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long_nom=-111.100
n_diag=1

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beam_id=KSU2
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-116.093;46.922

[C1]
gain=-2.00
n_point=52
p1=-116.191;43.712
p2=-116.531;43.797
p3=-116.863;43.929
p4=-117.175;44.095
p5=-117.465;44.292
p6=-117.810;44.585
p7=-118.109;44.905
p8=-118.363;45.240
p9=-118.593;45.608
p10=-118.779;45.982
p11=-118.930;46.358
p12=-119.041;46.747
p13=-119.128;47.196
p14=-119.156;47.612
p15=-119.141;48.026
p16=-119.077;48.417
p17=-118.974;48.768
p18=-118.803;49.165
p19=-118.573;49.511
p20=-118.312;49.801
p21=-118.012;50.048
p22=-117.697;50.231
p23=-117.355;50.368
p24=-117.005;50.453
p25=-116.620;50.491
p26=-116.218;50.474
p27=-115.838;50.403
p28=-115.438;50.276
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p30=-114.736;49.889
p31=-114.393;49.604
p32=-114.063;49.263
p33=-113.805;48.923

p34=-113.578;48.533
p35=-113.392;48.134
p36=-113.268;47.741
p37=-113.174;47.337
p38=-113.128;46.892
p39=-113.127;46.464
p40=-113.175;46.065
p41=-113.261;45.695
p42=-113.386;45.329
p43=-113.555;44.999
p44=-113.763;44.681
p45=-114.003;44.406
p46=-114.276;44.169
p47=-114.571;43.977
p48=-114.856;43.839
p49=-115.159;43.742
p50=-115.486;43.683
p51=-115.823;43.672
p52=-116.166;43.708

[C2]

gain=-4.00
n_point=52
p1=-116.237;42.521
p2=-116.701;42.635
p3=-117.153;42.814
p4=-117.580;43.039
p5=-117.978;43.308
p6=-118.454;43.707
p7=-118.868;44.144
p8=-119.224;44.602
p9=-119.549;45.109
p10=-119.815;45.624
p11=-120.036;46.143
p12=-120.203;46.684
p13=-120.339;47.312
p14=-120.394;47.894
p15=-120.391;48.477
p16=-120.318;49.031
p17=-120.188;49.529
p18=-119.962;50.097
p19=-119.650;50.594
p20=-119.288;51.011
p21=-118.869;51.369
p22=-118.421;51.634
p23=-117.933;51.834
p24=-117.429;51.957
p25=-116.874;52.012
p26=-116.292;51.986
p27=-115.743;51.882
p28=-115.166;51.697
p29=-114.636;51.441
p30=-114.160;51.134
p31=-113.675;50.723
p32=-113.211;50.234
p33=-112.855;49.748
p34=-112.545;49.192

p35=-112.295;48.628
p36=-112.135;48.074
p37=-112.016;47.508
p38=-111.967;46.887
p39=-111.979;46.292
p40=-112.058;45.739
p41=-112.190;45.229
p42=-112.372;44.727
p43=-112.613;44.274
p44=-112.906;43.840
p45=-113.241;43.464
p46=-113.619;43.142
p47=-114.025;42.880
p48=-114.416;42.693
p49=-114.830;42.561
p50=-115.276;42.482
p51=-115.736;42.466
p52=-116.203;42.514

[C3]

gain=-6.00
n_point=52
p1=-116.273;41.669
p2=-116.824;41.804
p3=-117.362;42.016
p4=-117.870;42.283
p5=-118.345;42.601
p6=-118.916;43.076
p7=-119.414;43.596
p8=-119.845;44.143
p9=-120.241;44.748
p10=-120.569;45.365
p11=-120.843;45.989
p12=-121.056;46.640
p13=-121.236;47.399
p14=-121.317;48.105
p15=-121.328;48.815
p16=-121.256;49.491
p17=-121.112;50.102
p18=-120.853;50.801
p19=-120.485;51.415
p20=-120.052;51.932
p21=-119.543;52.377
p22=-118.996;52.708
p23=-118.395;52.957
p24=-117.771;53.111
p25=-117.083;53.179
p26=-116.358;53.146
p27=-115.677;53.016
p28=-114.960;52.784
p29=-114.305;52.464
p30=-113.719;52.082
p31=-113.126;51.571
p32=-112.564;50.966
p33=-112.136;50.367
p34=-111.769;49.686
p35=-111.477;48.996

p36=-111.293;48.323
p37=-111.162;47.635
p38=-111.116;46.885
p39=-111.144;46.168
p40=-111.249;45.504
p41=-111.417;44.893
p42=-111.644;44.293
p43=-111.940;43.752
p44=-112.296;43.235
p45=-112.701;42.789
p46=-113.155;42.405
p47=-113.640;42.096
p48=-114.107;41.873
p49=-114.599;41.717
p50=-115.130;41.623
p51=-115.677;41.604
p52=-116.232;41.661

[C4]

gain=-8.00
n_point=52
p1=-116.302;41.007
p2=-116.920;41.159
p3=-117.525;41.396
p4=-118.097;41.695
p5=-118.631;42.052
p6=-119.275;42.584
p7=-119.839;43.168
p8=-120.330;43.784
p9=-120.783;44.466
p10=-121.161;45.163
p11=-121.480;45.869
p12=-121.731;46.607
p13=-121.948;47.469
p14=-122.055;48.274
p15=-122.083;49.085
p16=-122.015;49.861
p17=-121.865;50.564
p18=-121.584;51.370
p19=-121.176;52.081
p20=-120.688;52.681
p21=-120.109;53.201
p22=-119.482;53.586
p23=-118.788;53.877
p24=-118.064;54.057
p25=-117.264;54.136
p26=-116.420;54.098
p27=-115.626;53.944
p28=-114.793;53.672
p29=-114.034;53.298
p30=-113.359;52.852
p31=-112.678;52.259
p32=-112.038;51.558
p33=-111.554;50.867
p34=-111.144;50.082
p35=-110.821;49.292
p36=-110.623;48.522

p37=-110.485;47.738
p38=-110.444;46.884
p39=-110.487;46.072
p40=-110.616;45.321
p41=-110.813;44.630
p42=-111.078;43.954
p43=-111.417;43.346
p44=-111.824;42.765
p45=-112.283;42.264
p46=-112.797;41.833
p47=-113.344;41.486
p48=-113.870;41.237
p49=-114.423;41.062
p50=-115.020;40.957
p51=-115.633;40.935
p52=-116.256;40.999

[C5]

gain=-10.00
n_point=52
p1=-116.327;40.465
p2=-117.000;40.630
p3=-117.659;40.888
p4=-118.282;41.212
p5=-118.867;41.601
p6=-119.571;42.180
p7=-120.190;42.817
p8=-120.729;43.488
p9=-121.230;44.233
p10=-121.651;44.996
p11=-122.009;45.770
p12=-122.294;46.580
p13=-122.544;47.529
p14=-122.674;48.417
p15=-122.719;49.313
p16=-122.659;50.174
p17=-122.507;50.955
p18=-122.212;51.853
p19=-121.773;52.648
p20=-121.241;53.321
p21=-120.605;53.905
p22=-119.909;54.339
p23=-119.136;54.667
p24=-118.325;54.870
p25=-117.427;54.959
p26=-116.478;54.915
p27=-115.586;54.741
p28=-114.651;54.433
p29=-113.802;54.011
p30=-113.049;53.510
p31=-112.294;52.844
p32=-111.589;52.059
p33=-111.060;51.289
p34=-110.615;50.417
p35=-110.269;49.540
p36=-110.061;48.689
p37=-109.919;47.824

p38=-109.886;46.885
p39=-109.942;45.993
p40=-110.093;45.170
p41=-110.316;44.414
p42=-110.612;43.675
p43=-110.989;43.011
p44=-111.438;42.378
p45=-111.942;41.832
p46=-112.505;41.364
p47=-113.103;40.987
p48=-113.677;40.716
p49=-114.281;40.525
p50=-114.931;40.411
p51=-115.598;40.387
p52=-116.277;40.456

[C6]

gain=-15.00
n_point=52
p1=-116.375;39.458
p2=-117.150;39.647
p3=-117.910;39.942
p4=-118.629;40.315
p5=-119.305;40.761
p6=-120.122;41.427
p7=-120.844;42.161
p8=-121.477;42.936
p9=-122.070;43.799
p10=-122.573;44.684
p11=-123.006;45.585
p12=-123.360;46.532
p13=-123.681;47.644
p14=-123.863;48.691
p15=-123.950;49.753
p16=-123.913;50.776
p17=-123.767;51.711
p18=-123.457;52.793
p19=-122.968;53.755
p20=-122.359;54.576
p21=-121.616;55.291
p22=-120.789;55.825
p23=-119.857;56.231
p24=-118.872;56.482
p25=-117.774;56.591
p26=-116.610;56.535
p27=-115.516;56.318
p28=-114.373;55.935
p29=-113.342;55.414
p30=-112.436;54.798
p31=-111.537;53.985
p32=-110.709;53.033
p33=-110.098;52.105
p34=-109.593;51.061
p35=-109.207;50.017
p36=-108.986;49.009
p37=-108.844;47.990
p38=-108.829;46.888

p39=-108.917;45.846
p40=-109.112;44.888
p41=-109.388;44.011
p42=-109.745;43.155
p43=-110.193;42.388
p44=-110.721;41.658
p45=-111.312;41.029
p46=-111.967;40.491
p47=-112.660;40.057
p48=-113.323;39.746
p49=-114.020;39.528
p50=-114.769;39.396
p51=-115.537;39.369
p52=-116.318;39.448

[C7]

gain=-20.00
n_point=52
p1=-116.409;38.784
p2=-117.252;38.988
p3=-118.079;39.309
p4=-118.862;39.713
p5=-119.599;40.197
p6=-120.493;40.922
p7=-121.284;41.720
p8=-121.981;42.565
p9=-122.637;43.506
p10=-123.198;44.474
p11=-123.686;45.461
p12=-124.089;46.500
p13=-124.464;47.725
p14=-124.688;48.881
p15=-124.810;50.058
p16=-124.798;51.197
p17=-124.663;52.241
p18=-124.353;53.455
p19=-123.839;54.540
p20=-123.184;55.470
p21=-122.372;56.284
p22=-121.453;56.894
p23=-120.408;57.358
p24=-119.294;57.646
p25=-118.046;57.770
p26=-116.720;57.704
p27=-115.473;57.454
p28=-114.176;57.014
p29=-113.011;56.417
p30=-111.994;55.714
p31=-110.995;54.792
p32=-110.083;53.719
p33=-109.418;52.676
p34=-108.877;51.509
p35=-108.469;50.348
p36=-108.244;49.231
p37=-108.105;48.105
p38=-108.108;46.892
p39=-108.221;45.747

p40=-108.448;44.698
p41=-108.762;43.739
p42=-109.163;42.805
p43=-109.660;41.969
p44=-110.243;41.174
p45=-110.892;40.491
p46=-111.609;39.906
p47=-112.366;39.435
p48=-113.089;39.097
p49=-113.848;38.860
p50=-114.662;38.717
p51=-115.498;38.687
p52=-116.347;38.773