

data_CD-NAT_publ

_pd_block_id

2011-03-22T11:27|CD-NAT|Donghoon_Seoung|X14A

_audit_creation_method "from EXP file using GSAS2CIF"

_audit_creation_date 2011-03-22T11:27

_audit_author_name "Donghoon Seoung"

_audit_update_record

; 2011-03-22T11:27 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 39
_refine_ls_goodness_of_fit_all 4.54
_refine_ls_number_restraints 31
_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 Cd-NAT
_cell_length_a 18.4138(5)
_cell_length_b 18.7909(5)
_cell_length_c 6.52608(20)
_cell_angle_alpha 90.0

```

_cell_angle_beta          90.0
_cell_angle_gamma         90.0
_cell_volume              2258.10(14)
_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      0.0      1.0      Uiso  0.01627      8
Si
Si2  0.15830(33) 0.20961(26) 0.6153(13) 1.0      Uiso  0.01627      16
Al
Al  0.04028(28) 0.08900(34) 0.6110(13) 1.0      Uiso  0.01627      16
O
O1  0.0375(4)  0.06210(34) 0.8661(14) 1.0      Uiso  0.01792      16
O
O2  0.0783(4)  0.1739(4)  0.6062(23) 1.0      Uiso  0.01792      16
O
O3  0.0990(4)  0.0313(4)  0.4916(18) 1.0      Uiso  0.01792      16
O
O4  0.2125(4)  0.1529(4)  0.7169(18) 1.0      Uiso  0.01792      16
O
O5  0.18256(35) 0.2160(5)  0.3766(15) 1.0      Uiso  0.01792      16
Cd
Cd  0.23111(15) 0.02238(15) 0.6147(13) 0.4943(34) Uiso  0.0143(7)   16

```

O
 OW1 0.0416(6) 0.2000(5) 0.1078(22) 0.894(15) Uiso 0.0143(7) 16

If you change Z, be sure to change all 3 of the following
 _chemical_formula_sum "Al2 Cd0.99 O11.79 Si3"
 _chemical_formula_weight 437.96
 _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 Si2 3.019(7) . 102_544 N
 Si Si2 3.019(7) . 203_454 N
 Si O1 1.6130(29) . 1_554 N
 Si O1 1.6130(29) . 104_554 N
 Si O5 1.6230(29) . 102_544 N
 Si O5 1.6230(29) . 203_454 N
 Si2 Si 3.019(7) . 2_555 N
 Si2 Al 3.062(6) . 2_555 N
 Si2 Al 3.051(6) . 3_555 N
 Si2 O2 1.619(4) . 1_555 N
 Si2 O3 1.584(4) . 2_555 N
 Si2 O4 1.603(4) . 1_555 N
 Si2 O5 1.625(4) . 1_555 N
 Si2 Cd 3.260(6) . 2_555 N
 Al Si2 3.062(6) . 102_544 N
 Al Si2 3.051(6) . 203_454 N
 Al O1 1.741(4) . 1_555 N
 Al O1 3.590(9) . 104_555 N
 Al O2 1.743(4) . 1_555 N
 Al O3 1.718(4) . 1_555 N
 Al O3 3.506(11) . 104_555 N
 Al O4 3.460(7) . 1_555 N
 Al O4 1.720(4) . 203_454 N
 Al Cd 3.249(6) . 203_454 N
 O1 Si 1.6130(29) . 1_556 N
 O1 Al 1.741(4) . 1_555 N
 O1 Al 3.590(9) . 104_555 N
 O1 O1 2.712(12) . 104_555 N
 O1 O2 2.803(9) . 1_555 N
 O1 O3 2.756(9) . 1_555 N
 O1 O3 3.921(11) . 104_555 N
 O1 O4 3.774(11) . 1_555 N
 O1 O4 3.967(10) . 102_544 N
 O1 O4 3.021(9) . 203_454 N
 O1 O5 2.541(7) . 102_545 N
 O1 O5 2.627(7) . 203_455 N
 O1 OW1 3.034(11) . 1_556 N

O1	OW1	3.788(14)	. 102_545 N
O2	Si2	1.619(4)	. 1_555 N
O2	Al	1.743(4)	. 1_555 N
O2	O1	2.803(9)	. 1_555 N
O2	O3	2.809(9)	. 1_555 N
O2	O3	2.577(8)	. 2_555 N
O2	O4	2.603(9)	. 1_555 N
O2	O4	2.732(8)	. 203_454 N
O2	O5	2.560(9)	. 1_555 N
O2	Cd	2.733(11)	. 2_555 N
O2	Cd	2.590(11)	. 203_454 N
O2	OW1	3.358(15)	. 1_555 N
O2	OW1	3.378(15)	. 1_556 N
O2	OW1	3.239(12)	. 4_555 N
O3	Si2	1.584(4)	. 102_544 N
O3	Al	1.718(4)	. 1_555 N
O3	Al	3.506(11)	. 104_555 N
O3	O1	2.756(9)	. 1_555 N
O3	O1	3.921(11)	. 104_555 N
O3	O2	2.809(9)	. 1_555 N
O3	O2	2.577(8)	. 102_544 N
O3	O3	3.832(17)	. 104_555 N
O3	O4	3.428(9)	. 1_555 N
O3	O4	2.670(10)	. 102_544 N
O3	O4	2.807(10)	. 203_454 N
O3	O5	3.870(11)	. 1_555 N
O3	O5	2.742(10)	. 102_544 N
O3	O5	3.882(10)	. 203_454 N
O3	Cd	2.567(8)	. 1_555 N
O3	OW1	3.669(14)	. 3_555 N
O3	OW1	3.479(14)	. 102_545 N
O4	Si2	1.603(4)	. 1_555 N
O4	Al	3.460(7)	. 1_555 N
O4	Al	1.720(4)	. 3_555 N
O4	O1	3.774(11)	. 1_555 N
O4	O1	3.967(10)	. 2_555 N
O4	O1	3.021(9)	. 3_555 N
O4	O2	2.603(9)	. 1_555 N
O4	O2	2.732(8)	. 3_555 N
O4	O3	3.428(9)	. 1_555 N
O4	O3	2.670(10)	. 2_555 N
O4	O3	2.807(10)	. 3_555 N
O4	O4	3.902(17)	. 204_555 N
O4	O5	2.576(9)	. 1_555 N
O4	O5	3.839(11)	. 204_555 N
O4	Cd	2.565(8)	. 1_555 N
O4	OW1	3.369(14)	. 3_555 N
O4	OW1	3.923(13)	. 102_545 N
O5	Si	1.6230(29)	. 2_555 N
O5	Si2	1.625(4)	. 1_555 N
O5	O1	2.541(7)	. 2_554 N
O5	O1	2.627(7)	. 3_554 N
O5	O2	2.560(9)	. 1_555 N
O5	O3	3.870(11)	. 1_555 N

O5	O3	2.742(10)	.	2_555	N
O5	O3	3.882(10)	.	3_555	N
O5	O4	2.576(9)	.	1_555	N
O5	O4	3.839(11)	.	204_555	N
O5	O5	2.794(12)	.	204_555	N
O5	Cd	3.717(7)	.	203_454	N
O5	OW1	3.147(12)	.	1_555	N
O5	OW1	3.711(14)	.	3_555	N
Cd	Si2	3.260(6)	.	102_544	N
Cd	Al	3.249(6)	.	3_555	N
Cd	O2	2.590(11)	.	3_555	N
Cd	O2	2.733(11)	.	102_544	N
Cd	O3	2.567(8)	.	1_555	N
Cd	O4	2.565(8)	.	1_555	N
Cd	O5	3.717(7)	.	3_555	N
Cd	Cd	3.4408(18)	.	304_554	N
Cd	Cd	3.4408(18)	.	304_555	N
Cd	OW1	2.079(11)	.	3_555	N
Cd	OW1	2.131(10)	.	102_545	N
OW1	O1	3.034(11)	.	1_554	N
OW1	O1	3.788(14)	.	2_554	N
OW1	O2	3.378(15)	.	1_554	N
OW1	O2	3.358(15)	.	1_555	N
OW1	O2	3.239(12)	.	4_554	N
OW1	O3	3.479(14)	.	2_554	N
OW1	O3	3.669(14)	.	203_454	N
OW1	O4	3.923(13)	.	2_554	N
OW1	O4	3.369(14)	.	203_454	N
OW1	O5	3.147(12)	.	1_555	N
OW1	O5	3.711(14)	.	203_454	N
OW1	Cd	2.131(10)	.	2_554	N
OW1	Cd	2.079(11)	.	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	114.4(8)	1_554	104_543 N
O1	Si	O5	103.5(4)	1_554	102_544 N
O1	Si	O5	108.6(4)	1_554	203_454 N
O1	Si	O5	108.6(4)	104_543	102_544 N
O1	Si	O5	103.5(4)	104_543	203_454 N
O5	Si	O5	118.8(8)	102_544	203_454 N
O2	Si2	O3	107.1(5)	1_555	2_555 N
O2	Si2	O4	107.8(5)	1_555	1_555 N
O2	Si2	O5	104.2(5)	1_555	1_555 N
O3	Si2	O4	113.8(6)	2_555	1_555 N
O3	Si2	O5	117.3(6)	2_555	1_555 N
O4	Si2	O5	105.9(5)	1_555	1_555 N

O1	Al	O2	107.1(5)	1_555	.	1_555	N
O1	Al	O3	105.6(5)	1_555	.	1_555	N
O1	Al	O4	121.6(5)	1_555	.	203_454	N
O2	Al	O3	108.5(5)	1_555	.	1_555	N
O2	Al	O4	104.1(4)	1_555	.	203_454	N
O3	Al	O4	109.4(5)	1_555	.	203_454	N
Si	O1	Al	137.8(6)	1_556	.	1_555	N
Si2	O2	Al	138.1(5)	1_555	.	1_555	N
Si2	O3	Al	135.9(6)	102_544	.	1_555	N
Si2	O4	Al	133.3(6)	1_555	.	3_555	N
Si	O5	Si2	136.7(7)	2_555	.	1_555	N
OW1	Cd	OW1	149.87(19)	3_555	.	102_545	N
Cd	OW1	Cd	109.6(4)	2_554	.	203_454	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       94.308 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
Cd       7.909 0.000  0.000
19.2214 0.59460 17.6444 6.90890 4.46100 24.7008 1.60290 87.4825 5.06940
International_Tables_Vol_C
_diffraction_radiation_probe      x-ray
_diffraction_radiation_polarisation_ratio      0.95
_diffraction_radiation_wavelength      0.72959
_diffraction_radiation_type      ?
_pd_proc_ls_profile_R_factor      0.0522
_pd_proc_ls_profile_wR_factor      0.0713
_pd_proc_ls_profile_wR_expected      0.0163
_refine_ls_R_Fsqd_factor      0.16274

_pd_proc_ls_background_function
; GSAS Background function number 2 with 3 terms.
Cosine Fourier series
1: 0.00000 2: 0.00000 3: 0.00000
;

_exptl_absorption_process_details
; GSAS Absorption/surface roughness correction: function number 0
No correction is applied.
;
_exptl_absorption_correction_T_min      1.00000
_exptl_absorption_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_preference_orient_corr
; March-Dollase
AXIS 1 Ratio= 1.05043 h= 0.000 k= 0.000 l= 1.000
Preferred orientation correction range: Min= 0.86279, Max= 1.07658
;

```

```

_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) = 43.703 #3(GW) = -1.883
#4(GP) = 0.000 #5(LX) = 0.000 #6(LY) = 38.816
#7(S/L) = 0.0005 #8(H/L) = 0.0005
#9(trns) = 0.00 #10(shft)= 0.0000
#11(stec)= -37.24 #12(ptec)= 1.62 #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 2011-03-22T11:27:10
_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 4.4022
_pd_proc_2theta_range_max 61.5972
_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
3764.0 0.0 0.0 .
3721.0 0.0 0.0 .
3678.0 0.0 0.0 .
3689.0 0.0 0.0 .
3672.0 0.0 0.0 .
3636.0 0.0 0.0 .
3682.0 0.0 0.0 .
3720.0 0.0 0.0 .
3669.0 0.0 0.0 .
3794.0 0.0 0.0 .
3669.0 0.0 0.0 .
3747.0 0.0 0.0 .
3764.0 0.0 0.0 .
3627.0 0.0 0.0 .
3643.0 0.0 0.0 .
3726.0 0.0 0.0 .
3675.0 0.0 0.0 .
3640.0 0.0 0.0 .
3631.0 0.0 0.0 .
3751.0 0.0 0.0 .

```

3744.0	0.0	0.0	.
3735.0	0.0	0.0	.
3589.0	0.0	0.0	.
3597.0	0.0	0.0	.
3696.0	0.0	0.0	.
3697.0	0.0	0.0	.
3658.0	0.0	0.0	.
3678.0	0.0	0.0	.
3725.0	0.0	0.0	.
3836.0	0.0	0.0	.
3826.0	0.0	0.0	.
3734.0	0.0	0.0	.
3760.0	0.0	0.0	.
3729.0	0.0	0.0	.
3716.0	0.0	0.0	.
3658.0	0.0	0.0	.
3768.0	0.0	0.0	.
3635.0	0.0	0.0	.
3674.0	0.0	0.0	.
3637.0	0.0	0.0	.
3730.0	0.0	0.0	.
3773.0	0.0	0.0	.
3760.0	0.0	0.0	.
3669.0	0.0	0.0	.
3819.0	0.0	0.0	.
3739.0	0.0	0.0	.
3816.0	0.0	0.0	.
3767.0	0.0	0.0	.
3719.0	0.0	0.0	.
3683.0	0.0	0.0	.
3788.0	0.0	0.0	.
3705.0	0.0	0.0	.
3731.0	0.0	0.0	.
3677.0	0.0	0.0	.
3725.0	0.0	0.0	.
3791.0	0.0	0.0	.
3669.0	0.0	0.0	.
3794.0	0.0	0.0	.
3790.0	0.0	0.0	.
3543.0	0.0	0.0	.
3800.0	0.0	0.0	.
3681.0	0.0	0.0	.
3710.0	0.0	0.0	.
3789.0	0.0	0.0	.
3620.0	0.0	0.0	.
3788.0	0.0	0.0	.
3806.0	0.0	0.0	.
3670.0	0.0	0.0	.
3653.0	0.0	0.0	.
3823.0	0.0	0.0	.
3762.0	0.0	0.0	.
3745.0	0.0	0.0	.
3737.0	0.0	0.0	.
3601.0	0.0	0.0	.

3774.0	0.0	0.0	.
3710.0	0.0	0.0	.
3732.0	0.0	0.0	.
3667.0	0.0	0.0	.
3804.0	0.0	0.0	.
3775.0	0.0	0.0	.
3644.0	0.0	0.0	.
3792.0	0.0	0.0	.
3727.0	0.0	0.0	.
3896.0	0.0	0.0	.
3752.0	0.0	0.0	.
3781.0	0.0	0.0	.
3619.0	0.0	0.0	.
3733.0	0.0	0.0	.
3684.0	0.0	0.0	.
3664.0	0.0	0.0	.
3694.0	0.0	0.0	.
3671.0	0.0	0.0	.
3693.0	0.0	0.0	.
3674.0	0.0	0.0	.
3665.0	0.0	0.0	.
3569.0	0.0	0.0	.
3831.0	0.0	0.0	.
3644.0	0.0	0.0	.
3686.0	0.0	0.0	.
3646.0	0.0	0.0	.
3658.0	0.0	0.0	.
3742.0	0.0	0.0	.
3749.0	0.0	0.0	.
3732.0	0.0	0.0	.
3741.0	0.0	0.0	.
3753.0	0.0	0.0	.
3783.0	0.0	0.0	.
3731.0	0.0	0.0	.
3819.0	0.0	0.0	.
3782.0	0.0	0.0	.
3810.0	0.0	0.0	.
3746.0	0.0	0.0	.
3638.0	0.0	0.0	.
3746.0	0.0	0.0	.
3700.0	0.0	0.0	.
3700.0	0.0	0.0	.
3754.0	0.0	0.0	.
3762.0	0.0	0.0	.
3783.0	0.0	0.0	.
3654.0	0.0	0.0	.
3746.0	0.0	0.0	.
3839.0	0.0	0.0	.
3688.0	0.0	0.0	.
3763.0	0.0	0.0	.
3722.0	0.0	0.0	.
3760.0	0.0	0.0	.
3827.0	0.0	0.0	.
3768.0	0.0	0.0	.

3674.0	0.0	0.0	.
3715.0	0.0	0.0	.
3689.0	0.0	0.0	.
3677.0	0.0	0.0	.
3722.0	0.0	0.0	.
3757.0	0.0	0.0	.
3727.0	0.0	0.0	.
3619.0	0.0	0.0	.
3760.0	0.0	0.0	.
3837.0	0.0	0.0	.
3732.0	0.0	0.0	.
3760.0	0.0	0.0	.
3749.0	0.0	0.0	.
3708.0	0.0	0.0	.
3718.0	0.0	0.0	.
3740.0	0.0	0.0	.
3706.0	0.0	0.0	.
3631.0	0.0	0.0	.
3756.0	0.0	0.0	.
3685.0	0.0	0.0	.
3842.0	0.0	0.0	.
3821.0	0.0	0.0	.
3763.0	0.0	0.0	.
3710.0	0.0	0.0	.
3689.0	0.0	0.0	.
3739.0	0.0	0.0	.
3637.0	0.0	0.0	.
3794.0	0.0	0.0	.
3702.0	0.0	0.0	.
3734.0	0.0	0.0	.
3730.0	0.0	0.0	.
3617.0	0.0	0.0	.
3669.0	0.0	0.0	.
3712.0	0.0	0.0	.
3759.0	0.0	0.0	.
3743.0	0.0	0.0	.
3837.0	0.0	0.0	.
3598.0	0.0	0.0	.
3744.0	0.0	0.0	.
3715.0	0.0	0.0	.
3695.0	0.0	0.0	.
3761.0	0.0	0.0	.
3761.0	0.0	0.0	.
3807.0	0.0	0.0	.
3667.0	0.0	0.0	.
3683.0	0.0	0.0	.
3827.0	0.0	0.0	.
3748.0	0.0	0.0	.
3740.0	0.0	0.0	.
3818.0	0.0	0.0	.
3692.0	0.0	0.0	.
3767.0	0.0	0.0	.
3722.0	0.0	0.0	.
3746.0	0.0	0.0	.

3771.0	0.0	0.0	.
3755.0	0.0	0.0	.
3776.0	0.0	0.0	.
3756.0	0.0	0.0	.
3812.0	0.0	0.0	.
3795.0	0.0	0.0	.
3746.0	0.0	0.0	.
3802.0	0.0	0.0	.
3802.0	0.0	0.0	.
3906.0	0.0	0.0	.
3736.0	0.0	0.0	.
3849.0	0.0	0.0	.
3792.0	0.0	0.0	.
3650.0	0.0	0.0	.
3877.0	0.0	0.0	.
3661.0	0.0	0.0	.
3663.0	0.0	0.0	.
3771.0	0.0	0.0	.
3785.0	0.0	0.0	.
3780.0	0.0	0.0	.
3889.0	0.0	0.0	.
3746.0	0.0	0.0	.
3681.0	0.0	0.0	.
3839.0	0.0	0.0	.
3751.0	0.0	0.0	.
3732.0	0.0	0.0	.
3766.0	0.0	0.0	.
3796.0	0.0	0.0	.
3754.0	0.0	0.0	.
3817.0	0.0	0.0	.
3804.0	0.0	0.0	.
3900.0	0.0	0.0	.
3878.0	0.0	0.0	.
3747.0	0.0	0.0	.
3730.0	0.0	0.0	.
3739.0	0.0	0.0	.
3801.0	0.0	0.0	.
3742.0	0.0	0.0	.
3806.0	0.0	0.0	.
3696.0	0.0	0.0	.
3861.0	0.0	0.0	.
3879.0	0.0	0.0	.
3692.0	0.0	0.0	.
3735.0	0.0	0.0	.
3877.0	0.0	0.0	.
3765.0	0.0	0.0	.
3849.0	0.0	0.0	.
3778.0	0.0	0.0	.
3767.0	0.0	0.0	.
3889.0	0.0	0.0	.
3749.0	0.0	0.0	.
3769.0	0.0	0.0	.
3834.0	0.0	0.0	.
3983.0	0.0	0.0	.

3862.0	0.0	0.0	.
3836.0	0.0	0.0	.
3774.0	0.0	0.0	.
3785.0	0.0	0.0	.
3908.0	0.0	0.0	.
3836.0	0.0	0.0	.
3813.0	0.0	0.0	.
3837.0	0.0	0.0	.
3774.0	0.0	0.0	.
3923.0	0.0	0.0	.
3880.0	0.0	0.0	.
3904.0	0.0	0.0	.
3868.0	0.0	0.0	.
3929.0	0.0	0.0	.
3920.0	0.0	0.0	.
3992.0	0.0	0.0	.
3869.0	0.0	0.0	.
3889.0	0.0	0.0	.
4030.0	0.0	0.0	.
4080.0	0.0	0.0	.
3969.0	0.0	0.0	.
4094.0	0.0	0.0	.
4154.0	0.0	0.0	.
4021.0	0.0	0.0	.
4002.0	0.0	0.0	.
4122.0	0.0	0.0	.
4184.0	0.0	0.0	.
4154.0	0.0	0.0	.
4446.0	0.0	0.0	.
4334.0	0.0	0.0	.
4332.0	0.0	0.0	.
4532.0	0.0	0.0	.
4617.0	0.0	0.0	.
4626.0	0.0	0.0	.
4858.0	0.0	0.0	.
4737.0	0.0	0.0	.
4941.0	0.0	0.0	.
5038.0	0.0	0.0	.
5209.0	0.0	0.0	.
5451.0	0.0	0.0	.
5698.0	0.0	0.0	.
5758.0	0.0	0.0	.
6096.0	0.0	0.0	.
6415.0	0.0	0.0	.
6898.0	0.0	0.0	.
7141.0	0.0	0.0	.
7190.0	0.0	0.0	.
7514.0	0.0	0.0	.
7944.0	0.0	0.0	.
8301.0	0.0	0.0	.
8665.0	0.0	0.0	.
8798.0	0.0	0.0	.
9112.0	0.0	0.0	.
9265.0	0.0	0.0	.

9415.0	0.0	0.0	.
9373.0	0.0	0.0	.
9314.0	0.0	0.0	.
9421.0	0.0	0.0	.
9405.0	0.0	0.0	.
9024.0	0.0	0.0	.
8934.0	0.0	0.0	.
8680.0	0.0	0.0	.
8470.0	0.0	0.0	.
7985.0	0.0	0.0	.
8039.0	0.0	0.0	.
7528.0	0.0	0.0	.
7373.0	0.0	0.0	.
7187.0	0.0	0.0	.
7021.0	0.0	0.0	.
6674.0	0.0	0.0	.
6355.0	0.0	0.0	.
6223.0	0.0	0.0	.
5903.0	0.0	0.0	.
5791.0	0.0	0.0	.
5469.0	0.0	0.0	.
5456.0	0.0	0.0	.
5449.0	0.0	0.0	.
5176.0	0.0	0.0	.
5079.0	0.0	0.0	.
4987.0	0.0	0.0	.
4905.0	0.0	0.0	.
4848.0	0.0	0.0	.
4803.0	0.0	0.0	.
4617.0	0.0	0.0	.
4684.0	0.0	0.0	.
4483.0	0.0	0.0	.
4738.0	0.0	0.0	.
4600.0	0.0	0.0	.
4471.0	0.0	0.0	.
4637.0	0.0	0.0	.
4581.0	0.0	0.0	.
4595.0	0.0	0.0	.
4412.0	0.0	0.0	.
4382.0	0.0	0.0	.
4366.0	0.0	0.0	.
4421.0	0.0	0.0	.
4283.0	0.0	0.0	.
4382.0	0.0	0.0	.
4362.0	0.0	0.0	.
4291.0	0.0	0.0	.
4347.0	0.0	0.0	.
4376.0	0.0	0.0	.
4377.0	0.0	0.0	.
4356.0	0.0	0.0	.
4227.0	0.0	0.0	.
4294.0	0.0	0.0	.
4278.0	0.0	0.0	.
4298.0	0.0	0.0	.

4364.0	0.0	0.0	.
4344.0	0.0	0.0	.
4313.0	0.0	0.0	.
4305.0	0.0	0.0	.
4211.0	0.0	0.0	.
4209.0	0.0	0.0	.
4348.0	0.0	0.0	.
4269.0	0.0	0.0	.
4028.0	0.0	0.0	.
4206.0	0.0	0.0	.
4473.0	0.0	0.0	.
4288.0	0.0	0.0	.
4252.0	0.0	0.0	.
4136.0	0.0	0.0	.
4273.0	0.0	0.0	.
4265.0	0.0	0.0	.
4344.0	0.0002296	4293.60010	1.08805
4164.0	0.0002367	4293.60010	1.15962
4197.0	0.0002367	4293.60010	1.23847
4310.0	0.0002296	4293.60010	1.32561
4294.0	0.0002296	4293.60010	1.42223
4263.0	0.0002367	4293.60010	1.52977
4426.0	0.0002228	4293.60010	1.64991
4496.0	0.0002228	4293.60010	1.78469
4314.0	0.0002296	4304.30371	1.93659
4266.0	0.0002367	4322.14551	2.10860
4436.0	0.0002228	4339.98682	2.30441
4312.0	0.0002296	4357.82813	2.52858
4385.0	0.0002296	4375.66797	2.78682
4359.0	0.0002296	4393.50928	3.08631
4266.0	0.0002367	4411.35059	3.43624
4450.0	0.0002228	4429.19189	3.84843
4401.0	0.0002296	4447.03174	4.33836
4485.0	0.0002228	4464.87305	4.92653
4441.0	0.0002228	4482.71484	5.64062
4521.0	0.0002228	4500.55615	6.51887
4447.0	0.0002228	4518.39600	7.61647
4543.0	0.0002228	4536.23730	9.01904
4571.0	0.0002163	4554.07861	10.87366
4624.0	0.0002163	4571.91992	13.45621
4560.0	0.0002163	4589.75977	17.29490
4605.0	0.0002163	4608.97266	23.33811
4735.0	0.0002100	4628.18604	33.06874
4739.0	0.0002100	4647.39893	48.36416
4885.0	0.0002041	4666.61035	70.88789
4723.0	0.0002100	4685.82373	100.83002
4938.0	0.0002041	4705.03662	134.44008
4967.0	0.0002041	4724.25000	160.24765
4923.0	0.0002041	4743.46094	162.35133
4943.0	0.0002041	4762.67432	139.14224
4884.0	0.0002041	4781.88721	105.74074
4985.0	0.0001984	4801.10059	74.87722
5199.0	0.0001929	4820.31348	51.20967
4963.0	0.0002041	4839.52490	34.93269

5082.0	0.0001984	4858.73779	24.50191
5064.0	0.0001984	4877.95117	18.01985
5271.0	0.0001877	4897.16406	13.92727
5254.0	0.0001929	4916.37549	11.20045
5312.0	0.0001877	4935.58887	9.25999
5250.0	0.0001929	4954.80176	7.80197
5181.0	0.0001929	4974.01514	6.66569
5028.0	0.0001984	4993.22607	5.75902
5187.0	0.0001929	5012.43945	5.02339
5189.0	0.0001929	5031.65234	4.41856
5135.0	0.0001929	5050.86572	3.91554
5042.0	0.0001984	5070.07715	3.49293
5103.0	0.0001984	5089.29004	3.13462
5147.0	0.0001929	5111.56445	2.82830
5028.0	0.0001984	5133.83838	2.56446
5109.0	0.0001984	5156.11035	2.33564
5198.0	0.0001929	5178.38477	2.13595
5065.0	0.0001984	5190.76465	1.96067
5238.0	0.0001929	5188.30127	1.80601
5266.0	0.0001877	5185.83789	1.66886
5236.0	0.0001929	5183.37451	1.54669
5210.0	0.0001929	5180.91064	1.43741
5213.0	0.0001929	5173.81689	1.33926
5156.0	0.0001929	5148.19971	1.25080
5191.0	0.0001929	5122.58447	1.17080
5133.0	0.0001929	5096.96680	1.09821
5063.0	0.0001984	5071.34961	1.03214
5043.0	0.0001984	5045.73193	0.97185
5057.0	0.0001984	5020.11719	0.91667
5060.0	0.0001984	4994.49951	0.86605
4907.0	0.0002041	4968.88232	0.81951
4915.0	0.0002041	4944.95410	0.77660
4890.0	0.0002041	4927.78271	0.73698
4919.0	0.0002041	4910.60938	0.70030
4798.0	0.0002100	4893.43604	0.66629
4811.0	0.0002100	4876.26270	0.63469
4804.0	0.0002100	4859.09131	0.60529
4768.0	0.0002100	4841.91797	0.57788
4730.0	0.0002100	4824.74463	0.55229
4837.0	0.0002041	4807.57129	0.52835
4802.0	0.0002100	4790.39990	0.50594
4758.0	0.0002100	4773.22656	0.48492
4700.0	0.0002100	4756.05322	0.46519
4702.0	0.0002100	4738.87988	0.44663
4685.0	0.0002163	4721.70850	0.42916
4765.0	0.0002100	4704.53516	0.41269
4648.0	0.0002163	4687.36182	0.39716
4644.0	0.0002163	4670.18848	0.38248
4631.0	0.0002163	4653.01514	0.36860
4513.0	0.0002228	4635.84375	0.35546
4649.0	0.0002163	4618.67041	0.34301
4404.0	0.0002296	4601.49707	0.33121
4541.0	0.0002228	4584.32373	0.32000
4462.0	0.0002228	4567.15234	0.30935

4542.0	0.0002228	4549.97900	0.29922
4500.0	0.0002228	4532.80566	0.28959
4366.0	0.0002296	4515.63232	0.28041
4498.0	0.0002228	4498.46094	0.27166
4460.0	0.0002228	4481.28760	0.26331
4441.0	0.0002228	4464.11426	0.25534
4382.0	0.0002296	4446.94092	0.24773
4452.0	0.0002228	4429.76953	0.24045
4355.0	0.0002296	4412.59619	0.23349
4437.0	0.0002228	4395.42285	0.22682
4293.0	0.0002296	4378.24951	0.22044
4355.0	0.0002296	4361.07813	0.21432
4451.0	0.0002228	4343.90479	0.20846
4420.0	0.0002296	4332.50977	0.20283
4374.0	0.0002296	4329.78418	0.19742
4331.0	0.0002296	4327.05908	0.0
4362.0	0.0002296	4324.33350	0.0
4390.0	0.0002296	4321.60791	0.0
4274.0	0.0002367	4318.88232	0.0
4345.0	0.0002296	4316.15674	0.0
4358.0	0.0002296	4313.43115	0.0
4348.0	0.0002296	4310.70557	0.0
4316.0	0.0002296	4307.97998	0.0
4354.0	0.0002296	4305.25439	49.26498
4335.0	0.0002296	4302.52881	50.59192
4344.0	0.0002296	4299.80322	51.97316
4321.0	0.0002296	4297.07764	53.41172
4331.0	0.0002296	4294.35205	54.91079
4249.0	0.0002367	4291.62695	56.47383
4378.0	0.0002296	4288.90137	58.10451
4337.0	0.0002296	4286.17578	59.80680
4325.0	0.0002296	4283.45020	61.58495
4315.0	0.0002296	4283.55908	63.44353
4324.0	0.0002296	4285.55811	65.38746
4368.0	0.0002296	4287.55664	67.42205
4275.0	0.0002367	4289.55566	69.55301
4319.0	0.0002296	4291.55420	71.78652
4309.0	0.0002296	4293.55322	74.12926
4316.0	0.0002296	4295.55225	76.58848
4267.0	0.0002367	4297.55078	79.17199
4313.0	0.0002296	4299.54932	81.88834
4224.0	0.0002367	4301.54834	84.74676
4326.0	0.0002296	4303.54736	87.75732
4292.0	0.0002296	4305.54590	90.93100
4309.0	0.0002296	4307.54492	94.27981
4416.0	0.0002296	4309.54346	97.81683
4331.0	0.0002296	4311.54248	101.55643
4333.0	0.0002296	4313.54150	105.51435
4359.0	0.0002296	4315.54004	109.70791
4374.0	0.0002296	4317.53906	114.15614
4387.0	0.0002296	4319.53760	118.88009
4408.0	0.0002296	4321.53662	123.90295
4415.0	0.0002296	4323.53564	129.25046
4375.0	0.0002296	4325.53418	134.95117

4429.0	0.0002228	4327.53320	141.03680
4405.0	0.0002296	4329.53174	147.54276
4429.0	0.0002228	4331.53076	154.50856
4411.0	0.0002296	4333.52930	161.97850
4520.0	0.0002228	4335.52832	170.00233
4462.0	0.0002228	4337.52734	178.63603
4517.0	0.0002228	4339.52588	187.94289
4415.0	0.0002296	4341.52441	197.99454
4520.0	0.0002228	4343.52344	208.87241
4553.0	0.0002228	4345.52246	220.66931
4678.0	0.0002163	4347.52100	233.49147
4640.0	0.0002163	4349.52002	247.46080
4777.0	0.0002100	4351.51855	262.71783
4731.0	0.0002100	4353.51758	279.42520
4823.0	0.0002100	4355.51660	297.77213
4863.0	0.0002041	4357.51514	317.97928
4802.0	0.0002100	4359.51416	340.30576
4908.0	0.0002041	4361.51270	365.05719
5039.0	0.0001984	4363.51172	392.59589
5072.0	0.0001984	4365.51074	423.35416
5033.0	0.0001984	4367.50928	457.85098
5109.0	0.0001984	4369.50830	496.71332
5178.0	0.0001929	4371.50684	540.70459
5312.0	0.0001877	4373.50586	590.76074
5421.0	0.0001826	4375.50439	648.03998
5489.0	0.0001826	4377.50342	713.98724
5425.0	0.0001826	4379.50244	790.42389
5520.0	0.0001826	4381.50098	879.66888
5711.0	0.0001731	4383.49951	984.71069
5797.0	0.0001731	4385.49854	1109.44873
5906.0	0.0001687	4387.49756	1259.05151
5983.0	0.0001687	4389.49609	1440.52209
6318.0	0.0001602	4391.49512	1663.72729
6529.0	0.0001524	4393.49365	1943.63721
6837.0	0.0001452	4395.49268	2305.74805
7379.0	0.0001352	4397.49170	2798.99512
8026.0	0.0001235	4399.49023	3522.76270
8911.0	0.0001132	4401.48926	4672.04395
10468.0	0.0000961	4403.48779	6588.73877
12988.0	0.0000769	4405.48682	9774.89648
17232.0	0.0000583	4407.48584	14797.05273
24362.0	0.0000411	4409.48438	22031.60156
34196.0	0.0000292	4411.48340	31260.72461
45540.0	0.0000220	4413.48193	41104.92578
52599.0	0.0000191	4415.48096	48399.09375
53016.0	0.0000189	4417.47949	49221.87891
46530.0	0.0000214	4419.47852	43029.20313
36581.0	0.0000274	4421.47754	33400.62109
26606.0	0.0000376	4423.47607	23869.96680
18695.0	0.0000533	4425.47461	16159.17285
13963.0	0.0000718	4427.47363	10680.45215
10965.0	0.0000907	4429.47266	7146.31982
9088.0	0.0001108	4431.47119	5004.01807
7968.0	0.0001262	4433.47021	3724.53906

7247.0	0.0001384	4435.46875	2930.13867
6653.0	0.0001487	4437.46777	2398.23096
6273.0	0.0001602	4439.46680	2013.27686
5968.0	0.0001687	4441.46533	1718.39673
5803.0	0.0001731	4443.46436	1484.52112
5650.0	0.0001778	4445.46289	1295.04822
5557.0	0.0001778	4447.46191	1139.27026
5386.0	0.0001877	4449.46045	1009.68091
5278.0	0.0001877	4451.45947	900.77533
5183.0	0.0001929	4453.45850	808.41699
5128.0	0.0001929	4455.45703	729.44550
5121.0	0.0001929	4457.45605	661.41425
5087.0	0.0001984	4459.45459	602.40692
5055.0	0.0001984	4461.45361	550.90601
5026.0	0.0001984	4463.45215	505.69809
5020.0	0.0001984	4465.45117	465.80405
4974.0	0.0001984	4467.44971	430.42688
4975.0	0.0001984	4469.44873	398.91287
4936.0	0.0002041	4471.44775	370.72195
4950.0	0.0002041	4473.44629	345.40475
4964.0	0.0002041	4475.44531	322.58508
4890.0	0.0002041	4477.44385	301.94614
4770.0	0.0002100	4479.44287	283.21964
4769.0	0.0002100	4481.44189	266.17709
4792.0	0.0002100	4483.44043	250.62317
4713.0	0.0002100	4485.43945	236.38986
4826.0	0.0002100	4487.43799	223.33228
4707.0	0.0002100	4489.43701	211.32465
4833.0	0.0002041	4491.43555	200.25769
4913.0	0.0002041	4493.43457	190.03587
4779.0	0.0002100	4495.43359	180.57542
4786.0	0.0002100	4497.43213	171.80278
4772.0	0.0002100	4499.43066	163.65294
4663.0	0.0002163	4501.42969	156.06847
4750.0	0.0002100	4503.42871	148.99832
4744.0	0.0002100	4505.42725	142.39711
4727.0	0.0002100	4507.42627	136.22433
4815.0	0.0002100	4509.42480	130.44376
4776.0	0.0002100	4511.42383	125.02292
4825.0	0.0002100	4513.42285	119.93261
4812.0	0.0002100	4515.42139	115.14651
4788.0	0.0002100	4517.42041	110.64091
4732.0	0.0002100	4519.41895	106.39433
4744.0	0.0002100	4521.41797	102.38734
4883.0	0.0002041	4523.41699	98.60223
4739.0	0.0002100	4525.41553	95.02297
4724.0	0.0002100	4527.41455	91.63490
4803.0	0.0002100	4529.41309	88.42465
4798.0	0.0002100	4531.41211	85.38002
4786.0	0.0002100	4533.41064	82.48981
4725.0	0.0002100	4535.40967	79.74377
4665.0	0.0002163	4537.40869	77.13248
4693.0	0.0002100	4539.40723	74.64725
4755.0	0.0002100	4541.40576	72.28013

4711.0	0.0002100	4543.40479	70.02374
4827.0	0.0002100	4545.40381	67.87131
4717.0	0.0002100	4547.40234	65.81654
4672.0	0.0002163	4549.40137	63.85360
4814.0	0.0002100	4551.39990	61.97711
4584.0	0.0002163	4553.39893	60.18209
4676.0	0.0002163	4555.39795	58.46388
4655.0	0.0002163	4557.39648	56.81816
4667.0	0.0002163	4559.39551	55.24092
4753.0	0.0002100	4561.39404	53.72841
4668.0	0.0002163	4563.39307	52.27714
4712.0	0.0002100	4565.39209	50.88385
4615.0	0.0002163	4567.39063	0.0
4577.0	0.0002163	4569.38965	0.0
4512.0	0.0002228	4571.38818	0.0
4612.0	0.0002163	4573.38721	0.0
4627.0	0.0002163	4575.38574	0.0
4555.0	0.0002228	4577.38477	0.0
4634.0	0.0002163	4579.38379	0.0
4626.0	0.0002163	4581.38232	0.0
4630.0	0.0002163	4583.38086	0.0
4559.0	0.0002163	4585.37988	0.0
4619.0	0.0002163	4587.37891	0.0
4566.0	0.0002163	4589.37744	0.0
4582.0	0.0002163	4591.37646	0.0
4606.0	0.0002163	4593.37500	0.0
4729.0	0.0002100	4595.37402	0.0
4600.0	0.0002163	4597.37305	0.0
4569.0	0.0002163	4599.37158	0.0
4637.0	0.0002163	4601.37061	0.0
4631.0	0.0002163	4606.07275	0.0
4717.0	0.0002100	4614.83105	0.0
4489.0	0.0002228	4623.58887	0.0
4555.0	0.0002228	4632.34619	0.0
4551.0	0.0002228	4641.10449	0.0
4686.0	0.0002163	4649.86230	0.0
4599.0	0.0002163	4658.62061	0.0
4564.0	0.0002163	4667.37793	0.0
4626.0	0.0002163	4676.13623	0.0
4581.0	0.0002163	4684.89404	0.0
4565.0	0.0002163	4693.65234	0.0
4695.0	0.0002100	4702.40967	0.0
4712.0	0.0002100	4711.16748	0.0
4574.0	0.0002163	4719.92578	0.0
4667.0	0.0002163	4728.68408	0.0
4623.0	0.0002163	4737.44141	0.0
4662.0	0.0002163	4746.19922	0.0
4702.0	0.0002100	4754.95752	0.0
4819.0	0.0002100	4763.71533	0.0
4727.0	0.0002100	4772.47266	0.0
4845.0	0.0002041	4781.23096	0.0
4754.0	0.0002100	4789.98926	0.0
4802.0	0.0002100	4798.74707	0.0
4803.0	0.0002100	4807.50439	0.0

4782.0	0.0002100	4816.26270	0.0
4732.0	0.0002100	4825.02051	0.0
4866.0	0.0002041	4833.77881	0.0
4796.0	0.0002100	4842.53711	0.0
4902.0	0.0002041	4851.29443	0.0
4812.0	0.0002100	4860.05225	0.0
4776.0	0.0002100	4868.81055	0.0
4903.0	0.0002041	4877.56836	0.0
4917.0	0.0002041	4886.32568	0.0
4946.0	0.0002041	4895.08398	0.0
4951.0	0.0002041	4903.84229	0.0
4740.0	0.0002100	4912.60010	0.0
4848.0	0.0002041	4921.35742	0.0
5011.0	0.0001984	4930.11572	0.0
5099.0	0.0001984	4938.87354	0.0
5083.0	0.0001984	4947.63184	0.0
4918.0	0.0002041	4956.38916	0.0
4904.0	0.0002041	4965.14746	0.0
4995.0	0.0001984	4973.90527	0.0
5075.0	0.0001984	4982.66357	0.0
5097.0	0.0001984	4991.42090	0.0
5026.0	0.0001984	5000.17871	0.0
5028.0	0.0001984	5008.93701	0.0
5134.0	0.0001929	5018.16113	0.0
5053.0	0.0001984	5027.69434	0.0
4969.0	0.0002041	5037.22852	0.0
5050.0	0.0001984	5046.76318	0.0
5027.0	0.0001984	5056.29736	0.0
5035.0	0.0001984	5065.83154	0.0
5009.0	0.0001984	5075.36523	0.0
5000.0	0.0001984	5084.89941	0.0
5076.0	0.0001984	5094.43408	0.0
5294.0	0.0001877	5103.96826	0.0
5177.0	0.0001929	5113.50146	0.0
5106.0	0.0001984	5123.03613	0.0
5065.0	0.0001984	5132.57031	0.0
5098.0	0.0001984	5142.10449	0.0
5159.0	0.0001929	5151.63818	0.0
5124.0	0.0001929	5161.17236	0.0
5081.0	0.0001984	5170.70703	0.0
5045.0	0.0001984	5180.24121	0.0
5153.0	0.0001929	5189.77441	0.0
5159.0	0.0001929	5199.30908	0.0
5114.0	0.0001929	5208.84326	0.0
5230.0	0.0001929	5218.37744	0.0
5010.0	0.0001984	5227.91113	0.0
5141.0	0.0001929	5237.44531	0.0
5080.0	0.0001984	5246.97949	0.0
5328.0	0.0001877	5256.51416	0.0
5225.0	0.0001929	5266.04736	0.0
5292.0	0.0001877	5275.58203	0.0
5201.0	0.0001929	5285.11621	0.0
5264.0	0.0001877	5294.65039	0.0
5154.0	0.0001929	5304.18506	0.0

5445.0	0.0001826	5313.71924	0.0
5289.0	0.0001877	5323.25342	0.0
5357.0	0.0001877	5332.78613	0.0
5401.0	0.0001877	5342.32031	0.0
5411.0	0.0001826	5351.85498	0.0
5367.0	0.0	0.0	.
5350.0	0.0	0.0	.
5314.0	0.0	0.0	.
5473.0	0.0	0.0	.
5424.0	0.0	0.0	.
5670.0	0.0	0.0	.
5495.0	0.0	0.0	.
5475.0	0.0	0.0	.
5522.0	0.0	0.0	.
5626.0	0.0	0.0	.
5632.0	0.0	0.0	.
5555.0	0.0	0.0	.
5580.0	0.0	0.0	.
5648.0	0.0	0.0	.
5813.0	0.0	0.0	.
5840.0	0.0	0.0	.
5972.0	0.0	0.0	.
6021.0	0.0	0.0	.
6008.0	0.0	0.0	.
6070.0	0.0	0.0	.
6244.0	0.0	0.0	.
6313.0	0.0	0.0	.
6508.0	0.0	0.0	.
6452.0	0.0	0.0	.
6462.0	0.0	0.0	.
6630.0	0.0	0.0	.
6862.0	0.0	0.0	.
7101.0	0.0	0.0	.
7323.0	0.0	0.0	.
7288.0	0.0	0.0	.
7530.0	0.0	0.0	.
7712.0	0.0	0.0	.
8003.0	0.0	0.0	.
8432.0	0.0	0.0	.
8339.0	0.0	0.0	.
8619.0	0.0	0.0	.
9131.0	0.0	0.0	.
9416.0	0.0	0.0	.
9793.0	0.0	0.0	.
10022.0	0.0	0.0	.
10602.0	0.0	0.0	.
10548.0	0.0	0.0	.
11054.0	0.0	0.0	.
11016.0	0.0	0.0	.
11521.0	0.0	0.0	.
11593.0	0.0	0.0	.
11841.0	0.0	0.0	.
11816.0	0.0	0.0	.
11831.0	0.0	0.0	.

11903.0	0.0	0.0	.
11892.0	0.0	0.0	.
11672.0	0.0	0.0	.
11711.0	0.0	0.0	.
11650.0	0.0	0.0	.
11398.0	0.0	0.0	.
11190.0	0.0	0.0	.
11047.0	0.0	0.0	.
10838.0	0.0	0.0	.
10509.0	0.0	0.0	.
10412.0	0.0	0.0	.
10108.0	0.0	0.0	.
9917.0	0.0	0.0	.
9671.0	0.0	0.0	.
9362.0	0.0	0.0	.
9122.0	0.0	0.0	.
8846.0	0.0	0.0	.
8954.0	0.0	0.0	.
8374.0	0.0	0.0	.
8138.0	0.0	0.0	.
7957.0	0.0	0.0	.
7783.0	0.0	0.0	.
7549.0	0.0	0.0	.
7406.0	0.0	0.0	.
7220.0	0.0	0.0	.
7052.0	0.0	0.0	.
6976.0	0.0	0.0	.
6755.0	0.0	0.0	.
6693.0	0.0	0.0	.
6521.0	0.0	0.0	.
6392.0	0.0	0.0	.
6263.0	0.0	0.0	.
6256.0	0.0	0.0	.
6156.0	0.0	0.0	.
6071.0	0.0	0.0	.
6112.0	0.0	0.0	.
6116.0	0.0	0.0	.
6074.0	0.0	0.0	.
6126.0	0.0	0.0	.
6091.0	0.0001644	6200.39160	47.23842
6147.0	0.0001644	6209.92578	48.35246
6015.0	0.0001644	6219.45996	49.50635
6159.0	0.0001644	6228.99463	50.70198
6195.0	0.0001602	6238.52881	51.94141
6169.0	0.0001602	6248.06299	53.22679
6217.0	0.0001602	6274.47021	54.56042
6284.0	0.0001602	6368.33545	55.94476
6323.0	0.0001562	6462.20068	57.38237
6447.0	0.0001562	6556.04834	58.87606
6469.0	0.0001562	6649.91357	60.42874
6649.0	0.0001487	6743.77881	62.04359
6727.0	0.0001487	6837.64404	63.72393
6688.0	0.0001487	6931.50928	65.47338
6932.0	0.0001452	7025.37451	67.29577

6923.0	0.0001452	7119.24023	69.19520
7250.0	0.0001384	7213.10547	71.17606
7218.0	0.0001384	7340.92139	98.95866
7375.0	0.0001352	7519.71729	101.60989
7677.0	0.0001291	7698.51318	104.37208
7748.0	0.0001291	7877.30908	107.25161
7906.0	0.0001262	8056.10449	110.25539
8177.0	0.0001235	8234.90039	113.39081
8441.0	0.0001181	8413.69629	116.66582
8593.0	0.0001156	8592.49219	120.08904
8878.0	0.0001132	8817.35645	123.66972
9037.0	0.0001108	9053.78613	127.41787
9305.0	0.0001085	9290.21680	131.34433
9521.0	0.0001041	9526.64648	135.46085
9739.0	0.0001020	9763.07617	139.78012
9873.0	0.0001020	9922.35059	144.31602
10142.0	0.0000980	10030.19531	149.08359
10174.0	0.0000980	10138.03906	154.09921
10389.0	0.0000961	10245.88379	159.38080
10266.0	0.0000980	10274.07520	164.94786
10315.0	0.0000961	10282.37012	170.82187
10358.0	0.0000961	10290.66406	177.02628
10385.0	0.0000961	10298.95801	183.58688
10176.0	0.0000980	10307.25293	190.53210
10178.0	0.0000980	10202.72070	197.89328
10164.0	0.0000980	10022.98242	205.70500
9997.0	0.0001000	9843.24414	214.00565
9883.0	0.0001020	9663.54004	222.83775
9632.0	0.0001041	9483.80176	232.24870
9370.0	0.0001063	9300.91797	242.29129
9136.0	0.0001085	9105.44727	253.02448
9149.0	0.0001085	8909.97656	264.51450
8744.0	0.0001132	8714.50488	276.83566
8564.0	0.0001156	8519.03418	290.07175
8419.0	0.0001181	8323.56250	304.31747
8263.0	0.0001208	8128.12891	319.68021
8069.0	0.0001235	7989.48096	336.28214
7883.0	0.0001262	7865.04492	354.26263
7743.0	0.0001291	7740.60938	373.78149
7644.0	0.0001321	7616.17334	395.02231
7356.0	0.0001352	7491.73779	418.19717
7271.0	0.0001384	7367.30176	443.55185
7163.0	0.0001384	7242.86621	471.37244
7088.0	0.0001417	7118.43018	501.99387
6996.0	0.0001417	6973.10107	535.80957
6899.0	0.0001452	6827.74365	573.28473
6915.0	0.0001452	6682.38672	614.97192
6968.0	0.0001452	6537.02979	661.53162
6715.0	0.0001487	6430.87305	713.75873
6930.0	0.0001452	6383.52637	772.61658
6913.0	0.0001452	6336.17920	839.28400
6972.0	0.0001452	6288.83252	915.22205
6785.0	0.0001487	6241.49463	1002.27686
6955.0	0.0001452	6194.14795	1102.84961

6931.0	0.0001452	6146.80078	1220.19556
7110.0	0.0001417	6099.45410	1358.95825
7314.0	0.0001352	6057.62939	1526.10559
7519.0	0.0001321	6037.88330	1732.48315
7808.0	0.0001291	6018.13672	1995.17297
8150.0	0.0001235	5998.39063	2340.67017
8709.0	0.0001156	5978.64844	2808.44800
9304.0	0.0001085	5958.90186	3453.80859
10326.0	0.0000961	5939.15576	4348.15771
11664.0	0.0000857	5919.40967	5574.47412
13297.0	0.0000756	5899.66357	7216.14307
15320.0	0.0000650	5879.91699	9338.49902
17806.0	0.0000565	5860.17090	11963.05176
20795.0	0.0000482	5840.42480	15032.13477
23675.0	0.0000422	5820.67871	18356.22852
26800.0	0.0000372	5800.93604	21542.41016
28603.0	0.0000350	5781.18994	23962.01367
29470.0	0.0000338	5772.28516	24920.65430
28402.0	0.0000350	5763.38037	24083.98047
26442.0	0.0000376	5754.47559	21753.22070
23349.0	0.0000427	5745.57080	18615.21875
20147.0	0.0000496	5736.66602	15310.01953
17424.0	0.0000574	5727.76123	12244.37109
14747.0	0.0000683	5718.85840	9617.63672
13004.0	0.0000769	5709.95361	7493.64355
11476.0	0.0000873	5701.04883	5854.62305
10379.0	0.0000961	5692.14404	4637.31006
9359.0	0.0001063	5683.23926	3759.15796
8783.0	0.0001132	5674.33447	3137.22998
8410.0	0.0001181	5665.42969	2699.78882
8062.0	0.0001235	5656.52490	2391.18750
7706.0	0.0001291	5647.62158	2171.82886
7549.0	0.0001321	5638.71680	2015.44165
7506.0	0.0001321	5629.81201	1905.56396
7331.0	0.0001352	5620.90723	1832.39771
7281.0	0.0001384	5612.00244	1790.51233
7286.0	0.0001384	5603.09766	1777.44604
7339.0	0.0001352	5594.19287	1793.08557
7436.0	0.0001352	5586.98486	1839.71362
7486.0	0.0001321	5586.56152	1922.70154
7769.0	0.0001291	5586.13818	2051.86890
7918.0	0.0001262	5585.71436	2243.49951
8234.0	0.0001208	5585.29102	2522.78052
8579.0	0.0001156	5584.86719	2926.02588
9144.0	0.0001085	5584.44385	3501.55542
10018.0	0.0001000	5584.02002	4307.72949
10900.0	0.0000925	5583.59668	5406.74561
12293.0	0.0000812	5583.17285	6853.43994
13840.0	0.0000718	5582.74951	8679.09961
15659.0	0.0000640	5582.32617	10869.70313
18033.0	0.0000557	5581.90234	13334.90234
20305.0	0.0000496	5581.47900	15862.25977
22029.0	0.0000457	5581.05518	18070.75781
23419.0	0.0000427	5580.63184	19442.82422

23963.0	0.0000416	5580.20801	19545.94141
23467.0	0.0000427	5579.78467	18339.14453
22148.0	0.0000450	5579.36084	16206.76855
19744.0	0.0000503	5578.93750	13673.06738
17085.0	0.0000583	5578.51367	11148.47168
14788.0	0.0000672	5578.09033	8871.26465
12801.0	0.0000783	5577.66650	6948.63867
11199.0	0.0000890	5577.24316	5404.74365
9788.0	0.0001020	5576.81934	4213.91455
8993.0	0.0001108	5576.39600	3323.62134
8357.0	0.0001208	5575.97266	2671.49927
7708.0	0.0001291	5575.54883	2197.38916
7330.0	0.0001352	5575.12549	1850.34766
7018.0	0.0001417	5574.70166	1619.43311
6800.0	0.0001487	5574.27832	1421.06628
6582.0	0.0001524	5573.85449	1263.94470
6478.0	0.0001562	5573.43115	1135.87048
6340.0	0.0001562	5573.00732	1029.02686
6286.0	0.0001602	5572.58398	938.33978
6141.0	0.0001644	5572.16064	860.39630
6039.0	0.0001644	5571.73682	792.78601
5993.0	0.0001687	5571.31348	733.72125
5991.0	0.0001687	5570.88965	681.82227
5876.0	0.0001687	5570.46631	635.99329
5834.0	0.0001731	5570.04248	595.34790
5793.0	0.0001731	5569.61914	559.15955
5822.0	0.0001731	5569.19531	526.82758
5744.0	0.0001731	5568.77197	497.85181
5869.0	0.0001687	5568.34814	471.81335
5663.0	0.0001778	5567.92480	448.35959
5708.0	0.0001731	5567.50098	456.00275
5766.0	0.0001731	5567.07764	437.63962
5553.0	0.0001778	5566.65381	421.12466
5768.0	0.0001731	5566.23047	406.27478
5590.0	0.0001778	5565.80713	392.93338
5628.0	0.0001778	5565.38330	380.96634
5586.0	0.0001778	5564.95996	370.25876
5587.0	0.0001778	5564.53613	360.71234
5606.0	0.0001778	5564.11279	352.24301
5614.0	0.0001778	5563.68896	344.77945
5568.0	0.0001778	5563.26563	338.26126
5638.0	0.0001778	5562.84180	332.63821
5522.0	0.0001826	5562.41846	327.86880
5528.0	0.0001826	5561.99463	323.91986
5469.0	0.0001826	5560.97998	320.76581
5562.0	0.0001778	5559.81689	318.38821
5642.0	0.0001778	5558.65430	316.77563
5538.0	0.0001826	5557.49121	315.92328
5517.0	0.0001826	5556.32861	315.83313
5543.0	0.0001826	5555.16553	316.51401
5701.0	0.0001731	5554.00293	317.98163
5655.0	0.0001778	5552.83984	320.25937
5656.0	0.0001778	5551.67725	323.37848
5546.0	0.0001826	5550.51416	327.37885

5529.0	0.0001826	5549.35156	332.31006
5596.0	0.0001778	5548.18848	338.23245
5566.0	0.0001778	5547.02588	345.21866
5588.0	0.0001778	5545.86279	353.35529
5608.0	0.0001778	5544.69971	362.74536
5659.0	0.0001778	5543.53711	373.51089
5674.0	0.0001778	5542.37402	385.79651
5765.0	0.0001731	5541.21143	399.77365
5704.0	0.0001731	5540.04883	415.64597
5751.0	0.0001731	5538.88574	433.65610
5784.0	0.0001731	5537.72266	454.09427
5849.0	0.0001731	5536.56006	477.30914
5826.0	0.0001731	5535.39697	503.72177
5875.0	0.0001687	5534.23438	533.84406
5990.0	0.0001687	5533.07129	568.30310
6057.0	0.0001644	5531.90869	576.70953
5981.0	0.0001687	5530.74609	622.94812
6068.0	0.0001644	5529.58301	676.51740
6216.0	0.0001602	5528.41992	739.11224
6178.0	0.0001602	5527.25732	813.16321
6387.0	0.0001562	5526.09424	902.42792
6567.0	0.0001524	5524.93164	1013.11359
6768.0	0.0001487	5523.76855	1161.21936
6977.0	0.0001417	5522.60596	1354.16089
7218.0	0.0001384	5521.44287	1626.76453
7635.0	0.0001321	5520.28027	2024.07935
8228.0	0.0001208	5519.11719	2608.58203
8701.0	0.0001156	5517.95459	3456.82715
9562.0	0.0001041	5516.79150	4647.73730
11003.0	0.0000907	5515.62891	6241.36328
12785.0	0.0000783	5514.46582	8249.92285
14713.0	0.0000683	5513.30273	10603.88770
17072.0	0.0000583	5512.14014	13111.97754
19008.0	0.0000525	5510.97754	15416.66895
20006.0	0.0000503	5509.81445	16997.96289
20044.0	0.0000496	5508.65186	17362.31055
19315.0	0.0000518	5507.48877	16395.64258
17658.0	0.0000565	5506.32568	14467.65430
16082.0	0.0000620	5505.16309	12132.25879
14192.0	0.0000706	5504.00000	9838.67676
12873.0	0.0000783	5502.83740	7865.49561
11793.0	0.0000842	5501.67480	6359.82178
11050.0	0.0000907	5500.51172	5384.78857
10777.0	0.0000925	5499.34912	4957.88818
10900.0	0.0000925	5498.18604	5079.73486
11337.0	0.0000890	5497.02295	5748.72705
12047.0	0.0000826	5495.86035	6957.51123
13275.0	0.0000756	5494.69727	8676.04004
14517.0	0.0000694	5493.53467	10805.47949
16527.0	0.0000601	5492.37207	13158.05566
18031.0	0.0000557	5491.20898	15395.54004
18879.0	0.0000533	5490.04590	16992.25781
19516.0	0.0000510	5488.88330	17481.61719
18754.0	0.0000533	5487.72021	16633.30859

17368.0	0.0000574	5486.55762	14731.35938
15822.0	0.0000630	5485.39453	12306.68359
13790.0	0.0000731	5484.23193	9822.83594
12380.0	0.0000812	5483.06885	7571.12988
10877.0	0.0000925	5481.90625	5694.91846
9501.0	0.0001063	5480.74316	4232.74414
8801.0	0.0001132	5479.58057	3154.57544
7958.0	0.0001262	5478.41748	2393.13257
7683.0	0.0001291	5477.25488	1869.87830
7158.0	0.0001384	5476.09180	1512.84973
6558.0	0.0001524	5474.92871	1265.41333
6587.0	0.0001524	5473.76611	1087.75342
6424.0	0.0001562	5472.60352	954.19720
6244.0	0.0001602	5471.44043	849.17816
6185.0	0.0001602	5470.27783	763.55396
6039.0	0.0001644	5469.11475	691.93024
6009.0	0.0001644	5467.95215	630.98486
6053.0	0.0001644	5466.78906	578.52539
5837.0	0.0001731	5465.62598	532.99500
5772.0	0.0001731	5464.46338	493.22235
5864.0	0.0001687	5463.30078	458.29141
5620.0	0.0001778	5462.13770	427.46936
5708.0	0.0001731	5460.97510	400.16119
5665.0	0.0001778	5459.81201	375.87924
5598.0	0.0001778	5458.64893	354.22070
5696.0	0.0001778	5457.48633	334.85098
5581.0	0.0001778	5456.32324	317.49033
5781.0	0.0001731	5455.16064	301.90390
5513.0	0.0001826	5453.99805	287.89380
5530.0	0.0001826	5452.83496	275.29269
5482.0	0.0001826	5451.67188	263.95868
5373.0	0.0001877	5450.50928	253.77142
5600.0	0.0001778	5449.34619	244.62880
5460.0	0.0001826	5448.18359	236.44440
5622.0	0.0001778	5447.02051	229.14525
5478.0	0.0001826	5445.85791	222.67036
5465.0	0.0001826	5444.69531	216.96933
5589.0	0.0001778	5443.53223	212.00124
5588.0	0.0001778	5442.36914	207.73396
5486.0	0.0001826	5441.20654	204.14359
5371.0	0.0001877	5440.04346	201.21413
5514.0	0.0001826	5438.88086	198.93724
5438.0	0.0001826	5437.71777	197.31248
5553.0	0.0001778	5436.55518	196.34740
5424.0	0.0001826	5435.68311	196.05807
5483.0	0.0001826	5435.00488	196.46991
5486.0	0.0001826	5434.32617	197.61864
5430.0	0.0001826	5433.64795	199.55167
5482.0	0.0001826	5432.96973	202.33003
5392.0	0.0001877	5432.29150	206.03073
5407.0	0.0001826	5431.61328	210.75015
5341.0	0.0001877	5430.93457	216.60858
5355.0	0.0001877	5430.25635	223.75682
5478.0	0.0001826	5429.57813	232.38651

5441.0	0.0001826	5428.89990	242.74684
5508.0	0.0001826	5428.22168	255.17241
5424.0	0.0001826	5427.54346	241.58015
5422.0	0.0001826	5426.86475	260.48737
5566.0	0.0001778	5426.18652	283.57950
5416.0	0.0001826	5425.50830	312.36694
5483.0	0.0001826	5424.83008	349.09546
5680.0	0.0001778	5424.15186	397.01624
5627.0	0.0001778	5423.47363	460.64081
5581.0	0.0001778	5422.79541	545.88641
5547.0	0.0001826	5422.11670	659.98315
5605.0	0.0001778	5421.43848	811.00916
5916.0	0.0001687	5420.76025	1006.95880
5925.0	0.0001687	5420.08203	1254.31921
6095.0	0.0001644	5419.40381	1556.16858
6390.0	0.0001562	5418.72559	1909.69507
6814.0	0.0001452	5418.04688	2302.72974
7054.0	0.0001417	5417.36865	2708.77246
7156.0	0.0001384	5416.69043	3081.65674
7373.0	0.0001352	5416.01221	3356.43091
7465.0	0.0001352	5415.33398	3439.20264
7286.0	0.0001384	5414.65576	3357.41211
7438.0	0.0001352	5413.97705	3106.70679
6973.0	0.0001417	5413.29883	2750.48853
6686.0	0.0001487	5412.62061	2355.24756
6529.0	0.0001524	5411.94238	1969.71094
6325.0	0.0001562	5411.26416	1622.60254
6257.0	0.0001602	5410.58594	1327.79163
5871.0	0.0001687	5409.90723	1089.48743
5802.0	0.0001731	5409.22900	905.94598
5932.0	0.0001687	5408.55078	772.15985
5732.0	0.0001731	5407.87256	681.97003
5700.0	0.0001731	5407.19434	629.70227
5620.0	0.0001778	5406.51611	611.27246
5534.0	0.0001826	5405.83789	624.70813
5590.0	0.0001778	5405.15918	670.09802
5595.0	0.0001778	5404.48096	749.03046
5671.0	0.0001778	5403.80273	863.62280
5840.0	0.0001731	5403.12451	1015.24542
5974.0	0.0001687	5402.44629	1202.98279
6042.0	0.0001644	5401.76807	1421.70789
5905.0	0.0001687	5401.08936	1659.44373
6210.0	0.0001602	5400.41113	1893.97876
6153.0	0.0001644	5399.73291	2090.72437
6376.0	0.0001562	5399.05469	2207.59204
6317.0	0.0001602	5398.37646	2211.85693
6408.0	0.0001562	5397.69824	2100.00928
6222.0	0.0001602	5397.01953	1900.10168
6127.0	0.0001644	5396.34131	1653.78064
6174.0	0.0001602	5395.66309	1397.50085
5915.0	0.0001687	5394.98486	1155.43494
5830.0	0.0001731	5394.30664	940.76611
5408.0	0.0001826	5393.62842	759.01624
5730.0	0.0001731	5392.94971	610.74054

5678.0	0.0001778	5392.27148	493.39178
5623.0	0.0001778	5391.59326	402.68942
5685.0	0.0001778	5390.91504	333.67810
5519.0	0.0001826	5390.23682	281.50537
5531.0	0.0001826	5389.55859	241.91139
5464.0	0.0001826	5388.88037	211.45305
5435.0	0.0001826	5388.20166	187.52481
5407.0	0.0001826	5387.52344	168.25493
5391.0	0.0001877	5386.84521	152.34917
5621.0	0.0001778	5386.16699	138.93243
5440.0	0.0001826	5385.48877	127.41572
5424.0	0.0001826	5384.81055	117.39688
5406.0	0.0001826	5384.13184	108.59299
5494.0	0.0001826	5383.45361	100.79693
5416.0	0.0001826	5382.77539	93.85091
5436.0	0.0001826	5382.09717	87.63047
5619.0	0.0001778	5381.41895	82.03490
5425.0	0.0001826	5380.74023	76.98118
5490.0	0.0001826	5380.06201	72.39999
5533.0	0.0001826	5379.38379	68.23294
5260.0	0.0001877	5378.70557	64.43049
5404.0	0.0001826	5378.02734	60.95036
5478.0	0.0001826	5377.34912	57.75628
5339.0	0.0001877	5376.67090	54.81701
5462.0	0.0001826	5375.99219	52.10550
5405.0	0.0001826	5375.31396	49.59826
5547.0	0.0001826	5374.63574	47.27474
5615.0	0.0001778	5373.95752	45.11700
5413.0	0.0001826	5373.27930	43.10924
5332.0	0.0001877	5372.60107	41.23752
5232.0	0.0001929	5371.92285	39.48952
5447.0	0.0001826	5371.29199	37.85431
5473.0	0.0001826	5370.85303	36.32214
5357.0	0.0001877	5370.41406	34.88432
5312.0	0.0001877	5369.97510	33.53307
5347.0	0.0001877	5369.53613	32.26141
5268.0	0.0001877	5369.09717	31.06306
5438.0	0.0001826	5368.65820	29.93235
5494.0	0.0001826	5368.21875	28.86417
5343.0	0.0001877	5367.77979	27.85389
5487.0	0.0001826	5367.34082	26.89729
5316.0	0.0001877	5366.90186	25.99055
5546.0	0.0001826	5366.46289	25.13020
5384.0	0.0001877	5366.02393	24.31304
5436.0	0.0001826	5365.58496	23.53617
5394.0	0.0001877	5365.14600	22.79694
5405.0	0.0001826	5364.70703	22.09288
5425.0	0.0001826	5364.26758	21.42177
5458.0	0.0001826	5363.82861	20.78153
5359.0	0.0001877	5363.38965	20.17027
5396.0	0.0001877	5362.95068	19.58621
5292.0	0.0001877	5362.51172	19.02775
5387.0	0.0001877	5362.07275	18.49338
5412.0	0.0001826	5361.63379	17.98170

5310.0	0.0001877	5361.19482	17.49143
5359.0	0.0001877	5360.75537	17.02136
5392.0	0.0001877	5360.31641	16.57039
5383.0	0.0001877	5359.87744	16.13746
5295.0	0.0001877	5359.43848	15.72162
5356.0	0.0001877	5358.99951	15.32196
5348.0	0.0001877	5358.56055	14.93764
5374.0	0.0001877	5358.12158	14.56787
5370.0	0.0001877	5357.68262	14.21191
5377.0	0.0001877	5357.24365	13.86907
5317.0	0.0001877	5355.80615	13.53871
5468.0	0.0001826	5352.87061	13.22022
5368.0	0.0	0.0	.
5383.0	0.0	0.0	.
5416.0	0.0	0.0	.
5323.0	0.0	0.0	.
5426.0	0.0	0.0	.
5386.0	0.0	0.0	.
5471.0	0.0	0.0	.
5471.0	0.0	0.0	.
5378.0	0.0	0.0	.
5404.0	0.0	0.0	.
5391.0	0.0	0.0	.
5541.0	0.0	0.0	.
5569.0	0.0	0.0	.
5511.0	0.0	0.0	.
5493.0	0.0	0.0	.
5668.0	0.0	0.0	.
5686.0	0.0	0.0	.
5706.0	0.0	0.0	.
5726.0	0.0	0.0	.
5709.0	0.0	0.0	.
5773.0	0.0	0.0	.
5837.0	0.0	0.0	.
5844.0	0.0	0.0	.
5923.0	0.0	0.0	.
5953.0	0.0	0.0	.
5949.0	0.0	0.0	.
5964.0	0.0	0.0	.
6058.0	0.0	0.0	.
6062.0	0.0	0.0	.
6208.0	0.0	0.0	.
6172.0	0.0	0.0	.
6176.0	0.0	0.0	.
6223.0	0.0	0.0	.
6277.0	0.0	0.0	.
6246.0	0.0	0.0	.
6281.0	0.0	0.0	.
6163.0	0.0	0.0	.
6331.0	0.0	0.0	.
6183.0	0.0	0.0	.
6040.0	0.0	0.0	.
6161.0	0.0	0.0	.
6241.0	0.0	0.0	.

6193.0	0.0	0.0	.
6136.0	0.0	0.0	.
6099.0	0.0	0.0	.
6114.0	0.0	0.0	.
6093.0	0.0	0.0	.
6234.0	0.0	0.0	.
6167.0	0.0	0.0	.
6080.0	0.0	0.0	.
6083.0	0.0	0.0	.
6129.0	0.0	0.0	.
6158.0	0.0	0.0	.
6100.0	0.0	0.0	.
6144.0	0.0	0.0	.
6057.0	0.0	0.0	.
6097.0	0.0	0.0	.
6005.0	0.0	0.0	.
6058.0	0.0	0.0	.
6120.0	0.0	0.0	.
6106.0	0.0	0.0	.
6029.0	0.0	0.0	.
6036.0	0.0	0.0	.
6121.0	0.0	0.0	.
6037.0	0.0	0.0	.
6161.0	0.0	0.0	.
5986.0	0.0	0.0	.
6058.0	0.0	0.0	.
6040.0	0.0	0.0	.
6082.0	0.0	0.0	.
5952.0	0.0	0.0	.
5989.0	0.0	0.0	.
5892.0	0.0	0.0	.
5887.0	0.0	0.0	.
5847.0	0.0	0.0	.
5704.0	0.0	0.0	.
5789.0	0.0	0.0	.
5799.0	0.0	0.0	.
5659.0	0.0	0.0	.
5518.0	0.0	0.0	.
5683.0	0.0	0.0	.
5556.0	0.0	0.0	.
5503.0	0.0	0.0	.
5503.0	0.0	0.0	.
5478.0	0.0	0.0	.
5490.0	0.0	0.0	.
5474.0	0.0	0.0	.
5433.0	0.0	0.0	.
5462.0	0.0	0.0	.
5288.0	0.0	0.0	.
5356.0	0.0	0.0	.
5213.0	0.0	0.0	.
5346.0	0.0	0.0	.
5234.0	0.0	0.0	.
5224.0	0.0001929	5074.01270	0.0
5328.0	0.0001877	5071.07813	0.84816

5230.0	0.0001929	5068.14258	0.86438
5193.0	0.0001929	5065.20703	0.88107
5224.0	0.0001929	5062.27148	0.89824
5204.0	0.0001929	5059.33643	0.91592
5173.0	0.0001929	5056.40088	0.93412
5184.0	0.0001929	5053.46533	0.95288
5154.0	0.0001929	5050.52979	0.97220
5105.0	0.0001984	5047.59473	0.99212
5187.0	0.0001929	5044.65967	1.01265
5145.0	0.0001929	5041.72412	1.03383
5090.0	0.0001984	5038.78906	1.05568
5114.0	0.0001929	5035.85352	1.07823
5120.0	0.0001929	5032.91797	1.10151
5121.0	0.0001929	5029.98291	1.12554
5126.0	0.0001929	5027.04736	1.15038
5076.0	0.0001984	5024.11182	1.17604
5211.0	0.0001929	5021.17725	1.20257
5191.0	0.0001929	5018.24170	1.23001
5055.0	0.0001984	5015.30615	1.25839
4943.0	0.0002041	5012.37061	1.28777
5082.0	0.0001984	5009.43555	1.31819
4877.0	0.0002041	5006.50000	1.34970
5122.0	0.0001929	5003.56445	1.38235
5034.0	0.0001984	5000.62939	1.41619
5020.0	0.0001984	4997.69434	1.45130
4968.0	0.0002041	4994.75879	1.48772
5023.0	0.0001984	4991.82373	1.52553
5124.0	0.0001929	4988.88818	1.56479
5001.0	0.0001984	4985.95264	1.60559
4957.0	0.0002041	4983.01709	1.64801
4939.0	0.0002041	4980.08203	1.69212
4912.0	0.0002041	4977.14648	1.73803
5001.0	0.0001984	4974.21094	1.78582
4908.0	0.0002041	4971.27637	1.83561
4948.0	0.0002041	4968.34082	1.88751
4968.0	0.0002041	4965.40527	1.94164
4942.0	0.0002041	4962.46973	1.99812
4962.0	0.0002041	4959.53467	2.05710
4883.0	0.0002041	4956.59912	2.11872
4911.0	0.0002041	4953.66357	2.18315
4899.0	0.0002041	4950.72852	2.25056
4930.0	0.0002041	4947.79346	2.32113
4884.0	0.0002041	4944.85791	2.39506
4948.0	0.0002041	4941.92285	2.47257
4954.0	0.0002041	4938.98730	2.55390
4904.0	0.0002041	4936.05176	2.63930
4915.0	0.0002041	4933.11621	2.72904
4910.0	0.0002041	4930.18115	2.82342
4900.0	0.0002041	4927.24561	2.92277
4888.0	0.0002041	4924.31055	3.02743
4816.0	0.0002100	4921.37549	3.13781
4881.0	0.0002041	4918.43994	3.25431
4891.0	0.0002041	4933.19824	3.37740
4929.0	0.0002041	4947.95654	3.50758

4939.0	0.0002041	4962.71436	3.64541
4910.0	0.0002041	4977.47266	3.79149
4951.0	0.0002041	4992.23096	3.94649
4943.0	0.0002041	5006.98926	4.11116
4899.0	0.0002041	5021.74463	4.28630
5015.0	0.0001984	5036.50244	4.47282
5021.0	0.0001984	5051.26074	4.67173
5006.0	0.0001984	5066.01904	4.88414
4987.0	0.0001984	5080.77734	5.11129
4920.0	0.0002041	5095.53516	5.35457
5046.0	0.0001984	5110.29346	5.61554
5081.0	0.0001984	5125.05176	5.89593
5102.0	0.0001984	5139.80713	6.19773
4982.0	0.0001984	5154.56543	6.52314
5137.0	0.0001929	5169.32324	6.87467
5117.0	0.0001929	5184.08154	7.25519
5128.0	0.0001929	5198.83984	7.66792
5234.0	0.0001929	5210.04395	8.11659
5302.0	0.0001877	5221.24805	8.60545
5305.0	0.0001877	5232.45264	9.13939
5230.0	0.0001929	5243.65430	9.72408
5461.0	0.0001826	5254.85889	10.36607
5256.0	0.0001929	5266.06299	11.07302
5319.0	0.0001877	5277.26709	11.85388
5218.0	0.0001929	5288.47119	12.71916
5341.0	0.0001877	5299.67578	13.68130
5288.0	0.0001877	5310.87988	14.75512
5322.0	0.0001877	5322.08398	15.95838
5386.0	0.0001877	5333.28809	17.31265
5336.0	0.0001877	5344.49023	18.84457
5376.0	0.0001877	5355.69434	20.58798
5372.0	0.0001877	5366.89844	22.58755
5440.0	0.0001826	5369.93408	24.90520
5336.0	0.0001877	5367.52393	27.63139
5259.0	0.0001877	5365.11426	30.90425
5304.0	0.0001877	5362.70459	34.93997
5283.0	0.0001877	5360.29443	40.07760
5350.0	0.0001877	5357.88525	46.83836
5132.0	0.0001929	5355.47559	55.99351
5285.0	0.0001877	5353.06543	68.62473
5213.0	0.0001929	5350.65576	86.14954
5169.0	0.0001929	5348.24561	110.27499
5264.0	0.0001877	5345.83594	142.84398
5195.0	0.0001929	5343.42627	185.55385
5281.0	0.0001877	5341.01611	239.55544
5334.0	0.0001877	5338.60693	304.96579
5285.0	0.0001877	5336.19727	380.32043
5369.0	0.0001877	5333.78711	461.93951
5405.0	0.0001826	5331.37744	543.16992
5357.0	0.0001877	5328.96777	613.81329
5390.0	0.0001877	5326.55762	661.05365
5462.0	0.0001826	5324.14795	673.67303
5470.0	0.0001826	5321.73828	648.25568
5379.0	0.0001877	5319.32813	591.49408

5382.0	0.0001877	5316.91895	515.84711
5360.0	0.0001877	5314.50928	433.51584
5257.0	0.0001877	5312.09912	353.46698
5256.0	0.0001877	5309.68945	281.24268
5177.0	0.0001929	5307.27979	219.68146
5277.0	0.0001877	5304.86963	169.63823
5324.0	0.0001877	5302.45996	130.58173
5201.0	0.0001929	5300.05029	101.12172
5254.0	0.0001929	5297.64063	79.47116
5187.0	0.0001929	5295.23096	63.80870
5241.0	0.0001929	5292.82129	52.51557
5227.0	0.0001929	5290.41113	44.28891
5246.0	0.0001929	5288.00146	38.15910
5278.0	0.0001877	5285.59180	33.44851
5313.0	0.0001877	5278.89063	29.70599
5290.0	0.0001877	5271.11816	26.64073
5298.0	0.0001877	5263.34717	24.06766
5351.0	0.0001877	5255.57422	21.86782
5353.0	0.0001877	5247.80176	19.96225
5258.0	0.0001877	5240.02881	18.29594
5232.0	0.0001929	5232.25635	16.82849
5304.0	0.0001877	5224.48340	15.52886
5333.0	0.0001877	5216.71094	14.37232
5419.0	0.0001826	5208.93799	13.33873
5303.0	0.0001877	5201.16553	12.41142
5152.0	0.0001929	5193.39404	11.57647
5272.0	0.0001877	5185.62158	10.82212
5157.0	0.0001929	5177.84863	10.13844
5187.0	0.0001929	5170.07617	9.51695
5095.0	0.0001984	5162.30371	8.95040
5239.0	0.0001929	5154.53076	8.43256
5177.0	0.0001929	5146.75830	7.95803
5166.0	0.0001929	5138.98535	7.52217
5093.0	0.0001984	5131.21436	7.12091
5069.0	0.0001984	5123.44141	6.75070
5074.0	0.0001984	5115.66895	6.40845
4972.0	0.0001984	5104.15186	6.09143
5084.0	0.0001984	5090.13916	5.79722
4953.0	0.0002041	5076.12646	5.52372
5080.0	0.0001984	5062.11377	5.26902
5010.0	0.0001984	5048.10107	5.03145
4873.0	0.0002041	5034.09131	4.80952
4883.0	0.0002041	5020.07861	4.60188
5054.0	0.0001984	5006.06592	4.40735
4900.0	0.0002041	4992.05322	4.22485
4833.0	0.0002041	4978.04053	4.05341
4808.0	0.0002100	4964.02783	3.89215
4936.0	0.0002041	4950.01514	3.74030
4881.0	0.0002041	4936.00244	3.59713
4640.0	0.0002163	4921.98975	3.46199
4831.0	0.0002041	4907.97998	3.33431
4628.0	0.0002163	4893.96729	3.21354
4633.0	0.0002163	4879.95459	3.09919
4574.0	0.0002163	4865.94189	2.99083

4769.0	0.0002100	4851.92920	2.88803
4682.0	0.0002163	4837.91650	2.79043
4769.0	0.0002100	4823.90381	2.69768
4730.0	0.0002100	4809.89111	2.60946
4641.0	0.0002163	4795.88135	2.52550
4685.0	0.0002163	4781.86865	2.44551
4629.0	0.0002163	4767.85596	2.36925
4759.0	0.0002100	4753.84326	2.29650
4539.0	0.0002228	4739.83057	2.22704
4622.0	0.0002163	4725.81787	2.16068
4627.0	0.0002163	4711.80518	2.09723
4734.0	0.0002100	4697.79248	2.03653
4696.0	0.0002100	4683.78271	1.97843
4499.0	0.0002228	4669.77002	1.92277
4653.0	0.0002163	4655.75732	1.86942
4522.0	0.0002228	4641.74463	1.81826
4455.0	0.0002228	4627.73193	1.76917
4481.0	0.0002228	4613.71924	1.72203
4637.0	0.0002163	4599.70654	1.67676
4445.0	0.0002228	4585.69385	1.63324
4441.0	0.0002228	4571.68164	1.59139
4529.0	0.0002228	4557.67139	1.55112
4502.0	0.0002228	4543.65869	1.51237
4473.0	0.0002228	4529.64600	1.47504
4345.0	0.0002296	4515.63330	1.43908
4286.0	0.0002367	4501.62061	1.40442
4600.0	0.0002163	4495.18018	1.37099
4516.0	0.0002228	4490.63086	1.33874
4539.0	0.0002228	4486.08203	1.30761
4340.0	0.0002296	4481.53369	1.27756
4590.0	0.0002163	4476.98438	1.24853
4550.0	0.0002228	4472.43555	1.22047
4517.0	0.0002228	4467.88623	1.19335
4498.0	0.0002228	4463.33740	1.16712
4596.0	0.0002163	4458.78809	1.14175
4400.0	0.0002296	4454.23877	1.11719
4371.0	0.0002296	4449.68994	1.09342
4425.0	0.0002228	4445.14160	1.07040
4543.0	0.0002228	4440.59277	1.04809
4552.0	0.0002228	4436.04346	1.02648
4626.0	0.0002163	4431.49414	1.00552
4555.0	0.0002228	4426.94531	0.98520
4567.0	0.0	0.0	.
4424.0	0.0	0.0	.
4523.0	0.0	0.0	.
4519.0	0.0	0.0	.
4480.0	0.0	0.0	.
4592.0	0.0	0.0	.
4517.0	0.0	0.0	.
4623.0	0.0	0.0	.
4460.0	0.0	0.0	.
4555.0	0.0	0.0	.
4590.0	0.0	0.0	.
4725.0	0.0	0.0	.

4611.0	0.0	0.0	.
4641.0	0.0	0.0	.
4720.0	0.0	0.0	.
4753.0	0.0	0.0	.
4821.0	0.0	0.0	.
4851.0	0.0	0.0	.
4872.0	0.0	0.0	.
4892.0	0.0	0.0	.
4784.0	0.0	0.0	.
4957.0	0.0	0.0	.
4983.0	0.0	0.0	.
5080.0	0.0	0.0	.
5009.0	0.0	0.0	.
5109.0	0.0	0.0	.
5149.0	0.0	0.0	.
5402.0	0.0	0.0	.
5450.0	0.0	0.0	.
5452.0	0.0	0.0	.
5693.0	0.0	0.0	.
5433.0	0.0	0.0	.
5424.0	0.0	0.0	.
5658.0	0.0	0.0	.
5815.0	0.0	0.0	.
5927.0	0.0	0.0	.
5993.0	0.0	0.0	.
5945.0	0.0	0.0	.
5960.0	0.0	0.0	.
5955.0	0.0	0.0	.
6083.0	0.0	0.0	.
5933.0	0.0	0.0	.
5987.0	0.0	0.0	.
6250.0	0.0	0.0	.
6152.0	0.0	0.0	.
6041.0	0.0	0.0	.
6249.0	0.0	0.0	.
6043.0	0.0	0.0	.
6099.0	0.0	0.0	.
6044.0	0.0	0.0	.
5941.0	0.0	0.0	.
6093.0	0.0	0.0	.
6181.0	0.0	0.0	.
5826.0	0.0	0.0	.
5859.0	0.0	0.0	.
5820.0	0.0	0.0	.
5782.0	0.0	0.0	.
5708.0	0.0	0.0	.
5832.0	0.0	0.0	.
5475.0	0.0	0.0	.
5627.0	0.0	0.0	.
5748.0	0.0	0.0	.
5627.0	0.0	0.0	.
5488.0	0.0	0.0	.
5371.0	0.0	0.0	.
5272.0	0.0	0.0	.

5453.0	0.0	0.0	.
5224.0	0.0	0.0	.
5080.0	0.0	0.0	.
5160.0	0.0	0.0	.
5160.0	0.0	0.0	.
5098.0	0.0	0.0	.
4855.0	0.0	0.0	.
4995.0	0.0	0.0	.
4982.0	0.0	0.0	.
4805.0	0.0	0.0	.
4810.0	0.0	0.0	.
4663.0	0.0	0.0	.
4612.0	0.0	0.0	.
4494.0	0.0	0.0	.
4477.0	0.0	0.0	.
4506.0	0.0	0.0	.
4379.0	0.0	0.0	.
4367.0	0.0	0.0	.
4379.0	0.0	0.0	.
4192.0	0.0	0.0	.
4251.0	0.0	0.0	.
4215.0	0.0	0.0	.
4185.0	0.0	0.0	.
4108.0	0.0	0.0	.
4244.0	0.0	0.0	.
4136.0	0.0	0.0	.
4031.0	0.0	0.0	.
4076.0	0.0	0.0	.
4203.0	0.0	0.0	.
4047.0	0.0	0.0	.
4041.0	0.0	0.0	.
3955.0	0.0	0.0	.
3970.0	0.0	0.0	.
3978.0	0.0	0.0	.
3990.0	0.0	0.0	.
4000.0	0.0	0.0	.
3994.0	0.0002520	3958.39819	21.51563
3970.0	0.0002520	3953.84912	22.46962
3927.0	0.0002520	3949.30078	23.48795
3987.0	0.0002520	3944.75171	24.57649
3918.0	0.0002520	3940.20264	38.98346
3960.0	0.0002520	3935.65356	40.48499
3997.0	0.0002520	3931.10449	42.08604
4025.0	0.0002520	3926.55542	43.79610
3953.0	0.0002520	3922.00610	45.62584
4005.0	0.0002520	3917.45703	47.58729
3895.0	0.0002601	3912.90894	49.69404
3873.0	0.0002601	3908.35986	51.96152
3886.0	0.0002601	3905.08667	54.40726
3830.0	0.0002601	3906.92090	57.05130
3923.0	0.0002520	3908.75513	59.91659
3945.0	0.0002520	3910.58936	63.02961
3854.0	0.0002601	3912.42358	66.42102
3933.0	0.0002520	3914.25781	70.12663

3907.0	0.0002520	3916.09155	74.18868
3970.0	0.0002520	3917.92578	78.65778
3951.0	0.0002520	3919.76001	83.59557
3987.0	0.0002520	3921.59424	89.07890
4055.0	0.0002441	3923.42847	95.20609
3874.0	0.0002601	3925.26270	102.10616
3913.0	0.0002520	3927.09692	109.95251
3893.0	0.0002601	3928.93115	118.98200
3945.0	0.0002520	3930.76538	129.52063
3972.0	0.0002520	3932.59937	142.01625
4012.0	0.0002520	3934.43359	157.07692
3959.0	0.0002520	3936.26782	175.51178
4033.0	0.0002441	3938.10205	198.36789
3986.0	0.0002520	3939.93628	226.95369
4109.0	0.0002441	3941.77051	262.83676
4149.0	0.0002441	3943.60474	307.80316
4158.0	0.0002441	3945.43896	363.76682
4129.0	0.0002441	3947.27295	432.62213
4275.0	0.0002367	3949.10718	516.03864
4370.0	0.0002296	3950.94141	615.19958
4419.0	0.0002296	3952.77563	730.48004
4425.0	0.0002228	3954.60986	861.04077
4596.0	0.0002163	3956.44409	1004.28235
4810.0	0.0002100	3958.27832	1155.09656
4861.0	0.0002041	3960.11255	1317.68042
4944.0	0.0002041	3961.94629	1454.26038
5232.0	0.0001929	3963.78052	1561.33105
5251.0	0.0001929	3965.61475	1622.68762
5247.0	0.0001929	3967.44897	1627.46167
5153.0	0.0001929	3969.28320	1574.99854
5118.0	0.0001929	3971.11743	1475.17822
4917.0	0.0002041	3972.95166	1343.90344
4814.0	0.0002100	3974.78589	1197.41431
4639.0	0.0002163	3976.62012	1048.76453
4480.0	0.0002228	3978.45410	906.93439
4319.0	0.0002296	3980.28833	777.38818
4285.0	0.0002367	3982.12256	662.98187
4258.0	0.0002367	3983.95679	564.73602
4179.0	0.0002367	3985.79102	482.40179
4124.0	0.0002441	3987.62524	414.88098
4018.0	0.0002520	3989.45947	360.55569
3976.0	0.0002520	3991.29370	317.55618
3917.0	0.0002520	3993.12744	283.97305
3982.0	0.0002520	3994.96167	258.01154
4122.0	0.0002441	3996.79590	238.08852
3962.0	0.0002520	3998.63013	222.87866
3999.0	0.0002520	4000.46436	211.32057
3977.0	0.0002520	4002.29858	202.59589
4071.0	0.0002441	4004.13281	196.09352
3945.0	0.0002520	4005.96704	191.36931
3979.0	0.0002520	4007.80103	188.10718
4016.0	0.0002520	4009.63525	186.08609
3920.0	0.0002520	4011.46948	185.15396
4044.0	0.0002441	4011.51758	185.20815

3965.0	0.0002520	4008.88623	186.18179
3951.0	0.0002520	4006.25488	188.03464
3993.0	0.0002520	4003.62354	190.74721
4016.0	0.0002520	4000.99219	194.31725
3916.0	0.0002520	3998.36084	198.75777
4010.0	0.0002520	3995.72998	204.09627
4065.0	0.0002441	3993.09863	210.37471
4065.0	0.0002441	3990.46729	217.65024
4018.0	0.0002520	3987.83594	225.99644
4075.0	0.0002441	3985.20459	235.50529
4084.0	0.0002441	3982.57324	246.28969
4118.0	0.0002441	3979.94214	258.48724
4135.0	0.0002441	3977.31079	272.26547
4177.0	0.0002367	3974.67993	287.82910
4158.0	0.0002441	3972.04858	305.43170
4257.0	0.0002367	3969.41724	325.39413
4193.0	0.0002367	3966.78589	348.13492
4272.0	0.0002367	3964.15454	374.22052
4239.0	0.0002367	3961.52319	404.44852
4406.0	0.0002296	3958.89185	439.97708
4431.0	0.0002228	3956.26050	482.52332
4442.0	0.0002228	3953.62964	534.64215
4513.0	0.0002228	3950.99829	600.09357
4631.0	0.0002163	3948.36694	684.27570
4763.0	0.0002100	3945.73560	794.66418
4917.0	0.0002041	3943.10425	941.14282
5020.0	0.0001984	3940.47290	1136.06079
5328.0	0.0001877	3937.84155	1393.82214
5580.0	0.0001778	3935.21021	1729.83032
5937.0	0.0001687	3932.57886	2158.68896
6425.0	0.0001562	3929.94800	2691.69312
6860.0	0.0001452	3927.31665	3333.77344
7479.0	0.0001352	3924.68530	4080.03687
8035.0	0.0001235	3922.05396	4911.87109
8988.0	0.0001108	3919.42261	5792.25049
9635.0	0.0001041	3916.79126	6660.25293
10199.0	0.0000980	3914.15991	7427.46973
10786.0	0.0000925	3911.52856	7984.70605
11051.0	0.0000907	3908.89771	8229.64355
10851.0	0.0000925	3906.26636	8110.68164
10527.0	0.0000943	3903.63501	7655.03125
10015.0	0.0001000	3901.00366	6953.45947
9279.0	0.0001085	3898.37231	6117.19141
8717.0	0.0001156	3895.74097	5243.07373
8036.0	0.0001235	3893.10962	4400.94824
7470.0	0.0001352	3890.47827	3635.11548
6918.0	0.0001452	3887.84741	2969.73169
6626.0	0.0001524	3885.21606	2413.82568
6266.0	0.0001602	3882.58472	1965.41064
5936.0	0.0001687	3879.95361	1615.06982
5789.0	0.0001731	3877.32227	1349.16040
5590.0	0.0001778	3874.69092	1152.53174
5465.0	0.0001826	3872.05957	1010.57904
5325.0	0.0001877	3869.42822	910.55890

5254.0	0.0001929	3866.79688	842.22980
5171.0	0.0001929	3864.16602	797.98456
5212.0	0.0001929	3861.53467	772.68469
5183.0	0.0001929	3858.90332	763.38550
5205.0	0.0001929	3856.27197	769.10406
5225.0	0.0001929	3853.64063	790.71204
5234.0	0.0001929	3851.00928	830.98114
5316.0	0.0001877	3848.37793	894.74731
5390.0	0.0001877	3845.74658	989.10553
5434.0	0.0001826	3843.11572	1123.49792
5649.0	0.0001778	3840.48438	1309.52087
5749.0	0.0001731	3837.85303	1560.27551
6095.0	0.0001644	3835.22168	1889.13062
6330.0	0.0001562	3832.59033	2307.85620
6716.0	0.0001487	3829.95898	2831.68774
7181.0	0.0001384	3827.32764	3446.80566
7750.0	0.0001291	3824.69629	4151.46289
8319.0	0.0001208	3822.06543	4923.03125
9086.0	0.0001108	3819.43408	5720.85010
9718.0	0.0001020	3816.80273	6481.54395
10131.0	0.0000980	3814.17139	7127.87354
10604.0	0.0000943	3811.54004	7541.18555
10840.0	0.0000925	3808.90869	7650.40771
10862.0	0.0000925	3806.27734	7431.02051
10247.0	0.0000980	3803.64600	6928.10156
9821.0	0.0001020	3801.01465	6232.24316
9147.0	0.0001085	3798.38379	5441.20947
8674.0	0.0001156	3795.75244	4635.05615
7865.0	0.0001262	3793.12109	3869.58057
7278.0	0.0001384	3790.48975	3179.20483
6602.0	0.0001524	3787.85840	2581.77490
6278.0	0.0001602	3785.22705	2082.72803
5796.0	0.0001731	3782.59570	1678.53235
5470.0	0.0001826	3779.96436	1359.71716
5235.0	0.0001929	3777.33374	1113.56970
5024.0	0.0001984	3774.70239	926.38306
4925.0	0.0002041	3772.07104	785.11346
4694.0	0.0002100	3769.43970	678.39996
4586.0	0.0002163	3766.80835	597.01239
4339.0	0.0002296	3764.17700	533.86841
4428.0	0.0002228	3761.54565	483.78320
4353.0	0.0002296	3758.91431	443.10074
4227.0	0.0002367	3756.28345	409.31134
4134.0	0.0002441	3753.65210	380.71674
4150.0	0.0002441	3751.02075	356.16797
4046.0	0.0002441	3748.38940	334.87595
4068.0	0.0002441	3745.75806	316.28339
3951.0	0.0002520	3743.12671	299.98242
3917.0	0.0002520	3740.49536	285.66315
3886.0	0.0002601	3737.86401	273.08267
3791.0	0.0002601	3735.23267	262.04626
3903.0	0.0002601	3732.60181	252.39523
3988.0	0.0002520	3729.97046	243.99976
3727.0	0.0002687	3727.33911	236.75351

3788.0	0.0002601	3724.70776	230.57021
3712.0	0.0002687	3722.07642	225.38075
3757.0	0.0002687	3719.44507	221.13147
3773.0	0.0002687	3716.81372	217.78258
3665.0	0.0002687	3714.18237	224.09019
3754.0	0.0002687	3711.55151	222.60008
3702.0	0.0002687	3708.92017	219.65981
3683.0	0.0002687	3706.28882	219.93167
3714.0	0.0002687	3702.87061	221.09578
3801.0	0.0002601	3698.27197	223.18903
3711.0	0.0002687	3693.67310	226.26364
3730.0	0.0002687	3689.07422	230.38918
3769.0	0.0002687	3684.47559	235.65552
3826.0	0.0002601	3679.87769	242.17752
3703.0	0.0002687	3675.27881	250.10196
3776.0	0.0002687	3670.68018	259.61954
3751.0	0.0002687	3666.08130	270.98685
3739.0	0.0002687	3661.48267	284.56586
3761.0	0.0002687	3656.88379	300.89572
3756.0	0.0002687	3652.28491	320.81732
3861.0	0.0002601	3647.68628	345.67850
3880.0	0.0002601	3643.08740	377.64685
3895.0	0.0002601	3638.48950	420.14502
3866.0	0.0002601	3633.89087	478.38696
3973.0	0.0002520	3629.29199	559.93201
4016.0	0.0002520	3624.69336	675.09338
4171.0	0.0002367	3620.09448	836.96594
4383.0	0.0002296	3615.49561	1060.81702
4674.0	0.0002163	3610.89697	1362.66418
4968.0	0.0002041	3606.29810	1757.03748
5520.0	0.0001826	3601.70020	2254.14087
6172.0	0.0001602	3597.10156	2856.71704
7175.0	0.0001384	3592.50269	3556.73828
8406.0	0.0001181	3587.90405	4331.72559
10072.0	0.0001000	3583.30518	5141.05713
11719.0	0.0000857	3578.70654	5925.85400
12944.0	0.0000769	3574.10767	6606.99023
13658.0	0.0000731	3569.50879	7162.96338
13523.0	0.0000743	3564.91089	7566.59180
13298.0	0.0000756	3560.31226	7826.69238
12959.0	0.0000769	3555.71338	7943.47607
12853.0	0.0000783	3551.11475	7889.83301
12629.0	0.0000797	3546.51587	7622.39258
11918.0	0.0000842	3541.91724	7118.20215
10947.0	0.0000907	3537.31836	6406.65576
9510.0	0.0001041	3532.71948	5563.59082
8474.0	0.0001181	3528.12085	4677.30420
7284.0	0.0001384	3523.52295	3821.24414
6352.0	0.0001562	3518.92407	3045.48560
5465.0	0.0001826	3514.32544	2378.42432
5010.0	0.0001984	3509.72656	1844.48816
4485.0	0.0002228	3505.12793	1413.60132
4419.0	0.0002296	3500.52905	1087.05042
4099.0	0.0002441	3495.93042	847.41669

4057.0	0.0002441	3491.33154	675.80121
3876.0	0.0002601	3486.73364	554.57294
3778.0	0.0002687	3482.13477	468.96454
3739.0	0.0002687	3477.53613	407.62228
3806.0	0.0002601	3472.93726	362.41666
3666.0	0.0002687	3468.33862	327.86084
3618.0	0.0002778	3463.73975	300.42023
3690.0	0.0002687	3459.14111	277.88824
3518.0	0.0002873	3454.54224	258.90295
3554.0	0.0002778	3449.94434	242.61340
3487.0	0.0002873	3445.34546	228.46727
3467.0	0.0002873	3440.74683	216.08548
3412.0	0.0002973	3436.14795	205.19138
3470.0	0.0002873	3431.54932	195.57211
3543.0	0.0002778	3426.95044	187.05750
3416.0	0.0002973	3422.35181	179.50801
3362.0	0.0002973	3417.75293	172.80745
3480.0	0.0002873	3413.15405	166.85814
3481.0	0.0002873	3408.55615	161.57747
3435.0	0.0002873	3403.95752	144.00958
3391.0	0.0002973	3399.35864	140.10655
3384.0	0.0002973	3394.76001	136.68404
3395.0	0.0002973	3390.16113	133.69839
3377.0	0.0002973	3385.56250	131.11215
3410.0	0.0002973	3380.96362	128.89319
3365.0	0.0002973	3376.36499	127.01395
3332.0	0.0002973	3371.76709	125.45084
3418.0	0.0002973	3367.16821	124.18372
3275.0	0.0003078	3362.56934	123.19553
3405.0	0.0002973	3358.61279	122.47184
3390.0	0.0002973	3357.22656	122.00071
3321.0	0.0002973	3355.84033	121.77230
3302.0	0.0003078	3354.45410	121.77878
3392.0	0.0002973	3353.06787	122.01414
3417.0	0.0002973	3351.68188	122.47410
3365.0	0.0002973	3350.29565	123.15591
3391.0	0.0002973	3348.90942	124.05844
3371.0	0.0002973	3347.52319	147.31134
3459.0	0.0002873	3346.13696	148.97542
3343.0	0.0002973	3344.75073	150.87250
3413.0	0.0002973	3343.36475	153.00749
3391.0	0.0002973	3341.97852	155.38693
3456.0	0.0002873	3340.59229	158.01888
3638.0	0.0002778	3339.20630	160.91307
3449.0	0.0002873	3337.82007	164.08113
3536.0	0.0002873	3336.43384	167.53650
3501.0	0.0002873	3335.04761	171.29478
3518.0	0.0002873	3333.66138	175.37384
3607.0	0.0002778	3332.27515	179.79410
3463.0	0.0002873	3330.88892	184.57874
3613.0	0.0002778	3329.50269	189.75418
3495.0	0.0002873	3328.11670	195.35031
3456.0	0.0002873	3326.73047	201.40105
3620.0	0.0002778	3325.34424	207.94481

3673.0	0.0002687	3323.95801	215.02528
3766.0	0.0002687	3322.57178	234.60034
3650.0	0.0002778	3321.18555	243.22670
3789.0	0.0002601	3319.79932	252.57352
3637.0	0.0002778	3318.41309	255.15216
3676.0	0.0002687	3317.02710	287.30264
3865.0	0.0002601	3315.64087	299.79587
3961.0	0.0002520	3314.25464	313.38937
3935.0	0.0002520	3312.86841	328.22476
3873.0	0.0002601	3311.48242	344.47348
4101.0	0.0002441	3310.09619	352.35425
3884.0	0.0002601	3308.70996	372.37894
4151.0	0.0002441	3307.32373	394.63211
4184.0	0.0002367	3305.93750	419.56699
4058.0	0.0002441	3304.55151	447.78528
4109.0	0.0002441	3303.16528	480.09000
4122.0	0.0002441	3301.77905	517.55005
4258.0	0.0002367	3300.39282	561.57532
4254.0	0.0002367	3299.00659	613.99634
4285.0	0.0002367	3297.62036	677.13837
4516.0	0.0002228	3296.23413	753.87512
4480.0	0.0002228	3294.84790	847.64539
4446.0	0.0002228	3293.46191	962.40814
4619.0	0.0002163	3292.07568	1102.52100
4669.0	0.0002163	3290.68945	1272.52112
4684.0	0.0002163	3289.30322	1476.80591
4924.0	0.0002041	3287.91699	1719.21228
5053.0	0.0001984	3286.53076	2002.49438
5304.0	0.0001877	3285.14453	2327.69043
5776.0	0.0001731	3283.75830	2693.33521
6088.0	0.0001644	3282.37231	3094.42212
6481.0	0.0001524	3280.98608	3520.99976
6784.0	0.0001487	3279.60010	3956.39917
7362.0	0.0001352	3278.21387	4375.50879
7663.0	0.0001291	3276.82764	4744.41992
8139.0	0.0001235	3275.44141	5023.60254
8240.0	0.0001208	3274.05518	5176.25977
8352.0	0.0001208	3272.66895	5180.04980
8252.0	0.0001208	3271.28271	5035.87451
7854.0	0.0001262	3269.89673	4767.52686
7334.0	0.0001352	3268.51050	4412.44434
6729.0	0.0001487	3267.12427	4010.06519
6149.0	0.0001644	3265.73804	3593.83472
6118.0	0.0001644	3264.35181	3188.33960
5605.0	0.0001778	3262.96558	2809.83081
5387.0	0.0001877	3261.57935	2467.97852
5015.0	0.0001984	3260.19312	2167.63062
4713.0	0.0002100	3258.80713	1910.18896
4636.0	0.0002163	3257.42090	1694.62744
4410.0	0.0002296	3256.03467	1518.27283
4291.0	0.0002296	3254.64844	1377.43042
4096.0	0.0002441	3253.26221	1267.90649
4202.0	0.0002367	3251.87598	1185.42737
4242.0	0.0002367	3250.48975	1125.96350

4267.0	0.0002367	3249.10352	1085.95410
4115.0	0.0002441	3247.71777	1062.44800
4143.0	0.0002441	3246.33154	1053.17908
4193.0	0.0002367	3244.94531	1056.61169
4260.0	0.0002367	3243.55908	1071.98596
4199.0	0.0002367	3242.17285	1099.41064
4104.0	0.0002441	3240.78662	1140.04004
4307.0	0.0002296	3239.40039	1196.37439
4410.0	0.0002296	3238.01416	1272.69849
4598.0	0.0002163	3236.62793	1375.64258
4549.0	0.0002228	3235.24194	1514.77441
4741.0	0.0002100	3233.85571	1703.06006
5042.0	0.0001984	3232.46948	1956.93079
5449.0	0.0001826	3231.08325	2295.65454
5844.0	0.0001731	3229.69702	2739.73901
6257.0	0.0001602	3228.31079	3308.24487
7204.0	0.0001384	3226.92456	4015.15405
8066.0	0.0001235	3225.53833	4865.19238
9428.0	0.0001063	3224.15234	5849.62305
11028.0	0.0000907	3222.76611	6942.33740
13077.0	0.0000769	3221.37988	8096.31689
15047.0	0.0000661	3219.99365	9241.31152
16637.0	0.0000601	3218.60742	10286.94434
17908.0	0.0000557	3217.22119	11139.04980
18266.0	0.0000549	3215.83496	11729.68359
17873.0	0.0000557	3214.44897	12039.72266
17301.0	0.0000574	3213.06299	12090.13770
16179.0	0.0000620	3211.67676	11912.28906
15034.0	0.0000661	3210.29053	11528.78418
14170.0	0.0000706	3208.90430	10957.11914
12986.0	0.0000769	3207.51807	10224.05957
12042.0	0.0000826	3206.13184	9373.77148
11236.0	0.0000890	3204.74561	8462.66602
10198.0	0.0000980	3203.35938	7546.50049
9244.0	0.0001085	3201.97314	6669.47217
8321.0	0.0001208	3200.58716	5860.25830
7545.0	0.0001321	3199.20093	5133.76221
6898.0	0.0001452	3197.81470	4495.13867
6292.0	0.0001602	3196.42847	3943.60352
5976.0	0.0001687	3195.04224	3475.07275
5488.0	0.0001826	3193.65601	3083.70557
5290.0	0.0001877	3192.26978	2762.73218
5088.0	0.0001984	3190.88354	2504.94312
4839.0	0.0002041	3189.49756	2303.05322
4850.0	0.0002041	3188.11133	2150.04102
4819.0	0.0002100	3186.72510	2039.47241
4885.0	0.0002041	3185.33887	1965.80249
4911.0	0.0002041	3183.95264	1924.64478
4875.0	0.0002041	3182.56665	1913.01868
4923.0	0.0002041	3181.18042	1929.60254
5102.0	0.0001984	3179.79419	1975.02856
5195.0	0.0001929	3178.40820	2052.25195
5452.0	0.0001826	3177.02197	2167.00073
5681.0	0.0001778	3175.63574	2328.27710

5990.0	0.0001687	3174.24951	2548.82739
6269.0	0.0001602	3172.86328	2845.43188
6776.0	0.0001487	3171.47705	3238.82227
7225.0	0.0001384	3170.09082	3753.00073
7998.0	0.0001262	3168.70459	4413.76953
8821.0	0.0001132	3167.31836	5246.34766
9941.0	0.0001000	3165.93237	6272.10986
11183.0	0.0000890	3164.54614	7504.56787
12583.0	0.0000797	3163.15991	8944.79199
14905.0	0.0000672	3161.77368	10576.30273
16851.0	0.0000592	3160.38745	12359.09180
19292.0	0.0000518	3159.00122	14222.28223
21567.0	0.0000463	3157.61499	16055.86035
23404.0	0.0000427	3156.22876	17705.84375
25322.0	0.0000396	3154.84277	18984.08789
26080.0	0.0000386	3153.45654	19706.29688
26179.0	0.0000381	3152.07056	19755.29883
25487.0	0.0000391	3150.68433	19134.01172
23719.0	0.0000422	3149.29810	17965.28711
21935.0	0.0000457	3147.91187	16439.03320
19480.0	0.0000510	3146.52563	14749.73340
17877.0	0.0000557	3145.13940	13059.47070
15889.0	0.0000630	3143.75342	11489.04590
14330.0	0.0000694	3142.36719	10123.38965
13000.0	0.0000769	3140.98096	9020.05566
12317.0	0.0000812	3139.59473	8216.31738
11863.0	0.0000842	3138.20850	7734.24072
11683.0	0.0000857	3136.82227	7584.12793
11878.0	0.0000842	3135.43604	7766.58838
12153.0	0.0000826	3134.04980	8273.27344
12808.0	0.0000783	3132.66357	9086.25293
13946.0	0.0000718	3131.27759	10176.02344
15408.0	0.0000650	3129.89136	11498.02246
17149.0	0.0000583	3128.50513	12987.34961
18769.0	0.0000533	3127.11890	14551.56641
20315.0	0.0000489	3125.73267	16063.19531
22234.0	0.0000450	3124.34644	17358.25586
23410.0	0.0000427	3122.96021	18253.02734
23957.0	0.0000416	3121.57397	18588.31445
23809.0	0.0000422	3120.18823	18288.06836
22861.0	0.0000439	3118.80200	17392.91406
21301.0	0.0000469	3117.41577	16039.80762
19415.0	0.0000518	3116.02954	14405.28223
17255.0	0.0000583	3114.64331	12653.85547
15115.0	0.0000661	3113.25708	10913.32031
13217.0	0.0000756	3111.87085	9271.88770
11795.0	0.0000842	3110.48462	7784.43848
10398.0	0.0000961	3109.09863	6479.96973
9074.0	0.0001108	3107.71240	5367.84033
8166.0	0.0001235	3106.32617	4442.88135
7340.0	0.0001352	3104.93994	3689.86523
6656.0	0.0001487	3103.55371	3087.49561
6088.0	0.0001644	3102.16748	2611.84863
5656.0	0.0001778	3100.78125	2239.08740

5285.0	0.0001877	3099.39502	1947.35547
4876.0	0.0002041	3098.00879	1717.86108
4599.0	0.0002163	3096.62280	1535.27844
4449.0	0.0002228	3095.23657	1387.64856
4265.0	0.0002367	3093.85034	1265.97705
4139.0	0.0002441	3092.46411	1163.69324
4044.0	0.0002441	3091.07788	1076.09778
3894.0	0.0002601	3089.69165	999.86658
3704.0	0.0002687	3088.30542	932.65045
3758.0	0.0002687	3086.91919	872.77032
3801.0	0.0002601	3085.53345	819.00024
3628.0	0.0002778	3084.14722	770.41870
3480.0	0.0002873	3082.76099	726.31036
3480.0	0.0002873	3081.37476	686.10272
3417.0	0.0002973	3079.98853	649.32568
3399.0	0.0002973	3078.60229	606.81079
3417.0	0.0002973	3077.21606	575.89471
3349.0	0.0002973	3075.82983	547.38892
3399.0	0.0002973	3074.44385	521.04395
3302.0	0.0003078	3073.05762	496.64203
3297.0	0.0003078	3071.67139	473.99258
3179.0	0.0003189	3070.28516	452.92804
3291.0	0.0003078	3068.89893	433.30063
3223.0	0.0003078	3067.51270	414.97952
3277.0	0.0003078	3066.12646	397.84866
3223.0	0.0003078	3064.74023	381.80463
3222.0	0.0003078	3063.35400	366.75519
3195.0	0.0003078	3061.96802	352.61783
3203.0	0.0003078	3060.58179	339.31848
3234.0	0.0003078	3059.19556	326.79047
3203.0	0.0003078	3057.80933	314.97388
3115.0	0.0003189	3056.42310	303.81445
3163.0	0.0003189	3055.03687	293.26306
3166.0	0.0003189	3053.65088	283.27521
3097.0	0.0003189	3052.26465	273.81049
3195.0	0.0003078	3050.87866	264.83200
3109.0	0.0003189	3049.49243	256.30621
3092.0	0.0003189	3048.10620	248.20232
3133.0	0.0003189	3046.71997	240.49229
3175.0	0.0003189	3045.33374	233.15033
3115.0	0.0003189	3043.94751	226.15280
3105.0	0.0003189	3042.56128	219.47792
3093.0	0.0003189	3041.17505	213.10564
3076.0	0.0003306	3039.78906	207.01750
3057.0	0.0003306	3041.47729	201.19643
3168.0	0.0003189	3055.47290	195.62660
3107.0	0.0003189	3069.46826	190.29346
3088.0	0.0003189	3083.46362	185.18338
3056.0	0.0003306	3097.45898	180.28386
3092.0	0.0003189	3111.45435	175.58313
3039.0	0.0003306	3125.44971	171.07037
3092.0	0.0003189	3139.44531	166.73541
3165.0	0.0003189	3153.43799	162.56885
3166.0	0.0003189	3167.43335	158.56180

3144.0	0.0003189	3181.42871	154.70609
3188.0	0.0003189	3195.42407	150.99399
3135.0	0.0003189	3209.41968	147.41827
3231.0	0.0003078	3223.41504	143.97221
3209.0	0.0003078	3237.41040	140.64944
3137.0	0.0003189	3251.40576	137.44403
3244.0	0.0003078	3265.39844	134.35037
3212.0	0.0003078	3279.39380	117.48919
3235.0	0.0003078	3293.38940	114.79903
3245.0	0.0003078	3307.38477	112.20168
3238.0	0.0003078	3321.38013	109.69289
3234.0	0.0003078	3335.37549	107.26860
3214.0	0.0003078	3349.37085	104.92503
3275.0	0.0003078	3363.36646	102.65857
3392.0	0.0002973	3377.35913	100.46585
3438.0	0.0002873	3391.35449	98.34367
3421.0	0.0002973	3405.34985	96.28901
3317.0	0.0002973	3419.34521	94.29897
3445.0	0.0002873	3433.34058	92.37086
3529.0	0.0002873	3447.33618	90.50212
3506.0	0.0002873	3461.33154	88.69028
3471.0	0.0002873	3475.32690	86.93306
3418.0	0.0002973	3489.32227	85.22823
3448.0	0.0002873	3494.91992	83.57372
3644.0	0.0002778	3494.91992	81.96756
3532.0	0.0002873	3494.91992	80.40785
3505.0	0.0002873	3494.91992	78.89279
3505.0	0.0002873	3494.91992	77.42070
3559.0	0.0002778	3494.91992	75.98993
3545.0	0.0002778	3494.91992	74.59894
3475.0	0.0002873	3494.91992	73.24626
3528.0	0.0002873	3494.91992	71.93047
3529.0	0.0002873	3494.91992	70.65025
3535.0	0.0002873	3494.91992	69.40428
3535.0	0.0002873	3494.91992	68.19138
3483.0	0.0002873	3494.91992	67.01035
3543.0	0.0002778	3494.91992	65.86008
3559.0	0.0002778	3494.91992	64.73950
3538.0	0.0002873	3494.91992	63.64759
3510.0	0.0002873	3494.91992	62.58337
3598.0	0.0002778	3494.91992	61.54591
3474.0	0.0002873	3494.91992	60.53430
3531.0	0.0002873	3494.91992	59.54768
3482.0	0.0002873	3494.91992	58.58525
3534.0	0.0002873	3494.91992	57.64619
3495.0	0.0002873	3494.91992	56.72976
3471.0	0.0002873	3494.91992	55.83523
3470.0	0.0002873	3494.91992	54.96190
3516.0	0.0002873	3494.91992	29.98585
3525.0	0.0002873	3494.91992	29.48504
3582.0	0.0002778	3494.91992	28.99667
3602.0	0.0002778	3494.91992	28.52032
3532.0	0.0002873	3494.91992	28.66377
3528.0	0.0002873	3494.91992	28.21706

3485.0	0.0002873	3494.91992	27.78136
3589.0	0.0002778	3494.91992	27.35633
3546.0	0.0002778	3494.91992	26.94163
3491.0	0.0002873	3494.91992	26.53695
3499.0	0.0002873	3494.91992	26.14198
3501.0	0.0002873	3494.91992	25.75644
3472.0	0.0002873	3494.91992	25.38004
3498.0	0.0002873	3494.91992	25.01251
3569.0	0.0002778	3492.82056	24.65359
3512.0	0.0002873	3487.57129	24.30303
3488.0	0.0002873	3482.32300	23.96059
3482.0	0.0002873	3477.07397	23.62604
3418.0	0.0002973	3471.82471	23.29916
3378.0	0.0002973	3466.57544	22.97973
3347.0	0.0002973	3461.32642	22.66754
3452.0	0.0002873	3456.07715	22.36241
3393.0	0.0002973	3450.82813	22.06413
3363.0	0.0002973	3445.57886	0.75872
3365.0	0.0002973	3440.32959	0.76814
3367.0	0.0002973	3435.08154	0.77774
3342.0	0.0002973	3429.83228	0.78752
3262.0	0.0003078	3424.58325	0.79749
3276.0	0.0003078	3419.33398	0.80765
3284.0	0.0003078	3414.08472	0.81800
3332.0	0.0002973	3408.83569	1.74406
3262.0	0.0003078	3403.58643	1.76502
3332.0	0.0002973	3398.33716	1.78636
3279.0	0.0003078	3393.08911	1.80809
3329.0	0.0002973	3387.83984	1.83022
3306.0	0.0003078	3382.59082	1.85277
3316.0	0.0002973	3377.34155	1.87573
3310.0	0.0002973	3372.09229	1.89913
3278.0	0.0003078	3366.84326	1.92297
3349.0	0.0002973	3361.59399	1.94727
3403.0	0.0002973	3356.34473	1.97203
3312.0	0.0002973	3351.09668	1.99727
3385.0	0.0002973	3345.84741	2.02299
3336.0	0.0002973	3340.59839	2.04923
3380.0	0.0002973	3335.34912	2.07598
3286.0	0.0003078	3330.09985	2.10325
3364.0	0.0002973	3324.85083	2.13108
3403.0	0.0002973	3319.60156	2.15946
3489.0	0.0002873	3314.35229	2.18842
3407.0	0.0002973	3309.10327	2.21796
3439.0	0.0002873	3303.85498	2.24812
3373.0	0.0002973	3298.60596	2.27889
3426.0	0.0002873	3293.35669	2.31031
3333.0	0.0002973	3288.10742	2.34238
3365.0	0.0002973	3282.85840	2.37513
3367.0	0.0002973	3277.60913	2.40858
3345.0	0.0002973	3272.35986	2.44275
3356.0	0.0002973	3267.11084	2.47765
3281.0	0.0003078	3261.86255	2.51331
3300.0	0.0003078	3256.61353	2.54975

3300.0	0.0003078	3251.36426	2.58700
3267.0	0.0003078	3246.11499	2.62507
3273.0	0.0003078	3240.86597	2.66400
3310.0	0.0002973	3235.61670	2.70380
3249.0	0.0003078	3230.36743	2.74451
3232.0	0.0003078	3225.11841	2.78616
3190.0	0.0003189	3219.87012	2.82876
3234.0	0.0003078	3214.62109	2.87236
3231.0	0.0003078	3209.37183	2.91699
3191.0	0.0003189	3204.12256	2.96267
3182.0	0.0003189	3198.87354	3.00944
3113.0	0.0003189	3193.62427	3.05734
3175.0	0.0003189	3188.37500	3.10640
3223.0	0.0003078	3183.12598	3.15666
3013.0	0.0003306	3177.87671	3.20816
3055.0	0.0003306	3172.62866	3.26094
3053.0	0.0003306	3167.37939	3.31505
3113.0	0.0003189	3162.13013	3.37052
3058.0	0.0003306	3156.88110	3.42742
3036.0	0.0003306	3151.63184	3.48578
3020.0	0.0003306	3146.38257	3.54566
3067.0	0.0003306	3141.13354	3.60712
2959.0	0.0003429	3135.88428	3.67020
2926.0	0.0003429	3130.63623	3.73496
2958.0	0.0003429	3125.38696	3.80147
3053.0	0.0003306	3120.13770	3.86980
3056.0	0.0003306	3114.88867	3.94000
3071.0	0.0003306	3109.63940	4.01215
3027.0	0.0003306	3104.39014	4.08633
2923.0	0.0003429	3099.14111	4.16260
3096.0	0.0003189	3093.89185	4.24105
3015.0	0.0003306	3088.64380	4.32177
3016.0	0.0003306	3083.39453	4.40484
2959.0	0.0003429	3078.14526	4.49036
2989.0	0.0003306	3072.89624	4.57843
3087.0	0.0003189	3067.64697	4.66914
3145.0	0.0003189	3062.39771	4.76261
3183.0	0.0003189	3057.14868	4.85895
3179.0	0.0003189	3051.89941	4.95829
3052.0	0.0003306	3046.65039	5.06074
3046.0	0.0003306	3041.40210	18.01727
3123.0	0.0003189	3036.15283	18.37224
3083.0	0.0003189	3030.90381	18.73787
3042.0	0.0003306	3025.65454	19.11458
3072.0	0.0003306	3020.40527	19.50284
3093.0	0.0003189	3015.15625	19.90313
3148.0	0.0003189	3009.90698	20.31595
3170.0	0.0003189	3004.65796	20.74184
3159.0	0.0003189	2999.40967	21.18135
3155.0	0.0003189	2994.16040	21.63508
3065.0	0.0003306	2988.91138	22.10365
3008.0	0.0003306	2983.66211	22.58773
2947.0	0.0003429	2978.41284	23.08801
2972.0	0.0003306	2973.16382	23.60523

3069.0	0.0003306	2967.91455	24.14016
3056.0	0.0003306	2962.66553	40.68339
3015.0	0.0003306	2957.41724	41.56151
3005.0	0.0003306	2952.16797	42.46878
3039.0	0.0003306	2946.91895	43.40654
2925.0	0.0003429	2941.66968	44.37620
2934.0	0.0003429	2936.42041	45.37924
3005.0	0.0003306	2931.17139	46.41724
2904.0	0.0003429	2925.92212	47.49187
3014.0	0.0003306	2920.67310	48.60492
3011.0	0.0003306	2915.42383	49.75827
2884.0	0.0003429	2910.17554	50.95393
3105.0	0.0003189	2904.92651	52.19404
3069.0	0.0003306	2899.67725	53.48088
2986.0	0.0003306	2894.42822	54.81688
2920.0	0.0003429	2889.17896	56.20465
2905.0	0.0003429	2884.68066	57.64693
2980.0	0.0003306	2883.18530	59.14672
2937.0	0.0003429	2881.68994	60.70718
3055.0	0.0003306	2880.19458	62.33171
2972.0	0.0003306	2878.69922	64.02398
3036.0	0.0003306	2877.20361	65.78790
2852.0	0.000356	2875.70825	67.62770
2944.0	0.0003429	2874.21289	69.54793
2973.0	0.0003306	2872.71729	71.55348
3016.0	0.0003306	2871.22192	73.64968
3062.0	0.0003306	2869.72632	75.84223
2874.0	0.0003429	2868.23120	78.13736
2954.0	0.0003429	2866.73584	80.54180
2904.0	0.0003429	2865.24023	83.06285
2927.0	0.0003429	2863.74487	85.70849
2973.0	0.0003306	2862.24927	88.48740
3001.0	0.0003306	2860.75415	91.40907
3014.0	0.0003306	2859.25830	94.48392
3022.0	0.0003306	2857.76318	97.72334
2999.0	0.0003306	2856.26733	101.13992
2980.0	0.0003306	2854.77222	104.74754
2982.0	0.0003306	2853.27661	108.56168
2963.0	0.0003429	2851.78125	112.59955
2918.0	0.0003429	2850.28564	116.88055
2885.0	0.0003429	2848.79028	121.42669
2947.0	0.0003429	2847.29517	126.26322
2956.0	0.0003429	2845.79956	131.41945
2973.0	0.0003306	2844.30420	136.92986
2983.0	0.0003306	2842.80859	142.83553
3007.0	0.0003306	2841.31323	149.18617
3010.0	0.0003306	2839.81763	156.04240
2976.0	0.0003306	2838.32251	163.47881
2982.0	0.0003306	2836.82715	171.58736
3052.0	0.0003306	2835.33154	180.48152
2990.0	0.0003306	2833.83618	190.30022
2917.0	0.0003429	2832.34058	201.21202
3012.0	0.0003306	2830.84546	213.41832
3039.0	0.0003306	2829.34961	227.15546

3077.0	0.0003306	2827.85449	242.69463
3128.0	0.0003189	2826.35864	260.33887
2986.0	0.0003306	2824.86353	280.41656
3145.0	0.0003189	2823.36841	303.27106
3051.0	0.0003306	2821.87256	329.24597
3113.0	0.0003189	2820.37744	358.66644
3151.0	0.0003189	2818.88159	391.81613
3263.0	0.0003078	2817.38647	428.91025
3339.0	0.0002973	2815.89063	470.06229
3462.0	0.0002873	2814.39551	515.24231
3360.0	0.0002973	2812.89966	564.22247
3598.0	0.0002778	2811.40454	616.50537
3772.0	0.0002687	2809.90942	671.24152
3776.0	0.0002687	2808.41357	727.16052
3844.0	0.0002601	2806.91846	782.57666
3928.0	0.0002520	2805.42261	835.56726
4081.0	0.0002441	2803.92749	884.41168
4102.0	0.0002441	2802.43164	928.27496
4479.0	0.0002228	2800.93652	967.94653
4128.0	0.0002441	2799.44141	1006.34778
4172.0	0.0002367	2797.94556	1048.65515
4282.0	0.0002367	2796.45044	1102.15149
4289.0	0.0002367	2794.95459	1176.06189
4289.0	0.0002367	2793.45947	1281.52100
4454.0	0.0002228	2791.96362	1431.59790
4541.0	0.0002228	2790.46851	1641.14709
4830.0	0.0002100	2788.97290	1926.22705
5078.0	0.0001984	2787.47754	2302.89600
5557.0	0.0001778	2785.98242	2785.33008
6121.0	0.0001644	2784.48657	3383.35596
6868.0	0.0001452	2782.99146	4099.64600
7621.0	0.0001321	2781.49585	4926.87451
8358.0	0.0001208	2780.00049	5845.03809
9326.0	0.0001063	2778.50488	6818.95557
10666.0	0.0000943	2777.00952	7796.01318
11856.0	0.0000842	2775.51392	8705.25586
12265.0	0.0000812	2774.01880	9461.70508
13306.0	0.0000756	2772.52344	9981.97266
13631.0	0.0000731	2771.02783	10212.16309
13369.0	0.0000743	2769.53247	10154.27930
13065.0	0.0000769	2768.03687	9870.03223
12391.0	0.0000812	2766.54175	9458.44043
11826.0	0.0000842	2765.04590	9025.86621
11388.0	0.0000873	2763.55078	8665.74219
11249.0	0.0000890	2762.05542	8449.90820
11204.0	0.0000890	2760.55981	8425.61719
11159.0	0.0000890	2759.06470	8613.77441
11617.0	0.0000857	2757.56885	9016.27832
12282.0	0.0000812	2756.07373	9579.02832
12843.0	0.0000783	2754.57788	10244.72754
13585.0	0.0000731	2753.08276	10918.09180
14494.0	0.0000694	2751.58691	11480.14453
14813.0	0.0000672	2750.09180	11805.20117
14525.0	0.0000683	2748.59668	11793.12891

14174.0	0.0000706	2747.10083	11404.91016
13425.0	0.0000743	2745.60571	10675.88281
12408.0	0.0000812	2744.10986	9695.25781
11100.0	0.0000907	2742.61475	8570.01465
10187.0	0.0000980	2741.11890	7397.49707
8923.0	0.0001132	2739.62378	6253.99219
7990.0	0.0001262	2738.12793	5193.47021
7150.0	0.0001384	2736.63281	4249.89648
6532.0	0.0001524	2735.13770	3440.25024
5742.0	0.0001731	2733.64185	2767.69019
5214.0	0.0001929	2732.14673	2224.94702
4882.0	0.0002041	2730.65088	1797.81982
4442.0	0.0002228	2729.15576	1468.46851
4247.0	0.0002367	2727.65991	1218.17664
4046.0	0.0002441	2726.16479	1029.36108
3768.0	0.0002687	2724.66968	886.78680
3639.0	0.0002778	2723.17383	778.07745
3540.0	0.0002873	2721.67871	693.70514
3431.0	0.0002873	2720.18286	626.65900
3368.0	0.0002973	2718.68774	571.96906
3157.0	0.0003189	2717.19214	526.21069
3197.0	0.0003078	2715.69678	487.06738
3072.0	0.0003306	2714.20117	453.61765
3055.0	0.0003306	2712.70581	423.53894
2991.0	0.0003306	2711.21069	396.72491
2905.0	0.0003429	2709.71509	372.64676
2835.0	0.000356	2708.21973	350.90784
2911.0	0.0003429	2706.72412	331.19812
2840.0	0.000356	2705.22876	313.26688
2819.0	0.000356	2703.73315	296.90598
2787.0	0.000356	2702.23804	281.93942
2859.0	0.000356	2700.74219	268.21640
2808.0	0.000356	2699.24707	255.60683
2841.0	0.000356	2697.75171	243.99747
2790.0	0.000356	2696.25610	233.28957
2732.0	0.000370	2694.76099	223.39651
2728.0	0.000370	2693.26514	214.24211
2690.0	0.000370	2691.77002	205.75911
2685.0	0.000370	2690.27417	197.88808
2682.0	0.000370	2688.77905	190.57623
2741.0	0.000370	2687.28394	183.77663
2652.0	0.000384	2685.78809	177.44739
2731.0	0.000370	2684.29297	171.55118
2710.0	0.000370	2682.79712	166.05449
2685.0	0.000370	2681.30200	160.92731
2689.0	0.000370	2679.80615	156.14264
2752.0	0.000370	2678.31104	151.67624
2659.0	0.000370	2676.81519	147.50623
2701.0	0.000370	2675.32007	143.61287
2666.0	0.000370	2675.33130	139.97838
2728.0	0.000370	2675.34277	136.58661
2739.0	0.000370	2675.35400	140.89842
2722.0	0.000370	2675.36523	138.05650
2756.0	0.000370	2675.37671	135.42004

2710.0	0.000370	2675.38794	132.97830
2723.0	0.000370	2675.39917	130.72171
2817.0	0.000356	2675.41064	128.64151
2764.0	0.000356	2675.42188	126.72996
2697.0	0.000370	2675.43335	124.98003
2780.0	0.000356	2675.44458	123.38552
2736.0	0.000370	2675.45581	121.94089
2784.0	0.000356	2675.46729	120.64124
2817.0	0.000356	2675.47852	119.48232
2744.0	0.000370	2675.48975	118.46046
2815.0	0.000356	2675.50122	117.57253
2818.0	0.000356	2675.51245	116.81596
2867.0	0.0003429	2675.52368	116.18864
2817.0	0.000356	2675.53516	115.68905
2756.0	0.000370	2675.54639	115.31609
2901.0	0.0003429	2675.55762	115.06916
2808.0	0.000356	2675.56909	114.94819
2891.0	0.0003429	2675.58032	114.95355
2898.0	0.0003429	2675.59180	115.08613
2889.0	0.0003429	2675.60303	115.34730
2870.0	0.0003429	2675.61426	115.73898
2857.0	0.000356	2675.62573	116.26363
2933.0	0.0003429	2675.63696	116.92425
2921.0	0.0003429	2675.64819	117.72446
2864.0	0.0003429	2675.65967	118.66849
2873.0	0.0003429	2675.67090	119.76128
2930.0	0.0003429	2675.68213	121.00845
2881.0	0.0003429	2675.69360	122.41643
2899.0	0.0003429	2675.70483	123.99249
2924.0	0.0003429	2675.71606	125.74481
2924.0	0.0003429	2675.72754	127.68262
2931.0	0.0003429	2675.73877	129.81622
2957.0	0.0003429	2675.75024	132.15715
2940.0	0.0003429	2675.76147	134.71834
2979.0	0.0003306	2675.77271	137.51419
2878.0	0.0003429	2675.78418	140.56082
2981.0	0.0003306	2675.79541	143.87624
2881.0	0.0003429	2675.80664	147.48058
2942.0	0.0003429	2675.81812	151.39636
2953.0	0.0003429	2675.82935	155.64885
2880.0	0.0003429	2675.84058	160.26636
2911.0	0.0003429	2675.85205	165.28073
2935.0	0.0003429	2675.86328	170.72781
2951.0	0.0003429	2675.87476	176.64806
2988.0	0.0003306	2675.88599	183.08719
2944.0	0.0003429	2675.89722	190.09726
2989.0	0.0003306	2675.90869	197.73752
3033.0	0.0003306	2675.91992	206.07593
3033.0	0.0003306	2675.93115	215.19112
3113.0	0.0003189	2675.94263	225.17493
3010.0	0.0003306	2675.95386	236.13605
3024.0	0.0003306	2675.96509	248.20554
3102.0	0.0003189	2675.97656	261.54468
3098.0	0.0003189	2675.98779	276.35663

3122.0	0.0003189	2675.99902	292.90311
3175.0	0.0003189	2676.01050	311.52881
3169.0	0.0003189	2676.02173	332.69431
3226.0	0.0003078	2676.03320	357.02127
3219.0	0.0003078	2676.04443	385.34970
3301.0	0.0003078	2676.05566	418.80875
3310.0	0.0002973	2676.06714	458.89774
3455.0	0.0002873	2676.07837	507.57162
3455.0	0.0002873	2676.08960	567.60382
3585.0	0.0002778	2676.10107	641.51624
3681.0	0.0002687	2676.11230	733.28406
3755.0	0.0002687	2676.12354	847.16675
3984.0	0.0002520	2676.13501	987.85663
4143.0	0.0002441	2676.14624	1160.24390
4334.0	0.0002296	2676.15747	1369.07068
4508.0	0.0002228	2676.16895	1618.48218
4810.0	0.0002100	2676.18018	1911.48181
5165.0	0.0001929	2676.19165	2249.31226
5435.0	0.0001826	2676.20288	2630.75879
5976.0	0.0001687	2676.21411	3051.34863
6428.0	0.0001562	2676.22559	3502.37646
6892.0	0.0001452	2676.23682	3969.69873
7415.0	0.0001352	2676.24805	4432.40039
7898.0	0.0001262	2676.25952	4861.90723
8374.0	0.0001181	2676.27075	5222.84570
8582.0	0.0001156	2676.28198	5477.37793
8704.0	0.0001156	2676.29346	5593.62842
8747.0	0.0001132	2676.30469	5555.60107
8566.0	0.0001156	2676.31592	5369.06982
8219.0	0.0001208	2676.32739	5059.39307
7733.0	0.0001291	2676.33862	4662.81689
7212.0	0.0001384	2676.35010	4216.76611
6802.0	0.0001487	2676.36133	3753.44775
6320.0	0.0001562	2676.37256	3297.51489
5767.0	0.0001731	2676.38403	2866.32153
5321.0	0.0001877	2676.39526	2471.16040
5032.0	0.0001984	2676.40649	2117.95776
4721.0	0.0002100	2676.41797	1810.80847
4507.0	0.0002228	2676.42920	1549.17859
4329.0	0.0002296	2676.44043	1331.10583
4150.0	0.0002441	2676.45190	1153.23425
3923.0	0.0002520	2676.46313	1011.38837
3825.0	0.0002601	2676.47437	901.05505
3816.0	0.0002601	2676.48584	817.75800
3765.0	0.0002687	2676.49707	757.31628
3612.0	0.0002778	2676.50830	715.98853
3530.0	0.0002873	2676.51978	690.51624
3555.0	0.0002778	2676.53101	678.08990
3546.0	0.0002778	2676.54248	676.25439
3478.0	0.0002873	2676.55371	682.77344
3626.0	0.0002778	2676.56494	695.46564
3508.0	0.0002873	2676.57642	712.03113
3548.0	0.0002778	2676.58765	729.91174
3586.0	0.0002778	2676.59888	746.27130

3626.0	0.0002778	2676.61035	758.21271
3641.0	0.0002778	2676.62158	763.28748
3627.0	0.0002778	2676.63281	760.14868
3606.0	0.0002778	2676.64429	748.99133
3665.0	0.0002687	2676.65552	731.47711
3575.0	0.0002778	2676.66675	710.19733
3660.0	0.0002778	2676.67822	688.02679
3681.0	0.0002687	2676.68945	656.37354
3667.0	0.0002687	2676.70093	640.38745
3669.0	0.0002687	2676.71216	630.77747
3552.0	0.0002778	2676.72339	629.56805
3737.0	0.0002687	2676.73486	638.81335
3749.0	0.0002687	2676.74609	660.72852
3802.0	0.0002601	2676.75732	697.78625
3832.0	0.0002601	2676.76880	752.76953
4075.0	0.0002441	2676.78003	828.76740
4032.0	0.0002520	2676.79126	929.09961
4261.0	0.0002367	2676.80273	1057.15991
4428.0	0.0002228	2676.81396	1216.17151
4722.0	0.0002100	2676.82544	1408.86023
4849.0	0.0002041	2676.83667	1637.05383
5163.0	0.0001929	2676.84790	1901.22083
5462.0	0.0001826	2676.85938	2199.94385
5879.0	0.0001687	2676.87061	2529.30713
6128.0	0.0001644	2676.88184	2882.14038
6500.0	0.0001524	2676.89331	3247.09058
7060.0	0.0001417	2676.90454	3607.61401
7216.0	0.0001384	2676.91577	3941.34692
7790.0	0.0001291	2676.92725	4220.87305
7861.0	0.0001262	2676.93848	4416.95361
8087.0	0.0001235	2676.94971	4505.10059
8176.0	0.0001235	2676.96118	4472.88574
8043.0	0.0001235	2676.97241	4324.40918
7744.0	0.0001291	2676.98389	4078.77759
7458.0	0.0001352	2676.99512	3763.66968
7025.0	0.0001417	2677.00635	3407.98975
6647.0	0.0001487	2677.01782	3036.88037
6137.0	0.0001644	2677.02905	2669.77271
5791.0	0.0001731	2677.04028	2320.46729
5366.0	0.0001877	2677.05176	1998.02966
5072.0	0.0001984	2677.06299	1707.78186
4788.0	0.0002100	2677.07422	1452.14172
4494.0	0.0002228	2677.08569	1231.29944
4201.0	0.0002367	2677.09692	1043.78113
4034.0	0.0002441	2677.10815	886.94769
3863.0	0.0002601	2677.11963	757.43665
3674.0	0.0002687	2677.13086	651.54596
3492.0	0.0002873	2677.14233	565.54578
3444.0	0.0002873	2677.15356	495.91132
3246.0	0.0003078	2677.16479	439.47672
3159.0	0.0003189	2677.17627	393.51511
3142.0	0.0003189	2677.18750	355.76123
3051.0	0.0003306	2677.19873	324.39063
3018.0	0.0003306	2677.21021	297.97202

2995.0	0.0003306	2677.22144	275.40665
2895.0	0.0003429	2677.23267	255.86485
2922.0	0.0003429	2677.24414	238.72672
2867.0	0.0003429	2677.25537	223.53116
2827.0	0.000356	2677.26660	209.93414
2768.0	0.000356	2677.27808	197.67665
2885.0	0.0003429	2677.28931	186.56032
2722.0	0.000370	2677.30078	176.43021
2806.0	0.000356	2677.31201	167.16257
2799.0	0.000356	2677.32324	158.65622
2797.0	0.000356	2677.33472	150.82683
2810.0	0.000356	2677.34595	143.60281
2800.0	0.000356	2677.35718	136.92281
2674.0	0.000370	2677.36865	130.73340
2724.0	0.000370	2677.37988	124.98788
2653.0	0.000370	2673.41455	120.67565
2744.0	0.000370	2669.45093	115.82156
2750.0	0.000370	2665.48706	111.19598
2766.0	0.000356	2661.52197	106.87637
2766.0	0.000356	2657.55811	102.83717
2761.0	0.000356	2653.59302	99.05552
2717.0	0.000370	2649.62915	95.51092
2776.0	0.000356	2645.66406	92.18499
2715.0	0.000370	2641.70020	89.06120
2791.0	0.000356	2637.73657	86.12465
2811.0	0.000356	2633.77124	83.36191
2848.0	0.000356	2629.80762	83.36945
2836.0	0.000356	2625.84229	80.96863
2821.0	0.000356	2621.87866	78.71006
2878.0	0.0003429	2617.91333	76.58482
2931.0	0.0003429	2613.94946	74.58487
2946.0	0.0003429	2609.98438	72.70293
2953.0	0.0003429	2606.02051	70.93243
2897.0	0.0003429	2602.05688	69.26746
2944.0	0.0003429	2598.09155	67.70271
2858.0	0.000356	2594.12793	66.23343
2880.0	0.0003429	2590.16260	64.85536
2989.0	0.0003306	2586.19897	63.56477
2871.0	0.0003429	2582.23364	62.35835
2859.0	0.000356	2578.27002	61.23328
2939.0	0.0003429	2574.30469	60.18714
2885.0	0.0003429	2570.34106	59.21793
2879.0	0.0003429	2566.37720	58.32408
2956.0	0.0003429	2562.41187	57.50447
2932.0	0.0003429	2558.44824	56.75840
2919.0	0.0003429	2554.48291	56.08566
2808.0	0.000356	2550.51929	55.48656
2888.0	0.0003429	2546.55396	54.96204
2945.0	0.0003429	2542.59033	54.51368
2901.0	0.0003429	2538.62646	54.14396
2841.0	0.000356	2534.66138	53.85632
2890.0	0.0003429	2530.69751	53.65557
2734.0	0.000370	2526.73242	53.54813
2824.0	0.000356	2522.76855	53.54251

2896.0	0.0003429	2518.80347	53.64985
2862.0	0.0003429	2514.83960	53.88468
2889.0	0.0003429	2510.87427	54.26562
2827.0	0.000356	2506.91064	54.81634
2827.0	0.000356	2502.94702	55.56649
2748.0	0.000370	2498.98169	47.52171
2777.0	0.000356	2495.01782	49.68723
2779.0	0.000356	2491.05273	51.42172
2781.0	0.000356	2487.08887	53.54801
2883.0	0.0003429	2483.12378	56.13545
2750.0	0.000370	2479.15991	59.26034
2725.0	0.000370	2475.19482	63.00401
2797.0	0.000356	2471.23096	67.44987
2822.0	0.000356	2467.26733	72.67943
2762.0	0.000356	2463.30200	78.76743
2829.0	0.000356	2459.33838	85.77579
2786.0	0.000356	2455.37305	93.74664
2786.0	0.000356	2451.40942	102.69376
2785.0	0.000356	2447.44409	112.59216
2872.0	0.0003429	2443.48022	123.36454
2842.0	0.000356	2439.51660	134.86378
2786.0	0.000356	2435.55127	146.85052
2852.0	0.000356	2431.58765	158.96815
2921.0	0.0003429	2427.62231	170.72156
2876.0	0.0003429	2423.65869	181.47433
3020.0	0.0003306	2419.69336	190.48480
2948.0	0.0003429	2415.72974	196.99852
3056.0	0.0003306	2411.76440	200.39214
2884.0	0.0003429	2407.80078	200.32680
2914.0	0.0003429	2403.83691	197.05258
2925.0	0.0003429	2399.87158	190.56622
2760.0	0.000356	2395.90796	181.74034
2746.0	0.000370	2391.94263	171.34099
2708.0	0.000370	2387.97900	160.09790
2777.0	0.000356	2384.01367	147.98077
2636.0	0.000384	2380.05005	136.75641
2643.0	0.000384	2376.08472	126.10747
2550.0	0.000400	2372.12109	116.25776
2476.0	0.000400	2368.15723	107.34422
2501.0	0.000400	2364.19214	99.43832
2517.0	0.000400	2360.22827	92.56296
2418.0	0.000416	2356.26318	86.70523
2421.0	0.000416	2352.29932	81.82667
2437.0	0.000416	2348.33398	77.87147
2367.0	0.000416	2344.37036	74.77351
2478.0	0.000400	2340.40674	72.46229
2368.0	0.000416	2336.44141	70.86801
2405.0	0.000416	2332.47754	69.92562
2365.0	0.000416	2328.51245	69.57799
2307.0	0.000434	2327.58203	69.77847
2364.0	0.000416	2327.40942	70.49285
2411.0	0.000416	2327.23706	71.70124
2387.0	0.000416	2327.06470	73.40028
2478.0	0.000400	2326.89233	75.60643

2335.0	0.000434	2326.71973	78.36129
2377.0	0.000416	2326.54736	81.73977
2406.0	0.000416	2326.37500	85.86256
2434.0	0.000416	2326.20239	90.91399
2403.0	0.000416	2326.03003	97.16624
2460.0	0.000400	2325.85742	105.00985
2491.0	0.000400	2325.68506	114.98926
2551.0	0.000384	2325.51270	127.83958
2512.0	0.000400	2325.34009	144.51889
2578.0	0.000384	2325.16772	158.69588
2631.0	0.000384	2324.99536	191.95084
2653.0	0.000370	2324.82300	228.39090
2729.0	0.000370	2324.65039	274.61603
2751.0	0.000370	2324.47803	332.27567
2858.0	0.000356	2324.30542	402.75815
2953.0	0.0003429	2324.13306	489.05316
3007.0	0.0003306	2323.96069	587.09454
3340.0	0.0002973	2323.78809	698.03174
3414.0	0.0002973	2323.61572	819.62726
3625.0	0.0002778	2323.44336	948.05908
3775.0	0.0002687	2323.27075	1077.63428
4043.0	0.0002441	2323.09839	1200.56287
4231.0	0.0002367	2322.92603	1307.05518
4258.0	0.0002367	2322.75342	1386.24854
4367.0	0.0002296	2322.58105	1428.39709
4472.0	0.0002228	2322.40869	1427.89197
4453.0	0.0002228	2322.23608	1385.46094
4249.0	0.0002367	2322.06372	1307.92908
4082.0	0.0002441	2321.89136	1205.73230
3892.0	0.0002601	2321.71875	1089.96570
3647.0	0.0002778	2321.54639	970.43140
3490.0	0.0002873	2321.37402	854.90491
3344.0	0.0002973	2321.20142	749.12372
3361.0	0.0002973	2321.02905	657.02374
3175.0	0.0003189	2320.85669	581.00427
3108.0	0.0003189	2320.68408	522.17273
2967.0	0.0003429	2320.51172	480.57867
2961.0	0.0003429	2320.33936	455.44373
2979.0	0.0003306	2320.16675	445.37732
2947.0	0.0003429	2319.99438	448.56027
3123.0	0.0003189	2319.82202	462.87448
2998.0	0.0003306	2319.64941	485.96561
3064.0	0.0003306	2319.47705	515.23303
3069.0	0.0003306	2319.30469	547.76501
3122.0	0.0003189	2319.13208	580.26923
3231.0	0.0003078	2318.95972	609.09949
3269.0	0.0003078	2318.78735	630.50946
3244.0	0.0003078	2318.61475	641.20361
3256.0	0.0003078	2318.44238	639.06628
3220.0	0.0003078	2318.27002	623.72302
3147.0	0.0003189	2318.09741	598.99701
3124.0	0.0003189	2317.92505	562.76154
3041.0	0.0003306	2317.75269	520.57031
2934.0	0.0003429	2317.58008	475.42380

2837.0	0.000356	2317.40771	429.79987
2693.0	0.000370	2317.23511	385.56128
2671.0	0.000370	2317.06274	344.00919
2610.0	0.000384	2316.89038	305.98462
2536.0	0.000400	2316.71802	271.96646
2565.0	0.000384	2316.54541	242.15273
2473.0	0.000400	2316.37305	216.52623
2458.0	0.000400	2316.20068	194.90984
2429.0	0.000416	2316.02808	177.01564
2436.0	0.000416	2315.85571	162.48845
2421.0	0.000416	2315.68311	150.94394
2282.0	0.000434	2315.51074	142.00061
2342.0	0.000434	2315.33838	135.30437
2452.0	0.000400	2315.16577	130.54633
2365.0	0.000416	2314.99341	127.47425
2268.0	0.000434	2314.82104	125.89867
2391.0	0.000416	2314.64868	125.69508
2325.0	0.000434	2314.47607	126.80363
2275.0	0.000434	2314.30371	129.22717
2325.0	0.000434	2314.13110	133.02827
2348.0	0.000434	2313.95874	138.32529
2366.0	0.000416	2313.78638	145.28741
2319.0	0.000434	2313.61377	154.12741
2396.0	0.000416	2313.44141	165.09184
2414.0	0.000416	2313.26904	178.44717
2539.0	0.000400	2313.09644	194.46123
2385.0	0.000416	2312.92407	213.37938
2449.0	0.000416	2312.75171	235.39514
2491.0	0.000400	2312.57910	260.61563
2513.0	0.000400	2312.40674	289.02246
2525.0	0.000400	2312.23438	320.42969
2602.0	0.000384	2312.06177	354.44061
2678.0	0.000370	2311.88940	392.57901
2710.0	0.000370	2311.71704	429.59116
2836.0	0.000356	2311.54443	466.36295
2893.0	0.0003429	2311.37207	501.31021
2919.0	0.0003429	2311.19971	532.56146
3004.0	0.0003306	2311.02710	558.10620
3044.0	0.0003306	2310.85474	576.11389
3030.0	0.0003306	2310.68237	585.40747
3016.0	0.0003306	2310.50977	585.93097
2984.0	0.0003306	2310.33740	578.96027
2953.0	0.0003429	2310.16504	566.93768
2890.0	0.0003429	2309.99243	553.04309
2911.0	0.0003429	2309.82007	540.75745
2843.0	0.000356	2309.64771	533.58954
2802.0	0.000356	2309.47510	534.98541
2817.0	0.000356	2309.30273	548.33337
2812.0	0.000356	2309.13037	576.97211
2822.0	0.000356	2308.95776	624.13324
2845.0	0.000356	2308.78540	692.79230
2868.0	0.0003429	2308.61279	785.42535
3006.0	0.0003306	2308.44043	903.68768
3118.0	0.0003189	2308.26807	1048.04175

3135.0	0.0003189	2308.09570	1217.36450
3320.0	0.0002973	2307.92310	1408.54785
3454.0	0.0002873	2307.75073	1616.08789
3655.0	0.0002778	2307.57837	1831.64014
3824.0	0.0002601	2307.40576	2043.58484
3911.0	0.0002520	2307.23340	2236.85425
3991.0	0.0002520	2307.06079	2393.65430
4116.0	0.0002441	2306.88843	2495.92627
4159.0	0.0002441	2306.71606	2529.71753
4034.0	0.0002441	2306.54346	2489.81079
3944.0	0.0002520	2306.37109	2381.70825
3763.0	0.0002687	2306.19873	2219.46484
3606.0	0.0002778	2306.02637	2020.99670
3529.0	0.0002873	2305.85376	1806.05371
3423.0	0.0002873	2305.68140	1584.77136
3241.0	0.0003078	2305.50879	1370.57874
3111.0	0.0003189	2305.33643	1171.38770
2985.0	0.0003306	2305.16406	992.29254
2844.0	0.000356	2304.99146	836.03009
2752.0	0.000370	2304.81909	703.41577
2771.0	0.000356	2304.64673	593.77417
2687.0	0.000370	2304.47412	505.36639
2669.0	0.000370	2304.30176	435.80322
2576.0	0.000384	2304.12939	382.41284
2553.0	0.000384	2303.95679	342.54477
2545.0	0.000400	2303.78442	313.79434
2523.0	0.000400	2303.61206	294.15244
2551.0	0.000384	2303.43945	282.08902
2543.0	0.000400	2303.26709	276.58945
2481.0	0.000400	2303.09473	277.15897
2555.0	0.000384	2302.92212	283.80969
2536.0	0.000400	2302.74976	297.03656
2601.0	0.000384	2302.57739	317.78152
2578.0	0.000384	2302.40479	347.38049
2668.0	0.000370	2302.23242	387.48074
2657.0	0.000370	2302.06006	439.91922
2743.0	0.000370	2301.88745	506.55161
2730.0	0.000370	2301.71509	589.03180
2868.0	0.0003429	2301.54272	688.54797
2971.0	0.0003306	2301.37012	805.52887
3069.0	0.0003306	2301.19775	939.33759
3205.0	0.0003078	2301.02539	1087.96106
3275.0	0.0003078	2300.85278	1247.69336
3393.0	0.0002973	2300.68042	1412.79883
3565.0	0.0002778	2300.50806	1575.18274
3592.0	0.0002778	2300.33545	1724.23096
3699.0	0.0002687	2300.16309	1846.94482
3701.0	0.0002687	2299.99048	1930.67810
3838.0	0.0002601	2299.81812	1964.39087
3852.0	0.0002601	2299.64575	1943.19910
3771.0	0.0002687	2299.47339	1869.91357
3680.0	0.0002687	2299.30078	1753.96460
3593.0	0.0002778	2299.12842	1608.22424
3550.0	0.0002778	2298.95605	1445.75110

3358.0	0.0002973	2298.78345	1277.79895
3256.0	0.0003078	2298.61108	1113.12817
3087.0	0.0003189	2298.43848	958.06323
2958.0	0.0003429	2298.26611	816.79968
2913.0	0.0003429	2298.09375	691.74640
2897.0	0.0003429	2297.92114	583.84515
2817.0	0.000356	2297.74878	492.87863
2722.0	0.000370	2297.57642	417.77426
2624.0	0.000384	2297.40405	356.89697
2573.0	0.000384	2297.23145	308.31436
2602.0	0.000384	2297.05908	270.01733
2499.0	0.000400	2296.88647	240.08598
2565.0	0.000384	2296.71411	216.79842
2533.0	0.000400	2296.54175	198.68687
2494.0	0.000400	2296.36914	184.55318
2484.0	0.000400	2296.19678	173.45401
2410.0	0.000416	2296.02441	164.66971
2305.0	0.000434	2295.85181	157.66508
2337.0	0.000434	2295.67944	152.05034
2347.0	0.000434	2295.50708	147.54576
2372.0	0.000416	2295.33447	143.95236
2380.0	0.000416	2295.16211	141.12920
2407.0	0.000416	2294.98975	138.97629
2373.0	0.000416	2294.81714	137.42267
2384.0	0.000416	2294.64478	136.41786
2365.0	0.000416	2294.47241	135.92651
2381.0	0.000416	2294.29980	135.92458
2333.0	0.000434	2294.12744	136.39702
2317.0	0.000434	2293.95508	138.09642
2313.0	0.000434	2293.78247	139.50874
2332.0	0.000434	2293.61011	141.39285
2361.0	0.000416	2296.62036	143.76059
2262.0	0.000434	2299.63159	146.63019
2340.0	0.000434	2302.64185	150.02699
2431.0	0.000416	2305.65332	153.98439
2399.0	0.000416	2308.66357	158.54539
2419.0	0.000416	2311.67480	163.76489
2355.0	0.000416	2314.68506	169.71320
2342.0	0.000434	2317.69531	176.48091
2480.0	0.000400	2320.70679	184.18613
2408.0	0.000416	2323.71704	192.98477
2490.0	0.000400	2326.72827	203.08458
2471.0	0.000400	2329.73853	214.76447
2464.0	0.000400	2332.75000	228.39919
2530.0	0.000400	2335.76025	244.49080
2532.0	0.000400	2338.77148	263.70532
2596.0	0.000384	2341.78174	287.35065
2656.0	0.000370	2344.79199	315.67462
2715.0	0.000370	2347.80347	350.49814
2628.0	0.000384	2350.81372	393.50641
2892.0	0.0003429	2353.82495	446.66748
2938.0	0.0003429	2356.83521	512.18323
2973.0	0.0003306	2359.84668	592.39142
3089.0	0.0003189	2362.85693	689.61377

3215.0	0.0003078	2365.86694	805.94952
3391.0	0.0002973	2368.87842	943.02435
3668.0	0.0002687	2371.88867	1101.70703
3915.0	0.0002520	2374.90015	1281.80835
4144.0	0.0002441	2377.91016	1481.77087
4401.0	0.0002296	2380.92163	1698.33923
4667.0	0.0002163	2383.93188	1926.19751
5143.0	0.0001929	2386.94336	2157.57935
5489.0	0.0001826	2389.95337	2381.98267
5855.0	0.0001687	2392.96362	2586.33130
6185.0	0.0001602	2395.97510	2756.12231
6407.0	0.0001562	2398.98535	2877.85938
6543.0	0.0001524	2401.99658	2941.48120
6694.0	0.0001487	2405.00684	2945.16284
6748.0	0.0001487	2408.01831	2891.30176
6563.0	0.0001524	2411.02856	2787.34546
6317.0	0.0001602	2414.03979	2643.00024
6059.0	0.0001644	2417.05005	2468.81494
5852.0	0.0001731	2420.06030	2275.41406
5419.0	0.0001826	2423.07178	2072.91602
5333.0	0.0001877	2426.08203	1870.32971
5067.0	0.0001984	2429.09326	1675.03711
4690.0	0.0002163	2432.10352	1492.51941
4505.0	0.0002228	2435.11499	1326.38574
4268.0	0.0002367	2438.12524	1180.11462
4142.0	0.0002441	2441.13550	1051.53198
4006.0	0.0002520	2444.14673	942.07587
3912.0	0.0002520	2447.15698	851.29163
3888.0	0.0002601	2450.16846	778.61011
3839.0	0.0002601	2453.17871	723.57465
3872.0	0.0002601	2456.18994	685.98273
3820.0	0.0002601	2459.20020	665.94556
4000.0	0.0002520	2462.21167	663.86987
4021.0	0.0002520	2465.22168	680.36865
4062.0	0.0002441	2468.23193	716.10828
4159.0	0.0002441	2471.24341	771.60126
4267.0	0.0002367	2474.25366	846.96387
4345.0	0.0002296	2477.26489	941.65118
4634.0	0.0002163	2480.27515	1054.18652
4729.0	0.0002100	2483.28662	1181.88684
4952.0	0.0002041	2486.29688	1320.57593
5124.0	0.0001929	2489.30811	1464.27490
5257.0	0.0001877	2492.31836	1604.91089
5522.0	0.0001826	2495.32861	1732.23010
5531.0	0.0001826	2498.34009	1834.32178
5630.0	0.0001778	2501.35034	1899.24561
5554.0	0.0001778	2504.36157	1917.79590
5609.0	0.0001778	2507.37183	1886.38110
5534.0	0.0001826	2510.38330	1808.29822
5332.0	0.0001877	2513.39355	1692.48547
5165.0	0.0001929	2516.40381	1550.64343
4950.0	0.0002041	2519.41504	1394.45129
4868.0	0.0002041	2522.42529	1233.91003
4684.0	0.0002163	2525.43677	1076.79761

4568.0	0.0002163	2528.44702	927.65033
4384.0	0.0002296	2531.45825	792.41211
4119.0	0.0002441	2534.46851	672.16534
4014.0	0.0002520	2537.47998	567.79681
3881.0	0.0002601	2540.49023	479.16083
3756.0	0.0002687	2543.50024	405.33707
3645.0	0.0002778	2546.51172	344.88196
3654.0	0.0002778	2549.52197	296.05930
3544.0	0.0002778	2552.53345	257.03738
3471.0	0.0002873	2555.54346	226.04112
3409.0	0.0002973	2558.55493	201.45621
3303.0	0.0003078	2561.56519	181.88811
3279.0	0.0003078	2564.57666	166.18304
3252.0	0.0003078	2567.58667	153.42154
3180.0	0.0003189	2570.59692	142.89388
3146.0	0.0003189	2573.60840	134.06744
3077.0	0.0003306	2576.61865	126.55139
3059.0	0.0003306	2579.62988	120.06427
3094.0	0.0003189	2582.64014	114.40631
3028.0	0.0003306	2585.65161	109.43775
3006.0	0.0003306	2588.66187	105.06321
2866.0	0.0003429	2591.67212	101.22140
2920.0	0.0003429	2594.68335	97.88021
2934.0	0.0003429	2597.69360	95.03639
2886.0	0.0003429	2600.70508	92.71995
2855.0	0.000356	2603.71533	91.00285
2951.0	0.0003429	2606.72656	90.01181
2937.0	0.0003429	2609.73682	89.94402
2848.0	0.000356	2612.74829	91.08330
2830.0	0.000356	2615.75854	93.81295
2887.0	0.0003429	2618.76880	98.61978
2772.0	0.000356	2621.78003	107.89607
2845.0	0.000356	2624.79028	118.67030
2835.0	0.000356	2627.80176	133.36868
2831.0	0.000356	2630.81177	152.53052
2825.0	0.000356	2633.82324	176.49103
2823.0	0.000356	2636.83350	205.25978
2801.0	0.000356	2639.84497	238.40456
2748.0	0.000370	2642.85498	274.95648
2899.0	0.0003429	2645.86523	313.34518
2983.0	0.0003306	2648.87671	351.37003
2988.0	0.0003306	2651.88696	386.22504
3099.0	0.0003189	2654.89819	414.64853
3168.0	0.0003189	2657.90845	433.33118
3217.0	0.0003078	2660.91992	439.66095
3213.0	0.0003078	2663.93018	432.57446
3162.0	0.0003189	2666.94043	412.97250
3145.0	0.0003189	2669.95166	383.36307
3063.0	0.0003306	2672.96191	347.02371
2937.0	0.0003429	2675.97339	307.23355
2900.0	0.0003429	2678.98364	266.83737
2805.0	0.000356	2681.99487	228.08076
2751.0	0.000370	2685.00513	192.57788
2715.0	0.000370	2688.01660	161.33737

2760.0	0.000356	2691.02686	134.82394
2879.0	0.0003429	2694.03711	113.05109
2711.0	0.000370	2697.04834	97.06924
2815.0	0.000356	2700.05859	83.60926
2817.0	0.000356	2703.07007	73.38935
2782.0	0.000356	2706.08032	65.75809
2776.0	0.000356	2709.09155	60.11610
2819.0	0.000356	2712.17554	55.95222
2703.0	0.000370	2715.55518	52.85645
2767.0	0.000356	2718.93384	50.51672
2779.0	0.000356	2722.31226	48.70592
2722.0	0.000370	2725.69189	47.26512
2802.0	0.000356	2729.07056	46.08651
2793.0	0.000356	2732.45020	42.45683
2864.0	0.0003429	2735.82886	41.64003
2883.0	0.0003429	2739.20850	40.93677
2907.0	0.0003429	2742.58716	40.32698
2896.0	0.0003429	2745.96558	39.79704
2866.0	0.0003429	2749.34546	39.33730
2843.0	0.000356	2752.72388	38.94065
2832.0	0.000356	2756.10376	38.60157
2890.0	0.0003429	2759.48218	38.31567
2964.0	0.0003429	2762.86206	38.07938
3001.0	0.0003306	2766.24048	37.88976
2925.0	0.0003429	2769.62012	37.74433
3003.0	0.0003306	2772.99878	37.64111
2983.0	0.0003306	2776.37720	37.57841
2969.0	0.0003429	2779.75708	37.55491
2948.0	0.0003429	2783.13550	37.56956
3012.0	0.0003306	2786.51538	37.62156
2984.0	0.0003306	2789.89380	37.71037
2893.0	0.0003429	2793.27368	37.83565
2980.0	0.0003306	2796.65210	37.99726
2929.0	0.0003429	2800.03198	38.19528
2939.0	0.0003429	2803.41040	38.42998
3062.0	0.0003306	2806.78882	38.70179
2965.0	0.0003429	2810.16870	39.01137
2958.0	0.0003429	2813.54712	39.35952
2960.0	0.0003429	2816.92700	39.74726
2994.0	0.0003306	2820.30542	40.17582
2974.0	0.0003306	2823.68530	40.64661
3016.0	0.0003306	2827.06372	41.16127
3046.0	0.0003306	2830.44214	41.72168
3056.0	0.0003306	2833.82202	42.32994
3005.0	0.0003306	2837.20044	42.98847
2892.0	0.0003429	2840.58032	43.69995
3000.0	0.0003306	2843.95874	44.46738
3069.0	0.0003306	2847.33862	45.29417
2930.0	0.0003429	2850.71704	46.18406
3047.0	0.0003306	2854.09692	47.14132
2974.0	0.0003306	2857.47534	48.17070
2949.0	0.0003429	2860.85400	49.27757
2962.0	0.0003429	2864.23364	50.46801
2943.0	0.0003429	2867.61206	51.74897

3005.0	0.0003306	2870.99194	53.12841
2922.0	0.0003429	2874.37036	54.61557
2942.0	0.0003429	2877.75024	56.22129
2868.0	0.0003429	2881.12866	57.95833
2873.0	0.0003429	2884.50854	59.84201
2920.0	0.0003429	2887.88696	61.89077
2924.0	0.0003429	2890.53442	64.12705
2927.0	0.0003429	2890.25586	66.57831
2943.0	0.0003429	2889.97729	69.27827
3006.0	0.0003306	2889.69873	72.26836
2931.0	0.0003429	2889.42017	75.59941
3069.0	0.0003306	2889.14160	79.33341
2954.0	0.0003429	2888.86304	83.54554
3010.0	0.0003306	2888.58447	88.32591
3048.0	0.0003306	2888.30591	93.78141
3028.0	0.0003306	2888.02734	100.03690
3049.0	0.0003306	2887.74878	107.23593
2998.0	0.0003306	2887.47021	115.54054
3277.0	0.0003078	2887.19165	125.12987
3094.0	0.0003189	2886.91309	136.19730
3290.0	0.0003078	2886.63452	148.94609
3323.0	0.0002973	2886.35596	163.58333
3307.0	0.0002973	2886.07764	180.31180
3369.0	0.0002973	2885.79883	199.32030
3456.0	0.0002873	2885.52051	220.77199
3441.0	0.0002873	2885.24194	246.11217
3520.0	0.0002873	2884.96338	272.78497
3562.0	0.0002778	2884.68481	302.08640
3714.0	0.0002687	2884.40625	333.90921
3770.0	0.0002687	2884.12769	368.01483
3879.0	0.0002601	2883.84912	403.99210
3951.0	0.0002520	2883.57056	441.96823
4031.0	0.0002520	2883.29199	479.53030
3893.0	0.0002601	2883.01343	516.19684
4181.0	0.0002367	2882.73486	544.68439
4116.0	0.0002441	2882.45630	574.69458
4175.0	0.0002367	2882.17773	598.50977
4307.0	0.0002296	2881.89917	614.38342
4269.0	0.0002367	2881.62061	621.07343
4152.0	0.0002441	2881.34204	618.75635
4100.0	0.0002441	2881.06348	606.60901
4171.0	0.0002367	2880.78491	586.48383
4082.0	0.0002441	2880.50659	560.12616
4005.0	0.0002520	2880.22778	529.46912
3880.0	0.0002601	2879.94946	496.35544
3910.0	0.0002520	2879.67065	463.48996
3792.0	0.0002601	2879.39233	429.89801
3801.0	0.0002601	2879.11377	397.62244
3627.0	0.0002778	2878.83521	367.32343
3592.0	0.0002778	2878.55664	339.43845
3740.0	0.0002687	2878.27808	314.23364
3598.0	0.0002778	2877.99951	291.84430
3591.0	0.0002778	2877.72095	272.30835
3462.0	0.0002873	2877.44238	255.59158

3399.0	0.0002973	2877.16382	241.60904
3469.0	0.0002873	2876.88525	230.24277
3546.0	0.0002778	2876.60669	221.35735
3578.0	0.0002778	2876.32813	214.81360
3520.0	0.0002873	2876.04956	210.48134
3267.0	0.0003078	2875.77100	208.25006
3487.0	0.0002873	2875.49243	208.03848
3414.0	0.0002973	2875.21387	209.80258
3623.0	0.0002778	2874.93530	213.54190
3397.0	0.0002973	2874.65698	219.30423
3450.0	0.0002873	2874.37817	227.18893
3567.0	0.0002778	2874.09985	237.34789
3708.0	0.0002687	2873.82104	249.98492
3431.0	0.0002873	2873.54272	265.35272
3649.0	0.0002778	2873.26392	283.74768
3648.0	0.0002778	2872.98560	305.50134
3668.0	0.0002687	2872.70703	330.97009
3742.0	0.0002687	2872.42847	360.52133
3604.0	0.0002778	2872.14990	394.51715
3737.0	0.0002687	2871.87134	433.29538
3707.0	0.0002687	2871.59277	477.14798
3920.0	0.0002520	2871.31421	526.29614
3934.0	0.0002520	2871.03564	580.86127
3965.0	0.0002520	2870.75708	640.82983
3939.0	0.0002520	2870.47852	706.00836
4014.0	0.0002520	2870.19995	775.96606
4185.0	0.0002367	2869.92139	849.96118
4381.0	0.0002296	2869.64282	926.85431
4382.0	0.0002296	2869.36426	1005.02350
4293.0	0.0002296	2869.08569	1082.30884
4538.0	0.0002228	2868.80713	1156.04456
4520.0	0.0002228	2868.52856	1223.24170
4456.0	0.0002228	2868.25000	1280.96021
4665.0	0.0002163	2867.97168	1326.85156
4654.0	0.0002163	2867.69312	1359.72852
4571.0	0.0002163	2867.41455	1379.95874
4624.0	0.0002163	2867.13599	1389.50269
4542.0	0.0002228	2866.85742	1391.56323
4526.0	0.0002228	2866.57886	1389.98218
4349.0	0.0002296	2866.30029	1388.59668
4354.0	0.0002296	2866.02173	1393.18567
4245.0	0.0002367	2865.74316	1401.32813
4340.0	0.0002296	2865.46460	1416.92114
4134.0	0.0002441	2865.18604	1440.34558
4289.0	0.0002367	2864.90747	1470.84924
4223.0	0.0002367	2864.62891	1506.49353
4231.0	0.0002367	2864.35034	1544.11121
4212.0	0.0002367	2864.07178	1579.36353
4248.0	0.0002367	2863.79321	1607.02942
4217.0	0.0002367	2863.51465	1621.66492
4265.0	0.0002367	2863.23608	1618.61707
4060.0	0.0002441	2862.95752	1595.13416
4086.0	0.0002441	2862.67920	1551.11414
4080.0	0.0002441	2862.40039	1489.11816

4007.0	0.0002520	2862.12207	1413.65393
3869.0	0.0002601	2861.84326	1330.11267
3685.0	0.0002687	2861.56494	1243.81519
3573.0	0.0002778	2861.28613	1159.41943
3587.0	0.0002778	2861.00781	1080.69385
3508.0	0.0002873	2860.72925	1010.52979
3383.0	0.0002973	2860.45068	951.05634
3350.0	0.0002973	2860.17212	903.76862
3276.0	0.0003078	2859.89355	869.63641
3264.0	0.0003078	2859.61499	849.18353
3300.0	0.0003078	2859.33643	842.54456
3335.0	0.0002973	2859.05786	849.50446
3306.0	0.0003078	2858.77930	869.52136
3356.0	0.0002973	2858.50073	901.72858
3383.0	0.0002973	2858.22217	944.90509
3411.0	0.0002973	2857.94360	997.41187
3400.0	0.0002973	2857.66504	1057.09998
3639.0	0.0002778	2857.38647	1121.23254
3678.0	0.0002687	2857.10791	1186.49902
3753.0	0.0002687	2856.82935	1249.23389
3812.0	0.0002601	2856.55078	1305.89063
3932.0	0.0002520	2856.27222	1353.69958
3983.0	0.0002520	2855.99365	1391.24207
4003.0	0.0002520	2855.71533	1418.61890
3987.0	0.0002520	2855.43677	1437.06360
4126.0	0.0002441	2855.15820	1448.15332
4228.0	0.0002367	2854.87964	1452.96313
4174.0	0.0002367	2854.60107	1451.52283
4181.0	0.0002367	2854.32251	1442.82617
4224.0	0.0002367	2854.04395	1425.46960
4208.0	0.0002367	2853.76538	1398.66187
4245.0	0.0002367	2853.48682	1362.95605
4255.0	0.0002367	2853.20825	1320.15283
4187.0	0.0002367	2852.92969	1272.46265
4180.0	0.0002367	2852.65112	1221.55371
4070.0	0.0002441	2852.37256	1168.01538
4071.0	0.0002441	2852.09399	1111.41516
4071.0	0.0002441	2851.81543	1050.90930
4099.0	0.0002441	2851.53687	986.17950
3886.0	0.0002601	2851.25830	918.18933
3840.0	0.0002601	2850.97974	849.28833
3825.0	0.0002601	2850.70117	782.66730
3646.0	0.0002778	2850.42261	721.63300
3582.0	0.0002778	2850.14429	669.10895
3549.0	0.0002778	2849.86548	627.43207
3472.0	0.0002873	2849.58716	598.31506
3456.0	0.0002873	2849.30835	582.85492
3450.0	0.0002873	2849.03003	581.53735
3393.0	0.0002973	2848.75146	594.23267
3457.0	0.0002873	2848.47290	620.19281
3532.0	0.0002873	2848.19434	658.04913
3525.0	0.0002873	2847.91577	705.80579
3607.0	0.0002778	2847.63721	760.81274
3678.0	0.0002687	2847.35864	819.71680

3686.0	0.0002687	2847.08008	878.41925
3784.0	0.0002601	2846.80151	932.13123
3800.0	0.0002601	2846.52295	975.68829
3821.0	0.0002601	2846.24438	1004.26471
3907.0	0.0002520	2845.96582	1014.42651
3847.0	0.0002601	2845.68726	1005.12286
3879.0	0.0002601	2845.40869	978.05365
3809.0	0.0002601	2845.13013	937.17206
3905.0	0.0002601	2844.85156	887.62512
3773.0	0.0002687	2844.57300	834.69690
3787.0	0.0002601	2844.29468	784.80310
3773.0	0.0002687	2844.01587	738.45758
3807.0	0.0002601	2843.73755	700.28363
3633.0	0.0002778	2843.45874	672.35309
3649.0	0.0002778	2843.18042	655.90320
3661.0	0.0002687	2842.90161	651.37085
3729.0	0.0002687	2842.62329	658.41296
3789.0	0.0002601	2842.34473	675.91846
3763.0	0.0002687	2842.06616	702.00598
3829.0	0.0002601	2841.78760	734.01105
3932.0	0.0002520	2841.50903	768.47852
3975.0	0.0002520	2841.23047	801.22803
3917.0	0.0002520	2840.95190	827.60980
3955.0	0.0002520	2840.67334	843.07690
4070.0	0.0002441	2840.39478	844.05017
4050.0	0.0002441	2840.11621	828.78723
4069.0	0.0002441	2839.83765	797.79736
4028.0	0.0002520	2839.55908	753.54041
3983.0	0.0002520	2839.28052	699.60248
3858.0	0.0002601	2839.00195	639.80560
3968.0	0.0002520	2838.72339	577.59521
3824.0	0.0002601	2838.44482	515.76953
3817.0	0.0002601	2838.16626	456.44278
3773.0	0.0002687	2837.88770	401.11230
3702.0	0.0002687	2837.60938	350.74960
3727.0	0.0002687	2837.33081	305.88760
3753.0	0.0002687	2837.05225	266.69815
3707.0	0.0002687	2836.77368	233.06566
3683.0	0.0002687	2836.49512	204.65823
3623.0	0.0002778	2836.21655	180.99588
3558.0	0.0002778	2835.93799	161.51363
3578.0	0.0002778	2835.65942	145.61560
3465.0	0.0002873	2835.38086	132.71825
3461.0	0.0002873	2835.10229	122.28110
3430.0	0.0002873	2834.82373	113.82602
3359.0	0.0002973	2834.54517	106.94605
3351.0	0.0002973	2834.26660	101.30619
3266.0	0.0003078	2833.98804	96.63853
3250.0	0.0003078	2833.70947	92.73421
3309.0	0.0002973	2833.43091	89.43375
3166.0	0.0003189	2833.15234	86.61739
3111.0	0.0003189	2832.87402	84.19630
3141.0	0.0003189	2832.59521	82.10503
3140.0	0.0003189	2832.31689	80.29533

3083.0	0.0003189	2832.03809	78.73163
3030.0	0.0003306	2831.75977	77.38729
3015.0	0.0003306	2831.48096	76.24226
3034.0	0.0003306	2831.20264	75.28120
3016.0	0.0003306	2830.92383	74.49224
2938.0	0.0003429	2830.64551	73.86624
2973.0	0.0003306	2830.36694	73.39615
2944.0	0.0003429	2830.08838	73.07668
2835.0	0.000356	2829.80981	72.90404
2926.0	0.0003429	2829.53125	72.87580
2849.0	0.000356	2829.25269	72.99077
2869.0	0.0003429	2828.97412	73.24893
2832.0	0.000356	2828.69556	73.65143
2842.0	0.000356	2828.41699	74.20055
2860.0	0.000356	2828.13843	74.89972
2880.0	0.0003429	2827.85986	76.66541
2835.0	0.000356	2827.58130	77.69724
2833.0	0.000356	2827.30273	78.89751
2800.0	0.000356	2827.02417	80.27508
2810.0	0.000356	2826.74561	81.84042
2839.0	0.000356	2826.46704	83.60604
2773.0	0.000356	2825.11865	85.58668
2834.0	0.000356	2822.16724	87.79987
2873.0	0.0003429	2819.21460	90.26648
2876.0	0.0003429	2816.26294	93.01174
2802.0	0.000356	2813.31030	96.06632
2828.0	0.000356	2810.35889	99.46799
2838.0	0.000356	2807.40625	103.26380
2821.0	0.000356	2804.45459	107.51302
2896.0	0.0003429	2801.50195	112.29071
2859.0	0.000356	2798.55029	117.69241
2948.0	0.0003429	2795.59888	123.83990
2939.0	0.0003429	2792.64624	130.88774
2909.0	0.0003429	2789.69458	139.03107
2916.0	0.0003429	2786.74194	148.51370
2943.0	0.0003429	2783.79053	159.63654
3064.0	0.0003306	2780.83765	172.76521
2983.0	0.0003306	2777.88623	188.33607
3138.0	0.0003189	2774.93359	206.85907
3052.0	0.0003306	2771.98193	228.91653
3166.0	0.0003189	2769.03052	255.15596
3210.0	0.0003078	2766.07788	286.27557
3309.0	0.0002973	2763.12622	323.00189
3287.0	0.0003078	2760.17358	366.05878
3269.0	0.0003078	2757.22217	416.12756
3500.0	0.0002873	2754.26929	473.79929
3576.0	0.0002778	2751.31787	539.51965
3600.0	0.0002778	2748.36621	613.52686
3802.0	0.0002601	2745.41357	694.97479
3724.0	0.0002687	2742.46216	785.08325
4012.0	0.0002520	2739.50952	882.18121
4106.0	0.0002441	2736.55786	984.83014
4266.0	0.0002367	2733.60522	1090.86206
4354.0	0.0002296	2730.65381	1197.21704

4368.0	0.0002296	2727.70093	1299.81372
4522.0	0.0002228	2724.74951	1393.54236
4634.0	0.0002163	2721.79785	1472.52356
4759.0	0.0002100	2718.84521	1530.74634
4825.0	0.0002100	2715.89380	1563.07837
4948.0	0.0002041	2712.94116	1566.39172
4834.0	0.0002041	2709.98950	1540.36536
4834.0	0.0002041	2707.03687	1487.56970
4866.0	0.0002041	2704.08521	1412.79749
4859.0	0.0002041	2701.13257	1321.96680
4676.0	0.0002163	2698.18115	1221.05432
4606.0	0.0002163	2695.22949	1115.37012
4457.0	0.0002228	2692.27686	1009.22498
4507.0	0.0002228	2689.32544	905.89160
4349.0	0.0002296	2686.37280	807.71753
4286.0	0.0002367	2683.42114	716.28668
4287.0	0.0002367	2680.46851	632.57190
4152.0	0.0002441	2677.51685	557.06415
4137.0	0.0002441	2674.56543	491.68472
4060.0	0.0002441	2671.61279	432.65076
3988.0	0.0002520	2668.66113	381.34772
3976.0	0.0002520	2665.70850	337.21286
3848.0	0.0002601	2662.75708	299.58200
3766.0	0.0002687	2659.80444	267.73898
3759.0	0.0002687	2656.85278	240.95729
3665.0	0.0002687	2653.90015	218.53288
3628.0	0.0002778	2650.94849	199.80875
3580.0	0.0002778	2647.99707	184.19077
3385.0	0.0002973	2645.04443	171.15645
3442.0	0.0002873	2642.09277	160.25749
3428.0	0.0002873	2639.14014	151.11760
3350.0	0.0002973	2636.18872	143.42723
3303.0	0.0003078	2633.23608	136.93611
3171.0	0.0003189	2630.28442	131.44511
3225.0	0.0003078	2627.33179	126.79818
3150.0	0.0003189	2624.38013	122.87448
3122.0	0.0003189	2621.42871	119.58184
3075.0	0.0003306	2618.47607	116.88210
3054.0	0.0003306	2615.52441	114.66265
2943.0	0.0003429	2612.57178	112.91889
3076.0	0.0003306	2609.62036	111.62862
2939.0	0.0003429	2606.66748	110.78214
3061.0	0.0003306	2603.71606	110.38290
2948.0	0.0003429	2600.76440	104.50915
2911.0	0.0003429	2597.81177	105.14384
2841.0	0.000356	2594.86035	106.34750
2878.0	0.0003429	2591.90771	108.22102
2967.0	0.0003429	2588.95605	110.91309
2885.0	0.0003429	2586.00342	114.63466
2813.0	0.000356	2583.05200	119.67458
2857.0	0.000356	2580.09912	126.41446
2867.0	0.0003429	2577.14771	135.33951
2874.0	0.0003429	2574.19604	147.04120
2926.0	0.0003429	2571.24341	162.20679

2908.0	0.0003429	2568.29199	181.59157
2880.0	0.0003429	2565.33936	205.97008
2904.0	0.0003429	2562.38770	236.06653
2994.0	0.0003306	2559.43506	271.34103
2933.0	0.0003429	2556.48364	314.40979
2963.0	0.0003429	2553.53076	364.14218
2971.0	0.0003306	2550.57935	420.11951
3025.0	0.0003306	2547.62769	481.41498
3032.0	0.0003306	2544.67505	546.53107
3094.0	0.0003189	2541.72363	613.36218
3131.0	0.0003189	2538.77100	679.16101
3165.0	0.0003189	2535.81934	740.69055
3218.0	0.0003078	2532.86670	794.54803
3266.0	0.0003078	2529.91504	837.85608
3262.0	0.0003078	2526.96362	869.13409
3321.0	0.0002973	2524.01099	888.90289
3309.0	0.0002973	2521.05933	899.59546
3366.0	0.0002973	2518.10669	904.81207
3310.0	0.0002973	2515.15527	908.38745
3315.0	0.0002973	2512.20264	913.68396
3327.0	0.0002973	2509.25098	923.20959
3405.0	0.0002973	2506.29834	938.44800
3514.0	0.0002873	2503.34668	959.77594
3502.0	0.0002873	2500.39526	986.41010
3483.0	0.0002873	2497.44263	1016.39148
3661.0	0.0002687	2494.49097	1046.66003
3700.0	0.0002687	2491.53833	1073.29675
3677.0	0.0002687	2488.58691	1092.00183
3736.0	0.0002687	2485.63428	1098.79834
3647.0	0.0002778	2482.68262	1090.81750
3656.0	0.0002778	2479.72998	1066.90112
3576.0	0.0002778	2476.77832	1029.22498
3464.0	0.0002873	2473.82690	977.18787
3447.0	0.0002873	2470.87427	915.43628
3519.0	0.0002873	2467.92261	847.42694
3409.0	0.0002973	2464.96997	776.35858
3378.0	0.0002973	2462.01855	704.90540
3282.0	0.0003078	2459.06567	635.14478
3242.0	0.0003078	2456.11426	568.59747
3219.0	0.0003078	2453.16260	506.31277
3054.0	0.0003306	2450.20996	448.95612
3109.0	0.0003189	2447.25854	396.88672
3017.0	0.0003306	2444.30591	350.22018
2999.0	0.0003306	2441.35425	309.12357
2920.0	0.0003429	2438.40161	272.88950
3026.0	0.0003306	2435.45020	241.42693
2990.0	0.0003306	2432.49731	214.33089
2876.0	0.0003429	2429.54590	191.15401
2880.0	0.0003429	2426.59424	171.43369
2993.0	0.0003306	2423.64160	154.71379
2847.0	0.000356	2420.69019	140.56149
2882.0	0.0003429	2417.73755	128.57919
2834.0	0.000356	2414.78589	118.41152
2809.0	0.000356	2411.83325	109.74867

2900.0	0.0003429	2408.88184	102.32623
2841.0	0.000356	2405.92896	95.92274
2917.0	0.0003429	2402.97754	90.35593
2766.0	0.000356	2400.02588	85.47762
2847.0	0.000356	2397.07324	81.16883
2863.0	0.0003429	2394.12183	77.33479
2778.0	0.000356	2391.16919	73.90032
2804.0	0.000356	2388.21753	70.80589
2833.0	0.000356	2385.26489	68.00432
2779.0	0.000356	2382.31323	65.45788
2844.0	0.000356	2379.36182	64.65331
2836.0	0.000356	2376.40918	62.55341
2755.0	0.000370	2373.45752	60.63370
2718.0	0.000370	2370.50488	58.87718
2693.0	0.000370	2367.55347	57.26947
2803.0	0.000356	2364.60083	55.79824
2739.0	0.000370	2361.64917	54.45285
2676.0	0.000370	2358.69653	53.22405
2752.0	0.000370	2355.74487	52.10371
2546.0	0.000400	2352.79346	51.08473
2620.0	0.000384	2349.84082	50.16077
2589.0	0.000384	2346.88916	49.32631
2717.0	0.000370	2343.93652	48.57646
2674.0	0.000370	2340.98511	47.90694
2661.0	0.000370	2338.03247	47.31396
2719.0	0.000370	2335.08081	46.79425
2630.0	0.000384	2332.12817	46.34500
2667.0	0.000370	2329.17651	45.96377
2603.0	0.000384	2326.22510	45.64854
2515.0	0.000400	2323.27246	45.39764
2451.0	0.000400	2320.32080	48.30519
2612.0	0.000384	2317.36816	48.23819
2481.0	0.000400	2314.41675	48.23423
2463.0	0.000400	2311.46411	48.29302
2539.0	0.000400	2308.51245	48.41456
2408.0	0.000416	2305.56079	48.59921
2511.0	0.000400	2302.60815	48.84759
2505.0	0.000400	2299.65674	49.16068
2374.0	0.000416	2296.70410	49.53976
2392.0	0.000416	2293.75244	49.98648
2453.0	0.000400	2290.79980	50.50284
2467.0	0.000400	2287.84839	51.09122
2332.0	0.000434	2284.89551	51.75441
2318.0	0.000434	2281.94409	52.49564
2483.0	0.000400	2278.99243	53.31862
2330.0	0.000434	2276.03979	54.22759
2363.0	0.000416	2273.08838	55.22735
2417.0	0.000416	2270.13574	56.32336
2314.0	0.000434	2267.18408	57.52182
2259.0	0.000434	2264.23145	58.82973
2434.0	0.000416	2261.28003	60.25509
2370.0	0.000416	2258.32715	61.80702
2270.0	0.000434	2255.37573	66.58643
2308.0	0.000434	2252.42407	68.48314

2331.0	0.000434	2249.47144	70.54488
2298.0	0.000434	2246.52002	72.78854
2330.0	0.000434	2243.56738	75.23428
2425.0	0.000416	2240.61572	77.90655
2315.0	0.000434	2237.66309	80.83533
2279.0	0.000434	2234.71167	84.05775
2278.0	0.000434	2231.76001	87.62017
2282.0	0.000434	2232.20508	91.58070
2324.0	0.000434	2232.64990	96.01238
2326.0	0.000434	2233.09497	101.00674
2298.0	0.000434	2233.53979	106.67793
2309.0	0.000434	2233.98486	113.16715
2265.0	0.000434	2234.42993	122.97134
2388.0	0.000416	2234.87500	131.68427
2316.0	0.000434	2235.31982	141.84549
2368.0	0.000416	2235.76465	153.74449
2408.0	0.000416	2236.20972	167.71211
2430.0	0.000416	2236.65454	184.11813
2391.0	0.000416	2237.09961	203.36464
2435.0	0.000416	2237.54468	225.87602
2481.0	0.000400	2237.98975	252.08429
2591.0	0.000384	2238.43457	282.40991
2514.0	0.000400	2238.87964	317.28287
2676.0	0.000370	2239.32446	354.47064
2767.0	0.000356	2239.76929	399.20657
2819.0	0.000356	2240.21436	449.09598
2835.0	0.000356	2240.65942	504.06885
2913.0	0.0003429	2241.10449	563.83783
3090.0	0.0003189	2241.54932	627.84076
3247.0	0.0003078	2241.99438	695.16882
3371.0	0.0002973	2242.43921	764.48029
3402.0	0.0002973	2242.88403	833.90967
3495.0	0.0002873	2243.32910	900.99603
3750.0	0.0002687	2243.77417	962.68469
3733.0	0.0002687	2244.21924	1015.47021
3732.0	0.0002687	2244.66406	1055.74707
3957.0	0.0002520	2245.10913	1080.36072
3781.0	0.0002687	2245.55396	1087.24084
3858.0	0.0002601	2245.99902	1075.88806
3938.0	0.0002520	2246.44385	1047.50134
3721.0	0.0002687	2246.88892	1004.68433
3671.0	0.0002687	2247.33398	950.86584
3645.0	0.0002778	2247.77881	889.67963
3375.0	0.0002973	2248.22388	824.48846
3416.0	0.0002973	2248.66870	758.12347
3289.0	0.0003078	2249.11377	692.80945
3123.0	0.0003189	2249.55859	630.20093
3019.0	0.0003306	2250.00366	571.46790
3046.0	0.0003306	2250.44849	517.38519
2990.0	0.0003306	2250.89355	468.41525
2950.0	0.0003429	2251.33862	424.77319
2829.0	0.000356	2251.78345	386.48138
2832.0	0.000356	2252.22852	353.41452
2761.0	0.000356	2252.67334	325.33978

2759.0	0.000356	2253.11841	301.95352
2668.0	0.000370	2253.56323	282.91537
2719.0	0.000370	2254.00830	267.88083
2625.0	0.000384	2254.45337	256.53326
2665.0	0.000370	2254.89819	248.61441
2731.0	0.000370	2255.34326	243.95656
2685.0	0.000370	2255.78809	242.51523
2707.0	0.000370	2256.23315	244.40405
2641.0	0.000384	2256.67798	249.93065
2613.0	0.000384	2257.12305	259.63168
2704.0	0.000370	2257.56812	274.30276
2737.0	0.000370	2258.01294	295.01642
2725.0	0.000370	2258.45801	323.11932
2742.0	0.000370	2258.90283	360.19937
2892.0	0.0003429	2259.34790	408.01221
2881.0	0.0003429	2259.79272	468.36133
2933.0	0.0003429	2260.23779	542.93054
3064.0	0.0003306	2260.68286	637.77759
3121.0	0.0003189	2261.12793	744.33752
3209.0	0.0003078	2261.57275	867.24109
3300.0	0.0003078	2262.01758	1005.42682
3465.0	0.0002873	2262.46265	1156.66272
3483.0	0.0002873	2262.90747	1317.09302
3623.0	0.0002778	2263.35254	1481.52673
3934.0	0.0002520	2263.79761	1643.08032
4035.0	0.0002441	2264.24268	1793.34814
4166.0	0.0002367	2264.68750	1922.94202
4200.0	0.0002367	2265.13232	2022.78015
4272.0	0.0002367	2265.57739	2086.15674
4251.0	0.0002367	2266.02222	2110.90649
4084.0	0.0002441	2266.46729	2100.46704
4114.0	0.0002441	2266.91235	2063.12183
4044.0	0.0002441	2267.35742	2009.92078
3880.0	0.0002601	2267.80225	1952.47949
3902.0	0.0002601	2268.24731	1901.46350
3787.0	0.0002601	2268.69214	1865.84216
3875.0	0.0002601	2269.13696	1852.59229
3829.0	0.0002601	2269.58203	1866.56519
3797.0	0.0002601	2270.02710	1910.37061
3912.0	0.0002520	2270.47192	1984.27100
4028.0	0.0002520	2270.91699	2086.14941
4134.0	0.0002441	2271.36206	2211.66260
4249.0	0.0002367	2271.80688	2354.66064
4472.0	0.0002228	2272.25195	2507.83643
4558.0	0.0002163	2272.69678	2663.38916
4837.0	0.0002041	2273.14160	2813.36670
4869.0	0.0002041	2273.58667	2949.51514
5075.0	0.0001984	2274.03174	3060.86475
5117.0	0.0001929	2274.47681	3141.44287
5228.0	0.0001929	2274.92163	3179.11328
5196.0	0.0001929	2275.36670	3165.38306
5194.0	0.0001929	2275.81152	3095.90576
5135.0	0.0001929	2276.25635	2972.30273
4989.0	0.0001984	2276.70142	2802.11987

4799.0	0.0002100	2277.14648	2596.92627
4566.0	0.0002163	2277.59155	2369.71069
4375.0	0.0002296	2278.03638	2132.76489
4115.0	0.0002441	2278.48145	1896.52319
3971.0	0.0002520	2278.92627	1669.17444
3750.0	0.0002687	2279.37134	1456.69531
3515.0	0.0002873	2279.81616	1263.05786
3363.0	0.0002973	2280.26123	1090.49097
3201.0	0.0003078	2280.70630	939.76532
3083.0	0.0003189	2281.15112	810.48877
3029.0	0.0003306	2281.59619	701.40424
2835.0	0.000356	2282.04102	610.67841
2802.0	0.000356	2282.48608	536.15967
2668.0	0.000370	2282.93091	475.59589
2730.0	0.000370	2283.37598	426.80194
2609.0	0.000384	2283.82104	387.77576
2516.0	0.000400	2284.26587	356.76776
2469.0	0.000400	2284.71094	332.31281
2481.0	0.000400	2285.15576	313.23483
2464.0	0.000400	2285.60083	298.63373
2457.0	0.000400	2286.04565	287.86334
2383.0	0.000416	2286.49072	280.50638
2400.0	0.000416	2286.93579	276.34967
2371.0	0.000416	2287.38062	275.36307
2352.0	0.000434	2287.82568	277.68045
2339.0	0.000434	2288.27051	283.58359
2389.0	0.000416	2288.71558	293.48575
2407.0	0.000416	2289.16040	307.91223
2410.0	0.000416	2289.60547	327.47586
2359.0	0.000416	2290.05054	352.84409
2398.0	0.000416	2290.49536	384.69659
2389.0	0.000416	2290.94043	423.67300
2435.0	0.000416	2291.38525	470.31152
2475.0	0.000400	2291.83032	524.97998
2476.0	0.000400	2292.27515	587.80188
2531.0	0.000400	2292.72021	658.57819
2515.0	0.000400	2293.16504	736.70465
2561.0	0.000384	2293.61011	821.07971
2657.0	0.000370	2294.05518	910.00031
2720.0	0.000370	2294.50024	1001.04358
2788.0	0.000356	2294.94507	1090.95398
2882.0	0.0003429	2295.38989	1175.59192
2909.0	0.0003429	2295.83496	1250.05164
2899.0	0.0003429	2296.27979	1309.08032
2920.0	0.0003429	2296.72485	1347.85815
3083.0	0.0003189	2297.16992	1363.00488
2966.0	0.0003429	2297.61499	1353.42151
2963.0	0.0003429	2298.05981	1320.54797
3025.0	0.0003306	2298.50464	1267.89087
3059.0	0.0003306	2298.94971	1200.08105
2967.0	0.0003429	2299.39453	1121.92041
2987.0	0.0003306	2299.83960	1037.73315
2937.0	0.0003429	2300.28467	951.09094
2959.0	0.0003429	2300.72974	870.77106

2895.0	0.0003429	2301.17456	787.10608
2776.0	0.000356	2301.61963	707.57721
2728.0	0.000370	2302.06445	633.36700
2689.0	0.000370	2302.50928	565.27295
2640.0	0.000384	2302.95435	503.74405
2637.0	0.000384	2303.39941	448.91693
2616.0	0.000384	2303.84448	400.66217
2554.0	0.000384	2304.28931	358.63992
2461.0	0.000400	2304.73438	322.36191
2421.0	0.000416	2305.17920	291.25131
2461.0	0.000400	2305.62427	264.69553
2403.0	0.000416	2306.06909	242.08821
2427.0	0.000416	2306.51416	222.85919
2338.0	0.000434	2306.95923	213.02606
2378.0	0.000416	2307.40405	199.19586
2361.0	0.000416	2307.84912	189.10245
2338.0	0.000434	2308.29395	179.02367
2285.0	0.000434	2309.77686	170.38454
2342.0	0.000434	2315.40234	162.96620
2370.0	0.000416	2321.02783	156.59024
2288.0	0.000434	2326.65576	151.11118
2292.0	0.000434	2332.28125	146.41002
2292.0	0.000434	2337.90894	142.38921
2364.0	0.000416	2343.53467	138.96815
2378.0	0.000416	2349.16235	136.08012
2337.0	0.000434	2354.78784	133.66985
2352.0	0.000434	2360.41577	131.69170
2381.0	0.000416	2366.04126	130.10834
2360.0	0.000416	2371.66699	130.89845
2398.0	0.000416	2377.29468	130.04402
2421.0	0.000416	2382.92017	129.51482
2405.0	0.000416	2388.54785	129.29987
2380.0	0.000416	2394.17358	129.39389
2387.0	0.000416	2399.80127	129.79701
2373.0	0.000416	2405.42700	130.51445
2459.0	0.000400	2411.05469	131.55618
2434.0	0.000416	2416.68018	132.93645
2467.0	0.000400	2422.30591	134.67290
2395.0	0.000416	2427.93359	136.78575
2416.0	0.000416	2433.55908	139.29642
2394.0	0.000416	2438.33301	142.22606
2439.0	0.000416	2439.69604	145.59393
2407.0	0.000416	2441.05957	149.41537
2471.0	0.000400	2442.42261	156.40315
2557.0	0.000384	2443.78540	161.17671
2478.0	0.000400	2445.14893	166.40723
2442.0	0.000416	2446.51196	172.07402
2530.0	0.000400	2447.87549	178.14113
2562.0	0.000384	2449.23853	184.55463
2562.0	0.000384	2450.60181	191.23965
2568.0	0.000384	2451.96484	198.10057
2527.0	0.000400	2453.32837	205.02596
2527.0	0.000400	2454.69141	211.90306
2575.0	0.000384	2456.05420	218.64218

2553.0	0.000384	2457.41772	225.20638
2569.0	0.000384	2458.78076	229.81375
2552.0	0.000384	2460.14429	236.25249
2632.0	0.000384	2461.50732	242.87698
2633.0	0.000384	2462.87085	249.93324
2587.0	0.000384	2464.23364	257.69498
2639.0	0.000384	2465.59717	266.45102
2588.0	0.000384	2466.96021	276.50391
2598.0	0.000384	2468.32324	288.17630
2686.0	0.000370	2469.68652	301.82129
2710.0	0.000370	2471.04956	319.27029
2722.0	0.000370	2472.41309	338.11444
2725.0	0.000370	2473.77612	360.29034
2698.0	0.000370	2475.13965	386.38315
2811.0	0.000356	2476.50244	417.05338
2798.0	0.000356	2477.86548	453.03711
2836.0	0.000356	2479.22900	496.76703
2852.0	0.000356	2480.59204	545.86859
3027.0	0.0003306	2481.95557	602.84924
3083.0	0.0003189	2483.31836	668.61530
3084.0	0.0003189	2484.68188	744.04492
3134.0	0.0003189	2486.04492	829.94543
3169.0	0.0003189	2487.40845	927.00409
3372.0	0.0002973	2488.77148	1035.73413
3483.0	0.0002873	2490.13428	1156.41541
3621.0	0.0002778	2491.49780	1289.03003
3711.0	0.0002687	2492.86084	1433.18848
3914.0	0.0002520	2494.22437	1588.04260
4057.0	0.0002441	2495.58740	1752.18127
4334.0	0.0002296	2496.95068	1923.50586
4480.0	0.0002228	2498.31372	2099.10034
4714.0	0.0002100	2499.67725	2275.13696
4827.0	0.0002100	2501.04028	2446.89478
5096.0	0.0001984	2502.40308	2608.99902
5294.0	0.0001877	2503.76660	2756.00049
5351.0	0.0001877	2505.12964	2883.30884
5370.0	0.0001877	2506.49316	2988.32080
5458.0	0.0001826	2507.85620	3071.37036
5671.0	0.0001778	2509.21973	3136.07813
5468.0	0.0001826	2510.58252	3188.86938
5533.0	0.0001826	2511.94556	3237.75977
5771.0	0.0001731	2513.30908	3290.82739
5762.0	0.0001731	2514.67212	3354.79907
5818.0	0.0001731	2516.03540	3434.03052
5836.0	0.0001731	2517.39844	3529.92065
5998.0	0.0001687	2518.76196	3640.66431
6174.0	0.0001602	2520.12500	3761.20215
6333.0	0.0001562	2521.48853	3883.36060
6458.0	0.0001562	2522.85132	3996.35181
6570.0	0.0001524	2524.21436	4088.02344
6642.0	0.0001487	2525.57788	4147.19336
6592.0	0.0001524	2526.94092	4166.78076
6615.0	0.0001524	2528.30444	4146.49902
6625.0	0.0001524	2529.66724	4093.51880

6446.0	0.0001562	2531.03076	4020.55835
6314.0	0.0001602	2532.39380	3942.47217
6336.0	0.0001562	2533.75732	3872.96533
6204.0	0.0001602	2535.12036	3822.40503
6124.0	0.0001644	2536.48315	3796.74048
6336.0	0.0001562	2537.84668	3797.11011
6343.0	0.0001562	2539.20972	3819.74927
6445.0	0.0001562	2540.57324	3856.06982
6615.0	0.0001524	2541.93628	3895.43579
6608.0	0.0001524	2543.29956	3916.76831
6649.0	0.0001487	2544.66260	3905.05737
6535.0	0.0001524	2546.02563	3845.39331
6510.0	0.0001524	2547.38916	3729.04468
6219.0	0.0001602	2548.75195	3555.65479
5965.0	0.0001687	2550.11548	3332.71069
5672.0	0.0001778	2551.47852	3072.78198
5459.0	0.0001826	2552.84204	2790.19165
5140.0	0.0001929	2554.20508	2498.54224
4787.0	0.0002100	2555.56860	2209.44775
4511.0	0.0002228	2556.93140	1932.14014
4264.0	0.0002367	2558.29443	1673.49878
4098.0	0.0002441	2559.65796	1438.21826
3937.0	0.0002520	2561.02100	1229.02466
3703.0	0.0002687	2562.38428	1046.92163
3610.0	0.0002778	2563.74731	891.47491
3465.0	0.0002873	2565.11084	761.13470
3410.0	0.0002973	2566.47388	653.57037
3258.0	0.0003078	2567.83740	565.99396
3116.0	0.0003189	2569.20020	495.44489
3128.0	0.0003189	2570.56323	439.01920
3063.0	0.0003306	2571.92676	394.03375
3041.0	0.0003306	2573.28979	358.12650
2939.0	0.0003429	2574.65332	329.30194
2955.0	0.0003429	2576.01611	305.93289
2900.0	0.0003429	2577.37964	286.73364
2880.0	0.0003429	2578.74268	270.71494
2800.0	0.000356	2580.10571	257.13290
2818.0	0.000356	2581.46924	245.43837
2805.0	0.000356	2582.83203	235.23102
2897.0	0.0003429	2584.19556	226.22096
2807.0	0.000356	2585.55859	218.19824
2858.0	0.000356	2586.92212	211.00945
2821.0	0.000356	2588.28491	204.54077
2805.0	0.000356	2589.64844	198.70581
2732.0	0.000370	2591.01147	193.43750
2752.0	0.000370	2592.37451	188.68214
2775.0	0.000356	2593.73804	184.39601
2760.0	0.000356	2595.10083	180.54260
2862.0	0.000356	2596.46436	177.09126
2806.0	0.000356	2597.82739	174.01575
2864.0	0.0003429	2599.19092	171.29381
2811.0	0.000356	2600.55396	168.90646
2737.0	0.000370	2601.91748	166.83762
2911.0	0.0003429	2603.28027	165.07381

2843.0	0.000356	2604.64331	163.60393
2789.0	0.000356	2606.00684	162.41913
2765.0	0.000356	2607.36987	161.51265
2950.0	0.0003429	2608.73315	160.84868
2801.0	0.000356	2610.09619	160.48671
2790.0	0.000356	2611.45972	160.39456
2760.0	0.000356	2612.82275	160.57330
2803.0	0.000356	2614.18579	161.02609
2811.0	0.000356	2615.54907	161.75816
2752.0	0.000370	2616.91211	162.77727
2903.0	0.0003429	2618.27563	164.09375
2810.0	0.000356	2619.63867	165.72127
2792.0	0.000356	2621.00220	167.67738
2725.0	0.000370	2622.36499	169.98454
2837.0	0.000356	2623.72852	172.67146
2758.0	0.000356	2625.09155	175.77512
2731.0	0.000370	2626.45459	179.34337
2757.0	0.000356	2627.81812	183.43835
2683.0	0.000370	2629.18091	188.14113
2595.0	0.000384	2630.54443	193.55731
2724.0	0.000370	2631.90747	199.82402
2709.0	0.000370	2630.85352	207.11819
2658.0	0.000370	2629.19629	215.66577
2604.0	0.000384	2627.53833	225.75146
2679.0	0.000370	2625.88110	237.72858
2684.0	0.000370	2624.22388	252.02737
2743.0	0.000370	2622.56616	269.16068
2652.0	0.000370	2620.90894	289.72565
2571.0	0.000384	2619.25098	313.61237
2743.0	0.000370	2617.59375	343.14264
2774.0	0.000356	2615.93604	378.31088
2719.0	0.000370	2614.27881	419.91556
2773.0	0.000356	2612.62158	468.72275
2813.0	0.000356	2610.96362	525.41260
2786.0	0.000356	2609.30640	590.51776
2866.0	0.0003429	2607.64868	664.35443
2869.0	0.0003429	2605.99146	746.94873
2988.0	0.0003306	2604.33350	837.95874
3180.0	0.0003189	2602.67627	936.58960
3146.0	0.0003189	2601.01855	1041.49548
3175.0	0.0003189	2599.36133	1150.66882
3359.0	0.0002973	2597.70410	1261.31287
3290.0	0.0003078	2596.04614	1369.73022
3448.0	0.0002873	2594.38892	1471.28333
3560.0	0.0002778	2592.73120	1560.54004
3420.0	0.0002973	2591.07397	1631.73315
3462.0	0.0002873	2589.41602	1679.58472
3411.0	0.0002973	2587.75879	1700.36108
3492.0	0.0002873	2586.10107	1692.79199
3397.0	0.0002973	2584.44385	1658.43286
3611.0	0.0002778	2582.78662	1601.28455
3291.0	0.0003078	2581.12891	1526.86963
3236.0	0.0003078	2579.47168	1441.18677
3256.0	0.0003078	2577.81372	1349.90247

3182.0	0.0003189	2576.15649	1257.91333
3064.0	0.0003306	2574.49878	1169.20972
3006.0	0.0003306	2572.84155	1086.92383
2887.0	0.0003429	2571.18433	1013.44458
3000.0	0.0003306	2569.52637	950.54199
2872.0	0.0003429	2567.86914	899.47583
2748.0	0.000370	2566.21143	861.08569
2786.0	0.000356	2564.55420	835.86798
2807.0	0.000356	2562.89624	821.76086
2852.0	0.000356	2561.23901	823.34802
2907.0	0.0003429	2559.58130	838.16840
2792.0	0.000356	2557.92407	865.93805
2955.0	0.0003429	2556.26685	906.28284
2989.0	0.0003306	2554.60889	958.75269
3047.0	0.0003306	2552.95166	1022.81970
3083.0	0.0003189	2551.29395	1097.85217
3249.0	0.0003078	2549.63672	1183.06458
3119.0	0.0003189	2547.97876	1277.43860
3229.0	0.0003078	2546.32153	1379.62427
3434.0	0.0002873	2544.66382	1487.82971
3597.0	0.0002778	2543.00659	1599.73608
3554.0	0.0002778	2541.34937	1712.48462
3665.0	0.0002687	2539.69141	1822.79614
3789.0	0.0002601	2538.03418	1927.26831
3847.0	0.0002601	2536.37646	2022.82581
3954.0	0.0002520	2534.71924	2107.22266
4107.0	0.0002441	2533.06128	2179.40308
4050.0	0.0002441	2531.40405	2239.55713
4148.0	0.0002441	2529.74707	2288.80200
4161.0	0.0002367	2528.08911	2328.59668
4083.0	0.0002441	2526.43188	2360.07861
4171.0	0.0002367	2524.77417	2383.54175
4063.0	0.0002441	2523.11694	2398.21631
4130.0	0.0002441	2521.45898	2402.44702
4156.0	0.0002441	2519.80176	2394.27515
4083.0	0.0002441	2518.14404	2372.28076
4026.0	0.0002520	2516.48682	2336.39111
3951.0	0.0002520	2514.82959	2288.30347
3918.0	0.0002520	2513.17163	2231.33105
3932.0	0.0002520	2511.51440	2169.78125
3813.0	0.0002601	2509.85669	2108.16895
3821.0	0.0002601	2508.19946	2050.56055
3786.0	0.0002601	2506.54150	2000.18311
3768.0	0.0002687	2504.88428	1959.26440
3689.0	0.0002687	2503.22656	1929.02429
3823.0	0.0002601	2501.56934	1909.71667
3736.0	0.0002687	2499.91211	1900.68701
3958.0	0.0002520	2498.25415	1900.42737
3864.0	0.0002601	2496.59692	1906.65735
3746.0	0.0002687	2494.93921	1916.45691
3763.0	0.0002687	2493.28198	1926.49182
3854.0	0.0002601	2491.62402	1933.34521
3939.0	0.0002520	2489.96680	1933.93518
3866.0	0.0002601	2488.30957	1925.94629

3716.0	0.0002687	2486.65186	1908.17578
3856.0	0.0002601	2484.99463	1880.68811
3763.0	0.0002687	2483.33667	1844.73767
3689.0	0.0002687	2481.67944	1802.48962
3735.0	0.0002687	2480.02173	1756.62756
3673.0	0.0002687	2478.36450	1709.96033
3496.0	0.0002873	2476.70654	1665.10205
3629.0	0.0002778	2475.04932	1624.26331
3343.0	0.0002973	2473.39233	1589.13843
3349.0	0.0002973	2471.73438	1560.86621
3394.0	0.0002973	2470.07715	1540.74854
3325.0	0.0002973	2468.41943	1527.36768
3410.0	0.0002973	2466.76221	1520.90479
3345.0	0.0002973	2465.10425	1520.24817
3376.0	0.0002973	2463.44702	1523.69312
3349.0	0.0002973	2461.78931	1528.94971
3460.0	0.0002873	2460.13208	1533.21704
3487.0	0.0002873	2458.47485	1533.36938
3573.0	0.0002778	2456.81689	1526.28162
3485.0	0.0002873	2455.15967	1509.26636
3518.0	0.0002873	2453.50195	1480.52539
3490.0	0.0002873	2451.84473	1439.46960
3534.0	0.0002873	2450.18677	1386.78796
3272.0	0.0003078	2448.52954	1324.23877
3399.0	0.0002973	2446.87231	1254.63208
3174.0	0.0003189	2445.21460	1179.88159
3230.0	0.0003078	2443.55737	1102.90515
3165.0	0.0003189	2441.89941	1025.90430
3052.0	0.0003306	2440.24219	950.65173
2924.0	0.0003429	2438.58447	878.49048
3005.0	0.0003306	2436.92725	810.38629
2803.0	0.000356	2435.26929	746.99127
2893.0	0.0003429	2433.61206	688.70709
2751.0	0.000370	2431.95483	635.73846
2698.0	0.000370	2430.29712	588.13623
2687.0	0.000370	2428.63989	545.83258
2727.0	0.000370	2426.98193	508.67023
2650.0	0.000384	2425.32471	476.42798
2592.0	0.000384	2423.66699	448.84308
2580.0	0.000384	2422.00977	425.63138
2567.0	0.000384	2420.35181	406.50595
2596.0	0.000384	2418.69458	391.19229
2517.0	0.000400	2417.03760	372.67685
2521.0	0.000400	2415.37964	364.34232
2507.0	0.000400	2413.72241	361.64746
2519.0	0.000400	2412.06470	359.59476
2511.0	0.000400	2410.40747	360.53918
2533.0	0.000400	2408.74951	364.46414
2611.0	0.000384	2407.09229	371.40121
2580.0	0.000384	2405.43506	381.42572
2502.0	0.000400	2403.77734	394.65018
2548.0	0.000400	2402.12012	411.21646
2560.0	0.000384	2400.46216	431.28644
2604.0	0.000384	2398.80493	457.49496

2528.0	0.000400	2397.14722	485.10513
2664.0	0.000370	2395.48999	516.71240
2635.0	0.000384	2393.83203	552.44049
2616.0	0.000384	2392.17480	592.36731
2715.0	0.000370	2390.51758	636.50653
2760.0	0.000356	2388.85986	684.78577
2841.0	0.000356	2387.20264	737.01904
2860.0	0.000356	2385.54468	792.87451
2908.0	0.0003429	2383.88745	851.83325
3043.0	0.0003306	2382.22974	913.14056
3143.0	0.0003189	2380.57251	975.93207
3295.0	0.0003078	2378.91455	1038.47412
3323.0	0.0002973	2377.25732	1099.19275
3398.0	0.0002973	2375.60010	1155.97668
3464.0	0.0002873	2373.94238	1206.42615
3518.0	0.0002873	2372.28516	1248.01233
3500.0	0.0002873	2370.62720	1278.32666
3480.0	0.0002873	2368.96997	1295.39038
3556.0	0.0002778	2367.31226	1297.95520
3565.0	0.0002778	2365.65503	1285.71533
3471.0	0.0002873	2363.99780	1259.36084
3536.0	0.0002873	2362.33984	1220.45544
3476.0	0.0002873	2360.68286	1171.17847
3344.0	0.0002973	2359.02490	1114.00903
3326.0	0.0002973	2357.36768	1051.43787
3233.0	0.0003078	2355.70996	985.75037
3052.0	0.0003306	2354.05273	918.90308
3051.0	0.0003306	2352.39478	852.48114
3000.0	0.0003306	2350.73755	787.70868
2972.0	0.0003306	2349.08032	725.48962
2845.0	0.000356	2347.42261	666.45905
2785.0	0.000356	2345.76538	611.03583
2756.0	0.000370	2344.10742	559.46576
2711.0	0.000370	2342.45020	511.85971
2669.0	0.000370	2340.79248	468.22275
2580.0	0.000384	2339.13525	428.47791
2557.0	0.000384	2337.47729	392.48523
2512.0	0.000400	2335.82007	360.05783
2573.0	0.000384	2334.16284	330.97495
2517.0	0.000400	2332.50513	304.99335
2468.0	0.000400	2330.84790	281.85745
2440.0	0.000416	2329.18994	261.30734
2370.0	0.000416	2327.53271	243.08627
2388.0	0.000416	2325.87500	226.94574
2393.0	0.000416	2324.21777	212.65059
2449.0	0.000416	2322.56055	199.98160
2371.0	0.000416	2320.90259	188.73795
2331.0	0.000434	2319.24536	178.73811
2361.0	0.000416	2317.58765	169.82018
2345.0	0.000434	2315.93042	161.84135
2335.0	0.000434	2314.27246	154.67719
2364.0	0.000416	2312.61523	148.21996
2298.0	0.000434	2310.95752	142.37738
2320.0	0.000434	2309.30029	137.07091

2293.0	0.000434	2307.64307	132.23393
2355.0	0.000416	2305.98511	127.81033
2321.0	0.000434	2304.32813	123.75285
2364.0	0.000416	2302.67017	120.02183
2288.0	0.000434	2301.01294	116.58387
2273.0	0.000434	2299.35522	113.41090
2364.0	0.000416	2297.69800	110.47923
2361.0	0.000416	2296.04004	107.76876
2293.0	0.000434	2294.38281	105.26247
2306.0	0.000434	2292.72559	102.94573
2298.0	0.000434	2291.06787	100.80611
2267.0	0.000434	2289.41064	98.83290
2261.0	0.000434	2287.75269	97.01685
2301.0	0.000434	2286.30640	95.35007
2326.0	0.000434	2285.00000	93.82578
2304.0	0.000434	2283.69434	92.43822
2335.0	0.000434	2282.38843	91.18253
2268.0	0.000434	2281.08203	90.05474
2269.0	0.000434	2279.77612	89.05168
2275.0	0.000434	2278.46997	88.17096
2258.0	0.000434	2277.16406	87.41094
2320.0	0.000434	2275.85767	86.77081
2283.0	0.000434	2274.55200	86.25059
2324.0	0.000434	2273.24561	85.85122
2274.0	0.000434	2271.93970	85.57471
2307.0	0.000434	2270.63379	85.42439
2377.0	0.000416	2269.32764	85.40514
2305.0	0.000434	2268.02173	85.52395
2381.0	0.000416	2266.71533	85.79062
2406.0	0.000416	2265.40967	86.21861
2298.0	0.000434	2264.10327	86.82637
2369.0	0.000416	2262.79736	87.63902
2381.0	0.000416	2261.49097	88.69038
2378.0	0.000416	2260.18530	90.02544
2377.0	0.000416	2258.87939	91.70329
2395.0	0.000416	2257.57300	93.80000
2419.0	0.000416	2256.26733	96.41165
2437.0	0.000416	2254.96094	100.12934
2312.0	0.000434	2253.65503	104.15282
2411.0	0.000416	2252.34863	109.11638
2448.0	0.000416	2251.04297	115.20512
2398.0	0.000416	2249.73706	122.61832
2486.0	0.000400	2248.43066	131.56023
2450.0	0.000416	2247.12500	142.22731
2457.0	0.000400	2245.81860	157.57262
2500.0	0.000400	2244.51270	172.19226
2496.0	0.000400	2243.20630	188.91364
2541.0	0.000400	2241.90063	209.64922
2606.0	0.000384	2240.59424	230.48254
2616.0	0.000384	2239.28833	253.10345
2587.0	0.000384	2237.98267	277.18588
2625.0	0.000384	2236.67627	302.27695
2598.0	0.000384	2235.37036	327.79471
2685.0	0.000370	2234.06396	353.04056

2756.0	0.000356	2232.75830	377.24628
2765.0	0.000356	2231.45190	399.68393
2754.0	0.000370	2230.14600	419.85263
2701.0	0.000370	2228.83984	437.71323
2754.0	0.000370	2227.53394	453.88541
2783.0	0.000356	2226.22803	469.70557
2842.0	0.000356	2224.92163	487.10614
2814.0	0.000356	2223.61597	508.37244
2897.0	0.0003429	2222.30957	535.87305
2936.0	0.0003429	2221.00366	571.83228
2950.0	0.0003429	2219.69751	618.15802
2925.0	0.0003429	2218.39160	676.30505
2918.0	0.0003429	2217.08569	747.15515
3109.0	0.0003189	2215.77930	830.90222
3241.0	0.0003078	2214.47363	926.94379
3291.0	0.0003078	2213.16724	1033.77795
3416.0	0.0002973	2211.86133	1148.90674
3517.0	0.0002873	2210.55518	1268.74060
3610.0	0.0002778	2209.24927	1388.51843
3721.0	0.0002687	2207.94287	1502.28516
3888.0	0.0002601	2206.63696	1603.04358
3987.0	0.0002520	2205.33130	1683.25110
4044.0	0.0002441	2204.02490	1736.15173
4051.0	0.0002441	2202.71899	1755.70532
3993.0	0.0002520	2201.41284	1740.02820
3867.0	0.0002601	2200.10693	1690.57104
3816.0	0.0002601	2198.80054	1612.04712
3727.0	0.0002687	2197.49487	1511.21375
3610.0	0.0002778	2196.18848	1395.48486
3496.0	0.0002873	2194.88257	1272.74524
3357.0	0.0002973	2193.57666	1147.30859
3231.0	0.0003078	2192.27051	1024.92090
3160.0	0.0003189	2190.96460	909.32007
3057.0	0.0003306	2189.65820	803.18176
2932.0	0.0003429	2188.35254	708.64996
2854.0	0.000356	2187.04614	623.05072
2853.0	0.000356	2185.74023	552.34247
2735.0	0.000370	2184.43433	493.31653
2708.0	0.000370	2183.12817	444.98071
2710.0	0.000370	2181.82227	405.96918
2634.0	0.000384	2180.51587	374.66956
2736.0	0.000370	2179.21021	349.35648
2645.0	0.000384	2177.90381	328.33875
2537.0	0.000400	2176.59790	310.11322
2510.0	0.000400	2175.29150	293.49847
2497.0	0.000400	2173.98584	278.20386
2466.0	0.000400	2172.67993	262.83411
2431.0	0.000416	2171.37354	247.76620
2348.0	0.000434	2170.06787	233.06697
2451.0	0.000400	2168.76147	218.88762
2346.0	0.000434	2167.45557	205.40028
2402.0	0.000416	2166.14917	192.76447
2376.0	0.000416	2164.84351	181.11111
2400.0	0.000416	2163.53711	170.53645

2364.0	0.000416	2162.23120	161.09953
2292.0	0.000434	2160.92554	152.82249
2284.0	0.000434	2159.61914	146.52052
2279.0	0.000434	2158.31323	140.50404
2273.0	0.000434	2157.00684	138.67506
2337.0	0.000434	2155.70117	134.71545
2274.0	0.000434	2154.39478	131.62242
2206.0	0.000453	2153.08887	129.30081
2222.0	0.000453	2151.78320	128.44115
2246.0	0.000453	2150.47681	124.69490
2265.0	0.000434	2149.17090	124.19781
2298.0	0.000434	2147.86450	124.15299
2228.0	0.000453	2146.55884	124.50719
2195.0	0.000453	2145.25244	125.21827
2242.0	0.000453	2143.94653	126.25450
2189.0	0.000453	2142.64038	127.59319
2186.0	0.000453	2141.33447	129.21951
2209.0	0.000453	2140.02856	131.12532
2164.0	0.000453	2138.72217	133.30817
2227.0	0.000453	2137.41650	135.77042
2177.0	0.000453	2136.11011	140.37704
2185.0	0.000453	2135.90430	143.57387
2211.0	0.000453	2135.69824	146.95319
2191.0	0.000453	2135.49243	150.66342
2282.0	0.000434	2135.28662	154.72818
2152.0	0.000473	2135.08081	159.17641
2209.0	0.000453	2134.87500	164.04346
2239.0	0.000453	2134.66895	169.37254
2252.0	0.000453	2134.46313	175.21617
2278.0	0.000434	2134.25732	179.42995
2299.0	0.000434	2134.05151	186.52792
2300.0	0.000434	2133.84546	194.37820
2293.0	0.000434	2133.63965	203.09659
2258.0	0.000434	2133.43384	213.67984
2332.0	0.000434	2133.22803	224.59077
2391.0	0.000416	2133.02222	236.87915
2373.0	0.000416	2132.81616	250.78220
2466.0	0.000400	2132.61035	266.57693
2376.0	0.000416	2132.40454	284.58310
2474.0	0.000400	2132.19873	305.16464
2571.0	0.000384	2131.99268	328.72955
2434.0	0.000416	2131.78687	355.72705
2546.0	0.000400	2131.58105	386.64337
2621.0	0.000384	2131.37524	421.99310
2728.0	0.000370	2131.16919	462.30795
2712.0	0.000370	2130.96338	508.12234
2868.0	0.0003429	2130.75757	559.95483
2885.0	0.0003429	2130.55151	618.28687
3000.0	0.0003306	2130.34570	683.53735
2952.0	0.0003429	2130.13989	756.03516
3085.0	0.0003189	2129.93408	835.98602
3220.0	0.0003078	2129.72827	923.43622
3433.0	0.0002873	2129.52222	1018.22772
3513.0	0.0002873	2129.31641	1119.94592

3699.0	0.0002687	2129.11060	1227.86438
3859.0	0.0002601	2128.90479	1340.82495
3918.0	0.0002520	2128.69873	1457.21069
4038.0	0.0002441	2128.49292	1574.81335
4206.0	0.0002367	2128.28711	1690.78015
4479.0	0.0002228	2128.08130	1802.32324
4615.0	0.0002163	2127.87549	1903.97339
4800.0	0.0002100	2127.66943	1992.12744
4776.0	0.0002100	2127.46362	2062.63257
4855.0	0.0002041	2127.25781	2112.03345
4913.0	0.0002041	2127.05200	2138.07983
4797.0	0.0002100	2126.84595	2140.03198
4945.0	0.0002041	2126.64014	2118.68701
4829.0	0.0002100	2126.43433	2076.10889
4716.0	0.0002100	2126.22852	2015.19727
4701.0	0.0002100	2126.02246	1939.24707
4420.0	0.0002296	2125.81665	1851.62158
4205.0	0.0002367	2125.61084	1755.54785
4083.0	0.0002441	2125.40479	1654.02185
4008.0	0.0002520	2125.19897	1549.76221
3936.0	0.0002520	2124.99316	1445.18359
3744.0	0.0002687	2124.78735	1342.36633
3571.0	0.0002778	2124.58154	1243.03552
3384.0	0.0002973	2124.37549	1148.55737
3293.0	0.0003078	2124.16968	1059.94653
3225.0	0.0003078	2123.96387	977.90015
3105.0	0.0003189	2123.75806	902.83777
2914.0	0.0003429	2123.55200	832.55981
2966.0	0.0003429	2123.34619	771.89709
2891.0	0.0003429	2123.14038	718.33795
2770.0	0.000356	2122.93457	671.72308
2727.0	0.000370	2122.72876	631.88336
2692.0	0.000370	2122.52271	598.69763
2677.0	0.000370	2122.31689	572.15198
2602.0	0.000384	2122.11108	552.40247
2596.0	0.000384	2121.90527	539.84210
2655.0	0.000370	2121.69922	535.16809
2627.0	0.000384	2121.49341	540.62201
2643.0	0.000384	2121.28760	555.32037
2664.0	0.000370	2121.08179	582.32990
2693.0	0.000370	2120.87573	623.94623
2660.0	0.000370	2120.66992	682.78192
2782.0	0.000356	2120.46411	761.61420
2764.0	0.000356	2120.25806	863.40198
2823.0	0.000356	2120.05225	990.01471
2851.0	0.000356	2119.84644	1143.34338
3100.0	0.0003189	2119.64063	1323.96143
3287.0	0.0003078	2119.43481	1531.00916
3535.0	0.0002873	2119.22876	1761.88965
3894.0	0.0002601	2119.02295	2012.04272
4446.0	0.0002228	2118.81714	2274.81104
4791.0	0.0002100	2118.61133	2541.41675
5392.0	0.0001877	2118.40527	2801.10962
6087.0	0.0001644	2118.19946	3041.63867

6420.0	0.0001562	2117.99365	3250.29663
6728.0	0.0001487	2117.78784	3415.69873
6778.0	0.0001487	2117.58203	3529.94458
6878.0	0.0001452	2117.37598	3590.24170
6743.0	0.0001487	2117.17017	3598.99902
6329.0	0.0001562	2116.96436	3562.31299
5933.0	0.0001687	2116.75854	3487.78882
5645.0	0.0001778	2116.55249	3382.78442
5190.0	0.0001929	2116.34668	3253.56982
5026.0	0.0001984	2116.14087	3105.24829
4708.0	0.0002100	2115.93506	2942.08179
4458.0	0.0002228	2115.72900	2767.89063
4337.0	0.0002296	2115.52319	2586.38208
4241.0	0.0002367	2115.31738	2401.33374
4213.0	0.0002367	2115.11133	2216.60059
4004.0	0.0002520	2114.90552	2035.94702
3978.0	0.0002520	2114.69971	1862.77637
3721.0	0.0002687	2114.49390	1699.89294
3663.0	0.0002687	2114.28809	1549.38501
3473.0	0.0002873	2114.08203	1412.64575
3458.0	0.0002873	2113.87622	1290.49451
3343.0	0.0002973	2113.67041	1183.33374
3331.0	0.0002973	2113.46460	1091.29297
3365.0	0.0002973	2113.25854	1014.33948
3162.0	0.0003189	2113.05273	952.34943
3070.0	0.0003306	2112.84692	905.22266
3173.0	0.0003189	2112.64111	872.58630
3052.0	0.0003306	2112.43530	854.25793
3023.0	0.0003306	2112.22925	849.92609
3113.0	0.0003189	2112.02344	859.20917
3069.0	0.0003306	2111.81763	881.63556
3194.0	0.0003078	2111.61182	916.61700
3209.0	0.0003078	2111.40576	963.41864
3140.0	0.0003189	2111.19995	1021.12250
3354.0	0.0002973	2110.99414	1088.58069
3401.0	0.0002973	2110.78833	1164.36389
3501.0	0.0002873	2110.58228	1246.70935
3558.0	0.0002778	2110.37646	1333.49707
3615.0	0.0002778	2110.17065	1422.29724
3840.0	0.0002601	2109.96460	1510.53955
3810.0	0.0002601	2109.75879	1595.82971
3965.0	0.0002520	2109.55298	1676.35999
3902.0	0.0002601	2109.34717	1751.25208
3935.0	0.0002520	2109.14136	1820.65857
4039.0	0.0002441	2108.93530	1885.53162
4202.0	0.0002367	2108.72949	1947.15137
4197.0	0.0002367	2108.52368	2006.59143
4450.0	0.0002228	2108.31787	2064.27979
4546.0	0.0002228	2108.11182	2119.72974
4446.0	0.0002228	2107.90601	2171.44702
4750.0	0.0002100	2107.70020	2217.02002
4789.0	0.0002100	2107.49438	2253.38110
4780.0	0.0002100	2107.28857	2277.24829
4799.0	0.0002100	2107.08252	2285.69238

4701.0	0.0002100	2106.87671	2276.70142
4763.0	0.0002100	2106.67090	2251.63672
4810.0	0.0002100	2106.46509	2207.22949
4650.0	0.0002163	2106.25903	2147.50098
4575.0	0.0002163	2106.05322	2075.26807
4532.0	0.0002228	2105.84741	1993.60583
4460.0	0.0002228	2105.64160	1905.40381
4416.0	0.0002296	2105.43555	1813.08301
4194.0	0.0002367	2105.22974	1718.52258
4252.0	0.0002367	2105.02393	1623.15918
4038.0	0.0002441	2104.81787	1528.17419
4033.0	0.0002441	2104.61206	1434.68982
3655.0	0.0002778	2104.40625	1343.89026
3753.0	0.0002687	2104.20044	1257.04236
3673.0	0.0002687	2103.99463	1175.43909
3544.0	0.0002778	2103.78857	1100.30811
3376.0	0.0002973	2103.58276	1032.73657
3351.0	0.0002973	2103.37695	973.63300
3247.0	0.0003078	2103.17114	923.72308
3207.0	0.0003078	2102.96509	883.56866
3300.0	0.0003078	2102.75928	853.59180
3103.0	0.0003189	2102.55347	834.09808
3073.0	0.0003306	2102.34766	825.29089
3122.0	0.0003189	2102.14185	827.27686
3193.0	0.0003078	2101.93579	840.06116
3164.0	0.0003189	2101.72998	863.53650
3249.0	0.0003078	2101.52417	897.46198
3287.0	0.0003078	2101.31836	941.43903
3233.0	0.0003078	2101.11230	994.87897
3464.0	0.0002873	2100.90649	1056.96338
3433.0	0.0002873	2100.70068	1126.59460
3521.0	0.0002873	2100.49487	1202.33252
3582.0	0.0002778	2100.28882	1282.32239
3574.0	0.0002778	2100.08301	1364.21570
3657.0	0.0002778	2099.87720	1445.11218
3918.0	0.0002520	2099.67114	1521.56152
3924.0	0.0002520	2099.46533	1589.68542
4060.0	0.0002441	2099.25952	1645.47180
3953.0	0.0002520	2099.05371	1685.24976
3986.0	0.0002520	2098.84790	1706.26001
4083.0	0.0002441	2098.64185	1707.15015
4023.0	0.0002520	2098.43604	1688.21130
4090.0	0.0002441	2098.23022	1651.26428
3963.0	0.0002520	2098.02441	1599.26099
3879.0	0.0002601	2097.81836	1535.76587
3883.0	0.0002601	2097.61255	1464.48401
3601.0	0.0002778	2097.40674	1388.92334
3602.0	0.0002778	2097.20093	1312.20117
3582.0	0.0002778	2096.99512	1236.95935
3434.0	0.0002873	2096.78906	1165.34790
3351.0	0.0002973	2096.58325	1099.04077
3332.0	0.0002973	2096.37744	1039.26904
3116.0	0.0003189	2096.17163	986.86121
3099.0	0.0003189	2095.96558	942.28387

3146.0	0.0003189	2095.75977	905.67902
2952.0	0.0003429	2095.55396	876.90198
3055.0	0.0003306	2095.34814	855.54773
3021.0	0.0003306	2095.14209	840.97559
3103.0	0.0003189	2094.93628	832.32477
2993.0	0.0003306	2094.73047	828.52673
3048.0	0.0003306	2094.52441	828.32190
2902.0	0.0003429	2094.31860	830.28955
2936.0	0.0003429	2094.11279	832.90485
2955.0	0.0003429	2093.90698	834.63507
2932.0	0.0003429	2093.70117	834.07495
2910.0	0.0003429	2093.49512	830.10309
2778.0	0.000356	2093.28931	822.02350
2847.0	0.000356	2093.08350	809.65015
2873.0	0.0003429	2092.87769	793.30475
2889.0	0.0003429	2092.67163	773.72894
2829.0	0.000356	2092.46582	751.94061
2759.0	0.000356	2092.26001	729.07977
2656.0	0.000370	2092.05420	706.27875
2690.0	0.000370	2091.84839	684.57611
2687.0	0.000370	2091.64233	664.87366
2667.0	0.000370	2091.43652	647.92627
2671.0	0.000370	2091.23071	634.34979
2621.0	0.000384	2091.02490	624.63885
2626.0	0.000384	2090.81885	619.18378
2674.0	0.000370	2090.61304	618.34961
2676.0	0.000370	2090.40723	622.24060
2653.0	0.000370	2090.20142	631.08240
2739.0	0.000370	2089.99536	644.98608
2759.0	0.000356	2089.78955	664.01648
2795.0	0.000356	2089.58374	688.20288
2820.0	0.000356	2089.37769	717.54773
2879.0	0.0003429	2089.17188	752.03564
2918.0	0.0003429	2088.96606	791.64154
2983.0	0.0003306	2088.76025	836.33484
3023.0	0.0003306	2088.55444	886.08185
3179.0	0.0003189	2088.34839	940.84094
3169.0	0.0003189	2088.14258	1000.55518
3228.0	0.0003078	2087.93677	1065.14063
3313.0	0.0002973	2087.73096	1134.47095
3308.0	0.0002973	2087.52490	1208.36243
3517.0	0.0002873	2087.31909	1286.56128
3528.0	0.0002873	2087.11328	1368.72510
3551.0	0.0002778	2086.90747	1455.07190
3611.0	0.0002778	2086.70166	1543.62476
3689.0	0.0002687	2086.49561	1634.14429
3779.0	0.0002687	2086.28979	1725.29163
3836.0	0.0002601	2086.08398	1815.10754
3999.0	0.0002520	2085.87817	1900.82410
4061.0	0.0002441	2085.67212	1978.74243
4144.0	0.0002441	2085.46631	2044.27185
4158.0	0.0002441	2085.26050	2092.25195
4228.0	0.0002367	2085.05469	2117.68384
4165.0	0.0002367	2084.84863	2116.81812

4156.0	0.0002441	2084.64282	2088.24268
4015.0	0.0002520	2084.43701	2033.43628
3815.0	0.0002601	2084.23096	1956.44751
3767.0	0.0002687	2084.02515	1862.90942
3601.0	0.0002778	2083.81934	1758.91309
3531.0	0.0002873	2083.61353	1650.15625
3427.0	0.0002873	2083.40771	1541.47424
3358.0	0.0002973	2083.20166	1436.65686
3154.0	0.0003189	2082.99585	1338.42529
3184.0	0.0003189	2082.79004	1248.48621
3065.0	0.0003306	2082.58423	1167.61816
3039.0	0.0003306	2082.37817	1095.78638
3046.0	0.0003306	2082.17236	1032.28650
2914.0	0.0003429	2081.96655	975.93103
2950.0	0.0003429	2081.76074	925.27753
2881.0	0.0003429	2081.55493	878.87134
2884.0	0.0003429	2081.34888	835.46320
2732.0	0.000370	2081.14307	794.15497
2845.0	0.000356	2080.93726	754.45172
2733.0	0.000370	2080.73145	716.22742
2739.0	0.000370	2080.52539	679.63513
2681.0	0.000370	2080.31958	645.00122
2627.0	0.000384	2080.11377	612.73187
2599.0	0.000384	2079.90796	583.24713
2564.0	0.000384	2079.70190	556.93939
2484.0	0.000400	2079.49609	534.15497
2481.0	0.000400	2079.29028	515.24152
2411.0	0.000416	2079.08423	500.32727
2418.0	0.000416	2078.87842	489.65088
2402.0	0.000416	2078.67261	483.34378
2425.0	0.000416	2078.46680	481.48453
2425.0	0.000416	2078.26099	484.09656
2392.0	0.000416	2078.05493	491.14511
2450.0	0.000416	2077.84912	502.53183
2469.0	0.000400	2077.64331	518.08746
2444.0	0.000416	2077.43750	537.56085
2449.0	0.000416	2077.23145	560.60510
2472.0	0.000400	2077.02563	586.75897
2514.0	0.000400	2076.81982	615.42242
2550.0	0.000400	2076.61401	645.82928
2493.0	0.000400	2076.40820	677.02112
2600.0	0.000384	2076.20215	707.82880
2665.0	0.000370	2075.99634	737.52051
2664.0	0.000370	2075.79053	763.28339
2721.0	0.000370	2075.58472	784.20813
2634.0	0.000384	2075.37866	798.65442
2654.0	0.000370	2075.17285	805.46521
2574.0	0.000384	2074.96704	803.82898
2714.0	0.000370	2074.76123	793.58215
2644.0	0.000384	2074.55518	775.15674
2630.0	0.000384	2074.34937	749.51276
2605.0	0.000384	2074.14355	717.96930
2559.0	0.000384	2073.93750	682.00793
2512.0	0.000400	2073.73169	643.09729

2511.0	0.000400	2073.52588	604.42377
2411.0	0.000416	2073.32007	563.43738
2438.0	0.000416	2073.11426	522.87537
2357.0	0.000416	2072.90820	483.43677
2264.0	0.000434	2072.70239	445.63702
2307.0	0.000434	2072.49658	409.83914
2299.0	0.000434	2072.29077	376.28195
2330.0	0.000434	2072.08472	345.10641
2236.0	0.000453	2071.87891	316.37518
2138.0	0.000473	2071.67310	290.08881
2179.0	0.000453	2071.46729	266.19882
2128.0	0.000473	2071.26147	244.61778
2233.0	0.000453	2071.05542	225.22813
2161.0	0.000473	2070.84961	207.89035
2163.0	0.000453	2070.64380	192.44971
2160.0	0.000473	2070.43799	178.74306
2122.0	0.000473	2070.23193	166.60440
2129.0	0.000473	2070.02612	155.86992
2119.0	0.000473	2069.82031	146.38194
2158.0	0.000473	2069.61450	137.99203
2079.0	0.000473	2069.40845	130.56308
2124.0	0.000473	2069.20264	121.22642
2129.0	0.000473	2068.99683	115.37807
2117.0	0.000473	2068.79077	110.15682
2133.0	0.000473	2068.58496	105.47722
2064.0	0.000494	2068.37915	101.26574
2010.0	0.000494	2068.17334	97.45947
2083.0	0.000473	2067.96753	94.00515
2128.0	0.000473	2067.76147	90.85792
2077.0	0.000473	2067.55566	87.98006
2112.0	0.000473	2067.34985	85.34007
2119.0	0.000473	2067.14404	82.91158
2077.0	0.000473	2066.93799	80.67258
2079.0	0.000473	2066.73218	78.60458
2136.0	0.000473	2066.52637	76.69207
2142.0	0.000473	2066.32056	74.92192
2082.0	0.000473	2066.11475	73.28309
2099.0	0.000473	2065.90869	71.76614
2096.0	0.000473	2065.70288	70.36311
2098.0	0.000473	2065.49707	69.06712
2077.0	0.000473	2065.29126	68.28764
2098.0	0.000473	2065.34106	67.19231
2129.0	0.000473	2065.45483	66.18926
2117.0	0.000473	2065.56836	65.27515
2082.0	0.000473	2065.68213	64.44727
2095.0	0.000473	2065.79590	63.70361
2145.0	0.000473	2065.90967	63.04277
2098.0	0.000473	2066.02344	62.46398
2120.0	0.000473	2066.13721	61.96716
2128.0	0.000473	2066.25098	61.55286
2075.0	0.000473	2066.36475	61.22232
2086.0	0.000473	2066.47852	60.97754
2180.0	0.000453	2066.59229	60.82124
2152.0	0.000473	2066.70605	60.75693

2121.0	0.000473	2066.81958	60.78902
2098.0	0.000473	2066.93335	60.92272
2155.0	0.000473	2067.04712	61.16418
2137.0	0.000473	2067.16089	61.52047
2143.0	0.000473	2067.27466	61.99965
2124.0	0.000473	2067.38843	62.61073
2187.0	0.000453	2067.50220	63.36378
2149.0	0.000473	2067.61597	64.26992
2154.0	0.000473	2067.72974	66.11716
2143.0	0.000473	2067.84326	67.37662
2201.0	0.000453	2067.95703	68.83098
2184.0	0.000453	2068.07080	70.57440
2157.0	0.000473	2068.18457	73.06551
2214.0	0.000453	2068.29834	75.23872
2122.0	0.000473	2068.41211	77.70483
2218.0	0.000453	2068.52588	80.50565
2237.0	0.000453	2068.63965	83.69573
2183.0	0.000453	2068.75342	87.34637
2148.0	0.000473	2068.86694	91.55044
2220.0	0.000453	2068.98071	96.42727
2266.0	0.000434	2069.09448	102.12718
2256.0	0.000434	2069.20825	109.50683
2175.0	0.000453	2069.32202	117.45478
2186.0	0.000453	2069.43579	126.88313
2219.0	0.000453	2069.54956	138.06992
2203.0	0.000453	2069.66333	151.30623
2183.0	0.000453	2069.77710	166.87842
2259.0	0.000434	2069.89063	185.04597
2300.0	0.000434	2070.00439	206.01628
2285.0	0.000434	2070.11816	229.91827
2241.0	0.000453	2070.23193	256.77847
2357.0	0.000416	2070.34570	286.49933
2345.0	0.000434	2070.45947	318.84186
2369.0	0.000416	2070.57324	353.41193
2459.0	0.000400	2070.68701	389.64810
2424.0	0.000416	2070.80078	426.81311
2470.0	0.000400	2070.91431	463.99265
2559.0	0.000384	2071.02808	500.12131
2490.0	0.000400	2071.14185	534.06390
2485.0	0.000400	2071.25562	564.78217
2569.0	0.000384	2071.36938	591.57361
2537.0	0.000400	2071.48315	614.29749
2582.0	0.000384	2071.59692	633.46130
2688.0	0.000370	2071.71069	650.09393
2538.0	0.000400	2071.82446	665.45441
2463.0	0.000400	2071.93823	680.70947
2655.0	0.000370	2072.05200	696.68201
2542.0	0.000400	2072.16553	713.70374
2602.0	0.000384	2072.27930	731.55261
2640.0	0.000384	2072.39307	749.45795
2716.0	0.000370	2072.50684	766.18256
2725.0	0.000370	2072.62061	780.20831
2683.0	0.000370	2072.73438	790.03644
2728.0	0.000370	2072.84814	794.53406

2699.0	0.000370	2072.96191	793.19141
2707.0	0.000370	2073.07544	786.15564
2797.0	0.000356	2073.18921	774.03436
2806.0	0.000356	2073.30298	757.59821
2761.0	0.000356	2073.41675	737.53088
2742.0	0.000370	2073.53052	714.31006
2732.0	0.000370	2073.64429	688.21594
2676.0	0.000370	2073.75806	659.42584
2657.0	0.000370	2073.87183	628.14447
2601.0	0.000384	2073.98560	594.71332
2585.0	0.000384	2074.09912	559.66498
2661.0	0.000370	2074.21289	523.70081
2611.0	0.000384	2074.32666	487.60834
2557.0	0.000384	2074.44043	452.15680
2615.0	0.000384	2074.55420	418.66315
2521.0	0.000400	2074.66797	386.32745
2444.0	0.000416	2074.78174	356.12845
2396.0	0.000416	2074.89551	328.23993
2505.0	0.000400	2075.00928	302.70575
2457.0	0.000400	2075.12280	279.46942
2433.0	0.000416	2075.23657	258.40152
2472.0	0.000400	2075.35034	239.32420
2424.0	0.000416	2075.46411	222.03642
2443.0	0.000416	2075.57788	206.33868
2395.0	0.000416	2075.69165	192.05614
2382.0	0.000416	2075.80542	179.05376
2364.0	0.000416	2075.91919	167.94586
2422.0	0.000416	2076.03296	157.26379
2297.0	0.000434	2076.14648	147.66928
2356.0	0.000416	2076.26025	139.12746
2290.0	0.000434	2076.37402	131.60107
2266.0	0.000434	2076.48779	125.04759
2201.0	0.000453	2076.60156	119.42039
2240.0	0.000453	2076.71533	114.67136
2288.0	0.000434	2076.82910	110.75420
2281.0	0.000434	2076.94287	107.62720
2319.0	0.000434	2077.05664	105.25609
2230.0	0.000453	2077.17041	103.61710
2318.0	0.000434	2077.28418	107.09687
2189.0	0.000453	2077.39771	107.49792
2216.0	0.000453	2077.51147	108.11439
2329.0	0.000434	2077.62524	109.55013
2249.0	0.000453	2077.73901	111.89825
2170.0	0.000453	2077.85278	115.29308
2269.0	0.000434	2077.96655	119.91622
2181.0	0.000453	2078.08032	126.00182
2263.0	0.000434	2078.19409	133.83948
2279.0	0.000434	2078.30786	143.77402
2213.0	0.000453	2078.42139	153.60109
2285.0	0.000434	2078.53516	168.97166
2265.0	0.000434	2078.64893	187.73016
2367.0	0.000416	2078.76270	210.33998
2379.0	0.000416	2078.87646	237.24062
2388.0	0.000416	2078.99023	268.81705

2439.0	0.000416	2079.10400	305.36655
2424.0	0.000416	2079.21777	347.06461
2502.0	0.000400	2079.33154	393.93066
2532.0	0.000400	2079.44507	445.79340
2641.0	0.000384	2079.55884	502.25540
2608.0	0.000384	2079.67261	562.65906
2695.0	0.000370	2079.78638	626.06171
2702.0	0.000370	2079.90015	691.23859
2703.0	0.000370	2080.01392	756.74335
2835.0	0.000356	2080.12769	821.04022
2859.0	0.000356	2080.24146	882.68744
2840.0	0.000356	2080.35522	941.07794
2955.0	0.0003429	2080.46875	994.07513
3034.0	0.0003306	2080.58252	1041.42798
2992.0	0.0003306	2080.69629	1082.16650
2982.0	0.0003306	2080.81006	1115.00256
2921.0	0.0003429	2080.92383	1138.28943
3048.0	0.0003306	2081.03760	1150.18420
2976.0	0.0003306	2081.15137	1149.00000
3070.0	0.0003306	2081.26514	1133.66479
3024.0	0.0003306	2081.37891	1104.11768
3025.0	0.0003306	2081.49243	1061.46960
3001.0	0.0003306	2081.60620	1007.84015
2771.0	0.000356	2081.71997	945.96558
2777.0	0.000356	2081.83374	878.75342
2832.0	0.000356	2081.94751	808.93188
2699.0	0.000370	2082.06128	738.84741
2695.0	0.000370	2082.17505	670.38824
2550.0	0.000400	2082.28882	604.98761
2574.0	0.000384	2082.40259	543.66479
2549.0	0.000400	2082.51636	487.08157
2434.0	0.000416	2082.62988	435.59998
2498.0	0.000400	2082.74365	389.33975
2422.0	0.000416	2082.85742	348.23050
2383.0	0.000416	2082.97119	312.05942
2323.0	0.000434	2083.08496	280.51303
2320.0	0.000434	2083.19873	253.21352
2257.0	0.000434	2083.31250	229.74864
2204.0	0.000453	2083.42627	209.69662
2274.0	0.000434	2083.54004	192.64499
2298.0	0.000434	2083.65356	178.20448
2202.0	0.000453	2083.76733	166.01852
2162.0	0.000453	2083.88110	155.76831
2268.0	0.000434	2083.99487	147.17470
2167.0	0.000453	2084.10864	139.99786
2070.0	0.000494	2084.22241	134.03477
2132.0	0.000473	2084.33618	126.61759
2162.0	0.000453	2084.44995	122.61996
2201.0	0.000453	2084.56372	119.41417
2152.0	0.000473	2084.67725	116.91040
2083.0	0.000473	2084.79102	116.99738
2053.0	0.000494	2084.90479	115.73222
2166.0	0.000453	2085.01855	115.02151
2124.0	0.000473	2085.13232	114.85661

2117.0	0.000473	2085.24609	115.25317
2222.0	0.000453	2085.35986	116.25517
2103.0	0.000473	2085.47363	117.93992
2165.0	0.000453	2085.58740	120.42237
2178.0	0.000453	2085.70093	123.85799
2136.0	0.000473	2085.81470	128.44345
2142.0	0.000473	2085.92847	134.41422
2303.0	0.000434	2086.04224	142.03931
2208.0	0.000453	2086.15601	151.61299
2211.0	0.000453	2086.26978	163.44336
2289.0	0.000434	2086.38354	177.83794
2228.0	0.000453	2086.49731	195.08623
2225.0	0.000453	2086.61108	215.43901
2260.0	0.000434	2086.72485	239.08556
2252.0	0.000453	2086.83838	266.12903
2256.0	0.000453	2086.95215	296.56079
2323.0	0.000434	2087.06592	330.23477
2327.0	0.000434	2087.17969	366.84091
2355.0	0.000416	2087.29346	405.87830
2354.0	0.000416	2087.40723	446.62616
2440.0	0.000416	2087.52100	488.11252
2524.0	0.000400	2087.63477	529.08594
2568.0	0.000384	2087.74854	568.00122
2545.0	0.000400	2087.86230	603.04498
2635.0	0.000384	2087.97583	632.23419
2632.0	0.000384	2088.08960	653.61615
2705.0	0.000370	2088.20337	665.56006
2636.0	0.000384	2088.31714	667.07404
2570.0	0.000384	2088.43091	658.02954
2603.0	0.000384	2088.54468	639.19006
2623.0	0.000384	2088.65845	612.03522
2511.0	0.000400	2088.77222	578.45660
2577.0	0.000384	2088.88599	540.44958
2513.0	0.000400	2088.99951	499.88467
2342.0	0.000434	2089.11328	458.38321
2528.0	0.000400	2089.22705	417.27502
2491.0	0.000400	2089.34082	377.60489
2399.0	0.000416	2089.45459	340.15869
2366.0	0.000416	2089.56836	305.49487
2352.0	0.000416	2089.68213	273.97424
2338.0	0.000434	2089.79590	245.78777
2400.0	0.000416	2089.90967	220.98312
2409.0	0.000416	2090.02319	199.78915
2252.0	0.000453	2090.13696	181.45415
2245.0	0.000453	2090.25073	166.04636
2315.0	0.000434	2090.36450	153.29845
2199.0	0.000453	2090.47827	142.92247
2264.0	0.000434	2090.59204	134.62794
2273.0	0.000434	2090.70581	128.13576
2255.0	0.000453	2090.81958	124.24883
2243.0	0.000453	2090.93335	120.63036
2320.0	0.000434	2091.04688	118.13258
2340.0	0.000434	2091.16064	116.68046
2270.0	0.000434	2091.27441	115.96868

2309.0	0.000434	2091.38818	116.15974
2286.0	0.000434	2091.50195	116.83314
2208.0	0.000453	2091.61572	118.11659
2196.0	0.000453	2091.72949	119.98716
2271.0	0.000434	2091.84326	122.44337
2262.0	0.000434	2091.95703	125.50414
2178.0	0.000453	2092.07080	129.20839
2302.0	0.000434	2092.18433	133.61549
2202.0	0.000453	2092.29810	138.80576
2231.0	0.000453	2092.41187	144.88135
2189.0	0.000453	2092.52563	151.96660
2255.0	0.000453	2092.63940	160.20795
2277.0	0.000434	2092.75317	168.61098
2297.0	0.000434	2092.86694	179.68889
2254.0	0.000453	2092.98071	192.46793
2212.0	0.000453	2093.09448	207.14702
2289.0	0.000434	2093.20801	223.91989
2344.0	0.000434	2093.32178	242.96487
2330.0	0.000434	2093.43555	264.43420
2281.0	0.000434	2093.54932	288.44370
2330.0	0.000434	2093.66309	315.06226
2507.0	0.000400	2093.77686	344.29999
2435.0	0.000416	2093.89063	376.09338
2456.0	0.000400	2094.00439	410.28598
2441.0	0.000416	2094.11816	446.60245
2529.0	0.000400	2094.23169	484.61862
2510.0	0.000400	2094.34546	523.72662
2584.0	0.000384	2094.45923	563.10132
2664.0	0.000370	2094.57300	601.67578
2655.0	0.000370	2094.68677	638.14471
2674.0	0.000370	2094.80054	671.01703
2675.0	0.000370	2094.91431	698.74414
2667.0	0.000370	2095.02808	719.92853
2757.0	0.000356	2095.14185	733.57172
2759.0	0.000356	2095.25537	739.28235
2779.0	0.000356	2095.36914	737.35468
2745.0	0.000370	2095.48291	728.67902
2795.0	0.000356	2095.59668	714.52350
2858.0	0.000356	2095.71045	696.28027
2785.0	0.000356	2095.82422	675.25415
2830.0	0.000356	2095.93799	652.53632
2808.0	0.000356	2096.05176	628.95715
2731.0	0.000370	2096.16553	605.09540
2842.0	0.000356	2096.27905	581.32019
2767.0	0.000356	2096.39282	558.14063
2852.0	0.000356	2096.50659	535.09497
2756.0	0.000370	2096.62036	512.55267
2740.0	0.000370	2096.73413	490.58957
2758.0	0.000356	2096.84790	469.30023
2770.0	0.000356	2096.96167	448.80325
2693.0	0.000370	2097.07544	429.23334
2638.0	0.000384	2097.18921	410.72705
2605.0	0.000384	2097.30298	393.40741
2600.0	0.000384	2097.41650	377.37332

2583.0	0.000384	2097.53027	362.69385
2679.0	0.000370	2097.64404	349.40906
2603.0	0.000384	2097.75781	337.53415
2540.0	0.000400	2097.87158	327.06573
2557.0	0.000384	2097.98535	317.98898
2516.0	0.000400	2098.09912	310.28305
2492.0	0.000400	2098.21289	303.92670
2504.0	0.000400	2098.32666	298.90161
2454.0	0.000400	2098.44043	295.19522
2503.0	0.000400	2098.55396	292.80307
2487.0	0.000400	2098.66772	291.73065
2494.0	0.000400	2098.78149	291.99576
2426.0	0.000416	2098.89526	293.63110
2520.0	0.000400	2099.00903	296.68787
2459.0	0.000400	2099.12280	301.23959
2509.0	0.000400	2099.23657	307.38776
2526.0	0.000400	2099.35034	315.26810
2556.0	0.000384	2099.46411	325.05719
2565.0	0.000384	2099.57764	336.98071
2582.0	0.000384	2099.69141	351.32162
2576.0	0.000384	2099.80518	368.42865
2595.0	0.000384	2099.91895	388.72379
2672.0	0.000370	2100.03271	412.70932
2722.0	0.000370	2100.14648	440.97244
2699.0	0.000370	2100.26025	474.18625
2764.0	0.000356	2100.37402	513.10834
2804.0	0.000356	2100.48779	558.57227
2825.0	0.000356	2100.60132	611.47473
2872.0	0.0003429	2100.71509	672.88556
2982.0	0.0003306	2100.82886	743.50098
3070.0	0.0003306	2100.94263	824.38721
3192.0	0.0003189	2101.05640	916.42163
3213.0	0.0003078	2101.17017	1020.37469
3420.0	0.0002973	2101.28394	1136.85754
3511.0	0.0002873	2101.39771	1266.26526
3626.0	0.0002778	2101.51123	1408.71265
3768.0	0.0002687	2101.62500	1563.96826
3936.0	0.0002520	2101.73877	1731.16638
4074.0	0.0002441	2101.85254	1909.56506
4314.0	0.0002296	2101.96631	2097.17065
4551.0	0.0002228	2102.08008	2291.46338
4697.0	0.0002100	2102.19385	2489.05420
4952.0	0.0002041	2102.30762	2685.55737
5054.0	0.0001984	2102.42139	2875.52490
5168.0	0.0001929	2102.53516	3052.50635
5365.0	0.0001877	2102.64893	3209.33765
5550.0	0.0001826	2102.76245	3338.72656
5556.0	0.0001778	2102.87622	3434.13232
5621.0	0.0001778	2102.98999	3490.80518
5592.0	0.0001778	2103.10376	3506.70825
5685.0	0.0001778	2103.21753	3483.01660
5479.0	0.0001826	2103.33130	3424.00098
5424.0	0.0001826	2103.44507	3336.33472
5276.0	0.0001877	2103.55884	3228.06470

5139.0	0.0001929	2103.67261	3107.57202
5021.0	0.0001984	2103.78613	2982.73853
4897.0	0.0002041	2103.89990	2860.42310
4799.0	0.0002100	2104.01367	2746.21338
4627.0	0.0002163	2104.12744	2644.36694
4653.0	0.0002163	2104.24121	2558.64478
4520.0	0.0002228	2104.35498	2489.21265
4561.0	0.0002163	2104.46875	2437.44971
4511.0	0.0002228	2104.58252	2403.51782
4558.0	0.0002163	2104.69629	2384.43066
4489.0	0.0002228	2104.80981	2378.16016
4552.0	0.0002228	2104.92358	2380.95654
4441.0	0.0002228	2105.03735	2388.17480
4496.0	0.0002228	2105.15112	2396.33105
4436.0	0.0002228	2105.26489	2396.69336
4335.0	0.0002296	2105.37866	2386.33765
4334.0	0.0002296	2105.49243	2361.94141
4258.0	0.0002367	2105.60620	2321.93481
4190.0	0.0002367	2105.71997	2266.51685
4082.0	0.0002441	2105.83350	2197.30176
4043.0	0.0002441	2105.94727	2116.78394
4058.0	0.0002441	2106.06104	2027.85559
3899.0	0.0002601	2106.17480	1933.49451
3769.0	0.0002687	2106.28857	1836.58972
3754.0	0.0002687	2106.40234	1739.82190
3676.0	0.0002687	2106.51611	1645.54822
3627.0	0.0002778	2106.62988	1555.69104
3595.0	0.0002778	2106.74365	1471.67273
3544.0	0.0002778	2106.85718	1394.51929
3501.0	0.0002873	2106.97095	1324.41248
3416.0	0.0002973	2107.08472	1261.48608
3359.0	0.0002973	2107.19849	1205.43970
3371.0	0.0002973	2107.31226	1155.75830
3447.0	0.0002873	2107.42603	1111.81604
3386.0	0.0002973	2107.53979	1072.95544
3238.0	0.0003078	2107.65356	1038.54663
3274.0	0.0003078	2107.76733	1010.18347
3350.0	0.0002973	2107.88110	983.04181
3294.0	0.0003078	2107.99487	958.78577
3232.0	0.0003078	2108.10840	936.96570
3263.0	0.0003078	2108.22217	917.14532
3148.0	0.0003189	2108.33594	898.90289
3156.0	0.0003189	2108.44971	881.84894
3144.0	0.0003189	2108.56348	865.65985
3147.0	0.0003189	2108.67725	850.11688
3122.0	0.0003189	2108.79102	835.14740
3086.0	0.0003189	2108.90479	820.85321
3020.0	0.0003306	2109.01855	807.52008
2939.0	0.0003429	2109.13208	795.60461
2986.0	0.0003306	2109.24585	785.70111
2959.0	0.0003429	2109.35962	778.49243
2916.0	0.0003429	2109.47339	774.69531
2857.0	0.000356	2109.58716	775.00598
2873.0	0.0003429	2109.70093	780.05188

2886.0	0.0003429	2109.81470	790.35034
2916.0	0.0003429	2109.92847	806.27454
2888.0	0.0003429	2110.04199	828.02496
2896.0	0.0003429	2110.15576	855.60406
2935.0	0.0003429	2110.26953	888.79126
2905.0	0.0003429	2110.38330	927.73120
2948.0	0.0003429	2110.49707	970.45764
3056.0	0.0003306	2110.61084	1016.52277
2997.0	0.0003306	2110.72461	1064.52307
3077.0	0.0003306	2110.83838	1112.67676
3152.0	0.0003189	2110.95215	1158.81555
3155.0	0.0003189	2111.06567	1200.43347
3214.0	0.0003078	2111.17944	1234.82642
3166.0	0.0003189	2111.29321	1259.35193
3263.0	0.0003078	2111.40698	1271.77661
3240.0	0.0003078	2111.52075	1270.63989
3224.0	0.0003078	2111.63452	1255.50232
3205.0	0.0003078	2111.74829	1226.98523
3163.0	0.0003189	2111.86206	1186.59705
3085.0	0.0003189	2111.97583	1136.42395
2974.0	0.0003306	2112.08936	1078.80652
2993.0	0.0003306	2112.20313	1016.55603
2855.0	0.000356	2112.31689	950.87994
2775.0	0.000356	2112.43066	884.14752
2725.0	0.000370	2112.54443	817.95764
2692.0	0.000370	2112.65820	753.60620
2709.0	0.000370	2112.77197	692.09961
2601.0	0.000384	2112.88574	634.17462
2585.0	0.000384	2112.99951	580.32623
2450.0	0.000416	2113.11328	530.83691
2417.0	0.000416	2113.22705	485.80969
2444.0	0.000416	2113.34058	445.20294
2455.0	0.000400	2113.45435	408.86179
2393.0	0.000416	2113.56812	376.55103
2289.0	0.000434	2113.68188	347.98193
2251.0	0.000453	2113.79565	322.83716
2238.0	0.000453	2113.90942	299.95660
2290.0	0.000434	2114.02319	280.69427
2183.0	0.000453	2114.13696	263.98108
2202.0	0.000453	2114.25073	249.39659
2225.0	0.000453	2114.36426	236.76443
2169.0	0.000453	2114.47803	225.86711
2240.0	0.000453	2114.59180	216.51630
2205.0	0.000453	2114.70557	208.55106
2163.0	0.000453	2114.81934	201.83450
2216.0	0.000453	2114.93311	196.25029
2116.0	0.000473	2115.04688	191.69899
2204.0	0.000453	2115.16064	188.09419
2227.0	0.000453	2115.27441	185.35896
2078.0	0.000473	2115.38794	183.42284
2143.0	0.000473	2115.50171	182.43486
2223.0	0.000453	2115.61548	181.89584
2131.0	0.000473	2115.72925	181.95061
2194.0	0.000453	2115.84302	182.52251

2190.0	0.000453	2115.95679	183.52597
2179.0	0.000453	2116.07056	184.86281
2175.0	0.000453	2116.18433	186.42012
2114.0	0.000473	2116.29810	188.06949
2212.0	0.000453	2116.41162	189.66927
2153.0	0.000473	2116.38843	191.07187
2185.0	0.000453	2116.15991	192.13602
2173.0	0.000453	2115.93115	192.74356
2149.0	0.000473	2115.70239	192.94608
2146.0	0.000473	2115.47363	192.46364
2115.0	0.000473	2115.24487	191.46042
2133.0	0.000473	2115.01636	190.02608
2245.0	0.000453	2114.78760	188.29028
2159.0	0.000473	2114.55884	186.40579
2194.0	0.000453	2114.33008	184.53387
2246.0	0.000453	2114.10156	182.83479
2223.0	0.000453	2113.87280	181.46458
2228.0	0.000453	2113.64404	180.57732
2200.0	0.000453	2113.41553	181.16966
2231.0	0.000453	2113.18677	181.74905
2168.0	0.000453	2112.95801	183.34377
2230.0	0.000453	2112.72925	186.19345
2248.0	0.000453	2112.50073	190.59161
2281.0	0.000434	2112.27197	196.90024
2305.0	0.000434	2112.04321	205.56305
2322.0	0.000434	2111.81445	217.11598
2383.0	0.000416	2111.58569	232.19290
2330.0	0.000434	2111.35718	251.52371
2351.0	0.000434	2111.12842	275.92239
2401.0	0.000416	2110.89966	306.26224
2492.0	0.000400	2110.67090	343.43719
2513.0	0.000400	2110.44238	388.30823
2533.0	0.000400	2110.21362	441.63580
2620.0	0.000384	2109.98486	504.00122
2676.0	0.000370	2109.75635	575.72241
2765.0	0.000356	2109.52759	656.76813
2872.0	0.0003429	2109.29883	746.67761
2998.0	0.0003306	2109.07007	844.48901
3081.0	0.0003189	2108.84155	948.68048
3201.0	0.0003078	2108.61279	1057.12146
3305.0	0.0003078	2108.38403	1167.03931
3438.0	0.0002873	2108.15527	1275.01123
3544.0	0.0002778	2107.92651	1377.01807
3604.0	0.0002778	2107.69800	1468.62158
3818.0	0.0002601	2107.46924	1545.34802
3853.0	0.0002601	2107.24048	1603.30603
3869.0	0.0002601	2107.01172	1639.94116
3837.0	0.0002601	2106.78320	1654.66846
3848.0	0.0002601	2106.55444	1649.09631
3787.0	0.0002601	2106.32568	1626.72131
3813.0	0.0002601	2106.09717	1592.25842
3793.0	0.0002601	2105.86841	1550.90369
3693.0	0.0002687	2105.63965	1507.76172
3776.0	0.0002687	2105.41089	1467.50940

3604.0	0.0002778	2105.18237	1434.24219
3671.0	0.0002687	2104.95361	1411.41077
3665.0	0.0002687	2104.72485	1401.77771
3806.0	0.0002601	2104.49609	1408.11755
3745.0	0.0002687	2104.26733	1430.11499
3734.0	0.0002687	2104.03882	1468.82214
3865.0	0.0002601	2103.81006	1523.59241
3883.0	0.0002601	2103.58130	1592.80237
3849.0	0.0002601	2103.35254	1673.84546
4025.0	0.0002520	2103.12402	1763.14136
4020.0	0.0002520	2102.89526	1856.16223
4100.0	0.0002441	2102.66650	1947.58716
4310.0	0.0002296	2102.43799	2031.20691
4186.0	0.0002367	2102.20923	2100.80249
4290.0	0.0002367	2101.98047	2150.55249
4289.0	0.0002367	2101.75171	2175.99268
4113.0	0.0002441	2101.52319	2174.79663
4203.0	0.0002367	2101.29443	2147.09937
4072.0	0.0002441	2101.06567	2095.18213
3958.0	0.0002520	2100.83691	2022.69043
3913.0	0.0002520	2100.60815	1933.74646
3828.0	0.0002601	2100.37964	1832.28320
3851.0	0.0002601	2100.15088	1721.73059
3565.0	0.0002778	2099.92212	1605.00781
3555.0	0.0002778	2099.69336	1484.68188
3346.0	0.0002973	2099.46484	1363.14673
3313.0	0.0002973	2099.23608	1242.70886
3246.0	0.0003078	2099.00732	1125.55005
3079.0	0.0003306	2098.77881	1013.60767
3013.0	0.0003306	2098.55005	908.43958
3001.0	0.0003306	2098.32129	811.13934
2988.0	0.0003306	2098.09253	722.32532
2850.0	0.000356	2097.86377	642.19073
2837.0	0.000356	2097.63525	570.59033
2720.0	0.000370	2097.40649	507.13666
2635.0	0.000384	2097.17773	451.28671
2610.0	0.000384	2096.94897	402.41376
2617.0	0.000384	2096.72046	359.85901
2551.0	0.000384	2096.49170	322.96725
2523.0	0.000400	2096.26294	291.10858
2532.0	0.000400	2096.03418	263.69147
2435.0	0.000416	2095.80566	240.16835
2523.0	0.000400	2095.57690	220.03857
2539.0	0.000400	2095.34814	202.84792
2540.0	0.000400	2095.11963	188.18834
2386.0	0.000416	2094.89087	175.69608
2414.0	0.000416	2094.66211	165.05006
2423.0	0.000416	2094.43335	155.96948
2417.0	0.000416	2094.20459	148.21185
2451.0	0.000400	2093.97607	141.56993
2392.0	0.000416	2093.74731	135.86899
2320.0	0.000434	2093.51855	129.95349
2314.0	0.000434	2093.28979	125.73073
2338.0	0.000434	2093.06128	122.08720

2354.0	0.000416	2092.83252	118.94582
2306.0	0.000434	2092.60376	116.24628
2384.0	0.000416	2092.37500	113.94215
2277.0	0.000434	2092.14648	111.99886
2379.0	0.000416	2091.91772	110.39140
2383.0	0.000416	2091.68896	109.10281
2341.0	0.000434	2091.46021	108.12264
2286.0	0.000434	2091.23169	107.44584
2351.0	0.000434	2091.00293	107.07165
2394.0	0.000416	2090.77417	107.00287
2361.0	0.000416	2090.54541	107.24508
2331.0	0.000434	2090.31689	107.81886
2434.0	0.000416	2090.08813	109.71434
2311.0	0.000434	2089.85938	110.95506
2384.0	0.000416	2089.63062	112.54379
2395.0	0.000416	2089.40210	114.49014
2304.0	0.000434	2089.17334	116.80253
2353.0	0.000416	2088.94458	119.48738
2373.0	0.000416	2088.71582	122.54836
2333.0	0.000434	2088.48730	125.98550
2315.0	0.000434	2088.25854	129.79398
2448.0	0.000416	2088.02979	133.96300
2304.0	0.000434	2087.80103	138.47427
2414.0	0.000416	2087.57251	143.29991
2443.0	0.000416	2087.34375	148.40068
2329.0	0.000434	2087.11499	153.72340
2441.0	0.000416	2086.88623	160.47217
2428.0	0.000416	2086.65747	166.03152
2392.0	0.000416	2086.42896	171.55231
2465.0	0.000400	2086.20020	176.91447
2478.0	0.000400	2085.97144	181.98859
2408.0	0.000416	2085.74268	186.64653
2354.0	0.000416	2085.51416	190.77510
2390.0	0.000416	2085.28540	194.29294
2391.0	0.000416	2085.05664	197.16493
2373.0	0.000416	2084.82813	199.41273
2399.0	0.000416	2084.59937	201.11725
2391.0	0.000416	2084.37061	202.41275
2364.0	0.000416	2084.14185	203.47482
2394.0	0.000416	2083.91333	204.50473
2448.0	0.000416	2083.68457	205.71472
2353.0	0.000416	2083.45581	207.31555
2421.0	0.000416	2083.22705	209.50873
2447.0	0.000416	2082.99829	212.48164
2400.0	0.000416	2082.76978	216.40616
2391.0	0.000416	2082.54102	221.43896
2350.0	0.000434	2082.31226	227.72147
2385.0	0.000416	2082.08350	235.38141
2484.0	0.000400	2081.85498	244.53246
2438.0	0.000416	2081.62622	255.27438
2336.0	0.000434	2081.39746	267.69199
2365.0	0.000416	2081.16895	281.85379
2407.0	0.000416	2080.94019	297.80975
2429.0	0.000416	2080.71143	315.58847

2382.0	0.000416	2080.48267	335.19391
2476.0	0.000400	2080.25415	356.60004
2387.0	0.000416	2080.02539	379.74515
2584.0	0.000384	2079.79663	404.52420
2629.0	0.000384	2079.56787	430.77869
2551.0	0.000384	2079.33911	458.28690
2595.0	0.000384	2079.11060	486.75223
2541.0	0.000400	2078.88184	515.79584
2608.0	0.000384	2078.65308	544.95416
2647.0	0.000384	2078.42432	573.68890
2798.0	0.000356	2078.19580	601.41412
2756.0	0.000370	2077.96704	627.54297
2804.0	0.000356	2077.73828	651.55530
2773.0	0.000356	2077.50977	673.07410
2814.0	0.000356	2077.28101	691.93805
2803.0	0.000356	2077.05225	708.26727
2873.0	0.0003429	2076.82349	722.41394
2886.0	0.0003429	2076.59497	735.00989
2908.0	0.0003429	2076.36621	746.85168
2976.0	0.0003306	2076.13745	758.81226
2995.0	0.0003306	2075.90869	771.74738
3011.0	0.0003306	2075.67993	786.41162
2992.0	0.0003306	2075.45142	803.39099
3120.0	0.0003189	2075.22266	823.05341
3107.0	0.0003189	2074.99390	845.51740
3149.0	0.0003189	2074.76514	870.62994
3188.0	0.0003189	2074.53662	897.95972
3236.0	0.0003078	2074.30786	926.80170
3283.0	0.0003078	2074.07910	956.20245
3372.0	0.0002973	2073.85059	985.00238
3418.0	0.0002973	2073.62183	1011.90112
3376.0	0.0002973	2073.39307	1035.53040
3387.0	0.0002973	2073.16431	1054.53040
3338.0	0.0002973	2072.93579	1067.61926
3317.0	0.0002973	2072.70703	1073.66699
3416.0	0.0002973	2072.47827	1071.78796
3368.0	0.0002973	2072.24951	1061.45435
3258.0	0.0003078	2072.02075	1042.61914
3365.0	0.0002973	2071.79224	1012.78448
3217.0	0.0003078	2071.56348	979.03802
3244.0	0.0003078	2071.33472	939.83350
3087.0	0.0003189	2071.10596	896.89380
3034.0	0.0003306	2070.87744	851.98688
2930.0	0.0003429	2070.64868	806.77020
2894.0	0.0003429	2070.41992	762.69714
2872.0	0.0003429	2070.19141	720.97845
2785.0	0.000356	2069.96265	682.58325
2798.0	0.000356	2069.73389	648.25928
2734.0	0.000370	2069.50513	618.55841
2767.0	0.000356	2069.27661	593.86279
2684.0	0.000370	2069.04785	574.40765
2734.0	0.000370	2068.81909	559.75140
2705.0	0.000370	2068.59033	550.99261
2760.0	0.000356	2068.36157	547.47437

2729.0	0.000370	2068.13306	549.00348
2627.0	0.000384	2067.90430	555.30261
2599.0	0.000384	2067.67554	566.01324
2679.0	0.000370	2067.44678	580.69391
2769.0	0.000356	2067.21826	598.81848
2761.0	0.000356	2066.98950	619.77679
2770.0	0.000356	2066.76074	642.88202
2751.0	0.000370	2066.53223	667.38861
2792.0	0.000356	2066.30347	692.52753
2791.0	0.000356	2066.07471	717.55310
2858.0	0.000356	2065.84595	741.79889
2772.0	0.000356	2065.61743	764.72650
2894.0	0.0003429	2065.38867	785.95490
2896.0	0.0003429	2065.15991	805.25537
2978.0	0.0003306	2064.93115	822.51013
2964.0	0.0003429	2064.70239	837.64191
2956.0	0.0003429	2064.47388	850.52869
2920.0	0.0003429	2064.24512	860.92847
3006.0	0.0003306	2064.01636	868.43494
2984.0	0.0003306	2063.78760	872.48590
2877.0	0.0003429	2063.55908	872.44098
2946.0	0.0003429	2063.33032	867.72217
2979.0	0.0003306	2063.10156	857.99652
3016.0	0.0003306	2062.87280	841.56171
2900.0	0.0003429	2062.64429	822.56708
2941.0	0.0003429	2062.41553	800.28546
2956.0	0.0003429	2062.18677	776.33075
2922.0	0.0003429	2061.95801	751.96741
2891.0	0.0003429	2061.72949	729.03406
2874.0	0.0003429	2061.50073	709.08588
2887.0	0.0003429	2061.27197	693.49323
2930.0	0.0003429	2061.04321	683.39478
2945.0	0.0003429	2060.81470	679.67627
3024.0	0.0003306	2060.58594	682.95752
3033.0	0.0003306	2060.35718	693.58411
3034.0	0.0003306	2060.12842	711.62146
3062.0	0.0003306	2059.89990	736.84705
3159.0	0.0003189	2059.67114	768.74573
3233.0	0.0003078	2059.44238	806.50281
3237.0	0.0003078	2059.21362	849.00000
3325.0	0.0002973	2058.98511	894.81744
3423.0	0.0002873	2058.75635	942.25488
3419.0	0.0002973	2058.52759	989.40442
3573.0	0.0002778	2058.29883	1034.30103
3529.0	0.0002873	2058.07031	1075.16772
3572.0	0.0002778	2057.84155	1110.71570
3619.0	0.0002778	2057.61279	1140.39807
3700.0	0.0002687	2057.38403	1164.49683
3660.0	0.0002778	2057.15527	1183.98352
3706.0	0.0002687	2056.92676	1200.21558
3655.0	0.0002778	2056.69800	1214.51306
3784.0	0.0002601	2056.46924	1227.92493
3786.0	0.0002601	2056.24072	1240.96765
3744.0	0.0002687	2056.01196	1253.53540

3831.0	0.0002601	2055.78320	1265.76440
3929.0	0.0002520	2055.55444	1274.49854
3836.0	0.0002601	2055.32593	1278.74390
3905.0	0.0002601	2055.09717	1276.34277
3836.0	0.0002601	2054.86841	1265.20752
3824.0	0.0002601	2054.63965	1243.74817
3781.0	0.0002687	2054.41113	1211.27722
3703.0	0.0002687	2054.18237	1168.08716
3629.0	0.0002778	2053.95361	1115.51440
3507.0	0.0002873	2053.72485	1055.52771
3544.0	0.0002778	2053.49609	990.37195
3477.0	0.0002873	2053.26758	922.25262
3356.0	0.0002973	2053.03882	853.14313
3225.0	0.0003078	2052.81006	784.70465
3207.0	0.0003078	2052.58154	719.72583
3128.0	0.0003189	2052.35278	656.35559
3016.0	0.0003306	2052.12402	596.79401
3018.0	0.0003306	2051.89526	541.55084
2969.0	0.0003429	2051.66675	490.90680
2898.0	0.0003429	2051.43799	444.93884
2866.0	0.0003429	2051.20923	403.55200
2856.0	0.000356	2050.98047	366.51764
2658.0	0.000370	2050.75195	333.51587
2743.0	0.000370	2050.52319	304.17636
2771.0	0.000356	2050.29443	278.11310
2658.0	0.000370	2050.06567	254.94902
2596.0	0.000384	2049.83691	234.33197
2613.0	0.000384	2049.60840	215.94235
2495.0	0.000400	2049.37964	199.49579
2493.0	0.000400	2049.15088	184.74350
2487.0	0.000400	2048.92236	171.47044
2485.0	0.000400	2048.69360	159.56999
2418.0	0.000416	2048.46484	148.73383
2451.0	0.000400	2048.23608	138.90771
2400.0	0.000416	2048.00757	129.98238
2369.0	0.000416	2047.77869	121.86570
2343.0	0.000434	2047.55005	114.48225
2315.0	0.000434	2047.32141	107.75825
2357.0	0.000416	2047.09265	101.63702
2373.0	0.000416	2046.86401	96.06494
2272.0	0.000434	2046.63525	91.36284
2332.0	0.000434	2046.40662	86.75159
2265.0	0.000434	2046.17786	82.55364
2302.0	0.000434	2045.94922	78.72983
2307.0	0.000434	2045.72046	75.24359
2272.0	0.000434	2045.49182	72.06097
2247.0	0.000453	2045.26306	69.15067
2268.0	0.000434	2045.03430	66.48392
2263.0	0.000434	2044.80566	64.03463
2280.0	0.000434	2044.57690	61.77922
2234.0	0.000453	2044.34827	59.69658
2226.0	0.000453	2044.11951	57.76796
2148.0	0.000473	2043.89087	55.97683
2147.0	0.000473	2043.66223	54.30865

2161.0	0.000473	2043.43347	52.75071
2196.0	0.000453	2043.20483	51.29200
2183.0	0.000453	2042.97607	49.92291
2184.0	0.000453	2042.74744	48.63515
2218.0	0.000453	2042.51868	47.42150
2128.0	0.000473	2042.29004	46.27570
2193.0	0.000453	2042.06128	45.19227
2143.0	0.000473	2041.83252	44.16649
2224.0	0.000453	2041.60388	43.19415
2174.0	0.000453	2041.37512	42.27157
2123.0	0.000473	2041.14648	41.39547
2120.0	0.000473	2040.91772	40.56293
2133.0	0.000473	2040.68909	39.40590
2125.0	0.000473	2040.46033	38.65552
2129.0	0.000473	2040.23169	37.94155
2100.0	0.000473	2040.00293	37.26208
2146.0	0.000473	2039.77429	36.61534
2106.0	0.000473	2039.54565	35.99971
2037.0	0.000494	2039.31689	35.41371
2171.0	0.000453	2039.08826	34.85598
2092.0	0.000473	2038.85950	34.32531
2144.0	0.000473	2038.63086	33.82051
2090.0	0.000473	2038.40210	33.34057
2061.0	0.000494	2038.17334	32.88795
2076.0	0.000473	2037.94470	32.45496
2107.0	0.000473	2037.71594	32.04420
2084.0	0.000473	2037.48730	31.65497
2093.0	0.000473	2037.25854	32.54496
2152.0	0.000473	2037.02991	32.21091
2066.0	0.000494	2036.80115	32.02324
2158.0	0.000473	2036.57251	31.73076
2133.0	0.000473	2036.34375	31.45769
2057.0	0.000494	2036.11511	31.20377
2079.0	0.000473	2035.88647	30.96887
2069.0	0.000494	2035.65771	30.75292
2052.0	0.000494	2035.42908	30.55595
2093.0	0.000473	2035.20032	30.37811
2038.0	0.000494	2034.97168	30.21964
2076.0	0.000473	2034.74292	30.08089
2051.0	0.000494	2034.51416	29.96235
2072.0	0.000473	2034.28552	29.86461
2146.0	0.000473	2034.05676	29.78840
2033.0	0.000494	2033.82813	29.73457
2086.0	0.000473	2033.59937	29.70409
2128.0	0.000473	2033.37073	29.69806
2087.0	0.000473	2033.14197	29.71767
2109.0	0.000473	2032.91333	29.76423
2078.0	0.000473	2032.68457	29.83912
2042.0	0.000494	2032.45593	29.94378
2037.0	0.000494	2032.22729	30.07968
2098.0	0.000473	2031.99854	30.24830
2061.0	0.000494	2031.76990	30.45107
2046.0	0.000494	2031.54114	30.68937
2070.0	0.000473	2031.31250	30.96443

2099.0	0.000473	2031.08374	32.13168
2035.0	0.000494	2030.85498	32.50849
2107.0	0.000473	2030.62634	34.17321
2116.0	0.000473	2030.39758	34.62498
2064.0	0.000494	2030.16895	35.11583
2096.0	0.000473	2029.94019	35.64458
2015.0	0.000494	2029.71155	36.20926
2056.0	0.000494	2029.48279	36.80680
2073.0	0.000473	2029.25415	37.43290
2090.0	0.000473	2029.02539	38.08181
2149.0	0.000473	2028.79675	38.74617
2152.0	0.000473	2028.56799	39.41705
2048.0	0.000494	2028.33936	40.08408
2142.0	0.000473	2028.11072	40.73594
2085.0	0.000473	2027.88196	41.36111
2110.0	0.000473	2027.65320	41.94893
2058.0	0.000494	2027.42456	42.49076
2069.0	0.000494	2027.19580	42.98099
2132.0	0.000473	2026.96704	43.41780
2107.0	0.000473	2026.82104	43.80331
2107.0	0.000473	2026.79858	44.14310
2082.0	0.000473	2026.77625	44.50172
2105.0	0.000473	2026.75391	44.77668
2101.0	0.000473	2026.73157	45.03441
2054.0	0.000494	2026.70911	45.28541
2069.0	0.000494	2026.68677	45.53994
2007.0	0.000494	2026.66443	45.80814
2033.0	0.000494	2026.64197	46.10028
2053.0	0.000494	2026.61963	47.00201
2057.0	0.000494	2026.59729	47.38009
2079.0	0.000473	2026.57495	47.81445
2062.0	0.000494	2026.55249	48.31627
2001.0	0.000494	2026.53015	48.89678
2072.0	0.000473	2026.50781	49.56729
2088.0	0.000473	2026.48547	50.33956
2070.0	0.000494	2026.46301	51.22610
2072.0	0.000473	2026.44067	52.24074
2027.0	0.000494	2026.41833	53.39952
2050.0	0.000494	2026.39600	54.72153
2108.0	0.000473	2026.37354	56.23018
2122.0	0.000473	2026.35120	58.41159
2114.0	0.000473	2026.32886	60.40188
2135.0	0.000473	2026.30652	62.69034
2058.0	0.000494	2026.28406	65.33432
2066.0	0.000494	2026.26172	68.40520
2077.0	0.000473	2026.23938	71.99104
2123.0	0.000473	2026.21692	76.19918
2127.0	0.000473	2026.19458	81.15876
2173.0	0.000453	2026.17224	87.02270
2123.0	0.000473	2026.14990	93.96908
2128.0	0.000473	2026.12744	102.20119
2187.0	0.000453	2026.10510	111.94630
2251.0	0.000453	2026.08276	123.45205
2201.0	0.000453	2026.06042	136.98103

2216.0	0.000453	2026.03796	153.81566
2257.0	0.000434	2026.01563	172.20465
2313.0	0.000434	2025.99329	193.39622
2379.0	0.000416	2025.97083	217.60168
2363.0	0.000416	2025.94849	244.97899
2410.0	0.000416	2025.92615	275.61313
2447.0	0.000416	2025.90381	309.49509
2502.0	0.000400	2025.88135	346.50079
2489.0	0.000400	2025.85901	386.36929
2585.0	0.000384	2025.83667	428.68024
2677.0	0.000370	2025.81433	472.83035
2655.0	0.000370	2025.79187	518.00903
2707.0	0.000370	2025.76953	563.17432
2727.0	0.000370	2025.74719	607.03717
2795.0	0.000356	2025.72485	648.06348
2877.0	0.0003429	2025.70239	684.51892
2911.0	0.0003429	2025.68005	714.57501
2908.0	0.0003429	2025.65771	736.84967
2917.0	0.0003429	2025.63538	749.21777
2851.0	0.000356	2025.61292	751.19696
2762.0	0.000356	2025.59058	741.79303
2844.0	0.000356	2025.56824	723.45874
2770.0	0.000356	2025.54578	697.38562
2752.0	0.000370	2025.52344	663.64862
2710.0	0.000370	2025.50110	624.87280
2686.0	0.000370	2025.47876	582.83252
2634.0	0.000384	2025.45630	539.12439
2603.0	0.000384	2025.43396	495.10730
2527.0	0.000400	2025.41162	451.89142
2494.0	0.000400	2025.38928	410.35071
2421.0	0.000416	2025.36682	371.14560
2364.0	0.000416	2025.34448	334.74753
2444.0	0.000416	2025.32214	302.70486
2345.0	0.000434	2025.29968	272.71893
2318.0	0.000434	2025.27734	246.06102
2303.0	0.000434	2025.25500	222.68164
2293.0	0.000434	2025.23267	202.45593
2220.0	0.000453	2025.21021	185.20419
2216.0	0.000453	2025.18787	170.71092
2222.0	0.000453	2025.16553	158.74228
2245.0	0.000453	2025.14319	148.67174
2240.0	0.000453	2025.12073	141.04823
2180.0	0.000453	2025.09839	135.26726
2213.0	0.000453	2025.07605	131.36629
2156.0	0.000473	2025.05371	128.72127
2178.0	0.000453	2025.03125	127.41794
2237.0	0.000453	2025.00891	127.33771
2152.0	0.000473	2024.98657	128.38173
2162.0	0.000453	2024.96411	131.21141
2142.0	0.000473	2024.94177	134.27110
2147.0	0.000473	2024.91943	138.22801
2220.0	0.000453	2024.89709	143.01108
2239.0	0.000453	2024.87463	148.54277
2243.0	0.000453	2024.85229	154.73456

2216.0	0.000453	2024.82996	161.48340
2193.0	0.000453	2024.80762	168.66887
2162.0	0.000453	2024.78516	176.15193
2278.0	0.000434	2024.76282	183.77559
2290.0	0.000434	2024.74048	191.36951
2272.0	0.000434	2024.71814	198.76070
2352.0	0.000416	2024.69568	205.79276
2343.0	0.000434	2024.67334	212.35422
2294.0	0.000434	2024.65100	218.41087
2415.0	0.000416	2024.62854	224.03363
2413.0	0.000416	2024.60620	229.41325
2423.0	0.000416	2024.58386	234.84138
2476.0	0.000400	2024.56152	240.70140
2404.0	0.000416	2024.53906	247.42589
2452.0	0.000400	2024.51672	255.47099
2476.0	0.000400	2024.49438	265.29498
2559.0	0.000384	2024.47205	276.47134
2614.0	0.000384	2024.44958	291.17303
2553.0	0.000384	2024.42725	308.90747
2555.0	0.000384	2024.40491	330.01071
2591.0	0.000384	2024.38257	354.75208
2678.0	0.000370	2024.36011	383.31598
2622.0	0.000384	2024.33777	415.78311
2685.0	0.000370	2024.31543	452.11270
2700.0	0.000370	2024.29297	492.12408
2781.0	0.000356	2024.27063	535.48047
2895.0	0.0003429	2024.24829	581.66956
2912.0	0.0003429	2024.22595	629.98816
2897.0	0.0003429	2024.20349	679.53156
2959.0	0.0003429	2024.18115	729.45618
3168.0	0.0003189	2024.15881	778.02203
3045.0	0.0003306	2024.13647	824.20380
3129.0	0.0003189	2024.11401	866.85059
3164.0	0.0003189	2024.09167	905.12109
3194.0	0.0003078	2024.06934	938.62701
3195.0	0.0003078	2024.04688	967.47192
3309.0	0.0002973	2024.02454	992.15576
3240.0	0.0003078	2024.00220	1013.38629
3124.0	0.0003189	2023.97986	1031.86206
3294.0	0.0003078	2023.95740	1048.09253
3130.0	0.0003189	2023.93506	1062.28162
3248.0	0.0003078	2023.91272	1074.28613
3391.0	0.0002973	2023.89038	1083.62891
3218.0	0.0003078	2023.86792	1089.58228
3372.0	0.0002973	2023.84558	1091.31189
3228.0	0.0003078	2023.82324	1088.06799
3295.0	0.0003078	2023.80090	1079.39905
3216.0	0.0003078	2023.77844	1065.32495
3338.0	0.0002973	2023.75610	1046.41663
3256.0	0.0003078	2023.73376	1023.75769
3315.0	0.0002973	2023.71130	998.73322
3259.0	0.0003078	2023.68896	973.13770
3156.0	0.0003189	2023.66663	948.56287
3135.0	0.0003189	2023.64429	926.56366

3128.0	0.0003189	2023.62183	908.51331
3161.0	0.0003189	2023.59949	895.57306
3151.0	0.0003189	2023.57715	888.69025
3091.0	0.0003189	2023.55481	888.60327
3121.0	0.0003189	2023.53235	895.84778
3229.0	0.0003078	2023.51001	910.75537
3304.0	0.0003078	2023.48767	933.44720
3118.0	0.0003189	2023.46521	963.82159
3205.0	0.0003078	2023.44287	1001.31995
3285.0	0.0003078	2023.42053	1045.77673
3274.0	0.0003078	2023.39819	1096.35156
3265.0	0.0003078	2023.37585	1151.34778
3429.0	0.0002873	2023.35339	1209.51819
3396.0	0.0002973	2023.33105	1269.03137
3364.0	0.0002973	2023.30872	1327.73291
3601.0	0.0002778	2023.28625	1383.18896
3446.0	0.0002873	2023.26392	1432.77954
3657.0	0.0002778	2023.24158	1473.87207
3542.0	0.0002778	2023.21924	1504.06885
3545.0	0.0002778	2023.19678	1521.50098
3575.0	0.0002778	2023.17444	1524.46631
3514.0	0.0002873	2023.15210	1514.13013
3391.0	0.0002973	2023.12976	1490.69702
3501.0	0.0002873	2023.10730	1455.78894
3265.0	0.0003078	2023.08496	1411.53491
3411.0	0.0002973	2023.06262	1360.28857
3508.0	0.0002873	2023.04028	1304.38879
3247.0	0.0003078	2023.01782	1245.99829
3317.0	0.0002973	2022.99548	1187.00757
3189.0	0.0003189	2022.97314	1128.99792
3139.0	0.0003189	2022.95068	1073.23779
3175.0	0.0003189	2022.92834	1020.70337
3165.0	0.0003189	2022.90601	972.11072
3005.0	0.0003306	2022.88367	927.95135
2962.0	0.0003429	2022.86121	888.52716
2927.0	0.0003429	2022.83887	853.98212
2934.0	0.0003429	2022.81653	824.32697
2891.0	0.0003429	2022.79419	799.45776
2865.0	0.0003429	2022.77173	779.16821
2753.0	0.000370	2022.74939	763.16827
2931.0	0.0003429	2022.72705	751.04559
2886.0	0.0003429	2022.70459	742.33850
2873.0	0.0003429	2022.68225	736.50586
2824.0	0.000356	2022.65991	732.96582
2852.0	0.000356	2022.63757	731.14313
2865.0	0.0003429	2022.61511	730.53931
2817.0	0.000356	2022.59277	731.30756
2865.0	0.0003429	2022.57043	732.36890
2868.0	0.0003429	2022.54810	734.39752
2883.0	0.0003429	2022.52563	737.86090
2750.0	0.000370	2022.50330	743.44733
2944.0	0.0003429	2022.48096	751.96564
2935.0	0.0003429	2022.45862	764.22955
2964.0	0.0003429	2022.43616	780.95410

3021.0	0.0003306	2022.41382	802.67371
3081.0	0.0003189	2022.39148	829.68469
3136.0	0.0003189	2022.36902	862.00873
3187.0	0.0003189	2022.34668	899.36615
3132.0	0.0003189	2022.32434	941.15521
3380.0	0.0002973	2022.30200	986.43402
3281.0	0.0003078	2022.27954	1033.91113
3330.0	0.0002973	2022.25720	1081.95605
3438.0	0.0002873	2022.23486	1128.65051
3551.0	0.0002778	2022.21252	1171.90979
3519.0	0.0002873	2022.19006	1209.68140
3551.0	0.0002778	2022.16772	1240.19214
3699.0	0.0002687	2022.14539	1262.17969
3645.0	0.0002778	2022.12292	1275.01843
3720.0	0.0002687	2022.10059	1278.68408
3776.0	0.0002687	2022.07825	1273.58484
3631.0	0.0002778	2022.05591	1260.39587
3603.0	0.0002778	2022.03345	1239.71472
3707.0	0.0002687	2022.01111	1212.28735
3513.0	0.0002873	2021.98877	1178.87805
3582.0	0.0002778	2021.96643	1140.41064
3562.0	0.0002778	2021.94397	1098.04382
3502.0	0.0002873	2021.92163	1053.17224
3424.0	0.0002873	2021.89929	1007.35254
3366.0	0.0002973	2021.87695	962.17346
3327.0	0.0002973	2021.85449	919.12335
3322.0	0.0002973	2021.83215	879.48523
3239.0	0.0003078	2021.80981	844.27429
3246.0	0.0003078	2021.78735	814.21912
3251.0	0.0003078	2021.76501	789.76965
3242.0	0.0003078	2021.74268	771.12201
3188.0	0.0003189	2021.72034	758.25916
3251.0	0.0003078	2021.69788	750.92218
3224.0	0.0003078	2021.67554	748.70856
3197.0	0.0003078	2021.65320	751.03357
3274.0	0.0003078	2021.63086	757.15588
3158.0	0.0003189	2021.60840	766.19720
3189.0	0.0003189	2021.58606	777.18170
3203.0	0.0003078	2021.56372	789.09955
3245.0	0.0003078	2021.54138	801.00403
3210.0	0.0003078	2021.51892	812.13019
3255.0	0.0003078	2021.49658	822.01111
3211.0	0.0003078	2021.47424	830.55664
3351.0	0.0002973	2021.45190	838.06995
3291.0	0.0003078	2021.42944	845.19128
3339.0	0.0002973	2021.40710	852.79083
3189.0	0.0003189	2021.38477	861.84021
3339.0	0.0002973	2021.36230	873.29413
3292.0	0.0003078	2021.33997	887.99890
3296.0	0.0003078	2021.31763	906.62872
3333.0	0.0002973	2021.29529	929.64374
3368.0	0.0002973	2021.27283	957.26160
3414.0	0.0002973	2021.25049	989.43402
3520.0	0.0002873	2021.22815	1025.82922

3524.0	0.0002873	2021.20581	1065.81458
3598.0	0.0002778	2021.18335	1108.45105
3618.0	0.0002778	2021.16101	1152.49487
3711.0	0.0002687	2021.13867	1196.42261
3683.0	0.0002687	2021.11621	1238.47888
3883.0	0.0002601	2021.09387	1276.75391
3904.0	0.0002601	2021.07153	1309.29980
3887.0	0.0002601	2021.04919	1334.27527
3844.0	0.0002601	2021.02673	1350.10327
3867.0	0.0002601	2021.00439	1355.61475
3831.0	0.0002601	2020.98206	1350.13855
3742.0	0.0002687	2020.95972	1333.52856
3617.0	0.0002778	2020.93726	1306.13232
3548.0	0.0002778	2020.91492	1268.73804
3404.0	0.0002973	2020.89258	1222.50671
3391.0	0.0002973	2020.87024	1168.89734
3271.0	0.0003078	2020.84778	1109.56702
3188.0	0.0003189	2020.82544	1046.25525
3135.0	0.0003189	2020.80310	980.65930
3020.0	0.0003306	2020.78064	914.33197
2936.0	0.0003429	2020.75830	848.61139
2888.0	0.0003429	2020.73596	784.58685
2809.0	0.000356	2020.71362	722.80267
2760.0	0.000356	2020.69116	664.46539
2676.0	0.000370	2020.66882	609.69098
2673.0	0.000370	2020.64648	558.72845
2654.0	0.000370	2020.62415	511.69464
2608.0	0.000384	2020.60168	468.60101
2541.0	0.000400	2020.57935	429.37839
2531.0	0.000400	2020.55701	393.95120
2437.0	0.000416	2020.53467	362.03494
2466.0	0.000400	2020.51221	333.65738
2408.0	0.000416	2020.48987	308.22900
2453.0	0.000400	2020.46753	285.69031
2416.0	0.000416	2020.44507	265.83646
2350.0	0.000434	2020.42273	248.34996
2385.0	0.000416	2020.40039	233.03564
2306.0	0.000434	2020.37805	219.67224
2321.0	0.000434	2020.35559	208.05327
2350.0	0.000434	2020.33325	198.07979
2371.0	0.000416	2020.31091	189.40237
2321.0	0.000434	2020.28857	181.95949
2285.0	0.000434	2020.26611	175.61975
2302.0	0.000434	2020.24377	170.27126
2308.0	0.000434	2020.22144	165.85226
2266.0	0.000434	2020.19897	162.22223
2291.0	0.000434	2020.17664	159.35220
2315.0	0.000434	2020.15430	157.19562
2366.0	0.000416	2020.13196	155.71872
2280.0	0.000434	2020.10950	154.89885
2275.0	0.000434	2020.08716	154.72289
2286.0	0.000434	2020.06482	155.18556
2276.0	0.000434	2020.04248	156.28819
2319.0	0.000434	2020.02002	158.03703

2392.0	0.000416	2019.99768	160.44189
2338.0	0.000434	2019.97534	164.18340
2364.0	0.000416	2019.95300	167.94147
2341.0	0.000434	2019.93054	172.39394
2316.0	0.000434	2019.90820	177.55266
2368.0	0.000416	2019.88586	183.42807
2395.0	0.000416	2019.86353	190.02753
2387.0	0.000416	2019.84106	197.35495
2450.0	0.000416	2019.81873	205.40915
2464.0	0.000400	2019.79639	214.18243
2480.0	0.000400	2019.77393	223.65768
2482.0	0.000400	2019.75159	233.80557
2586.0	0.000384	2019.72925	244.58028
2598.0	0.000384	2019.70691	255.91490
2576.0	0.000384	2019.68445	267.71652
2587.0	0.000384	2019.66211	279.86230
2705.0	0.000370	2019.63977	292.19653
2663.0	0.000370	2019.61743	304.53036
2724.0	0.000370	2019.59497	316.64664
2728.0	0.000370	2019.57263	328.30801
2829.0	0.000356	2019.55029	339.27121
2703.0	0.000370	2019.52795	349.30511
2834.0	0.000356	2019.50549	358.21201
2841.0	0.000356	2019.48315	365.84918
2952.0	0.0003429	2019.46082	372.14502
2884.0	0.0003429	2019.43835	377.10880
2810.0	0.000356	2019.41602	380.82837
2925.0	0.0003429	2019.39368	383.45779
2883.0	0.0003429	2019.37134	385.19641
2918.0	0.0003429	2019.34888	386.26361
2874.0	0.0003429	2019.32654	386.87338
2892.0	0.0003429	2019.30420	387.21167
2898.0	0.0003429	2019.28186	387.41824
2837.0	0.000356	2019.25940	387.57520
2818.0	0.000356	2019.23706	387.70132
2846.0	0.000356	2019.21472	387.75372
2887.0	0.0003429	2019.19226	387.63693
2810.0	0.000356	2019.16992	387.21936
2889.0	0.0003429	2019.14758	386.35516
2927.0	0.0003429	2019.12524	384.90759
2903.0	0.0003429	2019.10278	382.76831
2804.0	0.000356	2019.08044	379.86777
2886.0	0.0003429	2019.05811	376.17392
2851.0	0.000356	2019.03577	371.67981
2900.0	0.0003429	2019.01331	366.38602
2788.0	0.000356	2018.99097	360.28427
2874.0	0.0003429	2018.96863	353.34720
2845.0	0.000356	2018.94629	345.53036
2784.0	0.000356	2018.92383	336.78461
2816.0	0.000356	2018.90149	327.07626
2780.0	0.000356	2018.87915	316.40903
2795.0	0.000356	2018.85669	304.83966
2818.0	0.000356	2018.83435	292.48383
2633.0	0.000384	2018.81201	279.62015

2645.0	0.000384	2018.78967	266.28461
2715.0	0.000370	2018.76721	252.69310
2613.0	0.000384	2018.74487	239.11771
2581.0	0.000384	2018.72253	225.75761
2583.0	0.000384	2018.70020	212.78738
2530.0	0.000400	2018.67773	200.35307
2523.0	0.000400	2018.65540	188.57292
2484.0	0.000400	2018.63306	177.53883
2542.0	0.000400	2018.61072	167.32043
2509.0	0.000400	2018.58826	157.96849
2518.0	0.000400	2018.56592	149.51860
2455.0	0.000400	2018.54358	141.99405
2453.0	0.000400	2018.52112	135.40781
2435.0	0.000416	2018.49878	129.76402
2329.0	0.000434	2018.47644	125.05834
2420.0	0.000416	2018.45410	122.73161
2344.0	0.000434	2018.43164	119.86436
2437.0	0.000416	2018.40930	117.86692
2444.0	0.000416	2018.38696	116.69441
2420.0	0.000416	2018.36462	116.28865
2466.0	0.000400	2018.34216	116.57713
2372.0	0.000416	2018.31982	117.47225
2461.0	0.000400	2018.29749	118.87097
2390.0	0.000416	2018.27502	120.65598
2360.0	0.000416	2018.25269	122.69844
2443.0	0.000416	2018.23035	124.86413
2390.0	0.000416	2018.20801	127.02360
2396.0	0.000416	2018.18567	129.06555
2373.0	0.000416	2018.16321	130.91029
2385.0	0.000416	2018.14087	132.51859
2429.0	0.000416	2018.11853	133.89363
2459.0	0.000400	2018.09607	135.07712
2401.0	0.000416	2018.07373	136.14426
2451.0	0.000400	2018.05139	137.19940
2459.0	0.000400	2018.02905	138.37233
2404.0	0.000416	2018.00659	139.81166
2446.0	0.000416	2017.98425	141.67488
2429.0	0.000416	2017.96191	144.11615
2486.0	0.000400	2017.93958	147.27509
2479.0	0.000400	2017.91711	151.26799
2436.0	0.000416	2017.89478	156.18217
2474.0	0.000400	2017.87244	162.07239
2559.0	0.000384	2017.84998	168.95850
2503.0	0.000400	2017.82764	176.82375
2581.0	0.000384	2017.80530	185.61266
2540.0	0.000400	2017.78296	195.22882
2635.0	0.000384	2017.76050	205.53172
2582.0	0.000384	2017.73816	216.71156
2552.0	0.000384	2017.71582	227.77617
2575.0	0.000384	2017.69348	238.80927
2639.0	0.000384	2017.67102	249.46696
2641.0	0.000384	2017.64868	259.44476
2629.0	0.000384	2017.62634	268.15671
2708.0	0.000370	2017.60400	275.26459

2589.0	0.000384	2017.58154	280.38074
2701.0	0.000370	2017.55920	283.19223
2708.0	0.000370	2017.53687	283.50095
2585.0	0.000384	2017.51440	281.24860
2738.0	0.000370	2017.49207	276.52493
2637.0	0.000384	2017.46973	269.57410
2628.0	0.000384	2017.44739	261.31143
2659.0	0.000370	2017.42493	250.86197
2690.0	0.000370	2017.40259	239.25681
2609.0	0.000384	2017.38025	226.87558
2510.0	0.000400	2017.35791	214.06071
2539.0	0.000400	2017.33545	201.10612
2451.0	0.000400	2017.31311	188.25429
2565.0	0.000384	2017.29077	175.69897
2530.0	0.000400	2017.26831	163.59023
2496.0	0.000400	2017.24597	152.04054
2472.0	0.000400	2017.22363	141.13112
2447.0	0.000416	2017.20129	130.91675
2514.0	0.000400	2017.17883	121.43074
2450.0	0.000416	2017.15649	112.68835
2456.0	0.000400	2017.13416	104.69018
2382.0	0.000416	2017.11182	97.42459
2404.0	0.000416	2017.08936	90.87013
2374.0	0.000416	2017.06702	84.99744
2414.0	0.000416	2017.04468	79.77096
2400.0	0.000416	2017.02234	75.15073
2380.0	0.000416	2016.99988	71.09359
2400.0	0.000416	2016.97754	67.55454
2371.0	0.000416	2016.95520	64.48777
2334.0	0.000434	2016.93274	61.83104
2307.0	0.000434	2016.91040	59.57210
2294.0	0.000434	2016.88806	57.65033
2323.0	0.000434	2016.86572	56.02284
2292.0	0.000434	2016.84326	54.64794
2259.0	0.000434	2016.82092	53.48499
2306.0	0.000434	2016.79858	52.49414
2312.0	0.000434	2016.77625	51.63617
2243.0	0.000453	2016.75378	50.87254
2287.0	0.000434	2016.73145	50.16597
2287.0	0.000434	2016.70911	49.48158
2170.0	0.000453	2016.68665	48.78876
2253.0	0.000453	2016.66431	48.06318
2320.0	0.000434	2016.64197	47.28863
2317.0	0.000434	2016.61963	46.45801
2237.0	0.000453	2016.59717	45.57294
2187.0	0.000453	2016.57483	44.64214
2183.0	0.000453	2016.55249	43.67908
2183.0	0.000453	2016.53015	42.69951
2218.0	0.000453	2016.50769	41.71931
2187.0	0.000453	2016.48535	40.75314
2139.0	0.000473	2016.46301	39.81365
2121.0	0.000473	2016.44067	38.91126
2119.0	0.000473	2016.41821	38.05420
2175.0	0.000453	2016.39587	37.26400

2147.0	0.000473	2016.37354	36.51477
2164.0	0.000453	2016.35120	35.82467
2192.0	0.000453	2016.32874	35.19546
2089.0	0.000473	2016.30640	34.62788
2294.0	0.000434	2016.28406	34.12180
2167.0	0.000453	2016.26172	33.67633
2228.0	0.000453	2016.23926	33.29011
2114.0	0.000473	2016.21692	32.96139
2230.0	0.000453	2016.19458	32.68823
2204.0	0.000453	2016.17212	32.46864
2166.0	0.000453	2016.14978	32.30076
2122.0	0.000473	2016.12744	32.29325
2232.0	0.000453	2016.10510	32.22531
2176.0	0.000453	2016.08264	32.20581
2240.0	0.000453	2016.06030	32.23494
2133.0	0.000473	2016.03796	32.31380
2204.0	0.000453	2016.01563	32.47796
2170.0	0.000453	2015.99316	32.66439
2187.0	0.000453	2015.97083	32.91105
2102.0	0.000473	2015.94849	33.22454
2105.0	0.000473	2015.92603	33.61348
2098.0	0.000473	2015.90369	34.08870
2165.0	0.000453	2015.88135	34.66358
2107.0	0.000473	2015.85901	35.35440
2145.0	0.000473	2015.83655	36.18056
2156.0	0.000473	2015.81421	37.16484
2101.0	0.000473	2015.79187	38.71217
2124.0	0.000473	2015.76953	40.10064
2092.0	0.000473	2015.74707	41.73676
2199.0	0.000453	2015.72473	43.65671
2151.0	0.000473	2015.70239	45.89870
2259.0	0.000434	2015.68005	48.50183
2174.0	0.000453	2015.65759	51.50441
2102.0	0.000473	2015.63525	55.45145
2259.0	0.000434	2015.61292	59.35705
2159.0	0.000473	2015.59045	63.74834
2195.0	0.000453	2015.56812	68.63435
2248.0	0.000453	2015.54578	74.00847
2264.0	0.000434	2015.52344	79.84463
2157.0	0.000473	2015.50098	86.22731
2230.0	0.000453	2015.47864	91.51959
2277.0	0.000434	2015.45630	98.72958
2154.0	0.000473	2015.43396	105.66626
2224.0	0.000453	2015.41150	112.51714
2199.0	0.000453	2015.38916	119.08765
2157.0	0.000473	2015.36682	125.14531
2268.0	0.000434	2015.34436	131.81187
2165.0	0.000453	2015.32202	136.10222
2218.0	0.000453	2015.29968	139.15550
2219.0	0.000453	2015.27734	140.80724
2245.0	0.000453	2015.25488	141.12154
2091.0	0.000473	2015.23254	139.84244
2258.0	0.000434	2015.21021	137.23500
2170.0	0.000453	2015.18787	133.50069

2197.0	0.000453	2015.16541	128.88644
2184.0	0.000453	2015.14307	123.65392
2183.0	0.000453	2015.12073	118.05591
2192.0	0.000453	2015.09839	112.32188
2092.0	0.000473	2015.07593	106.65079
2154.0	0.000473	2015.05359	101.40398
2153.0	0.000473	2015.03125	96.32652
2184.0	0.000453	2015.00879	91.71606
2172.0	0.000453	2014.98645	87.64891
2138.0	0.000473	2014.96411	84.17673
2279.0	0.000434	2014.94177	81.33002
2184.0	0.000453	2014.91931	79.12155
2237.0	0.000453	2014.89697	77.54977
2005.0	0.000494	2014.87463	76.60223
2159.0	0.000473	2014.85229	76.25874
2154.0	0.000473	2014.82983	76.49390
2115.0	0.000473	2014.80750	77.27943
2123.0	0.000473	2014.78516	78.58582
2162.0	0.000473	2014.76270	80.38342
2169.0	0.000453	2014.74036	82.64317
2199.0	0.000453	2014.71802	85.33656
2129.0	0.000473	2014.69568	88.43548
2091.0	0.000473	2014.67334	91.91140
2179.0	0.000453	2014.65088	95.73438
2180.0	0.000453	2014.62854	99.87160
2084.0	0.000473	2014.60620	104.28571
2193.0	0.000453	2014.58374	109.16508
2058.0	0.000494	2014.56140	113.99499
2163.0	0.000453	2014.53906	118.94319
2086.0	0.000473	2014.51672	123.93526
2200.0	0.000453	2014.49426	128.88383
2120.0	0.000473	2014.47192	133.68965
2143.0	0.000473	2014.44958	138.42416
2095.0	0.000473	2014.42725	142.61427
2082.0	0.000473	2014.40479	146.32796
2173.0	0.000453	2014.38245	149.46544
2029.0	0.000494	2014.36011	151.94746
2136.0	0.000473	2014.33777	153.72360
2182.0	0.000453	2014.31531	154.77737
2167.0	0.000453	2014.29297	155.12703
2068.0	0.000494	2014.27063	154.82167
2138.0	0.000473	2014.24817	153.93387
2111.0	0.000473	2014.22583	152.54948
2184.0	0.000453	2014.20349	150.75792
2108.0	0.000473	2014.18115	148.64360
2067.0	0.000494	2014.15869	146.75851
2003.0	0.000494	2014.13635	144.20993
2114.0	0.000473	2014.11401	141.51825
2121.0	0.000473	2014.09167	138.71941
2027.0	0.000494	2014.06921	135.81226
2024.0	0.000494	2014.04688	132.88564
2063.0	0.000494	2014.02454	129.93842
2089.0	0.000473	2013.78162	127.00407
2032.0	0.000494	2013.48328	124.12008

2117.0	0.000473	2013.18506	121.32671
1978.0	0.000517	2012.88696	118.66449
2102.0	0.000473	2012.58875	116.70771
2104.0	0.000473	2012.29041	114.42184
2032.0	0.000494	2011.99231	112.89713
2054.0	0.000494	2011.69409	111.10391
2050.0	0.000494	2011.39575	109.58360
2085.0	0.000473	2011.09753	108.34859
2132.0	0.000473	2010.79944	107.40704
2089.0	0.000473	2010.50122	106.76390
2024.0	0.000494	2010.20288	106.42158
2097.0	0.000473	2009.90491	106.38092
2112.0	0.000473	2009.60657	106.64179
2094.0	0.000473	2009.30835	107.20377
2098.0	0.000473	2009.01001	108.06657
2084.0	0.000473	2008.71204	109.23067
2051.0	0.000494	2008.41370	110.69774
2120.0	0.000473	2008.11548	112.47102
2072.0	0.000473	2007.81738	114.55579
2147.0	0.000473	2007.51904	116.95966
2158.0	0.000473	2007.22083	119.69321
2170.0	0.000453	2006.92249	122.76994
2054.0	0.000494	2006.62451	126.20713
2107.0	0.000473	2006.32617	130.02603
2131.0	0.000473	2006.02795	134.25227
2178.0	0.000453	2005.72961	138.91658
2130.0	0.000473	2005.43164	144.05527
2138.0	0.000473	2005.13330	149.71085
2192.0	0.000453	2004.83508	155.93312
2090.0	0.000473	2004.53699	162.78017
2236.0	0.000453	2004.23865	170.31949
2171.0	0.000453	2003.94043	178.62971
2199.0	0.000453	2003.64209	187.80225
2131.0	0.000473	2003.34412	197.94316
2245.0	0.000453	2003.04578	209.37175
2254.0	0.000453	2002.74756	221.83910
2248.0	0.000453	2002.44946	235.43549
2257.0	0.000434	2002.15125	250.88019
2321.0	0.000434	2001.85291	268.11172
2352.0	0.000434	2001.55469	287.35773
2350.0	0.000434	2001.25659	308.86392
2357.0	0.000416	2000.95837	332.88840
2455.0	0.000400	2000.66003	359.69412
2382.0	0.000416	2000.36194	389.53766
2567.0	0.000384	2000.06372	423.48550
2537.0	0.000400	1999.76538	460.09039
2558.0	0.000384	1999.46716	500.31720
2587.0	0.000384	1999.16907	544.23895
2714.0	0.000370	1998.87085	591.83673
2775.0	0.000356	1998.57251	642.98120
2776.0	0.000356	1998.27429	697.41711
2911.0	0.0003429	1997.97620	754.74945
2964.0	0.0003429	1997.67798	814.43304
2992.0	0.0003306	1997.37964	875.76794

3064.0	0.0003306	1997.08154	938.72028
3224.0	0.0003078	1996.78333	1000.66626
3297.0	0.0003078	1996.48499	1061.31909
3226.0	0.0003078	1996.18677	1120.04077
3416.0	0.0002973	1995.88867	1174.79688
3425.0	0.0002873	1995.59045	1225.22656
3471.0	0.0002873	1995.29211	1270.80542
3538.0	0.0002873	1994.99414	1311.39563
3490.0	0.0002873	1994.69580	1347.22290
3537.0	0.0002873	1994.39758	1378.77039
3475.0	0.0002873	1994.09924	1406.63293
3596.0	0.0002778	1993.80127	1431.36865
3525.0	0.0002873	1993.50293	1453.37598
3657.0	0.0002778	1993.20471	1473.05774
3585.0	0.0002778	1992.90662	1489.76343
3609.0	0.0002778	1992.60828	1502.60413
3538.0	0.0002873	1992.31006	1512.11670
3525.0	0.0002873	1992.01172	1516.59558
3500.0	0.0002873	1991.71375	1514.85767
3477.0	0.0002873	1991.41541	1505.74438
3547.0	0.0002778	1991.11719	1488.32336
3409.0	0.0002973	1990.81885	1462.07568
3338.0	0.0002973	1990.52087	1427.02197
3398.0	0.0002973	1990.22253	1383.74146
3241.0	0.0003078	1989.92432	1333.58801
3190.0	0.0003189	1989.62622	1277.34375
3142.0	0.0003189	1989.32800	1216.84753
3152.0	0.0003189	1989.02966	1153.66064
3078.0	0.0003306	1988.73145	1089.39014
2976.0	0.0003306	1988.43335	1025.10620
2990.0	0.0003306	1988.13501	962.07294
2882.0	0.0003429	1987.83679	901.22156
2823.0	0.000356	1987.53870	843.27893
2801.0	0.000356	1987.24048	788.78351
2766.0	0.000356	1986.94214	738.10583
2670.0	0.000370	1986.64392	690.26166
2717.0	0.000370	1986.34583	647.82062
2583.0	0.000384	1986.04761	609.60968
2545.0	0.000400	1985.74927	575.62726
2570.0	0.000384	1985.45117	545.83594
2573.0	0.000384	1985.15295	520.17426
2537.0	0.000400	1984.85461	498.56436
2583.0	0.000384	1984.55640	480.91537
2429.0	0.000416	1984.25830	467.12695
2504.0	0.000400	1983.96008	457.09030
2472.0	0.000400	1983.66174	450.68781
2488.0	0.000400	1983.36353	447.79083
2471.0	0.000400	1983.06543	448.25711
2531.0	0.000400	1982.76721	451.92563
2465.0	0.000400	1982.46887	458.61172
2397.0	0.000416	1982.17090	468.10052
2495.0	0.000400	1981.87256	480.14023
2588.0	0.000384	1981.57434	494.43481
2495.0	0.000400	1981.27600	511.13028

2486.0	0.000400	1980.97791	528.83942
2555.0	0.000384	1980.67969	547.58838
2550.0	0.000384	1980.38135	566.85925
2612.0	0.000384	1980.08337	586.09015
2607.0	0.000384	1979.78503	604.69324
2640.0	0.000384	1979.48682	622.07233
2633.0	0.000384	1979.18848	637.64117
2733.0	0.000370	1978.89050	650.83307
2673.0	0.000370	1978.59216	661.26685
2698.0	0.000370	1978.29395	668.14655
2679.0	0.000370	1977.99585	671.21387
2647.0	0.000384	1977.69763	671.77997
2626.0	0.000384	1977.39929	666.51666
2693.0	0.000370	1977.10107	657.07477
2624.0	0.000384	1976.80298	643.72028
2573.0	0.000384	1976.50464	626.90533
2578.0	0.000384	1976.20642	607.22211
2552.0	0.000384	1975.90808	585.34399
2550.0	0.000384	1975.61011	561.96637
2501.0	0.000400	1975.31177	537.75439
2462.0	0.000400	1975.01355	513.62250
2415.0	0.000416	1974.71545	489.46338
2457.0	0.000400	1974.41724	466.01578
2360.0	0.000416	1974.11890	443.62106
2411.0	0.000416	1973.82068	422.54309
2384.0	0.000416	1973.52258	402.97968
2347.0	0.000434	1973.22424	385.07297
2244.0	0.000453	1972.92603	368.92020
2317.0	0.000434	1972.62793	354.58200
2251.0	0.000453	1972.32971	342.09015
2283.0	0.000434	1972.03137	331.45306
2316.0	0.000434	1971.73315	322.66125
2232.0	0.000453	1971.43506	315.69116
2294.0	0.000434	1971.13684	310.50897
2247.0	0.000453	1970.83850	307.07339
2285.0	0.000434	1970.54053	305.33884
2224.0	0.000453	1970.24219	305.25687
2249.0	0.000453	1969.94397	306.77853
2287.0	0.000434	1969.64563	309.85556
2243.0	0.000453	1969.34753	314.44089
2339.0	0.000434	1969.04932	320.48874
2349.0	0.000434	1968.75098	328.10135
2330.0	0.000434	1968.45276	336.93930
2349.0	0.000434	1968.15466	347.10022
2299.0	0.000434	1967.85645	358.52951
2396.0	0.000416	1967.55811	371.16525
2437.0	0.000416	1967.26013	384.93439
2481.0	0.000400	1966.96179	399.75266
2387.0	0.000416	1966.66357	415.52521
2477.0	0.000400	1966.36523	432.15051
2479.0	0.000400	1966.06714	449.52747
2577.0	0.000384	1965.76892	467.56558
2583.0	0.000384	1965.47058	486.19818
2549.0	0.000400	1965.17261	505.39578

2593.0	0.000384	1964.87427	525.17725
2557.0	0.000384	1964.57605	545.61731
2661.0	0.000370	1964.27771	567.14600
2638.0	0.000384	1963.97974	589.34326
2625.0	0.000384	1963.68140	612.71771
2591.0	0.000384	1963.38318	637.49152
2621.0	0.000384	1963.08508	663.87823
2636.0	0.000384	1962.78687	692.06567
2665.0	0.000370	1962.48853	723.51538
2685.0	0.000370	1962.19031	755.77460
2653.0	0.000370	1961.89221	790.26886
2675.0	0.000370	1961.59387	827.15063
2753.0	0.000370	1961.29565	866.59167
2837.0	0.000356	1960.99731	908.75739
2809.0	0.000356	1960.69934	953.76007
2878.0	0.0003429	1960.40100	1001.59241
2979.0	0.0003306	1960.10278	1052.06543
2972.0	0.0003306	1959.80469	1104.75696
3002.0	0.0003306	1959.50647	1158.97693
3105.0	0.0003189	1959.20813	1213.76416
3088.0	0.0003189	1958.90991	1267.91455
3230.0	0.0003078	1958.61182	1320.06873
3262.0	0.0003078	1958.31360	1368.85840
3241.0	0.0003078	1958.01526	1413.09509
3269.0	0.0003078	1957.71716	1451.63245
3261.0	0.0003078	1957.41895	1484.72388
3266.0	0.0003078	1957.12061	1512.07166
3288.0	0.0003078	1956.82239	1533.93872
3309.0	0.0002973	1956.52429	1550.61633
3352.0	0.0002973	1956.22607	1562.24683
3369.0	0.0002973	1955.92773	1568.73157
3352.0	0.0002973	1955.62976	1569.76477
3335.0	0.0002973	1955.33142	1564.96667
3404.0	0.0002973	1955.03320	1554.08862
3391.0	0.0002973	1954.73486	1537.21558
3351.0	0.0002973	1954.43677	1514.88232
3303.0	0.0003078	1954.13855	1488.06409
3318.0	0.0002973	1953.84021	1458.05017
3377.0	0.0002973	1953.54199	1426.26917
3278.0	0.0003078	1953.24390	1394.12891
3250.0	0.0003078	1952.94568	1362.96436
3307.0	0.0002973	1952.64734	1333.73108
3263.0	0.0003078	1952.34937	1307.33740
3175.0	0.0003189	1952.05103	1284.38513
3231.0	0.0003078	1951.75281	1265.21606
3249.0	0.0003078	1951.45447	1249.90515
3232.0	0.0003078	1951.15649	1238.26343
3270.0	0.0003078	1950.85815	1229.85034
3212.0	0.0003078	1950.55994	1224.00879
3206.0	0.0003078	1950.26184	1219.91760
3151.0	0.0003189	1949.96350	1216.66223
3253.0	0.0003078	1949.66528	1213.31750
3226.0	0.0003078	1949.36694	1209.03723
3213.0	0.0003078	1949.06897	1203.12854

3179.0	0.0003189	1948.77063	1195.11035
3211.0	0.0003078	1948.47241	1184.74243
3166.0	0.0003189	1948.17432	1172.02136
3224.0	0.0003078	1947.87610	1157.14136
3093.0	0.0003189	1947.57776	1140.63599
3018.0	0.0003306	1947.27954	1122.52307
2943.0	0.0003429	1946.98145	1103.40576
3035.0	0.0003306	1946.68323	1083.63062
3005.0	0.0003306	1946.38489	1063.58191
2942.0	0.0003429	1946.08667	1043.05933
2966.0	0.0003429	1945.78857	1022.16565
2962.0	0.0003429	1945.49023	1000.73315
2883.0	0.0003429	1945.19202	978.51776
2925.0	0.0003429	1944.89392	955.26404
2863.0	0.0003429	1944.59570	930.77728
2860.0	0.000356	1944.29736	904.98895
2784.0	0.000356	1943.99915	877.99725
2775.0	0.000356	1943.70105	850.07361
2757.0	0.000356	1943.40283	821.63153
2725.0	0.000370	1943.10449	793.29340
2746.0	0.000370	1942.80640	765.35175
2715.0	0.000370	1942.50818	738.42694
2660.0	0.000370	1942.20984	712.95135
2689.0	0.000370	1941.91162	689.26282
2731.0	0.000370	1941.61353	667.59521
2654.0	0.000370	1941.31531	648.07825
2667.0	0.000370	1941.01697	630.95581
2638.0	0.000384	1940.71899	615.75305
2570.0	0.000384	1940.42065	602.55878
2568.0	0.000384	1940.12244	591.20197
2628.0	0.000384	1939.82410	581.48578
2516.0	0.000400	1939.52612	573.21417
2557.0	0.000384	1939.22778	566.20074
2510.0	0.000400	1938.92957	560.30200
2557.0	0.000384	1938.63123	555.40869
2528.0	0.000400	1938.33313	551.44464
2500.0	0.000400	1938.03491	548.35126
2605.0	0.000384	1937.73657	546.06873
2450.0	0.000400	1937.43860	544.51648
2498.0	0.000400	1937.14026	543.57922
2550.0	0.000400	1936.84204	543.09998
2468.0	0.000400	1936.54370	542.88409
2481.0	0.000400	1936.24573	542.48303
2426.0	0.000416	1935.94739	542.13660
2425.0	0.000416	1935.64917	541.41180
2415.0	0.000416	1935.35107	540.14728
2418.0	0.000416	1935.05273	538.23535
2436.0	0.000416	1934.75452	535.62402
2459.0	0.000400	1934.45618	532.31488
2385.0	0.000416	1934.15820	528.35590
2420.0	0.000416	1933.85986	523.83740
2405.0	0.000416	1933.56165	518.89307
2409.0	0.000416	1933.26355	513.70050
2409.0	0.000416	1932.96533	508.48380

2412.0	0.000416	1932.66699	503.51083
2403.0	0.000416	1932.36877	499.08685
2451.0	0.000400	1932.07068	495.51257
2435.0	0.000416	1931.77246	493.20084
2414.0	0.000416	1931.47412	492.47449
2423.0	0.000416	1931.17590	493.68719
2479.0	0.000400	1930.87781	497.98868
2498.0	0.000400	1930.57947	504.21948
2484.0	0.000400	1930.28125	513.31915
2565.0	0.000384	1929.98315	525.70984
2527.0	0.000400	1929.68494	541.71124
2554.0	0.000384	1929.38660	561.63116
2511.0	0.000400	1929.08838	585.75763
2434.0	0.000416	1928.79028	614.34900
2473.0	0.000400	1928.49207	647.61615
2659.0	0.000370	1928.19373	685.70300
2610.0	0.000384	1927.89575	728.66382
2634.0	0.000384	1927.59741	776.43512
2738.0	0.000370	1927.29919	828.80994
2696.0	0.000370	1927.00085	885.40857
2688.0	0.000370	1926.70276	945.65131
2737.0	0.000370	1926.40454	1009.20734
2730.0	0.000370	1926.10620	1074.05286
2778.0	0.000356	1925.80823	1139.30664
2706.0	0.000370	1925.50989	1203.31421
2750.0	0.000370	1925.21167	1264.13342
2758.0	0.000356	1924.91333	1319.59216
2818.0	0.000356	1924.61536	1367.41321
2993.0	0.0003306	1924.31702	1405.41187
2927.0	0.0003429	1924.01880	1431.74768
2957.0	0.0003429	1923.72046	1445.17969
2925.0	0.0003429	1923.42236	1445.24304
2835.0	0.000356	1923.12415	1432.30530
2780.0	0.000356	1922.82581	1407.47351
2882.0	0.0003429	1922.52783	1372.40601
2912.0	0.0003429	1922.22949	1329.13184
2936.0	0.0003429	1921.93127	1279.66907
2722.0	0.000370	1921.63293	1226.13916
2843.0	0.000356	1921.33496	1170.49097
2808.0	0.000356	1921.03662	1114.48792
2706.0	0.000370	1920.73840	1059.68250
2692.0	0.000370	1920.44031	1007.40198
2674.0	0.000370	1920.14209	958.75287
2698.0	0.000370	1919.84375	914.62579
2768.0	0.000356	1919.54553	875.70776
2629.0	0.000384	1919.24744	842.49530
2636.0	0.000384	1918.94910	815.31079
2668.0	0.000370	1918.65088	794.31848
2511.0	0.000400	1918.35278	779.54218
2599.0	0.000384	1918.05457	770.88300
2718.0	0.000370	1917.75623	768.13458
2561.0	0.000384	1917.45801	770.99969
2663.0	0.000370	1917.15991	779.10010
2741.0	0.000370	1916.86169	792.07733

2624.0	0.000384	1916.56335	809.23462
2769.0	0.000356	1916.26514	830.08099
2734.0	0.000370	1915.96704	853.97113
2815.0	0.000356	1915.66882	880.19946
2752.0	0.000370	1915.37048	908.00653
2794.0	0.000356	1915.07239	936.59967
2772.0	0.000356	1914.77417	965.18842
2833.0	0.000356	1914.47583	993.03619
2936.0	0.0003429	1914.17761	1019.52643
2855.0	0.000356	1913.87952	1044.23157
2924.0	0.0003429	1913.58130	1066.96692
2790.0	0.000356	1913.28296	1087.81653
2791.0	0.000356	1912.98499	1107.11426
2943.0	0.0003429	1912.68665	1125.38562
2952.0	0.0003429	1912.38843	1143.25769
2928.0	0.0003429	1912.09009	1161.35498
2950.0	0.0003429	1911.79199	1180.20386
3091.0	0.0003189	1911.49377	1200.14709
3071.0	0.0003306	1911.19543	1221.28076
2967.0	0.0003429	1910.89746	1243.41125
3022.0	0.0003306	1910.59912	1266.02515
2916.0	0.0003429	1910.30090	1288.27844
3028.0	0.0003306	1910.00256	1309.00598
3085.0	0.0003189	1909.70459	1326.76587
2914.0	0.0003429	1909.40625	1339.93481
3025.0	0.0003306	1909.10803	1346.85767
3004.0	0.0003306	1908.80969	1346.04846
2981.0	0.0003306	1908.51172	1336.40625
2950.0	0.0003429	1908.21338	1317.38660
2876.0	0.0003429	1907.91516	1289.08716
2784.0	0.000356	1907.61707	1252.21216
2841.0	0.000356	1907.31873	1207.94458
2872.0	0.0003429	1907.02051	1157.76685
2765.0	0.000356	1906.72217	1103.28528
2722.0	0.000370	1906.42419	1046.09265
2725.0	0.000370	1906.12585	987.67371
2696.0	0.000370	1905.82764	929.36017
2518.0	0.000400	1905.52954	872.30591
2717.0	0.000370	1905.23132	817.48474
2623.0	0.000384	1904.93298	765.69324
2577.0	0.000384	1904.63477	717.55847
2643.0	0.000384	1904.33667	673.54840
2660.0	0.000370	1904.03833	633.98273
2491.0	0.000400	1903.74011	599.04816
2509.0	0.000400	1903.44202	568.81177
2447.0	0.000416	1903.14380	544.58405
2505.0	0.000400	1902.84546	523.56982
2380.0	0.000416	1902.54724	507.76166
2483.0	0.000400	1902.24915	495.22540
2363.0	0.000416	1901.95093	486.51959
2508.0	0.000400	1901.65259	481.32938
2356.0	0.000416	1901.35437	479.31628
2485.0	0.000400	1901.05627	480.12268
2490.0	0.000400	1900.75806	483.37497

2491.0	0.000400	1900.45972	488.68271
2527.0	0.000400	1900.16162	495.63785
2437.0	0.000416	1899.86340	503.81400
2487.0	0.000400	1899.56506	512.76532
2499.0	0.000400	1899.26685	522.03113
2525.0	0.000400	1898.96875	531.14319
2555.0	0.000384	1898.67053	539.63837
2587.0	0.000384	1898.37219	547.07788
2458.0	0.000400	1898.07422	553.06921
2697.0	0.000370	1897.77588	557.28998
2578.0	0.000384	1897.47766	559.50592
2623.0	0.000384	1897.17932	559.58386
2610.0	0.000384	1896.88135	557.49426
2551.0	0.000384	1896.58301	553.30176
2438.0	0.000416	1896.28479	547.14850
2509.0	0.000400	1895.98669	537.35492
2553.0	0.000384	1895.68835	527.91986
2492.0	0.000400	1895.39014	517.20178
2415.0	0.000416	1895.09180	505.45154
2414.0	0.000416	1894.79382	493.21759
2476.0	0.000400	1894.49548	480.14197
2470.0	0.000400	1894.19727	466.75720
2390.0	0.000416	1893.89893	453.29364
2325.0	0.000434	1893.60095	439.97775
2347.0	0.000434	1893.30261	427.02942
2360.0	0.000416	1893.00439	414.65952
2300.0	0.000434	1892.70630	403.06540
2349.0	0.000434	1892.40796	392.42609
2267.0	0.000434	1892.10974	382.89865
2279.0	0.000434	1891.81140	374.61487
2298.0	0.000434	1891.51343	367.67920
2374.0	0.000416	1891.21509	362.16803
2225.0	0.000453	1890.91687	358.12909
2330.0	0.000434	1890.61877	355.58109
2245.0	0.000453	1890.32056	354.51389
2273.0	0.000434	1890.02222	354.88980
2318.0	0.000434	1889.72400	356.64798
2310.0	0.000434	1889.42590	359.71417
2260.0	0.000434	1889.12769	364.01538
2292.0	0.000434	1888.82935	369.49731
2274.0	0.000434	1888.53125	376.13773
2246.0	0.000453	1888.23303	383.94739
2318.0	0.000434	1887.93469	393.08685
2321.0	0.000434	1887.63647	403.31497
2259.0	0.000434	1887.33838	414.73563
2250.0	0.000453	1887.04016	427.25281
2304.0	0.000434	1886.74182	440.67337
2295.0	0.000434	1886.44360	454.69525
2314.0	0.000434	1886.14551	468.90137
2282.0	0.000434	1885.84729	482.76572
2411.0	0.000416	1885.54895	495.67252
2301.0	0.000434	1885.25098	506.95831
2403.0	0.000416	1884.95264	515.98029
2312.0	0.000434	1884.65442	522.20679

2400.0	0.000416	1884.35608	525.30768
2352.0	0.000434	1884.05798	525.21771
2353.0	0.000416	1883.75977	522.14667
2413.0	0.000416	1883.46143	516.52917
2411.0	0.000416	1883.16345	508.93964
2363.0	0.000416	1882.86511	499.99759
2386.0	0.000416	1882.56689	490.29114
2325.0	0.000434	1882.26855	480.32660
2316.0	0.000434	1881.97058	470.50128
2342.0	0.000434	1881.67224	461.09451
2284.0	0.000434	1881.37402	452.26816
2358.0	0.000416	1881.07593	444.07565
2342.0	0.000434	1880.77759	436.47635
2246.0	0.000453	1880.47937	429.35608
2207.0	0.000453	1880.18103	422.55264
2263.0	0.000434	1879.88306	415.88239
2289.0	0.000434	1879.58472	409.16611
2269.0	0.000434	1879.28650	402.24976
2303.0	0.000434	1878.98816	395.01993
2277.0	0.000434	1878.69019	387.41214
2281.0	0.000434	1878.39185	379.41476
2252.0	0.000453	1878.09363	371.06494
2229.0	0.000453	1877.79553	363.60571
2165.0	0.000453	1877.49731	354.82288
2174.0	0.000453	1877.19897	345.99255
2172.0	0.000453	1876.90076	337.24020
2149.0	0.000473	1876.60266	328.68701
2104.0	0.000473	1876.30432	320.47757
2124.0	0.000473	1876.00610	312.65326
2157.0	0.000473	1875.70801	305.33853
2165.0	0.000453	1875.40979	298.61722
2116.0	0.000473	1875.11145	292.56308
2069.0	0.000494	1874.81323	287.23965
2083.0	0.000473	1874.51514	282.69897
2129.0	0.000473	1874.21692	278.98013
2128.0	0.000473	1873.91858	276.10736
2105.0	0.000473	1873.62061	274.08926
2090.0	0.000473	1873.32227	272.91754
2062.0	0.000494	1873.02393	272.56641
2032.0	0.000494	1872.72571	272.99200
2100.0	0.000473	1872.42761	274.18442
2078.0	0.000473	1872.12939	275.96292
2070.0	0.000494	1871.83105	278.28580
2033.0	0.000494	1871.53284	281.04810
2050.0	0.000494	1871.23474	284.13770
2084.0	0.000473	1870.93652	287.44107
2085.0	0.000473	1870.63818	290.84995
2037.0	0.000494	1870.34021	294.26810
2082.0	0.000473	1870.04187	297.61813
2023.0	0.000494	1869.74365	300.84436
1999.0	0.000494	1869.44531	303.91495
2043.0	0.000494	1869.14722	306.81812
2063.0	0.000494	1868.84900	309.63620
2079.0	0.000473	1868.55066	312.22314

2005.0	0.000494	1868.25269	314.66681
2053.0	0.000494	1867.95435	316.96768
2041.0	0.000494	1867.65613	319.11185
2012.0	0.000494	1867.35779	321.06775
2008.0	0.000494	1867.05981	322.78662
2059.0	0.000494	1866.76147	324.20566
2060.0	0.000494	1866.46326	325.25439
2051.0	0.000494	1866.16516	322.94943
2022.0	0.000494	1865.86694	323.06720
1950.0	0.000517	1865.56860	322.62378
2004.0	0.000494	1865.27039	321.58203
1943.0	0.000517	1864.97229	319.92191
2037.0	0.000494	1864.67395	317.63785
2008.0	0.000494	1864.37573	314.73596
2027.0	0.000494	1864.07739	311.22870
1995.0	0.000494	1863.77942	307.13412
1981.0	0.000494	1863.48108	302.47552
2001.0	0.000494	1863.18286	297.28802
1958.0	0.000517	1862.88477	291.62460
1961.0	0.000517	1862.58655	285.56400
1976.0	0.000517	1862.28821	279.21332
1997.0	0.000494	1861.98999	272.70624
2016.0	0.000494	1861.69189	266.19629
1938.0	0.000517	1861.39355	259.84708
1956.0	0.000517	1861.09534	253.86009
1931.0	0.000517	1860.79724	248.32298
1908.0	0.000517	1860.49902	243.42348
1935.0	0.000517	1860.04150	239.30449
1905.0	0.000517	1859.34485	236.19530
2008.0	0.000494	1858.64868	234.03777
1959.0	0.000517	1857.95203	233.11989
1928.0	0.000517	1857.25537	233.42403
1926.0	0.000517	1856.55920	235.13779
1994.0	0.000494	1855.86255	238.37477
2048.0	0.000494	1855.16577	243.24200
1979.0	0.000517	1854.46912	249.83617
2005.0	0.000494	1853.77307	258.23953
2072.0	0.000473	1853.07629	268.51425
2071.0	0.000473	1852.37964	280.69781
2065.0	0.000494	1851.68298	294.79642
2059.0	0.000494	1850.98682	310.78012
2077.0	0.000473	1850.29016	328.57858
2099.0	0.000473	1849.59351	348.07684
2183.0	0.000453	1848.89734	369.11380
2192.0	0.000453	1848.20068	391.47971
2157.0	0.000473	1847.50403	414.91647
2195.0	0.000453	1846.80737	439.11841
2207.0	0.000453	1846.11121	463.73560
2300.0	0.000434	1845.41455	488.38354
2359.0	0.000416	1844.71777	512.66199
2347.0	0.000434	1844.02173	536.18640
2341.0	0.000434	1843.32507	558.63110
2351.0	0.000434	1842.62830	579.77496
2364.0	0.000416	1841.93164	599.71899

2368.0	0.000416	1841.23547	618.14734
2441.0	0.000416	1840.53882	635.41260
2386.0	0.000416	1839.84216	651.74109
2435.0	0.000416	1839.14600	667.35541
2461.0	0.000400	1838.44934	682.42102
2455.0	0.000400	1837.75269	697.04486
2538.0	0.000400	1837.05603	711.11084
2476.0	0.000400	1836.35986	724.49603
2495.0	0.000400	1835.66321	736.93854
2587.0	0.000384	1834.96655	748.10315
2550.0	0.000400	1834.26990	757.61914
2509.0	0.000400	1833.57373	765.12787
2589.0	0.000384	1832.87708	770.32941
2612.0	0.000384	1832.18030	773.02130
2560.0	0.000384	1831.48425	773.12170
2544.0	0.000400	1830.78748	770.67120
2627.0	0.000384	1830.09082	765.81342
2571.0	0.000384	1829.39417	758.76367
2515.0	0.000400	1828.69800	749.77283
2523.0	0.000400	1828.00134	739.09644
2601.0	0.000384	1827.30469	726.97876
2505.0	0.000400	1826.60852	713.65314
2444.0	0.000416	1825.91187	699.35303
2459.0	0.000400	1825.21521	684.32678
2439.0	0.000416	1824.51855	668.84656
2478.0	0.000400	1823.82239	653.20752
2420.0	0.000416	1823.12573	637.71887
2355.0	0.000416	1822.42908	622.69476
2420.0	0.000416	1821.73291	608.44281
2409.0	0.000416	1821.03625	595.25958
2400.0	0.000416	1820.33948	583.42749
2456.0	0.000400	1819.64282	573.21429
2399.0	0.000416	1818.94666	564.90802
2427.0	0.000416	1818.25000	558.70581
2415.0	0.000416	1817.55334	554.80133
2366.0	0.000416	1816.85669	553.42462
2406.0	0.000416	1816.16052	554.75238
2364.0	0.000416	1815.46387	558.93176
2347.0	0.000434	1814.76721	566.07568
2307.0	0.000434	1814.07104	576.25507
2406.0	0.000416	1813.37439	589.49011
2380.0	0.000416	1812.67773	605.74445
2391.0	0.000416	1811.98108	624.91583
2422.0	0.000416	1811.28491	646.82727
2390.0	0.000416	1810.58826	671.21686
2513.0	0.000400	1809.89148	697.72650
2469.0	0.000400	1809.19543	725.88879
2445.0	0.000416	1808.49866	755.11432
2455.0	0.000400	1807.80200	784.67865
2508.0	0.000400	1807.10535	813.71863
2580.0	0.000384	1806.40918	841.23828
2548.0	0.000400	1805.71252	866.13519
2519.0	0.000400	1805.01587	887.25458
2508.0	0.000400	1804.31970	903.47253

2559.0	0.000384	1803.62305	913.79993
2505.0	0.000400	1802.92639	917.49646
2492.0	0.000400	1802.22974	914.16333
2425.0	0.000416	1801.53357	903.81165
2494.0	0.000400	1800.83691	886.79645
2464.0	0.000400	1800.14026	863.84595
2445.0	0.000416	1799.44348	835.90277
2412.0	0.000416	1798.74744	804.02533
2368.0	0.000416	1798.05066	769.28687
2384.0	0.000416	1797.35400	732.69666
2301.0	0.000434	1796.65796	695.15521
2251.0	0.000453	1795.96118	657.43115
2316.0	0.000434	1795.26453	620.16168
2298.0	0.000434	1794.56787	583.86188
2191.0	0.000453	1793.87170	548.94128
2222.0	0.000453	1793.17505	515.71967
2244.0	0.000453	1792.47839	484.44348
2178.0	0.000453	1791.78223	455.29910
2126.0	0.000473	1791.08557	428.42319
2140.0	0.000473	1790.38892	403.58209
2149.0	0.000473	1789.69226	381.49496
2140.0	0.000473	1788.99609	361.86276
2139.0	0.000473	1788.29944	344.69208
2066.0	0.000494	1787.60278	329.96930
2085.0	0.000473	1786.90662	317.66516
2107.0	0.000473	1786.20996	307.73831
2062.0	0.000494	1785.51318	300.13910
2094.0	0.000473	1784.81653	294.81293
2060.0	0.000494	1784.12036	291.70261
2056.0	0.000494	1783.42371	290.75024
2054.0	0.000494	1782.72705	291.89908
2078.0	0.000473	1782.03040	295.09271
2067.0	0.000494	1781.33423	300.27545
2089.0	0.000473	1780.63757	307.39069
2078.0	0.000473	1779.94092	316.37933
2075.0	0.000473	1779.24475	327.17682
2121.0	0.000473	1778.54810	339.71533
2170.0	0.000453	1777.85144	353.89862
2166.0	0.000453	1777.15479	369.62955
2190.0	0.000453	1776.45862	386.79962
2197.0	0.000453	1775.76196	405.22382
2186.0	0.000453	1775.06519	424.73065
2222.0	0.000453	1774.36914	445.09158
2254.0	0.000453	1773.67236	466.03024
2281.0	0.000434	1772.97571	487.21759
2268.0	0.000434	1772.27905	508.26923
2355.0	0.000416	1771.58289	528.41364
2326.0	0.000434	1770.88623	547.82751
2329.0	0.000434	1770.18958	565.65314
2274.0	0.000434	1769.49341	581.35217
2350.0	0.000434	1768.79675	594.40582
2351.0	0.000434	1768.10010	604.35474
2409.0	0.000416	1767.40344	610.84631
2399.0	0.000416	1766.70728	613.68323

2373.0	0.000416	1766.01062	612.83038
2371.0	0.000416	1765.31396	608.46313
2332.0	0.000434	1764.61719	600.93323
2400.0	0.000416	1763.92114	590.74219
2409.0	0.000416	1763.22437	578.52374
2331.0	0.000434	1762.52771	564.96277
2337.0	0.000434	1761.83154	550.61578
2291.0	0.000434	1761.13489	536.20520
2332.0	0.000434	1760.43823	522.33191
2261.0	0.000434	1759.74158	509.53223
2224.0	0.000453	1759.04541	498.27228
2258.0	0.000434	1758.34875	488.94662
2194.0	0.000453	1757.65210	481.88165
2328.0	0.000434	1756.95593	477.33749
2297.0	0.000434	1756.25928	475.51239
2239.0	0.000453	1755.56262	476.73468
2273.0	0.000434	1754.86597	479.81000
2282.0	0.000434	1754.16980	486.82574
2201.0	0.000453	1753.47314	496.66412
2253.0	0.000453	1752.77637	509.30627
2274.0	0.000434	1752.08032	524.57495
2265.0	0.000434	1751.38367	542.21674
2306.0	0.000434	1750.68689	561.89301
2322.0	0.000434	1749.99023	583.17114
2328.0	0.000434	1749.29407	605.51440
2284.0	0.000434	1748.59741	628.27441
2343.0	0.000434	1747.90076	650.68896
2394.0	0.000416	1747.20410	671.89435
2328.0	0.000434	1746.50793	690.95245
2358.0	0.000416	1745.81128	706.90094
2400.0	0.000416	1745.11462	718.82568
2364.0	0.000416	1744.41846	725.94867
2335.0	0.000434	1743.72180	727.71503
2358.0	0.000416	1743.02515	723.85919
2421.0	0.000416	1742.32837	714.43719
2296.0	0.000434	1741.63232	699.80811
2257.0	0.000434	1740.93567	680.58441
2222.0	0.000453	1740.23889	657.51733
2173.0	0.000453	1739.54285	631.47430
2193.0	0.000453	1738.84607	603.23761
2217.0	0.000453	1738.14941	573.59052
2128.0	0.000473	1737.45276	543.19055
2083.0	0.000473	1736.75659	512.57831
2187.0	0.000453	1736.05994	482.17847
2205.0	0.000453	1735.36328	452.31232
2098.0	0.000473	1734.66711	423.21573
2046.0	0.000494	1733.97046	395.06070
2083.0	0.000473	1733.27380	367.97592
1973.0	0.000517	1732.57715	342.06396
2097.0	0.000473	1731.88098	317.41135
1959.0	0.000517	1731.18433	294.09274
1986.0	0.000494	1730.48767	272.17032
1998.0	0.000494	1729.79089	251.68956
1889.0	0.000541	1729.09485	232.67682

1852.0	0.000541	1728.39807	215.13112
1802.0	0.000567	1727.70142	199.03412
1919.0	0.000517	1727.00525	184.34584
1800.0	0.000567	1726.30859	171.01001
1860.0	0.000541	1725.61194	158.95782
1844.0	0.000541	1724.91528	148.11223
1857.0	0.000541	1724.21912	138.39120
1826.0	0.000541	1723.52246	129.71109
1825.0	0.000541	1722.82581	121.98870
1865.0	0.000541	1722.12964	115.14328
1802.0	0.000567	1721.43298	109.09802
1722.0	0.000595	1720.73633	103.78085
1808.0	0.000541	1720.03967	99.12540
1818.0	0.000541	1719.34351	95.07112
1785.0	0.000567	1718.64685	91.56364
1658.0	0.000595	1717.95007	88.55483
1755.0	0.000567	1717.25403	85.50987
1845.0	0.000541	1716.55725	83.38046
1783.0	0.000567	1715.86060	81.70837
1813.0	0.000541	1715.16394	80.33115
1599.0	0.000625	1714.46777	79.29475
1751.0	0.000567	1713.77112	78.58115
1665.0	0.000595	1713.07446	78.17554
1705.0	0.000595	1712.37781	78.06572
1748.0	0.000567	1711.68164	78.24139
1780.0	0.000567	1710.98499	78.69363
1764.0	0.000567	1710.28833	79.41406
1859.0	0.000541	1709.59216	79.82464
1818.0	0.000541	1708.89551	81.05826
1821.0	0.000541	1708.19885	82.81236
1756.0	0.000567	1707.50208	84.51425
1764.0	0.000567	1706.80603	86.47221
1785.0	0.000567	1706.10925	88.56694
1778.0	0.000567	1705.41260	90.81890
1753.0	0.000567	1704.71655	93.19466
1758.0	0.000567	1704.01978	95.81046
1791.0	0.000567	1703.32312	98.31709
1674.0	0.000595	1702.62646	100.82584
1828.0	0.000541	1701.93030	103.29882
1759.0	0.000567	1701.23364	105.70661
1834.0	0.000541	1700.53699	108.03203
1818.0	0.000541	1699.84082	110.27230
1744.0	0.000567	1699.14417	112.43868
1797.0	0.000567	1698.44751	114.55360
1807.0	0.000541	1697.75085	116.64546
1833.0	0.000541	1697.05469	118.74290
1841.0	0.000541	1696.35803	120.86908
1834.0	0.000541	1695.66138	123.03733
1741.0	0.000567	1694.96460	125.24862
1796.0	0.000567	1694.26855	127.49090
1833.0	0.000541	1693.57178	129.88921
1773.0	0.000567	1692.87512	132.11333
1761.0	0.000567	1692.17896	134.27106
1786.0	0.000567	1691.48230	136.31767

1842.0	0.000541	1690.78564	138.20576
1796.0	0.000567	1690.08899	139.88550
1889.0	0.000541	1689.39282	141.30586
1827.0	0.000541	1688.69617	142.41542
1815.0	0.000541	1687.99951	143.28810
1726.0	0.000567	1687.30334	143.63422
1809.0	0.000541	1686.60669	143.54213
1782.0	0.000567	1685.91003	142.99161
1826.0	0.000541	1685.21338	141.98006
1773.0	0.000567	1684.51721	140.52464
1801.0	0.000567	1683.82056	138.66223
1841.0	0.000541	1683.12378	136.44682
1789.0	0.000567	1682.42773	133.94460
1769.0	0.000567	1681.73096	131.22731
1799.0	0.000567	1681.03430	128.36563
1784.0	0.000567	1680.33765	125.42359
1766.0	0.000567	1679.64148	122.45463
1821.0	0.000541	1678.94482	119.50046
1837.0	0.000541	1678.24817	116.59996
1848.0	0.000541	1677.55151	113.75908
1763.0	0.000567	1676.85535	111.00143
1815.0	0.000541	1676.15869	107.95319
1718.0	0.000595	1675.46204	105.46733
1822.0	0.000541	1674.76587	103.01659
1666.0	0.000595	1674.06921	100.67587
1757.0	0.000567	1673.37256	98.44461
1745.0	0.000567	1672.67578	96.31934
1762.0	0.000567	1671.97974	94.43517
1665.0	0.000595	1671.28296	92.50224
1730.0	0.000567	1670.58630	90.65137
1763.0	0.000567	1669.89014	88.87401
1769.0	0.000567	1669.19348	87.16352
1772.0	0.000567	1668.49683	85.51685
1854.0	0.000541	1667.80017	83.93468
1733.0	0.000567	1667.10400	82.25818
1754.0	0.000567	1666.40735	80.81935
1744.0	0.000567	1665.71069	79.45982
1778.0	0.000567	1665.01453	78.18237
1815.0	0.000541	1664.31787	77.04253
1746.0	0.000567	1663.62122	75.91954
1828.0	0.000541	1662.92456	74.85751
1766.0	0.000567	1662.22839	73.83877
1729.0	0.000567	1661.53174	72.84167
1750.0	0.000567	1660.83496	71.84257
1822.0	0.000541	1660.13831	70.81789
1739.0	0.000567	1659.44226	69.74644
1699.0	0.000595	1658.74548	68.61179
1792.0	0.000567	1658.04883	67.40395
1871.0	0.000541	1657.35266	66.32709
1793.0	0.000567	1656.65601	64.97591
1701.0	0.000595	1655.95935	63.96810
1703.0	0.000595	1655.26270	62.52835
1736.0	0.000567	1654.56653	61.07639
1824.0	0.000541	1653.86987	59.63945

1653.0	0.000595	1653.17322	58.24600
1738.0	0.000567	1652.47705	56.77660
1716.0	0.000595	1651.78040	55.55404
1740.0	0.000567	1651.08374	54.45428
1700.0	0.000595	1650.38696	53.49903
1684.0	0.000595	1649.69092	52.70695
1652.0	0.000595	1648.99426	52.09334
1658.0	0.000595	1648.29749	51.67011
1734.0	0.000567	1647.60144	51.44559
1655.0	0.000595	1646.90466	51.42426
1586.0	0.000625	1646.20801	51.60670
1774.0	0.000567	1645.51135	51.98917
1668.0	0.000595	1644.81519	52.65086
1639.0	0.000625	1644.11853	53.40427
1683.0	0.000595	1643.42188	54.31760
1645.0	0.000595	1642.72522	54.87452
1610.0	0.000625	1642.02905	56.08639
1571.0	0.000625	1641.33240	57.30809
1664.0	0.000595	1640.63574	58.54996
1661.0	0.000595	1639.93958	59.75883
1691.0	0.000595	1639.24292	60.87522
1621.0	0.000625	1638.54626	61.83590
1646.0	0.000595	1637.84949	62.57806
1684.0	0.000595	1637.15344	63.04544
1611.0	0.000625	1636.45667	63.19489
1661.0	0.000595	1635.76001	63.00256
1655.0	0.000595	1635.06384	62.46777
1576.0	0.000625	1634.36719	61.61323
1670.0	0.000595	1633.67053	60.48194
1662.0	0.000595	1632.97388	59.13158
1688.0	0.000595	1632.27771	57.62828
1629.0	0.000625	1631.58105	56.04097
1621.0	0.000625	1630.88440	54.43770
1648.0	0.000595	1630.18823	52.88344
1684.0	0.000595	1629.80518	51.43948
1659.0	0.000595	1629.89319	50.16383
1651.0	0.000595	1629.98120	49.60193
1584.0	0.000625	1630.06909	48.83364
1598.0	0.000625	1630.15710	48.39674
1633.0	0.000625	1630.24512	48.34430
1598.0	0.000625	1630.33313	48.72905
1646.0	0.000595	1630.42102	49.60318
1665.0	0.000595	1630.50903	51.01735
1621.0	0.000625	1630.59705	53.01934
1618.0	0.000625	1630.68494	55.65209
1690.0	0.000595	1630.77295	58.95155
1609.0	0.000625	1630.86096	62.94381
1633.0	0.000625	1630.94897	67.64227
1668.0	0.000595	1631.03687	73.04456
1623.0	0.000625	1631.12488	79.12941
1619.0	0.000625	1631.21289	85.85377
1682.0	0.000595	1631.30090	93.15014
1717.0	0.000595	1631.38879	100.92408
1605.0	0.000625	1631.47681	108.99081

1724.0	0.000567	1631.56482	117.31774
1692.0	0.000595	1631.65283	125.69798
1686.0	0.000595	1631.74072	133.82518
1726.0	0.000567	1631.82874	141.48827
1686.0	0.000595	1631.91675	148.40874
1663.0	0.000595	1632.00476	154.29684
1703.0	0.000595	1632.09265	158.87459
1665.0	0.000595	1632.18066	161.90688
1674.0	0.000595	1632.26868	163.23474
1677.0	0.000595	1632.35669	162.80161
1672.0	0.000595	1632.44458	160.66386
1673.0	0.000595	1632.53259	156.98083
1671.0	0.000595	1632.62061	151.98865
1652.0	0.000595	1632.70862	146.16661
1640.0	0.000625	1632.79663	139.40906
1646.0	0.000595	1632.88452	132.19508
1617.0	0.000625	1632.97253	124.78019
1622.0	0.000625	1633.06055	117.38826
1663.0	0.000595	1633.14856	109.96955
1655.0	0.000595	1633.23645	103.16125
1629.0	0.000625	1633.32446	96.84778
1648.0	0.000595	1633.41248	91.12560
1647.0	0.000595	1633.50037	86.06471
1660.0	0.000595	1633.58838	81.71176
1633.0	0.000625	1633.67639	78.09314
1648.0	0.000595	1633.76440	75.21841
1671.0	0.000595	1633.85229	73.08406
1635.0	0.000625	1633.94031	71.67705
1645.0	0.000595	1634.02832	70.97829
1647.0	0.000595	1634.11621	70.96582
1650.0	0.000595	1634.20422	71.61729
1686.0	0.000595	1634.29224	72.91216
1600.0	0.000625	1634.38025	74.71248
1631.0	0.000625	1634.46814	77.24548
1641.0	0.000595	1634.55615	80.37975
1605.0	0.000625	1634.64417	84.10803
1686.0	0.000595	1634.73218	88.56784
1647.0	0.000595	1634.82007	93.46971
1690.0	0.000595	1634.90808	98.94995
1636.0	0.000625	1634.99609	104.99976
1668.0	0.000595	1635.08398	111.39233
1701.0	0.000595	1635.17200	118.53166
1749.0	0.000567	1635.26001	126.17043
1679.0	0.000595	1635.34802	134.26074
1794.0	0.000567	1635.43591	142.73686
1681.0	0.000595	1635.52393	151.51151
1723.0	0.000567	1635.61194	160.47273
1740.0	0.000567	1635.69983	169.48061
1714.0	0.000595	1635.78784	178.36592
1734.0	0.000567	1635.87585	186.93103
1757.0	0.000567	1635.96387	194.95607
1713.0	0.000595	1636.05176	202.21037
1785.0	0.000567	1636.13977	208.47328
1777.0	0.000567	1636.22778	213.55893

1735.0	0.000567	1636.31580	217.34184
1780.0	0.000567	1636.40369	219.77541
1706.0	0.000595	1636.49170	220.89517
1746.0	0.000567	1636.57971	220.80728
1758.0	0.000567	1636.66772	219.66585
1765.0	0.000567	1636.75562	217.64658
1683.0	0.000595	1636.84363	214.92484
1768.0	0.000567	1636.93164	211.93752
1735.0	0.000567	1637.01965	208.27072
1729.0	0.000567	1637.10754	204.31516
1741.0	0.000567	1637.19556	200.16615
1753.0	0.000567	1637.28357	195.90277
1675.0	0.000595	1637.37158	191.59108
1731.0	0.000567	1637.45959	187.28705
1757.0	0.000567	1637.54749	183.04129
1739.0	0.000567	1637.63550	179.01488
1727.0	0.000567	1637.72351	174.98579
1686.0	0.000595	1637.81152	171.10396
1754.0	0.000567	1637.89941	167.38283
1750.0	0.000567	1637.98743	163.95645
1705.0	0.000595	1638.07544	160.56096
1722.0	0.000595	1638.16345	157.31052
1711.0	0.000595	1638.25134	154.18272
1712.0	0.000595	1638.33936	151.14844
1721.0	0.000595	1638.42737	148.17412
1685.0	0.000595	1638.51526	145.22537
1672.0	0.000595	1638.60327	142.27077
1707.0	0.000595	1638.69128	139.28635
1677.0	0.000595	1638.77930	136.41801
1700.0	0.000595	1638.86719	133.35168
1667.0	0.000595	1638.95520	130.25783
1664.0	0.000595	1639.04321	127.29588
1724.0	0.000567	1639.13123	124.24059
1696.0	0.000595	1639.21912	121.26434
1698.0	0.000595	1639.30713	118.41228
1703.0	0.000595	1639.39514	115.72912
1687.0	0.000595	1639.48303	113.25779
1705.0	0.000595	1639.57104	111.03896
1636.0	0.000625	1639.65906	109.11172
1759.0	0.000567	1639.74707	107.51515
1742.0	0.000567	1639.83496	106.29022
1682.0	0.000595	1639.92297	105.48231
1768.0	0.000567	1640.01099	105.14355
1698.0	0.000595	1640.09888	105.33505
1692.0	0.000595	1640.18689	106.12837
1750.0	0.000567	1640.27490	107.60651
1727.0	0.000567	1640.36292	109.86333
1738.0	0.000567	1640.45081	113.00200
1804.0	0.000567	1640.53882	117.13219
1728.0	0.000567	1640.62683	122.36602
1790.0	0.000567	1640.71472	128.81287
1761.0	0.000567	1640.80273	136.57382
1778.0	0.000567	1640.89075	145.73483
1832.0	0.000541	1640.97876	156.36041

1797.0	0.000567	1641.06665	168.48637
1816.0	0.000541	1641.15466	182.11340
1858.0	0.000541	1641.24268	197.20038
1808.0	0.000541	1641.33069	213.65871
1926.0	0.000517	1641.41858	231.34654
1913.0	0.000517	1641.50659	250.06396
1960.0	0.000517	1641.59460	269.54810
1976.0	0.000517	1641.68262	289.46869
2011.0	0.000494	1641.77063	309.42505
1967.0	0.000517	1641.85852	328.94598
1929.0	0.000517	1641.94653	347.49548
2059.0	0.000494	1642.03455	364.49133
2081.0	0.000473	1642.12256	379.79300
2065.0	0.000494	1642.21045	391.94284
2089.0	0.000473	1642.29846	400.94489
2043.0	0.000494	1642.38647	406.52628
2100.0	0.000473	1642.47449	408.63193
2129.0	0.000473	1642.56238	407.43463
2083.0	0.000473	1642.65039	403.30426
2145.0	0.000473	1642.73840	396.74860
2074.0	0.000473	1642.82642	388.34601
2085.0	0.000473	1642.91431	378.68631
2048.0	0.000494	1643.00232	368.32904
2073.0	0.000473	1643.09033	357.78110
2027.0	0.000494	1643.17834	347.48828
2079.0	0.000473	1643.26624	337.83466
2050.0	0.000494	1643.35425	329.14682
2008.0	0.000494	1643.44226	321.69714
2079.0	0.000473	1643.53027	315.70834
2094.0	0.000473	1643.61816	311.54507
2060.0	0.000494	1643.70618	308.95782
2023.0	0.000494	1643.79419	308.37347
2000.0	0.000494	1643.88208	309.70474
1991.0	0.000494	1643.97009	312.81244
2018.0	0.000494	1644.05811	317.74808
2055.0	0.000494	1644.14612	324.52396
2028.0	0.000494	1644.23401	333.10144
2014.0	0.000494	1644.32202	343.45609
2037.0	0.000494	1644.41003	355.58862
2024.0	0.000494	1644.49792	369.52890
1998.0	0.000494	1644.58594	385.32849
2034.0	0.000494	1644.67395	403.04489
2044.0	0.000494	1644.76196	422.71783
2079.0	0.000473	1644.84985	444.34415
2084.0	0.000473	1644.93787	467.85257
2177.0	0.000453	1645.02588	493.08319
2182.0	0.000453	1645.11377	519.77057
2153.0	0.000473	1645.20178	547.52954
2162.0	0.000453	1645.28979	575.84558
2206.0	0.000453	1645.37781	604.06775
2169.0	0.000453	1645.46570	631.41022
2205.0	0.000453	1645.55371	656.96552
2149.0	0.000473	1645.64172	679.73962
2155.0	0.000473	1645.72974	698.71393

2169.0	0.000453	1645.81763	712.93579
2175.0	0.000453	1645.90564	721.62842
2183.0	0.000453	1645.99365	724.29791
2145.0	0.000473	1646.08154	719.65979
2135.0	0.000473	1646.16956	710.25745
2145.0	0.000473	1646.25757	695.86853
2128.0	0.000473	1646.34558	676.65637
2128.0	0.000473	1646.43359	654.03101
2144.0	0.000473	1646.52148	628.94806
2122.0	0.000473	1646.60950	602.52161
2049.0	0.000494	1646.69751	575.77533
2051.0	0.000494	1646.78552	549.49817
2007.0	0.000494	1646.87341	524.47333
2037.0	0.000494	1646.96143	501.30457
2123.0	0.000473	1647.04944	480.45459
2027.0	0.000494	1647.13745	462.24600
2101.0	0.000473	1647.22534	446.86328
2119.0	0.000473	1647.31335	434.75842
2017.0	0.000494	1647.40137	425.05826
2038.0	0.000494	1647.48938	418.02032
2062.0	0.000494	1647.57727	413.23059
2058.0	0.000494	1647.66528	410.34525
2102.0	0.000473	1647.75330	408.88599
2115.0	0.000473	1647.84131	408.31573
2133.0	0.000473	1647.92920	408.06522
2119.0	0.000473	1648.01721	407.74347
2092.0	0.000473	1648.10522	406.47311
2053.0	0.000494	1648.19324	403.99014
2148.0	0.000473	1648.28113	399.97772
2091.0	0.000473	1648.36914	394.26520
2118.0	0.000473	1648.45715	386.83087
2106.0	0.000473	1648.54517	377.78598
2098.0	0.000473	1648.63306	367.34222
2043.0	0.000494	1648.72107	355.77673
2010.0	0.000494	1648.80908	343.39679
1979.0	0.000517	1648.89697	330.51245
2067.0	0.000494	1648.98499	317.61099
2017.0	0.000494	1649.07300	304.56973
1978.0	0.000517	1649.16101	291.80753
2039.0	0.000494	1649.24890	279.50974
1903.0	0.000517	1649.33691	267.82037
1904.0	0.000517	1649.42493	256.84357
1931.0	0.000517	1649.51282	246.64685
1873.0	0.000541	1649.60083	237.26706
1899.0	0.000517	1649.68884	228.71594
1904.0	0.000517	1649.77686	220.98703
1903.0	0.000517	1649.86475	214.06131
1965.0	0.000517	1649.95276	207.91220
1892.0	0.000541	1650.04077	202.50941
1870.0	0.000541	1650.12878	197.82141
1888.0	0.000541	1650.21667	193.81677
1915.0	0.000517	1650.30469	190.46477
1920.0	0.000517	1650.39270	187.73558
1877.0	0.000541	1650.48059	185.59956

1890.0	0.000541	1650.56860	184.02731
1840.0	0.000541	1650.65662	182.98883
1860.0	0.000541	1650.74463	182.45332
1946.0	0.000517	1650.83252	182.38872
1863.0	0.000541	1650.92053	182.76234
1926.0	0.000517	1651.00854	183.54088
1887.0	0.000541	1651.09656	184.76476
1877.0	0.000541	1651.18445	186.25821
1873.0	0.000541	1651.27246	188.06720
1981.0	0.000494	1651.36047	190.17053
1866.0	0.000541	1651.44849	192.55405
1916.0	0.000517	1651.53638	195.21103
1939.0	0.000517	1651.62439	198.14232
1868.0	0.000541	1651.71240	201.35461
1958.0	0.000517	1651.80042	204.85864
1942.0	0.000517	1651.88831	208.66571
1941.0	0.000517	1651.97632	212.78531
1891.0	0.000541	1652.06433	217.22090
1872.0	0.000541	1652.15234	221.96696
1929.0	0.000517	1652.24023	227.00523
1896.0	0.000517	1652.32825	232.30113
1941.0	0.000517	1652.41626	237.79941
1940.0	0.000517	1652.50427	243.42090
1954.0	0.000517	1652.59216	249.05858
1930.0	0.000517	1652.68018	254.57687
1890.0	0.000541	1652.76819	259.81308
1923.0	0.000517	1652.85620	264.58371
1868.0	0.000541	1652.94421	268.69754
1904.0	0.000517	1653.03210	271.97330
1842.0	0.000541	1653.12012	274.25937
1995.0	0.000494	1653.20813	275.44998
1909.0	0.000517	1653.29602	275.49088
1828.0	0.000541	1653.38403	274.37372
1924.0	0.000517	1653.47205	272.12115
1867.0	0.000541	1653.56006	268.77197
1800.0	0.000567	1653.64795	264.37051
1768.0	0.000567	1653.73596	258.96646
1837.0	0.000541	1653.82397	252.79869
1759.0	0.000567	1653.91187	245.60968
1809.0	0.000541	1653.99988	237.70193
1794.0	0.000567	1654.08789	229.24590
1803.0	0.000567	1654.17590	220.44627
1779.0	0.000567	1654.26379	211.52748
1747.0	0.000567	1654.35181	202.71576
1808.0	0.000541	1654.43982	194.22292
1768.0	0.000567	1654.52783	186.23537
1728.0	0.000567	1654.61572	178.90860
1845.0	0.000541	1654.70374	172.36574
1777.0	0.000567	1654.79175	166.69957
1737.0	0.000567	1654.87964	162.61913
1679.0	0.000595	1654.96765	158.88593
1686.0	0.000595	1655.05566	156.15331
1778.0	0.000567	1655.14368	154.80634
1699.0	0.000595	1655.23157	154.05426

1807.0	0.000541	1655.31958	154.24500
1755.0	0.000567	1655.39001	155.75903
1862.0	0.000541	1655.39001	157.67340
1827.0	0.000541	1655.39001	160.33823
1728.0	0.000567	1655.39001	163.66904
1801.0	0.000567	1655.39001	167.57605
1840.0	0.000541	1655.39001	171.96733
1775.0	0.000567	1655.39001	176.75060
1895.0	0.000517	1655.39001	181.83398
1828.0	0.000541	1655.39001	187.12524
1811.0	0.000541	1655.39001	192.65225
1836.0	0.000541	1655.39001	198.06488
1788.0	0.000567	1655.39001	203.37033
1850.0	0.000541	1655.39001	208.43732
1903.0	0.000517	1655.39001	213.11794
1831.0	0.000541	1655.39001	217.25052
1853.0	0.000541	1655.39001	220.66667
1886.0	0.000541	1655.39001	223.20245
1904.0	0.000517	1655.39001	224.71288
1875.0	0.000541	1655.39001	225.08682
1811.0	0.000541	1655.39001	224.26013
1893.0	0.000517	1655.39001	222.22285
1894.0	0.000517	1655.39001	219.02045
1892.0	0.000541	1655.39001	214.74826
1890.0	0.000541	1655.39001	209.53969
1864.0	.	.	.
1884.0	.	.	.
1868.0	.	.	.
1904.0	.	.	.
1865.0	.	.	.
1807.0	.	.	.
1860.0	.	.	.
1718.0	.	.	.
1745.0	.	.	.
1745.0	.	.	.
1824.0	.	.	.
1813.0	.	.	.
1887.0	.	.	.
1848.0	.	.	.
1724.0	.	.	.
1715.0	.	.	.
1760.0	.	.	.
1786.0	.	.	.
1793.0	.	.	.
1698.0	.	.	.
1659.0	.	.	.
1785.0	.	.	.
1722.0	.	.	.
1818.0	.	.	.
1792.0	.	.	.
1763.0	.	.	.
1720.0	.	.	.
1808.0	.	.	.
1705.0	.	.	.

1698.0	.	.	.
1786.0	.	.	.
1810.0	.	.	.
1766.0	.	.	.
1726.0	.	.	.
1821.0	.	.	.
1830.0	.	.	.
1800.0	.	.	.
1815.0	.	.	.
1827.0	.	.	.
1892.0	.	.	.
1844.0	.	.	.
1961.0	.	.	.
1876.0	.	.	.
1857.0	.	.	.
2012.0	.	.	.
2003.0	.	.	.
1980.0	.	.	.
2057.0	.	.	.
2023.0	.	.	.
2081.0	.	.	.
2065.0	.	.	.
2044.0	.	.	.
2102.0	.	.	.
2007.0	.	.	.
2046.0	.	.	.
2114.0	.	.	.
2116.0	.	.	.
2025.0	.	.	.
2147.0	.	.	.
2071.0	.	.	.
1938.0	.	.	.
2048.0	.	.	.
1958.0	.	.	.
2012.0	.	.	.
1989.0	.	.	.
1989.0	.	.	.
2029.0	.	.	.
2016.0	.	.	.
2070.0	.	.	.
2076.0	.	.	.
2072.0	.	.	.
2072.0	.	.	.
2211.0	.	.	.
2116.0	.	.	.
2039.0	.	.	.
2109.0	.	.	.
2151.0	.	.	.
2091.0	.	.	.
2074.0	.	.	.
2082.0	.	.	.
2060.0	.	.	.
2172.0	.	.	.
2125.0	.	.	.

2153.0	.	.	.
2129.0	.	.	.
2150.0	.	.	.
2172.0	.	.	.
2139.0	.	.	.
2265.0	.	.	.
2112.0	.	.	.
2245.0	.	.	.
2207.0	.	.	.
2245.0	.	.	.
2274.0	.	.	.
2326.0	.	.	.
2331.0	.	.	.
2330.0	.	.	.
2400.0	.	.	.
2416.0	.	.	.
2422.0	.	.	.
2482.0	.	.	.
2489.0	.	.	.
2583.0	.	.	.
2630.0	.	.	.
2664.0	.	.	.
2691.0	.	.	.
2748.0	.	.	.
2774.0	.	.	.
2768.0	.	.	.
2817.0	.	.	.
2887.0	.	.	.
2825.0	.	.	.
2843.0	.	.	.
2826.0	.	.	.
2738.0	.	.	.
2762.0	.	.	.
2668.0	.	.	.
2587.0	.	.	.
2560.0	.	.	.
2461.0	.	.	.
2467.0	.	.	.
2316.0	.	.	.
2259.0	.	.	.
2240.0	.	.	.
2189.0	.	.	.
2194.0	.	.	.
2102.0	.	.	.
2048.0	.	.	.
2073.0	.	.	.
1960.0	.	.	.
1981.0	.	.	.
1951.0	.	.	.
1894.0	.	.	.
1900.0	.	.	.
1843.0	.	.	.
1826.0	.	.	.
1771.0	.	.	.

1777.0	.	.	.
1791.0	.	.	.
1795.0	.	.	.
1773.0	.	.	.
1759.0	.	.	.
1724.0	.	.	.
1732.0	.	.	.
1747.0	.	.	.
1688.0	.	.	.
1782.0	.	.	.
1769.0	.	.	.
1712.0	.	.	.
1796.0	.	.	.
1725.0	.	.	.
1693.0	.	.	.
1673.0	.	.	.
1713.0	.	.	.
1747.0	.	.	.
1796.0	.	.	.
1773.0	.	.	.
1741.0	.	.	.
1762.0	.	.	.
1738.0	.	.	.
1740.0	.	.	.
1783.0	.	.	.
1841.0	.	.	.
1792.0	.	.	.
1805.0	.	.	.
1747.0	.	.	.
1837.0	.	.	.
1831.0	.	.	.
1764.0	.	.	.
1831.0	.	.	.
1828.0	.	.	.
1846.0	.	.	.
1858.0	.	.	.
1870.0	.	.	.
1889.0	.	.	.
1865.0	.	.	.
1881.0	.	.	.
1830.0	.	.	.
1850.0	.	.	.
1848.0	.	.	.
1844.0	.	.	.
1851.0	.	.	.
1836.0	.	.	.
1855.0	.	.	.
1808.0	.	.	.
1824.0	.	.	.
1805.0	.	.	.
1834.0	.	.	.
1829.0	.	.	.
1803.0	.	.	.
1779.0	.	.	.

1787.0	.	.	.
1817.0	.	.	.
1766.0	.	.	.
1775.0	.	.	.
1781.0	.	.	.
1833.0	.	.	.
1804.0	.	.	.
1858.0	.	.	.
1858.0	.	.	.
1802.0	.	.	.
1813.0	.	.	.
1833.0	.	.	.
1730.0	.	.	.
1788.0	.	.	.
1779.0	.	.	.
1778.0	.	.	.
1833.0	.	.	.
1811.0	.	.	.
1864.0	.	.	.
1833.0	.	.	.
1840.0	.	.	.
1870.0	.	.	.
1862.0	.	.	.
1862.0	.	.	.
1850.0	.	.	.
1874.0	.	.	.
1907.0	.	.	.
1851.0	.	.	.
1920.0	.	.	.
1907.0	.	.	.
1867.0	.	.	.
1887.0	.	.	.
1890.0	.	.	.
1892.0	.	.	.
1907.0	.	.	.
1924.0	.	.	.
1941.0	.	.	.
1914.0	.	.	.
1879.0	.	.	.
1928.0	.	.	.
1910.0	.	.	.
1890.0	.	.	.
1903.0	.	.	.
1959.0	.	.	.
1914.0	.	.	.
1904.0	.	.	.
1840.0	.	.	.
1892.0	.	.	.
1861.0	.	.	.
1897.0	.	.	.
1890.0	.	.	.
1895.0	.	.	.
1890.0	.	.	.
1883.0	.	.	.

1911.0	.	.	.
1867.0	.	.	.
1866.0	.	.	.
1913.0	.	.	.
1895.0	.	.	.
1879.0	.	.	.
1887.0	.	.	.
1908.0	.	.	.
1864.0	.	.	.
1844.0	.	.	.
1836.0	.	.	.
1798.0	.	.	.
1834.0	.	.	.
1842.0	.	.	.
1834.0	.	.	.
1868.0	.	.	.
1811.0	.	.	.
1808.0	.	.	.
1758.0	.	.	.
1761.0	.	.	.
1794.0	.	.	.
1756.0	.	.	.
1771.0	.	.	.
1808.0	.	.	.
1774.0	.	.	.
1807.0	.	.	.
1781.0	.	.	.
1785.0	.	.	.
1828.0	.	.	.
1756.0	.	.	.
1798.0	.	.	.
1803.0	.	.	.
1736.0	.	.	.
1773.0	.	.	.
1779.0	.	.	.
1798.0	.	.	.
1814.0	.	.	.
1776.0	.	.	.
1844.0	.	.	.
1784.0	.	.	.
1905.0	.	.	.
1819.0	.	.	.
1905.0	.	.	.
1882.0	.	.	.
1884.0	.	.	.
1911.0	.	.	.
1900.0	.	.	.
1867.0	.	.	.
1949.0	.	.	.
2008.0	.	.	.
1963.0	.	.	.
2051.0	.	.	.
2085.0	.	.	.
2124.0	.	.	.

2097.0	.	.	.
2064.0	.	.	.
2113.0	.	.	.
2087.0	.	.	.
2160.0	.	.	.
2148.0	.	.	.
2162.0	.	.	.
2211.0	.	.	.
2151.0	.	.	.
2106.0	.	.	.
2085.0	.	.	.
2166.0	.	.	.
2201.0	.	.	.
2143.0	.	.	.
2148.0	.	.	.
2136.0	.	.	.
2137.0	.	.	.
2104.0	.	.	.
2151.0	.	.	.
2087.0	.	.	.
2134.0	.	.	.
2151.0	.	.	.
2045.0	.	.	.
2063.0	.	.	.
2051.0	.	.	.
2071.0	.	.	.
1927.0	.	.	.
2112.0	.	.	.
2008.0	.	.	.
1957.0	.	.	.
2061.0	.	.	.
1971.0	.	.	.
1991.0	.	.	.
2044.0	.	.	.
1978.0	.	.	.
2053.0	.	.	.
2059.0	.	.	.
2080.0	.	.	.
2001.0	.	.	.
2092.0	.	.	.
2090.0	.	.	.
2085.0	.	.	.
2072.0	.	.	.
2224.0	.	.	.
2198.0	.	.	.
2098.0	.	.	.
2159.0	.	.	.
2231.0	.	.	.
2234.0	.	.	.
2269.0	.	.	.
2291.0	.	.	.
2270.0	.	.	.
2277.0	.	.	.
2273.0	.	.	.

2252.0	.	.	.
2278.0	.	.	.
2267.0	.	.	.
2257.0	.	.	.
2358.0	.	.	.
2147.0	.	.	.
2259.0	.	.	.
2248.0	.	.	.
2210.0	.	.	.
2192.0	.	.	.
2250.0	.	.	.
2187.0	.	.	.
2139.0	.	.	.
2098.0	.	.	.
2176.0	.	.	.
2126.0	.	.	.
2129.0	.	.	.
2160.0	.	.	.
2030.0	.	.	.
2077.0	.	.	.
2038.0	.	.	.
2151.0	.	.	.
2002.0	.	.	.
2045.0	.	.	.
2002.0	.	.	.
2033.0	.	.	.
2022.0	.	.	.
2038.0	.	.	.
2071.0	.	.	.
2035.0	.	.	.
2013.0	.	.	.
2010.0	.	.	.
1980.0	.	.	.
2105.0	.	.	.
2008.0	.	.	.
2072.0	.	.	.
1942.0	.	.	.
1973.0	.	.	.
2074.0	.	.	.
2032.0	.	.	.
2009.0	.	.	.
2045.0	.	.	.
2037.0	.	.	.
1986.0	.	.	.
2040.0	.	.	.
1983.0	.	.	.
1915.0	.	.	.
1981.0	.	.	.
1935.0	.	.	.
1880.0	.	.	.
1949.0	.	.	.
1912.0	.	.	.
1927.0	.	.	.
1876.0	.	.	.

1882.0	.	.	.
1841.0	.	.	.
1814.0	.	.	.
1804.0	.	.	.
1884.0	.	.	.
1790.0	.	.	.
1864.0	.	.	.
1835.0	.	.	.
1810.0	.	.	.
1742.0	.	.	.
1768.0	.	.	.
1739.0	.	.	.
1717.0	.	.	.
1781.0	.	.	.
1745.0	.	.	.
1754.0	.	.	.
1724.0	.	.	.
1688.0	.	.	.
1704.0	.	.	.
1747.0	.	.	.
1727.0	.	.	.
1725.0	.	.	.
1710.0	.	.	.
1710.0	.	.	.
1731.0	.	.	.
1736.0	.	.	.
1581.0	.	.	.
1633.0	.	.	.
1695.0	.	.	.
1584.0	.	.	.
1560.0	.	.	.
1671.0	.	.	.
1673.0	.	.	.
1601.0	.	.	.
1666.0	.	.	.
1648.0	.	.	.
1577.0	.	.	.
1616.0	.	.	.
1682.0	.	.	.
1676.0	.	.	.
1654.0	.	.	.
1627.0	.	.	.
1640.0	.	.	.
1616.0	.	.	.
1585.0	.	.	.
1553.0	.	.	.
1693.0	.	.	.
1591.0	.	.	.
1570.0	.	.	.
1641.0	.	.	.
1648.0	.	.	.
1651.0	.	.	.
1619.0	.	.	.
1707.0	.	.	.

1625.0	.	.	.
1635.0	.	.	.
1577.0	.	.	.
1628.0	.	.	.
1680.0	.	.	.
1560.0	.	.	.
1650.0	.	.	.
1685.0	.	.	.
1685.0	.	.	.
1572.0	.	.	.
1668.0	.	.	.
1666.0	.	.	.
1681.0	.	.	.
1675.0	.	.	.
1649.0	.	.	.
1666.0	.	.	.
1619.0	.	.	.
1634.0	.	.	.
1721.0	.	.	.
1712.0	.	.	.
1666.0	.	.	.
1669.0	.	.	.
1737.0	.	.	.
1690.0	.	.	.
1705.0	.	.	.
1674.0	.	.	.
1668.0	.	.	.
1691.0	.	.	.
1664.0	.	.	.
1717.0	.	.	.
1683.0	.	.	.
1714.0	.	.	.
1646.0	.	.	.
1715.0	.	.	.
1697.0	.	.	.
1709.0	.	.	.
1700.0	.	.	.
1688.0	.	.	.
1749.0	.	.	.
1709.0	.	.	.
1740.0	.	.	.
1649.0	.	.	.
1638.0	.	.	.
1660.0	.	.	.
1699.0	.	.	.
1683.0	.	.	.
1655.0	.	.	.
1702.0	.	.	.
1635.0	.	.	.
1713.0	.	.	.
1677.0	.	.	.
1660.0	.	.	.
1658.0	.	.	.
1658.0	.	.	.

1698.0	.	.	.
1682.0	.	.	.
1708.0	.	.	.
1677.0	.	.	.
1742.0	.	.	.
1748.0	.	.	.
1755.0	.	.	.
1679.0	.	.	.
1767.0	.	.	.
1795.0	.	.	.
1767.0	.	.	.
1756.0	.	.	.
1727.0	.	.	.
1740.0	.	.	.
1751.0	.	.	.
1708.0	.	.	.
1713.0	.	.	.
1738.0	.	.	.
1734.0	.	.	.
1691.0	.	.	.
1738.0	.	.	.
1722.0	.	.	.
1741.0	.	.	.
1757.0	.	.	.
1730.0	.	.	.
1704.0	.	.	.
1721.0	.	.	.
1729.0	.	.	.
1751.0	.	.	.
1744.0	.	.	.
1780.0	.	.	.
1806.0	.	.	.
1824.0	.	.	.
1746.0	.	.	.
1750.0	.	.	.
1775.0	.	.	.
1734.0	.	.	.
1761.0	.	.	.
1745.0	.	.	.
1804.0	.	.	.
1754.0	.	.	.
1737.0	.	.	.
1800.0	.	.	.
1779.0	.	.	.
1713.0	.	.	.
1772.0	.	.	.
1697.0	.	.	.
1752.0	.	.	.
1719.0	.	.	.
1760.0	.	.	.
1711.0	.	.	.
1716.0	.	.	.
1732.0	.	.	.
1762.0	.	.	.

1718.0	.	.	.
1762.0	.	.	.
1649.0	.	.	.
1717.0	.	.	.
1682.0	.	.	.
1712.0	.	.	.
1722.0	.	.	.
1750.0	.	.	.
1730.0	.	.	.
1692.0	.	.	.
1664.0	.	.	.
1655.0	.	.	.
1691.0	.	.	.
1694.0	.	.	.
1649.0	.	.	.
1681.0	.	.	.
1712.0	.	.	.
1691.0	.	.	.
1696.0	.	.	.
1661.0	.	.	.
1682.0	.	.	.
1685.0	.	.	.
1654.0	.	.	.
1662.0	.	.	.
1659.0	.	.	.
1698.0	.	.	.
1681.0	.	.	.
1678.0	.	.	.
1708.0	.	.	.
1678.0	.	.	.
1715.0	.	.	.
1661.0	.	.	.
1684.0	.	.	.
1728.0	.	.	.
1731.0	.	.	.
1755.0	.	.	.
1765.0	.	.	.
1777.0	.	.	.
1732.0	.	.	.
1795.0	.	.	.
1715.0	.	.	.
1690.0	.	.	.
1743.0	.	.	.
1774.0	.	.	.
1785.0	.	.	.
1740.0	.	.	.
1692.0	.	.	.
1759.0	.	.	.
1742.0	.	.	.
1755.0	.	.	.
1735.0	.	.	.
1722.0	.	.	.
1760.0	.	.	.
1748.0	.	.	.

1714.0	.	.	.
1671.0	.	.	.
1685.0	.	.	.
1738.0	.	.	.
1727.0	.	.	.
1744.0	.	.	.
1743.0	.	.	.
1679.0	.	.	.
1710.0	.	.	.
1679.0	.	.	.
1712.0	.	.	.
1712.0	.	.	.
1742.0	.	.	.
1705.0	.	.	.
1676.0	.	.	.
1662.0	.	.	.
1690.0	.	.	.
1748.0	.	.	.
1682.0	.	.	.
1686.0	.	.	.
1690.0	.	.	.
1708.0	.	.	.
1635.0	.	.	.
1719.0	.	.	.
1708.0	.	.	.
1647.0	.	.	.
1674.0	.	.	.
1678.0	.	.	.
1673.0	.	.	.
1666.0	.	.	.
1696.0	.	.	.
1686.0	.	.	.
1651.0	.	.	.
1719.0	.	.	.
1682.0	.	.	.
1686.0	.	.	.
1659.0	.	.	.
1676.0	.	.	.
1681.0	.	.	.
1647.0	.	.	.
1705.0	.	.	.
1660.0	.	.	.
1662.0	.	.	.
1596.0	.	.	.
1654.0	.	.	.
1691.0	.	.	.
1672.0	.	.	.
1706.0	.	.	.
1671.0	.	.	.
1676.0	.	.	.
1652.0	.	.	.
1618.0	.	.	.
1627.0	.	.	.
1644.0	.	.	.

1665.0	.	.	.
1674.0	.	.	.
1617.0	.	.	.
1701.0	.	.	.
1668.0	.	.	.
1654.0	.	.	.
1683.0	.	.	.
1617.0	.	.	.
1666.0	.	.	.
1676.0	.	.	.
1660.0	.	.	.
1704.0	.	.	.
1732.0	.	.	.
1668.0	.	.	.
1683.0	.	.	.
1682.0	.	.	.
1747.0	.	.	.
1668.0	.	.	.
1663.0	.	.	.
1745.0	.	.	.
1670.0	.	.	.
1688.0	.	.	.
1716.0	.	.	.
1734.0	.	.	.
1727.0	.	.	.
1668.0	.	.	.
1758.0	.	.	.
1748.0	.	.	.
1716.0	.	.	.
1708.0	.	.	.
1670.0	.	.	.
1677.0	.	.	.
1672.0	.	.	.
1777.0	.	.	.
1740.0	.	.	.
1733.0	.	.	.
1732.0	.	.	.
1723.0	.	.	.
1741.0	.	.	.
1772.0	.	.	.
1717.0	.	.	.
1719.0	.	.	.
1772.0	.	.	.
1844.0	.	.	.
1666.0	.	.	.
1723.0	.	.	.
1756.0	.	.	.
1743.0	.	.	.
1742.0	.	.	.
1756.0	.	.	.
1704.0	.	.	.
1688.0	.	.	.
1785.0	.	.	.
1718.0	.	.	.

1683.0	.	.	.
1699.0	.	.	.
1825.0	.	.	.
1691.0	.	.	.
1725.0	.	.	.
1665.0	.	.	.
1690.0	.	.	.
1584.0	.	.	.
1670.0	.	.	.
1626.0	.	.	.
1722.0	.	.	.
1680.0	.	.	.
1609.0	.	.	.
1643.0	.	.	.
1678.0	.	.	.
1676.0	.	.	.
1666.0	.	.	.
1643.0	.	.	.
1661.0	.	.	.
1602.0	.	.	.
1695.0	.	.	.
1678.0	.	.	.
1665.0	.	.	.
1648.0	.	.	.
1528.0	.	.	.
1639.0	.	.	.
1623.0	.	.	.
1656.0	.	.	.
1582.0	.	.	.
1560.0	.	.	.
1590.0	.	.	.
1691.0	.	.	.
1665.0	.	.	.
1668.0	.	.	.
1593.0	.	.	.
1677.0	.	.	.
1561.0	.	.	.
1638.0	.	.	.
1670.0	.	.	.
1692.0	.	.	.
1584.0	.	.	.
1660.0	.	.	.
1690.0	.	.	.
1669.0	.	.	.
1626.0	.	.	.
1672.0	.	.	.
1737.0	.	.	.
1586.0	.	.	.
1711.0	.	.	.
1703.0	.	.	.
1670.0	.	.	.
1718.0	.	.	.
1676.0	.	.	.
1652.0	.	.	.

1710.0	.	.	.
1702.0	.	.	.
1667.0	.	.	.
1754.0	.	.	.
1736.0	.	.	.
1800.0	.	.	.
1721.0	.	.	.
1781.0	.	.	.
1723.0	.	.	.
1675.0	.	.	.
1661.0	.	.	.
1726.0	.	.	.
1802.0	.	.	.
1854.0	.	.	.
1716.0	.	.	.
1715.0	.	.	.
1834.0	.	.	.
1831.0	.	.	.
1737.0	.	.	.
1762.0	.	.	.
1814.0	.	.	.
1790.0	.	.	.
1729.0	.	.	.
1853.0	.	.	.
1827.0	.	.	.
1802.0	.	.	.
1788.0	.	.	.
1913.0	.	.	.
1868.0	.	.	.
1780.0	.	.	.
1873.0	.	.	.
1869.0	.	.	.
1885.0	.	.	.
1794.0	.	.	.
1891.0	.	.	.
1791.0	.	.	.
1823.0	.	.	.
1768.0	.	.	.
1825.0	.	.	.
1773.0	.	.	.
1800.0	.	.	.
1725.0	.	.	.
1763.0	.	.	.
1763.0	.	.	.
1723.0	.	.	.
1718.0	.	.	.
1801.0	.	.	.
1718.0	.	.	.
1721.0	.	.	.
1708.0	.	.	.
1704.0	.	.	.
1784.0	.	.	.
1782.0	.	.	.
1749.0	.	.	.

1732.0	.	.	.
1690.0	.	.	.
1690.0	.	.	.
1687.0	.	.	.
1713.0	.	.	.
1728.0	.	.	.
1669.0	.	.	.
1772.0	.	.	.
1727.0	.	.	.
1729.0	.	.	.
1675.0	.	.	.
1703.0	.	.	.
1664.0	.	.	.
1803.0	.	.	.
1648.0	.	.	.
1717.0	.	.	.
1648.0	.	.	.
1646.0	.	.	.
1639.0	.	.	.
1671.0	.	.	.
1680.0	.	.	.
1753.0	.	.	.
1740.0	.	.	.
1724.0	.	.	.
1742.0	.	.	.
1611.0	.	.	.
1692.0	.	.	.
1648.0	.	.	.
1641.0	.	.	.
1670.0	.	.	.
1698.0	.	.	.
1712.0	.	.	.
1697.0	.	.	.
1741.0	.	.	.
1710.0	.	.	.
1743.0	.	.	.
1666.0	.	.	.
1665.0	.	.	.
1635.0	.	.	.
1696.0	.	.	.
1700.0	.	.	.
1692.0	.	.	.
1714.0	.	.	.
1775.0	.	.	.
1778.0	.	.	.
1725.0	.	.	.
1745.0	.	.	.
1752.0	.	.	.
1733.0	.	.	.
1765.0	.	.	.
1753.0	.	.	.
1730.0	.	.	.
1796.0	.	.	.
1794.0	.	.	.

1827.0	.	.	.
1782.0	.	.	.
1792.0	.	.	.
1772.0	.	.	.
1852.0	.	.	.
1839.0	.	.	.
1834.0	.	.	.
1817.0	.	.	.
1911.0	.	.	.
1832.0	.	.	.
1863.0	.	.	.
1883.0	.	.	.
1902.0	.	.	.
1882.0	.	.	.
1962.0	.	.	.
1927.0	.	.	.
1944.0	.	.	.
1891.0	.	.	.
1908.0	.	.	.
1939.0	.	.	.
1900.0	.	.	.
1892.0	.	.	.
1944.0	.	.	.
1898.0	.	.	.
1916.0	.	.	.
1875.0	.	.	.
1891.0	.	.	.
1901.0	.	.	.
1893.0	.	.	.
1927.0	.	.	.
1974.0	.	.	.
1989.0	.	.	.
1937.0	.	.	.
1955.0	.	.	.
1938.0	.	.	.
1984.0	.	.	.
1939.0	.	.	.
1919.0	.	.	.
1894.0	.	.	.
1931.0	.	.	.
1906.0	.	.	.
1911.0	.	.	.
1940.0	.	.	.
1983.0	.	.	.
1900.0	.	.	.
1934.0	.	.	.
1927.0	.	.	.
1887.0	.	.	.
1917.0	.	.	.
1921.0	.	.	.
1868.0	.	.	.
1913.0	.	.	.
1928.0	.	.	.
1952.0	.	.	.

1844.0	.	.	.
1882.0	.	.	.
1861.0	.	.	.
1868.0	.	.	.
1879.0	.	.	.
1911.0	.	.	.
1838.0	.	.	.
1848.0	.	.	.
1844.0	.	.	.
1871.0	.	.	.
1854.0	.	.	.
1834.0	.	.	.
1815.0	.	.	.
1778.0	.	.	.
1814.0	.	.	.
1866.0	.	.	.
1748.0	.	.	.
1793.0	.	.	.
1800.0	.	.	.
1789.0	.	.	.
1846.0	.	.	.
1820.0	.	.	.
1810.0	.	.	.
1759.0	.	.	.
1772.0	.	.	.
1768.0	.	.	.
1738.0	.	.	.
1715.0	.	.	.
1703.0	.	.	.
1723.0	.	.	.
1723.0	.	.	.
1696.0	.	.	.
1707.0	.	.	.
1658.0	.	.	.
1671.0	.	.	.
1679.0	.	.	.
1669.0	.	.	.
1696.0	.	.	.
1728.0	.	.	.
1681.0	.	.	.
1611.0	.	.	.
1648.0	.	.	.
1682.0	.	.	.
1627.0	.	.	.
1706.0	.	.	.
1701.0	.	.	.
1691.0	.	.	.
1704.0	.	.	.
1708.0	.	.	.
1741.0	.	.	.
1671.0	.	.	.
1669.0	.	.	.
1661.0	.	.	.
1661.0	.	.	.

1680.0	.	.	.
1702.0	.	.	.
1689.0	.	.	.
1707.0	.	.	.
1651.0	.	.	.
1674.0	.	.	.
1680.0	.	.	.
1686.0	.	.	.
1699.0	.	.	.
1717.0	.	.	.
1702.0	.	.	.
1673.0	.	.	.
1677.0	.	.	.
1652.0	.	.	.
1703.0	.	.	.
1678.0	.	.	.
1643.0	.	.	.
1612.0	.	.	.
1715.0	.	.	.
1654.0	.	.	.
1724.0	.	.	.
1625.0	.	.	.
1677.0	.	.	.
1635.0	.	.	.
1692.0	.	.	.
1691.0	.	.	.
1643.0	.	.	.
1714.0	.	.	.
1649.0	.	.	.
1702.0	.	.	.
1686.0	.	.	.
1674.0	.	.	.
1682.0	.	.	.
1653.0	.	.	.
1661.0	.	.	.
1664.0	.	.	.
1642.0	.	.	.
1749.0	.	.	.
1647.0	.	.	.
1701.0	.	.	.
1717.0	.	.	.
1673.0	.	.	.
1700.0	.	.	.
1710.0	.	.	.
1699.0	.	.	.
1682.0	.	.	.
1675.0	.	.	.
1718.0	.	.	.
1694.0	.	.	.
1711.0	.	.	.
1661.0	.	.	.
1674.0	.	.	.
1668.0	.	.	.
1691.0	.	.	.

1736.0	.	.	.
1754.0	.	.	.
1676.0	.	.	.
1658.0	.	.	.
1683.0	.	.	.
1706.0	.	.	.
1694.0	.	.	.
1660.0	.	.	.
1692.0	.	.	.
1688.0	.	.	.
1719.0	.	.	.
1713.0	.	.	.
1639.0	.	.	.
1656.0	.	.	.
1627.0	.	.	.
1689.0	.	.	.
1650.0	.	.	.
1594.0	.	.	.
1621.0	.	.	.
1666.0	.	.	.
1604.0	.	.	.
1569.0	.	.	.
1590.0	.	.	.
1613.0	.	.	.
1652.0	.	.	.
1582.0	.	.	.
1566.0	.	.	.
1556.0	.	.	.
1542.0	.	.	.
1594.0	.	.	.
1558.0	.	.	.
1555.0	.	.	.
1583.0	.	.	.
1558.0	.	.	.
1579.0	.	.	.
1519.0	.	.	.
1539.0	.	.	.
1517.0	.	.	.
1536.0	.	.	.
1568.0	.	.	.
1541.0	.	.	.
1617.0	.	.	.
1572.0	.	.	.
1565.0	.	.	.
1573.0	.	.	.
1566.0	.	.	.
1588.0	.	.	.
1523.0	.	.	.
1597.0	.	.	.
1534.0	.	.	.
1569.0	.	.	.
1566.0	.	.	.
1594.0	.	.	.
1590.0	.	.	.

1597.0	.	.	.
1598.0	.	.	.
1573.0	.	.	.
1654.0	.	.	.
1668.0	.	.	.
1674.0	.	.	.
1624.0	.	.	.
1635.0	.	.	.
1703.0	.	.	.
1720.0	.	.	.
1672.0	.	.	.
1742.0	.	.	.
1739.0	.	.	.
1686.0	.	.	.
1777.0	.	.	.
1847.0	.	.	.
1738.0	.	.	.
1854.0	.	.	.
1786.0	.	.	.
1801.0	.	.	.
1799.0	.	.	.
1793.0	.	.	.
1846.0	.	.	.
1856.0	.	.	.
1755.0	.	.	.
1861.0	.	.	.
1788.0	.	.	.
1779.0	.	.	.
1815.0	.	.	.
1870.0	.	.	.
1887.0	.	.	.
1871.0	.	.	.
1802.0	.	.	.
1933.0	.	.	.
1956.0	.	.	.
1900.0	.	.	.
1900.0	.	.	.
1879.0	.	.	.
1870.0	.	.	.
1966.0	.	.	.
2003.0	.	.	.
1917.0	.	.	.
1869.0	.	.	.
1939.0	.	.	.
1836.0	.	.	.
1876.0	.	.	.
1898.0	.	.	.
1999.0	.	.	.
1943.0	.	.	.
1911.0	.	.	.
1898.0	.	.	.
2004.0	.	.	.
1939.0	.	.	.
1955.0	.	.	.

1986.0	.	.	.
1903.0	.	.	.
1940.0	.	.	.
1890.0	.	.	.
1986.0	.	.	.
1953.0	.	.	.
1893.0	.	.	.
1931.0	.	.	.
1886.0	.	.	.
1857.0	.	.	.
1847.0	.	.	.
1845.0	.	.	.
1782.0	.	.	.
1849.0	.	.	.
1760.0	.	.	.
1776.0	.	.	.
1783.0	.	.	.
1704.0	.	.	.
1776.0	.	.	.
1727.0	.	.	.
1723.0	.	.	.
1742.0	.	.	.
1681.0	.	.	.
1754.0	.	.	.
1701.0	.	.	.
1700.0	.	.	.
1693.0	.	.	.
1649.0	.	.	.
1630.0	.	.	.
1646.0	.	.	.
1624.0	.	.	.
1653.0	.	.	.
1661.0	.	.	.
1575.0	.	.	.
1736.0	.	.	.
1660.0	.	.	.
1635.0	.	.	.
1688.0	.	.	.
1671.0	.	.	.
1679.0	.	.	.
1667.0	.	.	.
1699.0	.	.	.
1632.0	.	.	.
1661.0	.	.	.
1652.0	.	.	.
1663.0	.	.	.
1588.0	.	.	.
1653.0	.	.	.
1648.0	.	.	.
1527.0	.	.	.
1634.0	.	.	.
1635.0	.	.	.
1660.0	.	.	.
1580.0	.	.	.

1661.0	.	.	.
1649.0	.	.	.
1655.0	.	.	.
1678.0	.	.	.
1632.0	.	.	.
1618.0	.	.	.
1664.0	.	.	.
1637.0	.	.	.
1656.0	.	.	.
1650.0	.	.	.
1633.0	.	.	.
1653.0	.	.	.
1688.0	.	.	.
1674.0	.	.	.
1726.0	.	.	.
1677.0	.	.	.
1626.0	.	.	.
1680.0	.	.	.
1766.0	.	.	.
1711.0	.	.	.
1744.0	.	.	.
1645.0	.	.	.
1704.0	.	.	.
1735.0	.	.	.
1762.0	.	.	.
1694.0	.	.	.
1685.0	.	.	.
1683.0	.	.	.
1744.0	.	.	.
1675.0	.	.	.
1666.0	.	.	.
1736.0	.	.	.
1729.0	.	.	.
1724.0	.	.	.
1658.0	.	.	.
1637.0	.	.	.
1683.0	.	.	.
1732.0	.	.	.
1585.0	.	.	.
1657.0	.	.	.
1621.0	.	.	.
1586.0	.	.	.
1603.0	.	.	.
1606.0	.	.	.
1636.0	.	.	.
1622.0	.	.	.
1645.0	.	.	.
1611.0	.	.	.
1654.0	.	.	.
1649.0	.	.	.
1727.0	.	.	.
1580.0	.	.	.
1622.0	.	.	.
1616.0	.	.	.

1622.0	.	.	.
1619.0	.	.	.
1591.0	.	.	.
1615.0	.	.	.
1582.0	.	.	.
1590.0	.	.	.
1573.0	.	.	.
1566.0	.	.	.
1605.0	.	.	.
1636.0	.	.	.
1638.0	.	.	.
1639.0	.	.	.
1594.0	.	.	.
1560.0	.	.	.
1568.0	.	.	.
1556.0	.	.	.
1560.0	.	.	.
1580.0	.	.	.
1638.0	.	.	.
1594.0	.	.	.
1623.0	.	.	.
1644.0	.	.	.
1555.0	.	.	.
1614.0	.	.	.
1530.0	.	.	.
1599.0	.	.	.
1548.0	.	.	.
1607.0	.	.	.
1610.0	.	.	.
1602.0	.	.	.
1618.0	.	.	.
1581.0	.	.	.
1612.0	.	.	.
1632.0	.	.	.
1604.0	.	.	.
1626.0	.	.	.
1616.0	.	.	.
1648.0	.	.	.
1660.0	.	.	.
1666.0	.	.	.
1624.0	.	.	.
1595.0	.	.	.
1590.0	.	.	.
1592.0	.	.	.
1653.0	.	.	.
1674.0	.	.	.
1680.0	.	.	.
1627.0	.	.	.
1673.0	.	.	.
1604.0	.	.	.
1689.0	.	.	.
1710.0	.	.	.
1711.0	.	.	.
1696.0	.	.	.

1685.0	.	.	.
1697.0	.	.	.
1715.0	.	.	.
1708.0	.	.	.
1705.0	.	.	.
1695.0	.	.	.
1747.0	.	.	.
1757.0	.	.	.
1729.0	.	.	.
1696.0	.	.	.
1765.0	.	.	.
1766.0	.	.	.
1737.0	.	.	.
1752.0	.	.	.
1757.0	.	.	.
1721.0	.	.	.
1731.0	.	.	.
1749.0	.	.	.
1769.0	.	.	.
1766.0	.	.	.
1651.0	.	.	.
1727.0	.	.	.
1664.0	.	.	.
1692.0	.	.	.
1664.0	.	.	.
1665.0	.	.	.
1627.0	.	.	.
1672.0	.	.	.
1615.0	.	.	.
1648.0	.	.	.
1630.0	.	.	.
1653.0	.	.	.
1691.0	.	.	.
1633.0	.	.	.
1656.0	.	.	.
1668.0	.	.	.
1617.0	.	.	.
1673.0	.	.	.
1682.0	.	.	.
1636.0	.	.	.
1638.0	.	.	.
1666.0	.	.	.
1566.0	.	.	.
1635.0	.	.	.
1617.0	.	.	.
1607.0	.	.	.
1641.0	.	.	.
1622.0	.	.	.
1666.0	.	.	.
1640.0	.	.	.
1645.0	.	.	.
1669.0	.	.	.
1653.0	.	.	.
1611.0	.	.	.

1714.0	.	.	.
1642.0	.	.	.
1662.0	.	.	.
1649.0	.	.	.
1647.0	.	.	.
1650.0	.	.	.
1623.0	.	.	.
1673.0	.	.	.
1667.0	.	.	.
1645.0	.	.	.
1585.0	.	.	.
1608.0	.	.	.
1630.0	.	.	.
1630.0	.	.	.
1647.0	.	.	.
1646.0	.	.	.
1674.0	.	.	.
1612.0	.	.	.
1616.0	.	.	.
1604.0	.	.	.
1606.0	.	.	.
1607.0	.	.	.
1610.0	.	.	.
1631.0	.	.	.
1629.0	.	.	.
1649.0	.	.	.
1594.0	.	.	.
1643.0	.	.	.
1601.0	.	.	.
1624.0	.	.	.
1640.0	.	.	.
1672.0	.	.	.
1662.0	.	.	.
1596.0	.	.	.
1647.0	.	.	.
1648.0	.	.	.
1646.0	.	.	.
1736.0	.	.	.
1694.0	.	.	.
1649.0	.	.	.
1711.0	.	.	.
1717.0	.	.	.
1654.0	.	.	.
1666.0	.	.	.
1681.0	.	.	.
1674.0	.	.	.
1722.0	.	.	.
1681.0	.	.	.
1665.0	.	.	.
1709.0	.	.	.
1728.0	.	.	.
1668.0	.	.	.
1737.0	.	.	.
1694.0	.	.	.

1736.0	.	.	.
1745.0	.	.	.
1701.0	.	.	.
1773.0	.	.	.
1706.0	.	.	.
1739.0	.	.	.
1714.0	.	.	.
1697.0	.	.	.
1738.0	.	.	.
1727.0	.	.	.
1741.0	.	.	.
1753.0	.	.	.
1725.0	.	.	.
1696.0	.	.	.
1783.0	.	.	.
1701.0	.	.	.
1735.0	.	.	.
1734.0	.	.	.
1743.0	.	.	.
1741.0	.	.	.
1732.0	.	.	.
1752.0	.	.	.
1688.0	.	.	.
1758.0	.	.	.
1765.0	.	.	.
1750.0	.	.	.
1736.0	.	.	.
1764.0	.	.	.
1707.0	.	.	.
1725.0	.	.	.
1721.0	.	.	.
1713.0	.	.	.
1731.0	.	.	.
1705.0	.	.	.
1719.0	.	.	.
1756.0	.	.	.
1775.0	.	.	.
1805.0	.	.	.
1773.0	.	.	.
1784.0	.	.	.
1709.0	.	.	.
1741.0	.	.	.
1747.0	.	.	.
1821.0	.	.	.
1783.0	.	.	.
1814.0	.	.	.
1858.0	.	.	.
1845.0	.	.	.
1796.0	.	.	.
1832.0	.	.	.
1803.0	.	.	.
1825.0	.	.	.
1738.0	.	.	.
1749.0	.	.	.

1780.0	.	.	.
1747.0	.	.	.
1795.0	.	.	.
1807.0	.	.	.
1735.0	.	.	.
1729.0	.	.	.
1714.0	.	.	.
1725.0	.	.	.
1713.0	.	.	.
1678.0	.	.	.
1731.0	.	.	.
1688.0	.	.	.
1672.0	.	.	.
1656.0	.	.	.
1620.0	.	.	.
1674.0	.	.	.
1645.0	.	.	.
1658.0	.	.	.
1638.0	.	.	.
1580.0	.	.	.
1644.0	.	.	.
1627.0	.	.	.
1653.0	.	.	.
1608.0	.	.	.
1630.0	.	.	.
1615.0	.	.	.
1631.0	.	.	.
1638.0	.	.	.
1654.0	.	.	.
1655.0	.	.	.
1677.0	.	.	.
1716.0	.	.	.
1667.0	.	.	.
1696.0	.	.	.
1694.0	.	.	.
1688.0	.	.	.
1636.0	.	.	.
1701.0	.	.	.
1682.0	.	.	.
1609.0	.	.	.
1704.0	.	.	.
1676.0	.	.	.
1744.0	.	.	.
1676.0	.	.	.
1736.0	.	.	.
1704.0	.	.	.
1613.0	.	.	.
1709.0	.	.	.
1670.0	.	.	.
1677.0	.	.	.
1644.0	.	.	.
1615.0	.	.	.
1575.0	.	.	.
1575.0	.	.	.

1711.0	.	.	.
1657.0	.	.	.
1611.0	.	.	.
1613.0	.	.	.
1661.0	.	.	.
1642.0	.	.	.
1583.0	.	.	.
1612.0	.	.	.
1641.0	.	.	.
1610.0	.	.	.
1591.0	.	.	.
1506.0	.	.	.
1546.0	.	.	.
1537.0	.	.	.
1545.0	.	.	.
1550.0	.	.	.
1592.0	.	.	.
1549.0	.	.	.
1605.0	.	.	.
1570.0	.	.	.
1575.0	.	.	.
1577.0	.	.	.
1606.0	.	.	.
1546.0	.	.	.
1576.0	.	.	.
1560.0	.	.	.
1608.0	.	.	.
1691.0	.	.	.
1606.0	.	.	.
1556.0	.	.	.
1629.0	.	.	.
1610.0	.	.	.
1560.0	.	.	.
1579.0	.	.	.
1556.0	.	.	.
1641.0	.	.	.
1588.0	.	.	.
1552.0	.	.	.
1689.0	.	.	.
1603.0	.	.	.
1655.0	.	.	.
1594.0	.	.	.
1653.0	.	.	.
1551.0	.	.	.
1553.0	.	.	.
1575.0	.	.	.
1618.0	.	.	.
1549.0	.	.	.
1621.0	.	.	.
1604.0	.	.	.
1574.0	.	.	.
1699.0	.	.	.
1591.0	.	.	.
1636.0	.	.	.

1569.0	.	.	.
1587.0	.	.	.
1662.0	.	.	.
1649.0	.	.	.
1546.0	.	.	.
1611.0	.	.	.
1654.0	.	.	.
1506.0	.	.	.
1584.0	.	.	.
1684.0	.	.	.
1582.0	.	.	.
1646.0	.	.	.
1609.0	.	.	.
1613.0	.	.	.
1652.0	.	.	.
1641.0	.	.	.
1635.0	.	.	.
1683.0	.	.	.
1657.0	.	.	.
1680.0	.	.	.
1636.0	.	.	.
1737.0	.	.	.
1687.0	.	.	.
1647.0	.	.	.
1617.0	.	.	.
1668.0	.	.	.
1655.0	.	.	.
1708.0	.	.	.
1671.0	.	.	.
1689.0	.	.	.
1627.0	.	.	.
1673.0	.	.	.
1684.0	.	.	.
1703.0	.	.	.
1693.0	.	.	.
1603.0	.	.	.
1624.0	.	.	.
1598.0	.	.	.
1535.0	.	.	.
1536.0	.	.	.
1660.0	.	.	.
1568.0	.	.	.
1601.0	.	.	.
1553.0	.	.	.
1632.0	.	.	.
1650.0	.	.	.
1596.0	.	.	.
1584.0	.	.	.
1567.0	.	.	.
1563.0	.	.	.
1599.0	.	.	.
1504.0	.	.	.
1594.0	.	.	.
1568.0	.	.	.

1514.0	.	.	.
1551.0	.	.	.
1544.0	.	.	.
1565.0	.	.	.
1602.0	.	.	.
1509.0	.	.	.
1555.0	.	.	.
1511.0	.	.	.
1543.0	.	.	.
1524.0	.	.	.
1538.0	.	.	.
1551.0	.	.	.
1579.0	.	.	.
1557.0	.	.	.
1505.0	.	.	.
1536.0	.	.	.
1587.0	.	.	.
1592.0	.	.	.
1535.0	.	.	.
1499.0	.	.	.
1531.0	.	.	.
1485.0	.	.	.
1459.0	.	.	.
1514.0	.	.	.
1484.0	.	.	.
1505.0	.	.	.
1500.0	.	.	.
1471.0	.	.	.
1441.0	.	.	.
1495.0	.	.	.
1475.0	.	.	.
1400.0	.	.	.
1466.0	.	.	.
1498.0	.	.	.
1501.0	.	.	.
1494.0	.	.	.
1501.0	.	.	.
1525.0	.	.	.
1474.0	.	.	.
1440.0	.	.	.
1455.0	.	.	.
1492.0	.	.	.
1491.0	.	.	.
1473.0	.	.	.
1449.0	.	.	.
1528.0	.	.	.
1485.0	.	.	.
1432.0	.	.	.
1495.0	.	.	.
1468.0	.	.	.
1480.0	.	.	.
1491.0	.	.	.
1477.0	.	.	.
1498.0	.	.	.

1512.0	.	.	.
1458.0	.	.	.
1504.0	.	.	.
1486.0	.	.	.
1490.0	.	.	.
1527.0	.	.	.
1518.0	.	.	.
1543.0	.	.	.
1518.0	.	.	.
1560.0	.	.	.
1469.0	.	.	.
1530.0	.	.	.
1501.0	.	.	.
1506.0	.	.	.
1510.0	.	.	.
1477.0	.	.	.
1505.0	.	.	.
1485.0	.	.	.
1508.0	.	.	.
1558.0	.	.	.
1547.0	.	.	.
1530.0	.	.	.
1507.0	.	.	.
1539.0	.	.	.
1550.0	.	.	.
1471.0	.	.	.
1532.0	.	.	.
1547.0	.	.	.
1514.0	.	.	.
1488.0	.	.	.
1515.0	.	.	.
1534.0	.	.	.
1506.0	.	.	.
1551.0	.	.	.
1562.0	.	.	.
1570.0	.	.	.
1504.0	.	.	.
1501.0	.	.	.
1528.0	.	.	.
1549.0	.	.	.
1464.0	.	.	.
1500.0	.	.	.
1511.0	.	.	.
1560.0	.	.	.
1531.0	.	.	.
1547.0	.	.	.
1507.0	.	.	.
1548.0	.	.	.
1524.0	.	.	.
1506.0	.	.	.
1473.0	.	.	.
1506.0	.	.	.
1563.0	.	.	.
1552.0	.	.	.

1555.0	.	.	.
1524.0	.	.	.
1544.0	.	.	.
1562.0	.	.	.
1571.0	.	.	.
1597.0	.	.	.
1563.0	.	.	.
1536.0	.	.	.
1517.0	.	.	.
1542.0	.	.	.
1561.0	.	.	.
1554.0	.	.	.
1607.0	.	.	.
1539.0	.	.	.
1539.0	.	.	.
1538.0	.	.	.
1556.0	.	.	.
1556.0	.	.	.
1549.0	.	.	.
1560.0	.	.	.
1553.0	.	.	.
1582.0	.	.	.
1503.0	.	.	.
1538.0	.	.	.
1570.0	.	.	.
1548.0	.	.	.
1528.0	.	.	.
1539.0	.	.	.
1566.0	.	.	.
1558.0	.	.	.
1544.0	.	.	.
1548.0	.	.	.
1534.0	.	.	.
1512.0	.	.	.
1573.0	.	.	.
1538.0	.	.	.
1496.0	.	.	.
1533.0	.	.	.
1588.0	.	.	.
1599.0	.	.	.
1510.0	.	.	.
1532.0	.	.	.
1541.0	.	.	.
1531.0	.	.	.
1530.0	.	.	.
1513.0	.	.	.
1543.0	.	.	.
1512.0	.	.	.
1504.0	.	.	.
1528.0	.	.	.
1527.0	.	.	.
1473.0	.	.	.
1547.0	.	.	.
1526.0	.	.	.

1520.0	.	.	.
1499.0	.	.	.
1512.0	.	.	.
1493.0	.	.	.
1489.0	.	.	.
1471.0	.	.	.
1467.0	.	.	.
1508.0	.	.	.
1561.0	.	.	.
1503.0	.	.	.
1482.0	.	.	.
1496.0	.	.	.
1451.0	.	.	.
1480.0	.	.	.
1487.0	.	.	.
1468.0	.	.	.
1505.0	.	.	.
1497.0	.	.	.
1518.0	.	.	.
1400.0	.	.	.
1443.0	.	.	.
1504.0	.	.	.
1475.0	.	.	.
1491.0	.	.	.
1461.0	.	.	.
1441.0	.	.	.
1485.0	.	.	.
1510.0	.	.	.
1494.0	.	.	.
1432.0	.	.	.
1438.0	.	.	.
1490.0	.	.	.
1448.0	.	.	.
1431.0	.	.	.
1445.0	.	.	.
1493.0	.	.	.
1487.0	.	.	.
1445.0	.	.	.
1434.0	.	.	.
1446.0	.	.	.
1441.0	.	.	.
1434.0	.	.	.
1491.0	.	.	.
1455.0	.	.	.
1447.0	.	.	.
1432.0	.	.	.
1500.0	.	.	.
1450.0	.	.	.
1429.0	.	.	.
1435.0	.	.	.
1409.0	.	.	.
1476.0	.	.	.
1453.0	.	.	.
1476.0	.	.	.

1456.0	.	.	.
1464.0	.	.	.
1441.0	.	.	.
1461.0	.	.	.
1473.0	.	.	.
1455.0	.	.	.
1466.0	.	.	.
1440.0	.	.	.
1495.0	.	.	.
1478.0	.	.	.
1479.0	.	.	.
1459.0	.	.	.
1429.0	.	.	.
1454.0	.	.	.
1467.0	.	.	.
1474.0	.	.	.
1482.0	.	.	.
1514.0	.	.	.
1523.0	.	.	.
1494.0	.	.	.
1520.0	.	.	.
1522.0	.	.	.
1498.0	.	.	.
1552.0	.	.	.
1558.0	.	.	.
1513.0	.	.	.
1516.0	.	.	.
1516.0	.	.	.
1563.0	.	.	.
1507.0	.	.	.
1552.0	.	.	.
1570.0	.	.	.
1504.0	.	.	.
1611.0	.	.	.
1593.0	.	.	.
1525.0	.	.	.
1556.0	.	.	.
1560.0	.	.	.
1565.0	.	.	.
1600.0	.	.	.
1588.0	.	.	.
1559.0	.	.	.
1580.0	.	.	.
1550.0	.	.	.
1557.0	.	.	.
1569.0	.	.	.
1538.0	.	.	.
1620.0	.	.	.
1525.0	.	.	.
1582.0	.	.	.
1561.0	.	.	.
1575.0	.	.	.
1602.0	.	.	.
1532.0	.	.	.

1590.0	.	.	.
1560.0	.	.	.
1554.0	.	.	.
1523.0	.	.	.
1497.0	.	.	.
1475.0	.	.	.
1498.0	.	.	.
1579.0	.	.	.
1535.0	.	.	.
1588.0	.	.	.
1578.0	.	.	.
1475.0	.	.	.
1488.0	.	.	.
1444.0	.	.	.
1477.0	.	.	.
1518.0	.	.	.
1479.0	.	.	.
1489.0	.	.	.
1432.0	.	.	.
1485.0	.	.	.
1492.0	.	.	.
1482.0	.	.	.
1499.0	.	.	.
1492.0	.	.	.
1495.0	.	.	.
1472.0	.	.	.
1562.0	.	.	.
1460.0	.	.	.
1478.0	.	.	.
1514.0	.	.	.
1522.0	.	.	.
1524.0	.	.	.
1538.0	.	.	.
1450.0	.	.	.
1535.0	.	.	.
1424.0	.	.	.
1488.0	.	.	.
1502.0	.	.	.
1493.0	.	.	.
1485.0	.	.	.
1465.0	.	.	.
1501.0	.	.	.
1567.0	.	.	.
1569.0	.	.	.
1464.0	.	.	.
1490.0	.	.	.
1534.0	.	.	.
1559.0	.	.	.
1486.0	.	.	.
1488.0	.	.	.
1511.0	.	.	.
1479.0	.	.	.
1517.0	.	.	.
1484.0	.	.	.

1389.0	.	.	.
1413.0	.	.	.
1472.0	.	.	.
1452.0	.	.	.
1423.0	.	.	.
1404.0	.	.	.
1440.0	.	.	.
1447.0	.	.	.
1491.0	.	.	.
1407.0	.	.	.
1418.0	.	.	.
1474.0	.	.	.
1387.0	.	.	.
1463.0	.	.	.
1417.0	.	.	.
1363.0	.	.	.
1446.0	.	.	.
1420.0	.	.	.
1384.0	.	.	.
1419.0	.	.	.
1441.0	.	.	.
1395.0	.	.	.
1385.0	.	.	.
1427.0	.	.	.
1373.0	.	.	.
1417.0	.	.	.
1394.0	.	.	.
1319.0	.	.	.
1395.0	.	.	.
1343.0	.	.	.
1393.0	.	.	.
1395.0	.	.	.
1430.0	.	.	.
1433.0	.	.	.
1397.0	.	.	.
1436.0	.	.	.
1420.0	.	.	.
1404.0	.	.	.
1425.0	.	.	.
1418.0	.	.	.
1354.0	.	.	.
1472.0	.	.	.
1381.0	.	.	.
1424.0	.	.	.
1450.0	.	.	.
1455.0	.	.	.
1371.0	.	.	.
1457.0	.	.	.
1368.0	.	.	.
1423.0	.	.	.
1451.0	.	.	.
1428.0	.	.	.
1434.0	.	.	.
1483.0	.	.	.

1450.0	.	.	.
1444.0	.	.	.
1449.0	.	.	.
1424.0	.	.	.
1432.0	.	.	.
1394.0	.	.	.
1393.0	.	.	.
1533.0	.	.	.
1412.0	.	.	.
1429.0	.	.	.
1438.0	.	.	.
1407.0	.	.	.
1418.0	.	.	.
1434.0	.	.	.
1448.0	.	.	.
1390.0	.	.	.
1415.0	.	.	.
1472.0	.	.	.
1375.0	.	.	.
1434.0	.	.	.
1425.0	.	.	.
1442.0	.	.	.
1411.0	.	.	.
1443.0	.	.	.
1365.0	.	.	.
1406.0	.	.	.
1484.0	.	.	.
1452.0	.	.	.
1442.0	.	.	.
1464.0	.	.	.
1452.0	.	.	.
1431.0	.	.	.
1468.0	.	.	.
1425.0	.	.	.
1412.0	.	.	.
1457.0	.	.	.
1479.0	.	.	.
1399.0	.	.	.
1447.0	.	.	.
1415.0	.	.	.
1467.0	.	.	.
1422.0	.	.	.
1475.0	.	.	.
1412.0	.	.	.
1516.0	.	.	.
1392.0	.	.	.
1426.0	.	.	.
1405.0	.	.	.
1450.0	.	.	.
1449.0	.	.	.
1403.0	.	.	.
1376.0	.	.	.
1435.0	.	.	.
1507.0	.	.	.

1417.0	.	.	.
1483.0	.	.	.
1457.0	.	.	.
1451.0	.	.	.
1420.0	.	.	.
1391.0	.	.	.
1435.0	.	.	.
1457.0	.	.	.
1473.0	.	.	.
1421.0	.	.	.
1450.0	.	.	.
1486.0	.	.	.
1486.0	.	.	.
1399.0	.	.	.
1443.0	.	.	.
1487.0	.	.	.
1463.0	.	.	.
1454.0	.	.	.
1447.0	.	.	.
1459.0	.	.	.
1501.0	.	.	.
1477.0	.	.	.
1480.0	.	.	.
1418.0	.	.	.
1448.0	.	.	.
1412.0	.	.	.
1491.0	.	.	.
1524.0	.	.	.
1509.0	.	.	.
1468.0	.	.	.
1485.0	.	.	.
1511.0	.	.	.
1501.0	.	.	.
1508.0	.	.	.
1487.0	.	.	.
1504.0	.	.	.
1506.0	.	.	.
1523.0	.	.	.
1555.0	.	.	.
1584.0	.	.	.
1548.0	.	.	.
1521.0	.	.	.
1490.0	.	.	.
1533.0	.	.	.
1554.0	.	.	.
1536.0	.	.	.
1502.0	.	.	.
1530.0	.	.	.
1582.0	.	.	.
1537.0	.	.	.
1555.0	.	.	.
1569.0	.	.	.
1593.0	.	.	.
1530.0	.	.	.

1621.0	.	.	.
1575.0	.	.	.
1584.0	.	.	.
1605.0	.	.	.
1558.0	.	.	.
1532.0	.	.	.
1597.0	.	.	.
1623.0	.	.	.
1608.0	.	.	.
1551.0	.	.	.
1585.0	.	.	.
1591.0	.	.	.
1578.0	.	.	.
1559.0	.	.	.
1605.0	.	.	.
1626.0	.	.	.
1592.0	.	.	.
1619.0	.	.	.
1598.0	.	.	.
1587.0	.	.	.
1572.0	.	.	.
1577.0	.	.	.
1627.0	.	.	.
1604.0	.	.	.
1585.0	.	.	.
1612.0	.	.	.
1614.0	.	.	.
1591.0	.	.	.
1606.0	.	.	.
1602.0	.	.	.
1592.0	.	.	.
1543.0	.	.	.
1519.0	.	.	.
1597.0	.	.	.
1627.0	.	.	.
1589.0	.	.	.
1588.0	.	.	.
1576.0	.	.	.
1549.0	.	.	.
1563.0	.	.	.
1542.0	.	.	.
1515.0	.	.	.
1554.0	.	.	.
1501.0	.	.	.
1551.0	.	.	.
1566.0	.	.	.
1509.0	.	.	.
1464.0	.	.	.
1549.0	.	.	.
1499.0	.	.	.
1473.0	.	.	.
1536.0	.	.	.
1482.0	.	.	.
1487.0	.	.	.

1498.0	.	.	.
1454.0	.	.	.
1503.0	.	.	.
1503.0	.	.	.
1498.0	.	.	.
1494.0	.	.	.
1467.0	.	.	.
1509.0	.	.	.
1442.0	.	.	.
1483.0	.	.	.
1492.0	.	.	.
1509.0	.	.	.
1430.0	.	.	.
1489.0	.	.	.
1466.0	.	.	.
1464.0	.	.	.
1438.0	.	.	.
1440.0	.	.	.
1491.0	.	.	.
1459.0	.	.	.
1458.0	.	.	.
1493.0	.	.	.
1510.0	.	.	.
1452.0	.	.	.
1518.0	.	.	.
1445.0	.	.	.
1436.0	.	.	.
1456.0	.	.	.
1450.0	.	.	.
1483.0	.	.	.
1472.0	.	.	.
1527.0	.	.	.
1448.0	.	.	.
1463.0	.	.	.
1516.0	.	.	.
1430.0	.	.	.
1457.0	.	.	.
1475.0	.	.	.
1493.0	.	.	.
1476.0	.	.	.
1479.0	.	.	.
1527.0	.	.	.
1489.0	.	.	.
1483.0	.	.	.
1535.0	.	.	.
1529.0	.	.	.
1544.0	.	.	.
1448.0	.	.	.
1448.0	.	.	.
1488.0	.	.	.
1460.0	.	.	.
1457.0	.	.	.
1499.0	.	.	.
1476.0	.	.	.

1542.0	.	.	.
1460.0	.	.	.
1510.0	.	.	.
1509.0	.	.	.
1566.0	.	.	.
1515.0	.	.	.
1519.0	.	.	.
1504.0	.	.	.
1494.0	.	.	.
1454.0	.	.	.
1500.0	.	.	.
1556.0	.	.	.
1517.0	.	.	.
1495.0	.	.	.
1530.0	.	.	.
1561.0	.	.	.
1507.0	.	.	.
1531.0	.	.	.
1521.0	.	.	.
1492.0	.	.	.
1585.0	.	.	.
1435.0	.	.	.
1513.0	.	.	.
1494.0	.	.	.
1496.0	.	.	.
1455.0	.	.	.
1515.0	.	.	.
1467.0	.	.	.
1496.0	.	.	.
1467.0	.	.	.
1521.0	.	.	.
1517.0	.	.	.
1531.0	.	.	.
1530.0	.	.	.
1511.0	.	.	.
1551.0	.	.	.
1551.0	.	.	.
1536.0	.	.	.
1545.0	.	.	.
1533.0	.	.	.
1469.0	.	.	.
1552.0	.	.	.
1527.0	.	.	.
1534.0	.	.	.
1527.0	.	.	.
1510.0	.	.	.
1492.0	.	.	.
1462.0	.	.	.
1460.0	.	.	.
1465.0	.	.	.
1453.0	.	.	.
1525.0	.	.	.
1493.0	.	.	.
1477.0	.	.	.

1546.0	.	.	.
1423.0	.	.	.
1459.0	.	.	.
1465.0	.	.	.
1463.0	.	.	.
1483.0	.	.	.
1473.0	.	.	.
1487.0	.	.	.
1424.0	.	.	.
1471.0	.	.	.
1452.0	.	.	.
1434.0	.	.	.
1378.0	.	.	.
1427.0	.	.	.
1429.0	.	.	.
1413.0	.	.	.
1441.0	.	.	.
1500.0	.	.	.
1441.0	.	.	.
1408.0	.	.	.
1430.0	.	.	.
1442.0	.	.	.
1465.0	.	.	.
1464.0	.	.	.
1439.0	.	.	.
1418.0	.	.	.
1403.0	.	.	.
1469.0	.	.	.
1439.0	.	.	.
1372.0	.	.	.
1415.0	.	.	.
1450.0	.	.	.
1399.0	.	.	.
1429.0	.	.	.
1495.0	.	.	.
1413.0	.	.	.
1398.0	.	.	.
1440.0	.	.	.
1407.0	.	.	.
1433.0	.	.	.
1400.0	.	.	.
1426.0	.	.	.
1468.0	.	.	.
1411.0	.	.	.
1437.0	.	.	.
1377.0	.	.	.
1477.0	.	.	.
1383.0	.	.	.
1385.0	.	.	.
1422.0	.	.	.
1513.0	.	.	.
1486.0	.	.	.
1442.0	.	.	.
1499.0	.	.	.

1519.0	.	.	.
1440.0	.	.	.
1498.0	.	.	.
1454.0	.	.	.
1447.0	.	.	.
1482.0	.	.	.
1526.0	.	.	.
1576.0	.	.	.
1504.0	.	.	.
1487.0	.	.	.
1518.0	.	.	.
1481.0	.	.	.
1495.0	.	.	.
1573.0	.	.	.
1544.0	.	.	.
1467.0	.	.	.
1503.0	.	.	.
1497.0	.	.	.
1533.0	.	.	.
1529.0	.	.	.
1501.0	.	.	.
1518.0	.	.	.
1471.0	.	.	.
1454.0	.	.	.
1465.0	.	.	.
1448.0	.	.	.
1495.0	.	.	.
1457.0	.	.	.
1430.0	.	.	.
1518.0	.	.	.
1515.0	.	.	.
1505.0	.	.	.
1526.0	.	.	.
1394.0	.	.	.
1512.0	.	.	.
1493.0	.	.	.
1452.0	.	.	.
1493.0	.	.	.
1526.0	.	.	.
1544.0	.	.	.
1526.0	.	.	.
1433.0	.	.	.
1540.0	.	.	.
1501.0	.	.	.
1437.0	.	.	.
1417.0	.	.	.
1396.0	.	.	.
1433.0	.	.	.
1462.0	.	.	.
1443.0	.	.	.
1450.0	.	.	.
1483.0	.	.	.
1460.0	.	.	.
1447.0	.	.	.

1394.0	.	.	.
1467.0	.	.	.
1454.0	.	.	.
1463.0	.	.	.
1446.0	.	.	.
1532.0	.	.	.
1480.0	.	.	.
1442.0	.	.	.
1409.0	.	.	.
1389.0	.	.	.
1427.0	.	.	.
1371.0	.	.	.
1507.0	.	.	.
1472.0	.	.	.
1471.0	.	.	.
1443.0	.	.	.
1392.0	.	.	.
1423.0	.	.	.
1441.0	.	.	.
1405.0	.	.	.
1420.0	.	.	.
1501.0	.	.	.
1448.0	.	.	.
1523.0	.	.	.
1401.0	.	.	.
1486.0	.	.	.
1413.0	.	.	.
1453.0	.	.	.
1337.0	.	.	.
1467.0	.	.	.
1408.0	.	.	.
1442.0	.	.	.
1404.0	.	.	.
1292.0	.	.	.
1435.0	.	.	.
1404.0	.	.	.
1417.0	.	.	.
1392.0	.	.	.
1358.0	.	.	.
1387.0	.	.	.
1342.0	.	.	.
1370.0	.	.	.
1434.0	.	.	.
1393.0	.	.	.
1372.0	.	.	.
1484.0	.	.	.
1411.0	.	.	.
1435.0	.	.	.
1415.0	.	.	.
1397.0	.	.	.
1400.0	.	.	.
1407.0	.	.	.
1482.0	.	.	.
1426.0	.	.	.

1496.0	.	.	.
1433.0	.	.	.
1421.0	.	.	.
1416.0	.	.	.
1473.0	.	.	.
1448.0	.	.	.
1453.0	.	.	.
1489.0	.	.	.
1456.0	.	.	.
1472.0	.	.	.
1450.0	.	.	.
1394.0	.	.	.
1454.0	.	.	.
1419.0	.	.	.
1536.0	.	.	.
1434.0	.	.	.
1414.0	.	.	.
1447.0	.	.	.
1451.0	.	.	.
1426.0	.	.	.
1482.0	.	.	.
1503.0	.	.	.
1474.0	.	.	.
1487.0	.	.	.
1379.0	.	.	.
1387.0	.	.	.
1462.0	.	.	.
1455.0	.	.	.
1456.0	.	.	.
1458.0	.	.	.
1460.0	.	.	.
1404.0	.	.	.
1454.0	.	.	.
1420.0	.	.	.
1470.0	.	.	.
1488.0	.	.	.
1474.0	.	.	.
1470.0	.	.	.
1459.0	.	.	.
1487.0	.	.	.
1451.0	.	.	.
1465.0	.	.	.
1481.0	.	.	.
1479.0	.	.	.
1490.0	.	.	.
1417.0	.	.	.
1449.0	.	.	.
1481.0	.	.	.
1490.0	.	.	.
1491.0	.	.	.
1429.0	.	.	.
1427.0	.	.	.
1454.0	.	.	.
1463.0	.	.	.

1448.0	.	.	.
1438.0	.	.	.
1460.0	.	.	.
1452.0	.	.	.
1424.0	.	.	.
1480.0	.	.	.
1418.0	.	.	.
1414.0	.	.	.
1501.0	.	.	.
1480.0	.	.	.
1475.0	.	.	.
1502.0	.	.	.
1501.0	.	.	.
1441.0	.	.	.
1493.0	.	.	.
1498.0	.	.	.
1485.0	.	.	.
1522.0	.	.	.
1449.0	.	.	.
1511.0	.	.	.
1504.0	.	.	.
1525.0	.	.	.
1534.0	.	.	.
1534.0	.	.	.
1488.0	.	.	.
1489.0	.	.	.
1526.0	.	.	.
1519.0	.	.	.
1569.0	.	.	.
1493.0	.	.	.
1508.0	.	.	.
1520.0	.	.	.
1542.0	.	.	.
1489.0	.	.	.
1479.0	.	.	.
1492.0	.	.	.
1543.0	.	.	.
1513.0	.	.	.
1499.0	.	.	.
1458.0	.	.	.
1521.0	.	.	.
1501.0	.	.	.
1479.0	.	.	.
1489.0	.	.	.
1493.0	.	.	.
1502.0	.	.	.
1491.0	.	.	.
1441.0	.	.	.
1504.0	.	.	.
1492.0	.	.	.
1454.0	.	.	.
1502.0	.	.	.
1486.0	.	.	.
1479.0	.	.	.

1444.0	.	.	.
1460.0	.	.	.
1458.0	.	.	.
1451.0	.	.	.
1470.0	.	.	.
1514.0	.	.	.
1497.0	.	.	.
1471.0	.	.	.
1474.0	.	.	.
1480.0	.	.	.
1492.0	.	.	.
1415.0	.	.	.
1443.0	.	.	.
1449.0	.	.	.
1482.0	.	.	.
1463.0	.	.	.
1465.0	.	.	.
1473.0	.	.	.
1466.0	.	.	.
1461.0	.	.	.
1505.0	.	.	.
1463.0	.	.	.
1502.0	.	.	.
1494.0	.	.	.
1522.0	.	.	.
1556.0	.	.	.
1483.0	.	.	.
1561.0	.	.	.
1521.0	.	.	.
1496.0	.	.	.
1529.0	.	.	.
1506.0	.	.	.
1513.0	.	.	.
1541.0	.	.	.
1550.0	.	.	.
1521.0	.	.	.
1536.0	.	.	.
1518.0	.	.	.
1558.0	.	.	.
1534.0	.	.	.
1543.0	.	.	.
1560.0	.	.	.
1544.0	.	.	.
1584.0	.	.	.
1578.0	.	.	.
1615.0	.	.	.
1626.0	.	.	.
1590.0	.	.	.
1638.0	.	.	.
1580.0	.	.	.
1641.0	.	.	.
1661.0	.	.	.
1648.0	.	.	.
1623.0	.	.	.

1660.0	.	.	.
1675.0	.	.	.
1717.0	.	.	.
1702.0	.	.	.
1699.0	.	.	.
1704.0	.	.	.
1737.0	.	.	.
1716.0	.	.	.
1706.0	.	.	.
1729.0	.	.	.
1727.0	.	.	.
1756.0	.	.	.
1719.0	.	.	.
1679.0	.	.	.
1719.0	.	.	.
1716.0	.	.	.
1737.0	.	.	.
1739.0	.	.	.
1709.0	.	.	.
1732.0	.	.	.
1743.0	.	.	.
1709.0	.	.	.
1729.0	.	.	.
1711.0	.	.	.
1723.0	.	.	.
1737.0	.	.	.
1732.0	.	.	.
1760.0	.	.	.
1800.0	.	.	.
1745.0	.	.	.
1748.0	.	.	.
1800.0	.	.	.
1709.0	.	.	.
1792.0	.	.	.
1730.0	.	.	.
1780.0	.	.	.
1773.0	.	.	.
1779.0	.	.	.
1723.0	.	.	.
1775.0	.	.	.
1789.0	.	.	.
1732.0	.	.	.
1734.0	.	.	.
1672.0	.	.	.
1708.0	.	.	.
1662.0	.	.	.
1666.0	.	.	.
1675.0	.	.	.
1655.0	.	.	.
1717.0	.	.	.
1655.0	.	.	.
1683.0	.	.	.
1628.0	.	.	.
1649.0	.	.	.

1572.0	.	.	.
1537.0	.	.	.
1600.0	.	.	.
1605.0	.	.	.
1569.0	.	.	.
1615.0	.	.	.
1632.0	.	.	.
1641.0	.	.	.
1594.0	.	.	.
1561.0	.	.	.
1585.0	.	.	.
1585.0	.	.	.
1540.0	.	.	.
1549.0	.	.	.
1562.0	.	.	.
1555.0	.	.	.
1550.0	.	.	.
1546.0	.	.	.
1555.0	.	.	.
1555.0	.	.	.
1622.0	.	.	.
1552.0	.	.	.
1584.0	.	.	.
1560.0	.	.	.
1559.0	.	.	.
1504.0	.	.	.
1614.0	.	.	.
1606.0	.	.	.
1569.0	.	.	.
1552.0	.	.	.
1608.0	.	.	.
1539.0	.	.	.
1522.0	.	.	.
1576.0	.	.	.
1554.0	.	.	.
1552.0	.	.	.
1522.0	.	.	.
1608.0	.	.	.
1561.0	.	.	.
1539.0	.	.	.
1577.0	.	.	.
1536.0	.	.	.
1530.0	.	.	.
1588.0	.	.	.
1489.0	.	.	.
1537.0	.	.	.
1504.0	.	.	.
1500.0	.	.	.
1583.0	.	.	.
1546.0	.	.	.
1494.0	.	.	.
1536.0	.	.	.
1528.0	.	.	.
1519.0	.	.	.

1495.0	.	.	.
1462.0	.	.	.
1478.0	.	.	.
1540.0	.	.	.
1581.0	.	.	.
1439.0	.	.	.
1520.0	.	.	.
1489.0	.	.	.
1484.0	.	.	.
1526.0	.	.	.
1465.0	.	.	.
1435.0	.	.	.
1533.0	.	.	.
1401.0	.	.	.
1460.0	.	.	.
1444.0	.	.	.
1506.0	.	.	.
1462.0	.	.	.
1519.0	.	.	.
1462.0	.	.	.
1523.0	.	.	.
1452.0	.	.	.
1393.0	.	.	.
1430.0	.	.	.
1414.0	.	.	.
1416.0	.	.	.
1450.0	.	.	.
1416.0	.	.	.
1435.0	.	.	.
1454.0	.	.	.
1447.0	.	.	.
1450.0	.	.	.
1461.0	.	.	.
1521.0	.	.	.
1418.0	.	.	.
1500.0	.	.	.
1427.0	.	.	.
1475.0	.	.	.
1434.0	.	.	.
1445.0	.	.	.
1401.0	.	.	.
1478.0	.	.	.
1478.0	.	.	.
1405.0	.	.	.
1484.0	.	.	.
1456.0	.	.	.
1504.0	.	.	.
1462.0	.	.	.
1329.0	.	.	.
1421.0	.	.	.
1437.0	.	.	.
1438.0	.	.	.
1522.0	.	.	.
1497.0	.	.	.

1468.0	.	.	.
1495.0	.	.	.
1480.0	.	.	.
1514.0	.	.	.
1457.0	.	.	.
1465.0	.	.	.
1464.0	.	.	.
1510.0	.	.	.
1492.0	.	.	.
1506.0	.	.	.
1579.0	.	.	.
1488.0	.	.	.
1493.0	.	.	.
1490.0	.	.	.
1575.0	.	.	.
1523.0	.	.	.
1493.0	.	.	.
1518.0	.	.	.
1499.0	.	.	.
1566.0	.	.	.
1544.0	.	.	.
1485.0	.	.	.
1476.0	.	.	.
1507.0	.	.	.
1596.0	.	.	.
1568.0	.	.	.
1468.0	.	.	.
1549.0	.	.	.
1497.0	.	.	.
1472.0	.	.	.
1511.0	.	.	.
1542.0	.	.	.
1535.0	.	.	.
1454.0	.	.	.
1490.0	.	.	.
1523.0	.	.	.
1508.0	.	.	.
1533.0	.	.	.
1551.0	.	.	.
1460.0	.	.	.
1429.0	.	.	.
1554.0	.	.	.
1506.0	.	.	.
1481.0	.	.	.
1527.0	.	.	.
1536.0	.	.	.
1454.0	.	.	.
1530.0	.	.	.
1496.0	.	.	.
1468.0	.	.	.
1278.0	.	.	.
1458.0	.	.	.
1492.0	.	.	.
1498.0	.	.	.

1520.0	.	.	.
1445.0	.	.	.
1501.0	.	.	.
1456.0	.	.	.
1488.0	.	.	.
1367.0	.	.	.
1375.0	.	.	.
1444.0	.	.	.
1445.0	.	.	.
1508.0	.	.	.
1442.0	.	.	.
1500.0	.	.	.
1438.0	.	.	.
1452.0	.	.	.
1425.0	.	.	.
1520.0	.	.	.
1410.0	.	.	.
1396.0	.	.	.
1456.0	.	.	.
1392.0	.	.	.
1448.0	.	.	.
1462.0	.	.	.
1468.0	.	.	.
1504.0	.	.	.
1481.0	.	.	.
1402.0	.	.	.
1469.0	.	.	.
1445.0	.	.	.
1418.0	.	.	.
1442.0	.	.	.
1403.0	.	.	.
1479.0	.	.	.
1456.0	.	.	.
1433.0	.	.	.
1458.0	.	.	.
1423.0	.	.	.
1464.0	.	.	.
1457.0	.	.	.
1438.0	.	.	.
1442.0	.	.	.
1471.0	.	.	.
1490.0	.	.	.
1415.0	.	.	.
1429.0	.	.	.
1483.0	.	.	.
1467.0	.	.	.
1472.0	.	.	.
1459.0	.	.	.
1489.0	.	.	.
1535.0	.	.	.
1489.0	.	.	.
1518.0	.	.	.
1395.0	.	.	.
1499.0	.	.	.

1488.0	.	.	.
1506.0	.	.	.
1474.0	.	.	.
1422.0	.	.	.
1434.0	.	.	.
1396.0	.	.	.
1473.0	.	.	.
1471.0	.	.	.
1484.0	.	.	.
1420.0	.	.	.
1424.0	.	.	.
1458.0	.	.	.
1478.0	.	.	.
1408.0	.	.	.
1438.0	.	.	.
1449.0	.	.	.
1443.0	.	.	.
1472.0	.	.	.
1455.0	.	.	.
1424.0	.	.	.
1420.0	.	.	.
1476.0	.	.	.
1417.0	.	.	.
1428.0	.	.	.
1486.0	.	.	.
1390.0	.	.	.
1439.0	.	.	.
1402.0	.	.	.
1405.0	.	.	.
1435.0	.	.	.
1409.0	.	.	.
1456.0	.	.	.
1382.0	.	.	.
1402.0	.	.	.
1431.0	.	.	.
1411.0	.	.	.
1364.0	.	.	.
1413.0	.	.	.
1452.0	.	.	.
1458.0	.	.	.
1416.0	.	.	.
1366.0	.	.	.
1403.0	.	.	.
1383.0	.	.	.
1402.0	.	.	.
1421.0	.	.	.
1386.0	.	.	.
1416.0	.	.	.
1443.0	.	.	.
1426.0	.	.	.
1454.0	.	.	.
1409.0	.	.	.
1438.0	.	.	.
1453.0	.	.	.

1410.0	.	.	.
1410.0	.	.	.
1444.0	.	.	.
1453.0	.	.	.
1409.0	.	.	.
1439.0	.	.	.
1451.0	.	.	.
1474.0	.	.	.
1445.0	.	.	.
1447.0	.	.	.
1417.0	.	.	.
1401.0	.	.	.
1381.0	.	.	.
1403.0	.	.	.
1424.0	.	.	.
1447.0	.	.	.
1408.0	.	.	.
1422.0	.	.	.
1494.0	.	.	.
1428.0	.	.	.
1450.0	.	.	.
1468.0	.	.	.
1444.0	.	.	.
1437.0	.	.	.
1425.0	.	.	.
1446.0	.	.	.
1443.0	.	.	.
1450.0	.	.	.
1425.0	.	.	.
1422.0	.	.	.
1435.0	.	.	.
1443.0	.	.	.
1438.0	.	.	.
1387.0	.	.	.
1464.0	.	.	.
1423.0	.	.	.
1449.0	.	.	.
1393.0	.	.	.
1437.0	.	.	.
1422.0	.	.	.
1416.0	.	.	.
1402.0	.	.	.
1416.0	.	.	.
1368.0	.	.	.
1355.0	.	.	.
1402.0	.	.	.
1428.0	.	.	.
1395.0	.	.	.
1386.0	.	.	.
1458.0	.	.	.
1350.0	.	.	.
1372.0	.	.	.
1420.0	.	.	.
1404.0	.	.	.

1353.0	.	.	.
1374.0	.	.	.
1422.0	.	.	.
1374.0	.	.	.
1412.0	.	.	.
1384.0	.	.	.
1395.0	.	.	.
1391.0	.	.	.
1402.0	.	.	.
1380.0	.	.	.
1374.0	.	.	.
1405.0	.	.	.
1394.0	.	.	.
1397.0	.	.	.
1431.0	.	.	.
1412.0	.	.	.
1386.0	.	.	.
1336.0	.	.	.
1368.0	.	.	.
1372.0	.	.	.
1406.0	.	.	.
1396.0	.	.	.
1429.0	.	.	.
1393.0	.	.	.
1396.0	.	.	.
1415.0	.	.	.
1400.0	.	.	.
1416.0	.	.	.
1383.0	.	.	.
1349.0	.	.	.
1366.0	.	.	.
1422.0	.	.	.
1405.0	.	.	.
1427.0	.	.	.
1409.0	.	.	.
1388.0	.	.	.
1431.0	.	.	.
1414.0	.	.	.
1391.0	.	.	.
1409.0	.	.	.
1393.0	.	.	.
1382.0	.	.	.
1439.0	.	.	.
1395.0	.	.	.
1406.0	.	.	.
1423.0	.	.	.
1453.0	.	.	.
1445.0	.	.	.
1492.0	.	.	.
1457.0	.	.	.
1384.0	.	.	.
1456.0	.	.	.
1488.0	.	.	.
1397.0	.	.	.

1465.0	.	.	.
1432.0	.	.	.
1431.0	.	.	.
1437.0	.	.	.
1433.0	.	.	.
1434.0	.	.	.
1406.0	.	.	.
1463.0	.	.	.
1447.0	.	.	.
1448.0	.	.	.
1423.0	.	.	.
1421.0	.	.	.
1415.0	.	.	.
1431.0	.	.	.
1435.0	.	.	.
1417.0	.	.	.
1386.0	.	.	.
1408.0	.	.	.
1458.0	.	.	.
1430.0	.	.	.
1380.0	.	.	.
1391.0	.	.	.
1420.0	.	.	.
1386.0	.	.	.
1384.0	.	.	.
1385.0	.	.	.
1365.0	.	.	.
1435.0	.	.	.
1405.0	.	.	.
1399.0	.	.	.
1395.0	.	.	.
1392.0	.	.	.
1353.0	.	.	.
1339.0	.	.	.
1395.0	.	.	.
1392.0	.	.	.
1345.0	.	.	.
1371.0	.	.	.
1350.0	.	.	.
1374.0	.	.	.
1381.0	.	.	.
1387.0	.	.	.
1328.0	.	.	.
1370.0	.	.	.
1389.0	.	.	.
1421.0	.	.	.
1392.0	.	.	.
1354.0	.	.	.
1354.0	.	.	.
1382.0	.	.	.
1383.0	.	.	.
1389.0	.	.	.
1344.0	.	.	.
1388.0	.	.	.

1376.0	.	.	.
1362.0	.	.	.
1322.0	.	.	.
1353.0	.	.	.
1345.0	.	.	.
1356.0	.	.	.
1380.0	.	.	.
1341.0	.	.	.
1306.0	.	.	.
1361.0	.	.	.
1346.0	.	.	.
1343.0	.	.	.
1375.0	.	.	.
1329.0	.	.	.
1306.0	.	.	.
1402.0	.	.	.
1379.0	.	.	.
1360.0	.	.	.
1381.0	.	.	.
1389.0	.	.	.
1364.0	.	.	.
1418.0	.	.	.
1366.0	.	.	.
1378.0	.	.	.
1478.0	.	.	.
1434.0	.	.	.
1423.0	.	.	.
1364.0	.	.	.
1388.0	.	.	.
1407.0	.	.	.
1400.0	.	.	.
1385.0	.	.	.
1359.0	.	.	.
1351.0	.	.	.
1429.0	.	.	.
1395.0	.	.	.
1359.0	.	.	.
1422.0	.	.	.
1424.0	.	.	.
1373.0	.	.	.
1432.0	.	.	.
1334.0	.	.	.
1388.0	.	.	.
1397.0	.	.	.
1367.0	.	.	.
1387.0	.	.	.
1432.0	.	.	.
1399.0	.	.	.
1383.0	.	.	.
1505.0	.	.	.
1415.0	.	.	.
1370.0	.	.	.
1482.0	.	.	.
1380.0	.	.	.

1419.0	.	.	.
1522.0	.	.	.
1484.0	.	.	.
1531.0	.	.	.
1432.0	.	.	.
1516.0	.	.	.
1456.0	.	.	.
1444.0	.	.	.
1538.0	.	.	.
1448.0	.	.	.
1478.0	.	.	.
1511.0	.	.	.
1449.0	.	.	.
1464.0	.	.	.
1530.0	.	.	.
1535.0	.	.	.
1540.0	.	.	.
1522.0	.	.	.
1462.0	.	.	.
1530.0	.	.	.
1572.0	.	.	.
1503.0	.	.	.
1533.0	.	.	.
1499.0	.	.	.
1502.0	.	.	.
1522.0	.	.	.
1534.0	.	.	.
1573.0	.	.	.
1460.0	.	.	.
1499.0	.	.	.
1436.0	.	.	.
1486.0	.	.	.
1531.0	.	.	.
1452.0	.	.	.
1445.0	.	.	.
1510.0	.	.	.
1477.0	.	.	.
1535.0	.	.	.
1428.0	.	.	.
1485.0	.	.	.
1483.0	.	.	.
1356.0	.	.	.
1531.0	.	.	.
1440.0	.	.	.
1476.0	.	.	.
1451.0	.	.	.
1467.0	.	.	.
1349.0	.	.	.
1507.0	.	.	.
1452.0	.	.	.
1476.0	.	.	.
1450.0	.	.	.
1387.0	.	.	.
1467.0	.	.	.

1457.0	.	.	.
1480.0	.	.	.
1482.0	.	.	.
1400.0	.	.	.
1330.0	.	.	.
1379.0	.	.	.
1413.0	.	.	.
1418.0	.	.	.
1422.0	.	.	.
1454.0	.	.	.
1398.0	.	.	.
1465.0	.	.	.
1397.0	.	.	.
1469.0	.	.	.
1371.0	.	.	.
1482.0	.	.	.
1362.0	.	.	.
1359.0	.	.	.
1389.0	.	.	.
1470.0	.	.	.
1445.0	.	.	.
1448.0	.	.	.
1418.0	.	.	.
1390.0	.	.	.
1393.0	.	.	.
1471.0	.	.	.
1439.0	.	.	.
1414.0	.	.	.
1406.0	.	.	.
1417.0	.	.	.
1487.0	.	.	.
1439.0	.	.	.
1428.0	.	.	.
1434.0	.	.	.
1458.0	.	.	.
1384.0	.	.	.
1411.0	.	.	.
1435.0	.	.	.
1504.0	.	.	.
1405.0	.	.	.
1409.0	.	.	.
1466.0	.	.	.
1420.0	.	.	.
1457.0	.	.	.
1498.0	.	.	.
1453.0	.	.	.
1470.0	.	.	.
1520.0	.	.	.
1489.0	.	.	.
1563.0	.	.	.
1532.0	.	.	.
1485.0	.	.	.
1493.0	.	.	.
1516.0	.	.	.

1507.0	.	.	.
1439.0	.	.	.
1461.0	.	.	.
1528.0	.	.	.
1481.0	.	.	.
1539.0	.	.	.
1507.0	.	.	.
1496.0	.	.	.
1545.0	.	.	.
1546.0	.	.	.
1547.0	.	.	.
1408.0	.	.	.
1515.0	.	.	.
1503.0	.	.	.
1529.0	.	.	.
1531.0	.	.	.
1526.0	.	.	.
1493.0	.	.	.
1531.0	.	.	.
1493.0	.	.	.
1511.0	.	.	.
1524.0	.	.	.
1532.0	.	.	.
1571.0	.	.	.
1561.0	.	.	.
1500.0	.	.	.
1511.0	.	.	.
1495.0	.	.	.
1574.0	.	.	.
1547.0	.	.	.
1511.0	.	.	.
1513.0	.	.	.
1562.0	.	.	.
1581.0	.	.	.
1522.0	.	.	.
1532.0	.	.	.
1551.0	.	.	.
1570.0	.	.	.
1566.0	.	.	.
1566.0	.	.	.
1535.0	.	.	.
1539.0	.	.	.
1485.0	.	.	.
1470.0	.	.	.
1554.0	.	.	.
1535.0	.	.	.
1560.0	.	.	.
1527.0	.	.	.
1509.0	.	.	.
1544.0	.	.	.
1567.0	.	.	.
1551.0	.	.	.
1563.0	.	.	.
1527.0	.	.	.

1547.0	.	.	.
1534.0	.	.	.
1545.0	.	.	.
1545.0	.	.	.
1566.0	.	.	.
1565.0	.	.	.
1577.0	.	.	.
1588.0	.	.	.
1557.0	.	.	.
1607.0	.	.	.
1640.0	.	.	.
1629.0	.	.	.
1598.0	.	.	.
1619.0	.	.	.
1621.0	.	.	.
1609.0	.	.	.
1617.0	.	.	.
1622.0	.	.	.
1614.0	.	.	.
1642.0	.	.	.
1594.0	.	.	.
1643.0	.	.	.
1637.0	.	.	.
1639.0	.	.	.
1651.0	.	.	.
1638.0	.	.	.
1683.0	.	.	.
1609.0	.	.	.
1641.0	.	.	.
1625.0	.	.	.
1643.0	.	.	.
1643.0	.	.	.
1653.0	.	.	.
1674.0	.	.	.
1637.0	.	.	.
1659.0	.	.	.
1683.0	.	.	.
1610.0	.	.	.
1671.0	.	.	.
1695.0	.	.	.
1691.0	.	.	.
1666.0	.	.	.
1680.0	.	.	.
1702.0	.	.	.
1647.0	.	.	.
1626.0	.	.	.
1739.0	.	.	.
1624.0	.	.	.
1666.0	.	.	.
1698.0	.	.	.
1644.0	.	.	.
1676.0	.	.	.
1709.0	.	.	.
1633.0	.	.	.

1697.0	.	.	.
1685.0	.	.	.
1697.0	.	.	.
1631.0	.	.	.
1648.0	.	.	.
1632.0	.	.	.
1593.0	.	.	.
1596.0	.	.	.
1607.0	.	.	.
1595.0	.	.	.
1614.0	.	.	.
1649.0	.	.	.
1651.0	.	.	.
1638.0	.	.	.
1596.0	.	.	.
1631.0	.	.	.
1610.0	.	.	.
1646.0	.	.	.
1639.0	.	.	.
1566.0	.	.	.
1609.0	.	.	.
1686.0	.	.	.
1555.0	.	.	.
1591.0	.	.	.
1589.0	.	.	.
1592.0	.	.	.
1574.0	.	.	.
1653.0	.	.	.
1631.0	.	.	.
1570.0	.	.	.
1604.0	.	.	.
1527.0	.	.	.
1549.0	.	.	.
1621.0	.	.	.
1606.0	.	.	.
1611.0	.	.	.
1557.0	.	.	.
1534.0	.	.	.
1587.0	.	.	.
1513.0	.	.	.
1563.0	.	.	.
1519.0	.	.	.
1584.0	.	.	.
1557.0	.	.	.
1547.0	.	.	.
1508.0	.	.	.
1581.0	.	.	.
1614.0	.	.	.
1549.0	.	.	.
1600.0	.	.	.
1591.0	.	.	.
1558.0	.	.	.
1586.0	.	.	.
1507.0	.	.	.

1564.0	.	.	.
1592.0	.	.	.
1592.0	.	.	.
1558.0	.	.	.
1518.0	.	.	.
1611.0	.	.	.
1564.0	.	.	.
1548.0	.	.	.
1569.0	.	.	.
1563.0	.	.	.
1530.0	.	.	.
1590.0	.	.	.
1563.0	.	.	.
1565.0	.	.	.
1576.0	.	.	.
1532.0	.	.	.
1604.0	.	.	.
1573.0	.	.	.
1599.0	.	.	.
1547.0	.	.	.
1546.0	.	.	.
1547.0	.	.	.
1535.0	.	.	.
1574.0	.	.	.
1568.0	.	.	.
1558.0	.	.	.
1653.0	.	.	.
1595.0	.	.	.
1610.0	.	.	.
1607.0	.	.	.
1605.0	.	.	.
1611.0	.	.	.
1597.0	.	.	.
1596.0	.	.	.
1649.0	.	.	.
1576.0	.	.	.
1532.0	.	.	.
1609.0	.	.	.
1567.0	.	.	.
1562.0	.	.	.
1659.0	.	.	.
1662.0	.	.	.
1685.0	.	.	.
1639.0	.	.	.
1620.0	.	.	.
1620.0	.	.	.
1653.0	.	.	.
1577.0	.	.	.
1629.0	.	.	.
1655.0	.	.	.
1634.0	.	.	.
1613.0	.	.	.
1615.0	.	.	.
1623.0	.	.	.

1662.0	.	.	.
1662.0	.	.	.
1691.0	.	.	.
1675.0	.	.	.
1626.0	.	.	.
1623.0	.	.	.
1668.0	.	.	.
1648.0	.	.	.
1632.0	.	.	.
1627.0	.	.	.
1640.0	.	.	.
1602.0	.	.	.
1652.0	.	.	.
1622.0	.	.	.
1635.0	.	.	.
1648.0	.	.	.
1605.0	.	.	.
1644.0	.	.	.
1653.0	.	.	.
1651.0	.	.	.
1665.0	.	.	.
1633.0	.	.	.
1564.0	.	.	.
1556.0	.	.	.
1571.0	.	.	.
1583.0	.	.	.
1605.0	.	.	.
1586.0	.	.	.
1594.0	.	.	.
1610.0	.	.	.
1584.0	.	.	.
1577.0	.	.	.
1608.0	.	.	.
1582.0	.	.	.
1578.0	.	.	.
1604.0	.	.	.
1606.0	.	.	.
1578.0	.	.	.
1558.0	.	.	.
1574.0	.	.	.
1571.0	.	.	.
1568.0	.	.	.
1580.0	.	.	.
1472.0	.	.	.
1451.0	.	.	.
1581.0	.	.	.
1629.0	.	.	.
1574.0	.	.	.
1526.0	.	.	.
1515.0	.	.	.
1644.0	.	.	.
1633.0	.	.	.
1570.0	.	.	.
1519.0	.	.	.

1535.0	.	.	.
1559.0	.	.	.
1549.0	.	.	.
1550.0	.	.	.
1559.0	.	.	.
1674.0	.	.	.
1587.0	.	.	.
1574.0	.	.	.
1608.0	.	.	.
1579.0	.	.	.
1590.0	.	.	.
1556.0	.	.	.
1551.0	.	.	.
1560.0	.	.	.
1524.0	.	.	.
1503.0	.	.	.
1584.0	.	.	.
1571.0	.	.	.
1648.0	.	.	.
1598.0	.	.	.
1609.0	.	.	.
1559.0	.	.	.
1575.0	.	.	.
1589.0	.	.	.
1591.0	.	.	.
1647.0	.	.	.
1622.0	.	.	.
1629.0	.	.	.
1590.0	.	.	.
1733.0	.	.	.
1667.0	.	.	.
1635.0	.	.	.
1658.0	.	.	.
1720.0	.	.	.
1662.0	.	.	.
1631.0	.	.	.
1690.0	.	.	.
1662.0	.	.	.
1567.0	.	.	.
1583.0	.	.	.
1622.0	.	.	.
1638.0	.	.	.
1603.0	.	.	.
1645.0	.	.	.
1646.0	.	.	.
1621.0	.	.	.
1654.0	.	.	.
1607.0	.	.	.
1612.0	.	.	.
1615.0	.	.	.
1574.0	.	.	.
1561.0	.	.	.
1559.0	.	.	.
1651.0	.	.	.

1634.0	.	.	.
1687.0	.	.	.
1656.0	.	.	.
1575.0	.	.	.
1601.0	.	.	.
1546.0	.	.	.
1676.0	.	.	.
1600.0	.	.	.
1616.0	.	.	.
1602.0	.	.	.
1623.0	.	.	.
1668.0	.	.	.
1583.0	.	.	.
1554.0	.	.	.
1589.0	.	.	.
1579.0	.	.	.
1603.0	.	.	.
1587.0	.	.	.
1635.0	.	.	.
1558.0	.	.	.
1564.0	.	.	.
1571.0	.	.	.
1609.0	.	.	.
1634.0	.	.	.
1607.0	.	.	.
1528.0	.	.	.
1557.0	.	.	.
1635.0	.	.	.
1612.0	.	.	.
1606.0	.	.	.
1618.0	.	.	.
1676.0	.	.	.
1497.0	.	.	.
1572.0	.	.	.
1549.0	.	.	.
1574.0	.	.	.
1605.0	.	.	.
1494.0	.	.	.
1557.0	.	.	.
1525.0	.	.	.
1465.0	.	.	.
1530.0	.	.	.
1583.0	.	.	.
1557.0	.	.	.
1574.0	.	.	.
1543.0	.	.	.
1506.0	.	.	.
1524.0	.	.	.
1572.0	.	.	.
1532.0	.	.	.
1438.0	.	.	.
1551.0	.	.	.
1607.0	.	.	.
1496.0	.	.	.

1477.0	.	.	.
1539.0	.	.	.
1600.0	.	.	.
1520.0	.	.	.
1535.0	.	.	.
1476.0	.	.	.
1524.0	.	.	.
1538.0	.	.	.
1492.0	.	.	.
1495.0	.	.	.
1504.0	.	.	.
1545.0	.	.	.
1447.0	.	.	.
1516.0	.	.	.
1461.0	.	.	.
1547.0	.	.	.
1503.0	.	.	.
1580.0	.	.	.
1553.0	.	.	.
1532.0	.	.	.
1517.0	.	.	.
1518.0	.	.	.
1559.0	.	.	.
1538.0	.	.	.
1493.0	.	.	.
1564.0	.	.	.
1548.0	.	.	.
1518.0	.	.	.
1580.0	.	.	.
1527.0	.	.	.
1560.0	.	.	.
1563.0	.	.	.
1554.0	.	.	.
1560.0	.	.	.
1465.0	.	.	.
1540.0	.	.	.
1527.0	.	.	.
1557.0	.	.	.
1527.0	.	.	.
1593.0	.	.	.
1521.0	.	.	.
1546.0	.	.	.
1486.0	.	.	.
1525.0	.	.	.
1520.0	.	.	.
1544.0	.	.	.
1512.0	.	.	.
1543.0	.	.	.
1561.0	.	.	.
1498.0	.	.	.
1512.0	.	.	.
1559.0	.	.	.
1548.0	.	.	.
1522.0	.	.	.

1526.0	.	.	.
1547.0	.	.	.
1581.0	.	.	.
1551.0	.	.	.
1559.0	.	.	.
1477.0	.	.	.
1587.0	.	.	.
1600.0	.	.	.
1541.0	.	.	.
1517.0	.	.	.
1521.0	.	.	.
1537.0	.	.	.
1505.0	.	.	.
1592.0	.	.	.
1584.0	.	.	.
1551.0	.	.	.
1593.0	.	.	.
1585.0	.	.	.
1519.0	.	.	.
1572.0	.	.	.
1550.0	.	.	.
1557.0	.	.	.
1576.0	.	.	.
1578.0	.	.	.
1565.0	.	.	.
1584.0	.	.	.
1607.0	.	.	.
1573.0	.	.	.
1590.0	.	.	.
1602.0	.	.	.
1649.0	.	.	.
1534.0	.	.	.
1595.0	.	.	.
1604.0	.	.	.
1597.0	.	.	.
1577.0	.	.	.
1562.0	.	.	.
1603.0	.	.	.
1559.0	.	.	.
1630.0	.	.	.
1609.0	.	.	.
1592.0	.	.	.
1560.0	.	.	.
1560.0	.	.	.
1588.0	.	.	.
1589.0	.	.	.
1601.0	.	.	.
1589.0	.	.	.
1606.0	.	.	.
1554.0	.	.	.
1622.0	.	.	.
1622.0	.	.	.
1604.0	.	.	.
1571.0	.	.	.

1609.0	.	.	.
1627.0	.	.	.
1630.0	.	.	.
1624.0	.	.	.
1598.0	.	.	.
1584.0	.	.	.
1567.0	.	.	.
1627.0	.	.	.
1629.0	.	.	.
1597.0	.	.	.
1613.0	.	.	.
1587.0	.	.	.
1564.0	.	.	.
1612.0	.	.	.
1582.0	.	.	.
1618.0	.	.	.
1602.0	.	.	.
1592.0	.	.	.
1555.0	.	.	.
1590.0	.	.	.
1597.0	.	.	.
1597.0	.	.	.
1580.0	.	.	.
1544.0	.	.	.
1613.0	.	.	.
1618.0	.	.	.
1551.0	.	.	.
1603.0	.	.	.
1590.0	.	.	.
1603.0	.	.	.
1598.0	.	.	.
1552.0	.	.	.
1635.0	.	.	.
1583.0	.	.	.
1624.0	.	.	.
1560.0	.	.	.
1565.0	.	.	.
1584.0	.	.	.
1583.0	.	.	.
1533.0	.	.	.
1555.0	.	.	.
1570.0	.	.	.
1533.0	.	.	.
1497.0	.	.	.
1525.0	.	.	.
1522.0	.	.	.
1519.0	.	.	.
1538.0	.	.	.
1560.0	.	.	.
1480.0	.	.	.
1562.0	.	.	.
1537.0	.	.	.
1584.0	.	.	.
1582.0	.	.	.

1559.0	.	.	.
1559.0	.	.	.
1534.0	.	.	.
1565.0	.	.	.
1546.0	.	.	.
1484.0	.	.	.
1480.0	.	.	.
1571.0	.	.	.
1525.0	.	.	.
1523.0	.	.	.
1523.0	.	.	.
1554.0	.	.	.
1549.0	.	.	.
1524.0	.	.	.
1542.0	.	.	.
1539.0	.	.	.
1562.0	.	.	.
1596.0	.	.	.
1491.0	.	.	.
1560.0	.	.	.
1561.0	.	.	.
1558.0	.	.	.
1609.0	.	.	.
1528.0	.	.	.
1510.0	.	.	.
1578.0	.	.	.
1525.0	.	.	.
1566.0	.	.	.
1525.0	.	.	.
1521.0	.	.	.
1508.0	.	.	.
1562.0	.	.	.
1597.0	.	.	.
1537.0	.	.	.
1544.0	.	.	.
1570.0	.	.	.
1567.0	.	.	.
1565.0	.	.	.
1545.0	.	.	.
1540.0	.	.	.
1538.0	.	.	.
1556.0	.	.	.
1580.0	.	.	.
1554.0	.	.	.
1498.0	.	.	.
1520.0	.	.	.
1465.0	.	.	.
1541.0	.	.	.
1564.0	.	.	.
1560.0	.	.	.
1502.0	.	.	.
1541.0	.	.	.
1583.0	.	.	.
1532.0	.	.	.

1518.0	.	.	.
1547.0	.	.	.
1583.0	.	.	.
1521.0	.	.	.
1501.0	.	.	.
1542.0	.	.	.
1534.0	.	.	.
1526.0	.	.	.
1559.0	.	.	.
1512.0	.	.	.
1547.0	.	.	.
1498.0	.	.	.
1531.0	.	.	.
1524.0	.	.	.
1586.0	.	.	.
1513.0	.	.	.
1503.0	.	.	.
1564.0	.	.	.
1507.0	.	.	.
1515.0	.	.	.
1510.0	.	.	.
1520.0	.	.	.
1525.0	.	.	.
1488.0	.	.	.
1532.0	.	.	.
1498.0	.	.	.
1552.0	.	.	.
1495.0	.	.	.
1524.0	.	.	.
1551.0	.	.	.
1528.0	.	.	.
1496.0	.	.	.
1503.0	.	.	.
1494.0	.	.	.
1461.0	.	.	.
1476.0	.	.	.
1523.0	.	.	.
1498.0	.	.	.
1509.0	.	.	.
1503.0	.	.	.
1498.0	.	.	.
1475.0	.	.	.
1462.0	.	.	.
1507.0	.	.	.
1473.0	.	.	.
1440.0	.	.	.
1454.0	.	.	.
1456.0	.	.	.
1484.0	.	.	.
1468.0	.	.	.
1517.0	.	.	.
1503.0	.	.	.
1472.0	.	.	.
1493.0	.	.	.

1489.0	.	.	.
1509.0	.	.	.
1470.0	.	.	.
1495.0	.	.	.
1492.0	.	.	.
1480.0	.	.	.
1486.0	.	.	.
1435.0	.	.	.
1460.0	.	.	.
1511.0	.	.	.
1482.0	.	.	.
1485.0	.	.	.
1458.0	.	.	.
1498.0	.	.	.
1482.0	.	.	.
1447.0	.	.	.
1528.0	.	.	.
1584.0	.	.	.
1528.0	.	.	.
1437.0	.	.	.
1508.0	.	.	.
1510.0	.	.	.
1543.0	.	.	.
1419.0	.	.	.
1426.0	.	.	.
1497.0	.	.	.
1509.0	.	.	.
1461.0	.	.	.
1513.0	.	.	.
1493.0	.	.	.
1512.0	.	.	.
1525.0	.	.	.
1510.0	.	.	.
1465.0	.	.	.
1509.0	.	.	.
1476.0	.	.	.
1472.0	.	.	.
1456.0	.	.	.
1472.0	.	.	.
1568.0	.	.	.
1468.0	.	.	.
1462.0	.	.	.
1479.0	.	.	.
1494.0	.	.	.
1485.0	.	.	.
1412.0	.	.	.
1568.0	.	.	.
1497.0	.	.	.
1513.0	.	.	.
1537.0	.	.	.
1535.0	.	.	.
1489.0	.	.	.
1407.0	.	.	.
1504.0	.	.	.

1529.0	.	.	.
1555.0	.	.	.
1405.0	.	.	.
1476.0	.	.	.
1466.0	.	.	.
1460.0	.	.	.
1504.0	.	.	.
1582.0	.	.	.
1454.0	.	.	.
1519.0	.	.	.
1482.0	.	.	.
1495.0	.	.	.
1498.0	.	.	.
1485.0	.	.	.
1440.0	.	.	.
1435.0	.	.	.
1507.0	.	.	.
1476.0	.	.	.
1469.0	.	.	.
1525.0	.	.	.
1535.0	.	.	.
1441.0	.	.	.
1540.0	.	.	.
1467.0	.	.	.
1405.0	.	.	.
1467.0	.	.	.
1548.0	.	.	.
1504.0	.	.	.
1471.0	.	.	.
1496.0	.	.	.
1486.0	.	.	.
1473.0	.	.	.
1568.0	.	.	.
1521.0	.	.	.
1438.0	.	.	.
1538.0	.	.	.
1553.0	.	.	.
1544.0	.	.	.
1425.0	.	.	.
1477.0	.	.	.
1565.0	.	.	.
1511.0	.	.	.
1423.0	.	.	.
1559.0	.	.	.
1561.0	.	.	.
1540.0	.	.	.
1533.0	.	.	.
1630.0	.	.	.
1482.0	.	.	.
1535.0	.	.	.
1549.0	.	.	.
1586.0	.	.	.
1537.0	.	.	.
1511.0	.	.	.

1575.0	.	.	.
1469.0	.	.	.
1600.0	.	.	.
1532.0	.	.	.
1505.0	.	.	.
1577.0	.	.	.
1460.0	.	.	.
1469.0	.	.	.
1455.0	.	.	.
1508.0	.	.	.
1616.0	.	.	.
1542.0	.	.	.
1485.0	.	.	.
1581.0	.	.	.
1532.0	.	.	.
1571.0	.	.	.
1542.0	.	.	.
1512.0	.	.	.
1461.0	.	.	.
1627.0	.	.	.
1518.0	.	.	.
1601.0	.	.	.
1518.0	.	.	.
1539.0	.	.	.
1512.0	.	.	.
1540.0	.	.	.
1520.0	.	.	.
1484.0	.	.	.
1479.0	.	.	.
1599.0	.	.	.
1567.0	.	.	.
1590.0	.	.	.
1553.0	.	.	.
1566.0	.	.	.
1543.0	.	.	.
1558.0	.	.	.
1505.0	.	.	.
1536.0	.	.	.
1503.0	.	.	.
1443.0	.	.	.
1497.0	.	.	.
1499.0	.	.	.
1497.0	.	.	.
1496.0	.	.	.
1547.0	.	.	.
1517.0	.	.	.
1567.0	.	.	.
1483.0	.	.	.
1550.0	.	.	.
1479.0	.	.	.
1529.0	.	.	.
1512.0	.	.	.
1550.0	.	.	.
1534.0	.	.	.

1483.0	.	.	.
1515.0	.	.	.
1495.0	.	.	.
1479.0	.	.	.
1501.0	.	.	.
1445.0	.	.	.
1484.0	.	.	.
1504.0	.	.	.
1487.0	.	.	.
1482.0	.	.	.
1457.0	.	.	.
1514.0	.	.	.
1465.0	.	.	.
1534.0	.	.	.
1511.0	.	.	.
1527.0	.	.	.
1448.0	.	.	.
1465.0	.	.	.
1575.0	.	.	.
1529.0	.	.	.
1484.0	.	.	.
1497.0	.	.	.
1587.0	.	.	.
1507.0	.	.	.
1512.0	.	.	.
1503.0	.	.	.
1491.0	.	.	.
1534.0	.	.	.
1451.0	.	.	.
1568.0	.	.	.
1520.0	.	.	.
1521.0	.	.	.
1489.0	.	.	.
1464.0	.	.	.
1452.0	.	.	.
1479.0	.	.	.
1487.0	.	.	.
1557.0	.	.	.
1543.0	.	.	.
1498.0	.	.	.
1489.0	.	.	.
1494.0	.	.	.
1495.0	.	.	.
1473.0	.	.	.
1543.0	.	.	.
1525.0	.	.	.
1496.0	.	.	.
1471.0	.	.	.
1518.0	.	.	.
1520.0	.	.	.
1492.0	.	.	.
1461.0	.	.	.
1541.0	.	.	.
1507.0	.	.	.

1478.0	.	.	.
1358.0	.	.	.
1482.0	.	.	.
1524.0	.	.	.
1440.0	.	.	.
1453.0	.	.	.
1426.0	.	.	.
1484.0	.	.	.
1462.0	.	.	.
1528.0	.	.	.
1370.0	.	.	.
1390.0	.	.	.
1492.0	.	.	.
1453.0	.	.	.
1490.0	.	.	.
1505.0	.	.	.
1471.0	.	.	.
1481.0	.	.	.
1472.0	.	.	.
1522.0	.	.	.
1483.0	.	.	.
1431.0	.	.	.
1530.0	.	.	.
1427.0	.	.	.
1458.0	.	.	.
1480.0	.	.	.
1528.0	.	.	.
1468.0	.	.	.
1472.0	.	.	.
1461.0	.	.	.
1546.0	.	.	.
1500.0	.	.	.
1519.0	.	.	.
1468.0	.	.	.
1507.0	.	.	.
1523.0	.	.	.
1552.0	.	.	.
1466.0	.	.	.
1415.0	.	.	.
1480.0	.	.	.
1494.0	.	.	.
1409.0	.	.	.
1447.0	.	.	.
1455.0	.	.	.
1484.0	.	.	.
1499.0	.	.	.
1510.0	.	.	.
1485.0	.	.	.
1539.0	.	.	.
1525.0	.	.	.
1477.0	.	.	.
1491.0	.	.	.
1473.0	.	.	.
1501.0	.	.	.

1503.0	.	.	.
1498.0	.	.	.
1552.0	.	.	.
1494.0	.	.	.
1492.0	.	.	.
1471.0	.	.	.
1563.0	.	.	.
1532.0	.	.	.
1411.0	.	.	.
1494.0	.	.	.
1542.0	.	.	.
1537.0	.	.	.
1477.0	.	.	.
1492.0	.	.	.
1472.0	.	.	.
1552.0	.	.	.
1465.0	.	.	.
1488.0	.	.	.
1557.0	.	.	.
1469.0	.	.	.
1488.0	.	.	.
1484.0	.	.	.
1479.0	.	.	.
1476.0	.	.	.
1441.0	.	.	.
1475.0	.	.	.
1473.0	.	.	.
1394.0	.	.	.
1378.0	.	.	.
1438.0	.	.	.
1452.0	.	.	.
1443.0	.	.	.
1524.0	.	.	.
1491.0	.	.	.
1449.0	.	.	.
1440.0	.	.	.
1486.0	.	.	.
1489.0	.	.	.
1477.0	.	.	.
1403.0	.	.	.
1423.0	.	.	.
1429.0	.	.	.
1450.0	.	.	.
1476.0	.	.	.
1438.0	.	.	.
1541.0	.	.	.
1496.0	.	.	.
1487.0	.	.	.
1543.0	.	.	.
1489.0	.	.	.
1502.0	.	.	.
1508.0	.	.	.
1475.0	.	.	.
1487.0	.	.	.

1491.0	.	.	.
1452.0	.	.	.
1471.0	.	.	.
1444.0	.	.	.
1484.0	.	.	.
1473.0	.	.	.
1446.0	.	.	.
1489.0	.	.	.
1513.0	.	.	.
1439.0	.	.	.
1391.0	.	.	.
1508.0	.	.	.
1427.0	.	.	.
1526.0	.	.	.
1531.0	.	.	.
1457.0	.	.	.
1479.0	.	.	.
1556.0	.	.	.
1540.0	.	.	.
1567.0	.	.	.
1523.0	.	.	.
1466.0	.	.	.
1492.0	.	.	.
1495.0	.	.	.
1569.0	.	.	.
1516.0	.	.	.
1473.0	.	.	.
1502.0	.	.	.
1496.0	.	.	.
1494.0	.	.	.
1472.0	.	.	.
1574.0	.	.	.
1464.0	.	.	.
1469.0	.	.	.
1506.0	.	.	.
1536.0	.	.	.
1489.0	.	.	.
1520.0	.	.	.
1492.0	.	.	.
1471.0	.	.	.
1557.0	.	.	.
1497.0	.	.	.
1468.0	.	.	.
1474.0	.	.	.
1567.0	.	.	.
1464.0	.	.	.
1469.0	.	.	.
1529.0	.	.	.
1433.0	.	.	.
1419.0	.	.	.
1544.0	.	.	.
1548.0	.	.	.
1424.0	.	.	.
1484.0	.	.	.

1552.0	.	.	.
1508.0	.	.	.
1462.0	.	.	.
1550.0	.	.	.
1517.0	.	.	.
1510.0	.	.	.
1500.0	.	.	.
1529.0	.	.	.
1586.0	.	.	.
1525.0	.	.	.
1566.0	.	.	.
1508.0	.	.	.
1531.0	.	.	.
1536.0	.	.	.
1478.0	.	.	.
1553.0	.	.	.
1512.0	.	.	.
1479.0	.	.	.
1465.0	.	.	.
1555.0	.	.	.
1509.0	.	.	.
1423.0	.	.	.
1490.0	.	.	.
1528.0	.	.	.
1468.0	.	.	.
1556.0	.	.	.
_pd_meas_number_of_points		11440	
_pd_proc_number_of_points		11440	

```

loop_
  _refln_index_h
  _refln_index_k
  _refln_index_l
  _refln_observed_status
  _refln_F_squared_meas
  _refln_F_squared_calc
  _refln_phase_calc
  _refln_d_spacing
  _gsas_i100_meas
2 2 0 o 541.126 221.808 0.00 6.57591 0.84
1 1 1 o 49056.29 49984.25 123.76 5.84594 100.00
0 4 0 o 179069.52 194922.36 0.00 4.69772 70.61
4 0 0 o 152512.64 162887.28 0.00 4.60345 57.75
1 3 1 o 32261.123 37249.05 43.85 4.38876 40.03
3 1 1 o 32535.289 38500.95 43.21 4.34967 39.72
2 4 0 o 9804.574 18898.623 0.00 4.18449 6.14
4 2 0 o 5543.446 12351.465 -180.00 4.13391 3.39
3 3 1 o 0.000 2532.598 -94.53 3.63909 0.00
4 4 0 o 10675.877 18080.270 0.00 3.28796 4.13
1 5 1 o 40257.68 43799.17 46.84 3.20699 28.02
5 1 1 o 42421.42 42270.45 -136.23 3.16159 28.75
0 2 2 o 53653.34 48445.32 27.02 3.08243 14.97
2 0 2 o 68574.15 63898.87 -43.34 3.07559 19.06
2 6 0 o 72900.06 76295.84 180.00 2.96497 22.97

```


6	2	0	o	122458.01	121826.95	180.00	2.91728	37.35
3	5	1	o	152635.14	138864.11	85.31	2.87688	86.52
2	2	2	o	43184.21	38914.47	-100.89	2.92297	22.09
5	3	1	o	142403.02	133320.59	-2.59	2.85481	79.55
4	6	0	o	10537.555	10042.481	0.00	2.58940	2.54
6	4	0	o	14814.490	15156.219	-180.00	2.56929	3.51
2	4	2	o	83993.32	81782.58	-91.75	2.57317	34.66
4	2	2	o	102988.22	102309.82	77.34	2.56128	42.16
1	7	1	o	74205.75	63970.82	14.73	2.46033	31.20
5	5	1	o	6168.544	4580.399	119.70	2.43965	2.55
7	1	1	o	72078.53	54004.77	72.47	2.41949	29.35
0	8	0	o	27041.480	10328.683	180.00	2.34886	2.68
8	0	0	o	1565.400	1219.040	180.00	2.30173	0.15
3	7	1	o	9930.295	7661.800	-51.56	2.30147	3.67
2	8	0	o	1839.146	2010.288	0.00	2.27596	0.34
4	4	2	o	24553.193	17210.076	80.56	2.31608	8.43
7	3	1	o	5628.952	5829.632	-65.30	2.27342	2.03
8	2	0	o	3318.675	3977.320	-180.00	2.23562	0.60
0	6	2	o	48526.66	65619.59	75.12	2.25949	7.98
6	0	2	o	40296.36	49199.54	-93.04	2.23555	6.50
6	6	0	o	70041.82	47300.17	180.00	2.19197	12.11
2	6	2	o	35354.86	25559.764	-134.06	2.19438	11.04
6	2	2	o	52234.33	26748.115	-72.09	2.17483	16.05
4	8	0	o	53195.41	24149.357	0.00	2.09225	8.39
1	1	3	o	6462.504	5580.078	47.54	2.14620	1.73
8	4	0	o	66967.30	47488.47	0.00	2.06696	10.31
5	7	1	o	23360.766	24415.857	1.88	2.05854	6.97
7	5	1	o	16384.959	18472.125	90.21	2.04638	4.83
4	6	2	o	18426.381	15820.813	80.97	2.02834	5.00
1	3	3	o	9211.744	9372.573	121.08	2.04228	2.27
3	1	3	o	8602.656	7850.652	122.14	2.03830	2.12
6	4	2	o	23548.672	13493.448	-85.98	2.01863	6.33
1	9	1	o	60631.96	33834.379	81.76	1.97709	16.72
9	1	1	o	36054.96	23561.299	179.83	1.94183	9.60
3	3	3	o	12615.173	10923.935	23.96	1.94865	2.89
3	9	1	o	37671.38	25796.916	163.23	1.89178	9.54
6	8	0	o	1031.398	1104.226	180.00	1.86525	0.13
8	6	0	o	173.229	260.436	-180.00	1.85469	0.02
9	3	1	o	19491.619	21044.602	-78.16	1.86385	4.80
2	10	0	o	4856.971	8731.653	0.00	1.84113	0.59
2	8	2	o	17065.682	18750.195	-69.72	1.86673	3.98
1	5	3	o	35097.94	36068.21	71.39	1.87294	7.52
5	1	3	o	33173.180	36189.64	5.63	1.86377	7.05
8	2	2	o	14925.535	28693.447	53.30	1.84428	3.40
10	2	0	o	1429.505	1639.312	0.00	1.80700	0.17
7	7	1	o	63108.03	69793.34	-57.30	1.80550	14.60
6	6	2	o	423.087	878.219	-111.62	1.81954	0.09
3	5	3	o	65688.47	67962.57	37.97	1.79994	13.17
5	3	3	o	76024.06	74840.52	-155.55	1.79449	15.17
5	9	1	o	24384.291	40260.72	91.97	1.74979	5.31
4	8	2	o	20983.861	41583.15	108.67	1.76128	4.40
4	10	0	o	67220.99	102934.88	0.00	1.73973	7.36
9	5	1	o	21540.668	34068.195	154.07	1.73247	4.60
8	4	2	o	21878.902	33857.609	59.21	1.74612	4.51

10	4	0	o	65863.36	91733.43	-180.00	1.71438	7.01
8	8	0	o	49169.30	43182.15	0.00	1.64398	4.82
1	7	3	o	8912.016	7460.148	139.59	1.68302	1.60
5	5	3	o	50779.77	48395.44	43.01	1.67635	9.03
1	11	1	o	71972.33	61212.48	-27.48	1.64597	13.92
7	1	3	o	3909.260	3508.565	77.78	1.66977	0.69
6	10	0	o	32432.938	28929.953	0.00	1.60255	3.02
11	1	1	o	80406.97	69659.57	113.96	1.61549	15.00
0	10	2	o	84653.12	81763.38	62.19	1.62838	7.68
6	8	2	o	8487.698	7698.734	-52.21	1.61935	1.52
3	7	3	o	17867.613	17106.424	-50.19	1.62945	3.03
10	6	0	o	26019.033	26366.855	0.00	1.58734	2.38
8	6	2	o	12827.165	10641.338	34.53	1.61243	2.28
3	11	1	o	21063.986	20873.131	-111.08	1.59576	3.84
0	0	4	o	287477.16	266259.38	165.44	1.63152	11.11
7	3	3	o	16780.348	15261.199	101.76	1.61940	2.81
10	0	2	o	91216.32	79917.05	-82.80	1.60366	8.04
2	10	2	o	3194.000	2802.105	-169.17	1.60349	0.56
7	9	1	o	21568.441	21904.539	-179.56	1.58632	3.88
0	12	0	o	777.374	1258.817	180.00	1.56591	0.03
9	7	1	o	15983.880	18293.281	-96.75	1.57889	2.85
11	3	1	o	21417.363	30250.070	16.15	1.56974	3.78
10	2	2	o	4787.585	5318.621	-65.52	1.58080	0.82
2	12	0	o	4896.697	4939.481	-180.00	1.54374	0.42
2	2	4	o	39251.28	41348.09	-17.86	1.58351	5.79
12	0	0	o	181.448	163.915	0.00	1.53448	0.01
12	2	0	o	3470.359	4043.596	0.00	1.51442	0.29
4	10	2	o	15614.681	14839.385	24.51	1.53517	2.54
5	7	3	o	1045.183	1064.521	-91.91	1.53606	0.16
0	4	4	o	21388.002	25029.178	158.23	1.54122	1.51
7	5	3	o	1730.989	1215.305	-3.82	1.53099	0.26
5	11	1	o	362.357	507.836	32.45	1.50774	0.06
10	4	2	o	21820.168	24263.596	-46.56	1.51767	3.47
4	0	4	o	25667.752	29301.574	164.27	1.53780	1.81
4	12	0	o	31830.059	27325.982	0.00	1.48249	2.55
1	9	3	o	20896.662	24490.838	62.41	1.50131	3.07
11	5	1	o	2000.233	2033.136	164.82	1.48882	0.32
2	4	4	o	10504.720	11176.294	170.73	1.52007	1.45
4	2	4	o	11152.452	12767.353	-39.55	1.51760	1.54
9	1	3	o	20739.830	20738.680	22.67	1.48570	2.99
12	4	0	o	49669.29	47654.59	0.00	1.45864	3.85
8	8	2	o	158969.69	153544.28	80.73	1.46817	23.79
8	10	0	o	38024.40	36890.22	0.00	1.45562	2.93
10	8	0	o	33671.496	40346.49	-180.00	1.44916	2.58
3	9	3	o	61438.16	62214.40	5.70	1.46292	8.63
4	4	4	o	9432.517	9546.365	150.20	1.46148	1.23
9	3	3	o	28978.941	33688.141	-124.42	1.44989	4.01
6	10	2	o	1545.765	3086.081	-79.26	1.43844	0.22
9	9	1	o	7872.450	7218.020	-36.10	1.42600	1.15
10	6	2	o	11170.841	10369.359	-101.81	1.42741	1.59
1	13	1	o	8849.907	5386.050	103.10	1.40712	1.26
7	7	3	o	28376.805	25054.934	-142.03	1.42191	3.79
7	11	1	o	34437.066	28539.215	-54.85	1.39935	4.87
2	6	4	o	57007.06	54157.27	-7.11	1.42940	7.14

6 12 0 o 10423.906 8508.489 180.00 1.39483 0.74
6 2 4 o 70987.99 67332.11 -8.67 1.42396 8.84
11 7 1 o 30015.770 25685.121 -63.34 1.38794 4.18
2 12 2 o 20852.947 17071.357 51.53 1.39545 2.84
13 1 1 o 4375.568 3051.738 165.84 1.38048 0.60
12 6 0 o 23976.766 15306.851 0.00 1.37797 1.66
3 13 1 o 9760.404 5446.797 -110.97 1.37537 1.33
5 9 3 o 31841.588 26368.480 58.53 1.39421 4.11
9 5 3 o 28423.563 24032.039 28.05 1.38541 3.63
12 2 2 o 5599.417 2742.353 -29.98 1.37368 0.74
13 3 1 o 748.118 552.455 -175.06 1.35161 0.10
4 6 4 o 42749.14 30327.906 168.78 1.38037 5.06
6 4 4 o 58356.81 38281.80 -19.76 1.37730 6.88
2 14 0 o 2286.532 1628.375 0.00 1.32817 0.15
4 12 2 o 136.973 118.478 -87.00 1.34972 0.02
10 10 0 o 22826.756 19323.389 180.00 1.31518 1.45
12 4 2 o 670.597 483.612 133.18 1.33165 0.08
1 11 3 o 34290.012 28154.400 -158.92 1.33996 4.12
8 10 2 o 1419.781 969.464 -38.84 1.32935 0.18
5 13 1 o 73165.61 63131.98 78.54 1.31781 9.21
10 8 2 o 3554.364 2805.659 21.12 1.32442 0.44
14 2 0 o 470.941 320.098 -180.00 1.30257 0.03
0 8 4 o 25914.416 21543.580 -15.56 1.33998 1.46
8 12 0 o 552.113 366.684 0.00 1.29470 0.03
11 1 3 o 49068.96 39782.55 38.23 1.32336 5.77
8 0 4 o 10645.002 7375.644 -1.71 1.33105 0.59
2 8 4 o 32501.979 24811.678 165.42 1.32601 3.60
4 14 0 o 2815.743 1412.761 0.00 1.28855 0.17
13 5 1 o 78215.49 55591.18 177.74 1.29891 9.58
12 8 0 o 13560.388 6105.068 0.00 1.28464 0.82
3 11 3 o 21642.428 18123.434 -76.69 1.31245 2.51
8 2 4 o 25991.150 23597.949 -23.00 1.31789 2.85
7 9 3 o 44523.15 32195.303 -33.02 1.30718 5.12
9 11 1 o 34828.402 15970.618 31.20 1.28559 4.18
9 7 3 o 37630.16 25443.096 -83.94 1.30302 4.31
6 6 4 o 47087.54 35900.99 -11.98 1.30878 5.10
11 9 1 o 25517.377 10266.320 51.84 1.28064 3.04
11 3 3 o 31704.279 23637.051 136.52 1.29786 3.60
14 4 0 o 1014.117 290.660 -180.00 1.26657 0.06
6 12 2 o 21803.322 9396.066 -53.38 1.28257 2.54
1 1 5 o 10670.775 7978.126 -58.03 1.29884 1.06
4 8 4 o 687.778 319.110 134.29 1.28659 0.07
12 6 2 o 52240.11 18326.053 40.49 1.26942 5.96
8 4 4 o 3254.829 1316.926 134.90 1.28064 0.34
5 11 3 o 2897.576 663.203 -146.10 1.26216 0.31
1 3 5 o 4887.080 1605.862 -152.11 1.27470 0.47
7 13 1 o 8535.656 8247.629 148.83 1.24359 0.96
3 1 5 o 3376.601 1133.492 160.14 1.27373 0.33
11 5 3 o 8352.723 4445.141 39.36 1.25100 0.89
0 14 2 o 2867.815 3605.083 -106.19 1.24130 0.16
6 14 0 o 83845.17 75201.40 0.00 1.22974 4.66
13 7 1 o 5750.691 5139.862 -39.34 1.23028 0.63
2 14 2 o 3569.374 3192.593 -100.84 1.23017 0.38
1 15 1 o 71648.21 66792.63 15.60 1.22753 7.87

14	6	0	o	44929.32	43097.29	0.00	1.21267	2.43
3	3	5	o	4054.558	2373.713	-35.74	1.25095	0.38
14	0	2	o	2678.770	2593.502	113.88	1.21990	0.14
10	10	2	o	37402.41	36251.68	-97.56	1.21983	3.96
6	8	4	o	728.799	694.110	61.32	1.22803	0.07
14	2	2	o	6110.937	6307.239	-106.57	1.20974	0.64
8	6	4	o	1589.710	1526.505	6.20	1.22500	0.15
1	5	5	o	20105.441	17997.559	-102.79	1.23022	1.83
3	15	1	o	23090.465	23682.475	-59.52	1.20627	2.45
2	10	4	o	6320.697	6089.984	-7.82	1.22107	0.61
5	1	5	o	18644.404	18147.242	-14.19	1.22761	1.70
9	9	3	o	493.739	468.360	70.67	1.21303	0.05
15	1	1	o	64250.97	64329.55	63.24	1.20395	6.80
8	12	2	o	8079.364	8054.641	46.75	1.20343	0.83
10	12	0	o	20837.225	22571.279	-180.00	1.19289	1.09
4	14	2	o	13476.512	13254.512	-65.97	1.19849	1.38
12	10	0	o	17908.885	20917.193	0.00	1.18854	0.93
12	8	2	o	11000.956	11334.126	102.86	1.19534	1.12
10	2	4	o	12584.449	12736.201	-3.34	1.21096	1.20
15	3	1	o	32809.148	36451.87	-29.57	1.18466	3.37
1	13	3	o	26645.902	26331.422	43.68	1.20135	2.64
7	11	3	o	9610.681	9741.921	-175.98	1.19650	0.94
3	5	5	o	35415.58	38116.17	-73.12	1.20883	3.14
5	3	5	o	35394.02	37575.84	117.35	1.20717	3.13
11	11	1	o	36004.16	33430.438	-61.95	1.17605	3.64
0	16	0	o	61999.53	58683.27	180.00	1.17443	1.58
11	7	3	o	12153.555	14921.800	-107.10	1.18934	1.18
14	4	2	o	6838.425	7401.369	48.91	1.18074	0.68
13	1	3	o	22187.162	24644.059	18.34	1.18464	2.14
5	15	1	o	9526.838	10535.705	22.11	1.16688	0.95
4	10	4	o	57007.94	71567.07	164.55	1.19008	5.27
2	16	0	o	10615.434	12669.076	-180.00	1.16499	0.53
3	13	3	o	9140.155	10223.622	-67.32	1.18140	0.88
9	13	1	o	6893.187	10143.529	-1.72	1.16170	0.68
8	14	0	o	21612.846	35507.61	0.00	1.15947	1.07
10	4	4	o	50691.77	58014.91	-16.66	1.18187	4.63
13	9	1	o	3269.975	4198.056	-95.69	1.15370	0.32
16	0	0	o	41400.43	47032.11	180.00	1.15086	1.01
13	3	3	o	6723.959	7496.944	-29.17	1.16624	0.63
15	5	1	o	7586.049	8283.196	72.04	1.14869	0.73
14	8	0	o	22995.719	25328.064	-180.00	1.14760	1.12
4	16	0	o	468.044	492.480	180.00	1.13798	0.02
1	7	5	o	5740.979	5624.208	-168.39	1.17144	0.48
6	14	2	o	35243.34	39314.19	-88.61	1.15073	3.35
16	2	0	o	10056.396	11463.328	0.00	1.14233	0.48
5	5	5	o	19574.461	20625.301	-61.88	1.16919	1.65
7	1	5	o	1794.477	1926.226	-140.48	1.16695	0.15
8	8	4	o	2014.314	4007.560	149.47	1.15804	0.18
5	13	3	o	57296.64	67355.77	86.42	1.14432	5.20
14	6	2	o	48262.54	49825.84	-101.16	1.13671	4.48
16	4	0	o	13.695	14.886	-180.00	1.11781	0.00
3	7	5	o	10765.761	12691.937	18.09	1.15293	0.89
7	3	5	o	5263.961	5575.763	-169.64	1.14935	0.43
6	10	4	o	37.304	44.502	125.79	1.14328	0.00

13	5	3	o	50650.10	58372.44	-16.32	1.13188	4.51
10	6	4	o	1336.707	1362.295	-3.73	1.13772	0.11
7	15	1	o	3661.505	3632.366	-179.75	1.11441	0.33
10	12	2	o	3954.441	4662.590	78.29	1.12037	0.36
12	10	2	o	2135.392	2142.384	-93.22	1.11676	0.19
0	12	4	o	6701.604	8228.821	-3.08	1.12975	0.28
9	11	3	o	2758.954	3493.243	-156.39	1.12304	0.24
11	9	3	o	3569.595	4131.842	27.59	1.11973	0.31
6	16	0	o	9659.934	17955.383	-180.00	1.09686	0.43
12	12	0	o	3519.843	6295.383	180.00	1.09599	0.16
15	7	1	o	1038.513	2549.217	57.24	1.10041	0.09
2	12	4	o	1128.297	1351.170	-44.59	1.12134	0.09
12	0	4	o	1242.349	1326.565	14.98	1.11778	0.05
10	14	0	o	874.765	928.460	-180.00	1.08464	0.04
5	7	5	o	593.121	654.298	151.23	1.11838	0.05
7	5	5	o	278.068	255.771	33.82	1.11642	0.02
2	16	2	o	805.209	1547.412	72.08	1.09716	0.07
12	2	4	o	956.306	3189.872	165.93	1.10995	0.08
16	6	0	o	34620.598	33435.910	0.00	1.08024	1.50
1	17	1	o	6629.285	6426.748	-12.31	1.08792	0.58
14	10	0	o	1486.092	1332.341	180.00	1.07754	0.06
8	14	2	o	1044.165	1361.263	6.13	1.09255	0.09
4	12	4	o	59.209	115.821	5.27	1.09719	0.00
7	13	3	o	1938.785	3431.344	-42.50	1.09471	0.16
1	9	5	o	2999.214	11167.517	-66.72	1.10476	0.23
11	13	1	o	3833.331	3515.248	40.52	1.07898	0.33
9	1	5	o	4709.754	9381.349	-39.95	1.09849	0.36
13	7	3	o	696.439	705.711	-74.79	1.08560	0.06
1	15	3	o	9999.915	11177.313	179.54	1.08371	0.82
13	11	1	o	7984.052	7168.147	31.46	1.07546	0.68
14	8	2	o	1357.879	1473.415	-24.32	1.08260	0.12
12	4	4	o	588.025	539.529	173.11	1.08742	0.05
3	17	1	o	4955.385	5317.223	-150.18	1.07304	0.42
8	10	4	o	9847.431	9526.713	162.03	1.08616	0.78
16	2	2	o	3874.805	3439.756	79.18	1.07817	0.33
10	8	4	o	12095.334	13814.172	-0.35	1.08347	0.95
3	9	5	o	27371.406	25528.623	-37.12	1.08919	2.06
4	16	2	o	5643.503	5276.478	88.32	1.07451	0.47
17	1	1	o	3772.277	4138.550	-109.73	1.06682	0.32
9	3	5	o	26984.186	31328.512	89.26	1.08378	2.01
3	15	3	o	2695.837	3196.574	-121.70	1.06900	0.22
15	1	3	o	13789.272	15062.103	75.29	1.06738	1.10
7	7	5	o	6304.034	8169.501	96.42	1.07194	0.46
0	2	6	o	13926.668	12938.522	-61.80	1.08046	0.49
2	0	6	o	11631.687	10611.807	38.90	1.08017	0.40
2	2	6	o	5507.052	6042.926	57.25	1.07310	0.38

_reflns_number_total	277
_reflns_limit_h_min	0
_reflns_limit_h_max	17
_reflns_limit_k_min	0
_reflns_limit_k_max	18
_reflns_limit_l_min	0
_reflns_limit_l_max	6
_reflns_d_resolution_high	1.067

_reflns_d_resolution_low 6.576
#--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--#