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adm=USA
sat_name=Galaxy BSS-4
long_nom=-122.90
n_diag=1
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beam_id=CMR
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=30
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P3=-158.0060;15.6590
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P5=-157.1730;15.7540
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P7=-156.4420;15.9150
P8=-156.1000;15.9930
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P10=-155.4040;16.2070
P11=-155.0630;16.3060
P12=-154.9550;16.3890
P13=-154.5040;16.4840
P14=-154.2070;16.6150
P15=-154.0520;16.6650
P16=-153.6110;16.9440
P17=-153.4220;17.0590
P18=-153.1070;17.2540
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P20=-153.0270;17.3510
P21=-152.6620;17.7700
P22=-152.2200;18.0440
P23=-152.0660;18.0930
P24=-151.7650;18.2270
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P27=-151.1400;18.9270
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P29=-150.7330;19.3850
P30=-150.4630;19.5820
P31=-150.1590;19.7180
P32=-149.7550;20.0030
P33=-149.6640;20.1090
P34=-149.5790;20.2750
P35=-149.3820;20.6600
P36=-149.2990;20.9120
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P39=-148.5760;21.5820
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P41=-147.8190;21.6270
P42=-147.5120;21.0280
P43=-147.4590;20.8730
P44=-147.2260;20.5490
P45=-147.0940;20.3470
P46=-146.7620;19.9430
P47=-146.5830;19.7850
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P95=-148.8590;26.9610
P96=-149.2780;27.0610
P97=-149.7980;27.2060
P98=-150.5440;27.6580
P99=-150.5730;27.6750
P100=-150.5950;27.6890
P101=-150.6250;27.6890
P102=-151.7290;27.7060
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P104=-151.7430;27.7050
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P106=-151.7460;27.6860
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P108=-151.7800;26.7050
P109=-151.7090;26.3110
P110=-151.5620;26.0510
P111=-151.5770;25.7150
P112=-151.9910;25.5910
P113=-152.1500;25.5910
P114=-152.3210;25.5920
P115=-152.9330;25.4860
P116=-153.2540;25.4910
P117=-153.6950;25.3780
P118=-153.8150;25.3340
P119=-154.3240;25.2460
P120=-154.6370;25.1360
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P123=-155.4750;24.9440
P124=-155.6930;24.8790
P125=-156.2320;24.6950
P126=-156.4710;24.6620
P127=-156.8530;24.5890
P128=-157.1080;24.5170
P129=-157.5990;24.4510
P130=-158.0540;24.3770
P131=-158.3400;24.3600
P132=-158.7740;24.3060
P133=-159.0540;24.2620
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P135=-159.9910;24.2030
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P138=-161.2860;24.2120
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P140=-162.5470;24.2140
P141=-162.6150;24.2180
P142=-162.6900;24.2240
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P144=-163.6800;24.0570
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P146=-164.3040;23.9000
P147=-164.5690;23.8240
P148=-165.1080;23.6770
P149=-165.4450;23.5780
P150=-165.9640;23.3350

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P152=-166.7000;22.8030
P153=-167.2160;22.4200
P154=-167.2730;22.3820
P155=-167.3220;22.3580
P156=-167.5170;22.2780
P157=-168.0500;22.0610
P158=-168.5570;21.8560
P159=-168.8880;21.7650
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P161=-169.4170;21.3090
P162=-169.3080;20.6910
P163=-169.3050;20.5890
P164=-169.2460;20.5060
P165=-168.6910;19.8360
P166=-168.5500;19.6160
P167=-168.5210;19.4200
P168=-168.4110;18.7380
P169=-168.4020;18.6740
P170=-168.3550;18.6100
P171=-167.8250;17.9340
P172=-167.6790;17.7220
P173=-167.0160;17.3490
P174=-166.3030;16.9070
P175=-166.1570;16.8370
P176=-165.9930;16.7530
P177=-165.1420;16.4860
P178=-164.7590;16.4210
P179=-164.1900;16.3360
P180=-163.9690;16.3030
P181=-163.3700;16.2130
P182=-162.8090;16.1410
P183=-162.4900;16.0720
P184=-162.0250;15.9990
P185=-161.7200;15.9470
P186=-160.8680;15.7200
P187=-160.7380;15.6840
P188=-160.6910;15.6760
P189=-160.6430;15.6790
P190=-159.5930;15.5930
P191=-159.4630;15.5980
P192=-159.3650;15.6110
P193=-158.3300;15.6400
P194=-158.2980;15.6440
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gain=-4.00
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P3=-79.8060;22.7180
P4=-78.9110;22.9510
P5=-78.0830;23.3730
P6=-76.9190;23.8270
P7=-75.8960;24.4640
P8=-75.2090;24.9000
P9=-74.9390;25.2220
P10=-74.6420;25.6310

P11=-74.3750;25.9440
P12=-74.2930;26.3320
P13=-74.2760;26.5080
P14=-74.1240;26.9680
P15=-74.2480;27.2290
P16=-74.3130;27.7500
P17=-74.4510;27.8460
P18=-74.5060;27.9670
P19=-75.1750;28.2230
P20=-75.4670;28.4850
P21=-75.8950;28.5990
P22=-76.2880;28.8900
P23=-76.5930;28.9800
P24=-76.7000;29.0690
P25=-77.1360;29.1550
P26=-77.6280;29.1940
P27=-78.0860;29.3870
P28=-78.6350;29.4120
P29=-79.3800;29.7080
P30=-79.4250;29.7150
P31=-79.4520;29.7180
P32=-79.4630;29.7360
P33=-80.0920;30.1090
P34=-80.3420;30.6330
P35=-80.4190;30.6620
P36=-80.5160;30.7230
P37=-81.4600;30.8400
P38=-81.6890;30.8660
P39=-81.9670;30.8050
P40=-82.8090;30.5830
P41=-83.1910;30.3810
P42=-83.5240;30.2260
P43=-84.1610;29.7190
P44=-84.5110;29.4410
P45=-84.6490;29.0740
P46=-84.7270;28.6480
P47=-84.8050;28.3980
P48=-84.7610;28.2750
P49=-84.6790;28.1110
P50=-84.3140;27.8010
P51=-84.1720;27.4180
P52=-84.1600;27.1590
P53=-84.3750;26.6280
P54=-84.4090;26.4040
P55=-84.3800;26.2990
P56=-84.3380;26.0890
P57=-84.2860;25.6230
P58=-84.3000;25.4210
P59=-84.0790;25.0140
P60=-84.0100;24.7230
P61=-83.9250;24.4610
P62=-83.8940;24.3920
P63=-83.8560;24.2640
P64=-83.6200;23.8220
P65=-83.5400;23.5100
P66=-83.3050;23.2760
P67=-83.0610;23.0590

P68=-82.6770;22.9100
P69=-81.9760;22.6200
P70=-81.9290;22.6090
P71=-81.9120;22.6050
P72=-81.8810;22.6020
P73=-80.6830;22.5780
P74=-80.5430;22.5630
[C3]
gain=-2.00
n_point=59
P1=-104.1770;37.0640
P2=-104.0900;37.1050
P3=-103.9230;37.1870
P4=-103.3000;37.6900
P5=-102.7020;38.0610
P6=-102.4530;38.2370
P7=-102.1130;38.4440
P8=-101.7470;39.0420
P9=-101.7180;39.0930
P10=-101.3570;39.6880
P11=-101.5680;40.1020
P12=-101.6070;40.7900
P13=-101.6270;40.9170
P14=-101.6430;40.9470
P15=-101.6480;41.0130
P16=-101.8490;41.1700
P17=-102.2700;41.3800
P18=-102.3810;42.0140
P19=-102.4270;42.1550
P20=-102.4360;42.1780
P21=-102.4310;42.2510
P22=-102.6050;42.3720
P23=-103.5650;42.2370
P24=-102.9980;43.0100
P25=-102.9680;43.4440
P26=-103.1690;43.4970
P27=-103.2210;43.5190
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P30=-104.5420;43.4080
P31=-104.5710;43.3930
P32=-104.6220;43.3650
P33=-104.6530;43.2900
P34=-104.9020;42.3640
P35=-104.7690;42.2310
P36=-104.3820;42.0630
P37=-104.9200;41.8960
P38=-105.0500;41.9160
P39=-105.6400;41.0670
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P41=-106.6150;40.6660
P42=-106.6450;40.6620
P43=-107.3200;39.9240
P44=-107.9320;39.4120
P45=-107.9560;39.1380
P46=-108.0280;38.5490
P47=-108.0480;38.2070

P48=-107.6580;37.9190
P49=-107.4030;37.7830
P50=-106.9130;37.6190
P51=-106.7770;37.5360
P52=-106.3820;37.3410
P53=-106.1970;37.3000
P54=-105.8880;37.1110
P55=-105.4850;36.9800
P56=-105.3550;36.9350
P57=-105.1690;36.9530
P58=-104.3000;37.0510
P59=-104.1770;37.0640

[C4]

gain=-20.00

n_point=69

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P2=-45.8740;47.7190
P3=-45.9260;47.9240
P4=-46.0010;48.2140
P5=-46.0420;48.3720
P6=-46.0950;48.5720
P7=-46.1740;48.8660
P8=-46.2010;48.9660
P9=-46.3140;49.3780
P10=-46.3710;49.5820
P11=-46.3960;49.6710
P12=-46.5530;50.2170
P13=-46.6580;50.5750
P14=-46.7320;50.8220
P15=-46.7780;50.9720
P16=-46.9320;51.4710
P17=-47.0960;51.9850
P18=-47.1230;52.0680
P19=-47.1550;52.1670
P20=-47.2970;52.5950
P21=-47.3360;52.7110
P22=-47.3690;52.8080
P23=-47.5060;53.2080
P24=-47.5330;53.2840
P25=-47.6720;53.6770
P26=-47.7340;53.8490
P27=-47.7660;53.9380
P28=-47.9160;54.3440
P29=-47.9450;54.4210
P30=-48.0970;54.8220
P31=-48.1390;54.9300
P32=-48.3300;55.4140
P33=-48.3690;55.5120
P34=-48.3920;55.5700
P35=-48.4080;55.6100
P36=-48.3960;55.5790
P37=-48.3550;55.4770
P38=-48.3050;55.3510
P39=-48.1210;54.8820
P40=-48.0440;54.6820
P41=-47.8930;54.2820
P42=-47.8650;54.2060

P43=-47.6920;53.7320
P44=-47.6400;53.5890
P45=-47.5650;53.3770
P46=-47.4340;53.0000
P47=-47.3670;52.8040
P48=-47.2900;52.5760
P49=-47.2520;52.4620
P50=-47.1490;52.1500
P51=-47.0640;51.8860
P52=-47.0020;51.6940
P53=-46.8720;51.2770
P54=-46.7890;51.0080
P55=-46.6830;50.6590
P56=-46.5870;50.3330
P57=-46.5160;50.0910
P58=-46.4810;49.9690
P59=-46.4120;49.7290
P60=-46.3590;49.5390
P61=-46.2400;49.1090
P62=-46.1880;48.9180
P63=-46.1560;48.7990
P64=-46.0250;48.3070
P65=-45.9310;47.9430
P66=-45.8610;47.6700
P67=-45.7750;47.3240
P68=-45.7230;47.1160
P69=-45.7840;47.3590
[C5]
gain=-2.00
n_point=61
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P2=-93.6880;26.8300
P3=-93.5480;26.9740
P4=-93.4360;27.2210
P5=-93.1690;27.6410
P6=-93.0130;27.9960
P7=-92.8600;28.3840
P8=-92.7430;28.6050
P9=-92.5740;29.0280
P10=-92.3430;29.5020
P11=-92.3000;29.5970
P12=-92.0550;30.0800
P13=-91.7850;30.5540
P14=-91.6180;30.7520
P15=-91.3450;31.1610
P16=-91.1810;31.4570
P17=-90.4740;32.2450
P18=-90.4580;32.2660
P19=-90.4540;32.2710
P20=-90.4310;32.3350
P21=-90.2380;33.1790
P22=-90.2160;33.3660
P23=-90.4090;33.8400
P24=-90.4490;34.1210
P25=-90.5140;34.4510
P26=-90.5580;34.5180
P27=-90.5880;34.6170

P28=-90.8760;34.7220
P29=-91.3650;34.7800
P30=-91.6330;35.1210
P31=-92.2180;34.6680
P32=-92.4760;34.3400
P33=-92.9350;33.7920
P34=-92.9930;33.7130
P35=-93.3950;33.1940
P36=-93.6560;32.9870
P37=-93.9550;32.7920
P38=-94.4920;32.3910
P39=-95.0890;32.0340
P40=-95.3590;31.8810
P41=-95.5640;31.7490
P42=-96.2110;31.3900
P43=-96.9500;30.8930
P44=-96.9740;30.8200
P45=-97.0670;30.0680
P46=-97.1360;29.8490
P47=-96.8080;29.4670
P48=-96.5550;28.9100
P49=-96.5420;28.8750
P50=-96.5390;28.8530
P51=-96.1490;28.3790
P52=-96.1000;28.2800
P53=-95.8820;27.8730
P54=-95.8570;27.8120
P55=-95.8270;27.6860
P56=-95.5480;27.2590
P57=-95.3980;26.8990
P58=-95.3610;26.6210
P59=-95.1820;26.1840
P60=-94.5420;26.4400
P61=-93.9120;26.6410
[C6]
gain=-20.00
n_point=51
P1=-66.3950;-21.6600
P2=-66.3450;-21.5610
P3=-66.3320;-21.5040
P4=-66.3370;-21.3780
P5=-66.4780;-20.7940
P6=-66.4070;-20.5350
P7=-66.5200;-20.0570
P8=-66.5000;-20.0220
P9=-66.4200;-19.5770
P10=-66.5090;-19.3380
P11=-66.1970;-19.0350
P12=-66.1120;-18.7630
P13=-65.9840;-18.6490
P14=-65.9240;-18.3140
P15=-65.8670;-18.1260
P16=-65.8330;-17.7110
P17=-66.4450;-17.2830
P18=-66.7380;-17.0580
P19=-67.1950;-16.7100
P20=-67.4820;-16.5850

P21=-67.7860;-16.4710
P22=-68.8110;-16.2130
P23=-68.9420;-16.1820
P24=-69.9990;-15.8670
P25=-70.5370;-15.9240
P26=-71.1170;-15.9400
P27=-71.6870;-16.0520
P28=-71.8840;-16.3270
P29=-71.9690;-16.4960
P30=-71.9520;-16.8320
P31=-71.7980;-17.1050
P32=-71.9250;-17.4230
P33=-72.3450;-17.5860
P34=-72.6590;-17.6210
P35=-73.2380;-17.8960
P36=-73.4680;-18.2810
P37=-73.1690;-18.6600
P38=-72.9900;-18.8160
P39=-72.6850;-19.2540
P40=-72.1050;-19.5140
P41=-71.3730;-20.0500
P42=-71.0670;-20.1520
P43=-70.8320;-20.2950
P44=-69.8780;-20.7400
P45=-69.4380;-21.0520
P46=-68.9370;-21.3560
P47=-68.7550;-21.4330
P48=-68.5450;-21.5390
P49=-68.1500;-21.5780
P50=-66.7350;-21.6220
P51=-66.3950;-21.6600

[C7]

gain=-8.00

n_point=104

P1=-96.7800;14.5250
P2=-96.4920;14.6180
P3=-96.2760;14.8620
P4=-96.3510;15.1470
P5=-96.4880;15.6370
P6=-96.5140;15.7350
P7=-96.5460;15.7630
P8=-96.5760;15.7840
P9=-96.6710;15.8200
P10=-97.1980;16.0200
P11=-97.5180;16.1450
P12=-97.8190;16.2990
P13=-98.1690;16.5810
P14=-98.3130;16.6770
P15=-98.4110;16.7580
P16=-98.7620;17.0910
P17=-99.0360;17.4480
P18=-99.1150;17.5800
P19=-99.2150;17.8650
P20=-99.4190;18.1090
P21=-99.4650;18.3310
P22=-99.5350;18.7600
P23=-99.5430;18.7860

P24=-99.5660;19.2280
P25=-99.6250;19.4960
P26=-99.8220;20.0330
P27=-99.8580;20.0850
P28=-99.8800;20.1270
P29=-99.8910;20.2220
P30=-99.8440;20.8760
P31=-99.8900;21.0420
P32=-99.7630;21.1950
P33=-99.5790;21.2890
P34=-99.0460;21.5490
P35=-98.9380;21.5950
P36=-98.4540;21.8070
P37=-98.3470;21.9380
P38=-98.3060;22.0110
P39=-98.3200;22.0780
P40=-98.3580;22.2420
P41=-98.7780;22.4110
P42=-98.8490;22.4420
P43=-99.3070;22.5970
P44=-99.8090;22.3840
P45=-99.9030;22.3900
P46=-100.3870;22.2870
P47=-100.7950;22.4600
P48=-100.9290;22.4700
P49=-101.3340;22.5700
P50=-101.5290;22.6530
P51=-101.9550;22.8380
P52=-102.1950;22.9000
P53=-102.2650;22.9110
P54=-102.3620;22.9200
P55=-103.1270;22.9240
P56=-103.2490;22.9390
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P72=-104.0020;19.1260
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P80=-102.3090;18.0740

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P83=-101.5740;17.7480
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P85=-101.1970;17.4360
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P18=-91.6620;28.8190
P19=-91.6130;29.0730
P20=-91.4740;29.3210
P21=-91.2050;29.8310
P22=-91.0250;30.1310
P23=-90.5610;30.6660
P24=-90.4990;30.7200

P25=-89.9600;31.2330
P26=-89.8060;31.4170
P27=-89.4000;31.8190
P28=-89.0250;32.1920
P29=-88.8670;32.3590
P30=-88.7930;32.5580
P31=-88.4600;33.3280
P32=-88.4020;33.4710
P33=-88.3930;33.5630
P34=-88.3710;33.8070
P35=-88.3820;34.3300
P36=-88.3640;34.5790
P37=-88.4180;35.0710
P38=-88.4610;35.3820
P39=-88.5000;35.6970
P40=-88.5100;35.7820
P41=-88.5710;35.8530
P42=-88.9770;36.2700
P43=-89.1940;36.4770
P44=-89.4400;36.7170
P45=-89.4830;36.7380
P46=-89.5260;36.7820
P47=-90.1900;37.0840
P48=-90.4920;37.2590
P49=-90.9800;37.3790
P50=-91.3960;37.6240
P51=-91.5910;37.7090
P52=-91.8040;37.6510
P53=-92.7400;37.4920
P54=-93.1000;37.3580
P55=-93.7350;36.8860
P56=-94.2230;36.5020
P57=-94.5090;36.0220
P58=-94.6710;35.7590
P59=-94.9230;35.3250
P60=-95.0900;34.9600
P61=-95.3300;34.5000
P62=-95.4700;34.1820
P63=-95.6720;33.9770
P64=-95.9740;33.7530
P65=-96.5010;33.3900
P66=-97.0650;33.0130
P67=-97.3410;32.8610
P68=-97.5280;32.7540
P69=-98.0780;32.2370
P70=-98.4140;31.8820
P71=-98.7430;31.5600
P72=-99.1700;31.2420
P73=-99.4530;30.9760
P74=-99.7330;30.7770
P75=-100.1020;30.3480
P76=-100.6530;29.9340
P77=-100.8280;29.8450
P78=-101.3560;29.6830
P79=-101.0770;29.4220
P80=-100.8180;29.3250
P81=-100.5090;29.0570

P82=-100.0800;28.9310
P83=-99.8740;28.8390
P84=-99.7900;28.8120
P85=-99.4220;28.7390
P86=-98.9020;28.6940
P87=-98.8340;28.6850
P88=-98.7190;28.6500
P89=-98.1280;28.4860
P90=-97.8270;28.3870
P91=-97.5260;28.1480
P92=-97.2080;27.8200
P93=-97.1110;27.6710
P94=-96.9950;27.4940
P95=-96.8180;27.1060
P96=-96.7390;26.8460
P97=-96.8220;26.3980
P98=-96.8440;26.3080
P99=-96.9170;25.8600
P100=-96.8270;25.5430
P101=-96.5890;25.1180
P102=-96.4510;25.0480
P103=-95.8110;24.9320
P104=-95.5830;24.9180
P105=-95.5580;24.9180
[C10]
gain=-20.00
n_point=69
P1=-103.3870;0.3270
P2=-103.3120;0.4140
P3=-103.1070;0.4830
P4=-102.8060;0.7730
P5=-102.4890;0.9760
P6=-102.3240;1.1570
P7=-102.1410;1.3070
P8=-101.8780;1.5790
P9=-101.5770;1.7010
P10=-101.1860;1.7780
P11=-101.0500;1.7850
P12=-100.6630;1.8430
P13=-100.3010;1.8070
P14=-100.0830;1.8290
P15=-99.7430;1.7730
P16=-99.3560;1.7900
P17=-98.8340;2.1360
P18=-98.8650;2.1910
P19=-99.1920;2.6100
P20=-99.2700;2.9640
P21=-99.4870;3.1630
P22=-99.7060;3.2640
P23=-100.1340;3.4040
P24=-100.2290;3.4350
P25=-100.6200;3.5650
P26=-100.8160;3.6110
P27=-101.2770;3.7880
P28=-101.4850;3.8240
P29=-101.5260;3.8230
P30=-101.5710;3.8280

P31=-102.3450;3.8620
P32=-102.4300;3.8740
P33=-102.5310;3.8760
P34=-103.2880;3.8190
P35=-103.3290;3.8200
P36=-103.3660;3.8150
P37=-103.5730;3.7800
P38=-103.9840;3.5530
P39=-104.2290;3.4160
P40=-104.5250;3.2230
P41=-104.9340;3.1230
P42=-105.1190;3.0520
P43=-105.1850;3.0120
P44=-105.4390;2.9500
P45=-105.8170;2.7780
P46=-105.9990;2.7380
P47=-106.3970;2.4980
P48=-106.5930;2.3900
P49=-106.8750;2.2310
P50=-106.9440;2.1900
P51=-107.0080;2.1240
P52=-107.1180;1.8960
P53=-107.2160;1.6210
P54=-107.4510;1.3030
P55=-107.2910;0.9190
P56=-106.8880;0.7370
P57=-106.7200;0.6430
P58=-106.0690;0.5270
P59=-106.0230;0.5120
P60=-105.9960;0.5090
P61=-105.8460;0.4840
P62=-105.2180;0.4210
P63=-105.1520;0.4030
P64=-105.0320;0.3710
P65=-104.5060;0.2660
P66=-104.2730;0.1880
P67=-104.0310;0.2570
P68=-103.6010;0.2850
P69=-103.3870;0.3270
[C11]
gain=-2.00
n_point=53
P1=-75.5300;36.5480
P2=-75.4260;36.5840
P3=-75.2990;36.6370
P4=-74.8530;36.8850
P5=-73.8260;37.4580
P6=-72.6130;38.0390
P7=-72.0310;38.3250
P8=-71.2740;38.6050
P9=-70.0480;39.2760
P10=-69.5450;39.5210
P11=-68.9520;39.9000
P12=-67.8990;40.5270
P13=-67.0840;40.9990
P14=-66.6800;41.3710
P15=-65.4670;42.2800

P16=-65.2190;42.4670
P17=-65.1350;42.5560
P18=-64.9430;42.7520
P19=-65.6700;43.0910
P20=-65.7760;43.2400
P21=-66.0730;43.6270
P22=-66.3530;43.5800
P23=-68.9890;43.3170
P24=-69.2560;43.2580
P25=-69.7420;43.1570
P26=-71.6670;42.9040
P27=-72.3720;42.6950
P28=-73.4320;42.4970
P29=-74.0330;42.4270
P30=-75.1230;42.1760
P31=-76.1060;41.7890
P32=-76.7950;41.3840
P33=-77.8630;40.8790
P34=-79.0680;40.2630
P35=-79.4480;39.9840
P36=-79.5540;39.8960
P37=-79.5420;39.8450
P38=-79.6190;39.6850
P39=-79.5840;39.0870
P40=-79.8660;38.6500
P41=-79.5150;38.3840
P42=-79.5580;37.8750
P43=-79.3650;37.7240
P44=-79.4380;37.4890
P45=-78.9610;37.1870
P46=-78.8290;36.7840
P47=-78.5340;36.6620
P48=-78.2970;36.4050
P49=-77.7560;36.3040
P50=-77.5760;36.2680
P51=-77.2750;36.3050
P52=-75.6690;36.5300
P53=-75.5300;36.5480

[C12]

gain=-10.00

n_point=76

P1=-156.6600;18.1310
P2=-156.4830;18.1800
P3=-155.9140;18.3170
P4=-155.7100;18.4030
P5=-155.6080;18.4390
P6=-155.2630;18.6210
P7=-155.0870;18.7240
P8=-154.6160;18.9120
P9=-154.4590;19.0380
P10=-154.1350;19.1870
P11=-153.9390;19.4250
P12=-153.7100;19.6600
P13=-153.5960;19.9350
P14=-153.5180;20.0890
P15=-153.4640;20.4820
P16=-153.4700;20.5960

P17=-153.3040;21.0080
P18=-153.2840;21.2150
P19=-153.1250;21.5230
P20=-153.0610;21.8100
P21=-153.0140;21.9340
P22=-153.1190;22.0790
P23=-153.3610;22.3230
P24=-153.7950;22.6060
P25=-154.3370;22.9150
P26=-154.6310;22.9830
P27=-154.7050;22.9900
P28=-154.7790;22.9890
P29=-155.7980;23.0230
P30=-155.8760;23.0220
P31=-155.9370;23.0160
P32=-156.6190;22.9860
P33=-156.9500;22.9350
P34=-157.0280;22.9360
P35=-157.1260;22.9210
P36=-157.8320;22.7620
P37=-158.1550;22.7250
P38=-158.7070;22.5770
P39=-158.7160;22.5750
P40=-159.2790;22.4490
P41=-159.5590;22.3710
P42=-160.4060;22.1630
P43=-160.4140;22.1600
P44=-160.4170;22.1590
P45=-160.4250;22.1570
P46=-161.2190;21.9130
P47=-161.5620;21.8270
P48=-162.0340;21.6650
P49=-162.3810;21.5510
P50=-162.7080;21.4430
P51=-162.7980;21.3810
P52=-162.9290;21.3030
P53=-163.2320;20.9040
P54=-163.6550;20.5290
P55=-163.7150;20.4520
P56=-163.7810;20.3900
P57=-163.6240;19.6720
P58=-163.5770;19.4490
P59=-163.4010;19.2660
P60=-163.0400;18.9770
P61=-162.6260;18.7200
P62=-162.2060;18.4820
P63=-161.7330;18.3110
P64=-161.4940;18.2450
P65=-160.9450;18.0840
P66=-160.7390;18.0250
P67=-160.1190;17.8330
P68=-159.7340;17.7750
P69=-159.1370;17.6900
P70=-158.8560;17.6480
P71=-158.5870;17.6870
P72=-158.1310;17.7830
P73=-157.7310;17.8290

P74=-157.2920;17.9750
P75=-157.0270;18.0320
P76=-156.6600;18.1310
[C13]
gain=-4.00
n_point=96
P1=-76.9390;35.0450
P2=-76.4570;35.1270
P3=-74.9720;35.5070
P4=-74.7350;35.5830
P5=-74.5760;35.6490
P6=-73.1700;36.4670
P7=-72.6230;36.8530
P8=-71.5260;37.5180
P9=-71.4180;37.5790
P10=-70.2340;38.2430
P11=-69.6280;38.5580
P12=-68.2070;39.2180
P13=-67.4230;39.6180
P14=-67.1870;39.7360
P15=-66.9880;39.8720
P16=-64.9570;41.0470
P17=-64.6350;41.2340
P18=-64.4600;41.3680
P19=-63.1000;42.2120
P20=-62.5660;42.6100
P21=-62.3380;42.7560
P22=-61.9460;43.0910
P23=-61.2380;43.6620
P24=-60.3600;44.2940
P25=-59.8880;44.6980
P26=-59.7460;45.1140
P27=-60.2760;45.2930
P28=-60.4050;45.6640
P29=-60.8500;45.8430
P30=-60.9020;46.0460
P31=-61.3460;46.4130
P32=-60.5100;47.0690
P33=-60.3270;47.3670
P34=-59.0660;48.0720
P35=-58.5880;48.4760
P36=-57.7070;48.8540
P37=-57.0520;49.5090
P38=-55.5340;50.4150
P39=-55.5240;50.5170
P40=-55.2420;50.6730
P41=-56.4100;51.0390
P42=-57.2220;51.2240
P43=-58.7850;51.2380
P44=-60.1890;51.3380
P45=-60.8430;51.3800
P46=-61.6680;51.2690
P47=-65.2330;50.8290
P48=-65.9110;50.7360
P49=-68.5450;50.0520
P50=-69.2630;49.8560
P51=-71.7930;49.1390

P52=-72.5120;48.8920
P53=-73.3350;48.6160
P54=-75.2410;47.8060
P55=-77.0840;47.0970
P56=-77.6060;46.9310
P57=-78.5640;46.6220
P58=-79.4060;45.9160
P59=-79.6290;45.7620
P60=-80.4300;45.0410
P61=-80.3950;44.6990
P62=-80.5200;44.1480
P63=-80.5010;43.8870
P64=-80.5790;43.6670
P65=-80.7330;43.0190
P66=-80.7700;42.8830
P67=-80.9080;42.3190
P68=-81.2030;42.0360
P69=-81.9540;41.1650
P70=-82.1830;40.9330
P71=-83.1280;39.8640
P72=-83.3530;39.5970
P73=-83.3880;39.4220
P74=-83.3580;39.1810
P75=-83.2250;38.7530
P76=-83.1830;38.3960
P77=-82.9390;38.1520
P78=-82.7210;37.9900
P79=-82.4130;37.6790
P80=-82.2330;37.2790
P81=-82.1080;37.0930
P82=-81.9850;36.9160
P83=-81.6860;36.5710
P84=-81.5010;36.1690
P85=-81.4100;35.9750
P86=-81.2800;35.7900
P87=-80.9060;35.4990
P88=-80.3850;35.1060
P89=-80.3270;35.0600
P90=-80.2730;35.0400
P91=-80.1480;35.0290
P92=-79.2050;34.8890
P93=-78.7840;34.8670
P94=-78.2410;34.9210
P95=-77.4790;34.9920
P96=-76.9390;35.0450
[C14]
gain=-20.00
n_point=81
P1=-43.8740;37.4890
P2=-43.8720;37.4730
P3=-43.8530;37.3480
P4=-43.8870;37.5740
P5=-43.8870;37.5770
P6=-43.9290;37.8540
P7=-43.9700;38.1220
P8=-44.0020;38.3280
P9=-44.0530;38.6560

P10=-44.1010;38.9610
P11=-44.1410;39.2060
P12=-44.1900;39.5100
P13=-44.2270;39.7330
P14=-44.2700;39.9850
P15=-44.3110;40.2280
P16=-44.2890;40.0980
P17=-44.2700;39.9860
P18=-44.2400;39.8110
P19=-44.2180;39.6770
P20=-44.1870;39.4910
P21=-44.1650;39.3560
P22=-44.1510;39.2710
P23=-44.1170;39.0560
P24=-44.1540;39.2900
P25=-44.1670;39.3690
P26=-44.1730;39.4020
P27=-44.2390;39.8030
P28=-44.2520;39.8800
P29=-44.2550;39.8990
P30=-44.3190;40.2740
P31=-44.3410;40.4040
P32=-44.3520;40.4670
P33=-44.3800;40.6320
P34=-44.4280;40.9050
P35=-44.4870;41.2330
P36=-44.5200;41.4160
P37=-44.5730;41.7090
P38=-44.6140;41.9310
P39=-44.6300;42.0170
P40=-44.6620;42.1830
P41=-44.7110;42.4410
P42=-44.7580;42.6900
P43=-44.7860;42.8290
P44=-44.7740;42.7680
P45=-44.7060;42.4190
P46=-44.6090;41.9000
P47=-44.6050;41.8810
P48=-44.6020;41.8670
P49=-44.5920;41.8110
P50=-44.5530;41.6010
P51=-44.5080;41.3510
P52=-44.5970;41.8380
P53=-44.6040;41.8760
P54=-44.6010;41.8580
P55=-44.6030;41.8680
P56=-44.6000;41.8550
P57=-44.6110;41.9110
P58=-44.6140;41.9280
P59=-44.6250;41.9890
P60=-44.5840;41.7700
P61=-44.5030;41.3250
P62=-44.4870;41.2360
P63=-44.4800;41.1960
P64=-44.4760;41.1750
P65=-44.4620;41.0940
P66=-44.3840;40.6510

P67=-44.3190;40.2750
P68=-44.2890;40.1020
P69=-44.2440;39.8330
P70=-44.1990;39.5610
P71=-44.1870;39.4870
P72=-44.1620;39.3350
P73=-44.1150;39.0460
P74=-44.0760;38.8020
P75=-44.0320;38.5240
P76=-43.9930;38.2740
P77=-43.9630;38.0780
P78=-43.9520;38.0070
P79=-43.9020;37.6780
P80=-43.8770;37.5070
P81=-43.8740;37.4890
[C15]
gain=-20.00
n_point=81
P1=-56.5530;67.8990
P2=-56.4470;67.7990
P3=-56.1570;67.5230
P4=-55.9600;67.3310
P5=-55.8500;67.2230
P6=-55.8770;67.2500
P7=-55.3390;66.7030
P8=-55.3360;66.7000
P9=-55.3340;66.6970
P10=-55.3320;66.6960
P11=-55.3330;66.6960
P12=-55.6160;66.9880
P13=-55.6140;66.9860
P14=-55.6250;66.9970
P15=-55.6330;67.0060
P16=-55.6830;67.0560
P17=-56.2040;67.5690
P18=-56.6360;67.9750
P19=-56.7730;68.1010
P20=-57.2250;68.5030
P21=-56.8960;68.2120
P22=-56.7900;68.1160
P23=-56.8040;68.1280
P24=-56.8420;68.1630
P25=-56.8470;68.1680
P26=-56.8780;68.1960
P27=-56.8490;68.1700
P28=-56.8450;68.1650
P29=-56.7050;68.0390
P30=-56.6210;67.9610
P31=-56.3790;67.7360
P32=-56.6170;67.9570
P33=-56.9410;68.2520
P34=-57.1760;68.4600
P35=-57.3580;68.6190
P36=-57.6870;68.8980
P37=-58.0490;69.1960
P38=-58.4290;69.4990
P39=-58.5560;69.5980

P40=-58.9640;69.9100
P41=-59.3840;70.2190
P42=-59.4140;70.2400
P43=-59.8540;70.5530
P44=-59.9610;70.6270
P45=-60.2240;70.8060
P46=-60.3380;70.8820
P47=-60.5630;71.0320
P48=-60.5820;71.0440
P49=-60.6430;71.0840
P50=-60.6260;71.0740
P51=-60.5080;70.9960
P52=-60.5370;71.0150
P53=-60.3800;70.9110
P54=-59.8120;70.5230
P55=-59.7230;70.4610
P56=-59.6240;70.3910
P57=-59.5120;70.3110
P58=-59.6870;70.4360
P59=-59.9400;70.6120
P60=-60.2680;70.8360
P61=-60.7190;71.1340
P62=-60.9400;71.2760
P63=-61.6600;71.7230
P64=-61.6370;71.7090
P65=-61.0650;71.3560
P66=-60.8800;71.2370
P67=-60.4440;70.9530
P68=-59.9430;70.6140
P69=-59.8530;70.5520
P70=-59.8280;70.5340
P71=-59.7940;70.5100
P72=-59.6910;70.4380
P73=-59.0150;69.9480
P74=-58.5820;69.6190
P75=-58.1870;69.3080
P76=-57.6080;68.8320
P77=-57.4870;68.7290
P78=-57.4340;68.6840
P79=-57.2880;68.5580
P80=-56.6570;67.9950
P81=-56.5530;67.8990
[C16]
gain=-20.00
n_point=123
P1=-127.8210;16.9440
P2=-127.7220;17.0070
P3=-127.5580;17.1090
P4=-127.2190;17.3600
P5=-126.9780;17.5390
P6=-126.8150;17.8130
P7=-126.7090;17.9880
P8=-126.8390;18.1490
P9=-127.0120;18.5970
P10=-127.1260;18.7630
P11=-127.1540;18.8720
P12=-127.6490;19.1330

P13=-127.9170;19.4090
P14=-128.2140;19.4640
P15=-128.7730;19.7270
P16=-128.8110;19.7390
P17=-128.8380;19.7390
P18=-128.8700;19.7660
P19=-129.3730;20.1130
P20=-129.4400;20.3720
P21=-129.5930;20.6680
P22=-129.6370;20.7880
P23=-129.7680;21.0180
P24=-129.9950;21.3700
P25=-130.0840;21.5800
P26=-130.3940;21.9170
P27=-130.7570;22.3670
P28=-131.0340;22.2090
P29=-131.2220;22.0760
P30=-131.6320;21.9470
P31=-131.7360;21.7110
P32=-131.9710;21.5880
P33=-132.0960;21.2040
P34=-132.4370;20.7260
P35=-132.5310;20.7700
P36=-133.1380;20.9000
P37=-133.3860;21.2460
P38=-133.4820;21.5260
P39=-133.4950;21.5970
P40=-133.5000;21.6720
P41=-133.4880;22.3360
P42=-133.4970;22.5100
P43=-133.5010;22.5180
P44=-133.5000;22.5250
P45=-133.5820;23.4320
P46=-133.5670;23.4480
P47=-133.5810;23.4680
P48=-133.6030;23.4850
P49=-133.6670;23.5120
P50=-134.2690;23.7480
P51=-134.5760;23.8810
P52=-135.0320;23.9520
P53=-135.0960;23.9730
P54=-135.5360;24.0650
P55=-135.9100;24.0340
P56=-136.1290;24.0640
P57=-136.4740;24.0160
P58=-136.8930;23.9120
P59=-137.1610;23.4850
P60=-137.1450;23.3080
P61=-136.9440;22.8660
P62=-136.9100;22.5500
P63=-136.7340;22.1200
P64=-136.7070;22.0710
P65=-136.5680;21.6230
P66=-136.5580;21.1930
P67=-136.5490;21.1350
P68=-136.5560;20.7090
P69=-136.5640;20.3320

P70=-136.5930;20.1290
P71=-136.6100;19.8050
P72=-136.4440;19.4120
P73=-136.4030;19.3280
P74=-136.2510;18.9050
P75=-136.1070;18.6530
P76=-135.8010;18.1120
P77=-135.7280;18.0810
P78=-135.4220;18.0100
P79=-135.0120;17.8800
P80=-134.8810;17.8470
P81=-134.8500;17.9660
P82=-134.8440;18.0060
P83=-134.7600;18.1520
P84=-134.5730;18.5270
P85=-134.2360;18.8910
P86=-134.1810;18.9860
P87=-134.0930;19.0640
P88=-133.9000;19.5480
P89=-133.6640;19.7830
P90=-133.5540;20.0550
P91=-133.3160;20.4630
P92=-133.1340;20.4970
P93=-132.4990;20.6070
P94=-132.4290;20.6200
P95=-132.0170;20.1510
P96=-131.7330;19.7740
P97=-131.5950;19.6370
P98=-131.4470;19.4410
P99=-131.0910;19.2210
P100=-130.7090;18.8760
P101=-130.9720;18.4640
P102=-131.3640;18.1770
P103=-131.4240;18.0600
P104=-131.4840;17.9920
P105=-131.5090;17.8230
P106=-131.5580;17.3590
P107=-131.6020;17.1120
P108=-131.4220;16.9790
P109=-131.2870;16.9240
P110=-131.1540;16.9760
P111=-130.5180;17.0120
P112=-130.4220;17.0350
P113=-130.3560;17.0430
P114=-129.7110;17.1090
P115=-129.6150;17.1640
P116=-129.5600;17.1670
P117=-129.5190;17.1490
P118=-129.4070;17.1090
P119=-128.7730;17.0220
P120=-128.6850;16.9630
P121=-128.5250;16.9470
P122=-127.9650;16.9630
P123=-127.8210;16.9440
[C17]
gain=-20.00
n_point=55

P1=-73.0990;-5.2220
P2=-72.6420;-5.0980
P3=-72.0850;-4.8490
P4=-71.8410;-4.6860
P5=-71.5670;-4.2970
P6=-71.5410;-4.0090
P7=-71.5390;-3.9800
P8=-71.5420;-3.9480
P9=-71.5130;-3.1840
P10=-71.5170;-3.1030
P11=-71.4820;-2.9980
P12=-71.4290;-2.3800
P13=-71.3470;-2.2280
P14=-71.3980;-2.0510
P15=-71.7120;-1.3740
P16=-71.7200;-1.3490
P17=-71.7270;-1.3310
P18=-71.7610;-1.3210
P19=-72.2420;-1.0930
P20=-72.6140;-0.9180
P21=-72.9240;-0.7250
P22=-73.3410;-0.4650
P23=-73.3720;-0.4530
P24=-73.3950;-0.4540
P25=-73.4250;-0.4480
P26=-74.6540;-0.2940
P27=-74.9390;-0.1980
P28=-75.4480;-0.1590
P29=-75.9330;-0.1640
P30=-76.4160;-0.1130
P31=-76.9580;-0.1200
P32=-77.4440;-0.2020
P33=-77.8350;-0.2120
P34=-78.1280;-0.2570
P35=-78.5530;-0.4370
P36=-78.1820;-0.6540
P37=-77.9510;-1.2280
P38=-77.8940;-1.3030
P39=-77.8730;-1.3300
P40=-77.8270;-1.4050
P41=-77.4430;-1.9410
P42=-77.3460;-2.1710
P43=-77.0570;-2.5890
P44=-77.0390;-2.6320
P45=-76.8100;-3.0410
P46=-76.6110;-3.2110
P47=-76.3010;-3.6570
P48=-76.0860;-3.7960
P49=-75.9410;-3.9190
P50=-75.2910;-4.2300
P51=-74.7290;-4.6260
P52=-74.4870;-4.6760
P53=-74.1270;-4.8170
P54=-73.4730;-5.0190
P55=-73.0990;-5.2220
[C18]
gain=-15.00

n_point=118
P1=-157.3630;16.4930
P2=-157.3170;16.5030
P3=-157.1660;16.5380
P4=-156.5910;16.7630
P5=-156.3150;16.8490
P6=-155.8400;16.9990
P7=-155.7120;17.0250
P8=-155.2670;17.1390
P9=-155.0690;17.2170
P10=-154.4470;17.3800
P11=-154.3130;17.4400
P12=-154.2440;17.4680
P13=-153.8370;17.8550
P14=-153.6020;18.0000
P15=-153.3290;18.1830
P16=-153.2960;18.2230
P17=-153.2290;18.2570
P18=-152.8110;18.6290
P19=-152.4250;18.9020
P20=-152.3040;19.0180
P21=-152.2090;19.1430
P22=-152.0490;19.5880
P23=-152.0170;19.6410
P24=-151.7960;20.0480
P25=-151.7570;20.1310
P26=-151.6800;20.2130
P27=-151.2960;20.5530
P28=-150.8600;20.9480
P29=-150.8480;20.9840
P30=-150.8220;21.0450
P31=-150.6670;21.6100
P32=-150.5290;21.8690
P33=-150.4320;22.1980
P34=-150.1500;22.5640
P35=-150.0810;22.7020
P36=-150.0120;22.7930
P37=-150.0360;22.9970
P38=-150.3300;23.6450
P39=-150.3290;23.7490
P40=-150.4320;23.8060
P41=-150.4950;23.8130
P42=-150.6060;23.8460
P43=-151.3210;24.0790
P44=-151.7010;24.1810
P45=-152.2750;24.3020
P46=-152.3360;24.3160
P47=-152.9030;24.4430
P48=-153.3550;24.4050
P49=-153.5120;24.3760
P50=-154.0110;24.3480
P51=-154.4090;24.2350
P52=-154.6990;24.2360
P53=-155.1080;24.1720
P54=-155.3530;24.1190
P55=-156.0360;24.1090
P56=-156.2530;24.0790

P57=-156.3880;24.0530
P58=-157.3810;24.0060
P59=-157.4240;24.0000
P60=-157.4510;23.9960
P61=-157.6860;23.9810
P62=-158.3660;23.8350
P63=-158.5730;23.8080
P64=-158.9020;23.7510
P65=-159.2890;23.6720
P66=-159.7400;23.6040
P67=-160.2960;23.5510
P68=-160.4310;23.5340
P69=-160.9640;23.4800
P70=-161.3350;23.4400
P71=-161.9700;23.3560
P72=-162.2050;23.3290
P73=-162.3440;23.3000
P74=-162.8740;23.2100
P75=-163.2560;23.0950
P76=-163.4200;23.0550
P77=-163.9330;22.8070
P78=-163.9870;22.7810
P79=-164.5430;22.5260
P80=-164.8240;22.3240
P81=-165.1870;21.9960
P82=-165.5740;21.7530
P83=-165.7990;21.6060
P84=-166.2070;21.4220
P85=-166.3930;21.2010
P86=-166.5990;20.9110
P87=-166.7400;20.6630
P88=-166.7890;20.4950
P89=-166.6690;20.2390
P90=-166.4750;19.7980
P91=-166.3590;19.5400
P92=-166.3040;19.2320
P93=-166.2200;18.9350
P94=-166.1820;18.6020
P95=-165.9580;18.2480
P96=-165.8100;17.9830
P97=-165.6170;17.6600
P98=-165.3450;17.5280
P99=-165.1170;17.4110
P100=-164.4360;17.2130
P101=-164.3340;17.1830
P102=-163.6230;16.9670
P103=-163.2580;16.9250
P104=-162.5530;16.8480
P105=-162.2830;16.8170
P106=-162.0860;16.7850
P107=-161.1540;16.6280
P108=-160.9860;16.6100
P109=-160.9650;16.6050
P110=-160.9330;16.6010
P111=-159.9070;16.4430
P112=-159.6910;16.4150
P113=-159.4630;16.4170

P114=-158.7440;16.3810
P115=-158.4950;16.3830
P116=-158.2940;16.4040
P117=-157.4350;16.4860
P118=-157.3630;16.4930
[C19]
gain=-2.00
n_point=54
P1=-117.7910;31.1730
P2=-117.6660;31.2020
P3=-116.9770;31.3420
P4=-116.8620;31.4220
P5=-116.7840;31.4590
P6=-116.3160;31.9460
P7=-115.9100;32.2160
P8=-115.7130;32.3570
P9=-115.6760;32.3770
P10=-115.5780;32.4160
P11=-115.0640;32.8560
P12=-114.6240;33.1370
P13=-114.3240;33.2010
P14=-113.7840;33.5220
P15=-113.5130;33.8620
P16=-113.0910;34.2350
P17=-112.5560;34.6440
P18=-113.1610;34.8660
P19=-113.3760;34.9270
P20=-113.7870;35.0700
P21=-113.9120;35.1300
P22=-114.3870;35.2420
P23=-114.7250;35.3400
P24=-115.1560;35.4250
P25=-115.4100;35.4890
P26=-115.5870;35.5050
P27=-116.4300;35.6670
P28=-116.4430;35.6690
P29=-116.4610;35.6620
P30=-117.3440;35.4950
P31=-117.5110;35.4030
P32=-117.9340;35.2160
P33=-118.1100;35.1620
P34=-118.5850;34.8420
P35=-118.8200;34.7800
P36=-119.4020;34.7590
P37=-119.6220;34.7180
P38=-119.7000;34.6010
P39=-119.7660;34.5210
P40=-119.9350;34.2060
P41=-120.1110;33.9130
P42=-120.3010;33.4250
P43=-120.2090;32.9020
P44=-120.2020;32.8820
P45=-120.1520;32.3560
P46=-119.9320;32.1350
P47=-119.7340;31.8390
P48=-119.4220;31.6490
P49=-119.1030;31.3150

P50=-118.8520;31.2330
P51=-118.7740;31.2000
P52=-118.6580;31.1970
P53=-117.9350;31.1770
P54=-117.7910;31.1730
[C20]
gain=-4.00
n_point=177
P1=-110.9430;30.2770
P2=-110.8260;30.3080
P3=-110.3640;30.4340
P4=-110.0400;30.5960
P5=-109.8790;30.6660
P6=-109.3520;31.0150
P7=-109.0080;31.2560
P8=-108.7270;31.4510
P9=-108.6850;31.4780
P10=-108.6370;31.5180
P11=-108.4930;31.7130
P12=-108.1760;32.1540
P13=-107.8060;32.5990
P14=-107.6950;32.8930
P15=-107.2470;33.6620
P16=-107.2340;33.6870
P17=-107.2290;33.6950
P18=-107.2230;33.7100
P19=-107.2190;33.7940
P20=-107.2300;34.6010
P21=-107.5170;34.7850
P22=-107.2560;35.1360
P23=-106.9430;35.0350
P24=-106.7560;35.0070
P25=-106.1860;35.2180
P26=-105.8050;35.2060
P27=-105.2460;35.3810
P28=-105.1840;35.4080
P29=-104.6070;35.5390
P30=-104.2210;35.6740
P31=-103.4860;35.9350
P32=-103.3520;35.9820
P33=-103.2860;36.0030
P34=-103.1410;36.0690
P35=-102.4190;36.4590
P36=-101.9810;36.6870
P37=-101.4480;36.8040
P38=-101.1850;36.8720
P39=-100.7050;36.9840
P40=-100.3600;37.0190
P41=-99.4800;37.3020
P42=-99.3870;37.3150
P43=-99.3270;37.3490
P44=-99.2910;37.3960
P45=-99.2620;37.4630
P46=-98.7130;38.3510
P47=-98.5970;38.6150
P48=-98.5640;38.8290
P49=-98.4170;39.6940

P50=-98.4140;39.7980
P51=-98.4070;39.8390
P52=-98.9540;40.2760
P53=-99.2850;40.6220
P54=-99.4370;40.8030
P55=-99.5130;41.0260
P56=-99.8090;41.4190
P57=-99.9860;41.9700
P58=-100.0680;42.1260
P59=-100.0880;42.2750
P60=-100.1020;42.7220
P61=-100.1180;42.9970
P62=-100.0980;43.5940
P63=-100.1110;43.9200
P64=-100.2410;44.3440
P65=-100.4410;44.6080
P66=-100.6800;44.9250
P67=-101.0580;45.0970
P68=-101.2260;45.1410
P69=-101.4980;45.1780
P70=-102.1160;45.2640
P71=-102.4960;45.3160
P72=-102.9890;45.3150
P73=-103.3440;45.3000
P74=-103.8350;45.3020
P75=-104.3210;45.2100
P76=-104.9090;45.0610
P77=-105.2670;44.9870
P78=-105.5040;44.9010
P79=-106.0090;44.6590
P80=-106.4330;44.2410
P81=-107.0520;43.4380
P82=-107.1430;43.3150
P83=-107.1690;43.2550
P84=-107.1720;43.2020
P85=-107.5070;41.9590
P86=-107.5100;41.9320
P87=-107.5270;41.9010
P88=-108.0380;40.9370
P89=-108.1900;40.6370
P90=-108.6300;40.0650
P91=-109.1020;39.5490
P92=-109.2630;39.3670
P93=-109.2770;39.3190
P94=-109.3630;39.1320
P95=-109.7250;38.3560
P96=-109.8650;38.1470
P97=-110.0370;37.7430
P98=-110.0010;37.2190
P99=-110.3460;36.9620
P100=-110.8180;36.8180
P101=-110.9400;36.8260
P102=-111.0430;36.8330
P103=-111.9140;36.7900
P104=-112.0350;36.7950
P105=-112.1470;36.7940
P106=-112.9600;36.7120

P107=-113.1300;36.7100
P108=-113.3170;36.6880
P109=-113.9300;36.5530
P110=-114.2300;36.5250
P111=-114.5350;36.5300
P112=-114.9880;36.5120
P113=-115.3000;36.5170
P114=-115.5580;36.5540
P115=-116.2540;36.7260
P116=-116.3440;36.7420
P117=-116.4110;36.7470
P118=-116.6440;36.8170
P119=-117.2560;36.9550
P120=-117.3890;36.9980
P121=-117.6090;37.0450
P122=-118.1400;37.1260
P123=-118.4420;37.2010
P124=-118.8040;37.1750
P125=-119.1940;37.1270
P126=-119.5150;37.1030
P127=-119.7220;36.9930
P128=-120.0710;36.7710
P129=-120.3610;36.5100
P130=-120.6030;36.3220
P131=-120.9230;35.9580
P132=-121.1620;35.6220
P133=-121.3040;35.2250
P134=-121.4260;34.7760
P135=-121.5100;34.5060
P136=-121.5150;34.3270
P137=-121.4690;33.6520
P138=-121.4760;33.4150
P139=-121.3690;33.0630
P140=-121.2740;32.8000
P141=-121.1600;32.3470
P142=-120.9640;32.0850
P143=-120.7250;31.7510
P144=-120.5100;31.5350
P145=-120.3440;31.3030
P146=-119.9720;31.0820
P147=-119.7660;30.9320
P148=-119.3120;30.7630
P149=-119.2110;30.7170
P150=-118.8040;30.5450
P151=-118.5660;30.5380
P152=-118.0490;30.5250
P153=-117.8290;30.5200
P154=-117.5550;30.5830
P155=-117.1930;30.6750
P156=-116.8340;30.7550
P157=-116.4290;30.9350
P158=-116.0970;31.0680
P159=-115.8140;31.1860
P160=-115.6860;31.2300
P161=-115.1820;31.3700
P162=-114.9280;31.5190
P163=-114.7830;31.5840

P164=-114.6220;31.5520
P165=-114.2750;31.3860
P166=-113.8870;31.3160
P167=-113.8140;31.2940
P168=-113.6340;31.2000
P169=-113.2060;31.0310
P170=-112.8780;30.7540
P171=-112.6270;30.6550
P172=-112.2580;30.3910
P173=-112.0170;30.3130
P174=-111.9410;30.2740
P175=-111.8160;30.2700
P176=-111.0740;30.2820
P177=-110.9430;30.2770
[C21]
gain=-20.00
n_point=83
P1=-98.4970;-8.7160
P2=-98.4660;-8.7160
P3=-98.0830;-8.6940
P4=-97.6920;-8.5790
P5=-97.5560;-8.5530
P6=-97.2190;-8.1850
P7=-96.8560;-7.8690
P8=-96.8290;-7.7200
P9=-96.6850;-7.3450
P10=-96.6390;-7.0870
P11=-96.6140;-7.0310
P12=-96.4380;-6.7840
P13=-96.2840;-6.5890
P14=-96.0960;-6.1980
P15=-96.0430;-5.9930
P16=-95.8900;-5.4080
P17=-95.8780;-5.3620
P18=-95.8770;-5.3320
P19=-95.8480;-5.1980
P20=-95.7860;-4.6050
P21=-95.7510;-4.5270
P22=-95.6490;-4.3220
P23=-95.5240;-4.0180
P24=-95.3060;-3.6960
P25=-95.2290;-3.4550
P26=-94.9560;-3.0800
P27=-94.8490;-2.9580
P28=-94.7150;-2.8650
P29=-94.7860;-2.7120
P30=-94.9710;-2.5150
P31=-95.1890;-2.2060
P32=-95.3450;-2.0270
P33=-95.7150;-1.8120
P34=-95.9660;-1.5870
P35=-96.2140;-1.4000
P36=-96.4300;-1.1880
P37=-96.7450;-1.0210
P38=-96.9370;-0.9850
P39=-97.1370;-1.0110
P40=-97.6640;-0.9860

P41=-97.8890;-1.0060
P42=-98.0490;-1.0400
P43=-98.7590;-1.1170
P44=-98.8290;-1.1290
P45=-98.8770;-1.1350
P46=-99.2650;-1.1770
P47=-99.5640;-1.3480
P48=-99.7540;-1.6200
P49=-99.8800;-1.8860
P50=-99.8680;-2.0020
P51=-99.8320;-2.0780
P52=-99.8760;-2.7040
P53=-99.8460;-2.8310
P54=-99.8510;-2.9380
P55=-99.8560;-3.5330
P56=-99.8610;-3.6600
P57=-99.8220;-3.7630
P58=-99.6970;-4.0720
P59=-99.5010;-4.3250
P60=-99.3760;-4.4940
P61=-99.3660;-4.7670
P62=-99.3240;-5.0250
P63=-99.3110;-5.3270
P64=-99.3810;-5.5550
P65=-99.6180;-5.9420
P66=-99.6640;-6.1080
P67=-99.7030;-6.1570
P68=-99.7120;-6.2550
P69=-99.5610;-6.9620
P70=-99.5520;-6.9880
P71=-99.5470;-6.9940
P72=-99.5490;-7.0030
P73=-99.5570;-7.0210
P74=-99.7000;-7.6650
P75=-99.7600;-7.8290
P76=-99.7790;-8.0920
P77=-99.5150;-8.6130
P78=-99.5440;-8.6730
P79=-99.4610;-8.6910
P80=-99.4430;-8.6880
P81=-99.4320;-8.6840
P82=-98.5370;-8.7240
P83=-98.4970;-8.7160
[C22]
gain=-20.00
n_point=120
P1=-49.2490;57.5550
P2=-49.1910;57.4290
P3=-49.1370;57.3090
P4=-49.1400;57.3160
P5=-49.1030;57.2340
P6=-49.1270;57.2880
P7=-49.1090;57.2480
P8=-49.1180;57.2680
P9=-49.0470;57.1090
P10=-49.0250;57.0610
P11=-48.9370;56.8620

P12=-49.0120;57.0310
P13=-49.0190;57.0480
P14=-49.0770;57.1760
P15=-49.2490;57.5560
P16=-49.2960;57.6560
P17=-49.4010;57.8810
P18=-49.5260;58.1430
P19=-49.6920;58.4850
P20=-49.7870;58.6780
P21=-49.7540;58.6100
P22=-49.7830;58.6680
P23=-49.8300;58.7640
P24=-49.8280;58.7590
P25=-49.8900;58.8810
P26=-49.9050;58.9110
P27=-49.9570;59.0140
P28=-50.0780;59.2490
P29=-50.1320;59.3520
P30=-50.2370;59.5520
P31=-50.4520;59.9510
P32=-50.4810;60.0040
P33=-50.7570;60.4980
P34=-50.7840;60.5460
P35=-50.8090;60.5890
P36=-51.1530;61.1780
P37=-51.2210;61.2900
P38=-51.3660;61.5280
P39=-51.5430;61.8130
P40=-51.7500;62.1370
P41=-51.8840;62.3430
P42=-51.9550;62.4510
P43=-52.2450;62.8830
P44=-52.4570;63.1880
P45=-52.6000;63.3900
P46=-52.7390;63.5830
P47=-52.9730;63.9010
P48=-53.2410;64.2560
P49=-53.3490;64.3950
P50=-53.5740;64.6820
P51=-53.7890;64.9480
P52=-54.0660;65.2840
P53=-54.1990;65.4400
P54=-54.1430;65.3750
P55=-54.1250;65.3540
P56=-54.1150;65.3410
P57=-54.0990;65.3230
P58=-54.0810;65.3000
P59=-54.2380;65.4870
P60=-54.5180;65.8090
P61=-54.6810;65.9920
P62=-55.0770;66.4250
P63=-55.2100;66.5670
P64=-55.2310;66.5890
P65=-55.2560;66.6150
P66=-55.8820;67.2550
P67=-55.8910;67.2630
P68=-55.9090;67.2820

P69=-55.9490;67.3200
P70=-56.1750;67.5400
P71=-56.1290;67.4970
P72=-56.1110;67.4790
P73=-55.8670;67.2400
P74=-55.8430;67.2160
P75=-55.4470;66.8150
P76=-55.3500;66.7150
P77=-55.3360;66.7000
P78=-54.7880;66.1110
P79=-54.5840;65.8830
P80=-54.2750;65.5300
P81=-54.0190;65.2270
P82=-54.0140;65.2210
P83=-54.0130;65.2190
P84=-53.9550;65.1500
P85=-53.8680;65.0450
P86=-53.7940;64.9550
P87=-53.7030;64.8420
P88=-53.4930;64.5790
P89=-53.4620;64.5400
P90=-53.2530;64.2710
P91=-53.1240;64.1030
P92=-53.0490;64.0030
P93=-52.9110;63.8180
P94=-52.6540;63.4660
P95=-52.4630;63.1960
P96=-52.2270;62.8550
P97=-52.1820;62.7890
P98=-51.9540;62.4500
P99=-51.7360;62.1160
P100=-51.4470;61.6590
P101=-51.3960;61.5760
P102=-51.3760;61.5440
P103=-51.3620;61.5210
P104=-51.0160;60.9460
P105=-50.8890;60.7290
P106=-50.7960;60.5660
P107=-50.6030;60.2260
P108=-50.5200;60.0750
P109=-50.4370;59.9240
P110=-50.2090;59.5000
P111=-50.1590;59.4050
P112=-50.0010;59.1000
P113=-49.8980;58.8970
P114=-49.7670;58.6370
P115=-49.6630;58.4250
P116=-49.6420;58.3830
P117=-49.6330;58.3640
P118=-49.6110;58.3200
P119=-49.3400;57.7510
P120=-49.2490;57.5550
[C23]
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n_point=51
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P2=-71.0070;-12.2280

P3=-70.9850;-11.9790
P4=-70.7630;-11.5760
P5=-70.0400;-11.3170
P6=-69.6070;-11.3360
P7=-68.7570;-11.4450
P8=-68.1260;-11.4710
P9=-67.5810;-11.4450
P10=-66.7260;-11.2160
P11=-66.7910;-10.9990
P12=-67.1830;-10.6250
P13=-67.2860;-10.2940
P14=-67.8910;-9.9170
P15=-68.1290;-9.6550
P16=-68.4630;-9.3610
P17=-68.6300;-9.2520
P18=-69.0000;-8.7010
P19=-69.5650;-8.7140
P20=-70.6870;-8.4910
P21=-70.8400;-8.5130
P22=-70.8180;-9.2180
P23=-70.8480;-9.2960
P24=-71.1950;-9.6130
P25=-71.3160;-9.7640
P26=-71.6200;-9.8570
P27=-72.1460;-10.0640
P28=-72.2980;-10.0650
P29=-73.4920;-9.9400
P30=-73.8010;-9.9390
P31=-74.2150;-9.8680
P32=-74.8820;-9.7820
P33=-75.4060;-9.6710
P34=-76.1520;-9.6040
P35=-76.1850;-9.6070
P36=-76.9170;-9.4940
P37=-77.5580;-9.5920
P38=-77.5310;-9.9990
P39=-77.0450;-10.1820
P40=-76.7080;-10.4400
P41=-76.1970;-10.6400
P42=-75.8740;-10.9300
P43=-75.4230;-11.1700
P44=-74.9220;-11.5890
P45=-74.6470;-11.7210
P46=-74.5030;-11.8630
P47=-73.6780;-12.1720
P48=-73.0860;-12.4350
P49=-72.4230;-12.4750
P50=-71.5720;-12.7250
P51=-71.3020;-12.7530
[C24]
gain=-10.00
n_point=804
P1=-82.4200;7.7490
P2=-82.1170;7.9800
P3=-81.0750;8.1780
P4=-80.4620;8.7120
P5=-79.7590;9.0690

P6=-79.6790;9.1380
P7=-79.5570;9.2290
P8=-79.2140;9.8130
P9=-79.1140;9.9570
P10=-78.9660;10.2050
P11=-78.8040;10.5440
P12=-78.5900;10.8480
P13=-78.1900;11.1460
P14=-77.6370;11.4840
P15=-77.4380;11.6670
P16=-77.2790;11.7630
P17=-76.9660;12.0800
P18=-76.7780;12.2760
P19=-76.3470;12.6780
P20=-76.4480;13.1110
P21=-76.4560;13.1500
P22=-76.5440;13.5710
P23=-76.5520;13.8050
P24=-76.8220;14.1460
P25=-77.0650;14.2800
P26=-77.5310;14.4440
P27=-77.5350;14.7740
P28=-77.5010;15.0610
P29=-77.4880;15.3510
P30=-76.8590;15.7500
P31=-76.0410;16.2340
P32=-75.9380;16.2580
P33=-75.8110;16.3180
P34=-74.8130;16.6480
P35=-74.1670;16.9460
P36=-73.7360;16.7000
P37=-73.4430;16.4010
P38=-73.2650;16.1880
P39=-72.9420;16.0330
P40=-72.3490;16.1430
P41=-71.8570;16.1050
P42=-71.1550;16.1770
P43=-70.7350;16.3170
P44=-69.3150;16.4770
P45=-69.1470;16.5100
P46=-69.0680;16.5260
P47=-68.2410;16.5920
P48=-67.2340;16.7140
P49=-67.0420;16.7260
P50=-66.7630;16.7640
P51=-65.2940;16.9360
P52=-64.6860;17.0200
P53=-63.8640;17.0800
P54=-62.8790;17.0300
P55=-62.2230;17.0960
P56=-60.8510;17.4500
P57=-59.9350;17.8790
P58=-60.2290;18.2260
P59=-60.0770;18.5170
P60=-60.0800;18.8360
P61=-60.2980;18.9320
P62=-60.4180;19.1270

P63=-61.0330;19.4380
P64=-61.3090;19.7460
P65=-61.7030;19.9550
P66=-62.0500;20.2390
P67=-62.4920;20.4260
P68=-62.8800;20.6410
P69=-63.2780;20.8890
P70=-63.7430;21.1170
P71=-64.2420;21.2830
P72=-65.0450;21.5060
P73=-65.4680;21.5710
P74=-65.6730;21.5650
P75=-65.8860;21.5520
P76=-67.5350;21.5240
P77=-67.8560;21.5060
P78=-68.2170;21.5250
P79=-69.6440;21.4050
P80=-69.8670;21.4520
P81=-70.6070;21.7200
P82=-70.4500;22.2050
P83=-69.8940;22.7050
P84=-69.8560;22.7440
P85=-69.3040;23.2430
P86=-68.8980;23.5780
P87=-67.6550;24.2890
P88=-67.6140;24.3220
P89=-67.6060;24.3280
P90=-67.6020;24.3350
P91=-67.5530;24.4060
P92=-67.4210;25.1070
P93=-67.4580;25.3400
P94=-68.0460;25.5750
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P96=-69.1550;25.4730
P97=-70.2980;25.1740
P98=-70.7510;25.0000
P99=-71.0830;24.9310
P100=-71.2030;25.0210
P101=-71.2190;25.1210
P102=-71.5730;25.5720
P103=-71.5730;25.6780
P104=-71.6540;26.1010
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P108=-71.5710;27.1220
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P110=-71.5450;27.6970
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P112=-71.5270;28.4080
P113=-71.7990;28.6270
P114=-72.0980;28.8720
P115=-72.3710;29.1400
P116=-72.5900;29.3680
P117=-72.9520;29.4410
P118=-73.4920;29.6840
P119=-74.0380;30.0820

P120=-74.0660;30.1390
P121=-74.1120;30.2010
P122=-74.4740;30.6640
P123=-74.6210;31.1070
P124=-74.2540;31.4680
P125=-73.8920;31.9210
P126=-73.5030;32.2660
P127=-72.5550;32.8220
P128=-71.5960;33.2900
P129=-71.0720;33.5470
P130=-70.9910;33.6380
P131=-70.4640;34.4370
P132=-70.1540;34.7430
P133=-70.2950;35.2010
P134=-70.1040;35.5180
P135=-69.9610;35.9050
P136=-69.7780;36.0960
P137=-68.7170;37.1640
P138=-68.6990;37.1810
P139=-68.6610;37.2030
P140=-66.6240;38.3000
P141=-65.9810;38.6190
P142=-65.3360;39.0170
P143=-64.1840;39.5910
P144=-63.2410;40.1060
P145=-62.7850;40.4750
P146=-61.2510;41.2750
P147=-60.6390;41.6270
P148=-60.1820;41.8670
P149=-57.0350;43.2720
P150=-56.9290;43.3140
P151=-56.6680;43.3840
P152=-45.4170;45.8210
P153=-45.4100;45.7910
P154=-45.4160;45.8160
P155=-45.3910;45.7080
P156=-45.3660;45.5950
P157=-45.3630;45.5810
P158=-45.4270;45.8640
P159=-45.5280;46.3010
P160=-45.5750;46.4980
P161=-45.5970;46.5940
P162=-45.7310;47.1450
P163=-45.8190;47.5030
P164=-45.8920;47.7930
P165=-46.0430;48.3760
P166=-46.0620;48.4460
P167=-46.0690;48.4720
P168=-46.0800;48.5170
P169=-46.1730;48.8630
P170=-46.2330;49.0840
P171=-46.2410;49.1150
P172=-46.2500;49.1460
P173=-46.2590;49.1790
P174=-46.3220;49.4080
P175=-46.4280;49.7840
P176=-46.5770;50.2980

P177=-46.6110;50.4160
P178=-46.7080;50.7410
P179=-46.7920;51.0180
P180=-46.8340;51.1560
P181=-46.9900;51.6560
P182=-47.1340;52.1030
P183=-47.1980;52.2970
P184=-47.3980;52.8940
P185=-47.4290;52.9840
P186=-47.4350;53.0020
P187=-47.4410;53.0190
P188=-47.6790;53.6970
P189=-47.7150;53.7960
P190=-47.7590;53.9180
P191=-47.9450;54.4220
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P193=-48.1330;54.9150
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P195=-48.3590;55.4870
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P197=-54.6300;55.0550
P198=-57.3000;54.9060
P199=-63.0910;53.7790
P200=-67.2750;52.4510
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P202=-69.1690;51.9400
P203=-70.8330;51.5310
P204=-72.1080;51.3090
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P207=-73.0440;51.7890
P208=-71.6140;52.7480
P209=-71.4510;52.8350
P210=-70.1500;53.8100
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P212=-70.9300;53.8090
P213=-71.0980;53.8260
P214=-72.8320;53.9010
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P217=-74.3590;54.1460
P218=-74.9280;54.4980
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P220=-75.6250;54.9490
P221=-75.8940;55.1770
P222=-75.8820;55.3870
P223=-76.5700;55.5450
P224=-76.7850;55.6550
P225=-77.7550;55.7470
P226=-78.6870;55.7450
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P237=-88.3880;54.2750
P238=-88.7690;54.6570
P239=-89.1720;54.8060
P240=-89.5460;55.0130
P241=-89.7250;55.0820
P242=-90.0010;55.3000
P243=-89.8550;55.9530
P244=-90.0640;56.3780
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P253=-93.7130;57.8020
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P256=-94.9510;58.9170
P257=-95.0300;59.1620
P258=-95.0460;59.3830
P259=-94.9540;60.2940
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P261=-94.6290;61.5860
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P263=-95.1740;61.9830
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P265=-96.1960;62.4740
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P286=-107.5770;57.8330
P287=-107.6220;58.0170
P288=-107.5360;58.6430
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P293=-108.0770;60.3700
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P299=-111.9810;60.4190
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P307=-116.7290;62.5550
P308=-116.7850;62.6440
P309=-116.8900;62.5700
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P311=-118.3530;61.6520
P312=-118.9370;61.3400
P313=-119.8940;61.0630
P314=-119.9090;61.0650
P315=-120.8410;60.9030
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P320=-123.8410;61.3400
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P365=-147.9850;70.3910
P366=-148.0750;70.3100
P367=-148.0220;70.2140
P368=-148.1270;70.1080
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P373=-147.9340;65.9930
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P375=-146.2280;63.6870
P376=-145.9360;63.1340
P377=-145.7970;62.1400
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P379=-146.3640;61.2520
P380=-146.7850;60.6170
P381=-146.9290;60.3980
P382=-147.0620;60.3290
P383=-147.3350;60.1090
P384=-148.3520;60.0990
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P386=-147.7250;58.5800
P387=-147.4830;58.3720
P388=-147.3840;58.3180
P389=-147.2250;58.1730
P390=-145.6210;56.7270
P391=-145.0630;56.1310
P392=-144.0240;55.5970
P393=-143.3590;55.1750
P394=-142.4400;54.9620
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P396=-141.3930;54.6230
P397=-140.8210;54.9910
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P706=-94.6630;23.2920
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P708=-93.8620;23.1740
P709=-93.7950;23.1580
P710=-93.6150;23.1020
P711=-93.0060;22.9620
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P738=-86.0620;18.8100
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P741=-85.0030;19.0300
P742=-84.6060;19.0900
P743=-84.1290;19.1230
P744=-83.8220;19.1660
P745=-83.2910;19.2000
P746=-82.8800;19.1360

P747=-82.3570;19.0810
P748=-82.0380;19.0380
P749=-81.8630;18.9970
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P760=-82.0340;16.3830
P761=-82.3900;16.1060
P762=-82.7310;15.8210
P763=-83.2040;15.5380
P764=-83.5980;15.4270
P765=-84.5250;15.1690
P766=-84.5620;15.1590
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P769=-85.7630;15.0860
P770=-85.7990;15.0800
P771=-85.9960;14.9780
P772=-86.9860;15.0790
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P774=-86.7530;14.1970
P775=-86.4260;13.9450
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P780=-84.8100;13.4880
P781=-84.7520;13.3610
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P783=-84.6100;12.8610
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P791=-84.0370;10.7420
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P794=-84.6990;9.0120
P795=-84.7000;8.9930
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P798=-84.5430;8.8870
P799=-83.9720;8.6790
P800=-83.5450;8.4900
P801=-83.4170;8.2610
P802=-83.2910;8.1480
P803=-82.8110;7.8710

P804=-82.4200;7.7490
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P2=-106.7660;-17.2490
P3=-106.5720;-17.1400
P4=-106.2910;-16.8770
P5=-106.0240;-16.7900
P6=-105.7210;-16.5900
P7=-105.1890;-16.2860
P8=-105.7460;-15.9200
P9=-106.1320;-15.7500
P10=-106.4940;-15.7410
P11=-106.6660;-15.7440
P12=-107.0320;-15.7360
P13=-107.3660;-15.6990
P14=-107.8210;-15.4950
P15=-107.9490;-15.4690
P16=-108.0190;-15.4360
P17=-108.0320;-15.3690
P18=-108.4670;-14.9620
P19=-108.4900;-14.8830
P20=-108.6870;-14.4970
P21=-108.8520;-14.4310
P22=-108.9200;-14.3920
P23=-109.0740;-14.3440
P24=-109.5430;-14.2270
P25=-109.8140;-14.1270
P26=-110.1840;-14.1150
P27=-110.3240;-14.1220
P28=-110.6840;-14.1090
P29=-110.9950;-14.1600
P30=-111.3510;-14.2810
P31=-111.5360;-14.3230
P32=-111.6620;-14.3380
P33=-111.9630;-14.4620
P34=-112.2090;-14.6300
P35=-112.3720;-14.7640
P36=-112.7650;-14.9140
P37=-113.0460;-15.3150
P38=-112.6960;-15.6990
P39=-112.6240;-15.8650
P40=-112.4420;-16.1870
P41=-112.3620;-16.2720
P42=-112.2720;-16.3530
P43=-111.9770;-16.4790
P44=-111.7730;-16.5810
P45=-111.3750;-16.7100
P46=-110.8980;-16.6800
P47=-110.5020;-16.6560
P48=-110.0660;-16.6450
P49=-110.0550;-16.6410
P50=-109.6230;-16.6180
P51=-109.2480;-16.7360
P52=-108.9260;-17.1030
P53=-108.7360;-17.1530

P54=-108.6860;-17.1760
P55=-108.5790;-17.2100
P56=-107.9910;-17.3280
P57=-107.7660;-17.4270
P58=-107.4810;-17.4050
P59=-107.0780;-17.3300
P60=-106.8750;-17.3110
[C26]
gain=-20.00
n_point=11
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P2=-42.4497;24.4238
P3=-42.4614;24.5754
P4=-42.4732;24.7269
P5=-42.4851;24.8785
P6=-42.4969;25.0301
P7=-42.5089;25.1815
P8=-42.5211;25.3330
P9=-42.5333;25.4850
P10=-42.5455;25.6365
P11=-42.5577;25.7869
[C27]
gain=-15.00
n_point=152
P1=171.6734;68.6616
P2=173.5188;68.6113
P3=175.3626;68.5327
P4=177.2048;68.4257
P5=179.0455;68.2904
P6=-179.1154;68.1267
P7=-177.2778;67.9347
P8=-175.4419;67.7144
P9=-173.6075;67.4657
P10=-171.7746;67.1887
P11=-169.9434;66.8834
P12=-168.1196;66.5363
P13=-166.3508;66.0418
P14=-164.6471;65.3770
P15=-163.0085;64.5419
P16=-161.4349;63.5366
P17=-159.9140;62.3987
P18=-158.3772;61.3360
P19=-156.8141;60.3801
P20=-155.2245;59.5311
P21=-153.6105;58.7750
P22=-151.9946;57.9519
P23=-150.3832;57.0162
P24=-148.7764;55.9680
P25=-147.1747;54.8161
P26=-145.5938;53.7661
P27=-144.0400;52.9033
P28=-142.5133;52.2279
P29=-141.0069;51.7361
P30=-139.3639;51.3466
P31=-137.5188;51.0251
P32=-135.4714;50.7717
P33=-133.4187;50.4739

P34=-132.1523;49.6789
P35=-131.7554;48.3392
P36=-132.2018;46.5004
P37=-133.0719;44.8963
P38=-134.2190;43.7830
P39=-135.6432;43.1606
P40=-136.6577;42.5873
P41=-136.4365;41.5317
P42=-135.0027;40.0026
P43=-133.5368;38.4628
P44=-132.6872;37.1667
P45=-132.3597;36.1216
P46=-131.4398;35.4134
P47=-129.6046;35.0672
P48=-127.5485;34.6688
P49=-126.3604;33.5685
P50=-125.9783;31.8102
P51=-125.0126;30.3473
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P56=-121.9150;27.0572
P57=-122.3000;25.3936
P58=-122.1145;23.4779
P59=-121.4339;22.4791
P60=-120.2639;22.4826
P61=-119.1325;23.2193
P62=-118.7215;24.3414
P63=-118.8141;25.6136
P64=-118.2344;25.7844
P65=-116.8159;24.6795
P66=-115.1961;23.2900
P67=-113.7891;22.2586
P68=-112.5419;21.5438
P69=-111.1151;20.8780
P70=-109.4481;20.2136
P71=-107.7342;19.4459
P72=-106.2897;18.4037
P73=-105.0882;17.1135
P74=-103.8882;15.8005
P75=-102.6384;14.5128
P76=-101.3000;13.4336
P77=-99.8219;12.8047
P78=-98.2139;12.5658
P79=-96.5931;11.9889
P80=-95.0185;10.8703
P81=-94.2477;9.4277
P82=-94.6369;7.7636
P83=-95.7114;5.9970
P84=-95.6657;4.5803
P85=-94.3267;3.5578
P86=-92.4881;3.0496
P87=-90.7851;3.1515
P88=-89.2188;3.8545
P89=-87.8423;4.6881
P90=-86.6854;5.3891

P91=-85.5290;5.8731
P92=-83.8944;5.9557
P93=-81.8230;5.7048
P94=-80.0090;6.0074
P95=-78.6543;7.1213
P96=-77.6167;8.7653
P97=-76.5412;10.2365
P98=-75.4103;11.5021
P99=-74.1255;12.6609
P100=-72.6144;13.7850
P101=-70.9180;14.8082
P102=-69.2711;15.3505
P103=-67.7112;15.3515
P104=-66.2675;14.8922
P105=-64.9982;14.1319
P106=-63.9046;13.0747
P107=-62.7948;12.1494
P108=-61.3678;12.0272
P109=-59.6344;12.6799
P110=-57.8005;13.5878
P111=-55.9334;14.5806
P112=-54.1459;15.6662
P113=-53.3063;16.9050
P114=-53.5969;18.3095
P115=-54.4742;19.7469
P116=-54.5904;20.8872
P117=-53.8820;21.7151
P118=-52.5836;22.3241
P119=-50.9569;22.8189
P120=-49.0176;23.1911
P121=-46.9622;23.3361
P122=-44.8516;23.2244
P123=-43.2488;23.4661
P124=-42.6004;24.5023
P125=-42.9068;25.4223
P126=-44.1683;25.8584
P127=-46.2797;25.8603
P128=-48.4052;25.8238
P129=-50.3645;25.8343
P130=-52.1661;25.8938
P131=-53.8855;26.0206
P132=-55.5411;26.2191
P133=-57.2942;26.1638
P134=-59.3041;25.5326
P135=-61.4918;24.4227
P136=-63.0844;23.7827
P137=-63.8861;23.8527
P138=-63.9091;24.5811
P139=-63.2818;25.4213
P140=-62.0384;26.2268
P141=-60.1817;26.9976
P142=-58.1834;27.6848
P143=-56.3940;28.2523
P144=-54.8124;28.7001
P145=-53.2242;29.0508
P146=-51.4667;29.3213
P147=-49.5447;29.5108

P148=-47.6014;29.5957
P149=-45.7035;29.5650
P150=-43.9869;29.6259
P151=-43.0288;30.6572
P152=-43.0233;30.7408
[C28]
gain=-6.00
n_point=135
P1=-47.2561;52.4625
P2=-48.3463;53.2440
P3=-49.8478;53.5712
P4=-51.4608;53.2827
P5=-53.0873;52.9509
P6=-54.6943;52.7680
P7=-56.2842;52.7130
P8=-57.8761;52.6123
P9=-59.4743;52.4269
P10=-61.0749;52.1819
P11=-62.6680;51.9372
P12=-64.2531;51.6920
P13=-65.8281;51.3959
P14=-67.3922;51.0330
P15=-68.9472;50.6146
P16=-70.4953;50.1538
P17=-72.0294;49.6565
P18=-73.5366;49.1340
P19=-75.0327;48.6042
P20=-76.5863;48.1413
P21=-78.2048;47.7537
P22=-79.7446;47.6378
P23=-80.7489;48.4198
P24=-81.4157;49.8228
P25=-82.4772;50.8263
P26=-83.9719;51.3570
P27=-85.6181;51.4406
P28=-87.3098;51.0869
P29=-88.9500;50.6148
P30=-90.3246;50.7303
P31=-91.4471;51.4312
P32=-92.8230;52.0611
P33=-94.5979;52.3231
P34=-96.0501;52.0168
P35=-96.9865;51.0888
P36=-97.1970;49.9174
P37=-96.3110;49.1710
P38=-94.7677;48.6103
P39=-94.1636;47.3348
P40=-94.2590;45.6340
P41=-93.4911;45.0213
P42=-91.9336;45.5349
P43=-90.7188;46.5918
P44=-89.7378;47.7275
P45=-88.4684;48.1351
P46=-86.8946;47.7899
P47=-85.2898;47.0187
P48=-83.9986;46.2282
P49=-83.0508;45.1813

P50=-82.4939;43.7795
P51=-82.7152;42.4316
P52=-83.7961;41.2496
P53=-84.9712;40.0198
P54=-85.9212;38.6528
P55=-86.9301;37.6790
P56=-88.3887;37.8285
P57=-89.9988;38.5979
P58=-91.3260;39.1536
P59=-92.8575;38.7714
P60=-94.5449;37.7447
P61=-95.8029;37.5235
P62=-96.6098;38.1573
P63=-97.0371;39.4351
P64=-97.3454;41.0346
P65=-98.1567;42.2449
P66=-98.7814;43.4580
P67=-98.6807;44.9991
P68=-99.3829;46.0464
P69=-101.2402;46.3718
P70=-103.0266;46.3358
P71=-104.5223;46.0562
P72=-105.9976;45.8285
P73=-107.5049;45.7101
P74=-109.0837;45.4693
P75=-110.7705;44.8934
P76=-112.0373;44.1613
P77=-111.4518;43.7588
P78=-109.9711;43.3829
P79=-108.9823;42.5922
P80=-108.7264;41.4859
P81=-109.6224;40.2458
P82=-111.0548;39.0850
P83=-112.4365;38.2002
P84=-113.8399;37.6535
P85=-115.4133;37.5737
P86=-116.9828;37.8721
P87=-118.4762;38.4111
P88=-119.9789;38.3077
P89=-121.4306;37.4079
P90=-122.2892;36.1177
P91=-122.4777;34.5545
P92=-122.1618;33.0220
P93=-121.3820;31.6254
P94=-120.1731;30.5693
P95=-118.6481;30.0206
P96=-117.0710;30.3052
P97=-115.5246;30.6514
P98=-114.0400;30.6066
P99=-112.5776;30.0700
P100=-111.0838;29.5701
P101=-109.4883;29.8962
P102=-107.9858;30.6459
P103=-106.7313;31.5168
P104=-105.7792;32.7570
P105=-104.9359;34.1443
P106=-103.6413;34.8653

P107=-101.9993;35.0715
P108=-100.1993;35.0208
P109=-99.0764;34.3486
P110=-99.1619;32.8382
P111=-100.0396;31.5561
P112=-101.4577;31.0749
P113=-103.1386;30.8733
P114=-104.8003;30.6518
P115=-105.1962;29.6463
P116=-104.3265;28.2198
P117=-102.9012;27.8909
P118=-101.2027;27.9435
P119=-99.4121;27.7944
P120=-98.3667;26.9331
P121=-98.1463;25.3878
P122=-97.0988;24.5026
P123=-95.5808;24.3003
P124=-93.9522;24.6336
P125=-92.3367;24.5386
P126=-90.7697;24.0854
P127=-89.2282;24.5256
P128=-87.7177;24.9532
P129=-86.2511;24.7610
P130=-85.0622;23.9157
P131=-84.1279;22.5919
P132=-82.7551;21.8065
P133=-81.0468;21.6357
P134=-79.5299;21.8900
P135=-47.2561;52.4625

[C29]

gain=-20.00

n_point=311

P1=167.8683;64.7557
P2=169.2600;65.2354
P3=170.6604;65.6584
P4=172.0695;66.0247
P5=173.4873;66.3343
P6=174.9138;66.5871
P7=176.3490;66.7832
P8=177.7928;66.9225
P9=179.2453;67.0051
P10=-179.2943;67.0306
P11=-177.8372;66.9931
P12=-176.3863;66.8913
P13=-174.9417;66.7250
P14=-173.5034;66.4942
P15=-172.0762;66.2033
P16=-170.6650;65.8570
P17=-169.2698;65.4551
P18=-167.8905;64.9977
P19=-166.5272;64.4874
P20=-165.1792;63.9400
P21=-163.8466;63.3582
P22=-162.5292;62.7421
P23=-161.2271;62.0916
P24=-159.9404;61.4082
P25=-158.6688;60.6996

P26=-157.4124;59.9666
P27=-156.1713;59.2093
P28=-154.9453;58.4278
P29=-153.7346;57.6219
P30=-152.5325;56.8024
P31=-151.3300;55.9836
P32=-150.1273;55.1656
P33=-148.9242;54.3484
P34=-147.7208;53.5319
P35=-146.4951;52.7618
P36=-145.2107;52.1130
P37=-143.8671;51.5867
P38=-142.4644;51.1830
P39=-141.0024;50.9017
P40=-139.4904;50.7245
P41=-138.0666;50.3726
P42=-136.7772;49.7522
P43=-135.6224;48.8635
P44=-134.6066;47.7090
P45=-134.1667;46.5511
P46=-134.5926;45.5635
P47=-135.8770;44.7448
P48=-137.3886;43.9783
P49=-138.7203;43.1886
P50=-139.8721;42.3757
P51=-140.8692;41.5101
P52=-141.8117;40.4755
P53=-142.7099;39.2601
P54=-143.4295;37.8940
P55=-143.6600;36.4467
P56=-143.3891;34.9211
P57=-142.7161;33.6228
P58=-141.8284;33.1277
P59=-140.7303;33.4493
P60=-139.4532;34.4887
P61=-138.2142;35.5636
P62=-137.0545;36.5440
P63=-135.9772;37.4215
P64=-135.1780;37.6624
P65=-134.7739;36.9479
P66=-134.7797;35.3464
P67=-135.3876;33.7523
P68=-136.6570;32.4412
P69=-137.9717;31.3737
P70=-138.5200;30.4982
P71=-138.3011;29.8159
P72=-137.5855;29.4554
P73=-136.5484;29.5001
P74=-135.1899;29.9500
P75=-133.5379;30.7659
P76=-131.9246;31.4859
P77=-130.4457;31.9765
P78=-129.1014;32.2377
P79=-127.9020;32.2318
P80=-126.9295;31.6659
P81=-126.2014;30.4777
P82=-125.6128;28.9280

P83=-124.9834;27.4656
P84=-124.3099;26.0985
P85=-123.6470;24.8059
P86=-123.1444;23.5312
P87=-122.8108;22.2713
P88=-122.7450;21.2699
P89=-123.3040;21.4092
P90=-124.4178;22.5615
P91=-125.6351;23.8122
P92=-126.9023;25.0528
P93=-128.1776;26.2048
P94=-129.1797;26.7421
P95=-129.8565;26.5675
P96=-130.1399;25.8092
P97=-129.8859;24.7377
P98=-129.0899;23.3618
P99=-127.9500;21.9771
P100=-126.7230;20.9667
P101=-125.4137;20.3261
P102=-124.3020;19.6001
P103=-123.5615;18.5061
P104=-123.1923;17.0442
P105=-123.0727;15.3658
P106=-122.5857;14.2381
P107=-121.6454;13.7682
P108=-120.2936;13.9132
P109=-118.8770;14.3172
P110=-117.4730;14.9008
P111=-116.0817;15.6094
P112=-114.7034;15.9674
P113=-113.3385;15.8646
P114=-111.9868;15.3010
P115=-110.6583;14.5197
P116=-109.3676;13.8678
P117=-108.1167;13.3501
P118=-107.2997;13.4345
P119=-107.2121;14.4713
P120=-107.7981;16.2870
P121=-108.6754;17.6972
P122=-109.7720;18.4781
P123=-111.0862;18.6318
P124=-112.4576;18.3786
P125=-113.7789;17.8660
P126=-115.0545;17.1170
P127=-116.4117;16.7983
P128=-117.9089;17.2169
P129=-119.4753;18.3113
P130=-120.0827;19.1924
P131=-119.3925;19.5674
P132=-117.9993;19.6809
P133=-116.5602;19.8029
P134=-115.0756;19.9337
P135=-113.5569;20.0521
P136=-112.0903;20.0015
P137=-110.6935;19.7497
P138=-109.3665;19.2967
P139=-108.0825;18.6770

P140=-106.8001;17.9439
P141=-105.5188;17.0981
P142=-104.3901;16.1119
P143=-103.5593;14.9589
P144=-103.0270;13.6398
P145=-103.0410;12.4558
P146=-103.8052;11.6545
P147=-105.3023;11.2272
P148=-106.9481;10.8782
P149=-108.4547;10.4617
P150=-109.8460;10.0753
P151=-111.1892;9.9947
P152=-112.4883;10.2367
P153=-113.8353;10.6303
P154=-115.4047;10.8518
P155=-117.2005;10.8934
P156=-118.7782;10.7118
P157=-119.6632;10.2607
P158=-119.8554;9.5400
P159=-119.3830;8.6385
P160=-118.4484;8.1951
P161=-117.0917;8.3358
P162=-115.3565;8.9823
P163=-113.7467;9.2301
P164=-112.4054;8.8217
P165=-111.2372;7.9671
P166=-109.9791;7.2440
P167=-108.6199;6.6911
P168=-107.2094;6.3764
P169=-105.7630;6.3209
P170=-104.2995;6.3709
P171=-102.8528;6.2522
P172=-101.4260;5.9583
P173=-100.0637;5.4742
P174=-98.7816;4.7944
P175=-97.5621;3.9832
P176=-96.3784;3.1373
P177=-95.2292;2.2570
P178=-94.1058;1.3353
P179=-93.0062;0.3707
P180=-91.9457;-0.6340
P181=-90.9446;-1.6754
P182=-89.9969;-2.7520
P183=-89.0435;-3.8490
P184=-88.0694;-4.9628
P185=-87.0712;-6.0779
P186=-86.0132;-7.0347
P187=-84.8862;-7.7915
P188=-83.5963;-8.3589
P189=-82.0515;-8.7473
P190=-80.2859;-8.9451
P191=-79.1230;-8.6774
P192=-78.9135;-7.8268
P193=-79.5413;-6.4941
P194=-80.3629;-5.2375
P195=-81.2793;-4.1425
P196=-82.2672;-3.1442

P197=-83.2541;-2.0440
P198=-84.2351;-0.8279
P199=-85.0013;0.4596
P200=-85.1552;1.7340
P201=-84.6873;2.9931
P202=-83.6290;4.2032
P203=-82.3780;4.9367
P204=-81.0546;5.0642
P205=-79.6747;4.6289
P206=-78.3630;3.9709
P207=-77.1461;3.1630
P208=-75.9636;2.3348
P209=-74.6298;1.8841
P210=-73.1396;1.8179
P211=-71.6518;1.7306
P212=-70.2280;1.4649
P213=-68.8532;1.0490
P214=-67.4900;0.5548
P215=-66.1363;-0.0132
P216=-64.7835;-0.5694
P217=-63.4260;-1.0565
P218=-62.0579;-1.4766
P219=-60.6440;-1.8426
P220=-59.1780;-2.1567
P221=-57.7134;-2.4291
P222=-56.3221;-2.6734
P223=-55.0025;-2.8891
P224=-53.6036;-3.0418
P225=-52.0274;-3.1094
P226=-50.3011;-3.0805
P227=-48.8573;-2.7756
P228=-47.8464;-2.1325
P229=-47.2688;-1.1518
P230=-47.3882;-0.2597
P231=-48.4295;0.1801
P232=-50.2044;0.2640
P233=-51.8964;0.4089
P234=-53.4108;0.6632
P235=-54.7476;1.0272
P236=-55.9294;1.5884
P237=-56.9744;2.4179
P238=-57.8827;3.5158
P239=-58.7439;4.7626
P240=-59.7278;5.9329
P241=-60.8380;7.0187
P242=-62.0505;7.7908
P243=-63.3499;8.1018
P244=-64.7363;7.9515
P245=-66.1014;7.4679
P246=-67.3323;6.7849
P247=-68.4301;5.9040
P248=-69.6120;5.0931
P249=-71.0373;4.5487
P250=-72.6516;4.2947
P251=-74.0473;4.5106
P252=-75.1408;5.2333
P253=-75.9166;6.4273

P254=-76.2142;7.7255
P255=-75.9913;9.0311
P256=-75.2882;10.3199
P257=-74.2676;11.4931
P258=-72.9472;12.5404
P259=-71.5680;13.3284
P260=-70.3966;13.7099
P261=-69.4333;13.6848
P262=-68.6253;13.2496
P263=-67.8816;12.3985
P264=-67.0867;11.3802
P265=-65.9959;10.7293
P266=-64.6010;10.4639
P267=-62.9501;10.5199
P268=-61.3755;10.4550
P269=-59.9406;10.1849
P270=-58.6190;9.7449
P271=-57.2634;9.3318
P272=-55.8510;8.9762
P273=-54.3999;8.7206
P274=-52.9250;8.6009
P275=-51.4355;8.6072
P276=-49.9975;8.6675
P277=-48.6244;8.7675
P278=-47.2671;8.9330
P279=-45.7473;9.2581
P280=-44.0484;9.7515
P281=-42.8100;10.2926
P282=-42.8039;10.7353
P283=-44.0057;11.0793
P284=-45.5735;11.3172
P285=-47.1027;11.4454
P286=-48.5932;11.4651
P287=-50.0334;11.5800
P288=-51.4150;11.9383
P289=-52.7278;12.5380
P290=-53.3812;13.2605
P291=-53.0312;14.0371
P292=-51.6991;14.8596
P293=-50.0609;15.4685
P294=-48.4405;15.7398
P295=-46.8467;15.6916
P296=-45.4419;15.6525
P297=-44.2866;15.7452
P298=-43.3849;15.9693
P299=-43.2678;16.2805
P300=-44.3081;16.6475
P301=-45.9729;17.2200
P302=-47.4278;18.2317
P303=-48.6078;19.5596
P304=-49.2381;20.5741
P305=-49.2810;21.1891
P306=-48.8317;21.5396
P307=-48.0600;21.8666
P308=-46.9692;22.1746
P309=-45.5595;22.4639
P310=-43.8306;22.7343

P311=-42.3403;22.9200
[C30]
gain=-20.00
n_point=65
P1=155.8809;2.9514
P2=156.3093;3.2803
P3=156.8517;3.2886
P4=157.3857;3.3318
P5=157.9219;3.3661
P6=158.4574;3.4031
P7=158.9933;3.4385
P8=159.5289;3.4742
P9=160.0647;3.5095
P10=160.6005;3.5441
P11=161.1363;3.5789
P12=161.6711;3.6270
P13=162.2055;3.6788
P14=162.7410;3.7179
P15=163.2770;3.7496
P16=163.8130;3.7813
P17=164.3488;3.8151
P18=164.8846;3.8501
P19=165.4204;3.8849
P20=165.9560;3.9225
P21=166.4906;3.9740
P22=167.0231;4.0379
P23=167.5579;4.1010
P24=168.0887;4.1541
P25=168.6303;4.1959
P26=169.1456;4.3082
P27=169.6437;4.5425
P28=170.0068;4.9197
P29=170.3177;5.3722
P30=170.6873;5.7322
P31=171.2026;5.9981
P32=171.3735;6.4354
P33=170.9415;6.7244
P34=170.4278;6.8942
P35=169.8981;6.9731
P36=169.3609;6.9792
P37=168.8252;6.9450
P38=168.2896;6.9059
P39=167.7529;6.8945
P40=167.2160;6.9067
P41=166.6793;6.9203
P42=166.1424;6.9223
P43=165.6057;6.9072
P44=165.0692;6.8864
P45=164.5327;6.8655
P46=163.9961;6.8452
P47=163.4592;6.8409
P48=162.9223;6.8469
P49=162.3854;6.8514
P50=161.8485;6.8547
P51=161.3116;6.8573
P52=160.7746;6.8594
P53=160.2380;6.8609

P54=159.7002;6.8617
P55=159.1650;6.8622
P56=158.6254;6.8614
P57=158.0913;6.8588
P58=157.5538;6.8514
P59=157.0115;6.8410
P60=156.4915;6.8337
P61=155.9774;6.6723
P62=155.8409;6.1506
P63=155.8373;5.6143
P64=155.8246;5.1655
P65=155.8809;2.9514