

Table_4. Observed and calculated structure factors (Fo-Fc) pertaining to the structural refinements of CsAlSiO₄

-1	-7	0	135103.0	120971.1	2607.7 o
-4	-6	0	169388.0	152580.1	3193.1 o
-2	-6	0	161736.0	157212.8	3055.5 o
-5	-5	0	243154.0	231051.5	4492.6 o
-3	-5	0	67489.3	73568.6	1334.6 o
-1	-5	0	226482.0	219744.4	4191.5 o
1	-5	0	177791.0	178653.5	3316.3 o
5	-5	0	18237.3	17093.1	476.7 o
9	-5	0	123268.0	117826.9	2401.6 o
-2	-4	0	233134.0	226199.4	4283.6 o
2	-4	0	50162.1	45324.2	999.1 o
4	-4	0	24877.2	20683.6	566.6 o
6	-4	0	230158.0	208962.1	4265.8 o
8	-4	0	91153.1	87486.2	1785.6 o
-5	-3	0	217382.0	223001.4	3979.0 o
-3	-3	0	68982.4	66091.8	1306.1 o
-1	-3	0	80846.4	75223.7	1518.5 o
5	-3	0	67507.3	62644.1	1309.2 o
7	-3	0	111486.0	107505.5	2122.2 o
9	-3	0	272959.0	269750.8	5048.5 o
11	-3	0	50585.0	54916.6	1075.8 o
-8	-2	0	178508.0	203080.0	3259.3 o
-6	-2	0	105946.0	108631.4	1934.6 o
-4	-2	0	53411.1	53537.0	1007.5 o
4	-2	0	131627.0	121994.2	2431.7 o
10	-2	0	101559.0	97998.6	1960.1 o
-13	-1	0	89295.6	97819.6	1728.8 o
-11	-1	0	126262.0	134120.2	2374.2 o
-9	-1	0	14022.2	15251.3	334.6 o
-7	-1	0	71414.4	75752.1	1342.6 o
-5	-1	0	15191.4	15493.4	287.8 o
5	-1	0	137687.0	130782.9	2536.3 o
7	-1	0	99291.5	96660.8	1870.1 o
9	-1	0	232724.0	213511.2	4295.2 o
-12	0	0	23019.3	26129.2	548.2 o
-6	0	0	250744.0	278387.3	4539.2 o
-4	0	0	240745.0	238167.8	4350.2 o
8	0	0	43476.1	42368.2	878.4 o
10	0	0	55774.4	57270.8	1120.3 o
5	1	0	17120.6	16692.8	374.5 o
7	1	0	82151.9	75842.7	1555.1 o
9	1	0	17191.8	15726.8	426.8 o
-10	2	0	103876.0	96543.0	2008.9 o
-6	2	0	434447.5	464626.2	7857.8 o
-2	2	0	292908.0	265791.0	5316.9 o
0	2	0	396441.0	278974.8	7174.2 o
4	2	0	52681.2	53826.6	1003.0 o
6	2	0	112854.0	108705.4	2101.7 o
8	2	0	211731.0	202957.0	3901.1 o
-7	3	0	115061.5	106830.5	2125.7 o

7	3	0	225079.0	236336.7	4144.8 o
-8	4	0	85170.0	86128.1	1667.9 o
-4	4	0	19139.0	19869.1	465.7 o
-2	4	0	43522.4	45659.0	884.0 o
4	4	0	126559.0	135419.8	2361.5 o
6	4	0	34633.5	36079.8	731.6 o
-6	6	0	32495.4	31006.1	765.0 o
4	6	0	138288.0	152794.5	2622.7 o
-5	-7	1	923.5	545.2	225.8 o
-3	-7	1	632.8	394.5	158.1 o
-1	-7	1	159.4	266.1	213.0 <
1	-7	1	154.8	397.9	151.9 <
-6	-6	1	46.4	51.0	138.9 <
-4	-6	1	71.7	169.1	103.0 <
-2	-6	1	134.6	121.4	109.2 <
1	-6	1	138.7	107.9	96.6 <
2	-6	1	189.1	354.3	166.8 <
6	-6	1	248.6	228.6	208.9 <
7	-6	1	3571.4	5181.3	300.0 o
8	-6	1	796.9	627.0	229.5 o
-5	-5	1	269.4	232.7	97.0 <
-3	-5	1	434.5	537.5	113.0 o
-1	-5	1	1319.2	1367.7	103.0 o
1	-5	1	1574.0	1501.8	178.1 o
3	-5	1	558.5	330.1	157.7 o
5	-5	1	236.8	441.7	134.3 <
7	-5	1	45.1	493.0	98.1 <
9	-5	1	492.4	528.3	148.9 o
10	-5	1	285.2	439.3	147.0 <
-6	-4	1	300.0	528.9	130.2 <
-4	-4	1	199.2	183.5	78.1 <
-2	-4	1	680.0	738.0	84.9 o
1	-4	1	268.5	292.3	51.6 o
2	-4	1	433.4	372.0	99.4 o
3	-4	1	26394.9	28239.1	501.5 o
4	-4	1	340.0	285.8	95.0 o
6	-4	1	446.3	376.9	103.9 o
7	-4	1	9155.5	10374.8	243.9 o
8	-4	1	91.8	378.5	95.9 <
9	-4	1	1562.6	1848.1	148.5 o
10	-4	1	113.5	371.6	108.5 <
11	-4	1	135.6	3.1	125.0 <
-5	-3	1	573.4	697.1	70.2 o
-3	-3	1	1181.2	1079.8	82.2 o
-1	-3	1	567.4	387.8	52.5 o
1	-3	1	344.3	380.1	67.1 o
4	-3	1	26414.2	27477.3	497.3 o
5	-3	1	600.8	470.4	90.9 o
7	-3	1	2008.8	1762.2	129.3 o
8	-3	1	19987.7	20953.3	433.1 o
9	-3	1	89.8	7.1	98.4 <
10	-3	1	533.5	682.6	127.1 o
11	-3	1	164.8	348.3	165.4 <
12	-3	1	2761.8	4020.7	299.9 o

-10	-2	1	52.3	296.5	56.9 <
-8	-2	1	1217.0	1422.3	57.7 o
-6	-2	1	163.9	110.8	43.5 o
-4	-2	1	409.5	381.5	39.3 o
2	-2	1	411.2	392.9	42.8 o
4	-2	1	285.4	364.6	60.4 o
5	-2	1	61870.1	58840.5	1122.3 o
6	-2	1	99.7	17.6	68.0 <
8	-2	1	1833.4	1736.7	127.0 o
9	-2	1	2392.1	2773.1	84.2 o
10	-2	1	161.8	337.1	101.8 <
11	-2	1	261.0	8.5	175.1 <
12	-2	1	490.4	498.5	188.5 <
-13	-1	1	589.2	483.1	130.6 o
-11	-1	1	-27.3	416.7	79.5 <
-9	-1	1	253.9	359.6	72.4 o
-7	-1	1	447.1	415.8	52.3 o
-5	-1	1	412.5	364.6	45.4 o
5	-1	1	509.8	368.5	80.7 o
6	-1	1	44463.2	40843.6	810.7 o
7	-1	1	581.8	535.4	94.0 o
8	-1	1	30266.4	27037.7	568.0 o
9	-1	1	389.1	416.0	107.6 o
10	-1	1	905.0	868.6	84.2 o
11	-1	1	34.8	438.0	139.9 <
12	-1	1	5518.0	5201.0	160.2 o
-12	0	1	-70.9	197.6	103.9 <
-10	0	1	85.0	393.7	86.3 <
-8	0	1	218.3	262.3	54.0 o
-6	0	1	1240.7	1234.9	43.5 o
-4	0	1	391.5	368.6	34.9 o
4	0	1	444.5	379.2	48.6 o
6	0	1	1541.3	1235.3	93.5 o
7	0	1	21008.1	18708.8	395.5 o
8	0	1	386.5	267.6	93.3 o
10	0	1	236.7	404.5	145.4 <
11	0	1	145.0	18.9	80.8 <
-13	1	1	691.9	635.5	166.2 o
-11	1	1	16.3	412.1	104.8 <
-9	1	1	362.5	417.1	74.0 o
-7	1	1	459.8	533.5	53.3 o
-5	1	1	331.9	352.4	43.4 o
5	1	1	471.5	388.3	81.8 o
7	1	1	605.2	419.3	85.5 o
9	1	1	287.8	357.9	162.8 <
10	1	1	1337.5	874.2	106.1 o
11	1	1	-17.6	439.7	129.1 <
-12	2	1	312.6	496.5	141.9 <
-10	2	1	35.4	324.8	92.2 <
-8	2	1	1449.5	1728.2	84.0 o
-6	2	1	75.1	16.9	46.9 <
-4	2	1	297.5	350.9	49.8 o
-2	2	1	325.3	384.3	50.1 o
4	2	1	492.1	394.6	60.9 o

6	2	1	125.8	106.3	64.2 <
8	2	1	1469.0	1418.6	150.1 o
10	2	1	25.9	307.3	131.9 <
11	2	1	169.3	19.9	115.5 <
-11	3	1	8.6	332.0	136.6 <
-9	3	1	-61.3	7.4	77.5 <
-7	3	1	1433.9	1753.4	77.0 o
-5	3	1	363.7	464.8	53.6 o
-3	3	1	1190.7	1270.8	57.1 o
-1	3	1	375.1	361.4	70.9 o
1	3	1	530.9	382.3	99.8 o
3	3	1	1418.3	1079.9	100.0 o
5	3	1	530.5	716.6	69.2 o
7	3	1	1173.9	1309.6	154.5 o
9	3	1	86.5	46.7	114.3 <
-10	4	1	219.2	356.8	191.7 <
-8	4	1	169.6	368.5	102.0 <
-6	4	1	339.5	378.2	110.4 o
-4	4	1	304.1	281.5	99.7 o
-2	4	1	405.4	373.3	85.1 o
1	4	1	526.7	374.2	56.5 o
2	4	1	617.0	719.5	83.8 o
4	4	1	297.8	184.5	108.3 <
6	4	1	471.1	526.4	140.1 o
8	4	1	0.5	118.2	165.7 <
11	4	1	106.5	17.7	180.1 <
-9	5	1	543.5	527.2	202.2 <
-7	5	1	13.5	473.4	120.0 <
-5	5	1	143.4	432.9	105.9 <
-3	5	1	322.6	331.1	117.6 <
-1	5	1	1400.9	1506.8	111.8 o
1	5	1	1383.0	1371.0	104.0 o
3	5	1	328.6	539.4	91.5 o
5	5	1	133.2	234.7	68.8 <
7	5	1	181.2	174.3	167.8 <
10	5	1	590.5	455.7	253.4 <
-8	6	1	645.0	626.9	192.4 o
-6	6	1	175.3	230.9	134.4 <
-4	6	1	76.2	475.6	103.7 <
-2	6	1	97.7	345.6	102.9 <
1	6	1	96.6	183.4	64.9 <
2	6	1	75.3	124.8	99.4 <
4	6	1	38.1	182.8	146.0 <
6	6	1	90.8	50.5	183.9 <
-5	7	1	597.4	502.5	169.4 o
-3	7	1	514.5	556.0	164.3 o
-1	7	1	91.8	382.1	121.4 <
1	7	1	65.8	258.3	121.0 <
3	7	1	427.5	397.4	205.4 <
5	7	1	407.0	552.1	217.2 <
-5	-7	2	9280.3	7752.7	392.3 o
-1	-7	2	59752.8	63297.7	1263.9 o
0	-7	2	77.5	36.7	206.3 <
1	-7	2	59958.9	63305.1	1266.7 o

2	-7	2	104.2	14.0	115.7	<
4	-7	2	110.2	1.0	193.3	<
-6	-6	2	151013.0	141021.0	2877.8	o
-4	-6	2	60626.3	58095.0	1169.1	o
-2	-6	2	142666.0	129519.7	2717.5	o
0	-6	2	175954.0	169870.2	3317.5	o
1	-6	2	125.4	9.1	109.8	<
2	-6	2	103127.0	97559.6	2005.4	o
3	-6	2	161.8	17.7	106.3	<
5	-6	2	103.1	14.2	115.8	<
6	-6	2	67647.1	67993.3	1395.4	o
7	-6	2	120.3	1.4	201.1	<
-7	-5	2	56277.4	52773.5	1155.0	o
-3	-5	2	211741.5	198065.8	3869.5	o
-1	-5	2	97317.3	103857.3	1875.4	o
0	-5	2	-0.5	22.2	68.4	<
1	-5	2	63070.5	67891.7	1262.9	o
2	-5	2	153.1	5.1	76.7	<
3	-5	2	50311.9	48811.6	970.9	o
4	-5	2	122.2	5.8	64.0	<
5	-5	2	9187.3	7616.0	323.1	o
6	-5	2	148.5	28.9	112.8	<
7	-5	2	46588.2	41631.3	999.0	o
8	-5	2	67.0	9.8	128.7	<
10	-5	2	49.3	0.6	170.8	<
-6	-4	2	183028.0	202144.9	3404.1	o
-4	-4	2	150891.0	158325.5	2761.7	o
-2	-4	2	72630.5	76766.7	1354.7	o
0	-4	2	184574.0	176053.4	3411.8	o
1	-4	2	64.9	10.8	46.9	<
3	-4	2	67.6	13.7	50.3	<
4	-4	2	15807.9	14922.5	342.5	o
5	-4	2	49.4	16.5	65.0	<
6	-4	2	38723.0	35317.3	767.0	o
7	-4	2	68.6	0.6	65.3	<
8	-4	2	86865.4	91604.3	1638.7	o
9	-4	2	59.8	9.4	110.9	<
10	-4	2	114586.0	119093.5	2244.5	o
11	-4	2	60.3	7.8	194.6	<
-7	-3	2	66858.7	66922.7	1297.5	o
-5	-3	2	34699.0	34969.8	714.1	o
-3	-3	2	73116.5	79128.8	1333.2	o
0	-3	2	329.6	54.8	99.6	o
4	-3	2	84.3	7.2	36.4	<
5	-3	2	260679.0	240296.2	4737.4	o
6	-3	2	56.4	8.6	58.5	<
7	-3	2	238692.0	226394.0	4350.8	o
8	-3	2	95.1	1.9	95.0	<
9	-3	2	122023.5	115788.0	2265.5	o
10	-3	2	46.4	0.1	160.4	<
11	-3	2	119022.0	119346.8	2319.3	o
12	-3	2	72.3	7.2	173.7	<
-10	-2	2	98425.7	103965.8	1845.1	o
-4	-2	2	45040.2	44066.6	824.7	o

-2	-2	2	30222.5	27222.9	556.5	o
2	-2	2	165975.0	155323.6	3010.9	o
6	-2	2	107626.1	101242.6	1978.7	o
7	-2	2	54.1	1.0	39.6	<
8	-2	2	243598.0	233017.9	4437.7	o
9	-2	2	83.0	7.1	57.2	<
10	-2	2	91921.4	97579.3	1802.8	o
11	-2	2	161.5	3.9	179.3	<
-11	-1	2	20307.3	21381.7	423.0	o
-9	-1	2	80659.8	80399.6	1494.9	o
-7	-1	2	21643.3	22757.3	409.7	o
-5	-1	2	105962.9	113207.0	1920.5	o
-3	-1	2	162069.0	146784.2	2926.5	o
7	-1	2	263458.5	243117.5	4782.6	o
8	-1	2	88.0	1.9	51.1	<
9	-1	2	57849.6	63442.4	1169.8	o
10	-1	2	87.6	0.3	67.8	<
11	-1	2	54747.5	48883.5	1140.1	o
12	-1	2	52.3	4.3	85.5	<
13	-1	2	6548.8	5261.5	346.4	o
-12	0	2	87536.0	81698.8	1646.4	o
-8	0	2	46747.8	42370.7	873.2	o
-6	0	2	73022.9	79607.8	1331.2	o
4	0	2	127858.0	131129.1	2355.3	o
5	0	2	29.4	0.4	26.2	<
6	0	2	89052.8	81256.1	1634.6	o
7	0	2	37.8	0.0	39.5	<
9	0	2	99.2	5.2	55.1	<
10	0	2	20003.0	20828.5	509.2	o
11	0	2	118.9	0.2	79.8	<
12	0	2	82598.7	81697.8	1652.4	o
13	0	2	23.3	0.1	123.2	<
-11	1	2	46927.9	49550.5	919.4	o
-5	1	2	281019.2	299532.1	5069.8	o
-3	1	2	269811.7	255508.2	4872.0	o
3	1	2	155513.0	147032.9	2845.8	o
5	1	2	115419.0	112690.8	2103.6	o
6	1	2	91.2	9.4	39.2	<
7	1	2	22036.7	22743.6	501.9	o
8	1	2	40.6	1.8	47.8	<
9	1	2	76186.7	80277.7	1496.0	o
10	1	2	58.5	0.4	61.9	<
11	1	2	20276.8	21557.5	515.5	o
12	1	2	145.8	4.6	90.2	<
-10	2	2	93465.5	98557.7	1730.3	o
-6	2	2	103572.9	100693.3	1885.5	o
6	2	2	183229.0	193462.7	3385.3	o
7	2	2	45.8	1.0	51.3	<
8	2	2	37068.8	38075.7	783.8	o
9	2	2	96.9	7.8	63.5	<
10	2	2	109855.0	104712.3	2115.5	o
11	2	2	16.1	3.7	83.0	<
-9	3	2	121836.0	115228.7	2241.3	o
-3	3	2	77067.9	80027.7	1412.8	o

0	3	2	232.9	54.7	86.2	<
2	3	2	178.3	25.3	51.6	o
4	3	2	61.5	6.7	39.9	<
5	3	2	33992.0	35197.4	717.3	o
6	3	2	63.4	9.5	46.1	<
7	3	2	62815.7	67291.7	1248.6	o
8	3	2	32.4	1.9	61.7	<
9	3	2	179973.0	182493.3	3375.9	o
10	3	2	85.7	0.1	79.9	<
12	3	2	4.1	8.1	129.0	<
-8	4	2	83710.7	92559.9	1654.3	o
-6	4	2	34674.3	33848.1	688.6	o
1	4	2	150.6	12.4	54.5	<
3	4	2	58.0	14.0	55.7	<
4	4	2	141949.0	158201.3	2661.8	o
5	4	2	45.8	17.4	70.3	<
7	4	2	54.1	0.6	72.1	<
8	4	2	130047.0	130674.9	2480.0	o
9	4	2	74.1	10.2	107.6	<
10	4	2	50940.4	50323.6	1086.0	o
11	4	2	201.8	7.5	151.2	<
-5	5	2	7117.0	7648.3	217.3	o
0	5	2	61.2	22.3	77.6	<
2	5	2	102.8	5.4	58.7	<
4	5	2	78.4	6.1	101.2	<
5	5	2	77608.0	78053.0	1536.6	o
6	5	2	73.5	30.3	79.3	<
7	5	2	49405.9	52841.9	1044.7	o
8	5	2	133.6	9.7	120.9	<
9	5	2	108671.0	100392.1	2128.0	o
10	5	2	130.4	0.7	204.3	<
-4	6	2	21640.4	19290.7	479.8	o
1	6	2	99.3	10.2	69.9	<
2	6	2	116995.5	128630.8	2176.3	o
3	6	2	134.1	18.0	90.9	<
4	6	2	59051.9	57934.5	1215.7	o
5	6	2	69.9	14.9	76.0	<
6	6	2	141848.0	141020.8	2636.4	o
7	6	2	102.5	1.4	105.6	<
8	6	2	11476.9	10346.4	462.3	o
-1	7	2	68675.5	62317.5	1329.2	o
0	7	2	102.7	36.7	120.5	<
1	7	2	70346.0	63666.6	1355.4	o
2	7	2	-29.0	14.8	79.3	<
3	7	2	73109.2	81642.4	1495.0	o
4	7	2	155.9	1.0	112.0	<
5	7	2	8571.5	7743.9	289.6	o
-3	-7	3	245.5	345.6	232.9	<
-1	-7	3	126.3	178.8	179.6	<
1	-7	3	196.5	202.1	212.9	<
2	-7	3	305.7	501.8	133.3	<
3	-7	3	326.1	357.5	207.3	<
-6	-6	3	82.3	33.4	152.4	<
-4	-6	3	232.4	128.4	171.6	<

-2	-6	3	219.3	89.4	201.2	<
2	-6	3	290.9	269.6	182.0	<
4	-6	3	136.5	188.8	114.3	<
6	-6	3	88.5	131.6	160.7	<
-7	-5	3	160.1	144.8	154.7	<
-5	-5	3	280.9	170.1	151.8	<
-3	-5	3	314.3	342.3	168.0	<
-1	-5	3	1153.3	1310.1	151.8	o
1	-5	3	924.3	985.1	157.2	o
2	-5	3	1485.4	1877.5	90.3	o
3	-5	3	574.8	489.9	132.6	o
5	-5	3	114.5	188.1	162.3	<
7	-5	3	159.4	156.0	187.1	<
8	-5	3	468.6	671.7	188.1	<
9	-5	3	396.1	369.1	228.9	<
-8	-4	3	38.9	102.4	124.2	<
-6	-4	3	176.1	334.5	126.8	<
-4	-4	3	405.4	217.1	149.1	<
-2	-4	3	399.1	400.2	69.0	o
1	-4	3	18215.4	18665.5	352.0	o
2	-4	3	716.7	484.8	104.3	o
3	-4	3	22585.9	27024.0	443.7	o
4	-4	3	186.1	91.4	86.4	<
6	-4	3	450.3	498.9	139.0	o
8	-4	3	111.5	213.2	101.5	<
9	-4	3	1624.8	2098.4	229.3	o
10	-4	3	199.7	193.8	186.2	<
-7	-3	3	1145.4	1265.3	133.5	o
-5	-3	3	289.8	418.9	58.9	o
-3	-3	3	1094.6	1214.6	65.5	o
-1	-3	3	415.4	225.2	72.5	o
1	-3	3	702.5	403.8	87.6	o
2	-3	3	5871.3	5706.7	127.3	o
3	-3	3	741.3	604.7	79.3	o
4	-3	3	66444.6	57154.1	1212.0	o
5	-3	3	518.7	426.9	91.7	o
7	-3	3	1056.1	1202.5	92.1	o
8	-3	3	1003.1	1590.8	100.3	o
9	-3	3	53.5	15.8	136.8	<
10	-3	3	1962.1	3140.0	224.3	o
11	-3	3	29.7	188.8	173.9	<
-10	-2	3	108.6	233.6	115.0	<
-8	-2	3	815.8	998.2	89.0	o
-6	-2	3	112.1	100.7	56.5	<
2	-2	3	220.9	136.8	57.2	o
4	-2	3	416.5	352.2	58.2	o
6	-2	3	102.8	16.0	68.4	<
7	-2	3	41414.4	42428.1	774.1	o
8	-2	3	1304.6	1264.2	163.5	o
9	-2	3	3656.4	3348.8	138.4	o
10	-2	3	70.3	182.9	165.1	<
11	-2	3	7258.0	7719.3	214.7	o
12	-2	3	547.0	368.1	265.0	<
-13	-1	3	382.7	554.1	165.7	<

-11	-1	3	130.1	187.7	93.1	<
-9	-1	3	338.3	465.3	81.0	o
-7	-1	3	542.6	491.1	58.0	o
-5	-1	3	606.9	381.0	55.7	o
-3	-1	3	80.5	74.1	40.0	<
-1	-1	3	697.3	677.8	57.6	o
1	-1	3	652.7	476.6	44.5	o
2	-1	3	12782.9	11302.7	242.4	o
5	-1	3	329.2	315.0	64.9	o
6	-1	3	41794.1	40698.7	767.9	o
7	-1	3	427.1	410.2	146.3	<
8	-1	3	2473.5	2626.0	77.1	o
9	-1	3	528.8	468.7	185.3	<
10	-1	3	4106.3	3852.8	130.9	o
11	-1	3	72.6	146.1	177.5	<
12	-1	3	3572.3	3309.3	142.6	o
-12	0	3	14.9	106.3	101.6	<
-10	0	3	116.7	172.7	74.2	<
-8	0	3	175.3	115.2	55.7	o
-6	0	3	623.7	715.4	54.8	o
-4	0	3	142.3	106.8	40.3	o
-2	0	3	628.6	514.7	38.3	o
2	0	3	576.9	514.3	71.4	o
4	0	3	172.2	117.4	91.1	<
6	0	3	733.0	720.0	129.8	o
8	0	3	216.9	115.0	172.4	<
9	0	3	3741.4	3591.6	114.6	o
10	0	3	86.5	187.5	137.6	<
11	0	3	9231.2	8380.9	225.3	o
12	0	3	245.3	114.7	190.0	<
13	0	3	1613.5	1587.2	271.0	o
-11	1	3	43.5	144.7	101.7	<
-9	1	3	423.4	473.2	86.6	o
-7	1	3	338.5	407.9	64.7	o
-5	1	3	364.6	313.9	56.6	o
-1	1	3	566.7	476.9	44.5	o
1	1	3	708.7	677.8	87.7	o
3	1	3	10.9	68.6	52.4	<
5	1	3	563.6	383.3	110.0	o
7	1	3	988.2	483.0	162.9	o
9	1	3	239.7	459.6	127.0	<
11	1	3	317.5	185.0	219.4	<
13	1	3	864.9	544.8	266.6	o
-12	2	3	373.0	364.2	134.2	<
-10	2	3	111.6	172.7	86.9	<
-8	2	3	1087.2	1262.9	72.1	o
-6	2	3	145.2	17.4	62.3	<
-4	2	3	375.5	347.4	53.5	o
-2	2	3	113.9	128.2	38.3	<
4	2	3	676.2	238.2	167.2	o
6	2	3	58.7	109.5	95.0	<
8	2	3	833.9	996.1	168.4	o
10	2	3	38.4	250.3	149.6	<
12	2	3	260.6	353.2	179.1	<

-11	3	3	137.9	185.4	113.6 <
-9	3	3	141.2	14.9	88.6 <
-7	3	3	913.5	1201.9	89.9 o
-5	3	3	498.6	423.8	64.4 o
-3	3	3	540.3	600.9	58.4 o
-1	3	3	393.0	405.8	72.7 o
1	3	3	495.8	207.7	98.6 o
3	3	3	995.4	1215.5	99.3 o
5	3	3	419.9	414.3	131.7 o
7	3	3	1127.0	1260.0	180.2 o
9	3	3	159.1	93.7	158.4 <
11	3	3	81.7	200.6	200.7 <
12	3	3	2661.6	2598.9	286.1 o
-10	4	3	249.8	189.8	201.9 <
-8	4	3	161.1	206.5	142.2 <
-6	4	3	542.0	500.9	127.4 o
-4	4	3	94.8	91.6	76.7 <
-2	4	3	501.9	492.5	95.0 o
2	4	3	220.9	403.7	80.4 <
4	4	3	241.5	217.0	127.4 <
6	4	3	340.5	339.8	144.7 <
8	4	3	-34.1	104.0	140.9 <
10	4	3	91.8	181.6	189.1 <
-9	5	3	368.2	366.4	180.5 <
-7	5	3	81.3	156.1	164.1 <
-5	5	3	67.6	176.1	98.0 <
-3	5	3	301.6	496.1	106.4 <
-1	5	3	1035.8	986.4	117.4 o
1	5	3	1133.5	1315.2	119.6 o
5	5	3	254.8	172.9	155.9 <
7	5	3	153.3	136.0	195.4 <
8	5	3	1551.4	839.6	176.6 o
9	5	3	202.1	343.5	215.6 <
-6	6	3	95.5	124.7	128.5 <
-4	6	3	63.2	189.8	116.2 <
-2	6	3	96.3	254.4	102.5 <
2	6	3	247.1	92.8	135.5 <
4	6	3	50.1	137.0	109.0 <
6	6	3	101.8	35.0	206.2 <
-3	7	3	158.6	351.9	146.4 <
-1	7	3	41.1	198.1	117.9 <
1	7	3	162.8	171.5	162.2 <
2	7	3	772.9	698.1	135.8 o
3	7	3	432.8	346.8	194.8 <
-1	-7	4	80302.0	75386.1	1637.9 o
0	-7	4	444.5	90.8	235.0 <
1	-7	4	91338.5	89005.0	1835.5 o
2	-7	4	98.9	20.0	130.1 <
3	-7	4	54696.1	55793.4	1062.5 o
4	-7	4	130.0	0.0	165.9 <
-6	-6	4	25474.4	22156.4	640.4 o
-2	-6	4	83086.9	84388.1	1660.0 o
0	-6	4	121881.0	113011.6	2351.7 o
1	-6	4	80.7	22.5	81.5 <

2	-6	4	57136.4	57877.8	1093.5	o
3	-6	4	136.8	40.2	108.8	<
4	-6	4	46799.7	42799.2	926.5	o
5	-6	4	61.8	26.8	119.3	<
6	-6	4	45.4	261.0	165.4	<
7	-6	4	-43.7	5.3	127.7	<
-7	-5	4	96584.3	95986.7	1897.5	o
-5	-5	4	128609.0	124554.5	2463.0	o
-3	-5	4	142817.0	127929.1	2711.3	o
-1	-5	4	139691.0	139430.0	2562.1	o
0	-5	4	71.7	42.0	66.3	<
1	-5	4	97144.1	91996.3	1800.4	o
2	-5	4	47.7	0.6	70.3	<
3	-5	4	25760.7	26312.6	534.7	o
4	-5	4	83.6	5.2	76.3	<
5	-5	4	1131.2	462.2	198.5	o
6	-5	4	99.8	60.3	119.7	<
8	-5	4	60.3	26.3	108.9	<
-8	-4	4	71764.4	73075.5	1435.3	o
-6	-4	4	130758.0	120105.8	2482.6	o
-4	-4	4	72183.4	71420.4	1418.1	o
-2	-4	4	118467.5	119812.3	2172.4	o
0	-4	4	59575.1	57007.9	1115.1	o
1	-4	4	80.3	49.7	41.6	<
2	-4	4	20484.4	20956.6	422.6	o
3	-4	4	85.0	27.3	46.2	<
5	-4	4	19.3	34.5	83.8	<
6	-4	4	62781.8	58541.4	1275.1	o
7	-4	4	41.9	2.4	98.2	<
8	-4	4	111268.0	109084.2	2161.6	o
9	-4	4	163.9	7.9	162.0	<
-7	-3	4	129273.0	129804.8	2445.7	o
-5	-3	4	94350.3	101835.6	1737.3	o
-3	-3	4	45629.9	45667.6	857.0	o
-1	-3	4	38842.9	37940.1	735.1	o
0	-3	4	196.0	131.3	53.6	o
2	-3	4	28.5	21.3	40.0	<
3	-3	4	128155.0	119796.9	2346.2	o
4	-3	4	58.0	8.6	42.2	<
5	-3	4	111455.0	99887.4	2114.2	o
6	-3	4	87.2	16.9	69.4	<
7	-3	4	135171.0	133115.8	2569.6	o
8	-3	4	69.9	12.3	98.4	<
9	-3	4	111309.0	120193.5	2170.7	o
10	-3	4	-37.7	3.0	177.1	<
11	-3	4	63747.0	69748.2	1347.5	o
-10	-2	4	48942.9	51523.6	972.1	o
-8	-2	4	83799.3	90734.3	1556.5	o
-4	-2	4	5966.5	5883.3	153.3	o
-2	-2	4	178706.0	168327.8	3245.8	o
1	-2	4	155.2	94.1	29.2	o
2	-2	4	354339.5	324423.5	6405.3	o
4	-2	4	195265.0	181213.5	3595.6	o
5	-2	4	91.6	14.5	52.8	<

6	-2	4	327359.0	301915.4	5997.4	o
7	-2	4	94.8	5.4	64.9	<
8	-2	4	136492.0	142141.7	2588.4	o
9	-2	4	66.7	3.8	73.1	<
10	-2	4	121149.0	114063.1	2350.9	o
11	-2	4	97.0	17.7	108.6	<
12	-2	4	34848.3	35438.2	826.4	o
-11	-1	4	56768.6	58457.5	1082.6	o
-9	-1	4	36213.4	38076.6	681.6	o
-7	-1	4	21460.3	21471.3	412.6	o
-5	-1	4	10115.0	10127.1	215.9	o
-3	-1	4	147578.0	151387.6	2676.8	o
-1	-1	4	178522.0	188955.6	3239.1	o
0	-1	4	61.2	61.8	32.0	<
1	-1	4	227594.7	233958.8	4111.3	o
3	-1	4	274632.0	272889.9	4965.9	o
4	-1	4	129.7	17.1	45.0	<
5	-1	4	188527.0	180233.2	3476.0	o
6	-1	4	106.1	29.4	44.2	<
7	-1	4	115211.0	118452.7	2191.8	o
8	-1	4	115.9	14.0	56.5	<
9	-1	4	75366.8	77491.5	1501.7	o
10	-1	4	111.7	4.4	73.7	<
12	-1	4	40.6	1.8	94.2	<
-8	0	4	59518.3	62021.4	1099.3	o
-4	0	4	307335.0	294939.7	5548.5	o
-2	0	4	221329.7	225796.1	4001.8	o
2	0	4	214836.5	225448.1	3891.9	o
3	0	4	67.3	2.1	33.6	<
4	0	4	318212.0	295174.2	5796.2	o
5	0	4	50.7	11.0	39.4	<
6	0	4	107831.0	105756.9	2038.2	o
7	0	4	20.2	2.7	45.2	<
8	0	4	61346.6	62239.8	1232.7	o
9	0	4	29.7	0.0	56.5	<
11	0	4	115.1	9.2	79.1	<
12	0	4	3129.7	4317.9	305.6	o
-9	1	4	75958.5	77891.0	1400.1	o
-7	1	4	106533.8	117536.0	1943.7	o
-3	1	4	267250.6	272361.9	4822.1	o
-1	1	4	213265.0	234241.5	3863.5	o
0	1	4	75.2	59.5	34.6	<
1	1	4	188855.3	188890.2	3413.2	o
3	1	4	139643.0	151306.2	2577.3	o
5	1	4	10233.4	10555.6	296.0	o
6	1	4	28.1	31.9	46.4	<
8	1	4	46.1	15.1	50.5	<
10	1	4	62.1	3.8	73.7	<
11	1	4	58061.4	58743.6	1222.6	o
12	1	4	25.9	1.8	103.9	<
-12	2	4	34564.9	35594.1	719.2	o
-2	2	4	334392.7	324232.9	6040.6	o
1	2	4	175.4	92.8	42.4	o
2	2	4	178929.0	168371.9	3247.4	o

3	2	4	115.2	6.6	38.2 o
5	2	4	49.6	15.1	50.0 <
6	2	4	706.7	552.7	130.7 o
7	2	4	86.2	6.3	52.5 <
8	2	4	90819.9	91184.4	1769.4 o
9	2	4	84.5	4.0	66.8 <
10	2	4	50147.8	51080.3	1071.9 o
11	2	4	104.2	19.3	87.2 <
12	2	4	58004.7	58020.7	1236.1 o
-11	3	4	62606.9	70327.6	1192.3 o
-3	3	4	109663.5	120354.4	2017.8 o
0	3	4	156.4	146.1	96.6 <
2	3	4	37.6	20.1	48.7 <
4	3	4	85.1	8.6	53.8 <
5	3	4	94875.5	101786.4	1821.0 o
6	3	4	85.7	19.1	62.5 <
7	3	4	122999.0	129716.6	2350.0 o
8	3	4	51.9	12.7	63.8 <
9	3	4	111141.0	111593.4	2163.9 o
10	3	4	93.9	2.9	89.5 <
11	3	4	91904.7	90173.7	1843.7 o
-10	4	4	70384.9	72883.3	1454.2 o
-4	4	4	57608.1	59890.9	1097.7 o
1	4	4	47.5	48.2	62.6 <
3	4	4	115.0	32.0	69.6 <
4	4	4	71820.1	71461.5	1416.8 o
5	4	4	102.6	35.4	78.1 <
6	4	4	109904.0	120419.0	2117.0 o
7	4	4	48.0	3.1	110.6 <
8	4	4	68933.5	72615.5	1401.2 o
9	4	4	63.1	8.1	98.8 <
10	4	4	84072.3	79110.5	1703.5 o
-5	5	4	415.3	460.4	114.2 o
-3	5	4	30060.9	26523.4	615.0 o
-1	5	4	90753.5	91355.4	1698.9 o
0	5	4	94.9	49.5	85.7 <
1	5	4	128648.5	139452.3	2376.3 o
2	5	4	125.1	0.5	98.7 <
4	5	4	70.1	5.3	80.3 <
6	5	4	101.5	64.0	98.7 <
7	5	4	95784.9	96067.4	1896.7 o
8	5	4	8.8	27.7	132.8 <
9	5	4	50899.1	49444.7	1114.4 o
-6	6	4	326.1	486.1	140.8 <
-2	6	4	62928.4	58281.1	1214.9 o
0	6	4	103145.3	113051.8	1933.9 o
1	6	4	66.1	21.5	84.5 <
2	6	4	90327.4	84811.8	1787.4 o
3	6	4	10.3	44.3	87.8 <
4	6	4	84908.6	88772.4	1616.4 o
5	6	4	72.8	27.5	105.0 <
6	6	4	20893.0	22104.4	560.8 o
7	6	4	253.1	6.2	194.4 <
0	7	4	197.5	99.0	209.6 <

1	7	4	71858.5	74855.1	1486.2	o
2	7	4	104.2	19.3	105.0	<
3	7	4	43182.4	45341.5	975.4	o
1	-7	5	113.4	13.9	188.5	<
-6	-6	5	55.3	27.9	215.8	<
-4	-6	5	40.8	245.7	161.1	<
-2	-6	5	344.5	340.0	175.8	<
1	-6	5	813.2	889.4	115.6	o
2	-6	5	228.6	270.4	111.4	<
4	-6	5	269.8	163.7	179.4	<
6	-6	5	204.9	164.0	201.9	<
-7	-5	5	92.7	232.3	140.8	<
-5	-5	5	106.1	0.8	170.9	<
-3	-5	5	791.2	498.4	222.6	o
-1	-5	5	1824.1	1792.6	116.5	o
1	-5	5	2451.3	2344.9	121.2	o
3	-5	5	106.8	82.5	99.9	<
5	-5	5	104.9	5.9	151.6	<
7	-5	5	94.6	214.6	184.4	<
-8	-4	5	301.5	334.1	164.3	<
-6	-4	5	665.8	496.6	197.6	o
-4	-4	5	694.2	720.2	92.4	o
-2	-4	5	1525.6	1591.4	84.7	o
1	-4	5	924.7	951.7	62.6	o
2	-4	5	1294.1	1295.1	101.1	o
4	-4	5	1287.5	1336.0	147.9	o
6	-4	5	205.3	127.2	126.4	<
8	-4	5	186.8	323.1	165.0	<
9	-4	5	955.7	1356.1	152.3	o
-9	-3	5	115.6	171.1	148.7	<
-7	-3	5	1439.1	1750.6	96.1	o
-5	-3	5	1539.4	1564.3	108.3	o
-3	-3	5	137.1	224.1	64.8	<
-1	-3	5	282.8	333.0	74.2	o
1	-3	5	861.1	711.7	65.9	o
2	-3	5	44315.7	43324.5	818.4	o
3	-3	5	960.0	963.6	86.1	o
4	-3	5	8733.5	9846.9	194.0	o
5	-3	5	1153.5	1337.7	143.9	o
6	-3	5	22072.4	24251.8	432.4	o
7	-3	5	2361.4	2508.9	209.5	o
9	-3	5	44.1	27.2	166.9	<
10	-3	5	1345.9	2897.6	235.6	o
-10	-2	5	219.2	277.7	135.5	<
-8	-2	5	1780.2	2217.9	111.9	o
-6	-2	5	103.4	180.6	70.2	<
-4	-2	5	495.4	372.7	84.4	o
-2	-2	5	2437.1	2300.1	102.8	o
1	-2	5	2187.7	2135.9	62.5	o
2	-2	5	1858.6	1651.1	80.6	o
3	-2	5	32444.8	31700.5	603.0	o
4	-2	5	575.7	576.1	125.4	o
5	-2	5	70679.7	63755.2	1301.4	o
6	-2	5	91.6	28.8	120.8	<

7	-2	5	4972.3	5081.2	137.9 o
8	-2	5	2157.1	2400.9	188.5 o
9	-2	5	1575.5	1808.8	103.2 o
10	-2	5	212.3	336.1	176.9 <
11	-2	5	1030.8	994.0	139.2 o
-11	-1	5	139.7	161.5	77.4 <
-9	-1	5	219.3	143.0	73.5 <
-7	-1	5	1138.9	1320.2	90.9 o
-5	-1	5	776.1	673.7	77.9 o
-3	-1	5	108.1	132.9	49.2 <
-1	-1	5	3731.4	3703.6	111.9 o
1	-1	5	4735.7	4378.4	111.3 o
3	-1	5	163.6	21.2	96.8 <
5	-1	5	570.7	506.6	123.2 o
6	-1	5	30654.5	31115.1	580.9 o
7	-1	5	1156.5	1394.1	187.1 o
8	-1	5	29110.7	30417.6	556.7 o
9	-1	5	309.9	208.9	174.3 <
10	-1	5	3127.3	3564.6	117.7 o
11	-1	5	188.9	231.0	189.9 <
12	-1	5	5213.0	4389.4	206.3 o
-12	0	5	152.4	147.1	126.4 <
-10	0	5	43.3	4.0	82.5 <
-8	0	5	984.4	1235.2	76.1 o
-6	0	5	647.7	830.1	58.3 o
-4	0	5	1699.8	1770.8	78.7 o
-2	0	5	4452.3	4255.0	112.3 o
2	0	5	4487.6	4251.1	106.1 o
4	0	5	1674.9	1773.4	117.0 o
6	0	5	721.0	823.7	143.6 o
7	0	5	5102.3	5459.9	121.5 o
8	0	5	1086.0	1217.1	188.8 o
9	0	5	2806.6	2390.7	102.2 o
10	0	5	40.0	5.2	156.6 <
11	0	5	819.4	967.1	103.3 o
12	0	5	77.7	136.4	240.4 <
-11	1	5	151.2	232.0	86.1 <
-9	1	5	221.3	201.4	73.0 o
-7	1	5	1286.2	1388.4	81.3 o
-5	1	5	449.0	506.0	60.7 o
-1	1	5	4463.5	4381.6	101.5 o
1	1	5	3868.9	3702.9	89.9 o
3	1	5	33.1	142.6	69.7 <
5	1	5	736.9	671.7	155.0 o
7	1	5	1265.4	1342.0	196.8 o
9	1	5	6.5	151.1	177.9 <
10	1	5	3949.6	3575.8	130.4 o
11	1	5	272.6	166.9	210.8 <
12	1	5	4430.9	4324.1	245.2 o
-10	2	5	292.6	331.6	101.5 <
-8	2	5	2067.4	2405.7	99.6 o
-6	2	5	107.4	27.0	62.2 <
-4	2	5	561.8	577.1	68.1 o
-2	2	5	1735.7	1649.0	79.7 o

1	2	5	2419.4	2226.0	72.8 o
2	2	5	2302.5	2300.6	130.5 o
3	2	5	49558.5	31713.8	909.6 o
4	2	5	267.0	364.1	121.7 <
6	2	5	64.0	169.5	116.4 <
8	2	5	2040.0	2203.3	220.2 o
10	2	5	290.5	272.3	183.1 <
11	2	5	1381.2	1012.5	126.2 o
-11	3	5	87.9	26.9	116.9 <
-9	3	5	91.4	29.0	84.7 <
-7	3	5	2249.0	2509.4	109.3 o
-5	3	5	1134.1	1332.8	119.9 o
-3	3	5	822.0	968.9	92.5 o
-1	3	5	729.4	711.9	127.0 o
1	3	5	343.6	341.4	94.0 o
3	3	5	232.4	222.9	106.1 <
5	3	5	1747.8	1582.7	204.1 o
7	3	5	1448.3	1754.6	217.8 o
9	3	5	153.0	182.5	212.9 <
11	3	5	86.2	19.8	182.4 <
-10	4	5	40.3	19.7	228.4 <
-8	4	5	484.0	318.6	200.5 <
-6	4	5	121.7	123.4	137.9 <
-4	4	5	1169.2	1350.8	132.7 o
-2	4	5	1120.1	1277.7	110.8 o
4	4	5	680.5	716.7	141.7 o
6	4	5	475.1	489.0	210.1 <
8	4	5	172.8	328.8	185.4 <
10	4	5	109.3	51.2	193.1 <
-7	5	5	44.9	216.6	168.4 <
-5	5	5	134.4	5.0	107.1 <
-3	5	5	212.6	73.7	114.5 <
-1	5	5	1786.9	2360.2	123.7 o
2	5	5	52274.5	28364.3	1012.7 o
3	5	5	594.0	508.9	180.3 o
5	5	5	48.5	1.0	162.4 <
7	5	5	299.8	233.5	206.9 <
-6	6	5	80.5	172.6	179.1 <
-4	6	5	179.4	158.2	118.4 <
-2	6	5	221.6	275.6	121.8 <
1	6	5	1627.4	1002.1	131.4 o
2	6	5	287.4	345.1	196.8 <
4	6	5	44.0	245.4	176.9 <
6	6	5	130.8	25.8	209.5 <
-4	-6	6	78187.6	69404.7	1597.4 o
-2	-6	6	167782.0	151264.1	3200.1 o
1	-6	6	166.3	72.8	99.8 <
2	-6	6	114689.5	107182.4	2137.3 o
3	-6	6	174.4	183.0	121.6 <
4	-6	6	41797.4	41805.0	898.6 o
5	-6	6	95.8	40.2	162.6 <
-7	-5	6	77766.9	76867.8	1583.8 o
-5	-5	6	123139.0	115888.8	2386.4 o
-1	-5	6	109397.5	104510.5	2028.3 o

0	-5	6	18.9	135.9	90.2	<
1	-5	6	89086.5	85743.6	1664.7	o
2	-5	6	172.0	114.6	63.1	<
3	-5	6	35695.2	33730.1	771.8	o
4	-5	6	185.3	125.9	117.3	<
5	-5	6	2962.4	3366.3	258.2	o
6	-5	6	79.8	195.7	123.0	<
8	-5	6	189.6	27.7	229.0	<
-8	-4	6	168050.0	168412.3	3194.0	o
-6	-4	6	21997.7	21946.3	556.8	o
-4	-4	6	177114.5	172191.0	3242.3	o
-2	-4	6	104903.5	102338.7	1941.2	o
0	-4	6	39396.6	43962.2	764.6	o
1	-4	6	138.8	121.0	58.3	<
2	-4	6	17166.0	17904.1	374.3	o
3	-4	6	243.1	300.2	60.6	o
4	-4	6	4042.4	4074.2	198.4	o
5	-4	6	72.4	57.1	69.5	<
6	-4	6	140489.0	134249.8	2679.0	o
7	-4	6	153.8	42.1	102.4	<
9	-4	6	235.6	183.6	138.4	<
-9	-3	6	14807.5	16087.6	421.9	o
-7	-3	6	100287.5	104287.4	1862.6	o
-5	-3	6	83866.3	87255.2	1563.4	o
-3	-3	6	50983.9	51526.0	965.9	o
-1	-3	6	26915.8	28055.0	533.9	o
0	-3	6	298.6	335.7	72.9	o
1	-3	6	33550.1	33602.7	655.6	o
2	-3	6	289.0	255.6	55.1	o
3	-3	6	262626.0	247630.3	4820.6	o
4	-3	6	249.8	197.8	72.2	o
5	-3	6	92451.0	83827.4	1785.2	o
6	-3	6	300.7	229.2	80.2	o
7	-3	6	82837.2	88599.3	1641.9	o
8	-3	6	121.0	25.4	92.2	<
9	-3	6	200349.0	199994.3	3778.9	o
10	-3	6	28.8	30.1	202.7	<
-10	-2	6	129049.0	132230.1	2433.5	o
-8	-2	6	83596.0	89860.2	1565.7	o
-6	-2	6	1498.9	1577.4	104.4	o
-4	-2	6	4391.3	4346.7	144.7	o
-2	-2	6	18418.2	16775.4	384.7	o
0	-2	6	347885.0	331455.0	6301.4	o
1	-2	6	353.0	180.1	59.6	o
2	-2	6	38958.1	38651.4	729.7	o
3	-2	6	454.5	488.3	63.1	o
4	-2	6	139579.0	137547.5	2606.0	o
5	-2	6	93.8	62.3	65.6	<
6	-2	6	220142.0	223347.4	4079.9	o
7	-2	6	78.9	57.3	70.5	<
8	-2	6	82906.1	91932.3	1647.8	o
9	-2	6	226.2	248.4	87.4	<
11	-2	6	143.8	11.9	133.6	<
-11	-1	6	50544.8	55117.8	991.3	o

-9	-1	6	12151.4	12028.1	273.6	o
-7	-1	6	19715.6	18497.7	398.7	o
-5	-1	6	8429.0	8799.0	197.6	o
-3	-1	6	315633.3	308687.7	5710.3	o
-1	-1	6	179414.0	180724.9	3268.0	o
0	-1	6	284.5	332.5	64.3	o
1	-1	6	201428.3	211582.2	3647.5	o
2	-1	6	290.6	339.5	43.4	o
3	-1	6	434667.5	430243.0	7864.5	o
4	-1	6	329.6	284.1	62.9	o
5	-1	6	138288.0	136519.0	2593.2	o
6	-1	6	337.9	319.0	72.8	o
7	-1	6	94306.1	99711.6	1833.6	o
8	-1	6	84.2	32.5	73.2	<
9	-1	6	141677.0	136541.0	2708.4	o
10	-1	6	104.6	39.6	80.0	<
-6	0	6	195535.0	211086.6	3557.3	o
-4	0	6	32124.5	34570.4	614.4	o
-2	0	6	194983.7	205292.3	3535.8	o
0	0	6	343326.3	335865.8	6201.7	o
1	0	6	273.5	201.4	41.7	o
2	0	6	194943.0	205906.9	3530.5	o
3	0	6	577.3	553.3	53.2	o
4	0	6	33826.9	34540.6	658.6	o
5	0	6	66.0	50.9	52.3	<
6	0	6	216711.0	210769.6	4013.9	o
7	0	6	119.7	71.9	61.1	<
9	0	6	366.6	271.5	76.9	o
11	0	6	90.7	3.3	87.4	<
-9	1	6	117891.6	137269.0	2159.9	o
-3	1	6	423316.0	430889.0	7648.5	o
-1	1	6	194870.3	211083.3	3532.4	o
0	1	6	424.1	333.4	51.1	o
1	1	6	180106.3	180840.3	3264.2	o
2	1	6	379.9	332.8	48.0	o
3	1	6	308991.0	308484.7	5642.5	o
4	1	6	350.3	286.5	61.9	o
5	1	6	8878.3	8879.4	284.7	o
6	1	6	343.5	321.5	56.6	o
8	1	6	30.4	32.1	62.3	<
9	1	6	10820.1	12517.5	374.7	o
10	1	6	114.7	40.2	73.8	<
11	1	6	51110.6	54275.4	1121.2	o
-8	2	6	84766.3	90229.4	1564.5	o
-2	2	6	39541.0	38675.8	745.8	o
0	2	6	339624.0	331498.9	6147.1	o
1	2	6	264.1	182.8	84.6	o
2	2	6	16987.3	16769.8	400.5	o
3	2	6	644.6	487.9	60.7	o
4	2	6	4392.0	4372.6	196.1	o
5	2	6	106.5	63.4	55.1	<
6	2	6	2347.2	2050.9	187.7	o
7	2	6	100.6	57.6	59.2	<
8	2	6	86586.9	89042.8	1714.7	o

9	2	6	400.2	248.5	81.6	o
10	2	6	138211.0	132527.2	2674.7	o
11	2	6	67.2	10.8	102.2	<
-7	3	6	78778.7	86707.6	1469.7	o
-3	3	6	228479.0	247888.0	4161.2	o
-1	3	6	31853.1	33795.9	671.0	o
0	3	6	317.8	333.8	113.9	<
2	3	6	365.2	258.5	98.8	o
4	3	6	349.5	194.5	101.0	o
5	3	6	83156.0	87084.1	1633.4	o
6	3	6	280.3	229.4	77.4	o
7	3	6	104213.0	104287.7	2033.5	o
8	3	6	150.3	25.2	78.0	<
9	3	6	17142.8	16727.7	511.1	o
10	3	6	103.8	30.7	86.2	<
-4	4	6	3530.3	3774.6	218.8	o
1	4	6	142.1	124.4	129.1	<
2	4	6	104075.0	102495.8	2000.8	o
3	4	6	456.4	299.7	92.8	o
5	4	6	121.9	59.0	112.2	<
6	4	6	21056.6	22034.6	536.4	o
7	4	6	113.6	42.5	130.0	<
8	4	6	173364.0	168336.5	3306.5	o
9	4	6	346.7	182.7	118.6	<
-5	5	6	3011.0	3327.8	221.5	o
0	5	6	176.4	135.3	155.1	<
2	5	6	274.1	111.8	93.4	<
4	5	6	167.1	126.3	96.8	<
5	5	6	105130.0	115897.6	2066.1	o
6	5	6	367.0	198.1	158.9	<
7	5	6	73200.6	76695.8	1516.0	o
1	6	6	255.4	75.0	141.6	<
3	6	6	289.6	182.3	112.3	<
4	6	6	64140.8	69461.4	1352.0	o
5	6	6	69.5	41.3	135.4	<
-2	-6	7	145.6	146.9	163.3	<
2	-6	7	99.2	70.7	112.7	<
-5	-5	7	396.7	513.5	180.3	<
-3	-5	7	29.0	141.7	157.6	<
-1	-5	7	219.6	119.8	121.6	<
1	-5	7	79.1	205.5	90.4	<
3	-5	7	482.1	435.6	171.5	<
7	-5	7	199.1	394.7	176.2	<
-8	-4	7	85.5	134.3	166.3	<
-6	-4	7	58.8	130.9	169.7	<
-4	-4	7	121.9	84.8	95.2	<
-2	-4	7	180.4	178.8	106.7	<
2	-4	7	58.9	123.9	77.6	<
3	-4	7	14778.8	16044.0	311.4	o
4	-4	7	370.4	433.8	167.8	<
6	-4	7	416.2	445.9	191.0	<
8	-4	7	223.9	74.5	192.4	<
-9	-3	7	111.2	284.0	178.1	<
-7	-3	7	29.4	127.5	88.8	<

-5	-3	7	167.8	208.0	93.2	<
-3	-3	7	708.8	643.2	107.2	o
-1	-3	7	348.6	421.7	96.2	o
1	-3	7	1059.2	975.6	117.4	o
2	-3	7	7964.5	8748.2	178.4	o
3	-3	7	84.3	87.1	120.5	<
4	-3	7	27178.4	29370.4	522.4	o
5	-3	7	60.6	91.2	136.4	<
7	-3	7	171.4	174.5	136.8	<
8	-3	7	3528.2	4118.8	139.9	o
9	-3	7	138.2	45.2	180.4	<
10	-3	7	396.2	392.9	193.3	<
-10	-2	7	25.2	77.3	99.8	<
-8	-2	7	28.4	167.2	95.0	<
-6	-2	7	84.1	107.0	86.0	<
-4	-2	7	442.7	426.4	94.4	o
-2	-2	7	378.2	403.7	81.3	o
1	-2	7	7322.3	7470.3	165.3	o
2	-2	7	127.7	141.4	64.7	<
3	-2	7	21365.8	21656.5	414.5	o
4	-2	7	848.2	911.7	101.1	o
5	-2	7	22800.8	24164.2	451.8	o
6	-2	7	118.5	17.0	127.8	<
7	-2	7	16229.6	17645.6	344.3	o
8	-2	7	19.3	165.4	167.4	<
9	-2	7	1282.7	1565.3	122.0	o
10	-2	7	158.6	87.6	212.8	<
-9	-1	7	282.5	389.3	101.1	<
-7	-1	7	41.6	160.7	72.8	<
-5	-1	7	851.2	881.1	91.4	o
-3	-1	7	188.0	186.0	75.7	<
-1	-1	7	45.6	55.2	67.8	<
1	-1	7	153.6	205.5	73.5	<
3	-1	7	71.6	29.6	75.8	<
4	-1	7	38215.3	36688.9	712.2	o
5	-1	7	799.8	806.7	156.5	o
6	-1	7	23164.1	25310.8	452.9	o
7	-1	7	125.7	102.1	155.6	<
8	-1	7	4990.5	5691.0	147.7	o
9	-1	7	373.0	386.2	185.8	<
10	-1	7	489.1	479.1	94.6	o
-10	0	7	607.1	454.9	116.5	o
-8	0	7	138.3	344.6	86.3	<
-6	0	7	231.5	187.8	83.5	<
-4	0	7	128.3	191.2	62.3	<
-2	0	7	102.1	169.4	59.6	<
2	0	7	165.1	179.1	76.0	<
3	0	7	29927.6	27023.6	561.6	o
4	0	7	143.9	190.5	135.4	<
5	0	7	26099.1	25780.0	503.6	o
6	0	7	215.7	192.3	145.0	<
7	0	7	21407.9	21206.8	426.0	o
8	0	7	208.6	373.8	162.4	<
9	0	7	1312.0	1483.1	110.7	o

10	0	7	488.4	454.6	215.6 <
11	0	7	1361.0	1850.4	239.7 o
-9	1	7	271.0	397.5	90.6 <
-7	1	7	77.4	102.1	70.4 <
-5	1	7	641.6	809.3	92.4 o
-3	1	7	54.4	27.2	64.3 <
-1	1	7	141.2	197.7	65.4 <
1	1	7	12.3	57.0	45.1 <
2	1	7	12940.2	12521.9	262.8 o
3	1	7	105.7	171.2	96.7 <
5	1	7	930.7	886.1	182.4 o
6	1	7	28486.0	25446.3	551.8 o
7	1	7	-19.8	141.6	139.3 <
8	1	7	6118.4	5598.5	156.6 o
9	1	7	234.3	376.5	179.2 <
10	1	7	480.8	484.2	97.2 o
-10	2	7	159.6	91.6	108.3 <
-8	2	7	47.0	151.0	85.2 <
-6	2	7	59.9	18.1	70.4 <
-4	2	7	829.8	913.2	96.6 o
-2	2	7	132.1	142.0	91.8 <
2	2	7	317.0	403.6	124.1 <
4	2	7	383.1	436.1	148.1 <
6	2	7	219.5	113.7	150.2 <
8	2	7	65.7	198.3	146.6 <
9	2	7	1878.1	1554.7	113.8 o
10	2	7	-3.3	83.5	258.1 <
-9	3	7	61.4	42.4	98.9 <
-7	3	7	97.2	167.1	97.9 <
-5	3	7	37.4	91.7	99.8 <
-3	3	7	65.9	83.5	133.9 <
-1	3	7	794.1	972.1	155.1 o
1	3	7	358.6	412.5	130.5 <
2	3	7	9125.0	8708.5	232.5 o
3	3	7	617.6	644.1	170.8 o
5	3	7	60.0	186.2	133.9 <
7	3	7	318.0	128.7	216.4 <
9	3	7	234.5	266.1	207.5 <
10	3	7	601.9	381.1	242.8 <
-8	4	7	129.8	77.3	153.6 <
-6	4	7	290.4	452.7	135.0 <
-4	4	7	223.4	410.0	175.4 <
-2	4	7	67.0	138.7	86.6 <
2	4	7	123.8	197.0	170.9 <
4	4	7	37.6	90.3	142.0 <
6	4	7	-71.2	137.7	153.1 <
8	4	7	262.1	145.4	254.4 <
-5	5	7	393.0	441.3	213.4 <
-3	5	7	432.9	448.4	130.6 o
-1	5	7	-57.7	176.0	153.3 <
1	5	7	36.7	127.1	146.3 <
3	5	7	130.9	130.4	184.9 <
5	5	7	504.7	513.4	228.6 <
-4	6	7	422.1	424.8	254.9 <

-2	6	7	32.7	66.1	172.2	<
2	6	7	190.1	136.2	230.2	<
0	-6	8	127730.0	122792.6	2417.6	o
1	-6	8	272.1	3.1	178.3	<
-5	-5	8	40678.0	38948.8	926.7	o
-3	-5	8	159335.0	145195.9	3046.4	o
-1	-5	8	55270.8	56669.1	1068.9	o
0	-5	8	141.6	57.6	97.0	<
1	-5	8	29126.8	32195.6	600.3	o
2	-5	8	65.5	20.1	87.9	<
3	-5	8	60490.2	58666.0	1246.4	o
4	-5	8	89.5	17.6	122.1	<
5	-5	8	3719.1	4109.0	282.2	o
-6	-4	8	162650.0	156183.2	3110.0	o
-4	-4	8	22945.1	23489.3	485.7	o
-2	-4	8	36561.3	35218.2	728.1	o
0	-4	8	46697.4	45204.5	909.1	o
1	-4	8	72.0	8.1	73.5	<
2	-4	8	21877.8	20896.3	535.0	o
3	-4	8	74.6	127.9	88.9	<
4	-4	8	70193.9	69065.9	1420.5	o
5	-4	8	32.8	10.5	81.4	<
6	-4	8	11557.1	12209.4	381.9	o
7	-4	8	164.4	9.5	135.7	<
-7	-3	8	36975.7	37925.9	743.7	o
-5	-3	8	20026.6	18021.3	436.1	o
-3	-3	8	90647.6	88280.5	1697.0	o
-1	-3	8	34307.9	35945.7	683.9	o
0	-3	8	76.9	143.5	85.3	<
1	-3	8	60056.6	61692.8	1143.2	o
2	-3	8	109.8	20.3	69.8	<
3	-3	8	1951.1	2464.6	184.4	o
4	-3	8	32.2	27.5	74.4	<
5	-3	8	92177.2	94753.1	1807.8	o
6	-3	8	127.7	34.5	87.0	<
7	-3	8	111020.0	111925.0	2165.0	o
8	-3	8	104.6	47.8	99.3	<
-8	-2	8	18923.6	17482.2	420.8	o
-6	-2	8	37741.4	38550.9	751.8	o
-4	-2	8	9891.4	9922.8	253.3	o
-2	-2	8	146613.5	144144.6	2697.8	o
0	-2	8	10421.1	10658.1	253.1	o
1	-2	8	88.3	9.9	64.0	<
2	-2	8	271815.0	273059.8	5016.4	o
3	-2	8	245.0	170.1	85.9	<
4	-2	8	165024.0	173537.0	3106.3	o
5	-2	8	79.8	7.8	64.5	<
6	-2	8	76198.5	77657.1	1447.3	o
7	-2	8	-11.3	10.5	84.3	<
8	-2	8	115433.0	116647.7	2248.9	o
9	-2	8	16.5	34.9	88.6	<
-9	-1	8	85983.8	86152.5	1606.0	o
-7	-1	8	6563.8	6559.7	176.7	o
-5	-1	8	29256.1	30847.4	577.3	o

-3	-1	8	3007.0	2923.3	124.6	o
-1	-1	8	193392.5	189844.8	3534.8	o
0	-1	8	133.8	96.3	88.2	<
1	-1	8	242090.0	244086.2	4407.9	o
2	-1	8	8.5	33.9	66.8	<
3	-1	8	43066.0	44354.8	902.0	o
4	-1	8	57.5	22.6	60.7	<
5	-1	8	172105.0	168703.0	3215.8	o
6	-1	8	59.9	52.9	67.3	<
7	-1	8	93661.9	97400.9	1836.7	o
8	-1	8	145.7	51.1	85.8	<
10	-1	8	85.8	32.3	115.9	<
-10	0	8	11899.5	10703.7	294.7	o
-8	0	8	55433.2	60631.8	1054.0	o
-6	0	8	20456.8	18203.0	421.4	o
-4	0	8	231099.3	248842.2	4201.2	o
-2	0	8	236632.0	234242.5	4295.3	o
0	0	8	174241.0	171043.7	3186.5	o
1	0	8	41.0	12.7	44.3	<
2	0	8	233019.0	233829.7	4305.5	o
3	0	8	234.2	160.2	67.3	o
4	0	8	239378.0	248873.2	4414.7	o
5	0	8	77.6	3.9	67.1	<
7	0	8	41.3	10.0	73.1	<
8	0	8	62375.5	60485.4	1293.1	o
9	0	8	52.3	32.6	83.3	<
-3	1	8	41316.6	42855.3	786.0	o
-1	1	8	246256.0	244421.5	4466.6	o
0	1	8	187.4	90.1	86.5	<
2	1	8	71.0	37.8	56.8	<
3	1	8	2698.2	3220.1	178.7	o
4	1	8	50.8	21.8	68.8	<
5	1	8	31009.0	30800.2	693.2	o
6	1	8	104.7	54.3	70.6	<
7	1	8	5319.9	6538.3	272.3	o
8	1	8	70.6	51.9	87.0	<
9	1	8	83283.4	85810.4	1693.5	o
10	1	8	223.1	30.9	125.5	<
-2	2	8	256305.0	273034.9	4669.1	o
1	2	8	115.8	8.4	121.7	<
2	2	8	139041.0	144150.2	2608.3	o
3	2	8	216.7	168.4	86.1	<
4	2	8	8372.8	9885.0	293.7	o
5	2	8	53.6	7.8	70.8	<
6	2	8	38443.9	38145.6	846.8	o
7	2	8	7.5	11.4	84.2	<
8	2	8	18694.1	18068.8	533.3	o
9	2	8	119.4	35.0	91.0	<
-3	3	8	1910.4	2098.6	138.3	o
0	3	8	178.0	153.4	126.1	<
2	3	8	110.5	19.0	80.2	<
3	3	8	85459.4	88365.3	1675.2	o
4	3	8	73.5	28.6	81.7	<
5	3	8	20427.1	18172.6	540.1	o

6	3	8	139.0	34.4	101.3	<
7	3	8	36740.8	37949.6	841.9	o
8	3	8	113.9	45.8	101.1	<
-4	4	8	62985.0	69184.6	1219.0	o
0	4	8	49446.7	45889.8	1024.7	o
1	4	8	192.9	6.3	172.4	<
3	4	8	167.8	126.7	131.7	<
5	4	8	90.0	10.5	108.3	<
6	4	8	151158.0	156101.9	2906.5	o
7	4	8	137.7	10.0	123.2	<
-5	5	8	4073.9	4165.6	308.9	o
0	5	8	81.2	57.0	193.9	<
1	5	8	64153.9	56535.5	1322.0	o
2	5	8	77.6	22.5	116.1	<
3	5	8	130665.0	145342.9	2530.5	o
4	5	8	166.6	17.5	143.2	<
5	5	8	34060.3	38935.7	810.6	o
1	6	8	148.8	2.1	142.7	<
-3	-5	9	258.4	245.9	175.3	<
-1	-5	9	61.3	74.5	101.7	<
1	-5	9	40.0	241.9	174.7	<
2	-5	9	2074.9	2641.1	144.0	o
-6	-4	9	27.5	249.4	162.9	<
-4	-4	9	168.9	186.9	117.6	<
-2	-4	9	65.8	70.4	110.8	<
1	-4	9	3412.9	3826.5	135.4	o
2	-4	9	142.2	258.8	145.2	<
3	-4	9	8712.7	9997.7	216.9	o
4	-4	9	229.6	167.3	206.7	<
5	-4	9	9637.5	10703.4	236.6	o
6	-4	9	-40.8	89.4	198.0	<
-7	-3	9	10.9	60.6	116.0	<
-5	-3	9	29.5	77.8	105.0	<
-3	-3	9	154.9	73.3	110.1	<
-1	-3	9	484.8	450.2	119.9	o
1	-3	9	186.4	77.8	140.4	<
2	-3	9	4717.9	4754.6	152.3	o
3	-3	9	403.6	435.9	185.0	<
4	-3	9	19876.0	19931.1	413.9	o
5	-3	9	156.7	172.4	181.8	<
6	-3	9	13190.6	12866.7	299.5	o
7	-3	9	109.8	257.0	137.9	<
8	-3	9	790.2	2135.5	240.0	o
-8	-2	9	-40.2	216.6	109.7	<
-6	-2	9	108.9	161.2	229.4	<
-4	-2	9	394.2	447.7	110.6	o
-2	-2	9	60.0	25.0	103.7	<
1	-2	9	4633.2	4251.2	149.6	o
2	-2	9	182.7	119.1	133.9	<
4	-2	9	135.3	181.9	149.6	<
5	-2	9	15740.9	14505.5	342.3	o
6	-2	9	-17.4	25.7	188.1	<
7	-2	9	12330.2	13808.6	289.8	o
8	-2	9	57.0	220.9	198.2	<

-9	-1	9	9.9	78.3	120.4	<
-7	-1	9	68.8	199.0	108.3	<
-5	-1	9	151.8	130.7	116.7	<
-3	-1	9	45.3	117.4	101.0	<
-1	-1	9	-13.9	29.1	82.5	<
1	-1	9	9.8	100.1	129.3	<
3	-1	9	14.2	18.7	133.9	<
6	-1	9	17113.3	16654.2	369.4	o
7	-1	9	161.2	144.4	187.7	<
8	-1	9	2632.5	2749.5	144.1	o
9	-1	9	112.2	128.9	251.5	<
-8	0	9	51.5	178.4	100.6	<
-6	0	9	216.5	375.4	106.0	<
-4	0	9	144.7	95.4	87.1	<
-2	0	9	75.7	82.2	74.9	<
2	0	9	38.6	87.9	151.3	<
3	0	9	18956.6	16958.7	391.7	o
5	0	9	17363.8	18411.7	357.2	o
6	0	9	381.5	366.1	192.9	<
7	0	9	13060.2	14324.8	285.4	o
8	0	9	129.8	169.2	170.8	<
9	0	9	1791.6	1785.5	135.7	o
-9	1	9	323.1	114.7	268.7	<
-7	1	9	-32.0	123.7	96.8	<
-5	1	9	274.8	251.0	96.3	<
-3	1	9	75.5	21.3	85.7	<
-1	1	9	-10.8	95.6	91.6	<
2	1	9	7500.0	6587.9	190.9	o
4	1	9	26740.3	25068.4	522.0	o
5	1	9	352.6	123.8	155.0	<
6	1	9	17326.5	16511.0	360.4	o
7	1	9	34.8	246.4	175.0	<
8	1	9	2716.8	2862.3	133.8	o
9	1	9	134.1	89.3	226.3	<
-8	2	9	205.1	213.9	115.6	<
-6	2	9	76.8	24.3	101.3	<
-4	2	9	87.3	181.1	119.0	<
-2	2	9	89.3	113.0	148.4	<
3	2	9	16161.1	16651.6	345.5	o
4	2	9	631.5	426.3	172.6	o
6	2	9	147.7	152.7	198.9	<
8	2	9	57.1	209.6	178.3	<
-7	3	9	111.1	245.3	140.8	<
-5	3	9	86.9	159.1	126.4	<
-3	3	9	299.3	443.4	122.0	<
-1	3	9	342.3	80.8	186.4	<
3	3	9	-134.9	71.6	153.2	<
5	3	9	119.8	93.5	180.8	<
7	3	9	-25.5	73.7	189.9	<
-6	4	9	104.3	79.6	191.6	<
-4	4	9	147.3	174.7	122.9	<
-2	4	9	92.8	216.8	153.2	<
2	4	9	293.0	67.6	205.2	<
4	4	9	243.4	185.1	188.9	<

6	4	9	154.2	241.1	239.8	<
-3	5	9	-37.4	48.3	199.8	<
2	5	9	4066.9	2700.6	299.6	o
3	5	9	140.9	258.9	178.3	<
-2	-4	10	46758.6	44547.1	928.3	o
1	-4	10	137.5	76.3	103.4	<
2	-4	10	8855.7	8245.5	319.4	o
3	-4	10	85.8	170.9	98.9	<
-5	-3	10	39257.8	37931.8	796.8	o
-3	-3	10	23654.9	23352.5	512.4	o
-1	-3	10	12110.1	12329.9	304.4	o
0	-3	10	109.5	136.9	140.3	<
1	-3	10	16893.9	14555.5	464.9	o
2	-3	10	163.4	159.5	99.9	<
3	-3	10	113650.0	112298.1	2216.2	o
4	-3	10	202.6	144.1	111.4	<
5	-3	10	36855.6	37218.3	850.6	o
6	-3	10	195.1	125.2	150.1	<
-6	-2	10	952.8	473.8	140.6	o
-4	-2	10	3215.2	2490.2	175.7	o
-2	-2	10	5750.7	5059.6	195.0	o
0	-2	10	182763.0	165570.7	3437.8	o
1	-2	10	191.0	120.2	89.1	<
2	-2	10	19646.8	18703.9	516.4	o
3	-2	10	301.2	252.3	102.9	<
4	-2	10	55112.6	57772.5	1161.1	o
5	-2	10	41.2	27.4	91.8	<
7	-2	10	5.3	32.2	197.9	<
-5	-1	10	3644.0	4284.3	176.0	o
-3	-1	10	150893.0	145713.5	2792.9	o
-1	-1	10	81304.6	76737.5	1536.2	o
0	-1	10	96.0	165.7	141.4	<
1	-1	10	96940.0	89199.8	1895.2	o
2	-1	10	135.2	209.9	87.2	<
3	-1	10	246245.0	251259.6	4587.4	o
4	-1	10	209.0	174.2	120.8	<
6	-1	10	186.7	170.7	130.2	<
8	-1	10	99.0	10.3	188.6	<
-6	0	10	86614.4	95682.6	1618.7	o
-4	0	10	16015.4	16237.2	349.0	o
-2	0	10	89663.3	86617.0	1687.3	o
0	0	10	204571.0	197464.0	3828.7	o
1	0	10	134.7	136.9	79.5	<
3	0	10	284.9	270.4	99.4	<
5	0	10	67.5	28.3	83.8	<
7	0	10	153.2	36.2	97.0	<
-7	1	10	40608.2	44205.1	799.3	o
-5	1	10	51712.7	56690.1	990.0	o
-3	1	10	241755.7	251821.6	4401.1	o
-1	1	10	92722.3	88955.6	1799.7	o
2	1	10	283.6	204.2	104.4	<
4	1	10	172.0	175.6	100.6	<
6	1	10	95.3	171.0	97.5	<
8	1	10	9.6	10.0	190.9	<

-4	2	10	53321.1	57107.7	1045.8 o
-2	2	10	18872.8	18797.7	490.7 o
1	2	10	209.8	120.4	156.9 <
3	2	10	401.5	255.0	188.0 <
5	2	10	160.0	27.5	101.8 <
6	2	10	505.1	631.0	210.2 <
7	2	10	44.4	32.0	124.1 <
-3	3	10	103857.0	112374.4	2037.5 o
2	3	10	370.8	160.2	186.8 <
4	3	10	95.4	141.0	125.8 <
5	3	10	38356.2	37813.8	869.7 o
6	3	10	115.2	124.9	134.7 <
-4	4	10	1592.6	1417.0	296.6 o
3	4	10	238.3	174.2	186.7 <
4	4	10	79515.5	82354.9	1614.3 o
1	-4	11	297.6	627.8	197.3 <
-3	-3	11	281.3	366.8	143.1 <
-1	-3	11	2697.6	2825.0	204.9 o
1	-3	11	4297.0	3878.0	272.8 o
2	-3	11	15964.4	15042.3	354.4 o
3	-3	11	-15.5	28.1	196.3 <
-4	-2	11	2618.6	2789.0	173.4 o
-2	-2	11	3716.6	3435.2	191.7 o
1	-2	11	524.0	374.0	120.2 o
2	-2	11	2991.9	2806.5	259.2 o
3	-2	11	9137.5	7908.9	241.1 o
4	-2	11	4002.9	3982.5	299.4 o
-5	-1	11	3571.8	3658.3	196.3 o
-3	-1	11	50.3	215.0	132.7 <
-1	-1	11	2910.0	2863.1	170.3 o
1	-1	11	3519.9	3381.6	271.4 o
3	-1	11	36.1	34.2	175.7 <
4	-1	11	4057.6	3487.0	192.5 o
-6	0	11	37.8	84.4	125.6 <
-4	0	11	3049.0	2923.7	205.2 o
-2	0	11	2948.1	3273.4	174.6 o
1	0	11	1299.2	838.8	208.3 o
-5	1	11	3353.5	3801.1	178.3 o
-3	1	11	68.2	31.2	113.0 <
4	1	11	3938.2	3433.5	166.4 o
6	1	11	11442.8	9890.3	325.8 o
-4	2	11	3745.8	3998.7	290.2 o
-2	2	11	2835.6	2805.8	266.9 o
5	2	11	27936.7	25391.4	605.2 o
-3	3	11	69.5	20.9	202.8 <
-2	-2	12	24527.6	25787.4	619.7 o
0	-2	12	40216.5	35876.5	913.0 o
1	-2	12	186.6	147.3	133.0 <
2	-2	12	75522.8	70703.4	1558.7 o
3	-2	12	356.0	87.9	249.1 <
-3	-1	12	29646.3	30032.6	632.3 o
0	-1	12	307.9	175.1	199.0 <
1	-1	12	63606.8	59477.5	1334.3 o
2	-1	12	-35.6	83.9	95.5 <

-2	0	12	56491.4	55524.1	1204.3 o
1	0	12	185.2	166.8	174.3 <
3	0	12	94.0	100.1	135.5 <
-3	1	12	63907.3	61981.2	1334.5 o
4	1	12	60.0	68.0	206.8 <
1	-6	1	94.1	0.5	90.9 <
3	-6	1	60.0	66.1	88.4 <
5	-6	1	138.8	125.1	168.2 <
7	-6	1	59.7	23.0	165.9 <
2	-5	1	40.9	108.8	77.3 <
4	-5	1	46.1	71.6	87.6 <
6	-5	1	-27.7	90.9	97.2 <
8	-5	1	123.0	56.1	127.2 <
10	-5	1	198.3	2.0	149.0 <
1	-4	1	161.1	1.3	51.6 o
3	-4	1	-8.9	125.4	38.0 <
5	-4	1	101.6	217.3	63.0 <
7	-4	1	101.2	46.1	62.0 <
9	-4	1	53.0	8.2	75.0 <
11	-4	1	81.2	0.0	109.4 <
2	-3	1	38.2	172.0	48.6 <
4	-3	1	74.0	122.0	45.3 <
6	-3	1	62.9	148.9	48.2 <
8	-3	1	178.5	93.1	70.9 <
9	-3	1	-19.4	37.7	85.6 <
10	-3	1	64.7	3.0	74.1 <
12	-3	1	132.8	17.9	97.2 <
1	-2	1	113.2	1.1	46.9 <
3	-2	1	343.1	167.5	54.5 o
5	-2	1	150.1	261.4	48.4 o
6	-2	1	189.4	93.3	80.7 <
7	-2	1	101.7	72.8	52.6 <
9	-2	1	60.8	12.3	62.6 <
11	-2	1	71.5	0.0	81.1 <
6	-1	1	191.1	181.4	53.7 o
8	-1	1	72.8	120.1	54.2 <
10	-1	1	103.1	3.9	65.2 <
12	-1	1	38.7	23.1	85.6 <
5	0	1	42.8	257.3	25.1 <
7	0	1	102.7	83.1	48.0 <
9	0	1	95.4	14.7	65.2 <
11	0	1	57.4	0.1	88.2 <
13	0	1	-54.9	45.8	142.3 <
6	1	1	191.9	181.4	43.8 o
8	1	1	42.5	120.0	48.1 <
10	1	1	18.0	3.9	99.3 <
12	1	1	122.4	23.0	121.4 <
-6	2	1	161.2	89.5	82.5 <
5	2	1	209.3	261.1	42.0 o
7	2	1	115.9	73.1	47.2 <
9	2	1	94.0	12.4	56.0 <
11	2	1	160.1	0.1	121.4 <
-9	3	1	61.5	39.4	138.2 <
2	3	1	78.9	171.7	25.1 o

4	3	1	10.8	122.4	24.8 <
6	3	1	116.9	149.2	49.8 <
8	3	1	110.2	92.6	55.1 <
10	3	1	160.9	3.1	91.1 <
1	4	1	63.9	1.7	33.9 <
3	4	1	63.4	125.6	34.7 <
5	4	1	71.7	216.6	41.4 <
7	4	1	96.3	46.5	58.3 <
9	4	1	73.5	8.3	76.7 <
11	4	1	153.7	0.1	126.6 <
2	5	1	89.3	108.2	55.0 <
4	5	1	102.7	72.4	64.1 <
6	5	1	55.5	91.2	62.2 <
8	5	1	92.7	55.6	74.8 <
10	5	1	145.1	2.0	143.3 <
3	6	1	37.8	66.2	79.2 <
5	6	1	17.8	124.3	91.1 <
7	6	1	72.8	23.4	94.7 <
4	7	1	107.6	32.0	157.4 <
0	-7	2	35.0	0.2	174.6 <
2	-7	2	-57.6	0.1	160.5 <
4	-7	2	233.6	0.0	224.2 <
1	-6	2	22.4	0.0	95.6 <
3	-6	2	646.5	0.1	137.6 o
7	-6	2	129.8	0.0	102.4 <
0	-5	2	29.3	0.1	110.3 <
2	-5	2	68.6	0.0	86.9 <
4	-5	2	258.0	0.0	115.4 <
6	-5	2	64.0	0.1	85.0 <
8	-5	2	24.0	0.0	104.9 <
10	-5	2	52.9	0.0	185.4 <
1	-4	2	164.3	0.0	81.6 <
3	-4	2	135.2	0.1	83.7 <
5	-4	2	130.5	0.1	84.9 <
7	-4	2	27.5	0.0	67.9 <
9	-4	2	135.5	0.0	94.8 <
11	-4	2	113.2	0.0	123.0 <
4	-3	2	111.3	0.0	52.9 <
6	-3	2	106.8	0.0	55.7 <
8	-3	2	47.5	0.0	61.1 <
10	-3	2	68.0	0.0	77.7 <
12	-3	2	-28.0	0.0	120.0 <
5	-2	2	176.6	0.0	58.8 o
7	-2	2	91.6	0.0	52.3 <
9	-2	2	65.9	0.0	60.6 <
11	-2	2	12.0	0.0	71.6 <
6	-1	2	112.6	0.0	50.0 <
8	-1	2	41.0	0.0	50.2 <
10	-1	2	33.7	0.0	71.9 <
12	-1	2	113.6	0.0	105.5 <
5	0	2	55.0	0.0	26.3 <
7	0	2	48.2	0.0	44.8 <
9	0	2	128.1	0.0	75.7 <
11	0	2	94.5	0.0	88.7 <

13	0	2	-37.6	0.0	115.3 <
8	1	2	63.5	0.0	57.7 <
10	1	2	84.0	0.0	68.1 <
12	1	2	51.2	0.0	135.8 <
7	2	2	84.8	0.0	45.0 <
9	2	2	143.6	0.0	71.1 <
11	2	2	24.1	0.0	103.6 <
0	3	2	261.8	0.2	44.6 o
4	3	2	26.4	0.0	32.4 <
6	3	2	70.5	0.0	44.3 <
8	3	2	63.6	0.0	75.2 <
10	3	2	129.2	0.0	86.4 <
12	3	2	-47.2	0.0	216.5 <
3	4	2	102.3	0.1	38.2 <
5	4	2	46.1	0.1	44.5 <
7	4	2	110.9	0.0	59.6 <
9	4	2	77.9	0.0	80.7 <
11	4	2	199.0	0.0	137.2 <
0	5	2	73.4	0.1	51.3 <
2	5	2	91.7	0.0	54.5 <
4	5	2	72.9	0.0	65.8 <
6	5	2	89.9	0.1	73.9 <
8	5	2	37.8	0.0	86.5 <
3	6	2	70.9	0.1	83.4 <
5	6	2	19.9	0.1	77.3 <
7	6	2	125.2	0.0	93.3 <
4	7	2	253.1	0.0	165.8 <
2	-7	3	59.8	2.2	141.4 <
4	-7	3	42.9	99.7	133.8 <
1	-6	3	90.1	50.8	118.5 <
3	-6	3	246.4	60.2	117.0 <
5	-6	3	132.6	28.7	141.7 <
7	-6	3	49.3	82.0	108.7 <
2	-5	3	75.0	8.3	90.7 <
4	-5	3	-10.9	186.6	97.5 <
6	-5	3	100.6	89.4	102.7 <
8	-5	3	25.3	3.0	123.1 <
1	-4	3	73.1	82.9	66.6 <
3	-4	3	124.3	120.0	93.2 <
5	-4	3	17.0	62.1	110.2 <
7	-4	3	-60.3	143.5	96.8 <
9	-4	3	185.7	9.3	121.9 <
11	-4	3	170.4	24.4	203.7 <
2	-3	3	115.6	25.3	72.2 <
4	-3	3	49.1	253.9	56.3 <
6	-3	3	100.2	146.8	72.8 <
8	-3	3	126.6	7.1	74.5 <
9	-3	3	131.2	83.9	100.7 <
10	-3	3	93.8	13.9	80.4 <
1	-2	3	192.8	113.0	67.6 <
3	-2	3	265.7	159.3	50.5 o
5	-2	3	222.1	110.3	59.8 o
6	-2	3	88.3	84.8	77.0 <
7	-2	3	105.8	188.5	58.8 <

9	-2	3	115.9	14.9	64.9 <
11	-2	3	-6.6	34.3	117.5 <
2	-1	3	300.0	50.2	62.3 o
3	-1	3	155.4	62.4	81.2 <
4	-1	3	186.6	256.1	42.7 o
6	-1	3	79.2	180.8	39.9 <
8	-1	3	72.5	11.7	67.2 <
10	-1	3	97.2	17.1	85.2 <
12	-1	3	106.6	14.7	104.8 <
5	0	3	56.1	125.2	27.6 <
7	0	3	74.2	207.6	47.9 <
9	0	3	16.2	16.0	60.0 <
11	0	3	120.8	37.2	95.4 <
13	0	3	156.9	7.1	235.7 <
-3	1	3	203.4	57.8	43.7 o
4	1	3	200.5	255.9	38.0 o
6	1	3	100.0	181.0	37.6 <
8	1	3	95.5	11.7	56.8 <
10	1	3	127.7	17.1	67.9 <
12	1	3	165.9	14.9	202.1 <
-6	2	3	139.9	92.2	68.0 <
1	2	3	116.3	112.8	28.3 o
3	2	3	222.2	159.3	43.1 o
5	2	3	215.4	111.0	45.6 o
7	2	3	103.7	188.2	44.5 <
9	2	3	155.7	14.8	69.2 <
11	2	3	71.0	34.2	115.7 <
-9	3	3	75.3	78.9	133.3 <
2	3	3	106.9	26.1	35.0 o
4	3	3	15.8	253.6	33.9 <
6	3	3	100.4	146.2	39.1 <
8	3	3	58.8	8.1	56.0 <
10	3	3	169.0	13.8	84.0 <
1	4	3	129.6	82.5	39.2 o
3	4	3	109.5	119.8	42.9 <
5	4	3	13.9	63.7	46.6 <
7	4	3	33.8	142.8	63.5 <
9	4	3	180.8	9.2	84.0 <
11	4	3	105.3	24.2	119.8 <
2	5	3	118.8	9.5	63.8 <
4	5	3	59.5	185.6	59.4 <
6	5	3	67.2	89.2	66.9 <
8	5	3	15.6	3.7	85.6 <
3	6	3	121.6	60.1	80.0 <
5	6	3	-1.8	30.2	79.9 <
7	6	3	70.3	81.3	103.0 <
4	7	3	-54.9	98.9	140.8 <
0	-7	4	82.7	0.4	208.9 <
2	-7	4	157.4	0.1	160.1 <
4	-7	4	8.4	0.0	213.7 <
1	-6	4	-5.2	0.1	109.5 <
3	-6	4	80.3	0.2	129.0 <
5	-6	4	331.4	0.1	161.9 <
7	-6	4	28.0	0.0	113.2 <

0	-5	4	-33.8	0.2	144.8 <
2	-5	4	62.0	0.0	108.4 <
4	-5	4	111.9	0.0	103.0 <
6	-5	4	113.9	0.3	107.0 <
8	-5	4	-29.2	0.1	101.3 <
1	-4	4	81.6	0.2	82.1 <
3	-4	4	67.4	0.1	90.0 <
5	-4	4	279.9	0.2	109.7 <
7	-4	4	133.9	0.0	135.7 <
9	-4	4	50.6	0.0	117.4 <
0	-3	4	149.9	0.6	98.7 <
2	-3	4	115.1	0.1	76.1 <
4	-3	4	65.6	0.0	97.7 <
6	-3	4	125.3	0.1	80.3 <
8	-3	4	45.7	0.1	73.1 <
10	-3	4	-15.1	0.0	90.0 <
1	-2	4	199.9	0.4	66.5 o
7	-2	4	107.0	0.0	68.7 <
9	-2	4	93.4	0.0	79.4 <
11	-2	4	27.6	0.1	92.1 <
0	-1	4	19.8	0.3	26.6 <
6	-1	4	48.9	0.1	58.0 <
8	-1	4	61.4	0.1	68.0 <
10	-1	4	54.2	0.0	80.4 <
12	-1	4	29.4	0.0	115.3 <
3	0	4	60.2	0.0	30.0 <
5	0	4	98.9	0.0	36.2 <
7	0	4	39.8	0.0	47.8 <
9	0	4	61.5	0.0	78.9 <
11	0	4	76.9	0.0	100.9 <
0	1	4	36.4	0.3	37.4 <
6	1	4	80.6	0.1	50.1 <
8	1	4	99.6	0.1	65.0 <
10	1	4	98.0	0.0	83.4 <
12	1	4	41.3	0.0	175.0 <
1	2	4	54.9	0.4	32.3 <
7	2	4	165.4	0.0	55.9 <
9	2	4	52.0	0.0	65.7 <
11	2	4	36.8	0.1	97.7 <
2	3	4	107.0	0.1	37.4 <
4	3	4	49.1	0.0	39.7 <
6	3	4	119.0	0.1	50.1 <
8	3	4	76.7	0.1	62.0 <
10	3	4	72.2	0.0	76.8 <
1	4	4	96.0	0.2	39.6 <
3	4	4	95.3	0.1	40.4 <
5	4	4	127.2	0.2	50.9 <
7	4	4	43.0	0.0	74.1 <
9	4	4	47.2	0.0	86.9 <
0	5	4	92.4	0.2	71.9 <
4	5	4	85.2	0.0	67.0 <
6	5	4	97.5	0.3	70.9 <
8	5	4	141.5	0.1	86.8 <
1	6	4	96.8	0.1	160.4 <

3	6	4	52.4	0.2	77.6 <
5	6	4	177.8	0.1	87.6 <
7	6	4	42.3	0.0	104.1 <
4	7	4	84.2	0.0	157.7 <
1	-6	5	188.6	4.0	135.0 <
3	-6	5	-17.6	49.6	125.7 <
5	-6	5	26.4	133.4	138.4 <
2	-5	5	104.8	126.9	96.9 <
4	-5	5	94.5	22.4	137.1 <
6	-5	5	-37.3	64.9	124.7 <
8	-5	5	92.6	69.4	121.4 <
1	-4	5	58.0	4.2	79.0 <
3	-4	5	-34.7	89.6	84.3 <
5	-4	5	97.3	229.1	94.7 <
7	-4	5	43.2	11.6	157.6 <
9	-4	5	125.7	6.0	138.0 <
2	-3	5	75.3	192.4	79.6 <
4	-3	5	173.4	43.7	89.5 <
6	-3	5	200.4	107.7	135.6 <
8	-3	5	109.1	108.6	105.9 <
9	-3	5	121.3	144.1	149.5 <
10	-3	5	135.4	12.9	122.9 <
1	-2	5	117.0	9.5	55.2 <
3	-2	5	149.5	140.8	78.5 <
5	-2	5	117.3	283.2	74.7 <
6	-2	5	21.1	152.1	87.8 <
7	-2	5	60.7	22.6	62.9 <
9	-2	5	64.6	8.0	82.3 <
11	-2	5	77.9	4.4	102.6 <
2	-1	5	81.3	219.5	28.0 <
3	-1	5	102.3	111.9	74.5 <
4	-1	5	153.9	61.1	72.8 <
6	-1	5	204.4	138.2	98.7 <
8	-1	5	79.2	135.1	75.9 <
10	-1	5	51.1	15.8	84.3 <
12	-1	5	180.8	19.5	123.0 <
3	0	5	332.1	147.0	49.9 o
5	0	5	58.2	302.8	37.7 <
7	0	5	48.3	24.3	50.5 <
9	0	5	115.0	10.6	77.1 <
11	0	5	108.4	4.3	115.4 <
-3	1	5	119.3	120.1	46.4 <
2	1	5	103.9	219.3	39.4 <
4	1	5	92.8	62.1	34.8 <
6	1	5	133.1	137.8	45.4 <
8	1	5	90.8	135.2	73.4 <
10	1	5	151.2	15.9	93.3 <
12	1	5	21.2	19.2	191.7 <
-6	2	5	160.5	142.7	84.6 <
1	2	5	86.1	9.9	35.3 <
3	2	5	174.5	140.9	46.8 o
5	2	5	102.2	282.8	47.6 <
7	2	5	61.8	22.9	48.2 <
9	2	5	112.2	8.2	63.0 <

11	2	5	69.6	4.5	95.1 <
-9	3	5	258.6	153.7	197.0 <
2	3	5	61.8	192.0	43.0 <
4	3	5	35.0	44.2	41.6 <
6	3	5	27.2	108.6	48.7 <
8	3	5	96.9	107.8	61.6 <
10	3	5	118.2	13.0	86.3 <
1	4	5	60.1	4.7	44.5 <
3	4	5	12.9	90.0	45.0 <
5	4	5	97.3	228.0	63.9 <
7	4	5	88.9	12.4	61.3 <
9	4	5	76.0	6.2	97.5 <
2	5	5	83.1	126.0	74.8 <
4	5	5	37.7	23.8	62.5 <
6	5	5	-12.5	65.1	85.6 <
8	5	5	149.6	68.9	107.0 <
1	6	5	152.2	4.5	100.2 <
3	6	5	-5.7	49.7	106.8 <
5	6	5	67.4	132.3	88.4 <
1	-6	6	34.8	0.3	125.8 <
3	-6	6	-5.6	0.8	154.3 <
5	-6	6	71.0	0.2	137.7 <
0	-5	6	86.1	0.6	143.4 <
4	-5	6	142.1	0.6	111.8 <
6	-5	6	-75.5	0.9	134.8 <
1	-4	6	84.2	0.5	97.6 <
3	-4	6	-5.1	1.3	87.4 <
5	-4	6	230.3	0.3	109.6 <
7	-4	6	250.8	0.2	116.1 <
9	-4	6	67.7	0.8	141.0 <
0	-3	6	78.8	1.5	107.3 <
6	-3	6	263.8	1.0	94.7 <
8	-3	6	8.2	0.1	104.1 <
10	-3	6	106.7	0.1	150.2 <
1	-2	6	77.3	0.8	61.0 <
3	-2	6	105.5	2.2	82.9 <
5	-2	6	158.1	0.3	142.1 <
7	-2	6	217.0	0.3	86.1 <
9	-2	6	79.0	1.1	92.7 <
11	-2	6	108.0	0.1	108.4 <
0	-1	6	206.6	1.5	57.0 o
2	-1	6	46.6	1.5	31.8 <
4	-1	6	87.1	1.3	71.5 <
6	-1	6	115.6	1.4	81.9 <
8	-1	6	74.5	0.1	75.5 <
10	-1	6	88.3	0.2	102.7 <
1	0	6	106.4	0.9	34.6 o
3	0	6	132.1	2.5	39.6 o
5	0	6	132.3	0.2	47.3 <
7	0	6	171.1	0.3	73.5 <
9	0	6	37.9	1.2	104.8 <
11	0	6	53.8	0.0	134.9 <
0	1	6	72.5	1.5	53.6 <
6	1	6	102.6	1.4	46.8 <

8	1	6	99.9	0.1	78.0 <
10	1	6	138.7	0.2	119.8 <
1	2	6	103.4	0.8	46.9 <
3	2	6	109.4	2.2	47.3 <
5	2	6	55.0	0.3	42.8 <
7	2	6	119.3	0.3	55.9 <
9	2	6	146.7	1.1	73.9 <
11	2	6	103.7	0.0	92.9 <
0	3	6	105.4	1.5	75.1 <
2	3	6	157.3	1.1	50.7 o
4	3	6	145.2	0.9	52.7 <
6	3	6	43.9	1.0	56.3 <
8	3	6	73.9	0.1	60.6 <
10	3	6	139.9	0.1	97.1 <
1	4	6	67.4	0.6	56.9 <
3	4	6	52.7	1.3	55.8 <
5	4	6	91.1	0.3	57.9 <
7	4	6	57.7	0.2	70.4 <
9	4	6	134.9	0.8	93.9 <
0	5	6	9.8	0.6	79.3 <
2	5	6	98.9	0.5	66.7 <
4	5	6	224.7	0.6	84.7 <
6	5	6	82.7	0.9	74.3 <
1	6	6	115.7	0.3	89.3 <
3	6	6	115.8	0.8	108.4 <
5	6	6	115.8	0.2	123.5 <
1	-6	7	71.5	12.6	142.8 <
3	-6	7	116.9	34.2	144.6 <
2	-5	7	24.9	20.3	121.1 <
4	-5	7	160.9	81.9	139.8 <
6	-5	7	11.9	52.6	130.9 <
1	-4	7	85.8	18.5	103.6 <
3	-4	7	113.5	71.3	105.2 <
5	-4	7	-12.2	65.8	113.2 <
7	-4	7	53.4	58.6	134.7 <
2	-3	7	52.8	38.9	95.1 <
4	-3	7	85.2	130.5	102.9 <
6	-3	7	68.0	87.6	106.9 <
8	-3	7	97.7	18.3	110.5 <
9	-3	7	81.8	239.2	187.8 <
1	-2	7	69.4	33.2	78.5 <
3	-2	7	67.4	96.2	64.9 <
5	-2	7	114.8	107.3	98.0 <
7	-2	7	133.9	78.4	140.3 <
9	-2	7	-7.2	7.0	115.1 <
2	-1	7	109.9	55.4	51.7 <
3	-1	7	155.6	156.7	78.5 <
4	-1	7	76.6	163.0	53.6 <
6	-1	7	129.5	112.4	79.8 <
8	-1	7	70.4	25.3	79.7 <
10	-1	7	-22.2	2.1	117.3 <
1	0	7	122.0	29.5	48.2 <
3	0	7	114.6	120.0	50.4 <
5	0	7	85.4	114.5	62.8 <

7	0	7	71.3	94.2	93.6 <
9	0	7	64.0	6.6	107.9 <
11	0	7	306.9	8.2	206.7 <
-3	1	7	140.7	144.2	73.1 <
2	1	7	80.0	55.6	46.6 <
4	1	7	84.5	162.5	50.8 <
6	1	7	67.7	113.0	56.1 <
8	1	7	38.5	24.9	90.7 <
10	1	7	25.8	2.2	107.9 <
-6	2	7	134.4	95.8	90.3 <
1	2	7	105.2	33.1	51.2 <
3	2	7	42.4	96.3	57.5 <
5	2	7	62.4	107.3	50.2 <
7	2	7	38.0	78.5	61.6 <
9	2	7	147.6	6.9	93.8 <
-9	3	7	194.4	224.2	109.9 <
2	3	7	94.9	38.7	53.1 <
4	3	7	26.0	130.9	52.6 <
6	3	7	55.1	87.0	59.1 <
8	3	7	26.0	18.7	66.5 <
10	3	7	143.8	1.7	183.9 <
1	4	7	21.8	18.6	64.7 <
3	4	7	71.5	71.1	62.3 <
5	4	7	68.6	66.0	61.0 <
7	4	7	3.3	58.5	77.8 <
2	5	7	8.1	20.5	78.2 <
4	5	7	21.1	81.5	82.4 <
6	5	7	33.6	52.9	81.7 <
1	6	7	157.5	12.5	95.6 <
3	6	7	9.3	34.3	103.1 <
0	-5	8	26.0	0.3	176.2 <
4	-5	8	-32.5	0.1	130.8 <
1	-4	8	111.9	0.0	108.2 <
3	-4	8	69.2	0.6	115.3 <
5	-4	8	203.1	0.0	131.7 <
7	-4	8	92.2	0.0	145.7 <
0	-3	8	-22.2	0.6	123.1 <
2	-3	8	55.8	0.1	88.8 <
4	-3	8	142.6	0.1	106.6 <
6	-3	8	124.7	0.2	123.1 <
8	-3	8	94.2	0.2	101.8 <
1	-2	8	29.5	0.0	73.7 <
5	-2	8	130.1	0.0	86.7 <
7	-2	8	102.5	0.0	122.2 <
9	-2	8	174.6	0.2	131.7 <
0	-1	8	16.1	0.4	110.1 <
4	-1	8	78.2	0.1	91.8 <
6	-1	8	89.8	0.2	149.4 <
8	-1	8	117.3	0.2	91.8 <
10	-1	8	75.2	0.1	186.4 <
1	0	8	0.4	0.1	43.0 <
9	0	8	9.1	0.1	132.9 <
0	1	8	31.6	0.4	77.0 <
2	1	8	81.3	0.2	49.2 <

4	1	8	69.1	0.1	50.1 <
6	1	8	89.1	0.2	68.2 <
8	1	8	102.6	0.2	87.7 <
10	1	8	27.5	0.1	118.2 <
1	2	8	98.5	0.0	54.3 <
3	2	8	61.3	0.7	52.0 <
7	2	8	152.0	0.1	74.3 <
9	2	8	125.8	0.2	112.7 <
0	3	8	102.8	0.7	84.5 <
2	3	8	115.4	0.1	60.4 <
4	3	8	157.6	0.1	61.8 <
6	3	8	91.8	0.2	75.3 <
8	3	8	75.5	0.2	69.7 <
1	4	8	85.6	0.0	74.1 <
3	4	8	83.3	0.6	65.9 <
5	4	8	131.1	0.0	74.1 <
7	4	8	131.4	0.0	118.8 <
0	5	8	27.3	0.3	95.0 <
2	5	8	33.5	0.1	79.7 <
4	5	8	107.7	0.1	89.2 <
1	6	8	241.3	0.0	189.9 <
2	-5	9	92.2	11.7	143.1 <
1	-4	9	100.8	17.0	123.7 <
3	-4	9	-25.0	44.4	123.8 <
5	-4	9	243.5	47.5	156.1 <
2	-3	9	17.8	21.1	107.2 <
4	-3	9	80.4	88.5	114.7 <
6	-3	9	163.9	57.2	131.7 <
5	-2	9	224.1	64.4	165.4 <
7	-2	9	72.4	61.3	161.6 <
2	-1	9	78.3	29.3	117.3 <
3	-1	9	65.3	98.9	128.4 <
4	-1	9	129.6	111.0	96.6 <
6	-1	9	32.2	74.0	105.9 <
8	-1	9	84.2	12.2	136.7 <
1	0	9	97.0	27.5	64.0 <
3	0	9	79.8	75.3	92.0 <
5	0	9	51.5	81.8	87.3 <
7	0	9	49.8	63.6	89.1 <
9	0	9	70.3	7.9	105.5 <
-3	1	9	71.2	112.6	84.9 <
2	1	9	27.4	29.3	52.7 <
4	1	9	101.5	111.3	64.2 <
6	1	9	0.3	73.3	82.8 <
8	1	9	113.0	12.7	97.8 <
-6	2	9	201.7	128.6	106.7 <
1	2	9	69.2	18.8	60.6 <
3	2	9	21.7	74.0	60.8 <
5	2	9	54.5	64.8	69.9 <
7	2	9	-29.5	61.0	89.9 <
2	3	9	74.3	21.6	62.7 <
4	3	9	33.6	87.7	71.0 <
6	3	9	66.0	57.6	82.9 <
8	3	9	139.9	9.4	235.5 <

1	4	9	9.3	16.7	78.9 <
3	4	9	32.1	44.5	70.3 <
5	4	9	83.5	47.9	77.8 <
2	5	9	41.4	12.0	87.0 <
1	-4	10	-21.1	0.3	128.5 <
3	-4	10	109.6	0.8	150.7 <
7	-2	10	6.3	0.1	175.6 <
2	-1	10	88.0	0.9	138.9 <
4	-1	10	119.3	0.8	185.4 <
6	-1	10	137.8	0.8	120.7 <
8	-1	10	112.1	0.0	158.5 <
1	0	10	69.2	0.6	89.1 <
3	0	10	55.8	1.2	106.9 <
5	0	10	97.3	0.1	124.8 <
7	0	10	274.5	0.2	133.8 <
0	1	10	53.7	0.8	109.0 <
2	1	10	62.2	0.9	61.9 <
4	1	10	90.6	0.8	86.7 <
6	1	10	75.6	0.8	102.9 <
8	1	10	2.8	0.0	184.6 <
1	2	10	177.1	0.5	77.6 <
3	2	10	138.0	1.1	72.2 <
7	2	10	123.2	0.1	152.4 <
0	3	10	113.2	0.6	115.9 <
2	3	10	76.6	0.7	69.8 <
4	3	10	189.1	0.6	78.9 <
6	3	10	-9.6	0.6	98.7 <
1	4	10	125.4	0.3	84.2 <
3	4	10	-9.6	0.8	86.6 <
4	-1	11	-118.8	15.5	183.9 <
6	-1	11	108.5	43.3	177.4 <
1	0	11	-8.6	3.7	154.1 <
3	0	11	114.3	46.6	119.0 <
5	0	11	121.2	117.2	140.9 <
-3	1	11	70.1	165.1	181.4 <
2	1	11	38.5	83.0	88.5 <
4	1	11	-38.5	15.3	132.5 <
6	1	11	157.9	43.9	147.9 <
1	2	11	-9.9	1.8	91.8 <
3	2	11	172.5	35.3	79.2 <
5	2	11	82.7	112.8	114.6 <
2	3	11	59.8	66.3	99.3 <
4	3	11	87.8	12.0	124.9 <
1	0	12	69.3	0.7	185.4 <
3	0	12	7.4	0.4	183.2 <
0	1	12	11.6	0.8	207.0 <
2	1	12	116.3	0.4	105.4 <
4	1	12	77.6	0.3	227.2 <
1	2	12	79.6	0.6	99.7 <
1	-6	1	483.9	572.6	69.1 o
1	-4	1	1698.0	1552.2	54.8 o
11	-4	1	147.7	16.6	121.9 <
10	-3	1	3140.6	3624.4	156.5 o
7	-2	1	74960.3	87081.7	1379.8 o

9	-2	1	13442.4	14723.8	318.7	o
11	-2	1	280.8	45.2	112.8	<
6	-1	1	199181.0	216858.7	3604.9	o
8	-1	1	130117.7	143556.5	2373.4	o
10	-1	1	4066.0	4612.0	126.4	o
12	-1	1	25011.9	27614.4	607.4	o
5	0	1	330884.3	307517.7	5972.2	o
7	0	1	93786.1	99334.3	1713.3	o
4	1	1	171720.3	173906.2	3102.5	o
6	1	1	205550.3	216813.6	3717.2	o
8	1	1	136533.0	143485.3	2481.4	o
10	1	1	4738.5	4641.4	144.7	o
12	1	1	30659.3	27496.8	639.3	o
7	2	1	88363.1	87375.1	1607.0	o
9	2	1	16428.3	14839.9	344.7	o
11	2	1	209.5	105.6	119.1	<
4	3	1	156037.5	146361.5	2827.0	o
6	3	1	181683.5	178389.7	3318.8	o
8	3	1	116699.0	110678.1	2162.1	o
10	3	1	3772.2	3703.4	283.3	o
1	4	1	2024.4	1986.7	73.6	o
3	4	1	163281.5	150153.6	2962.0	o
7	4	1	60591.8	55636.8	1156.9	o
11	4	1	178.4	93.7	170.4	<
2	5	1	140315.5	129315.9	2554.0	o
4	5	1	92957.7	86535.0	1716.8	o
6	5	1	120022.0	108992.3	2231.0	o
1	6	1	604.5	973.6	80.9	o
3	6	1	83360.1	79160.7	1551.6	o
5	6	1	162494.5	148643.2	3004.8	o
2	7	1	62165.0	60449.9	1181.0	o
4	7	1	35755.0	38311.1	744.5	o
0	-7	2	55.3	194.9	100.4	<
2	-7	2	147.8	74.2	107.5	<
4	-7	2	114.3	5.1	101.0	<
1	-6	2	92.9	48.4	59.1	<
3	-6	2	72.7	94.1	70.6	<
5	-6	2	74.6	75.5	75.4	<
7	-6	2	21.1	7.3	85.6	<
0	-5	2	65.2	117.9	65.4	<
2	-5	2	39.0	27.2	42.8	<
4	-5	2	77.4	30.6	54.1	<
6	-5	2	62.9	153.3	65.1	<
8	-5	2	31.6	52.3	72.3	<
1	-4	2	136.6	57.6	37.3	o
3	-4	2	54.7	73.0	37.5	<
5	-4	2	45.2	87.7	47.4	<
7	-4	2	45.2	2.9	53.4	<
9	-4	2	78.3	50.2	120.8	<
11	-4	2	138.1	41.4	164.0	<
0	-3	2	258.4	291.0	51.2	o
2	-3	2	98.5	127.5	30.4	o
4	-3	2	125.4	38.4	39.9	o
6	-3	2	90.5	45.5	45.0	<

8	-3	2	11.9	10.3	93.8 <
10	-3	2	100.6	0.5	111.8 <
12	-3	2	96.2	38.1	158.3 <
3	-2	2	136.0	58.6	29.3 o
5	-2	2	172.6	31.6	40.1 o
7	-2	2	33.9	5.2	43.9 <
9	-2	2	62.4	37.7	68.0 <
11	-2	2	31.1	20.7	158.7 <
2	-1	2	237.3	236.8	27.2 o
6	-1	2	71.5	44.5	31.8 <
8	-1	2	6.2	10.1	71.9 <
10	-1	2	67.1	1.7	99.5 <
12	-1	2	81.6	23.1	120.8 <
3	0	2	287.5	117.0	44.5 o
7	0	2	69.7	0.0	49.7 <
9	0	2	57.7	27.8	68.7 <
11	0	2	58.5	0.9	100.0 <
13	0	2	77.0	0.7	143.8 <
2	1	2	345.4	228.4	38.7 o
6	1	2	112.3	49.8	35.4 o
8	1	2	40.0	9.8	55.2 <
10	1	2	68.2	2.1	77.0 <
12	1	2	102.6	24.6	108.6 <
3	2	2	189.9	58.9	44.2 o
5	2	2	202.8	34.7	62.1 o
7	2	2	27.3	5.5	49.8 <
9	2	2	-24.1	41.2	90.3 <
11	2	2	-71.7	19.4	114.1 <
0	3	2	160.6	290.6	59.0 <
2	3	2	112.6	134.3	38.5 <
4	3	2	151.3	35.8	58.9 <
6	3	2	60.5	50.5	91.8 <
8	3	2	100.2	10.0	94.2 <
10	3	2	7.9	0.7	115.2 <
1	4	2	86.1	65.7	49.9 <
3	4	2	104.7	74.5	65.0 <
5	4	2	114.4	92.3	71.3 <
7	4	2	57.6	3.2	106.1 <
9	4	2	60.4	54.4	104.6 <
0	5	2	-0.1	118.2	65.4 <
2	5	2	72.6	28.8	62.3 <
4	5	2	140.2	32.5	101.0 <
6	5	2	81.0	160.9	106.1 <
8	5	2	177.3	51.7	183.2 <
1	6	2	16.4	54.2	79.8 <
3	6	2	67.1	95.3	76.5 <
5	6	2	8.6	78.9	110.3 <
7	6	2	81.2	7.5	209.0 <
0	7	2	13.1	194.9	182.6 <
2	7	2	41.3	78.5	100.8 <
4	7	2	34.9	5.4	132.6 <
2	-7	3	2497.3	2664.1	162.6 o
8	-5	3	3499.6	3566.4	125.5 o
8	-3	3	7934.8	8446.1	188.5 o

9	-2	3	16088.8	17780.4	338.0 o
2	-1	3	57406.8	60011.7	1045.1 o
4	-1	3	280048.0	306159.7	5057.9 o
8	-1	3	16140.3	13942.9	404.9 o
10	-1	3	19190.2	20456.7	483.8 o
12	-1	3	16550.0	17570.4	406.0 o
1	0	3	121563.0	128784.9	2194.7 o
3	0	3	194978.3	204220.8	3524.9 o
7	0	3	236981.5	248184.5	4313.1 o
9	0	3	18650.8	19069.5	407.3 o
11	0	3	42681.7	44498.3	852.2 o
13	0	3	9354.2	8427.4	275.5 o
2	1	3	65496.8	60589.5	1189.4 o
6	1	3	205314.0	216393.8	3719.7 o
10	1	3	21717.4	20438.9	472.0 o
12	1	3	18257.6	17822.7	433.4 o
1	2	3	140830.7	134840.3	2550.9 o
3	2	3	208442.7	190455.8	3772.3 o
5	2	3	143070.0	132743.4	2602.2 o
7	2	3	220244.3	224911.3	3994.4 o
11	2	3	39932.2	40868.9	810.2 o
4	3	3	331949.0	303097.0	6003.1 o
6	3	3	183156.3	174822.7	3331.7 o
8	3	3	10451.5	9623.7	234.9 o
10	3	3	17798.9	16510.3	414.6 o
12	3	3	13154.0	13799.0	459.1 o
1	4	3	105675.3	98615.6	1933.7 o
3	4	3	153627.0	143217.7	2797.5 o
5	4	3	84461.8	76126.0	1560.8 o
7	4	3	179983.5	170695.0	3309.3 o
9	4	3	12525.0	10998.6	320.0 o
2	5	3	11517.2	11384.1	259.8 o
4	5	3	233710.5	221804.7	4273.7 o
6	5	3	116770.0	106679.5	2151.8 o
8	5	3	4956.2	4457.9	206.6 o
1	6	3	60500.3	60060.6	1170.8 o
3	6	3	73905.5	71842.2	1414.4 o
5	6	3	39506.1	36120.7	802.2 o
7	6	3	99640.5	97207.3	1888.4 o
2	7	3	3064.5	3706.6	197.6 o
4	7	3	117975.0	118164.5	2314.2 o
0	-7	4	46.8	482.0	110.8 <
2	-7	4	92.8	106.3	130.2 <
1	-6	4	82.2	119.3	58.2 <
3	-6	4	21.5	213.6	72.9 <
5	-6	4	69.0	142.3	92.4 <
7	-6	4	93.6	28.3	92.9 <
0	-5	4	96.2	222.8	63.3 <
2	-5	4	30.2	3.2	46.7 <
4	-5	4	59.2	27.8	59.5 <
6	-5	4	80.8	320.2	68.8 <
8	-5	4	77.7	139.6	76.7 <
1	-4	4	156.0	263.8	44.0 o
3	-4	4	40.6	144.9	42.7 <

5	-4	4	85.8	183.0	43.9 <
7	-4	4	95.7	12.5	63.2 <
9	-4	4	19.5	42.1	111.8 <
0	-3	4	117.7	697.3	48.8 <
2	-3	4	77.6	112.9	32.7 <
4	-3	4	46.3	45.7	39.3 <
6	-3	4	87.8	89.8	47.7 <
8	-3	4	73.6	65.5	61.8 <
10	-3	4	151.2	15.9	140.3 <
1	-2	4	545.2	499.6	38.0 o
5	-2	4	56.6	76.8	48.2 <
7	-2	4	86.6	28.6	55.3 <
9	-2	4	-13.9	20.1	98.7 <
11	-2	4	139.9	93.8	149.4 <
0	-1	4	409.4	328.2	49.5 o
2	-1	4	216.7	147.6	41.9 o
4	-1	4	98.0	90.8	45.6 <
6	-1	4	130.2	155.8	52.6 <
8	-1	4	96.4	74.5	99.0 <
10	-1	4	64.5	23.6	102.0 <
12	-1	4	41.0	9.8	93.9 <
5	0	4	70.3	58.3	45.5 <
7	0	4	70.2	14.3	53.7 <
9	0	4	20.2	0.2	88.3 <
11	0	4	85.7	49.1	123.5 <
0	1	4	420.5	316.0	44.2 o
2	1	4	198.8	155.1	36.9 o
4	1	4	134.8	90.7	43.8 o
6	1	4	161.2	169.3	64.7 <
8	1	4	152.3	79.9	91.1 <
10	1	4	135.7	20.0	94.8 <
12	1	4	48.4	9.7	137.1 <
1	2	4	653.3	492.6	59.6 o
3	2	4	175.2	35.0	57.8 o
5	2	4	69.6	79.9	45.5 <
7	2	4	36.0	33.3	62.6 <
9	2	4	18.4	21.0	92.3 <
11	2	4	22.5	102.3	134.9 <
0	3	4	251.9	775.9	140.1 <
2	3	4	76.7	106.7	49.1 <
4	3	4	84.5	45.5	58.1 <
6	3	4	97.3	101.2	67.0 <
8	3	4	30.1	67.3	70.4 <
10	3	4	59.7	15.3	126.1 <
1	4	4	260.3	255.9	113.7 <
3	4	4	138.9	169.9	95.8 <
5	4	4	94.3	187.8	74.4 <
7	4	4	54.9	16.3	86.4 <
9	4	4	87.6	43.2	124.0 <
0	5	4	13.3	262.9	119.5 <
2	5	4	82.2	2.7	98.4 <
4	5	4	75.1	28.0	91.2 <
6	5	4	106.2	339.7	117.9 <
8	5	4	55.6	147.2	135.6 <

1	6	4	119.6	114.1	115.8 <
3	6	4	49.5	235.1	118.2 <
5	6	4	165.3	145.8	148.3 <
7	6	4	65.9	33.1	132.1 <
0	7	4	250.5	525.6	232.4 <
2	7	4	50.5	102.5	135.5 <
2	-7	5	57566.2	78113.0	1224.3 o
1	-6	5	4129.2	4722.0	118.6 o
1	-4	5	4861.5	5053.3	114.9 o
9	-4	5	6032.0	7200.0	225.9 o
4	-3	5	47463.4	52282.2	872.5 o
1	-2	5	11271.7	11340.8	216.2 o
3	-2	5	155812.8	168313.5	2825.7 o
9	-2	5	9375.2	9603.6	257.4 o
11	-2	5	5215.4	5277.8	216.7 o
2	-1	5	247607.8	262372.9	4470.1 o
4	-1	5	68237.5	73047.9	1253.4 o
6	-1	5	159651.5	165205.6	2917.6 o
10	-1	5	18503.5	18926.2	423.5 o
12	-1	5	25784.6	23305.5	563.1 o
3	0	5	163725.7	175749.8	2969.8 o
5	0	5	352283.3	361941.1	6368.2 o
7	0	5	28143.1	28989.4	542.8 o
9	0	5	14585.0	12693.5	348.8 o
11	0	5	4997.0	5134.9	207.6 o
2	1	5	270909.8	262087.3	4885.5 o
4	1	5	76051.3	74233.7	1396.2 o
6	1	5	161053.3	164736.6	2929.9 o
8	1	5	154306.7	161645.0	2814.1 o
10	1	5	19705.4	18985.7	444.4 o
12	1	5	19665.9	22958.9	546.2 o
1	2	5	12090.5	11818.8	244.8 o
3	2	5	170912.0	168384.3	3095.2 o
5	2	5	349057.3	338050.7	6313.9 o
7	2	5	29588.8	27414.8	573.6 o
9	2	5	11360.1	9795.4	294.0 o
11	2	5	5778.3	5376.1	228.3 o
2	3	5	241160.5	229563.0	4387.6 o
4	3	5	57582.6	52890.1	1071.2 o
6	3	5	138365.8	129798.9	2519.0 o
8	3	5	135074.0	128805.3	2475.7 o
10	3	5	16040.9	15498.4	395.3 o
1	4	5	6132.0	5595.5	187.3 o
3	4	5	111406.0	107539.5	2064.9 o
5	4	5	298970.0	272572.9	5423.5 o
7	4	5	15727.5	14818.5	326.6 o
2	5	5	160008.5	150600.1	2953.5 o
4	5	5	27811.2	28445.8	586.0 o
6	5	5	83793.0	77842.4	1594.4 o
8	5	5	88833.7	82363.4	1682.7 o
1	6	5	5824.9	5320.7	220.4 o
3	6	5	61031.3	59405.1	1191.5 o
5	6	5	165181.5	158158.4	3068.0 o
1	-6	6	409.6	386.5	78.9 o

3	-6	6	708.5	971.9	106.8 o
5	-6	6	188.4	213.3	97.6 <
0	-5	6	671.2	721.3	97.0 o
2	-5	6	348.9	608.7	71.8 o
4	-5	6	650.5	668.5	83.6 o
6	-5	6	659.7	1039.0	116.0 o
8	-5	6	212.1	147.2	160.0 <
1	-4	6	487.4	642.7	57.7 o
3	-4	6	1391.8	1593.9	82.6 o
5	-4	6	245.2	303.3	70.5 o
7	-4	6	242.1	223.5	80.6 o
9	-4	6	826.7	974.7	258.4 o
0	-3	6	1467.0	1782.6	84.4 o
2	-3	6	1103.3	1357.3	57.6 o
4	-3	6	836.8	1050.3	66.0 o
6	-3	6	975.6	1217.0	81.2 o
8	-3	6	174.4	134.9	80.5 <
10	-3	6	86.8	159.9	121.1 <
1	-2	6	918.2	956.3	58.3 o
3	-2	6	2441.4	2592.5	89.2 o
5	-2	6	323.5	330.7	67.6 o
7	-2	6	177.7	304.1	81.9 <
9	-2	6	1449.7	1318.7	209.6 o
11	-2	6	39.2	63.2	111.0 <
0	-1	6	1756.1	1765.3	84.4 o
2	-1	6	1637.9	1802.4	54.4 o
4	-1	6	1334.8	1508.5	71.8 o
6	-1	6	1539.7	1693.6	85.9 o
8	-1	6	144.0	172.4	76.2 <
10	-1	6	239.8	210.3	143.9 <
1	0	6	1182.3	1069.1	48.1 o
3	0	6	3023.4	2937.7	86.7 o
5	0	6	301.5	270.3	72.0 o
7	0	6	217.3	381.9	73.1 <
9	0	6	1644.3	1441.3	158.1 o
11	0	6	46.2	17.4	125.0 <
0	1	6	1914.5	1770.0	67.6 o
2	1	6	1653.6	1767.1	63.8 o
4	1	6	1437.1	1521.4	82.1 o
6	1	6	1541.8	1706.9	90.7 o
8	1	6	187.9	170.4	71.0 <
10	1	6	119.3	213.6	134.3 <
1	2	6	1199.4	970.5	63.6 o
3	2	6	2772.3	2590.5	101.6 o
5	2	6	341.8	336.4	85.8 o
7	2	6	335.1	305.8	84.4 o
9	2	6	1497.4	1319.3	163.9 o
11	2	6	79.8	57.5	182.6 <
0	3	6	1835.1	1772.3	166.2 o
2	3	6	1338.8	1372.3	111.3 o
4	3	6	1033.0	1032.5	80.8 o
6	3	6	1311.5	1217.9	109.7 o
8	3	6	242.1	133.9	89.0 <
10	3	6	192.6	163.1	138.4 <

1	4	6	841.6	660.5	116.8 o
3	4	6	1574.2	1591.0	126.8 o
5	4	6	247.5	313.3	99.4 <
7	4	6	256.6	225.6	97.3 <
9	4	6	1054.5	970.0	125.8 o
0	5	6	678.5	718.2	154.8 o
2	5	6	477.8	593.7	130.4 o
4	5	6	864.3	670.8	157.1 o
6	5	6	1127.0	1051.9	186.7 o
1	6	6	515.7	398.0	155.4 o
3	6	6	696.5	968.0	162.9 o
5	6	6	238.4	219.1	145.5 <
2	-3	7	42399.6	46448.3	790.9 o
4	-3	7	143112.5	155942.0	2608.5 o
8	-3	7	19881.8	21869.0	413.2 o
1	-2	7	36498.7	39663.4	676.6 o
3	-2	7	108905.2	114985.0	1982.5 o
5	-2	7	120582.0	128299.8	2230.7 o
7	-2	7	86634.1	93689.5	1604.4 o
9	-2	7	7539.5	8310.9	236.8 o
2	-1	7	63207.6	66210.9	1153.9 o
4	-1	7	180339.7	194799.5	3280.5 o
6	-1	7	122472.0	134387.3	2244.5 o
8	-1	7	28942.7	30216.2	569.8 o
10	-1	7	2081.8	2543.7	172.8 o
1	0	7	37963.1	35290.5	707.7 o
3	0	7	139734.0	143481.6	2546.4 o
5	0	7	128850.3	136878.8	2355.6 o
7	0	7	108119.2	112597.1	1987.5 o
2	1	7	67845.5	66485.2	1252.5 o
4	1	7	190273.7	194241.9	3459.1 o
6	1	7	132761.0	135106.9	2429.6 o
8	1	7	31004.6	29725.3	608.3 o
10	1	7	2630.1	2571.1	175.4 o
1	2	7	41604.4	39615.6	774.8 o
3	2	7	115306.3	115079.5	2110.0 o
5	2	7	132936.3	128210.1	2432.2 o
7	2	7	98045.7	93786.8	1810.5 o
9	2	7	9455.3	8254.9	272.0 o
2	3	7	48941.2	46237.5	921.1 o
4	3	7	157903.0	156439.3	2906.1 o
6	3	7	107646.7	104056.9	1984.2 o
8	3	7	24900.5	22346.8	504.2 o
1	4	7	22923.1	22229.8	488.6 o
3	4	7	91072.8	84993.9	1709.5 o
5	4	7	82525.1	78880.7	1564.8 o
7	4	7	73458.8	69910.6	1405.6 o
2	5	7	25820.7	24458.0	551.7 o
4	5	7	102113.5	97481.5	1924.7 o
6	5	7	62646.6	63262.4	1221.7 o
1	6	7	14127.2	14956.0	364.0 o
3	6	7	39757.1	40969.5	820.1 o
1	-6	8	168.9	16.2	248.2 <
0	-5	8	231.9	305.8	87.7 <

2	-5	8	202.1	106.8	89.8 <
4	-5	8	86.5	93.5	81.3 <
1	-4	8	51.0	43.0	73.7 <
3	-4	8	487.4	679.3	82.4 o
5	-4	8	101.3	55.8	80.2 <
7	-4	8	44.9	50.3	130.8 <
0	-3	8	526.4	761.8	99.9 o
2	-3	8	176.2	107.7	70.4 <
4	-3	8	75.9	146.2	62.4 <
6	-3	8	71.9	182.9	82.7 <
8	-3	8	102.0	253.9	85.8 <
1	-2	8	75.3	52.3	50.8 <
3	-2	8	1008.7	903.4	78.9 o
5	-2	8	54.8	41.6	89.1 <
7	-2	8	50.3	56.0	91.5 <
9	-2	8	118.1	185.1	92.0 <
0	-1	8	565.4	511.5	77.9 o
2	-1	8	154.1	179.8	62.4 <
4	-1	8	114.3	120.2	67.8 <
6	-1	8	291.3	280.6	93.7 o
8	-1	8	273.1	271.4	101.4 <
10	-1	8	105.0	171.6	204.3 <
1	0	8	24.0	67.7	51.4 <
3	0	8	1047.2	850.5	101.0 o
5	0	8	115.3	20.6	77.7 <
7	0	8	117.7	53.1	84.4 <
9	0	8	262.0	173.3	107.7 <
0	1	8	763.7	478.1	146.6 o
2	1	8	103.5	200.9	60.5 <
4	1	8	93.9	115.8	68.2 <
6	1	8	214.5	288.4	84.4 <
8	1	8	209.3	275.7	99.9 <
10	1	8	-17.5	164.2	195.3 <
1	2	8	61.7	44.8	72.2 <
3	2	8	1064.3	894.3	106.7 o
5	2	8	58.1	41.4	82.3 <
7	2	8	73.0	60.7	78.0 <
9	2	8	191.0	186.0	106.8 <
0	3	8	791.4	814.6	129.8 o
2	3	8	169.4	100.8	99.5 <
4	3	8	18.7	151.8	96.8 <
6	3	8	186.4	182.5	99.4 <
8	3	8	164.7	243.2	102.7 <
1	4	8	151.1	33.7	83.5 <
3	4	8	609.3	672.9	134.4 o
5	4	8	94.6	55.9	122.6 <
7	4	8	96.8	53.0	126.3 <
0	5	8	434.4	302.8	211.7 <
2	5	8	5.1	119.4	118.7 <
4	5	8	156.9	93.0	144.1 <
5	-4	9	51042.6	56829.7	968.0 o
2	-3	9	23061.6	25244.3	449.9 o
4	-3	9	96308.3	105824.3	1775.3 o
1	-2	9	21521.8	22571.5	414.4 o

3	-2	9	85590.0	88520.7	1577.7 o
5	-2	9	70819.3	77016.9	1326.4 o
7	-2	9	71619.6	73316.9	1369.5 o
2	-1	9	36113.2	35081.3	696.4 o
4	-1	9	128665.5	132684.9	2385.7 o
6	-1	9	83162.3	88425.3	1572.8 o
8	-1	9	13415.9	14598.4	302.8 o
1	0	9	34138.9	32891.7	659.5 o
3	0	9	94920.5	90042.4	1773.7 o
5	0	9	102337.7	97756.6	1911.8 o
7	0	9	73413.0	76057.5	1373.8 o
9	0	9	9156.6	9479.9	240.6 o
2	1	9	37953.3	34978.5	746.4 o
4	1	9	137391.3	133100.4	2516.3 o
6	1	9	90651.1	87665.0	1681.7 o
8	1	9	15642.2	15197.6	342.8 o
1	2	9	23541.9	22465.9	571.5 o
3	2	9	92589.5	88411.5	1735.2 o
5	2	9	81399.7	77517.8	1514.8 o
7	2	9	75783.8	72976.6	1419.7 o
2	3	9	28026.6	25813.3	584.7 o
4	3	9	109224.0	104845.6	2044.8 o
6	3	9	73371.4	68906.9	1407.0 o
8	3	9	12007.3	11202.4	397.8 o
1	4	9	20386.4	20019.4	457.5 o
3	4	9	54111.4	53221.9	1063.9 o
5	4	9	60205.2	57255.6	1175.8 o
2	5	9	14249.9	14339.1	360.0 o
1	-4	10	255.2	405.1	92.6 <
3	-4	10	585.8	907.2	105.8 o
0	-3	10	470.8	726.9	116.6 o
2	-3	10	753.8	846.8	104.5 o
4	-3	10	401.0	765.1	102.9 o
6	-3	10	428.1	664.6	220.8 <
1	-2	10	523.6	638.1	90.1 o
3	-2	10	1040.6	1339.4	116.0 o
5	-2	10	119.5	145.3	130.4 <
7	-2	10	240.4	170.9	206.1 <
0	-1	10	738.0	879.6	147.6 o
2	-1	10	845.5	1114.6	107.3 o
4	-1	10	805.8	925.1	149.4 o
6	-1	10	849.4	906.3	149.7 o
8	-1	10	-72.9	54.9	163.5 <
1	0	10	585.0	726.9	109.1 o
3	0	10	1273.6	1435.5	129.2 o
5	0	10	148.2	150.1	108.5 <
7	0	10	74.9	192.3	112.0 <
0	1	10	565.3	911.0	155.6 o
2	1	10	903.3	1084.2	200.9 o
4	1	10	842.2	932.4	130.7 o
6	1	10	834.8	907.7	134.2 o
8	1	10	146.4	53.0	205.7 <
1	2	10	586.4	639.1	186.7 o
3	2	10	1239.7	1354.2	186.5 o

5	2	10	165.9	145.9	118.2 <
7	2	10	42.1	169.9	100.5 <
0	3	10	751.7	714.2	252.1 <
2	3	10	725.6	850.4	230.6 o
4	3	10	369.1	748.9	135.0 <
6	3	10	386.0	662.9	181.5 <
1	4	10	323.0	406.6	237.7 <
3	4	10	884.1	925.2	176.8 o
1	-2	11	1905.2	1985.6	135.2 o
3	-2	11	40263.4	41992.3	820.3 o
2	-1	11	95417.6	99250.1	1801.9 o
4	-1	11	19702.5	18514.4	447.0 o
1	0	11	4722.6	4453.8	256.8 o
3	0	11	61167.0	55710.3	1184.6 o
5	0	11	148079.0	140070.9	2751.4 o
2	1	11	102668.0	99255.1	2016.4 o
4	1	11	20408.8	18230.4	538.4 o
6	1	11	56325.4	52512.7	1194.2 o
1	2	11	1781.8	2161.1	261.0 o
3	2	11	45607.8	42166.7	997.0 o
2	3	11	81513.2	79203.2	1662.1 o
1	-2	12	611.4	782.2	153.5 o
2	-1	12	230.6	445.5	133.8 <
1	0	12	974.8	885.6	282.4 o
3	0	12	338.6	531.2	249.0 <
2	1	12	217.9	476.3	187.6 <