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long_nom=-111.100
n_diag=1

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beam_id=KSD10
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-112.784;41.046

[C1]
gain=-2.00
n_point=51
p1=-112.938;38.254
p2=-113.236;38.306
p3=-113.518;38.393
p4=-113.802;38.521
p5=-114.088;38.694
p6=-114.329;38.881
p7=-114.603;39.152
p8=-114.824;39.430
p9=-115.005;39.714
p10=-115.168;40.049
p11=-115.281;40.359
p12=-115.369;40.718
p13=-115.416;41.088
p14=-115.420;41.457
p15=-115.383;41.798
p16=-115.305;42.147
p17=-115.191;42.463
p18=-115.026;42.792
p19=-114.824;43.085
p20=-114.585;43.349
p21=-114.316;43.575
p22=-114.026;43.758
p23=-113.716;43.896
p24=-113.415;43.985
p25=-113.092;44.036
p26=-112.730;44.040
p27=-112.415;44.000
p28=-112.086;43.913
p29=-111.769;43.782
p30=-111.482;43.618
p31=-111.189;43.395
p32=-110.930;43.138
p33=-110.704;42.849

p34=-110.511;42.525
p35=-110.358;42.178
p36=-110.260;41.862
p37=-110.193;41.504
p38=-110.166;41.147
p39=-110.181;40.782
p40=-110.235;40.430
p41=-110.320;40.114
p42=-110.438;39.808
p43=-110.605;39.491
p44=-110.804;39.205
p45=-111.047;38.932
p46=-111.290;38.724
p47=-111.558;38.547
p48=-111.827;38.415
p49=-112.123;38.314
p50=-112.406;38.259
p51=-112.722;38.241

[C2]

gain=-4.00
n_point=51
p1=-112.998;37.197
p2=-113.405;37.268
p3=-113.793;37.387
p4=-114.184;37.562
p5=-114.578;37.799
p6=-114.913;38.055
p7=-115.294;38.428
p8=-115.602;38.810
p9=-115.857;39.202
p10=-116.088;39.665
p11=-116.252;40.095
p12=-116.382;40.593
p13=-116.458;41.109
p14=-116.472;41.624
p15=-116.430;42.102
p16=-116.329;42.593
p17=-116.178;43.038
p18=-115.953;43.504
p19=-115.675;43.920
p20=-115.343;44.296
p21=-114.965;44.618
p22=-114.555;44.879
p23=-114.116;45.077
p24=-113.688;45.205
p25=-113.227;45.278
p26=-112.711;45.284
p27=-112.261;45.226
p28=-111.792;45.101
p29=-111.340;44.914
p30=-110.935;44.679
p31=-110.523;44.360
p32=-110.160;43.995
p33=-109.846;43.584
p34=-109.582;43.126
p35=-109.374;42.635

p36=-109.246;42.191
p37=-109.159;41.690
p38=-109.131;41.190
p39=-109.161;40.682
p40=-109.244;40.194
p41=-109.370;39.756
p42=-109.539;39.333
p43=-109.776;38.895
p44=-110.055;38.501
p45=-110.395;38.126
p46=-110.731;37.842
p47=-111.101;37.599
p48=-111.472;37.418
p49=-111.878;37.280
p50=-112.268;37.204
p51=-112.701;37.179

[C3]

gain=-6.00
n_point=51
p1=-113.041;36.442
p2=-113.527;36.527
p3=-113.989;36.669
p4=-114.456;36.877
p5=-114.928;37.159
p6=-115.329;37.464
p7=-115.787;37.909
p8=-116.160;38.365
p9=-116.469;38.834
p10=-116.753;39.389
p11=-116.955;39.904
p12=-117.119;40.504
p13=-117.218;41.125
p14=-117.243;41.748
p15=-117.201;42.327
p16=-117.087;42.922
p17=-116.911;43.464
p18=-116.646;44.031
p19=-116.314;44.540
p20=-115.914;45.000
p21=-115.456;45.395
p22=-114.958;45.717
p23=-114.421;45.961
p24=-113.897;46.118
p25=-113.331;46.208
p26=-112.697;46.215
p27=-112.144;46.144
p28=-111.569;45.990
p29=-111.017;45.759
p30=-110.523;45.470
p31=-110.022;45.079
p32=-109.583;44.630
p33=-109.206;44.129
p34=-108.892;43.570
p35=-108.648;42.973
p36=-108.499;42.434
p37=-108.403;41.827

p38=-108.377;41.223
p39=-108.420;40.610
p40=-108.528;40.024
p41=-108.685;39.498
p42=-108.894;38.991
p43=-109.183;38.467
p44=-109.520;37.997
p45=-109.930;37.549
p46=-110.333;37.210
p47=-110.777;36.921
p48=-111.221;36.705
p49=-111.706;36.542
p50=-112.170;36.451
p51=-112.687;36.421

[C4]

gain=-8.00
n_point=51
p1=-113.075;35.845
p2=-113.623;35.940
p3=-114.144;36.100
p4=-114.671;36.334
p5=-115.204;36.652
p6=-115.658;36.995
p7=-116.178;37.496
p8=-116.603;38.012
p9=-116.956;38.541
p10=-117.282;39.169
p11=-117.516;39.753
p12=-117.709;40.433
p13=-117.828;41.139
p14=-117.865;41.848
p15=-117.824;42.508
p16=-117.703;43.189
p17=-117.508;43.809
p18=-117.213;44.460
p19=-116.839;45.045
p20=-116.385;45.576
p21=-115.864;46.032
p22=-115.292;46.403
p23=-114.675;46.685
p24=-114.071;46.867
p25=-113.419;46.971
p26=-112.686;46.980
p27=-112.049;46.897
p28=-111.385;46.718
p29=-110.749;46.451
p30=-110.182;46.117
p31=-109.609;45.665
p32=-109.110;45.149
p33=-108.683;44.572
p34=-108.330;43.931
p35=-108.058;43.247
p36=-107.895;42.631
p37=-107.794;41.938
p38=-107.771;41.251
p39=-107.827;40.554

p40=-107.956;39.889
p41=-108.139;39.293
p42=-108.380;38.719
p43=-108.712;38.127
p44=-109.097;37.596
p45=-109.563;37.092
p46=-110.020;36.709
p47=-110.521;36.384
p48=-111.023;36.141
p49=-111.570;35.957
p50=-112.094;35.855
p51=-112.676;35.822

[C5]

gain=-10.00
n_point=51
p1=-113.102;35.362
p2=-113.700;35.465
p3=-114.270;35.639
p4=-114.845;35.894
p5=-115.428;36.240
p6=-115.925;36.615
p7=-116.496;37.162
p8=-116.962;37.725
p9=-117.352;38.304
p10=-117.713;38.991
p11=-117.975;39.630
p12=-118.191;40.376
p13=-118.329;41.151
p14=-118.377;41.931
p15=-118.339;42.659
p16=-118.212;43.410
p17=-118.005;44.095
p18=-117.685;44.816
p19=-117.278;45.464
p20=-116.780;46.053
p21=-116.206;46.561
p22=-115.575;46.975
p23=-114.890;47.289
p24=-114.219;47.492
p25=-113.493;47.608
p26=-112.678;47.618
p27=-111.968;47.525
p28=-111.231;47.326
p29=-110.525;47.028
p30=-109.896;46.655
p31=-109.264;46.153
p32=-108.715;45.579
p33=-108.248;44.939
p34=-107.864;44.229
p35=-107.571;43.473
p36=-107.398;42.793
p37=-107.292;42.030
p38=-107.274;41.274
p39=-107.342;40.509
p40=-107.489;39.779
p41=-107.695;39.126

p42=-107.963;38.498
p43=-108.330;37.851
p44=-108.754;37.271
p45=-109.265;36.720
p46=-109.767;36.303
p47=-110.315;35.948
p48=-110.864;35.683
p49=-111.461;35.483
p50=-112.033;35.373
p51=-112.667;35.336

[C6]

gain=-15.00
n_point=51
p1=-113.155;34.452
p2=-113.846;34.572
p3=-114.505;34.772
p4=-115.172;35.066
p5=-115.849;35.466
p6=-116.427;35.899
p7=-117.093;36.531
p8=-117.640;37.183
p9=-118.100;37.855
p10=-118.530;38.654
p11=-118.844;39.398
p12=-119.110;40.268
p13=-119.286;41.176
p14=-119.358;42.091
p15=-119.329;42.948
p16=-119.197;43.835
p17=-118.969;44.647
p18=-118.608;45.504
p19=-118.139;46.278
p20=-117.559;46.983
p21=-116.884;47.592
p22=-116.135;48.091
p23=-115.319;48.470
p24=-114.516;48.715
p25=-113.644;48.856
p26=-112.663;48.867
p27=-111.810;48.755
p28=-110.925;48.513
p29=-110.081;48.153
p30=-109.333;47.704
p31=-108.585;47.100
p32=-107.942;46.413
p33=-107.400;45.649
p34=-106.960;44.804
p35=-106.630;43.909
p36=-106.440;43.106
p37=-106.332;42.207
p38=-106.325;41.320
p39=-106.420;40.424
p40=-106.604;39.572
p41=-106.854;38.811
p42=-107.176;38.081
p43=-107.611;37.330

p44=-108.110;36.658
p45=-108.708;36.021
p46=-109.292;35.539
p47=-109.929;35.129
p48=-110.565;34.824
p49=-111.257;34.593
p50=-111.918;34.465
p51=-112.652;34.423

[C7]

gain=-20.00
n_point=51
p1=-113.191;33.843
p2=-113.944;33.973
p3=-114.663;34.191
p4=-115.391;34.511
p5=-116.130;34.946
p6=-116.763;35.418
p7=-117.494;36.108
p8=-118.096;36.819
p9=-118.604;37.553
p10=-119.081;38.426
p11=-119.433;39.242
p12=-119.734;40.196
p13=-119.939;41.194
p14=-120.030;42.202
p15=-120.011;43.147
p16=-119.878;44.128
p17=-119.638;45.027
p18=-119.252;45.980
p19=-118.744;46.842
p20=-118.110;47.629
p21=-117.366;48.311
p22=-116.536;48.871
p23=-115.627;49.297
p24=-114.729;49.573
p25=-113.753;49.731
p26=-112.654;49.743
p27=-111.698;49.617
p28=-110.708;49.345
p29=-109.766;48.940
p30=-108.935;48.436
p31=-108.107;47.760
p32=-107.400;46.991
p33=-106.808;46.140
p34=-106.333;45.202
p35=-105.980;44.209
p36=-105.782;43.321
p37=-105.675;42.329
p38=-105.679;41.352
p39=-105.794;40.368
p40=-106.005;39.432
p41=-106.287;38.599
p42=-106.646;37.801
p43=-107.127;36.980
p44=-107.678;36.247
p45=-108.335;35.552

p46=-108.975;35.027
p47=-109.672;34.580
p48=-110.366;34.247
p49=-111.121;33.996
p50=-111.842;33.857
p51=-112.642;33.811