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long_nom=-111.100
n_diag=1

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beam_id=KGU11
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-107.264;41.650

[C1]
gain=-2.00
n_point=51
p1=-107.695;38.811
p2=-108.007;38.868
p3=-108.285;38.960
p4=-108.561;39.097
p5=-108.816;39.267
p6=-109.064;39.487
p7=-109.289;39.748
p8=-109.493;40.063
p9=-109.634;40.355
p10=-109.746;40.675
p11=-109.821;40.994
p12=-109.866;41.369
p13=-109.869;41.706
p14=-109.833;42.075
p15=-109.756;42.440
p16=-109.644;42.781
p17=-109.487;43.125
p18=-109.277;43.469
p19=-109.051;43.753
p20=-108.765;44.036
p21=-108.484;44.249
p22=-108.162;44.435
p23=-107.844;44.568
p24=-107.514;44.656
p25=-107.173;44.701
p26=-106.800;44.693
p27=-106.490;44.643
p28=-106.185;44.548
p29=-105.887;44.408
p30=-105.596;44.213
p31=-105.358;43.997
p32=-105.112;43.700
p33=-104.928;43.393

p34=-104.797;43.092
p35=-104.691;42.725
p36=-104.636;42.394
p37=-104.618;42.015
p38=-104.642;41.656
p39=-104.707;41.283
p40=-104.803;40.949
p41=-104.939;40.606
p42=-105.100;40.295
p43=-105.310;39.977
p44=-105.545;39.695
p45=-105.814;39.438
p46=-106.090;39.231
p47=-106.359;39.073
p48=-106.651;38.944
p49=-106.969;38.852
p50=-107.278;38.806
p51=-107.609;38.803

[C2]

gain=-4.00
n_point=51
p1=-107.849;37.745
p2=-108.277;37.822
p3=-108.658;37.949
p4=-109.038;38.135
p5=-109.389;38.368
p6=-109.732;38.669
p7=-110.046;39.026
p8=-110.333;39.459
p9=-110.533;39.861
p10=-110.695;40.302
p11=-110.806;40.744
p12=-110.878;41.263
p13=-110.890;41.732
p14=-110.849;42.247
p15=-110.750;42.758
p16=-110.602;43.236
p17=-110.389;43.722
p18=-110.100;44.207
p19=-109.788;44.610
p20=-109.387;45.012
p21=-108.991;45.317
p22=-108.535;45.584
p23=-108.083;45.774
p24=-107.612;45.900
p25=-107.126;45.965
p26=-106.594;45.954
p27=-106.152;45.882
p28=-105.719;45.747
p29=-105.297;45.545
p30=-104.887;45.267
p31=-104.554;44.959
p32=-104.215;44.536
p33=-103.963;44.101
p34=-103.787;43.676
p35=-103.648;43.159

p36=-103.581;42.694
p37=-103.566;42.164
p38=-103.608;41.663
p39=-103.709;41.144
p40=-103.849;40.681
p41=-104.045;40.207
p42=-104.273;39.778
p43=-104.568;39.340
p44=-104.896;38.952
p45=-105.268;38.600
p46=-105.648;38.317
p47=-106.019;38.101
p48=-106.419;37.926
p49=-106.855;37.800
p50=-107.279;37.737
p51=-107.731;37.734

[C3]

gain=-6.00
n_point=51
p1=-107.957;36.983
p2=-108.466;37.075
p3=-108.921;37.225
p4=-109.375;37.447
p5=-109.796;37.725
p6=-110.208;38.083
p7=-110.586;38.509
p8=-110.935;39.026
p9=-111.179;39.506
p10=-111.379;40.034
p11=-111.518;40.564
p12=-111.612;41.188
p13=-111.633;41.752
p14=-111.592;42.374
p15=-111.481;42.993
p16=-111.309;43.573
p17=-111.059;44.163
p18=-110.714;44.754
p19=-110.339;45.247
p20=-109.854;45.740
p21=-109.373;46.115
p22=-108.816;46.442
p23=-108.262;46.677
p24=-107.685;46.833
p25=-107.087;46.914
p26=-106.433;46.900
p27=-105.891;46.811
p28=-105.361;46.645
p29=-104.846;46.396
p30=-104.347;46.055
p31=-103.946;45.676
p32=-103.539;45.158
p33=-103.240;44.626
p34=-103.034;44.109
p35=-102.876;43.480
p36=-102.803;42.915
p37=-102.794;42.274

p38=-102.854;41.669
p39=-102.983;41.045
p40=-103.158;40.488
p41=-103.399;39.919
p42=-103.678;39.406
p43=-104.036;38.882
p44=-104.430;38.420
p45=-104.877;38.000
p46=-105.333;37.663
p47=-105.775;37.406
p48=-106.253;37.198
p49=-106.772;37.048
p50=-107.277;36.974
p51=-107.816;36.970

[C4]

gain=-8.00
n_point=51
p1=-108.041;36.378
p2=-108.615;36.481
p3=-109.129;36.651
p4=-109.641;36.900
p5=-110.117;37.213
p6=-110.585;37.617
p7=-111.015;38.097
p8=-111.413;38.680
p9=-111.693;39.223
p10=-111.925;39.820
p11=-112.088;40.421
p12=-112.201;41.128
p13=-112.233;41.770
p14=-112.193;42.478
p15=-112.074;43.183
p16=-111.885;43.846
p17=-111.606;44.522
p18=-111.218;45.201
p19=-110.792;45.768
p20=-110.240;46.337
p21=-109.688;46.770
p22=-109.048;47.149
p23=-108.409;47.421
p24=-107.743;47.603
p25=-107.052;47.696
p26=-106.296;47.681
p27=-105.670;47.577
p28=-105.060;47.385
p29=-104.468;47.097
p30=-103.897;46.702
p31=-103.440;46.265
p32=-102.980;45.667
p33=-102.644;45.055
p34=-102.416;44.461
p35=-102.245;43.741
p36=-102.169;43.096
p37=-102.168;42.363
p38=-102.244;41.676
p39=-102.398;40.966

p40=-102.603;40.333
p41=-102.882;39.690
p42=-103.203;39.108
p43=-103.611;38.517
p44=-104.060;37.995
p45=-104.567;37.523
p46=-105.082;37.142
p47=-105.582;36.853
p48=-106.120;36.620
p49=-106.706;36.451
p50=-107.275;36.367
p51=-107.882;36.363

[C5]

gain=-10.00
n_point=51
p1=-108.108;35.889
p2=-108.735;36.002
p3=-109.295;36.186
p4=-109.855;36.458
p5=-110.376;36.799
p6=-110.889;37.239
p7=-111.361;37.763
p8=-111.800;38.400
p9=-112.110;38.993
p10=-112.368;39.646
p11=-112.552;40.304
p12=-112.682;41.080
p13=-112.723;41.784
p14=-112.686;42.563
p15=-112.562;43.340
p16=-112.360;44.072
p17=-112.059;44.819
p18=-111.636;45.571
p19=-111.170;46.200
p20=-110.562;46.832
p21=-109.952;47.314
p22=-109.242;47.738
p23=-108.532;48.041
p24=-107.791;48.244
p25=-107.021;48.349
p26=-106.179;48.332
p27=-105.482;48.216
p28=-104.804;48.001
p29=-104.148;47.681
p30=-103.518;47.240
p31=-103.015;46.754
p32=-102.512;46.089
p33=-102.148;45.411
p34=-101.904;44.753
p35=-101.723;43.956
p36=-101.648;43.244
p37=-101.655;42.438
p38=-101.745;41.681
p39=-101.921;40.902
p40=-102.151;40.208
p41=-102.462;39.503

p42=-102.816;38.867
p43=-103.267;38.221
p44=-103.760;37.651
p45=-104.315;37.136
p46=-104.879;36.721
p47=-105.425;36.406
p48=-106.013;36.152
p49=-106.652;35.969
p50=-107.273;35.877
p51=-107.935;35.873

[C6]

gain=-15.00
n_point=51
p1=-108.233;34.970
p2=-108.957;35.100
p3=-109.606;35.313
p4=-110.255;35.626
p5=-110.860;36.019
p6=-111.458;36.528
p7=-112.011;37.134
p8=-112.527;37.871
p9=-112.896;38.560
p10=-113.206;39.318
p11=-113.431;40.084
p12=-113.597;40.990
p13=-113.657;41.814
p14=-113.630;42.728
p15=-113.500;43.642
p16=-113.276;44.506
p17=-112.936;45.392
p18=-112.450;46.287
p19=-111.908;47.038
p20=-111.193;47.796
p21=-110.471;48.376
p22=-109.624;48.887
p23=-108.774;49.254
p24=-107.882;49.501
p25=-106.954;49.628
p26=-105.940;49.609
p27=-105.103;49.469
p28=-104.291;49.209
p29=-103.509;48.821
p30=-102.764;48.290
p31=-102.175;47.705
p32=-101.592;46.909
p33=-101.179;46.099
p34=-100.906;45.316
p35=-100.714;44.372
p36=-100.642;43.531
p37=-100.669;42.581
p38=-100.791;41.693
p39=-101.012;40.781
p40=-101.292;39.972
p41=-101.666;39.151
p42=-102.087;38.412
p43=-102.617;37.663

p44=-103.195;37.004
p45=-103.842;36.407
p46=-104.497;35.929
p47=-105.130;35.566
p48=-105.811;35.272
p49=-106.550;35.061
p50=-107.268;34.956
p51=-108.033;34.951

[C7]

gain=-20.00
n_point=51
p1=-108.315;34.353
p2=-109.105;34.495
p3=-109.812;34.727
p4=-110.522;35.068
p5=-111.184;35.496
p6=-111.838;36.050
p7=-112.446;36.710
p8=-113.016;37.515
p9=-113.426;38.268
p10=-113.772;39.097
p11=-114.026;39.936
p12=-114.218;40.929
p13=-114.294;41.835
p14=-114.275;42.841
p15=-114.145;43.850
p16=-113.909;44.806
p17=-113.545;45.788
p18=-113.019;46.783
p19=-112.425;47.621
p20=-111.638;48.469
p21=-110.838;49.119
p22=-109.895;49.693
p23=-108.944;50.107
p24=-107.944;50.385
p25=-106.903;50.530
p26=-105.765;50.508
p27=-104.826;50.350
p28=-103.919;50.057
p29=-103.049;49.622
p30=-102.224;49.025
p31=-101.577;48.370
p32=-100.943;47.480
p33=-100.498;46.576
p34=-100.210;45.706
p35=-100.013;44.659
p36=-99.948;43.729
p37=-99.992;42.681
p38=-100.139;41.703
p39=-100.393;40.701
p40=-100.710;39.813
p41=-101.127;38.914
p42=-101.594;38.106
p43=-102.179;37.287
p44=-102.814;36.568
p45=-103.524;35.918

p46=-104.241;35.397
p47=-104.932;35.001
p48=-105.675;34.682
p49=-106.480;34.453
p50=-107.263;34.338
p51=-108.097;34.333