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long_nom=-111.100
n_diag=1

[COHeader]
beam_id=KSD19
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-115.172;36.218

[C1]
gain=-2.00
n_point=50
p1=-115.104;33.678
p2=-115.397;33.713
p3=-115.674;33.784
p4=-115.948;33.894
p5=-116.204;34.035
p6=-116.462;34.220
p7=-116.710;34.447
p8=-116.942;34.719
p9=-117.127;34.996
p10=-117.258;35.245
p11=-117.393;35.580
p12=-117.477;35.884
p13=-117.531;36.210
p14=-117.548;36.539
p15=-117.528;36.853
p16=-117.476;37.148
p17=-117.378;37.466
p18=-117.256;37.740
p19=-117.071;38.033
p20=-116.861;38.276
p21=-116.622;38.485
p22=-116.353;38.653
p23=-116.071;38.774
p24=-115.804;38.845
p25=-115.504;38.883
p26=-115.175;38.876
p27=-114.874;38.825
p28=-114.572;38.734
p29=-114.287;38.606
p30=-114.023;38.447
p31=-113.740;38.223
p32=-113.491;37.969
p33=-113.285;37.697

p34=-113.113;37.402
p35=-112.982;37.101
p36=-112.892;36.800
p37=-112.833;36.475
p38=-112.813;36.146
p39=-112.835;35.798
p40=-112.889;35.504
p41=-112.977;35.210
p42=-113.095;34.935
p43=-113.235;34.691
p44=-113.444;34.414
p45=-113.679;34.179
p46=-113.899;34.015
p47=-114.151;33.872
p48=-114.408;33.770
p49=-114.691;33.703
p50=-114.976;33.676

[C2]

gain=-4.00
n_point=50
p1=-115.083;32.708
p2=-115.486;32.755
p3=-115.867;32.853
p4=-116.244;33.004
p5=-116.599;33.197
p6=-116.955;33.453
p7=-117.300;33.766
p8=-117.623;34.140
p9=-117.883;34.523
p10=-118.069;34.869
p11=-118.261;35.334
p12=-118.384;35.755
p13=-118.465;36.210
p14=-118.496;36.669
p15=-118.473;37.109
p16=-118.406;37.522
p17=-118.276;37.970
p18=-118.110;38.356
p19=-117.856;38.770
p20=-117.563;39.114
p21=-117.229;39.410
p22=-116.850;39.648
p23=-116.452;39.821
p24=-116.074;39.922
p25=-115.648;39.976
p26=-115.182;39.965
p27=-114.754;39.893
p28=-114.326;39.764
p29=-113.922;39.580
p30=-113.550;39.355
p31=-113.153;39.038
p32=-112.806;38.679
p33=-112.519;38.295
p34=-112.283;37.879
p35=-112.105;37.456
p36=-111.984;37.033

p37=-111.908;36.579
p38=-111.886;36.120
p39=-111.923;35.636
p40=-112.003;35.228
p41=-112.130;34.821
p42=-112.299;34.439
p43=-112.495;34.103
p44=-112.788;33.721
p45=-113.115;33.397
p46=-113.420;33.170
p47=-113.768;32.975
p48=-114.123;32.834
p49=-114.513;32.742
p50=-114.906;32.705

[C3]

gain=-6.00
n_point=50
p1=-115.068;32.018
p2=-115.550;32.073
p3=-116.005;32.190
p4=-116.456;32.370
p5=-116.880;32.600
p6=-117.307;32.905
p7=-117.721;33.279
p8=-118.111;33.727
p9=-118.425;34.185
p10=-118.651;34.599
p11=-118.887;35.157
p12=-119.039;35.664
p13=-119.141;36.210
p14=-119.184;36.764
p15=-119.162;37.295
p16=-119.087;37.796
p17=-118.936;38.338
p18=-118.740;38.806
p19=-118.436;39.310
p20=-118.084;39.730
p21=-117.681;40.090
p22=-117.221;40.381
p23=-116.738;40.592
p24=-116.277;40.716
p25=-115.758;40.782
p26=-115.188;40.768
p27=-114.667;40.681
p28=-114.145;40.522
p29=-113.654;40.297
p30=-113.202;40.022
p31=-112.721;39.636
p32=-112.302;39.198
p33=-111.958;38.731
p34=-111.676;38.227
p35=-111.466;37.714
p36=-111.325;37.204
p37=-111.238;36.656
p38=-111.218;36.103
p39=-111.267;35.520

p40=-111.367;35.031
p41=-111.524;34.542
p42=-111.730;34.085
p43=-111.968;33.682
p44=-112.322;33.226
p45=-112.716;32.840
p46=-113.082;32.569
p47=-113.499;32.336
p48=-113.923;32.167
p49=-114.388;32.058
p50=-114.858;32.013

[C4]

gain=-8.00
n_point=50
p1=-115.058;31.466
p2=-115.601;31.528
p3=-116.115;31.660
p4=-116.625;31.863
p5=-117.104;32.123
p6=-117.589;32.467
p7=-118.058;32.889
p8=-118.501;33.395
p9=-118.860;33.914
p10=-119.119;34.383
p11=-119.390;35.015
p12=-119.567;35.591
p13=-119.689;36.212
p14=-119.742;36.842
p15=-119.723;37.447
p16=-119.643;38.018
p17=-119.475;38.639
p18=-119.256;39.174
p19=-118.914;39.751
p20=-118.515;40.233
p21=-118.056;40.647
p22=-117.530;40.982
p23=-116.976;41.226
p24=-116.447;41.368
p25=-115.851;41.443
p26=-115.195;41.428
p27=-114.596;41.326
p28=-113.996;41.143
p29=-113.432;40.885
p30=-112.915;40.568
p31=-112.366;40.124
p32=-111.889;39.622
p33=-111.499;39.087
p34=-111.182;38.510
p35=-110.946;37.925
p36=-110.790;37.343
p37=-110.696;36.718
p38=-110.678;36.090
p39=-110.739;35.428
p40=-110.857;34.872
p41=-111.039;34.319
p42=-111.275;33.801

p43=-111.547;33.346
p44=-111.950;32.830
p45=-112.398;32.393
p46=-112.812;32.088
p47=-113.284;31.825
p48=-113.764;31.635
p49=-114.290;31.511
p50=-114.820;31.461

[C5]

gain=-10.00
n_point=50
p1=-115.050;31.016
p2=-115.644;31.084
p3=-116.205;31.228
p4=-116.763;31.449
p5=-117.288;31.733
p6=-117.818;32.109
p7=-118.333;32.571
p8=-118.820;33.124
p9=-119.216;33.692
p10=-119.502;34.206
p11=-119.803;34.899
p12=-120.002;35.531
p13=-120.139;36.213
p14=-120.203;36.906
p15=-120.187;37.573
p16=-120.103;38.203
p17=-119.924;38.887
p18=-119.687;39.479
p19=-119.313;40.118
p20=-118.876;40.652
p21=-118.370;41.111
p22=-117.790;41.483
p23=-117.177;41.753
p24=-116.590;41.911
p25=-115.929;41.994
p26=-115.202;41.977
p27=-114.537;41.864
p28=-113.872;41.661
p29=-113.248;41.374
p30=-112.676;41.022
p31=-112.070;40.530
p32=-111.546;39.974
p33=-111.119;39.382
p34=-110.772;38.745
p35=-110.517;38.099
p36=-110.350;37.457
p37=-110.250;36.770
p38=-110.235;36.079
p39=-110.307;35.352
p40=-110.439;34.743
p41=-110.642;34.136
p42=-110.904;33.569
p43=-111.205;33.071
p44=-111.648;32.506
p45=-112.139;32.030

p46=-112.594;31.696
p47=-113.110;31.408
p48=-113.635;31.201
p49=-114.210;31.066
p50=-114.790;31.011

[C6]

gain=-15.00
n_point=50
p1=-115.035;30.173
p2=-115.724;30.252
p3=-116.375;30.417
p4=-117.022;30.674
p5=-117.632;31.002
p6=-118.249;31.438
p7=-118.850;31.972
p8=-119.421;32.615
p9=-119.886;33.275
p10=-120.225;33.873
p11=-120.585;34.681
p12=-120.824;35.419
p13=-120.995;36.217
p14=-121.081;37.030
p15=-121.073;37.813
p16=-120.985;38.555
p17=-120.786;39.363
p18=-120.517;40.064
p19=-120.087;40.821
p20=-119.577;41.456
p21=-118.984;42.004
p22=-118.299;42.448
p23=-117.572;42.770
p24=-116.874;42.959
p25=-116.085;43.059
p26=-115.218;43.038
p27=-114.424;42.903
p28=-113.632;42.659
p29=-112.890;42.315
p30=-112.213;41.895
p31=-111.499;41.309
p32=-110.885;40.648
p33=-110.387;39.947
p34=-109.988;39.193
p35=-109.697;38.431
p36=-109.510;37.676
p37=-109.404;36.870
p38=-109.395;36.060
p39=-109.489;35.211
p40=-109.652;34.499
p41=-109.896;33.792
p42=-110.207;33.133
p43=-110.561;32.554
p44=-111.082;31.899
p45=-111.656;31.346
p46=-112.186;30.960
p47=-112.786;30.627
p48=-113.396;30.387

p49=-114.063;30.231
p50=-114.735;30.167

[C7]

gain=-20.00
n_point=50
p1=-115.027;29.605
p2=-115.779;29.691
p3=-116.490;29.871
p4=-117.197;30.151
p5=-117.864;30.509
p6=-118.540;30.984
p7=-119.199;31.569
p8=-119.827;32.271
p9=-120.340;32.993
p10=-120.715;33.648
p11=-121.115;34.534
p12=-121.385;35.343
p13=-121.580;36.221
p14=-121.683;37.115
p15=-121.683;37.979
p16=-121.594;38.798
p17=-121.384;39.691
p18=-121.095;40.467
p19=-120.628;41.308
p20=-120.070;42.014
p21=-119.417;42.623
p22=-118.659;43.118
p23=-117.852;43.478
p24=-117.076;43.689
p25=-116.198;43.801
p26=-115.231;43.776
p27=-114.347;43.625
p28=-113.465;43.352
p29=-112.641;42.969
p30=-111.890;42.501
p31=-111.102;41.848
p32=-110.426;41.114
p33=-109.881;40.336
p34=-109.447;39.502
p35=-109.133;38.660
p36=-108.934;37.827
p37=-108.825;36.938
p38=-108.824;36.048
p39=-108.934;35.115
p40=-109.118;34.335
p41=-109.391;33.560
p42=-109.737;32.839
p43=-110.128;32.205
p44=-110.701;31.489
p45=-111.331;30.886
p46=-111.912;30.463
p47=-112.569;30.100
p48=-113.236;29.838
p49=-113.964;29.668
p50=-114.698;29.599