

data_AG-NAT_publ

_pd_block_id
2011-03-22T11:22|AG-NAT|Donghoon_Seoung|X14A

_audit_creation_method "from EXP file using GSAS2CIF"
_audit_creation_date 2011-03-22T11:22
_audit_author_name "Donghoon Seoung"
_audit_update_record
; 2011-03-22T11:22 Initial CIF as created by GSAS2CIF
;

#=====

this information describes the project, paper etc. for the CIF #
Acta Cryst. Section C papers and editorial correspondence is generated #
from the information in this section #

(from) CIF submission form for Rietveld refinements (Acta Cryst. C) #
Version 14 December 1998 #
#=====

1. SUBMISSION DETAILS

_publ_contact_author_name ? # Name of author for correspondence
_publ_contact_author_address # Address of author for correspondence
; ?
;
_publ_contact_author_email ?
_publ_contact_author_fax ?
_publ_contact_author_phone ?

_publ_contact_letter
; ?
;

_publ_requested_journal ?
_publ_requested_coeditor_name ?
_publ_requested_category ? # Acta C: one of CI/CM/CO/FI/FM/FO

#=====

2. PROCESSING SUMMARY (IUCr Office Use Only)

_journal_data_validation_number ?

_journal_date_recd_electronic ?
_journal_date_to_coeditor ?
_journal_date_from_coeditor ?
_journal_date_accepted ?
_journal_date_printers_first ?
_journal_date_printers_final ?
_journal_date_proofs_out ?
_journal_date_proofs_in ?
_journal_coeditor_name ?

```

_journal_coeditor_code      ?
_journal_coeditor_notes
; ?
;
_journal_techeditor_code    ?
_journal_techeditor_notes
; ?
;
_journal_coden_ASTM        ?
_journal_name_full         ?
_journal_year              ?
_journal_volume            ?
_journal_issue             ?
_journal_page_first        ?
_journal_page_last         ?
_journal_paper_category    ?
_journal_suppl_publ_number ?
_journal_suppl_publ_pages  ?

```

```

#=====

```

3. TITLE AND AUTHOR LIST

```

_publ_section_title
; ?
;
_publ_section_title_footnote
; ?
;

```

The loop structure below should contain the names and addresses of all
authors, in the required order of publication. Repeat as necessary.

```

loop_
  _publ_author_name
  _publ_author_footnote
  _publ_author_address
  ?          #<--'Last name, first name'
; ?
;
; ?
;

```

```

#=====

```

4. TEXT

```

_publ_section_synopsis
; ?
;
_publ_section_abstract
; ?
;
_publ_section_comment

```

```

; ?
;
_publ_section_exptl_prep    # Details of the preparation of the sample(s)
                           # should be given here.

; ?
;
_publ_section_exptl_refinement
; ?
;
_publ_section_references
; ?
;
_publ_section_figure_captions
; ?
;
_publ_section_acknowledgements
; ?
;

#=====
# 5. OVERALL REFINEMENT & COMPUTING DETAILS

_refine_special_details
; ?
;
_pd_proc_ls_special_details
; ?
;

# The following items are used to identify the programs used.
_computing_molecular_graphics    ?
_computing_publication_material  ?

_refine_ls_weighting_scheme      ?
_refine_ls_weighting_details     ?
_refine_ls_hydrogen_treatment    ?
_refine_ls_extinction_method     ?
_refine_ls_extinction_coef       ?
_refine_ls_number_constraints    ?

_refine_ls_restrained_S_all      ?
_refine_ls_restrained_S_obs      ?

#=====
# 6. SAMPLE PREPARATION DATA

# (In the unusual case where multiple samples are used in a single
# Rietveld study, this information should be moved into the phase
# blocks)

# The following three fields describe the preparation of the material.
# The cooling rate is in K/min. The pressure at which the sample was
# prepared is in kPa. The temperature of preparation is in K.

```

_pd_prep_cool_rate ?
_pd_prep_pressure ?
_pd_prep_temperature ?

_pd_char_colour ? # use ICDD colour descriptions
_refine_ls_shift/su_max 0.07
_refine_ls_shift/su_mean 0.01
_computing_structure_refinement GSAS
_refine_ls_number_parameters 42
_refine_ls_goodness_of_fit_all 2.13
_refine_ls_number_restraints 28
_refine_ls_matrix_type full

#=====

7. CHEMICAL, STRUCTURAL AND CRYSTAL DATA

_pd_char_particle_morphology ?

_chemical_name_systematic
; ?
;
_chemical_name_common ?
_chemical_formula_moiety ?
_chemical_formula_structural ?
_chemical_formula_analytical ?
_chemical_melting_point ?
_chemical_compound_source ? # for minerals and
natural products
_symmetry_space_group_name_Hall ?

_exptl_crystal_F_000 ?
_exptl_crystal_density_diffn ?
_exptl_crystal_density_meas ?
_exptl_crystal_density_method ?

_cell_measurement_temperature ?

_cell_special_details
; ?
;

_geom_special_details ?

The following item identifies the program(s) used (if appropriate).

_computing_structure_solution ?

#=====

8. Phase information from GSAS

_pd_phase_name Ag-NAT
_cell_length_a 18.55377(10)
_cell_length_b 18.92380(10)
_cell_length_c 6.57816(4)
_cell_angle_alpha 90.0

_cell_angle_beta 90.0
_cell_angle_gamma 90.0
_cell_volume 2309.643(28)
_symmetry_cell_setting orthorhombic
_symmetry_space_group_name_H-M "F d d 2"
loop_ _symmetry_equiv_pos_site_id _symmetry_equiv_pos_as_xyz
1 +x,+y,+z
2 -x+1/4,+y+1/4,+z+1/4
3 +x+1/4,-y+1/4,+z+1/4
4 -x,-y+1/2,+z+1/2
101 +x,+y+1/2,+z+1/2
102 -x+1/4,+y+3/4,+z+3/4
103 +x+1/4,-y+3/4,+z+3/4
104 -x,-y,+z
201 +x+1/2,+y,+z+1/2
202 -x+3/4,+y+1/4,+z+3/4
203 +x+3/4,-y+1/4,+z+3/4
204 -x+1/2,-y+1/2,+z
301 +x+1/2,+y+1/2,+z
302 -x+3/4,+y+3/4,+z+1/4
303 +x+3/4,-y+3/4,+z+1/4
304 -x+1/2,-y,+z+1/2

ATOMIC COORDINATES AND DISPLACEMENT PARAMETERS

loop_								
_atom_site_type_symbol								
_atom_site_label								
_atom_site_fract_x								
_atom_site_fract_y								
_atom_site_fract_z								
_atom_site_occupancy								
_atom_site_thermal_displace_type								
_atom_site_U_iso_or_equiv								
_atom_site_symmetry_multiplicity								
Si								
Si	0.0	0.0	0.0288(5)	1.0	Uiso	0.0031(4)	8	
Si								
Si2	0.15502(12)	0.20917(11)	0.64681(34)	1.0	Uiso	0.0031(4)	16	
Al								
Al	0.03901(11)	0.09171(13)	0.64309(33)	1.0	Uiso	0.0031(4)	16	
O								
O1	0.02851(25)	0.06661(14)	0.8962(4)	1.0	Uiso	0.0026(7)	16	
O								
O2	0.07491(16)	0.17669(16)	0.6298(8)	1.0	Uiso	0.0026(7)	16	
O								
O3	0.09759(21)	0.03402(18)	0.5174(6)	1.0	Uiso	0.0026(7)	16	
O								
O4	0.20802(18)	0.15389(19)	0.7587(6)	1.0	Uiso	0.0026(7)	16	
O								
O5	0.18256(15)	0.22309(23)	0.4163(4)	1.0	Uiso	0.0026(7)	16	
Ag								
Ag	0.22164(4)	0.03042(4)	0.64829(29)	0.9743(20)	Uiso	0.02198(21)	16	

O
 OW1 0.06234(26) 0.18097(25) 0.1349(10) 1.0 Uiso 0.02198(21) 16

If you change Z, be sure to change all 3 of the following

_chemical_formula_sum "Ag1.95 Al2 O12 Si3"
 _chemical_formula_weight 540.41
 _cell_formula_units_Z 8

MOLECULAR GEOMETRY

loop_

_geom_bond_atom_site_label_1			
_geom_bond_atom_site_label_2			
_geom_bond_distance			
_geom_bond_site_symmetry_1			
_geom_bond_site_symmetry_2			
_geom_bond_publ_flag			
Si	O1	1.6216(13)	. 1_554 N
Si	O1	1.6216(13)	. 104_554 N
Si	O5	1.6255(13)	. 102_544 N
Si	O5	1.6255(13)	. 203_454 N
Si2	Al	3.0944(26)	. 1_555 N
Si2	Al	3.1196(27)	. 3_555 N
Si2	O2	1.6123(19)	. 1_555 N
Si2	O3	1.6242(18)	. 2_555 N
Si2	O4	1.6133(18)	. 1_555 N
Si2	O5	1.6219(19)	. 1_555 N
Al	Si2	3.0944(26)	. 1_555 N
Al	Si2	3.1196(27)	. 203_454 N
Al	O1	1.7426(19)	. 1_555 N
Al	O2	1.7429(18)	. 1_555 N
Al	O3	1.7483(18)	. 1_555 N
Al	O3	3.573(5)	. 104_555 N
Al	O4	3.4345(27)	. 1_555 N
Al	O4	1.7455(18)	. 203_454 N
Al	Ag	3.1640(23)	. 203_454 N
O1	Si	1.6216(13)	. 1_556 N
O1	Al	1.7426(19)	. 1_555 N
O1	O1	2.734(5)	. 104_555 N
O1	O2	2.855(4)	. 1_555 N
O1	O3	2.869(4)	. 1_555 N
O1	O3	3.913(5)	. 104_555 N
O1	O4	3.826(5)	. 1_555 N
O1	O4	2.919(5)	. 203_454 N
O1	O5	2.609(4)	. 102_545 N
O1	O5	2.625(4)	. 203_455 N
O1	OW1	2.746(7)	. 1_556 N
O1	OW1	3.913(7)	. 102_545 N
O2	Si2	1.6123(19)	. 1_555 N
O2	Al	1.7429(18)	. 1_555 N
O2	O1	2.855(4)	. 1_555 N
O2	O3	2.831(4)	. 1_555 N
O2	O3	2.648(4)	. 2_555 N
O2	O4	2.646(4)	. 1_555 N

O2	O4	2.7684(33)	203_454	N
O2	O5	2.595(4)	1_555	N
O2	Ag	2.778(5)	2_555	N
O2	Ag	2.579(5)	203_454	N
O2	OW1	3.265(7)	1_555	N
O2	OW1	3.332(7)	1_556	N
O2	OW1	3.707(5)	4_555	N
O3	Si2	1.6242(18)	102_544	N
O3	Al	1.7483(18)	1_555	N
O3	Al	3.573(5)	104_555	N
O3	O1	2.869(4)	1_555	N
O3	O1	3.913(5)	104_555	N
O3	O2	2.831(4)	1_555	N
O3	O2	2.648(4)	102_544	N
O3	O3	3.843(8)	104_555	N
O3	O4	3.444(4)	1_555	N
O3	O4	2.671(5)	102_544	N
O3	O4	2.844(5)	203_454	N
O3	O5	3.966(5)	1_555	N
O3	O5	2.642(5)	102_544	N
O3	O5	3.838(5)	203_454	N
O3	Ag	2.458(4)	1_555	N
O3	OW1	3.807(7)	1_555	N
O3	OW1	3.527(8)	102_545	N
O4	Si2	1.6133(18)	1_555	N
O4	Al	3.4345(27)	1_555	N
O4	Al	1.7455(18)	3_555	N
O4	O1	3.826(5)	1_555	N
O4	O1	2.919(5)	3_555	N
O4	O2	2.646(4)	1_555	N
O4	O2	2.7684(33)	3_555	N
O4	O3	3.444(4)	1_555	N
O4	O3	2.671(5)	2_555	N
O4	O3	2.844(5)	3_555	N
O4	O4	3.957(7)	204_555	N
O4	O5	2.648(4)	1_555	N
O4	O5	3.823(5)	204_555	N
O4	Ag	2.460(4)	1_555	N
O4	OW1	3.700(8)	1_556	N
O4	OW1	3.517(8)	3_555	N
O5	Si	1.6255(13)	2_555	N
O5	Si2	1.6219(19)	1_555	N
O5	O1	2.609(4)	2_554	N
O5	O1	2.625(4)	3_554	N
O5	O2	2.595(4)	1_555	N
O5	O3	3.966(5)	1_555	N
O5	O3	2.642(5)	2_555	N
O5	O3	3.838(5)	3_555	N
O5	O4	2.648(4)	1_555	N
O5	O4	3.823(5)	204_555	N
O5	O5	2.702(5)	204_555	N
O5	OW1	3.006(7)	1_555	N
O5	OW1	3.940(7)	2_555	N
O5	OW1	3.787(6)	3_555	N

Ag	Al	3.1640(23)	.	3_555	N
Ag	O2	2.579(5)	.	3_555	N
Ag	O2	2.778(5)	.	102_544	N
Ag	O3	2.458(4)	.	1_555	N
Ag	O4	2.460(4)	.	1_555	N
Ag	OW1	2.523(6)	.	3_555	N
Ag	OW1	2.523(6)	.	102_545	N
OW1	O1	2.746(7)	.	1_554	N
OW1	O1	3.913(7)	.	2_554	N
OW1	O2	3.332(7)	.	1_554	N
OW1	O2	3.265(7)	.	1_555	N
OW1	O2	3.707(5)	.	4_554	N
OW1	O3	3.807(7)	.	1_555	N
OW1	O3	3.527(8)	.	2_554	N
OW1	O4	3.700(8)	.	1_554	N
OW1	O4	3.517(8)	.	203_454	N
OW1	O5	3.006(7)	.	1_555	N
OW1	O5	3.940(7)	.	102_544	N
OW1	O5	3.787(6)	.	203_454	N
OW1	Ag	2.523(6)	.	2_554	N
OW1	Ag	2.523(6)	.	203_454	N

loop_

_geom_angle_atom_site_label_1					
_geom_angle_atom_site_label_2					
_geom_angle_atom_site_label_3					
_geom_angle					
_geom_angle_site_symmetry_1					
_geom_angle_site_symmetry_2					
_geom_angle_site_symmetry_3					
_geom_angle_publ_flag					
O1	Si	O1	114.91(32)	1_554	104_543 N
O1	Si	O5	106.95(21)	1_554	102_544 N
O1	Si	O5	107.87(21)	1_554	203_454 N
O1	Si	O5	107.87(21)	104_543	102_544 N
O1	Si	O5	106.95(21)	104_543	203_454 N
O5	Si	O5	112.42(33)	102_544	203_454 N
O2	Si2	O3	109.80(22)	1_555	2_555 N
O2	Si2	O4	110.26(22)	1_555	1_555 N
O2	Si2	O5	106.71(25)	1_555	1_555 N
O3	Si2	O4	111.16(26)	2_555	1_555 N
O3	Si2	O5	108.93(26)	2_555	1_555 N
O4	Si2	O5	109.87(24)	1_555	1_555 N
O1	Al	O2	110.00(25)	1_555	1_555 N
O1	Al	O3	110.56(23)	1_555	1_555 N
O1	Al	O4	113.63(25)	1_555	203_454 N
O2	Al	O3	108.35(22)	1_555	1_555 N
O2	Al	O4	105.05(18)	1_555	203_454 N
O3	Al	O4	109.00(23)	1_555	203_454 N
Si	O1	Al	139.68(27)	1_556	1_555 N
Si2	O2	Al	134.48(24)	1_555	1_555 N
Si2	O3	Al	139.19(27)	102_544	1_555 N
Si2	O4	Al	136.45(25)	1_555	3_555 N
Si	O5	Si2	144.43(28)	2_555	1_555 N

Powder diffraction data for histogram 1

#=====

9. INSTRUMENT CHARACTERIZATION

_exptl_special_details

; ?
;

if regions of the data are excluded, the reason(s) are supplied here:

_pd_proc_info_excluded_regions

; ?
;

The following item is used to identify the equipment used to record
the powder pattern when the diffractogram was measured at a laboratory
other than the authors' home institution, e.g. when neutron or synchrotron
radiation is used.

_pd_instr_location

; ?
;

_pd_calibration_special_details # description of the method used
 # to calibrate the instrument

; ?
;

_diffrn_ambient_temperature ?

_diffrn_source ?

_diffrn_source_target ?

_diffrn_source_type ?

_diffrn_measurement_device_type ?

_diffrn_detector ?

_diffrn_detector_type ? # make or model of detector

_pd_meas_scan_method ? # options are 'step', 'cont',

 # 'tof', 'fixed' or

 # 'disp' (= dispersive)

_pd_meas_special_details

; ?
;

The following two items identify the program(s) used (if appropriate).

_computing_data_collection ?

_computing_data_reduction ?

Describe any processing performed on the data, prior to refinement.

For example: a manual Lp correction or a precomputed absorption correction

_pd_proc_info_data_reduction ?

The following item is used for angular dispersive measurements only.

_diffrn_radiation_monochromator ?

The following items are used to define the size of the instrument.
Not all distances are appropriate for all instrument types.

_pd_instr_dist_src/mono ?
_pd_instr_dist_mono/spec ?
_pd_instr_dist_src/spec ?
_pd_instr_dist_spec/anal ?
_pd_instr_dist_anal/detc ?
_pd_instr_dist_spec/detc ?

10. Specimen size and mounting information

The next three fields give the specimen dimensions in mm. The equatorial
plane contains the incident and diffracted beam.

_pd_spec_size_axial ? # perpendicular to
 # equatorial plane

_pd_spec_size_equat ? # parallel to
 # scattering vector
 # in transmission

_pd_spec_size_thick ? # parallel to
 # scattering vector
 # in reflection

_pd_spec_mounting # This field should be
 # used to give details of the
 # container.

; ?
;

_pd_spec_mount_mode ? # options are 'reflection'
 # or 'transmission'

_pd_spec_shape ? # options are 'cylinder'
 # 'flat_sheet' or 'irregular'

loop_ _atom_type_symbol

_atom_type_number_in_cell
_atom_type_scatter_dispersion_real
_atom_type_scatter_dispersion_imag
_atom_type_scatter_Cromer_Mann_a1
_atom_type_scatter_Cromer_Mann_a2
_atom_type_scatter_Cromer_Mann_a3
_atom_type_scatter_Cromer_Mann_a4
_atom_type_scatter_Cromer_Mann_b1
_atom_type_scatter_Cromer_Mann_b2
_atom_type_scatter_Cromer_Mann_b3
_atom_type_scatter_Cromer_Mann_b4
_atom_type_scatter_Cromer_Mann_c
_atom_type_scatter_source

Si 24.0 0.000 0.000

6.29150 2.43860 3.03530 32.3337 1.98910 0.67850 1.54100 81.6937 1.14070
 International_Tables_Vol_C
 Al 16.0 0.000 0.000
 6.42020 3.03870 1.90020 0.74260 1.59360 31.5472 1.96460 85.0886 1.11510
 International_Tables_Vol_C
 O 96.0 0.000 0.000
 3.04850 13.2771 2.28680 5.70110 1.54630 0.32390 0.86700 32.9089 0.25080
 International_Tables_Vol_C
 Ag 15.59 0.000 0.000
 19.2808 0.64460 16.6885 7.47260 4.80450 24.6605 1.04630 99.8156 5.17900
 International_Tables_Vol_C
 _diffn_radiation_probe x-ray
 _diffn_radiation_polarisn_ratio 0.95
 _diffn_radiation_wavelength 0.72959
 _diffn_radiation_type ?
 _pd_proc_ls_prof_R_factor 0.0324
 _pd_proc_ls_prof_wR_factor 0.0433
 _pd_proc_ls_prof_wR_expected 0.0207
 _refine_ls_R_Fsqd_factor 0.09741

_pd_proc_ls_background_function

; GSAS Background function number 1 with 30 terms.

Shifted Chebyshev function of 1st kind

1: 1861.64	2: -1104.43	3: 563.826	4: -116.755
5: -67.6876	6: 205.497	7: -158.310	8: 26.6878
9: 62.4904	10: -89.8912	11: 81.0799	12: -45.8681
13: 7.03297	14: 37.8491	15: -41.6225	16: 41.5082
17: -20.0403	18: 13.4984	19: -3.35489	20: -30.5582
21: 28.6218	22: -23.5197	23: 8.95164	24: 10.8097
25: -17.8359	26: 11.5240	27: -18.7961	28: 7.41229
29: 0.434918	30: -7.17322		

;

_exptl_absorpt_process_details

; GSAS Absorption/surface roughness correction: function number 0

No correction is applied.

;

_exptl_absorpt_correction_T_min 1.00000

_exptl_absorpt_correction_T_max 1.00000

Extinction correction

_gsas_exptl_extinct_corr_T_min 1.00000

_gsas_exptl_extinct_corr_T_max 1.00000

_pd_proc_ls_pref_orient_corr

; March-Dollase

AXIS 1 Ratio= 1.02527 h= 0.000 k= 0.000 l= 1.000

Preferred orientation correction range: Min= 0.92786, Max= 1.03815

;

_pd_proc_ls_profile_function

;

CW Profile function number 3 with 19 terms

Pseudovoigt profile coefficients as parameterized in

P. Thompson, D.E. Cox & J.B. Hastings (1987). J. Appl. Cryst.,20,79-83.

Asymmetry correction of L.W. Finger, D.E. Cox & A. P. Jephcoat (1994).

J. Appl. Cryst.,27,892-900.

#1(GU) = 0.000 #2(GV) = 4.290 #3(GW) = 0.004

#4(GP) = 0.000 #5(LX) = 1.211 #6(LY) = 12.522

#7(S/L) = 0.0005 #8(H/L) = 0.0005

#9(trns) = 0.00 #10(shft)= 0.0000

#11(stec)= 0.00 #12(ptec)= -0.66 #13(sfec)= 0.00

#14(L11) = 0.000 #15(L22) = 0.000 #16(L33) = 0.000

#17(L12) = 0.000 #18(L13) = 0.000 #19(L23) = 0.000

Peak tails are ignored where the intensity is below 0.0020 times the peak

Aniso. broadening axis 0.0 0.0 1.0

;

_pd_proc_ls_peak_cutoff 0.00200

_pd_proc_info_datetime 2011-03-22T11:22:36

_pd_calc_method "Rietveld Refinement"

#---- raw/calc data loop ----

_pd_meas_2theta_range_min 4.405

_pd_meas_2theta_range_max 61.6

_pd_meas_2theta_range_inc 0.005

_pd_proc_2theta_range_min 4.40528

_pd_proc_2theta_range_max 61.60028

_pd_proc_2theta_range_inc 0.005

loop_

_pd_meas_counts_total

_pd_proc_ls_weight

_pd_proc_intensity_bkg_calc

_pd_calc_intensity_total

3406.0 0.0002973 3349.83008 3349.83008

3449.0 0.0002873 3352.33179 3352.33179

3429.0 0.0002873 3354.72534 3354.72534

3394.0 0.0002973 3357.01318 3357.01318

3408.0 0.0002973 3359.19751 3359.19751

3439.0 0.0002873 3361.28076 3361.28076

3414.0 0.0002973 3363.26563 3363.26563

3394.0 0.0002973 3365.15405 3365.15405

3397.0 0.0002973 3366.94873 3366.94873

3516.0 0.0002873 3368.65161 3368.65161

3394.0 0.0002973 3370.26514 3370.26514

3410.0 0.0002973 3371.79150 3371.79150

3465.0 0.0002873 3373.23267 3373.23267

3344.0 0.0002973 3374.59082 3374.59082

3362.0 0.0002973 3375.86841 3375.86841

3555.0 0.0002778 3377.06714 3377.06714

3426.0 0.0002873 3378.18896 3378.18896

3373.0 0.0002973 3379.23608 3379.23608

3335.0 0.0002973 3380.21045 3380.21045

3476.0 0.0002873 3381.11377 3381.11377

3432.0 0.0002873 3381.94824 3381.94824

3310.0 0.0002973 3382.71558 3382.71558

3455.0 0.0002873 3383.41748 3383.41748

3386.0 0.0002973 3384.05591 3384.05591

3418.0 0.0002973 3384.63281 3384.63281

3346.0 0.0002973 3385.14941 3385.14941

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3417.0	0.0002973	3386.64966	3386.64966
3425.0	0.0002873	3386.89111	3386.89111
3381.0	0.0002973	3387.08252	3387.08252
3382.0	0.0002973	3387.22510	3387.22510
3308.0	0.0002973	3387.32056	3387.32056
3401.0	0.0002973	3387.37036	3387.37036
3341.0	0.0002973	3387.37573	3387.37573
3362.0	0.0002973	3387.33838	3387.33838
3412.0	0.0002973	3387.25952	3387.25952
3409.0	0.0002973	3387.14038	3387.14038
3346.0	0.0002973	3386.98267	3386.98267
3398.0	0.0002973	3386.78760	3386.78760
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3435.0	0.0002873	3385.99023	3385.99023
3541.0	0.0002778	3385.65796	3385.65796
3452.0	0.0002873	3385.29443	3385.29443
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3479.0	0.0002873	3384.02808	3384.02808
3540.0	0.0002873	3383.55127	3383.55127
3450.0	0.0002873	3383.04858	3383.04858
3459.0	0.0002873	3382.52173	3382.52173
3375.0	0.0002973	3381.97119	3381.97119
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3368.0	0.0002973	3380.80347	3380.80347
3295.0	0.0003078	3380.18848	3380.18848
3373.0	0.0002973	3379.55371	3379.55371
3308.0	0.0002973	3378.90039	3378.90039
3266.0	0.0003078	3378.22925	3378.22925
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3267.0	0.0003078	3376.11841	3376.11841
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3433.0	0.0002873	3373.10742	3373.10742
3418.0	0.0002973	3372.32495	3372.32495
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3459.0	0.0002873	3370.72949	3370.72949
3346.0	0.0002973	3369.91797	3369.91797
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3431.0	0.0002873	3367.43628	3367.43628
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3339.0	0.0002973	3362.31885	3362.31885
3338.0	0.0002973	3361.45288	3361.45288

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3338.0	0.0002973	3359.71460	3359.71460
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3359.0	0.0002973	3355.35596	3355.35596
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3224.0	0.0003078	3353.61719	3353.61719
3366.0	0.0002973	3352.75024	3352.75024
3367.0	0.0002973	3351.88599	3351.88599
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3248.0	0.0003078	3349.31030	3349.31030
3352.0	0.0002973	3348.45874	3348.45874
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3500.0	0.0002873	3344.27051	3344.27051
3356.0	0.0002973	3343.44873	3343.44873
3344.0	0.0002973	3342.63281	3342.63281
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3377.0	0.0002973	3341.02002	3341.02002
3413.0	0.0002973	3340.22339	3340.22339
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3447.0	0.0002873	3336.35010	3336.35010
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3287.0	0.0003078	3329.89355	3329.89355
3354.0	0.0002973	3329.22119	3329.22119
3458.0	0.0002873	3328.55786	3328.55786
3421.0	0.0002973	3327.90430	3327.90430
3377.0	0.0002973	3327.26050	3327.26050
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3537.0	0.0002873	3326.00171	3326.00171
3352.0	0.0002973	3325.38721	3325.38721
3326.0	0.0002973	3324.78271	3324.78271
3332.0	0.0002973	3324.18799	3324.18799
3385.0	0.0002973	3323.60327	3323.60327
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3281.0	0.0003078	3320.83252	3320.83252

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3367.0	0.0002973	3319.29297	3319.29297
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3381.0	0.0002973	3317.84595	3317.84595
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3366.0	0.0002973	3316.93262	3316.93262
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3353.0	0.0002973	3315.63940	3315.63940
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3339.0	0.0002973	3311.98218	3311.98218
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3284.0	0.0003078	3306.07617	3306.07617
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3346.0	0.0002973	3306.03125	3306.03125
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3348.0	0.0002973	3306.00757	3306.00757
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3308.0	0.0002973	3306.03442	3306.03442
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3284.0	0.0003078	3306.07666	3306.07666
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3257.0	0.0003078	3306.45532	3306.45532
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3446.0	0.0002873	3306.70483	3306.70483
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3328.0	0.0002973	3307.22803	3307.22803
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3331.0	0.0002973	3307.82324	3307.82324
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3289.0	0.0003078	3308.17896	3308.17896
3341.0	0.0002973	3308.26880	3308.26880
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3311.0	0.0002973	3308.44775	3308.44775
3305.0	0.0003078	3308.53687	3308.53687
3302.0	0.0003078	3308.62573	3308.62573
3331.0	0.0002973	3308.71436	3308.71436
3378.0	0.0002973	3308.80200	3308.80200
3375.0	0.0002973	3308.88916	3308.88916

3265.0	0.0003078	3308.97559	3308.97559
3302.0	0.0003078	3309.06104	3309.06104
3337.0	0.0002973	3309.14575	3309.14575
3290.0	0.0003078	3309.22900	3309.22900
3334.0	0.0002973	3309.31104	3309.31104
3354.0	0.0002973	3309.39209	3309.39209
3368.0	0.0002973	3309.47144	3309.47144
3413.0	0.0002973	3309.54932	3309.54932
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3239.0	0.0003078	3309.84375	3309.84375
3299.0	0.0003078	3309.91260	3309.91260
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3426.0	0.0002873	3310.10596	3310.10596
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3287.0	0.0003078	3310.22314	3310.22314
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3352.0	0.0002973	3310.37964	3310.37964
3376.0	0.0002973	3310.42627	3310.42627
3366.0	0.0002973	3310.46997	3310.46997
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3246.0	0.0003078	3309.84741	3309.84741
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3276.0	0.0003078	3309.44849	3309.44849
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3315.0	0.0002973	3309.09790	3309.09790
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3227.0	0.0003078	3308.56079	3308.56079
3285.0	0.0003078	3308.41382	3308.41382
3329.0	0.0002973	3308.26196	3308.26196
3243.0	0.0003078	3308.10498	3308.10498
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3379.0	0.0002973	3303.08203	3351.53369
3393.0	0.0002973	3302.80273	3353.34668
3393.0	0.0002973	3302.51807	3355.29297
3245.0	0.0003078	3302.22876	3357.38550
3272.0	0.0003078	3301.93457	3359.63770
3351.0	0.0002973	3301.63525	3362.06543
3355.0	0.0002973	3301.33130	3364.68579
3360.0	0.0002973	3301.02222	3367.51855
3336.0	0.0002973	3300.70850	3370.58618
3320.0	0.0002973	3300.38989	3373.91284
3370.0	0.0002973	3300.06641	3377.52734
3397.0	0.0002973	3299.73828	3381.46143
3275.0	0.0003078	3299.40527	3385.75220
3369.0	0.0002973	3299.06763	3390.44116
3310.0	0.0002973	3298.72534	3395.57666
3313.0	0.0002973	3298.37842	3401.21436

3360.0	0.0002973	3298.02686	3407.41846
3334.0	0.0002973	3297.67065	3414.26392
3242.0	0.0003078	3297.31006	3421.83862
3319.0	0.0002973	3296.94482	3430.24536
3325.0	0.0002973	3296.57520	3439.60547
3412.0	0.0002973	3296.20142	3450.06348
3376.0	0.0002973	3295.82300	3461.79150
3342.0	0.0002973	3295.44019	3474.99731
3393.0	0.0002973	3295.05322	3489.93237
3337.0	0.0002973	3294.66211	3506.90283
3452.0	0.0002873	3294.26660	3526.28564
3324.0	0.0002973	3293.86694	3548.54932
3336.0	0.0002973	3293.46313	3574.28003
3406.0	0.0002973	3293.05542	3604.22021
3607.0	0.0002778	3292.64355	3639.31958
3523.0	0.0002873	3292.22778	3680.81055
3581.0	0.0002778	3291.80811	3730.31152
3559.0	0.0002778	3291.38452	3789.98193
3698.0	0.0002687	3290.95703	3862.75171
3800.0	0.0002601	3290.52588	3952.66992
3788.0	0.0002601	3290.09106	4065.45190
3938.0	0.0002520	3289.65234	4209.36328
4047.0	0.0002441	3289.21021	4396.74951
4453.0	0.0002228	3288.76465	4647.05957
4745.0	0.0002100	3288.31543	4994.06641
5331.0	0.0001877	3287.86279	5504.54590
6284.0	0.0001602	3287.40674	6320.46729
7862.0	0.0001262	3286.94727	7724.87500
10590.0	0.0000943	3286.48486	10179.28223
15518.0	0.0000640	3286.01880	14209.95605
21723.0	0.0000463	3285.55005	19935.89648
28638.0	0.0000350	3285.07788	25680.69727
30177.0	0.0000330	3284.60278	26857.20117
22853.0	0.0000439	3284.12476	22134.13672
14735.0	0.0000683	3283.64380	16048.61523
9812.0	0.0001020	3283.16016	11387.36523
7381.0	0.0001352	3282.67358	8433.74121
6188.0	0.0001602	3282.18433	6720.82129
5290.0	0.0001877	3281.69238	5739.02832
4900.0	0.0002041	3281.19800	5142.39258
4501.0	0.0002228	3280.70093	4747.38379
4118.0	0.0002441	3280.20142	4467.18701
3939.0	0.0002520	3279.69971	4259.51904
3810.0	0.0002601	3279.19556	4101.10156
3825.0	0.0002601	3278.68945	3977.57031
3702.0	0.0002687	3278.18091	3879.45239
3737.0	0.0002687	3277.67017	3800.26245
3544.0	0.0002778	3277.15771	3735.44360
3542.0	0.0002778	3276.64307	3681.72046
3402.0	0.0002973	3276.12646	3636.69531
3508.0	0.0002873	3275.60815	3598.58057
3412.0	0.0002973	3275.08838	3566.02319
3426.0	0.0002873	3274.56665	3537.98364
3491.0	0.0002873	3274.04321	3513.65356

3444.0	0.0002873	3273.51855	3492.39746
3432.0	0.0002873	3272.99219	3473.70898
3270.0	0.0003078	3272.46460	3457.18262
3382.0	0.0002973	3271.93555	3442.48828
3359.0	0.0002973	3271.40527	3429.35742
3356.0	0.0002973	3270.87402	3417.56860
3363.0	0.0002973	3270.34155	3406.93774
3384.0	0.0002973	3269.80835	3397.31177
3317.0	0.0002973	3269.27393	3388.56128
3312.0	0.0002973	3268.73877	3380.57788
3382.0	0.0002973	3268.20288	3373.26880
3323.0	0.0002973	3267.66626	3366.55518
3281.0	0.0003078	3267.12891	3360.36890
3343.0	0.0002973	3266.59106	3354.65210
3336.0	0.0002973	3266.05298	3349.35425
3344.0	0.0002973	3265.51416	3344.43091
3315.0	0.0002973	3264.97534	3339.84424
3252.0	0.0003078	3264.43628	3335.56055
3377.0	0.0002973	3263.89673	3331.55029
3275.0	0.0003078	3263.35742	3327.78784
3207.0	0.0003078	3262.81812	3324.25024
3286.0	0.0003078	3262.27881	3320.91675
3278.0	0.0003078	3261.73975	3317.76978
3271.0	0.0003078	3261.20068	3314.79297
3323.0	0.0002973	3260.66211	3311.97192
3316.0	0.0002973	3260.12402	3309.29419
3281.0	0.0003078	3259.58643	3306.74805
3313.0	0.0002973	3259.04932	3304.32275
3216.0	0.0003078	3258.51294	3258.51294
3245.0	0.0003078	3257.97705	3257.97705
3287.0	0.0003078	3257.44238	3257.44238
3253.0	0.0003078	3256.90820	3256.90820
3267.0	0.0003078	3256.37524	3256.37524
3221.0	0.0003078	3255.84326	3255.84326
3260.0	0.0003078	3255.31250	3255.31250
3302.0	0.0003078	3254.78271	3254.78271
3316.0	0.0002973	3254.25439	3254.25439
3255.0	0.0003078	3253.72729	3253.72729
3300.0	0.0003078	3253.20166	3253.20166
3257.0	0.0003078	3252.67773	3252.67773
3330.0	0.0002973	3252.15527	3252.15527
3273.0	0.0003078	3251.63452	3251.63452
3334.0	0.0002973	3251.11572	3251.11572
3226.0	0.0003078	3250.59863	3250.59863
3304.0	0.0003078	3250.08350	3250.08350
3221.0	0.0003078	3249.57031	3249.57031
3271.0	0.0003078	3249.05933	3249.05933
3328.0	0.0002973	3248.55054	3248.55054
3338.0	0.0002973	3248.04370	3248.04370
3267.0	0.0003078	3247.53955	3247.53955
3260.0	0.0003078	3247.03760	3247.03760
3323.0	0.0002973	3246.53833	3246.53833
3284.0	0.0003078	3246.04150	3246.04150
3339.0	0.0002973	3245.54736	3245.54736

3220.0	0.0003078	3245.05591	3245.05591
3228.0	0.0003078	3244.56738	3244.56738
3324.0	0.0002973	3244.08154	3244.08154
3254.0	0.0003078	3243.59888	3243.59888
3347.0	0.0002973	3243.11914	3243.11914
3254.0	0.0003078	3242.64258	3242.64258
3311.0	0.0002973	3242.16919	3242.16919
3257.0	0.0003078	3241.69897	3241.69897
3302.0	0.0003078	3241.23218	3241.23218
3307.0	0.0002973	3240.76904	3240.76904
3301.0	0.0003078	3240.30933	3240.30933
3315.0	0.0002973	3239.85303	3239.85303
3260.0	0.0003078	3239.40039	3239.40039
3337.0	0.0002973	3238.95166	3238.95166
3311.0	0.0002973	3238.50684	3238.50684
3183.0	0.0003189	3238.06567	3238.06567
3202.0	0.0003078	3237.62842	3237.62842
3325.0	0.0002973	3237.19531	3237.19531
3293.0	0.0003078	3236.76636	3236.76636
3235.0	0.0003078	3236.34155	3236.34155
3299.0	0.0003078	3235.92114	3235.92114
3289.0	0.0003078	3235.50488	3235.50488
3283.0	0.0003078	3235.09326	3235.09326
3315.0	0.0002973	3234.68604	3234.68604
3271.0	0.0003078	3234.28320	3234.28320
3304.0	0.0003078	3233.88525	3233.88525
3321.0	0.0002973	3233.49194	3233.49194
3253.0	0.0003078	3233.10327	3233.10327
3241.0	0.0003078	3232.71948	3232.71948
3304.0	0.0003078	3232.34058	3232.34058
3216.0	0.0003078	3231.96680	3297.03979
3271.0	0.0003078	3231.59814	3299.30469
3293.0	0.0003078	3231.23462	3301.73779
3325.0	0.0002973	3230.87598	3304.35254
3262.0	0.0003078	3230.52295	3307.16479
3201.0	0.0003078	3230.17505	3310.19116
3261.0	0.0003078	3229.83276	3313.45093
3336.0	0.0002973	3229.49585	3316.96460
3255.0	0.0003078	3229.16431	3320.75562
3359.0	0.0002973	3228.83862	3324.85059
3265.0	0.0003078	3228.51855	3329.27905
3282.0	0.0003078	3228.20410	3334.07373
3318.0	0.0002973	3227.89551	3339.27271
3369.0	0.0002973	3227.59302	3344.91846
3329.0	0.0002973	3227.29614	3351.05884
3333.0	0.0002973	3227.00537	3357.74927
3269.0	0.0003078	3226.72070	3365.05298
3304.0	0.0003078	3226.44214	3373.04224
3369.0	0.0002973	3226.16968	3381.80029
3382.0	0.0002973	3225.90381	3391.42456
3320.0	0.0002973	3225.64380	3402.02686
3437.0	0.0002873	3225.39038	3413.73901
3379.0	0.0002973	3225.14331	3426.71558
3368.0	0.0002973	3224.90283	3441.13892

3432.0	0.0002873	3224.66895	3457.22534
3478.0	0.0002873	3224.44165	3475.23389
3419.0	0.0002973	3224.22095	3495.47559
3499.0	0.0002873	3224.00708	3518.32715
3418.0	0.0002973	3223.79980	3544.24829
3539.0	0.0002873	3223.59961	3573.80469
3458.0	0.0002873	3223.40625	3607.69775
3473.0	0.0002873	3223.21973	3646.80688
3590.0	0.0002778	3223.04028	3692.24512
3615.0	0.0002778	3222.86792	3745.43823
3654.0	0.0002778	3222.70288	3808.23462
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3809.0	0.0002601	3222.39380	3973.17578
3893.0	0.0002601	3222.25024	4082.97705
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7742.0	0.0001291	3221.36987	7718.55127
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15175.0	0.0000661	3221.22607	14268.38184
23954.0	0.0000416	3221.16602	22930.24805
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54537.0	0.0000183	3221.06909	54649.34375
59763.0	0.0000168	3221.03271	61241.60547
46427.0	0.0000216	3221.00415	48845.49219
28744.0	0.0000346	3220.98364	31653.02930
17654.0	0.0000565	3220.97119	19259.43555
11928.0	0.0000842	3220.96704	12351.48145
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3983.0	0.0002520	3221.30029	4166.57617
3847.0	0.0002601	3221.37915	4040.82910
3877.0	0.0002601	3221.46680	3938.49438
3760.0	0.0002687	3221.56299	3854.13794
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3569.0	0.0002778	3221.90308	3674.25098
3571.0	0.0002778	3222.03369	3631.13354
3512.0	0.0002873	3222.17310	3593.92407
3550.0	0.0002778	3222.32129	3561.59961
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3459.0	0.0002873	3222.64404	3508.52295
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3346.0	0.0002973	3223.60571	3420.36987
3414.0	0.0002973	3223.82471	3407.82739
3388.0	0.0002973	3224.05298	3396.49463
3374.0	0.0002973	3224.29004	3386.22559
3335.0	0.0002973	3224.53613	3376.89575
3381.0	0.0002973	3224.79150	3368.39941
3373.0	0.0002973	3225.05566	3360.64380
3393.0	0.0002973	3225.32886	3353.55005
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3420.0	0.0002973	3225.90308	3341.08203
3367.0	0.0002973	3226.20386	3335.59473
3327.0	0.0002973	3226.51367	3330.54175
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3416.0	0.0002973	3227.16113	3321.58154
3293.0	0.0003078	3227.49854	3317.60620
3310.0	0.0002973	3227.84521	3313.92896
3330.0	0.0002973	3228.20117	3310.52441
3310.0	0.0002973	3228.56641	3307.37012
3341.0	0.0002973	3228.94092	3304.44580
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3413.0	0.0002973	3229.71753	3299.21704
3327.0	0.0002973	3230.11987	3296.88159
3307.0	0.0002973	3230.53149	3230.53149
3351.0	0.0002973	3230.95239	3230.95239
3249.0	0.0003078	3231.38257	3231.38257
3252.0	0.0003078	3231.82227	3231.82227
3228.0	0.0003078	3232.27124	3232.27124
3260.0	0.0003078	3232.72949	3232.72949
3289.0	0.0003078	3233.19702	3233.19702
3245.0	0.0003078	3233.67407	3233.67407
3237.0	0.0003078	3234.16040	3234.16040
3292.0	0.0003078	3234.65601	3234.65601
3337.0	0.0002973	3235.16113	3235.16113
3285.0	0.0003078	3235.67554	3235.67554
3306.0	0.0003078	3236.19922	3236.19922
3282.0	0.0003078	3236.73242	3236.73242
3263.0	0.0003078	3237.27490	3237.27490
3296.0	0.0003078	3237.82690	3237.82690
3272.0	0.0003078	3238.38818	3238.38818
3318.0	0.0002973	3238.95874	3238.95874
3320.0	0.0002973	3239.53882	3239.53882
3249.0	0.0003078	3240.12793	3240.12793
3335.0	0.0002973	3240.72681	3240.72681
3300.0	0.0003078	3241.33472	3241.33472
3293.0	0.0003078	3241.95215	3241.95215
3247.0	0.0003078	3242.57886	3242.57886
3266.0	0.0003078	3243.21509	3243.21509
3310.0	0.0002973	3243.86060	3243.86060
3243.0	0.0003078	3244.51514	3244.51514
3304.0	0.0003078	3245.17920	3245.17920
3343.0	0.0002973	3245.85254	3245.85254
3309.0	0.0002973	3246.53516	3246.53516

3320.0	0.0002973	3247.22705	3247.22705
3309.0	0.0002973	3247.92822	3247.92822
3258.0	0.0003078	3248.63867	3248.63867
3345.0	0.0002973	3249.35840	3249.35840
3312.0	0.0002973	3250.08716	3250.08716
3266.0	0.0003078	3250.82544	3250.82544
3351.0	0.0002973	3251.57275	3251.57275
3290.0	0.0003078	3252.32935	3252.32935
3292.0	0.0003078	3253.09497	3253.09497
3319.0	0.0002973	3253.86963	3253.86963
3284.0	0.0003078	3254.65356	3254.65356
3259.0	0.0003078	3255.44678	3255.44678
3391.0	0.0002973	3256.24902	3256.24902
3307.0	0.0002973	3257.06030	3257.06030
3340.0	0.0002973	3257.88062	3257.88062
3243.0	0.0003078	3258.71021	3258.71021
3320.0	0.0002973	3259.54858	3259.54858
3293.0	0.0003078	3260.39624	3260.39624
3406.0	0.0002973	3261.25244	3261.25244
3318.0	0.0002973	3262.11792	3262.11792
3170.0	0.0003189	3262.99219	3262.99219
3369.0	0.0002973	3263.87549	3263.87549
3354.0	0.0002973	3264.76758	3264.76758
3299.0	0.0003078	3265.66846	3265.66846
3257.0	0.0003078	3266.57837	3266.57837
3201.0	0.0003078	3267.49707	3267.49707
3317.0	0.0002973	3268.42456	3268.42456
3357.0	0.0002973	3269.36060	3269.36060
3301.0	0.0003078	3270.30566	3270.30566
3315.0	0.0002973	3271.25928	3271.25928
3244.0	0.0003078	3272.22168	3272.22168
3242.0	0.0003078	3273.19238	3273.19238
3319.0	0.0002973	3274.17212	3274.17212
3298.0	0.0003078	3275.16040	3275.16040
3310.0	0.0002973	3276.15698	3276.15698
3310.0	0.0002973	3277.16235	3277.16235
3392.0	0.0002973	3278.17603	3278.17603
3308.0	0.0002973	3279.19824	3279.19824
3375.0	0.0002973	3280.22876	3280.22876
3263.0	0.0003078	3281.26782	3281.26782
3391.0	0.0002973	3282.31519	3282.31519
3285.0	0.0003078	3283.37109	3283.37109
3381.0	0.0002973	3284.43506	3284.43506
3348.0	0.0002973	3285.50708	3285.50708
3253.0	0.0003078	3286.58765	3286.58765
3274.0	0.0003078	3287.67627	3287.67627
3297.0	0.0003078	3288.77295	3288.77295
3297.0	0.0003078	3289.87793	3289.87793
3363.0	0.0002973	3290.99072	3290.99072
3249.0	0.0003078	3292.11182	3292.11182
3302.0	0.0003078	3293.24072	3293.24072
3271.0	0.0003078	3294.37769	3294.37769
3319.0	0.0002973	3295.52222	3295.52222
3236.0	0.0003078	3296.67480	3296.67480

3332.0	0.0002973	3297.83545	3297.83545
3358.0	0.0002973	3299.00366	3299.00366
3323.0	0.0002973	3300.17969	3300.17969
3299.0	0.0003078	3301.36328	3301.36328
3376.0	0.0002973	3302.55444	3302.55444
3248.0	0.0003078	3303.75366	3303.75366
3375.0	0.0002973	3304.95996	3304.95996
3443.0	0.0002873	3306.17407	3306.17407
3321.0	0.0002973	3307.39551	3307.39551
3469.0	0.0002873	3308.62427	3308.62427
3345.0	0.0002973	3309.86060	3309.86060
3364.0	0.0002973	3311.10425	3311.10425
3252.0	0.0003078	3312.35498	3312.35498
3278.0	0.0003078	3313.61328	3313.61328
3232.0	0.0003078	3314.87842	3314.87842
3306.0	0.0003078	3316.15088	3316.15088
3384.0	0.0002973	3317.43042	3317.43042
3343.0	0.0002973	3318.71704	3318.71704
3346.0	0.0002973	3320.01050	3320.01050
3306.0	0.0003078	3321.31104	3321.31104
3277.0	0.0003078	3322.61841	3322.61841
3407.0	0.0002973	3323.93262	3323.93262
3332.0	0.0002973	3325.25366	3325.25366
3295.0	0.0003078	3326.58130	3326.58130
3236.0	0.0003078	3327.91577	3327.91577
3292.0	0.0003078	3329.25684	3329.25684
3308.0	0.0002973	3330.60449	3330.60449
3338.0	0.0002973	3331.95874	3331.95874
3443.0	0.0002873	3333.31934	3333.31934
3265.0	0.0003078	3334.68652	3334.68652
3374.0	0.0002973	3336.05981	3336.05981
3351.0	0.0002973	3337.43945	3337.43945
3351.0	0.0002973	3338.82544	3338.82544
3463.0	0.0002873	3340.21753	3340.21753
3341.0	0.0002973	3341.61597	3341.61597
3301.0	0.0003078	3343.02026	3343.02026
3464.0	0.0002873	3344.43066	3344.43066
3413.0	0.0002973	3345.84692	3345.84692
3338.0	0.0002973	3347.26929	3347.26929
3399.0	0.0002973	3348.69727	3348.69727
3243.0	0.0003078	3350.13110	3350.13110
3289.0	0.0003078	3351.57080	3351.57080
3303.0	0.0003078	3353.01636	3353.01636
3369.0	0.0002973	3354.46704	3354.46704
3413.0	0.0002973	3355.92358	3355.92358
3345.0	0.0002973	3357.38550	3357.38550
3358.0	0.0002973	3358.85303	3358.85303
3368.0	0.0002973	3360.32593	3360.32593
3373.0	0.0002973	3361.80396	3361.80396
3471.0	0.0002873	3363.28735	3363.28735
3412.0	0.0002973	3364.77563	3364.77563
3388.0	0.0002973	3366.26953	3366.26953
3496.0	0.0002873	3367.76831	3367.76831
3355.0	0.0002973	3369.27222	3369.27222

3440.0	0.0002873	3370.78076	3370.78076
3326.0	0.0002973	3372.29443	3372.29443
3477.0	0.0002873	3373.81299	3373.81299
3403.0	0.0002973	3375.33618	3375.33618
3329.0	0.0002973	3376.86377	3376.86377
3397.0	0.0002973	3378.39624	3378.39624
3479.0	0.0002873	3379.93335	3379.93335
3499.0	0.0002873	3381.47485	3381.47485
3392.0	0.0002973	3383.02100	3383.02100
3342.0	0.0002973	3384.57129	3384.57129
3352.0	0.0002973	3386.12598	3386.12598
3400.0	0.0002973	3387.68481	3387.68481
3400.0	0.0002973	3389.24780	3389.24780
3334.0	0.0002973	3390.81494	3390.81494
3414.0	0.0002973	3392.38623	3392.38623
3409.0	0.0002973	3393.96143	3393.96143
3457.0	0.0002873	3395.54053	3395.54053
3445.0	0.0002873	3397.12354	3397.12354
3447.0	0.0002873	3398.71021	3398.71021
3343.0	0.0002973	3400.30078	3400.30078
3338.0	0.0002973	3401.89478	3401.89478
3395.0	0.0002973	3403.49219	3403.49219
3494.0	0.0002873	3405.09326	3405.09326
3522.0	0.0002873	3406.69800	3406.69800
3308.0	0.0002973	3408.30591	3408.30591
3424.0	0.0002873	3409.91724	3409.91724
3332.0	0.0002973	3411.53174	3411.53174
3443.0	0.0002873	3413.14941	3413.14941
3444.0	0.0002873	3414.77026	3414.77026
3321.0	0.0002973	3416.39380	3416.39380
3411.0	0.0002973	3418.02051	3418.02051
3451.0	0.0002873	3419.65015	3419.65015
3468.0	0.0002873	3421.28271	3421.28271
3397.0	0.0002973	3422.91797	3422.91797
3357.0	0.0002973	3424.55591	3424.55591
3478.0	0.0002873	3426.19653	3426.19653
3372.0	0.0002973	3427.83960	3427.83960
3309.0	0.0002973	3429.48486	3429.48486
3365.0	0.0002973	3431.13257	3431.13257
3406.0	0.0002973	3432.78296	3432.78296
3370.0	0.0002973	3434.43555	3434.43555
3432.0	0.0002873	3436.09033	3436.09033
3322.0	0.0002973	3437.74731	3437.74731
3419.0	0.0002973	3439.40601	3439.40601
3492.0	0.0002873	3441.06689	3441.06689
3434.0	0.0002873	3442.72998	3442.72998
3391.0	0.0002973	3444.39429	3444.39429
3468.0	0.0002873	3446.06055	3446.06055
3286.0	0.0003078	3447.72876	3447.72876
3335.0	0.0002973	3449.39844	3449.39844
3512.0	0.0002873	3451.06982	3451.06982
3502.0	0.0002873	3452.74268	3452.74268
3435.0	0.0002873	3454.41675	3454.41675
3354.0	0.0002973	3456.09229	3456.09229

3448.0	0.0002873	3457.76880	3457.76880
3429.0	0.0002873	3459.44678	3459.44678
3474.0	0.0002873	3461.12598	3461.12598
3483.0	0.0002873	3462.80615	3462.80615
3469.0	0.0002873	3464.48730	3464.48730
3454.0	0.0002873	3466.16943	3466.16943
3506.0	0.0002873	3467.85229	3467.85229
3470.0	0.0002873	3469.53589	3469.53589
3396.0	0.0002973	3471.21997	3471.21997
3481.0	0.0002873	3472.90503	3472.90503
3512.0	0.0002873	3474.59082	3474.59082
3419.0	0.0002973	3476.27661	3476.27661
3447.0	0.0002873	3477.96313	3477.96313
3523.0	0.0002873	3479.65015	3479.65015
3515.0	0.0002873	3481.33716	3481.33716
3467.0	0.0002873	3483.02441	3483.02441
3505.0	0.0002873	3484.71167	3484.71167
3369.0	0.0002973	3486.39893	3486.39893
3508.0	0.0002873	3488.08643	3488.08643
3451.0	0.0002873	3489.77368	3489.77368
3528.0	0.0002873	3491.46094	3491.46094
3466.0	0.0002873	3493.14771	3493.14771
3476.0	0.0002873	3494.83447	3494.83447
3512.0	0.0002873	3496.52075	3496.52075
3501.0	0.0002873	3498.20654	3498.20654
3566.0	0.0002778	3499.89160	3499.89160
3522.0	0.0002873	3501.57642	3501.57642
3546.0	0.0002778	3503.26025	3503.26025
3487.0	0.0002873	3504.94360	3504.94360
3463.0	0.0002873	3506.62622	3506.62622
3527.0	0.0002873	3508.30786	3539.97656
3519.0	0.0002873	3509.98853	3542.50757
3553.0	0.0002778	3511.66821	3545.07227
3534.0	0.0002873	3513.34644	3547.67212
3562.0	0.0002778	3515.02393	3550.30981
3547.0	0.0002778	3516.69995	3552.98682
3562.0	0.0002778	3518.37476	3555.70605
3561.0	0.0002778	3520.04858	3558.46997
3546.0	0.0002778	3521.72046	3561.28027
3507.0	0.0002873	3523.39111	3564.14063
3532.0	0.0002873	3525.06006	3567.05371
3525.0	0.0002873	3526.72754	3570.02344
3625.0	0.0002778	3528.39258	3573.05200
3573.0	0.0002778	3530.05640	3576.14478
3679.0	0.0002687	3531.71851	3579.30542
3597.0	0.0002778	3533.37842	3582.53809
3564.0	0.0002778	3535.03662	3585.84839
3578.0	0.0002778	3536.69238	3589.24072
3632.0	0.0002778	3538.34619	3592.72168
3540.0	0.0002778	3539.99780	3596.29736
3496.0	0.0002873	3541.64673	3599.97437
3618.0	0.0002778	3543.29370	3603.76074
3542.0	0.0002778	3544.93823	3607.66431
3475.0	0.0002873	3546.58032	3611.69458

3571.0	0.0002778	3548.21973	3615.86084
3535.0	0.0002873	3549.85669	3620.17456
3516.0	0.0002873	3551.49072	3624.64746
3510.0	0.0002873	3553.12207	3629.29272
3554.0	0.0002778	3554.75049	3634.12500
3574.0	0.0002778	3556.37622	3639.16089
3566.0	0.0002778	3557.99878	3644.41772
3623.0	0.0002778	3559.61841	3649.91626
3658.0	0.0002778	3561.23511	3655.67822
3581.0	0.0002778	3562.84839	3661.72876
3593.0	0.0002778	3564.45850	3668.09570
3592.0	0.0002778	3566.06543	3703.97192
3636.0	0.0002778	3567.66895	3711.84912
3647.0	0.0002778	3569.26880	3720.18091
3620.0	0.0002778	3570.86523	3729.01392
3637.0	0.0002778	3572.45825	3738.40210
3564.0	0.0002778	3574.04761	3748.40503
3541.0	0.0002778	3575.63330	3759.09204
3685.0	0.0002687	3577.21509	3770.54175
3659.0	0.0002778	3578.79297	3782.84570
3591.0	0.0002778	3580.36719	3796.10791
3629.0	0.0002778	3581.93726	3810.45093
3742.0	0.0002687	3583.50317	3826.01611
3640.0	0.0002778	3585.06543	3842.96973
3744.0	0.0002687	3586.62329	3861.50659
3742.0	0.0002687	3588.17700	3881.85840
3774.0	0.0002687	3589.72632	3904.30005
3763.0	0.0002687	3591.27148	3929.16211
3743.0	0.0002687	3592.81201	3956.84180
3937.0	0.0002520	3594.34790	3987.82275
3817.0	0.0002601	3595.87939	4022.69751
3831.0	0.0002601	3597.40649	4062.19727
3952.0	0.0002520	3598.92896	4107.23486
3910.0	0.0002520	3600.44629	4158.95703
3974.0	0.0002520	3601.95923	4218.82617
3972.0	0.0002520	3603.46729	4288.72412
4092.0	0.0002441	3604.97021	4371.10498
4228.0	0.0002367	3606.46851	4469.21875
4245.0	0.0002367	3607.96118	4587.43262
4436.0	0.0002228	3609.44922	4731.72217
4678.0	0.0002163	3610.93188	4910.44238
4872.0	0.0002041	3612.40942	5135.64746
5272.0	0.0001877	3613.88184	5425.69141
5660.0	0.0001778	3615.34863	5811.06494
6389.0	0.0001562	3616.81030	6347.79932
7306.0	0.0001384	3618.26636	7144.45850
8735.0	0.0001156	3619.71680	8403.02051
10590.0	0.0000943	3621.16187	10452.19922
13623.0	0.0000731	3622.60107	13720.94238
17429.0	0.0000574	3624.03467	18582.35742
22586.0	0.0000444	3625.46265	24934.35938
27793.0	0.0000359	3626.88477	31179.22070
29928.0	0.0000334	3628.30103	33500.45703
27854.0	0.0000359	3629.71143	29820.82031

22104.0	0.0000450	3631.11548	23280.07422
16280.0	0.0000610	3632.51367	17255.40820
12175.0	0.0000826	3633.90601	12834.54883
9406.0	0.0001063	3635.29199	9934.32031
7826.0	0.0001291	3636.67188	8142.58301
6491.0	0.0001524	3638.04541	7047.52881
5904.0	0.0001687	3639.41260	6353.58643
5488.0	0.0001826	3640.77344	5886.68115
5128.0	0.0001929	3642.12793	5555.23096
4912.0	0.0002041	3643.47583	5311.91455
4727.0	0.0002100	3644.81714	5130.59521
4602.0	0.0002163	3646.15210	4995.40137
4437.0	0.0002228	3647.48022	4896.02393
4435.0	0.0002228	3648.80176	4825.59229
4424.0	0.0002228	3650.11646	4779.58154
4357.0	0.0002296	3651.42456	4755.19287
4482.0	0.0002228	3652.72559	4750.99951
4430.0	0.0002228	3654.01953	4766.77734
4487.0	0.0002228	3655.30688	4803.48633
4535.0	0.0002228	3656.58716	4863.38818
4629.0	0.0002163	3657.86035	4950.34131
4672.0	0.0002163	3659.12622	5070.33252
4925.0	0.0002041	3660.38525	5232.43408
5110.0	0.0001984	3661.63672	5450.66064
5432.0	0.0001826	3662.88110	5748.07861
5909.0	0.0001687	3664.11816	6166.28369
6404.0	0.0001562	3665.34790	6785.35889
7609.0	0.0001321	3666.57031	7757.01953
9057.0	0.0001108	3667.78516	9339.16895
11125.0	0.0000907	3668.99243	11893.99121
14621.0	0.0000683	3670.19214	15793.19043
19677.0	0.0000510	3671.38452	21147.10742
25262.0	0.0000396	3672.56909	27112.80859
29219.0	0.0000342	3673.74585	30855.40039
28435.0	0.0000350	3674.91479	29313.66992
23714.0	0.0000422	3676.07617	23867.10547
17660.0	0.0000565	3677.22974	18016.52344
13187.0	0.0000756	3678.37524	13423.16016
10368.0	0.0000961	3679.51294	10283.11914
8546.0	0.0001181	3680.64282	8292.93750
7385.0	0.0001352	3681.76440	7066.33398
6515.0	0.0001524	3682.87817	6293.47754
5884.0	0.0001687	3683.98340	5777.52881
5393.0	0.0001877	3685.08081	5410.35596
5002.0	0.0001984	3686.17017	5135.84131
4767.0	0.0002100	3687.25098	4923.75391
4598.0	0.0002163	3688.32373	4756.18164
4463.0	0.0002228	3689.38818	4621.48828
4420.0	0.0002296	3690.44434	4511.65527
4240.0	0.0002367	3691.49194	4420.96191
4190.0	0.0002367	3692.53076	4345.23389
4168.0	0.0002367	3693.56177	4281.37109
4056.0	0.0002441	3694.58374	4227.03027
4041.0	0.0002441	3695.59741	4180.42041

3936.0	0.0002520	3696.60254	4140.14941
3966.0	0.0002520	3697.59888	4105.12646
3953.0	0.0002520	3698.58667	4074.48389
3987.0	0.0002520	3699.56567	4047.52686
3978.0	0.0002520	3700.53613	4023.69385
3846.0	0.0002601	3701.49731	4002.52539
3869.0	0.0002601	3702.44995	3983.64453
3960.0	0.0002520	3703.39380	3966.73853
3831.0	0.0002601	3704.32861	3951.54590
3858.0	0.0002601	3705.25439	3937.84814
3783.0	0.0002601	3706.17163	3925.46021
3803.0	0.0002601	3707.07935	3914.22388
3861.0	0.0002601	3707.97827	3904.00610
3736.0	0.0002687	3708.86792	3894.69067
3729.0	0.0002687	3709.74878	3886.17896
3768.0	0.0002687	3710.62036	3878.38452
3906.0	0.0002601	3711.48267	3871.23242
3857.0	0.0002601	3712.33594	3912.00830
3754.0	0.0002687	3713.17993	3907.86670
3825.0	0.0002601	3714.01440	3904.31274
3800.0	0.0002601	3714.83984	3869.85278
3808.0	0.0002601	3715.65576	3868.18652
3803.0	0.0002601	3716.46240	3866.99219
3705.0	0.0002687	3717.25952	3866.25269
3793.0	0.0002601	3718.04736	3865.95776
3664.0	0.0002687	3718.82568	3866.10034
3806.0	0.0002601	3719.59424	3866.67822
3807.0	0.0002601	3720.35376	3867.69458
3769.0	0.0002687	3721.10327	3869.15503
3863.0	0.0002601	3721.84351	3871.07251
3821.0	0.0002601	3722.57397	3873.46313
3827.0	0.0002601	3723.29492	3876.34961
3808.0	0.0002601	3724.00586	3879.75928
3930.0	0.0002520	3724.70752	3932.57764
3796.0	0.0002601	3725.39941	3939.09790
3804.0	0.0002601	3726.08130	3946.39014
3786.0	0.0002601	3726.75366	3954.52661
3796.0	0.0002601	3727.41602	3963.59082
3796.0	0.0002601	3728.06860	3973.68311
3852.0	0.0002601	3728.71143	3984.92188
3949.0	0.0002520	3729.34424	3997.44629
3956.0	0.0002520	3729.96729	4011.42334
3818.0	0.0002601	3730.58032	4027.05176
3994.0	0.0002520	3731.18335	4044.57007
3923.0	0.0002520	3731.77661	4064.26636
3906.0	0.0002601	3732.35986	4086.49023
3912.0	0.0002520	3732.93286	4111.66895
4003.0	0.0002520	3733.49585	4140.33105
3947.0	0.0002520	3734.04907	4173.13379
4060.0	0.0002441	3734.59204	4210.90186
4080.0	0.0002441	3735.12476	4254.68555
4055.0	0.0002441	3735.64746	4305.83252
4145.0	0.0002441	3736.16016	4366.10303
4293.0	0.0002296	3736.66260	4437.82178

4286.0	0.0002367	3737.15479	4524.11475
4423.0	0.0002228	3737.63672	4599.75244
4593.0	0.0002163	3738.10864	4730.50098
4661.0	0.0002163	3738.57007	4894.63525
5007.0	0.0001984	3739.02148	5104.95605
5267.0	0.0001877	3739.46265	5382.06738
5827.0	0.0001731	3739.89331	5763.71924
6413.0	0.0001562	3740.31372	6328.90283
7466.0	0.0001352	3740.72388	7247.91553
8846.0	0.0001132	3741.12354	8848.76855
11408.0	0.0000873	3741.51318	11629.69238
15076.0	0.0000661	3741.89209	16092.15039
20606.0	0.0000482	3742.26074	22261.61523
26821.0	0.0000372	3742.61914	28592.40820
29991.0	0.0000334	3742.96680	30945.61914
26824.0	0.0000372	3743.30444	27041.62500
20277.0	0.0000496	3743.63135	20551.34180
14551.0	0.0000683	3743.94800	14949.70313
11067.0	0.0000907	3744.25391	11160.88770
9087.0	0.0001108	3744.54956	8950.34766
7986.0	0.0001262	3744.83472	7795.70361
7294.0	0.0001384	3745.10913	7258.43066
7175.0	0.0001384	3745.37329	7090.06934
7474.0	0.0001352	3745.62695	7206.70898
8003.0	0.0001262	3745.86987	7658.17920
9154.0	0.0001085	3746.10254	8647.97266
11084.0	0.0000907	3746.32422	10572.27637
13892.0	0.0000718	3746.53564	13966.80371
18010.0	0.0000557	3746.73633	19225.03125
23511.0	0.0000427	3746.92676	25913.98828
28120.0	0.0000354	3747.10620	31377.62305
29341.0	0.0000342	3747.27515	31130.40625
24535.0	0.0000406	3747.43359	25368.62305
18200.0	0.0000549	3747.58154	18608.21680
13546.0	0.0000743	3747.71875	13335.12109
10638.0	0.0000943	3747.84521	9898.28027
8657.0	0.0001156	3747.96118	7874.48682
7207.0	0.0001384	3748.06641	6719.12793
6463.0	0.0001562	3748.16113	6028.62354
5821.0	0.0001731	3748.24512	5577.10498
5474.0	0.0001826	3748.31836	5256.62109
5137.0	0.0001929	3748.38110	5016.74072
4885.0	0.0002041	3748.43311	4831.32080
4759.0	0.0002100	3748.47437	4684.76807
4719.0	0.0002100	3748.50513	4566.85107
4481.0	0.0002228	3748.52515	4470.51563
4276.0	0.0002367	3748.53467	4390.75049
4308.0	0.0002296	3748.53320	4323.91992
4187.0	0.0002367	3748.52124	4267.33594
4272.0	0.0002367	3748.49878	4218.97461
4029.0	0.0002520	3748.46533	4177.29004
4106.0	0.0002441	3748.42139	4141.08643
4121.0	0.0002441	3748.36670	4109.42383
3932.0	0.0002520	3748.30103	4081.55884

3989.0	0.0002520	3748.22510	4056.89453
3919.0	0.0002520	3748.13843	4035.11084
4096.0	0.0002441	3748.04102	4015.49023
4048.0	0.0002441	3747.93286	3997.86743
3995.0	0.0002520	3747.81421	3981.97363
3958.0	0.0002520	3747.68481	3967.58252
3816.0	0.0002601	3747.54468	3954.50586
3785.0	0.0002601	3747.39380	3942.58325
3867.0	0.0002601	3747.23242	3931.67944
3874.0	0.0002601	3747.06030	3921.67749
3862.0	0.0002601	3746.87769	3912.47778
3783.0	0.0002601	3746.68433	3857.18506
3837.0	0.0002601	3746.48022	3851.11621
3798.0	0.0002601	3746.26563	3845.52515
3728.0	0.0002687	3746.04028	3840.36255
3885.0	0.0002601	3745.80420	3835.58545
3803.0	0.0002601	3745.55762	3831.15674
3810.0	0.0002601	3745.30054	3827.04370
3817.0	0.0002601	3745.03271	3823.21826
3827.0	0.0002601	3744.75415	3819.65552
3886.0	0.0002601	3744.46509	3816.33350
3867.0	0.0002601	3744.16553	3813.23413
3788.0	0.0002601	3743.85547	3810.34131
3677.0	0.0002687	3743.53442	3807.64014
3848.0	0.0002601	3743.20337	3805.11987
3868.0	0.0002601	3742.86133	3802.77075
3838.0	0.0002601	3742.50879	3800.58496
3723.0	0.0002687	3742.14575	3747.87354
3783.0	0.0002601	3741.77222	3747.94312
3790.0	0.0002601	3741.38818	3748.05664
3825.0	0.0002601	3740.99365	3748.22339
3791.0	0.0002601	3740.58862	3748.45386
3805.0	0.0002601	3740.17310	3748.76245
3771.0	0.0002687	3739.74707	3749.16602
3864.0	0.0002601	3739.31055	3749.68677
3815.0	0.0002601	3738.86353	3750.35181
3831.0	0.0002601	3738.40601	3751.19629
3771.0	0.0002687	3737.93823	3752.26636
3735.0	0.0002687	3737.46021	3753.62158
3796.0	0.0002601	3736.97144	3755.34253
3781.0	0.0002687	3736.47241	3757.53784
3778.0	0.0002687	3735.96313	3760.35986
3782.0	0.0002687	3735.44312	3764.02637
3709.0	0.0002687	3734.91309	3768.87256
3805.0	0.0002601	3734.37256	3775.45581
3771.0	0.0002687	3733.82178	3784.79077
3828.0	0.0002601	3733.26050	3798.77832
3820.0	0.0002601	3732.68921	3820.79663
4081.0	0.0002441	3732.10742	3856.11011
4038.0	0.0002441	3731.51563	3911.39795
4115.0	0.0002441	3730.91357	3992.52466
4310.0	0.0002296	3730.30103	4098.94629
4268.0	0.0002367	3729.67847	4210.29834
4425.0	0.0002228	3729.04541	4271.60840

4482.0	0.0002228	3728.40259	4234.27148
4424.0	0.0002228	3727.74951	4128.90527
4163.0	0.0002367	3727.08643	4016.77148
3965.0	0.0002520	3726.41284	3927.15552
4043.0	0.0002441	3725.72925	3864.26758
3818.0	0.0002601	3725.03564	3823.23462
3855.0	0.0002601	3724.33203	3797.29272
3792.0	0.0002601	3723.61816	3780.69580
3702.0	0.0002687	3722.89453	3769.58325
3883.0	0.0002601	3722.16089	3761.73096
3731.0	0.0002687	3721.41724	3755.96289
3774.0	0.0002687	3720.66357	3751.66968
3800.0	0.0002601	3719.89990	3748.53198
3797.0	0.0002601	3719.12646	3746.40332
3858.0	0.0002601	3718.34277	3745.28394
3682.0	0.0002687	3717.54956	3745.36353
3785.0	0.0002601	3716.74634	3747.12500
3872.0	0.0002601	3715.93311	3751.48169
3814.0	0.0002601	3715.11035	3759.82617
3811.0	0.0002601	3714.27783	3773.79980
3926.0	0.0002520	3713.43530	3794.56519
3989.0	0.0002520	3712.58325	3821.01270
4116.0	0.0002441	3711.72144	3845.80811
4042.0	0.0002441	3710.84961	3853.72070
4012.0	0.0002520	3709.96826	3837.04395
3848.0	0.0002601	3709.07764	3807.72046
3808.0	0.0002601	3708.17700	3779.49805
3837.0	0.0002601	3707.26685	3757.57275
3863.0	0.0002601	3706.34692	3742.14722
3785.0	0.0002601	3705.41772	3731.78613
3860.0	0.0002601	3704.47900	3724.82300
3737.0	0.0002687	3703.53052	3719.92798
3830.0	0.0002601	3702.57275	3716.24023
3796.0	0.0002601	3701.60547	3713.26904
3706.0	0.0002687	3700.62891	3710.75171
3709.0	0.0002687	3699.64258	3708.54248
3805.0	0.0002601	3698.64722	3706.55469
3725.0	0.0002687	3697.64233	3704.73120
3669.0	0.0002687	3696.62817	3703.03198
3809.0	0.0002601	3695.60474	3701.42822
3760.0	0.0002687	3694.57202	3699.89893
3751.0	0.0002687	3693.52979	3698.42749
3721.0	0.0002687	3692.47876	3697.00244
3752.0	0.0002687	3691.41870	3695.61401
3578.0	0.0002778	3690.34912	3694.25391
3708.0	0.0002687	3689.27026	3692.91650
3606.0	0.0002778	3688.18262	3691.59790
3693.0	0.0002687	3687.08569	3690.29297
3652.0	0.0002778	3685.97974	3688.99927
3657.0	0.0002778	3684.86499	3687.71436
3761.0	0.0002687	3683.74097	3686.43530
3618.0	0.0002778	3682.60840	3685.16064
3681.0	0.0002687	3681.46655	3683.88892
3768.0	0.0002687	3680.31592	3682.61865

3756.0	0.0002687	3679.15649	3681.34888
3718.0	0.0002687	3677.98804	3680.07837
3669.0	0.0002687	3676.81104	3678.80664
3815.0	0.0002601	3675.62500	3677.53271
3876.0	0.0002601	3674.43018	3676.25610
3607.0	0.0002778	3673.22705	3674.97656
3789.0	0.0002601	3672.01514	3673.69312
3582.0	0.0002778	3670.79443	3672.40552
3661.0	0.0002687	3669.56494	3671.11328
3760.0	0.0002687	3668.32715	3669.81641
3622.0	0.0002778	3667.08057	3668.51440
3712.0	0.0002687	3665.82568	3667.20703
3764.0	0.0002687	3664.56226	3665.89429
3647.0	0.0002778	3663.29028	3664.57568
3708.0	0.0002687	3662.01001	3663.25146
3713.0	0.0002687	3660.72144	3661.92090
3759.0	0.0002687	3659.42432	3660.58398
3680.0	0.0002687	3658.11890	3659.24097
3804.0	0.0002601	3656.80518	3657.89136
3636.0	0.0002778	3655.48315	3656.53540
3751.0	0.0002687	3654.15283	3655.17261
3761.0	0.0002687	3652.81445	3653.16089
3722.0	0.0002687	3651.46826	3651.80200
3608.0	0.0002778	3650.11353	3650.43506
3703.0	0.0002687	3648.75073	3649.06079
3704.0	0.0002687	3647.37988	3647.67896
3642.0	0.0002778	3646.00098	3646.28955
3685.0	0.0002687	3644.61426	3644.89307
3653.0	0.0002778	3643.21948	3643.48901
3668.0	0.0002687	3641.81689	3642.07764
3734.0	0.0002687	3640.40674	3640.65894
3646.0	0.0002778	3638.98828	3639.23242
3740.0	0.0002687	3637.56201	3637.79858
3733.0	0.0002687	3636.12793	3636.35718
3663.0	0.0002687	3634.68628	3634.90845
3557.0	0.0002778	3633.23706	3633.45264
3638.0	0.0002778	3631.77979	3631.98901
3621.0	0.0002778	3630.31519	3630.51831
3586.0	0.0002778	3628.84277	3629.04004
3552.0	0.0002778	3627.36328	3627.55493
3652.0	0.0002778	3625.87573	3626.06226
3674.0	0.0002687	3624.38110	3624.56250
3702.0	0.0002687	3622.87866	3623.05493
3632.0	0.0002778	3621.36890	3621.54053
3674.0	0.0002687	3619.85205	3620.01929
3588.0	0.0002778	3618.32764	3618.32764
3605.0	0.0002778	3616.79565	3616.79565
3651.0	0.0002778	3615.25708	3615.25708
3678.0	0.0002687	3613.71094	3613.71094
3685.0	0.0002687	3612.15747	3612.15747
3601.0	0.0002778	3610.59692	3610.59692
3667.0	0.0002687	3609.02930	3609.02930
3566.0	0.0002778	3607.45459	3607.45459
3620.0	0.0002778	3605.87280	3605.87280

3584.0	0.0002778	3604.28418	3604.28418
3638.0	0.0002778	3602.68872	3602.68872
3597.0	0.0002778	3601.08594	3601.08594
3635.0	0.0002778	3599.47656	3599.47656
3627.0	0.0002778	3597.86011	3597.86011
3560.0	0.0002778	3596.23706	3596.23706
3593.0	0.0002778	3594.60718	3594.60718
3570.0	0.0002778	3592.97046	3592.97046
3568.0	0.0002778	3591.32715	3591.32715
3585.0	0.0002778	3589.67700	3589.67700
3664.0	0.0002687	3588.02075	3588.02075
3607.0	0.0002778	3586.35767	3586.35767
3633.0	0.0002778	3584.68799	3584.68799
3712.0	0.0002687	3583.01172	3583.01172
3696.0	0.0002687	3581.32910	3581.32910
3627.0	0.0002778	3579.64014	3579.64014
3620.0	0.0002778	3577.94458	3577.94458
3586.0	0.0002778	3576.24268	3576.24268
3640.0	0.0002778	3574.53491	3574.53491
3563.0	0.0002778	3572.82080	3572.82080
3636.0	0.0002778	3571.10010	3571.10010
3638.0	0.0002778	3569.37329	3569.37329
3618.0	0.0002778	3567.64038	3567.64038
3627.0	0.0002778	3565.90137	3565.90137
3512.0	0.0002873	3564.15649	3564.15649
3637.0	0.0002778	3562.40552	3562.40552
3576.0	0.0002778	3560.64868	3560.64868
3517.0	0.0002873	3558.88574	3558.88574
3554.0	0.0002778	3557.11694	3557.11694
3608.0	0.0002778	3555.34229	3555.34229
3582.0	0.0002778	3553.56177	3553.56177
3643.0	0.0002778	3551.77539	3551.77539
3533.0	0.0002873	3549.98340	3549.98340
3524.0	0.0002873	3548.18555	3548.18555
3574.0	0.0002778	3546.38208	3546.38208
3668.0	0.0002687	3544.57349	3544.57349
3573.0	0.0002778	3542.75903	3542.75903
3582.0	0.0002778	3540.93872	3540.93872
3607.0	0.0002778	3539.11304	3539.11304
3517.0	0.0002873	3537.28223	3537.28223
3573.0	0.0002778	3535.44556	3535.44556
3581.0	0.0002778	3533.60376	3533.60376
3561.0	0.0002778	3531.75659	3531.75659
3557.0	0.0002778	3529.90454	3529.90454
3611.0	0.0002778	3528.04688	3528.04688
3570.0	0.0002778	3526.18384	3526.18384
3569.0	0.0002778	3524.31567	3524.31567
3592.0	0.0002778	3522.44238	3522.44238
3585.0	0.0002778	3520.56421	3520.56421
3550.0	0.0002778	3518.68091	3518.68091
3572.0	0.0002778	3516.79248	3516.79248
3550.0	0.0002778	3514.89941	3514.89941
3556.0	0.0002778	3513.00122	3513.00122
3521.0	0.0002873	3511.09814	3511.09814

3585.0	0.0002778	3509.19019	3509.19019
3558.0	0.0002778	3507.27734	3507.27734
3502.0	0.0002873	3505.35986	3505.35986
3485.0	0.0002873	3503.43750	3503.43750
3582.0	0.0002778	3501.51074	3501.51074
3531.0	0.0002873	3499.57935	3499.57935
3482.0	0.0002873	3497.64331	3497.64331
3592.0	0.0002778	3495.70288	3495.70288
3567.0	0.0002778	3493.75757	3493.75757
3521.0	0.0002873	3491.80786	3491.80786
3518.0	0.0002873	3489.85376	3489.85376
3564.0	0.0002778	3487.89526	3487.89526
3584.0	0.0002778	3485.93262	3485.93262
3502.0	0.0002873	3483.96533	3483.96533
3552.0	0.0002778	3481.99438	3481.99438
3532.0	0.0002873	3480.01880	3480.01880
3525.0	0.0002873	3478.03882	3478.03882
3460.0	0.0002873	3476.05493	3476.05493
3567.0	0.0002778	3474.06689	3474.06689
3456.0	0.0002873	3472.07471	3472.07471
3508.0	0.0002873	3470.07861	3470.07861
3520.0	0.0002873	3468.07861	3468.07861
3469.0	0.0002873	3466.07495	3466.07495
3457.0	0.0002873	3464.06689	3464.06689
3461.0	0.0002873	3462.05518	3462.05518
3460.0	0.0002873	3460.03955	3460.03955
3531.0	0.0002873	3458.02002	3458.02002
3408.0	0.0002973	3455.99707	3455.99707
3589.0	0.0002778	3453.97021	3453.97021
3471.0	0.0002873	3451.93970	3451.93970
3476.0	0.0002873	3449.90576	3449.90576
3472.0	0.0002873	3447.86841	3447.86841
3467.0	0.0002873	3445.82715	3445.82715
3500.0	0.0002873	3443.78247	3443.78247
3452.0	0.0002873	3441.73462	3441.73462
3469.0	0.0002873	3439.68286	3439.68286
3452.0	0.0002873	3437.62817	3437.62817
3522.0	0.0002873	3435.57007	3435.57007
3529.0	0.0002873	3433.50830	3433.50830
3529.0	0.0002873	3431.44409	3431.44409
3420.0	0.0002973	3429.37598	3429.37598
3499.0	0.0002873	3427.30518	3427.30518
3441.0	0.0002873	3425.23096	3425.23096
3367.0	0.0002973	3423.15356	3423.15356
3407.0	0.0002973	3421.07324	3421.07324
3509.0	0.0002873	3418.98975	3418.98975
3438.0	0.0002873	3416.90332	3416.90332
3423.0	0.0002873	3414.81470	3414.81470
3409.0	0.0002973	3412.72266	3412.72266
3507.0	0.0002873	3410.62744	3410.62744
3484.0	0.0002873	3408.52954	3408.52954
3526.0	0.0002873	3406.42920	3406.42920
3419.0	0.0002973	3404.32593	3404.32593
3394.0	0.0002973	3402.21997	3402.21997

3469.0	0.0002873	3400.11157	3400.11157
3442.0	0.0002873	3398.00024	3398.00024
3440.0	0.0002873	3395.88672	3395.88672
3407.0	0.0002973	3393.77051	3393.77051
3519.0	0.0002873	3391.65186	3391.65186
3445.0	0.0002873	3389.53052	3402.22925
3469.0	0.0002873	3387.40674	3400.44604
3448.0	0.0002873	3385.28101	3398.67480
3445.0	0.0002873	3383.15259	3396.91577
3437.0	0.0002873	3381.02197	3395.16968
3391.0	0.0002973	3378.88940	3393.43823
3428.0	0.0002873	3376.75415	3391.72144
3455.0	0.0002873	3374.61719	3390.02100
3391.0	0.0002973	3372.47754	3388.33740
3404.0	0.0002973	3370.33594	3386.67236
3446.0	0.0002873	3368.19263	3385.02734
3461.0	0.0002873	3366.04688	3383.40308
3403.0	0.0002973	3363.89941	3381.80151
3418.0	0.0002973	3361.75024	3380.22461
3405.0	0.0002973	3359.59912	3378.67358
3361.0	0.0002973	3357.44556	3377.14966
3364.0	0.0002973	3355.29053	3375.65625
3401.0	0.0002973	3353.13379	3374.19458
3449.0	0.0002873	3350.97510	3372.76758
3378.0	0.0002973	3348.81470	3371.37720
3433.0	0.0002873	3346.65259	3370.02686
3417.0	0.0002973	3344.48901	3368.71973
3358.0	0.0002973	3342.32397	3367.45898
3350.0	0.0002973	3340.15723	3366.24780
3447.0	0.0002873	3337.98901	3365.09082
3397.0	0.0002973	3335.81885	3363.99170
3357.0	0.0002973	3333.64771	3362.95654
3352.0	0.0002973	3331.47510	3361.98975
3334.0	0.0002973	3329.30078	3361.09717
3382.0	0.0002973	3327.12524	3360.28564
3403.0	0.0002973	3324.94897	3359.56299
3381.0	0.0002973	3322.77100	3358.93628
3376.0	0.0002973	3320.59180	3358.41479
3468.0	0.0002873	3318.41138	3358.00854
3388.0	0.0002973	3316.22974	3357.72876
3463.0	0.0002873	3314.04688	3357.58765
3349.0	0.0002973	3311.86304	3357.60010
3399.0	0.0002973	3309.67822	3357.78149
3333.0	0.0002973	3307.49292	3358.15039
3417.0	0.0002973	3305.30591	3358.72632
3278.0	0.0003078	3303.11816	3359.53345
3374.0	0.0002973	3300.92969	3360.59790
3314.0	0.0002973	3298.73999	3361.95044
3294.0	0.0003078	3296.54932	3363.62598
3373.0	0.0002973	3294.35840	3365.66602
3256.0	0.0003078	3292.16626	3368.11694
3339.0	0.0002973	3289.97363	3371.03467
3401.0	0.0002973	3287.78052	3374.48340
3327.0	0.0002973	3285.58667	3378.53931

3392.0	0.0002973	3283.39185	3383.29248
3372.0	0.0002973	3281.19653	3388.85059
3349.0	0.0002973	3279.00073	3395.34253
3420.0	0.0002973	3276.80444	3402.92383
3427.0	0.0002873	3274.60767	3411.78394
3431.0	0.0002873	3272.41040	3422.15454
3374.0	0.0002973	3270.21289	3434.32202
3411.0	0.0002973	3268.01489	3448.64307
3415.0	0.0002973	3265.81641	3465.56738
3341.0	0.0002973	3263.61792	3485.66675
3369.0	0.0002973	3261.41870	3509.67676
3550.0	0.0002778	3259.21948	3538.55737
3529.0	0.0002873	3257.02002	3573.57617
3574.0	0.0002778	3254.82031	3616.43506
3573.0	0.0002778	3252.62085	3669.46094
3643.0	0.0002778	3250.42090	3735.90918
3597.0	0.0002778	3248.22095	3820.51733
3790.0	0.0002601	3246.02075	3930.67139
3897.0	0.0002601	3243.82080	4079.15698
4129.0	0.0002441	3241.62061	4290.41406
4512.0	0.0002228	3239.42065	4612.48682
4929.0	0.0002041	3237.22046	5133.38672
5520.0	0.0001826	3235.02075	5990.74316
6648.0	0.0001487	3232.82153	7352.39160
8401.0	0.0001181	3230.62207	9343.99219
10591.0	0.0000943	3228.42261	11887.51270
13307.0	0.0000756	3226.22363	14358.08008
15222.0	0.0000661	3224.02466	15361.99512
14582.0	0.0000683	3221.82617	14063.51270
11547.0	0.0000873	3219.62793	11509.35840
8579.0	0.0001156	3217.43018	9017.69043
6655.0	0.0001487	3215.23315	7111.03223
5640.0	0.0001778	3213.03613	5824.09131
4915.0	0.0002041	3210.83960	5018.49365
4524.0	0.0002228	3208.64380	4527.68701
4113.0	0.0002441	3206.44800	4220.65430
3984.0	0.0002520	3204.25293	4015.81592
3754.0	0.0002687	3202.05859	3869.31372
3687.0	0.0002687	3199.86499	3758.88110
3634.0	0.0002778	3197.67212	3672.74463
3526.0	0.0002873	3195.47949	3603.99414
3551.0	0.0002778	3193.28784	3548.14697
3425.0	0.0002873	3191.09668	3502.09961
3369.0	0.0002973	3188.90625	3463.62695
3386.0	0.0002973	3186.71680	3431.09668
3350.0	0.0002973	3184.52808	3403.28906
3405.0	0.0002973	3182.34009	3379.28027
3324.0	0.0002973	3180.15332	3358.36060
3253.0	0.0003078	3177.96753	3339.97705
3281.0	0.0003078	3175.78223	3323.69409
3232.0	0.0003078	3173.59790	3309.16577
3218.0	0.0003078	3171.41479	3296.11499
3222.0	0.0003078	3169.23267	3284.31567
3289.0	0.0003078	3167.05127	3273.58398

3265.0	0.0003078	3164.87134	3263.76880
3239.0	0.0003078	3162.69214	3254.74390
3241.0	0.0003078	3160.51465	3246.40552
3250.0	0.0003078	3158.33789	3238.66431
3261.0	0.0003078	3156.16235	3231.44653
3294.0	0.0003078	3153.98804	3224.68896
3238.0	0.0003078	3151.81470	3218.33765
3261.0	0.0003078	3149.64282	3212.34644
3194.0	0.0003078	3147.47217	3206.67554
3256.0	0.0003078	3145.30273	3201.29028
3210.0	0.0003078	3143.13525	3196.16162
3268.0	0.0003078	3140.96851	3191.26196
3194.0	0.0003078	3138.80347	3186.56982
3213.0	0.0003078	3136.63965	3182.06421
3244.0	0.0003078	3134.47729	3177.72778
3239.0	0.0003078	3132.31641	3173.54517
3199.0	0.0003078	3130.15674	3169.50195
3107.0	0.0003189	3127.99902	3165.58667
3220.0	0.0003078	3125.84253	3161.78784
3221.0	0.0003078	3123.68823	3158.09619
3214.0	0.0003078	3121.53491	3154.50220
3079.0	0.0003306	3119.38330	3150.99805
3266.0	0.0003078	3117.23340	3147.57739
3046.0	0.0003306	3115.08496	3144.23315
3160.0	0.0003189	3112.93848	3140.95996
3139.0	0.0003189	3110.79370	3137.75269
3098.0	0.0003189	3108.65039	3134.60596
3077.0	0.0003306	3106.50928	3131.51660
3167.0	0.0003189	3104.36963	3128.47949
3174.0	0.0003189	3102.23193	3125.49170
3162.0	0.0003189	3100.09595	3122.55005
3138.0	0.0003189	3097.96167	3119.65088
3113.0	0.0003189	3095.82959	3116.79248
3292.0	0.0003078	3093.69897	3113.97144
3166.0	0.0003189	3091.57056	3111.18604
3089.0	0.0003189	3089.44434	3108.43433
3121.0	0.0003189	3087.32007	3105.71387
3213.0	0.0003078	3085.19727	3103.02271
3086.0	0.0003189	3083.07666	3100.35938
3188.0	0.0003189	3080.95825	3097.72290
3020.0	0.0003306	3078.84155	3095.11084
3096.0	0.0003189	3076.72705	3092.52271
3216.0	0.0003078	3074.61499	3089.95752
3032.0	0.0003306	3072.50464	3087.41309
3068.0	0.0003306	3070.39697	3084.88965
3108.0	0.0003189	3068.29102	3082.38477
2985.0	0.0003306	3066.18726	3079.89868
3107.0	0.0003189	3064.08569	3077.42993
3130.0	0.0003189	3061.98633	3074.97778
3047.0	0.0003306	3059.88940	3059.88940
3110.0	0.0003189	3057.79443	3057.79443
3029.0	0.0003306	3055.70166	3055.70166
3100.0	0.0003189	3053.61182	3053.61182
3153.0	0.0003189	3051.52417	3051.52417

3078.0	0.0003306	3049.43823	3049.43823
3018.0	0.0003306	3047.35498	3047.35498
3060.0	0.0003306	3045.27417	3045.27417
3091.0	0.0003189	3043.19556	3043.19556
3053.0	0.0003306	3041.11938	3041.11938
3084.0	0.0003189	3039.04590	3039.04590
3083.0	0.0003189	3036.97510	3036.97510
3138.0	0.0003189	3034.90625	3034.90625
3110.0	0.0003189	3032.83984	3032.83984
3060.0	0.0003306	3030.77637	3030.77637
3063.0	0.0003306	3028.71484	3028.71484
3045.0	0.0003306	3026.65625	3026.65625
3074.0	0.0003306	3024.60010	3024.60010
2998.0	0.0003306	3022.54639	3022.54639
3033.0	0.0003306	3020.49536	3020.49536
3043.0	0.0003306	3018.44727	3018.44727
2985.0	0.0003306	3016.40161	3016.40161
3021.0	0.0003306	3014.35840	3014.35840
3178.0	0.0003189	3012.31787	3012.31787
2967.0	0.0003429	3010.28003	3010.28003
3239.0	0.0003078	3008.24512	3008.24512
3129.0	0.0003189	3006.21265	3006.21265
2976.0	0.0003306	3004.18311	3004.18311
3118.0	0.0003189	3002.15625	3002.15625
2931.0	0.0003429	3000.13208	3000.13208
2958.0	0.0003429	2998.11060	2998.11060
2972.0	0.0003306	2996.09180	2996.09180
3061.0	0.0003306	2994.07617	2994.07617
3014.0	0.0003306	2992.06299	2992.06299
2960.0	0.0003429	2990.05273	2990.05273
2911.0	0.0003429	2988.04541	2988.04541
3032.0	0.0003306	2986.04126	2986.04126
2991.0	0.0003306	2984.03955	2984.03955
3000.0	0.0003306	2982.04077	2982.04077
2934.0	0.0003429	2980.04492	2980.04492
3083.0	0.0003189	2978.05176	2978.05176
2994.0	0.0003306	2976.06177	2976.06177
3041.0	0.0003306	2974.07471	2974.07471
3117.0	0.0003189	2972.09058	2972.09058
2974.0	0.0003306	2970.10938	2970.10938
3002.0	0.0003306	2968.13135	2968.13135
3019.0	0.0003306	2966.15625	2966.15625
2973.0	0.0003306	2964.18408	2964.18408
3025.0	0.0003306	2962.21460	2962.21460
2986.0	0.0003306	2960.24854	2960.24854
3011.0	0.0003306	2958.28540	2958.28540
2979.0	0.0003306	2956.32520	2956.32520
2937.0	0.0003429	2954.36841	2954.36841
3015.0	0.0003306	2952.41479	2952.41479
3030.0	0.0003306	2950.46387	2950.46387
2899.0	0.0003429	2948.51611	2948.51611
2931.0	0.0003429	2946.57153	2946.57153
3041.0	0.0003306	2944.62988	2944.62988
2980.0	0.0003306	2942.69141	2942.69141

2972.0	0.0003306	2940.75635	2940.75635
3064.0	0.0003306	2938.82422	2938.82422
2978.0	0.0003306	2936.89551	2936.89551
3035.0	0.0003306	2934.96973	2934.96973
2932.0	0.0003429	2933.04736	2933.04736
2980.0	0.0003306	2931.12793	2931.12793
2956.0	0.0003429	2929.21167	2929.21167
2971.0	0.0003306	2927.29883	2927.29883
3023.0	0.0003306	2925.38892	2925.38892
2923.0	0.0003429	2923.48242	2923.48242
3010.0	0.0003306	2921.57935	2921.57935
2948.0	0.0003429	2919.67969	2919.67969
3003.0	0.0003306	2917.78271	2917.78271
2988.0	0.0003306	2915.88916	2915.88916
2817.0	0.000356	2913.99927	2913.99927
2927.0	0.0003429	2912.11230	2912.11230
3000.0	0.0003306	2910.22852	2910.22852
2953.0	0.0003429	2908.34839	2908.34839
2914.0	0.0003429	2906.47119	2906.47119
2929.0	0.0003429	2904.59790	2904.59790
2965.0	0.0003429	2902.72754	2902.72754
2942.0	0.0003429	2900.86060	2900.86060
2996.0	0.0003306	2898.99707	2898.99707
2982.0	0.0003306	2897.13647	2897.13647
2953.0	0.0003429	2895.27954	2895.27954
2918.0	0.0003429	2893.42603	2893.42603
2848.0	0.000356	2891.57593	2891.57593
2940.0	0.0003429	2889.72925	2889.72925
3022.0	0.0003306	2887.88574	2887.88574
2955.0	0.0003429	2886.04590	2886.04590
2924.0	0.0003429	2884.20923	2884.20923
2891.0	0.0003429	2882.37573	2882.37573
3049.0	0.0003306	2880.54614	2880.54614
2863.0	0.0003429	2878.71973	2878.71973
2942.0	0.0003429	2876.89648	2881.24683
2963.0	0.0003429	2875.07715	2879.54370
2956.0	0.0003429	2873.26123	2877.84839
2857.0	0.000356	2871.44849	2876.16162
2963.0	0.0003429	2869.63916	2874.48315
2867.0	0.0003429	2867.83350	2872.81396
2927.0	0.0003429	2866.03101	2871.15381
2932.0	0.0003429	2864.23218	2869.50366
3023.0	0.0003306	2862.43677	2867.86328
2869.0	0.0003429	2860.64478	2866.23340
2983.0	0.0003306	2858.85669	2864.61475
2995.0	0.0003306	2857.07153	2863.00684
2933.0	0.0003429	2855.29004	2861.41089
3006.0	0.0003306	2853.51196	2859.82715
2876.0	0.0003429	2851.73730	2858.25635
2873.0	0.0003429	2849.96655	2856.69946
2958.0	0.0003429	2848.19873	2855.15601
2951.0	0.0003429	2846.43457	2853.62769
2982.0	0.0003306	2844.67432	2852.11548
2834.0	0.000356	2842.91748	2850.61987

3026.0	0.0003306	2841.16382	2849.14136
2956.0	0.0003429	2839.41382	2847.68140
2973.0	0.0003306	2837.66748	2846.24121
2999.0	0.0003306	2835.92432	2844.82129
2926.0	0.0003429	2834.18481	2843.42407
2834.0	0.000356	2832.44897	2842.05029
2834.0	0.000356	2830.71631	2840.70142
2789.0	0.000356	2828.98779	2839.38013
2886.0	0.0003429	2827.26245	2838.08765
2796.0	0.000356	2825.54053	2836.82593
2947.0	0.0003429	2823.82227	2835.59766
2897.0	0.0003429	2822.10742	2834.40576
2854.0	0.000356	2820.39624	2833.25269
2875.0	0.0003429	2818.68848	2832.14209
2804.0	0.000356	2816.98438	2831.07739
2854.0	0.000356	2815.28394	2830.06323
2935.0	0.0003429	2813.58691	2829.10352
2900.0	0.0003429	2811.89331	2828.20386
2902.0	0.0003429	2810.20337	2827.37012
2924.0	0.0003429	2808.51709	2826.60913
2903.0	0.0003429	2806.83398	2825.92773
2851.0	0.000356	2805.15454	2825.33545
2876.0	0.0003429	2803.47876	2824.84204
2862.0	0.000356	2801.80664	2824.45898
2911.0	0.0003429	2800.13794	2824.19922
2862.0	0.000356	2798.47290	2824.07813
2861.0	0.000356	2796.81104	2824.11304
2912.0	0.0003429	2795.15308	2824.32568
2931.0	0.0003429	2793.49854	2824.73950
2851.0	0.000356	2791.84741	2825.38354
2855.0	0.000356	2790.19995	2826.29248
2854.0	0.000356	2788.55591	2827.50659
2826.0	0.000356	2786.91577	2829.07568
2843.0	0.000356	2785.27881	2831.05835
2942.0	0.0003429	2783.64575	2833.52808
2976.0	0.0003306	2782.01587	2836.57300
2891.0	0.0003429	2780.38965	2840.30420
2911.0	0.0003429	2778.76685	2844.85938
2919.0	0.0003429	2777.14771	2850.41333
2980.0	0.0003306	2775.53198	2857.18799
2828.0	0.000356	2773.92017	2865.47168
2971.0	0.0003306	2772.31152	2875.63916
2899.0	0.0003429	2770.70654	2888.19189
2969.0	0.0003429	2769.10474	2903.80908
2928.0	0.0003429	2767.50684	2953.62891
2943.0	0.0003429	2765.91235	2979.53101
2968.0	0.0003429	2764.32129	3013.21973
3033.0	0.0003306	2762.73389	3058.62866
3113.0	0.0003189	2761.15015	3122.62964
3220.0	0.0003078	2759.56958	3216.78296
3322.0	0.0002973	2757.99243	3358.79883
3628.0	0.0002778	2756.41895	3572.17773
3827.0	0.0002601	2754.84888	3882.09204
4343.0	0.0002296	2753.28247	4305.23535

4993.0	0.0001984	2751.71948	4827.34863
5715.0	0.0001731	2750.15991	5355.46973
6507.0	0.0001524	2748.60376	5675.63232
6521.0	0.0001524	2747.05151	5584.27246
5698.0	0.0001778	2745.50244	5145.44385
4759.0	0.0002100	2743.95679	4600.36182
4222.0	0.0002367	2742.41455	4113.67627
3694.0	0.0002687	2740.87598	3738.03955
3473.0	0.0002873	2739.34058	3470.77954
3250.0	0.0003078	2737.80884	3289.90259
3202.0	0.0003078	2736.28052	3170.12061
3101.0	0.0003189	2734.75610	3090.11108
2990.0	0.0003306	2733.23438	3034.83325
2987.0	0.0003306	2731.71631	2994.90845
3016.0	0.0003306	2730.20190	2964.89380
2932.0	0.0003429	2728.69067	2941.67139
2963.0	0.0003429	2727.18286	2923.38306
2948.0	0.0003429	2725.67871	2908.83789
2899.0	0.0003429	2724.17773	2897.22192
2872.0	0.0003429	2722.68042	2887.95410
2935.0	0.0003429	2721.18628	2880.60645
2917.0	0.0003429	2719.69556	2874.86182
2933.0	0.0003429	2718.20825	2870.48267
2820.0	0.000356	2716.72437	2867.29004
2940.0	0.0003429	2715.24365	2865.15137
2889.0	0.0003429	2713.76660	2863.96924
2857.0	0.000356	2712.29272	2863.67383
2909.0	0.0003429	2710.82227	2892.58008
2874.0	0.0003429	2709.35522	2894.70068
2894.0	0.0003429	2707.89160	2897.65723
2844.0	0.000356	2706.43115	2901.45776
2905.0	0.0003429	2704.97388	2906.12549
2952.0	0.0003429	2703.52026	2911.69800
2921.0	0.0003429	2702.06982	2918.22827
2919.0	0.0003429	2700.62256	2925.78491
2921.0	0.0003429	2699.17871	2934.45483
2978.0	0.0003306	2697.73853	2944.34497
2989.0	0.0003306	2696.30127	2955.58423
2944.0	0.0003429	2694.86719	2968.32837
2949.0	0.0003429	2693.43677	2982.76611
2969.0	0.0003429	2692.00928	2999.12256
2942.0	0.0003429	2690.58496	3017.67017
2975.0	0.0003306	2689.16431	3038.73901
3068.0	0.0003306	2687.74658	3062.72827
3027.0	0.0003306	2686.33252	3090.12842
3035.0	0.0003306	2684.92139	3121.54004
3147.0	0.0003189	2683.51343	3157.70972
3144.0	0.0003189	2682.10864	3199.57202
3180.0	0.0003189	2680.70703	3248.30420
3237.0	0.0003078	2679.30908	3305.41113
3339.0	0.0002973	2677.91382	3372.83179
3469.0	0.0002873	2676.52173	3453.10303
3609.0	0.0002778	2675.13330	3549.58838
3633.0	0.0002778	2673.74805	3666.82642

3805.0	0.0002601	2672.36548	3811.10181
4096.0	0.0002441	2670.98633	3991.49951
4367.0	0.0002296	2669.61035	4222.10498
4815.0	0.0002100	2668.23730	4526.86816
5320.0	0.0001877	2666.86743	4949.60596
6096.0	0.0001644	2665.50098	5571.31104
7154.0	0.0001384	2664.13721	6532.04102
8576.0	0.0001156	2662.77710	8043.59277
10651.0	0.0000943	2661.41968	10367.55566
13463.0	0.0000743	2660.06543	13731.95410
17122.0	0.0000583	2658.71436	18151.49219
21541.0	0.0000463	2657.36597	23043.12305
25540.0	0.0000391	2656.02100	26656.54688
26700.0	0.0000376	2654.67896	26706.95898
24205.0	0.0000411	2653.34009	23159.72656
19042.0	0.0000525	2652.00439	18282.86523
14151.0	0.0000706	2650.67163	13854.38965
10862.0	0.0000925	2649.34155	10477.10840
8520.0	0.0001181	2648.01465	8144.32813
7085.0	0.0001417	2646.69092	6630.44678
5992.0	0.0001687	2645.36987	5673.62061
5376.0	0.0001877	2644.05176	5060.74512
4697.0	0.0002100	2642.73706	4650.48047
4380.0	0.0002296	2641.42505	4361.03467
4162.0	0.0002367	2640.11621	4143.87402
3919.0	0.0002520	2638.81006	3984.05200
3860.0	0.0002601	2637.50684	3863.22412
3705.0	0.0002687	2636.20654	3772.74683
3553.0	0.0002778	2634.90918	3706.92310
3628.0	0.0002778	2633.61475	3661.97095
3580.0	0.0002778	2632.32324	3635.49194
3541.0	0.0002778	2631.03442	3626.18286
3557.0	0.0002778	2629.74878	3633.69287
3600.0	0.0002778	2628.46582	3658.58545
3625.0	0.0002778	2627.18579	3702.40869
3719.0	0.0002687	2625.90845	3767.88013
3797.0	0.0002601	2624.63403	3859.25024
4018.0	0.0002520	2623.36230	3983.00171
4281.0	0.0002367	2622.09351	4149.30762
4646.0	0.0002163	2620.82739	4375.24951
5075.0	0.0001984	2619.56445	4703.71240
5840.0	0.0001731	2618.30396	5168.26953
6616.0	0.0001524	2617.04614	5882.77051
7967.0	0.0001262	2615.79126	7010.24316
9491.0	0.0001063	2614.53906	8769.88770
12024.0	0.0000826	2613.28955	11388.02051
15354.0	0.0000650	2612.04272	14996.75781
19461.0	0.0000510	2610.79883	19328.28125
23628.0	0.0000422	2609.55737	23328.71875
25478.0	0.0000391	2608.31885	24947.32031
23927.0	0.0000416	2607.08276	22999.63867
19916.0	0.0000503	2605.84961	18874.15820
15605.0	0.0000640	2604.61890	14568.78027
12208.0	0.0000826	2603.39063	11049.90332

9724.0	0.0001020	2602.16553	8504.63477
8000.0	0.0001262	2600.94263	6797.90381
6630.0	0.0001524	2599.72241	5700.16357
5810.0	0.0001731	2598.50513	4996.11133
5056.0	0.0001984	2597.29028	4528.59180
4720.0	0.0002100	2596.07764	4200.32080
4280.0	0.0002367	2594.86792	3956.92041
4103.0	0.0002441	2593.66064	3768.94043
3868.0	0.0002601	2592.45581	3619.75269
3578.0	0.0002778	2591.25342	3499.12451
3463.0	0.0002873	2590.05396	3400.20825
3382.0	0.0002973	2588.85693	3318.15186
3267.0	0.0003078	2587.66211	3249.40088
3195.0	0.0003078	2586.46997	3191.29785
3094.0	0.0003189	2585.28027	3141.82324
3145.0	0.0003189	2584.09302	3099.42261
3081.0	0.0003189	2582.90820	3062.88599
3014.0	0.0003306	2581.72583	3031.26147
2913.0	0.0003429	2580.54565	3003.79346
2942.0	0.0003429	2579.36816	2979.87939
2953.0	0.0003429	2578.19336	2959.03223
2931.0	0.0003429	2577.02075	2940.85913
2891.0	0.0003429	2575.85034	2925.04126
2894.0	0.0003429	2574.68213	2911.32031
2877.0	0.0003429	2573.51660	2899.48706
2811.0	0.000356	2572.35327	2889.37207
2806.0	0.000356	2571.19214	2880.84180
2892.0	0.0003429	2570.03369	2873.79175
2807.0	0.000356	2568.87744	2868.14429
2802.0	0.000356	2567.72339	2863.84326
2810.0	0.000356	2566.57153	2860.85645
2770.0	0.000356	2565.42188	2859.17212
2780.0	0.000356	2564.27490	2858.79858
2771.0	0.000356	2563.12988	2859.76489
2800.0	0.000356	2561.98706	2831.12500
2758.0	0.000356	2560.84668	2835.75562
2785.0	0.000356	2559.70850	2841.92725
2796.0	0.000356	2558.57227	2849.77539
2803.0	0.000356	2557.43823	2859.47363
2732.0	0.000370	2556.30664	2871.23950
2769.0	0.000356	2555.17700	2885.34302
2795.0	0.000356	2554.04956	2902.12280
2804.0	0.000356	2552.92432	2921.99976
2842.0	0.000356	2551.80103	2945.50293
2824.0	0.000356	2550.67993	2973.29932
2914.0	0.0003429	2549.56104	3006.23706
2969.0	0.0003429	2548.44434	3045.40723
2858.0	0.000356	2547.32935	3092.22437
2946.0	0.0003429	2546.21655	3148.55420
3021.0	0.0003306	2545.10596	3216.89111
3040.0	0.0003306	2543.99731	3300.64771
3127.0	0.0003189	2542.89063	3404.66772
3250.0	0.0003078	2541.78613	3536.29712
3368.0	0.0002973	2540.68384	3707.85425

3524.0	0.0002873	2539.58301	3942.12695
3755.0	0.0002687	2538.48438	4282.74219
4213.0	0.0002367	2537.38770	4808.48535
4867.0	0.0002041	2536.29297	5642.86377
6032.0	0.0001644	2535.20020	6941.09668
7891.0	0.0001262	2534.10938	8836.82715
10733.0	0.0000925	2533.02051	11332.43848
14446.0	0.0000694	2531.93359	14079.23242
17404.0	0.0000574	2530.84839	16125.63770
17928.0	0.0000557	2529.76538	16578.20313
16589.0	0.0000601	2528.68384	16048.61035
15104.0	0.0000661	2527.60425	15910.15430
15921.0	0.0000630	2526.52661	16801.04492
18191.0	0.0000549	2525.45068	18296.45703
19386.0	0.0000518	2524.37646	18921.26367
17715.0	0.0000565	2523.30444	17365.62109
14591.0	0.0000683	2522.23413	14263.28906
10938.0	0.0000907	2521.16553	11018.08496
8174.0	0.0001235	2520.09839	8423.01563
6529.0	0.0001524	2519.03345	6584.88965
5317.0	0.0001877	2517.96997	5385.45166
4613.0	0.0002163	2516.90820	4634.03027
4179.0	0.0002367	2515.84839	4159.37549
3762.0	0.0002687	2514.79004	3843.77295
3555.0	0.0002778	2513.73364	3619.22192
3319.0	0.0002973	2512.67871	3450.01978
3135.0	0.0003189	2511.62573	3317.50415
3142.0	0.0003189	2510.57397	3211.12061
3109.0	0.0003189	2509.52393	3124.21948
2888.0	0.0003429	2508.47583	3052.24536
2936.0	0.0003429	2507.42920	2991.92212
2903.0	0.0003429	2506.38403	2940.82910
2838.0	0.000356	2505.34082	2897.14307
2774.0	0.000356	2504.29883	2859.46924
2666.0	0.000370	2503.25879	2826.72656
2651.0	0.000384	2502.21997	2798.06592
2674.0	0.000370	2501.18262	2772.81445
2733.0	0.000370	2500.14697	2750.43262
2659.0	0.000370	2499.11279	2730.48291
2575.0	0.000384	2498.08032	2712.60962
2678.0	0.000370	2497.04907	2696.51855
2667.0	0.000370	2496.01978	2681.96680
2626.0	0.000384	2494.99146	2675.79150
2631.0	0.000384	2493.96460	2663.93066
2607.0	0.000384	2492.93945	2653.09912
2619.0	0.000384	2491.91553	2643.17456
2640.0	0.000384	2490.89307	2634.05322
2608.0	0.000384	2489.87231	2625.64600
2603.0	0.000384	2488.85254	2617.87573
2605.0	0.000384	2487.83472	2610.67651
2604.0	0.000384	2486.81763	2603.98975
2590.0	0.000384	2485.80225	2597.76587
2672.0	0.000370	2484.78809	2591.96069
2572.0	0.000384	2483.77539	2586.53613

2606.0	0.000384	2482.76392	2581.45801
2596.0	0.000384	2481.75391	2576.69751
2602.0	0.000384	2480.74487	2572.22729
2559.0	0.000384	2479.73755	2573.27832
2540.0	0.000400	2478.73145	2569.42407
2489.0	0.000400	2477.72632	2565.80225
2571.0	0.000384	2476.72266	2562.39673
2590.0	0.000384	2475.72021	2559.19360
2585.0	0.000384	2474.71899	2556.18091
2556.0	0.000384	2473.71875	2553.34692
2559.0	0.000384	2472.71997	2550.68311
2502.0	0.000400	2471.72241	2548.18115
2573.0	0.000384	2470.72607	2545.83350
2557.0	0.000384	2469.73071	2543.63477
2595.0	0.000384	2468.73682	2541.57983
2568.0	0.000384	2467.74390	2539.66431
2563.0	0.000384	2466.75195	2537.88550
2487.0	0.000400	2465.76123	2536.24146
2568.0	0.000384	2464.77173	2534.73047
2539.0	0.000400	2463.78320	2533.35254
2492.0	0.000400	2462.79614	2532.10864
2595.0	0.000384	2461.80981	2530.99927
2532.0	0.000400	2460.82446	2530.02734
2561.0	0.000384	2459.84033	2529.19702
2579.0	0.000384	2458.85718	2528.51270
2594.0	0.000384	2457.87524	2527.98047
2583.0	0.000384	2456.89404	2538.86255
2595.0	0.000384	2455.91406	2538.95947
2485.0	0.000400	2454.93530	2539.24780
2635.0	0.000384	2453.95703	2539.74121
2555.0	0.000384	2452.97998	2528.26489
2487.0	0.000400	2452.00391	2529.53491
2552.0	0.000384	2451.02881	2531.05469
2521.0	0.000400	2450.05444	2532.85107
2537.0	0.000400	2449.08130	2534.95508
2462.0	0.000400	2448.10889	2537.40356
2619.0	0.000384	2447.13745	2524.86279
2548.0	0.000400	2446.16699	2528.53345
2568.0	0.000384	2445.19727	2532.68774
2542.0	0.000400	2444.22876	2537.39990
2525.0	0.000400	2443.26074	2542.75757
2564.0	0.000384	2442.29370	2548.86792
2638.0	0.000384	2441.32764	2555.86206
2539.0	0.000400	2440.36206	2563.89990
2553.0	0.000384	2439.39771	2573.18140
2646.0	0.000384	2438.43408	2583.95532
2594.0	0.000384	2437.47119	2596.53833
2598.0	0.000384	2436.50903	2611.33398
2655.0	0.000370	2435.54761	2628.86646
2582.0	0.000384	2434.58716	2649.82813
2724.0	0.000370	2433.62720	2675.15234
2702.0	0.000370	2432.66821	2706.15039
2782.0	0.000356	2431.70996	2744.76929
2835.0	0.000356	2430.75269	2794.09888

2954.0	0.0003429	2429.79565	2859.30273
3072.0	0.0003306	2428.83936	2949.12329
3268.0	0.0003078	2427.88403	3077.79956
3349.0	0.0002973	2426.92920	3266.62207
3749.0	0.0002687	2425.97510	3543.61108
3964.0	0.0002520	2425.02173	3939.44214
4570.0	0.0002163	2424.06885	4477.56055
5221.0	0.0001929	2423.11670	5153.35938
5936.0	0.0001687	2422.16553	5889.38232
6669.0	0.0001487	2421.21460	6472.96875
7046.0	0.0001417	2420.26440	6609.44922
6654.0	0.0001487	2419.31470	6212.78027
6208.0	0.0001602	2418.36572	5519.10645
5261.0	0.0001877	2417.41724	4803.16357
4467.0	0.0002228	2416.46924	4201.13672
3951.0	0.0002520	2415.52222	3744.92090
3477.0	0.0002873	2414.57568	3420.87183
3204.0	0.0003078	2413.62939	3200.13110
3122.0	0.0003189	2412.68359	3052.67627
3026.0	0.0003306	2411.73853	2984.25293
2950.0	0.0003429	2410.79395	2917.47827
2800.0	0.000356	2409.84985	2870.95728
2759.0	0.000356	2408.90625	2838.16528
2754.0	0.000370	2407.96313	2815.32056
2730.0	0.000370	2407.02075	2800.19189
2726.0	0.000370	2406.07837	2791.41846
2627.0	0.000384	2405.13672	2788.16162
2691.0	0.000370	2404.19556	2789.93213
2836.0	0.000356	2403.25464	2796.50830
2747.0	0.000370	2402.31445	2807.89722
2671.0	0.000370	2401.37451	2824.32349
2769.0	0.000356	2400.43481	2846.23975
2750.0	0.000370	2399.49585	2874.36011
2883.0	0.0003429	2398.55713	2909.72046
2844.0	0.000356	2397.61890	2953.77344
2926.0	0.0003429	2396.68091	3008.54175
2806.0	0.000356	2395.74341	3076.88184
3078.0	0.0003306	2394.80615	3162.98853
3212.0	0.0003078	2393.86914	3273.50195
3354.0	0.0002973	2392.93286	3419.98926
3455.0	0.0002873	2391.99658	3624.01172
3826.0	0.0002601	2391.06104	3955.87402
4410.0	0.0002296	2390.12524	4423.88135
5066.0	0.0001984	2389.18994	5156.97461
6502.0	0.0001524	2388.25513	6270.12354
7972.0	0.0001262	2387.32056	7848.46924
10378.0	0.0000961	2386.38623	9857.33203
13489.0	0.0000743	2385.45215	11962.83301
15833.0	0.0000630	2384.51831	13358.46875
15741.0	0.0000640	2383.58496	13311.91113
14091.0	0.0000706	2382.65161	12210.10156
11819.0	0.0000842	2381.71875	11030.37012
10851.0	0.0000925	2380.78589	10326.61230
10583.0	0.0000943	2379.85327	10130.86816

10596.0	0.0000943	2378.92090	10091.37891
10424.0	0.0000961	2377.98877	9700.67188
9780.0	0.0001020	2377.05664	8771.24023
7943.0	0.0001262	2376.12500	7571.06299
6763.0	0.0001487	2375.19385	6423.23145
5605.0	0.0001778	2374.26221	5479.16211
4936.0	0.0002041	2373.33105	4764.32178
4387.0	0.0002296	2372.40015	4250.58398
3990.0	0.0002520	2371.46924	3892.97144
3687.0	0.0002687	2370.53833	3646.83594
3497.0	0.0002873	2369.60791	3475.93286
3328.0	0.0002973	2368.67749	3354.59399
3122.0	0.0003189	2367.74731	3266.33545
3169.0	0.0003189	2366.81689	3201.15991
3043.0	0.0003306	2365.88696	3153.09009
3025.0	0.0003306	2364.95679	3118.46460
2928.0	0.0003429	2364.02686	3094.95654
2947.0	0.0003429	2363.09717	3081.05493
2916.0	0.0003429	2362.16748	3075.80151
2812.0	0.000356	2361.23779	3078.65820
2942.0	0.0003429	2360.30835	3089.43628
2896.0	0.0003429	2359.37891	3108.26685
2973.0	0.0003306	2358.44946	3135.60132
2861.0	0.000356	2357.52002	3172.23657
3052.0	0.0003306	2356.59082	3219.37402
3048.0	0.0003306	2355.66138	3278.70996
3131.0	0.0003189	2354.73193	3352.58545
3158.0	0.0003189	2353.80273	3444.20630
3373.0	0.0002973	2352.87354	3558.01074
3631.0	0.0002778	2351.94434	3700.32471
3773.0	0.0002687	2351.01514	3880.66724
4072.0	0.0002441	2350.08594	4107.34814
4518.0	0.0002228	2349.15649	4421.58447
5023.0	0.0001984	2348.22729	4863.56738
5813.0	0.0001731	2347.29810	5514.46143
6832.0	0.0001452	2346.36865	6500.34082
8297.0	0.0001208	2345.43921	7990.33496
10384.0	0.0000961	2344.51001	10167.23047
13120.0	0.0000756	2343.58057	13156.87402
17017.0	0.0000592	2342.65112	16885.50391
21441.0	0.0000469	2341.72144	20785.95117
24877.0	0.0000401	2340.79175	23467.37305
25515.0	0.0000391	2339.86206	23363.55664
21926.0	0.0000457	2338.93213	20566.42188
16996.0	0.0000592	2338.00244	16698.43164
12564.0	0.0000797	2337.07251	13083.56445
9835.0	0.0001020	2336.14258	10233.39844
8017.0	0.0001235	2335.21240	8198.42871
6735.0	0.0001487	2334.28198	6846.67822
5927.0	0.0001687	2333.35181	5998.06055
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5084.0	0.0001984	2330.55981	5089.01563
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5504.0	0.0001826	2327.76685	5545.35254
6300.0	0.0001602	2326.83569	6096.17725
7223.0	0.0001384	2325.90430	7011.96680
8328.0	0.0001208	2324.97241	8456.23535
10401.0	0.0000961	2324.04077	10600.54395
13184.0	0.0000756	2323.10889	13550.05078
16944.0	0.0000592	2322.17676	17193.27930
20982.0	0.0000476	2321.24463	20898.86914
24166.0	0.0000416	2320.31226	23235.00195
23784.0	0.0000422	2319.37939	22765.86133
20339.0	0.0000489	2318.44653	19787.80078
15873.0	0.0000630	2317.51367	15917.21875
12090.0	0.0000826	2316.58032	12362.41211
9491.0	0.0001063	2315.64673	9563.26953
7631.0	0.0001321	2314.71313	7544.04346
6353.0	0.0001562	2313.77954	6166.76025
5392.0	0.0001877	2312.84546	5252.88574
4713.0	0.0002100	2311.91113	4643.74463
4361.0	0.0002296	2310.97656	4223.82520
3990.0	0.0002520	2310.04175	3919.81763
3676.0	0.0002687	2309.10669	3689.03589
3447.0	0.0002873	2308.17163	3507.31934
3272.0	0.0003078	2307.23608	3360.54858
3167.0	0.0003189	2306.30029	3239.85864
3000.0	0.0003306	2305.36450	3139.24243
2889.0	0.0003429	2304.42822	3054.39551
2874.0	0.0003429	2303.49170	2982.12524
2757.0	0.000356	2302.55493	2920.00952
2760.0	0.000356	2301.61792	2866.18384
2778.0	0.000356	2300.68066	2819.19214
2654.0	0.000370	2299.74292	2777.88647
2583.0	0.000384	2298.80518	2741.35083
2624.0	0.000384	2297.86743	2708.84668
2542.0	0.000400	2296.92896	2679.77490
2574.0	0.000384	2295.99023	2653.64404
2513.0	0.000400	2295.05127	2630.04834
2585.0	0.000384	2294.11206	2608.65063
2436.0	0.000416	2293.17236	2589.16797
2473.0	0.000400	2292.23267	2571.36304
2486.0	0.000400	2291.29224	2555.03345
2466.0	0.000400	2290.35205	2540.00781
2499.0	0.000400	2289.41113	2526.13843
2512.0	0.000400	2288.47021	2513.29907
2465.0	0.000400	2287.52881	2501.37964
2402.0	0.000416	2286.58691	2490.28491
2413.0	0.000416	2285.64502	2479.93237
2373.0	0.000416	2284.70264	2470.24902
2386.0	0.000416	2283.76001	2461.17090
2380.0	0.000416	2282.81714	2452.64233
2333.0	0.000434	2281.87378	2444.61255
2409.0	0.000416	2280.93018	2437.03784
2335.0	0.000434	2279.98608	2419.35571
2393.0	0.000416	2279.04175	2412.76880

2360.0	0.000416	2278.09717	2406.52588
2323.0	0.000434	2277.15210	2400.59937
2380.0	0.000416	2276.20654	2394.96338
2350.0	0.000434	2275.26099	2389.59595
2340.0	0.000434	2274.31519	2384.47656
2287.0	0.000434	2273.36865	2379.58618
2345.0	0.000434	2272.42188	2374.90796
2324.0	0.000434	2271.47485	2370.42700
2296.0	0.000434	2270.52734	2366.12891
2253.0	0.000453	2269.57959	2330.86353
2340.0	0.000434	2268.63135	2327.70166
2270.0	0.000434	2267.68286	2324.65723
2363.0	0.000416	2266.73413	2321.72192
2333.0	0.000434	2265.78491	2318.88818
2349.0	0.000434	2264.83521	2316.14917
2284.0	0.000434	2263.88525	2313.49854
2294.0	0.000434	2262.93481	2310.93066
2263.0	0.000434	2261.98413	2308.44019
2334.0	0.000434	2261.03296	2306.02222
2329.0	0.000434	2260.08154	2303.67212
2279.0	0.000434	2259.12964	2301.38599
2318.0	0.000434	2258.17773	2299.15991
2298.0	0.000434	2257.22510	2296.98975
2249.0	0.000453	2256.27197	2294.87280
2297.0	0.000434	2255.31885	2292.80591
2321.0	0.000434	2254.36499	2290.78589
2253.0	0.000453	2253.41089	2288.81030
2342.0	0.000434	2252.45630	2286.87671
2281.0	0.000434	2251.50146	2284.98291
2250.0	0.000453	2250.54639	2283.12671
2294.0	0.000434	2249.59058	2281.30566
2273.0	0.000434	2248.63477	2248.63477
2217.0	0.000453	2247.67822	2247.67822
2271.0	0.000434	2246.72144	2246.72144
2243.0	0.000453	2245.76416	2245.76416
2218.0	0.000453	2244.80664	2244.80664
2194.0	0.000453	2243.84863	2243.84863
2302.0	0.000434	2242.89038	2242.89038
2246.0	0.000453	2241.93188	2241.93188
2309.0	0.000434	2240.97266	2240.97266
2294.0	0.000434	2240.01294	2240.01294
2201.0	0.000453	2239.05322	2239.05322
2188.0	0.000453	2238.09277	2238.09277
2239.0	0.000453	2237.13208	2237.13208
2248.0	0.000453	2236.17114	2236.17114
2209.0	0.000453	2235.20972	2235.20972
2212.0	0.000453	2234.24805	2234.24805
2281.0	0.000434	2233.28564	2233.28564
2269.0	0.000434	2232.32300	2232.32300
2229.0	0.000453	2231.36011	2231.36011
2212.0	0.000453	2230.39648	2230.39648
2278.0	0.000434	2229.43286	2229.43286
2276.0	0.000434	2228.46851	2228.46851
2149.0	0.000473	2227.50391	2227.50391

2211.0	0.000453	2226.53906	2226.53906
2180.0	0.000453	2225.57373	2225.57373
2213.0	0.000453	2224.60815	2224.60815
2223.0	0.000453	2223.64185	2223.64185
2239.0	0.000453	2222.67529	2222.67529
2224.0	0.000453	2221.70850	2221.70850
2256.0	0.000453	2220.74121	2220.74121
2243.0	0.000453	2219.77344	2219.77344
2173.0	0.000453	2218.80542	2218.80542
2202.0	0.000453	2217.83716	2217.83716
2230.0	0.000453	2216.86841	2216.86841
2217.0	0.000453	2215.89893	2215.89893
2206.0	0.000453	2214.92944	2214.92944
2264.0	0.000434	2213.95947	2213.95947
2256.0	0.000453	2212.98901	2212.98901
2207.0	0.000453	2212.01855	2212.01855
2250.0	0.000453	2211.04736	2211.04736
2188.0	0.000453	2210.07593	2210.07593
2215.0	0.000453	2209.10425	2209.10425
2270.0	0.000434	2208.13208	2208.13208
2180.0	0.000453	2207.15942	2207.15942
2215.0	0.000453	2206.18628	2206.18628
2197.0	0.000453	2205.21313	2205.21313
2233.0	0.000453	2204.23926	2204.23926
2225.0	0.000453	2203.26514	2203.26514
2205.0	0.000453	2202.29102	2202.29102
2197.0	0.000453	2201.31616	2201.31616
2168.0	0.000453	2200.34106	2200.34106
2198.0	0.000453	2199.36548	2199.36548
2248.0	0.000453	2198.38965	2198.38965
2196.0	0.000453	2197.41333	2197.41333
2143.0	0.000473	2196.43677	2196.43677
2201.0	0.000453	2195.45996	2195.45996
2125.0	0.000473	2194.48291	2194.48291
2192.0	0.000453	2193.50513	2193.50513
2163.0	0.000453	2192.52710	2192.52710
2141.0	0.000473	2191.54883	2191.54883
2177.0	0.000453	2190.57007	2190.57007
2179.0	0.000453	2189.59106	2189.59106
2214.0	0.000453	2188.61182	2188.61182
2152.0	0.000473	2187.63208	2187.63208
2161.0	0.000473	2186.65186	2186.65186
2203.0	0.000453	2185.67163	2185.67163
2194.0	0.000453	2184.69116	2184.69116
2231.0	0.000453	2183.70996	2183.70996
2179.0	0.000453	2182.72852	2182.72852
2130.0	0.000473	2181.74707	2181.74707
2219.0	0.000453	2180.76489	2180.76489
2177.0	0.000453	2179.78247	2179.78247
2173.0	0.000453	2178.80005	2178.80005
2132.0	0.000473	2177.81714	2177.81714
2157.0	0.000473	2176.83398	2176.83398
2230.0	0.000453	2175.85034	2175.85034
2146.0	0.000473	2174.86621	2174.86621

2170.0	0.000453	2173.88208	2173.88208
2175.0	0.000453	2172.89771	2172.89771
2204.0	0.000453	2171.91284	2171.91284
2222.0	0.000453	2170.92773	2170.92773
2163.0	0.000453	2169.94263	2169.94263
2164.0	0.000453	2168.95679	2168.95679
2133.0	0.000473	2167.97070	2167.97070
2144.0	0.000473	2166.98462	2166.98462
2161.0	0.000473	2165.99805	2165.99805
2184.0	0.000453	2165.01123	2165.01123
2109.0	0.000473	2164.02417	2164.02417
2187.0	0.000453	2163.03662	2163.03662
2165.0	0.000453	2162.04883	2162.04883
2238.0	0.000453	2161.06128	2161.06128
2188.0	0.000453	2160.07300	2160.07300
2154.0	0.000473	2159.08447	2159.08447
2130.0	0.000473	2158.09595	2158.09595
2167.0	0.000453	2157.10693	2157.10693
2159.0	0.000473	2156.11768	2156.11768
2143.0	0.000473	2155.12817	2155.12817
2211.0	0.000453	2154.13843	2154.13843
2129.0	0.000473	2153.14868	2153.14868
2147.0	0.000473	2152.15845	2152.15845
2155.0	0.000473	2151.16797	2151.16797
2153.0	0.000473	2150.17749	2150.17749
2116.0	0.000473	2149.18652	2149.18652
2148.0	0.000473	2148.19531	2148.19531
2166.0	0.000453	2147.20410	2147.20410
2149.0	0.000473	2146.21240	2146.21240
2110.0	0.000473	2145.22070	2145.22070
2161.0	0.000473	2144.22876	2144.22876
2201.0	0.000453	2143.23657	2143.23657
2120.0	0.000473	2142.24414	2142.24414
2197.0	0.000453	2141.25146	2141.25146
2184.0	0.000453	2140.25879	2140.25879
2126.0	0.000473	2139.26563	2139.26563
2134.0	0.000473	2138.27246	2138.27246
2075.0	0.000473	2137.27905	2137.27905
2119.0	0.000473	2136.28564	2136.28564
2182.0	0.000453	2135.29199	2135.29199
2126.0	0.000473	2134.29785	2134.29785
2062.0	0.000494	2133.30396	2133.30396
2146.0	0.000473	2132.30957	2132.30957
2144.0	0.000473	2131.31519	2136.44507
2179.0	0.000453	2130.32056	2135.54834
2110.0	0.000473	2129.32593	2134.65454
2158.0	0.000473	2128.33105	2133.76367
2240.0	0.000453	2127.33594	2132.87524
2184.0	0.000453	2126.34082	2131.99023
2061.0	0.000494	2125.34570	2131.10864
2166.0	0.000453	2124.35010	2130.22974
2134.0	0.000473	2123.35449	2129.35449
2154.0	0.000473	2122.35889	2128.48315
2105.0	0.000473	2121.36279	2127.61499

2160.0	0.000473	2120.36719	2126.75146
2240.0	0.000453	2119.37085	2125.89136
2127.0	0.000473	2118.37476	2125.03613
2075.0	0.000473	2117.37842	2124.18506
2184.0	0.000453	2116.38208	2123.33887
2136.0	0.000473	2115.38550	2122.49731
2144.0	0.000473	2114.38892	2121.66113
2141.0	0.000473	2113.39233	2120.83057
2067.0	0.000494	2112.39551	2120.00537
2069.0	0.000494	2111.39893	2119.18628
2144.0	0.000473	2110.40186	2118.37305
2138.0	0.000473	2109.40479	2117.56665
2132.0	0.000473	2108.40796	2116.76709
2124.0	0.000473	2107.41064	2115.97437
2200.0	0.000453	2106.41357	2120.79834
2118.0	0.000473	2105.41626	2120.12891
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2149.0	0.000473	2103.42188	2118.82495
2133.0	0.000473	2102.42432	2118.19116
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2146.0	0.000473	2100.42969	2116.96484
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2167.0	0.000453	2096.43945	2114.69336
2149.0	0.000473	2095.44238	2114.16870
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2209.0	0.000453	2093.44727	2113.17627
2151.0	0.000473	2092.44971	2112.71118
2174.0	0.000453	2091.45215	2112.26807
2089.0	0.000473	2090.45459	2111.84888
2121.0	0.000473	2089.45728	2111.45459
2102.0	0.000473	2088.45996	2111.08691
2149.0	0.000473	2087.46240	2110.74707
2133.0	0.000473	2086.46509	2110.43701
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2071.0	0.000473	2084.47070	2109.91431
2107.0	0.000473	2083.47339	2109.70532
2131.0	0.000473	2082.47607	2134.77344
2194.0	0.000453	2081.47900	2135.31958
2173.0	0.000453	2080.48193	2135.93677
2132.0	0.000473	2079.48486	2136.62939
2125.0	0.000473	2078.48828	2137.40283
2108.0	0.000473	2077.49146	2138.26172
2097.0	0.000473	2076.49463	2139.21240
2182.0	0.000453	2075.49805	2140.26050
2155.0	0.000473	2074.50146	2141.41357
2142.0	0.000473	2073.50488	2142.67871
2133.0	0.000473	2072.50854	2144.06421
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2119.0	0.000473	2070.51636	2147.23389
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2156.0	0.000473	2068.52441	2151.00439
2033.0	0.000494	2067.52881	2183.45654

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2074.0	0.000473	2062.55200	2201.78638
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2188.0	0.000453	2049.63379	2304.03076
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2390.0	0.000416	2040.71265	2518.16992
2369.0	0.000416	2039.72253	2562.94873
2481.0	0.000400	2038.73303	2616.12305
2451.0	0.000400	2037.74329	2680.41528
2594.0	0.000384	2036.75452	2760.09692
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2778.0	0.000356	2034.77722	2997.31616
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16424.0	0.0000610	2004.31555	17157.38477
15524.0	0.0000640	2003.33997	15469.09961
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11877.0	0.0000842	1998.46814	11717.91797
12582.0	0.0000797	1997.49512	12580.95117
13617.0	0.0000731	1996.52307	14441.70508
16627.0	0.0000601	1995.55103	17242.81250
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22831.0	0.0000439	1993.60901	23230.39063
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2357.0	0.000416	1973.35620	2595.90283
2418.0	0.000416	1972.39880	2546.29248
2457.0	0.000400	1971.44165	2502.35864
2360.0	0.000416	1970.48547	2463.23584
2315.0	0.000434	1969.52966	2428.21729
2251.0	0.000453	1968.57483	2396.72485
2229.0	0.000453	1967.62048	2368.27808
2206.0	0.000453	1966.66675	2342.47729
2173.0	0.000453	1965.71387	2318.98706
2134.0	0.000473	1964.76160	2297.52441
2194.0	0.000453	1963.81018	2292.17529
2172.0	0.000453	1962.85913	2274.35400
2195.0	0.000453	1961.90918	2257.94629

2175.0	0.000453	1960.95947	2242.79883
2160.0	0.000473	1960.01086	2228.78101
2139.0	0.000473	1959.06311	2215.77881
2059.0	0.000494	1958.11560	2203.69116
2071.0	0.000473	1957.16931	2192.43164
2157.0	0.000473	1956.22327	2181.92261
2068.0	0.000494	1955.27832	2172.09741
2097.0	0.000473	1954.33386	2162.89478
2094.0	0.000473	1953.39050	2154.26196
2121.0	0.000473	1952.44788	2146.15161
2066.0	0.000494	1951.50574	2138.52100
2057.0	0.000494	1950.56470	2131.33325
2044.0	0.000494	1949.62402	2124.55298
2048.0	0.000494	1948.68433	2118.15088
2016.0	0.000494	1947.74536	2112.09985
2029.0	0.000494	1946.80737	2106.37451
2072.0	0.000473	1945.86987	2100.95288
2064.0	0.000494	1944.93347	2095.81543
2009.0	0.000494	1943.99792	2090.94336
2061.0	0.000494	1943.06274	2086.31982
2018.0	0.000494	1942.12891	2081.93140
2006.0	0.000494	1941.19543	2077.76294
1994.0	0.000494	1940.26306	2073.80322
2041.0	0.000494	1939.33130	2070.04102
2022.0	0.000494	1938.40076	2066.46655
2055.0	0.000494	1937.47058	2066.64526
2057.0	0.000494	1936.54150	2063.48706
2035.0	0.000494	1935.61353	2060.49438
2041.0	0.000494	1934.68591	2057.65918
2066.0	0.000494	1933.75952	2054.97681
1985.0	0.000494	1932.83374	2052.44141
2037.0	0.000494	1931.90906	2050.04883
2047.0	0.000494	1930.98486	2047.79492
1987.0	0.000494	1930.06189	2045.67664
1977.0	0.000517	1929.13989	2043.69080
2014.0	0.000494	1928.21851	2041.83472
2018.0	0.000494	1927.29822	2040.10730
1997.0	0.000494	1926.37854	2038.50635
1995.0	0.000494	1925.46008	2037.03174
2029.0	0.000494	1924.54211	2030.55078
1973.0	0.000517	1923.62549	2029.42310
1996.0	0.000494	1922.70947	2028.41907
2050.0	0.000494	1921.79468	2027.53992
1982.0	0.000494	1920.88086	2026.78796
2047.0	0.000494	1919.96765	2026.16455
2005.0	0.000494	1919.05554	2025.67297
1997.0	0.000494	1918.14404	2025.31653
2028.0	0.000494	1917.23401	2025.10010
1974.0	0.000517	1916.32446	2025.02734
2016.0	0.000494	1915.41614	2025.10449
2015.0	0.000494	1914.50867	2025.33728
1979.0	0.000517	1913.60229	2025.73389
1985.0	0.000494	1912.69690	2026.30139
2031.0	0.000494	1911.79211	2039.91663

1981.0	0.000494	1910.88879	2041.10120
2053.0	0.000494	1909.98596	2042.49475
2041.0	0.000494	1909.08459	2044.11157
2028.0	0.000494	1908.18384	2045.96594
2042.0	0.000494	1907.28430	2048.07495
2042.0	0.000494	1906.38574	2050.45752
2072.0	0.000473	1905.48792	2053.13428
2019.0	0.000494	1904.59155	2056.12964
1962.0	0.000517	1903.69568	2059.46973
2102.0	0.000473	1902.80127	2026.89258
2034.0	0.000494	1901.90747	2031.71716
2012.0	0.000494	1901.01501	2036.97021
2103.0	0.000473	1900.12329	2042.69556
2022.0	0.000494	1899.23291	2048.94458
2075.0	0.000473	1898.34363	2055.77515
2056.0	0.000494	1897.45508	2063.25293
2021.0	0.000494	1896.56787	2071.45459
2063.0	0.000494	1895.68127	2080.46680
2058.0	0.000494	1894.79602	2090.39233
2091.0	0.000473	1893.91162	2101.34790
2107.0	0.000473	1893.02856	2113.47217
2097.0	0.000473	1892.14636	2126.92554
2088.0	0.000473	1891.26538	2141.90015
2126.0	0.000473	1890.38562	2158.62183
2156.0	0.000473	1889.50647	2177.35962
2199.0	0.000453	1888.62878	2198.43921
2206.0	0.000453	1887.75183	2222.25269
2217.0	0.000453	1886.87634	2249.27808
2250.0	0.000453	1886.00159	2280.10132
2327.0	0.000434	1885.12817	2315.44971
2373.0	0.000416	1884.25598	2356.23022
2440.0	0.000416	1883.38452	2403.58716
2516.0	0.000400	1882.51440	2458.98022
2542.0	0.000400	1881.64514	2524.29761
2720.0	0.000370	1880.77747	2602.02881
2838.0	0.000356	1879.91040	2695.55200
2993.0	0.0003306	1879.04492	2809.67017
3193.0	0.0003078	1878.18005	2951.62695
3489.0	0.0002873	1877.31665	3133.04028
3872.0	0.0002601	1876.45447	3373.23828
4299.0	0.0002296	1875.59314	3704.20801
4964.0	0.0002041	1874.73315	4176.30957
5594.0	0.0001778	1873.87415	4862.02881
6598.0	0.0001524	1873.01648	5853.23047
7696.0	0.0001291	1872.15967	7246.92871
9279.0	0.0001085	1871.30432	9114.72070
11276.0	0.0000890	1870.44983	11444.15918
13619.0	0.0000731	1869.59692	14020.49512
15646.0	0.0000640	1868.74500	16248.82910
16835.0	0.0000592	1867.89404	17201.28320
16795.0	0.0000592	1867.04456	16342.58887
15241.0	0.0000661	1866.19580	14163.62402
12702.0	0.0000783	1865.34863	11595.61816
9973.0	0.0001000	1864.50232	9255.62402

7784.0	0.0001291	1863.65759	7373.19238
6254.0	0.0001602	1862.81396	5967.53027
5207.0	0.0001929	1861.97131	4969.68750
4493.0	0.0002228	1861.13000	4283.23877
4044.0	0.0002441	1860.28955	3815.86035
3582.0	0.0002778	1859.45081	3494.26514
3206.0	0.0003078	1858.61292	3267.42529
3066.0	0.0003306	1857.77649	3103.05273
2856.0	0.000356	1856.94092	2981.94165
2763.0	0.000356	1856.10693	2893.01587
2698.0	0.000370	1855.27405	2830.03223
2687.0	0.000370	1854.44226	2789.82739
2697.0	0.000370	1853.61194	2771.70117
2662.0	0.000370	1852.78247	2777.63501
2642.0	0.000384	1851.95459	2813.15161
2743.0	0.000370	1851.12769	2888.51294
2886.0	0.0003429	1850.30212	3019.61670
3018.0	0.0003306	1849.47766	3227.49854
3266.0	0.0003078	1848.65479	3535.25854
3461.0	0.0002873	1847.83313	3961.25708
4021.0	0.0002520	1847.01233	4506.19824
4667.0	0.0002163	1846.19312	5127.14502
5439.0	0.0001826	1845.37488	5694.86914
5861.0	0.0001687	1844.55811	5988.39160
5865.0	0.0001687	1843.74231	5845.91211
5170.0	0.0001929	1842.92822	5348.69678
4512.0	0.0002228	1842.11523	4722.65967
3764.0	0.0002687	1841.30334	4136.73242
3359.0	0.0002973	1840.49304	3660.74365
3061.0	0.0003306	1839.68347	3306.17725
2911.0	0.0003429	1838.87561	3059.22656
2687.0	0.000370	1838.06885	2897.47559
2743.0	0.000370	1837.26355	2798.53223
2711.0	0.000370	1836.45923	2744.34741
2663.0	0.000370	1835.65649	2722.53955
2759.0	0.000356	1834.85510	2725.86987
2754.0	0.000370	1834.05457	2751.06055
2835.0	0.000356	1833.25574	2797.76880
3001.0	0.0003306	1832.45789	2868.13281
3106.0	0.0003189	1831.66162	2967.10425
3352.0	0.0002973	1830.86633	3103.79688
3510.0	0.0002873	1830.07275	3294.15063
3876.0	0.0002601	1829.27991	3564.98853
4341.0	0.0002296	1828.48889	3958.72534
4955.0	0.0002041	1827.69922	4536.46729
5800.0	0.0001731	1826.91052	5375.81348
6869.0	0.0001452	1826.12341	6559.29053
8340.0	0.0001208	1825.33728	8149.49072
10134.0	0.0000980	1824.55286	10141.71387
11764.0	0.0000857	1823.76929	12368.70703
13598.0	0.0000731	1822.98743	14351.33398
14381.0	0.0000694	1822.20691	15305.88672
13755.0	0.0000731	1821.42737	14708.37109
12104.0	0.0000826	1820.64954	12892.62598

10457.0	0.0000961	1819.87268	10654.04395
8720.0	0.0001156	1819.09753	8564.92285
7271.0	0.0001384	1818.32324	6855.99707
5923.0	0.0001687	1817.55078	5560.90918
5131.0	0.0001929	1816.77930	4627.99268
4454.0	0.0002228	1816.00940	3976.52905
4003.0	0.0002520	1815.24097	3525.89697
3517.0	0.0002873	1814.47351	3210.04102
3286.0	0.0003078	1813.70752	2981.63306
3089.0	0.0003189	1812.94275	2809.88062
2801.0	0.000356	1812.17969	2675.90234
2713.0	0.000370	1811.41772	2568.31494
2601.0	0.000384	1810.65723	2480.07715
2561.0	0.000384	1809.89795	2406.58521
2444.0	0.000416	1809.14026	2344.64136
2317.0	0.000434	1808.38379	2291.90967
2211.0	0.000453	1807.62854	2246.62695
2189.0	0.000453	1806.87488	2207.43481
2166.0	0.000453	1806.12231	2173.26929
2141.0	0.000473	1805.37146	2143.28833
2180.0	0.000453	1804.62170	2116.81738
2094.0	0.000473	1803.87341	2093.31372
2056.0	0.000494	1803.12659	2072.33447
1998.0	0.000494	1802.38098	2053.51636
2015.0	0.000494	1801.63684	2036.56006
1988.0	0.000494	1800.89392	2021.21545
1977.0	0.000517	1800.15271	2007.27405
1976.0	0.000517	1799.41248	1994.55933
1968.0	0.000517	1798.67383	1982.92297
1857.0	0.000541	1797.93640	1972.23730
2009.0	0.000494	1797.20068	1962.39465
1989.0	0.000494	1796.46619	1953.30090
1874.0	0.000541	1795.73303	1944.87573
1945.0	0.000517	1795.00134	1937.04932
1882.0	0.000541	1794.27075	1929.76038
1928.0	0.000517	1793.54187	1922.95618
1921.0	0.000517	1792.81421	1916.58997
1870.0	0.000541	1792.08813	1910.62109
1927.0	0.000517	1791.36316	1905.01257
1841.0	0.000541	1790.63989	1899.73315
1818.0	0.000541	1789.91809	1894.75427
1872.0	0.000541	1789.19714	1890.04980
1932.0	0.000517	1788.47803	1885.59827
1854.0	0.000541	1787.76013	1881.37903
1884.0	0.000541	1787.04382	1877.37415
1852.0	0.000541	1786.32861	1873.56702
1827.0	0.000541	1785.61511	1875.96301
1850.0	0.000541	1784.90308	1858.28442
1870.0	0.000541	1784.19202	1855.37451
1810.0	0.000541	1783.48267	1852.60852
1839.0	0.000541	1782.77454	1849.97717
1875.0	0.000541	1782.06812	1847.47253
1892.0	0.000541	1781.36279	1845.08618
1829.0	0.000541	1780.65906	1842.81213

1887.0	0.000541	1779.95642	1840.64368
1782.0	0.000567	1779.25549	1838.57617
1845.0	0.000541	1778.55615	1836.60461
1792.0	0.000567	1777.85779	1834.72437
1828.0	0.000541	1777.16125	1832.93213
1874.0	0.000541	1776.46570	1831.22388
1864.0	0.000541	1775.77185	1829.59753
1834.0	0.000541	1775.07922	1828.05054
1834.0	0.000541	1774.38818	1826.58093
1748.0	0.000567	1773.69836	1825.18689
1848.0	0.000541	1773.01025	1823.86780
1842.0	0.000541	1772.32349	1822.62280
1862.0	0.000541	1771.63794	1821.45166
1815.0	0.000541	1770.95386	1820.35510
1817.0	0.000541	1770.27112	1819.33313
1796.0	0.000567	1769.59009	1818.72485
1820.0	0.000541	1768.91016	1817.86462
1810.0	0.000541	1768.23193	1821.57507
1873.0	0.000541	1767.55505	1820.96765
1794.0	0.000567	1766.87939	1820.45227
1840.0	0.000541	1766.20532	1820.03442
1866.0	0.000541	1765.53247	1816.12012
1804.0	0.000567	1764.86133	1815.98645
1916.0	0.000517	1764.19141	1815.97302
1883.0	0.000541	1763.52307	1816.09326
1823.0	0.000541	1762.85596	1816.36108
1849.0	0.000541	1762.19031	1816.79492
1877.0	0.000541	1761.52625	1817.41699
1857.0	0.000541	1760.86340	1818.25391
1827.0	0.000541	1760.20215	1819.33911
1892.0	0.000541	1759.54211	1820.71411
1874.0	0.000541	1758.88379	1822.43140
1870.0	0.000541	1758.22656	1824.55627
1885.0	0.000541	1757.57092	1827.17456
1929.0	0.000517	1756.91663	1830.39709
1885.0	0.000541	1756.26392	1834.37708
1887.0	0.000541	1755.61255	1839.32971
1941.0	0.000517	1754.96252	1845.57886
1958.0	0.000517	1754.31409	1853.62915
1930.0	0.000517	1753.66675	1864.27881
2027.0	0.000494	1753.02112	1878.77271
1961.0	0.000517	1752.37671	1898.95227
2028.0	0.000494	1751.73389	1927.33374
2054.0	0.000494	1751.09265	1967.00122
2212.0	0.000453	1750.45251	2021.19775
2310.0	0.000434	1749.81396	2092.48486
2378.0	0.000416	1749.17651	2181.11230
2434.0	0.000416	1748.54089	2281.72119
2442.0	0.000416	1747.90649	2377.83057
2503.0	0.000400	1747.27356	2426.56177
2572.0	0.000384	1746.64197	2425.81299
2563.0	0.000384	1746.01196	2363.23486
2551.0	0.000384	1745.38342	2267.75537
2491.0	0.000400	1744.75598	2168.87183

2413.0	0.000416	1744.13013	2082.44849
2329.0	0.000434	1743.50562	2013.49597
2340.0	0.000434	1742.88269	1961.61816
2174.0	0.000453	1742.26099	1924.21118
2175.0	0.000453	1741.64087	1898.41016
2161.0	0.000473	1741.02197	1880.43860
2095.0	0.000473	1740.40466	1872.27698
2067.0	0.000494	1739.78882	1864.04395
2076.0	0.000473	1739.17419	1858.55212
2047.0	0.000494	1738.56116	1855.04736
1912.0	0.000517	1737.94934	1853.06519
2045.0	0.000494	1737.33911	1852.32385
1994.0	0.000494	1736.72998	1852.64990
1971.0	0.000517	1736.12256	1853.93970
1939.0	0.000517	1735.51672	1856.13489
1912.0	0.000517	1734.91187	1859.21179
1941.0	0.000517	1734.30872	1863.17651
1922.0	0.000517	1733.70679	1868.06042
1861.0	0.000541	1733.10632	1873.92090
1894.0	0.000517	1732.50708	1880.84241
1943.0	0.000517	1731.90967	1888.93848
1933.0	0.000517	1731.31323	1898.35596
1872.0	0.000541	1730.71851	1909.28381
1903.0	0.000517	1730.12512	1921.95874
1899.0	0.000517	1729.53308	1936.68079
1839.0	0.000541	1728.94238	1953.82910
2036.0	0.000494	1728.35303	1973.88586
1971.0	0.000517	1727.76526	1997.46960
1990.0	0.000494	1727.17871	2025.38257
2031.0	0.000494	1726.59375	2058.68506
2101.0	0.000473	1726.01001	2102.31592
2124.0	0.000473	1725.42773	2151.40649
2278.0	0.000434	1724.84692	2212.51025
2309.0	0.000434	1724.26733	2290.69141
2496.0	0.000400	1723.68933	2394.49658
2611.0	0.000384	1723.11255	2538.28711
2885.0	0.0003429	1722.53735	2744.96777
3227.0	0.0003078	1721.96326	3047.79712
3676.0	0.0002687	1721.39075	3489.02832
4184.0	0.0002367	1720.81970	4112.93018
4974.0	0.0001984	1720.24976	4951.10400
6375.0	0.0001562	1719.68152	5995.48828
7593.0	0.0001321	1719.11438	7145.77148
9012.0	0.0001108	1718.54883	8131.75977
10044.0	0.0001000	1717.98438	8539.51270
9148.0	0.0001085	1717.42163	8141.11768
7904.0	0.0001262	1716.85999	7166.96875
6334.0	0.0001562	1716.30005	6031.11572
5156.0	0.0001929	1715.74133	5002.97266
4285.0	0.0002367	1715.18384	4182.47070
3717.0	0.0002687	1714.62793	3577.74707
3460.0	0.0002873	1714.07300	3157.56055
3034.0	0.0003306	1713.51990	2878.23511
2914.0	0.0003429	1712.96777	2698.34521

2709.0	0.000370	1712.41736	2585.75024
2643.0	0.000384	1711.86804	2519.09790
2560.0	0.000384	1711.32031	2486.30249
2485.0	0.000400	1710.77393	2482.34790
2617.0	0.000384	1710.22864	2507.80347
2645.0	0.000384	1709.68494	2568.46118
2865.0	0.0003429	1709.14246	2675.72998
3073.0	0.0003306	1708.60156	2846.94336
3237.0	0.0003078	1708.06165	3104.40771
3616.0	0.0002778	1707.52344	3471.95020
4015.0	0.0002520	1706.98645	3967.63794
4542.0	0.0002228	1706.45068	4590.26709
5204.0	0.0001929	1705.91650	5294.80518
5934.0	0.0001687	1705.38342	5956.16211
6454.0	0.0001562	1704.85193	6361.06934
6463.0	0.0001562	1704.32153	6306.63135
6055.0	0.0001644	1703.79272	5813.68555
5321.0	0.0001877	1703.26489	5101.18311
4490.0	0.0002228	1702.73865	4381.00146
3599.0	0.0002778	1702.21387	3761.31592
3278.0	0.0003078	1701.69019	3272.90674
2929.0	0.0003429	1701.16797	2909.07642
2547.0	0.000400	1700.64697	2648.12109
2444.0	0.000416	1700.12732	2464.70532
2279.0	0.000434	1699.60889	2335.90967
2124.0	0.000473	1699.09204	2243.89941
1973.0	0.000517	1698.57629	2176.23535
2106.0	0.000473	1698.06201	2124.88965
2090.0	0.000473	1697.54907	2084.90503
2015.0	0.000494	1697.03735	2053.23657
1992.0	0.000494	1696.52698	2027.96326
1918.0	0.000517	1696.01770	2007.81396
1928.0	0.000517	1695.51013	1991.91138
1957.0	0.000517	1695.00354	1979.63245
2002.0	0.000494	1694.49841	1970.53772
1874.0	0.000541	1693.99463	1964.32617
1813.0	0.000541	1693.49194	1960.80957
1864.0	0.000541	1692.99072	1959.90112
1869.0	0.000541	1692.49072	1961.60681
1920.0	0.000517	1691.99219	1966.02734
2000.0	0.000494	1691.49463	1973.36584
1925.0	0.000517	1690.99866	1983.94849
1894.0	0.000517	1690.50366	1998.25598
1995.0	0.000494	1690.01025	2016.98035
1910.0	0.000517	1689.51819	2041.12683
2065.0	0.000494	1689.02710	2072.19482
2082.0	0.000473	1688.53760	2112.49683
2092.0	0.000473	1688.04907	2164.93164
2317.0	0.000434	1687.56213	2236.79395
2366.0	0.000416	1687.07605	2336.24756
2502.0	0.000400	1686.59155	2476.35498
2629.0	0.000384	1686.10815	2674.66431
2927.0	0.0003429	1685.62622	2952.01392
3169.0	0.0003189	1685.14563	3328.63208

3777.0	0.0002687	1684.66602	3816.23267
4234.0	0.0002367	1684.18787	4404.79932
4852.0	0.0002041	1683.71069	5043.22852
5343.0	0.0001877	1683.23511	5614.55518
5899.0	0.0001687	1682.76050	5931.50391
5673.0	0.0001778	1682.28748	5837.52393
5436.0	0.0001826	1681.81555	5370.98145
4702.0	0.0002100	1681.34473	4731.26807
3959.0	0.0002520	1680.87537	4098.43311
3313.0	0.0002973	1680.40698	3561.06201
3088.0	0.0003189	1679.94006	3142.93311
2867.0	0.0003429	1679.47424	2836.94971
2650.0	0.000384	1679.00977	2623.91162
2515.0	0.000400	1678.54639	2482.08521
2433.0	0.000416	1678.08435	2392.35864
2402.0	0.000416	1677.62354	2340.63330
2369.0	0.000416	1677.16394	2318.41064
2261.0	0.000434	1676.70557	2322.61377
2478.0	0.000400	1676.24829	2355.49927
2441.0	0.000416	1675.79248	2425.01758
2595.0	0.000384	1675.33765	2545.24341
2771.0	0.000356	1674.88428	2735.84619
3113.0	0.0003189	1674.43176	3019.31006
3411.0	0.0002973	1673.98071	3414.79590
3949.0	0.0002520	1673.53088	3927.03784
4442.0	0.0002228	1673.08215	4525.19287
5199.0	0.0001929	1672.63477	5105.48828
5690.0	0.0001778	1672.18835	5469.43115
5826.0	0.0001731	1671.74329	5428.44531
5386.0	0.0001877	1671.29932	5001.67432
4517.0	0.0002228	1670.85669	4392.52344
3789.0	0.0002601	1670.41528	3786.92603
3233.0	0.0003078	1669.97485	3278.66504
2849.0	0.000356	1669.53577	2882.24023
2628.0	0.000384	1669.09778	2593.34326
2393.0	0.000416	1668.66089	2391.06592
2307.0	0.000434	1668.22510	2252.15454
2175.0	0.000453	1667.79077	2158.52612
2067.0	0.000494	1667.35742	2091.05371
1995.0	0.000494	1666.92542	2041.83765
1953.0	0.000517	1666.49451	2004.75500
1924.0	0.000517	1666.06458	1976.17346
1991.0	0.000494	1665.63599	1947.90857
1978.0	0.000517	1665.20850	1930.76831
1918.0	0.000517	1664.78223	1917.75208
1916.0	0.000517	1664.35693	1908.28613
1865.0	0.000541	1663.93298	1902.00256
1934.0	0.000517	1663.51001	1898.69055
1887.0	0.000541	1663.08838	1898.27808
1926.0	0.000517	1662.66785	1900.82288
1893.0	0.000517	1662.24829	1906.52124
1881.0	0.000541	1661.83008	1915.73340
1927.0	0.000517	1661.41284	1929.03284
1913.0	0.000517	1660.99683	1947.31299

1979.0	0.000517	1660.58167	1971.99353
2020.0	0.000494	1660.16797	2005.41821
2175.0	0.000453	1659.75537	2051.53540
2176.0	0.000453	1659.34375	2116.91479
2356.0	0.000416	1658.93335	2211.92578
2461.0	0.000400	1658.52393	2351.54688
2664.0	0.000370	1658.11572	2554.89746
2947.0	0.0003429	1657.70850	2842.48462
3372.0	0.0002973	1657.30249	3230.31470
3726.0	0.0002687	1656.89758	3719.16553
4313.0	0.0002296	1656.49377	4273.86182
4767.0	0.0002100	1656.09119	4788.76855
4885.0	0.0002041	1655.68945	5080.07080
4800.0	0.0002100	1655.28894	4997.97363
4463.0	0.0002228	1654.88928	4587.80029
3925.0	0.0002520	1654.49109	4035.83008
3524.0	0.0002873	1654.09363	3497.60742
3136.0	0.0003189	1653.69751	3045.21460
2777.0	0.000356	1653.30237	2695.83765
2650.0	0.000384	1652.90833	2440.82544
2445.0	0.000416	1652.51526	2261.45020
2267.0	0.000434	1652.12329	2137.33569
2243.0	0.000453	1651.73254	2050.93359
2143.0	0.000473	1651.34265	1989.20654
2056.0	0.000494	1650.95398	1943.44226
1978.0	0.000517	1650.56628	1908.21411
1927.0	0.000517	1650.17969	1880.24292
1945.0	0.000517	1649.79407	1857.52551
1823.0	0.000541	1649.40955	1838.78101
1883.0	0.000541	1649.02612	1823.13757
1784.0	0.000567	1648.64355	1809.97107
1778.0	0.000567	1648.26221	1798.81616
1822.0	0.000541	1647.88171	1789.31641
1788.0	0.000567	1647.50244	1781.19568
1782.0	0.000567	1647.12402	1774.23572
1775.0	0.000567	1646.74683	1768.26489
1815.0	0.000541	1646.37061	1763.14551
1769.0	0.000567	1645.99524	1758.76721
1745.0	0.000567	1645.62109	1755.04089
1733.0	0.000567	1645.24780	1751.89502
1795.0	0.000567	1644.87573	1749.27222
1785.0	0.000567	1644.50439	1747.12634
1762.0	0.000567	1644.13416	1745.42102
1713.0	0.000595	1643.76501	1744.12854
1716.0	0.000595	1643.39685	1743.22717
1733.0	0.000567	1643.02966	1742.70239
1674.0	0.000595	1642.66345	1742.54468
1759.0	0.000567	1642.29834	1742.75098
1785.0	0.000567	1641.93396	1743.32166
1744.0	0.000567	1641.57092	1744.26416
1695.0	0.000595	1641.20862	1745.58887
1769.0	0.000567	1640.84729	1747.31311
1694.0	0.000595	1640.48706	1749.45911
1734.0	0.000567	1640.12769	1752.05627

1691.0	0.000595	1639.76941	1754.77246
1737.0	0.000567	1639.41199	1758.39502
1733.0	0.000567	1639.05566	1758.45923
1766.0	0.000567	1638.70007	1763.39490
1752.0	0.000567	1638.34570	1769.05811
1746.0	0.000567	1637.99207	1775.54358
1775.0	0.000567	1637.63953	1782.96753
1740.0	0.000567	1637.28784	1791.46924
1856.0	0.000541	1636.93713	1801.79114
1815.0	0.000541	1636.58752	1813.01245
1804.0	0.000567	1636.23853	1825.95264
1803.0	0.000567	1635.89075	1840.93555
1815.0	0.000541	1635.54382	1858.36743
1884.0	0.000541	1635.19788	1878.76624
1849.0	0.000541	1634.85266	1902.79834
1939.0	0.000517	1634.50854	1931.34680
1937.0	0.000517	1634.16541	1965.61975
2003.0	0.000494	1633.82300	2007.35925
2092.0	0.000473	1633.48169	2059.23267
2150.0	0.000473	1633.14124	2125.52563
2306.0	0.000434	1632.80164	2213.24707
2365.0	0.000416	1632.46289	2333.58545
2531.0	0.000400	1632.12524	2503.32275
2825.0	0.000356	1631.78845	2745.31836
3194.0	0.0003078	1631.45239	3086.89282
3558.0	0.0002778	1631.11731	3551.51221
4111.0	0.0002441	1630.78320	4163.45752
4930.0	0.0002041	1630.44995	4908.94727
5813.0	0.0001731	1630.11743	5716.04883
6843.0	0.0001452	1629.78601	6410.56787
7232.0	0.0001384	1629.45532	6758.85791
7195.0	0.0001384	1629.12561	6667.85596
6821.0	0.0001452	1628.79675	6287.54688
6321.0	0.0001562	1628.46863	5821.77197
5969.0	0.0001687	1628.14172	5355.42236
5570.0	0.0001778	1627.81531	4873.68506
5065.0	0.0001984	1627.48999	4364.38818
4358.0	0.0002296	1627.16528	3864.67896
3643.0	0.0002778	1626.84167	3422.72778
3141.0	0.0003189	1626.51880	3061.42358
2811.0	0.000356	1626.19690	2780.06836
2620.0	0.000384	1625.87573	2567.54077
2398.0	0.000416	1625.55554	2410.45166
2289.0	0.000434	1625.23608	2296.31299
2183.0	0.000453	1624.91736	2214.57861
2079.0	0.000473	1624.59961	2156.95703
2048.0	0.000494	1624.28259	2117.38354
2117.0	0.000473	1623.96655	2091.76465
2041.0	0.000494	1623.65137	2077.60889
2028.0	0.000494	1623.33691	2073.68481
2085.0	0.000473	1623.02319	2079.81323
2111.0	0.000473	1622.71033	2096.88403
2140.0	0.000473	1622.39844	2127.18188
2227.0	0.000453	1622.08716	2175.10986

2235.0	0.000453	1621.77686	2248.32837
2453.0	0.000400	1621.46729	2359.08447
2613.0	0.000384	1621.15845	2525.11621
2788.0	0.000356	1620.85059	2769.10718
3102.0	0.0003189	1620.54333	3115.56543
3509.0	0.0002873	1620.23694	3584.17603
4089.0	0.0002441	1619.93127	4177.79932
4793.0	0.0002100	1619.62659	4859.49951
5401.0	0.0001877	1619.32251	5513.27832
5843.0	0.0001731	1619.01929	5924.49658
5778.0	0.0001731	1618.71680	5888.43262
5262.0	0.0001877	1618.41528	5426.63037
4768.0	0.0002100	1618.11438	4750.69189
4178.0	0.0002367	1617.81421	4065.59741
3621.0	0.0002778	1617.51489	3475.75342
3146.0	0.0003189	1617.21619	3011.54590
2740.0	0.000370	1616.91846	2667.09717
2543.0	0.000400	1616.62134	2421.50366
2426.0	0.000416	1616.32507	2250.00903
2284.0	0.000434	1616.02954	2130.17700
2183.0	0.000453	1615.73462	2044.64246
2078.0	0.000473	1615.44067	1981.41479
2023.0	0.000494	1615.14722	1932.84961
1954.0	0.000517	1614.85474	1894.28198
1948.0	0.000517	1614.56287	1862.87036
1846.0	0.000541	1614.27185	1836.82092
1809.0	0.000541	1613.98132	1814.93311
1814.0	0.000541	1613.69189	1796.35596
1787.0	0.000567	1613.40295	1780.45776
1755.0	0.000567	1613.11462	1766.75732
1760.0	0.000567	1612.82727	1754.88147
1745.0	0.000567	1612.54053	1744.53601
1687.0	0.000595	1612.25452	1735.48828
1775.0	0.000567	1611.96924	1727.55322
1815.0	0.000541	1611.68469	1720.58264
1781.0	0.000567	1611.40063	1714.45801
1793.0	0.000567	1611.11755	1709.08630
1760.0	0.000567	1610.83521	1704.39404
1692.0	0.000595	1610.55334	1700.32495
1705.0	0.000595	1610.27234	1696.83972
1693.0	0.000595	1609.99182	1693.91284
1738.0	0.000567	1609.71216	1691.53430
1717.0	0.000595	1609.43311	1689.70911
1649.0	0.000595	1609.15491	1688.45959
1754.0	0.000567	1608.87732	1687.82898
1763.0	0.000567	1608.60034	1687.88684
1731.0	0.000567	1608.32410	1688.73987
1717.0	0.000595	1608.04846	1690.55176
1675.0	0.000595	1607.77356	1693.58350
1690.0	0.000595	1607.49915	1698.27100
1637.0	0.000625	1607.22571	1705.36389
1633.0	0.000625	1606.95264	1716.13489
1674.0	0.000595	1606.68042	1732.63281
1749.0	0.000567	1606.40894	1757.85901

1703.0	0.000595	1606.13794	1795.66699
1807.0	0.000541	1605.86768	1850.16699
1861.0	0.000541	1605.59790	1924.45203
2031.0	0.000494	1605.32898	2018.35718
2144.0	0.000473	1605.06067	2124.26416
2307.0	0.000434	1604.79297	2220.71509
2390.0	0.000416	1604.52588	2270.38184
2344.0	0.000434	1604.25940	2246.41382
2287.0	0.000434	1603.99365	2161.66748
2073.0	0.000473	1603.72852	2053.55835
1976.0	0.000517	1603.46399	1950.77881
1884.0	0.000541	1603.20007	1865.76733
1825.0	0.000541	1602.93689	1801.00391
1696.0	0.000595	1602.67407	1754.34607
1716.0	0.000595	1602.41211	1721.88672
1654.0	0.000595	1602.15076	1699.55334
1676.0	0.000595	1601.88989	1683.95679
1703.0	0.000595	1601.62976	1672.66626
1684.0	0.000595	1601.37012	1664.11462
1687.0	0.000595	1601.11121	1657.35803
1657.0	0.000595	1600.85266	1651.83984
1714.0	0.000595	1600.59497	1647.22473
1646.0	0.000595	1600.33777	1643.29651
1659.0	0.000595	1600.08118	1639.90771
1617.0	0.000625	1599.82520	1636.95081
1616.0	0.000625	1599.56982	1634.34509
1674.0	0.000595	1599.31494	1632.02808
1662.0	0.000595	1599.06067	1629.95068
1666.0	0.000595	1598.80713	1623.83130
1635.0	0.000625	1598.55408	1622.20422
1573.0	0.000625	1598.30151	1620.71985
1597.0	0.000625	1598.04956	1619.35803
1608.0	0.000625	1597.79834	1615.99585
1593.0	0.000625	1597.54761	1614.87134
1599.0	0.000625	1597.29736	1613.82593
1616.0	0.000625	1597.04773	1612.85010
1607.0	0.000625	1596.79871	1611.93591
1597.0	0.000625	1596.55017	1611.07617
1600.0	0.000625	1596.30212	1610.26514
1614.0	0.000625	1596.05481	1609.49768
1581.0	0.000625	1595.80798	1608.76941
1595.0	0.000625	1595.56177	1608.07654
1645.0	0.000595	1595.31604	1607.41589
1596.0	0.000625	1595.07080	1606.78430
1599.0	0.000625	1594.82617	1606.17969
1672.0	0.000595	1594.58203	1605.59949
1588.0	0.000625	1594.33850	1605.04211
1635.0	0.000625	1594.09546	1604.50562
1610.0	0.000625	1593.85291	1603.98853
1628.0	0.000625	1593.61108	1603.48962
1588.0	0.000625	1593.36951	1603.00757
1646.0	0.000595	1593.12866	1602.54163
1655.0	0.000595	1592.88831	1602.09058
1695.0	0.000595	1592.64844	1602.54785

1602.0	0.000625	1592.40906	1602.14136
1693.0	0.000595	1592.17029	1601.74854
1647.0	0.000595	1591.93201	1601.36841
1578.0	0.000625	1591.69421	1601.00061
1688.0	0.000595	1591.45691	1600.64490
1545.0	0.000657	1591.22021	1600.30090
1570.0	0.000625	1590.98401	1599.96814
1571.0	0.000625	1590.74817	1595.35303
1629.0	0.000625	1590.51294	1595.12280
1631.0	0.000625	1590.27808	1594.90125
1595.0	0.000625	1590.04395	1594.68872
1726.0	0.000567	1589.81018	1594.48523
1612.0	0.000625	1589.57690	1594.29102
1634.0	0.000625	1589.34412	1594.10632
1554.0	0.000657	1589.11182	1593.93140
1574.0	0.000625	1588.88013	1593.76685
1547.0	0.000657	1588.64868	1595.99475
1650.0	0.000595	1588.41797	1595.89758
1694.0	0.000595	1588.18750	1595.81372
1697.0	0.000595	1587.95776	1595.74438
1642.0	0.000595	1587.72839	1595.68994
1570.0	0.000625	1587.49939	1595.65161
1560.0	0.000657	1587.27100	1595.63110
1636.0	0.000625	1587.04297	1595.62964
1665.0	0.000595	1586.81555	1595.64905
1661.0	0.000595	1586.58838	1595.69116
1568.0	0.000625	1586.36194	1595.75879
1643.0	0.000595	1586.13574	1595.85425
1650.0	0.000595	1585.91016	1595.98108
1696.0	0.000595	1585.68494	1596.14282
1650.0	0.000595	1585.46021	1596.34424
1581.0	0.000625	1585.23596	1596.59045
1594.0	0.000625	1585.01208	1596.88782
1681.0	0.000595	1584.78870	1597.24414
1664.0	0.000595	1584.56580	1597.66846
1682.0	0.000595	1584.34326	1598.17175
1608.0	0.000625	1584.12134	1598.76868
1513.0	0.000657	1583.89966	1599.47534
1605.0	0.000625	1583.67847	1600.31360
1718.0	0.000595	1583.45776	1601.31030
1591.0	0.000625	1583.23755	1604.39038
1685.0	0.000595	1583.01758	1605.85828
1589.0	0.000625	1582.79822	1607.63416
1709.0	0.000595	1582.57910	1609.81274
1663.0	0.000595	1582.36060	1612.53894
1628.0	0.000625	1582.14246	1616.03357
1618.0	0.000625	1581.92468	1621.87146
1611.0	0.000625	1581.70752	1628.08740
1665.0	0.000595	1581.49048	1636.57007
1599.0	0.000625	1581.27417	1648.16772
1741.0	0.000567	1581.05811	1663.83472
1775.0	0.000567	1580.84253	1684.47852
1747.0	0.000567	1580.62720	1710.67078
1830.0	0.000541	1580.41248	1742.09998

1804.0	0.000567	1580.19812	1777.78369
1951.0	0.000517	1579.98401	1809.48499
1953.0	0.000517	1579.77063	1829.16052
1871.0	0.000541	1579.55737	1828.70862
1924.0	0.000517	1579.34460	1807.88770
1883.0	0.000541	1579.13220	1776.28601
1815.0	0.000541	1578.92029	1742.46082
1753.0	0.000567	1578.70874	1711.86511
1708.0	0.000595	1578.49756	1686.58618
1669.0	0.000595	1578.28674	1666.85608
1640.0	0.000595	1578.07629	1652.07166
1625.0	0.000625	1577.86633	1641.31995
1719.0	0.000595	1577.65674	1633.65369
1628.0	0.000625	1577.44751	1628.23975
1525.0	0.000657	1577.23865	1624.42285
1696.0	0.000595	1577.03027	1621.72937
1617.0	0.000625	1576.82214	1619.83936
1587.0	0.000625	1576.61438	1618.54382
1597.0	0.000625	1576.40723	1617.71021
1647.0	0.000595	1576.20020	1617.25391
1587.0	0.000625	1575.99377	1617.12012
1685.0	0.000595	1575.78748	1617.27295
1648.0	0.000595	1575.58167	1618.42798
1600.0	0.000625	1575.37622	1619.11145
1656.0	0.000595	1575.17114	1620.04272
1592.0	0.000625	1574.96643	1621.22400
1647.0	0.000595	1574.76208	1622.66370
1591.0	0.000625	1574.55811	1624.37756
1657.0	0.000595	1574.35449	1626.38806
1657.0	0.000595	1574.15125	1628.72498
1674.0	0.000595	1573.94836	1631.42810
1749.0	0.000567	1573.74585	1634.54773
1669.0	0.000595	1573.54370	1638.14868
1709.0	0.000595	1573.34180	1642.31311
1649.0	0.000595	1573.14038	1647.14880
1637.0	0.000625	1572.93921	1652.79980
1657.0	0.000595	1572.73853	1659.46399
1646.0	0.000595	1572.53809	1667.42737
1652.0	0.000595	1572.33801	1677.11719
1715.0	0.000595	1572.13831	1689.17932
1722.0	0.000595	1571.93884	1704.58264
1727.0	0.000567	1571.73987	1724.72766
1734.0	0.000567	1571.54114	1752.41125
1860.0	0.000541	1571.34290	1788.24976
1891.0	0.000541	1571.14478	1835.79163
1899.0	0.000517	1570.94714	1897.57312
1934.0	0.000517	1570.74976	1975.20618
2066.0	0.000494	1570.55273	2067.87891
2079.0	0.000473	1570.35608	2169.46729
2371.0	0.000416	1570.15979	2264.43970
2442.0	0.000416	1569.96387	2327.52490
2483.0	0.000400	1569.76807	2336.57471
2447.0	0.000416	1569.57275	2292.31665
2281.0	0.000434	1569.37769	2217.98608

2179.0	0.000453	1569.18298	2139.49341
2033.0	0.000494	1568.98865	2073.13892
2141.0	0.000473	1568.79468	2026.41101
2066.0	0.000494	1568.60095	2002.39160
2062.0	0.000494	1568.40747	2002.98682
2138.0	0.000473	1568.21448	2030.78333
2205.0	0.000453	1568.02161	2089.99414
2246.0	0.000453	1567.82922	2186.58765
2437.0	0.000416	1567.63708	2327.44360
2602.0	0.000384	1567.44519	2518.33740
2858.0	0.000356	1567.25378	2760.17480
3381.0	0.0002973	1567.06262	3041.75806
3628.0	0.0002778	1566.87183	3327.17310
3940.0	0.0002520	1566.68103	3545.17163
4039.0	0.0002441	1566.49084	3610.96582
3957.0	0.0002520	1566.30090	3493.34473
3500.0	0.0002873	1566.11121	3247.16357
3075.0	0.0003306	1565.92188	2958.62280
2667.0	0.000370	1565.73291	2687.99243
2577.0	0.000384	1565.54407	2461.73584
2278.0	0.000434	1565.35571	2285.75708
2130.0	0.000473	1565.16760	2156.30078
2070.0	0.000473	1564.97974	2065.77515
2030.0	0.000494	1564.79224	2005.86060
1967.0	0.000517	1564.60498	1969.26563
1943.0	0.000517	1564.41809	1950.62354
2011.0	0.000494	1564.23145	1946.80127
1999.0	0.000494	1564.04504	1956.90283
1905.0	0.000517	1563.85901	1982.18909
2012.0	0.000494	1563.67322	2025.98340
2038.0	0.000494	1563.48779	2093.46436
2213.0	0.000453	1563.30261	2191.15308
2408.0	0.000416	1563.11780	2325.89331
2568.0	0.000384	1562.93311	2503.08765
2793.0	0.000356	1562.74890	2723.48071
3150.0	0.0003189	1562.56470	2976.83862
3470.0	0.0002873	1562.38098	3231.86304
3656.0	0.0002778	1562.19763	3432.61548
3916.0	0.0002520	1562.01428	3527.05469
3723.0	0.0002687	1561.83154	3518.66626
3578.0	0.0002778	1561.64893	3468.38257
3576.0	0.0002778	1561.46655	3439.41455
3685.0	0.0002687	1561.28455	3456.54346
3741.0	0.0002687	1561.10278	3496.61963
3796.0	0.0002601	1560.92126	3500.04541
3705.0	0.0002687	1560.74011	3420.91626
3529.0	0.0002873	1560.55908	3281.29175
3325.0	0.0002973	1560.37842	3147.43042
3122.0	0.0003189	1560.19812	3071.22119
3227.0	0.0003078	1560.01782	3070.07056
3265.0	0.0003078	1559.83813	3128.29907
3409.0	0.0002973	1559.65845	3195.10742
3318.0	0.0002973	1559.47913	3194.61646
3277.0	0.0003078	1559.30017	3077.99609

3001.0	0.0003306	1559.12146	2869.38721
2713.0	0.000370	1558.94287	2632.41968
2449.0	0.000416	1558.76465	2413.68579
2236.0	0.000453	1558.58679	2233.11304
2121.0	0.000473	1558.40906	2094.13452
2015.0	0.000494	1558.23169	1992.51135
1996.0	0.000494	1558.05444	1921.06372
1986.0	0.000494	1557.87756	1872.34448
1948.0	0.000517	1557.70093	1840.16064
1884.0	0.000541	1557.52454	1820.23462
1850.0	0.000541	1557.34851	1810.27344
1910.0	0.000517	1557.17261	1809.76111
1848.0	0.000541	1556.99707	1819.66541
1983.0	0.000494	1556.82178	1842.08618
1979.0	0.000517	1556.64661	1879.74805
2064.0	0.000494	1556.47180	1935.21362
2084.0	0.000473	1556.29736	2009.61963
2244.0	0.000453	1556.12292	2100.43213
2424.0	0.000416	1555.94897	2197.31689
2569.0	0.000384	1555.77515	2277.33179
2503.0	0.000400	1555.60156	2309.08350
2475.0	0.000400	1555.42834	2275.68726
2399.0	0.000416	1555.25537	2192.53589
2284.0	0.000434	1555.08252	2096.90747
2222.0	0.000453	1554.91003	2000.61804
2192.0	0.000453	1554.73779	1920.39734
2384.0	0.000416	1554.56580	1859.10059
2878.0	0.0003429	1554.39392	1815.82617
3332.0	0.0002973	1554.22253	1788.29932
3153.0	0.0003189	1554.05127	1774.24927
2470.0	0.000400	1553.88025	1772.28613
2006.0	0.000494	1553.70947	1782.38940
1900.0	0.000517	1553.53894	1806.01086
1921.0	0.000517	1553.36877	1845.77234
1969.0	0.000517	1553.19861	1904.73767
2056.0	0.000494	1553.02893	1985.19678
2087.0	0.000473	1552.85938	2086.64648
2219.0	0.000453	1552.69006	2202.08276
2425.0	0.000416	1552.52100	2312.10034
2407.0	0.000416	1552.35217	2382.51440
2356.0	0.000416	1552.18359	2380.80347
2326.0	0.000434	1552.01526	2306.24292
2243.0	0.000453	1551.84729	2190.62305
2078.0	0.000473	1551.67944	2068.34009
1998.0	0.000494	1551.51184	1959.13904
1923.0	0.000517	1551.34448	1870.11707
1798.0	0.000567	1551.17749	1801.62268
1759.0	0.000567	1551.01050	1750.97424
1762.0	0.000567	1550.84387	1713.52209
1732.0	0.000567	1550.67761	1687.33325
1695.0	0.000595	1550.51135	1668.35706
1683.0	0.000595	1550.34546	1654.25256
1634.0	0.000625	1550.17981	1643.41870
1690.0	0.000595	1550.01440	1634.82483

1664.0	0.000595	1549.84924	1627.82385
1686.0	0.000595	1549.68420	1622.00623
1690.0	0.000595	1549.51941	1617.10315
1707.0	0.000595	1549.35498	1612.92871
1579.0	0.000625	1549.19080	1609.34656
1625.0	0.000625	1549.02673	1606.25439
1659.0	0.000595	1548.86292	1603.57263
1664.0	0.000595	1548.69946	1601.23853
1629.0	0.000625	1548.53613	1599.20166
1603.0	0.000625	1548.37305	1597.42236
1628.0	0.000625	1548.21021	1595.86719
1610.0	0.000625	1548.04761	1594.51013
1556.0	0.000657	1547.88525	1590.96094
1633.0	0.000625	1547.72302	1589.98193
1589.0	0.000625	1547.56116	1589.14563
1671.0	0.000595	1547.39954	1588.43933
1619.0	0.000625	1547.23804	1587.85376
1608.0	0.000625	1547.07678	1587.38037
1594.0	0.000625	1546.91577	1587.01355
1667.0	0.000595	1546.75500	1586.74756
1608.0	0.000625	1546.59448	1586.57935
1585.0	0.000625	1546.43420	1586.50500
1571.0	0.000625	1546.27417	1586.52393
1604.0	0.000625	1546.11426	1586.63428
1550.0	0.000657	1545.95471	1586.83667
1589.0	0.000625	1545.79529	1587.13135
1578.0	0.000625	1545.63611	1587.52026
1596.0	0.000625	1545.47717	1588.00537
1585.0	0.000625	1545.31860	1588.59033
1552.0	0.000657	1545.16016	1589.42749
1607.0	0.000625	1545.00183	1590.22742
1601.0	0.000625	1544.84387	1591.14172
1620.0	0.000625	1544.68604	1592.17712
1599.0	0.000625	1544.52844	1593.34229
1580.0	0.000625	1544.37109	1594.64575
1602.0	0.000625	1544.21399	1594.20593
1560.0	0.000657	1544.05713	1595.85620
1614.0	0.000625	1543.90051	1597.68115
1623.0	0.000625	1543.74414	1599.69763
1605.0	0.000625	1543.58789	1601.92346
1621.0	0.000625	1543.43188	1604.38074
1619.0	0.000625	1543.27612	1607.09363
1670.0	0.000595	1543.12061	1608.84143
1635.0	0.000625	1542.96533	1612.17883
1623.0	0.000625	1542.81030	1615.87073
1653.0	0.000595	1542.65540	1625.74890
1671.0	0.000595	1542.50073	1630.40063
1669.0	0.000595	1542.34644	1635.56665
1660.0	0.000595	1542.19214	1641.31885
1609.0	0.000625	1542.03821	1647.74194
1672.0	0.000595	1541.88452	1653.65955
1715.0	0.000595	1541.73096	1661.77124
1683.0	0.000595	1541.57776	1670.92065
1723.0	0.000567	1541.42468	1681.28430

1724.0	0.000567	1541.27185	1693.07776
1734.0	0.000567	1541.11914	1706.56641
1771.0	0.000567	1540.96680	1722.07935
1770.0	0.000567	1540.81470	1740.03003
1832.0	0.000541	1540.66272	1760.94580
1907.0	0.000517	1540.51099	1785.51514
1940.0	0.000517	1540.35950	1814.66406
1936.0	0.000517	1540.20825	1849.69604
2020.0	0.000494	1540.05713	1892.52673
2064.0	0.000494	1539.90637	1946.07898
2234.0	0.000453	1539.75574	2014.87219
2303.0	0.000434	1539.60535	2105.80054
2439.0	0.000416	1539.45520	2228.94507
2705.0	0.000370	1539.30530	2398.09717
2915.0	0.0003429	1539.15552	2630.49976
3316.0	0.0002973	1539.00610	2945.26880
3618.0	0.0002778	1538.85681	3360.00659
4066.0	0.0002441	1538.70776	3884.71167
4704.0	0.0002100	1538.55896	4509.71143
5242.0	0.0001929	1538.41040	5187.26318
5576.0	0.0001778	1538.26196	5798.06787
5973.0	0.0001687	1538.11377	6156.82666
6058.0	0.0001644	1537.96582	6112.46094
5880.0	0.0001687	1537.81812	5685.57520
5427.0	0.0001826	1537.67065	5047.41016
4714.0	0.0002100	1537.52344	4373.83984
3999.0	0.0002520	1537.37634	3767.09814
3464.0	0.0002873	1537.22961	3265.67554
3134.0	0.0003189	1537.08289	2873.21704
2749.0	0.000370	1536.93652	2577.44556
2503.0	0.000400	1536.79028	2360.05518
2361.0	0.000416	1536.64441	2202.10986
2164.0	0.000453	1536.49866	2087.00757
2058.0	0.000494	1536.35315	2001.74280
2033.0	0.000494	1536.20789	1936.95825
1914.0	0.000517	1536.06287	1886.32520
1917.0	0.000517	1535.91797	1845.71667
1878.0	0.000541	1535.77344	1811.57080
1774.0	0.000567	1535.62903	1783.92993
1720.0	0.000595	1535.48486	1760.67700
1727.0	0.000567	1535.34094	1740.94678
1735.0	0.000567	1535.19714	1724.09229
1708.0	0.000595	1535.05371	1709.61621
1687.0	0.000595	1534.91052	1697.12793
1687.0	0.000595	1534.76733	1686.31616
1661.0	0.000595	1534.62451	1676.93140
1658.0	0.000595	1534.48193	1668.77161
1668.0	0.000595	1534.33948	1661.67151
1596.0	0.000625	1534.19727	1655.49670
1625.0	0.000625	1534.05542	1650.13647
1559.0	0.000657	1533.91370	1645.50024
1645.0	0.000595	1533.77209	1641.51294
1607.0	0.000625	1533.63086	1638.11377
1619.0	0.000625	1533.48975	1635.25281

1600.0	0.000625	1533.34888	1632.89001
1595.0	0.000625	1533.20837	1630.99438
1619.0	0.000625	1533.06799	1629.54163
1593.0	0.000625	1532.92773	1628.51489
1650.0	0.000595	1532.78784	1627.90405
1620.0	0.000625	1532.64819	1627.70447
1620.0	0.000625	1532.50854	1627.91833
1624.0	0.000625	1532.36938	1628.55432
1672.0	0.000595	1532.23022	1629.62769
1622.0	0.000625	1532.09143	1631.16199
1601.0	0.000625	1531.95276	1633.18896
1602.0	0.000625	1531.81433	1635.75195
1655.0	0.000595	1531.67627	1638.90784
1765.0	0.000567	1531.53821	1642.73279
1651.0	0.000595	1531.40051	1647.33203
1693.0	0.000595	1531.26306	1652.85608
1674.0	0.000595	1531.12573	1659.52588
1674.0	0.000595	1530.98877	1667.66895
1657.0	0.000595	1530.85193	1677.75696
1664.0	0.000595	1530.71521	1690.43286
1722.0	0.000595	1530.57886	1706.49805
1773.0	0.000567	1530.44275	1726.83423
1743.0	0.000567	1530.30688	1752.24121
1783.0	0.000567	1530.17114	1783.15100
1835.0	0.000541	1530.03564	1819.10046
1956.0	0.000517	1529.90039	1857.79980
2001.0	0.000494	1529.76526	1894.33813
1990.0	0.000494	1529.63049	1923.02686
2090.0	0.000473	1529.49585	1942.90723
2074.0	0.000473	1529.36145	1960.10376
2121.0	0.000473	1529.22742	1983.38818
2182.0	0.000453	1529.09338	2020.45752
2262.0	0.000434	1528.95972	2078.32202
2368.0	0.000416	1528.82617	2165.09741
2544.0	0.000400	1528.69299	2291.39087
2662.0	0.000370	1528.55994	2470.84668
2924.0	0.0003429	1528.42725	2719.57031
3203.0	0.0003078	1528.29468	3054.06641
3648.0	0.0002778	1528.16223	3487.20337
4062.0	0.0002441	1528.03015	4020.86646
4533.0	0.0002228	1527.89819	4631.92529
5120.0	0.0001929	1527.76660	5248.29736
5548.0	0.0001826	1527.63501	5729.04980
5556.0	0.0001778	1527.50378	5902.73584
5500.0	0.0001826	1527.37280	5691.73926
4988.0	0.0001984	1527.24207	5188.13135
4481.0	0.0002228	1527.11145	4564.81445
4097.0	0.0002441	1526.98120	3956.27856
3673.0	0.0002687	1526.85107	3428.62598
3163.0	0.0003189	1526.72119	3001.51318
2895.0	0.0003429	1526.59155	2671.21558
2714.0	0.000370	1526.46216	2423.79663
2412.0	0.000416	1526.33289	2242.03198
2217.0	0.000453	1526.20386	2109.28345

2184.0	0.000453	1526.07520	2015.58350
2058.0	0.000494	1525.94666	1942.24109
1979.0	0.000517	1525.81836	1885.67371
1985.0	0.000494	1525.69031	1840.81738
1895.0	0.000517	1525.56238	1804.36829
1875.0	0.000541	1525.43481	1774.17053
1806.0	0.000541	1525.30737	1748.77991
1816.0	0.000541	1525.18030	1727.18958
1770.0	0.000567	1525.05334	1708.66516
1725.0	0.000567	1524.92664	1692.65076
1734.0	0.000567	1524.80017	1678.71436
1729.0	0.000567	1524.67383	1666.51379
1727.0	0.000567	1524.54785	1655.77478
1678.0	0.000595	1524.42200	1646.27405
1627.0	0.000625	1524.29651	1637.83032
1612.0	0.000625	1524.17102	1630.29321
1613.0	0.000625	1524.04590	1623.53882
1656.0	0.000595	1523.92102	1617.46338
1648.0	0.000595	1523.79626	1611.97998
1662.0	0.000595	1523.67188	1600.97131
1611.0	0.000625	1523.54761	1596.57556
1599.0	0.000625	1523.42371	1592.58008
1558.0	0.000657	1523.29993	1588.93958
1641.0	0.000595	1523.17639	1585.61475
1563.0	0.000625	1523.05298	1582.57227
1623.0	0.000625	1522.92993	1579.78308
1615.0	0.000625	1522.80713	1577.22180
1615.0	0.000625	1522.68445	1574.86633
1546.0	0.000657	1522.56201	1572.69727
1629.0	0.000625	1522.43994	1570.69812
1593.0	0.000625	1522.31787	1568.85327
1538.0	0.000657	1522.19617	1567.15015
1599.0	0.000625	1522.07471	1565.57727
1604.0	0.000625	1521.95337	1564.12402
1529.0	0.000657	1521.83240	1562.78174
1559.0	0.000657	1521.71155	1561.54224
1516.0	0.000657	1521.59094	1560.39844
1495.0	0.000657	1521.47058	1559.34412
1523.0	0.000657	1521.35046	1558.37378
1525.0	0.000657	1521.23059	1557.48242
1603.0	0.000625	1521.11084	1556.66589
1621.0	0.000625	1520.99146	1555.92041
1555.0	0.000657	1520.87219	1555.24255
1567.0	0.000625	1520.75330	1560.05786
1558.0	0.000657	1520.63440	1559.61121
1647.0	0.000595	1520.51587	1559.22839
1634.0	0.000625	1520.39758	1558.90759
1542.0	0.000657	1520.27954	1558.64722
1613.0	0.000625	1520.16162	1558.44666
1660.0	0.000595	1520.04395	1558.30554
1586.0	0.000625	1519.92664	1558.22339
1581.0	0.000625	1519.80945	1558.20044
1587.0	0.000625	1519.69250	1558.23694
1626.0	0.000625	1519.57581	1558.33411

1546.0	0.000657	1519.45923	1558.49243
1680.0	0.000595	1519.34302	1558.71375
1555.0	0.000657	1519.22693	1558.99988
1583.0	0.000625	1519.11121	1559.35315
1585.0	0.000625	1518.99561	1559.77563
1512.0	0.000657	1518.88025	1560.41223
1572.0	0.000625	1518.76514	1560.98682
1523.0	0.000657	1518.65015	1561.64185
1560.0	0.000625	1518.53552	1562.38232
1581.0	0.000625	1518.42102	1566.33850
1573.0	0.000625	1518.30688	1572.98816
1505.0	0.000657	1518.19275	1577.62793
1579.0	0.000625	1518.07910	1579.01306
1541.0	0.000657	1517.96558	1580.52649
1585.0	0.000625	1517.85229	1582.17920
1506.0	0.000657	1517.73914	1583.98364
1529.0	0.000657	1517.62622	1585.95361
1614.0	0.000625	1517.51367	1588.10547
1593.0	0.000625	1517.40125	1590.45691
1568.0	0.000625	1517.28906	1593.02942
1563.0	0.000625	1517.17712	1595.84729
1611.0	0.000625	1517.06543	1598.93884
1556.0	0.000657	1516.95386	1602.33582
1590.0	0.000625	1516.84253	1606.07715
1593.0	0.000625	1516.73157	1610.05701
1583.0	0.000625	1516.62073	1614.63098
1616.0	0.000625	1516.51001	1619.70801
1563.0	0.000625	1516.39966	1625.36206
1672.0	0.000595	1516.28955	1631.68188
1622.0	0.000625	1516.17969	1638.77319
1704.0	0.000595	1516.06995	1646.76624
1650.0	0.000595	1515.96045	1655.81812
1655.0	0.000595	1515.85120	1666.12366
1622.0	0.000625	1515.74219	1677.92529
1743.0	0.000567	1515.63342	1691.52966
1702.0	0.000595	1515.52478	1711.43652
1709.0	0.000595	1515.41638	1730.03687
1740.0	0.000567	1515.30835	1752.09241
1779.0	0.000567	1515.20044	1778.65308
1832.0	0.000541	1515.09277	1811.29065
2048.0	0.000494	1514.98535	1852.39832
2045.0	0.000494	1514.87805	1899.81714
2095.0	0.000473	1514.77112	1970.49951
2174.0	0.000453	1514.66431	2065.86865
2424.0	0.000416	1514.55774	2195.27417
2555.0	0.000384	1514.45129	2369.51294
2747.0	0.000370	1514.34534	2599.38916
2944.0	0.0003429	1514.23938	2893.07251
3357.0	0.0002973	1514.13367	3251.38208
3585.0	0.0002778	1514.02832	3658.83008
4082.0	0.0002441	1513.92310	4068.61157
4376.0	0.0002296	1513.81799	4390.51367
4345.0	0.0002296	1513.71326	4514.83545
4334.0	0.0002296	1513.60864	4389.33203

4000.0	0.0002520	1513.50439	4068.85132
3625.0	0.0002778	1513.40027	3663.44702
3314.0	0.0002973	1513.29639	3262.25488
2959.0	0.0003429	1513.19275	2911.05225
2473.0	0.000400	1513.08923	2624.75293
2382.0	0.000416	1512.98596	2402.79346
2219.0	0.000453	1512.88293	2235.90723
2195.0	0.000453	1512.78015	2113.80347
2039.0	0.000494	1512.67761	2025.74902
1982.0	0.000494	1512.57520	1962.49243
1887.0	0.000541	1512.47302	1916.83130
1840.0	0.000541	1512.37122	1883.58411
1845.0	0.000541	1512.26953	1859.23828
1849.0	0.000541	1512.16797	1841.50513
1774.0	0.000567	1512.06665	1828.92078
1809.0	0.000541	1511.96570	1820.55103
1694.0	0.000595	1511.86487	1815.79822
1699.0	0.000595	1511.76428	1814.28796
1716.0	0.000595	1511.66382	1815.80310
1792.0	0.000567	1511.56360	1820.25220
1731.0	0.000567	1511.46375	1827.65308
1758.0	0.000567	1511.36389	1838.13025
1765.0	0.000567	1511.26440	1851.92249
1791.0	0.000567	1511.16504	1869.39966
1881.0	0.000541	1511.06592	1891.09607
1777.0	0.000567	1510.96716	1917.77258
1896.0	0.000517	1510.86841	1950.52795
1986.0	0.000494	1510.76990	1991.00781
2026.0	0.000494	1510.67175	2041.77222
2025.0	0.000494	1510.57373	2106.89941
2017.0	0.000494	1510.47583	2192.85474
2268.0	0.000434	1510.37817	2309.51953
2282.0	0.000434	1510.28088	2471.04321
2608.0	0.000384	1510.18359	2695.90430
2940.0	0.0003429	1510.08679	3005.45508
3310.0	0.0002973	1509.98987	3420.29053
3750.0	0.0002687	1509.89343	3953.79614
4649.0	0.0002163	1509.79700	4600.90088
5328.0	0.0001877	1509.70093	5317.22559
6295.0	0.0001602	1509.60498	5987.61719
6996.0	0.0001417	1509.50928	6418.87207
7068.0	0.0001417	1509.41370	6436.48975
6355.0	0.0001562	1509.31836	6044.61816
5338.0	0.0001877	1509.22339	5422.31201
4666.0	0.0002163	1509.12842	4762.34570
4026.0	0.0002520	1509.03381	4178.65918
3679.0	0.0002687	1508.93933	3715.79785
3336.0	0.0002973	1508.84509	3380.47363
3091.0	0.0003189	1508.75098	3162.38159
3080.0	0.0003306	1508.65710	3045.77930
3041.0	0.0003306	1508.56360	3016.67139
3225.0	0.0003078	1508.47009	3067.50000
3313.0	0.0002973	1508.37683	3199.91357
3590.0	0.0002778	1508.28381	3425.87793

3935.0	0.0002520	1508.19092	3767.11426
4367.0	0.0002296	1508.09839	4252.35889
5078.0	0.0001984	1508.00598	4911.86279
5923.0	0.0001687	1507.91370	5769.12207
7032.0	0.0001417	1507.82166	6828.59717
8367.0	0.0001208	1507.72986	8051.84473
10101.0	0.0000980	1507.63818	9314.97168
10997.0	0.0000907	1507.54675	10371.06348
11437.0	0.0000873	1507.45557	10897.63184
10981.0	0.0000907	1507.36462	10686.84570
10175.0	0.0000980	1507.27368	9818.02539
8649.0	0.0001156	1507.18311	8585.59375
7388.0	0.0001352	1507.09265	7285.74170
6203.0	0.0001602	1507.00244	6106.11572
5146.0	0.0001929	1506.91248	5127.45898
4442.0	0.0002228	1506.82263	4356.70410
3876.0	0.0002601	1506.73291	3775.14722
3430.0	0.0002873	1506.64343	3348.92358
3086.0	0.0003189	1506.55420	3042.59692
2863.0	0.0003429	1506.46509	2825.20752
2697.0	0.000370	1506.37634	2672.89429
2534.0	0.000400	1506.28760	2569.24268
2547.0	0.000400	1506.19910	2504.41235
2465.0	0.000400	1506.11072	2473.81055
2472.0	0.000400	1506.02271	2476.74194
2453.0	0.000400	1505.93481	2515.12158
2536.0	0.000400	1505.84705	2592.16064
2685.0	0.000370	1505.75952	2710.79248
2926.0	0.0003429	1505.67212	2871.37329
3186.0	0.0003189	1505.58496	3067.65332
3345.0	0.0002973	1505.49805	3279.85474
3722.0	0.0002687	1505.41113	3466.86914
3977.0	0.0002520	1505.32471	3569.73950
3968.0	0.0002520	1505.23816	3541.94849
3666.0	0.0002687	1505.15198	3387.30225
3260.0	0.0003078	1505.06592	3156.11328
2937.0	0.0003429	1504.97998	2905.24878
2574.0	0.000384	1504.89429	2671.71167
2322.0	0.000434	1504.80884	2471.88965
2290.0	0.000434	1504.72351	2309.61304
2072.0	0.000473	1504.63831	2182.54419
2056.0	0.000494	1504.55334	2085.71851
1943.0	0.000517	1504.46851	2013.42346
1829.0	0.000541	1504.38391	1960.26843
1835.0	0.000541	1504.29956	1921.76624
1848.0	0.000541	1504.21533	1894.58276
1827.0	0.000541	1504.13123	1876.55786
1854.0	0.000541	1504.04724	1866.60229
1878.0	0.000541	1503.96350	1864.54761
1867.0	0.000541	1503.88000	1870.96826
1910.0	0.000517	1503.79663	1882.92505
1967.0	0.000517	1503.71338	1912.82996
1987.0	0.000494	1503.63037	1951.92529
2095.0	0.000473	1503.54749	2003.37573

2115.0	0.000473	1503.46484	2065.41846
2197.0	0.000453	1503.38232	2132.22974
2388.0	0.000416	1503.29993	2192.51367
2398.0	0.000416	1503.21777	2233.52148
2378.0	0.000416	1503.13574	2252.26465
2362.0	0.000416	1503.05383	2261.43262
2405.0	0.000416	1502.97217	2280.83594
2473.0	0.000400	1502.89063	2326.77051
2567.0	0.000384	1502.80920	2408.82642
2667.0	0.000370	1502.72815	2530.20679
2770.0	0.000356	1502.64709	2692.35938
2884.0	0.0003429	1502.56616	2867.65161
3080.0	0.0003306	1502.48547	3027.73413
3052.0	0.0003306	1502.40491	3123.05151
3007.0	0.0003306	1502.32458	3112.22876
2989.0	0.0003306	1502.24426	2994.26807
2854.0	0.000356	1502.16418	2808.55396
2649.0	0.000384	1502.08435	2602.68042
2437.0	0.000416	1502.00452	2408.81445
2193.0	0.000453	1501.92493	2241.72461
2104.0	0.000473	1501.84546	2105.23438
2002.0	0.000494	1501.76624	1997.69678
1866.0	0.000541	1501.68701	1915.07410
1824.0	0.000541	1501.60803	1852.56738
1769.0	0.000567	1501.52917	1811.58826
1727.0	0.000567	1501.45056	1776.13330
1710.0	0.000595	1501.37195	1748.98694
1741.0	0.000567	1501.29358	1727.81433
1661.0	0.000595	1501.21533	1710.97473
1688.0	0.000595	1501.13721	1697.35046
1693.0	0.000595	1501.05933	1686.18823
1572.0	0.000625	1500.98145	1676.97546
1598.0	0.000625	1500.90381	1669.35388
1654.0	0.000595	1500.82629	1663.06653
1601.0	0.000625	1500.74890	1657.92407
1634.0	0.000625	1500.67163	1653.78345
1622.0	0.000625	1500.59460	1650.53772
1575.0	0.000625	1500.51770	1648.10730
1613.0	0.000625	1500.44080	1641.01025
1599.0	0.000625	1500.36414	1640.16064
1616.0	0.000625	1500.28760	1640.00977
1535.0	0.000657	1500.21118	1640.55408
1561.0	0.000625	1500.13489	1641.80713
1585.0	0.000625	1500.05884	1643.79956
1610.0	0.000625	1499.98279	1646.57983
1622.0	0.000625	1499.90686	1650.21936
1595.0	0.000625	1499.83118	1654.81348
1623.0	0.000625	1499.75549	1660.48987
1598.0	0.000625	1499.68005	1667.41736
1610.0	0.000625	1499.60461	1675.81824
1639.0	0.000625	1499.52942	1685.99634
1651.0	0.000595	1499.45435	1698.37451
1758.0	0.000567	1499.37939	1713.57092
1713.0	0.000595	1499.30457	1732.51990

1741.0	0.000567	1499.22974	1756.65857
1775.0	0.000567	1499.15515	1788.04199
1904.0	0.000517	1499.08069	1830.20496
1936.0	0.000517	1499.00635	1887.53857
2050.0	0.000494	1498.93201	1965.89185
2132.0	0.000473	1498.85791	2068.91113
2263.0	0.000434	1498.78394	2204.11768
2480.0	0.000400	1498.70996	2381.52905
2771.0	0.000356	1498.63623	2603.06079
3078.0	0.0003306	1498.56262	2856.00415
3458.0	0.0002873	1498.48901	3112.21851
3726.0	0.0002687	1498.41553	3316.70532
3860.0	0.0002601	1498.34229	3400.99976
3712.0	0.0002687	1498.26904	3330.35059
3362.0	0.0002973	1498.19592	3136.74731
2957.0	0.0003429	1498.12292	2888.37085
2606.0	0.000384	1498.04993	2641.47925
2404.0	0.000416	1497.97717	2425.41797
2229.0	0.000453	1497.90442	2250.08203
2090.0	0.000473	1497.83191	2115.15234
1987.0	0.000494	1497.75940	2015.62769
1950.0	0.000517	1497.68701	1944.79370
1927.0	0.000517	1497.61475	1895.92908
1883.0	0.000541	1497.54248	1863.25403
1761.0	0.000567	1497.47046	1842.32092
1785.0	0.000567	1497.39844	1830.00513
1743.0	0.000567	1497.32654	1824.28809
1798.0	0.000567	1497.25476	1823.97852
1815.0	0.000541	1497.18298	1828.47681
1795.0	0.000567	1497.11133	1837.61853
1784.0	0.000567	1497.03992	1848.84131
1832.0	0.000541	1496.96851	1868.31128
1855.0	0.000541	1496.89709	1894.23633
1875.0	0.000541	1496.82581	1928.21582
1934.0	0.000517	1496.75464	1972.56616
2039.0	0.000494	1496.68359	2030.46216
2072.0	0.000473	1496.61255	2106.02368
2195.0	0.000453	1496.54163	2204.30225
2325.0	0.000434	1496.47083	2331.08252
2511.0	0.000400	1496.40002	2492.35181
2719.0	0.000370	1496.32935	2693.00854
2941.0	0.0003429	1496.25879	2934.08618
3228.0	0.0003078	1496.18823	3208.00928
3489.0	0.0002873	1496.11768	3494.40552
3727.0	0.0002687	1496.04736	3764.69214
3955.0	0.0002520	1495.97705	3999.51465
4152.0	0.0002441	1495.90686	4199.03662
4415.0	0.0002296	1495.83667	4363.52979
4544.0	0.0002228	1495.76660	4465.85742
4579.0	0.0002163	1495.69653	4459.70264
4495.0	0.0002228	1495.62659	4328.46729
4139.0	0.0002441	1495.55676	4115.86670
3751.0	0.0002687	1495.48694	3897.18799
3573.0	0.0002778	1495.41724	3737.45020

3506.0	0.0002873	1495.34753	3679.11377
3517.0	0.0002873	1495.27783	3748.51050
3658.0	0.0002778	1495.20825	3962.11865
4016.0	0.0002520	1495.13879	4326.96777
4625.0	0.0002163	1495.06934	4836.75977
5286.0	0.0001877	1494.99988	5449.07227
5950.0	0.0001687	1494.93054	6072.07422
6495.0	0.0001524	1494.86121	6545.50977
6723.0	0.0001487	1494.79199	6676.35986
6281.0	0.0001602	1494.72278	6413.31104
5520.0	0.0001826	1494.65369	5881.93311
4992.0	0.0001984	1494.58459	5273.98975
4486.0	0.0002228	1494.51563	4731.18604
4172.0	0.0002367	1494.44666	4328.07520
3914.0	0.0002520	1494.37756	4097.97119
3950.0	0.0002520	1494.30872	4054.10864
4064.0	0.0002441	1494.23987	4199.05176
4521.0	0.0002228	1494.17102	4526.11475
4967.0	0.0002041	1494.10229	5013.84619
5760.0	0.0001731	1494.03357	5610.37598
6304.0	0.0001602	1493.96484	6206.15381
6689.0	0.0001487	1493.89612	6619.71777
6716.0	0.0001487	1493.82751	6664.57178
6326.0	0.0001562	1493.75891	6295.54004
5639.0	0.0001778	1493.69043	5650.34229
4834.0	0.0002041	1493.62183	4919.63184
4077.0	0.0002441	1493.55334	4233.75684
3605.0	0.0002778	1493.48486	3651.03516
3147.0	0.0003189	1493.41638	3185.37231
2794.0	0.000356	1493.34802	2828.66772
2622.0	0.000384	1493.27954	2563.21924
2386.0	0.000416	1493.21118	2368.67944
2302.0	0.000434	1493.14294	2226.13672
2123.0	0.000473	1493.07458	2124.36084
2019.0	0.000494	1493.00623	2043.64539
1920.0	0.000517	1492.93787	1980.27112
1862.0	0.000541	1492.86975	1929.09070
1843.0	0.000541	1492.80139	1886.78723
1815.0	0.000541	1492.73315	1851.20117
1767.0	0.000567	1492.66492	1820.87402
1704.0	0.000595	1492.59668	1794.77319
1671.0	0.000595	1492.52856	1772.13293
1651.0	0.000595	1492.46033	1752.36511
1666.0	0.000595	1492.39209	1735.00696
1626.0	0.000625	1492.32385	1719.68762
1685.0	0.000595	1492.25574	1706.10754
1649.0	0.000595	1492.18762	1692.44104
1655.0	0.000595	1492.11938	1681.66711
1605.0	0.000625	1492.05127	1677.42761
1562.0	0.000625	1491.98303	1668.86389
1587.0	0.000625	1491.91492	1661.16870
1572.0	0.000625	1491.84668	1656.01196
1558.0	0.000657	1491.77856	1649.79700
1569.0	0.000625	1491.71033	1644.19604

1601.0	0.000625	1491.64221	1639.14832
1541.0	0.000657	1491.57385	1634.60144
1575.0	0.000625	1491.50574	1630.51025
1611.0	0.000625	1491.43750	1626.83655
1567.0	0.000625	1491.36926	1623.54663
1536.0	0.000657	1491.30103	1620.61255
1561.0	0.000625	1491.23279	1618.00916
1554.0	0.000657	1491.16443	1615.71582
1568.0	0.000625	1491.09619	1613.71509
1590.0	0.000625	1491.02783	1611.99158
1538.0	0.000657	1490.95947	1610.53320
1514.0	0.000657	1490.89111	1609.33008
1530.0	0.000657	1490.82275	1608.37451
1579.0	0.000625	1490.75427	1607.66016
1494.0	0.000657	1490.68591	1607.18359
1551.0	0.000657	1490.61743	1606.94287
1543.0	0.000657	1490.54895	1606.93823
1540.0	0.000657	1490.48035	1607.17151
1547.0	0.000657	1490.41187	1607.64673
1556.0	0.000657	1490.34326	1608.36975
1577.0	0.000625	1490.27466	1609.34900
1526.0	0.000657	1490.20605	1610.59497
1532.0	0.000657	1490.13733	1612.12085
1544.0	0.000657	1490.06860	1613.94299
1539.0	0.000657	1489.99976	1616.08044
1556.0	0.000657	1489.93103	1618.55701
1567.0	0.000625	1489.86206	1621.39929
1524.0	0.000657	1489.79321	1624.64038
1585.0	0.000625	1489.72424	1628.31812
1550.0	0.000657	1489.65527	1632.47815
1594.0	0.000625	1489.58618	1637.17285
1616.0	0.000625	1489.51709	1642.46606
1596.0	0.000625	1489.44800	1648.43237
1638.0	0.000625	1489.37878	1655.16064
1643.0	0.000595	1489.30957	1662.75732
1620.0	0.000625	1489.24023	1671.35095
1643.0	0.000595	1489.17090	1681.09631
1656.0	0.000595	1489.10144	1692.18237
1675.0	0.000595	1489.03198	1704.84021
1729.0	0.000567	1488.96252	1719.35669
1742.0	0.000567	1488.89282	1736.09082
1728.0	0.000567	1488.82324	1755.50159
1801.0	0.000567	1488.75342	1778.19019
1821.0	0.000541	1488.68372	1804.97375
1811.0	0.000541	1488.61377	1837.00818
1932.0	0.000517	1488.54395	1875.99707
1979.0	0.000517	1488.47388	1924.51526
2052.0	0.000494	1488.40381	1986.46423
2160.0	0.000473	1488.33374	2067.62695
2252.0	0.000453	1488.26343	2180.58569
2442.0	0.000416	1488.19324	2327.44751
2641.0	0.000384	1488.12280	2525.68970
2909.0	0.0003429	1488.05237	2789.49756
3318.0	0.0002973	1487.98181	3131.61694

3615.0	0.0002778	1487.91125	3559.10767
4186.0	0.0002367	1487.84058	4065.72314
4753.0	0.0002100	1487.76978	4617.95117
5436.0	0.0001826	1487.69897	5135.36963
5756.0	0.0001731	1487.62793	5486.48389
5839.0	0.0001731	1487.55688	5544.21143
5547.0	0.0001826	1487.48572	5286.02686
5003.0	0.0001984	1487.41455	4815.39746
4182.0	0.0002367	1487.34326	4272.24707
3611.0	0.0002778	1487.27185	3755.06860
3227.0	0.0003078	1487.20032	3310.44849
2837.0	0.000356	1487.12878	2951.61475
2488.0	0.000400	1487.05701	2674.83740
2445.0	0.000416	1486.98535	2468.75098
2253.0	0.000453	1486.91345	2319.43921
2188.0	0.000453	1486.84143	2213.40112
2010.0	0.000494	1486.76929	2139.17822
1958.0	0.000517	1486.69714	2087.97314
1930.0	0.000517	1486.62476	2053.56616
1960.0	0.000517	1486.55237	2031.86792
1975.0	0.000517	1486.47986	2020.38403
2025.0	0.000494	1486.40723	2017.76221
1882.0	0.000541	1486.33447	2023.50012
1912.0	0.000517	1486.26160	2024.26404
2040.0	0.000494	1486.18860	2048.33936
1988.0	0.000494	1486.11560	2083.80493
2180.0	0.000453	1486.04236	2133.63916
2231.0	0.000453	1485.96899	2202.18115
2264.0	0.000434	1485.89563	2295.27002
2480.0	0.000400	1485.82202	2420.14111
2636.0	0.000384	1485.74829	2584.95557
2899.0	0.0003429	1485.67456	2797.83740
3177.0	0.0003189	1485.60059	3065.19751
3433.0	0.0002873	1485.52649	3388.67578
3930.0	0.0002520	1485.45239	3759.29663
4300.0	0.0002296	1485.37805	4148.15967
4823.0	0.0002100	1485.30359	4500.20752
5049.0	0.0001984	1485.22900	4750.96338
5143.0	0.0001929	1485.15430	4874.66016
5169.0	0.0001929	1485.07947	4916.37500
5202.0	0.0001929	1485.00439	4961.09814
5131.0	0.0001929	1484.92932	5078.96484
5351.0	0.0001877	1484.85413	5296.80029
5616.0	0.0001778	1484.77869	5588.82471
5913.0	0.0001687	1484.70325	5869.21045
6133.0	0.0001644	1484.62744	6005.08740
5832.0	0.0001731	1484.55176	5887.41943
5503.0	0.0001826	1484.47571	5519.24805
4998.0	0.0001984	1484.39954	5007.40967
4415.0	0.0002296	1484.32336	4472.20996
3948.0	0.0002520	1484.24695	3990.33398
3656.0	0.0002778	1484.17041	3595.12109
3294.0	0.0003078	1484.09363	3294.58008
3197.0	0.0003078	1484.01685	3085.08765

3035.0	0.0003306	1483.93982	2959.08667
2892.0	0.0003429	1483.86255	2909.48828
3032.0	0.0003306	1483.78528	2932.24854
3125.0	0.0003189	1483.70776	3027.50562
3370.0	0.0002973	1483.63013	3199.32983
3570.0	0.0002778	1483.55237	3454.15771
3920.0	0.0002520	1483.47449	3797.88037
4017.0	0.0002520	1483.39624	4230.99414
4741.0	0.0002100	1483.31799	4740.09033
5113.0	0.0001929	1483.23950	5283.58936
5494.0	0.0001826	1483.16089	5775.52881
5680.0	0.0001778	1483.08203	6089.67822
5820.0	0.0001731	1483.00317	6115.61865
5617.0	0.0001778	1482.92395	5840.49463
5217.0	0.0001929	1482.84473	5360.04785
4775.0	0.0002100	1482.76514	4803.60986
4195.0	0.0002367	1482.68555	4267.13574
3630.0	0.0002778	1482.60571	3800.24634
3233.0	0.0003078	1482.52576	3420.81714
2919.0	0.0003429	1482.44556	3130.30298
2824.0	0.000356	1482.36511	2923.11401
2671.0	0.000370	1482.28455	2791.66162
2692.0	0.000370	1482.20398	2729.02197
2650.0	0.000384	1482.12292	2730.11377
2737.0	0.000370	1482.04187	2791.64478
2815.0	0.000356	1481.96057	2910.87231
3099.0	0.0003189	1481.87915	3082.89136
3271.0	0.0003078	1481.79749	3295.58765
3574.0	0.0002778	1481.71570	3521.51904
3741.0	0.0002687	1481.63367	3710.49146
3815.0	0.0002601	1481.55139	3797.55688
3846.0	0.0002601	1481.46899	3739.12402
3557.0	0.0002778	1481.38635	3548.43091
3219.0	0.0003078	1481.30359	3283.06128
2865.0	0.0003429	1481.22058	3002.19678
2578.0	0.000384	1481.13733	2742.84668
2396.0	0.000416	1481.05396	2521.03418
2189.0	0.000453	1480.97034	2340.21118
1980.0	0.000517	1480.88660	2197.58569
1979.0	0.000517	1480.80261	2087.62769
1963.0	0.000517	1480.71838	2003.98608
1866.0	0.000541	1480.63391	1940.59424
1822.0	0.000541	1480.54944	1892.27271
1742.0	0.000567	1480.46448	1854.95386
1749.0	0.000567	1480.37952	1825.64624
1748.0	0.000567	1480.29431	1802.25366
1802.0	0.000567	1480.20886	1783.35059
1620.0	0.000625	1480.12317	1767.97803
1594.0	0.000625	1480.03735	1755.48608
1629.0	0.000625	1479.95129	1745.42639
1664.0	0.000595	1479.86499	1737.48352
1718.0	0.000595	1479.77844	1731.43250
1626.0	0.000625	1479.69177	1727.11633
1576.0	0.000625	1479.60474	1724.42993

1549.0	0.000657	1479.51758	1723.31348
1648.0	0.000595	1479.43030	1723.74585
1655.0	0.000595	1479.34265	1725.74414
1623.0	0.000625	1479.25476	1729.36316
1639.0	0.000625	1479.16675	1734.69800
1654.0	0.000595	1479.07849	1741.88745
1700.0	0.000595	1478.98999	1751.12109
1691.0	0.000595	1478.90125	1762.65039
1634.0	0.000625	1478.81238	1776.80310
1686.0	0.000595	1478.72302	1794.00671
1730.0	0.000567	1478.63367	1814.82654
1753.0	0.000567	1478.54407	1840.02478
1809.0	0.000541	1478.45410	1870.65869
1813.0	0.000541	1478.36414	1908.23767
1935.0	0.000517	1478.27368	1956.68933
1936.0	0.000517	1478.18311	2015.76819
2075.0	0.000473	1478.09229	2091.77002
2140.0	0.000473	1478.00134	2191.08496
2330.0	0.000434	1477.91003	2322.18433
2449.0	0.000416	1477.81848	2495.61523
2634.0	0.000384	1477.72668	2723.49634
2909.0	0.0003429	1477.63464	3018.32617
3246.0	0.0003078	1477.54248	3390.83496
3620.0	0.0002778	1477.44995	3846.22876
4216.0	0.0002367	1477.35730	4377.25342
4759.0	0.0002100	1477.26428	4951.80762
5206.0	0.0001929	1477.17102	5496.40332
5728.0	0.0001731	1477.07751	5891.93652
5928.0	0.0001687	1476.98389	6014.58447
5704.0	0.0001731	1476.88989	5818.43408
5252.0	0.0001929	1476.79565	5374.03516
4679.0	0.0002163	1476.70117	4810.78369
4072.0	0.0002441	1476.60645	4238.78369
3517.0	0.0002873	1476.51147	3724.94116
3120.0	0.0003189	1476.41626	3285.86060
2839.0	0.000356	1476.32080	2929.20288
2519.0	0.000400	1476.22510	2648.02319
2358.0	0.000416	1476.12915	2430.91895
2190.0	0.000453	1476.03284	2265.31982
2067.0	0.000494	1475.93640	2139.38013
2002.0	0.000494	1475.83960	2042.99475
1914.0	0.000517	1475.74255	1968.17017
1816.0	0.000541	1475.64526	1908.94836
1797.0	0.000567	1475.54773	1861.08057
1750.0	0.000567	1475.44995	1821.61804
1662.0	0.000595	1475.35193	1788.53271
1697.0	0.000595	1475.25354	1760.41650
1587.0	0.000625	1475.15503	1736.26733
1632.0	0.000625	1475.05603	1715.34875
1587.0	0.000625	1474.95703	1697.10205
1619.0	0.000625	1474.85754	1681.08997
1627.0	0.000625	1474.75793	1666.96558
1544.0	0.000657	1474.65808	1654.44666
1546.0	0.000657	1474.55786	1644.65881

1512.0	0.000657	1474.45740	1634.72632
1529.0	0.000657	1474.35657	1625.82104
1547.0	0.000657	1474.25562	1617.81152
1507.0	0.000657	1474.15430	1610.58594
1482.0	0.000693	1474.05273	1604.05066
1490.0	0.000657	1473.95093	1598.12549
1500.0	0.000657	1473.84888	1592.74268
1511.0	0.000657	1473.74646	1587.84399
1476.0	0.000693	1473.64380	1583.37891
1504.0	0.000657	1473.54089	1579.30444
1481.0	0.000693	1473.43762	1575.58350
1423.0	0.000693	1473.33423	1572.18311
1416.0	0.000693	1473.23035	1569.07593
1459.0	0.000693	1473.12646	1566.23706
1464.0	0.000693	1473.02209	1563.64575
1478.0	0.000693	1472.91748	1561.28308
1494.0	0.000657	1472.81250	1554.99463
1447.0	0.000693	1472.70740	1553.09692
1477.0	0.000693	1472.60193	1551.38489
1501.0	0.000657	1472.49622	1549.84912
1482.0	0.000693	1472.39014	1548.48083
1464.0	0.000693	1472.28381	1547.27258
1494.0	0.000657	1472.17725	1546.21912
1469.0	0.000693	1472.07043	1545.31543
1487.0	0.000657	1471.96313	1544.55835
1418.0	0.000693	1471.85571	1543.94519
1525.0	0.000657	1471.74805	1543.47559
1425.0	0.000693	1471.64001	1543.14929
1487.0	0.000657	1471.53162	1542.96729
1475.0	0.000693	1471.42310	1542.93250
1417.0	0.000693	1471.31409	1543.04822
1486.0	0.000657	1471.20496	1543.31982
1491.0	0.000657	1471.09546	1543.75427
1499.0	0.000657	1470.98572	1544.35913
1474.0	0.000693	1470.87561	1545.14539
1444.0	0.000693	1470.76526	1546.12500
1490.0	0.000657	1470.65466	1547.31323
1485.0	0.000657	1470.54358	1548.72742
1491.0	0.000657	1470.43237	1550.38928
1517.0	0.000657	1470.32092	1552.32410
1510.0	0.000657	1470.20898	1554.56165
1480.0	0.000693	1470.09692	1560.39636
1450.0	0.000693	1469.98450	1563.40173
1559.0	0.000657	1469.87170	1566.84253
1493.0	0.000657	1469.75867	1564.25122
1507.0	0.000657	1469.64539	1568.85339
1550.0	0.000657	1469.53174	1574.36243
1511.0	0.000657	1469.41785	1580.42163
1558.0	0.000657	1469.30359	1587.41528
1525.0	0.000657	1469.18909	1595.53687
1569.0	0.000625	1469.07422	1605.04736
1509.0	0.000657	1468.95911	1616.31165
1556.0	0.000657	1468.84375	1629.86401
1519.0	0.000657	1468.72803	1646.50635

1613.0	0.000625	1468.61194	1667.44995
1658.0	0.000595	1468.49561	1694.48730
1663.0	0.000595	1468.37903	1730.15588
1708.0	0.000595	1468.26208	1777.82092
1798.0	0.000567	1468.14490	1841.57568
1880.0	0.000541	1468.02734	1925.86035
1979.0	0.000517	1467.90942	2034.71191
2080.0	0.000473	1467.79126	2170.50342
2208.0	0.000453	1467.67285	2331.74243
2509.0	0.000400	1467.55408	2507.29468
2607.0	0.000384	1467.43506	2677.70581
2736.0	0.000370	1467.31555	2802.25513
2743.0	0.000370	1467.19592	2840.79565
2754.0	0.000370	1467.07593	2782.27026
2584.0	0.000384	1466.95557	2655.35864
2389.0	0.000416	1466.83496	2503.65332
2269.0	0.000434	1466.71411	2360.08862
2220.0	0.000453	1466.59290	2241.81201
2065.0	0.000494	1466.47144	2155.53564
2101.0	0.000473	1466.34949	2103.00879
2136.0	0.000473	1466.22742	2084.44702
2112.0	0.000473	1466.10498	2100.63965
2216.0	0.000453	1465.98218	2154.27441
2338.0	0.000434	1465.85913	2250.53149
2467.0	0.000400	1465.73572	2396.79346
2664.0	0.000370	1465.61194	2601.35327
2939.0	0.0003429	1465.48804	2870.97705
3266.0	0.0003078	1465.36377	3206.86084
3758.0	0.0002687	1465.23914	3597.50269
4234.0	0.0002367	1465.11414	4006.54346
4590.0	0.0002163	1464.98889	4359.56250
4651.0	0.0002163	1464.86340	4552.75732
4656.0	0.0002163	1464.73755	4510.48730
4317.0	0.0002296	1464.61133	4249.95166
3779.0	0.0002687	1464.48486	3865.05688
3362.0	0.0002973	1464.35815	3453.51904
3034.0	0.0003306	1464.23096	3076.05981
2752.0	0.000370	1464.10364	2758.93774
2579.0	0.000384	1463.97583	2508.16553
2248.0	0.000453	1463.84778	2319.85474
2285.0	0.000434	1463.71948	2186.03198
2177.0	0.000453	1463.59082	2097.99341
2014.0	0.000494	1463.46179	2048.57690
2040.0	0.000494	1463.33252	2031.97974
2083.0	0.000473	1463.20300	2045.47400
2120.0	0.000473	1463.07300	2087.57666
2220.0	0.000453	1462.94287	2157.01367
2177.0	0.000453	1462.81226	2250.67041
2294.0	0.000434	1462.68152	2360.28711
2371.0	0.000416	1462.55029	2467.83008
2420.0	0.000416	1462.41895	2543.43726
2379.0	0.000416	1462.28699	2555.59692
2341.0	0.000434	1462.15491	2493.75977
2197.0	0.000453	1462.02271	2377.72168

2168.0	0.000453	1461.88989	2239.92871
2013.0	0.000494	1461.75684	2105.46753
1959.0	0.000517	1461.62354	1987.20190
1838.0	0.000541	1461.48987	1889.43091
1762.0	0.000567	1461.35596	1811.88745
1744.0	0.000567	1461.22168	1752.14221
1658.0	0.000595	1461.08716	1706.92639
1674.0	0.000595	1460.95215	1668.52954
1598.0	0.000625	1460.81702	1642.84668
1649.0	0.000595	1460.68152	1627.44751
1585.0	0.000625	1460.54578	1611.98401
1577.0	0.000625	1460.40955	1599.52783
1544.0	0.000657	1460.27319	1589.27173
1498.0	0.000657	1460.13635	1580.67944
1508.0	0.000657	1459.99939	1573.38977
1517.0	0.000657	1459.86206	1567.15112
1475.0	0.000693	1459.72437	1562.01099
1500.0	0.000657	1459.58643	1557.37732
1511.0	0.000657	1459.44812	1555.56201
1512.0	0.000657	1459.30945	1552.13757
1554.0	0.000657	1459.17053	1549.18811
1505.0	0.000657	1459.03137	1546.65894
1526.0	0.000657	1458.89185	1544.50513
1451.0	0.000693	1458.75208	1542.69080
1496.0	0.000657	1458.61182	1541.18616
1456.0	0.000693	1458.47144	1539.96716
1479.0	0.000693	1458.33069	1539.01489
1509.0	0.000657	1458.18958	1538.31458
1469.0	0.000693	1458.04822	1541.23242
1498.0	0.000657	1457.90649	1541.05237
1450.0	0.000693	1457.76453	1541.09937
1512.0	0.000657	1457.62231	1541.37122
1457.0	0.000693	1457.47974	1541.86731
1499.0	0.000657	1457.33691	1542.58960
1508.0	0.000657	1457.19360	1543.54285
1475.0	0.000693	1457.05017	1544.73450
1468.0	0.000693	1456.90637	1546.17432
1516.0	0.000657	1456.76221	1547.87366
1433.0	0.000693	1456.61780	1550.06763
1454.0	0.000693	1456.47314	1552.34082
1465.0	0.000693	1456.32813	1554.93176
1489.0	0.000657	1456.18286	1557.86731
1509.0	0.000657	1456.03723	1561.17896
1545.0	0.000657	1455.89124	1564.90442
1525.0	0.000657	1455.74512	1569.08826
1500.0	0.000657	1455.59851	1573.78247
1494.0	0.000657	1455.45178	1579.04919
1539.0	0.000657	1455.30457	1584.96082
1483.0	0.000657	1455.15723	1591.60498
1492.0	0.000657	1455.00964	1599.08557
1565.0	0.000625	1454.86157	1609.41809
1588.0	0.000625	1454.71326	1619.00476
1573.0	0.000625	1454.56470	1629.88367
1562.0	0.000625	1454.41577	1642.27832

1676.0	0.000595	1454.26660	1656.46313
1663.0	0.000595	1454.11719	1672.78552
1715.0	0.000595	1453.96741	1691.69141
1770.0	0.000567	1453.81726	1713.77124
1720.0	0.000595	1453.66699	1739.83582
1825.0	0.000541	1453.51624	1771.02979
1875.0	0.000541	1453.36536	1809.01270
1915.0	0.000517	1453.21411	1856.19995
1989.0	0.000494	1453.06262	1916.06885
2090.0	0.000473	1452.91077	1991.71741
2214.0	0.000453	1452.75867	2093.14551
2327.0	0.000434	1452.60632	2226.63647
2577.0	0.000384	1452.45361	2401.51221
2771.0	0.000356	1452.30066	2627.81372
2940.0	0.0003429	1452.14746	2913.26099
3241.0	0.0003078	1451.99390	3262.79028
3535.0	0.0002873	1451.84009	3671.58765
3862.0	0.0002601	1451.68604	4117.29980
4119.0	0.0002441	1451.53162	4547.25537
4358.0	0.0002296	1451.37695	4875.02734
4441.0	0.0002228	1451.22192	5005.64160
4474.0	0.0002228	1451.06677	4900.48975
4530.0	0.0002228	1450.91125	4606.58203
4335.0	0.0002296	1450.75537	4216.79834
3979.0	0.0002520	1450.59937	3810.12622
3550.0	0.0002778	1450.44299	3429.66162
3240.0	0.0003078	1450.28638	3092.40283
2887.0	0.0003429	1450.12952	2804.00879
2635.0	0.000384	1449.97229	2565.59351
2489.0	0.000400	1449.81482	2370.32422
2251.0	0.000453	1449.65710	2221.13525
2194.0	0.000453	1449.49915	2106.39771
1942.0	0.000517	1449.34082	2018.85718
1901.0	0.000517	1449.18225	1952.20947
1867.0	0.000541	1449.02344	1901.42090
1795.0	0.000567	1448.86438	1862.68286
1736.0	0.000567	1448.70508	1833.21179
1760.0	0.000567	1448.54541	1811.02026
1701.0	0.000595	1448.38550	1794.71570
1716.0	0.000595	1448.22534	1783.34302
1642.0	0.000595	1448.06494	1776.27222
1646.0	0.000595	1447.90417	1773.12024
1621.0	0.000625	1447.74316	1774.63245
1635.0	0.000625	1447.58203	1778.94507
1586.0	0.000625	1447.42053	1787.13074
1665.0	0.000595	1447.25879	1799.53394
1650.0	0.000595	1447.09680	1816.74634
1678.0	0.000595	1446.93457	1839.72363
1679.0	0.000595	1446.77197	1869.98035
1736.0	0.000567	1446.60925	1908.54651
1771.0	0.000567	1446.44617	1961.79871
1783.0	0.000567	1446.28284	2033.77771
1976.0	0.000517	1446.11938	2132.04492
2080.0	0.000473	1445.95557	2266.38794

2256.0	0.000434	1445.79150	2448.30200
2589.0	0.000384	1445.62720	2689.62305
2899.0	0.0003429	1445.46265	3000.10889
3379.0	0.0002973	1445.29785	3383.42285
4064.0	0.0002441	1445.13281	3830.02710
4684.0	0.0002163	1444.96753	4304.77295
5348.0	0.0001877	1444.80200	4732.67041
5601.0	0.0001778	1444.63623	5006.45654
5580.0	0.0001778	1444.47009	5046.66016
5254.0	0.0001929	1444.30383	4873.06689
4680.0	0.0002163	1444.13733	4590.09521
4263.0	0.0002367	1443.97058	4306.66113
4148.0	0.0002441	1443.80359	4088.05371
3836.0	0.0002601	1443.63635	3953.53101
3775.0	0.0002687	1443.46887	3885.72876
3822.0	0.0002601	1443.30115	3836.61011
3780.0	0.0002687	1443.13330	3751.31445
3575.0	0.0002778	1442.96497	3601.13647
3387.0	0.0002973	1442.79663	3400.45654
3088.0	0.0003189	1442.62793	3183.92139
2914.0	0.0003429	1442.45911	2973.38354
2672.0	0.000370	1442.28992	2776.57568
2515.0	0.000400	1442.12073	2594.07568
2388.0	0.000416	1441.95117	2428.91748
2287.0	0.000434	1441.78125	2285.97900
2169.0	0.000453	1441.61133	2167.90454
2016.0	0.000494	1441.44116	2073.93799
1976.0	0.000517	1441.27063	2001.21228
1901.0	0.000517	1441.09998	1946.22900
1878.0	0.000541	1440.92908	1905.70007
1768.0	0.000567	1440.75793	1876.88354
1816.0	0.000541	1440.58667	1857.66321
1820.0	0.000541	1440.41516	1846.54541
1874.0	0.000541	1440.24341	1842.64050
1836.0	0.000541	1440.07141	1845.66785
1936.0	0.000517	1439.89917	1855.99841
1809.0	0.000541	1439.72681	1875.04773
1882.0	0.000541	1439.55420	1904.19714
2007.0	0.000494	1439.38147	1946.66125
2078.0	0.000473	1439.20837	2006.28674
2211.0	0.000453	1439.03516	2087.62427
2244.0	0.000453	1438.86182	2195.41748
2474.0	0.000400	1438.68811	2333.70166
2635.0	0.000384	1438.51440	2504.90869
2958.0	0.0003429	1438.34021	2704.68506
3034.0	0.0003306	1438.16614	2920.96143
3231.0	0.0003078	1437.99170	3126.14868
3460.0	0.0002873	1437.81702	3279.44727
3367.0	0.0002973	1437.64221	3346.10156
3357.0	0.0002973	1437.46729	3323.78052
3323.0	0.0002973	1437.29199	3245.26538
3235.0	0.0003078	1437.11670	3156.80396
3166.0	0.0003189	1436.94116	3098.99927
3115.0	0.0003189	1436.76526	3100.39844

3361.0	0.0002973	1436.58936	3178.56714
3468.0	0.0002873	1436.41321	3342.61938
3682.0	0.0002687	1436.23694	3593.95313
3944.0	0.0002520	1436.06055	3923.63379
4265.0	0.0002367	1435.88379	4305.20898
4553.0	0.0002228	1435.70703	4683.82715
4631.0	0.0002163	1435.52991	4976.11133
4648.0	0.0002163	1435.35278	5079.44287
4621.0	0.0002163	1435.17529	4953.46680
4202.0	0.0002367	1434.99780	4638.86572
3954.0	0.0002520	1434.82007	4227.47021
3615.0	0.0002778	1434.64221	3804.11621
3388.0	0.0002973	1434.46423	3420.42700
3064.0	0.0003306	1434.28601	3098.62476
2879.0	0.0003429	1434.10767	2842.61621
2736.0	0.000370	1433.92908	2645.70605
2699.0	0.000370	1433.75037	2494.66748
2451.0	0.000400	1433.57153	2373.21777
2343.0	0.000434	1433.39246	2267.32300
2247.0	0.000453	1433.21338	2170.05957
2087.0	0.000473	1433.03394	2082.55835
1958.0	0.000517	1432.85449	2004.03259
1842.0	0.000541	1432.67480	1936.91040
1825.0	0.000541	1432.49512	1880.92126
1763.0	0.000567	1432.31519	1835.03394
1792.0	0.000567	1432.13513	1797.94897
1803.0	0.000567	1431.95483	1768.34778
1787.0	0.000567	1431.77454	1745.01099
1738.0	0.000567	1431.59399	1726.88611
1625.0	0.000625	1431.41333	1713.12878
1727.0	0.000567	1431.23254	1703.12268
1769.0	0.000567	1431.05164	1696.48608
1662.0	0.000595	1430.87061	1693.07300
1654.0	0.000595	1430.68933	1692.98315
1673.0	0.000595	1430.50806	1696.58484
1728.0	0.000567	1430.32654	1704.54590
1706.0	0.000595	1430.14502	1718.09473
1774.0	0.000567	1429.96326	1738.12549
1718.0	0.000595	1429.78149	1766.52283
1785.0	0.000567	1429.59949	1805.15894
1923.0	0.000517	1429.41748	1855.91077
1958.0	0.000517	1429.23523	1920.24658
2040.0	0.000494	1429.05286	1998.42639
2140.0	0.000473	1428.87048	2088.11426
2305.0	0.000434	1428.68799	2182.77612
2360.0	0.000416	1428.50525	2271.87476
2489.0	0.000400	1428.32251	2345.35669
2400.0	0.000416	1428.13965	2399.63086
2489.0	0.000400	1427.95667	2437.52783
2555.0	0.000384	1427.77356	2462.30127
2520.0	0.000400	1427.59033	2472.22729
2539.0	0.000400	1427.40698	2459.26221
2391.0	0.000416	1427.22363	2414.40503
2391.0	0.000416	1427.04016	2334.07251

2308.0	0.000434	1426.85657	2236.13306
2143.0	0.000473	1426.67285	2133.02856
2006.0	0.000494	1426.48914	2036.94702
1972.0	0.000517	1426.30530	1954.24890
1798.0	0.000567	1426.12122	1886.72681
1853.0	0.000541	1425.93726	1834.57727
1755.0	0.000567	1425.75305	1796.30786
1743.0	0.000567	1425.56885	1770.46460
1880.0	0.000541	1425.38464	1755.82092
1793.0	0.000567	1425.20020	1751.64734
1786.0	0.000567	1425.01575	1757.86951
1745.0	0.000567	1424.83118	1775.12451
1809.0	0.000541	1424.64661	1804.69666
1929.0	0.000517	1424.46191	1848.31360
1964.0	0.000517	1424.27710	1907.79651
2052.0	0.000494	1424.09241	1984.49536
2096.0	0.000473	1423.90747	2078.36060
2260.0	0.000434	1423.72253	2186.29639
2290.0	0.000434	1423.53748	2299.48511
2401.0	0.000416	1423.35242	2400.60986
2539.0	0.000400	1423.16724	2465.20605
2451.0	0.000400	1422.98206	2472.40894
2454.0	0.000400	1422.79675	2419.76709
2339.0	0.000434	1422.61145	2325.25342
2264.0	0.000434	1422.42615	2213.78198
2178.0	0.000453	1422.24072	2104.54736
2063.0	0.000494	1422.05530	2007.95667
1862.0	0.000541	1421.86975	1928.00146
1803.0	0.000567	1421.68420	1865.10132
1762.0	0.000567	1421.49866	1817.93433
1775.0	0.000567	1421.31299	1784.45789
1738.0	0.000567	1421.12732	1762.49353
1634.0	0.000625	1420.94165	1750.08655
1686.0	0.000595	1420.75598	1745.72522
1725.0	0.000567	1420.57019	1748.45056
1663.0	0.000595	1420.38440	1757.89880
1807.0	0.000541	1420.19849	1774.30200
1739.0	0.000567	1420.01270	1798.48096
1839.0	0.000541	1419.82678	1831.82043
1919.0	0.000517	1419.64099	1876.23682
1815.0	0.000541	1419.45508	1934.11169
1960.0	0.000517	1419.26904	2008.15601
2017.0	0.000494	1419.08325	2101.13135
2183.0	0.000453	1418.89722	2215.28027
2326.0	0.000434	1418.71130	2351.25806
2499.0	0.000400	1418.52515	2506.52490
2705.0	0.000370	1418.33923	2674.18896
2943.0	0.0003429	1418.15320	2844.78760
3090.0	0.0003189	1417.96729	3012.19189
3299.0	0.0003078	1417.78125	3177.97266
3349.0	0.0002973	1417.59521	3347.07300
3537.0	0.0002873	1417.40930	3520.59204
3703.0	0.0002687	1417.22327	3698.30444
3905.0	0.0002601	1417.03723	3887.82031

4364.0	0.0002296	1416.85132	4099.92725
4628.0	0.0002163	1416.66528	4338.97803
4913.0	0.0002041	1416.47937	4567.16553
5158.0	0.0001929	1416.29346	4709.09619
5024.0	0.0001984	1416.10754	4683.49609
4682.0	0.0002163	1415.92163	4467.32031
4298.0	0.0002296	1415.73572	4118.31592
3829.0	0.0002601	1415.54980	3724.81812
3387.0	0.0002973	1415.36401	3354.84521
3072.0	0.0003306	1415.17822	3043.05884
2762.0	0.000356	1414.99243	2800.68506
2643.0	0.000384	1414.80676	2626.19580
2517.0	0.000400	1414.62097	2508.80566
2393.0	0.000416	1414.43530	2434.14917
2332.0	0.000434	1414.24963	2385.18896
2303.0	0.000434	1414.06409	2348.21387
2362.0	0.000416	1413.87854	2318.22974
2305.0	0.000434	1413.69299	2298.14648
2331.0	0.000434	1413.50745	2292.43530
2375.0	0.000416	1413.32214	2301.49585
2396.0	0.000416	1413.13672	2318.92188
2516.0	0.000400	1412.95142	2331.09863
2502.0	0.000400	1412.76611	2321.09717
2489.0	0.000400	1412.58093	2278.74756
2363.0	0.000416	1412.39575	2205.81372
2223.0	0.000453	1412.21069	2116.43506
2111.0	0.000473	1412.02576	2024.96924
1991.0	0.000494	1411.84070	1940.82593
1854.0	0.000541	1411.65588	1867.27002
1846.0	0.000541	1411.47107	1807.46069
1702.0	0.000595	1411.28625	1759.72717
1686.0	0.000595	1411.10168	1722.75842
1657.0	0.000595	1410.91699	1694.82739
1699.0	0.000595	1410.73254	1674.40344
1628.0	0.000625	1410.54810	1660.11096
1640.0	0.000595	1410.36377	1650.87646
1639.0	0.000625	1410.17957	1646.48242
1587.0	0.000625	1409.99536	1645.72839
1611.0	0.000625	1409.81128	1648.68420
1712.0	0.000595	1409.62720	1655.89954
1687.0	0.000595	1409.44336	1664.76453
1708.0	0.000595	1409.25952	1683.34717
1696.0	0.000595	1409.07581	1710.04504
1786.0	0.000567	1408.89221	1747.27454
1854.0	0.000541	1408.70874	1797.98560
1863.0	0.000541	1408.52527	1865.46643
2018.0	0.000494	1408.34192	1952.96265
2149.0	0.000473	1408.15881	2063.03442
2265.0	0.000434	1407.97571	2196.45581
2425.0	0.000416	1407.79272	2350.30054
2566.0	0.000384	1407.60986	2513.27393
2751.0	0.000370	1407.42725	2666.05640
2770.0	0.000356	1407.24451	2774.81250
2783.0	0.000356	1407.06201	2806.91626

2757.0	0.000356	1406.87976	2751.02466
2694.0	0.000370	1406.69751	2626.20239
2472.0	0.000400	1406.51538	2467.24927
2318.0	0.000434	1406.33337	2304.67603
2184.0	0.000453	1406.15161	2156.83081
1984.0	0.000494	1405.96985	2031.88208
1975.0	0.000517	1405.78821	1931.95398
1878.0	0.000541	1405.60681	1856.08069
1850.0	0.000541	1405.42554	1801.84863
1779.0	0.000567	1405.24438	1766.25134
1840.0	0.000541	1405.06335	1746.09412
1781.0	0.000567	1404.88257	1738.03406
1741.0	0.000567	1404.70190	1738.25659
1758.0	0.000567	1404.52136	1741.92957
1736.0	0.000567	1404.34094	1743.08630
1732.0	0.000567	1404.16064	1736.03027
1746.0	0.000567	1403.98059	1718.09998
1633.0	0.000625	1403.80066	1691.10730
1634.0	0.000625	1403.62097	1659.55713
1643.0	0.000595	1403.44128	1627.75647
1588.0	0.000625	1403.26196	1598.41443
1575.0	0.000625	1403.08264	1572.74170
1576.0	0.000625	1402.90369	1551.01099
1508.0	0.000657	1402.72473	1533.00513
1539.0	0.000657	1402.54602	1517.92029
1545.0	0.000657	1402.36743	1505.96094
1477.0	0.000693	1402.18909	1496.23926
1517.0	0.000657	1402.01099	1488.14978
1514.0	0.000657	1401.83289	1481.56567
1493.0	0.000657	1401.65515	1476.03577
1524.0	0.000657	1401.47754	1470.61975
1506.0	0.000657	1401.30017	1466.54907
1457.0	0.000693	1401.12292	1462.98425
1473.0	0.000693	1400.94592	1459.83203
1470.0	0.000693	1400.76917	1457.09546
1471.0	0.000693	1400.59241	1454.57715
1447.0	0.000693	1400.41602	1452.30933
1417.0	0.000693	1400.23975	1450.25964
1418.0	0.000693	1400.06384	1448.40222
1470.0	0.000693	1399.88806	1446.71655
1440.0	0.000693	1399.71240	1445.18323
1410.0	0.000693	1399.53711	1443.78845
1423.0	0.000693	1399.36194	1442.52002
1475.0	0.000693	1399.18701	1441.52649
1451.0	0.000693	1399.01233	1440.95959
1440.0	0.000693	1398.83777	1440.02075
1439.0	0.000693	1398.66357	1439.17444
1413.0	0.000693	1398.48950	1438.41626
1484.0	0.000657	1398.31567	1437.74072
1524.0	0.000657	1398.14221	1437.14575
1447.0	0.000693	1397.96887	1436.62732
1385.0	0.000730	1397.79578	1436.18384
1424.0	0.000693	1397.62292	1435.81445
1429.0	0.000693	1397.45020	1434.58313

1405.0	0.000730	1397.27795	1434.37256
1439.0	0.000693	1397.10571	1434.23474
1408.0	0.000693	1396.93384	1434.17065
1458.0	0.000693	1396.76233	1434.40918
1434.0	0.000693	1396.59082	1434.50220
1458.0	0.000693	1396.41980	1434.67725
1426.0	0.000693	1396.24890	1434.93726
1453.0	0.000693	1396.07825	1435.28760
1417.0	0.000693	1395.90796	1435.73376
1462.0	0.000693	1395.73792	1436.28296
1406.0	0.000730	1395.56799	1436.94250
1428.0	0.000693	1395.39844	1437.72302
1457.0	0.000693	1395.22925	1438.63513
1455.0	0.000693	1395.06018	1439.69250
1402.0	0.000730	1394.89148	1440.91101
1424.0	0.000693	1394.72302	1442.30872
1427.0	0.000693	1394.55481	1443.90869
1497.0	0.000657	1394.38684	1445.73596
1460.0	0.000693	1394.21924	1447.82361
1441.0	0.000693	1394.05188	1450.20947
1459.0	0.000693	1393.88489	1452.94141
1480.0	0.000693	1393.71814	1456.07678
1481.0	0.000693	1393.55164	1459.69226
1501.0	0.000657	1393.38550	1463.88550
1509.0	0.000657	1393.21960	1468.78552
1504.0	0.000657	1393.05408	1474.56921
1495.0	0.000657	1392.88879	1480.88159
1481.0	0.000693	1392.72375	1489.23389
1531.0	0.000657	1392.55920	1499.45544
1484.0	0.000657	1392.39478	1512.10730
1568.0	0.000625	1392.23071	1527.46973
1561.0	0.000625	1392.06689	1547.34192
1625.0	0.000625	1391.90356	1572.36401
1573.0	0.000625	1391.74036	1603.81384
1667.0	0.000595	1391.57764	1643.06396
1737.0	0.000567	1391.41504	1691.33667
1760.0	0.000567	1391.25293	1749.19824
1893.0	0.000517	1391.09106	1815.80579
1912.0	0.000517	1390.92957	1888.36743
1953.0	0.000517	1390.76843	1962.76221
2166.0	0.000453	1390.60754	2035.36963
2165.0	0.000453	1390.44702	2103.50537
2250.0	0.000453	1390.28674	2162.10571
2379.0	0.000416	1390.12695	2200.19434
2271.0	0.000434	1389.96741	2204.79736
2291.0	0.000434	1389.80823	2172.65063
2171.0	0.000453	1389.64941	2116.05884
2127.0	0.000473	1389.49084	2054.50391
2012.0	0.000494	1389.33276	2005.22375
2017.0	0.000494	1389.17493	1977.95215
1955.0	0.000517	1389.01746	1977.39905
1994.0	0.000494	1388.86035	2004.53552
2093.0	0.000473	1388.70361	2058.34033
2153.0	0.000473	1388.54724	2128.99414

2173.0	0.000453	1388.39124	2204.05371
2267.0	0.000434	1388.23560	2259.85840
2245.0	0.000453	1388.08020	2279.52148
2167.0	0.000453	1387.92529	2252.76587
2135.0	0.000473	1387.77063	2192.18921
2034.0	0.000494	1387.61658	2120.41064
2064.0	0.000494	1387.46265	2056.61426
2017.0	0.000494	1387.30920	2011.95972
1968.0	0.000517	1387.15613	1991.00659
1968.0	0.000517	1387.00342	1993.96191
1991.0	0.000494	1386.85107	2018.33801
1969.0	0.000517	1386.69910	2059.96118
2009.0	0.000494	1386.54749	2112.38696
2120.0	0.000473	1386.39636	2164.56714
2125.0	0.000473	1386.24561	2199.99780
2191.0	0.000453	1386.09509	2201.98218
2127.0	0.000473	1385.94507	2163.64648
2072.0	0.000473	1385.79553	2092.60645
1960.0	0.000517	1385.64624	2004.83533
1836.0	0.000541	1385.49744	1915.38135
1769.0	0.000567	1385.34900	1833.91748
1713.0	0.000595	1385.20105	1765.01868
1665.0	0.000595	1385.05334	1709.94055
1621.0	0.000625	1384.90613	1668.08118
1589.0	0.000625	1384.75928	1637.79956
1567.0	0.000625	1384.61279	1616.74390
1550.0	0.000657	1384.46692	1601.90637
1476.0	0.000693	1384.32129	1589.74304
1555.0	0.000657	1384.17615	1576.95593
1582.0	0.000625	1384.03125	1561.84131
1499.0	0.000657	1383.88696	1544.84631
1512.0	0.000657	1383.74304	1527.55261
1464.0	0.000693	1383.59949	1509.99951
1464.0	0.000693	1383.45642	1495.72864
1466.0	0.000693	1383.31372	1483.57666
1446.0	0.000693	1383.17163	1473.47766
1407.0	0.000693	1383.02979	1465.22168
1417.0	0.000693	1382.88843	1458.54272
1444.0	0.000693	1382.74744	1453.16589
1456.0	0.000693	1382.60693	1448.83936
1485.0	0.000657	1382.46680	1445.34985
1407.0	0.000693	1382.32727	1442.52881
1444.0	0.000693	1382.18811	1440.24963
1446.0	0.000693	1382.04932	1438.42188
1438.0	0.000693	1381.91101	1436.98218
1453.0	0.000693	1381.77307	1435.88879
1412.0	0.000693	1381.63574	1435.32739
1410.0	0.000693	1381.49878	1434.86243
1489.0	0.000657	1381.36230	1434.47083
1454.0	0.000693	1381.22620	1434.61230
1462.0	0.000693	1381.09058	1435.06873
1466.0	0.000693	1380.95557	1435.86255
1457.0	0.000693	1380.82080	1437.02869
1469.0	0.000693	1380.68652	1438.61987

1469.0	0.000693	1380.55286	1440.71521
1494.0	0.000657	1380.41956	1443.42468
1438.0	0.000693	1380.28662	1446.90637
1484.0	0.000657	1380.15430	1453.17249
1482.0	0.000693	1380.02246	1458.91284
1431.0	0.000693	1379.89099	1466.22852
1533.0	0.000657	1379.76001	1475.48657
1536.0	0.000657	1379.62952	1487.06665
1608.0	0.000625	1379.49951	1501.32031
1549.0	0.000657	1379.37000	1518.48486
1601.0	0.000625	1379.24097	1538.52075
1619.0	0.000625	1379.11243	1560.86658
1614.0	0.000625	1378.98438	1584.35071
1642.0	0.000595	1378.85681	1607.86853
1622.0	0.000625	1378.72961	1631.89905
1663.0	0.000595	1378.60303	1659.30286
1722.0	0.000567	1378.47681	1694.13745
1768.0	0.000567	1378.35120	1739.78552
1812.0	0.000541	1378.22607	1797.76050
1881.0	0.000541	1378.10144	1866.87439
1931.0	0.000517	1377.97717	1941.73328
2036.0	0.000494	1377.85352	2011.61890
2091.0	0.000473	1377.73035	2061.22778
2080.0	0.000473	1377.60779	2076.44385
2007.0	0.000494	1377.48560	2052.62158
2000.0	0.000494	1377.36389	1997.94324
1883.0	0.000541	1377.24280	1927.99841
1949.0	0.000517	1377.12207	1857.37000
1781.0	0.000567	1377.00195	1795.42371
1781.0	0.000567	1376.88232	1746.59570
1767.0	0.000567	1376.76318	1712.08032
1761.0	0.000567	1376.64465	1691.10559
1761.0	0.000567	1376.52649	1681.48535
1775.0	0.000567	1376.40894	1679.63977
1730.0	0.000567	1376.29187	1680.52271
1715.0	0.000595	1376.17542	1678.28345
1762.0	0.000567	1376.05933	1668.32751
1712.0	0.000595	1375.94385	1649.62244
1674.0	0.000595	1375.82898	1624.78064
1646.0	0.000595	1375.71448	1597.79419
1595.0	0.000625	1375.60059	1571.90417
1581.0	0.000625	1375.48718	1548.94739
1714.0	0.000595	1375.37439	1529.65588
1524.0	0.000657	1375.26196	1514.11890
1627.0	0.000625	1375.15027	1502.10608
1564.0	0.000625	1375.03906	1493.25464
1579.0	0.000625	1374.92822	1487.17932
1609.0	0.000625	1374.81812	1483.54443
1611.0	0.000625	1374.70837	1482.10828
1571.0	0.000625	1374.59937	1482.76453
1569.0	0.000625	1374.49072	1485.56519
1526.0	0.000657	1374.38281	1490.73938
1588.0	0.000625	1374.27527	1498.69739
1558.0	0.000657	1374.16833	1510.02112

1652.0	0.000595	1374.06201	1525.42578
1527.0	0.000657	1373.95618	1545.69116
1636.0	0.000625	1373.85083	1571.54480
1681.0	0.000595	1373.74609	1603.47766
1714.0	0.000595	1373.64197	1641.42078
1755.0	0.000567	1373.53833	1684.17981
1780.0	0.000567	1373.43530	1728.54236
1762.0	0.000567	1373.33276	1768.43652
1900.0	0.000517	1373.23083	1795.49854
1955.0	0.000517	1373.12939	1802.59082
1856.0	0.000541	1373.02856	1788.59375
1813.0	0.000541	1372.92834	1759.33618
1778.0	0.000567	1372.82861	1723.49780
1818.0	0.000541	1372.72949	1688.27368
1666.0	0.000595	1372.63086	1657.98169
1646.0	0.000595	1372.53284	1634.68408
1635.0	0.000625	1372.43542	1619.18982
1657.0	0.000595	1372.33850	1611.79639
1739.0	0.000567	1372.24231	1612.53101
1715.0	0.000595	1372.14648	1629.64893
1704.0	0.000595	1372.05139	1649.76501
1812.0	0.000541	1371.95679	1681.84424
1816.0	0.000541	1371.86267	1728.53357
1881.0	0.000541	1371.76929	1792.61157
1938.0	0.000517	1371.67639	1878.65161
2048.0	0.000494	1371.58423	1989.33252
2206.0	0.000453	1371.49243	2126.44360
2340.0	0.000434	1371.40137	2288.61206
2497.0	0.000400	1371.31079	2468.20166
2609.0	0.000384	1371.22083	2646.72412
2893.0	0.0003429	1371.13147	2791.71558
3035.0	0.0003306	1371.04272	2863.59351
2998.0	0.0003306	1370.95447	2837.44116
2783.0	0.000356	1370.86694	2722.26807
2634.0	0.000384	1370.77991	2553.58691
2380.0	0.000416	1370.69348	2368.59424
2181.0	0.000453	1370.60767	2193.90356
2028.0	0.000494	1370.52234	2041.22412
1914.0	0.000517	1370.43774	1914.44226
1862.0	0.000541	1370.35364	1812.90479
1874.0	0.000541	1370.27014	1736.09485
1701.0	0.000595	1370.18738	1675.57471
1716.0	0.000595	1370.10510	1629.78088
1623.0	0.000625	1370.02344	1595.13904
1526.0	0.000657	1369.94238	1569.04297
1540.0	0.000657	1369.86182	1548.78015
1552.0	0.000657	1369.78198	1532.90222
1556.0	0.000657	1369.70276	1519.73425
1577.0	0.000625	1369.62402	1509.31812
1490.0	0.000657	1369.54602	1501.00476
1557.0	0.000657	1369.46851	1494.21118
1532.0	0.000657	1369.39172	1488.67407
1565.0	0.000625	1369.31543	1484.20325
1564.0	0.000625	1369.23975	1480.65833

1522.0	0.000657	1369.16479	1477.93359
1482.0	0.000693	1369.09033	1475.95166
1452.0	0.000693	1369.01648	1474.65564
1519.0	0.000657	1368.94336	1474.10303
1575.0	0.000625	1368.87073	1474.08228
1476.0	0.000693	1368.79871	1474.68237
1520.0	0.000657	1368.72742	1475.91211
1522.0	0.000657	1368.65662	1477.72852
1473.0	0.000693	1368.58655	1480.32117
1552.0	0.000657	1368.51697	1483.69202
1564.0	0.000625	1368.44812	1487.94836
1575.0	0.000625	1368.37976	1493.24268
1555.0	0.000657	1368.31213	1499.78540
1567.0	0.000625	1368.24512	1507.85938
1553.0	0.000657	1368.17871	1517.83276
1571.0	0.000625	1368.11292	1530.16504
1593.0	0.000625	1368.04773	1545.40405
1660.0	0.000595	1367.98315	1565.80164
1635.0	0.000625	1367.91919	1588.77600
1616.0	0.000625	1367.85583	1616.58179
1793.0	0.000567	1367.79321	1649.75391
1792.0	0.000567	1367.73120	1688.53088
1795.0	0.000567	1367.66968	1732.53345
1894.0	0.000517	1367.60889	1780.43787
1961.0	0.000517	1367.54871	1830.20032
1973.0	0.000517	1367.48914	1880.66418
2003.0	0.000494	1367.43018	1934.10864
2057.0	0.000494	1367.37195	1997.20923
2196.0	0.000453	1367.31421	2079.01807
2209.0	0.000453	1367.25720	2187.90967
2261.0	0.000434	1367.20081	2329.45703
2492.0	0.000400	1367.14502	2504.82935
2647.0	0.000384	1367.08984	2708.18140
2693.0	0.000370	1367.03528	2922.01514
2848.0	0.000356	1366.98145	3112.30762
2994.0	0.0003306	1366.92810	3231.50342
2993.0	0.0003306	1366.87549	3239.27710
2748.0	0.000370	1366.82349	3132.16846
2640.0	0.000384	1366.77222	2941.58960
2435.0	0.000416	1366.72144	2716.70190
2422.0	0.000416	1366.67139	2494.57520
2150.0	0.000473	1366.62195	2295.56787
2189.0	0.000453	1366.57312	2129.03589
1945.0	0.000517	1366.52502	1993.25293
1824.0	0.000541	1366.47742	1886.95813
1886.0	0.000541	1366.43054	1805.93896
1774.0	0.000567	1366.38428	1745.41980
1785.0	0.000567	1366.33862	1701.02881
1713.0	0.000595	1366.29370	1668.69763
1687.0	0.000595	1366.24939	1645.03564
1716.0	0.000595	1366.20569	1627.16370
1725.0	0.000567	1366.16260	1612.64319
1672.0	0.000595	1366.12024	1599.61694
1707.0	0.000595	1366.07837	1587.09314

1661.0	0.000595	1366.03723	1574.97583
1588.0	0.000625	1365.99670	1563.50415
1601.0	0.000625	1365.95691	1552.94324
1568.0	0.000625	1365.91772	1544.33862
1618.0	0.000625	1365.87915	1537.25476
1548.0	0.000657	1365.84119	1531.63135
1536.0	0.000657	1365.80396	1527.35608
1513.0	0.000657	1365.76733	1524.29749
1530.0	0.000657	1365.73132	1522.32581
1582.0	0.000625	1365.69592	1521.32336
1656.0	0.000595	1365.66125	1521.19006
1533.0	0.000657	1365.62720	1521.84558
1592.0	0.000625	1365.59375	1523.23071
1506.0	0.000657	1365.56104	1525.30676
1510.0	0.000657	1365.52893	1527.82556
1535.0	0.000657	1365.49744	1531.23779
1596.0	0.000625	1365.46655	1535.32263
1540.0	0.000657	1365.43640	1540.10168
1564.0	0.000625	1365.40686	1545.60693
1498.0	0.000657	1365.37793	1551.88403
1614.0	0.000625	1365.34973	1558.99084
1635.0	0.000625	1365.32202	1566.99695
1595.0	0.000625	1365.29504	1575.98975
1556.0	0.000657	1365.26880	1586.07214
1628.0	0.000625	1365.24316	1597.36768
1625.0	0.000625	1365.21814	1610.02405
1622.0	0.000625	1365.19373	1624.21716
1652.0	0.000595	1365.17004	1640.15857
1765.0	0.000567	1365.14697	1658.10059
1706.0	0.000595	1365.12451	1678.34863
1735.0	0.000567	1365.10266	1701.27405
1688.0	0.000595	1365.08154	1727.33179
1839.0	0.000541	1365.06104	1757.85046
1877.0	0.000541	1365.04114	1792.03870
1887.0	0.000541	1365.02197	1831.58728
1906.0	0.000517	1365.00342	1877.75806
2104.0	0.000473	1364.98560	1932.29749
2135.0	0.000473	1364.96826	1997.67432
2110.0	0.000473	1364.95166	2077.41675
2343.0	0.000434	1364.93567	2176.53027
2536.0	0.000400	1364.92041	2301.96509
2722.0	0.000370	1364.90564	2462.62720
2921.0	0.0003429	1364.89160	2671.14063
3225.0	0.0003078	1364.87830	2941.24048
3608.0	0.0002778	1364.86548	3288.50830
4068.0	0.0002441	1364.85339	3728.31152
4631.0	0.0002163	1364.84192	4273.04199
5304.0	0.0001877	1364.83118	4927.49072
6181.0	0.0001602	1364.82092	5680.70508
7181.0	0.0001384	1364.81140	6492.04492
8029.0	0.0001235	1364.80261	7272.93066
8811.0	0.0001132	1364.79431	7880.24023
9058.0	0.0001108	1364.78674	8154.66553
8784.0	0.0001132	1364.77979	8010.44727

7903.0	0.0001262	1364.77356	7499.41797
6829.0	0.0001452	1364.76782	6771.44238
5917.0	0.0001687	1364.76282	5980.97119
5045.0	0.0001984	1364.75854	5232.56543
4404.0	0.0002296	1364.75476	4578.98926
3908.0	0.0002520	1364.75171	4038.94263
3606.0	0.0002778	1364.74927	3612.83350
3320.0	0.0002973	1364.74744	3292.47632
3064.0	0.0003306	1364.74622	3066.61646
3126.0	0.0003189	1364.74573	2924.16016
2940.0	0.0003429	1364.74585	2854.56738
2916.0	0.0003429	1364.74658	2854.27026
2940.0	0.0003429	1364.74805	2917.74878
3118.0	0.0003189	1364.75000	3042.04395
3231.0	0.0003078	1364.75281	3223.97778
3545.0	0.0002778	1364.75610	3452.32251
3771.0	0.0002687	1364.76001	3707.43384
4059.0	0.0002441	1364.76465	3950.31128
4279.0	0.0002367	1364.76990	4123.67969
4189.0	0.0002367	1364.77576	4171.94580
4041.0	0.0002441	1364.78223	4075.43945
3731.0	0.0002687	1364.78931	3863.12598
3417.0	0.0002973	1364.79712	3587.39941
3129.0	0.0003189	1364.80554	3294.98047
2836.0	0.000356	1364.81458	3012.96313
2607.0	0.000384	1364.82422	2759.92603
2453.0	0.000400	1364.83459	2544.66919
2251.0	0.000453	1364.84558	2369.38257
2263.0	0.000434	1364.85718	2231.76514
2107.0	0.000473	1364.86926	2127.15186
2060.0	0.000494	1364.88220	2051.42627
1992.0	0.000494	1364.89563	1996.66260
1954.0	0.000517	1364.90979	1959.45227
1998.0	0.000494	1364.92444	1935.69482
1989.0	0.000494	1364.93982	1921.78247
1936.0	0.000517	1364.95581	1914.63025
1871.0	0.000541	1364.97241	1913.30371
1890.0	0.000541	1364.98962	1915.35742
2006.0	0.000494	1365.00757	1923.68555
1994.0	0.000494	1365.02600	1941.38831
2009.0	0.000494	1365.04517	1971.91748
2041.0	0.000494	1365.06494	2018.52527
2048.0	0.000494	1365.08521	2084.03491
2222.0	0.000453	1365.10620	2170.59058
2396.0	0.000416	1365.12781	2279.09790
2524.0	0.000400	1365.15015	2408.08569
2709.0	0.000370	1365.17297	2552.02124
3033.0	0.0003306	1365.19641	2696.97632
3216.0	0.0003078	1365.22046	2820.90527
3311.0	0.0002973	1365.24524	2895.83496
3334.0	0.0002973	1365.27051	2900.57397
3161.0	0.0003189	1365.29651	2834.37280
2932.0	0.0003429	1365.32300	2717.51709
2629.0	0.000384	1365.35022	2578.16870

2414.0	0.000416	1365.37805	2439.57007
2319.0	0.000434	1365.40637	2315.91138
2241.0	0.000453	1365.43542	2214.10962
2139.0	0.000473	1365.46509	2136.84180
2119.0	0.000473	1365.49536	2084.60962
2104.0	0.000473	1365.52612	2057.98486
2156.0	0.000473	1365.55762	2057.13477
2259.0	0.000434	1365.58960	2083.10205
2289.0	0.000434	1365.62231	2137.71851
2366.0	0.000416	1365.65564	2223.43188
2463.0	0.000400	1365.68945	2342.78247
2644.0	0.000384	1365.72400	2497.39697
2910.0	0.0003429	1365.75903	2686.15088
3035.0	0.0003306	1365.79480	2901.99658
3186.0	0.0003189	1365.83105	3125.88208
3416.0	0.0002973	1365.86792	3331.96973
3566.0	0.0002778	1365.90540	3484.13306
3645.0	0.0002778	1365.94348	3561.53198
3793.0	0.0002601	1365.98218	3568.54272
3846.0	0.0002601	1366.02148	3523.36206
3955.0	0.0002520	1366.06140	3437.44116
3981.0	0.0002520	1366.10193	3310.16553
3775.0	0.0002687	1366.14294	3140.78320
3581.0	0.0002778	1366.18457	2940.08667
3163.0	0.0003189	1366.22693	2728.45361
2803.0	0.000356	1366.26978	2525.62671
2474.0	0.000400	1366.31323	2344.08545
2295.0	0.000434	1366.35718	2188.82031
2215.0	0.000453	1366.40186	2059.90674
2075.0	0.000473	1366.44702	1954.94824
1932.0	0.000517	1366.49280	1870.59851
1879.0	0.000541	1366.53918	1803.30872
1797.0	0.000567	1366.58606	1749.88367
1763.0	0.000567	1366.63367	1707.39917
1714.0	0.000595	1366.68176	1673.44373
1699.0	0.000595	1366.73047	1646.08020
1649.0	0.000595	1366.77966	1623.80420
1659.0	0.000595	1366.82959	1605.48352
1613.0	0.000625	1366.88000	1590.28296
1587.0	0.000625	1366.93091	1577.59485
1626.0	0.000625	1366.98254	1566.98193
1589.0	0.000625	1367.03467	1558.12744
1596.0	0.000625	1367.08740	1550.80249
1557.0	0.000657	1367.14063	1544.84436
1558.0	0.000657	1367.19446	1540.13867
1587.0	0.000625	1367.24890	1536.61475
1570.0	0.000625	1367.30396	1534.23755
1595.0	0.000625	1367.35938	1533.01343
1564.0	0.000625	1367.41553	1532.99487
1582.0	0.000625	1367.47217	1534.29138
1527.0	0.000657	1367.52942	1537.09241
1606.0	0.000625	1367.58716	1541.69641
1599.0	0.000625	1367.64551	1548.54895
1658.0	0.000595	1367.70447	1558.28687

1695.0	0.000595	1367.76392	1571.77466
1655.0	0.000595	1367.82397	1590.12341
1720.0	0.000595	1367.88452	1614.67371
1719.0	0.000595	1367.94556	1646.91980
1734.0	0.000567	1368.00720	1688.36316
1821.0	0.000541	1368.06946	1740.35876
1888.0	0.000541	1368.13220	1803.34131
1976.0	0.000517	1368.19543	1876.66687
2040.0	0.000494	1368.25940	1957.02319
2131.0	0.000473	1368.32373	2036.79272
2244.0	0.000453	1368.38867	2102.96387
2295.0	0.000434	1368.45410	2139.59326
2340.0	0.000434	1368.52014	2135.60327
2274.0	0.000434	1368.58667	2092.49854
2147.0	0.000473	1368.65369	2023.22986
2046.0	0.000494	1368.72131	1943.61780
1882.0	0.000541	1368.78943	1865.56006
1862.0	0.000541	1368.85815	1795.61597
1760.0	0.000567	1368.92725	1736.42505
1678.0	0.000595	1368.99707	1688.36938
1756.0	0.000567	1369.06726	1650.66797
1719.0	0.000595	1369.13806	1622.00635
1699.0	0.000595	1369.20935	1600.89905
1697.0	0.000595	1369.28113	1585.91187
1683.0	0.000595	1369.35352	1575.79321
1672.0	0.000595	1369.42627	1569.53809
1648.0	0.000595	1369.49976	1566.39941
1673.0	0.000595	1369.57361	1565.86609
1647.0	0.000595	1369.64795	1567.63293
1674.0	0.000595	1369.72290	1571.56787
1680.0	0.000595	1369.79834	1577.69104
1742.0	0.000567	1369.87427	1578.95813
1623.0	0.000625	1369.95068	1590.26318
1735.0	0.000567	1370.02759	1604.86096
1718.0	0.000595	1370.10498	1623.62341
1717.0	0.000595	1370.18298	1647.79346
1788.0	0.000567	1370.26135	1679.04810
1831.0	0.000541	1370.34033	1719.51770
1857.0	0.000541	1370.41980	1771.85730
1946.0	0.000517	1370.49963	1838.53918
2006.0	0.000494	1370.58008	1922.32312
2133.0	0.000473	1370.66101	2025.20947
2259.0	0.000434	1370.74243	2147.69141
2429.0	0.000416	1370.82434	2287.18335
2585.0	0.000384	1370.90674	2435.48364
2765.0	0.000356	1370.98962	2576.28613
2890.0	0.0003429	1371.07288	2686.88501
2951.0	0.0003429	1371.15674	2749.01196
2992.0	0.0003306	1371.24097	2763.23438
2883.0	0.0003429	1371.32581	2750.62231
2894.0	0.0003429	1371.41113	2739.18774
2750.0	0.000370	1371.49683	2750.71143
2861.0	0.000356	1371.58301	2794.00562
2962.0	0.0003429	1371.66968	2874.49243

3059.0	0.0003306	1371.75684	2980.11646
3117.0	0.0003189	1371.84436	3093.67334
3265.0	0.0003078	1371.93250	3186.33325
3413.0	0.0002973	1372.02100	3245.18945
3446.0	0.0002873	1372.10999	3275.06592
3484.0	0.0002873	1372.19946	3295.42114
3619.0	0.0002778	1372.28943	3325.05371
3551.0	0.0002778	1372.37976	3371.77026
3806.0	0.0002601	1372.47058	3426.83130
3810.0	0.0002601	1372.56189	3471.68433
3923.0	0.0002520	1372.65356	3491.18408
3819.0	0.0002601	1372.74573	3484.38086
3782.0	0.0002601	1372.83826	3460.80884
3662.0	0.0002687	1372.93140	3425.45190
3489.0	0.0002873	1373.02490	3368.56958
3318.0	0.0002973	1373.11877	3271.70410
3173.0	0.0003189	1373.21313	3126.69531
3050.0	0.0003306	1373.30798	2946.60205
2845.0	0.000356	1373.40320	2757.58423
2697.0	0.000370	1373.49890	2583.12915
2610.0	0.000384	1373.59497	2436.74976
2517.0	0.000400	1373.69153	2322.80005
2440.0	0.000416	1373.78845	2239.18652
2346.0	0.000434	1373.88586	2179.01440
2393.0	0.000416	1373.98376	2131.60010
2230.0	0.000453	1374.08191	2084.91333
2243.0	0.000453	1374.18054	2030.38513
2225.0	0.000453	1374.27966	1966.75989
2118.0	0.000473	1374.37903	1897.11926
2001.0	0.000494	1374.47900	1830.76880
1917.0	0.000517	1374.57922	1770.21326
1848.0	0.000541	1374.68005	1717.33276
1832.0	0.000541	1374.78113	1672.45898
1710.0	0.000595	1374.88269	1635.10437
1652.0	0.000595	1374.98450	1604.37793
1629.0	0.000625	1375.08679	1579.26892
1665.0	0.000595	1375.18958	1558.76001
1629.0	0.000625	1375.29260	1541.92334
1625.0	0.000625	1375.39612	1527.96545
1608.0	0.000625	1375.50000	1516.24524
1544.0	0.000657	1375.60437	1506.26648
1530.0	0.000657	1375.70898	1497.65747
1514.0	0.000657	1375.81409	1490.14417
1563.0	0.000625	1375.91943	1484.19165
1523.0	0.000657	1376.02527	1478.32471
1519.0	0.000657	1376.13147	1473.08752
1560.0	0.000657	1376.23804	1468.39099
1504.0	0.000657	1376.34497	1464.16443
1507.0	0.000657	1376.45227	1460.34863
1456.0	0.000693	1376.56006	1455.45874
1497.0	0.000657	1376.66809	1452.34924
1486.0	0.000657	1376.77649	1449.52710
1584.0	0.000625	1376.88525	1446.96350
1564.0	0.000625	1376.99438	1444.63257

1492.0	0.000657	1377.10388	1441.15210
1545.0	0.000657	1377.21375	1439.24414
1489.0	0.000657	1377.32397	1437.51196
1530.0	0.000657	1377.43457	1435.94165
1459.0	0.000693	1377.54553	1434.52112
1498.0	0.000657	1377.65674	1433.23938
1502.0	0.000657	1377.76831	1432.08813
1525.0	0.000657	1377.88037	1431.05884
1506.0	0.000657	1377.99255	1430.14551
1456.0	0.000693	1378.10522	1429.34253
1477.0	0.000693	1378.21826	1428.64575
1480.0	0.000693	1378.33154	1430.25574
1521.0	0.000657	1378.44519	1429.92090
1504.0	0.000657	1378.55920	1429.56006
1501.0	0.000657	1378.67346	1429.29834
1540.0	0.000657	1378.78809	1429.13721
1493.0	0.000657	1378.90308	1429.07861
1511.0	0.000657	1379.01831	1429.12683
1478.0	0.000693	1379.13391	1429.28711
1419.0	0.000693	1379.24976	1429.56885
1486.0	0.000657	1379.36597	1429.98438
1410.0	0.000693	1379.48254	1430.55176
1496.0	0.000657	1379.59937	1431.29651
1482.0	0.000657	1379.71655	1432.25549
1520.0	0.000657	1379.83398	1434.41846
1453.0	0.000693	1379.95178	1438.51575
1543.0	0.000657	1380.06982	1440.54834
1571.0	0.000625	1380.18811	1443.12012
1465.0	0.000693	1380.30676	1446.36487
1519.0	0.000657	1380.42578	1450.43018
1515.0	0.000657	1380.54492	1455.46326
1461.0	0.000693	1380.66443	1461.59106
1597.0	0.000625	1380.78430	1468.88086
1611.0	0.000625	1380.90442	1477.27832
1616.0	0.000625	1381.02478	1486.49597
1565.0	0.000625	1381.14539	1495.85706
1543.0	0.000657	1381.26636	1504.17090
1584.0	0.000625	1381.38757	1509.88684
1570.0	0.000625	1381.50903	1512.09412
1600.0	0.000625	1381.63074	1509.86292
1532.0	0.000657	1381.75281	1504.57312
1570.0	0.000625	1381.87500	1497.78955
1523.0	0.000657	1381.99756	1492.33179
1501.0	0.000657	1382.12036	1486.14063
1575.0	0.000625	1382.24341	1480.29541
1492.0	0.000657	1382.36682	1476.47449
1496.0	0.000657	1382.49036	1473.87659
1544.0	0.000657	1382.61414	1472.40613
1506.0	0.000657	1382.73816	1471.94006
1444.0	0.000693	1382.86255	1472.35059
1538.0	0.000657	1382.98706	1473.52454
1514.0	0.000657	1383.11182	1475.37183
1517.0	0.000657	1383.23694	1477.82947
1474.0	0.000693	1383.36218	1480.86523

1556.0	0.000657	1383.48767	1484.47644
1531.0	0.000657	1383.61340	1488.68872
1620.0	0.000625	1383.73938	1493.56067
1572.0	0.000625	1383.86560	1499.18347
1614.0	0.000625	1383.99194	1505.68494
1565.0	0.000625	1384.11865	1513.23535
1540.0	0.000657	1384.24548	1522.04712
1633.0	0.000625	1384.37256	1532.37366
1605.0	0.000625	1384.49988	1544.50037
1579.0	0.000625	1384.62732	1558.72974
1642.0	0.000595	1384.75500	1575.35156
1675.0	0.000595	1384.88293	1594.59790
1689.0	0.000595	1385.01111	1616.55737
1617.0	0.000625	1385.13940	1641.03027
1759.0	0.000567	1385.26794	1667.32068
1736.0	0.000567	1385.39661	1694.08228
1873.0	0.000541	1385.52551	1719.55847
1860.0	0.000541	1385.65466	1742.51221
1974.0	0.000517	1385.78394	1763.42236
1977.0	0.000517	1385.91345	1784.81628
2008.0	0.000494	1386.04309	1810.46777
2038.0	0.000494	1386.17285	1844.47070
2099.0	0.000473	1386.30286	1890.94995
2134.0	0.000473	1386.43311	1954.26636
2317.0	0.000434	1386.56348	2039.27783
2406.0	0.000416	1386.69409	2150.43408
2606.0	0.000384	1386.82471	2295.52686
2650.0	0.000384	1386.95569	2479.23291
2921.0	0.0003429	1387.08667	2706.11060
3139.0	0.0003189	1387.21790	2977.86621
3459.0	0.0002873	1387.34924	3290.24780
3635.0	0.0002778	1387.48083	3628.11670
3945.0	0.0002520	1387.61255	3960.03003
4140.0	0.0002441	1387.74426	4238.25537
4377.0	0.0002296	1387.87622	4412.69189
4463.0	0.0002228	1388.00842	4453.89111
4577.0	0.0002163	1388.14075	4369.50342
4394.0	0.0002296	1388.27319	4183.62842
4028.0	0.0002520	1388.40564	3925.05005
3730.0	0.0002687	1388.53833	3622.99707
3403.0	0.0002973	1388.67126	3308.16479
3146.0	0.0003189	1388.80420	3007.65381
2881.0	0.0003429	1388.93726	2737.85400
2598.0	0.000384	1389.07043	2509.13013
2432.0	0.000416	1389.20374	2320.59790
2195.0	0.000453	1389.33728	2168.77612
2164.0	0.000453	1389.47083	2048.47925
2006.0	0.000494	1389.60449	1954.14417
1961.0	0.000517	1389.73840	1879.42444
1870.0	0.000541	1389.87231	1822.01440
1714.0	0.000595	1390.00635	1777.04492
1864.0	0.000541	1390.14038	1741.58142
1762.0	0.000567	1390.27466	1713.40308
1756.0	0.000567	1390.40906	1690.88086

1779.0	0.000567	1390.54346	1672.84595
1734.0	0.000567	1390.67798	1658.47449
1622.0	0.000625	1390.81262	1647.19409
1697.0	0.000595	1390.94739	1638.61755
1738.0	0.000567	1391.08215	1632.12891
1682.0	0.000595	1391.21704	1628.33533
1599.0	0.000625	1391.35205	1626.83704
1712.0	0.000595	1391.48706	1627.71716
1680.0	0.000595	1391.62219	1631.18494
1695.0	0.000595	1391.75745	1637.59265
1806.0	0.000567	1391.89282	1647.45996
1735.0	0.000567	1392.02808	1661.49817
1714.0	0.000595	1392.16357	1680.64453
1747.0	0.000567	1392.29907	1706.07349
1860.0	0.000541	1392.43457	1739.12329
1858.0	0.000541	1392.57019	1781.10242
2015.0	0.000494	1392.70593	1832.96680
2026.0	0.000494	1392.84167	1894.85291
2112.0	0.000473	1392.97742	1965.30273
2231.0	0.000453	1393.11328	2040.03101
2469.0	0.000400	1393.24915	2110.54443
2403.0	0.000416	1393.38513	2164.26123
2383.0	0.000416	1393.52112	2188.68018
2496.0	0.000400	1393.65710	2178.81836
2445.0	0.000416	1393.79309	2140.98828
2272.0	0.000434	1393.92920	2088.37061
2204.0	0.000453	1394.06531	2033.68164
2146.0	0.000473	1394.20154	1985.50647
2081.0	0.000473	1394.33765	1948.49585
2008.0	0.000494	1394.47388	1924.87244
2044.0	0.000494	1394.61011	1915.74561
2002.0	0.000494	1394.74634	1921.98804
2025.0	0.000494	1394.88257	1944.80750
2035.0	0.000494	1395.01892	1986.12390
2058.0	0.000494	1395.15515	2048.76978
2237.0	0.000453	1395.29150	2136.47656
2334.0	0.000434	1395.42786	2253.60059
2465.0	0.000400	1395.56421	2404.70703
2638.0	0.000384	1395.70044	2592.98682
2875.0	0.0003429	1395.83679	2819.65552
3134.0	0.0003189	1395.97314	3080.66821
3480.0	0.0002873	1396.10938	3362.45898
3873.0	0.0002601	1396.24573	3636.47559
3883.0	0.0002601	1396.38196	3858.02271
4097.0	0.0002441	1396.51831	3979.67920
4007.0	0.0002520	1396.65454	3979.69897
3955.0	0.0002520	1396.79077	3880.37622
3797.0	0.0002601	1396.92700	3734.24780
3620.0	0.0002778	1397.06323	3595.28833
3528.0	0.0002873	1397.19946	3502.22339
3487.0	0.0002873	1397.33557	3477.83862
3639.0	0.0002778	1397.47168	3532.95337
3754.0	0.0002687	1397.60779	3669.32642
4007.0	0.0002520	1397.74377	3879.42407

4231.0	0.0002367	1397.87976	4143.07080
4529.0	0.0002228	1398.01575	4422.07764
4800.0	0.0002100	1398.15173	4657.71484
4816.0	0.0002100	1398.28760	4781.35254
4662.0	0.0002163	1398.42346	4744.34473
4394.0	0.0002296	1398.55920	4548.74951
4225.0	0.0002367	1398.69507	4245.65186
3864.0	0.0002601	1398.83069	3901.85889
3507.0	0.0002873	1398.96631	3570.24878
3340.0	0.0002973	1399.10181	3281.82666
3181.0	0.0003189	1399.23730	3050.82031
2994.0	0.0003306	1399.37280	2881.48120
2967.0	0.0003429	1399.50818	2772.54761
2925.0	0.0003429	1399.64343	2719.43091
2970.0	0.0003306	1399.77869	2714.97339
2995.0	0.0003306	1399.91382	2749.58765
3109.0	0.0003189	1400.04895	2811.60840
3216.0	0.0003078	1400.18396	2888.88721
3213.0	0.0003078	1400.31885	2968.77979
3220.0	0.0003078	1400.45361	3036.26855
3201.0	0.0003078	1400.58838	3071.24341
3084.0	0.0003189	1400.72302	3052.63330
2992.0	0.0003306	1400.85754	2970.55615
2799.0	0.000356	1400.99207	2834.69849
2679.0	0.000370	1401.12646	2668.46680
2502.0	0.000400	1401.26062	2495.83301
2356.0	0.000416	1401.39478	2333.29346
2217.0	0.000453	1401.52893	2189.22607
2129.0	0.000473	1401.66284	2066.39136
2056.0	0.000494	1401.79663	1964.38708
1967.0	0.000517	1401.93042	1881.22693
1920.0	0.000517	1402.06409	1814.24536
1854.0	0.000541	1402.19751	1760.61987
1847.0	0.000541	1402.33093	1717.67957
1806.0	0.000567	1402.46411	1683.08435
1784.0	0.000567	1402.59729	1654.90051
1692.0	0.000595	1402.73035	1631.60706
1683.0	0.000595	1402.86316	1612.05017
1621.0	0.000625	1402.99597	1595.79785
1593.0	0.000625	1403.12854	1582.59790
1581.0	0.000625	1403.26099	1570.03284
1598.0	0.000625	1403.39331	1558.95386
1602.0	0.000625	1403.52563	1549.11279
1521.0	0.000657	1403.65759	1540.31702
1544.0	0.000657	1403.78955	1532.41650
1542.0	0.000657	1403.92126	1525.28821
1537.0	0.000657	1404.05286	1518.83228
1526.0	0.000657	1404.18445	1512.96436
1489.0	0.000657	1404.31567	1507.61414
1507.0	0.000657	1404.44690	1502.58838
1537.0	0.000657	1404.57776	1498.10400
1498.0	0.000657	1404.70862	1493.98218
1525.0	0.000657	1404.83936	1490.18420
1503.0	0.000657	1404.96973	1486.67798

1497.0	0.000657	1405.10010	1483.43420
1430.0	0.000693	1405.23035	1480.42786
1489.0	0.000657	1405.36023	1477.63660
1494.0	0.000657	1405.49011	1475.04077
1504.0	0.000657	1405.61975	1472.62439
1514.0	0.000657	1405.74915	1470.37073
1472.0	0.000693	1405.87842	1468.26721
1504.0	0.000657	1406.00757	1466.30115
1495.0	0.000657	1406.13635	1464.46179
1469.0	0.000693	1406.26514	1462.73999
1519.0	0.000657	1406.39355	1461.12610
1464.0	0.000693	1406.52197	1459.61316
1473.0	0.000693	1406.65002	1458.19385
1478.0	0.000693	1406.77795	1454.22180
1391.0	0.000730	1406.90564	1453.00745
1424.0	0.000693	1407.03320	1451.86853
1447.0	0.000693	1407.16052	1449.57092
1412.0	0.000693	1407.28760	1448.58643
1427.0	0.000693	1407.41455	1447.66370
1480.0	0.000693	1407.54126	1446.79944
1476.0	0.000693	1407.66772	1445.99084
1486.0	0.000657	1407.79395	1445.23462
1458.0	0.000693	1407.91992	1444.52856
1415.0	0.000693	1408.04578	1443.86963
1436.0	0.000693	1408.17139	1443.36072
1421.0	0.000693	1408.29675	1442.79285
1418.0	0.000693	1408.42188	1442.42261
1432.0	0.000693	1408.54675	1441.93933
1486.0	0.000657	1408.67139	1441.49524
1525.0	0.000657	1408.79590	1441.08887
1530.0	0.000657	1408.92004	1440.72021
1451.0	0.000693	1409.04395	1440.38806
1441.0	0.000693	1409.16772	1440.09241
1447.0	0.000693	1409.29114	1439.83252
1460.0	0.000693	1409.41443	1439.60815
1507.0	0.000657	1409.53735	1439.41992
1430.0	0.000693	1409.66016	1439.26819
1482.0	0.000657	1409.78259	1439.20325
1427.0	0.000693	1409.90491	1439.12671
1459.0	0.000693	1410.02686	1439.08997
1490.0	0.000657	1410.14856	1439.09399
1479.0	0.000693	1410.27002	1439.14075
1487.0	0.000657	1410.39111	1439.23315
1419.0	0.000693	1410.51208	1439.37427
1492.0	0.000657	1410.63269	1439.56775
1432.0	0.000693	1410.75317	1440.26855
1461.0	0.000693	1410.87329	1440.58936
1414.0	0.000693	1410.99304	1440.97986
1502.0	0.000657	1411.11267	1441.44983
1494.0	0.000657	1411.23193	1442.00952
1442.0	0.000693	1411.35095	1442.67273
1496.0	0.000657	1411.46973	1443.62708
1429.0	0.000693	1411.58813	1444.56116
1492.0	0.000657	1411.70630	1445.67505

1440.0	0.000693	1411.82422	1447.01379
1506.0	0.000657	1411.94177	1447.97278
1519.0	0.000657	1412.05908	1449.98035
1457.0	0.000693	1412.17603	1452.47168
1503.0	0.000657	1412.29272	1455.59131
1491.0	0.000657	1412.40918	1459.51526
1529.0	0.000657	1412.52527	1464.61340
1476.0	0.000693	1412.64111	1470.78296
1505.0	0.000657	1412.75659	1478.40833
1560.0	0.000657	1412.87183	1487.67993
1536.0	0.000657	1412.98669	1500.01721
1556.0	0.000657	1413.10120	1512.73596
1583.0	0.000625	1413.21558	1526.72925
1622.0	0.000625	1413.32947	1541.03979
1634.0	0.000625	1413.44312	1553.97705
1645.0	0.000595	1413.55640	1563.29590
1655.0	0.000595	1413.66943	1567.04041
1586.0	0.000625	1413.78210	1564.70520
1622.0	0.000625	1413.89441	1557.63000
1561.0	0.000625	1414.00647	1548.17676
1591.0	0.000625	1414.11816	1538.56738
1590.0	0.000625	1414.22961	1530.28516
1610.0	0.000625	1414.34058	1524.04590
1578.0	0.000625	1414.45142	1517.62109
1553.0	0.000657	1414.56177	1515.32385
1528.0	0.000657	1414.67175	1513.94971
1547.0	0.000657	1414.78149	1512.36963
1530.0	0.000657	1414.89087	1509.56091
1508.0	0.000657	1414.99988	1505.11572
1530.0	0.000657	1415.10852	1499.39661
1521.0	0.000657	1415.21692	1493.17773
1474.0	0.000693	1415.32483	1487.18091
1549.0	0.000657	1415.43250	1481.86182
1567.0	0.000625	1415.53979	1477.42566
1481.0	0.000693	1415.64673	1473.91907
1468.0	0.000693	1415.75330	1470.36108
1502.0	0.000657	1415.85950	1466.03540
1465.0	0.000693	1415.96533	1465.15222
1508.0	0.000657	1416.07092	1464.73767
1525.0	0.000657	1416.17603	1464.86267
1490.0	0.000657	1416.28076	1465.45801
1558.0	0.000657	1416.38525	1467.95105
1485.0	0.000657	1416.48926	1469.37366
1489.0	0.000657	1416.59290	1471.16638
1466.0	0.000693	1416.69617	1473.32800
1452.0	0.000693	1416.79919	1475.87122
1512.0	0.000657	1416.90173	1478.82007
1498.0	0.000657	1417.00391	1482.21191
1504.0	0.000657	1417.10571	1486.09729
1519.0	0.000657	1417.20715	1490.17407
1516.0	0.000657	1417.30823	1495.26257
1534.0	0.000657	1417.40881	1501.09619
1481.0	0.000693	1417.50916	1507.81116
1576.0	0.000625	1417.60901	1515.98328

1561.0	0.000625	1417.70850	1523.59875
1564.0	0.000625	1417.80762	1534.33789
1644.0	0.000595	1417.90637	1547.18042
1628.0	0.000625	1418.00476	1562.78540
1627.0	0.000625	1418.10266	1582.07068
1650.0	0.000595	1418.20020	1606.28516
1722.0	0.000595	1418.29736	1637.07092
1809.0	0.000541	1418.39404	1676.48730
1848.0	0.000541	1418.49048	1726.97510
1879.0	0.000541	1418.58630	1791.22266
1864.0	0.000541	1418.68188	1871.91089
2037.0	0.000494	1418.77710	1971.27930
2184.0	0.000453	1418.87183	2090.99463
2328.0	0.000434	1418.96619	2228.64966
2513.0	0.000400	1419.06006	2379.32935
2683.0	0.000370	1419.15356	2531.01099
2822.0	0.000356	1419.24658	2663.99023
2873.0	0.0003429	1419.33936	2753.73462
2868.0	0.0003429	1419.43152	2779.14233
2814.0	0.000356	1419.52344	2732.98242
2724.0	0.000370	1419.61487	2626.78491
2508.0	0.000400	1419.70581	2484.82739
2320.0	0.000434	1419.79639	2331.64990
2268.0	0.000434	1419.88660	2184.99927
2070.0	0.000494	1419.97632	2054.31958
1967.0	0.000517	1420.06555	1943.16736
1843.0	0.000541	1420.15454	1851.66382
1846.0	0.000541	1420.24292	1778.14673
1767.0	0.000567	1420.33093	1720.14099
1713.0	0.000595	1420.41858	1675.77795
1721.0	0.000595	1420.50574	1640.77942
1686.0	0.000595	1420.59241	1613.68311
1574.0	0.000625	1420.67871	1592.59656
1591.0	0.000625	1420.76465	1576.03723
1602.0	0.000625	1420.84998	1562.89526
1572.0	0.000625	1420.93494	1552.36389
1592.0	0.000625	1421.01953	1543.87256
1549.0	0.000657	1421.10364	1537.02051
1537.0	0.000657	1421.18726	1532.53284
1532.0	0.000657	1421.27039	1528.23059
1519.0	0.000657	1421.35315	1524.97632
1594.0	0.000625	1421.43542	1522.69519
1533.0	0.000657	1421.51733	1521.36108
1555.0	0.000657	1421.59875	1520.99390
1533.0	0.000657	1421.67969	1521.66699
1518.0	0.000657	1421.76013	1523.51489
1524.0	0.000657	1421.84021	1526.73938
1559.0	0.000657	1421.91980	1531.61462
1571.0	0.000625	1421.99902	1538.48523
1588.0	0.000625	1422.07764	1547.74670
1555.0	0.000657	1422.15588	1559.81616
1619.0	0.000625	1422.23364	1575.06970
1573.0	0.000625	1422.31091	1593.75159
1613.0	0.000625	1422.38782	1615.81055

1624.0	0.000625	1422.46411	1640.64319
1681.0	0.000595	1422.54004	1666.72852
1677.0	0.000595	1422.61548	1691.32361
1703.0	0.000595	1422.69043	1710.63025
1712.0	0.000595	1422.76489	1720.91760
1670.0	0.000595	1422.83899	1721.04138
1709.0	0.000595	1422.91248	1710.97168
1720.0	0.000595	1422.98560	1695.20923
1697.0	0.000595	1423.05823	1678.12500
1732.0	0.000567	1423.13037	1663.11243
1732.0	0.000567	1423.20203	1652.25793
1675.0	0.000595	1423.27332	1646.56104
1715.0	0.000595	1423.34399	1646.44250
1723.0	0.000567	1423.41418	1651.87134
1712.0	0.000595	1423.48401	1662.48389
1739.0	0.000567	1423.55322	1677.71228
1754.0	0.000567	1423.62207	1697.06873
1795.0	0.000567	1423.69031	1720.48816
1829.0	0.000541	1423.75818	1748.34131
1879.0	0.000541	1423.82544	1780.91785
1948.0	0.000517	1423.89233	1817.62329
1965.0	0.000517	1423.95874	1856.24316
1888.0	0.000541	1424.02466	1892.65942
2077.0	0.000473	1424.09009	1921.68103
2053.0	0.000494	1424.15491	1939.62280
1937.0	0.000517	1424.21936	1945.66602
2002.0	0.000494	1424.28333	1945.24463
2035.0	0.000494	1424.34668	1940.54688
1969.0	0.000517	1424.40967	1936.94678
2107.0	0.000473	1424.47217	1935.83252
2001.0	0.000494	1424.53406	1937.54675
2076.0	0.000473	1424.59558	1940.75830
2101.0	0.000473	1424.65649	1948.41370
2091.0	0.000473	1424.71692	1964.84070
2109.0	0.000473	1424.77686	1994.77368
2163.0	0.000453	1424.83643	2041.90222
2182.0	0.000453	1424.89539	2108.19531
2253.0	0.000453	1424.95386	2193.50879
2480.0	0.000400	1425.01184	2295.08813
2509.0	0.000400	1425.06921	2406.97192
2633.0	0.000384	1425.12622	2519.27246
2635.0	0.000384	1425.18262	2617.19897
2557.0	0.000384	1425.23865	2681.40063
2554.0	0.000384	1425.29407	2693.41846
2445.0	0.000416	1425.34900	2646.24512
2460.0	0.000400	1425.40344	2549.99390
2336.0	0.000434	1425.45728	2425.75757
2199.0	0.000453	1425.51074	2294.40845
2129.0	0.000473	1425.56360	2170.24414
2063.0	0.000494	1425.61609	2060.53931
2092.0	0.000473	1425.66797	1968.32202
1934.0	0.000517	1425.71924	1893.45349
1942.0	0.000517	1425.77014	1834.58081
1915.0	0.000517	1425.82056	1789.74390

1795.0	0.000567	1425.87036	1756.83484
1844.0	0.000541	1425.91968	1733.89148
1769.0	0.000567	1425.96851	1719.28296
1866.0	0.000541	1426.01672	1711.81506
1801.0	0.000567	1426.06458	1710.77917
1780.0	0.000567	1426.11182	1715.89807
1851.0	0.000541	1426.15857	1727.54822
1863.0	0.000541	1426.20483	1746.37061
1868.0	0.000541	1426.25049	1773.45544
2042.0	0.000494	1426.29565	1810.20764
1912.0	0.000517	1426.34033	1858.20483
2104.0	0.000473	1426.38452	1918.96472
2186.0	0.000453	1426.42810	1993.55688
2250.0	0.000453	1426.47119	2082.06006
2335.0	0.000434	1426.51379	2183.00928
2491.0	0.000400	1426.55579	2293.18652
2620.0	0.000384	1426.59741	2407.79907
2663.0	0.000370	1426.63843	2520.00610
2785.0	0.000356	1426.67896	2619.01001
2777.0	0.000356	1426.71887	2689.10034
3013.0	0.0003306	1426.75830	2714.00586
2873.0	0.0003429	1426.79724	2686.18701
2851.0	0.000356	1426.83569	2612.92114
2781.0	0.000356	1426.87354	2512.44263
2679.0	0.000370	1426.91089	2404.47583
2421.0	0.000416	1426.94763	2303.67627
2429.0	0.000416	1426.98401	2218.31909
2277.0	0.000434	1427.01978	2151.68872
2244.0	0.000453	1427.05493	2103.65576
2226.0	0.000453	1427.08960	2071.57837
2295.0	0.000434	1427.12378	2050.71313
2250.0	0.000453	1427.15747	2034.84009
2302.0	0.000434	1427.19055	2017.90076
2221.0	0.000453	1427.22314	1996.43311
2074.0	0.000473	1427.25525	1971.03296
1999.0	0.000494	1427.28674	1945.48132
1991.0	0.000494	1427.31775	1924.31091
1929.0	0.000517	1427.34814	1911.32251
1997.0	0.000494	1427.37817	1908.92285
1917.0	0.000517	1427.40759	1918.27673
2061.0	0.000494	1427.43640	1939.41919
1989.0	0.000494	1427.46472	1971.05200
2199.0	0.000453	1427.49255	2009.92456
2226.0	0.000453	1427.51990	2050.72217
2191.0	0.000453	1427.54663	2083.18335
2278.0	0.000434	1427.57275	2098.53906
2145.0	0.000473	1427.59851	2091.41699
2212.0	0.000453	1427.62366	2064.05493
2048.0	0.000494	1427.64819	2024.80811
1976.0	0.000517	1427.67236	1982.99817
2016.0	0.000494	1427.69580	1947.17322
1982.0	0.000494	1427.71887	1920.69165
1924.0	0.000517	1427.74133	1908.98669
1893.0	0.000517	1427.76331	1912.66150

1985.0	0.000494	1427.78467	1932.86035
2000.0	0.000494	1427.80554	1970.19202
2083.0	0.000473	1427.82593	2024.59363
2223.0	0.000453	1427.84570	2094.85645
2309.0	0.000434	1427.86499	2177.66650
2340.0	0.000434	1427.88367	2266.29199
2362.0	0.000416	1427.90186	2349.18481
2510.0	0.000400	1427.91956	2412.48926
2531.0	0.000400	1427.93665	2446.01733
2549.0	0.000400	1427.95325	2450.48340
2530.0	0.000400	1427.96936	2437.68921
2465.0	0.000400	1427.98486	2423.27490
2454.0	0.000400	1427.99976	2419.23047
2479.0	0.000400	1428.01428	2430.83447
2480.0	0.000400	1428.02820	2456.45386
2634.0	0.000384	1428.04150	2485.64136
2539.0	0.000400	1428.05444	2503.46240
2556.0	0.000384	1428.06665	2493.81128
2393.0	0.000416	1428.07849	2448.41357
2429.0	0.000416	1428.08972	2371.77271
2264.0	0.000434	1428.10046	2277.33081
2193.0	0.000453	1428.11060	2179.40771
2143.0	0.000473	1428.12024	2088.21777
1959.0	0.000517	1428.12927	2009.32080
1979.0	0.000517	1428.13794	1945.04138
1944.0	0.000517	1428.14587	1895.92761
1921.0	0.000517	1428.15344	1861.70850
1788.0	0.000567	1428.16040	1841.84021
1915.0	0.000517	1428.16675	1835.79761
1899.0	0.000517	1428.17273	1843.21179
1933.0	0.000517	1428.17810	1863.87646
1935.0	0.000517	1428.18286	1897.64001
2115.0	0.000473	1428.18713	1944.13062
2017.0	0.000494	1428.19092	2002.26038
2185.0	0.000453	1428.19421	2069.37524
2195.0	0.000453	1428.19690	2140.08276
2330.0	0.000434	1428.19897	2205.24707
2382.0	0.000416	1428.20068	2253.19653
2338.0	0.000434	1428.20178	2273.84546
2280.0	0.000434	1428.20227	2263.44702
2266.0	0.000434	1428.20239	2226.73975
2210.0	0.000453	1428.20178	2173.52222
2240.0	0.000453	1428.20081	2114.46313
2103.0	0.000473	1428.19922	2058.00562
2046.0	0.000494	1428.19714	2010.43787
2079.0	0.000473	1428.19446	1975.65747
2004.0	0.000494	1428.19141	1956.04956
2098.0	0.000473	1428.18762	1953.27527
2062.0	0.000494	1428.18347	1968.65710
2156.0	0.000473	1428.17871	2003.39392
2284.0	0.000434	1428.17346	2059.14771
2330.0	0.000434	1428.16760	2137.29492
2519.0	0.000400	1428.16138	2238.82568
2679.0	0.000370	1428.15454	2363.51611

2828.0	0.000356	1428.14709	2508.63257
2997.0	0.0003306	1428.13916	2667.21362
3204.0	0.0003078	1428.13074	2826.28833
3399.0	0.0002973	1428.12183	2969.26929
3377.0	0.0002973	1428.11230	3076.58789
3404.0	0.0002973	1428.10229	3133.31006
3393.0	0.0002973	1428.09180	3134.46240
3304.0	0.0003078	1428.08069	3085.95923
3249.0	0.0003078	1428.06909	2998.50464
2970.0	0.0003429	1428.05701	2880.84766
2813.0	0.000356	1428.04443	2740.42969
2644.0	0.000384	1428.03125	2586.18799
2546.0	0.000400	1428.01758	2429.80786
2329.0	0.000434	1428.00342	2282.11914
2207.0	0.000453	1427.98865	2150.16626
2159.0	0.000473	1427.97339	2036.89612
2003.0	0.000494	1427.95764	1942.36206
1977.0	0.000517	1427.94141	1865.02515
1865.0	0.000541	1427.92456	1802.49084
1819.0	0.000541	1427.90735	1752.96582
1731.0	0.000567	1427.88940	1713.47437
1724.0	0.000567	1427.87109	1682.25415
1677.0	0.000595	1427.85229	1656.27722
1700.0	0.000595	1427.83289	1636.78906
1583.0	0.000625	1427.81299	1621.31958
1570.0	0.000625	1427.79260	1608.92102
1591.0	0.000625	1427.77161	1598.74890
1544.0	0.000657	1427.75024	1589.98950
1547.0	0.000657	1427.72827	1581.87451
1577.0	0.000625	1427.70581	1573.80737
1545.0	0.000657	1427.68286	1565.52515
1533.0	0.000657	1427.65930	1557.12671
1541.0	0.000657	1427.63538	1548.90808
1534.0	0.000657	1427.61084	1541.16675
1479.0	0.000693	1427.58582	1534.09546
1533.0	0.000657	1427.56030	1527.77747
1500.0	0.000657	1427.53430	1522.21985
1538.0	0.000657	1427.50769	1517.38611
1507.0	0.000657	1427.48071	1513.22009
1568.0	0.000625	1427.45313	1509.65857
1450.0	0.000693	1427.42517	1506.63904
1574.0	0.000625	1427.39648	1504.10400
1468.0	0.000693	1427.36743	1502.00415
1494.0	0.000657	1427.33789	1500.30005
1431.0	0.000693	1427.30786	1498.96228
1429.0	0.000693	1427.27734	1497.97205
1461.0	0.000693	1427.24622	1497.32190
1473.0	0.000693	1427.21460	1497.01526
1499.0	0.000657	1427.18262	1496.91016
1489.0	0.000657	1427.15002	1497.34705
1523.0	0.000657	1427.11694	1498.20300
1471.0	0.000693	1427.08337	1499.52795
1434.0	0.000693	1427.04944	1501.38232
1487.0	0.000657	1427.01489	1502.35498

1548.0	0.000657	1426.97986	1505.51306
1557.0	0.000657	1426.94434	1509.44360
1529.0	0.000657	1426.90820	1514.23901
1510.0	0.000657	1426.87170	1519.98218
1537.0	0.000657	1426.83472	1526.72534
1526.0	0.000657	1426.79724	1534.58374
1507.0	0.000657	1426.75928	1543.28162
1493.0	0.000657	1426.72083	1552.92761
1589.0	0.000625	1426.68188	1563.70898
1590.0	0.000625	1426.64246	1576.13000
1615.0	0.000625	1426.60242	1590.96362
1682.0	0.000595	1426.56213	1608.63574
1633.0	0.000625	1426.52124	1630.60645
1743.0	0.000567	1426.47986	1656.87549
1745.0	0.000567	1426.43799	1687.72107
1790.0	0.000567	1426.39563	1723.48926
1738.0	0.000567	1426.35278	1764.50757
1844.0	0.000541	1426.30957	1810.47998
1946.0	0.000517	1426.26575	1859.51794
2079.0	0.000473	1426.22156	1907.20398
2077.0	0.000473	1426.17676	1946.34619
2131.0	0.000473	1426.13159	1968.52026
2158.0	0.000473	1426.08594	1967.75513
2082.0	0.000473	1426.03979	1944.08374
1983.0	0.000494	1425.99316	1902.96338
1961.0	0.000517	1425.94604	1854.09131
1865.0	0.000541	1425.89856	1804.29614
1791.0	0.000567	1425.85059	1758.44458
1747.0	0.000567	1425.80200	1719.11462
1750.0	0.000567	1425.75317	1687.36731
1678.0	0.000595	1425.70374	1663.39514
1631.0	0.000625	1425.65381	1646.92932
1654.0	0.000595	1425.60352	1637.45703
1685.0	0.000595	1425.55273	1634.30981
1697.0	0.000595	1425.50146	1636.65576
1700.0	0.000595	1425.44971	1643.42346
1688.0	0.000595	1425.39758	1653.28125
1801.0	0.000567	1425.34485	1664.87659
1755.0	0.000567	1425.29175	1677.41577
1754.0	0.000567	1425.23828	1691.18091
1801.0	0.000567	1425.18433	1707.36877
1821.0	0.000541	1425.12976	1727.27490
1787.0	0.000567	1425.07495	1751.38306
1830.0	0.000541	1425.01953	1778.71167
1908.0	0.000517	1424.96375	1806.41553
1933.0	0.000517	1424.90747	1829.74658
1945.0	0.000517	1424.85083	1842.87207
1948.0	0.000517	1424.79370	1840.96008
1924.0	0.000517	1424.73608	1822.73352
1852.0	0.000541	1424.67798	1791.31409
1807.0	0.000541	1424.61951	1752.38110
1677.0	0.000595	1424.56067	1711.46899
1721.0	0.000595	1424.50134	1672.44885
1616.0	0.000625	1424.44153	1637.41858

1596.0	0.000625	1424.38135	1607.20557
1611.0	0.000625	1424.32068	1581.88782
1577.0	0.000625	1424.25952	1561.14612
1494.0	0.000657	1424.19800	1544.47705
1494.0	0.000657	1424.13611	1531.31653
1507.0	0.000657	1424.07361	1521.11597
1482.0	0.000693	1424.01086	1513.39465
1530.0	0.000657	1423.94763	1507.76697
1523.0	0.000657	1423.88391	1503.96191
1457.0	0.000693	1423.81982	1501.83923
1460.0	0.000693	1423.75525	1501.32886
1514.0	0.000657	1423.69031	1502.77930
1511.0	0.000657	1423.62500	1505.77026
1498.0	0.000657	1423.55920	1510.75586
1517.0	0.000657	1423.49292	1517.91956
1508.0	0.000657	1423.42639	1527.51819
1518.0	0.000657	1423.35925	1539.27161
1534.0	0.000657	1423.29175	1552.96802
1557.0	0.000657	1423.22400	1567.71375
1540.0	0.000657	1423.15564	1581.84058
1507.0	0.000657	1423.08691	1593.03149
1535.0	0.000657	1423.01782	1599.14856
1511.0	0.000657	1422.94836	1599.41626
1570.0	0.000625	1422.87842	1594.74878
1570.0	0.000625	1422.80811	1586.75659
1528.0	0.000657	1422.73730	1576.59375
1514.0	0.000657	1422.66614	1564.75598
1523.0	0.000657	1422.59460	1551.66821
1516.0	0.000657	1422.52271	1538.79419
1498.0	0.000657	1422.45044	1525.80566
1455.0	0.000693	1422.37769	1514.16284
1494.0	0.000657	1422.30457	1504.28955
1521.0	0.000657	1422.23108	1496.29163
1521.0	0.000657	1422.15710	1490.08972
1486.0	0.000657	1422.08276	1485.52625
1534.0	0.000657	1422.00806	1482.43628
1481.0	0.000693	1421.93298	1480.68225
1474.0	0.000693	1421.85754	1480.18054
1501.0	0.000657	1421.78162	1480.91296
1553.0	0.000657	1421.70532	1482.93591
1478.0	0.000693	1421.62878	1486.38013
1548.0	0.000657	1421.55176	1491.44458
1550.0	0.000657	1421.47437	1498.38062
1548.0	0.000657	1421.39661	1507.46667
1547.0	0.000657	1421.31836	1518.96692
1556.0	0.000657	1421.23987	1533.07410
1572.0	0.000625	1421.16101	1549.81042
1623.0	0.000625	1421.08179	1568.86536
1619.0	0.000625	1421.00208	1589.33752
1646.0	0.000595	1420.92212	1609.42224
1664.0	0.000595	1420.84167	1626.27954
1660.0	0.000595	1420.76099	1636.57129
1689.0	0.000595	1420.67981	1637.87451
1690.0	0.000595	1420.59827	1630.13794

1736.0	0.000567	1420.51648	1615.76013
1618.0	0.000625	1420.43433	1598.20801
1574.0	0.000625	1420.35168	1580.54639
1521.0	0.000657	1420.26892	1564.82666
1535.0	0.000657	1420.18555	1552.16833
1544.0	0.000657	1420.10193	1541.68347
1542.0	0.000657	1420.01794	1536.23889
1533.0	0.000657	1419.93359	1534.28442
1522.0	0.000657	1419.84888	1535.43872
1549.0	0.000657	1419.76392	1539.04749
1538.0	0.000657	1419.67847	1544.08044
1579.0	0.000625	1419.59290	1549.05469
1570.0	0.000625	1419.50671	1552.16077
1515.0	0.000657	1419.42029	1551.77332
1529.0	0.000657	1419.33362	1547.16956
1473.0	0.000693	1419.24646	1538.87024
1548.0	0.000657	1419.15906	1528.25793
1514.0	0.000657	1419.07129	1516.84204
1466.0	0.000693	1418.98328	1505.77295
1471.0	0.000693	1418.89478	1495.72888
1465.0	0.000693	1418.80603	1487.02747
1449.0	0.000693	1418.71692	1479.76233
1419.0	0.000693	1418.62756	1473.90820
1491.0	0.000657	1418.53772	1469.38916
1440.0	0.000693	1418.44763	1466.11768
1515.0	0.000657	1418.35730	1464.02051
1478.0	0.000693	1418.26660	1463.05469
1523.0	0.000657	1418.17554	1463.21265
1515.0	0.000657	1418.08423	1464.52673
1484.0	0.000657	1417.99255	1467.05615
1504.0	0.000657	1417.90051	1470.87195
1444.0	0.000693	1417.80823	1476.02966
1527.0	0.000657	1417.71570	1482.52612
1448.0	0.000693	1417.62280	1490.22607
1512.0	0.000657	1417.52954	1498.84851
1501.0	0.000657	1417.43591	1507.40942
1499.0	0.000657	1417.34216	1514.72900
1523.0	0.000657	1417.24805	1519.21985
1465.0	0.000693	1417.15356	1519.53760
1507.0	0.000657	1417.05884	1515.43225
1523.0	0.000657	1416.96375	1508.89966
1537.0	0.000657	1416.86841	1499.42468
1467.0	0.000693	1416.77271	1489.48120
1456.0	0.000693	1416.67688	1480.03015
1440.0	0.000693	1416.58069	1471.57141
1445.0	0.000693	1416.48413	1464.29150
1447.0	0.000693	1416.38733	1458.19739
1449.0	0.000693	1416.29028	1451.97961
1487.0	0.000657	1416.19287	1447.95117
1446.0	0.000693	1416.09521	1444.72974
1467.0	0.000693	1415.99731	1442.16565
1464.0	0.000693	1415.89905	1440.12402
1460.0	0.000693	1415.80054	1438.49048
1435.0	0.000693	1415.70178	1437.88550

1427.0	0.000693	1415.60278	1436.81921
1466.0	0.000693	1415.50342	1435.94299
1480.0	0.000693	1415.40381	1435.21912
1436.0	0.000693	1415.30396	1434.61853
1444.0	0.000693	1415.20386	1434.12146
1450.0	0.000693	1415.10339	1433.71301
1406.0	0.000730	1415.00269	1433.38330
1447.0	0.000693	1414.90186	1433.12524
1484.0	0.000657	1414.80066	1432.93176
1492.0	0.000657	1414.69910	1432.80054
1483.0	0.000657	1414.59753	1432.72803
1417.0	0.000693	1414.49548	1432.71338
1463.0	0.000693	1414.39331	1432.75684
1485.0	0.000657	1414.29077	1432.85876
1444.0	0.000693	1414.18811	1433.02075
1432.0	0.000693	1414.08508	1433.24512
1436.0	0.000693	1413.98181	1433.53735
1467.0	0.000693	1413.87842	1433.90173
1450.0	0.000693	1413.77478	1435.39075
1494.0	0.000657	1413.67078	1435.93628
1463.0	0.000693	1413.56653	1436.58044
1447.0	0.000693	1413.46216	1437.33582
1489.0	0.000657	1413.35742	1438.21985
1433.0	0.000693	1413.25256	1439.25378
1422.0	0.000693	1413.14746	1440.46631
1432.0	0.000693	1413.04199	1441.89478
1434.0	0.000693	1412.93640	1443.57239
1425.0	0.000693	1412.83057	1445.60889
1448.0	0.000693	1412.72461	1448.08301
1444.0	0.000693	1412.61829	1451.12805
1449.0	0.000693	1412.51172	1454.92139
1432.0	0.000693	1412.40491	1459.69141
1441.0	0.000693	1412.29810	1466.25586
1454.0	0.000693	1412.19092	1474.76404
1456.0	0.000693	1412.08350	1484.34473
1489.0	0.000657	1411.97595	1496.23608
1448.0	0.000693	1411.86804	1510.75964
1509.0	0.000657	1411.76001	1528.11572
1502.0	0.000657	1411.65173	1548.26050
1564.0	0.000625	1411.54333	1571.39160
1515.0	0.000657	1411.43469	1594.86694
1523.0	0.000657	1411.32581	1618.55420
1509.0	0.000657	1411.21680	1635.95422
1498.0	0.000657	1411.10754	1644.88513
1519.0	0.000657	1410.99805	1642.17383
1556.0	0.000657	1410.88831	1630.20007
1632.0	0.000625	1410.77856	1611.07373
1515.0	0.000657	1410.66846	1588.60242
1515.0	0.000657	1410.55823	1565.88574
1462.0	0.000693	1410.44788	1545.21704
1601.0	0.000625	1410.33716	1526.75476
1547.0	0.000657	1410.22632	1511.16077
1481.0	0.000693	1410.11536	1498.36365
1484.0	0.000657	1410.00415	1488.10535

1518.0	0.000657	1409.89282	1479.90991
1490.0	0.000657	1409.78125	1473.68848
1506.0	0.000657	1409.66956	1468.95898
1438.0	0.000693	1409.55762	1465.41516
1460.0	0.000693	1409.44556	1462.80408
1428.0	0.000693	1409.33325	1460.86584
1538.0	0.000657	1409.22095	1459.56824
1515.0	0.000657	1409.10840	1458.74072
1434.0	0.000693	1408.99561	1458.30615
1520.0	0.000657	1408.88257	1458.21375
1491.0	0.000657	1408.76953	1458.43030
1526.0	0.000657	1408.65637	1458.93665
1523.0	0.000657	1408.54285	1459.72644
1453.0	0.000693	1408.42932	1460.80286
1415.0	0.000693	1408.31555	1462.17773
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1474.0	0.000693	1408.08765	1465.92810
1452.0	0.000693	1407.97351	1468.38989
1520.0	0.000657	1407.85913	1471.32996
1477.0	0.000693	1407.74463	1474.88062
1589.0	0.000625	1407.63000	1479.08813
1520.0	0.000657	1407.51526	1484.14551
1567.0	0.000625	1407.40027	1490.24353
1596.0	0.000625	1407.28516	1497.60486
1496.0	0.000657	1407.17004	1506.48047
1626.0	0.000625	1407.05469	1517.13733
1614.0	0.000625	1406.93921	1529.84009
1642.0	0.000595	1406.82349	1544.90588
1661.0	0.000595	1406.70789	1562.31006
1672.0	0.000595	1406.59192	1582.92676
1654.0	0.000595	1406.47583	1604.76758
1777.0	0.000567	1406.35974	1627.78552
1779.0	0.000567	1406.24353	1650.54492
1757.0	0.000567	1406.12708	1671.34155
1766.0	0.000567	1406.01050	1689.06213
1864.0	0.000541	1405.89392	1704.17896
1826.0	0.000541	1405.77710	1718.99231
1746.0	0.000567	1405.66028	1736.85242
1730.0	0.000567	1405.54333	1761.08081
1812.0	0.000541	1405.42615	1794.29211
1822.0	0.000541	1405.30896	1838.15601
1918.0	0.000517	1405.19153	1893.24353
1913.0	0.000517	1405.07422	1958.65576
2021.0	0.000494	1404.95654	2031.24683
1960.0	0.000517	1404.83887	2104.54443
2085.0	0.000473	1404.72119	2168.15796
2044.0	0.000494	1404.60327	2209.00977
2032.0	0.000494	1404.48535	2216.34521
1988.0	0.000494	1404.36719	2187.31421
2011.0	0.000494	1404.24915	2128.71313
1927.0	0.000517	1404.13086	2052.79858
1979.0	0.000517	1404.01245	1971.45508
1868.0	0.000541	1403.89392	1893.02747
1813.0	0.000541	1403.77551	1822.11926

1796.0	0.000567	1403.65686	1760.64343
1680.0	0.000595	1403.53809	1708.90527
1547.0	0.000657	1403.41931	1666.33521
1576.0	0.000625	1403.30042	1631.92639
1579.0	0.000625	1403.18140	1604.49719
1598.0	0.000625	1403.06238	1582.84729
1578.0	0.000625	1402.94324	1565.86365
1584.0	0.000625	1402.82410	1552.57263
1634.0	0.000625	1402.70471	1542.17004
1582.0	0.000625	1402.58545	1534.01648
1527.0	0.000657	1402.46594	1527.62195
1565.0	0.000625	1402.34644	1522.62268
1562.0	0.000625	1402.22681	1518.75134
1587.0	0.000625	1402.10730	1515.81519
1498.0	0.000657	1401.98755	1513.67590
1520.0	0.000657	1401.86780	1512.23303
1571.0	0.000625	1401.74792	1511.45752
1568.0	0.000625	1401.62805	1511.21179
1541.0	0.000657	1401.50806	1511.50342
1521.0	0.000657	1401.38806	1512.30896
1536.0	0.000657	1401.26794	1513.61597
1580.0	0.000625	1401.14783	1515.42126
1530.0	0.000657	1401.02771	1517.73022
1496.0	0.000657	1400.90735	1520.57715
1552.0	0.000657	1400.78723	1523.94629
1611.0	0.000625	1400.66675	1527.88855
1516.0	0.000657	1400.54639	1533.31665
1544.0	0.000657	1400.42603	1538.55566
1564.0	0.000625	1400.30554	1544.53333
1577.0	0.000625	1400.18506	1551.33350
1474.0	0.000693	1400.06445	1559.06226
1583.0	0.000625	1399.94397	1568.09033
1610.0	0.000625	1399.82324	1577.78687
1622.0	0.000625	1399.70251	1589.25842
1643.0	0.000595	1399.58191	1602.46985
1618.0	0.000625	1399.46118	1618.95251
1652.0	0.000595	1399.34045	1636.96875
1695.0	0.000595	1399.21960	1658.35498
1700.0	0.000595	1399.09888	1684.05322
1718.0	0.000595	1398.97803	1715.27820
1718.0	0.000595	1398.85706	1753.54919
1737.0	0.000567	1398.73621	1800.68005
1943.0	0.000517	1398.61536	1858.73486
2041.0	0.000494	1398.49438	1929.91809
2032.0	0.000494	1398.37329	2016.57703
2185.0	0.000453	1398.25244	2121.26465
2348.0	0.000434	1398.13147	2242.80420
2459.0	0.000400	1398.01038	2381.32495
2796.0	0.000356	1397.88940	2532.50854
2675.0	0.000370	1397.76843	2687.24097
2937.0	0.0003429	1397.64734	2831.91943
3028.0	0.0003306	1397.52625	2952.89624
3144.0	0.0003189	1397.40527	3044.07788
3252.0	0.0003078	1397.28418	3111.09741

3224.0	0.0003078	1397.16321	3167.27856
3278.0	0.0003078	1397.04211	3225.26587
3333.0	0.0002973	1396.92102	3290.72827
3363.0	0.0002973	1396.79993	3360.40234
3258.0	0.0003078	1396.67883	3424.55249
3396.0	0.0002973	1396.55786	3473.35938
3525.0	0.0002873	1396.43677	3504.01367
3594.0	0.0002778	1396.31580	3522.56616
3440.0	0.0002873	1396.19470	3539.20557
3472.0	0.0002873	1396.07373	3555.72388
3479.0	0.0002873	1395.95276	3566.73901
3506.0	0.0002873	1395.83167	3558.66699
3361.0	0.0002973	1395.71082	3520.35913
3233.0	0.0003078	1395.58972	3452.09692
3163.0	0.0003189	1395.46875	3365.09302
3115.0	0.0003189	1395.34790	3272.24854
2957.0	0.0003429	1395.22693	3179.47412
2989.0	0.0003306	1395.10608	3084.01440
2816.0	0.000356	1394.98523	2979.45874
2671.0	0.000370	1394.86426	2862.81567
2669.0	0.000370	1394.74353	2738.38110
2568.0	0.000384	1394.62268	2615.33228
2451.0	0.000400	1394.50195	2502.64233
2339.0	0.000434	1394.38123	2406.82471
2428.0	0.000416	1394.26050	2329.55493
2349.0	0.000434	1394.13977	2269.62256
2219.0	0.000453	1394.01917	2221.82007
2165.0	0.000453	1393.89856	2180.03394
2119.0	0.000473	1393.77795	2137.65552
2086.0	0.000473	1393.65747	2090.62915
2065.0	0.000494	1393.53699	2039.02466
2006.0	0.000494	1393.41650	1986.01038
2006.0	0.000494	1393.29614	1935.41150
1869.0	0.000541	1393.17578	1890.02722
1873.0	0.000541	1393.05542	1851.29504
1884.0	0.000541	1392.93518	1819.64929
1847.0	0.000541	1392.81494	1794.96008
1884.0	0.000541	1392.69482	1776.84436
1852.0	0.000541	1392.57458	1764.85034
1840.0	0.000541	1392.45447	1758.56641
1874.0	0.000541	1392.33447	1757.70386
1885.0	0.000541	1392.21460	1762.35266
1870.0	0.000541	1392.09460	1772.27576
1926.0	0.000517	1391.97473	1788.11755
1891.0	0.000541	1391.85486	1810.69690
2044.0	0.000494	1391.73523	1841.25671
1981.0	0.000494	1391.61548	1881.50867
2009.0	0.000494	1391.49585	1933.64954
2121.0	0.000473	1391.37634	2000.32190
2235.0	0.000453	1391.25684	2084.50073
2263.0	0.000434	1391.13745	2189.29321
2460.0	0.000400	1391.01794	2317.68384
2642.0	0.000384	1390.89880	2472.23071
2684.0	0.000370	1390.77954	2654.53345

2913.0	0.0003429	1390.66028	2864.08740
3086.0	0.0003189	1390.54126	3096.17212
3274.0	0.0003078	1390.42224	3339.02856
3467.0	0.0002873	1390.30334	3573.29492
3629.0	0.0002778	1390.18433	3765.57251
3832.0	0.0002601	1390.06567	3884.67285
3851.0	0.0002601	1389.94690	3905.35938
3781.0	0.0002687	1389.82825	3821.20557
3591.0	0.0002778	1389.70972	3648.66553
3382.0	0.0002973	1389.59131	3419.92944
3026.0	0.0003306	1389.47278	3169.29248
2750.0	0.000370	1389.35449	2923.14966
2578.0	0.000384	1389.23633	2697.36841
2388.0	0.000416	1389.11816	2499.31616
2229.0	0.000453	1389.00012	2331.11279
2146.0	0.000473	1388.88208	2191.13086
2028.0	0.000494	1388.76428	2076.81201
1999.0	0.000494	1388.64648	1984.69006
1928.0	0.000517	1388.52881	1911.15967
1922.0	0.000517	1388.41125	1852.80359
1804.0	0.000567	1388.29370	1806.59302
1749.0	0.000567	1388.17627	1769.98083
1845.0	0.000541	1388.05884	1740.91675
1806.0	0.000567	1387.94165	1717.81641
1743.0	0.000567	1387.82458	1699.49341
1780.0	0.000567	1387.70752	1685.09009
1697.0	0.000595	1387.59058	1674.00562
1714.0	0.000595	1387.47375	1665.84460
1686.0	0.000595	1387.35706	1660.37292
1686.0	0.000595	1387.24036	1657.49634
1688.0	0.000595	1387.12390	1657.25110
1655.0	0.000595	1387.00745	1659.80823
1727.0	0.000567	1386.89111	1665.48267
1710.0	0.000595	1386.77502	1674.75159
1697.0	0.000595	1386.65894	1688.26721
1753.0	0.000567	1386.54285	1707.16882
1799.0	0.000567	1386.42700	1732.00562
1786.0	0.000567	1386.31128	1763.90747
1817.0	0.000541	1386.19556	1804.23474
1858.0	0.000541	1386.07996	1854.14612
1937.0	0.000517	1385.96460	1914.58032
2026.0	0.000494	1385.84937	1985.95654
2145.0	0.000473	1385.73413	2067.69580
2244.0	0.000453	1385.61902	2157.48682
2274.0	0.000434	1385.50415	2250.37305
2381.0	0.000416	1385.38928	2338.04688
2508.0	0.000400	1385.27454	2409.22388
2564.0	0.000384	1385.15991	2451.99072
2521.0	0.000400	1385.04541	2458.16675
2453.0	0.000400	1384.93103	2427.50342
2432.0	0.000416	1384.81677	2368.20508
2390.0	0.000416	1384.70276	2293.02661
2265.0	0.000434	1384.58875	2215.90503
2079.0	0.000473	1384.47485	2142.41553

2095.0	0.000473	1384.36108	2079.87280
2051.0	0.000494	1384.24756	2030.97192
2032.0	0.000494	1384.13403	1997.08484
1938.0	0.000517	1384.02063	1978.99536
2036.0	0.000494	1383.90747	1977.64368
1989.0	0.000494	1383.79443	1993.15100
2094.0	0.000473	1383.68140	2027.11121
2189.0	0.000453	1383.56860	2078.04321
2224.0	0.000453	1383.45593	2146.18335
2373.0	0.000416	1383.34338	2229.80103
2434.0	0.000416	1383.23096	2325.35547
2535.0	0.000400	1383.11865	2426.54248
2597.0	0.000384	1383.00659	2522.61597
2759.0	0.000356	1382.89453	2601.45605
2850.0	0.000356	1382.78259	2649.74512
2846.0	0.000356	1382.67102	2662.86792
2789.0	0.000356	1382.55933	2648.24365
2752.0	0.000370	1382.44788	2621.38232
2803.0	0.000356	1382.33655	2597.88159
2716.0	0.000370	1382.22546	2587.80713
2784.0	0.000356	1382.11438	2593.80298
2744.0	0.000370	1382.00342	2610.90430
2838.0	0.000356	1381.89282	2627.15210
2774.0	0.000356	1381.78223	2626.54370
2782.0	0.000356	1381.67175	2595.80029
2697.0	0.000370	1381.56140	2531.79834
2591.0	0.000384	1381.45129	2442.96265
2542.0	0.000400	1381.34131	2343.39160
2452.0	0.000400	1381.23145	2245.92139
2421.0	0.000416	1381.12170	2159.02246
2252.0	0.000453	1381.01221	2087.06616
2164.0	0.000453	1380.90283	2031.69165
2183.0	0.000453	1380.79346	1992.97205
2171.0	0.000453	1380.68445	1970.16821
2035.0	0.000494	1380.57544	1962.27234
2088.0	0.000473	1380.46667	1968.49951
2166.0	0.000453	1380.35803	1988.65100
2206.0	0.000453	1380.24951	2023.12915
2195.0	0.000453	1380.14124	2072.62280
2245.0	0.000453	1380.03296	2137.23560
2298.0	0.000434	1379.92505	2216.15601
2336.0	0.000434	1379.81714	2306.43604
2422.0	0.000416	1379.70947	2401.89600
2466.0	0.000400	1379.60193	2492.28320
2517.0	0.000400	1379.49451	2564.18359
2566.0	0.000384	1379.38733	2604.96606
2618.0	0.000384	1379.28015	2608.41309
2571.0	0.000384	1379.17334	2577.45166
2542.0	0.000400	1379.06653	2521.13062
2512.0	0.000400	1378.95996	2448.97632
2483.0	0.000400	1378.85352	2368.39209
2470.0	0.000400	1378.74731	2283.22388
2297.0	0.000434	1378.64111	2198.67920
2287.0	0.000434	1378.53516	2119.64087

2193.0	0.000453	1378.42944	2050.27393
2168.0	0.000453	1378.32385	1993.21667
2062.0	0.000494	1378.21838	1949.48682
2029.0	0.000494	1378.11304	1918.81055
1992.0	0.000494	1378.00793	1899.94177
2017.0	0.000494	1377.90308	1890.75537
1988.0	0.000494	1377.79822	1888.16846
1984.0	0.000494	1377.69360	1888.17578
1974.0	0.000517	1377.58911	1886.48413
1959.0	0.000517	1377.48486	1879.95483
2105.0	0.000473	1377.38074	1868.04883
1978.0	0.000517	1377.27686	1852.95569
1909.0	0.000517	1377.17310	1838.28967
1929.0	0.000517	1377.06946	1827.62512
1933.0	0.000517	1376.96594	1823.81775
1955.0	0.000517	1376.86279	1829.02478
1900.0	0.000517	1376.75964	1844.96057
1966.0	0.000517	1376.65662	1873.09631
2057.0	0.000494	1376.55396	1914.62183
2074.0	0.000473	1376.45142	1970.77539
2159.0	0.000473	1376.34900	2042.01196
2203.0	0.000453	1376.24670	2127.96265
2229.0	0.000453	1376.14465	2226.63647
2357.0	0.000416	1376.04272	2333.12231
2467.0	0.000400	1375.94104	2437.62256
2461.0	0.000400	1375.83948	2527.33398
2498.0	0.000400	1375.73816	2585.02173
2480.0	0.000400	1375.63684	2597.72290
2618.0	0.000384	1375.53589	2563.04980
2456.0	0.000400	1375.43506	2490.71948
2381.0	0.000416	1375.33435	2397.11426
2299.0	0.000434	1375.23376	2298.11279
2226.0	0.000453	1375.13342	2205.14893
2192.0	0.000453	1375.03333	2124.86523
2031.0	0.000494	1374.93335	2060.30176
2035.0	0.000494	1374.83350	2012.17957
1967.0	0.000517	1374.73401	1979.81165
1975.0	0.000517	1374.63452	1959.72229
1988.0	0.000494	1374.53528	1954.37427
1945.0	0.000517	1374.43616	1959.49561
2002.0	0.000494	1374.33728	1972.70886
1994.0	0.000494	1374.23853	1990.19971
2013.0	0.000494	1374.13989	2006.43250
2023.0	0.000494	1374.04163	2015.25159
2029.0	0.000494	1373.94336	2010.67358
2001.0	0.000494	1373.84534	1990.96460
1927.0	0.000517	1373.74744	1959.29480
1893.0	0.000517	1373.64978	1921.31592
1891.0	0.000541	1373.55225	1882.75708
1880.0	0.000541	1373.45496	1847.86328
1847.0	0.000541	1373.35791	1819.56702
1861.0	0.000541	1373.26086	1798.38696
1845.0	0.000541	1373.16406	1785.18762
1836.0	0.000541	1373.06750	1779.99487

1868.0	0.000541	1372.97107	1782.53870
1924.0	0.000517	1372.87476	1792.29956
1932.0	0.000517	1372.77869	1808.45569
1925.0	0.000517	1372.68286	1829.71179
1952.0	0.000517	1372.58716	1854.23401
2042.0	0.000494	1372.49158	1879.76001
2111.0	0.000473	1372.39624	1904.28882
2122.0	0.000473	1372.30115	1927.23364
2133.0	0.000473	1372.20618	1950.32117
2138.0	0.000473	1372.11133	1977.45764
2135.0	0.000473	1372.01660	2013.71289
2121.0	0.000473	1371.92224	2064.27222
2189.0	0.000453	1371.82788	2133.85059
2231.0	0.000453	1371.73376	2226.48047
2377.0	0.000416	1371.64001	2345.32275
2534.0	0.000400	1371.54614	2492.24316
2722.0	0.000370	1371.45264	2666.92944
2934.0	0.0003429	1371.35925	2865.25635
3092.0	0.0003189	1371.26611	3076.70972
3325.0	0.0002973	1371.17310	3281.45752
3447.0	0.0002873	1371.08020	3449.70068
3486.0	0.0002873	1370.98755	3547.86133
3512.0	0.0002873	1370.89502	3553.49805
3448.0	0.0002873	1370.80273	3465.34448
3252.0	0.0003078	1370.71057	3309.46631
3033.0	0.0003306	1370.61865	3116.90186
2797.0	0.000356	1370.52686	2920.16187
2723.0	0.000370	1370.43530	2736.40234
2562.0	0.000384	1370.34387	2575.20630
2426.0	0.000416	1370.25269	2439.48975
2441.0	0.000416	1370.16162	2327.70752
2329.0	0.000434	1370.07068	2235.50073
2278.0	0.000434	1369.97998	2157.32910
2256.0	0.000453	1369.88953	2088.30493
2194.0	0.000453	1369.79907	2025.58289
2131.0	0.000473	1369.70886	1968.50122
2043.0	0.000494	1369.61902	1917.63501
1932.0	0.000517	1369.52917	1873.83191
1961.0	0.000517	1369.43945	1837.28662
1898.0	0.000517	1369.35010	1808.13672
1873.0	0.000541	1369.26074	1786.23047
1822.0	0.000541	1369.17163	1771.39868
1838.0	0.000541	1369.08264	1763.55933
1794.0	0.000567	1368.99390	1762.77222
1841.0	0.000541	1368.90527	1769.19946
1803.0	0.000567	1368.81689	1783.14600
1850.0	0.000541	1368.72876	1804.96045
1932.0	0.000517	1368.64063	1834.95874
1936.0	0.000517	1368.55273	1873.27258
1980.0	0.000517	1368.46497	1919.60486
2078.0	0.000473	1368.37744	1972.81445
2117.0	0.000473	1368.29004	2030.32642
2172.0	0.000453	1368.20288	2087.55493
2140.0	0.000473	1368.11584	2137.96924

2192.0	0.000453	1368.02905	2174.70459
2247.0	0.000453	1367.94226	2193.69873
2267.0	0.000434	1367.85583	2196.36035
2283.0	0.000434	1367.76953	2189.37085
2338.0	0.000434	1367.68335	2181.91211
2323.0	0.000434	1367.59729	2182.82642
2329.0	0.000434	1367.51147	2199.30396
2343.0	0.000434	1367.42578	2236.89771
2377.0	0.000416	1367.34033	2299.95630
2455.0	0.000400	1367.25500	2391.94458
2702.0	0.000370	1367.16992	2515.33203
2791.0	0.000356	1367.08484	2671.48022
2869.0	0.0003429	1367.00000	2859.10327
3082.0	0.0003189	1366.91541	3071.91772
3236.0	0.0003078	1366.83093	3299.17041
3256.0	0.0003078	1366.74658	3518.45435
3424.0	0.0002873	1366.66248	3700.54712
3436.0	0.0002873	1366.57849	3817.60059
3546.0	0.0002778	1366.49463	3857.01978
3362.0	0.0002973	1366.41101	3829.24487
3360.0	0.0002973	1366.32751	3757.91504
3426.0	0.0002873	1366.24426	3668.25171
3397.0	0.0002973	1366.16101	3573.09155
3164.0	0.0003189	1366.07800	3473.42090
3126.0	0.0003189	1365.99524	3361.92578
3002.0	0.0003306	1365.91260	3230.27979
2867.0	0.0003429	1365.83008	3075.55933
2709.0	0.000370	1365.74768	2903.08374
2737.0	0.000370	1365.66553	2724.05811
2571.0	0.000384	1365.58350	2550.30347
2296.0	0.000434	1365.50159	2390.57373
2251.0	0.000453	1365.41992	2249.29590
2136.0	0.000473	1365.33838	2127.67749
2001.0	0.000494	1365.25696	2024.94312
2043.0	0.000494	1365.17578	1939.32556
1976.0	0.000517	1365.09473	1868.66748
1865.0	0.000541	1365.01379	1811.21228
1874.0	0.000541	1364.93298	1763.94214
1766.0	0.000567	1364.85229	1725.42480
1842.0	0.000541	1364.77197	1694.03259
1734.0	0.000567	1364.69165	1668.95813
1667.0	0.000595	1364.61145	1648.03491
1664.0	0.000595	1364.53149	1630.96448
1651.0	0.000595	1364.45166	1617.12122
1649.0	0.000595	1364.37195	1606.31763
1656.0	0.000595	1364.29236	1597.73340
1606.0	0.000625	1364.21301	1591.43372
1694.0	0.000595	1364.13379	1587.31055
1610.0	0.000625	1364.05469	1585.32092
1686.0	0.000595	1363.97571	1585.46033
1627.0	0.000625	1363.89697	1587.74731
1627.0	0.000625	1363.81824	1592.57886
1653.0	0.000595	1363.73975	1599.12134
1610.0	0.000625	1363.66150	1607.53638

1605.0	0.000625	1363.58325	1617.56616
1742.0	0.000567	1363.50513	1628.61853
1700.0	0.000595	1363.42725	1640.16089
1746.0	0.000567	1363.34949	1652.03796
1639.0	0.000625	1363.27185	1664.80042
1701.0	0.000595	1363.19434	1679.79187
1759.0	0.000567	1363.11707	1698.35181
1772.0	0.000567	1363.03979	1721.98730
1722.0	0.000595	1362.96277	1751.65222
1753.0	0.000567	1362.88574	1787.64978
1844.0	0.000541	1362.80896	1828.51685
1815.0	0.000541	1362.73230	1874.10254
1900.0	0.000517	1362.65576	1919.85254
1876.0	0.000541	1362.57947	1960.13867
1924.0	0.000517	1362.50317	1988.24316
1928.0	0.000517	1362.42712	1997.93237
1882.0	0.000541	1362.35107	1989.07190
1880.0	0.000541	1362.27527	1964.27429
1956.0	0.000517	1362.19958	1930.14600
1857.0	0.000541	1362.12402	1893.75134
1905.0	0.000517	1362.04846	1860.68188
1777.0	0.000567	1361.97327	1834.52429
1855.0	0.000541	1361.89807	1817.13953
1795.0	0.000567	1361.82288	1809.06982
1747.0	0.000567	1361.74805	1809.75110
1741.0	0.000567	1361.67322	1817.44458
1777.0	0.000567	1361.59851	1829.02747
1836.0	0.000541	1361.52393	1839.39551
1826.0	0.000541	1361.44958	1845.89856
1798.0	0.000567	1361.37524	1843.09509
1759.0	0.000567	1361.30103	1832.13867
1836.0	0.000541	1361.22705	1816.63770
1794.0	0.000567	1361.15308	1801.53894
1752.0	0.000567	1361.07922	1791.27148
1761.0	0.000567	1361.00549	1788.89429
1736.0	0.000567	1360.93201	1796.26013
1800.0	0.000567	1360.85852	1814.16687
1820.0	0.000541	1360.78516	1842.45178
1805.0	0.000567	1360.71191	1879.76355
1852.0	0.000541	1360.63879	1923.03577
1892.0	0.000541	1360.56580	1966.82800
1916.0	0.000517	1360.49292	2003.30786
1909.0	0.000517	1360.42017	2023.93982
1892.0	0.000541	1360.34741	2023.14307
1955.0	0.000517	1360.27490	2001.51819
1890.0	0.000541	1360.20239	1964.49109
1941.0	0.000517	1360.13013	1922.78992
1840.0	0.000541	1360.05786	1883.02380
1887.0	0.000541	1359.98572	1850.41370
1816.0	0.000541	1359.91382	1828.04028
1849.0	0.000541	1359.84180	1817.53027
1872.0	0.000541	1359.77002	1819.58557
1839.0	0.000541	1359.69824	1834.20447
1811.0	0.000541	1359.62671	1860.65564

1932.0	0.000517	1359.55518	1897.30579
1953.0	0.000517	1359.48376	1941.56812
1958.0	0.000517	1359.41260	1990.28906
1971.0	0.000517	1359.34131	2040.77930
2012.0	0.000494	1359.27014	2091.09497
2044.0	0.000494	1359.19922	2139.24341
2191.0	0.000453	1359.12830	2181.23438
2139.0	0.000473	1359.05750	2210.09131
2087.0	0.000473	1358.98669	2217.51392
2129.0	0.000473	1358.91614	2197.59155
2152.0	0.000473	1358.84558	2151.87012
2046.0	0.000494	1358.77515	2086.99487
2043.0	0.000494	1358.70471	2012.59265
1864.0	0.000541	1358.63452	1937.17151
1892.0	0.000541	1358.56433	1866.43677
1794.0	0.000567	1358.49414	1803.42151
1810.0	0.000541	1358.42419	1749.26855
1716.0	0.000595	1358.35425	1703.99719
1609.0	0.000625	1358.28442	1667.10327
1716.0	0.000595	1358.21460	1637.47351
1718.0	0.000595	1358.14502	1614.17566
1608.0	0.000625	1358.07532	1596.21521
1643.0	0.000595	1358.00586	1582.74915
1603.0	0.000625	1357.93640	1573.77454
1582.0	0.000625	1357.86707	1567.70398
1626.0	0.000625	1357.79773	1564.78308
1550.0	0.000657	1357.72852	1565.41846
1590.0	0.000625	1357.65942	1569.60132
1685.0	0.000595	1357.59033	1577.67493
1616.0	0.000625	1357.52124	1590.13086
1671.0	0.000595	1357.45239	1607.58289
1761.0	0.000567	1357.38354	1630.72485
1799.0	0.000567	1357.31470	1660.26233
1698.0	0.000595	1357.24597	1696.81665
1773.0	0.000567	1357.17737	1740.76990
1867.0	0.000541	1357.10876	1792.01440
1920.0	0.000517	1357.04028	1849.53857
1969.0	0.000517	1356.97180	1910.80933
2018.0	0.000494	1356.90344	1971.06360
2068.0	0.000494	1356.83508	2023.01050
2149.0	0.000473	1356.76672	2056.12451
2171.0	0.000453	1356.69849	2066.61133
2166.0	0.000453	1356.63037	2050.39526
2127.0	0.000473	1356.56226	2011.50916
2006.0	0.000494	1356.49426	1958.15454
1968.0	0.000517	1356.42627	1899.03052
1885.0	0.000541	1356.35828	1840.94714
1827.0	0.000541	1356.29041	1788.10474
1718.0	0.000595	1356.22253	1742.64404
1694.0	0.000595	1356.15479	1705.31567
1679.0	0.000595	1356.08704	1676.00659
1597.0	0.000625	1356.01929	1653.82019
1622.0	0.000625	1355.95166	1638.08142
1610.0	0.000625	1355.88403	1627.04297

1610.0	0.000625	1355.81653	1618.82996
1617.0	0.000625	1355.74902	1612.33264
1592.0	0.000625	1355.68152	1604.11560
1548.0	0.000657	1355.61414	1594.22888
1532.0	0.000657	1355.54663	1582.80798
1565.0	0.000625	1355.47937	1570.59875
1584.0	0.000625	1355.41211	1558.42432
1552.0	0.000657	1355.34473	1546.85547
1485.0	0.000657	1355.27747	1536.19128
1447.0	0.000693	1355.21033	1526.60352
1448.0	0.000693	1355.14307	1518.24329
1503.0	0.000657	1355.07593	1511.25232
1470.0	0.000693	1355.00879	1505.72437
1461.0	0.000693	1354.94177	1501.68457
1447.0	0.000693	1354.87463	1499.10693
1484.0	0.000657	1354.80762	1497.93823
1440.0	0.000693	1354.74072	1498.12842
1495.0	0.000657	1354.67371	1499.86536
1489.0	0.000657	1354.60669	1502.71619
1484.0	0.000657	1354.53967	1506.64258
1490.0	0.000657	1354.47290	1512.22266
1502.0	0.000657	1354.40588	1519.64612
1503.0	0.000657	1354.33899	1529.03845
1514.0	0.000657	1354.27222	1540.79163
1568.0	0.000625	1354.20532	1555.42358
1578.0	0.000625	1354.13843	1573.59180
1580.0	0.000625	1354.07166	1596.09595
1617.0	0.000625	1354.00488	1623.87183
1673.0	0.000595	1353.93811	1657.95776
1721.0	0.000595	1353.87122	1699.43445
1735.0	0.000567	1353.80444	1749.33228
1862.0	0.000541	1353.73767	1808.45483
1910.0	0.000517	1353.67090	1877.10071
1997.0	0.000494	1353.60413	1954.61523
2136.0	0.000473	1353.53748	2038.72400
2174.0	0.000453	1353.47070	2124.78809
2246.0	0.000453	1353.40393	2203.76953
2440.0	0.000416	1353.33716	2269.67554
2475.0	0.000400	1353.27039	2311.94946
2331.0	0.000434	1353.20361	2325.18262
2361.0	0.000416	1353.13684	2309.33667
2317.0	0.000434	1353.07019	2269.73193
2239.0	0.000453	1353.00330	2215.17041
2147.0	0.000473	1352.93652	2156.42773
2157.0	0.000473	1352.86975	2101.33521
2124.0	0.000473	1352.80298	2057.93384
2091.0	0.000473	1352.73608	2029.37000
2018.0	0.000494	1352.66931	2017.86377
2023.0	0.000494	1352.60254	2024.50525
2079.0	0.000473	1352.53564	2049.59644
2209.0	0.000453	1352.46875	2092.69312
2203.0	0.000453	1352.40186	2152.36401
2256.0	0.000453	1352.33496	2225.73071
2294.0	0.000434	1352.26807	2308.00146

2347.0	0.000434	1352.20105	2392.44751
2466.0	0.000400	1352.13416	2471.27515
2494.0	0.000400	1352.06714	2537.17603
2545.0	0.000400	1352.00012	2584.56958
2563.0	0.000384	1351.93311	2610.04346
2623.0	0.000384	1351.86609	2612.79248
2541.0	0.000400	1351.79895	2595.19092
2506.0	0.000400	1351.73181	2562.07275
2482.0	0.000400	1351.66467	2518.50537
2406.0	0.000416	1351.59741	2468.27759
2348.0	0.000434	1351.53027	2414.52051
2332.0	0.000434	1351.46301	2360.79688
2296.0	0.000434	1351.39575	2310.73364
2283.0	0.000434	1351.32837	2266.17065
2185.0	0.000453	1351.26099	2225.92212
2129.0	0.000473	1351.19360	2186.27466
2140.0	0.000473	1351.12610	2143.12036
2123.0	0.000473	1351.05859	2094.47974
2076.0	0.000473	1350.99109	2041.57300
2013.0	0.000494	1350.92358	1987.74390
1993.0	0.000494	1350.85583	1936.43494
1932.0	0.000517	1350.78821	1889.76807
1859.0	0.000541	1350.72046	1848.16089
1854.0	0.000541	1350.65271	1810.87390
1885.0	0.000541	1350.58496	1776.79358
1822.0	0.000541	1350.51697	1745.22693
1776.0	0.000567	1350.44910	1716.22632
1758.0	0.000567	1350.38110	1690.38086
1688.0	0.000595	1350.31299	1668.39294
1666.0	0.000595	1350.24500	1650.80713
1697.0	0.000595	1350.17688	1637.96484
1648.0	0.000595	1350.10864	1630.11023
1709.0	0.000595	1350.04028	1627.50696
1657.0	0.000595	1349.97192	1630.52112
1662.0	0.000595	1349.90356	1639.16284
1689.0	0.000595	1349.83508	1655.18591
1750.0	0.000567	1349.76660	1678.91052
1743.0	0.000567	1349.69800	1711.27051
1801.0	0.000567	1349.62927	1753.17944
1875.0	0.000541	1349.56055	1805.36731
1869.0	0.000541	1349.49170	1868.12793
1899.0	0.000517	1349.42285	1940.84680
2124.0	0.000473	1349.35388	2021.35083
2173.0	0.000453	1349.28491	2104.88477
2251.0	0.000453	1349.21582	2183.36353
2355.0	0.000416	1349.14661	2244.90137
2427.0	0.000416	1349.07739	2277.57104
2422.0	0.000416	1349.00793	2273.43384
2309.0	0.000434	1348.93860	2233.45874
2226.0	0.000453	1348.86902	2166.51758
2112.0	0.000473	1348.79944	2084.71509
1968.0	0.000517	1348.72986	1998.68188
1938.0	0.000517	1348.66003	1915.59155
1858.0	0.000541	1348.59021	1839.46301

1783.0	0.000567	1348.52026	1772.17078
1723.0	0.000567	1348.45032	1714.25342
1665.0	0.000595	1348.38013	1665.44678
1628.0	0.000625	1348.30994	1624.97827
1556.0	0.000657	1348.23962	1591.80786
1545.0	0.000657	1348.16919	1564.81995
1559.0	0.000657	1348.09875	1542.95068
1485.0	0.000657	1348.02808	1524.82544
1532.0	0.000657	1347.95752	1510.50989
1534.0	0.000657	1347.88672	1498.91174
1484.0	0.000657	1347.81580	1489.50330
1525.0	0.000657	1347.74475	1481.87451
1454.0	0.000693	1347.67371	1475.71289
1437.0	0.000693	1347.60254	1470.78528
1451.0	0.000693	1347.53125	1466.92297
1486.0	0.000657	1347.45984	1464.00549
1427.0	0.000693	1347.38831	1461.95447
1448.0	0.000693	1347.31665	1460.72009
1420.0	0.000693	1347.24487	1460.74109
1467.0	0.000693	1347.17310	1461.11682
1433.0	0.000693	1347.10107	1462.33643
1444.0	0.000693	1347.02905	1464.32495
1504.0	0.000657	1346.95691	1467.47571
1483.0	0.000657	1346.88452	1471.79639
1510.0	0.000657	1346.81213	1477.49084
1508.0	0.000657	1346.73962	1484.82959
1496.0	0.000657	1346.66699	1494.15869
1479.0	0.000693	1346.59412	1505.07080
1504.0	0.000657	1346.52124	1519.76392
1535.0	0.000657	1346.44824	1537.99316
1533.0	0.000657	1346.37512	1560.41858
1603.0	0.000625	1346.30176	1587.71106
1601.0	0.000625	1346.22839	1620.46887
1702.0	0.000595	1346.15491	1659.08655
1715.0	0.000595	1346.08118	1703.59644
1773.0	0.000567	1346.00745	1753.50806
1782.0	0.000567	1345.93347	1807.71484
1831.0	0.000541	1345.85938	1864.47656
1923.0	0.000517	1345.78528	1921.31616
1933.0	0.000517	1345.71094	1974.57312
1990.0	0.000494	1345.63647	2018.80566
1980.0	0.000494	1345.56189	2047.08142
1977.0	0.000517	1345.48706	2053.02148
1965.0	0.000517	1345.41223	2034.08398
1893.0	0.000517	1345.33728	1993.34534
1869.0	0.000541	1345.26208	1938.07861
1823.0	0.000541	1345.18677	1876.63696
1770.0	0.000567	1345.11133	1815.32153
1761.0	0.000567	1345.03577	1758.47656
1713.0	0.000595	1344.95996	1708.25513
1668.0	0.000595	1344.88403	1665.44177
1644.0	0.000595	1344.80811	1630.01782
1615.0	0.000625	1344.73193	1601.53784
1586.0	0.000625	1344.65552	1579.35999

1536.0	0.000657	1344.57898	1562.79175
1598.0	0.000625	1344.50244	1551.18103
1568.0	0.000625	1344.42554	1543.98560
1567.0	0.000625	1344.34863	1540.82227
1564.0	0.000625	1344.27148	1541.49976
1528.0	0.000657	1344.19434	1546.04382
1580.0	0.000625	1344.11682	1554.06030
1580.0	0.000625	1344.03918	1567.34680
1599.0	0.000625	1343.96155	1585.95923
1665.0	0.000595	1343.88354	1610.80420
1724.0	0.000567	1343.80554	1642.93359
1759.0	0.000567	1343.72729	1683.45740
1866.0	0.000541	1343.64893	1733.42468
1870.0	0.000541	1343.57031	1793.64172
1892.0	0.000541	1343.49158	1864.37915
2001.0	0.000494	1343.41272	1944.89465
2147.0	0.000473	1343.33362	2032.67395
2156.0	0.000473	1343.25439	2122.40649
2273.0	0.000434	1343.17505	2205.12671
2320.0	0.000434	1343.09546	2268.67480
2256.0	0.000453	1343.01563	2300.80444
2260.0	0.000434	1342.93567	2294.39673
2202.0	0.000453	1342.85559	2251.76172
2144.0	0.000473	1342.77527	2182.90747
2092.0	0.000473	1342.69482	2100.92163
2054.0	0.000494	1342.61414	2017.18286
1941.0	0.000517	1342.53333	1939.42480
1909.0	0.000517	1342.45239	1872.02869
1773.0	0.000567	1342.37109	1816.93579
1807.0	0.000541	1342.28979	1774.91028
1782.0	0.000567	1342.20825	1744.77319
1708.0	0.000595	1342.12646	1725.60132
1665.0	0.000595	1342.04456	1715.44702
1693.0	0.000595	1341.96252	1711.52771
1703.0	0.000595	1341.88013	1710.12830
1689.0	0.000595	1341.79773	1706.90540
1619.0	0.000625	1341.71509	1697.92456
1644.0	0.000595	1341.63220	1681.12231
1647.0	0.000595	1341.54907	1657.07703
1672.0	0.000595	1341.46582	1628.33691
1620.0	0.000625	1341.38245	1597.94604
1589.0	0.000625	1341.29871	1568.33997
1553.0	0.000657	1341.21497	1541.01721
1541.0	0.000657	1341.13086	1516.68896
1425.0	0.000693	1341.04663	1495.55054
1439.0	0.000693	1340.96216	1477.49951
1411.0	0.000693	1340.87756	1462.27429
1413.0	0.000693	1340.79272	1449.53857
1391.0	0.000730	1340.70776	1438.93311
1356.0	0.000730	1340.62244	1430.10596
1403.0	0.000730	1340.53699	1422.73792
1356.0	0.000730	1340.45142	1416.54932
1346.0	0.000730	1340.36560	1411.30750
1322.0	0.000772	1340.27954	1406.82483

1301.0	0.000772	1340.19336	1402.95288
1351.0	0.000730	1340.10681	1399.57874
1350.0	0.000730	1340.02014	1396.04260
1343.0	0.000730	1339.93323	1393.43201
1387.0	0.000730	1339.84619	1391.11694
1313.0	0.000772	1339.75891	1388.79163
1326.0	0.000772	1339.67139	1386.96497
1344.0	0.000730	1339.58362	1385.34338
1378.0	0.000730	1339.49573	1384.27893
1313.0	0.000772	1339.40747	1383.02112
1347.0	0.000730	1339.31909	1381.92627
1428.0	0.000693	1339.23059	1380.98816
1295.0	0.000772	1339.14172	1380.20447
1320.0	0.000772	1339.05273	1379.57507
1306.0	0.000772	1338.96350	1379.10510
1316.0	0.000772	1338.87402	1378.80396
1334.0	0.000730	1338.78430	1378.68420
1284.0	0.000772	1338.69446	1378.76379
1360.0	0.000730	1338.60437	1379.06360
1284.0	0.000772	1338.51404	1379.94031
1349.0	0.000730	1338.42334	1380.29895
1342.0	0.000730	1338.33252	1381.42725
1335.0	0.000730	1338.24158	1382.88269
1361.0	0.000730	1338.15039	1384.13867
1366.0	0.000730	1338.05884	1386.29456
1398.0	0.000730	1337.96716	1388.77380
1325.0	0.000772	1337.87524	1391.50439
1398.0	0.000730	1337.78308	1394.37244
1441.0	0.000693	1337.69067	1396.98975
1364.0	0.000730	1337.59814	1399.82263
1371.0	0.000730	1337.50525	1402.69336
1398.0	0.000730	1337.41211	1405.84180
1382.0	0.000730	1337.31885	1409.68591
1330.0	0.000772	1337.22534	1414.31506
1330.0	0.000772	1337.13147	1420.31775
1393.0	0.000730	1337.03748	1426.71619
1407.0	0.000693	1336.94324	1434.40833
1444.0	0.000693	1336.84875	1442.50537
1416.0	0.000693	1336.75403	1450.15173
1386.0	0.000730	1336.65906	1456.18713
1445.0	0.000693	1336.56384	1459.46851
1446.0	0.000693	1336.46838	1459.38074
1434.0	0.000693	1336.37268	1456.18872
1398.0	0.000730	1336.27686	1450.78406
1426.0	0.000693	1336.18066	1444.62146
1359.0	0.000730	1336.08423	1438.66003
1395.0	0.000730	1335.98755	1433.62732
1411.0	0.000693	1335.89075	1429.95642
1386.0	0.000730	1335.79358	1427.89209
1442.0	0.000693	1335.69617	1427.58801
1406.0	0.000730	1335.59863	1429.17175
1393.0	0.000730	1335.50073	1433.03357
1464.0	0.000693	1335.40271	1438.86340
1401.0	0.000730	1335.30432	1447.13208

1469.0	0.000693	1335.20569	1458.08398
1427.0	0.000693	1335.10681	1471.93164
1414.0	0.000693	1335.00769	1488.78381
1453.0	0.000693	1334.90845	1508.56848
1465.0	0.000693	1334.80884	1530.92407
1472.0	0.000693	1334.70898	1555.05750
1498.0	0.000657	1334.60889	1579.54370
1518.0	0.000657	1334.50854	1602.13135
1548.0	0.000657	1334.40796	1619.82043
1518.0	0.000657	1334.30701	1629.55969
1609.0	0.000625	1334.20605	1629.46887
1530.0	0.000657	1334.10461	1618.93750
1533.0	0.000657	1334.00293	1601.83337
1522.0	0.000657	1333.90112	1580.52197
1510.0	0.000657	1333.79895	1557.84375
1523.0	0.000657	1333.69666	1536.05090
1461.0	0.000693	1333.59399	1516.42725
1462.0	0.000693	1333.49109	1499.61511
1497.0	0.000657	1333.38794	1485.75293
1499.0	0.000657	1333.28455	1474.78613
1439.0	0.000693	1333.18091	1466.61755
1389.0	0.000730	1333.07703	1461.19348
1441.0	0.000693	1332.97278	1458.52612
1444.0	0.000693	1332.86829	1458.68457
1461.0	0.000693	1332.76355	1461.80701
1426.0	0.000693	1332.65869	1468.08679
1443.0	0.000693	1332.55347	1477.78833
1468.0	0.000693	1332.44800	1491.22705
1522.0	0.000657	1332.34229	1508.74670
1516.0	0.000657	1332.23633	1530.66418
1505.0	0.000657	1332.13000	1557.18799
1620.0	0.000625	1332.02344	1588.28882
1739.0	0.000567	1331.91675	1623.48328
1698.0	0.000595	1331.80969	1661.50916
1705.0	0.000595	1331.70227	1699.92322
1711.0	0.000595	1331.59473	1735.29834
1739.0	0.000567	1331.48694	1761.57605
1771.0	0.000567	1331.37878	1774.24707
1805.0	0.000567	1331.27039	1770.46570
1778.0	0.000567	1331.16174	1750.97339
1694.0	0.000595	1331.05286	1719.70129
1709.0	0.000595	1330.94360	1681.88770
1615.0	0.000625	1330.83423	1642.23328
1596.0	0.000625	1330.72461	1604.03406
1611.0	0.000625	1330.61462	1569.19446
1465.0	0.000693	1330.50427	1538.59326
1469.0	0.000693	1330.39392	1512.47302
1437.0	0.000693	1330.28308	1490.71362
1424.0	0.000693	1330.17200	1473.09436
1353.0	0.000730	1330.06067	1459.41516
1403.0	0.000730	1329.94922	1448.69250
1323.0	0.000772	1329.83728	1440.91846
1387.0	0.000730	1329.72522	1435.81055
1351.0	0.000730	1329.61292	1433.16199

1382.0	0.000730	1329.50012	1432.84998
1412.0	0.000693	1329.38721	1434.81091
1412.0	0.000693	1329.27405	1438.92664
1370.0	0.000730	1329.16064	1445.38513
1371.0	0.000730	1329.04688	1454.46045
1415.0	0.000693	1328.93274	1465.11328
1375.0	0.000730	1328.81860	1477.34241
1388.0	0.000730	1328.70398	1489.69360
1432.0	0.000693	1328.58911	1502.15601
1432.0	0.000693	1328.47412	1511.78870
1415.0	0.000693	1328.35876	1516.67017
1477.0	0.000693	1328.24304	1515.40942
1405.0	0.000730	1328.12720	1508.04651
1485.0	0.000657	1328.01099	1496.01904
1428.0	0.000693	1327.89453	1481.40417
1389.0	0.000730	1327.77783	1466.10168
1449.0	0.000693	1327.66077	1451.43738
1376.0	0.000730	1327.54358	1438.16333
1350.0	0.000730	1327.42603	1426.63525
1349.0	0.000730	1327.30823	1416.88745
1399.0	0.000730	1327.19006	1409.39172
1286.0	0.000772	1327.07178	1402.97034
1353.0	0.000730	1326.95313	1397.95862
1354.0	0.000730	1326.83423	1394.17236
1351.0	0.000730	1326.71509	1391.88196
1327.0	0.000772	1326.59558	1390.10693
1360.0	0.000730	1326.47583	1389.06262
1319.0	0.000772	1326.35583	1388.71387
1334.0	0.000730	1326.23572	1389.01111
1356.0	0.000730	1326.11511	1389.94055
1221.0	0.000816	1325.99426	1391.52832
1403.0	0.000730	1325.87317	1393.84302
1350.0	0.000730	1325.75183	1397.06238
1341.0	0.000730	1325.63013	1401.23499
1375.0	0.000730	1325.50818	1406.65344
1333.0	0.000730	1325.38611	1413.61609
1387.0	0.000730	1325.26367	1422.48474
1309.0	0.000772	1325.14087	1433.67627
1462.0	0.000693	1325.01782	1447.64380
1361.0	0.000730	1324.89465	1463.94458
1356.0	0.000730	1324.77100	1484.78918
1420.0	0.000693	1324.64722	1509.54626
1441.0	0.000693	1324.52319	1538.23364
1486.0	0.000657	1324.39880	1570.40125
1526.0	0.000657	1324.27417	1605.00183
1597.0	0.000625	1324.14917	1639.19373
1539.0	0.000657	1324.02405	1669.43433
1632.0	0.000625	1323.89856	1690.53479
1583.0	0.000625	1323.77283	1698.30261
1530.0	0.000657	1323.64685	1691.05432
1606.0	0.000625	1323.52051	1670.66113
1583.0	0.000625	1323.39404	1641.58777
1437.0	0.000693	1323.26721	1608.71094
1467.0	0.000693	1323.14014	1575.85449

1444.0	0.000693	1323.01270	1545.40234
1419.0	0.000693	1322.88501	1518.34082
1456.0	0.000693	1322.75720	1495.54871
1392.0	0.000730	1322.62903	1476.78906
1436.0	0.000693	1322.50049	1461.80334
1328.0	0.000772	1322.37183	1450.21484
1387.0	0.000730	1322.24292	1441.61047
1434.0	0.000693	1322.11365	1435.86243
1378.0	0.000730	1321.98401	1432.08850
1369.0	0.000730	1321.85425	1430.28687
1443.0	0.000693	1321.72424	1430.46997
1329.0	0.000772	1321.59387	1432.17651
1384.0	0.000730	1321.46326	1435.60876
1394.0	0.000730	1321.33240	1440.87537
1443.0	0.000693	1321.20129	1448.16980
1405.0	0.000730	1321.06982	1457.75684
1466.0	0.000693	1320.93811	1469.96326
1465.0	0.000693	1320.80627	1485.16650
1464.0	0.000693	1320.67395	1503.70569
1458.0	0.000693	1320.54150	1525.92920
1513.0	0.000657	1320.40881	1552.06519
1502.0	0.000657	1320.27576	1582.12756
1542.0	0.000657	1320.14246	1615.73132
1578.0	0.000625	1320.00891	1651.83191
1682.0	0.000595	1319.87512	1688.43005
1678.0	0.000595	1319.74097	1722.47217
1750.0	0.000567	1319.60669	1750.28857
1774.0	0.000567	1319.47217	1768.82129
1786.0	0.000567	1319.33716	1777.13843
1777.0	0.000567	1319.20203	1777.13159
1746.0	0.000567	1319.06665	1772.73877
1692.0	0.000595	1318.93103	1768.33923
1722.0	0.000595	1318.79504	1767.41797
1738.0	0.000567	1318.65881	1772.15845
1706.0	0.000595	1318.52234	1782.39258
1764.0	0.000567	1318.38574	1796.81714
1743.0	0.000567	1318.24878	1812.10034
1717.0	0.000595	1318.11145	1823.54736
1656.0	0.000595	1317.97412	1826.51624
1683.0	0.000595	1317.83630	1818.54321
1656.0	0.000595	1317.69824	1800.73132
1650.0	0.000595	1317.55994	1777.28162
1635.0	0.000625	1317.42151	1752.88171
1660.0	0.000595	1317.28271	1731.92554
1626.0	0.000625	1317.14368	1717.23267
1680.0	0.000595	1317.00439	1710.27942
1652.0	0.000595	1316.86487	1711.60449
1646.0	0.000595	1316.72498	1720.39270
1708.0	0.000595	1316.58484	1735.34753
1678.0	0.000595	1316.44470	1753.98279
1762.0	0.000567	1316.30408	1772.90222
1743.0	0.000567	1316.16321	1788.16272
1729.0	0.000567	1316.02222	1795.94788
1751.0	0.000567	1315.88086	1793.52478

1728.0	0.000567	1315.73926	1779.84790
1654.0	0.000595	1315.59741	1756.53723
1672.0	0.000595	1315.45532	1727.05945
1591.0	0.000625	1315.31299	1695.59094
1567.0	0.000625	1315.17041	1665.55090
1562.0	0.000625	1315.02747	1639.41748
1527.0	0.000657	1314.88452	1618.82275
1523.0	0.000657	1314.74109	1604.39734
1508.0	0.000657	1314.59753	1596.34766
1549.0	0.000657	1314.45386	1594.51575
1527.0	0.000657	1314.30969	1598.39832
1596.0	0.000625	1314.16541	1607.05737
1570.0	0.000625	1314.02075	1618.93591
1632.0	0.000625	1313.87610	1631.66956
1611.0	0.000625	1313.73096	1642.12488
1624.0	0.000625	1313.58569	1646.95923
1518.0	0.000657	1313.44019	1643.75562
1591.0	0.000625	1313.29443	1632.11987
1587.0	0.000625	1313.14832	1613.77783
1486.0	0.000657	1313.00208	1591.63074
1460.0	0.000693	1312.85559	1568.54749
1524.0	0.000657	1312.70886	1546.67175
1414.0	0.000693	1312.56189	1527.31409
1402.0	0.000730	1312.41479	1511.12415
1448.0	0.000693	1312.26733	1498.35364
1369.0	0.000730	1312.11963	1488.96692
1399.0	0.000730	1311.97168	1482.76965
1397.0	0.000730	1311.82361	1479.43823
1370.0	0.000730	1311.67517	1478.35266
1403.0	0.000730	1311.52649	1479.14734
1425.0	0.000693	1311.37769	1481.00330
1367.0	0.000730	1311.22864	1482.90601
1378.0	0.000730	1311.07935	1483.98096
1339.0	0.000730	1310.92981	1483.71448
1363.0	0.000730	1310.78015	1482.16553
1385.0	0.000730	1310.63013	1479.91113
1371.0	0.000730	1310.47986	1477.77771
1386.0	0.000730	1310.32935	1476.56958
1410.0	0.000693	1310.17883	1477.12573
1385.0	0.000730	1310.02783	1479.71753
1426.0	0.000693	1309.87671	1484.98193
1390.0	0.000730	1309.72546	1493.41504
1460.0	0.000693	1309.57385	1505.54639
1448.0	0.000693	1309.42200	1522.12378
1527.0	0.000657	1309.27002	1543.39258
1515.0	0.000657	1309.11792	1570.10669
1574.0	0.000625	1308.96545	1602.75696
1596.0	0.000625	1308.81274	1641.62415
1705.0	0.000595	1308.65991	1686.58167
1711.0	0.000595	1308.50684	1736.76660
1837.0	0.000541	1308.35352	1790.09424
1923.0	0.000517	1308.19995	1842.73157
1836.0	0.000541	1308.04626	1888.95581
1945.0	0.000517	1307.89233	1922.15942

1978.0	0.000517	1307.73816	1937.30322
1922.0	0.000517	1307.58374	1933.60107
1966.0	0.000517	1307.42920	1914.71057
1864.0	0.000541	1307.27441	1888.56384
1807.0	0.000541	1307.11938	1861.76355
1801.0	0.000567	1306.96436	1839.70679
1731.0	0.000567	1306.80884	1825.79126
1756.0	0.000567	1306.65320	1821.76636
1755.0	0.000567	1306.49744	1828.13245
1758.0	0.000567	1306.34143	1844.32214
1849.0	0.000541	1306.18518	1868.65332
1832.0	0.000541	1306.02881	1898.21362
1797.0	0.000567	1305.87231	1929.00452
1838.0	0.000541	1305.71545	1956.70105
1770.0	0.000567	1305.55835	1978.07788
1852.0	0.000541	1305.40112	1992.41064
1917.0	0.000517	1305.24377	2001.83936
1919.0	0.000517	1305.08618	2010.29651
1911.0	0.000517	1304.92834	2021.70605
1956.0	0.000517	1304.77051	2038.43384
2009.0	0.000494	1304.61230	2060.40430
2044.0	0.000494	1304.45386	2084.86060
2010.0	0.000494	1304.29529	2106.89673
2080.0	0.000473	1304.13672	2121.04395
2011.0	0.000494	1303.97766	2123.57861
2027.0	0.000494	1303.81860	2114.08594
2021.0	0.000494	1303.65930	2095.09497
2028.0	0.000494	1303.49988	2070.52417
2055.0	0.000494	1303.34021	2044.57715
1929.0	0.000517	1303.18030	2021.38037
1998.0	0.000494	1303.02039	2005.46765
1967.0	0.000517	1302.86011	2000.44922
1908.0	0.000517	1302.69971	2009.11487
2003.0	0.000494	1302.53918	2032.97546
2047.0	0.000494	1302.37854	2072.07178
2082.0	0.000473	1302.21753	2124.68481
2208.0	0.000453	1302.05652	2186.88208
2200.0	0.000453	1301.89526	2252.19678
2295.0	0.000434	1301.73389	2312.10596
2371.0	0.000416	1301.57227	2357.84839
2351.0	0.000434	1301.41052	2382.93555
2355.0	0.000416	1301.24866	2384.44263
2304.0	0.000434	1301.08655	2363.02222
2264.0	0.000434	1300.92419	2318.92700
2216.0	0.000453	1300.76184	2256.48657
2103.0	0.000473	1300.59924	2181.56860
1995.0	0.000494	1300.43652	2101.34473
1949.0	0.000517	1300.27356	2022.42249
1867.0	0.000541	1300.11060	1949.44409
1745.0	0.000567	1299.94739	1884.82910
1676.0	0.000595	1299.78394	1829.32617
1717.0	0.000595	1299.62036	1782.86340
1649.0	0.000595	1299.45679	1745.23108
1615.0	0.000625	1299.29285	1716.38232

1622.0	0.000625	1299.12891	1696.38928
1623.0	0.000625	1298.96484	1685.28064
1656.0	0.000595	1298.80054	1682.91907
1555.0	0.000657	1298.63599	1688.93103
1577.0	0.000625	1298.47144	1702.60156
1609.0	0.000625	1298.30676	1722.68066
1628.0	0.000625	1298.14185	1747.08521
1665.0	0.000595	1297.97681	1772.63782
1624.0	0.000625	1297.81177	1795.41223
1649.0	0.000595	1297.64648	1810.49658
1698.0	0.000595	1297.48108	1814.85535
1623.0	0.000625	1297.31543	1807.47766
1604.0	0.000625	1297.14978	1789.90869
1651.0	0.000595	1296.98389	1765.26660
1632.0	0.000625	1296.81787	1738.39124
1559.0	0.000657	1296.65186	1712.78442
1562.0	0.000625	1296.48560	1691.35974
1601.0	0.000625	1296.31921	1676.04272
1590.0	0.000625	1296.15271	1668.04187
1521.0	0.000657	1295.98621	1667.55676
1573.0	0.000625	1295.81946	1674.53052
1606.0	0.000625	1295.65259	1688.16296
1598.0	0.000625	1295.48547	1706.89429
1679.0	0.000595	1295.31848	1728.27075
1701.0	0.000595	1295.15125	1749.01453
1714.0	0.000595	1294.98389	1765.50488
1662.0	0.000595	1294.81653	1774.63025
1658.0	0.000595	1294.64893	1774.52112
1706.0	0.000595	1294.48108	1764.71240
1617.0	0.000625	1294.31323	1745.89807
1585.0	0.000625	1294.14551	1719.73596
1570.0	0.000625	1293.97742	1688.67737
1558.0	0.000657	1293.80920	1655.52502
1536.0	0.000657	1293.64111	1622.80518
1507.0	0.000657	1293.47266	1592.33301
1477.0	0.000693	1293.30420	1565.15881
1428.0	0.000693	1293.13562	1542.32227
1407.0	0.000693	1292.96704	1522.90198
1415.0	0.000693	1292.79822	1507.46484
1423.0	0.000693	1292.62939	1495.99744
1444.0	0.000693	1292.46057	1488.44897
1413.0	0.000693	1292.29150	1484.82349
1370.0	0.000730	1292.12219	1484.89331
1369.0	0.000730	1291.95300	1488.65344
1484.0	0.000657	1291.78369	1496.55408
1439.0	0.000693	1291.61426	1508.08118
1490.0	0.000657	1291.44482	1521.72595
1449.0	0.000693	1291.27515	1538.41248
1479.0	0.000693	1291.10559	1556.83569
1532.0	0.000657	1290.93579	1575.53809
1526.0	0.000657	1290.76587	1593.05383
1517.0	0.000657	1290.59607	1606.64783
1548.0	0.000657	1290.42603	1615.64905
1535.0	0.000657	1290.25598	1620.34338

1535.0	0.000657	1290.08582	1622.31702
1517.0	0.000657	1289.91565	1623.71362
1479.0	0.000693	1289.74524	1626.35437
1492.0	0.000657	1289.57483	1630.82751
1548.0	0.000657	1289.40454	1637.63806
1510.0	0.000657	1289.23401	1645.36145
1533.0	0.000657	1289.06335	1652.44287
1509.0	0.000657	1288.89270	1657.48059
1535.0	0.000657	1288.72205	1659.61633
1598.0	0.000625	1288.55127	1658.41223
1581.0	0.000625	1288.38037	1653.50842
1599.0	0.000625	1288.20959	1644.66296
1556.0	0.000657	1288.03857	1632.24353
1533.0	0.000657	1287.86755	1617.52454
1520.0	0.000657	1287.69653	1602.30090
1467.0	0.000693	1287.52539	1588.00439
1514.0	0.000657	1287.35425	1575.55750
1447.0	0.000693	1287.18298	1564.66748
1443.0	0.000693	1287.01172	1554.18274
1434.0	0.000693	1286.84045	1543.64319
1439.0	0.000693	1286.66907	1531.78638
1400.0	0.000730	1286.49768	1518.03625
1439.0	0.000693	1286.32629	1502.33472
1438.0	0.000693	1286.15479	1485.18579
1353.0	0.000730	1285.98315	1467.49597
1358.0	0.000730	1285.81152	1450.24280
1366.0	0.000730	1285.64014	1434.19690
1320.0	0.000772	1285.46838	1419.80811
1283.0	0.000772	1285.29675	1407.25964
1316.0	0.000772	1285.12512	1396.54919
1357.0	0.000730	1284.95337	1387.57581
1332.0	0.000730	1284.78162	1380.18860
1350.0	0.000730	1284.60974	1374.22229
1304.0	0.000772	1284.43799	1369.60486
1310.0	0.000772	1284.26624	1365.76282
1280.0	0.000772	1284.09424	1363.16406
1285.0	0.000772	1283.92249	1361.46313
1275.0	0.000772	1283.75061	1360.59424
1300.0	0.000772	1283.57861	1360.52368
1263.0	0.000772	1283.40674	1361.24341
1289.0	0.000772	1283.23486	1362.77002
1307.0	0.000772	1283.06287	1365.14246
1308.0	0.000772	1282.89087	1368.41003
1323.0	0.000772	1282.71887	1372.62366
1297.0	0.000772	1282.54700	1377.81604
1317.0	0.000772	1282.37500	1383.98389
1305.0	0.000772	1282.20300	1391.07971
1329.0	0.000772	1282.03113	1399.04834
1294.0	0.000772	1281.85901	1407.90613
1326.0	0.000772	1281.68701	1417.83765
1387.0	0.000730	1281.51501	1429.14709
1286.0	0.000772	1281.34314	1442.16504
1406.0	0.000693	1281.17114	1457.28088
1401.0	0.000730	1280.99915	1474.36731

1476.0	0.000693	1280.82727	1492.89539
1478.0	0.000693	1280.65527	1511.77649
1496.0	0.000657	1280.48328	1529.45349
1389.0	0.000730	1280.31140	1544.26318
1335.0	0.000730	1280.13953	1555.34167
1367.0	0.000730	1279.96765	1561.63782
1428.0	0.000693	1279.79578	1562.71985
1406.0	0.000693	1279.62402	1558.79089
1371.0	0.000730	1279.45215	1549.67810
1377.0	0.000730	1279.28027	1535.56775
1380.0	0.000730	1279.10852	1517.38342
1404.0	0.000730	1278.93689	1496.69836
1373.0	0.000730	1278.76514	1475.25671
1317.0	0.000772	1278.59338	1454.50500
1398.0	0.000730	1278.42175	1435.39026
1342.0	0.000730	1278.25024	1418.39478
1329.0	0.000772	1278.07861	1403.66516
1297.0	0.000772	1277.90698	1391.14087
1270.0	0.000772	1277.73560	1380.65417
1284.0	0.000772	1277.56409	1371.49976
1323.0	0.000772	1277.39270	1364.41211
1280.0	0.000772	1277.22119	1358.67493
1321.0	0.000772	1277.05005	1354.07690
1284.0	0.000772	1276.87866	1350.43225
1306.0	0.000772	1276.70740	1347.58337
1318.0	0.000772	1276.53638	1345.39905
1314.0	0.000772	1276.36511	1343.77527
1292.0	0.000772	1276.19409	1342.63159
1265.0	0.000772	1276.02307	1341.90747
1286.0	0.000772	1275.85217	1341.56006
1234.0	0.000816	1275.68115	1341.55872
1193.0	0.000816	1275.51038	1341.88623
1331.0	0.000772	1275.33960	1342.45398
1296.0	0.000772	1275.16882	1343.26318
1254.0	0.000816	1274.99817	1344.57190
1307.0	0.000772	1274.82751	1346.22754
1277.0	0.000772	1274.65723	1348.25464
1293.0	0.000772	1274.48669	1350.68909
1319.0	0.000772	1274.31628	1353.57568
1286.0	0.000772	1274.14600	1356.97815
1265.0	0.000772	1273.97583	1360.97754
1286.0	0.000772	1273.80566	1365.68420
1341.0	0.000730	1273.63562	1370.80969
1293.0	0.000772	1273.46570	1377.42151
1315.0	0.000772	1273.29578	1385.33716
1361.0	0.000730	1273.12585	1394.88794
1349.0	0.000730	1272.95618	1406.31604
1347.0	0.000730	1272.78662	1420.56201
1348.0	0.000730	1272.61707	1437.95374
1410.0	0.000693	1272.44751	1459.25989
1485.0	0.000657	1272.27832	1485.26404
1464.0	0.000693	1272.10901	1516.91675
1536.0	0.000657	1271.93982	1554.69043
1540.0	0.000657	1271.77063	1599.33875

1682.0	0.000595	1271.60181	1651.15576
1639.0	0.000625	1271.43286	1709.84436
1652.0	0.000595	1271.26404	1774.07117
1734.0	0.000567	1271.09546	1840.93970
1815.0	0.000541	1270.92688	1904.74158
1863.0	0.000541	1270.75842	1959.03369
1899.0	0.000517	1270.59009	1994.74658
1951.0	0.000517	1270.42188	2005.16907
1885.0	0.000541	1270.25378	1988.36108
1773.0	0.000567	1270.08569	1948.90295
1746.0	0.000567	1269.91785	1894.70630
1635.0	0.000625	1269.75012	1834.23853
1674.0	0.000595	1269.58252	1774.24219
1640.0	0.000625	1269.41492	1719.08020
1507.0	0.000657	1269.24756	1671.34583
1458.0	0.000693	1269.08032	1631.61450
1518.0	0.000657	1268.91309	1600.47803
1523.0	0.000657	1268.74597	1577.68665
1482.0	0.000693	1268.57922	1562.81177
1570.0	0.000625	1268.41248	1555.29553
1448.0	0.000693	1268.24573	1554.49890
1448.0	0.000693	1268.07935	1559.69202
1513.0	0.000657	1267.91296	1569.98254
1514.0	0.000657	1267.74670	1584.17383
1493.0	0.000657	1267.58057	1600.89233
1568.0	0.000625	1267.41479	1617.26758
1578.0	0.000625	1267.24890	1630.93860
1571.0	0.000625	1267.08325	1639.49561
1503.0	0.000657	1266.91785	1641.50586
1512.0	0.000657	1266.75244	1637.87720
1561.0	0.000625	1266.58716	1630.23303
1448.0	0.000693	1266.42212	1621.37842
1506.0	0.000657	1266.25732	1613.28894
1443.0	0.000693	1266.09253	1607.19775
1574.0	0.000625	1265.92798	1603.42041
1482.0	0.000693	1265.76343	1601.34412
1519.0	0.000657	1265.59924	1599.83069
1531.0	0.000657	1265.43506	1597.75403
1508.0	0.000657	1265.27112	1594.64648
1435.0	0.000693	1265.10742	1591.03760
1515.0	0.000657	1264.94373	1588.24646
1473.0	0.000693	1264.78027	1587.86475
1532.0	0.000657	1264.61694	1591.38855
1566.0	0.000625	1264.45398	1599.90686
1642.0	0.000595	1264.29102	1614.15320
1604.0	0.000625	1264.12817	1635.59326
1664.0	0.000595	1263.96570	1664.59912
1762.0	0.000567	1263.80322	1702.05371
1728.0	0.000567	1263.64099	1748.54346
1869.0	0.000541	1263.47888	1805.10571
1915.0	0.000517	1263.31714	1871.88037
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1940.0	0.000517	1262.99390	2033.81970
2090.0	0.000473	1262.83264	2125.05396

2315.0	0.000434	1262.67151	2218.83105
2447.0	0.000416	1262.51050	2311.40088
2495.0	0.000400	1262.34973	2401.20313
2499.0	0.000400	1262.18921	2489.08911
2611.0	0.000384	1262.02893	2577.45239
2652.0	0.000384	1261.86865	2667.70386
2863.0	0.0003429	1261.70862	2757.67700
2783.0	0.000356	1261.54895	2840.40234
2912.0	0.0003429	1261.38940	2905.09888
2982.0	0.0003306	1261.22998	2940.55737
2873.0	0.0003429	1261.07092	2939.61060
2874.0	0.0003429	1260.91199	2901.97974
2846.0	0.000356	1260.75317	2833.48535
2649.0	0.000384	1260.59460	2742.29175
2576.0	0.000384	1260.43640	2635.25513
2403.0	0.000416	1260.27832	2517.02319
2334.0	0.000434	1260.12036	2391.42505
2258.0	0.000434	1259.96277	2264.05176
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1685.0	0.000595	1259.17761	1753.60107
1667.0	0.000595	1259.02124	1688.39026
1671.0	0.000595	1258.86511	1634.36707
1517.0	0.000657	1258.70923	1589.05847
1526.0	0.000657	1258.55347	1551.74707
1503.0	0.000657	1258.39807	1520.93896
1440.0	0.000693	1258.24292	1495.46155
1427.0	0.000693	1258.08789	1474.44397
1466.0	0.000693	1257.93311	1456.67029
1367.0	0.000730	1257.77856	1441.87878
1382.0	0.000730	1257.62439	1429.75256
1389.0	0.000730	1257.47034	1419.21008
1330.0	0.000772	1257.31653	1410.76624
1367.0	0.000730	1257.16309	1403.25537
1315.0	0.000772	1257.00977	1396.99585
1324.0	0.000772	1256.85657	1391.80664
1281.0	0.000772	1256.70374	1387.79419
1264.0	0.000772	1256.55127	1384.85559
1324.0	0.000772	1256.39893	1382.92334
1298.0	0.000772	1256.24683	1382.16284
1361.0	0.000730	1256.09509	1382.53735
1288.0	0.000772	1255.94360	1384.08289
1240.0	0.000816	1255.79224	1386.82031
1268.0	0.000772	1255.64111	1390.73474
1308.0	0.000772	1255.49048	1395.74121
1311.0	0.000772	1255.33984	1401.63037
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1338.0	0.000730	1255.03967	1414.21606
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1313.0	0.000772	1254.74036	1422.70862
1310.0	0.000772	1254.59119	1423.51782
1400.0	0.000730	1254.44226	1421.91333

1388.0	0.000730	1254.29358	1418.42151
1343.0	0.000730	1254.14514	1413.99548
1359.0	0.000730	1253.99707	1409.62769
1331.0	0.000772	1253.84924	1406.08923
1360.0	0.000730	1253.70166	1403.93176
1360.0	0.000730	1253.55432	1403.54102
1380.0	0.000730	1253.40735	1405.21533
1358.0	0.000730	1253.26062	1409.22192
1353.0	0.000730	1253.11414	1415.83569
1406.0	0.000730	1252.96790	1425.36133
1387.0	0.000730	1252.82214	1438.13318
1399.0	0.000730	1252.67639	1454.51331
1445.0	0.000693	1252.53113	1474.88049
1486.0	0.000657	1252.38611	1499.79590
1509.0	0.000657	1252.24133	1529.33496
1548.0	0.000657	1252.09680	1564.03271
1605.0	0.000625	1251.95264	1604.11475
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1717.0	0.000595	1251.66528	1699.11523
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1794.0	0.000567	1251.23633	1846.61902
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1915.0	0.000517	1250.81006	1882.64307
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1801.0	0.000567	1250.52734	1812.14233
1748.0	0.000567	1250.38635	1760.99109
1653.0	0.000595	1250.24585	1707.37109
1663.0	0.000595	1250.10559	1655.25842
1555.0	0.000657	1249.96558	1607.17297
1505.0	0.000657	1249.82605	1564.37244
1507.0	0.000657	1249.68665	1527.28455
1472.0	0.000693	1249.54761	1495.84717
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1394.0	0.000730	1249.27051	1448.66284
1468.0	0.000693	1249.13245	1431.77051
1428.0	0.000693	1248.99463	1418.76001
1368.0	0.000730	1248.85730	1409.20520
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1367.0	0.000730	1248.58325	1399.13306
1349.0	0.000730	1248.44678	1398.15564
1354.0	0.000730	1248.31067	1399.69666
1347.0	0.000730	1248.17480	1403.67700
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1391.0	0.000730	1247.90417	1418.92322
1367.0	0.000730	1247.76929	1429.60962
1388.0	0.000730	1247.63477	1441.93640
1374.0	0.000730	1247.50049	1455.14111
1432.0	0.000693	1247.36670	1468.00879
1434.0	0.000693	1247.23315	1478.89722
1408.0	0.000693	1247.09998	1486.18555
1378.0	0.000730	1246.96704	1488.39575
1385.0	0.000730	1246.83459	1485.52734

1388.0	0.000730	1246.70239	1478.66101
1383.0	0.000730	1246.57043	1469.60486
1453.0	0.000693	1246.43909	1460.23242
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1440.0	0.000693	1245.91638	1442.78845
1453.0	0.000693	1245.78662	1445.98804
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1567.0	0.000625	1244.88770	1517.14246
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1596.0	0.000625	1244.50769	1537.57922
1575.0	0.000625	1244.38171	1541.26428
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1579.0	0.000625	1244.13086	1550.36011
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1586.0	0.000625	1243.88147	1571.15454
1599.0	0.000625	1243.75732	1587.07922
1587.0	0.000625	1243.63354	1605.74915
1591.0	0.000625	1243.51001	1624.92542
1549.0	0.000657	1243.38696	1643.16858
1639.0	0.000625	1243.26428	1658.37646
1584.0	0.000625	1243.14197	1668.72314
1621.0	0.000625	1243.01990	1674.27014
1581.0	0.000625	1242.89832	1675.74939
1638.0	0.000625	1242.77710	1673.98840
1566.0	0.000625	1242.65613	1669.55762
1633.0	0.000625	1242.53564	1663.02112
1588.0	0.000625	1242.41553	1655.38000
1523.0	0.000657	1242.29578	1648.17712
1557.0	0.000657	1242.17627	1643.11316
1571.0	0.000625	1242.05725	1641.47559
1582.0	0.000625	1241.93872	1643.65894
1567.0	0.000625	1241.82031	1648.87427
1604.0	0.000625	1241.70239	1655.03174
1541.0	0.000657	1241.58496	1658.94373
1614.0	0.000625	1241.46777	1657.09985
1581.0	0.000625	1241.35095	1647.06995
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1475.0	0.000693	1241.11853	1602.81506
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1497.0	0.000657	1240.88757	1543.66504
1404.0	0.000730	1240.77271	1515.63135
1468.0	0.000693	1240.65820	1490.70410
1413.0	0.000693	1240.54407	1469.59229
1398.0	0.000730	1240.43030	1452.55786
1351.0	0.000730	1240.31702	1439.60376
1395.0	0.000730	1240.20398	1430.59314

1366.0	0.000730	1240.09143	1425.31006
1412.0	0.000693	1239.97913	1423.48254
1344.0	0.000730	1239.86743	1424.67493
1380.0	0.000730	1239.75598	1428.71362
1368.0	0.000730	1239.64490	1434.97998
1379.0	0.000730	1239.53430	1442.84338
1380.0	0.000730	1239.42395	1451.56262
1408.0	0.000693	1239.31409	1460.32910
1375.0	0.000730	1239.20459	1468.33997
1412.0	0.000693	1239.09558	1474.91199
1424.0	0.000693	1238.98682	1479.69006
1411.0	0.000693	1238.87842	1482.86951
1443.0	0.000693	1238.77063	1485.20300
1406.0	0.000693	1238.66309	1487.70190
1377.0	0.000730	1238.55591	1491.19434
1447.0	0.000693	1238.44910	1495.99597
1438.0	0.000693	1238.34277	1501.71106
1471.0	0.000693	1238.23682	1507.30444
1483.0	0.000657	1238.13123	1511.30530
1453.0	0.000693	1238.02612	1512.33032
1446.0	0.000693	1237.92139	1509.15540
1428.0	0.000693	1237.81702	1503.33789
1515.0	0.000657	1237.71301	1495.62988
1437.0	0.000693	1237.60950	1487.70349
1470.0	0.000693	1237.50635	1481.08521
1415.0	0.000693	1237.40356	1476.85938
1417.0	0.000693	1237.30115	1475.96680
1437.0	0.000693	1237.19922	1478.32800
1460.0	0.000693	1237.09766	1485.40649
1506.0	0.000657	1236.99646	1496.21130
1495.0	0.000657	1236.89575	1512.37439
1532.0	0.000657	1236.79529	1533.14136
1573.0	0.000625	1236.69531	1558.36157
1511.0	0.000657	1236.59570	1587.55017
1592.0	0.000625	1236.49658	1619.48328
1665.0	0.000595	1236.39783	1654.11548
1685.0	0.000595	1236.29956	1690.37732
1729.0	0.000567	1236.20166	1728.26611
1776.0	0.000567	1236.10400	1768.34021
1834.0	0.000541	1236.00696	1811.12939
1906.0	0.000517	1235.91016	1856.36401
1969.0	0.000517	1235.81384	1902.55786
1979.0	0.000517	1235.71802	1947.32361
2080.0	0.000473	1235.62244	1988.43347
2026.0	0.000494	1235.52734	2025.04358
2042.0	0.000494	1235.43262	2058.10327
2069.0	0.000494	1235.33838	2089.48950
2069.0	0.000494	1235.24451	2120.46069
2059.0	0.000494	1235.15100	2150.43677
2095.0	0.000473	1235.05798	2176.59912
2073.0	0.000473	1234.96533	2194.28638
1998.0	0.000494	1234.87305	2198.12598
2046.0	0.000494	1234.78125	2183.53174
1971.0	0.000517	1234.68982	2148.74878

1929.0	0.000517	1234.59875	2095.55786
1954.0	0.000517	1234.50818	2028.83289
1808.0	0.000541	1234.41797	1954.99731
1778.0	0.000567	1234.32825	1880.06030
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1735.0	0.000567	1234.14990	1743.99963
1697.0	0.000595	1234.06128	1687.31921
1616.0	0.000625	1233.97314	1639.17334
1622.0	0.000625	1233.88550	1599.40918
1559.0	0.000657	1233.79810	1567.52966
1521.0	0.000657	1233.71118	1542.86389
1493.0	0.000657	1233.62476	1524.66833
1497.0	0.000657	1233.53870	1512.16675
1474.0	0.000693	1233.45300	1504.55151
1523.0	0.000657	1233.36768	1500.94348
1491.0	0.000657	1233.28284	1500.33533
1448.0	0.000693	1233.19849	1501.47314
1564.0	0.000625	1233.11438	1503.32666
1519.0	0.000657	1233.03076	1504.77490
1528.0	0.000657	1232.94763	1505.41663
1505.0	0.000657	1232.86487	1505.61658
1553.0	0.000657	1232.78247	1506.36951
1516.0	0.000657	1232.70044	1508.92407
1544.0	0.000657	1232.61902	1514.45386
1564.0	0.000625	1232.53784	1523.90308
1565.0	0.000625	1232.45703	1537.95715
1634.0	0.000625	1232.37683	1557.04138
1615.0	0.000625	1232.29688	1581.27979
1722.0	0.000567	1232.21741	1610.39844
1721.0	0.000595	1232.13831	1643.61853
1749.0	0.000567	1232.05969	1680.05457
1776.0	0.000567	1231.98145	1717.47876
1785.0	0.000567	1231.90356	1755.09863
1912.0	0.000517	1231.82617	1792.63428
1955.0	0.000517	1231.74927	1830.41028
1884.0	0.000541	1231.67261	1868.59814
1949.0	0.000517	1231.59644	1906.18726
2006.0	0.000494	1231.52063	1940.45325
1988.0	0.000494	1231.44531	1967.34705
2007.0	0.000494	1231.37036	1982.75452
2025.0	0.000494	1231.29578	1983.98132
1925.0	0.000517	1231.22168	1970.59753
1934.0	0.000517	1231.14795	1943.45898
1857.0	0.000541	1231.07471	1907.33484
1820.0	0.000541	1231.00183	1865.75171
1809.0	0.000541	1230.92932	1823.24207
1712.0	0.000595	1230.85730	1783.75745
1749.0	0.000567	1230.78564	1750.07031
1645.0	0.000595	1230.71436	1723.59619
1642.0	0.000595	1230.64355	1704.46594
1667.0	0.000595	1230.57312	1691.68384
1633.0	0.000625	1230.50317	1683.34399
1656.0	0.000595	1230.43347	1677.08606
1639.0	0.000625	1230.36426	1670.89807

1668.0	0.000595	1230.29553	1663.93506
1657.0	0.000595	1230.22717	1656.83423
1685.0	0.000595	1230.15918	1651.18933
1600.0	0.000625	1230.09167	1648.65662
1613.0	0.000625	1230.02454	1650.23010
1624.0	0.000625	1229.95776	1655.86584
1653.0	0.000595	1229.89148	1664.36426
1683.0	0.000595	1229.82544	1673.48022
1673.0	0.000595	1229.76001	1680.42053
1658.0	0.000595	1229.69482	1683.14343
1693.0	0.000595	1229.63013	1679.99219
1680.0	0.000595	1229.56580	1672.07202
1692.0	0.000595	1229.50195	1661.19531
1645.0	0.000595	1229.43848	1649.10242
1643.0	0.000595	1229.37537	1636.75208
1622.0	0.000625	1229.31274	1624.37695
1590.0	0.000625	1229.25037	1611.91077
1597.0	0.000625	1229.18848	1600.30139
1632.0	0.000625	1229.12708	1590.52478
1623.0	0.000625	1229.06604	1583.94812
1586.0	0.000625	1229.00537	1581.53650
1530.0	0.000657	1228.94507	1583.69714
1591.0	0.000625	1228.88525	1590.01685
1640.0	0.000625	1228.82568	1599.27747
1688.0	0.000595	1228.76660	1609.60278
1573.0	0.000625	1228.70801	1618.88635
1665.0	0.000595	1228.64978	1625.47595
1646.0	0.000595	1228.59192	1628.76001
1707.0	0.000595	1228.53442	1629.24048
1703.0	0.000595	1228.47729	1628.06055
1614.0	0.000625	1228.42065	1626.30432
1652.0	0.000595	1228.36438	1624.81738
1550.0	0.000657	1228.30847	1623.78467
1521.0	0.000657	1228.25305	1623.06262
1528.0	0.000657	1228.19800	1622.15552
1647.0	0.000595	1228.14331	1620.04883
1637.0	0.000625	1228.08899	1615.92725
1580.0	0.000625	1228.03503	1608.74048
1577.0	0.000625	1227.98157	1598.33777
1561.0	0.000625	1227.92847	1585.54138
1572.0	0.000625	1227.87573	1571.81677
1557.0	0.000657	1227.82336	1558.63647
1527.0	0.000657	1227.77136	1546.96460
1430.0	0.000693	1227.71985	1536.73340
1494.0	0.000657	1227.66870	1527.17834
1418.0	0.000693	1227.61792	1516.90857
1478.0	0.000693	1227.56750	1504.31775
1419.0	0.000693	1227.51758	1489.19666
1388.0	0.000730	1227.46790	1471.67029
1461.0	0.000693	1227.41870	1452.91113
1352.0	0.000730	1227.36987	1434.34058
1418.0	0.000693	1227.32141	1416.96631
1290.0	0.000772	1227.27332	1401.96423
1387.0	0.000730	1227.22559	1389.54956

1357.0	0.000730	1227.17834	1379.84863
1353.0	0.000730	1227.13135	1372.79297
1307.0	0.000772	1227.08484	1368.16138
1363.0	0.000730	1227.03870	1365.58154
1344.0	0.000730	1226.99292	1364.49719
1335.0	0.000730	1226.94751	1364.52063
1283.0	0.000772	1226.90247	1363.93701
1317.0	0.000772	1226.85779	1361.83643
1357.0	0.000730	1226.81348	1358.10925
1337.0	0.000730	1226.76953	1352.24597
1383.0	0.000730	1226.72607	1344.60645
1321.0	0.000772	1226.68286	1336.29395
1318.0	0.000772	1226.64014	1327.24231
1347.0	0.000730	1226.59766	1318.43262
1349.0	0.000730	1226.55566	1310.25354
1274.0	0.000772	1226.51392	1302.97144
1285.0	0.000772	1226.47266	1296.50012
1230.0	0.000816	1226.43176	1290.82507
1220.0	0.000816	1226.39111	1285.95911
1238.0	0.000816	1226.35095	1281.83301
1262.0	0.000772	1226.31104	1278.36987
1242.0	0.000816	1226.27161	1275.48999
1271.0	0.000772	1226.23254	1273.12207
1253.0	0.000816	1226.19373	1271.20081
1276.0	0.000772	1226.15540	1269.67090
1212.0	0.000816	1226.11743	1268.44250
1263.0	0.000772	1226.07971	1267.57043
1233.0	0.000816	1226.04236	1266.97815
1188.0	0.000865	1226.00549	1266.63953
1244.0	0.000816	1225.96887	1266.44360
1232.0	0.000816	1225.93262	1266.51636
1305.0	0.000772	1225.89673	1266.91711
1249.0	0.000816	1225.86121	1267.19092
1207.0	0.000816	1225.82605	1267.45520
1236.0	0.000816	1225.79126	1267.65259
1244.0	0.000816	1225.75671	1267.77271
1261.0	0.000772	1225.72266	1267.86792
1264.0	0.000772	1225.68884	1268.03284
1268.0	0.000772	1225.65552	1268.35522
1310.0	0.000772	1225.62244	1268.96777
1249.0	0.000816	1225.58972	1269.90955
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1281.0	0.000772	1225.40051	1281.37939
1272.0	0.000772	1225.37012	1283.12231
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1248.0	0.000816	1225.25220	1281.88928
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1287.0	0.000772	1225.19519	1277.68848

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1339.0	0.000730	1224.74023	1318.28967
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1366.0	0.000730	1224.65295	1317.12842
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1344.0	0.000730	1224.43750	1297.83398
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1279.0	0.000772	1224.38477	1312.98718
1299.0	0.000772	1224.36780	1321.40308
1379.0	0.000730	1224.35107	1331.81860
1362.0	0.000730	1224.33472	1344.70789
1362.0	0.000730	1224.31848	1360.25134
1362.0	0.000730	1224.30261	1378.68835
1461.0	0.000693	1224.28699	1400.16724
1392.0	0.000730	1224.27173	1424.66467
1473.0	0.000693	1224.25659	1451.84875
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1323.0	0.000772	1223.99084	1339.75146
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1323.0	0.000772	1223.96387	1339.18311
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1328.0	0.000772	1223.94690	1349.31116
1303.0	0.000772	1223.93884	1357.72266
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1581.0	0.000625	1223.79761	1637.32471
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1776.0	0.000567	1223.80945	1810.72449
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1780.0	0.000567	1223.82092	1807.69714
1762.0	0.000567	1223.82410	1783.14526
1695.0	0.000595	1223.82727	1750.41614
1649.0	0.000595	1223.83057	1712.43213
1655.0	0.000595	1223.83398	1671.66138
1667.0	0.000595	1223.83752	1630.87402
1590.0	0.000625	1223.84106	1592.04578
1578.0	0.000625	1223.84485	1556.60986
1512.0	0.000657	1223.84863	1525.52966
1506.0	0.000657	1223.85242	1499.50171
1500.0	0.000657	1223.85645	1478.46045
1475.0	0.000693	1223.86047	1462.49500
1455.0	0.000693	1223.86450	1451.36865
1456.0	0.000693	1223.86877	1444.69971
1464.0	0.000693	1223.87305	1441.97241
1513.0	0.000657	1223.87732	1442.50049
1513.0	0.000657	1223.88184	1445.36121
1515.0	0.000657	1223.88623	1449.33350
1537.0	0.000657	1223.89075	1452.91443
1513.0	0.000657	1223.89539	1454.51685
1453.0	0.000693	1223.90015	1452.86145
1502.0	0.000657	1223.90479	1447.40723
1469.0	0.000693	1223.90967	1438.52588
1443.0	0.000693	1223.91443	1427.27148

1466.0	0.000693	1223.91943	1414.97083
1377.0	0.000730	1223.92432	1402.76782
1459.0	0.000693	1223.92932	1391.47290
1364.0	0.000730	1223.93445	1381.53564
1336.0	0.000730	1223.93958	1373.11267
1342.0	0.000730	1223.94470	1366.15881
1373.0	0.000730	1223.94995	1360.52502
1334.0	0.000730	1223.95508	1356.05859
1339.0	0.000730	1223.96045	1352.69263
1327.0	0.000772	1223.96570	1350.49988
1367.0	0.000730	1223.97107	1349.65222
1335.0	0.000730	1223.97644	1350.38574
1321.0	0.000772	1223.98193	1352.92371
1364.0	0.000730	1223.98730	1357.47192
1351.0	0.000730	1223.99280	1364.15002
1355.0	0.000730	1223.99829	1373.27893
1413.0	0.000693	1224.00378	1384.52417
1378.0	0.000730	1224.00940	1397.91602
1438.0	0.000693	1224.01489	1413.12207
1434.0	0.000693	1224.02051	1429.49573
1412.0	0.000693	1224.02612	1445.98584
1417.0	0.000693	1224.03174	1461.12878
1460.0	0.000693	1224.03735	1473.19897
1419.0	0.000693	1224.04297	1480.54932
1430.0	0.000693	1224.04858	1482.04578
1432.0	0.000693	1224.05420	1477.41064
1509.0	0.000657	1224.05981	1467.32825
1385.0	0.000730	1224.06543	1453.19751
1392.0	0.000730	1224.07104	1436.78235
1423.0	0.000693	1224.07666	1419.73450
1405.0	0.000730	1224.08228	1403.34875
1380.0	0.000730	1224.08789	1388.49792
1376.0	0.000730	1224.09351	1375.69910
1392.0	0.000730	1224.09912	1365.22217
1378.0	0.000730	1224.10461	1357.18384
1359.0	0.000730	1224.11023	1351.56726
1367.0	0.000730	1224.11572	1348.52881
1364.0	0.000730	1224.12122	1347.86780
1368.0	0.000730	1224.12671	1349.61646
1366.0	0.000730	1224.13220	1353.69189
1388.0	0.000730	1224.13770	1360.35925
1322.0	0.000772	1224.14307	1369.01575
1384.0	0.000730	1224.14844	1379.68933
1427.0	0.000693	1224.15381	1392.01379
1403.0	0.000730	1224.15918	1405.34888
1448.0	0.000693	1224.16443	1418.68115
1452.0	0.000693	1224.16956	1430.58704
1488.0	0.000657	1224.17480	1439.47388
1442.0	0.000693	1224.17993	1443.62048
1482.0	0.000693	1224.18506	1442.25037
1407.0	0.000693	1224.19006	1435.54248
1431.0	0.000693	1224.19507	1424.63135
1394.0	0.000730	1224.20007	1411.14514
1419.0	0.000693	1224.20496	1396.67834

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1401.0	0.000730	1224.21460	1369.37195
1349.0	0.000730	1224.21924	1357.97131
1293.0	0.000772	1224.22400	1348.17017
1309.0	0.000772	1224.22852	1340.15430
1310.0	0.000772	1224.23315	1333.85254
1307.0	0.000772	1224.23755	1329.10229
1280.0	0.000772	1224.24194	1325.71680
1307.0	0.000772	1224.24622	1323.49878
1300.0	0.000772	1224.25049	1322.29004
1336.0	0.000730	1224.25464	1322.02893
1287.0	0.000772	1224.25879	1322.77197
1314.0	0.000772	1224.26282	1324.68018
1299.0	0.000772	1224.26672	1327.97778
1297.0	0.000772	1224.27051	1332.91248
1334.0	0.000730	1224.27429	1339.72766
1364.0	0.000730	1224.27795	1348.64868
1389.0	0.000730	1224.28149	1359.86621
1353.0	0.000730	1224.28491	1373.50842
1347.0	0.000730	1224.28833	1389.59558
1392.0	0.000730	1224.29163	1408.11279
1330.0	0.000772	1224.29480	1428.27405
1398.0	0.000730	1224.29785	1449.29504
1421.0	0.000693	1224.30090	1469.65808
1400.0	0.000730	1224.30371	1487.67908
1440.0	0.000693	1224.30652	1500.71680
1489.0	0.000657	1224.30920	1506.69421
1438.0	0.000693	1224.31177	1505.28821
1408.0	0.000693	1224.31409	1497.10815
1447.0	0.000693	1224.31653	1483.64185
1449.0	0.000693	1224.31860	1466.64709
1373.0	0.000730	1224.32068	1447.71619
1366.0	0.000730	1224.32263	1428.12024
1323.0	0.000772	1224.32458	1408.84119
1322.0	0.000772	1224.32617	1390.57178
1315.0	0.000772	1224.32776	1373.83118
1321.0	0.000772	1224.32922	1358.91736
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1269.0	0.000772	1224.33167	1334.90210
1327.0	0.000772	1224.33276	1325.66125
1290.0	0.000772	1224.33362	1318.05664
1297.0	0.000772	1224.33447	1311.92285
1272.0	0.000772	1224.33508	1307.02954
1230.0	0.000816	1224.33557	1303.22473
1265.0	0.000772	1224.33582	1300.35889
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1282.0	0.000772	1224.33594	1296.63159
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1269.0	0.000772	1224.33069	1308.74634
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1332.0	0.000772	1224.32776	1318.92920
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1319.0	0.000772	1224.32190	1343.37561
1337.0	0.000730	1224.31958	1354.66711
1374.0	0.000730	1224.31714	1367.82751
1431.0	0.000693	1224.31458	1382.98987
1384.0	0.000730	1224.31177	1400.19543
1434.0	0.000693	1224.30872	1419.44434
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1467.0	0.000693	1224.30212	1461.55090
1516.0	0.000657	1224.29858	1482.70239
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1529.0	0.000657	1224.29077	1519.36829
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1576.0	0.000625	1224.28223	1545.74451
1644.0	0.000595	1224.27771	1557.01465
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1561.0	0.000625	1224.25183	1625.26245
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1631.0	0.000625	1224.22058	1619.05530
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1617.0	0.000625	1224.15894	1621.64319
1635.0	0.000625	1224.15015	1635.11890
1627.0	0.000625	1224.14124	1646.74866
1611.0	0.000625	1224.13196	1653.69861
1622.0	0.000625	1224.12256	1654.82629
1571.0	0.000625	1224.11279	1650.75061
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1586.0	0.000625	1224.09265	1634.97864
1578.0	0.000625	1224.08215	1628.45007
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1558.0	0.000657	1224.06055	1626.64185
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1341.0	0.000730	1223.43958	1356.40723
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1373.0	0.000730	1223.39490	1338.06189
1305.0	0.000772	1223.37207	1331.23267
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1277.0	0.000772	1223.20337	1311.79773
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1283.0	0.000772	1222.87585	1342.23999
1316.0	0.000772	1222.84631	1346.06250

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1318.0	0.000772	1222.42981	1388.58398
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1395.0	0.000730	1222.36023	1421.75623
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1566.0	0.000625	1221.79041	1546.33154
1571.0	0.000625	1221.74939	1537.10205
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1755.0	0.000567	1221.31702	1774.07166
1797.0	0.000567	1221.27161	1825.19934
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1494.0	0.000657	1216.96326	1573.36646
1483.0	0.000657	1216.88672	1569.73169
1489.0	0.000657	1216.80969	1559.63342
1556.0	0.000657	1216.73230	1543.32849
1469.0	0.000693	1216.65430	1522.75867
1496.0	0.000657	1216.57593	1500.06323
1467.0	0.000693	1216.49719	1477.16528
1449.0	0.000693	1216.41785	1455.47693
1389.0	0.000730	1216.33801	1435.88562
1361.0	0.000730	1216.25781	1418.87280
1398.0	0.000730	1216.17725	1404.72864
1382.0	0.000730	1216.09607	1393.47961
1388.0	0.000730	1216.01453	1384.99817
1348.0	0.000730	1215.93250	1379.28455
1324.0	0.000772	1215.85010	1376.35010
1374.0	0.000730	1215.76709	1376.22888
1330.0	0.000772	1215.68372	1378.87231
1370.0	0.000730	1215.59985	1384.37646
1398.0	0.000730	1215.51550	1392.82385
1405.0	0.000730	1215.43079	1404.30298
1375.0	0.000730	1215.34546	1418.87939
1421.0	0.000693	1215.25989	1436.54810
1494.0	0.000657	1215.17371	1457.15454
1535.0	0.000657	1215.08704	1480.28113
1476.0	0.000693	1215.00012	1505.08447
1543.0	0.000657	1214.91248	1530.13464
1478.0	0.000693	1214.82446	1553.36731
1553.0	0.000657	1214.73608	1572.30798
1587.0	0.000625	1214.64722	1584.71301
1590.0	0.000625	1214.55786	1589.42712
1574.0	0.000625	1214.46802	1586.96265
1589.0	0.000625	1214.37781	1579.13977
1574.0	0.000625	1214.28699	1569.16370
1534.0	0.000657	1214.19580	1559.35962
1537.0	0.000657	1214.10413	1552.36902
1567.0	0.000625	1214.01208	1548.75244
1522.0	0.000657	1213.91943	1549.30530
1588.0	0.000625	1213.82642	1553.83789
1580.0	0.000625	1213.73291	1561.47156
1561.0	0.000625	1213.63892	1570.66516
1607.0	0.000625	1213.54456	1579.36475
1655.0	0.000595	1213.44971	1585.38379
1606.0	0.000625	1213.35437	1586.95959
1567.0	0.000625	1213.25854	1583.20862
1620.0	0.000625	1213.16223	1574.16614
1573.0	0.000625	1213.06555	1560.44543
1560.0	0.000657	1212.96838	1542.84094
1534.0	0.000657	1212.87073	1522.30481
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1416.0	0.000693	1212.67419	1475.78137

1441.0	0.000693	1212.57520	1452.17041
1436.0	0.000693	1212.47571	1429.66760
1411.0	0.000693	1212.37573	1409.02271
1368.0	0.000730	1212.27539	1390.66504
1362.0	0.000730	1212.17456	1374.77893
1339.0	0.000730	1212.07324	1361.38196
1346.0	0.000730	1211.97144	1350.39380
1385.0	0.000730	1211.86926	1341.68774
1335.0	0.000730	1211.76660	1335.14185
1351.0	0.000730	1211.66345	1330.55505
1411.0	0.000693	1211.55994	1327.79797
1289.0	0.000772	1211.45581	1326.70923
1283.0	0.000772	1211.35132	1327.10266
1307.0	0.000772	1211.24634	1328.73999
1326.0	0.000772	1211.14099	1331.29407
1381.0	0.000730	1211.03516	1334.45837
1328.0	0.000772	1210.92883	1337.24268
1335.0	0.000730	1210.82202	1339.35132
1317.0	0.000772	1210.71484	1340.12964
1344.0	0.000730	1210.60706	1339.33032
1322.0	0.000772	1210.49902	1337.12122
1327.0	0.000772	1210.39038	1334.00183
1272.0	0.000772	1210.28137	1330.60632
1295.0	0.000772	1210.17188	1327.50586
1355.0	0.000730	1210.06201	1325.09875
1361.0	0.000730	1209.95154	1323.33118
1328.0	0.000772	1209.84070	1322.73682
1317.0	0.000772	1209.72937	1323.02795
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1273.0	0.000772	1209.50549	1324.84192
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1253.0	0.000816	1209.27979	1326.32898
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1304.0	0.000772	1209.05225	1326.59338
1274.0	0.000772	1208.93774	1325.66174
1320.0	0.000772	1208.82300	1323.87634
1333.0	0.000730	1208.70752	1321.26599
1280.0	0.000772	1208.59180	1318.02844
1292.0	0.000772	1208.47559	1314.51099
1281.0	0.000772	1208.35889	1311.13232
1315.0	0.000772	1208.24182	1308.29065
1311.0	0.000772	1208.12427	1306.30847
1286.0	0.000772	1208.00635	1305.42078
1337.0	0.000730	1207.88782	1305.78723
1293.0	0.000772	1207.76892	1307.50793
1292.0	0.000772	1207.64966	1310.63977
1260.0	0.000772	1207.52991	1315.18884
1266.0	0.000772	1207.40967	1321.09875
1337.0	0.000730	1207.28894	1328.21777
1285.0	0.000772	1207.16797	1336.26904
1339.0	0.000730	1207.04651	1344.82996
1307.0	0.000772	1206.92444	1353.37390
1316.0	0.000772	1206.80212	1361.37781
1336.0	0.000730	1206.67932	1368.48120

1356.0	0.000730	1206.55603	1374.59814
1338.0	0.000730	1206.43225	1379.87329
1321.0	0.000772	1206.30823	1384.51221
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1283.0	0.000772	1205.93323	1393.53796
1357.0	0.000730	1205.80737	1393.27637
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1268.0	0.000772	1203.60278	1276.07495
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1264.0	0.000772	1203.06653	1278.90527
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1259.0	0.000816	1202.52356	1294.10742
1247.0	0.000816	1202.38684	1300.42285
1316.0	0.000772	1202.24963	1308.00061
1280.0	0.000772	1202.11206	1316.78540
1276.0	0.000772	1201.97412	1327.29126
1378.0	0.000730	1201.83569	1339.41187
1349.0	0.000730	1201.69690	1353.16467
1356.0	0.000730	1201.55786	1368.56836
1418.0	0.000693	1201.41821	1385.65845
1456.0	0.000693	1201.27832	1404.55640
1404.0	0.000730	1201.13794	1425.45947
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1555.0	0.000657	1197.95178	1509.16211
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1462.0	0.000693	1196.59607	1447.39343
1437.0	0.000693	1196.44360	1439.22217
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1461.0	0.000693	1195.98413	1434.63086
1439.0	0.000693	1195.83044	1440.96326
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1472.0	0.000693	1195.52161	1466.59521
1459.0	0.000693	1195.36670	1485.74304
1467.0	0.000693	1195.21155	1508.68835
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1536.0	0.000657	1194.89990	1561.59668
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1616.0	0.000625	1194.11523	1617.57263
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1341.0	0.000730	1190.07068	1326.24927
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1425.0	0.000693	1185.49817	1421.69800
1370.0	0.000730	1185.32520	1413.20715
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1328.0	0.000772	1165.84448	1369.52563
1393.0	0.000730	1165.65771	1364.65247
1312.0	0.000772	1165.47070	1359.42981
1270.0	0.000772	1165.28381	1353.34082
1313.0	0.000772	1165.09705	1346.02844
1331.0	0.000772	1164.91003	1337.35388
1397.0	0.000730	1164.72314	1327.50635
1308.0	0.000772	1164.53625	1316.76880
1259.0	0.000816	1164.34949	1305.70850
1255.0	0.000816	1164.16260	1294.82361
1320.0	0.000772	1163.97571	1284.50598
1262.0	0.000772	1163.78882	1274.99329
1286.0	0.000772	1163.60205	1266.39294
1287.0	0.000772	1163.41528	1258.71057
1268.0	0.000772	1163.22839	1251.91321
1241.0	0.000816	1163.04175	1245.96301
1214.0	0.000816	1162.85498	1240.84094
1216.0	0.000816	1162.66833	1236.58691
1252.0	0.000816	1162.48157	1233.11169
1233.0	0.000816	1162.29504	1230.52332
1228.0	0.000816	1162.10840	1228.65125
1251.0	0.000816	1161.92175	1227.53357

1265.0	0.000772	1161.73535	1227.12292
1179.0	0.000865	1161.54883	1227.34998
1203.0	0.000816	1161.36243	1228.11743
1209.0	0.000816	1161.17590	1229.28723
1253.0	0.000816	1160.98962	1230.39172
1176.0	0.000865	1160.80334	1231.74170
1183.0	0.000865	1160.61707	1232.92993
1221.0	0.000816	1160.43103	1233.54700
1229.0	0.000816	1160.24487	1233.74072
1254.0	0.000816	1160.05872	1233.49658
1213.0	0.000816	1159.87268	1233.13989
1255.0	0.000816	1159.68689	1232.96423
1244.0	0.000816	1159.50098	1233.23743
1212.0	0.000816	1159.31519	1234.14075
1246.0	0.000816	1159.12939	1235.95068
1282.0	0.000772	1158.94385	1238.55725
1239.0	0.000816	1158.75818	1242.06445
1193.0	0.000816	1158.57275	1246.42737
1230.0	0.000816	1158.38745	1251.47595
1253.0	0.000816	1158.20203	1257.03967
1210.0	0.000816	1158.01672	1262.69934
1249.0	0.000816	1157.83167	1267.97852
1300.0	0.000772	1157.64673	1272.60828
1272.0	0.000772	1157.46167	1276.21619
1271.0	0.000772	1157.27673	1278.90503
1269.0	0.000772	1157.09216	1280.94946
1230.0	0.000816	1156.90747	1282.79346
1239.0	0.000816	1156.72278	1284.88342
1312.0	0.000772	1156.53833	1287.49841
1303.0	0.000772	1156.35413	1290.67834
1315.0	0.000772	1156.16980	1294.18079
1214.0	0.000816	1155.98560	1297.48975
1250.0	0.000816	1155.80176	1299.85510
1286.0	0.000772	1155.61780	1300.55981
1299.0	0.000772	1155.43396	1298.99792
1279.0	0.000772	1155.25037	1294.98730
1228.0	0.000816	1155.06689	1288.93542
1318.0	0.000772	1154.88342	1281.22485
1259.0	0.000816	1154.70020	1272.72302
1239.0	0.000816	1154.51697	1264.09949
1233.0	0.000816	1154.33411	1255.85400
1214.0	0.000816	1154.15112	1248.30652
1241.0	0.000816	1153.96838	1241.38745
1202.0	0.000816	1153.78589	1235.78076
1254.0	0.000816	1153.60339	1231.00830
1197.0	0.000816	1153.42102	1227.17053
1248.0	0.000816	1153.23889	1224.22839
1241.0	0.000816	1153.05701	1222.14355
1227.0	0.000816	1152.87512	1220.87817
1208.0	0.000816	1152.69336	1220.40967
1180.0	0.000865	1152.51196	1220.72839
1234.0	0.000816	1152.33057	1221.84424
1267.0	0.000772	1152.14917	1223.76941
1221.0	0.000816	1151.96814	1226.58716

1265.0	0.000772	1151.78735	1230.35156
1237.0	0.000816	1151.60657	1235.14819
1244.0	0.000816	1151.42603	1241.07959
1235.0	0.000816	1151.24573	1248.25256
1257.0	0.000816	1151.06543	1256.77246
1261.0	0.000772	1150.88538	1266.73096
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1294.0	0.000772	1150.52588	1291.14392
1279.0	0.000772	1150.34631	1305.40295
1316.0	0.000772	1150.16699	1320.66833
1355.0	0.000730	1149.98792	1336.35364
1369.0	0.000730	1149.80908	1351.58191
1401.0	0.000730	1149.63037	1365.24573
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1428.0	0.000693	1149.27356	1383.72864
1376.0	0.000730	1149.09534	1387.56812
1393.0	0.000730	1148.91736	1388.29932
1380.0	0.000730	1148.73962	1386.88757
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1368.0	0.000730	1148.38477	1381.58618
1336.0	0.000730	1148.20764	1378.84631
1333.0	0.000730	1148.03088	1376.11060
1315.0	0.000772	1147.85413	1373.05493
1356.0	0.000730	1147.67761	1369.32373
1361.0	0.000730	1147.50134	1364.61975
1306.0	0.000772	1147.32544	1358.97412
1353.0	0.000730	1147.14966	1352.43994
1308.0	0.000772	1146.97400	1346.03882
1288.0	0.000772	1146.79883	1340.20654
1325.0	0.000772	1146.62366	1335.62109
1329.0	0.000772	1146.44873	1332.84290
1337.0	0.000730	1146.27405	1332.25610
1315.0	0.000772	1146.09973	1334.04724
1343.0	0.000730	1145.92554	1338.20496
1313.0	0.000772	1145.75159	1344.50269
1328.0	0.000772	1145.57788	1352.32654
1315.0	0.000772	1145.40454	1361.16394
1369.0	0.000730	1145.23132	1369.78699
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1386.0	0.000730	1144.88574	1381.22461
1362.0	0.000730	1144.71326	1382.01306
1367.0	0.000730	1144.54102	1379.17371
1364.0	0.000730	1144.36914	1373.39355
1369.0	0.000730	1144.19751	1365.84229
1335.0	0.000730	1144.02612	1357.77856
1372.0	0.000730	1143.85498	1350.27222
1315.0	0.000772	1143.68420	1344.08508
1291.0	0.000772	1143.51355	1339.67761
1336.0	0.000730	1143.34326	1337.27698
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1321.0	0.000772	1143.00342	1338.67249
1336.0	0.000730	1142.83398	1342.33350
1392.0	0.000730	1142.66467	1347.73621
1364.0	0.000730	1142.49585	1354.71484

1394.0	0.000730	1142.32715	1362.30798
1361.0	0.000730	1142.15881	1369.88586
1388.0	0.000730	1141.99072	1376.51172
1335.0	0.000730	1141.82300	1381.40308
1382.0	0.000730	1141.65552	1383.96765
1358.0	0.000730	1141.48828	1385.13440
1334.0	0.000730	1141.32129	1385.57202
1392.0	0.000730	1141.15479	1386.55115
1342.0	0.000730	1140.98853	1389.36414
1360.0	0.000730	1140.82239	1395.14673
1415.0	0.000693	1140.65686	1404.82544
1406.0	0.000730	1140.49146	1419.13501
1375.0	0.000730	1140.32629	1438.65295
1476.0	0.000693	1140.16150	1463.80737
1447.0	0.000693	1139.99719	1494.85107
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1582.0	0.000625	1139.66919	1574.21704
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1655.0	0.000595	1139.34253	1670.51636
1670.0	0.000595	1139.17957	1719.44861
1717.0	0.000595	1139.01709	1763.44507
1751.0	0.000567	1138.85498	1797.52637
1784.0	0.000567	1138.69299	1817.17664
1744.0	0.000567	1138.53149	1820.09961
1734.0	0.000567	1138.37036	1807.19336
1660.0	0.000595	1138.20947	1782.20728
1626.0	0.000625	1138.04883	1750.29871
1631.0	0.000625	1137.88867	1716.44580
1594.0	0.000625	1137.72876	1684.46375
1591.0	0.000625	1137.56934	1656.70776
1574.0	0.000625	1137.41003	1634.17834
1548.0	0.000657	1137.25122	1616.75146
1582.0	0.000625	1137.09277	1603.42627
1544.0	0.000657	1136.93457	1592.61255
1575.0	0.000625	1136.77686	1582.51074
1572.0	0.000625	1136.61951	1571.37646
1522.0	0.000657	1136.46240	1558.40894
1489.0	0.000657	1136.30566	1542.91833
1536.0	0.000657	1136.14929	1524.81592
1513.0	0.000657	1135.99329	1504.37195
1506.0	0.000657	1135.83765	1482.19824
1450.0	0.000693	1135.68237	1459.22754
1415.0	0.000693	1135.52759	1436.51025
1453.0	0.000693	1135.37292	1415.10791
1375.0	0.000730	1135.21875	1395.88159
1321.0	0.000772	1135.06494	1379.41504
1342.0	0.000730	1134.91162	1366.08569
1341.0	0.000730	1134.75854	1356.02673
1377.0	0.000730	1134.60583	1349.47852
1367.0	0.000730	1134.45361	1346.29309
1320.0	0.000772	1134.30176	1346.45374
1295.0	0.000772	1134.15015	1349.84241
1291.0	0.000772	1133.99902	1356.25342
1329.0	0.000772	1133.84839	1365.34509

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1377.0	0.000730	1133.24927	1413.80017
1423.0	0.000693	1133.10046	1423.74060
1395.0	0.000730	1132.95203	1431.26282
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1442.0	0.000693	1132.21619	1453.00183
1464.0	0.000693	1132.07007	1459.04163
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1449.0	0.000693	1131.63477	1474.77844
1480.0	0.000693	1131.49036	1475.08972
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1495.0	0.000657	1131.05981	1450.94702
1456.0	0.000693	1130.91724	1435.03906
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1382.0	0.000730	1130.49182	1374.23572
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1310.0	0.000772	1126.32813	1296.19385

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1374.0	0.000730	1125.82312	1332.31787
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1383.0	0.000730	1125.57336	1353.27966
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1310.0	0.000772	1115.15942	1300.13013
1282.0	0.000772	1115.09277	1315.19995
1337.0	0.000730	1115.02661	1328.21362
1303.0	0.000772	1114.96106	1337.45996
1263.0	0.000772	1114.89600	1341.48022
1278.0	0.000772	1114.83154	1339.42981
1294.0	0.000772	1114.76770	1331.61975
1270.0	0.000772	1114.70447	1319.24255
1269.0	0.000772	1114.64172	1303.85010
1302.0	0.000772	1114.57947	1287.28235
1213.0	0.000816	1114.51782	1270.72021
1244.0	0.000816	1114.45679	1255.04199
1278.0	0.000772	1114.39636	1240.73743
1237.0	0.000816	1114.33643	1228.05615
1275.0	0.000772	1114.27710	1217.06458
1148.0	0.000865	1114.21826	1207.72339
1168.0	0.000865	1114.16003	1199.92651
1233.0	0.000816	1114.10242	1193.52759
1214.0	0.000816	1114.04529	1188.35730
1201.0	0.000816	1113.98877	1184.28601
1198.0	0.000816	1113.93286	1181.00208
1215.0	0.000816	1113.87744	1178.35876
1183.0	0.000865	1113.82263	1176.16125
1148.0	0.000865	1113.76831	1174.24622
1221.0	0.000816	1113.71472	1172.50085
1171.0	0.000865	1113.66162	1170.87256
1156.0	0.000865	1113.60901	1169.36804
1162.0	0.000865	1113.55701	1167.52222
1202.0	0.000816	1113.50562	1166.39575
1223.0	0.000816	1113.45483	1165.52795
1154.0	0.000865	1113.40442	1164.95520
1223.0	0.000816	1113.35474	1164.70483
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1146.0	0.000865	1113.25696	1165.25903
1151.0	0.000865	1113.20898	1166.10779
1246.0	0.000816	1113.16150	1167.36707
1201.0	0.000816	1113.11462	1169.06482
1165.0	0.000865	1113.06836	1171.22937
1148.0	0.000865	1113.02258	1173.89075
1197.0	0.000816	1112.97742	1176.92029
1137.0	0.000865	1112.93274	1180.64673
1239.0	0.000816	1112.88867	1184.91699
1184.0	0.000865	1112.84521	1189.71021
1214.0	0.000816	1112.80225	1194.97156
1141.0	0.000865	1112.75989	1200.48340
1138.0	0.000865	1112.71814	1206.37671
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1243.0	0.000816	1112.40405	1250.34070
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1239.0	0.000816	1122.89795	1194.42566
1161.0	0.000865	1122.98132	1193.49426
1196.0	0.000816	1123.06470	1192.48560
1178.0	0.000865	1123.14832	1191.52002
1222.0	0.000816	1123.23193	1190.43152
1126.0	0.000865	1123.31580	1189.21790
1244.0	0.000816	1123.39966	1187.90991
1137.0	0.000865	1123.48376	1186.51294
1209.0	0.000816	1123.56799	1185.19165
1157.0	0.000865	1123.65222	1183.98621
1190.0	0.000816	1123.73657	1183.05481
1133.0	0.000865	1123.82117	1182.36523
1172.0	0.000865	1123.90576	1182.06396
1152.0	0.000865	1123.99048	1182.42749
1161.0	0.000865	1124.07532	1183.06213

1119.0	0.000918	1124.16028	1184.17407
1117.0	0.000918	1124.24536	1185.82825
1203.0	0.000816	1124.33057	1187.89893
1175.0	0.000865	1124.41577	1190.25378
1135.0	0.000865	1124.50110	1192.68433
1163.0	0.000865	1124.58655	1195.03259
1212.0	0.000816	1124.67200	1196.91309
1136.0	0.000865	1124.75769	1198.18494
1180.0	0.000865	1124.84338	1198.77991
1186.0	0.000865	1124.92920	1198.78552
1169.0	0.000865	1125.01514	1198.40857
1129.0	0.000865	1125.10107	1197.91187
1167.0	0.000865	1125.18713	1197.47913
1158.0	0.000865	1125.27319	1197.26306
1208.0	0.000816	1125.35938	1197.30090
1116.0	0.000918	1125.44568	1197.58276
1110.0	0.000918	1125.53198	1198.02917
1087.0	0.000918	1125.61841	1198.36609
1170.0	0.000865	1125.70483	1198.63110
1124.0	0.000865	1125.79138	1198.61951
1173.0	0.000865	1125.87793	1198.27234
1150.0	0.000865	1125.96460	1197.62244
1199.0	0.000816	1126.05139	1196.73682
1092.0	0.000918	1126.13806	1195.88501
1188.0	0.000865	1126.22498	1195.18188
1137.0	0.000865	1126.31189	1194.75476
1151.0	0.000865	1126.39880	1194.67847
1119.0	0.000918	1126.48572	1194.97693
1188.0	0.000865	1126.57275	1195.62708
1155.0	0.000865	1126.65991	1196.65918
1153.0	0.000865	1126.74695	1198.10413
1132.0	0.000865	1126.83411	1199.65039
1183.0	0.000865	1126.92126	1201.44946
1131.0	0.000865	1127.00854	1203.85315
1153.0	0.000865	1127.09583	1206.91919
1215.0	0.000816	1127.18311	1210.81604
1179.0	0.000865	1127.27039	1215.68518
1151.0	0.000865	1127.35779	1221.61926
1280.0	0.000772	1127.44519	1228.65259
1192.0	0.000816	1127.53259	1236.73633
1212.0	0.000816	1127.62000	1245.70886
1270.0	0.000772	1127.70740	1255.25464
1265.0	0.000772	1127.79492	1264.84680
1234.0	0.000816	1127.88232	1273.78210
1212.0	0.000816	1127.96985	1281.16980
1258.0	0.000816	1128.05737	1286.14587
1298.0	0.000772	1128.14490	1288.10547
1301.0	0.000772	1128.23242	1286.91760
1260.0	0.000816	1128.31982	1282.97351
1224.0	0.000816	1128.40747	1277.11609
1230.0	0.000816	1128.49500	1270.07031
1249.0	0.000816	1128.58252	1262.69922
1278.0	0.000772	1128.66992	1255.57642
1237.0	0.000816	1128.75745	1249.08887

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1213.0	0.000816	1128.93250	1238.37305
1212.0	0.000816	1129.02002	1234.27271
1228.0	0.000816	1129.10754	1230.99719
1205.0	0.000816	1129.19495	1228.74011
1248.0	0.000816	1129.28235	1227.48975
1191.0	0.000816	1129.36987	1227.41724
1219.0	0.000816	1129.45728	1228.59595
1208.0	0.000816	1129.54456	1230.97070
1215.0	0.000816	1129.63196	1234.60400
1205.0	0.000816	1129.71924	1239.48364
1327.0	0.000772	1129.80664	1245.55017
1227.0	0.000816	1129.89380	1252.70984
1211.0	0.000816	1129.98108	1260.71167
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1270.0	0.000772	1130.15540	1277.99683
1272.0	0.000772	1130.24255	1285.96741
1246.0	0.000816	1130.32959	1293.27881
1222.0	0.000816	1130.41663	1299.32764
1304.0	0.000772	1130.50366	1304.02734
1306.0	0.000772	1130.59058	1307.64417
1338.0	0.000730	1130.67749	1310.74719
1352.0	0.000730	1130.76428	1313.95618
1338.0	0.000730	1130.85107	1317.81140
1326.0	0.000772	1130.93787	1322.87988
1289.0	0.000772	1131.02454	1329.33032
1368.0	0.000730	1131.11108	1337.12354
1311.0	0.000772	1131.19763	1345.91736
1340.0	0.000730	1131.28418	1355.04614
1359.0	0.000730	1131.37061	1363.51257
1319.0	0.000772	1131.45691	1370.38171
1399.0	0.000730	1131.54321	1374.37268
1388.0	0.000730	1131.62939	1374.96863
1371.0	0.000730	1131.71558	1372.18262
1329.0	0.000772	1131.80164	1366.66003
1344.0	0.000730	1131.88757	1359.45813
1385.0	0.000730	1131.97351	1351.72803
1301.0	0.000772	1132.05933	1344.62463
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1269.0	0.000772	1132.23083	1334.17761
1396.0	0.000730	1132.31641	1331.52820
1297.0	0.000772	1132.40186	1330.55457
1359.0	0.000730	1132.48718	1331.00745
1315.0	0.000772	1132.57251	1332.55872
1394.0	0.000730	1132.65771	1334.83521
1263.0	0.000772	1132.74280	1337.71082
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1328.0	0.000772	1132.91272	1344.37622
1345.0	0.000730	1132.99756	1347.78369
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1338.0	0.000730	1133.16687	1353.10608
1284.0	0.000772	1133.25122	1354.69312
1330.0	0.000772	1133.33569	1355.70715
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1419.0	0.000693	1134.17285	1425.81396
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1423.0	0.000693	1134.33875	1442.22656
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1426.0	0.000693	1134.66895	1442.71375
1381.0	0.000730	1134.75110	1437.04651
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1317.0	0.000772	1135.32239	1358.49255
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1322.0	0.000772	1135.48413	1338.83508
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1276.0	0.000772	1135.64539	1322.19177
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1257.0	0.000816	1136.12488	1296.78027
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1292.0	0.000772	1136.51953	1313.23267
1293.0	0.000772	1136.59790	1317.58032
1285.0	0.000772	1136.67615	1321.12427
1266.0	0.000772	1136.75415	1323.60669
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1267.0	0.000772	1136.98706	1325.97449
1281.0	0.000772	1137.06433	1326.22803
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1309.0	0.000772	1137.75037	1332.93140

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1315.0	0.000772	1139.21130	1355.17908
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1336.0	0.000730	1139.35217	1370.32690
1390.0	0.000730	1139.42224	1376.92786
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1372.0	0.000730	1139.76868	1396.63818
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1280.0	0.000772	1140.50781	1291.72070
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1354.0	0.000730	1142.05945	1456.42883
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1377.0	0.000730	1142.17529	1440.32446
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1361.0	0.000730	1142.29004	1416.45532
1338.0	0.000730	1142.34680	1403.92126
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1388.0	0.000730	1142.45959	1379.99988
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1327.0	0.000772	1142.62622	1350.99341
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1386.0	0.000730	1143.51355	1483.10437
1394.0	0.000730	1143.56262	1499.87134
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1267.0	0.000772	1144.07922	1366.31726
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1337.0	0.000730	1145.25830	1367.03748
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1383.0	0.000730	1145.76892	1375.20874
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1272.0	0.000772	1146.09949	1300.90454
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1263.0	0.000772	1146.14001	1288.90747
1242.0	0.000816	1146.15955	1283.12439
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1197.0	0.000816	1146.30078	1254.73657
1180.0	0.000865	1146.31641	1256.10742
1208.0	0.000816	1146.33167	1258.94653
1188.0	0.000865	1146.34656	1263.31091
1231.0	0.000816	1146.36084	1269.23914
1267.0	0.000772	1146.37488	1276.74463
1264.0	0.000772	1146.38831	1285.79175
1232.0	0.000816	1146.40149	1296.08813
1174.0	0.000865	1146.41406	1307.75281
1271.0	0.000772	1146.42615	1320.43250
1246.0	0.000816	1146.43799	1332.96521
1262.0	0.000772	1146.44922	1344.67468
1235.0	0.000816	1146.46008	1354.60571
1309.0	0.000772	1146.47058	1361.32593
1341.0	0.000730	1146.48059	1364.06140
1281.0	0.000772	1146.48999	1362.86462
1274.0	0.000772	1146.49915	1358.05542
1324.0	0.000772	1146.50781	1350.60156
1253.0	0.000816	1146.51599	1341.67432
1205.0	0.000816	1146.52368	1332.36255
1325.0	0.000772	1146.53101	1323.49976
1233.0	0.000816	1146.53784	1315.61560
1188.0	0.000865	1146.54419	1309.16528
1300.0	0.000772	1146.55017	1303.87561
1220.0	0.000816	1146.55566	1299.49487
1302.0	0.000772	1146.56079	1295.93457
1205.0	0.000816	1146.56543	1292.80347
1228.0	0.000816	1146.56958	1289.93787
1190.0	0.000865	1146.57324	1287.26343
1302.0	0.000772	1146.57642	1284.84387
1194.0	0.000816	1146.57922	1282.80847
1206.0	0.000816	1146.58154	1281.26538
1180.0	0.000865	1146.58350	1280.23804
1236.0	0.000816	1146.58496	1279.64978
1246.0	0.000816	1146.58594	1279.35938
1219.0	0.000816	1146.58643	1279.43994
1229.0	0.000816	1146.58643	1279.40430
1189.0	0.000865	1146.58606	1279.40369
1298.0	0.000772	1146.58521	1279.75916
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1247.0	0.000816	1146.56201	1298.31726
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1287.0	0.000772	1146.54578	1314.72351
1292.0	0.000772	1146.53943	1320.72583
1271.0	0.000772	1146.53259	1326.19226
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1297.0	0.000772	1146.45044	1317.48621
1261.0	0.000772	1146.43896	1312.46143
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1272.0	0.000772	1146.29907	1314.94690
1309.0	0.000772	1146.28247	1321.45642
1381.0	0.000730	1146.26550	1327.87976
1244.0	0.000816	1146.24792	1333.66663
1291.0	0.000772	1146.22998	1338.47437
1328.0	0.000772	1146.21155	1341.97083
1267.0	0.000772	1146.19275	1344.03540
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1319.0	0.000772	1146.15356	1343.85205
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1298.0	0.000772	1146.09119	1337.85034
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1286.0	0.000772	1145.47412	1329.05811
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1351.0	0.000730	1145.20166	1392.10193
1287.0	0.000772	1145.16541	1389.13757
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1351.0	0.000730	1145.09167	1374.70715
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1283.0	0.000772	1144.65320	1336.28210
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1284.0	0.000772	1144.56750	1352.15979
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1341.0	0.000730	1144.47998	1372.26587
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1369.0	0.000730	1144.34521	1408.46912
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1473.0	0.000693	1144.25305	1432.87732
1461.0	0.000693	1144.20630	1443.16199
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1632.0	0.000625	1137.16418	1670.32971
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1571.0	0.000625	1136.52966	1724.23328
1581.0	0.000625	1136.43762	1733.30432
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1562.0	0.000625	1136.15930	1728.65503
1581.0	0.000625	1136.06592	1715.44312
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1557.0	0.000657	1135.87805	1679.60095
1507.0	0.000657	1135.78357	1660.76831
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1238.0	0.000816	1127.30725	1254.32288
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1267.0	0.000772	1127.07678	1255.59302
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1296.0	0.000772	1125.32922	1294.17200
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1279.0	0.000772	1125.09399	1297.16528
1238.0	0.000816	1124.97607	1296.39734
1278.0	0.000772	1124.85828	1293.74792
1250.0	0.000816	1124.74011	1289.35779
1261.0	0.000772	1124.62195	1283.40869
1276.0	0.000772	1124.50378	1276.24353
1249.0	0.000816	1124.38538	1268.23157
1249.0	0.000816	1124.26697	1259.73572
1222.0	0.000816	1124.14844	1251.09412
1248.0	0.000816	1124.02979	1242.58142
1198.0	0.000816	1123.91101	1234.57349
1205.0	0.000816	1123.79211	1227.18518
1235.0	0.000816	1123.67322	1220.55688

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1229.0	0.000816	1123.43518	1209.67664
1204.0	0.000816	1123.31604	1205.68127
1204.0	0.000816	1123.19690	1202.64600
1213.0	0.000816	1123.07751	1200.33777
1190.0	0.000865	1122.95813	1198.80908
1211.0	0.000816	1122.83862	1198.01514
1217.0	0.000816	1122.71924	1197.91882
1179.0	0.000865	1122.59961	1198.44104
1195.0	0.000816	1122.47998	1199.66772
1203.0	0.000816	1122.36035	1201.57483
1157.0	0.000865	1122.24060	1204.11218
1237.0	0.000816	1122.12085	1207.29907
1222.0	0.000816	1122.00098	1211.11011
1234.0	0.000816	1121.88123	1215.48071
1238.0	0.000816	1121.76123	1220.35938
1223.0	0.000816	1121.64124	1225.50854
1246.0	0.000816	1121.52136	1230.81958
1261.0	0.000772	1121.40137	1236.14124
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1270.0	0.000772	1121.16125	1246.32251
1210.0	0.000816	1121.04126	1250.96729
1310.0	0.000772	1120.92114	1255.14404
1257.0	0.000816	1120.80090	1258.70349
1265.0	0.000772	1120.68079	1261.52673
1219.0	0.000816	1120.56067	1263.57898
1288.0	0.000772	1120.44055	1264.93335
1252.0	0.000816	1120.32043	1265.72412
1205.0	0.000816	1120.20032	1265.98523
1290.0	0.000772	1120.08008	1265.94202
1298.0	0.000772	1119.95996	1265.46997
1230.0	0.000816	1119.83972	1264.50122
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1239.0	0.000816	1119.59961	1260.94775
1279.0	0.000772	1119.47949	1258.51953
1231.0	0.000816	1119.35938	1255.87769
1258.0	0.000816	1119.23938	1253.29309
1272.0	0.000772	1119.11938	1250.94189
1224.0	0.000816	1118.99927	1249.13318
1246.0	0.000816	1118.87939	1248.12854
1248.0	0.000816	1118.75952	1248.16577
1275.0	0.000772	1118.63953	1249.43970
1302.0	0.000772	1118.51965	1252.09009
1238.0	0.000816	1118.40002	1256.22437
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1319.0	0.000772	1117.80176	1296.39453
1215.0	0.000816	1117.68225	1306.95276
1253.0	0.000816	1117.56299	1317.65442
1294.0	0.000772	1117.44360	1328.15161
1308.0	0.000772	1117.32434	1338.10913
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1247.0	0.000816	1113.91394	1209.67102
1227.0	0.000816	1113.79858	1208.14624
1197.0	0.000816	1113.68323	1207.15173
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1214.0	0.000816	1111.53149	1193.21167
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1157.0	0.000865	1099.91174	1122.49463
1146.0	0.000865	1099.95605	1122.46375
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1159.0	0.000865	1101.10107	1123.34521
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1157.0	0.000865	1101.50317	1128.33801
1118.0	0.000918	1101.57349	1129.90881
1139.0	0.000865	1101.64465	1131.73145
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1189.0	0.000865	1101.93884	1141.63965
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1123.0	0.000865	1102.09143	1148.00745
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1181.0	0.000865	1102.40784	1159.92126
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1299.0	0.000772	1157.84875	1229.77893
1262.0	0.000772	1158.05115	1232.87390
1265.0	0.000772	1158.25281	1235.79248
1269.0	0.000772	1158.45422	1238.41260
1311.0	0.000772	1158.65515	1240.67517
1277.0	0.000772	1158.85559	1242.46985
1275.0	0.000772	1159.05542	1243.77039
1303.0	0.000772	1159.25488	1244.64282

1284.0	0.000772	1159.45398	1245.24866
1287.0	0.000772	1159.65234	1245.80115
1299.0	0.000772	1159.85034	1246.59558
1292.0	0.000772	1160.04785	1247.72375
1309.0	0.000772	1160.24487	1249.25842
1297.0	0.000772	1160.44128	1251.64148
1319.0	0.000772	1160.63721	1254.78625
1328.0	0.000772	1160.83276	1258.67981
1320.0	0.000772	1161.02771	1263.27478
1362.0	0.000730	1161.22192	1268.44336
1302.0	0.000772	1161.41577	1273.99036
1328.0	0.000772	1161.60913	1279.65930
1351.0	0.000730	1161.80176	1285.21301
1346.0	0.000730	1161.99402	1290.25891
1344.0	0.000730	1162.18567	1294.58142
1305.0	0.000772	1162.37671	1297.98608
1344.0	0.000730	1162.56714	1300.24634
1325.0	0.000772	1162.75720	1301.25647
1393.0	0.000730	1162.94653	1300.94116
1345.0	0.000730	1163.13525	1299.31238
1318.0	0.000772	1163.32349	1296.48413
1358.0	0.000730	1163.51111	1292.66479
1326.0	0.000772	1163.69812	1288.19617
1338.0	0.000730	1163.88440	1283.21021
1321.0	0.000772	1164.07031	1278.02893
1285.0	0.000772	1164.25549	1272.85510
1318.0	0.000772	1164.43994	1267.84937
1344.0	0.000730	1164.62390	1263.13110
1329.0	0.000772	1164.80737	1258.77649
1352.0	0.000730	1164.99011	1254.81409
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1280.0	0.000772	1165.35352	1247.99707
1290.0	0.000772	1165.53430	1244.99377
1347.0	0.000730	1165.71448	1242.18127
1265.0	0.000772	1165.89392	1239.52490
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1262.0	0.000772	1166.60535	1230.55359
1295.0	0.000772	1166.78162	1228.76685
1269.0	0.000772	1166.95715	1227.11450
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1274.0	0.000772	1167.30615	1223.98169
1257.0	0.000816	1167.47961	1222.44873
1278.0	0.000772	1167.65234	1220.83167
1249.0	0.000816	1167.82446	1219.19861
1277.0	0.000772	1167.99597	1217.57837
1257.0	0.000816	1168.16675	1216.04834
1280.0	0.000772	1168.33667	1214.64294
1254.0	0.000816	1168.50598	1213.40222
1257.0	0.000816	1168.67456	1212.35486
1249.0	0.000816	1168.84229	1211.51819
1261.0	0.000772	1169.00952	1210.90344
1276.0	0.000772	1169.17603	1210.51489

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1276.0	0.000772	1169.50659	1210.46887
1296.0	0.000772	1169.67090	1210.78333
1222.0	0.000816	1169.83447	1211.34497
1259.0	0.000816	1169.99731	1212.16455
1280.0	0.000772	1170.15918	1213.25903
1231.0	0.000816	1170.32056	1214.64954
1263.0	0.000772	1170.48120	1216.36304
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1300.0	0.000772	1171.42859	1235.45410
1273.0	0.000772	1171.58386	1240.65686
1274.0	0.000772	1171.73828	1246.35559
1306.0	0.000772	1171.89197	1252.71729
1305.0	0.000772	1172.04492	1259.73840
1267.0	0.000772	1172.19714	1267.37439
1320.0	0.000772	1172.34839	1275.52405
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1379.0	0.000730	1174.66284	1301.67273
1382.0	0.000730	1174.80066	1302.58240
1359.0	0.000730	1174.93762	1304.75806
1392.0	0.000730	1175.07385	1308.14453
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1376.0	0.000730	1175.47754	1324.91467
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1358.0	0.000730	1175.74255	1340.33081
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1377.0	0.000730	1176.00427	1358.25659
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1474.0	0.000693	1188.86792	1467.91077
1461.0	0.000693	1188.88928	1475.86157
1475.0	0.000693	1188.91101	1481.80957
1528.0	0.000657	1188.93274	1485.86719
1494.0	0.000657	1188.95471	1488.25159
1455.0	0.000693	1188.97681	1489.17749
1525.0	0.000657	1188.99915	1488.79858
1460.0	0.000693	1189.02173	1487.17578
1476.0	0.000693	1189.04443	1484.27332
1500.0	0.000657	1189.06738	1480.01660
1469.0	0.000693	1189.09045	1474.34875
1497.0	0.000657	1189.11377	1467.15405
1472.0	0.000693	1189.13733	1458.72864
1396.0	0.000730	1189.16101	1449.22632
1446.0	0.000693	1189.18494	1439.05334
1417.0	0.000693	1189.20911	1428.70691
1411.0	0.000693	1189.23352	1418.75720
1432.0	0.000693	1189.25806	1409.59839
1410.0	0.000693	1189.28284	1401.66443
1430.0	0.000693	1189.30786	1395.24243
1408.0	0.000693	1189.33313	1390.49438
1390.0	0.000730	1189.35864	1387.50549
1437.0	0.000693	1189.38428	1386.28040
1383.0	0.000730	1189.41028	1386.75806
1421.0	0.000693	1189.43640	1388.81689
1402.0	0.000730	1189.46277	1392.27722
1444.0	0.000693	1189.48938	1396.97278
1387.0	0.000730	1189.51611	1402.33521
1437.0	0.000693	1189.54321	1407.99219
1409.0	0.000693	1189.57056	1413.40991
1426.0	0.000693	1189.59814	1418.05920
1433.0	0.000693	1189.62585	1421.45935
1402.0	0.000730	1189.65393	1423.32007
1335.0	0.000730	1189.68213	1423.59558

1438.0	0.000693	1189.71069	1422.44629
1407.0	0.000693	1189.73938	1420.31030
1360.0	0.000730	1189.76831	1417.62158
1367.0	0.000730	1189.79761	1414.83069
1389.0	0.000730	1189.82703	1412.27100
1392.0	0.000730	1189.85669	1410.21606
1377.0	0.000730	1189.88660	1408.67639
1380.0	0.000730	1189.91675	1407.43091
1427.0	0.000693	1189.94714	1406.28833
1418.0	0.000693	1189.97778	1404.89294
1335.0	0.000730	1190.00867	1402.81201
1410.0	0.000693	1190.03979	1399.80115
1396.0	0.000730	1190.07117	1395.83630
1407.0	0.000693	1190.10278	1391.13745
1417.0	0.000693	1190.13452	1386.08313
1344.0	0.000730	1190.16663	1381.14966
1383.0	0.000730	1190.19885	1376.78052
1397.0	0.000730	1190.23145	1373.33020
1406.0	0.000730	1190.26416	1371.02441
1343.0	0.000730	1190.29712	1369.96631
1446.0	0.000693	1190.33032	1370.14343
1379.0	0.000730	1190.36377	1371.45837
1352.0	0.000730	1190.39746	1373.75549
1393.0	0.000730	1190.43127	1376.80249
1422.0	0.000693	1190.46533	1380.61768
1397.0	0.000730	1190.49963	1385.05396
1433.0	0.000693	1190.53418	1390.08484
1424.0	0.000693	1190.56885	1395.67798
1362.0	0.000730	1190.60376	1401.73657
1407.0	0.000693	1190.63892	1408.03601
1385.0	0.000730	1190.67432	1414.17847
1411.0	0.000693	1190.70984	1419.61169
1406.0	0.000730	1190.74561	1423.69360
1422.0	0.000693	1190.78149	1425.78687
1444.0	0.000693	1190.81763	1425.42822
1379.0	0.000730	1190.85388	1422.27478
1447.0	0.000693	1190.89038	1416.42102
1443.0	0.000693	1190.92712	1408.20728
1416.0	0.000693	1190.96399	1398.22034
1365.0	0.000730	1191.00098	1387.12036
1360.0	0.000730	1191.03821	1375.54761
1410.0	0.000693	1191.07544	1364.18201
1334.0	0.000730	1191.11304	1353.41589
1385.0	0.000730	1191.15063	1343.57642
1335.0	0.000730	1191.18848	1334.85193
1376.0	0.000730	1191.22644	1327.36414
1367.0	0.000730	1191.26453	1321.13342
1394.0	0.000730	1191.30286	1315.94067
1335.0	0.000730	1191.34119	1312.10803
1357.0	0.000730	1191.37964	1309.37720
1318.0	0.000772	1191.41833	1307.52466
1390.0	0.000730	1191.45703	1306.43860
1323.0	0.000772	1191.49585	1306.03125
1290.0	0.000772	1191.53479	1306.09485

1346.0	0.000730	1191.57385	1306.46851
1342.0	0.000730	1191.61304	1306.98914
1319.0	0.000772	1191.65222	1307.48291
1399.0	0.000730	1191.69153	1307.76843
1418.0	0.000693	1191.73096	1307.66675
1335.0	0.000730	1191.77039	1307.01868
1334.0	0.000730	1191.80994	1305.71179
1371.0	0.000730	1191.84949	1303.71082
1350.0	0.000730	1191.88916	1301.06995
1300.0	0.000772	1191.92871	1297.95276
1301.0	0.000772	1191.96851	1294.52405
1347.0	0.000730	1192.00818	1291.03369
1306.0	0.000772	1192.04785	1287.69958
1307.0	0.000772	1192.08765	1284.70642
1303.0	0.000772	1192.12744	1282.23401
1298.0	0.000772	1192.16724	1280.29529
1303.0	0.000772	1192.20703	1278.98975
1343.0	0.000730	1192.24670	1278.34412
1305.0	0.000772	1192.28650	1278.35046
1242.0	0.000816	1192.32617	1278.99951
1326.0	0.000772	1192.36572	1280.23145
1281.0	0.000772	1192.40540	1281.93323
1316.0	0.000772	1192.44495	1284.10547
1326.0	0.000772	1192.48438	1286.54211
1278.0	0.000772	1192.52380	1289.15894
1291.0	0.000772	1192.56311	1291.86121
1278.0	0.000772	1192.60242	1294.57898
1288.0	0.000772	1192.64148	1297.26099
1328.0	0.000772	1192.68054	1299.85730
1290.0	0.000772	1192.71948	1302.29932
1305.0	0.000772	1192.75818	1304.50330
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1316.0	0.000772	1192.83545	1307.87964
1330.0	0.000772	1192.87378	1309.01392
1269.0	0.000772	1192.91187	1309.87292
1308.0	0.000772	1192.94995	1310.61096
1287.0	0.000772	1192.98779	1311.41101
1331.0	0.000772	1193.02539	1312.44946
1224.0	0.000816	1193.06287	1313.87427
1321.0	0.000772	1193.10010	1315.79102
1303.0	0.000772	1193.13708	1318.27087
1340.0	0.000730	1193.17383	1321.34070
1340.0	0.000730	1193.21033	1324.97778
1373.0	0.000730	1193.24658	1329.09863
1307.0	0.000772	1193.28259	1333.55273
1305.0	0.000772	1193.31836	1338.13098
1325.0	0.000772	1193.35388	1342.59473
1333.0	0.000730	1193.38904	1346.68677
1392.0	0.000730	1193.42383	1350.26685
1299.0	0.000772	1193.45837	1353.18665
1340.0	0.000730	1193.49255	1355.31091
1329.0	0.000772	1193.52649	1356.70752
1280.0	0.000772	1193.55994	1357.38367
1357.0	0.000730	1193.59314	1357.34851

1380.0	0.000730	1193.62598	1356.70276
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1356.0	0.000730	1193.69031	1354.19031
1345.0	0.000730	1193.72192	1352.63440
1346.0	0.000730	1193.75317	1350.96399
1350.0	0.000730	1193.78394	1349.20276
1344.0	0.000730	1193.81421	1347.23120
1346.0	0.000730	1193.84412	1344.89771
1307.0	0.000772	1193.87354	1342.06750
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1325.0	0.000772	1193.95886	1330.52820
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1392.0	0.000730	1194.01318	1321.51111
1316.0	0.000772	1194.03955	1317.18115
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1324.0	0.000772	1194.13953	1303.53638
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1299.0	0.000772	1194.34619	1313.67627
1359.0	0.000730	1194.36304	1317.68506
1277.0	0.000772	1194.37927	1322.10400
1346.0	0.000730	1194.39478	1326.96619
1309.0	0.000772	1194.40942	1332.28613
1286.0	0.000772	1194.42346	1338.14758
1343.0	0.000730	1194.43665	1344.41846
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1307.0	0.000772	1194.46057	1357.41187
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1326.0	0.000772	1194.49048	1373.28760
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1326.0	0.000772	1194.50610	1378.74719
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1336.0	0.000730	1194.52686	1381.06323
1381.0	0.000730	1194.52979	1380.89734
1357.0	0.000730	1194.53186	1380.58984
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1289.0	0.000772	1194.53296	1379.27637
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1356.0	0.000730	1194.53040	1377.05737
1409.0	0.000693	1194.52759	1375.69641
1398.0	0.000730	1194.52368	1374.46936

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1385.0	0.000730	1194.51306	1372.53308
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1364.0	0.000730	1194.27234	1345.09912
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1362.0	0.000730	1194.13660	1348.63916
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1326.0	0.000772	1193.93311	1331.75781
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1375.0	0.000730	1193.38745	1303.66541
1329.0	0.000772	1193.33337	1305.02881
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1308.0	0.000772	1193.22131	1309.00757
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1346.0	0.000730	1193.10388	1313.27087
1334.0	0.000730	1193.04321	1314.78210
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1296.0	0.000772	1192.78674	1312.77722
1279.0	0.000772	1192.71936	1310.43652
1373.0	0.000730	1192.65039	1307.74133
1277.0	0.000772	1192.58020	1304.93787

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1292.0	0.000772	1184.91699	1244.42139
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8	6	2	o	9926.272	9811.278	-12.35	1.62461	1.03
7	3	3	o	53477.00	50955.79	176.71	1.63199	5.43
10	0	2	o	34085.910	32310.553	-52.72	1.61599	1.76
2	10	2	o	6308.927	6010.927	-112.92	1.61521	0.65
6	10	0	o	58245.62	56232.17	0.00	1.61412	3.08
3	11	1	o	40282.48	39496.30	-120.31	1.60719	4.20
10	6	0	o	48696.74	48286.08	0.00	1.59919	2.53
7	9	1	o	36491.52	35409.94	-142.20	1.59793	3.76
10	2	2	o	13899.531	13511.451	-48.86	1.59293	1.39
9	7	1	o	29116.420	26907.348	-112.11	1.59063	2.97
2	2	4	o	127710.54	121443.70	29.24	1.59609	11.88
11	3	1	o	62380.52	59992.62	43.01	1.58166	6.30
0	12	0	o	39309.76	37906.66	180.00	1.57698	0.99
2	12	0	o	22268.701	20449.982	-180.00	1.55468	1.09
0	4	4	o	59861.45	55310.21	-141.67	1.55336	2.65
4	0	4	o	67252.73	68209.58	-148.11	1.55000	2.97
5	7	3	o	2594.502	2728.299	-85.06	1.54776	0.24
4	10	2	o	22553.994	24160.459	-24.48	1.54642	2.14
12	0	0	o	32641.787	35112.70	180.00	1.54615	0.79
7	5	3	o	3032.260	3582.968	67.30	1.54278	0.28
2	4	4	o	4758.372	4039.537	-161.29	1.53204	0.41
4	2	4	o	9581.818	8819.944	-12.32	1.52961	0.83
10	4	2	o	24978.871	22841.689	31.75	1.52924	2.32
12	2	0	o	24652.105	19544.809	0.00	1.52591	1.17
5	11	1	o	21926.795	17712.443	54.74	1.51861	2.04
1	9	3	o	81185.38	73141.17	99.16	1.51259	7.16
11	5	1	o	11315.228	9721.902	68.82	1.50005	1.03
9	1	3	o	91454.58	93210.36	49.07	1.49725	7.91
4	12	0	o	4697.024	3874.845	0.00	1.49305	0.21
8	8	2	o	386167.2	355436.3	104.55	1.47914	33.62
3	9	3	o	125179.47	123734.34	25.66	1.47391	10.52
4	4	4	o	11371.114	11485.664	-155.58	1.47296	0.92
12	4	0	o	9076.873	8650.991	0.00	1.46965	0.40
8	10	0	o	167458.08	147828.56	0.00	1.46622	7.33
9	3	3	o	87102.73	76276.10	-69.81	1.46111	7.20
10	8	0	o	148443.48	124504.05	-180.00	1.45988	6.45
6	10	2	o	47134.04	38564.37	-68.57	1.44903	3.95
2	6	4	o	65893.66	56392.89	38.94	1.44053	5.11
10	6	2	o	71169.45	62659.99	-69.68	1.43820	5.87
9	9	1	o	75359.57	64617.84	-34.44	1.43651	6.31
6	2	4	o	75556.74	64709.92	45.39	1.43518	5.82
7	7	3	o	26025.561	19817.410	-111.27	1.43273	2.08
1	13	1	o	7308.528	4508.618	57.70	1.41714	0.60
7	11	1	o	8807.376	6538.914	-109.61	1.40952	0.71
2	12	2	o	154647.86	137341.22	93.22	1.40557	12.21
6	12	0	o	54959.79	49014.42	-180.00	1.40485	2.21
5	9	3	o	43633.05	39121.07	115.25	1.40470	3.35
11	7	1	o	394.432	314.795	16.50	1.39831	0.03
9	5	3	o	47001.21	36989.67	41.50	1.39605	3.57

4	6	4	o	140349.72	131169.09	-143.77	1.39109	10.23
13	1	1	o	6816.163	6361.293	-149.03	1.39099	0.54
12	6	0	o	95917.13	90769.91	0.00	1.38830	3.78
6	4	4	o	157327.77	149562.81	30.38	1.38807	11.42
3	13	1	o	20575.238	18318.918	-94.11	1.38519	1.60
12	2	2	o	85805.59	77350.88	-62.98	1.38420	6.58
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4	12	2	o	4381.859	3126.611	117.31	1.35953	0.32
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12	4	2	o	6183.910	5707.465	141.01	1.34180	0.45
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5	13	1	o	94132.41	78203.64	63.81	1.32727	6.76
10	10	0	o	49760.58	40841.95	180.00	1.32484	1.79
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14	2	0	o	24900.490	22214.826	0.00	1.31246	0.88
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7	9	3	o	62251.13	58553.01	-13.93	1.31703	4.24
9	7	3	o	44347.57	39738.68	-32.90	1.31293	3.01
8	12	0	o	3720.297	3919.061	180.00	1.30407	0.13
1	1	5	o	21881.596	18449.367	-3.98	1.30919	1.38
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4	8	4	o	2608.696	2310.591	46.88	1.29646	0.17
9	11	1	o	44472.67	37955.02	76.27	1.29500	3.04
6	12	2	o	7260.913	6069.147	2.62	1.29194	0.49
8	4	4	o	1994.089	1708.359	73.70	1.29062	0.13
11	9	1	o	30361.172	26732.754	25.22	1.29014	2.06
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3	1	5	o	3498.838	3999.327	-65.12	1.28387	0.21
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12	6	2	o	17537.469	15084.056	35.69	1.27903	1.16
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3	3	5	o	776.764	952.891	145.64	1.26087	0.05
11	5	3	o	14140.382	16802.133	134.31	1.26059	0.89
7	13	1	o	15327.508	11874.170	-97.40	1.25257	0.98
0	14	2	o	127312.58	128345.59	-77.43	1.25024	4.02
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2	14	2	o	1705.785	1659.743	-67.56	1.23904	0.11
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1	15	1	o	65677.71	66944.68	35.25	1.23625	4.11
1	5	5	o	76451.24	72484.94	-39.59	1.23991	4.37
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3 19 1 o 735.454 794.151 138.26 0.97251 0.03
12 14 2 o 27955.570 29489.314 90.90 0.97217 1.10
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1 13 5 o 6988.549 8606.480 -24.16 0.97471 0.26
14 12 2 o 43677.34 43228.31 -58.34 0.96950 1.71
9 17 1 o 16701.885 16693.545 -8.94 0.96881 0.66
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7 11 5 o 821.781 868.424 2.51 0.97222 0.03
9 15 3 o 26415.857 30215.918 131.06 0.96602 1.01
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8 4 6 o 47588.07 48118.85 -25.28 0.97012 1.72
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6	8	6	o	421.586	465.354	68.66	0.94693	0.01
2	20	0	o	638.085	701.318	0.00	0.94131	0.01
8	6	6	o	4206.359	4476.729	53.97	0.94559	0.15
4	16	4	o	37225.32	42159.79	33.93	0.94027	1.34
10	0	6	o	20665.834	22268.504	114.42	0.94388	0.36
12	16	0	o	40231.06	43823.48	0.00	0.93940	0.75
2	10	6	o	5329.706	5769.273	170.37	0.94373	0.18
18	6	2	o	6763.830	7428.962	81.40	0.93899	0.25
13	5	5	o	48976.27	61156.27	64.89	0.93721	1.71
19	5	1	o	18355.361	22460.746	-4.86	0.93593	0.68
13	15	1	o	3631.601	4426.111	156.43	0.93563	0.13
10	2	6	o	3191.344	3465.850	147.44	0.93922	0.11
16	12	0	o	45070.00	56089.61	0.00	0.93422	0.83
15	13	1	o	5103.126	6510.604	-59.36	0.93306	0.19
1	1	7	o	7376.748	9133.302	-107.02	0.93738	0.24
9	11	5	o	78.280	92.160	-13.02	0.93213	0.00
11	9	5	o	1366.083	1436.857	-175.11	0.93031	0.05
7	17	3	o	6228.347	6587.923	-16.84	0.92954	0.22
4	10	6	o	7077.506	7478.181	91.62	0.92941	0.24
16	4	4	o	29061.744	30709.939	32.29	0.92924	1.02
20	0	0	o	9669.720	10187.344	180.00	0.92769	0.09
4	20	0	o	3604.308	3742.624	-180.00	0.92710	0.07
10	4	6	o	4858.800	5383.492	27.22	0.92564	0.16
13	13	3	o	10227.944	11368.225	-128.01	0.92417	0.36
1	3	7	o	8713.148	9328.916	39.51	0.92831	0.28
3	1	7	o	11336.241	12067.741	5.46	0.92795	0.37
20	2	0	o	34.521	38.579	180.00	0.92326	0.00
7	19	1	o	17450.678	19475.059	-157.97	0.92311	0.63
11	17	1	o	31116.711	31231.578	-75.75	0.91994	1.11
8	18	2	o	1101.823	1154.333	34.34	0.91937	0.04
3	3	7	o	8898.663	9470.880	117.70	0.91916	0.29
17	7	3	o	10340.805	11097.025	-35.13	0.91889	0.36
11	15	3	o	28755.496	30458.412	29.94	0.91755	1.00
6	16	4	o	501.906	528.219	-160.06	0.91701	0.02
12	12	4	o	2308.605	2414.840	51.00	0.91663	0.08
7	13	5	o	22197.590	23356.143	126.04	0.91593	0.75
10	18	0	o	385.657	413.474	0.00	0.91469	0.01
8	8	6	o	109184.06	118460.92	-43.28	0.91418	3.57
15	11	3	o	29716.600	31618.240	109.54	0.91307	1.03
17	11	1	o	23700.814	24879.793	165.52	0.91267	0.84
1	5	7	o	18570.195	19233.715	-11.30	0.91094	0.59
13	7	5	o	11874.285	12196.585	49.67	0.91079	0.40
20	4	0	o	4276.343	4269.177	-180.00	0.91035	0.08
10	14	4	o	12527.426	12191.684	35.42	0.91001	0.42
5	1	7	o	18599.875	17976.375	-149.80	0.90992	0.59
19	7	1	o	18921.186	17904.111	80.61	0.90961	0.66
1	15	5	o	6980.018	6548.084	-145.66	0.90949	0.23
14	14	2	o	631.771	591.180	-109.47	0.90942	0.02
18	8	2	o	2612.089	2390.150	-11.97	0.90821	0.09
16	6	4	o	425.099	390.729	-58.88	0.90761	0.01
6	10	6	o	12470.965	11630.925	141.06	0.90693	0.40
14	10	4	o	9880.369	9450.266	40.60	0.90597	0.33
1	19	3	o	16119.435	15579.479	3.95	0.90574	0.55
18	10	0	o	98.435	97.538	180.00	0.90519	0.00

2	20	2 o	23261.371	23252.584	82.43	0.90497	0.80
6	20	0 o	28146.084	28193.359	0.00	0.90478	0.49
10	6	6 o	18793.201	18615.660	154.46	0.90426	0.60
12	16	2 o	1295.659	1266.380	97.33	0.90328	0.04
3	5	7 o	29031.762	29039.709	-51.80	0.90228	0.90
5	3	7 o	30196.590	29477.906	72.50	0.90162	0.94
3	15	5 o	1480.913	1407.313	30.35	0.90087	0.05
15	1	5 o	9040.886	8537.656	-50.05	0.90016	0.29
16	12	2 o	5848.478	4772.083	125.11	0.89867	0.20
3	19	3 o	4350.483	4095.547	83.50	0.89723	0.15
2	12	6 o	42756.51	43747.71	-35.09	0.89598	1.35
9	17	3 o	2406.804	2145.564	-119.05	0.89432	0.08
4	20	2 o	3053.166	3111.714	90.47	0.89233	0.10
15	3	5 o	1875.843	1935.838	-19.85	0.89212	0.06
1	21	1 o	8319.719	8636.018	-90.47	0.89176	0.28
19	1	3 o	6122.109	6373.863	-10.91	0.89106	0.20
12	2	6 o	35836.23	37295.77	119.48	0.89037	1.12
20	6	0 o	11335.230	11584.147	-180.00	0.88999	0.19
20	2	2 o	48071.29	48548.26	-51.28	0.88890	1.60
9	19	1 o	53226.52	53778.99	100.82	0.88859	1.79
11	11	5 o	2747.725	2766.881	16.18	0.88836	0.09
8	16	4 o	2783.192	2889.485	14.83	0.88717	0.09
1	7	7 o	29843.629	32513.523	34.61	0.88662	0.90
17	9	3 o	2278.807	2496.349	-117.43	0.88607	0.07
5	5	7 o	4775.907	5148.900	-56.32	0.88568	0.14
7	1	7 o	24082.346	26298.982	-15.86	0.88475	0.73
5	15	5 o	9277.395	10086.379	-64.60	0.88435	0.29
4	12	6 o	4487.747	4665.409	14.45	0.88370	0.14
3	21	1 o	10569.627	10941.803	-56.25	0.88364	0.35
19	3	3 o	3539.678	3573.545	96.87	0.88326	0.12
14	16	0 o	4394.994	4518.625	180.00	0.88243	0.07
9	13	5 o	16785.369	17607.711	-129.89	0.88218	0.53
2	18	4 o	10306.283	11198.475	-154.91	0.88178	0.33
10	18	2 o	17172.223	19339.848	109.04	0.88124	0.56
5	19	3 o	20030.461	22756.543	73.35	0.88090	0.65
16	14	0 o	4421.034	4800.315	0.00	0.88012	0.07
16	8	4 o	11.399	11.789	-94.58	0.87972	0.00
13	9	5 o	14129.020	14364.914	123.50	0.87880	0.44
12	4	6 o	831.007	844.835	-55.95	0.87877	0.03
3	7	7 o	10608.776	10810.931	133.35	0.87863	0.32
8	10	6 o	3610.070	3756.711	104.44	0.87804	0.11
19	9	1 o	50935.74	53883.50	7.13	0.87774	1.67
20	4	2 o	3668.639	3970.469	112.60	0.87737	0.12
7	3	7 o	12939.812	14222.882	82.89	0.87711	0.38
10	8	6 o	1539.092	1731.729	-6.36	0.87667	0.05
15	5	5 o	6283.867	7070.335	-119.70	0.87667	0.20
8	20	0 o	2643.455	3037.383	0.00	0.87608	0.04
15	15	1 o	9774.569	11644.240	151.31	0.87537	0.32
21	1	1 o	2807.980	3502.963	23.91	0.87471	0.09
18	10	2 o	6711.691	8086.574	85.61	0.87275	0.22
6	20	2 o	27968.570	34330.156	89.42	0.87238	0.90
4	18	4 o	7353.857	8018.428	28.36	0.87006	0.23
13	17	1 o	3846.312	4210.862	12.59	0.87004	0.12
18	2	4 o	8645.793	9754.610	-147.42	0.86969	0.27

12	18	0	o	4661.022	5404.419	-180.00	0.86938	0.08
19	5	3	o	15592.509	19234.229	-110.04	0.86826	0.49
5	21	1	o	18240.766	22770.352	-55.74	0.86803	0.59
13	15	3	o	4325.593	5403.762	43.42	0.86802	0.14
21	3	1	o	12321.093	15543.573	176.47	0.86733	0.40
15	13	3	o	2693.531	3407.937	-39.92	0.86597	0.08
17	13	1	o	1735.572	2274.695	-49.87	0.86563	0.06
12	14	4	o	605.266	839.744	-160.67	0.86536	0.02
6	12	6	o	4737.701	8326.408	67.52	0.86431	0.14
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14	12	4	o	579.979	1250.490	57.04	0.86347	0.02
5	7	7	o	2325.636	5096.148	63.55	0.86328	0.07
18	12	0	o	545.532	1092.229	0.00	0.86280	0.01
7	5	7	o	1874.288	3430.890	-46.98	0.86241	0.05
7	15	5	o	23208.598	29340.420	17.65	0.86118	0.70
12	6	6	o	2719.478	3241.045	10.03	0.86041	0.08
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7	19	3	o	37463.00	39971.47	8.68	0.85800	1.16
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2	22	0	o	43091.35	45978.43	0.00	0.85650	0.68
11	17	3	o	35901.58	38462.42	-59.73	0.85545	1.11
15	7	5	o	26964.412	30429.402	-35.92	0.85493	0.80
9	1	7	o	9712.973	11885.201	-103.33	0.85421	0.28
21	5	1	o	16008.588	20037.822	-34.34	0.85311	0.50
10	16	4	o	2256.142	2779.568	23.69	0.85277	0.07
14	16	2	o	14222.470	17318.834	-25.20	0.85229	0.44
6	18	4	o	1867.340	2329.970	-130.64	0.85154	0.06
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11	19	1	o	10723.444	12275.251	-122.43	0.85043	0.33
16	14	2	o	10555.225	11979.915	64.38	0.85020	0.32
3	9	7	o	9386.625	10757.238	-136.35	0.84981	0.27
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16	10	4	o	1969.443	2434.227	-145.95	0.84738	0.06
9	3	7	o	10314.110	12752.535	150.49	0.84734	0.29
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8	20	2	o	9892.152	12112.856	-92.31	0.84657	0.30
7	21	1	o	2863.638	3542.495	5.41	0.84609	0.09
4	22	0	o	9464.126	11894.456	-180.00	0.84575	0.15
11	13	5	o	15216.166	20650.314	152.13	0.84481	0.44
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10	10	6	o	32866.465	45454.42	138.86	0.84465	0.94
13	11	5	o	13701.967	18470.242	14.55	0.84318	0.40
10	20	0	o	13323.898	17101.221	0.00	0.84291	0.20
19	11	1	o	9137.438	10573.483	55.76	0.84225	0.28
3	17	5	o	7848.894	8804.808	129.14	0.84188	0.23
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7	7	7	o	12361.568	13726.421	103.23	0.84169	0.34
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13 19 1 o 8249.616 8300.614 60.57 0.81054 0.23
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22	2	2	o	5161.159	5256.736	119.91	0.81390	0.15
5	21	3	o	11170.321	11678.521	-88.74	0.81323	0.31
3	23	1	o	6364.697	6489.521	122.92	0.80939	0.18
21	3	3	o	23470.371	25309.838	31.08	0.81266	0.66
16	12	4	o	7410.034	7960.351	-154.35	0.81230	0.21
21	9	1	o	11052.508	11202.210	-93.94	0.80835	0.31
17	13	3	o	976.916	987.058	-39.76	0.81126	0.03
12	20	0	o	1730.946	1627.187	0.00	0.80706	0.02
0	4	8	o	28353.736	28893.395	85.20	0.81012	0.36
8	22	0	o	19752.242	17720.975	-180.00	0.80649	0.28
10	12	6	o	279.767	286.814	94.00	0.80990	0.01
4	0	8	o	21849.588	22440.568	68.56	0.80965	0.28
7	17	5	o	2164.773	2188.581	83.02	0.80922	0.06
12	10	6	o	413.238	415.881	98.27	0.80858	0.01
22	4	2	o	1555.212	1347.046	39.87	0.80501	0.04
19	13	1	o	10607.949	9296.667	40.33	0.80485	0.30
20	0	4	o	50026.33	50468.44	31.79	0.80800	0.69
4	20	4	o	26321.072	25933.779	34.55	0.80761	0.72
20	10	2	o	11856.263	11560.103	86.31	0.80749	0.33
6	22	2	o	11631.864	10905.267	103.16	0.80359	0.32
2	4	8	o	165.121	154.797	-4.24	0.80705	0.00
4	2	8	o	1064.678	967.475	160.98	0.80670	0.03
16	16	2	o	1398.633	1364.818	95.14	0.80297	0.04
13	13	5	o	10679.914	9133.259	-172.98	0.80567	0.29
5	11	7	o	1378.577	1185.574	47.55	0.80507	0.04
20	2	4	o	1315.467	1133.276	-159.37	0.80507	0.04
23	1	1	o	22663.195	19929.158	-99.86	0.79997	0.63
20	12	0	o	3251.044	2869.016	0.00	0.79960	0.05
14	18	2	o	11066.412	9539.396	89.85	0.79896	0.30
11	5	7	o	5862.292	5572.007	20.99	0.80227	0.15
17	7	5	o	15228.136	14333.141	104.75	0.80216	0.41
11	19	3	o	15727.204	13451.497	22.04	0.79871	0.43
11	15	5	o	19523.672	17452.531	40.16	0.80127	0.52
2	16	6	o	5645.544	5022.556	-39.52	0.80104	0.15
21	5	3	o	3688.278	3278.440	-111.05	0.80093	0.10
5	23	1	o	4747.189	4025.038	111.10	0.79734	0.13
10	18	4	o	477.961	420.032	48.40	0.79936	0.01
8	14	6	o	1558.151	1367.334	8.53	0.79932	0.04
18	14	2	o	4244.790	3520.547	126.04	0.79532	0.12
7	21	3	o	454.886	367.949	-58.45	0.79511	0.01
15	11	5	o	21407.889	18401.158	-39.43	0.79828	0.57
4	4	8	o	3843.415	3306.963	93.74	0.79804	0.10
22	8	0	o	11616.863	9485.854	0.00	0.79438	0.16
23	3	1	o	6024.006	4953.361	174.74	0.79431	0.16
20	4	4	o	20189.615	17562.775	40.27	0.79646	0.54
18	10	4	o	6064.308	5939.015	37.14	0.79300	0.16
6	20	4	o	33882.020	33718.199	-152.25	0.79273	0.90
14	8	6	o	7989.187	6817.862	93.45	0.79555	0.21
19	11	3	o	17168.514	16690.758	133.44	0.79192	0.46
22	6	2	o	2887.235	2173.343	127.88	0.79083	0.08
16	2	6	o	10824.840	9594.294	122.22	0.79386	0.28
1	19	5	o	7493.892	7105.590	76.21	0.79337	0.20
2	6	8	o	9176.563	9160.531	-130.80	0.79276	0.23
11	21	1	o	1102.499	569.031	164.57	0.78907	0.03

4	16	6 o	6458.923	6457.752	-48.89	0.79223	0.17
9	9	7 o	14848.130	14764.719	102.55	0.79209	0.37
6	2	8 o	11153.370	10858.013	-104.90	0.79187	0.27
0	24	0 o	8166.701	4091.777	0.00	0.78849	0.06
9	17	5 o	97.394	68.928	-150.14	0.78566	0.00
2	24	0 o	261.696	184.497	0.00	0.78566	0.00
1	13	7 o	1778.296	898.749	47.17	0.78880	0.04
3	19	5 o	3743.422	1884.505	-2.67	0.78763	0.10
21	7	3 o	4668.736	3921.476	17.21	0.78425	0.12
7	11	7 o	1777.103	887.261	154.68	0.78748	0.04
12	20	2 o	635.610	567.669	-14.79	0.78381	0.02
19	1	5 o	2245.277	2066.390	88.86	0.78345	0.06
23	5	1 o	11449.220	10488.998	14.36	0.78335	0.31
8	22	2 o	1902.605	1744.427	-55.27	0.78329	0.05
20	6	4 o	17234.059	15318.563	24.52	0.78272	0.45
16	4	6 o	14265.966	10223.572	-53.59	0.78561	0.36
11	7	7 o	897.686	656.076	173.79	0.78551	0.02
4	6	8 o	21116.229	17869.920	82.55	0.78422	0.51
13	1	7 o	1710.402	1450.655	-155.56	0.78420	0.04
6	4	8 o	24684.244	22520.572	-111.40	0.78368	0.60
10	22	0 o	294.968	193.033	0.00	0.78039	0.00
21	11	1 o	196.100	128.276	-64.54	0.78038	0.01
7	23	1 o	511.960	338.266	81.84	0.78024	0.01
17	9	5 o	2741.756	1844.214	175.84	0.78005	0.07
3	13	7 o	4591.381	4221.887	149.90	0.78316	0.11
16	18	0 o	3454.644	2724.749	-180.00	0.77887	0.05
6	16	6 o	8742.479	7616.098	38.30	0.77817	0.22
19	3	5 o	5645.153	4930.449	-11.81	0.77813	0.14
12	12	6 o	6515.306	5767.078	-68.85	0.77794	0.16
14	16	4 o	6066.519	5426.167	32.83	0.77756	0.16
4	24	0 o	2603.221	2330.586	180.00	0.77734	0.03
18	16	0 o	12648.940	11288.412	0.00	0.77707	0.17
20	12	2 o	502.824	447.560	164.38	0.77697	0.01
5	19	5 o	16752.727	14337.567	-7.58	0.77652	0.42
16	14	4 o	10615.778	8287.030	-150.81	0.77598	0.27
13	3	7 o	782.862	618.359	-128.49	0.77887	0.02
15	17	3 o	20044.207	15742.998	-55.14	0.77415	0.52
17	17	1 o	3728.547	2945.094	139.83	0.77390	0.10
10	14	6 o	22274.180	17620.162	137.57	0.77388	0.55
0	8	8 o	5004.866	4382.447	-158.25	0.77668	0.06
8	20	4 o	128.465	99.184	126.22	0.77321	0.00
24	0	0 o	145.992	111.280	180.00	0.77307	0.00
9	21	3 o	2303.789	1718.224	144.68	0.77273	0.06
17	15	3 o	20798.787	15662.964	22.00	0.77248	0.53
16	6	6 o	1306.254	988.324	79.26	0.77241	0.03
5	13	7 o	17720.197	13666.193	3.28	0.77223	0.43
22	8	2 o	3309.881	2572.875	51.63	0.77217	0.09
8	0	8 o	1101.479	844.800	164.33	0.77500	0.01
14	10	6 o	28808.436	24331.213	145.90	0.77139	0.71
2	8	8 o	1197.349	945.580	151.14	0.77397	0.03
24	2	0 o	899.533	788.075	0.00	0.77051	0.01
15	19	1 o	4796.456	4232.085	-125.76	0.77042	0.12
22	10	0 o	17.030	15.173	0.00	0.77032	0.00
14	20	0 o	30.999	28.483	180.00	0.77006	0.00

1 23 3 o 31747.230 30268.895 -1.11 0.76967 0.81
8 2 8 o 466.740 352.904 -77.12 0.77241 0.01
12 18 4 o 9908.418 9131.851 38.21 0.76859 0.25
13 5 7 o 36477.86 33622.551 -157.59 0.76852 0.87
19 5 5 o 15776.786 13261.472 -177.36 0.76782 0.39
23 7 1 o 909.203 746.118 124.27 0.76772 0.02
13 15 5 o 1460.348 1179.772 43.01 0.76765 0.04
6 6 8 o 3675.829 3210.936 -143.91 0.77057 0.09
19 15 1 o 553.163 384.015 -12.99 0.76695 0.01
15 13 5 o 2975.584 2017.642 132.26 0.76623 0.07
4 8 8 o 3243.357 2193.627 70.55 0.76602 0.08
9 11 7 o 17935.969 12033.497 -11.25 0.76572 0.43
13 19 3 o 1025.504 683.824 -142.40 0.76539 0.03
20 14 0 o 2973.131 2003.033 0.00 0.76488 0.04
8 4 8 o 8114.220 5488.229 48.07 0.76481 0.19
11 9 7 o 11984.610 8131.518 25.02 0.76471 0.28
20 8 4 o 1337.192 907.378 66.53 0.76462 0.03
3 23 3 o 31300.219 21131.486 103.57 0.76442 0.79
2 24 2 o 2162.224 1427.357 44.50 0.76416 0.06
6 24 0 o 8777.054 5706.342 0.00 0.76404 0.11
18 12 4 o 2723.122 1769.952 -133.28 0.76404 0.07
21 9 3 o 9933.437 5982.162 -27.19 0.76355 0.25
24 4 0 o 17357.176 9783.467 -180.00 0.76295 0.22
7 19 5 o 50936.91 35818.54 47.14 0.76069 1.24
19 13 3 o 91.088 64.419 -175.14 0.76060 0.00
8 16 6 o 5146.779 3846.535 140.21 0.75969 0.12
2 22 4 o 7741.632 5819.899 -161.60 0.75965 0.19
10 22 2 o 15441.100 12127.324 108.38 0.75931 0.39
9 23 1 o 12194.809 9745.290 86.45 0.75906 0.31
11 17 5 o 36929.12 29688.873 123.23 0.75892 0.90
0 18 6 o 52452.22 42152.92 141.59 0.75882 0.63
16 18 2 o 32361.947 24701.203 83.52 0.75791 0.81
13 21 1 o 19481.746 15946.585 9.60 0.75690 0.49
7 13 7 o 4184.064 3537.760 150.42 0.75666 0.10
4 24 2 o 52369.15 44440.45 -65.05 0.75650 1.31
23 1 3 o 26470.541 22488.117 -37.31 0.75647 0.66
2 18 6 o 8822.077 7481.008 -30.48 0.75629 0.21
18 16 2 o 18003.012 15192.858 -56.81 0.75625 0.45
16 8 6 o 4283.881 3234.476 28.55 0.75500 0.10
17 11 5 o 18029.238 13559.954 34.12 0.75482 0.43
5 23 3 o 620.018 467.093 38.04 0.75425 0.02
13 7 7 o 804.959 639.111 -79.32 0.75375 0.02
6 8 8 o 10712.956 9372.819 -122.53 0.75329 0.24
19 7 5 o 26436.719 23852.029 -63.37 0.75308 0.64
1 15 7 o 13969.168 12728.354 23.12 0.75301 0.32
8 6 8 o 7263.418 6735.430 62.38 0.75261 0.16
4 22 4 o 24218.475 21977.922 35.15 0.75212 0.59
23 3 3 o 17703.211 15890.054 44.12 0.75168 0.43
12 22 0 o 16437.064 14740.820 -180.00 0.75168 0.20
2 10 8 o 12339.981 11085.703 57.29 0.75167 0.28
1 25 1 o 7057.413 6237.592 -65.88 0.75137 0.18
18 0 6 o 34413.164 29785.045 -24.75 0.75098 0.40
24 6 0 o 6422.929 5552.396 -180.00 0.75085 0.08
21 13 1 o 26085.322 22730.146 -88.59 0.75035 0.65

24	2	2	o	2486.661	2178.977	-22.07	0.75020	0.06
10	20	4	o	17163.709	15083.753	-146.25	0.75012	0.42
22	10	2	o	4784.481	4218.512	124.67	0.75002	0.12
14	20	2	o	30742.982	27302.395	-66.71	0.74979	0.76
10	2	8	o	13448.952	12030.709	65.16	0.74939	0.30
4	18	6	o	25214.373	22582.465	118.66	0.74886	0.59
18	2	6	o	4279.907	3872.873	-42.03	0.74863	0.10
23	9	1	o	18854.223	17389.051	25.08	0.74827	0.46
3	15	7	o	1375.614	1276.716	98.88	0.74810	0.03
22	2	4	o	8311.031	7706.191	-159.39	0.74808	0.20
15	1	7	o	30167.736	27747.584	1.27	0.74769	0.69
11	21	3	o	10722.333	9590.244	-16.46	0.74724	0.26
8	24	0	o	3317.946	2868.337	0.00	0.74653	0.04
3	25	1	o	20278.283	17502.041	28.15	0.74649	0.50
12	14	6	o	15449.871	13469.123	-21.11	0.74586	0.36
20	14	2	o	54484.59	51118.22	105.16	0.74500	1.33
14	12	6	o	23560.049	22518.729	130.22	0.74465	0.55
4	10	8	o	31694.121	30460.033	64.10	0.74438	0.71
6	24	2	o	11027.802	10583.635	93.38	0.74423	0.27
22	12	0	o	5763.759	5535.858	0.00	0.74369	0.07
24	4	2	o	35059.195	34700.156	-79.07	0.74322	0.85
20	10	4	o	9354.145	9346.929	25.87	0.74310	0.22
15	3	7	o	3687.210	3696.135	78.20	0.74307	0.08
1	21	5	o	2710.585	2730.453	110.52	0.74286	0.06
10	4	8	o	36092.96	35671.29	-118.64	0.74244	0.80
23	5	3	o	307.064	301.459	-76.88	0.74237	0.01
18	4	6	o	15800.297	14958.201	-24.84	0.74169	0.36
22	4	4	o	29672.395	27741.238	-148.18	0.74116	0.70
9	19	5	o	36357.23	33609.031	-20.72	0.74102	0.85
11	11	7	o	2402.985	2189.903	121.83	0.74089	0.05
6	22	4	o	5269.183	4301.608	19.45	0.74006	0.12
21	11	3	o	3516.302	2837.202	-9.33	0.73984	0.08
7	23	3	o	5253.336	4229.814	83.95	0.73972	0.13
16	16	4	o	17725.889	14308.595	-154.39	0.73957	0.42
5	15	7	o	8302.083	7578.154	-4.43	0.73856	0.19
3	21	5	o	15954.166	15498.928	151.37	0.73814	0.37
10	16	6	o	3819.470	3831.424	-14.27	0.73775	0.09
9	13	7	o	17359.633	17551.941	85.22	0.73729	0.39
5	25	1	o	11604.837	11617.960	-66.57	0.73701	0.28
6	18	6	o	3157.610	3157.718	-71.10	0.73696	0.07
25	1	1	o	7822.166	7789.283	-38.91	0.73691	0.19
8	8	8	o	2299.839	2223.285	47.79	0.73648	0.05
14	18	4	o	20558.320	19814.711	41.97	0.73644	0.48
18	18	0	o	12789.749	12161.100	180.00	0.73602	0.15
13	9	7	o	9132.687	9239.125	126.92	0.73532	0.20
11	23	1	o	54.536	58.732	-3.87	0.73486	0.00
24	8	0	o	2059.527	2221.795	0.00	0.73483	0.02
19	9	5	o	29543.734	32280.145	-164.60	0.73470	0.68
17	17	3	o	6451.949	6863.445	83.55	0.73432	0.15
16	10	6	o	5623.865	5937.832	107.91	0.73425	0.13
15	5	7	o	15703.537	16057.560	47.37	0.73407	0.35
18	14	4	o	26554.523	25322.160	37.21	0.73358	0.62
15	15	5	o	7234.892	6742.829	24.37	0.73331	0.17
16	20	0	o	4172.958	3824.932	0.00	0.73311	0.05

21	1	5	o	396.222	357.223	-175.69	0.73292	0.01
12	22	2	o	3469.314	3103.943	-58.05	0.73279	0.08
6	10	8	o	13948.563	12407.670	70.93	0.73268	0.30
25	3	1	o	21443.178	19008.631	87.02	0.73248	0.51
24	6	2	o	9005.519	7888.894	-69.81	0.73202	0.21
15	19	3	o	3544.333	3076.149	41.39	0.73134	0.08
10	6	8	o	12340.945	10738.619	57.24	0.73127	0.27
17	19	1	o	15437.479	13574.021	25.98	0.73113	0.37
18	6	6	o	9106.509	8060.117	-2.90	0.73056	0.20
13	17	5	o	3285.727	2862.897	-105.73	0.73016	0.08
22	6	4	o	870.674	758.859	42.97	0.73005	0.02
20	16	0	o	4331.965	3772.723	0.00	0.72994	0.05
1	1	9	o	10619.850	9236.435	-177.22	0.72980	0.22
19	17	1	o	15263.938	13086.826	86.68	0.72956	0.36
0	12	8	o	7438.313	6240.008	-90.98	0.72911	0.08
23	7	3	o	8472.270	7106.183	60.53	0.72903	0.20
5	21	5	o	7311.999	6130.878	147.75	0.72897	0.17
21	3	5	o	18216.848	15237.829	29.90	0.72856	0.41
19	15	3	o	2864.386	2368.108	62.02	0.72836	0.07
8	24	2	o	45757.37	36126.62	-74.48	0.72801	1.07
17	13	5	o	1552.635	1132.529	82.02	0.72755	0.04
2	12	8	o	4140.503	3060.268	-144.51	0.72687	0.09
12	0	8	o	4583.913	3944.989	-137.45	0.72599	0.05
23	11	1	o	1589.018	1377.305	101.79	0.72592	0.04
10	24	0	o	33455.445	29674.678	0.00	0.72568	0.39
2	26	0	o	3160.731	2817.216	-180.00	0.72561	0.04
1	3	9	o	4153.821	3736.366	115.13	0.72549	0.09
22	12	2	o	1507.382	1360.595	53.36	0.72537	0.04
3	1	9	o	4009.916	3634.139	144.22	0.72532	0.08
7	15	7	o	15443.596	14595.033	-122.88	0.72490	0.34
12	20	4	o	456.028	447.945	-161.86	0.72452	0.01
8	22	4	o	7426.086	7052.448	28.90	0.72410	0.17
15	21	1	o	133.570	121.434	161.14	0.72392	0.00
12	2	8	o	2214.756	1995.794	46.30	0.72386	0.05
25	5	1	o	15097.713	13513.538	-28.09	0.72386	0.35
7	25	1	o	13009.188	10204.463	7.82	0.72344	0.30
9	23	3	o	4333.014	3155.453	99.76	0.72160	0.10
14	22	0	o	10384.945	7633.542	180.00	0.72152	0.12
8	18	6	o	2952.694	2244.782	51.49	0.72120	0.07
15	7	7	o	6872.490	5247.171	-59.86	0.72116	0.15
3	3	9	o	2112.336	1624.548	21.78	0.72110	0.04
4	12	8	o	4452.650	3508.422	61.60	0.72026	0.09
21	5	5	o	4733.938	3704.002	163.94	0.72007	0.11
13	21	3	o	20173.998	15636.837	158.50	0.71974	0.46
21	15	1	o	1177.833	930.528	5.21	0.71935	0.03
20	12	4	o	68.226	55.616	-61.97	0.71910	0.00
4	26	0	o	5986.157	4927.241	-180.00	0.71904	0.07
11	19	5	o	13338.293	11688.337	44.98	0.71846	0.30
18	18	2	o	20520.539	18599.293	-74.06	0.71826	0.47
12	4	8	o	3294.970	3613.238	60.12	0.71759	0.07
1	17	7	o	10334.245	11494.399	88.23	0.71754	0.22
8	10	8	o	15739.400	19071.811	66.25	0.71719	0.33
24	8	2	o	31386.932	38189.19	-78.39	0.71715	0.72
1	5	9	o	6611.146	8137.381	151.65	0.71711	0.14

5	1	9	o	5574.994	7398.491	-69.13	0.71661	0.11
10	8	8	o	10534.091	14465.231	-98.30	0.71644	0.22
14	14	6	o	405.462	565.488	-170.93	0.71637	0.01
7	21	5	o	230.808	356.181	84.45	0.71583	0.01
18	8	6	o	1059.969	1655.203	93.21	0.71577	0.02
24	10	0	o	17399.447	27789.754	-180.00	0.71566	0.20
16	20	2	o	2038.131	3350.353	-72.01	0.71555	0.05
22	14	0	o	7358.960	12218.515	180.00	0.71551	0.08
22	8	4	o	4968.732	8810.563	-144.49	0.71530	0.11
11	13	7	o	4017.541	7648.652	82.00	0.71505	0.09
1	25	3	o	90.849	173.707	5.91	0.71499	0.00
2	20	6	o	6268.140	10711.565	-16.52	0.71419	0.14
21	13	3	o	10208.479	17275.041	-31.62	0.71411	0.23
13	11	7	o	5304.871	8940.988	-46.39	0.71407	0.11
19	11	5	o	3673.876	6422.580	-54.08	0.71350	0.08
12	16	6	o	654.160	1159.594	-24.00	0.71336	0.01
3	17	7	o	1387.052	2464.081	124.88	0.71328	0.03
3	5	9	o	10588.489	17501.574	173.54	0.71286	0.22
20	16	2	o	121.929	187.974	-64.03	0.71260	0.00
5	3	9	o	11441.372	17303.465	69.60	0.71254	0.23
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#--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--#								