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sat\_name=Galaxy BSS-1  
long\_nom=-90.90  
n\_diag=1  
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emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=26  
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p42=-112.800;35.184  
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p18=-104.312;35.614  
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p76=-114.364;34.995

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p18=-73.211;-15.070  
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p622=-95.069;13.456  
p623=-94.785;13.416  
p624=-94.524;13.403  
p625=-94.306;13.370  
p626=-93.782;13.253  
p627=-93.679;13.236  
p628=-93.620;13.209  
p629=-93.533;13.149

p630=-93.100;12.881  
p631=-92.835;12.749  
p632=-92.588;12.547  
p633=-92.327;12.300  
p634=-92.121;12.172  
p635=-91.995;12.137  
p636=-91.704;12.006  
p637=-91.528;11.926  
p638=-91.160;11.763  
p639=-90.924;11.693  
p640=-90.363;11.455  
p641=-90.334;11.448  
p642=-90.327;11.445  
p643=-90.310;11.437  
p644=-89.680;11.269  
p645=-89.497;11.130  
p646=-89.188;10.928  
p647=-88.972;10.616  
p648=-88.854;10.433  
p649=-88.676;10.110  
p650=-88.516;9.943  
p651=-88.377;9.781  
p652=-88.063;9.570  
p653=-87.855;9.443  
p654=-87.518;9.290  
p655=-87.080;8.995  
p656=-87.035;8.967  
p657=-87.023;8.960  
p658=-87.014;8.949  
p659=-86.990;8.903  
p660=-86.719;8.444  
p661=-86.598;8.120  
p662=-86.530;7.815  
p663=-86.420;7.483  
p664=-86.369;7.294  
p665=-86.315;7.214  
p666=-86.237;7.116  
p667=-85.892;6.819  
p668=-85.443;6.470  
p669=-85.431;6.462  
p670=-85.423;6.455  
p671=-85.365;6.411  
p672=-84.962;6.113  
p673=-84.609;5.820  
p674=-84.508;5.749  
p675=-84.353;5.647  
p676=-84.009;5.430  
p677=-83.792;5.321  
p678=-83.419;5.275  
p679=-83.353;5.263  
p680=-82.967;5.220  
p681=-82.653;5.337  
p682=-82.306;5.474  
p683=-82.131;5.542  
[C10]  
gain=-8.00  
n\_point=73

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p2=-157.610;17.234  
p3=-156.852;17.266  
p4=-155.456;17.428  
p5=-154.801;17.485  
p6=-153.933;17.741  
p7=-152.584;18.044  
p8=-152.553;18.063  
p9=-152.513;18.081  
p10=-151.976;18.612  
p11=-151.455;18.955  
p12=-151.380;19.148  
p13=-151.120;19.432  
p14=-150.922;19.721  
p15=-150.704;19.887  
p16=-150.583;20.329  
p17=-150.463;20.510  
p18=-150.292;20.839  
p19=-150.432;20.994  
p20=-151.019;21.767  
p21=-151.110;21.860  
p22=-151.925;22.177  
p23=-152.740;22.491  
p24=-154.552;23.042  
p25=-154.955;23.122  
p26=-155.181;23.156  
p27=-155.715;23.239  
p28=-158.078;23.606  
p29=-159.963;23.843  
p30=-162.519;24.123  
p31=-165.044;24.371  
p32=-171.316;24.865  
p33=-171.322;24.785  
p34=-171.340;24.564  
p35=-171.345;24.497  
p36=-171.361;24.285  
p37=-171.377;24.067  
p38=-171.398;23.782  
p39=-171.417;23.535  
p40=-171.445;23.138  
p41=-171.456;22.989  
p42=-171.464;22.876  
p43=-171.496;22.404  
p44=-171.532;21.872  
p45=-171.534;21.844  
p46=-171.536;21.816  
p47=-171.575;21.211  
p48=-171.602;20.786  
p49=-171.614;20.582  
p50=-171.636;20.226  
p51=-171.654;19.929  
p52=-171.663;19.767  
p53=-171.684;19.406  
p54=-171.694;19.233  
p55=-171.717;18.819  
p56=-171.737;18.453  
p57=-171.740;18.396



p58=-171.758;18.062  
p59=-171.760;18.017  
p60=-171.761;17.993  
p61=-171.766;17.911  
p62=-171.767;17.887  
p63=-171.771;17.803  
p64=-171.772;17.783  
p65=-171.774;17.745  
p66=-171.773;17.769  
p67=-171.773;17.773  
p68=-171.771;17.797  
p69=-163.491;17.378  
p70=-162.328;17.311  
p71=-161.410;17.294  
p72=-158.243;17.222  
p73=-157.838;17.218  
[C11]  
gain=-20.00  
n\_point=95  
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p2=-172.200;2.992  
p3=-172.198;3.191  
p4=-172.196;3.382  
p5=-172.195;3.558  
p6=-172.193;3.767  
p7=-172.190;3.990  
p8=-172.188;4.225  
p9=-172.184;4.578  
p10=-172.183;4.641  
p11=-172.183;4.621  
p12=-172.182;4.673  
p13=-172.182;4.727  
p14=-172.181;4.768  
p15=-172.181;4.806  
p16=-172.180;4.858  
p17=-172.179;4.924  
p18=-172.176;5.176  
p19=-172.175;5.257  
p20=-172.171;5.507  
p21=-172.170;5.598  
p22=-172.168;5.712  
p23=-172.167;5.780  
p24=-172.165;5.878  
p25=-172.161;6.131  
p26=-172.160;6.208  
p27=-172.155;6.485  
p28=-172.153;6.617  
p29=-172.151;6.725  
p30=-172.150;6.783  
p31=-172.149;6.850  
p32=-172.141;7.266  
p33=-172.134;7.588  
p34=-172.132;7.682  
p35=-172.130;7.778  
p36=-172.121;8.199  
p37=-172.114;8.536  
p38=-172.112;8.615

p39=-172.109;8.737  
p40=-172.107;8.824  
p41=-172.106;8.850  
p42=-172.106;8.839  
p43=-172.106;8.871  
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p45=-172.108;8.770  
p46=-172.109;8.722  
p47=-172.111;8.654  
p48=-172.113;8.565  
p49=-172.119;8.317  
p50=-172.120;8.233  
p51=-172.121;8.189  
p52=-172.130;7.815  
p53=-172.133;7.633  
p54=-172.137;7.452  
p55=-172.137;7.432  
p56=-172.139;7.361  
p57=-172.143;7.165  
p58=-172.144;7.115  
p59=-172.144;7.100  
p60=-172.144;7.076  
p61=-172.145;7.067  
p62=-172.151;6.727  
p63=-172.154;6.552  
p64=-172.157;6.377  
p65=-172.158;6.342  
p66=-172.158;6.323  
p67=-172.159;6.268  
p68=-172.168;5.723  
p69=-172.170;5.544  
p70=-172.176;5.172  
p71=-172.180;4.846  
p72=-172.181;4.807  
p73=-172.181;4.819  
p74=-172.181;4.779  
p75=-172.182;4.741  
p76=-172.183;4.642  
p77=-172.184;4.512  
p78=-172.184;4.507  
p79=-172.188;4.190  
p80=-172.189;4.156  
p81=-172.190;3.984  
p82=-172.191;3.908  
p83=-172.192;3.802  
p84=-172.195;3.526  
p85=-172.197;3.258  
p86=-172.198;3.152  
p87=-172.199;3.043  
p88=-172.200;2.947  
p89=-172.201;2.877  
p90=-172.202;2.723  
p91=-172.202;2.722  
p92=-172.203;2.606  
p93=-172.202;2.700  
p94=-172.202;2.740  
p95=-172.201;2.830

[C12]  
gain=-20.00  
n\_point=57  
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p2=-95.008;3.432  
p3=-94.769;3.556  
p4=-94.771;3.669  
p5=-94.636;4.022  
p6=-94.596;4.197  
p7=-94.536;4.728  
p8=-94.514;4.839  
p9=-94.888;5.198  
p10=-95.138;5.549  
p11=-95.221;5.660  
p12=-95.242;5.667  
p13=-95.250;5.674  
p14=-95.272;5.682  
p15=-95.899;5.834  
p16=-96.073;5.929  
p17=-96.412;5.999  
p18=-96.554;6.004  
p19=-96.899;6.115  
p20=-97.282;6.103  
p21=-97.354;6.117  
p22=-97.724;6.099  
p23=-98.018;5.959  
p24=-98.534;5.666  
p25=-98.540;5.662  
p26=-98.544;5.659  
p27=-98.557;5.652  
p28=-99.061;5.363  
p29=-99.366;5.244  
p30=-99.629;5.109  
p31=-100.063;4.975  
p32=-100.191;4.925  
p33=-100.232;4.889  
p34=-100.314;4.848  
p35=-100.458;4.579  
p36=-100.540;4.381  
p37=-100.870;4.029  
p38=-100.372;3.832  
p39=-100.173;3.764  
p40=-99.881;3.741  
p41=-99.656;3.718  
p42=-99.343;3.693  
p43=-99.002;3.689  
p44=-98.863;3.683  
p45=-98.517;3.679  
p46=-98.139;3.651  
p47=-98.076;3.645  
p48=-97.693;3.618  
p49=-97.336;3.561  
p50=-97.203;3.538  
p51=-96.870;3.484  
p52=-96.629;3.447  
p53=-96.186;3.341  
p54=-96.050;3.317

p55=-95.932;3.325  
p56=-95.282;3.255  
p57=-95.233;3.259  
[C13]  
gain=-10.00  
n\_point=113  
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p2=-160.820;16.443  
p3=-159.800;16.426  
p4=-157.348;16.435  
p5=-156.949;16.433  
p6=-156.294;16.484  
p7=-155.111;16.602  
p8=-154.043;16.684  
p9=-153.353;16.841  
p10=-152.009;17.065  
p11=-151.854;17.119  
p12=-151.720;17.154  
p13=-150.922;17.550  
p14=-149.921;17.931  
p15=-149.910;17.942  
p16=-149.891;17.954  
p17=-149.288;18.454  
p18=-148.662;18.832  
p19=-148.585;18.931  
p20=-148.434;19.047  
p21=-147.872;19.395  
p22=-147.161;19.723  
p23=-147.082;19.824  
p24=-146.949;19.954  
p25=-146.363;20.270  
p26=-145.564;20.612  
p27=-145.543;20.669  
p28=-145.467;20.732  
p29=-144.929;20.903  
p30=-144.631;21.022  
p31=-143.819;21.155  
p32=-143.631;21.328  
p33=-143.377;21.474  
p34=-143.197;21.861  
p35=-142.782;22.352  
p36=-142.790;22.402  
p37=-142.789;22.416  
p38=-142.805;22.436  
p39=-142.920;22.549  
p40=-143.902;23.182  
p41=-144.403;23.480  
p42=-145.390;23.716  
p43=-145.865;23.829  
p44=-146.416;23.844  
p45=-147.602;23.847  
p46=-148.050;23.859  
p47=-148.396;23.851  
p48=-150.310;23.840  
p49=-150.400;23.839  
p50=-150.484;23.845  
p51=-152.968;24.101

p52=-153.415;24.131  
p53=-153.936;24.174  
p54=-156.083;24.412  
p55=-157.136;24.491  
p56=-158.562;24.618  
p57=-160.112;24.778  
p58=-162.405;24.962  
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p60=-167.289;25.361  
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p66=-171.325;24.749  
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p69=-171.382;24.006  
p70=-171.397;23.805  
p71=-171.406;23.679  
p72=-171.437;23.248  
p73=-171.454;23.014  
p74=-171.471;22.774  
p75=-171.475;22.713  
p76=-171.481;22.631  
p77=-171.515;22.123  
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p79=-171.553;21.546  
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p81=-171.588;21.010  
p82=-171.593;20.932  
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p84=-171.629;20.343  
p85=-171.633;20.281  
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p89=-171.711;18.926  
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p92=-171.764;17.940  
p93=-171.771;17.809  
p94=-171.789;17.458  
p95=-171.796;17.314  
p96=-171.803;17.172  
p97=-171.809;17.043  
p98=-171.816;16.904  
p99=-171.817;16.881  
p100=-171.817;16.881  
p101=-171.817;16.891  
p102=-171.816;16.901  
p103=-171.815;16.925  
p104=-171.814;16.940  
p105=-171.814;16.943  
p106=-171.814;16.957  
p107=-171.813;16.969  
p108=-170.656;16.933

p109=-169.273;16.860  
p110=-168.704;16.833  
p111=-164.702;16.632  
p112=-161.084;16.452  
p113=-160.941;16.444  
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gain=-8.00  
n\_point=744  
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p2=-91.707;14.550  
p3=-91.776;14.853  
p4=-91.513;15.210  
p5=-91.160;15.381  
p6=-90.993;15.544  
p7=-90.593;15.713  
p8=-90.396;15.802  
p9=-90.309;15.811  
p10=-90.131;15.893  
p11=-89.788;16.050  
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p13=-89.190;16.313  
p14=-88.941;16.579  
p15=-89.079;16.952  
p16=-89.205;17.211  
p17=-89.312;17.453  
p18=-89.392;17.502  
p19=-89.439;17.516  
p20=-89.540;17.556  
p21=-90.023;17.734  
p22=-90.298;17.858  
p23=-90.700;17.924  
p24=-90.837;18.003  
p25=-91.161;18.114  
p26=-91.475;18.014  
p27=-91.738;18.336  
p28=-91.327;18.504  
p29=-91.161;18.600  
p30=-90.894;18.948  
p31=-90.755;19.222  
p32=-90.433;19.368  
p33=-90.290;19.387  
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p36=-89.414;19.677  
p37=-89.060;19.754  
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p39=-88.534;19.928  
p40=-88.323;19.901  
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p42=-87.654;20.009  
p43=-87.310;19.760  
p44=-87.180;19.715  
p45=-87.192;19.636  
p46=-87.056;19.224  
p47=-87.017;19.010  
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p49=-86.251;18.050

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p54=-84.709;17.945  
p55=-84.505;18.062  
p56=-84.222;18.138  
p57=-83.990;18.111  
p58=-83.774;18.348  
p59=-84.154;18.401  
p60=-84.208;18.418  
p61=-84.397;18.542  
p62=-84.717;18.701  
p63=-85.047;19.231  
p64=-85.468;19.676  
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p105=-77.099;18.401  
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p160=-63.014;18.296  
p161=-63.082;18.638  
p162=-63.314;18.832  
p163=-63.502;19.016



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p165=-64.177;19.520  
p166=-64.340;19.584  
p167=-64.408;19.622  
p168=-64.593;19.685  
p169=-65.048;19.810  
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p171=-65.769;20.023  
p172=-66.051;20.119  
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p202=-71.617;21.767  
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p204=-72.204;21.869  
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p100=-151.805;28.791  
p101=-153.247;28.855  
p102=-154.201;28.922  
p103=-155.461;28.754  
p104=-155.679;28.738  
p105=-157.057;28.627  
p106=-157.459;28.546  
p107=-158.449;28.456  
p108=-159.923;28.386  
p109=-160.699;28.394  
p110=-162.119;28.447  
p111=-164.945;28.556  
p112=-170.961;28.937  
p113=-170.984;28.696  
p114=-170.989;28.640  
p115=-171.012;28.395  
p116=-171.036;28.140  
p117=-171.049;28.004  
p118=-171.070;27.779  
p119=-171.084;27.624  
p120=-171.119;27.231  
p121=-171.132;27.086  
p122=-171.135;27.044  
p123=-171.145;26.930  
p124=-171.178;26.551  
p125=-171.201;26.283  
p126=-171.224;26.012  
p127=-171.254;25.644  
p128=-171.271;25.430  
p129=-171.281;25.313  
p130=-171.316;24.870  
p131=-171.326;24.743  
p132=-171.347;24.468  
p133=-171.356;24.353  
p134=-171.380;24.028  
p135=-171.390;23.902  
p136=-171.394;23.837  
p137=-171.422;23.460  
p138=-171.429;23.370  
p139=-171.457;22.974  
p140=-171.466;22.840  
p141=-171.477;22.690  
p142=-171.504;22.284  
p143=-171.527;21.949  
p144=-171.540;21.754  
p145=-171.561;21.422  
p146=-171.570;21.286  
p147=-171.576;21.200  
p148=-171.602;20.785  
p149=-171.604;20.756  
p150=-171.626;20.395  
p151=-171.632;20.290

p152=-171.639;20.170  
p153=-171.664;19.754  
p154=-171.685;19.384  
p155=-171.694;19.229  
p156=-171.702;19.088  
p157=-171.724;18.685  
p158=-171.747;18.257  
p159=-171.753;18.148  
p160=-171.757;18.068  
p161=-171.775;17.734  
p162=-171.783;17.562  
p163=-171.806;17.119  
p164=-171.812;16.995  
p165=-171.820;16.814  
p166=-171.838;16.448  
p167=-171.852;16.137  
p168=-171.863;15.916  
p169=-171.877;15.589  
p170=-171.888;15.351  
p171=-171.894;15.215  
p172=-171.902;15.008  
p173=-171.917;14.649  
p174=-171.927;14.410  
p175=-171.934;14.229  
p176=-171.950;13.837  
p177=-171.953;13.754  
p178=-171.955;13.709  
p179=-171.963;13.491  
p180=-171.967;13.377  
p181=-171.970;13.309  
p182=-171.974;13.198  
p183=-171.976;13.136  
p184=-171.977;13.114  
p185=-171.978;13.085  
p186=-171.979;13.062  
p187=-171.980;13.026  
p188=-171.980;13.045  
p189=-171.979;13.056  
p190=-171.979;13.070  
p191=-171.978;13.088  
p192=-171.977;13.109  
p193=-171.977;13.113  
p194=-171.977;13.120  
p195=-171.976;13.155  
p196=-171.973;13.240  
p197=-171.972;13.245

[C19]

gain=-4.00

n\_point=314

p1=-80.325;22.667

p2=-80.187;22.777

p3=-79.998;22.908

p4=-79.654;23.221

p5=-79.322;23.446

p6=-79.099;23.652

p7=-78.866;23.857

p8=-78.627;24.187

p9=-78.236;24.708  
p10=-78.191;24.776  
p11=-78.173;24.813  
p12=-78.160;24.870  
p13=-77.927;25.575  
p14=-77.882;25.775  
p15=-77.840;26.006  
p16=-77.738;26.478  
p17=-77.688;26.748  
p18=-77.648;27.031  
p19=-77.599;27.461  
p20=-77.559;27.734  
p21=-77.549;27.979  
p22=-77.551;28.577  
p23=-77.545;28.731  
p24=-77.534;28.857  
p25=-77.480;29.697  
p26=-77.476;29.744  
p27=-77.456;29.799  
p28=-77.190;30.583  
p29=-77.115;30.779  
p30=-76.892;31.178  
p31=-76.796;31.371  
p32=-76.485;31.839  
p33=-76.327;32.095  
p34=-76.014;32.421  
p35=-75.797;32.770  
p36=-75.660;32.923  
p37=-75.239;33.437  
p38=-74.613;33.999  
p39=-74.595;34.024  
p40=-74.585;34.037  
p41=-74.562;34.072  
p42=-74.093;34.828  
p43=-73.851;35.166  
p44=-73.574;35.650  
p45=-73.344;35.978  
p46=-73.120;36.321  
p47=-73.032;36.485  
p48=-72.778;36.823  
p49=-72.468;37.339  
p50=-72.330;37.506  
p51=-71.987;37.976  
p52=-71.856;38.177  
p53=-71.347;38.730  
p54=-71.169;38.965  
p55=-70.816;39.331  
p56=-70.472;39.802  
p57=-70.322;39.989  
p58=-70.071;40.376  
p59=-69.818;40.780  
p60=-69.469;41.280  
p61=-69.150;41.829  
p62=-68.934;42.140  
p63=-68.634;42.610  
p64=-68.457;42.949  
p65=-67.770;43.904

p66=-67.719;43.990  
p67=-67.682;44.063  
p68=-67.485;44.327  
p69=-66.843;45.216  
p70=-66.614;45.431  
p71=-66.298;45.861  
p72=-65.917;46.391  
p73=-65.490;46.932  
p74=-65.257;47.494  
p75=-65.027;47.924  
p76=-64.765;48.474  
p77=-64.784;48.741  
p78=-64.768;49.185  
p79=-64.928;49.593  
p80=-64.998;50.025  
p81=-65.428;50.225  
p82=-65.596;50.309  
p83=-65.960;50.399  
p84=-66.464;50.513  
p85=-66.943;50.643  
p86=-67.636;50.713  
p87=-67.722;50.721  
p88=-68.400;50.791  
p89=-69.002;50.776  
p90=-69.351;50.749  
p91=-69.954;50.734  
p92=-70.559;50.693  
p93=-70.894;50.646  
p94=-71.517;50.607  
p95=-72.133;50.580  
p96=-72.409;50.557  
p97=-73.028;50.531  
p98=-73.617;50.523  
p99=-73.927;50.534  
p100=-74.489;50.528  
p101=-75.027;50.515  
p102=-75.454;50.574  
p103=-75.920;50.566  
p104=-76.446;50.492  
p105=-76.922;50.540  
p106=-77.392;50.447  
p107=-78.138;50.105  
p108=-79.117;49.353  
p109=-78.677;48.558  
p110=-78.423;47.830  
p111=-78.420;47.627  
p112=-78.322;47.334  
p113=-78.214;46.676  
p114=-78.161;46.360  
p115=-78.401;46.066  
p116=-78.725;45.797  
p117=-79.359;45.537  
p118=-79.512;45.514  
p119=-80.100;45.340  
p120=-80.498;45.316  
p121=-80.938;45.335  
p122=-81.360;45.313

p123=-81.775;45.317  
p124=-82.167;45.333  
p125=-82.603;45.337  
p126=-83.060;45.342  
p127=-83.373;45.351  
p128=-83.842;45.357  
p129=-84.323;45.347  
p130=-84.606;45.340  
p131=-85.083;45.332  
p132=-85.527;45.287  
p133=-85.925;45.241  
p134=-86.330;45.199  
p135=-86.661;45.150  
p136=-87.361;45.011  
p137=-87.572;44.978  
p138=-87.741;44.963  
p139=-88.759;44.812  
p140=-88.799;44.808  
p141=-88.837;44.809  
p142=-90.002;44.778  
p143=-90.015;44.778  
p144=-90.029;44.780  
p145=-91.150;44.853  
p146=-91.229;44.861  
p147=-91.317;44.865  
p148=-92.322;44.909  
p149=-92.446;44.915  
p150=-92.568;44.909  
p151=-93.627;44.813  
p152=-93.659;44.811  
p153=-93.685;44.807  
p154=-93.778;44.777  
p155=-94.627;44.526  
p156=-94.848;44.447  
p157=-95.382;44.063  
p158=-95.776;43.670  
p159=-95.966;43.487  
p160=-95.985;43.463  
p161=-95.996;43.439  
p162=-96.139;43.219  
p163=-96.449;42.741  
p164=-96.817;42.133  
p165=-96.882;42.011  
p166=-96.978;41.881  
p167=-97.501;41.488  
p168=-97.536;41.473  
p169=-98.053;41.203  
p170=-98.349;41.206  
p171=-98.872;41.264  
p172=-99.214;41.269  
p173=-99.586;41.306  
p174=-99.985;41.348  
p175=-100.390;41.389  
p176=-100.778;41.358  
p177=-101.218;41.287  
p178=-101.531;41.258  
p179=-101.735;41.189

p180=-102.099;40.963  
p181=-102.421;40.777  
p182=-102.578;40.665  
p183=-102.985;40.265  
p184=-103.373;39.753  
p185=-103.405;39.635  
p186=-103.474;39.434  
p187=-103.709;38.915  
p188=-103.951;38.558  
p189=-103.816;38.031  
p190=-103.889;37.753  
p191=-103.743;37.371  
p192=-103.188;37.189  
p193=-103.030;37.195  
p194=-102.417;36.741  
p195=-102.290;36.653  
p196=-101.785;36.297  
p197=-101.711;36.237  
p198=-101.637;36.167  
p199=-101.593;36.012  
p200=-101.382;35.293  
p201=-101.314;35.034  
p202=-101.408;34.873  
p203=-101.538;34.715  
p204=-101.847;34.325  
p205=-102.126;33.948  
p206=-102.273;33.776  
p207=-102.417;33.620  
p208=-102.831;33.354  
p209=-103.159;32.888  
p210=-103.193;32.761  
p211=-103.209;32.091  
p212=-103.239;31.891  
p213=-103.213;31.827  
p214=-103.206;31.778  
p215=-103.228;30.979  
p216=-103.200;30.782  
p217=-103.231;30.511  
p218=-103.274;30.127  
p219=-103.319;29.758  
p220=-103.234;29.306  
p221=-103.211;29.184  
p222=-103.129;28.742  
p223=-102.903;28.519  
p224=-102.649;28.220  
p225=-102.390;27.963  
p226=-102.214;27.730  
p227=-101.861;27.440  
p228=-101.536;27.022  
p229=-101.375;26.883  
p230=-101.275;26.732  
p231=-100.915;26.311  
p232=-100.778;26.057  
p233=-100.591;25.754  
p234=-100.524;25.675  
p235=-100.437;25.567  
p236=-100.001;25.199

p237=-99.592;24.786  
p238=-99.489;24.723  
p239=-99.426;24.689  
p240=-99.273;24.630  
p241=-98.798;24.453  
p242=-98.474;24.324  
p243=-98.075;24.226  
p244=-97.878;24.165  
p245=-97.539;24.073  
p246=-97.299;24.063  
p247=-96.814;24.012  
p248=-96.620;24.004  
p249=-96.330;24.113  
p250=-96.094;24.196  
p251=-95.723;24.350  
p252=-95.541;24.549  
p253=-95.364;24.745  
p254=-95.176;25.095  
p255=-94.852;25.511  
p256=-94.796;25.631  
p257=-94.745;25.694  
p258=-94.482;26.100  
p259=-94.431;26.192  
p260=-94.329;26.264  
p261=-93.961;26.559  
p262=-93.913;26.604  
p263=-93.794;26.654  
p264=-93.350;26.976  
p265=-93.041;27.095  
p266=-92.637;27.201  
p267=-92.501;27.213  
p268=-92.108;27.292  
p269=-91.798;27.298  
p270=-91.492;27.288  
p271=-91.171;27.294  
p272=-90.824;27.258  
p273=-90.601;27.239  
p274=-90.236;27.200  
p275=-89.790;27.154  
p276=-89.749;27.152  
p277=-89.301;27.100  
p278=-88.876;27.088  
p279=-88.781;27.076  
p280=-88.367;27.062  
p281=-87.967;27.063  
p282=-87.815;27.047  
p283=-87.431;27.048  
p284=-87.099;26.997  
p285=-86.692;26.847  
p286=-86.505;26.806  
p287=-86.416;26.748  
p288=-86.339;26.653  
p289=-85.911;26.327  
p290=-85.617;25.922  
p291=-85.528;25.791  
p292=-85.483;25.692  
p293=-85.182;25.226



p294=-85.156;25.175  
p295=-84.924;24.741  
p296=-84.866;24.639  
p297=-84.776;24.475  
p298=-84.464;24.142  
p299=-84.182;23.803  
p300=-84.046;23.666  
p301=-83.919;23.536  
p302=-83.506;23.311  
p303=-83.334;23.187  
p304=-83.044;22.989  
p305=-82.973;22.954  
p306=-82.874;22.880  
p307=-82.362;22.675  
p308=-82.163;22.580  
p309=-81.782;22.496  
p310=-81.674;22.471  
p311=-81.267;22.383  
p312=-80.876;22.513  
p313=-80.666;22.567  
p314=-80.325;22.667  
[C20]  
gain=-20.00  
n\_point=51  
p1=-70.210;-1.180  
p2=-70.052;-1.110  
p3=-69.795;-0.967  
p4=-69.592;-0.708  
p5=-69.304;-0.392  
p6=-69.199;-0.241  
p7=-69.134;-0.146  
p8=-69.176;-0.032  
p9=-69.301;0.156  
p10=-69.539;0.462  
p11=-69.712;0.683  
p12=-70.019;0.848  
p13=-70.195;1.022  
p14=-70.537;1.196  
p15=-70.763;1.513  
p16=-70.912;1.669  
p17=-71.073;2.036  
p18=-71.349;2.084  
p19=-71.444;2.340  
p20=-71.859;2.429  
p21=-71.953;2.467  
p22=-72.085;2.464  
p23=-72.477;2.343  
p24=-72.169;2.148  
p25=-72.057;1.597  
p26=-72.018;1.518  
p27=-71.998;1.496  
p28=-71.975;1.416  
p29=-71.624;1.024  
p30=-71.575;0.693  
p31=-71.723;0.447  
p32=-71.991;0.108  
p33=-72.055;-0.069

p34=-72.103;-0.127  
p35=-72.255;-0.369  
p36=-72.353;-0.616  
p37=-72.743;-0.821  
p38=-72.877;-0.911  
p39=-72.897;-0.925  
p40=-72.960;-0.944  
p41=-72.920;-0.985  
p42=-72.877;-1.031  
p43=-72.668;-1.141  
p44=-72.392;-1.317  
p45=-71.995;-1.442  
p46=-71.626;-1.434  
p47=-71.502;-1.412  
p48=-71.106;-1.407  
p49=-70.732;-1.305  
p50=-70.537;-1.261  
p51=-70.210;-1.180  
[C21]  
gain=-20.00  
n\_point=111  
p1=-91.177;-6.588  
p2=-90.643;-6.304  
p3=-90.704;-6.112  
p4=-90.617;-5.767  
p5=-90.862;-5.452  
p6=-90.875;-5.249  
p7=-90.974;-4.947  
p8=-91.034;-4.807  
p9=-91.039;-4.264  
p10=-91.071;-4.130  
p11=-91.065;-4.021  
p12=-91.002;-3.484  
p13=-90.994;-3.313  
p14=-90.949;-3.090  
p15=-90.907;-2.763  
p16=-90.842;-2.498  
p17=-90.824;-2.151  
p18=-90.826;-2.029  
p19=-90.805;-1.684  
p20=-90.856;-1.370  
p21=-90.909;-1.130  
p22=-90.956;-0.870  
p23=-90.977;-0.678  
p24=-91.114;-0.109  
p25=-91.122;-0.056  
p26=-91.126;-0.015  
p27=-91.160;0.752  
p28=-91.161;0.758  
p29=-91.163;0.761  
p30=-91.166;0.777  
p31=-91.477;1.259  
p32=-91.470;1.572  
p33=-91.712;1.837  
p34=-91.784;2.194  
p35=-91.864;2.387  
p36=-91.921;2.442

p37=-91.976;2.504  
p38=-92.165;2.577  
p39=-92.510;2.667  
p40=-92.789;2.828  
p41=-93.187;2.804  
p42=-93.207;2.808  
p43=-93.602;2.761  
p44=-93.880;2.668  
p45=-93.999;2.389  
p46=-93.717;2.272  
p47=-93.600;2.137  
p48=-93.279;1.895  
p49=-93.089;1.574  
p50=-92.942;1.419  
p51=-92.788;1.201  
p52=-92.489;1.059  
p53=-92.199;0.759  
p54=-92.464;0.434  
p55=-92.788;0.318  
p56=-92.992;0.151  
p57=-93.406;0.140  
p58=-93.599;0.078  
p59=-93.692;0.039  
p60=-94.361;-0.003  
p61=-94.411;-0.016  
p62=-94.442;-0.023  
p63=-94.670;-0.053  
p64=-95.033;-0.245  
p65=-95.225;-0.353  
p66=-95.479;-0.614  
p67=-95.740;-0.868  
p68=-95.705;-1.203  
p69=-95.696;-1.337  
p70=-95.656;-1.682  
p71=-95.683;-2.042  
p72=-95.767;-2.221  
p73=-95.811;-2.497  
p74=-95.891;-2.651  
p75=-96.046;-2.793  
p76=-96.443;-2.918  
p77=-96.464;-2.915  
p78=-96.864;-2.978  
p79=-97.110;-3.070  
p80=-97.449;-3.082  
p81=-97.684;-3.135  
p82=-97.784;-3.217  
p83=-98.024;-3.317  
p84=-97.915;-3.544  
p85=-97.689;-3.705  
p86=-97.352;-3.650  
p87=-97.211;-3.657  
p88=-96.868;-3.618  
p89=-96.554;-3.629  
p90=-96.345;-3.608  
p91=-96.051;-3.622  
p92=-95.733;-3.811  
p93=-95.453;-4.130

p94=-95.311;-4.202  
p95=-95.239;-4.273  
p96=-94.796;-4.575  
p97=-94.427;-4.827  
p98=-94.342;-4.861  
p99=-94.036;-4.947  
p100=-93.668;-5.001  
p101=-93.614;-5.003  
p102=-93.543;-5.018  
p103=-92.951;-5.097  
p104=-92.801;-5.136  
p105=-92.481;-5.269  
p106=-92.335;-5.296  
p107=-91.989;-5.619  
p108=-91.860;-5.637  
p109=-91.773;-5.766  
p110=-91.424;-6.017  
p111=-91.177;-6.588  
[C22]  
gain=-20.00  
n\_point=1386  
p1=-84.621;-7.751  
p2=-84.439;-7.619  
p3=-84.108;-7.437  
p4=-83.957;-7.283  
p5=-83.804;-7.178  
p6=-83.542;-6.882  
p7=-83.109;-6.619  
p8=-83.063;-6.543  
p9=-82.987;-6.470  
p10=-82.682;-6.108  
p11=-82.206;-5.840  
p12=-82.169;-5.815  
p13=-82.161;-5.810  
p14=-82.136;-5.803  
p15=-82.141;-5.774  
p16=-82.171;-5.708  
p17=-82.351;-5.152  
p18=-82.416;-4.980  
p19=-82.699;-4.669  
p20=-82.897;-4.273  
p21=-82.966;-4.157  
p22=-82.915;-4.058  
p23=-82.746;-3.610  
p24=-82.507;-3.341  
p25=-82.399;-3.141  
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p4=-17.662;58.423  
p5=-17.619;58.336  
p6=-17.554;58.202  
p7=-17.496;58.080  
p8=-17.434;57.951  
p9=-17.424;57.929  
p10=-17.405;57.890  
p11=-17.426;57.933  
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p14=-17.586;58.268  
p15=-17.779;58.660

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p17=-17.792;58.687  
p18=-17.795;58.693  
p19=-17.801;58.704  
p20=-18.056;59.207  
p21=-18.137;59.362  
p22=-18.216;59.512  
p23=-18.368;59.796  
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p33=-19.583;61.876  
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p35=-19.831;62.263  
p36=-19.931;62.415  
p37=-20.090;62.654  
p38=-20.139;62.727  
p39=-20.184;62.793  
p40=-20.199;62.815  
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p46=-20.239;62.874  
p47=-20.111;62.686  
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p49=-19.976;62.483  
p50=-19.858;62.304  
p51=-19.675;62.021  
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p54=-19.311;61.438  
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p56=-19.103;61.094  
p57=-18.997;60.914  
p58=-18.775;60.531  
p59=-18.536;60.104  
p60=-18.512;60.060  
p61=-18.496;60.031  
p62=-18.389;59.835  
p63=-18.243;59.563  
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p5=-23.365;66.729  
p6=-23.344;66.708  
p7=-23.503;66.873  
p8=-23.613;66.985  
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p46=-24.980;68.287  
p47=-24.760;68.089  
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p49=-24.372;67.728  
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p3=-79.581;21.988

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p320=-107.863;29.514  
p321=-107.350;29.303  
p322=-106.907;28.990  
p323=-106.720;28.869  
p324=-106.682;28.857  
p325=-106.632;28.820  
p326=-105.957;28.497  
p327=-105.627;28.352  
p328=-105.207;28.180  
p329=-104.883;28.075  
p330=-104.574;27.962  
p331=-104.459;27.876  
p332=-104.317;27.770  
p333=-103.772;27.513  
p334=-103.516;27.412  
p335=-103.116;27.129  
p336=-102.677;26.756  
p337=-102.561;26.642  
p338=-102.438;26.532  
p339=-102.056;26.113  
p340=-101.803;25.772  
p341=-101.633;25.505  
p342=-101.334;25.126  
p343=-101.179;24.945  
p344=-101.064;24.805  
p345=-100.688;24.439

p346=-100.309;24.160  
p347=-100.108;24.042  
p348=-99.736;23.843  
p349=-99.479;23.707  
p350=-99.346;23.663  
p351=-99.101;23.591  
p352=-98.763;23.477  
p353=-98.410;23.385  
p354=-98.010;23.293  
p355=-97.846;23.254  
p356=-97.485;23.169  
p357=-97.235;23.139  
p358=-96.738;23.051  
p359=-96.571;23.029  
p360=-96.402;23.053  
p361=-95.878;23.088  
p362=-95.670;23.123  
p363=-95.275;23.383  
p364=-94.797;23.799  
p365=-94.790;23.806  
p366=-94.483;24.399  
p367=-94.293;24.738  
p368=-94.156;24.987  
p369=-93.923;25.264  
p370=-93.760;25.512  
p371=-93.551;25.687  
p372=-93.275;25.953  
p373=-93.020;26.093  
p374=-92.646;26.254  
p375=-92.432;26.298  
p376=-92.098;26.404  
p377=-91.886;26.424  
p378=-91.361;26.446  
p379=-91.170;26.463  
p380=-90.977;26.443  
p381=-90.469;26.407  
p382=-90.242;26.383  
p383=-89.942;26.329  
p384=-89.645;26.299  
p385=-89.317;26.230  
p386=-88.861;26.154  
p387=-88.843;26.148  
p388=-88.394;26.055  
p389=-88.089;25.999  
p390=-87.627;25.840  
p391=-87.477;25.804  
p392=-87.391;25.773  
p393=-87.247;25.683  
p394=-86.824;25.420  
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p398=-86.045;24.377  
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p400=-85.740;23.794  
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p403=-85.440;23.188  
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p405=-85.079;22.660  
p406=-84.888;22.493  
p407=-84.589;22.263  
p408=-84.082;21.949  
p409=-84.041;21.927  
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p412=-83.402;21.681  
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p414=-82.742;21.457  
p415=-82.612;21.410  
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p3=-92.638;20.411  
p4=-92.920;20.287  
p5=-93.092;20.298  
p6=-93.601;20.328  
p7=-93.801;20.341  
p8=-94.148;20.479  
p9=-94.293;20.530  
p10=-94.692;20.712  
p11=-94.918;20.805  
p12=-95.430;21.037  
p13=-95.424;21.212  
p14=-95.321;21.650  
p15=-95.318;21.949  
p16=-94.898;22.114  
p17=-94.738;22.238  
p18=-94.491;22.599  
p19=-94.422;22.865  
p20=-94.211;23.217  
p21=-94.077;23.588  
p22=-93.987;23.794  
p23=-93.951;23.863  
p24=-93.887;23.973  
p25=-93.668;24.492  
p26=-93.555;24.734  
p27=-93.319;25.063  
p28=-93.005;25.339  
p29=-92.816;25.485  
p30=-92.365;25.683  
p31=-92.183;25.778  
p32=-92.092;25.807  
p33=-91.959;25.819  
p34=-91.383;25.903

p35=-91.169;25.922  
p36=-90.957;25.900  
p37=-90.382;25.820  
p38=-90.247;25.805  
p39=-90.143;25.787  
p40=-89.759;25.679  
p41=-89.416;25.587  
p42=-89.328;25.547  
p43=-89.128;25.469  
p44=-88.730;25.349  
p45=-88.417;25.189  
p46=-88.106;25.053  
p47=-87.593;24.729  
p48=-87.568;24.675  
p49=-87.518;24.590  
p50=-87.257;24.075  
p51=-87.087;23.788  
p52=-87.145;23.362  
p53=-87.247;23.183  
p54=-87.335;22.856  
p55=-87.428;22.701  
p56=-87.580;22.648  
p57=-87.778;22.651  
p58=-88.165;22.529  
p59=-88.480;22.532  
p60=-88.900;22.422  
p61=-88.942;22.404  
p62=-89.378;22.329  
p63=-89.637;22.196  
p64=-90.163;22.045  
p65=-90.274;22.003  
p66=-90.320;21.979  
p67=-90.434;21.932  
p68=-90.822;21.580  
p69=-91.164;21.378  
p70=-91.382;21.245  
p71=-91.814;21.022  
p72=-91.885;20.857  
p73=-92.044;20.709