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long_nom=-111.100
n_diag=1

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beam_id=KSD2
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-116.106;46.932

[C1]
gain=-2.00
n_point=51
p1=-116.065;43.712
p2=-116.419;43.781
p3=-116.738;43.892
p4=-117.065;44.050
p5=-117.376;44.248
p6=-117.690;44.500
p7=-117.993;44.802
p8=-118.273;45.151
p9=-118.494;45.485
p10=-118.685;45.847
p11=-118.856;46.246
p12=-118.976;46.634
p13=-119.067;47.071
p14=-119.108;47.507
p15=-119.099;47.896
p16=-119.047;48.303
p17=-118.944;48.686
p18=-118.799;49.056
p19=-118.590;49.410
p20=-118.318;49.737
p21=-118.055;49.979
p22=-117.728;50.191
p23=-117.392;50.342
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p26=-116.258;50.477
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p28=-115.498;50.293
p29=-115.129;50.121
p30=-114.774;49.895
p31=-114.420;49.598
p32=-114.140;49.308
p33=-113.859;48.939

p34=-113.636;48.552
p35=-113.459;48.174
p36=-113.328;47.758
p37=-113.237;47.355
p38=-113.194;46.923
p39=-113.196;46.493
p40=-113.245;46.088
p41=-113.333;45.723
p42=-113.455;45.366
p43=-113.633;45.016
p44=-113.841;44.699
p45=-114.101;44.400
p46=-114.356;44.180
p47=-114.652;43.987
p48=-114.949;43.845
p49=-115.249;43.754
p50=-115.555;43.703
p51=-115.919;43.698

[C2]

gain=-4.00
n_point=51
p1=-116.060;42.512
p2=-116.543;42.605
p3=-116.979;42.756
p4=-117.426;42.970
p5=-117.853;43.240
p6=-118.285;43.583
p7=-118.705;43.995
p8=-119.096;44.473
p9=-119.407;44.932
p10=-119.681;45.431
p11=-119.928;45.984
p12=-120.108;46.523
p13=-120.250;47.133
p14=-120.322;47.743
p15=-120.326;48.291
p16=-120.270;48.866
p17=-120.140;49.411
p18=-119.951;49.940
p19=-119.668;50.447
p20=-119.293;50.919
p21=-118.925;51.269
p22=-118.461;51.578
p23=-117.982;51.797
p24=-117.469;51.941
p25=-116.935;52.007
p26=-116.344;51.993
p27=-115.793;51.895
p28=-115.246;51.723
p29=-114.715;51.472
p30=-114.207;51.145
p31=-113.705;50.714
p32=-113.311;50.297
p33=-112.921;49.769
p34=-112.617;49.217
p35=-112.379;48.682

p36=-112.208;48.095
p37=-112.093;47.529
p38=-112.048;46.925
p39=-112.065;46.326
p40=-112.146;45.765
p41=-112.279;45.262
p42=-112.457;44.770
p43=-112.711;44.289
p44=-113.004;43.856
p45=-113.368;43.448
p46=-113.720;43.148
p47=-114.128;42.885
p48=-114.536;42.692
p49=-114.946;42.569
p50=-115.365;42.499
p51=-115.861;42.493

[C3]

gain=-6.00
n_point=51
p1=-116.059;41.665
p2=-116.633;41.775
p3=-117.151;41.953
p4=-117.682;42.206
p5=-118.190;42.526
p6=-118.707;42.933
p7=-119.210;43.422
p8=-119.681;43.991
p9=-120.059;44.539
p10=-120.394;45.135
p11=-120.700;45.797
p12=-120.926;46.444
p13=-121.111;47.179
p14=-121.213;47.917
p15=-121.232;48.582
p16=-121.179;49.283
p17=-121.037;49.948
p18=-120.821;50.598
p19=-120.491;51.222
p20=-120.043;51.806
p21=-119.599;52.240
p22=-119.035;52.624
p23=-118.446;52.896
p24=-117.813;53.076
p25=-117.153;53.159
p26=-116.420;53.141
p27=-115.736;53.017
p28=-115.058;52.803
p29=-114.403;52.489
p30=-113.778;52.082
p31=-113.166;51.549
p32=-112.689;51.034
p33=-112.221;50.385
p34=-111.861;49.709
p35=-111.583;49.057
p36=-111.388;48.343
p37=-111.261;47.658

p38=-111.219;46.928
p39=-111.252;46.209
p40=-111.360;45.535
p41=-111.528;44.934
p42=-111.749;44.347
p43=-112.060;43.774
p44=-112.416;43.258
p45=-112.854;42.773
p46=-113.276;42.419
p47=-113.764;42.107
p48=-114.250;41.879
p49=-114.737;41.732
p50=-115.235;41.650
p51=-115.824;41.643

[C4]

gain=-8.00
n_point=51
p1=-116.061;41.003
p2=-116.704;41.125
p3=-117.286;41.325
p4=-117.883;41.608
p5=-118.455;41.966
p6=-119.038;42.423
p7=-119.607;42.972
p8=-120.142;43.612
p9=-120.573;44.229
p10=-120.958;44.901
p11=-121.313;45.650
p12=-121.578;46.383
p13=-121.799;47.218
p14=-121.929;48.058
p15=-121.964;48.817
p16=-121.919;49.620
p17=-121.771;50.385
p18=-121.540;51.134
p19=-121.174;51.855
p20=-120.671;52.532
p21=-120.168;53.037
p22=-119.522;53.485
p23=-118.844;53.804
p24=-118.110;54.014
p25=-117.342;54.110
p26=-116.489;54.089
p27=-115.693;53.943
p28=-114.905;53.692
p29=-114.145;53.325
p30=-113.425;52.851
p31=-112.723;52.231
p32=-112.179;51.634
p33=-111.650;50.885
p34=-111.247;50.107
p35=-110.940;49.359
p36=-110.729;48.542
p37=-110.596;47.761
p38=-110.560;46.932
p39=-110.608;46.116

p40=-110.739;45.354
p41=-110.938;44.675
p42=-111.194;44.014
p43=-111.552;43.369
p44=-111.957;42.789
p45=-112.455;42.245
p46=-112.932;41.847
p47=-113.482;41.498
p48=-114.029;41.242
p49=-114.577;41.078
p50=-115.136;40.986
p51=-115.797;40.978

[C5]

gain=-10.00
n_point=51
p1=-116.063;40.457
p2=-116.764;40.590
p3=-117.397;40.807
p4=-118.049;41.115
p5=-118.674;41.504
p6=-119.311;42.001
p7=-119.935;42.600
p8=-120.523;43.298
p9=-121.000;43.972
p10=-121.426;44.707
p11=-121.823;45.528
p12=-122.123;46.333
p13=-122.378;47.251
p14=-122.534;48.178
p15=-122.585;49.017
p16=-122.550;49.906
p17=-122.401;50.755
p18=-122.159;51.590
p19=-121.767;52.396
p20=-121.220;53.155
p21=-120.668;53.722
p22=-119.953;54.227
p23=-119.197;54.587
p24=-118.376;54.823
p25=-117.514;54.932
p26=-116.555;54.907
p27=-115.660;54.742
p28=-114.774;54.458
p29=-113.924;54.044
p30=-113.120;53.510
p31=-112.341;52.814
p32=-111.742;52.146
p33=-111.162;51.310
p34=-110.726;50.444
p35=-110.396;49.614
p36=-110.174;48.711
p37=-110.037;47.849
p38=-110.008;46.936
p39=-110.071;46.040
p40=-110.224;45.205
p41=-110.449;44.461

p42=-110.736;43.738
p43=-111.133;43.034
p44=-111.580;42.402
p45=-112.127;41.809
p46=-112.650;41.376
p47=-113.251;40.996
p48=-113.848;40.718
p49=-114.446;40.539
p50=-115.055;40.439
p51=-115.775;40.430

[C6]

gain=-15.00
n_point=51
p1=-116.069;39.448
p2=-116.876;39.600
p3=-117.606;39.848
p4=-118.358;40.202
p5=-119.079;40.649
p6=-119.817;41.220
p7=-120.544;41.910
p8=-121.233;42.715
p9=-121.795;43.494
p10=-122.303;44.347
p11=-122.781;45.301
p12=-123.151;46.240
p13=-123.473;47.316
p14=-123.685;48.406
p15=-123.775;49.398
p16=-123.768;50.454
p17=-123.626;51.469
p18=-123.375;52.471
p19=-122.943;53.446
p20=-122.321;54.369
p21=-121.679;55.064
p22=-120.832;55.684
p23=-119.925;56.128
p24=-118.930;56.420
p25=-117.876;56.555
p26=-116.700;56.522
p27=-115.603;56.316
p28=-114.520;55.963
p29=-113.488;55.451
p30=-112.519;54.795
p31=-111.593;53.945
p32=-110.888;53.135
p33=-110.217;52.127
p34=-109.721;51.091
p35=-109.354;50.102
p36=-109.118;49.033
p37=-108.980;48.017
p38=-108.970;46.946
p39=-109.065;45.899
p40=-109.262;44.926
p41=-109.539;44.063
p42=-109.886;43.226
p43=-110.357;42.412

p44=-110.884;41.684
p45=-111.523;41.001
p46=-112.132;40.504
p47=-112.829;40.067
p48=-113.519;39.748
p49=-114.208;39.543
p50=-114.910;39.427
p51=-115.739;39.417

[C7]

gain=-20.00
n_point=51
p1=-116.075;38.772
p2=-116.953;38.937
p3=-117.747;39.206
p4=-118.565;39.589
p5=-119.352;40.074
p6=-120.158;40.695
p7=-120.954;41.446
p8=-121.711;42.322
p9=-122.332;43.172
p10=-122.896;44.104
p11=-123.433;45.148
p12=-123.853;46.179
p13=-124.226;47.362
p14=-124.482;48.565
p15=-124.604;49.663
p16=-124.624;50.837
p17=-124.496;51.969
p18=-124.248;53.092
p19=-123.797;54.189
p20=-123.130;55.233
p21=-122.431;56.023
p22=-121.495;56.730
p23=-120.479;57.238
p24=-119.355;57.573
p25=-118.159;57.727
p26=-116.820;57.688
p27=-115.570;57.449
p28=-114.341;57.044
p29=-113.174;56.458
p30=-112.087;55.710
p31=-111.057;54.746
p32=-110.281;53.832
p33=-109.549;52.700
p34=-109.018;51.542
p35=-108.629;50.442
p36=-108.388;49.256
p37=-108.254;48.134
p38=-108.261;46.954
p39=-108.382;45.804
p40=-108.612;44.739
p41=-108.925;43.795
p42=-109.315;42.881
p43=-109.838;41.994
p44=-110.419;41.201
p45=-111.121;40.459

p46=-111.788;39.918
p47=-112.549;39.444
p48=-113.301;39.098
p49=-114.052;38.875
p50=-114.815;38.750
p51=-115.716;38.738