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long_nom=-95.000
n_diag=1

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emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=11

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gain=0.00
p=-119.210;45.699

[C1]
gain=-2
n_point=39
p1=-121.247;50.841
p2=-119.921;50.380
p3=-118.449;49.647
p4=-118.346;49.584
p5=-116.819;48.465
p6=-116.812;48.459
p7=-115.804;47.413
p8=-115.073;46.408
p9=-114.585;45.443
p10=-114.317;44.512
p11=-114.257;43.613
p12=-114.376;42.884
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p14=-114.885;41.975
p15=-114.952;41.910
p16=-115.546;41.494
p17=-116.289;41.236
p18=-117.112;41.176
p19=-118.022;41.310
p20=-119.038;41.646
p21=-120.153;42.186
p22=-120.186;42.204
p23=-121.533;43.134
p24=-121.604;43.192
p25=-122.591;44.086
p26=-123.492;45.052
p27=-124.242;46.033
p28=-124.831;47.027
p29=-125.243;48.036
p30=-125.450;49.057
p31=-125.449;49.134
p32=-125.225;50.076
p33=-125.167;50.182

p34=-124.504;50.755
p35=-123.703;51.024
p36=-123.617;51.047
p37=-122.526;51.063
p38=-121.295;50.856
p39=-121.247;50.841

[C2]

gain=-4
n_point=55
p1=-123.000;53.218
p2=-121.600;52.837
p3=-120.076;52.255
p4=-119.117;51.792
p5=-118.483;51.453
p6=-117.095;50.565
p7=-116.820;50.363
p8=-115.693;49.425
p9=-115.021;48.757
p10=-114.641;48.344
p11=-113.854;47.311
p12=-113.264;46.318
p13=-112.845;45.359
p14=-112.581;44.431
p15=-112.464;43.531
p16=-112.491;42.657
p17=-112.532;42.436
p18=-112.699;41.809
p19=-112.965;41.235
p20=-113.123;40.986
p21=-113.541;40.503
p22=-113.927;40.196
p23=-114.193;40.021
p24=-114.902;39.722
p25=-115.660;39.562
p26=-116.468;39.533
p27=-117.333;39.633
p28=-118.262;39.865
p29=-119.273;40.242
p30=-119.783;40.487
p31=-120.397;40.808
p32=-121.370;41.410
p33=-121.692;41.632
p34=-122.620;42.336
p35=-123.328;42.941
p36=-123.702;43.274
p37=-124.656;44.226
p38=-125.523;45.196
p39=-126.303;46.185
p40=-126.995;47.193
p41=-127.587;48.221
p42=-128.063;49.269
p43=-128.224;49.782
p44=-128.365;50.335
p45=-128.428;51.298
p46=-128.416;51.413
p47=-128.125;52.254

p48=-127.944;52.483
p49=-127.510;52.888
p50=-126.654;53.276
p51=-125.703;53.439
p52=-125.604;53.454
p53=-124.389;53.432
p54=-123.048;53.230
p55=-123.000;53.218

[C3]

gain=-6
n_point=69
p1=-121.883;54.320
p2=-121.462;54.177
p3=-119.796;53.466
p4=-118.705;52.902
p5=-118.095;52.558
p6=-116.683;51.634
p7=-116.357;51.395
p8=-115.210;50.454
p9=-114.549;49.822
p10=-114.078;49.336
p11=-113.199;48.270
p12=-112.514;47.246
p13=-112.476;47.176
p14=-111.994;46.259
p15=-111.615;45.304
p16=-111.364;44.379
p17=-111.263;43.700
p18=-111.233;43.479
p19=-111.224;42.605
p20=-111.339;41.753
p21=-111.412;41.489
p22=-111.607;40.925
p23=-111.888;40.378
p24=-112.061;40.119
p25=-112.466;39.639
p26=-112.810;39.339
p27=-113.102;39.120
p28=-113.783;38.761
p29=-114.258;38.603
p30=-114.501;38.528
p31=-115.257;38.407
p32=-116.053;38.390
p33=-116.891;38.474
p34=-117.780;38.664
p35=-118.164;38.785
p36=-118.730;38.970
p37=-119.758;39.408
p38=-120.327;39.701
p39=-120.893;40.014
p40=-121.833;40.605
p41=-122.186;40.848
p42=-123.086;41.516
p43=-123.762;42.069
p44=-124.199;42.439
p45=-125.211;43.377

p46=-126.128;44.310
p47=-126.151;44.333
p48=-127.027;45.308
p49=-127.846;46.304
p50=-128.609;47.322
p51=-129.309;48.363
p52=-129.397;48.517
p53=-129.929;49.429
p54=-130.450;50.518
p55=-130.657;51.098
p56=-130.823;51.630
p57=-130.971;52.602
p58=-130.973;52.760
p59=-130.818;53.648
p60=-130.694;53.891
p61=-130.334;54.397
p62=-129.580;54.913
p63=-129.403;54.972
p64=-128.593;55.220
p65=-127.415;55.343
p66=-126.082;55.294
p67=-124.626;55.083
p68=-123.078;54.711
p69=-121.883;54.320

[C4]

gain=-8
n_point=77
p1=-122.313;55.597
p2=-120.985;55.085
p3=-119.205;54.247
p4=-118.937;54.102
p5=-117.413;53.213
p6=-116.753;52.774
p7=-115.609;51.929
p8=-115.133;51.542
p9=-113.881;50.380
p10=-113.770;50.262
p11=-112.893;49.276
p12=-112.109;48.217
p13=-111.707;47.560
p14=-111.492;47.200
p15=-111.015;46.216
p16=-110.663;45.265
p17=-110.425;44.341
p18=-110.293;43.443
p19=-110.285;43.244
p20=-110.264;42.568
p21=-110.342;41.715
p22=-110.486;41.078
p23=-110.538;40.884
p24=-110.872;40.073
p25=-110.961;39.913
p26=-111.389;39.284
p27=-111.527;39.118
p28=-112.146;38.541
p29=-112.177;38.518

p30=-112.803;38.119
p31=-113.493;37.820
p32=-113.596;37.792
p33=-114.213;37.624
p34=-114.965;37.522
p35=-115.749;37.510
p36=-116.570;37.586
p37=-117.434;37.754
p38=-118.293;38.004
p39=-118.349;38.020
p40=-119.325;38.394
p41=-120.381;38.896
p42=-120.392;38.902
p43=-121.548;39.563
p44=-121.907;39.792
p45=-122.879;40.457
p46=-123.197;40.689
p47=-124.348;41.598
p48=-124.498;41.726
p49=-125.408;42.521
p50=-126.399;43.461
p51=-126.913;43.991
p52=-127.340;44.421
p53=-128.238;45.401
p54=-129.097;46.404
p55=-129.917;47.431
p56=-130.694;48.482
p57=-131.111;49.112
p58=-131.421;49.561
p59=-132.088;50.668
p60=-132.658;51.793
p61=-132.663;51.803
p62=-133.100;52.966
p63=-133.210;53.412
p64=-133.309;54.149
p65=-133.303;54.608
p66=-133.101;55.338
p67=-133.030;55.505
p68=-132.439;56.158
p69=-131.847;56.472
p70=-131.576;56.607
p71=-130.478;56.869
p72=-129.179;56.956
p73=-127.721;56.883
p74=-126.142;56.657
p75=-124.475;56.282
p76=-122.747;55.759
p77=-122.313;55.597

[C5]

gain=-10
n_point=85
p1=-123.684;57.017
p2=-122.104;56.459
p3=-120.226;55.649
p4=-119.721;55.397
p5=-118.356;54.676

p6=-117.223;53.986
p7=-116.497;53.504
p8=-115.395;52.690
p9=-114.644;52.070
p10=-113.981;51.477
p11=-112.863;50.328
p12=-112.767;50.215
p13=-111.962;49.230
p14=-111.242;48.178
p15=-110.674;47.164
p16=-110.615;47.037
p17=-110.227;46.184
p18=-109.896;45.234
p19=-109.669;44.312
p20=-109.579;43.686
p21=-109.540;43.414
p22=-109.499;42.540
p23=-109.556;41.687
p24=-109.677;41.044
p25=-109.717;40.855
p26=-109.989;40.042
p27=-110.129;39.743
p28=-110.402;39.248
p29=-110.677;38.853
p30=-111.002;38.475
p31=-111.277;38.198
p32=-111.889;37.725
p33=-111.914;37.707
p34=-112.581;37.338
p35=-113.275;37.078
p36=-113.524;37.018
p37=-113.994;36.904
p38=-114.740;36.813
p39=-115.515;36.804
p40=-116.324;36.875
p41=-117.170;37.029
p42=-117.822;37.206
p43=-118.061;37.271
p44=-119.002;37.603
p45=-120.013;38.049
p46=-120.110;38.098
p47=-121.109;38.623
p48=-121.702;38.976
p49=-122.327;39.370
p50=-123.048;39.860
p51=-123.729;40.360
p52=-124.248;40.755
p53=-125.350;41.664
p54=-125.464;41.766
p55=-126.391;42.590
p56=-127.376;43.533
p57=-128.235;44.409
p58=-128.323;44.496
p59=-129.246;45.481
p60=-130.141;46.490
p61=-131.010;47.524
p62=-131.850;48.584

p63=-132.018;48.818
p64=-132.667;49.675
p65=-133.447;50.796
p66=-134.165;51.950
p67=-134.176;51.970
p68=-134.810;53.137
p69=-135.106;53.818
p70=-135.312;54.355
p71=-135.528;55.203
p72=-135.568;55.597
p73=-135.545;56.271
p74=-135.327;56.841
p75=-135.202;57.088
p76=-134.533;57.688
p77=-133.776;58.003
p78=-133.567;58.089
p79=-132.359;58.319
p80=-130.933;58.378
p81=-129.340;58.279
p82=-127.626;58.034
p83=-125.827;57.646
p84=-123.973;57.117
p85=-123.684;57.017

[C6]

gain=-15
n_point=97
p1=-128.977;60.375
p2=-126.851;59.841
p3=-124.673;59.167
p4=-122.507;58.352
p5=-122.338;58.280
p6=-120.410;57.433
p7=-118.865;56.633
p8=-118.353;56.353
p9=-116.449;55.170
p10=-116.354;55.106
p11=-114.626;53.824
p12=-114.410;53.646
p13=-113.187;52.566
p14=-112.498;51.869
p15=-112.031;51.376
p16=-111.089;50.242
p17=-110.556;49.490
p18=-110.322;49.157
p19=-109.690;48.112
p20=-109.189;47.105
p21=-108.799;46.129
p22=-108.504;45.183
p23=-108.297;44.263
p24=-108.172;43.367
p25=-108.128;42.493
p26=-108.170;41.640
p27=-108.192;41.480
p28=-108.282;40.807
p29=-108.487;39.992
p30=-108.573;39.749

p31=-108.786;39.194
p32=-109.083;38.622
p33=-109.205;38.414
p34=-109.650;37.792
p35=-109.770;37.652
p36=-110.253;37.152
p37=-110.551;36.909
p38=-110.884;36.653
p39=-111.538;36.269
p40=-111.715;36.191
p41=-112.211;35.970
p42=-112.905;35.755
p43=-113.621;35.618
p44=-114.359;35.550
p45=-114.535;35.550
p46=-115.119;35.544
p47=-115.850;35.604
p48=-115.907;35.608
p49=-116.723;35.736
p50=-117.574;35.935
p51=-118.469;36.215
p52=-119.220;36.511
p53=-119.416;36.588
p54=-120.420;37.046
p55=-121.034;37.371
p56=-121.508;37.627
p57=-122.509;38.231
p58=-122.701;38.353
p59=-123.808;39.101
p60=-124.049;39.275
p61=-125.000;39.983
p62=-125.649;40.505
p63=-126.114;40.879
p64=-127.174;41.790
p65=-127.782;42.350
p66=-128.197;42.720
p67=-129.201;43.671
p68=-130.181;44.642
p69=-131.149;45.637
p70=-132.116;46.657
p71=-133.086;47.707
p72=-134.062;48.786
p73=-135.042;49.900
p74=-136.019;51.048
p75=-136.505;51.654
p76=-137.007;52.237
p77=-138.004;53.471
p78=-138.509;54.145
p79=-138.982;54.751
p80=-139.846;55.987
p81=-139.910;56.079
p82=-140.718;57.454
p83=-140.719;57.455
p84=-141.177;58.649
p85=-141.198;58.859
p86=-141.218;59.609
p87=-140.836;60.238

p88=-140.781;60.329
p89=-139.973;60.869
p90=-138.724;61.190
p91=-137.286;61.311
p92=-137.141;61.327
p93=-135.345;61.320
p94=-133.347;61.152
p95=-131.225;60.839
p96=-129.032;60.389
p97=-128.977;60.375

[C7]

gain=-20
n_point=120
p1=-146.598;75.675
p2=-139.461;74.494
p3=-126.231;70.439
p4=-124.144;69.600
p5=-120.195;67.739
p6=-117.971;66.545
p7=-115.939;65.298
p8=-114.318;64.191
p9=-112.564;62.861
p10=-111.769;62.192
p11=-109.814;60.433
p12=-109.799;60.417
p13=-108.340;58.810
p14=-107.460;57.850
p15=-107.038;57.319
p16=-105.981;55.928
p17=-105.488;55.290
p18=-105.058;54.616
p19=-104.309;53.372
p20=-103.735;52.429
p21=-103.614;52.184
p22=-103.125;51.048
p23=-102.693;49.956
p24=-102.304;48.901
p25=-101.985;47.979
p26=-101.959;47.880
p27=-101.737;46.892
p28=-101.556;45.932
p29=-101.417;44.998
p30=-101.320;44.086
p31=-101.263;43.197
p32=-101.243;42.341
p33=-101.243;42.327
p34=-101.338;41.478
p35=-101.434;40.645
p36=-101.532;39.828
p37=-101.636;39.026
p38=-101.637;39.017
p39=-101.864;38.239
p40=-102.051;37.464
p41=-102.158;37.077
p42=-102.306;36.704
p43=-102.592;35.954

p44=-102.716;35.660
p45=-102.951;35.218
p46=-103.291;34.545
p47=-103.326;34.492
p48=-103.805;33.777
p49=-103.882;33.668
p50=-104.362;33.073
p51=-104.481;32.934
p52=-105.004;32.380
p53=-105.084;32.303
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p55=-105.779;31.699
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p57=-106.719;31.029
p58=-106.929;30.905
p59=-107.554;30.555
p60=-107.846;30.373
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p62=-108.815;29.969
p63=-109.340;29.733
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p65=-110.100;29.547
p66=-110.756;29.411
p67=-111.418;29.297
p68=-112.088;29.212
p69=-112.768;29.165
p70=-112.910;29.164
p71=-113.463;29.171
p72=-114.030;29.200
p73=-114.170;29.209
p74=-114.894;29.300
p75=-115.634;29.426
p76=-116.389;29.581
p77=-117.159;29.758
p78=-117.945;29.956
p79=-118.178;30.025
p80=-118.773;30.258
p81=-119.621;30.580
p82=-120.166;30.791
p83=-120.505;30.961
p84=-121.429;31.400
p85=-121.754;31.556
p86=-122.408;31.924
p87=-123.182;32.327
p88=-123.425;32.472
p89=-124.499;33.078
p90=-124.552;33.110
p91=-125.657;33.786
p92=-125.843;33.901
p93=-126.899;34.565
p94=-127.115;34.707
p95=-128.256;35.449
p96=-128.365;35.525
p97=-129.539;36.354
p98=-129.813;36.542
p99=-130.665;37.195
p100=-131.681;37.934

p101=-131.835;38.056
p102=-132.891;38.924
p103=-134.064;39.819
p104=-134.189;39.914
p105=-135.157;40.726
p106=-136.307;41.657
p107=-137.565;42.618
p108=-138.407;43.236
p109=-138.884;43.606
p110=-140.204;44.619
p111=-141.627;45.667
p112=-143.180;46.756
p113=-144.901;47.894
p114=-146.854;49.090
p115=-149.148;50.362
p116=-151.982;51.742
p117=-155.803;53.293
p118=-159.042;54.365
p119=-162.148;55.229
p120=-168.840;56.480

[C8]

gain=-20
n_point=0

[C9]

gain=-20
n_point=111
p1=-152.967;73.156
p2=-139.452;70.848
p3=-131.072;68.414
p4=-129.154;67.719
p5=-125.937;66.579
p6=-122.052;64.836
p7=-121.733;64.692
p8=-118.480;63.047
p9=-117.719;62.605
p10=-115.636;61.340
p11=-114.687;60.706
p12=-113.110;59.538
p13=-112.430;59.020
p14=-110.821;57.565
p15=-110.730;57.487
p16=-109.260;56.060
p17=-108.779;55.480
p18=-108.073;54.725
p19=-107.152;53.465
p20=-106.877;53.031
p21=-106.281;52.264
p22=-105.595;51.116
p23=-105.103;50.073
p24=-105.066;50.017
p25=-104.475;48.953
p26=-104.068;47.928
p27=-103.766;46.935
p28=-103.537;45.972
p29=-103.365;45.036

p30=-103.240;44.123
p31=-103.161;43.232
p32=-103.133;42.361
p33=-103.174;41.510
p34=-103.342;40.679
p35=-103.351;40.649
p36=-103.426;39.861
p37=-103.617;39.061
p38=-103.815;38.618
p39=-103.900;38.276
p40=-104.202;37.504
p41=-104.354;37.242
p42=-104.556;36.745
p43=-104.919;36.154
p44=-104.999;36.000
p45=-105.486;35.267
p46=-105.500;35.249
p47=-105.993;34.545
p48=-106.082;34.430
p49=-106.606;33.835
p50=-106.678;33.750
p51=-107.286;33.181
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p55=-108.525;32.280
p56=-109.164;31.965
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p58=-109.820;31.752
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p60=-111.140;31.363
p61=-111.823;31.274
p62=-112.516;31.222
p63=-113.090;31.205
p64=-113.218;31.193
p65=-113.928;31.182
p66=-114.658;31.229
p67=-114.937;31.270
p68=-115.402;31.312
p69=-116.159;31.413
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p74=-119.445;32.352
p75=-120.350;32.730
p76=-120.707;32.914
p77=-121.294;33.157
p78=-122.295;33.709
p79=-122.316;33.719
p80=-123.368;34.279
p81=-123.738;34.513
p82=-124.529;34.998
p83=-125.015;35.323
p84=-125.820;35.879
p85=-126.196;36.142
p86=-127.285;36.971

p87=-127.300;36.982
p88=-128.458;37.821
p89=-128.981;38.252
p90=-129.575;38.684
p91=-130.654;39.561
p92=-131.104;39.955
p93=-131.788;40.461
p94=-132.905;41.379
p95=-133.958;42.311
p96=-134.277;42.599
p97=-135.164;43.278
p98=-136.390;44.269
p99=-137.629;45.287
p100=-138.927;46.336
p101=-140.317;47.423
p102=-141.828;48.554
p103=-143.488;49.736
p104=-145.328;50.975
p105=-147.367;52.280
p106=-148.960;53.282
p107=-149.723;53.671
p108=-153.141;55.250
p109=-158.100;57.099
p110=-164.561;58.777
p111=-167.502;59.258

[C10]

gain=-20
n_point=0

[C11]

gain=-20
n_point=105
p1=-130.849;62.163
p2=-129.391;61.817
p3=-126.883;61.106
p4=-124.431;60.268
p5=-123.324;59.828
p6=-122.080;59.327
p7=-119.817;58.260
p8=-119.409;58.044
p9=-117.656;57.067
p10=-116.730;56.483
p11=-115.577;55.698
p12=-114.722;55.062
p13=-113.577;54.115
p14=-113.150;53.741
p15=-111.886;52.499
p16=-111.638;52.224
p17=-110.840;51.319
p18=-109.993;50.194
p19=-109.699;49.742
p20=-109.286;49.114
p21=-108.706;48.074
p22=-108.246;47.070
p23=-107.886;46.097
p24=-107.614;45.152

p25=-107.421;44.234
p26=-107.302;43.339
p27=-107.257;42.466
p28=-107.291;41.613
p29=-107.341;41.222
p30=-107.391;40.779
p31=-107.563;39.963
p32=-107.734;39.440
p33=-107.825;39.165
p34=-108.177;38.382
p35=-108.244;38.262
p36=-108.637;37.616
p37=-108.806;37.383
p38=-109.243;36.867
p39=-109.401;36.698
p40=-110.022;36.159
p41=-110.056;36.135
p42=-110.660;35.718
p43=-111.237;35.428
p44=-111.320;35.385
p45=-111.993;35.114
p46=-112.686;34.927
p47=-113.398;34.808
p48=-113.743;34.780
p49=-114.128;34.744
p50=-114.879;34.738
p51=-115.654;34.798
p52=-116.155;34.877
p53=-116.457;34.921
p54=-117.287;35.099
p55=-118.155;35.349
p56=-119.070;35.688
p57=-119.236;35.759
p58=-120.032;36.094
p59=-121.051;36.606
p60=-121.064;36.612
p61=-122.173;37.228
p62=-122.541;37.454
p63=-123.395;37.997
p64=-123.863;38.311
p65=-124.780;38.966
p66=-125.074;39.180
p67=-126.210;40.062
p68=-126.431;40.245
p69=-127.307;40.961
p70=-128.349;41.875
p71=-128.635;42.141
p72=-129.385;42.810
p73=-130.404;43.765
p74=-131.411;44.742
p75=-132.420;45.744
p76=-133.441;46.774
p77=-134.483;47.834
p78=-135.550;48.927
p79=-136.646;50.057
p80=-137.769;51.226
p81=-138.713;52.231

p82=-138.924;52.439
p83=-140.177;53.708
p84=-141.334;54.913
p85=-141.454;55.030
p86=-142.848;56.422
p87=-143.375;56.969
p88=-144.289;57.886
p89=-145.041;58.670
p90=-145.731;59.425
p91=-146.333;60.103
p92=-146.965;61.024
p93=-147.146;61.284
p94=-147.433;62.242
p95=-147.224;62.592
p96=-147.069;62.962
p97=-146.040;63.448
p98=-144.324;63.678
p99=-143.228;63.692
p100=-142.233;63.737
p101=-139.864;63.635
p102=-137.298;63.370
p103=-134.649;62.968
p104=-131.985;62.439
p105=-130.849;62.163