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long_nom=-111.100
n_diag=1

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beam_id=KSD3
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-109.972;46.980

[C1]
gain=-2.00
n_point=51
p1=-110.486;43.770
p2=-110.805;43.852
p3=-111.120;43.982
p4=-111.406;44.148
p5=-111.705;44.375
p6=-111.974;44.641
p7=-112.211;44.951
p8=-112.423;45.296
p9=-112.581;45.637
p10=-112.712;46.018
p11=-112.801;46.384
p12=-112.854;46.834
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p14=-112.823;47.680
p15=-112.747;48.094
p16=-112.620;48.483
p17=-112.450;48.869
p18=-112.223;49.252
p19=-111.947;49.592
p20=-111.645;49.887
p21=-111.307;50.138
p22=-110.961;50.321
p23=-110.631;50.444
p24=-110.219;50.534
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p27=-109.086;50.440
p28=-108.724;50.297
p29=-108.401;50.111
p30=-108.081;49.849
p31=-107.803;49.547
p32=-107.556;49.207
p33=-107.367;48.832

p34=-107.220;48.443
p35=-107.120;48.051
p36=-107.071;47.640
p37=-107.053;47.232
p38=-107.093;46.807
p39=-107.163;46.396
p40=-107.279;46.012
p41=-107.429;45.635
p42=-107.614;45.283
p43=-107.849;44.940
p44=-108.109;44.629
p45=-108.400;44.363
p46=-108.702;44.148
p47=-108.993;43.985
p48=-109.343;43.845
p49=-109.652;43.769
p50=-109.990;43.734
p51=-110.327;43.746

[C2]

gain=-4.00
n_point=51
p1=-110.671;42.573
p2=-111.106;42.685
p3=-111.539;42.861
p4=-111.931;43.087
p5=-112.343;43.396
p6=-112.716;43.759
p7=-113.049;44.183
p8=-113.348;44.656
p9=-113.575;45.125
p10=-113.765;45.650
p11=-113.900;46.157
p12=-113.989;46.783
p13=-114.019;47.375
p14=-113.974;47.967
p15=-113.881;48.549
p16=-113.716;49.100
p17=-113.488;49.650
p18=-113.178;50.197
p19=-112.795;50.687
p20=-112.371;51.113
p21=-111.890;51.476
p22=-111.395;51.743
p23=-110.920;51.922
p24=-110.325;52.055
p25=-109.762;52.090
p26=-109.194;52.041
p27=-108.688;51.917
p28=-108.169;51.708
p29=-107.708;51.438
p30=-107.255;51.059
p31=-106.867;50.622
p32=-106.527;50.134
p33=-106.272;49.598
p34=-106.080;49.044
p35=-105.952;48.489

p36=-105.899;47.910
p37=-105.889;47.339
p38=-105.959;46.745
p39=-106.069;46.173
p40=-106.241;45.642
p41=-106.458;45.121
p42=-106.722;44.638
p43=-107.052;44.168
p44=-107.415;43.742
p45=-107.817;43.379
p46=-108.233;43.086
p47=-108.632;42.866
p48=-109.111;42.676
p49=-109.533;42.573
p50=-109.994;42.525
p51=-110.454;42.542

[C3]

gain=-6.00
n_point=51
p1=-110.800;41.729
p2=-111.317;41.861
p3=-111.831;42.069
p4=-112.299;42.337
p5=-112.792;42.703
p6=-113.240;43.134
p7=-113.641;43.638
p8=-114.005;44.200
p9=-114.283;44.761
p10=-114.519;45.388
p11=-114.690;45.995
p12=-114.809;46.747
p13=-114.858;47.462
p14=-114.817;48.177
p15=-114.717;48.885
p16=-114.529;49.556
p17=-114.264;50.229
p18=-113.897;50.901
p19=-113.439;51.505
p20=-112.925;52.033
p21=-112.338;52.484
p22=-111.729;52.817
p23=-111.143;53.040
p24=-110.406;53.206
p25=-109.707;53.251
p26=-109.003;53.188
p27=-108.377;53.034
p28=-107.738;52.774
p29=-107.173;52.437
p30=-106.623;51.966
p31=-106.156;51.426
p32=-105.750;50.825
p33=-105.453;50.166
p34=-105.232;49.489
p35=-105.091;48.812
p36=-105.040;48.109
p37=-105.041;47.418

p38=-105.138;46.702
p39=-105.281;46.015
p40=-105.497;45.378
p41=-105.766;44.755
p42=-106.088;44.178
p43=-106.488;43.619
p44=-106.925;43.113
p45=-107.407;42.682
p46=-107.903;42.336
p47=-108.379;42.074
p48=-108.948;41.850
p49=-109.449;41.728
p50=-109.997;41.671
p51=-110.542;41.691

[C4]

gain=-8.00
n_point=51
p1=-110.900;41.068
p2=-111.481;41.217
p3=-112.059;41.450
p4=-112.586;41.749
p5=-113.142;42.160
p6=-113.648;42.644
p7=-114.104;43.209
p8=-114.520;43.842
p9=-114.839;44.473
p10=-115.115;45.182
p11=-115.316;45.868
p12=-115.462;46.720
p13=-115.529;47.533
p14=-115.494;48.347
p15=-115.393;49.156
p16=-115.190;49.925
p17=-114.899;50.698
p18=-114.489;51.474
p19=-113.971;52.174
p20=-113.385;52.786
p21=-112.711;53.312
p22=-112.008;53.701
p23=-111.329;53.963
p24=-110.473;54.157
p25=-109.660;54.210
p26=-108.841;54.137
p27=-108.114;53.956
p28=-107.374;53.651
p29=-106.724;53.259
p30=-106.096;52.710
p31=-105.566;52.083
p32=-105.111;51.387
p33=-104.782;50.626
p34=-104.543;49.848
p35=-104.395;49.073
p36=-104.350;48.270
p37=-104.363;47.483
p38=-104.485;46.669
p39=-104.657;45.890

p40=-104.910;45.170
p41=-105.221;44.467
p42=-105.590;43.817
p43=-106.046;43.188
p44=-106.542;42.620
p45=-107.087;42.137
p46=-107.646;41.748
p47=-108.181;41.455
p48=-108.821;41.204
p49=-109.383;41.068
p50=-109.998;41.004
p51=-110.611;41.027

[C5]

gain=-10.00
n_point=51
p1=-110.982;40.524
p2=-111.615;40.686
p3=-112.245;40.939
p4=-112.821;41.265
p5=-113.429;41.711
p6=-113.985;42.239
p7=-114.486;42.855
p8=-114.945;43.546
p9=-115.301;44.236
p10=-115.609;45.011
p11=-115.837;45.762
p12=-116.007;46.699
p13=-116.092;47.592
p14=-116.064;48.491
p15=-115.964;49.385
p16=-115.752;50.238
p17=-115.441;51.097
p18=-114.998;51.963
p19=-114.431;52.745
p20=-113.785;53.432
p21=-113.037;54.024
p22=-112.253;54.463
p23=-111.492;54.758
p24=-110.531;54.979
p25=-109.617;55.038
p26=-108.696;54.956
p27=-107.882;54.752
p28=-107.054;54.407
p29=-106.331;53.965
p30=-105.636;53.347
p31=-105.056;52.644
p32=-104.561;51.865
p33=-104.209;51.018
p34=-103.957;50.153
p35=-103.806;49.294
p36=-103.768;48.405
p37=-103.793;47.537
p38=-103.938;46.642
p39=-104.137;45.787
p40=-104.422;44.998
p41=-104.769;44.229

p42=-105.179;43.519
p43=-105.681;42.832
p44=-106.226;42.213
p45=-106.823;41.686
p46=-107.434;41.263
p47=-108.019;40.945
p48=-108.717;40.672
p49=-109.329;40.523
p50=-109.999;40.455
p51=-110.666;40.479

[C6]

gain=-15.00
n_point=51
p1=-111.131;39.518
p2=-111.861;39.703
p3=-112.588;39.994
p4=-113.254;40.368
p5=-113.959;40.881
p6=-114.606;41.487
p7=-115.193;42.198
p8=-115.736;42.995
p9=-116.159;43.793
p10=-116.532;44.693
p11=-116.814;45.567
p12=-117.034;46.660
p13=-117.157;47.707
p14=-117.150;48.765
p15=-117.059;49.823
p16=-116.835;50.838
p17=-116.493;51.865
p18=-115.993;52.907
p19=-115.338;53.854
p20=-114.580;54.693
p21=-113.690;55.418
p22=-112.745;55.959
p23=-111.821;56.326
p24=-110.647;56.599
p25=-109.527;56.674
p26=-108.400;56.572
p27=-107.407;56.318
p28=-106.406;55.893
p29=-105.539;55.347
p30=-104.720;54.590
p31=-104.046;53.733
p32=-103.482;52.791
p33=-103.093;51.771
p34=-102.826;50.737
p35=-102.676;49.716
p36=-102.660;48.665
p37=-102.715;47.643
p38=-102.909;46.594
p39=-103.161;45.596
p40=-103.510;44.677
p41=-103.928;43.785
p42=-104.414;42.963
p43=-105.005;42.170

p44=-105.641;41.457
p45=-106.336;40.851
p46=-107.044;40.366
p47=-107.719;40.000
p48=-108.524;39.687
p49=-109.229;39.517
p50=-110.000;39.438
p51=-110.768;39.466

[C7]

gain=-20.00
n_point=51
p1=-111.231;38.845
p2=-112.024;39.045
p3=-112.817;39.360
p4=-113.543;39.767
p5=-114.313;40.324
p6=-115.022;40.983
p7=-115.668;41.756
p8=-116.267;42.625
p9=-116.738;43.495
p10=-117.157;44.478
p11=-117.477;45.436
p12=-117.736;46.635
p13=-117.888;47.788
p14=-117.900;48.956
p15=-117.821;50.127
p16=-117.594;51.255
p17=-117.238;52.402
p18=-116.704;53.571
p19=-115.993;54.639
p20=-115.160;55.589
p21=-114.169;56.416
p22=-113.109;57.034
p23=-112.064;57.455
p24=-110.731;57.770
p25=-109.456;57.856
p26=-108.175;57.739
p27=-107.050;57.448
p28=-105.922;56.959
p29=-104.954;56.336
p30=-104.049;55.474
p31=-103.315;54.504
p32=-102.709;53.442
p33=-102.303;52.299
p34=-102.031;51.145
p35=-101.889;50.009
p36=-101.894;48.845
p37=-101.975;47.717
p38=-102.206;46.562
p39=-102.498;45.467
p40=-102.892;44.461
p41=-103.360;43.486
p42=-103.899;42.589
p43=-104.551;41.726
p44=-105.250;40.950
p45=-106.010;40.291

p46=-106.782;39.764
p47=-107.518;39.367
p48=-108.395;39.027
p49=-109.162;38.843
p50=-110.000;38.758
p51=-110.836;38.788