

Table 4 (Deposited). Observed and calculated structure factors (Fo-Fc) pertaining to the structural refinements of RbAlSiO₄.

-1	-7	0	11620.5	12606.0	295.9 o
1	-7	0	13244.0	13647.9	334.0 o
-6	-6	0	2058.1	1880.9	169.7 o
-4	-6	0	23511.2	22583.9	585.1 o
-2	-6	0	26238.9	23652.3	603.8 o
4	-6	0	8914.6	9636.3	260.8 o
-5	-5	0	17161.9	18820.1	435.7 o
-1	-5	0	20614.0	21849.6	472.5 o
5	-5	0	1364.5	1583.0	79.0 o
-4	-4	0	22323.0	21972.6	522.7 o
6	-4	0	32539.2	32376.5	749.6 o
10	-4	0	6779.2	5955.9	266.5 o
-11	-3	0	13923.0	13462.9	387.9 o
-9	-3	0	2295.7	2125.8	130.1 o
-7	-3	0	20682.6	21824.6	492.3 o
-3	-3	0	44866.5	42419.9	1000.7 o
-1	-3	0	13374.5	13942.7	315.3 o
11	-3	0	6264.5	5918.9	233.5 o
-12	-2	0	3652.4	3939.0	137.9 o
-8	-2	0	15258.5	15515.6	373.3 o
-2	-2	0	17345.0	17444.2	391.1 o
10	0	0	1695.5	1985.8	109.3 o
-7	1	0	4936.6	5345.0	140.9 o
-5	1	0	26316.3	25056.4	595.4 o
-10	2	0	11350.2	11120.0	300.0 o
-8	2	0	14761.9	15976.0	364.6 o
0	2	0	98348.5	108270.8	2267.4 o
8	2	0	14632.2	16006.5	358.6 o
-3	3	0	89584.5	92923.9	1988.7 o
-1	3	0	4999.3	4845.5	133.2 o
9	3	0	1504.0	1769.9	96.2 o
11	3	0	12947.3	13784.7	355.1 o
-4	4	0	1610.3	1993.5	109.1 o
-2	4	0	11220.6	10405.9	275.8 o
-4	6	0	8497.9	8129.9	244.8 o
-5	-7	1	232.3	269.8	87.2 <
-3	-7	1	77.2	229.8	72.1 <
-1	-7	1	155.6	254.4	45.5 <
1	-7	1	112.7	64.0	48.1 <
2	-7	1	533.6	338.1	47.5 o
3	-7	1	183.6	75.9	58.2 <
4	-7	1	347.2	344.7	48.5 o
5	-7	1	55.4	219.0	83.8 <
-8	-6	1	377.8	269.9	102.1 <
-6	-6	1	341.7	122.8	77.1 o
-4	-6	1	-13.9	22.2	54.0 <
-2	-6	1	32.8	18.3	32.8 <
0	-6	1	21.8	114.5	34.3 <
1	-6	1	140.9	37.7	28.0 o

2	-6	1	14.1	55.6	35.4 <
3	-6	1	694.1	620.0	46.0 o
4	-6	1	117.5	78.7	51.6 <
6	-6	1	316.9	290.2	58.8 o
7	-6	1	271.3	263.9	48.8 o
8	-6	1	259.5	147.8	72.1 <
-9	-5	1	157.3	227.4	72.1 <
-7	-5	1	87.4	24.8	55.9 <
-5	-5	1	114.5	20.4	52.2 <
-3	-5	1	120.6	121.5	27.4 o
-1	-5	1	288.3	300.9	35.0 o
1	-5	1	298.2	433.5	41.4 o
3	-5	1	196.3	257.8	41.4 o
4	-5	1	805.5	748.9	46.9 o
5	-5	1	20.2	56.5	37.5 <
6	-5	1	1174.6	992.6	50.1 o
7	-5	1	67.2	35.1	44.9 <
9	-5	1	271.0	157.8	86.8 <
-10	-4	1	144.6	257.4	60.6 <
-8	-4	1	-5.5	18.4	49.9 <
-6	-4	1	200.0	125.4	44.2 o
-4	-4	1	299.8	358.2	42.9 o
-2	-4	1	171.3	255.9	33.7 o
0	-4	1	25.0	67.7	39.4 <
1	-4	1	200.3	66.6	35.9 o
2	-4	1	142.7	287.8	56.5 <
3	-4	1	1706.6	1426.7	56.0 o
4	-4	1	483.6	368.6	56.2 o
6	-4	1	201.4	78.1	48.4 o
7	-4	1	465.9	462.3	40.5 o
8	-4	1	104.2	6.4	59.6 <
9	-4	1	295.4	183.5	55.1 o
10	-4	1	230.3	287.8	74.9 <
11	-4	1	219.2	98.6	58.1 <
-11	-3	1	96.6	66.9	59.0 <
-9	-3	1	0.4	120.1	44.8 <
-7	-3	1	228.5	295.3	39.6 o
-3	-3	1	143.8	119.1	28.1 o
-1	-3	1	164.3	203.2	40.7 o
1	-3	1	223.2	76.1	44.6 o
3	-3	1	220.3	241.8	47.4 o
4	-3	1	1164.0	1223.5	45.8 o
5	-3	1	165.9	255.6	48.9 <
6	-3	1	2225.5	1934.1	70.4 o
7	-3	1	434.8	336.5	55.2 o
9	-3	1	82.9	16.5	59.4 <
10	-3	1	16.6	6.4	41.2 <
11	-3	1	192.6	292.3	72.7 <
12	-3	1	18.3	49.8	51.7 <
-12	-2	1	22.5	78.2	64.7 <
-10	-2	1	77.6	53.9	49.4 <
-8	-2	1	382.0	425.0	53.6 o
-4	-2	1	174.5	202.3	25.3 o
-2	-2	1	34.2	60.4	25.7 <

0	-2	1	46.3	14.4	24.8 <
2	-2	1	75.8	43.1	32.2 <
3	-2	1	3042.9	2903.0	76.7 o
4	-2	1	112.2	179.3	32.2 <
5	-2	1	4886.7	5450.5	126.7 o
6	-2	1	-1.2	10.4	26.2 <
7	-2	1	668.2	645.1	52.3 o
8	-2	1	445.1	333.4	51.4 o
9	-2	1	286.7	276.4	40.5 o
10	-2	1	21.8	5.6	50.1 <
11	-2	1	107.1	118.8	40.7 <
12	-2	1	503.9	161.3	88.2 o
3	-1	1	19.3	2.3	15.8 <
5	-1	1	112.8	182.1	21.7 o
8	-1	1	2439.3	2147.3	101.5 o
10	-1	1	186.2	24.4	50.9 <
11	-1	1	129.4	33.9	53.8 <
12	-1	1	86.5	52.4	63.6 <
13	-1	1	148.2	149.1	78.0 <
-6	0	1	178.8	247.2	23.1 o
-4	0	1	54.7	43.1	15.6 <
3	0	1	3939.0	3445.4	98.1 o
7	0	1	699.6	679.6	48.6 o
8	0	1	499.0	368.2	75.2 o
9	0	1	361.3	327.2	57.6 o
10	0	1	62.8	55.8	49.7 <
11	0	1	45.9	116.5	63.8 <
12	0	1	110.1	286.1	65.1 <
13	0	1	94.7	298.3	66.9 <
-9	1	1	173.3	69.2	54.6 <
-7	1	1	188.6	249.5	33.4 o
-5	1	1	217.8	170.6	28.4 o
-3	1	1	32.3	2.0	17.3 <
4	1	1	1444.4	1510.8	46.8 o
6	1	1	2863.4	2818.2	79.9 o
8	1	1	2225.7	2145.9	67.9 o
9	1	1	106.4	259.1	42.1 <
10	1	1	37.2	33.6	47.2 <
11	1	1	138.4	78.6	49.3 <
12	1	1	262.9	53.8	65.7 o
13	1	1	375.4	222.0	79.2 o
-10	2	1	28.8	5.6	40.8 <
-8	2	1	314.5	347.6	48.9 o
-6	2	1	3.8	9.5	28.9 <
-4	2	1	199.7	167.7	30.5 o
-2	2	1	58.2	42.7	21.2 <
0	2	1	65.4	16.5	16.1 o
5	2	1	5576.0	5523.1	140.4 o
7	2	1	566.3	609.0	48.1 o
8	2	1	306.6	432.4	49.1 o
9	2	1	288.7	281.7	36.0 o
10	2	1	36.4	55.9	43.1 <
11	2	1	112.5	96.3	54.3 <
12	2	1	57.6	77.4	55.5 <

-11	3	1	198.6	286.6	57.2 <
-9	3	1	89.6	16.1	50.0 <
-7	3	1	251.1	350.7	47.2 o
-5	3	1	169.9	250.2	40.7 o
-3	3	1	98.9	250.0	29.2 <
-1	3	1	122.3	83.8	23.3 o
1	3	1	171.8	204.5	22.8 o
7	3	1	190.4	302.8	33.5 o
8	3	1	1205.9	1481.6	51.6 o
9	3	1	-8.1	116.8	44.4 <
10	3	1	23.3	23.1	36.0 <
11	3	1	83.8	63.2	59.6 <
12	3	1	-20.4	50.3	61.2 <
-10	4	1	203.3	282.2	67.8 <
-8	4	1	62.3	6.5	54.4 <
-6	4	1	130.4	72.4	41.9 <
-4	4	1	240.8	379.1	42.4 o
-2	4	1	154.8	280.2	33.7 o
0	4	1	34.0	74.5	23.7 <
1	4	1	68.5	16.2	21.3 <
7	4	1	257.5	422.0	59.5 o
9	4	1	179.1	188.1	61.7 <
11	4	1	159.1	71.6	69.3 <
-9	5	1	78.5	165.1	59.9 <
-7	5	1	77.2	28.8	74.8 <
-5	5	1	40.1	51.5	42.2 <
-3	5	1	96.7	268.0	39.3 <
-1	5	1	238.1	426.0	38.9 o
8	5	1	584.8	711.0	71.7 o
-6	6	1	218.0	301.6	59.9 <
-4	6	1	40.4	75.2	47.5 <
-2	6	1	38.5	53.6	58.5 <
3	6	1	196.6	616.2	76.6 <
7	6	1	225.6	232.8	69.9 <
-5	7	1	153.4	211.0	96.3 <
4	7	1	113.0	304.0	99.0 <
-1	-7	2	4019.2	3506.4	116.3 o
0	-7	2	35.5	0.2	50.2 <
1	-7	2	3801.3	3598.5	114.4 o
2	-7	2	53.5	1.4	33.5 <
4	-7	2	125.2	1.0	51.9 <
-6	-6	2	14999.4	15604.1	373.6 o
-2	-6	2	4158.6	4693.3	114.0 o
0	-6	2	22571.8	20506.4	510.1 o
1	-6	2	20.4	2.4	28.4 <
2	-6	2	2334.0	2643.0	89.5 o
3	-6	2	30.5	0.8	30.1 <
5	-6	2	60.4	1.8	38.9 <
6	-6	2	2465.5	2936.1	102.9 o
7	-6	2	91.7	2.8	45.0 <
-3	-5	2	25100.0	26012.9	565.3 o
-1	-5	2	6785.0	6433.6	167.9 o
0	-5	2	83.5	0.6	38.5 <
2	-5	2	1.9	2.2	22.0 <

3	-5	2	6362.3	6173.4	172.7	o
4	-5	2	31.5	2.7	31.4	<
5	-5	2	878.4	926.5	56.2	o
6	-5	2	35.7	3.8	34.8	<
8	-5	2	78.1	4.9	44.3	<
-10	-4	2	4117.3	4020.0	141.1	o
-8	-4	2	3754.4	3976.2	126.9	o
-6	-4	2	26341.7	24817.0	598.1	o
-4	-4	2	6868.5	7026.0	172.7	o
1	-4	2	9.9	2.6	26.2	<
2	-4	2	14452.1	15824.1	351.7	o
3	-4	2	19.8	0.0	27.8	<
5	-4	2	30.0	3.4	23.3	<
7	-4	2	-6.5	5.1	30.1	<
9	-4	2	59.2	3.0	43.6	<
11	-4	2	42.2	5.8	57.9	<
-11	-3	2	3456.8	3452.8	131.4	o
-9	-3	2	22409.3	21169.2	517.2	o
-7	-3	2	5605.0	5693.9	149.7	o
-1	-3	2	14122.9	15590.8	332.6	o
0	-3	2	14.0	0.9	30.4	<
2	-3	2	-0.2	5.4	22.7	<
4	-3	2	32.8	3.1	24.0	<
6	-3	2	32.8	1.4	25.1	<
8	-3	2	53.0	2.4	28.8	<
10	-3	2	34.1	4.0	37.2	<
-8	-2	2	3257.2	3288.8	103.2	o
1	-2	2	35.5	4.7	20.7	<
3	-2	2	50.6	1.2	20.5	<
5	-2	2	5.3	0.7	21.8	<
7	-2	2	82.2	3.2	36.7	<
9	-2	2	37.5	4.2	29.3	<
11	-2	2	60.7	2.0	38.8	<
1	-1	2	102499.0	97688.0	2364.4	o
2	-1	2	52.3	4.3	14.2	<
4	-1	2	12.1	5.5	13.2	<
8	-1	2	-5.4	3.5	54.5	<
10	-1	2	116.2	2.4	46.1	<
12	-1	2	52.4	3.1	62.2	<
-4	0	2	24407.9	24020.9	540.5	o
5	0	2	23.5	0.4	13.2	<
7	0	2	32.7	0.2	31.9	<
9	0	2	38.0	1.6	42.5	<
10	0	2	1174.8	1082.7	76.2	o
11	0	2	-14.1	0.3	50.8	<
12	0	2	3371.9	3238.3	125.8	o
-5	1	2	59918.8	59110.0	1326.3	o
-3	1	2	74974.5	69887.4	1655.2	o
4	1	2	31.6	5.7	24.0	<
6	1	2	41.0	2.4	25.6	<
8	1	2	-3.7	3.2	26.5	<
9	1	2	7056.2	6673.7	179.7	o
10	1	2	173.0	2.7	68.2	<
12	1	2	170.0	3.0	59.6	<

0	2	2	28052.2	28233.4	622.3 o
1	2	2	23.0	3.9	11.2 <
3	2	2	20.5	1.4	15.0 <
5	2	2	20.3	0.8	24.6 <
7	2	2	33.7	3.4	27.8 <
8	2	2	3061.7	3358.0	97.2 o
9	2	2	58.4	4.0	29.1 <
11	2	2	43.4	1.7	59.2 <
-11	3	2	8774.1	9252.2	230.0 o
-9	3	2	15992.4	18084.8	378.4 o
-5	3	2	45215.5	48923.1	1008.8 o
0	3	2	15.2	1.4	19.1 <
2	3	2	22.4	5.9	15.5 <
4	3	2	37.1	2.6	27.6 <
6	3	2	65.9	1.2	35.0 <
8	3	2	-8.5	2.1	29.3 <
9	3	2	20886.4	20563.8	483.9 o
10	3	2	13.8	4.6	32.2 <
11	3	2	3049.4	3462.4	116.5 o
-8	4	2	9796.0	9598.7	250.0 o
-4	4	2	6361.3	7192.4	164.5 o
1	4	2	23.7	2.2	19.1 <
3	4	2	10.3	0.1	30.7 <
5	4	2	12.3	3.5	85.9 <
7	4	2	-3.5	5.5	46.8 <
9	4	2	54.7	2.9	56.3 <
10	4	2	3603.7	3372.4	173.5 o
11	4	2	38.3	5.3	87.6 <
-5	5	2	655.6	953.2	67.8 o
2	5	2	35.3	2.4	33.3 <
4	5	2	86.9	2.3	45.9 <
6	5	2	65.9	3.9	56.1 <
8	5	2	56.9	4.3	53.7 <
-6	6	2	2421.5	2552.5	106.1 o
3	6	2	87.7	1.1	47.2 <
5	6	2	71.4	1.8	53.4 <
7	6	2	63.1	3.1	56.6 <
4	7	2	40.7	0.8	82.8 <
-3	-7	3	112.3	121.7	68.1 <
-1	-7	3	81.3	134.8	43.3 <
1	-7	3	113.5	61.0	51.6 <
2	-7	3	170.1	109.2	38.9 o
3	-7	3	184.8	27.7	52.9 <
-6	-6	3	261.0	127.0	82.9 <
-4	-6	3	16.8	6.4	52.4 <
-2	-6	3	57.4	5.2	36.9 <
0	-6	3	-19.8	35.2	40.9 <
2	-6	3	13.8	10.5	43.3 <
3	-6	3	558.4	542.4	43.1 o
4	-6	3	68.1	5.4	48.1 <
5	-6	3	366.0	401.6	45.8 o
6	-6	3	195.2	168.0	62.4 <
-9	-5	3	165.1	122.1	73.2 <
-7	-5	3	118.5	5.7	58.1 <

-5	-5	3	27.4	12.7	48.9 <
-3	-5	3	159.1	52.7	36.2 o
-1	-5	3	258.1	254.2	38.5 o
1	-5	3	211.9	166.1	46.5 o
2	-5	3	286.6	194.1	28.7 o
3	-5	3	172.6	321.4	42.2 o
5	-5	3	45.9	43.3	53.4 <
6	-5	3	1021.8	911.4	58.0 o
7	-5	3	44.2	33.3	62.2 <
8	-5	3	131.3	56.8	52.7 <
9	-5	3	132.1	198.2	123.5 <
-10	-4	3	186.4	135.9	108.0 <
-8	-4	3	103.9	5.5	55.6 <
-6	-4	3	67.1	58.5	43.9 <
-4	-4	3	260.0	294.4	42.3 o
-2	-4	3	56.9	129.4	55.2 <
0	-4	3	-17.7	79.4	46.4 <
2	-4	3	122.7	178.6	55.9 <
3	-4	3	1693.4	1422.6	54.8 o
4	-4	3	187.2	166.0	43.7 o
5	-4	3	521.5	619.5	34.7 o
6	-4	3	184.9	79.3	41.3 o
8	-4	3	26.4	6.2	60.1 <
9	-4	3	316.4	198.9	57.1 o
10	-4	3	259.1	169.6	133.7 <
-11	-3	3	-12.8	59.4	90.5 <
-9	-3	3	-0.1	32.4	63.7 <
-7	-3	3	208.7	251.6	36.0 o
-3	-3	3	219.5	258.5	52.3 o
-1	-3	3	107.3	73.5	47.4 <
1	-3	3	101.7	181.1	34.2 <
2	-3	3	174.7	207.6	33.4 o
3	-3	3	145.3	117.8	45.1 <
4	-3	3	4815.7	4351.2	124.6 o
5	-3	3	86.2	203.7	39.4 <
6	-3	3	1812.5	1789.2	62.6 o
7	-3	3	392.5	280.3	52.5 o
8	-3	3	87.1	53.5	42.8 <
9	-3	3	68.2	4.5	96.7 <
10	-3	3	634.5	560.5	75.7 o
11	-3	3	229.3	171.4	111.3 <
-12	-2	3	94.4	26.2	96.2 <
-10	-2	3	119.5	16.2	85.0 <
-8	-2	3	300.8	161.8	75.4 o
-4	-2	3	123.3	94.0	35.2 <
-2	-2	3	48.4	9.5	31.9 <
0	-2	3	-2.3	39.3	23.7 <
1	-2	3	2074.6	2420.1	61.5 o
2	-2	3	6.4	9.0	23.5 <
4	-2	3	76.7	142.8	30.0 <
7	-2	3	3942.8	3376.8	118.7 o
8	-2	3	370.2	282.5	86.8 o
9	-2	3	301.9	272.8	62.4 o
10	-2	3	-7.5	5.9	78.6 <

11	-2	3	622.4	320.1	89.8 o
12	-2	3	349.8	200.5	132.4 <
-5	-1	3	200.5	176.3	35.1 o
-3	-1	3	54.9	38.7	19.9 <
-1	-1	3	191.8	213.9	29.1 o
1	-1	3	171.5	120.3	34.9 o
2	-1	3	222.3	265.0	26.1 o
4	-1	3	7266.9	6447.0	164.5 o
5	-1	3	208.3	140.9	35.2 o
8	-1	3	37.2	34.9	55.9 <
9	-1	3	355.5	73.2	80.3 o
10	-1	3	1117.4	769.6	142.2 o
11	-1	3	127.9	33.3	84.2 <
12	-1	3	135.5	26.8	102.5 <
-6	0	3	81.9	101.7	20.1 o
-4	0	3	20.3	11.0	17.9 <
-2	0	3	126.2	120.3	18.4 o
1	0	3	2403.9	2370.4	62.7 o
2	0	3	182.0	122.5	26.5 o
4	0	3	46.6	8.9	19.3 <
7	0	3	4436.5	4225.3	131.1 o
8	0	3	465.3	169.5	87.8 o
9	0	3	313.0	275.4	85.8 <
10	0	3	27.7	42.5	70.9 <
11	0	3	446.3	444.0	112.4 o
12	0	3	109.8	167.8	114.6 <
-9	1	3	241.1	93.2	63.8 <
-7	1	3	165.6	211.1	34.6 o
-5	1	3	154.8	145.1	30.4 o
-1	1	3	115.3	118.2	21.8 o
1	1	3	308.2	214.0	34.3 o
2	1	3	250.0	193.3	18.5 o
3	1	3	43.8	40.1	22.1 <
6	1	3	2738.0	2535.7	81.8 o
8	1	3	69.0	44.6	31.8 <
9	1	3	71.2	320.5	62.7 <
10	1	3	485.0	756.1	82.3 o
11	1	3	34.2	4.5	83.8 <
12	1	3	284.2	25.4	100.2 <
-10	2	3	44.8	3.3	65.0 <
-8	2	3	214.1	273.2	48.1 o
-6	2	3	90.1	11.1	40.9 <
-4	2	3	198.8	147.6	36.3 o
-2	2	3	17.6	10.9	20.9 <
0	2	3	38.9	38.0	23.0 <
2	2	3	44.1	9.4	27.6 <
5	2	3	782.0	834.9	48.2 o
7	2	3	3436.0	3440.7	95.8 o
8	2	3	384.2	165.7	92.1 o
9	2	3	264.2	253.9	40.5 o
10	2	3	80.3	10.5	87.9 <
11	2	3	281.4	356.7	91.2 <
12	2	3	163.0	26.2	116.5 <
-11	3	3	163.0	171.4	81.3 <

-9	3	3	51.0	4.9	49.8 <
-7	3	3	179.6	271.1	47.8 <
-5	3	3	119.0	212.2	45.3 <
-3	3	3	43.6	98.4	28.8 <
-1	3	3	134.5	177.5	28.2 o
1	3	3	117.2	93.2	22.2 o
2	3	3	114.7	110.6	25.0 o
7	3	3	180.2	251.7	54.4 <
8	3	3	110.6	25.4	41.4 <
9	3	3	-37.9	35.9	68.0 <
10	3	3	483.8	540.5	59.0 o
11	3	3	49.7	60.1	103.6 <
-10	4	3	125.1	169.7	63.8 <
-8	4	3	28.5	3.4	53.7 <
-6	4	3	122.4	99.4	48.1 <
-4	4	3	129.3	143.0	42.7 <
-2	4	3	150.9	207.9	35.6 o
0	4	3	38.2	72.9	26.8 <
5	4	3	256.6	494.9	48.9 o
7	4	3	1743.4	2028.3	82.7 o
9	4	3	104.4	181.2	63.5 <
10	4	3	185.3	132.2	108.6 <
-9	5	3	183.5	185.1	103.6 <
-7	5	3	65.0	43.6	51.8 <
-5	5	3	53.9	51.0	43.1 <
-3	5	3	111.5	316.2	38.4 <
-1	5	3	136.9	162.5	34.5 o
2	5	3	114.5	94.1	58.8 <
6	5	3	476.8	876.0	63.6 o
8	5	3	45.4	41.4	53.1 <
-6	6	3	149.2	137.9	62.3 <
-4	6	3	28.9	4.5	48.9 <
3	6	3	226.6	543.1	58.8 o
5	6	3	87.3	309.2	76.0 <
4	7	3	310.1	675.8	111.5 <
-3	-7	4	1608.3	1357.7	105.4 o
-1	-7	4	4981.9	5038.6	139.3 o
0	-7	4	27.2	6.7	61.1 <
1	-7	4	5323.7	5499.6	153.8 o
2	-7	4	46.7	0.5	40.3 <
0	-6	4	6388.7	6666.2	167.8 o
1	-6	4	-30.4	2.1	29.2 <
3	-6	4	92.6	5.3	33.8 <
4	-6	4	3174.1	3318.2	109.5 o
5	-6	4	53.5	2.5	40.6 <
6	-6	4	676.3	330.8	100.6 o
-9	-5	4	1397.0	1666.4	141.9 o
-5	-5	4	5608.8	5782.1	199.7 o
-1	-5	4	8901.4	7902.2	214.4 o
0	-5	4	-17.0	9.3	38.3 <
1	-5	4	5991.5	5141.0	161.2 o
2	-5	4	37.1	2.1	26.3 <
4	-5	4	20.3	2.8	29.2 <
6	-5	4	43.3	5.4	43.4 <

8	-5	4	65.4	18.0	70.6	<
-10	-4	4	5799.4	4872.1	238.8	o
-2	-4	4	12819.5	13220.1	323.0	o
0	-4	4	5759.4	5118.9	169.0	o
1	-4	4	-19.5	4.9	35.6	<
2	-4	4	2653.6	2508.5	107.3	o
3	-4	4	23.2	5.0	27.2	<
4	-4	4	3888.7	4162.4	113.8	o
5	-4	4	-15.4	5.8	33.6	<
7	-4	4	13.1	9.1	53.6	<
9	-4	4	165.6	0.5	70.5	<
10	-4	4	6875.1	5916.5	272.4	o
-9	-3	4	6095.7	5283.8	206.3	o
-7	-3	4	7840.4	8335.4	225.2	o
-5	-3	4	12341.1	11530.1	304.4	o
-3	-3	4	4249.2	4048.9	137.8	o
-1	-3	4	4647.1	4373.7	143.2	o
0	-3	4	13.3	4.7	39.9	<
2	-3	4	13.3	4.8	27.1	<
4	-3	4	-10.2	9.3	26.1	<
6	-3	4	3.9	1.2	27.7	<
8	-3	4	42.2	4.9	46.4	<
9	-3	4	10384.9	10786.6	305.8	o
10	-3	4	45.0	8.7	62.8	<
11	-3	4	6465.0	5898.0	250.0	o
-10	-2	4	8610.9	7524.4	264.0	o
-8	-2	4	5128.1	5272.3	169.4	o
-4	-2	4	3587.7	3025.7	110.2	o
-2	-2	4	24225.3	27252.2	552.7	o
0	-2	4	27945.9	30283.7	633.4	o
1	-2	4	39.0	12.8	23.0	<
3	-2	4	55.0	2.1	30.3	<
4	-2	4	23185.0	26191.0	531.0	o
5	-2	4	27.5	1.1	24.4	<
7	-2	4	20.4	4.9	33.4	<
9	-2	4	64.2	1.8	49.0	<
11	-2	4	193.0	10.5	68.1	<
-5	-1	4	4400.6	3942.3	127.5	o
-1	-1	4	24089.4	25065.6	546.1	o
0	-1	4	6.9	4.9	30.1	<
1	-1	4	33704.8	33201.7	755.8	o
2	-1	4	61.8	7.4	27.8	<
3	-1	4	52080.5	53620.6	1159.3	o
4	-1	4	1.8	3.5	27.8	<
8	-1	4	73.5	12.4	64.8	<
10	-1	4	198.9	6.5	85.5	<
11	-1	4	1553.6	1737.1	161.7	o
12	-1	4	18.1	2.8	97.6	<
-6	0	4	29226.0	25931.2	652.4	o
-4	0	4	60350.9	55678.5	1335.3	o
-2	0	4	32147.1	33404.2	714.6	o
1	0	4	93.4	30.5	23.0	o
3	0	4	69.1	1.5	22.5	<
5	0	4	31.3	2.8	23.8	<

7	0	4	77.0	0.0	51.3 <
8	0	4	4809.0	4222.4	162.8 o
9	0	4	73.7	0.0	67.2 <
11	0	4	-9.9	0.7	91.6 <
12	0	4	591.8	361.9	121.8 o
-5	1	4	31522.4	29590.8	701.2 o
-3	1	4	52750.1	48381.2	1169.0 o
-1	1	4	35589.9	33592.5	790.5 o
0	1	4	30.8	4.2	23.9 <
2	1	4	58.1	7.7	20.6 <
4	1	4	41.0	2.9	20.1 <
6	1	4	2.2	4.6	28.4 <
8	1	4	17.2	13.9	29.4 <
10	1	4	42.4	5.2	89.3 <
11	1	4	4057.3	3504.9	193.0 o
12	1	4	259.7	3.1	105.0 <
-10	2	4	9927.1	10038.2	278.8 o
-8	2	4	17010.3	17275.6	397.4 o
0	2	4	37563.7	34641.0	835.4 o
1	2	4	32.8	13.0	17.5 <
3	2	4	35.0	2.9	18.7 <
5	2	4	63.2	1.1	42.9 <
7	2	4	30.9	4.1	30.2 <
8	2	4	5059.3	4918.9	173.5 o
9	2	4	50.1	2.1	36.0 <
11	2	4	95.7	11.1	88.3 <
12	2	4	2173.5	1712.4	178.6 o
0	3	4	44.5	6.2	24.5 <
1	3	4	3372.7	3540.0	106.9 o
2	3	4	44.4	3.1	23.0 <
4	3	4	15.6	9.6	33.4 <
5	3	4	12383.8	13100.4	303.9 o
6	3	4	13.8	1.1	31.8 <
7	3	4	7188.8	7616.3	205.7 o
8	3	4	-3.5	6.0	38.1 <
9	3	4	5633.9	6597.0	193.6 o
10	3	4	22.2	7.2	49.0 <
11	3	4	4886.5	5474.6	204.8 o
-2	4	4	2669.6	2946.4	86.8 o
1	4	4	15.1	5.0	26.3 <
3	4	4	21.9	6.2	34.4 <
5	4	4	62.3	5.9	41.9 <
7	4	4	66.3	7.8	50.9 <
9	4	4	17.0	0.7	55.0 <
-5	5	4	1935.6	1763.5	85.1 o
-3	5	4	2277.1	2599.3	89.4 o
0	5	4	27.1	9.4	52.4 <
2	5	4	46.4	1.1	36.9 <
4	5	4	38.4	3.5	44.7 <
6	5	4	66.9	5.2	47.7 <
8	5	4	59.9	19.6	70.2 <
-6	6	4	467.5	416.5	80.4 o
-2	6	4	7466.4	7505.4	219.8 o
3	6	4	78.6	4.8	51.5 <

5	6	4	54.7	2.6	52.9 <
-6	-6	5	428.7	112.5	124.2 <
-4	-6	5	104.7	9.8	86.9 <
-2	-6	5	68.9	48.3	54.6 <
0	-6	5	50.4	36.0	42.4 <
2	-6	5	36.5	47.5	50.5 <
3	-6	5	539.4	441.2	57.3 o
4	-6	5	6.1	55.6	58.9 <
6	-6	5	210.5	130.8	79.1 <
-7	-5	5	20.0	11.2	80.1 <
-5	-5	5	209.7	52.2	86.4 <
-3	-5	5	179.5	102.3	51.0 <
-1	-5	5	240.6	212.1	52.1 o
1	-5	5	470.0	404.8	62.0 o
3	-5	5	136.9	40.8	55.9 <
4	-5	5	532.9	330.7	48.5 o
5	-5	5	35.3	80.5	51.4 <
6	-5	5	808.6	684.5	70.5 o
7	-5	5	86.0	15.5	100.0 <
-8	-4	5	12.4	53.5	91.3 <
-6	-4	5	76.2	94.6	63.1 <
-4	-4	5	328.1	330.2	48.3 o
-2	-4	5	511.7	571.0	76.3 o
0	-4	5	28.2	42.1	52.3 <
2	-4	5	355.6	347.2	45.7 o
3	-4	5	916.5	828.7	46.4 o
4	-4	5	664.9	606.2	55.6 o
6	-4	5	106.0	227.7	54.8 <
7	-4	5	176.9	99.8	66.9 <
8	-4	5	108.1	58.6	101.4 <
9	-4	5	163.6	115.6	68.9 <
-9	-3	5	47.5	32.0	70.6 <
-7	-3	5	204.1	198.9	72.3 <
-5	-3	5	444.1	593.1	42.1 o
-3	-3	5	33.2	21.7	56.4 <
-1	-3	5	152.4	147.8	60.0 <
1	-3	5	386.6	354.9	73.5 o
2	-3	5	3414.0	3470.0	103.1 o
3	-3	5	92.0	134.7	49.6 <
4	-3	5	181.9	291.3	41.0 o
5	-3	5	395.6	336.8	44.7 o
6	-3	5	1334.7	1242.9	58.8 o
7	-3	5	784.9	479.8	94.6 o
9	-3	5	-8.4	4.4	91.5 <
10	-3	5	255.6	181.6	77.6 <
-10	-2	5	79.7	36.9	71.4 <
-8	-2	5	434.9	425.3	80.7 o
-6	-2	5	60.9	35.0	48.5 <
-4	-2	5	173.3	122.6	55.7 <
-2	-2	5	604.0	689.5	52.5 o
0	-2	5	-24.1	44.9	35.3 <
1	-2	5	689.4	906.3	40.5 o
2	-2	5	470.1	373.6	62.7 o
4	-2	5	333.9	234.0	57.8 o

6	-2	5	14.0	4.8	45.3 <
7	-2	5	89.9	90.9	44.1 <
8	-2	5	533.7	474.4	84.2 o
9	-2	5	170.9	181.8	62.5 <
10	-2	5	223.4	59.0	102.9 <
11	-2	5	469.6	441.4	84.9 o
-5	-1	5	401.6	404.3	59.1 o
-3	-1	5	10.2	42.1	24.9 <
-1	-1	5	1061.9	875.5	70.0 o
1	-1	5	1358.2	1290.5	61.8 o
2	-1	5	5124.9	5581.9	130.5 o
3	-1	5	87.0	5.8	41.5 <
4	-1	5	149.5	215.8	22.6 o
5	-1	5	234.3	227.3	42.0 o
6	-1	5	1411.6	1718.4	75.6 o
7	-1	5	492.4	343.9	60.6 o
8	-1	5	3528.8	2808.4	147.1 o
9	-1	5	360.1	229.3	90.6 o
10	-1	5	466.4	334.9	120.8 o
11	-1	5	139.3	14.0	98.4 <
-6	0	5	138.8	148.1	35.7 o
-4	0	5	414.9	351.5	40.6 o
-2	0	5	1172.8	1292.5	49.4 o
1	0	5	649.2	651.5	40.4 o
2	0	5	1579.6	1280.6	61.7 o
3	0	5	1668.8	1785.4	52.8 o
4	0	5	419.3	381.6	38.3 o
7	0	5	97.3	30.8	60.1 <
8	0	5	755.2	598.2	77.3 o
9	0	5	218.2	236.5	72.1 <
10	0	5	24.1	80.5	74.7 <
11	0	5	291.5	520.9	98.6 <
12	0	5	91.1	129.8	104.1 <
-7	1	5	221.7	304.1	54.0 o
-5	1	5	220.9	230.9	43.7 o
-3	1	5	63.5	6.3	31.9 <
-1	1	5	1232.5	1302.1	48.6 o
2	1	5	6128.1	5647.6	145.1 o
3	1	5	55.2	45.8	45.0 <
4	1	5	178.1	56.9	36.8 o
6	1	5	1977.0	1759.0	73.0 o
7	1	5	189.7	353.5	47.7 o
8	1	5	2712.8	2791.0	115.1 o
9	1	5	41.0	38.6	63.2 <
10	1	5	694.2	351.0	118.8 o
11	1	5	232.2	55.2	80.3 <
-10	2	5	27.9	48.2	74.6 <
-8	2	5	370.7	505.6	56.9 o
-6	2	5	10.5	5.9	35.4 <
-4	2	5	191.2	235.7	37.1 o
-2	2	5	339.5	344.2	41.7 o
0	2	5	41.6	41.2	27.7 <
1	2	5	953.0	848.5	38.3 o
2	2	5	738.2	690.2	41.8 o

3	2	5	1964.8	1917.1	62.0 o
5	2	5	5873.4	5753.3	156.7 o
6	2	5	38.5	43.0	43.3 <
7	2	5	35.7	21.6	34.7 <
8	2	5	404.0	397.9	93.2 o
9	2	5	166.3	200.3	45.6 <
10	2	5	42.9	47.5	72.0 <
11	2	5	368.7	402.4	110.7 <
-9	3	5	54.8	5.0	57.7 <
-7	3	5	406.1	510.0	64.3 o
-5	3	5	332.1	299.0	54.7 o
-3	3	5	86.8	150.7	37.7 <
-1	3	5	242.8	406.9	51.3 o
1	3	5	116.9	118.5	49.0 <
3	3	5	32.5	21.3	30.4 <
4	3	5	208.8	122.1	42.3 o
5	3	5	393.2	572.1	52.0 o
6	3	5	965.4	1214.2	54.8 o
7	3	5	251.5	209.6	74.3 <
8	3	5	1851.1	2015.3	72.9 o
9	3	5	55.8	36.7	71.1 <
10	3	5	236.0	207.3	59.2 o
-8	4	5	116.1	48.2	61.1 <
-6	4	5	92.5	192.5	46.3 <
-4	4	5	400.3	673.1	49.2 o
-2	4	5	226.5	285.3	45.6 o
0	4	5	27.7	34.3	43.6 <
1	4	5	305.5	211.2	34.0 o
2	4	5	396.8	594.3	55.5 o
7	4	5	45.8	28.0	55.6 <
9	4	5	129.6	130.4	67.2 <
-7	5	5	70.3	29.3	54.7 <
-5	5	5	62.6	54.1	48.6 <
-3	5	5	50.1	30.5	46.0 <
-1	5	5	275.2	431.8	68.9 o
4	5	5	152.6	151.2	48.3 <
-4	6	5	30.9	77.2	53.1 <
-2	6	5	62.9	37.0	73.4 <
3	6	5	145.9	432.8	84.3 <
-2	-6	6	11041.6	10315.3	314.2 o
1	-6	6	176.3	16.4	67.1 <
2	-6	6	4745.9	5610.1	188.0 o
3	-6	6	93.7	17.3	49.8 <
4	-6	6	4427.0	3282.4	155.3 o
5	-6	6	94.3	3.6	68.8 <
-1	-5	6	14332.5	13055.5	376.9 o
0	-5	6	61.0	21.1	82.1 <
1	-5	6	9798.5	9114.1	284.5 o
2	-5	6	107.3	12.4	48.6 <
4	-5	6	50.0	14.5	36.6 <
6	-5	6	64.7	32.9	46.5 <
-8	-4	6	10339.1	9477.3	301.4 o
-4	-4	6	15792.9	14768.6	397.6 o
0	-4	6	5614.1	4706.6	188.8 o

1	-4	6	180.8	26.2	50.8	<
2	-4	6	3522.1	3462.8	150.0	o
3	-4	6	45.0	17.8	41.5	<
4	-4	6	619.1	1033.8	79.4	o
5	-4	6	63.2	6.5	34.3	<
7	-4	6	22.0	13.8	56.8	<
8	-4	6	3197.6	3426.3	178.4	o
9	-4	6	69.9	21.9	74.8	<
-7	-3	6	13418.4	11968.0	344.4	o
-3	-3	6	6949.4	7914.8	203.3	o
-1	-3	6	1701.1	1774.6	86.3	o
0	-3	6	-68.5	33.8	58.8	<
1	-3	6	2404.2	2198.0	115.6	o
2	-3	6	87.8	36.0	41.5	<
4	-3	6	42.2	17.6	50.0	<
6	-3	6	40.8	36.7	41.4	<
8	-3	6	9.7	0.1	50.6	<
10	-3	6	0.9	7.9	67.7	<
-6	-2	6	4574.0	4662.1	145.1	o
-4	-2	6	1953.9	1877.8	97.1	o
-2	-2	6	2565.6	2333.0	109.2	o
0	-2	6	69256.0	73223.1	1548.2	o
1	-2	6	26.6	41.6	42.0	<
2	-2	6	2094.8	2216.5	87.3	o
3	-2	6	-7.5	47.1	30.2	<
5	-2	6	-20.9	12.6	30.9	<
7	-2	6	11.0	12.2	39.3	<
8	-2	6	7357.6	6879.8	228.2	o
9	-2	6	39.4	46.4	50.6	<
10	-2	6	3883.6	3532.2	203.4	o
11	-2	6	190.3	5.8	76.3	<
-5	-1	6	2976.7	3054.8	114.9	o
-3	-1	6	64895.3	69774.2	1439.3	o
0	-1	6	145.7	29.9	54.3	<
2	-1	6	47.3	42.8	33.7	<
4	-1	6	69.7	36.4	26.5	<
6	-1	6	98.3	47.1	55.0	<
8	-1	6	162.8	12.8	69.9	<
10	-1	6	138.3	7.5	87.7	<
11	-1	6	2003.3	1361.3	156.0	o
-2	0	6	23713.5	25414.0	534.4	o
1	0	6	40.0	28.3	30.6	<
3	0	6	61.8	36.3	28.3	<
5	0	6	-4.9	6.3	27.3	<
7	0	6	13.7	4.1	45.7	<
8	0	6	1522.1	1350.7	107.0	o
9	0	6	36.6	30.4	65.9	<
11	0	6	-77.8	0.2	90.6	<
-7	1	6	14630.3	14913.5	340.9	o
-1	1	6	26828.7	25544.7	603.4	o
0	1	6	34.0	35.5	32.2	<
2	1	6	68.2	39.7	28.4	<
4	1	6	16.5	36.9	33.6	<
6	1	6	75.8	47.6	43.4	<

8	1	6	177.7	11.8	67.0 <
-2	2	6	3032.4	3298.3	99.6 o
1	2	6	55.4	36.5	25.2 <
3	2	6	57.0	51.5	24.8 <
5	2	6	46.8	12.0	48.9 <
6	2	6	4375.0	4069.8	138.5 o
7	2	6	10.8	13.5	37.2 <
9	2	6	37.3	44.0	80.1 <
10	2	6	5249.5	5772.7	202.0 o
11	2	6	2.2	6.1	130.6 <
0	3	6	51.5	42.7	52.2 <
1	3	6	1647.4	2130.4	88.1 o
2	3	6	25.9	34.3	30.2 <
4	3	6	59.1	15.0	61.4 <
6	3	6	19.0	35.3	35.5 <
7	3	6	13173.1	13086.5	336.5 o
8	3	6	28.3	0.4	37.3 <
10	3	6	10.9	10.4	59.7 <
-6	4	6	14400.7	14435.8	349.8 o
-4	4	6	751.7	1070.6	64.0 o
-2	4	6	2624.4	2898.1	117.5 o
1	4	6	63.0	21.2	44.7 <
2	4	6	9056.4	8958.1	234.0 o
3	4	6	39.3	22.2	55.5 <
5	4	6	30.7	6.0	44.4 <
7	4	6	32.4	15.8	48.4 <
9	4	6	108.4	19.4	90.0 <
-7	5	6	1191.6	1616.3	93.4 o
-3	5	6	4886.3	4267.9	149.8 o
-1	5	6	8106.3	8155.1	230.5 o
0	5	6	40.8	29.4	61.1 <
2	5	6	18.1	10.2	59.2 <
4	5	6	22.5	12.2	46.4 <
6	5	6	30.0	32.7	62.1 <
-4	6	6	3021.3	3310.9	110.7 o
3	6	6	41.1	21.8	69.9 <
-2	-6	7	69.3	74.4	90.7 <
0	-6	7	263.5	64.0	112.3 <
1	-6	7	395.3	136.4	83.5 o
3	-6	7	96.9	267.8	100.3 <
-3	-5	7	54.9	45.1	82.4 <
-1	-5	7	24.9	105.1	77.6 <
1	-5	7	102.0	55.9	84.8 <
2	-5	7	215.9	132.6	63.4 <
3	-5	7	214.0	204.4	71.3 <
4	-5	7	898.4	829.2	77.8 o
5	-5	7	87.8	114.7	80.9 <
6	-5	7	475.5	463.2	124.5 o
-8	-4	7	-68.0	74.7	82.9 <
-4	-4	7	115.6	30.6	78.4 <
-2	-4	7	69.3	31.2	62.5 <
0	-4	7	22.0	104.1	70.8 <
1	-4	7	242.8	214.8	63.6 o
2	-4	7	60.2	22.1	60.6 <

3	-4	7	789.3	785.6	69.0 o
4	-4	7	140.9	82.8	67.0 <
5	-4	7	422.7	469.9	60.2 o
8	-4	7	121.3	68.6	98.7 <
-9	-3	7	-5.3	83.5	80.6 <
-5	-3	7	47.6	23.5	56.9 <
-3	-3	7	219.3	184.7	75.1 <
-1	-3	7	25.7	41.5	51.8 <
1	-3	7	114.0	285.5	56.5 <
2	-3	7	101.9	205.8	46.8 <
3	-3	7	-44.4	37.8	51.1 <
5	-3	7	-71.6	50.1	60.7 <
8	-3	7	120.4	96.1	61.8 <
9	-3	7	0.0	11.5	19.8 <
-10	-2	7	3.8	67.8	81.0 <
-8	-2	7	34.8	48.4	67.3 <
-6	-2	7	25.0	136.5	59.7 <
-4	-2	7	-11.2	36.3	60.1 <
-2	-2	7	317.5	136.0	93.4 <
0	-2	7	108.5	73.0	74.3 <
1	-2	7	500.9	731.0	55.5 o
2	-2	7	17.2	22.3	46.2 <
3	-2	7	661.0	900.8	60.5 o
4	-2	7	189.0	152.0	61.7 <
5	-2	7	588.1	861.4	52.6 o
8	-2	7	78.0	174.3	68.5 <
9	-2	7	200.4	140.9	63.2 <
10	-2	7	332.1	68.8	113.0 <
-5	-1	7	268.7	270.4	64.6 o
-3	-1	7	16.1	86.2	32.0 <
-1	-1	7	-26.8	8.9	47.2 <
1	-1	7	141.2	10.8	57.9 <
2	-1	7	272.9	292.0	42.4 o
3	-1	7	137.1	11.8	54.6 <
4	-1	7	2331.7	2493.0	72.5 o
6	-1	7	995.8	1317.7	88.1 o
8	-1	7	417.8	139.2	98.3 o
9	-1	7	228.1	111.3	79.7 <
10	-1	7	200.7	194.8	103.3 <
-6	0	7	17.3	36.4	62.4 <
-4	0	7	76.4	17.6	40.5 <
-2	0	7	26.9	9.1	35.6 <
1	0	7	433.1	437.1	54.2 o
2	0	7	68.6	10.8	51.0 <
3	0	7	1372.6	1540.4	57.1 o
4	0	7	32.8	25.1	41.5 <
5	0	7	777.6	701.7	55.6 o
7	0	7	1108.4	1501.8	87.3 o
8	0	7	33.8	82.0	63.1 <
9	0	7	19.7	125.1	76.7 <
10	0	7	-34.3	114.0	78.0 <
-7	1	7	53.9	41.4	44.5 <
-5	1	7	191.6	167.5	50.1 o
-3	1	7	33.2	10.2	39.4 <

-1	1	7	21.3	9.1	35.4 <
1	1	7	26.2	9.0	57.0 <
2	1	7	288.2	264.3	38.3 o
3	1	7	69.4	74.5	54.7 <
4	1	7	2294.6	2565.7	87.8 o
6	1	7	1324.6	1274.9	70.6 o
8	1	7	323.2	169.2	76.3 o
9	1	7	238.7	201.7	84.6 <
10	1	7	401.4	187.5	113.6 <
-8	2	7	32.6	163.3	63.6 <
-6	2	7	11.0	14.6	55.3 <
-4	2	7	130.6	173.1	43.2 <
-2	2	7	53.8	15.0	35.2 <
0	2	7	107.3	84.4	47.6 <
1	2	7	623.0	733.5	37.5 o
2	2	7	173.6	136.2	43.7 o
3	2	7	794.2	901.3	42.2 o
5	2	7	784.3	810.6	62.3 o
7	2	7	1349.4	1178.6	104.0 o
8	2	7	42.0	54.5	64.0 <
9	2	7	109.4	123.5	66.2 <
10	2	7	35.3	93.5	80.0 <
-9	3	7	27.9	9.0	81.3 <
-7	3	7	47.6	162.2	73.0 <
-5	3	7	40.5	41.2	56.8 <
-3	3	7	26.7	33.0	54.4 <
-1	3	7	126.6	273.1	67.2 <
1	3	7	23.5	33.5	50.9 <
2	3	7	162.1	200.4	48.6 <
3	3	7	100.4	184.8	48.9 <
6	3	7	950.7	951.4	107.0 o
8	3	7	29.6	92.7	50.5 <
9	3	7	-20.6	65.3	69.7 <
-8	4	7	130.3	47.9	88.0 <
-6	4	7	93.1	163.7	84.0 <
-4	4	7	31.0	66.3	61.1 <
-2	4	7	93.6	17.4	71.5 <
0	4	7	69.3	133.8	71.3 <
1	4	7	137.5	238.9	44.4 <
2	4	7	60.6	24.2	62.8 <
3	4	7	473.5	750.6	94.3 o
5	4	7	180.3	459.1	77.4 <
7	4	7	567.6	769.6	94.3 o
-5	5	7	6.2	77.4	79.5 <
-3	5	7	45.5	235.1	74.1 <
-1	5	7	53.1	50.4	67.0 <
2	5	7	152.2	104.9	81.7 <
4	5	7	359.7	889.4	91.7 o
-2	6	7	89.4	67.7	91.7 <
1	6	7	135.0	138.5	86.7 <
0	-5	8	37.9	19.1	86.7 <
2	-5	8	40.1	4.0	98.8 <
3	-5	8	7211.5	6584.3	239.4 o
4	-5	8	0.6	1.5	58.9 <

-4	-4	8	1444.0	1085.2	120.0 o
-2	-4	8	2127.5	1862.2	143.3 o
0	-4	8	8140.3	7802.8	257.2 o
1	-4	8	38.9	6.9	52.1 <
2	-4	8	2116.6	2139.9	133.2 o
3	-4	8	46.0	10.8	47.9 <
4	-4	8	5269.1	6282.2	182.8 o
5	-4	8	-26.7	2.4	47.4 <
-5	-3	8	1687.6	1193.6	115.7 o
-3	-3	8	10556.1	9531.4	294.6 o
-1	-3	8	4856.5	5587.0	176.4 o
0	-3	8	-13.6	33.3	70.4 <
2	-3	8	26.0	0.0	48.3 <
3	-3	8	589.6	721.5	79.1 o
4	-3	8	22.3	7.0	47.3 <
-4	-2	8	4590.8	4965.9	162.1 o
-2	-2	8	23905.9	24252.8	574.5 o
1	-2	8	138.9	5.9	53.5 <
2	-2	8	42996.6	40443.4	983.6 o
3	-2	8	38.1	31.6	47.5 <
5	-2	8	25.4	5.9	69.5 <
-5	-1	8	9082.5	8704.8	253.6 o
-1	-1	8	32137.2	29186.6	745.9 o
0	-1	8	-12.5	26.4	58.0 <
2	-1	8	18.9	2.2	41.1 <
4	-1	8	-2.1	4.1	32.4 <
6	-1	8	88.1	13.0	65.5 <
-6	0	8	1396.1	1349.9	95.9 o
-4	0	8	38176.8	39397.4	856.9 o
-2	0	8	34686.2	34921.2	780.2 o
1	0	8	61.0	6.4	38.8 <
3	0	8	61.5	22.5	33.9 <
5	0	8	33.9	1.5	40.9 <
7	0	8	25.2	0.3	68.1 <
-7	1	8	8437.2	9059.7	216.7 o
-5	1	8	25155.1	24917.5	575.8 o
-3	1	8	1171.6	1019.4	67.6 o
-1	1	8	39083.9	35062.0	877.1 o
0	1	8	57.8	22.1	45.9 <
2	1	8	39.2	4.5	32.4 <
4	1	8	32.8	3.3	38.8 <
6	1	8	37.4	13.2	42.9 <
-4	2	8	26430.2	25015.9	605.4 o
-2	2	8	44571.0	39772.1	999.4 o
0	2	8	3044.1	3115.7	103.6 o
1	2	8	22.6	8.5	29.1 <
3	2	8	31.6	29.2	31.2 <
5	2	8	41.7	6.4	43.6 <
7	2	8	108.5	2.5	73.9 <
-3	3	8	1026.4	1146.0	103.7 o
0	3	8	42.2	28.7	56.2 <
1	3	8	4715.2	5323.5	164.8 o
2	3	8	66.3	0.9	45.3 <
3	3	8	9996.4	9521.4	269.3 o

4	3	8	33.1	7.7	42.4 <
6	3	8	51.3	11.2	63.9 <
8	3	8	25.4	4.1	71.6 <
-6	4	8	2679.9	3022.3	151.4 o
-2	4	8	1988.0	2585.8	117.2 o
0	4	8	6964.9	7299.9	211.2 o
1	4	8	16.4	9.1	50.8 <
2	4	8	1577.5	1387.8	106.9 o
3	4	8	57.0	9.2	70.9 <
5	4	8	35.4	2.9	71.5 <
-3	5	8	6414.6	5967.2	213.9 o
-1	5	8	1825.3	2021.0	116.3 o
0	5	8	28.1	14.6	64.6 <
2	5	8	-7.1	5.2	71.0 <
4	5	8	77.9	2.3	88.7 <
-1	-5	9	68.6	33.5	85.2 <
-4	-4	9	104.0	13.8	91.6 <
-2	-4	9	76.3	22.9	80.1 <
0	-4	9	49.7	142.0	72.4 <
1	-4	9	150.1	124.0	63.5 <
2	-4	9	26.2	94.9	75.0 <
3	-4	9	294.5	318.5	73.4 o
4	-4	9	11.5	52.6	85.6 <
5	-4	9	339.2	501.7	66.7 o
-5	-3	9	7.8	25.5	82.4 <
-3	-3	9	151.0	56.6	82.8 <
-1	-3	9	88.1	104.2	68.1 <
1	-3	9	129.1	16.1	87.3 <
2	-3	9	190.7	259.7	65.7 <
3	-3	9	100.7	121.3	74.2 <
4	-3	9	609.3	731.1	79.1 o
5	-3	9	88.0	18.7	73.4 <
-6	-2	9	51.0	117.6	80.5 <
-4	-2	9	84.4	110.7	77.8 <
-2	-2	9	-5.5	22.2	87.3 <
0	-2	9	257.5	77.4	107.5 <
1	-2	9	90.1	69.9	55.3 <
2	-2	9	308.6	26.1	99.7 <
3	-2	9	586.8	802.9	59.9 o
4	-2	9	182.6	38.2	63.7 <
5	-2	9	370.5	622.9	92.2 o
-5	-1	9	68.0	35.1	68.0 <
-3	-1	9	42.5	67.7	43.6 <
-1	-1	9	21.9	9.0	71.7 <
1	-1	9	21.5	48.0	63.5 <
2	-1	9	246.2	319.9	40.2 o
3	-1	9	-14.5	9.3	64.7 <
4	-1	9	839.6	1016.7	70.9 o
6	-1	9	776.3	694.8	112.5 o
-6	0	9	130.3	127.1	91.8 <
-4	0	9	92.6	22.3	52.3 <
-2	0	9	114.9	50.4	49.3 <
1	0	9	274.9	304.3	46.2 o
2	0	9	81.9	47.0	70.1 <

3	0	9	548.4	615.0	54.6 o
5	0	9	875.3	980.7	64.9 o
7	0	9	493.7	601.1	94.9 o
-7	1	9	57.0	18.9	86.4 <
-5	1	9	5.1	32.1	44.8 <
-3	1	9	56.5	10.8	44.1 <
-1	1	9	4.2	51.3	45.3 <
1	1	9	19.2	8.9	40.2 <
2	1	9	291.5	328.7	42.8 o
3	1	9	86.3	78.9	70.4 <
4	1	9	811.2	978.8	75.4 o
6	1	9	780.0	725.2	71.6 o
-8	2	9	60.1	76.3	79.9 <
-6	2	9	46.3	19.9	51.8 <
-4	2	9	13.5	30.0	50.2 <
-2	2	9	61.5	22.4	46.8 <
0	2	9	94.9	66.3	56.2 <
1	2	9	61.6	81.5	34.9 <
2	2	9	18.6	22.3	42.9 <
3	2	9	709.6	794.7	58.0 o
4	2	9	126.8	103.8	69.2 <
5	2	9	540.2	636.5	74.5 o
7	2	9	565.4	570.1	96.1 o
-7	3	9	40.9	75.8	88.1 <
-5	3	9	26.6	20.6	72.7 <
-3	3	9	94.2	128.6	67.5 <
-1	3	9	37.8	33.5	62.1 <
1	3	9	107.0	110.8	71.9 <
2	3	9	195.6	235.0	55.5 <
3	3	9	55.5	56.4	65.7 <
4	3	9	602.1	768.3	70.8 o
6	3	9	424.3	504.3	90.7 o
-4	4	9	37.3	70.1	75.5 <
-2	4	9	70.2	86.6	75.5 <
0	4	9	36.7	115.3	64.5 <
1	4	9	183.4	121.4	63.4 <
2	4	9	84.9	23.9	74.1 <
3	4	9	124.7	339.7	79.2 <
5	4	9	251.4	475.3	100.5 <
-1	5	9	24.2	18.8	81.7 <
-2	-4	10	5046.1	3846.6	204.6 o
0	-4	10	3604.3	3530.4	186.0 o
1	-4	10	55.8	20.5	62.9 <
2	-4	10	1153.5	1242.8	134.7 o
3	-4	10	32.0	14.0	67.4 <
-3	-3	10	4186.1	5178.1	175.2 o
-1	-3	10	1219.0	866.9	127.6 o
0	-3	10	108.1	26.1	77.1 <
1	-3	10	687.3	390.6	116.7 o
2	-3	10	58.8	30.0	63.7 <
3	-3	10	15661.3	15410.9	406.3 o
4	-3	10	146.9	6.8	64.3 <
-6	-2	10	3451.2	3659.6	173.9 o
-4	-2	10	951.6	905.5	113.4 o

-2	-2	10	748.7	994.6	97.6 o
0	-2	10	32167.1	31966.9	757.5 o
1	-2	10	-16.4	33.7	77.0 <
2	-2	10	648.0	576.5	86.4 o
3	-2	10	-12.3	34.8	55.6 <
4	-2	10	3113.7	3641.1	132.3 o
5	-2	10	45.3	14.0	82.2 <
-5	-1	10	715.5	715.6	116.7 o
-3	-1	10	27721.3	30422.0	635.3 o
0	-1	10	35.1	23.7	77.8 <
2	-1	10	77.7	37.5	45.8 <
4	-1	10	111.5	28.0	90.1 <
6	-1	10	-5.1	35.0	65.5 <
-4	0	10	899.5	1092.4	73.3 o
-2	0	10	5926.5	5923.6	166.7 o
1	0	10	137.3	26.7	44.6 <
3	0	10	125.0	30.6	47.4 <
5	0	10	14.2	7.5	48.4 <
7	0	10	57.9	1.1	86.5 <
-7	1	10	5283.7	4580.7	206.9 o
-3	1	10	47936.9	43493.7	1079.6 o
-1	1	10	6466.7	5956.4	178.9 o
0	1	10	54.0	30.4	50.9 <
2	1	10	50.9	33.9	38.8 <
4	1	10	45.3	28.6	57.0 <
6	1	10	70.3	35.4	53.1 <
-6	2	10	16712.8	15236.8	402.6 o
-4	2	10	3159.1	3347.0	121.7 o
-2	2	10	1072.0	1082.7	81.6 o
1	2	10	55.3	28.9	39.1 <
2	2	10	1136.7	982.6	78.2 o
3	2	10	33.5	40.4	42.4 <
4	2	10	1083.2	796.9	104.3 o
5	2	10	39.6	13.1	45.2 <
7	2	10	55.3	3.6	91.9 <
-1	3	10	525.0	778.9	102.4 o
0	3	10	100.2	37.2	76.1 <
1	3	10	977.2	973.3	96.8 o
2	3	10	88.1	26.5	56.7 <
3	3	10	4850.4	5186.1	185.6 o
4	3	10	80.0	5.2	57.3 <
-2	4	10	985.6	980.9	116.3 o
0	4	10	3358.7	3961.4	161.5 o
1	4	10	41.1	15.6	51.9 <
2	4	10	4715.6	4184.4	179.2 o
-1	-3	11	379.5	457.2	114.8 <
1	-3	11	609.2	860.4	127.2 o
2	-3	11	487.4	730.2	81.3 o
3	-3	11	185.6	35.6	102.8 <
-4	-2	11	458.1	415.1	119.5 o
-2	-2	11	979.6	1012.5	126.9 o
0	-2	11	-7.7	29.4	86.4 <
1	-2	11	44.3	93.6	56.2 <
2	-2	11	428.9	502.7	94.9 o

3	-2	11	138.0	239.0	65.3	<
4	-2	11	771.4	794.5	100.0	o
5	-2	11	1165.7	1360.9	129.3	o
-5	-1	11	843.1	897.8	110.6	o
-3	-1	11	68.1	39.7	54.1	<
-1	-1	11	431.1	499.2	66.1	o
1	-1	11	818.6	685.8	116.4	o
2	-1	11	897.5	1115.8	68.5	o
3	-1	11	71.9	5.5	72.8	<
4	-1	11	93.6	37.3	92.0	<
6	-1	11	215.4	411.6	102.4	<
-6	0	11	84.6	26.4	93.0	<
-4	0	11	465.1	474.8	69.1	o
-2	0	11	635.8	691.0	65.1	o
1	0	11	372.5	250.1	59.9	o
2	0	11	982.7	681.3	106.9	o
3	0	11	473.6	486.4	58.5	o
5	0	11	1020.7	1365.9	138.2	o
-5	1	11	652.7	827.4	87.0	o
-3	1	11	50.1	4.1	54.0	<
-1	1	11	694.1	695.3	74.2	o
1	1	11	574.2	498.9	65.1	o
2	1	11	935.4	1129.5	59.7	o
3	1	11	-5.0	30.0	71.8	<
4	1	11	86.8	36.8	56.8	<
6	1	11	276.1	386.8	92.7	<
-4	2	11	765.5	836.7	92.3	o
-2	2	11	618.2	463.0	89.9	o
0	2	11	74.4	38.9	57.4	<
1	2	11	77.2	65.7	43.3	<
2	2	11	1040.4	1013.4	85.0	o
3	2	11	220.1	245.4	58.0	o
4	2	11	395.0	457.7	98.7	o
-1	3	11	738.9	906.6	126.3	o
1	3	11	459.0	412.5	106.1	o
2	3	11	862.9	794.3	111.7	o
-1	-1	12	4384.6	4495.5	149.8	o
0	-1	12	186.2	1.5	102.8	<
2	-1	12	135.8	7.2	70.9	<
-2	0	12	6141.9	5942.2	182.9	o
1	0	12	95.4	16.0	47.5	<
3	0	12	77.0	0.9	82.3	<
-1	1	12	6918.7	5976.0	198.2	o
0	1	12	49.1	1.0	64.7	<
2	1	12	43.4	8.3	63.7	<
1	2	12	40.0	11.1	79.5	<
2	-7	1	93.2	252.3	57.7	<
4	-7	1	282.3	257.3	74.9	<
1	-6	1	26.0	28.1	29.5	<
3	-6	1	501.7	462.7	72.7	o
5	-6	1	534.3	858.2	62.3	o
7	-6	1	16.5	196.9	68.8	<
2	-5	1	899.8	857.1	59.2	o
6	-5	1	757.3	740.8	80.0	o

8	-5	1	946.2	522.8	93.9 o
7	-4	1	223.5	345.0	52.5 o
9	-4	1	164.4	137.0	65.7 <
11	-4	1	98.8	73.6	72.4 <
6	-3	1	1792.4	1443.4	92.3 o
10	-3	1	63.3	4.8	62.3 <
12	-3	1	89.1	37.2	76.0 <
9	-2	1	245.9	206.3	40.2 o
11	-2	1	199.0	88.7	85.7 <
8	-1	1	1526.7	1602.6	56.6 o
10	-1	1	75.3	18.2	30.9 <
12	-1	1	67.3	39.1	36.2 <
3	0	1	2401.8	2571.4	59.0 o
5	0	1	5092.0	5140.0	120.7 o
7	0	1	458.5	507.2	36.3 o
9	0	1	315.4	244.2	40.4 o
11	0	1	55.9	86.9	33.5 <
13	0	1	247.1	222.6	64.3 o
4	1	1	1108.3	1127.5	38.7 o
6	1	1	2020.0	2103.3	62.5 o
8	1	1	1678.3	1601.5	53.8 o
10	1	1	59.6	25.1	33.1 <
12	1	1	96.9	40.1	37.3 <
1	2	1	121.0	52.0	21.0 o
3	2	1	2449.9	2162.7	62.2 o
7	2	1	510.6	454.5	35.3 o
9	2	1	199.1	210.2	35.6 o
11	2	1	89.7	71.9	34.2 <
4	3	1	899.5	836.5	33.8 o
6	3	1	1496.2	1434.2	45.1 o
8	3	1	1355.7	1105.8	52.3 o
10	3	1	34.7	17.3	33.0 <
12	3	1	56.3	37.5	71.9 <
5	4	1	2499.7	2285.1	76.3 o
7	4	1	251.8	314.9	30.6 o
9	4	1	157.6	140.4	33.5 o
11	4	1	85.5	53.5	39.5 <
2	5	1	940.6	907.6	56.3 o
4	5	1	484.7	489.2	62.1 o
6	5	1	727.3	745.1	75.4 o
8	5	1	651.7	530.7	90.6 o
1	6	1	59.3	9.1	32.9 <
3	6	1	431.0	459.8	56.8 o
5	6	1	1100.6	902.5	95.8 o
7	6	1	173.6	173.8	70.9 <
2	7	1	157.0	275.4	45.0 <
4	7	1	219.1	226.9	56.0 o
0	-7	2	51.1	0.2	82.7 <
2	-7	2	-44.8	1.1	53.7 <
4	-7	2	67.8	0.8	64.4 <
1	-6	2	-5.8	1.8	36.8 <
5	-6	2	1.1	1.4	55.4 <
7	-6	2	-10.9	2.1	66.7 <
0	-5	2	15.7	0.4	35.6 <

4	-5	2	-19.8	2.0	39.1 <
6	-5	2	107.0	2.9	56.4 <
8	-5	2	116.6	3.7	58.5 <
3	-4	2	-17.0	0.0	40.7 <
5	-4	2	95.5	2.5	39.2 <
7	-4	2	7.9	3.8	45.7 <
9	-4	2	38.3	2.2	62.1 <
11	-4	2	24.9	4.3	79.7 <
6	-3	2	51.5	1.1	60.0 <
8	-3	2	50.3	1.8	42.3 <
10	-3	2	63.3	3.0	55.8 <
3	-2	2	44.7	0.9	18.4 <
5	-2	2	43.4	0.5	17.4 <
7	-2	2	50.9	2.4	27.5 <
9	-2	2	40.9	3.1	35.9 <
11	-2	2	151.0	1.5	76.5 <
2	-1	2	10.1	3.2	12.3 <
4	-1	2	34.1	4.1	17.0 <
6	-1	2	22.1	1.7	20.0 <
8	-1	2	38.6	2.6	23.4 <
10	-1	2	27.5	1.8	29.1 <
12	-1	2	61.6	2.3	37.9 <
5	0	2	33.7	0.3	19.2 <
7	0	2	46.8	0.1	26.4 <
9	0	2	37.8	1.2	27.7 <
11	0	2	37.7	0.2	35.0 <
13	0	2	-11.4	1.5	72.8 <
4	1	2	43.6	4.2	20.8 <
6	1	2	9.1	1.8	21.9 <
8	1	2	35.2	2.4	25.6 <
10	1	2	54.1	2.0	30.5 <
12	1	2	70.5	2.2	38.2 <
1	2	2	46.9	2.9	13.9 <
3	2	2	30.5	1.1	13.7 <
5	2	2	44.0	0.6	25.5 <
7	2	2	36.3	2.6	26.0 <
9	2	2	-14.0	3.0	27.7 <
11	2	2	46.1	1.3	39.6 <
0	3	2	58.8	1.0	25.4 <
2	3	2	32.5	4.4	13.8 <
4	3	2	36.7	2.0	23.2 <
6	3	2	10.1	0.9	19.6 <
8	3	2	17.7	1.6	27.8 <
10	3	2	70.7	3.5	39.0 <
5	4	2	11.6	2.6	27.7 <
7	4	2	41.9	4.1	26.4 <
9	4	2	52.4	2.1	29.0 <
11	4	2	21.1	3.9	40.2 <
0	5	2	16.4	0.8	35.8 <
2	5	2	31.5	1.8	27.0 <
4	5	2	43.8	1.7	42.1 <
6	5	2	21.5	2.9	55.9 <
8	5	2	25.5	3.2	61.6 <
1	6	2	-29.4	1.4	30.7 <

3	6	2	29.8	0.9	38.0 <
5	6	2	83.7	1.3	55.0 <
7	6	2	87.4	2.3	69.5 <
0	7	2	64.7	0.4	61.9 <
2	7	2	0.2	1.1	47.4 <
2	-7	3	50.6	81.5	93.4 <
4	-7	3	686.5	457.0	125.7 o
1	-6	3	311.1	271.6	52.7 o
3	-6	3	620.2	404.8	138.4 o
5	-6	3	85.6	299.7	86.2 <
7	-6	3	601.9	572.9	109.0 o
2	-5	3	240.9	144.8	48.0 o
4	-5	3	1736.9	1498.0	114.5 o
6	-5	3	670.5	680.2	108.6 o
8	-5	3	274.5	42.4	118.0 <
3	-4	3	1002.7	1061.7	74.2 o
5	-4	3	554.4	462.4	87.4 o
7	-4	3	2007.7	1458.2	122.8 o
9	-4	3	180.1	148.5	92.5 <
2	-3	3	90.2	154.9	26.4 <
6	-3	3	1691.0	1335.3	97.9 o
8	-3	3	61.9	39.9	71.2 <
10	-3	3	631.6	418.3	123.1 o
7	-2	3	2249.6	2520.2	70.0 o
9	-2	3	236.8	203.6	48.7 o
11	-2	3	324.5	238.9	62.5 o
2	-1	3	160.7	197.8	17.3 o
8	-1	3	59.1	26.0	29.3 <
10	-1	3	470.1	574.4	47.6 o
12	-1	3	111.5	20.0	48.4 <
1	0	3	1813.4	1769.1	52.4 o
3	0	3	2324.6	2438.8	58.7 o
9	0	3	251.2	205.5	38.4 o
11	0	3	260.2	331.4	48.3 o
2	1	3	213.3	144.2	22.5 o
4	1	3	4881.4	4878.5	116.6 o
6	1	3	1598.2	1892.5	54.4 o
8	1	3	51.8	33.3	23.0 <
10	1	3	539.4	564.3	45.6 o
12	1	3	32.7	18.9	47.0 <
1	2	3	1813.7	1833.5	48.3 o
3	2	3	1600.3	1602.2	44.9 o
5	2	3	581.2	623.1	36.4 o
7	2	3	2810.3	2567.9	79.3 o
9	2	3	183.0	189.5	34.7 o
11	2	3	227.8	266.2	42.5 o
2	3	3	139.4	82.5	20.3 o
6	3	3	1276.9	1340.2	44.4 o
8	3	3	26.1	18.9	26.3 <
10	3	3	384.4	403.4	42.7 o
3	4	3	1004.3	1036.6	49.8 o
5	4	3	330.0	369.3	32.5 o
7	4	3	1678.6	1513.7	63.5 o
9	4	3	157.7	135.3	39.2 o

2	5	3	170.1	70.2	48.0 <
4	5	3	1907.7	1611.5	82.7 o
6	5	3	728.0	653.8	83.2 o
8	5	3	107.4	30.9	66.7 <
1	6	3	447.1	297.3	46.9 o
3	6	3	310.3	405.3	60.2 o
5	6	3	336.5	230.8	75.5 o
7	6	3	1051.0	620.2	109.7 o
2	7	3	57.9	49.6	54.3 <
4	7	3	682.0	504.4	78.5 o
0	-7	4	19.2	5.0	84.8 <
2	-7	4	-83.5	0.4	92.8 <
1	-6	4	-27.9	1.6	51.1 <
3	-6	4	175.3	4.0	86.0 <
0	-5	4	21.8	6.9	51.9 <
2	-5	4	105.3	1.5	46.1 <
4	-5	4	-6.2	2.1	81.4 <
6	-5	4	36.8	4.0	81.1 <
8	-5	4	249.9	13.5	121.7 <
1	-4	4	178.4	3.6	63.6 <
3	-4	4	-11.9	3.8	47.1 <
5	-4	4	81.6	4.4	66.7 <
7	-4	4	183.5	6.8	82.9 <
2	-3	4	55.3	3.6	35.9 <
4	-3	4	24.9	7.0	32.0 <
6	-3	4	13.7	0.9	53.8 <
8	-3	4	49.6	3.6	81.1 <
10	-3	4	81.9	6.5	100.2 <
1	-2	4	19.5	9.6	17.7 <
3	-2	4	27.1	1.6	20.1 <
5	-2	4	25.8	0.8	24.6 <
7	-2	4	46.3	3.7	31.3 <
9	-2	4	99.8	1.3	57.0 <
11	-2	4	45.7	7.9	61.9 <
0	-1	4	21.9	3.6	26.6 <
2	-1	4	39.6	5.6	17.1 <
4	-1	4	51.9	2.6	20.6 <
6	-1	4	21.7	3.3	23.0 <
8	-1	4	33.1	9.3	30.0 <
10	-1	4	21.9	4.9	36.7 <
12	-1	4	25.2	2.1	54.4 <
3	0	4	45.8	1.1	21.4 <
5	0	4	28.1	2.1	23.8 <
7	0	4	-9.9	0.0	27.5 <
9	0	4	32.3	0.0	28.4 <
11	0	4	45.0	0.5	39.9 <
0	1	4	42.3	3.2	38.9 <
2	1	4	67.6	5.8	24.2 <
4	1	4	27.8	2.2	18.6 <
6	1	4	20.2	3.4	26.6 <
8	1	4	31.1	10.4	25.2 <
10	1	4	29.2	3.9	33.1 <
12	1	4	15.8	2.3	43.9 <
1	2	4	42.7	9.7	18.7 <

3	2	4	66.4	2.2	23.6 <
5	2	4	2.8	0.8	23.0 <
7	2	4	33.9	3.0	22.8 <
9	2	4	15.1	1.5	31.0 <
11	2	4	32.8	8.3	40.0 <
0	3	4	47.9	4.6	42.8 <
2	3	4	35.6	2.3	25.5 <
4	3	4	42.6	7.1	24.7 <
6	3	4	34.4	0.8	23.4 <
8	3	4	45.7	4.5	30.2 <
10	3	4	-17.0	5.4	37.3 <
3	4	4	-16.5	4.7	28.3 <
5	4	4	31.0	4.4	30.6 <
7	4	4	20.4	5.8	31.2 <
9	4	4	-10.3	0.5	39.0 <
0	5	4	-5.6	7.0	50.8 <
2	5	4	32.0	0.8	53.8 <
4	5	4	59.8	2.6	60.3 <
6	5	4	70.5	3.9	56.3 <
8	5	4	51.4	14.6	60.8 <
1	6	4	21.5	2.2	50.0 <
3	6	4	-40.9	3.6	76.0 <
5	6	4	202.2	2.0	110.8 <
0	7	4	-26.0	4.8	89.5 <
2	7	4	-23.3	0.2	91.9 <
3	-6	5	449.5	329.3	121.0 <
5	-6	5	756.6	875.5	110.9 o
2	-5	5	1596.0	1074.1	105.7 o
4	-5	5	169.4	246.8	70.7 <
6	-5	5	503.9	510.8	103.3 o
8	-5	5	1129.4	666.7	172.1 o
3	-4	5	447.4	618.5	56.5 o
7	-4	5	216.4	74.5	81.3 <
9	-4	5	84.3	86.3	97.6 <
2	-3	5	2422.3	2589.7	90.5 o
4	-3	5	121.7	217.4	41.3 <
6	-3	5	1197.1	927.6	85.6 o
10	-3	5	123.2	135.5	94.5 <
3	-2	5	1223.4	1434.1	47.5 o
7	-2	5	66.3	67.8	42.3 <
9	-2	5	154.1	135.6	62.5 <
11	-2	5	326.5	329.4	85.6 o
2	-1	5	4684.3	4165.8	114.1 o
4	-1	5	65.7	161.1	28.8 <
10	-1	5	180.3	249.9	42.5 o
1	0	5	559.6	486.2	40.4 o
7	0	5	62.2	23.0	26.1 <
9	0	5	130.3	176.5	33.9 o
11	0	5	301.5	388.8	46.5 o
2	1	5	4200.7	4214.9	105.5 o
4	1	5	123.9	42.5	31.0 o
6	1	5	1062.9	1312.8	49.6 o
8	1	5	1991.8	2083.0	67.7 o
10	1	5	170.6	261.9	39.7 o

1	2	5	752.4	633.3	38.9 o
3	2	5	1238.9	1430.8	45.7 o
5	2	5	4563.5	4293.8	120.1 o
7	2	5	53.9	16.1	30.2 <
9	2	5	141.4	149.5	37.8 <
11	2	5	325.0	300.3	56.0 o
2	3	5	2651.2	2667.2	87.4 o
4	3	5	211.8	91.1	33.2 o
6	3	5	759.2	906.2	41.1 o
8	3	5	1577.0	1504.1	58.6 o
10	3	5	225.6	154.7	45.2 o
3	4	5	506.2	642.5	47.7 o
5	4	5	3007.7	2509.3	105.1 o
7	4	5	134.0	20.9	56.0 <
9	4	5	82.0	97.3	41.7 <
2	5	5	1716.2	1160.0	114.5 o
4	5	5	285.1	112.9	90.1 <
6	5	5	501.4	533.9	103.2 o
8	5	5	883.6	675.3	128.6 o
1	6	5	223.1	43.4	56.1 o
3	6	5	296.4	323.0	67.5 o
5	6	5	1608.6	955.5	160.0 o
1	-6	6	16.0	12.2	53.1 <
3	-6	6	93.2	12.9	88.5 <
5	-6	6	183.8	2.7	103.1 <
0	-5	6	-1.1	15.8	58.0 <
2	-5	6	111.0	9.2	71.5 <
6	-5	6	-17.4	24.6	87.1 <
1	-4	6	69.0	19.6	47.3 <
3	-4	6	-9.1	13.3	50.8 <
5	-4	6	107.0	4.8	63.9 <
7	-4	6	104.8	10.3	80.0 <
9	-4	6	320.3	16.3	104.7 <
2	-3	6	45.2	26.9	49.1 <
4	-3	6	55.5	13.1	35.2 <
6	-3	6	5.0	27.4	37.7 <
8	-3	6	1.8	0.1	69.4 <
10	-3	6	5.3	5.9	103.8 <
1	-2	6	49.3	31.0	31.3 <
3	-2	6	85.7	35.2	27.2 <
5	-2	6	47.1	9.4	51.0 <
7	-2	6	16.3	9.1	37.3 <
9	-2	6	53.7	34.7	50.3 <
11	-2	6	91.9	4.3	71.8 <
0	-1	6	85.6	22.3	52.6 <
2	-1	6	67.3	31.9	26.3 <
4	-1	6	34.6	27.1	27.0 <
6	-1	6	53.2	35.1	36.6 <
8	-1	6	56.2	9.5	34.0 <
10	-1	6	69.1	5.6	43.6 <
1	0	6	6.9	21.1	29.9 <
3	0	6	35.5	27.1	25.8 <
5	0	6	-0.1	4.7	33.7 <
7	0	6	38.5	3.0	43.1 <

9	0	6	39.6	22.7	34.4 <
11	0	6	18.9	0.1	42.4 <
0	1	6	26.4	26.5	44.0 <
2	1	6	114.7	29.6	35.3 <
4	1	6	12.2	27.5	26.4 <
6	1	6	143.9	35.5	52.2 <
8	1	6	41.8	8.8	36.8 <
10	1	6	46.5	7.0	39.8 <
1	2	6	83.5	27.2	28.0 <
3	2	6	57.1	38.5	31.4 <
5	2	6	90.3	9.0	36.0 <
7	2	6	23.9	10.1	45.7 <
9	2	6	58.2	32.9	35.1 <
11	2	6	3.0	4.5	108.9 <
0	3	6	34.4	31.9	52.2 <
2	3	6	97.8	25.6	40.2 <
4	3	6	39.0	11.2	31.2 <
6	3	6	86.2	26.3	46.7 <
8	3	6	87.6	0.3	53.3 <
10	3	6	149.6	7.8	99.1 <
1	4	6	48.6	15.8	33.5 <
3	4	6	54.5	16.6	55.6 <
5	4	6	-18.9	4.5	64.2 <
7	4	6	100.2	11.8	81.8 <
9	4	6	242.0	14.5	115.5 <
0	5	6	2.9	22.0	52.0 <
2	5	6	50.2	7.6	40.7 <
4	5	6	91.2	9.1	77.2 <
6	5	6	196.9	24.4	93.5 <
1	6	6	35.3	9.0	51.0 <
3	6	6	87.3	16.2	66.9 <
5	6	6	35.9	2.2	95.5 <
1	-6	7	-7.9	101.8	79.0 <
3	-6	7	121.6	199.9	84.3 <
2	-5	7	140.1	99.0	70.0 <
4	-5	7	560.0	618.9	91.4 o
6	-5	7	92.4	345.7	92.9 <
5	-4	7	308.1	350.7	70.0 o
7	-4	7	997.6	569.8	130.7 o
2	-3	7	138.4	153.6	55.8 <
4	-3	7	1083.8	1233.7	80.5 o
6	-3	7	528.7	690.4	71.3 o
8	-3	7	94.8	71.7	90.2 <
1	-2	7	696.2	545.6	50.8 o
3	-2	7	650.7	672.3	48.4 o
5	-2	7	636.2	642.9	89.6 o
7	-2	7	605.9	867.4	80.1 o
9	-2	7	78.2	105.1	54.5 <
2	-1	7	162.8	217.9	32.6 o
4	-1	7	1633.7	1860.6	65.5 o
8	-1	7	28.3	103.9	48.3 <
10	-1	7	53.8	145.4	75.9 <
1	0	7	401.8	326.2	48.0 o
3	0	7	1045.1	1149.6	52.5 o

5	0	7	440.9	523.7	41.5 o
9	0	7	108.1	93.4	62.7 <
2	1	7	254.9	197.3	38.7 o
8	1	7	200.0	126.3	60.7 <
10	1	7	159.9	140.0	74.0 <
1	2	7	492.3	547.4	44.3 o
3	2	7	527.3	672.6	42.5 o
5	2	7	542.9	604.9	43.5 o
7	2	7	873.6	879.6	71.7 o
9	2	7	136.8	92.1	60.2 <
2	3	7	215.3	149.5	56.2 o
4	3	7	1145.3	1247.0	55.6 o
6	3	7	658.8	710.1	64.5 o
8	3	7	29.7	69.2	55.7 <
1	4	7	111.6	178.3	65.4 <
3	4	7	505.0	560.2	78.5 o
5	4	7	301.0	342.6	101.3 <
7	4	7	578.1	574.4	115.0 o
2	5	7	97.7	78.3	66.2 <
1	6	7	37.9	103.3	45.7 <
3	6	7	79.1	205.2	81.6 <
2	-3	8	10.7	0.0	56.8 <
4	-3	8	33.9	5.2	65.5 <
6	-3	8	71.8	8.1	69.9 <
1	-2	8	30.6	4.4	38.9 <
3	-2	8	23.4	23.6	42.5 <
5	-2	8	86.5	4.4	74.6 <
7	-2	8	14.9	2.4	72.7 <
9	-2	8	98.8	6.1	81.6 <
0	-1	8	71.2	19.7	54.5 <
2	-1	8	18.9	1.7	32.7 <
4	-1	8	93.2	3.0	39.2 <
6	-1	8	53.6	9.7	48.1 <
8	-1	8	21.2	17.1	45.9 <
1	0	8	19.6	4.8	31.2 <
3	0	8	110.7	16.8	39.7 <
5	0	8	44.8	1.1	40.4 <
7	0	8	20.0	0.3	45.4 <
9	0	8	-18.5	1.1	57.3 <
0	1	8	10.2	16.5	52.8 <
2	1	8	63.6	3.4	36.9 <
4	1	8	52.3	2.4	36.2 <
6	1	8	26.9	9.9	48.1 <
8	1	8	13.5	18.2	53.3 <
1	2	8	31.8	6.3	32.2 <
3	2	8	65.0	21.8	37.5 <
5	2	8	34.3	4.7	38.5 <
7	2	8	71.6	1.9	59.3 <
9	2	8	31.6	7.6	62.2 <
0	3	8	28.3	21.5	57.7 <
2	3	8	55.1	0.7	43.9 <
4	3	8	67.2	5.8	51.6 <
6	3	8	85.8	8.3	48.3 <
8	3	8	-11.8	3.0	53.6 <

1	4	8	53.3	6.8	48.9 <
3	4	8	33.3	6.9	68.3 <
5	4	8	96.7	2.2	79.5 <
7	4	8	43.0	1.5	83.9 <
2	-3	9	198.4	193.8	78.5 <
4	-3	9	609.8	545.6	84.4 o
6	-3	9	353.2	406.9	105.7 <
1	-2	9	102.1	52.2	37.8 <
3	-2	9	665.0	599.2	68.2 o
5	-2	9	448.4	464.9	87.6 o
7	-2	9	259.1	417.1	85.2 <
2	-1	9	302.6	238.8	49.6 o
4	-1	9	647.3	758.8	49.9 o
6	-1	9	515.6	518.6	68.7 o
8	-1	9	91.9	131.3	92.2 <
1	0	9	249.8	227.1	46.7 o
3	0	9	384.7	459.0	51.0 o
5	0	9	654.3	731.9	56.0 o
7	0	9	225.1	448.6	59.9 <
9	0	9	62.6	92.3	87.4 <
2	1	9	193.5	245.3	38.6 o
4	1	9	647.8	730.5	55.7 o
6	1	9	303.1	541.2	58.1 o
8	1	9	51.5	109.1	58.6 <
1	2	9	57.7	60.8	40.4 <
3	2	9	547.1	593.1	55.1 o
5	2	9	367.9	475.1	55.9 o
7	2	9	402.6	425.5	70.2 o
2	3	9	111.4	175.4	54.2 <
4	3	9	456.8	573.4	72.7 o
6	3	9	375.2	376.3	103.2 <
1	4	9	145.4	90.6	66.1 <
3	4	9	235.1	253.5	84.4 <
5	4	9	208.5	354.7	79.3 <
2	-3	10	79.4	22.4	82.3 <
4	-3	10	74.7	5.1	79.3 <
1	-2	10	47.3	25.1	52.0 <
3	-2	10	85.2	26.0	58.1 <
5	-2	10	73.7	10.4	83.8 <
0	-1	10	80.4	17.7	81.6 <
2	-1	10	65.2	28.0	41.2 <
4	-1	10	36.5	20.9	44.6 <
6	-1	10	96.3	26.1	52.9 <
1	0	10	69.4	20.0	46.2 <
3	0	10	21.2	22.8	41.2 <
5	0	10	93.2	5.6	47.9 <
7	0	10	65.8	0.8	65.9 <
0	1	10	79.0	22.7	50.8 <
2	1	10	30.7	25.3	44.2 <
4	1	10	19.6	21.3	46.0 <
6	1	10	49.4	26.4	59.5 <
1	2	10	40.8	21.6	34.7 <
3	2	10	42.6	30.2	57.0 <
5	2	10	64.5	9.8	49.4 <

0	3	10	64.3	27.8	75.4 <
2	3	10	-32.0	19.8	52.7 <
4	3	10	24.9	3.9	58.2 <
1	4	10	27.4	11.7	59.5 <
3	4	10	14.3	14.6	88.0 <
2	-3	11	661.1	544.9	113.9 o
1	-2	11	59.2	69.8	53.4 <
3	-2	11	277.0	178.4	71.3 o
2	-1	11	849.2	832.7	65.5 o
4	-1	11	98.1	27.8	56.3 <
1	0	11	184.6	186.7	49.4 <
3	0	11	350.5	363.0	59.0 o
5	0	11	841.0	1019.4	71.9 o
2	1	11	660.5	843.0	64.2 o
4	1	11	44.1	27.5	49.9 <
1	2	11	171.3	49.0	54.2 <
3	2	11	123.9	183.1	55.8 <
2	3	11	384.9	592.8	72.5 o
0	-1	12	36.3	1.1	65.0 <
2	-1	12	101.8	5.4	70.9 <
1	0	12	40.3	11.9	45.1 <
3	0	12	106.8	0.7	98.0 <
0	1	12	91.1	0.7	62.0 <
2	1	12	47.5	6.2	93.2 <
2	-7	1	4105.5	3958.3	141.3 o
5	-6	1	12138.3	13464.1	299.6 o
2	-5	1	14847.7	13447.4	337.1 o
8	-5	1	7336.3	8201.6	184.0 o
9	-4	1	2089.8	2149.2	100.0 o
11	-4	1	1569.7	1154.2	110.9 o
2	-3	1	36018.1	35427.0	796.6 o
8	-3	1	17742.9	17167.1	412.0 o
10	-3	1	150.1	75.5	55.1 <
12	-3	1	383.0	583.4	74.3 o
3	-2	1	31754.1	33991.7	702.5 o
9	-2	1	3316.4	3236.0	109.5 o
11	-2	1	1344.9	1390.9	89.2 o
2	-1	1	58650.1	59468.0	1293.8 o
8	-1	1	23800.0	25143.7	539.6 o
10	-1	1	280.7	285.1	54.8 o
12	-1	1	894.0	614.1	94.6 o
9	0	1	3661.9	3830.7	115.2 o
11	0	1	1402.1	1364.1	90.7 o
8	1	1	22467.7	25126.8	502.5 o
10	1	1	253.6	393.9	49.9 o
12	1	1	708.1	629.9	91.4 o
9	2	1	2980.3	3298.5	82.1 o
11	2	1	1202.9	1127.8	72.5 o
6	3	1	23828.1	22501.1	535.3 o
8	3	1	17714.5	17348.9	397.5 o
10	3	1	168.6	271.0	32.3 o
12	3	1	429.9	588.7	63.5 o
9	4	1	2071.8	2202.2	67.4 o
4	5	1	7765.8	7675.0	186.1 o

6	5	1	10328.5	11689.3	242.9 o
3	6	1	7825.4	7214.7	190.9 o
5	6	1	14128.7	14160.4	327.9 o
4	7	1	3619.1	3560.0	121.3 o
0	-7	2	56.5	2.6	56.9 <
2	-7	2	108.5	17.0	62.2 <
1	-6	2	22.2	28.7	32.5 <
3	-6	2	12.3	9.2	54.4 <
5	-6	2	115.7	21.4	58.1 <
7	-6	2	54.7	32.3	53.9 <
0	-5	2	7.3	7.0	35.0 <
2	-5	2	33.3	25.3	25.8 <
4	-5	2	50.4	32.2	46.0 <
6	-5	2	84.4	45.0	44.7 <
8	-5	2	52.3	57.3	39.0 <
1	-4	2	51.3	30.9	23.8 <
3	-4	2	35.3	0.5	23.4 <
5	-4	2	21.1	39.7	40.9 <
7	-4	2	50.0	59.8	30.7 <
9	-4	2	22.0	34.6	49.1 <
11	-4	2	54.8	68.2	63.2 <
0	-3	2	25.6	10.6	22.3 <
2	-3	2	35.2	63.6	17.9 <
4	-3	2	38.6	36.6	22.9 <
6	-3	2	18.3	16.7	30.1 <
8	-3	2	25.8	28.3	38.7 <
10	-3	2	29.6	46.8	55.1 <
1	-2	2	48.0	54.6	12.6 o
3	-2	2	34.6	13.9	13.4 <
5	-2	2	23.2	8.5	22.0 <
7	-2	2	8.8	37.6	26.4 <
9	-2	2	-1.5	48.7	39.3 <
11	-2	2	27.8	23.5	68.3 <
2	-1	2	59.8	50.7	14.1 o
4	-1	2	54.3	63.9	13.9 o
6	-1	2	27.0	26.4	20.3 <
8	-1	2	10.7	40.7	31.0 <
10	-1	2	28.0	27.9	43.4 <
12	-1	2	85.4	36.3	61.1 <
3	0	2	39.3	4.5	17.2 <
5	0	2	19.1	4.2	17.1 <
7	0	2	14.6	2.2	32.7 <
9	0	2	29.6	19.2	37.4 <
11	0	2	92.1	3.5	58.8 <
13	0	2	106.1	24.0	70.1 <
2	1	2	22.8	45.9	20.3 <
4	1	2	29.3	66.3	29.7 <
6	1	2	28.7	28.5	34.2 <
8	1	2	21.3	36.9	72.7 <
10	1	2	-9.3	32.0	49.9 <
12	1	2	34.6	34.6	73.8 <
1	2	2	32.4	45.9	25.1 <
3	2	2	15.6	16.9	31.7 <
5	2	2	19.4	9.3	33.9 <

7	2	2	10.7	40.2	23.6 <
9	2	2	59.8	47.0	28.9 <
11	2	2	16.5	20.3	47.1 <
0	3	2	51.0	16.5	28.6 <
2	3	2	0.6	68.9	20.9 <
4	3	2	30.6	30.9	38.2 <
6	3	2	52.4	14.6	27.2 <
8	3	2	32.0	24.7	27.6 <
10	3	2	57.3	54.2	36.4 <
1	4	2	11.3	25.2	34.8 <
3	4	2	10.8	1.6	40.5 <
5	4	2	42.6	41.1	23.8 <
7	4	2	90.4	64.6	30.8 <
9	4	2	13.8	33.6	32.3 <
11	4	2	-3.1	61.6	59.0 <
0	5	2	49.0	12.9	41.6 <
2	5	2	34.1	28.1	25.7 <
4	5	2	106.4	27.3	32.5 <
6	5	2	-0.4	45.6	41.6 <
8	5	2	95.4	50.9	34.8 <
1	6	2	53.2	22.7	35.1 <
5	6	2	60.6	21.1	39.4 <
7	6	2	104.8	36.6	47.9 <
0	7	2	55.5	6.7	67.0 <
2	7	2	67.9	17.8	53.6 <
4	7	2	109.9	9.0	51.4 <
2	-7	3	1652.5	1278.7	99.9 o
4	-5	3	21564.4	23503.2	500.5 o
8	-5	3	422.5	664.6	89.5 o
1	-4	3	13011.2	11445.3	295.1 o
7	-4	3	23508.5	22878.2	537.8 o
9	-4	3	2218.3	2329.4	142.9 o
8	-3	3	626.2	626.5	85.3 o
10	-3	3	7560.3	6562.7	242.4 o
3	-2	3	23127.4	25199.0	512.7 o
7	-2	3	37388.6	39539.9	836.1 o
9	-2	3	3003.9	3194.4	104.2 o
11	-2	3	3689.6	3748.7	128.6 o
2	-1	3	3060.8	3102.7	71.7 o
4	-1	3	70871.0	75489.8	1562.0 o
8	-1	3	495.8	408.6	64.7 o
10	-1	3	8587.0	9011.9	221.8 o
12	-1	3	698.0	314.3	88.7 o
5	0	3	9369.9	10015.2	216.4 o
7	0	3	50267.0	49474.9	1128.7 o
9	0	3	3393.8	3224.3	109.5 o
11	0	3	5042.4	5198.9	159.1 o
4	1	3	69480.5	76540.9	1545.1 o
8	1	3	633.3	522.4	40.9 o
10	1	3	8122.4	8853.6	200.8 o
12	1	3	405.3	297.2	82.6 o
1	2	3	30094.7	28767.0	667.5 o
7	2	3	37820.8	40288.1	848.1 o
9	2	3	2913.8	2972.6	86.0 o

11	2	3	3523.0	4177.1	118.5 o
2	3	3	1187.8	1295.0	64.8 o
6	3	3	22537.7	21026.3	508.0 o
10	3	3	6913.4	6329.4	169.3 o
5	4	3	5662.0	5794.5	144.8 o
9	4	3	2357.4	2122.2	83.9 o
6	5	3	9984.5	10257.5	243.5 o
8	5	3	570.2	485.3	74.4 o
3	6	3	7372.3	6359.4	192.9 o
5	6	3	3908.3	3620.4	118.4 o
0	-7	4	27.8	78.3	54.8 <
2	-7	4	-72.0	6.4	77.6 <
1	-6	4	124.6	24.5	38.7 <
3	-6	4	79.1	62.3	54.8 <
5	-6	4	64.8	28.8	53.5 <
0	-5	4	70.6	108.7	49.8 <
2	-5	4	64.2	24.3	29.6 <
4	-5	4	49.9	33.3	47.5 <
6	-5	4	60.0	62.8	50.5 <
8	-5	4	137.0	211.2	60.0 <
1	-4	4	30.3	57.2	25.1 <
3	-4	4	29.2	59.0	38.1 <
5	-4	4	32.8	68.4	37.7 <
7	-4	4	23.0	106.5	41.4 <
9	-4	4	-64.5	6.2	86.9 <
0	-3	4	53.9	55.4	30.1 <
2	-3	4	64.8	56.7	23.7 <
4	-3	4	55.8	109.3	35.3 <
6	-3	4	31.5	13.6	35.3 <
8	-3	4	7.5	56.9	32.6 <
10	-3	4	23.7	101.8	82.0 <
1	-2	4	112.4	150.4	18.3 o
3	-2	4	35.5	24.9	16.7 <
5	-2	4	21.2	13.3	22.3 <
7	-2	4	40.5	57.7	32.9 <
9	-2	4	64.5	20.7	69.4 <
0	-1	4	98.9	57.2	26.2 <
2	-1	4	98.0	87.2	17.2 o
4	-1	4	42.8	41.1	20.1 <
6	-1	4	40.3	51.0	26.5 <
8	-1	4	-7.3	145.6	47.3 <
10	-1	4	16.6	76.6	71.4 <
12	-1	4	76.1	33.3	106.4 <
1	0	4	488.2	357.6	33.7 o
3	0	4	20.3	17.7	22.0 <
5	0	4	39.3	33.3	23.5 <
7	0	4	67.9	0.1	47.9 <
9	0	4	-11.8	0.1	37.1 <
11	0	4	18.5	8.3	52.1 <
0	1	4	95.2	49.7	31.8 <
2	1	4	125.2	90.6	24.9 o
4	1	4	50.7	34.5	26.8 <
6	1	4	74.1	54.0	57.4 <
8	1	4	43.9	162.7	28.5 <

10	1	4	90.1	60.5	41.1 <
12	1	4	78.8	36.3	61.7 <
1	2	4	209.8	152.2	32.0 o
3	2	4	34.4	34.5	34.9 <
5	2	4	18.8	12.9	47.7 <
7	2	4	-4.9	47.8	22.8 <
9	2	4	33.4	24.2	30.1 <
11	2	4	64.7	130.4	48.9 <
0	3	4	138.0	72.6	43.1 <
2	3	4	13.0	36.1	38.7 <
4	3	4	-27.0	111.9	42.2 <
6	3	4	37.8	13.0	24.2 <
8	3	4	10.4	70.2	34.9 <
10	3	4	-12.1	84.4	39.3 <
1	4	4	17.1	58.5	33.6 <
3	4	4	41.9	73.0	29.8 <
5	4	4	-8.7	68.9	32.7 <
7	4	4	115.5	91.5	38.3 <
9	4	4	57.3	8.0	42.7 <
0	5	4	16.9	109.9	58.6 <
2	5	4	55.5	13.0	39.2 <
4	5	4	39.3	41.2	44.4 <
6	5	4	-34.6	61.3	45.6 <
8	5	4	153.9	229.4	68.6 <
1	6	4	72.1	34.1	60.1 <
3	6	4	225.0	55.7	74.3 <
5	6	4	14.0	31.0	55.5 <
0	7	4	14.6	76.0	114.3 <
2	7	4	134.6	2.4	74.8 <
5	-6	5	13526.6	13736.7	334.8 o
2	-5	5	18999.2	16851.8	444.2 o
4	-5	5	3377.7	3872.0	113.6 o
5	-4	5	34000.5	37854.3	768.2 o
7	-4	5	1091.7	1168.5	71.2 o
9	-4	5	1186.2	1353.8	127.7 o
2	-3	5	43154.6	40631.4	955.8 o
8	-3	5	24656.1	23265.1	566.2 o
10	-3	5	2887.6	2126.2	164.0 o
3	-2	5	20579.4	22499.5	460.8 o
5	-2	5	67709.8	65779.9	1501.9 o
9	-2	5	2412.1	2128.2	126.7 o
11	-2	5	4761.6	5168.8	197.2 o
6	-1	5	20268.3	20120.9	460.3 o
8	-1	5	34140.6	32884.1	787.8 o
10	-1	5	4168.6	3921.3	181.0 o
5	0	5	88821.8	87849.0	1964.6 o
7	0	5	494.0	360.7	67.7 o
9	0	5	2940.2	2769.1	135.8 o
11	0	5	6739.1	6099.8	237.5 o
6	1	5	21213.6	20596.2	504.2 o
8	1	5	33519.6	32680.2	755.5 o
10	1	5	4114.5	4109.8	132.5 o
5	2	5	64383.5	67367.1	1447.3 o
9	2	5	2304.6	2345.4	85.6 o

11	2	5	5060.0	4711.5	161.3 o
2	3	5	38960.4	41846.8	882.3 o
4	3	5	1884.2	1429.6	100.5 o
10	3	5	2645.1	2427.7	90.2 o
3	4	5	10901.0	10079.8	254.9 o
9	4	5	1472.6	1527.1	79.6 o
6	5	5	8602.8	8375.9	216.6 o
1	-6	6	116.5	191.6	50.0 <
3	-6	6	165.8	202.8	71.0 <
0	-5	6	143.0	247.4	66.6 <
2	-5	6	79.2	144.8	49.8 <
4	-5	6	56.8	169.3	48.9 <
6	-5	6	150.8	385.4	56.9 <
1	-4	6	236.0	307.3	45.3 o
3	-4	6	260.9	209.0	60.1 o
5	-4	6	2.9	75.7	44.8 <
7	-4	6	140.6	161.5	60.7 <
9	-4	6	31.2	256.4	81.4 <
0	-3	6	401.5	395.3	48.5 o
2	-3	6	258.2	421.3	34.2 o
4	-3	6	170.7	206.1	40.5 o
6	-3	6	232.2	429.4	48.7 o
8	-3	6	-0.1	1.1	48.9 <
10	-3	6	37.9	92.7	90.5 <
1	-2	6	359.7	486.9	30.1 o
3	-2	6	574.1	551.8	34.5 o
5	-2	6	110.1	147.7	41.5 <
7	-2	6	73.3	143.3	43.5 <
9	-2	6	350.2	543.8	90.0 o
11	-2	6	-91.9	68.0	86.5 <
0	-1	6	352.0	349.8	43.6 o
2	-1	6	431.0	500.8	29.6 o
4	-1	6	327.9	425.7	27.4 o
6	-1	6	386.6	551.2	47.2 o
8	-1	6	1.1	149.3	41.2 <
10	-1	6	44.9	87.9	72.1 <
1	0	6	439.7	331.5	39.1 o
5	0	6	74.4	73.9	35.2 <
7	0	6	123.2	47.7	64.4 <
9	0	6	419.7	356.3	52.8 o
11	0	6	162.7	1.9	85.5 <
0	1	6	546.2	415.5	55.9 o
2	1	6	599.4	465.0	44.3 o
4	1	6	386.4	431.6	35.8 o
6	1	6	383.7	557.6	49.1 o
8	1	6	70.3	138.3	71.6 <
10	1	6	31.8	109.1	77.8 <
1	2	6	539.8	427.4	46.4 o
3	2	6	343.7	603.5	50.5 o
5	2	6	247.2	140.9	89.0 <
7	2	6	55.6	158.2	40.2 <
9	2	6	522.5	515.5	96.2 o
11	2	6	296.6	71.3	123.3 <
0	3	6	391.7	500.2	57.6 o

2	3	6	224.1	401.3	46.8 o
4	3	6	169.8	175.5	43.0 o
6	3	6	378.8	412.8	58.8 o
8	3	6	98.9	4.3	54.3 <
10	3	6	145.4	122.0	73.1 <
1	4	6	292.2	248.3	35.6 o
3	4	6	306.1	259.8	39.5 o
5	4	6	61.3	70.7	59.1 <
7	4	6	128.4	184.4	58.1 <
9	4	6	152.2	227.4	86.4 <
0	5	6	344.8	344.5	71.2 o
2	5	6	231.9	119.7	63.3 <
4	5	6	208.8	143.1	55.2 <
6	5	6	187.9	382.4	49.3 o
1	6	6	193.5	141.2	68.0 <
3	6	6	374.4	254.7	80.8 o
5	6	6	117.3	34.9	56.2 <
1	-6	7	1504.6	1596.8	112.9 o
2	-5	7	1173.6	1552.5	102.5 o
4	-3	7	18688.9	19355.8	433.1 o
1	-2	7	9326.7	8559.7	217.1 o
3	-2	7	10636.8	10547.9	245.9 o
5	-2	7	10618.5	10086.2	258.0 o
7	-2	7	12656.8	13608.2	328.2 o
2	-1	7	3606.0	3419.4	94.5 o
6	-1	7	14941.8	15429.7	350.7 o
7	0	7	19600.9	17584.7	477.3 o
9	0	7	1859.6	1465.2	122.1 o
4	1	7	30542.3	30042.5	710.1 o
6	1	7	15268.7	14928.0	357.9 o
8	1	7	2353.2	1980.9	131.0 o
10	1	7	2333.0	2195.9	149.3 o
3	2	7	9644.5	10553.2	254.3 o
5	2	7	9859.6	9491.0	270.7 o
7	2	7	14271.7	13800.6	373.0 o
9	2	7	1287.3	1445.6	115.6 o
2	3	7	2025.5	2346.1	89.9 o
6	3	7	10588.8	11140.7	301.3 o
8	3	7	1171.5	1085.9	85.0 o
5	4	7	4807.5	5375.6	140.7 o
7	4	7	9874.3	9011.5	254.6 o
4	5	7	10759.0	10413.7	270.2 o
6	5	7	5042.1	5013.7	162.7 o
3	6	7	3301.0	3219.2	138.3 o
0	-5	8	95.9	223.4	73.1 <
2	-5	8	-37.2	46.8	72.3 <
4	-5	8	-71.8	17.2	90.6 <
1	-4	8	66.2	81.3	40.0 <
3	-4	8	46.3	126.4	79.9 <
5	-4	8	39.0	28.3	70.7 <
7	-4	8	75.3	35.0	91.8 <
0	-3	8	315.5	390.3	58.3 o
2	-3	8	46.8	0.4	30.6 <
4	-3	8	46.5	82.2	43.0 <

6	-3	8	21.9	127.7	64.3	<
8	-3	8	32.0	64.2	69.8	<
1	-2	8	44.8	69.5	32.5	<
3	-2	8	323.2	369.5	36.3	o
5	-2	8	103.0	69.0	48.5	<
7	-2	8	95.5	38.0	81.1	<
0	-1	8	297.5	308.8	53.4	o
2	-1	8	46.1	26.3	27.8	<
4	-1	8	46.8	47.6	35.0	<
6	-1	8	84.6	152.7	47.6	<
1	0	8	89.3	74.6	45.8	<
3	0	8	264.8	263.0	36.4	o
5	0	8	46.2	17.3	35.4	<
7	0	8	82.5	4.1	75.2	<
9	0	8	91.5	18.0	71.5	<
0	1	8	236.0	259.2	73.7	<
2	1	8	131.4	52.7	45.7	<
4	1	8	51.6	38.2	58.9	<
6	1	8	70.6	155.0	52.5	<
8	1	8	111.3	286.1	79.9	<
10	1	8	95.6	36.3	98.1	<
1	2	8	97.4	99.1	40.5	<
3	2	8	334.3	341.7	83.9	o
5	2	8	-24.5	74.5	64.5	<
7	2	8	50.2	29.8	76.8	<
9	2	8	15.0	118.5	83.9	<
0	3	8	485.2	336.6	65.1	o
2	3	8	54.5	10.3	63.4	<
4	3	8	8.2	90.7	65.3	<
6	3	8	26.4	130.8	68.9	<
8	3	8	22.5	47.8	79.3	<
3	4	8	59.5	107.5	65.5	<
5	4	8	-59.2	34.1	80.5	<
4	5	8	-45.0	27.5	71.4	<
1	-4	9	1443.6	1451.5	70.2	o
2	-3	9	2856.9	3040.7	87.4	o
4	-3	9	8717.1	8560.1	226.1	o
6	-3	9	5687.8	6384.6	197.3	o
1	-2	9	741.6	818.3	47.3	o
3	-2	9	10376.7	9400.9	244.4	o
5	-2	9	7360.5	7294.2	198.2	o
7	-2	9	6344.6	6544.8	209.8	o
5	0	9	12600.0	11483.4	306.3	o
7	0	9	7835.6	7038.2	249.8	o
9	0	9	1354.7	1447.4	148.7	o
4	1	9	12938.1	11461.3	339.7	o
6	1	9	9809.8	8491.5	249.1	o
8	1	9	2347.0	1712.2	150.8	o
1	2	9	1049.9	953.9	64.9	o
3	2	9	10877.4	9305.8	303.5	o
5	2	9	7386.6	7453.4	237.8	o
7	2	9	7154.8	6675.5	242.9	o
2	3	9	3297.0	2752.2	148.0	o
4	3	9	8216.8	8996.1	243.7	o

6	3	9	6076.9	5904.5	222.1 o
5	4	9	4962.9	5565.0	199.0 o
1	-4	10	147.5	240.5	50.1 <
3	-4	10	161.1	163.9	89.5 <
0	-3	10	279.4	305.6	64.5 o
2	-3	10	210.7	350.7	44.6 o
4	-3	10	138.5	80.1	64.0 <
1	-2	10	311.7	394.3	46.0 o
3	-2	10	429.3	407.2	57.2 o
5	-2	10	138.9	163.5	61.0 <
0	-1	10	205.1	277.0	51.2 o
2	-1	10	341.0	438.9	43.3 o
4	-1	10	275.6	327.3	52.3 o
6	-1	10	338.5	410.0	72.3 o
1	0	10	356.1	313.2	52.5 o
3	0	10	377.4	358.2	54.1 o
5	0	10	73.1	88.0	57.3 <
7	0	10	137.3	13.0	96.5 <
0	1	10	444.7	355.6	107.0 o
2	1	10	459.8	396.8	63.7 o
4	1	10	172.4	334.6	59.4 <
6	1	10	365.0	414.5	69.9 o
1	2	10	357.3	338.3	56.5 o
3	2	10	675.3	473.0	112.5 o
5	2	10	176.2	153.7	93.3 <
2	3	10	540.2	310.3	95.9 o
4	3	10	104.7	60.8	84.2 <
3	4	10	316.4	228.4	122.7 <
1	-2	11	860.0	1095.5	58.2 o
3	-2	11	3394.3	2798.7	116.6 o
2	-1	11	14496.6	13065.2	336.7 o
4	-1	11	841.6	436.5	71.7 o
1	0	11	2893.7	2929.0	92.7 o
5	0	11	17780.9	15993.5	428.9 o
4	1	11	623.7	430.9	69.4 o
1	2	11	974.8	769.2	118.9 o
3	2	11	2838.0	2873.3	141.8 o
0	-1	12	35.0	17.1	63.5 <
2	-1	12	81.7	84.0	65.1 <
1	0	12	253.3	187.4	49.7 o
3	0	12	21.5	10.2	61.0 <
0	1	12	193.3	11.6	99.4 <
2	1	12	139.3	97.0	66.0 <
1	2	12	227.1	130.3	88.1 <