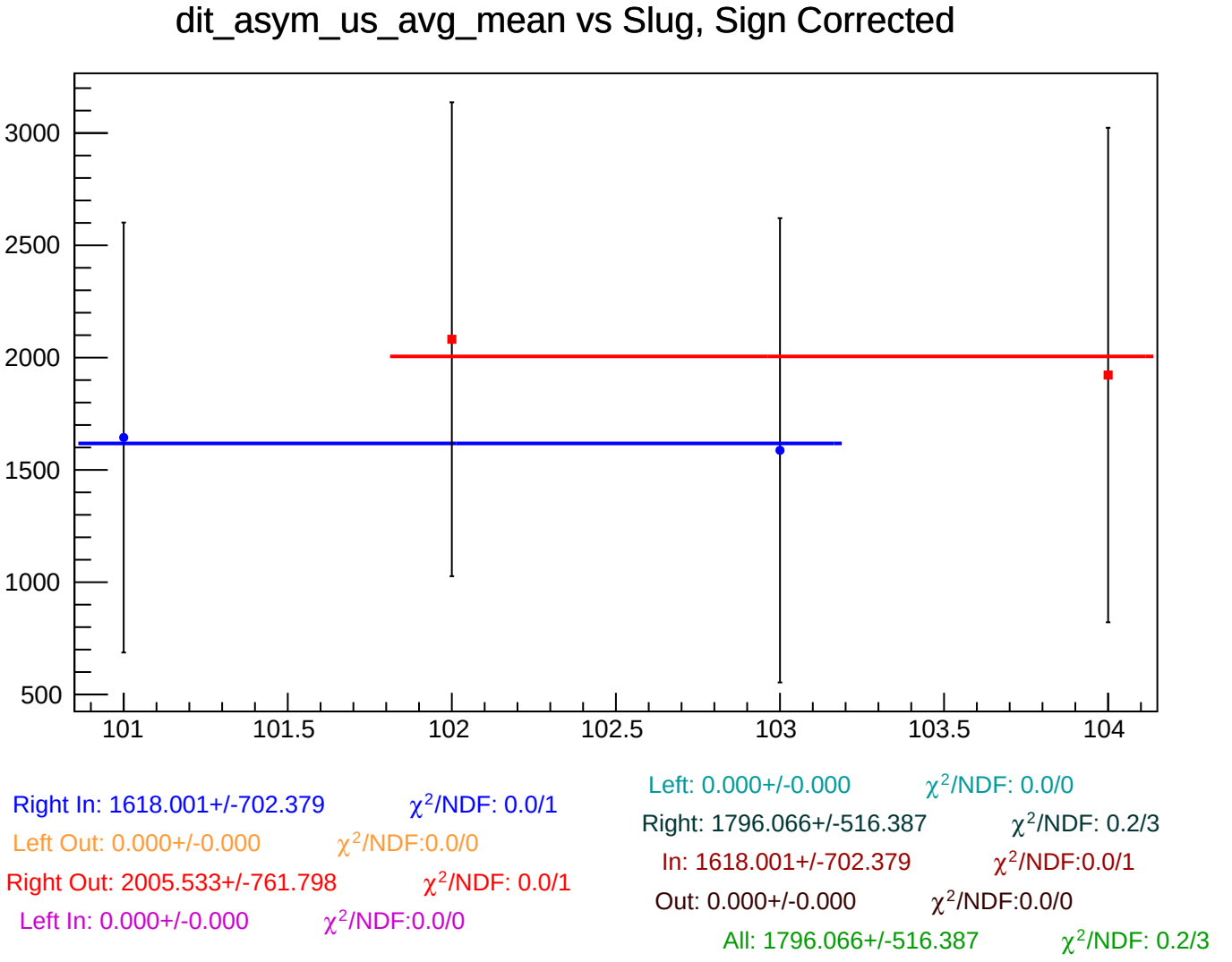
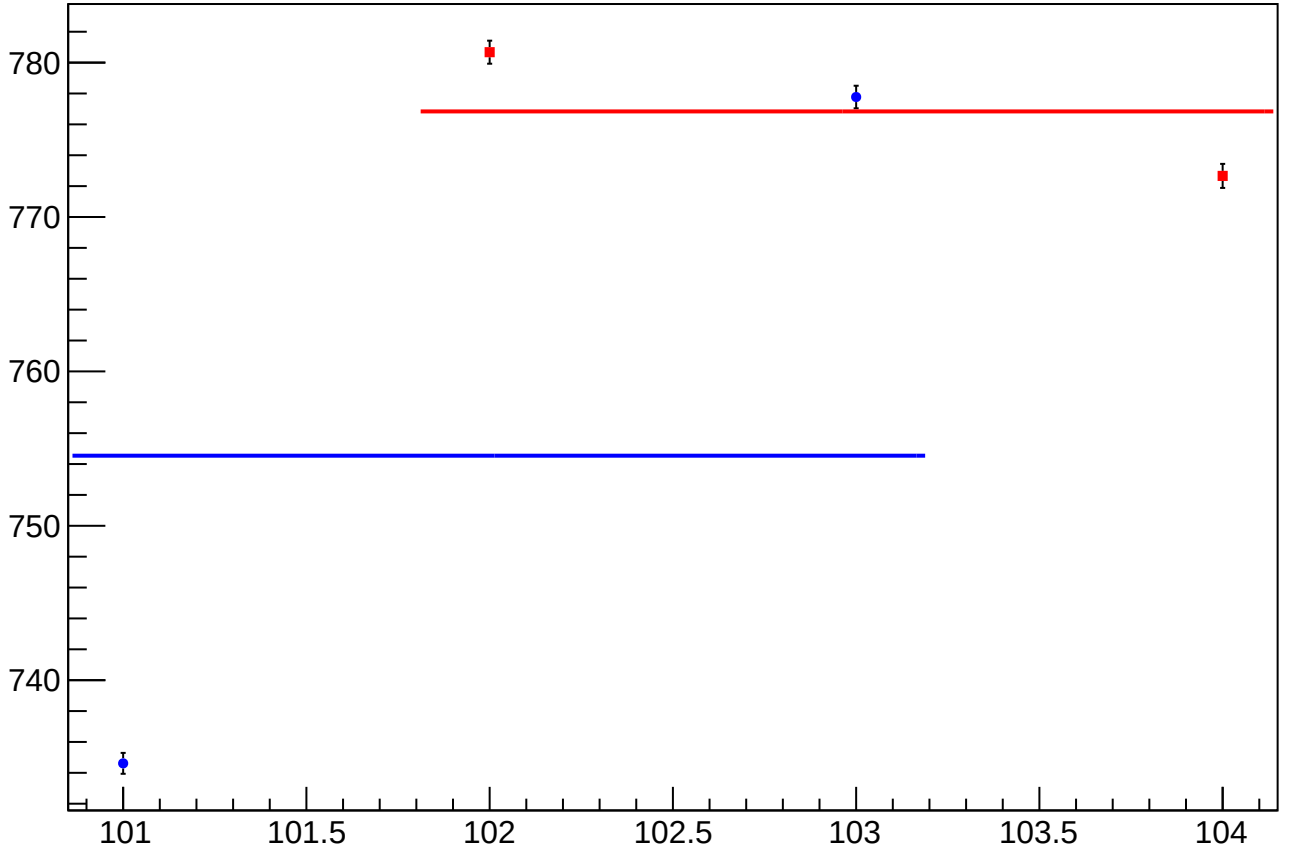

dit_asym_us_avg_mean vs Slug, Sign Corrected
3000
2500
2000
1500
1000
500
101
101.5
102
102.5
103
103.5
104
Right In: 1618.001+/-702.379 χ²/NDF: 0.0/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2005.533+/-761.798 χ²/NDF: 0.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1796.066+/-516.387 χ²/NDF: 0.2/3
In: 1618.001+/-702.379 χ²/NDF:0.0/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1796.066+/-516.387 χ²/NDF: 0.2/3

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 754.541+/-0.497 χ^2/NDF: 1876.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 776.839+/-0.539 χ^2/NDF: 55.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

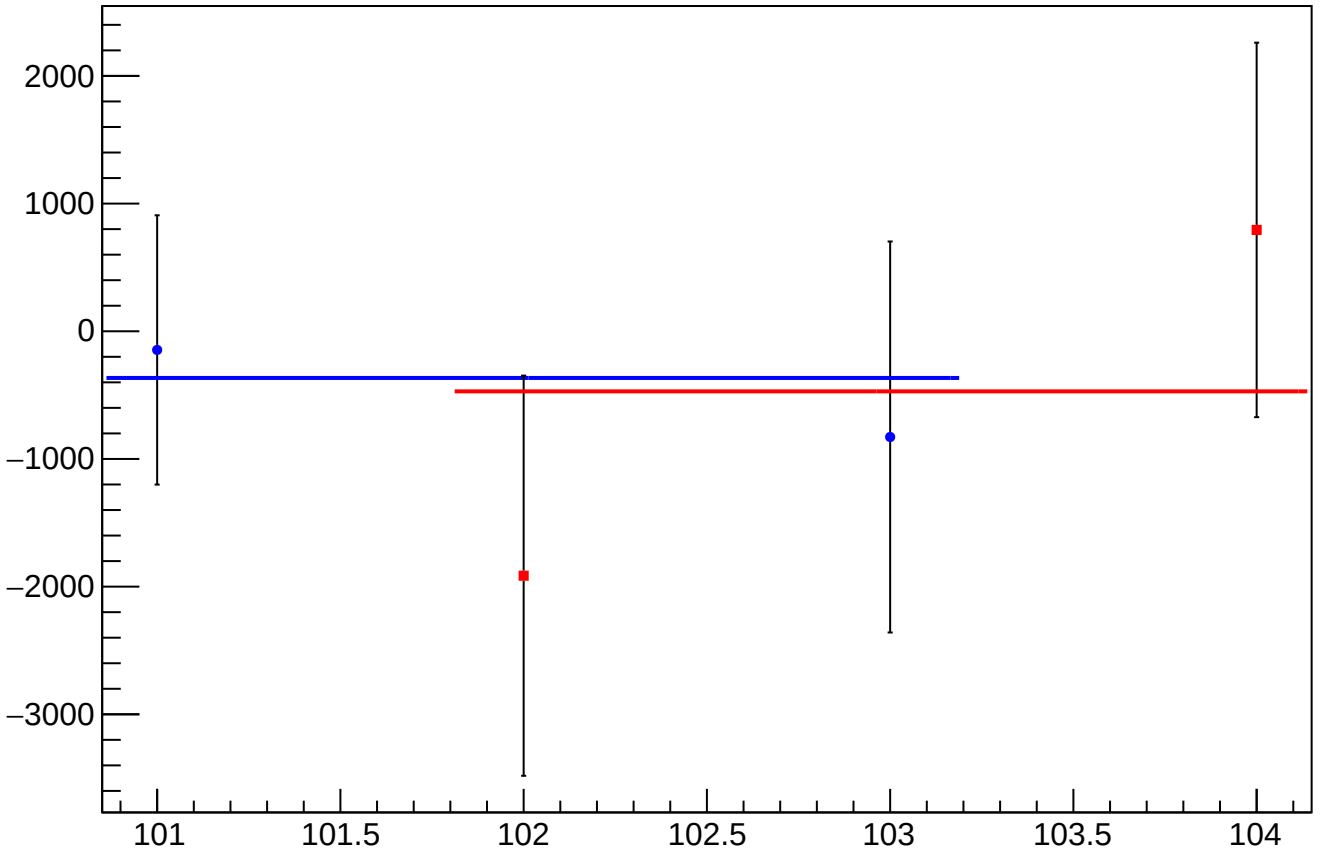
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 764.786+/-0.365 χ^2/NDF: 2858.1/3

In: 754.541+/-0.497 χ^2/NDF:1876.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 764.786+/-0.365 χ^2/NDF: 2858.1/3



Right In: -365.562+/-868.518 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -470.589+/-1070.837 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

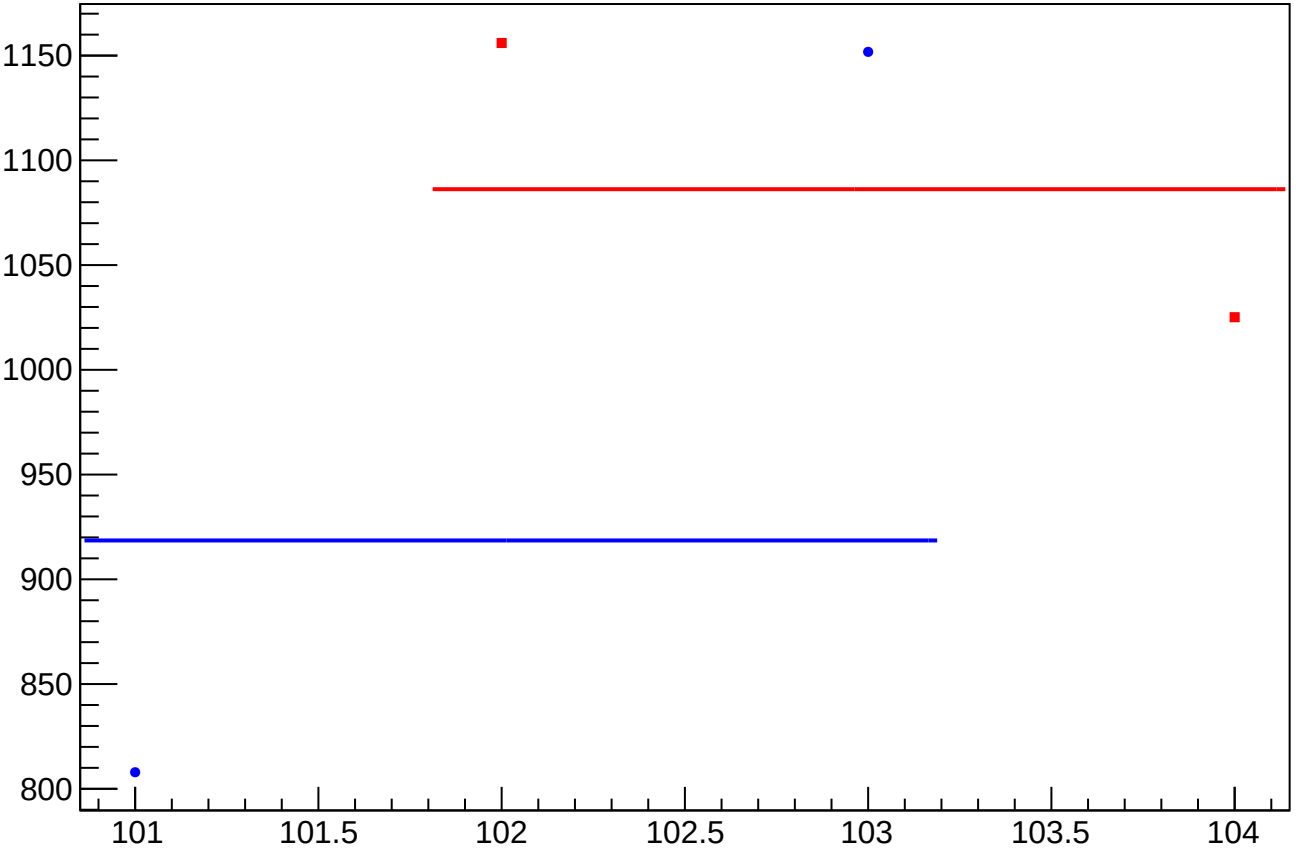
Right: -407.237+/-674.543 χ^2/NDF: 1.7/3

In: -365.562+/-868.518 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -407.237+/-674.543 χ^2/NDF: 1.7/3

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 918.548+/-0.614 χ^2/NDF: 68417.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1086.223+/-0.757 χ^2/NDF: 7439.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

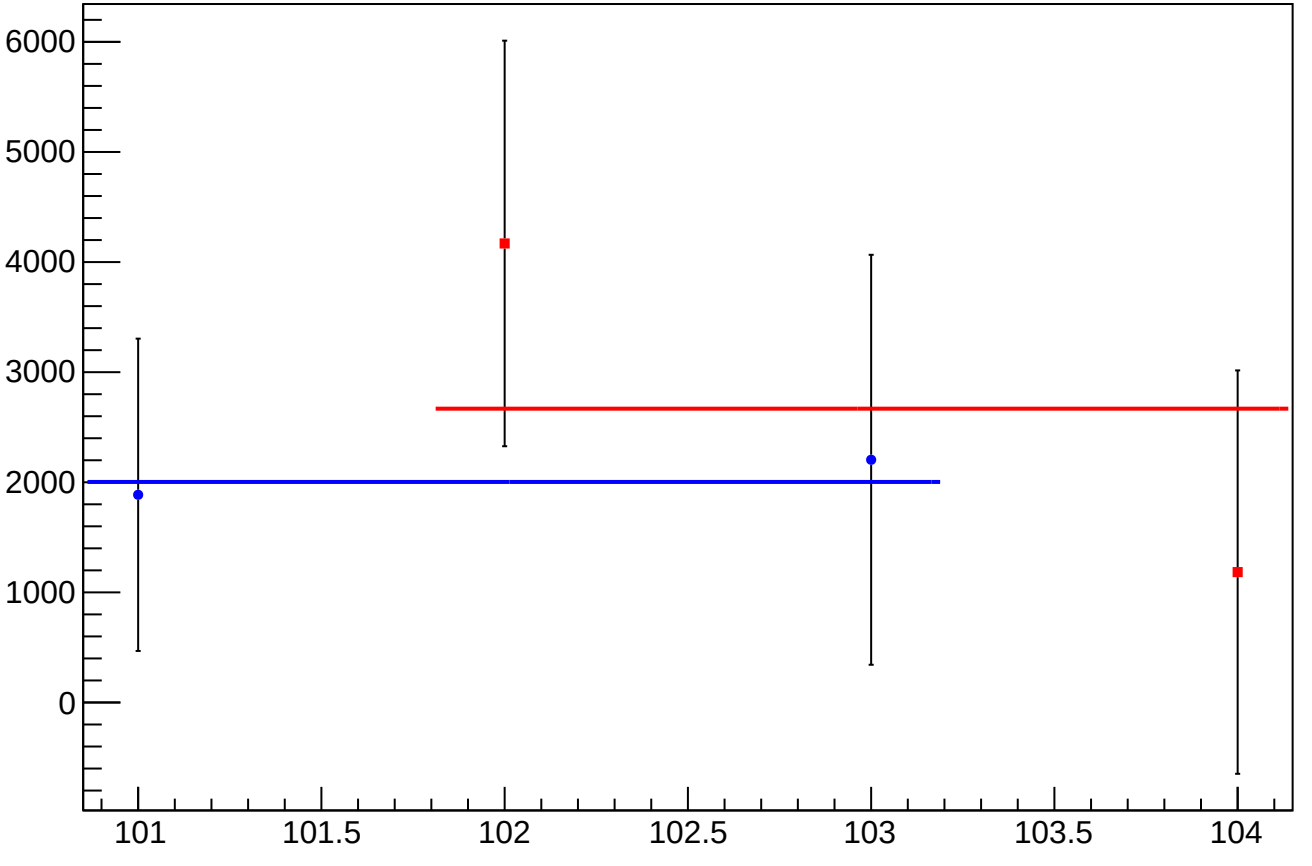
Right: 985.081+/-0.477 χ^2/NDF: 105435.5/3

In: 918.548+/-0.614 χ^2/NDF:68417.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 985.081+/-0.477 χ^2/NDF: 105435.5/3

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2003.082+/-1128.227 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2668.632+/-1298.846 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

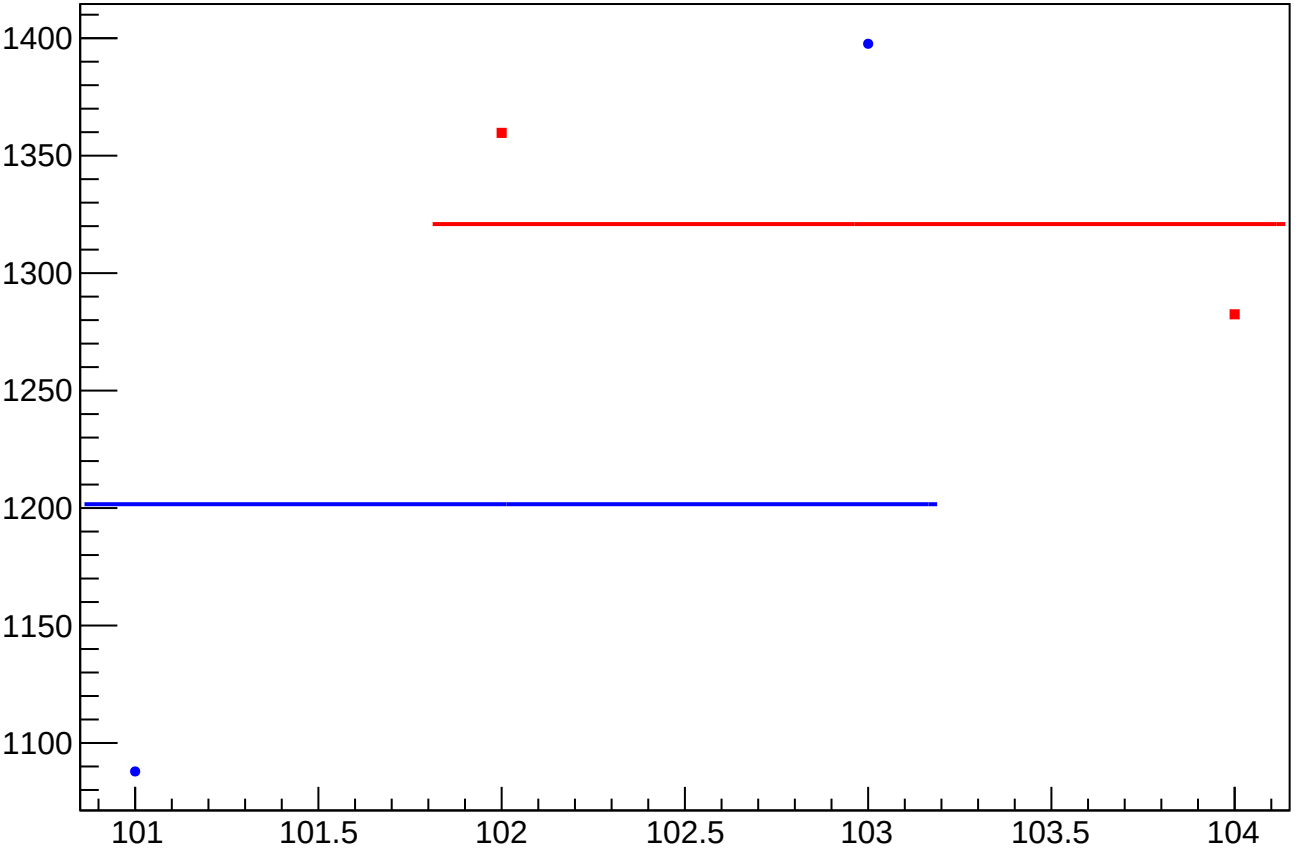
Right: 2289.300+/-851.757 χ^2/NDF: 1.5/3

In: 2003.082+/-1128.227 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2289.300+/-851.757 χ^2/NDF: 1.5/3

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1201.635+/-0.798 χ^2/NDF: 35028.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1320.879+/-0.918 χ^2/NDF: 1767.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

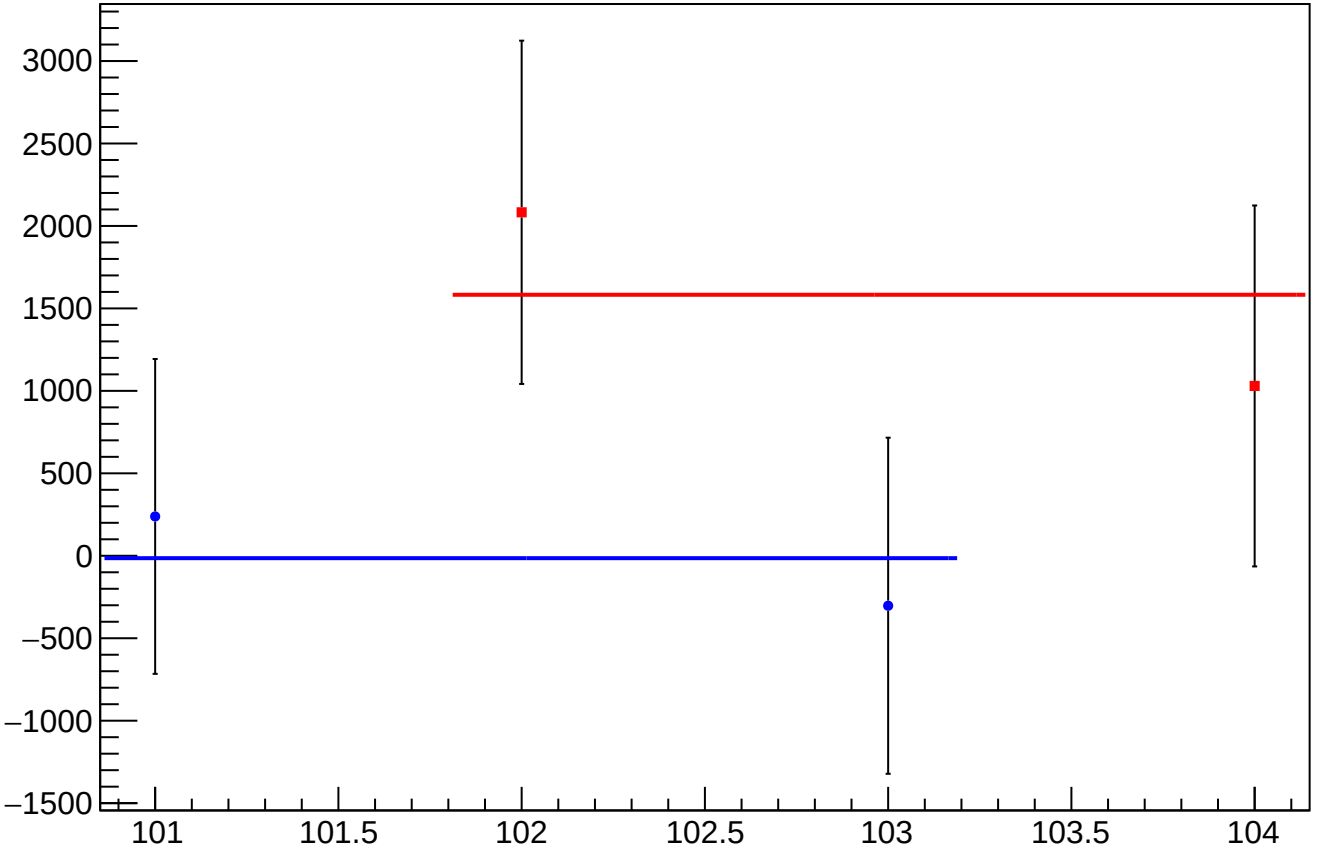
Right: 1252.915+/-0.602 χ^2/NDF: 46403.9/3

In: 1201.635+/-0.798 χ^2/NDF:35028.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1252.915+/-0.602 χ^2/NDF: 46403.9/3

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -14.456+/-696.636 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1582.670+/-754.138 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

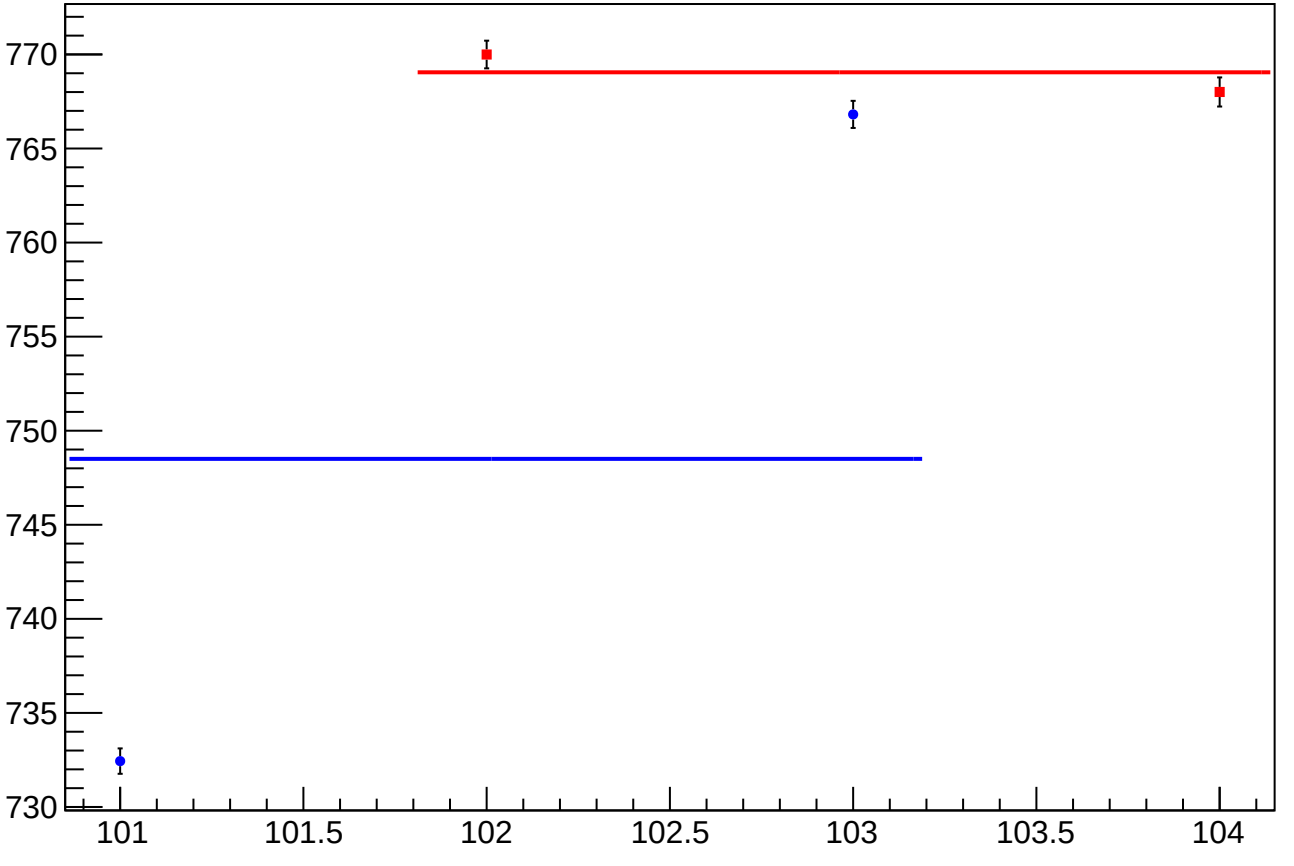
Right: 720.903+/-511.718 χ^2/NDF: 3.1/3

In: -14.456+/-696.636 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 720.903+/-511.718 χ^2/NDF: 3.1/3

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 748.503+/-0.493 χ^2/NDF: 1212.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 769.050+/-0.533 χ^2/NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

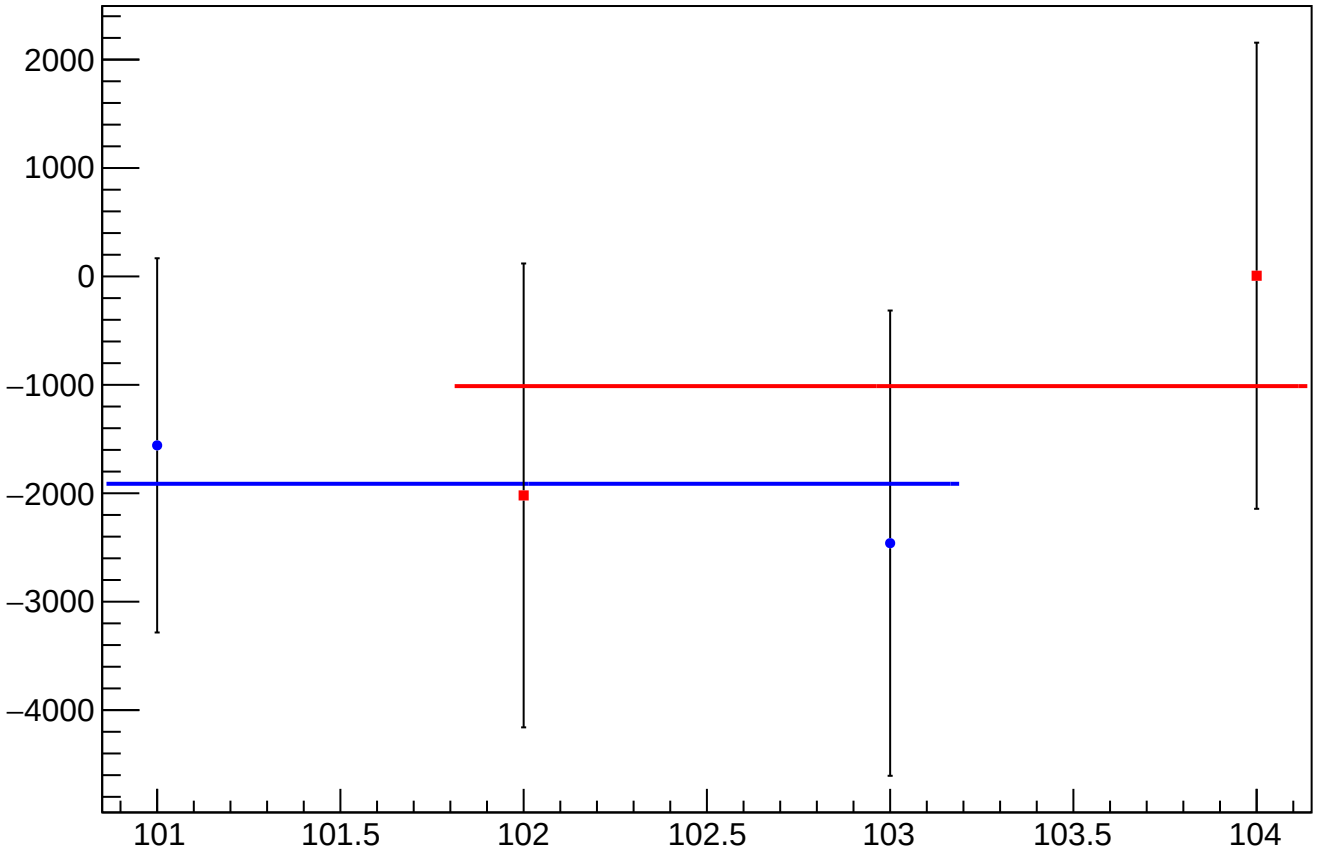
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 757.964+/-0.362 χ^2/NDF: 2016.7/3

In: 748.503+/-0.493 χ^2/NDF:1212.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 757.964+/-0.362 χ^2/NDF: 2016.7/3



Right In: -1912.551+/-1344.824 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1011.679+/-1516.398 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

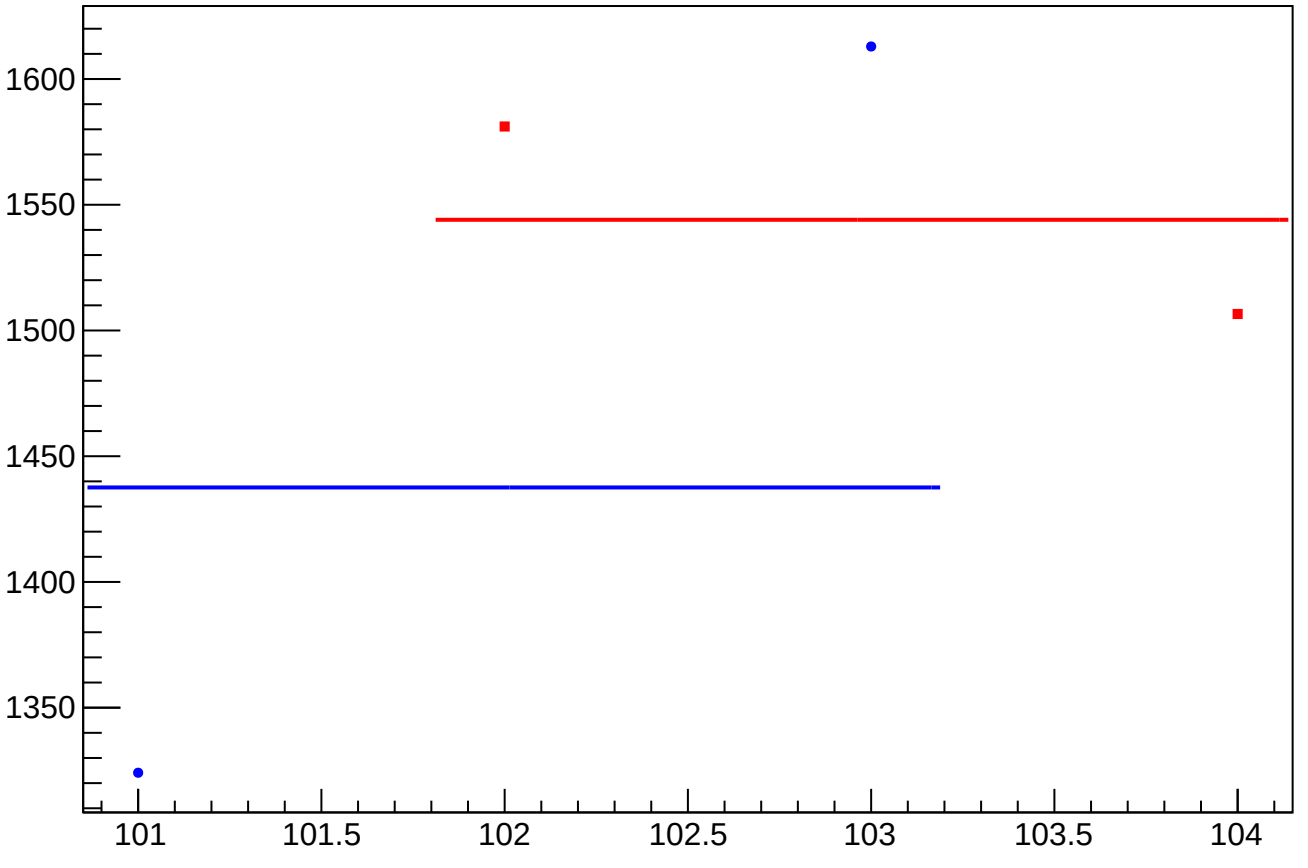
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1515.942+/-1006.150 χ^2/NDF: 0.8/3

In: -1912.551+/-1344.824 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1515.942+/-1006.150 χ^2/NDF: 0.8/3



Right In: 1437.581+/-0.951 χ^2/NDF: 21999.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1544.026+/-1.072 χ^2/NDF: 1208.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

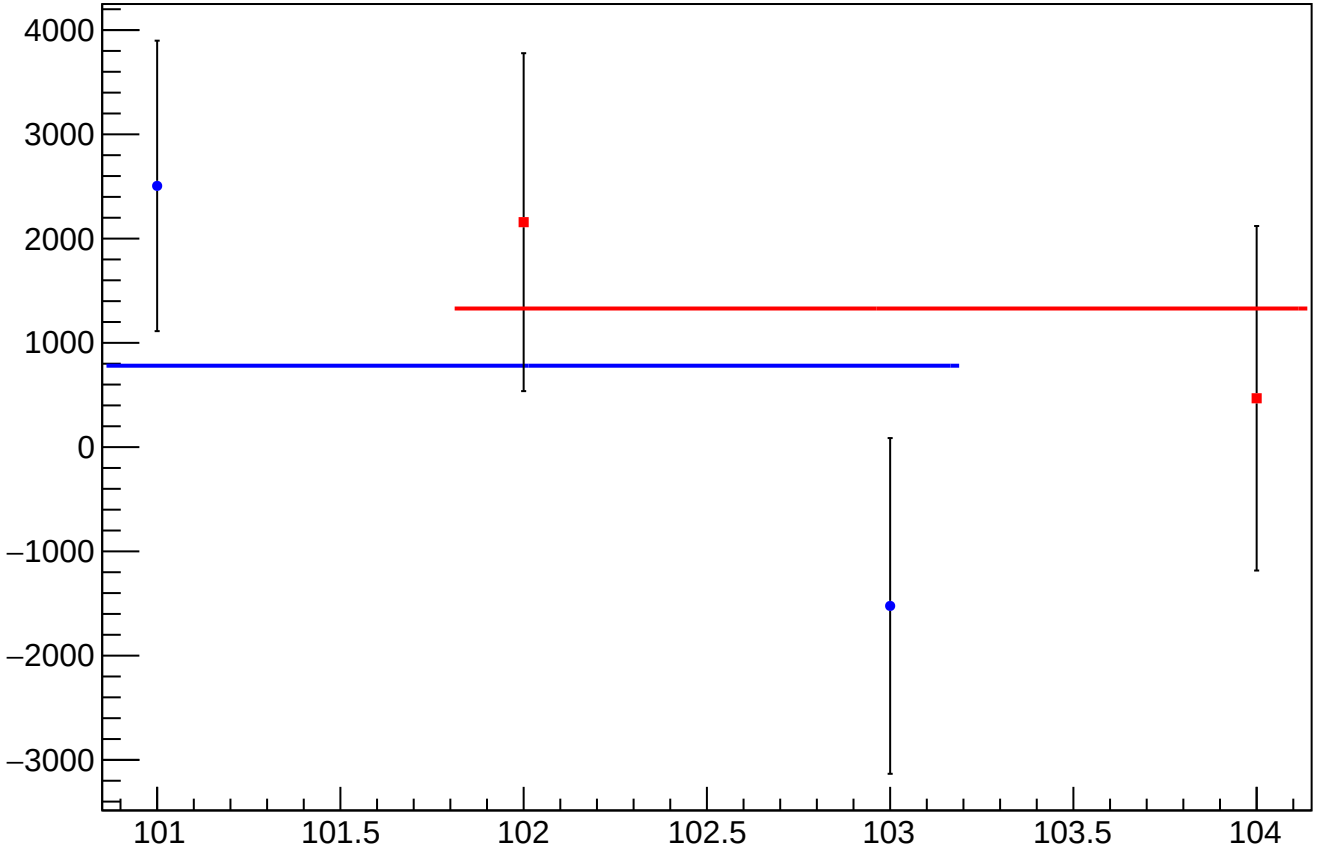
Right: 1484.443+/-0.711 χ^2/NDF: 28724.8/3

In: 1437.581+/-0.951 χ^2/NDF:21999.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1484.443+/-0.711 χ^2/NDF: 28724.8/3

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 780.814+/-1053.448 χ^2/NDF: 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1329.415+/-1156.959 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

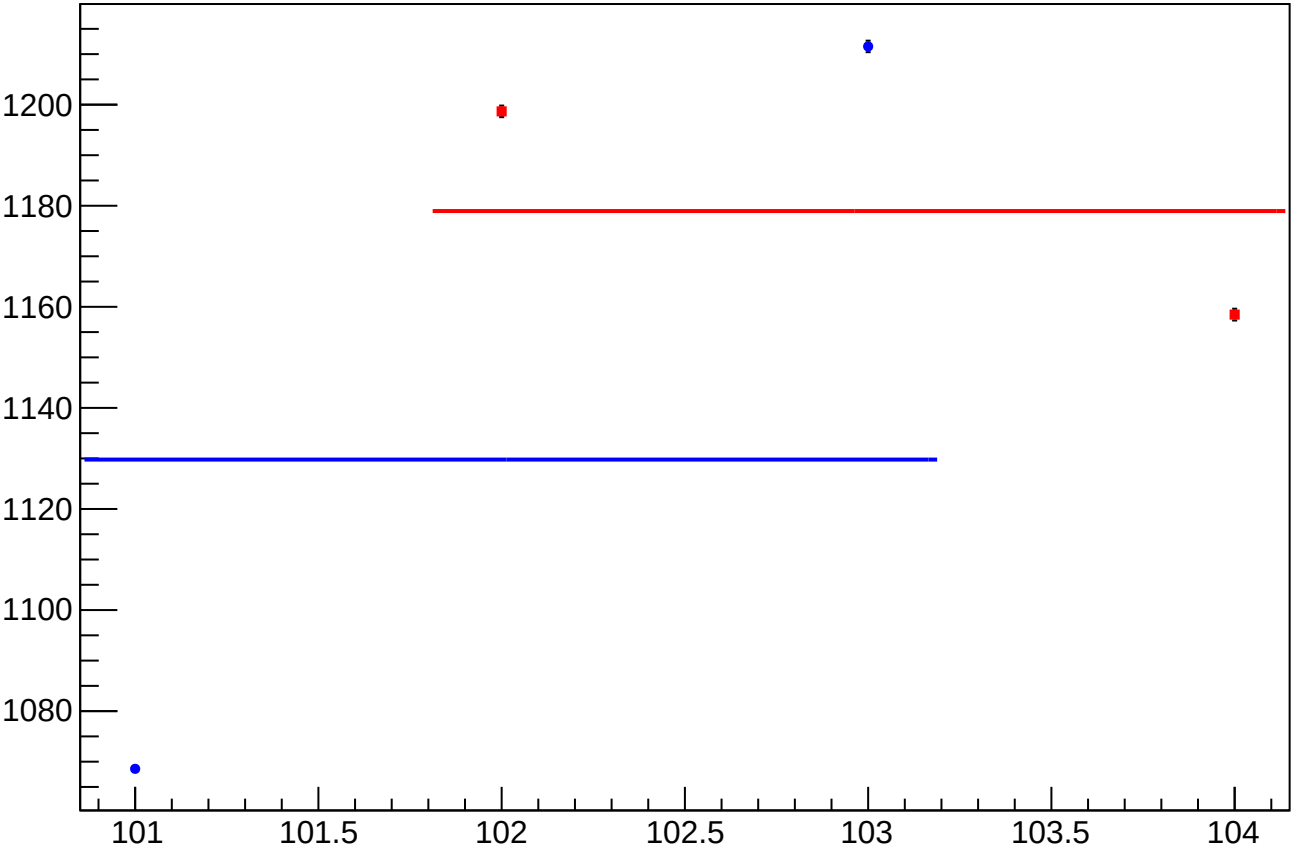
Right: 1029.480+/-778.929 χ^2/NDF: 4.2/3

In: 780.814+/-1053.448 χ^2/NDF:3.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1029.480+/-778.929 χ^2/NDF: 4.2/3

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1129.775+/-0.745 χ^2/NDF: 9014.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1178.954+/-0.818 χ^2/NDF: 603.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

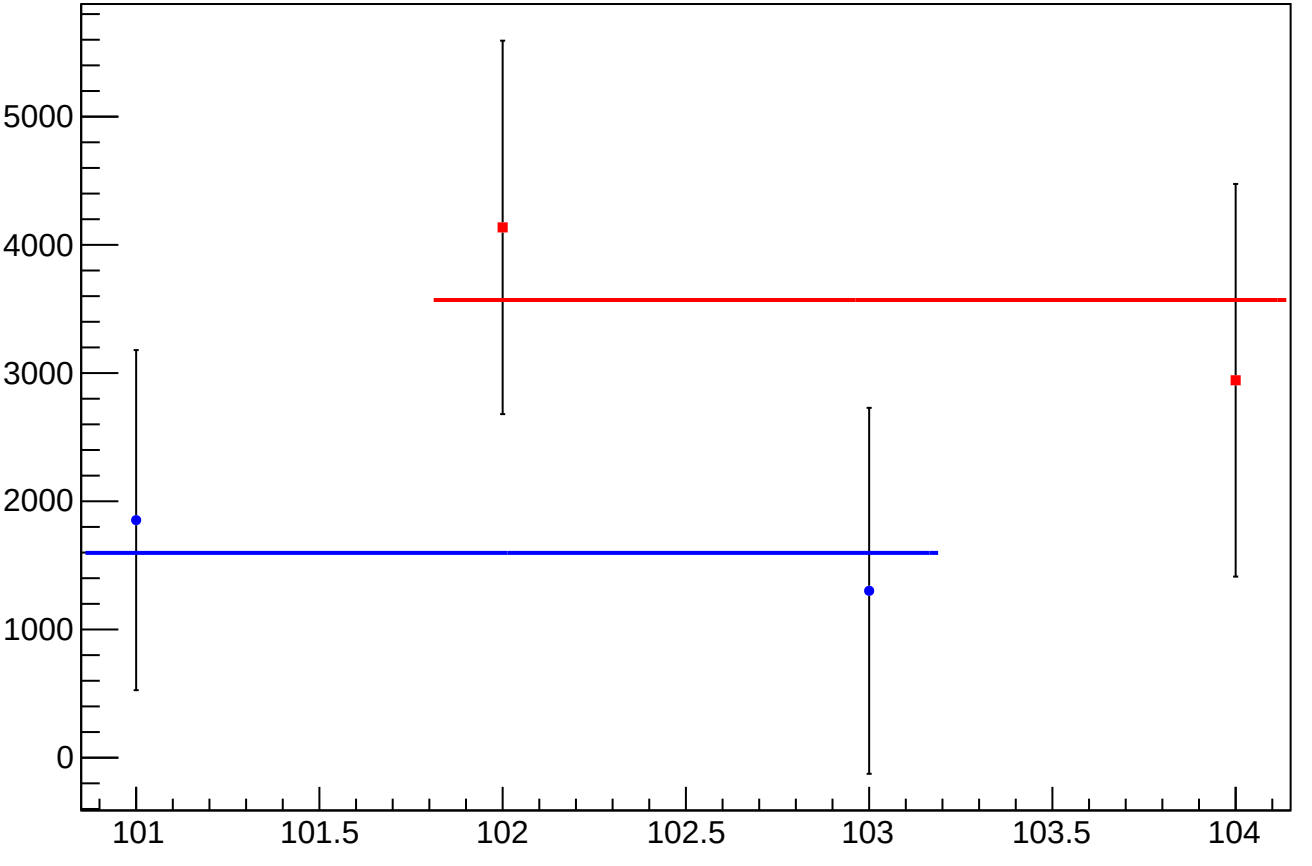
Right: 1152.067+/-0.551 χ^2/NDF: 11594.4/3

In: 1129.775+/-0.745 χ^2/NDF:9014.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1152.067+/-0.551 χ^2/NDF: 11594.4/3

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1597.452+/-971.579 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3569.957+/-1055.308 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

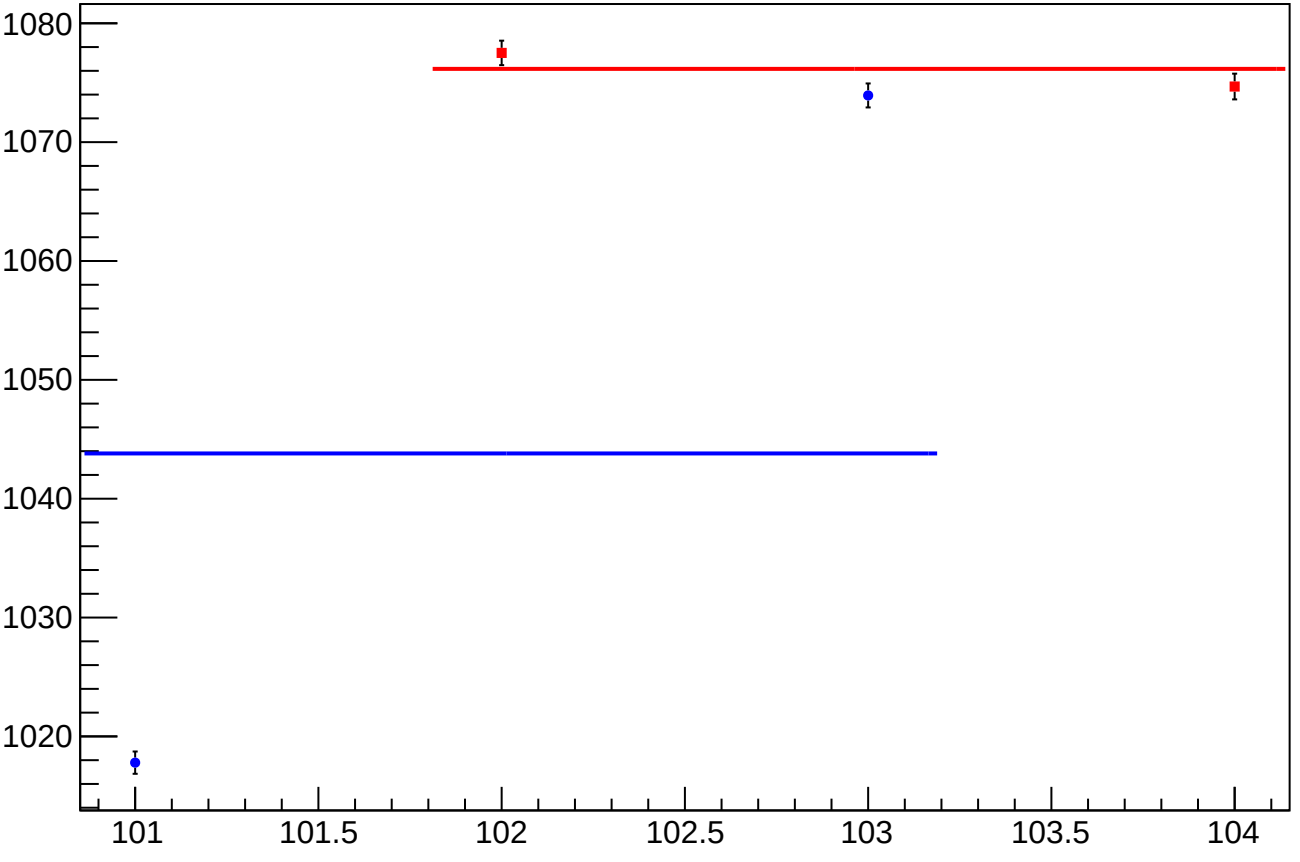
Right: 2502.360+/-714.780 χ^2/NDF: 2.3/3

In: 1597.452+/-971.579 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2502.360+/-714.780 χ^2/NDF: 2.3/3

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1043.808+/-0.687 χ^2/NDF: 1660.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1076.165+/-0.746 χ^2/NDF: 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

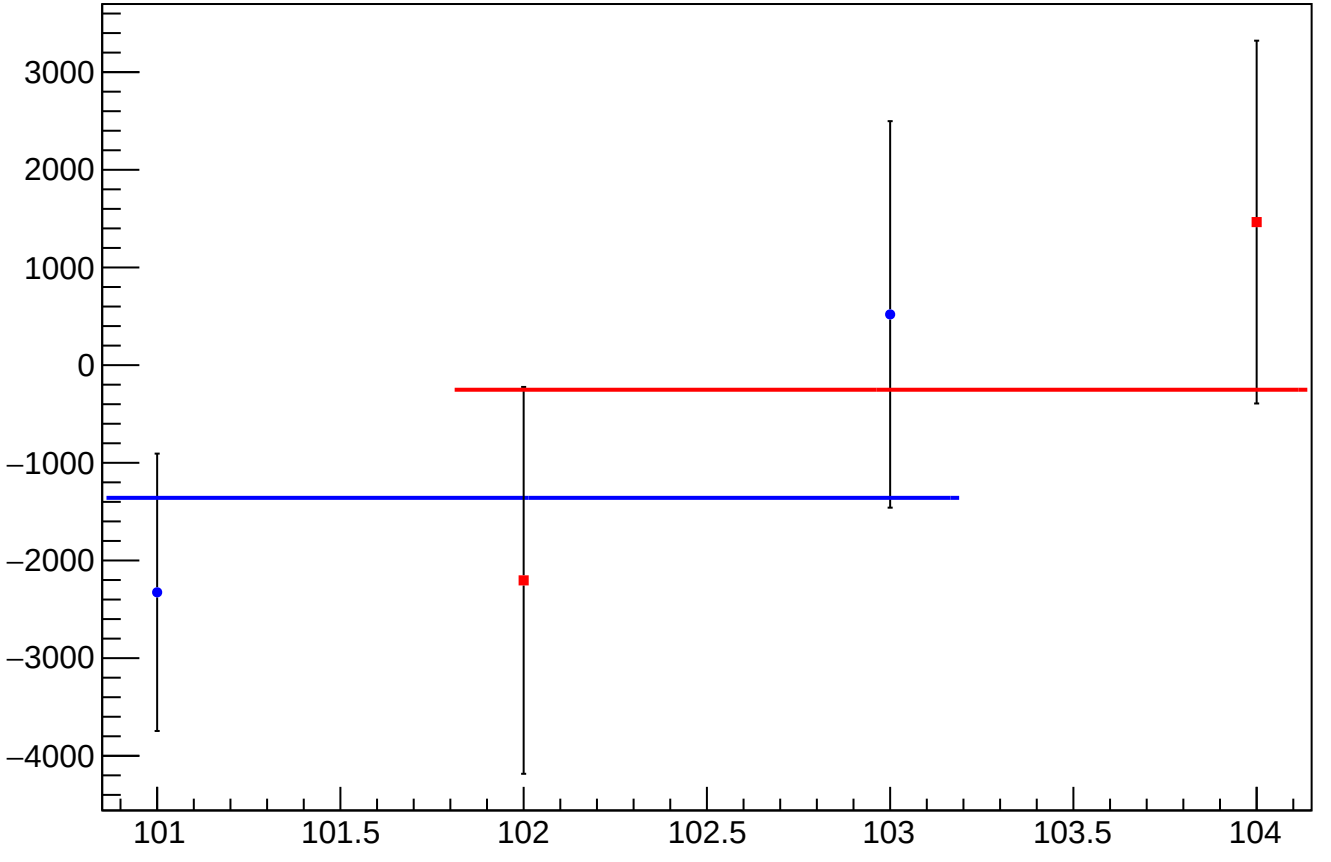
Right: 1058.652+/-0.505 χ^2/NDF: 2681.5/3

In: 1043.808+/-0.687 χ^2/NDF:1660.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1058.652+/-0.505 χ^2/NDF: 2681.5/3

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -1358.713+/-1153.615 χ^2/NDF: 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -251.872+/-1354.764 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

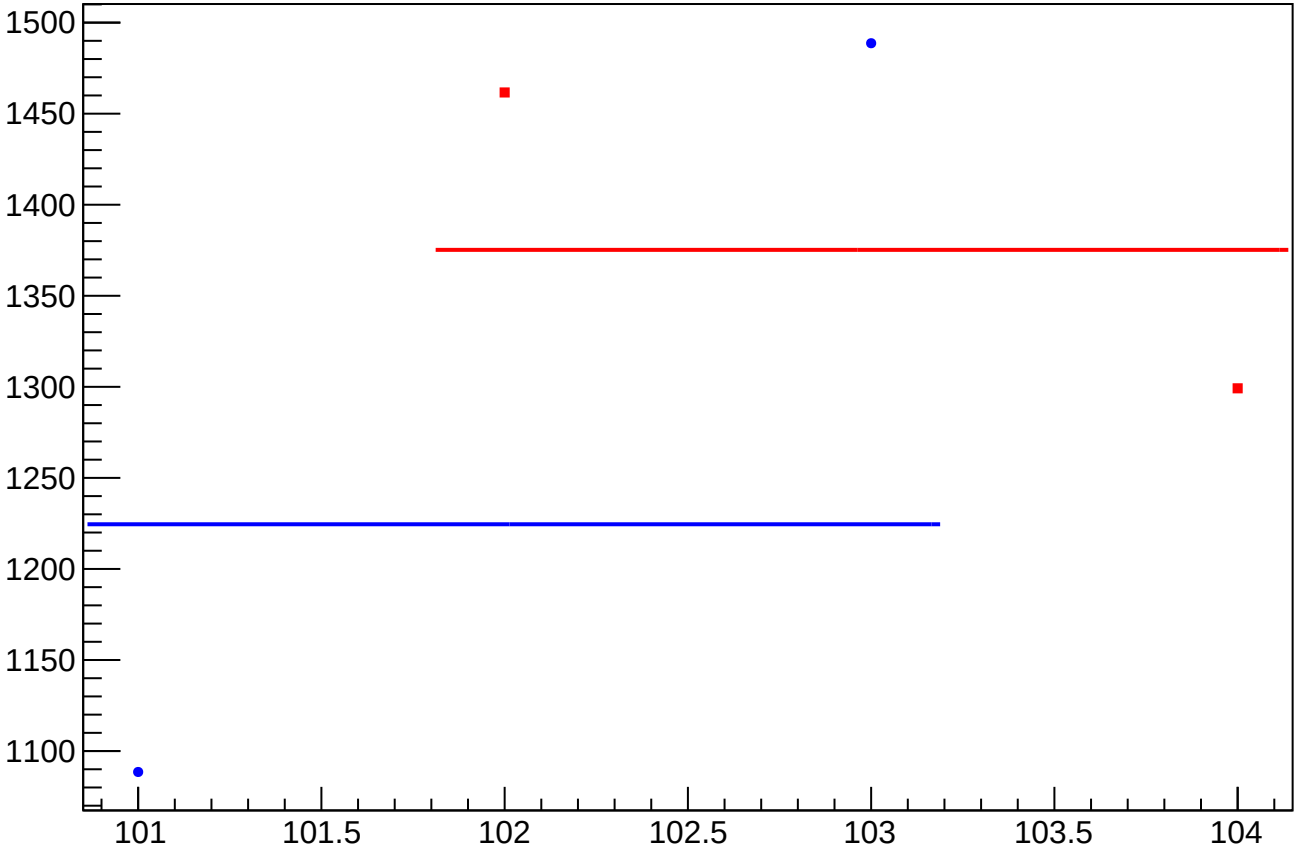
Right: -893.484+/-878.324 χ^2/NDF: 3.6/3

In: -1358.713+/-1153.615 χ^2/NDF:1.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -893.484+/-878.324 χ^2/NDF: 3.6/3

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1224.536+/-0.816 χ^2/NDF: 53994.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1375.213+/-0.958 χ^2/NDF: 7160.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

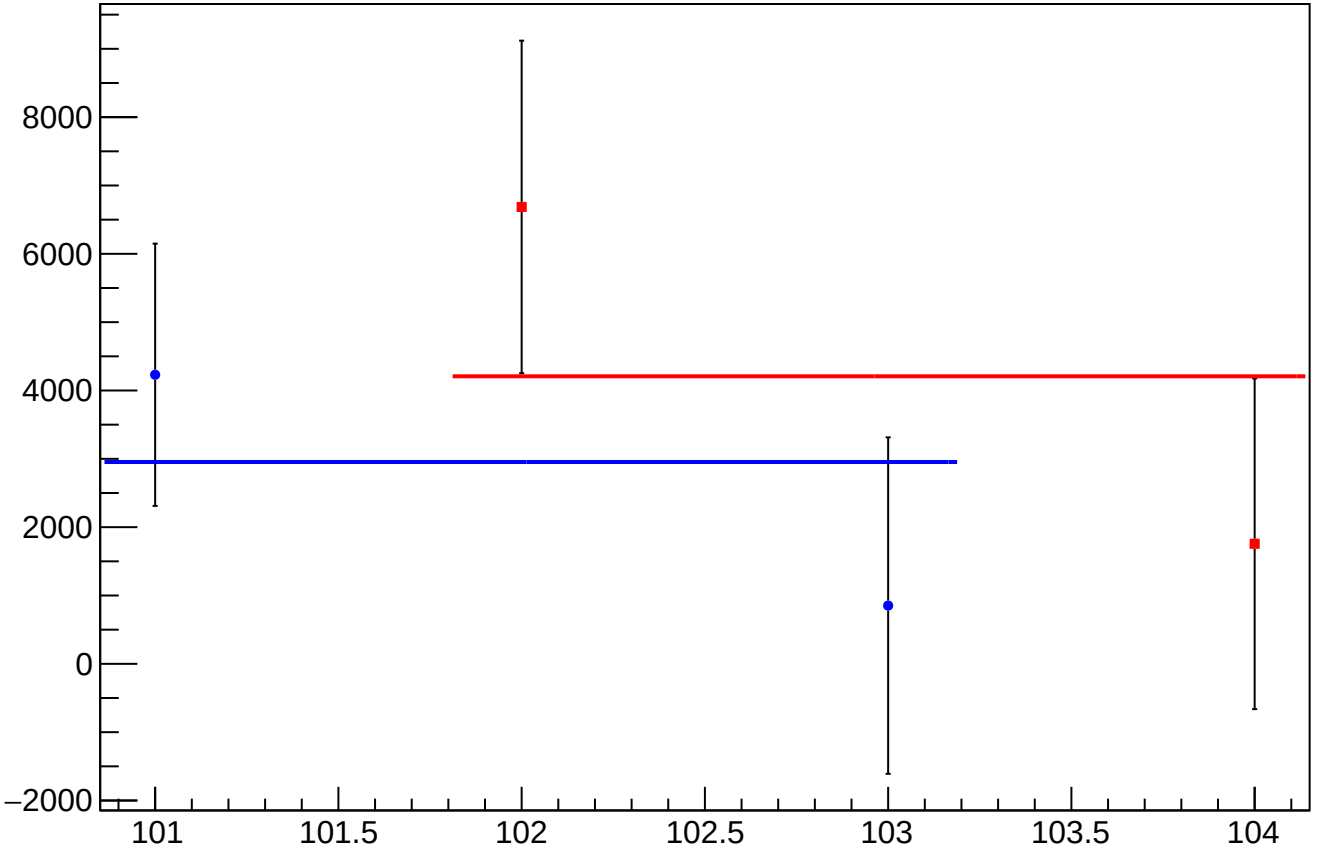
Right: 1287.869+/-0.621 χ^2/NDF: 75496.2/3

In: 1224.536+/-0.816 χ^2/NDF:53994.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1287.869+/-0.621 χ^2/NDF: 75496.2/3

asym_usl_mean vs Slug, Sign Corrected



Right In: 2953.589+/-1513.447 χ^2/NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4207.808+/-1715.870 χ^2/NDF: 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

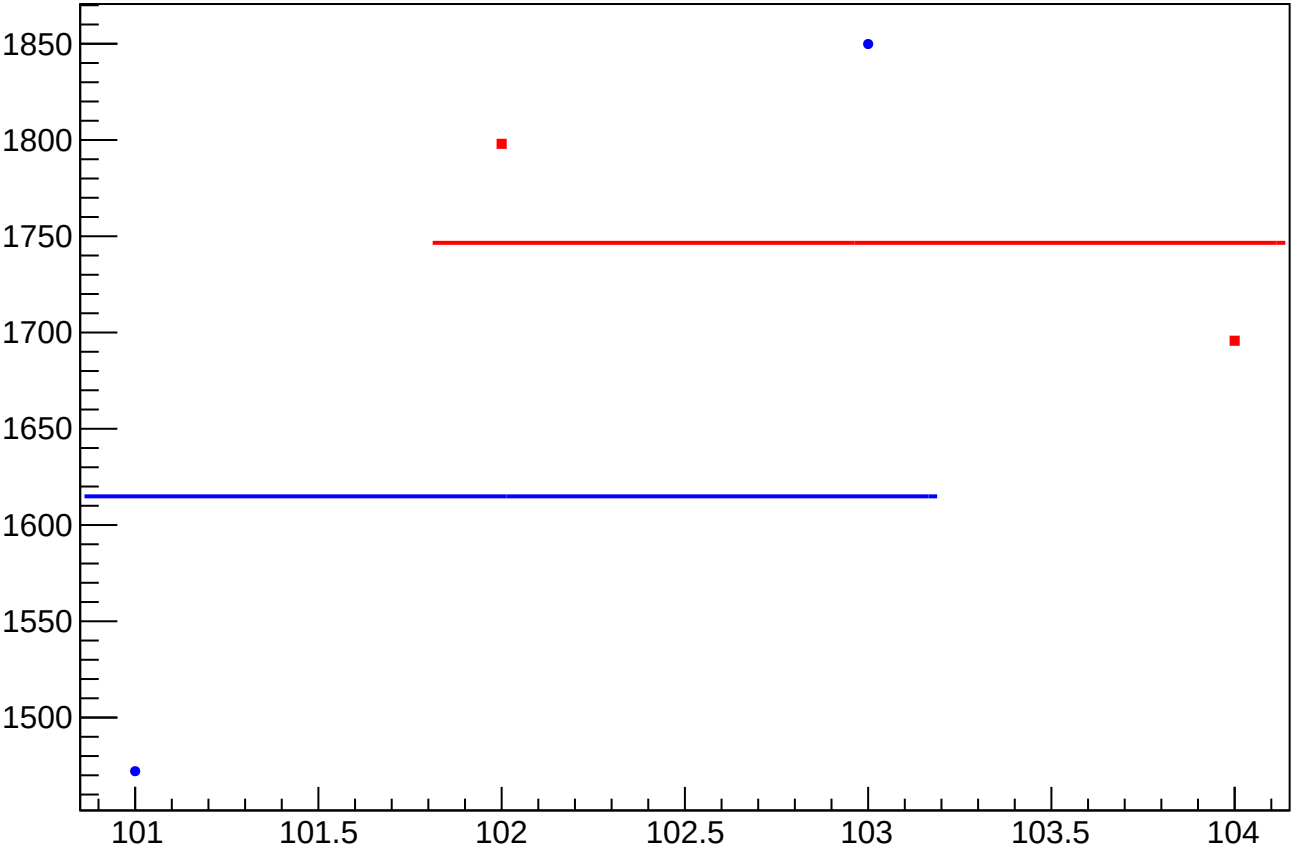
Right: 3502.388+/-1135.022 χ^2/NDF: 3.5/3

In: 2953.589+/-1513.447 χ^2/NDF:1.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3502.388+/-1135.022 χ^2/NDF: 3.5/3

asym_usl_rms vs Slug, Sign Corrected



Right In: 1614.898+/-1.070 χ^2/NDF: 29289.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1746.592+/-1.213 χ^2/NDF: 1776.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

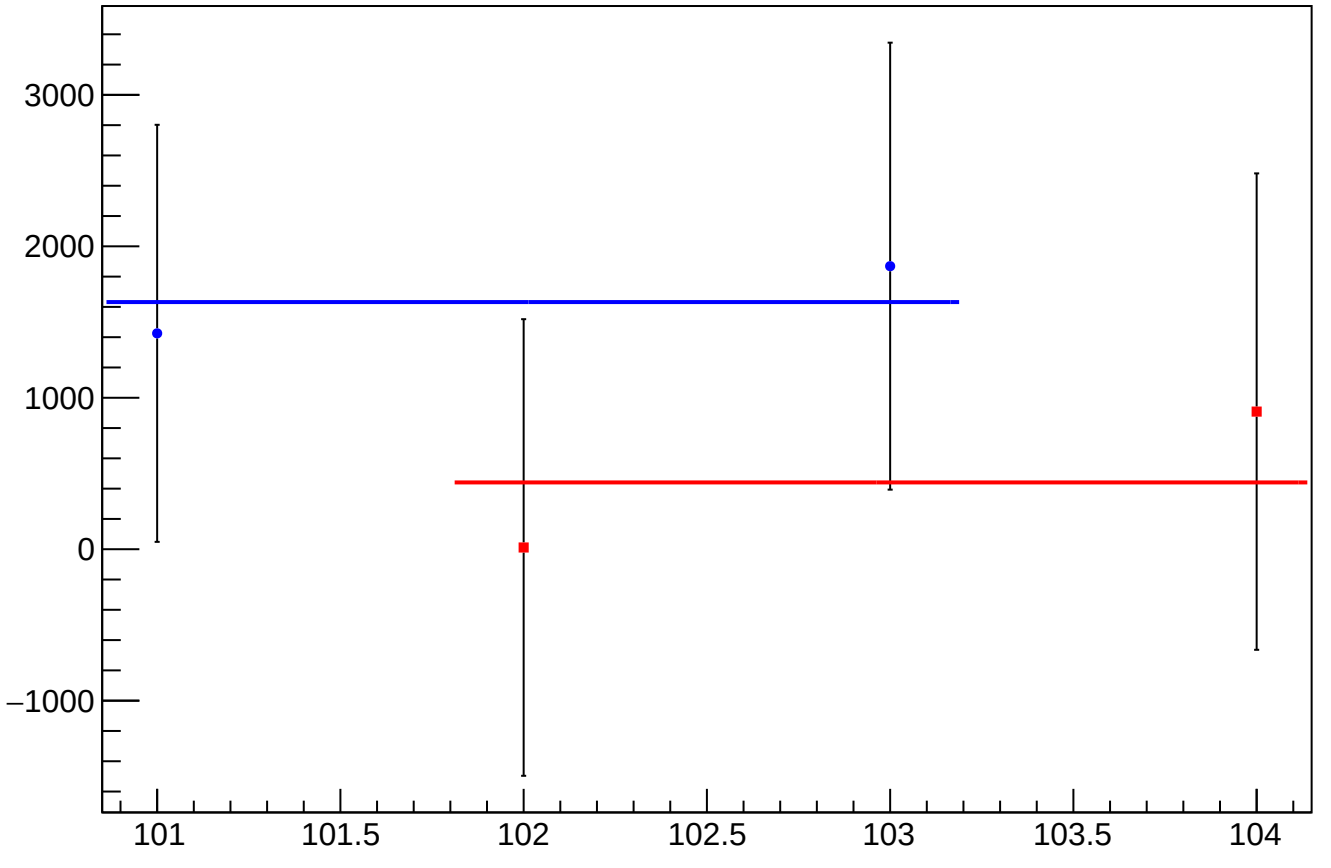
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1672.522+/-0.803 χ^2/NDF: 37692.5/3

In: 1614.898+/-1.070 χ^2/NDF:29289.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1672.522+/-0.803 χ^2/NDF: 37692.5/3



Right In: 1631.917+/-1006.713 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 441.033+/-1088.329 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

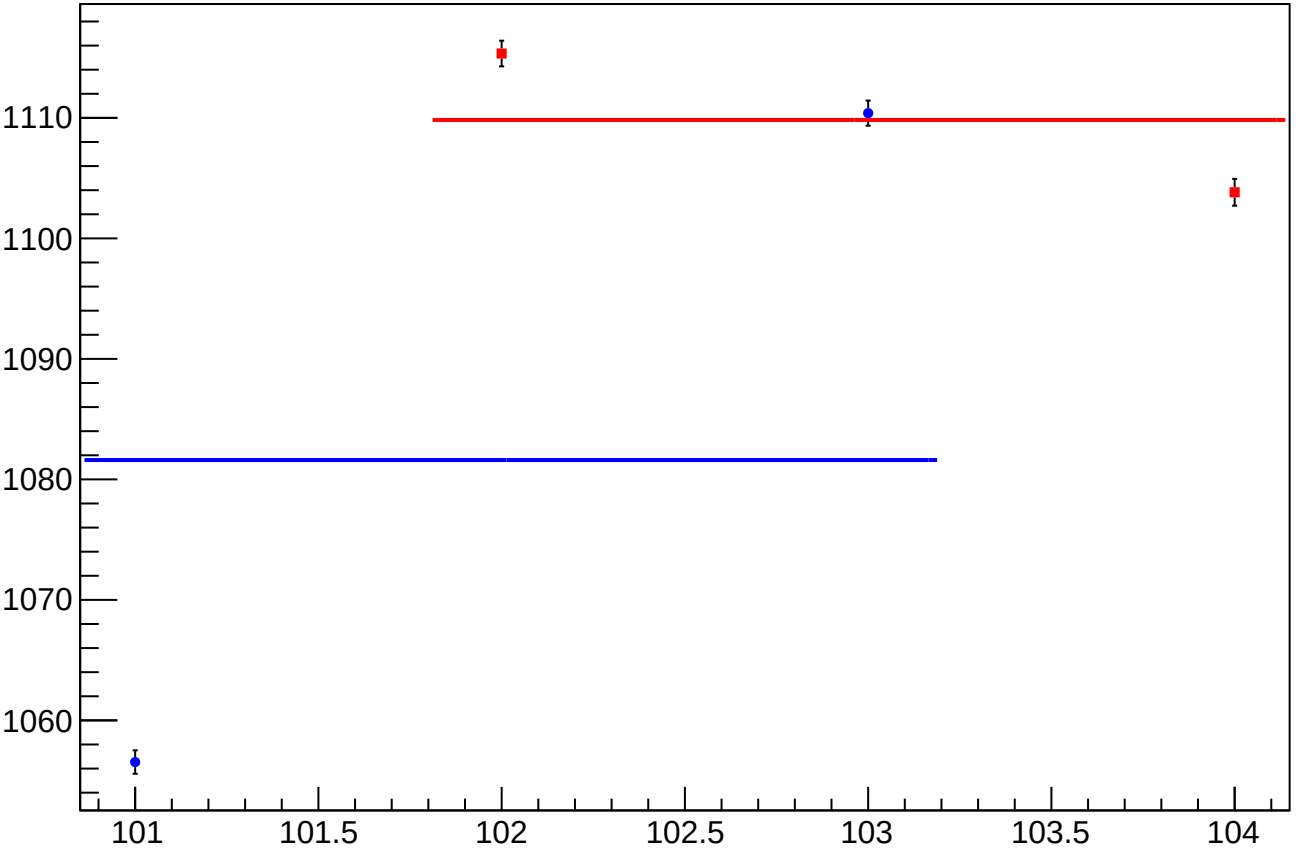
Right: 1082.797+/-739.025 χ^2/NDF: 0.9/3

In: 1631.917+/-1006.713 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1082.797+/-739.025 χ^2/NDF: 0.9/3

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1081.605+/-0.712 χ^2/NDF: 1424.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1109.828+/-0.770 χ^2/NDF: 55.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

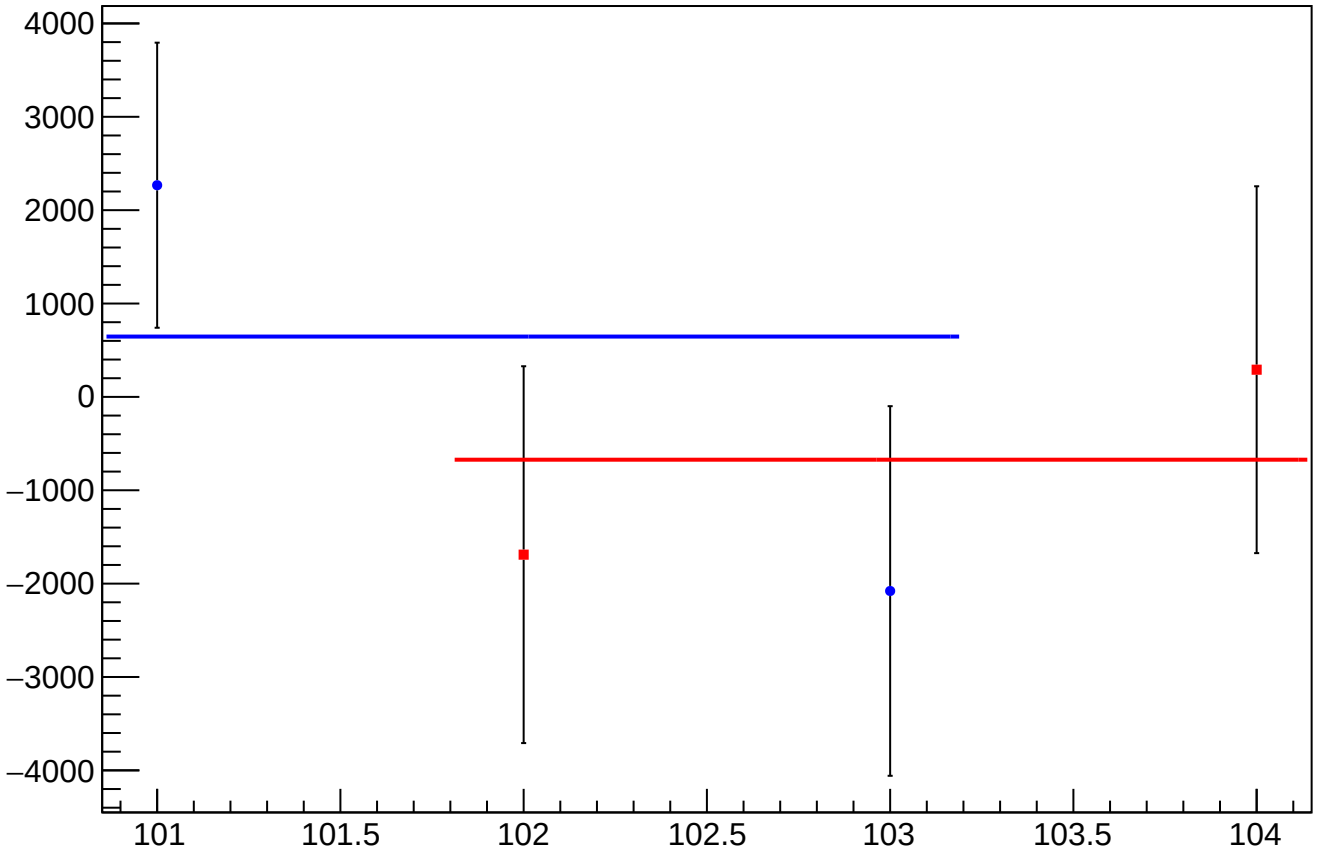
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1094.619+/-0.523 χ^2/NDF: 2204.7/3

In: 1081.605+/-0.712 χ^2/NDF:1424.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1094.619+/-0.523 χ^2/NDF: 2204.7/3



Right In: 646.229+/-1208.935 χ^2/NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -672.687+/-1407.741 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

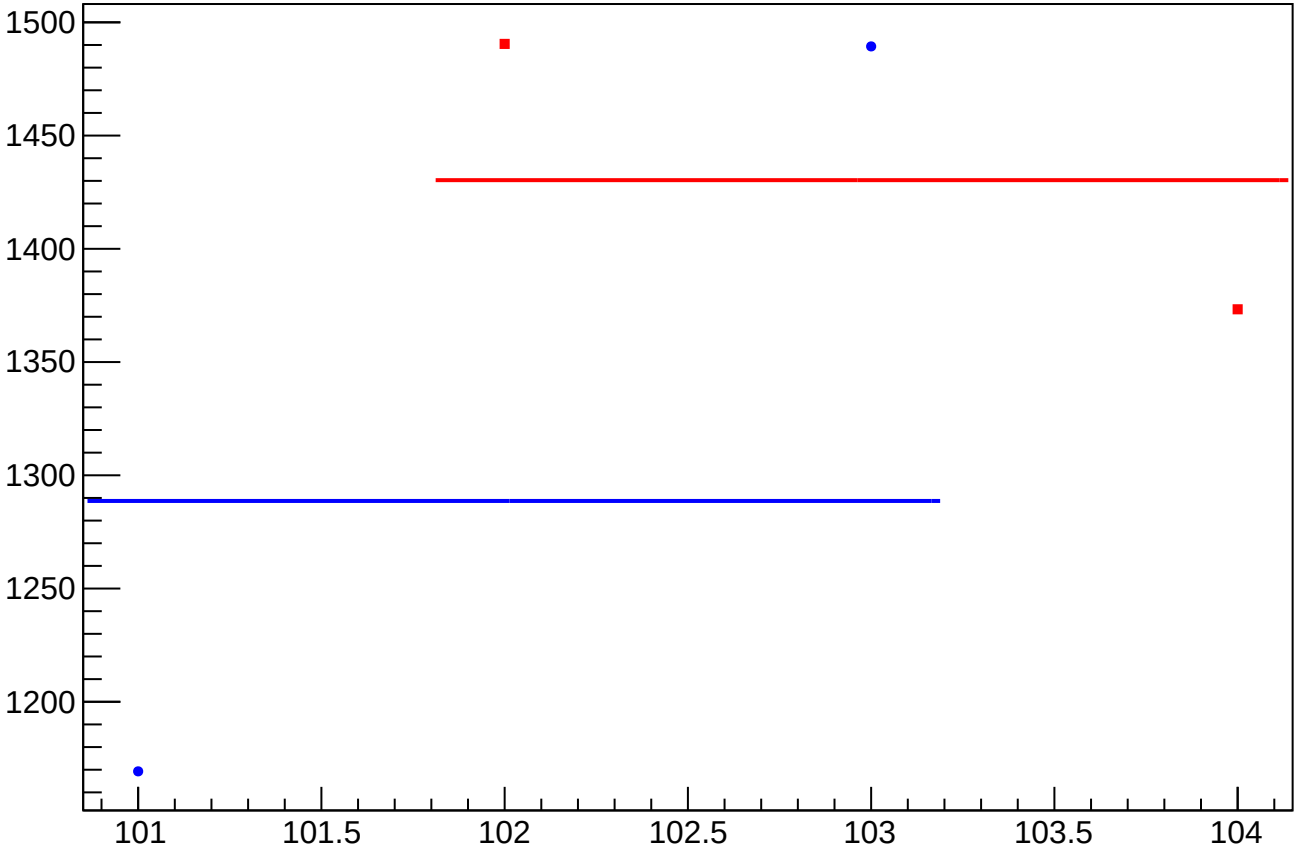
Right: 86.403+/-917.151 χ^2/NDF: 4.0/3

In: 646.229+/-1208.935 χ^2/NDF:3.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 86.403+/-917.151 χ^2/NDF: 4.0/3

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1288.672+/-0.855 χ^2/NDF: 32790.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1430.316+/-0.995 χ^2/NDF: 3461.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

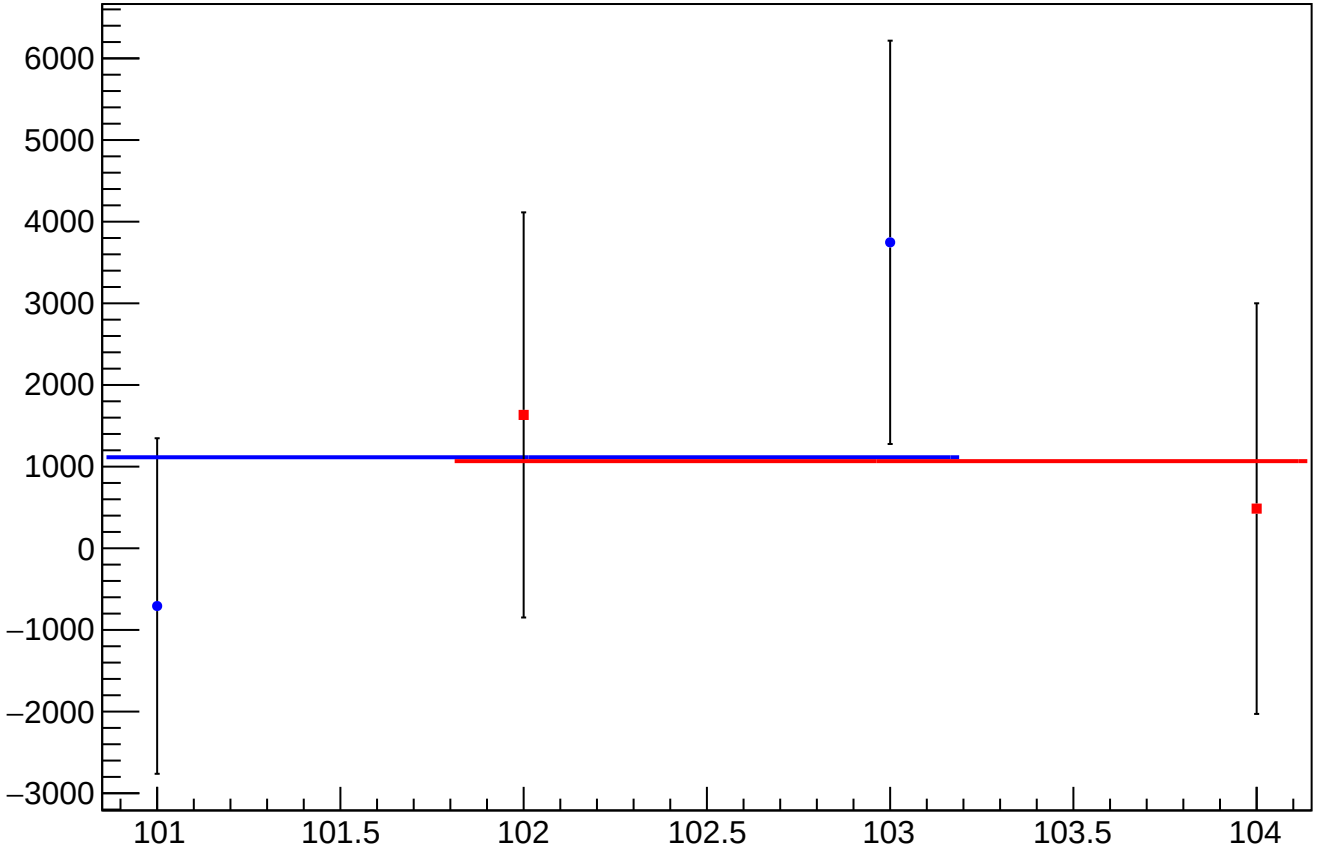
Right: 1348.794+/-0.649 χ^2/NDF: 47905.5/3

In: 1288.672+/-0.855 χ^2/NDF:32790.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1348.794+/-0.649 χ^2/NDF: 47905.5/3

asym_usr_mean vs Slug, Sign Corrected



Right In: 1114.765+/-1579.613 χ^2/NDF: 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1067.234+/-1766.036 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

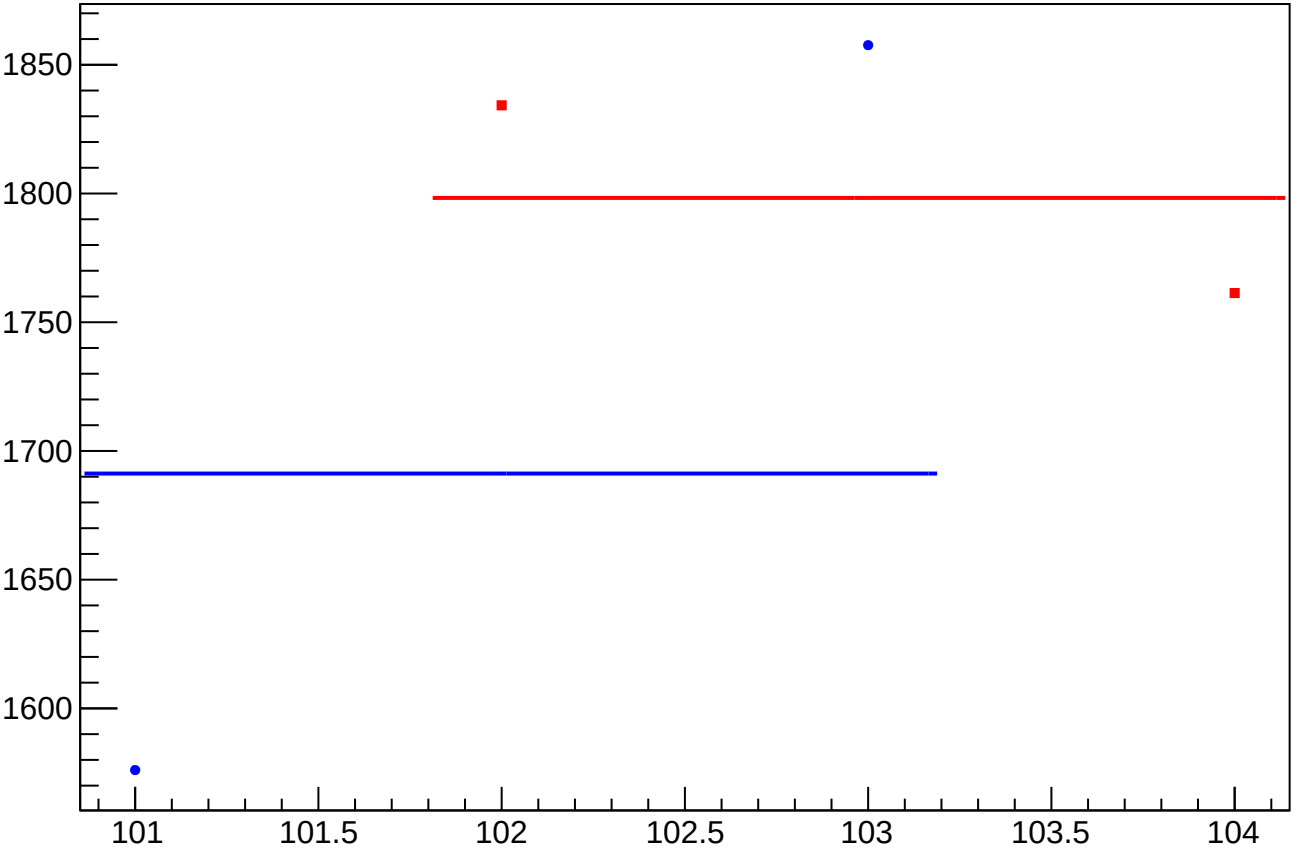
Right: 1093.640+/-1177.366 χ^2/NDF: 2.0/3

In: 1114.765+/-1579.613 χ^2/NDF:1.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1093.640+/-1177.366 χ^2/NDF: 2.0/3

asym_usr_rms vs Slug, Sign Corrected



Right In: 1691.225+/-1.117 χ^2/NDF: 15362.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1798.295+/-1.249 χ^2/NDF: 852.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

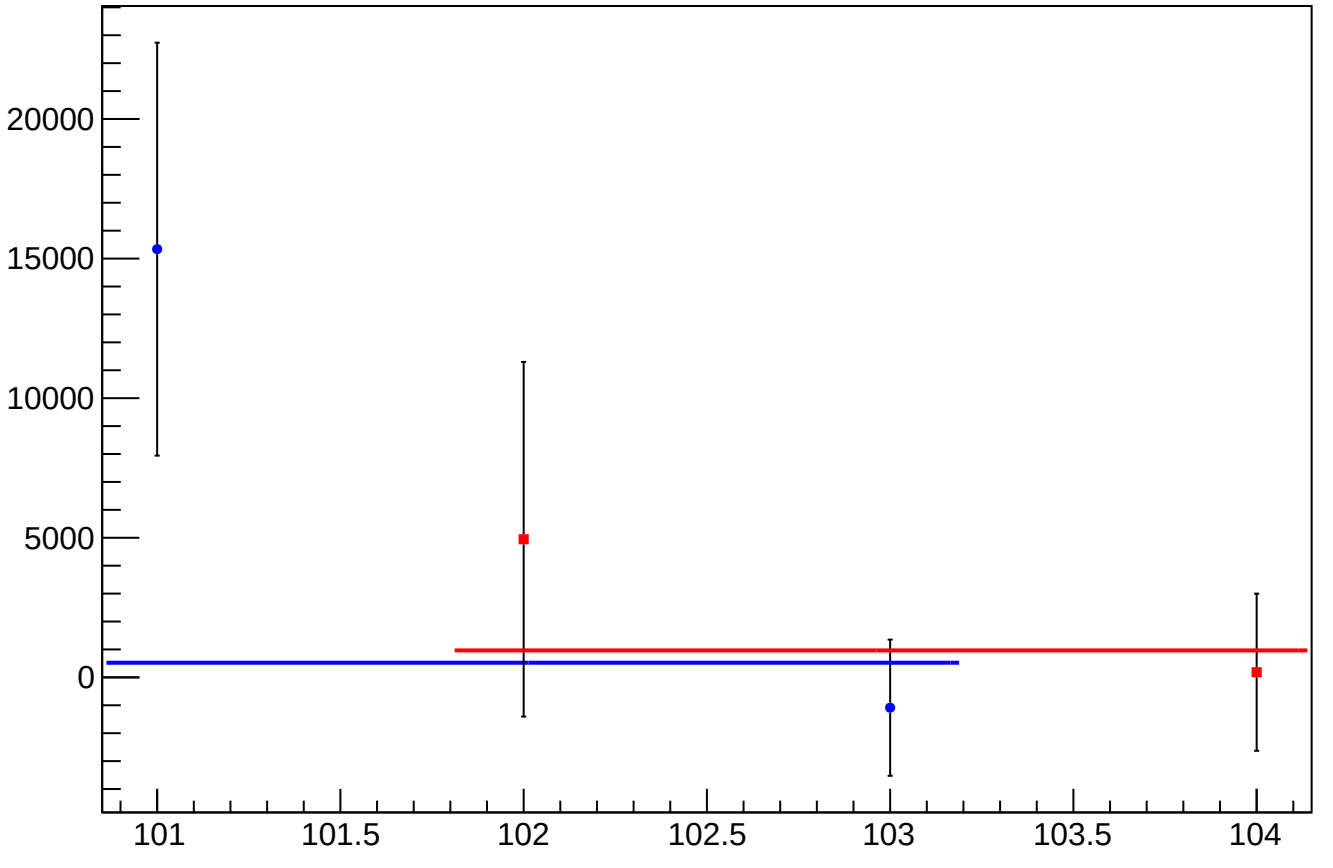
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1738.813+/-0.833 χ^2/NDF: 20298.3/3

In: 1691.225+/-1.117 χ^2/NDF:15362.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1738.813+/-0.833 χ^2/NDF: 20298.3/3



Right In: 524.228+/-2316.381 χ^2/NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 965.438+/-2573.109 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

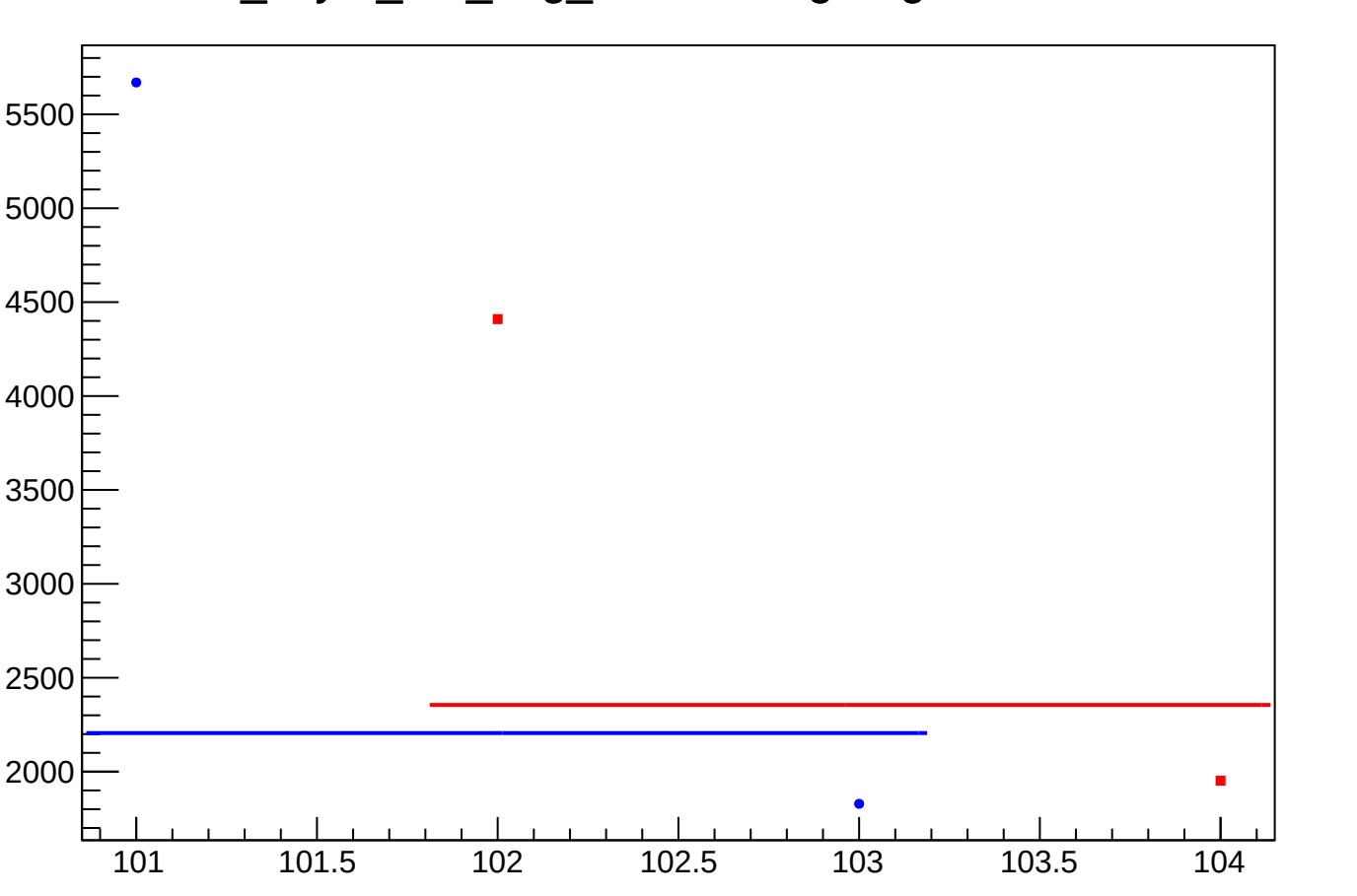
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 721.730+/-1721.559 χ^2/NDF: 4.9/3

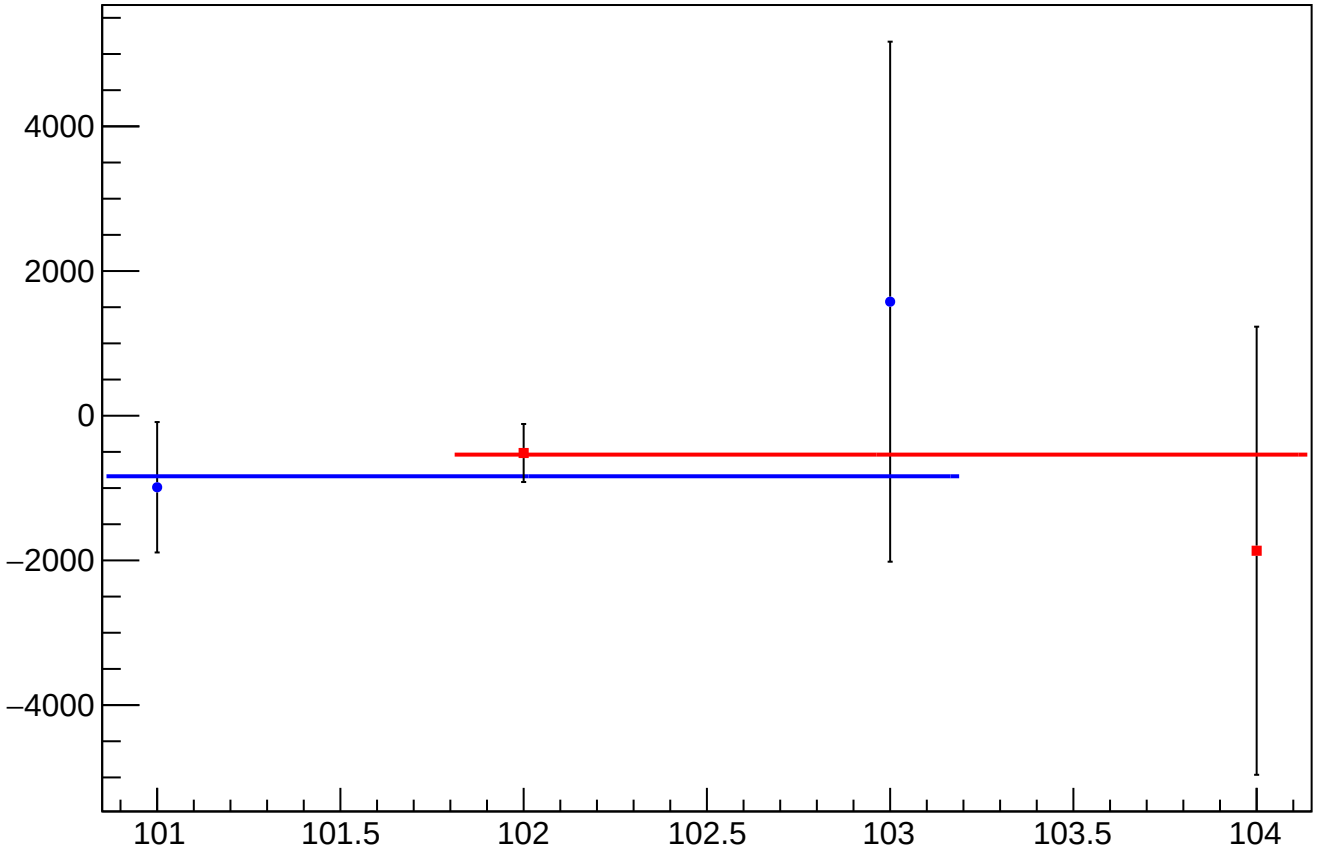
In: 524.228+/-2316.381 χ^2/NDF:4.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 721.730+/-1721.559 χ^2/NDF: 4.9/3


dit_asym_at1_avg_rms vs Slug, Sign Corrected
5500
5000
4500
4000
3500
3000
2500
2000
101
101.5
102
102.5
103
103.5
104
Right In: 2205.420+/-1.638 χ²/NDF: 486497.6/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2355.218+/-1.819 χ²/NDF: 250382.4/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2272.477+/-1.217 χ²/NDF: 740624.2/3
In: 2205.420+/-1.638 χ²/NDF:486497.6/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2272.477+/-1.217 χ²/NDF: 740624.2/3

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -836.993+/-874.304 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -537.612+/-397.701 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

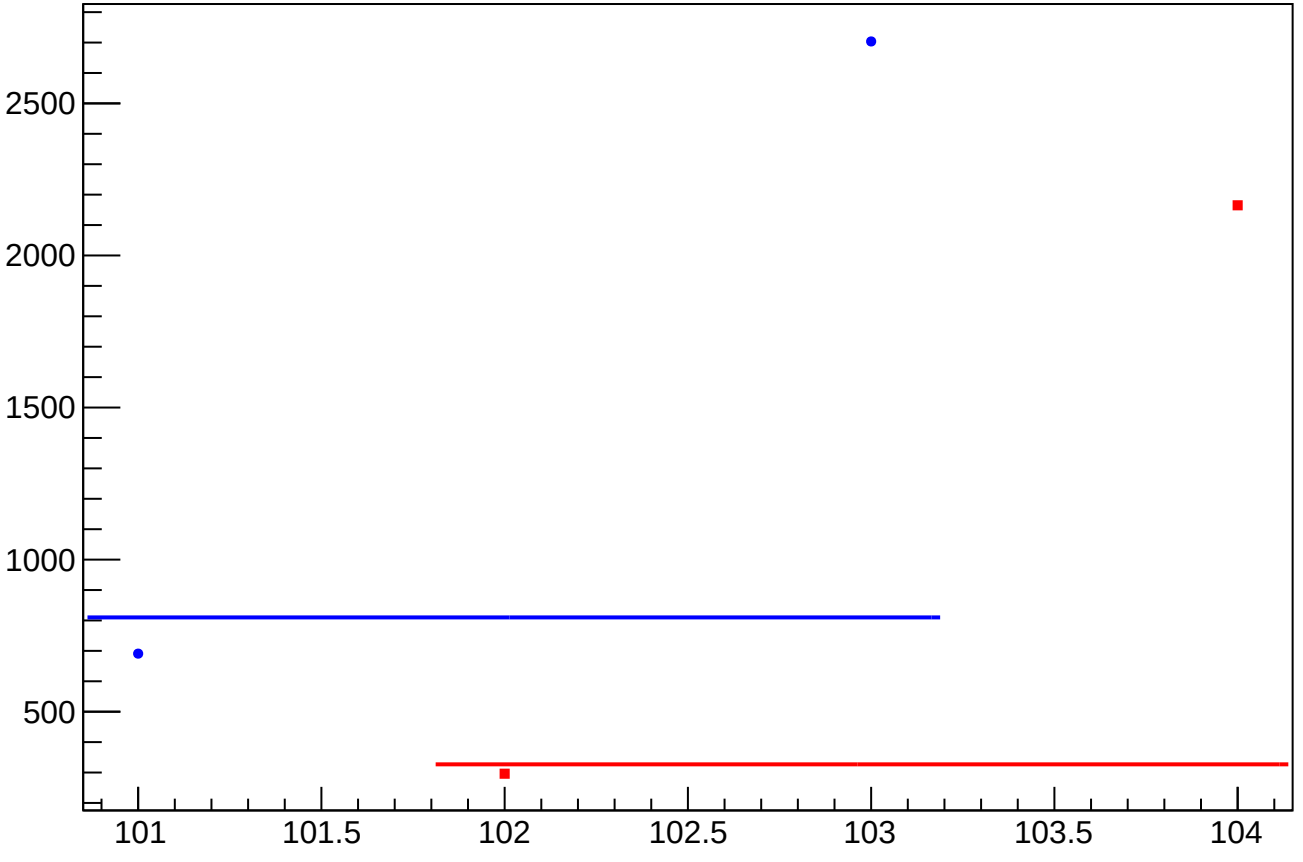
Right: -588.938+/-362.009 χ^2/NDF: 0.8/3

In: -836.993+/-874.304 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -588.938+/-362.009 χ^2/NDF: 0.8/3

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 809.993+/-0.618 χ^2/NDF: 590078.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 326.914+/-0.281 χ^2/NDF: 716179.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

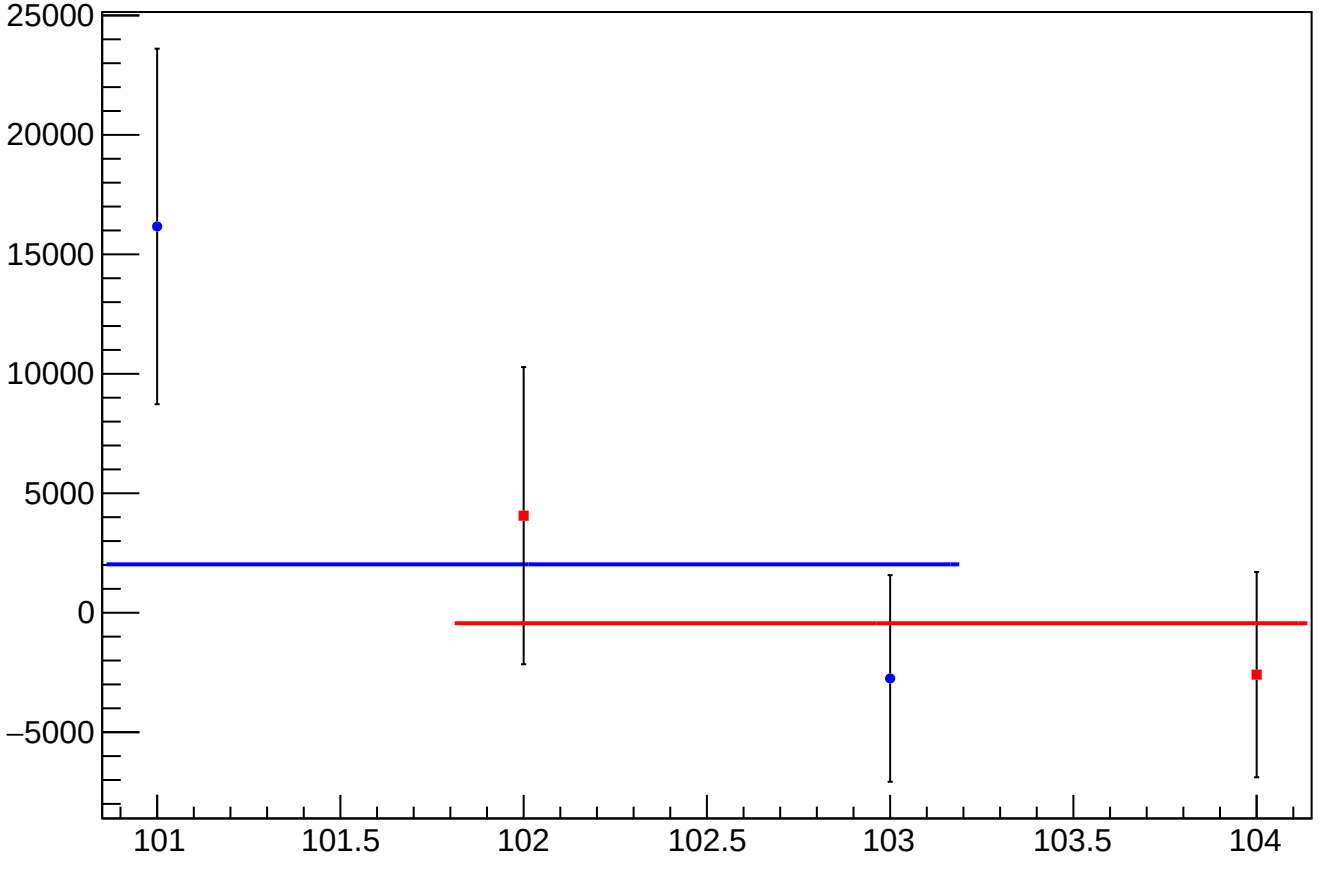
Right: 409.733+/-0.256 χ^2/NDF: 1812160.1/3

In: 809.993+/-0.618 χ^2/NDF:590078.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 409.733+/-0.256 χ^2/NDF: 1812160.1/3

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2025.869+/-3738.897 χ^2/NDF: 4.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -440.076+/-3535.371 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

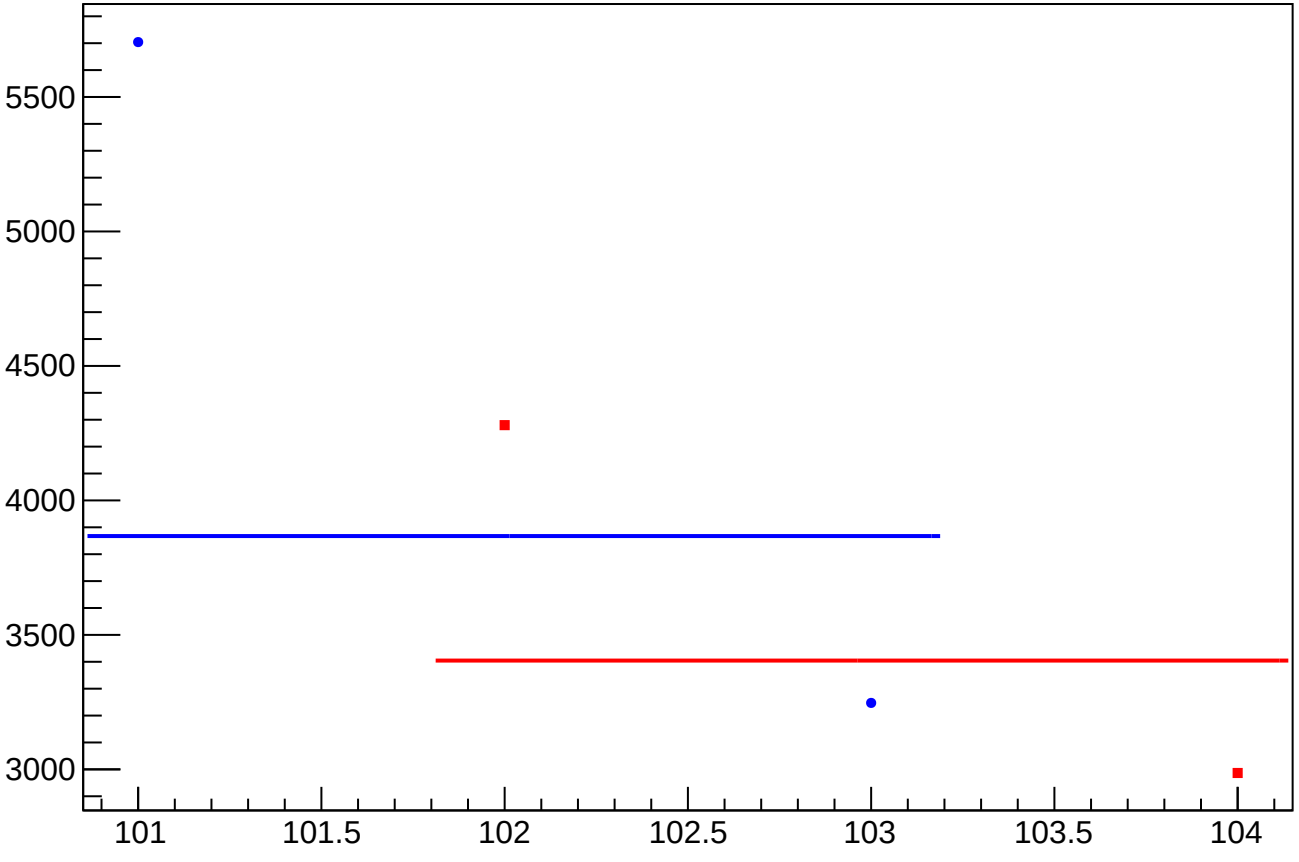
Right: 723.956+/-2568.824 χ^2/NDF: 5.8/3

In: 2025.869+/-3738.897 χ^2/NDF:4.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 723.956+/-2568.824 χ^2/NDF: 5.8/3

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 3867.466+/-2.644 χ^2/NDF: 163010.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3404.509+/-2.500 χ^2/NDF: 58549.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

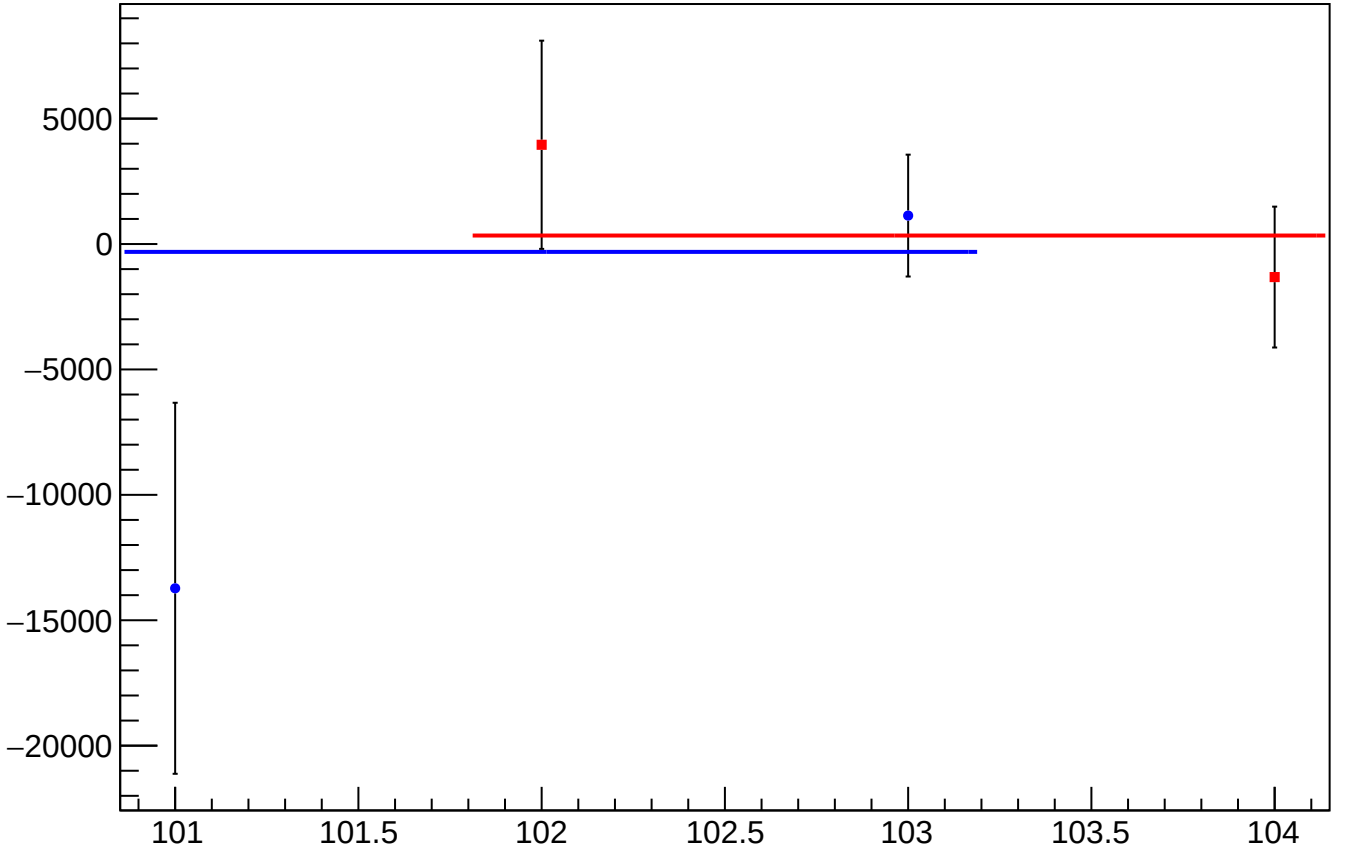
Right: 3623.032+/-1.816 χ^2/NDF: 237749.8/3

In: 3867.466+/-2.644 χ^2/NDF:163010.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3623.032+/-1.816 χ^2/NDF: 237749.8/3

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -313.068+/-2308.035 χ^2/NDF: 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 338.882+/-2326.072 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

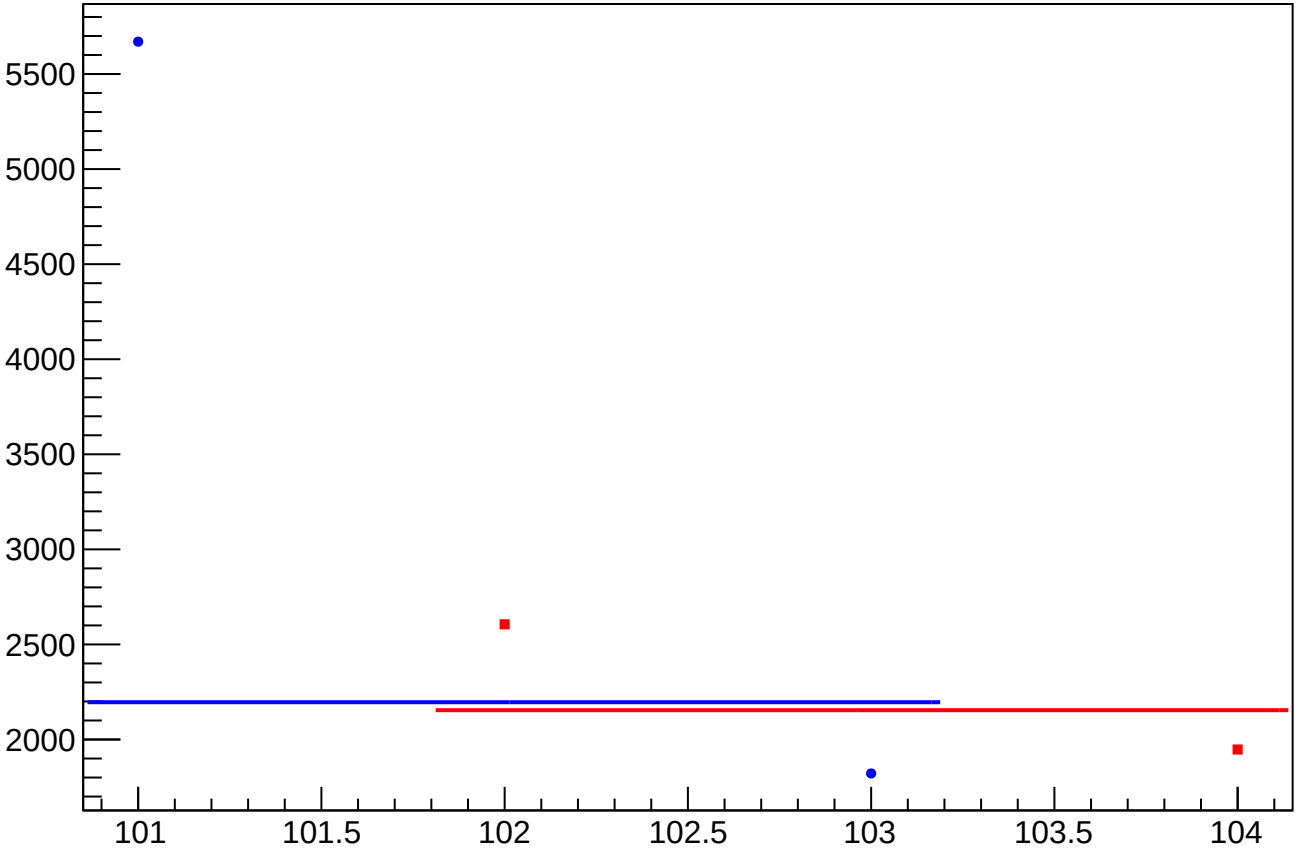
Right: 10.370+/-1638.367 χ^2/NDF: 4.8/3

In: -313.068+/-2308.035 χ^2/NDF:3.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10.370+/-1638.367 χ^2/NDF: 4.8/3

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2196.130+/-1.632 χ^2/NDF: 488803.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2154.169+/-1.645 χ^2/NDF: 34514.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

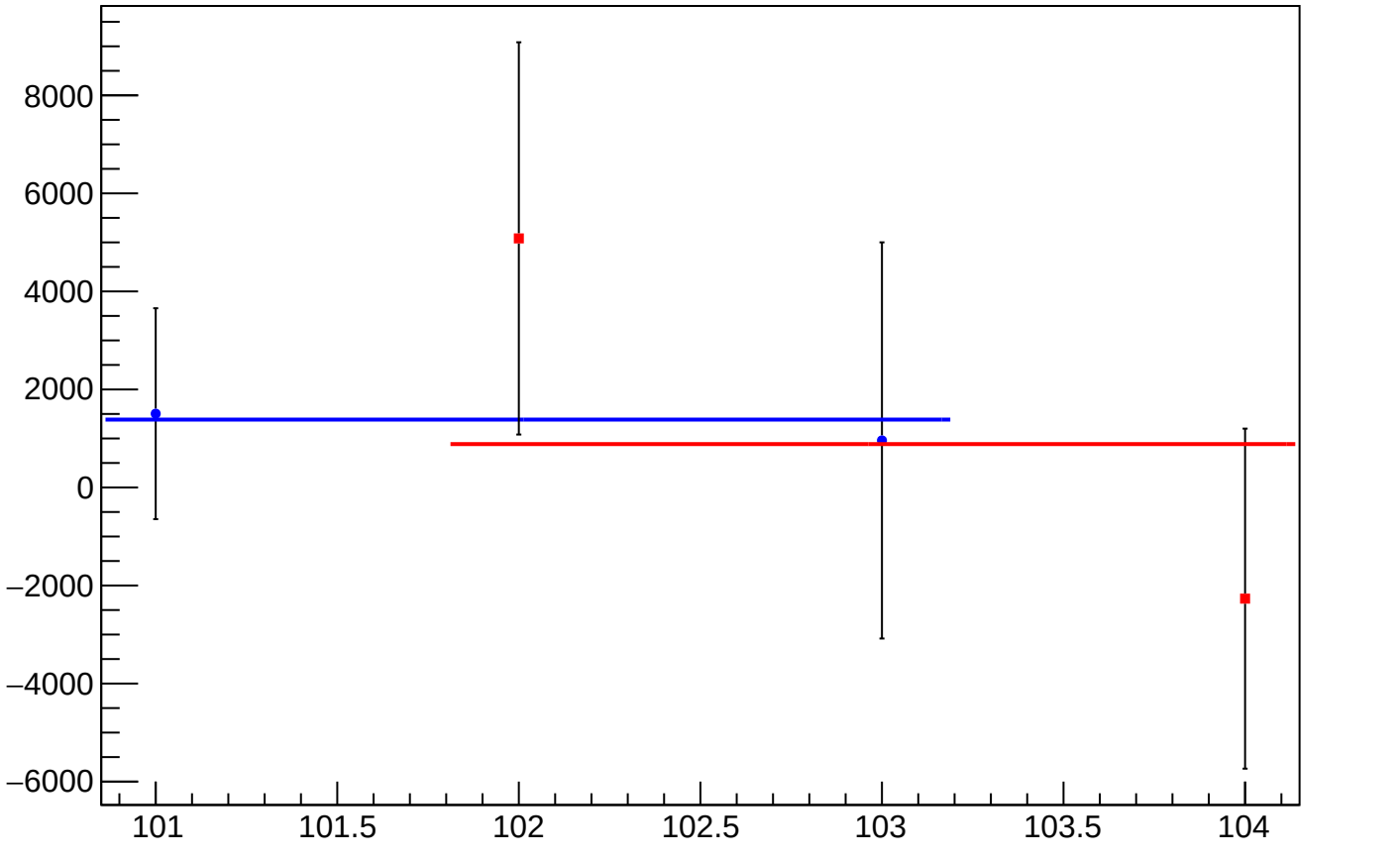
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2175.312+/-1.158 χ^2/NDF: 523646.6/3

In: 2196.130+/-1.632 χ^2/NDF:488803.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2175.312+/-1.158 χ^2/NDF: 523646.6/3



Right In: 1384.978+/-1898.692 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 885.175+/-2620.685 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

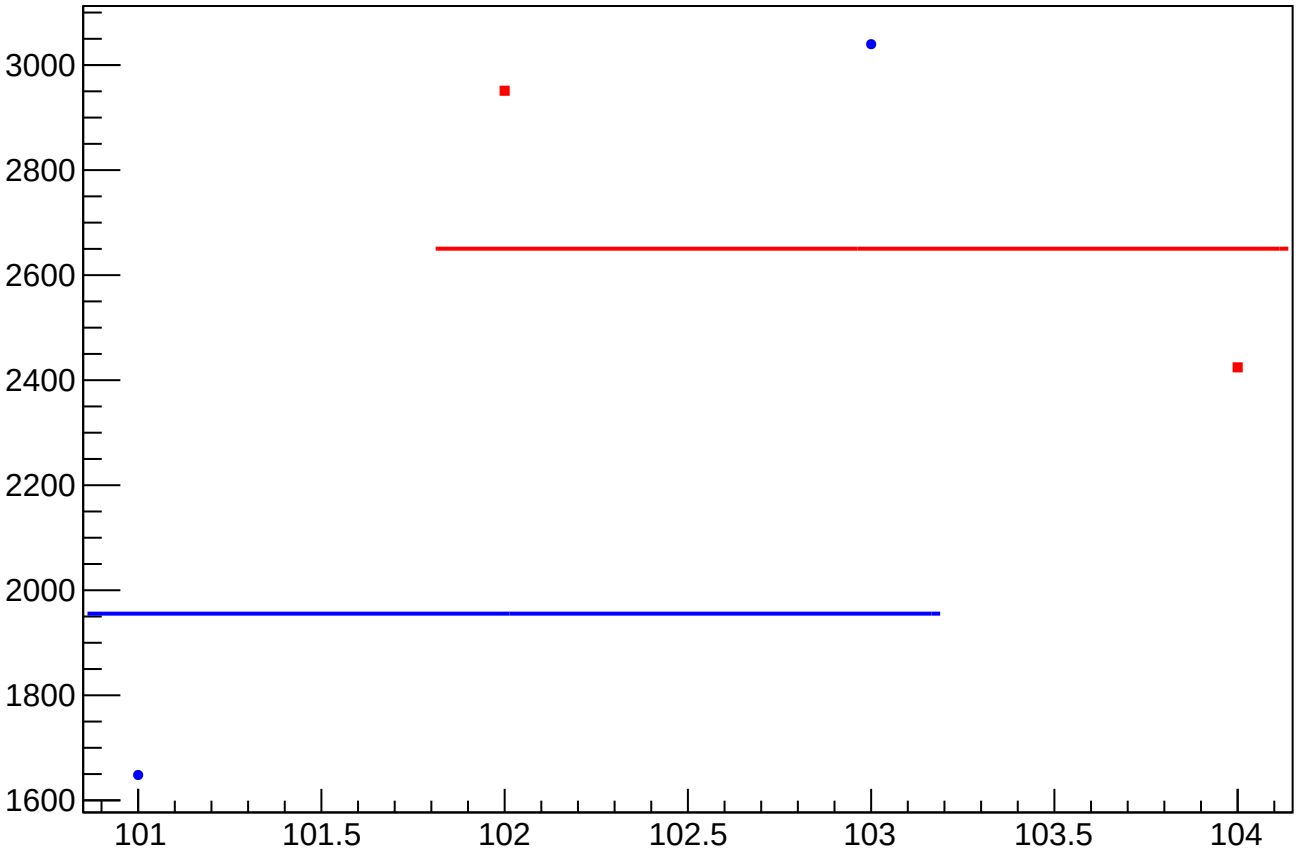
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1212.935+/-1537.565 χ^2/NDF: 2.0/3

In: 1384.978+/-1898.692 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1212.935+/-1537.565 χ^2/NDF: 2.0/3



Right In: 1955.468+/-1.343 χ^2/NDF: 184817.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2650.390+/-1.853 χ^2/NDF: 19787.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

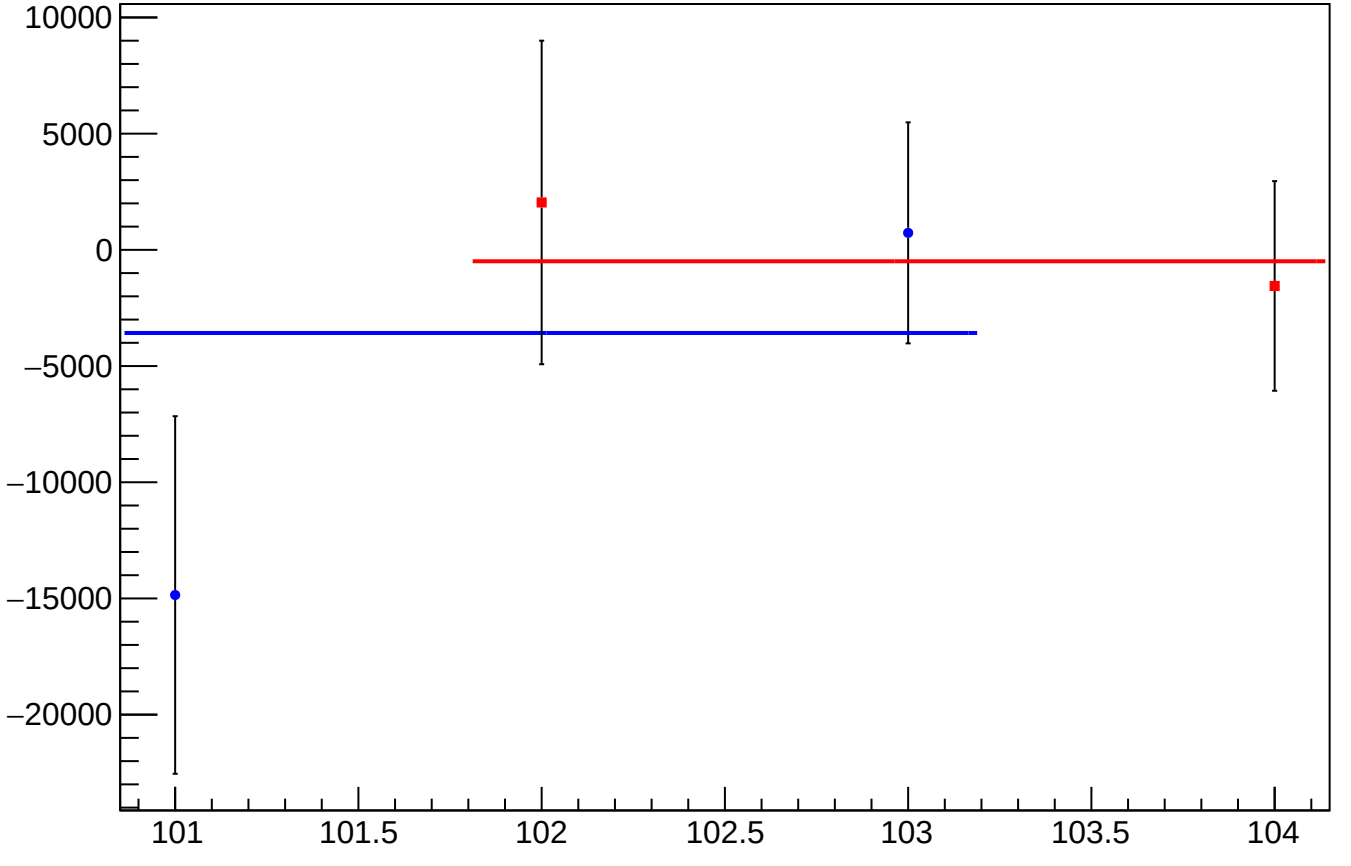
Right: 2194.675+/-1.087 χ^2/NDF: 296825.8/3

In: 1955.468+/-1.343 χ^2/NDF:184817.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2194.675+/-1.087 χ^2/NDF: 296825.8/3

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -3576.315+/-4045.008 χ^2/NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -490.702+/-3785.130 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

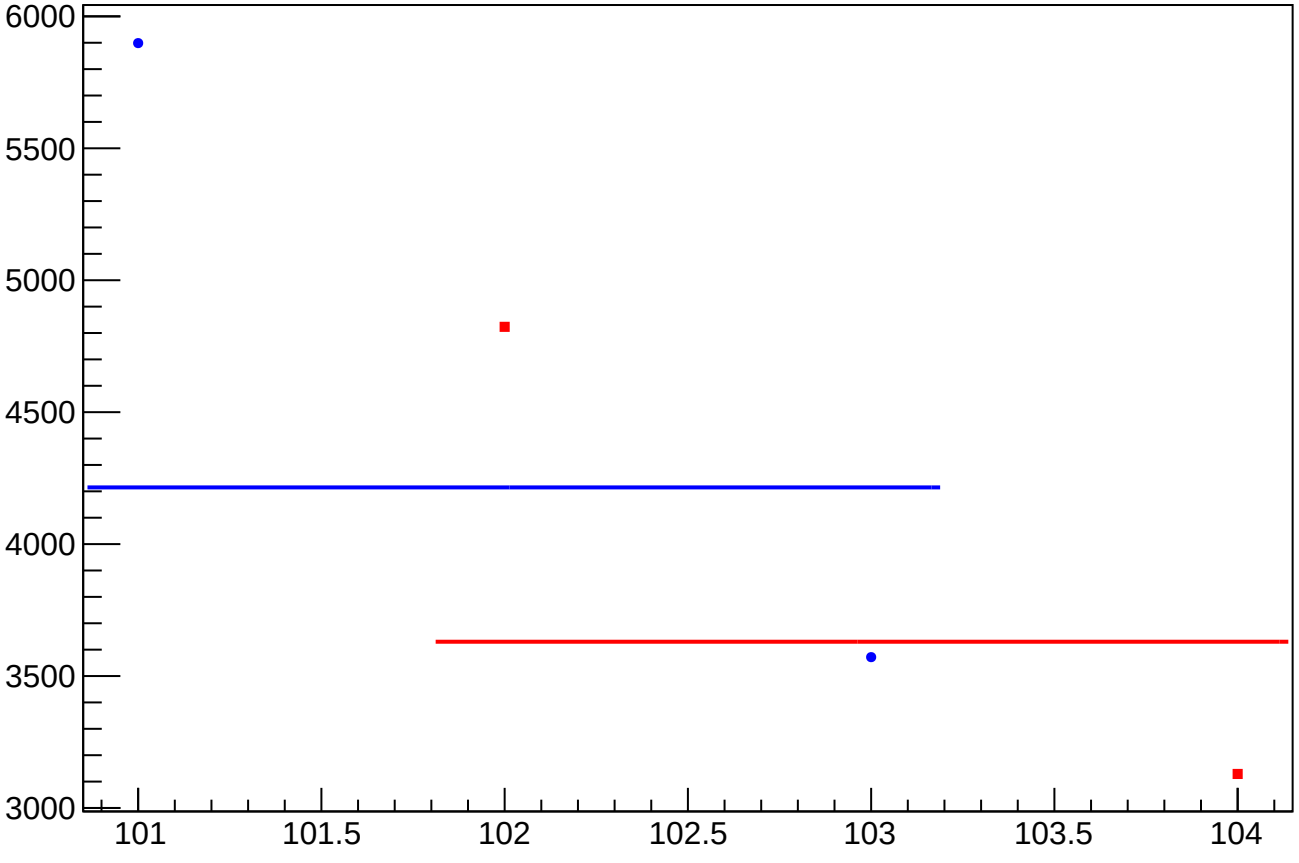
Right: -1931.211+/-2763.800 χ^2/NDF: 3.5/3

In: -3576.315+/-4045.008 χ^2/NDF:3.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1931.211+/-2763.800 χ^2/NDF: 3.5/3

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 4214.879+/-2.860 χ^2/NDF: 132390.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3630.024+/-2.676 χ^2/NDF: 83487.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

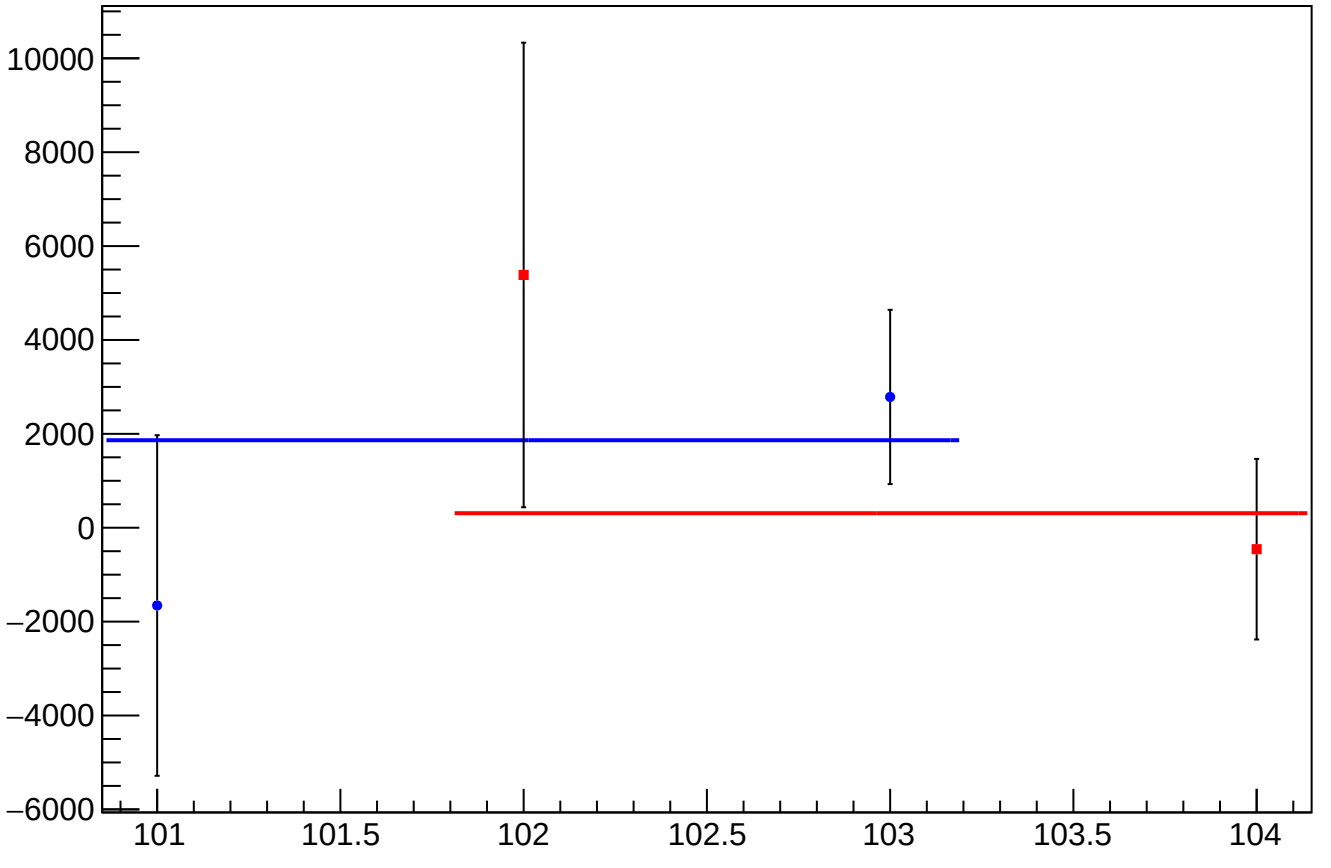
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3903.045+/-1.954 χ^2/NDF: 238171.1/3

In: 4214.879+/-2.860 χ^2/NDF:132390.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3903.045+/-1.954 χ^2/NDF: 238171.1/3



Right In: 1864.110+/-1652.693 χ^2/NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 309.682+/-1792.566 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

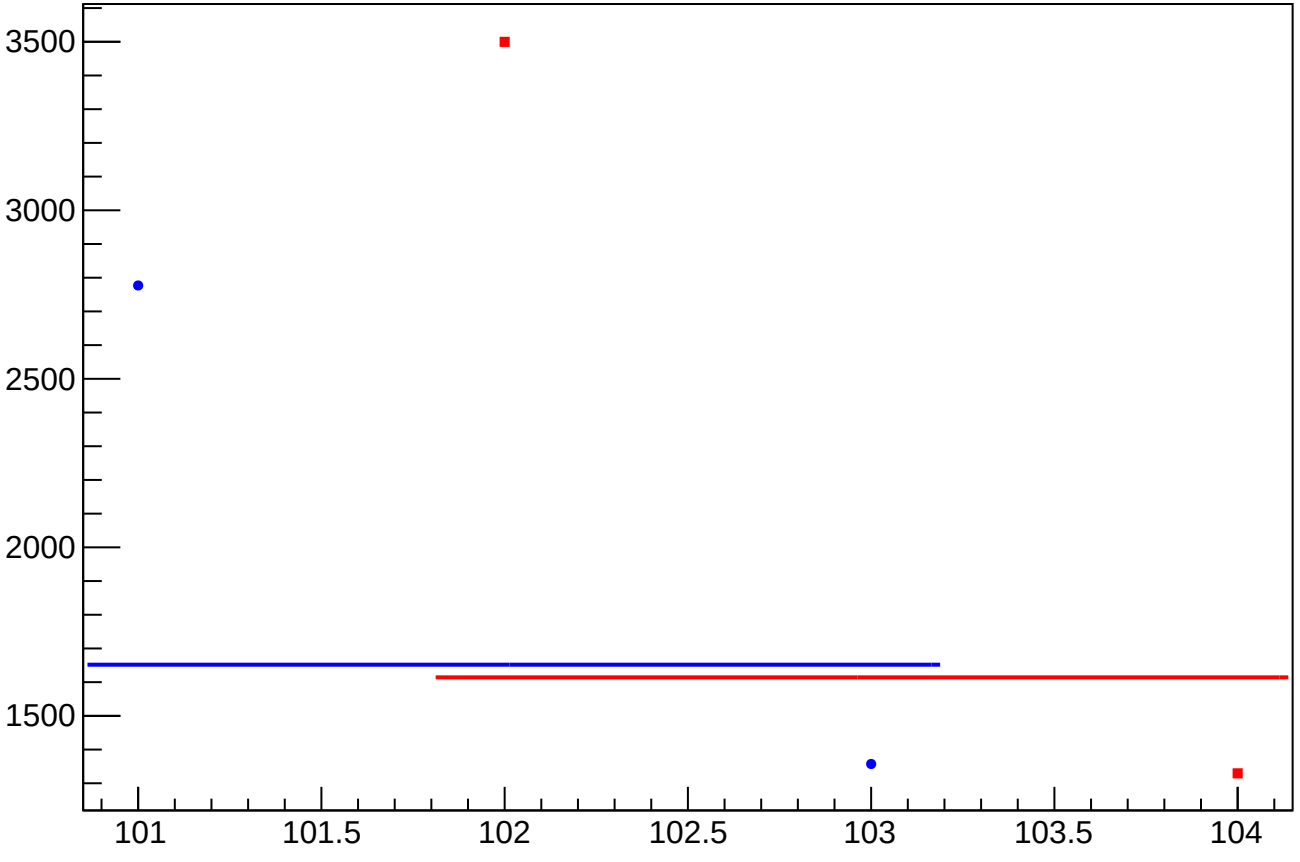
Right: 1149.900+/-1215.074 χ^2/NDF: 2.8/3

In: 1864.110+/-1652.693 χ^2/NDF:1.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1149.900+/-1215.074 χ^2/NDF: 2.8/3

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1651.835+/-1.169 χ^2/NDF: 242696.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1614.294+/-1.268 χ^2/NDF: 334255.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

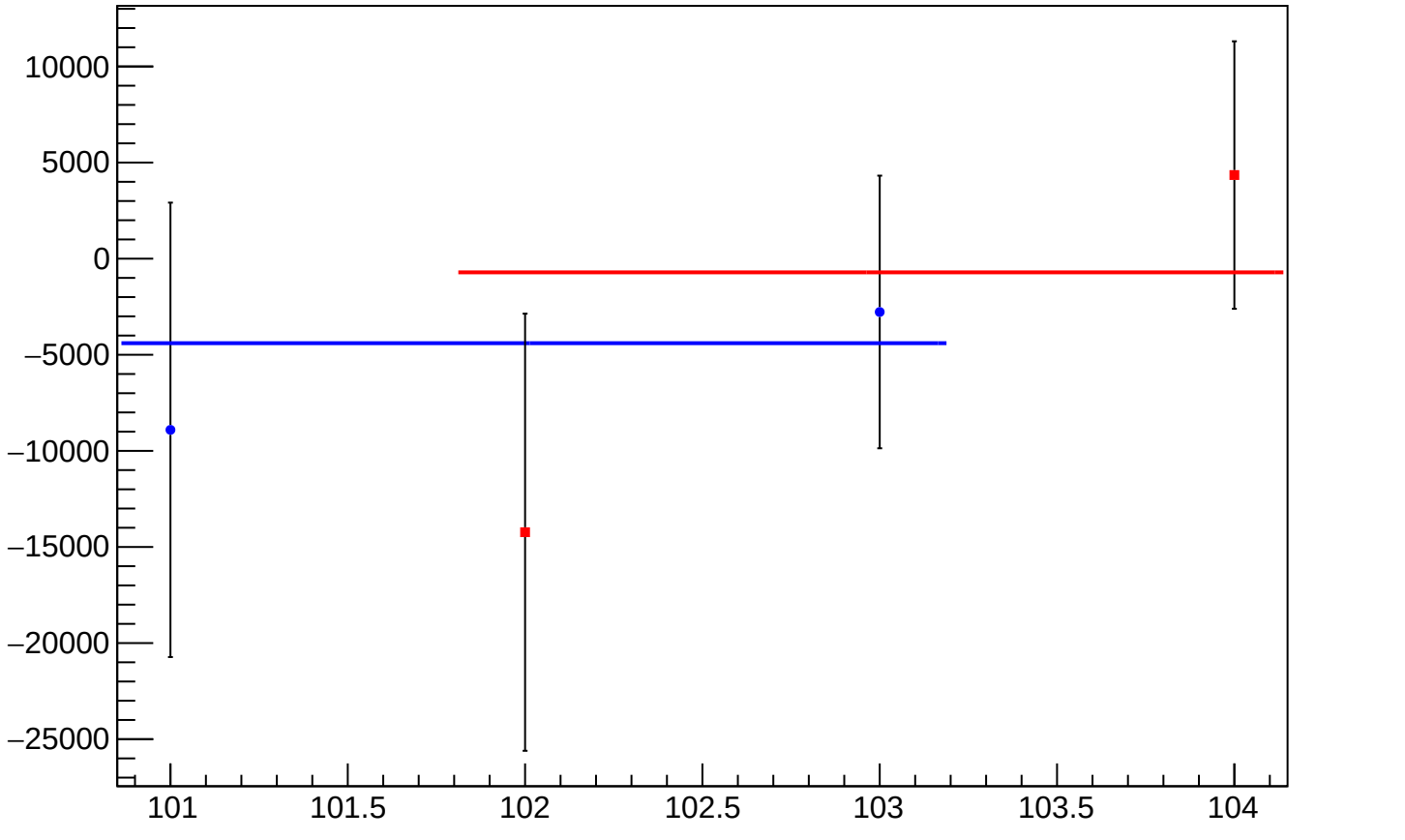
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1634.586+/-0.859 χ^2/NDF: 577426.0/3

In: 1651.835+/-1.169 χ^2/NDF:242696.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1634.586+/-0.859 χ^2/NDF: 577426.0/3



Right In: -4396.700+/-6081.850 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -711.120+/-5935.245 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

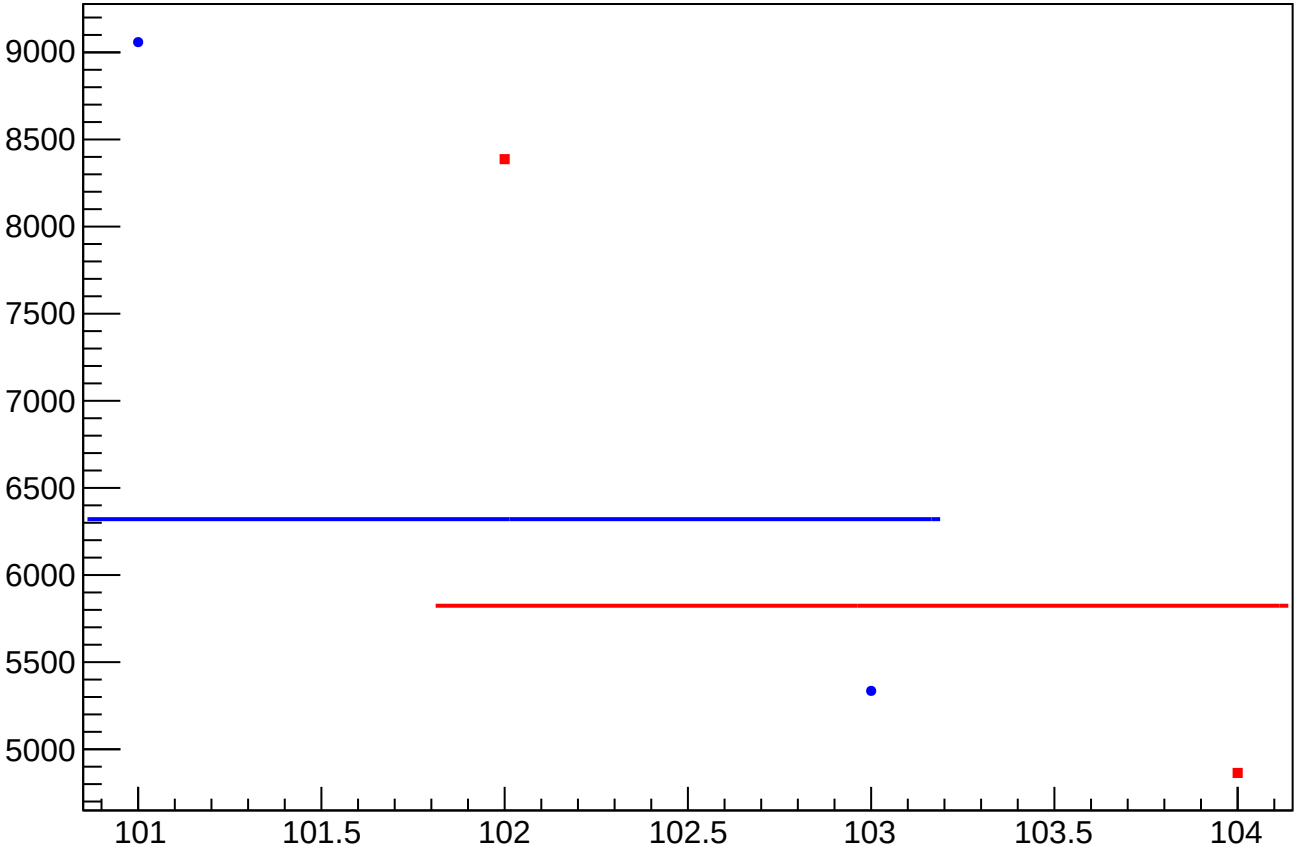
Right: -2508.953+/-4247.736 χ^2/NDF: 2.3/3

In: -4396.700+/-6081.850 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2508.953+/-4247.736 χ^2/NDF: 2.3/3

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 6320.683+/-4.301 χ^2/NDF: 145914.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5823.838+/-4.197 χ^2/NDF: 139671.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

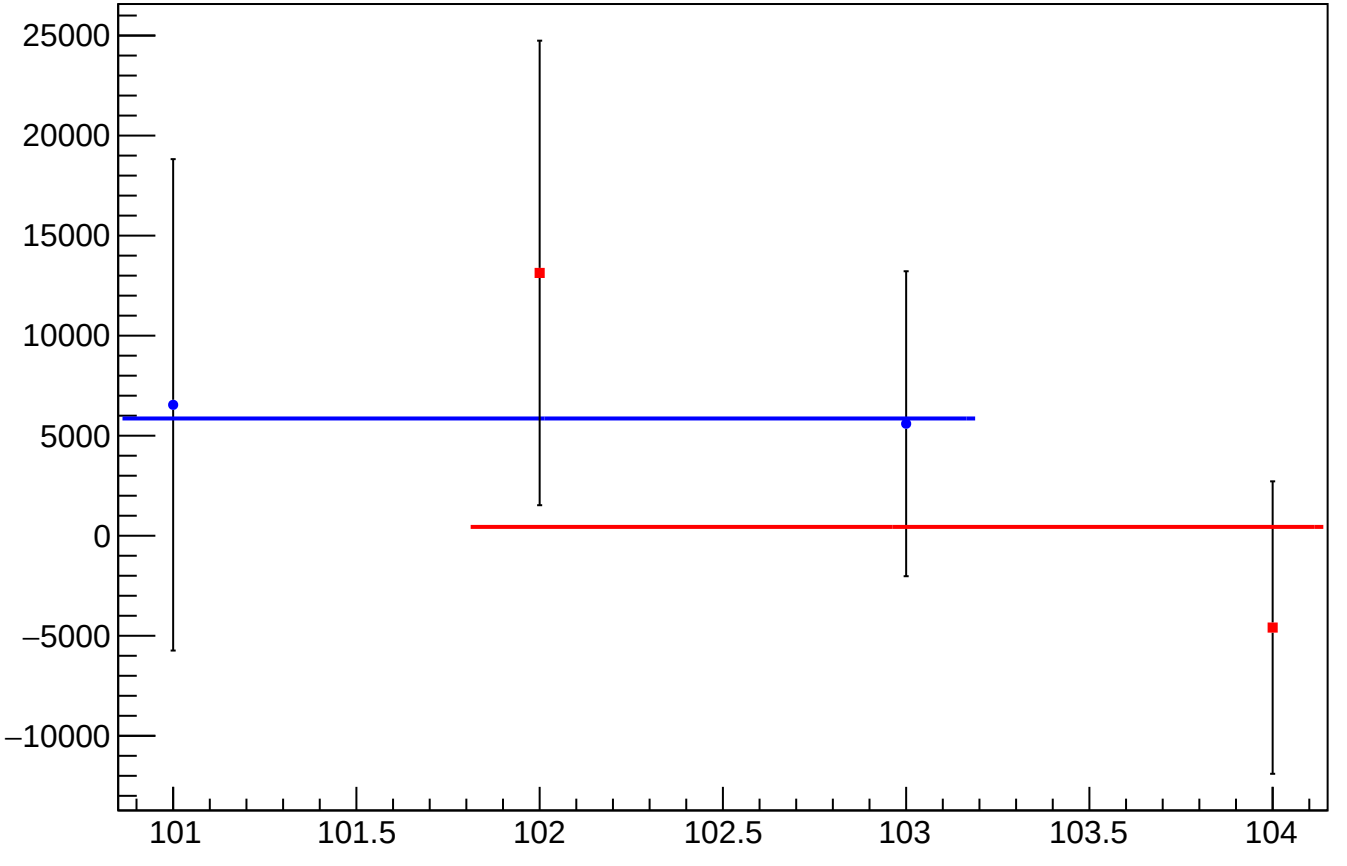
Right: 6066.200+/-3.004 χ^2/NDF: 292422.4/3

In: 6320.683+/-4.301 χ^2/NDF:145914.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6066.200+/-3.004 χ^2/NDF: 292422.4/3

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5860.563+/-6475.668 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 441.160+/-6185.104 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

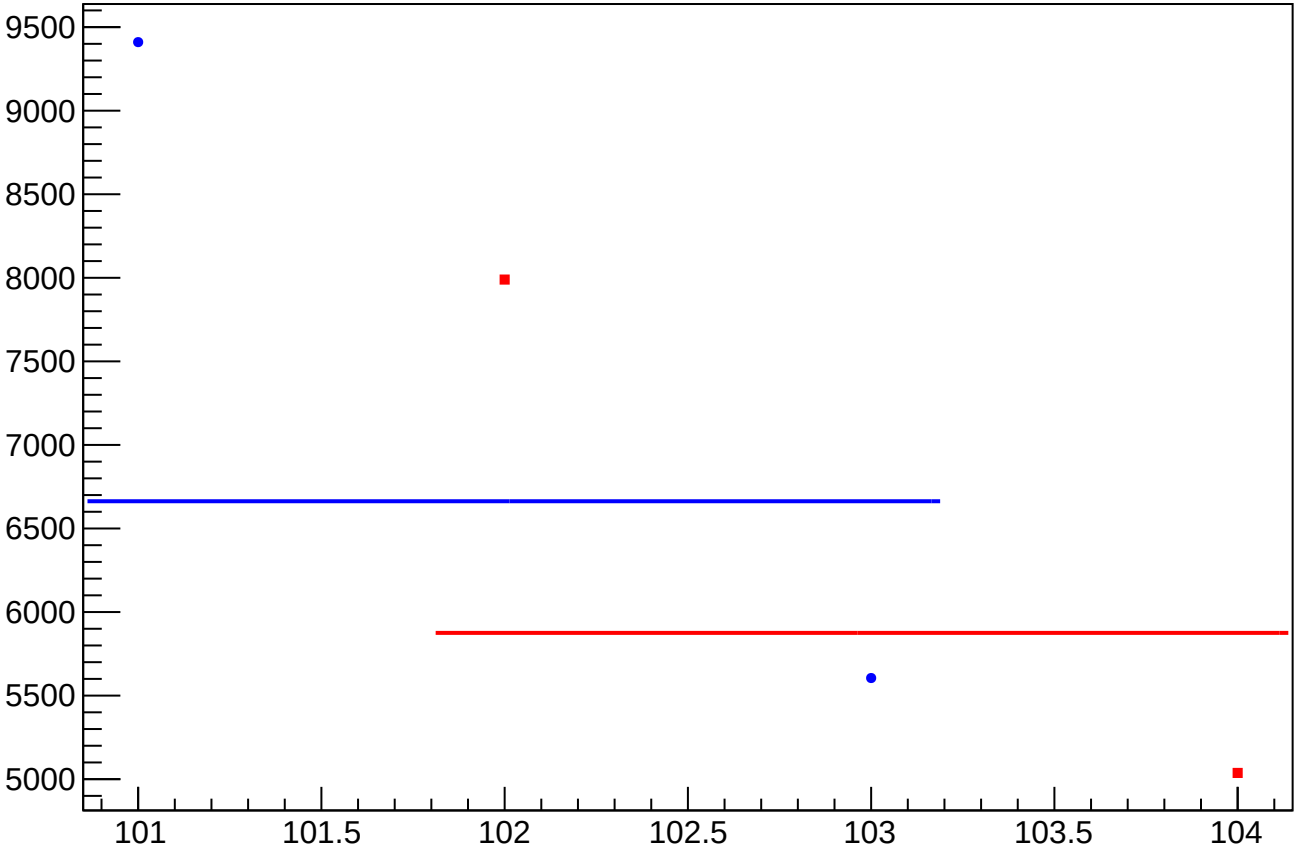
Right: 3026.552+/-4472.723 χ^2/NDF: 2.0/3

In: 5860.563+/-6475.668 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3026.552+/-4472.723 χ^2/NDF: 2.0/3

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6663.009+/-4.579 χ^2/NDF: 138627.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5875.305+/-4.373 χ^2/NDF: 92635.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

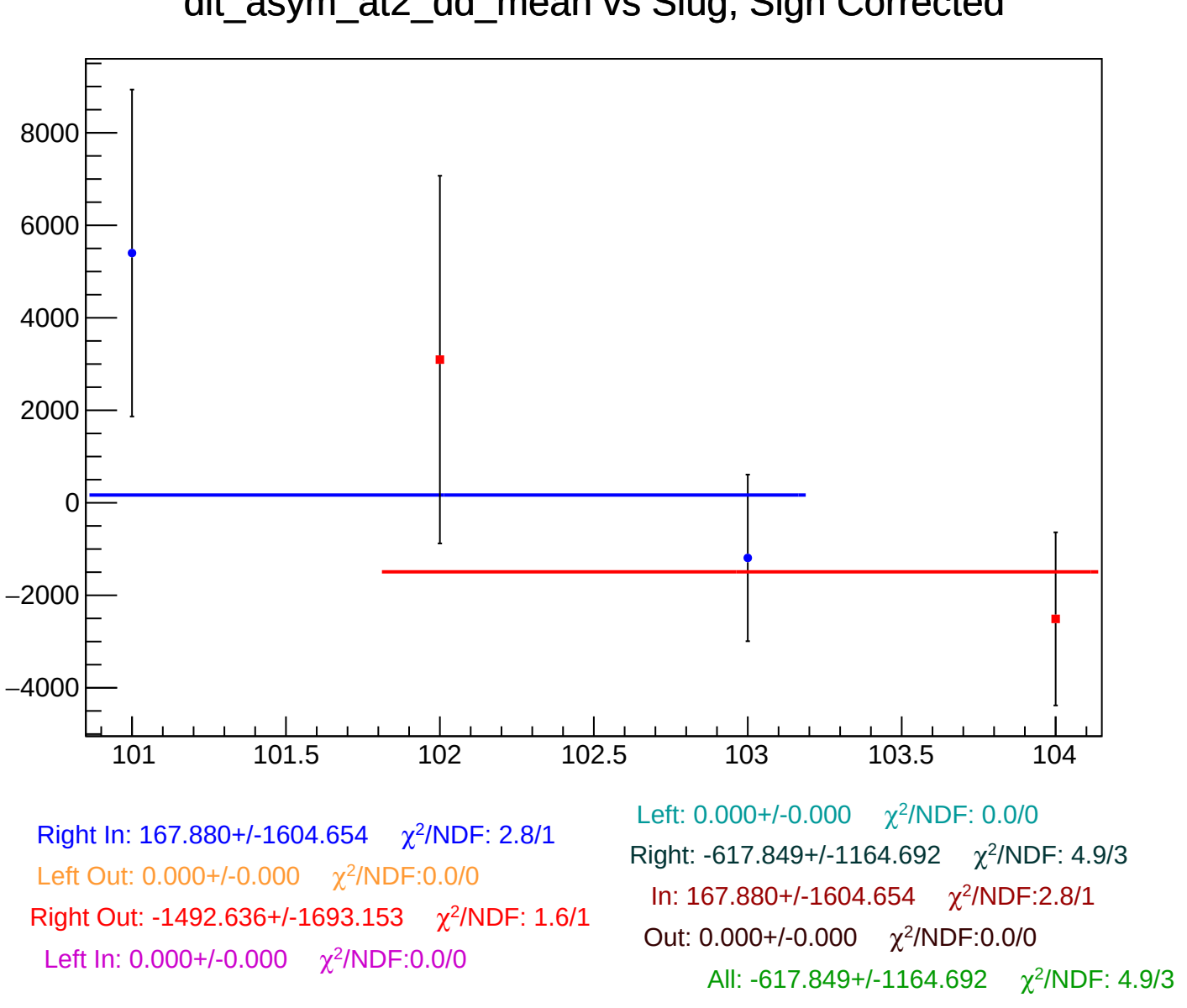
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6251.099+/-3.162 χ^2/NDF: 246740.1/3

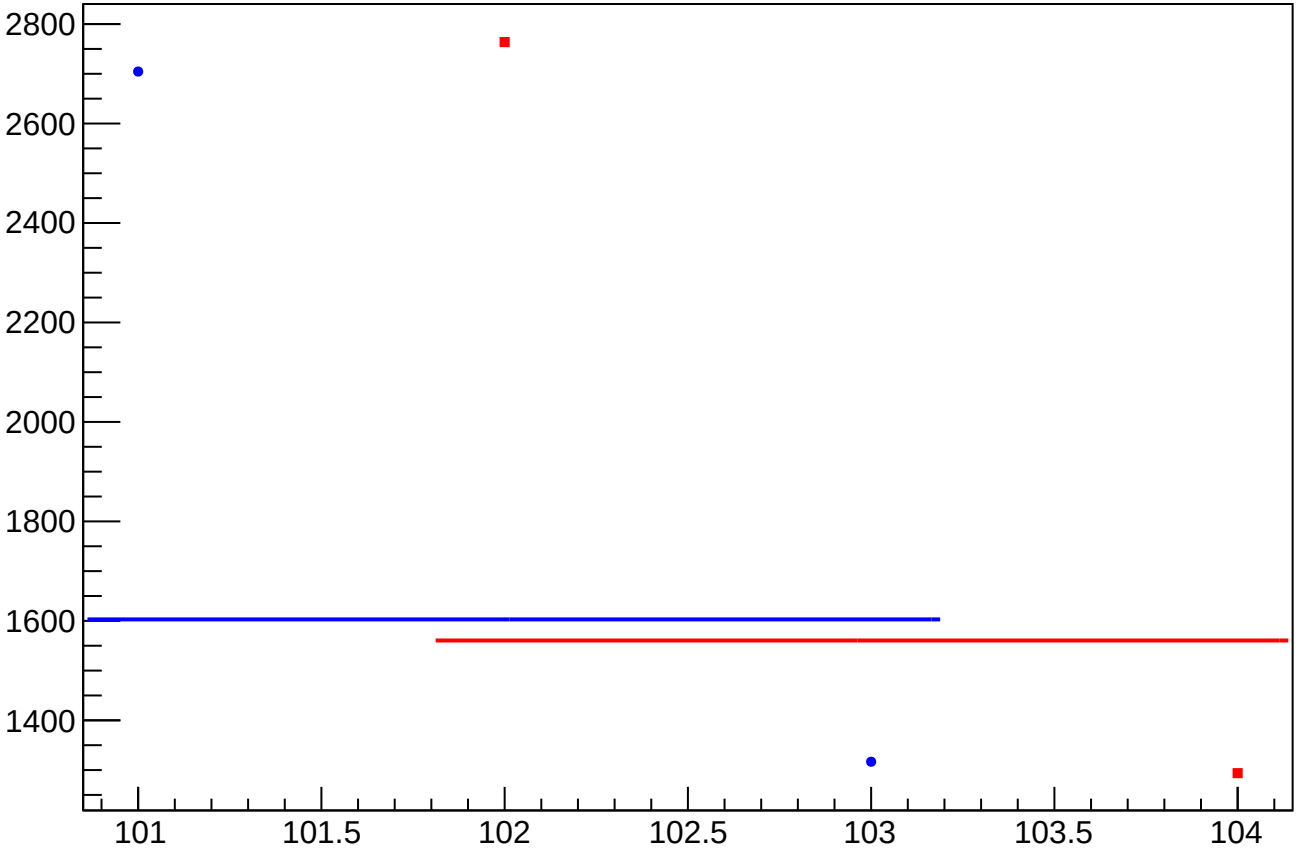
In: 6663.009+/-4.579 χ^2/NDF:138627.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6251.099+/-3.162 χ^2/NDF: 246740.1/3


dit_asym_at2_dd_mean vs Slug, Sign Corrected
8000
6000
4000
2000
0
−2000
−4000
101
101.5
102
102.5
103
103.5
104
Right In: 167.880+/-1604.654 χ²/NDF: 2.8/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -1492.636+/-1693.153 χ²/NDF: 1.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -617.849+/-1164.692 χ²/NDF: 4.9/3
In: 167.880+/-1604.654 χ²/NDF:2.8/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -617.849+/-1164.692 χ²/NDF: 4.9/3

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1602.929+/-1.135 χ^2/NDF: 244881.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1560.526+/-1.197 χ^2/NDF: 223904.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

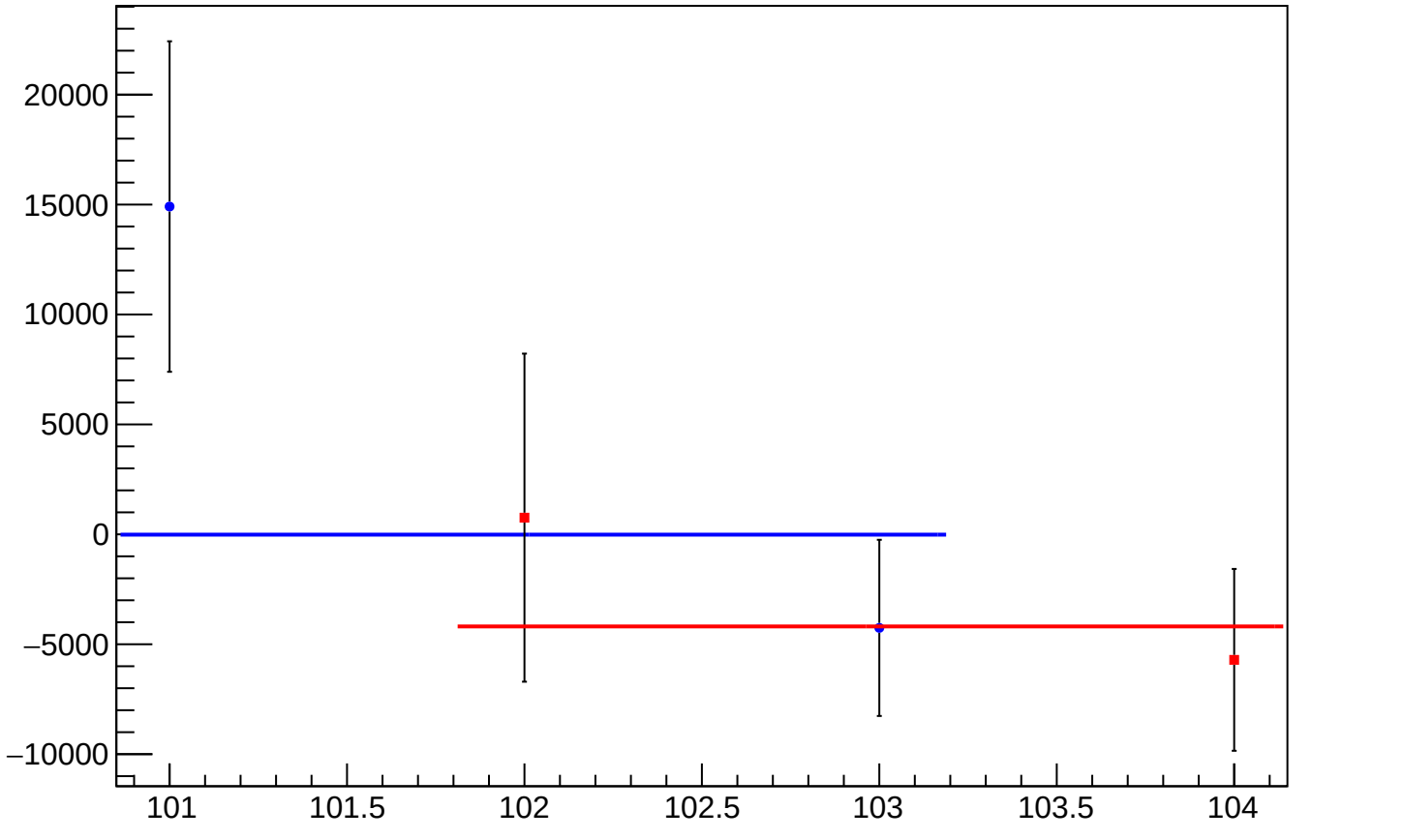
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

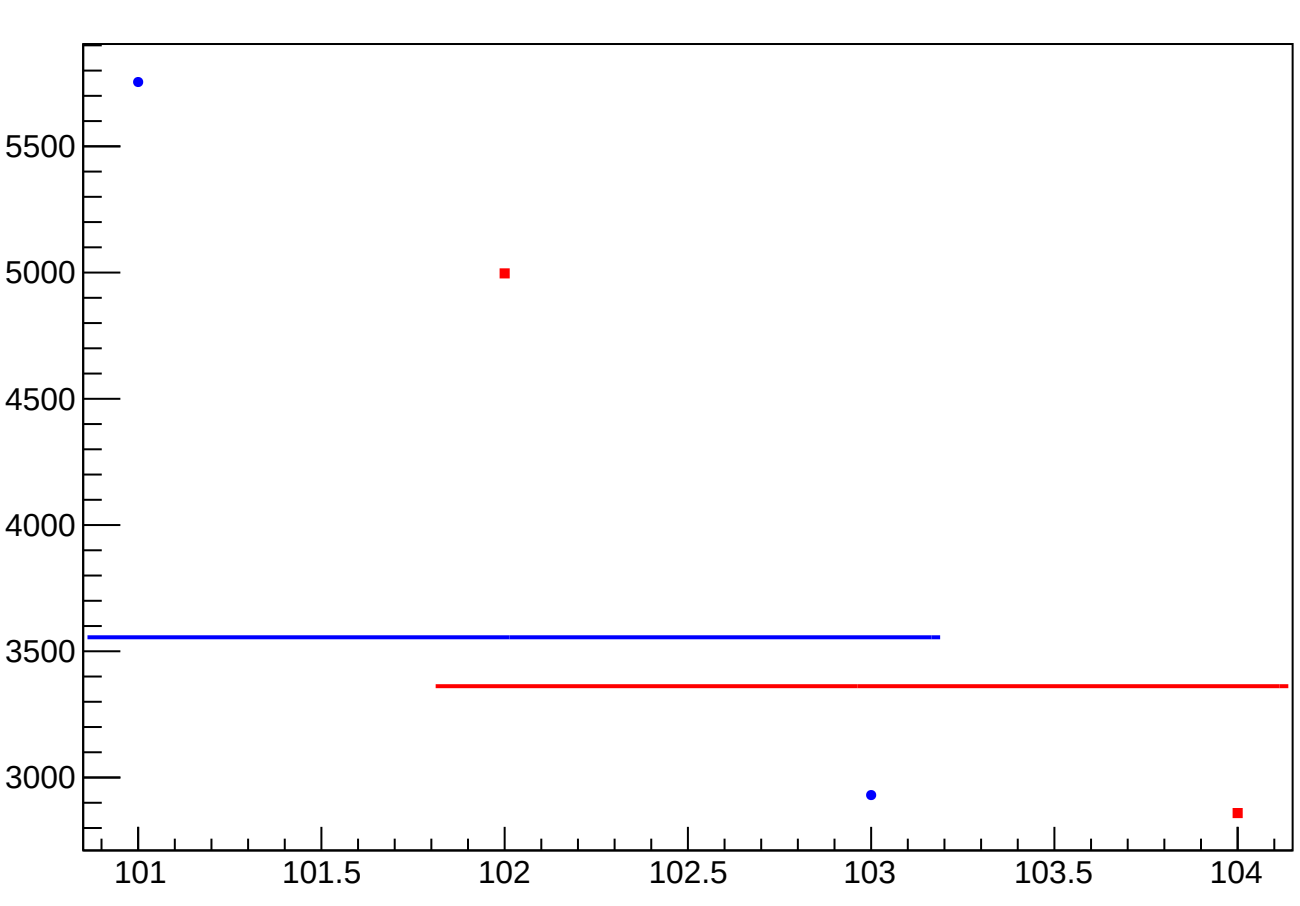
Right: 1582.865+/-0.824 χ^2/NDF: 469446.6/3

In: 1602.929+/-1.135 χ^2/NDF:244881.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1582.865+/-0.824 χ^2/NDF: 469446.6/3


asym_at2_dd_correction_mean vs Slug, Sign Corrected
20000
15000
10000
5000
0
−5000
−10000
101
101.5
102
102.5
103
103.5
104
Right In: -14.079+/-3535.927 χ²/NDF: 5.1/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -4189.508+/-3617.263 χ²/NDF: 0.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -2054.322+/-2528.544 χ²/NDF: 6.3/3
In: -14.079+/-3535.927 χ²/NDF:5.1/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -2054.322+/-2528.544 χ²/NDF: 6.3/3



Right In: 3555.419+/-2.500 χ^2/NDF: 219869.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3361.715+/-2.558 χ^2/NDF: 125594.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

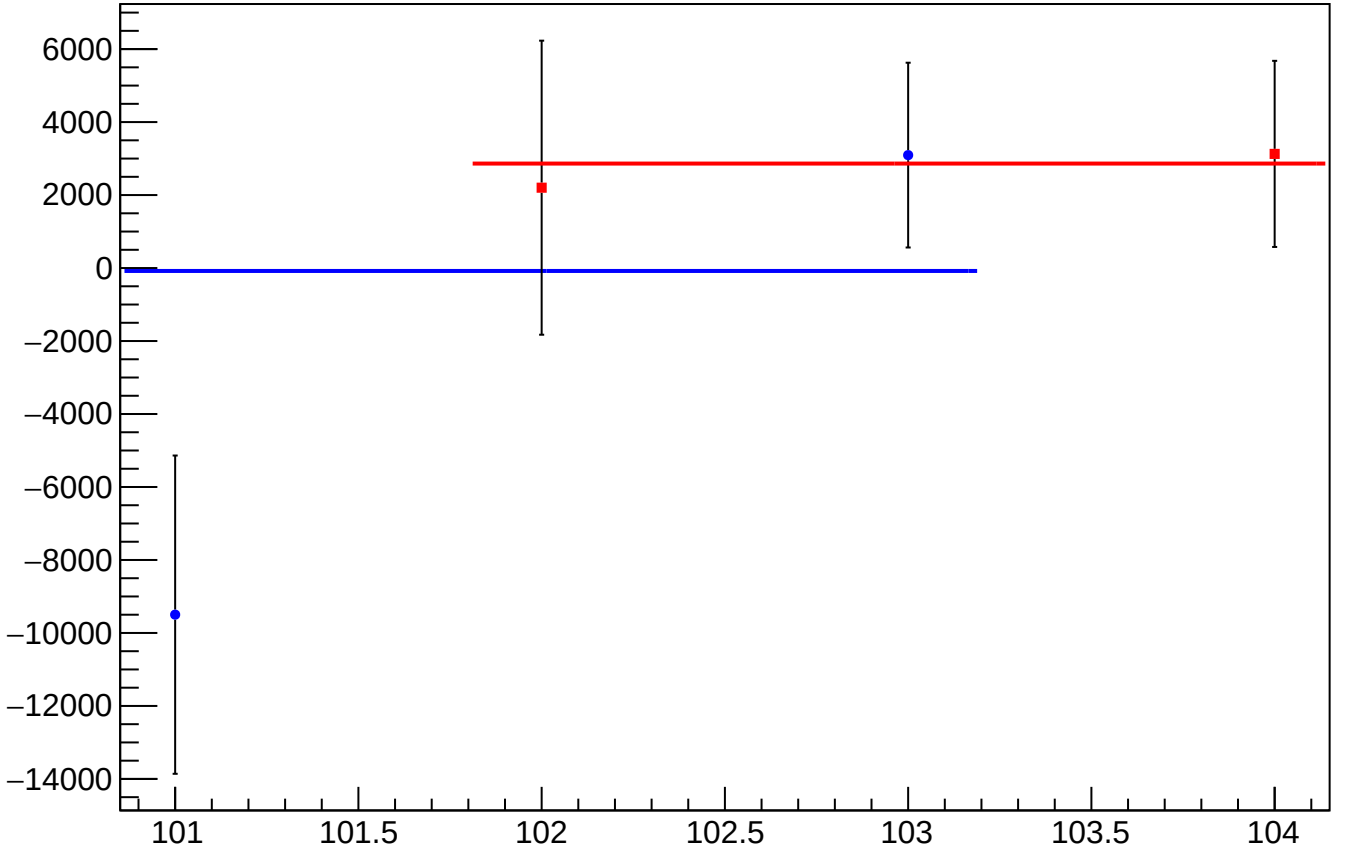
Right: 3460.765+/-1.788 χ^2/NDF: 348397.1/3

In: 3555.419+/-2.500 χ^2/NDF:219869.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3460.765+/-1.788 χ^2/NDF: 348397.1/3

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -79.916+/-2189.522 χ^2/NDF: 6.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2862.985+/-2154.827 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

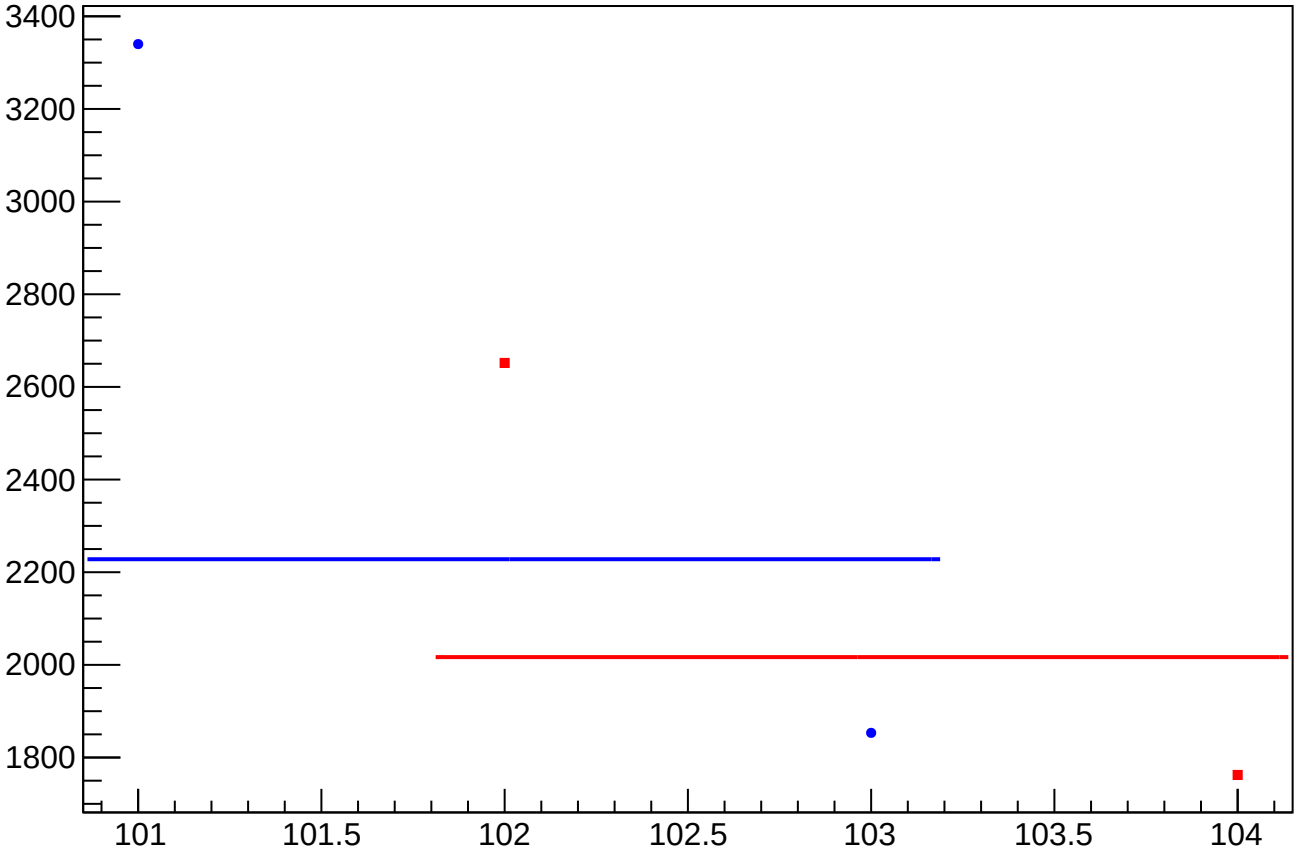
Right: 1415.035+/-1535.812 χ^2/NDF: 7.2/3

In: -79.916+/-2189.522 χ^2/NDF:6.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1415.035+/-1535.812 χ^2/NDF: 7.2/3

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2228.028+/-1.548 χ^2/NDF: 173870.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2016.750+/-1.524 χ^2/NDF: 69583.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

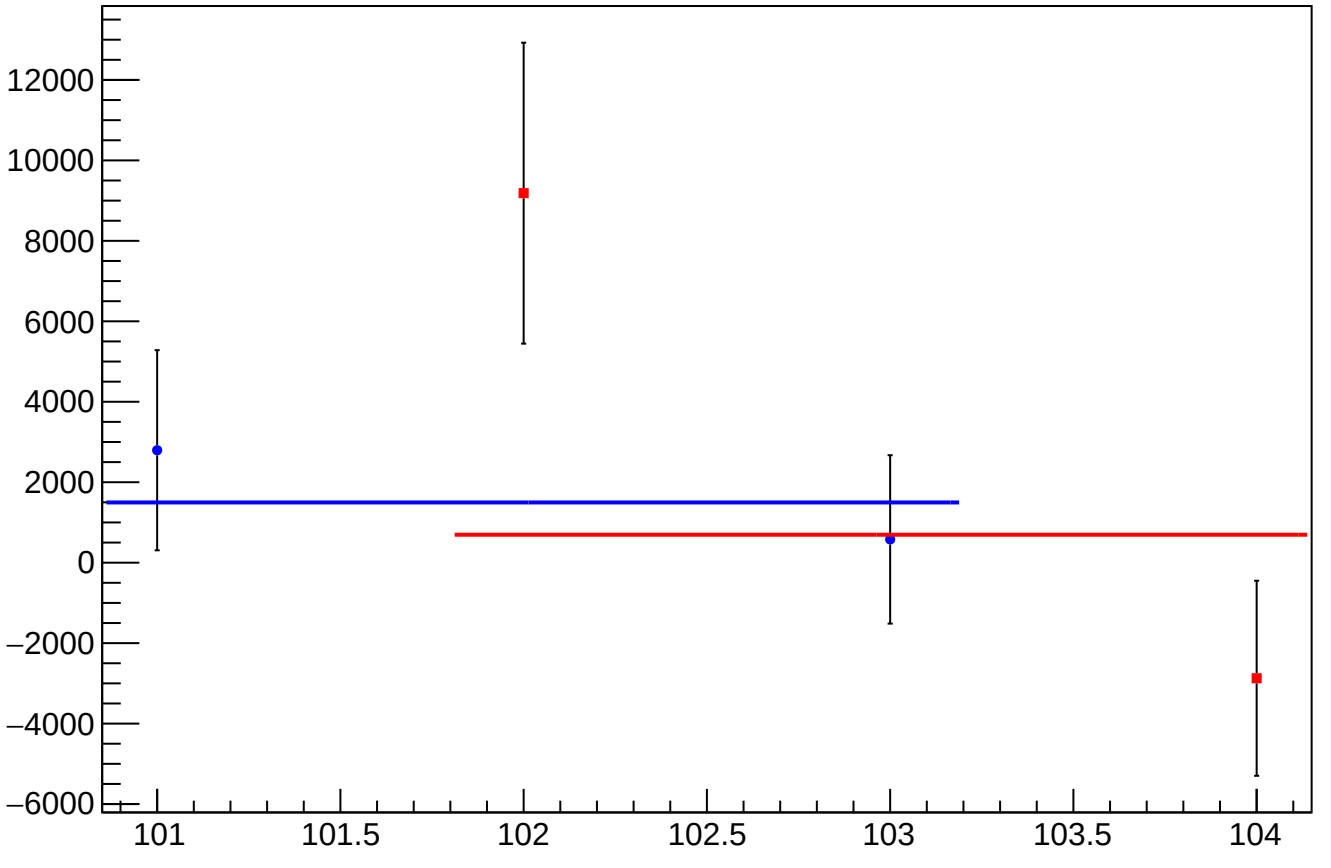
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2120.702+/-1.086 χ^2/NDF: 252913.8/3

In: 2228.028+/-1.548 χ^2/NDF:173870.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2120.702+/-1.086 χ^2/NDF: 252913.8/3



Right In: 1497.348+/-1601.616 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 695.017+/-2034.667 χ^2/NDF: 7.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

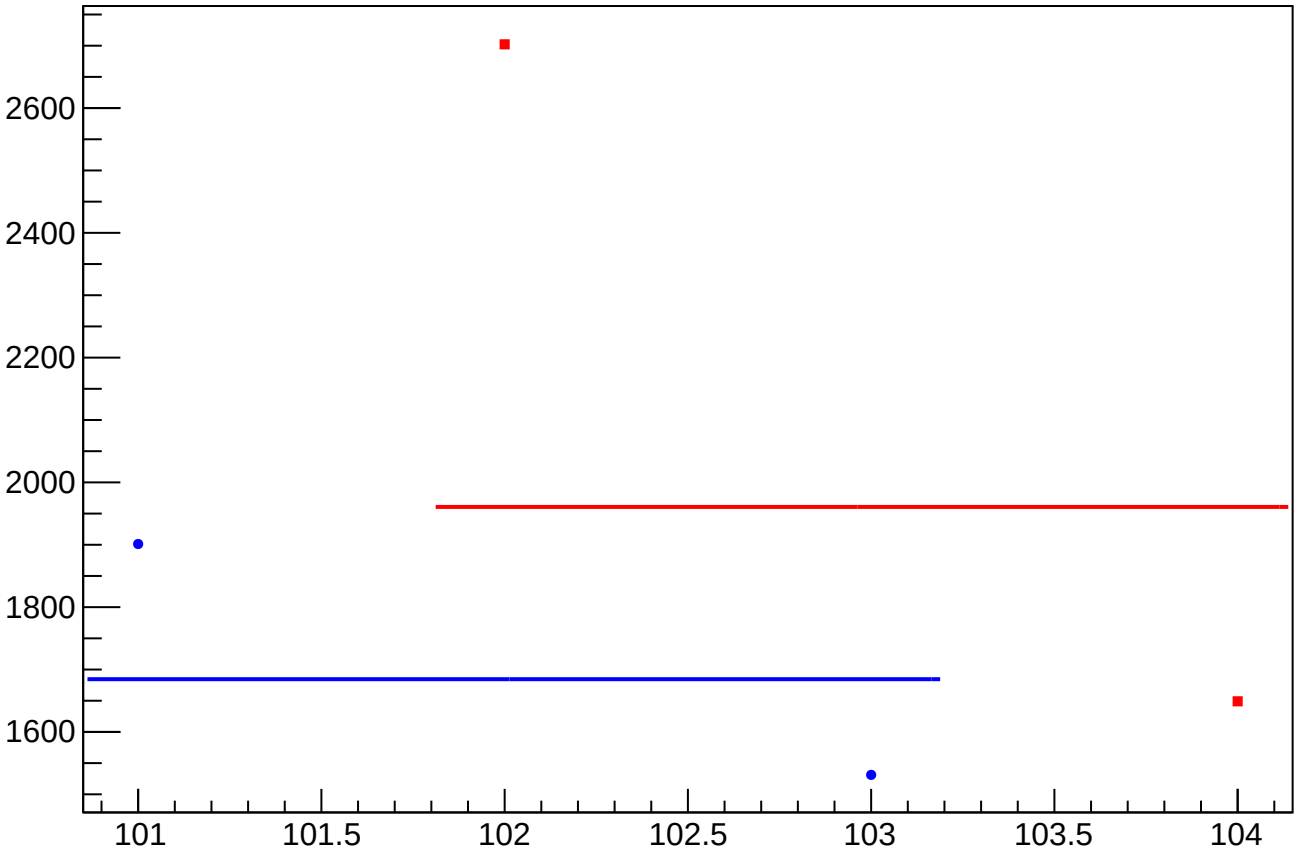
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1190.397+/-1258.494 χ^2/NDF: 7.9/3

In: 1497.348+/-1601.616 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1190.397+/-1258.494 χ^2/NDF: 7.9/3



Right In: 1684.519+/-1.133 χ^2/NDF: 25914.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1960.665+/-1.439 χ^2/NDF: 111626.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

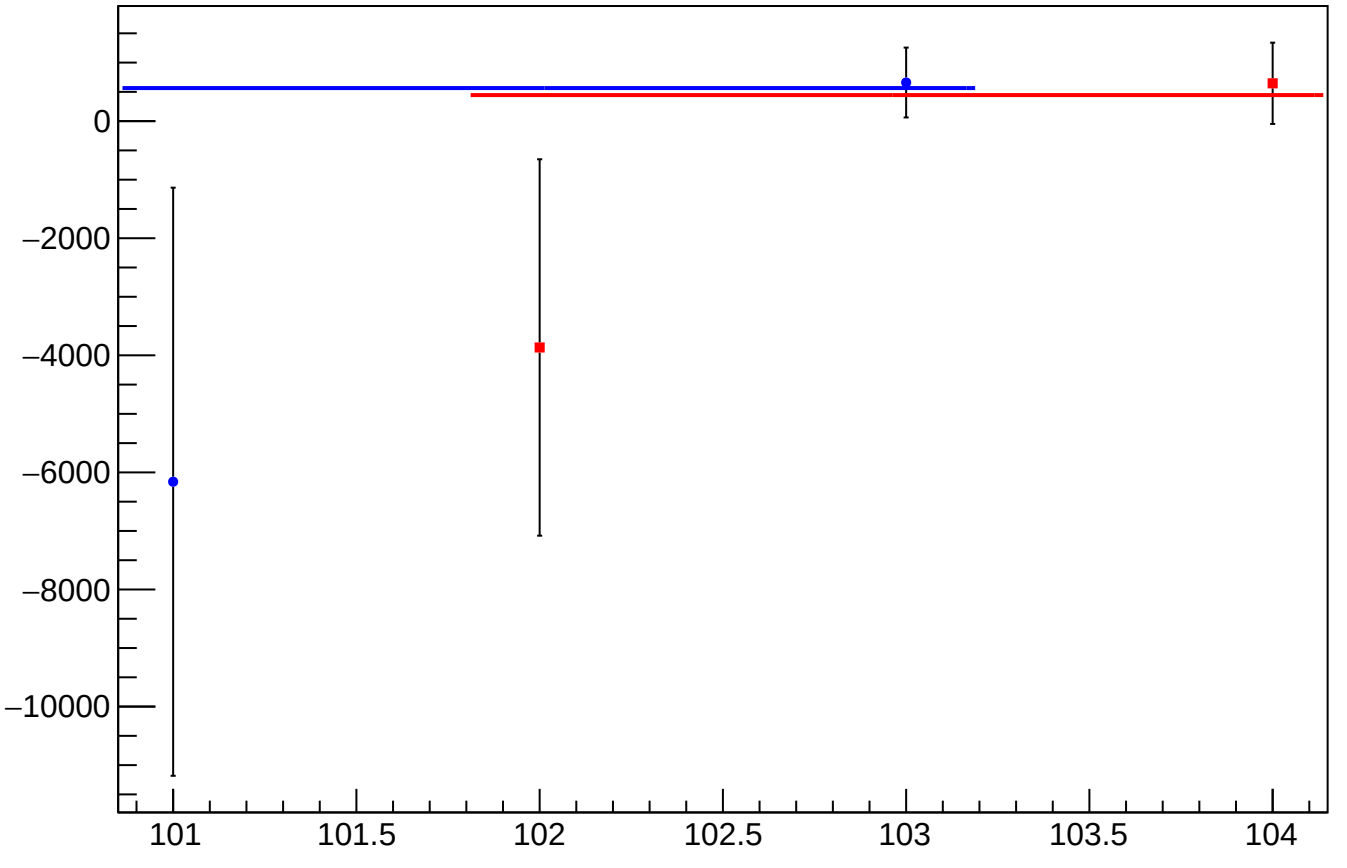
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1790.165+/-0.890 χ^2/NDF: 160287.6/3

In: 1684.519+/-1.133 χ^2/NDF:25914.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1790.165+/-0.890 χ^2/NDF: 160287.6/3



Right In: 564.805+/-592.285 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 445.041+/-678.573 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

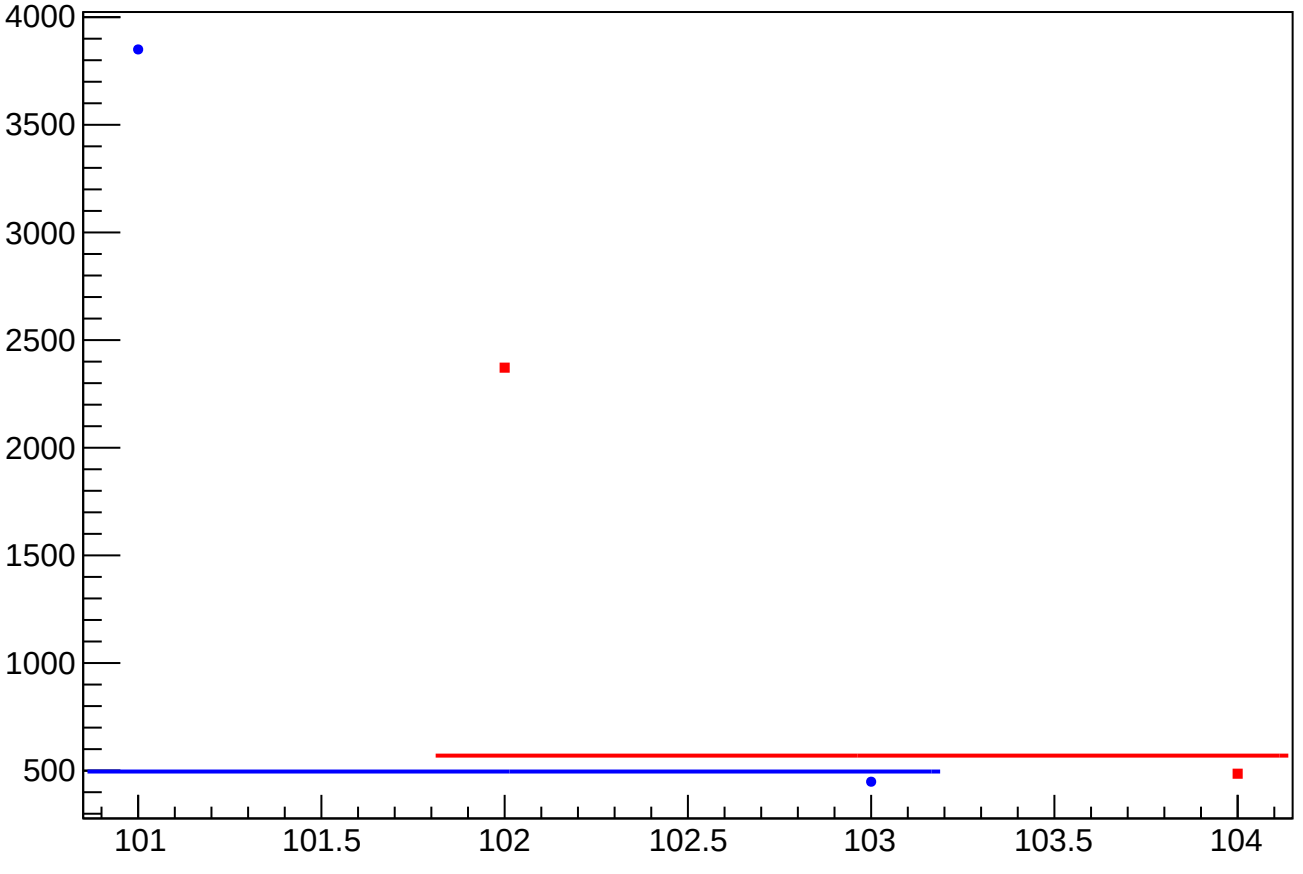
Right: 513.017+/-446.217 χ^2/NDF: 3.7/3

In: 564.805+/-592.285 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 513.017+/-446.217 χ^2/NDF: 3.7/3

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 496.052+/-0.419 χ^2/NDF: 904335.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 569.949+/-0.480 χ^2/NDF: 657660.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

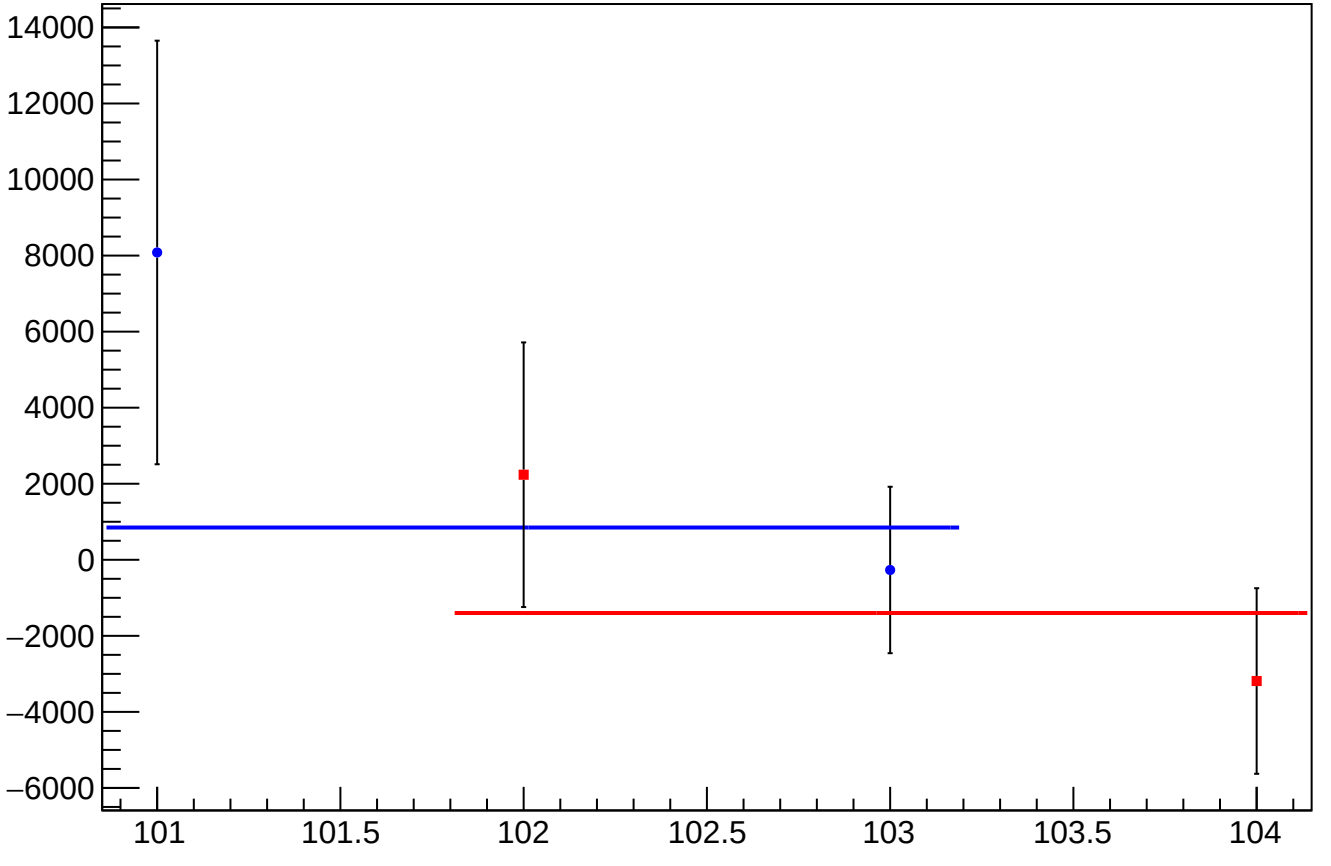
Right: 528.006+/-0.316 χ^2/NDF: 1575458.2/3

In: 496.052+/-0.419 χ^2/NDF:904335.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 528.006+/-0.316 χ^2/NDF: 1575458.2/3

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 848.684+/-2036.937 χ^2/NDF: 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1399.614+/-1997.905 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

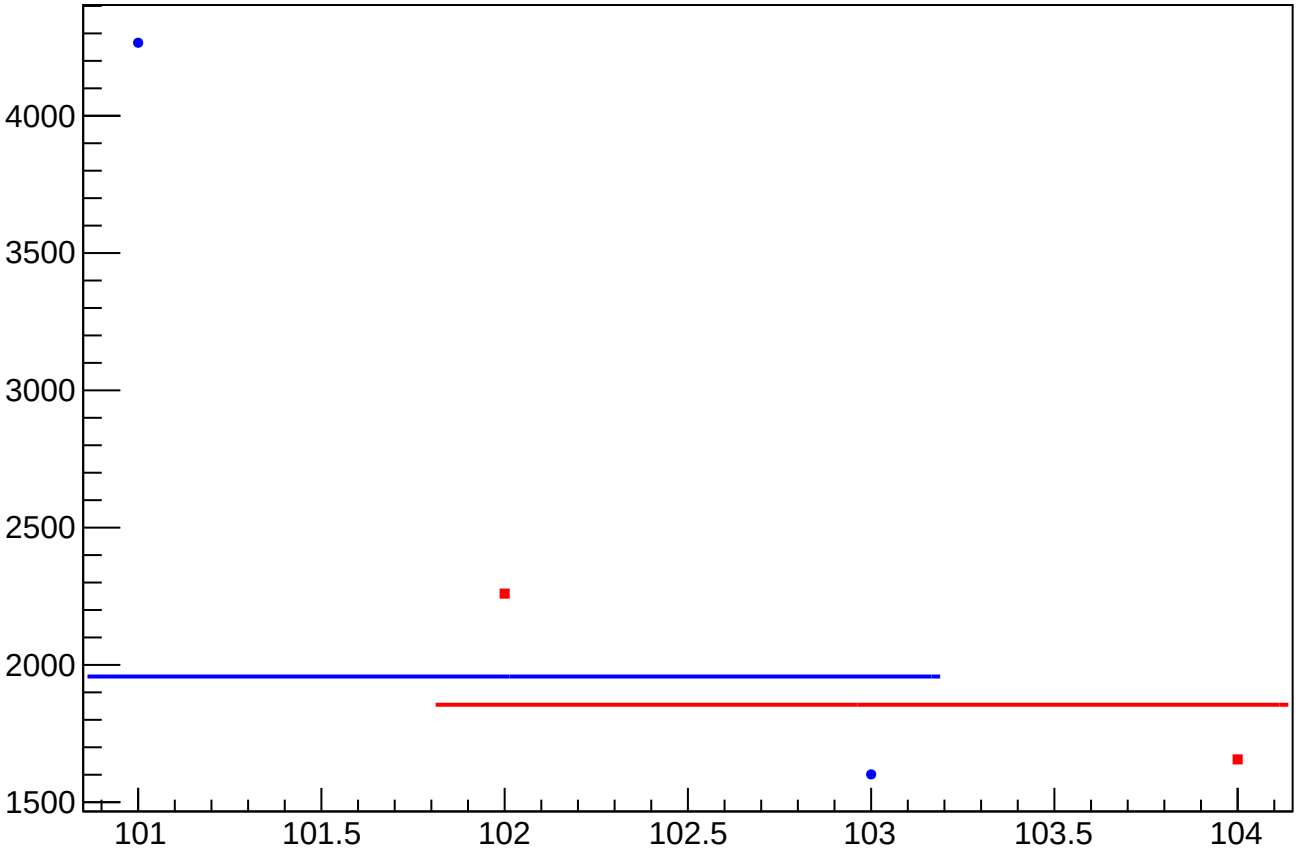
Right: -297.213+/-1426.332 χ^2/NDF: 4.2/3

In: 848.684+/-2036.937 χ^2/NDF:1.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -297.213+/-1426.332 χ^2/NDF: 4.2/3

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1957.706+/-1.440 χ^2/NDF: 396540.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1854.960+/-1.413 χ^2/NDF: 40361.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

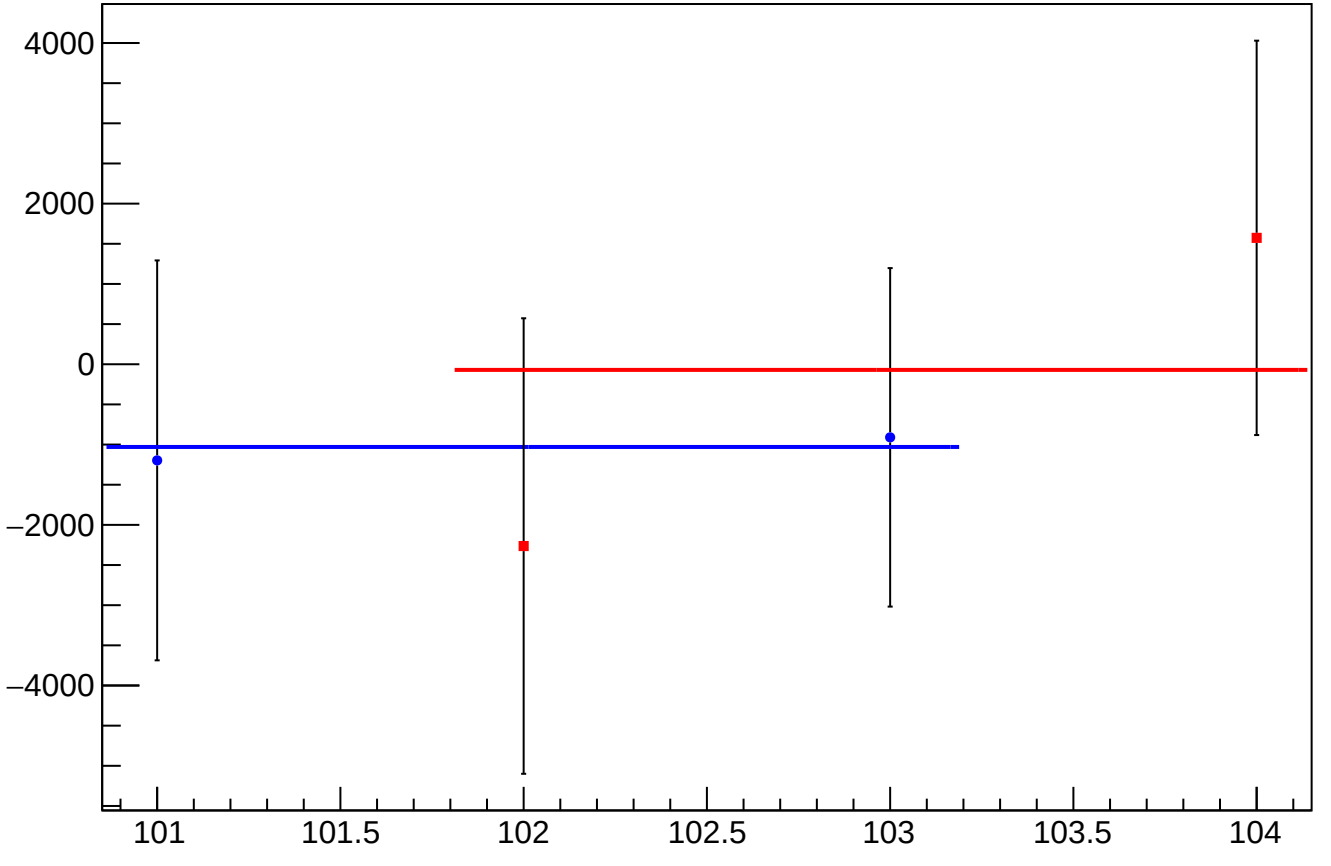
Right: 1905.340+/-1.009 χ^2/NDF: 439495.3/3

In: 1957.706+/-1.440 χ^2/NDF:396540.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1905.340+/-1.009 χ^2/NDF: 439495.3/3

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1029.825+/-1608.567 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -70.221+/-1856.273 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

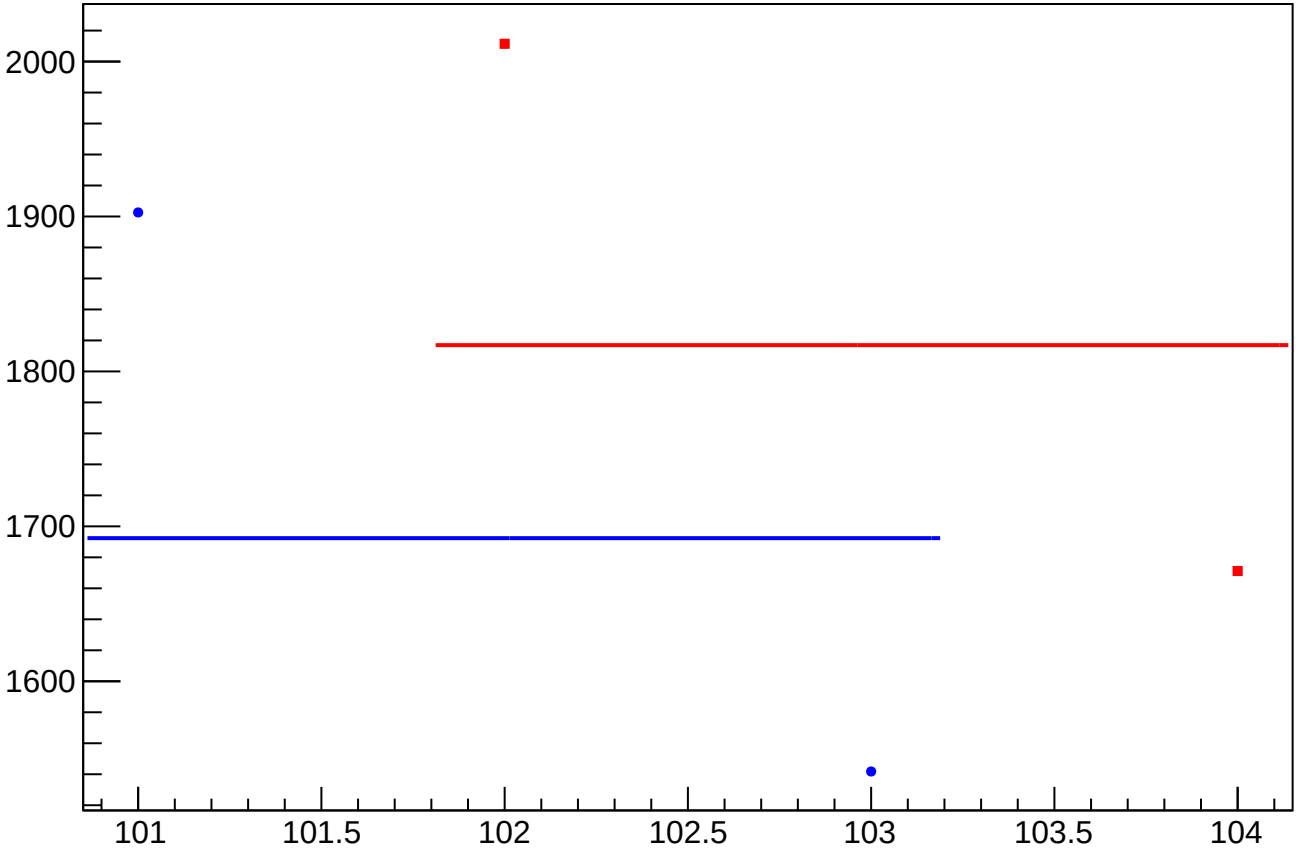
Right: -618.278+/-1215.642 χ^2/NDF: 1.2/3

In: -1029.825+/-1608.567 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -618.278+/-1215.642 χ^2/NDF: 1.2/3

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1692.385+/-1.137 χ^2/NDF: 24471.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1816.971+/-1.313 χ^2/NDF: 16459.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

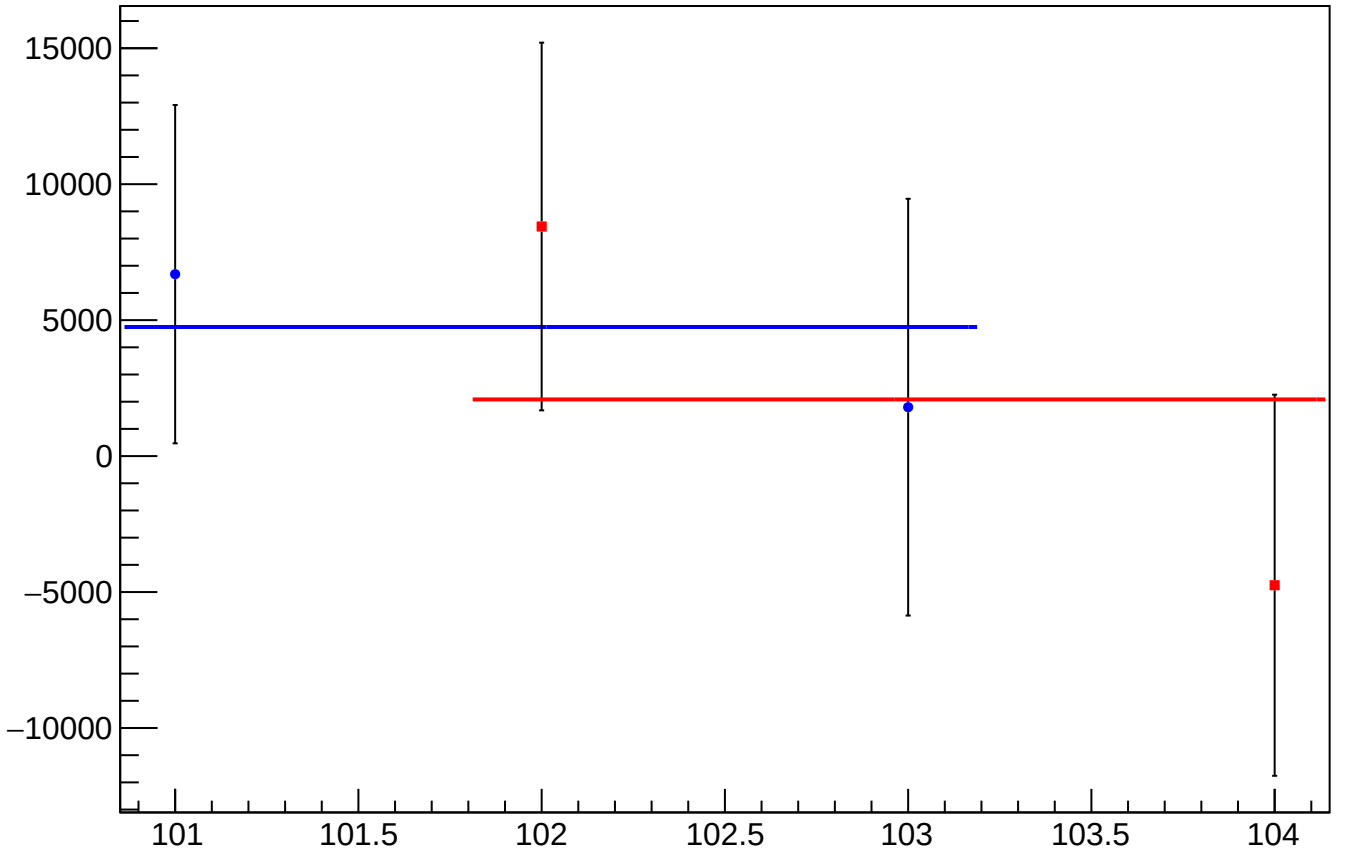
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1745.816+/-0.860 χ^2/NDF: 46077.0/3

In: 1692.385+/-1.137 χ^2/NDF:24471.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1745.816+/-0.860 χ^2/NDF: 46077.0/3



Right In: 4747.242+/-4830.209 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2083.272+/-4865.640 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

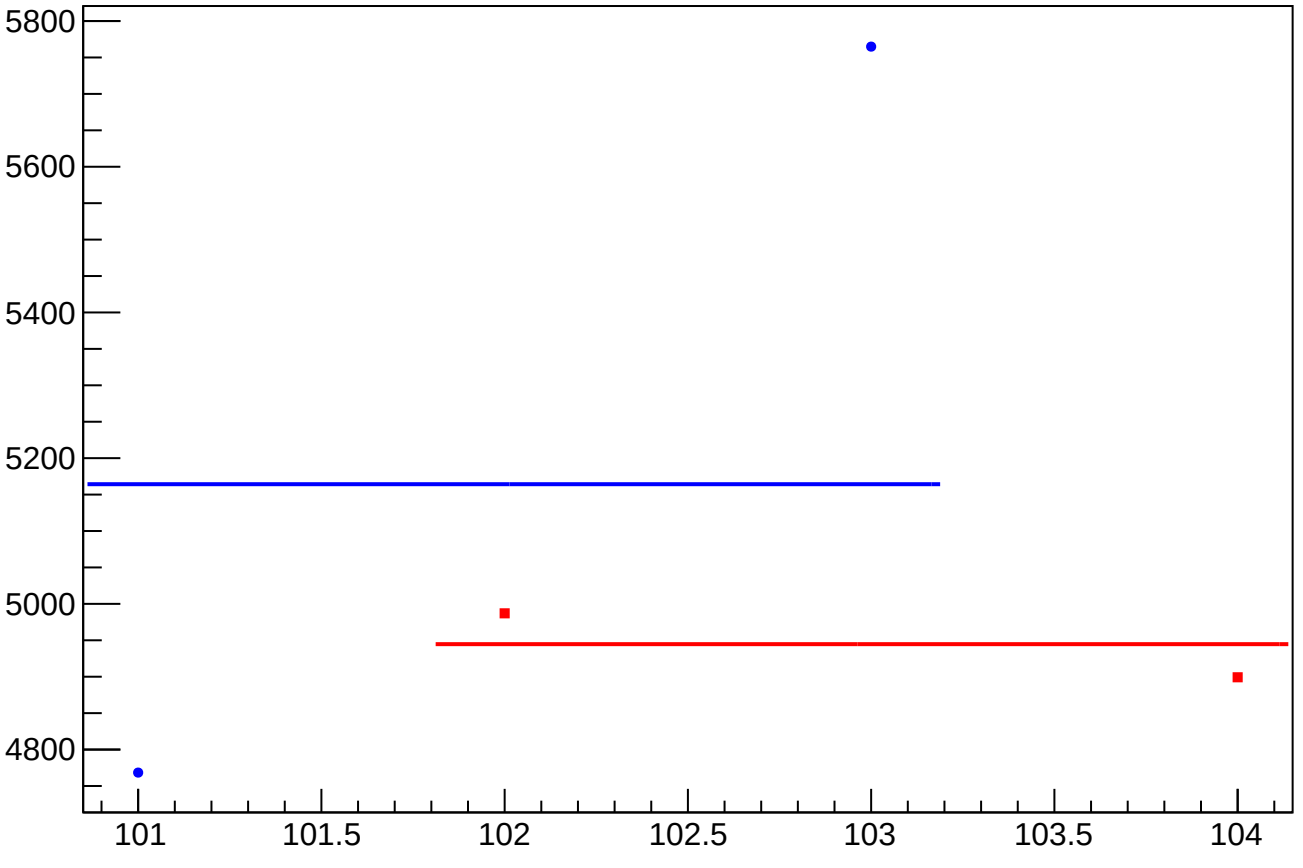
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3424.991+/-3427.931 χ^2/NDF: 2.2/3

In: 4747.242+/-4830.209 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3424.991+/-3427.931 χ^2/NDF: 2.2/3



Right In: 5164.255+/-3.415 χ^2/NDF: 20382.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4944.692+/-3.441 χ^2/NDF: 162.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

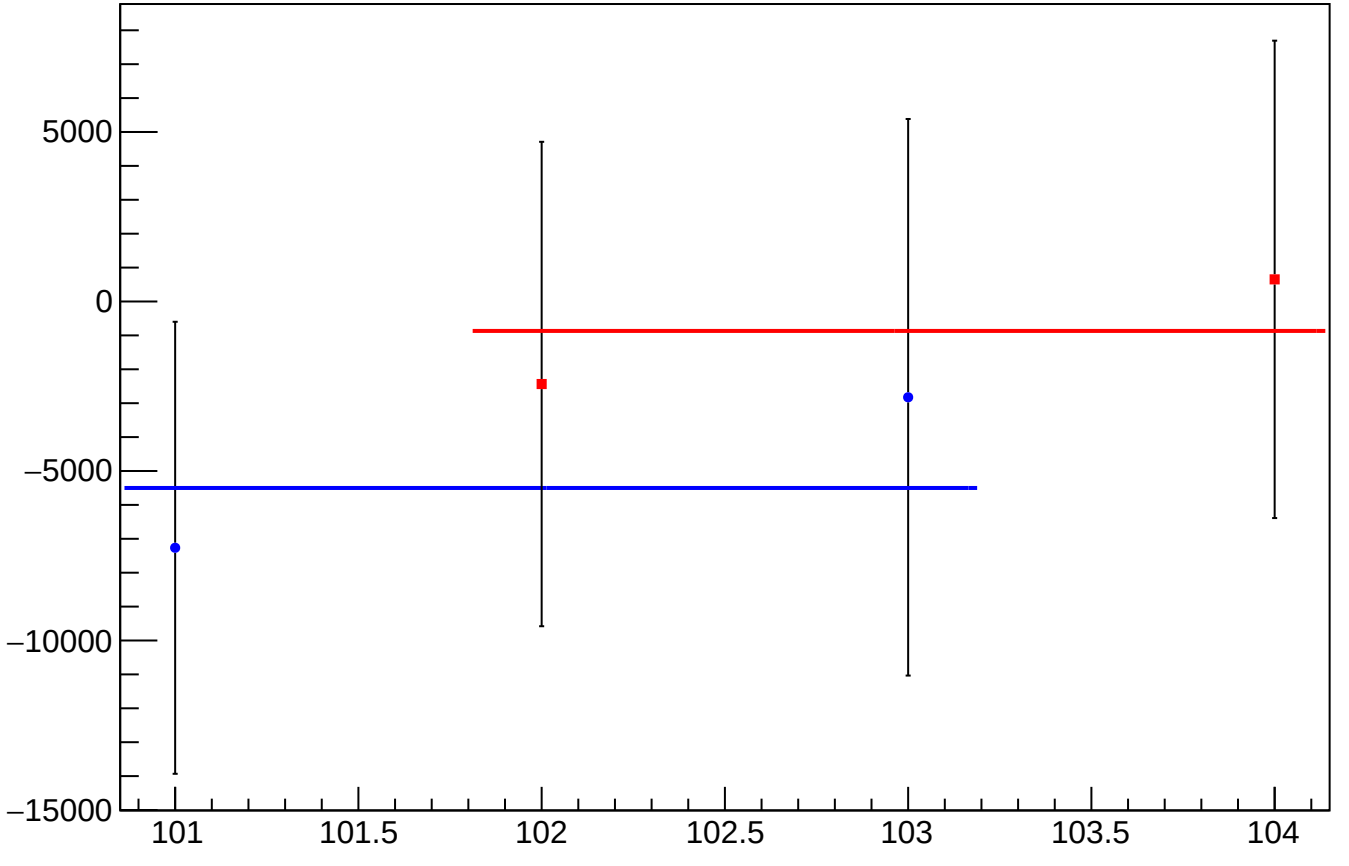
Right: 5055.276+/-2.424 χ^2/NDF: 22596.5/3

In: 5164.255+/-3.415 χ^2/NDF:20382.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5055.276+/-2.424 χ^2/NDF: 22596.5/3

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -5500.725+/-5175.177 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -868.348+/-5015.035 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

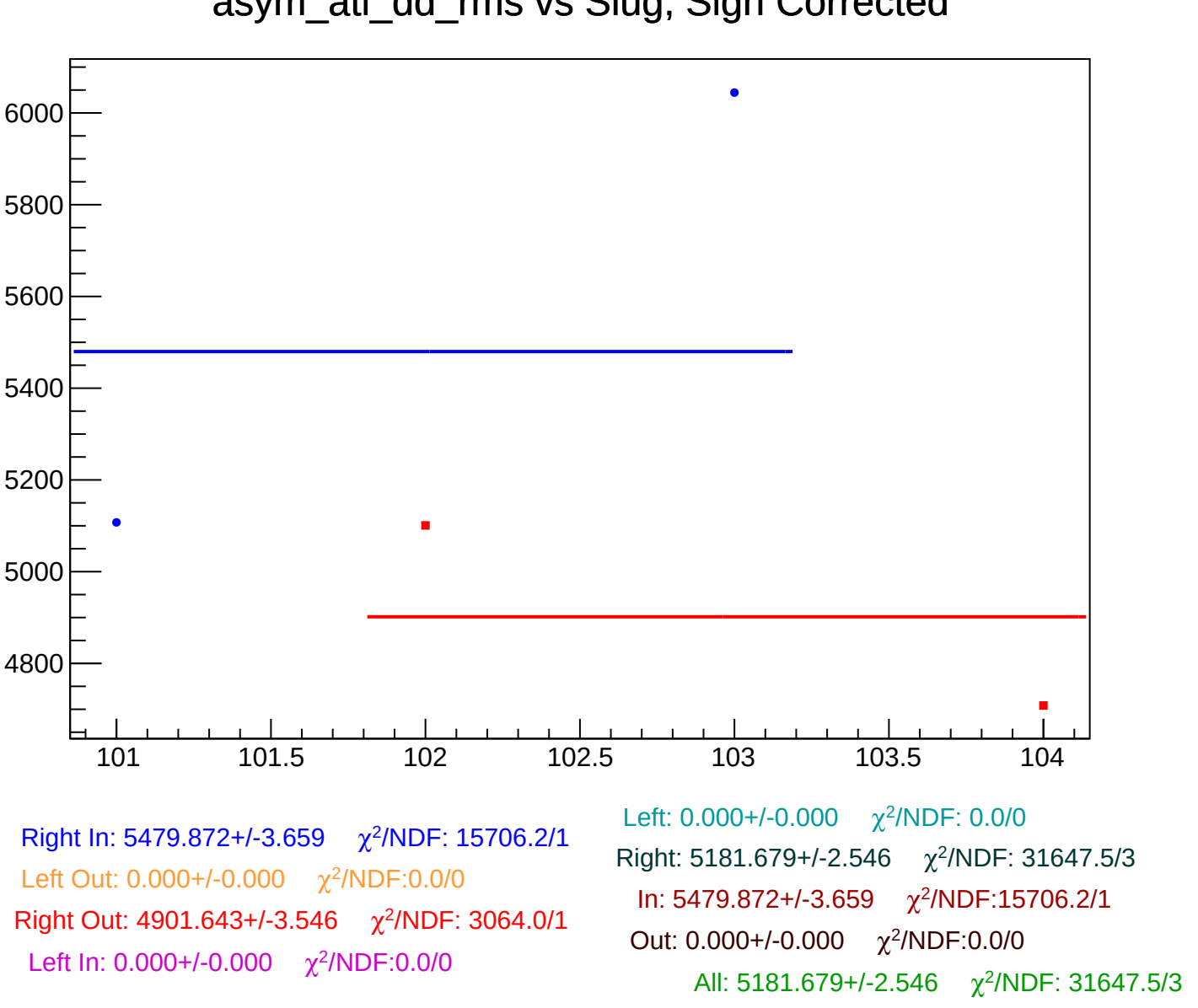
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

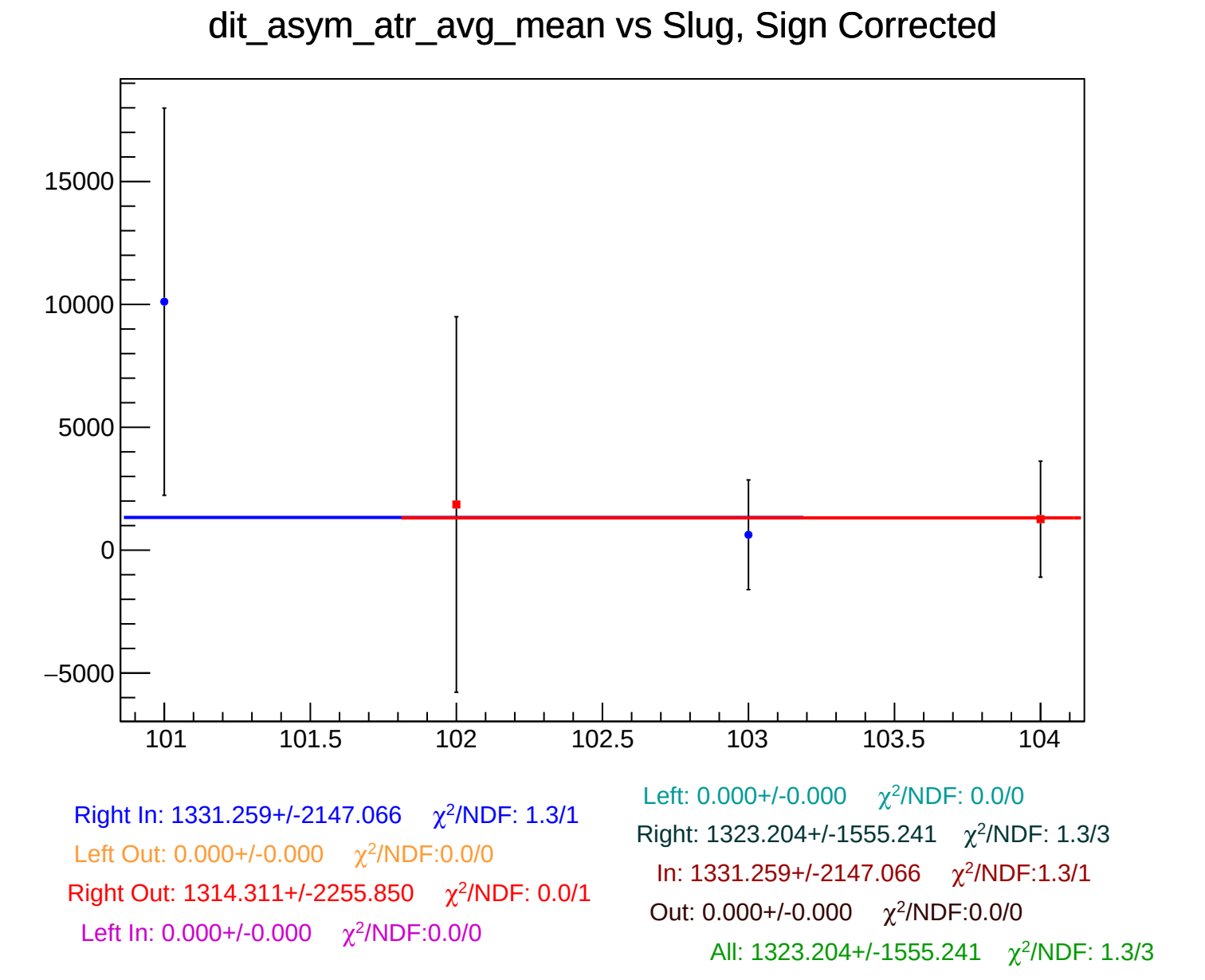
Right: -3111.755+/-3601.450 χ^2/NDF: 0.7/3

In: -5500.725+/-5175.177 χ^2/NDF:0.2/1

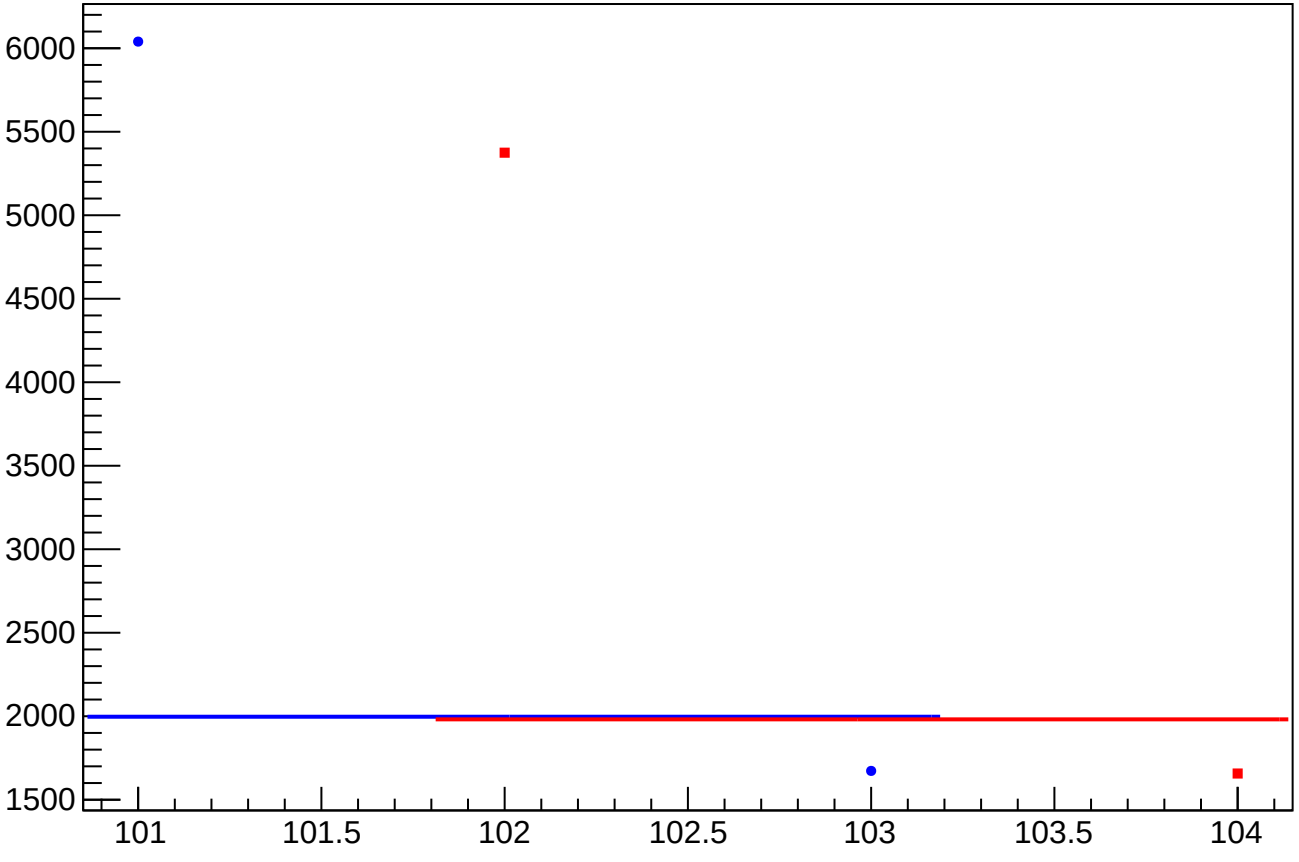
Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3111.755+/-3601.450 χ^2/NDF: 0.7/3


asym_atl_dd_rms vs Slug, Sign Corrected
6000
5800
5600
5400
5200
5000
4800
101
101.5
102
102.5
103
103.5
104
Right In: 5479.872+/-3.659 χ²/NDF: 15706.2/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 4901.643+/-3.546 χ²/NDF: 3064.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 5181.679+/-2.546 χ²/NDF: 31647.5/3
In: 5479.872+/-3.659 χ²/NDF:15706.2/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 5181.679+/-2.546 χ²/NDF: 31647.5/3


dit_asym_atr_avg_mean vs Slug, Sign Corrected
15000
10000
5000
0
−5000
101
101.5
102
102.5
103
103.5
104
Right In: 1331.259+/-2147.066 χ²/NDF: 1.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1314.311+/-2255.850 χ²/NDF: 0.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1323.204+/-1555.241 χ²/NDF: 1.3/3
In: 1331.259+/-2147.066 χ²/NDF:1.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1323.204+/-1555.241 χ²/NDF: 1.3/3

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1997.072+/-1.518 χ^2/NDF: 568974.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1981.312+/-1.595 χ^2/NDF: 432537.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

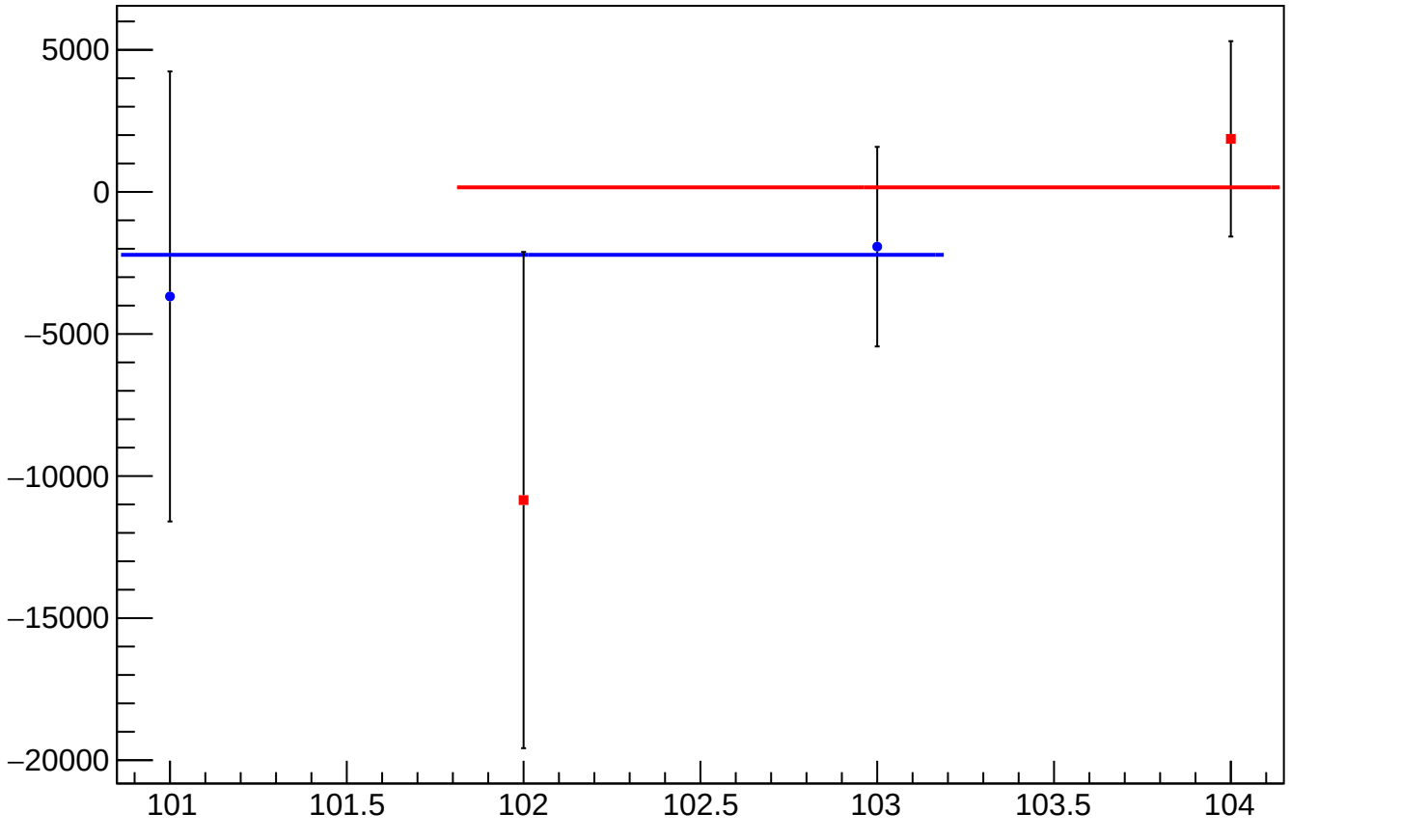
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1989.581+/-1.100 χ^2/NDF: 1001563.3/3

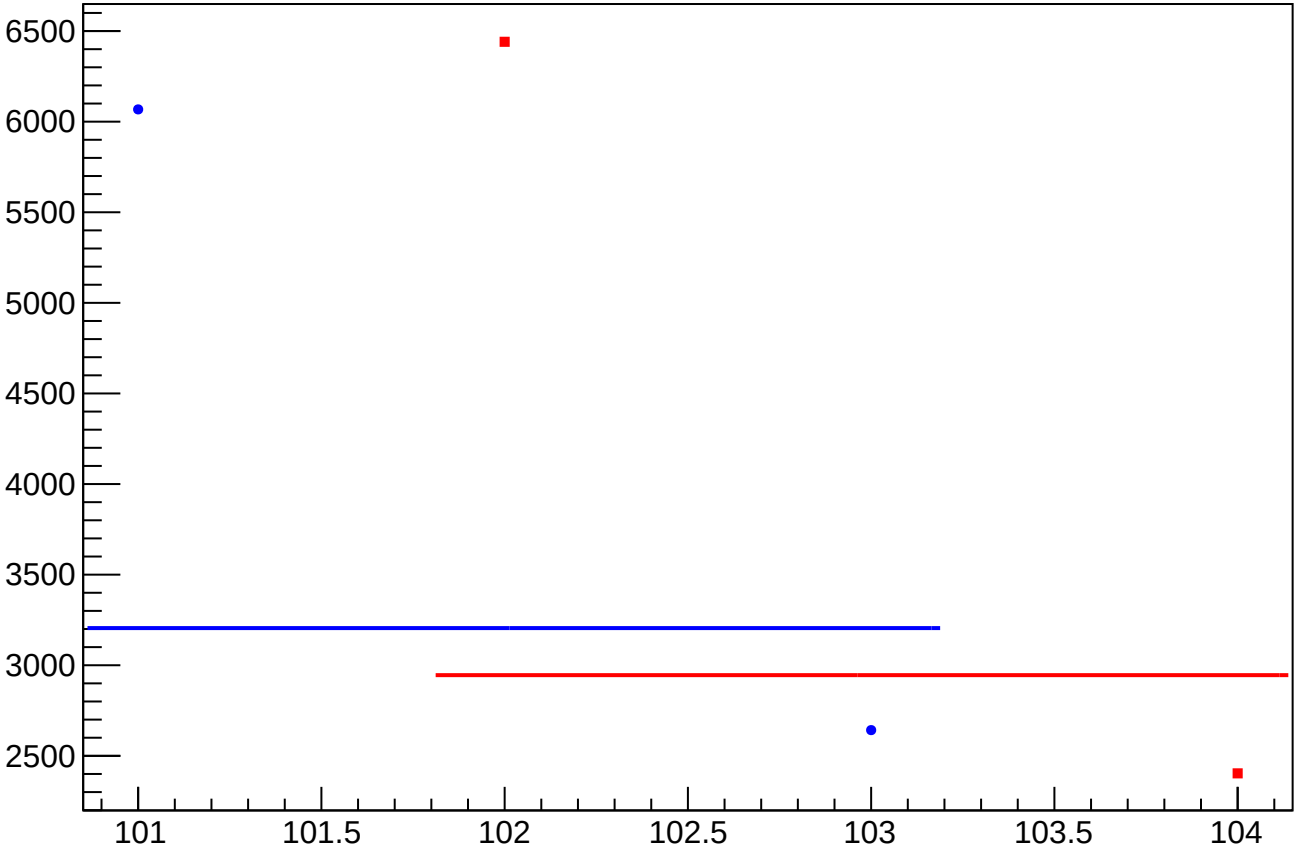
In: 1997.072+/-1.518 χ^2/NDF:568974.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1989.581+/-1.100 χ^2/NDF: 1001563.3/3


asym_atr_avg_correction_mean vs Slug, Sign Corrected
5000
0
−5000
−10000
−15000
−20000
101
101.5
102
102.5
103
103.5
104
Right In: -2214.198+/-3210.654 χ²/NDF: 0.0/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 161.136+/-3199.519 χ²/NDF: 1.8/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -1022.405+/-2266.328 χ²/NDF: 2.2/3
In: -2214.198+/-3210.654 χ²/NDF:0.0/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -1022.405+/-2266.328 χ²/NDF: 2.2/3

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 3205.077+/-2.270 χ^2/NDF: 312711.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2945.363+/-2.262 χ^2/NDF: 370140.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

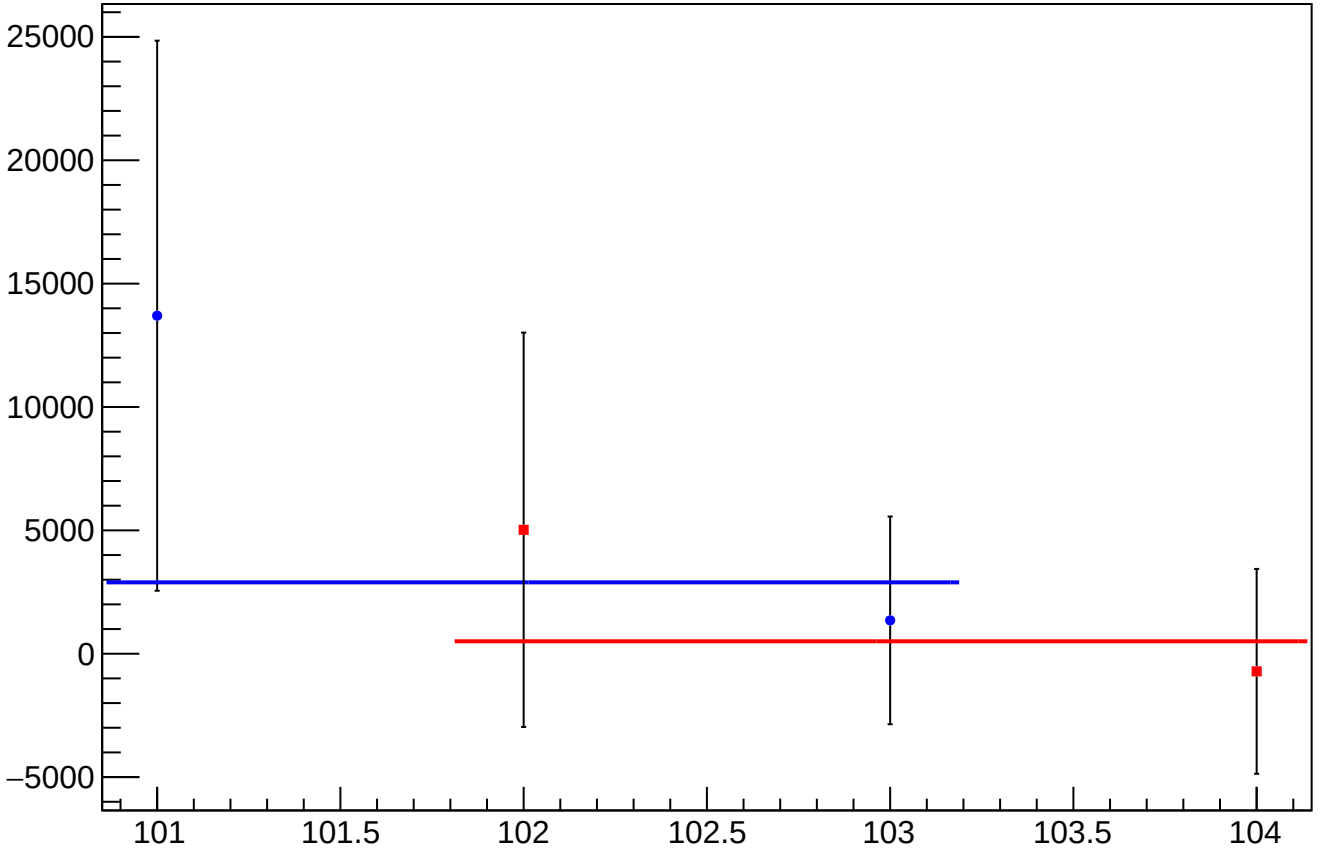
Right: 3074.769+/-1.603 χ^2/NDF: 689418.1/3

In: 3205.077+/-2.270 χ^2/NDF:312711.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3074.769+/-1.603 χ^2/NDF: 689418.1/3

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2892.596+/-3937.355 χ^2/NDF: 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 504.482+/-3684.186 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

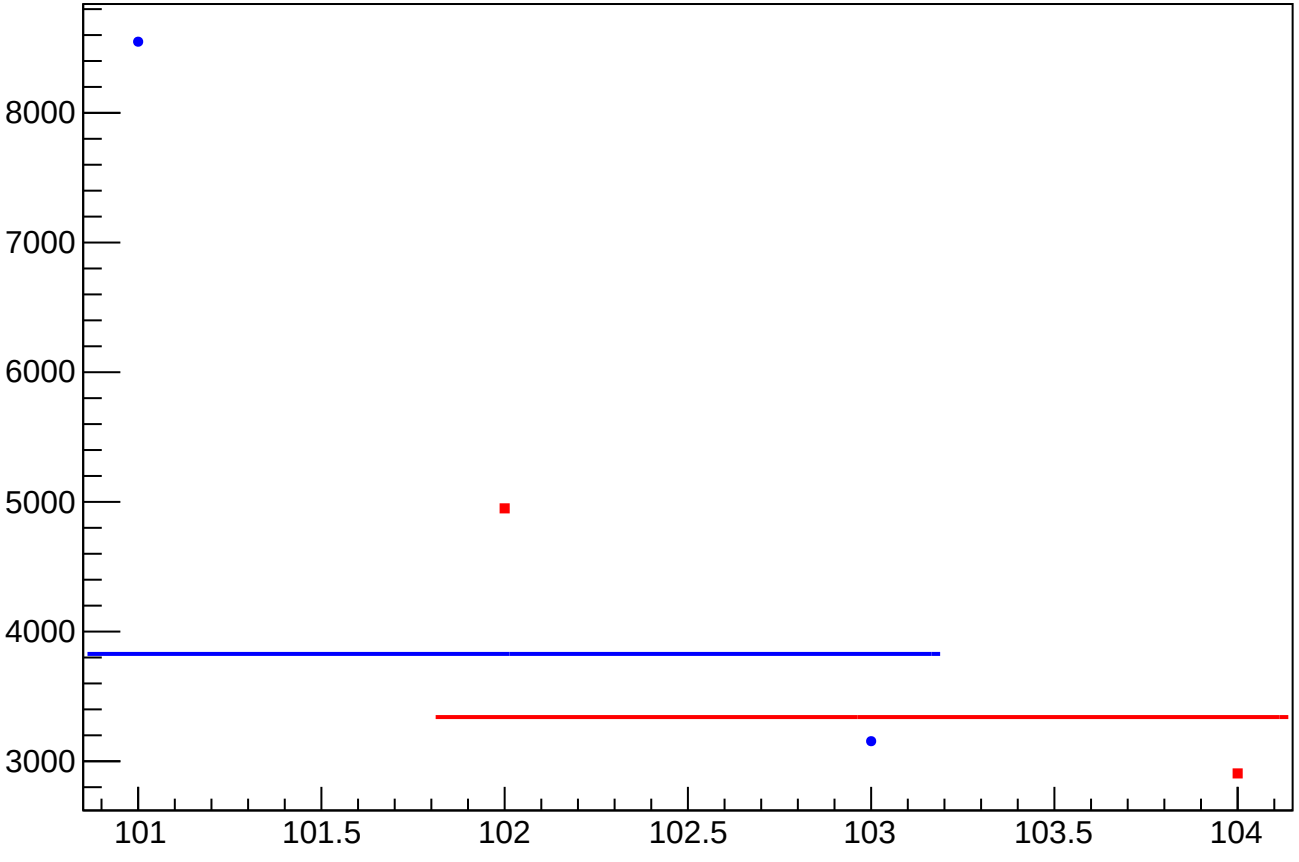
Right: 1619.299+/-2690.164 χ^2/NDF: 1.7/3

In: 2892.596+/-3937.355 χ^2/NDF:1.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1619.299+/-2690.164 χ^2/NDF: 1.7/3

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 3827.718+/-2.784 χ^2/NDF: 409876.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3340.721+/-2.605 χ^2/NDF: 103064.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

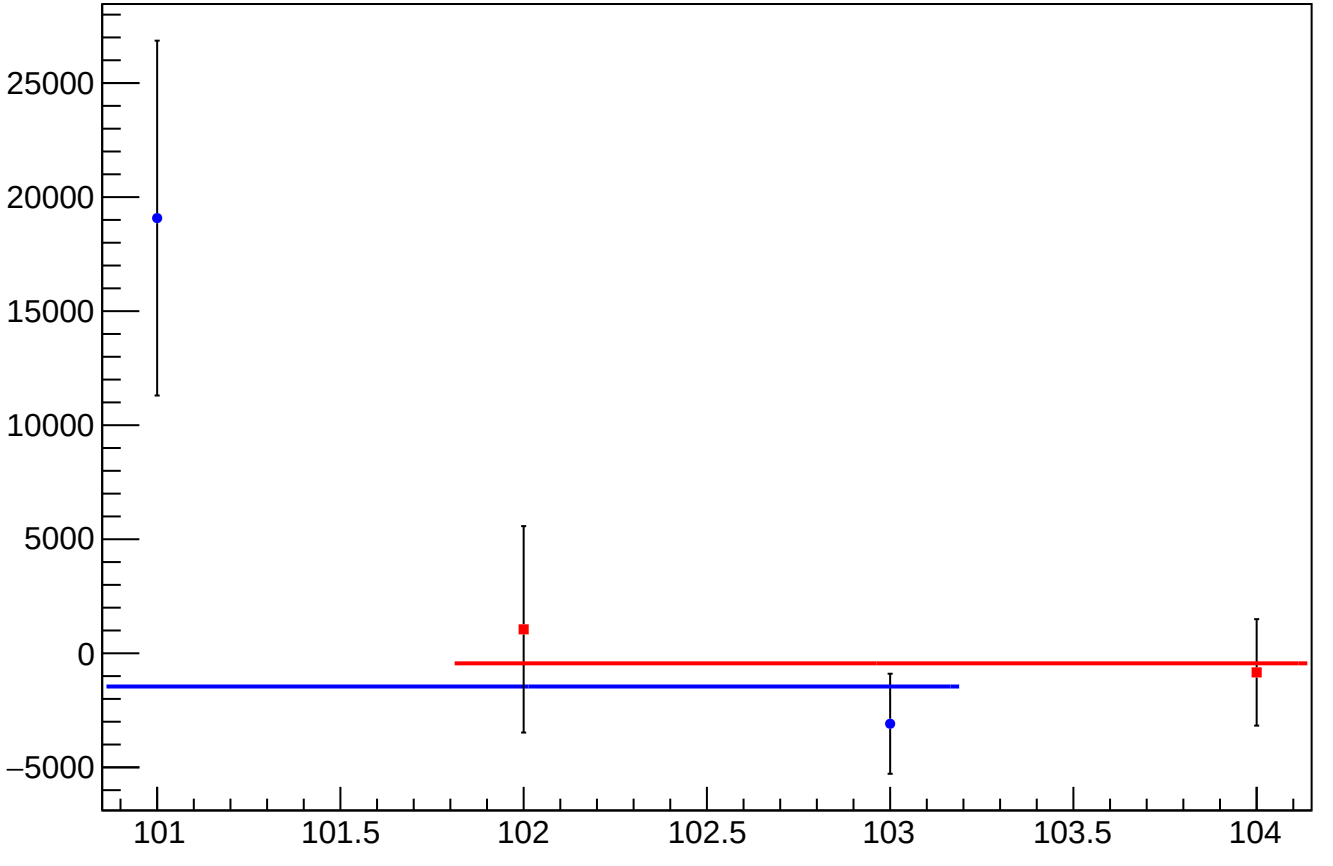
Right: 3568.048+/-1.902 χ^2/NDF: 529255.3/3

In: 3827.718+/-2.784 χ^2/NDF:409876.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3568.048+/-1.902 χ^2/NDF: 529255.3/3

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1456.201+/-2111.244 χ^2/NDF: 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -440.225+/-2074.511 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

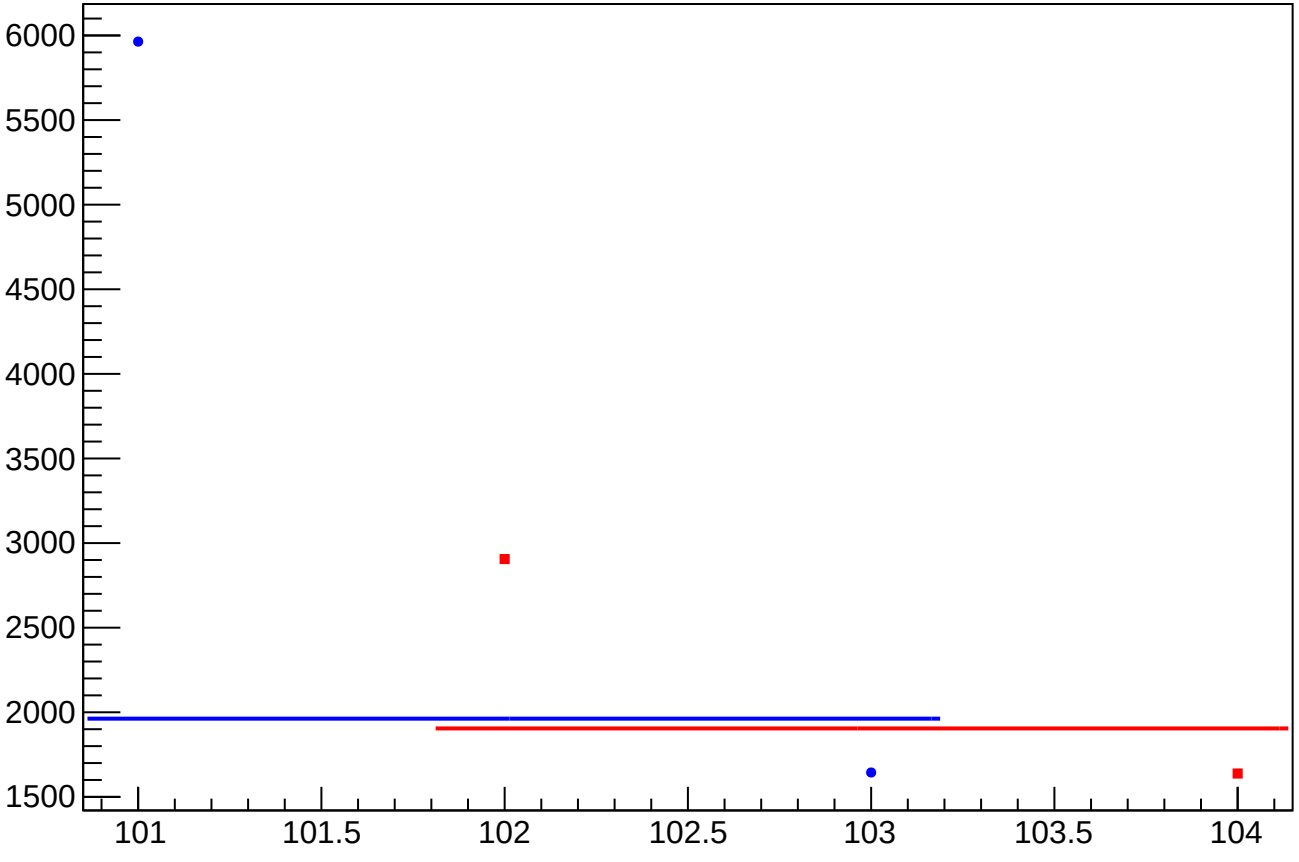
Right: -939.297+/-1479.717 χ^2/NDF: 7.8/3

In: -1456.201+/-2111.244 χ^2/NDF:7.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -939.297+/-1479.717 χ^2/NDF: 7.8/3

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1962.380+/-1.493 χ^2/NDF: 571327.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1904.516+/-1.467 χ^2/NDF: 123952.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

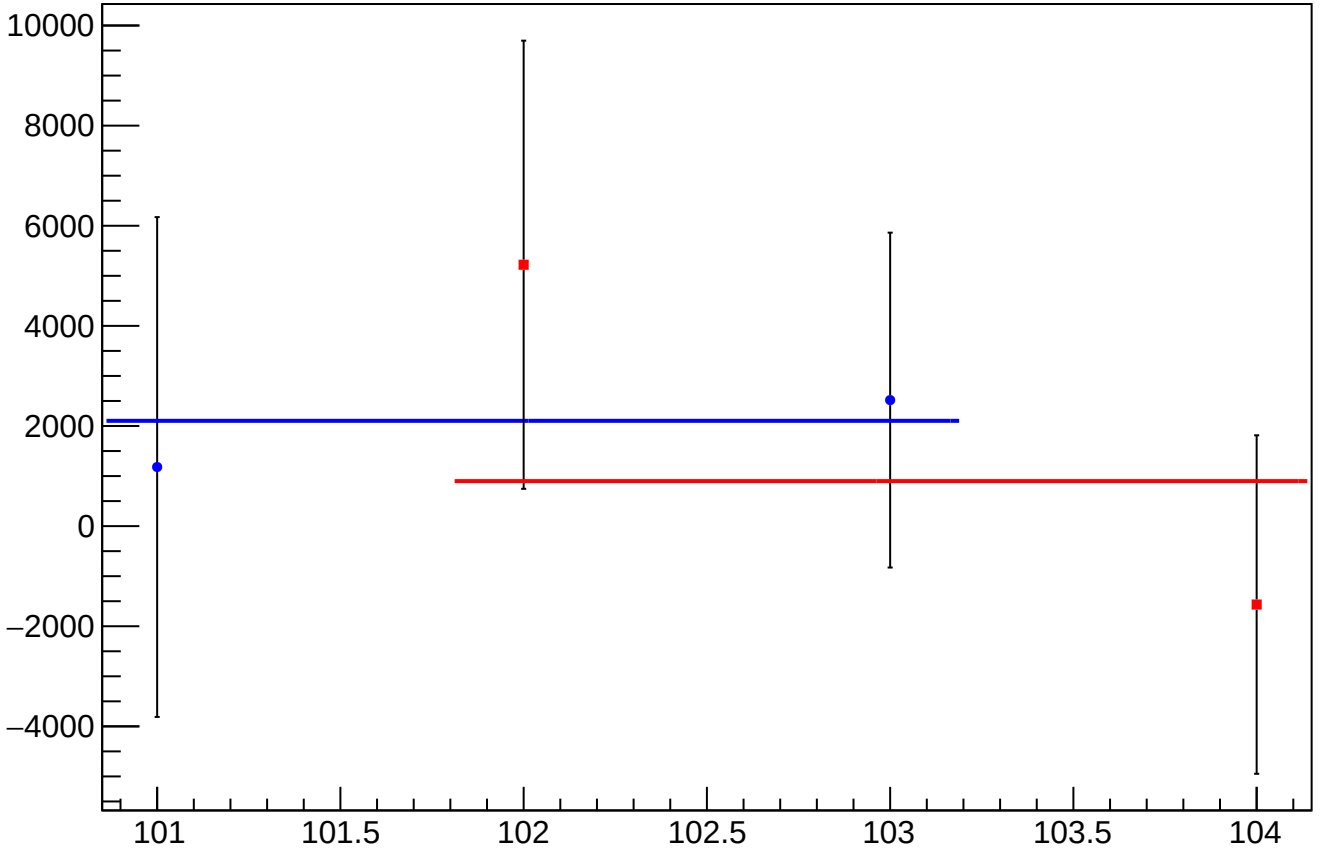
Right: 1932.940+/-1.046 χ^2/NDF: 696043.8/3

In: 1962.380+/-1.493 χ^2/NDF:571327.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1932.940+/-1.046 χ^2/NDF: 696043.8/3

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 2103.308+/-2778.711 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 899.204+/-2697.783 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

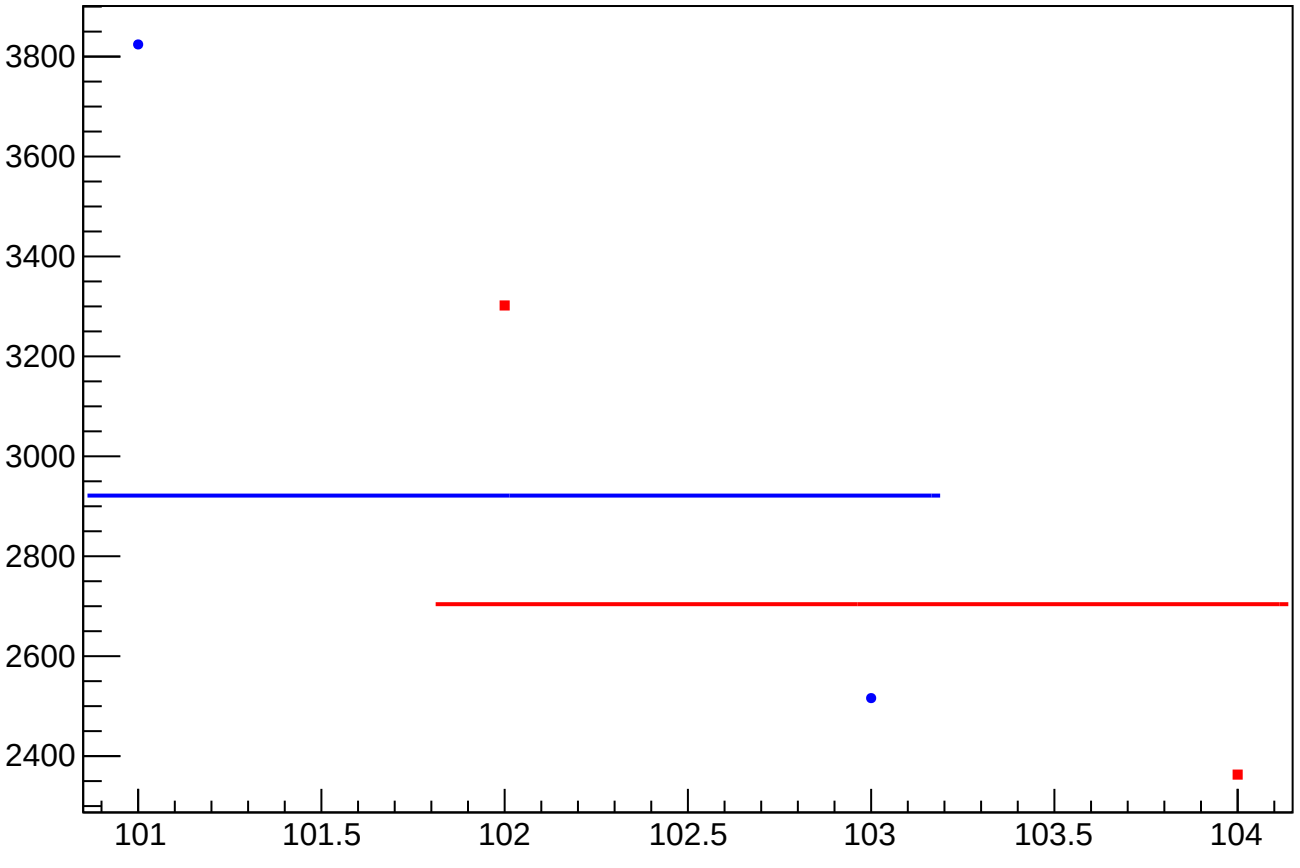
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1483.466+/-1935.599 χ^2/NDF: 1.6/3

In: 2103.308+/-2778.711 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1483.466+/-1935.599 χ^2/NDF: 1.6/3



Right In: 2921.409+/-1.965 χ^2/NDF: 94793.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2704.069+/-1.908 χ^2/NDF: 56033.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

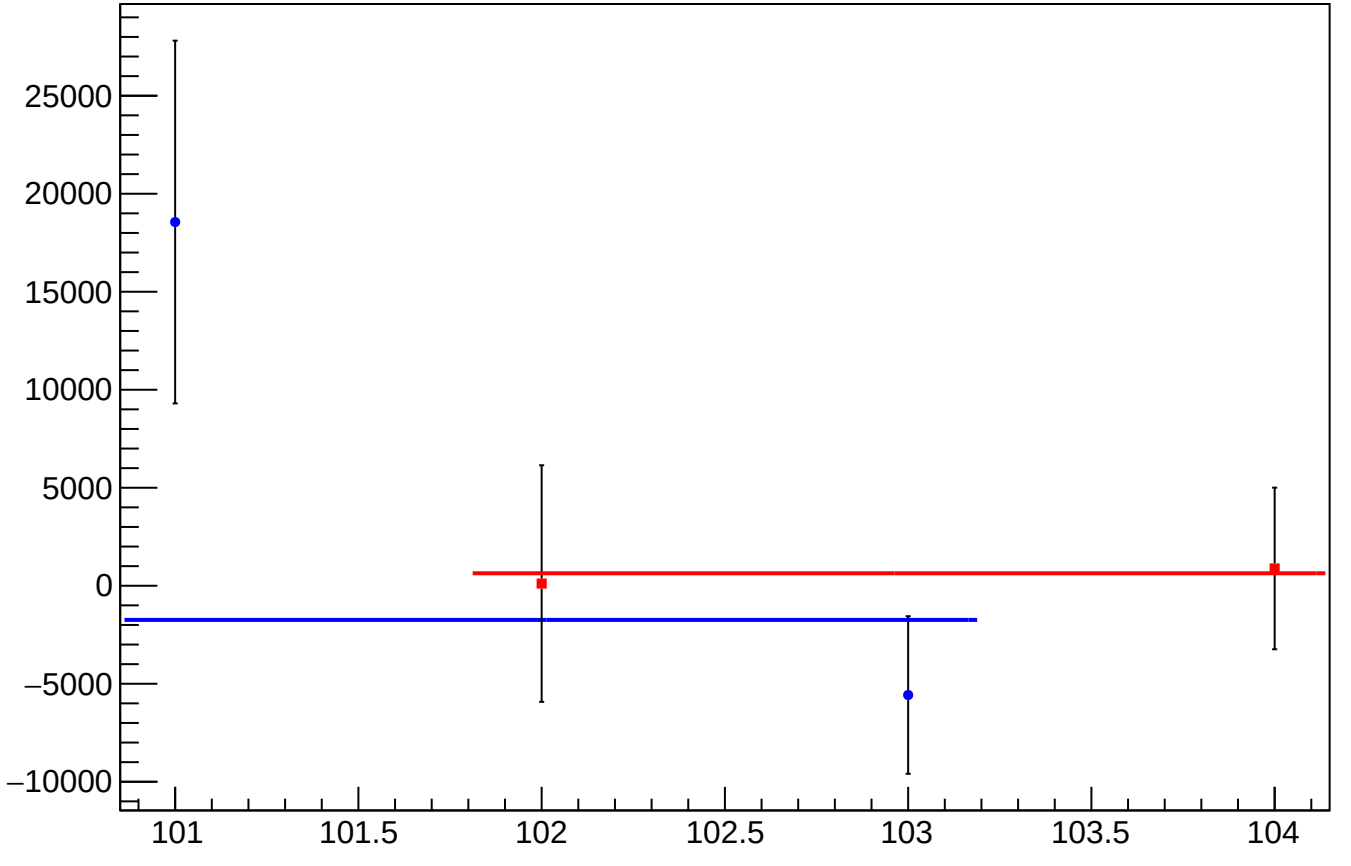
Right: 2809.528+/-1.369 χ^2/NDF: 157125.5/3

In: 2921.409+/-1.965 χ^2/NDF:94793.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2809.528+/-1.369 χ^2/NDF: 157125.5/3

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1742.572+/-3687.070 χ^2/NDF: 5.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 637.119+/-3404.649 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

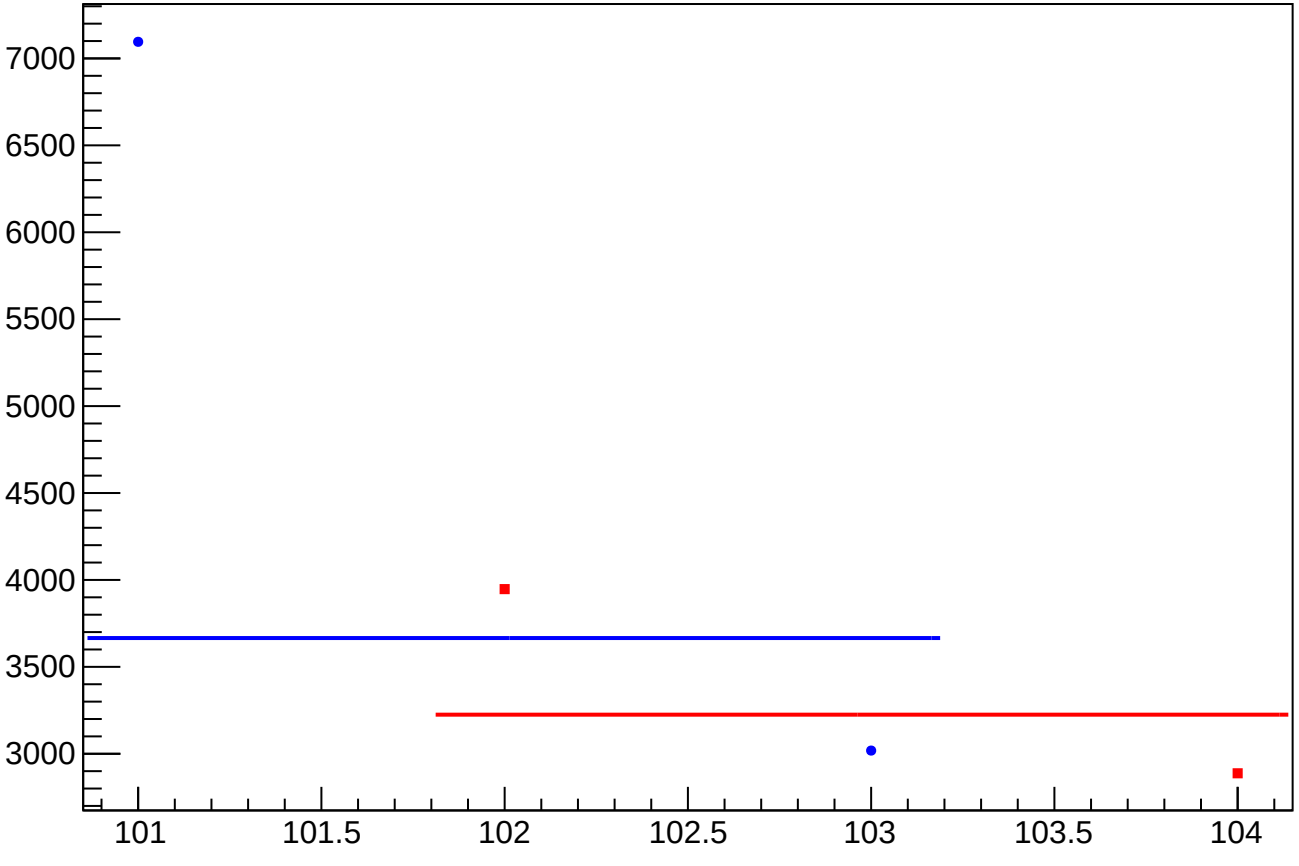
Right: -458.107+/-2501.342 χ^2/NDF: 6.0/3

In: -1742.572+/-3687.070 χ^2/NDF:5.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -458.107+/-2501.342 χ^2/NDF: 6.0/3

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 3665.743+/-2.607 χ^2/NDF: 326648.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3224.965+/-2.407 χ^2/NDF: 42028.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

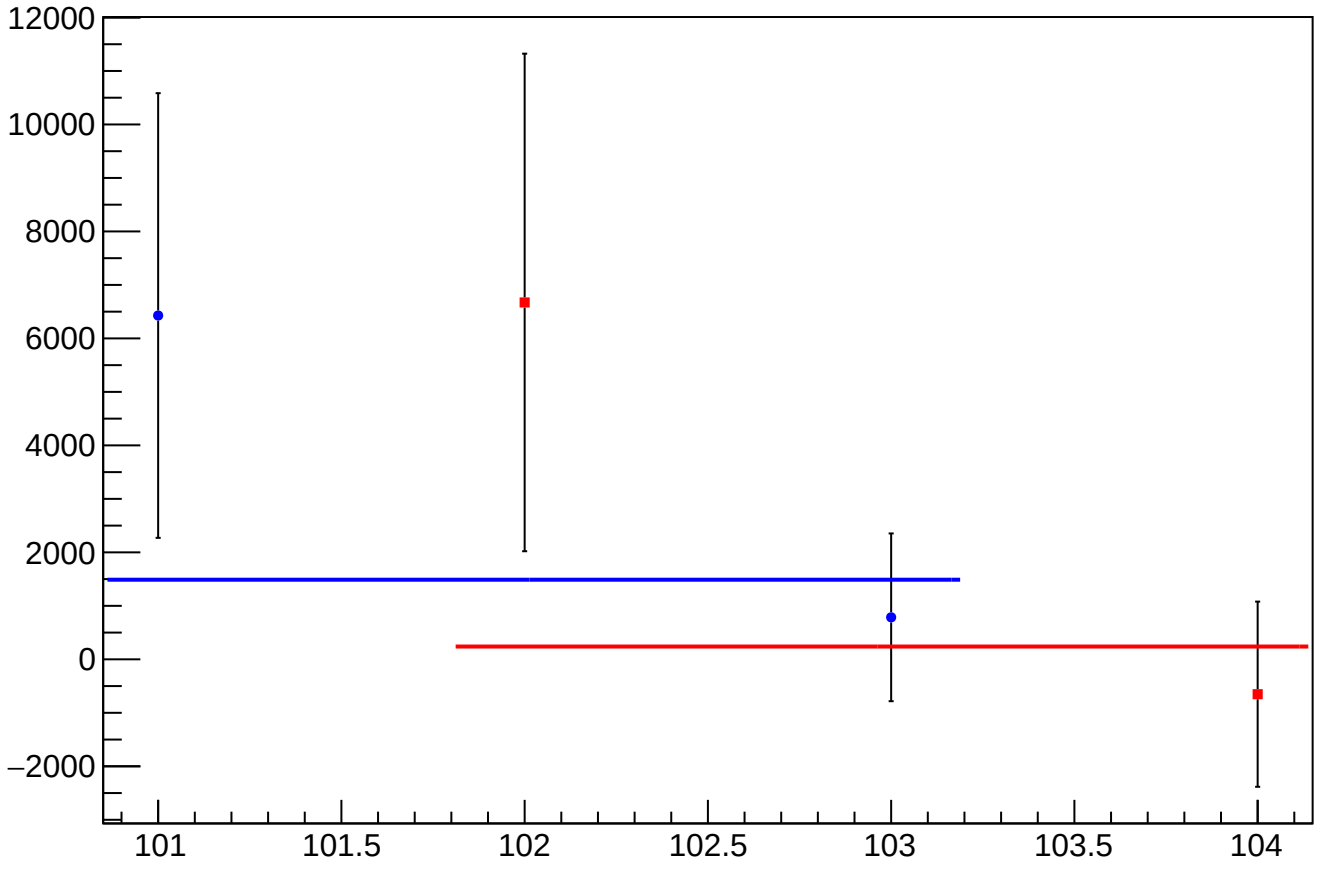
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3427.818+/-1.769 χ^2/NDF: 384105.7/3

In: 3665.743+/-2.607 χ^2/NDF:326648.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3427.818+/-1.769 χ^2/NDF: 384105.7/3



Right In: 1488.459+/-1467.292 χ^2/NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 239.178+/-1622.471 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

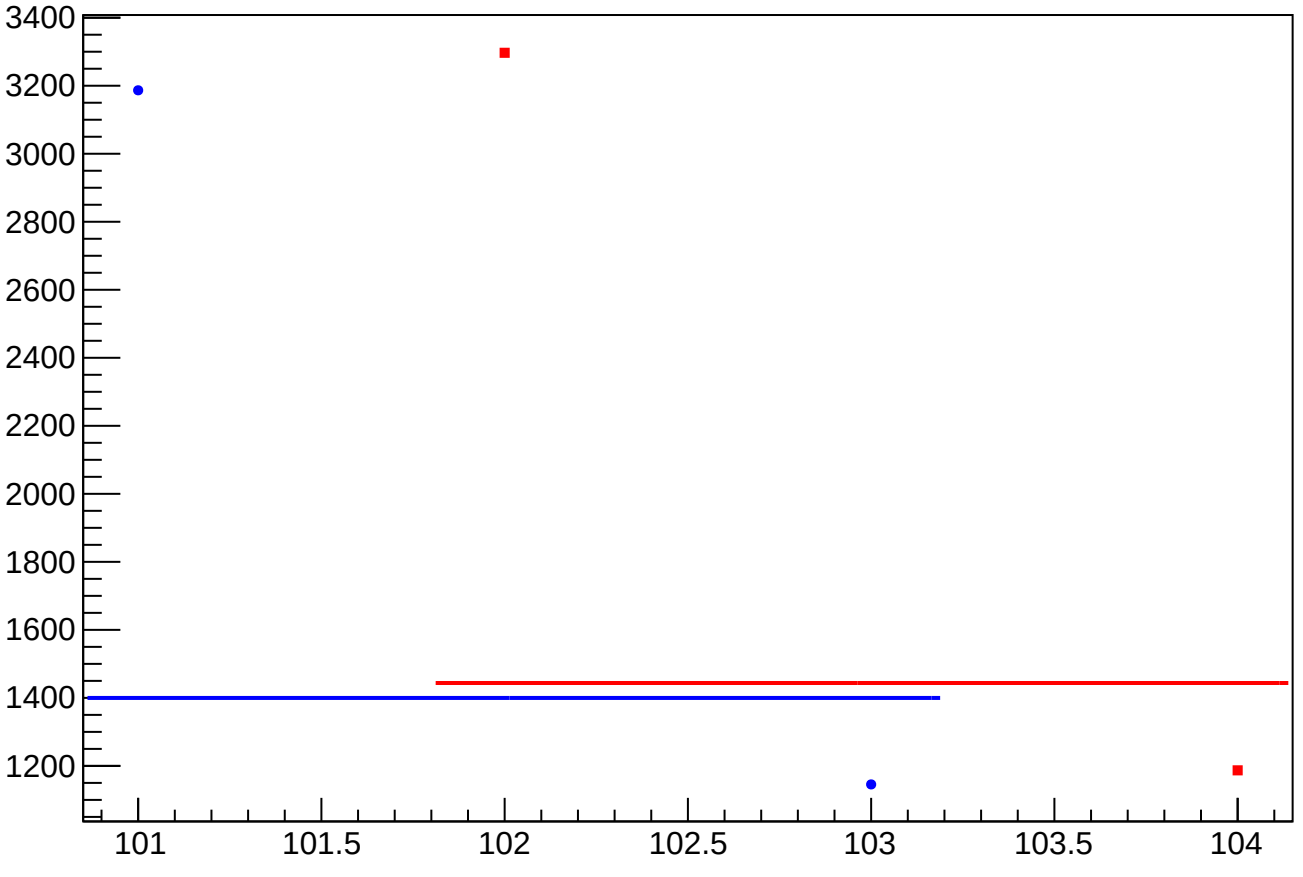
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

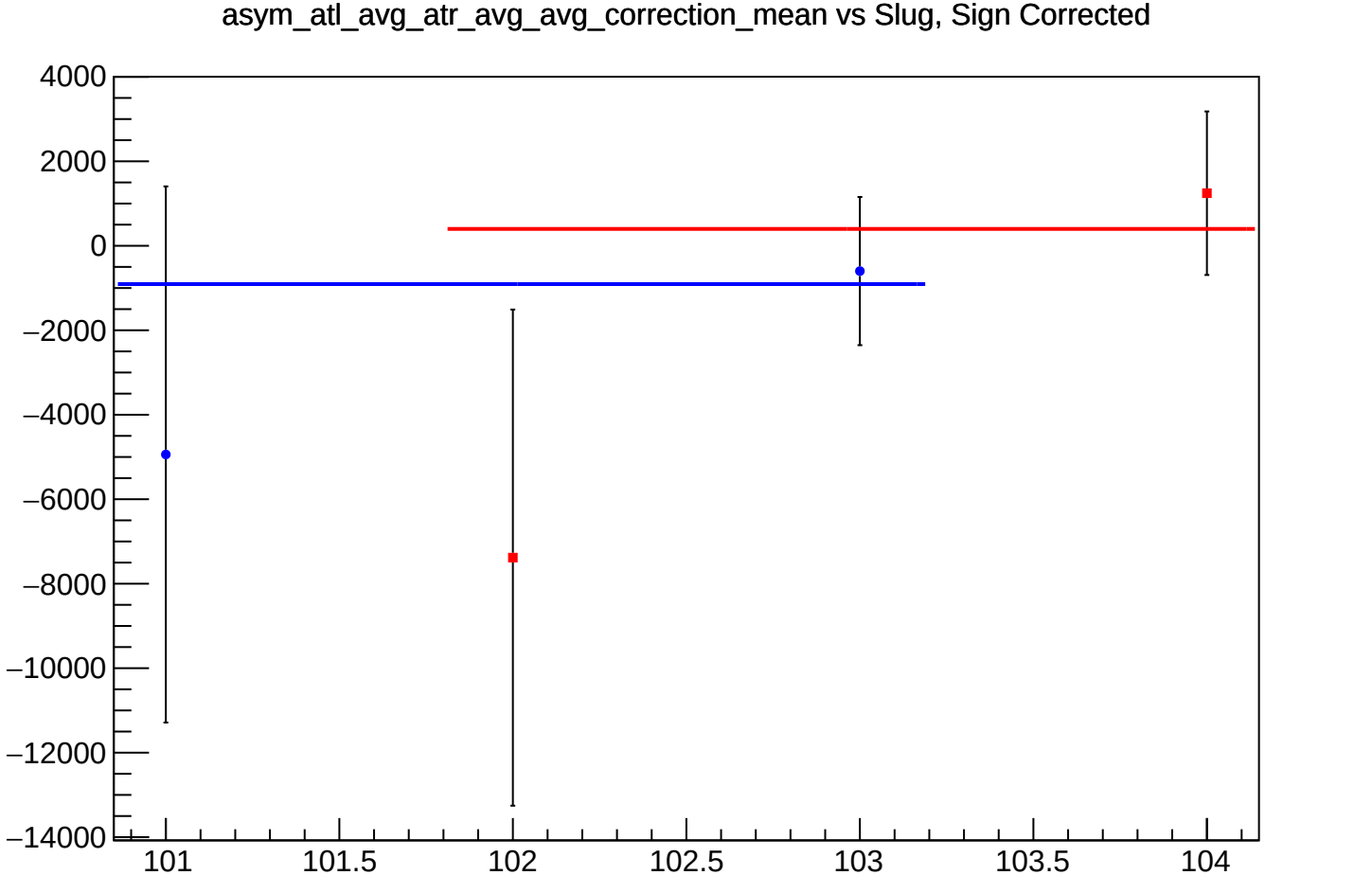
Right: 926.404+/-1088.269 χ^2/NDF: 4.1/3

In: 1488.459+/-1467.292 χ^2/NDF:1.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 926.404+/-1088.269 χ^2/NDF: 4.1/3


dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
101
101.5
102
102.5
103
103.5
104
Right In: 1399.824+/-1.038 χ²/NDF: 422091.7/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1443.758+/-1.147 χ²/NDF: 361599.7/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1419.590+/-0.770 χ²/NDF: 784498.1/3
In: 1399.824+/-1.038 χ²/NDF:422091.7/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1419.590+/-0.770 χ²/NDF: 784498.1/3



Right In: -906.826+/-1690.939 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 399.479+/-1838.486 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

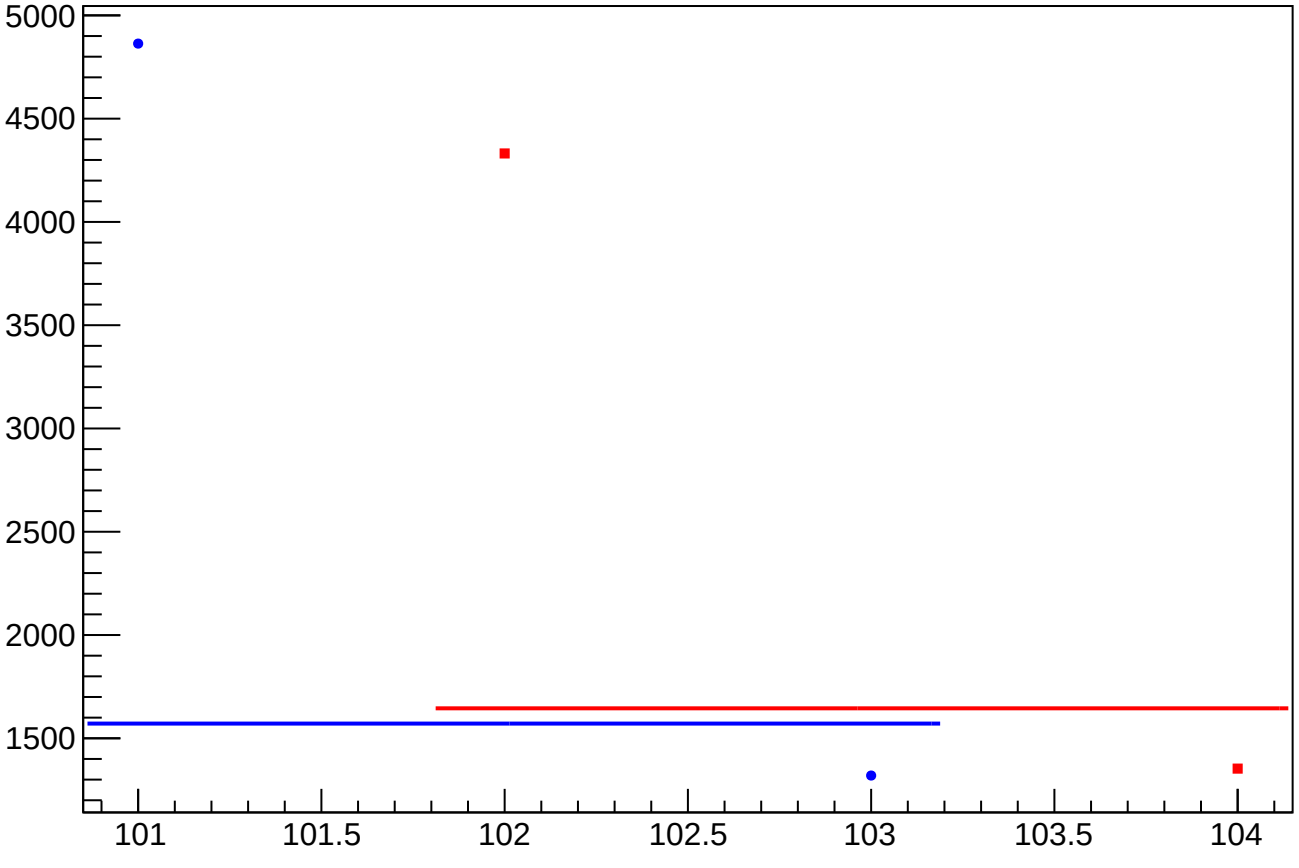
Right: -308.188+/-1244.572 χ^2/NDF: 2.7/3

In: -906.826+/-1690.939 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -308.188+/-1244.572 χ^2/NDF: 2.7/3

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 1571.245+/-1.196 χ^2/NDF: 579286.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1645.112+/-1.300 χ^2/NDF: 463975.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

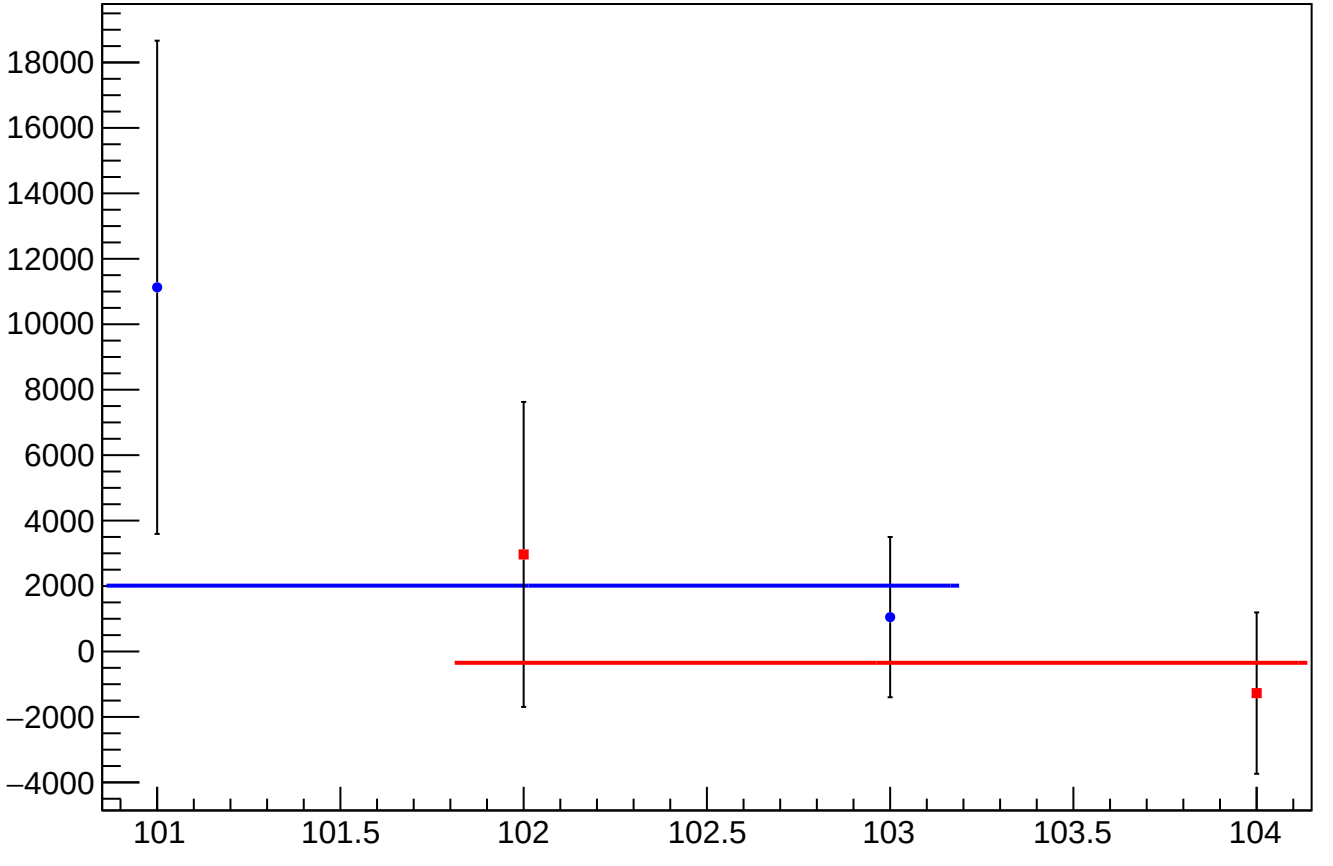
Right: 1605.096+/-0.880 χ^2/NDF: 1045010.4/3

In: 1571.245+/-1.196 χ^2/NDF:579286.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1605.096+/-0.880 χ^2/NDF: 1045010.4/3

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2012.066+/-2328.905 χ^2/NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -345.382+/-2179.195 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

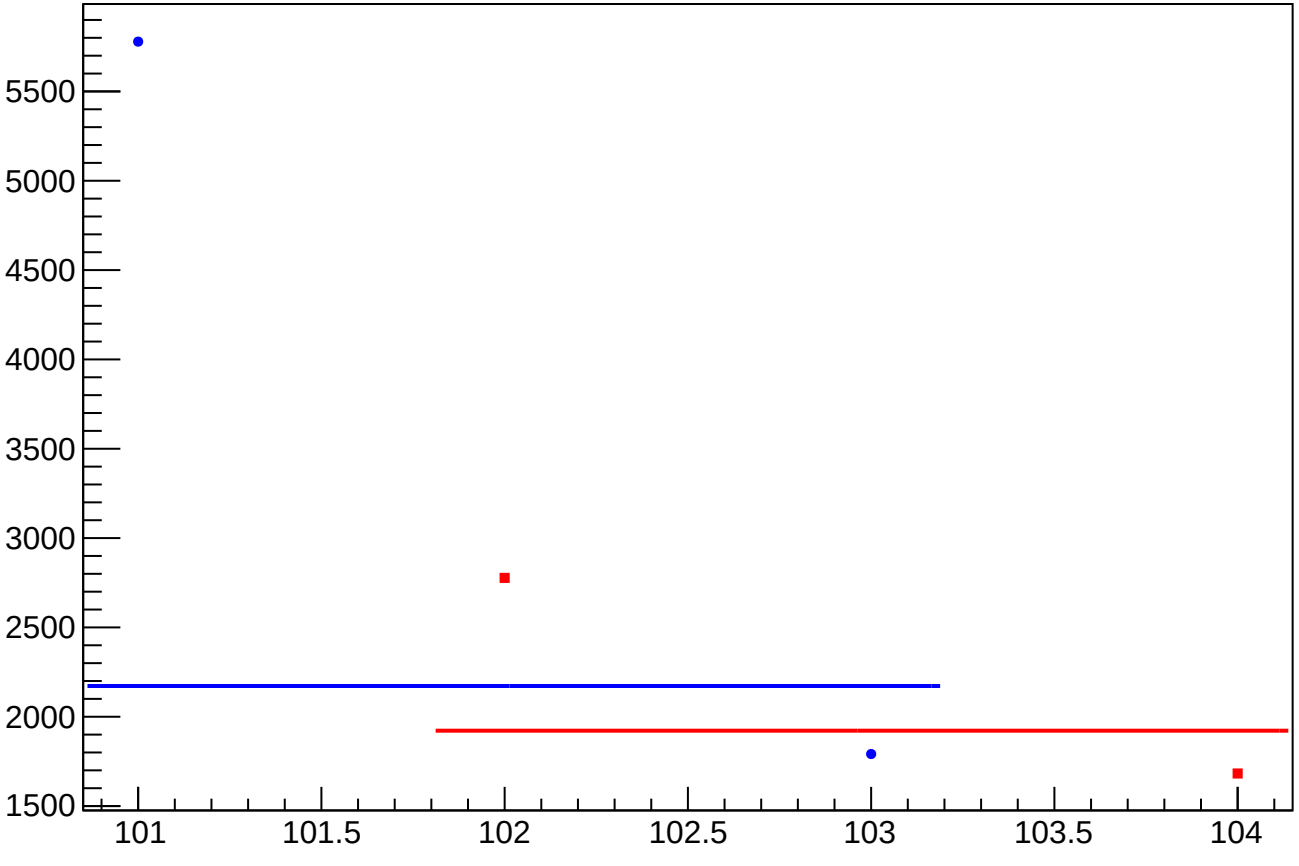
Right: 755.139+/-1591.219 χ^2/NDF: 2.8/3

In: 2012.066+/-2328.905 χ^2/NDF:1.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 755.139+/-1591.219 χ^2/NDF: 2.8/3

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2172.123+/-1.647 χ^2/NDF: 506357.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1921.925+/-1.541 χ^2/NDF: 86286.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

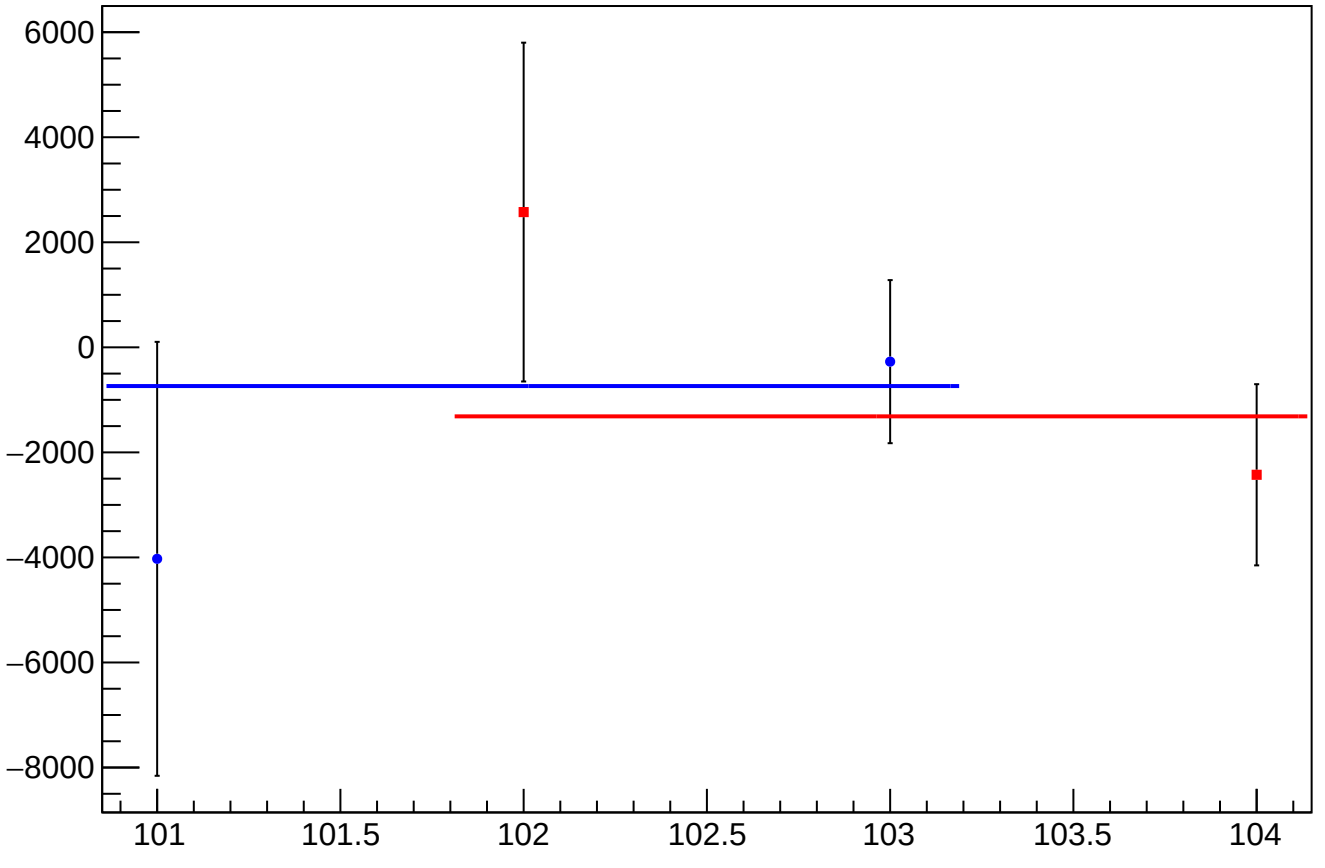
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2038.722+/-1.125 χ^2/NDF: 604952.3/3

In: 2172.123+/-1.647 χ^2/NDF:506357.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2038.722+/-1.125 χ^2/NDF: 604952.3/3



Right In: -737.282+/-1453.345 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1314.229+/-1521.029 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

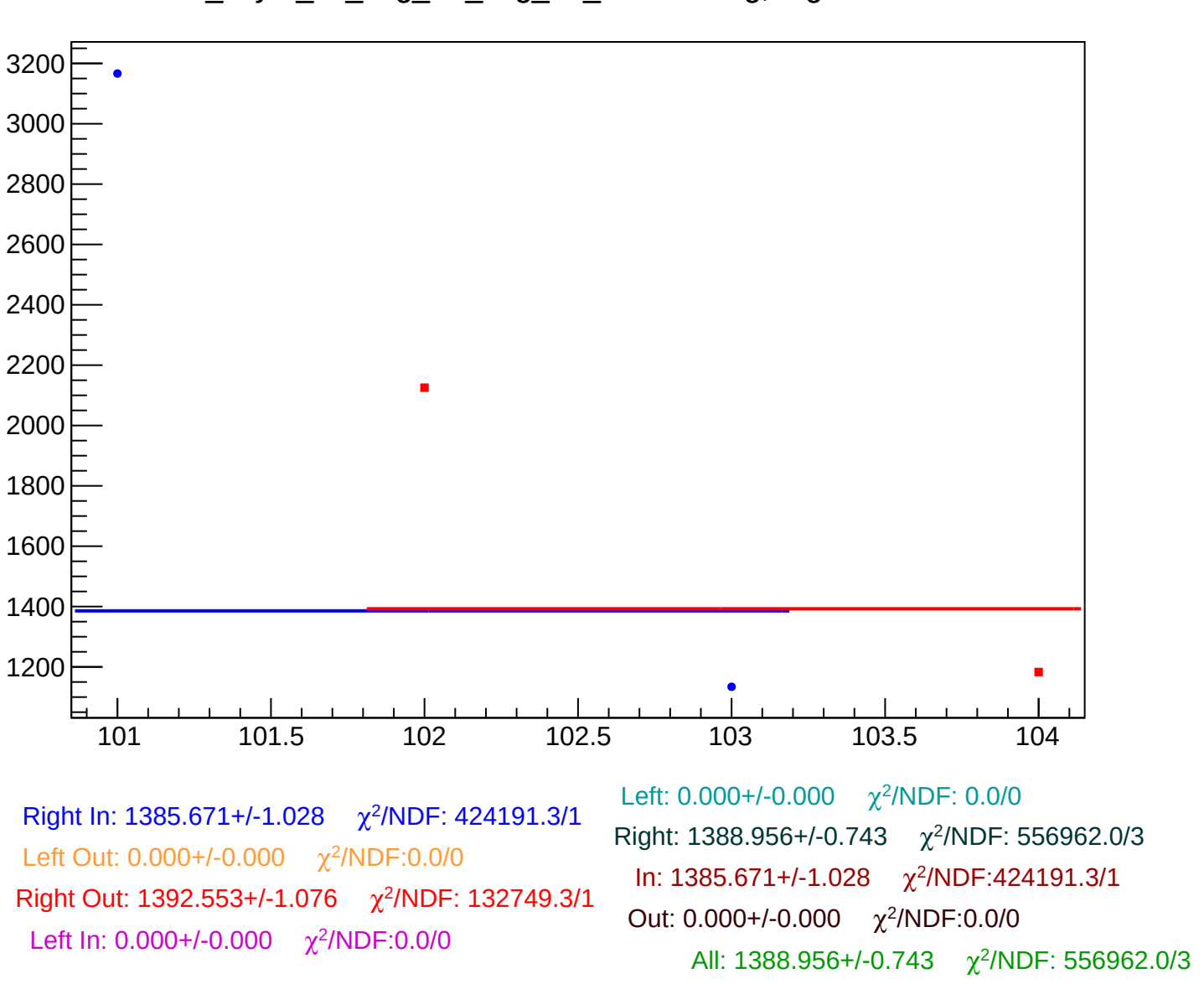
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1012.633+/-1050.783 χ^2/NDF: 2.7/3

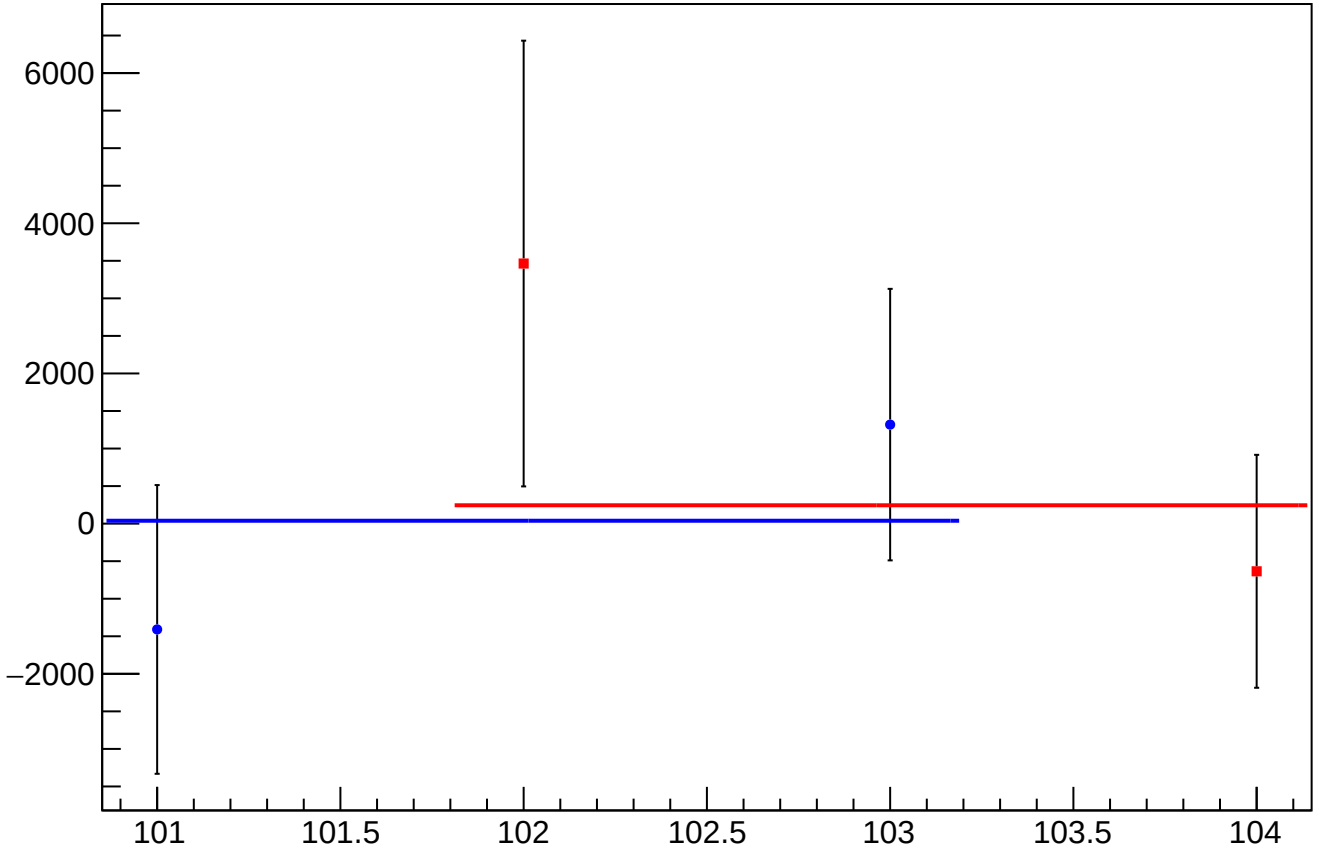
In: -737.282+/-1453.345 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1012.633+/-1050.783 χ^2/NDF: 2.7/3


dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
101
101.5
102
102.5
103
103.5
104
Right In: 1385.671+/-1.028 χ²/NDF: 424191.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1392.553+/-1.076 χ²/NDF: 132749.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1388.956+/-0.743 χ²/NDF: 556962.0/3
In: 1385.671+/-1.028 χ²/NDF:424191.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1388.956+/-0.743 χ²/NDF: 556962.0/3

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 38.575+/-1317.040 χ^2/NDF: 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 244.509+/-1374.624 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

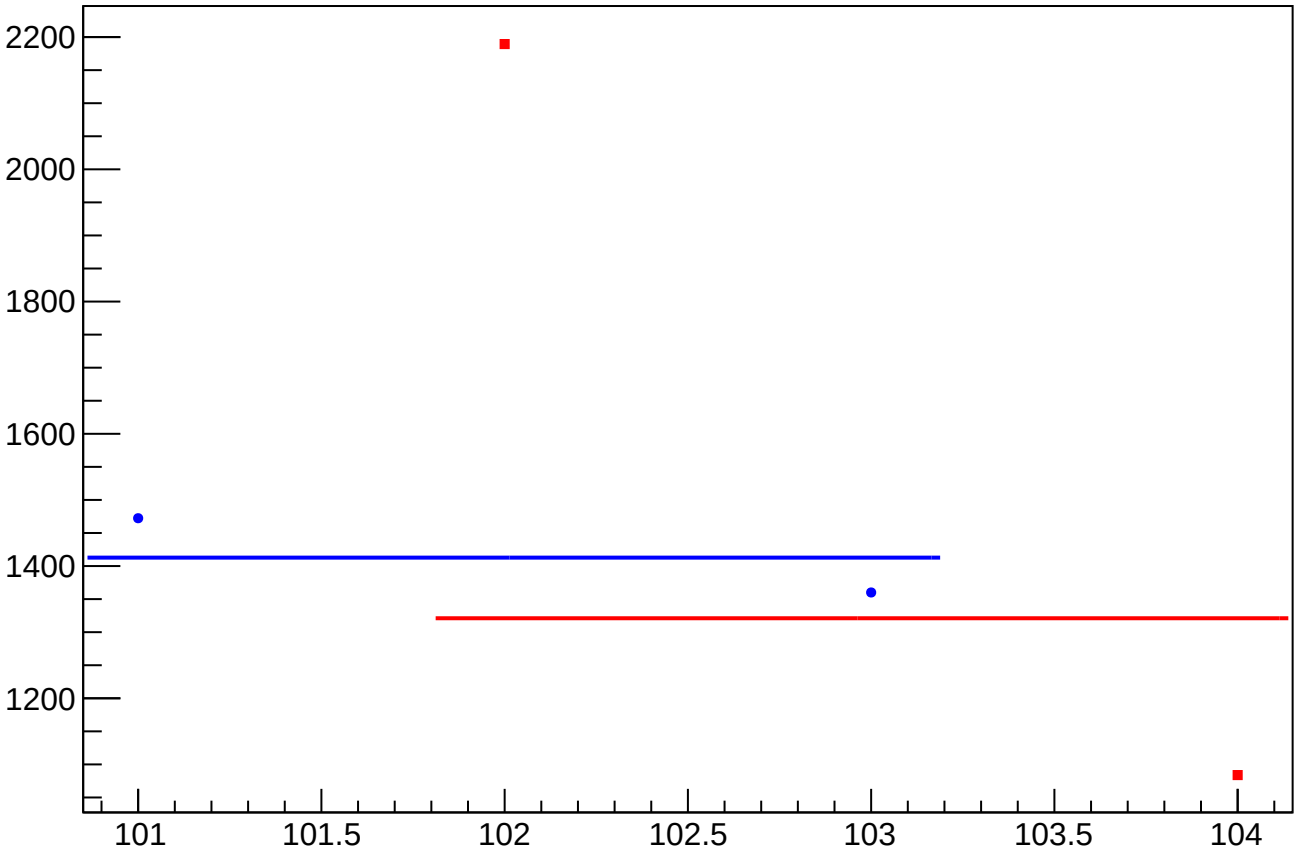
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

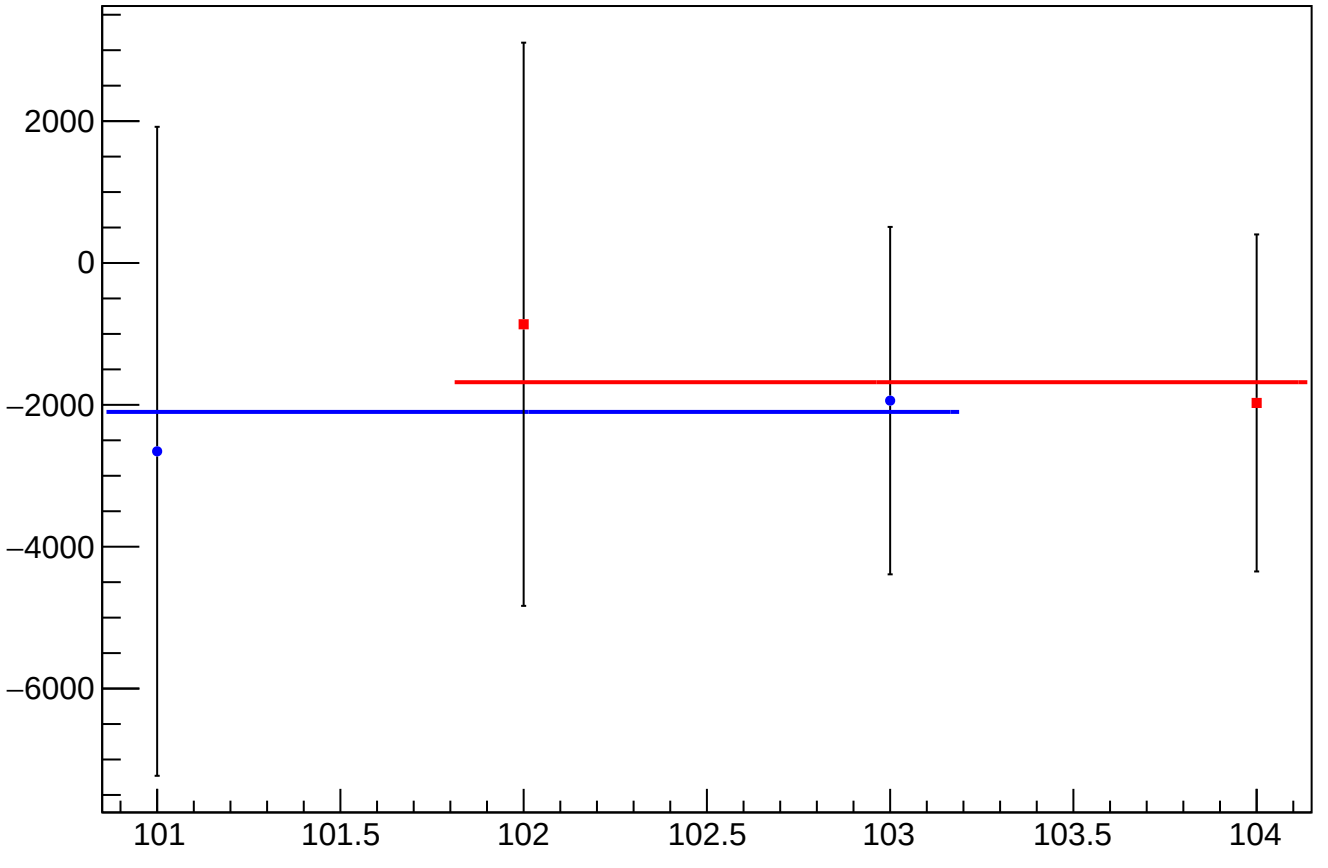
Right: 137.138+/-950.994 χ^2/NDF: 2.6/3

In: 38.575+/-1317.040 χ^2/NDF:1.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 137.138+/-950.994 χ^2/NDF: 2.6/3


asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected
2200
2000
1800
1600
1400
1200
101
101.5
102
102.5
103
103.5
104
Right In: 1412.746+/-0.931 χ²/NDF: 3622.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1321.053+/-0.972 χ²/NDF: 217996.9/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 1368.860+/-0.672 χ²/NDF: 226258.9/3
In: 1412.746+/-0.931 χ²/NDF:3622.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 1368.860+/-0.672 χ²/NDF: 226258.9/3



Right In: -2099.591+/-2159.170 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1680.698+/-2038.702 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

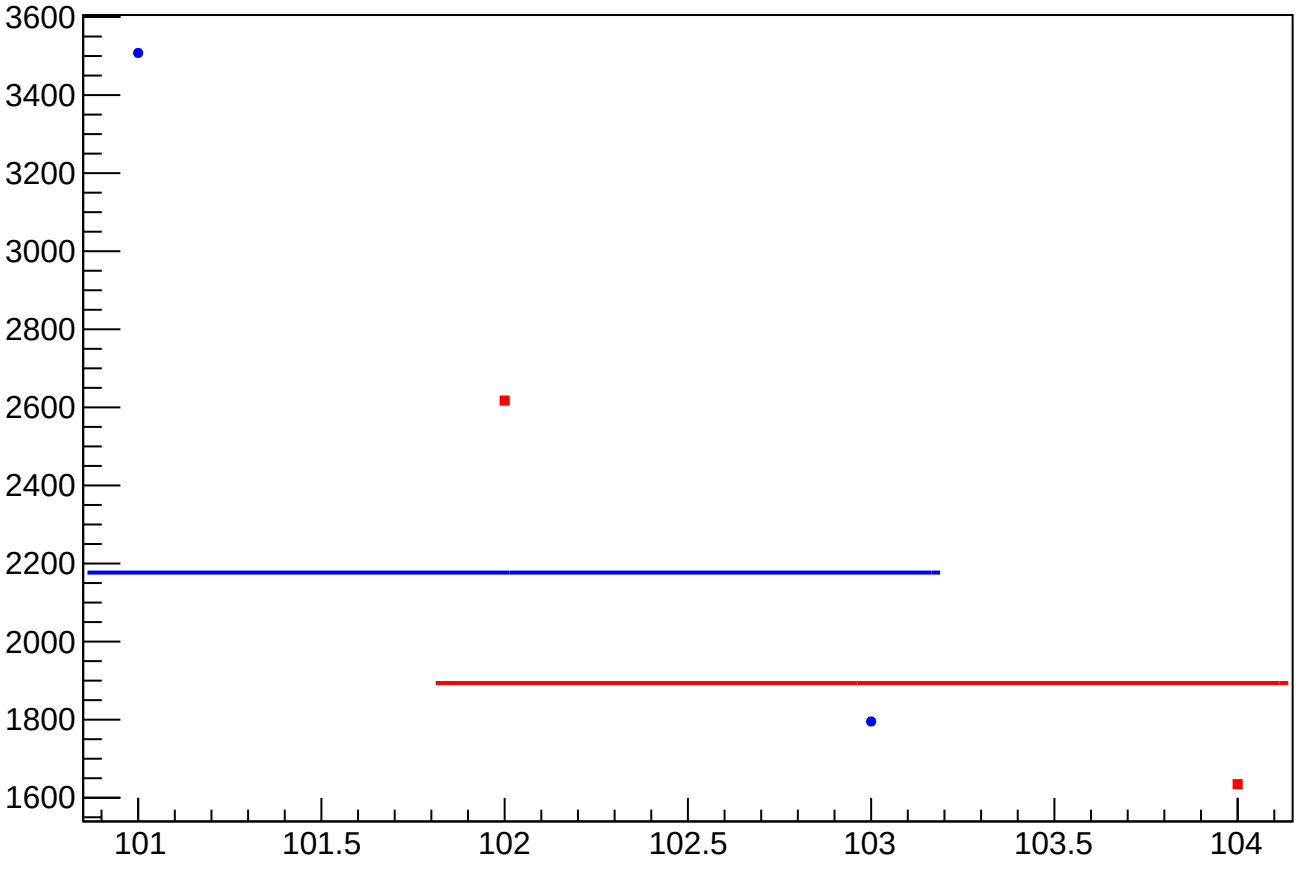
Right: -1878.133+/-1482.339 χ^2/NDF: 0.1/3

In: -2099.591+/-2159.170 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1878.133+/-1482.339 χ^2/NDF: 0.1/3

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2176.781+/-1.527 χ^2/NDF: 217853.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1893.934+/-1.442 χ^2/NDF: 90189.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

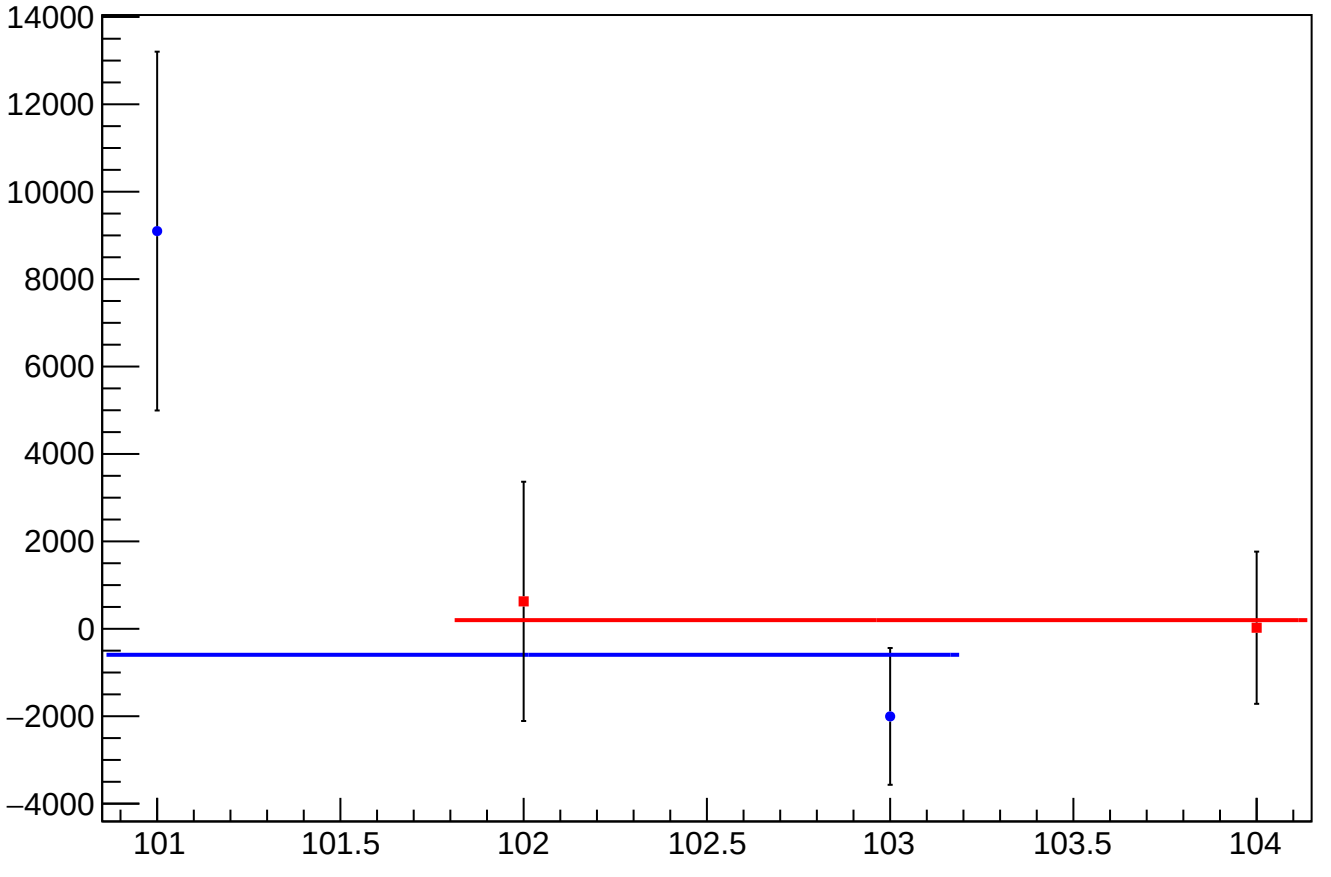
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2027.250+/-1.048 χ^2/NDF: 326188.6/3

In: 2176.781+/-1.527 χ^2/NDF:217853.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2027.250+/-1.048 χ^2/NDF: 326188.6/3



Right In: -594.554+/-1462.249 χ^2/NDF: 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 198.447+/-1469.059 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

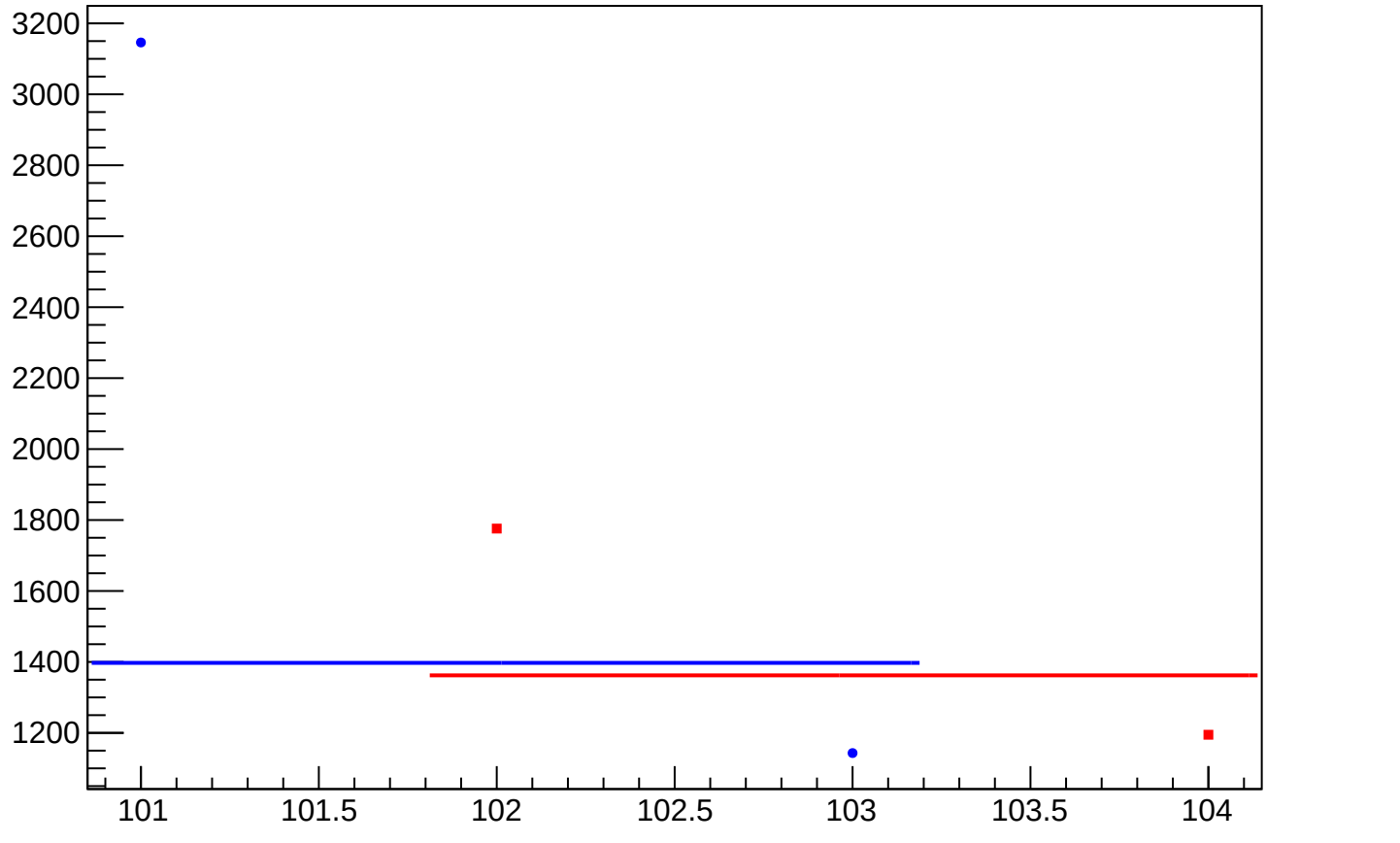
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -199.896+/-1036.366 χ^2/NDF: 6.6/3

In: -594.554+/-1462.249 χ^2/NDF:6.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -199.896+/-1036.366 χ^2/NDF: 6.6/3



Right In: 1397.371+/-1.034 χ^2/NDF: 415853.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1362.195+/-1.039 χ^2/NDF: 64201.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

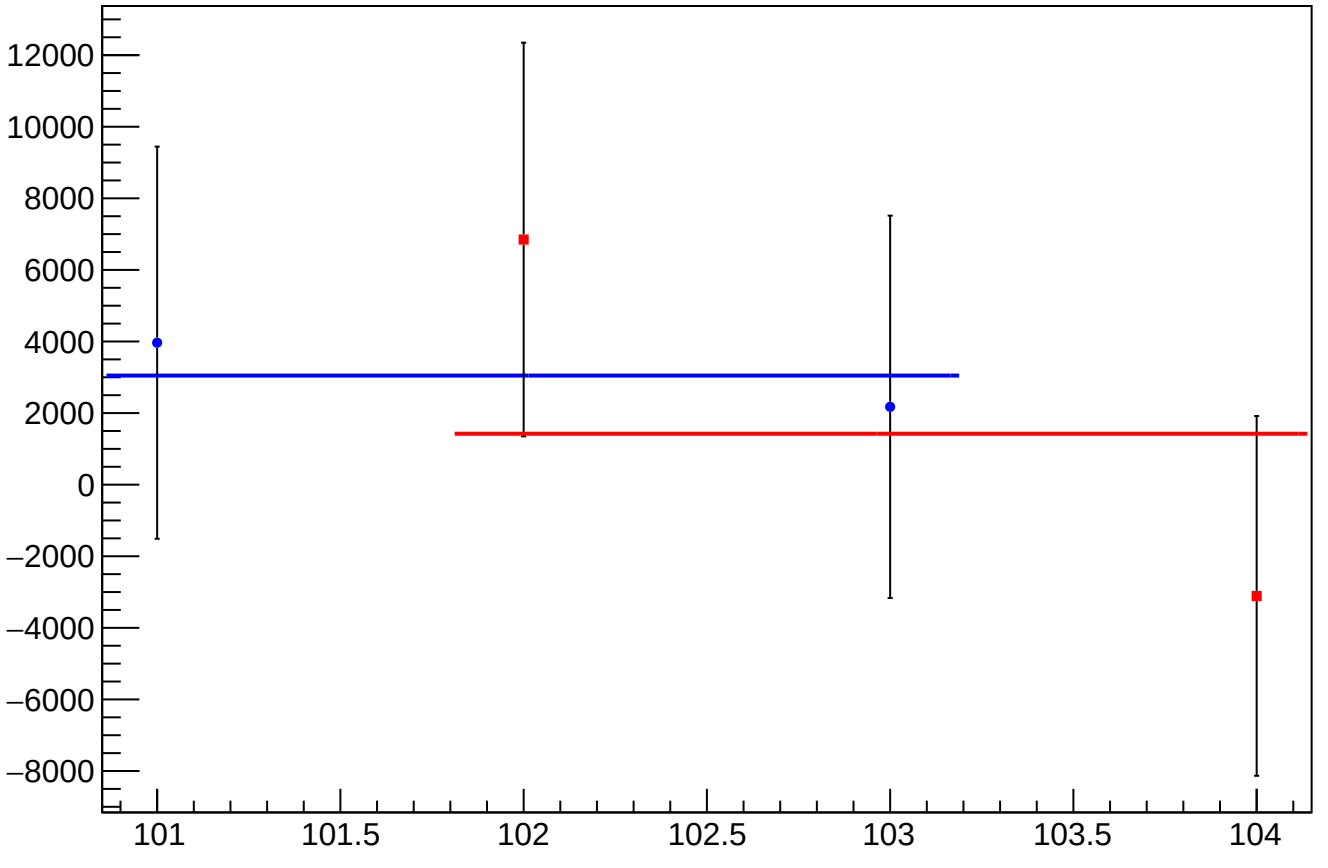
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1379.865+/-0.733 χ^2/NDF: 480631.3/3

In: 1397.371+/-1.034 χ^2/NDF:415853.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1379.865+/-0.733 χ^2/NDF: 480631.3/3



Right In: 3048.231+/-3824.260 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1423.200+/-3709.953 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

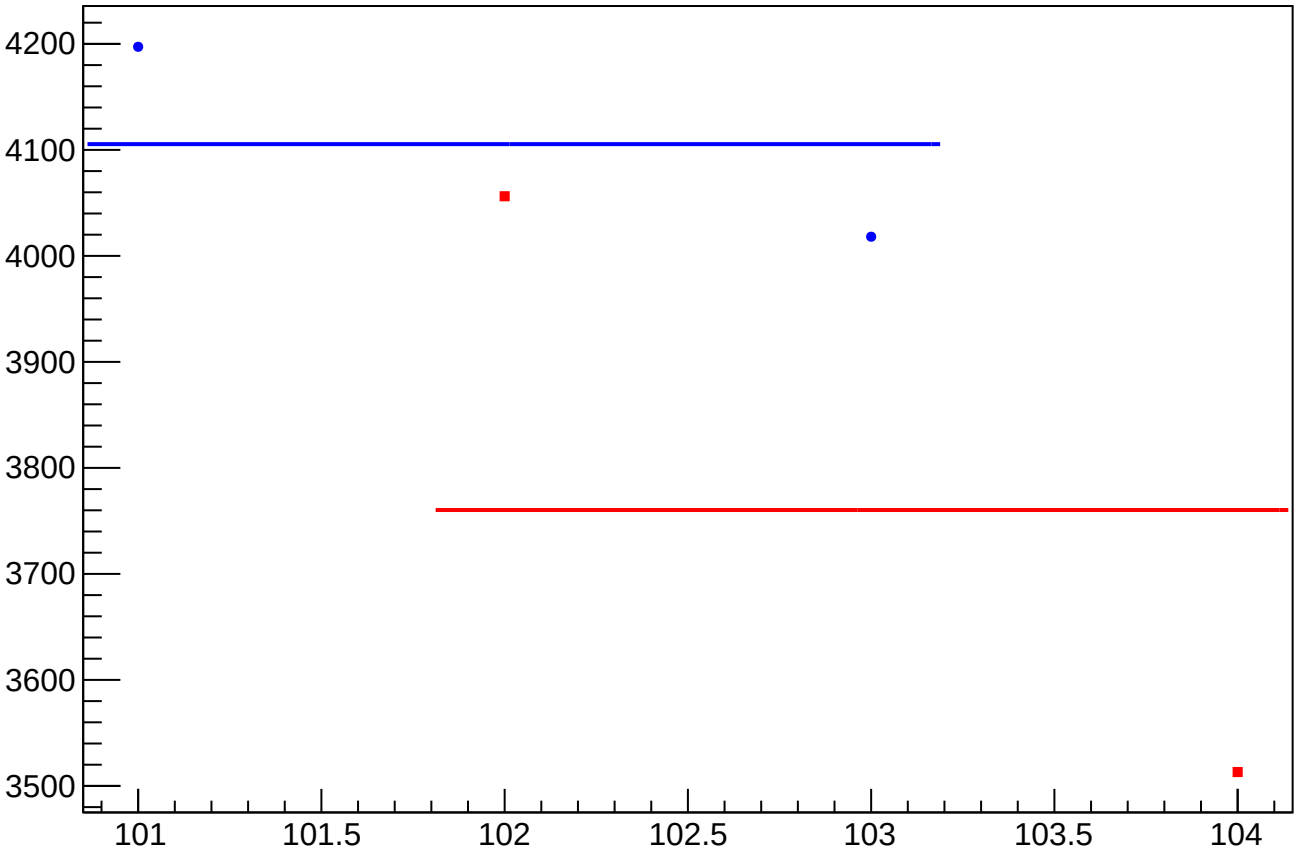
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2211.066+/-2662.827 χ^2/NDF: 1.9/3

In: 3048.231+/-3824.260 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2211.066+/-2662.827 χ^2/NDF: 1.9/3



Right In: 4105.434+/-2.704 χ^2/NDF: 1097.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3760.274+/-2.623 χ^2/NDF: 10631.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

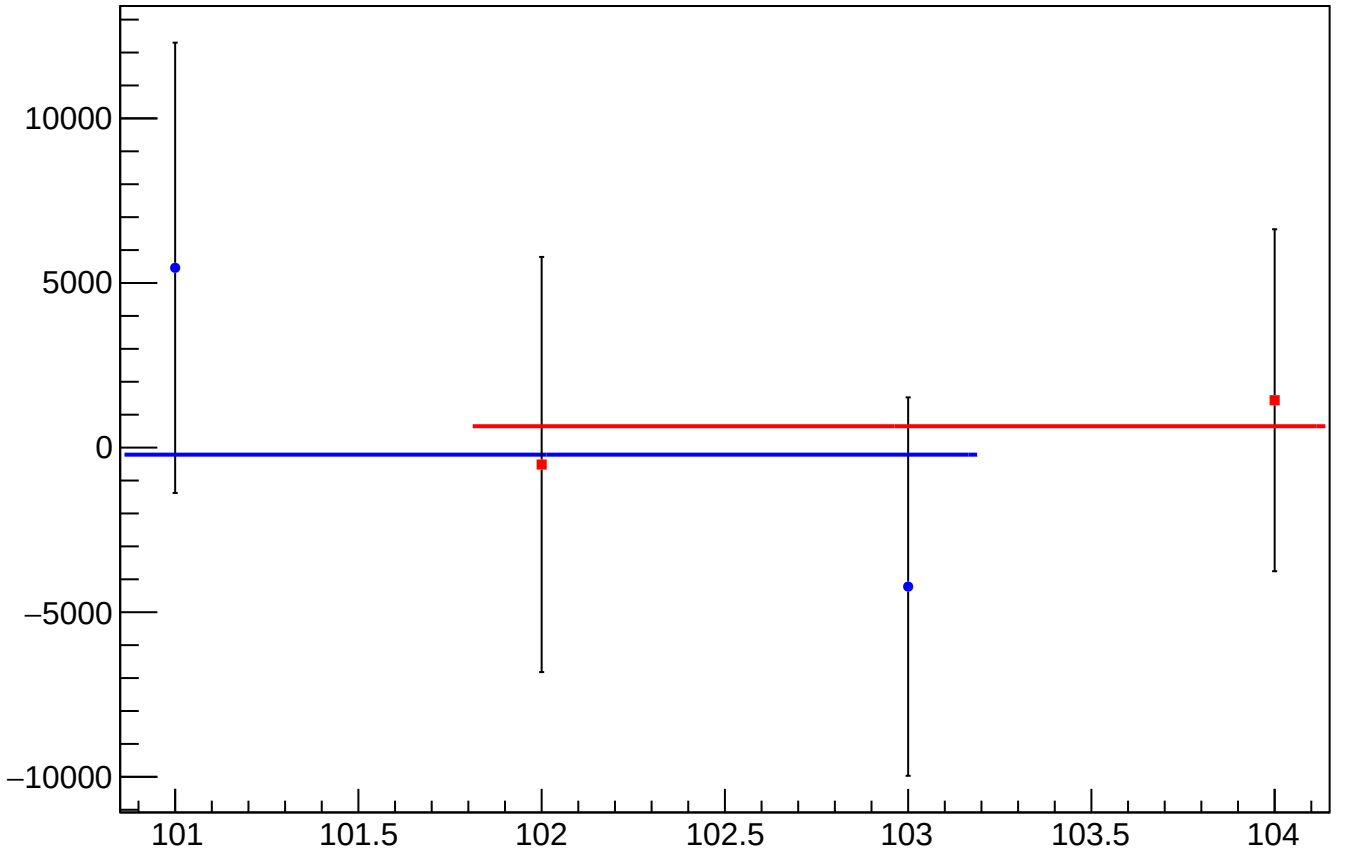
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3927.618+/-1.883 χ^2/NDF: 20121.1/3

In: 4105.434+/-2.704 χ^2/NDF:1097.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3927.618+/-1.883 χ^2/NDF: 20121.1/3



Right In: -213.992+/-4399.700 χ^2/NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 649.563+/-4008.583 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

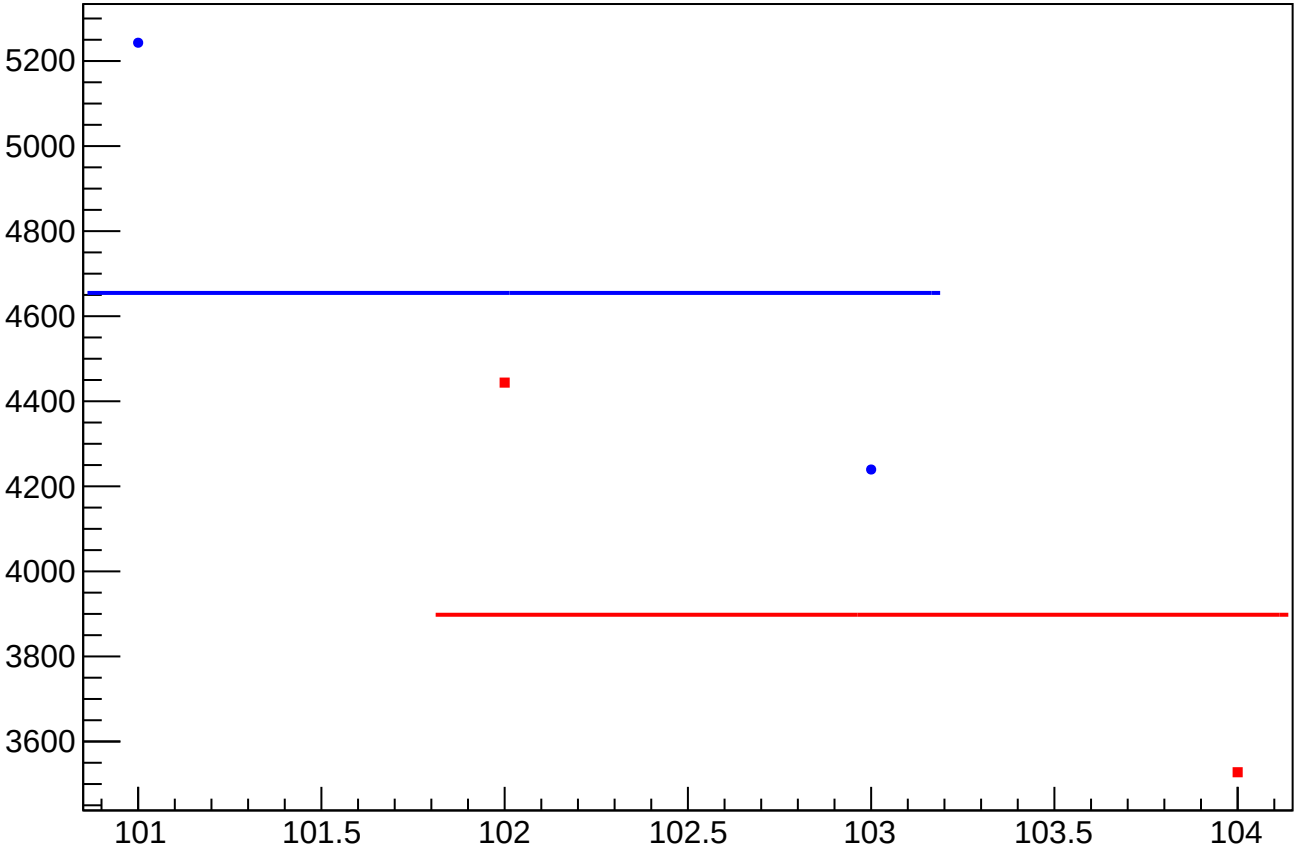
Right: 257.867+/-2963.141 χ^2/NDF: 1.3/3

In: -213.992+/-4399.700 χ^2/NDF:1.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 257.867+/-2963.141 χ^2/NDF: 1.3/3

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4654.736+/-3.111 χ^2/NDF: 25245.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3898.018+/-2.834 χ^2/NDF: 25161.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

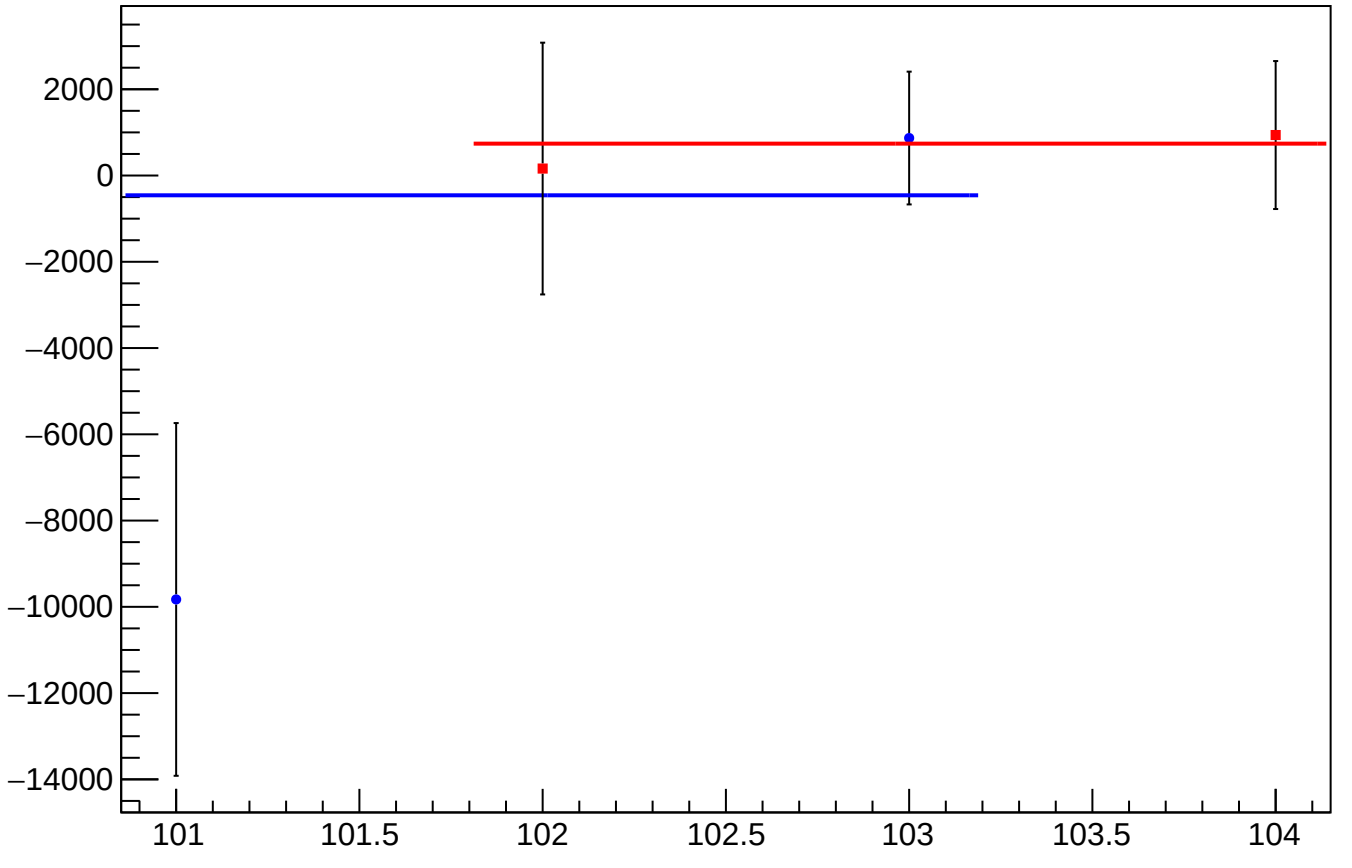
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4241.278+/-2.095 χ^2/NDF: 82742.2/3

In: 4654.736+/-3.111 χ^2/NDF:25245.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4241.278+/-2.095 χ^2/NDF: 82742.2/3



Right In: -458.459+/-1440.582 χ^2/NDF: 6.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 739.178+/-1478.844 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

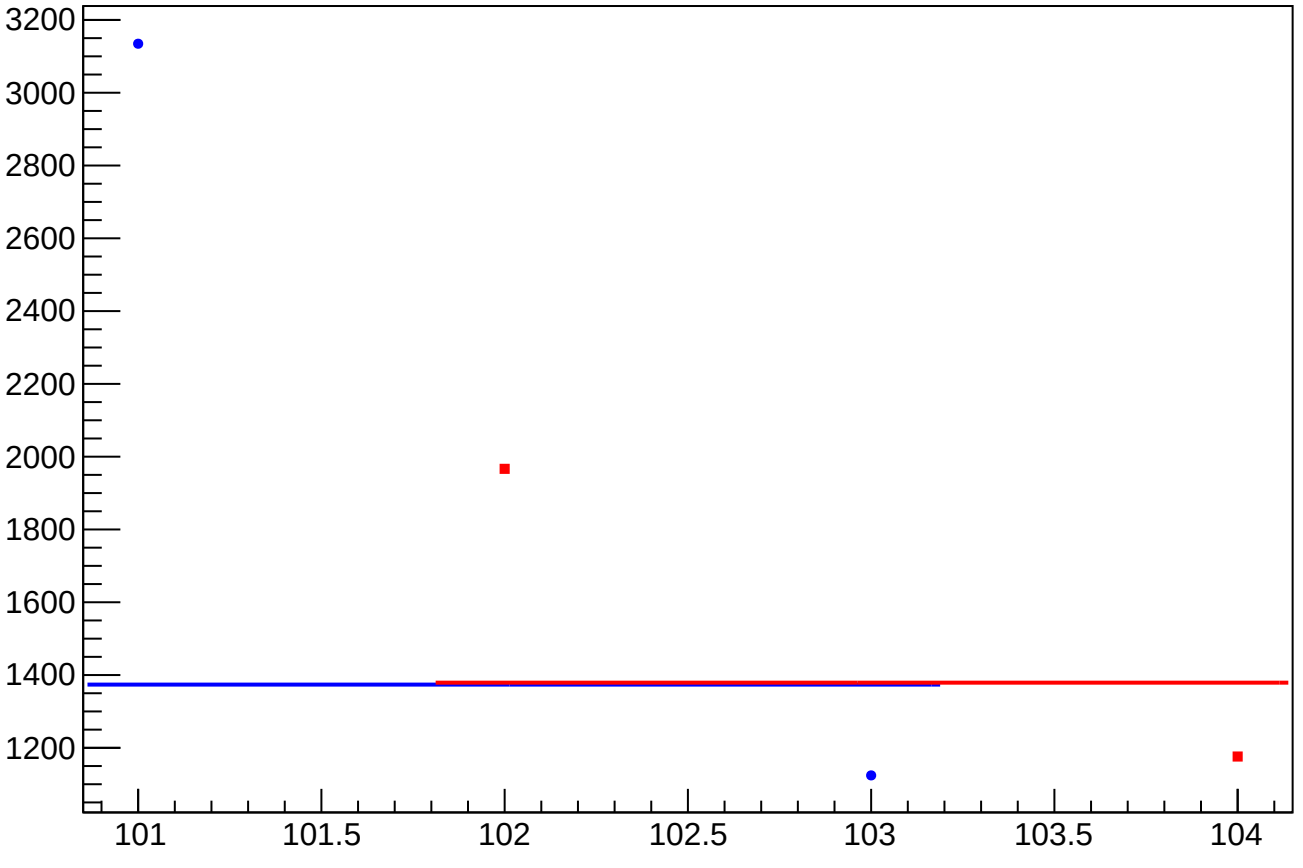
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 124.666+/-1031.907 χ^2/NDF: 6.4/3

In: -458.459+/-1440.582 χ^2/NDF:6.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 124.666+/-1031.907 χ^2/NDF: 6.4/3



Right In: 1373.760+/-1.019 χ^2/NDF: 423429.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1379.078+/-1.046 χ^2/NDF: 109048.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

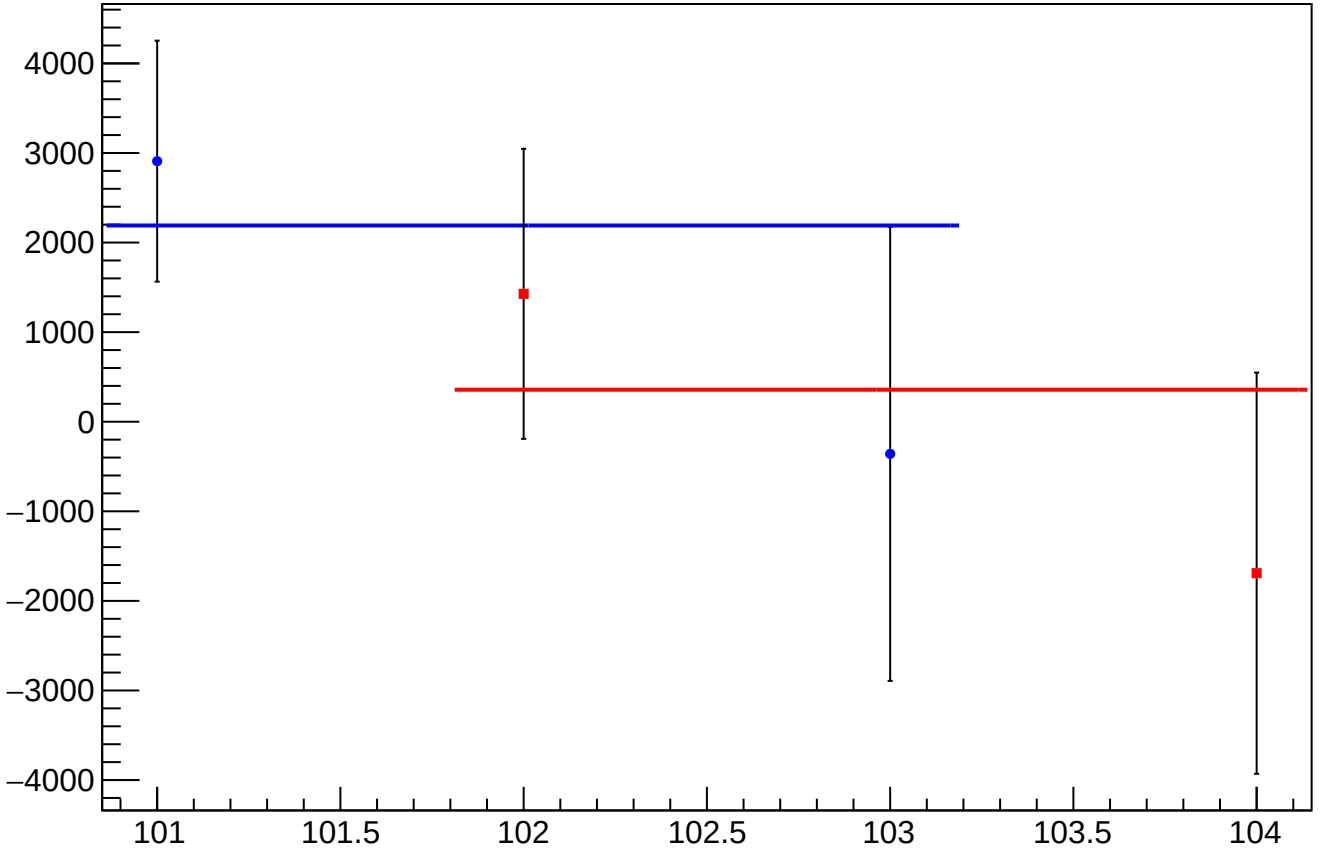
Right: 1376.349+/-0.730 χ^2/NDF: 532491.5/3

In: 1373.760+/-1.019 χ^2/NDF:423429.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1376.349+/-0.730 χ^2/NDF: 532491.5/3

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 2190.609+/-1188.149 χ^2/NDF: 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 357.376+/-1311.984 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

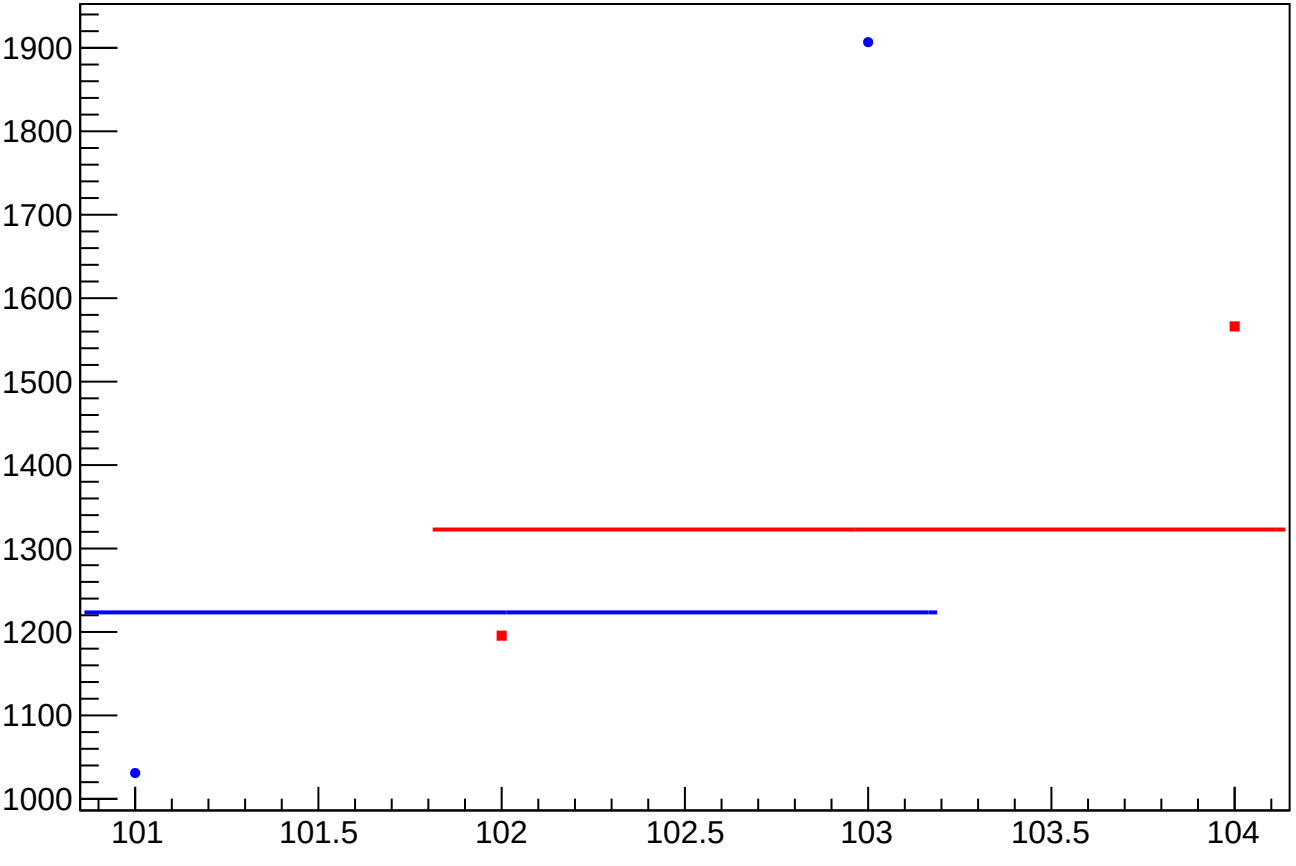
Right: 1364.573+/-880.682 χ^2/NDF: 3.6/3

In: 2190.609+/-1188.149 χ^2/NDF:1.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1364.573+/-880.682 χ^2/NDF: 3.6/3

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1223.452+/-0.840 χ^2/NDF: 186343.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1322.769+/-0.928 χ^2/NDF: 35976.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

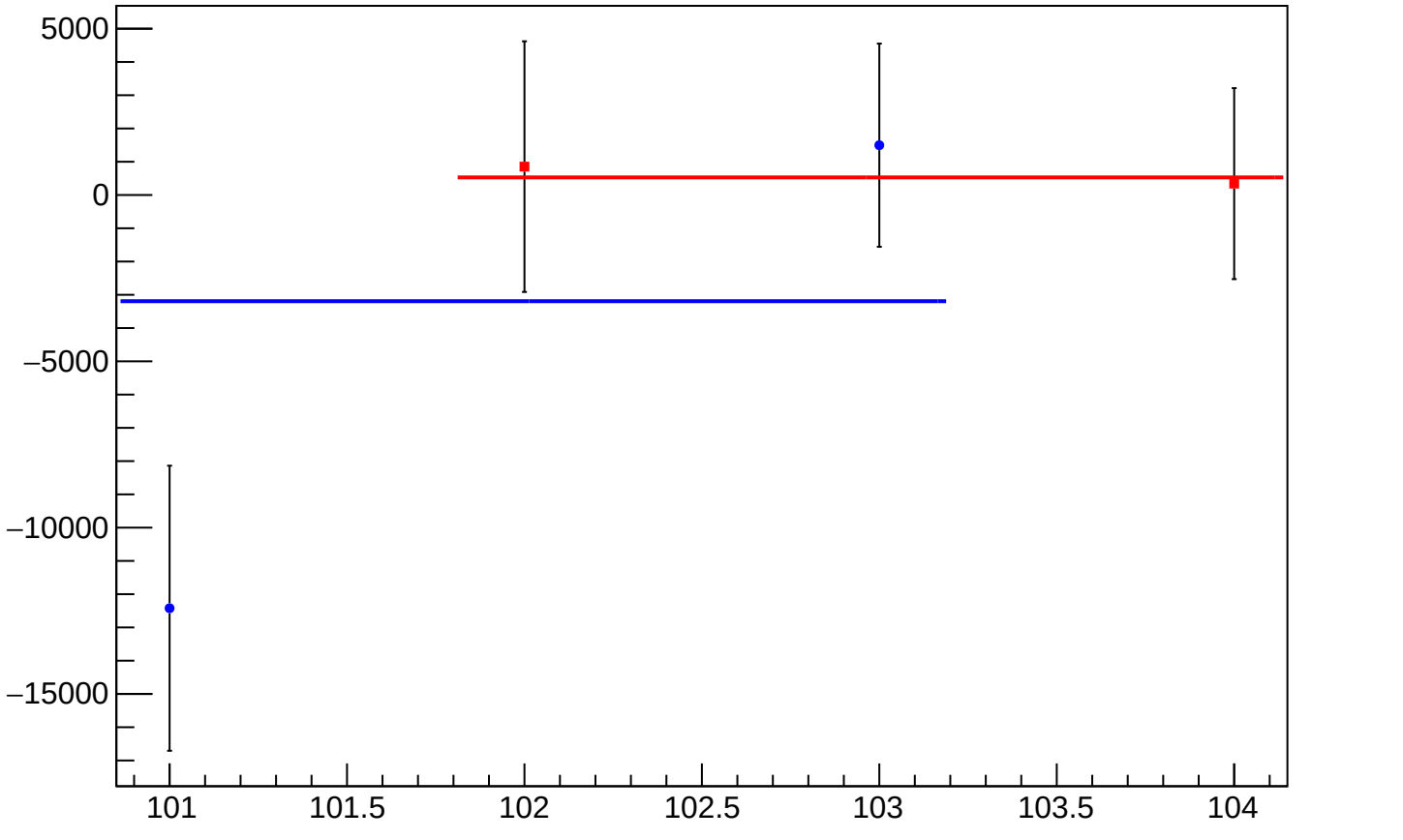
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1268.203+/-0.623 χ^2/NDF: 228616.2/3

In: 1223.452+/-0.840 χ^2/NDF:186343.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1268.203+/-0.623 χ^2/NDF: 228616.2/3



Right In: -3192.595+/-2487.376 χ^2/NDF: 7.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 529.735+/-2283.447 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

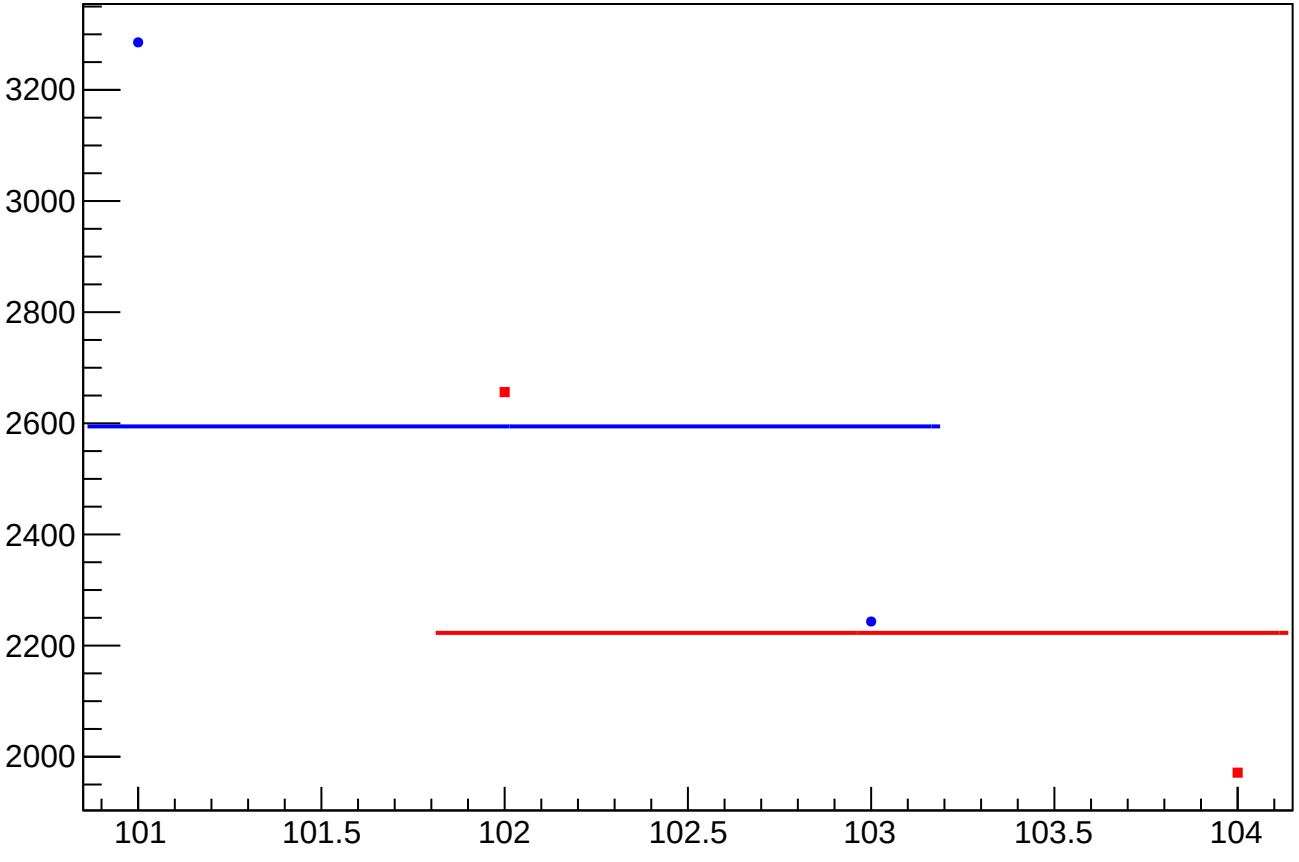
Right: -1172.609+/-1682.123 χ^2/NDF: 8.2/3

In: -3192.595+/-2487.376 χ^2/NDF:7.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1172.609+/-1682.123 χ^2/NDF: 8.2/3

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2594.435+/-1.759 χ^2/NDF: 78445.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2222.882+/-1.615 χ^2/NDF: 41818.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

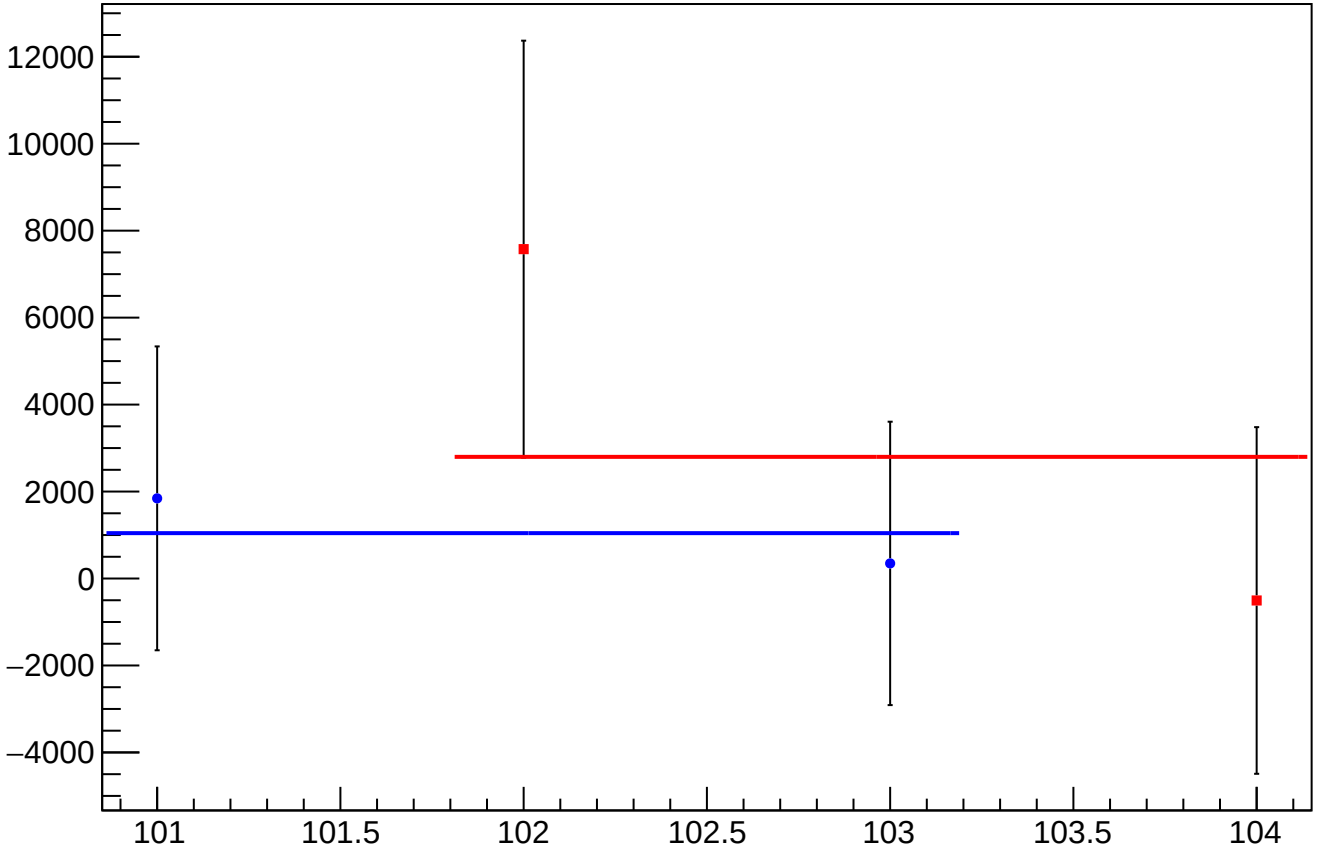
Right: 2392.802+/-1.189 χ^2/NDF: 144484.2/3

In: 2594.435+/-1.759 χ^2/NDF:78445.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2392.802+/-1.189 χ^2/NDF: 144484.2/3

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1043.467+/-2383.237 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2797.813+/-3065.157 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

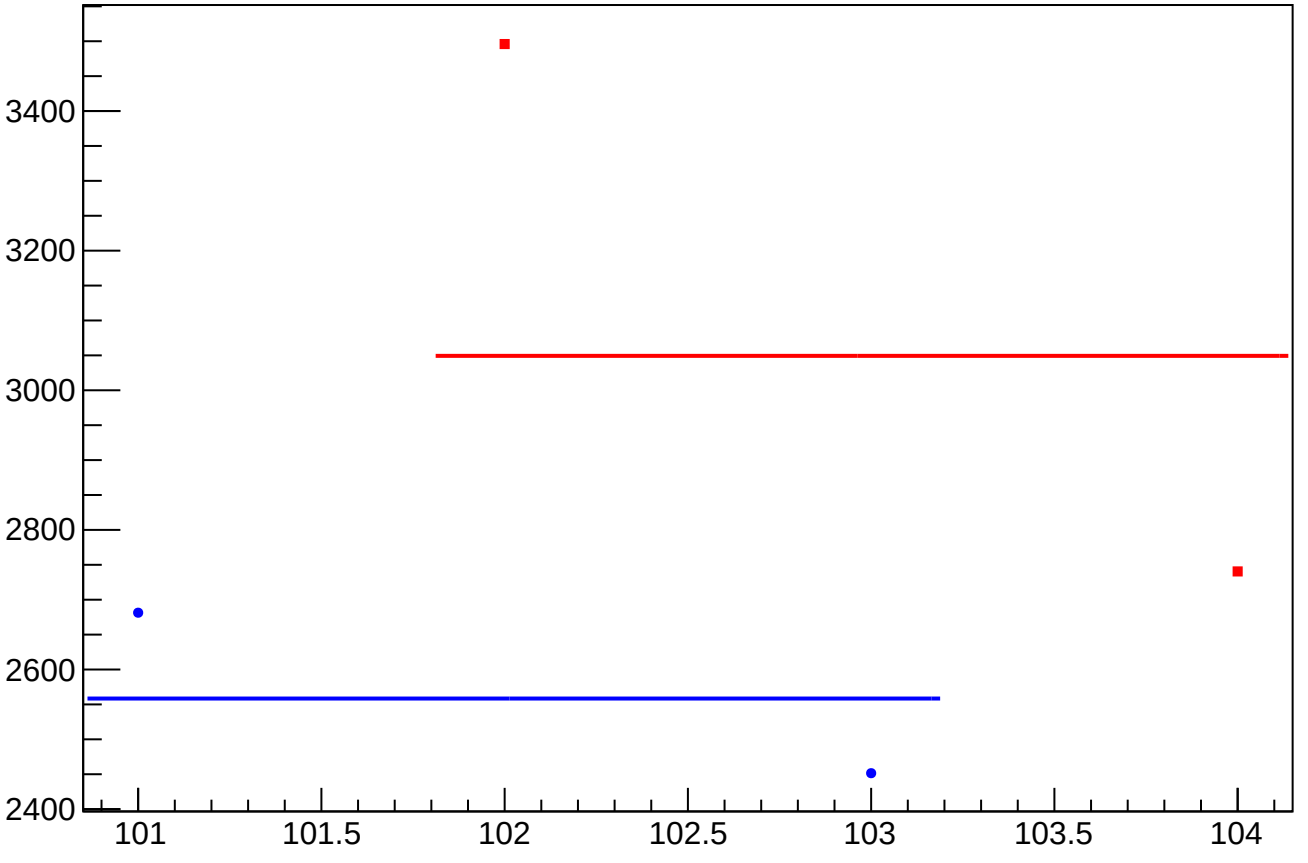
Right: 1704.453+/-1881.444 χ^2/NDF: 2.0/3

In: 1043.467+/-2383.237 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1704.453+/-1881.444 χ^2/NDF: 2.0/3

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2558.429+/-1.685 χ^2/NDF: 4630.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3049.314+/-2.167 χ^2/NDF: 29363.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

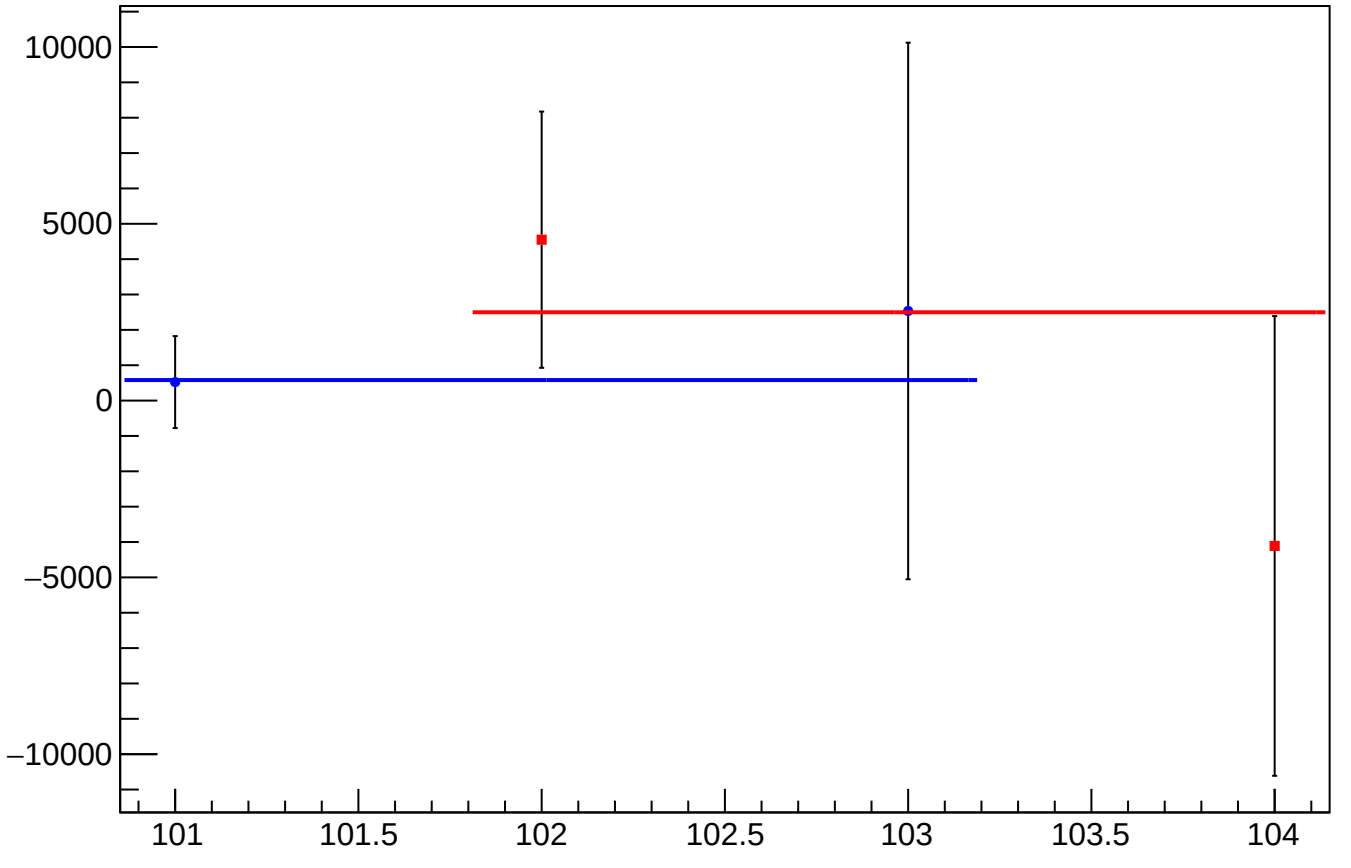
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2743.380+/-1.330 χ^2/NDF: 65962.6/3

In: 2558.429+/-1.685 χ^2/NDF:4630.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2743.380+/-1.330 χ^2/NDF: 65962.6/3



Right In: 580.391+/-1281.855 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2497.337+/-3164.859 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

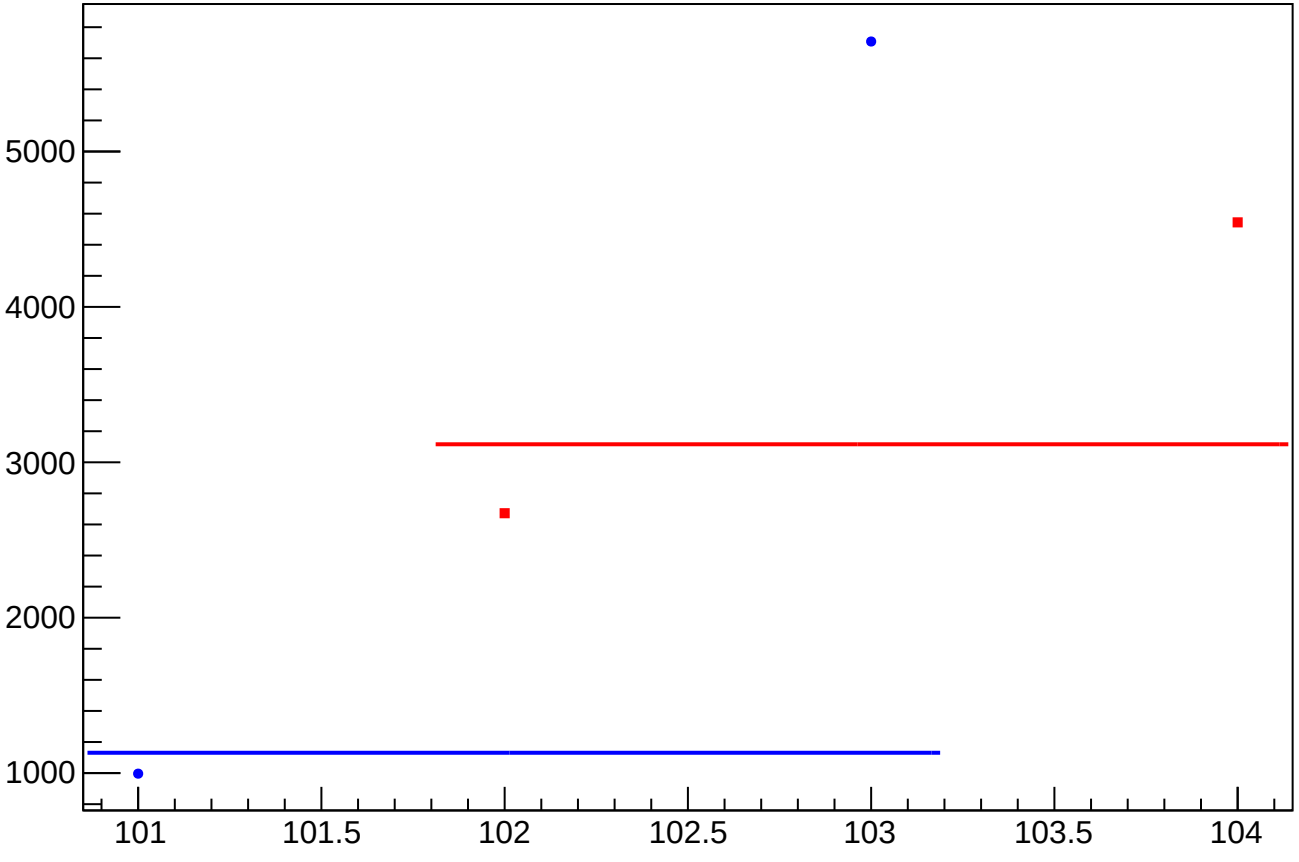
Right: 850.543+/-1188.102 χ^2/NDF: 1.7/3

In: 580.391+/-1281.855 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 850.543+/-1188.102 χ^2/NDF: 1.7/3

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1130.832+/-0.906 χ^2/NDF: 749095.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3115.990+/-2.238 χ^2/NDF: 126508.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

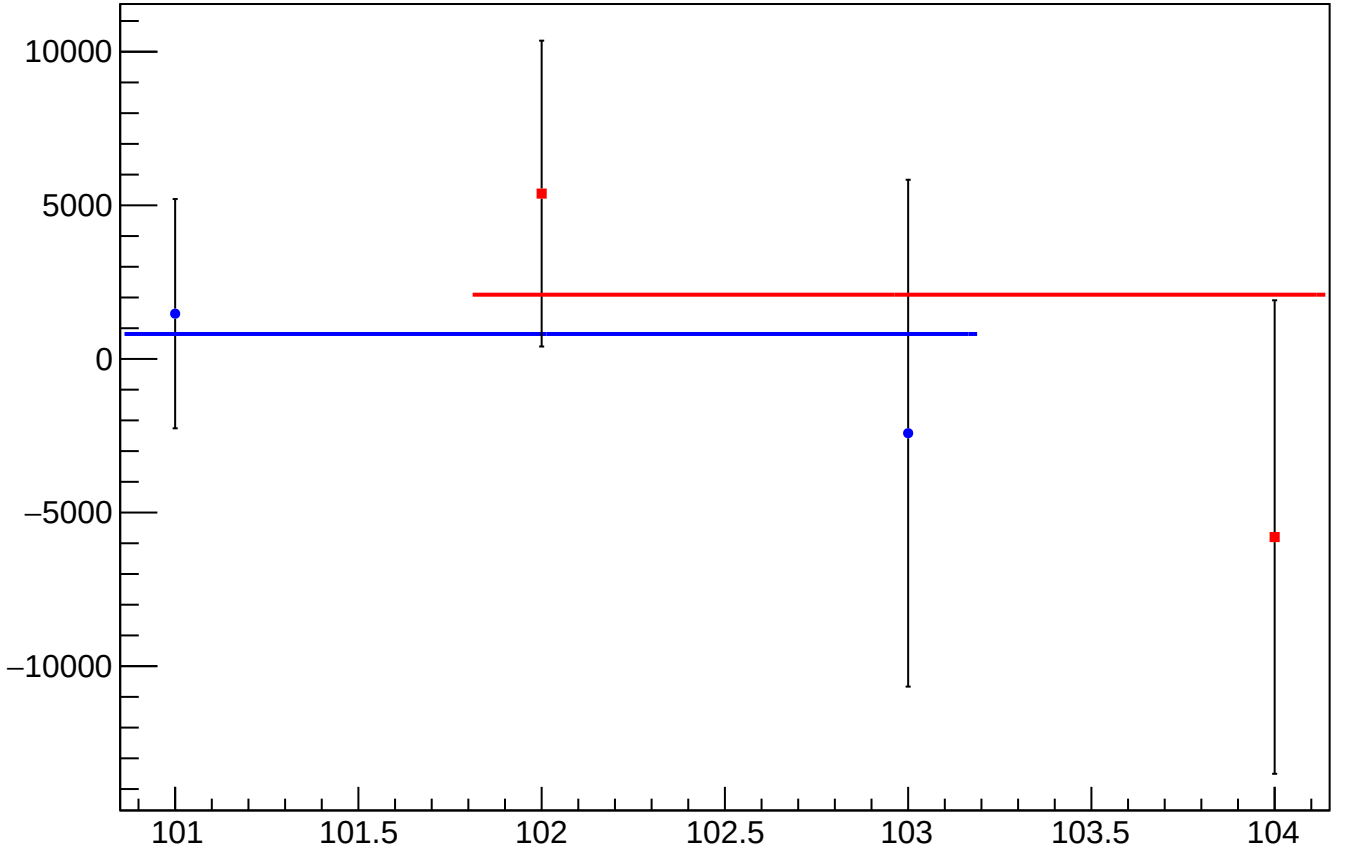
Right: 1410.597+/-0.840 χ^2/NDF: 1551595.1/3

In: 1130.832+/-0.906 χ^2/NDF:749095.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1410.597+/-0.840 χ^2/NDF: 1551595.1/3

asym_atl1_mean vs Slug, Sign Corrected



Right In: 812.482+/-3399.750 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2091.169+/-4181.293 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

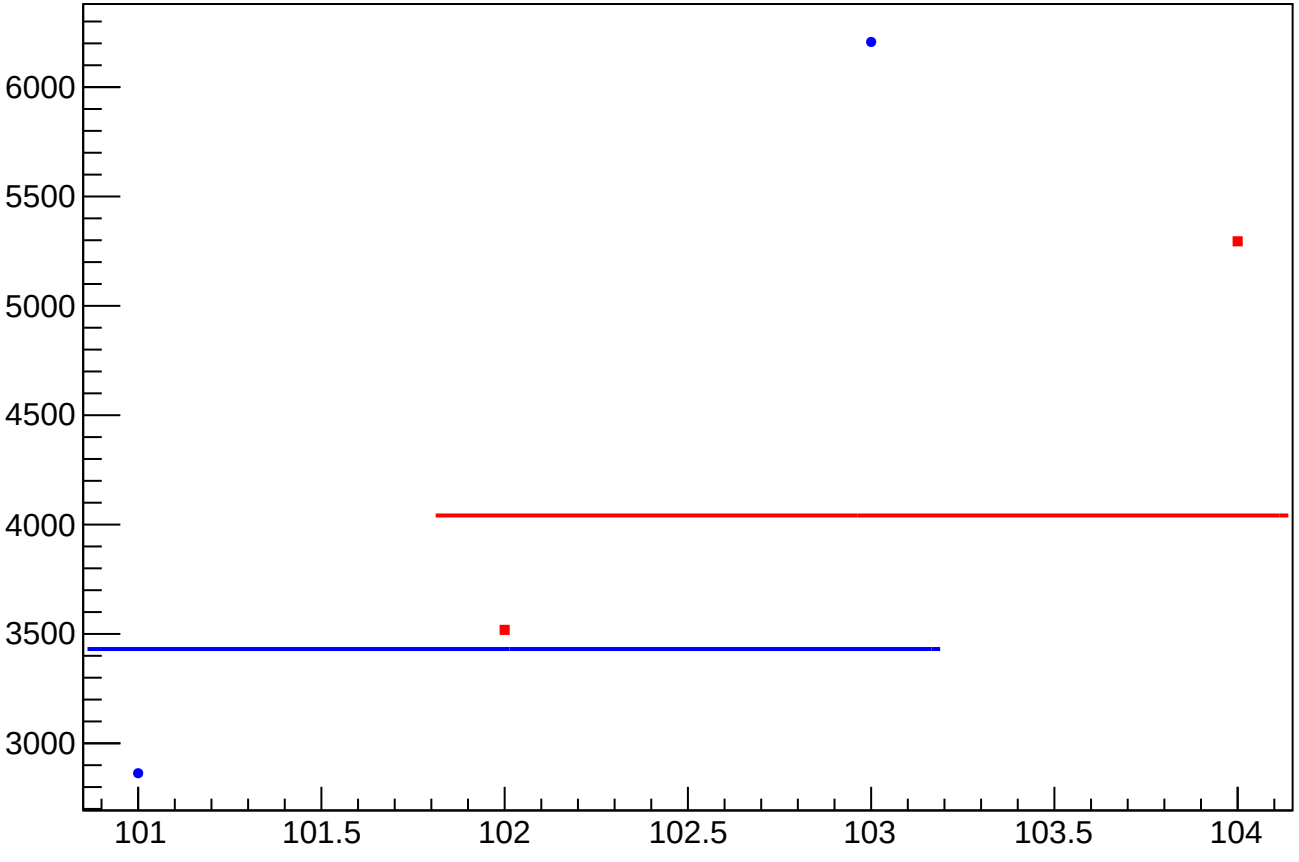
Right: 1321.390+/-2637.837 χ^2/NDF: 1.7/3

In: 812.482+/-3399.750 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1321.390+/-2637.837 χ^2/NDF: 1.7/3

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3431.105+/-2.404 χ^2/NDF: 272708.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4041.619+/-2.957 χ^2/NDF: 74985.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

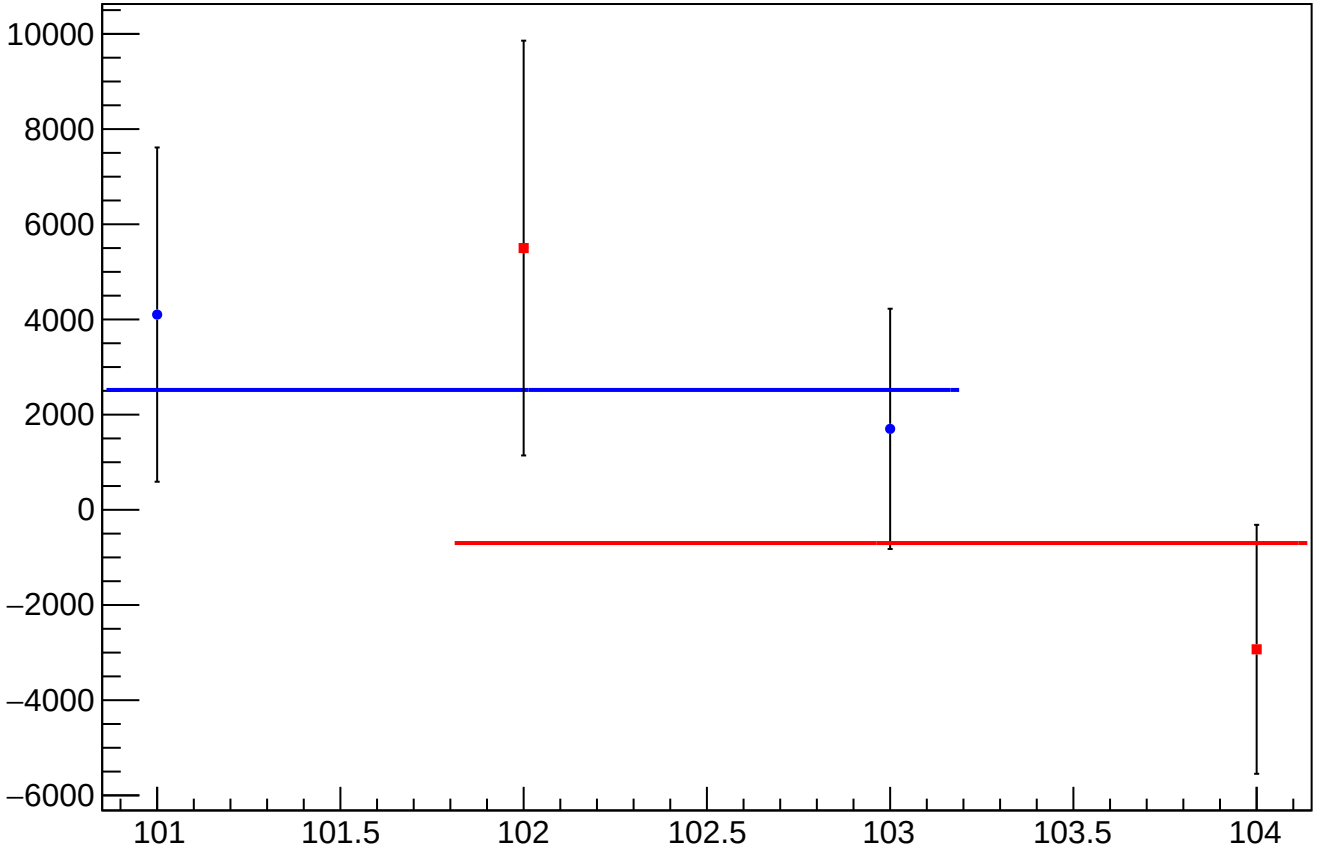
Right: 3674.085+/-1.865 χ^2/NDF: 373362.6/3

In: 3431.105+/-2.404 χ^2/NDF:272708.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3674.085+/-1.865 χ^2/NDF: 373362.6/3

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2519.059+/-2049.658 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -697.737+/-2242.736 χ^2/NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

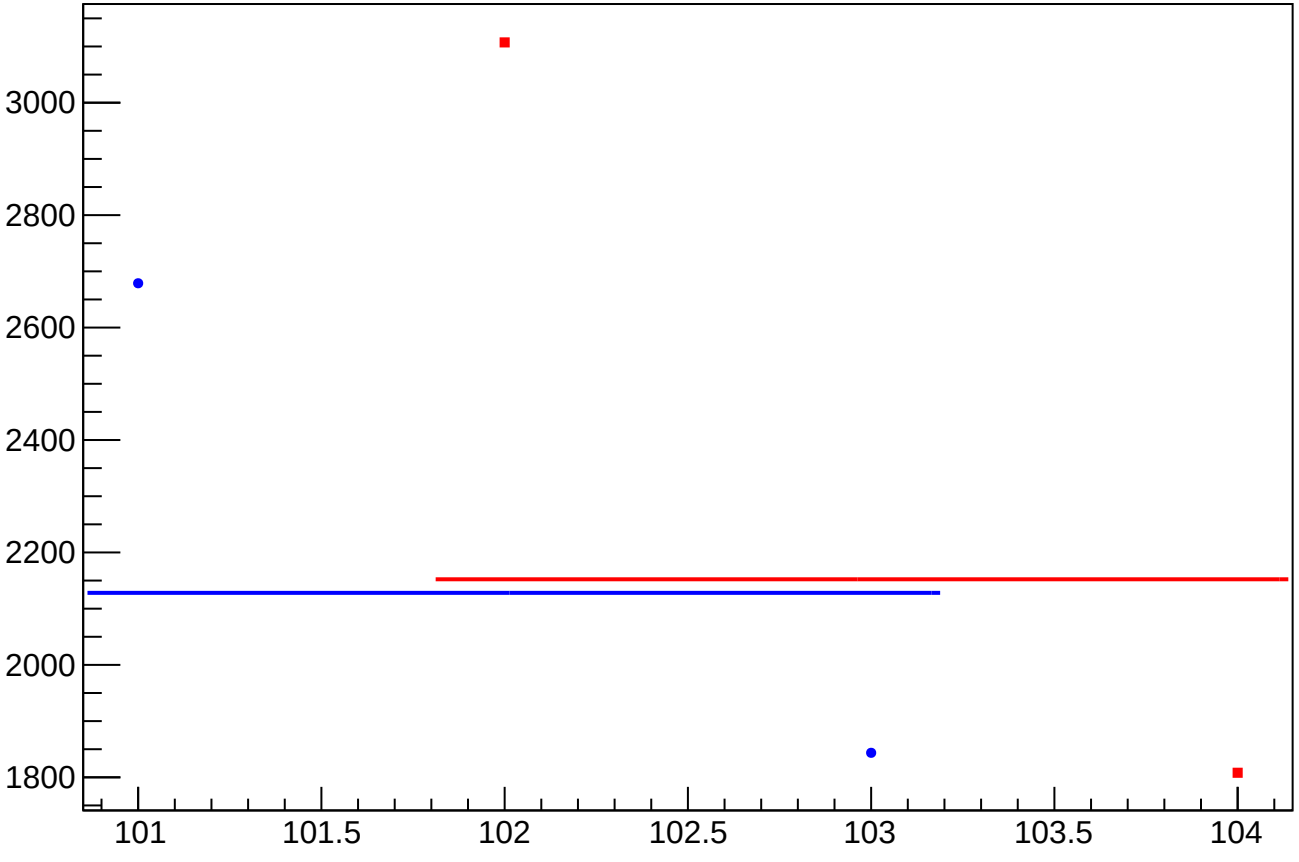
Right: 1055.065+/-1512.990 χ^2/NDF: 4.2/3

In: 2519.059+/-2049.658 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1055.065+/-1512.990 χ^2/NDF: 4.2/3

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2128.128+/-1.449 χ^2/NDF: 74591.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2152.263+/-1.586 χ^2/NDF: 130682.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

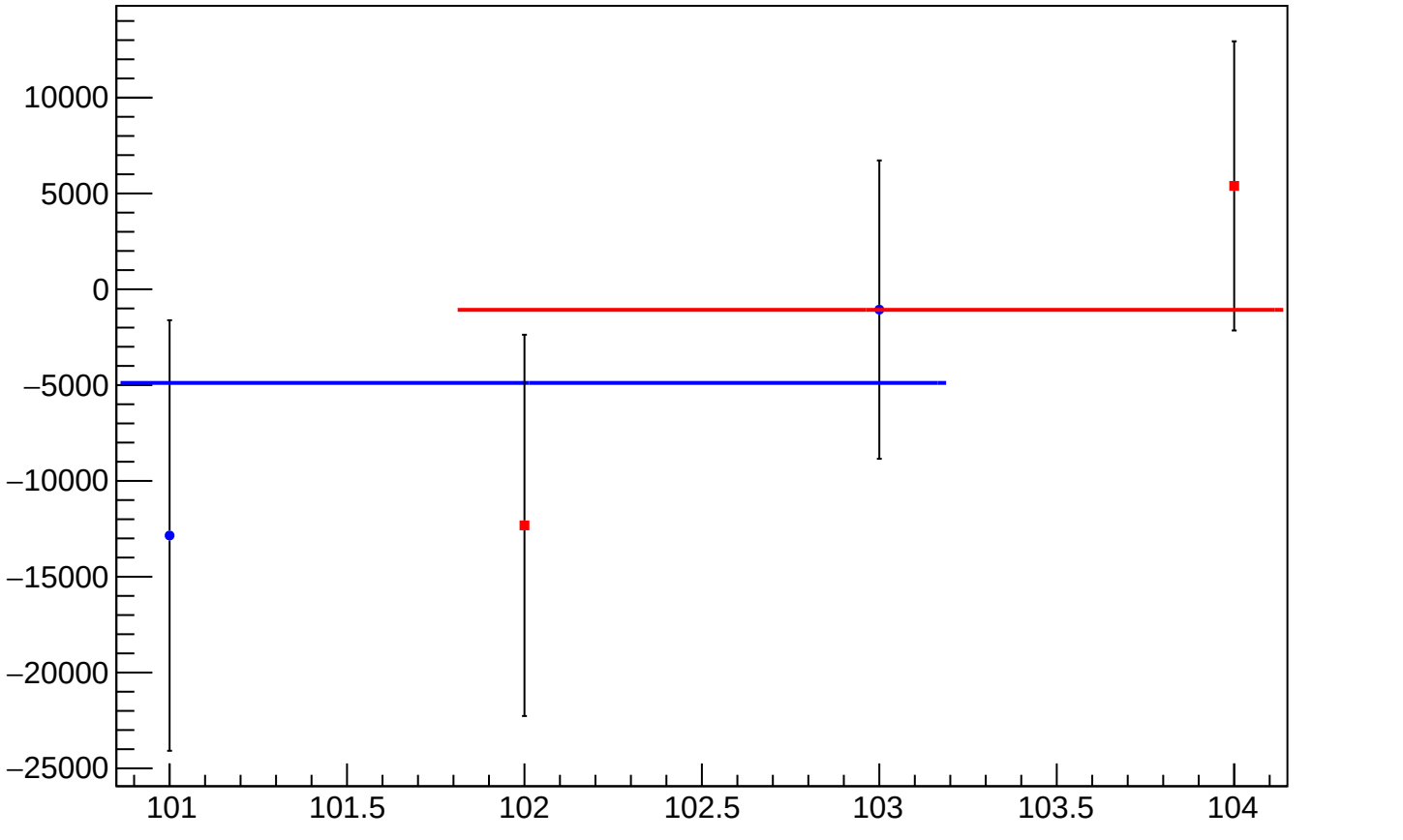
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2139.112+/-1.070 χ^2/NDF: 205400.5/3

In: 2128.128+/-1.449 χ^2/NDF:74591.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2139.112+/-1.070 χ^2/NDF: 205400.5/3



Right In: -4886.061+/-6398.294 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1074.318+/-6011.536 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

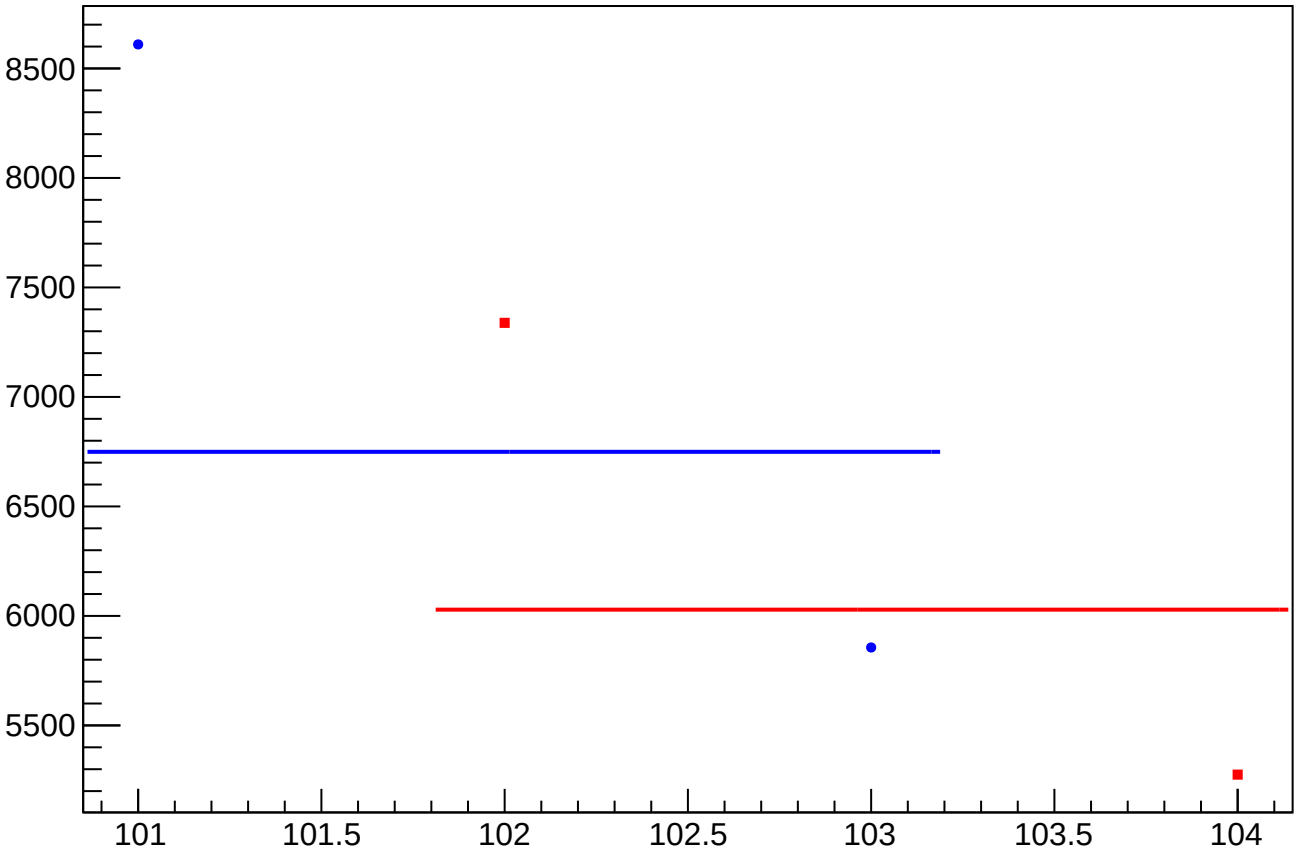
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2861.510+/-4381.149 χ^2/NDF: 2.9/3

In: -4886.061+/-6398.294 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2861.510+/-4381.149 χ^2/NDF: 2.9/3



Right In: 6749.369+/-4.524 χ^2/NDF: 81206.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6028.659+/-4.251 χ^2/NDF: 54609.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

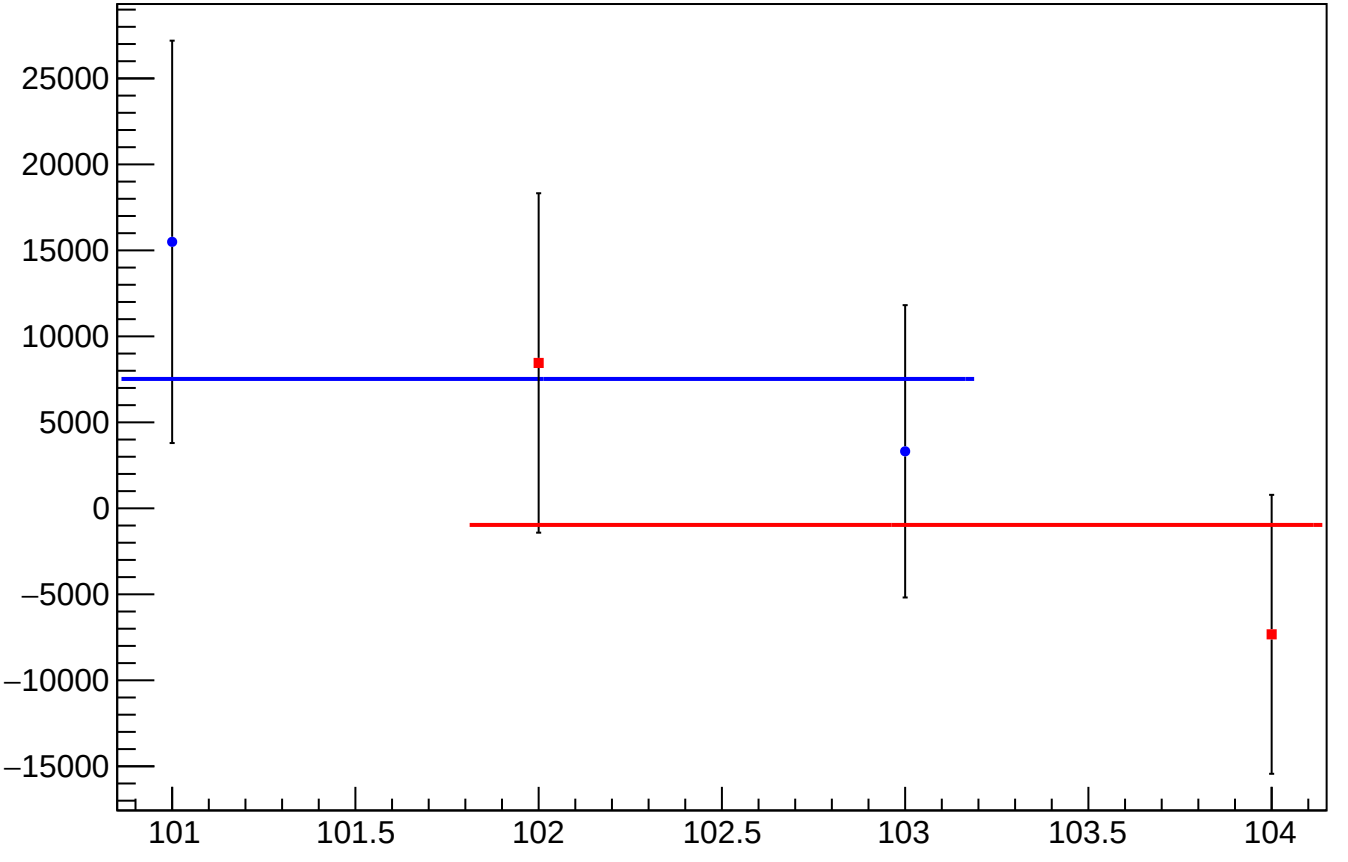
Right: 6366.574+/-3.098 χ^2/NDF: 149293.9/3

In: 6749.369+/-4.524 χ^2/NDF:81206.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6366.574+/-3.098 χ^2/NDF: 149293.9/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 7523.827+/-6876.355 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -964.918+/-6265.890 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

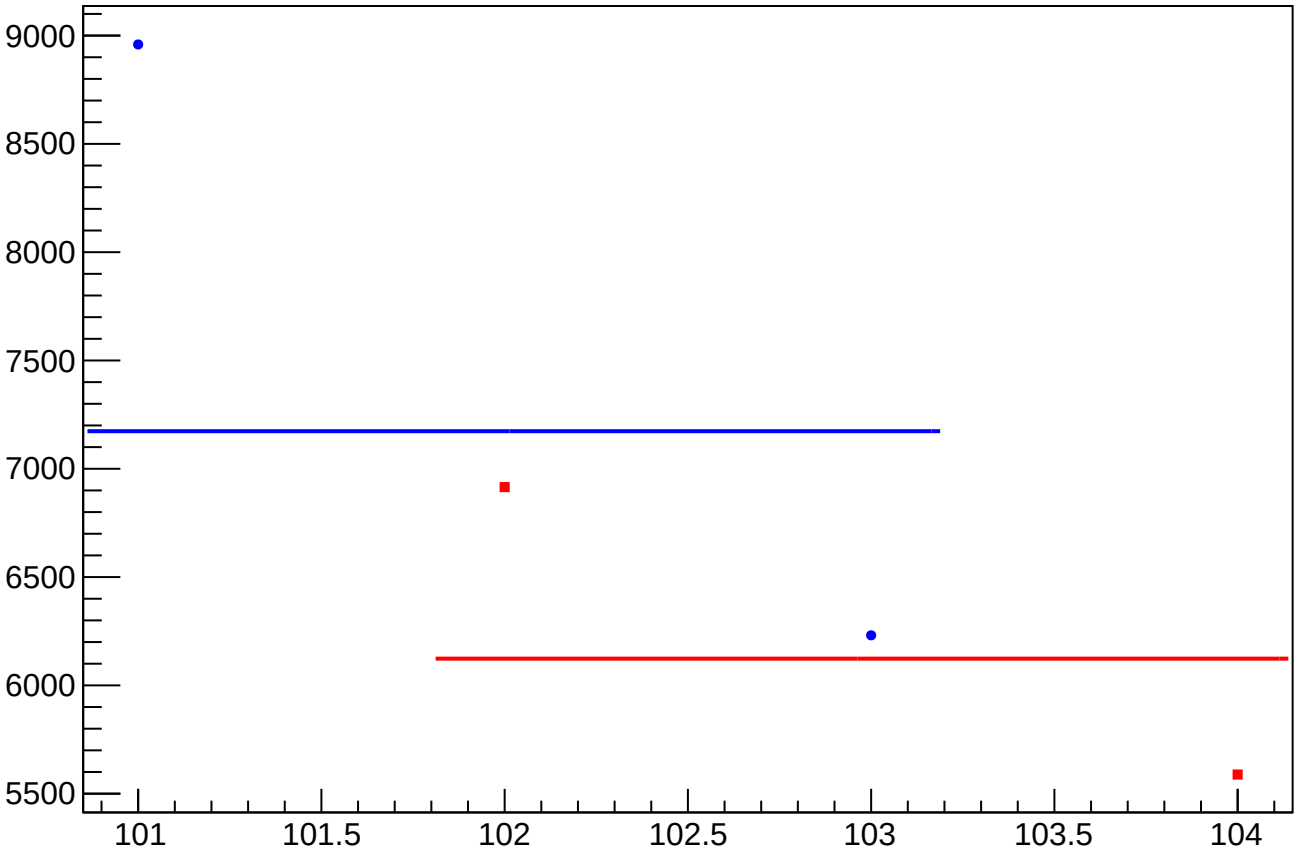
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2885.997+/-4631.466 χ^2/NDF: 3.1/3

In: 7523.827+/-6876.355 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2885.997+/-4631.466 χ^2/NDF: 3.1/3



Right In: 7173.517+/-4.862 χ^2/NDF: 71174.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6123.447+/-4.430 χ^2/NDF: 21596.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

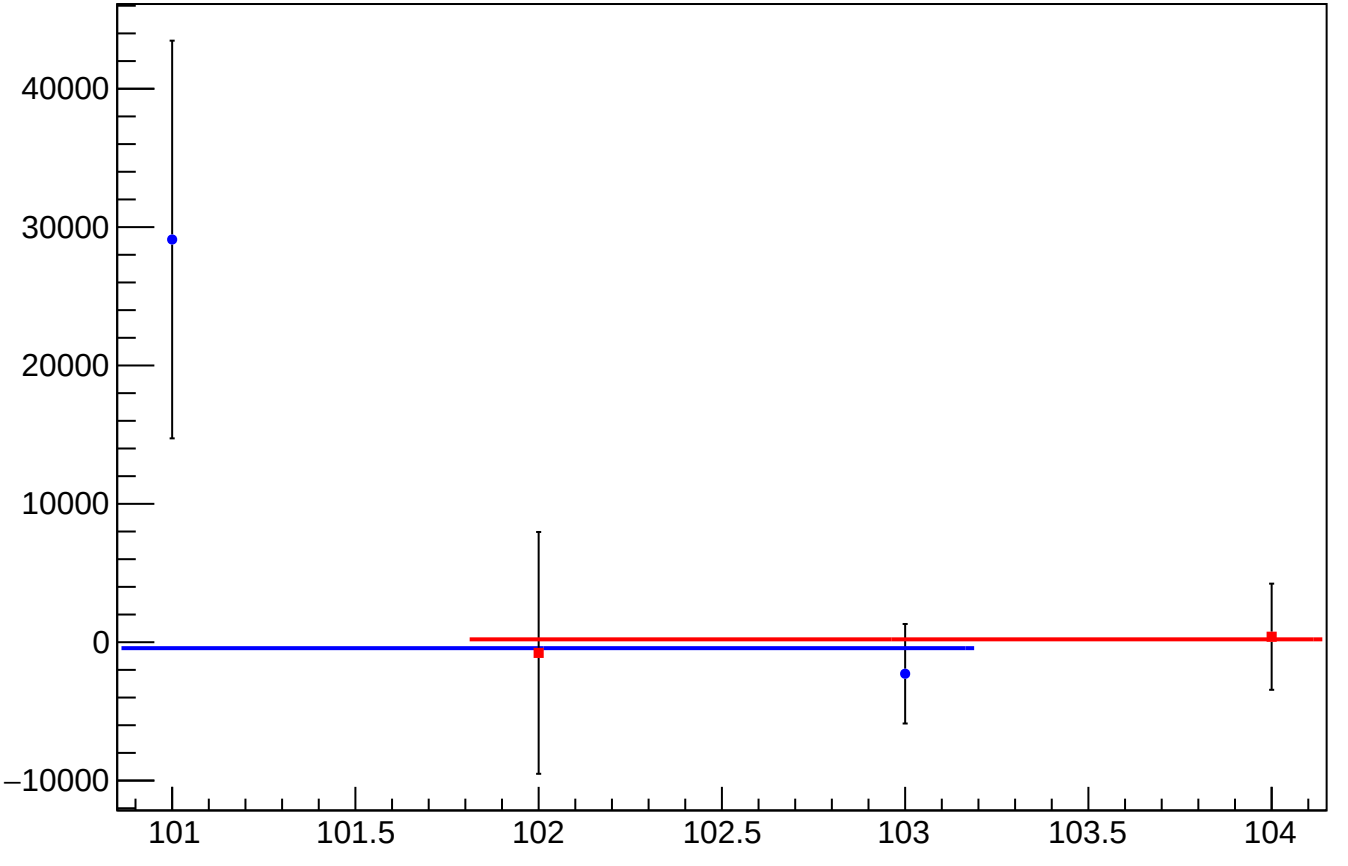
Right: 6599.749+/-3.275 χ^2/NDF: 118256.5/3

In: 7173.517+/-4.862 χ^2/NDF:71174.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6599.749+/-3.275 χ^2/NDF: 118256.5/3

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -430.210+/-3488.368 χ^2/NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 207.226+/-3512.519 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

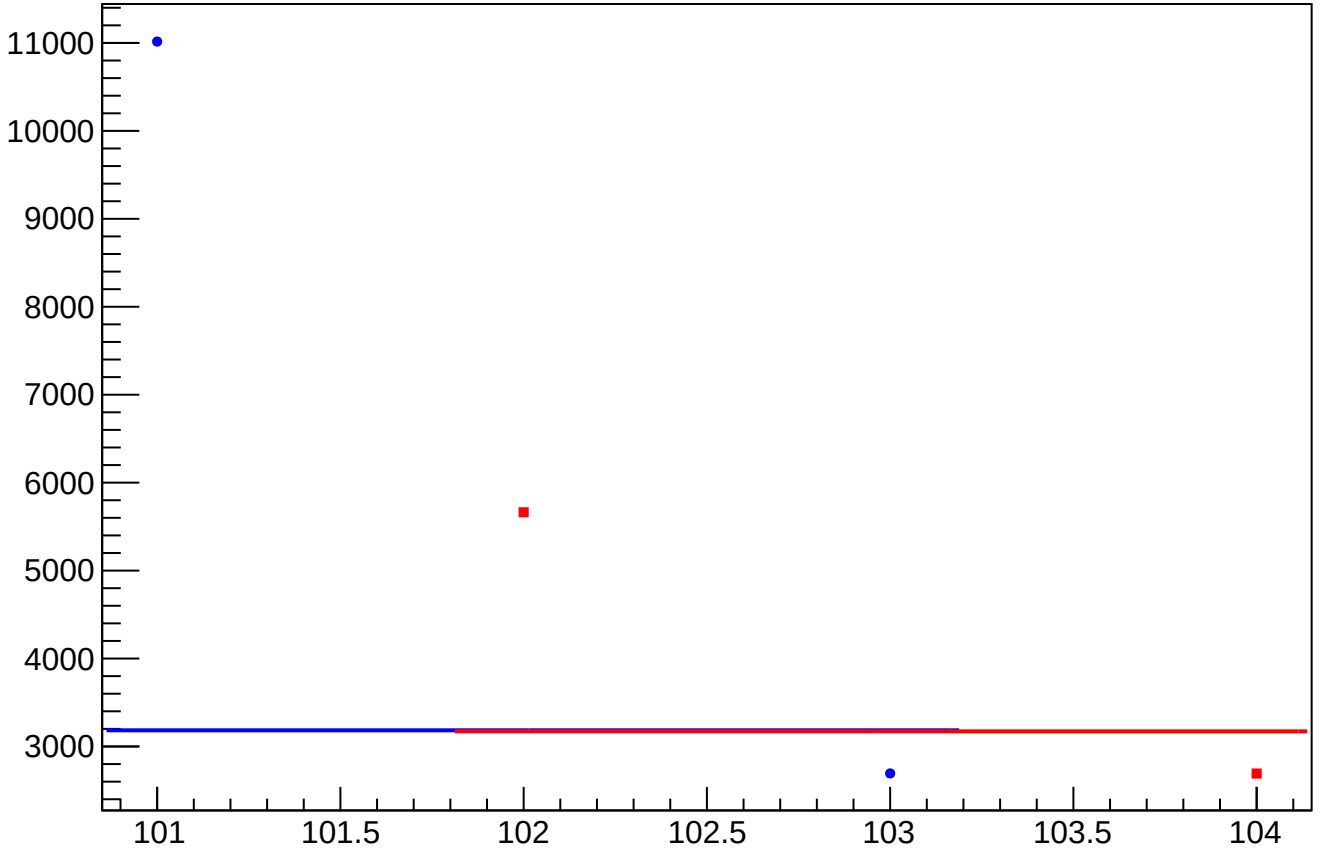
Right: -113.691+/-2475.143 χ^2/NDF: 4.5/3

In: -430.210+/-3488.368 χ^2/NDF:4.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -113.691+/-2475.143 χ^2/NDF: 4.5/3

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3184.086+/-2.467 χ^2/NDF: 631153.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3172.184+/-2.484 χ^2/NDF: 193865.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

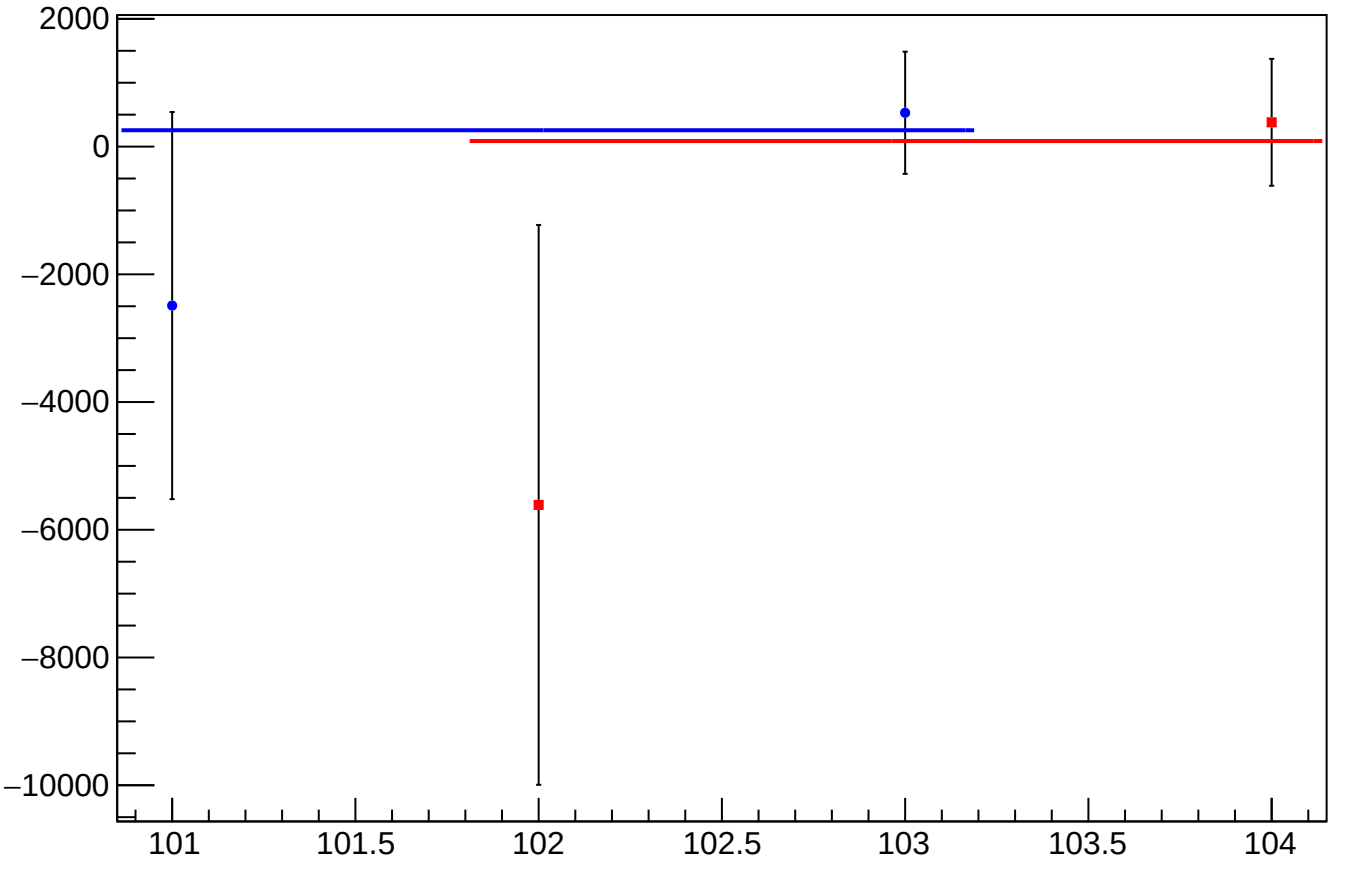
Right: 3178.176+/-1.750 χ^2/NDF: 825031.1/3

In: 3184.086+/-2.467 χ^2/NDF:631153.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3178.176+/-1.750 χ^2/NDF: 825031.1/3

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 256.091+/-912.377 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 87.256+/-969.084 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

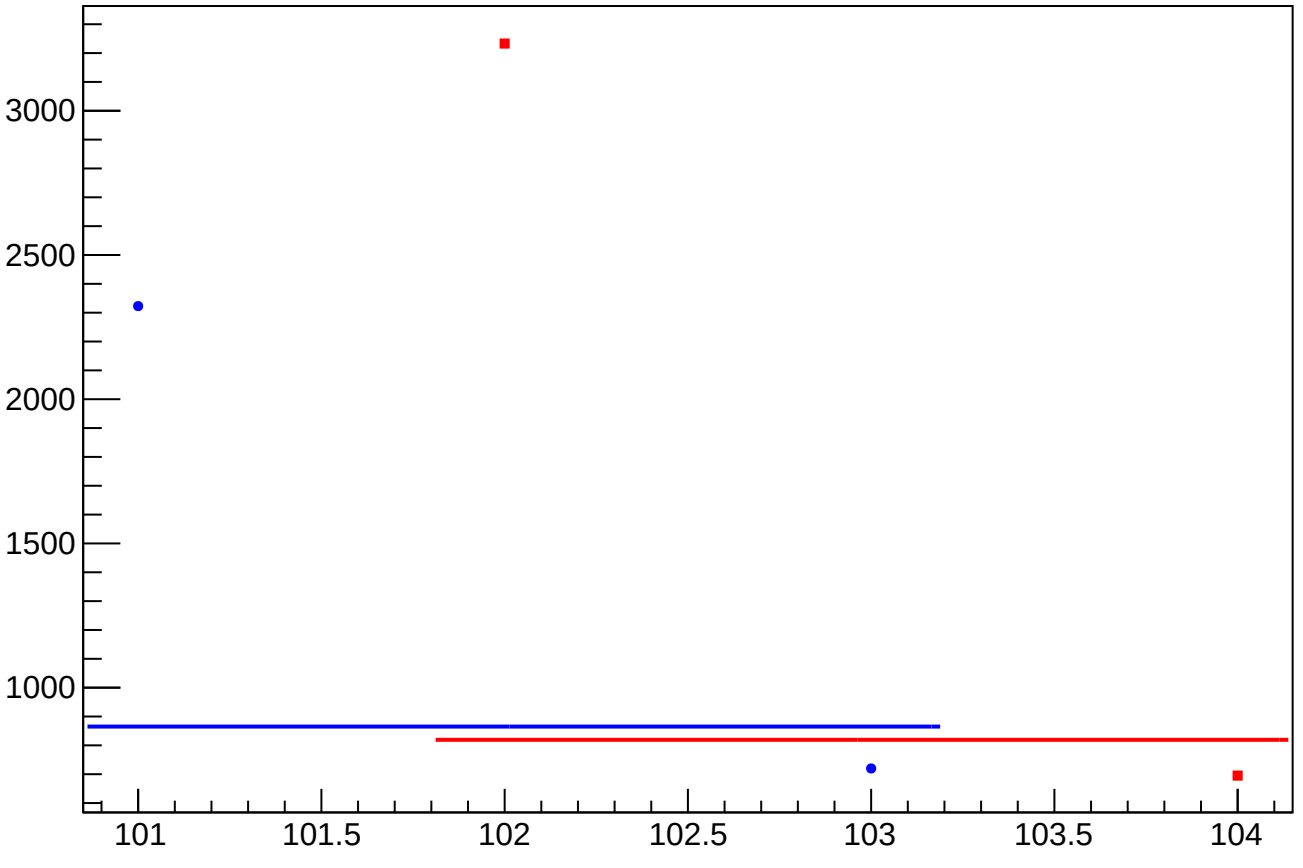
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 176.757+/-664.291 χ^2/NDF: 2.7/3

In: 256.091+/-912.377 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 176.757+/-664.291 χ^2/NDF: 2.7/3



Right In: 865.099+/-0.645 χ^2/NDF: 508695.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 819.213+/-0.685 χ^2/NDF: 637735.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

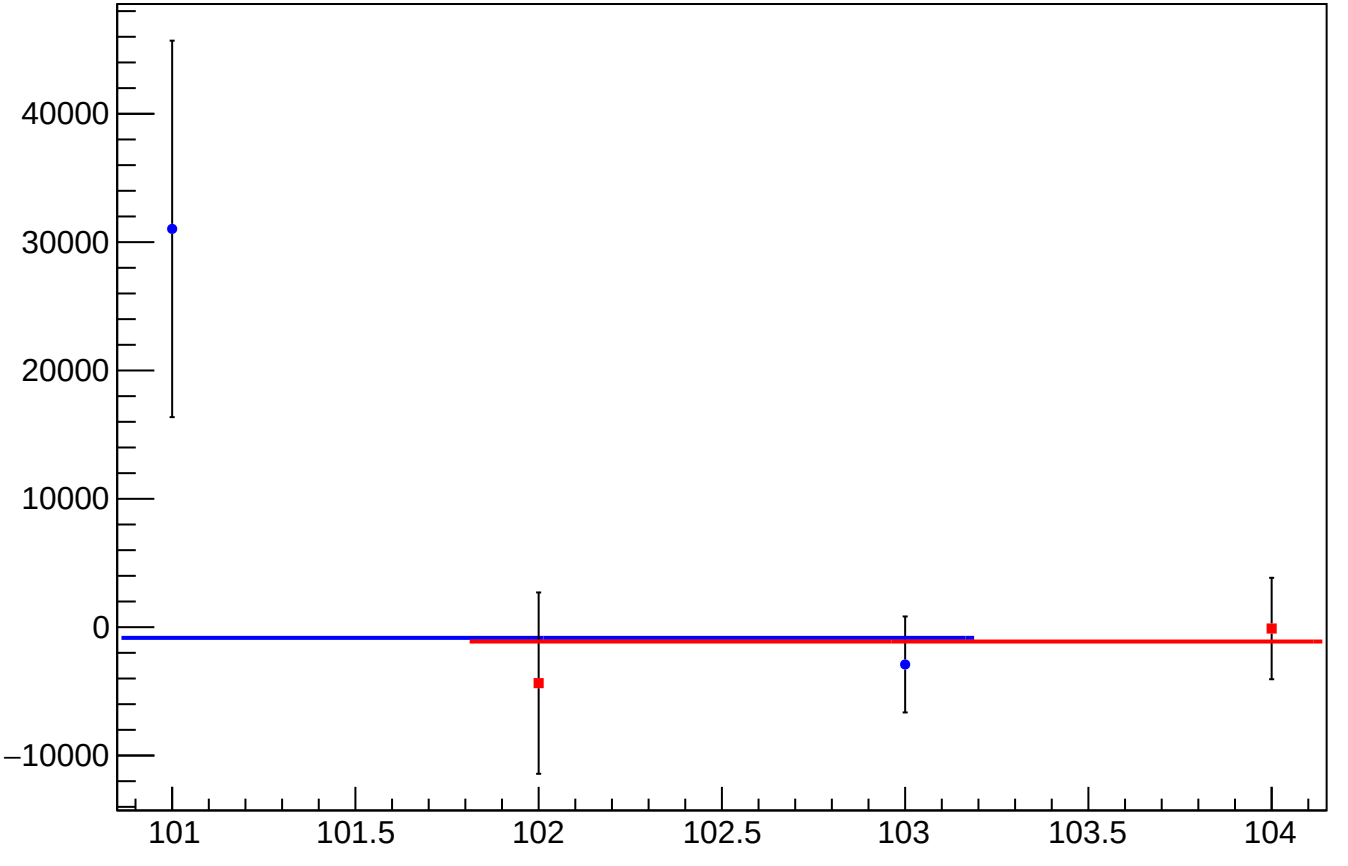
Right: 843.538+/-0.470 χ^2/NDF: 1148808.2/3

In: 865.099+/-0.645 χ^2/NDF:508695.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 843.538+/-0.470 χ^2/NDF: 1148808.2/3

asym_atr1_mean vs Slug, Sign Corrected



Right In: -833.409+/-3623.928 χ^2/NDF: 5.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1118.874+/-3448.765 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

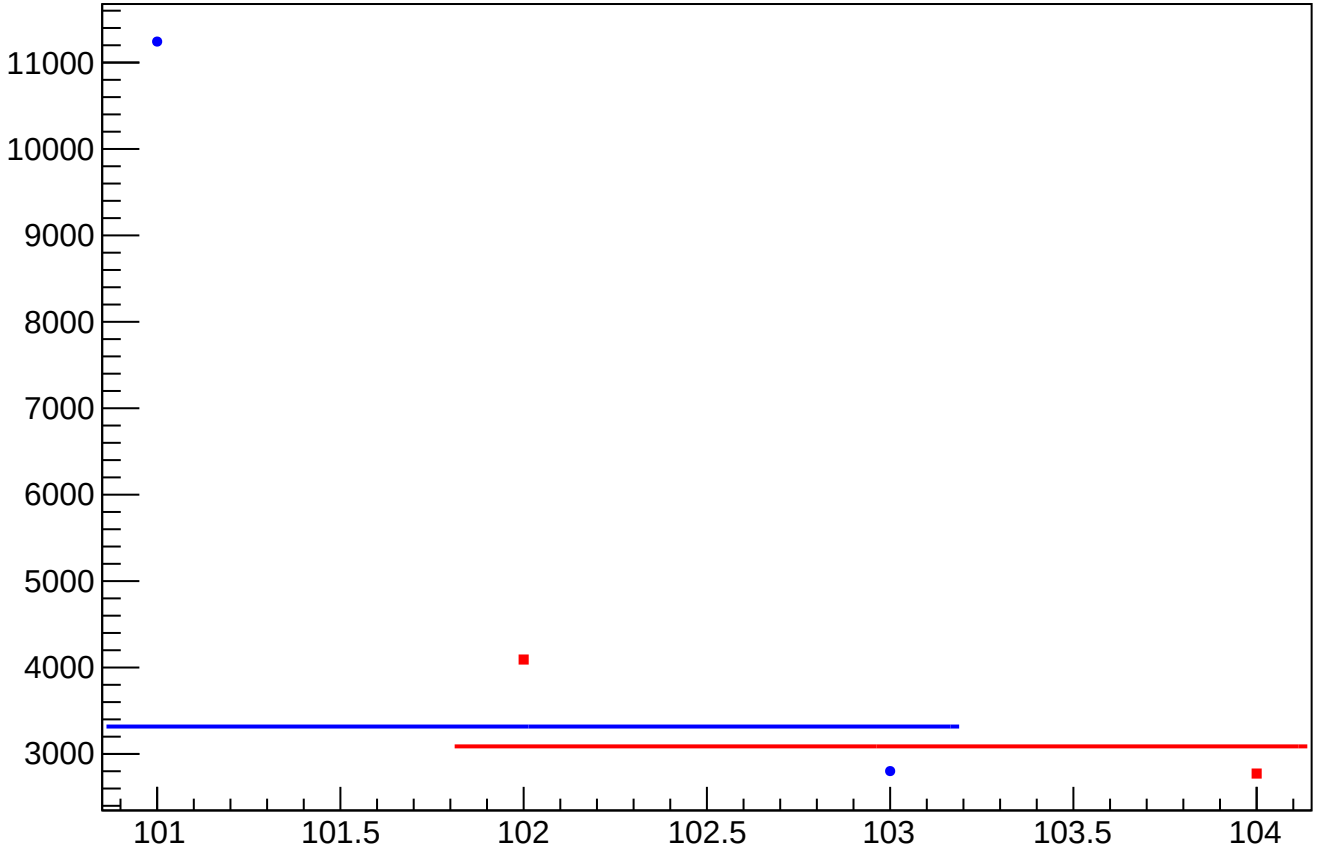
Right: -983.207+/-2498.275 χ^2/NDF: 5.3/3

In: -833.409+/-3623.928 χ^2/NDF:5.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -983.207+/-2498.275 χ^2/NDF: 5.3/3

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3317.186+/-2.563 χ^2/NDF: 622044.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3087.601+/-2.439 χ^2/NDF: 53133.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

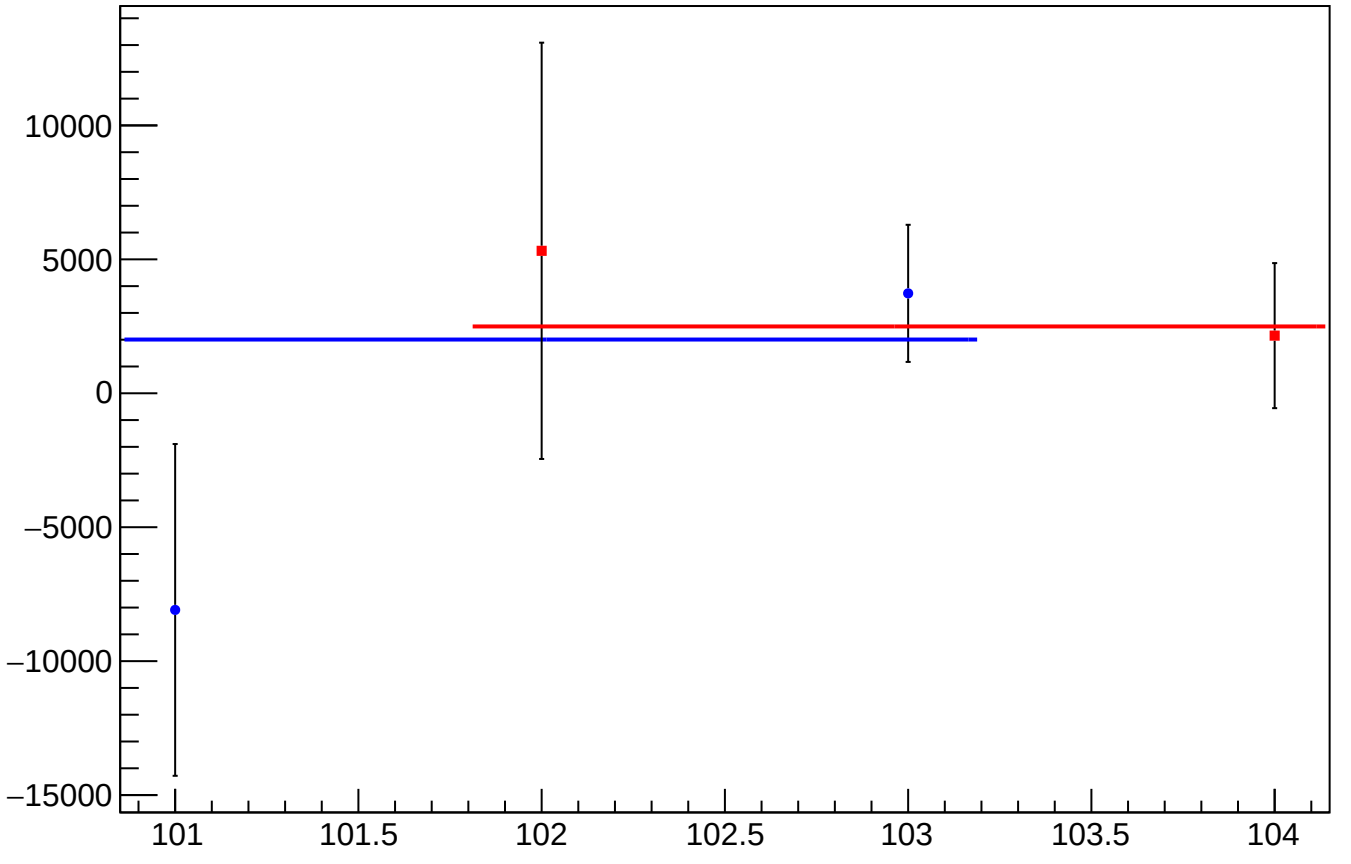
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3196.710+/-1.767 χ^2/NDF: 679390.0/3

In: 3317.186+/-2.563 χ^2/NDF:622044.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3196.710+/-1.767 χ^2/NDF: 679390.0/3



Right In: 2006.296+/-2365.411 χ^2/NDF: 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2494.976+/-2556.798 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

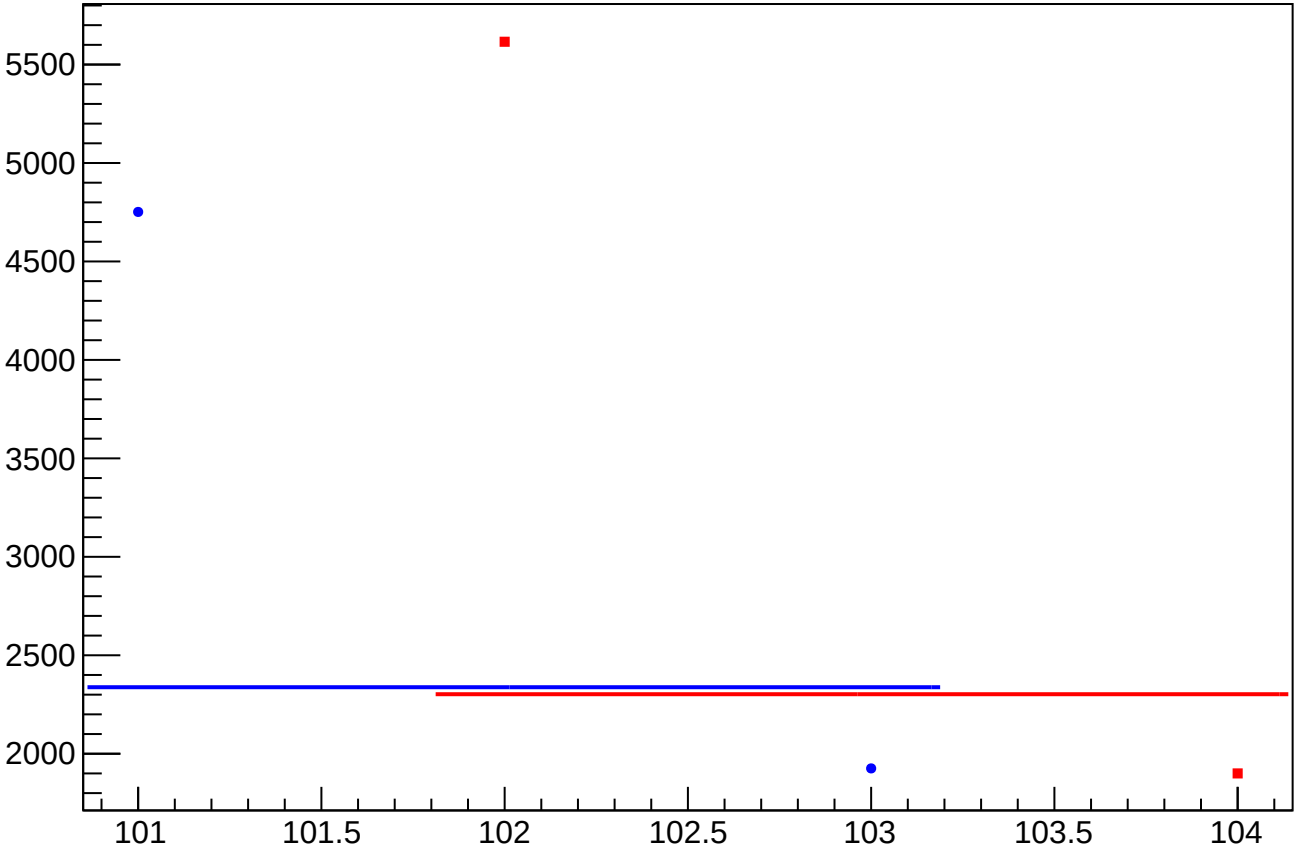
Right: 2231.664+/-1736.321 χ^2/NDF: 3.3/3

In: 2006.296+/-2365.411 χ^2/NDF:3.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2231.664+/-1736.321 χ^2/NDF: 3.3/3

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2337.788+/-1.673 χ^2/NDF: 355718.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2302.273+/-1.808 χ^2/NDF: 407788.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

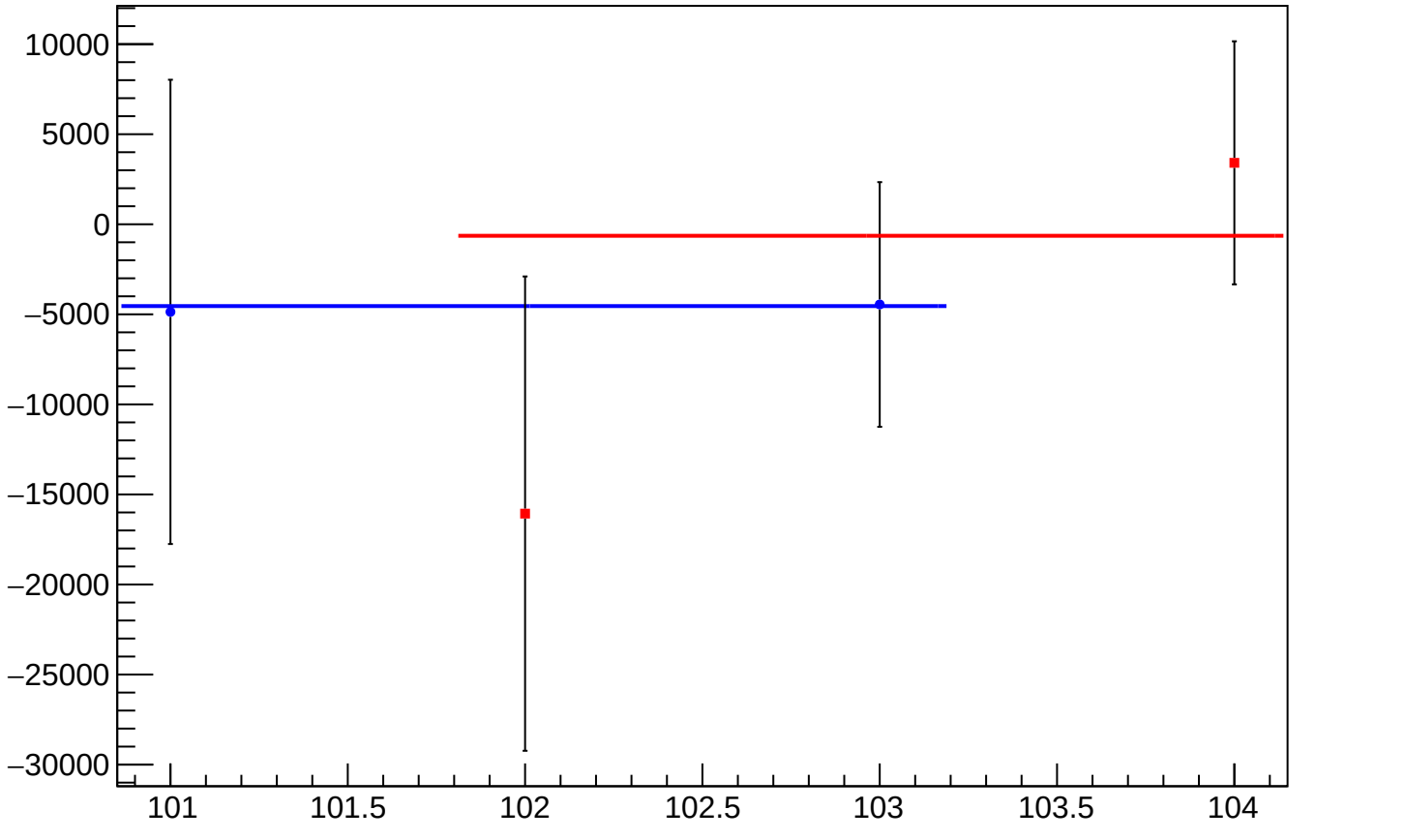
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2321.409+/-1.228 χ^2/NDF: 763715.1/3

In: 2337.788+/-1.673 χ^2/NDF:355718.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2321.409+/-1.228 χ^2/NDF: 763715.1/3



Right In: -4542.224+/-6008.431 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -639.207+/-6004.775 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

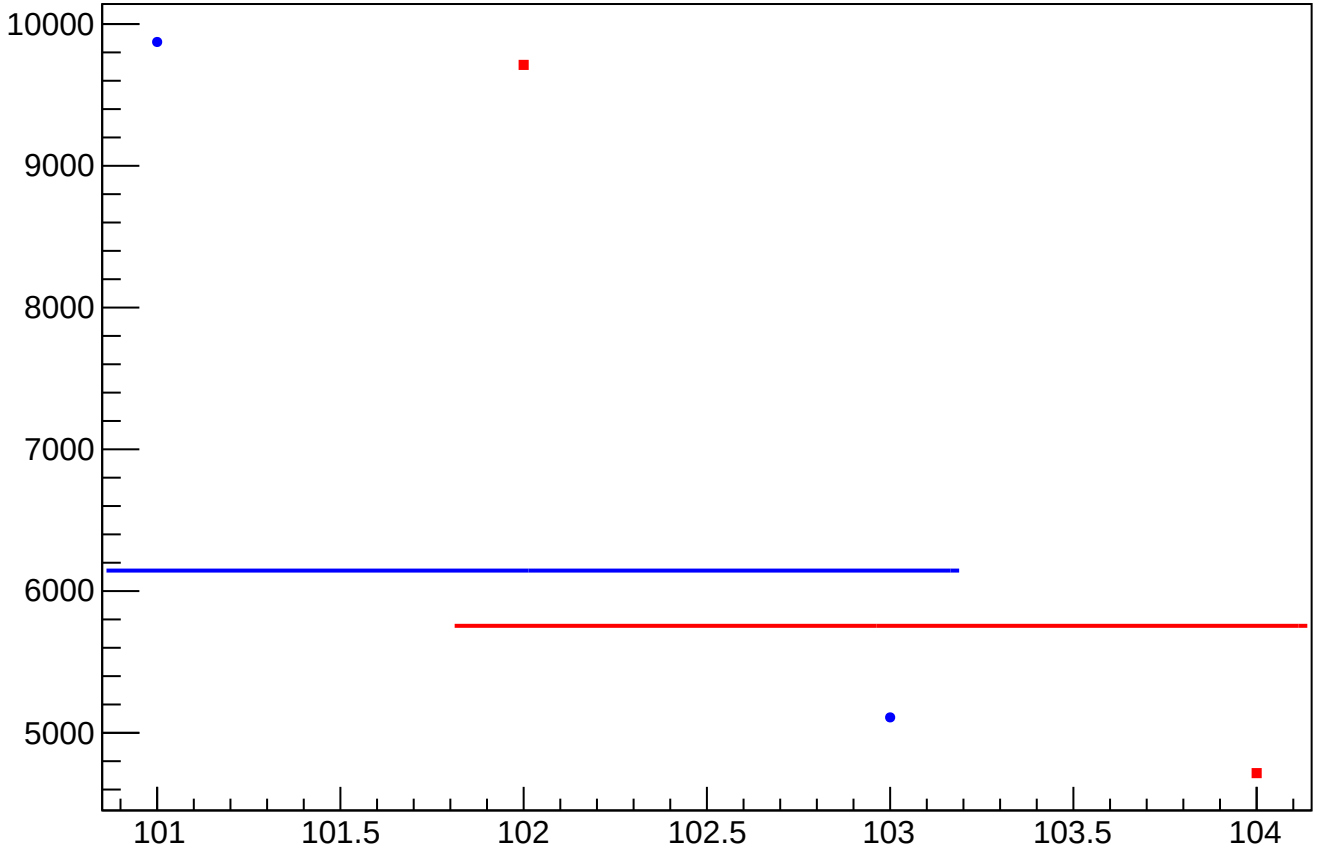
Right: -2589.528+/-4247.309 χ^2/NDF: 1.9/3

In: -4542.224+/-6008.431 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2589.528+/-4247.309 χ^2/NDF: 1.9/3

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 6144.613+/-4.249 χ^2/NDF: 213948.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5754.907+/-4.246 χ^2/NDF: 228059.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

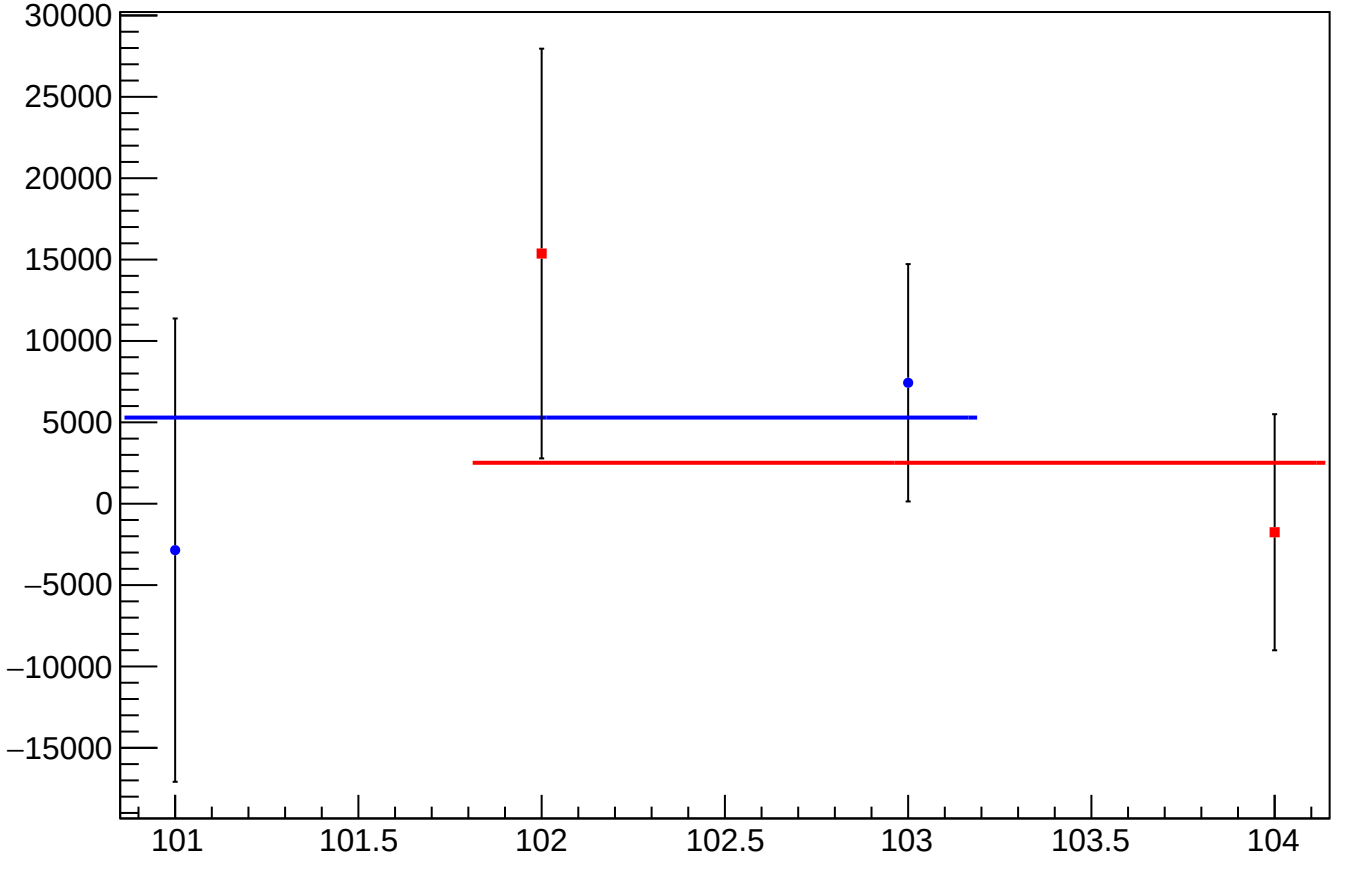
Right: 5949.641+/-3.003 χ^2/NDF: 446217.2/3

In: 6144.613+/-4.249 χ^2/NDF:213948.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5949.641+/-3.003 χ^2/NDF: 446217.2/3

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5292.989+/-6489.759 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2514.918+/-6284.411 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

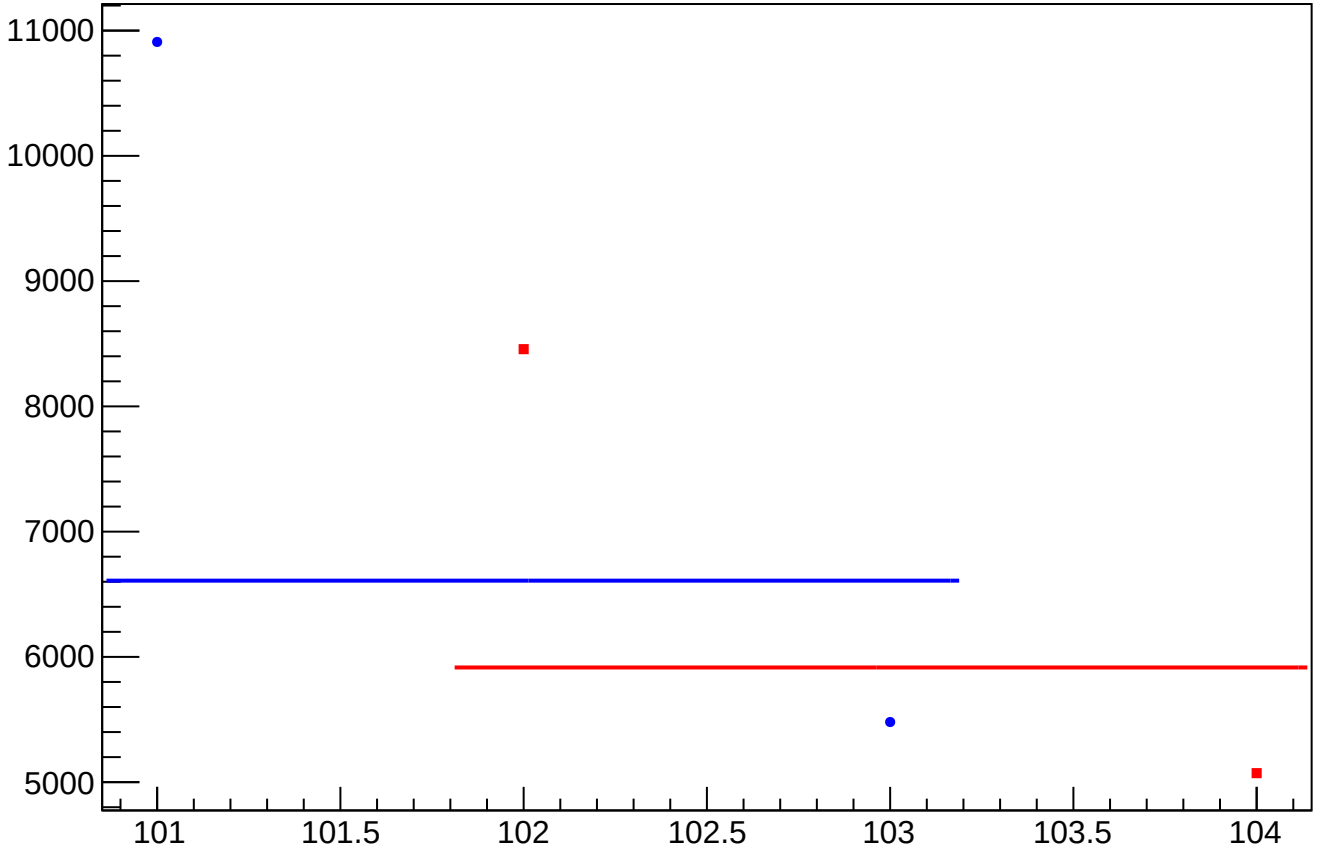
Right: 3859.306+/-4514.601 χ^2/NDF: 1.9/3

In: 5292.989+/-6489.759 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3859.306+/-4514.601 χ^2/NDF: 1.9/3

asym_atr2_rms vs Slug, Sign Corrected



Right In: 6608.714+/-4.589 χ^2/NDF: 230494.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5915.635+/-4.444 χ^2/NDF: 108576.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

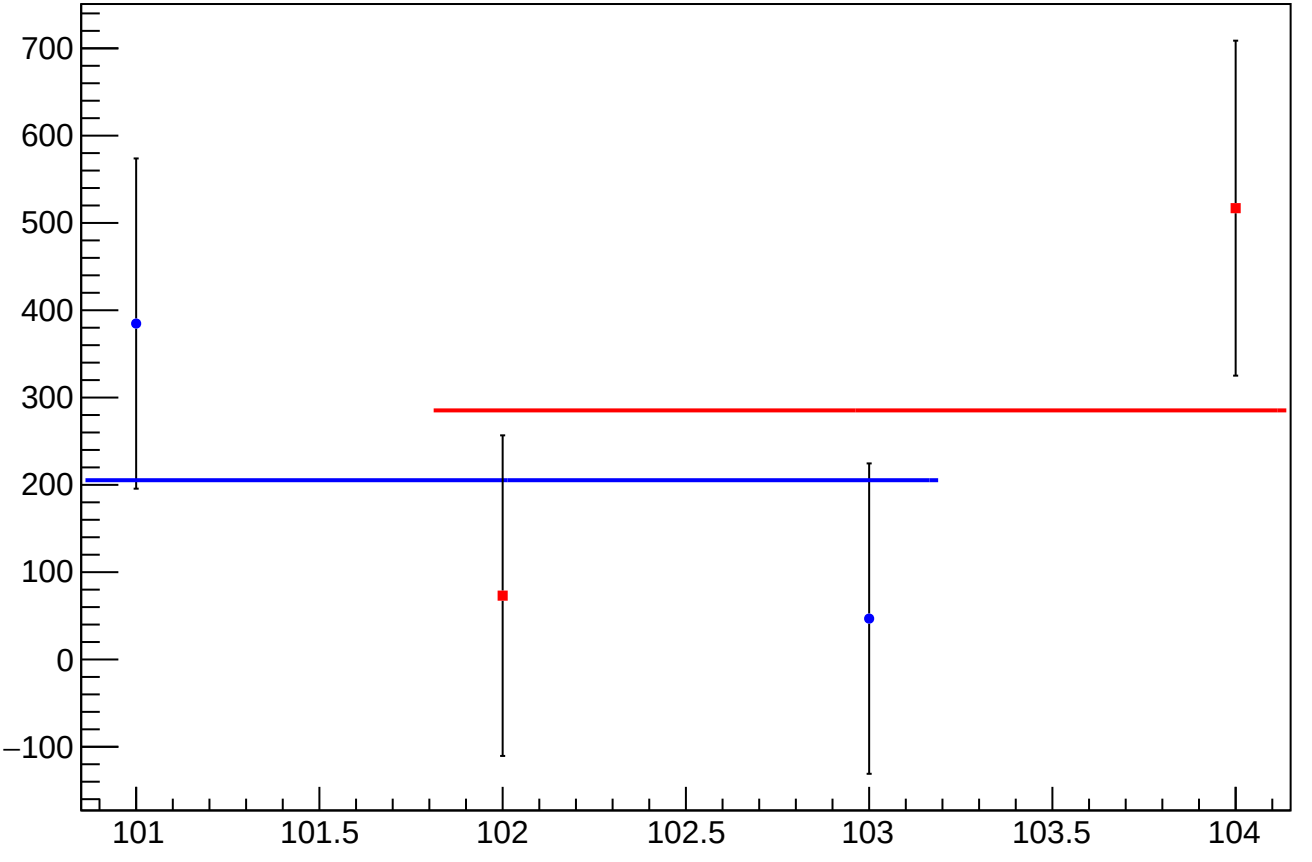
Right: 6251.035+/-3.192 χ^2/NDF: 350843.3/3

In: 6608.714+/-4.589 χ^2/NDF:230494.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6251.035+/-3.192 χ^2/NDF: 350843.3/3

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 205.336+/-129.524 χ^2/NDF: 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 285.295+/-132.641 χ^2/NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

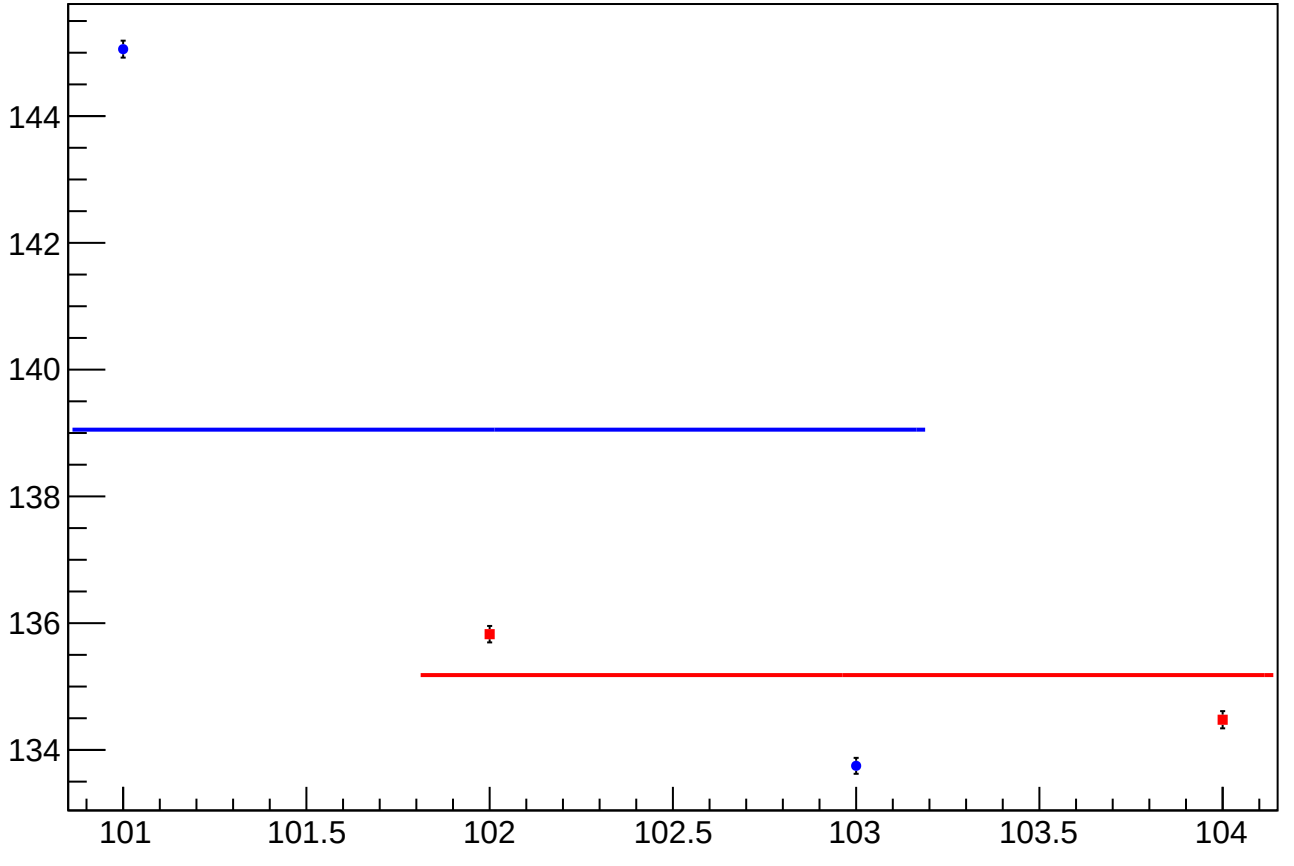
Right: 244.365+/-92.670 χ^2/NDF: 4.7/3

In: 205.336+/-129.524 χ^2/NDF:1.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 244.365+/-92.670 χ^2/NDF: 4.7/3

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 139.053+/-0.092 χ^2/NDF: 3795.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 135.181+/-0.094 χ^2/NDF: 51.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

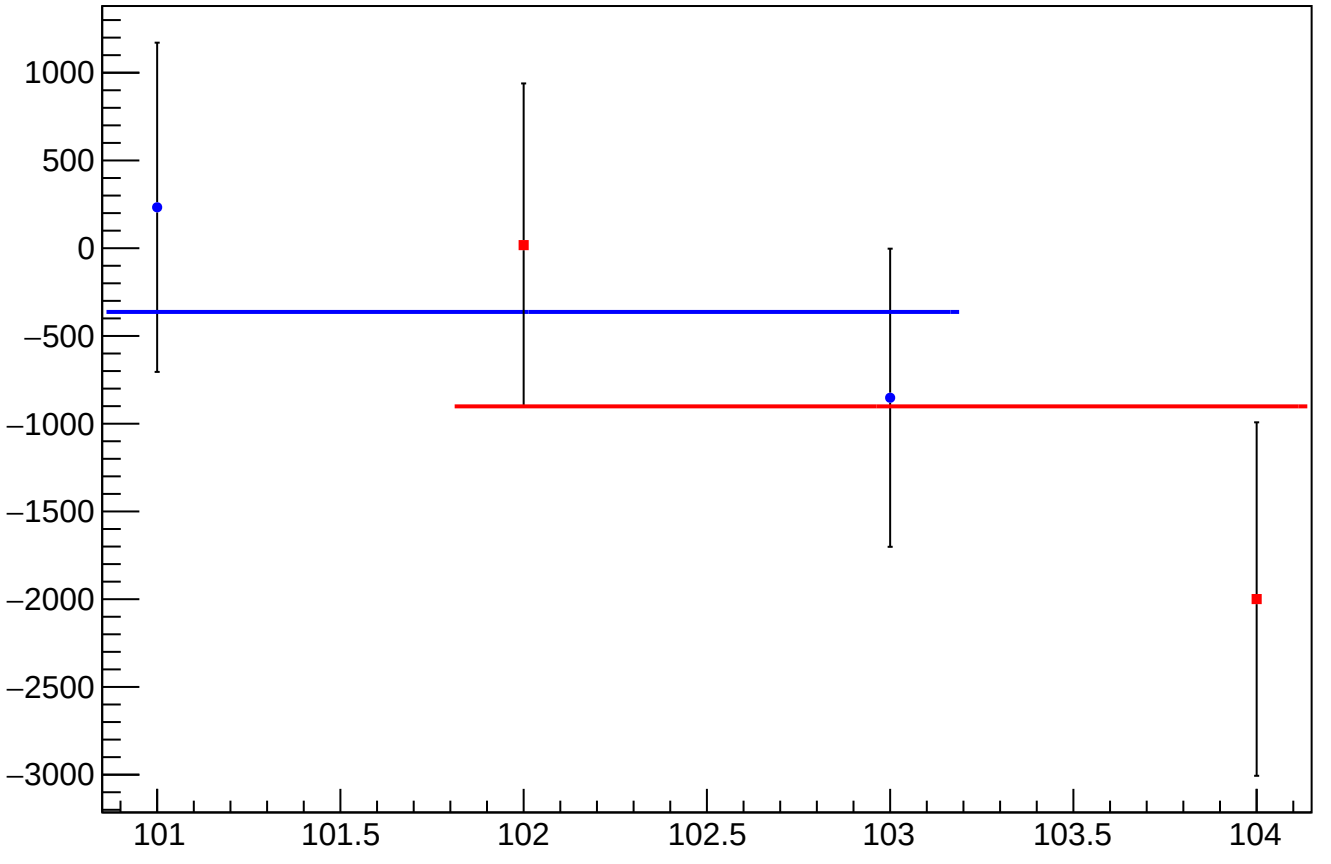
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 137.163+/-0.066 χ^2/NDF: 4719.8/3

In: 139.053+/-0.092 χ^2/NDF:3795.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 137.163+/-0.066 χ^2/NDF: 4719.8/3



Right In: -363.120+/-629.631 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -901.192+/-679.758 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

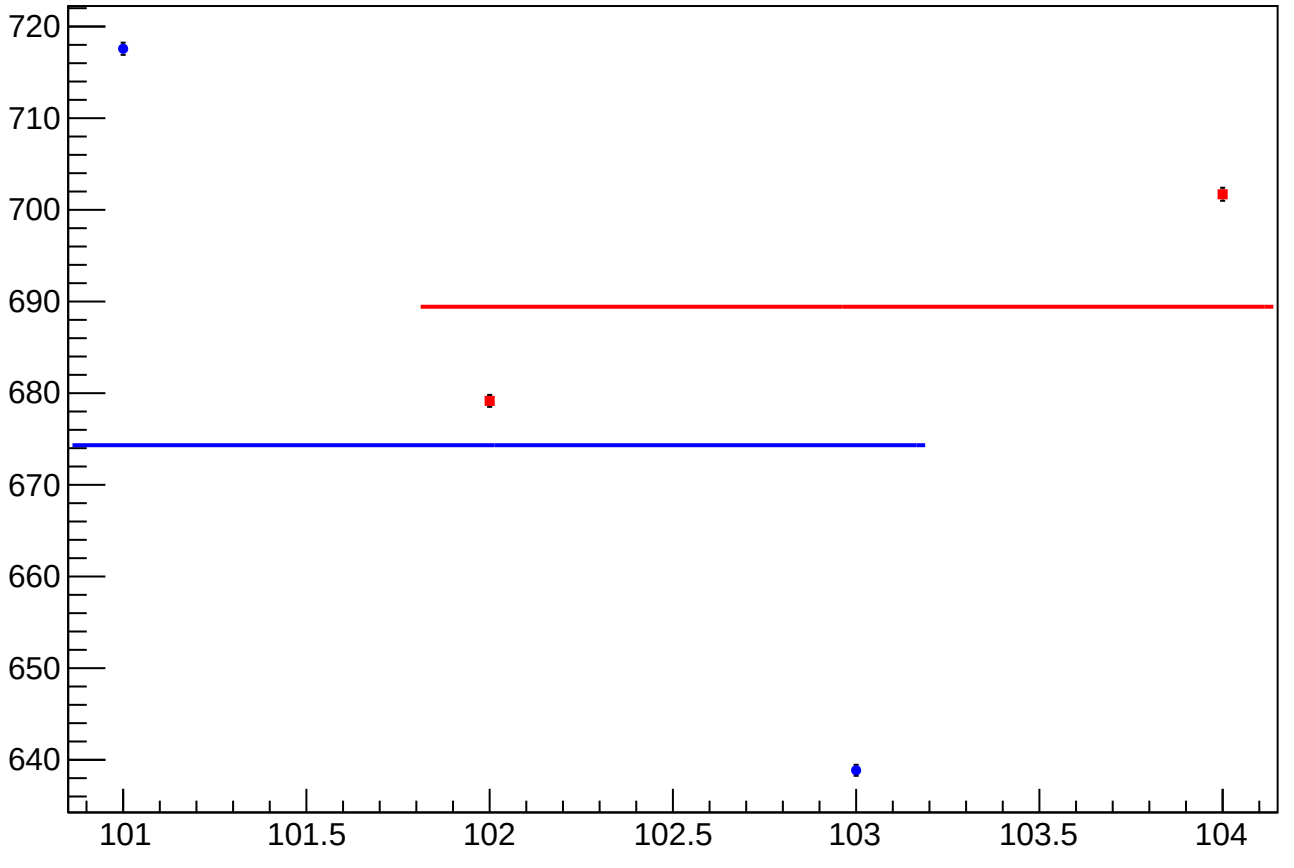
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -611.587+/-461.922 χ^2/NDF: 3.3/3

In: -363.120+/-629.631 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -611.587+/-461.922 χ^2/NDF: 3.3/3



Right In: 674.324+/-0.445 χ^2/NDF: 7738.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 689.429+/-0.481 χ^2/NDF: 545.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

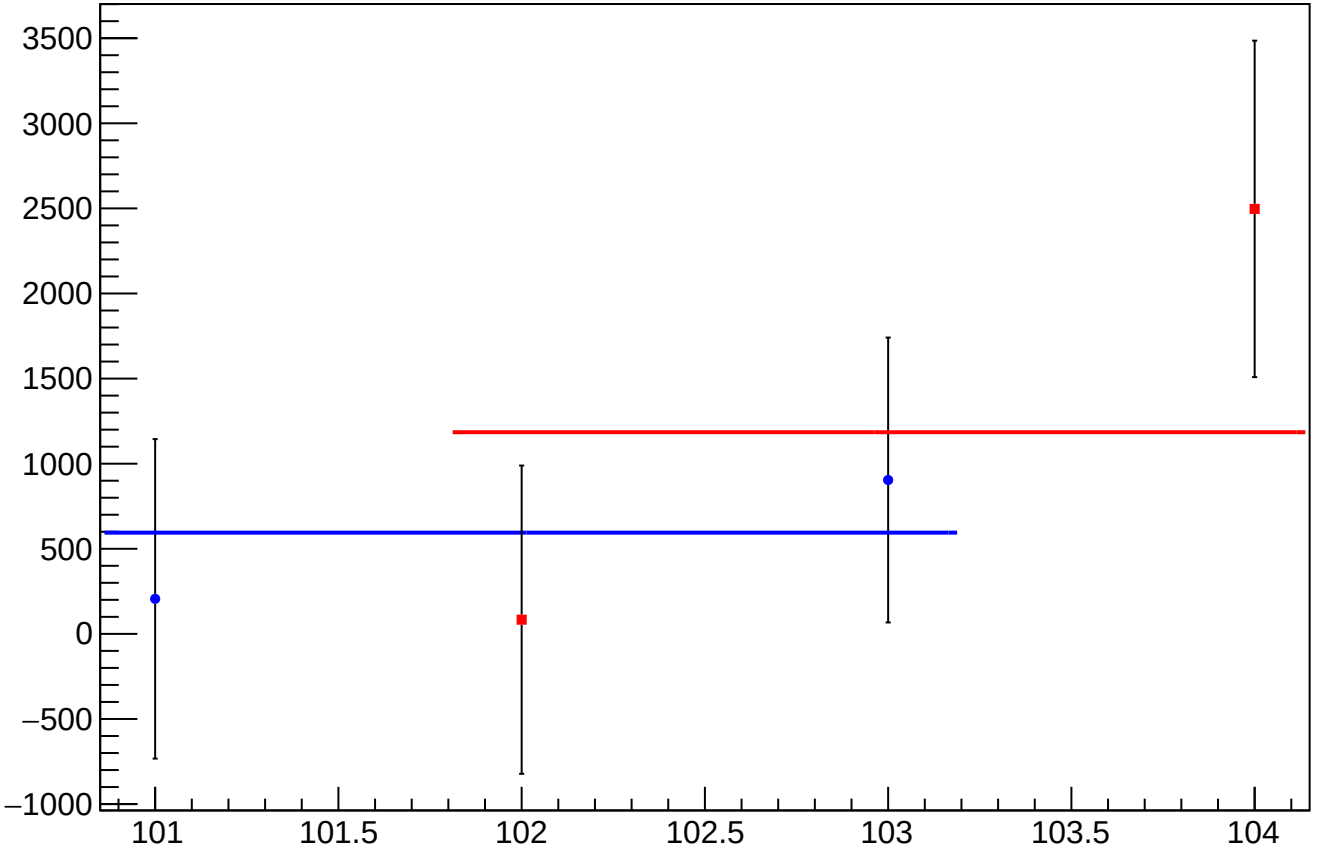
Right: 681.299+/-0.327 χ^2/NDF: 8815.6/3

In: 674.324+/-0.445 χ^2/NDF:7738.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 681.299+/-0.327 χ^2/NDF: 8815.6/3

asym_sam1_mean vs Slug, Sign Corrected



Right In: 594.819+/-624.724 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1184.824+/-667.720 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

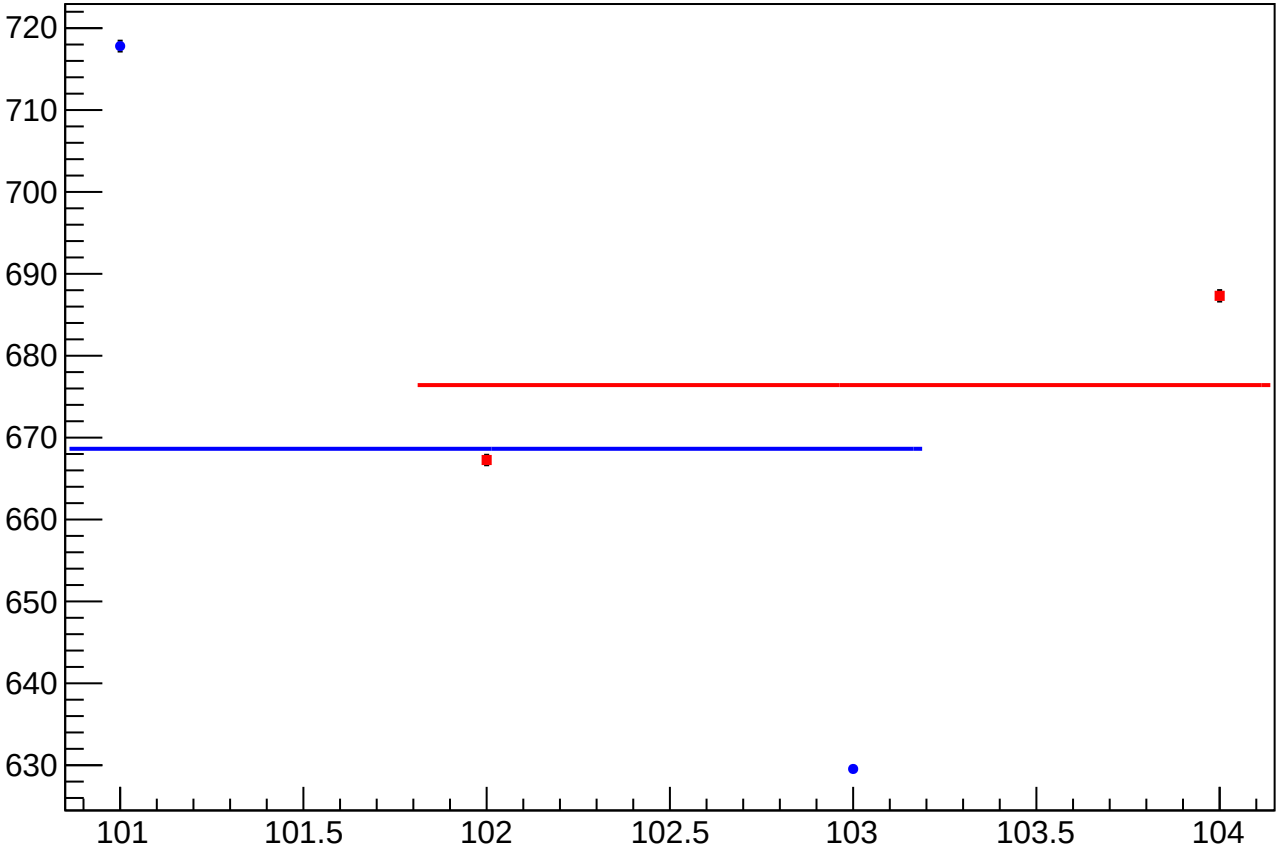
Right: 870.216+/-456.190 χ^2/NDF: 4.0/3

In: 594.819+/-624.724 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 870.216+/-456.190 χ^2/NDF: 4.0/3

asym_sam1_rms vs Slug, Sign Corrected



Right In: 668.636+/-0.442 χ^2/NDF: 9850.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 676.416+/-0.472 χ^2/NDF: 447.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

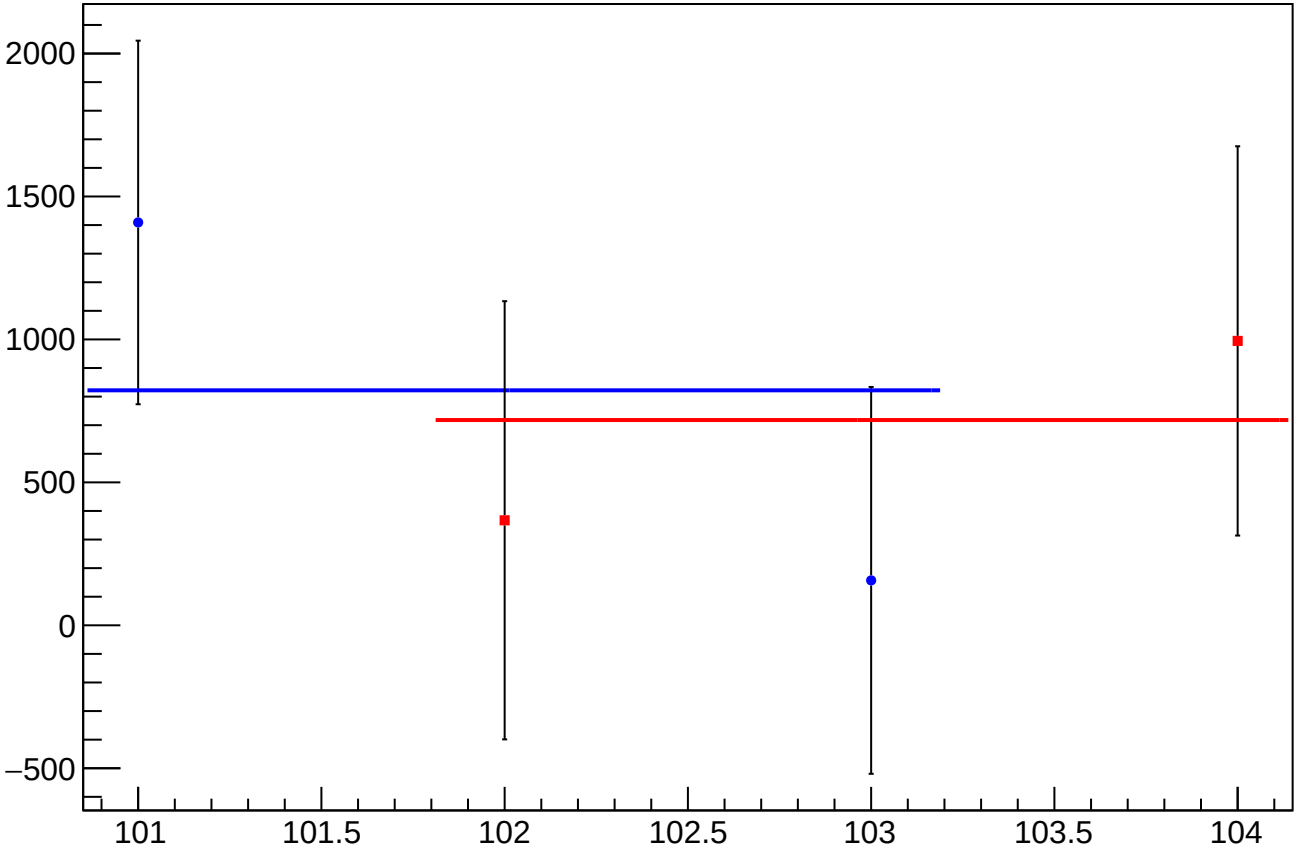
Right: 672.268+/-0.323 χ^2/NDF: 10442.5/3

In: 668.636+/-0.442 χ^2/NDF:9850.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 672.268+/-0.323 χ^2/NDF: 10442.5/3

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 821.965+/-463.353 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 718.055+/-509.000 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

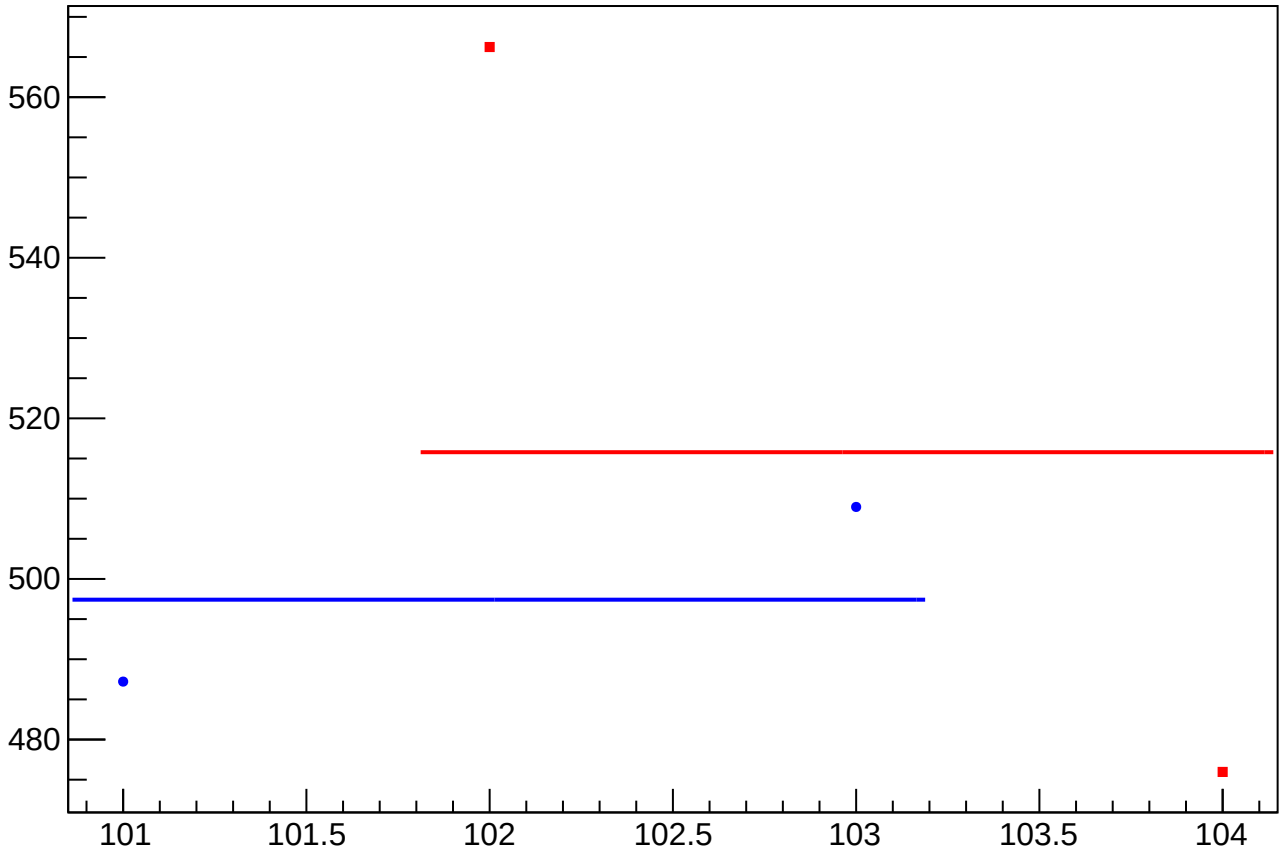
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 774.877+/-342.644 χ^2/NDF: 2.2/3

In: 821.965+/-463.353 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 774.877+/-342.644 χ^2/NDF: 2.2/3



Right In: 497.418+/-0.328 χ^2/NDF: 1097.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 515.786+/-0.360 χ^2/NDF: 15511.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

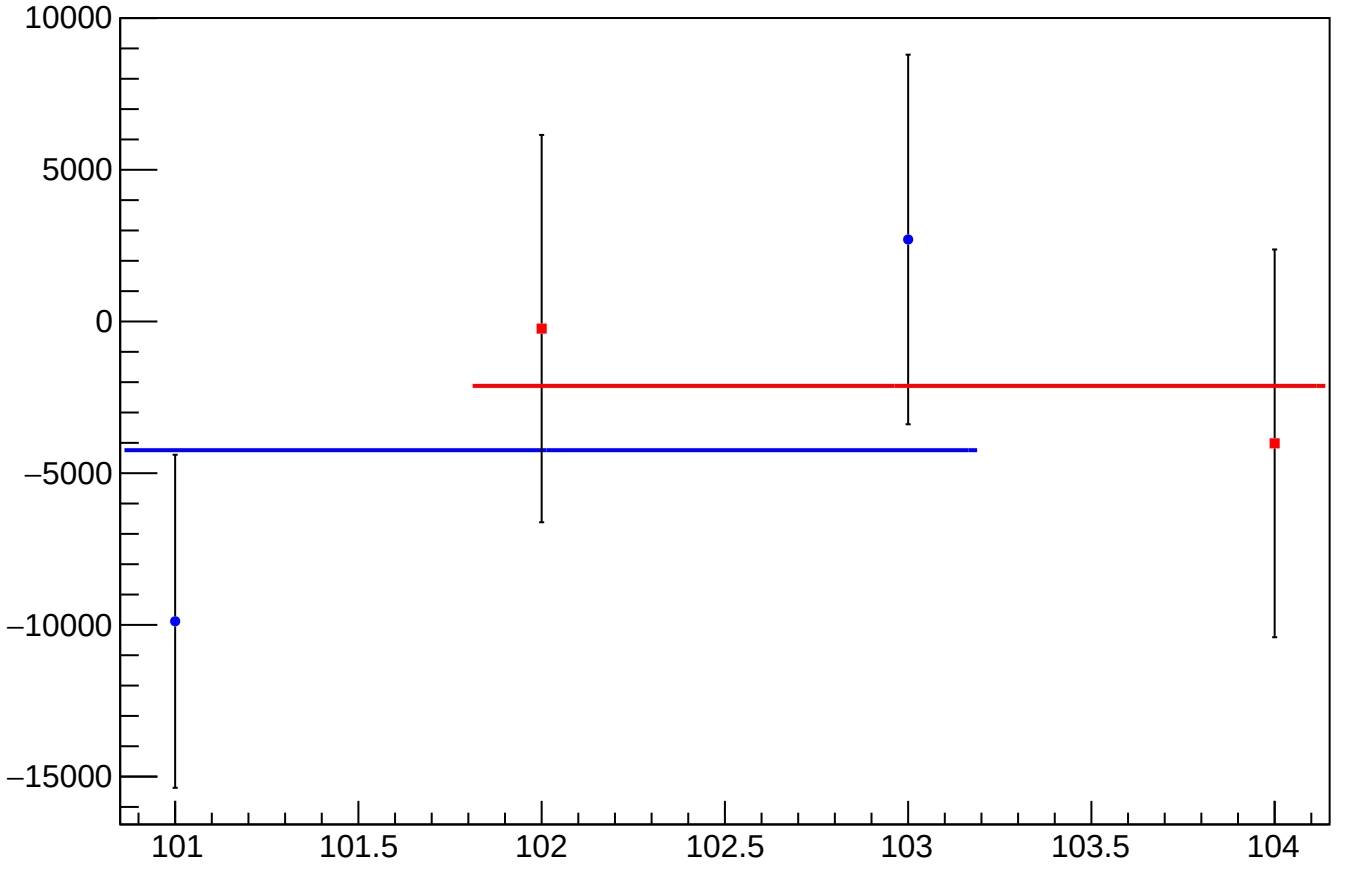
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 505.741+/-0.242 χ^2/NDF: 18033.3/3

In: 497.418+/-0.328 χ^2/NDF:1097.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 505.741+/-0.242 χ^2/NDF: 18033.3/3



Right In: -4241.852+/-4077.453 χ^2/NDF: 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2122.907+/-4516.330 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

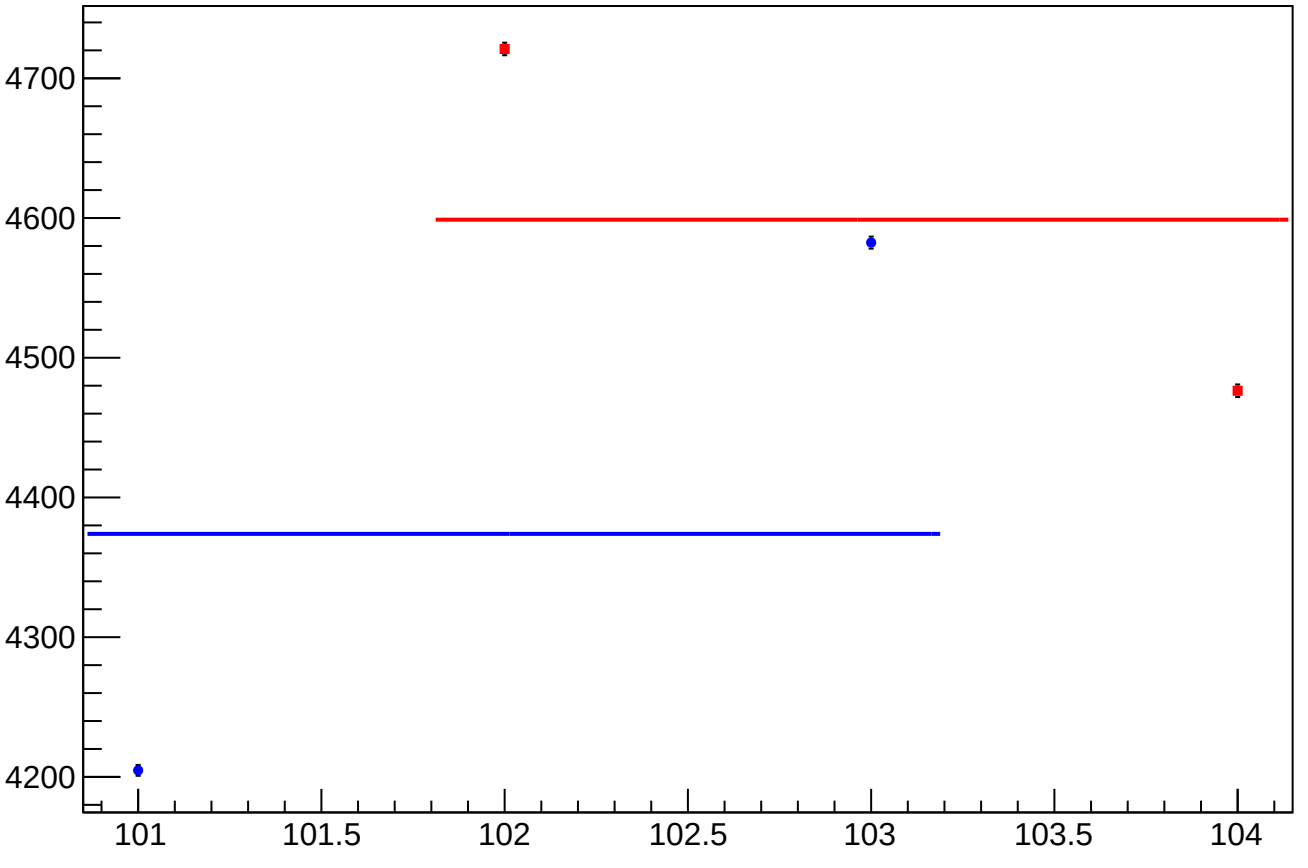
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3290.311+/-3026.493 χ^2/NDF: 2.7/3

In: -4241.852+/-4077.453 χ^2/NDF:2.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3290.311+/-3026.493 χ^2/NDF: 2.7/3



Right In: 4373.938+/-2.883 χ^2/NDF: 4244.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4598.817+/-3.194 χ^2/NDF: 1466.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

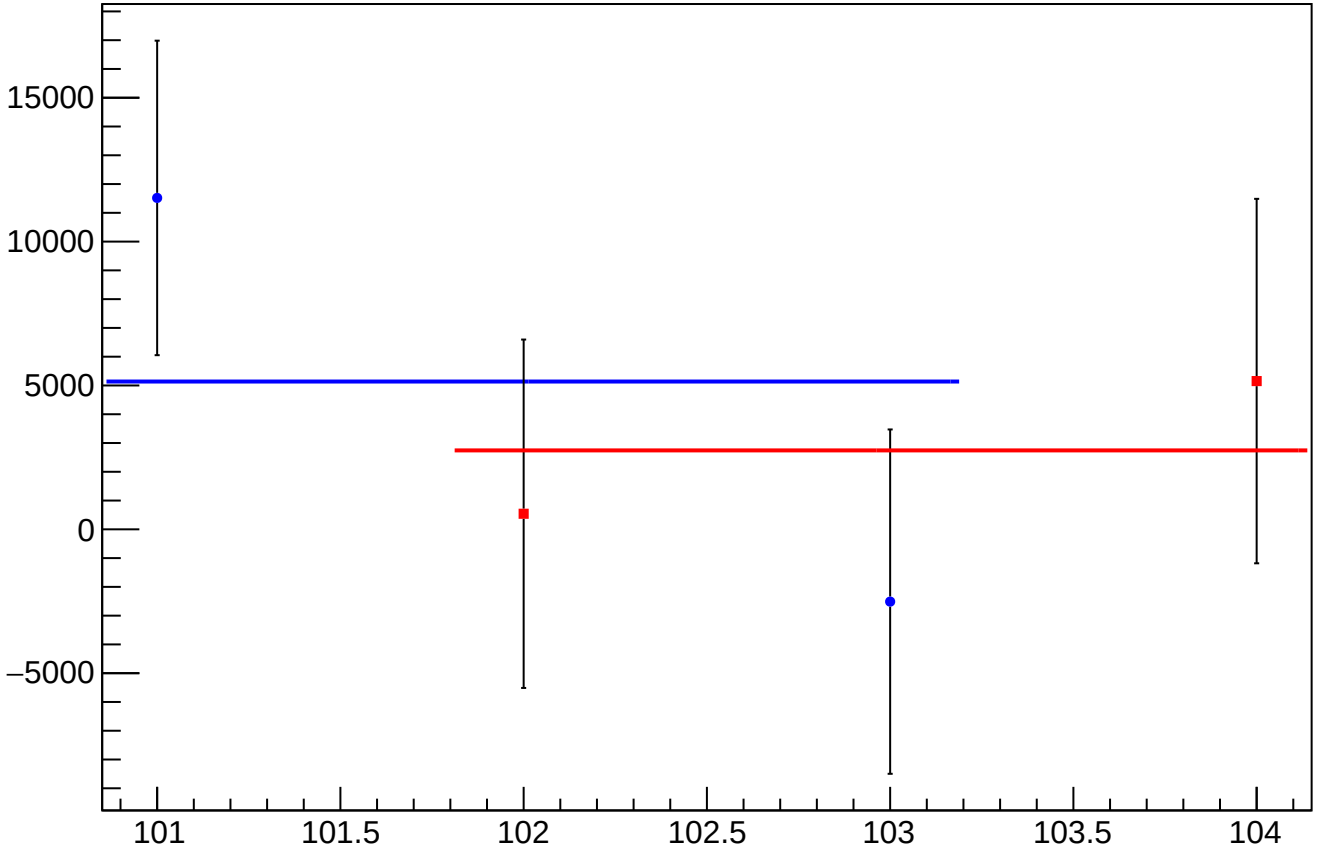
Right: 4474.923+/-2.140 χ^2/NDF: 8443.4/3

In: 4373.938+/-2.883 χ^2/NDF:4244.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4474.923+/-2.140 χ^2/NDF: 8443.4/3

asym_sam2_mean vs Slug, Sign Corrected



Right In: 5136.755+/-4035.442 χ^2/NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2743.087+/-4376.346 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

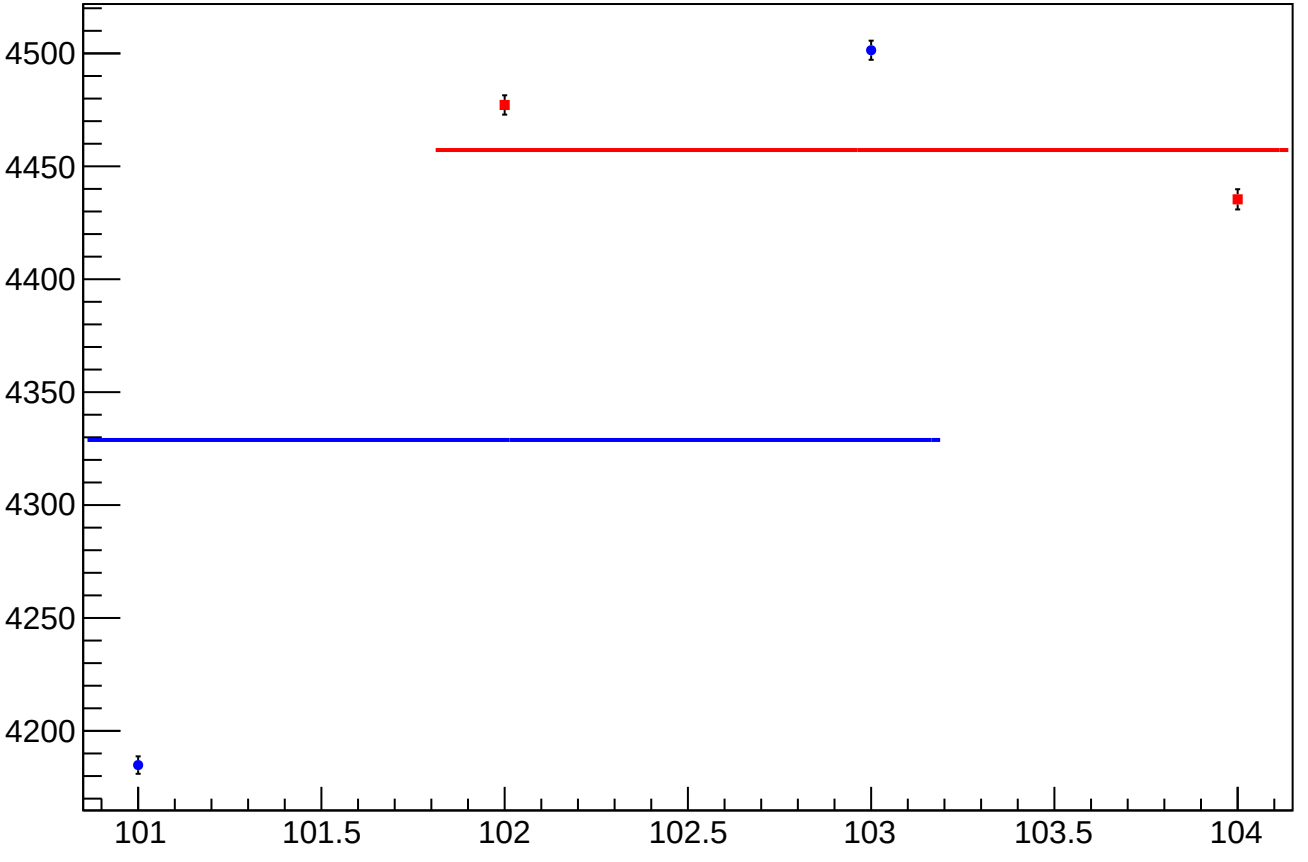
Right: 4036.770+/-2966.696 χ^2/NDF: 3.4/3

In: 5136.755+/-4035.442 χ^2/NDF:3.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4036.770+/-2966.696 χ^2/NDF: 3.4/3

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4328.829+/-2.853 χ^2/NDF: 3051.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4457.218+/-3.095 χ^2/NDF: 45.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

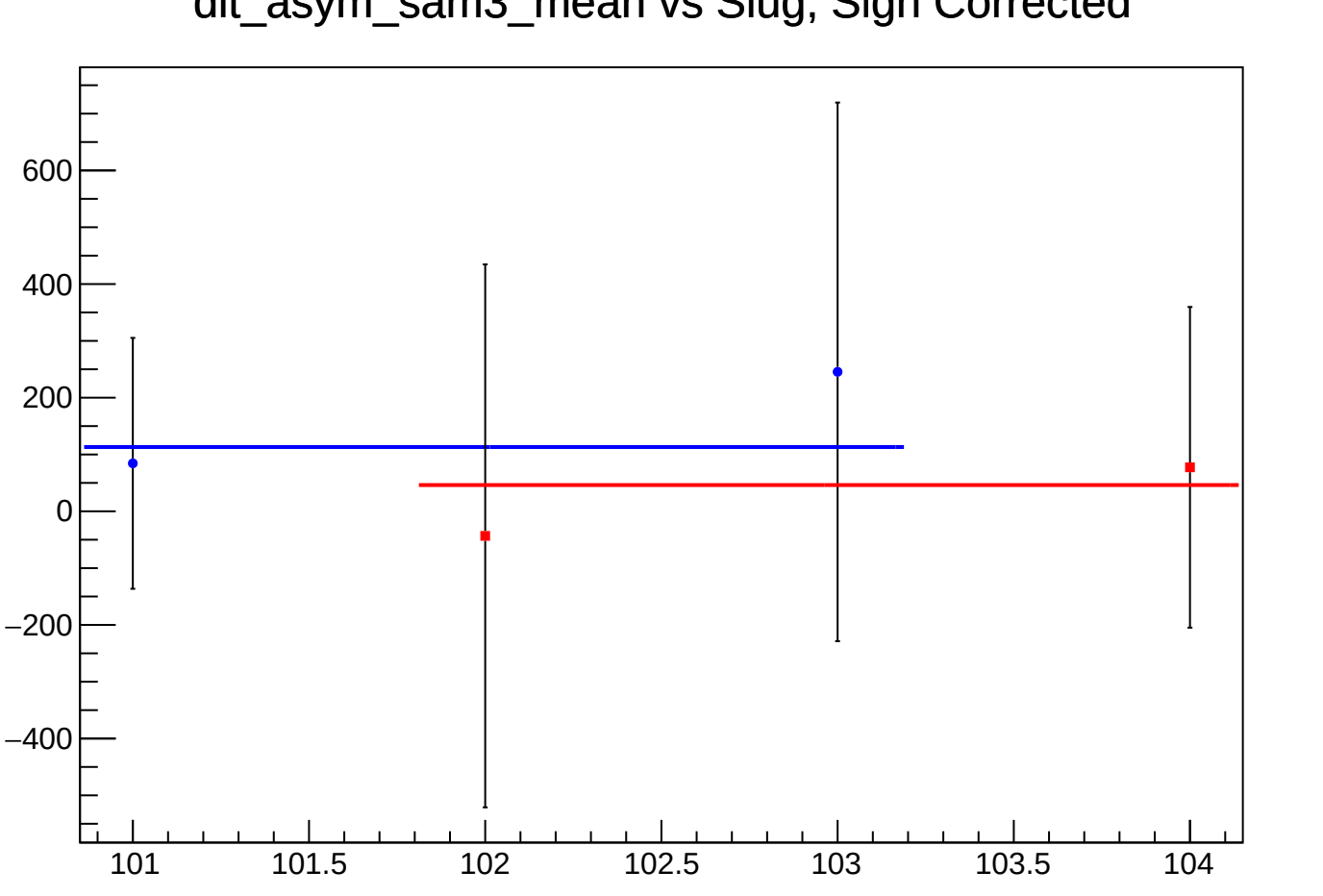
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4387.829+/-2.098 χ^2/NDF: 4027.3/3

In: 4328.829+/-2.853 χ^2/NDF:3051.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4387.829+/-2.098 χ^2/NDF: 4027.3/3



Right In: 113.139+/-200.164 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 46.222+/-243.032 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

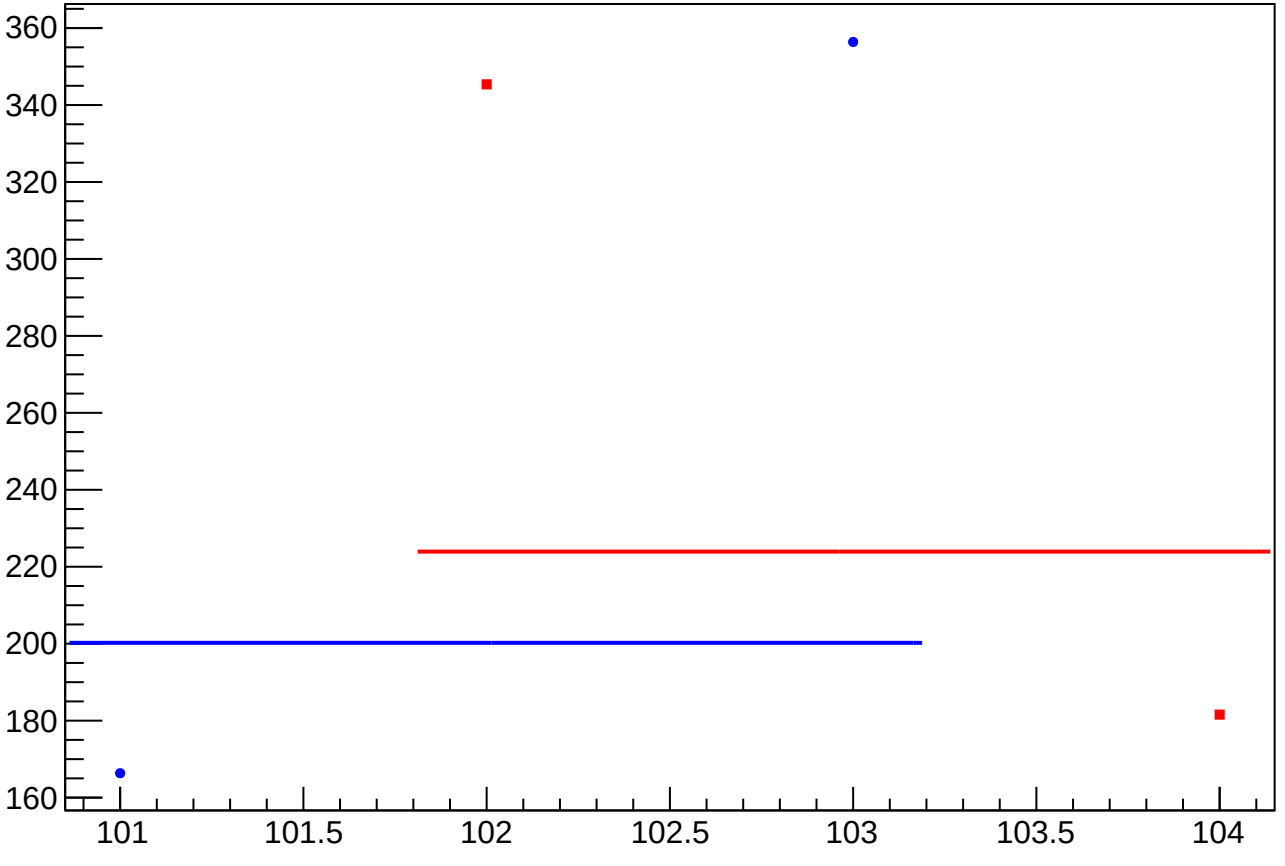
Right: 86.093+/-154.506 χ^2/NDF: 0.2/3

In: 113.139+/-200.164 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 86.093+/-154.506 χ^2/NDF: 0.2/3

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 200.229+/-0.142 χ^2/NDF: 264131.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 223.938+/-0.172 χ^2/NDF: 174219.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

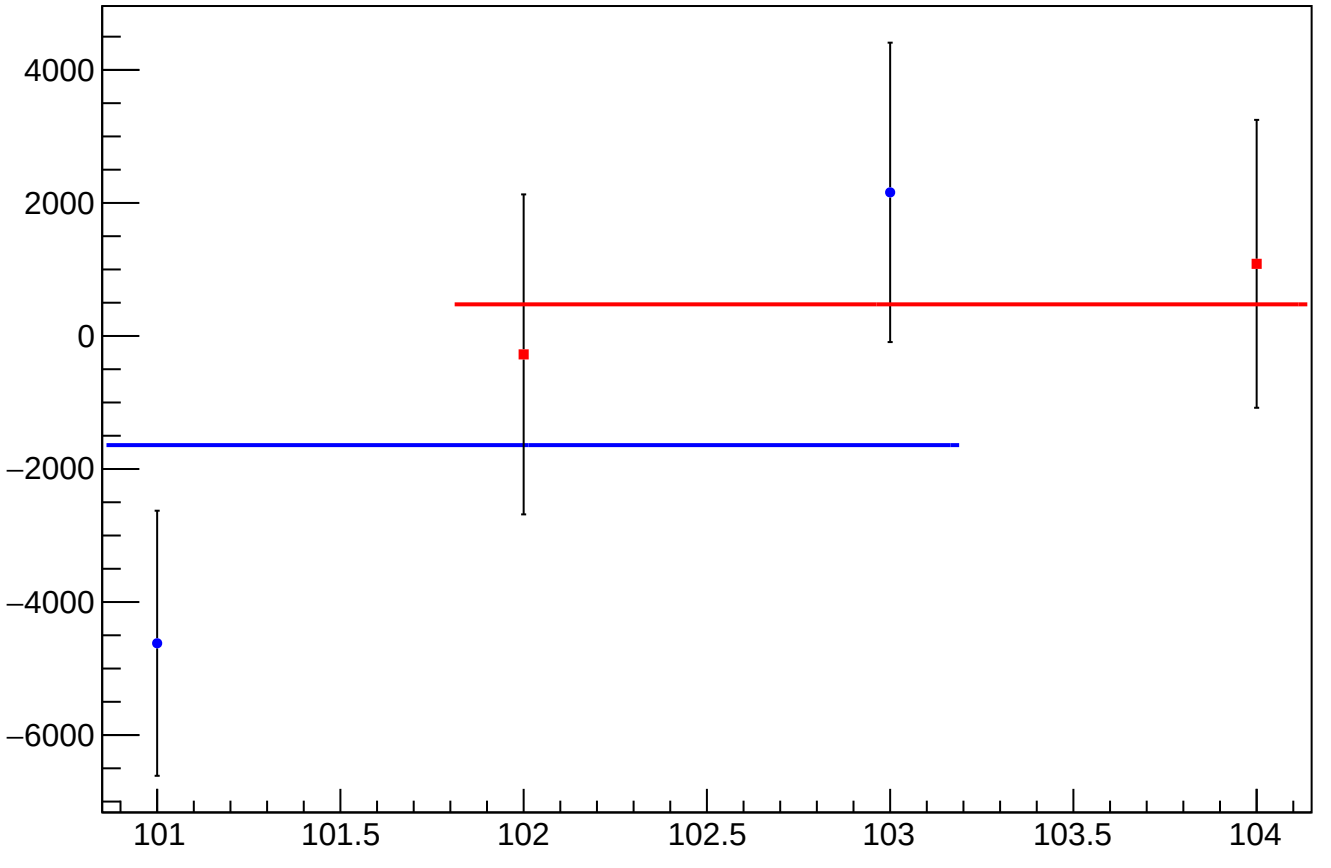
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 209.812+/-0.109 χ^2/NDF: 449692.5/3

In: 200.229+/-0.142 χ^2/NDF:264131.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 209.812+/-0.109 χ^2/NDF: 449692.5/3



Right In: -1640.861+/-1491.985 χ^2/NDF: 5.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 475.629+/-1608.874 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

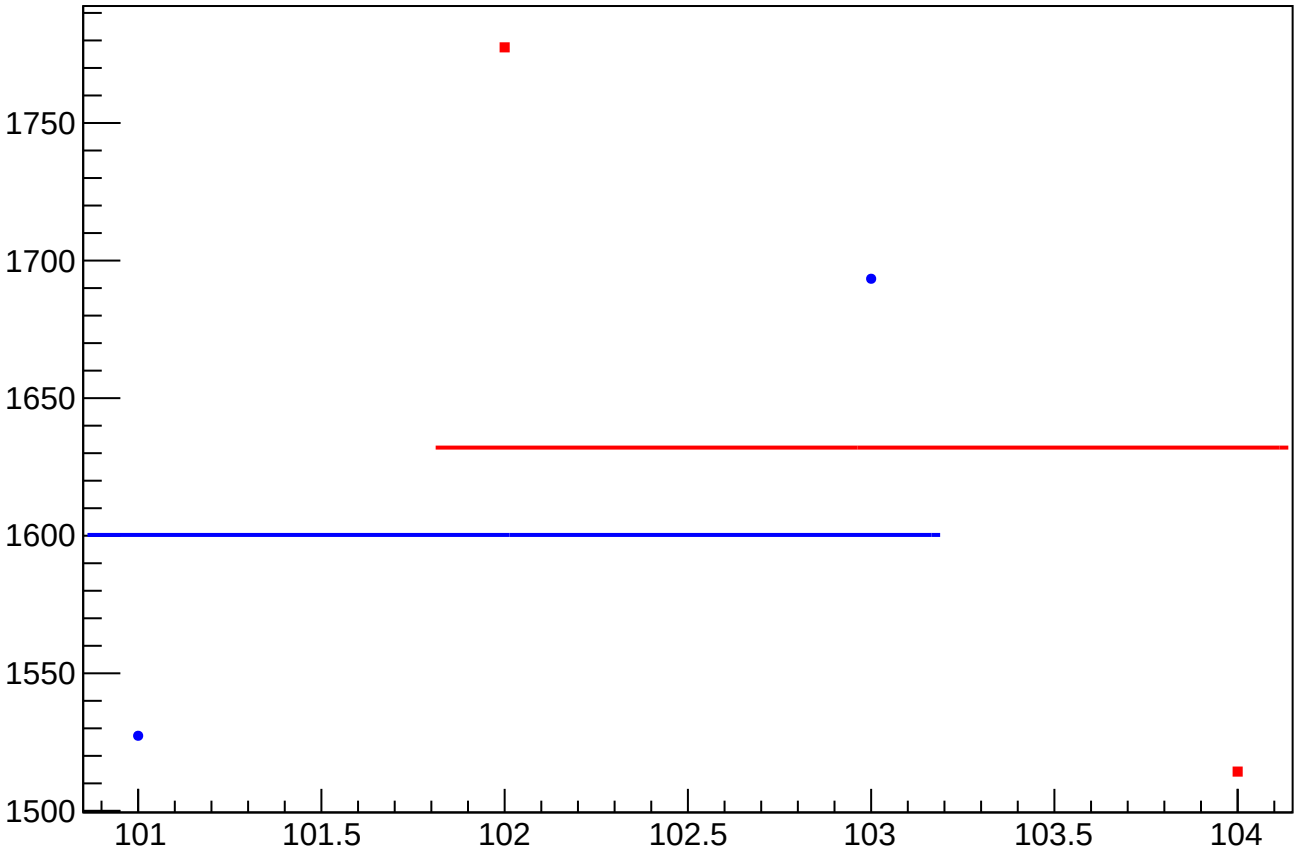
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -662.286+/-1093.984 χ^2/NDF: 6.2/3

In: -1640.861+/-1491.985 χ^2/NDF:5.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -662.286+/-1093.984 χ^2/NDF: 6.2/3



Right In: 1600.290+/-1.055 χ^2/NDF: 6105.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1632.032+/-1.138 χ^2/NDF: 13233.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

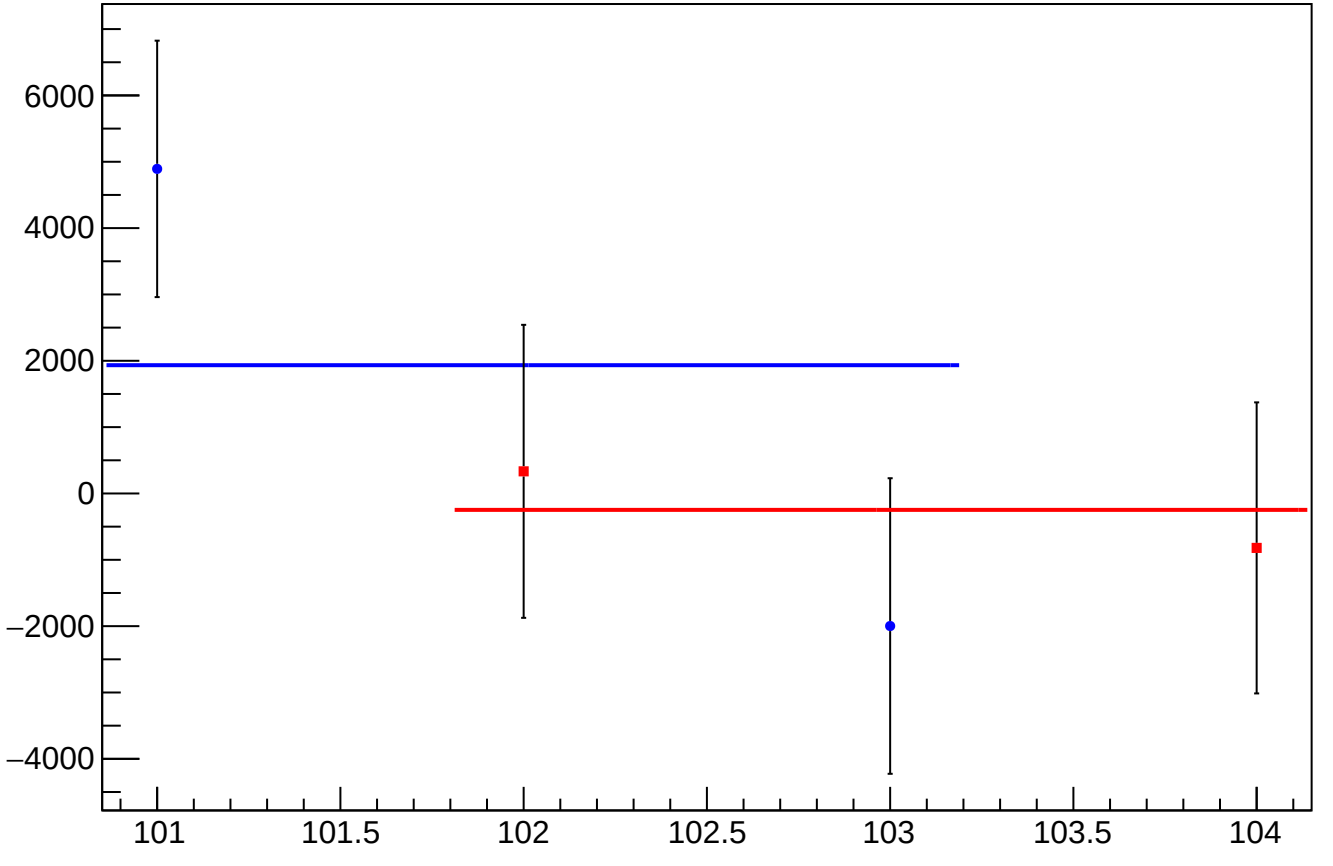
Right: 1614.966+/-0.774 χ^2/NDF: 19757.6/3

In: 1600.290+/-1.055 χ^2/NDF:6105.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1614.966+/-0.774 χ^2/NDF: 19757.6/3

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1933.613+/-1459.837 χ^2/NDF: 5.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -247.268+/-1556.271 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

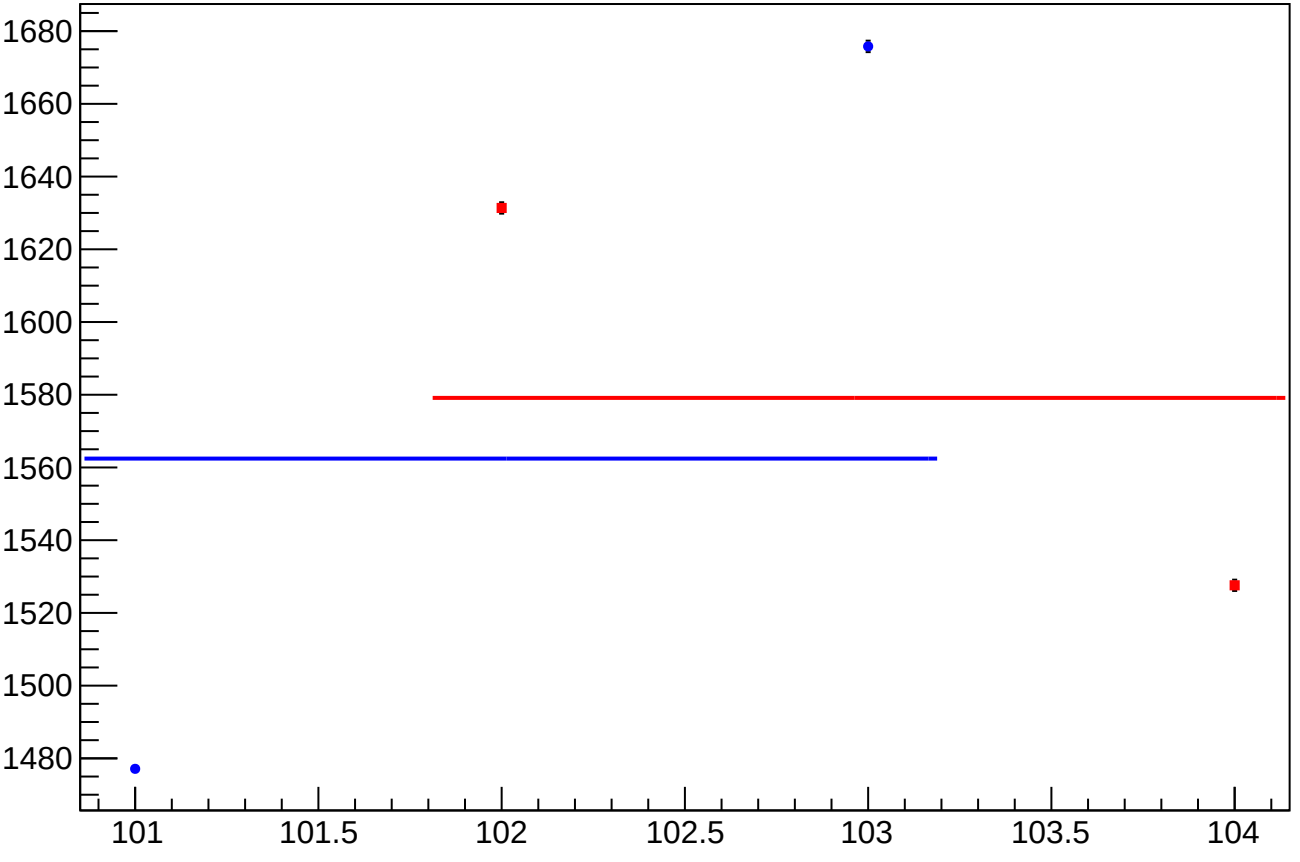
Right: 912.830+/-1064.721 χ^2/NDF: 6.6/3

In: 1933.613+/-1459.837 χ^2/NDF:5.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 912.830+/-1064.721 χ^2/NDF: 6.6/3

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1562.441+/-1.032 χ^2/NDF: 9076.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1579.134+/-1.100 χ^2/NDF: 2223.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

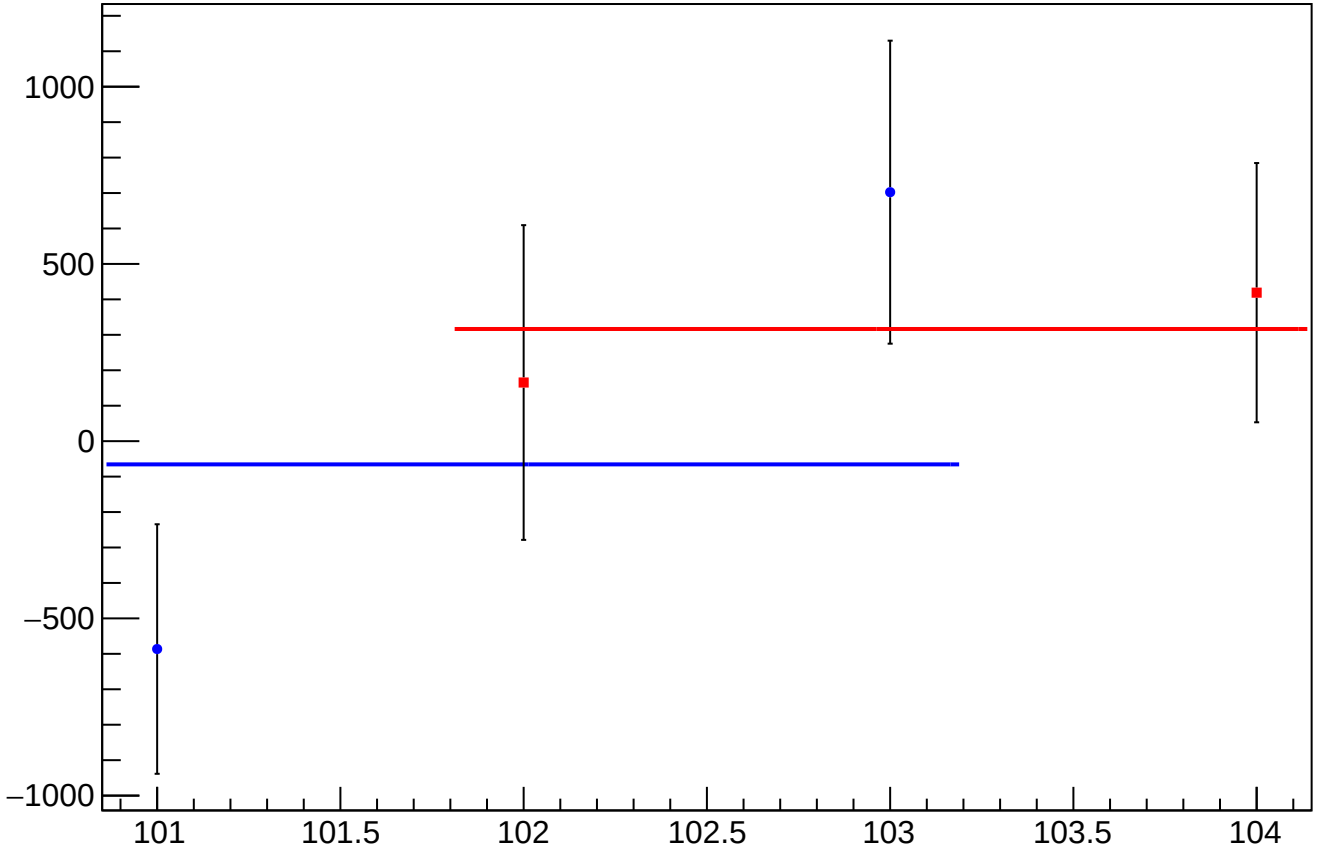
Right: 1570.254+/-0.753 χ^2/NDF: 11422.4/3

In: 1562.441+/-1.032 χ^2/NDF:9076.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1570.254+/-0.753 χ^2/NDF: 11422.4/3

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -65.516+/-271.719 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 316.453+/-282.277 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

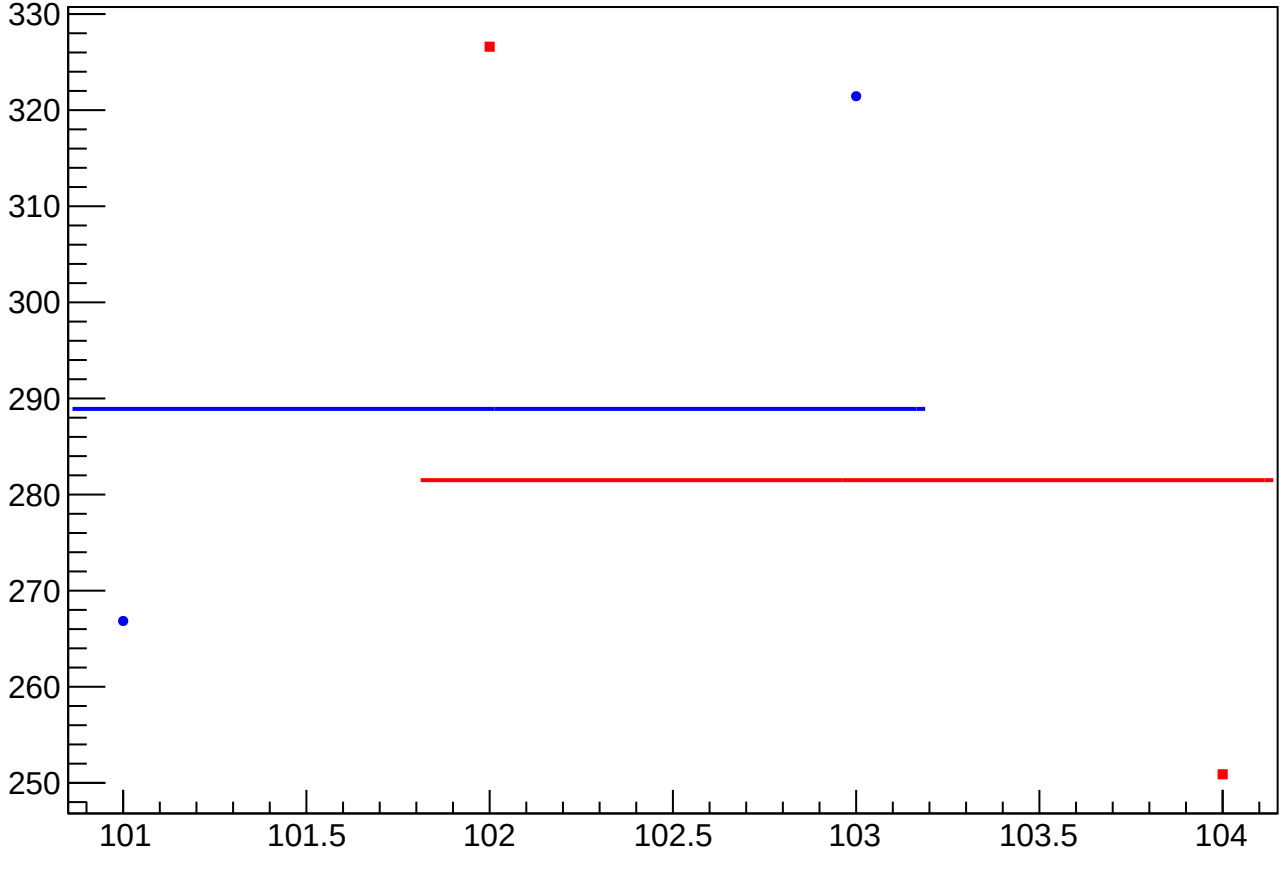
Right: 118.192+/-195.760 χ^2/NDF: 6.6/3

In: -65.516+/-271.719 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 118.192+/-195.760 χ^2/NDF: 6.6/3

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 288.915+/-0.192 χ^2/NDF: 19450.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 281.500+/-0.200 χ^2/NDF: 34652.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

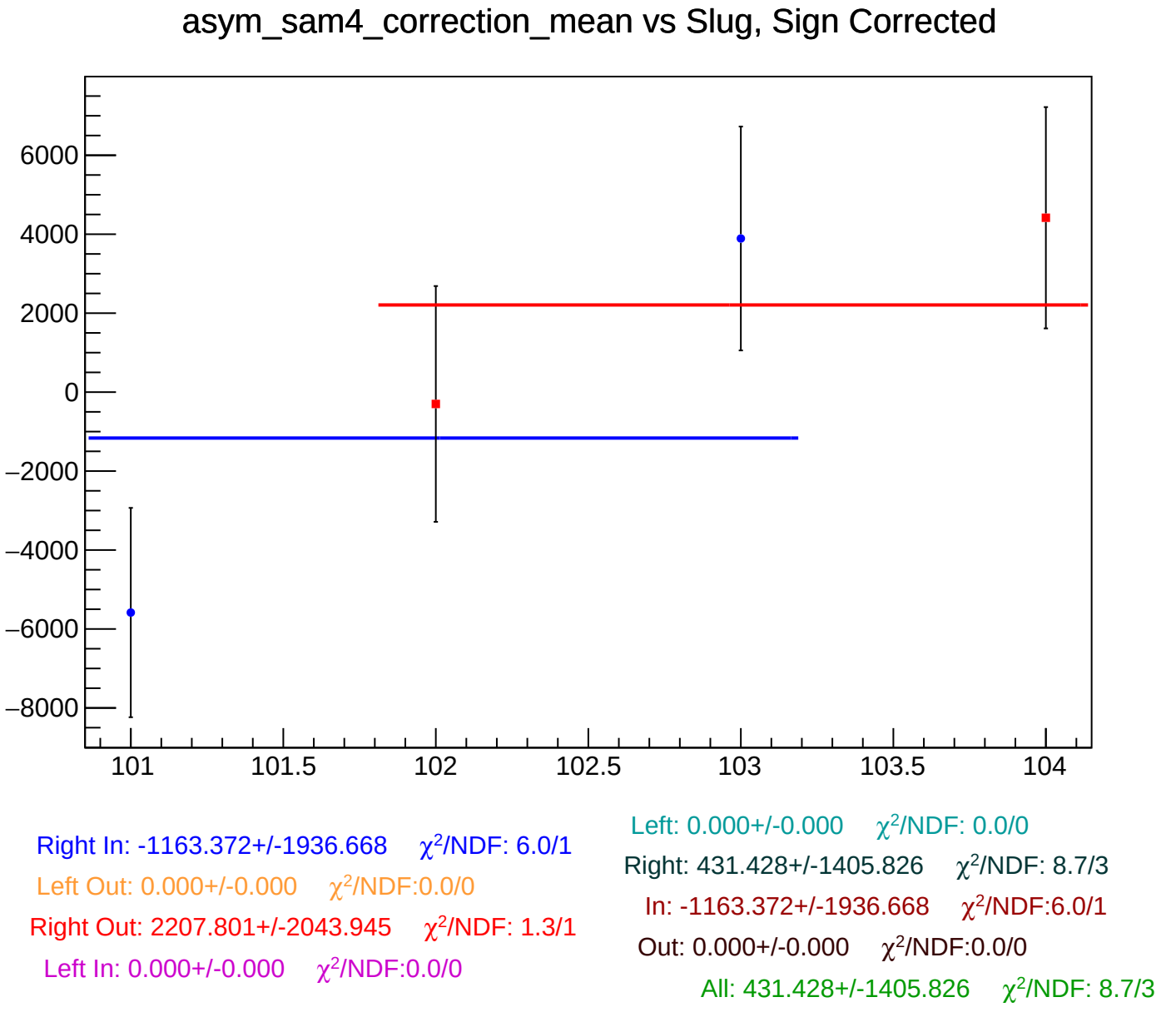
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 285.349+/-0.138 χ^2/NDF: 54819.0/3

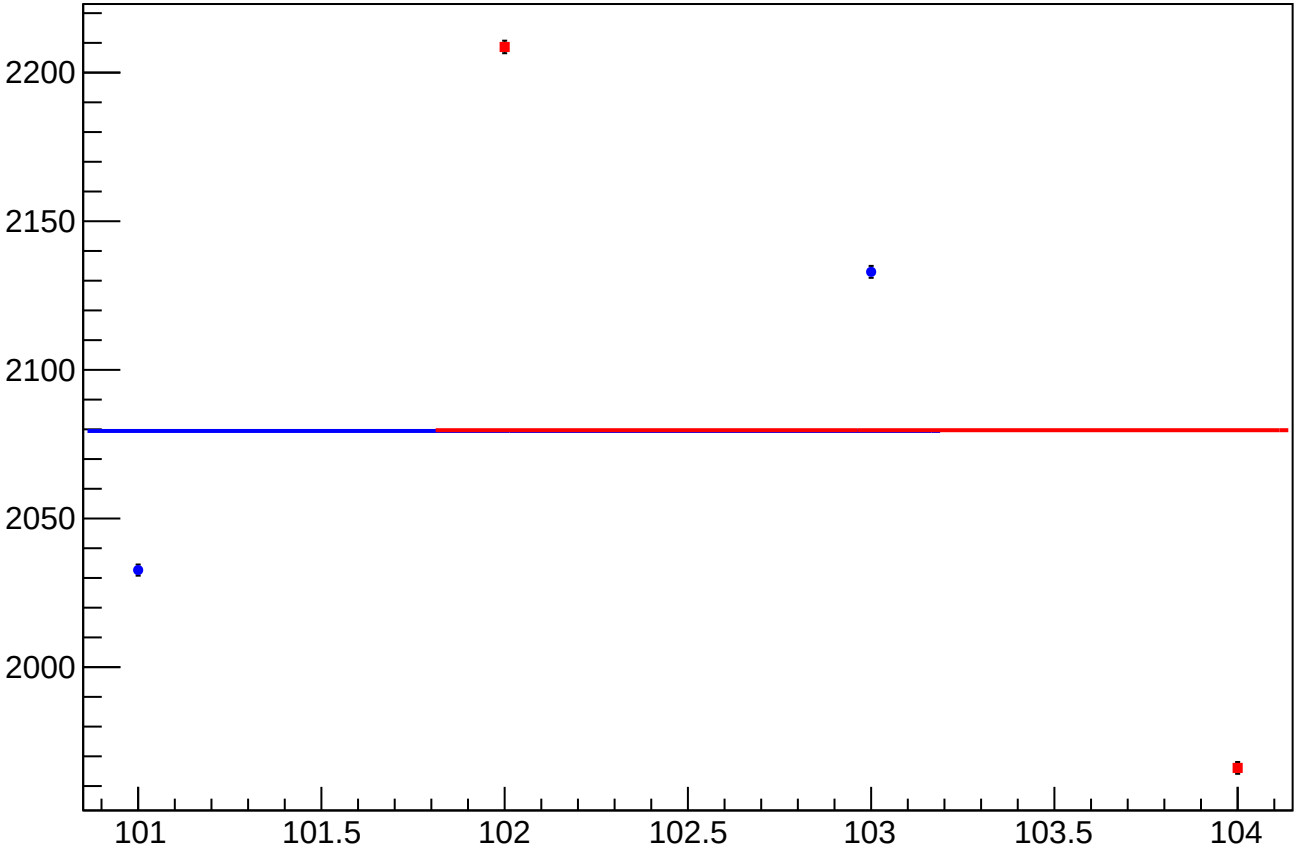
In: 288.915+/-0.192 χ^2/NDF:19450.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 285.349+/-0.138 χ^2/NDF: 54819.0/3


asym_sam4_correction_mean vs Slug, Sign Corrected
6000
4000
2000
0
−2000
−4000
−6000
−8000
101
101.5
102
102.5
103
103.5
104
Right In: -1163.372+/-1936.668 χ²/NDF: 6.0/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2207.801+/-2043.945 χ²/NDF: 1.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 431.428+/-1405.826 χ²/NDF: 8.7/3
In: -1163.372+/-1936.668 χ²/NDF:6.0/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 431.428+/-1405.826 χ²/NDF: 8.7/3

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2079.451+/-1.369 χ^2/NDF: 1335.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2079.702+/-1.445 χ^2/NDF: 7011.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

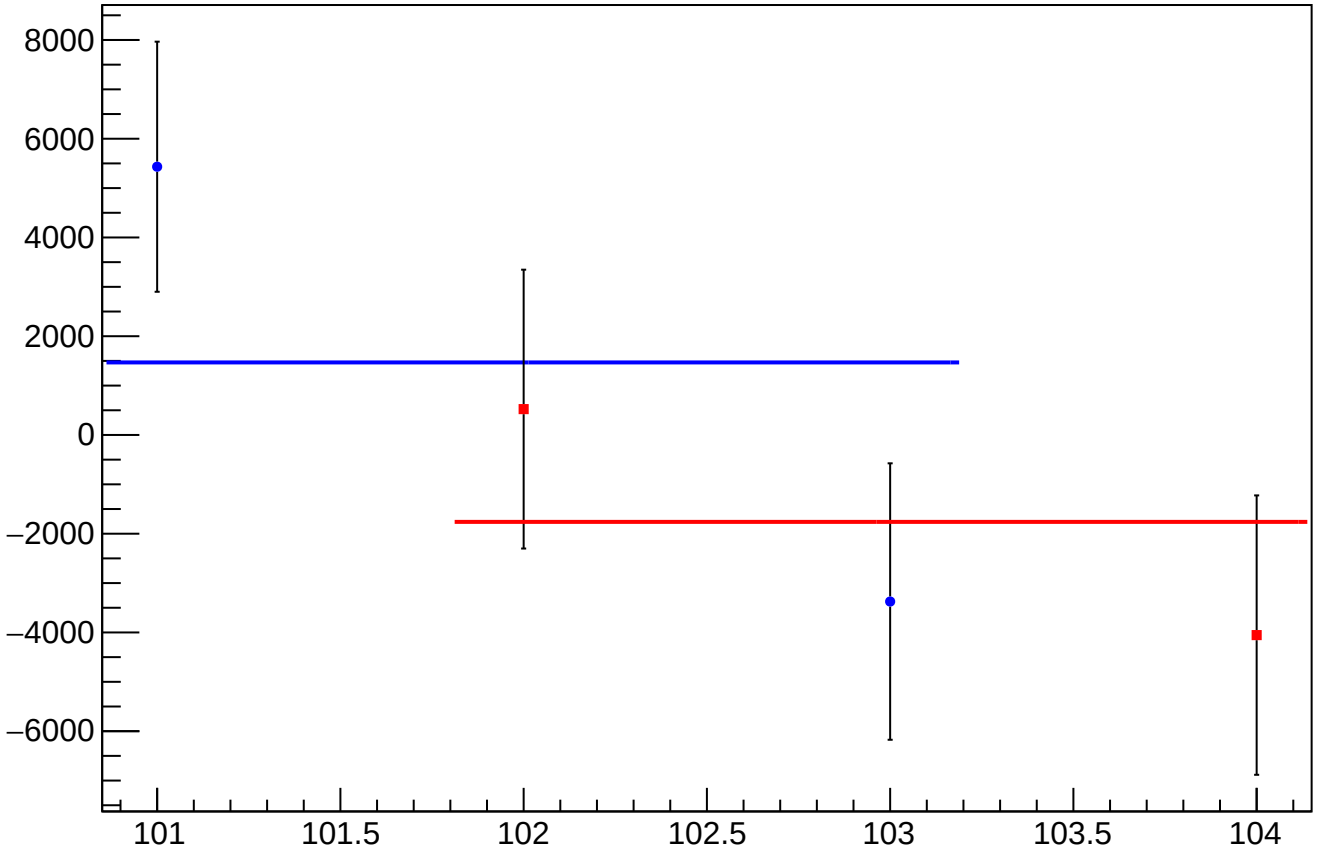
Right: 2079.570+/-0.994 χ^2/NDF: 8347.2/3

In: 2079.451+/-1.369 χ^2/NDF:1335.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2079.570+/-0.994 χ^2/NDF: 8347.2/3

asym_sam4_mean vs Slug, Sign Corrected



Right In: 1469.040+/-1878.252 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1760.530+/-1998.784 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

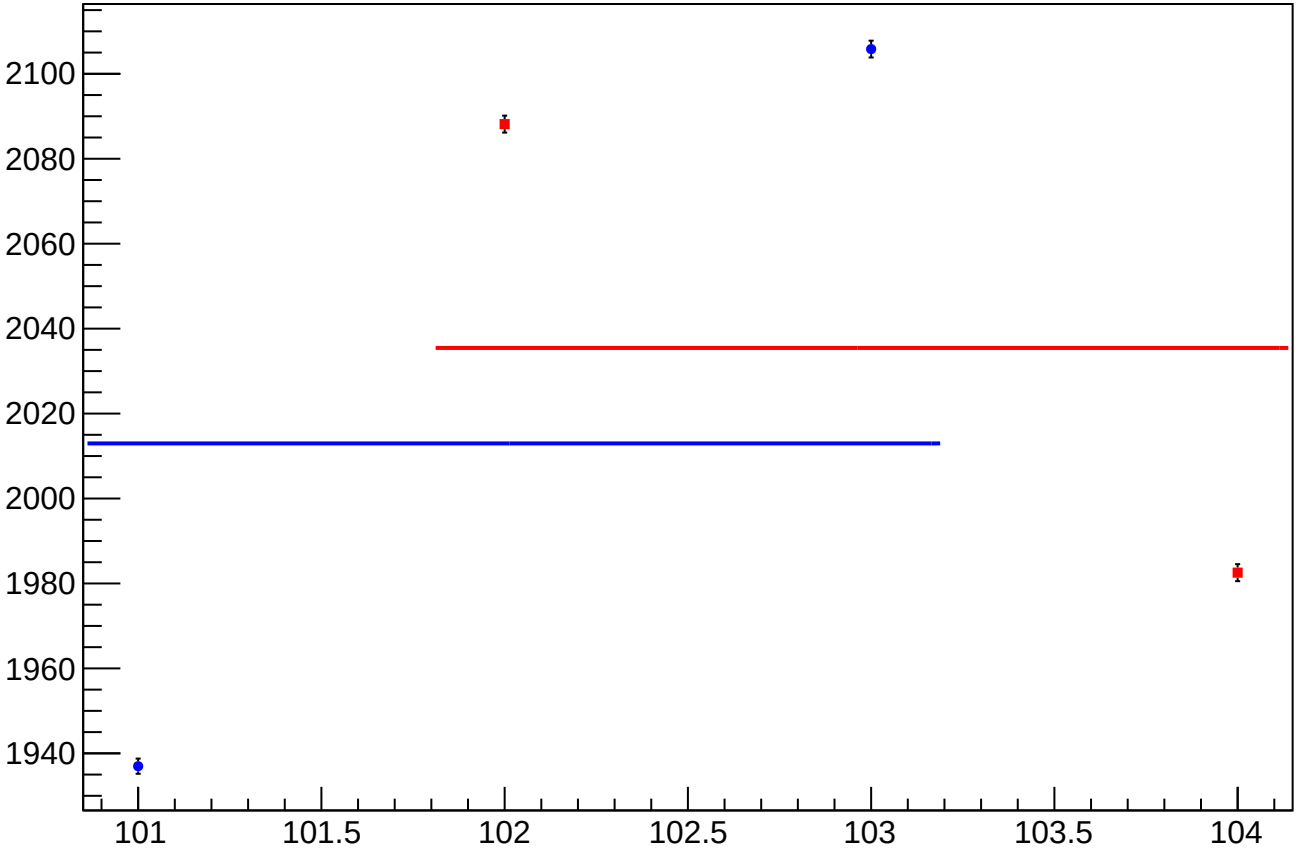
Right: -45.438+/-1368.753 χ^2/NDF: 8.1/3

In: 1469.040+/-1878.252 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -45.438+/-1368.753 χ^2/NDF: 8.1/3

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2012.971+/-1.328 χ^2/NDF: 4000.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2035.454+/-1.413 χ^2/NDF: 1395.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

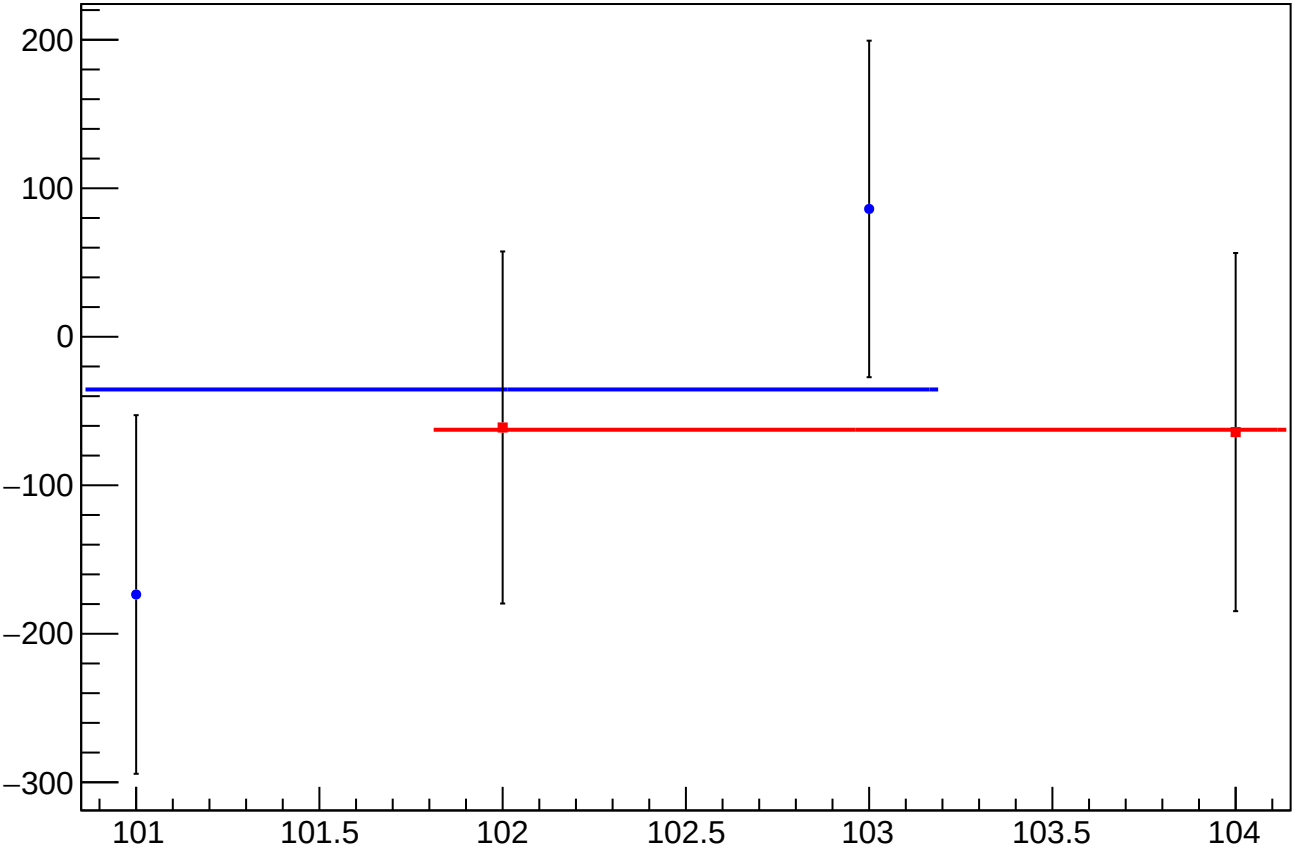
Right: 2023.514+/-0.968 χ^2/NDF: 5530.8/3

In: 2012.971+/-1.328 χ^2/NDF:4000.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2023.514+/-0.968 χ^2/NDF: 5530.8/3

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -35.481+/-82.630 χ^2/NDF: 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -62.607+/-84.535 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

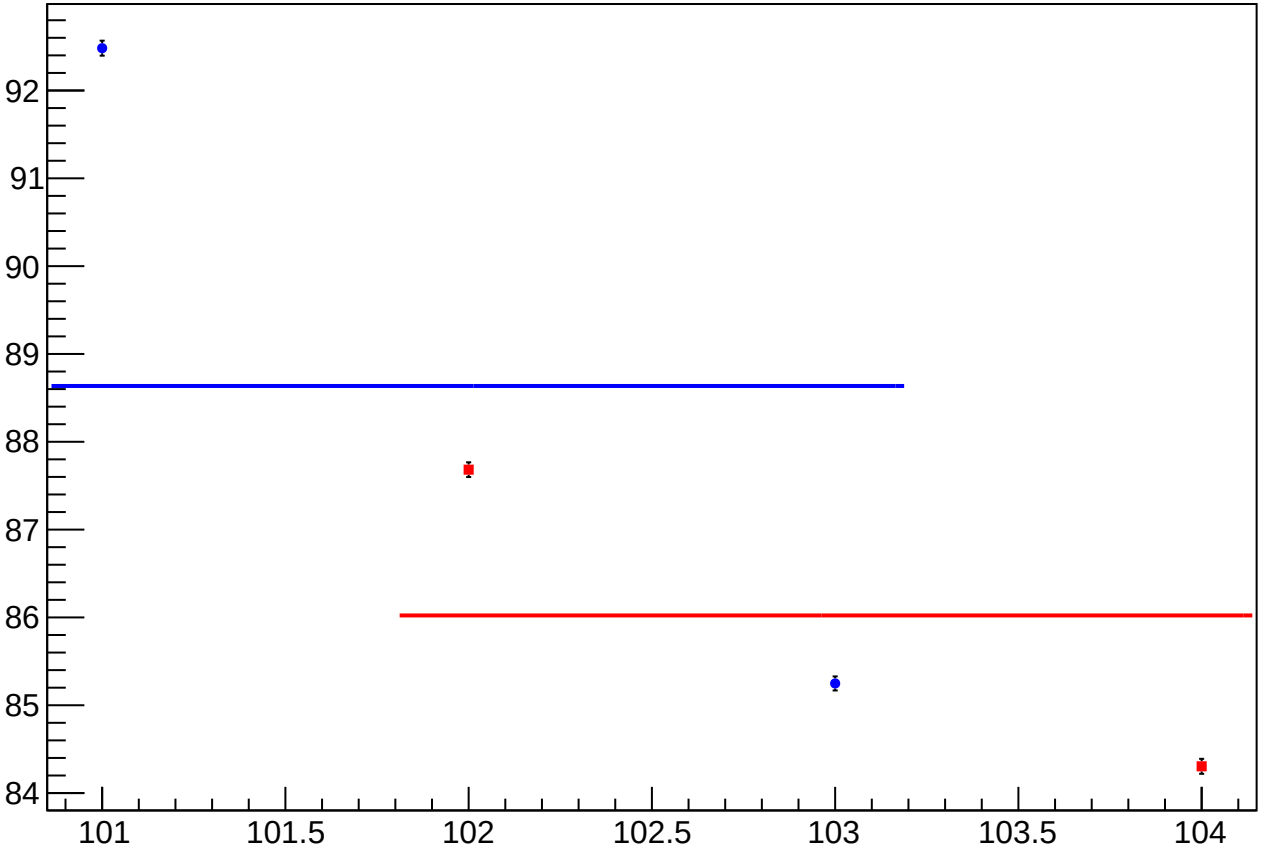
Right: -48.735+/-59.090 χ^2/NDF: 2.5/3

In: -35.481+/-82.630 χ^2/NDF:2.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -48.735+/-59.090 χ^2/NDF: 2.5/3

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 88.635+/-0.058 χ^2/NDF: 3816.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 86.023+/-0.060 χ^2/NDF: 798.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

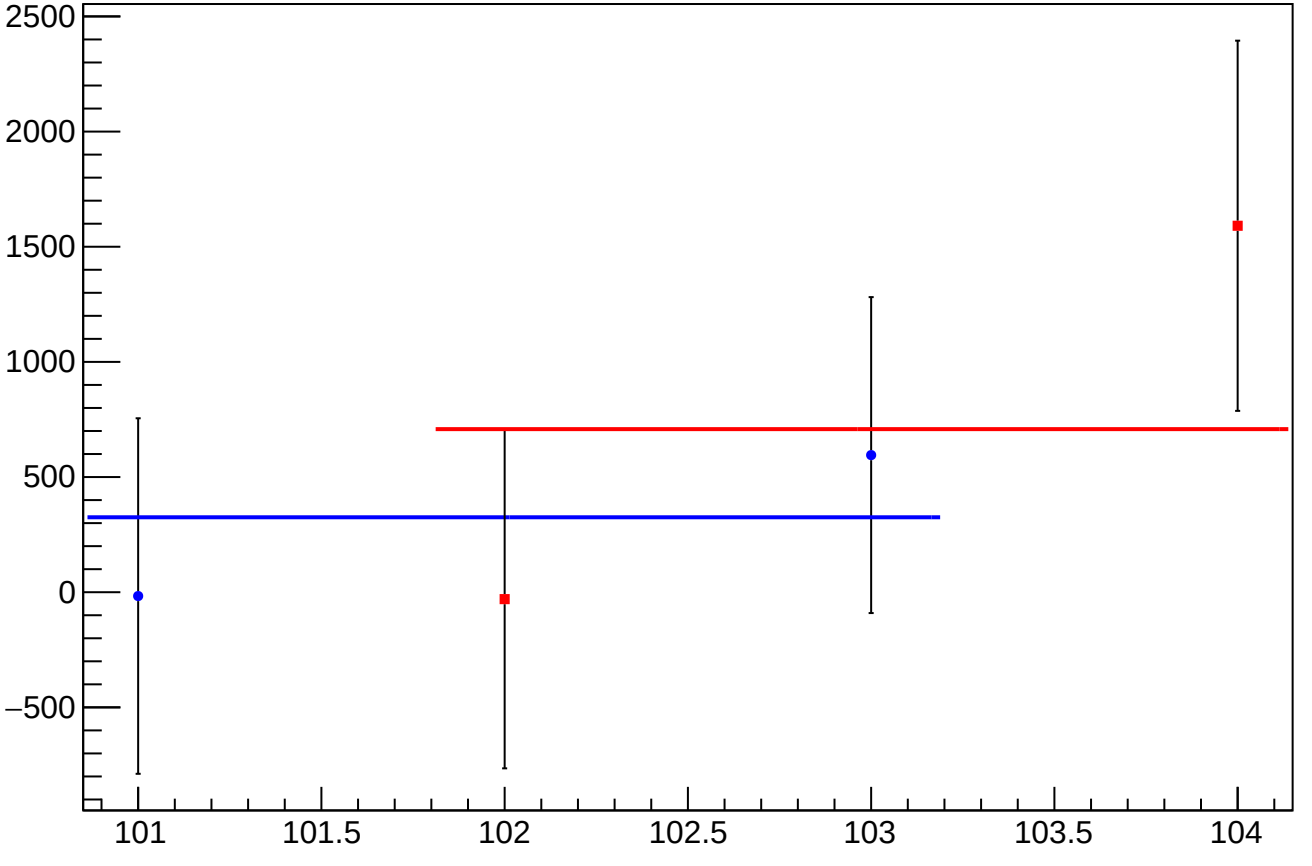
Right: 87.359+/-0.042 χ^2/NDF: 5591.8/3

In: 88.635+/-0.058 χ^2/NDF:3816.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 87.359+/-0.042 χ^2/NDF: 5591.8/3

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 325.343+/-512.709 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 708.097+/-542.295 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

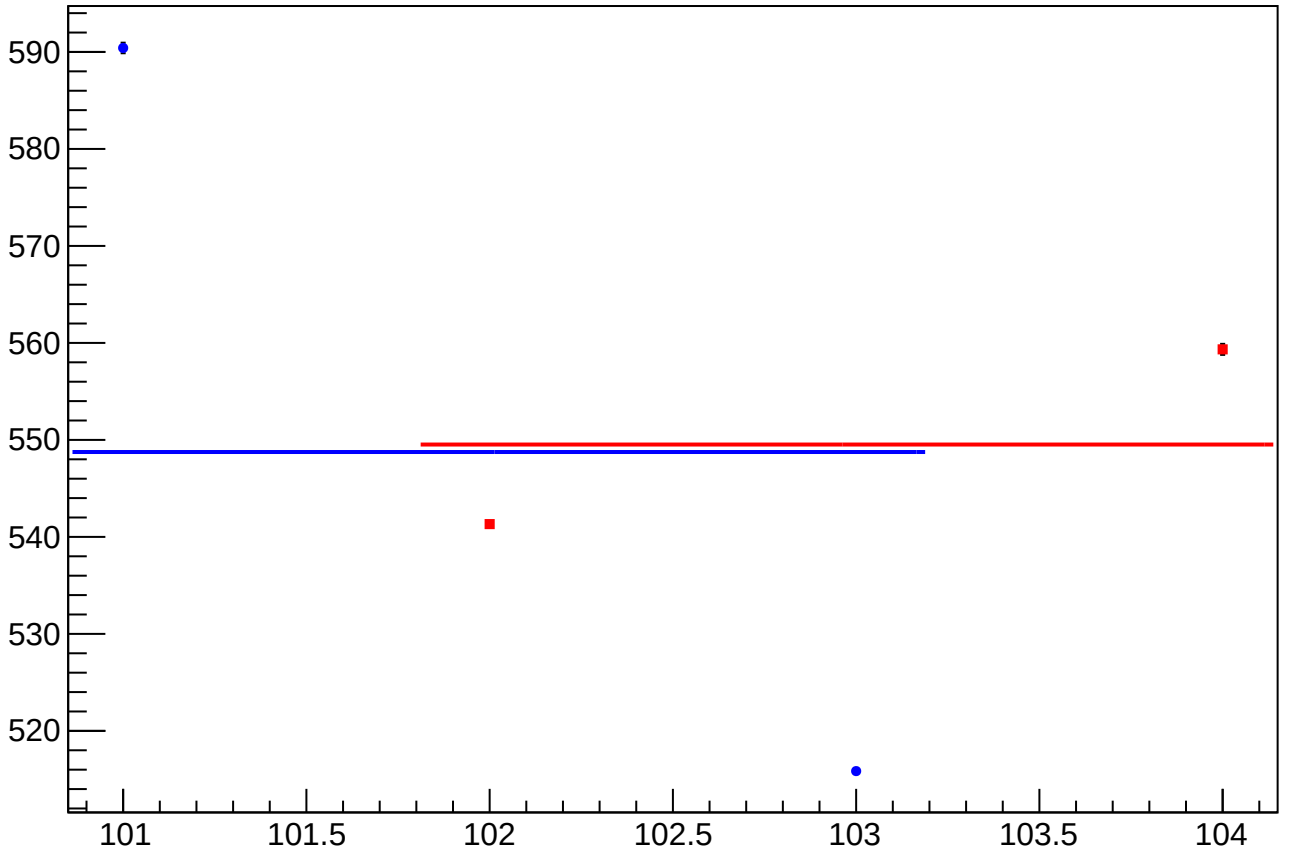
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 505.994+/-372.561 χ^2/NDF: 2.8/3

In: 325.343+/-512.709 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 505.994+/-372.561 χ^2/NDF: 2.8/3



Right In: 548.752+/-0.363 χ^2/NDF: 10427.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 549.523+/-0.383 χ^2/NDF: 547.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

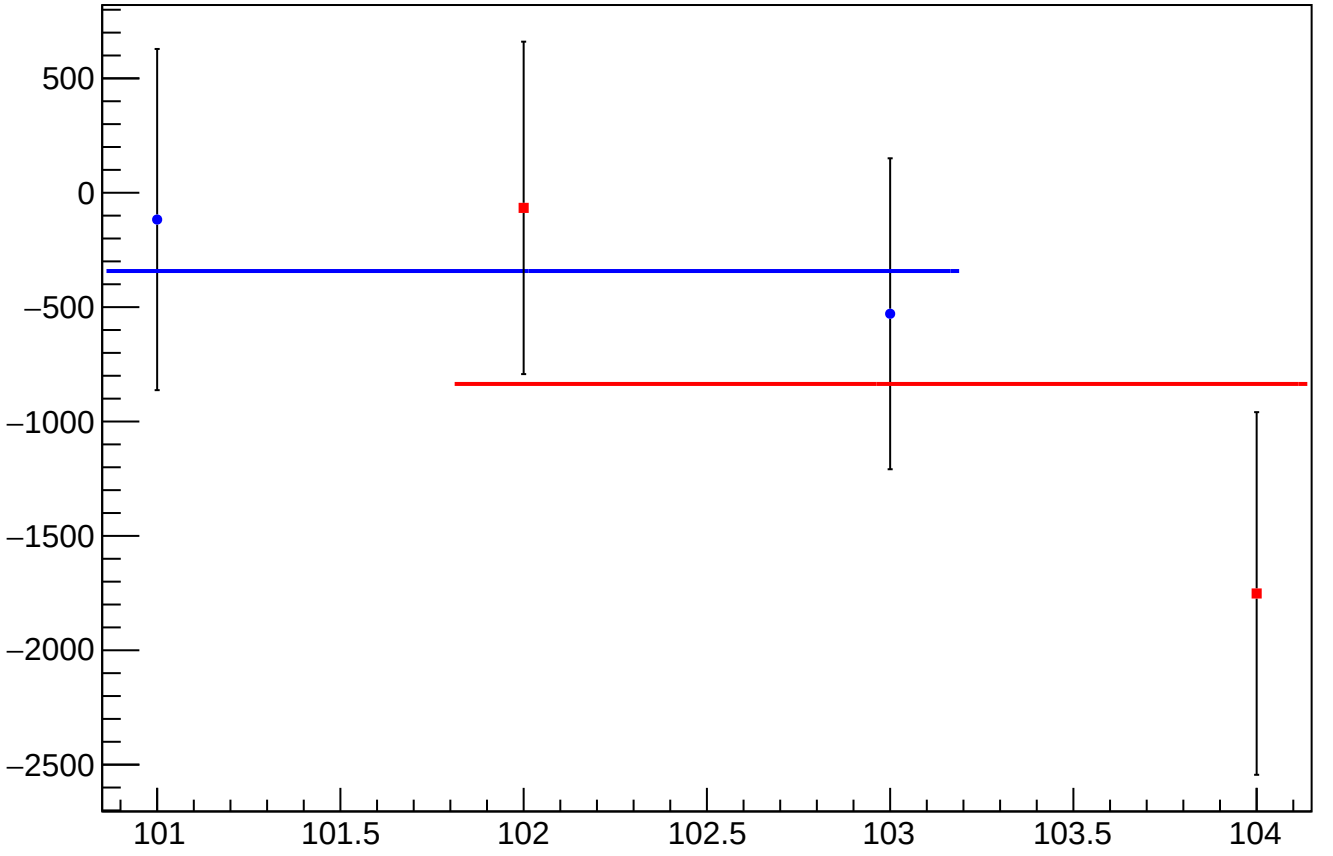
Right: 549.116+/-0.263 χ^2/NDF: 10976.8/3

In: 548.752+/-0.363 χ^2/NDF:10427.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 549.116+/-0.263 χ^2/NDF: 10976.8/3

asym_sam5_mean vs Slug, Sign Corrected



Right In: -342.138+/-502.314 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -835.771+/-535.601 χ^2/NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

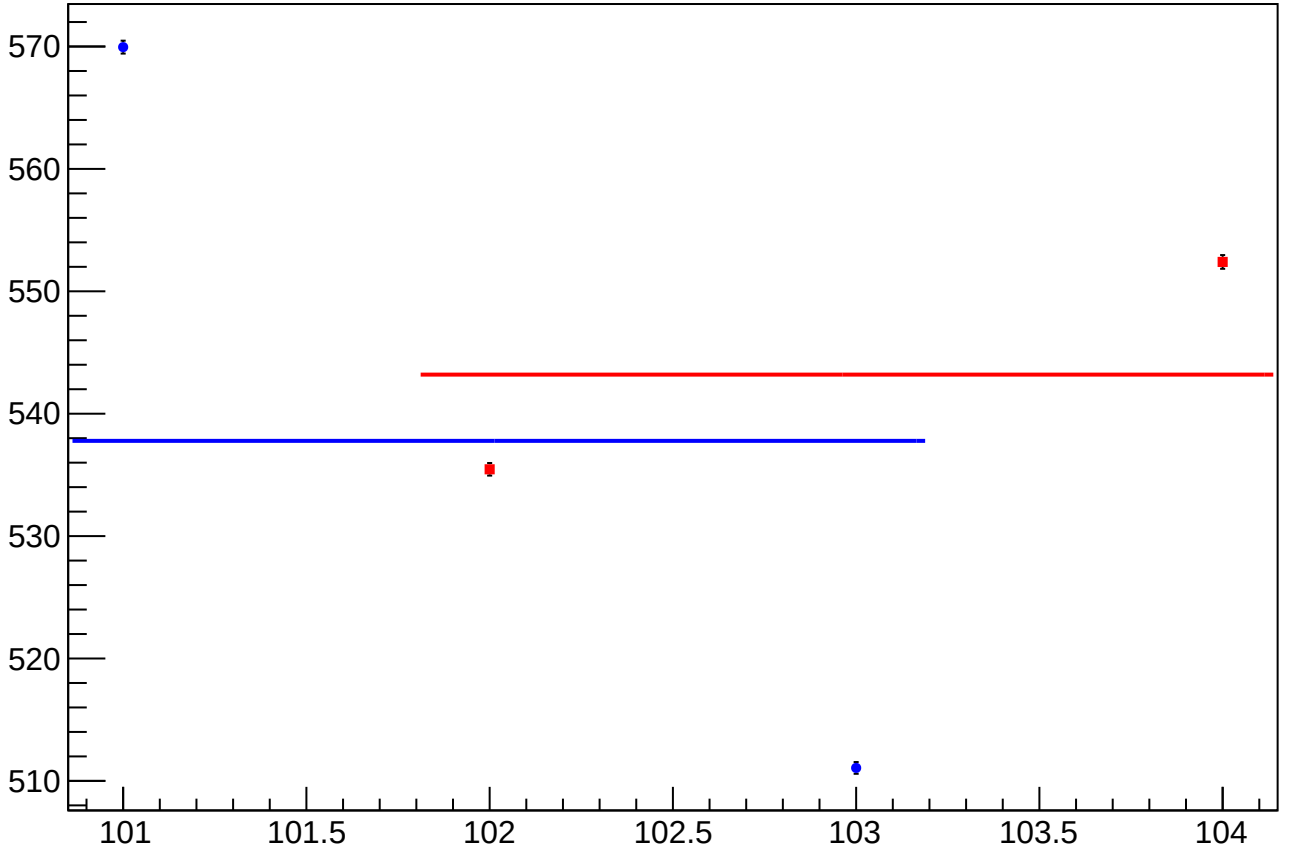
Right: -573.139+/-366.393 χ^2/NDF: 3.1/3

In: -342.138+/-502.314 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -573.139+/-366.393 χ^2/NDF: 3.1/3

asym_sam5_rms vs Slug, Sign Corrected



Right In: 537.781+/-0.355 χ^2/NDF: 6813.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 543.194+/-0.379 χ^2/NDF: 496.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

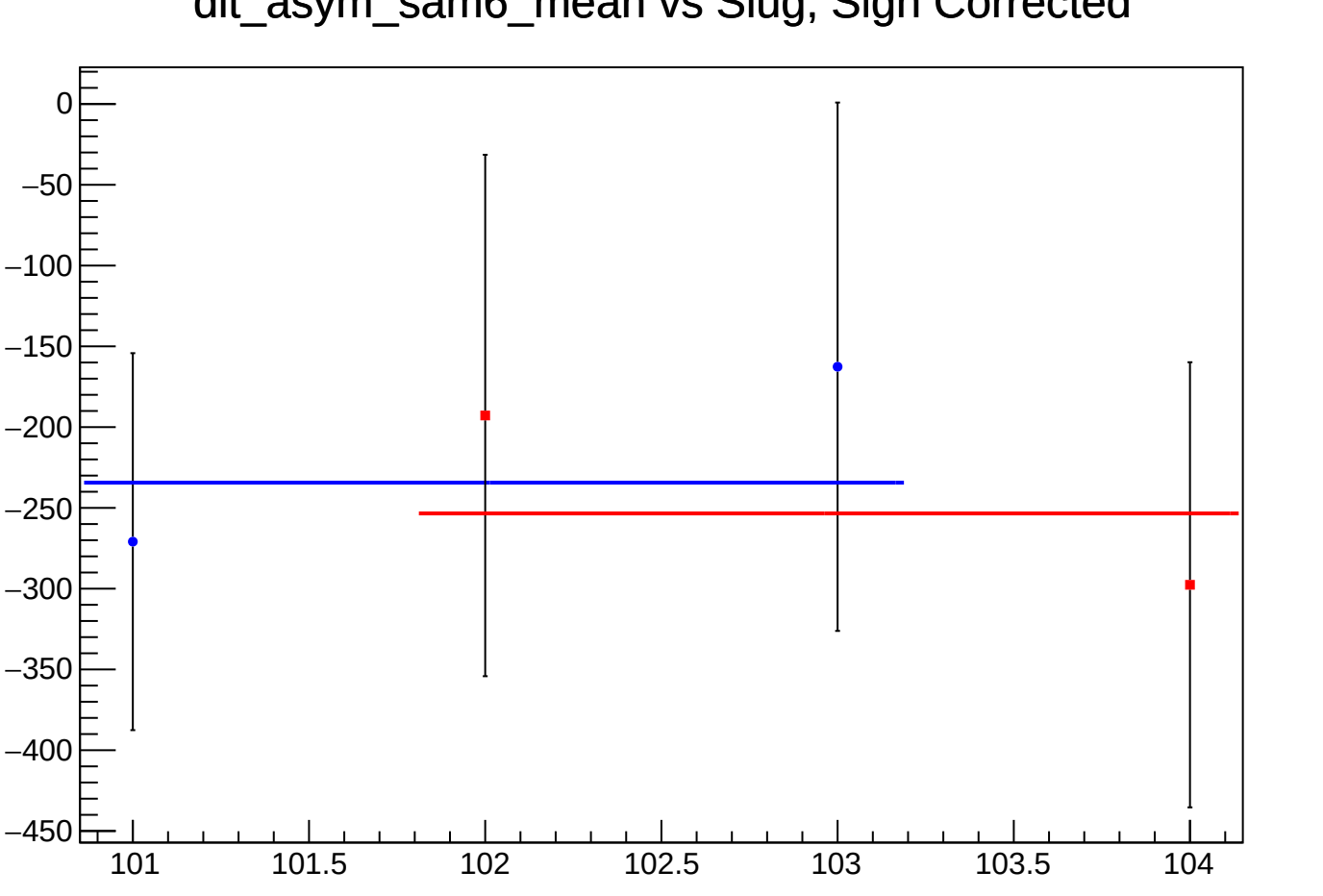
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 540.314+/-0.259 χ^2/NDF: 7418.6/3

In: 537.781+/-0.355 χ^2/NDF:6813.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 540.314+/-0.259 χ^2/NDF: 7418.6/3



Right In: -234.370+/-94.980 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -253.425+/-104.782 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

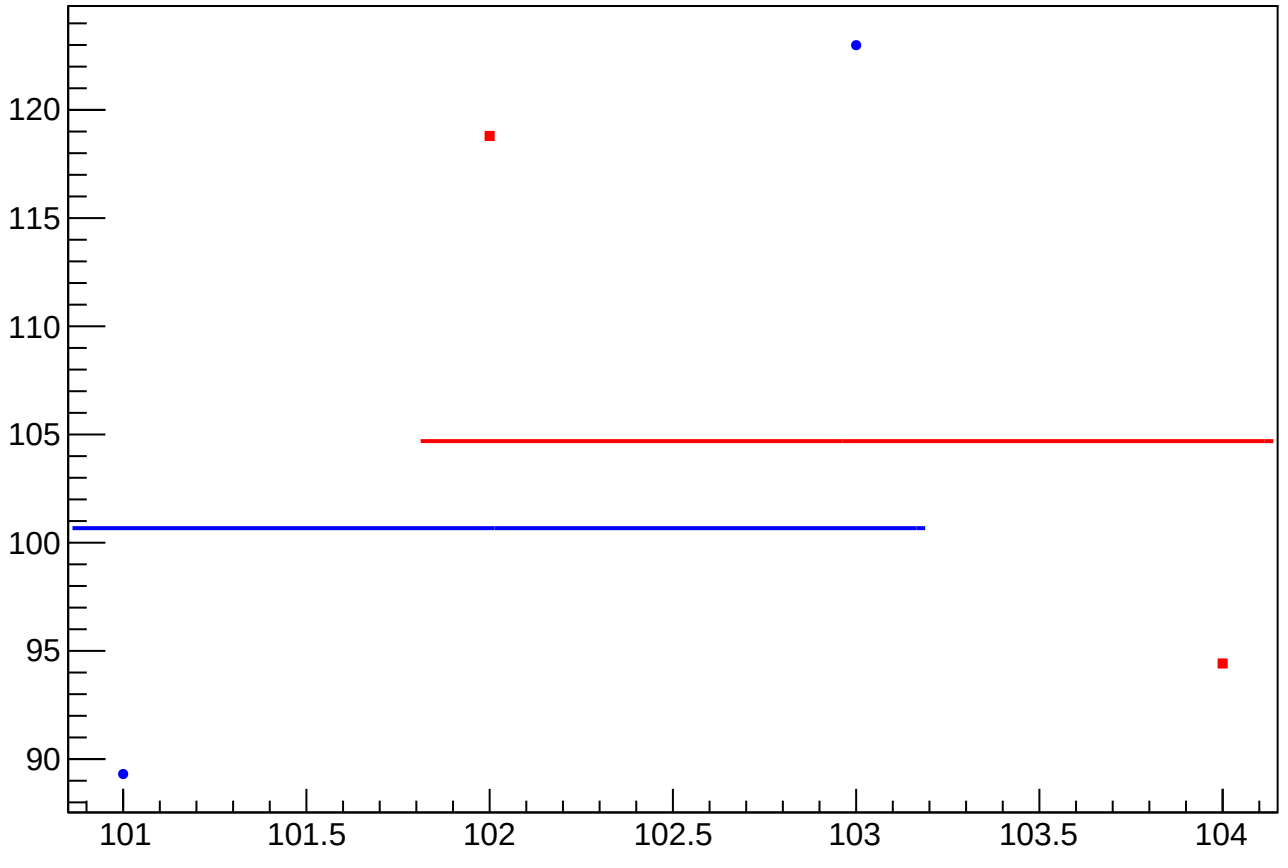
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -242.965+/-70.372 χ^2/NDF: 0.6/3

In: -234.370+/-94.980 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -242.965+/-70.372 χ^2/NDF: 0.6/3



Right In: 100.672+/-0.067 χ^2/NDF: 56218.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 104.694+/-0.074 χ^2/NDF: 26395.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

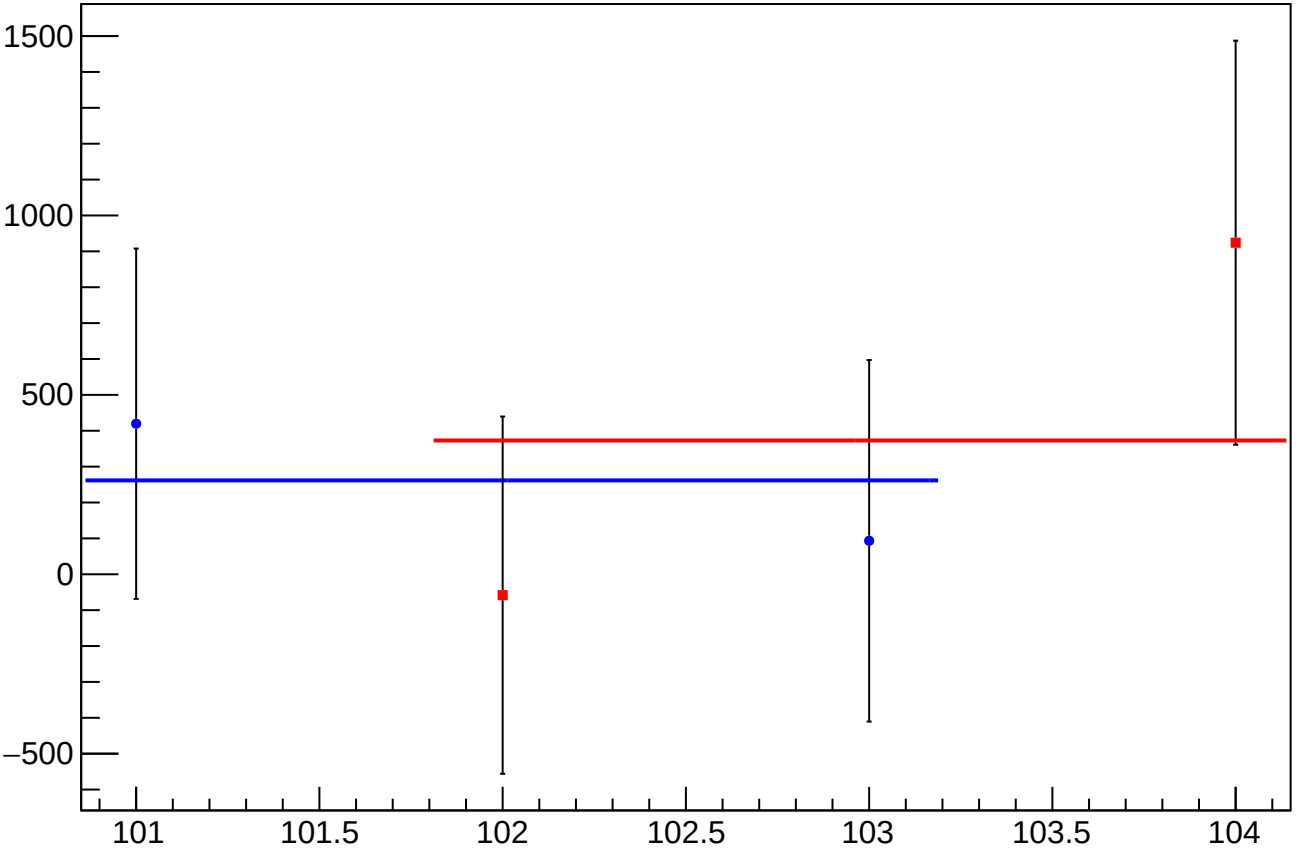
Right: 102.486+/-0.050 χ^2/NDF: 84231.9/3

In: 100.672+/-0.067 χ^2/NDF:56218.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 102.486+/-0.050 χ^2/NDF: 84231.9/3

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 261.614+/-350.657 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 372.836+/-372.962 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

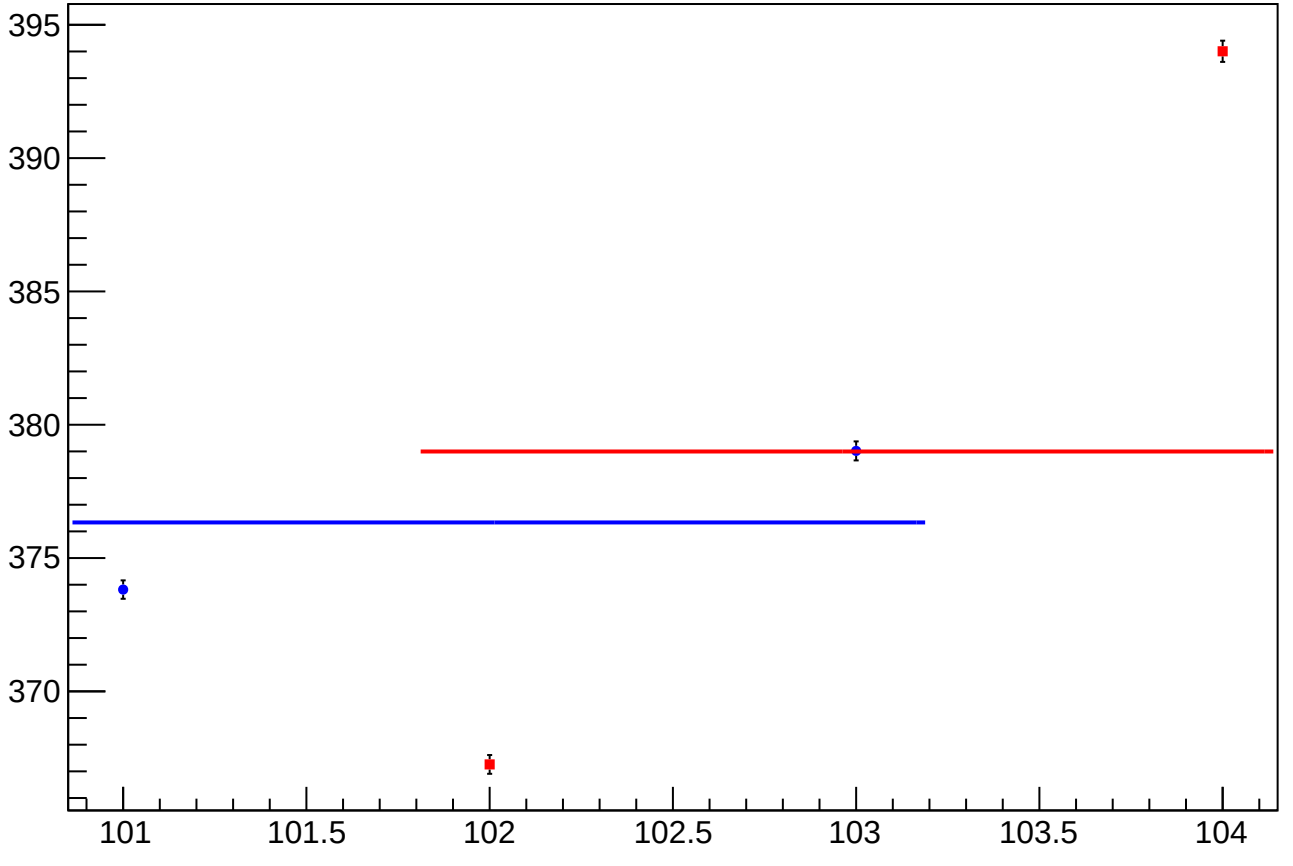
Right: 313.800+/-255.474 χ^2/NDF: 2.0/3

In: 261.614+/-350.657 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 313.800+/-255.474 χ^2/NDF: 2.0/3

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 376.336+/-0.248 χ^2/NDF: 109.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 378.997+/-0.264 χ^2/NDF: 2532.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

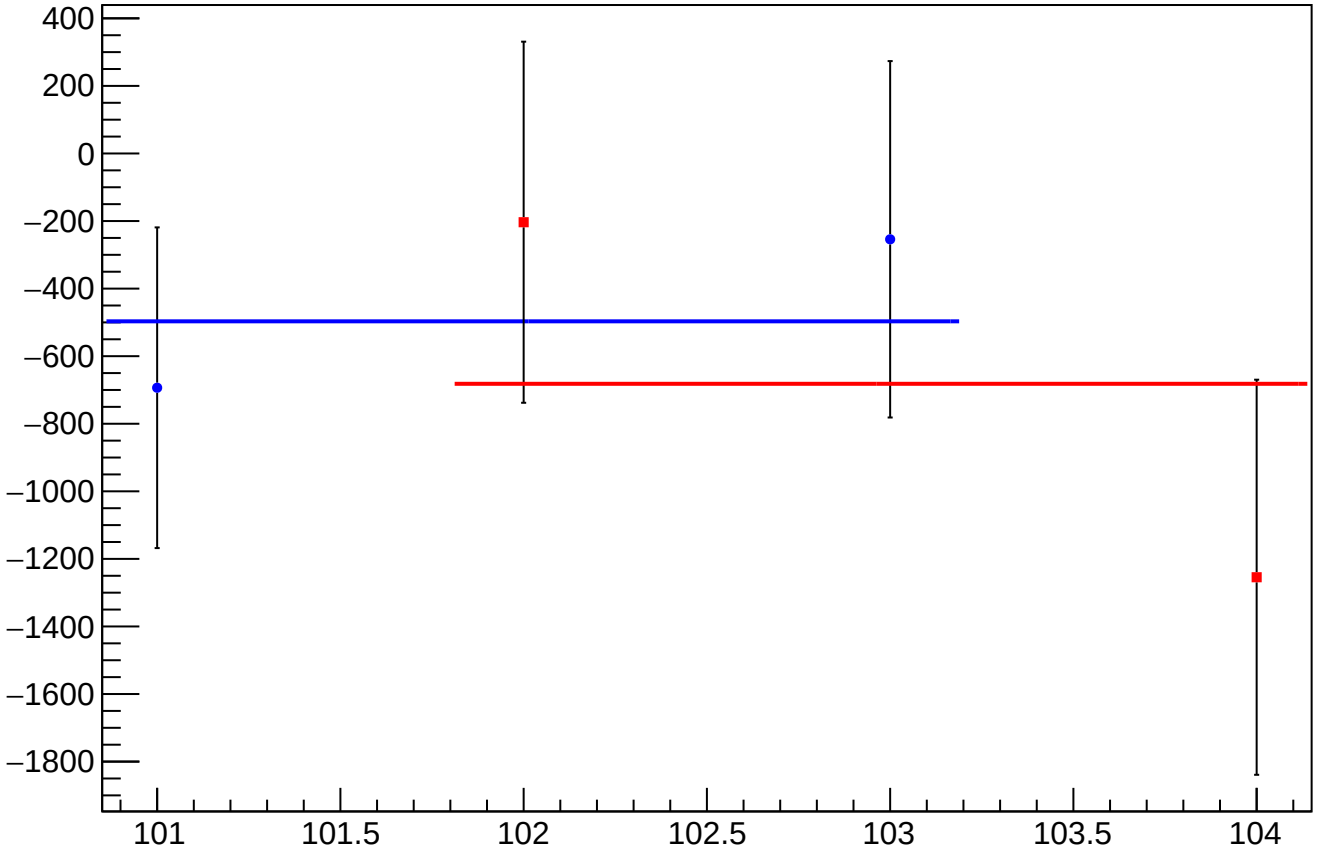
Right: 377.584+/-0.181 χ^2/NDF: 2696.8/3

In: 376.336+/-0.248 χ^2/NDF:109.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 377.584+/-0.181 χ^2/NDF: 2696.8/3

asym_sam6_mean vs Slug, Sign Corrected



Right In: -496.837+/-352.820 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -681.769+/-394.486 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

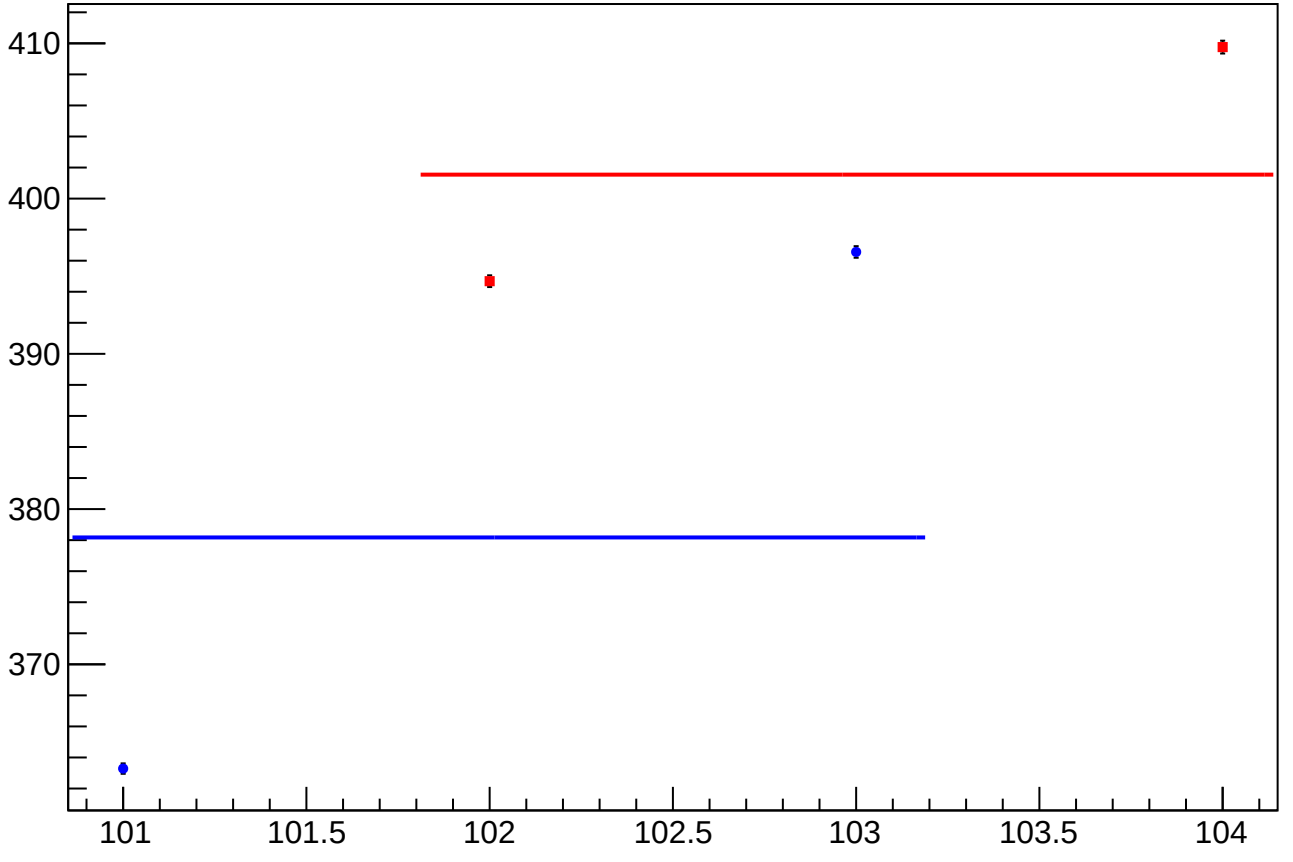
Right: -579.024+/-262.983 χ^2/NDF: 2.3/3

In: -496.837+/-352.820 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -579.024+/-262.983 χ^2/NDF: 2.3/3

asym_sam6_rms vs Slug, Sign Corrected



Right In: 378.173+/-0.249 χ^2/NDF: 4399.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 401.543+/-0.279 χ^2/NDF: 724.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

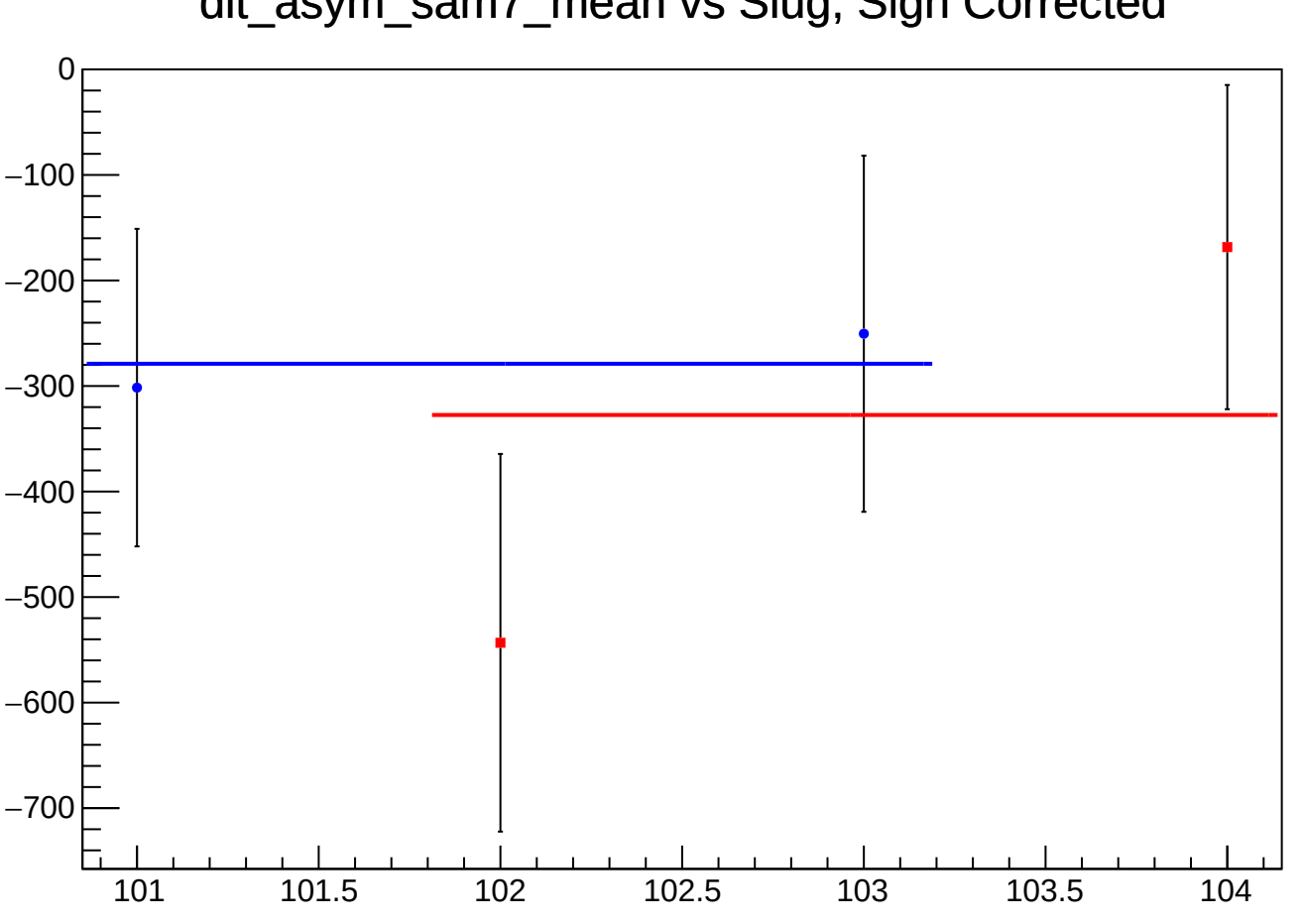
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 388.559+/-0.186 χ^2/NDF: 9023.6/3

In: 378.173+/-0.249 χ^2/NDF:4399.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 388.559+/-0.186 χ^2/NDF: 9023.6/3



Right In: -278.921+/-112.296 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -327.453+/-116.554 χ^2/NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

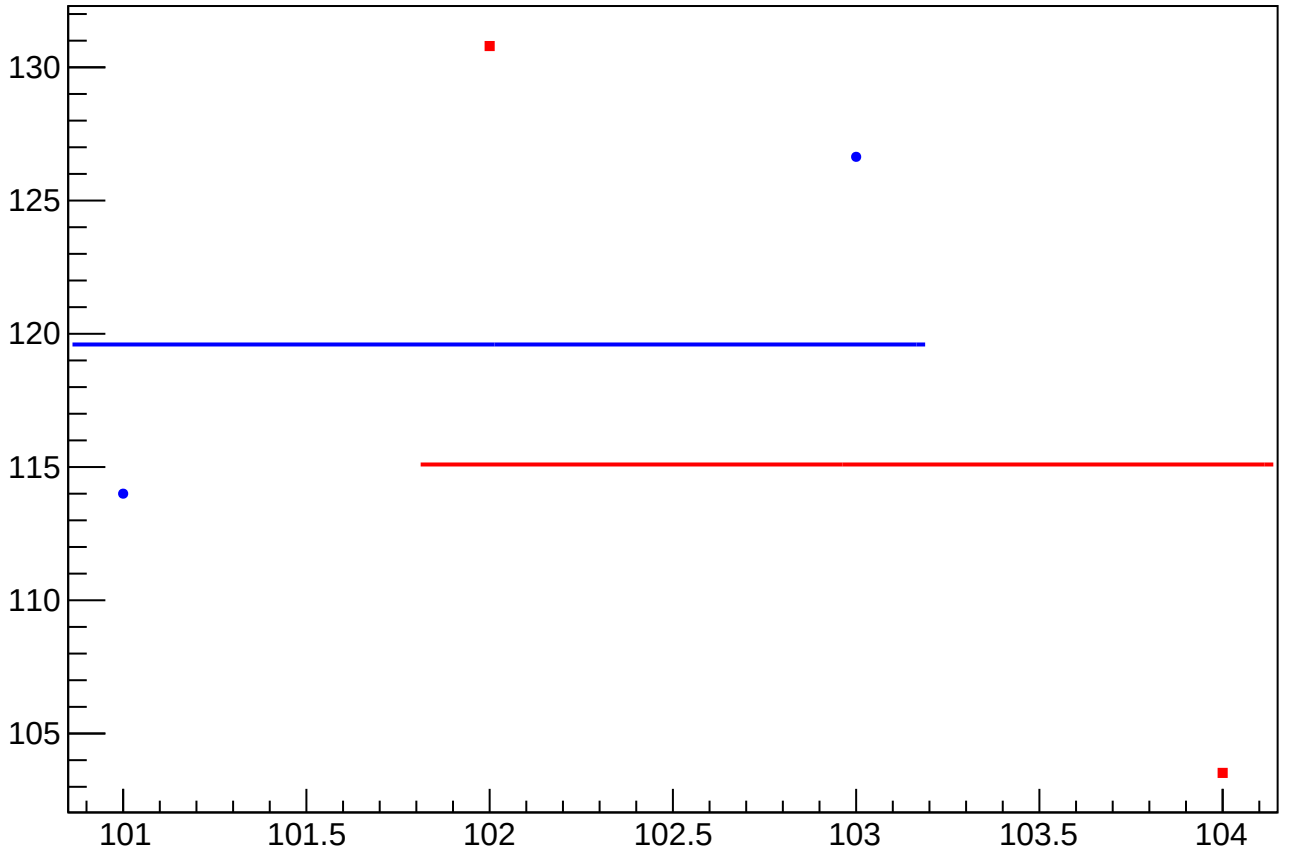
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -302.285+/-80.869 χ^2/NDF: 2.7/3

In: -278.921+/-112.296 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -302.285+/-80.869 χ^2/NDF: 2.7/3



Right In: 119.599+/-0.079 χ^2/NDF: 6252.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 115.096+/-0.082 χ^2/NDF: 26756.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

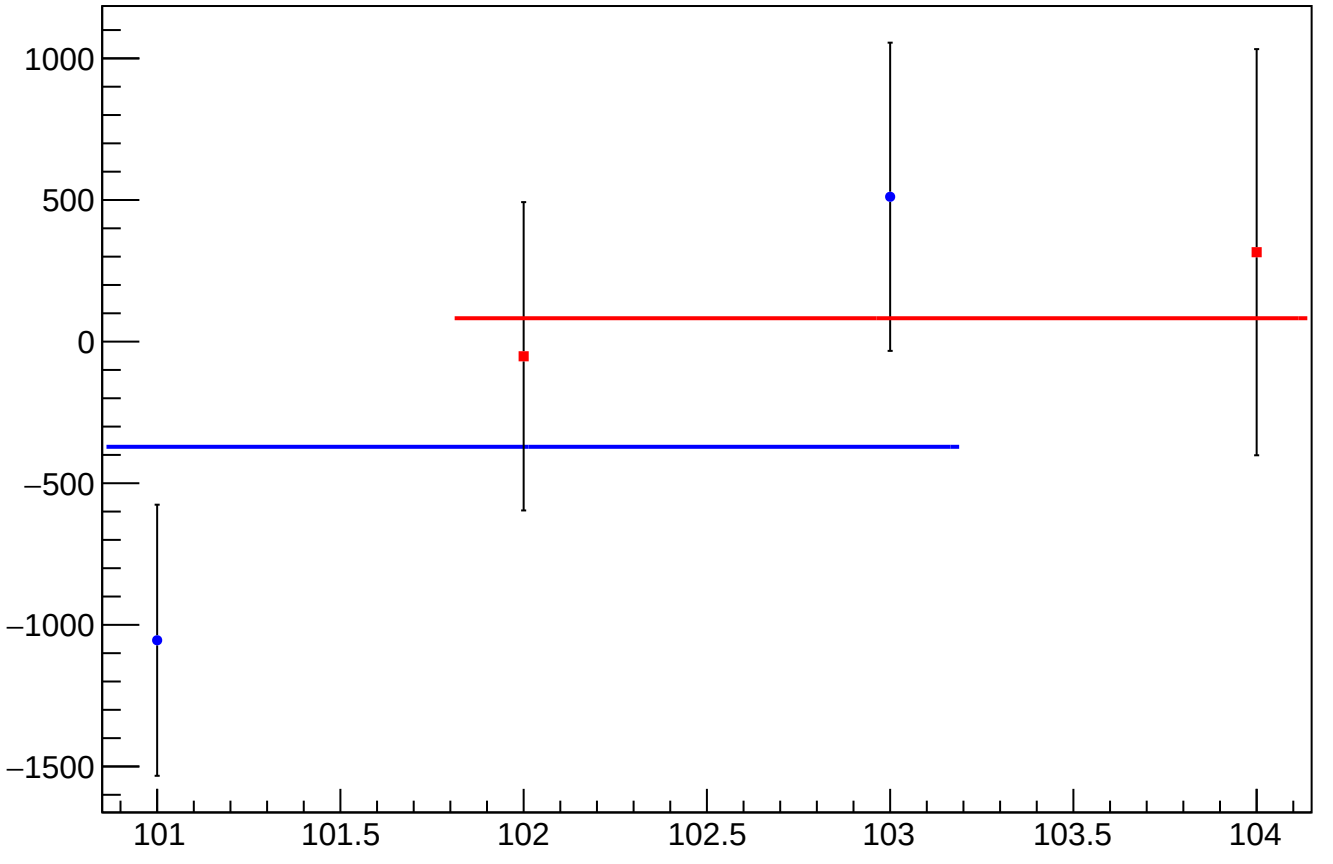
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 117.431+/-0.057 χ^2/NDF: 34557.6/3

In: 119.599+/-0.079 χ^2/NDF:6252.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 117.431+/-0.057 χ^2/NDF: 34557.6/3



Right In: -371.358+/-359.351 χ^2/NDF: 4.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 82.559+/-433.528 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

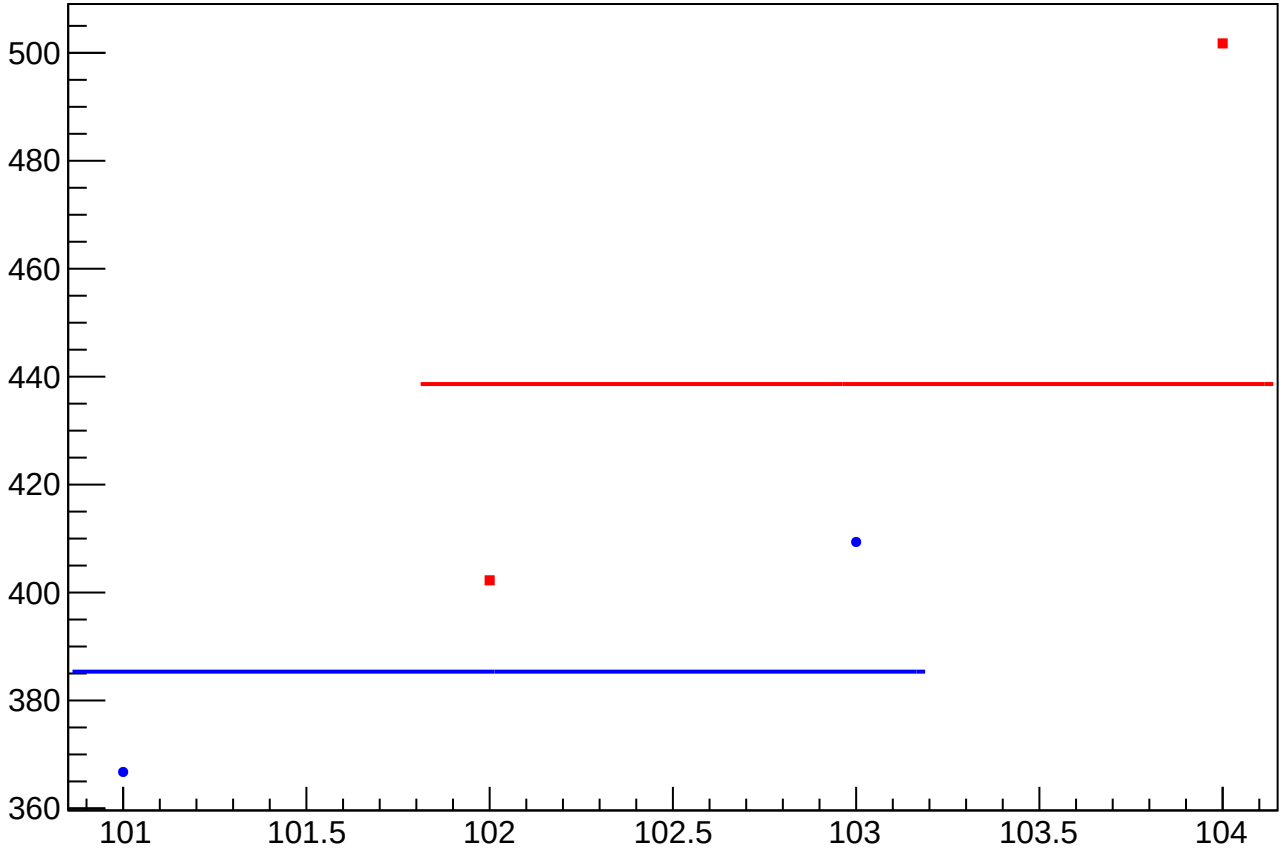
Right: -186.496+/-276.664 χ^2/NDF: 5.5/3

In: -371.358+/-359.351 χ^2/NDF:4.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -186.496+/-276.664 χ^2/NDF: 5.5/3

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 385.342+/-0.254 χ^2/NDF: 6917.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 438.634+/-0.307 χ^2/NDF: 24427.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

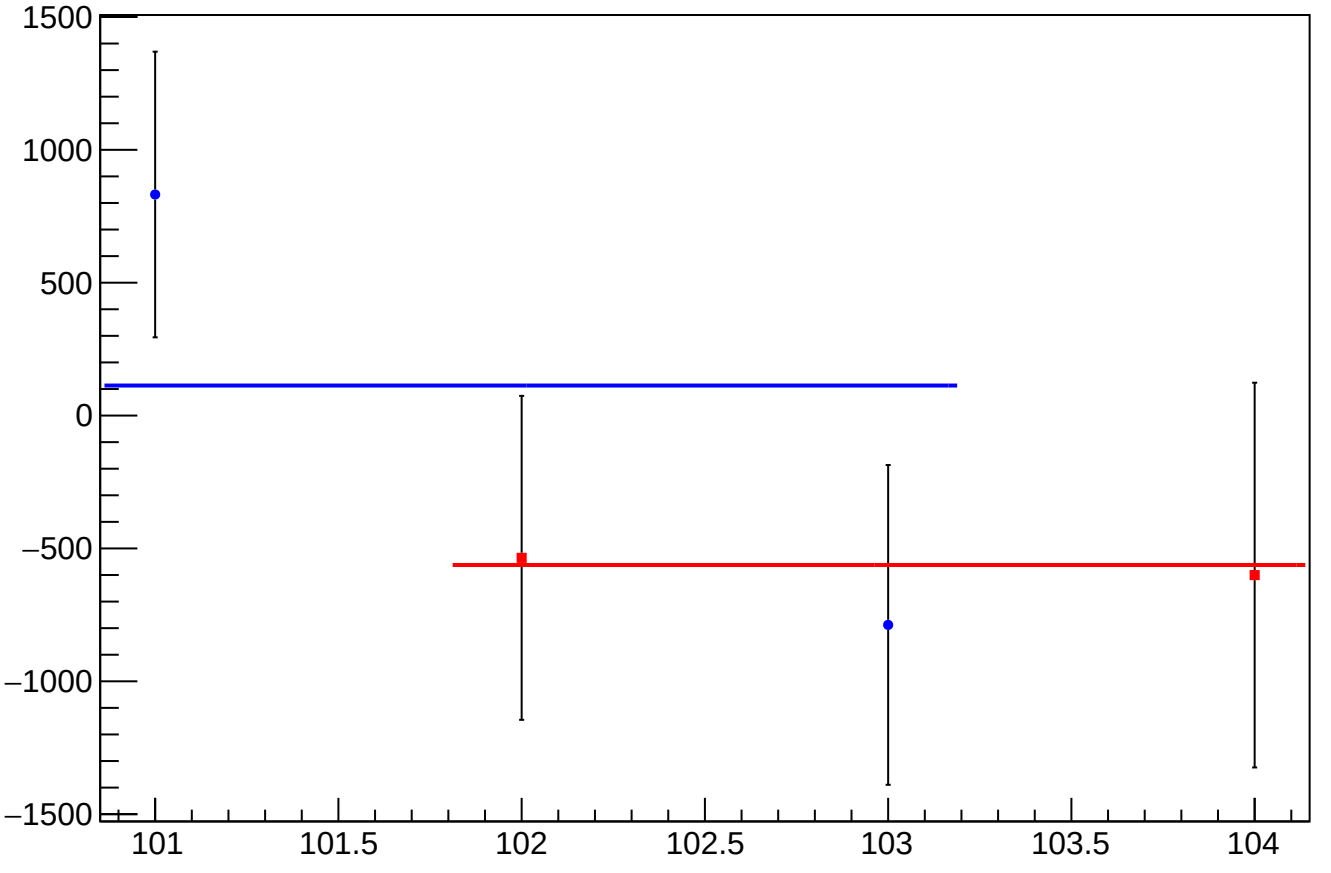
Right: 407.046+/-0.196 χ^2/NDF: 49258.2/3

In: 385.342+/-0.254 χ^2/NDF:6917.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 407.046+/-0.196 χ^2/NDF: 49258.2/3

asym_sam7_mean vs Slug, Sign Corrected



Right In: 113.005+/-400.842 χ^2/NDF: 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -562.315+/-466.275 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

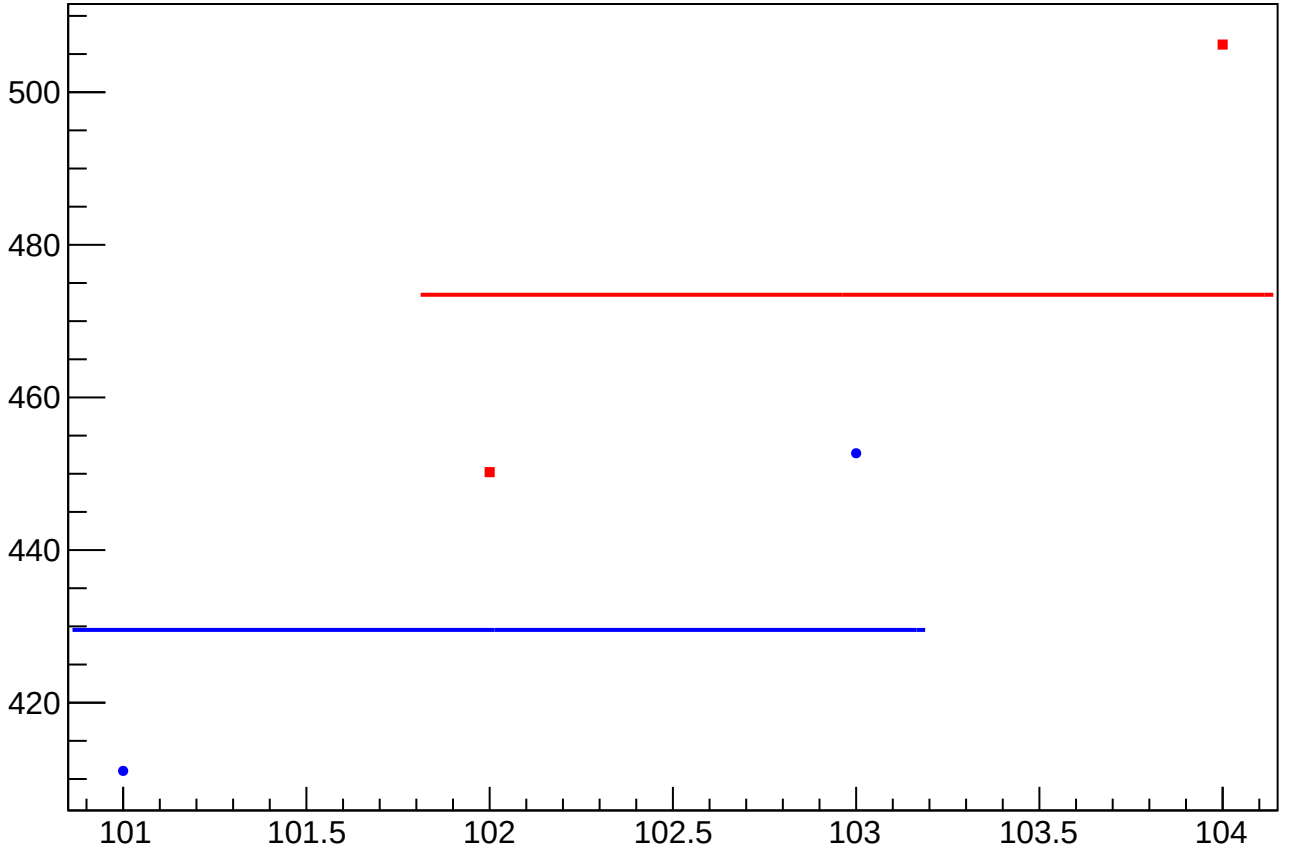
Right: -173.983+/-303.962 χ^2/NDF: 5.2/3

In: 113.005+/-400.842 χ^2/NDF:4.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -173.983+/-303.962 χ^2/NDF: 5.2/3

asym_sam7_rms vs Slug, Sign Corrected



Right In: 429.537+/-0.283 χ^2/NDF: 5324.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 473.457+/-0.330 χ^2/NDF: 7009.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

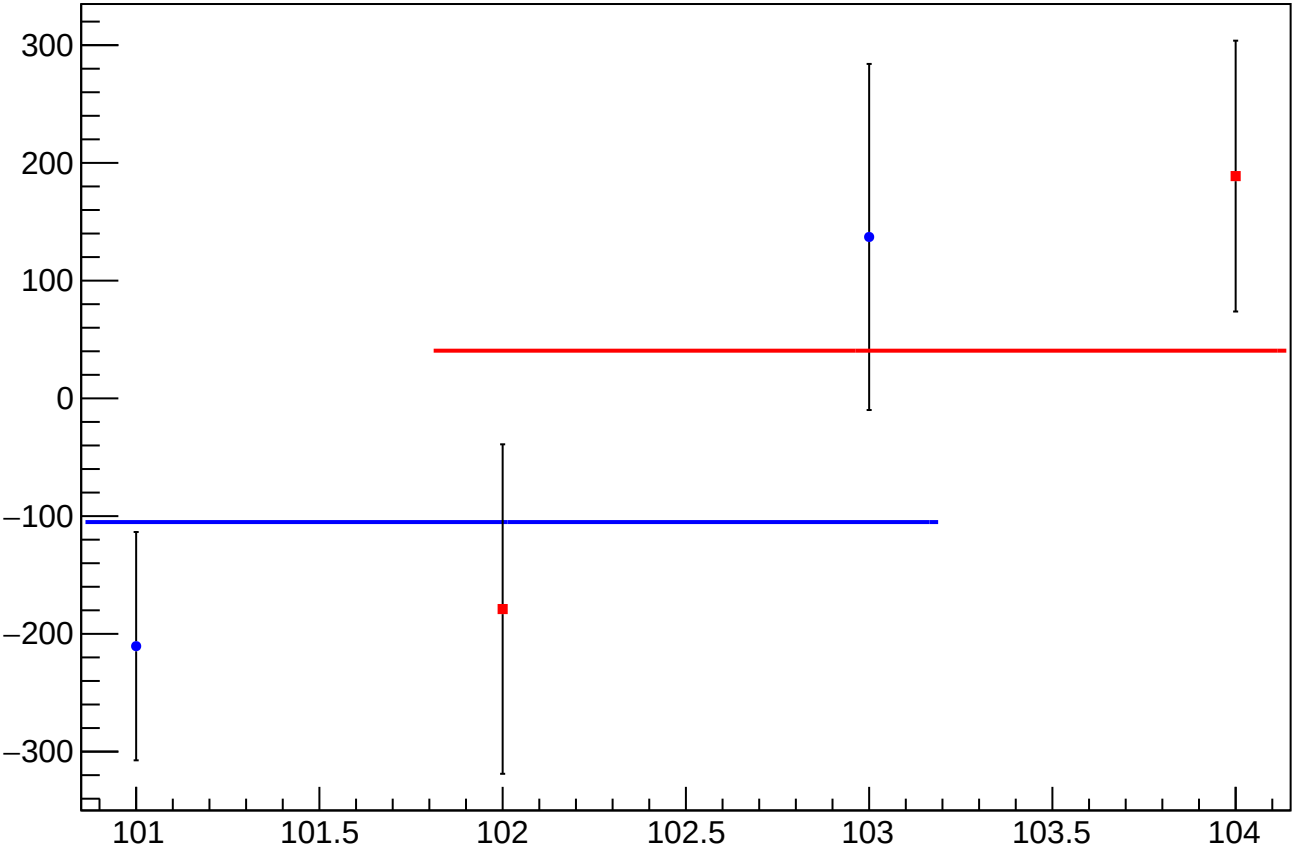
Right: 448.202+/-0.215 χ^2/NDF: 22537.6/3

In: 429.537+/-0.283 χ^2/NDF:5324.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 448.202+/-0.215 χ^2/NDF: 22537.6/3

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -105.051+/-80.932 χ^2/NDF: 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 40.513+/-88.851 χ^2/NDF: 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

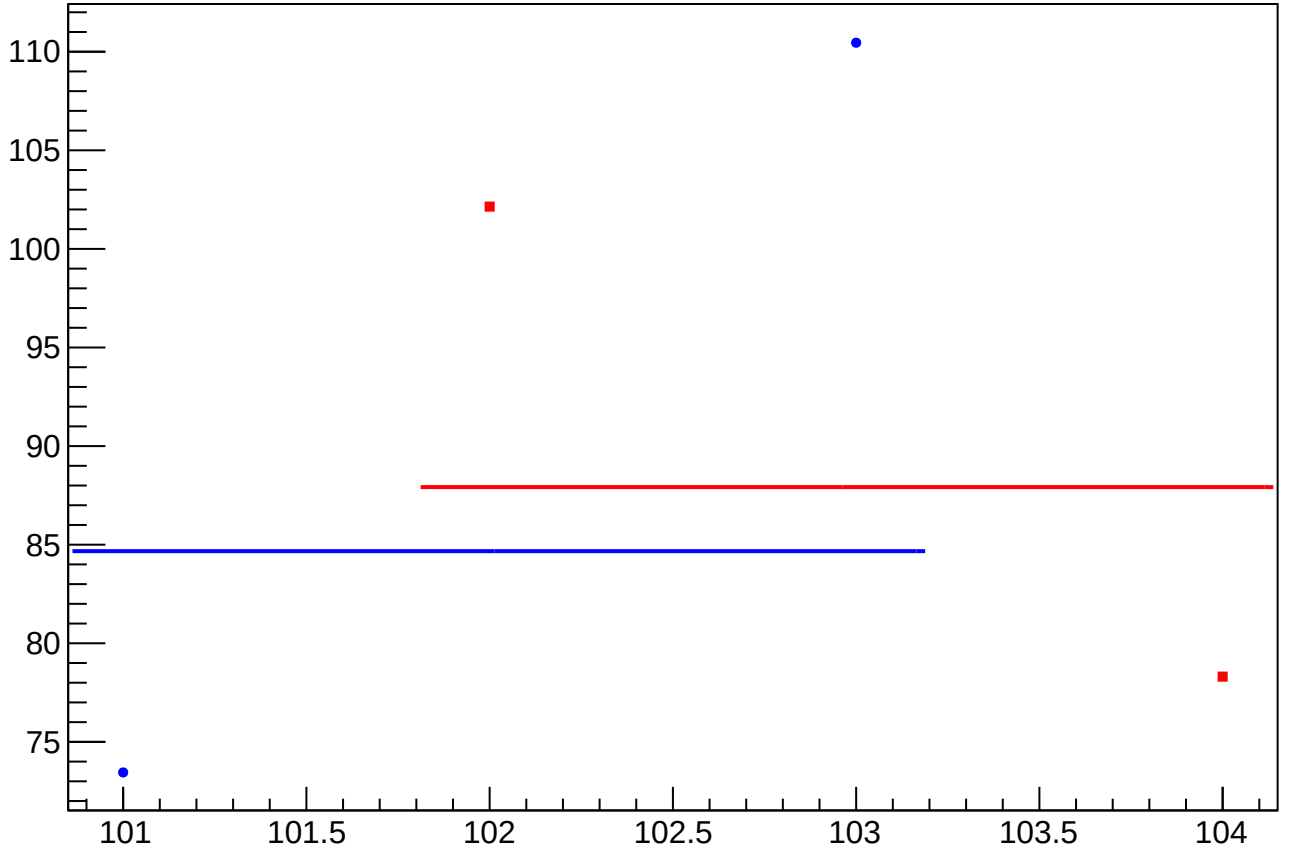
Right: -39.044+/-59.832 χ^2/NDF: 9.5/3

In: -105.051+/-80.932 χ^2/NDF:3.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -39.044+/-59.832 χ^2/NDF: 9.5/3

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 84.672+/-0.057 χ^2/NDF: 88355.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 87.920+/-0.063 χ^2/NDF: 34639.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

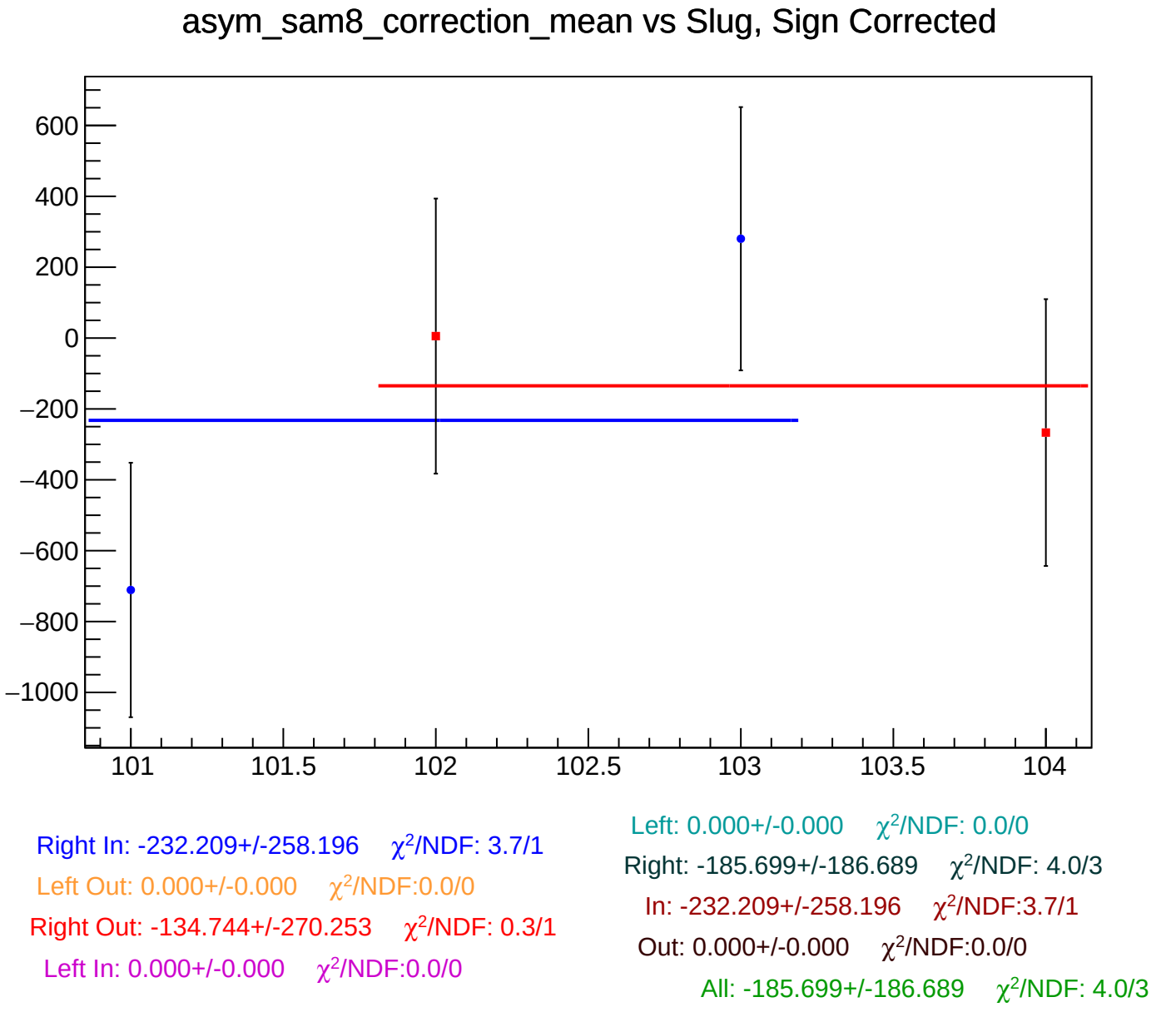
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

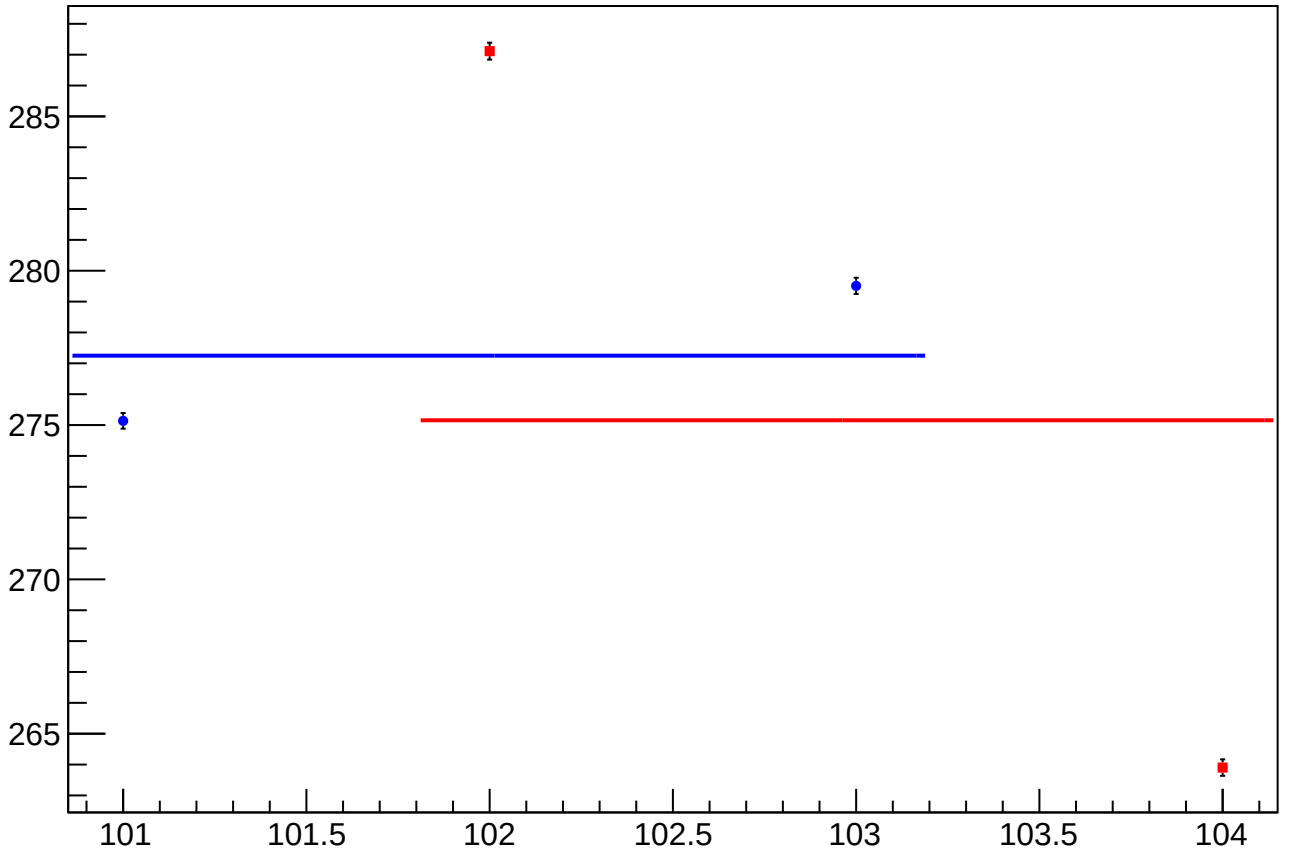
Right: 86.145+/-0.042 χ^2/NDF: 124455.6/3

In: 84.672+/-0.057 χ^2/NDF:88355.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 86.145+/-0.042 χ^2/NDF: 124455.6/3


asym_sam8_correction_mean vs Slug, Sign Corrected
600
400
200
0
−200
−400
−600
−800
−1000
101
101.5
102
102.5
103
103.5
104
Right In: -232.209+/-258.196 χ²/NDF: 3.7/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -134.744+/-270.253 χ²/NDF: 0.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -185.699+/-186.689 χ²/NDF: 4.0/3
In: -232.209+/-258.196 χ²/NDF:3.7/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -185.699+/-186.689 χ²/NDF: 4.0/3



Right In: 277.248+/-0.183 χ^2/NDF: 143.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 275.155+/-0.191 χ^2/NDF: 3685.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

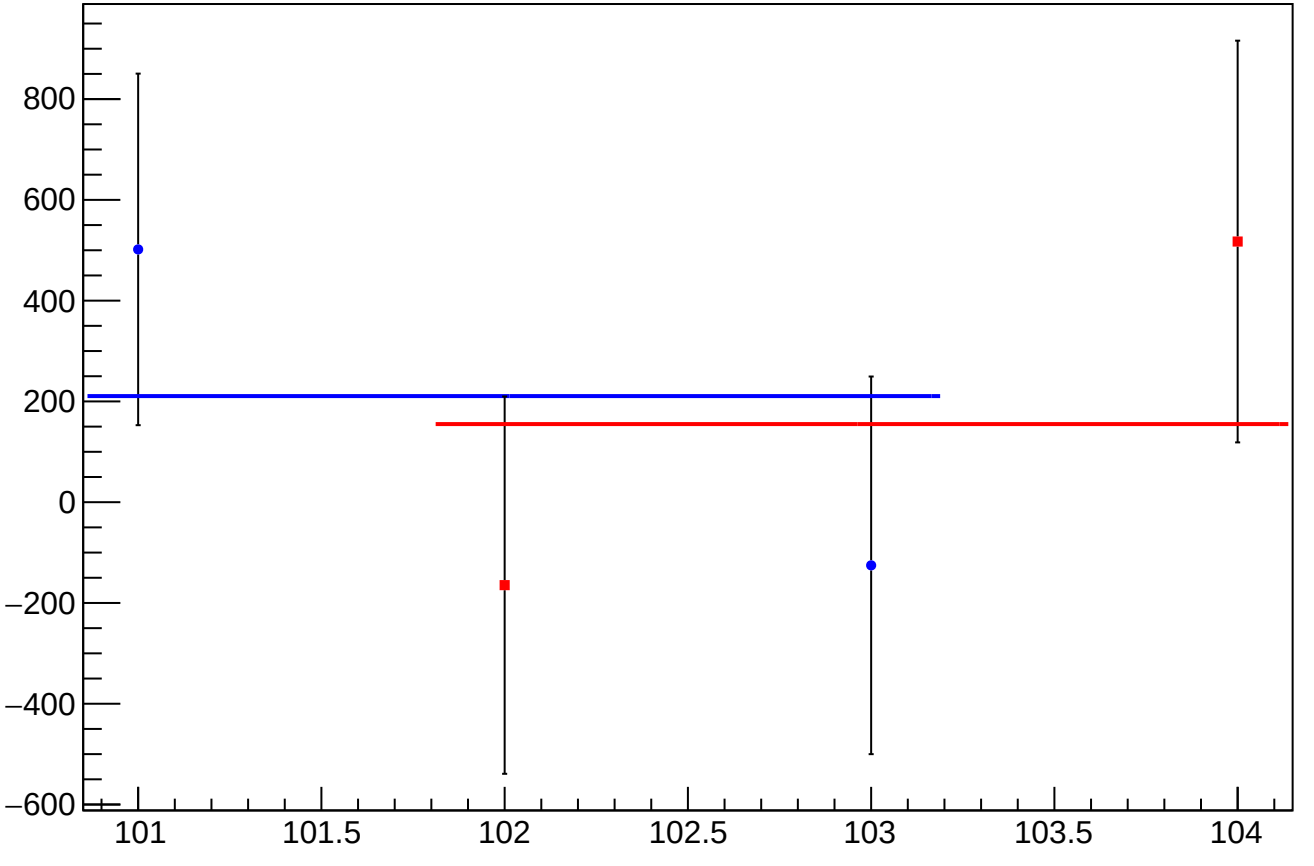
Right: 276.249+/-0.132 χ^2/NDF: 3891.2/3

In: 277.248+/-0.183 χ^2/NDF:143.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 276.249+/-0.132 χ^2/NDF: 3891.2/3

asym_sam8_mean vs Slug, Sign Corrected



Right In: 210.587+/-255.340 χ^2/NDF: 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 155.032+/-272.927 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

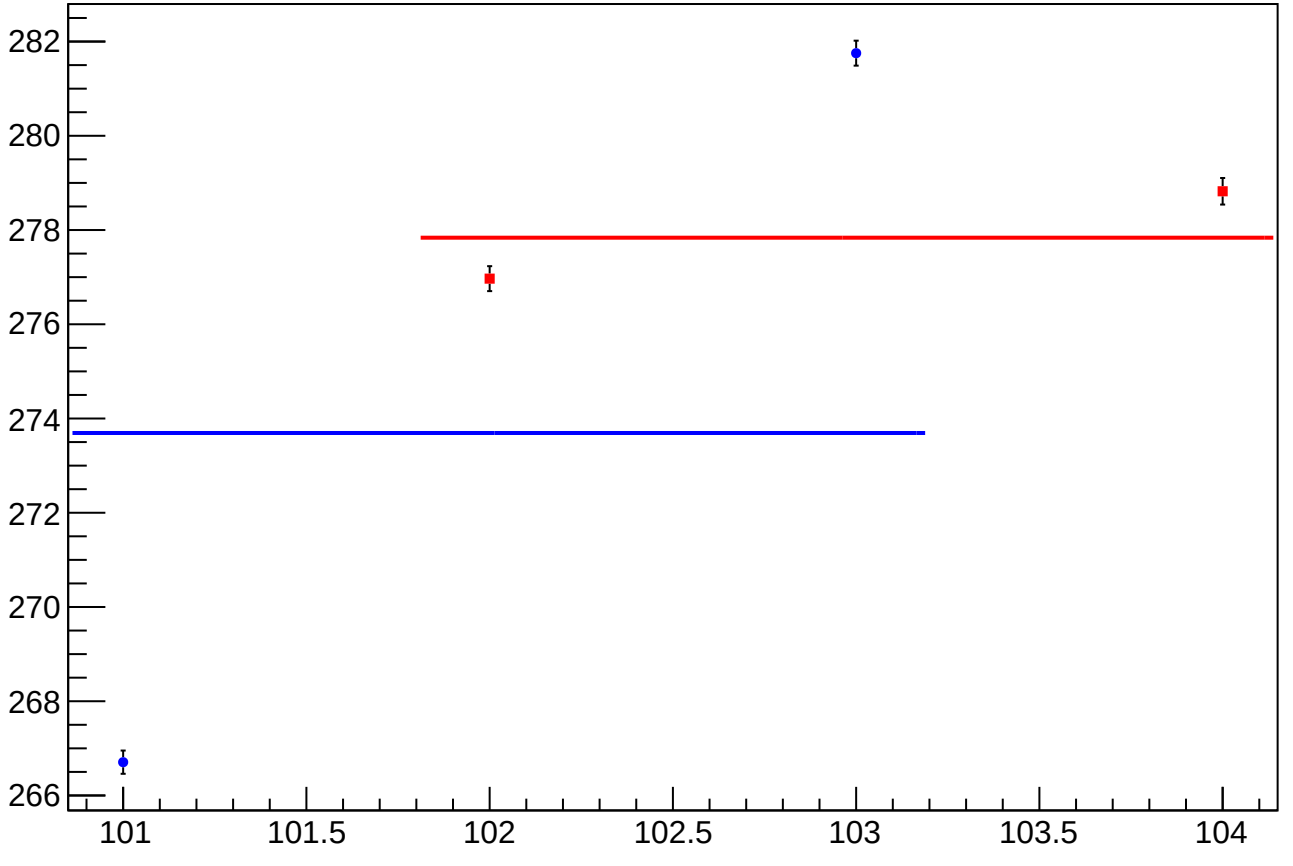
Right: 184.657+/-186.460 χ^2/NDF: 3.1/3

In: 210.587+/-255.340 χ^2/NDF:1.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 184.657+/-186.460 χ^2/NDF: 3.1/3

asym_sam8_rms vs Slug, Sign Corrected



Right In: 273.693+/-0.181 χ^2/NDF: 1727.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 277.837+/-0.193 χ^2/NDF: 23.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

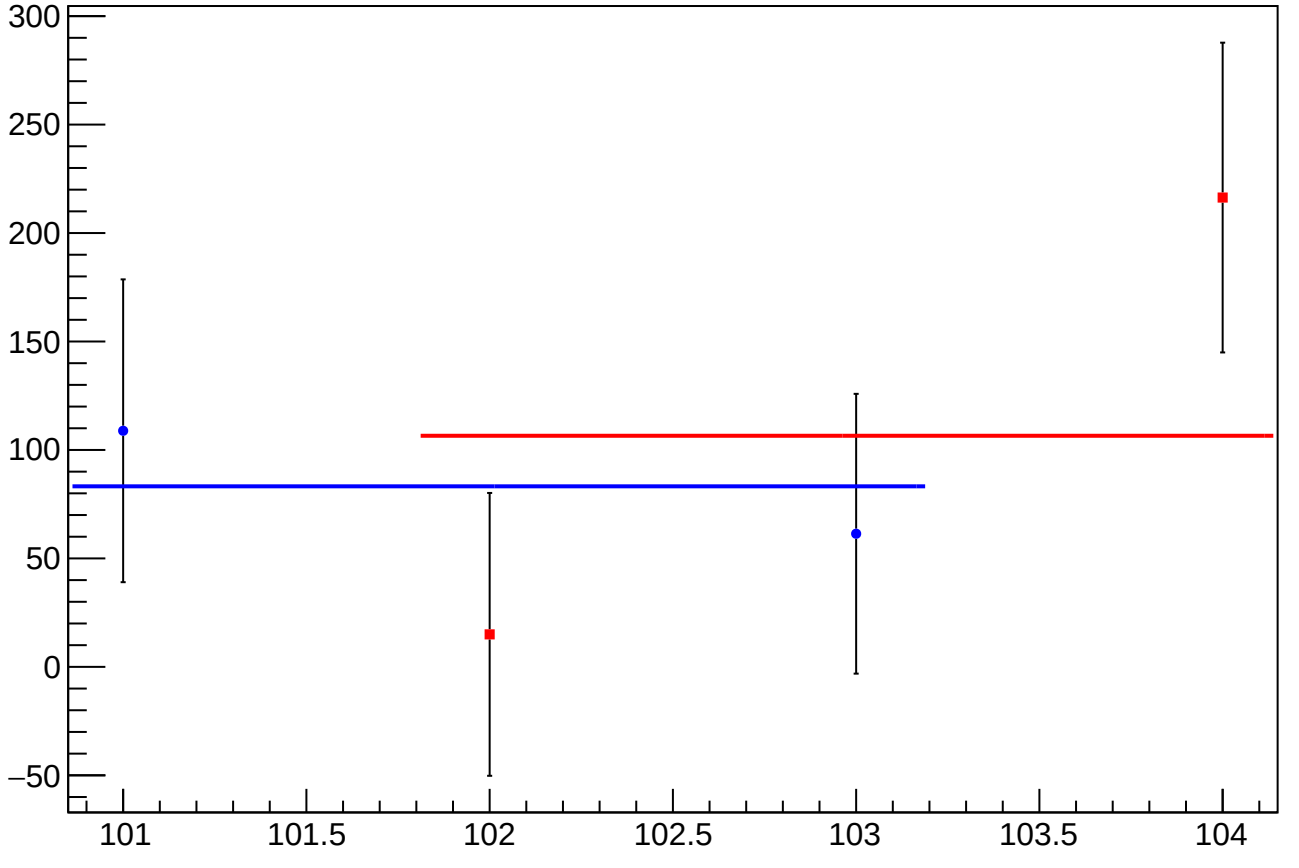
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 275.627+/-0.132 χ^2/NDF: 1996.3/3

In: 273.693+/-0.181 χ^2/NDF:1727.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 275.627+/-0.132 χ^2/NDF: 1996.3/3



Right In: 83.233+/-47.368 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 106.541+/-48.147 χ^2/NDF: 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

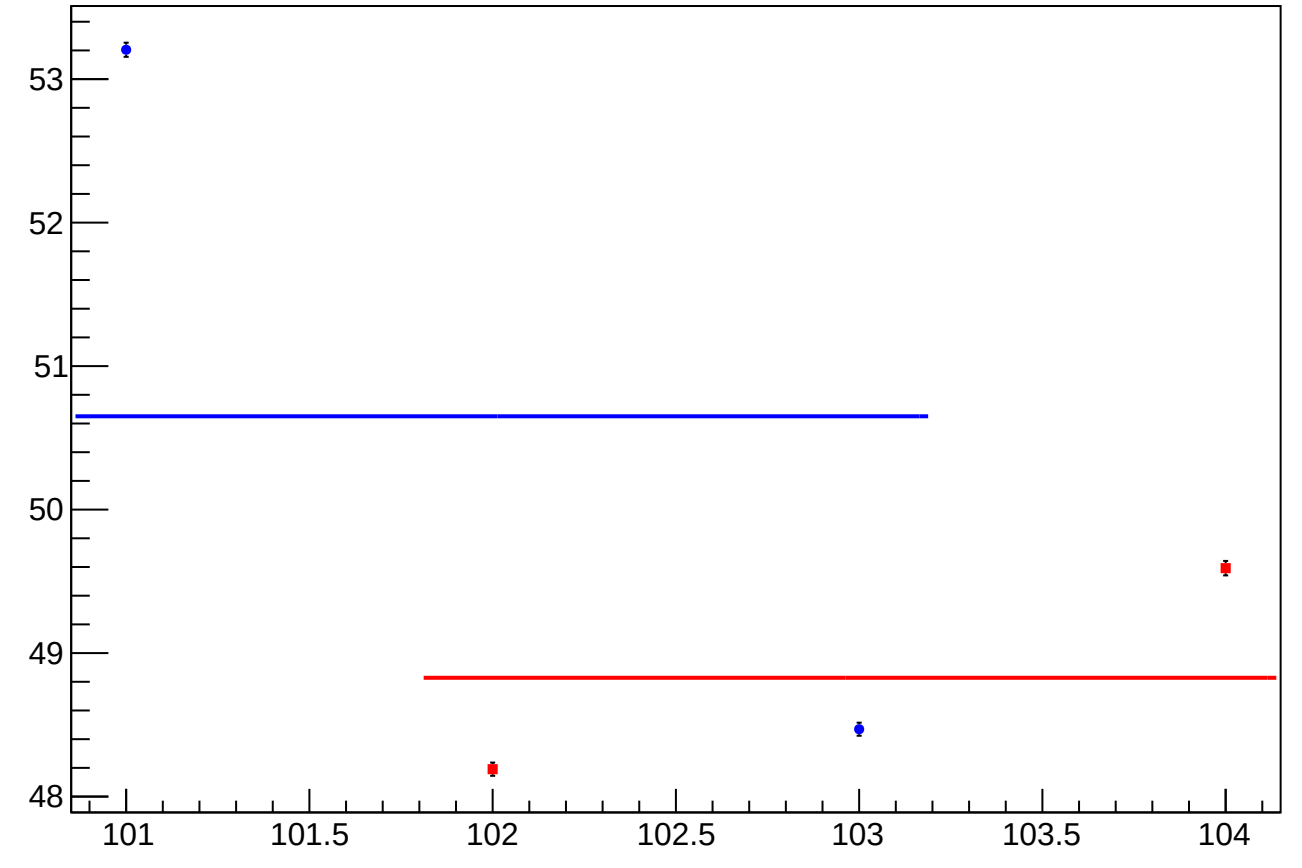
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 94.697+/-33.766 χ^2/NDF: 4.7/3

In: 83.233+/-47.368 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 94.697+/-33.766 χ^2/NDF: 4.7/3



Right In: 50.650+/-0.033 χ^2/NDF: 4965.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 48.828+/-0.034 χ^2/NDF: 419.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

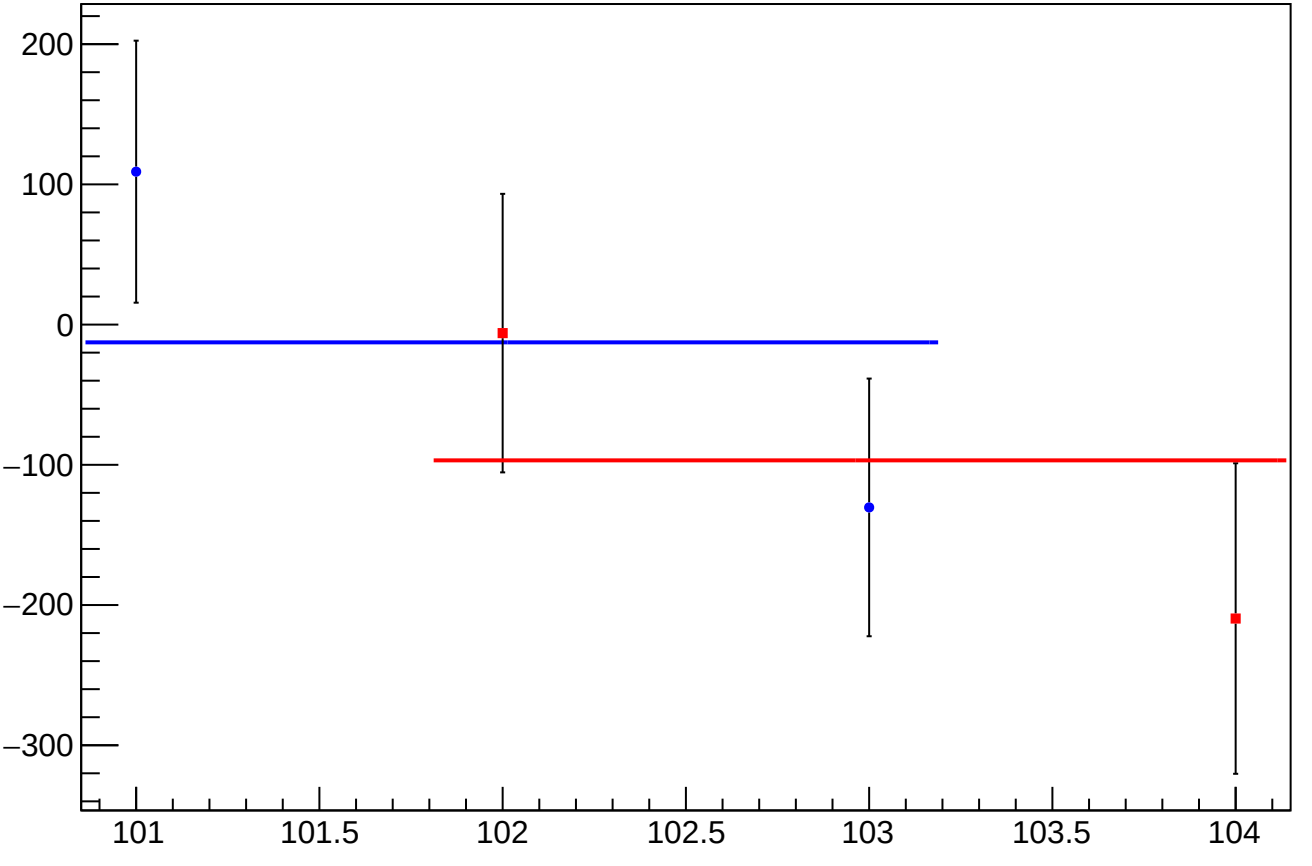
Right: 49.754+/-0.024 χ^2/NDF: 6841.3/3

In: 50.650+/-0.033 χ^2/NDF:4965.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 49.754+/-0.024 χ^2/NDF: 6841.3/3

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -12.666+/-65.510 χ^2/NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -96.824+/-73.935 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

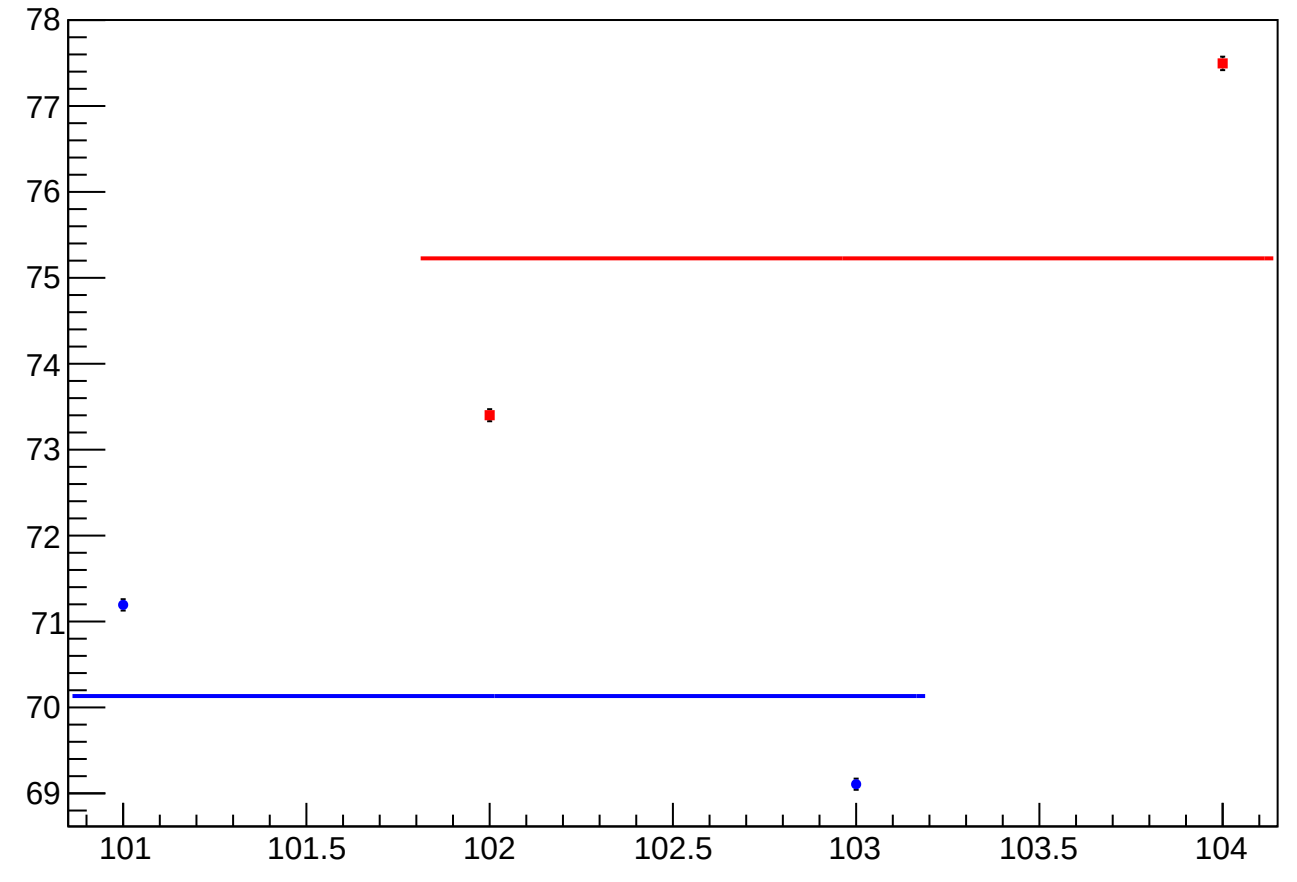
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -49.679+/-49.032 χ^2/NDF: 5.9/3

In: -12.666+/-65.510 χ^2/NDF:3.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -49.679+/-49.032 χ^2/NDF: 5.9/3



Right In: 70.132+/-0.046 χ^2/NDF: 507.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 75.227+/-0.052 χ^2/NDF: 1515.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

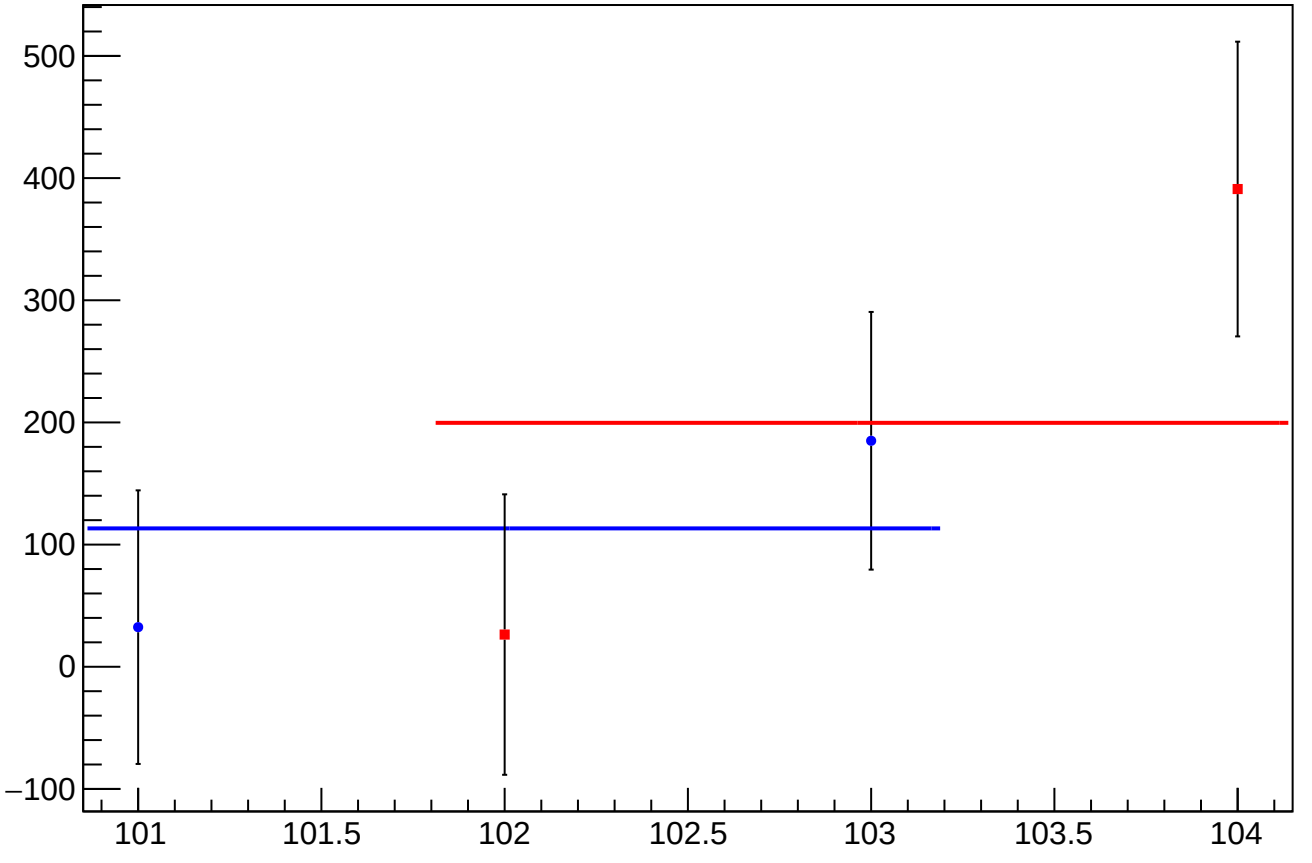
Right: 72.373+/-0.035 χ^2/NDF: 7341.9/3

In: 70.132+/-0.046 χ^2/NDF:507.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 72.373+/-0.035 χ^2/NDF: 7341.9/3

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 113.266+/-76.772 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 199.671+/-83.155 χ^2/NDF: 4.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

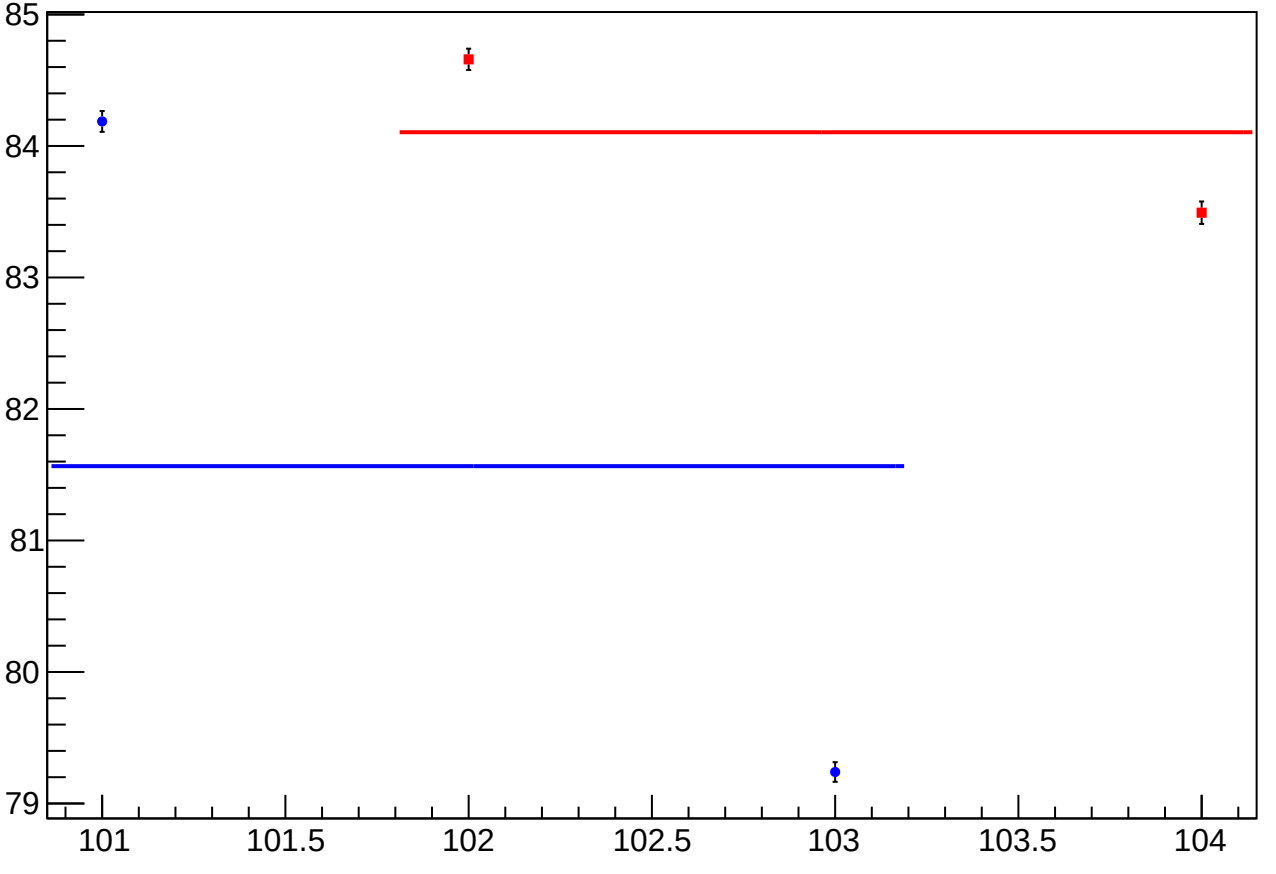
Right: 153.025+/-56.408 χ^2/NDF: 6.4/3

In: 113.266+/-76.772 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 153.025+/-56.408 χ^2/NDF: 6.4/3

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 81.565+/-0.054 χ^2/NDF: 2068.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 84.104+/-0.059 χ^2/NDF: 98.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

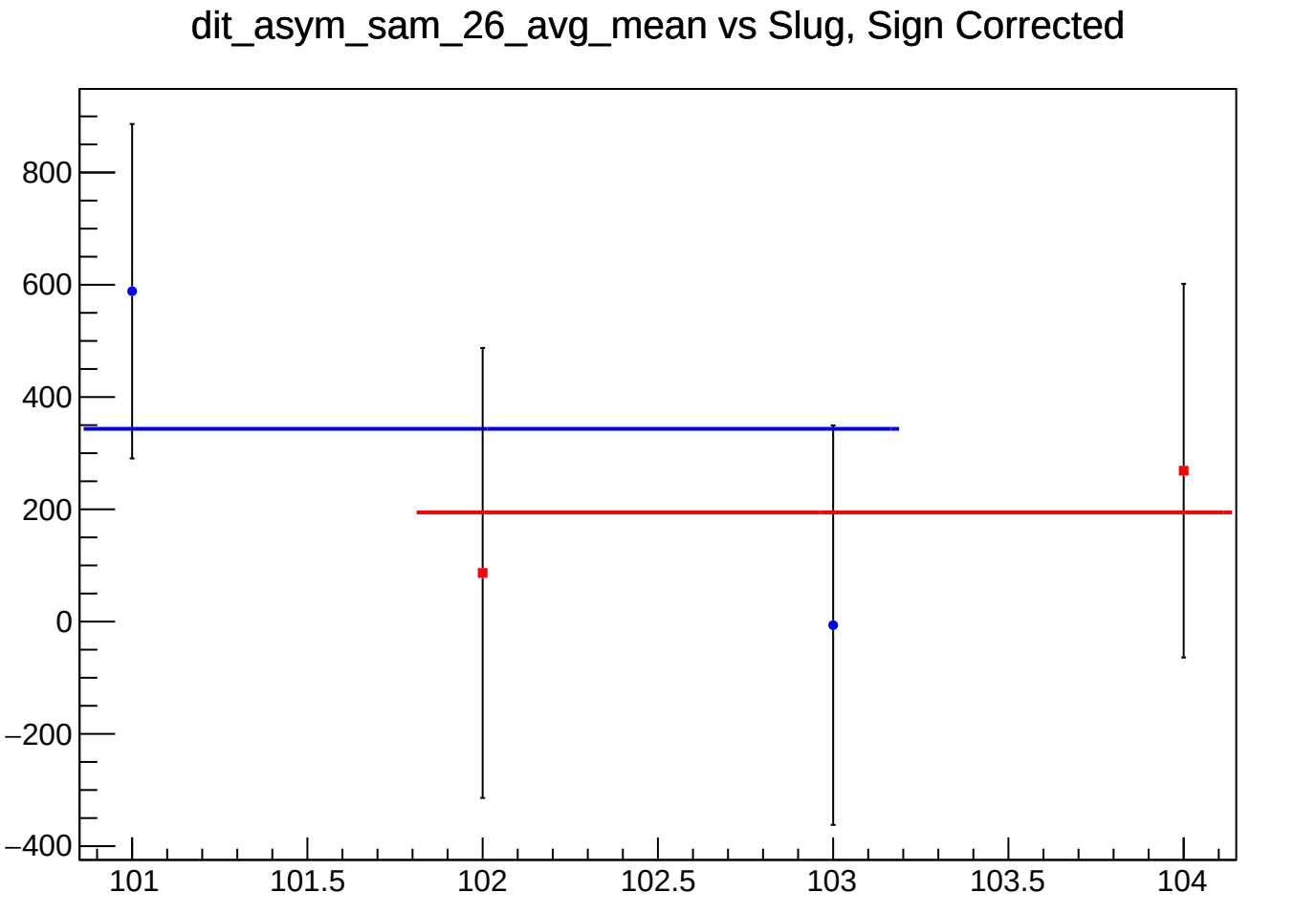
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

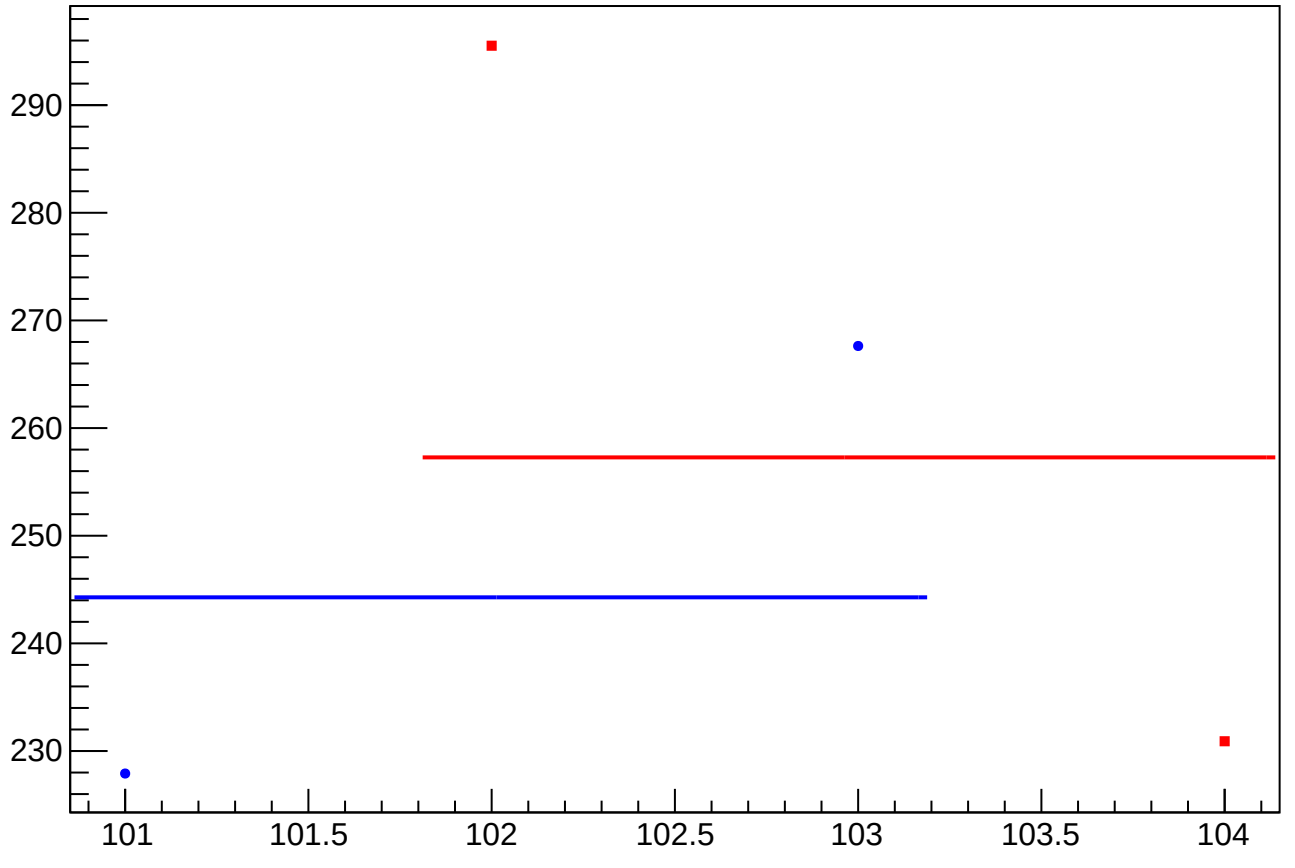
Right: 82.734+/-0.040 χ^2/NDF: 3173.7/3

In: 81.565+/-0.054 χ^2/NDF:2068.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 82.734+/-0.040 χ^2/NDF: 3173.7/3


dit_asym_sam_26_avg_mean vs Slug, Sign Corrected
800
600
400
200
0
−200
−400
101
101.5
102
102.5
103
103.5
104
Right In: 343.404+/-228.431 χ²/NDF: 1.6/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 194.515+/-256.061 χ²/NDF: 0.1/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 277.423+/-170.460 χ²/NDF: 2.0/3
In: 343.404+/-228.431 χ²/NDF:1.6/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 277.423+/-170.460 χ²/NDF: 2.0/3



Right In: 244.277+/-0.162 χ^2/NDF: 14649.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 257.277+/-0.181 χ^2/NDF: 30760.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

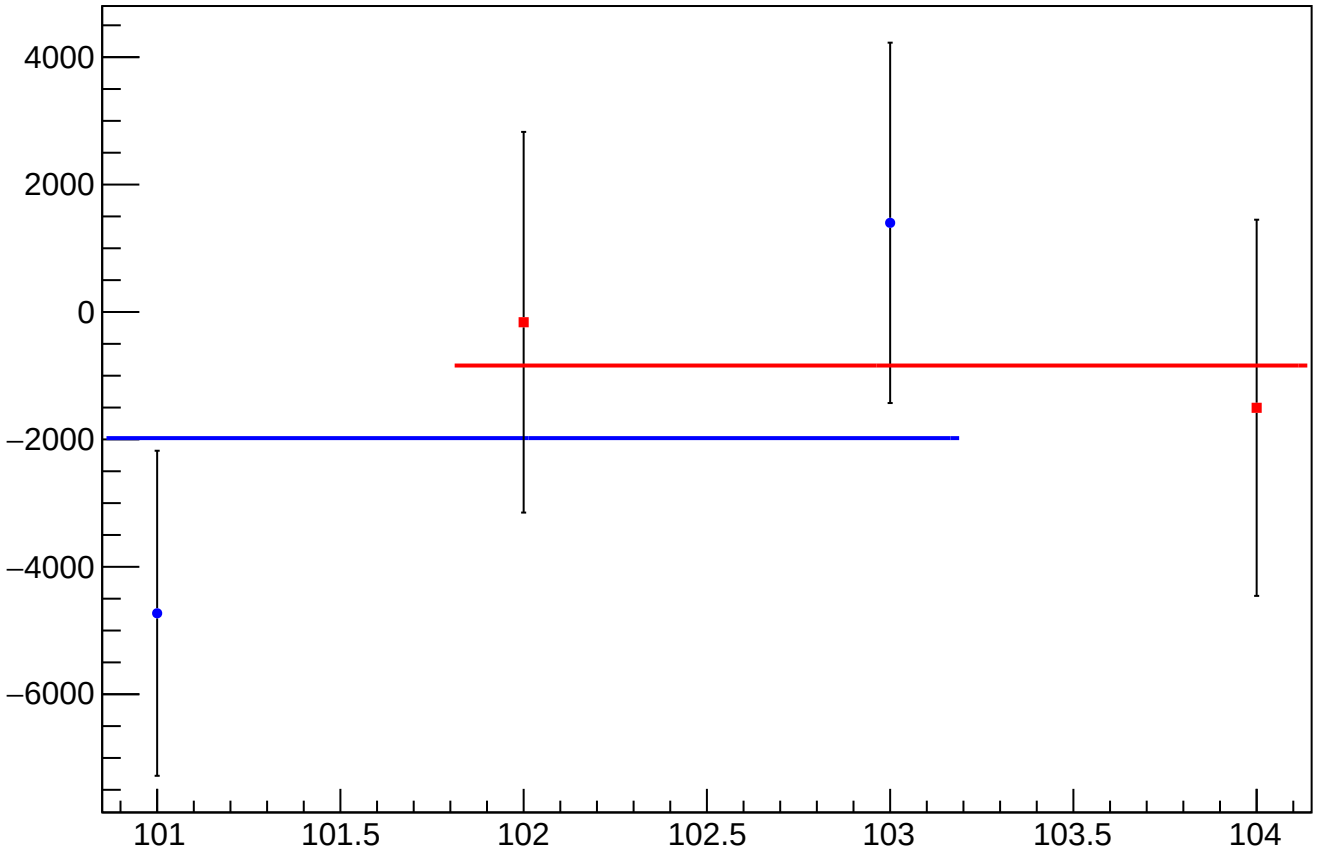
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 250.038+/-0.121 χ^2/NDF: 48279.6/3

In: 244.277+/-0.162 χ^2/NDF:14649.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 250.038+/-0.121 χ^2/NDF: 48279.6/3



Right In: -1979.755+/-1894.341 χ^2/NDF: 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -840.324+/-2100.022 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

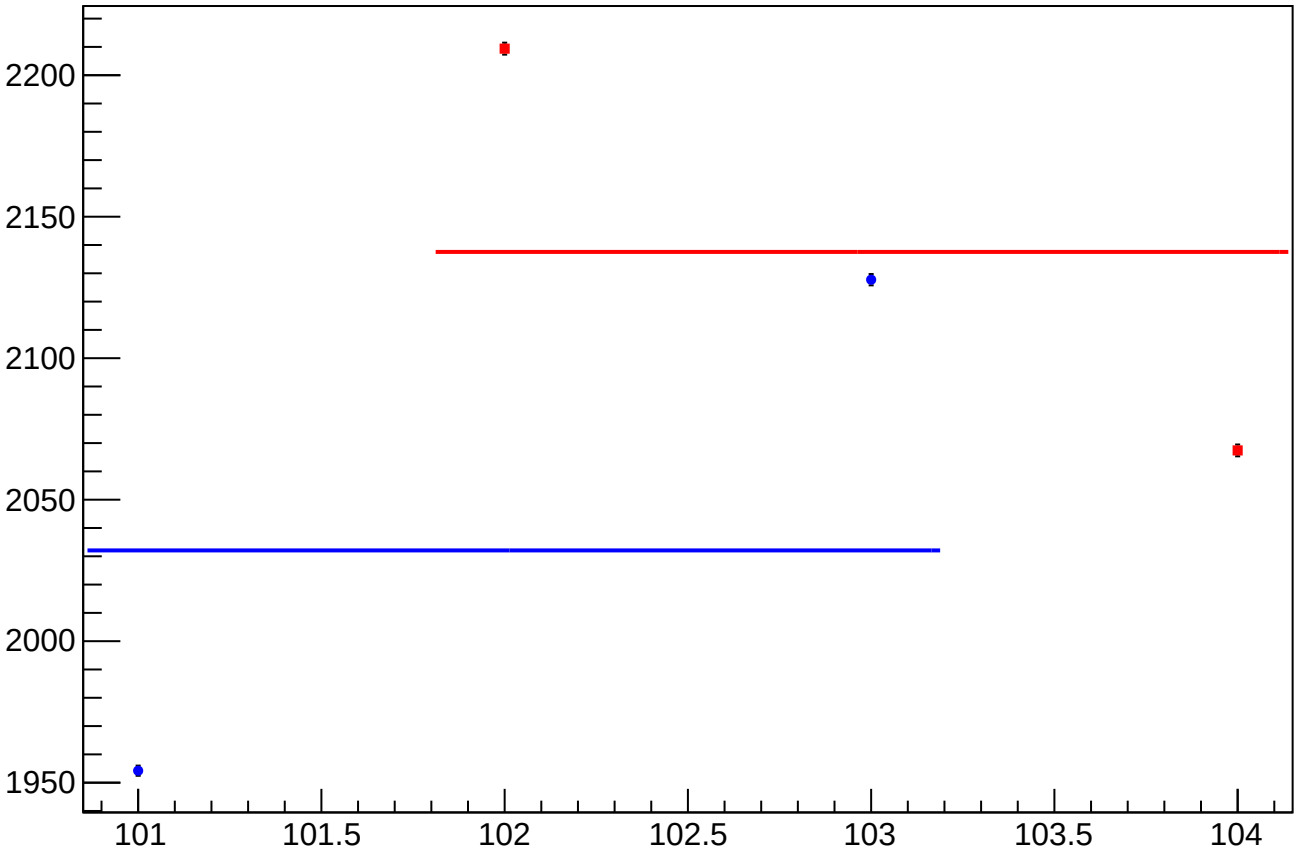
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1468.556+/-1406.613 χ^2/NDF: 2.9/3

In: -1979.755+/-1894.341 χ^2/NDF:2.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1468.556+/-1406.613 χ^2/NDF: 2.9/3



Right In: 2032.074+/-1.340 χ^2/NDF: 4150.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2137.555+/-1.485 χ^2/NDF: 2284.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

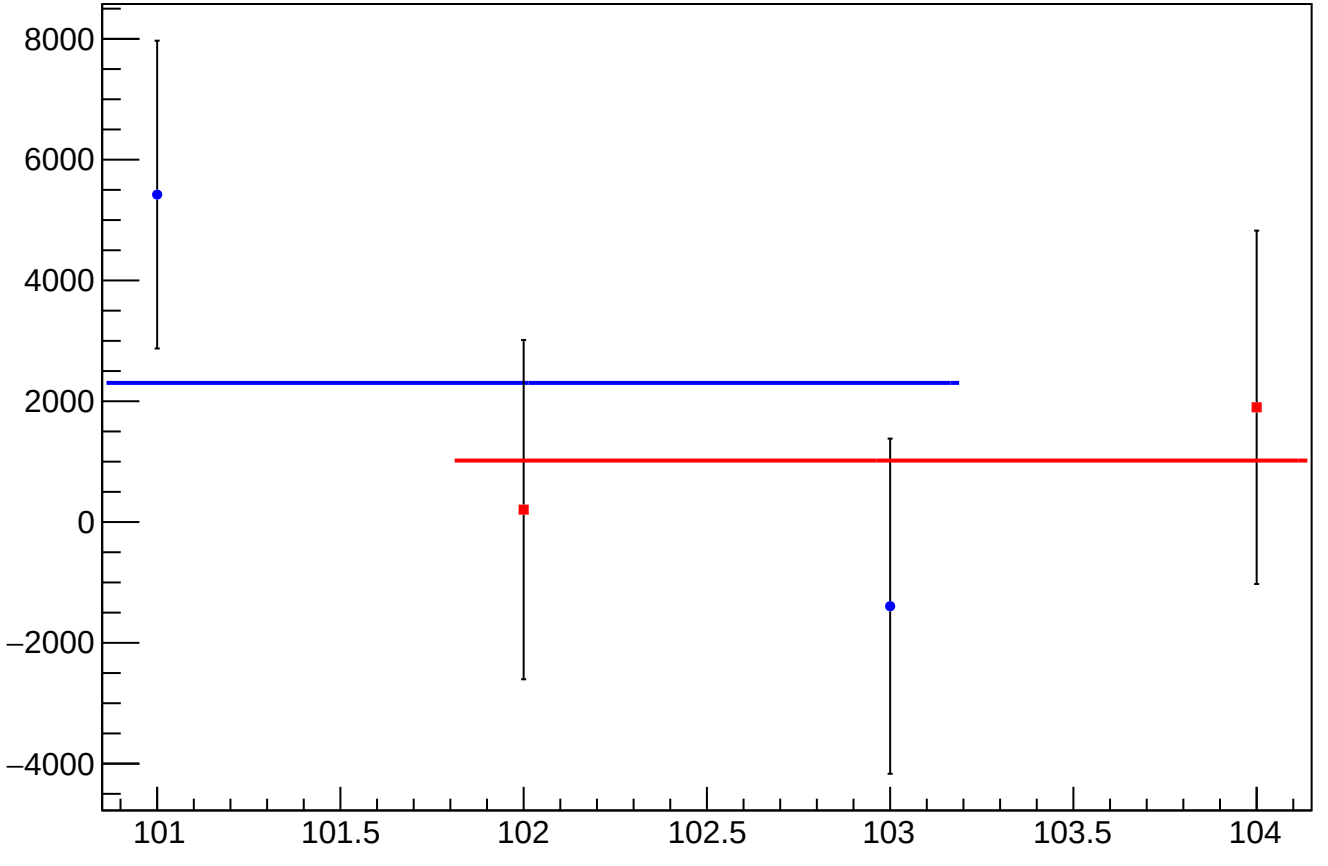
Right: 2079.397+/-0.995 χ^2/NDF: 9217.1/3

In: 2032.074+/-1.340 χ^2/NDF:4150.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2079.397+/-0.995 χ^2/NDF: 9217.1/3

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 2303.931+/-1876.966 χ^2/NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1018.193+/-2026.256 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

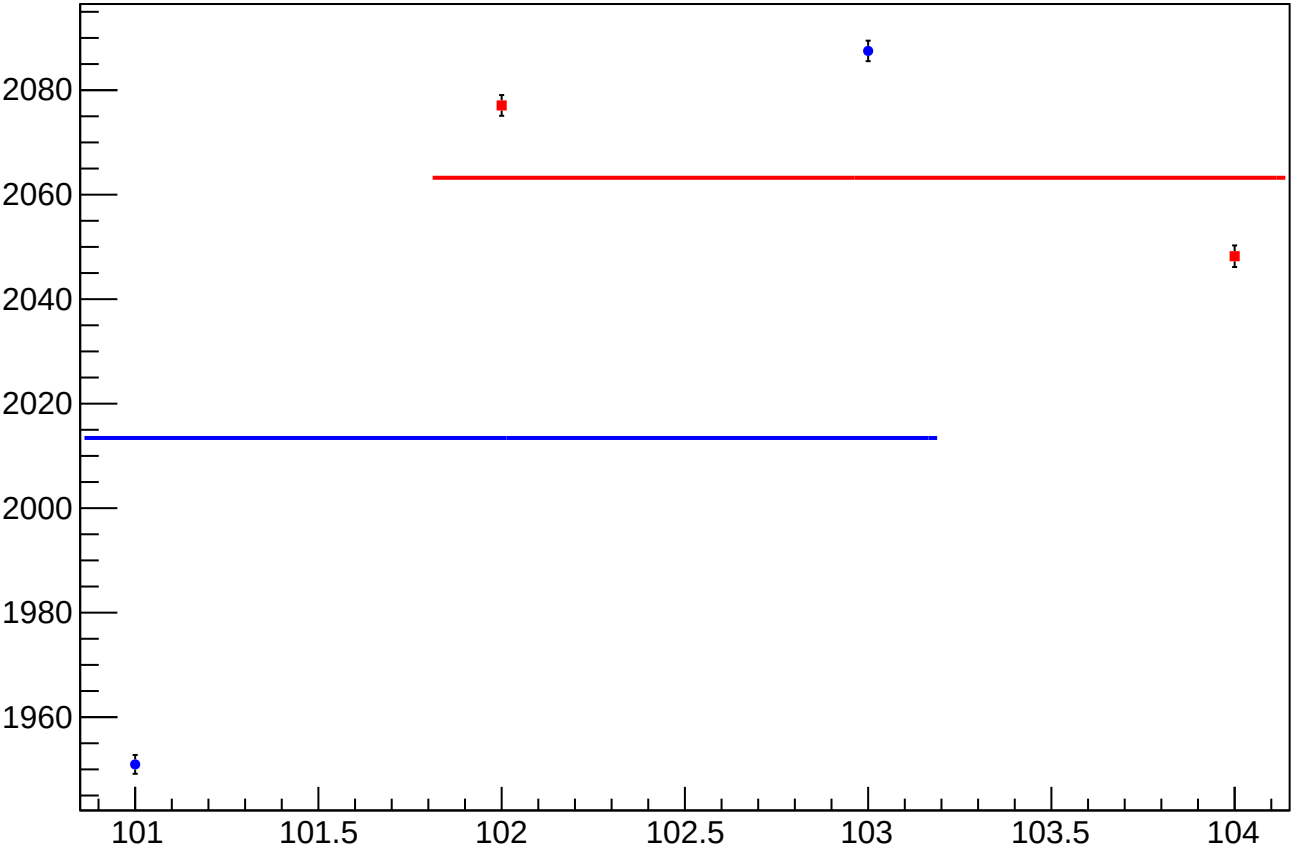
Right: 1710.167+/-1376.972 χ^2/NDF: 3.7/3

In: 2303.931+/-1876.966 χ^2/NDF:3.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1710.167+/-1376.972 χ^2/NDF: 3.7/3

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2013.433+/-1.327 χ^2/NDF: 2627.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2063.237+/-1.433 χ^2/NDF: 101.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

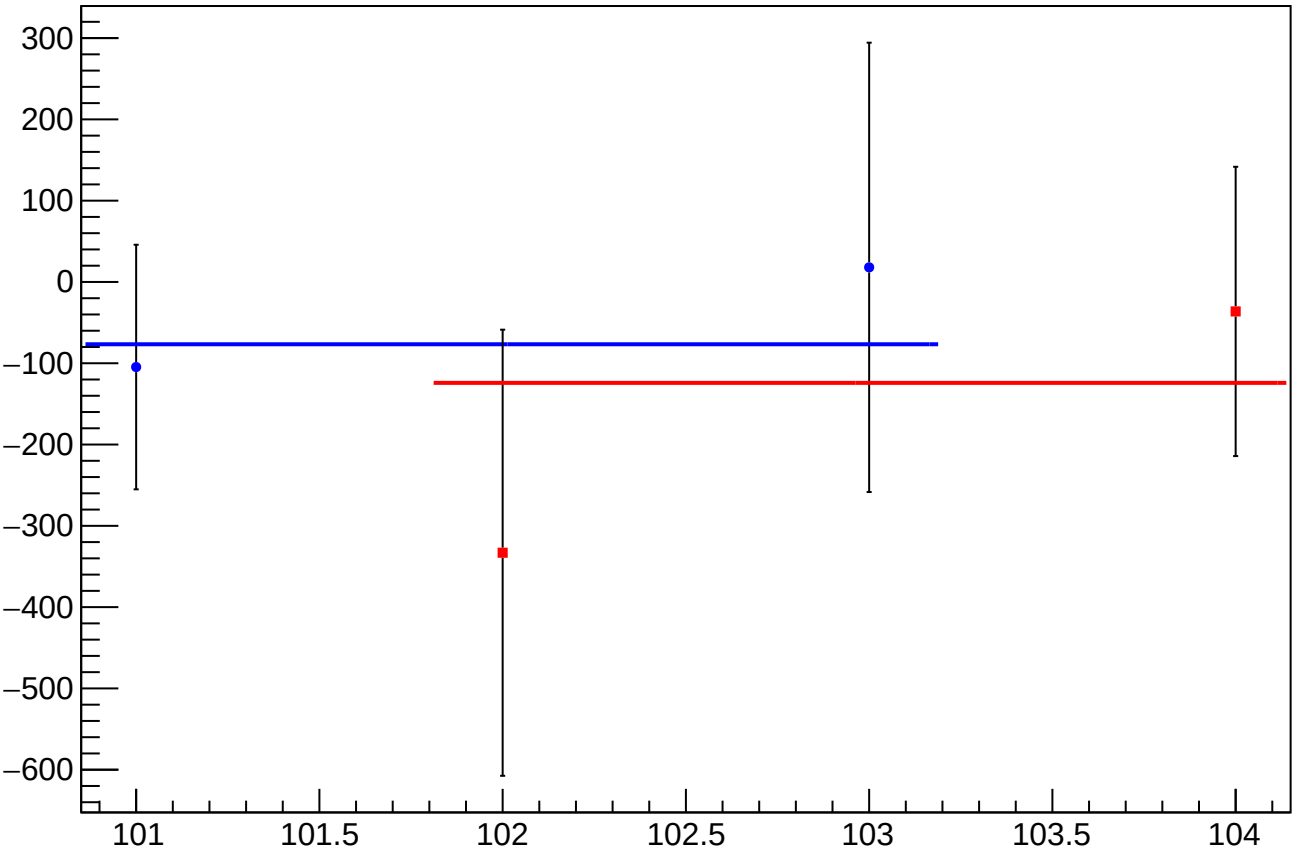
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2036.433+/-0.974 χ^2/NDF: 3379.0/3

In: 2013.433+/-1.327 χ^2/NDF:2627.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2036.433+/-0.974 χ^2/NDF: 3379.0/3



Right In: -76.639+/-132.136 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -124.128+/-149.294 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

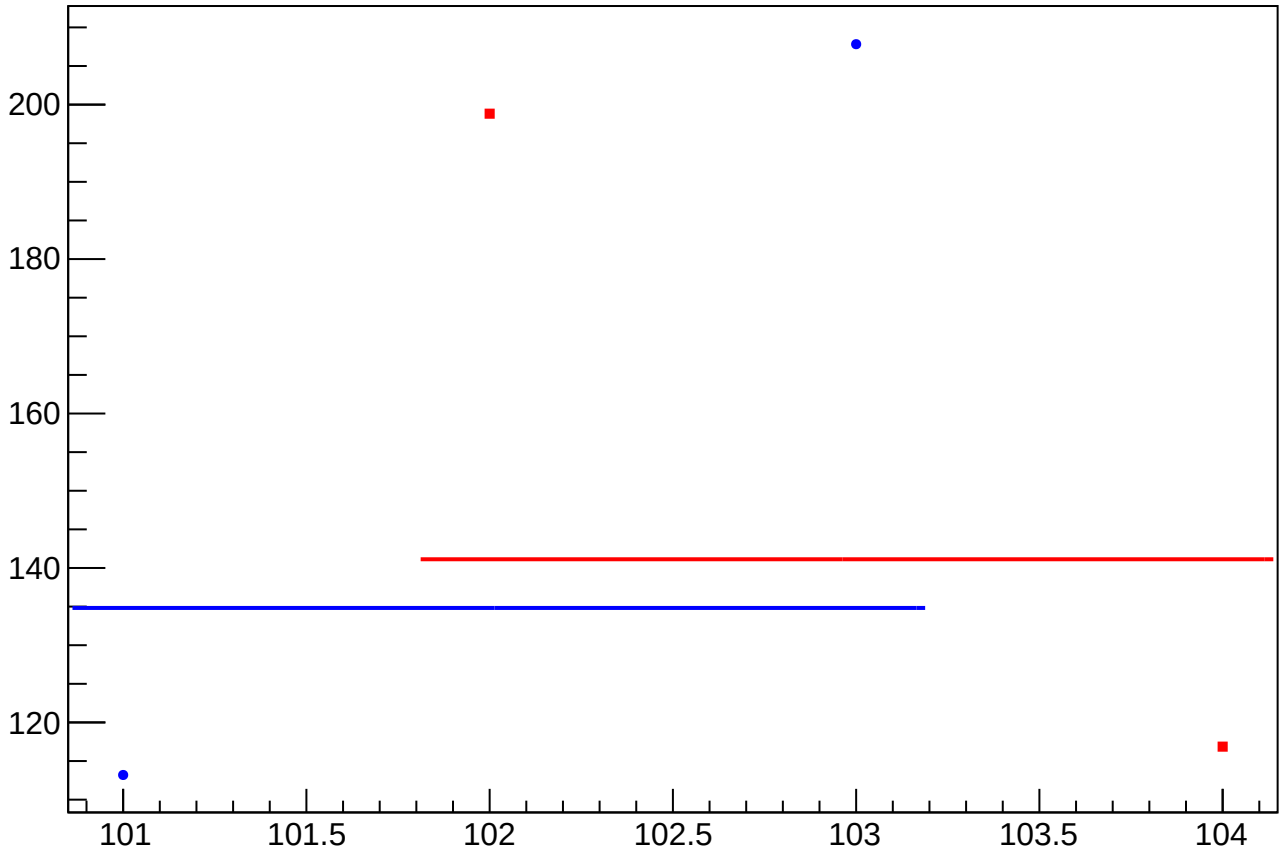
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -97.499+/-98.947 χ^2/NDF: 1.0/3

In: -76.639+/-132.136 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -97.499+/-98.947 χ^2/NDF: 1.0/3



Right In: 134.825+/-0.093 χ^2/NDF: 180864.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 141.128+/-0.106 χ^2/NDF: 125618.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

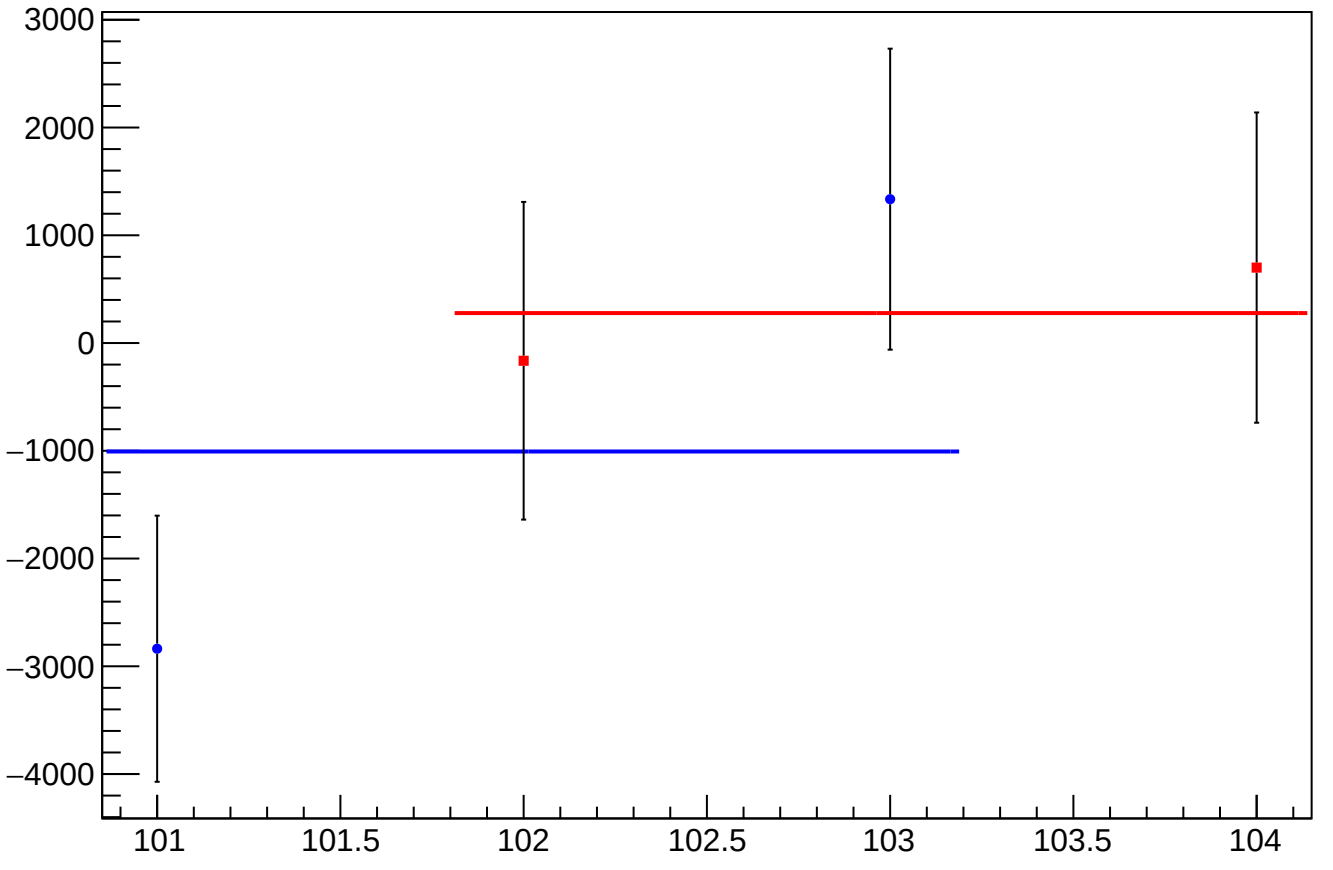
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 137.593+/-0.070 χ^2/NDF: 308481.8/3

In: 134.825+/-0.093 χ^2/NDF:180864.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 137.593+/-0.070 χ^2/NDF: 308481.8/3



Right In: -1006.615+/-925.202 χ^2/NDF: 5.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 277.968+/-1029.995 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

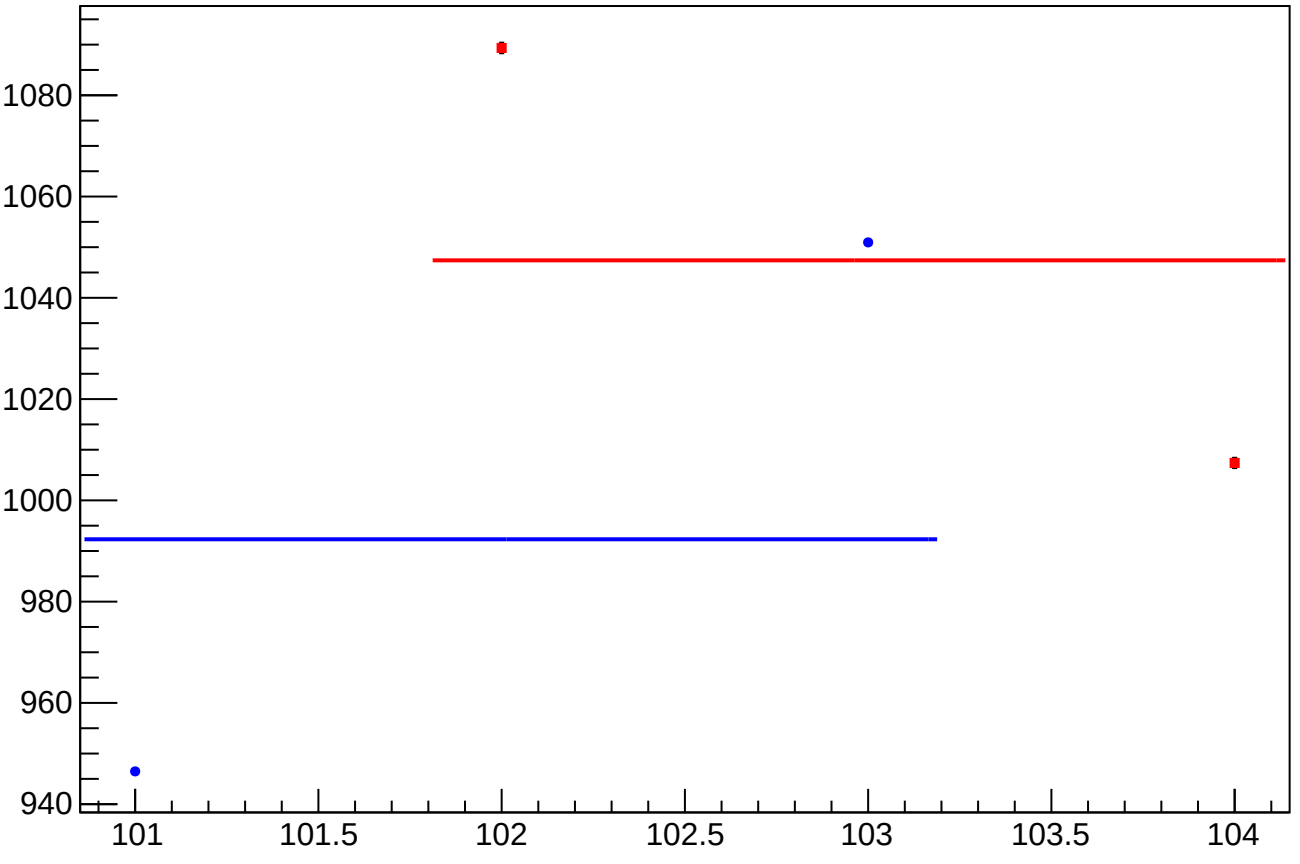
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -432.976+/-688.293 χ^2/NDF: 6.0/3

In: -1006.615+/-925.202 χ^2/NDF:5.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -432.976+/-688.293 χ^2/NDF: 6.0/3



Right In: 992.314+/-0.654 χ^2/NDF: 6279.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1047.403+/-0.728 χ^2/NDF: 3163.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

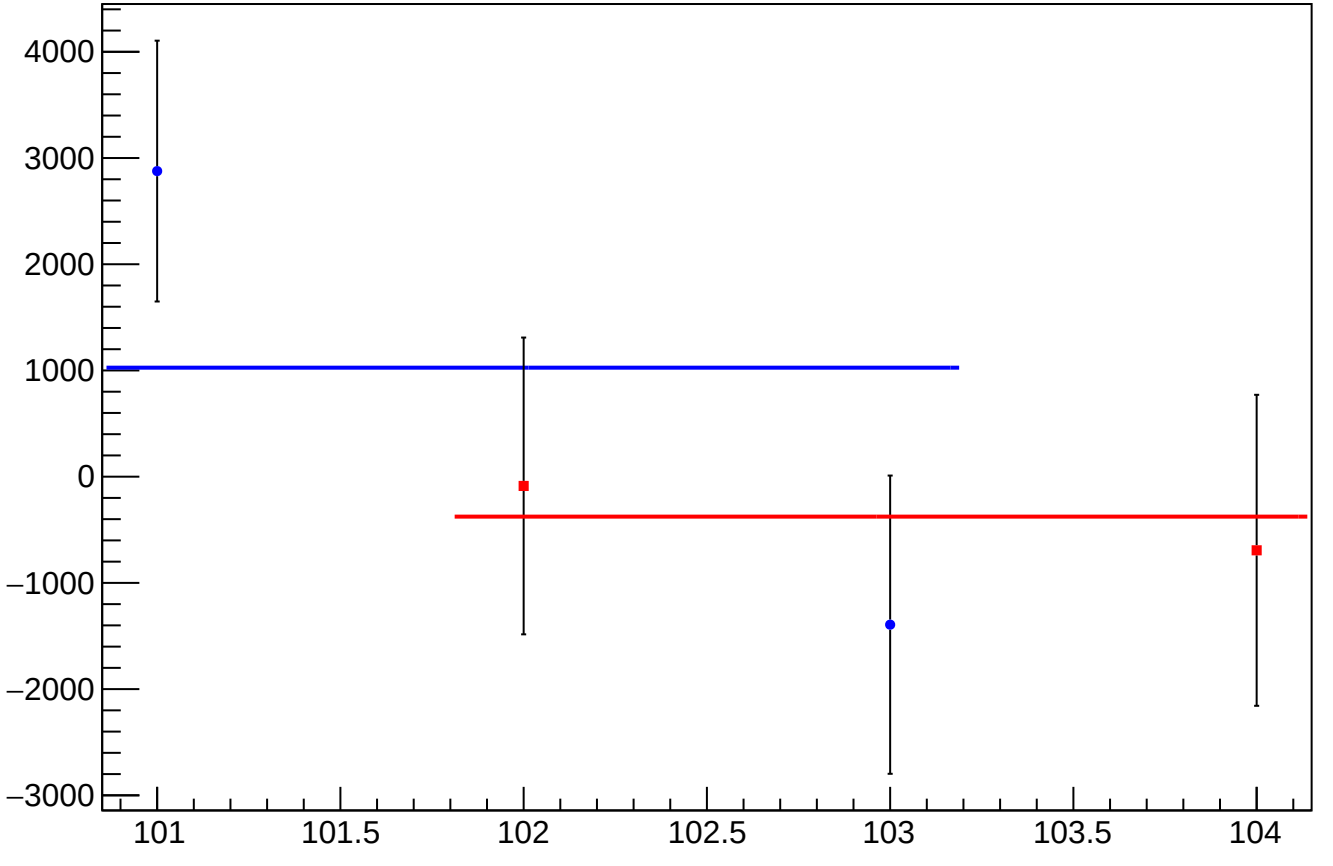
Right: 1016.914+/-0.487 χ^2/NDF: 12609.0/3

In: 992.314+/-0.654 χ^2/NDF:6279.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1016.914+/-0.487 χ^2/NDF: 12609.0/3

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1026.244+/-924.227 χ^2/NDF: 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -376.096+/-1010.722 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

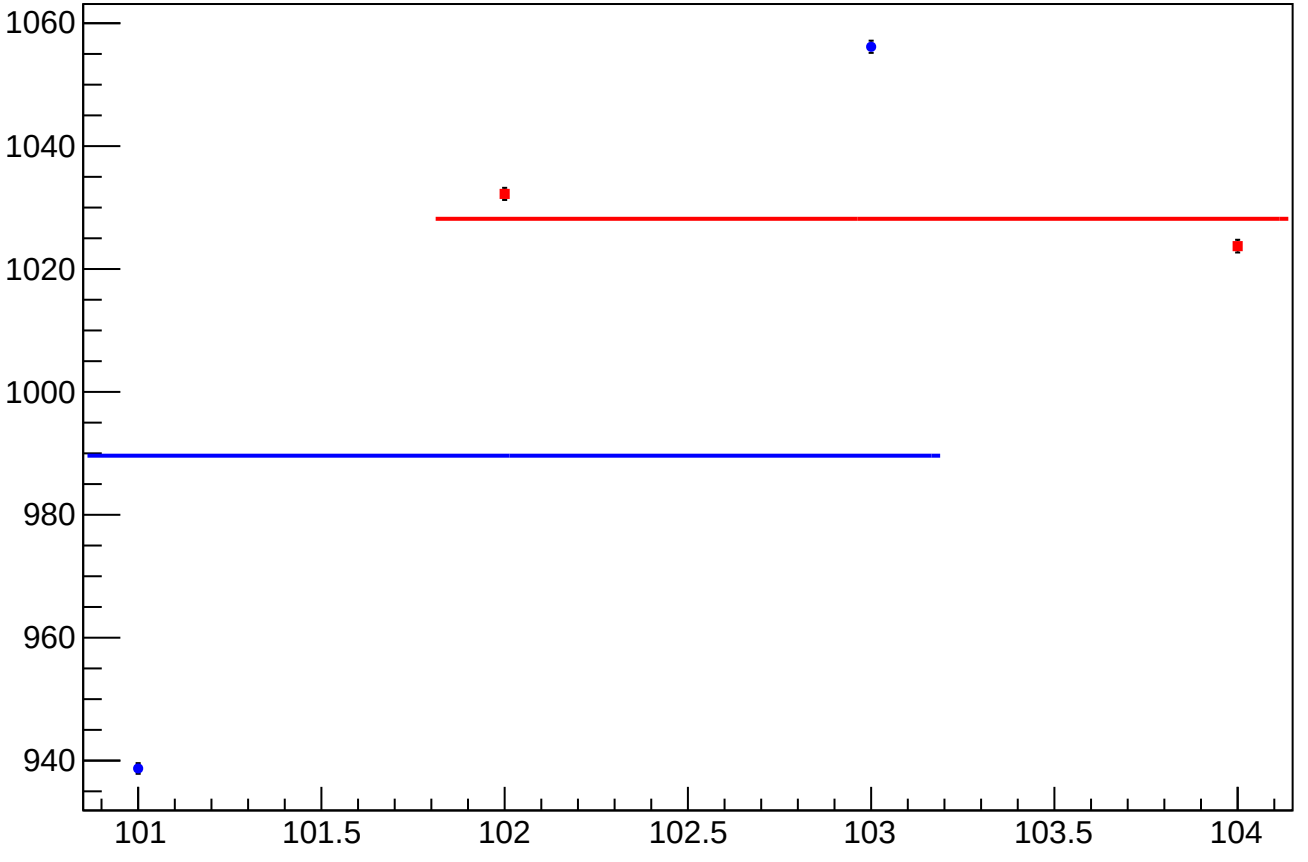
Right: 387.636+/-682.060 χ^2/NDF: 6.4/3

In: 1026.244+/-924.227 χ^2/NDF:5.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 387.636+/-682.060 χ^2/NDF: 6.4/3

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 989.621+/-0.654 χ^2/NDF: 7930.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1028.171+/-0.715 χ^2/NDF: 35.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

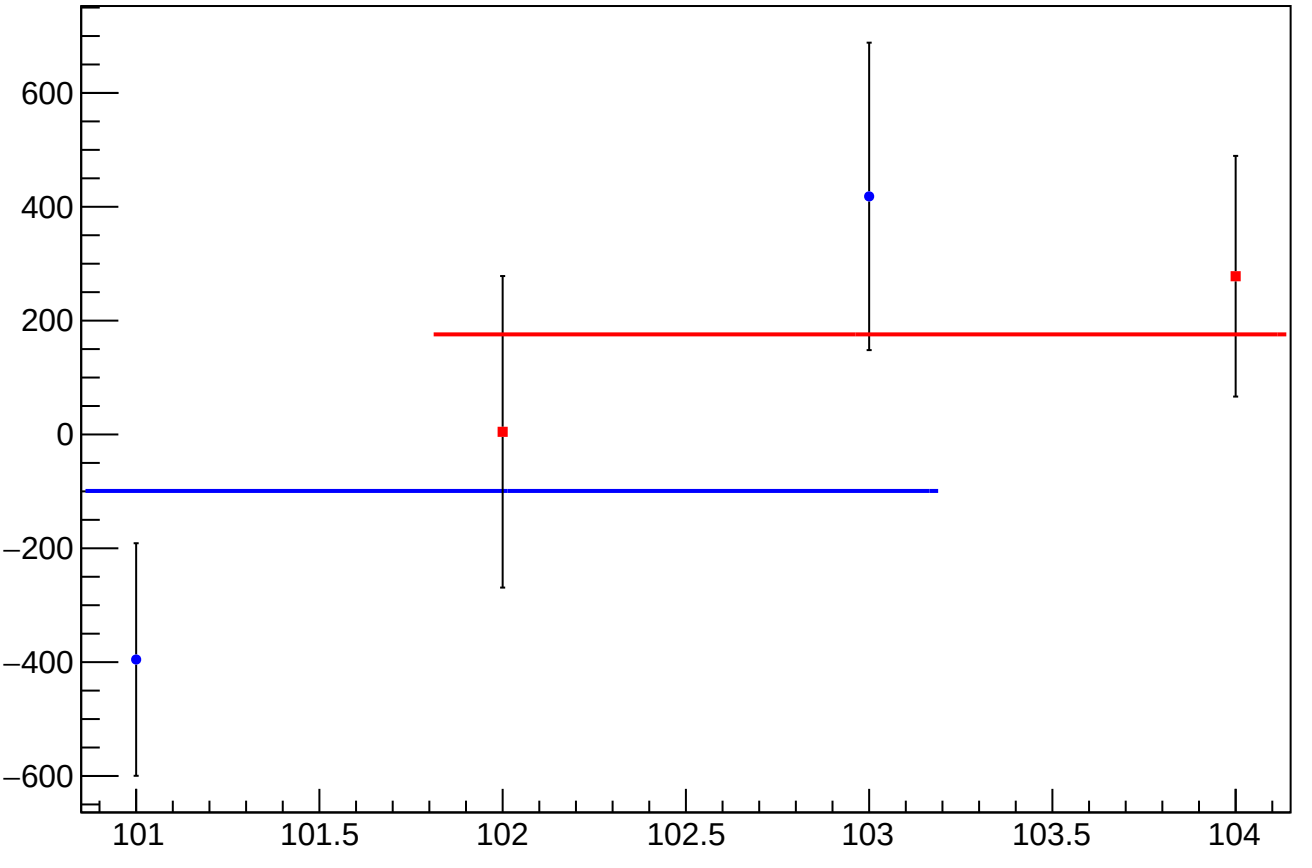
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1007.176+/-0.482 χ^2/NDF: 9550.7/3

In: 989.621+/-0.654 χ^2/NDF:7930.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1007.176+/-0.482 χ^2/NDF: 9550.7/3



Right In: -99.233+/-162.928 χ^2/NDF: 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 175.830+/-167.310 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

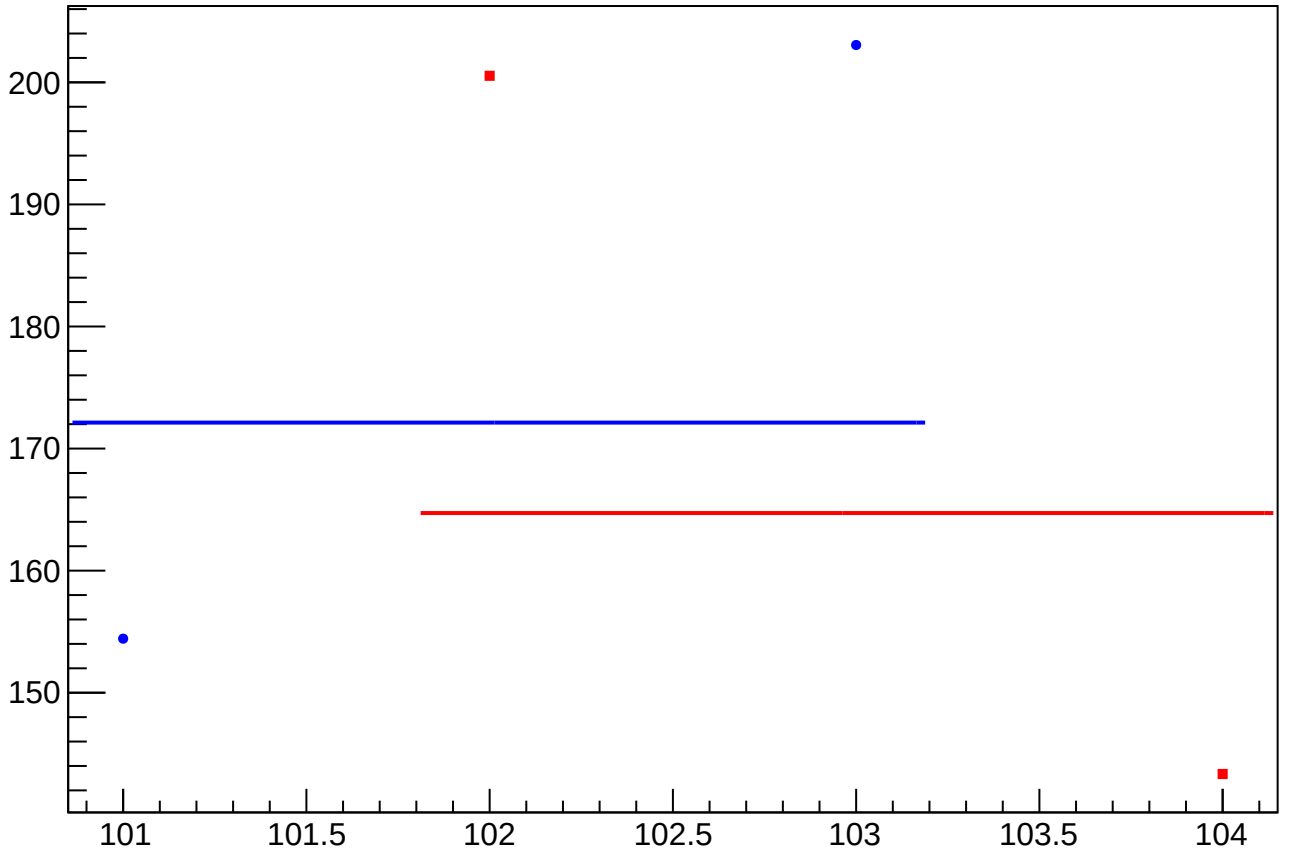
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 34.649+/-116.726 χ^2/NDF: 7.8/3

In: -99.233+/-162.928 χ^2/NDF:5.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 34.649+/-116.726 χ^2/NDF: 7.8/3



Right In: 172.129+/-0.115 χ^2/NDF: 41249.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 164.719+/-0.118 χ^2/NDF: 54700.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

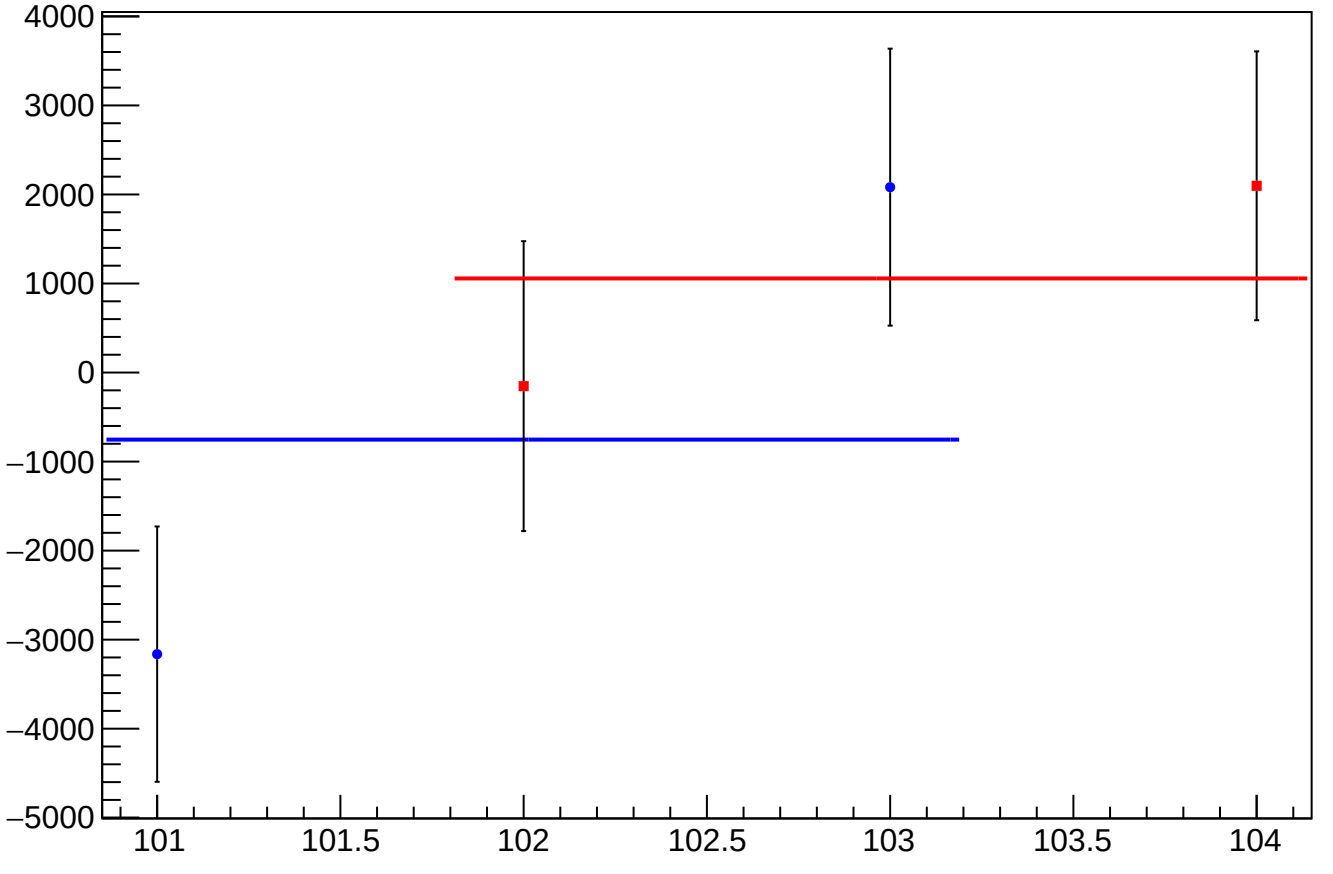
Right: 168.522+/-0.083 χ^2/NDF: 97963.2/3

In: 172.129+/-0.115 χ^2/NDF:41249.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 168.522+/-0.083 χ^2/NDF: 97963.2/3

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -753.159+/-1054.238 χ^2/NDF: 6.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1056.743+/-1107.018 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

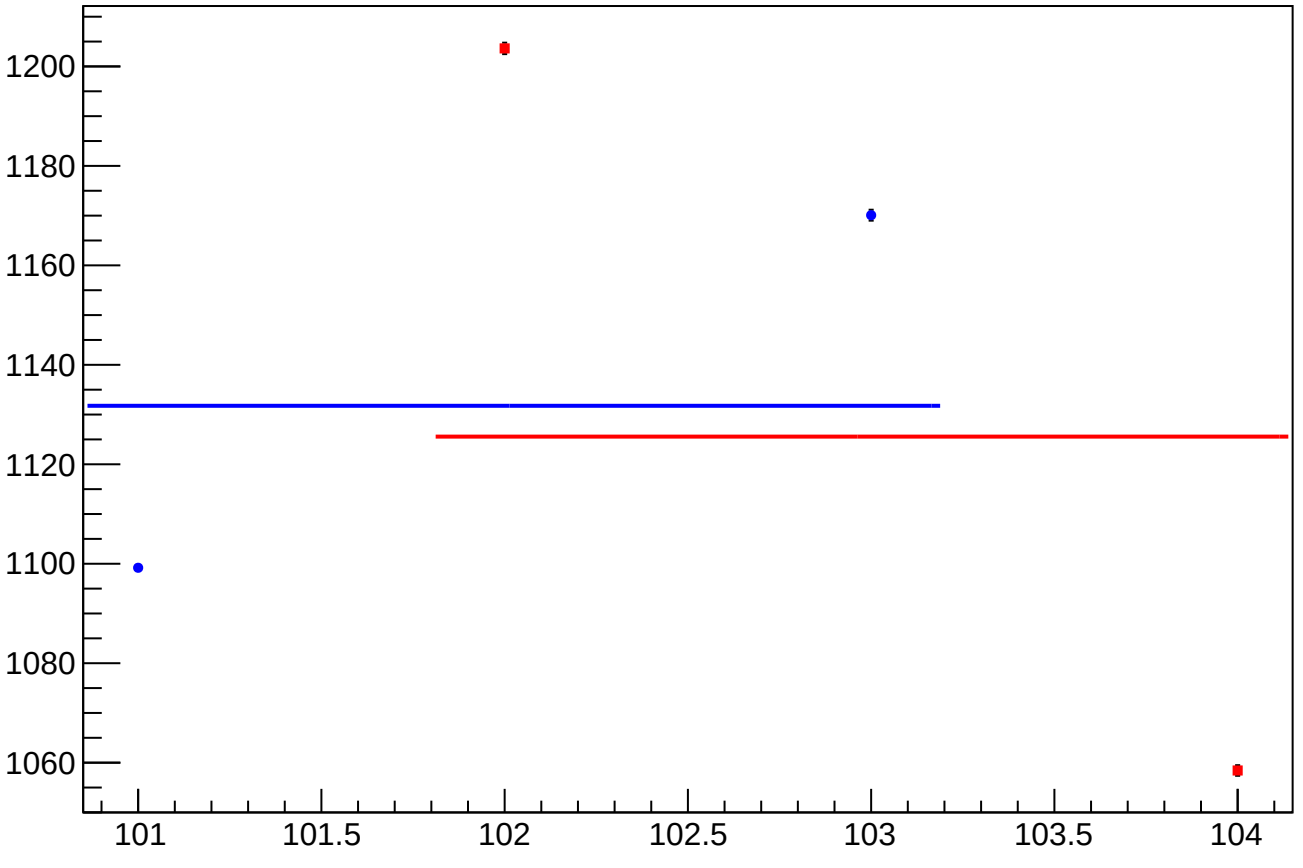
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 107.619+/-763.436 χ^2/NDF: 8.6/3

In: -753.159+/-1054.238 χ^2/NDF:6.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 107.619+/-763.436 χ^2/NDF: 8.6/3



Right In: 1131.762+/-0.745 χ^2/NDF: 2246.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1125.565+/-0.783 χ^2/NDF: 8553.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

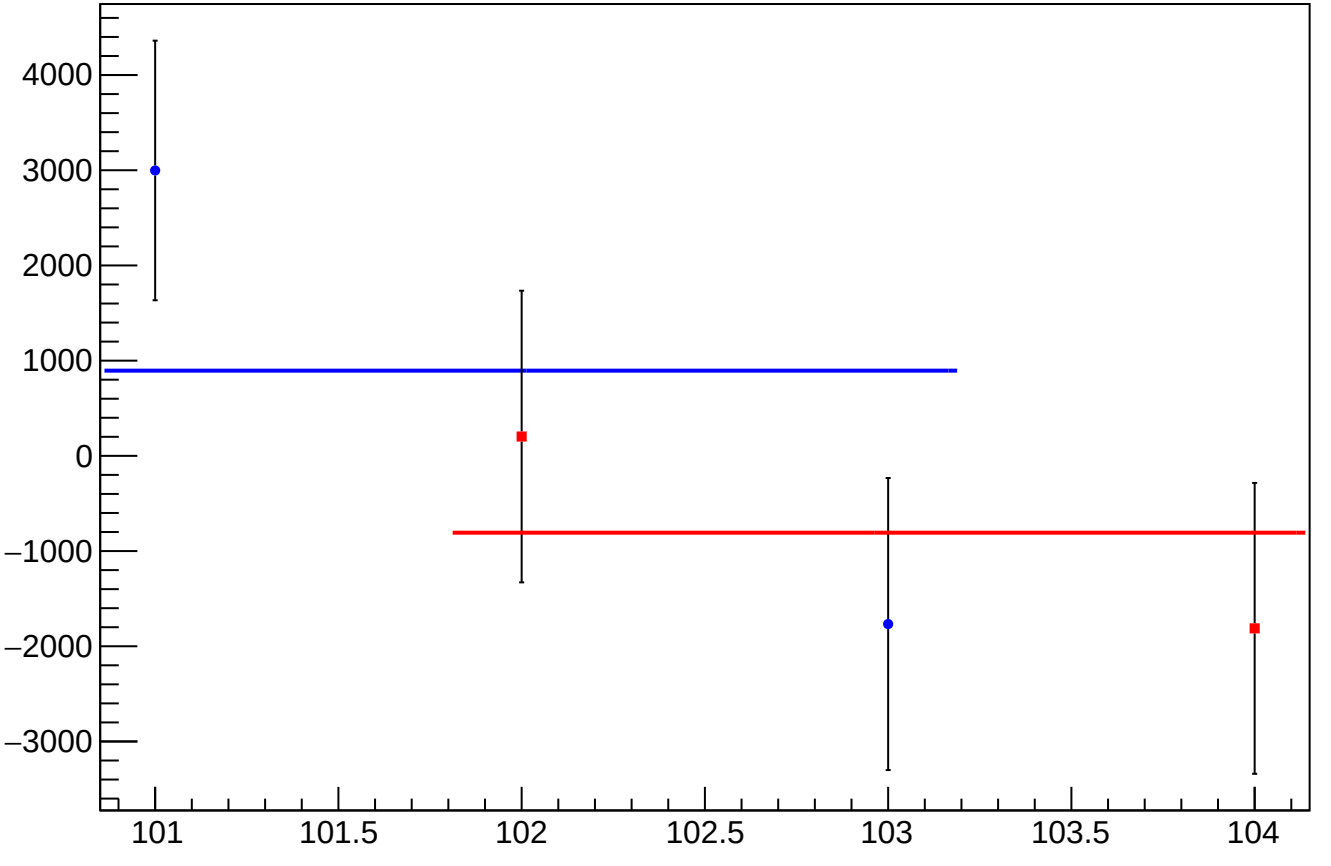
Right: 1128.814+/-0.540 χ^2/NDF: 10832.2/3

In: 1131.762+/-0.745 χ^2/NDF:2246.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1128.814+/-0.540 χ^2/NDF: 10832.2/3

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 894.924+/-1019.012 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -807.112+/-1081.659 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

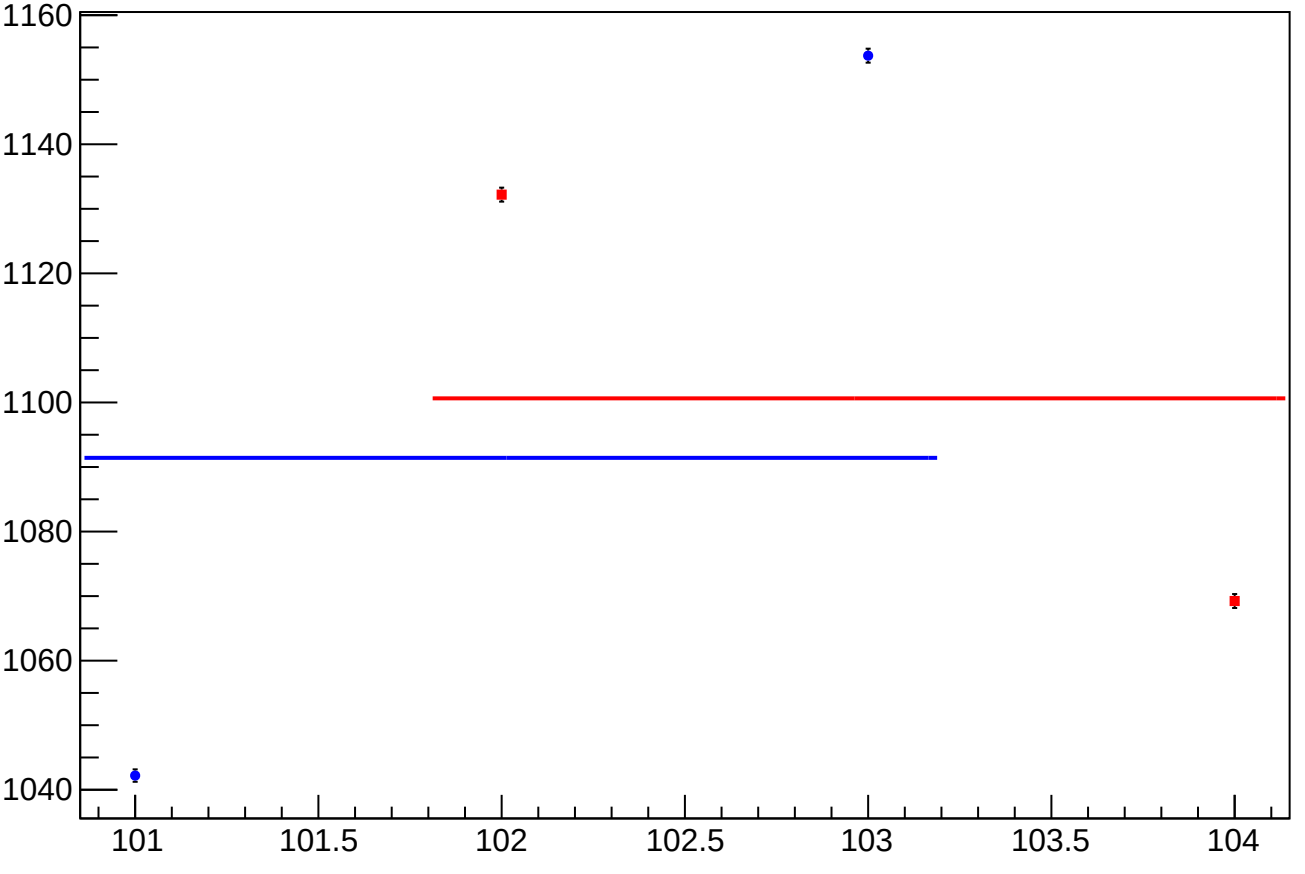
Right: 94.620+/-741.709 χ^2/NDF: 7.6/3

In: 894.924+/-1019.012 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 94.620+/-741.709 χ^2/NDF: 7.6/3

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1091.420+/-0.721 χ^2/NDF: 5907.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1100.636+/-0.765 χ^2/NDF: 1693.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

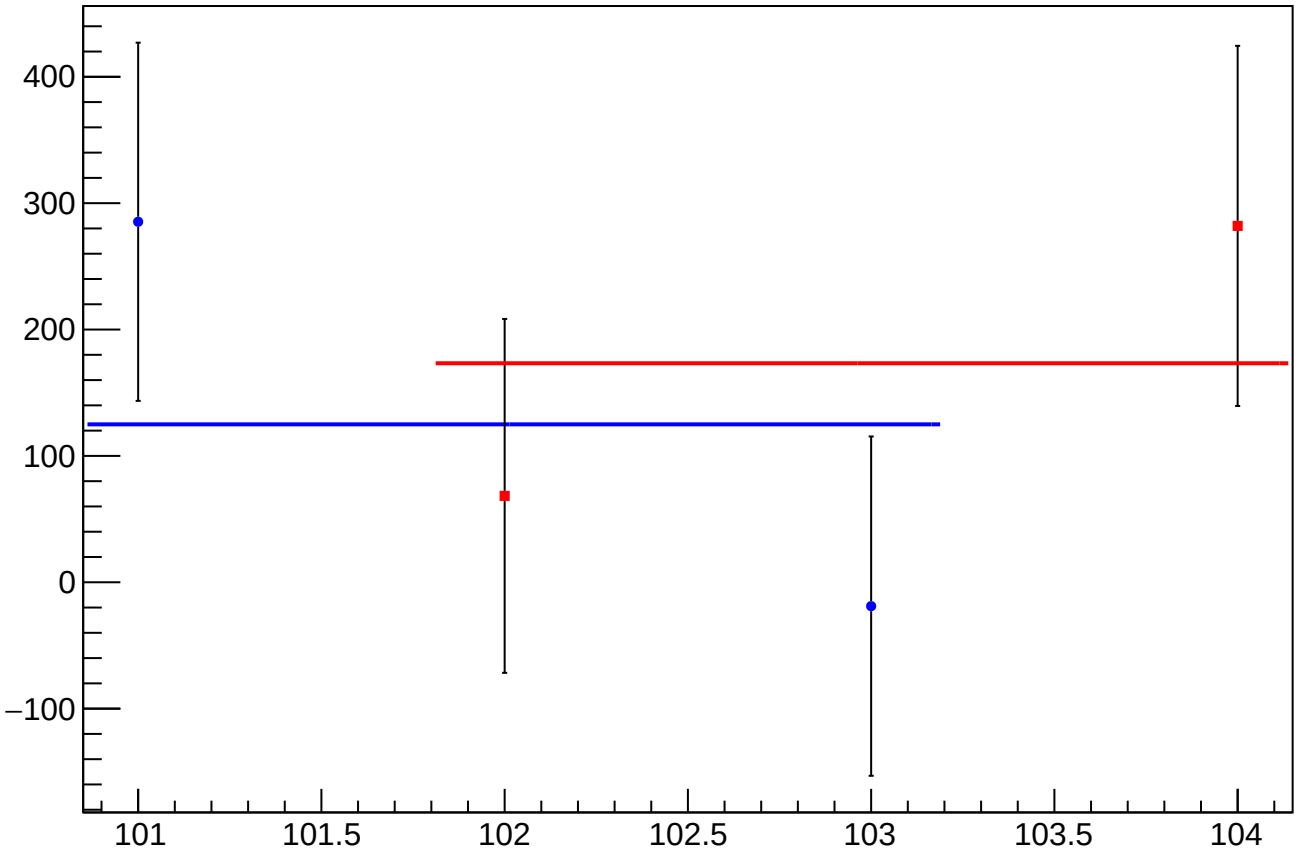
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1095.754+/-0.524 χ^2/NDF: 7677.8/3

In: 1091.420+/-0.721 χ^2/NDF:5907.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1095.754+/-0.524 χ^2/NDF: 7677.8/3



Right In: 124.969+/-97.470 χ^2/NDF: 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 173.323+/-99.876 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

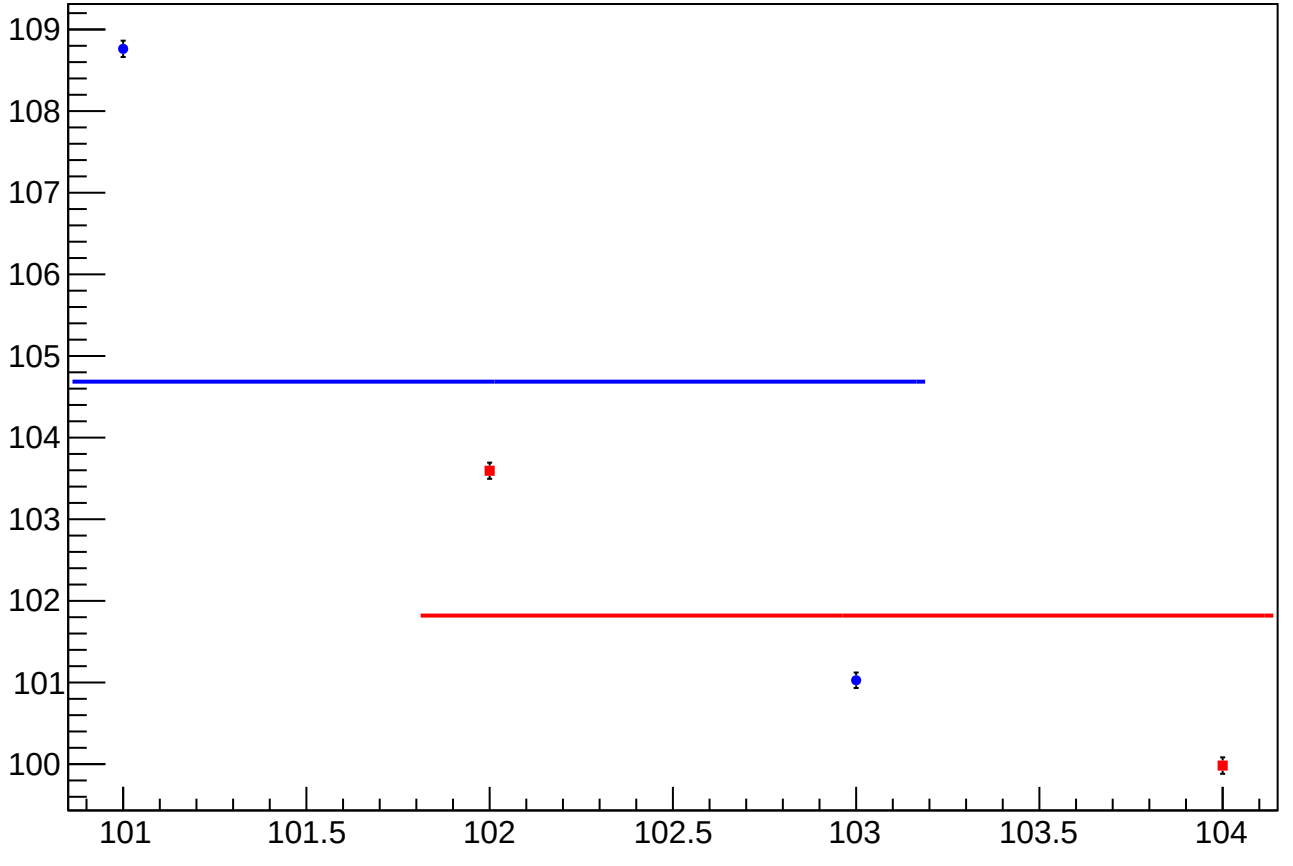
Right: 148.557+/-69.757 χ^2/NDF: 3.7/3

In: 124.969+/-97.470 χ^2/NDF:2.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 148.557+/-69.757 χ^2/NDF: 3.7/3

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.686+/-0.069 χ^2/NDF: 3139.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 101.820+/-0.071 χ^2/NDF: 653.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

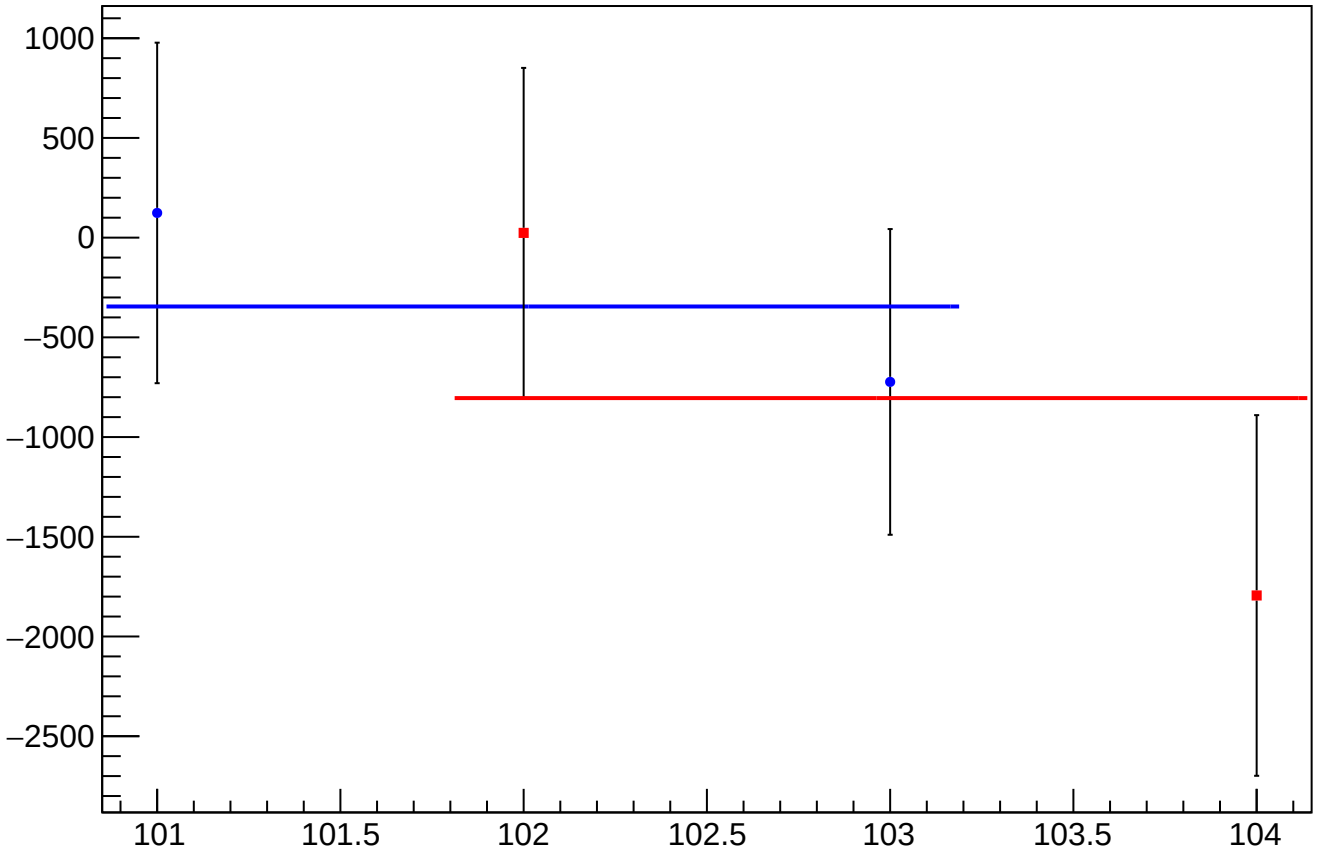
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 103.288+/-0.049 χ^2/NDF: 4637.0/3

In: 104.686+/-0.069 χ^2/NDF:3139.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 103.288+/-0.049 χ^2/NDF: 4637.0/3



Right In: -345.276+/-570.368 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -804.613+/-610.391 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

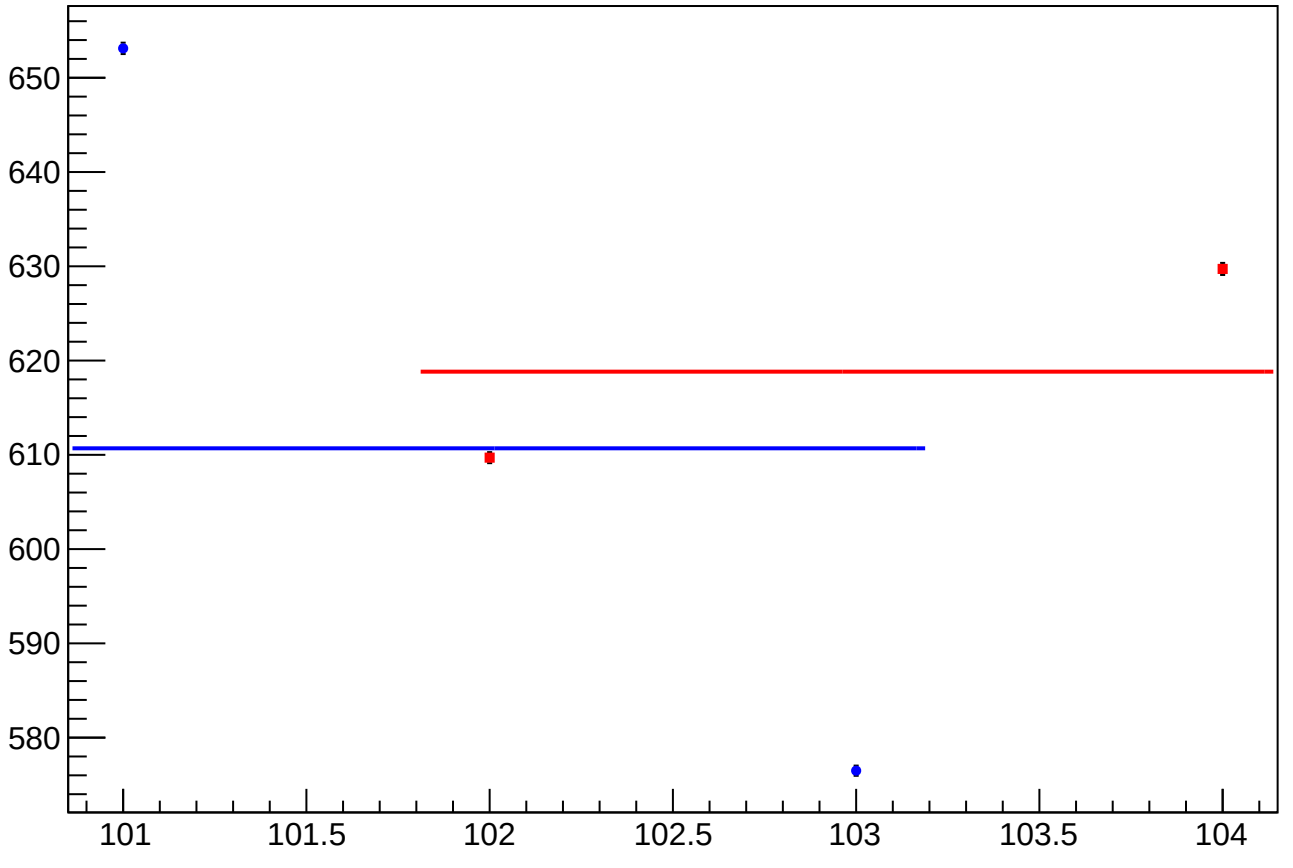
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -559.392+/-416.742 χ^2/NDF: 3.0/3

In: -345.276+/-570.368 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -559.392+/-416.742 χ^2/NDF: 3.0/3



Right In: 610.692+/-0.403 χ^2/NDF: 8920.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 618.823+/-0.432 χ^2/NDF: 533.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

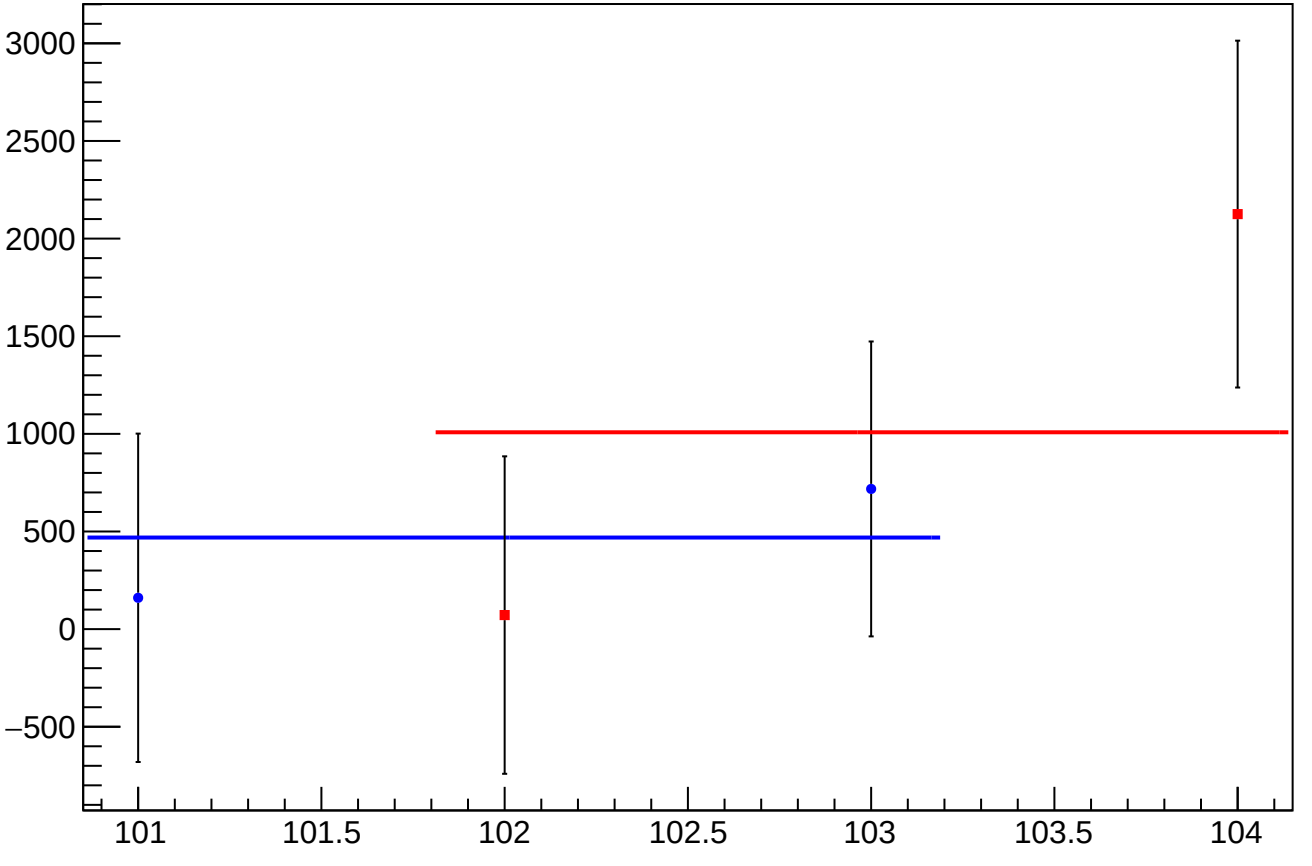
Right: 614.482+/-0.295 χ^2/NDF: 9643.3/3

In: 610.692+/-0.403 χ^2/NDF:8920.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 614.482+/-0.295 χ^2/NDF: 9643.3/3

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 469.019+/-561.840 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1008.087+/-599.664 χ^2/NDF: 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

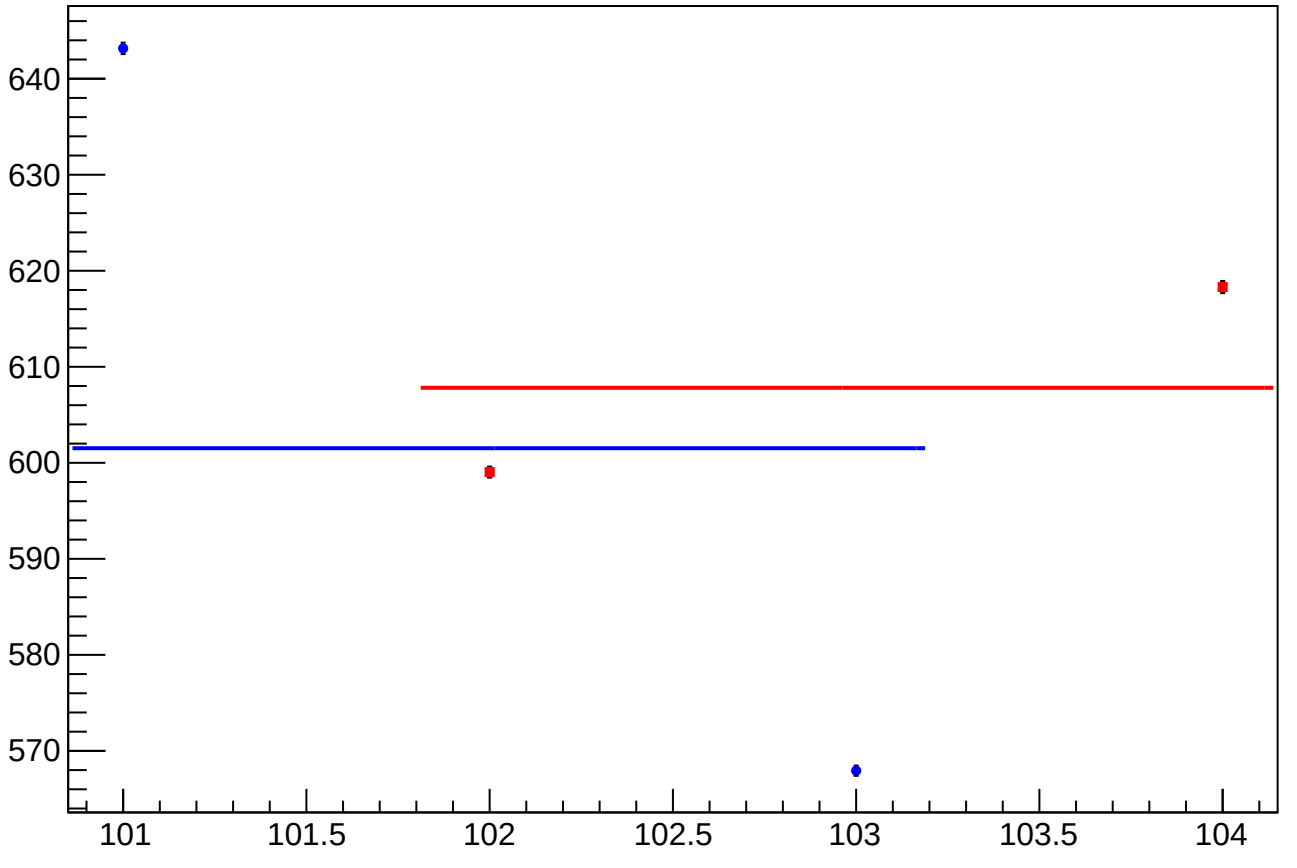
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 721.017+/-410.001 χ^2/NDF: 3.6/3

In: 469.019+/-561.840 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 721.017+/-410.001 χ^2/NDF: 3.6/3



Right In: 601.520+/-0.397 χ^2/NDF: 8859.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 607.816+/-0.424 χ^2/NDF: 512.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

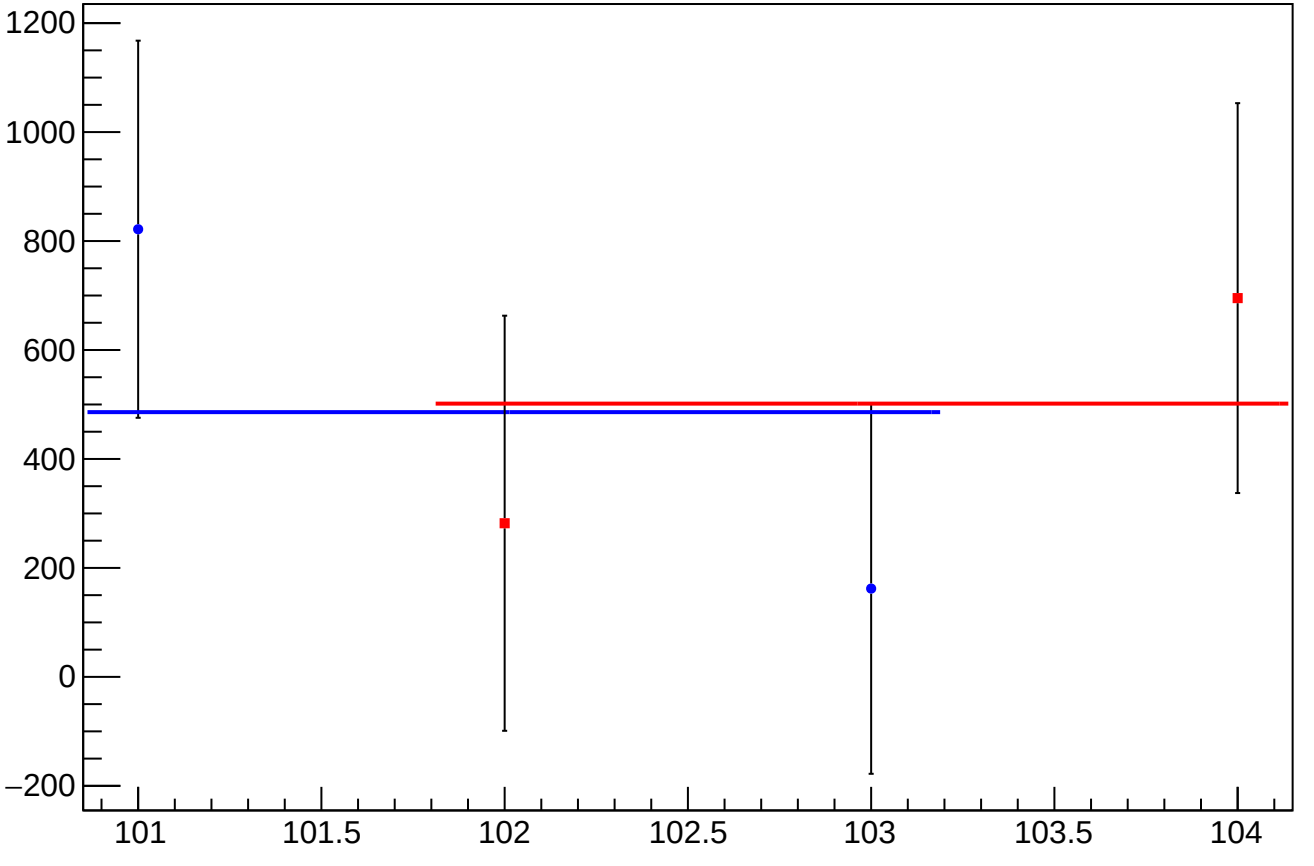
Right: 604.463+/-0.290 χ^2/NDF: 9488.9/3

In: 601.520+/-0.397 χ^2/NDF:8859.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 604.463+/-0.290 χ^2/NDF: 9488.9/3

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 485.956+/-242.532 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 501.577+/-260.819 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

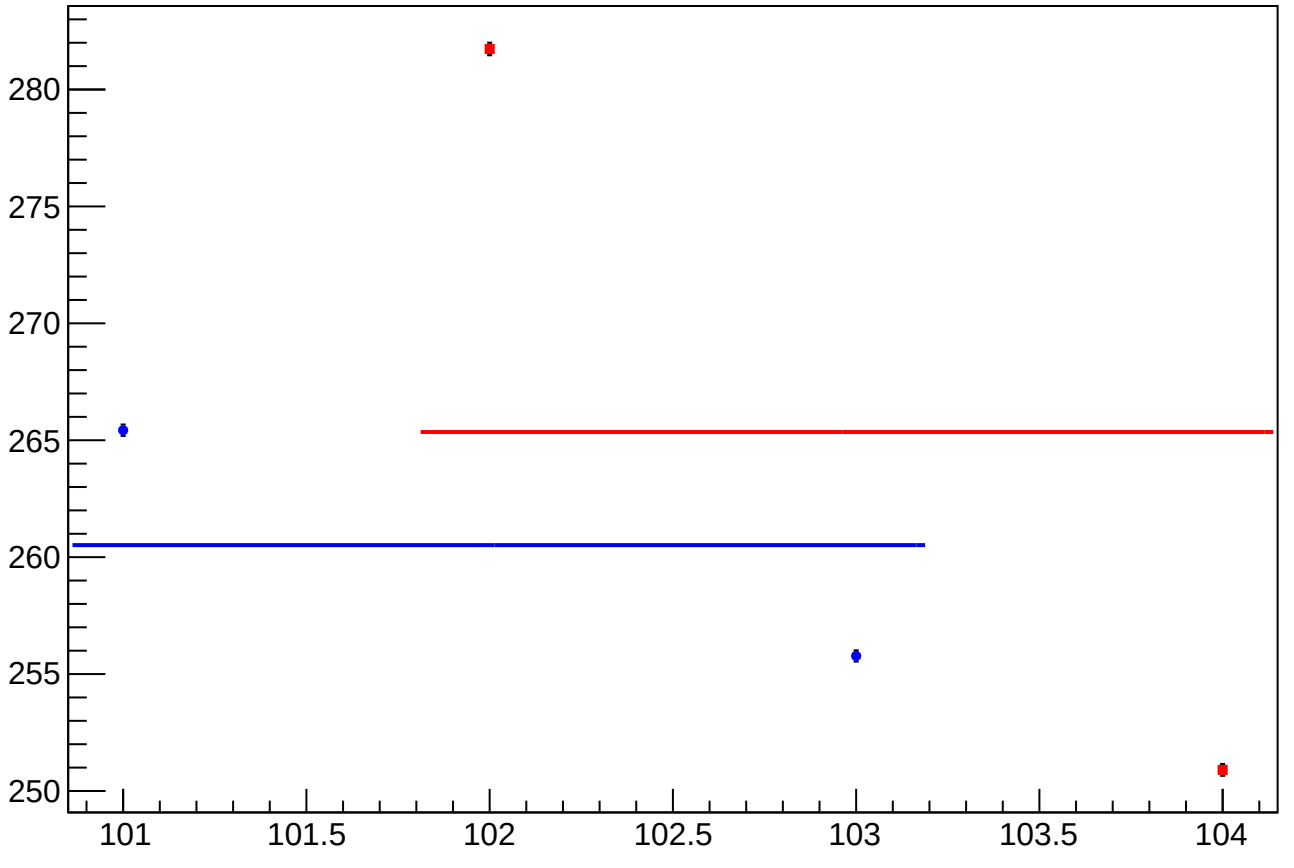
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 493.200+/-177.609 χ^2/NDF: 2.5/3

In: 485.956+/-242.532 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 493.200+/-177.609 χ^2/NDF: 2.5/3



Right In: 260.515+/-0.171 χ^2/NDF: 792.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 265.353+/-0.184 χ^2/NDF: 6959.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

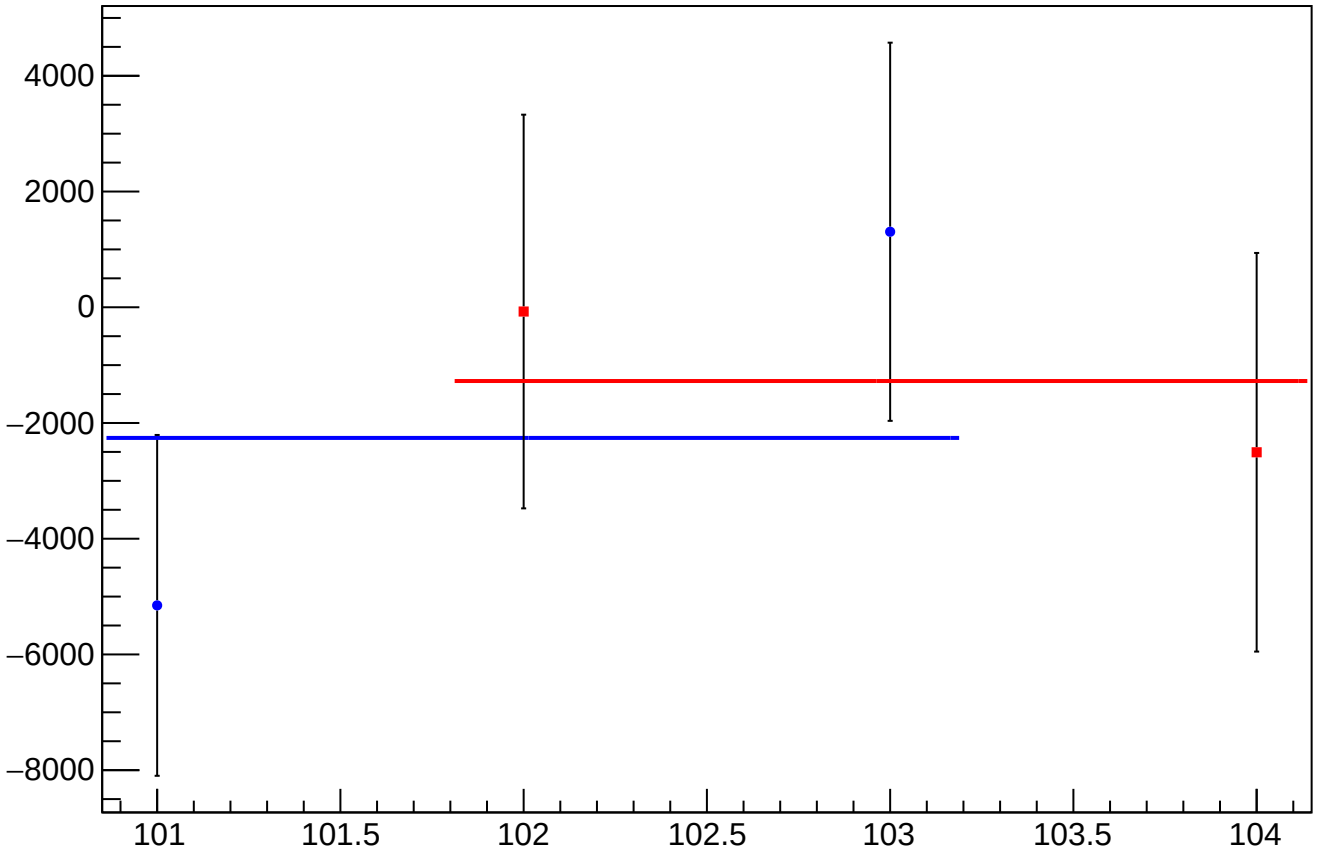
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 262.759+/-0.126 χ^2/NDF: 8120.4/3

In: 260.515+/-0.171 χ^2/NDF:792.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 262.759+/-0.126 χ^2/NDF: 8120.4/3



Right In: -2258.059+/-2187.811 χ^2/NDF: 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1274.650+/-2420.548 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

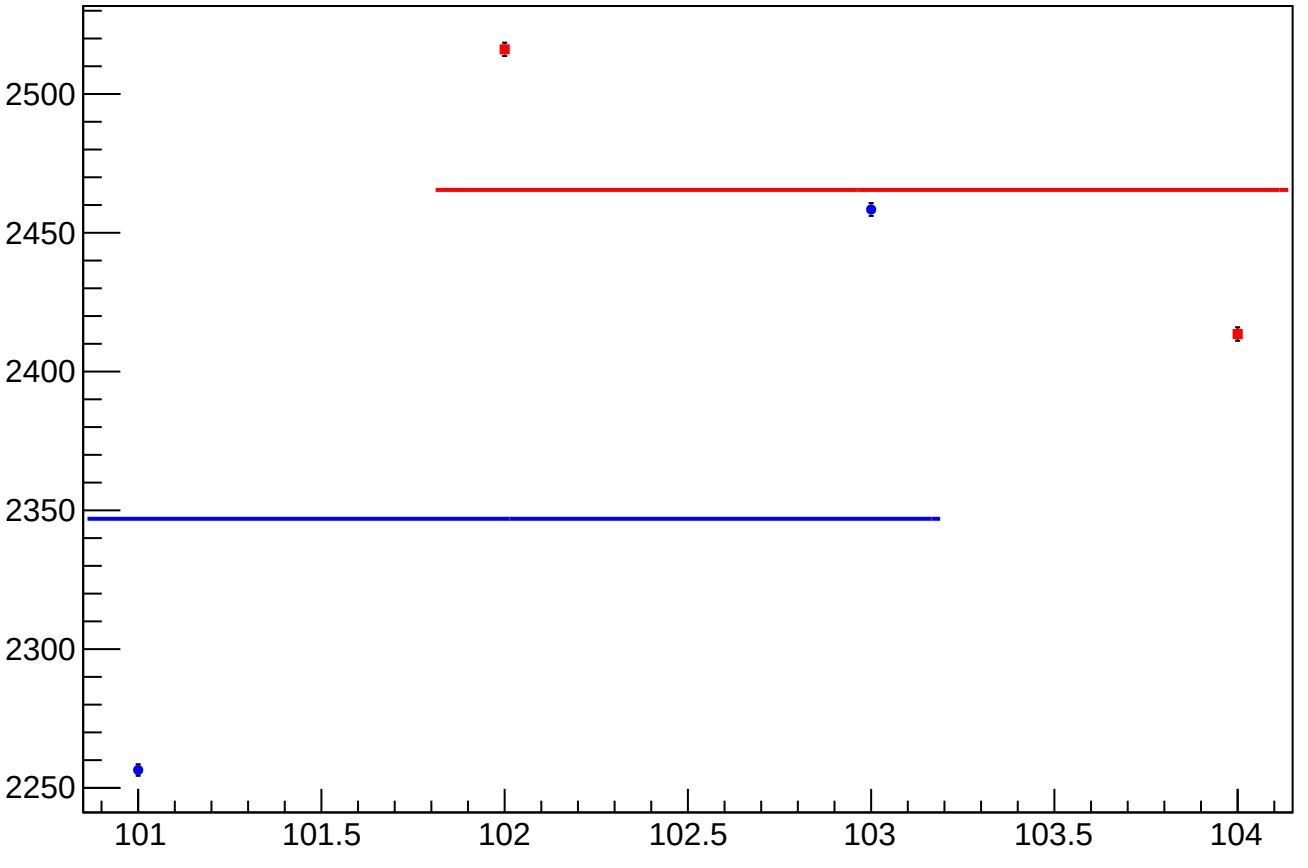
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1815.893+/-1623.077 χ^2/NDF: 2.5/3

In: -2258.059+/-2187.811 χ^2/NDF:2.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1815.893+/-1623.077 χ^2/NDF: 2.5/3



Right In: 2346.962+/-1.547 χ^2/NDF: 4214.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2465.453+/-1.712 χ^2/NDF: 897.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

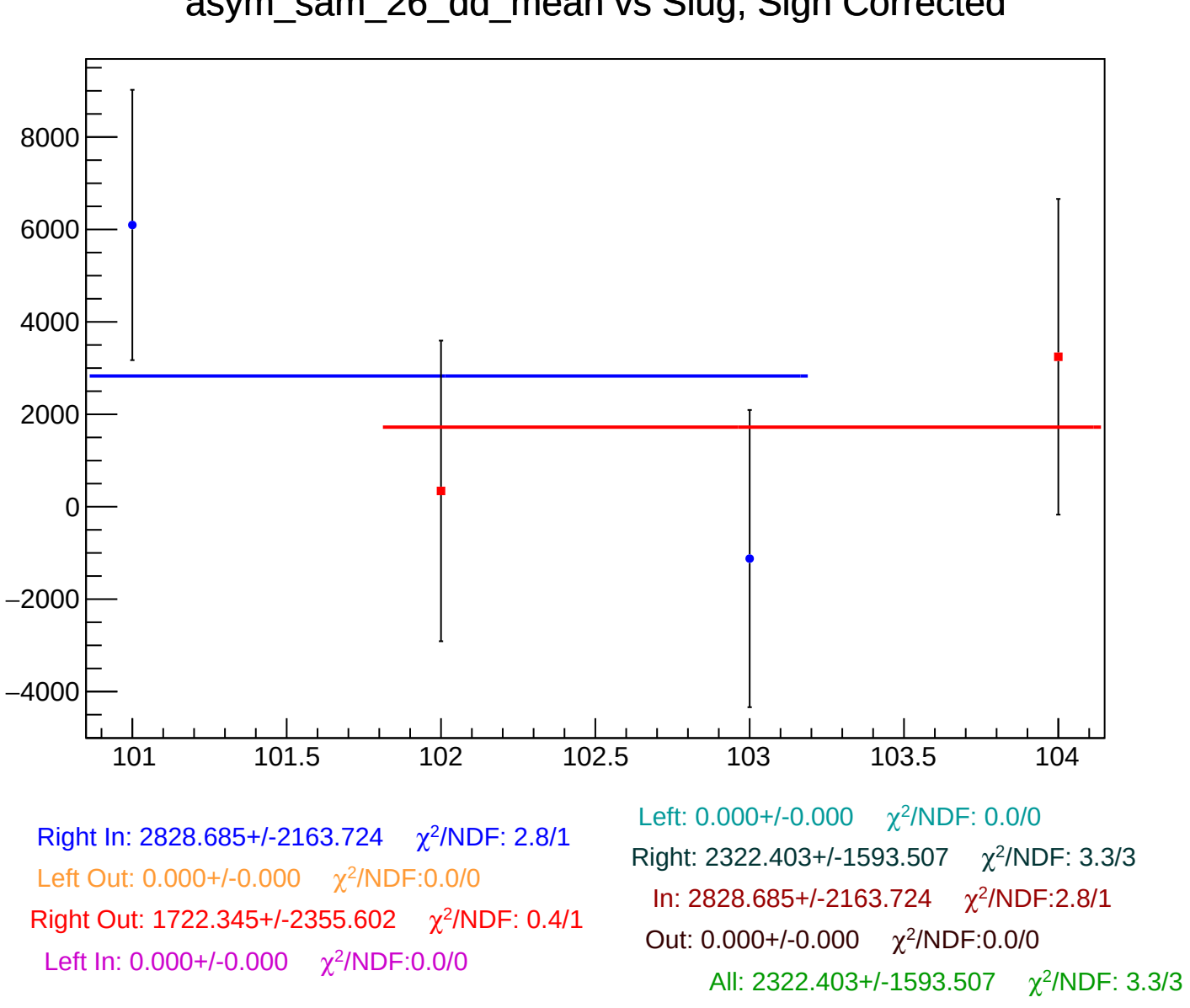
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2400.239+/-1.148 χ^2/NDF: 7750.1/3

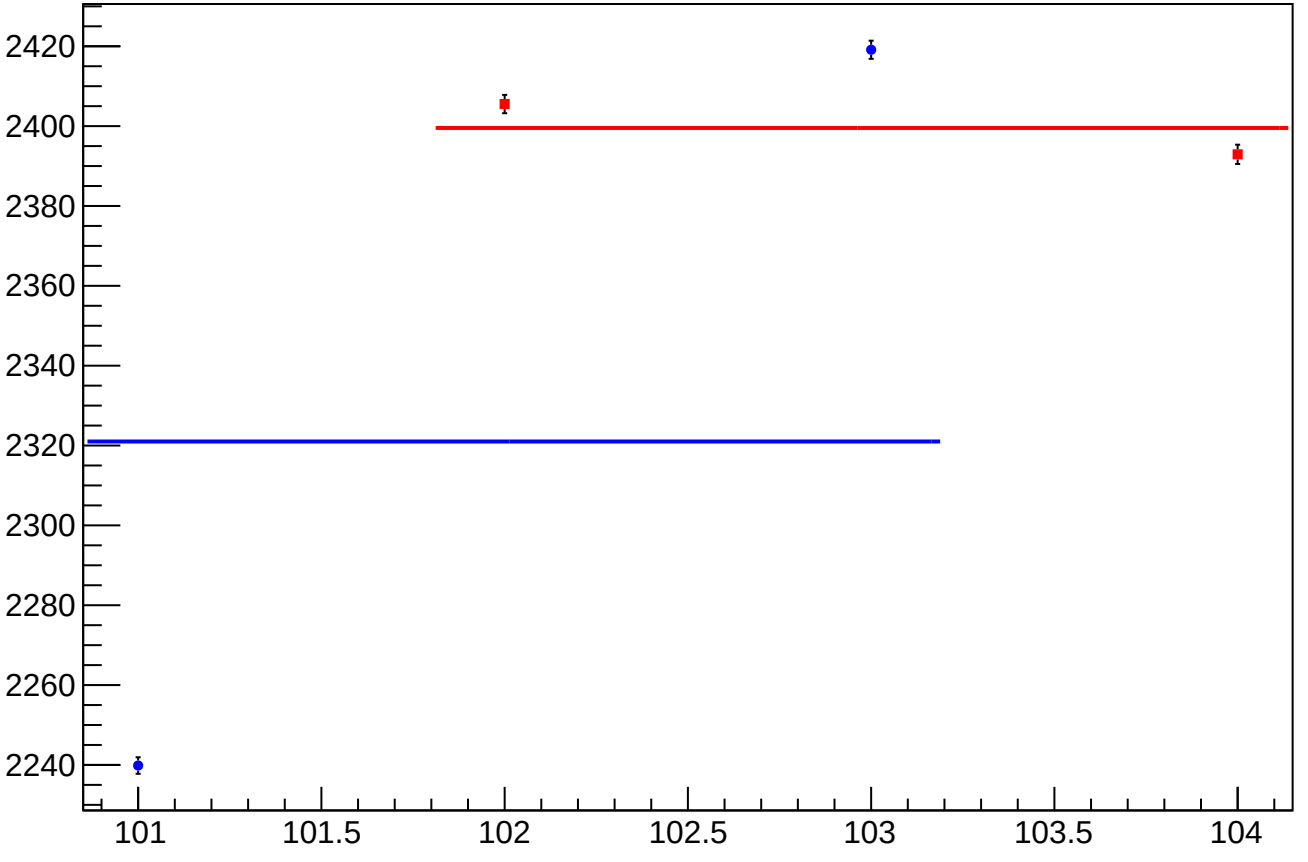
In: 2346.962+/-1.547 χ^2/NDF:4214.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2400.239+/-1.148 χ^2/NDF: 7750.1/3


asym_sam_26_dd_mean vs Slug, Sign Corrected
8000
6000
4000
2000
0
−2000
−4000
101
101.5
102
102.5
103
103.5
104
Right In: 2828.685+/-2163.724 χ²/NDF: 2.8/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 1722.345+/-2355.602 χ²/NDF: 0.4/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2322.403+/-1593.507 χ²/NDF: 3.3/3
In: 2828.685+/-2163.724 χ²/NDF:2.8/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2322.403+/-1593.507 χ²/NDF: 3.3/3

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2321.008+/-1.530 χ^2/NDF: 3402.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2399.541+/-1.666 χ^2/NDF: 14.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

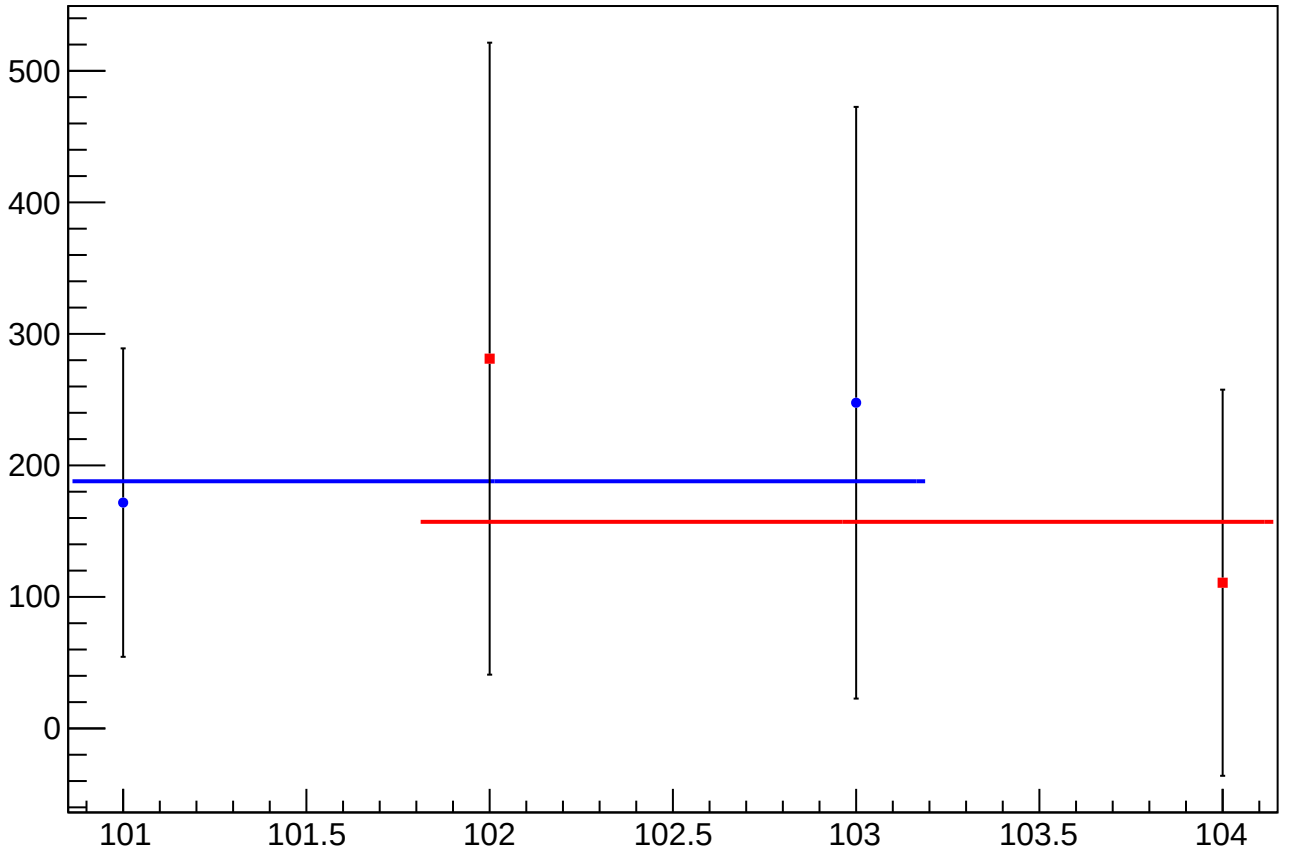
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2356.947+/-1.127 χ^2/NDF: 4622.1/3

In: 2321.008+/-1.530 χ^2/NDF:3402.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2356.947+/-1.127 χ^2/NDF: 4622.1/3



Right In: 187.946+/-103.990 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 157.099+/-125.271 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

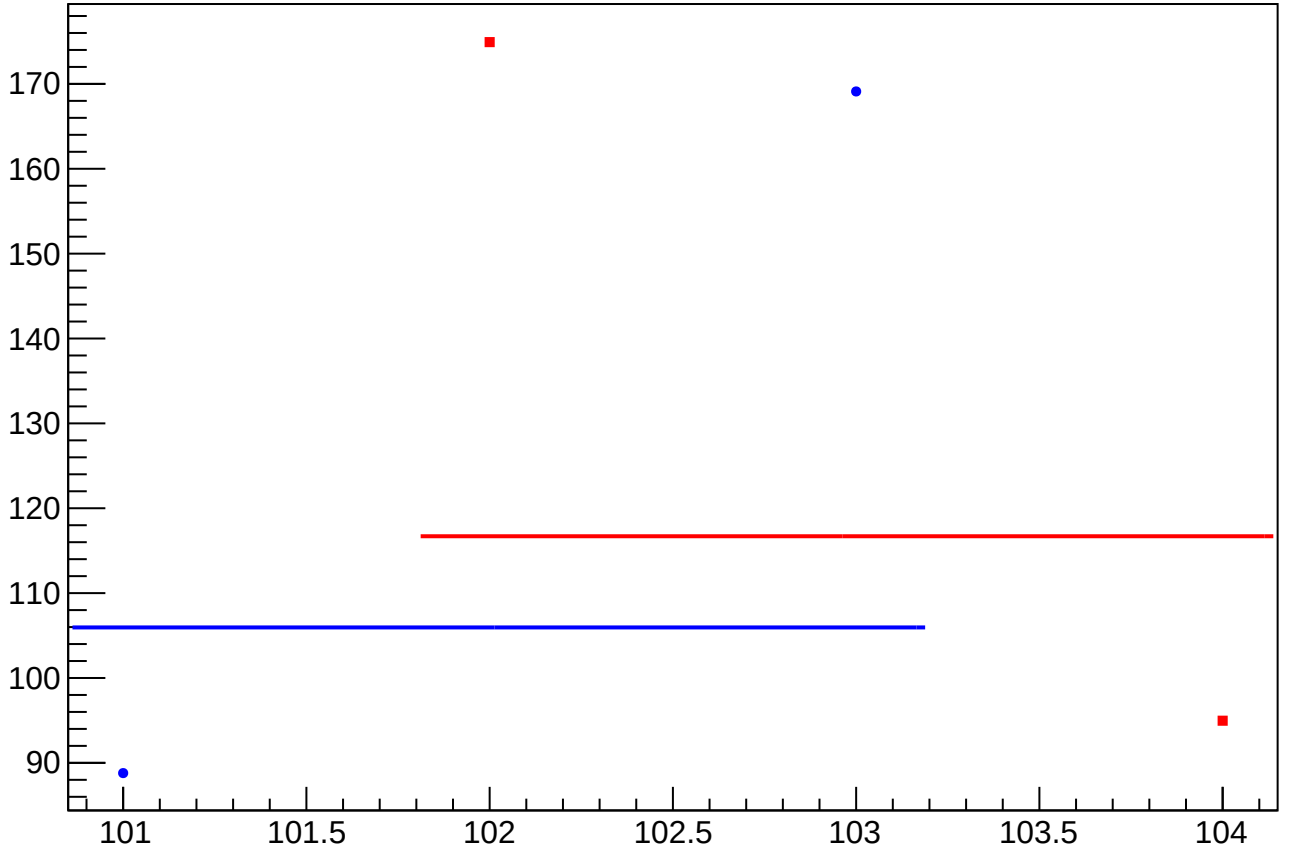
Right: 175.362+/-80.014 χ^2/NDF: 0.5/3

In: 187.946+/-103.990 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 175.362+/-80.014 χ^2/NDF: 0.5/3

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 105.957+/-0.074 χ^2/NDF: 200470.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 116.701+/-0.089 χ^2/NDF: 161273.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

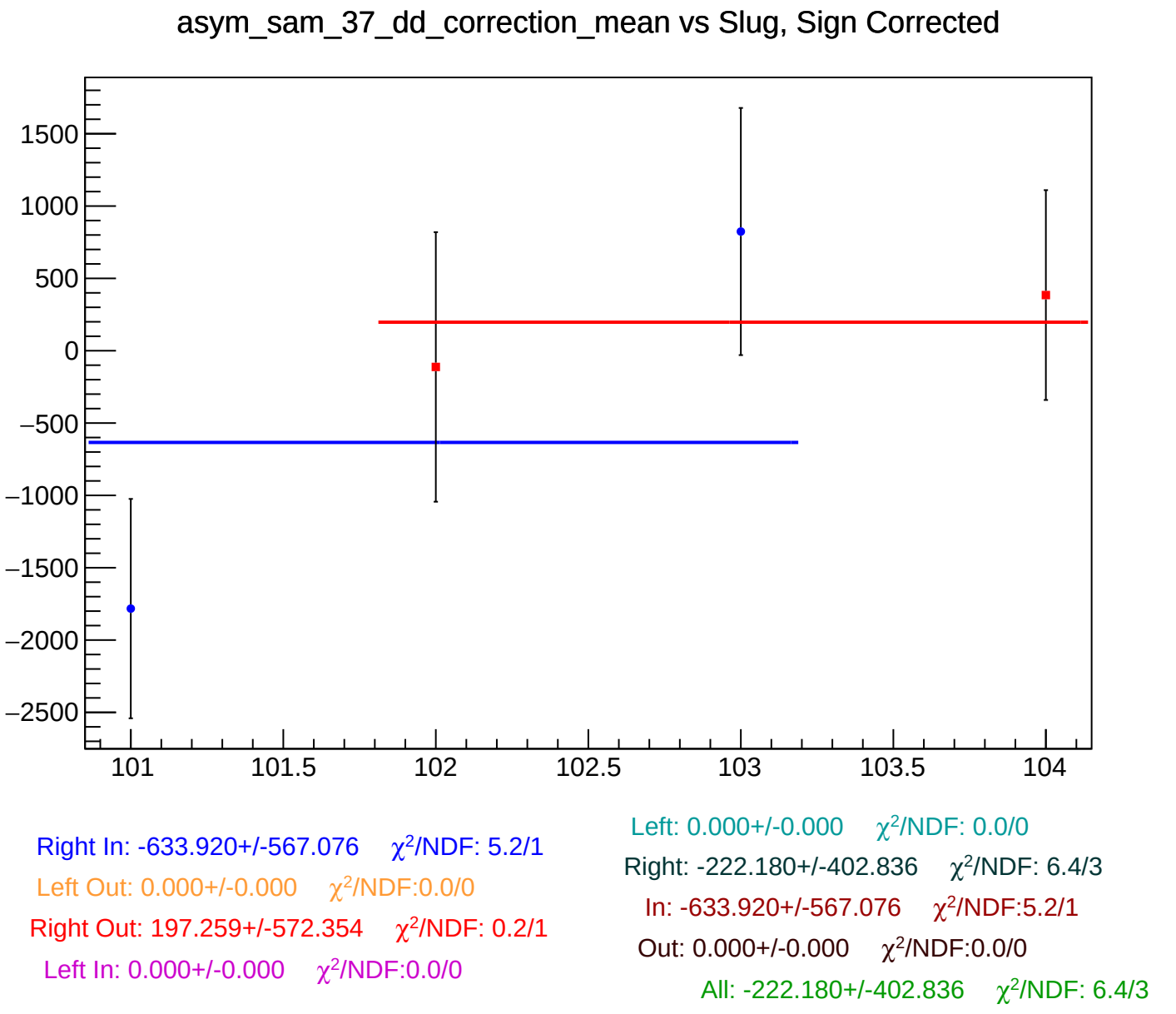
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

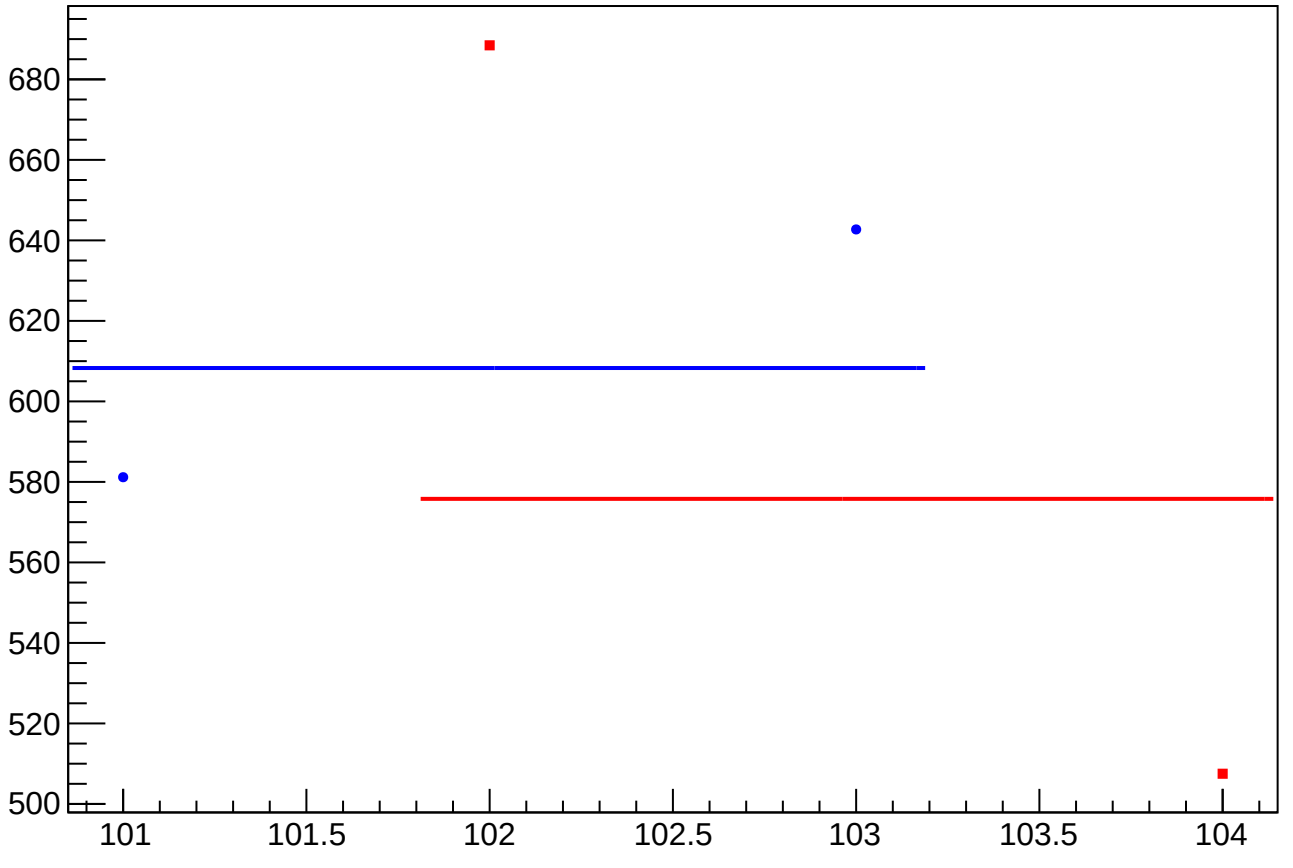
Right: 110.340+/-0.057 χ^2/NDF: 370452.3/3

In: 105.957+/-0.074 χ^2/NDF:200470.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 110.340+/-0.057 χ^2/NDF: 370452.3/3


asym_sam_37_dd_correction_mean vs Slug, Sign Corrected
1500
1000
500
0
−500
−1000
−1500
−2000
−2500
101
101.5
102
102.5
103
103.5
104
Right In: -633.920+/-567.076 χ²/NDF: 5.2/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 197.259+/-572.354 χ²/NDF: 0.2/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -222.180+/-402.836 χ²/NDF: 6.4/3
In: -633.920+/-567.076 χ²/NDF:5.2/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -222.180+/-402.836 χ²/NDF: 6.4/3



Right In: 608.293+/-0.401 χ^2/NDF: 5808.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 575.789+/-0.405 χ^2/NDF: 46969.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

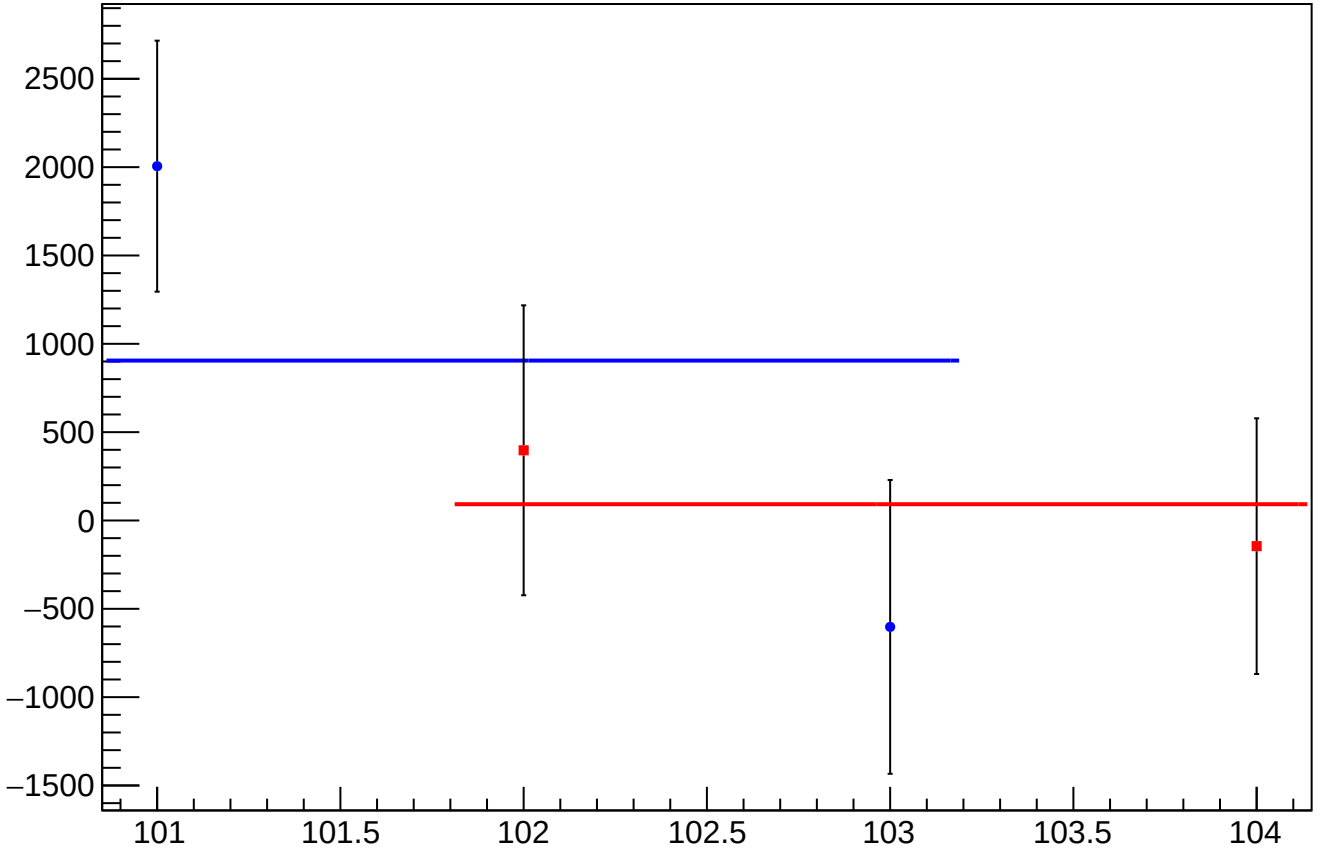
Right: 592.191+/-0.285 χ^2/NDF: 56032.5/3

In: 608.293+/-0.401 χ^2/NDF:5808.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 592.191+/-0.285 χ^2/NDF: 56032.5/3

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 905.186+/-540.118 χ^2/NDF: 5.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 92.053+/-542.753 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

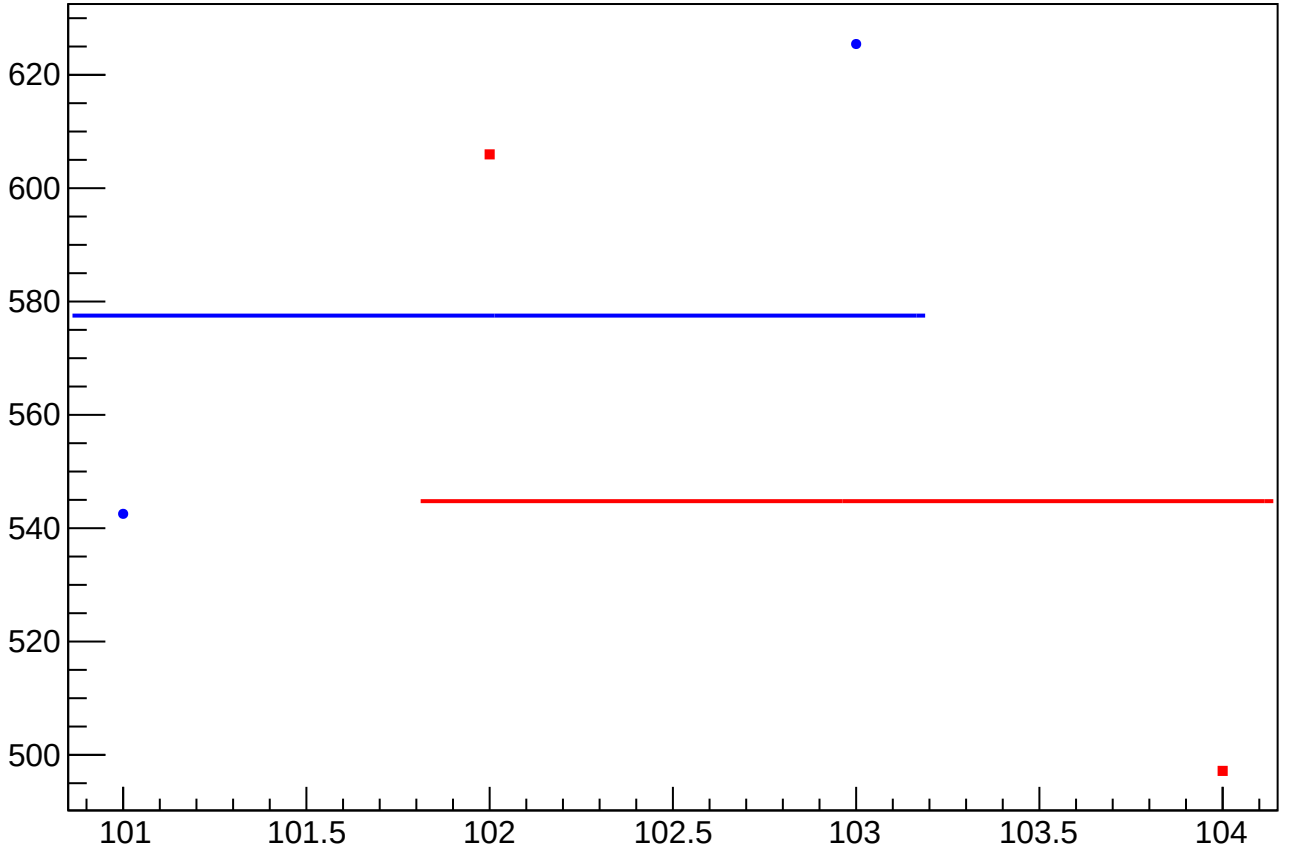
Right: 500.599+/-382.849 χ^2/NDF: 7.1/3

In: 905.186+/-540.118 χ^2/NDF:5.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 500.599+/-382.849 χ^2/NDF: 7.1/3

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 577.518+/-0.382 χ^2/NDF: 11494.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 544.774+/-0.384 χ^2/NDF: 19776.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

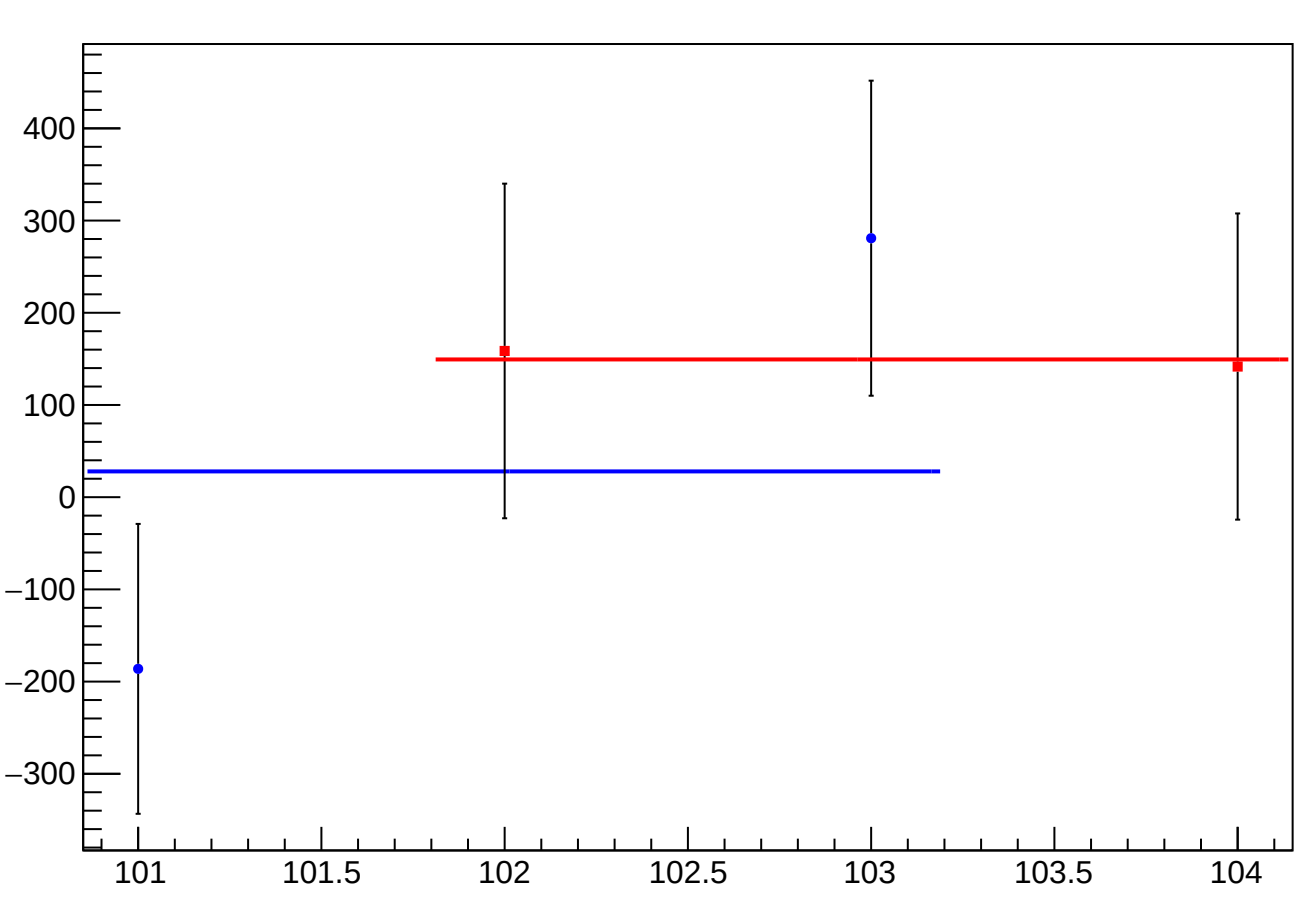
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 561.225+/-0.271 χ^2/NDF: 34928.4/3

In: 577.518+/-0.382 χ^2/NDF:11494.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 561.225+/-0.271 χ^2/NDF: 34928.4/3



Right In: 27.953+/-115.677 χ^2/NDF: 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 149.381+/-122.493 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

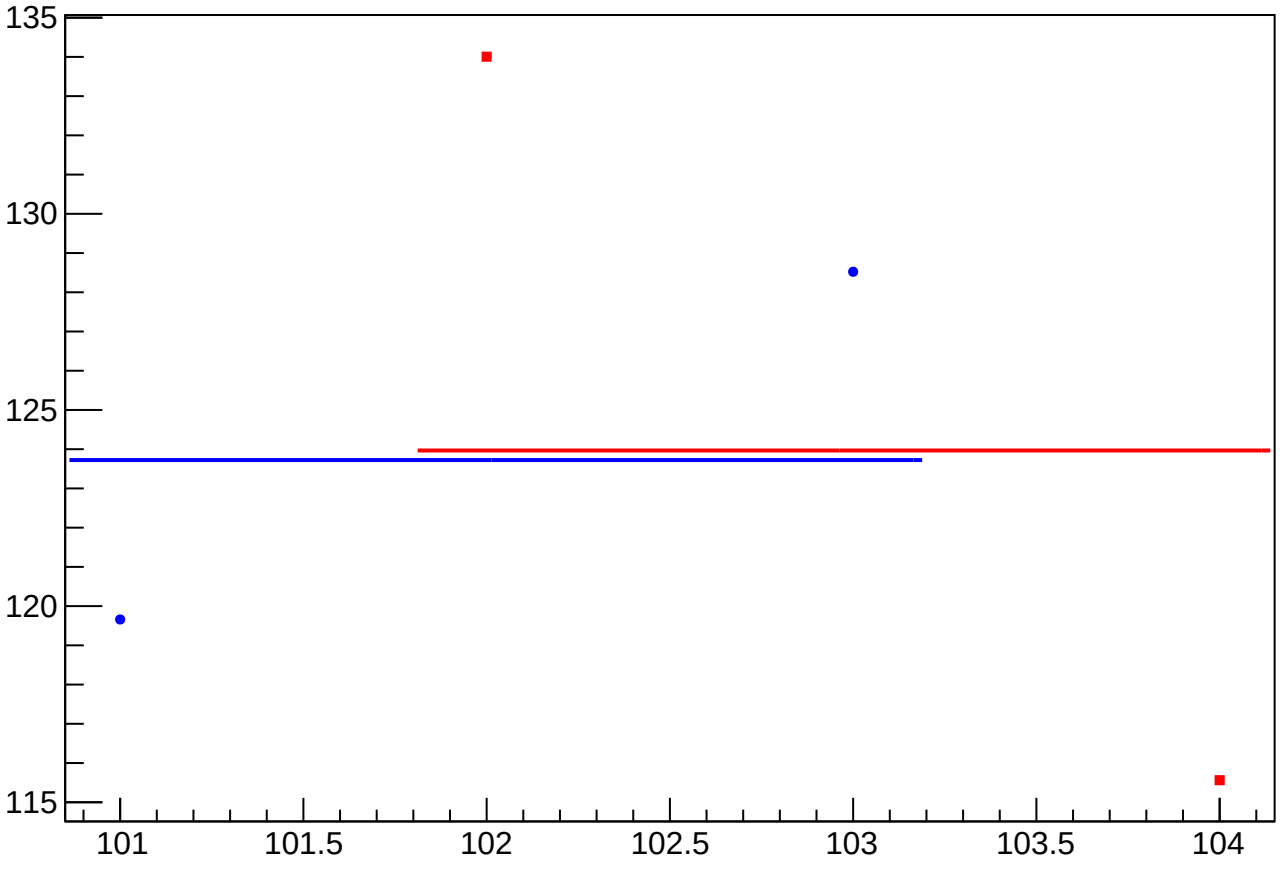
Right: 85.195+/-84.102 χ^2/NDF: 4.6/3

In: 27.953+/-115.677 χ^2/NDF:4.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 85.195+/-84.102 χ^2/NDF: 4.6/3

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 123.723+/-0.082 χ^2/NDF: 2915.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 123.967+/-0.087 χ^2/NDF: 11245.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

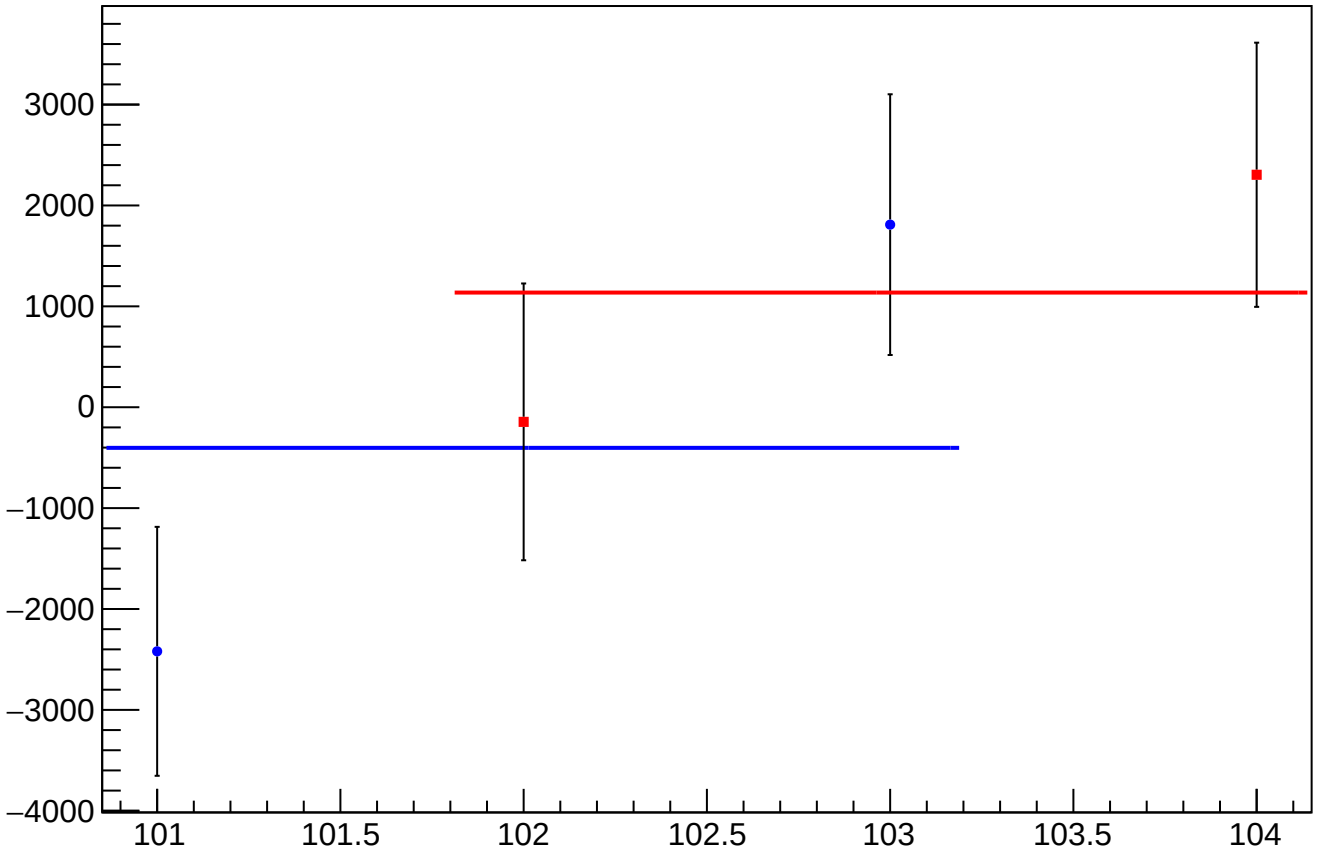
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 123.838+/-0.059 χ^2/NDF: 14164.3/3

In: 123.723+/-0.082 χ^2/NDF:2915.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 123.838+/-0.059 χ^2/NDF: 14164.3/3



Right In: -402.588+/-892.346 χ^2/NDF: 5.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1136.616+/-947.142 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

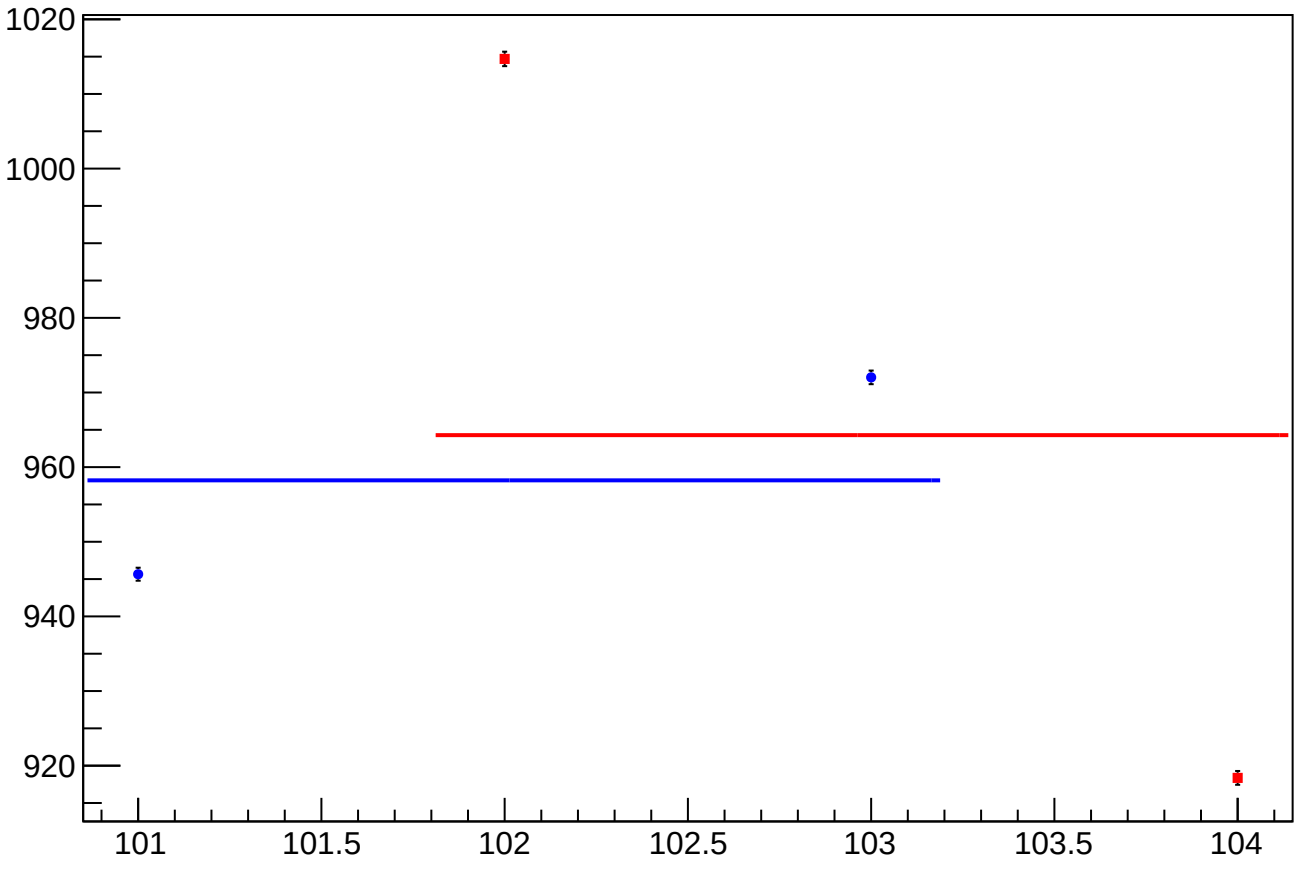
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 321.204+/-649.492 χ^2/NDF: 8.7/3

In: -402.588+/-892.346 χ^2/NDF:5.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 321.204+/-649.492 χ^2/NDF: 8.7/3



Right In: 958.230+/-0.631 χ^2/NDF: 435.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 964.287+/-0.670 χ^2/NDF: 5161.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

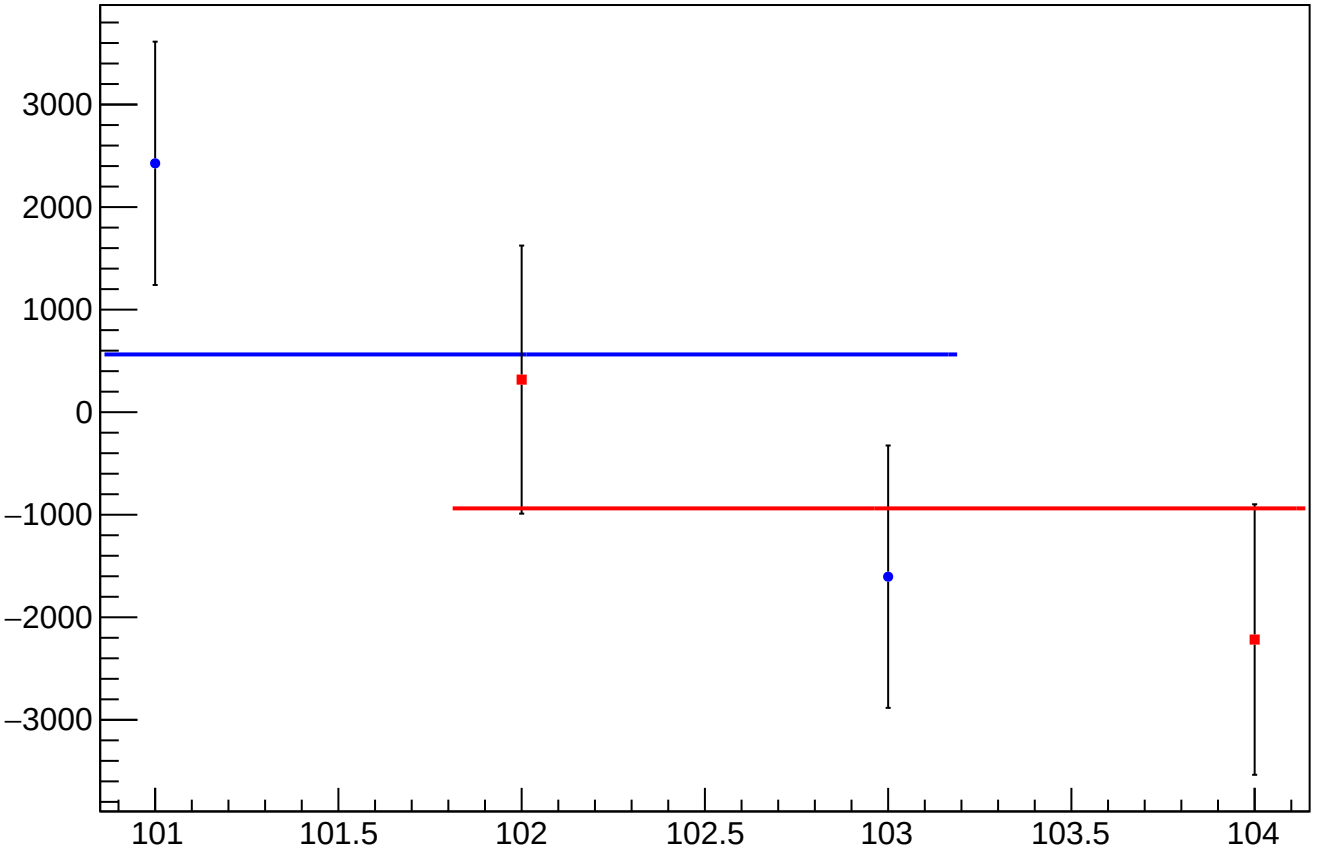
Right: 961.078+/-0.459 χ^2/NDF: 5640.2/3

In: 958.230+/-0.631 χ^2/NDF:435.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 961.078+/-0.459 χ^2/NDF: 5640.2/3

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 563.139+/-869.837 χ^2/NDF: 5.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -938.042+/-928.356 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

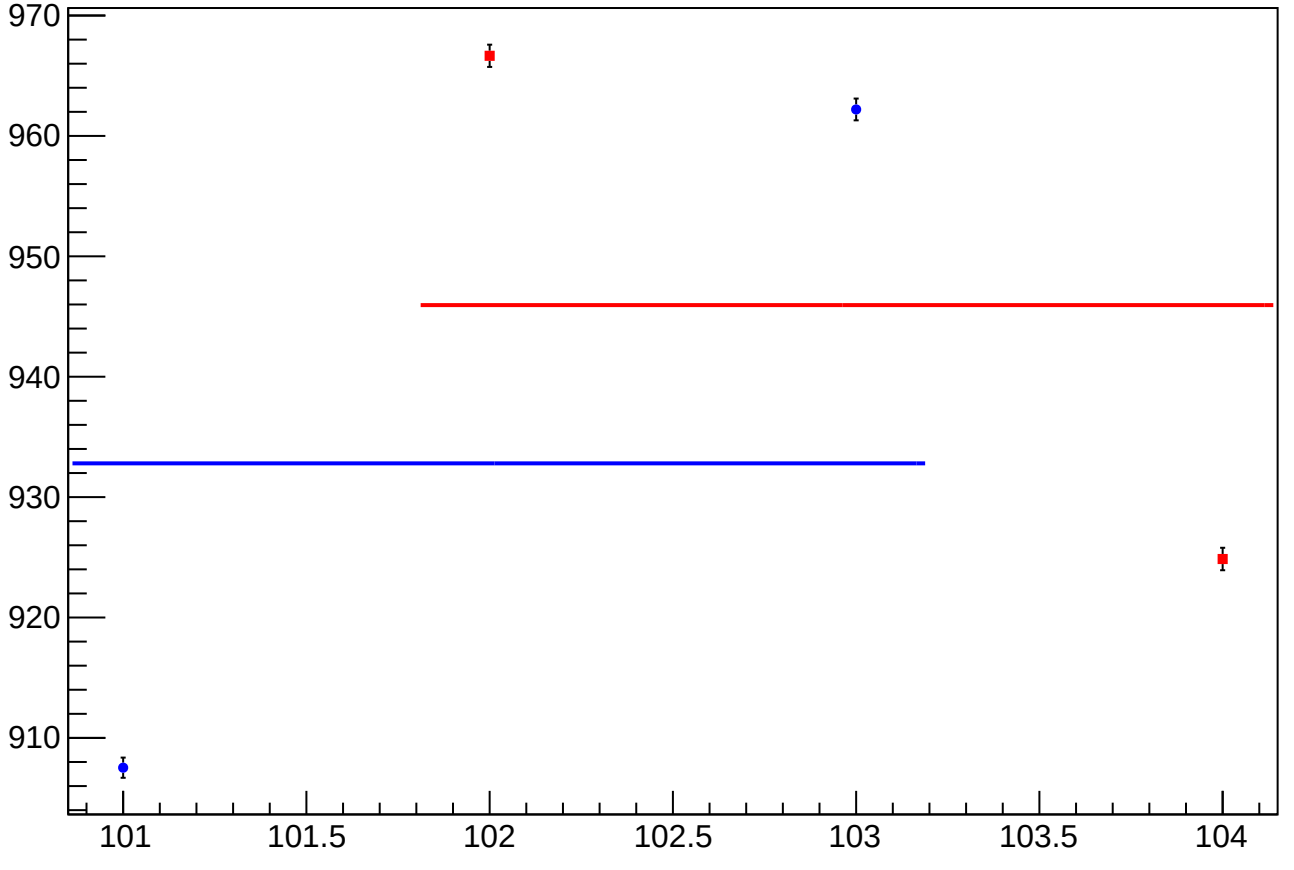
Right: -138.650+/-634.748 χ^2/NDF: 8.6/3

In: 563.139+/-869.837 χ^2/NDF:5.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -138.650+/-634.748 χ^2/NDF: 8.6/3

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 932.804+/-0.615 χ^2/NDF: 1964.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 945.949+/-0.656 χ^2/NDF: 1013.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

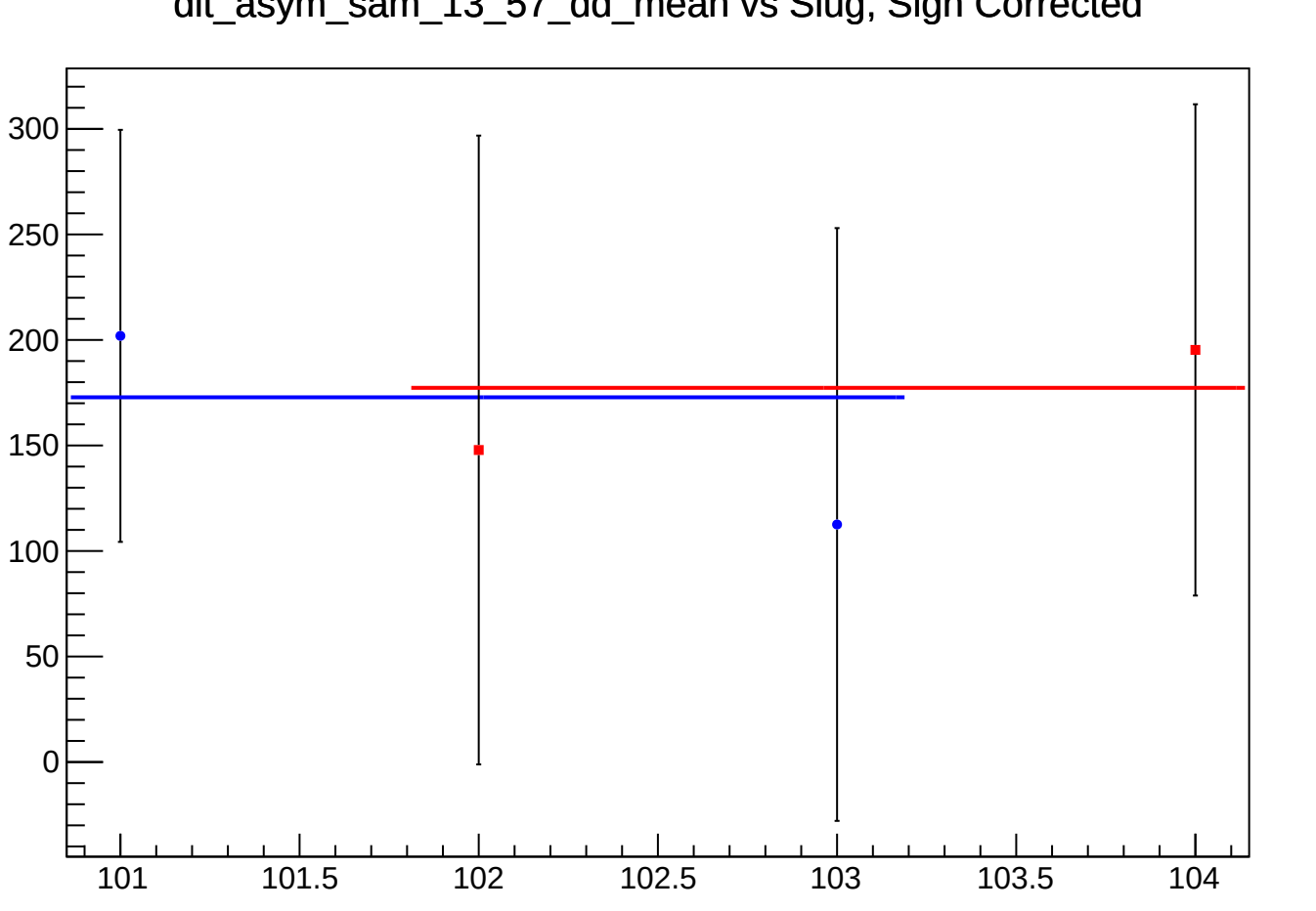
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 938.949+/-0.449 χ^2/NDF: 3191.0/3

In: 932.804+/-0.615 χ^2/NDF:1964.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 938.949+/-0.449 χ^2/NDF: 3191.0/3



Right In: 172.818+/-80.156 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 177.304+/-91.719 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

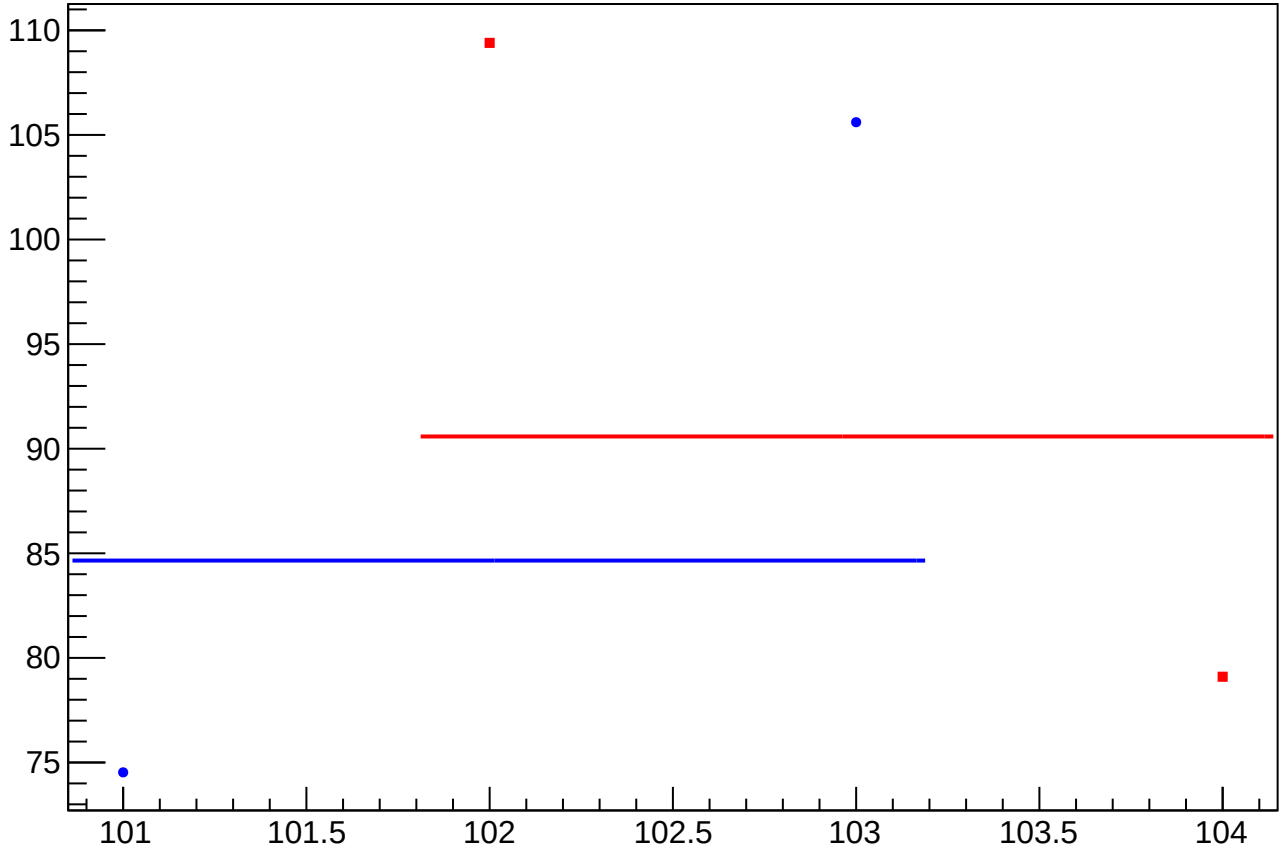
Right: 174.761+/-60.355 χ^2/NDF: 0.3/3

In: 172.818+/-80.156 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 174.761+/-60.355 χ^2/NDF: 0.3/3

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 84.653+/-0.057 χ^2/NDF: 66043.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 90.585+/-0.065 χ^2/NDF: 51377.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

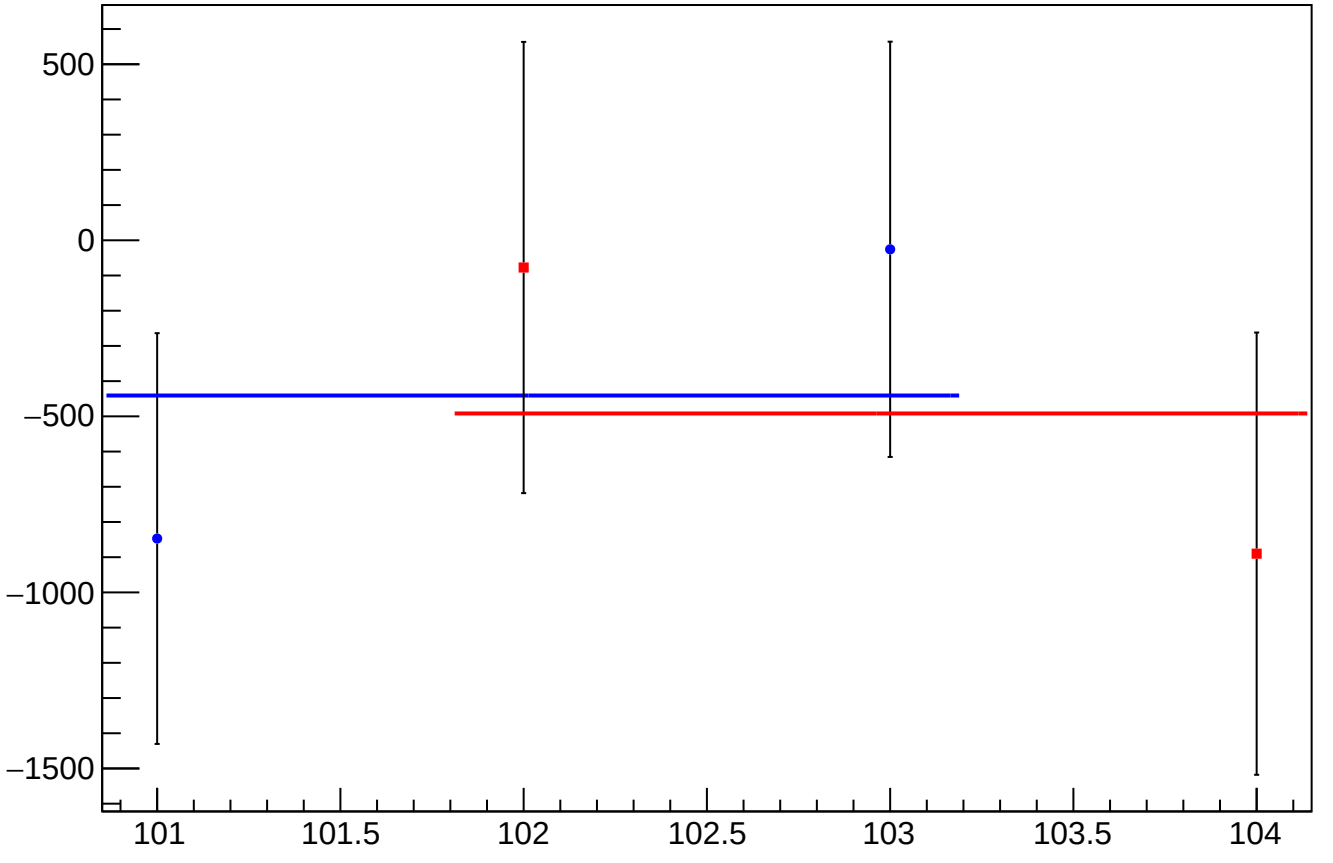
Right: 87.222+/-0.043 χ^2/NDF: 122163.4/3

In: 84.653+/-0.057 χ^2/NDF:66043.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 87.222+/-0.043 χ^2/NDF: 122163.4/3

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -440.828+/-414.695 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -491.792+/-448.503 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

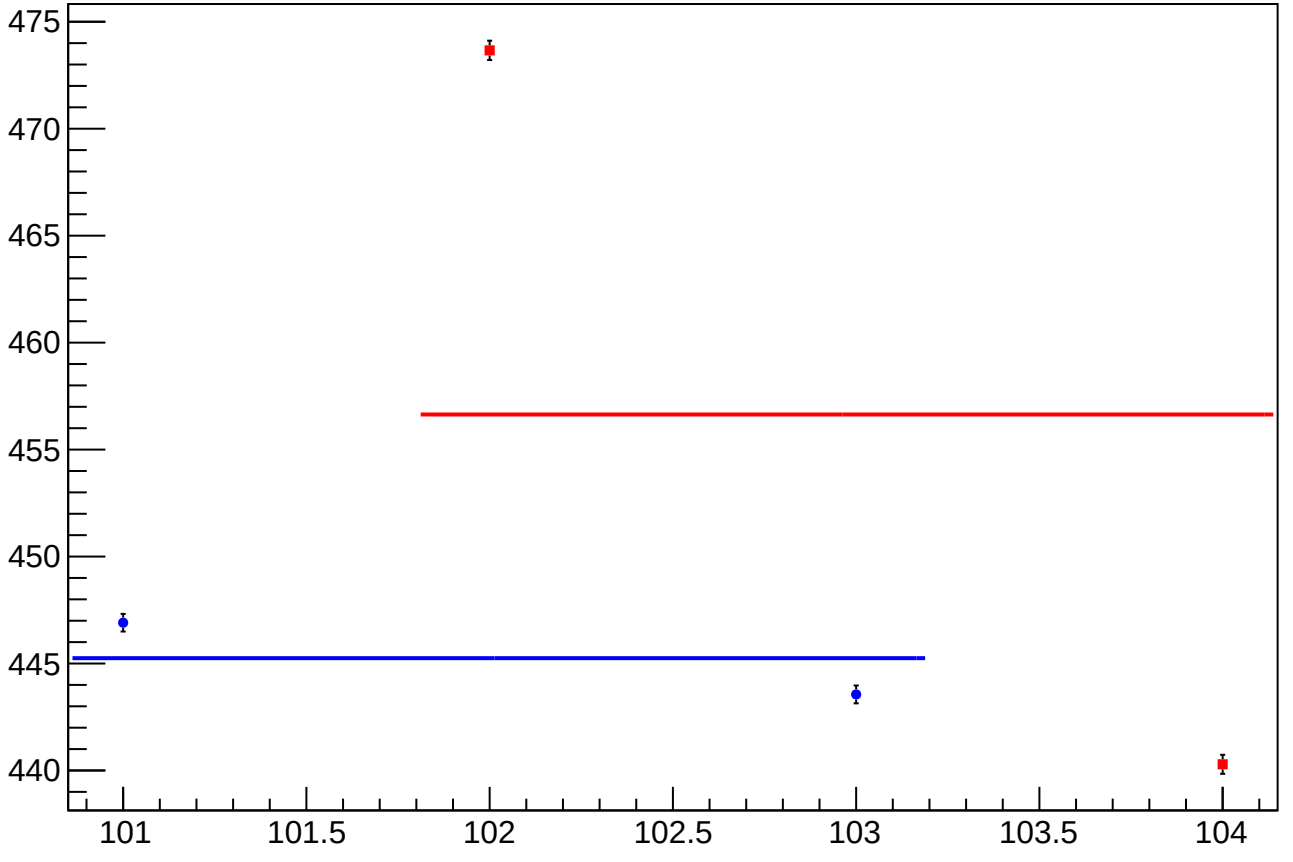
Right: -464.317+/-304.485 χ^2/NDF: 1.8/3

In: -440.828+/-414.695 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -464.317+/-304.485 χ^2/NDF: 1.8/3

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 445.250+/-0.293 χ^2/NDF: 32.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 456.641+/-0.317 χ^2/NDF: 2767.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

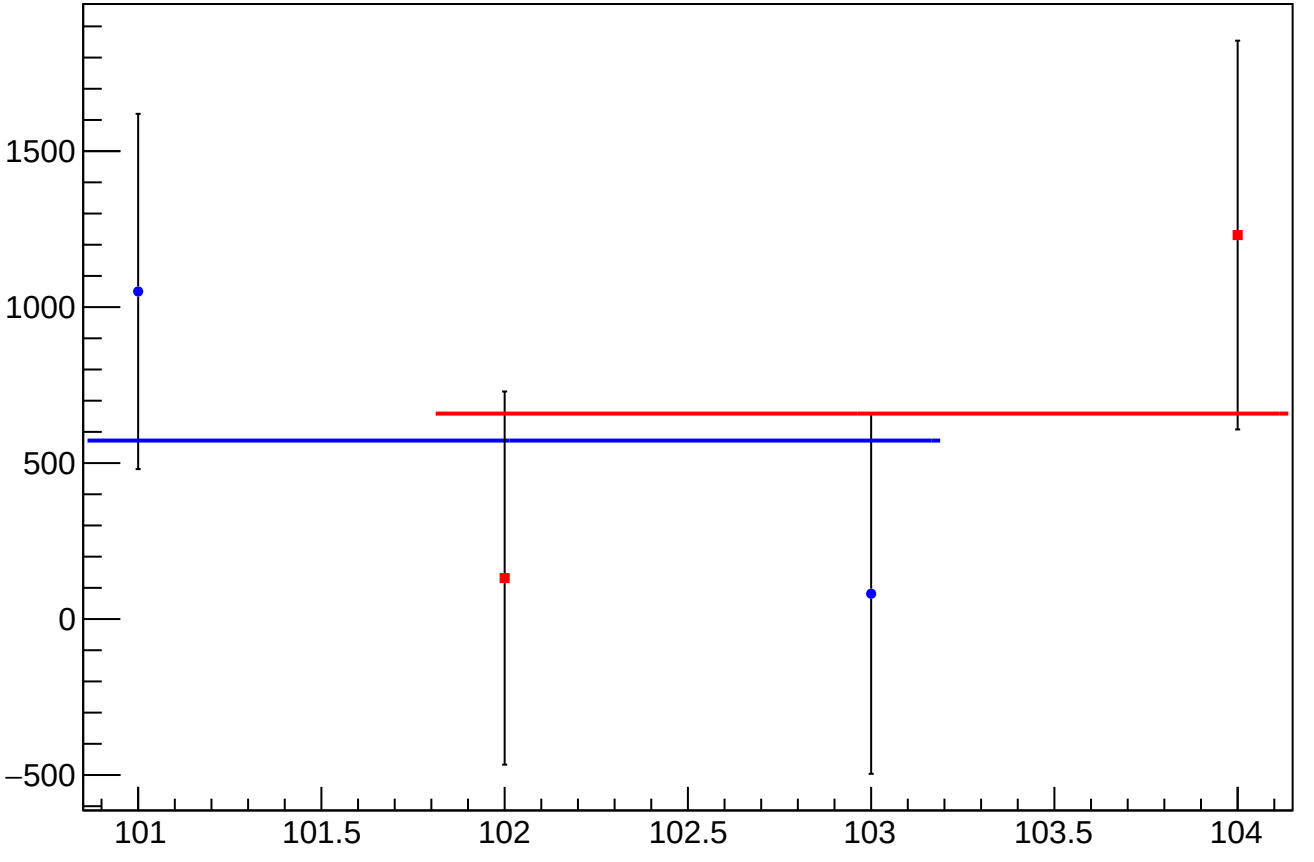
Right: 450.500+/-0.215 χ^2/NDF: 3495.5/3

In: 445.250+/-0.293 χ^2/NDF:32.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 450.500+/-0.215 χ^2/NDF: 3495.5/3

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 572.204+/-405.417 χ^2/NDF: 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 658.690+/-431.530 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

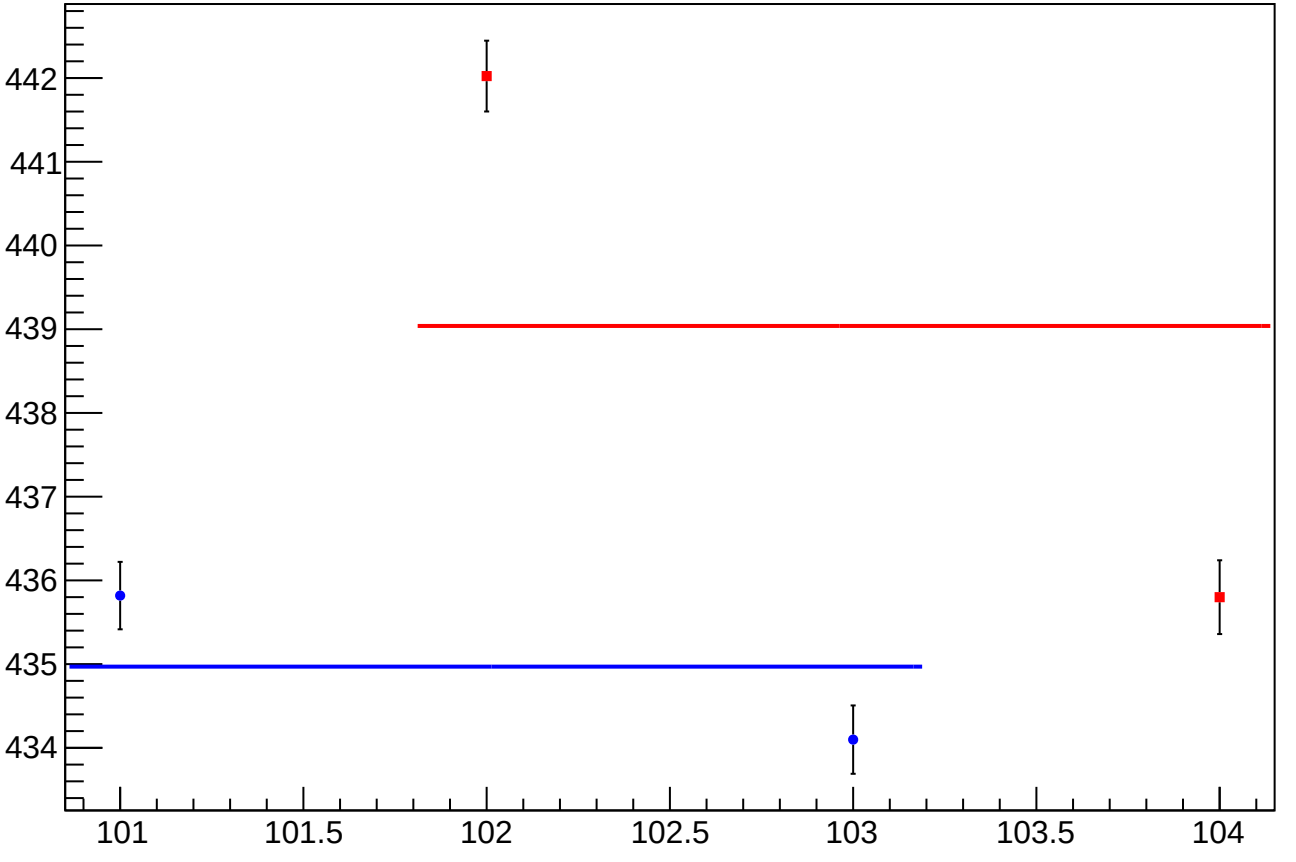
Right: 612.751+/-295.474 χ^2/NDF: 3.1/3

In: 572.204+/-405.417 χ^2/NDF:1.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 612.751+/-295.474 χ^2/NDF: 3.1/3

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 434.970+/-0.287 χ^2/NDF: 9.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 439.039+/-0.305 χ^2/NDF: 103.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

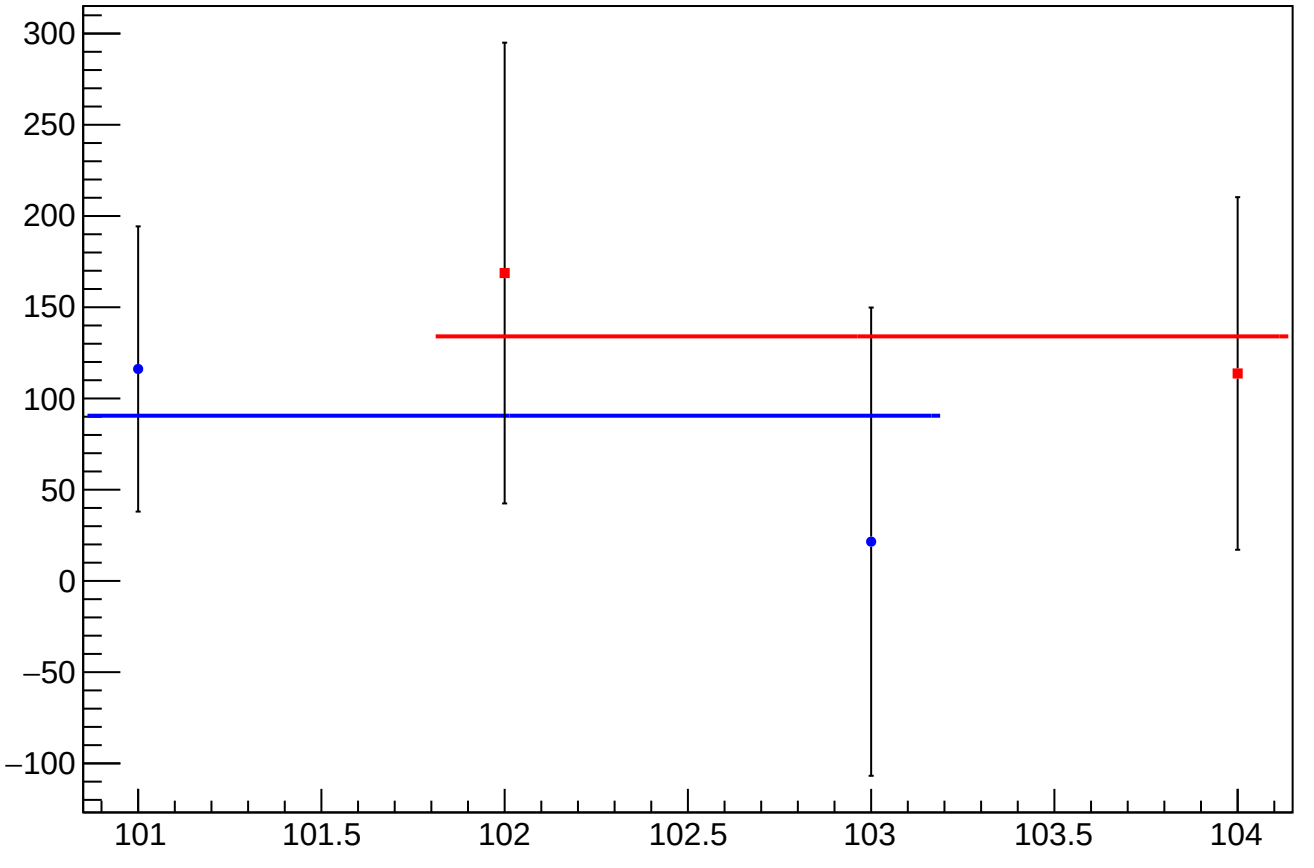
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

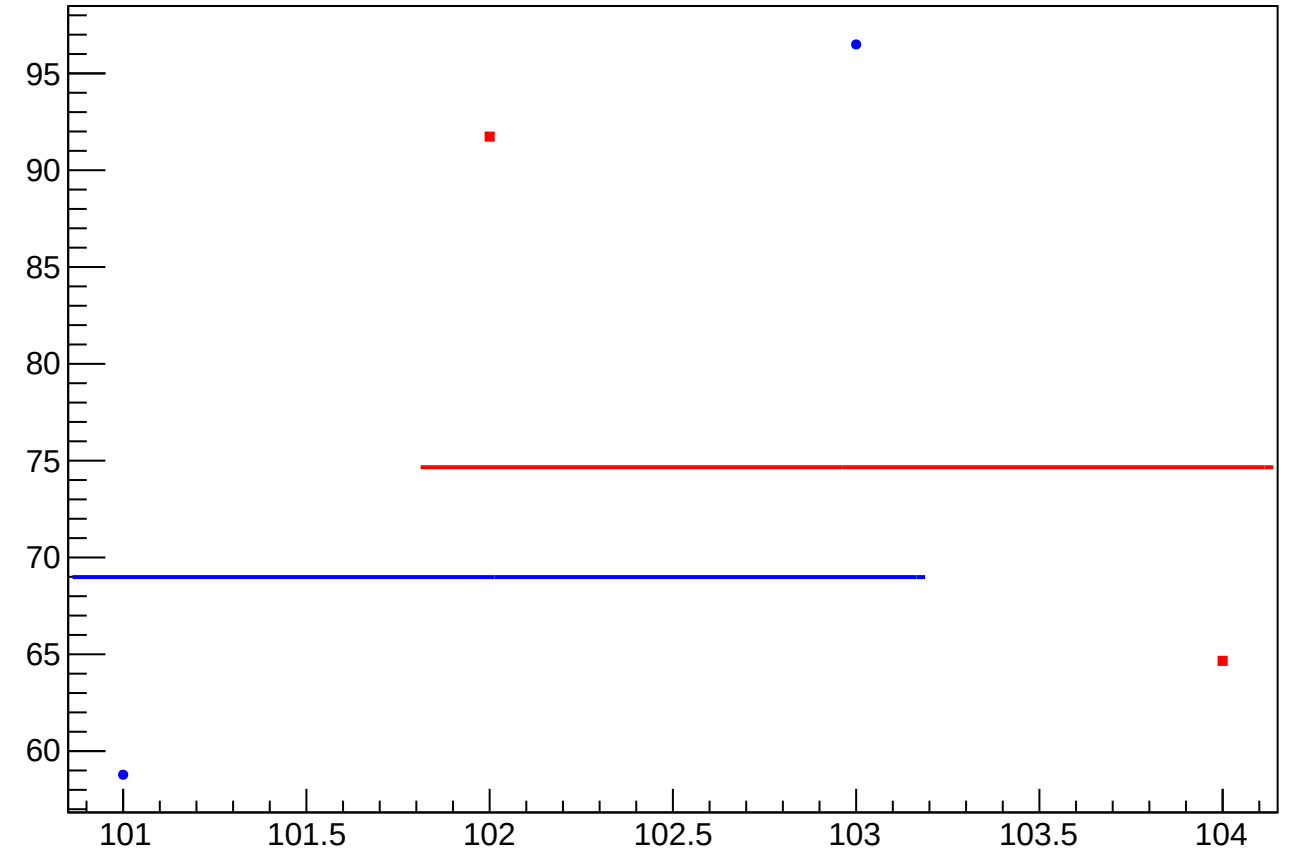
Right: 436.878+/-0.209 χ^2/NDF: 207.3/3

In: 434.970+/-0.287 χ^2/NDF:9.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 436.878+/-0.209 χ^2/NDF: 207.3/3


dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected
300
250
200
150
100
50
0
−50
−100
101
101.5
102
102.5
103
103.5
104
Right In: 90.551+/-66.753 χ²/NDF: 0.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 134.037+/-76.735 χ²/NDF: 0.1/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 109.283+/-50.364 χ²/NDF: 0.7/3
In: 90.551+/-66.753 χ²/NDF:0.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 109.283+/-50.364 χ²/NDF: 0.7/3



Right In: 68.987+/-0.047 χ^2/NDF: 126020.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 74.661+/-0.054 χ^2/NDF: 57986.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

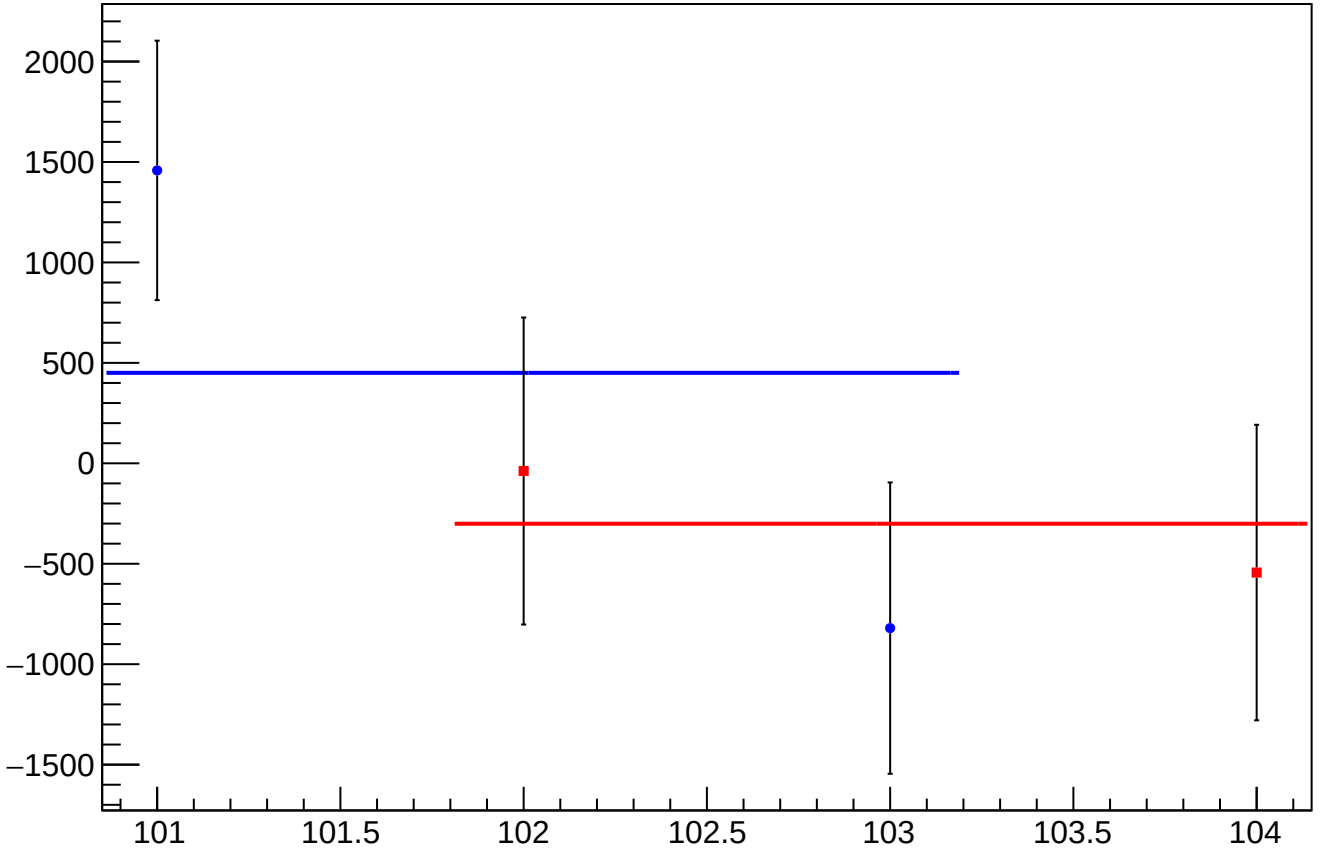
Right: 71.431+/-0.036 χ^2/NDF: 190231.7/3

In: 68.987+/-0.047 χ^2/NDF:126020.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 71.431+/-0.036 χ^2/NDF: 190231.7/3

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 450.358+/-482.297 χ^2/NDF: 5.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -300.717+/-529.970 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

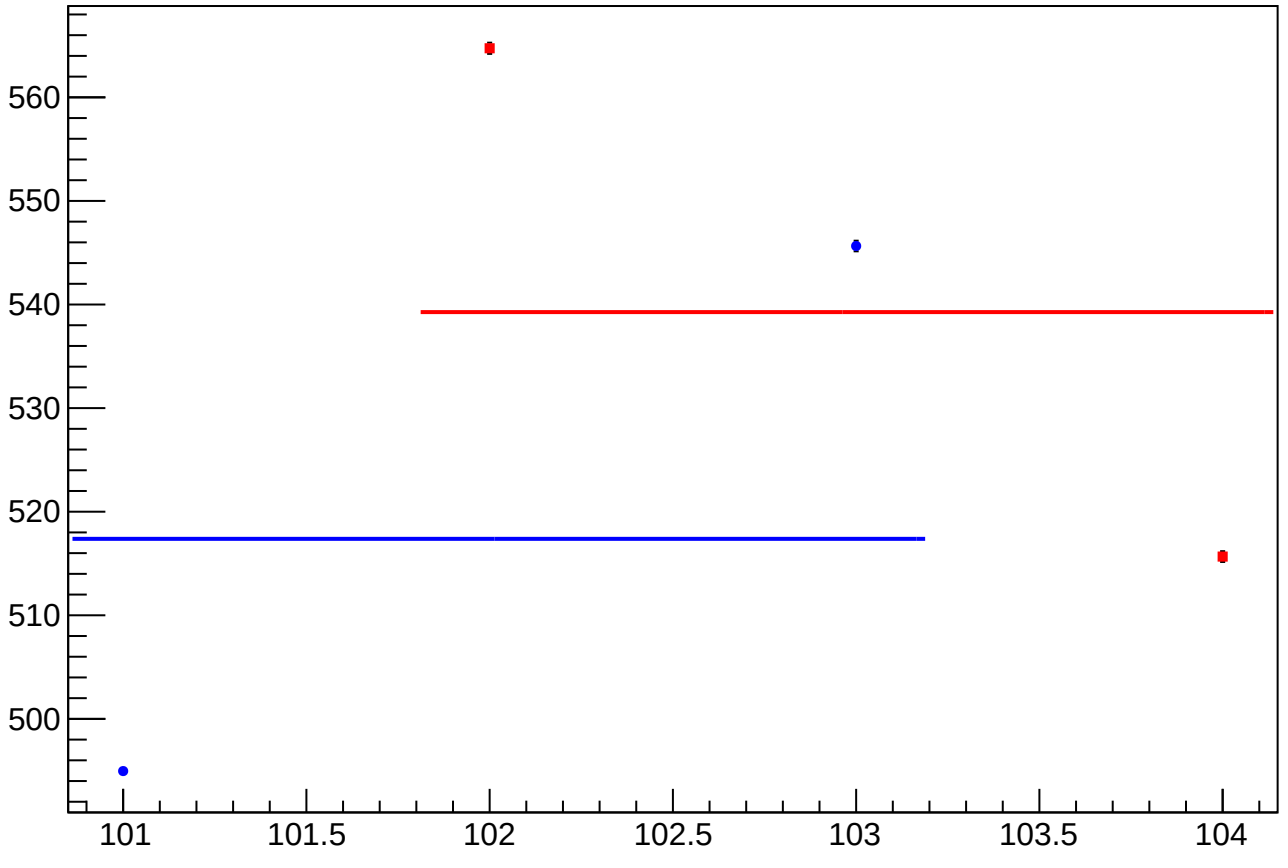
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 110.114+/-356.701 χ^2/NDF: 6.8/3

In: 450.358+/-482.297 χ^2/NDF:5.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 110.114+/-356.701 χ^2/NDF: 6.8/3



Right In: 517.380+/-0.341 χ^2/NDF: 5448.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 539.268+/-0.375 χ^2/NDF: 4280.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

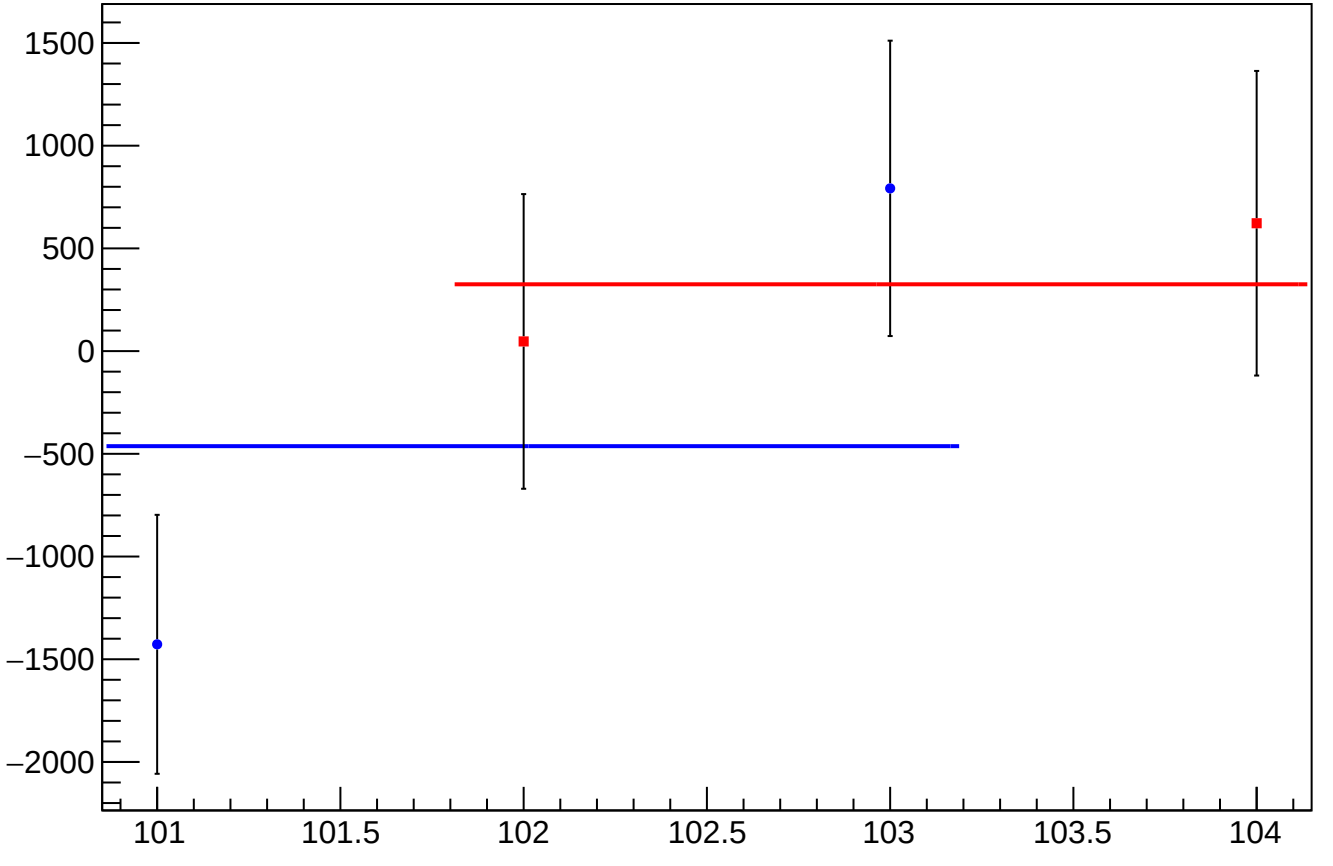
Right: 527.296+/-0.252 χ^2/NDF: 11594.8/3

In: 517.380+/-0.341 χ^2/NDF:5448.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 527.296+/-0.252 χ^2/NDF: 11594.8/3

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -462.722+/-473.955 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 325.247+/-515.501 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

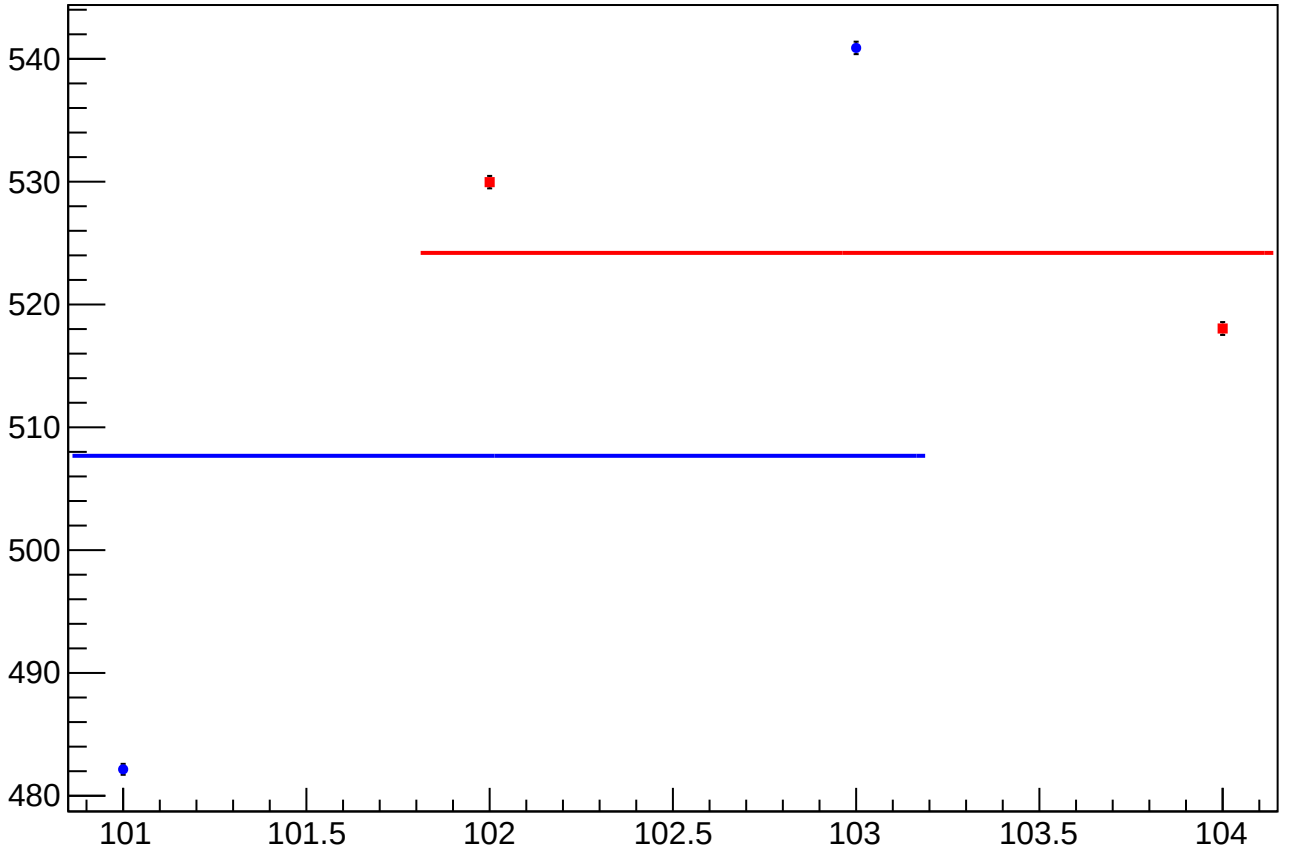
Right: -101.765+/-348.901 χ^2/NDF: 7.0/3

In: -462.722+/-473.955 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -101.765+/-348.901 χ^2/NDF: 7.0/3

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 507.680+/-0.335 χ^2/NDF: 7548.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 524.202+/-0.365 χ^2/NDF: 266.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

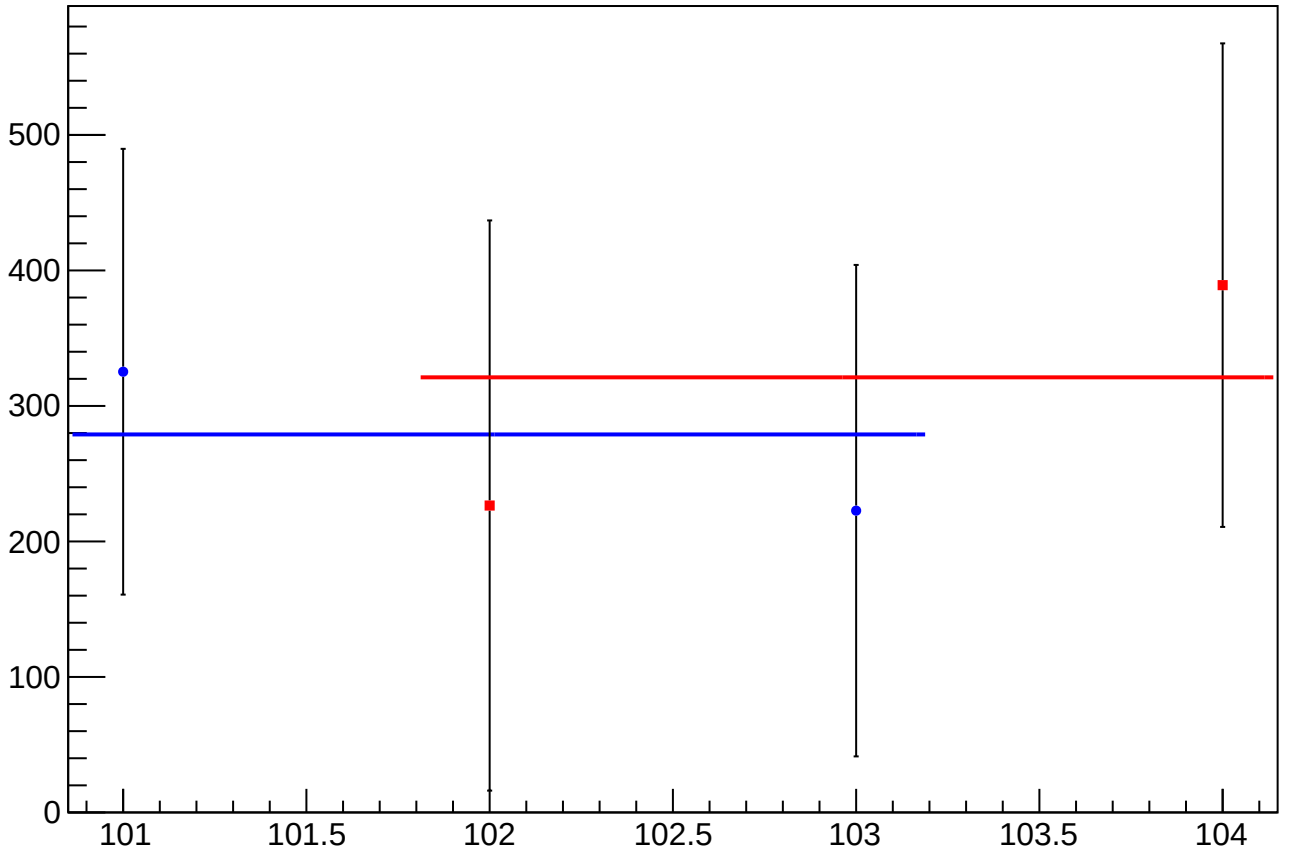
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 515.249+/-0.247 χ^2/NDF: 8928.3/3

In: 507.680+/-0.335 χ^2/NDF:7548.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 515.249+/-0.247 χ^2/NDF: 8928.3/3



Right In: 278.973+/-121.837 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 321.112+/-136.081 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

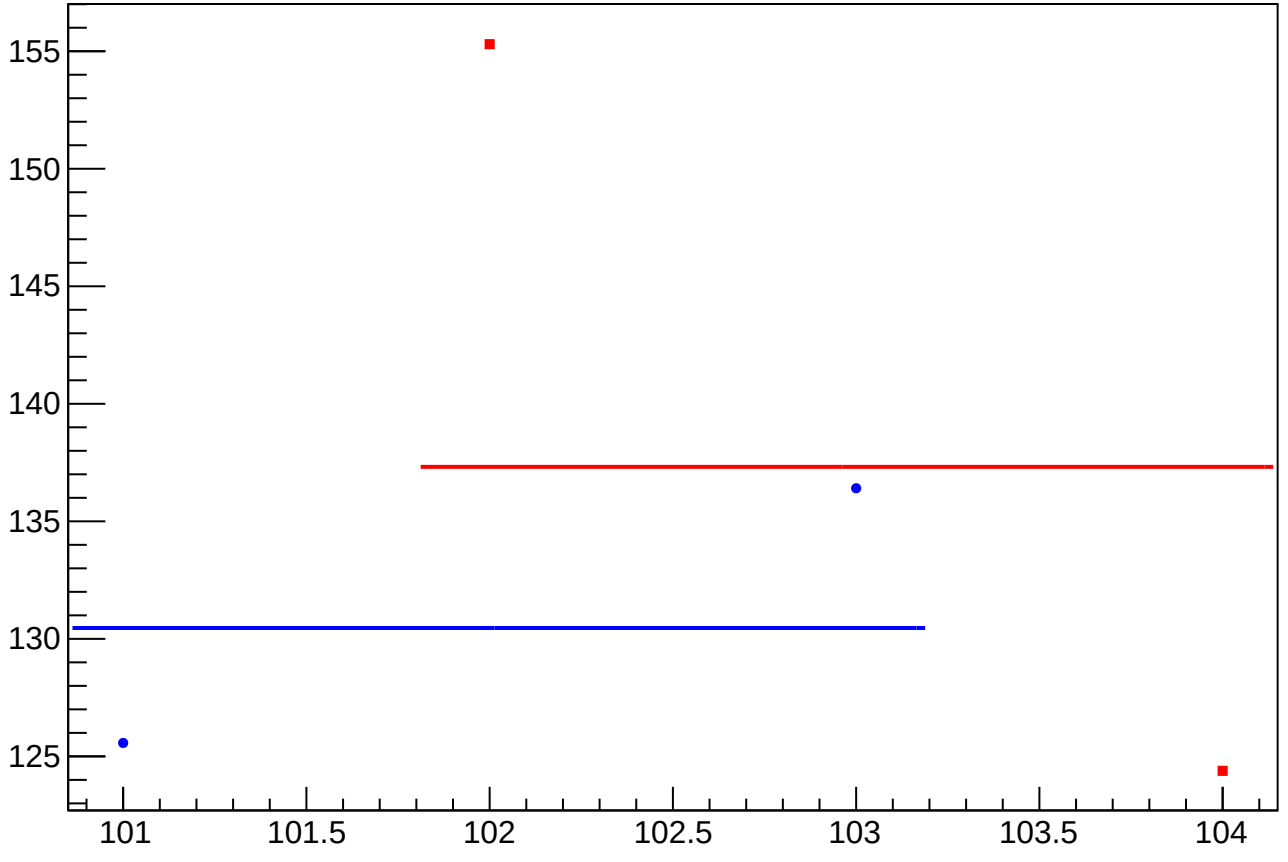
Right: 297.723+/-90.771 χ^2/NDF: 0.6/3

In: 278.973+/-121.837 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 297.723+/-90.771 χ^2/NDF: 0.6/3

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 130.463+/-0.086 χ^2/NDF: 3917.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 137.318+/-0.096 χ^2/NDF: 25117.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

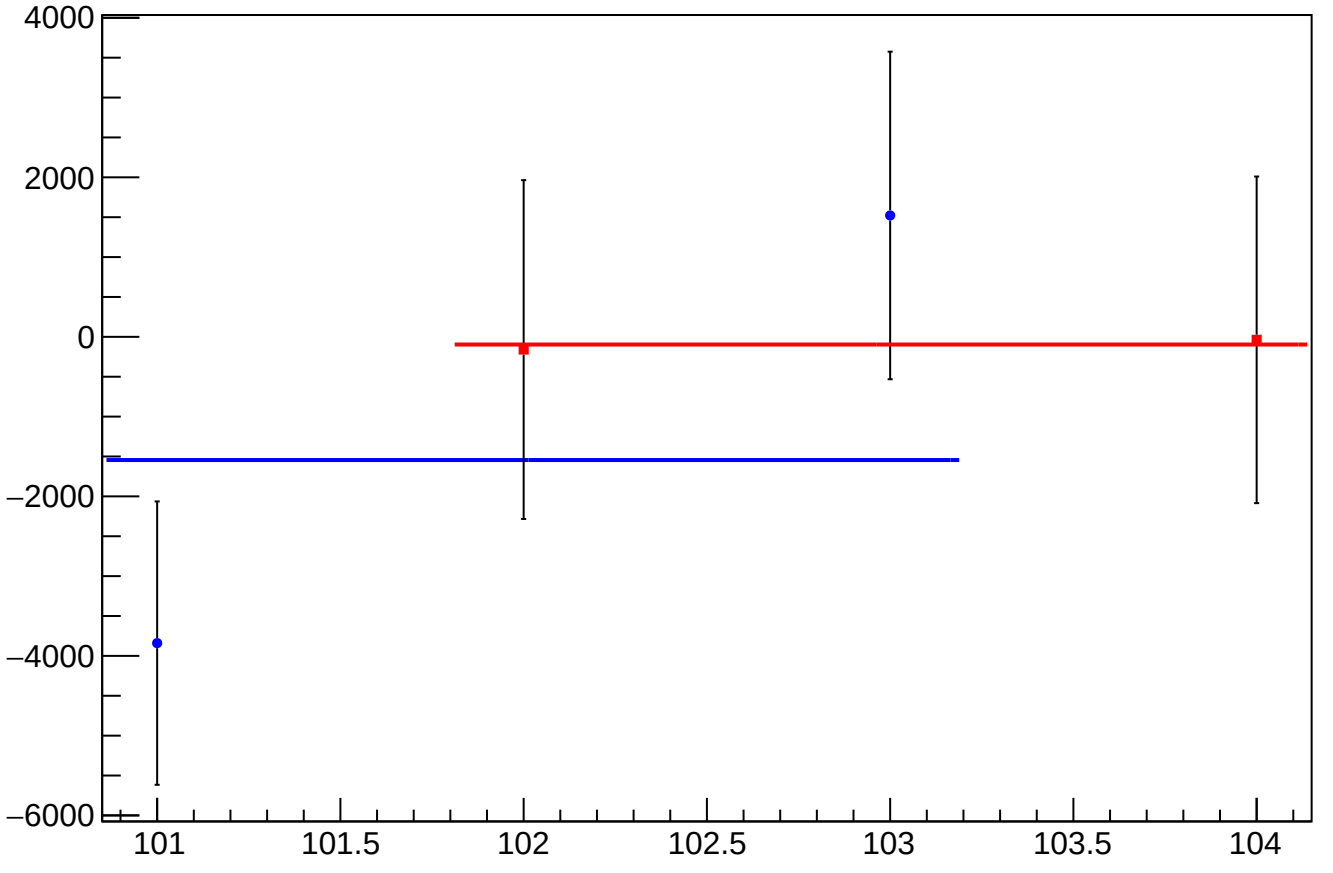
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 133.513+/-0.064 χ^2/NDF: 31852.5/3

In: 130.463+/-0.086 χ^2/NDF:3917.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 133.513+/-0.064 χ^2/NDF: 31852.5/3



Right In: -1544.567+/-1343.477 χ^2/NDF: 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -96.229+/-1474.208 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

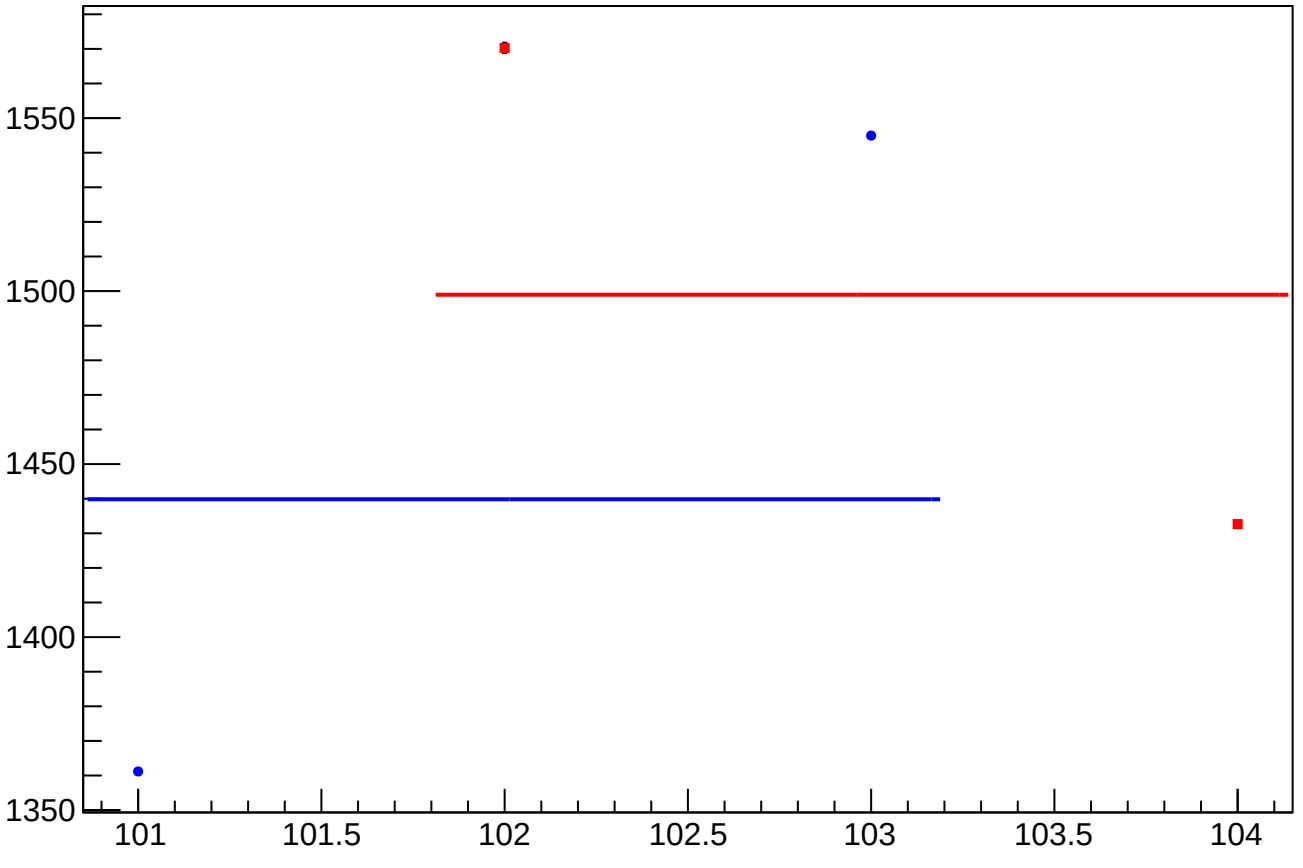
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -887.452+/-992.989 χ^2/NDF: 4.4/3

In: -1544.567+/-1343.477 χ^2/NDF:3.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -887.452+/-992.989 χ^2/NDF: 4.4/3



Right In: 1439.838+/-0.950 χ^2/NDF: 9161.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1498.953+/-1.042 χ^2/NDF: 4351.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

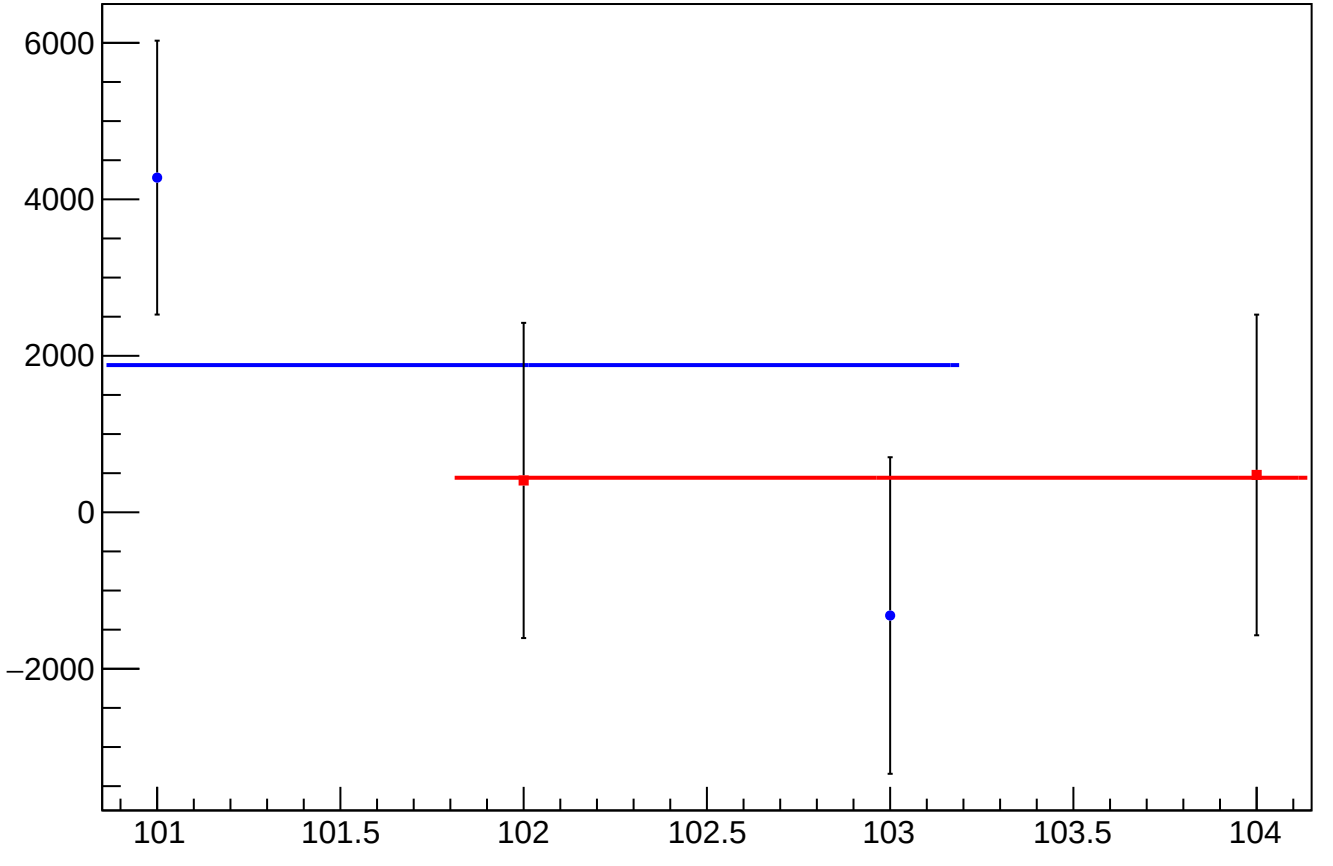
Right: 1466.659+/-0.702 χ^2/NDF: 15269.5/3

In: 1439.838+/-0.950 χ^2/NDF:9161.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1466.659+/-0.702 χ^2/NDF: 15269.5/3

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1881.543+/-1323.674 χ^2/NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 441.565+/-1436.516 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

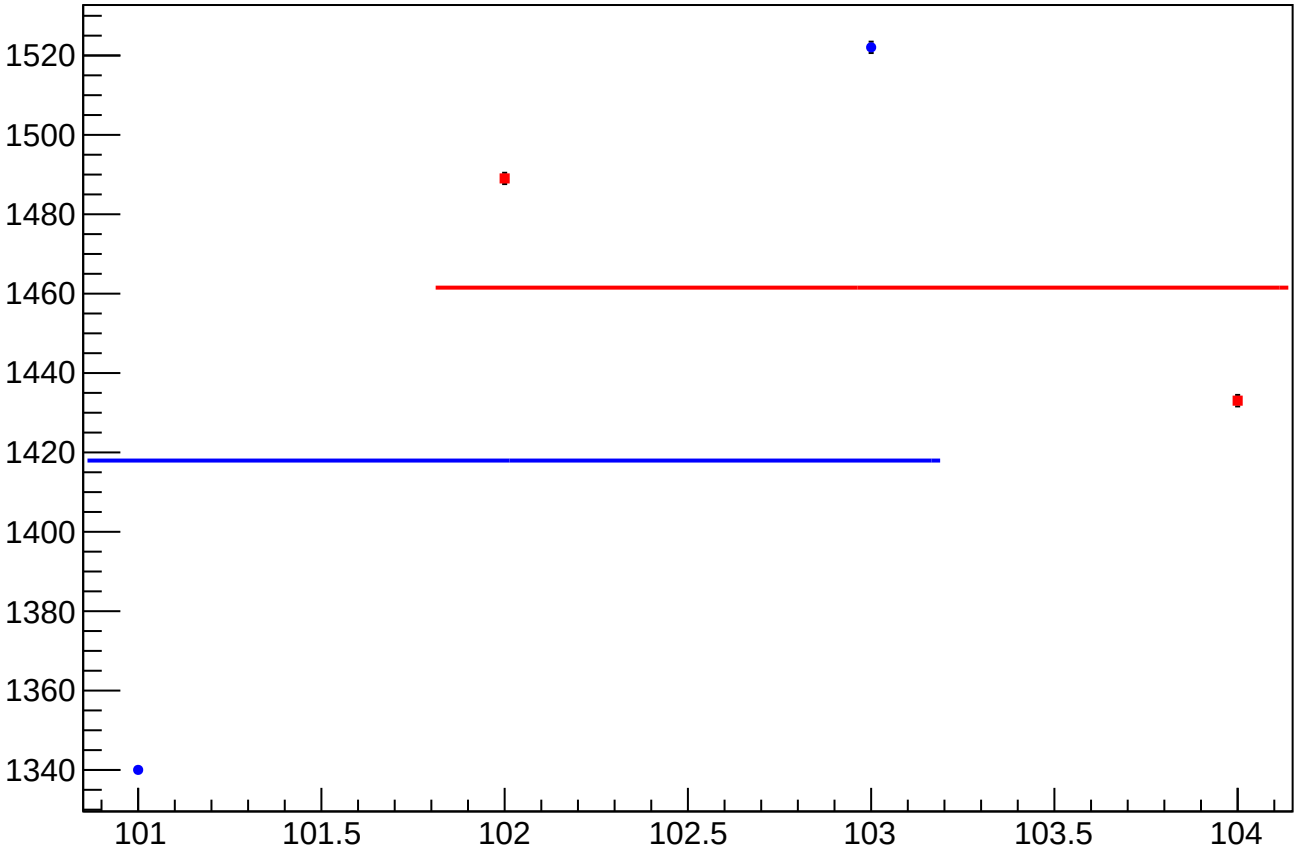
Right: 1220.325+/-973.430 χ^2/NDF: 4.9/3

In: 1881.543+/-1323.674 χ^2/NDF:4.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1220.325+/-973.430 χ^2/NDF: 4.9/3

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1417.951+/-0.936 χ^2/NDF: 9260.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1461.515+/-1.016 χ^2/NDF: 759.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

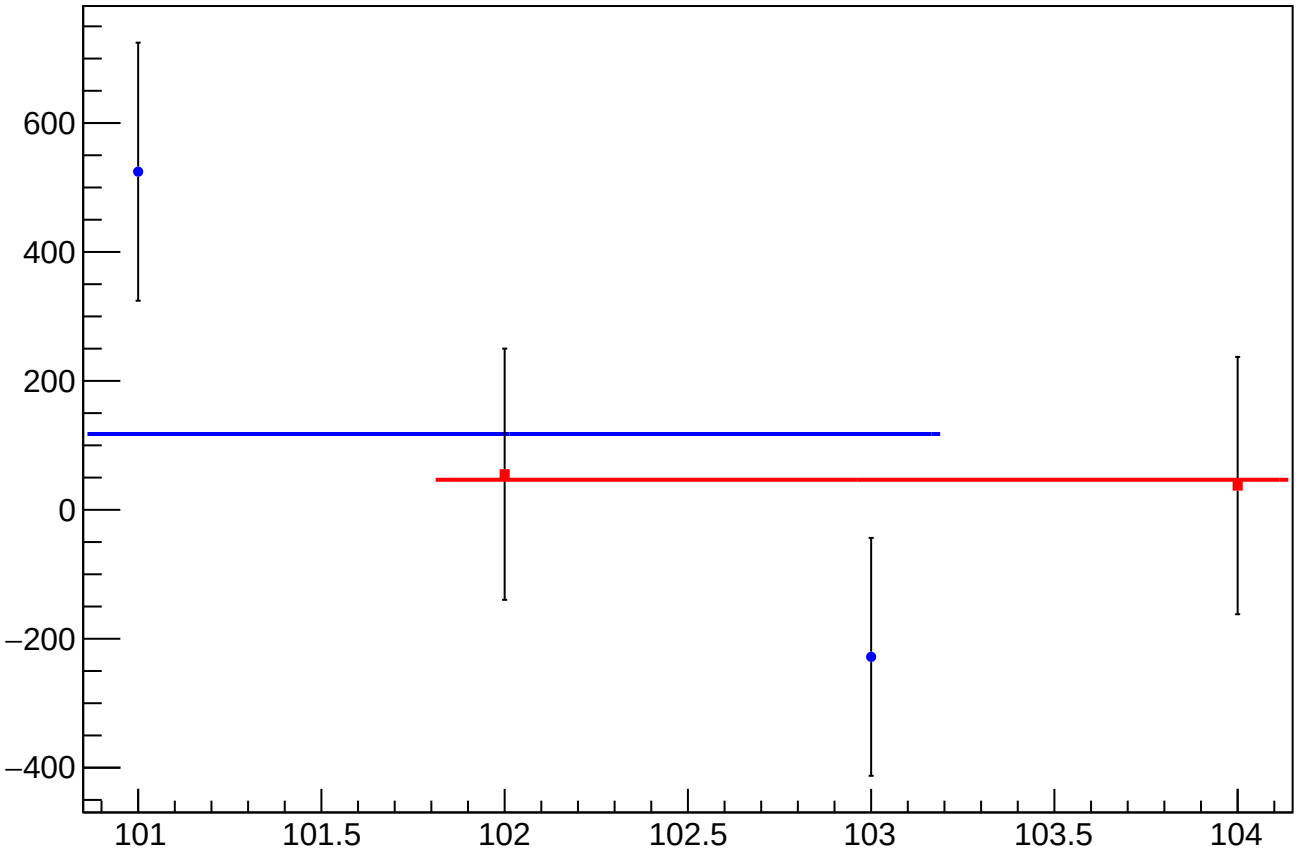
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1437.955+/-0.688 χ^2/NDF: 11014.5/3

In: 1417.951+/-0.936 χ^2/NDF:9260.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1437.955+/-0.688 χ^2/NDF: 11014.5/3



Right In: 117.627+/-135.663 χ^2/NDF: 7.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 46.637+/-139.418 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

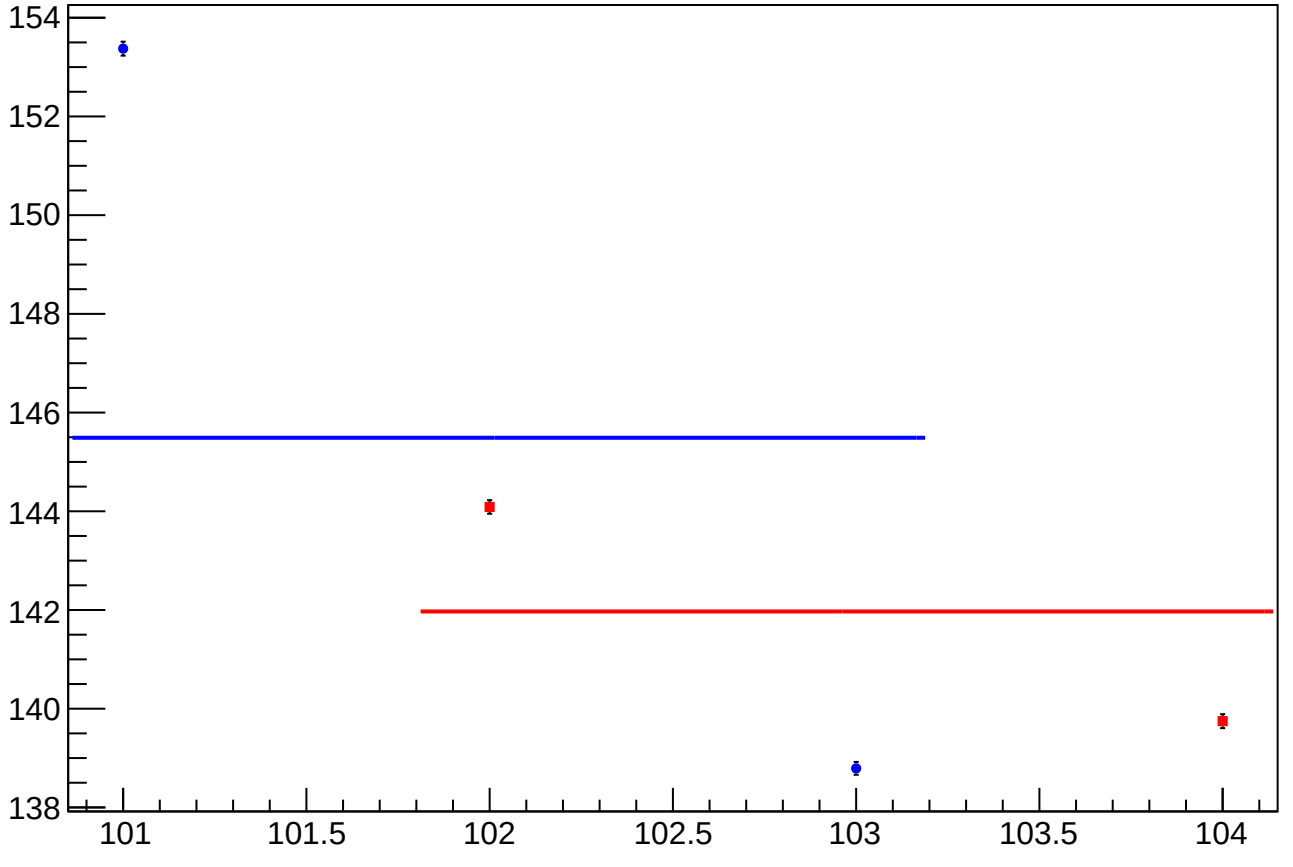
Right: 83.101+/-97.229 χ^2/NDF: 7.8/3

In: 117.627+/-135.663 χ^2/NDF:7.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 83.101+/-97.229 χ^2/NDF: 7.8/3

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 145.490+/-0.096 χ^2/NDF: 5738.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 141.970+/-0.099 χ^2/NDF: 484.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

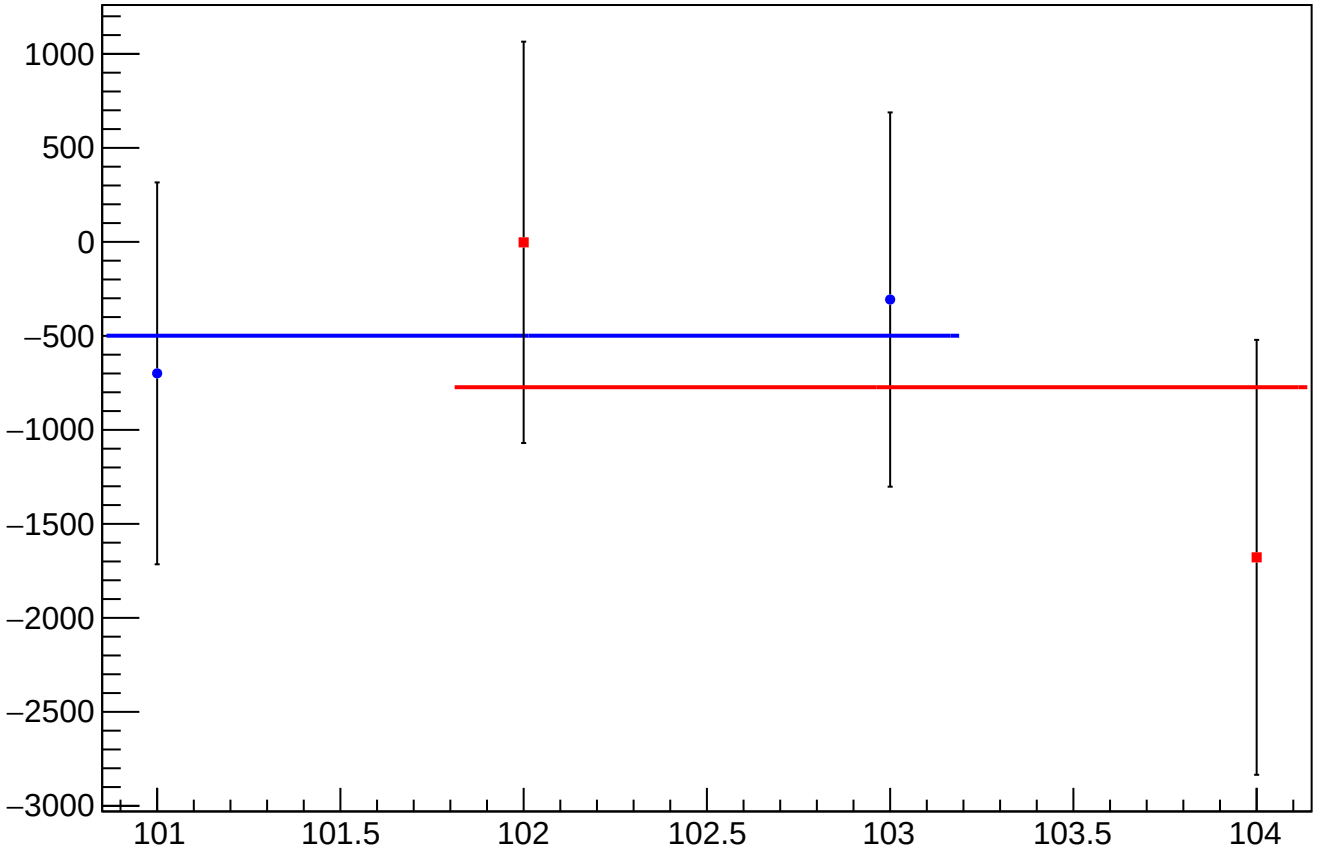
Right: 143.778+/-0.069 χ^2/NDF: 6877.5/3

In: 145.490+/-0.096 χ^2/NDF:5738.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 143.778+/-0.069 χ^2/NDF: 6877.5/3

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -499.093+/-710.918 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -773.060+/-784.475 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

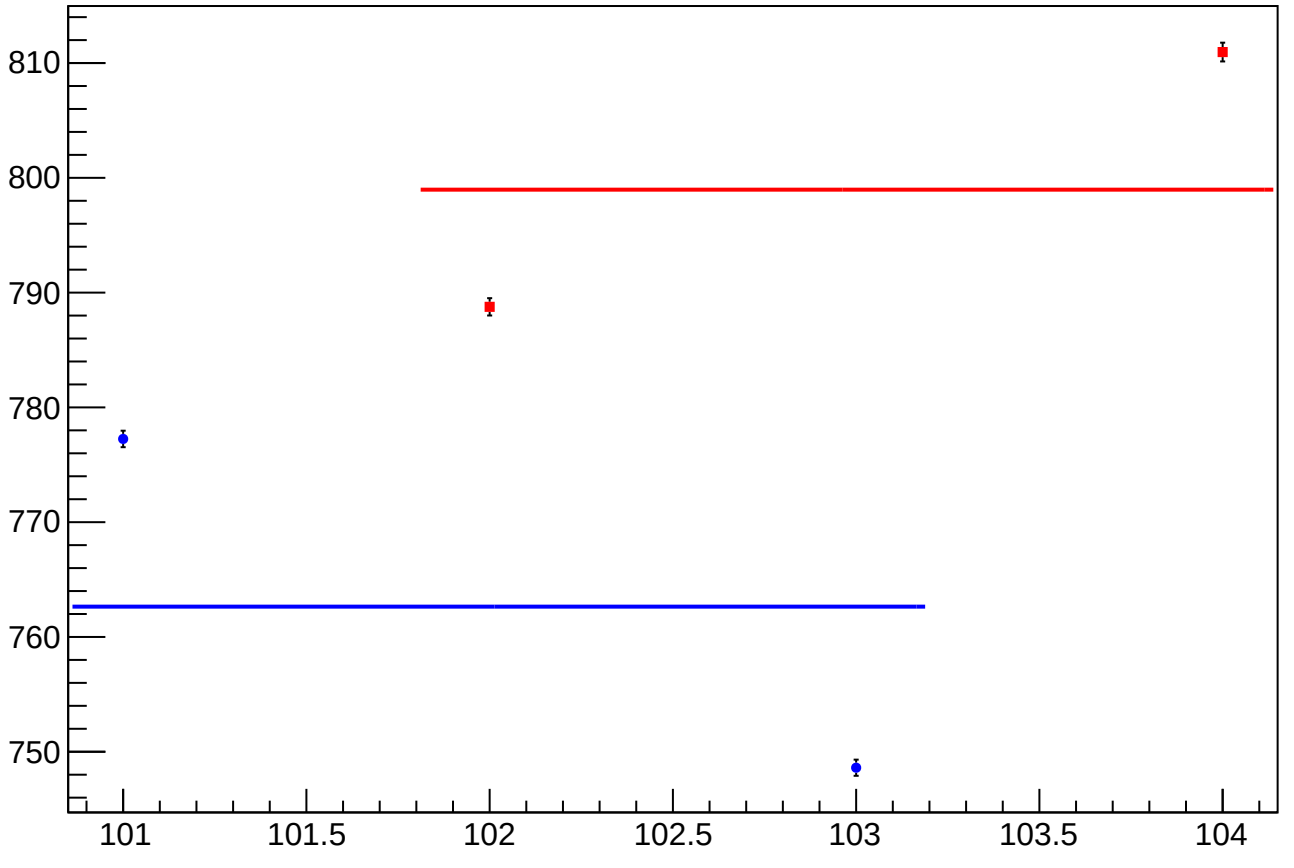
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -622.633+/-526.785 χ^2/NDF: 1.3/3

In: -499.093+/-710.918 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -622.633+/-526.785 χ^2/NDF: 1.3/3



Right In: 762.642+/-0.503 χ^2/NDF: 811.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 798.970+/-0.555 χ^2/NDF: 397.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

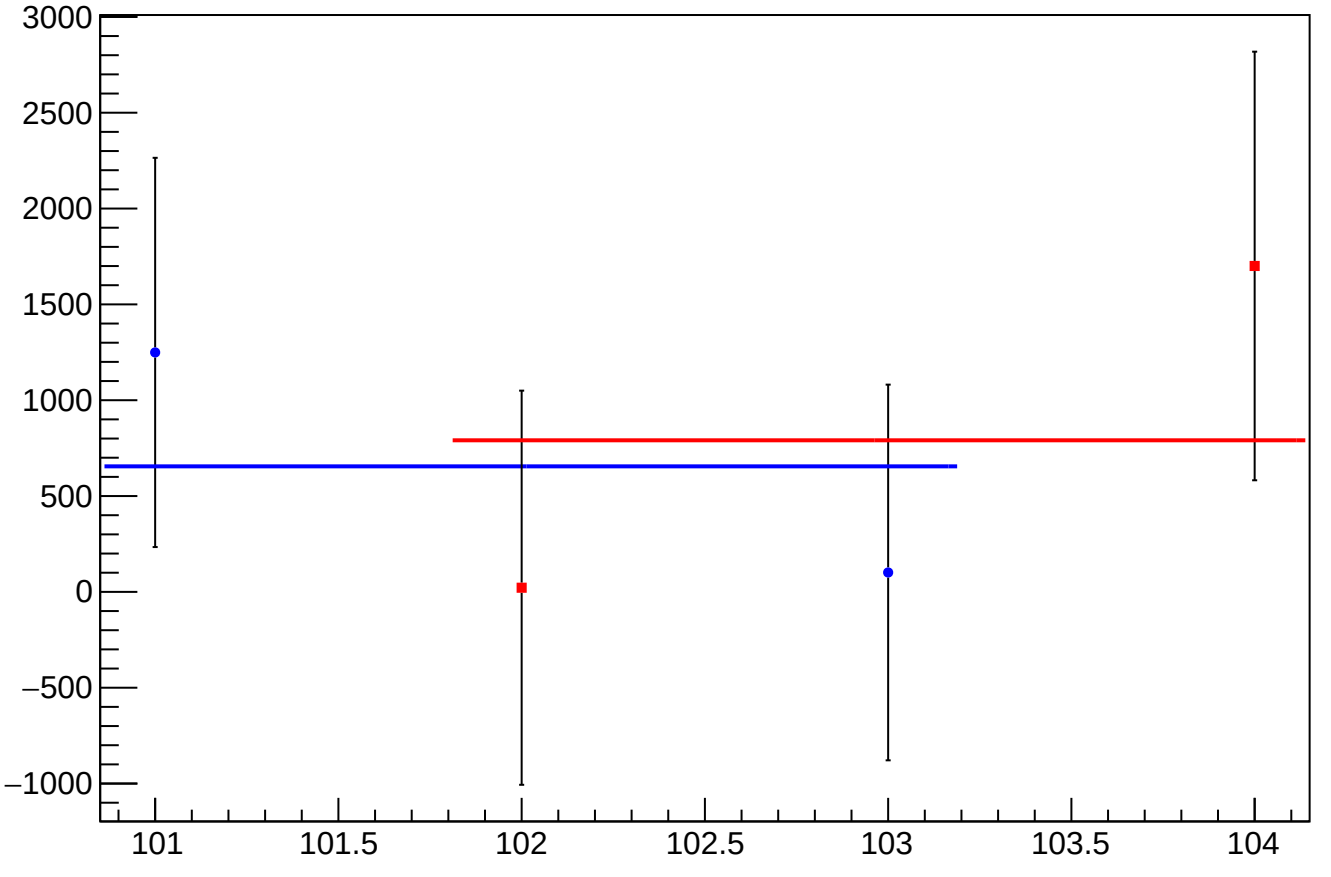
Right: 779.023+/-0.372 χ^2/NDF: 3564.0/3

In: 762.642+/-0.503 χ^2/NDF:811.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 779.023+/-0.372 χ^2/NDF: 3564.0/3

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 654.937+/-705.167 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 790.849+/-756.837 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

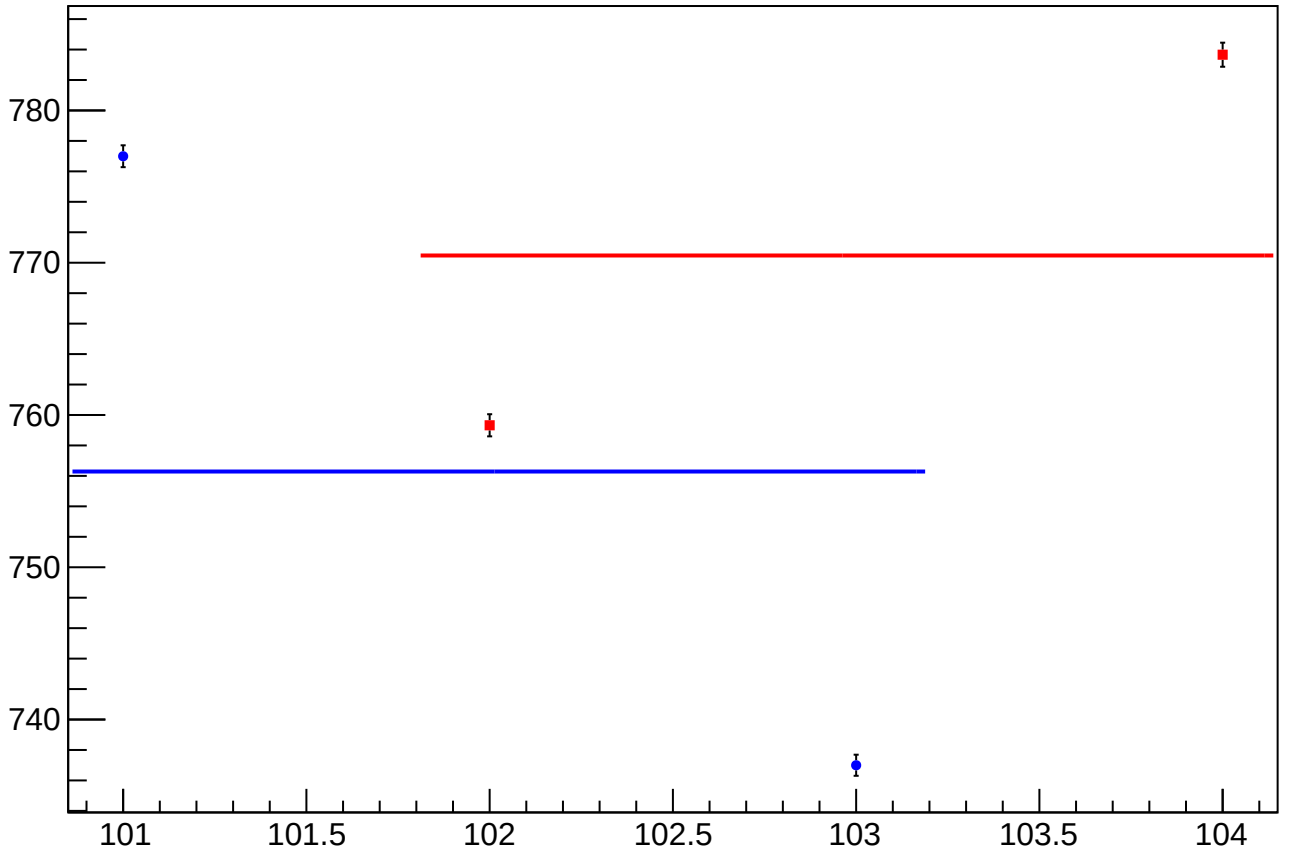
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 718.096+/-515.928 χ^2/NDF: 1.9/3

In: 654.937+/-705.167 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 718.096+/-515.928 χ^2/NDF: 1.9/3



Right In: 756.288+/-0.499 χ^2/NDF: 1606.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 770.475+/-0.535 χ^2/NDF: 513.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

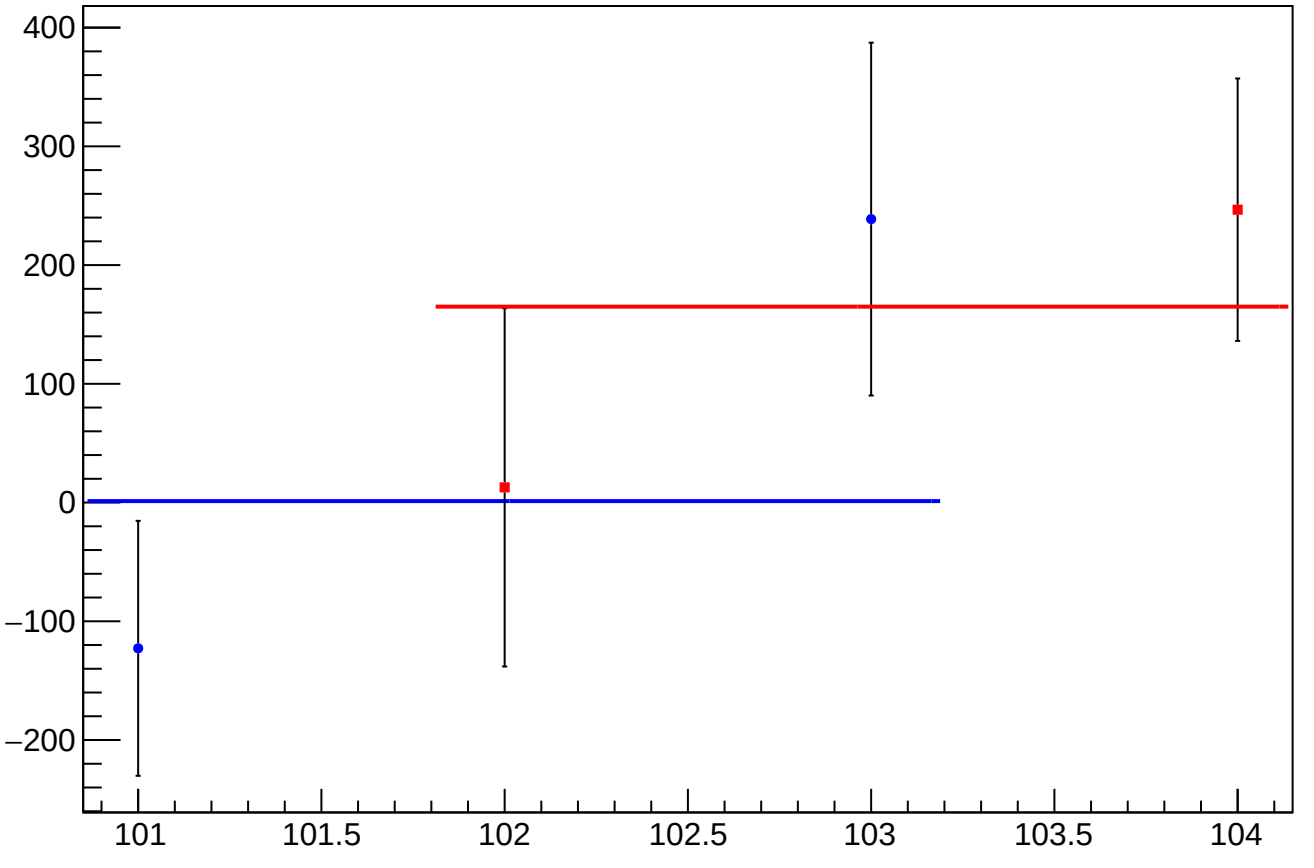
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 762.880+/-0.365 χ^2/NDF: 2496.1/3

In: 756.288+/-0.499 χ^2/NDF:1606.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 762.880+/-0.365 χ^2/NDF: 2496.1/3



Right In: 1.219+/-87.023 χ^2/NDF: 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 164.993+/-89.156 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

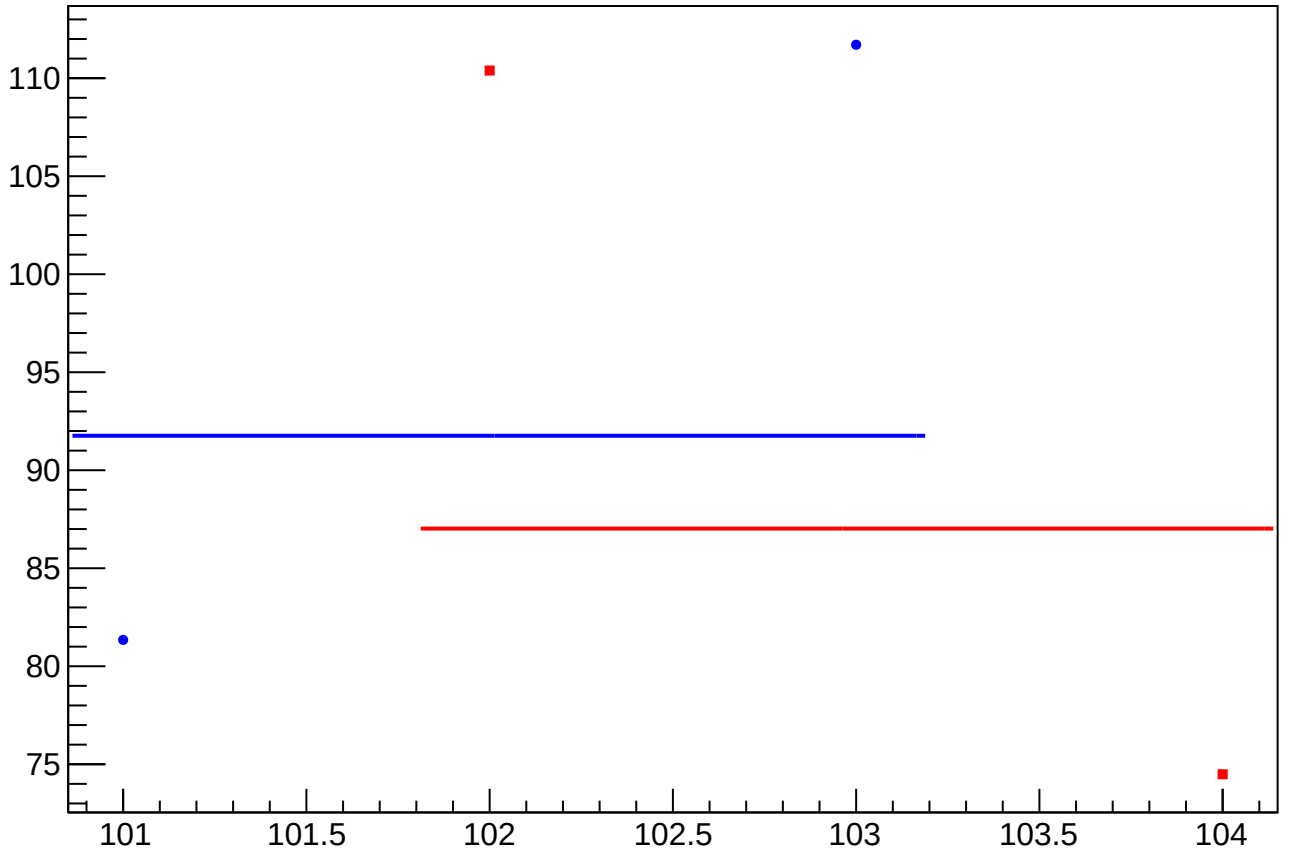
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 81.123+/-62.275 χ^2/NDF: 7.2/3

In: 1.219+/-87.023 χ^2/NDF:3.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 81.123+/-62.275 χ^2/NDF: 7.2/3



Right In: 91.759+/-0.062 χ^2/NDF: 54867.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 87.024+/-0.063 χ^2/NDF: 73693.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

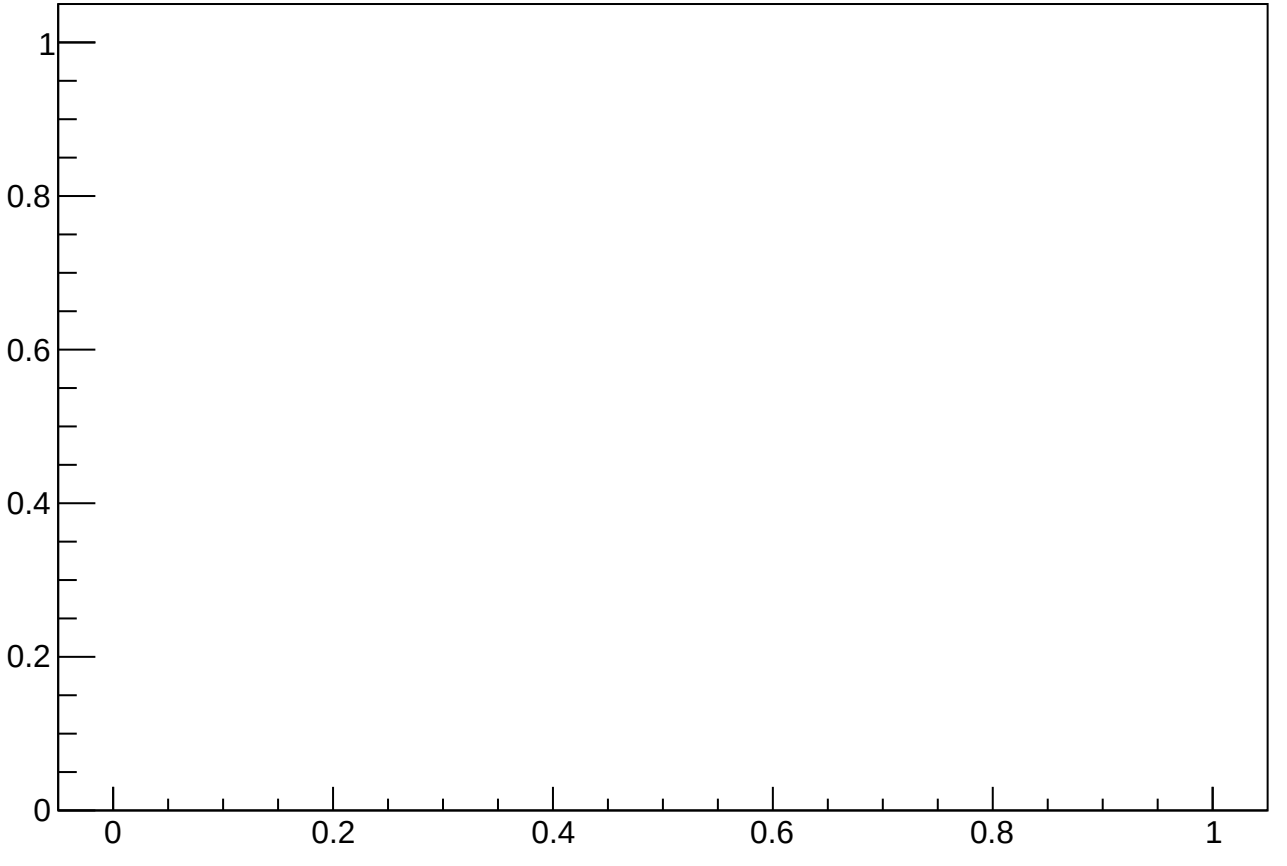
Right: 89.449+/-0.044 χ^2/NDF: 131450.6/3

In: 91.759+/-0.062 χ^2/NDF:54867.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 89.449+/-0.044 χ^2/NDF: 131450.6/3

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

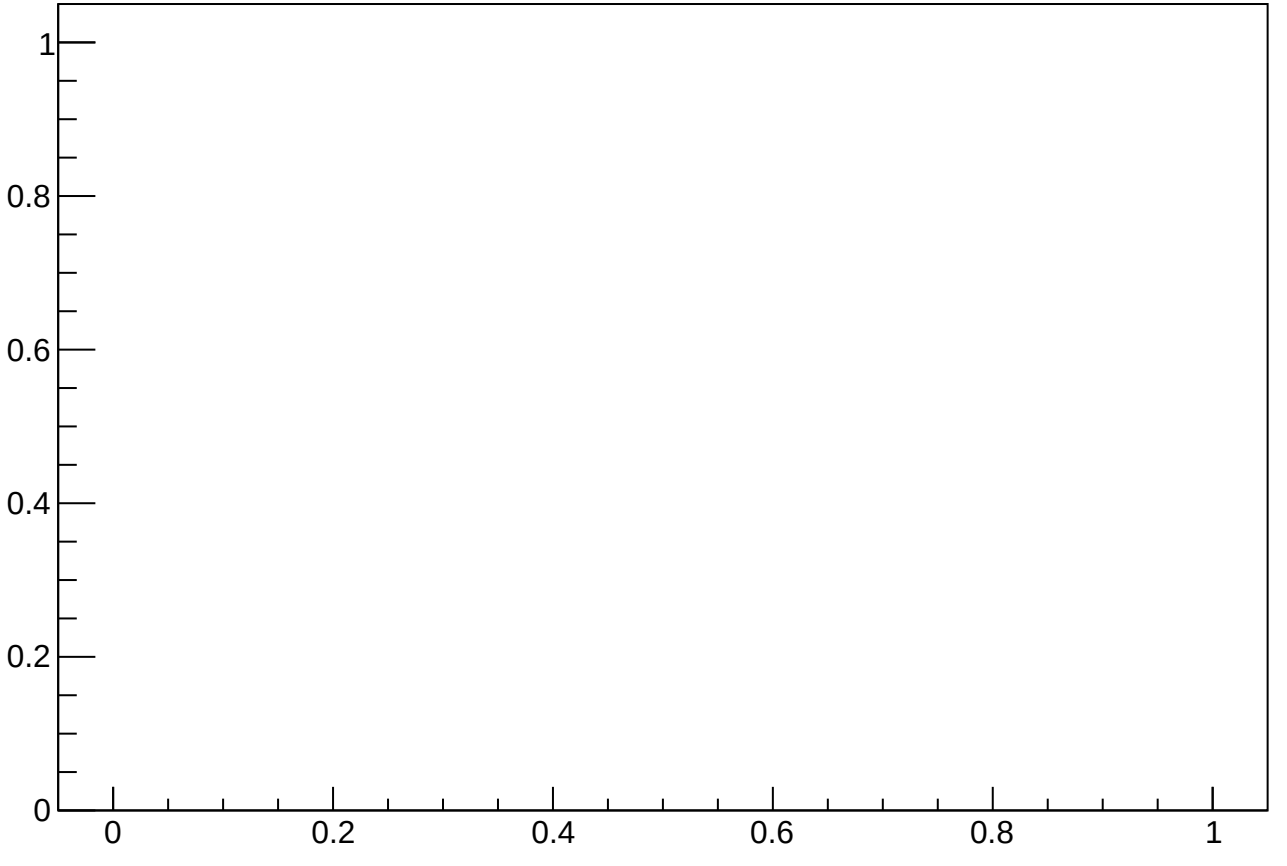
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

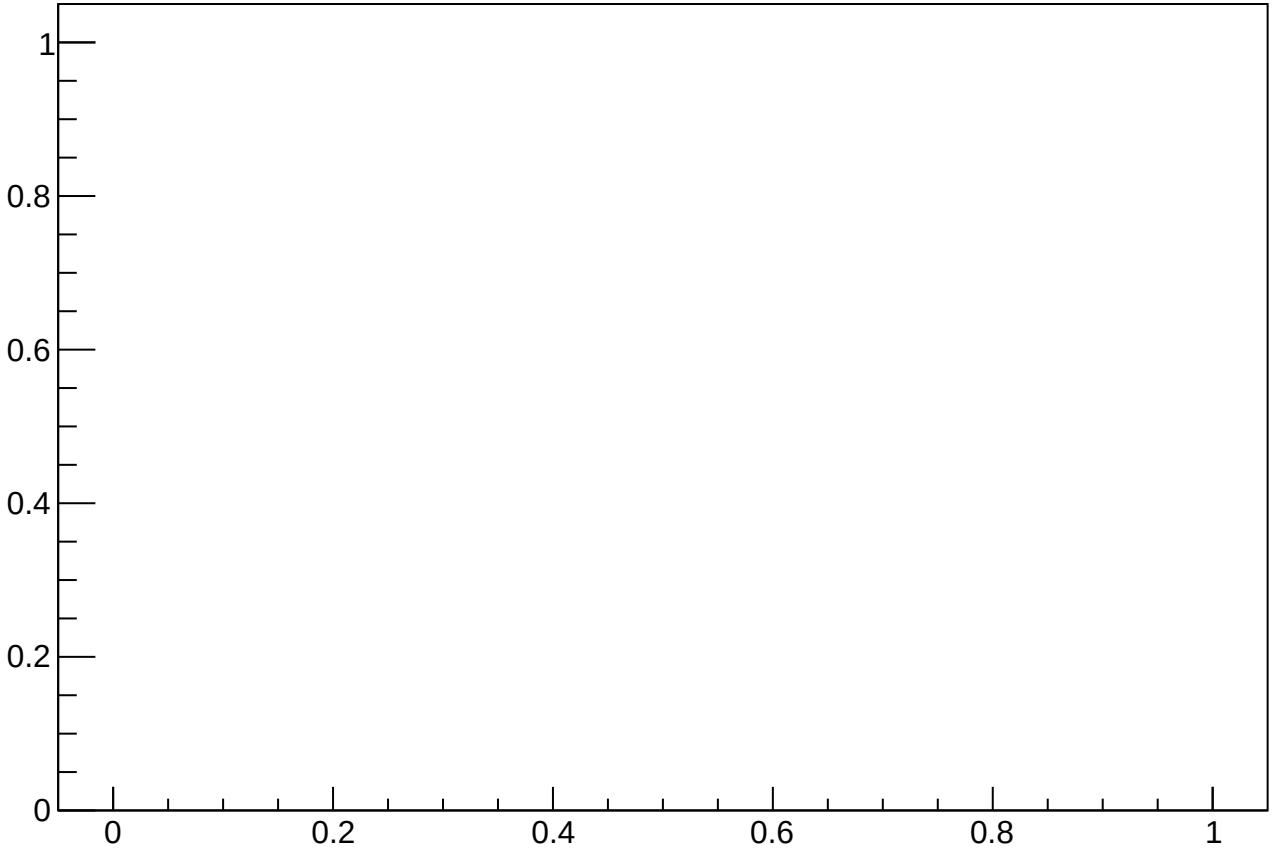
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

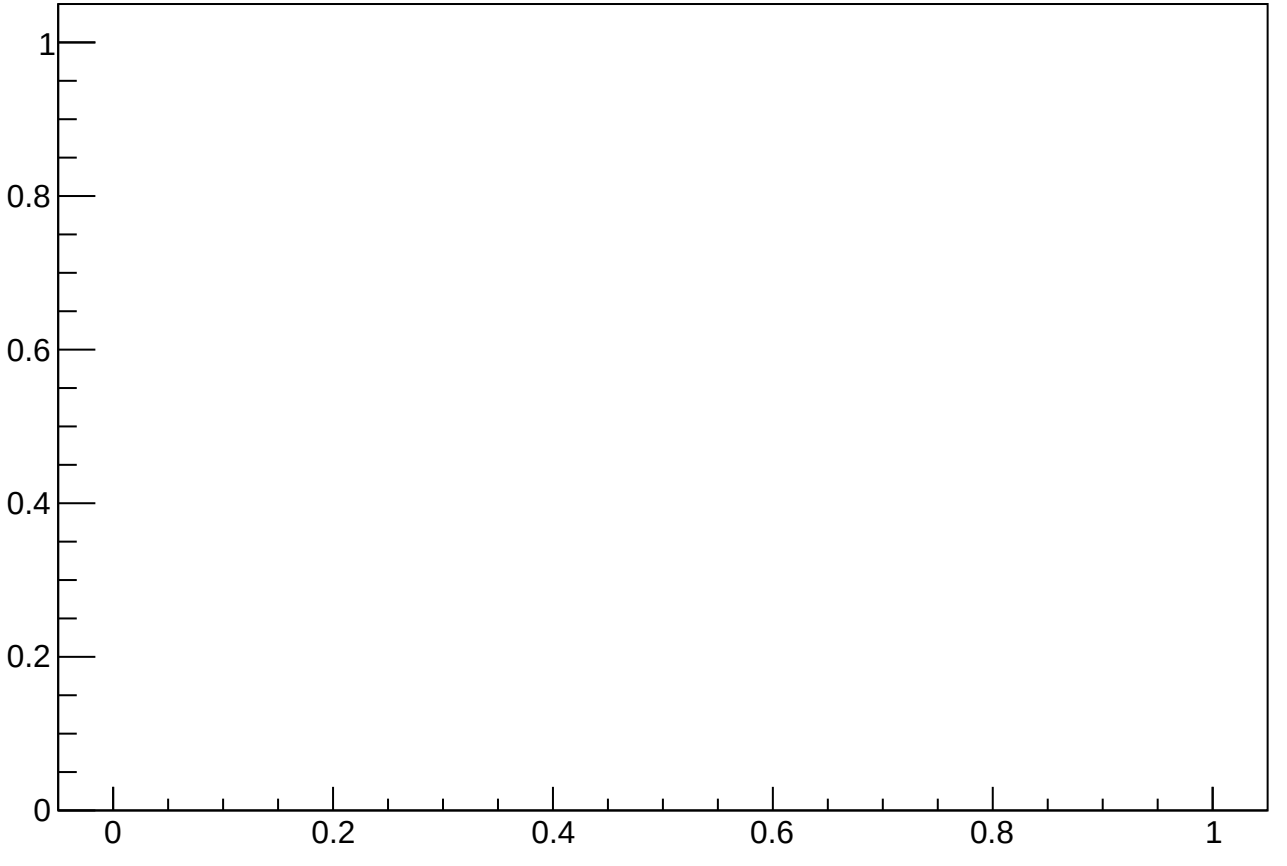
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

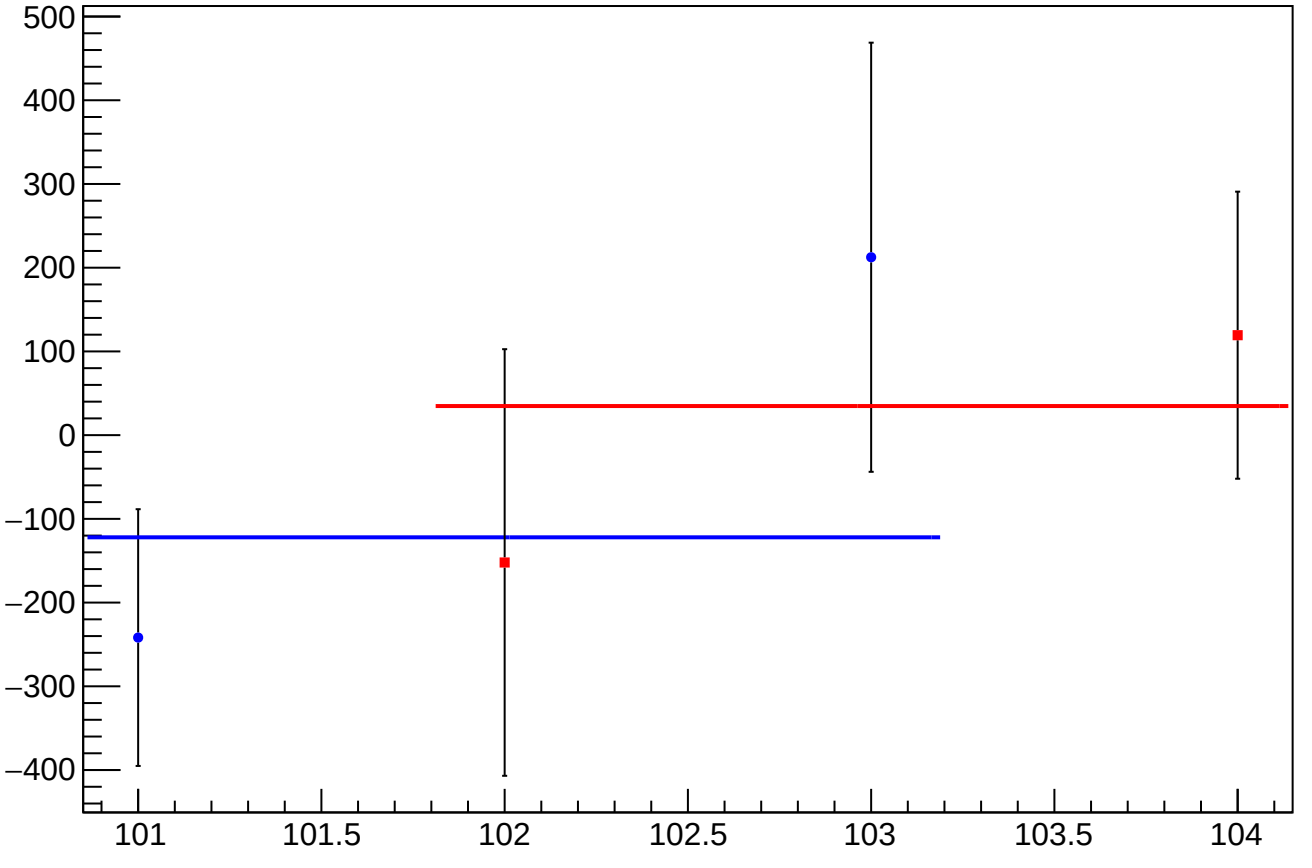
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -122.044+/-131.585 χ^2/NDF: 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.755+/-142.243 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

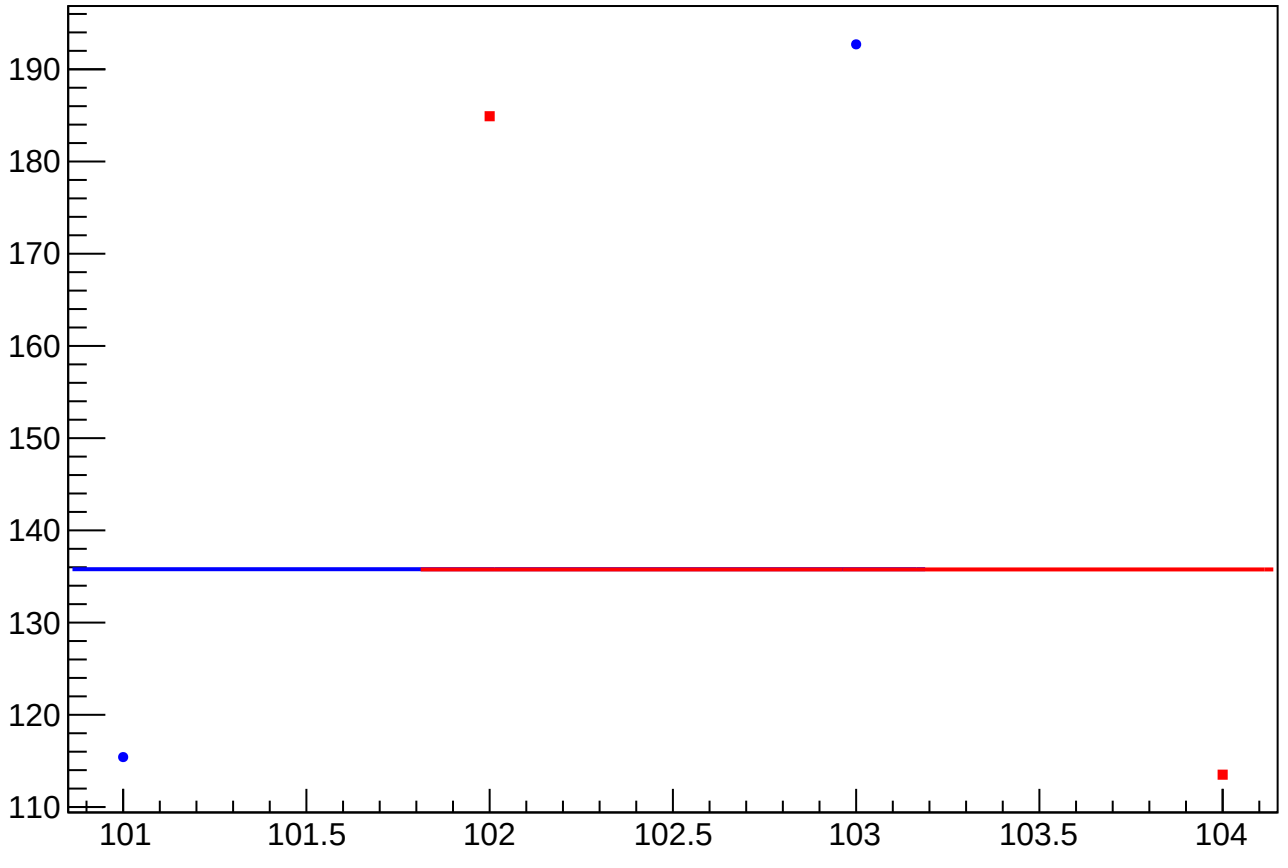
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -49.738+/-96.593 χ^2/NDF: 3.8/3

In: -122.044+/-131.585 χ^2/NDF:2.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -49.738+/-96.593 χ^2/NDF: 3.8/3



Right In: 135.790+/-0.093 χ^2/NDF: 133943.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 135.763+/-0.101 χ^2/NDF: 108116.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

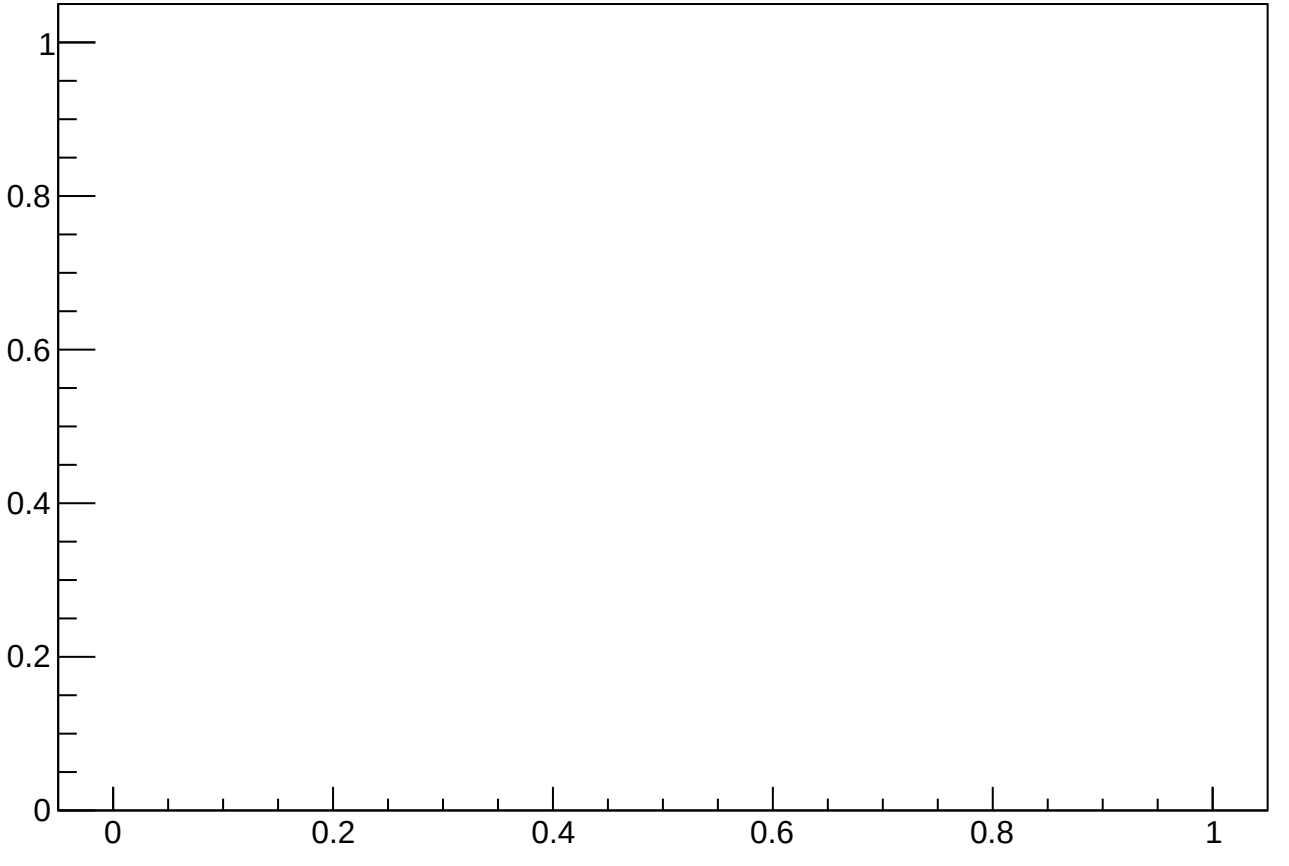
Right: 135.777+/-0.068 χ^2/NDF: 242060.1/3

In: 135.790+/-0.093 χ^2/NDF:133943.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 135.777+/-0.068 χ^2/NDF: 242060.1/3

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

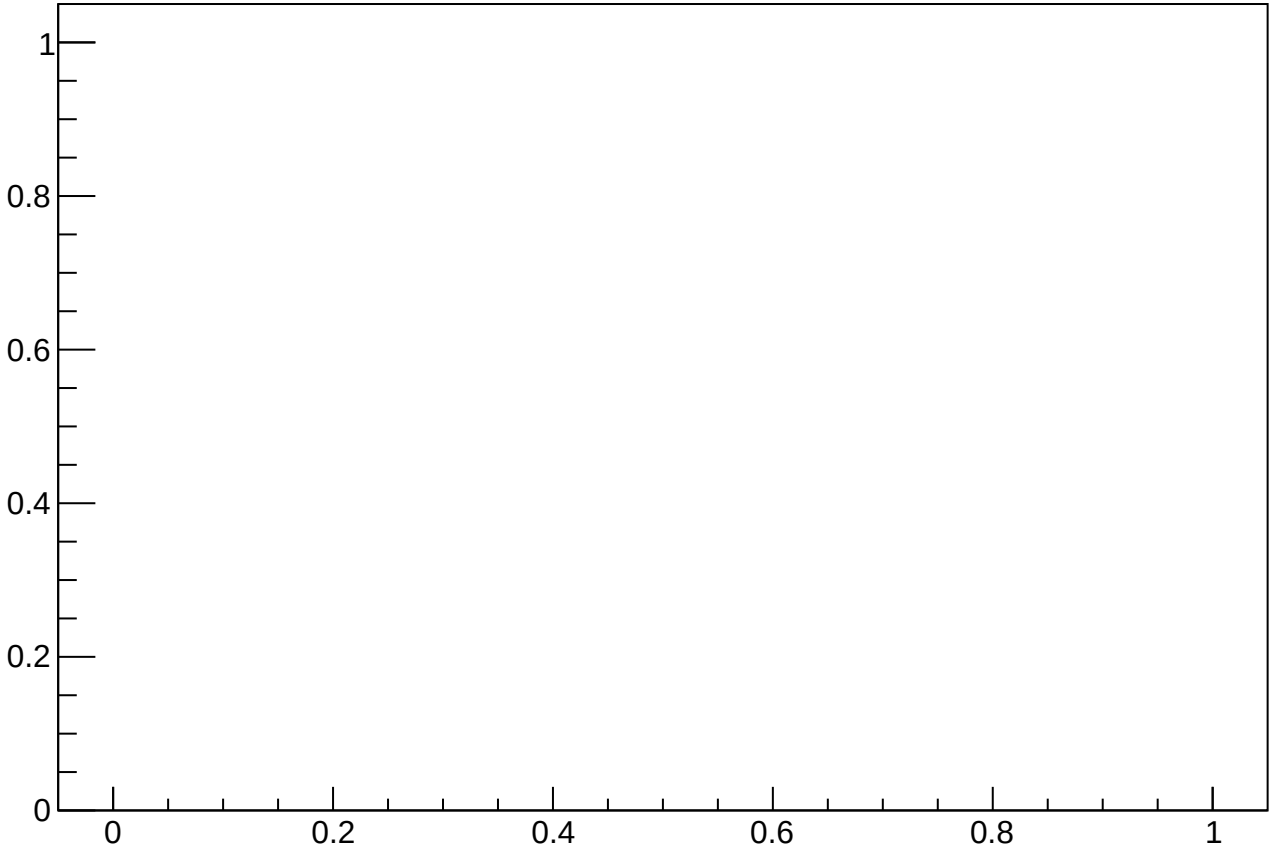
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

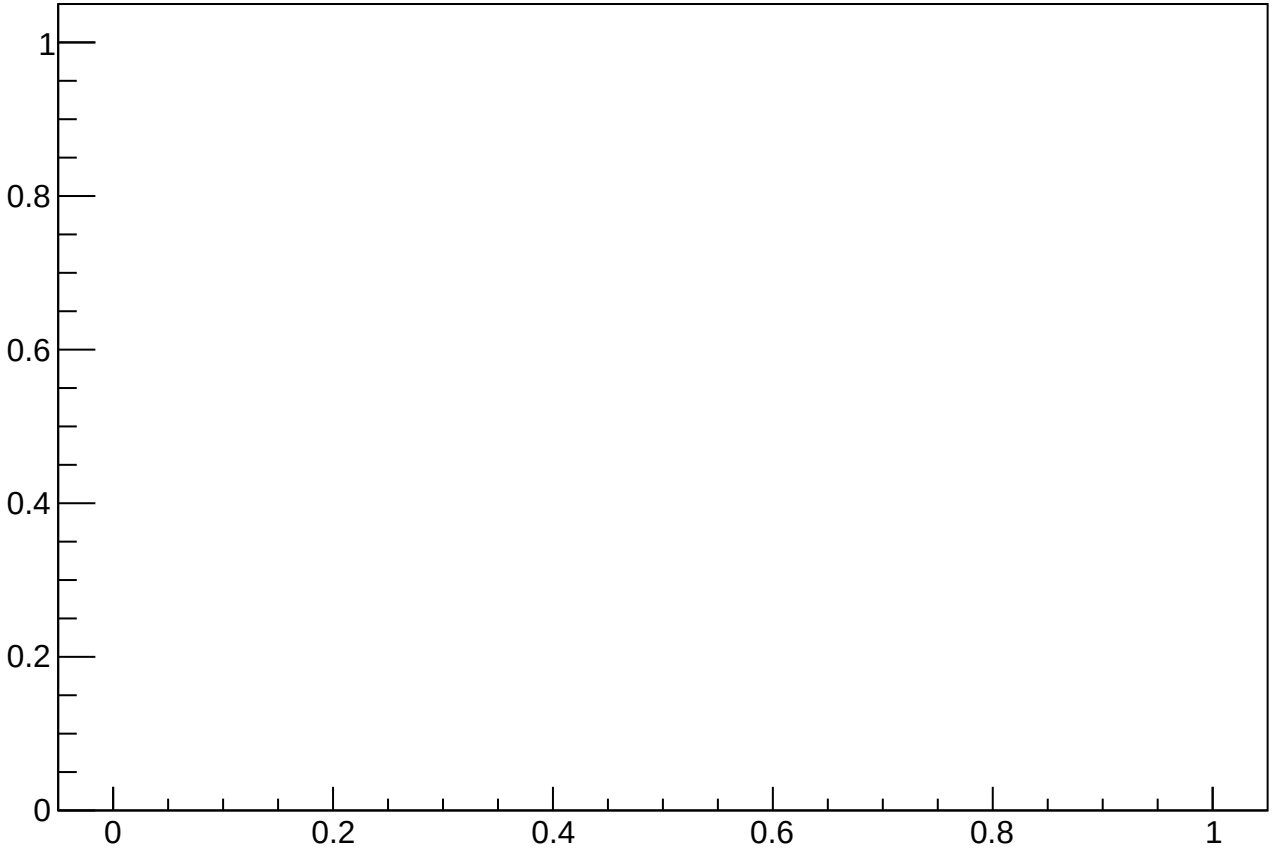
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

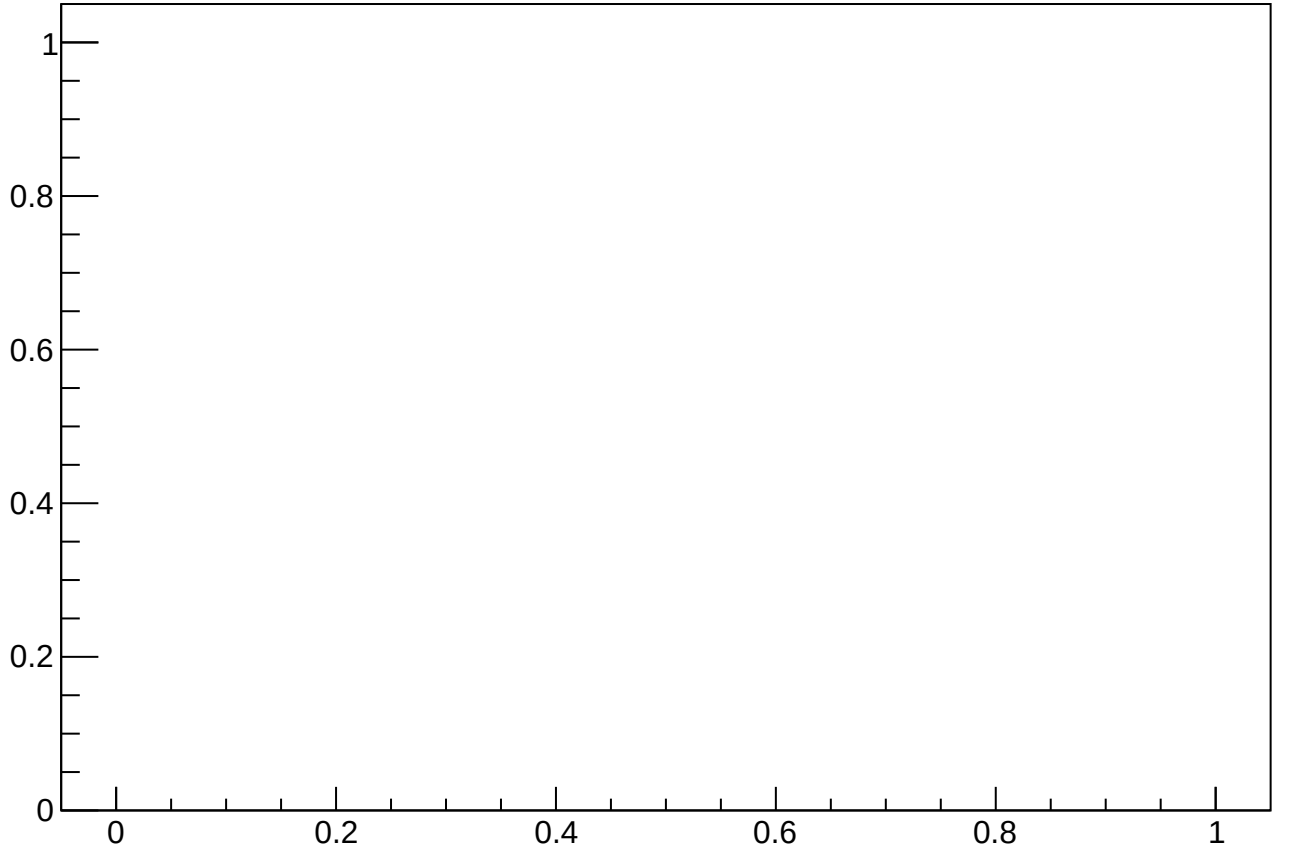
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

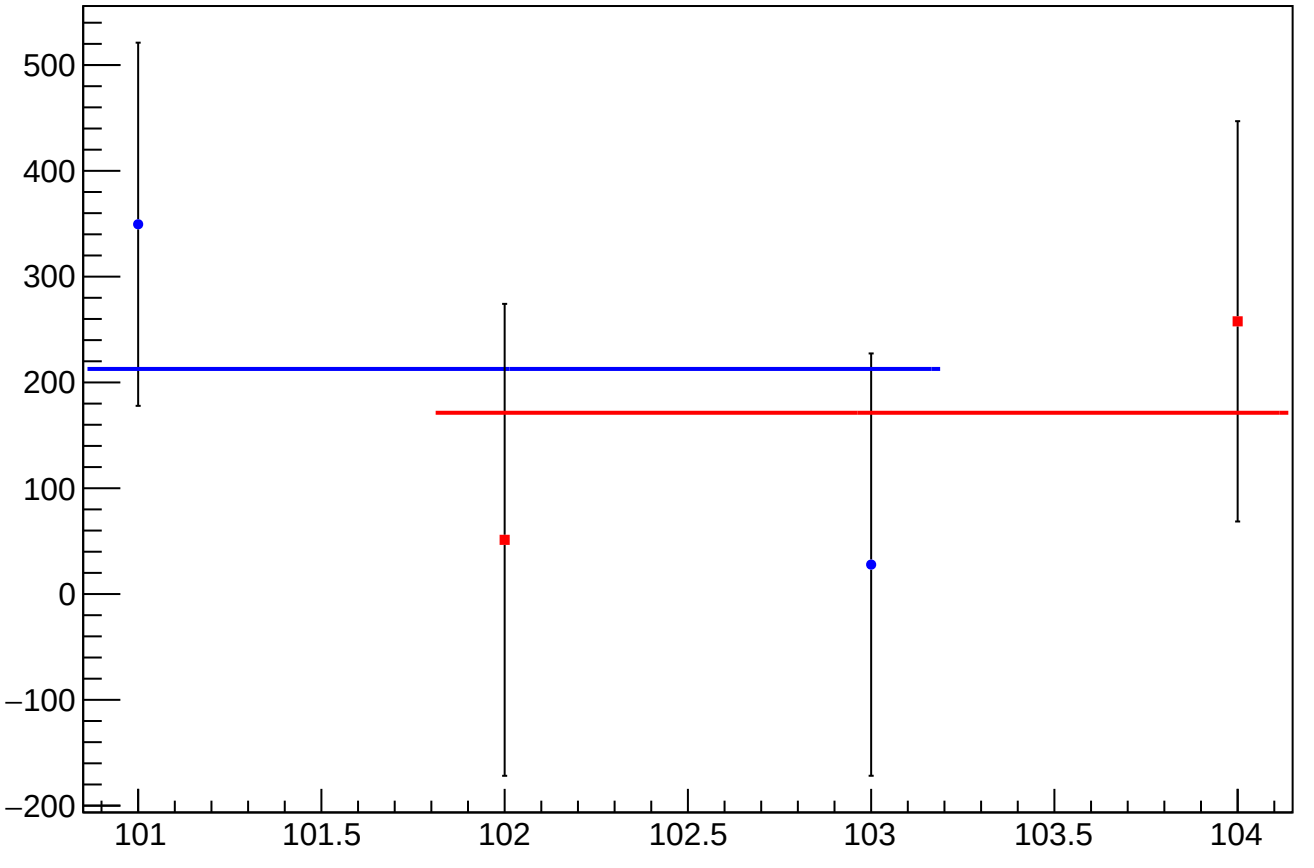
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 212.758+/-130.132 χ^2/NDF: 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 171.338+/-144.272 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

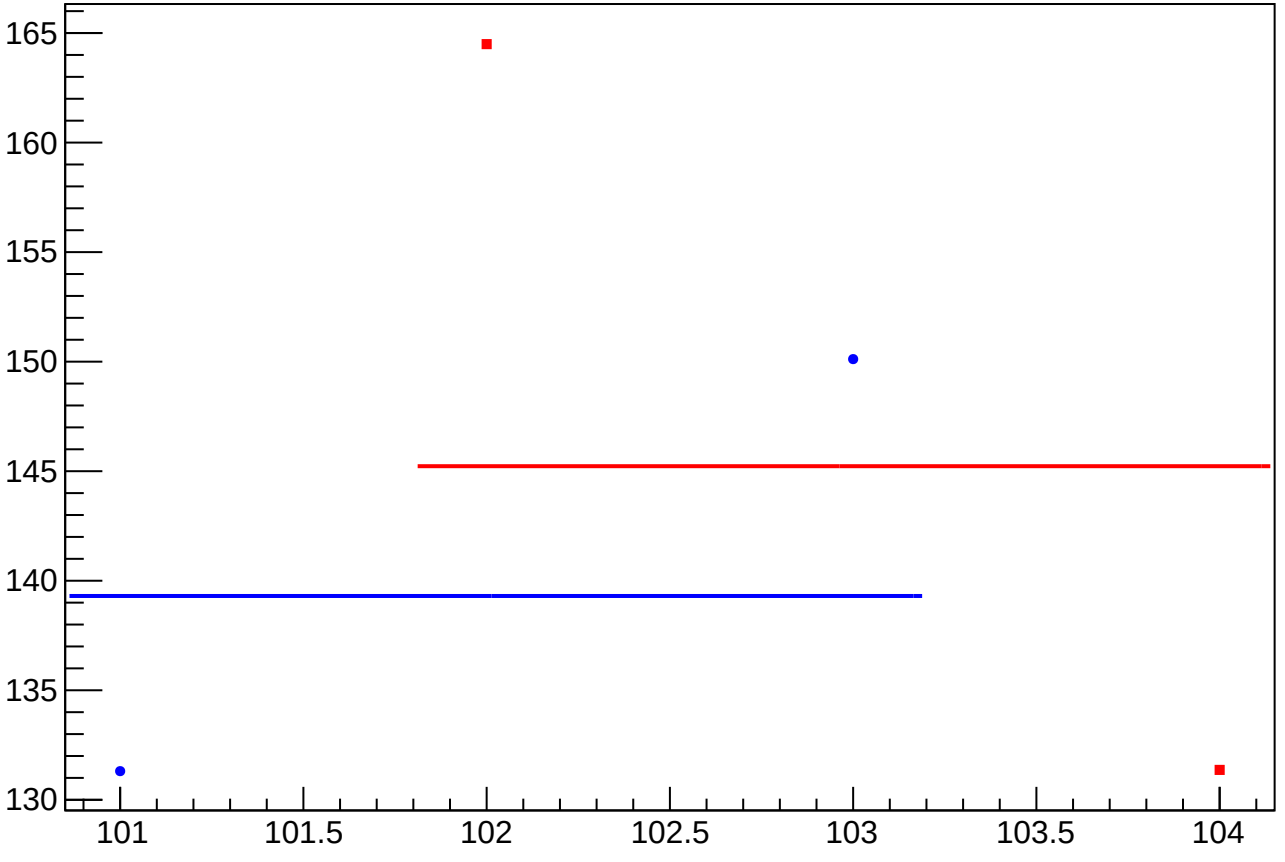
Right: 194.177+/-96.631 χ^2/NDF: 2.0/3

In: 212.758+/-130.132 χ^2/NDF:1.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 194.177+/-96.631 χ^2/NDF: 2.0/3

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 139.304+/-0.092 χ^2/NDF: 10209.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 145.228+/-0.102 χ^2/NDF: 25663.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

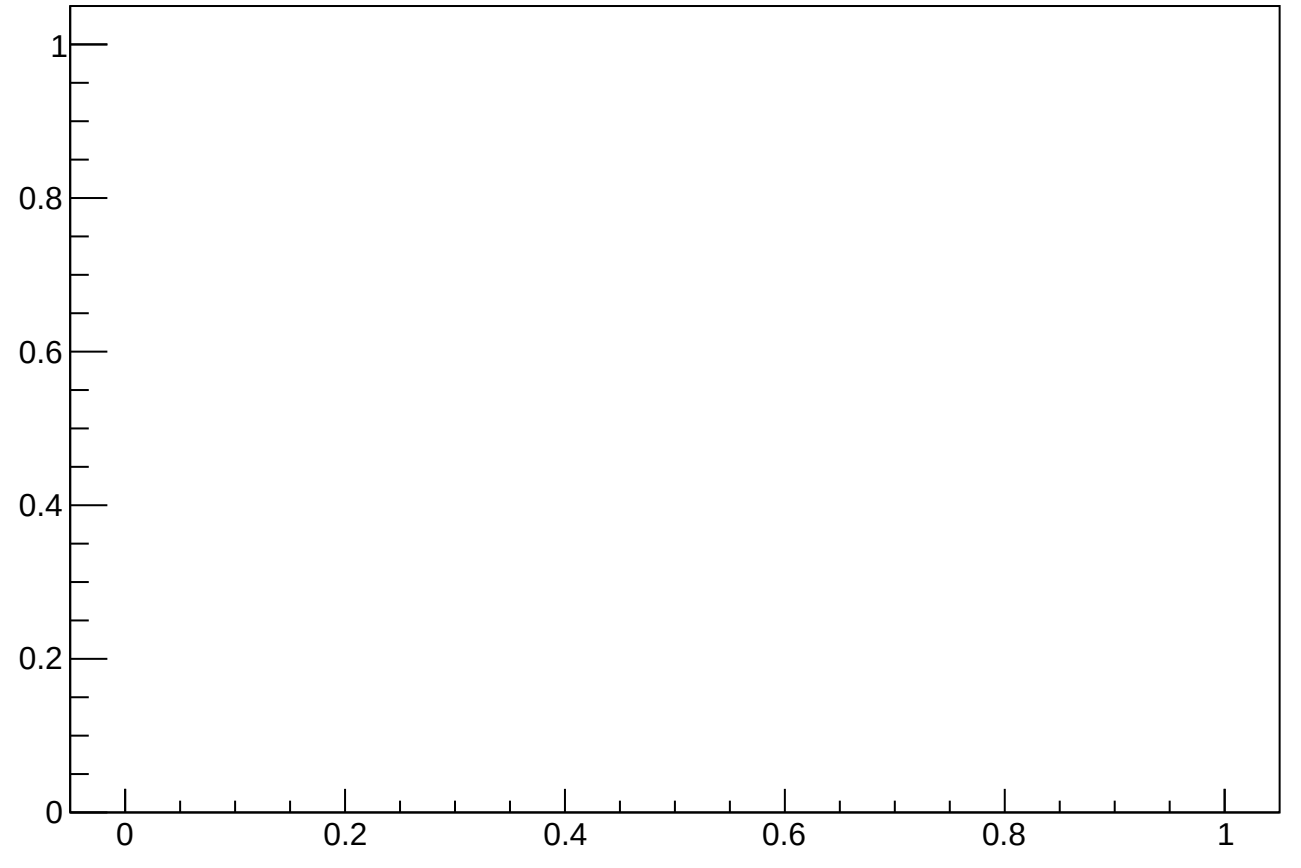
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 141.962+/-0.068 χ^2/NDF: 37732.6/3

In: 139.304+/-0.092 χ^2/NDF:10209.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 141.962+/-0.068 χ^2/NDF: 37732.6/3



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

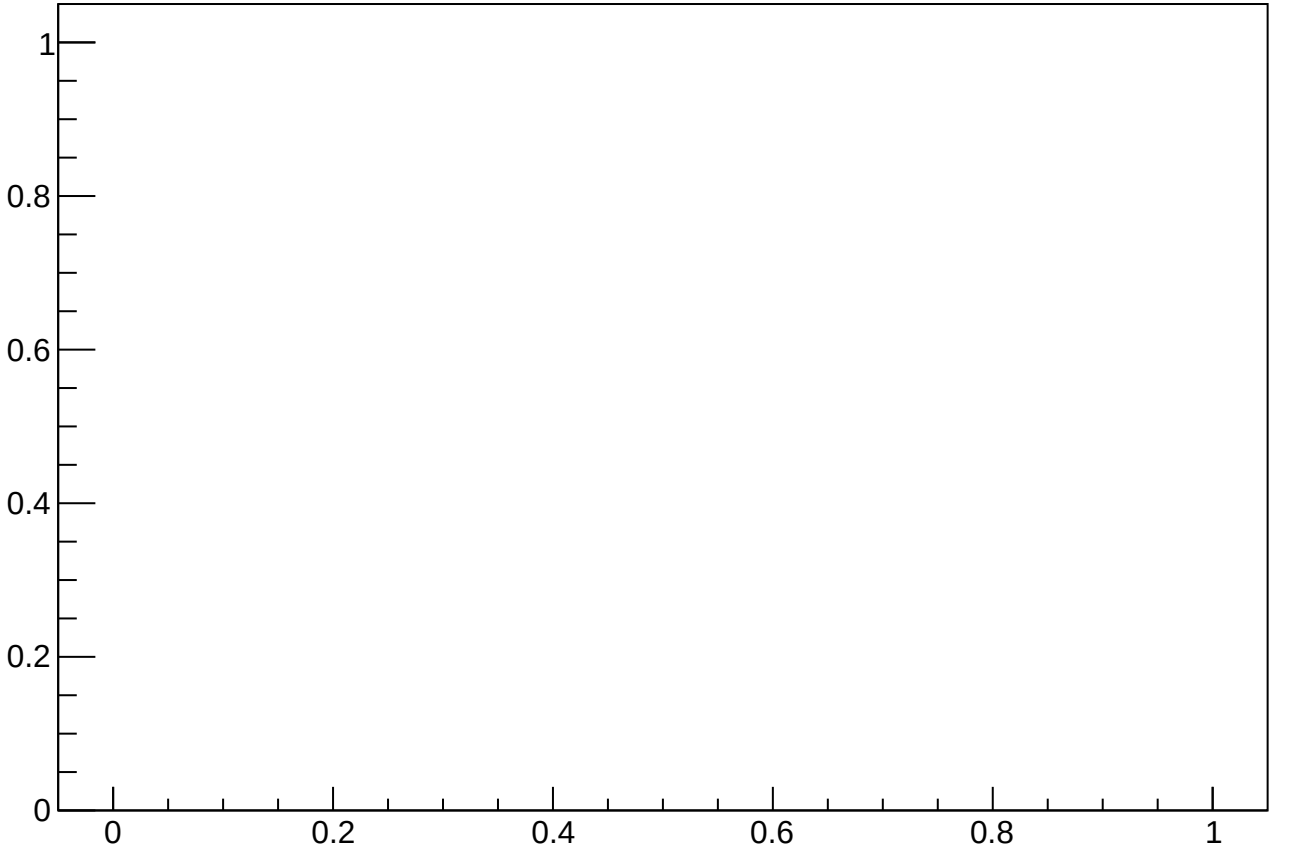
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

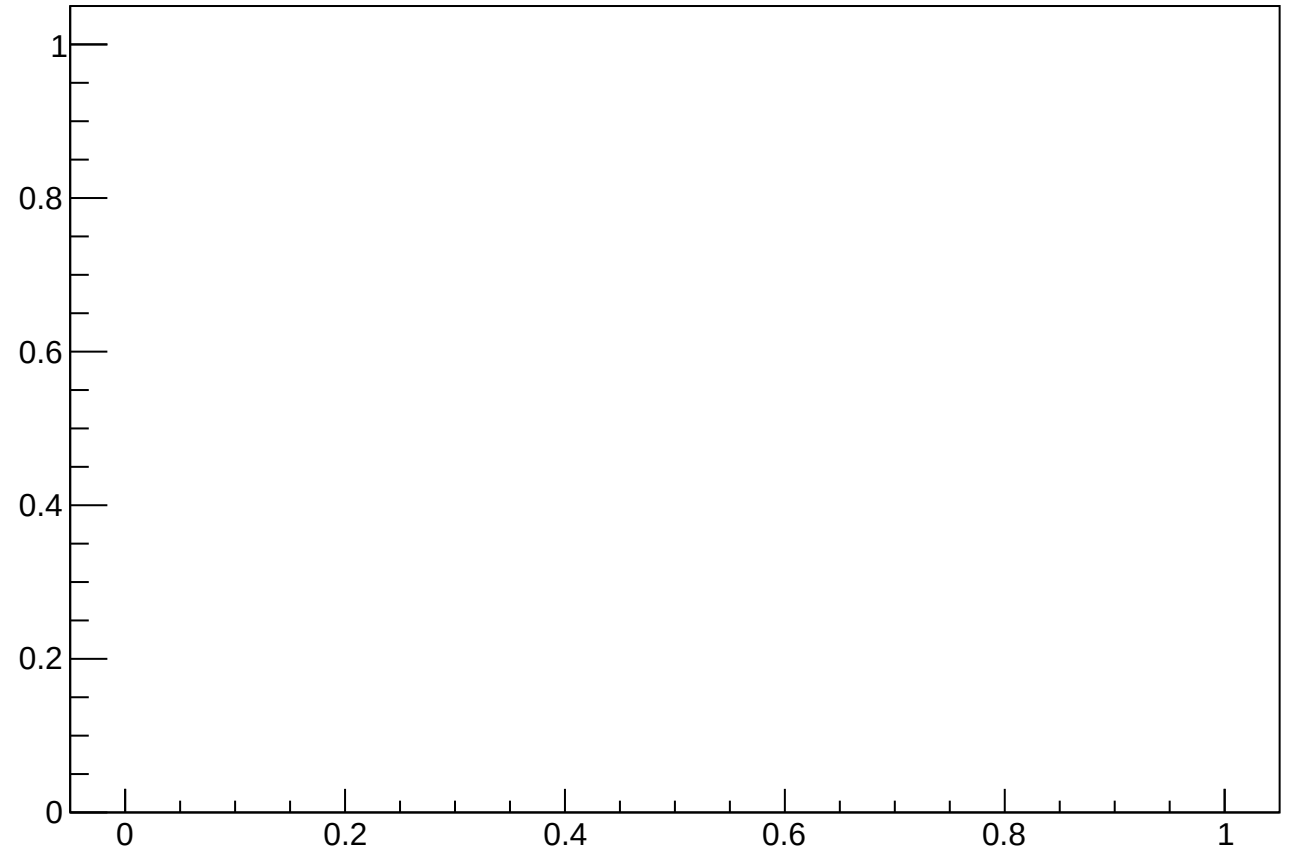
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

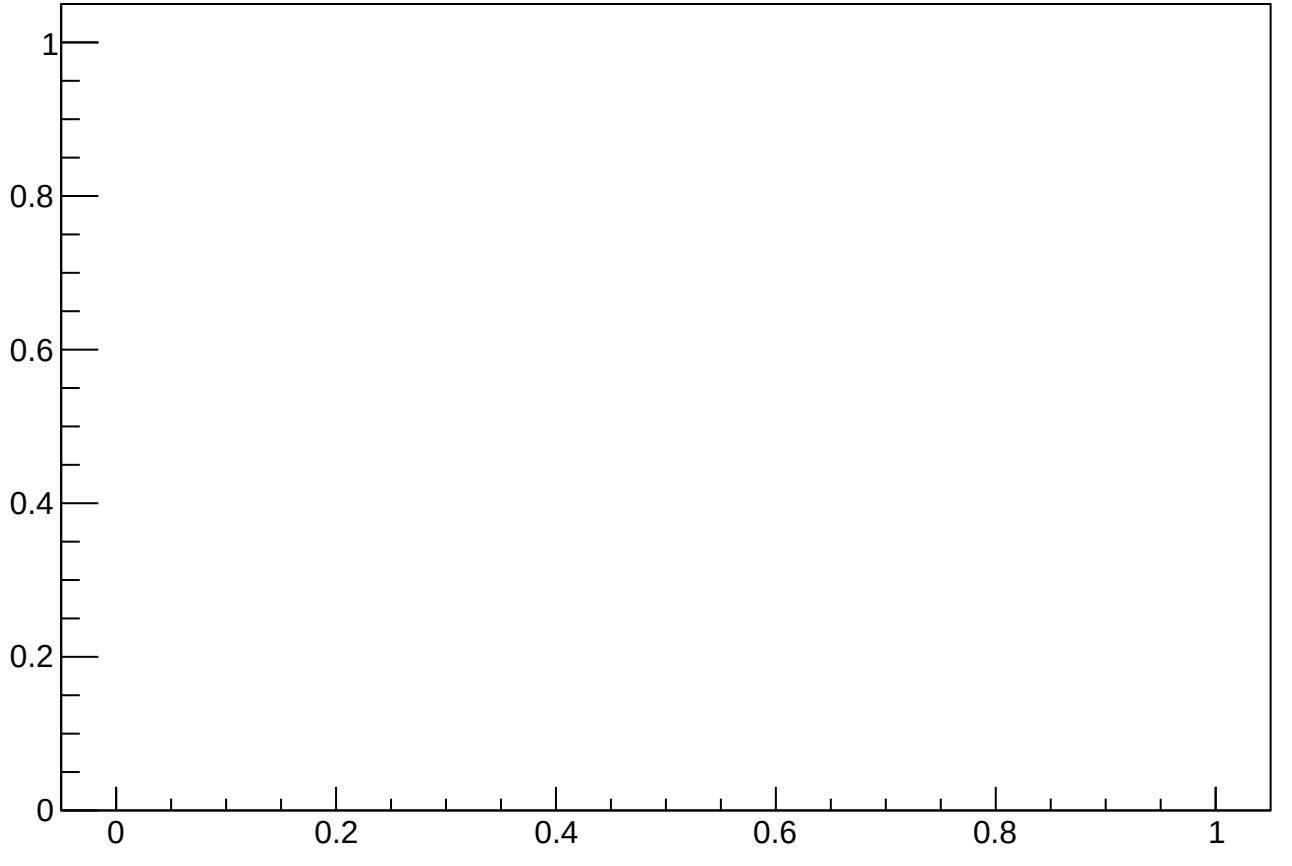
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

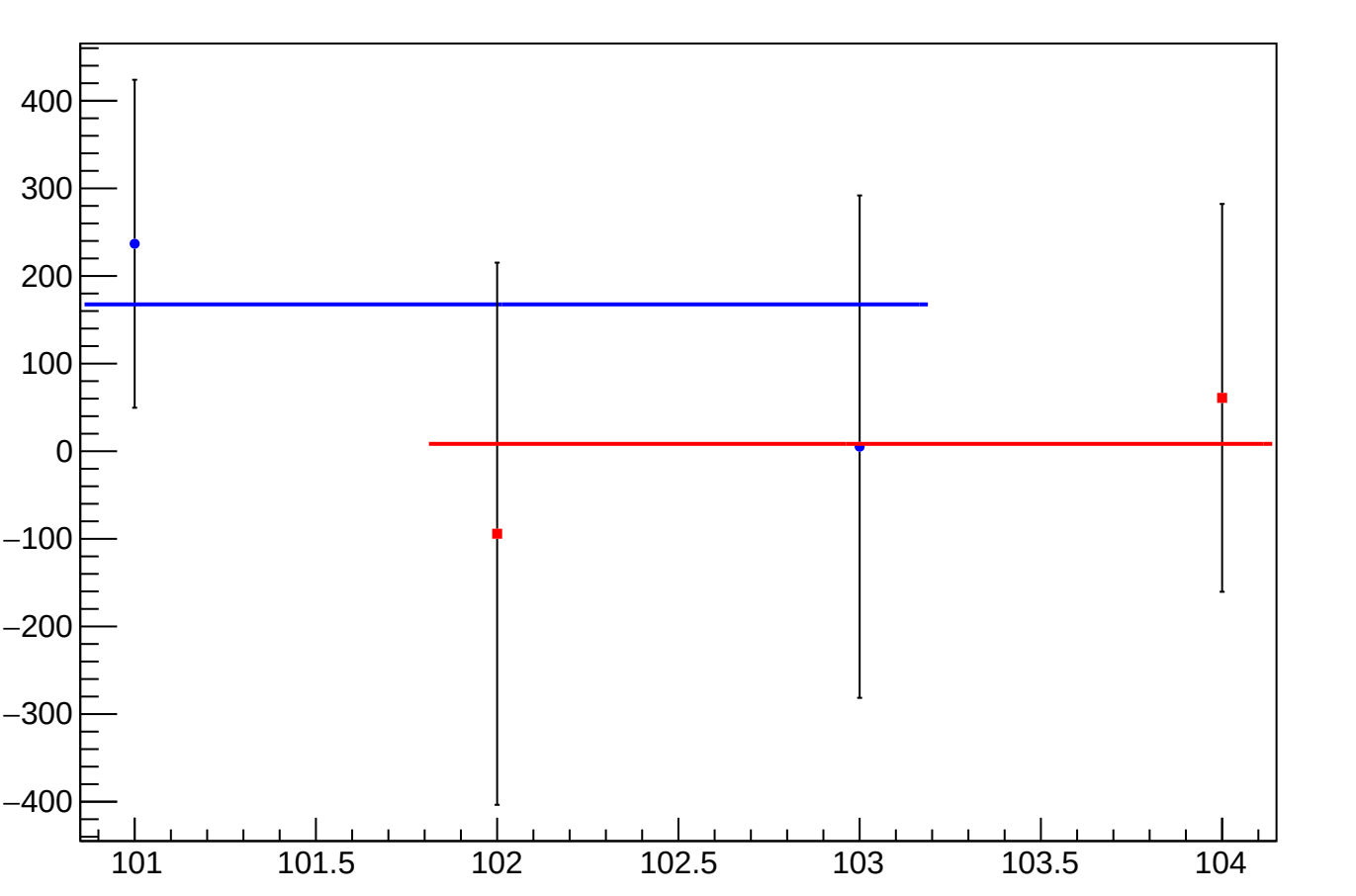
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 167.592+/-156.716 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.416+/-180.013 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

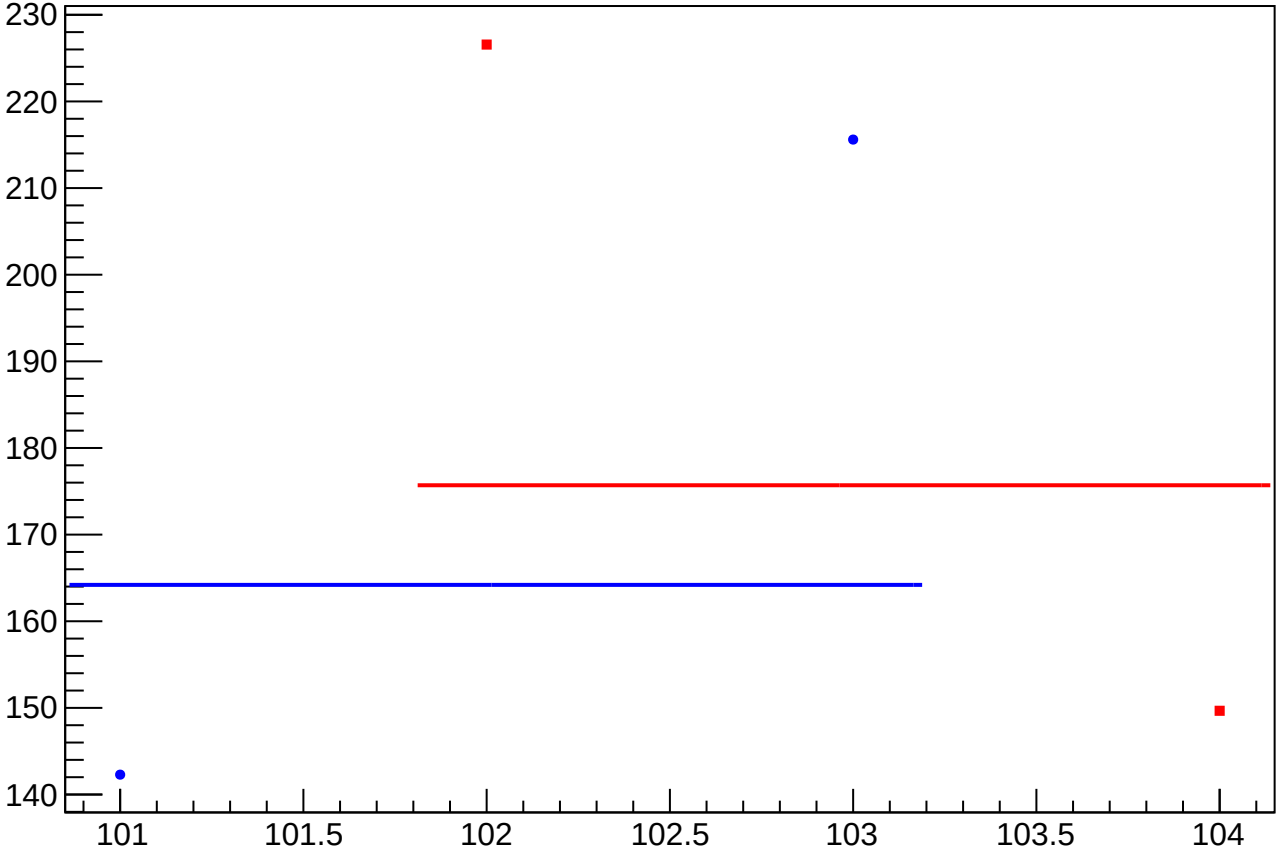
Right: 98.965+/-118.199 χ^2/NDF: 1.1/3

In: 167.592+/-156.716 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 98.965+/-118.199 χ^2/NDF: 1.1/3

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 164.198+/-0.111 χ^2/NDF: 91684.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 175.697+/-0.127 χ^2/NDF: 81724.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

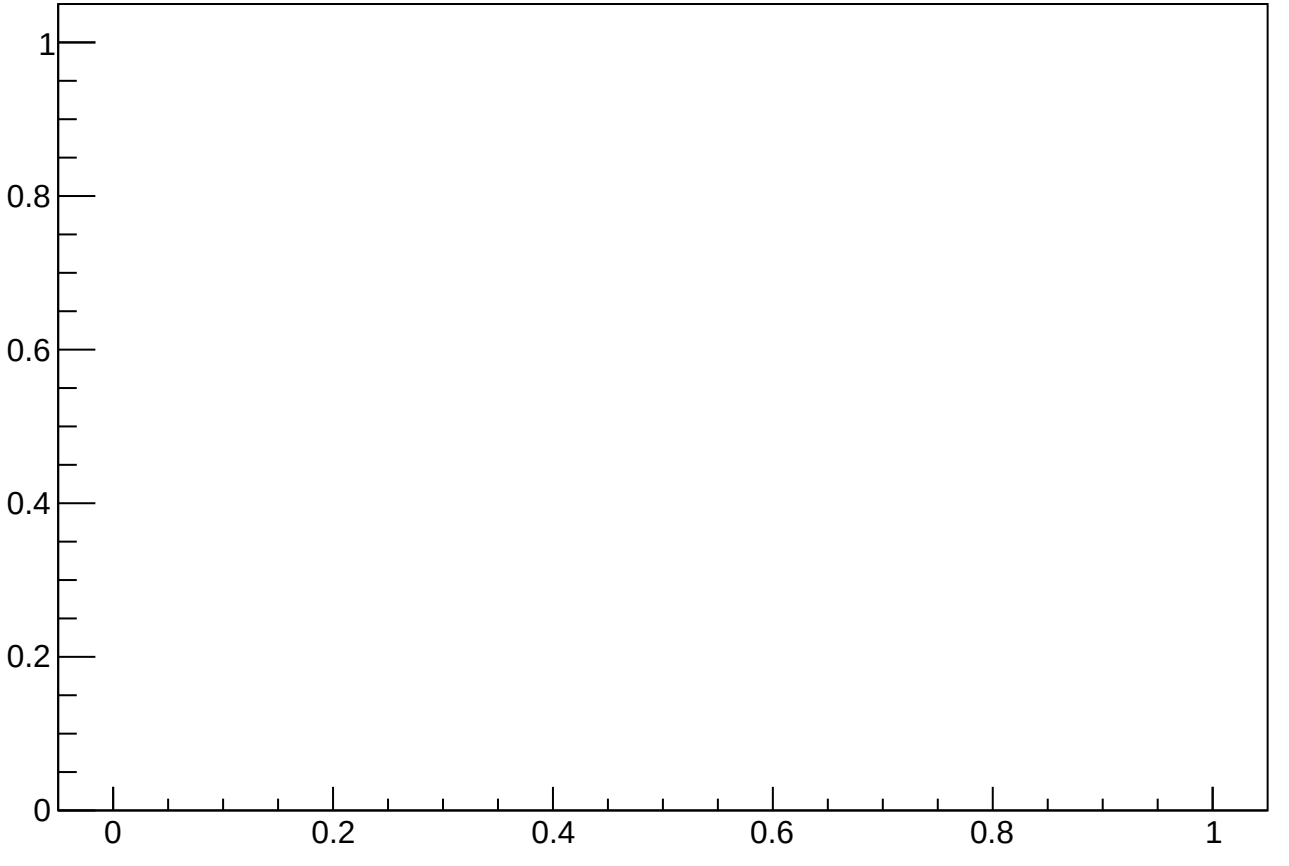
Right: 169.156+/-0.084 χ^2/NDF: 178051.2/3

In: 164.198+/-0.111 χ^2/NDF:91684.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 169.156+/-0.084 χ^2/NDF: 178051.2/3

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

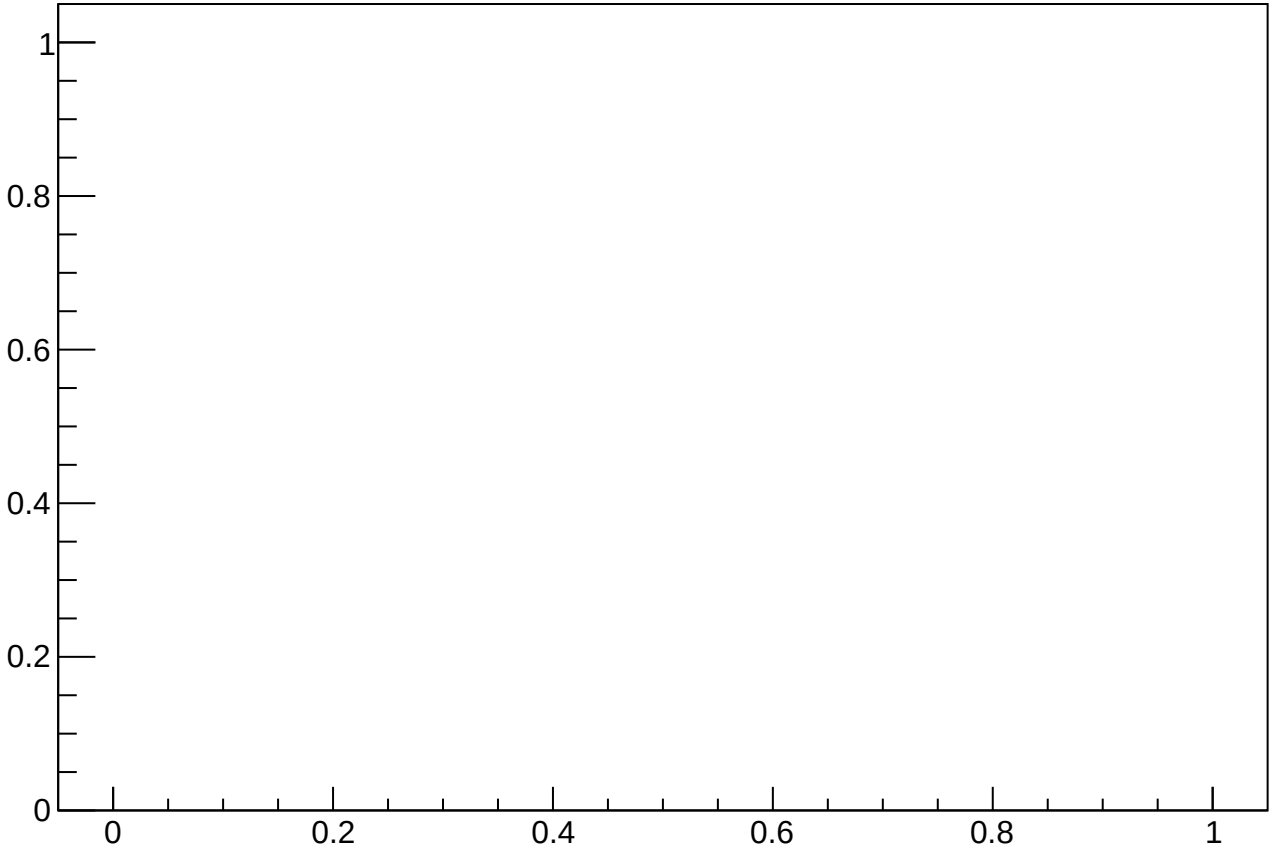
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

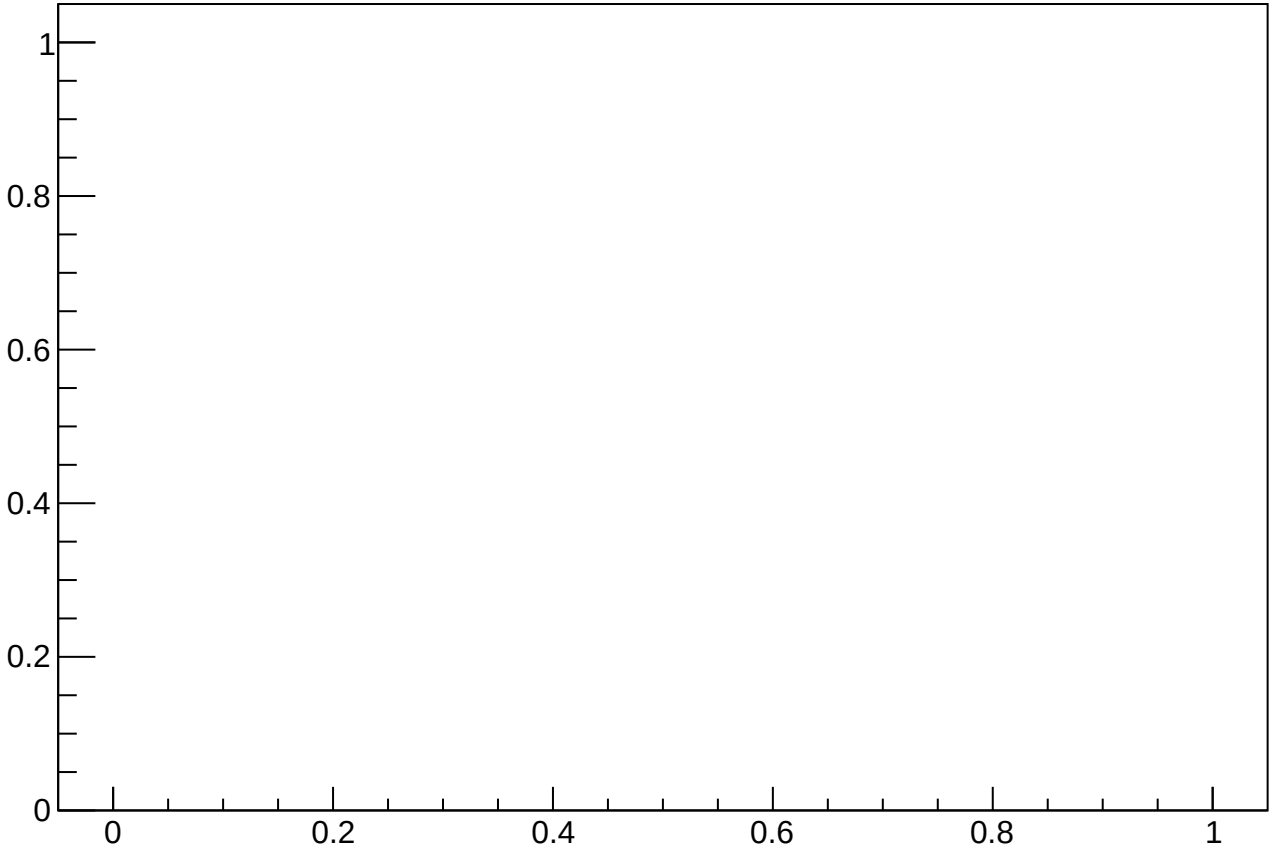
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

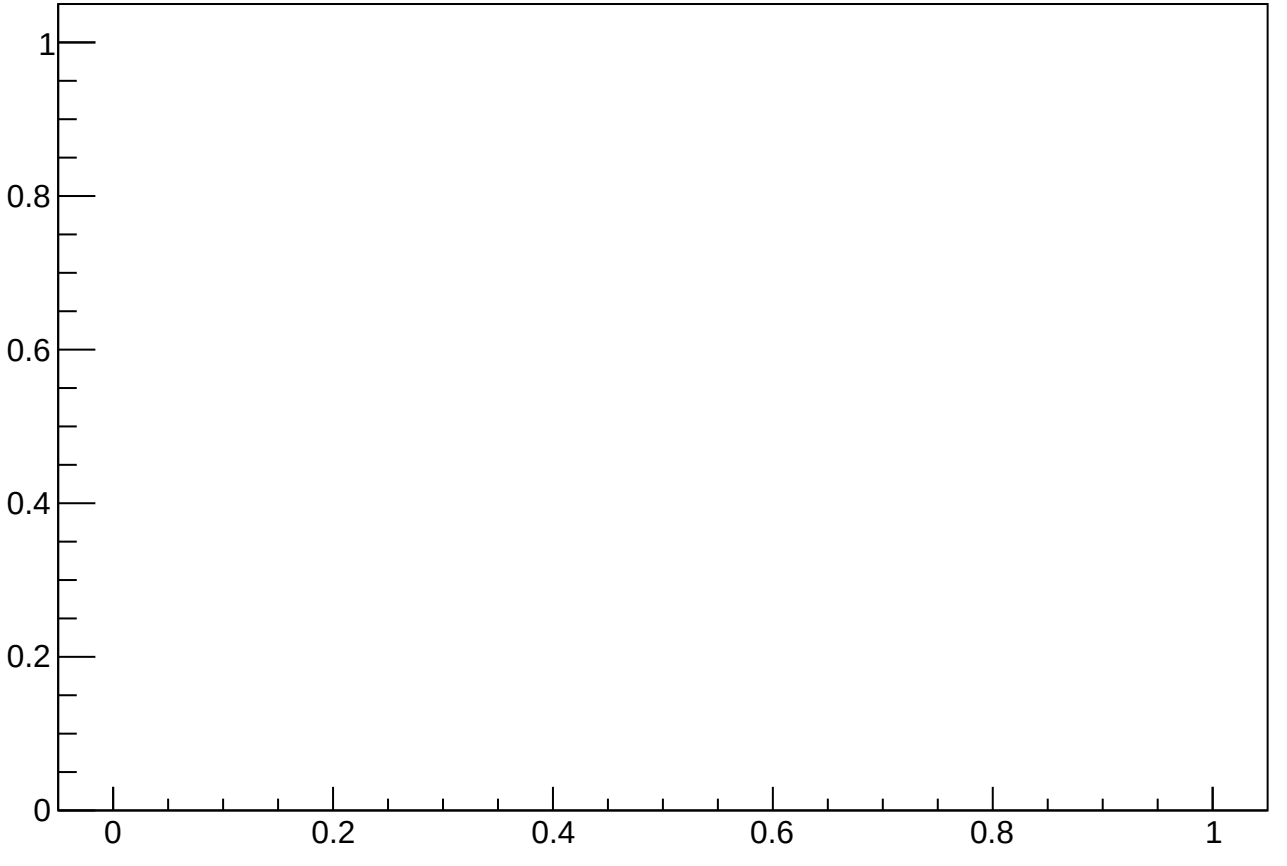
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

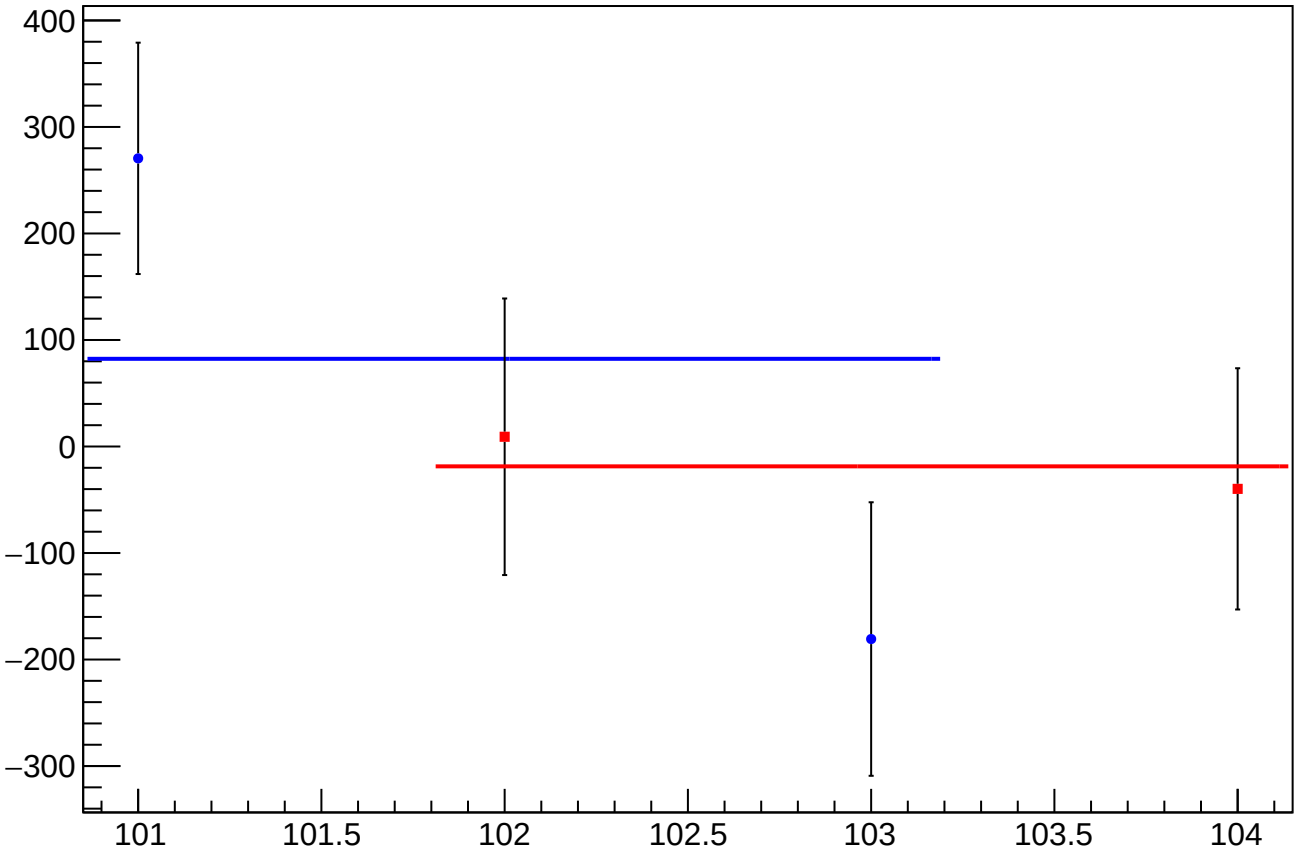
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 82.321+/-82.920 χ^2/NDF: 7.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18.637+/-85.340 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

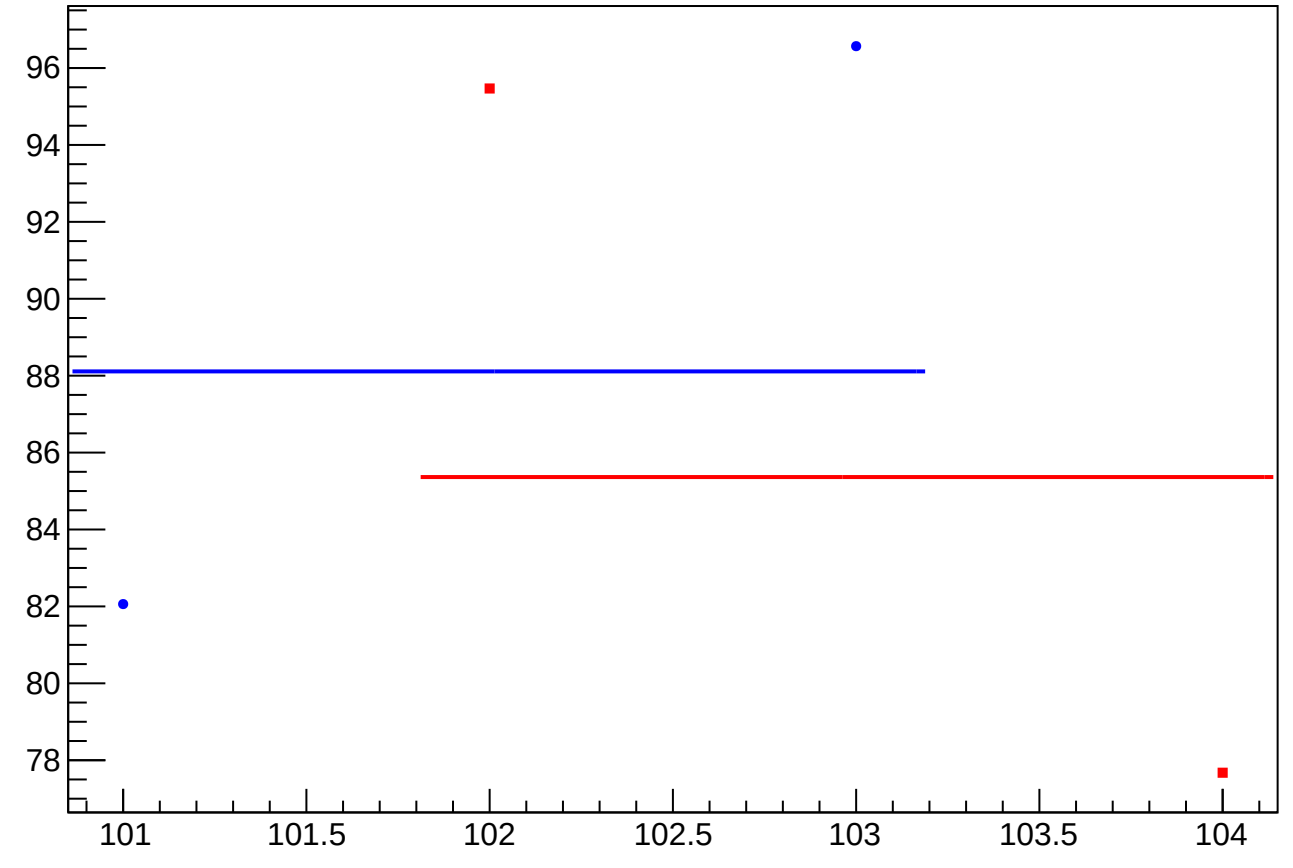
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 33.294+/-59.471 χ^2/NDF: 8.0/3

In: 82.321+/-82.920 χ^2/NDF:7.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 33.294+/-59.471 χ^2/NDF: 8.0/3



Right In: 88.111+/-0.059 χ^2/NDF: 14884.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 85.364+/-0.060 χ^2/NDF: 21333.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

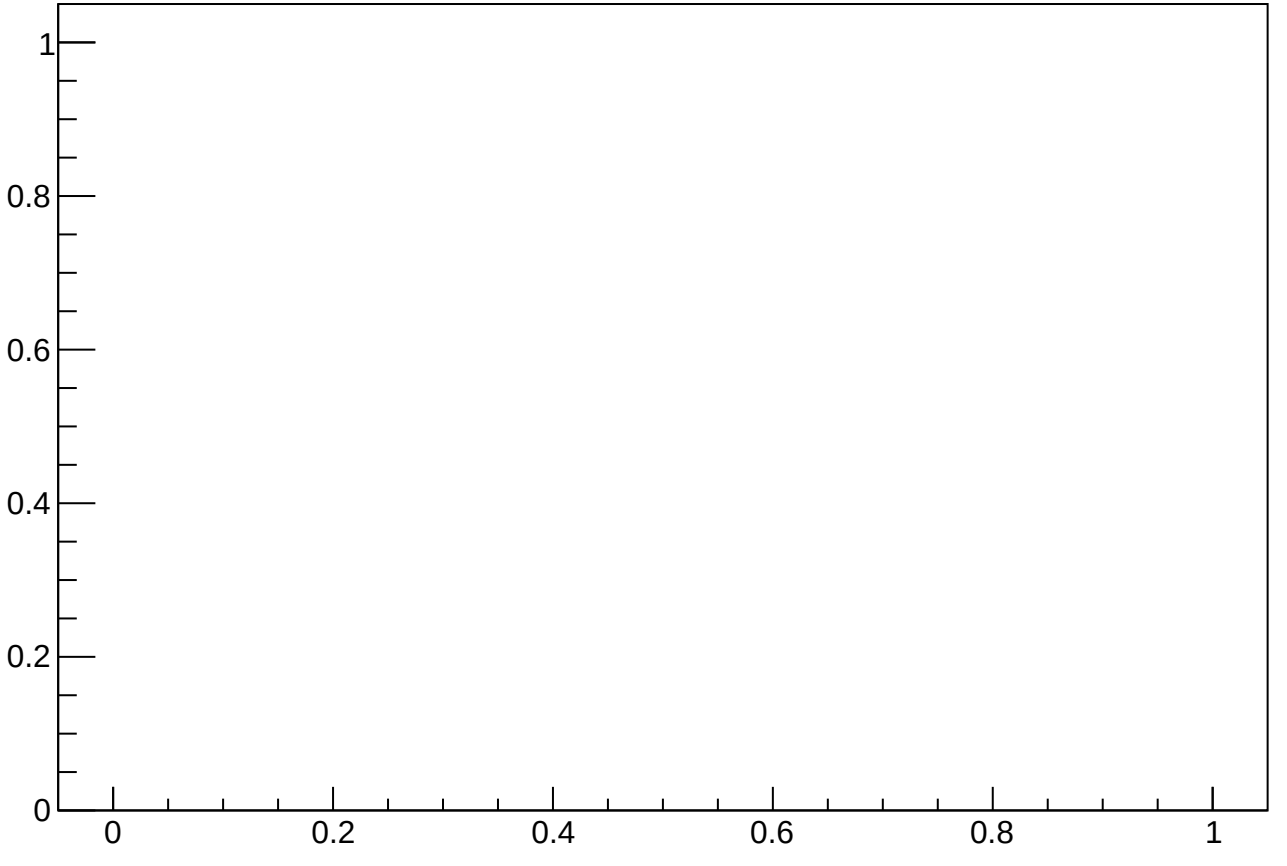
Right: 86.777+/-0.042 χ^2/NDF: 37284.6/3

In: 88.111+/-0.059 χ^2/NDF:14884.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 86.777+/-0.042 χ^2/NDF: 37284.6/3

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

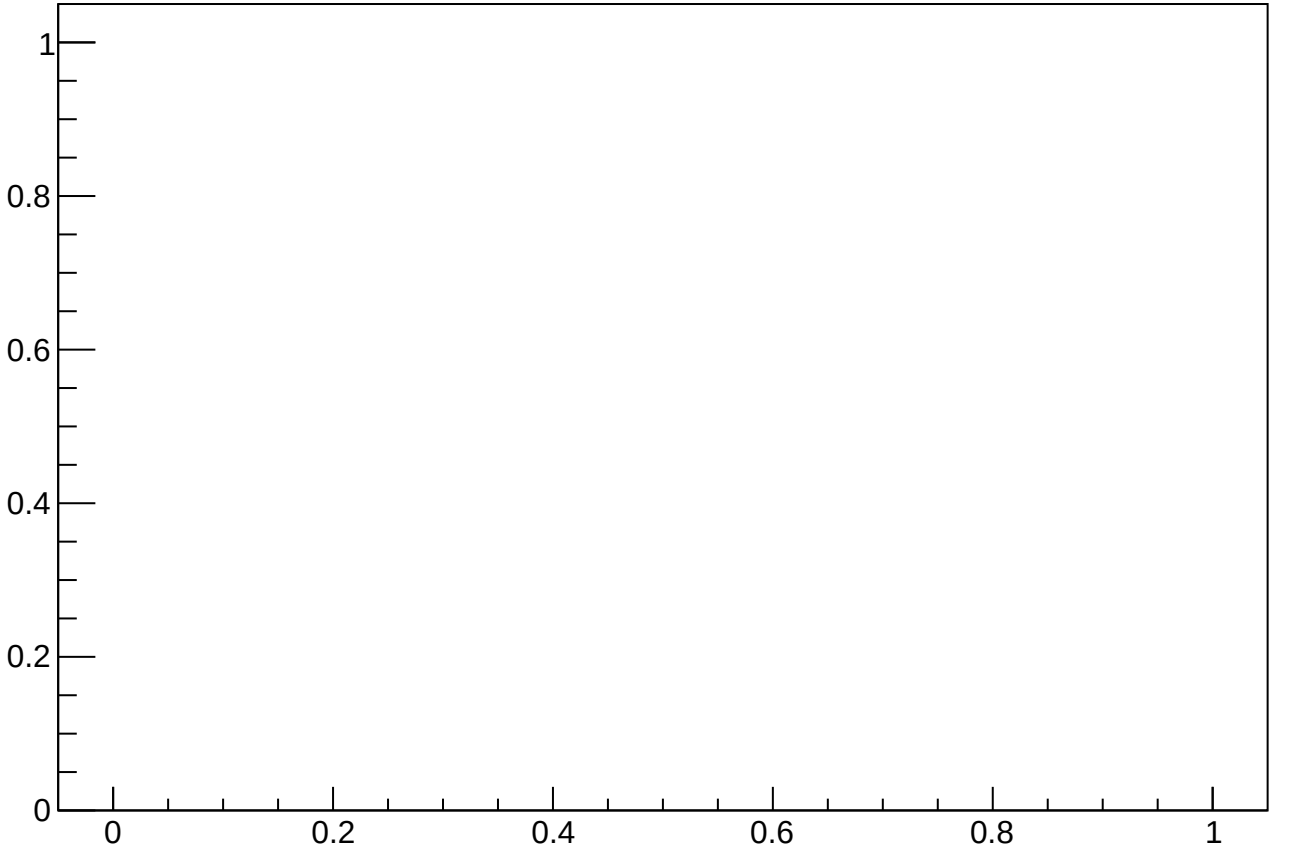
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

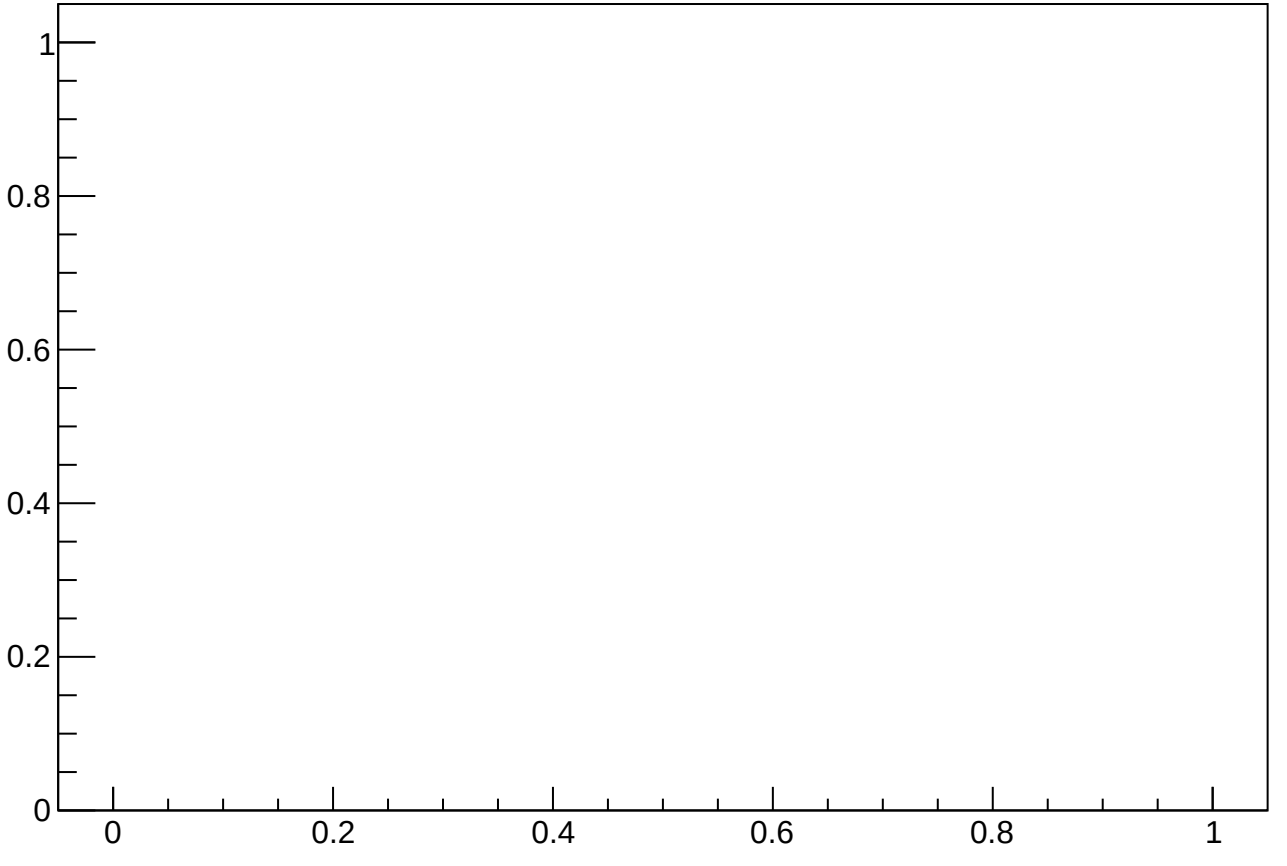
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

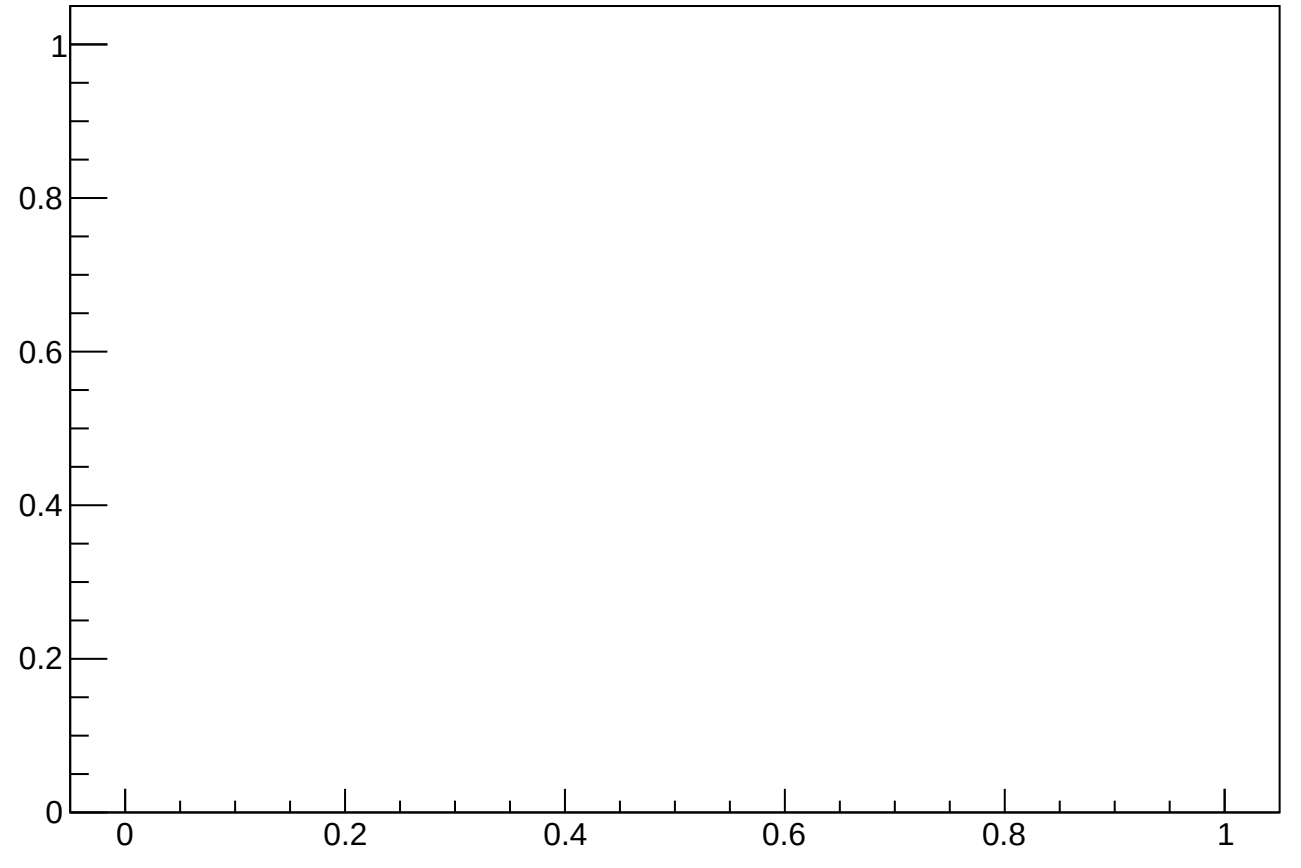
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

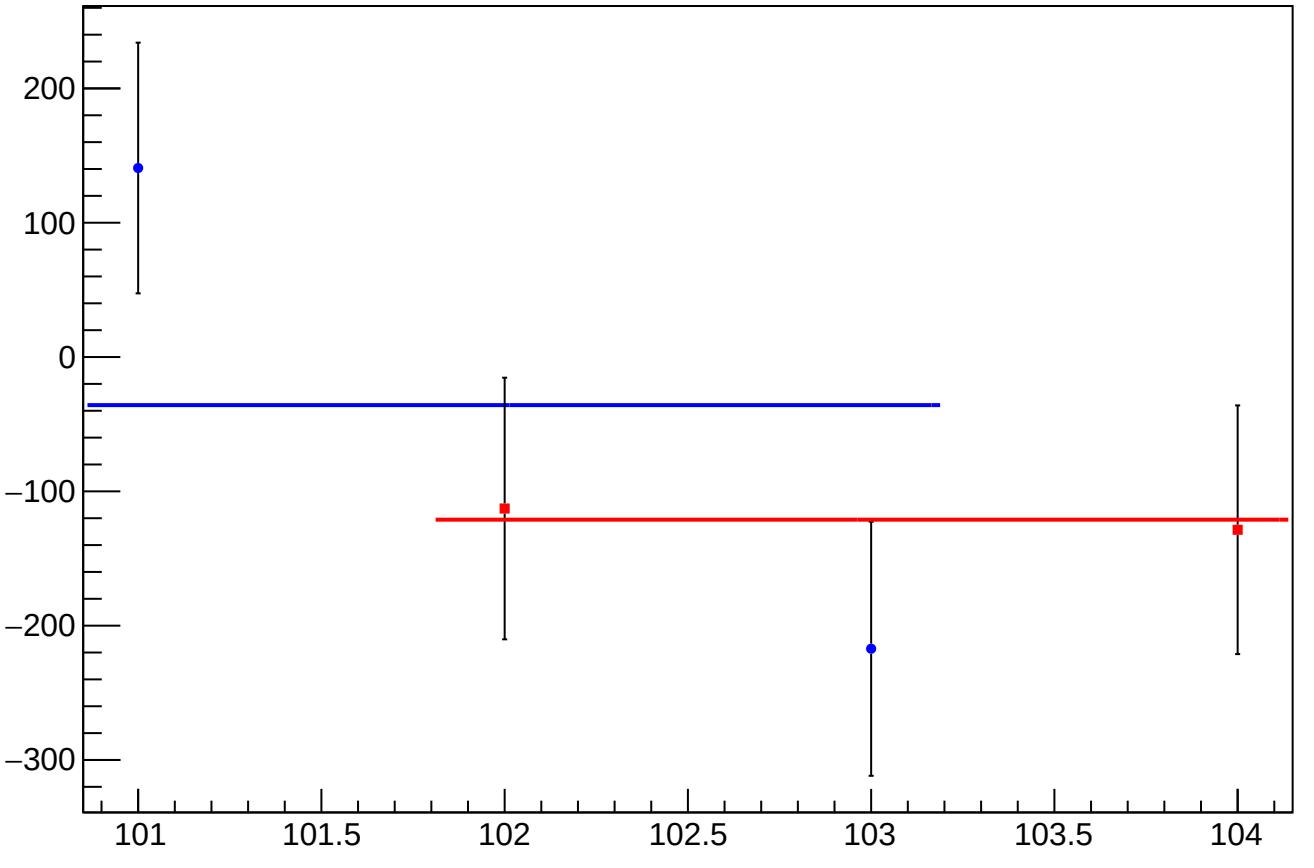
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

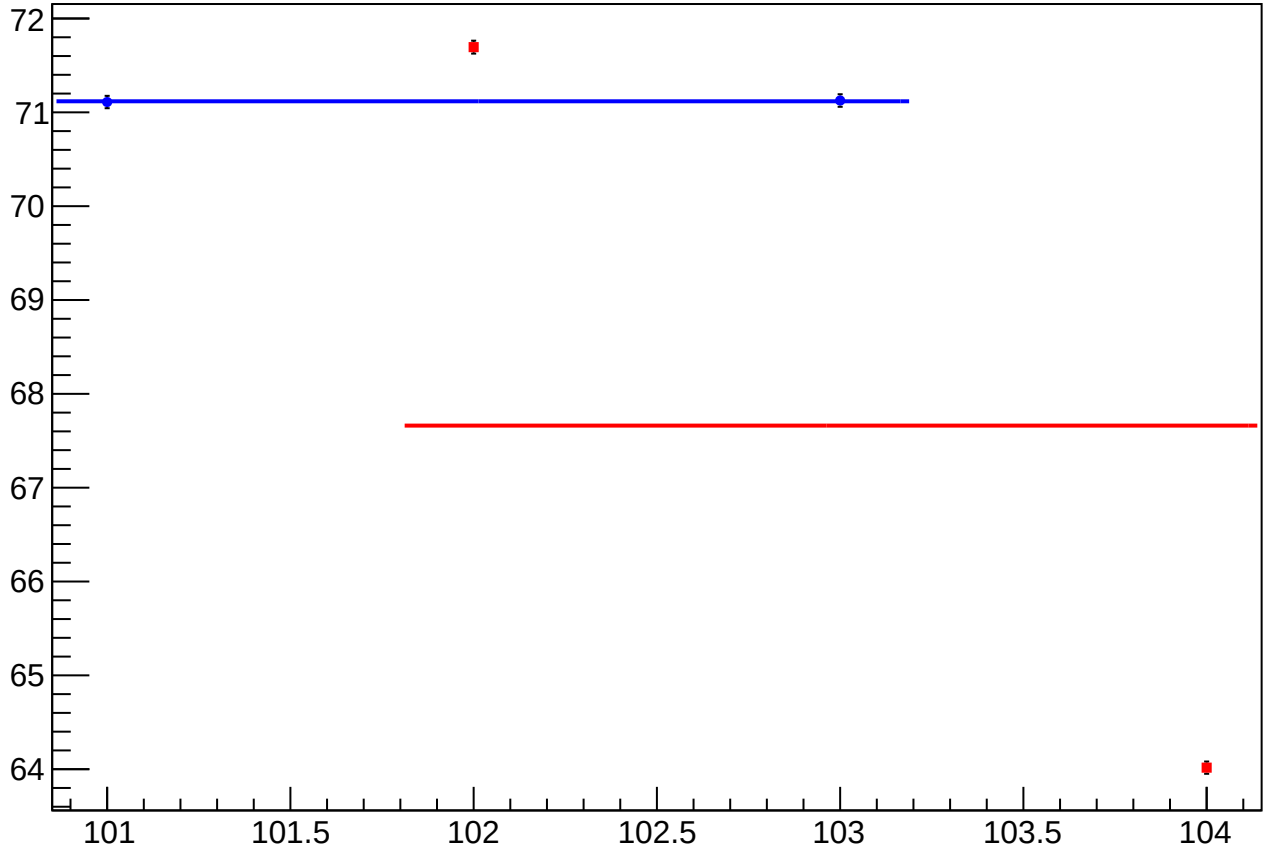
In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0


dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected
200
100
0
−100
−200
−300
101
101.5
102
102.5
103
103.5
104
Right In: -35.799+/-66.436 χ²/NDF: 7.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -121.088+/-67.104 χ²/NDF: 0.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -78.017+/-47.212 χ²/NDF: 8.1/3
In: -35.799+/-66.436 χ²/NDF:7.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -78.017+/-47.212 χ²/NDF: 8.1/3

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 71.118+/-0.047 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 67.662+/-0.047 χ^2/NDF: 6530.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

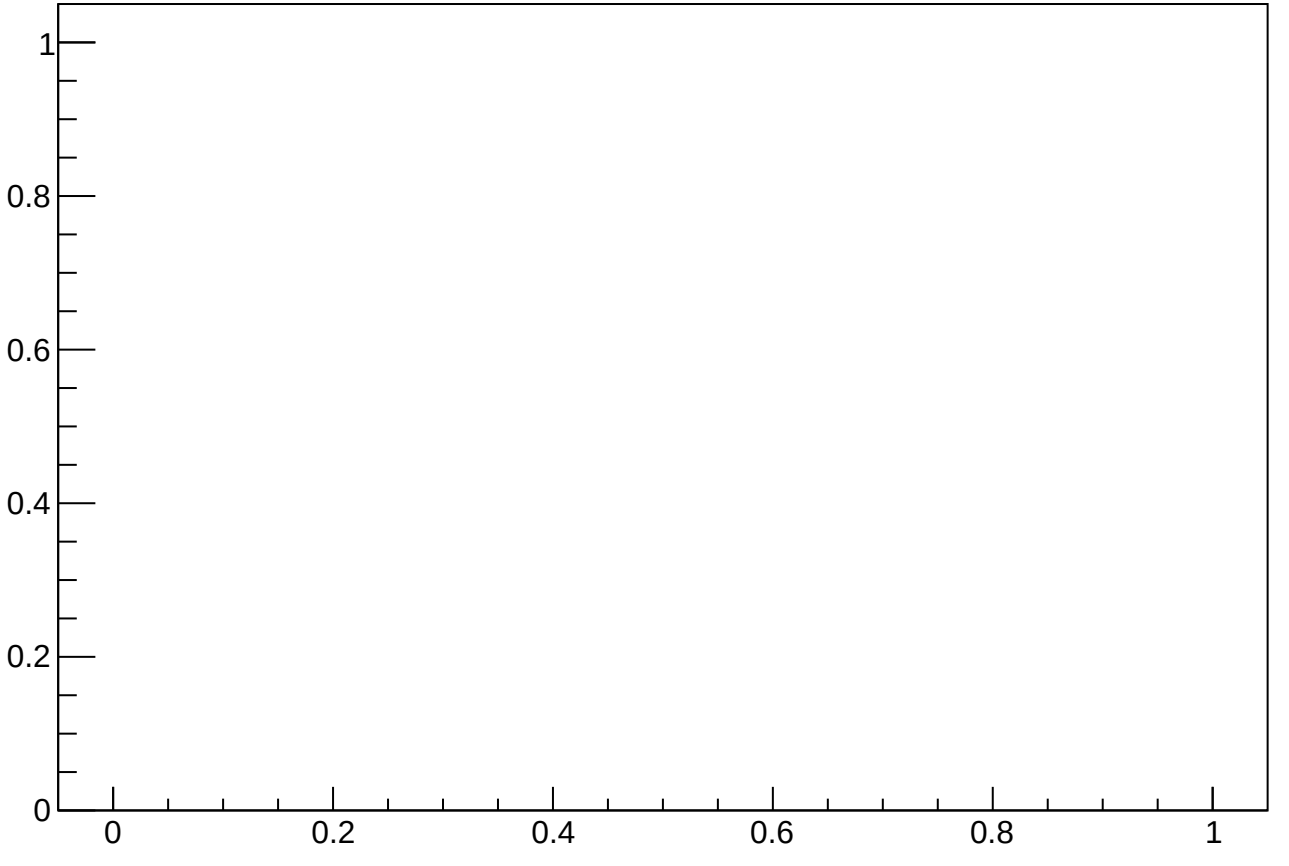
Right: 69.407+/-0.033 χ^2/NDF: 9209.4/3

In: 71.118+/-0.047 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 69.407+/-0.033 χ^2/NDF: 9209.4/3

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

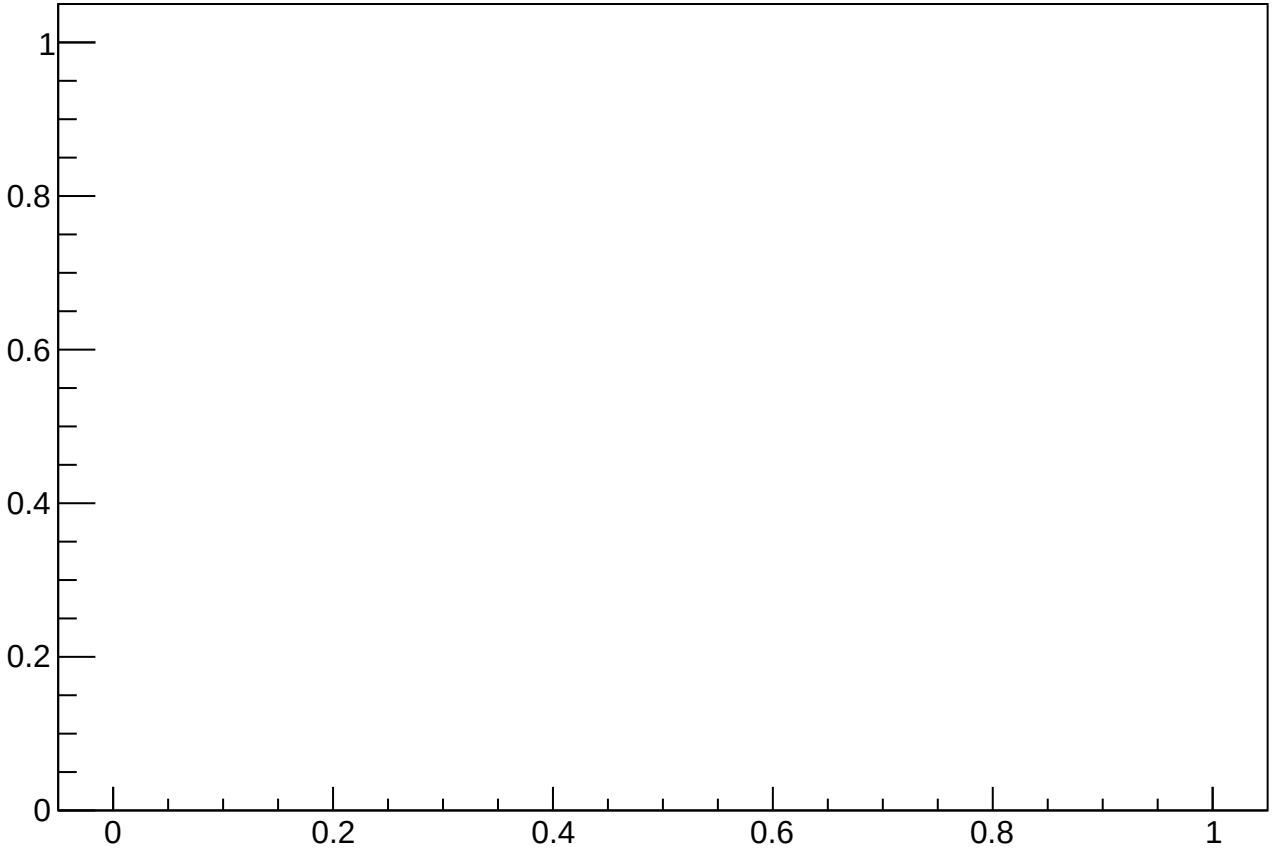
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

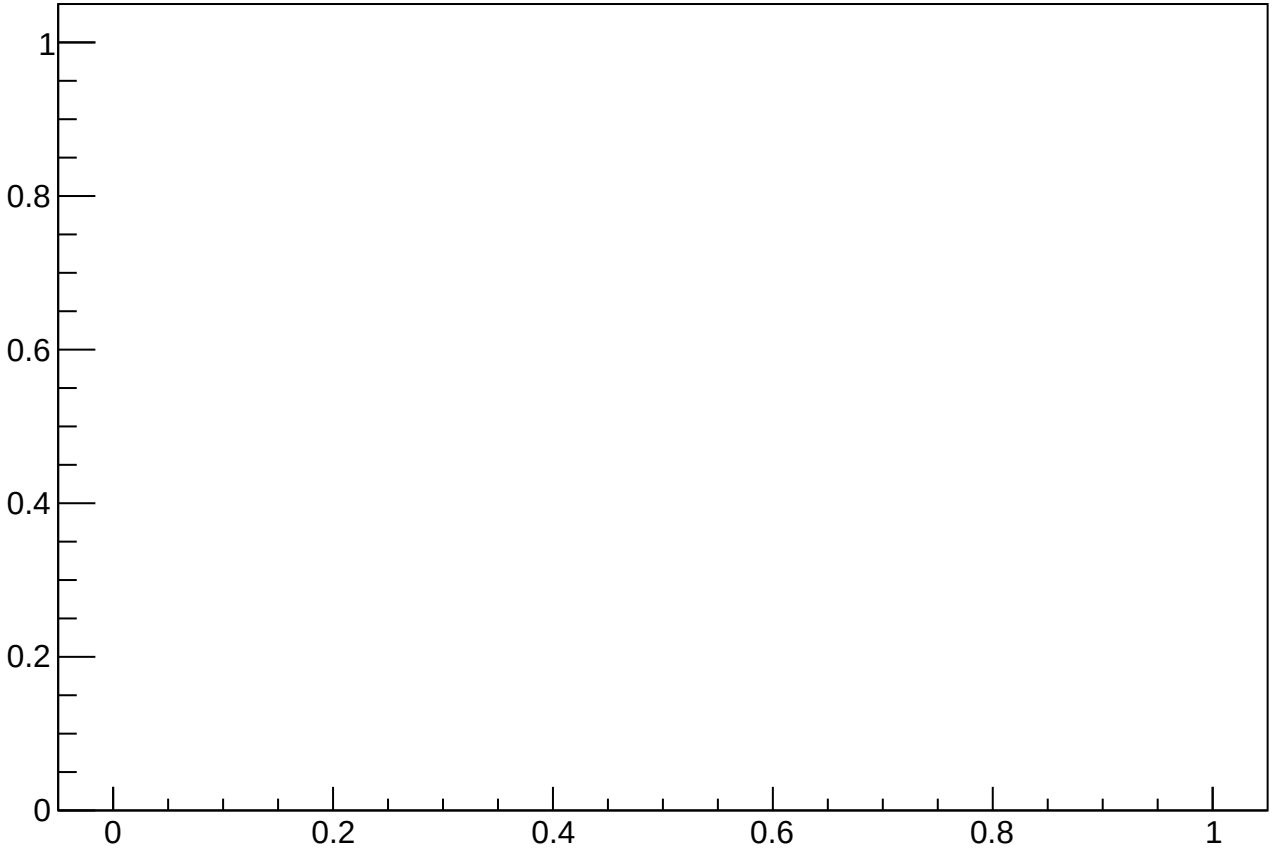
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

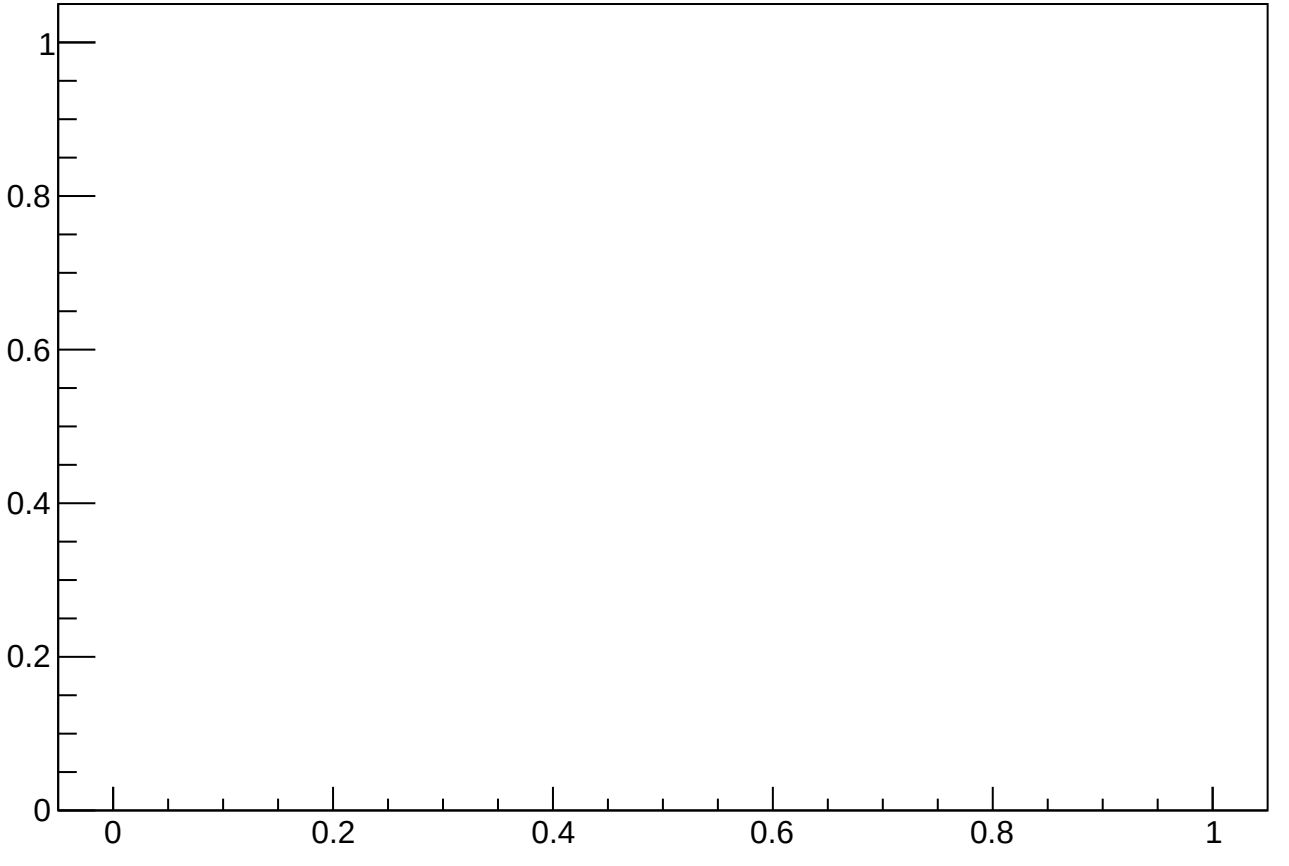
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

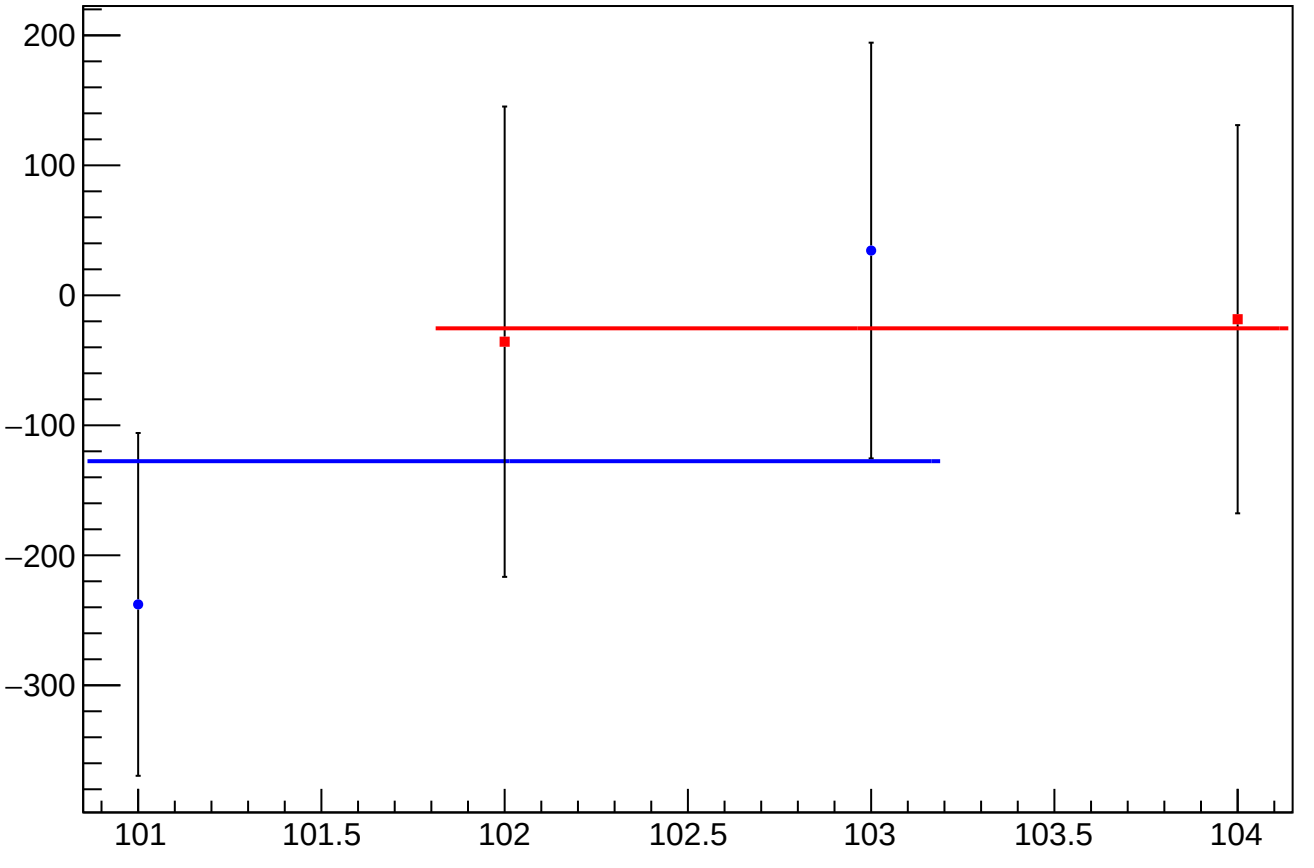
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -127.598+/-101.737 χ^2/NDF: 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.390+/-115.167 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

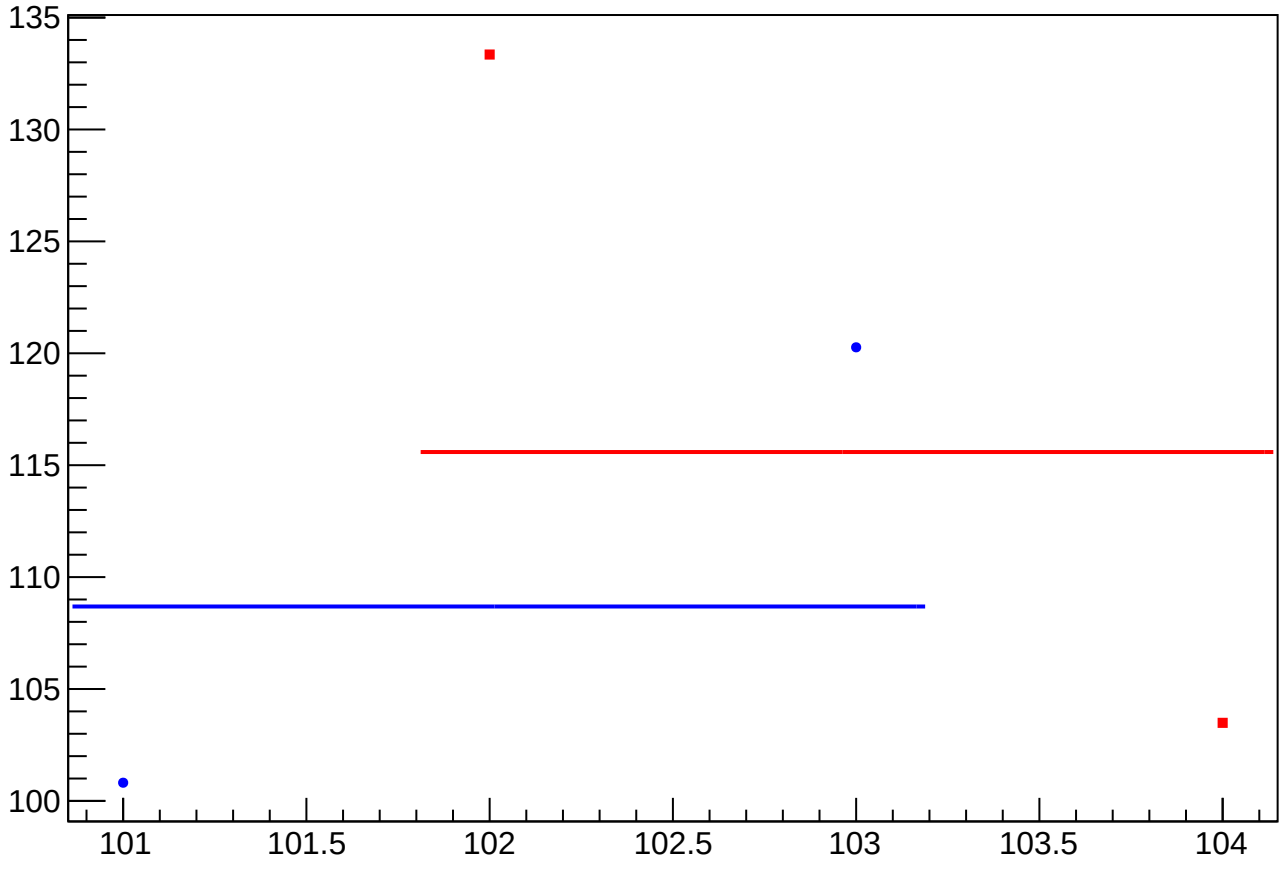
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -82.799+/-76.247 χ^2/NDF: 2.2/3

In: -127.598+/-101.737 χ^2/NDF:1.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -82.799+/-76.247 χ^2/NDF: 2.2/3



Right In: 108.687+/-0.072 χ^2/NDF: 17618.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 115.589+/-0.081 χ^2/NDF: 32404.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

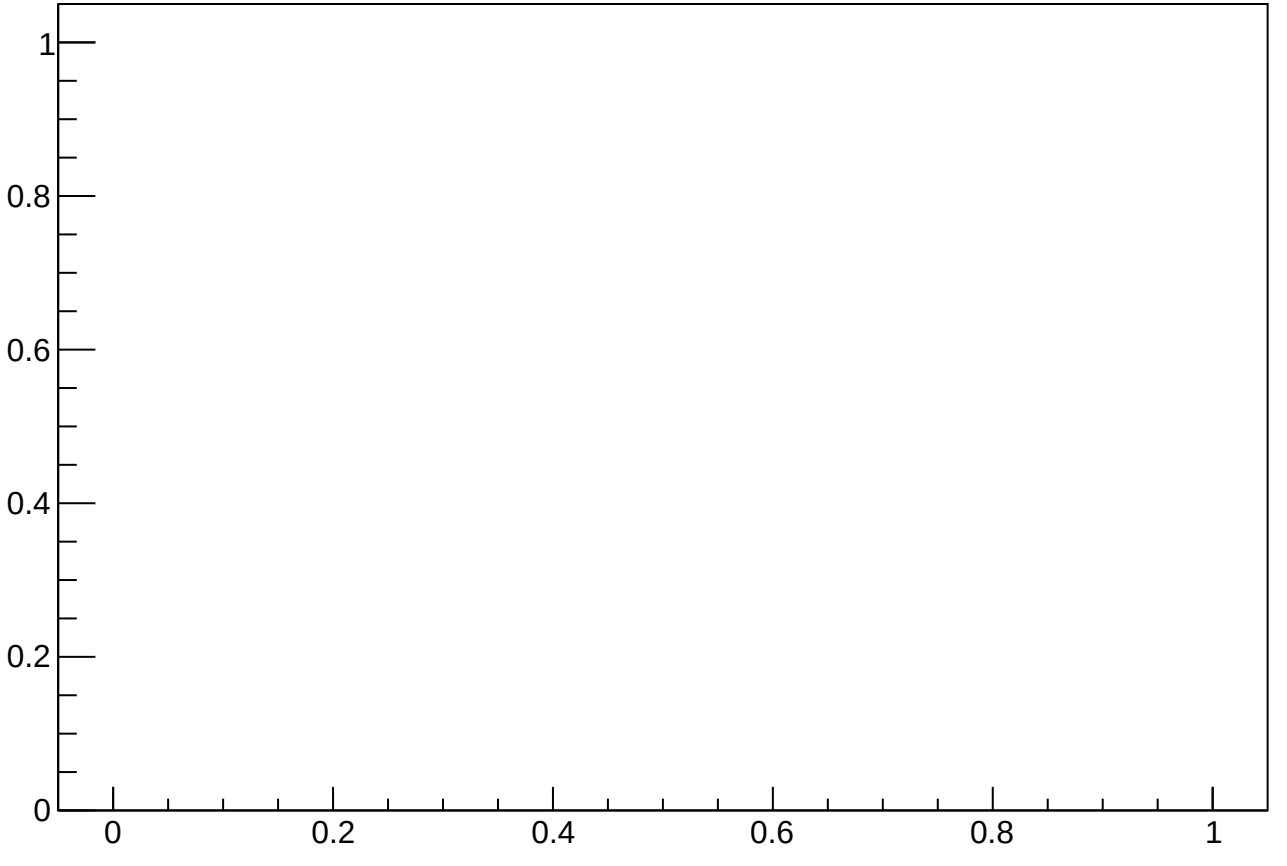
Right: 111.712+/-0.054 χ^2/NDF: 54057.4/3

In: 108.687+/-0.072 χ^2/NDF:17618.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 111.712+/-0.054 χ^2/NDF: 54057.4/3

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

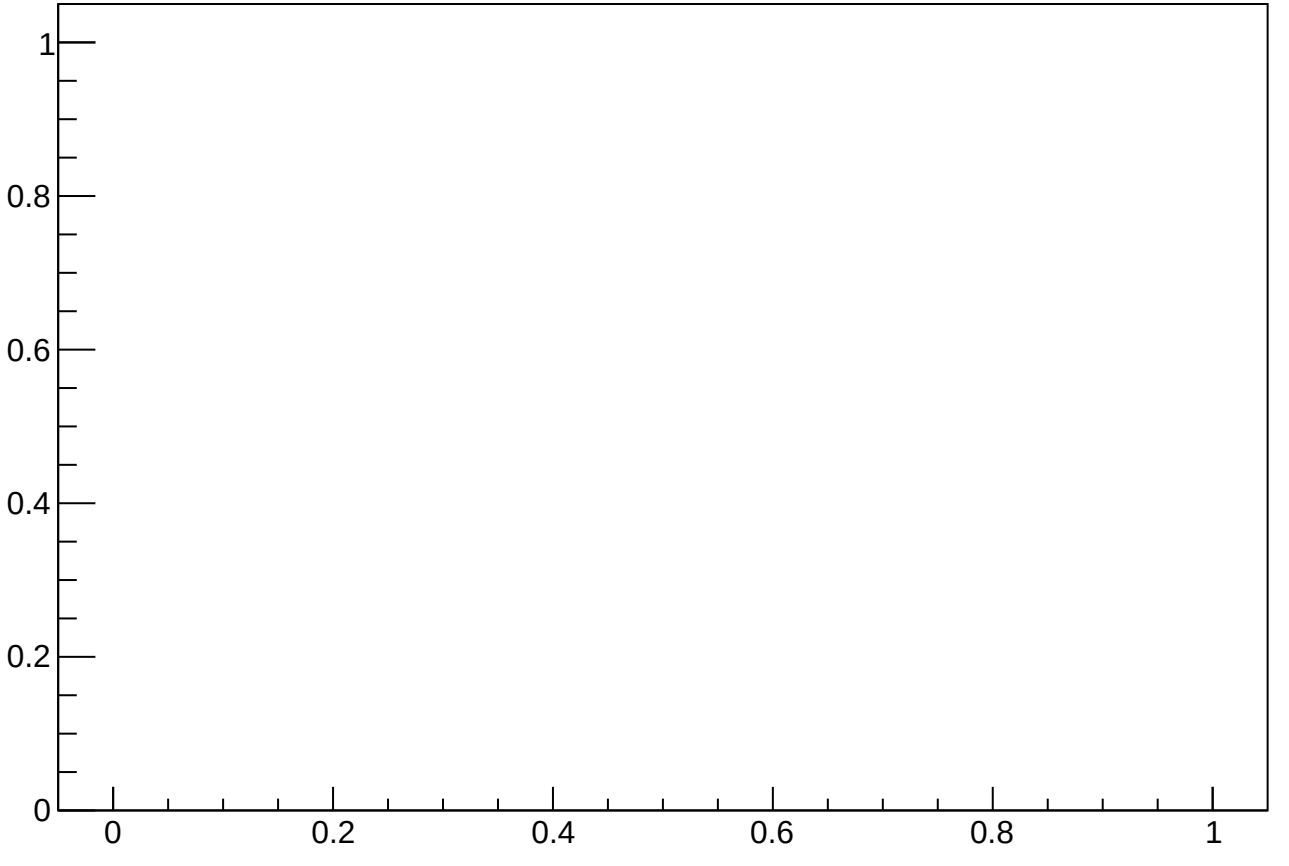
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

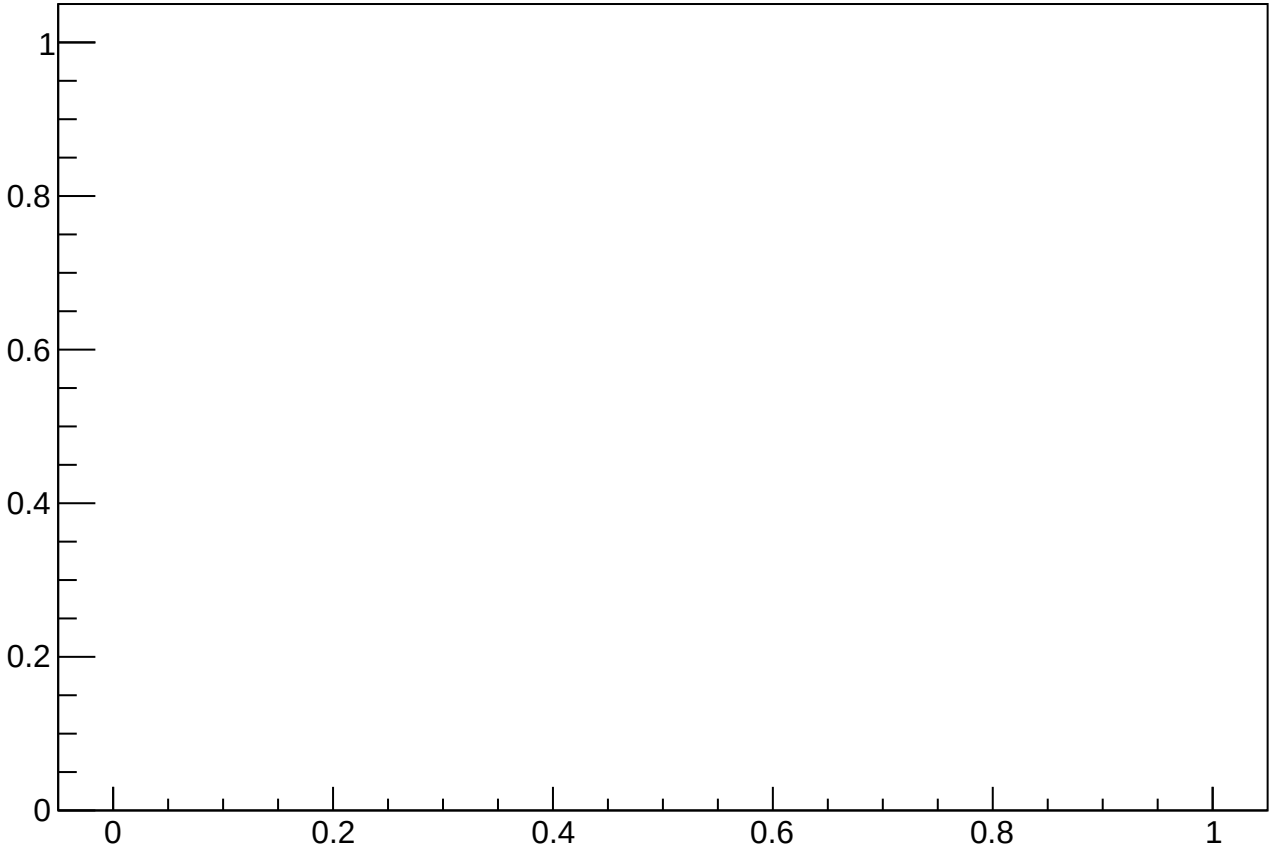
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

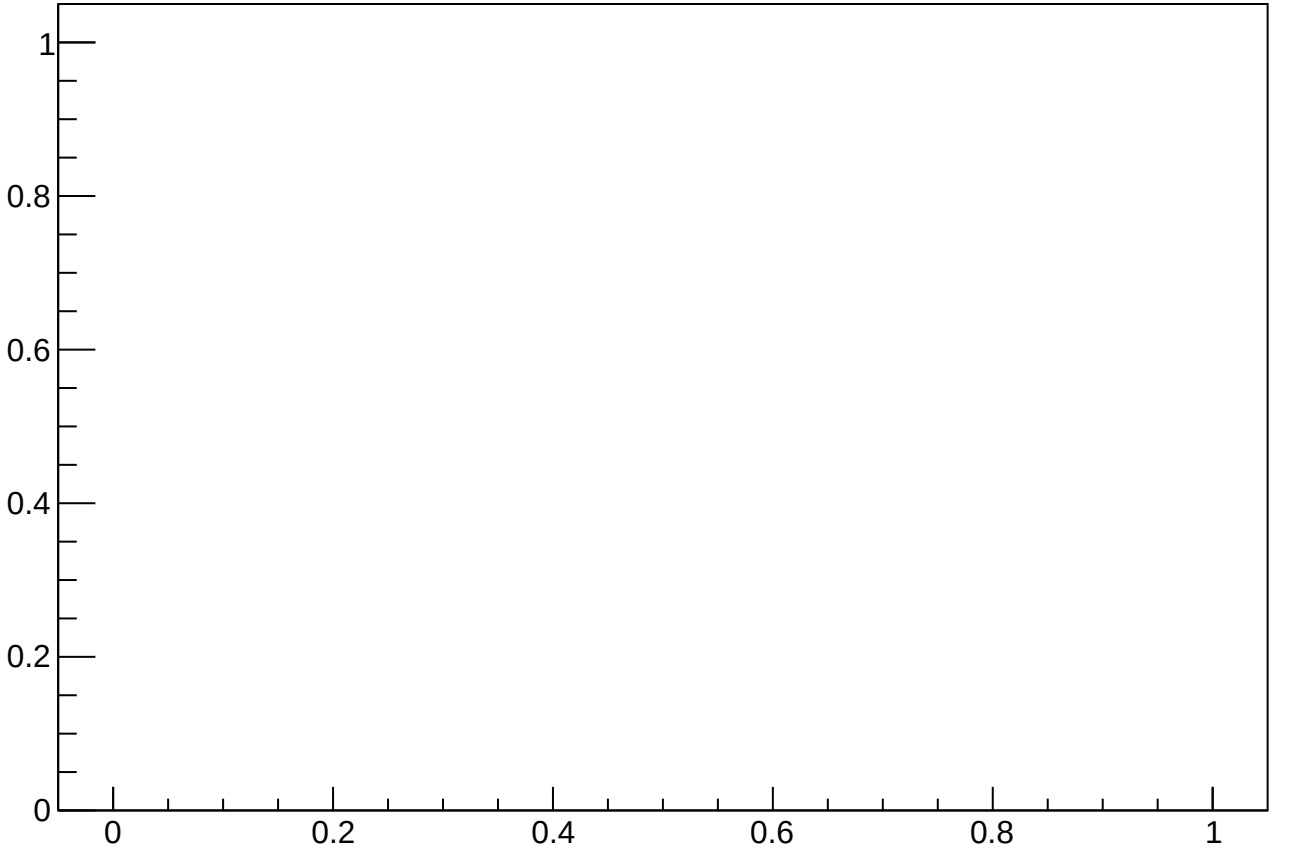
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

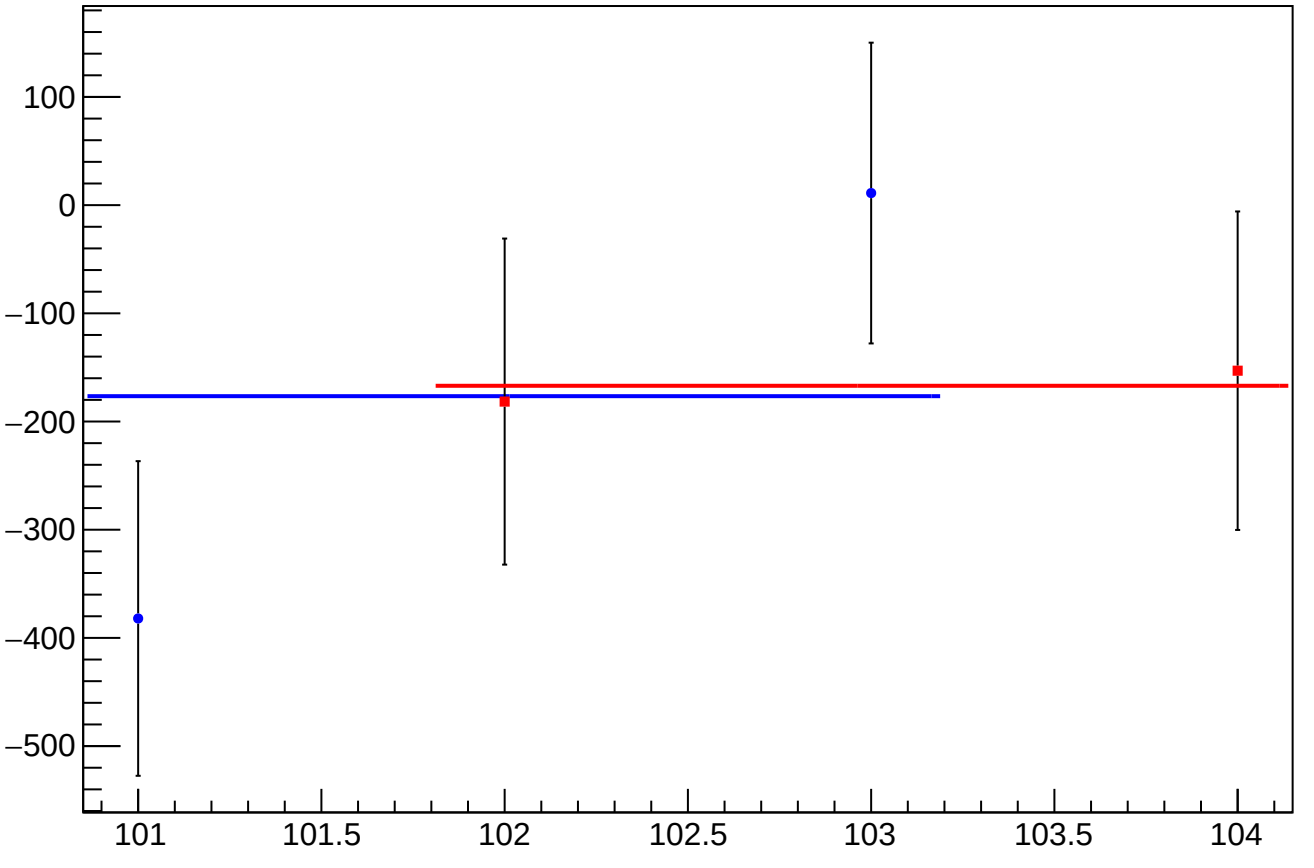
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: -176.573+/-100.477 χ^2/NDF: 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -166.968+/-105.292 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

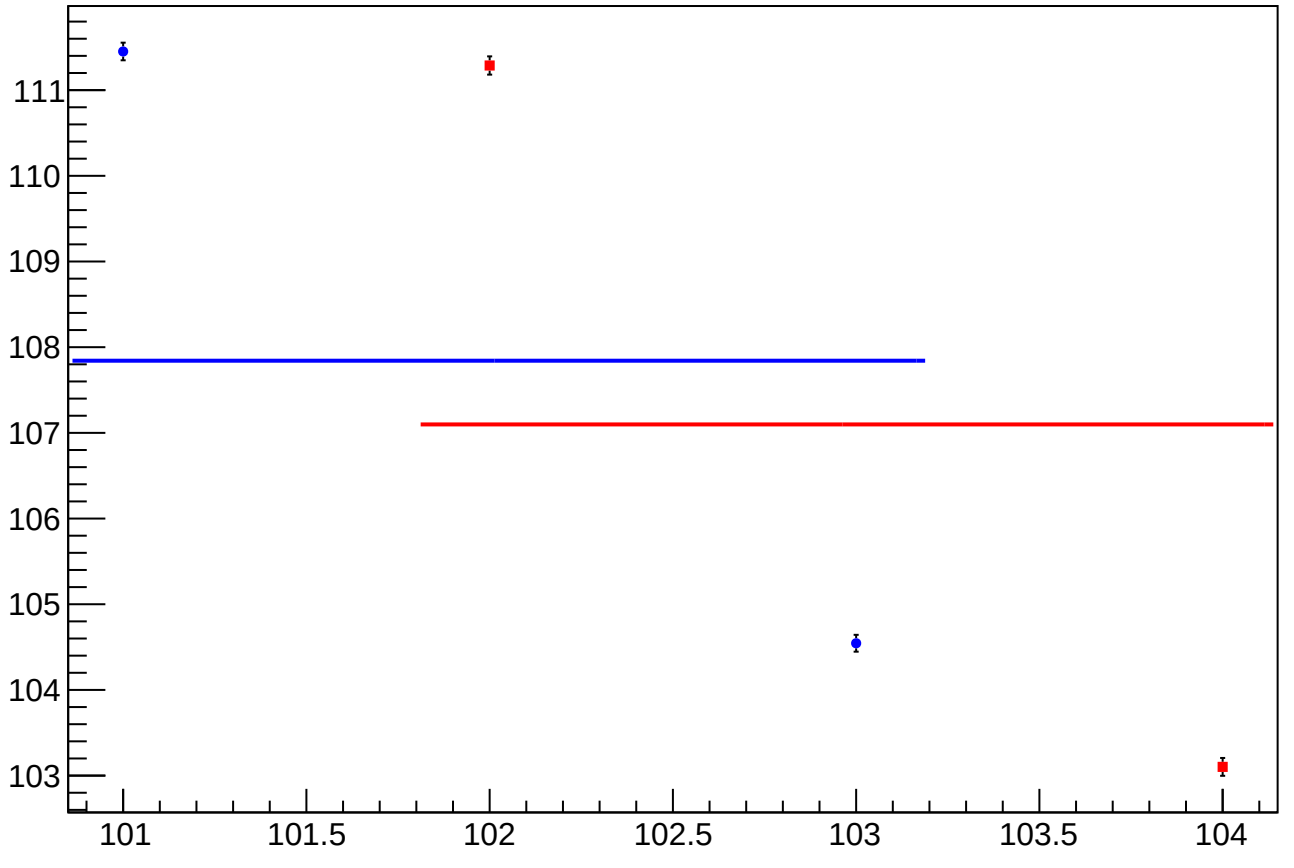
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -171.995+/-72.690 χ^2/NDF: 3.8/3

In: -176.573+/-100.477 χ^2/NDF:3.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -171.995+/-72.690 χ^2/NDF: 3.8/3



Right In: 107.842+/-0.071 χ^2/NDF: 2357.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 107.099+/-0.074 χ^2/NDF: 3020.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

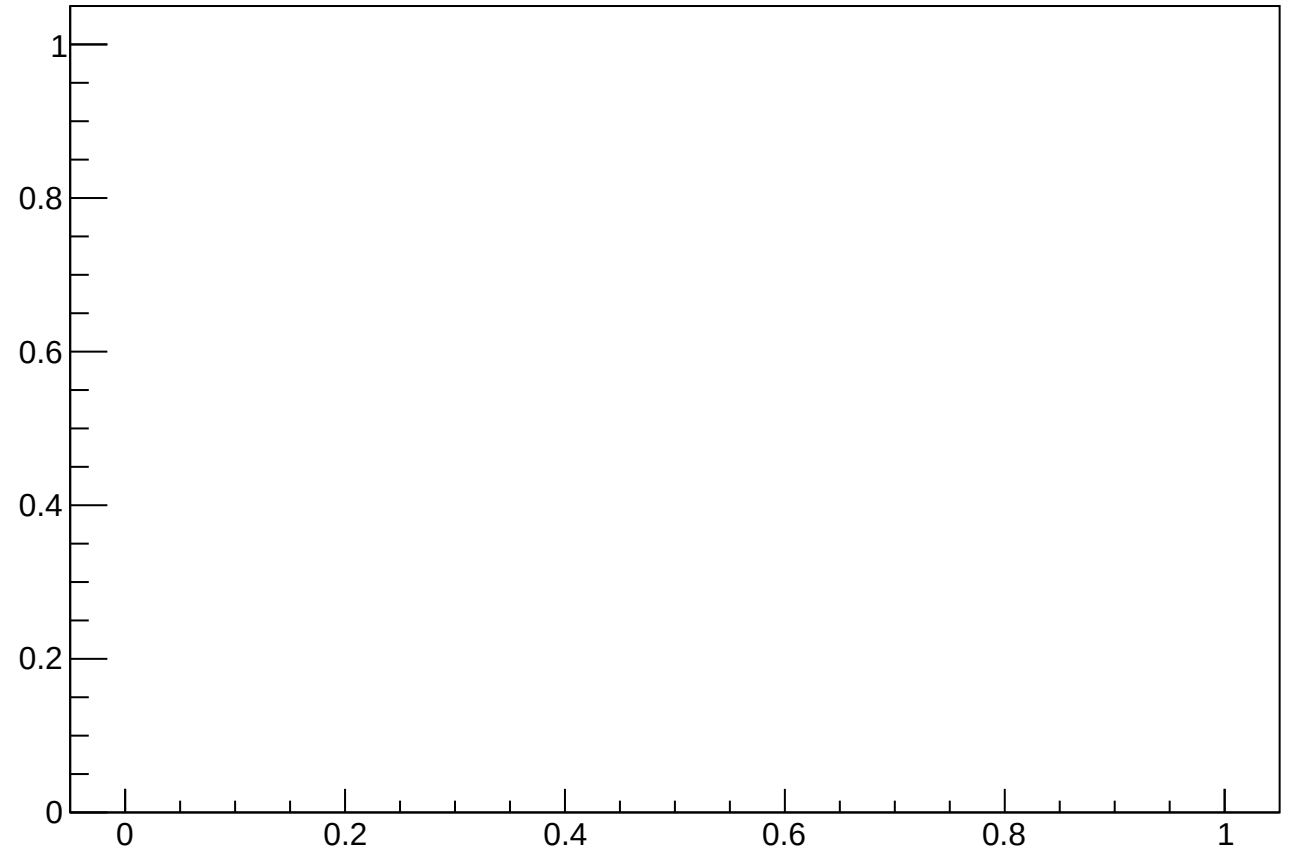
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 107.488+/-0.051 χ^2/NDF: 5430.1/3

In: 107.842+/-0.071 χ^2/NDF:2357.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 107.488+/-0.051 χ^2/NDF: 5430.1/3



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

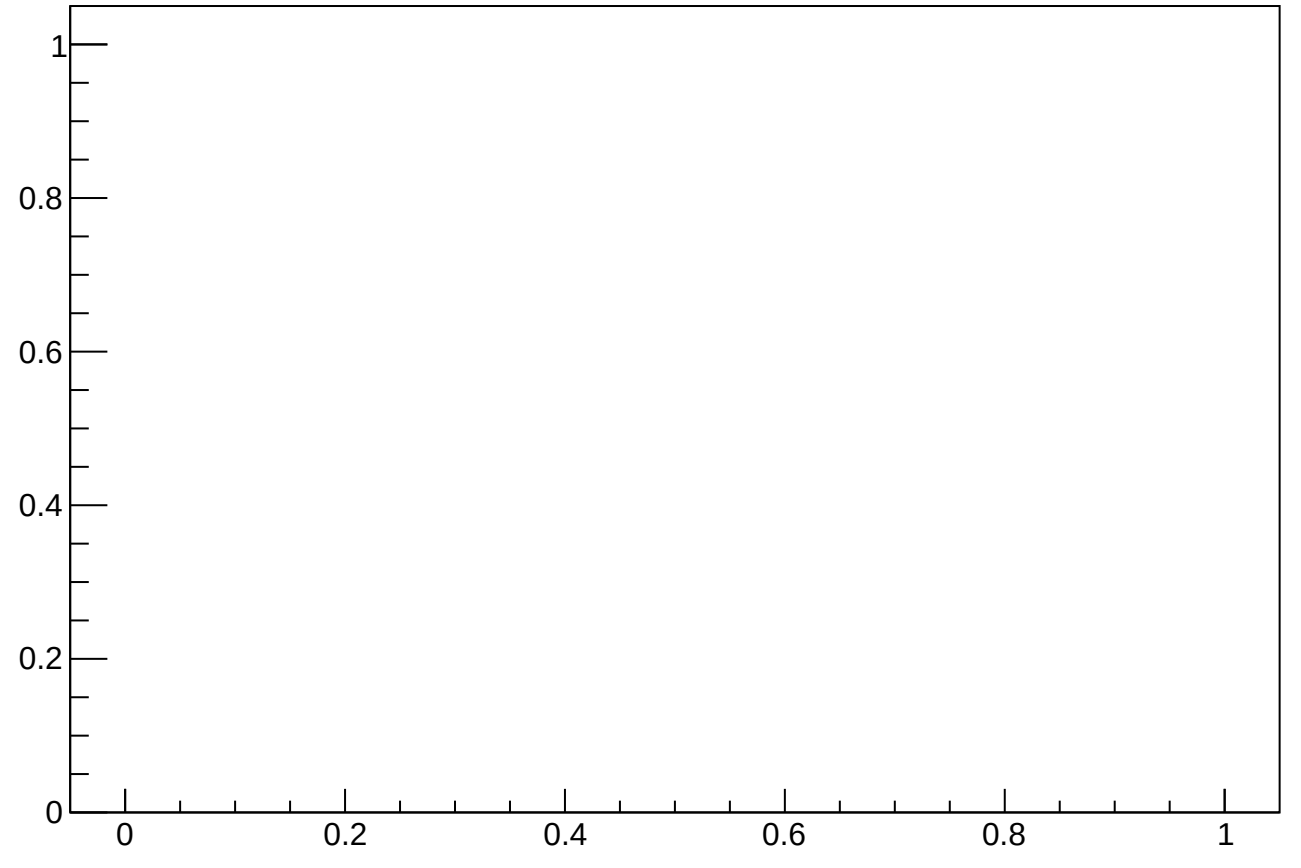
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

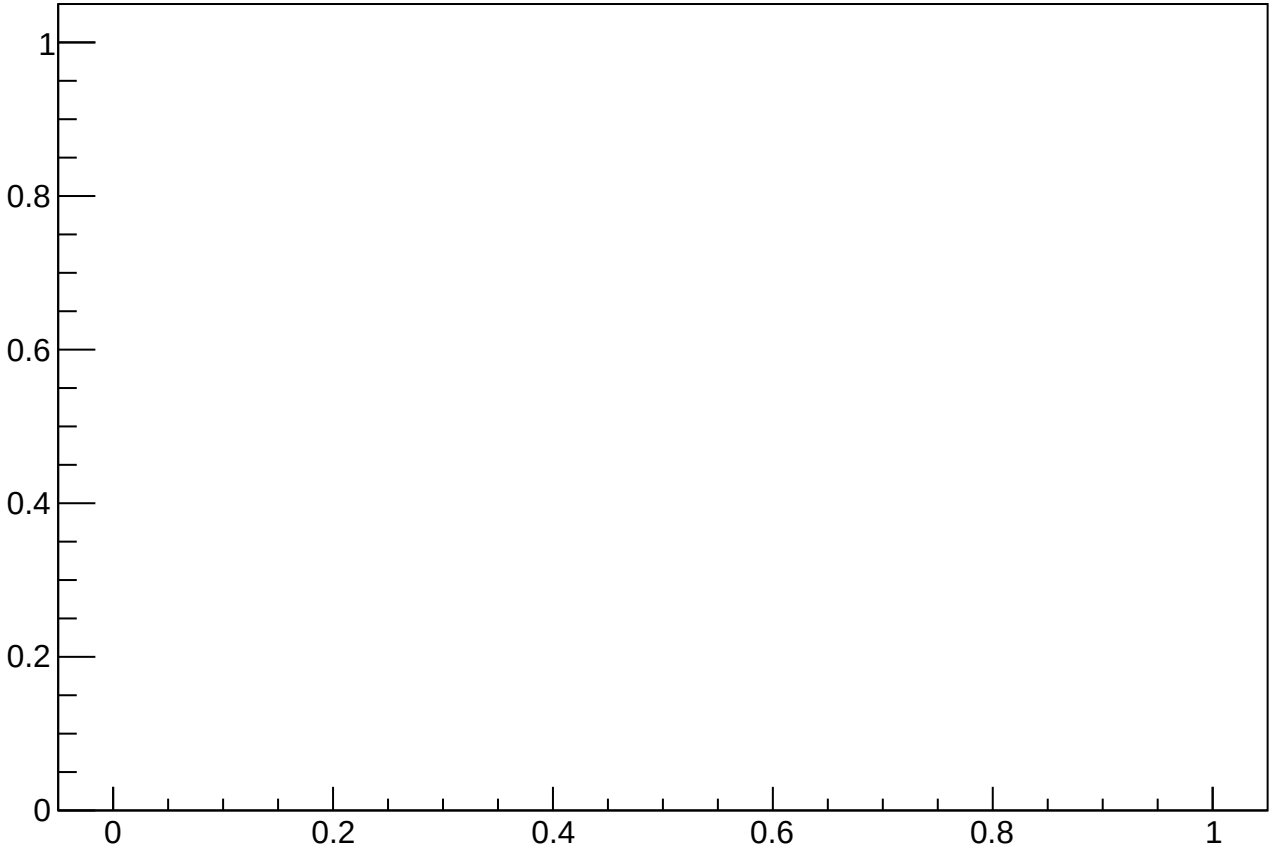
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

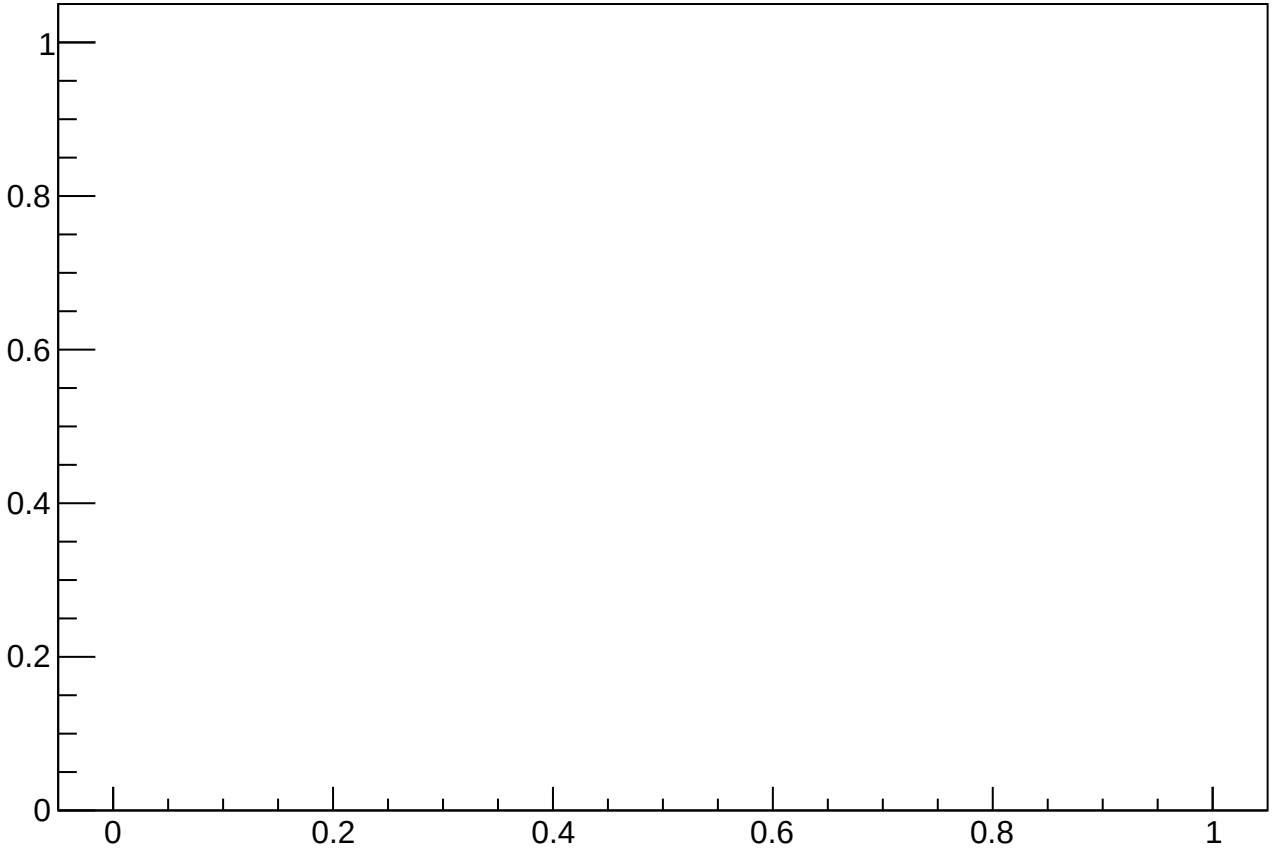
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

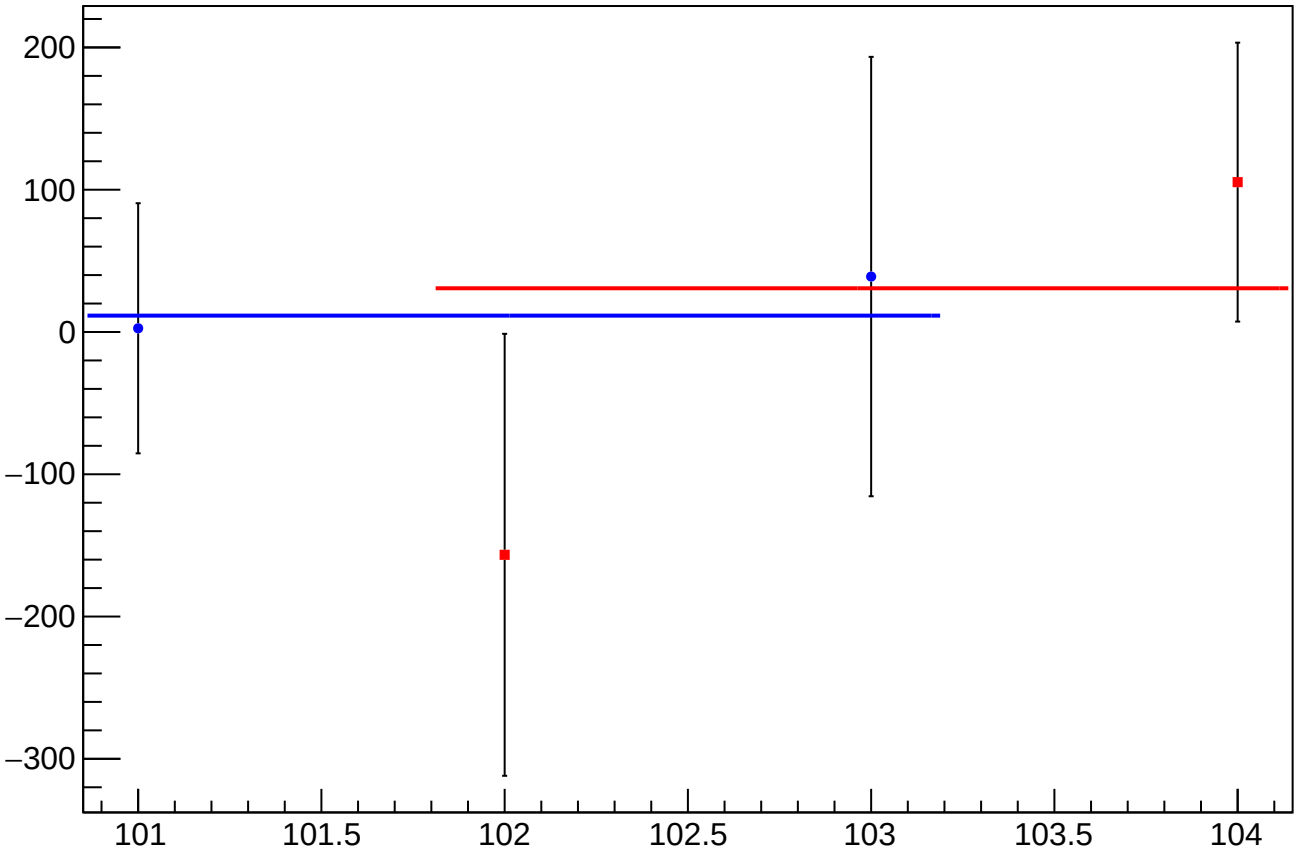
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



Right In: 11.504+/-76.393 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 30.724+/-82.894 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

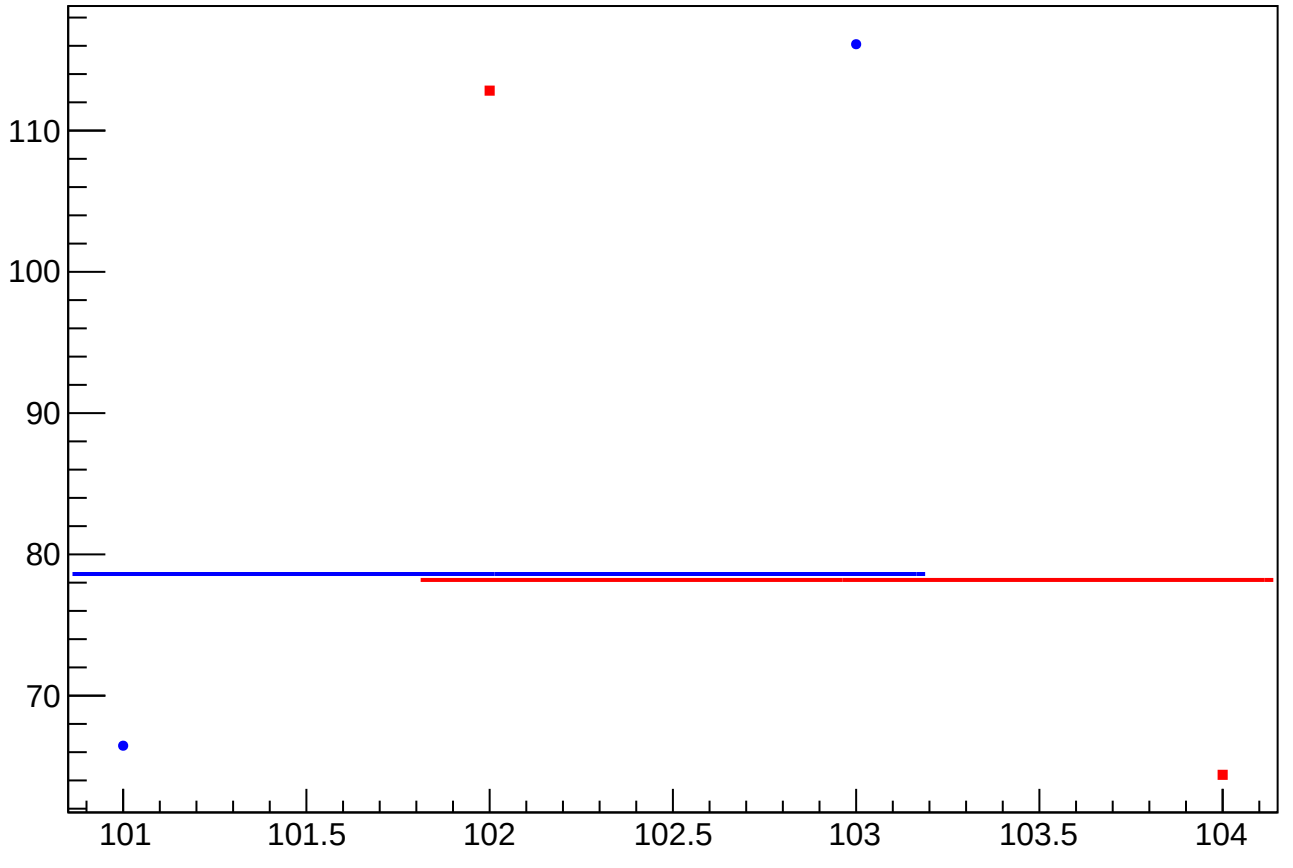
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 20.330+/-56.176 χ^2/NDF: 2.1/3

In: 11.504+/-76.393 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.330+/-56.176 χ^2/NDF: 2.1/3



Right In: 78.612+/-0.054 χ^2/NDF: 156195.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 78.191+/-0.059 χ^2/NDF: 139058.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

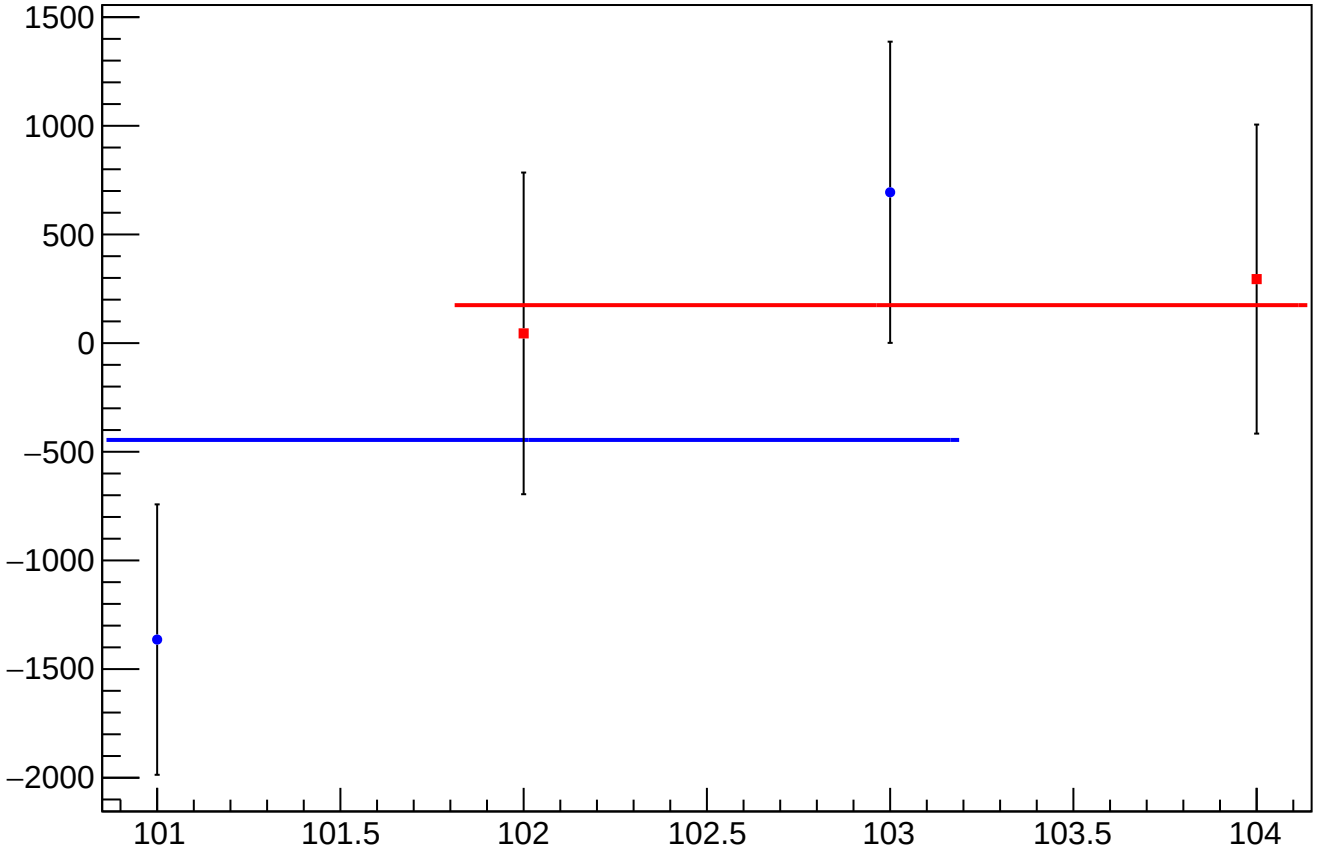
Right: 78.419+/-0.040 χ^2/NDF: 295282.2/3

In: 78.612+/-0.054 χ^2/NDF:156195.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 78.419+/-0.040 χ^2/NDF: 295282.2/3

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -445.514+/-462.988 χ^2/NDF: 4.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 174.721+/-512.741 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

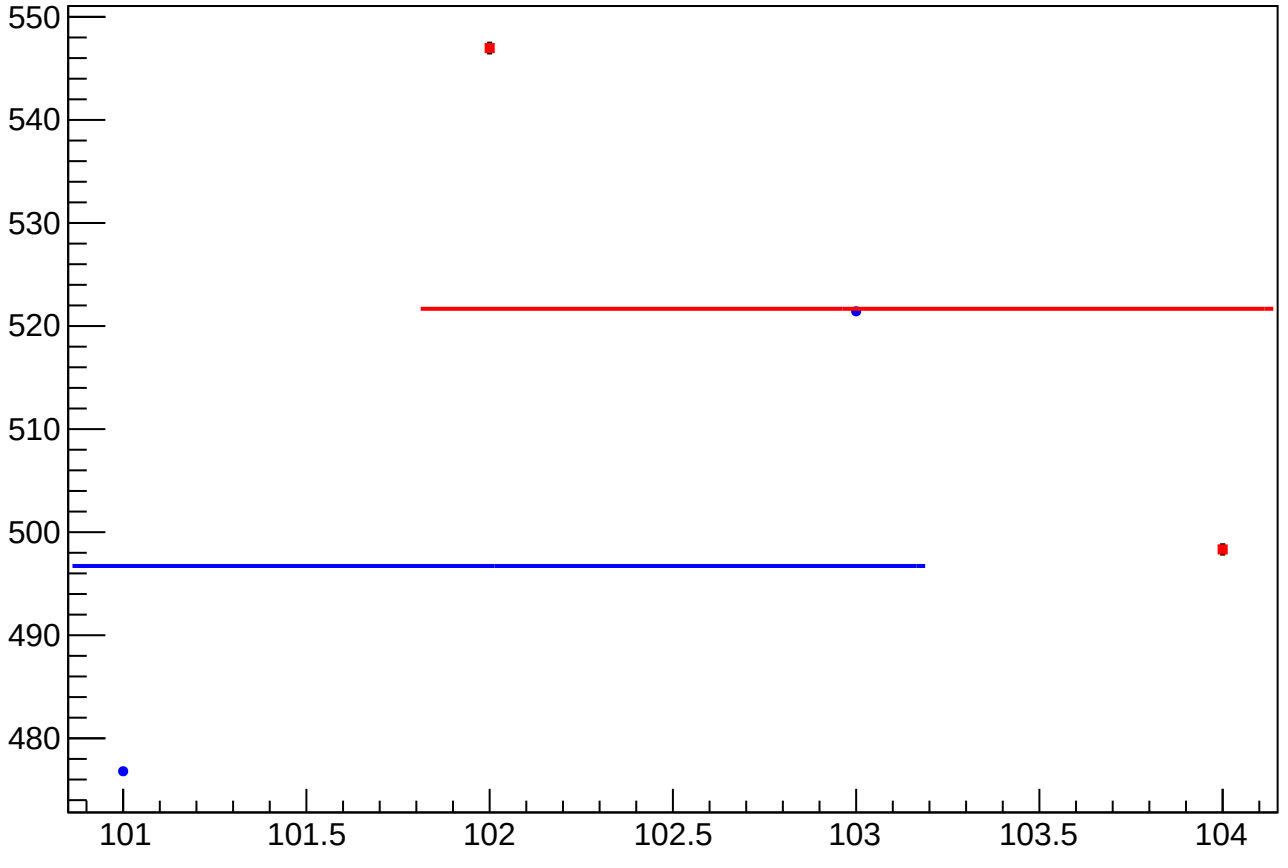
Right: -166.941+/-343.629 χ^2/NDF: 5.7/3

In: -445.514+/-462.988 χ^2/NDF:4.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -166.941+/-343.629 χ^2/NDF: 5.7/3

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 496.721+/-0.327 χ^2/NDF: 4592.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 521.676+/-0.363 χ^2/NDF: 4493.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

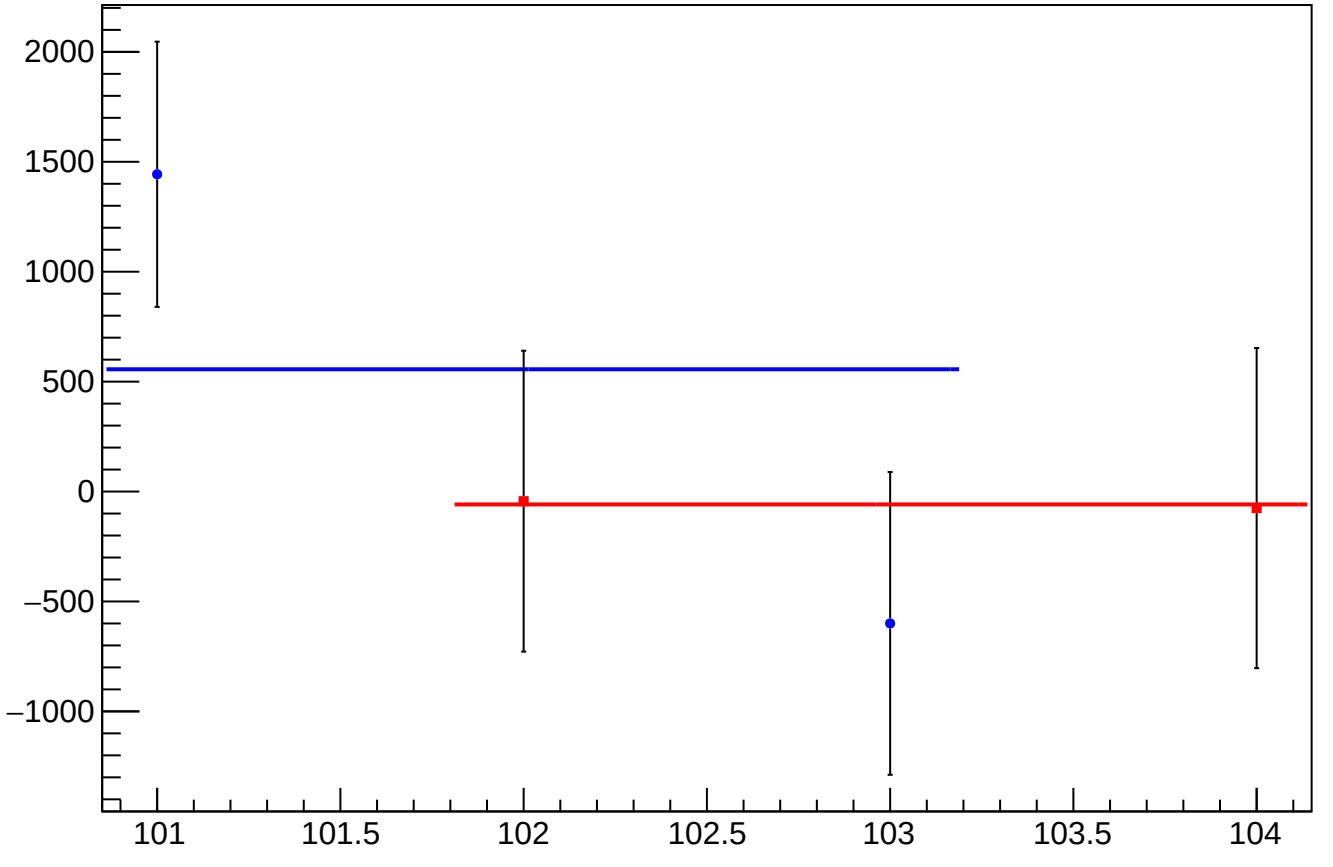
Right: 507.929+/-0.243 χ^2/NDF: 11695.2/3

In: 496.721+/-0.327 χ^2/NDF:4592.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 507.929+/-0.243 χ^2/NDF: 11695.2/3

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 556.192+/-453.733 χ^2/NDF: 5.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -58.576+/-498.740 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

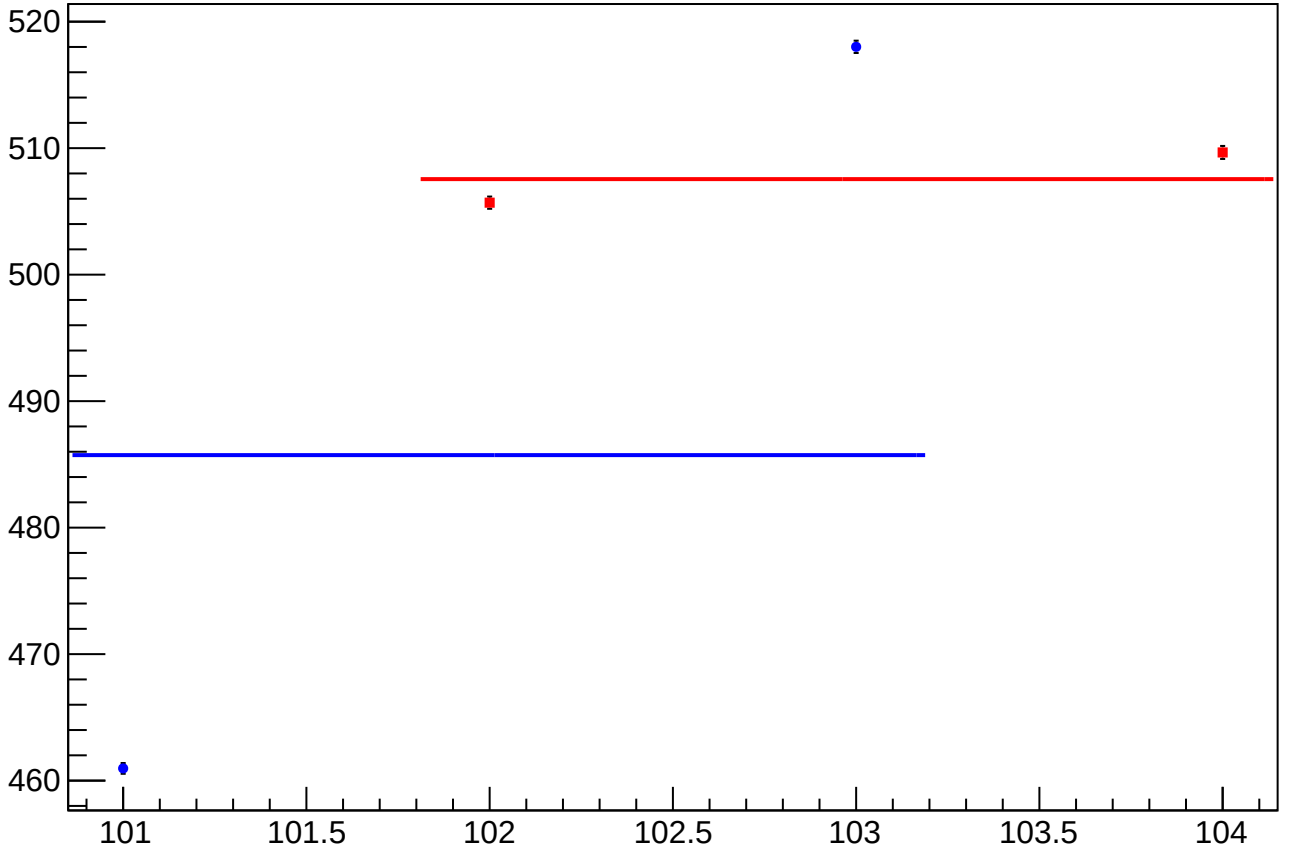
Right: 277.793+/-335.624 χ^2/NDF: 5.8/3

In: 556.192+/-453.733 χ^2/NDF:5.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 277.793+/-335.624 χ^2/NDF: 5.8/3

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 485.733+/-0.321 χ^2/NDF: 7766.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 507.552+/-0.353 χ^2/NDF: 31.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

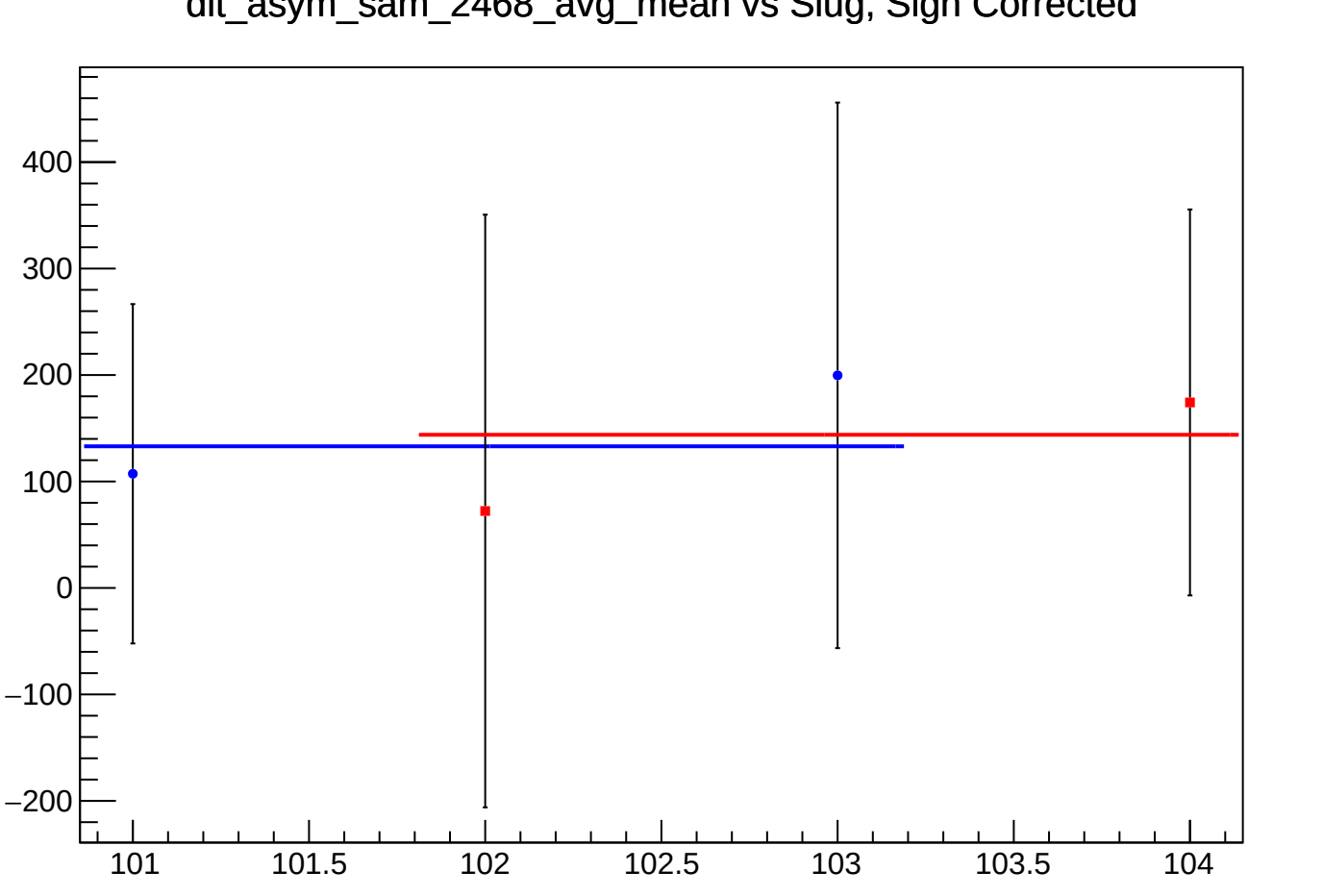
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

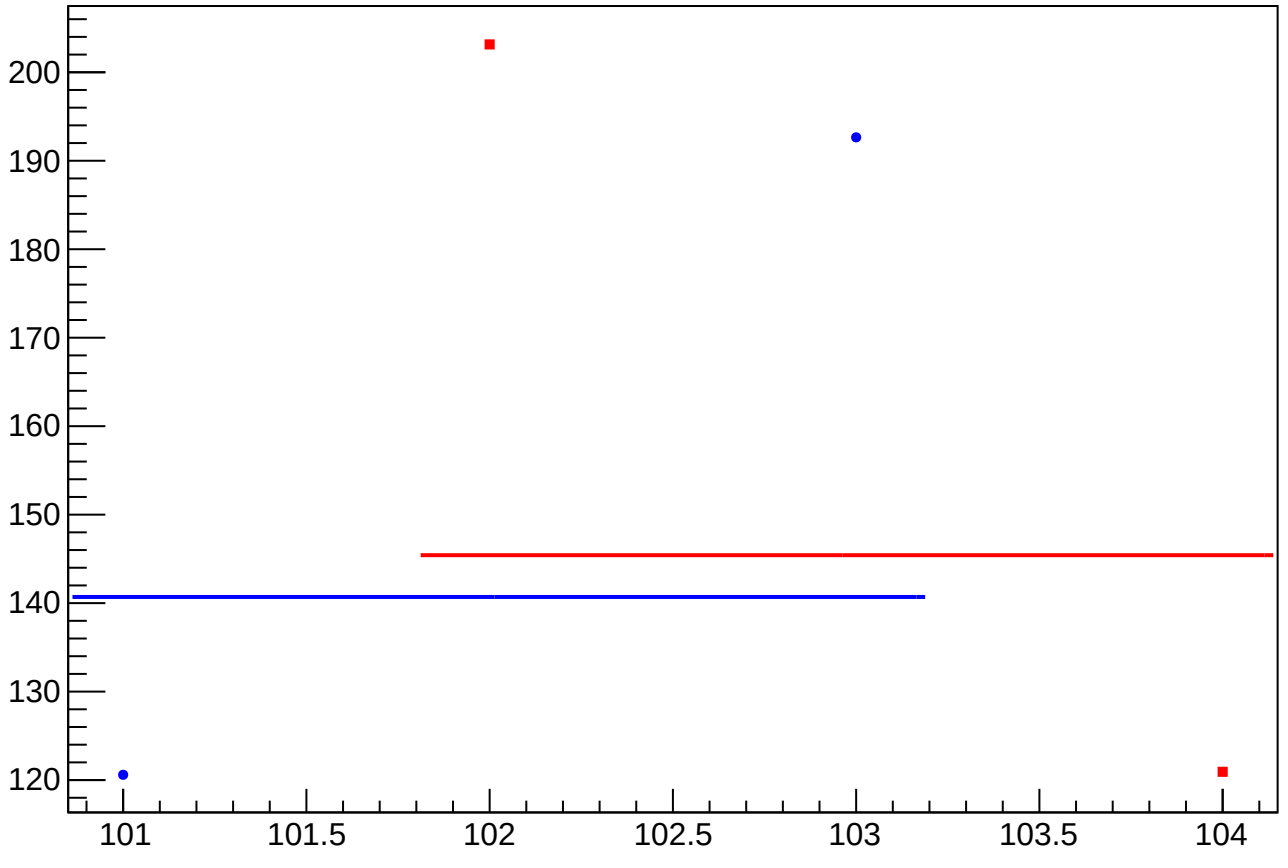
Right: 495.614+/-0.237 χ^2/NDF: 9892.0/3

In: 485.733+/-0.321 χ^2/NDF:7766.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 495.614+/-0.237 χ^2/NDF: 9892.0/3


dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected
400
300
200
100
0
−100
−200
101
101.5
102
102.5
103
103.5
104
Right In: 133.054+/-135.339 χ²/NDF: 0.1/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 143.882+/-151.904 χ²/NDF: 0.1/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 137.845+/-101.050 χ²/NDF: 0.2/3
In: 133.054+/-135.339 χ²/NDF:0.1/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 137.845+/-101.050 χ²/NDF: 0.2/3



Right In: 140.697+/-0.096 χ^2/NDF: 114013.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 145.419+/-0.107 χ^2/NDF: 122510.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

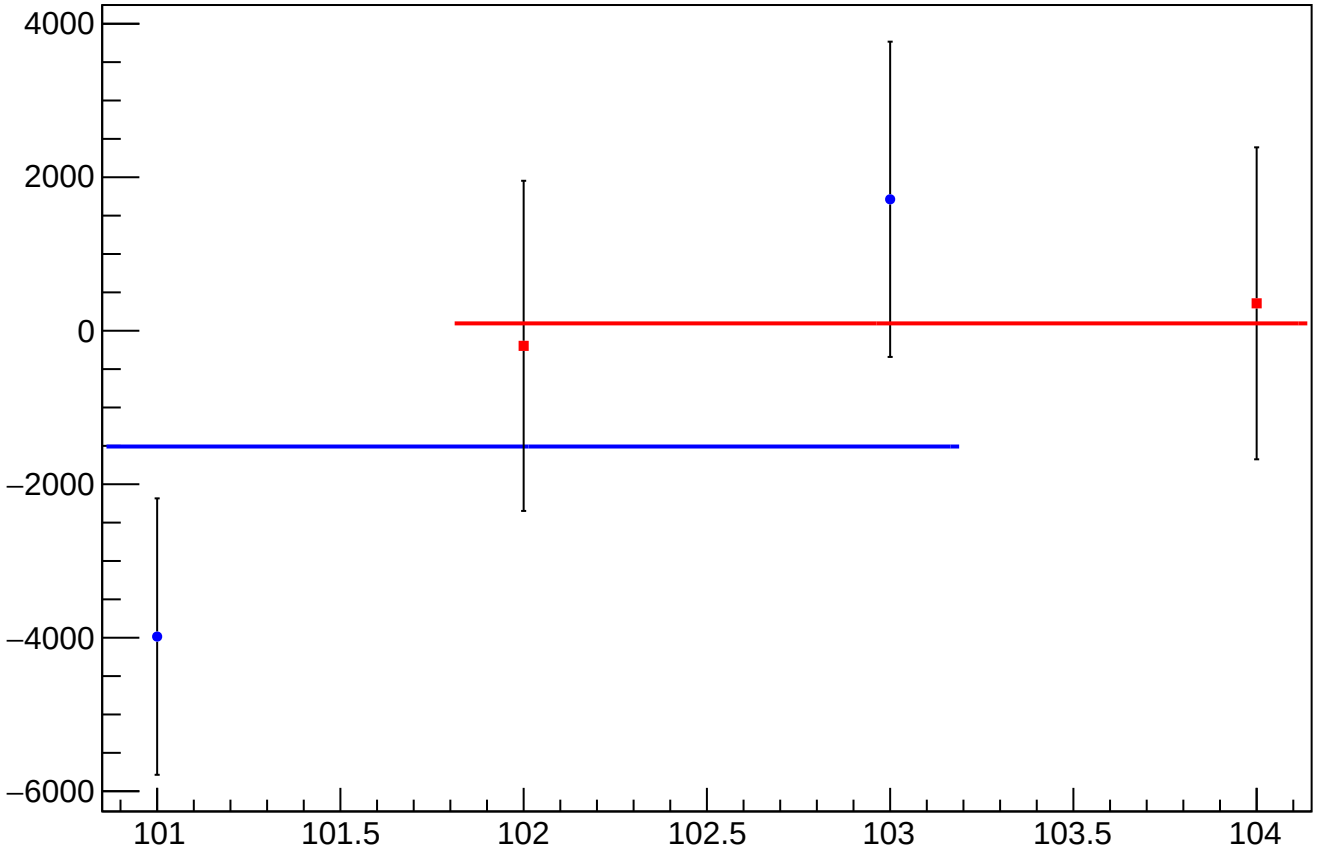
Right: 142.786+/-0.071 χ^2/NDF: 237601.4/3

In: 140.697+/-0.096 χ^2/NDF:114013.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 142.786+/-0.071 χ^2/NDF: 237601.4/3

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -1508.534+/-1354.152 χ^2/NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 95.810+/-1477.311 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

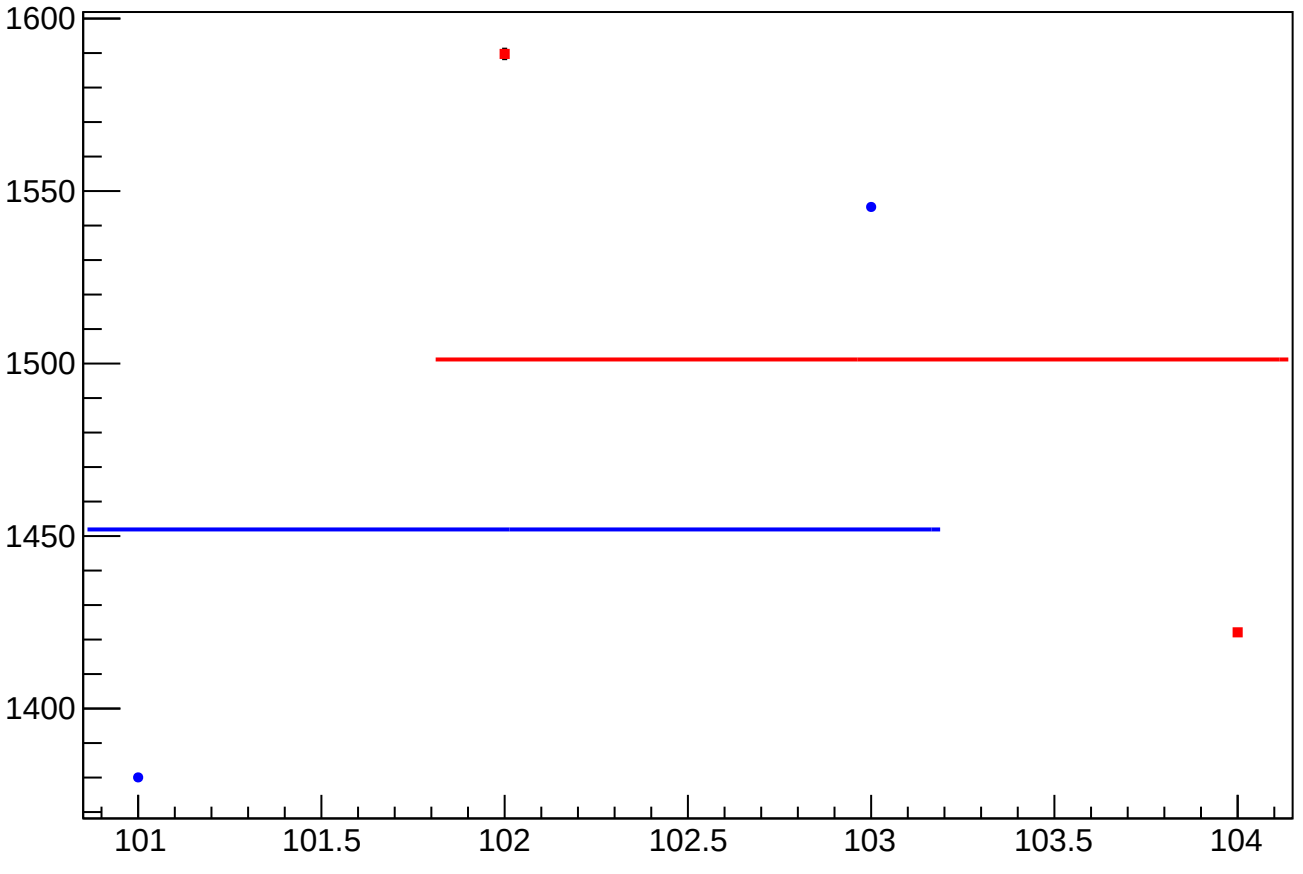
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -776.014+/-998.235 χ^2/NDF: 5.0/3

In: -1508.534+/-1354.152 χ^2/NDF:4.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -776.014+/-998.235 χ^2/NDF: 5.0/3



Right In: 1451.915+/-0.958 χ^2/NDF: 7327.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1501.182+/-1.045 χ^2/NDF: 6419.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

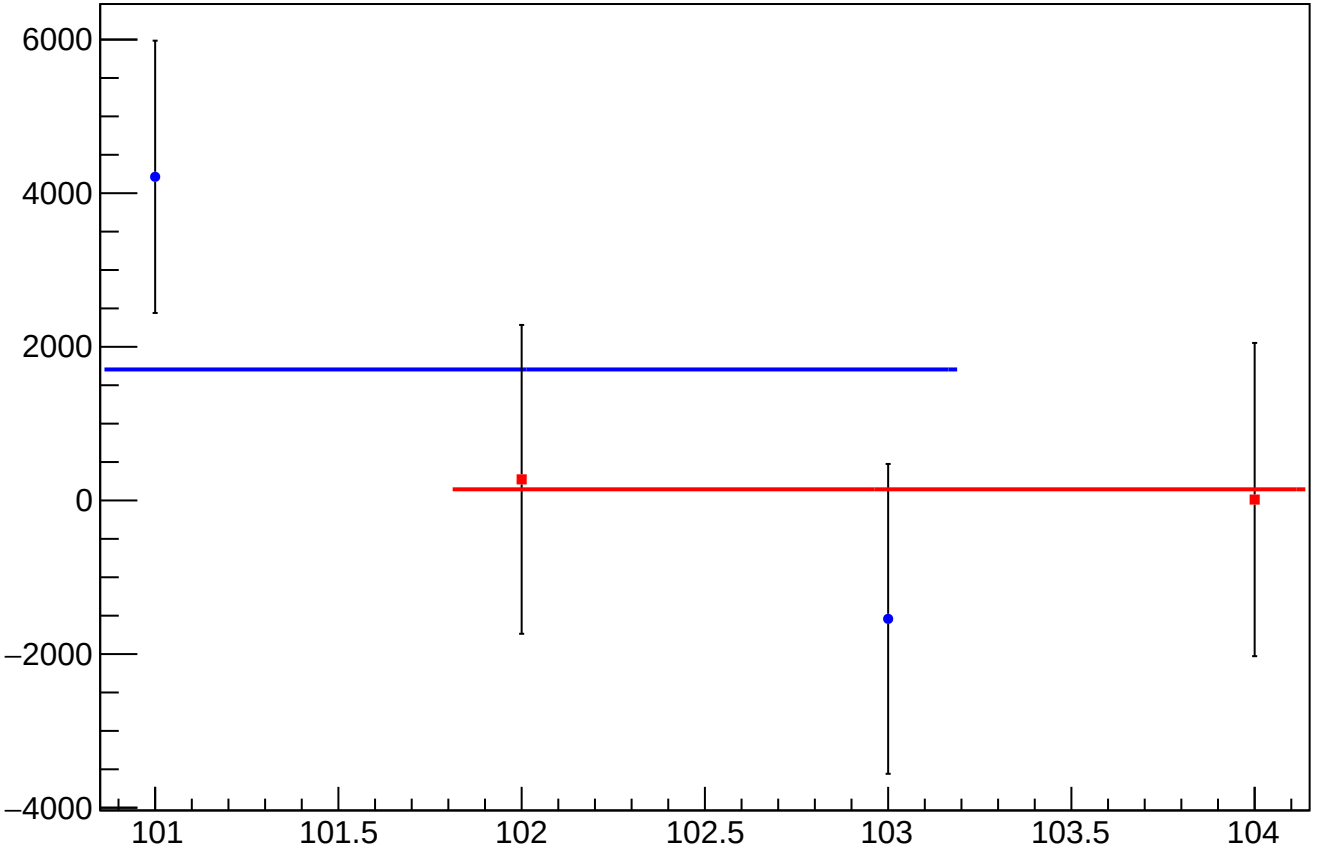
Right: 1474.410+/-0.706 χ^2/NDF: 14955.5/3

In: 1451.915+/-0.958 χ^2/NDF:7327.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1474.410+/-0.706 χ^2/NDF: 14955.5/3

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1705.349+/-1331.407 χ^2/NDF: 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 144.961+/-1431.582 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

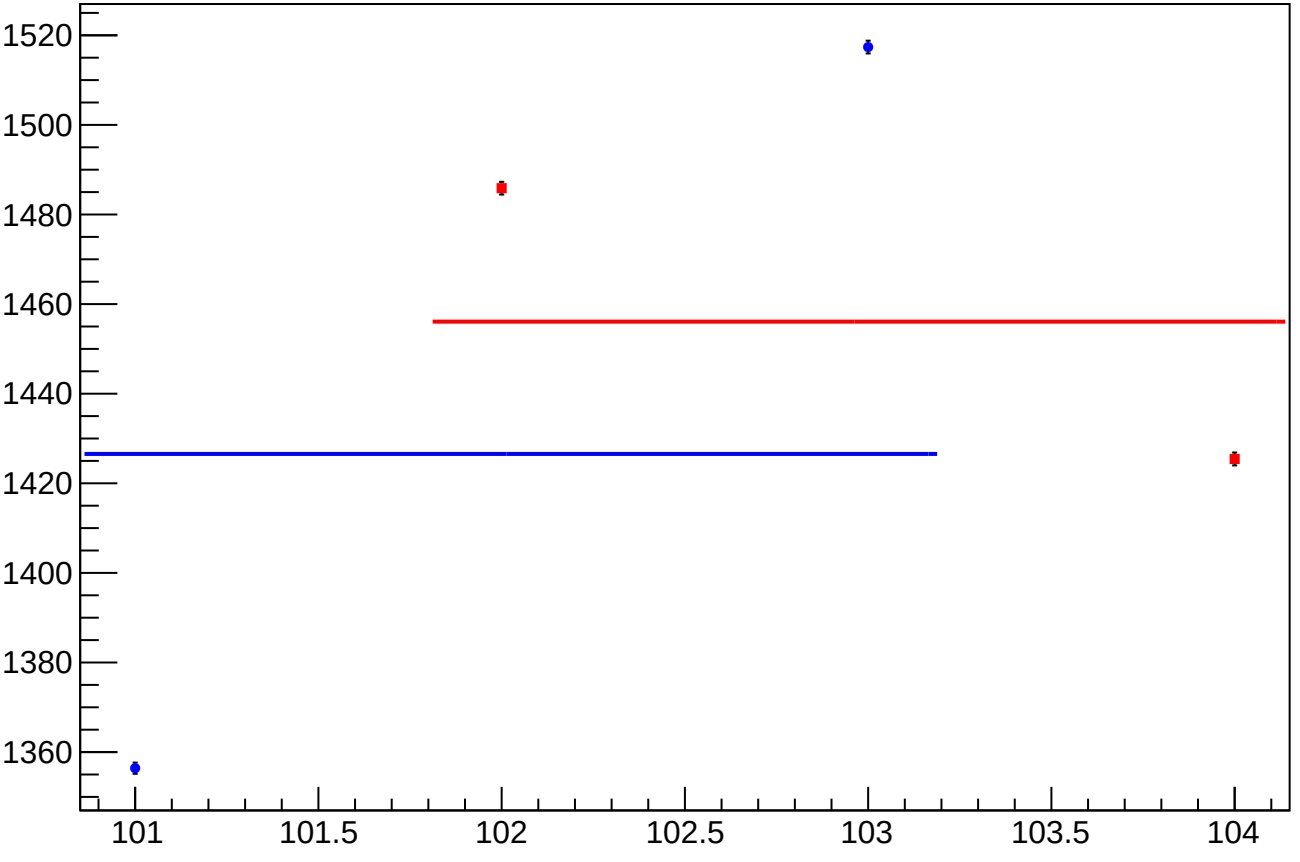
Right: 981.654+/-974.940 χ^2/NDF: 5.2/3

In: 1705.349+/-1331.407 χ^2/NDF:4.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 981.654+/-974.940 χ^2/NDF: 5.2/3

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1426.554+/-0.941 χ^2/NDF: 7187.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1456.082+/-1.012 χ^2/NDF: 891.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

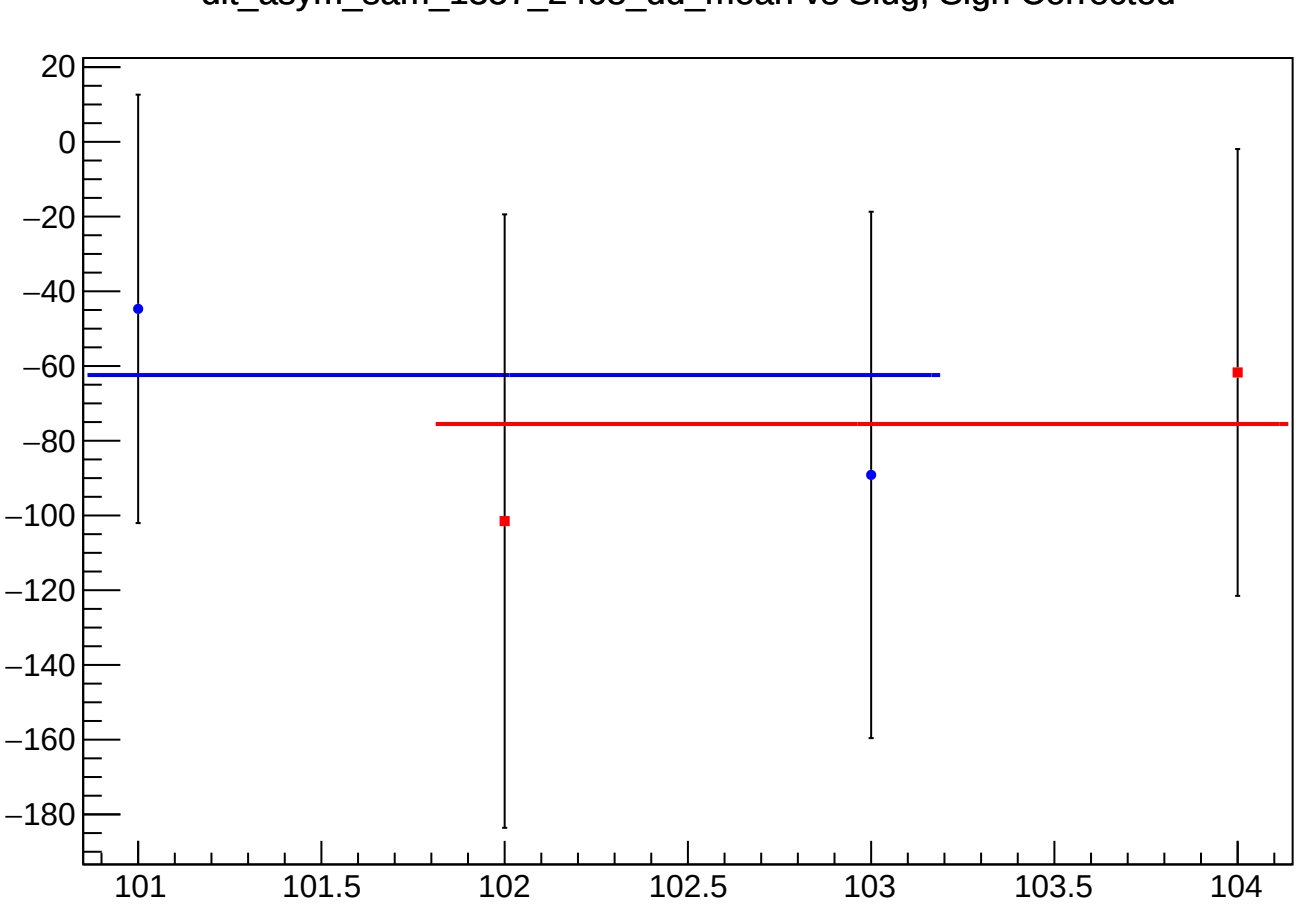
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1440.249+/-0.689 χ^2/NDF: 8535.1/3

In: 1426.554+/-0.941 χ^2/NDF:7187.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1440.249+/-0.689 χ^2/NDF: 8535.1/3



Right In: -62.412+/-44.465 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -75.511+/-48.333 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

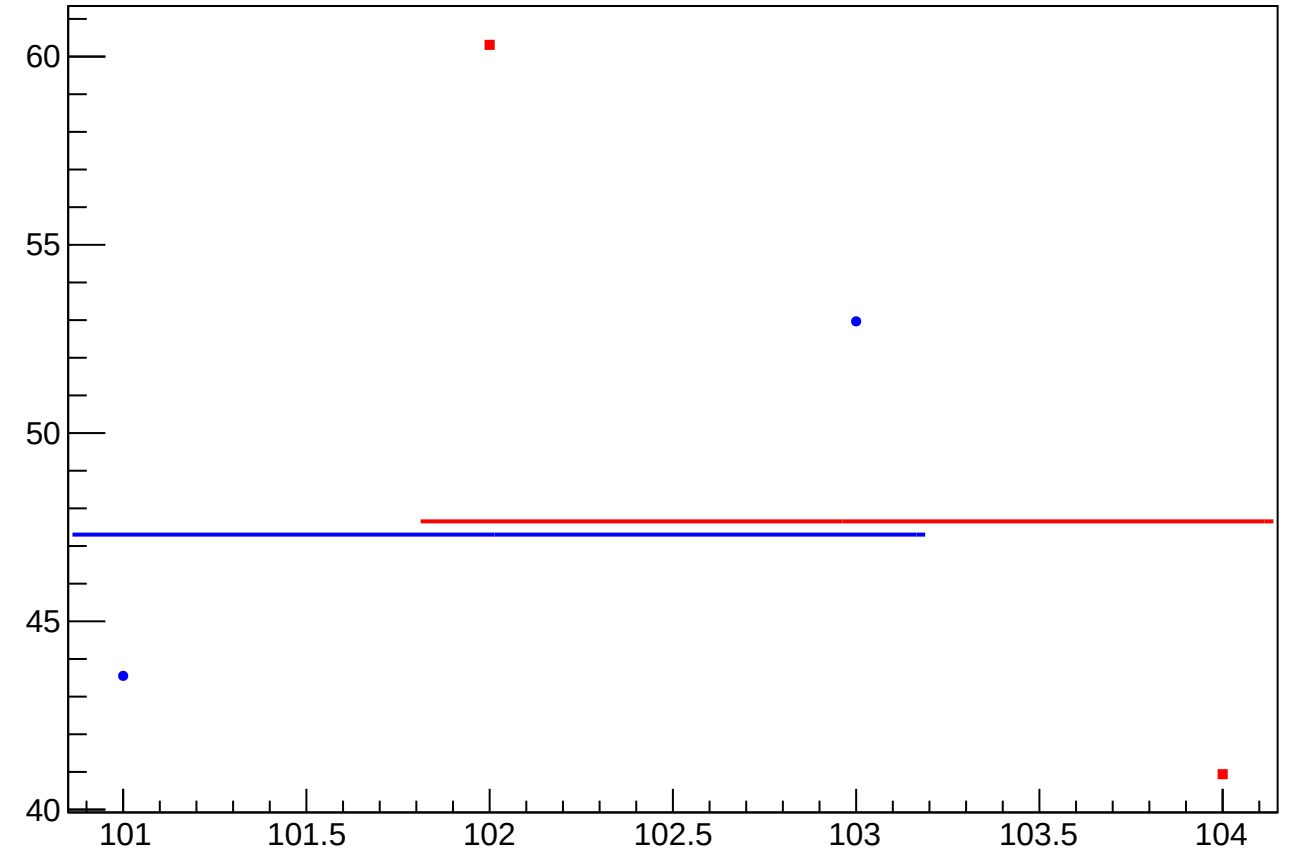
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -68.416+/-32.724 χ^2/NDF: 0.4/3

In: -62.412+/-44.465 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -68.416+/-32.724 χ^2/NDF: 0.4/3



Right In: 47.303+/-0.031 χ^2/NDF: 21496.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 47.655+/-0.034 χ^2/NDF: 72768.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

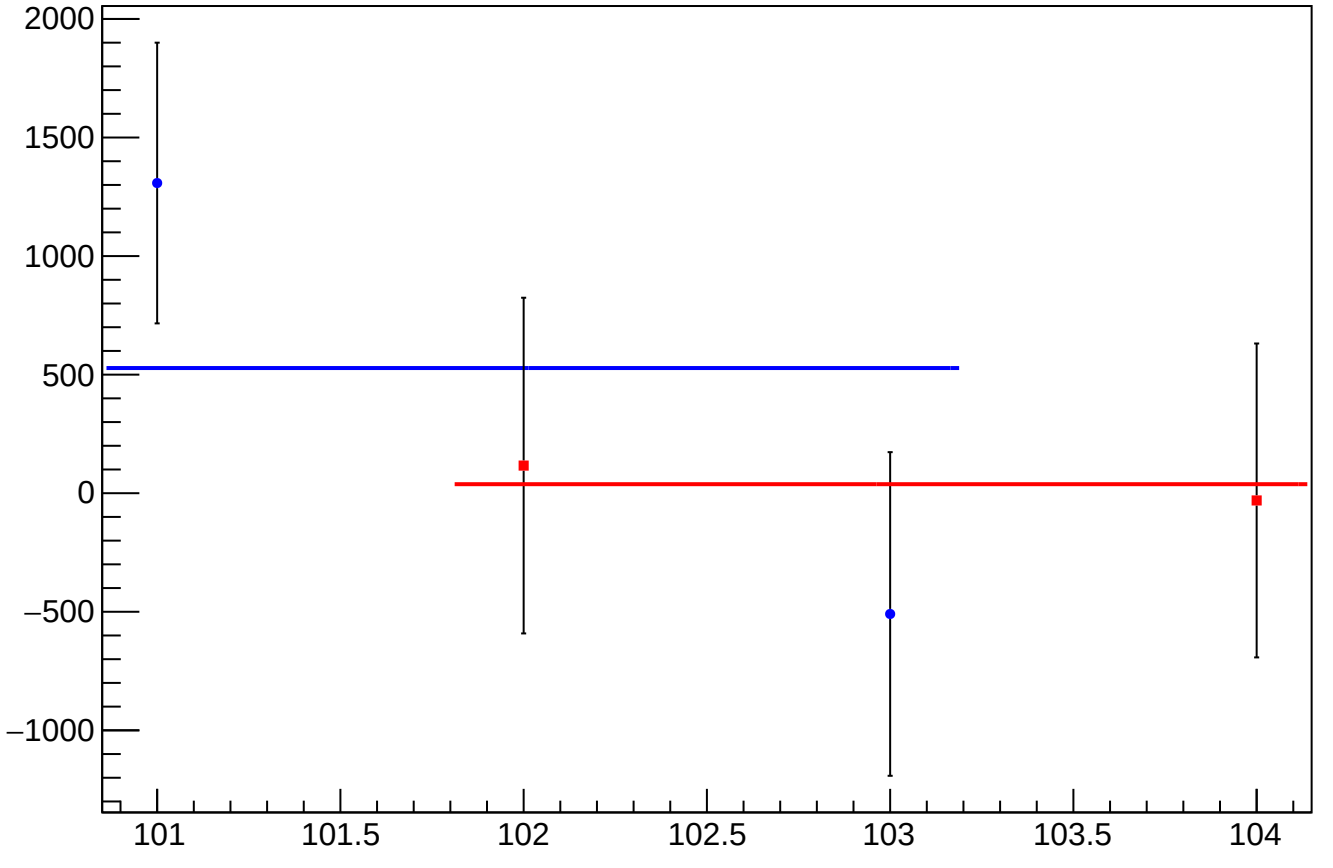
Right: 47.464+/-0.023 χ^2/NDF: 94322.8/3

In: 47.303+/-0.031 χ^2/NDF:21496.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 47.464+/-0.023 χ^2/NDF: 94322.8/3

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 527.856+/-447.157 χ^2/NDF: 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 38.040+/-483.466 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

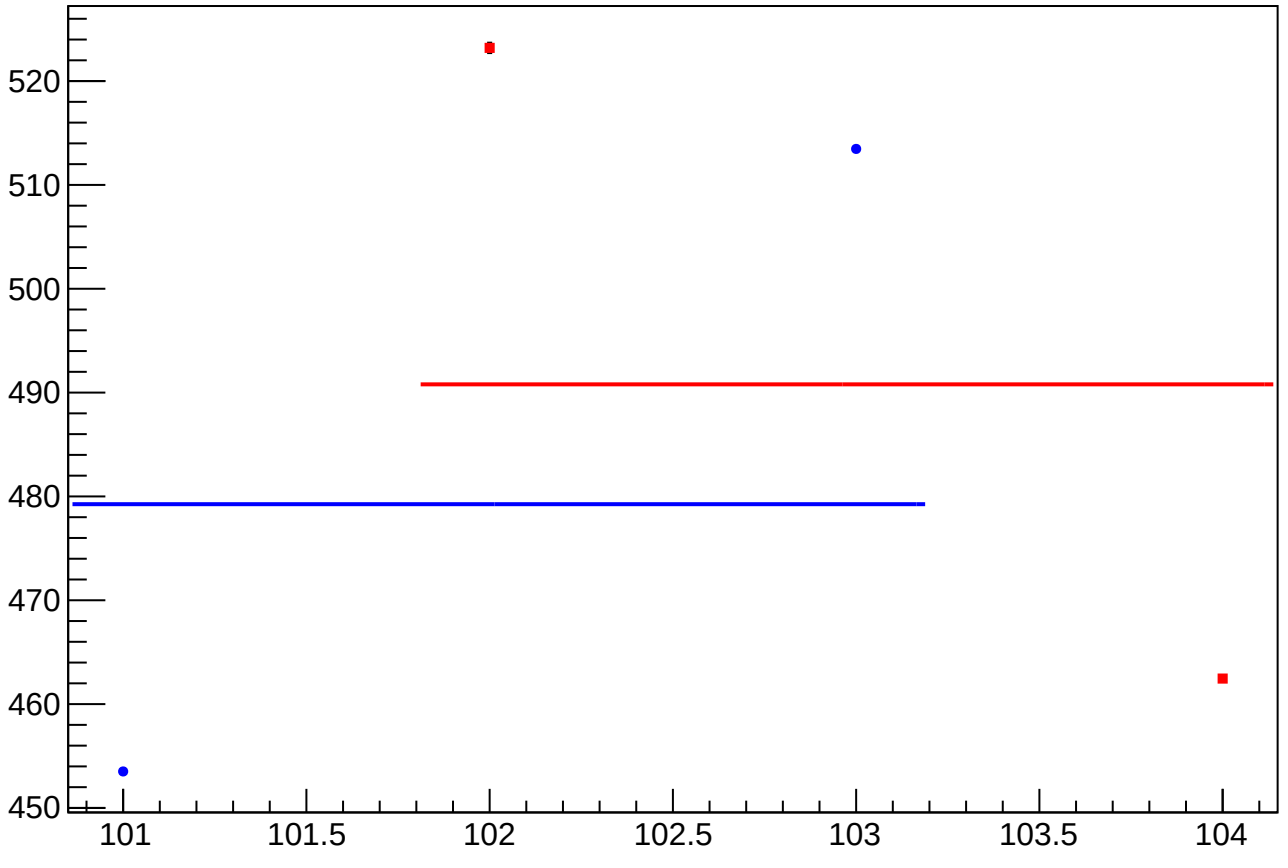
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 302.029+/-328.274 χ^2/NDF: 4.6/3

In: 527.856+/-447.157 χ^2/NDF:4.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 302.029+/-328.274 χ^2/NDF: 4.6/3



Right In: 479.253+/-0.316 χ^2/NDF: 8808.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 490.793+/-0.342 χ^2/NDF: 7856.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

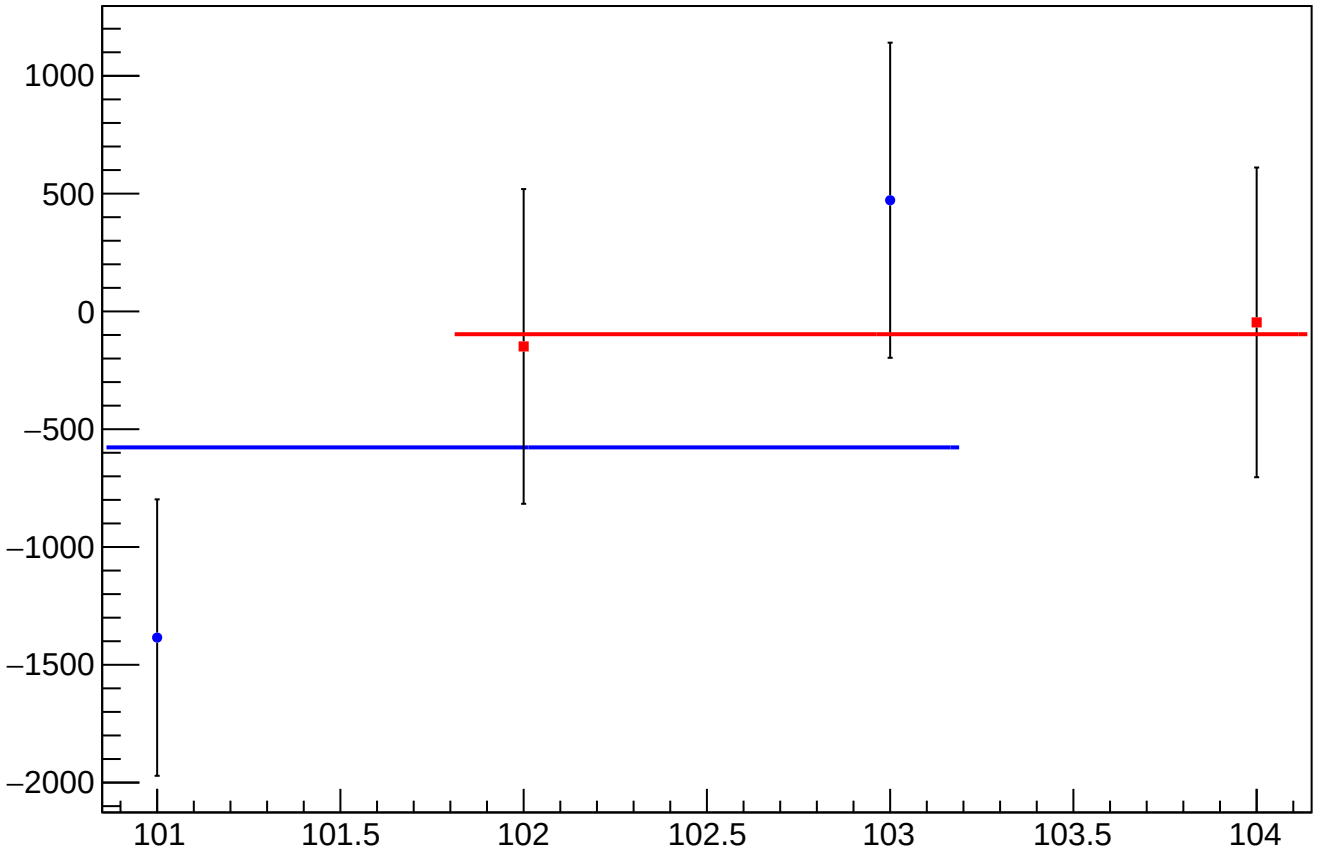
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 484.574+/-0.232 χ^2/NDF: 17279.4/3

In: 479.253+/-0.316 χ^2/NDF:8808.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 484.574+/-0.232 χ^2/NDF: 17279.4/3



Right In: -577.122+/-441.066 χ^2/NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -96.736+/-468.542 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

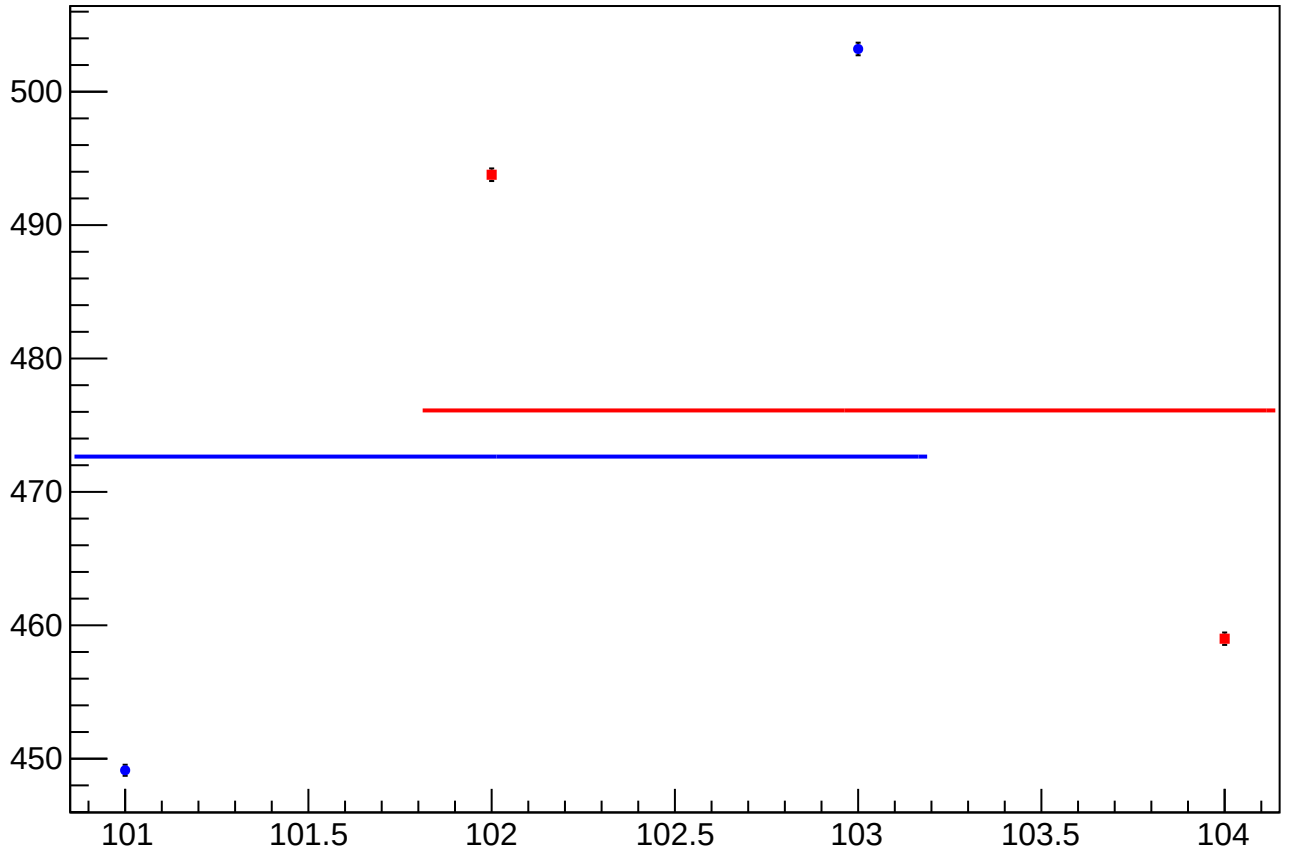
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -351.427+/-321.155 χ^2/NDF: 4.9/3

In: -577.122+/-441.066 χ^2/NDF:4.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -351.427+/-321.155 χ^2/NDF: 4.9/3



Right In: 472.648+/-0.312 χ^2/NDF: 7386.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 476.107+/-0.331 χ^2/NDF: 2754.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

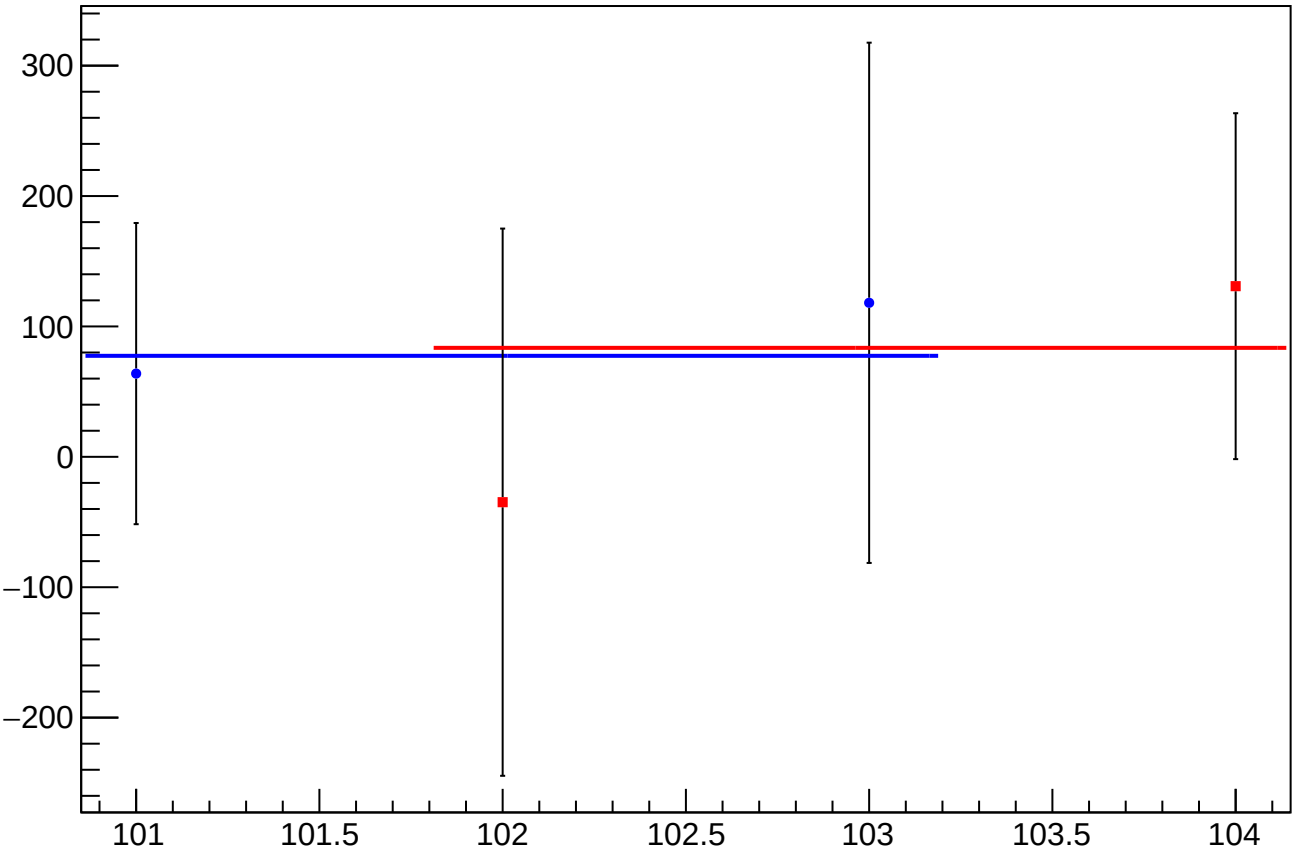
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 474.273+/-0.227 χ^2/NDF: 10199.0/3

In: 472.648+/-0.312 χ^2/NDF:7386.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 474.273+/-0.227 χ^2/NDF: 10199.0/3



Right In: 77.463+/-99.957 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 83.582+/-112.121 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

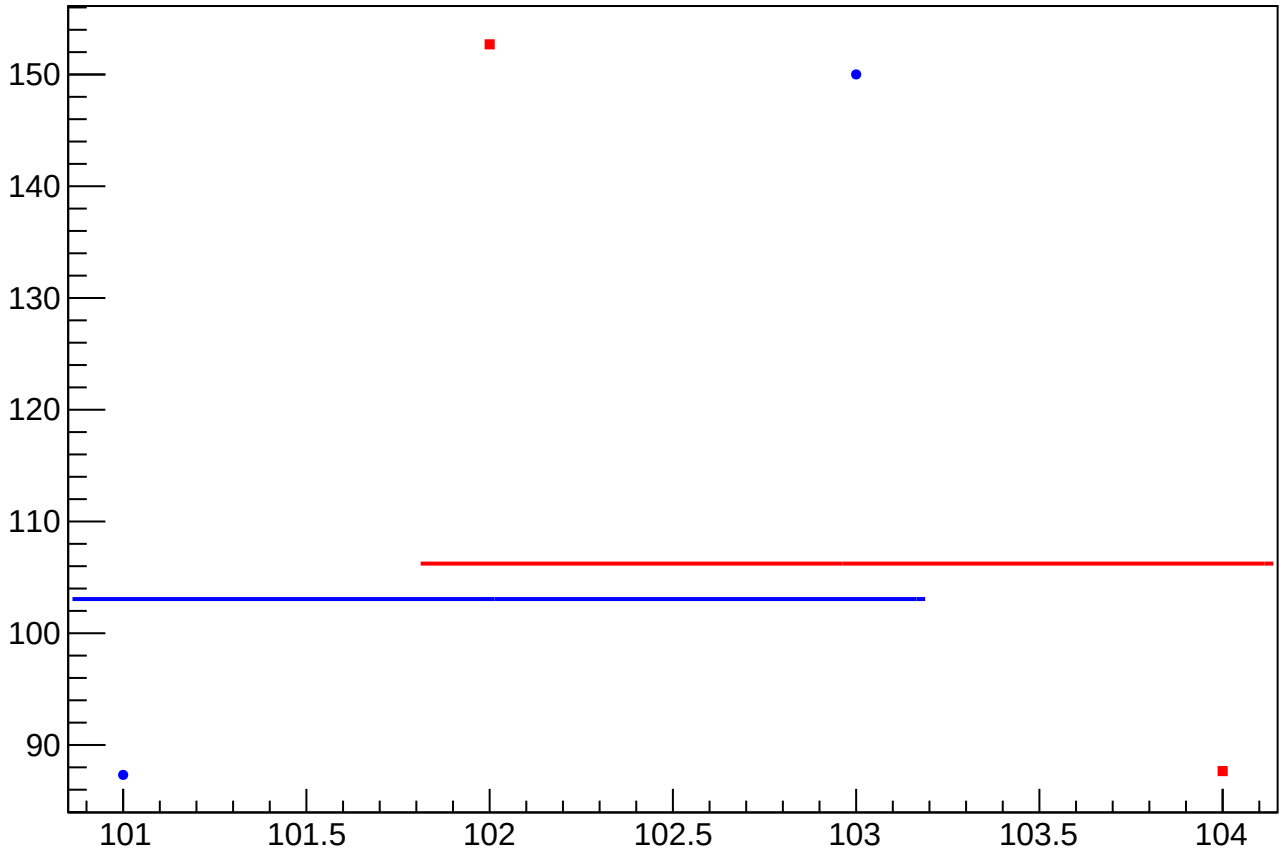
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 80.173+/-74.612 χ^2/NDF: 0.5/3

In: 77.463+/-99.957 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 80.173+/-74.612 χ^2/NDF: 0.5/3



Right In: 103.060+/-0.071 χ^2/NDF: 147866.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 106.232+/-0.079 χ^2/NDF: 137258.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

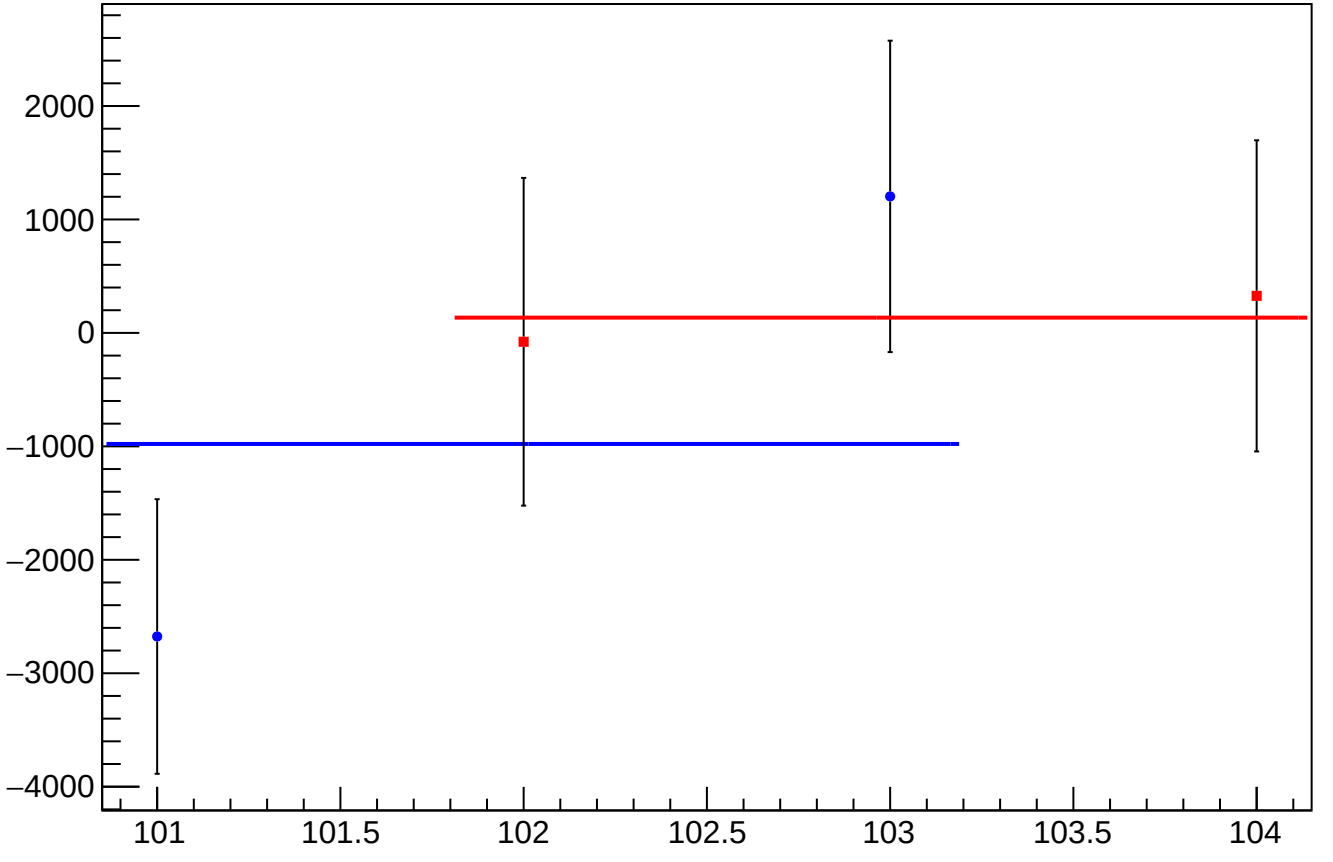
Right: 104.465+/-0.053 χ^2/NDF: 286017.0/3

In: 103.060+/-0.071 χ^2/NDF:147866.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 104.465+/-0.053 χ^2/NDF: 286017.0/3

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -978.817+/-907.799 χ^2/NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 134.677+/-994.453 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

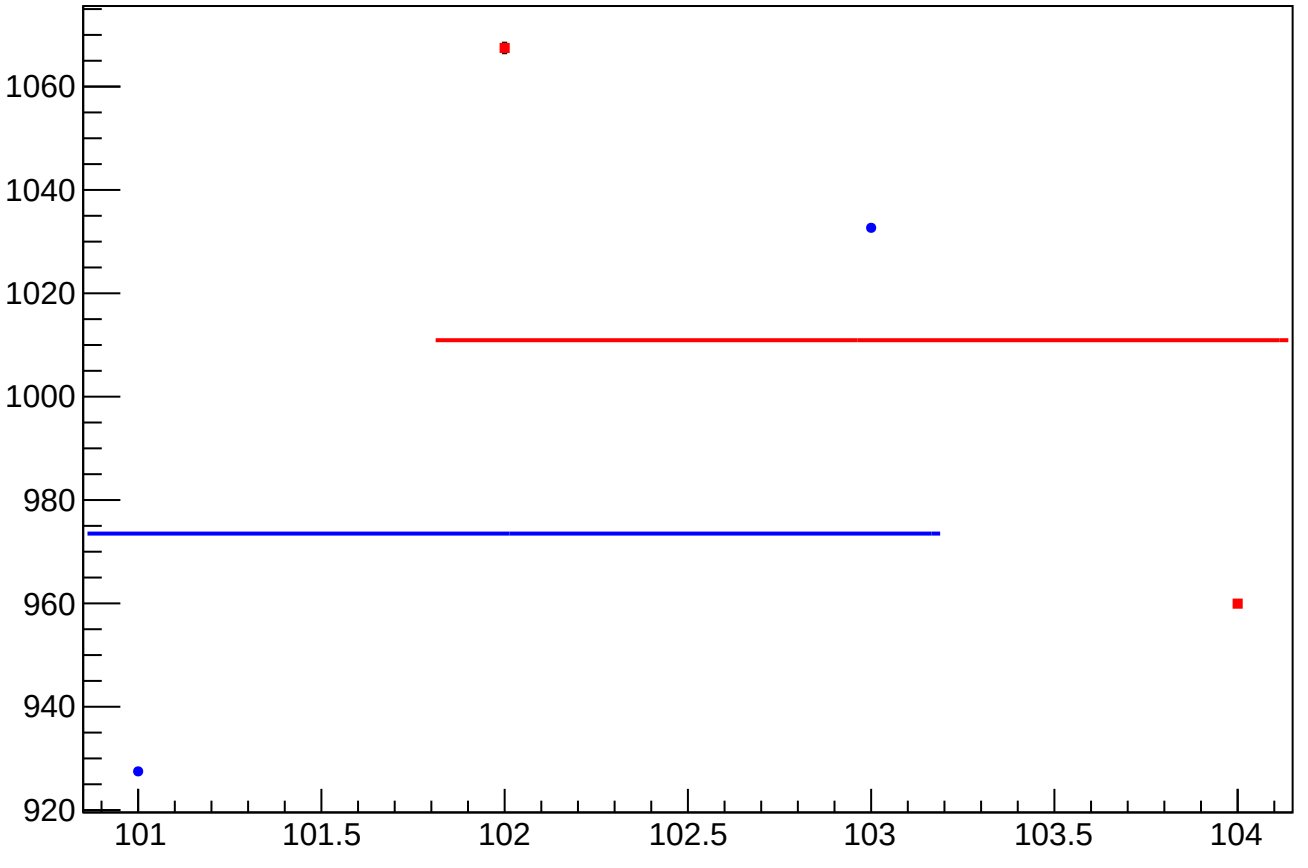
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -472.688+/-670.457 χ^2/NDF: 5.2/3

In: -978.817+/-907.799 χ^2/NDF:4.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -472.688+/-670.457 χ^2/NDF: 5.2/3



Right In: 973.508+/-0.642 χ^2/NDF: 6607.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1010.925+/-0.703 χ^2/NDF: 5830.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

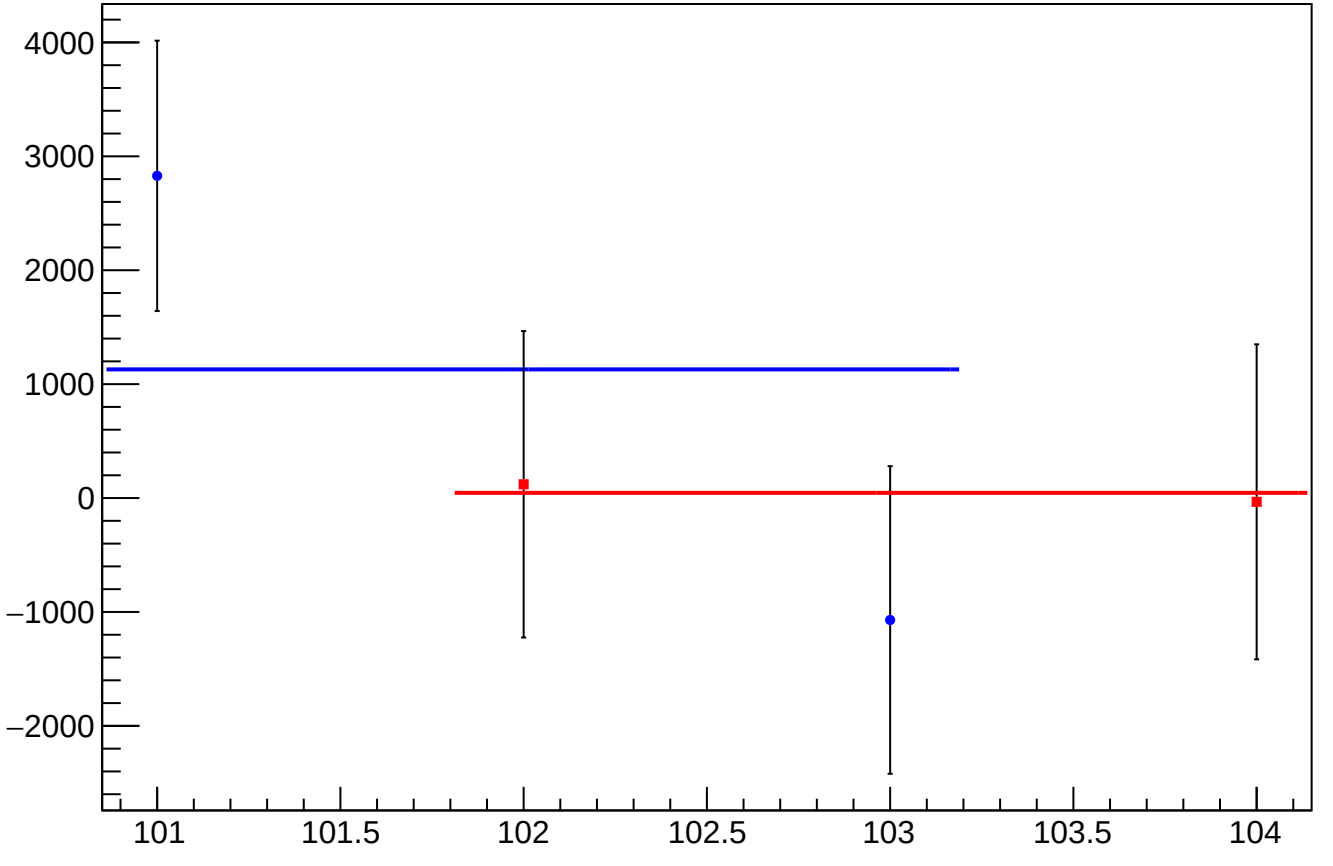
Right: 990.515+/-0.474 χ^2/NDF: 13981.6/3

In: 973.508+/-0.642 χ^2/NDF:6607.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 990.515+/-0.474 χ^2/NDF: 13981.6/3

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 1129.529+/-891.459 χ^2/NDF: 4.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 45.815+/-964.072 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

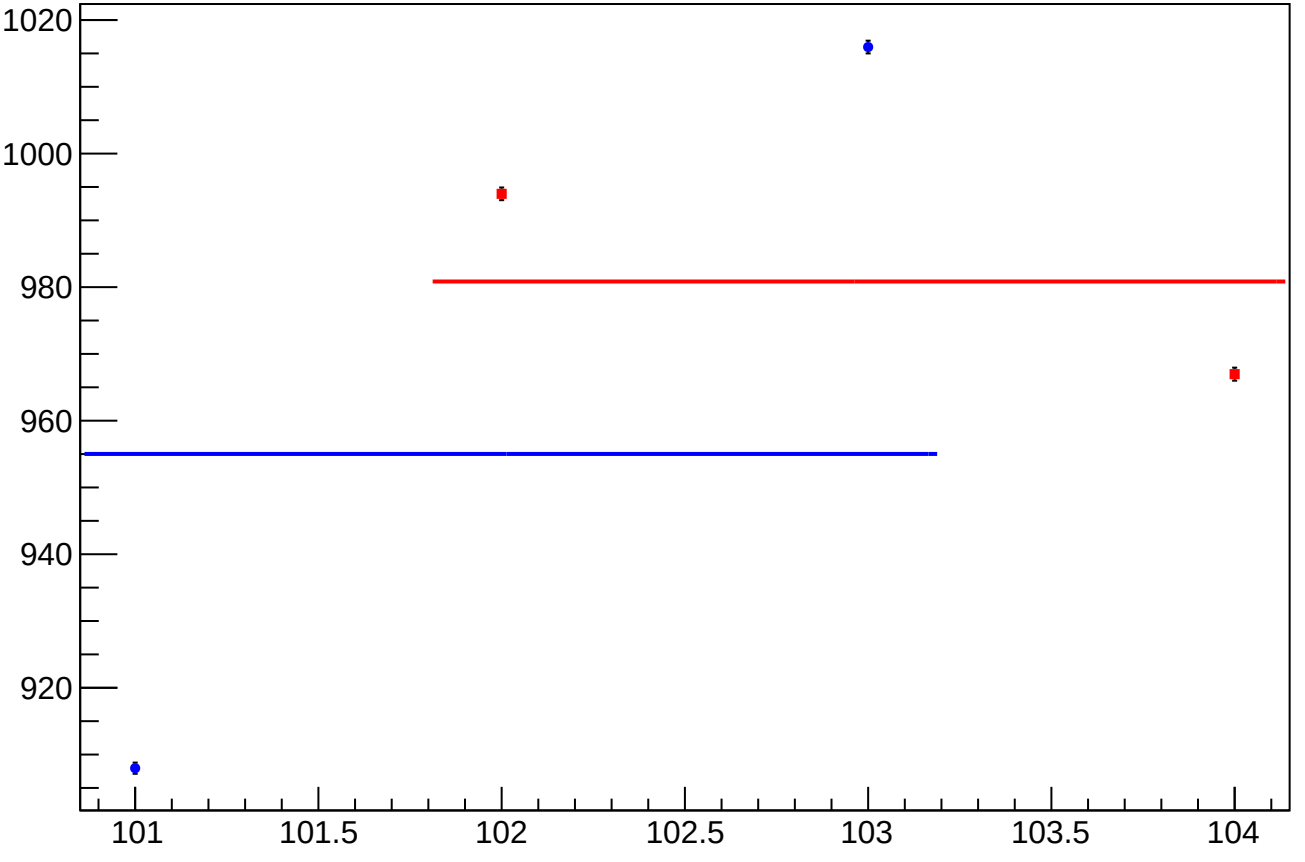
Right: 630.017+/-654.523 χ^2/NDF: 5.4/3

In: 1129.529+/-891.459 χ^2/NDF:4.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 630.017+/-654.523 χ^2/NDF: 5.4/3

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 955.020+/-0.630 χ^2/NDF: 7217.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 980.844+/-0.682 χ^2/NDF: 392.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

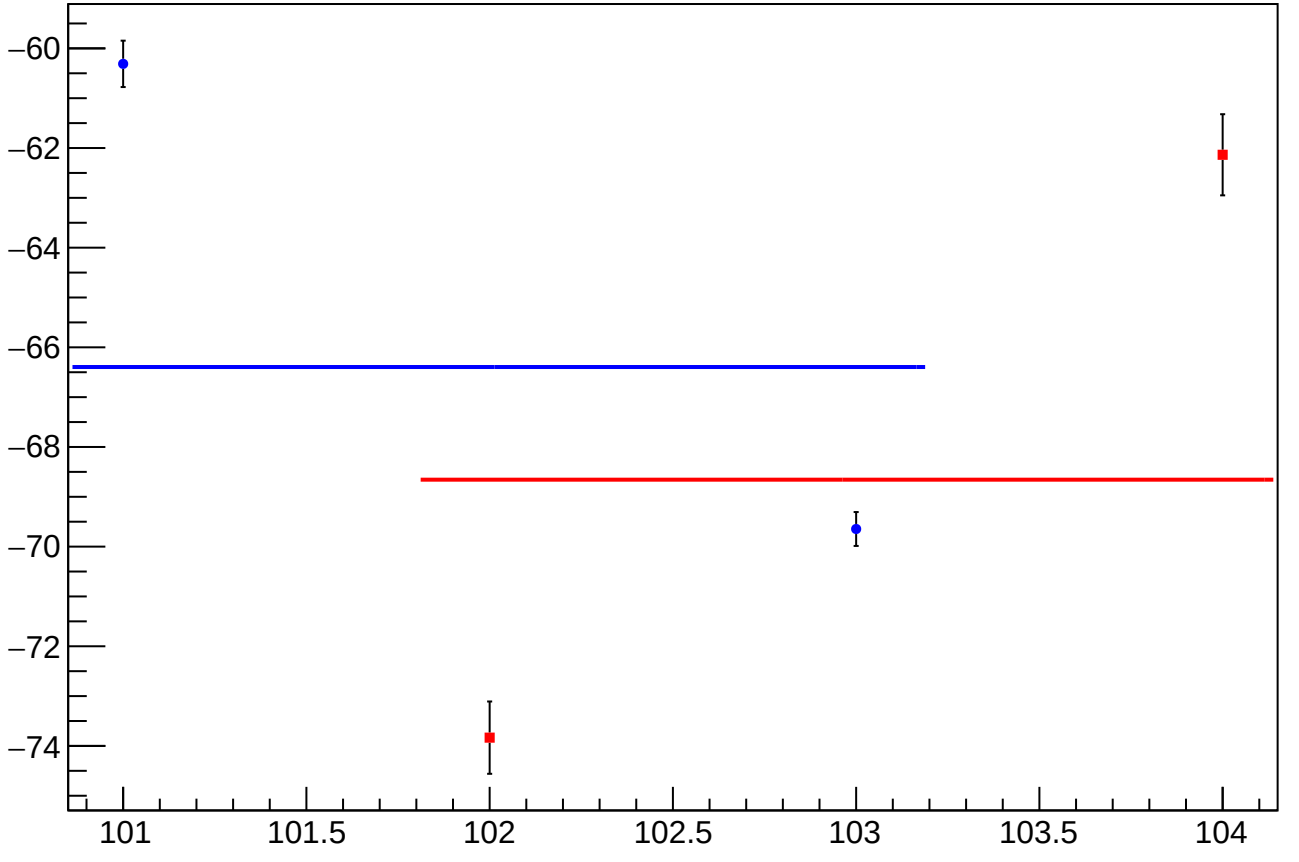
Right: 966.923+/-0.463 χ^2/NDF: 8382.8/3

In: 955.020+/-0.630 χ^2/NDF:7217.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 966.923+/-0.463 χ^2/NDF: 8382.8/3

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -66.395+/-0.275 χ^2/NDF: 262.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -68.656+/-0.542 χ^2/NDF: 115.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

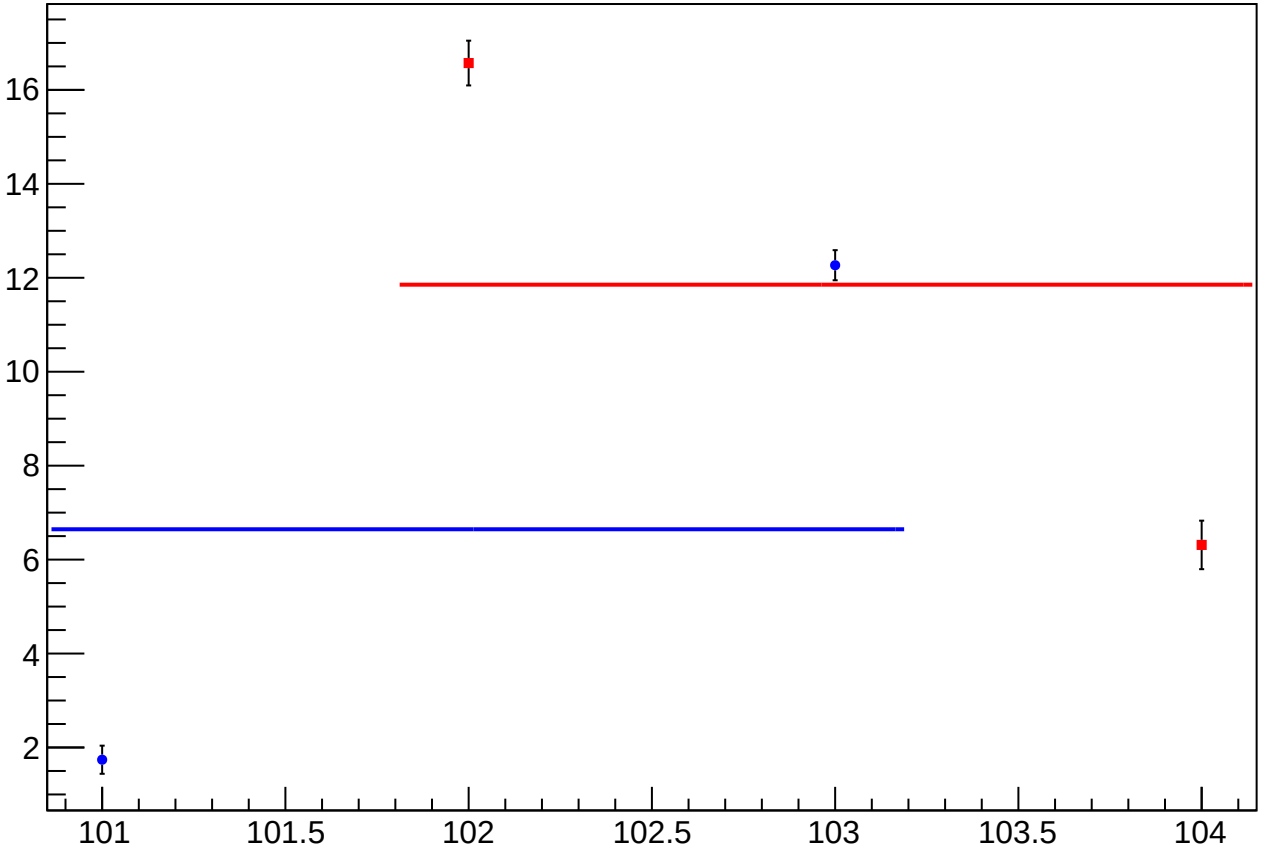
Right: -66.858+/-0.245 χ^2/NDF: 391.1/3

In: -66.395+/-0.275 χ^2/NDF:262.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -66.858+/-0.245 χ^2/NDF: 391.1/3

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 6.646+/-0.219 χ^2/NDF: 575.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.853+/-0.350 χ^2/NDF: 213.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

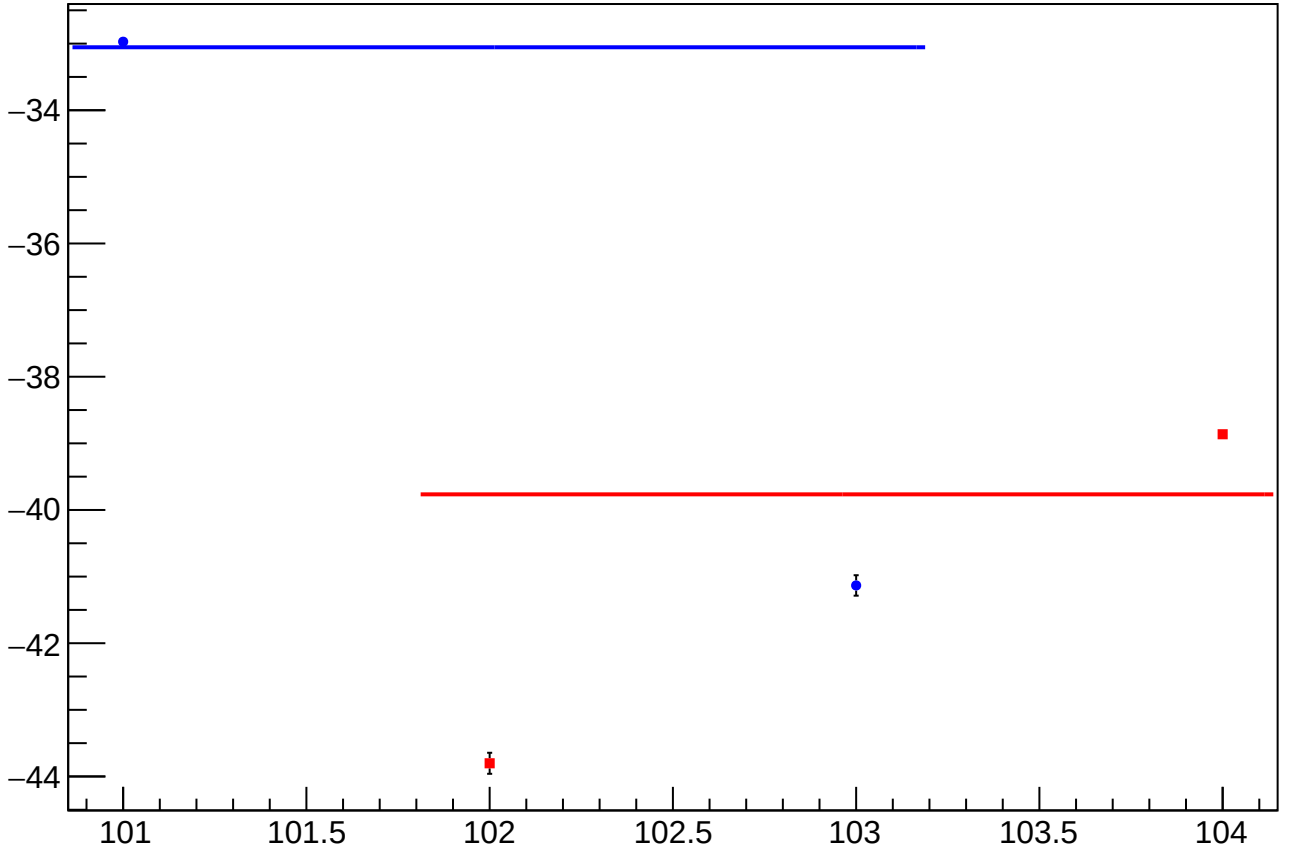
Right: 8.109+/-0.186 χ^2/NDF: 947.9/3

In: 6.646+/-0.219 χ^2/NDF:575.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.109+/-0.186 χ^2/NDF: 947.9/3

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -33.055+/-0.016 χ^2/NDF: 2798.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -39.765+/-0.067 χ^2/NDF: 800.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

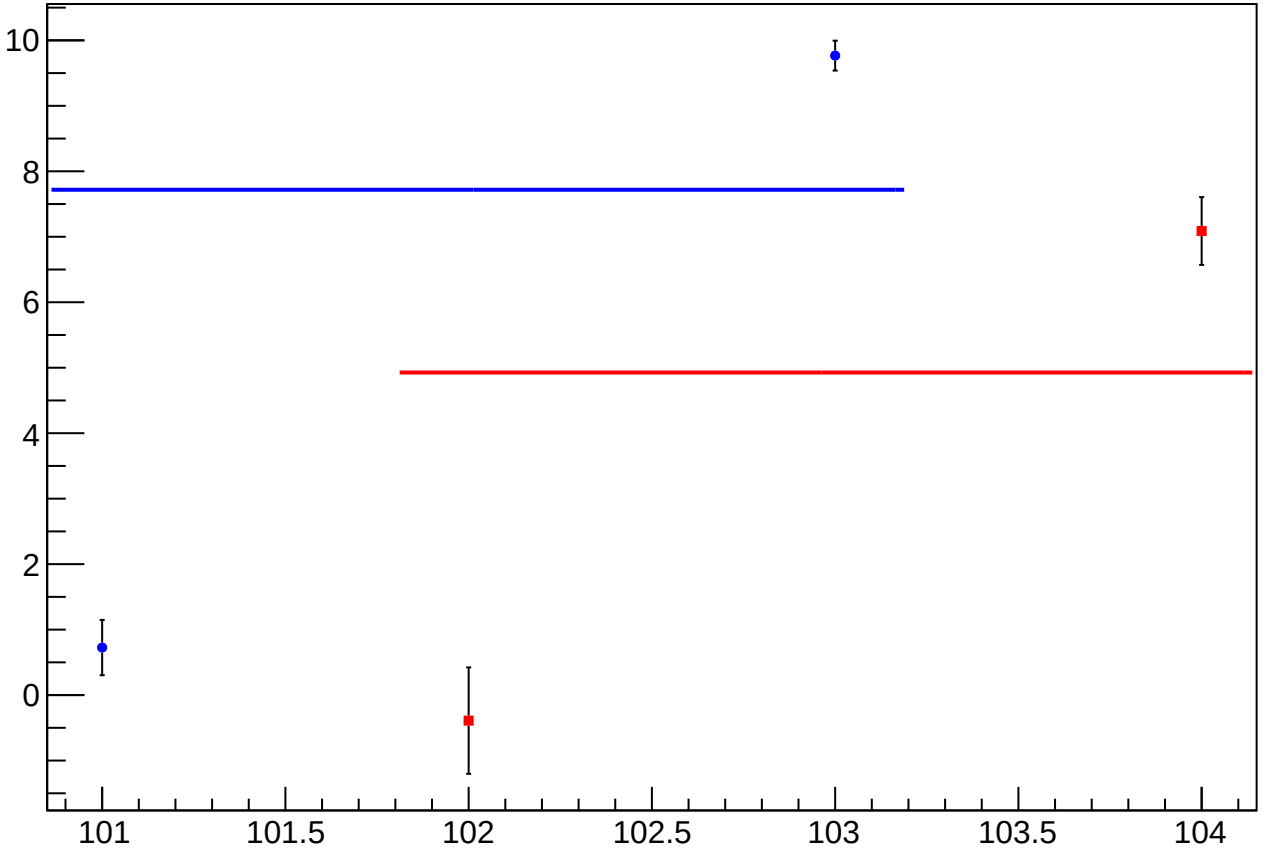
Right: -33.392+/-0.015 χ^2/NDF: 13004.9/3

In: -33.055+/-0.016 χ^2/NDF:2798.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -33.392+/-0.015 χ^2/NDF: 13004.9/3

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: 7.718+/-0.201 χ^2/NDF: 355.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.927+/-0.437 χ^2/NDF: 60.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

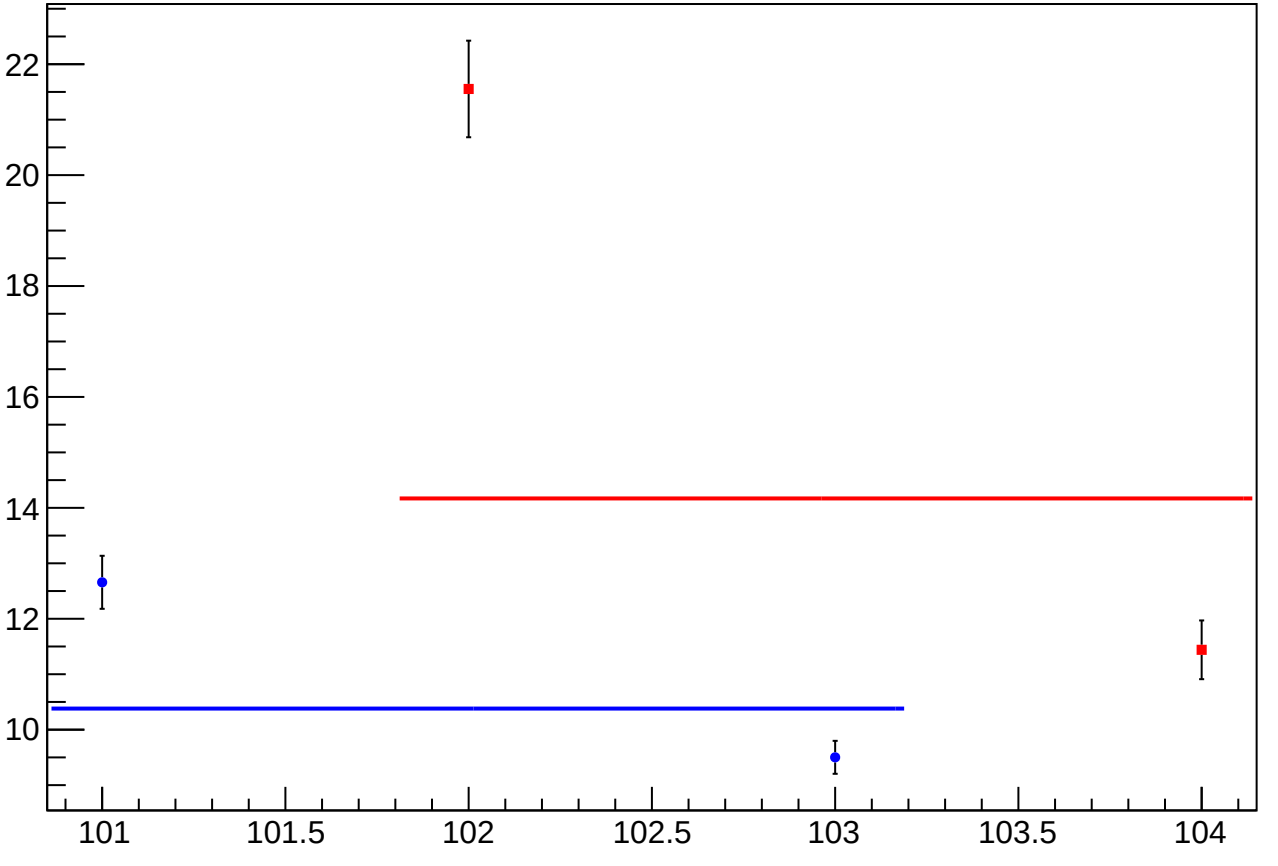
Right: 7.231+/-0.182 χ^2/NDF: 449.0/3

In: 7.718+/-0.201 χ^2/NDF:355.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.231+/-0.182 χ^2/NDF: 449.0/3

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 10.381+/-0.252 χ^2/NDF: 31.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.170+/-0.452 χ^2/NDF: 98.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

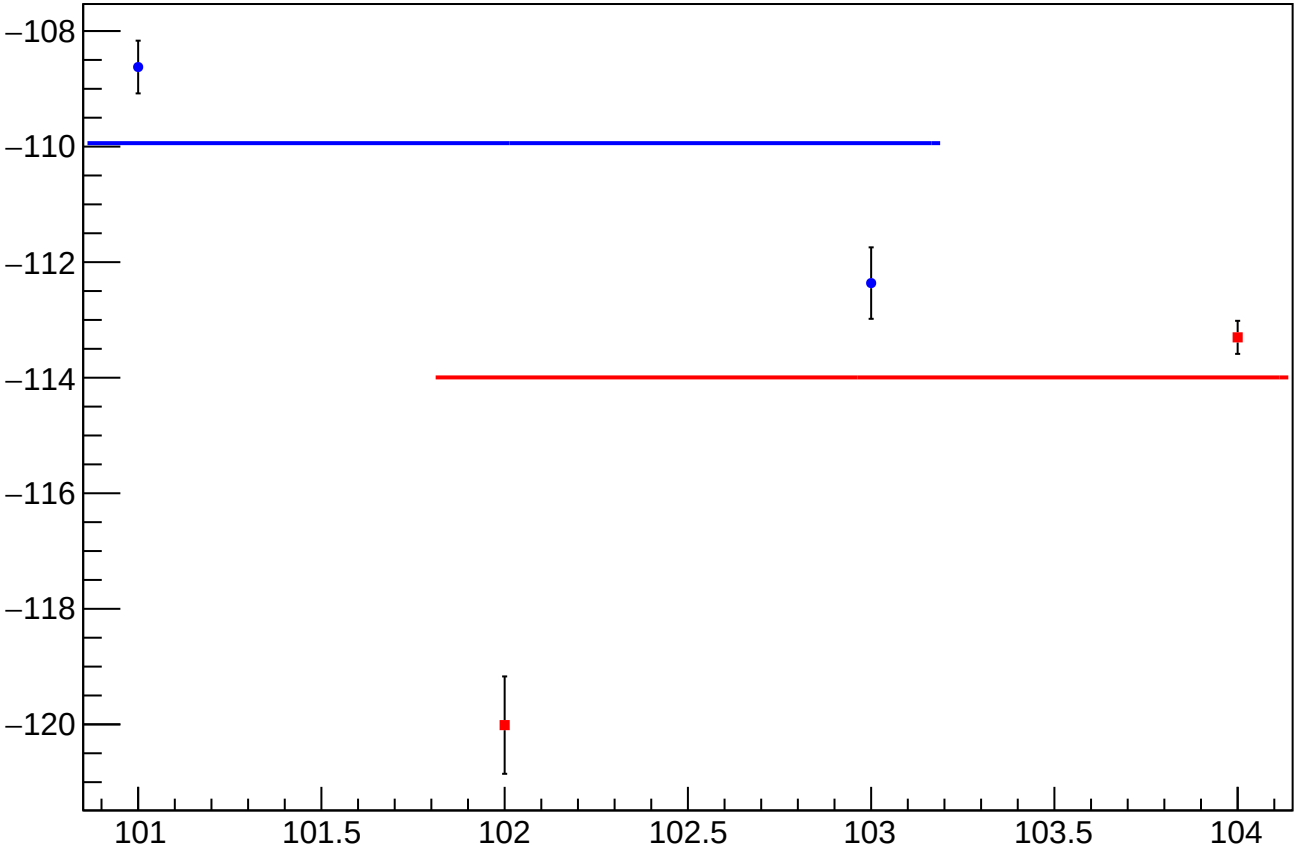
Right: 11.280+/-0.220 χ^2/NDF: 183.4/3

In: 10.381+/-0.252 χ^2/NDF:31.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.280+/-0.220 χ^2/NDF: 183.4/3

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -109.940+/-0.367 χ^2/NDF: 23.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -113.995+/-0.271 χ^2/NDF: 56.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

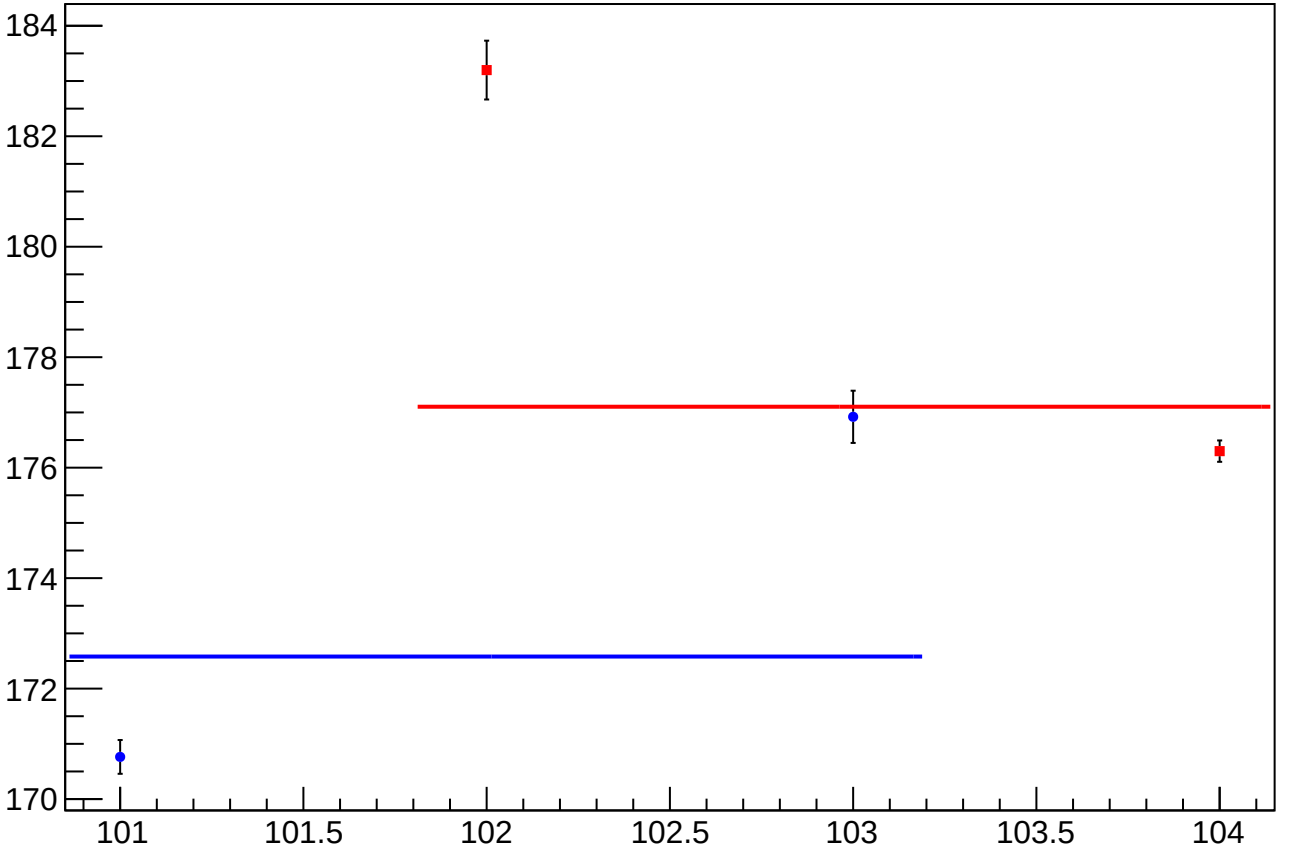
Right: -112.566+/-0.218 χ^2/NDF: 159.5/3

In: -109.940+/-0.367 χ^2/NDF:23.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -112.566+/-0.218 χ^2/NDF: 159.5/3

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 172.581+/-0.257 χ^2/NDF: 119.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 177.103+/-0.182 χ^2/NDF: 148.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

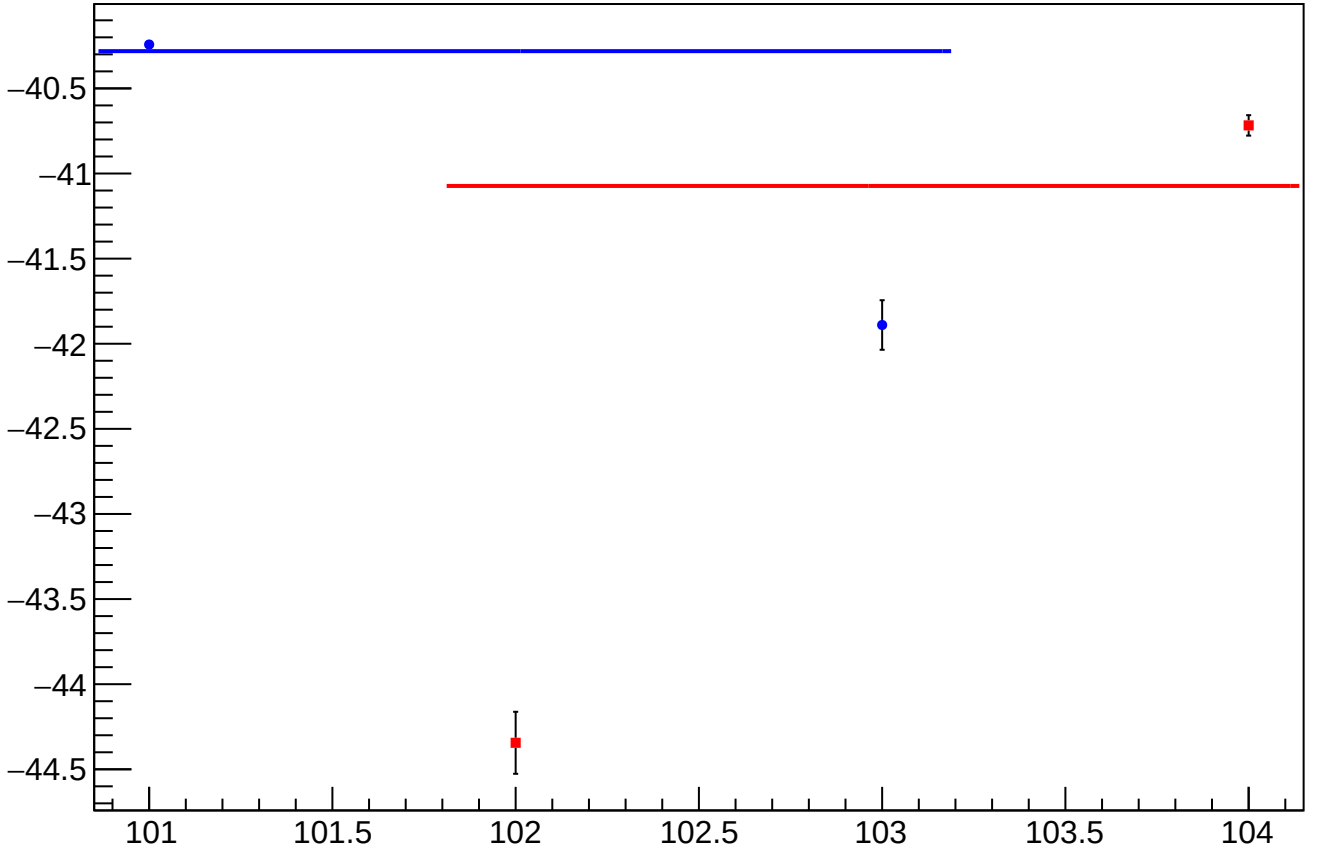
Right: 175.593+/-0.148 χ^2/NDF: 474.6/3

In: 172.581+/-0.257 χ^2/NDF:119.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 175.593+/-0.148 χ^2/NDF: 474.6/3

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -40.281+/-0.022 χ^2/NDF: 125.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -41.073+/-0.057 χ^2/NDF: 357.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

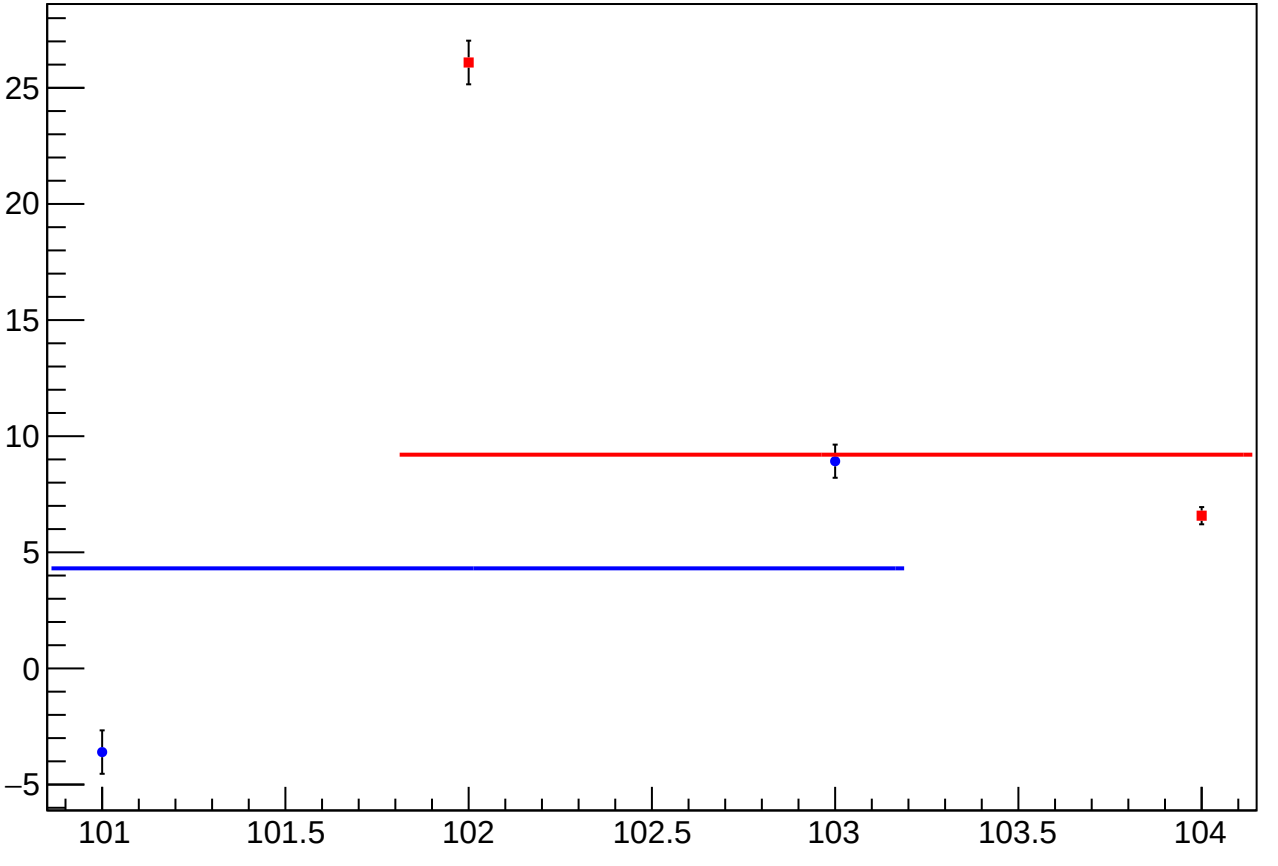
Right: -40.387+/-0.021 χ^2/NDF: 649.8/3

In: -40.281+/-0.022 χ^2/NDF:125.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -40.387+/-0.021 χ^2/NDF: 649.8/3

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 4.310+/-0.568 χ^2/NDF: 113.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.204+/-0.345 χ^2/NDF: 373.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

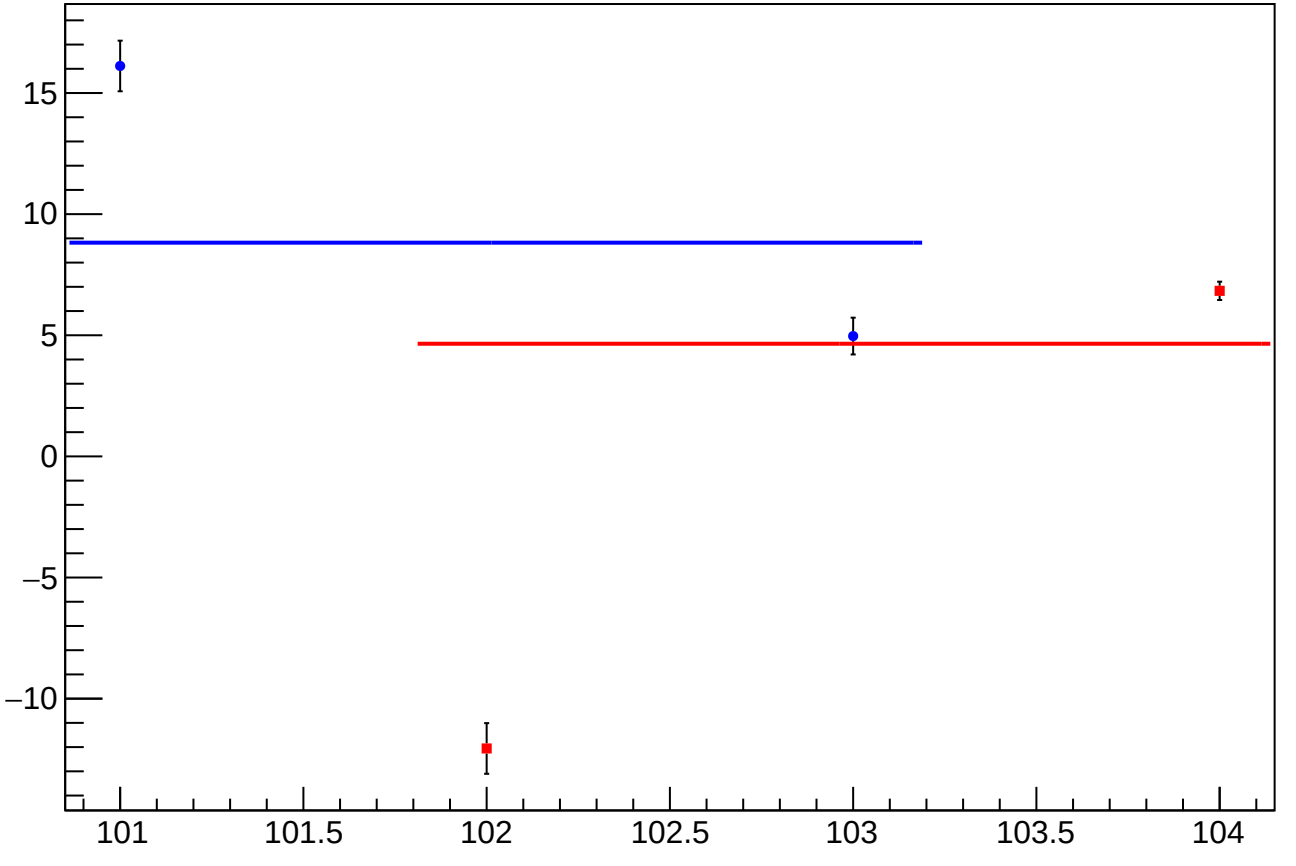
Right: 7.885+/-0.295 χ^2/NDF: 540.8/3

In: 4.310+/-0.568 χ^2/NDF:113.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.885+/-0.295 χ^2/NDF: 540.8/3

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 8.822+/-0.614 χ^2/NDF: 74.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.650+/-0.356 χ^2/NDF: 288.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

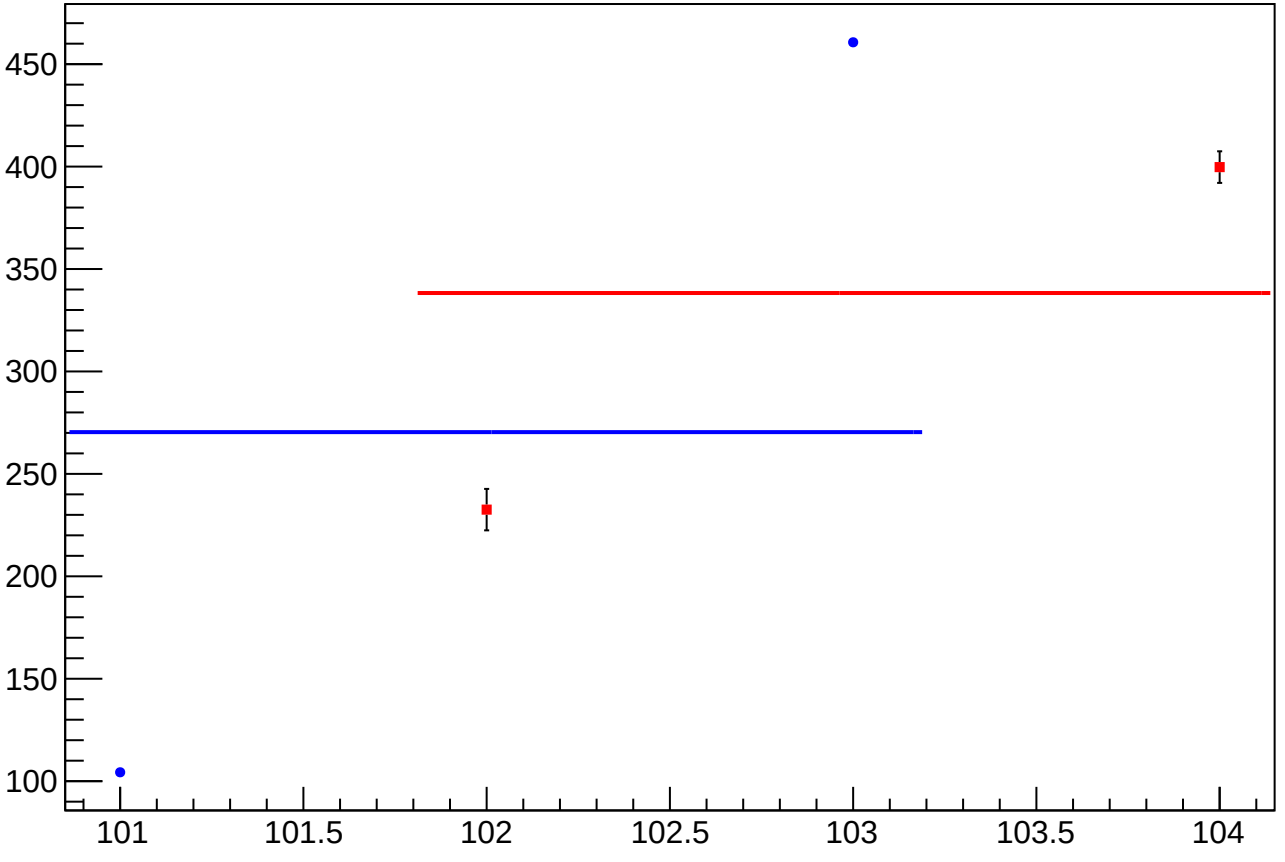
Right: 5.698+/-0.308 χ^2/NDF: 397.7/3

In: 8.822+/-0.614 χ^2/NDF:74.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.698+/-0.308 χ^2/NDF: 397.7/3

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: 270.384+/-0.540 χ^2/NDF: 108383.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 338.287+/-6.133 χ^2/NDF: 172.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

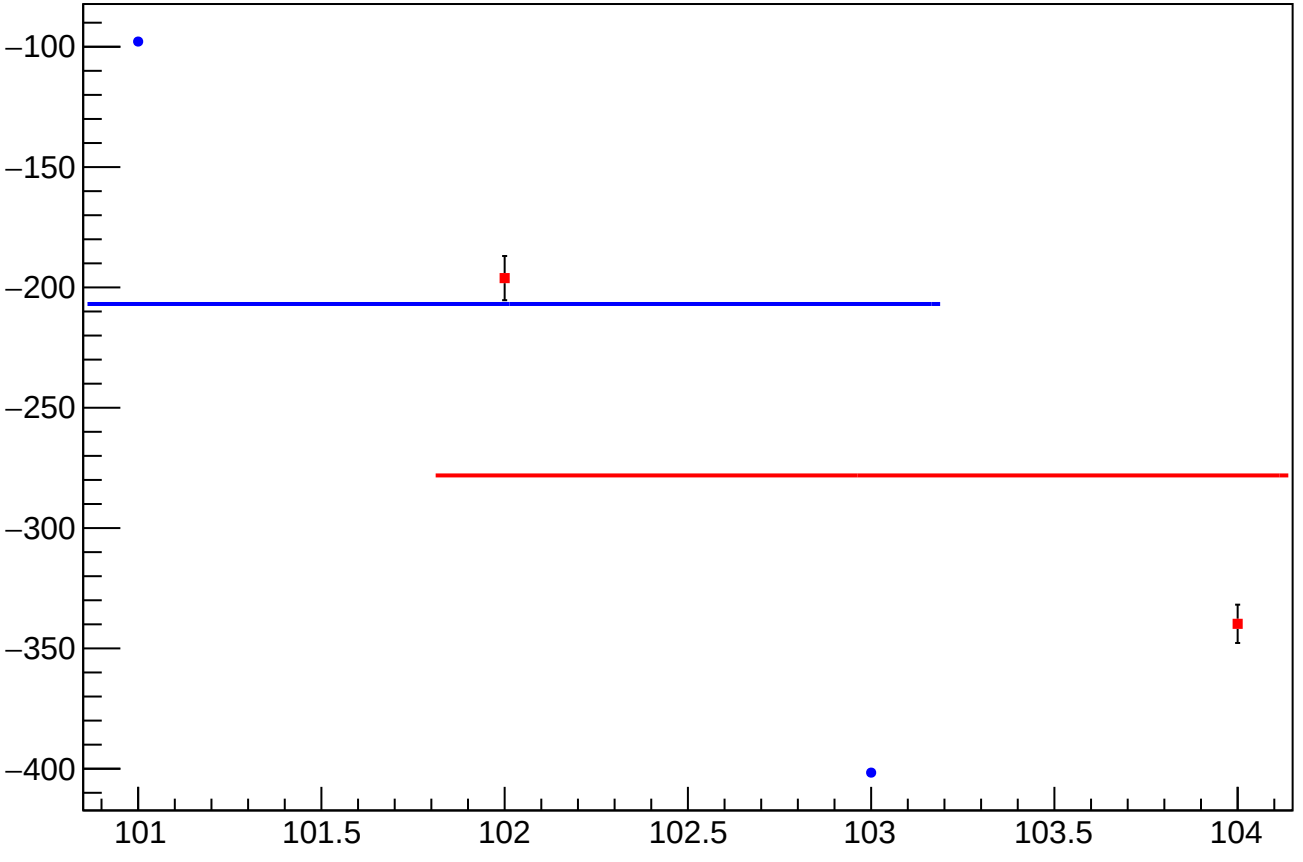
Right: 270.906+/-0.538 χ^2/NDF: 108677.6/3

In: 270.384+/-0.540 χ^2/NDF:108383.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 270.906+/-0.538 χ^2/NDF: 108677.6/3

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: -206.885+/-0.293 χ^2/NDF: 248087.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -278.126+/-6.014 χ^2/NDF: 139.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

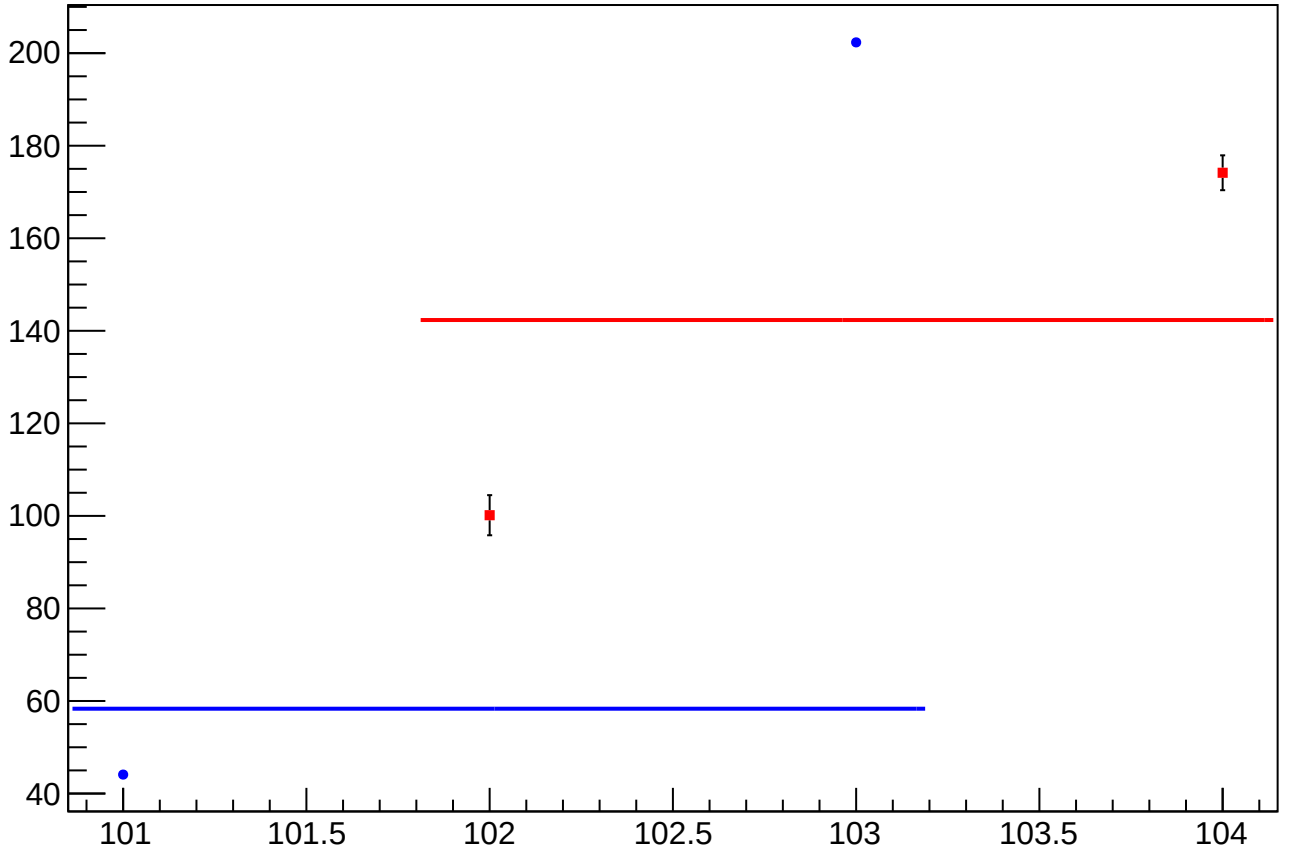
Right: -207.053+/-0.292 χ^2/NDF: 248367.2/3

In: -206.885+/-0.293 χ^2/NDF:248087.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -207.053+/-0.292 χ^2/NDF: 248367.2/3

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 58.333+/-0.045 χ^2/NDF: 1007624.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 142.331+/-2.844 χ^2/NDF: 166.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

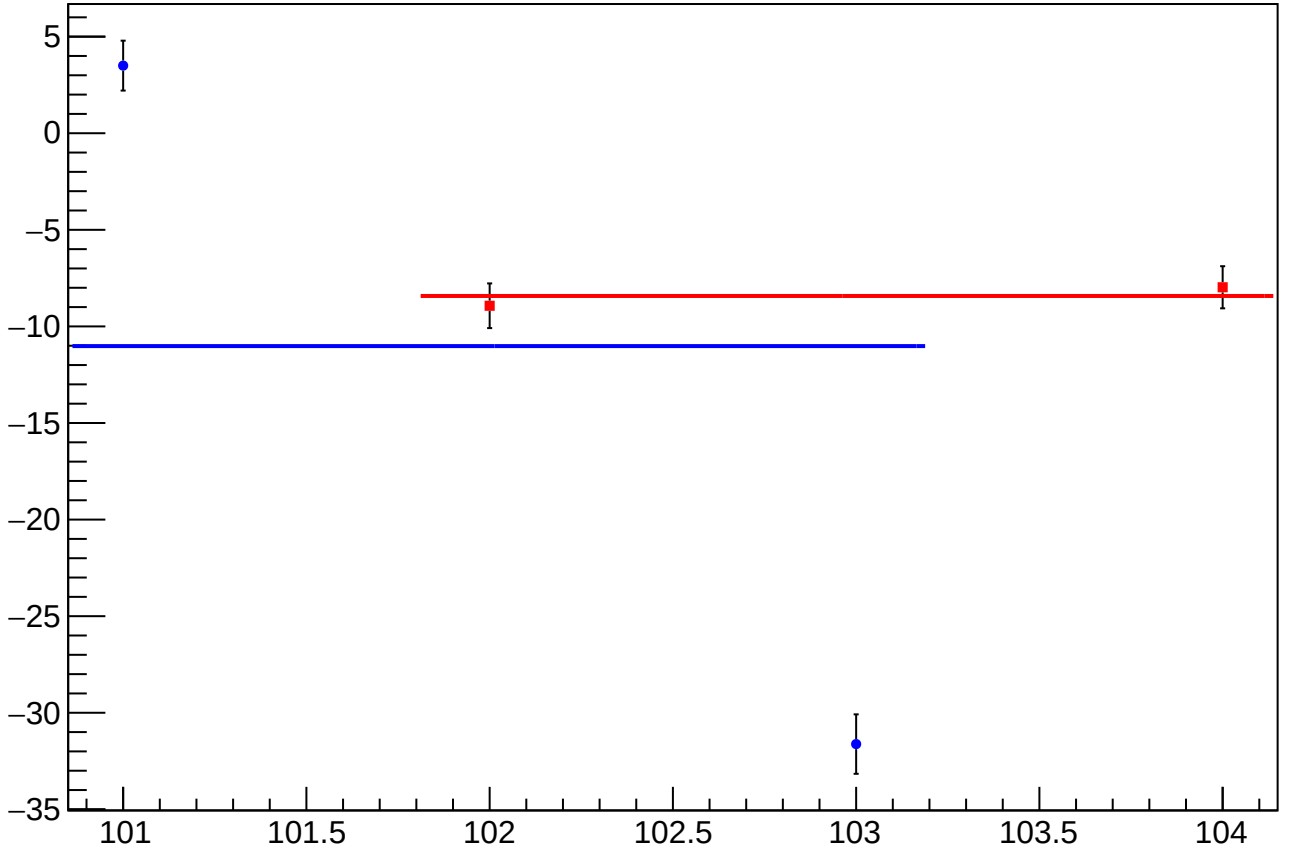
Right: 58.354+/-0.045 χ^2/NDF: 1008662.9/3

In: 58.333+/-0.045 χ^2/NDF:1007624.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 58.354+/-0.045 χ^2/NDF: 1008662.9/3

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: -11.019+/-0.989 χ^2/NDF: 305.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.424+/-0.793 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

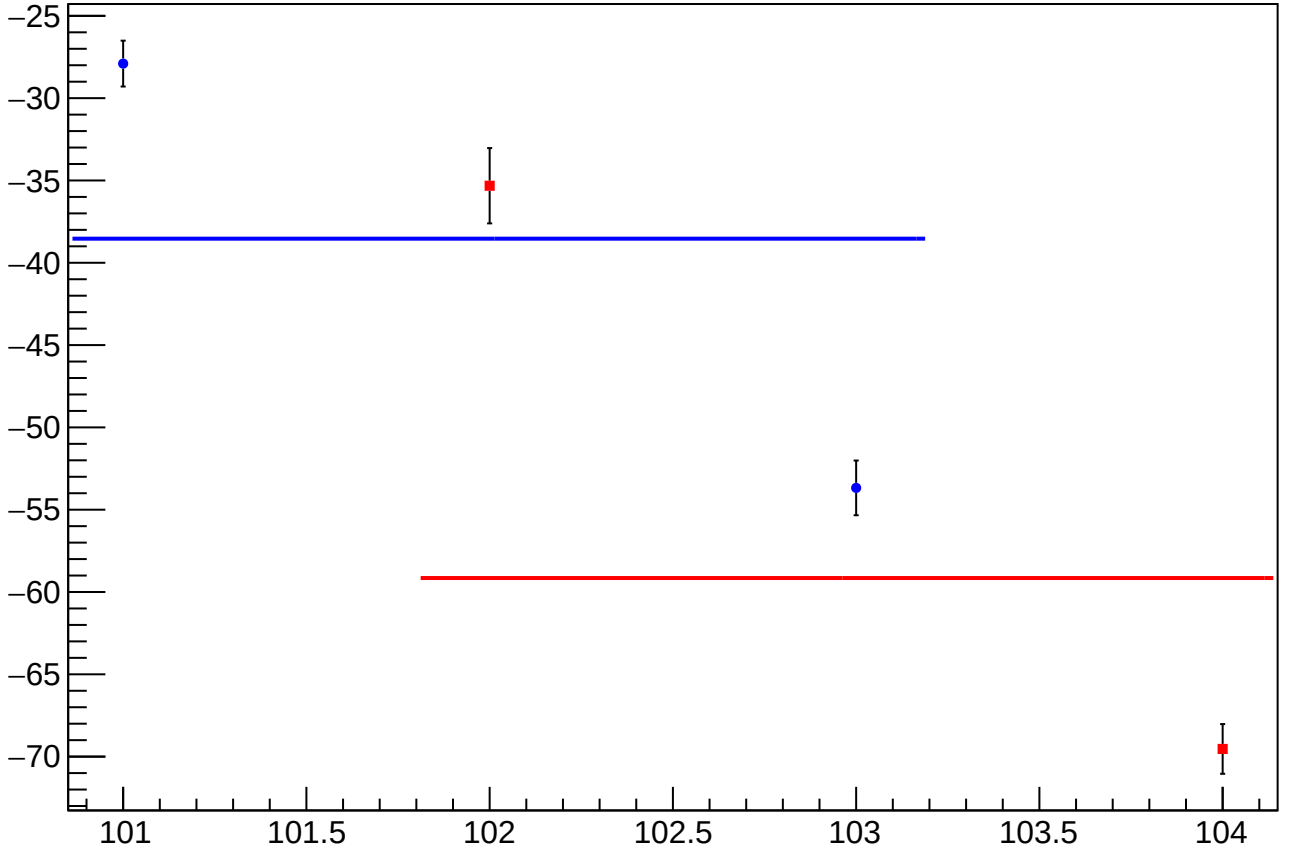
Right: -9.440+/-0.619 χ^2/NDF: 310.1/3

In: -11.019+/-0.989 χ^2/NDF:305.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.440+/-0.619 χ^2/NDF: 310.1/3

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -38.536+/-1.067 χ^2/NDF: 141.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -59.151+/-1.260 χ^2/NDF: 155.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

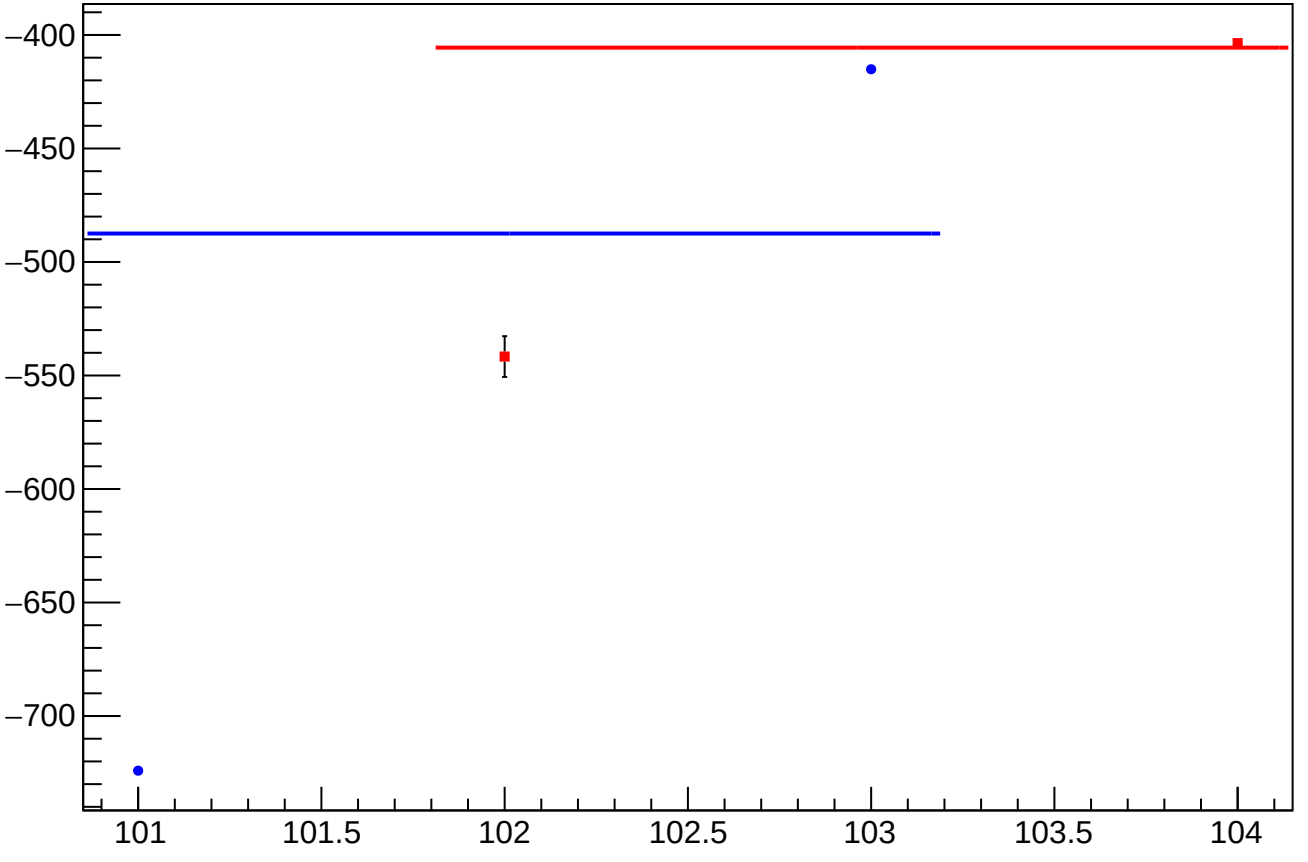
Right: -47.150+/-0.814 χ^2/NDF: 453.0/3

In: -38.536+/-1.067 χ^2/NDF:141.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -47.150+/-0.814 χ^2/NDF: 453.0/3

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -487.462+/-0.664 χ^2/NDF: 38852.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -405.569+/-1.075 χ^2/NDF: 233.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

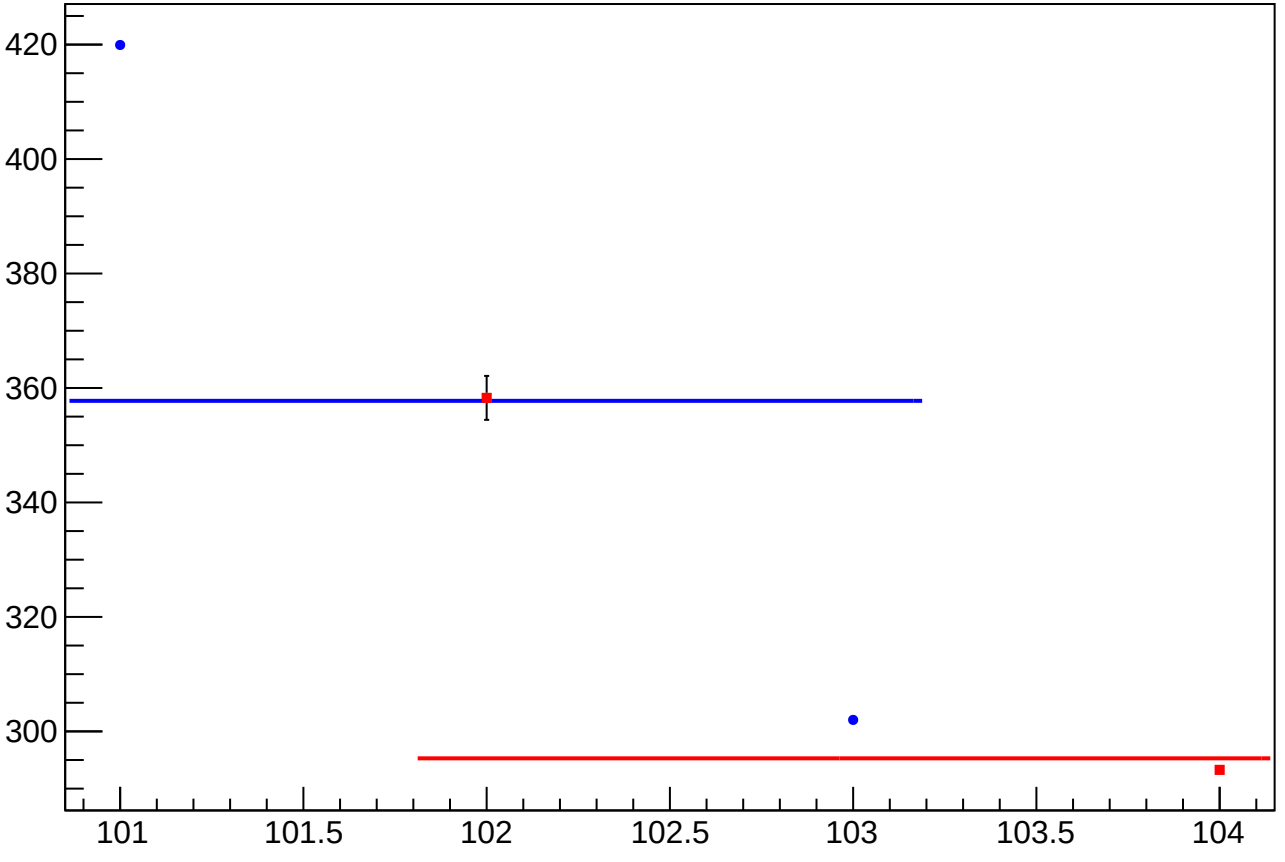
Right: -464.842+/-0.565 χ^2/NDF: 43289.1/3

In: -487.462+/-0.664 χ^2/NDF:38852.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -464.842+/-0.565 χ^2/NDF: 43289.1/3

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 357.755+/-0.517 χ^2/NDF: 12963.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 295.292+/-0.676 χ^2/NDF: 277.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

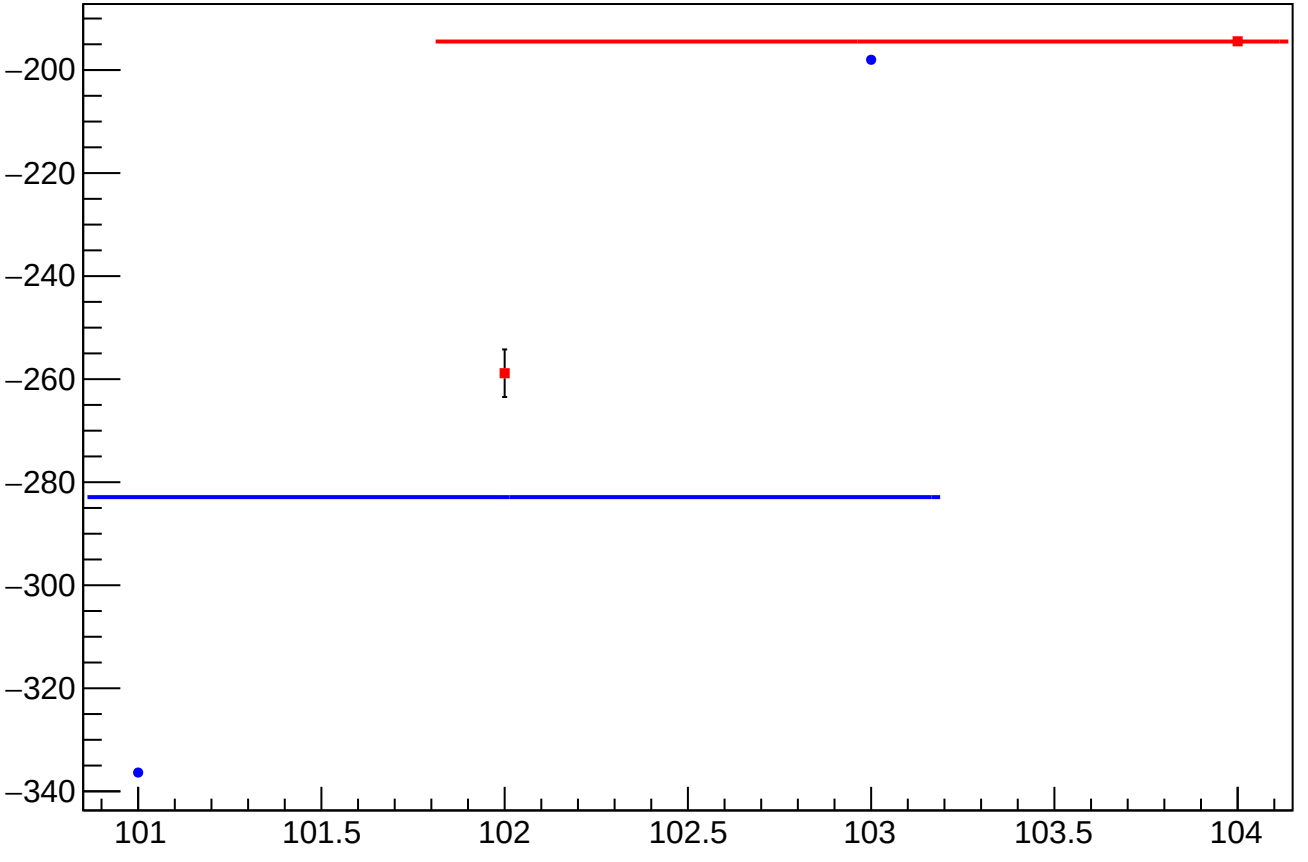
Right: 334.688+/-0.411 χ^2/NDF: 18630.0/3

In: 357.755+/-0.517 χ^2/NDF:12963.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 334.688+/-0.411 χ^2/NDF: 18630.0/3

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -282.898+/-0.190 χ^2/NDF: 125300.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -194.465+/-0.121 χ^2/NDF: 194.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

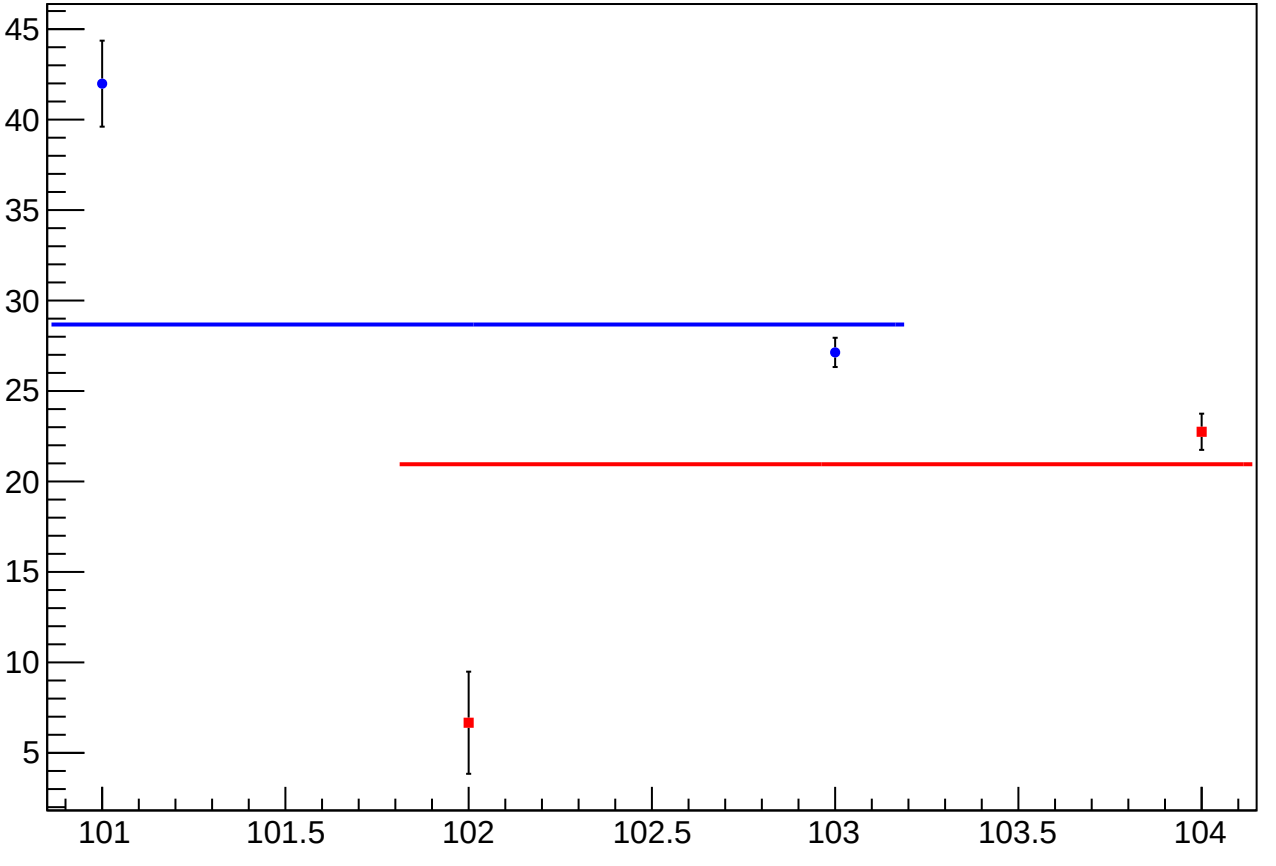
Right: -219.963+/-0.102 χ^2/NDF: 279164.0/3

In: -282.898+/-0.190 χ^2/NDF:125300.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -219.963+/-0.102 χ^2/NDF: 279164.0/3

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: 28.675+/-0.766 χ^2/NDF: 35.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.953+/-0.943 χ^2/NDF: 28.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

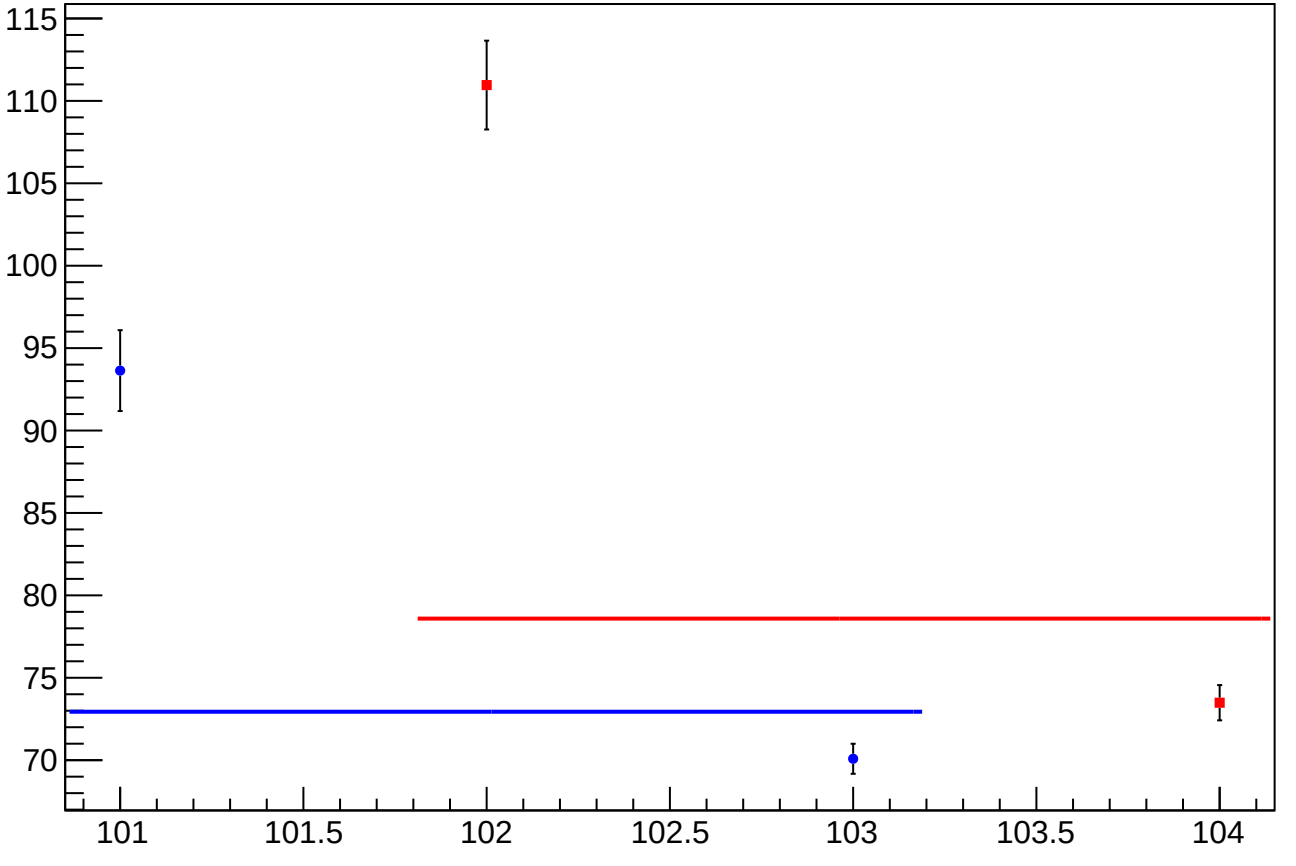
Right: 25.607+/-0.594 χ^2/NDF: 104.3/3

In: 28.675+/-0.766 χ^2/NDF:35.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 25.607+/-0.594 χ^2/NDF: 104.3/3

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 72.939+/-0.854 χ^2/NDF: 80.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 78.590+/-0.995 χ^2/NDF: 167.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

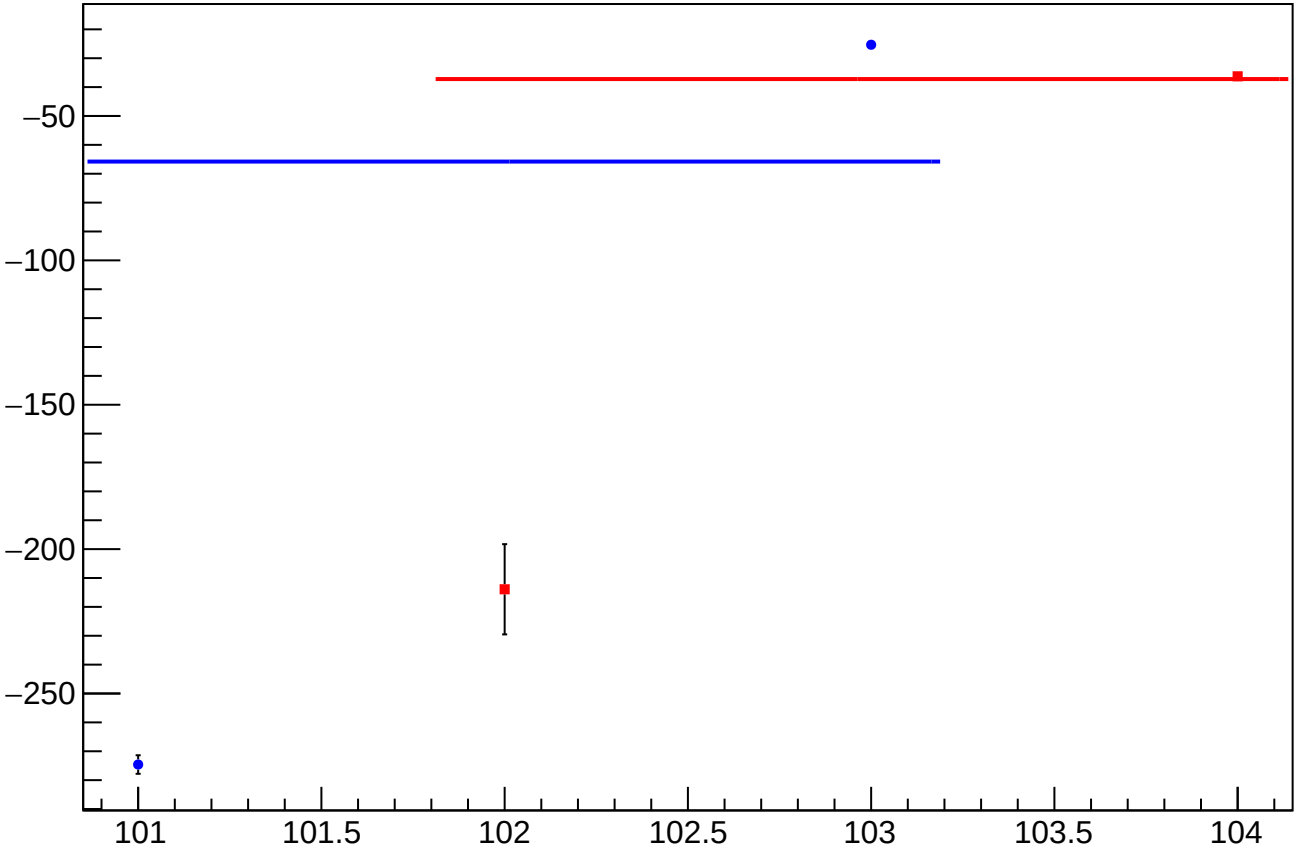
Right: 75.339+/-0.648 χ^2/NDF: 266.5/3

In: 72.939+/-0.854 χ^2/NDF:80.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 75.339+/-0.648 χ^2/NDF: 266.5/3

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -65.789+/-1.293 χ^2/NDF: 5049.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -37.219+/-1.145 χ^2/NDF: 128.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

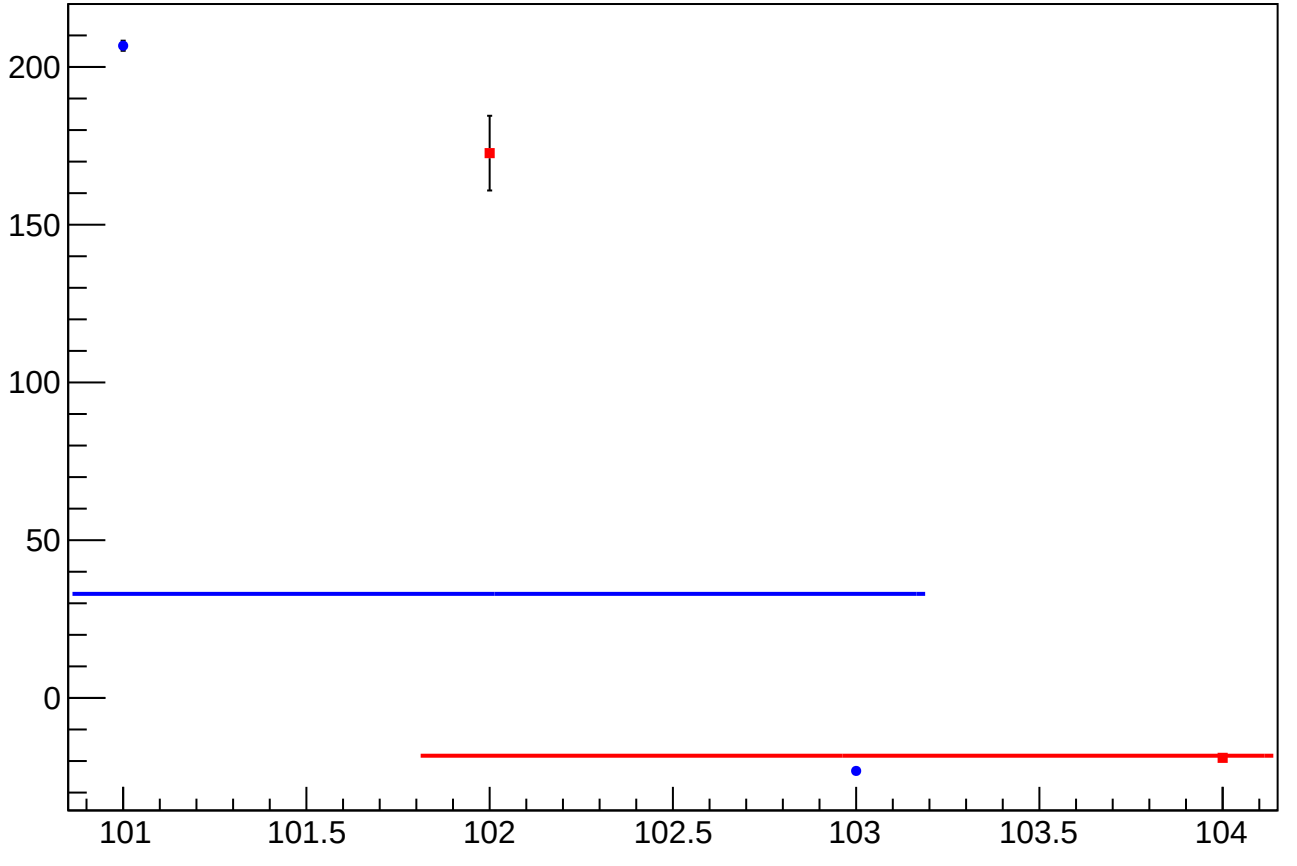
Right: -49.771+/-0.857 χ^2/NDF: 5451.9/3

In: -65.789+/-1.293 χ^2/NDF:5049.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -49.771+/-0.857 χ^2/NDF: 5451.9/3

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.987+/-0.794 χ^2/NDF: 15480.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18.316+/-0.701 χ^2/NDF: 261.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

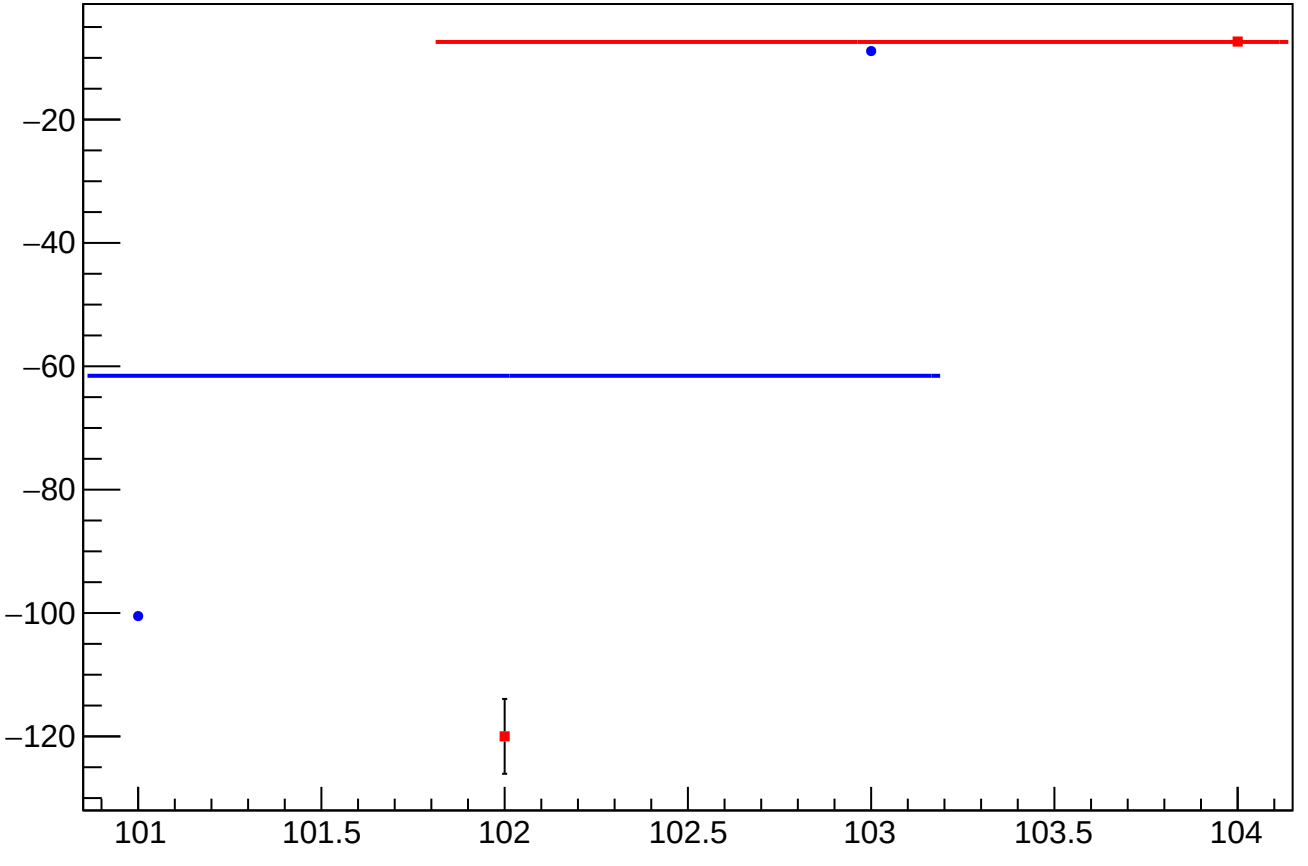
Right: 4.161+/-0.525 χ^2/NDF: 18089.5/3

In: 32.987+/-0.794 χ^2/NDF:15480.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.161+/-0.525 χ^2/NDF: 18089.5/3

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -61.538+/-0.239 χ^2/NDF: 35988.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.418+/-0.144 χ^2/NDF: 344.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

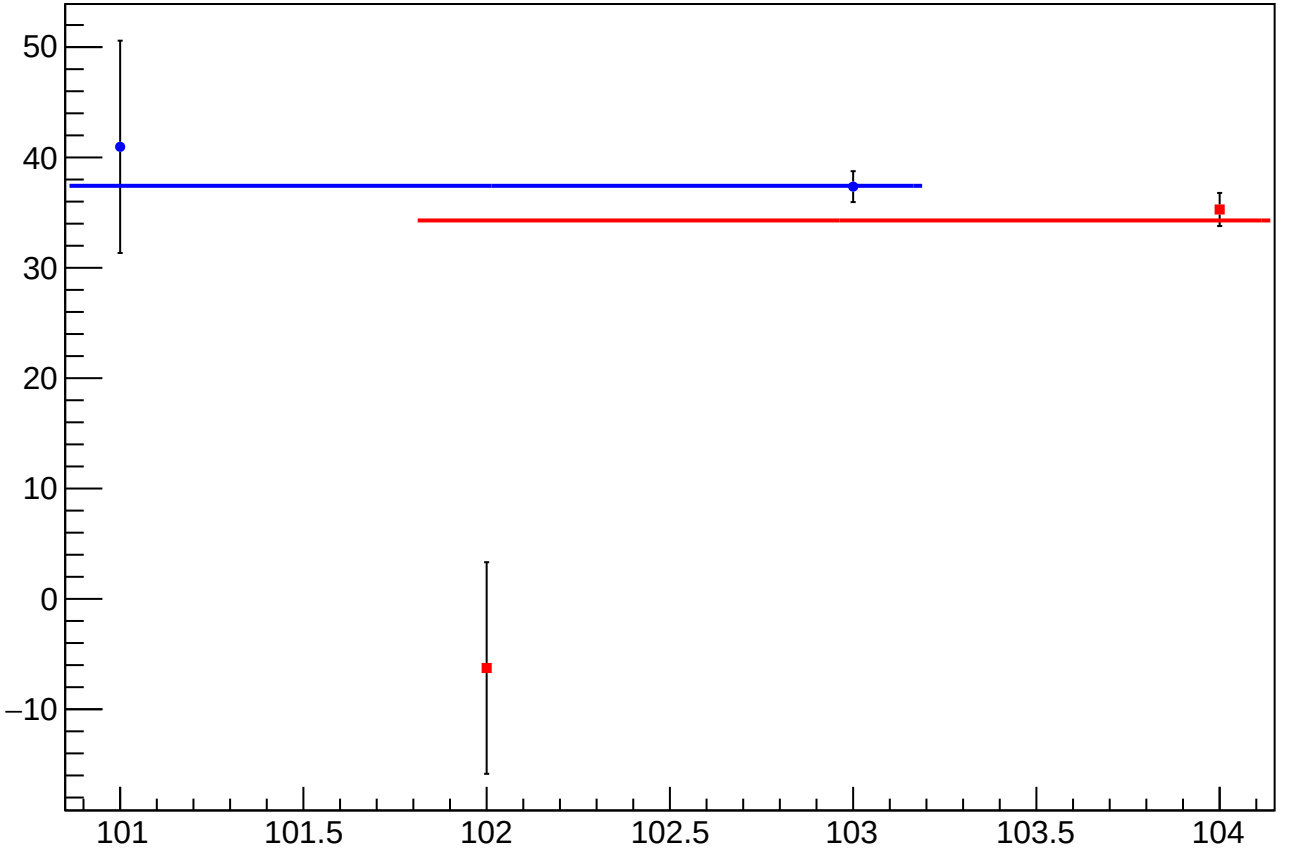
Right: -21.854+/-0.123 χ^2/NDF: 74022.1/3

In: -61.538+/-0.239 χ^2/NDF:35988.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -21.854+/-0.123 χ^2/NDF: 74022.1/3

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 37.431+/-1.385 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.292+/-1.483 χ^2/NDF: 18.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

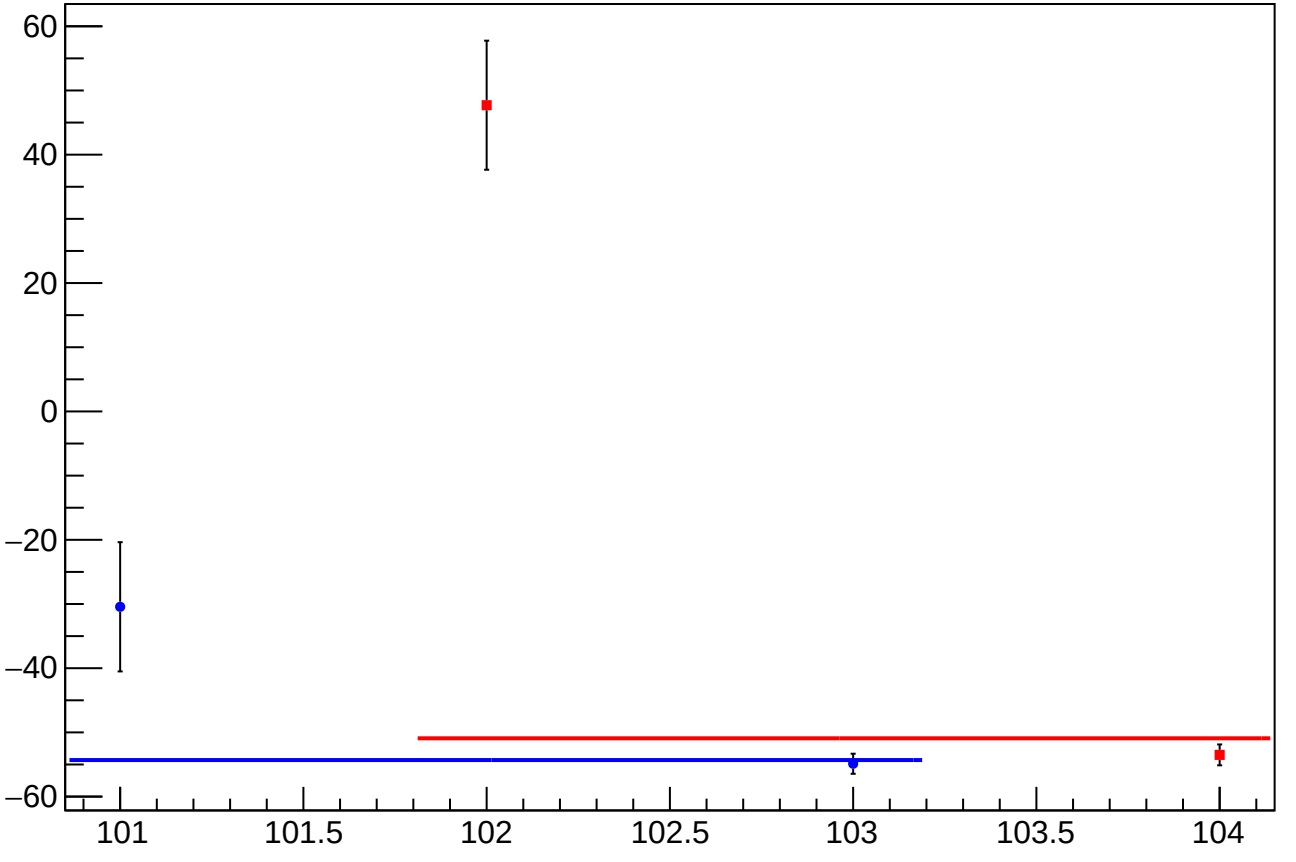
Right: 35.968+/-1.012 χ^2/NDF: 20.9/3

In: 37.431+/-1.385 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 35.968+/-1.012 χ^2/NDF: 20.9/3

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -54.309+/-1.546 χ^2/NDF: 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -50.921+/-1.606 χ^2/NDF: 98.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

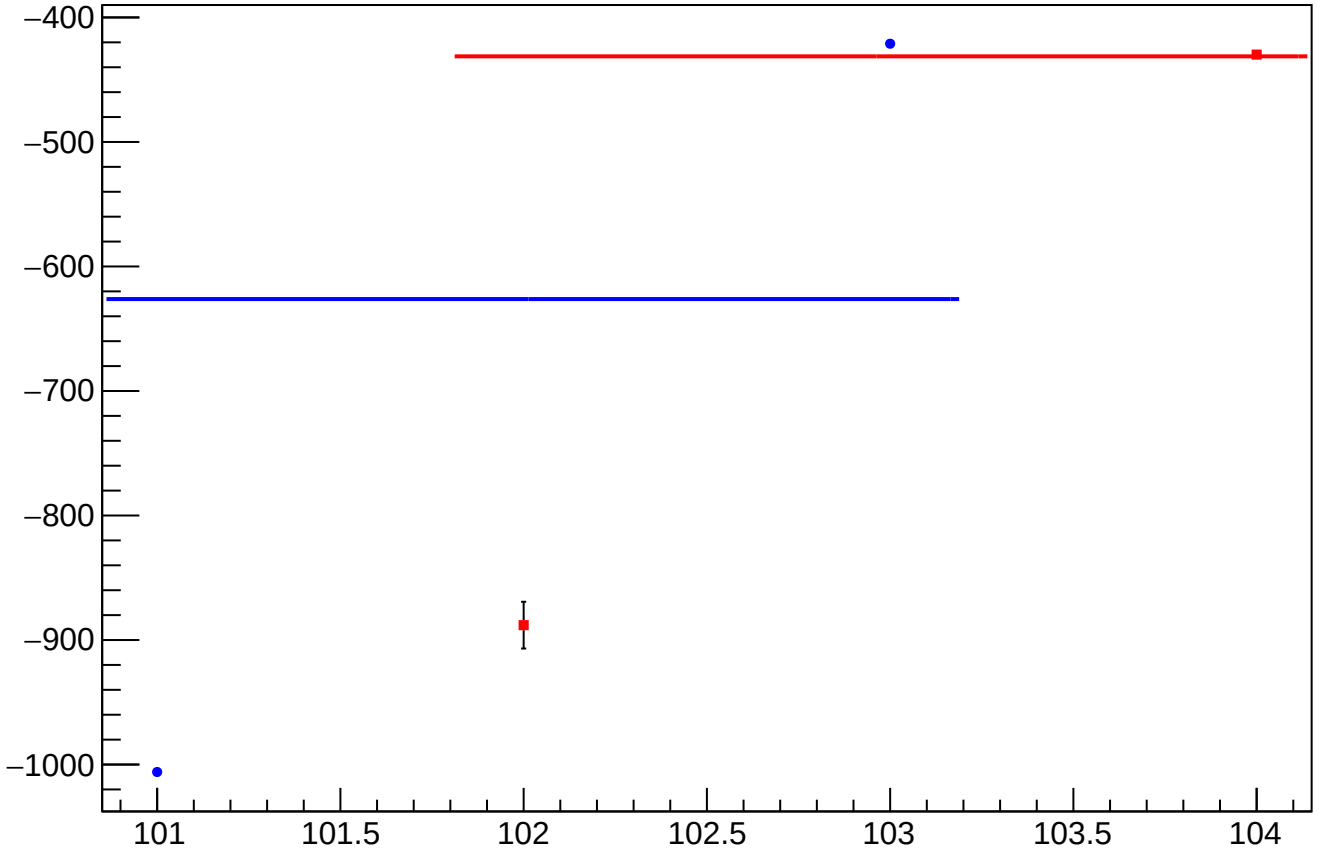
Right: -52.679+/-1.113 χ^2/NDF: 106.8/3

In: -54.309+/-1.546 χ^2/NDF:5.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -52.679+/-1.113 χ^2/NDF: 106.8/3

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -626.174+/-1.327 χ^2/NDF: 44210.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -431.240+/-1.036 χ^2/NDF: 593.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

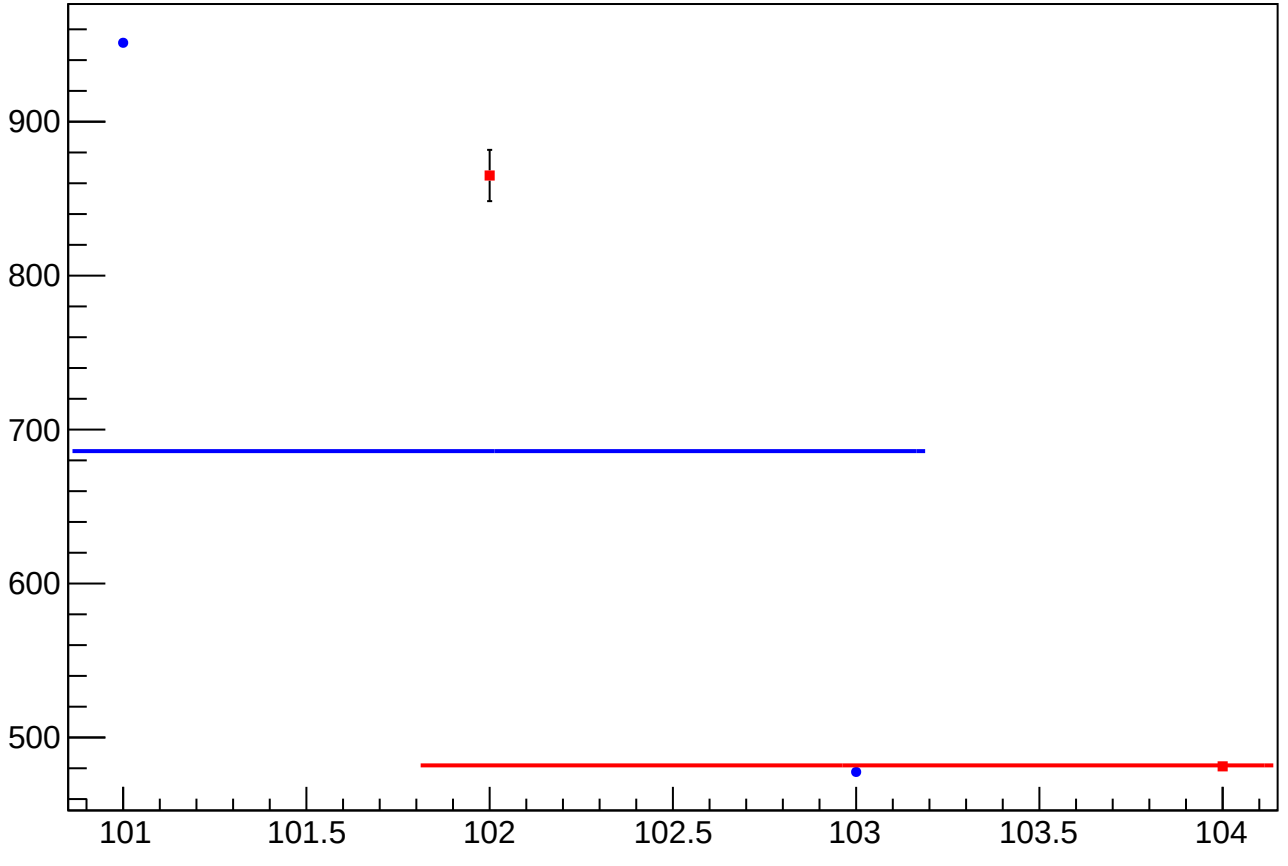
Right: -505.065+/-0.817 χ^2/NDF: 58204.6/3

In: -626.174+/-1.327 χ^2/NDF:44210.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -505.065+/-0.817 χ^2/NDF: 58204.6/3

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 686.016+/-0.906 χ^2/NDF: 67339.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 481.876+/-0.675 χ^2/NDF: 530.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

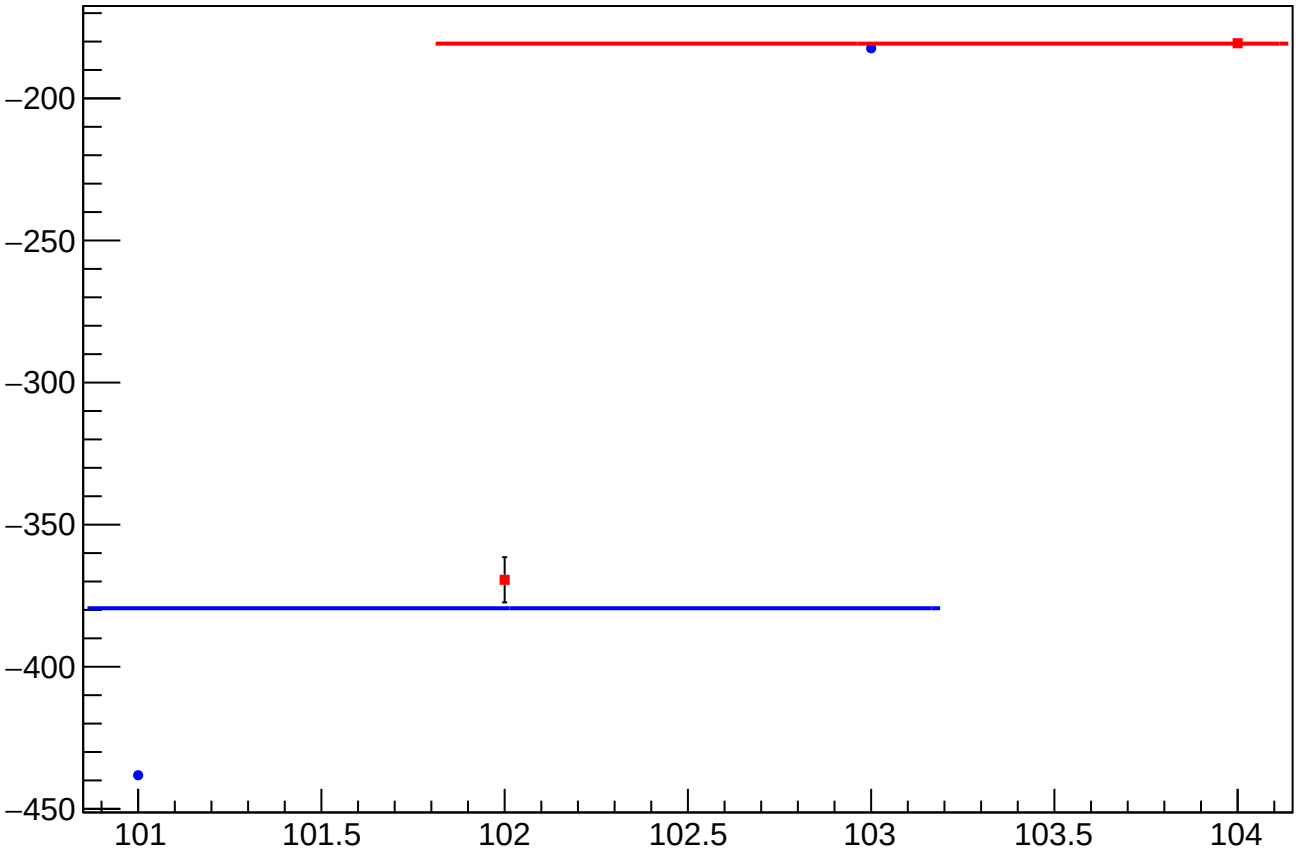
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 554.714+/-0.541 χ^2/NDF: 100524.2/3

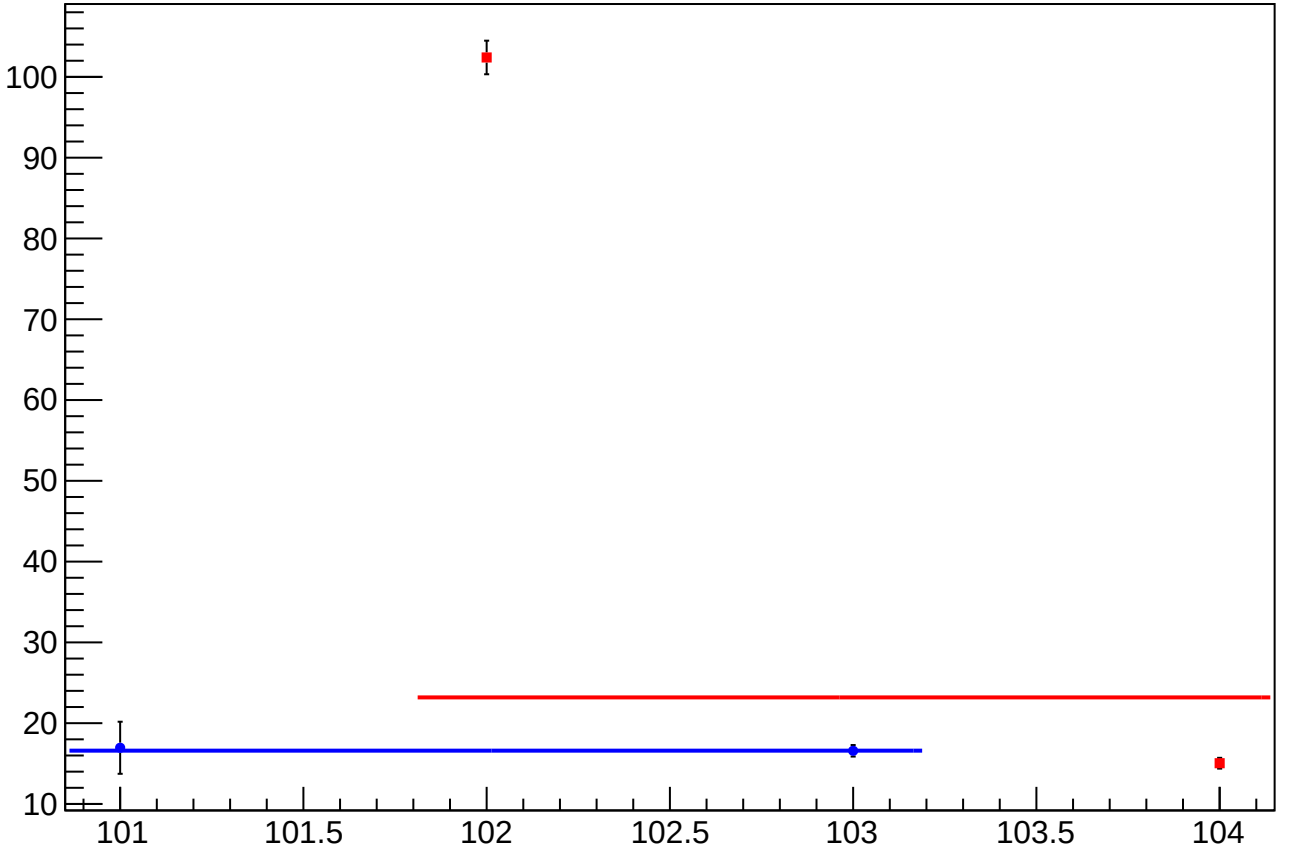
In: 686.016+/-0.906 χ^2/NDF:67339.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 554.714+/-0.541 χ^2/NDF: 100524.2/3


dit_atr2_11X12X_slope vs Slug, Sign Corrected
−200
−250
−300
−350
−400
−450
101
101.5
102
102.5
103
103.5
104
Right In: -379.413+/-0.179 χ²/NDF: 362875.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -180.725+/-0.206 χ²/NDF: 562.9/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -294.138+/-0.135 χ²/NDF: 894485.0/3
In: -379.413+/-0.179 χ²/NDF:362875.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -294.138+/-0.135 χ²/NDF: 894485.0/3

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: 16.599+/-0.697 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.190+/-0.635 χ^2/NDF: 1600.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

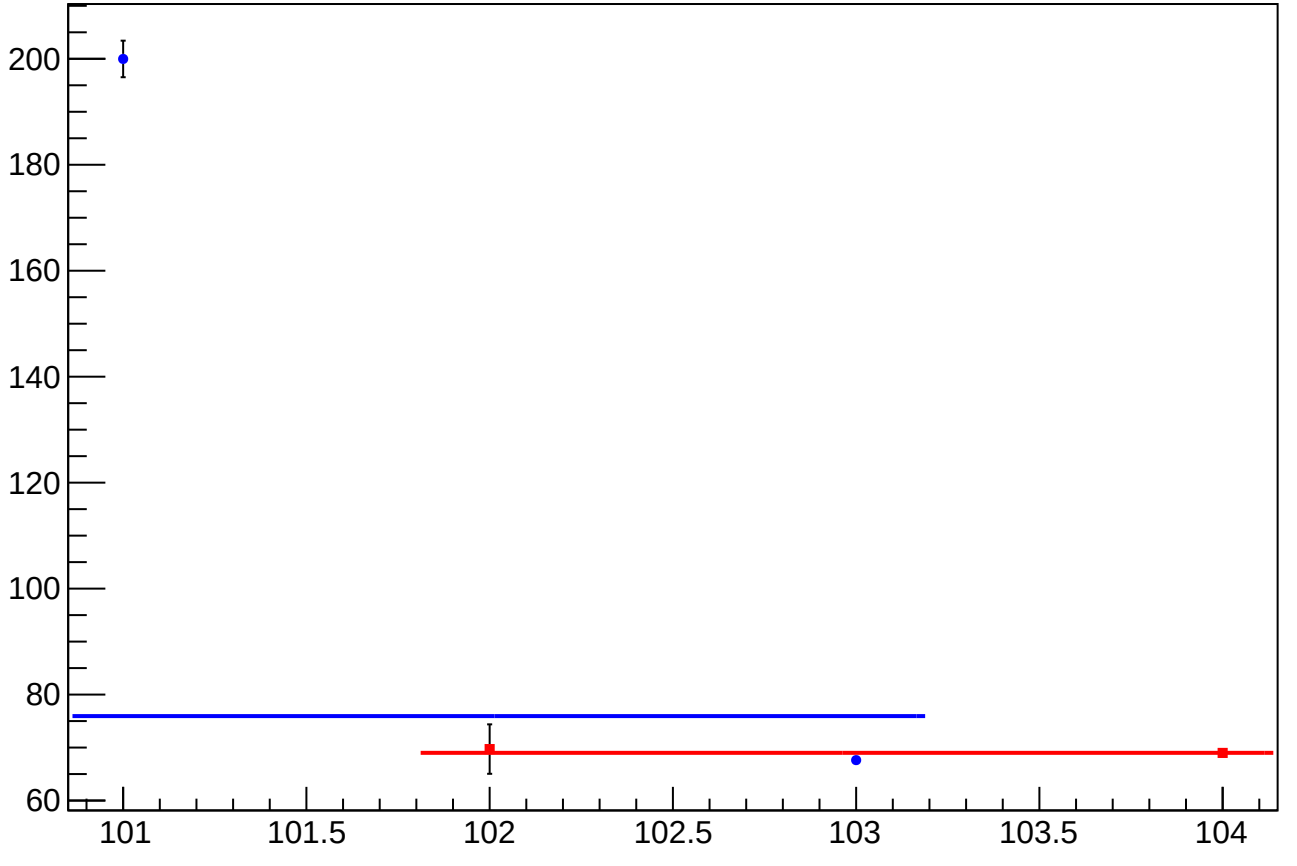
Right: 20.202+/-0.469 χ^2/NDF: 1649.8/3

In: 16.599+/-0.697 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.202+/-0.469 χ^2/NDF: 1649.8/3

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 75.939+/-0.864 χ^2/NDF: 1379.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 69.005+/-0.689 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

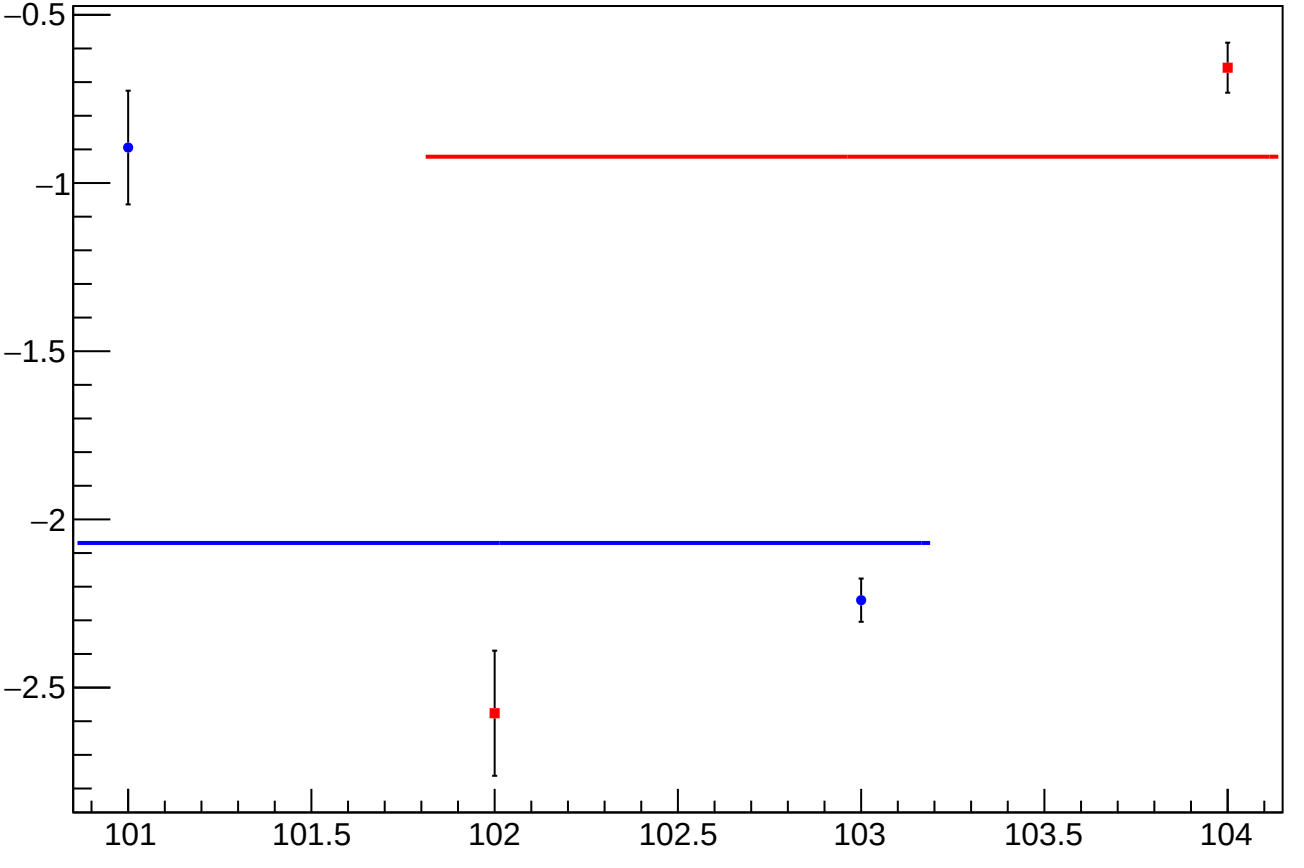
Right: 71.699+/-0.539 χ^2/NDF: 1418.9/3

In: 75.939+/-0.864 χ^2/NDF:1379.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 71.699+/-0.539 χ^2/NDF: 1418.9/3

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -2.070+/-0.060 χ^2/NDF: 55.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.922+/-0.069 χ^2/NDF: 91.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

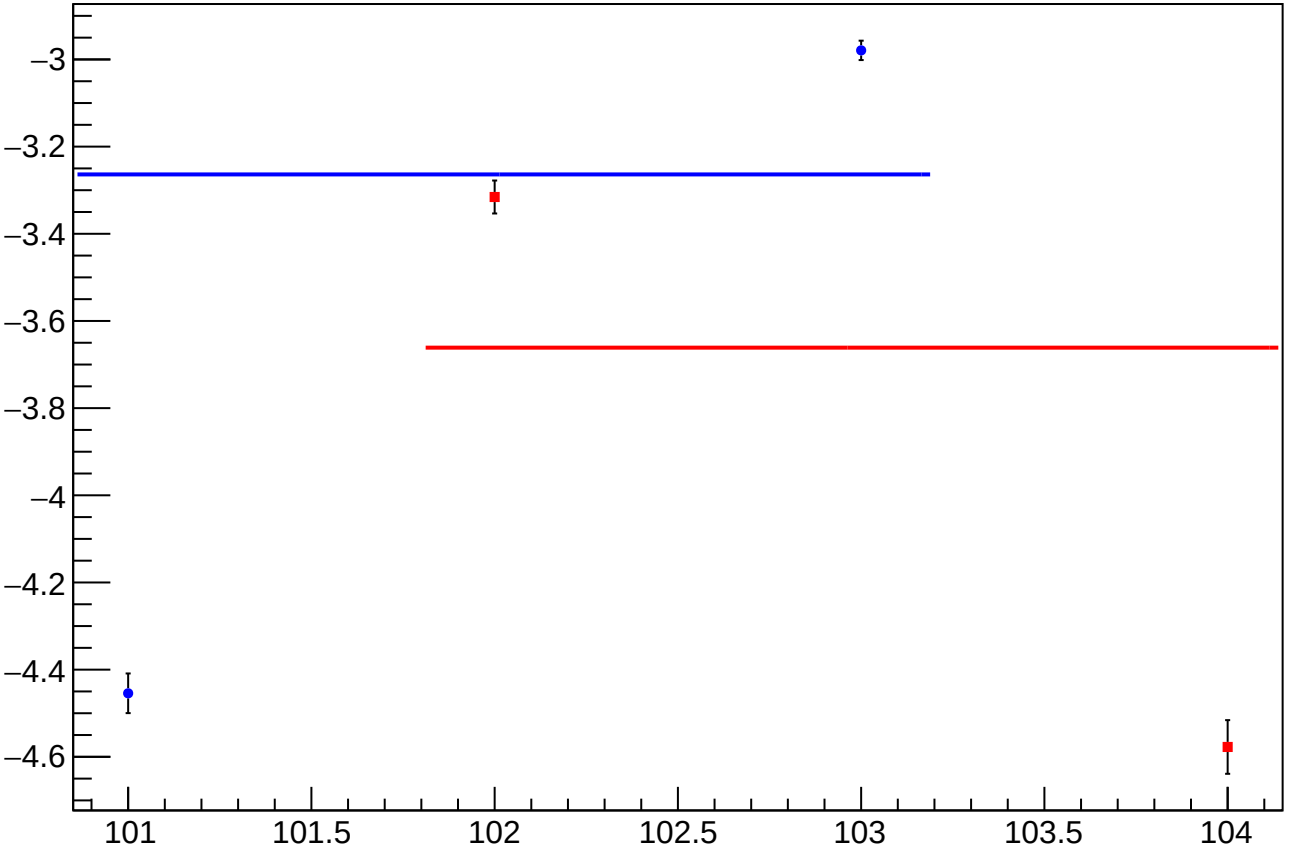
Right: -1.575+/-0.045 χ^2/NDF: 304.4/3

In: -2.070+/-0.060 χ^2/NDF:55.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.575+/-0.045 χ^2/NDF: 304.4/3

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -3.264+/-0.020 χ^2/NDF: 848.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.661+/-0.032 χ^2/NDF: 305.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

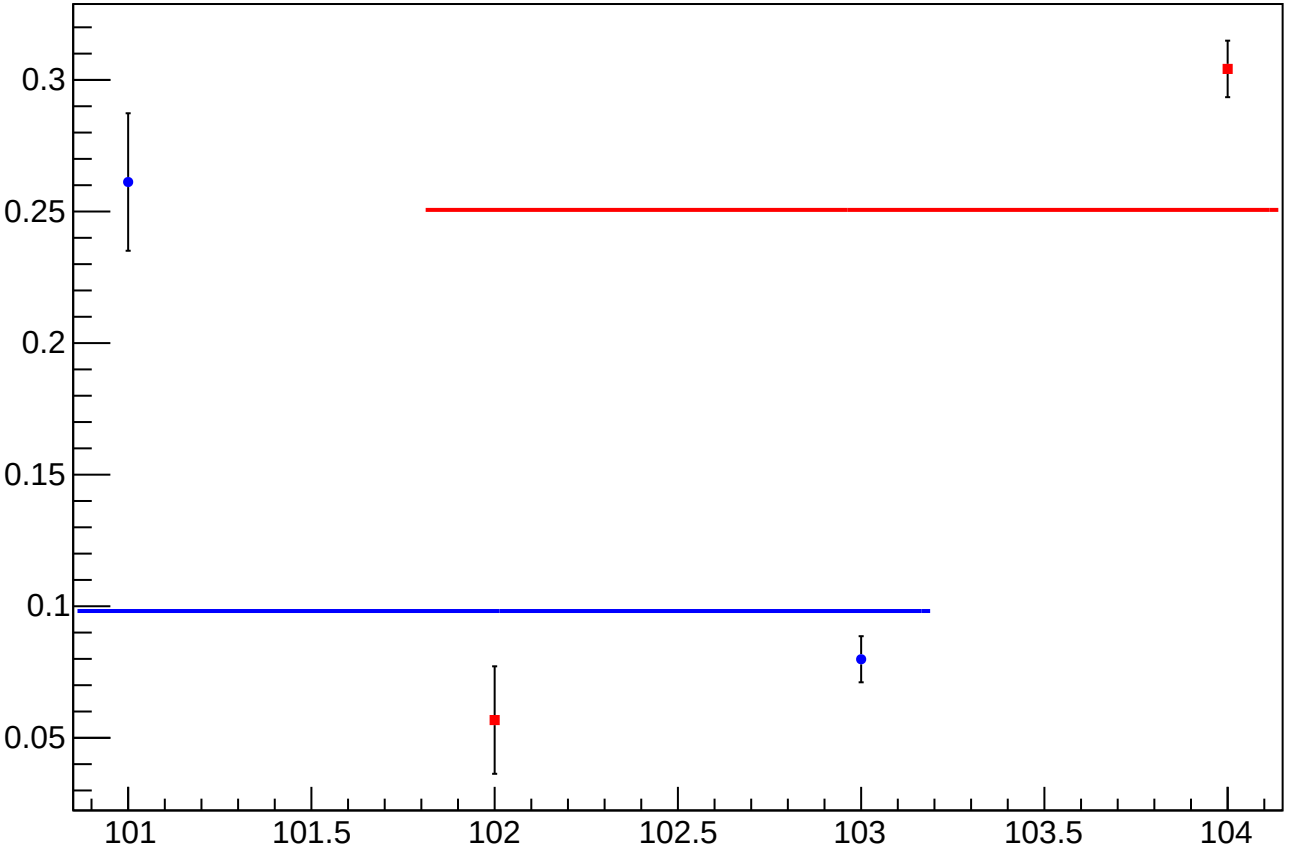
Right: -3.374+/-0.017 χ^2/NDF: 1263.4/3

In: -3.264+/-0.020 χ^2/NDF:848.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.374+/-0.017 χ^2/NDF: 1263.4/3

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.098+/-0.008 χ^2/NDF: 43.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.251+/-0.010 χ^2/NDF: 115.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

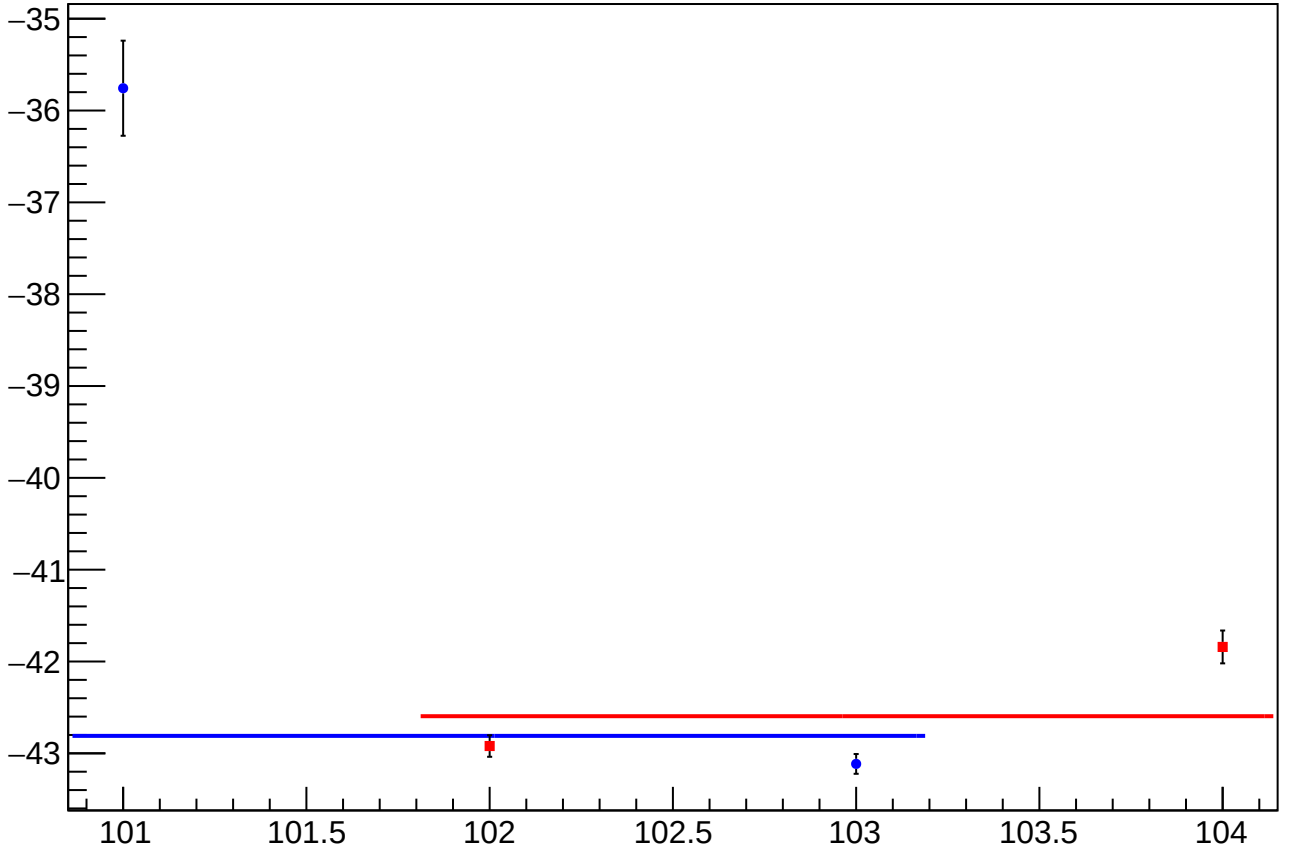
Right: 0.164+/-0.006 χ^2/NDF: 304.2/3

In: 0.098+/-0.008 χ^2/NDF:43.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.164+/-0.006 χ^2/NDF: 304.2/3

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -42.810+/-0.105 χ^2/NDF: 193.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -42.596+/-0.098 χ^2/NDF: 25.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

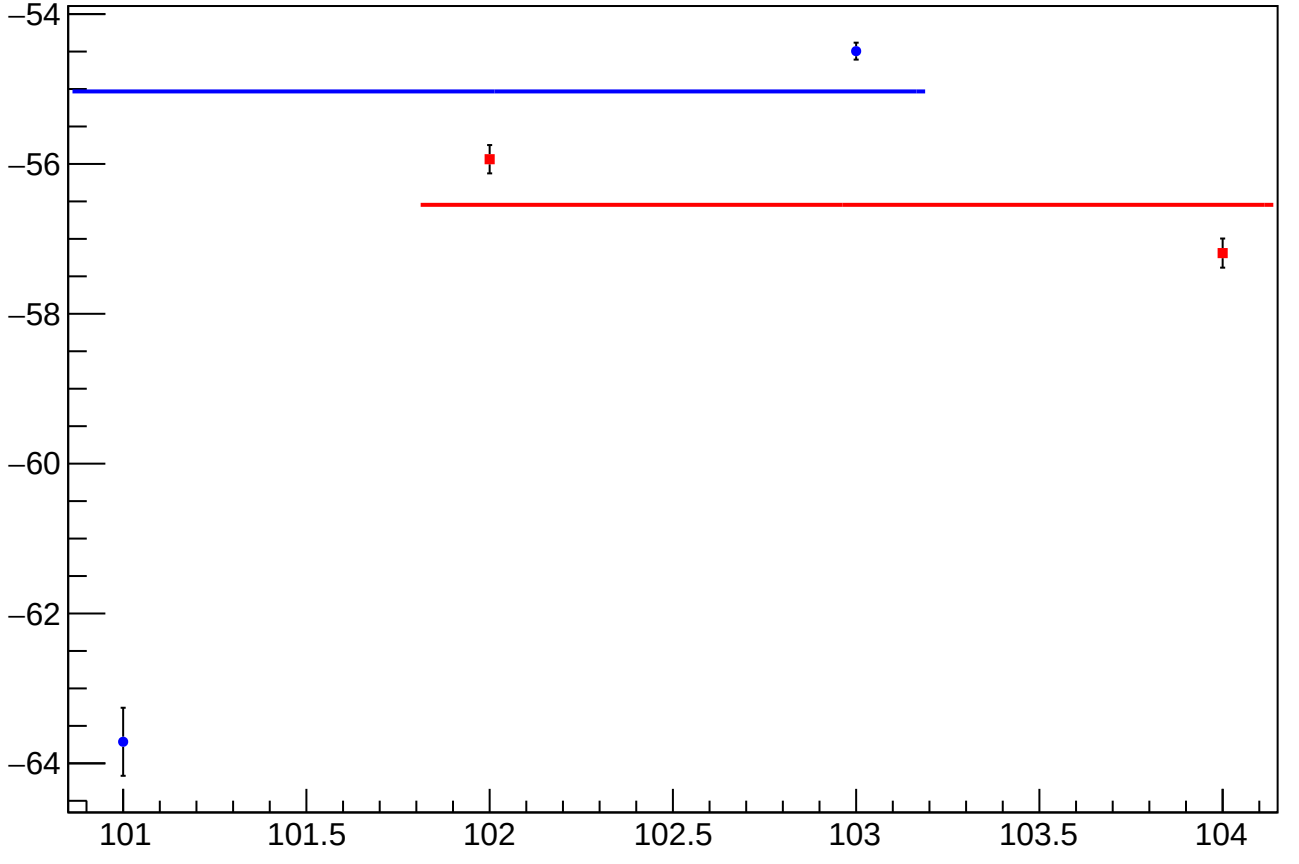
Right: -42.695+/-0.072 χ^2/NDF: 221.2/3

In: -42.810+/-0.105 χ^2/NDF:193.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -42.695+/-0.072 χ^2/NDF: 221.2/3

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -55.032+/-0.110 χ^2/NDF: 388.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -56.546+/-0.136 χ^2/NDF: 21.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

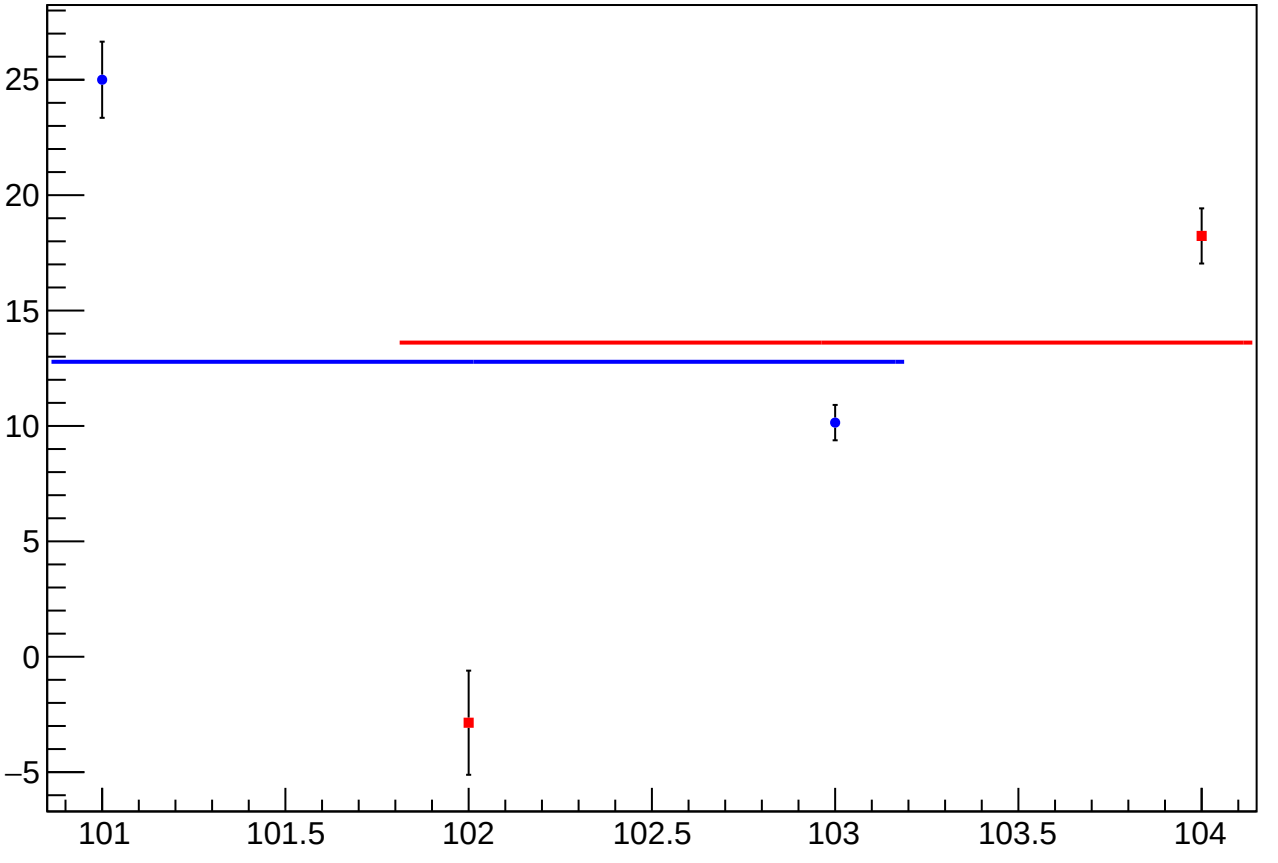
Right: -55.631+/-0.085 χ^2/NDF: 484.8/3

In: -55.032+/-0.110 χ^2/NDF:388.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -55.631+/-0.085 χ^2/NDF: 484.8/3

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 12.780+/-0.695 χ^2/NDF: 66.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.612+/-1.056 χ^2/NDF: 68.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

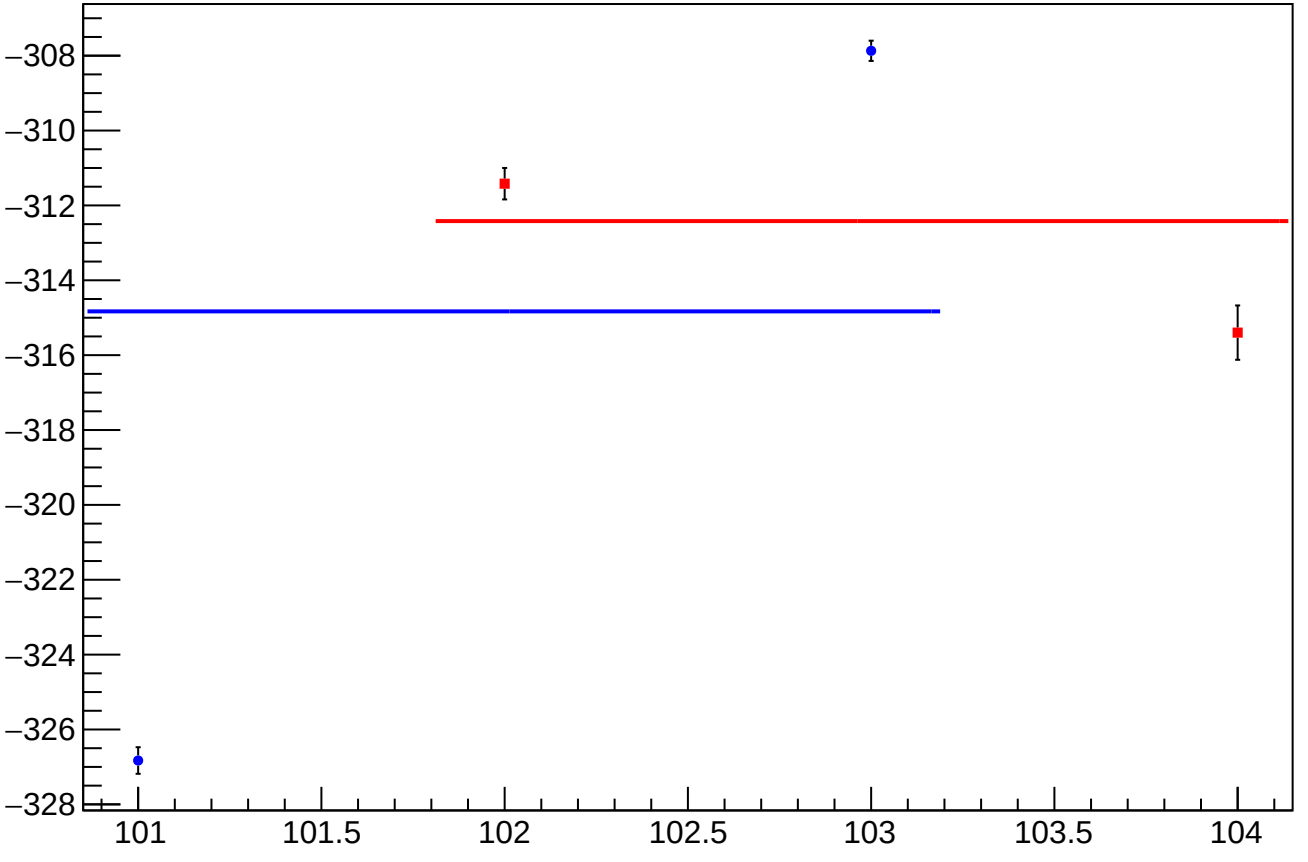
Right: 13.031+/-0.581 χ^2/NDF: 135.3/3

In: 12.780+/-0.695 χ^2/NDF:66.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.031+/-0.581 χ^2/NDF: 135.3/3

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -314.831+/-0.215 χ^2/NDF: 1802.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -312.419+/-0.364 χ^2/NDF: 22.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

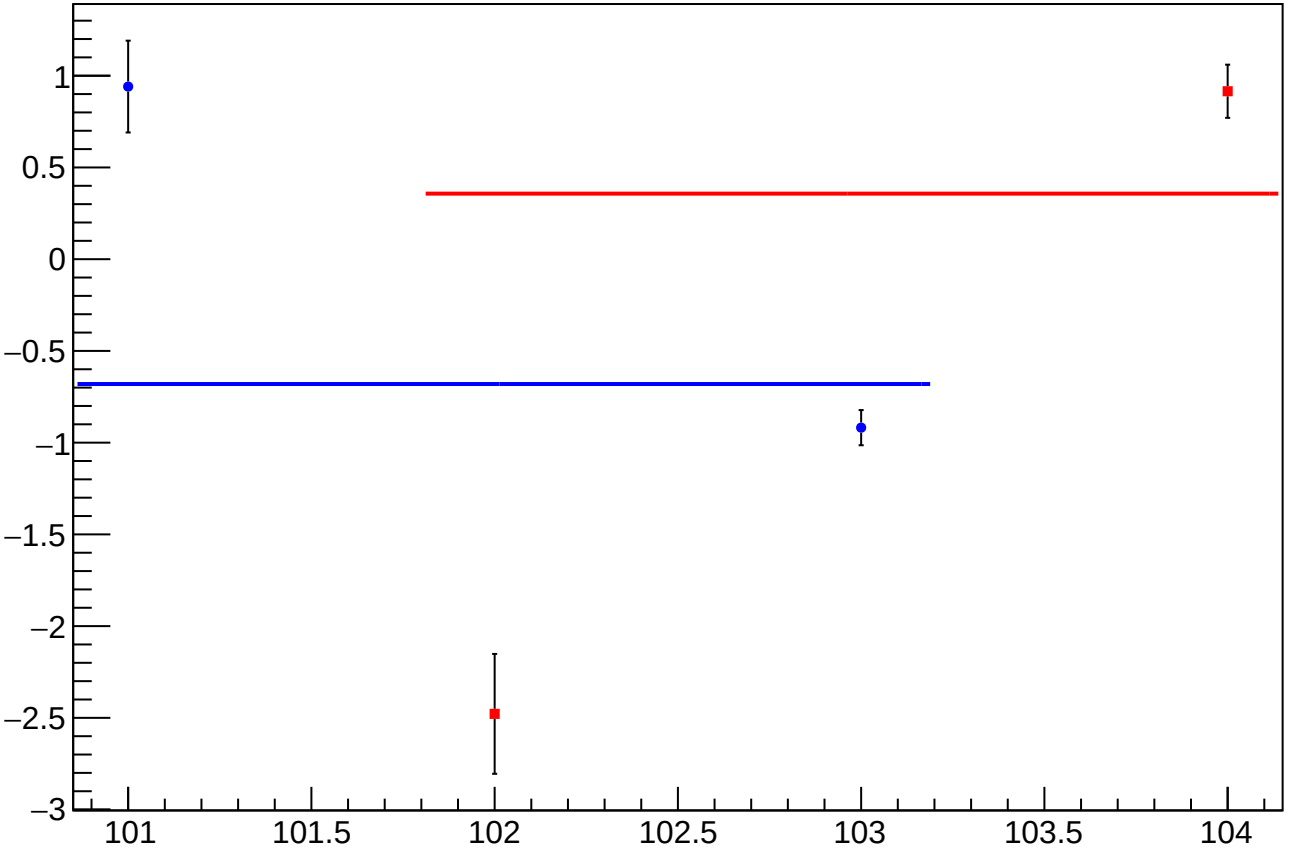
Right: -314.205+/-0.185 χ^2/NDF: 1857.9/3

In: -314.831+/-0.215 χ^2/NDF:1802.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -314.205+/-0.185 χ^2/NDF: 1857.9/3

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: -0.680+/-0.090 χ^2/NDF: 48.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.357+/-0.132 χ^2/NDF: 90.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

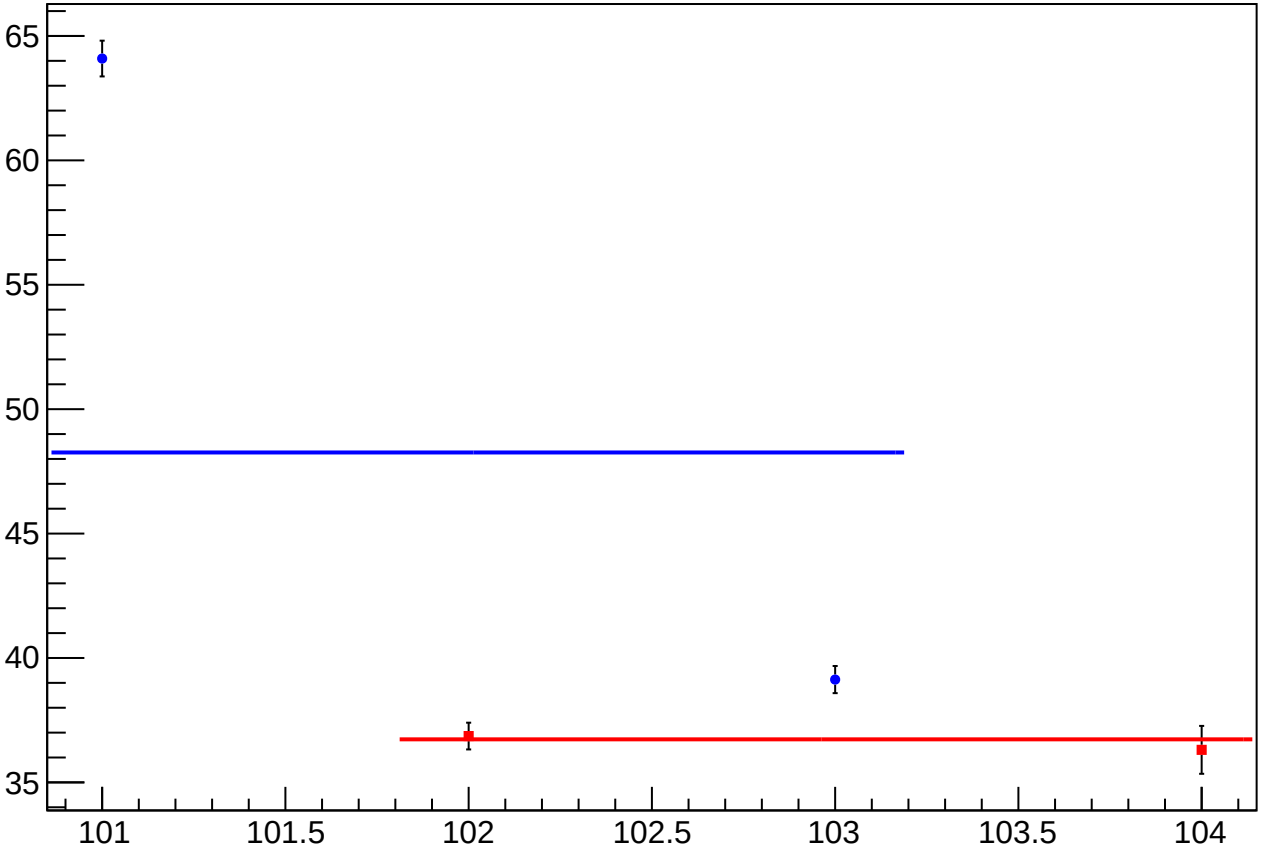
Right: -0.355+/-0.074 χ^2/NDF: 180.5/3

In: -0.680+/-0.090 χ^2/NDF:48.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.355+/-0.074 χ^2/NDF: 180.5/3

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 48.260+/-0.435 χ^2/NDF: 765.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 36.730+/-0.469 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

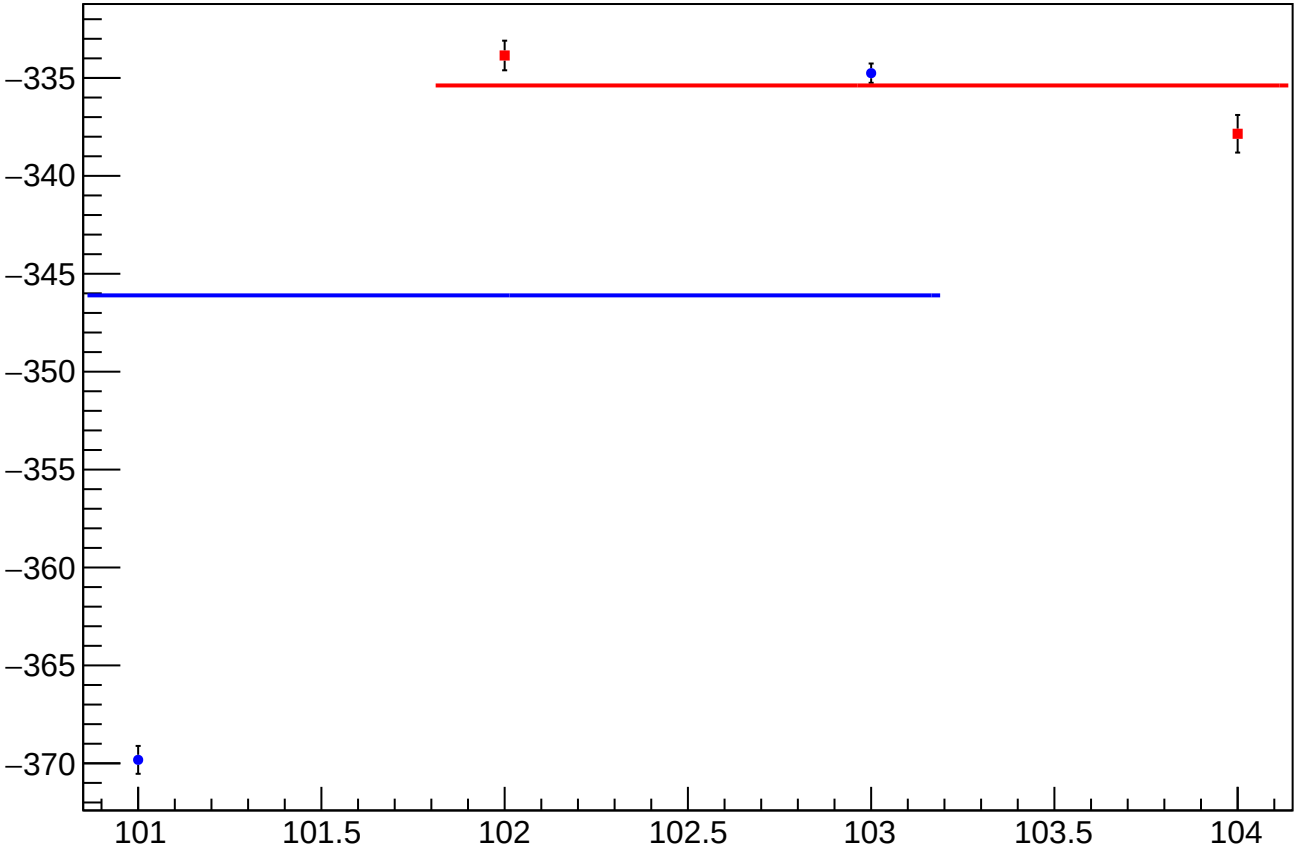
Right: 42.939+/-0.319 χ^2/NDF: 1090.5/3

In: 48.260+/-0.435 χ^2/NDF:765.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 42.939+/-0.319 χ^2/NDF: 1090.5/3

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -346.103+/-0.405 χ^2/NDF: 1642.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -335.383+/-0.594 χ^2/NDF: 10.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

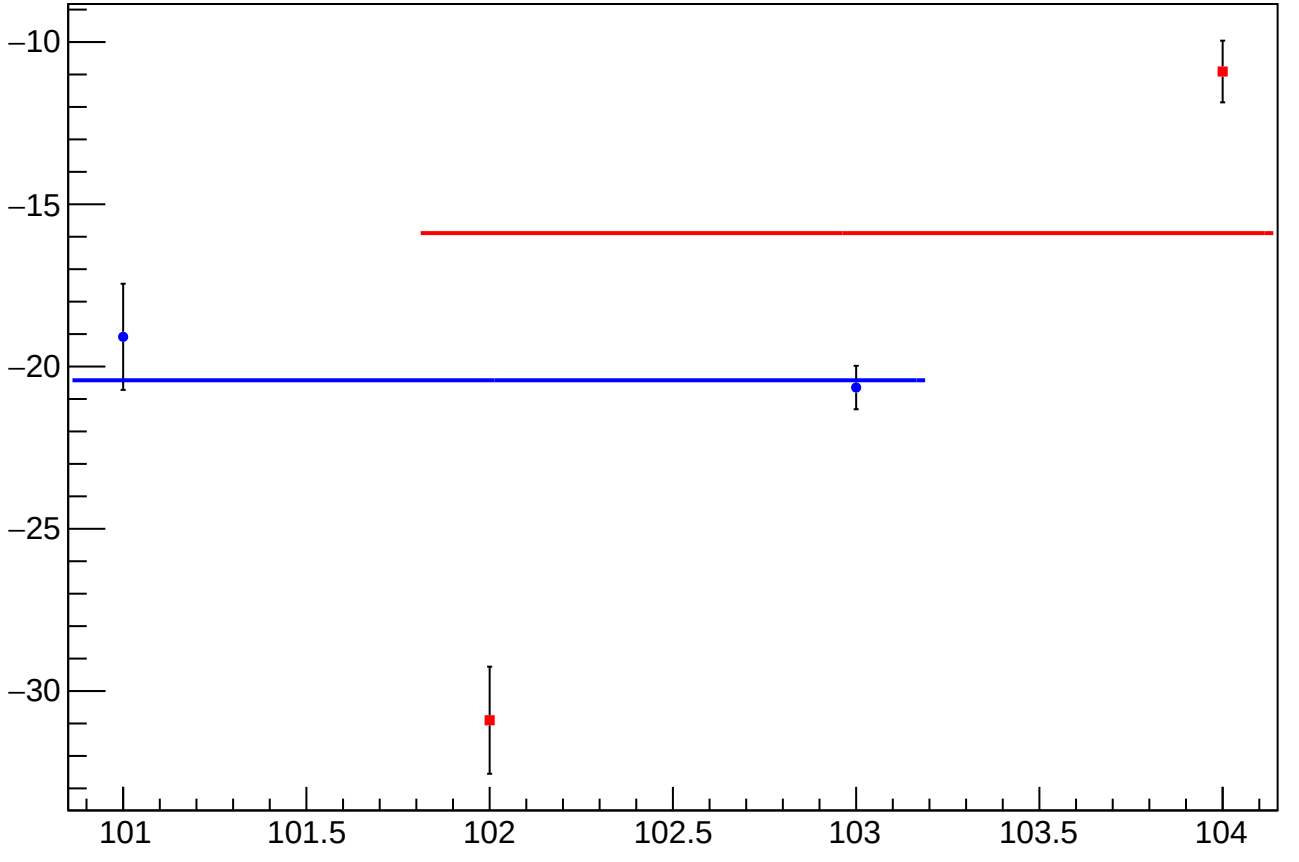
Right: -342.705+/-0.335 χ^2/NDF: 1875.2/3

In: -346.103+/-0.405 χ^2/NDF:1642.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -342.705+/-0.335 χ^2/NDF: 1875.2/3

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -20.423+/-0.619 χ^2/NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.888+/-0.824 χ^2/NDF: 110.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

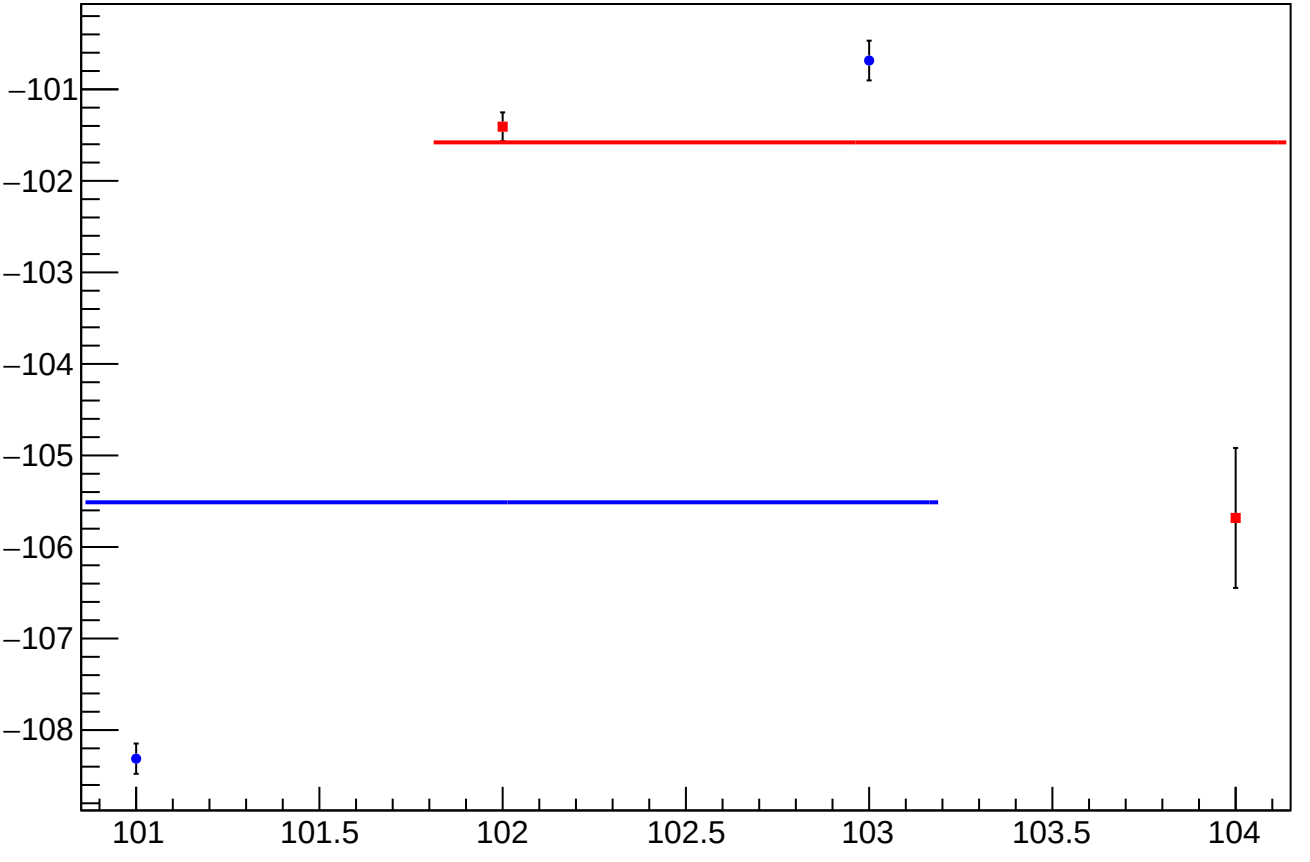
Right: -18.786+/-0.495 χ^2/NDF: 130.3/3

In: -20.423+/-0.619 χ^2/NDF:0.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -18.786+/-0.495 χ^2/NDF: 130.3/3

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -105.512+/-0.131 χ^2/NDF: 782.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -101.580+/-0.153 χ^2/NDF: 30.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

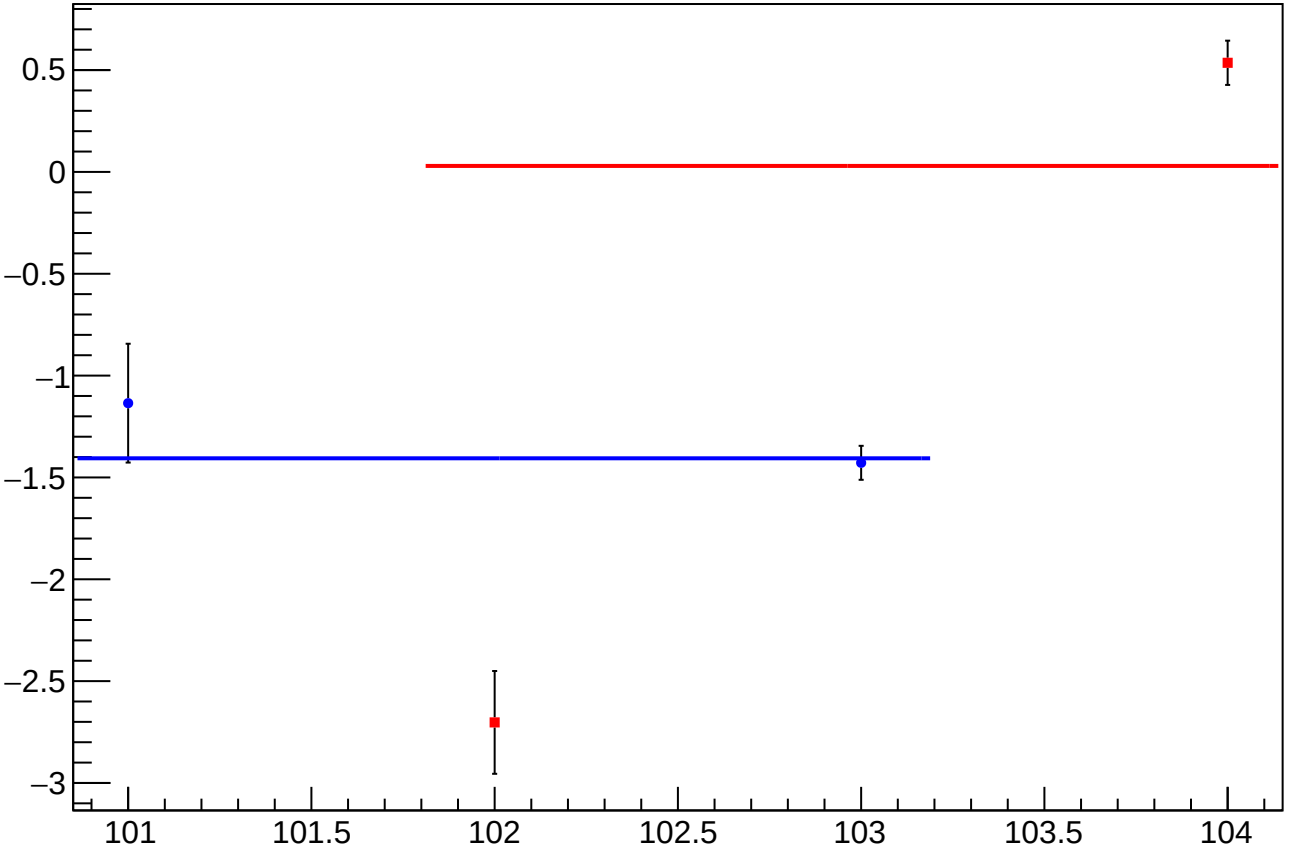
Right: -103.844+/-0.100 χ^2/NDF: 1191.4/3

In: -105.512+/-0.131 χ^2/NDF:782.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -103.844+/-0.100 χ^2/NDF: 1191.4/3

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: -1.406+/-0.080 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.029+/-0.100 χ^2/NDF: 139.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

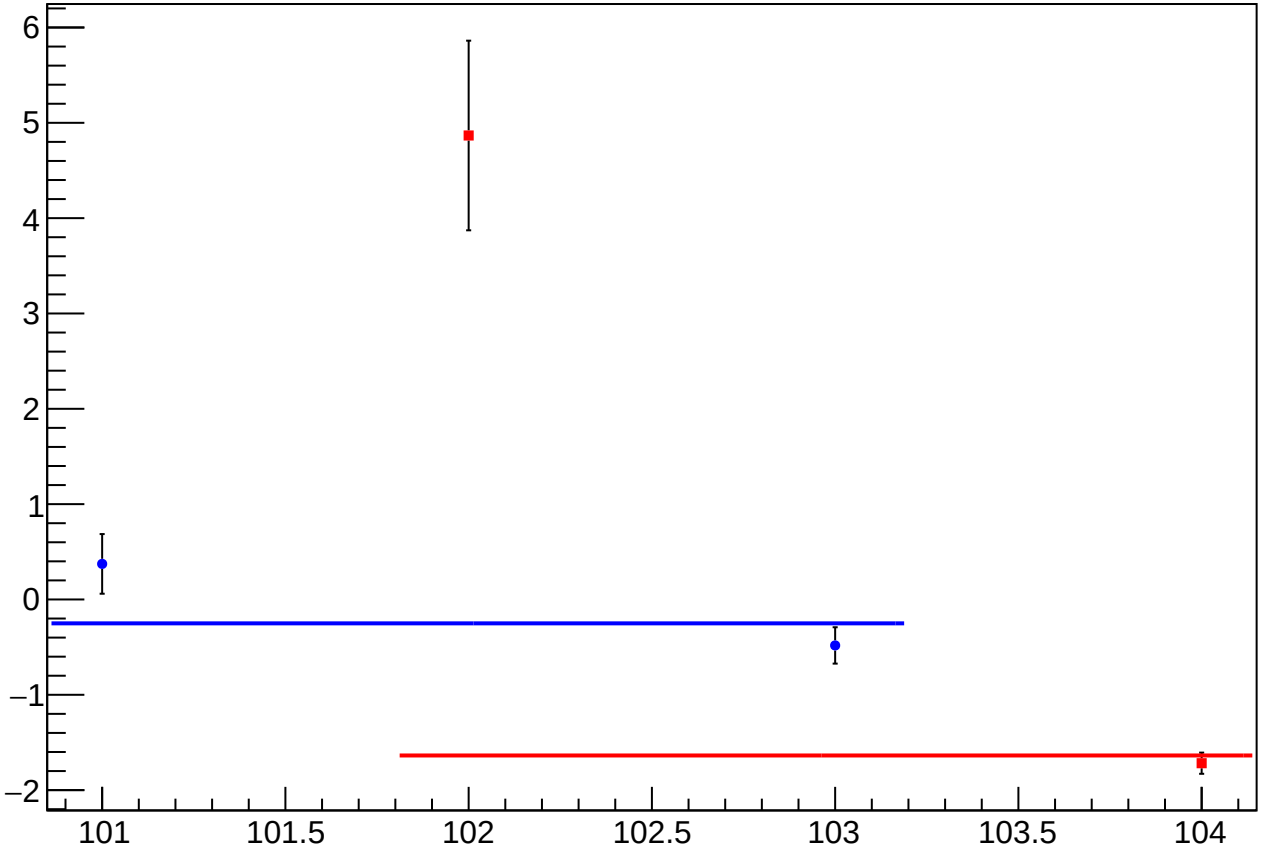
Right: -0.843+/-0.063 χ^2/NDF: 265.6/3

In: -1.406+/-0.080 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.843+/-0.063 χ^2/NDF: 265.6/3

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -0.251+/-0.163 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.637+/-0.110 χ^2/NDF: 43.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

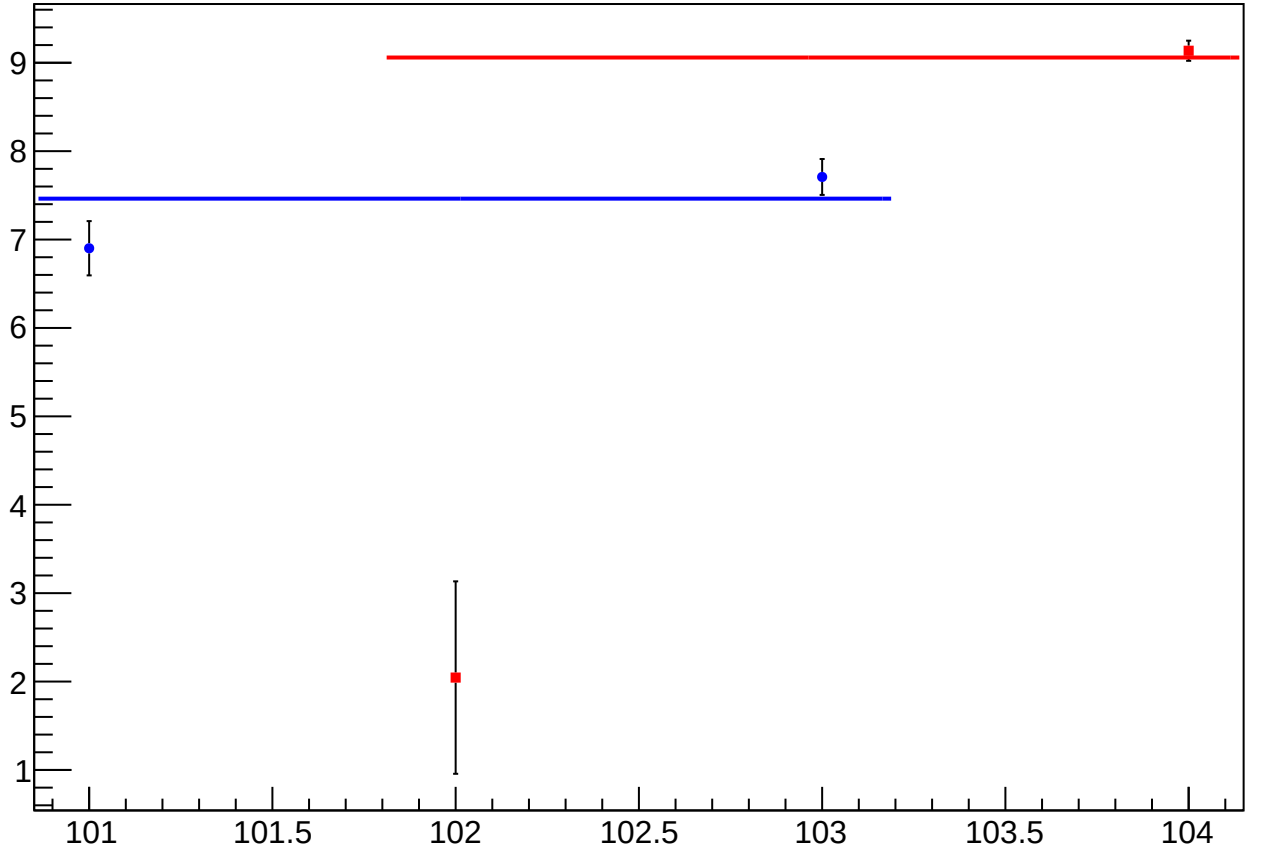
Right: -1.200+/-0.091 χ^2/NDF: 98.4/3

In: -0.251+/-0.163 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.200+/-0.091 χ^2/NDF: 98.4/3

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 7.463+/-0.169 χ^2/NDF: 4.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.059+/-0.113 χ^2/NDF: 42.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

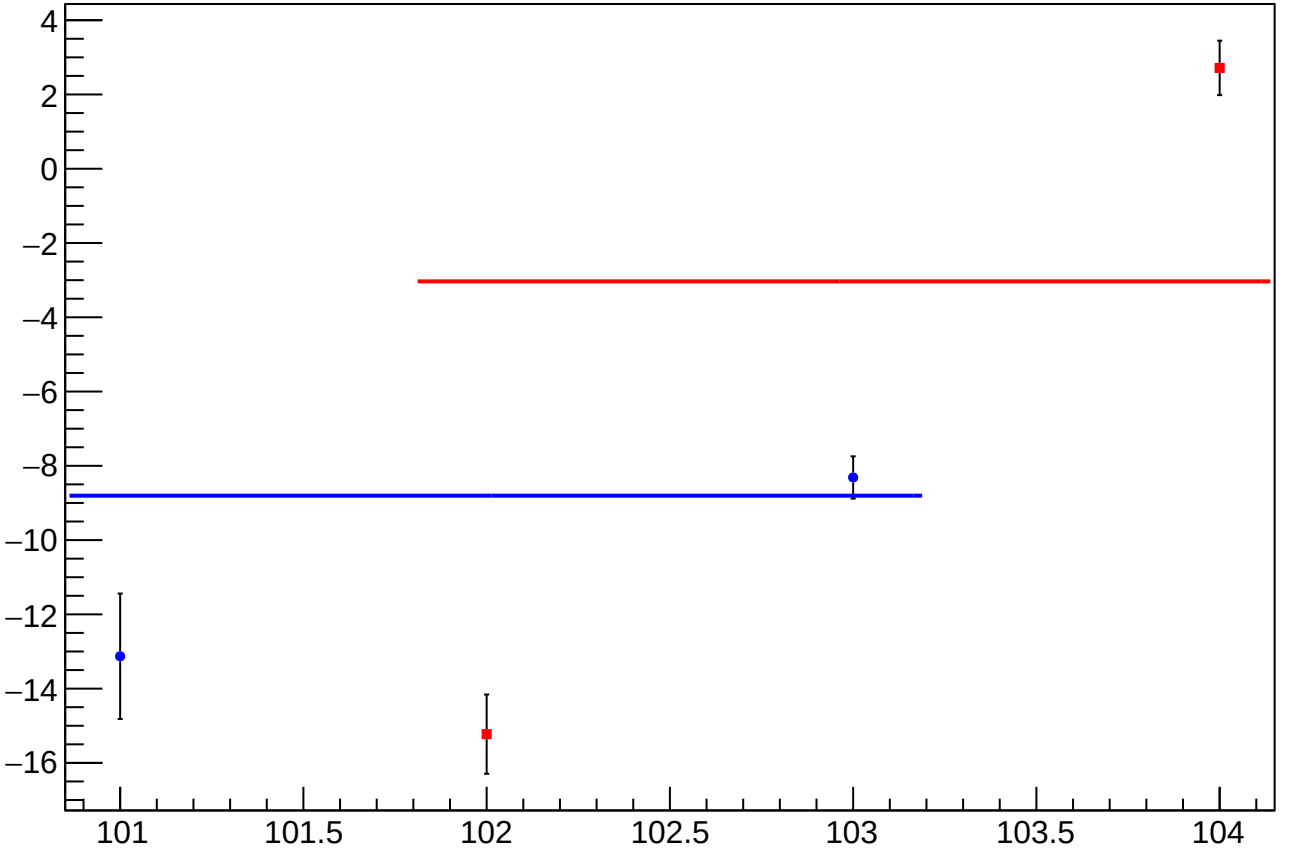
Right: 8.566+/-0.094 χ^2/NDF: 108.2/3

In: 7.463+/-0.169 χ^2/NDF:4.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.566+/-0.094 χ^2/NDF: 108.2/3

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -8.804+/-0.539 χ^2/NDF: 7.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.033+/-0.604 χ^2/NDF: 191.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

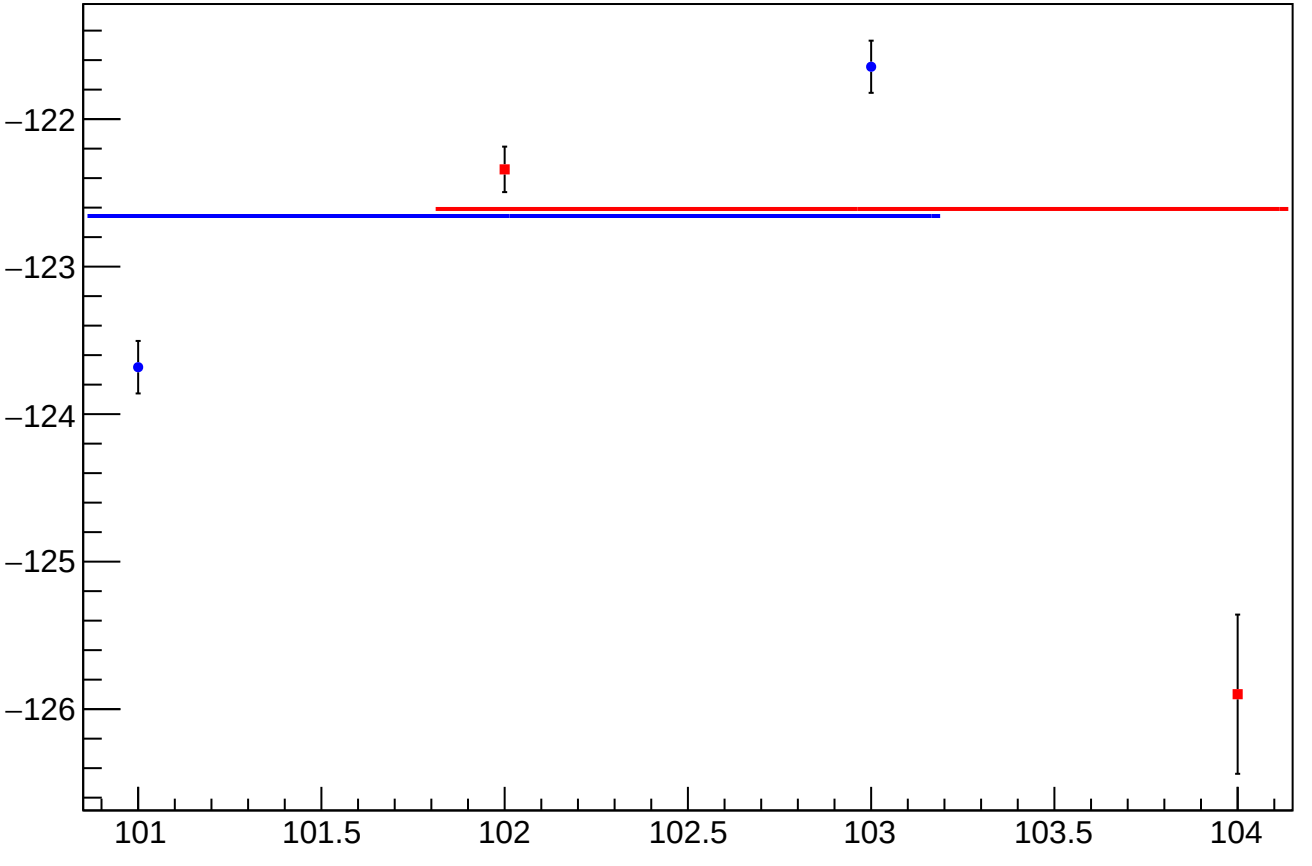
Right: -6.245+/-0.402 χ^2/NDF: 250.0/3

In: -8.804+/-0.539 χ^2/NDF:7.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -6.245+/-0.402 χ^2/NDF: 250.0/3

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -122.657+/-0.125 χ^2/NDF: 65.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -122.609+/-0.148 χ^2/NDF: 40.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

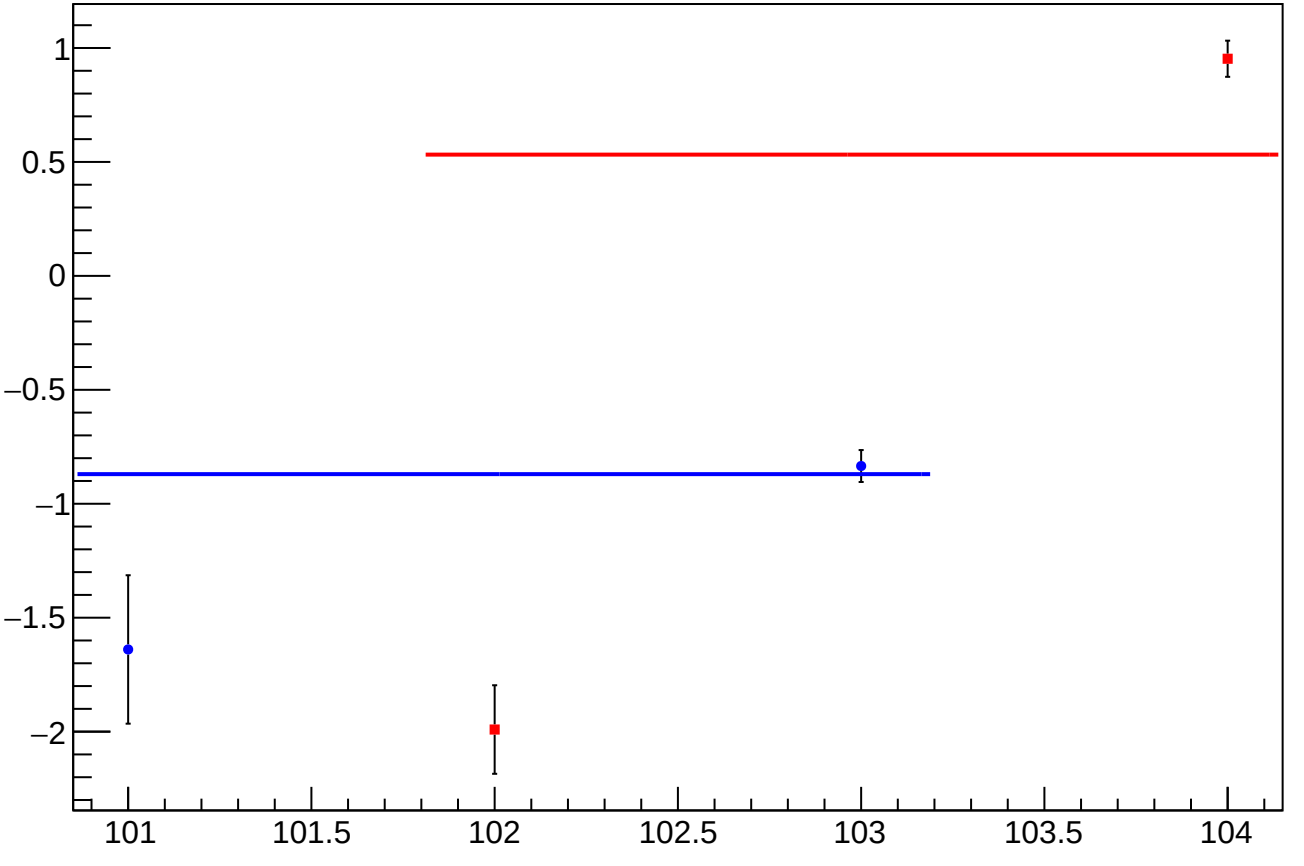
Right: -122.637+/-0.096 χ^2/NDF: 106.2/3

In: -122.657+/-0.125 χ^2/NDF:65.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -122.637+/-0.096 χ^2/NDF: 106.2/3

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: -0.870+/-0.068 χ^2/NDF: 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.532+/-0.073 χ^2/NDF: 196.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

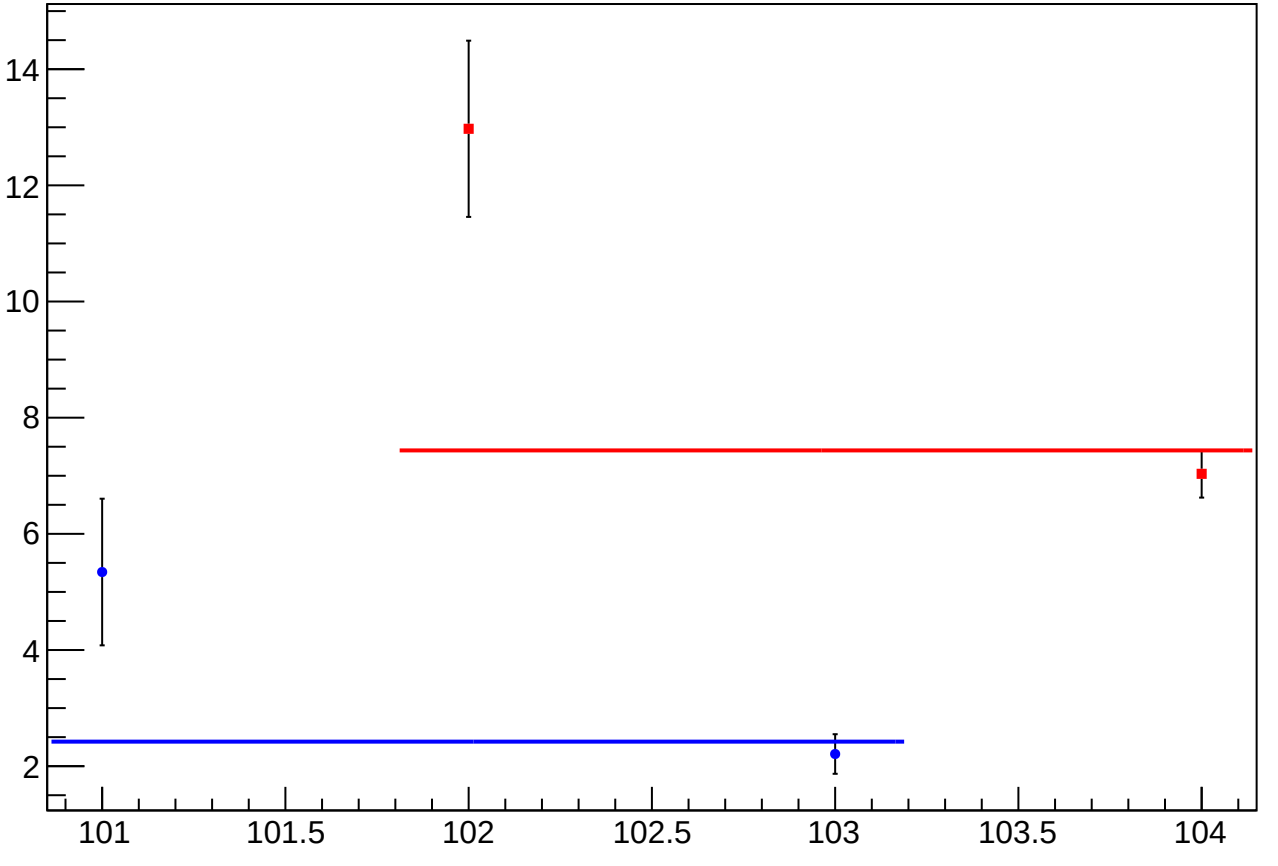
Right: -0.218+/-0.050 χ^2/NDF: 397.5/3

In: -0.870+/-0.068 χ^2/NDF:5.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.218+/-0.050 χ^2/NDF: 397.5/3

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 2.423+/-0.329 χ^2/NDF: 5.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.436+/-0.395 χ^2/NDF: 14.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

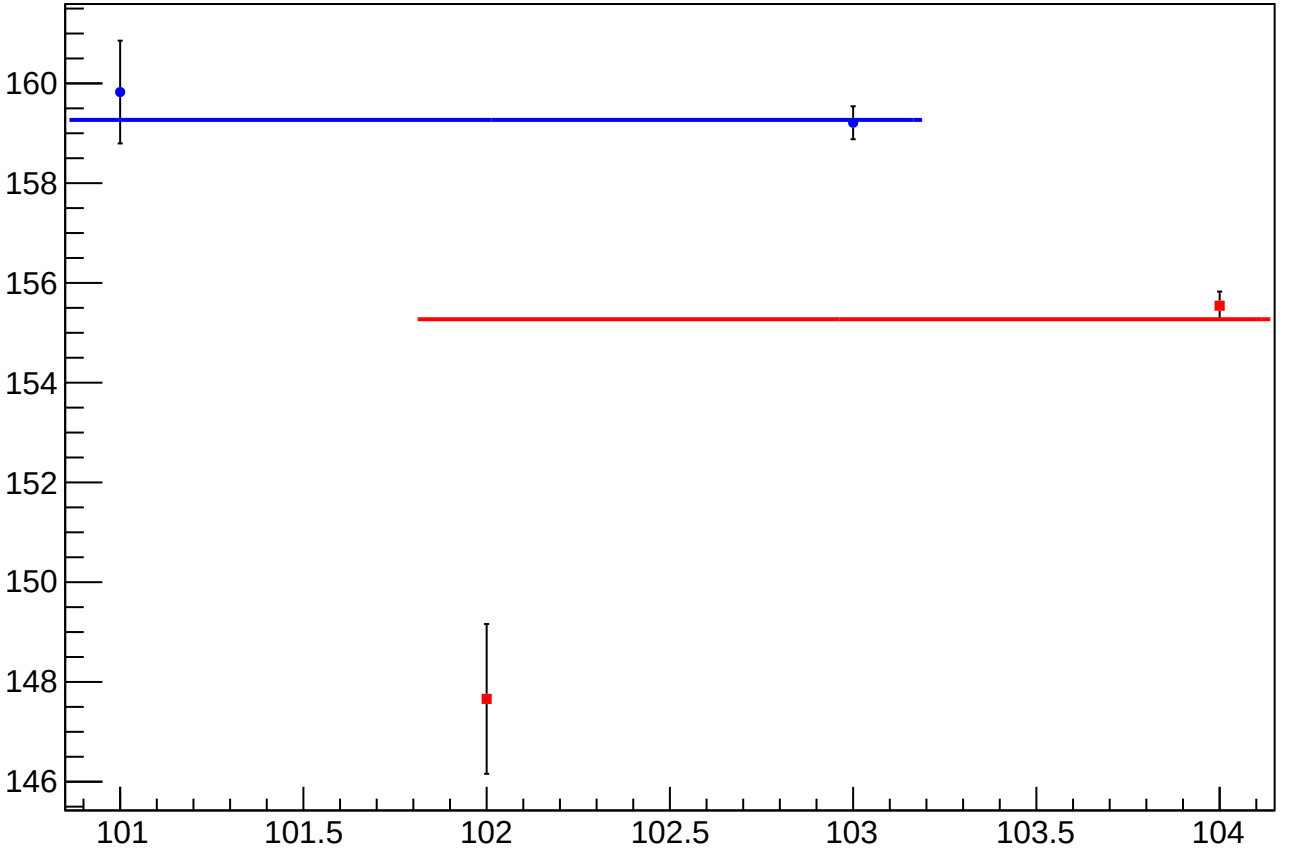
Right: 4.475+/-0.253 χ^2/NDF: 115.1/3

In: 2.423+/-0.329 χ^2/NDF:5.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.475+/-0.253 χ^2/NDF: 115.1/3

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 159.268+/-0.315 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 155.272+/-0.279 χ^2/NDF: 26.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

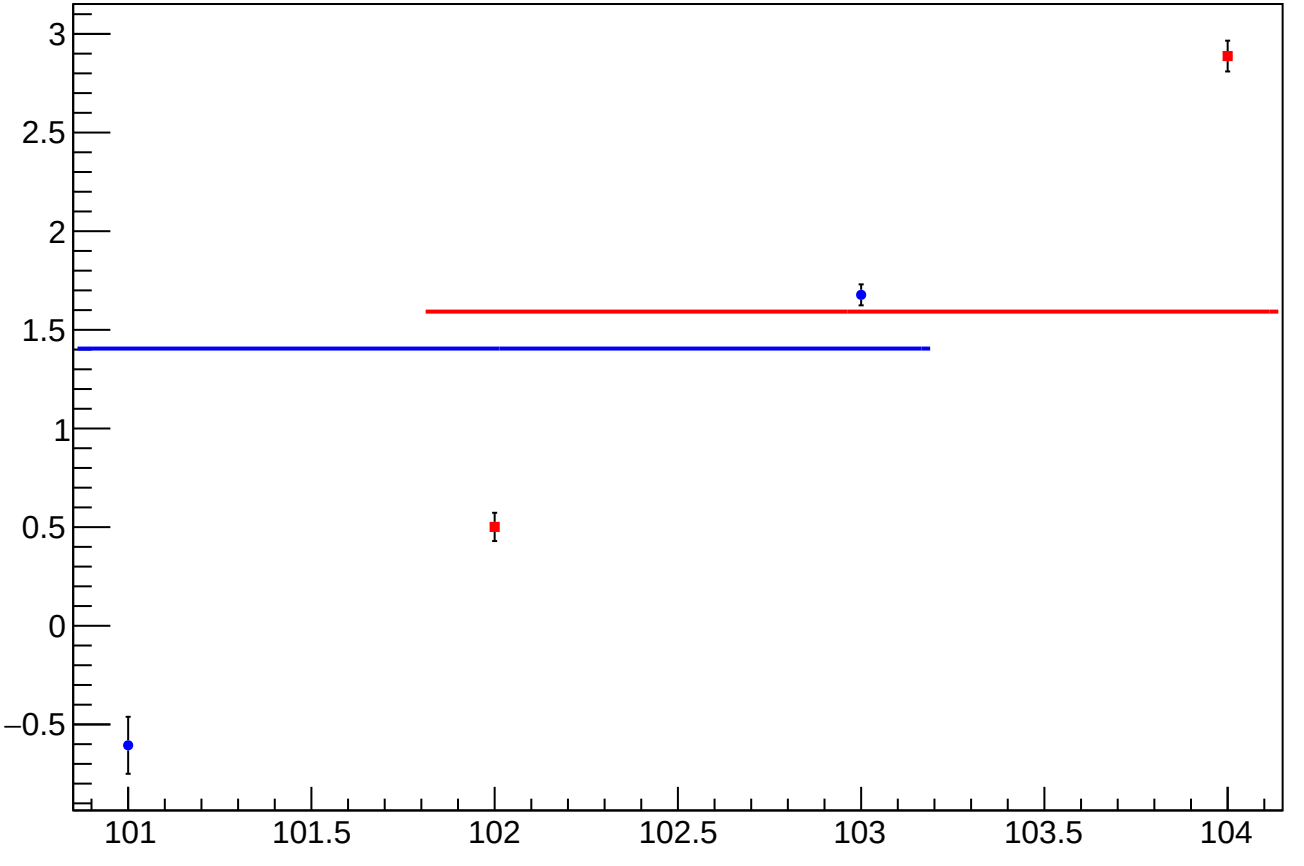
Right: 157.029+/-0.209 χ^2/NDF: 117.4/3

In: 159.268+/-0.315 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 157.029+/-0.209 χ^2/NDF: 117.4/3

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 1.405+/-0.050 χ^2/NDF: 220.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.592+/-0.053 χ^2/NDF: 507.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

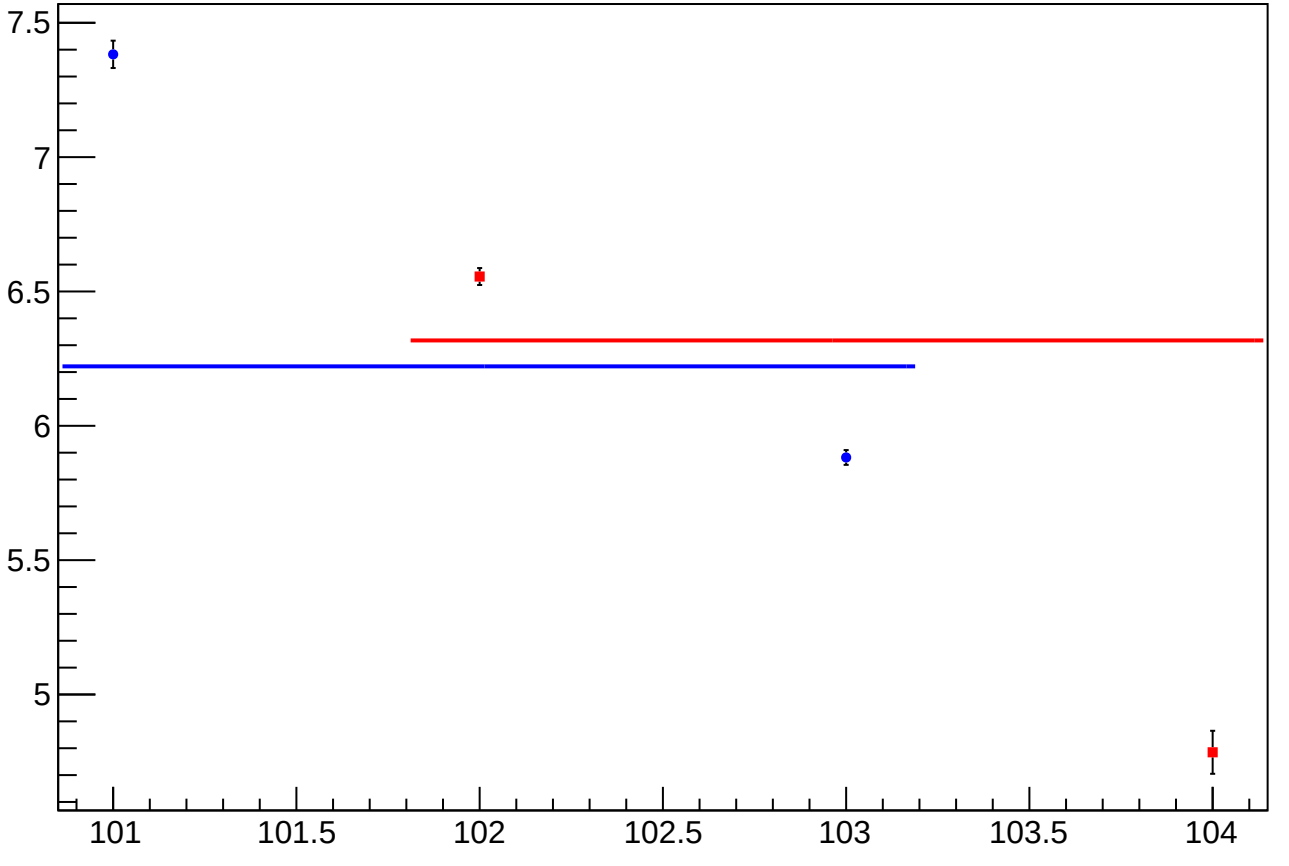
Right: 1.494+/-0.036 χ^2/NDF: 734.0/3

In: 1.405+/-0.050 χ^2/NDF:220.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.494+/-0.036 χ^2/NDF: 734.0/3

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: 6.221+/-0.024 χ^2/NDF: 672.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.318+/-0.029 χ^2/NDF: 423.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

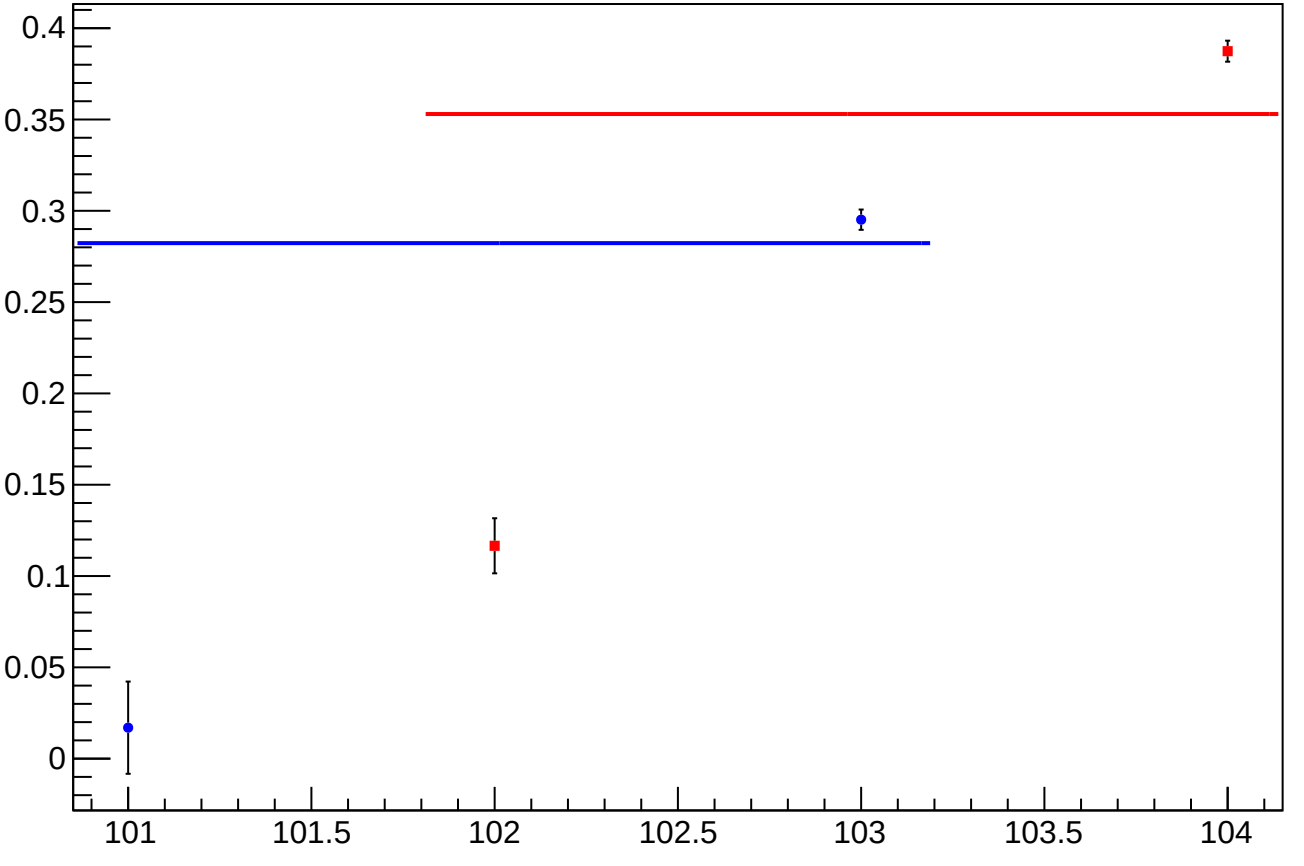
Right: 6.260+/-0.019 χ^2/NDF: 1102.7/3

In: 6.221+/-0.024 χ^2/NDF:672.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.260+/-0.019 χ^2/NDF: 1102.7/3

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.282+/-0.005 χ^2/NDF: 115.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.353+/-0.005 χ^2/NDF: 281.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

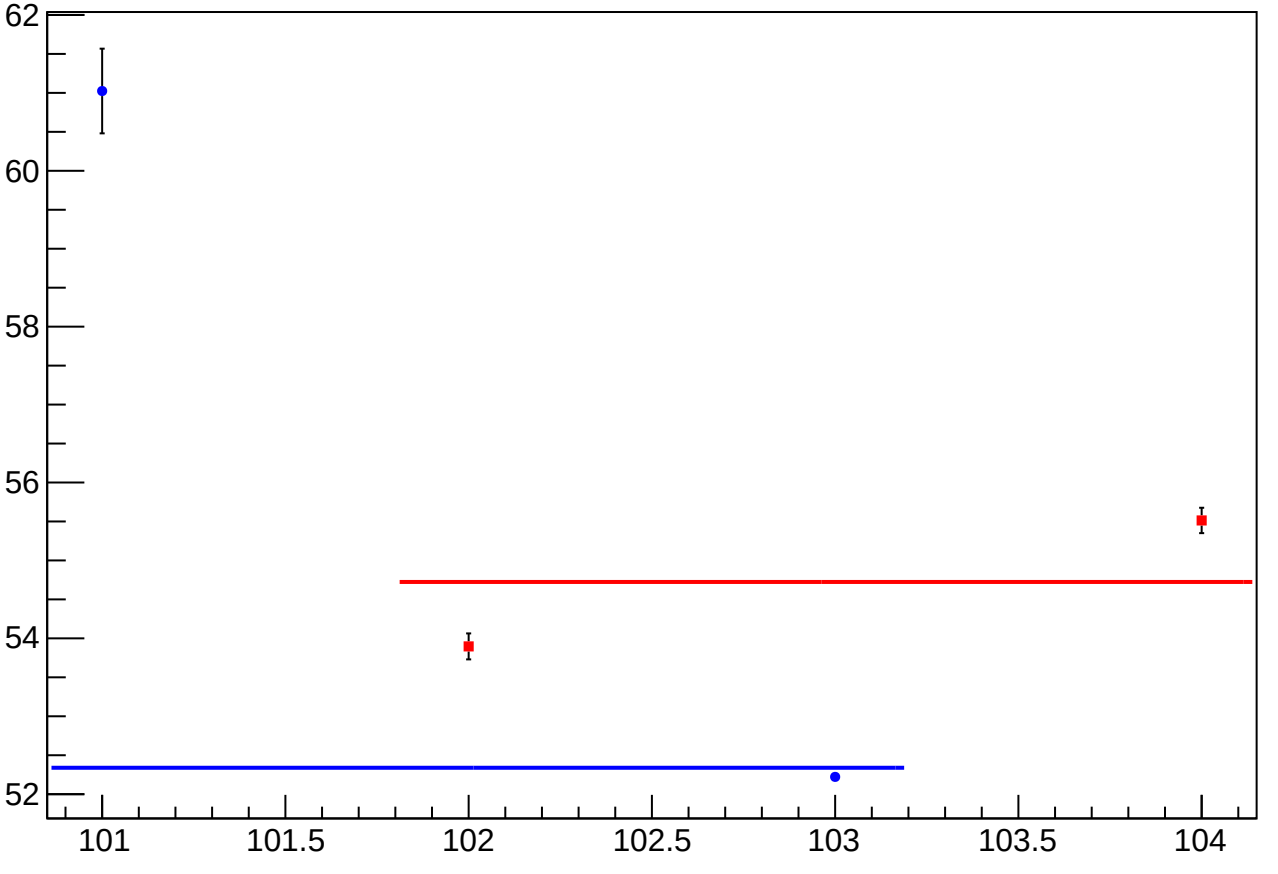
Right: 0.318+/-0.004 χ^2/NDF: 482.8/3

In: 0.282+/-0.005 χ^2/NDF:115.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.318+/-0.004 χ^2/NDF: 482.8/3

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 52.339+/-0.063 χ^2/NDF: 258.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 54.724+/-0.116 χ^2/NDF: 48.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

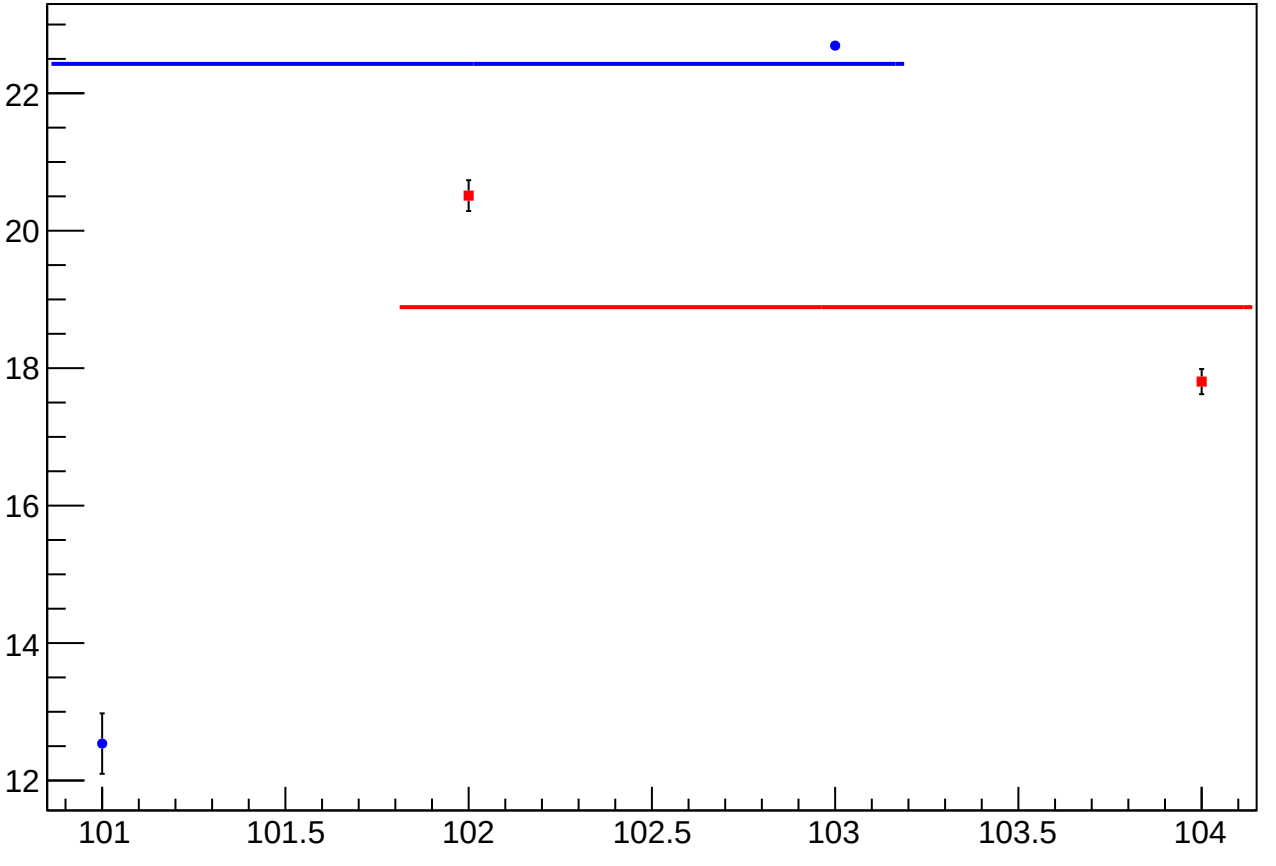
Right: 52.875+/-0.055 χ^2/NDF: 632.1/3

In: 52.339+/-0.063 χ^2/NDF:258.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 52.875+/-0.055 χ^2/NDF: 632.1/3

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 22.428+/-0.071 χ^2/NDF: 519.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.888+/-0.142 χ^2/NDF: 87.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

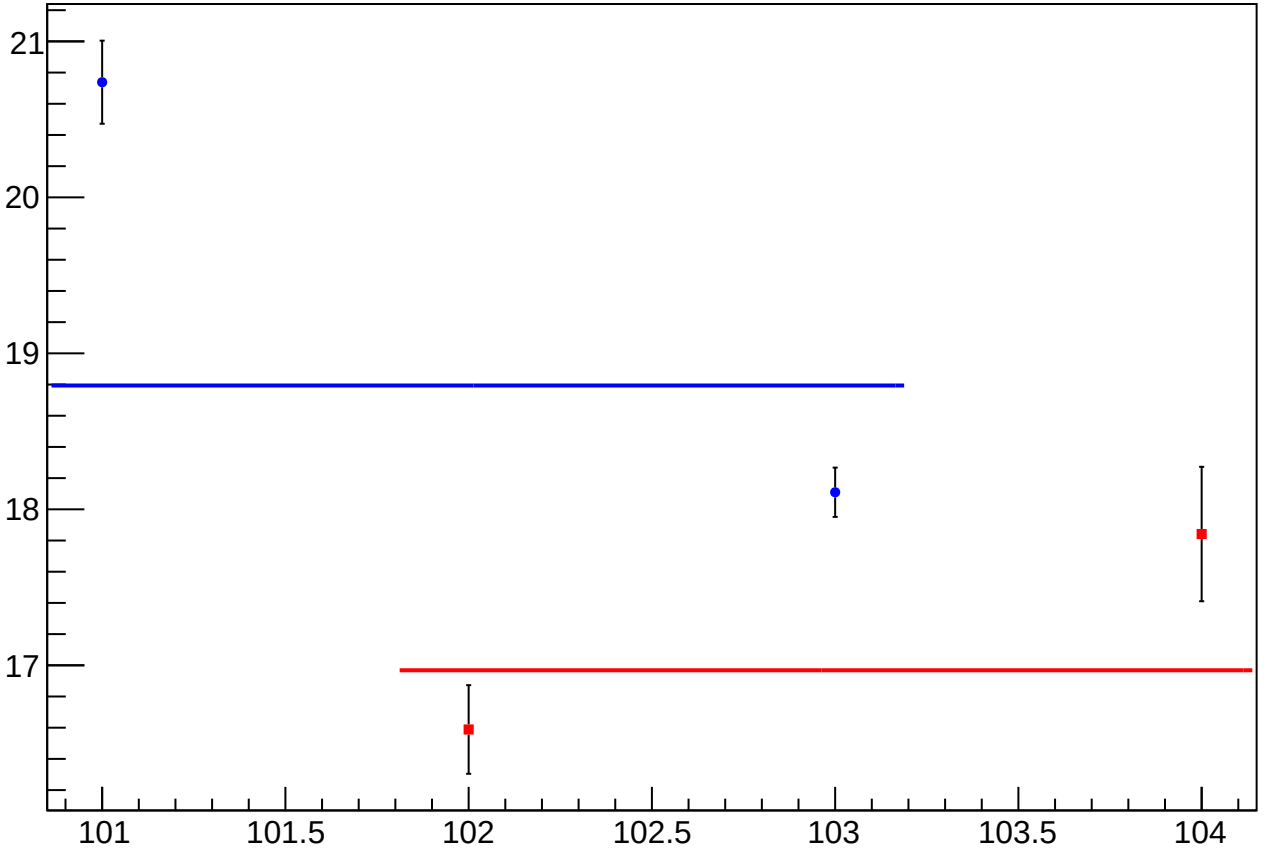
Right: 21.715+/-0.064 χ^2/NDF: 1106.0/3

In: 22.428+/-0.071 χ^2/NDF:519.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 21.715+/-0.064 χ^2/NDF: 1106.0/3

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 18.794+/-0.136 χ^2/NDF: 72.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.968+/-0.237 χ^2/NDF: 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

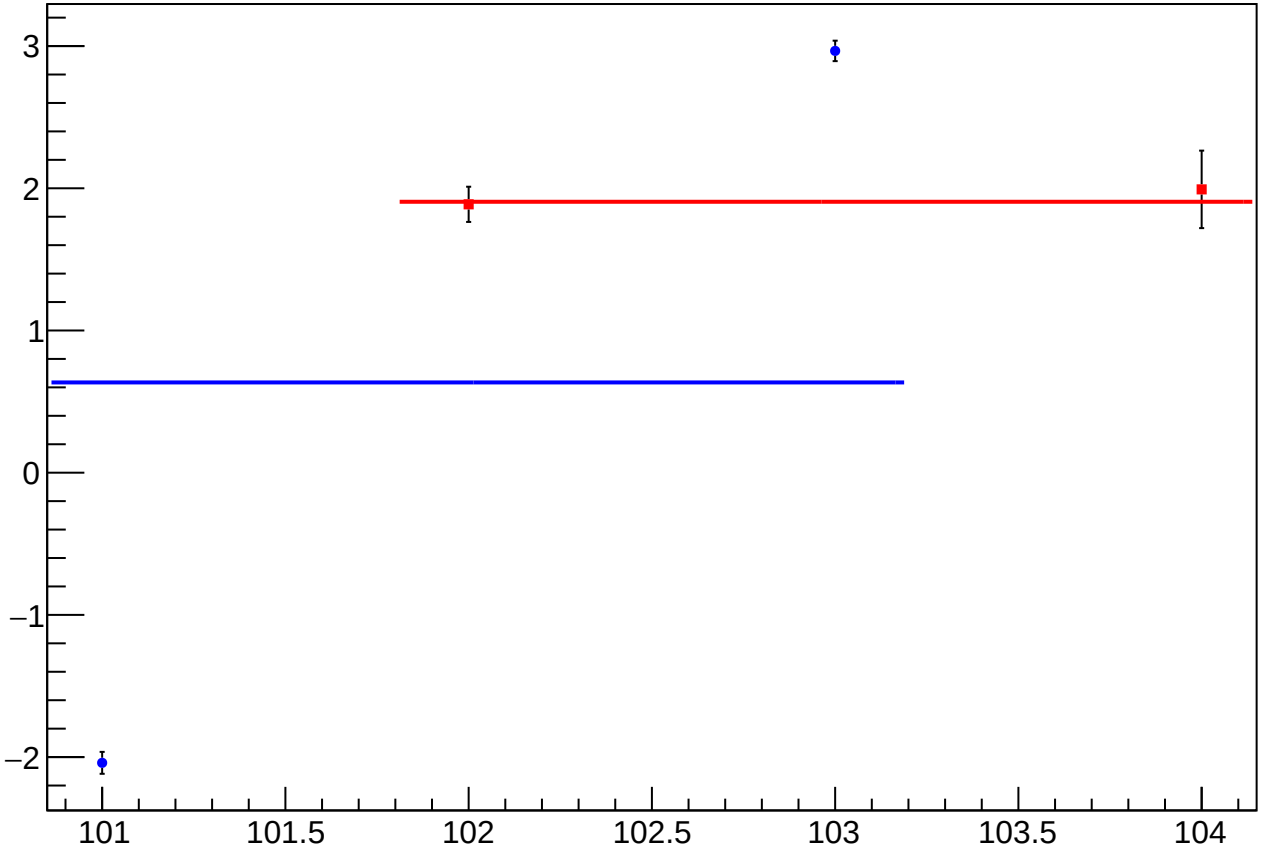
Right: 18.343+/-0.118 χ^2/NDF: 122.6/3

In: 18.794+/-0.136 χ^2/NDF:72.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.343+/-0.118 χ^2/NDF: 122.6/3

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 0.635+/-0.053 χ^2/NDF: 2256.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.905+/-0.113 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

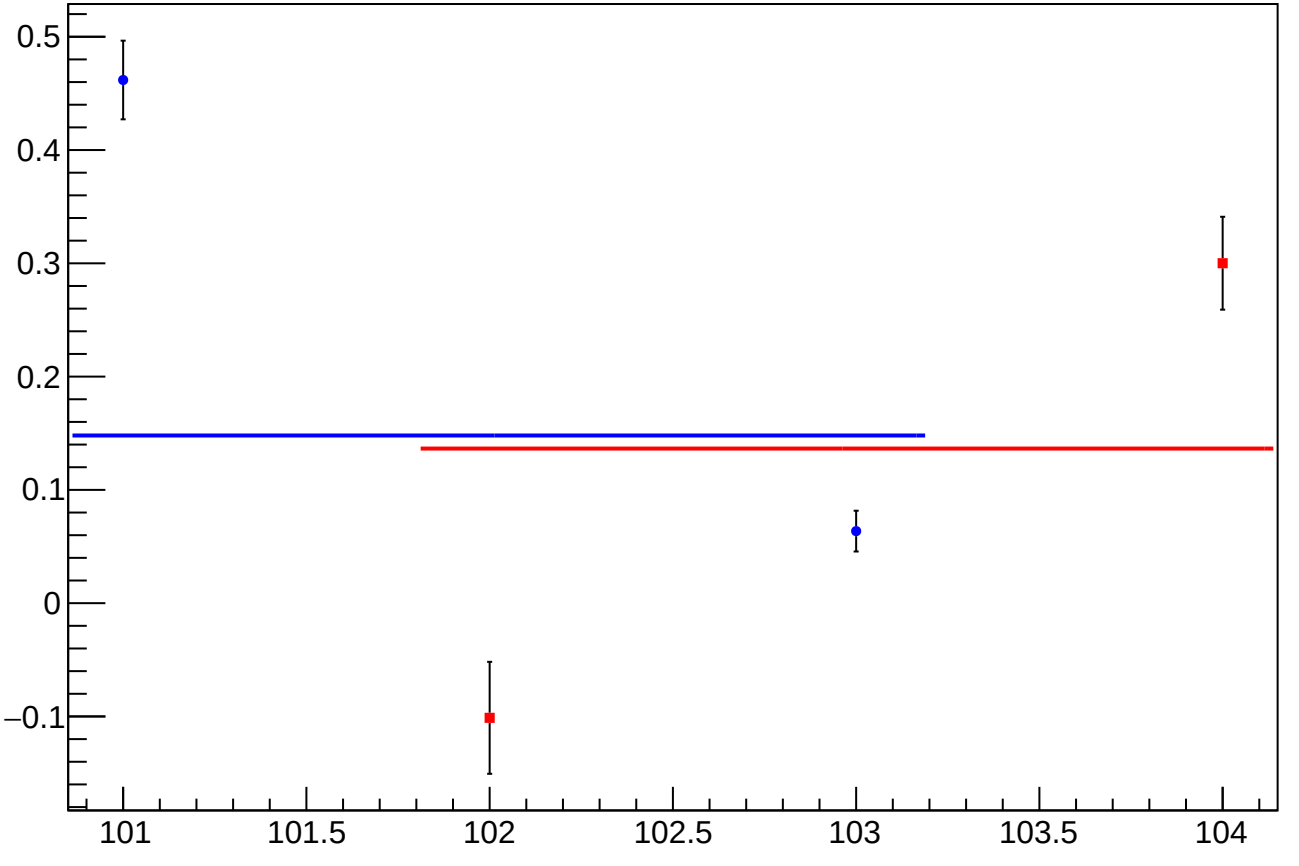
Right: 0.862+/-0.048 χ^2/NDF: 2360.8/3

In: 0.635+/-0.053 χ^2/NDF:2256.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.862+/-0.048 χ^2/NDF: 2360.8/3

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.148+/-0.016 χ^2/NDF: 103.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.136+/-0.032 χ^2/NDF: 39.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

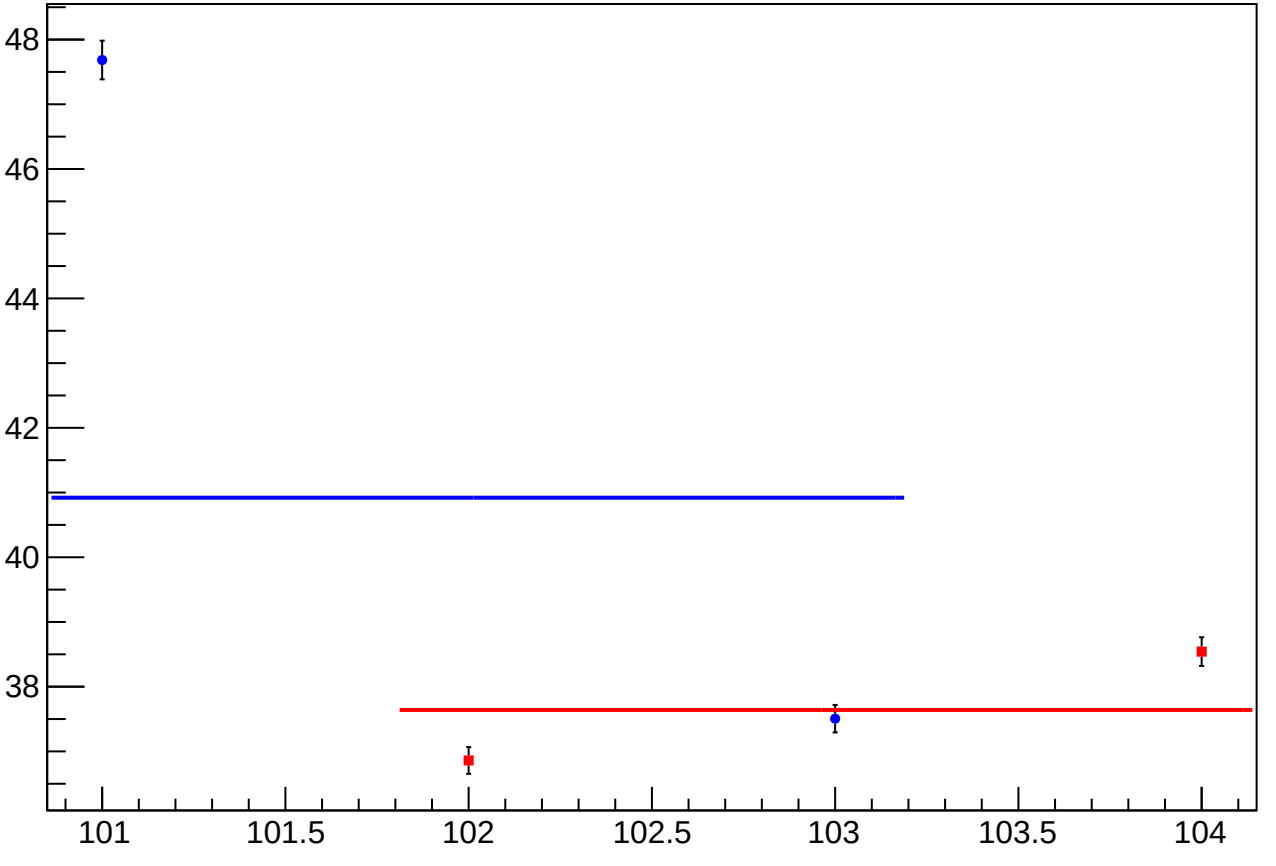
Right: 0.146+/-0.014 χ^2/NDF: 142.9/3

In: 0.148+/-0.016 χ^2/NDF:103.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.146+/-0.014 χ^2/NDF: 142.9/3

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 40.921+/-0.173 χ^2/NDF: 769.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 37.640+/-0.151 χ^2/NDF: 30.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

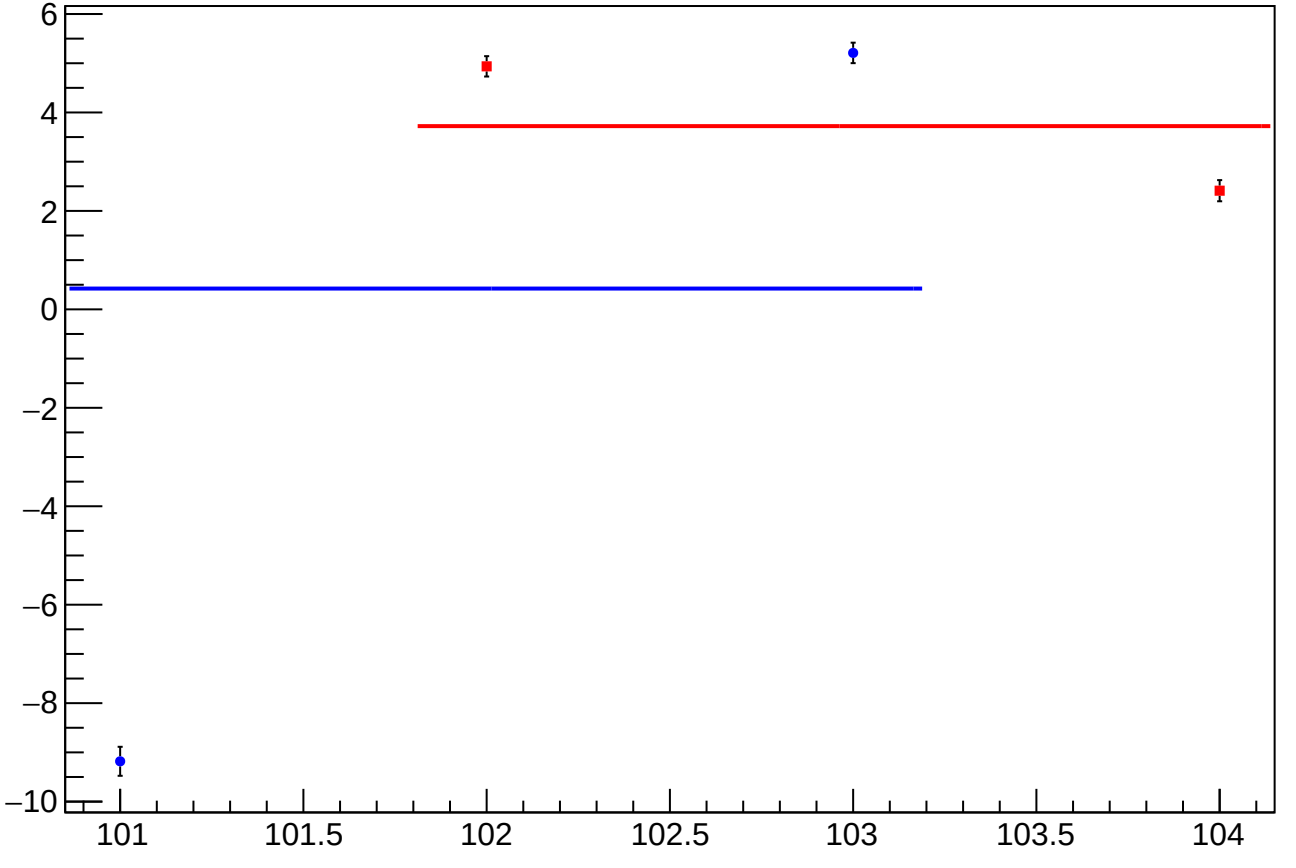
Right: 39.058+/-0.114 χ^2/NDF: 1004.3/3

In: 40.921+/-0.173 χ^2/NDF:769.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 39.058+/-0.114 χ^2/NDF: 1004.3/3

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 0.423+/-0.170 χ^2/NDF: 1592.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.722+/-0.149 χ^2/NDF: 71.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

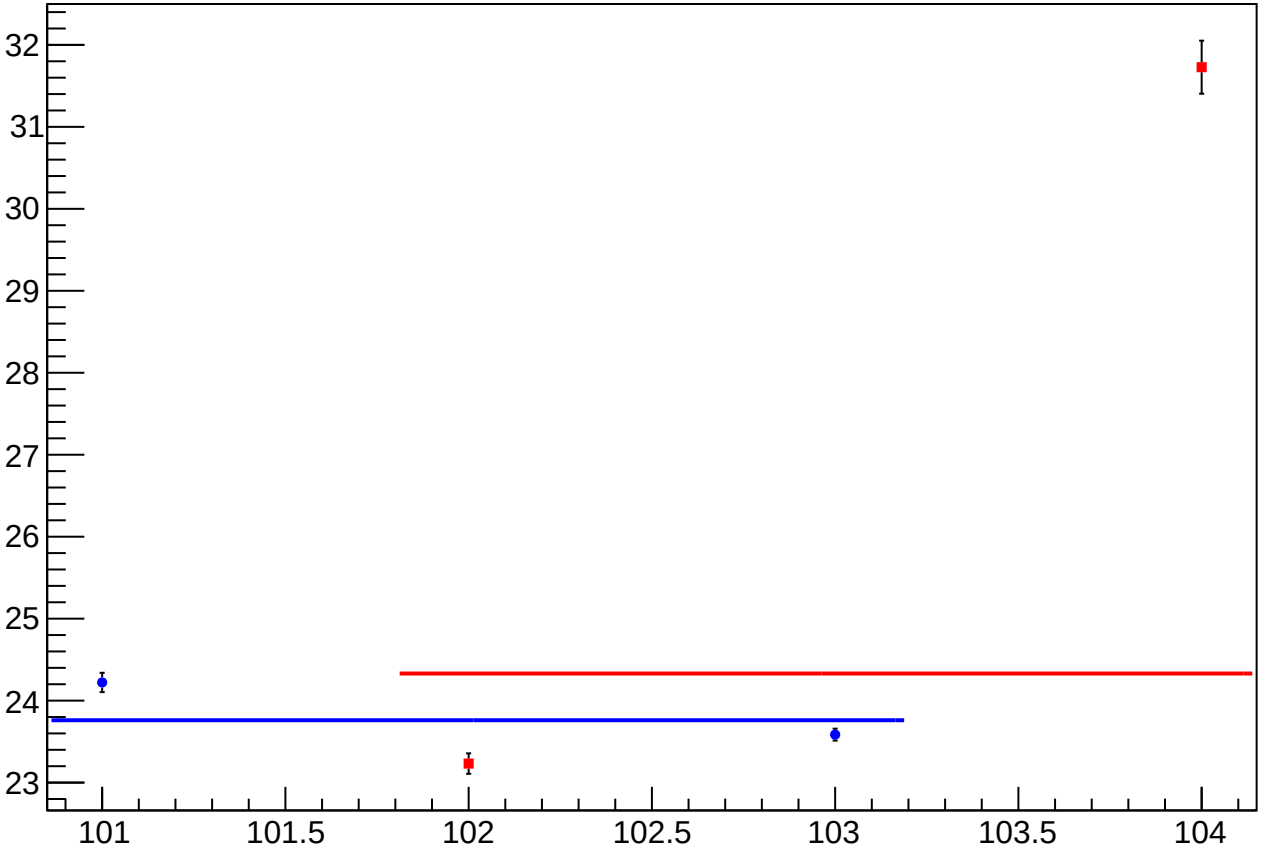
Right: 2.288+/-0.112 χ^2/NDF: 1877.8/3

In: 0.423+/-0.170 χ^2/NDF:1592.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.288+/-0.112 χ^2/NDF: 1877.8/3

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 23.761+/-0.062 χ^2/NDF: 21.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 24.331+/-0.116 χ^2/NDF: 600.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

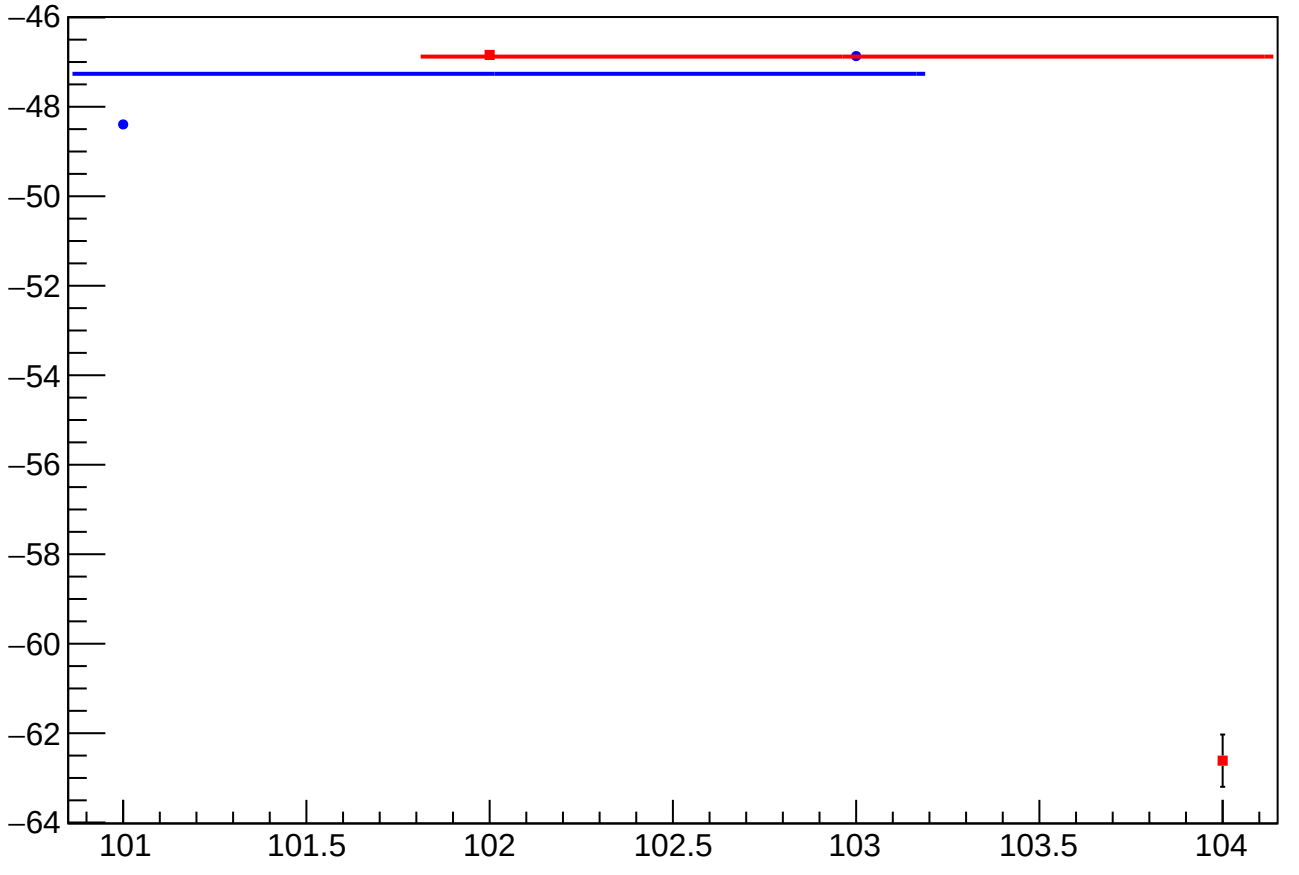
Right: 23.886+/-0.055 χ^2/NDF: 639.8/3

In: 23.761+/-0.062 χ^2/NDF:21.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 23.886+/-0.055 χ^2/NDF: 639.8/3

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -47.263+/-0.026 χ^2/NDF: 662.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -46.878+/-0.028 χ^2/NDF: 727.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

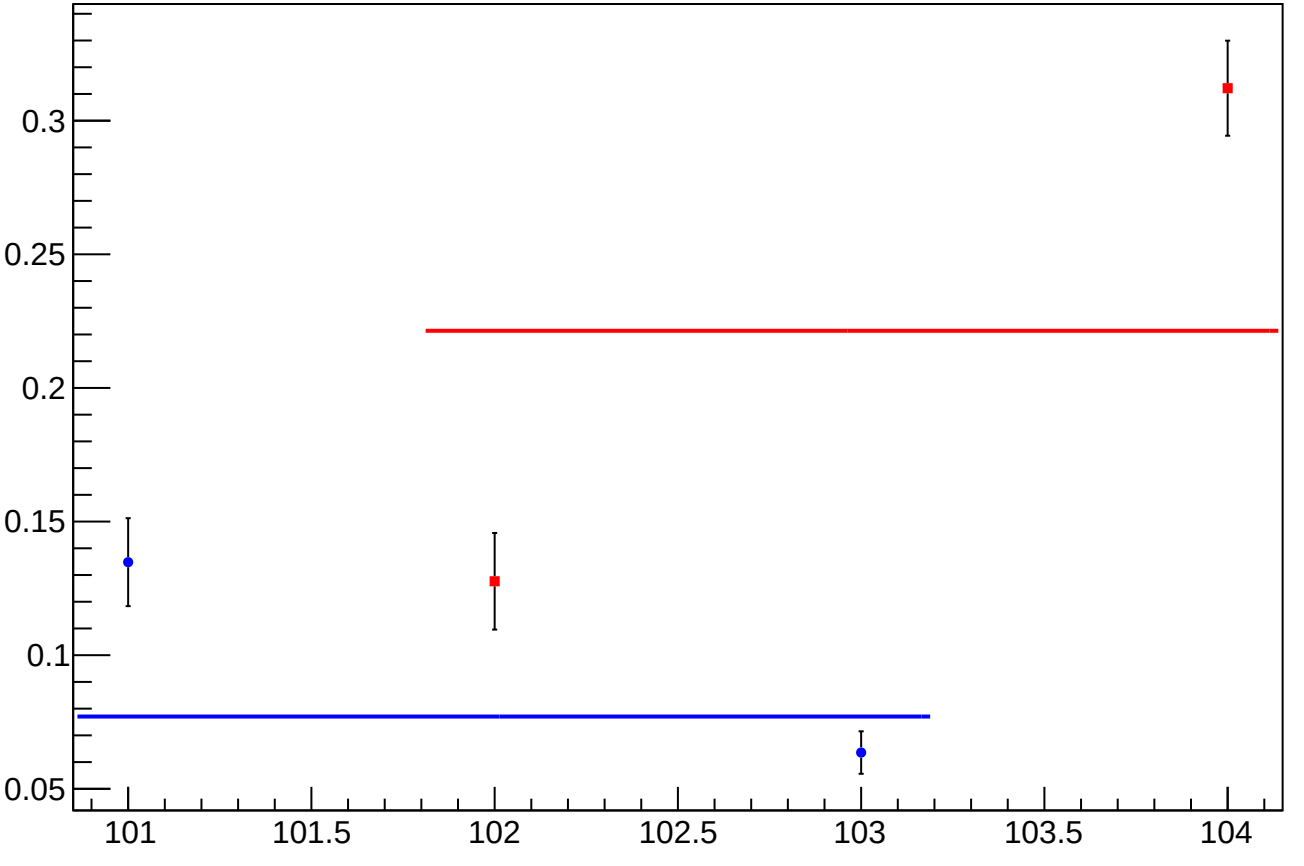
Right: -47.086+/-0.019 χ^2/NDF: 1490.5/3

In: -47.263+/-0.026 χ^2/NDF:662.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -47.086+/-0.019 χ^2/NDF: 1490.5/3

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.077+/-0.007 χ^2/NDF: 15.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.221+/-0.013 χ^2/NDF: 52.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

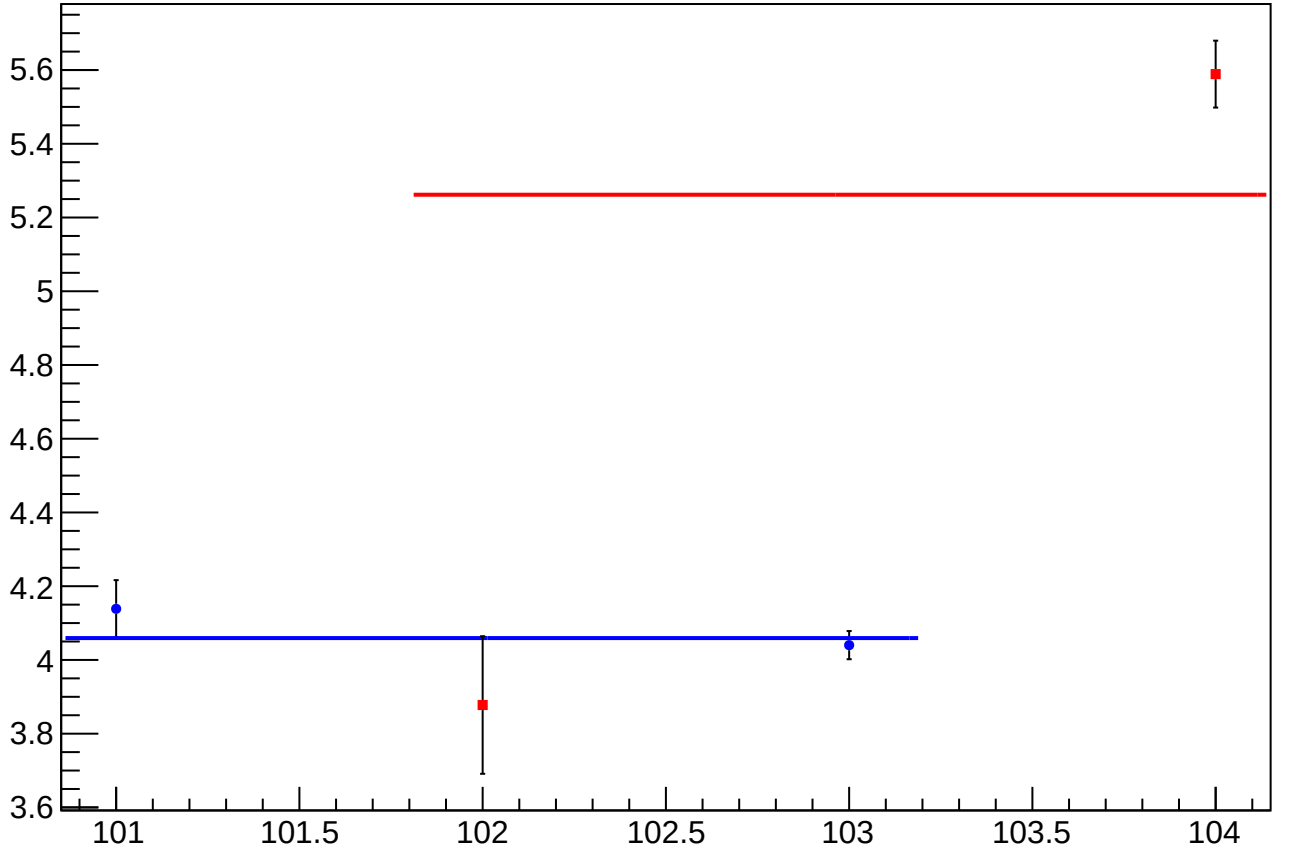
Right: 0.112+/-0.006 χ^2/NDF: 166.4/3

In: 0.077+/-0.007 χ^2/NDF:15.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.112+/-0.006 χ^2/NDF: 166.4/3

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 4.059+/-0.034 χ^2/NDF: 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.262+/-0.082 χ^2/NDF: 68.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

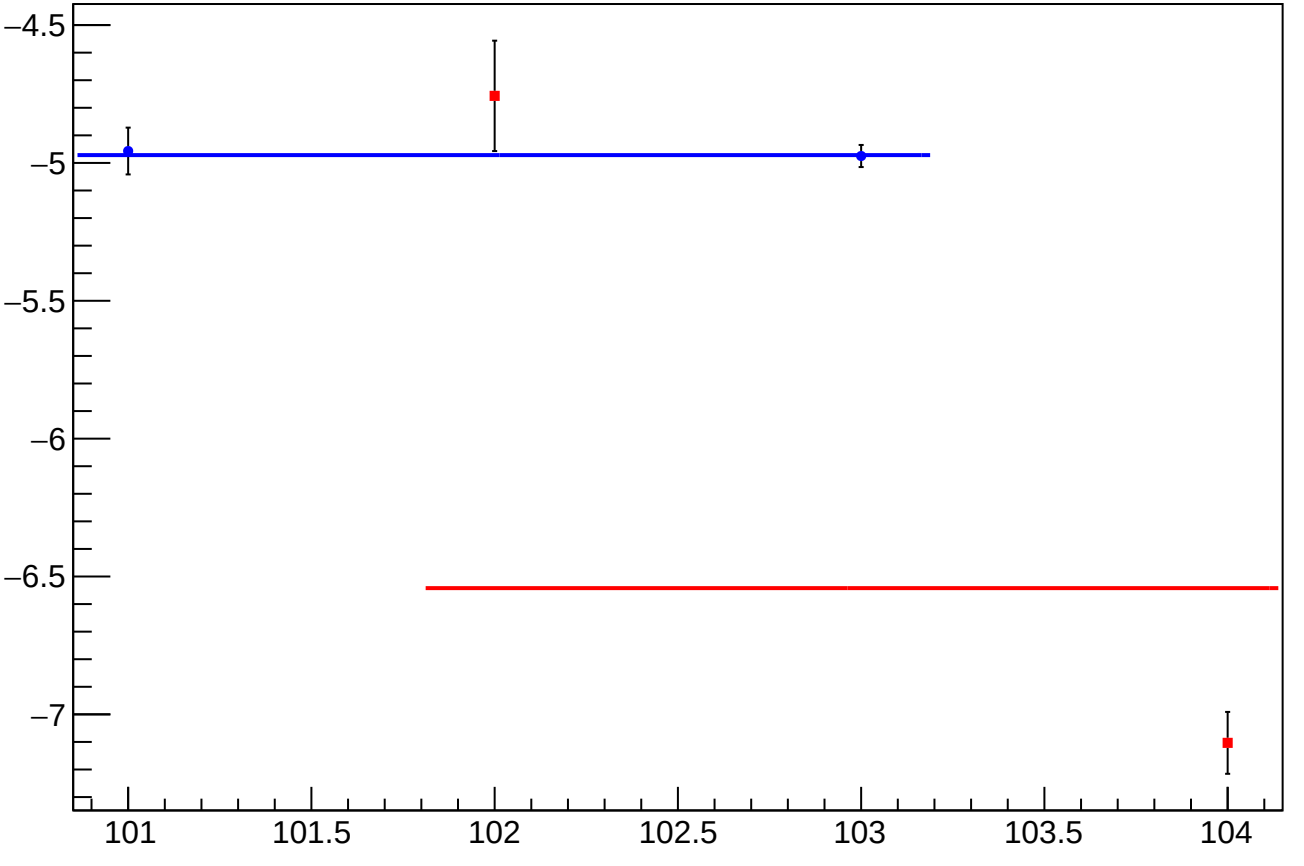
Right: 4.240+/-0.032 χ^2/NDF: 254.0/3

In: 4.059+/-0.034 χ^2/NDF:1.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.240+/-0.032 χ^2/NDF: 254.0/3

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -4.972+/-0.036 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.542+/-0.098 χ^2/NDF: 104.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

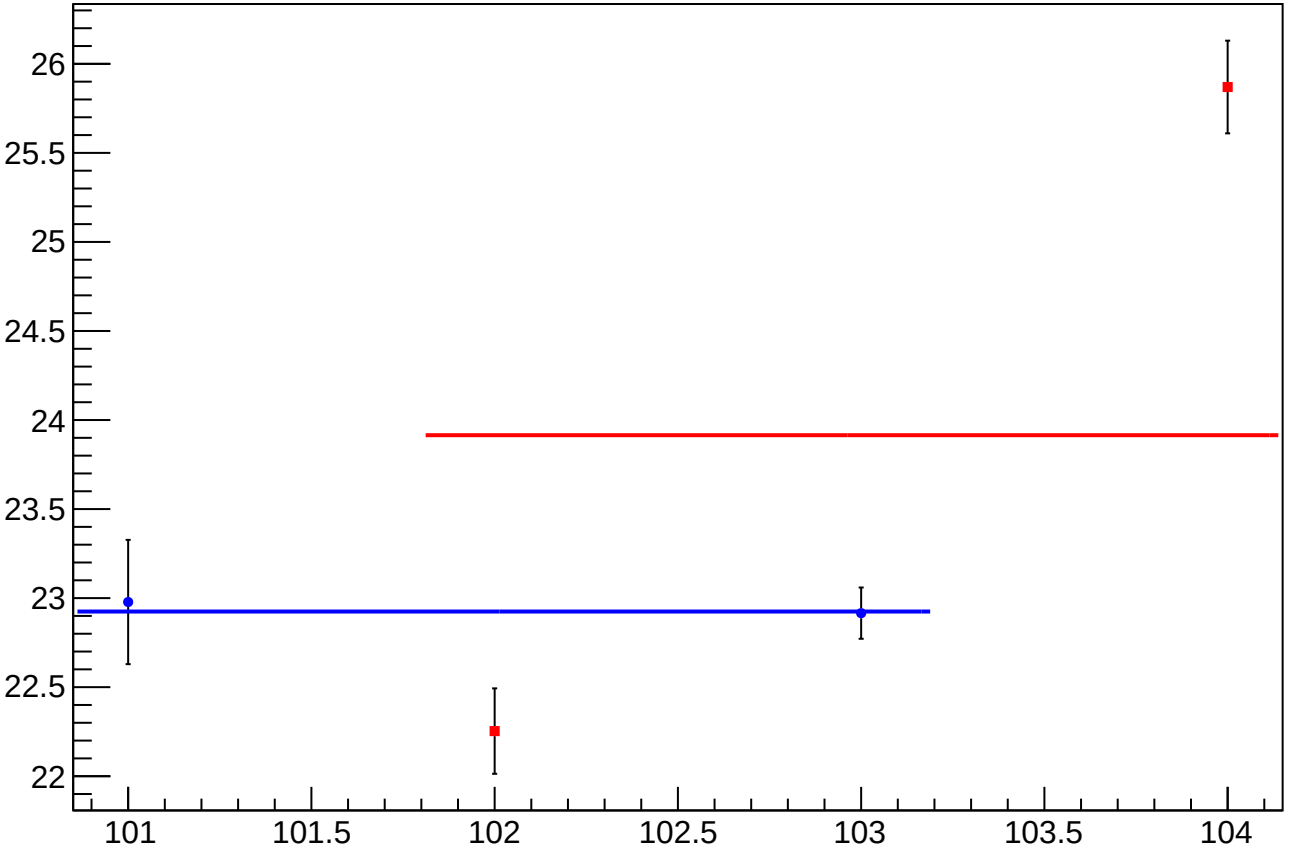
Right: -5.161+/-0.034 χ^2/NDF: 330.9/3

In: -4.972+/-0.036 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.161+/-0.034 χ^2/NDF: 330.9/3

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 22.925+/-0.133 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 23.915+/-0.176 χ^2/NDF: 104.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

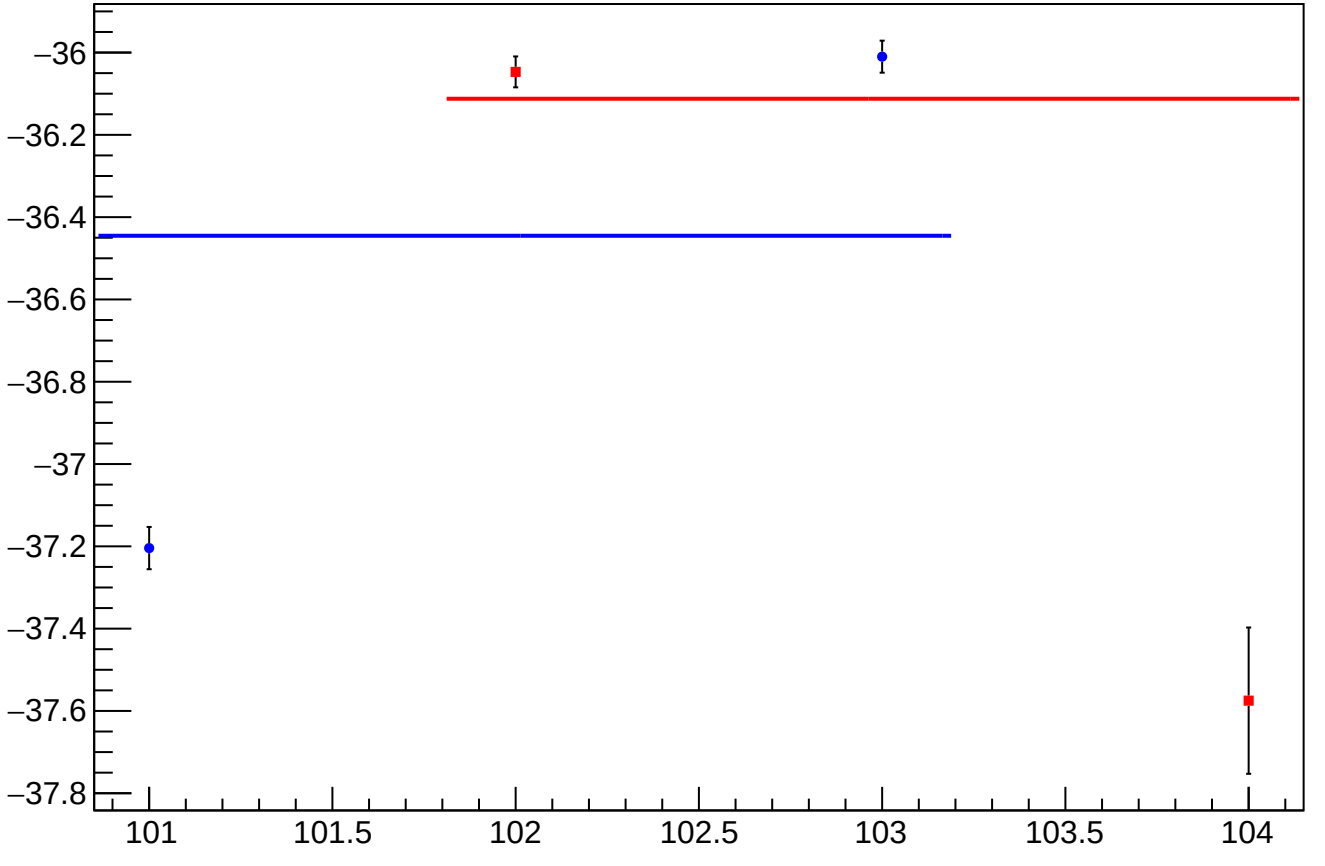
Right: 23.284+/-0.106 χ^2/NDF: 124.6/3

In: 22.925+/-0.133 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 23.284+/-0.106 χ^2/NDF: 124.6/3

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -36.445+/-0.031 χ^2/NDF: 343.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36.112+/-0.037 χ^2/NDF: 70.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

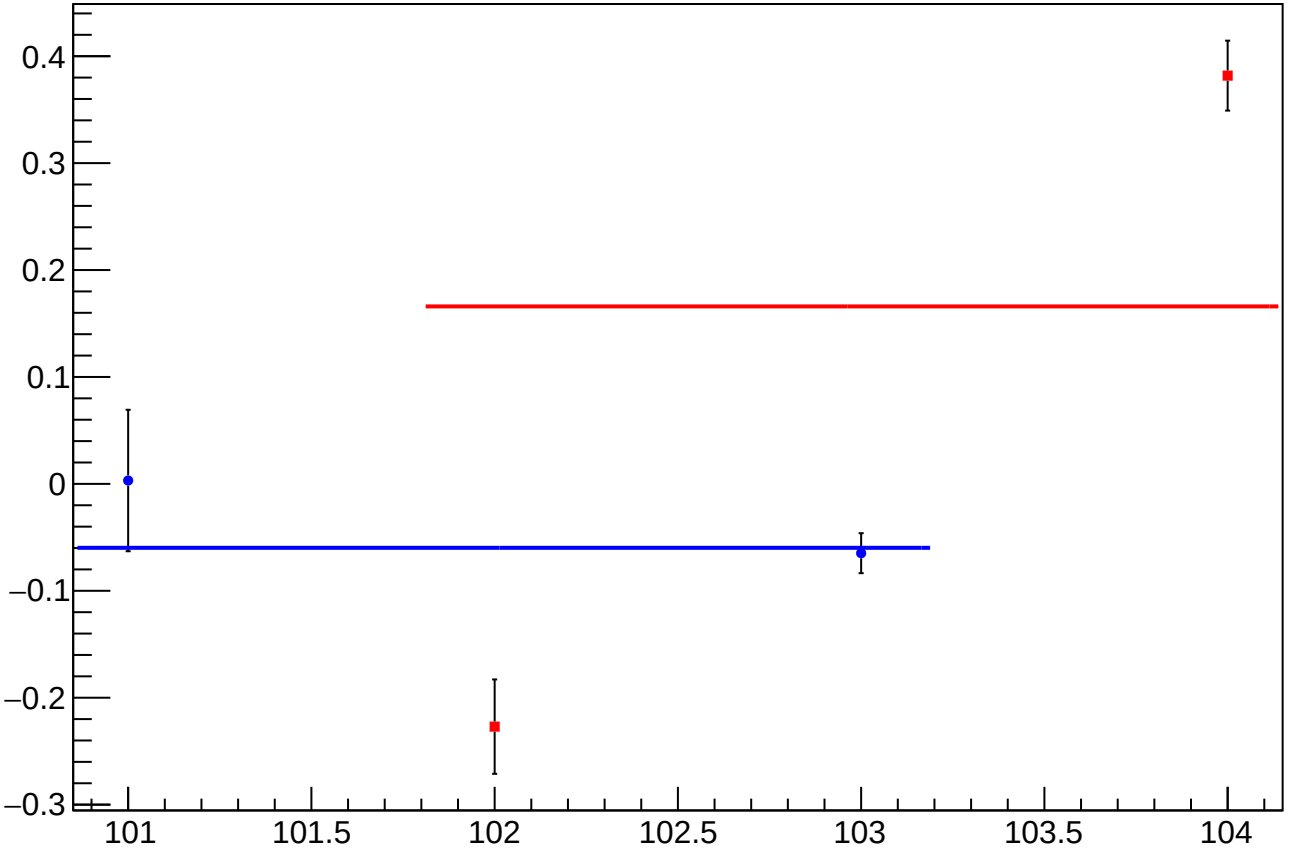
Right: -36.307+/-0.024 χ^2/NDF: 462.3/3

In: -36.445+/-0.031 χ^2/NDF:343.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -36.307+/-0.024 χ^2/NDF: 462.3/3

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: -0.060+/-0.018 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.166+/-0.026 χ^2/NDF: 122.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

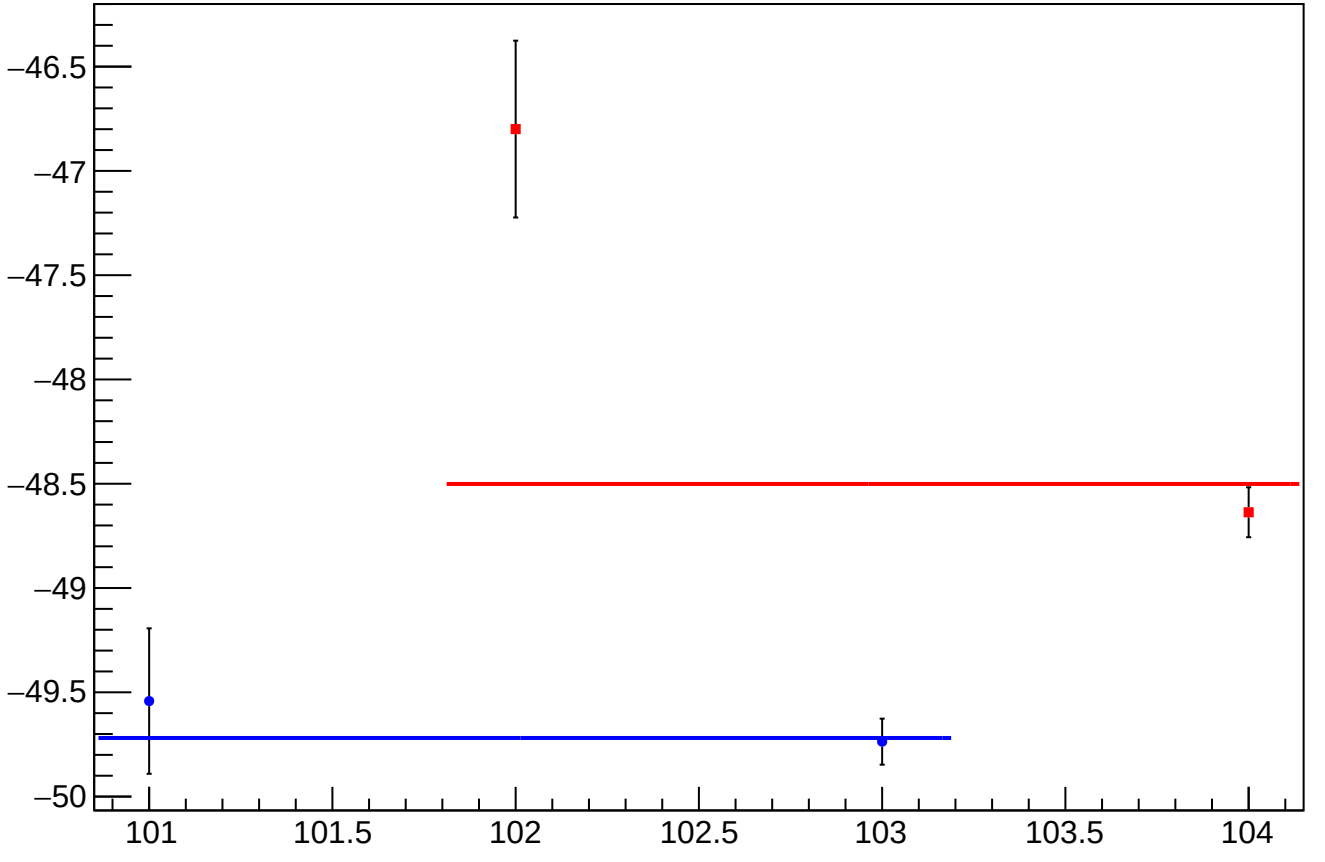
Right: 0.012+/-0.015 χ^2/NDF: 174.1/3

In: -0.060+/-0.018 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.012+/-0.015 χ^2/NDF: 174.1/3

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -49.719+/-0.105 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -48.501+/-0.115 χ^2/NDF: 17.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

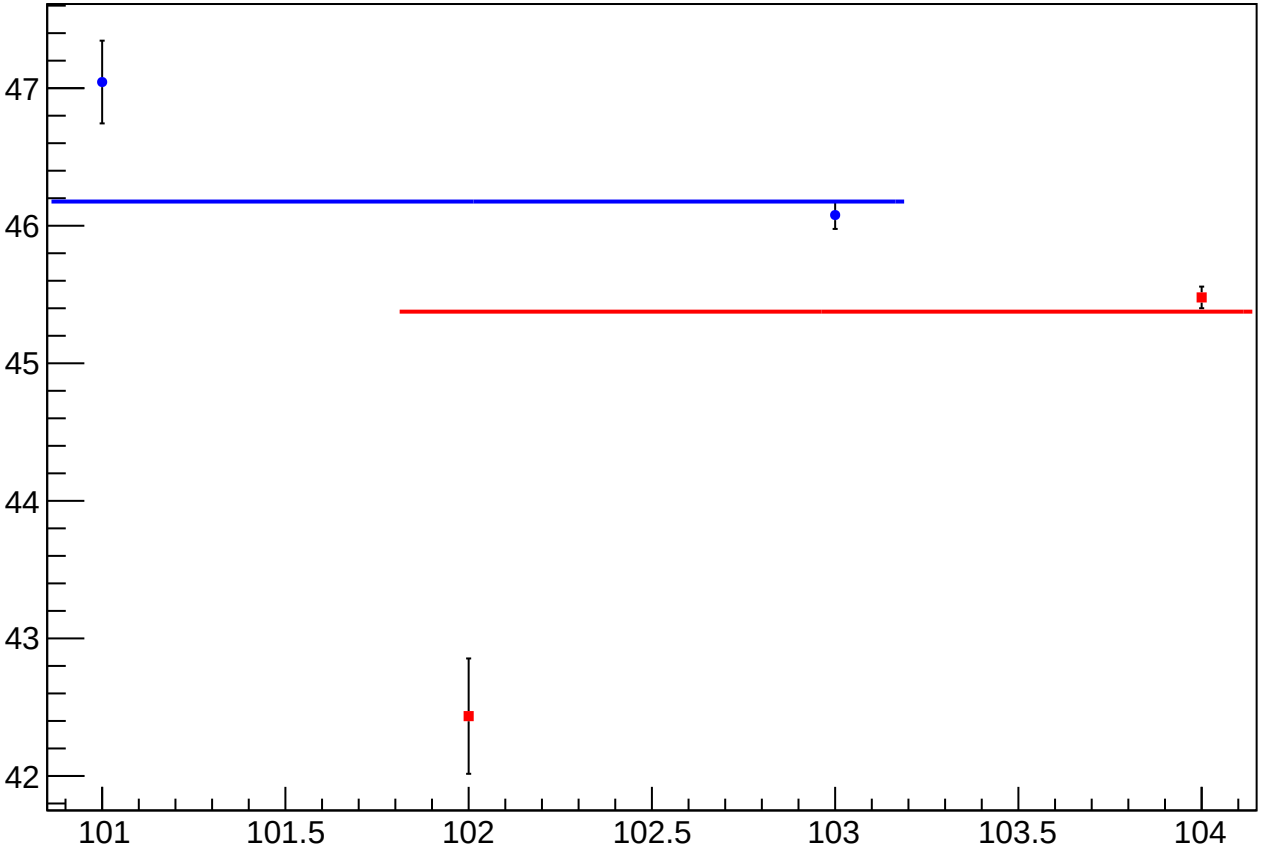
Right: -49.165+/-0.078 χ^2/NDF: 78.6/3

In: -49.719+/-0.105 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -49.165+/-0.078 χ^2/NDF: 78.6/3

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 46.176+/-0.096 χ^2/NDF: 9.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 45.375+/-0.077 χ^2/NDF: 50.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

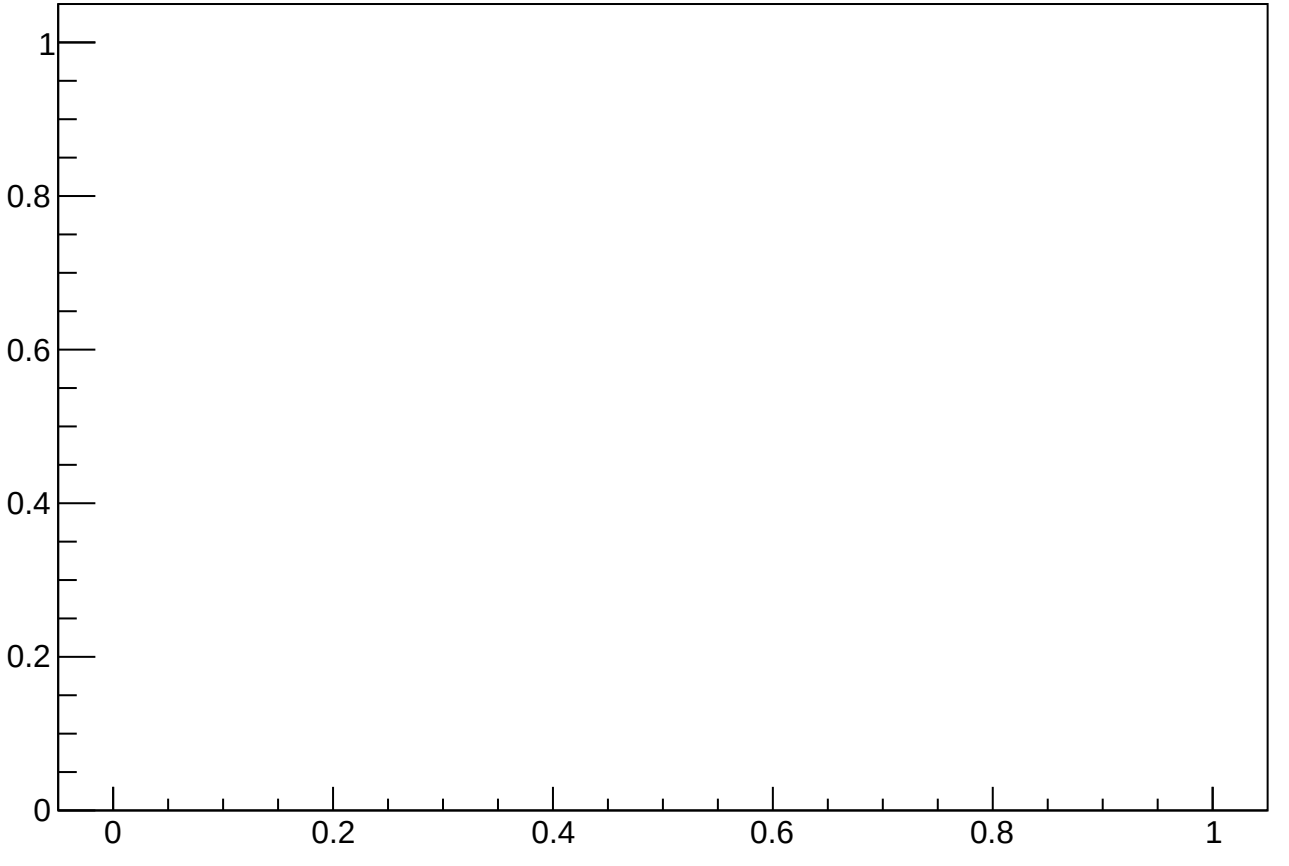
Right: 45.691+/-0.060 χ^2/NDF: 102.5/3

In: 46.176+/-0.096 χ^2/NDF:9.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 45.691+/-0.060 χ^2/NDF: 102.5/3

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

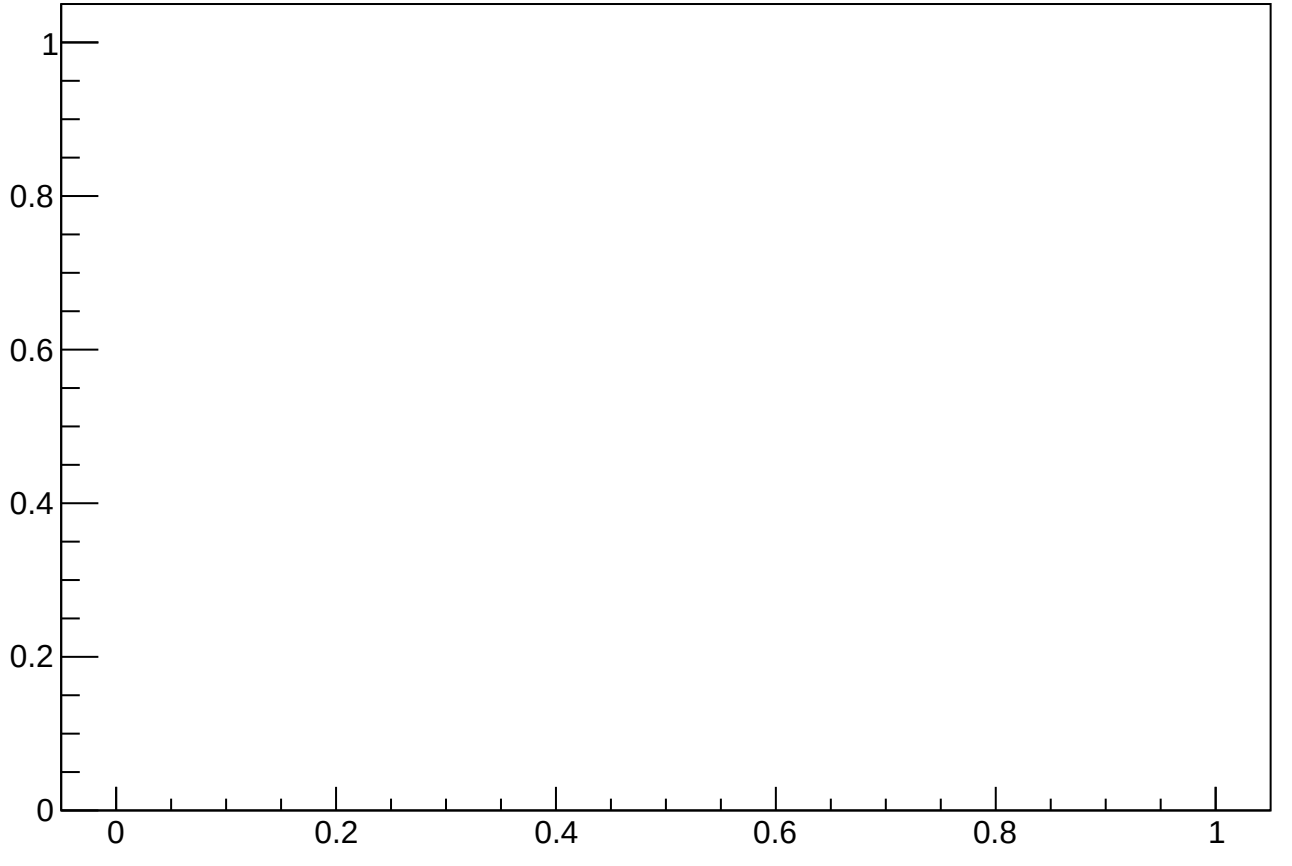
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

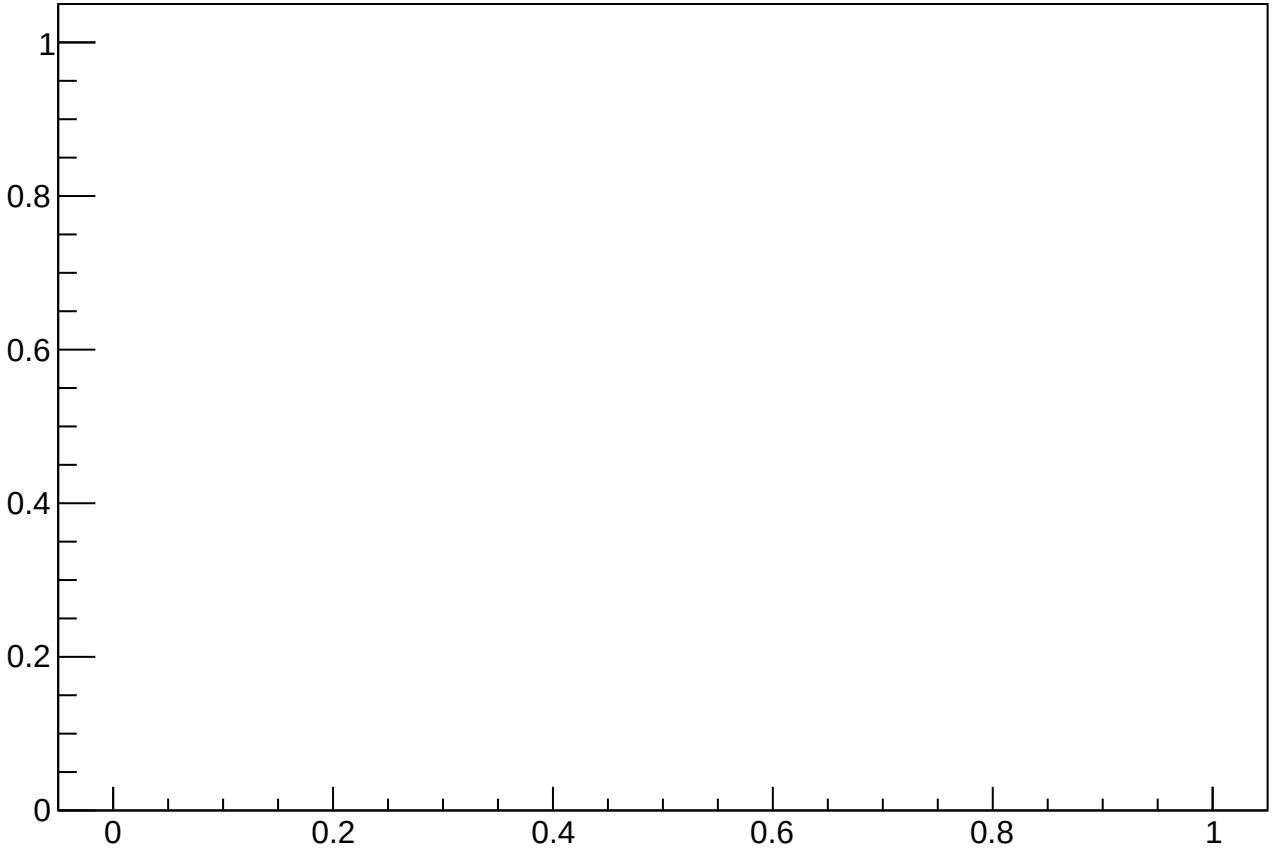
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

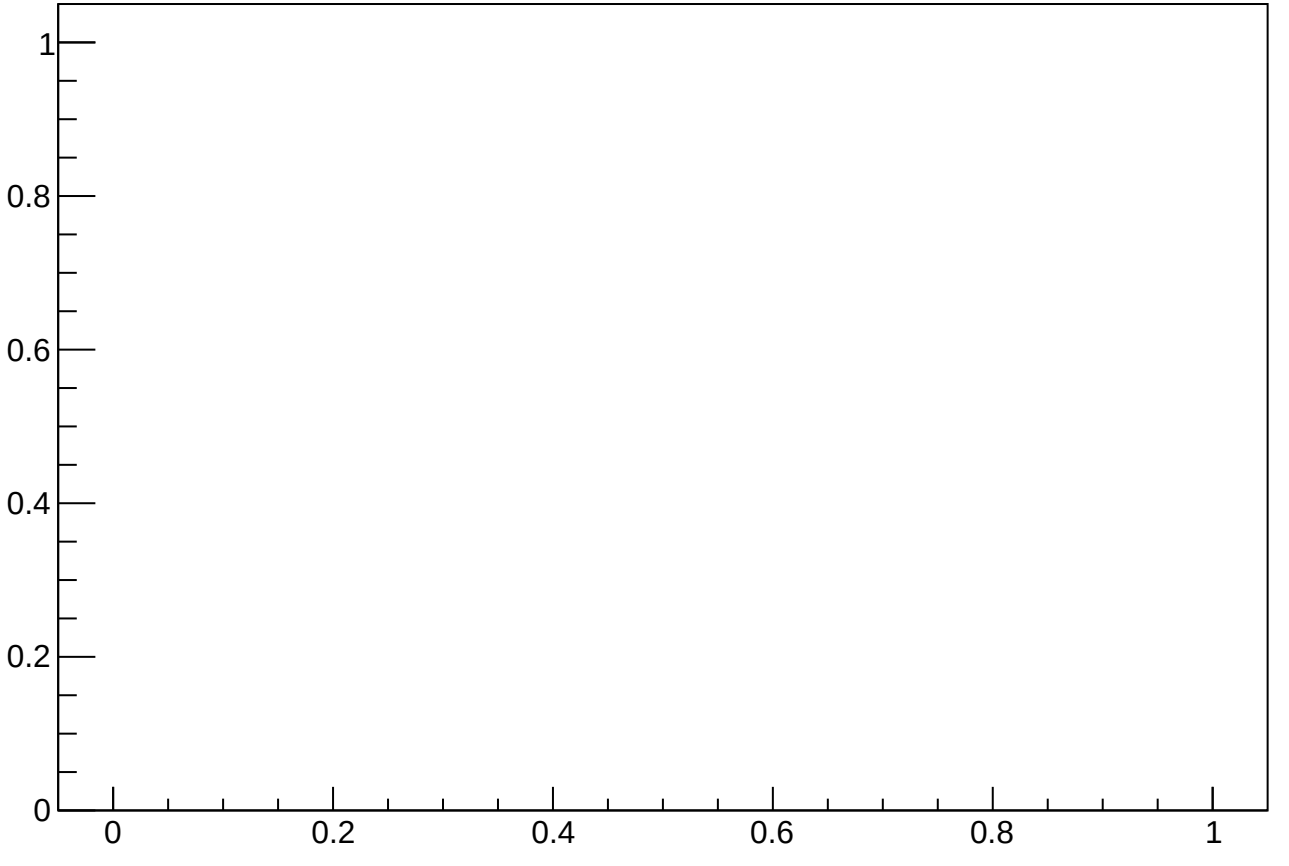
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

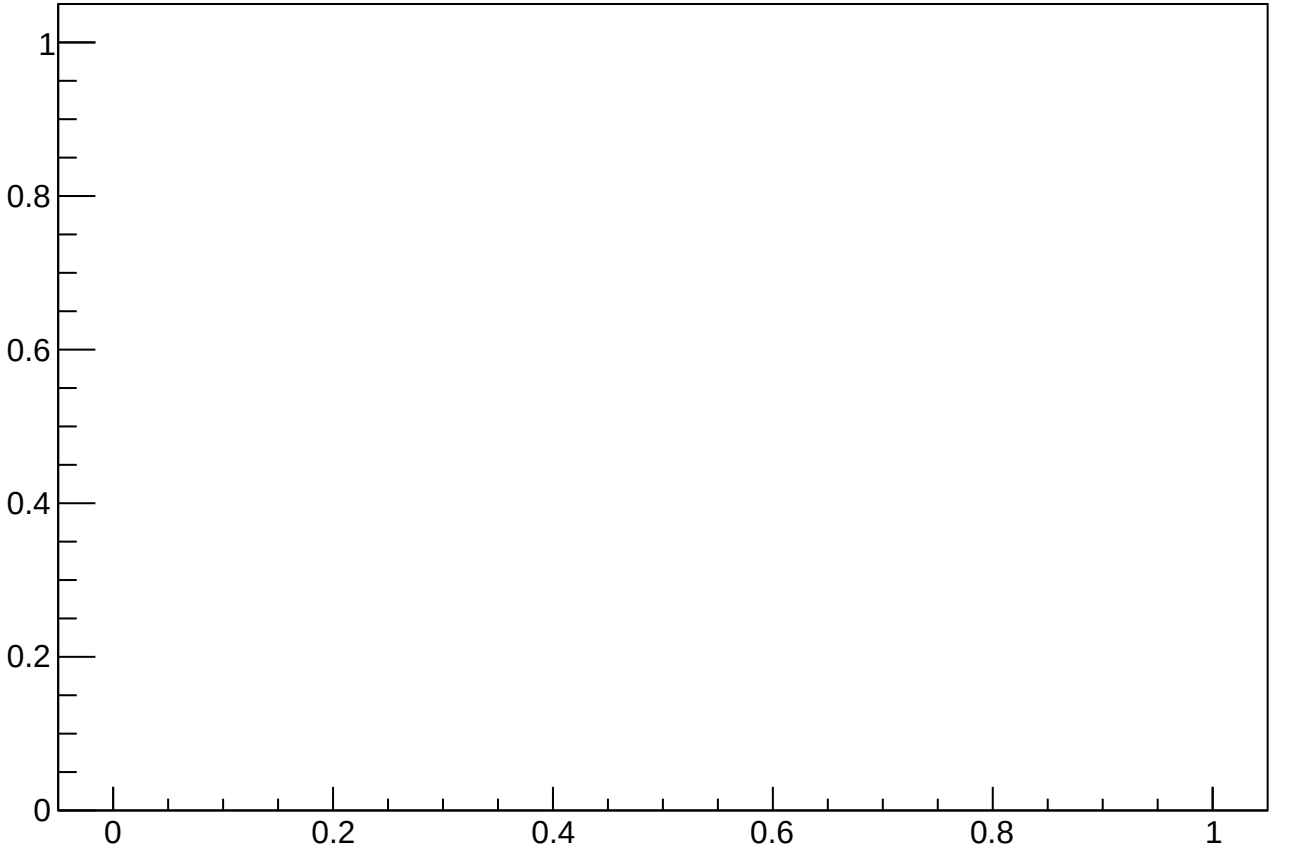
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

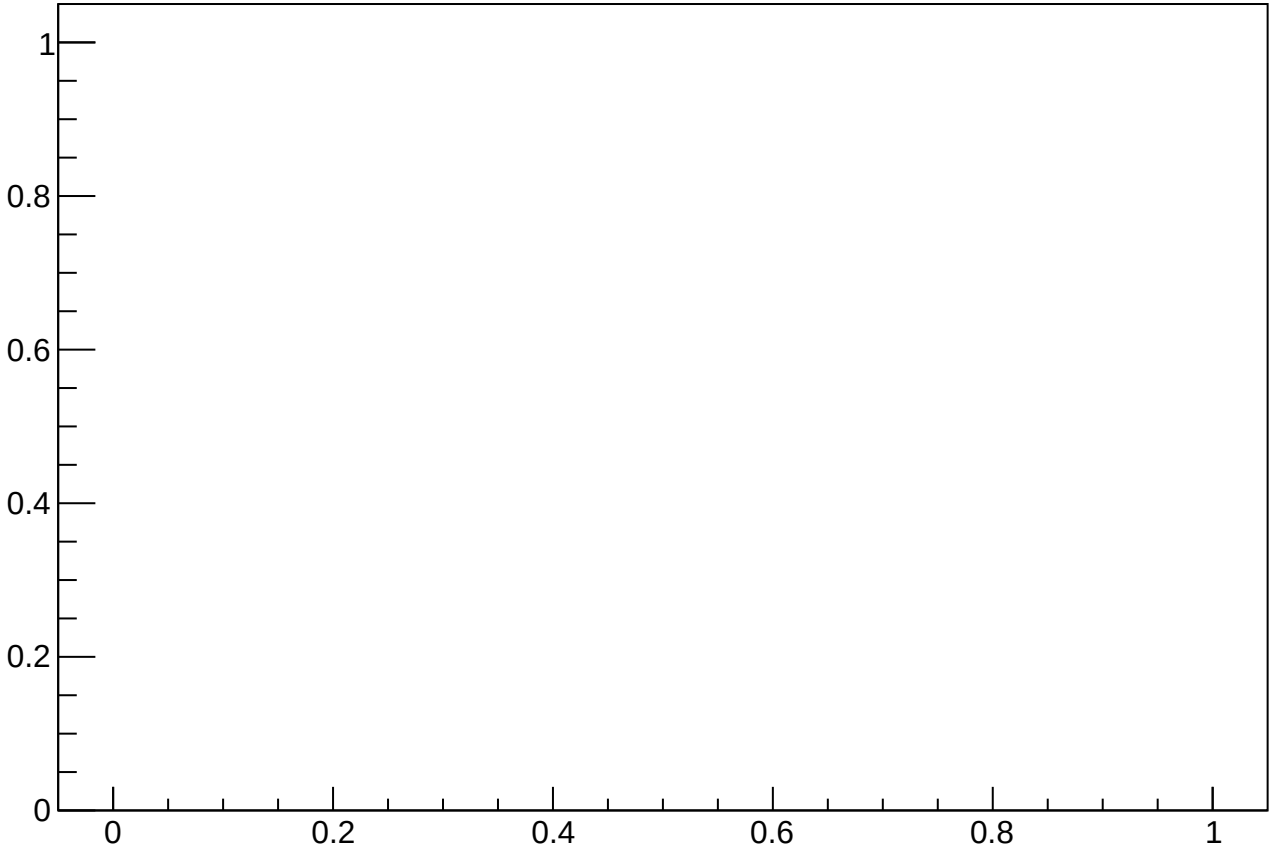
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

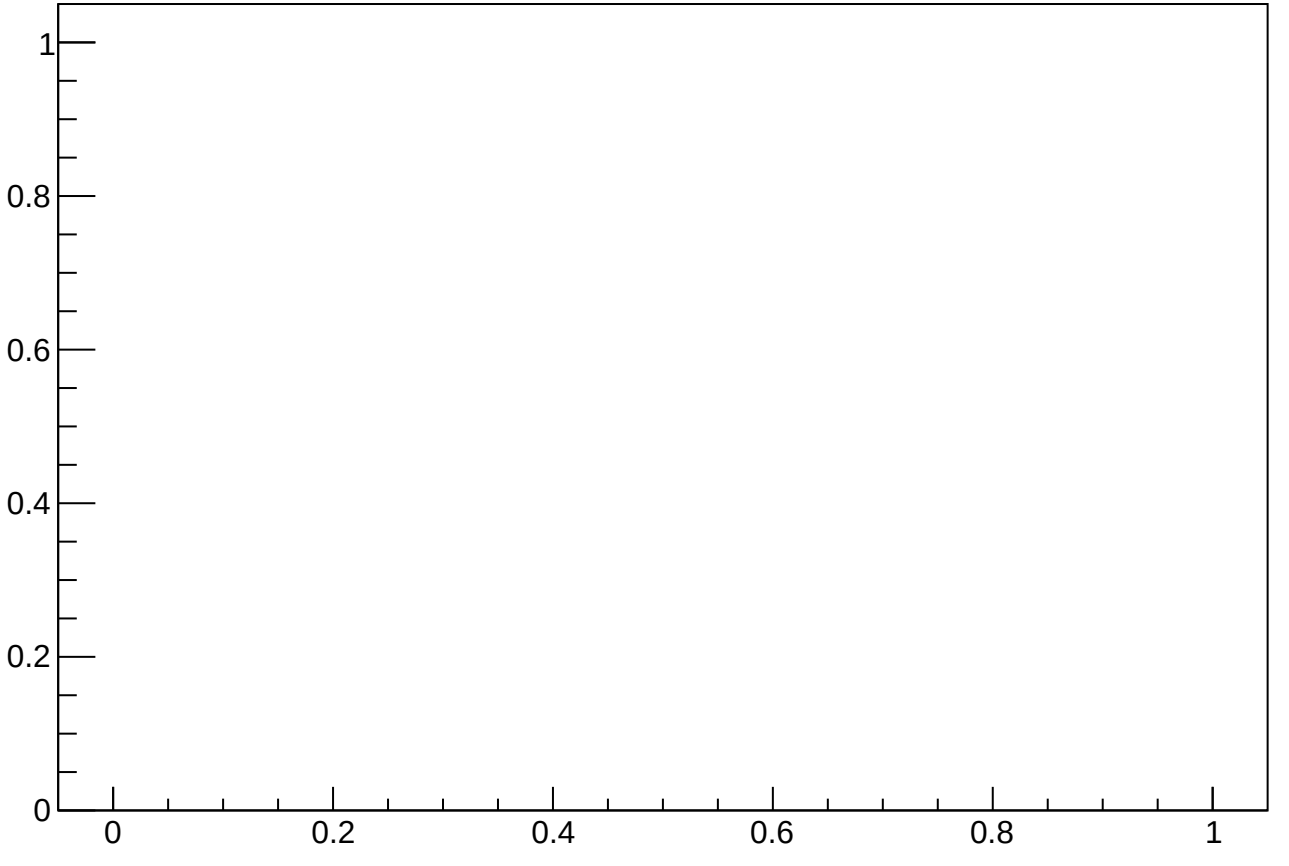
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

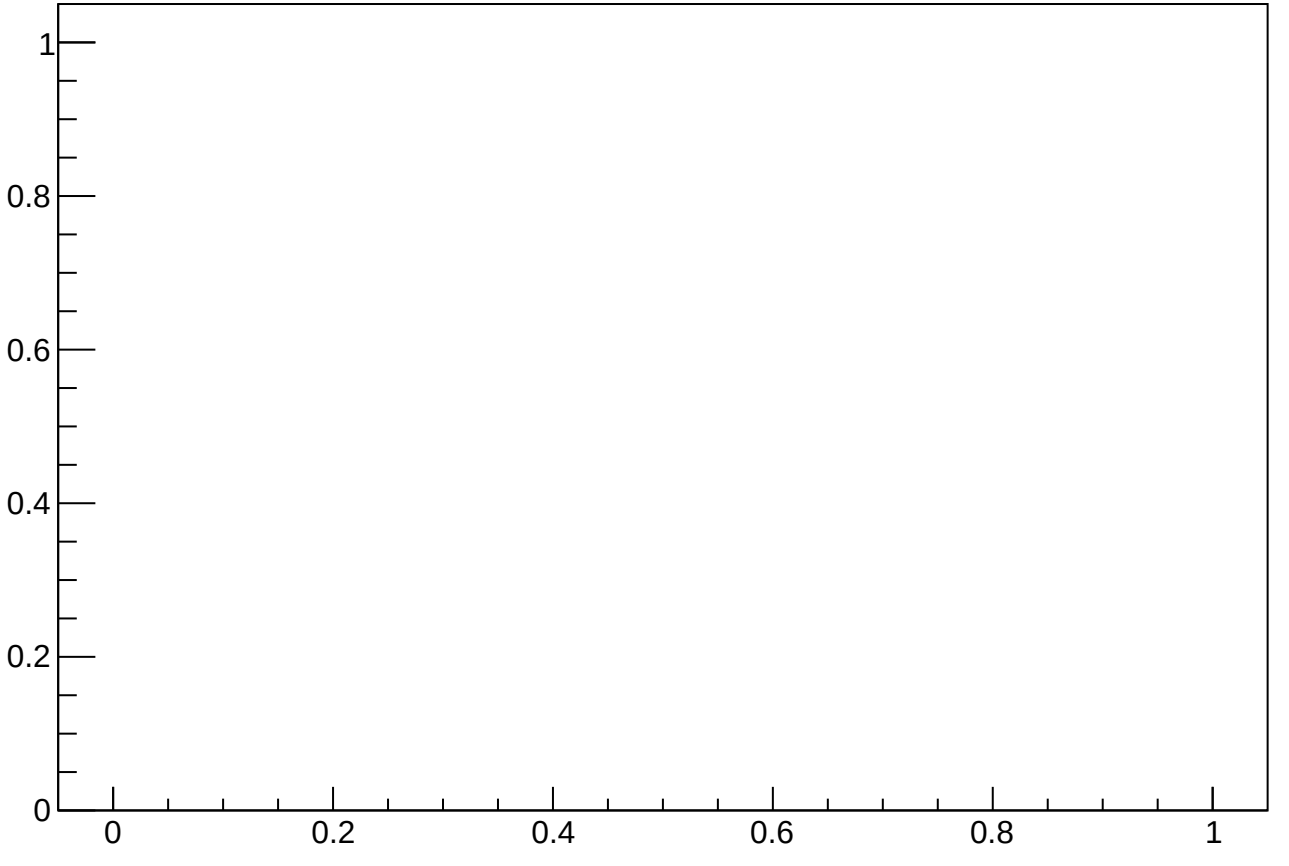
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

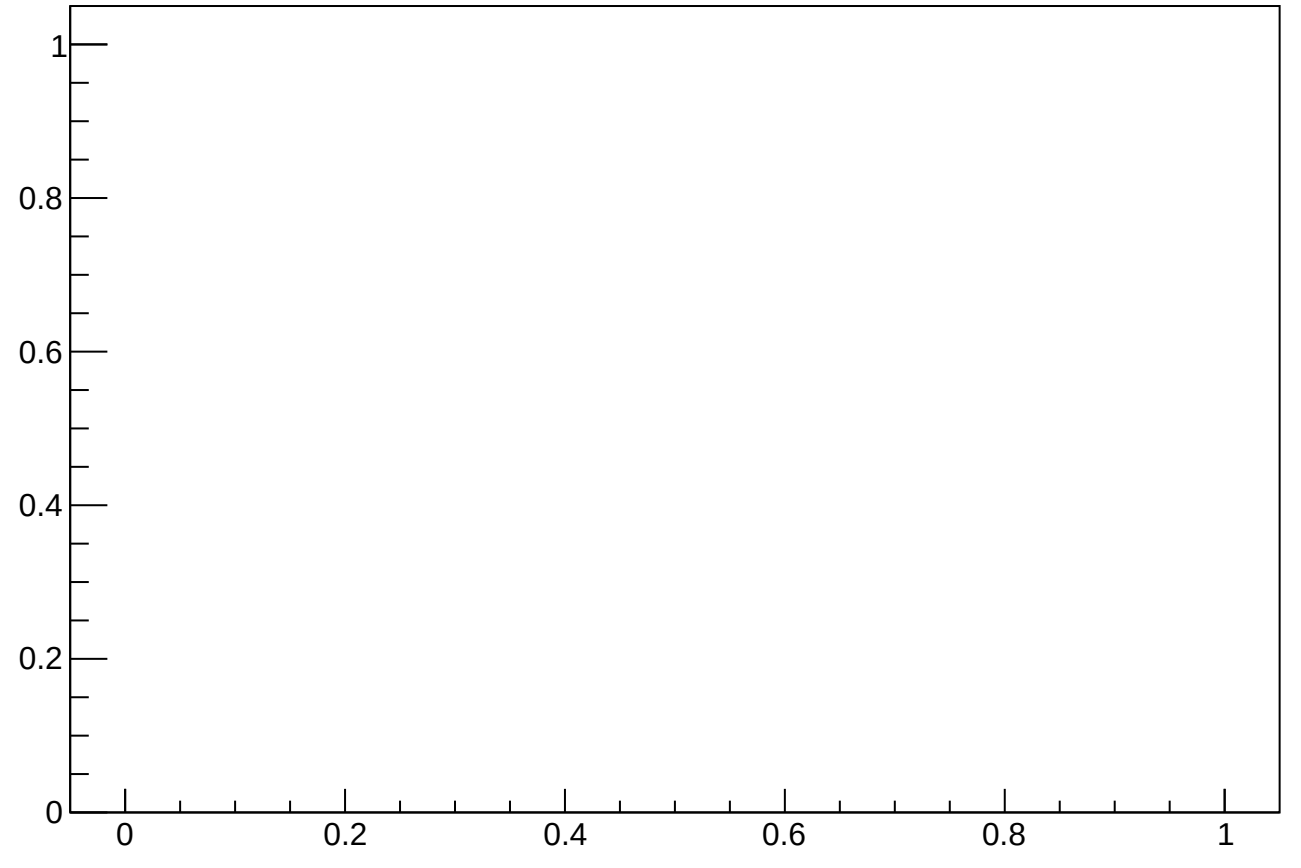
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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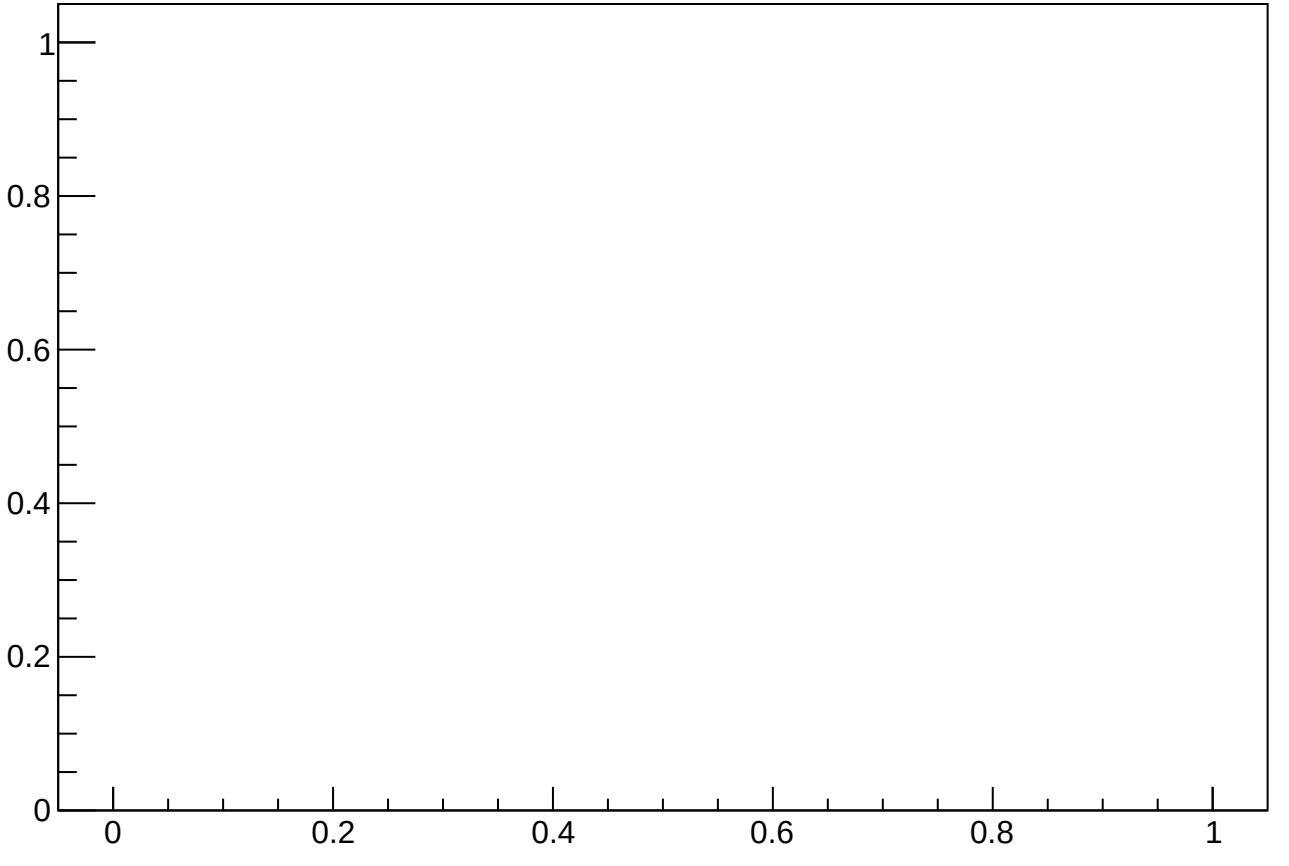
dit_4aY_coil1_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

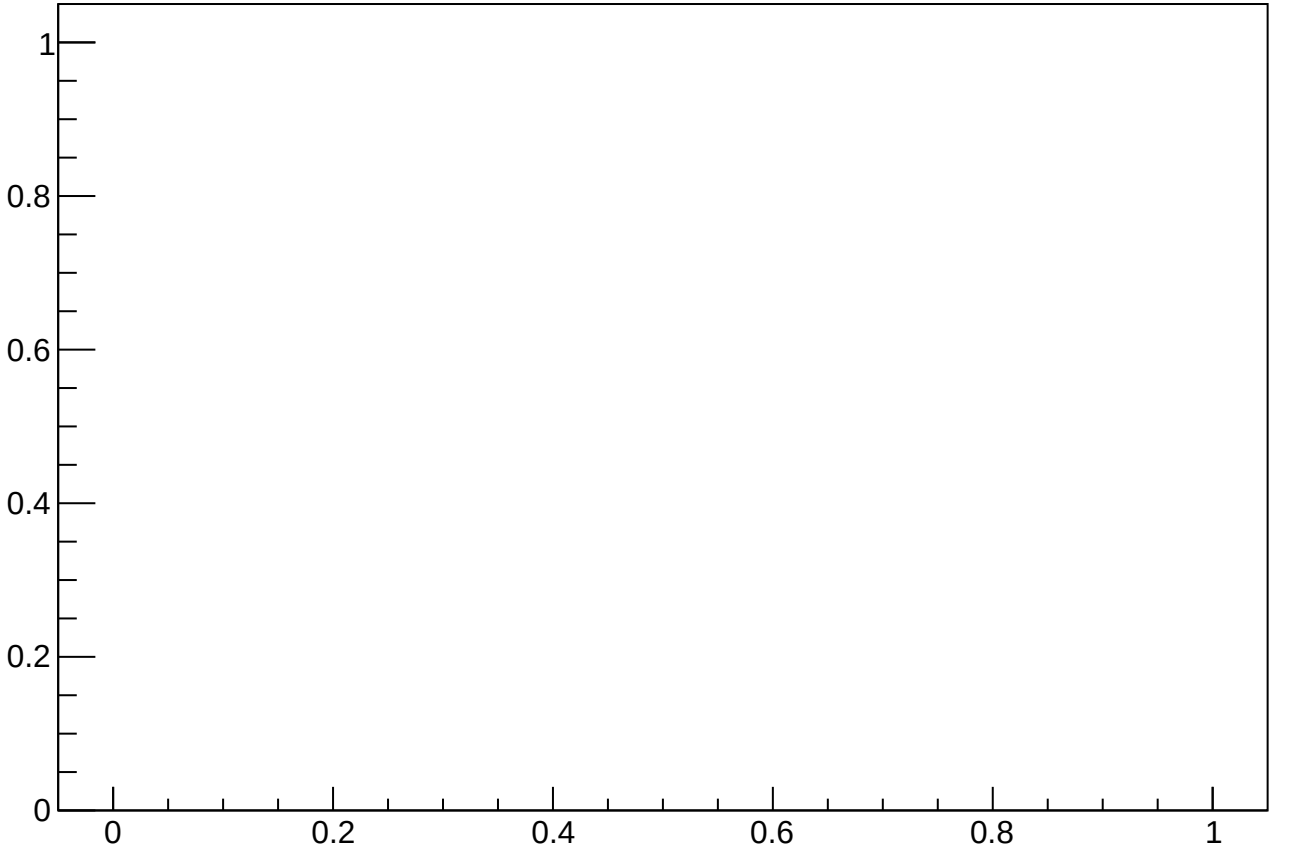
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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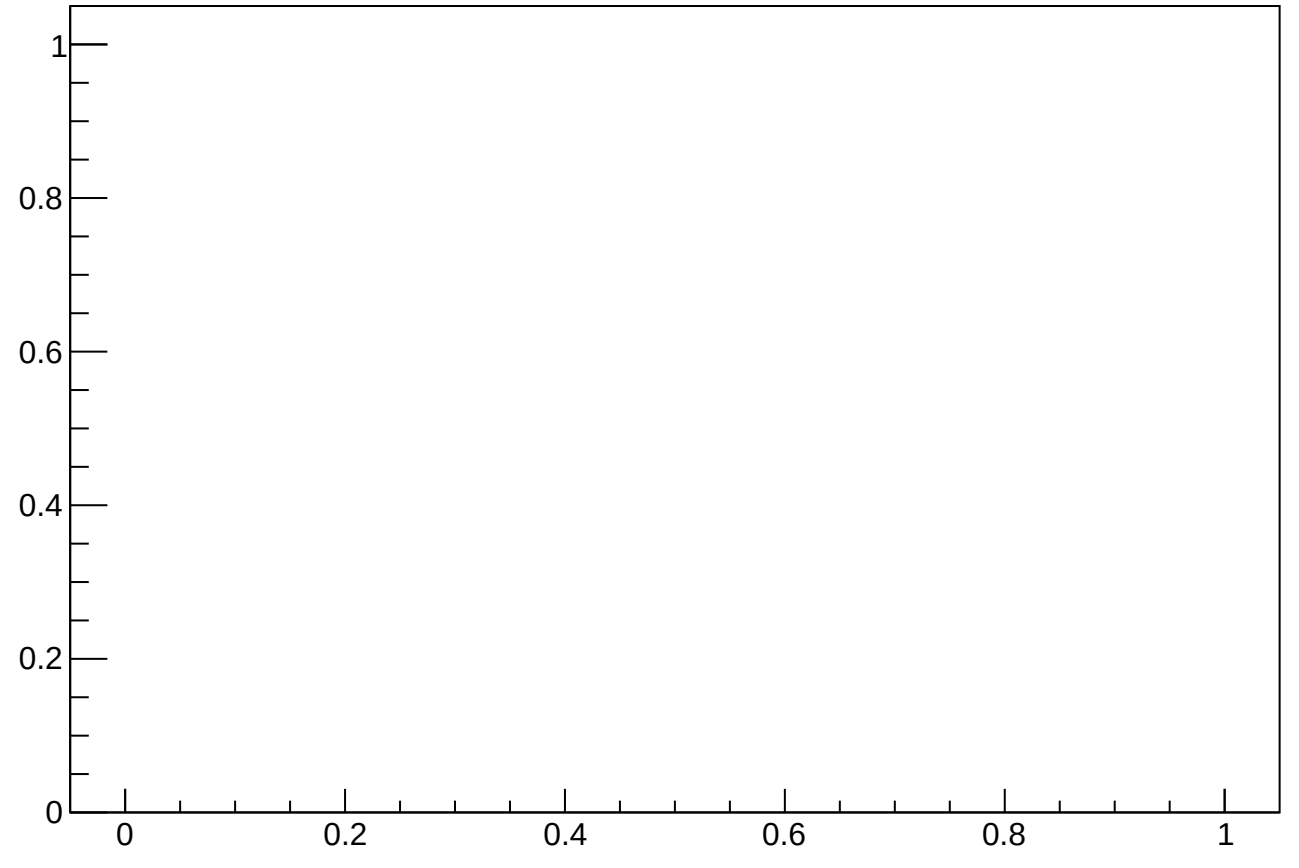

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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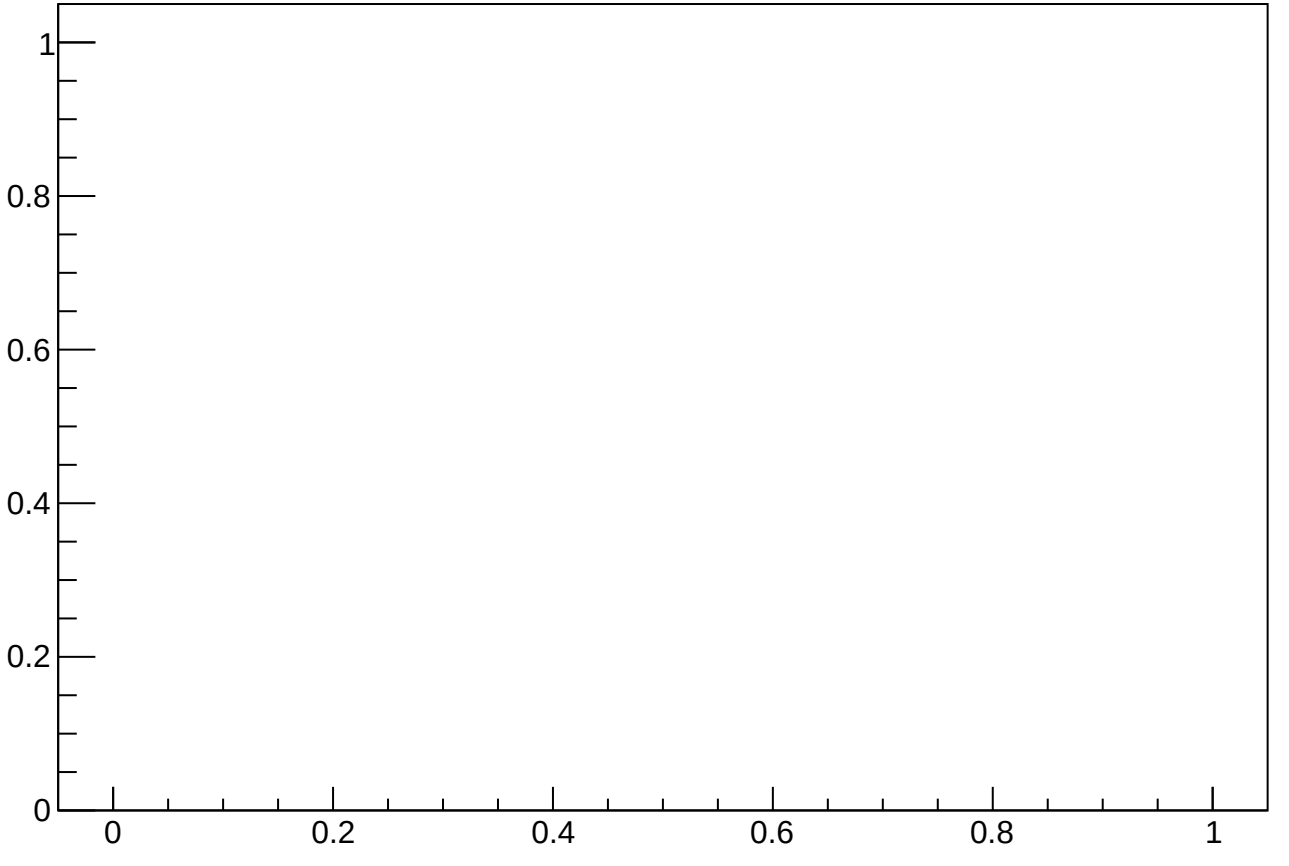
dit_4eY_coil1_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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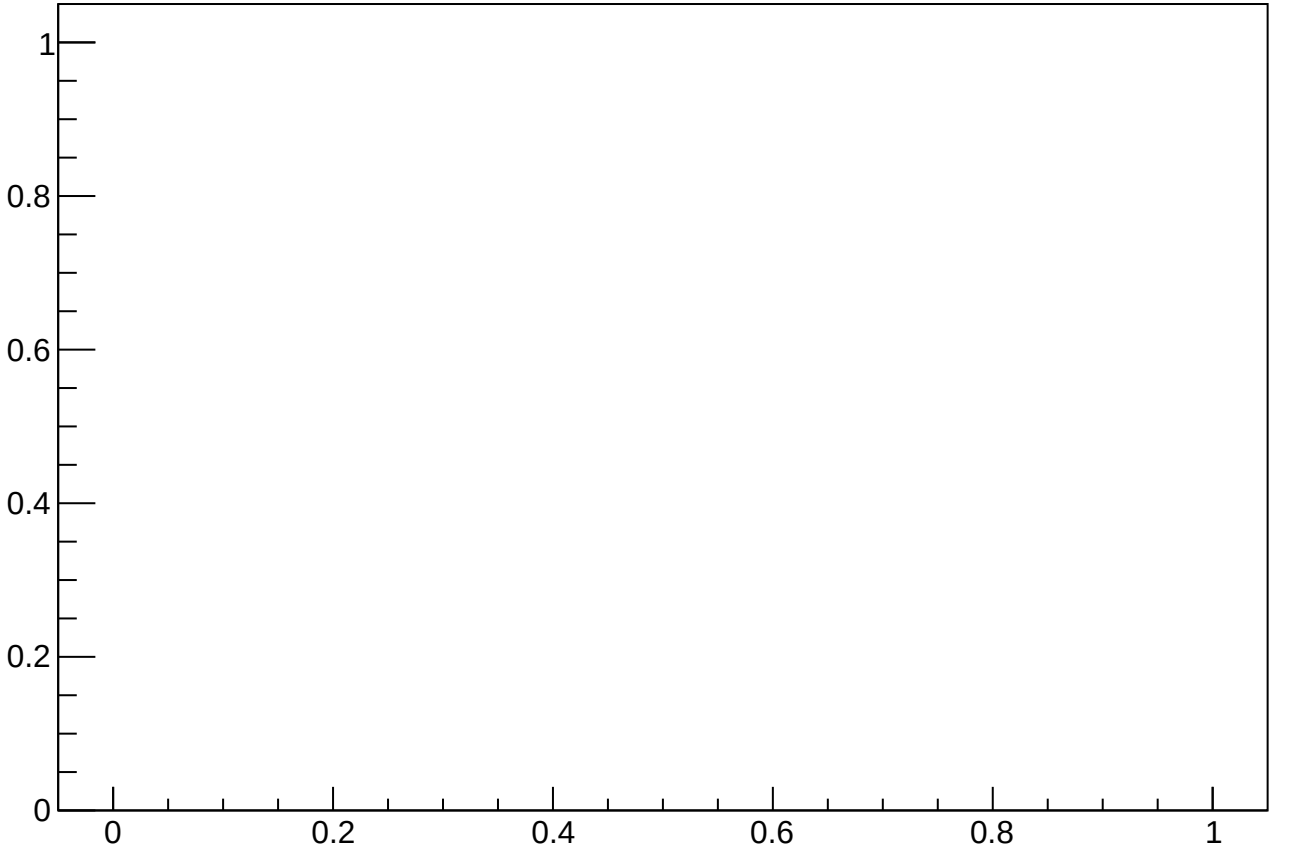
dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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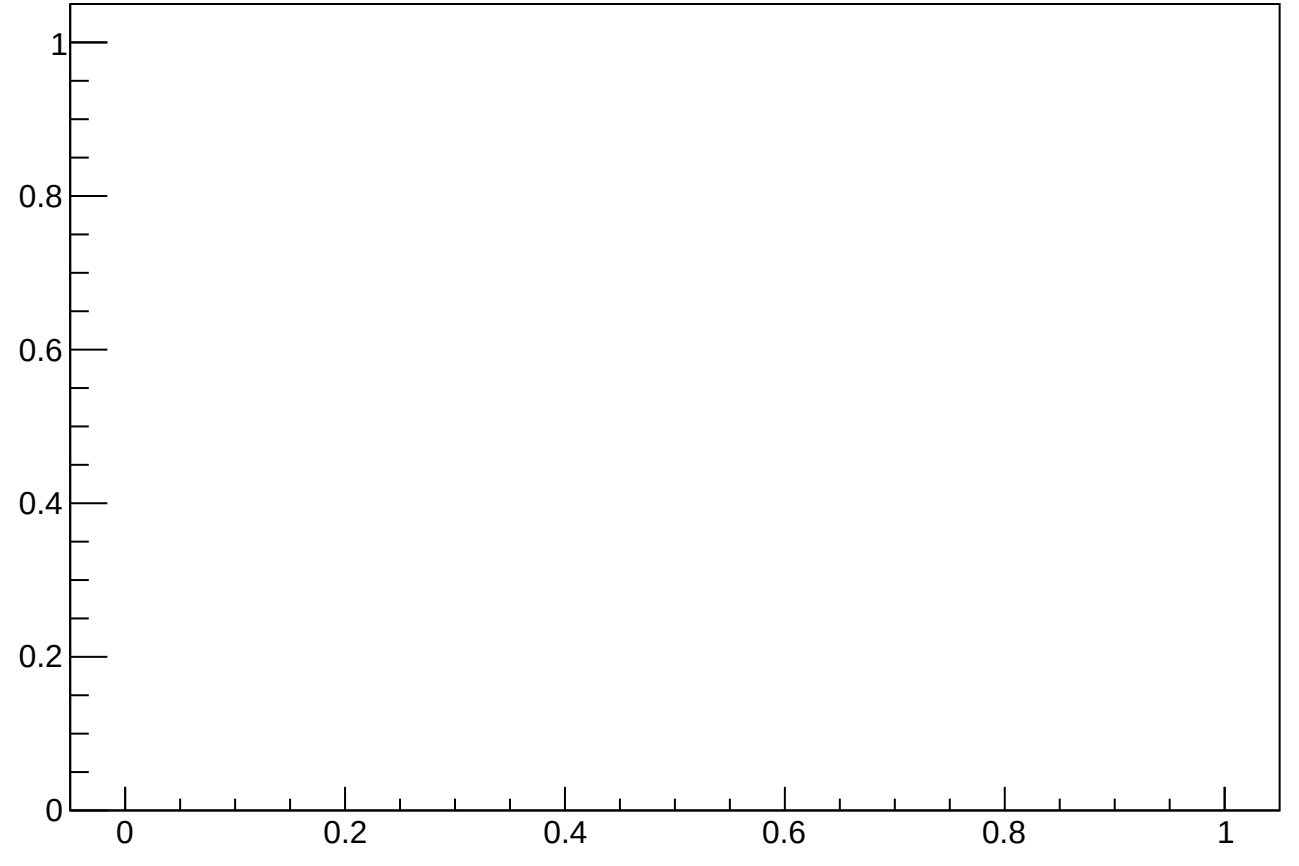

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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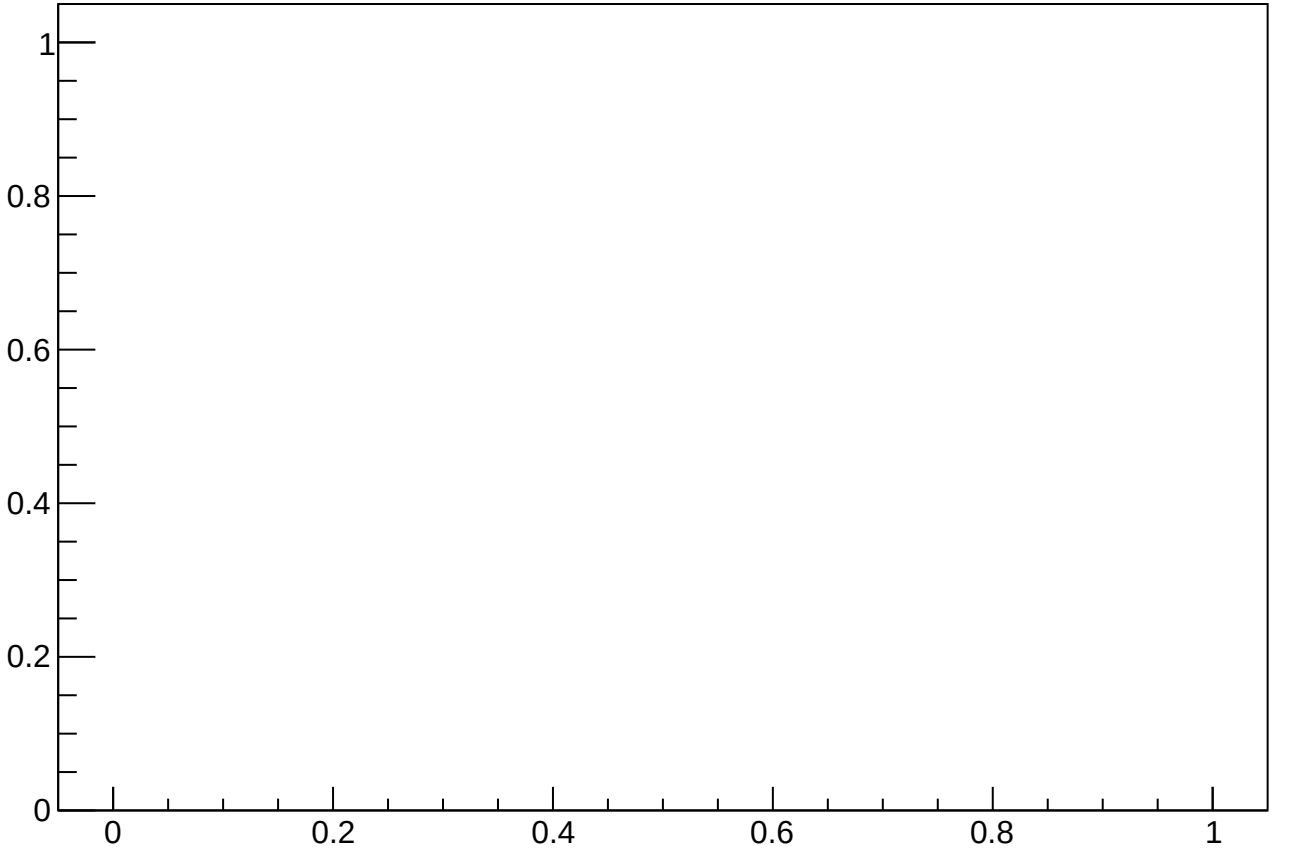
dit_usl_coil1_mean vs Slug, Sign Corrected



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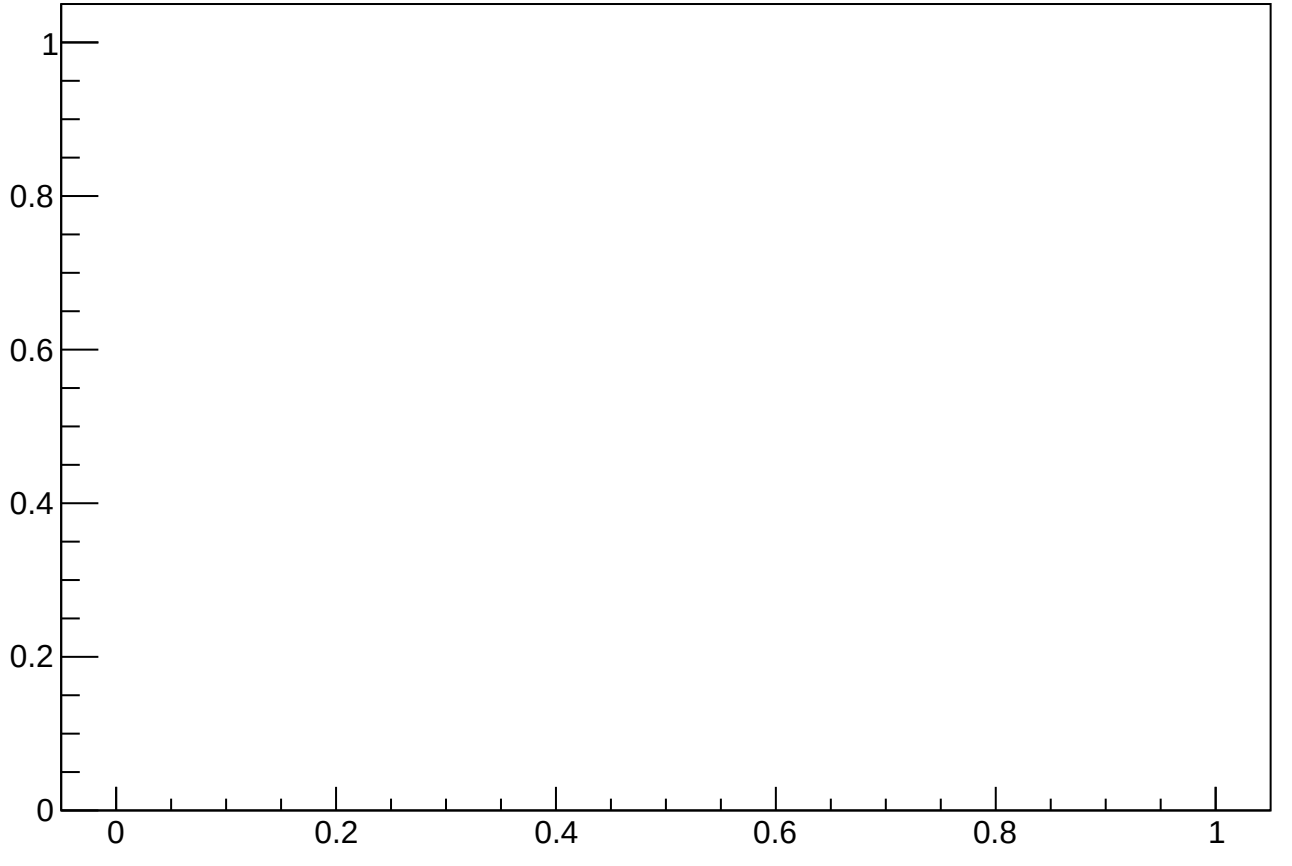
dit_usl_coil1_err_mean vs Slug, Sign Corrected



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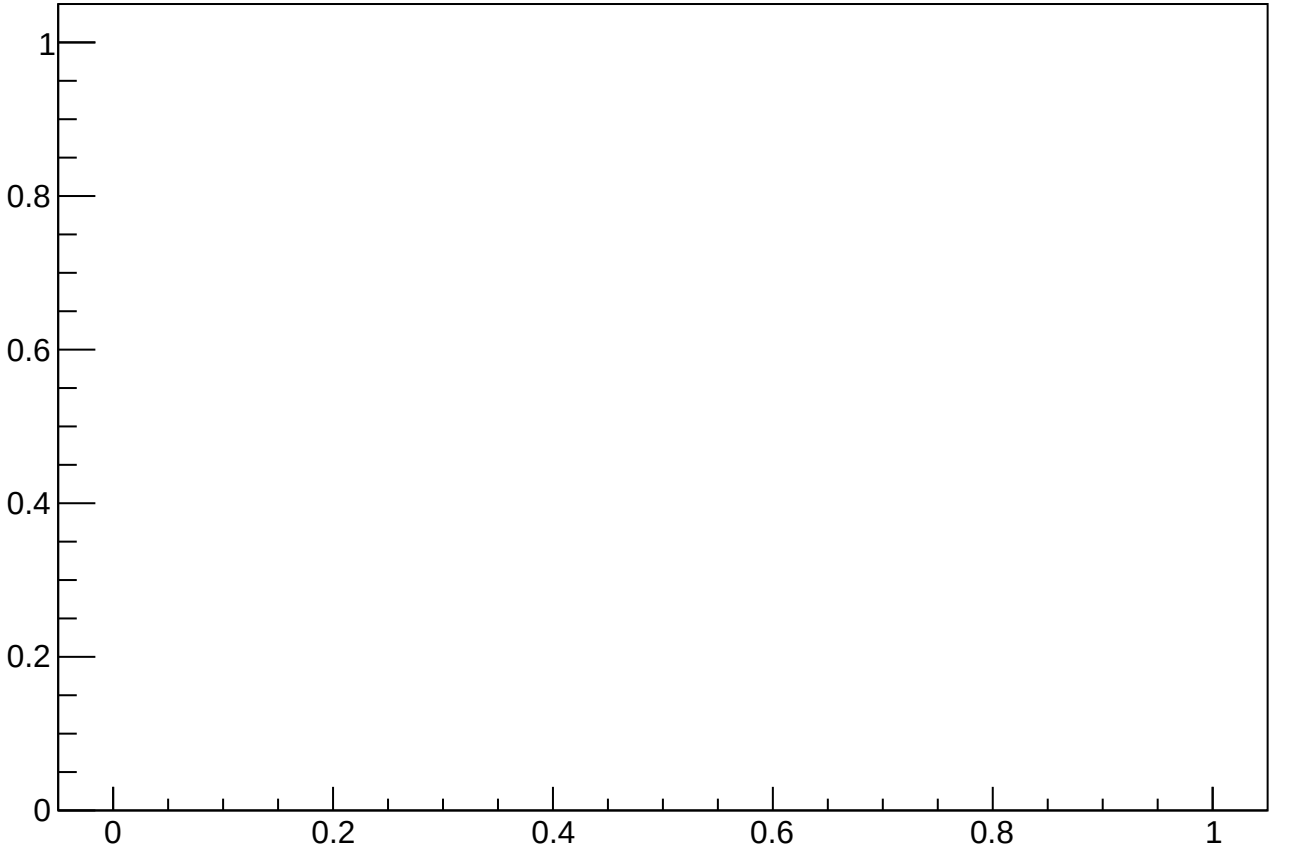
dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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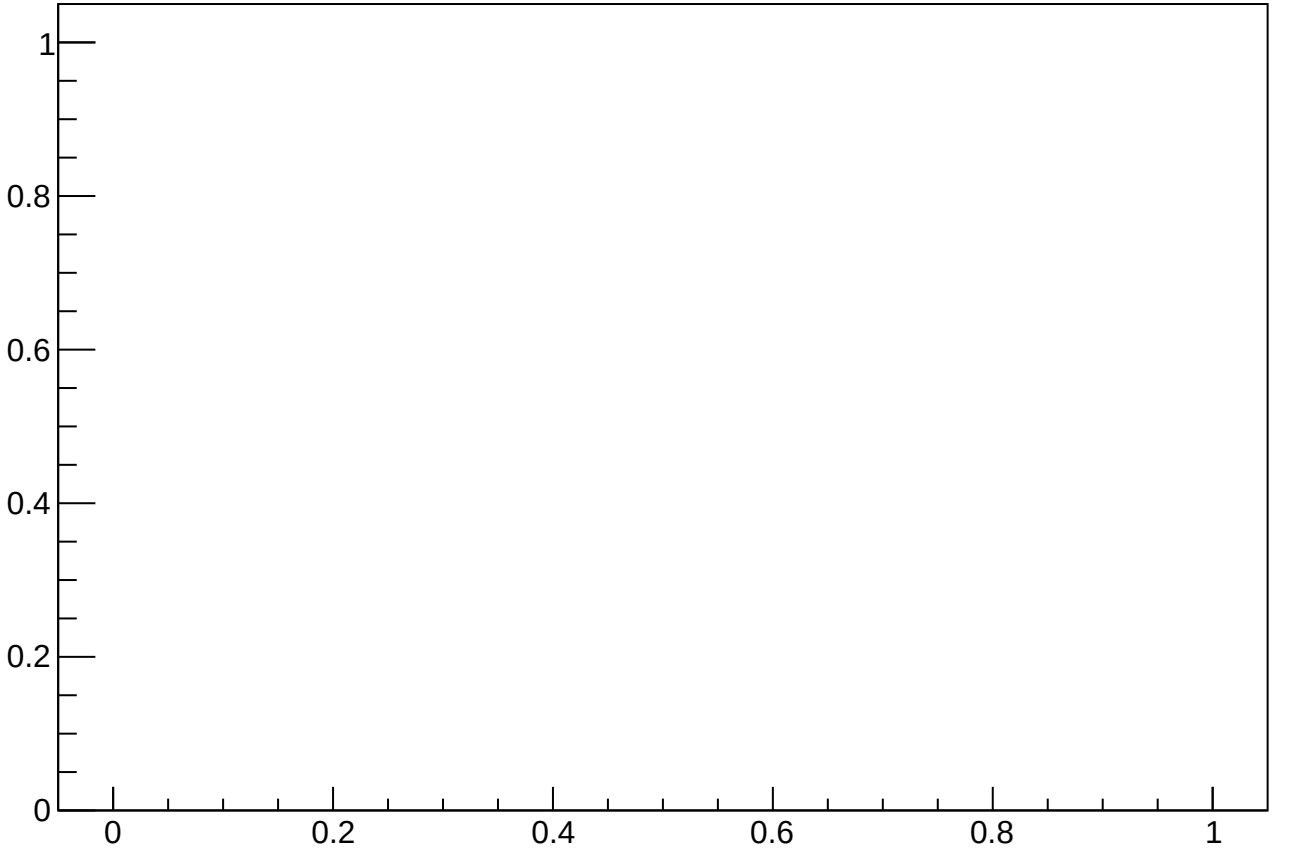
dit_usr_coil1_mean vs Slug, Sign Corrected



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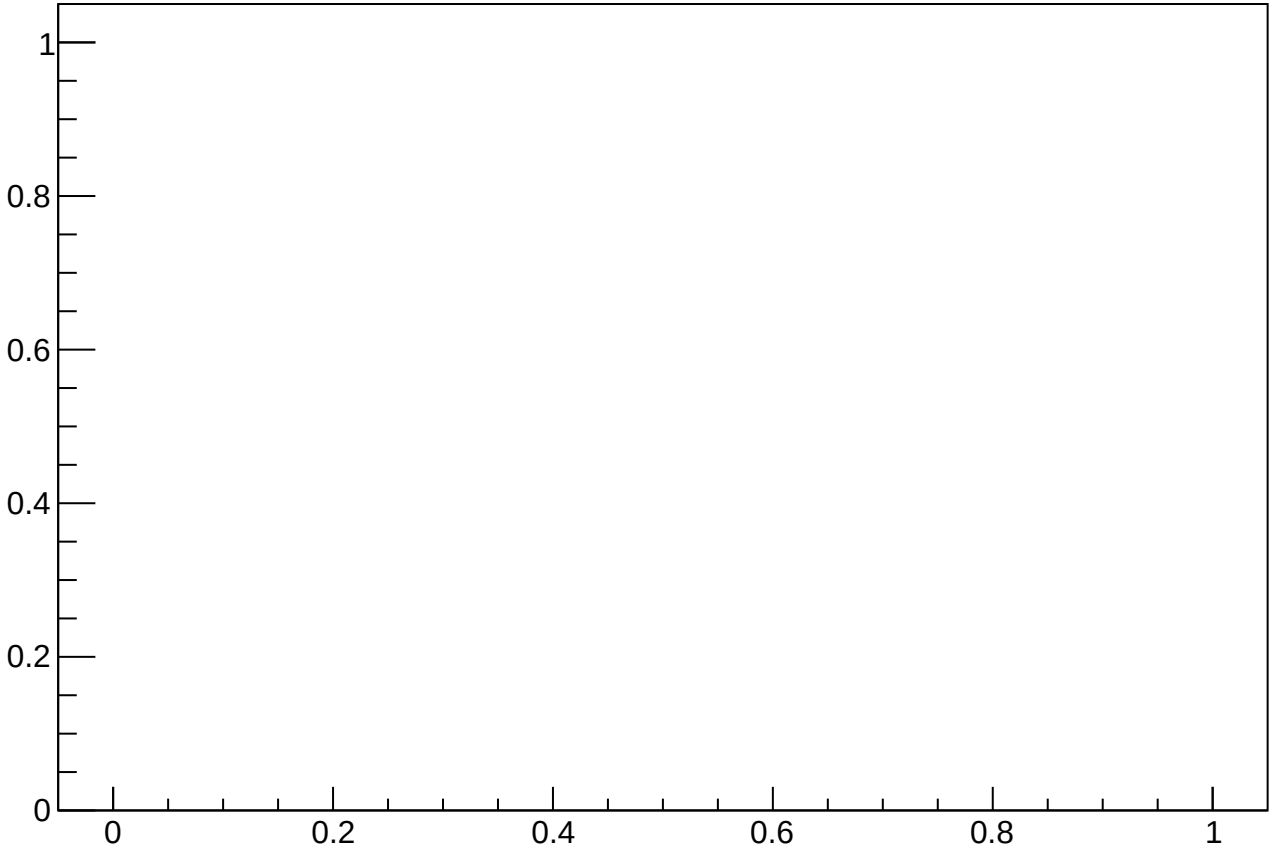
dit_usr_coil1_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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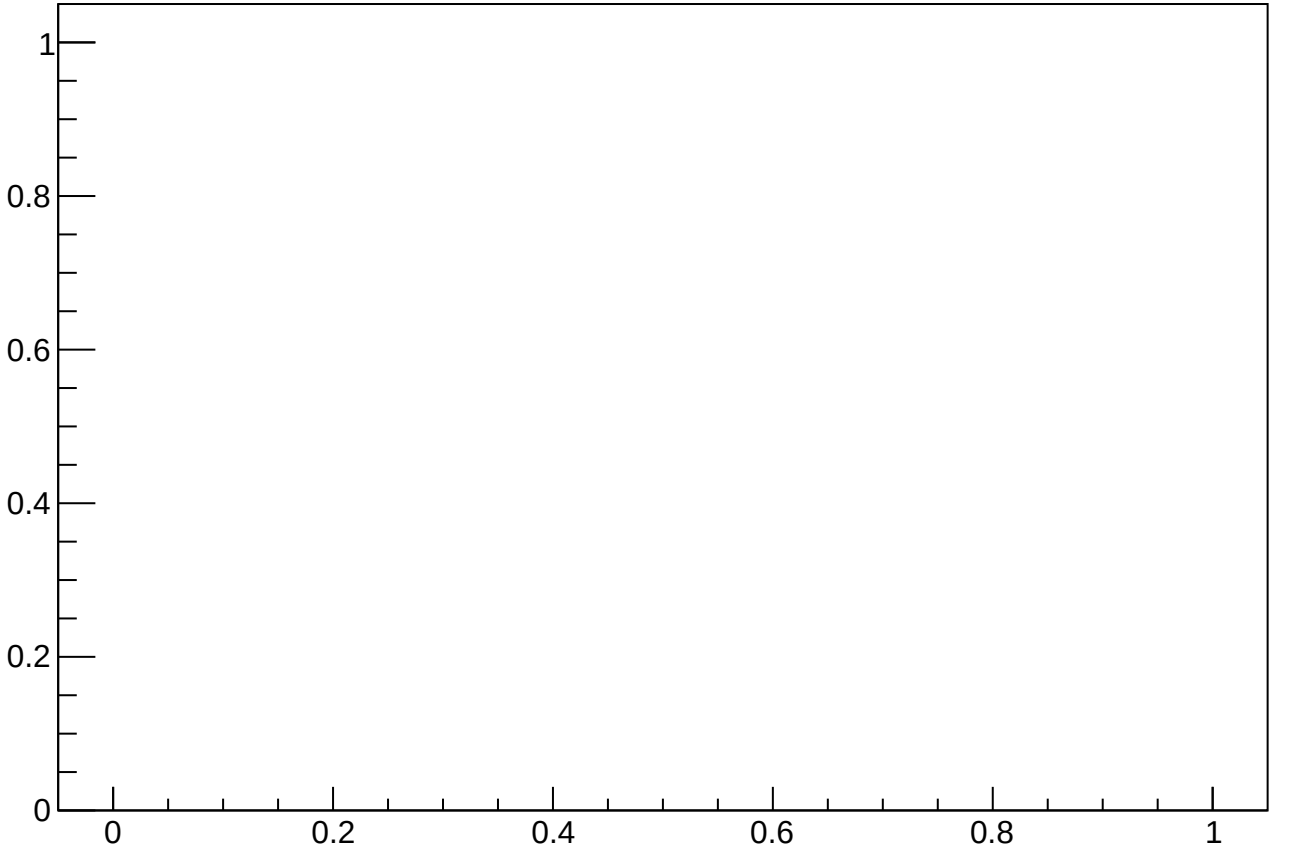
dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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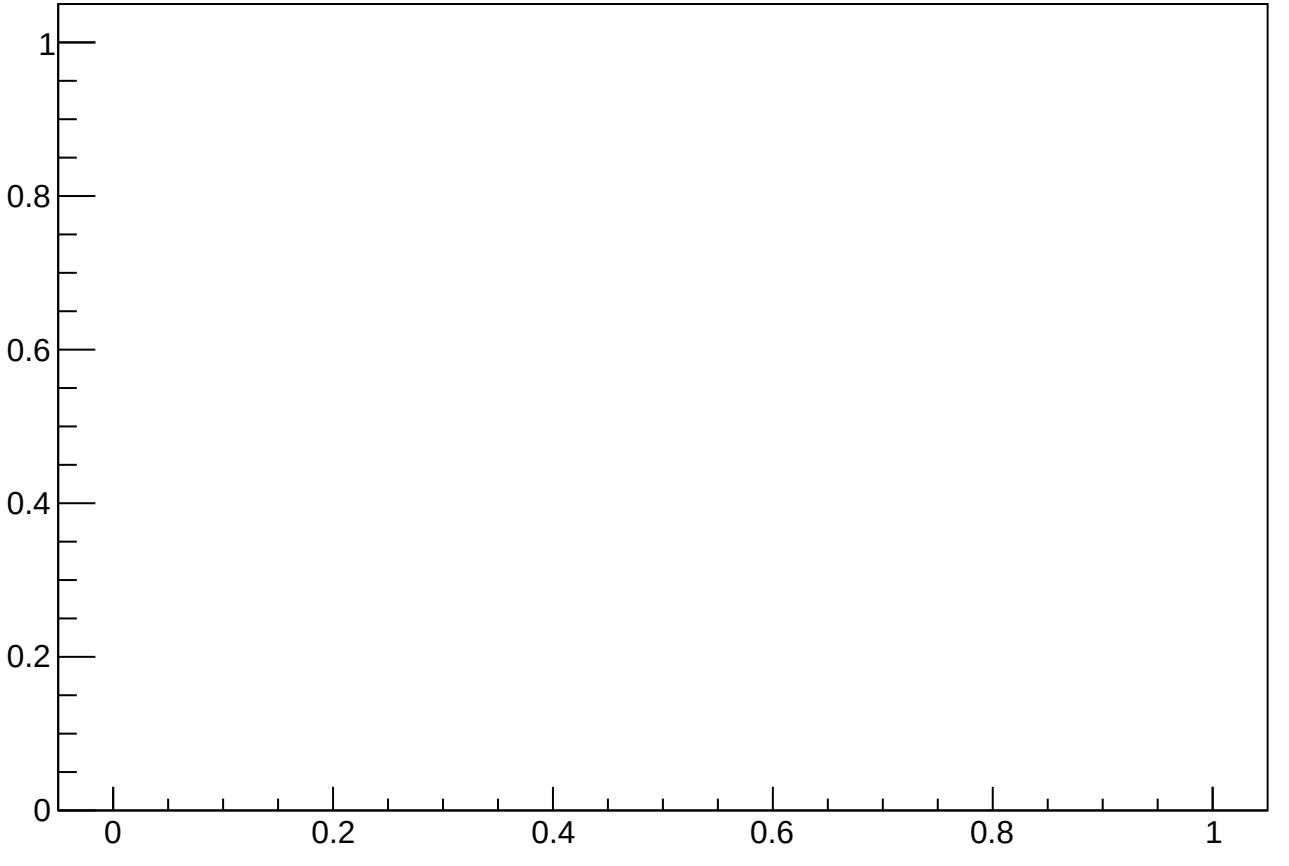
dit_atl1_coil1_mean vs Slug, Sign Corrected



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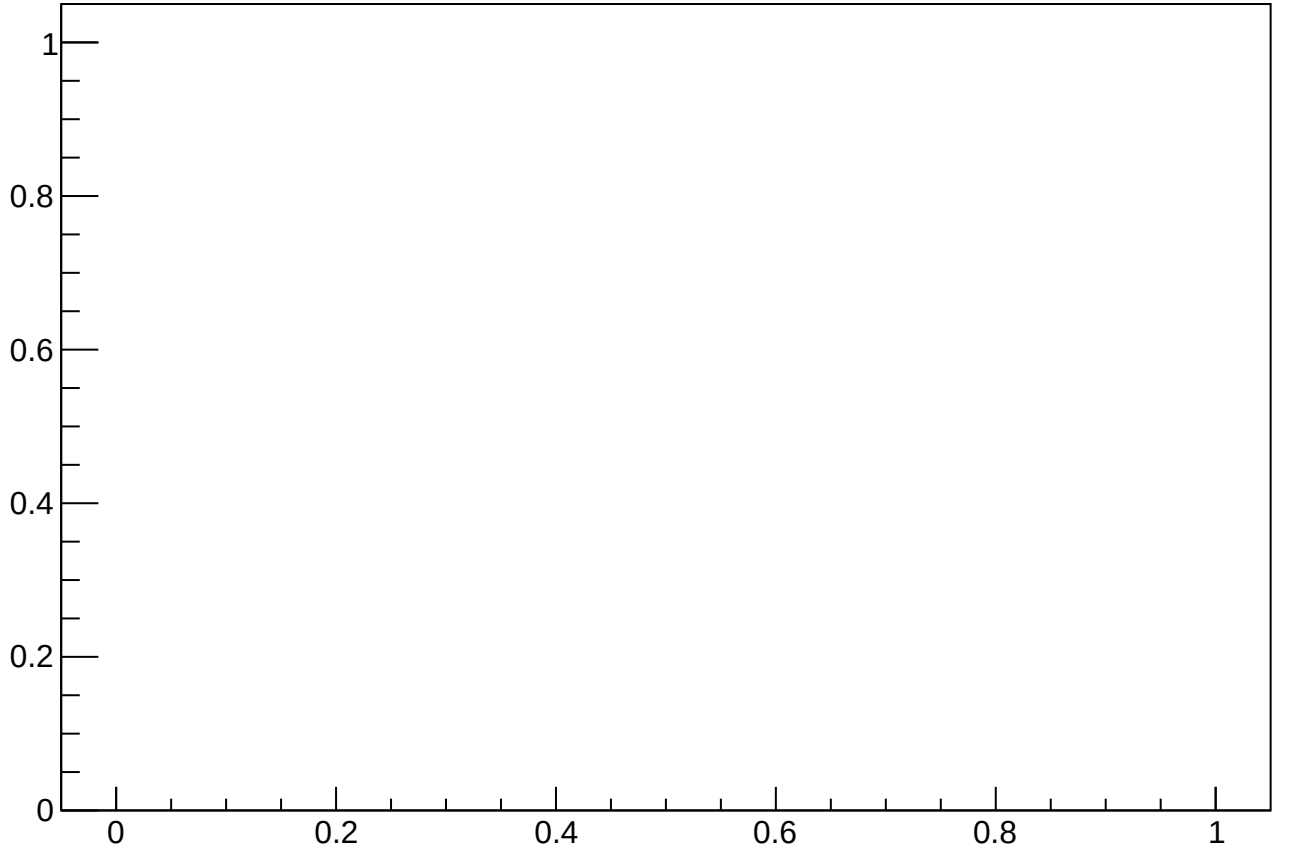
dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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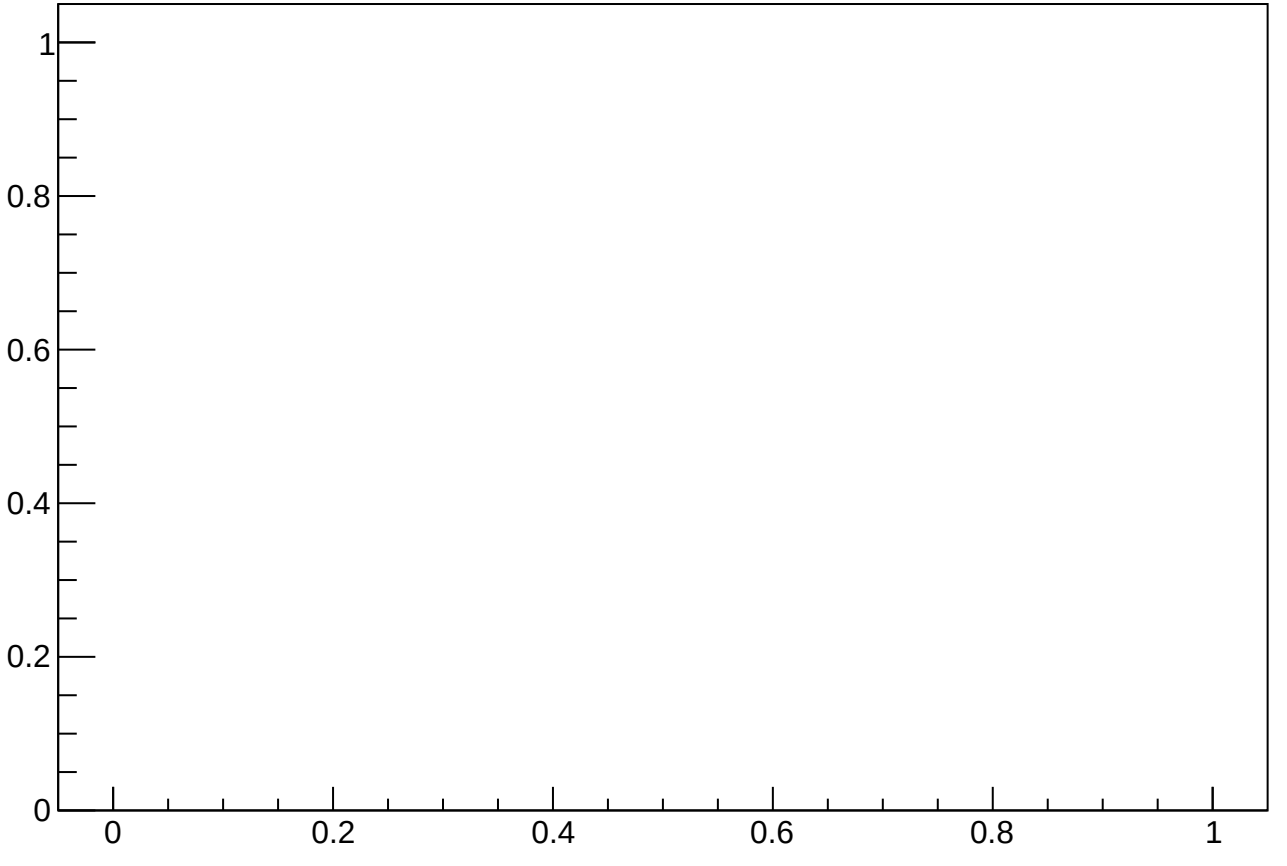
dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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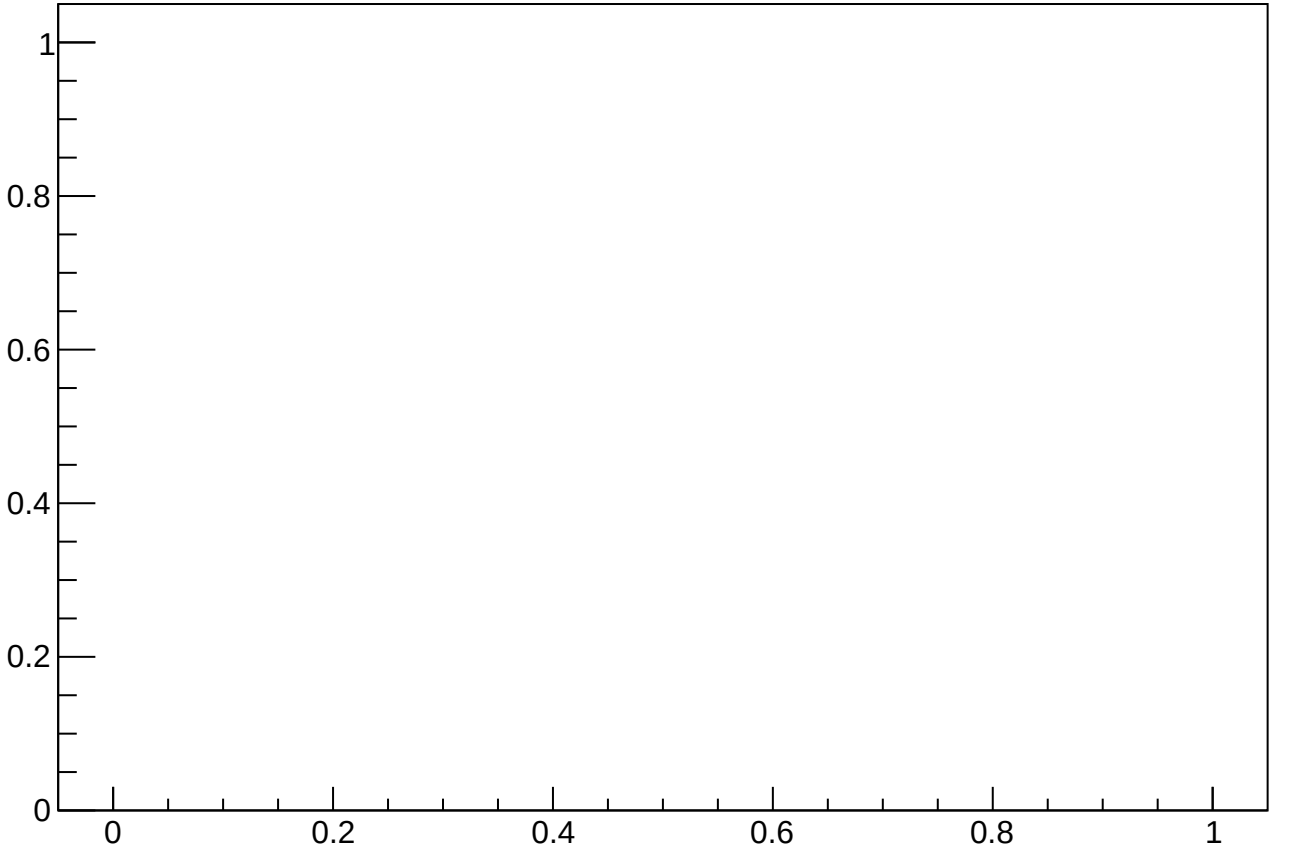
dit_atl2_coil1_mean vs Slug, Sign Corrected



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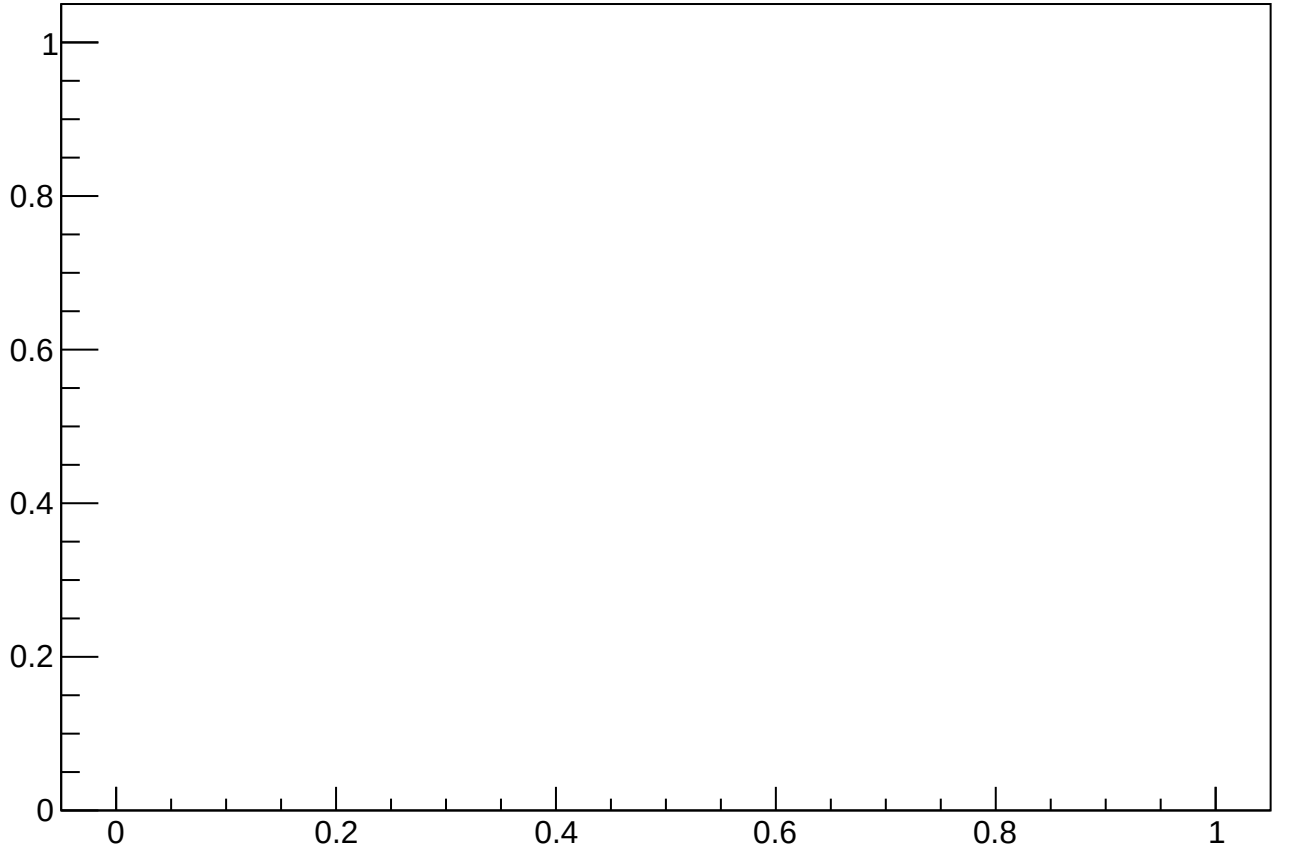
dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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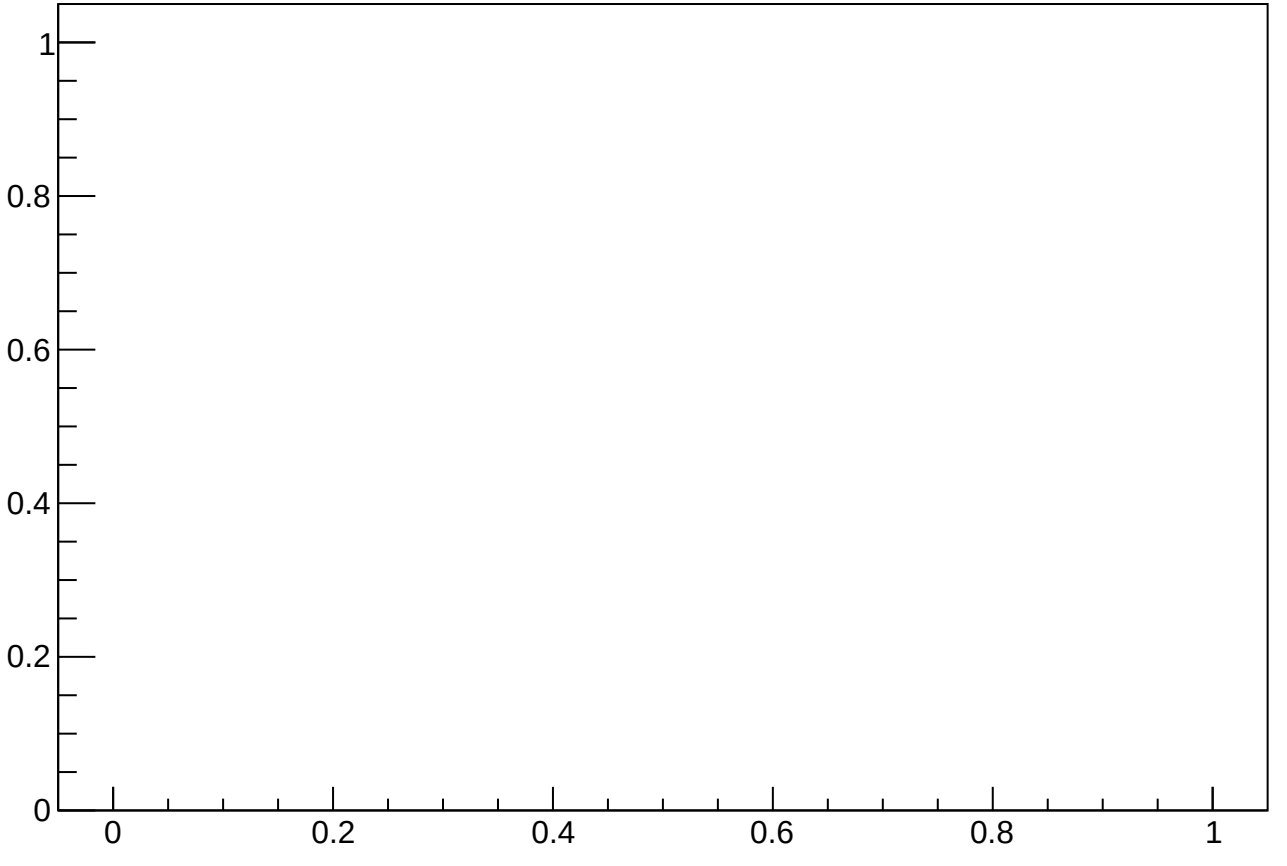
dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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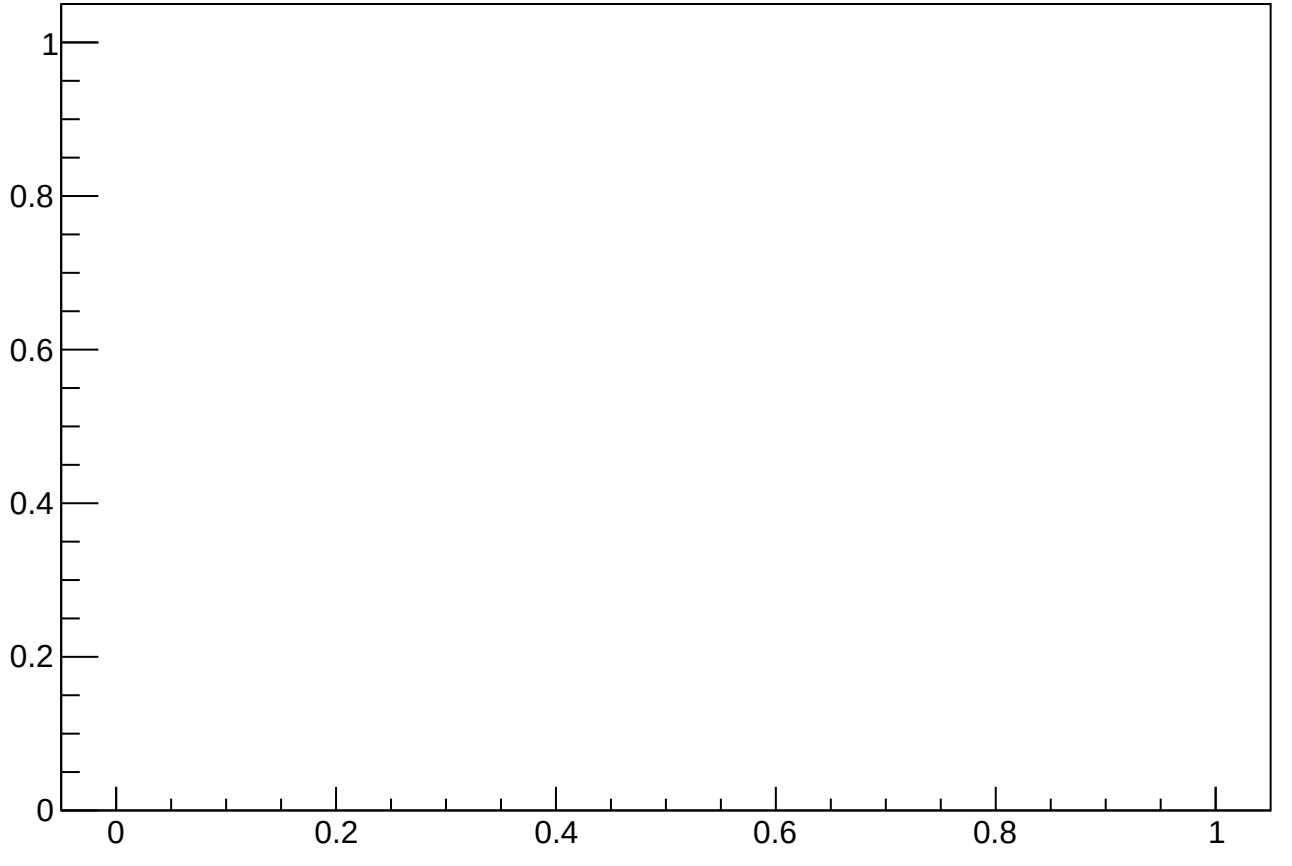
dit_atr1_coil1_mean vs Slug, Sign Corrected



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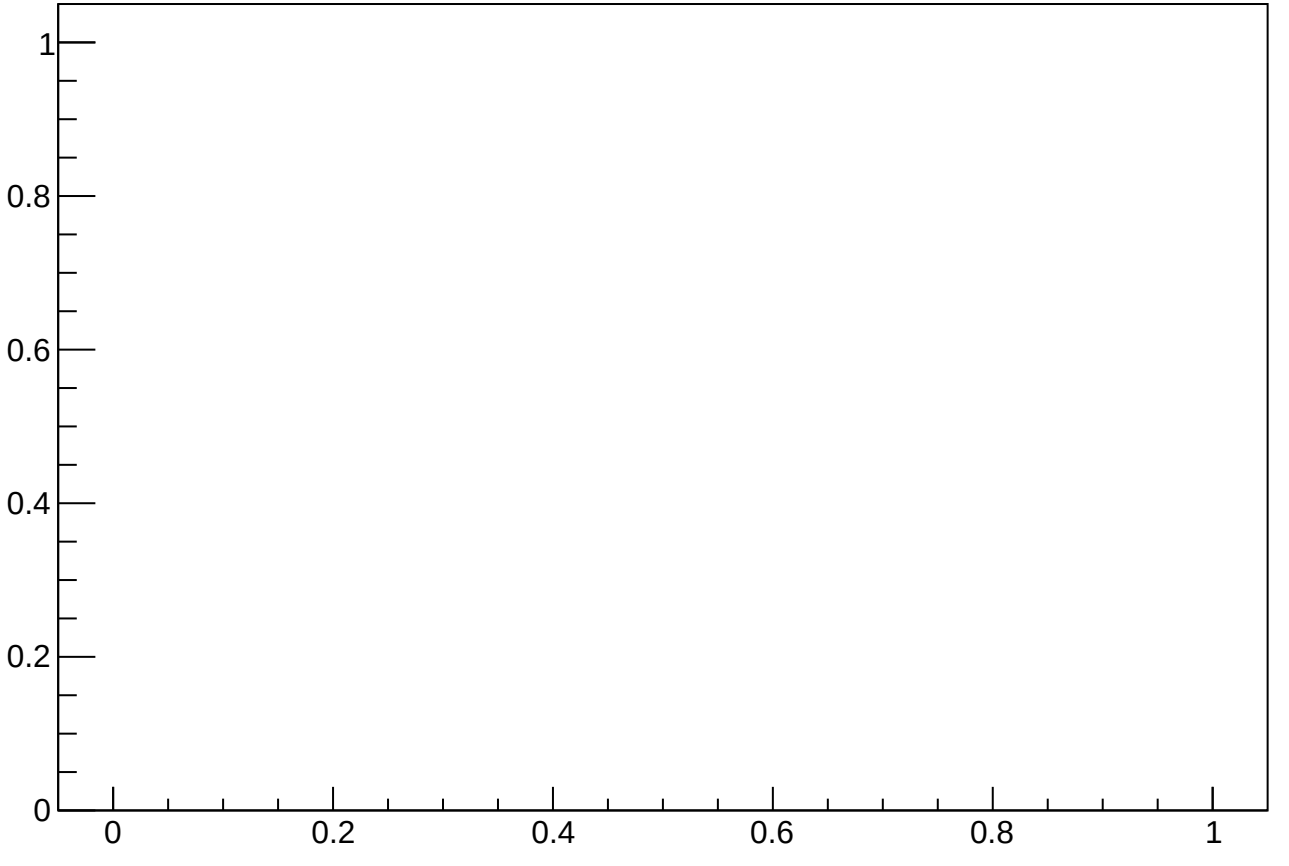
dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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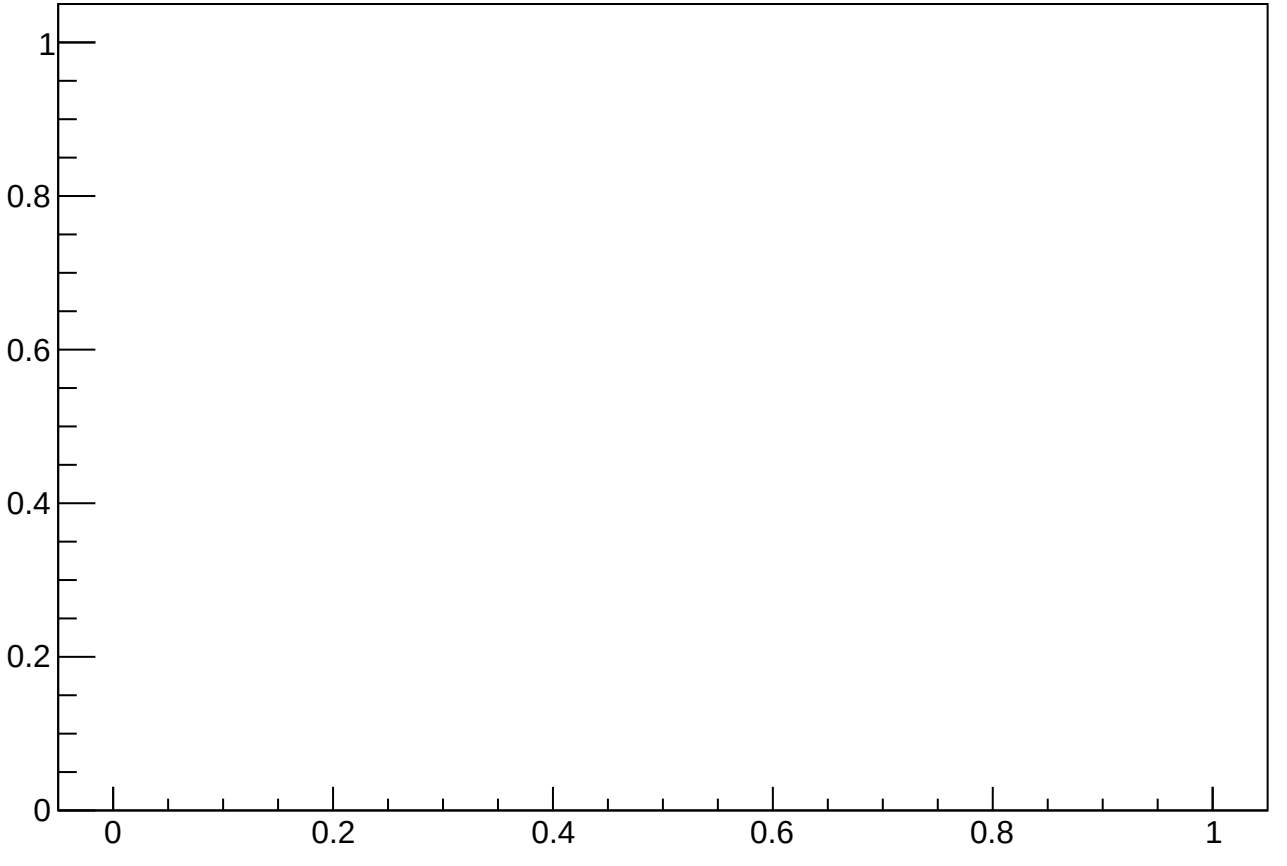
dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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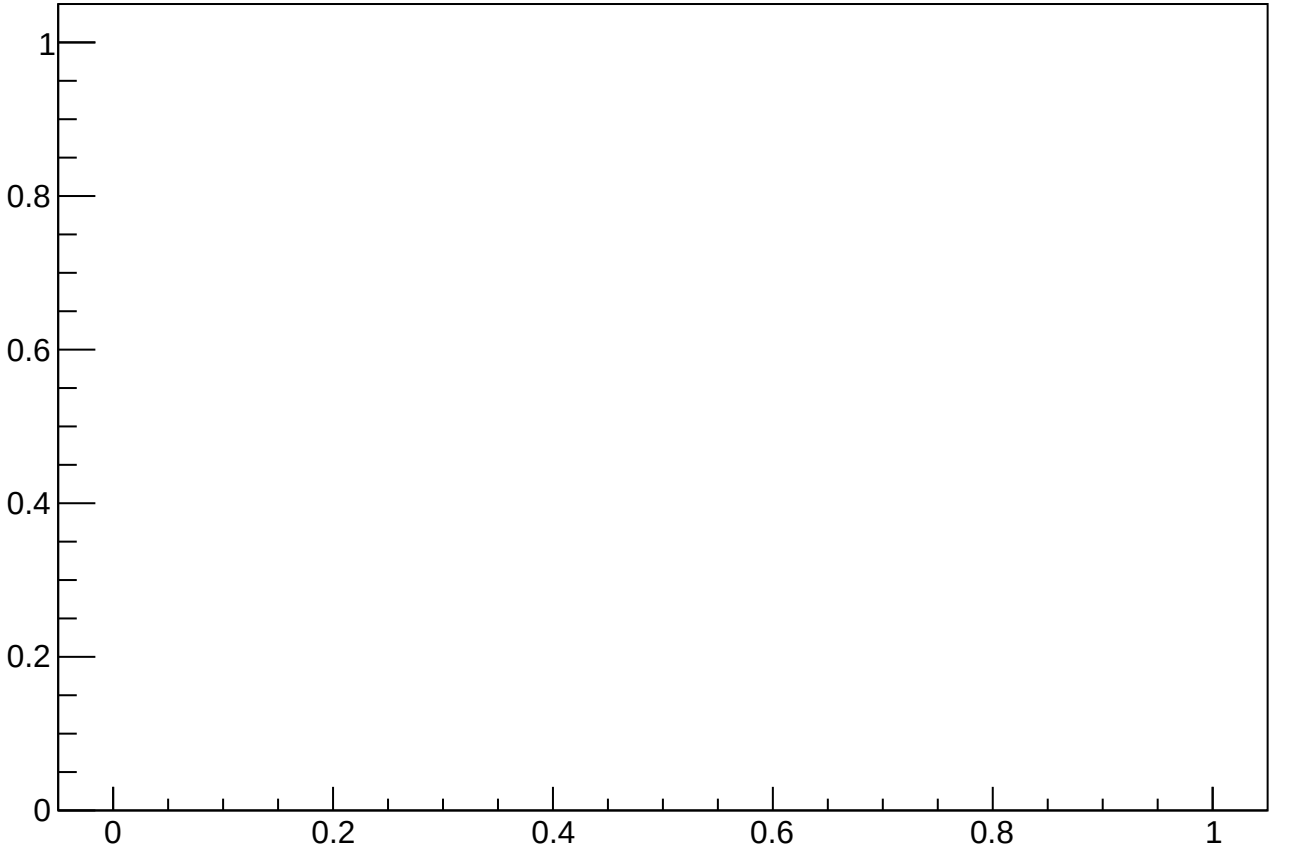
dit_atr2_coil1_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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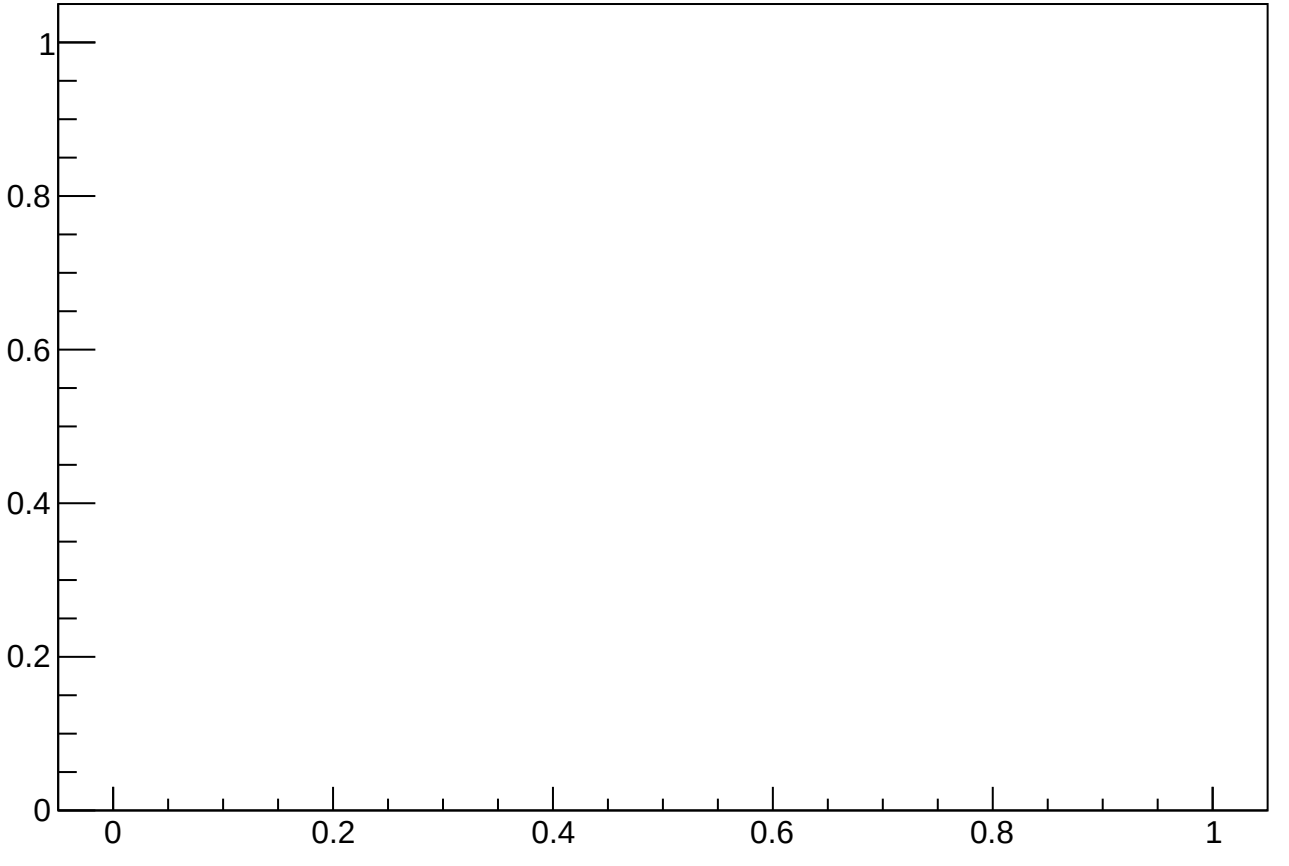
dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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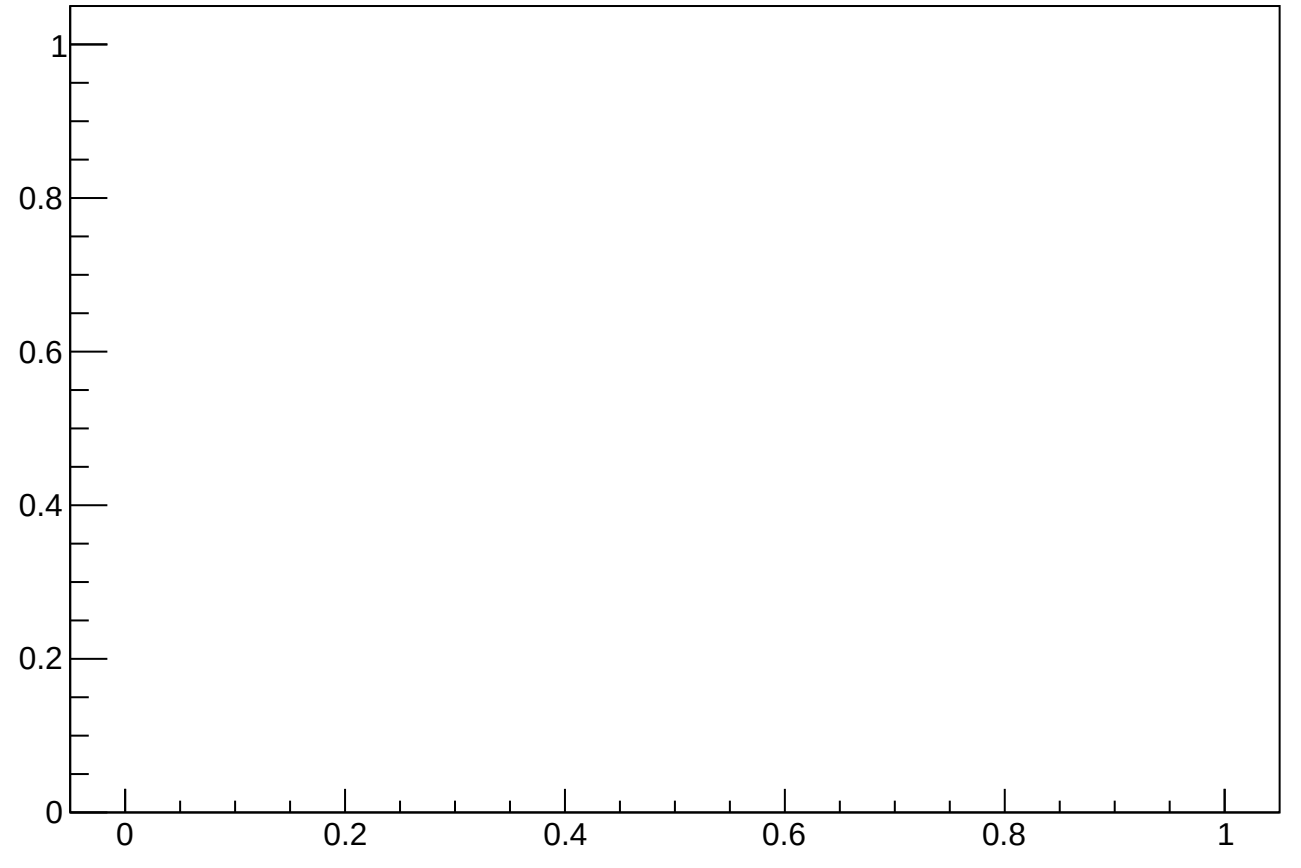

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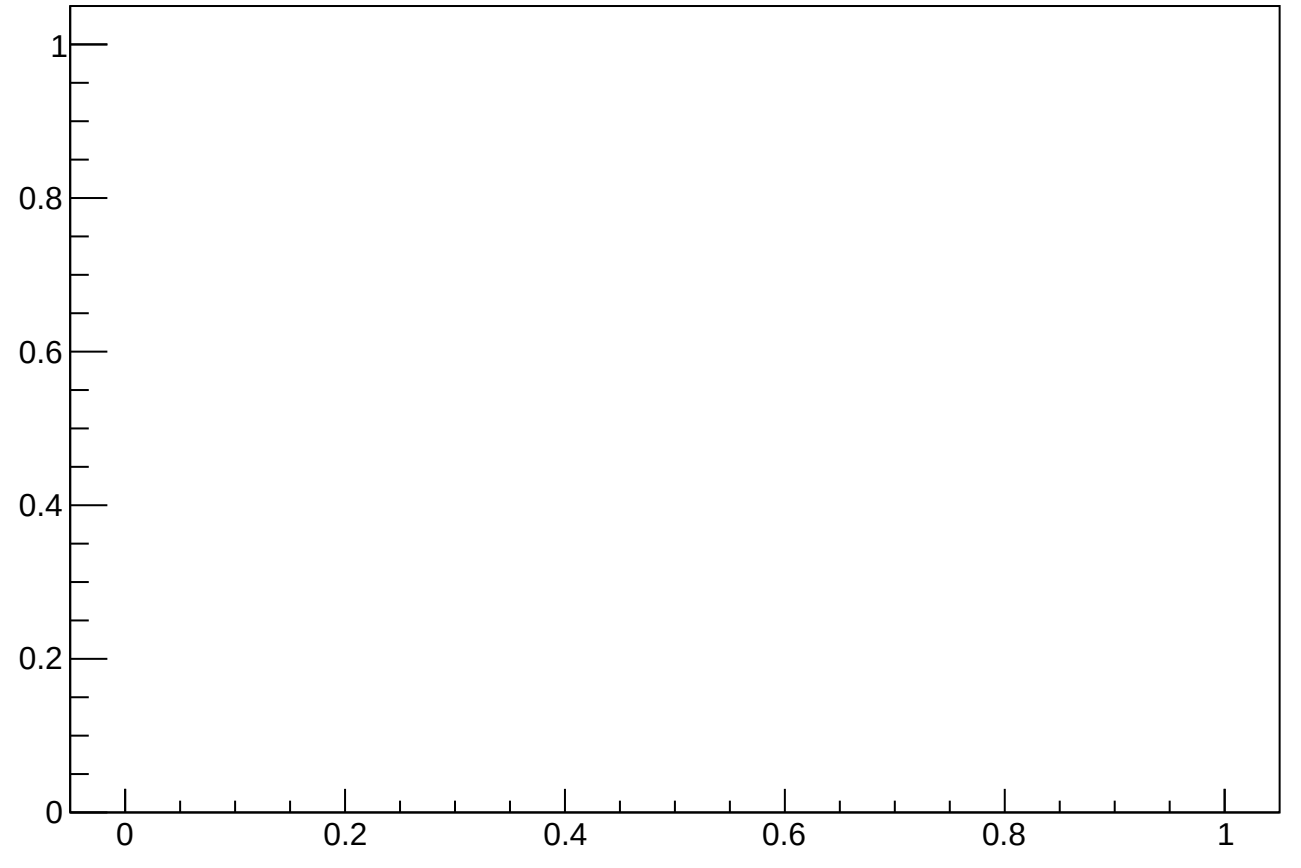

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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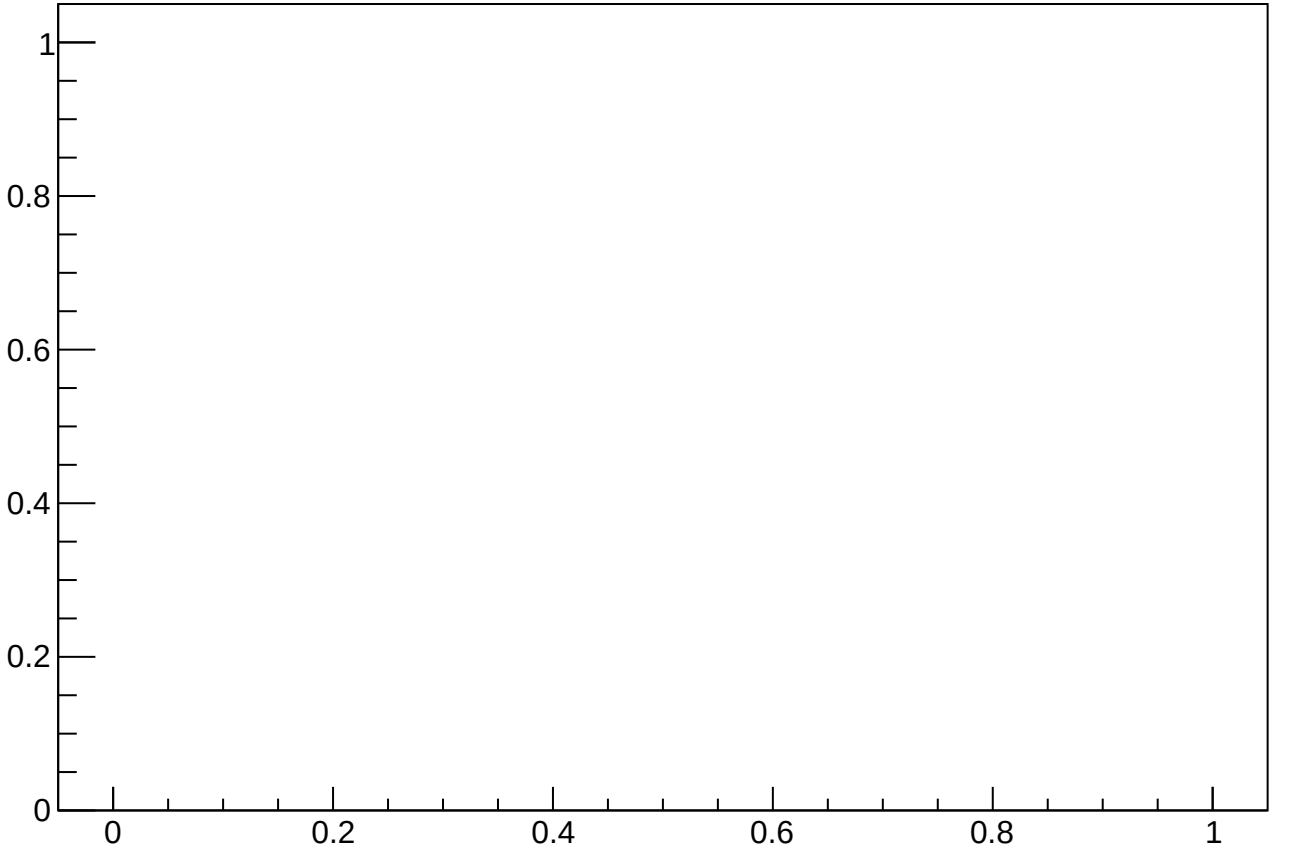
dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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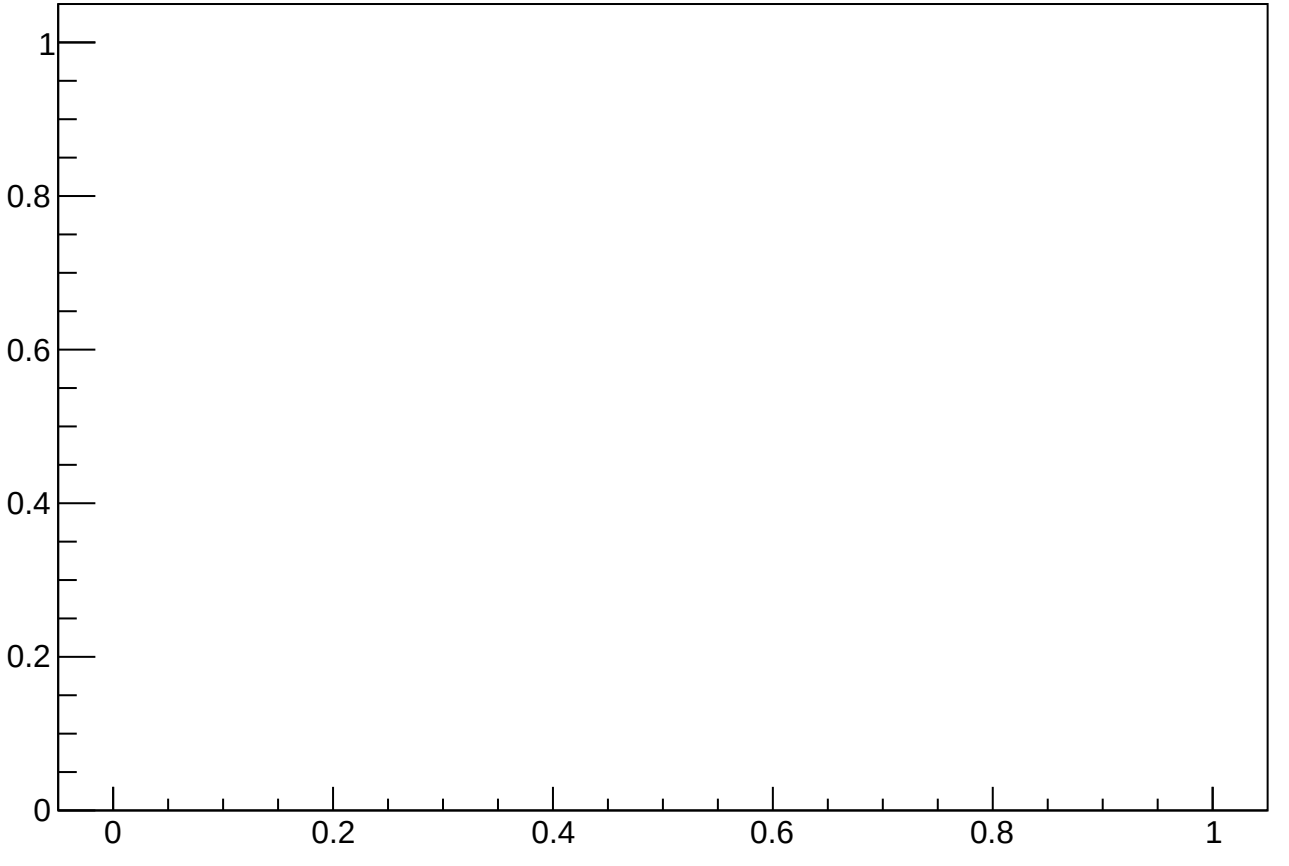
dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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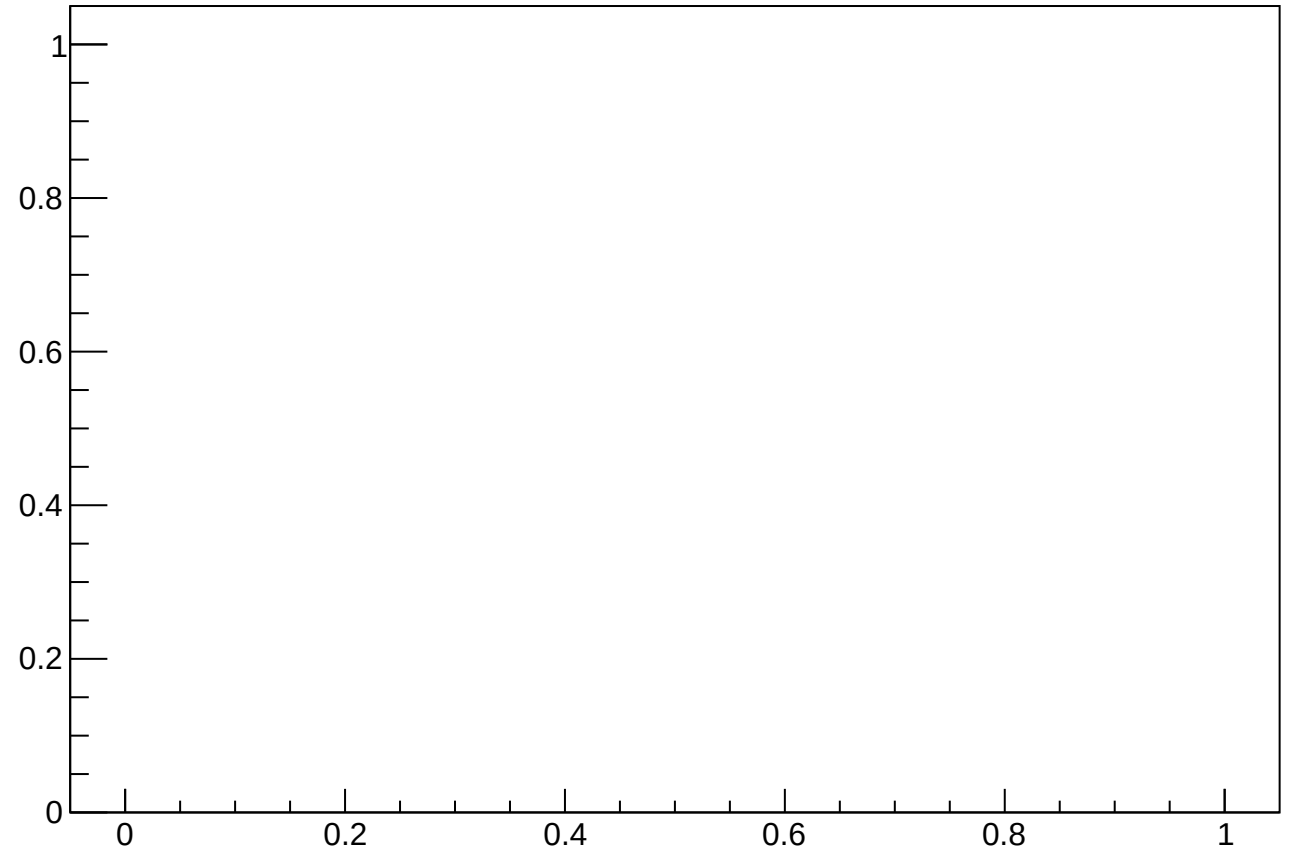

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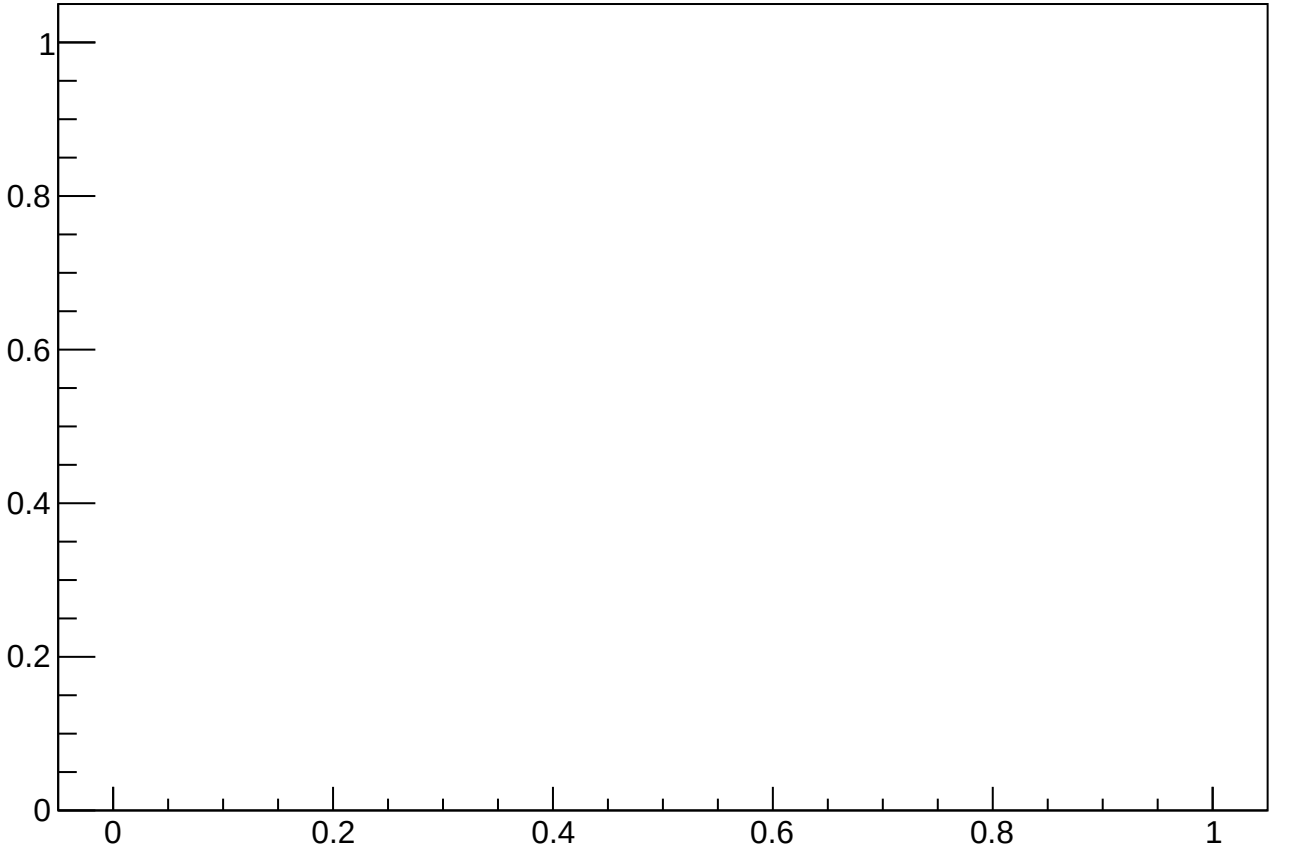
dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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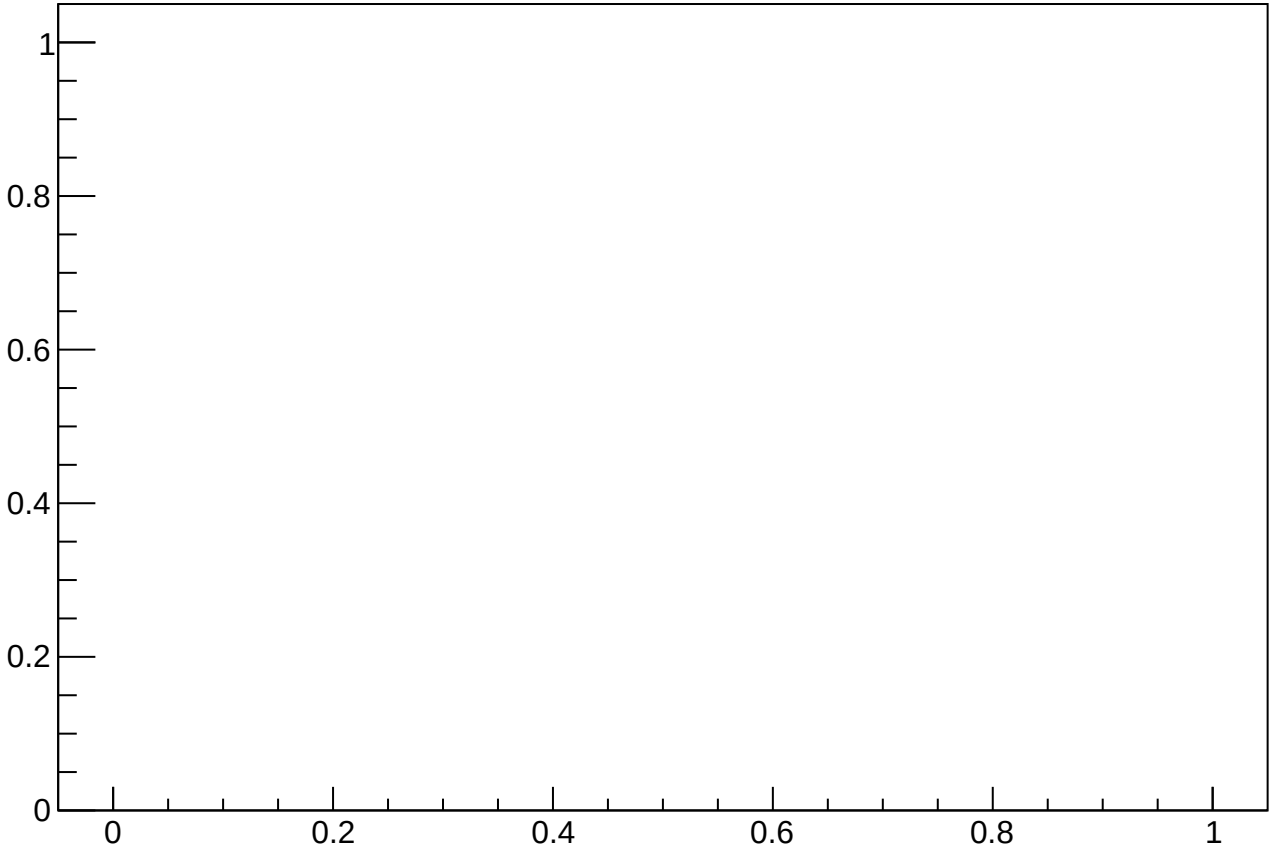
dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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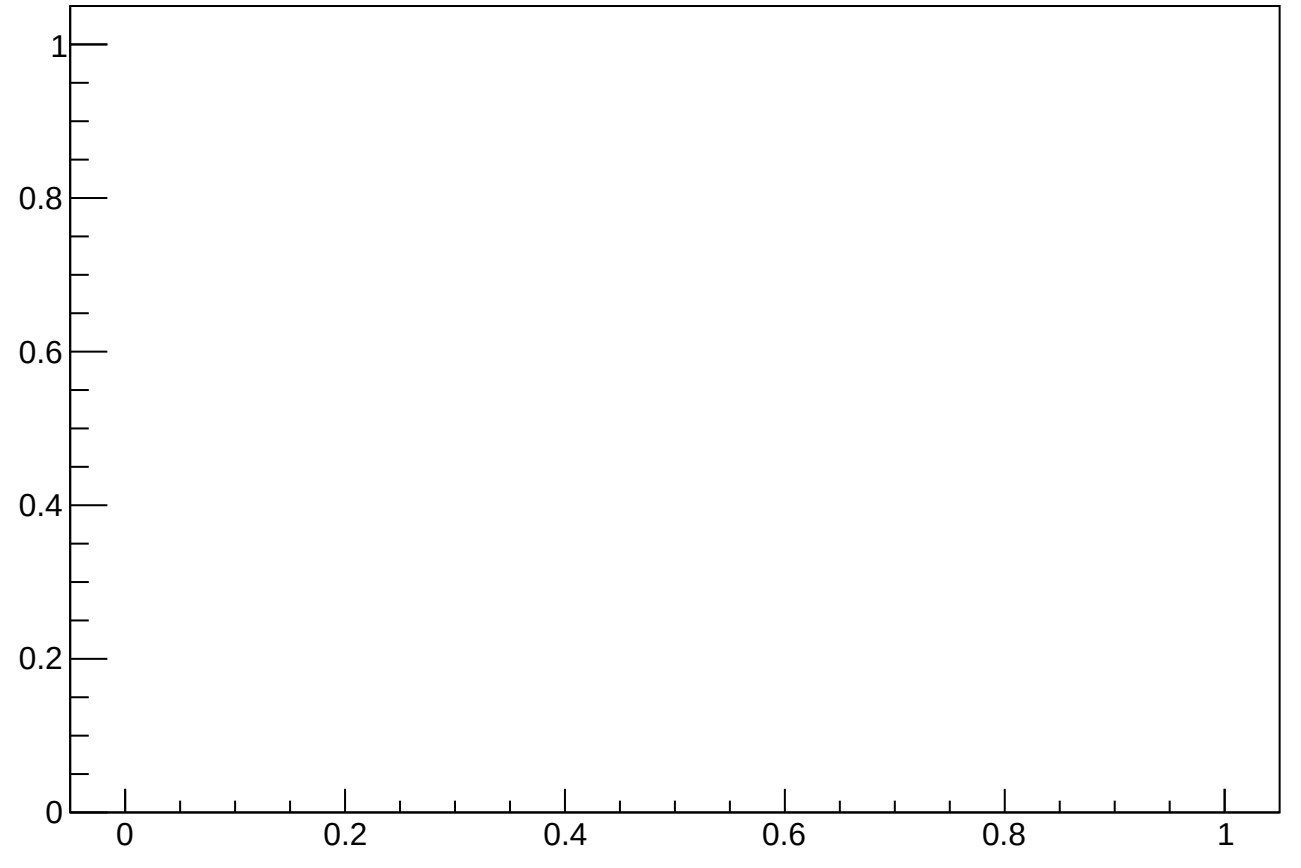

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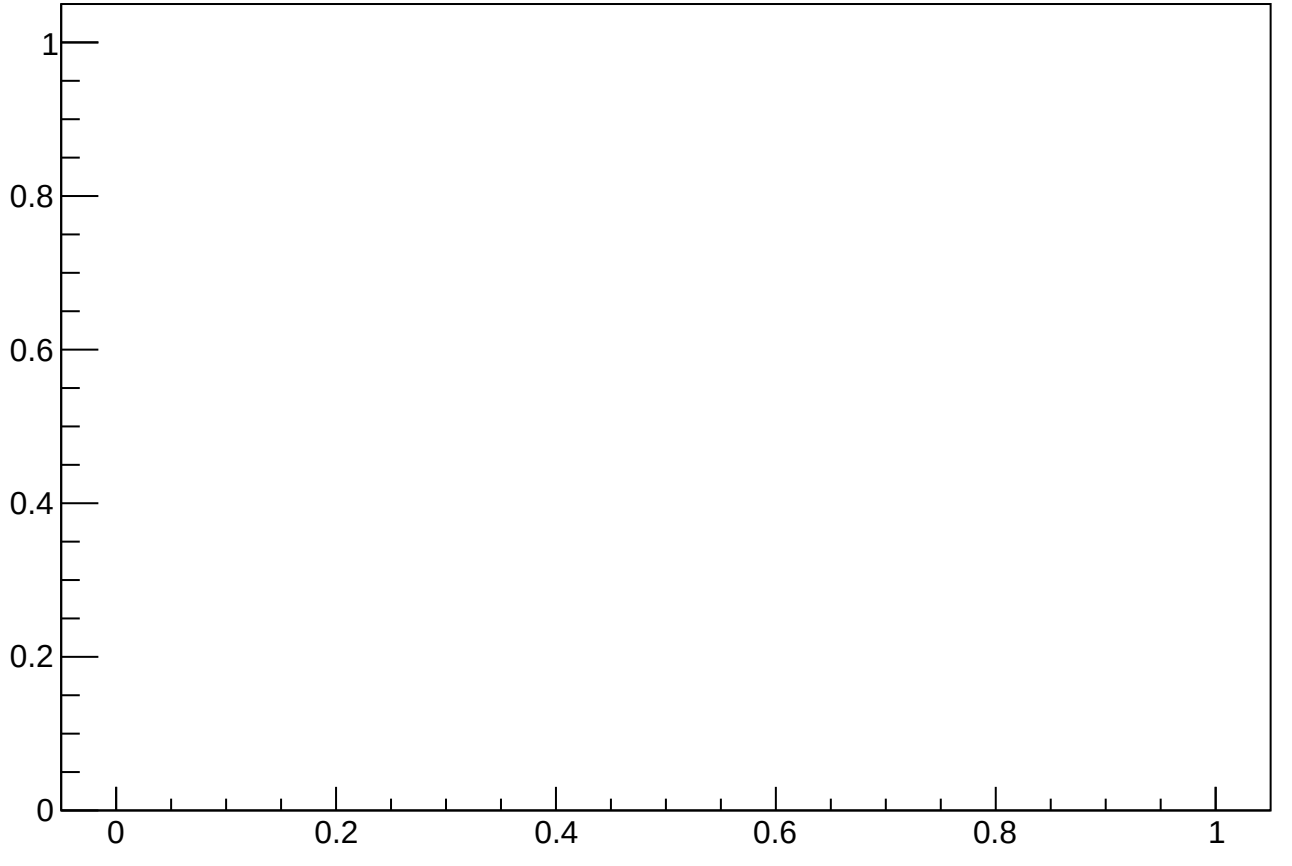
dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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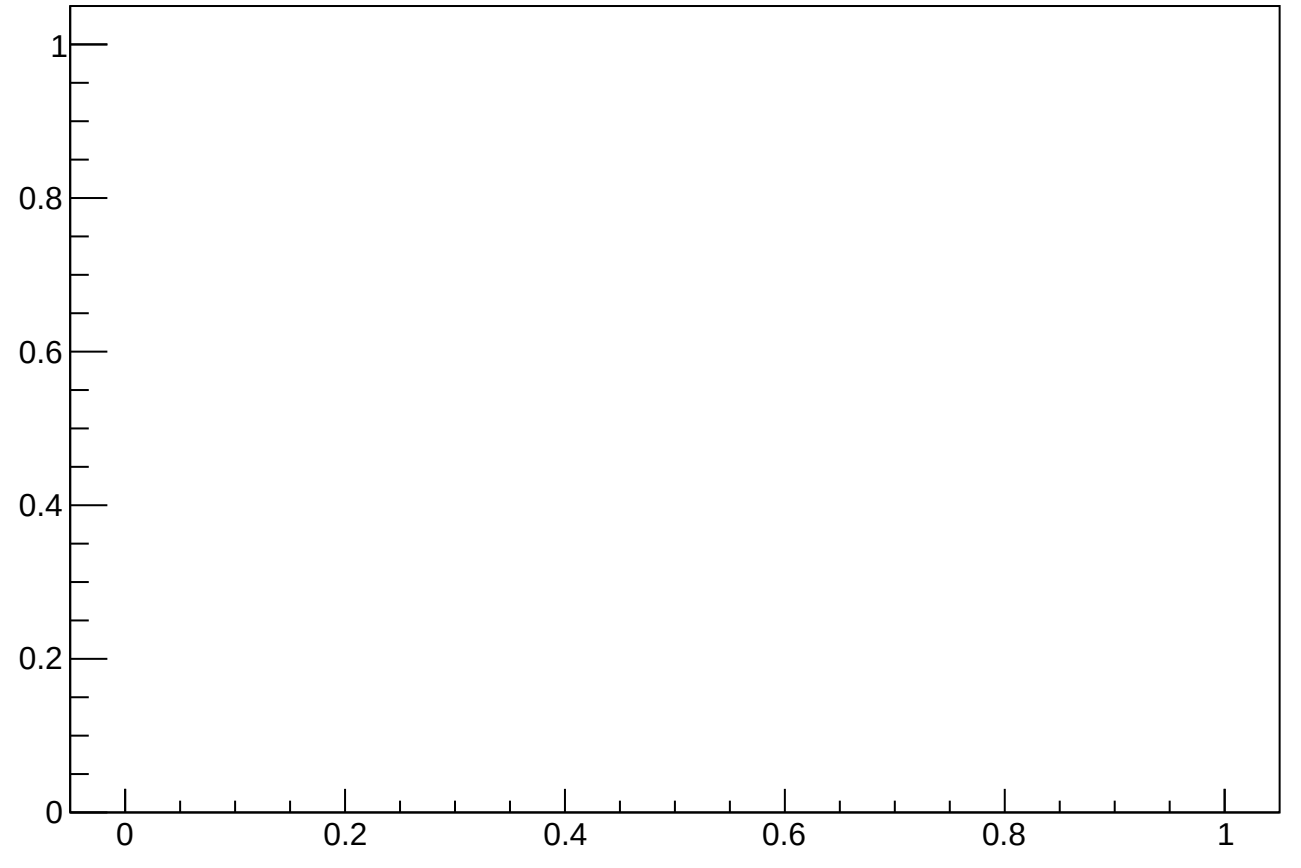

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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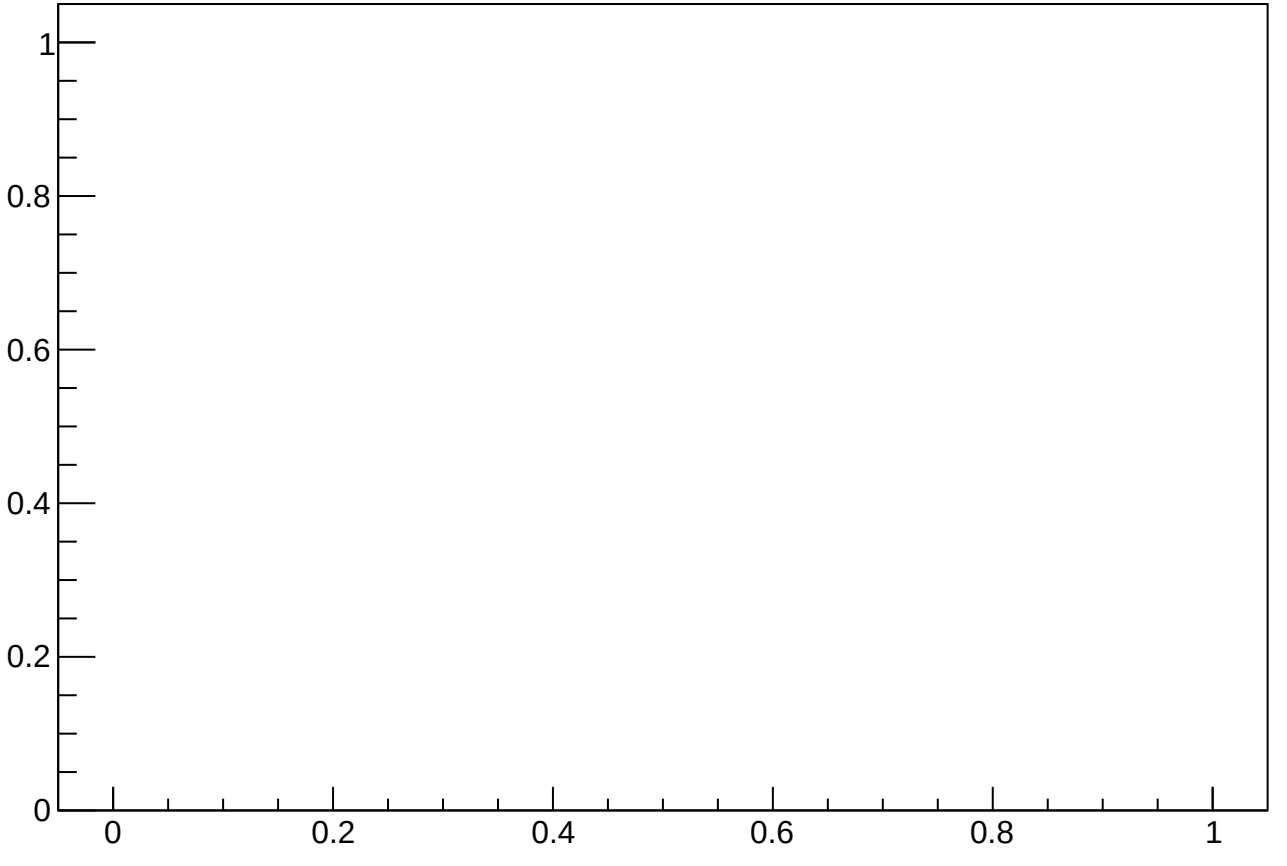
dit_sam4_coil1_mean vs Slug, Sign Corrected



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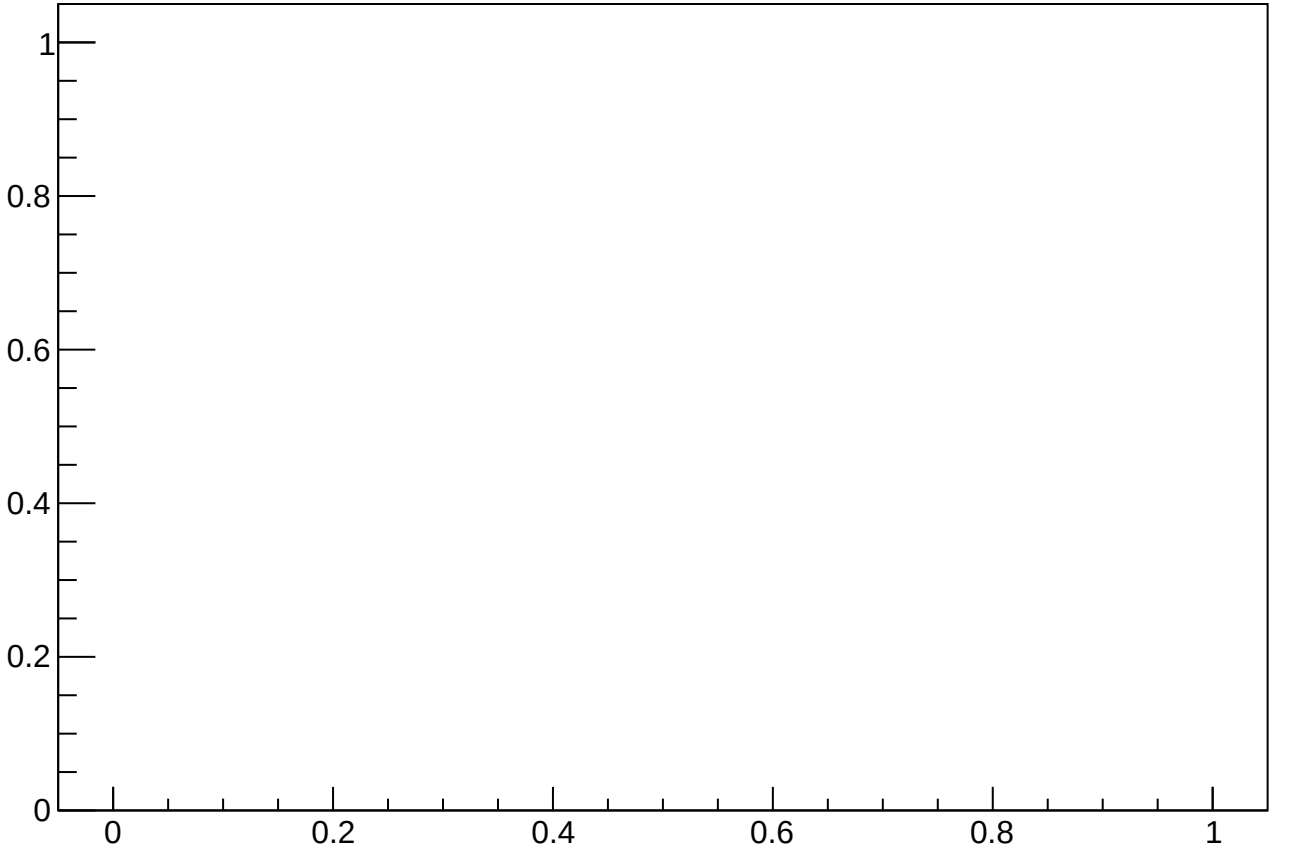
dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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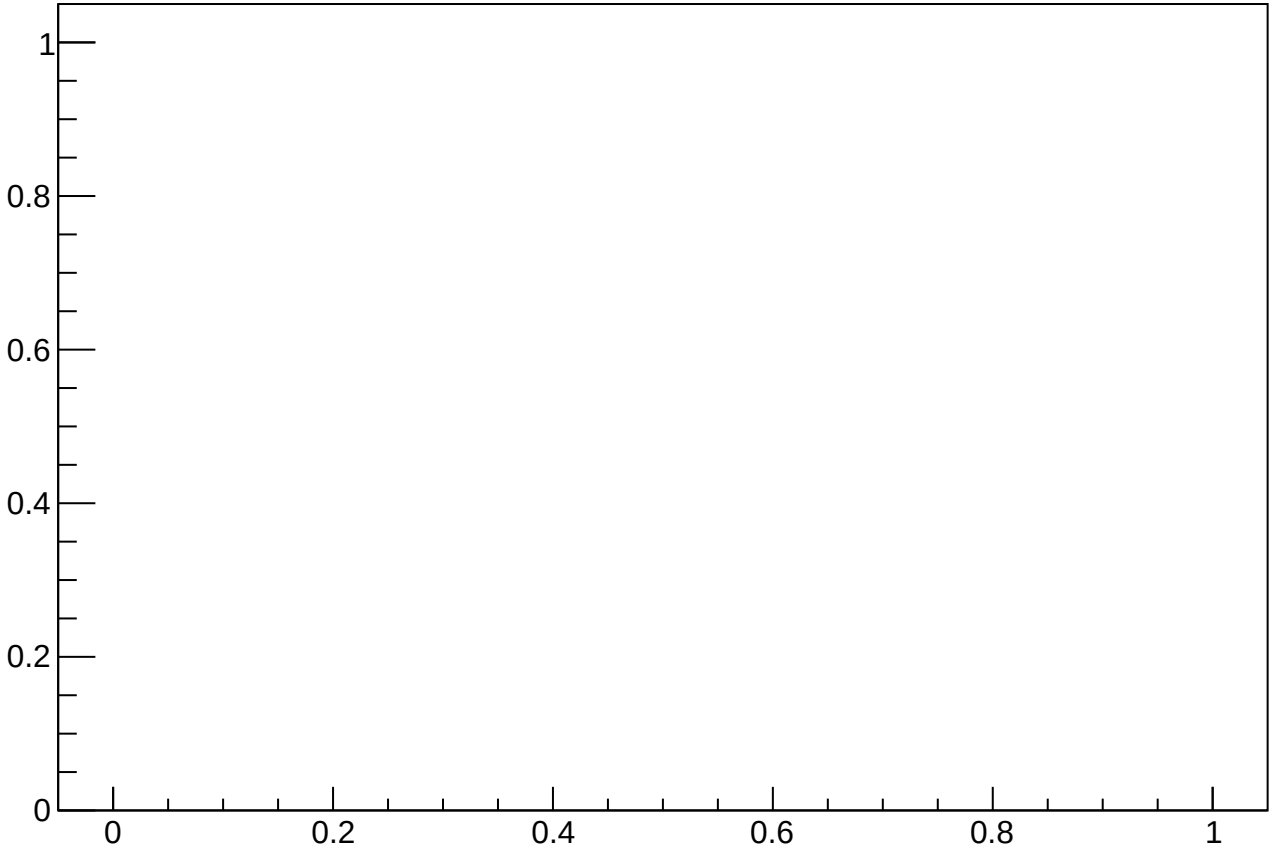
dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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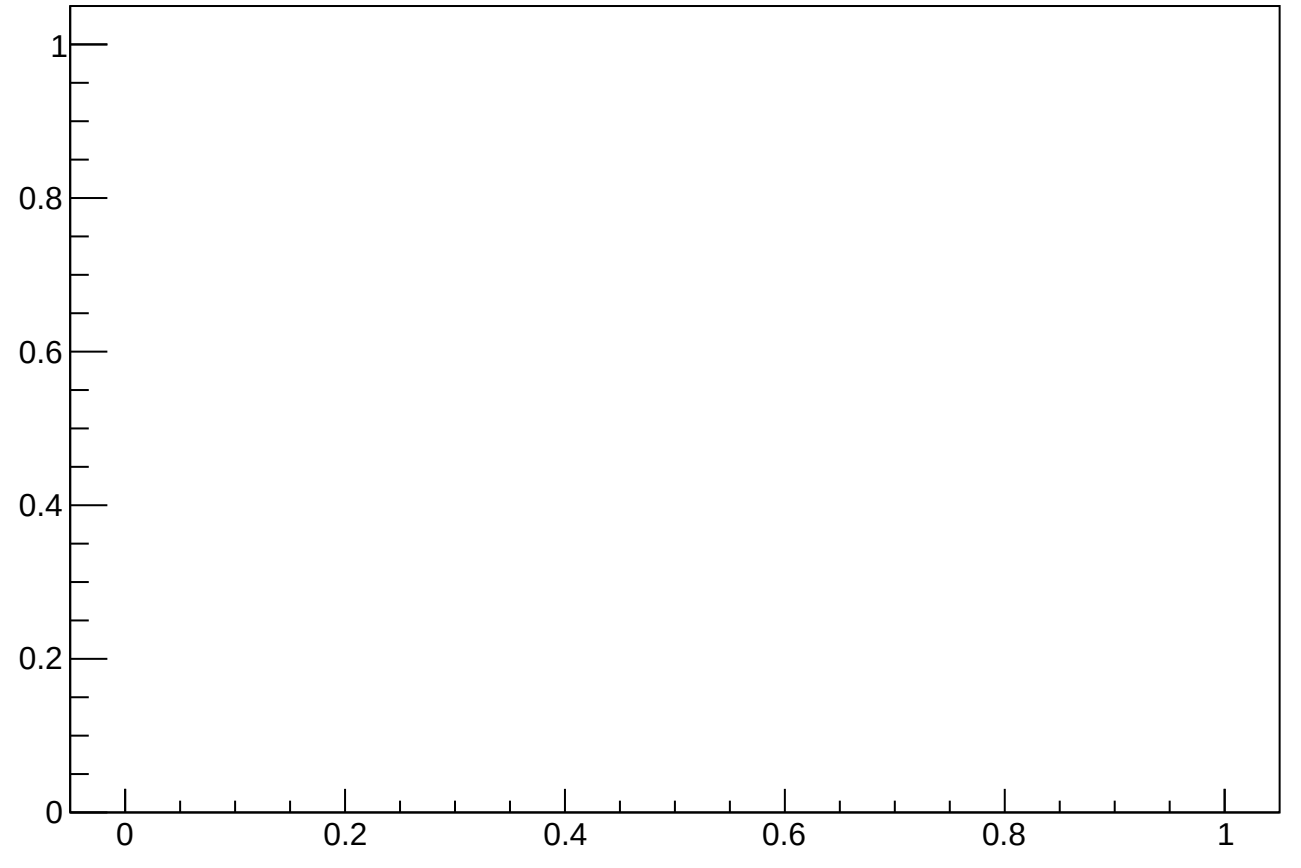

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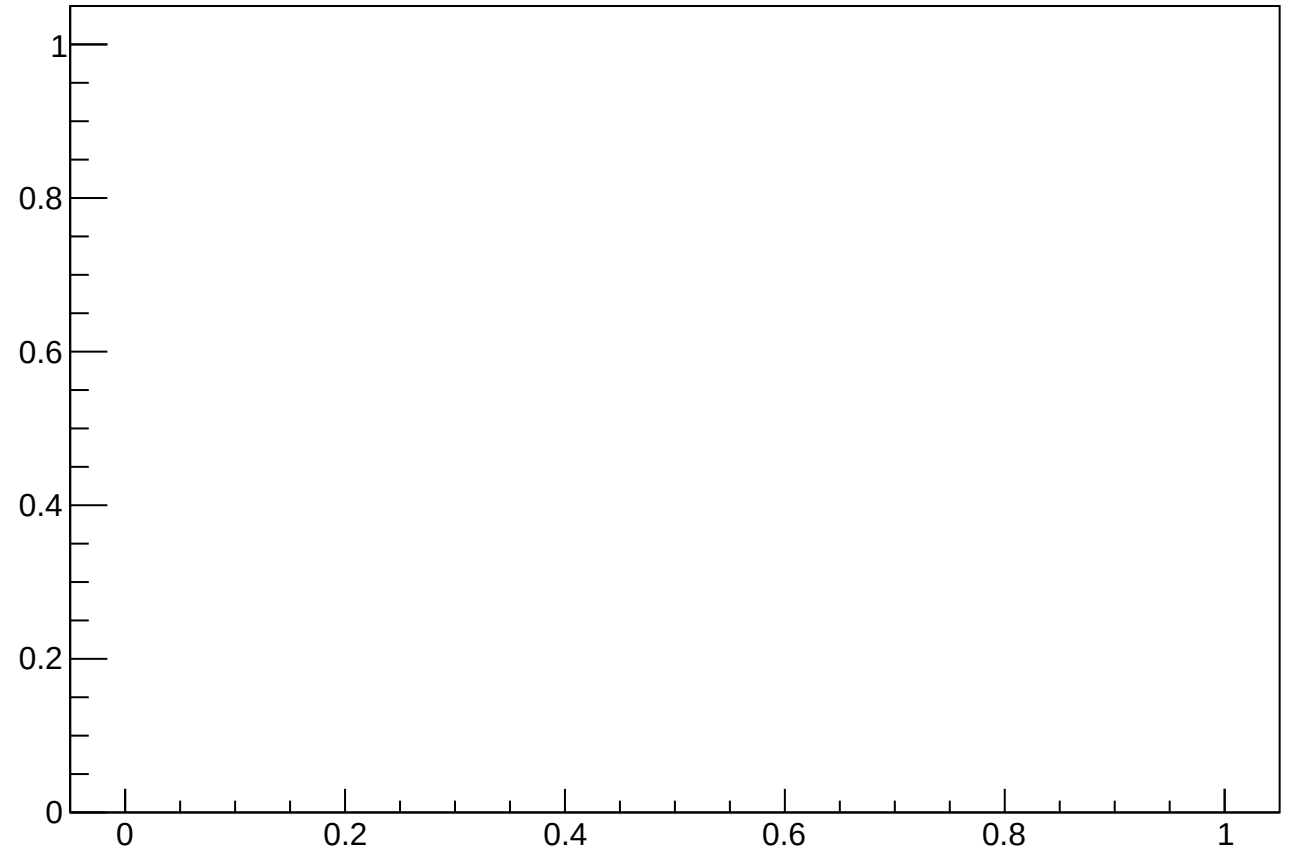

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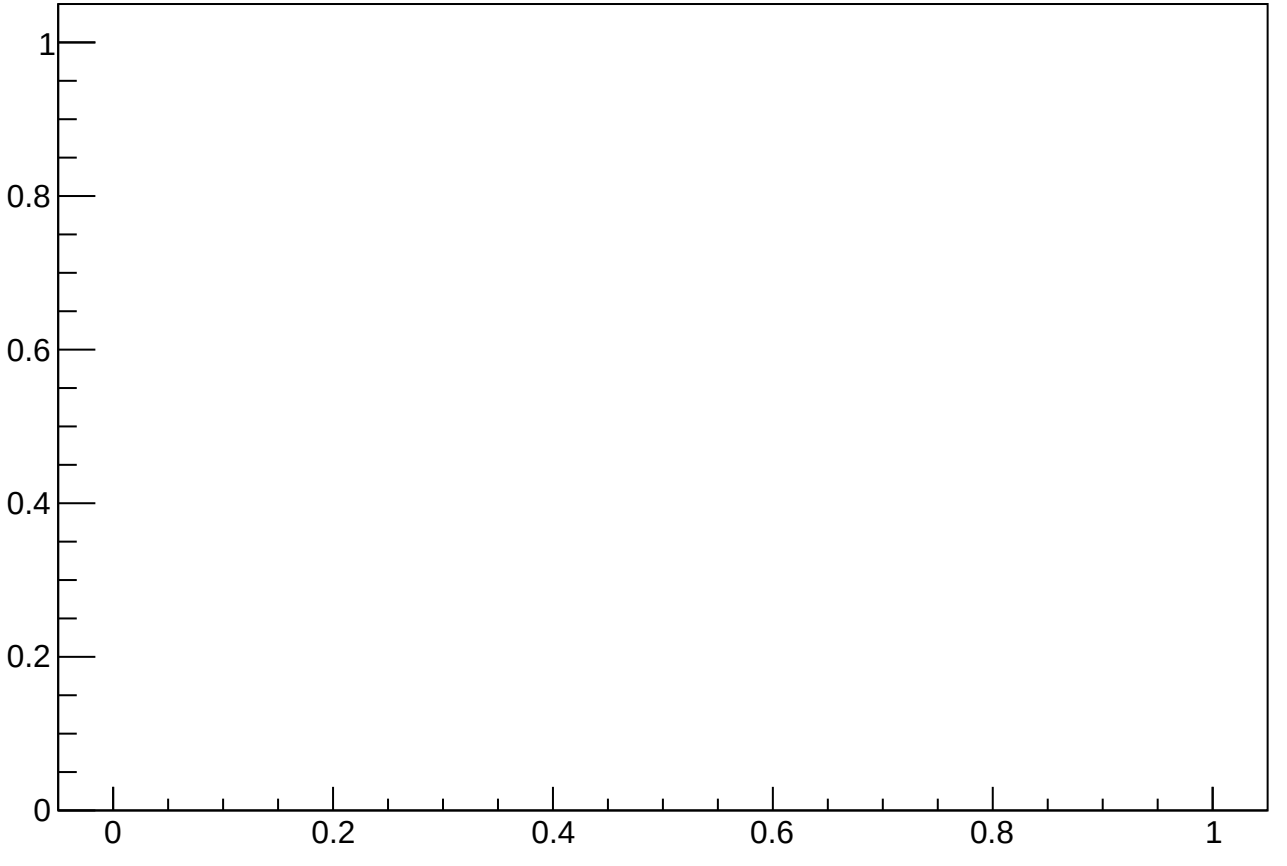
dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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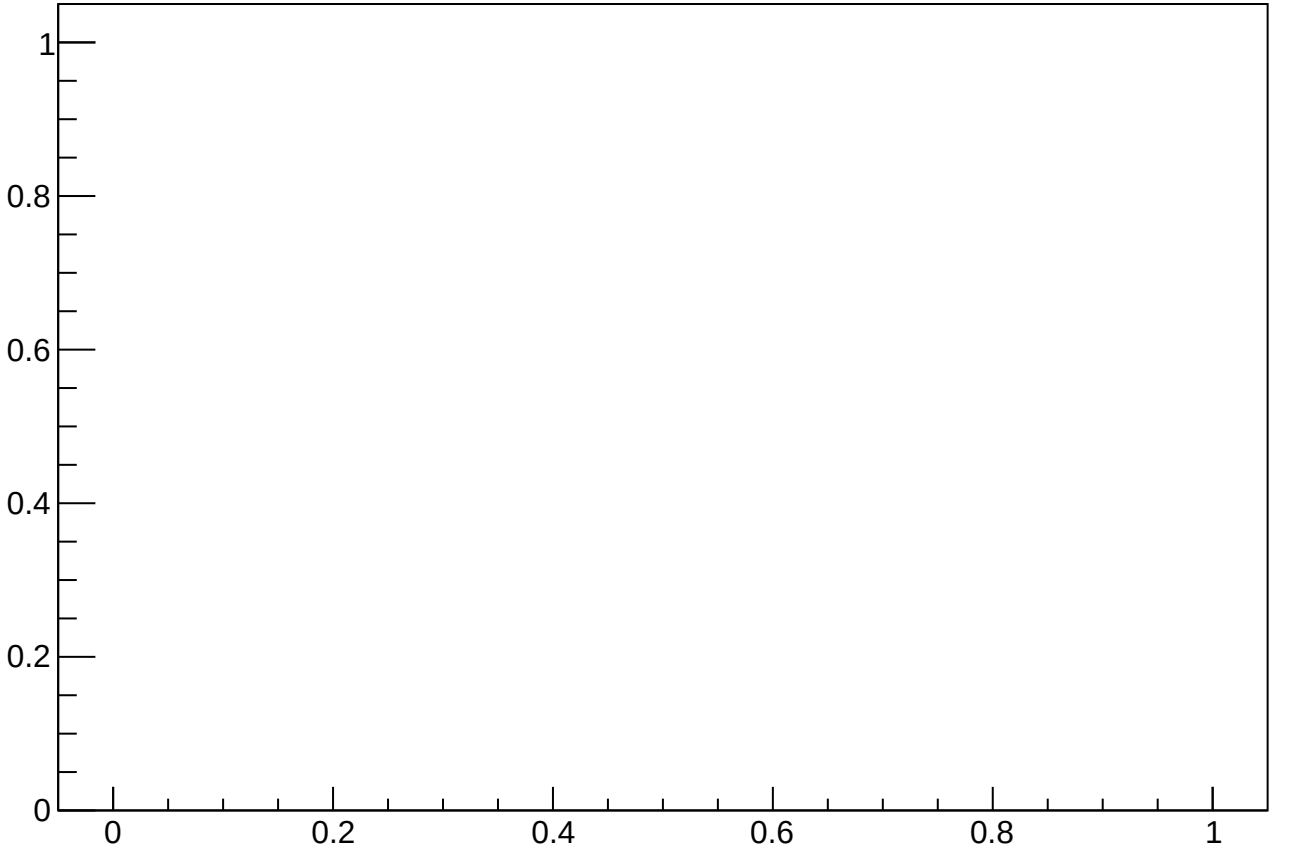
dit_sam6_coil1_mean vs Slug, Sign Corrected



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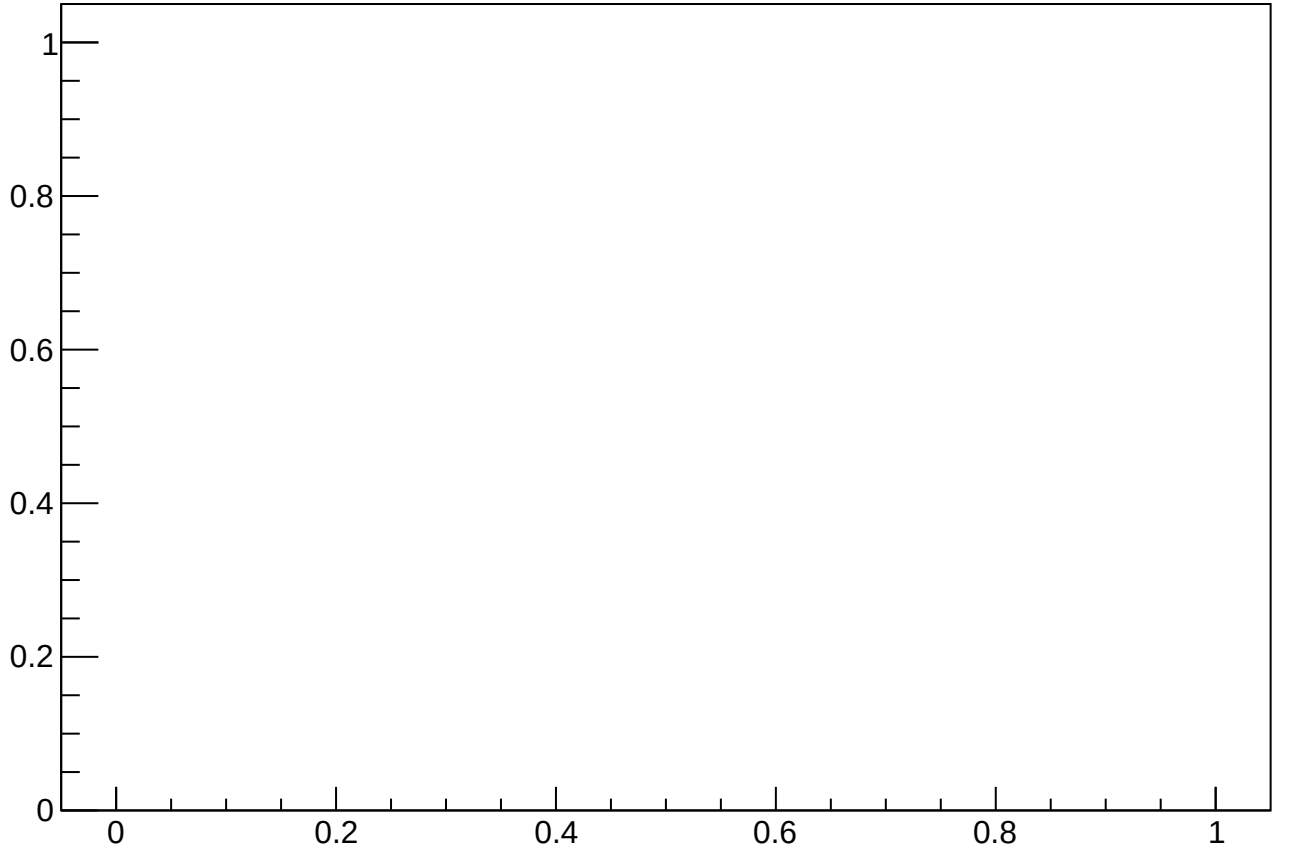
dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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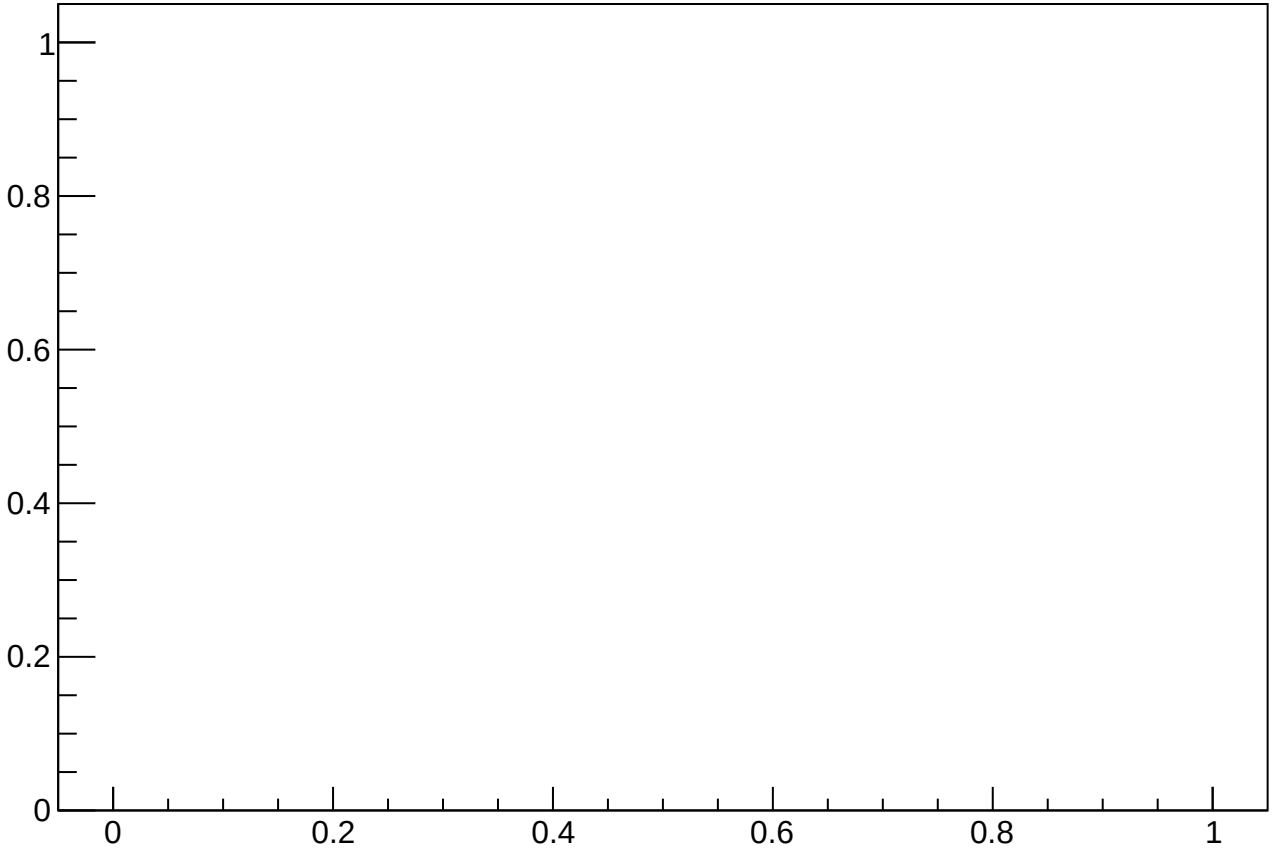
dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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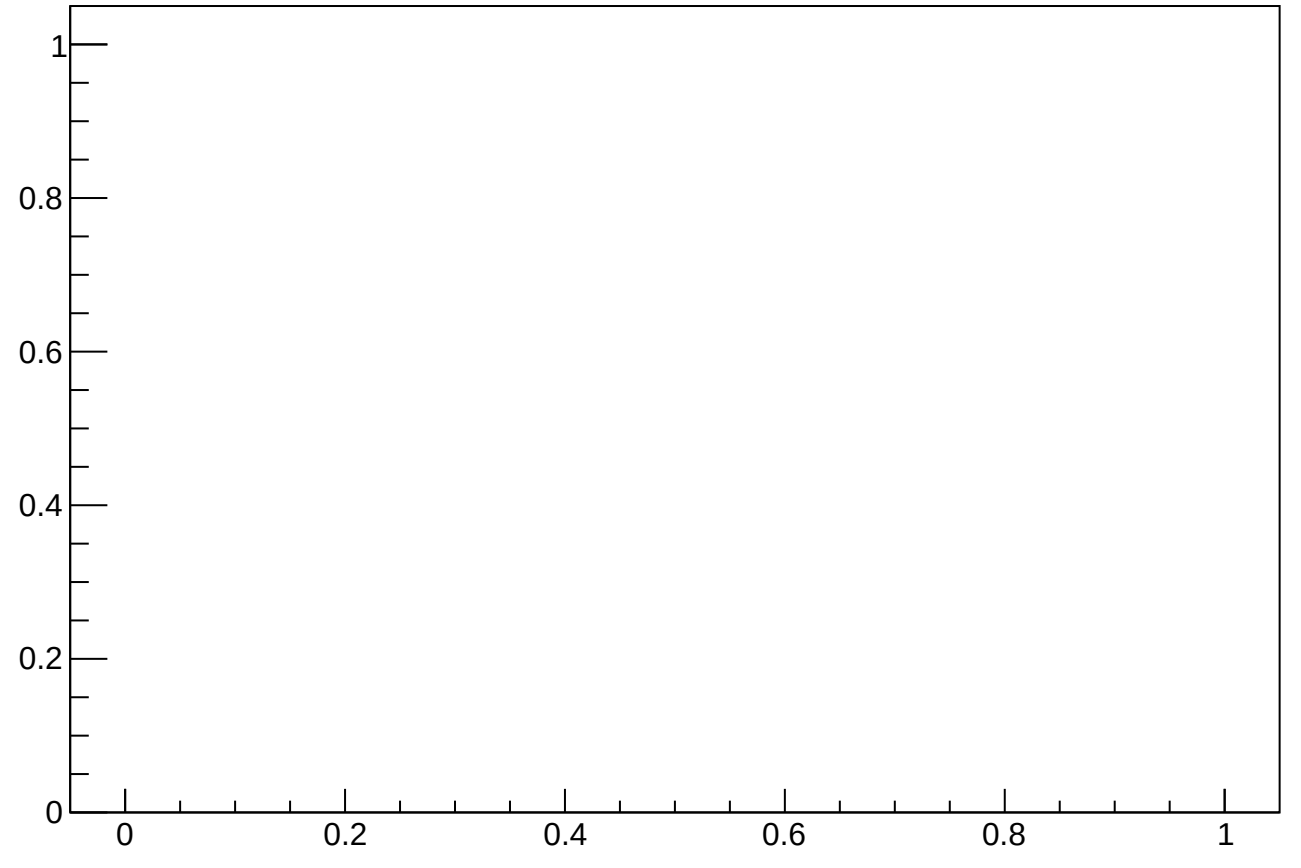

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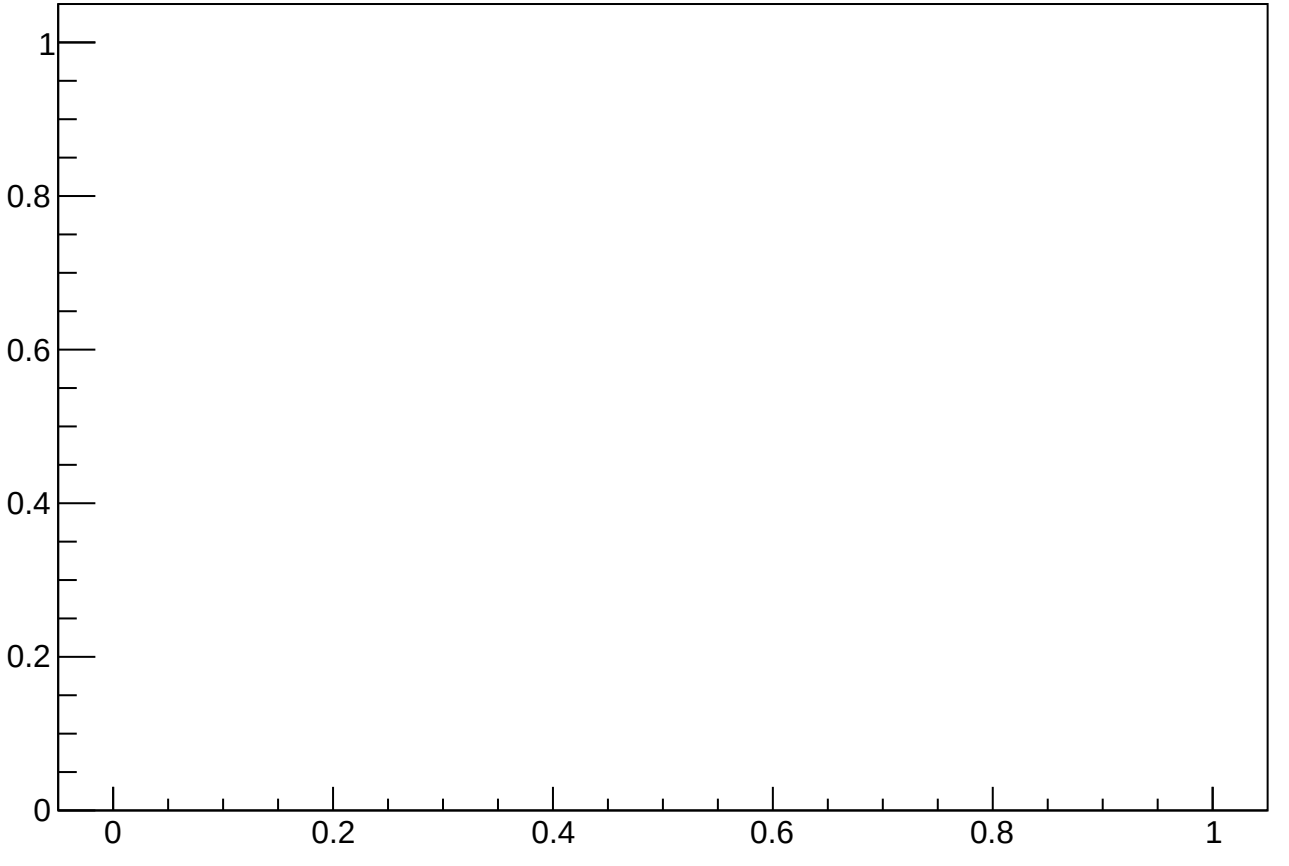
dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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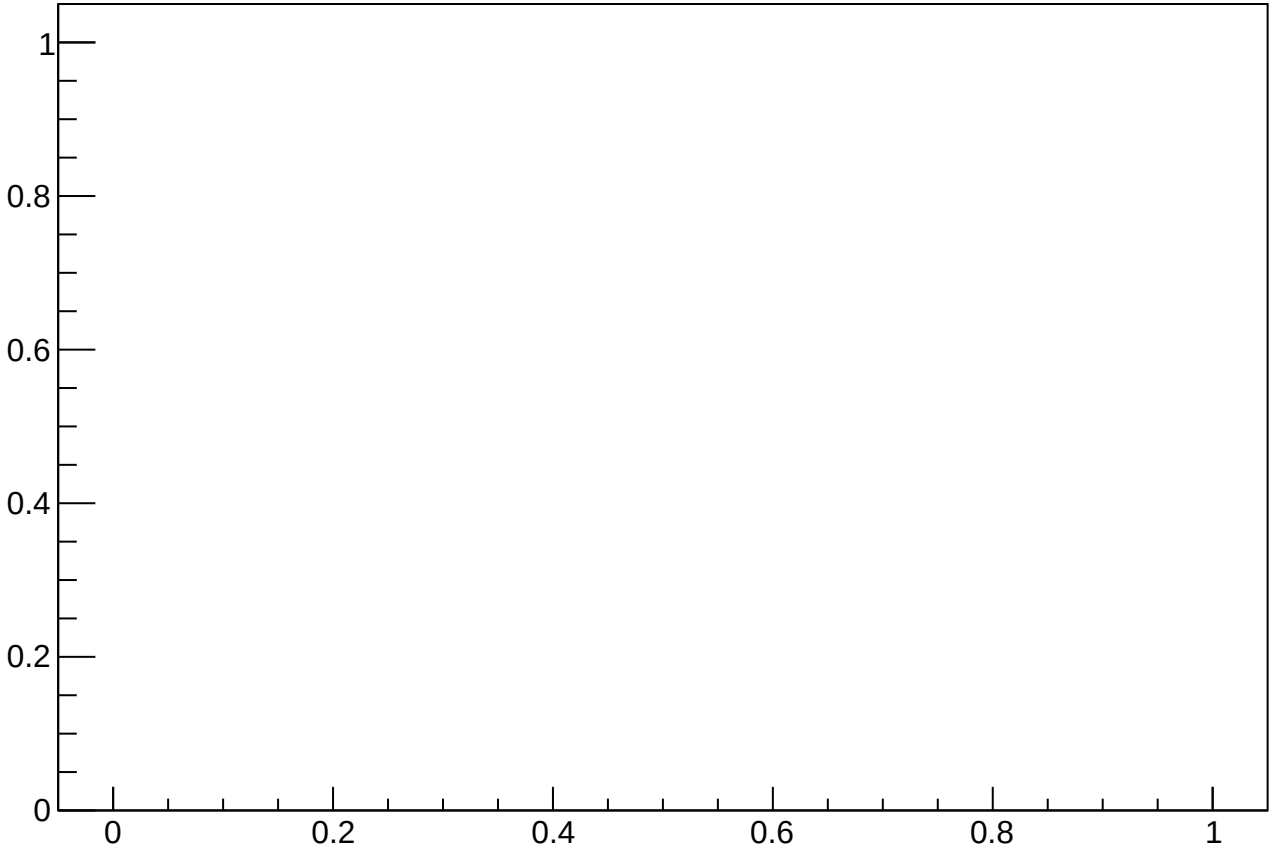

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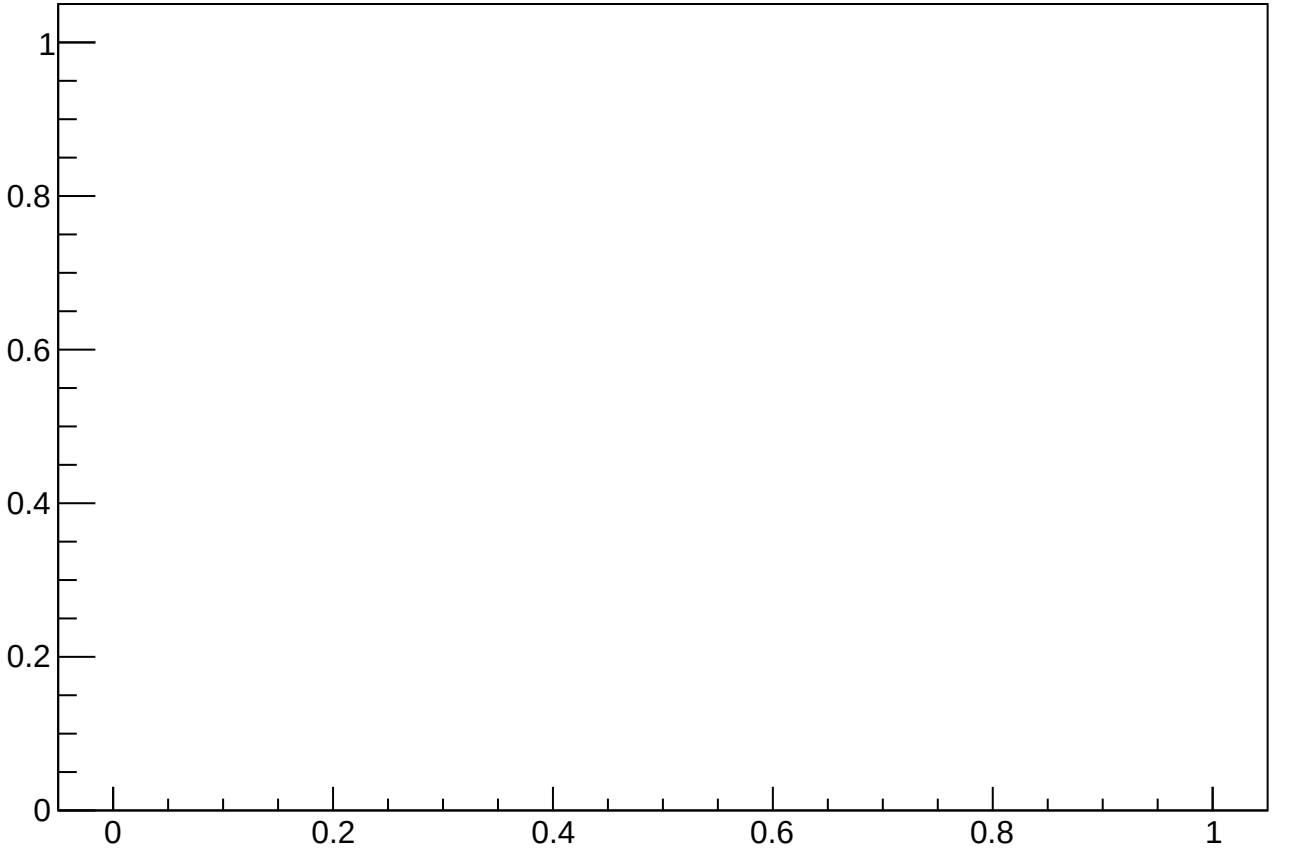
dit_sam8_coil1_mean vs Slug, Sign Corrected



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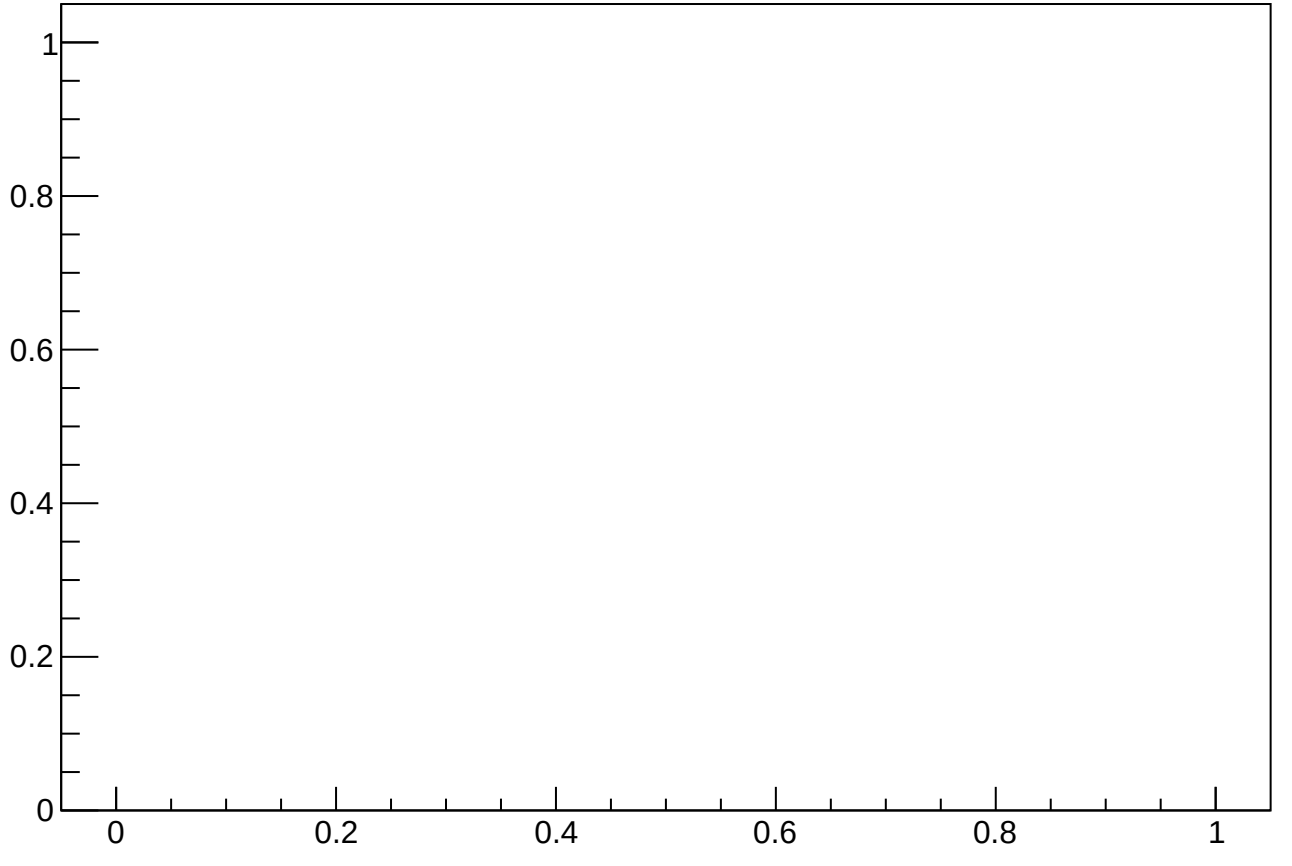
dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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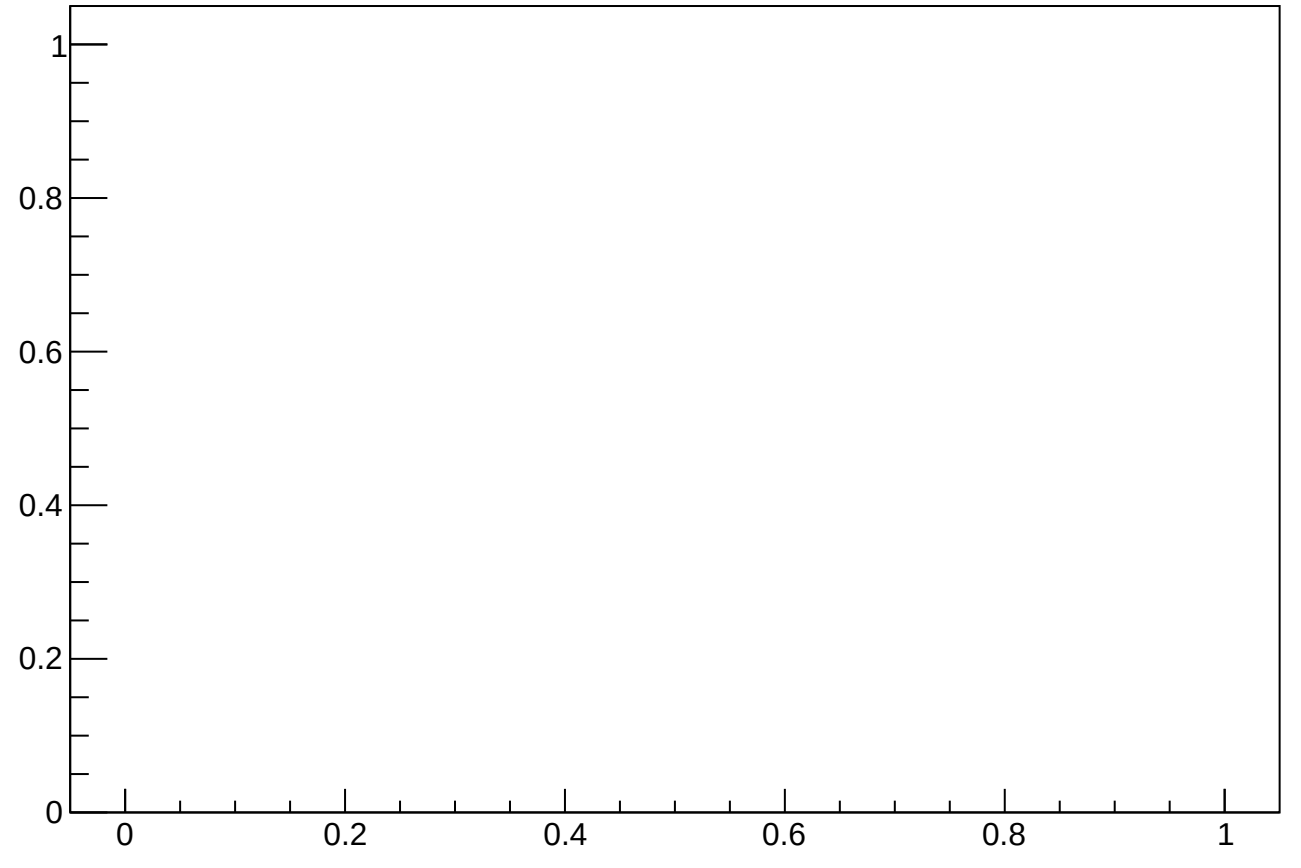

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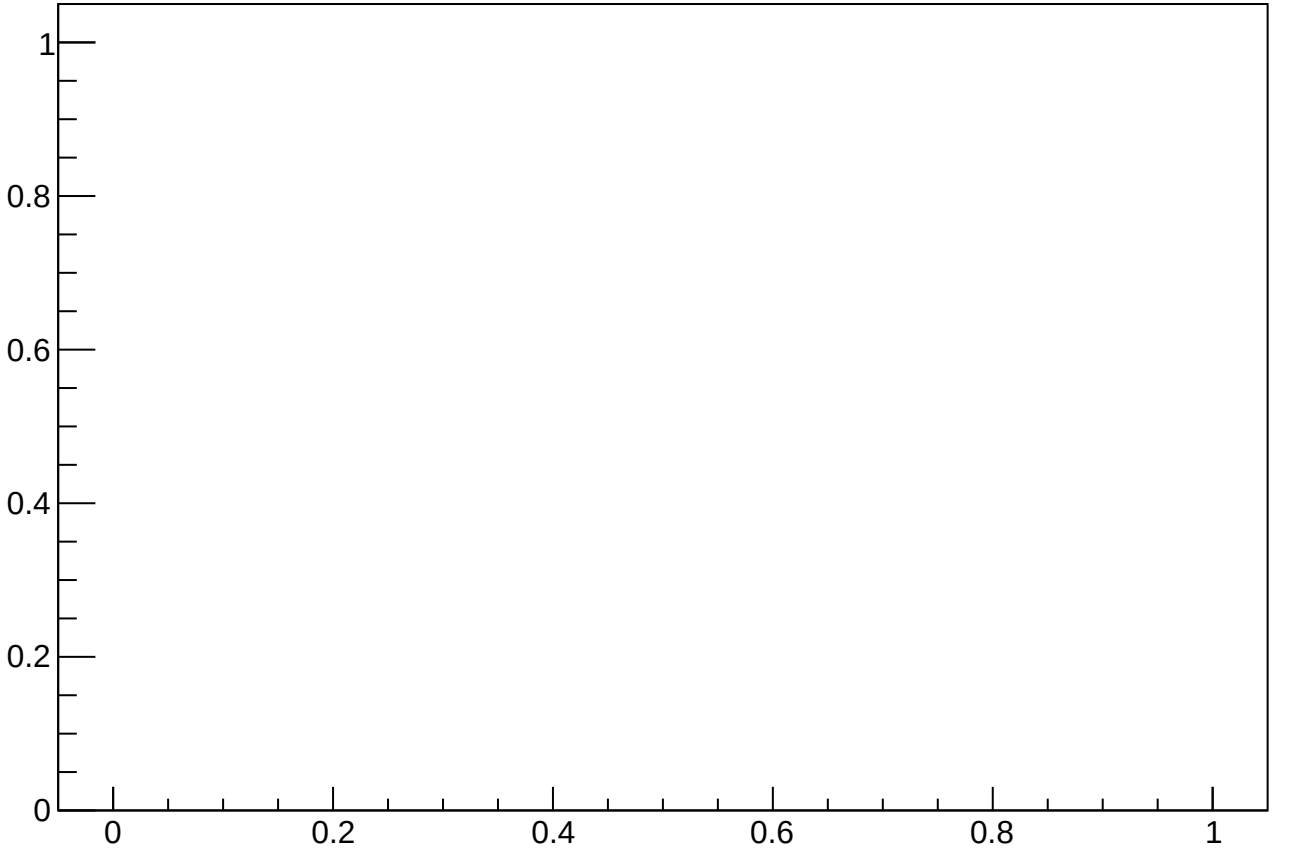
dit_4aX_coil3_mean vs Slug, Sign Corrected



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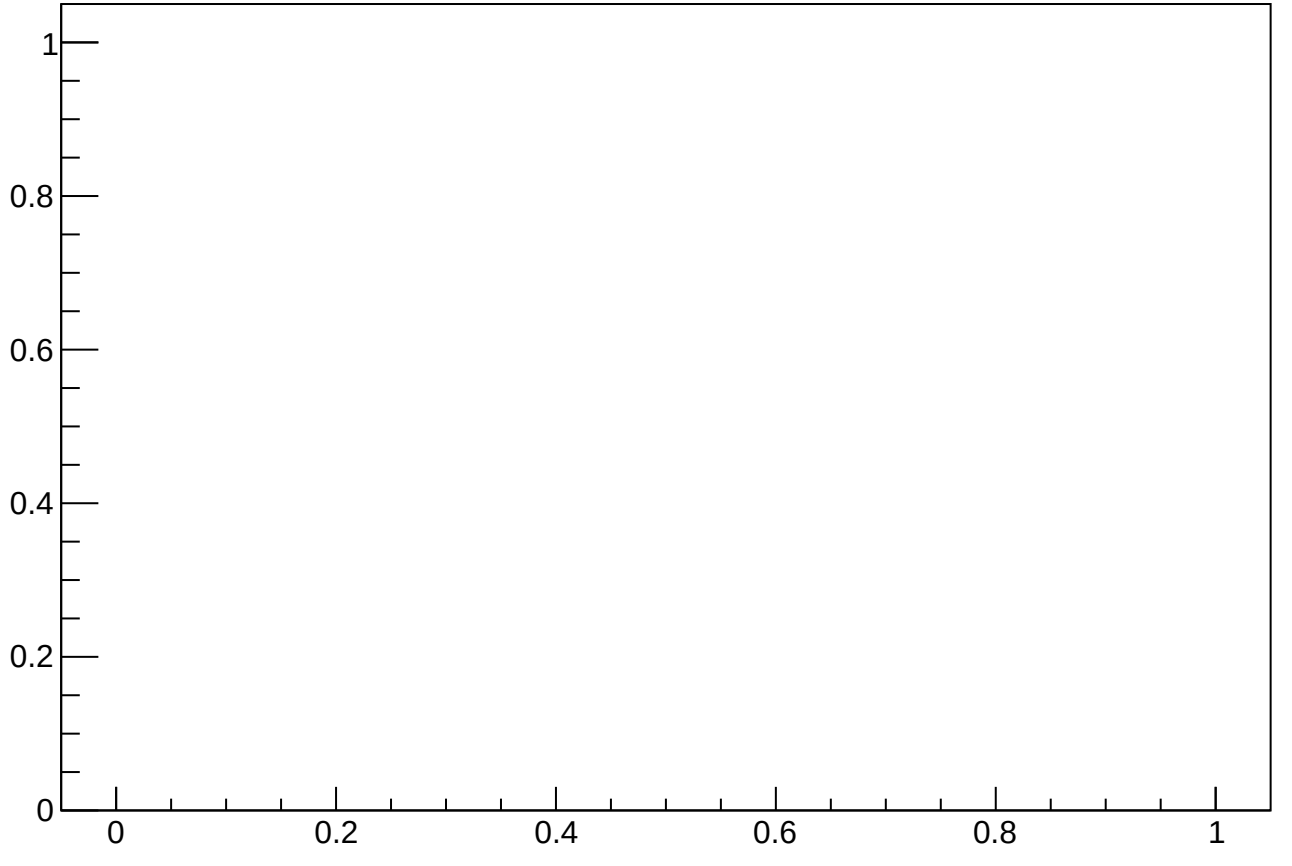

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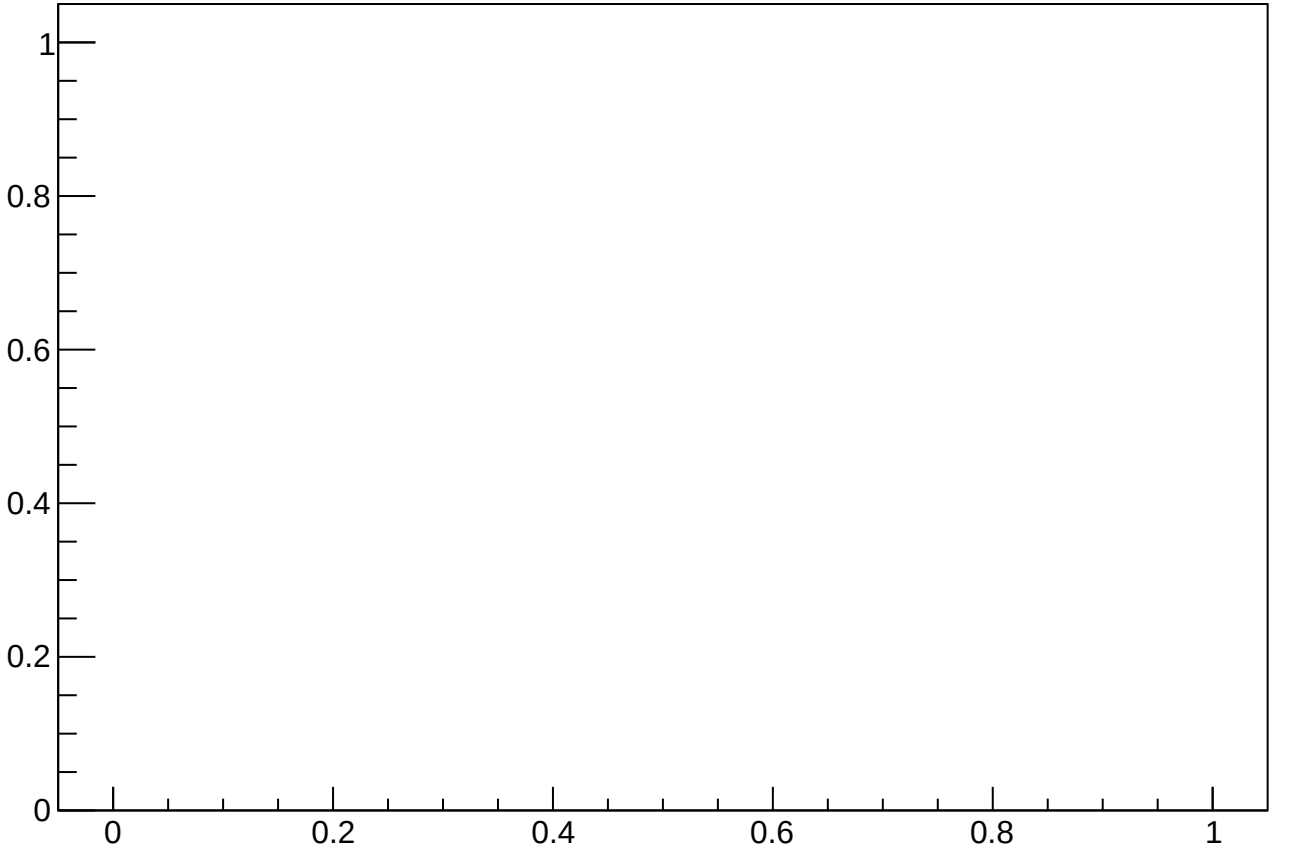
dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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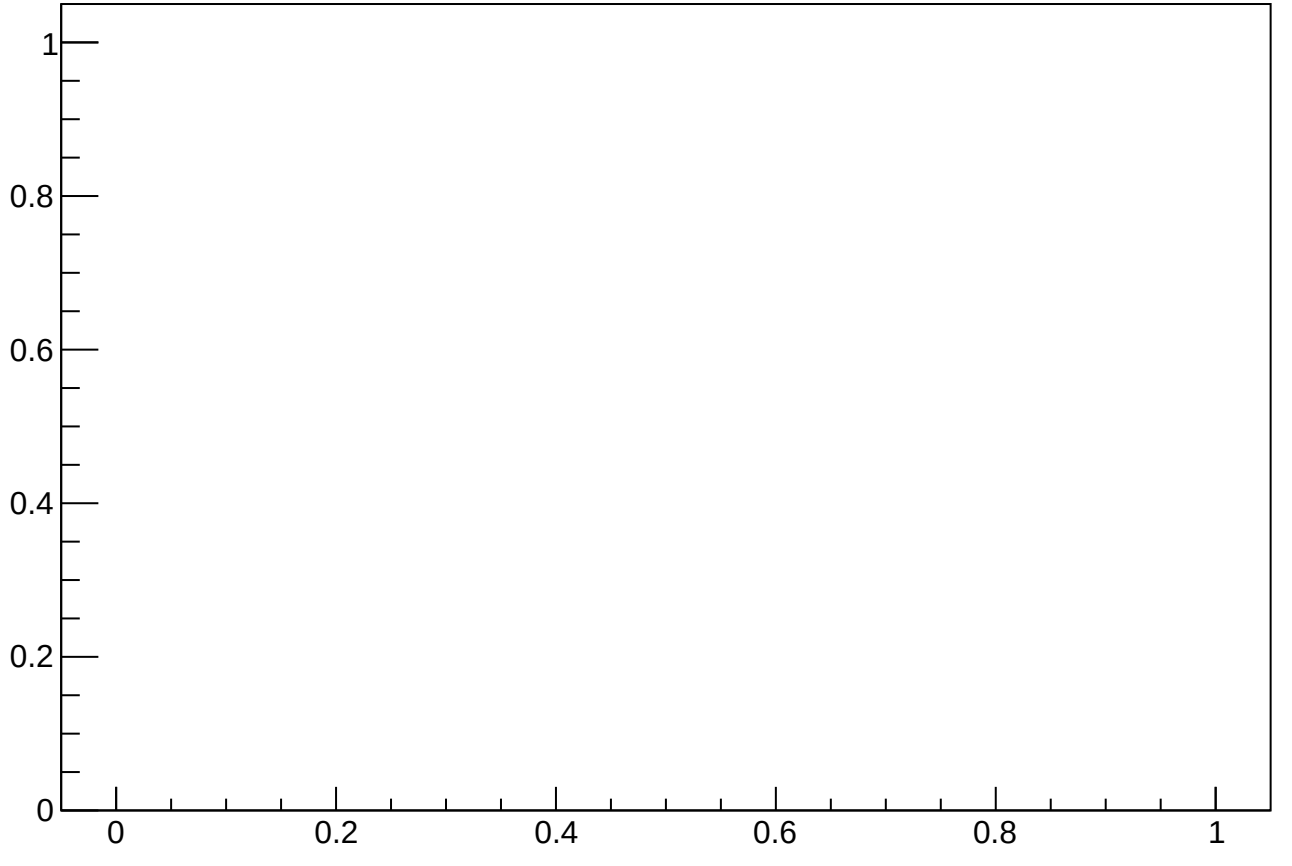
dit_4eX_coil3_mean vs Slug, Sign Corrected



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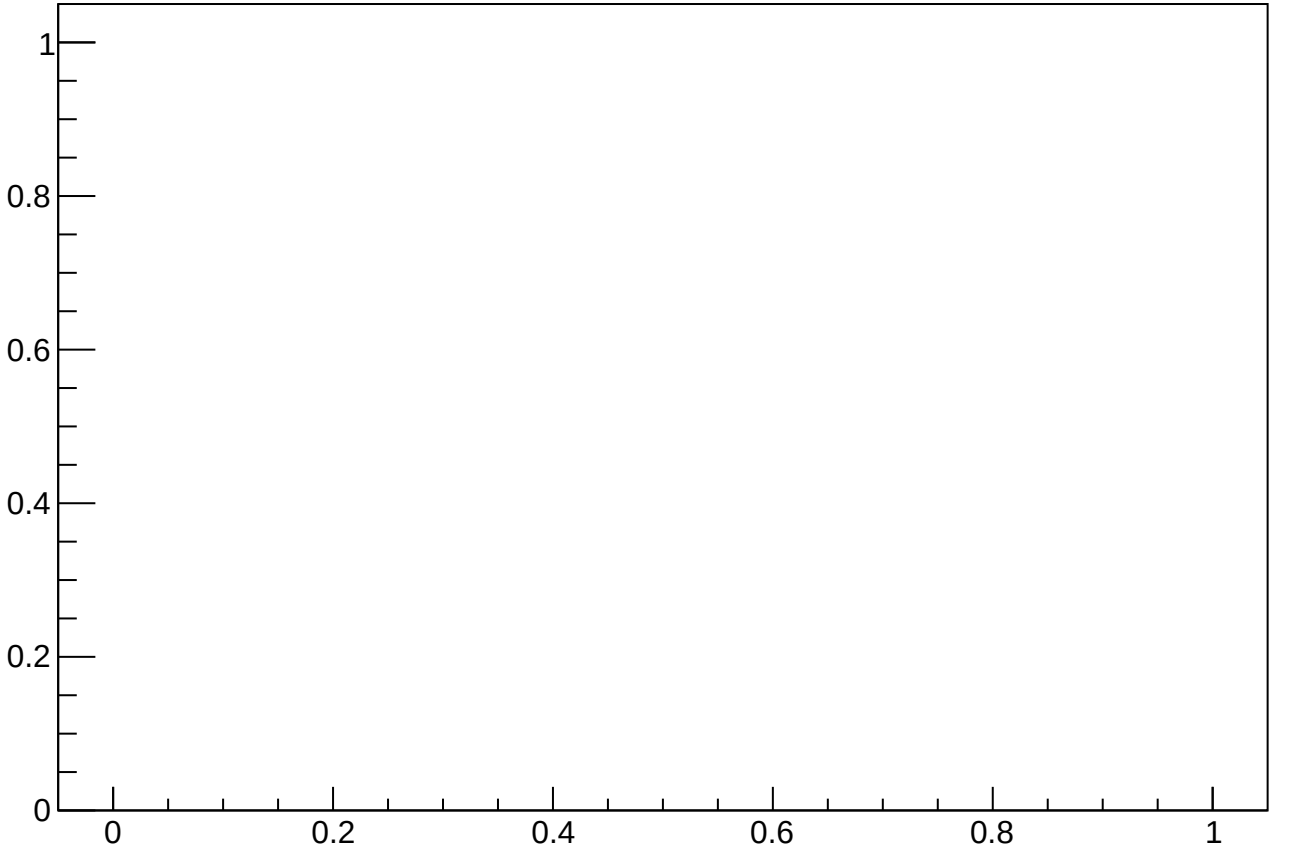

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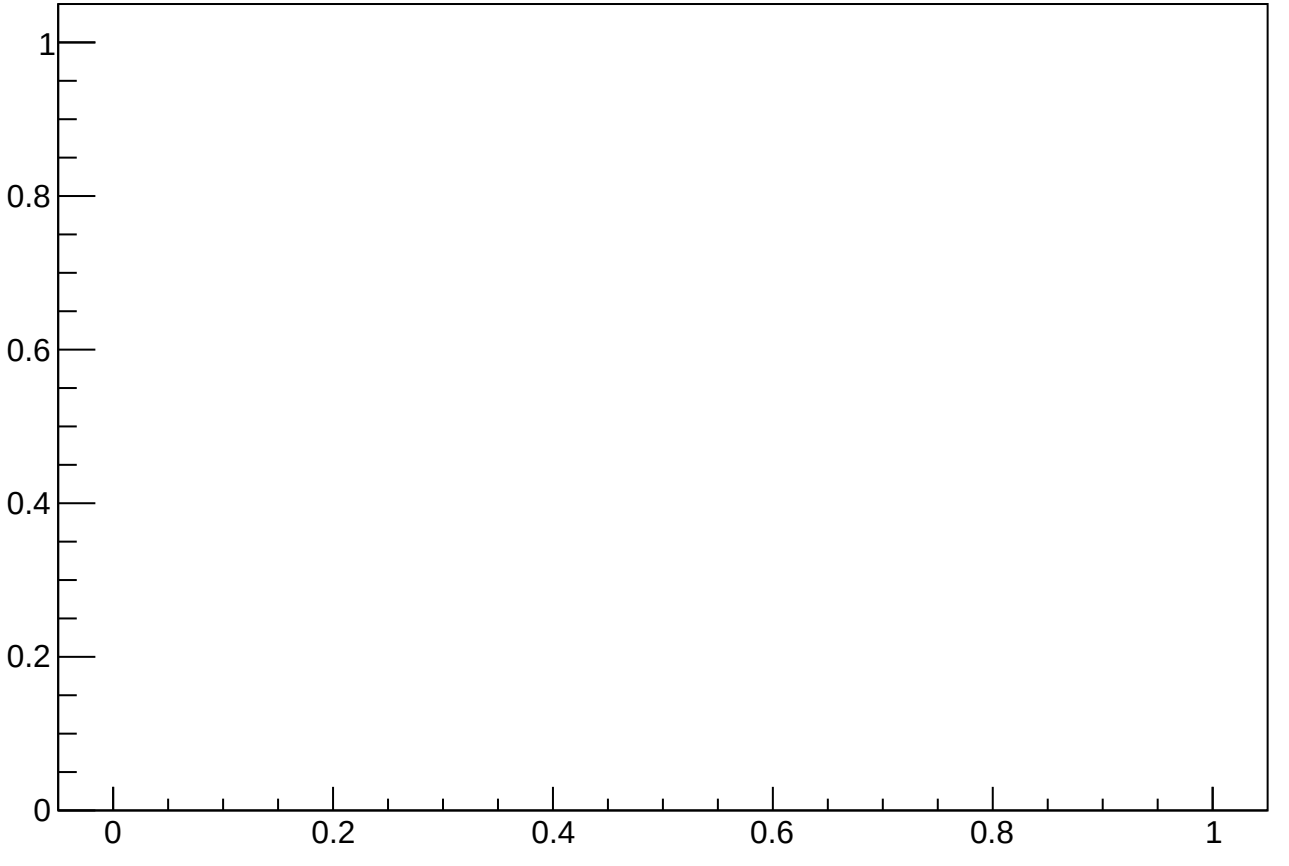

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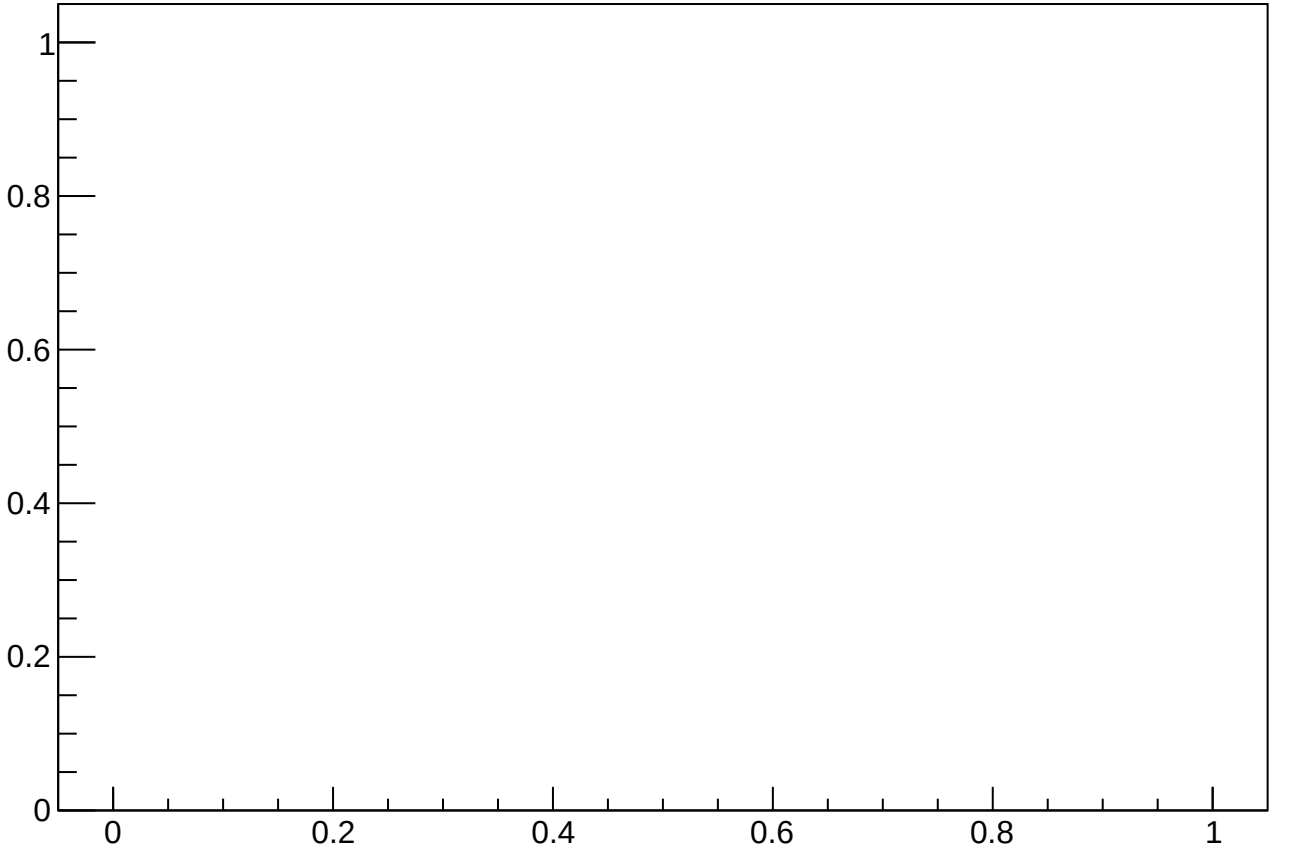

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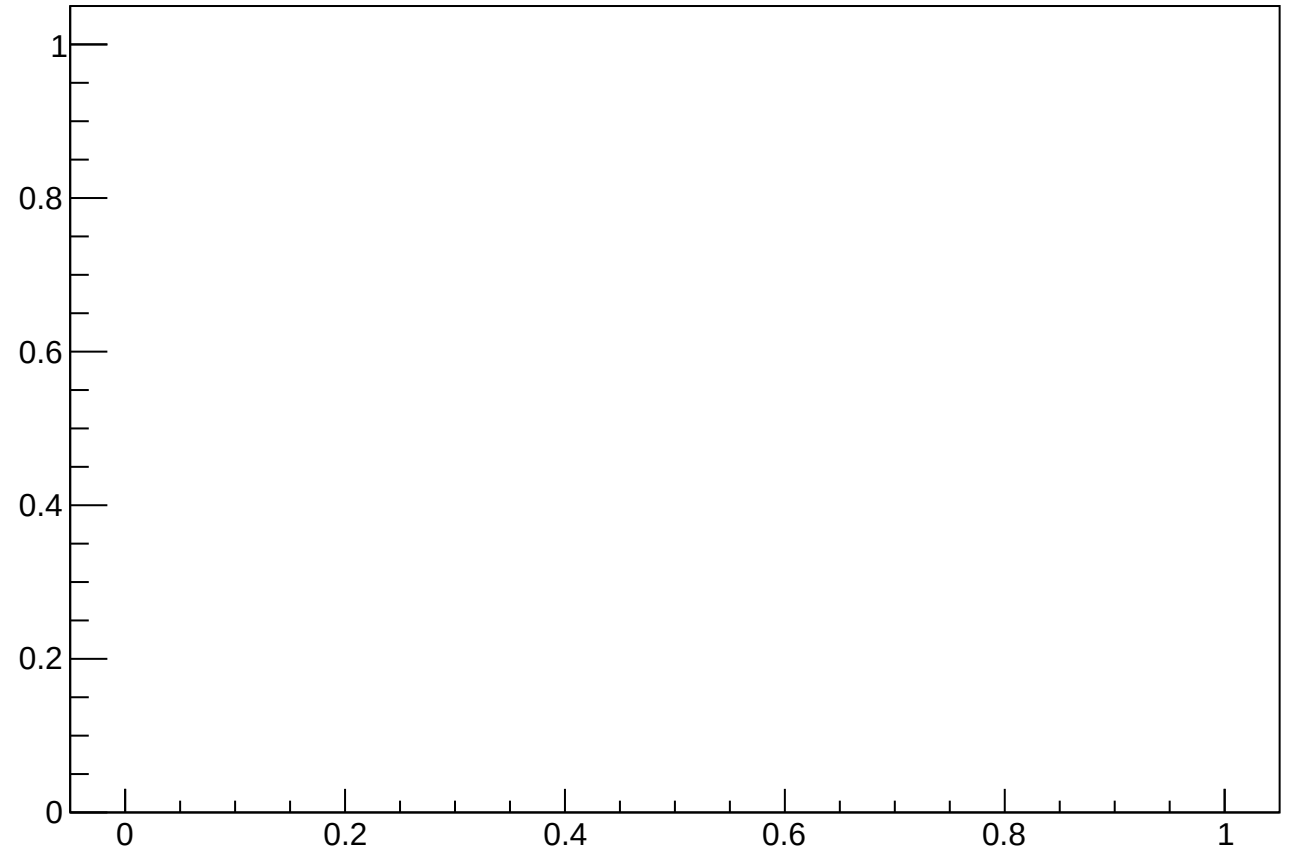

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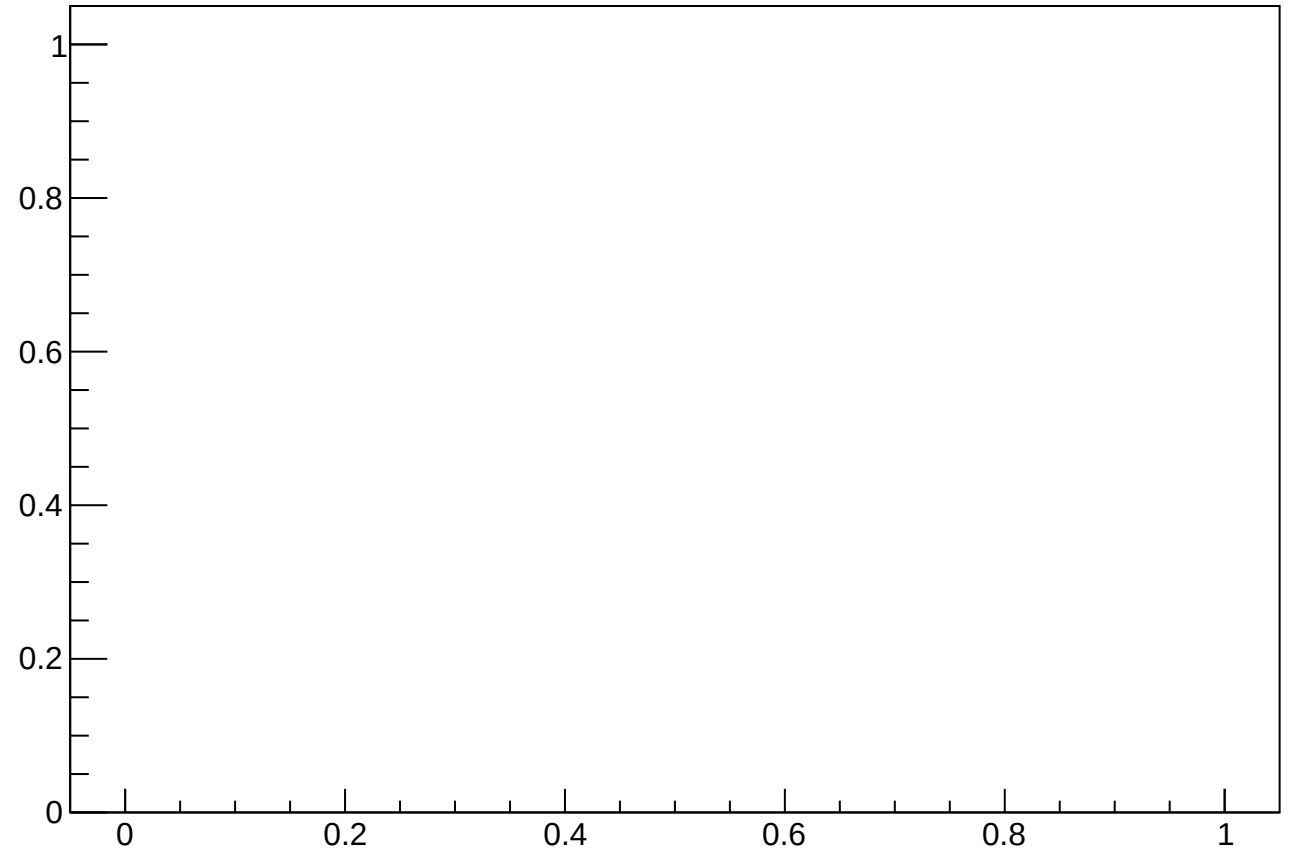

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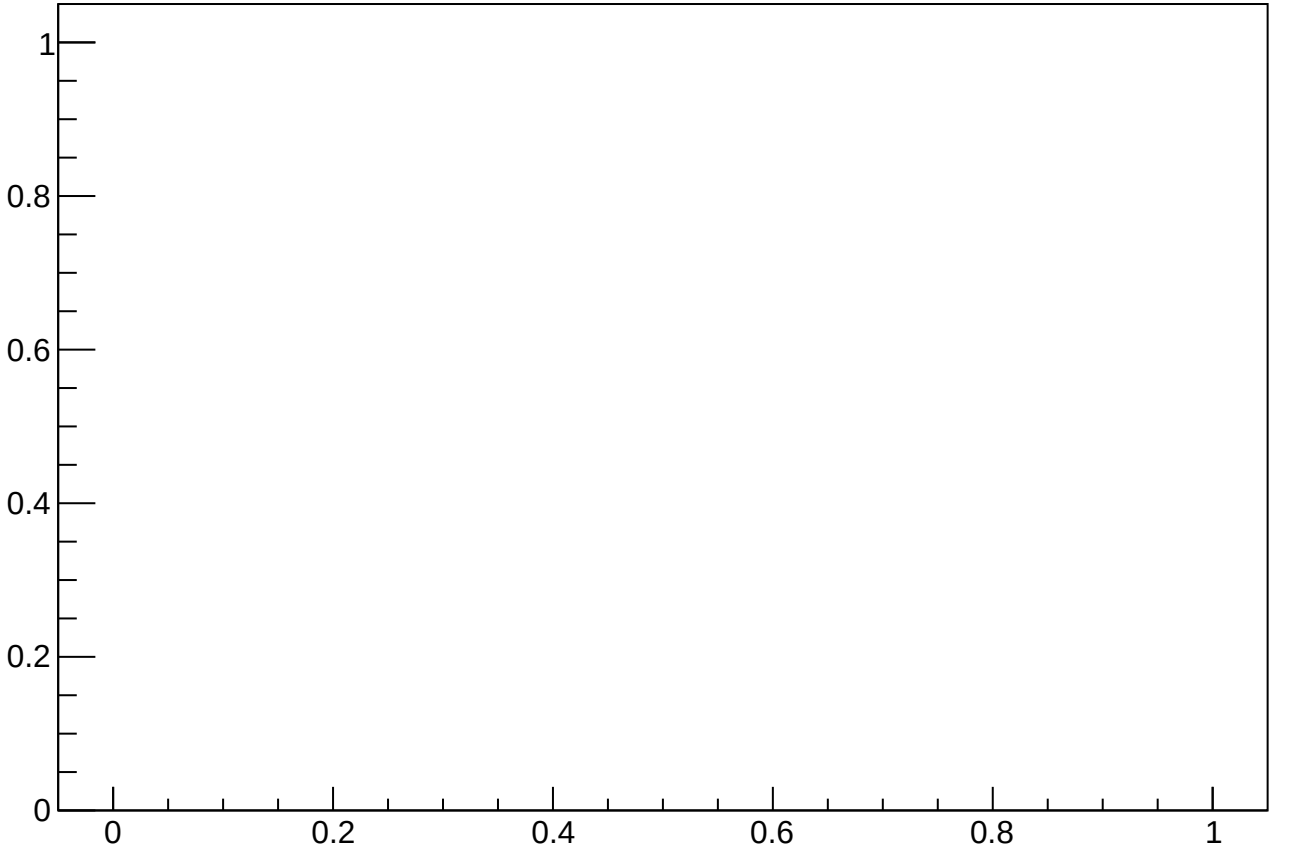
dit_4aY_coil3_mean vs Slug, Sign Corrected



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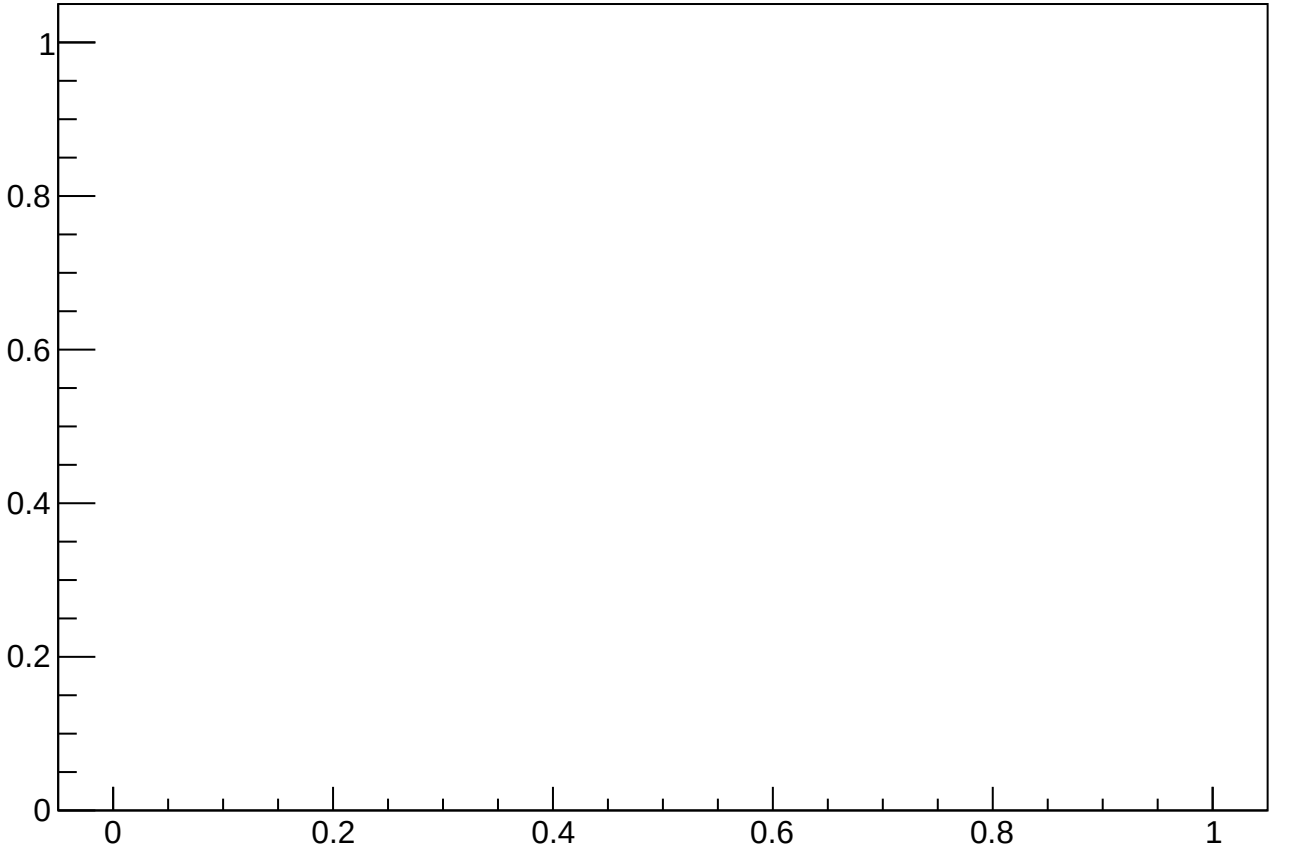
dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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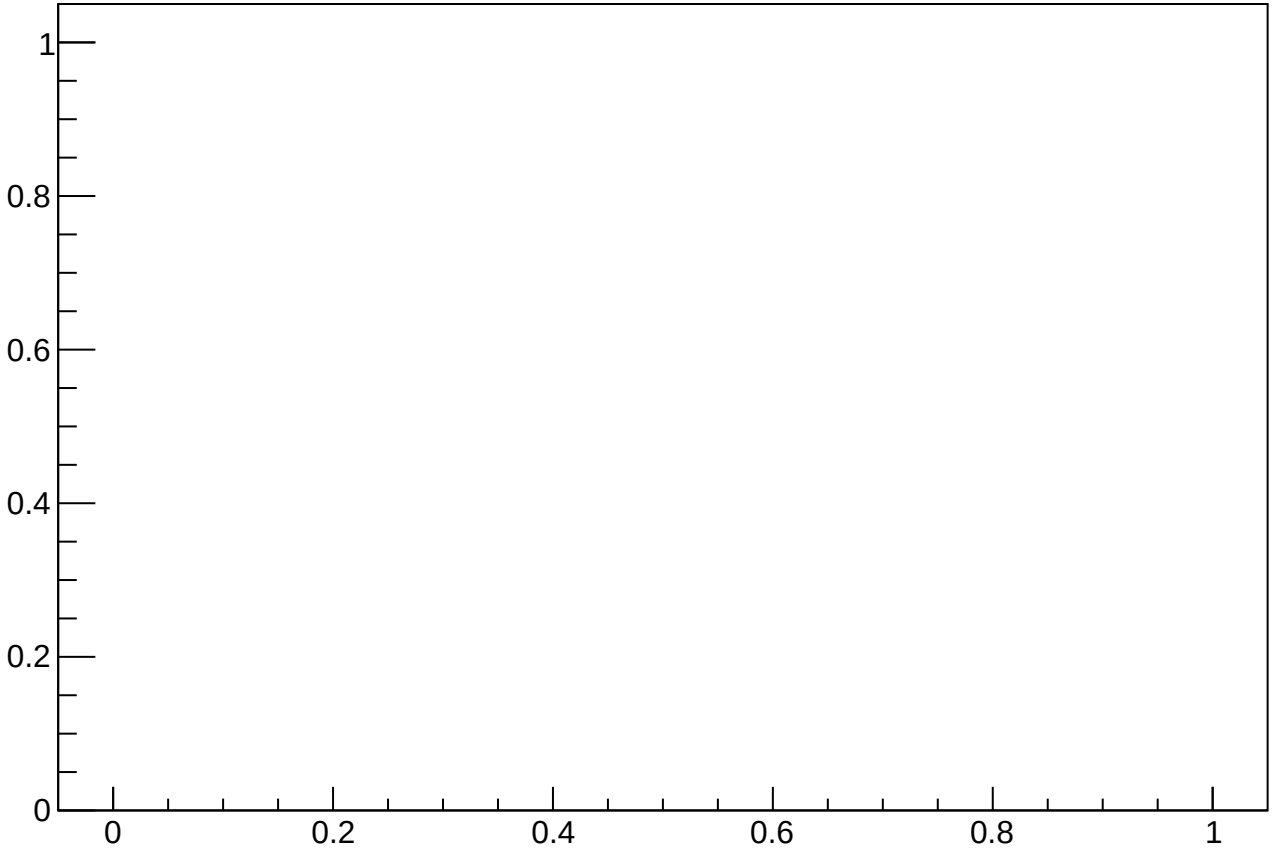
dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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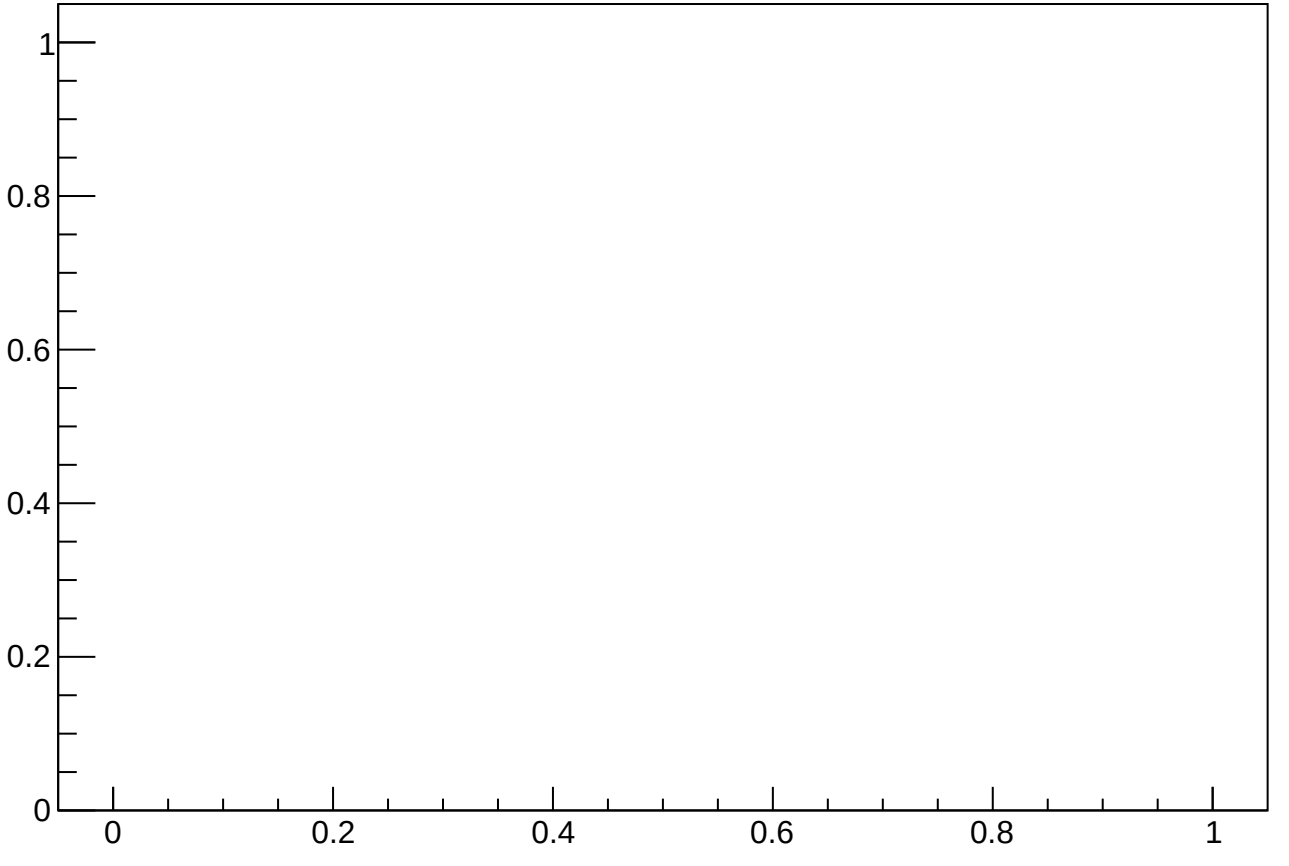
dit_4eY_coil3_mean vs Slug, Sign Corrected



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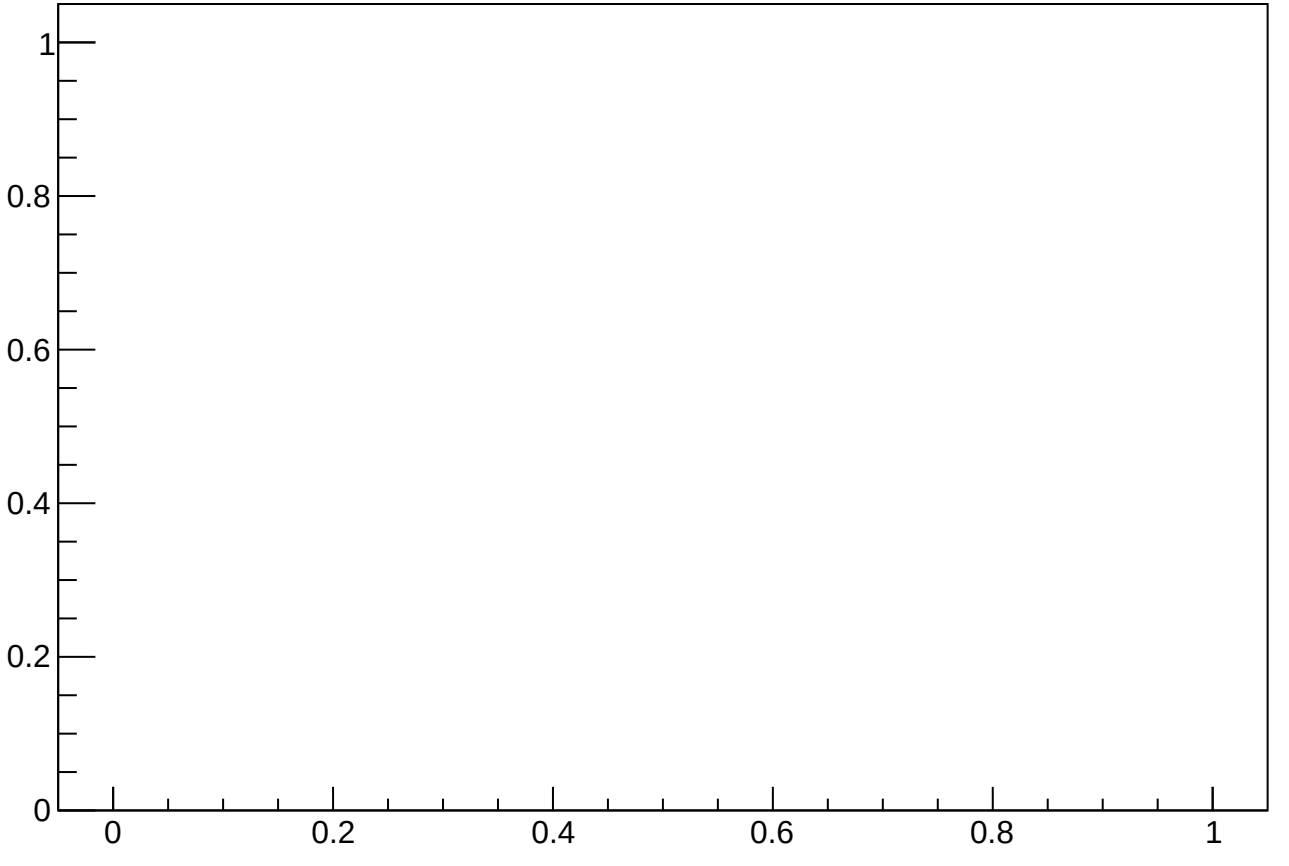
dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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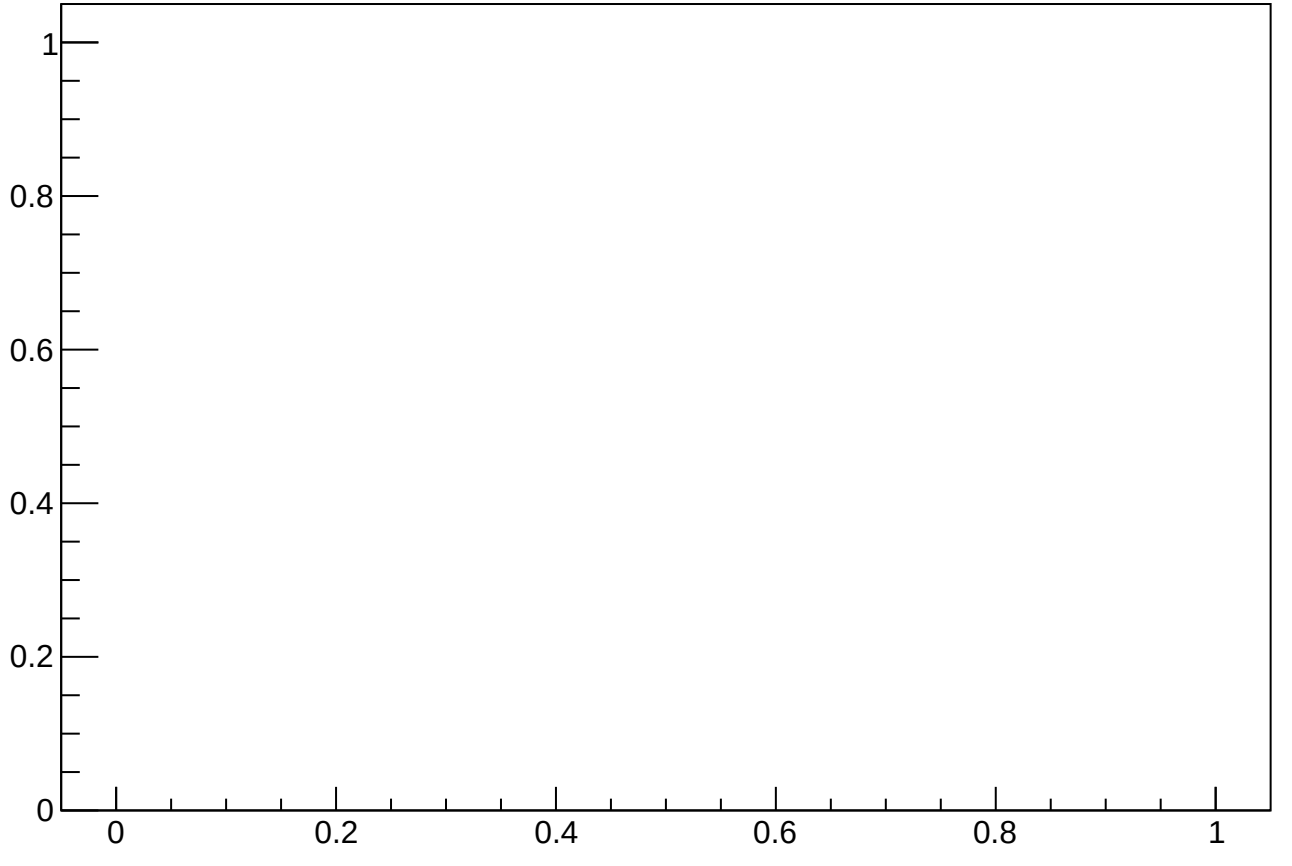
dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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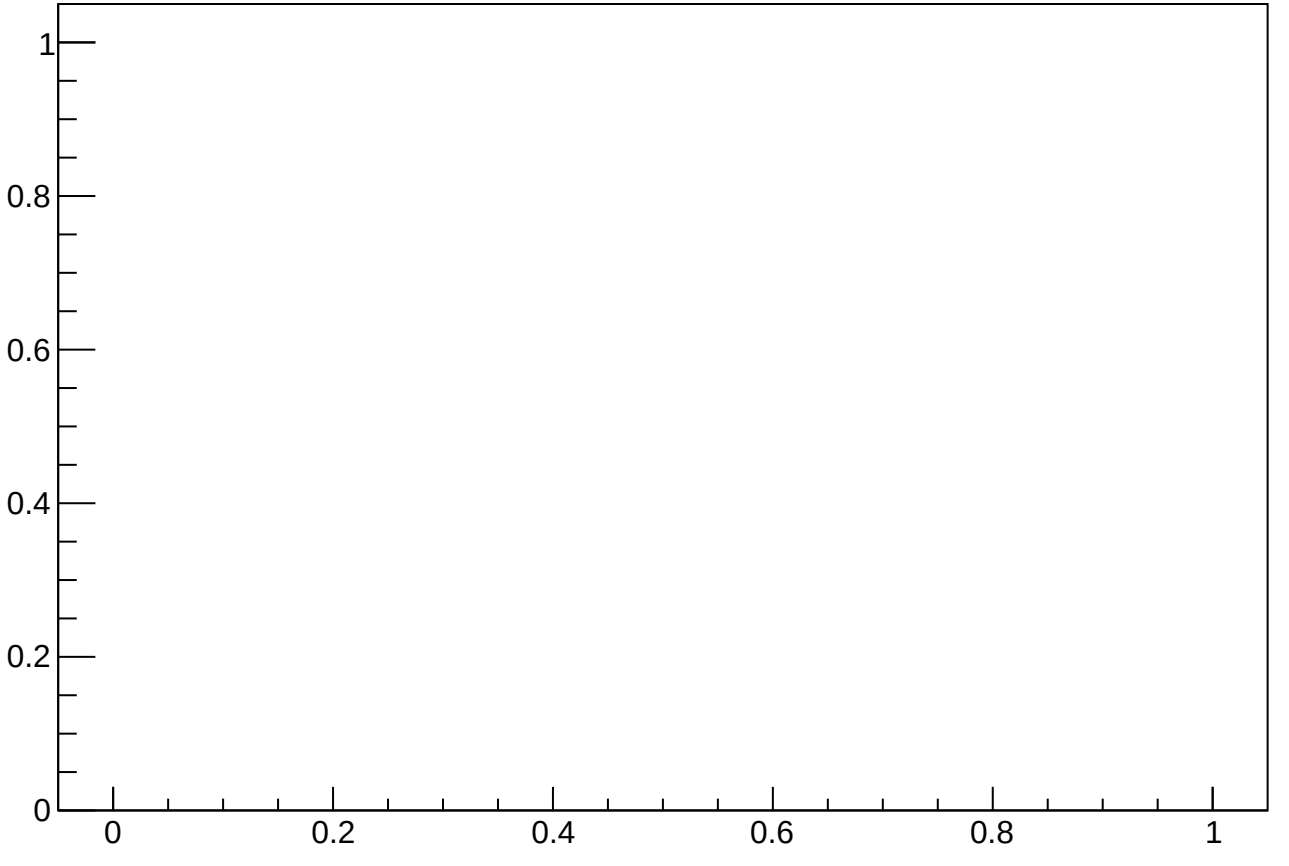

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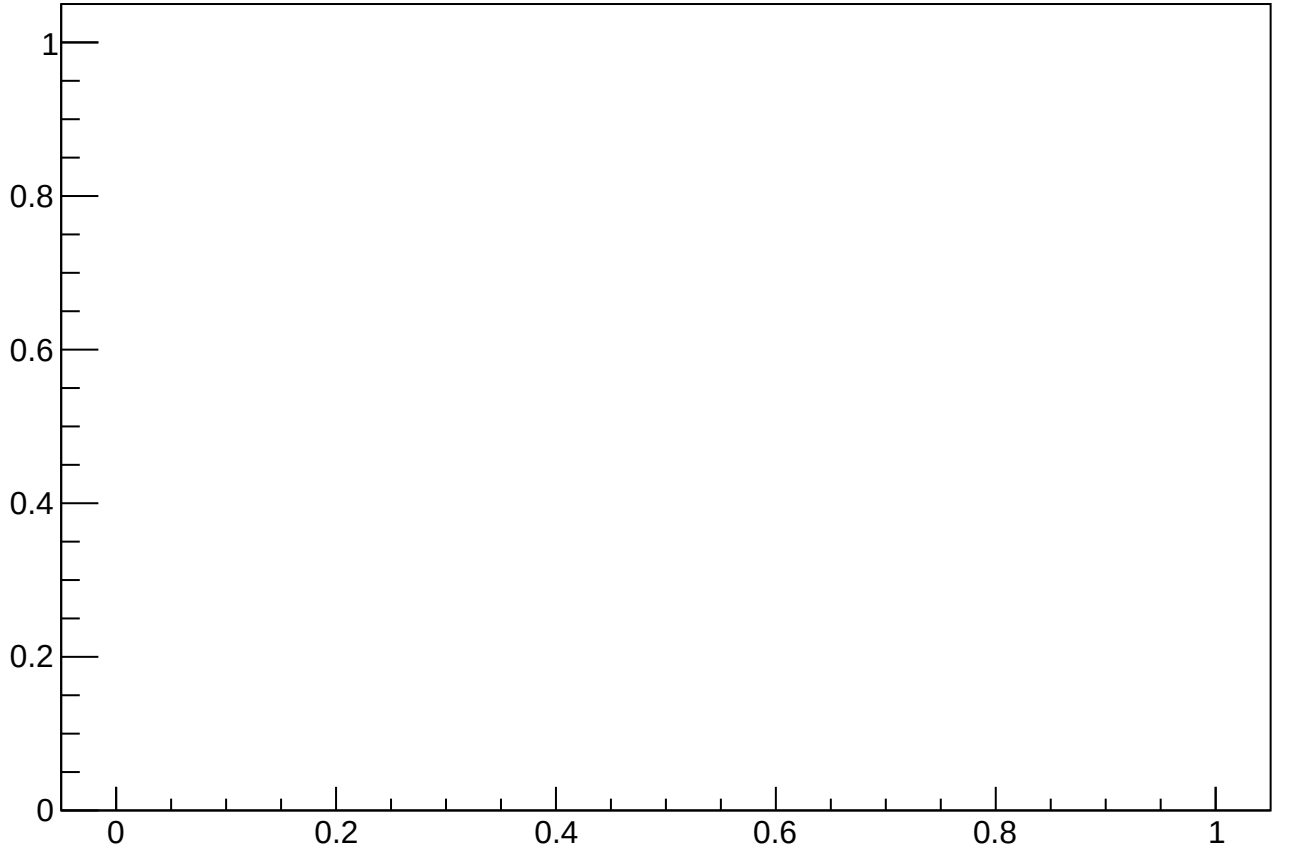
dit_usl_coil3_err_mean vs Slug, Sign Corrected



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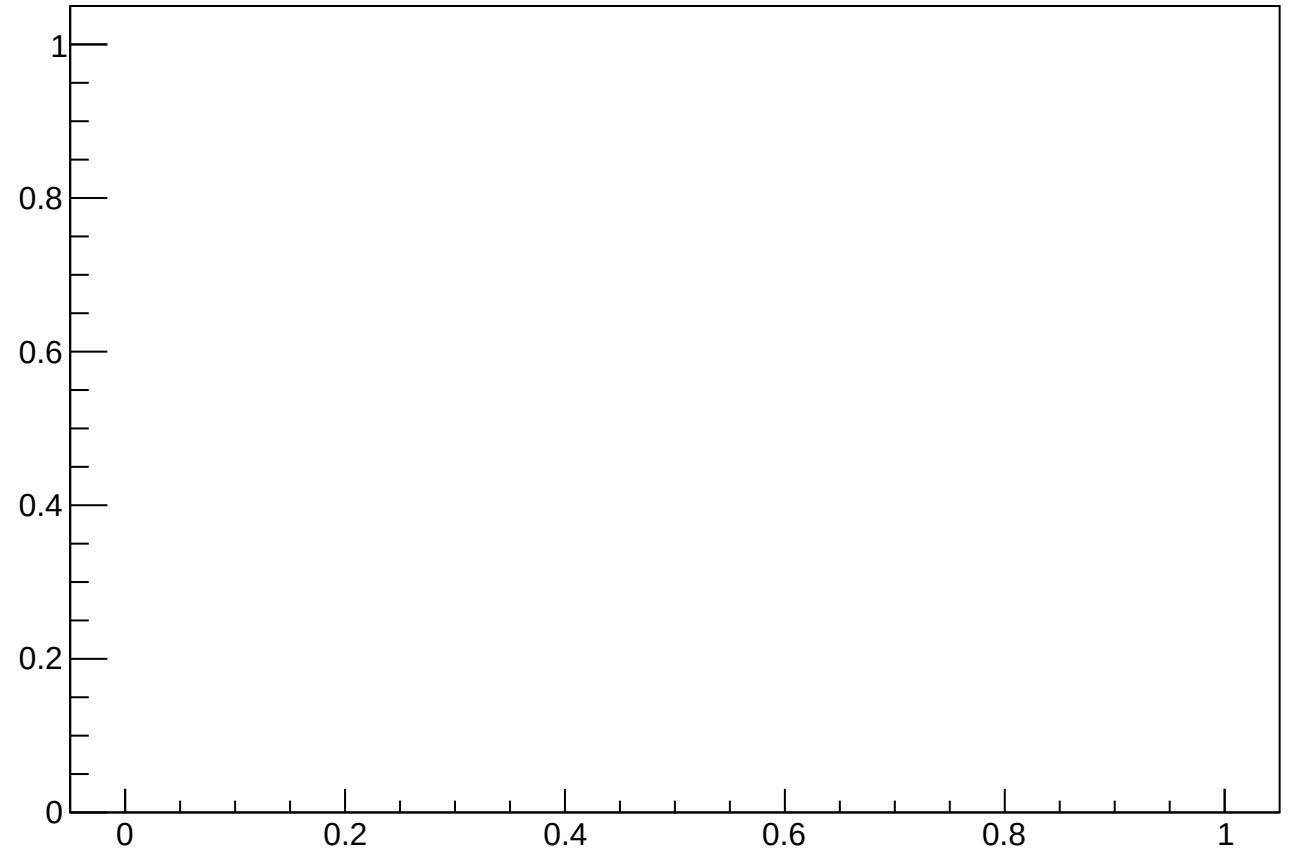

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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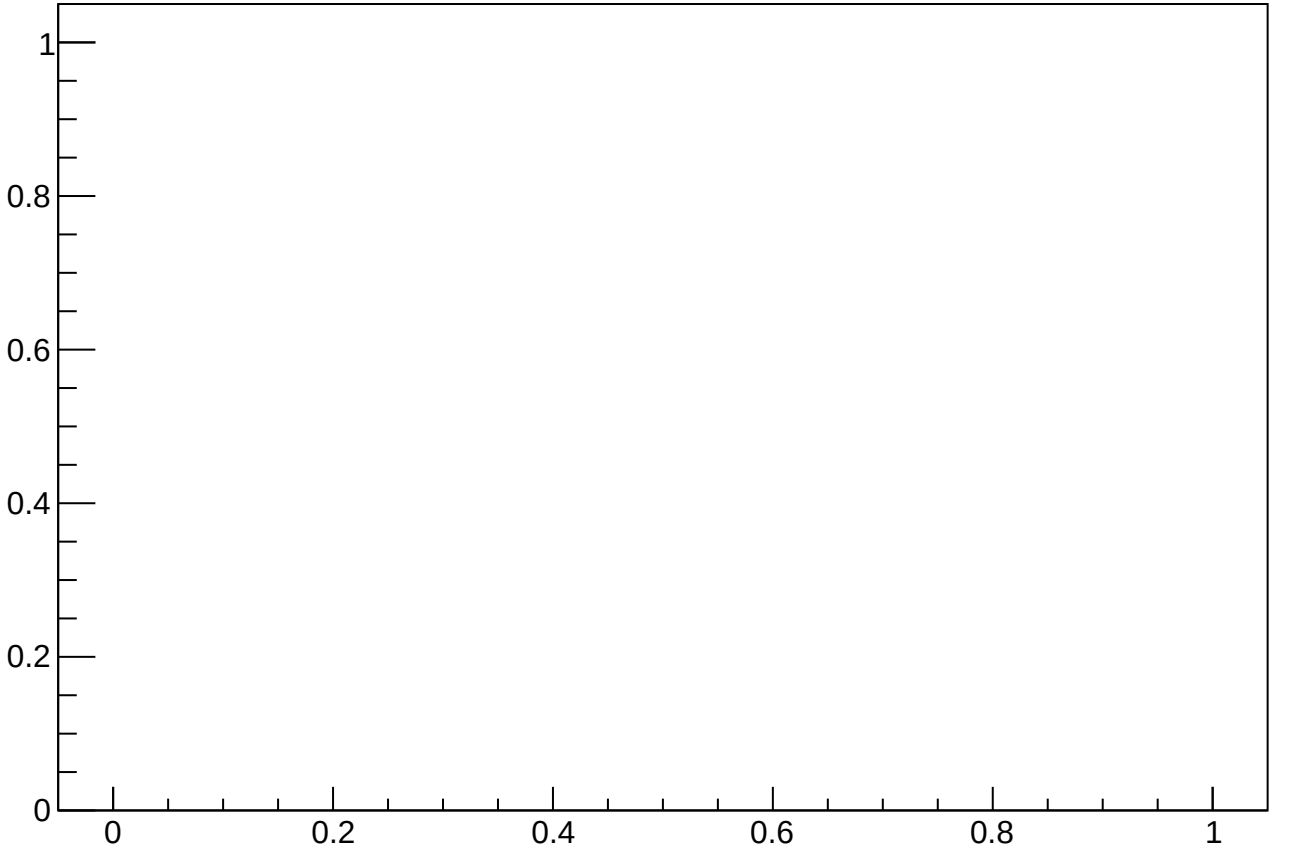
dit_usr_coil3_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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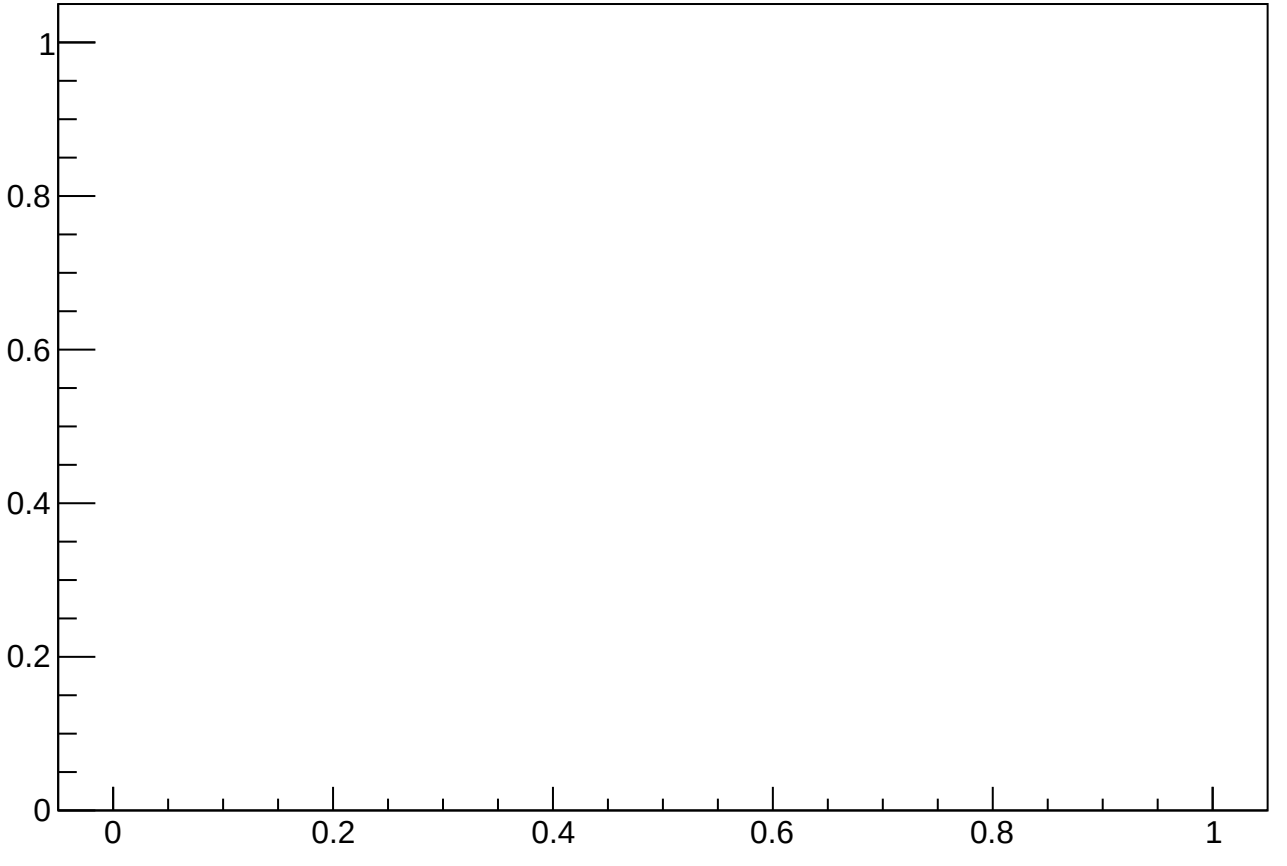
dit_usr_coil3_err_mean vs Slug, Sign Corrected



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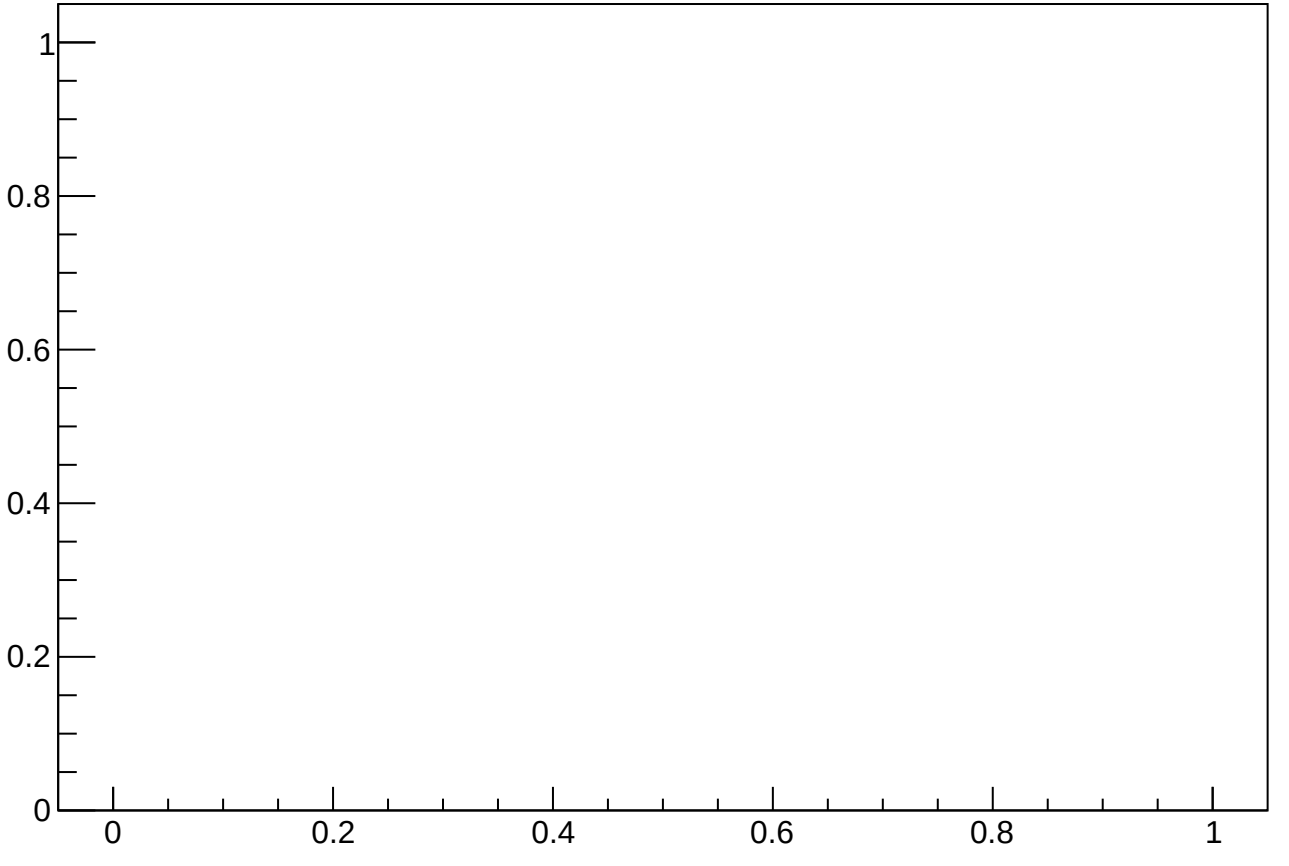
dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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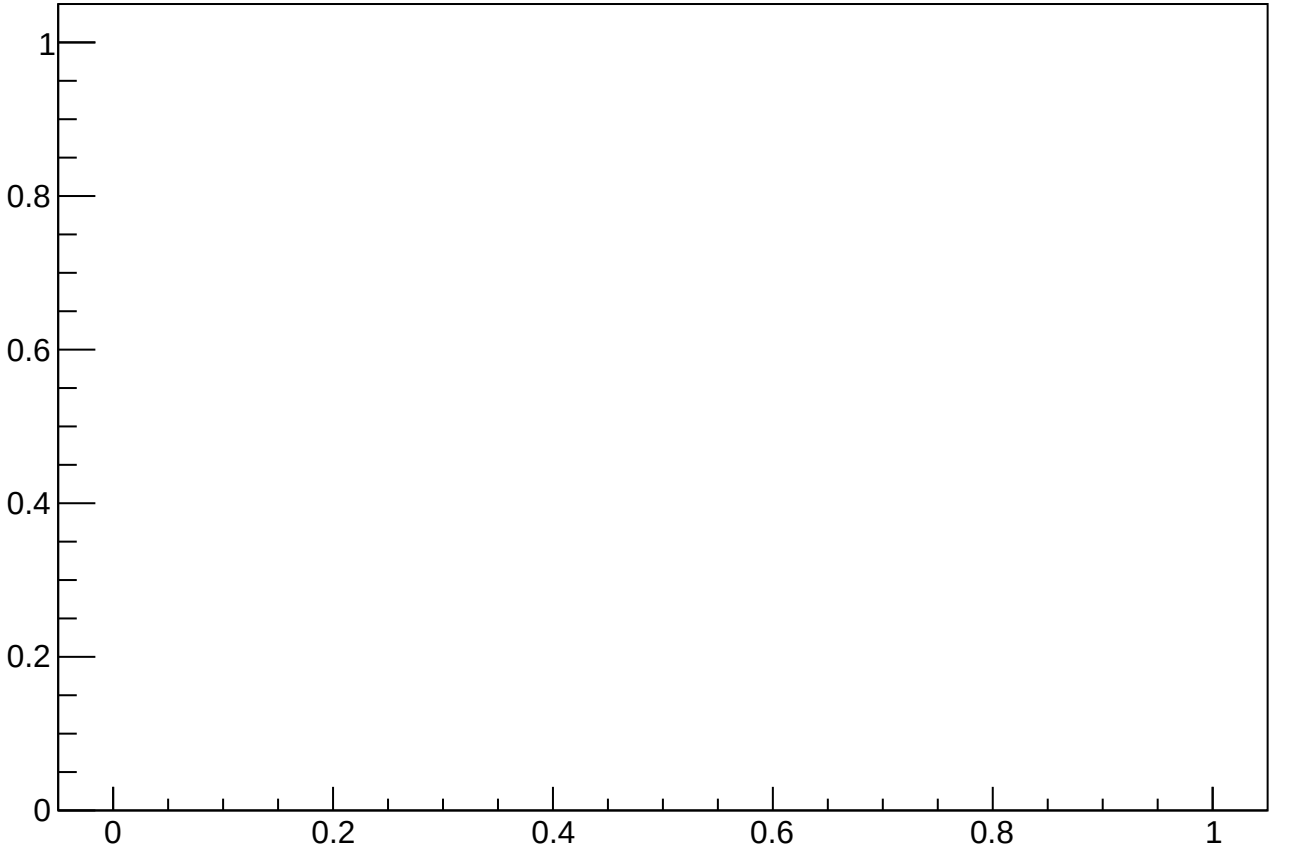
dit_atl1_coil3_mean vs Slug, Sign Corrected



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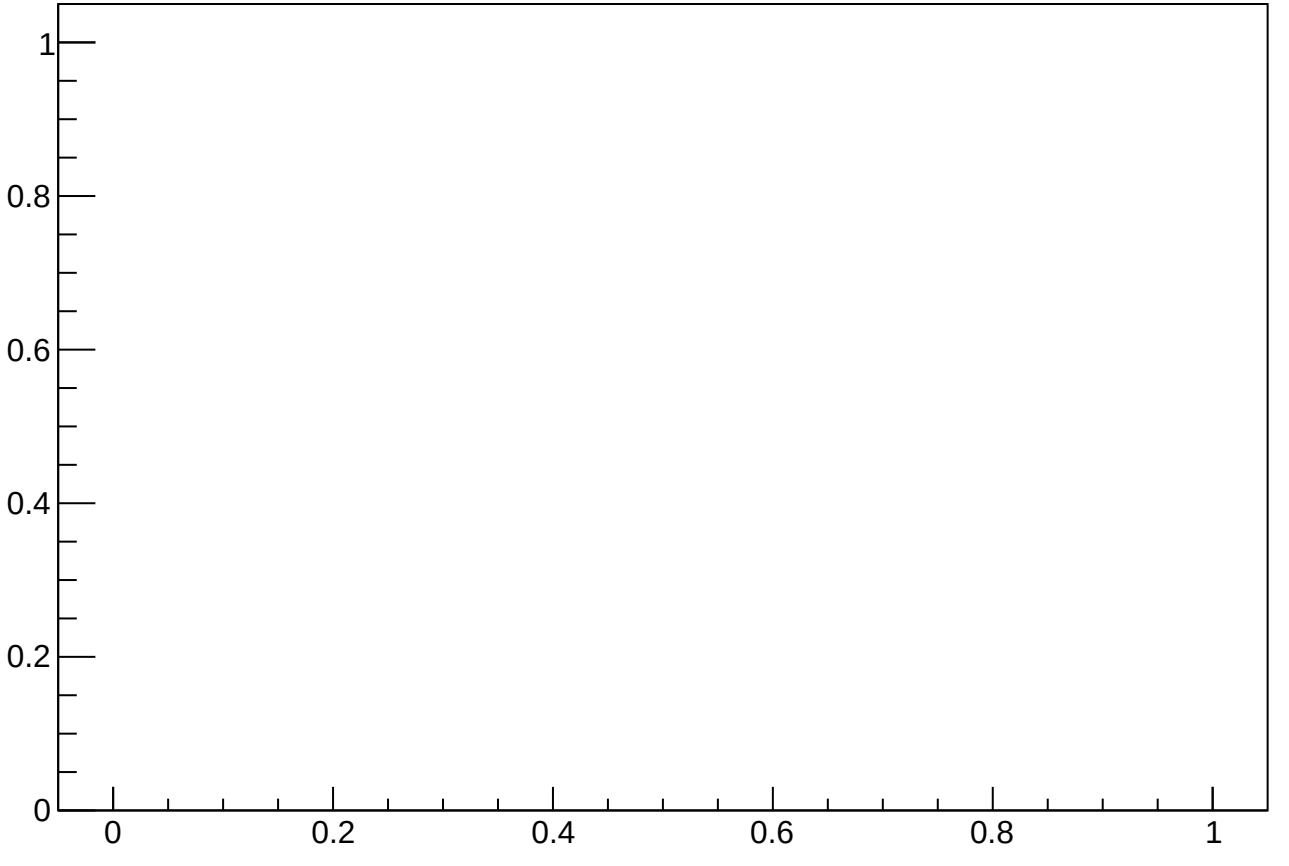
dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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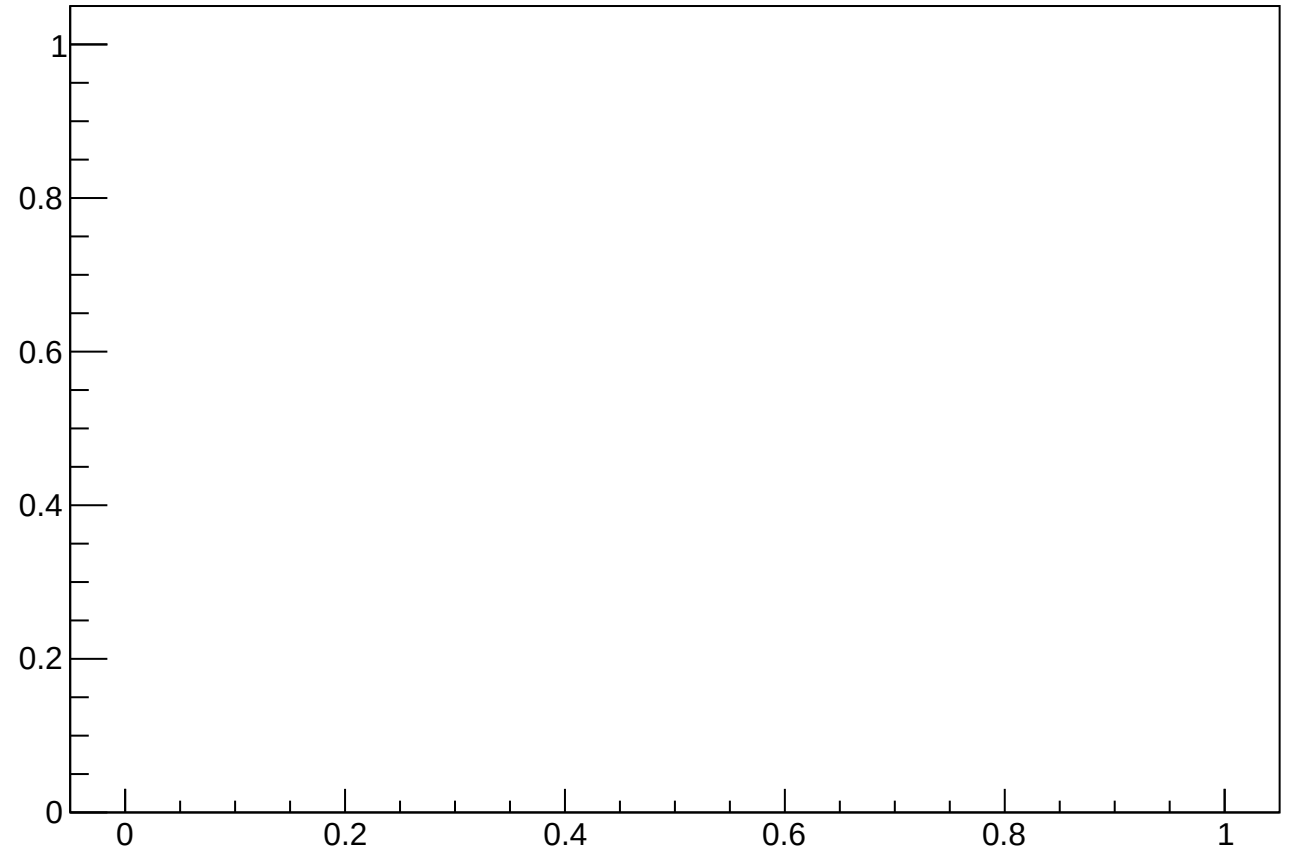

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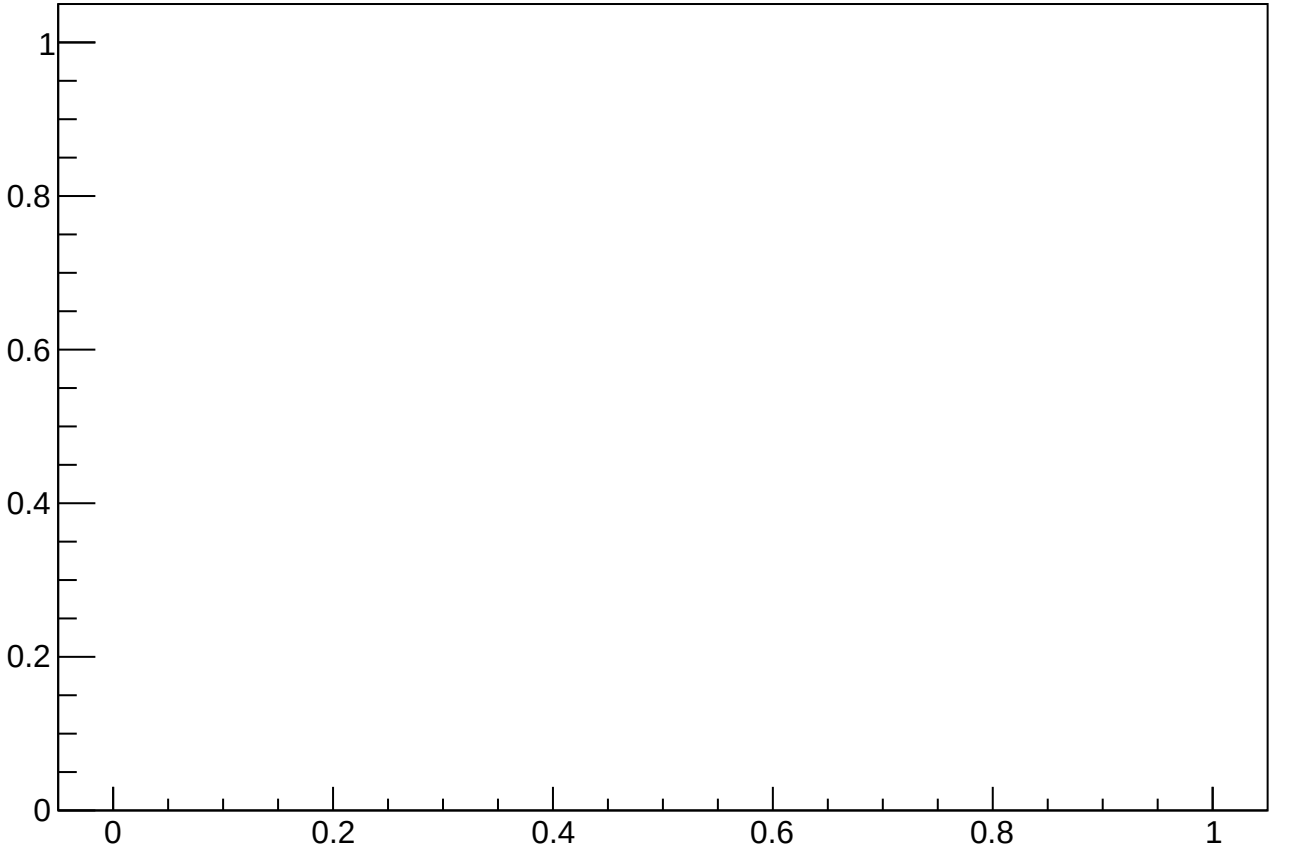
dit_atl2_coil3_mean vs Slug, Sign Corrected



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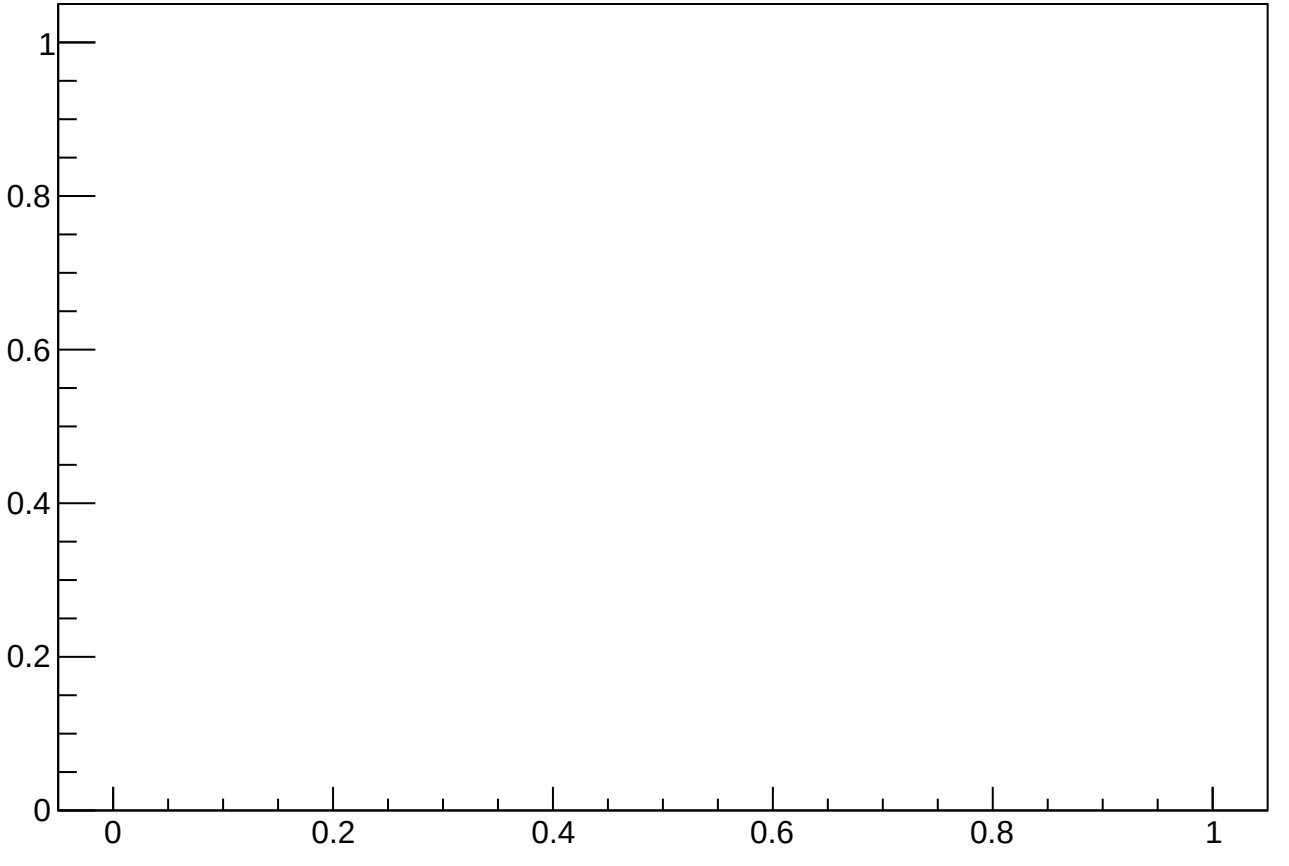
dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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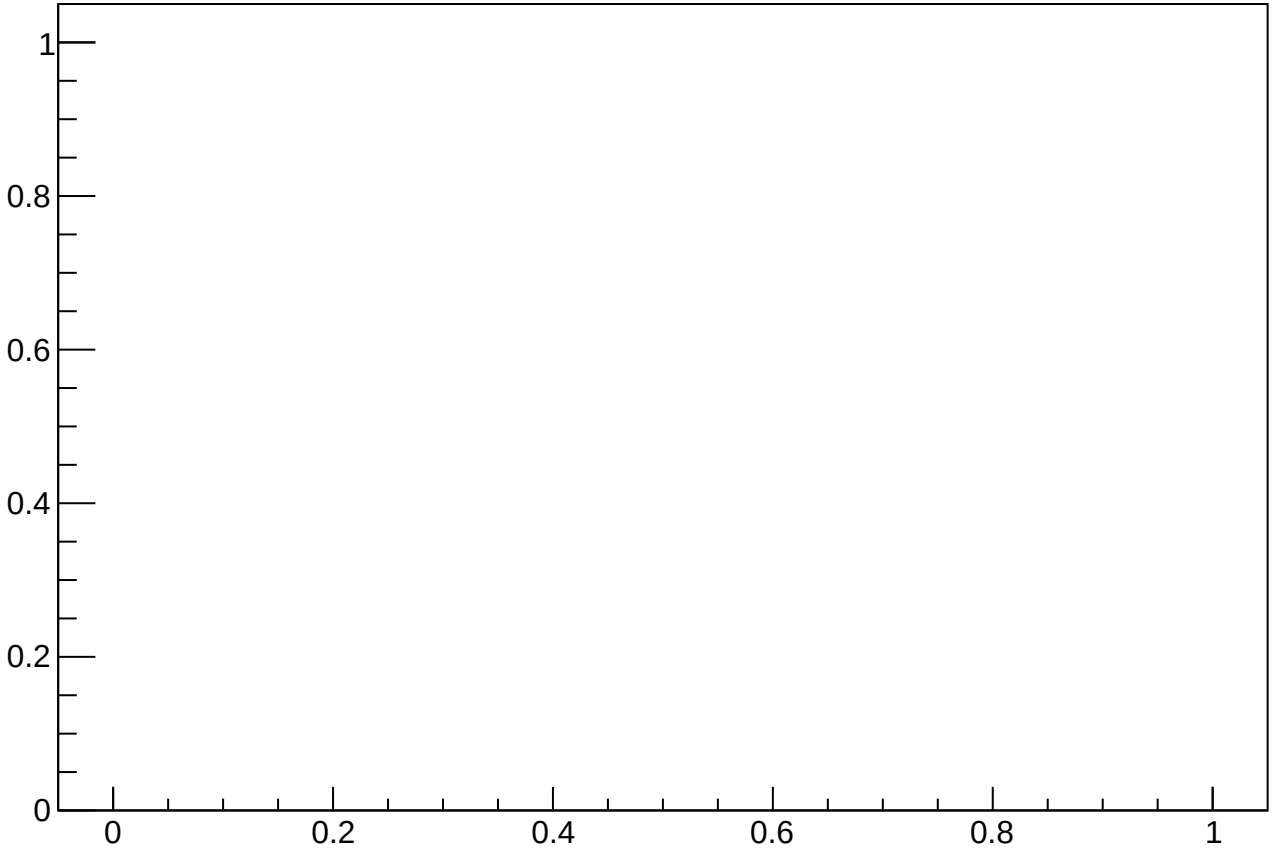
dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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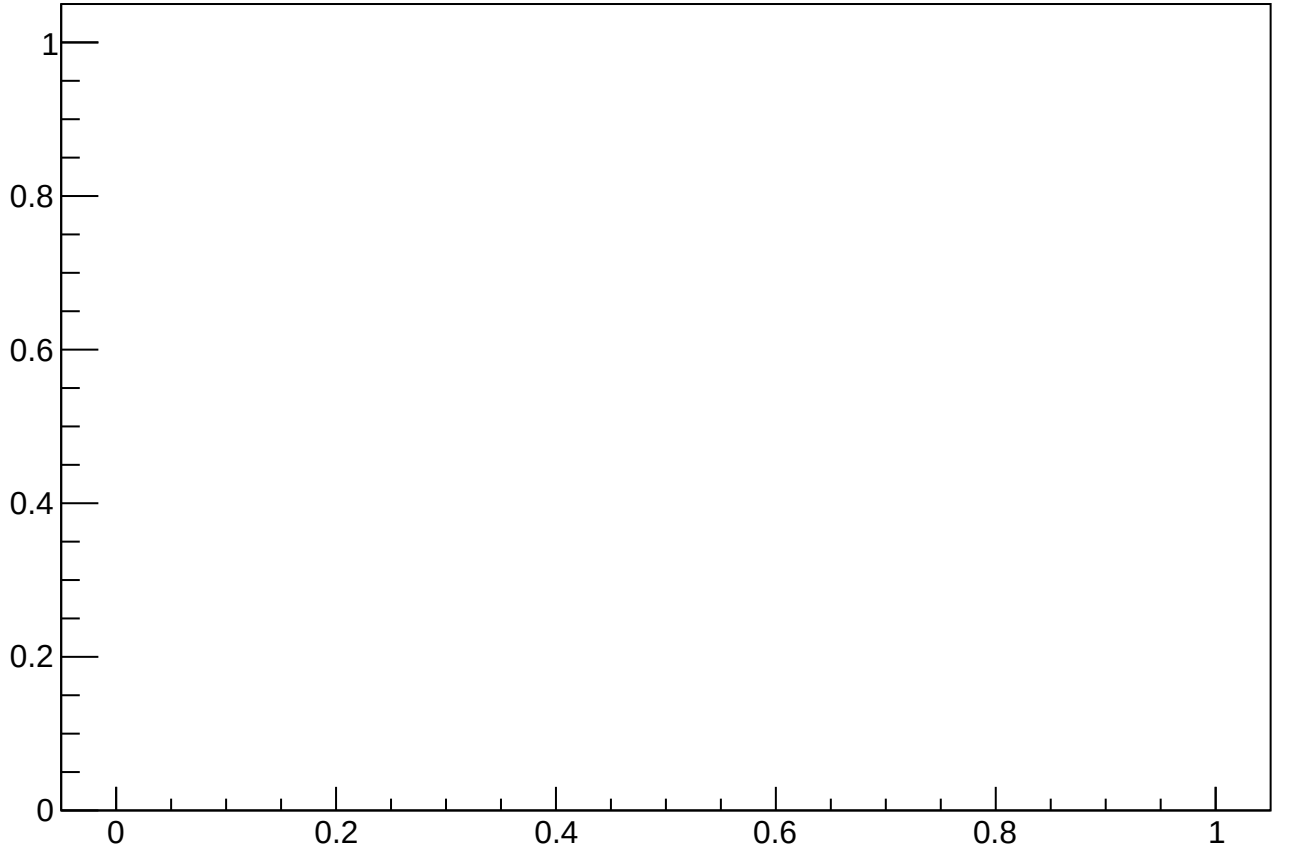
dit_atr1_coil3_mean vs Slug, Sign Corrected



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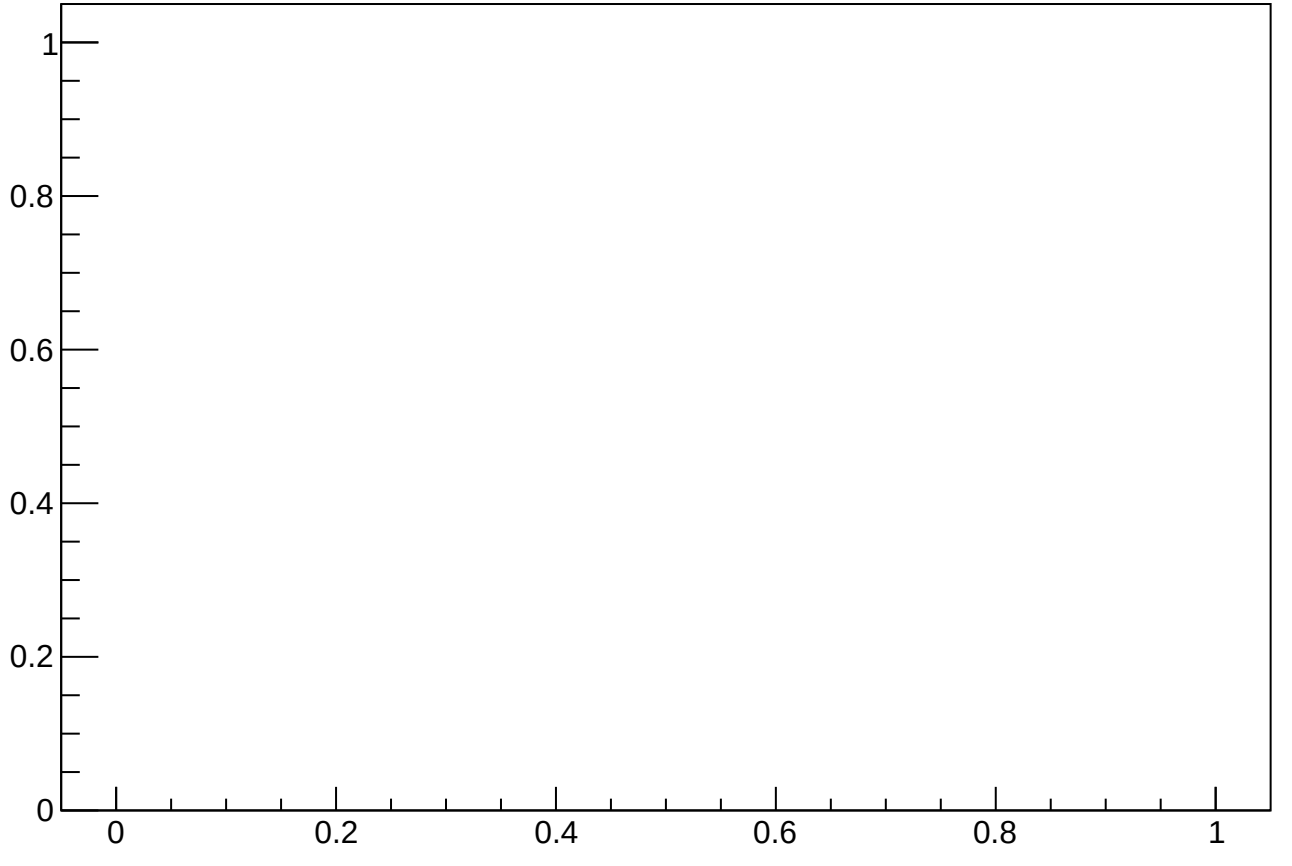
dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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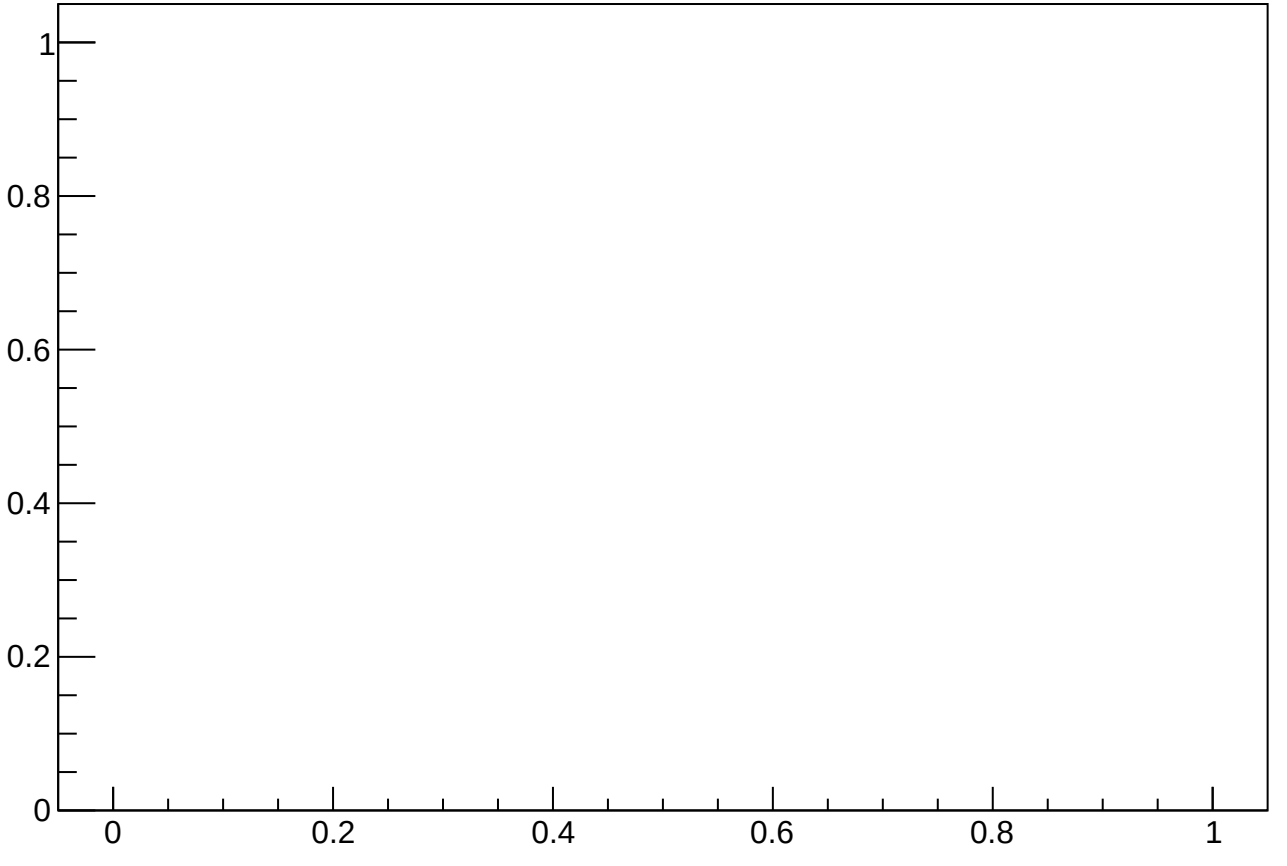
dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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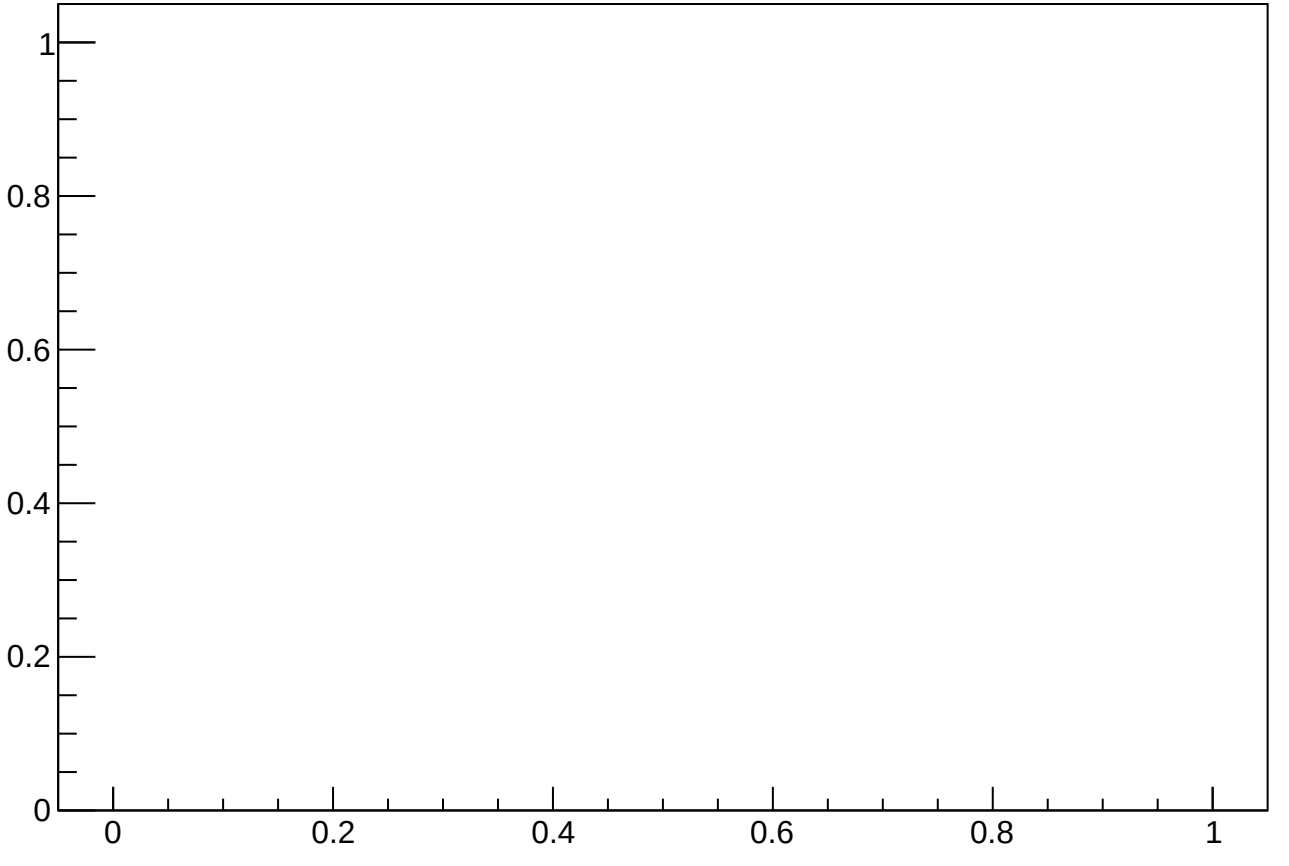
dit_atr2_coil3_mean vs Slug, Sign Corrected



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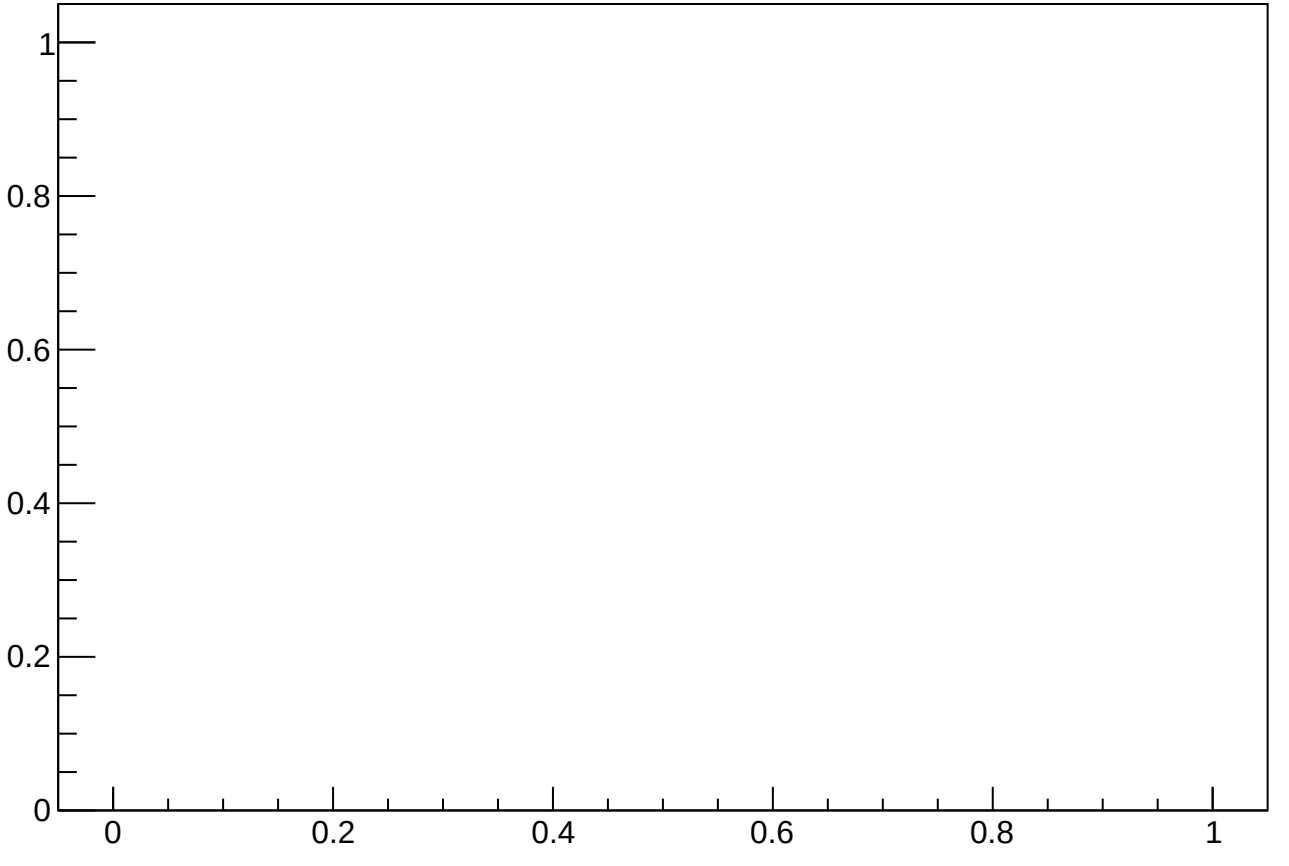
dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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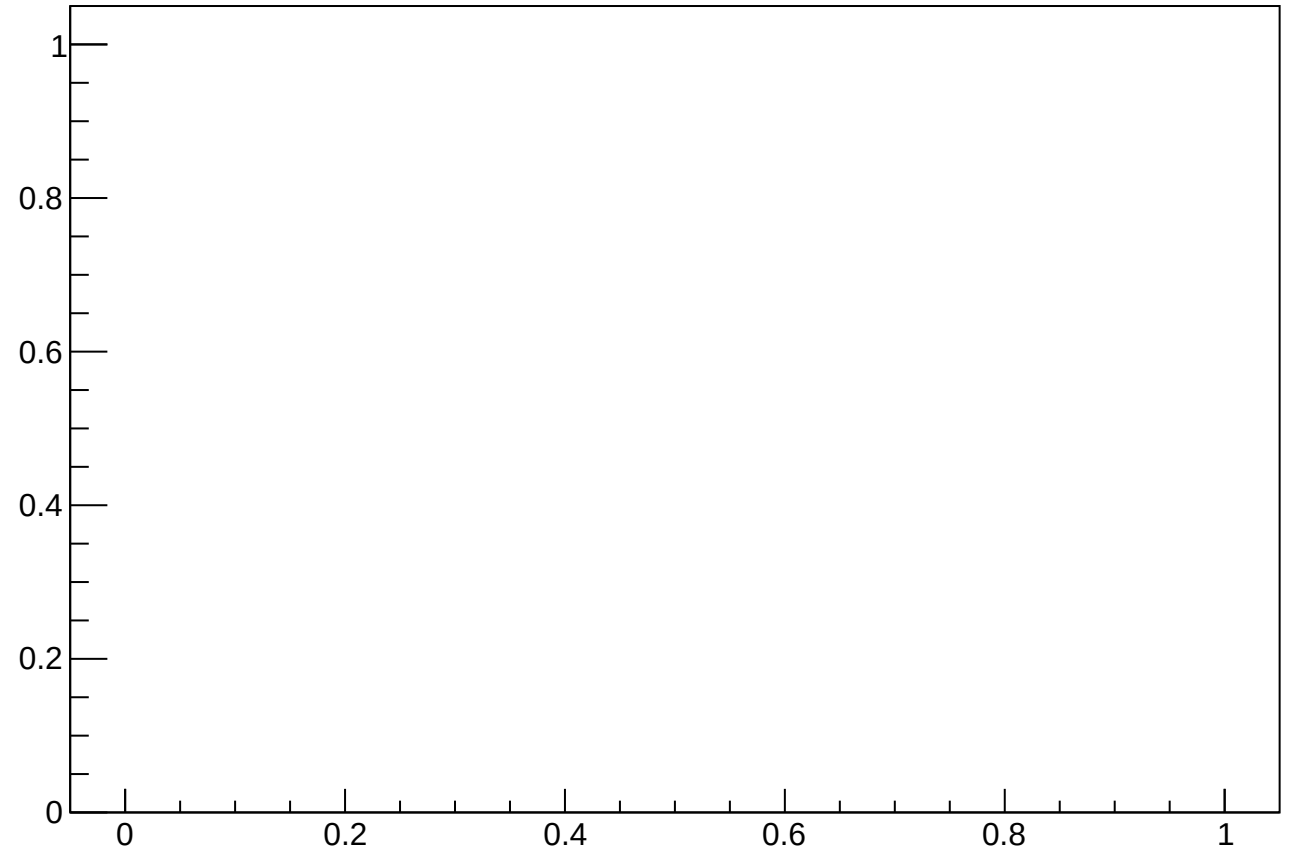

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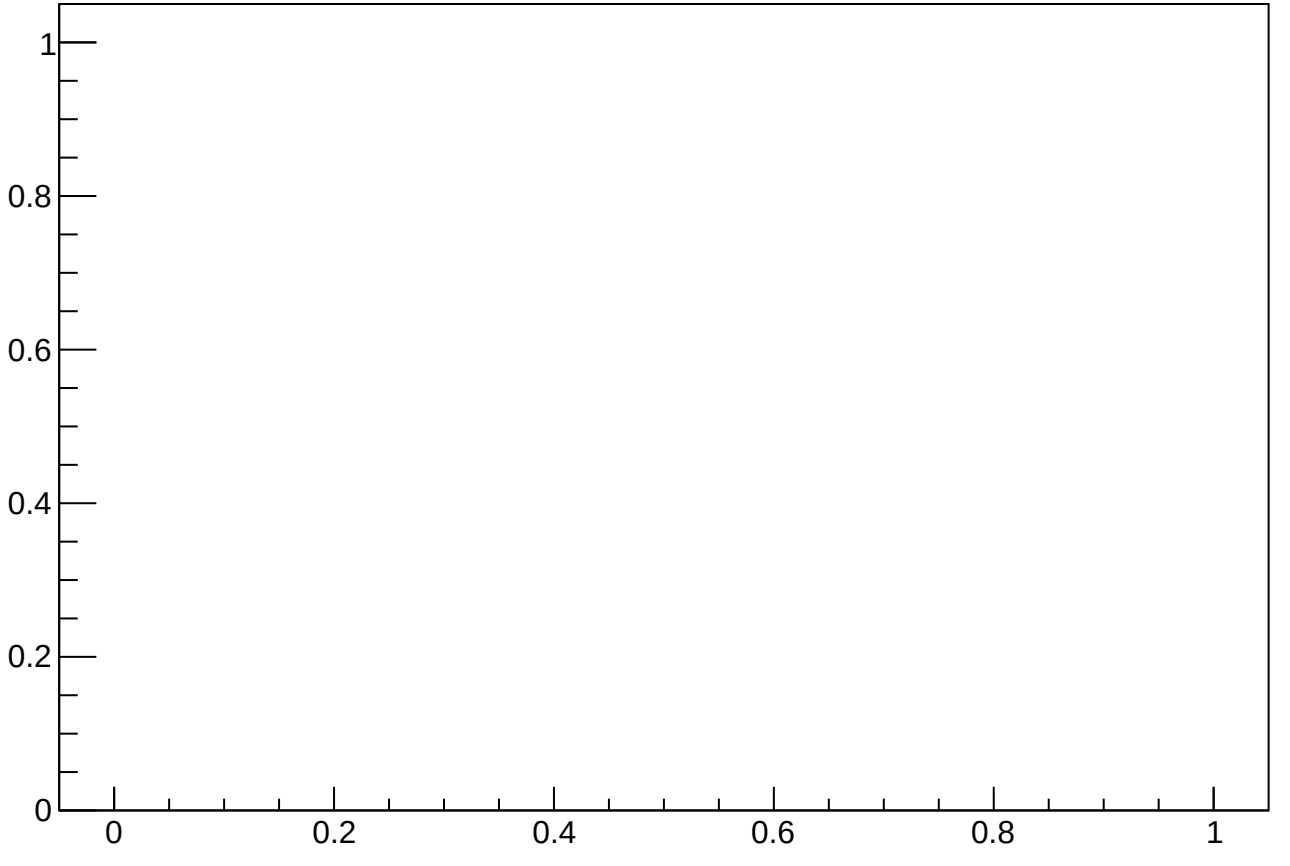
dit_sam1_coil3_mean vs Slug, Sign Corrected



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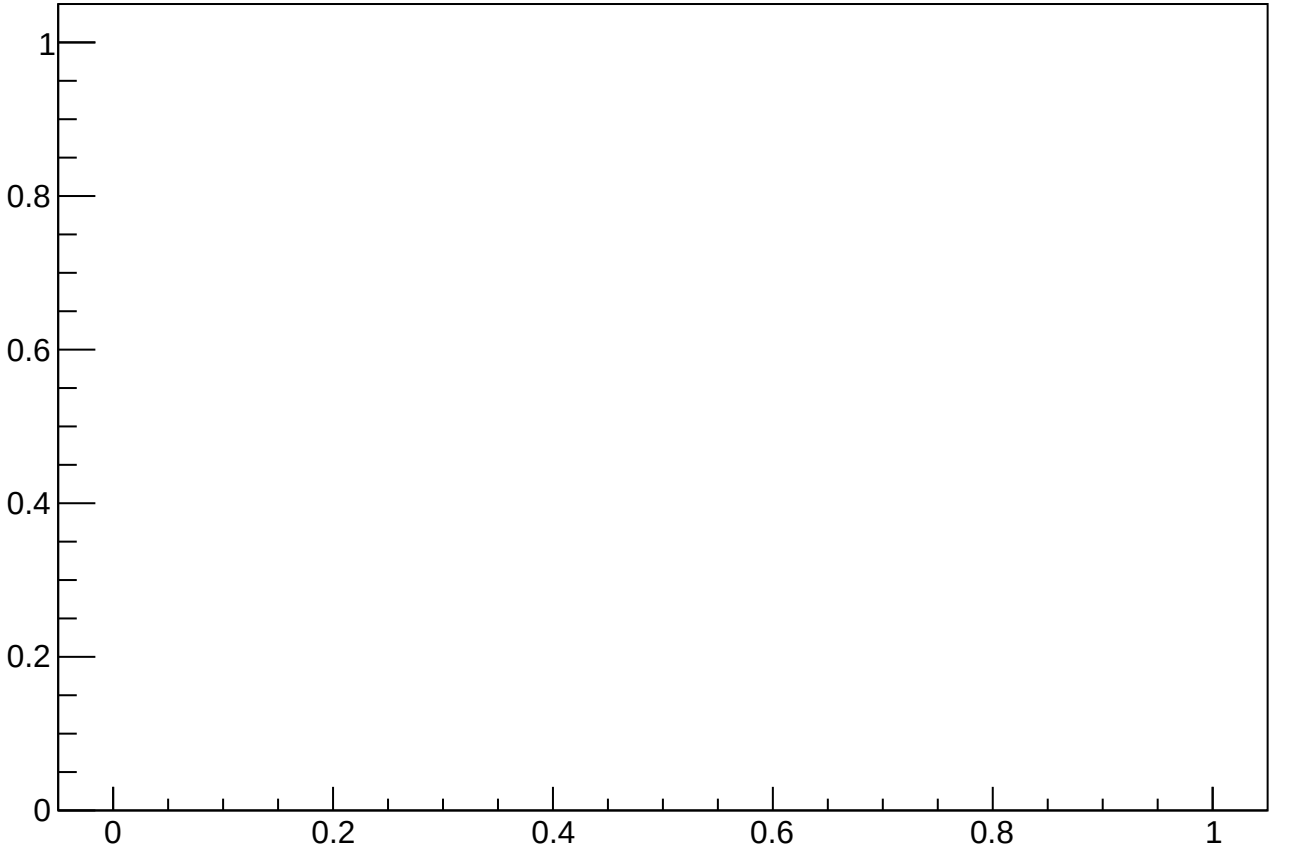
dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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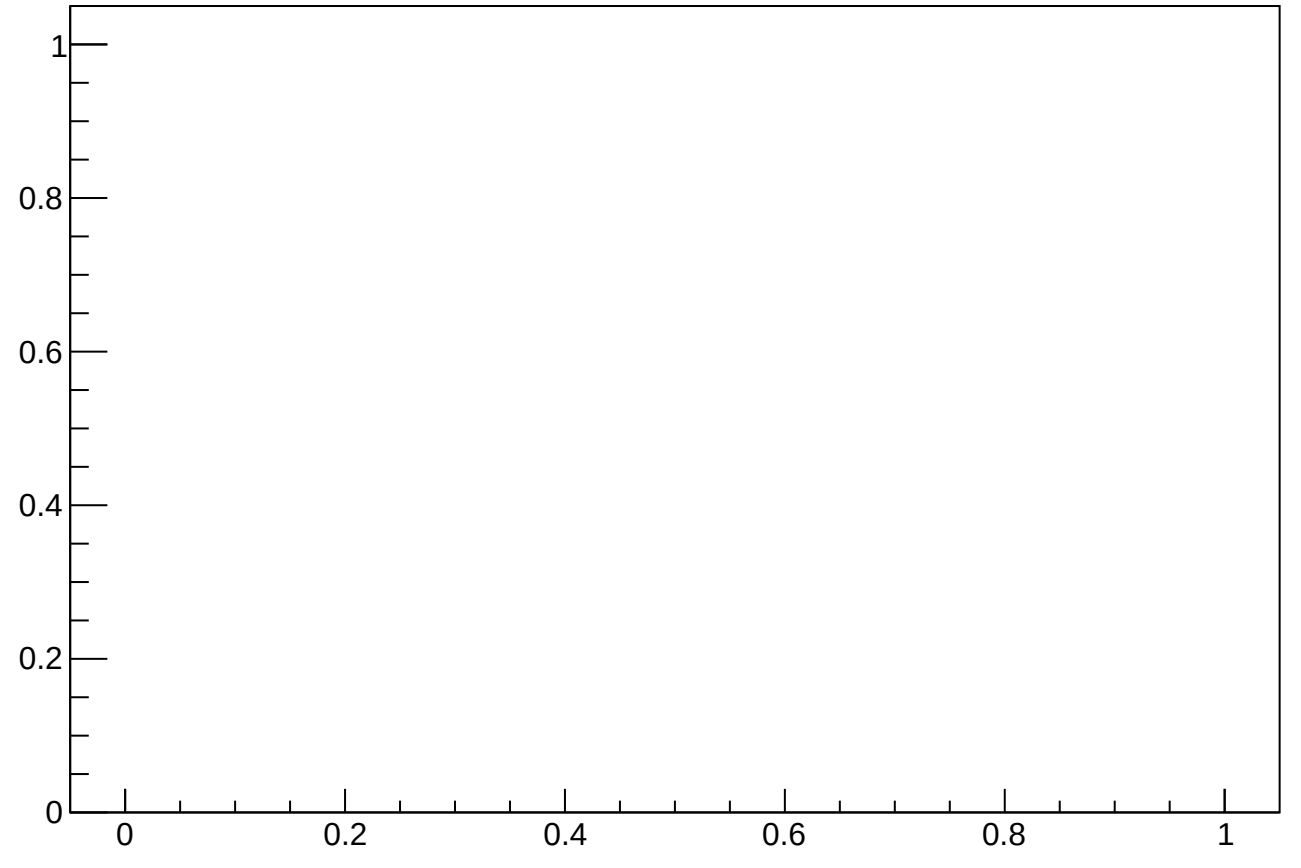

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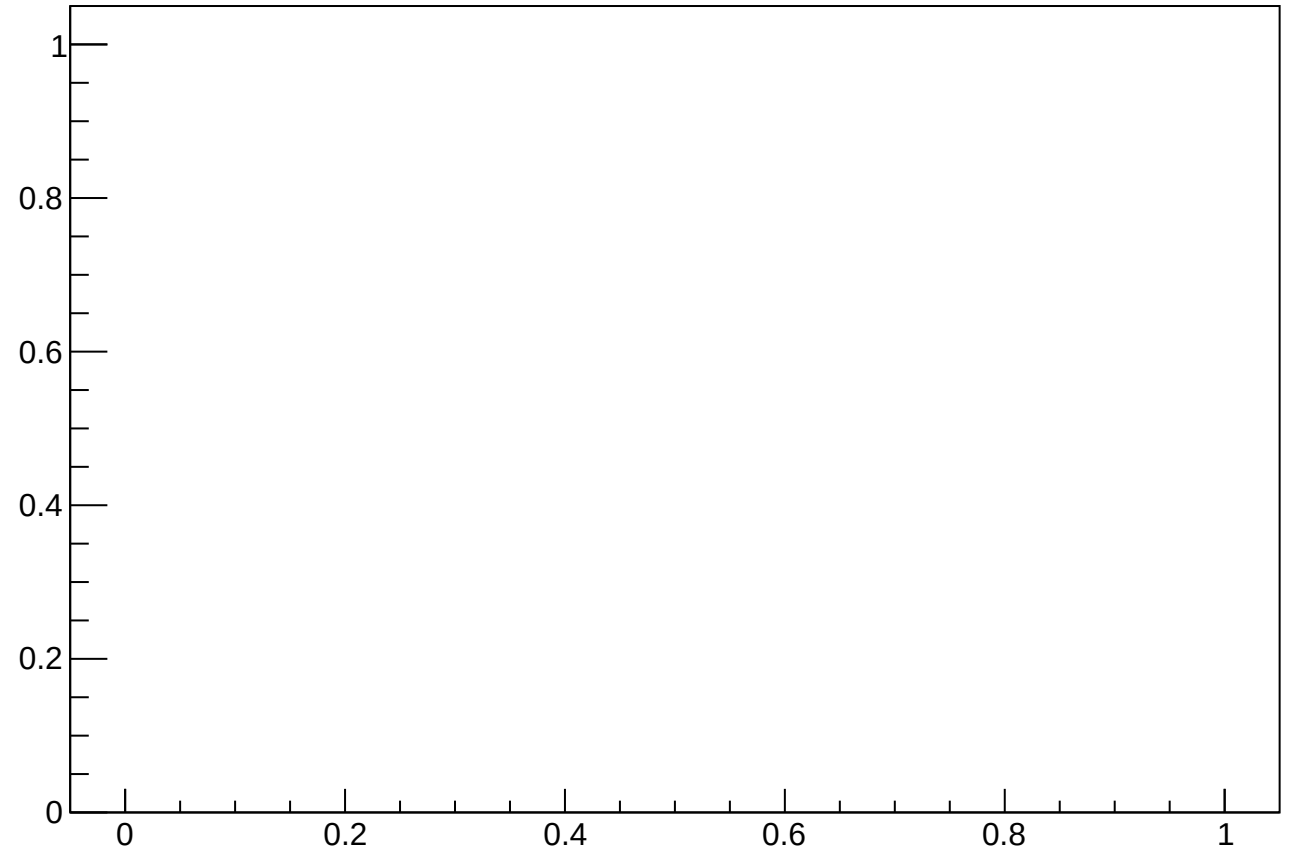

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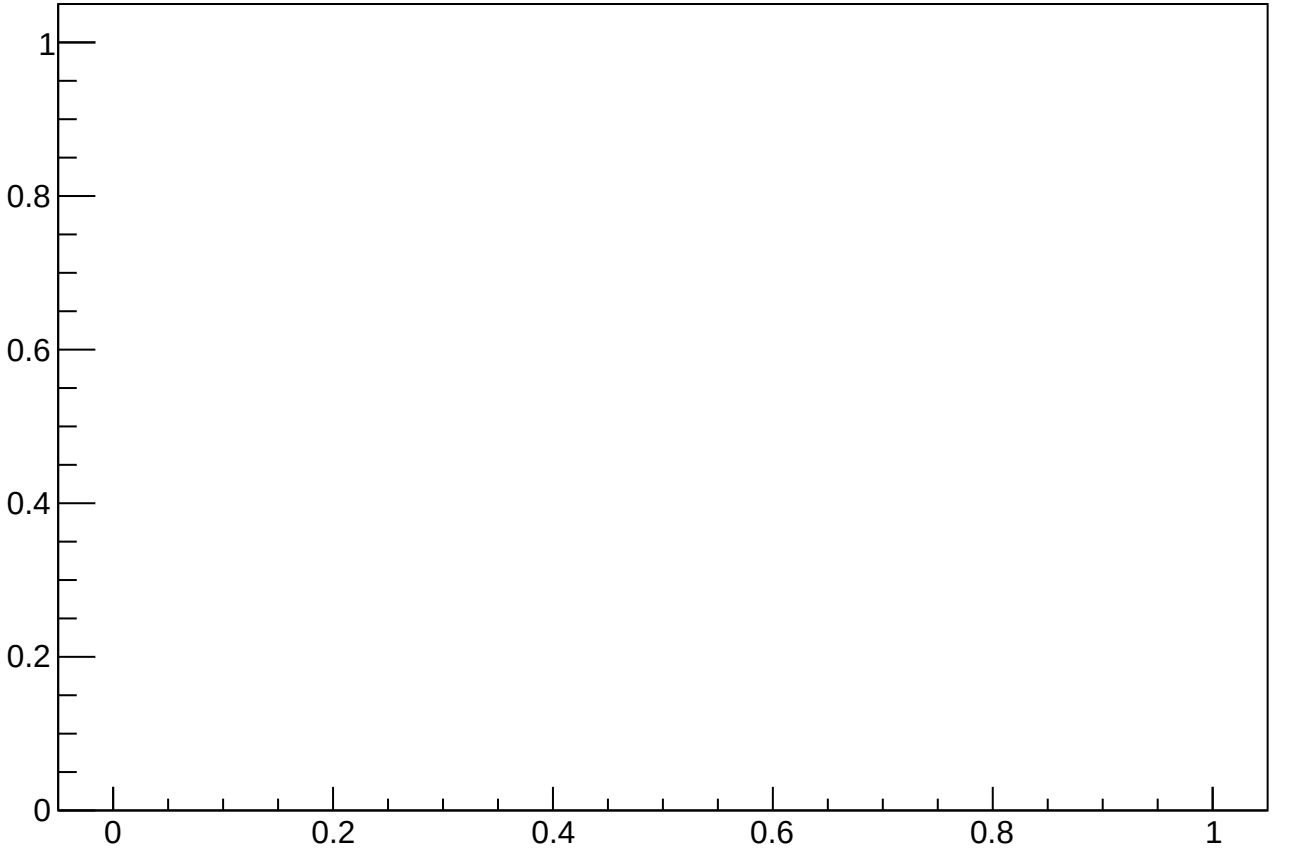
dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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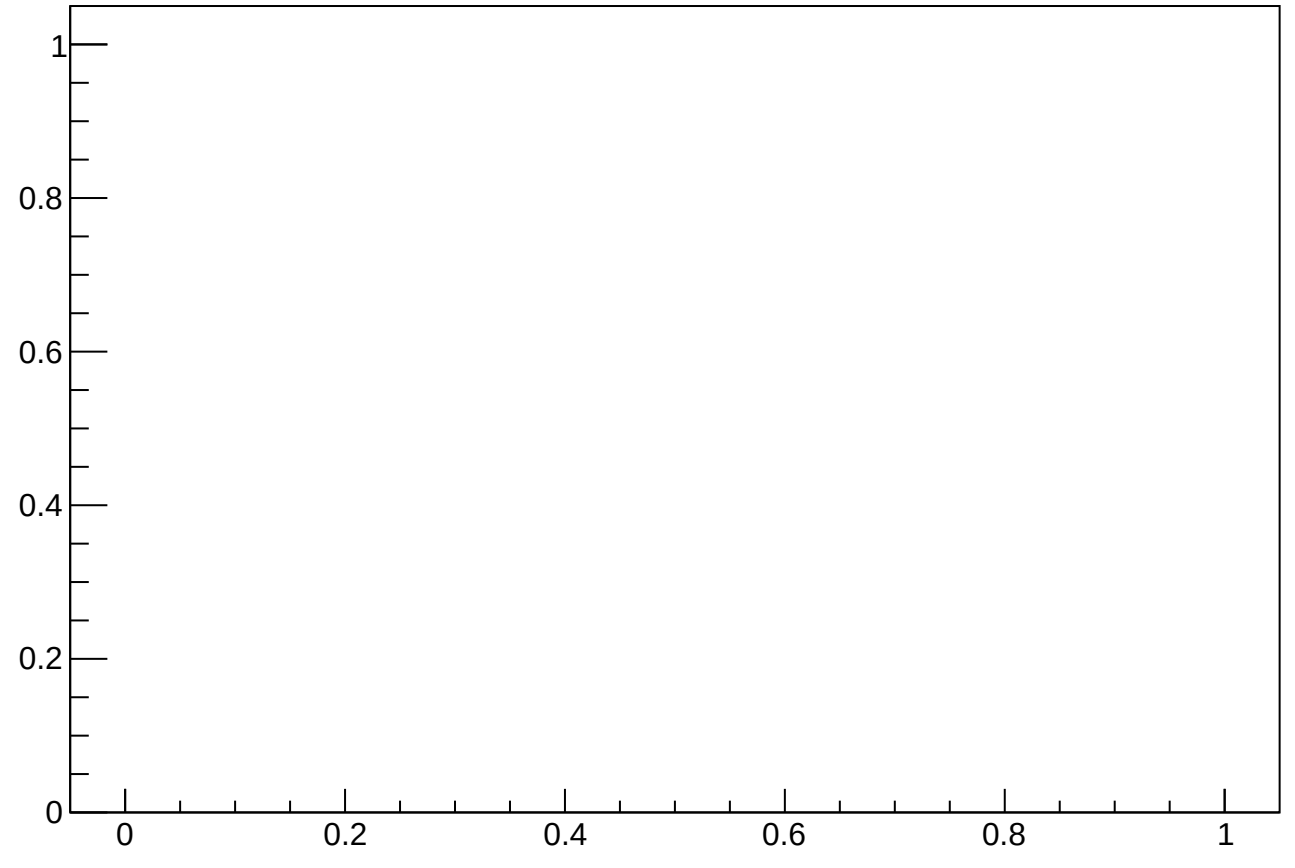

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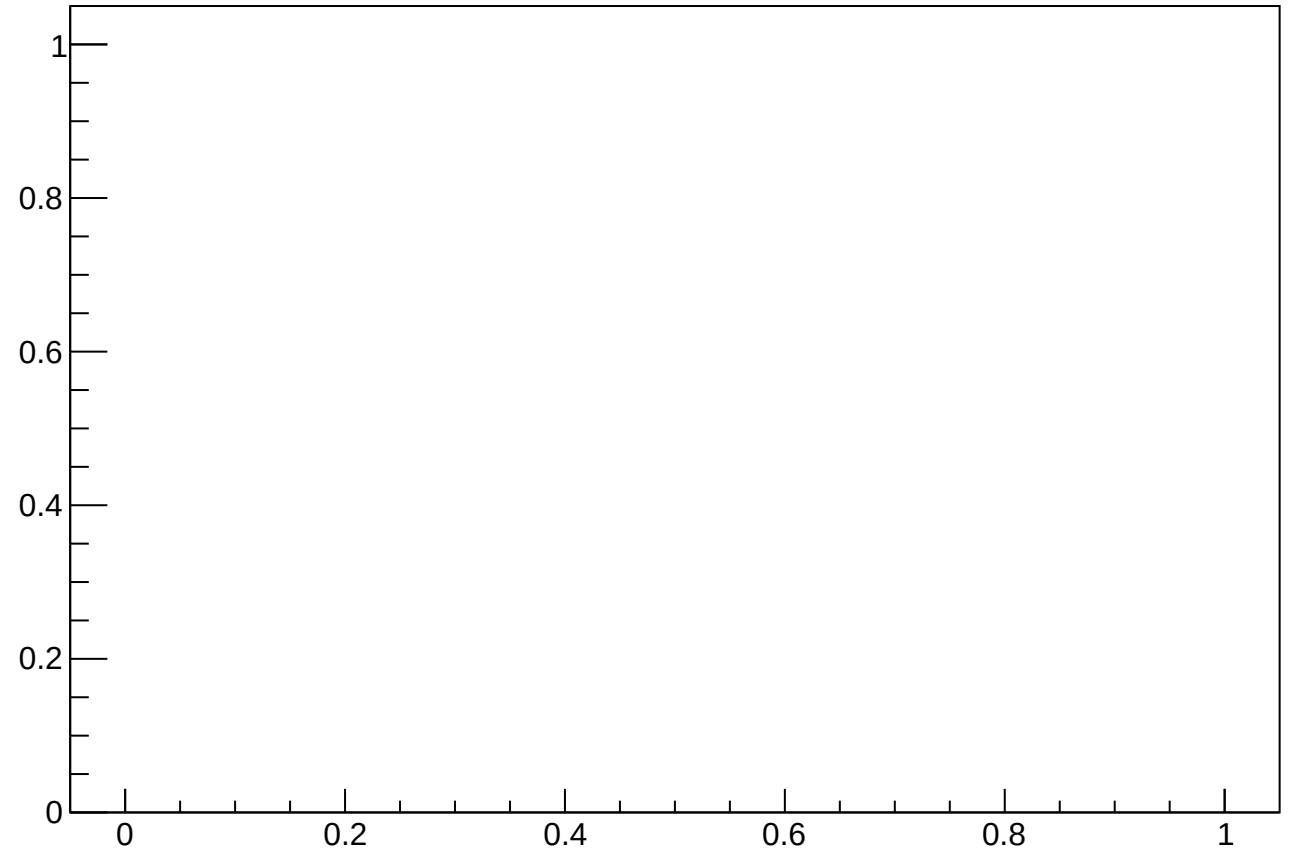

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Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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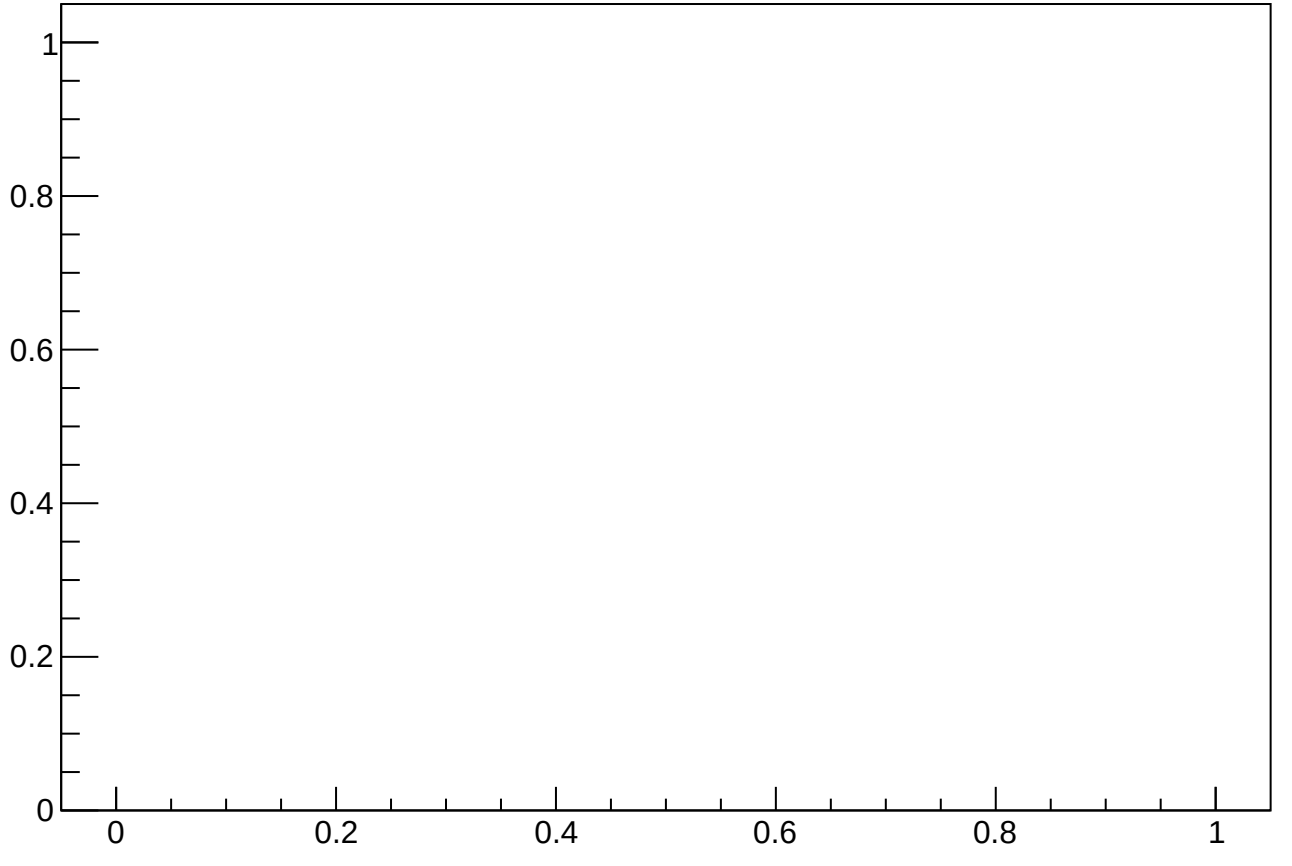
dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

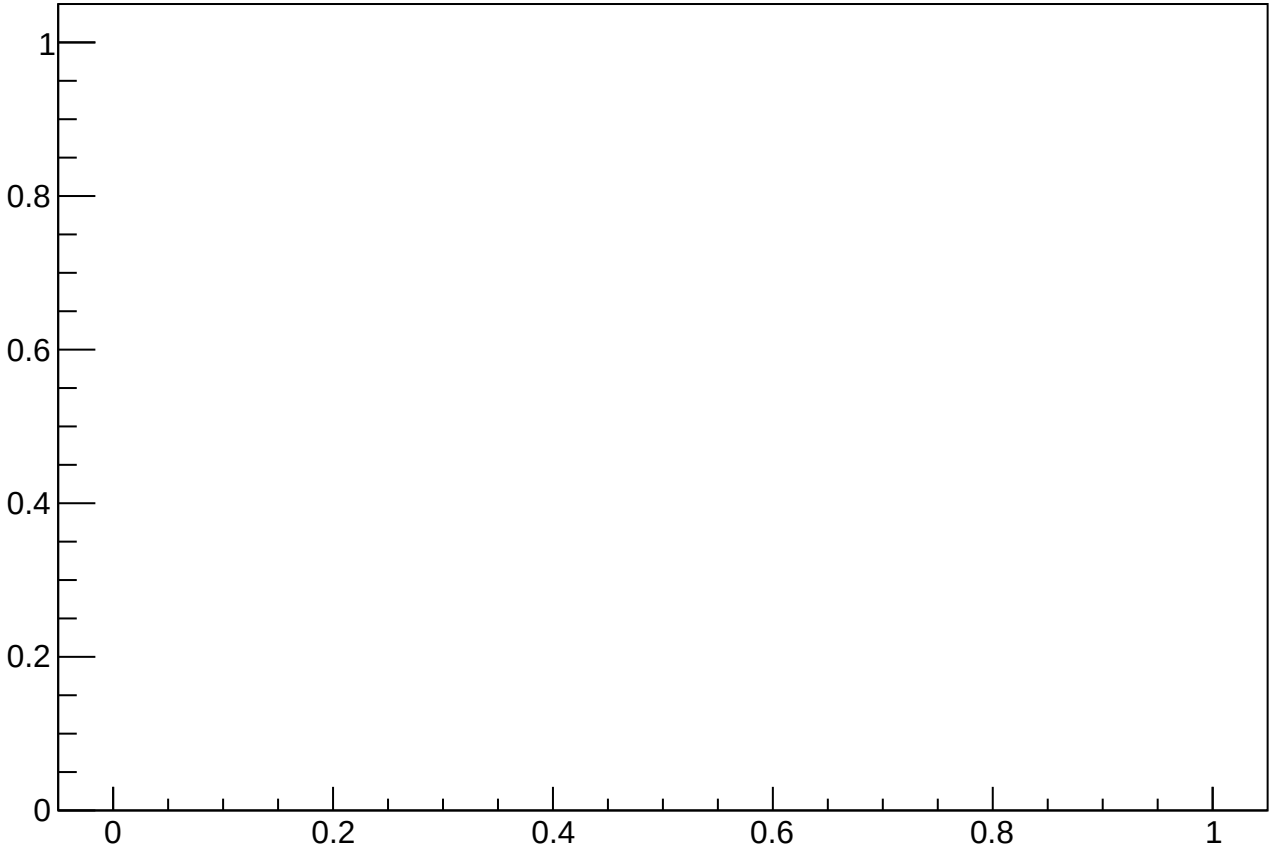
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

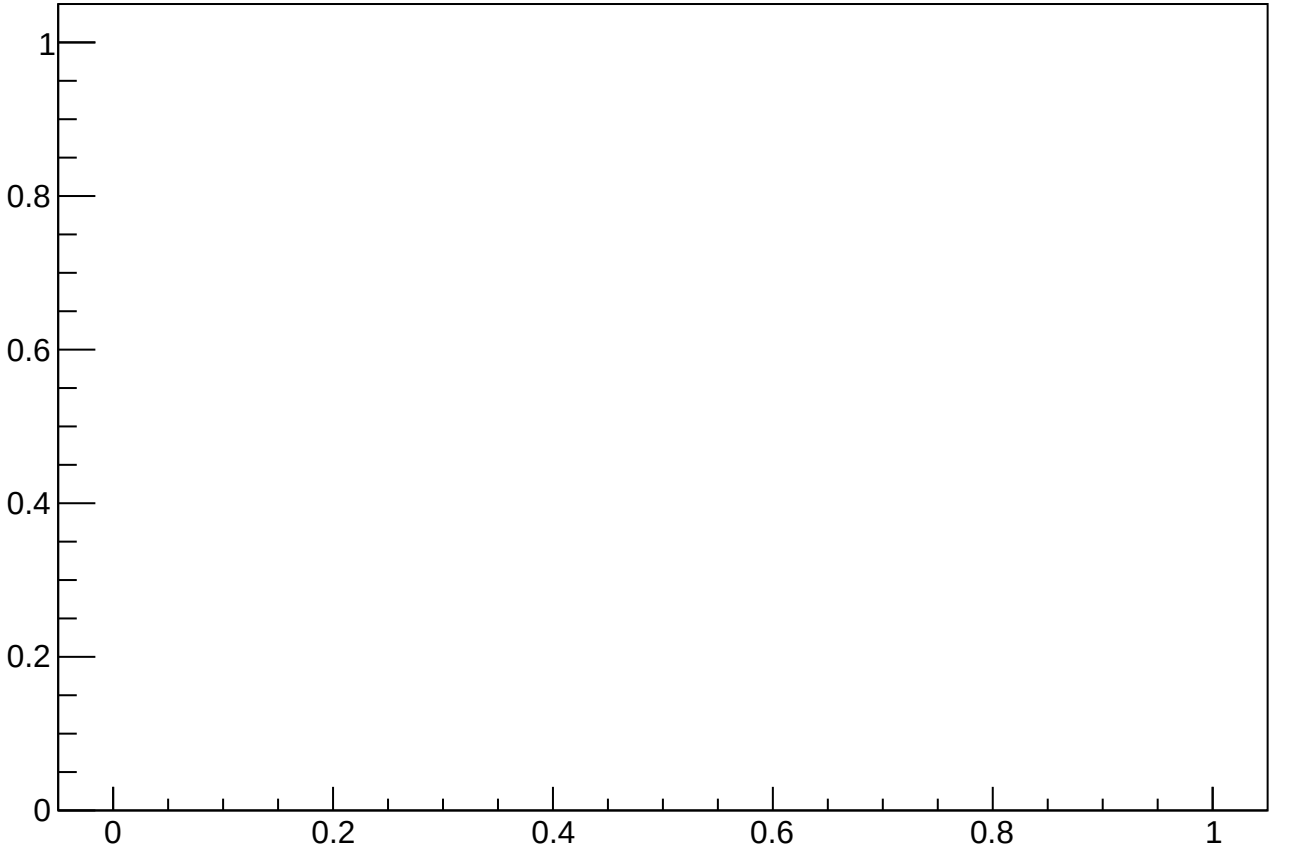
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

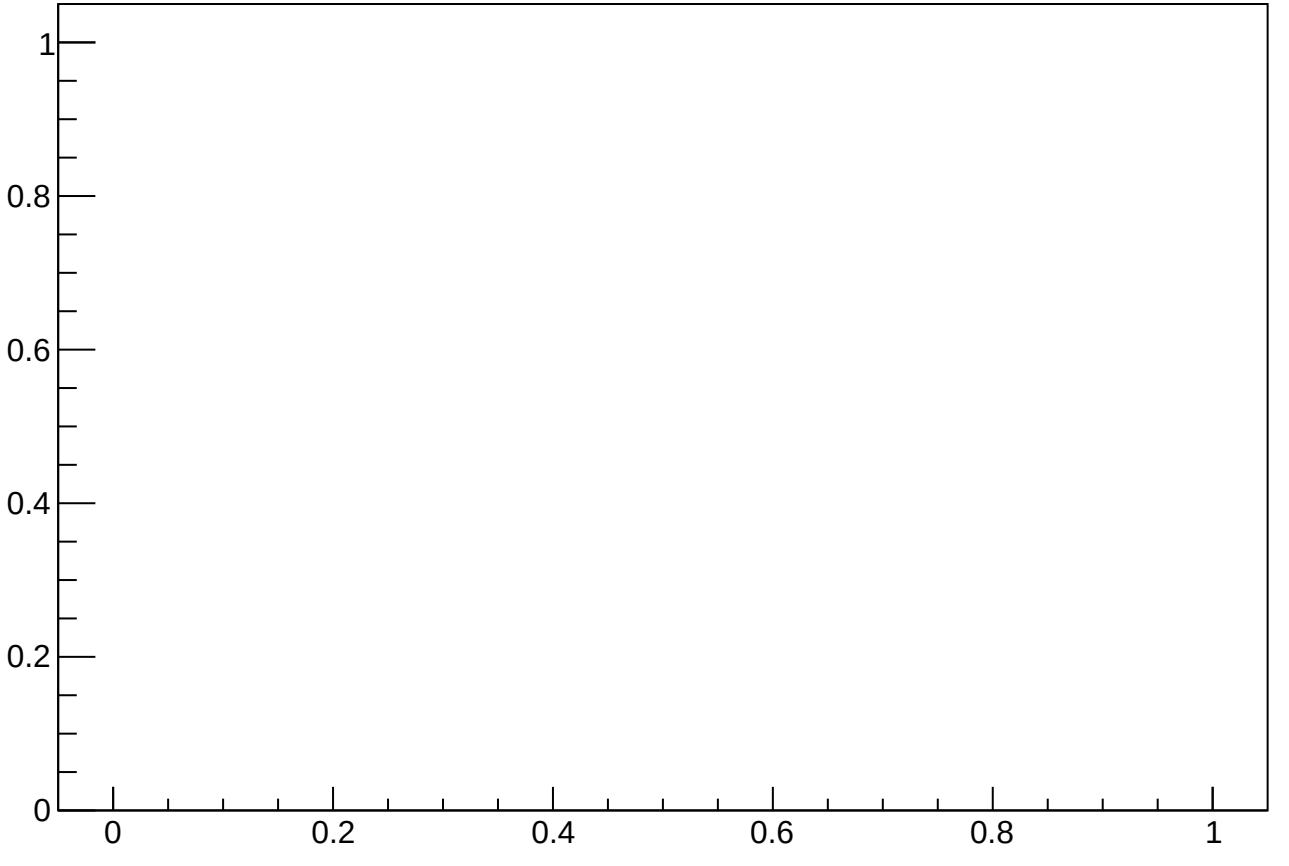
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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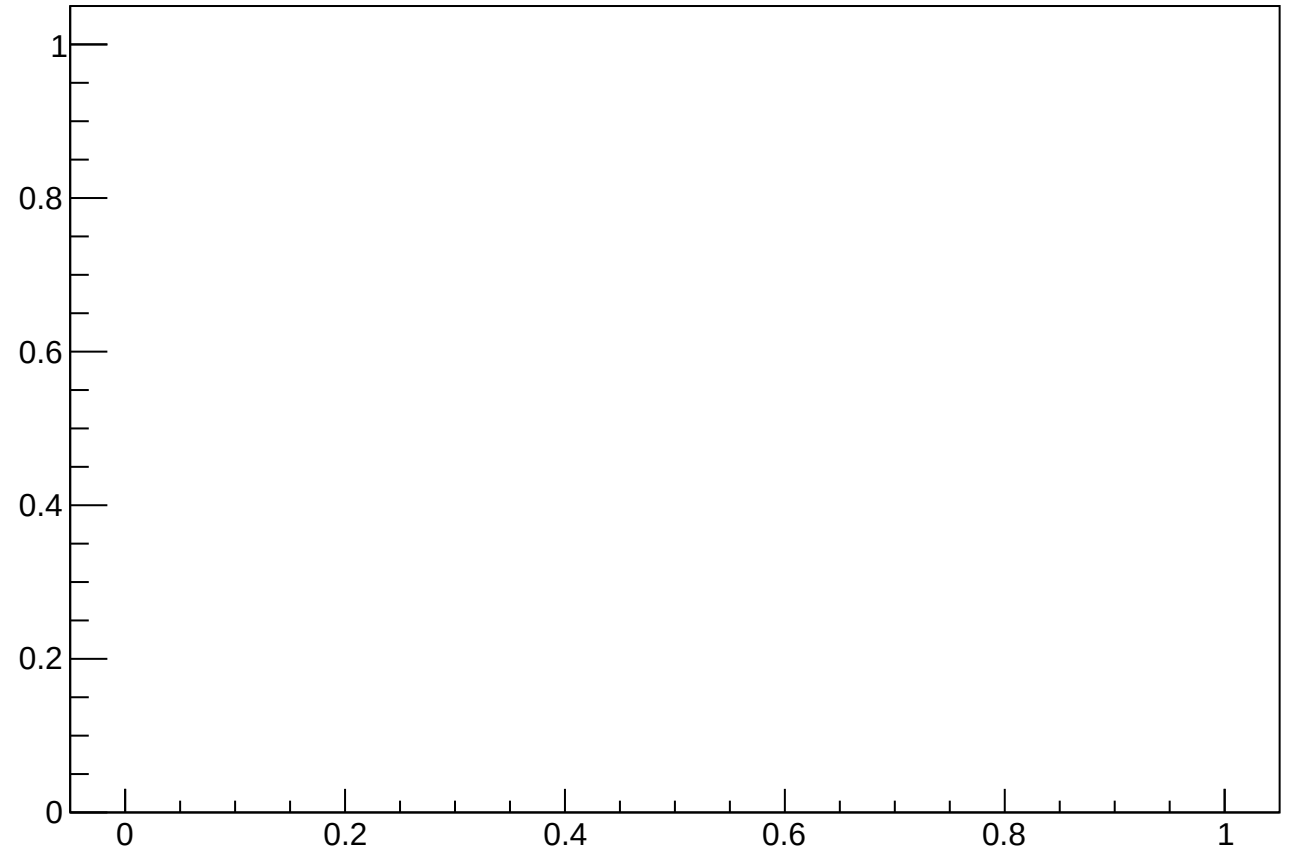

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

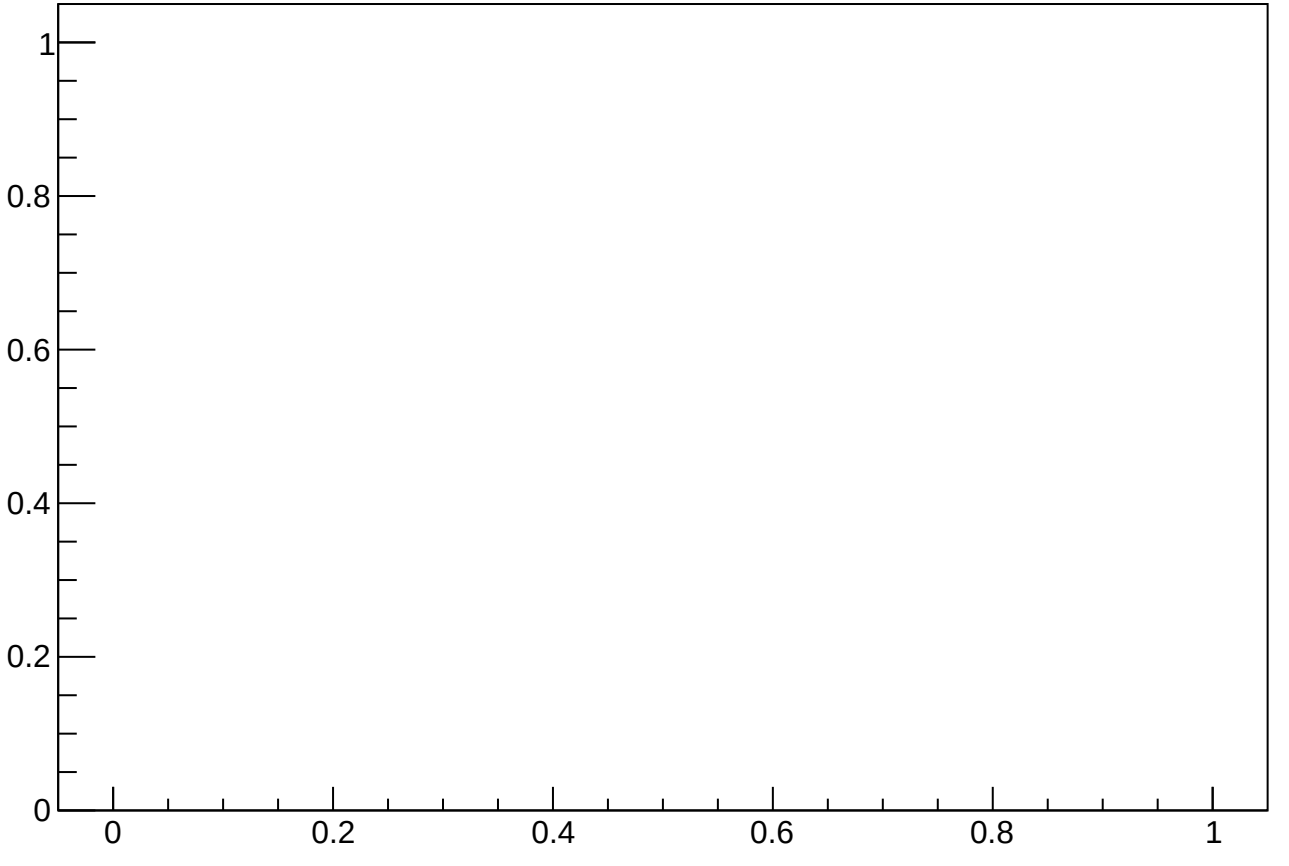
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

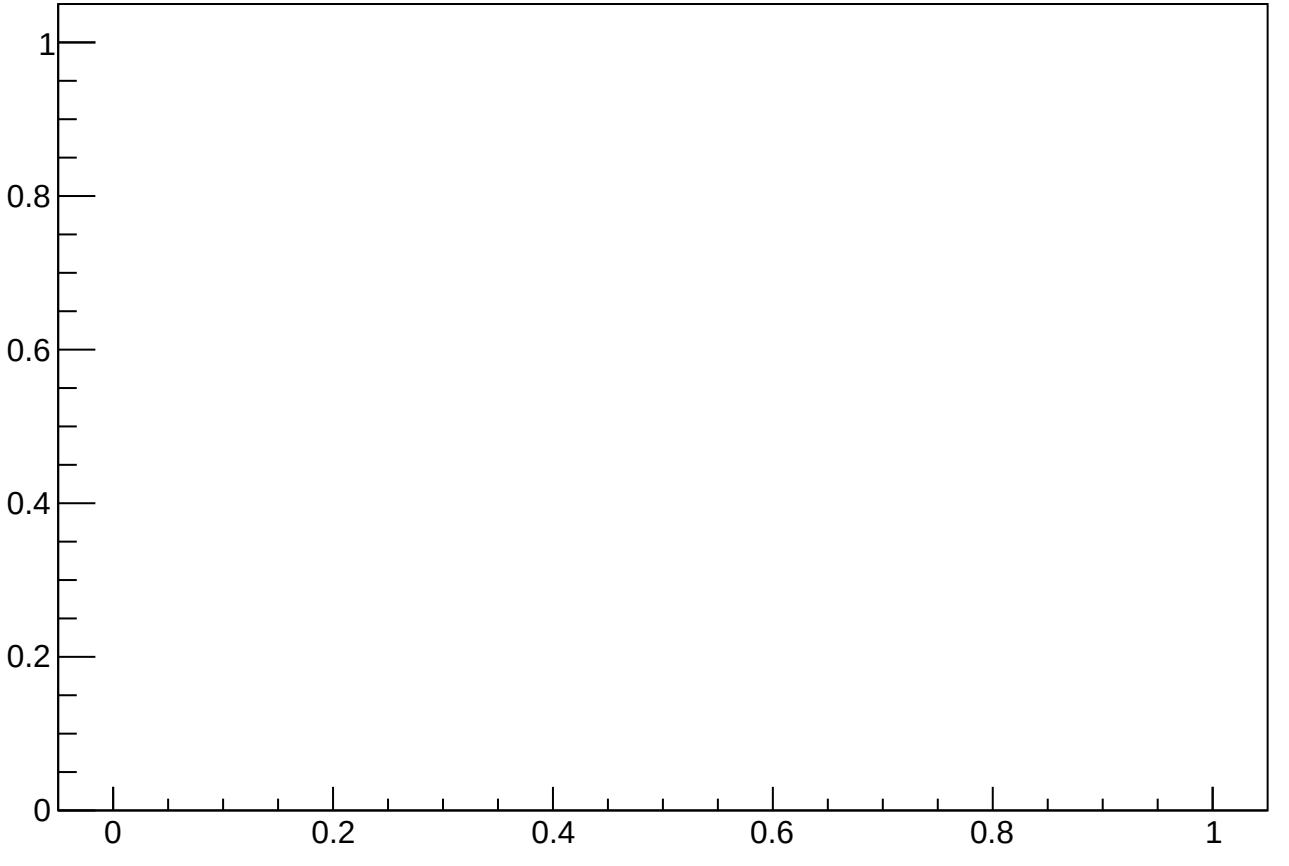
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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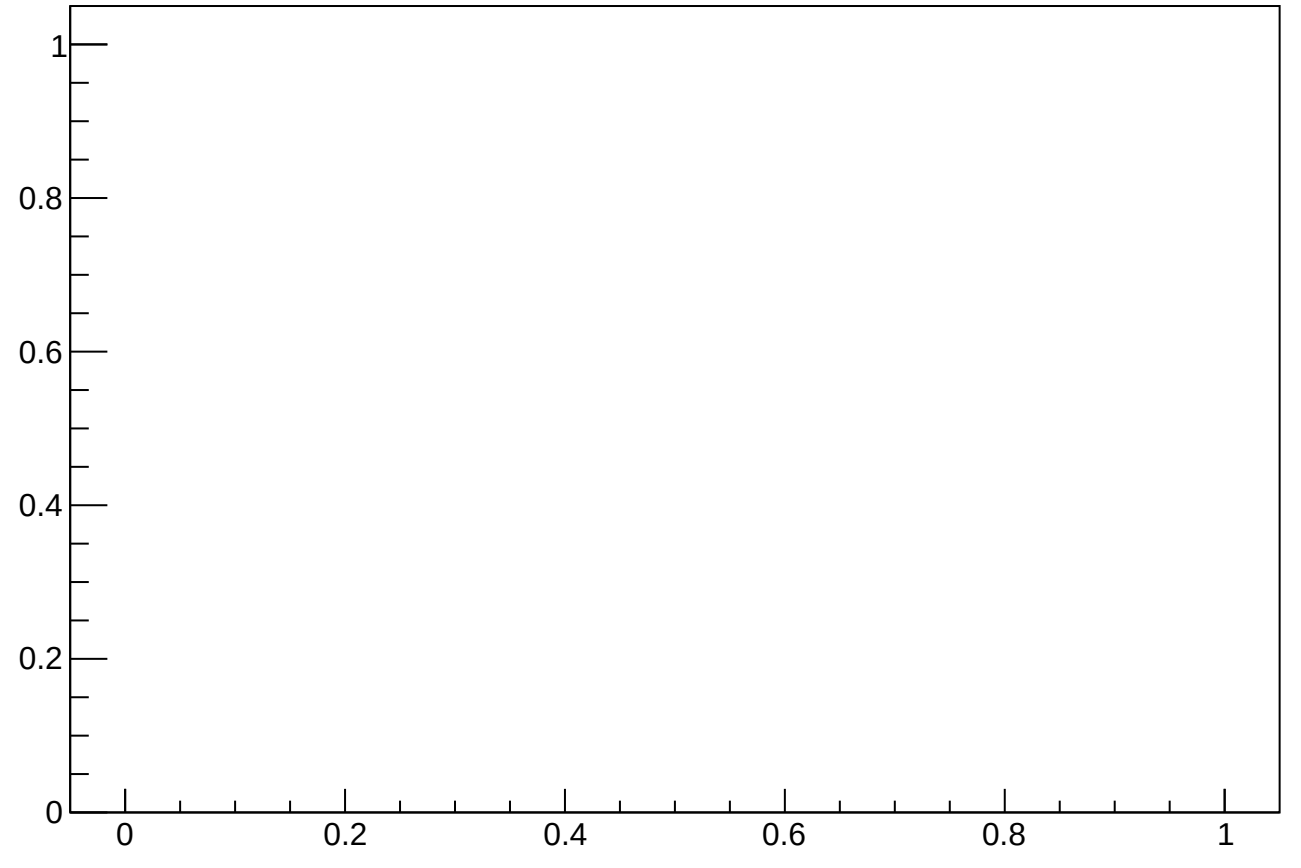

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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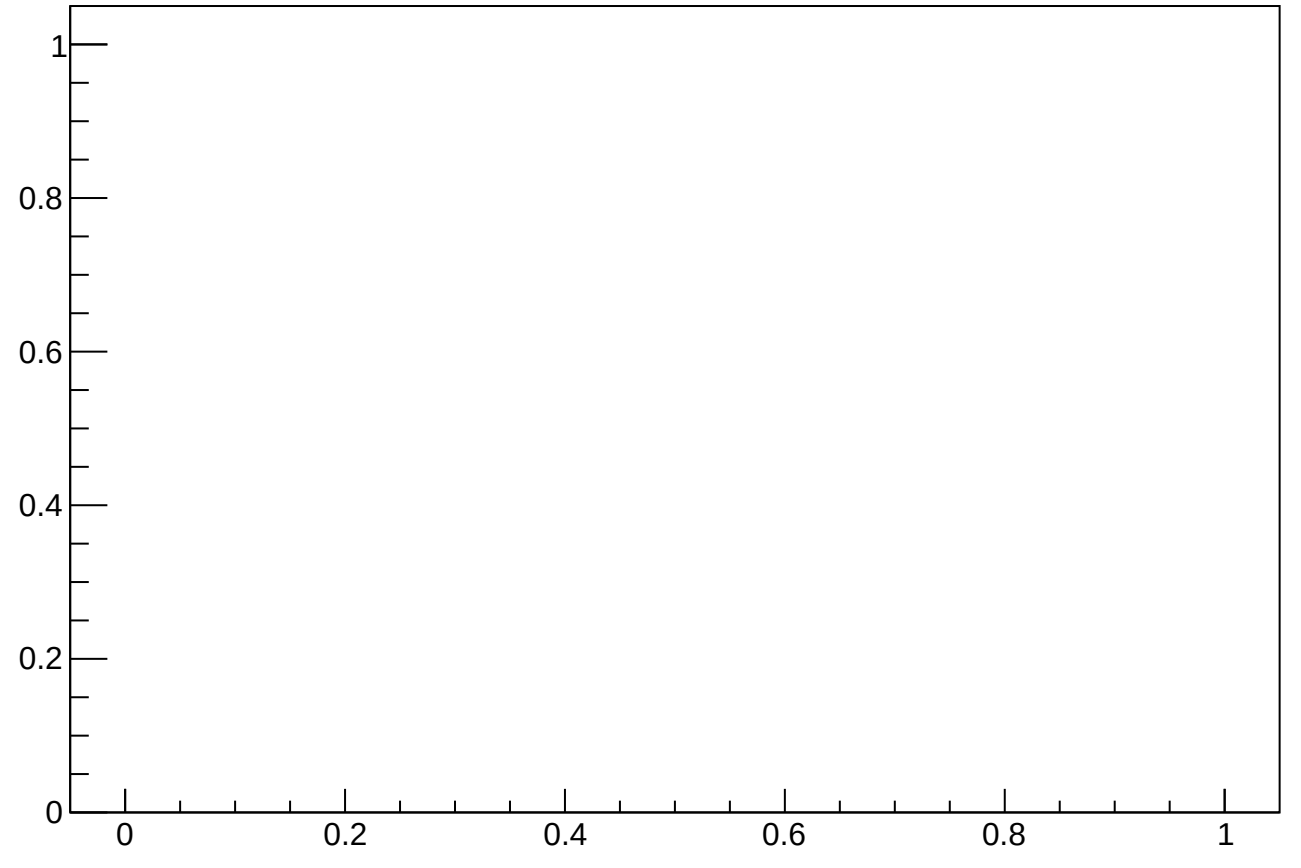

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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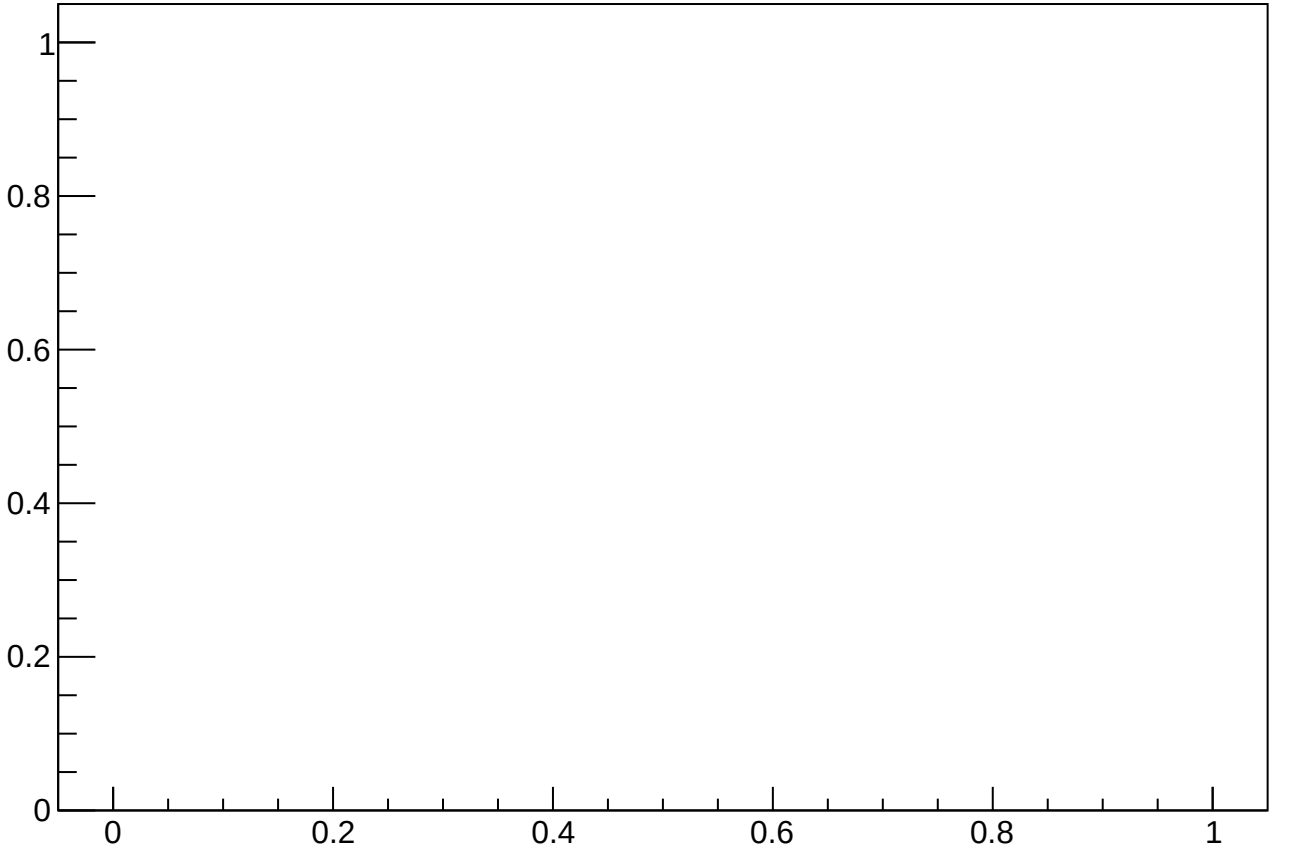
dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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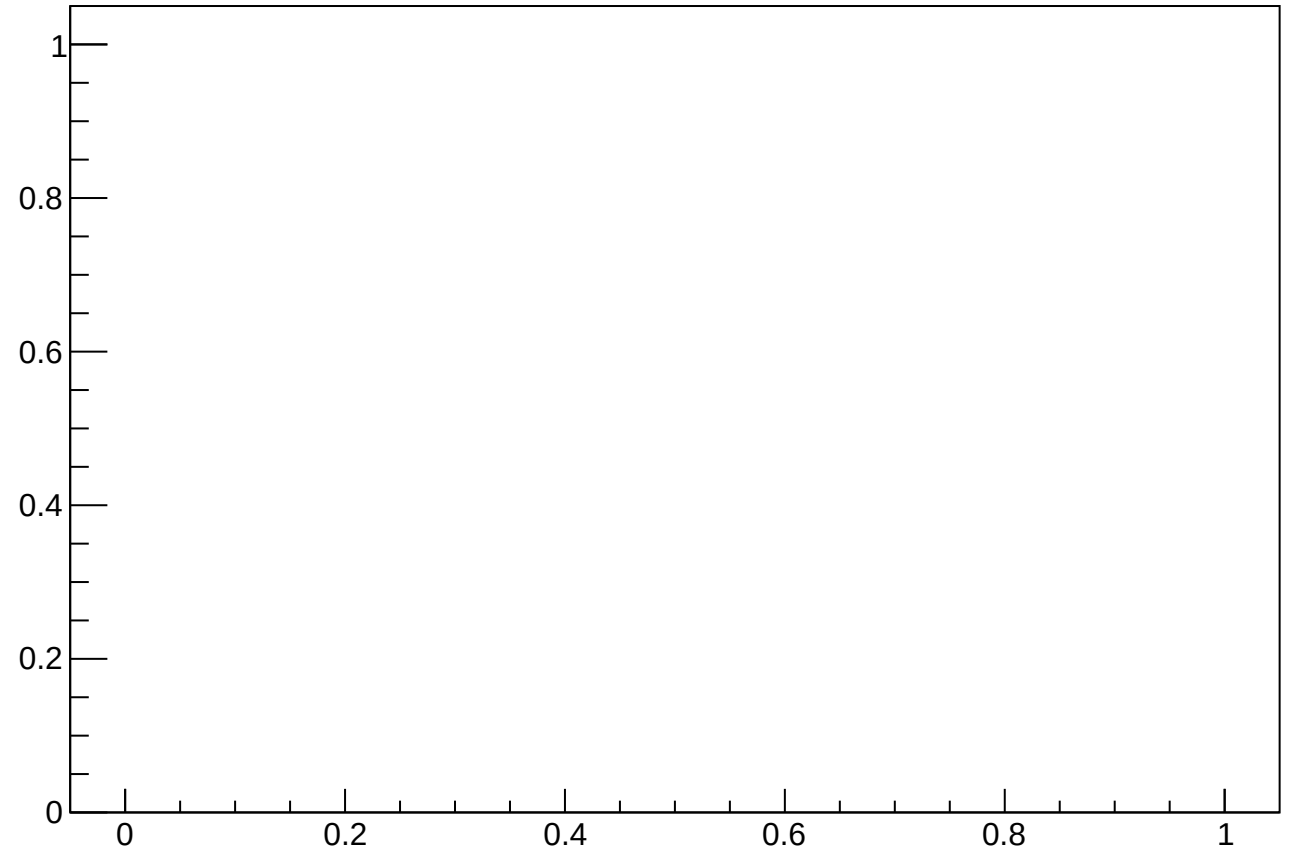

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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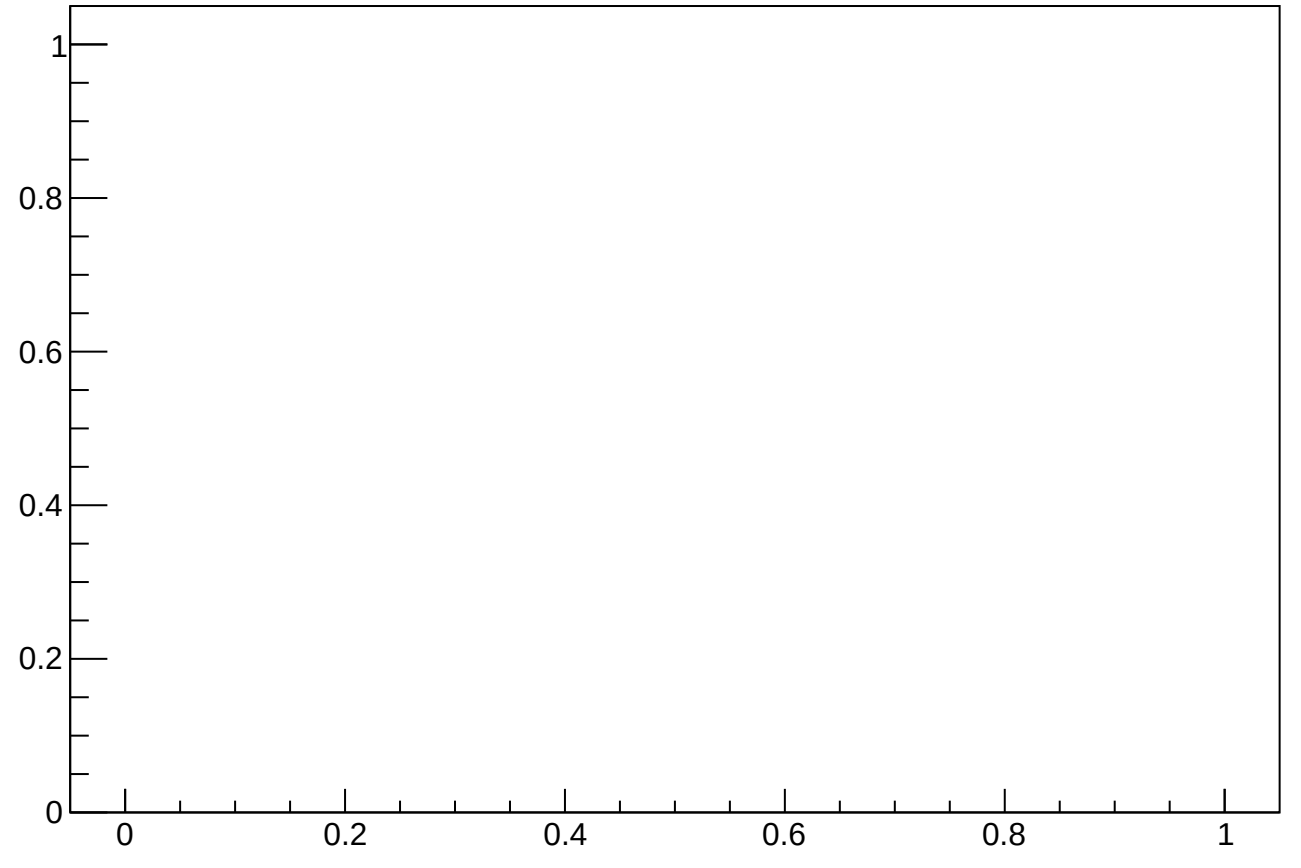

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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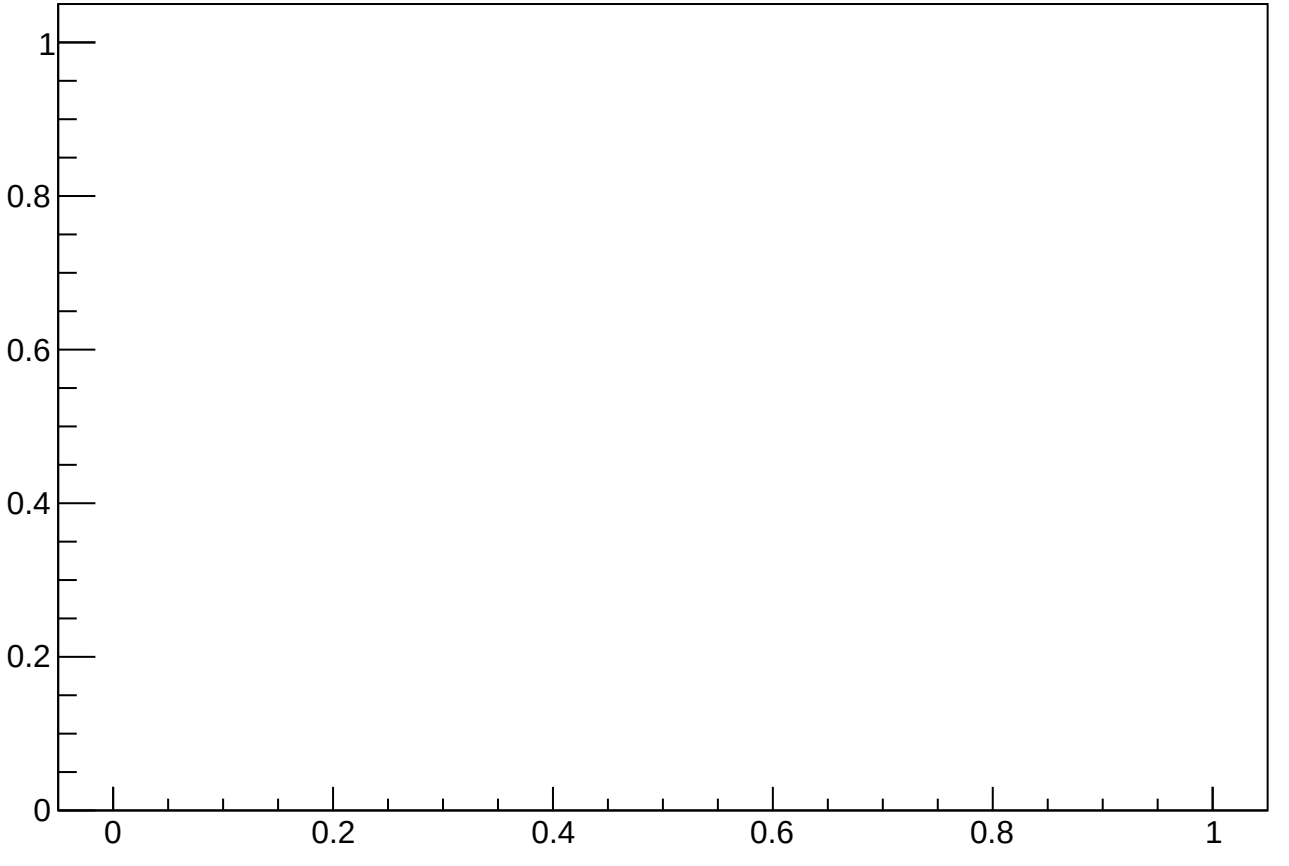
dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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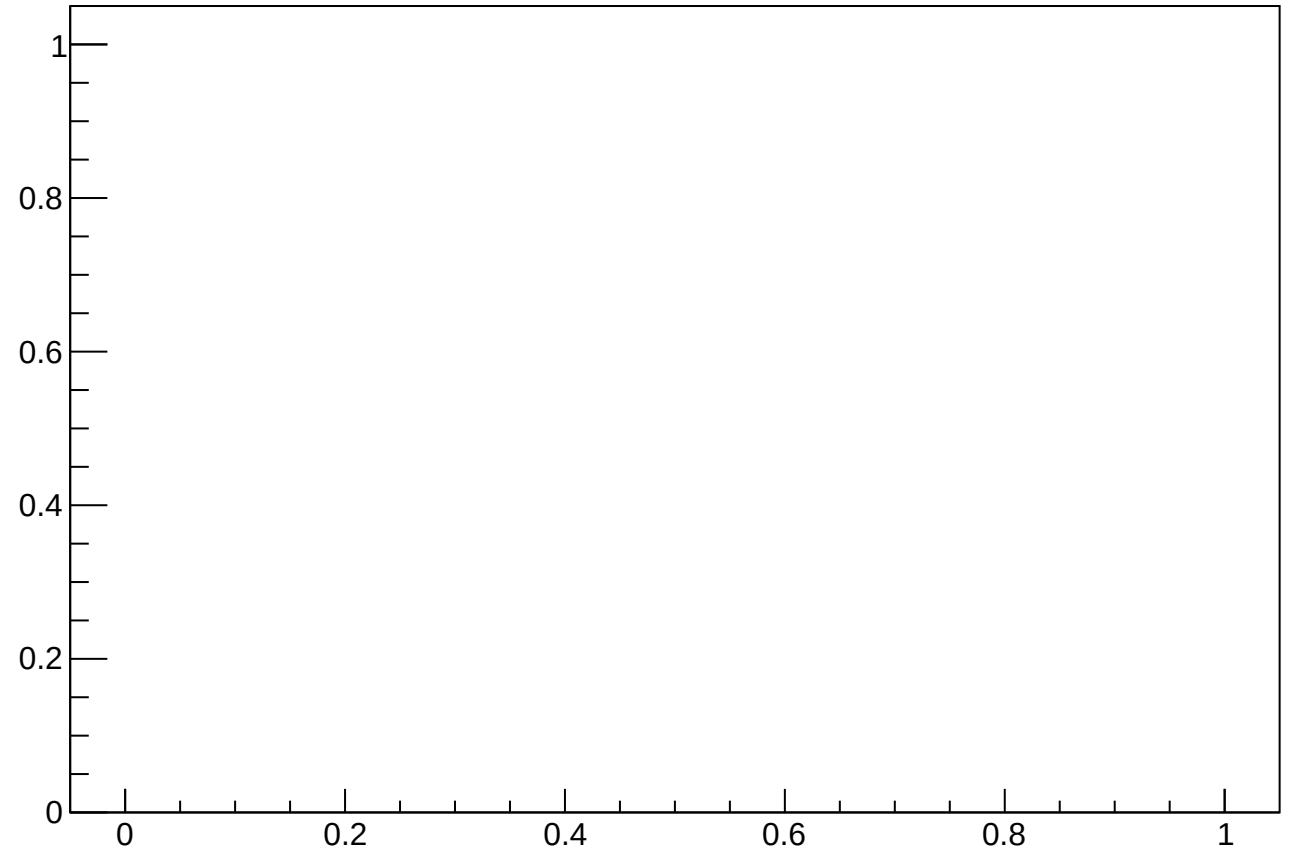

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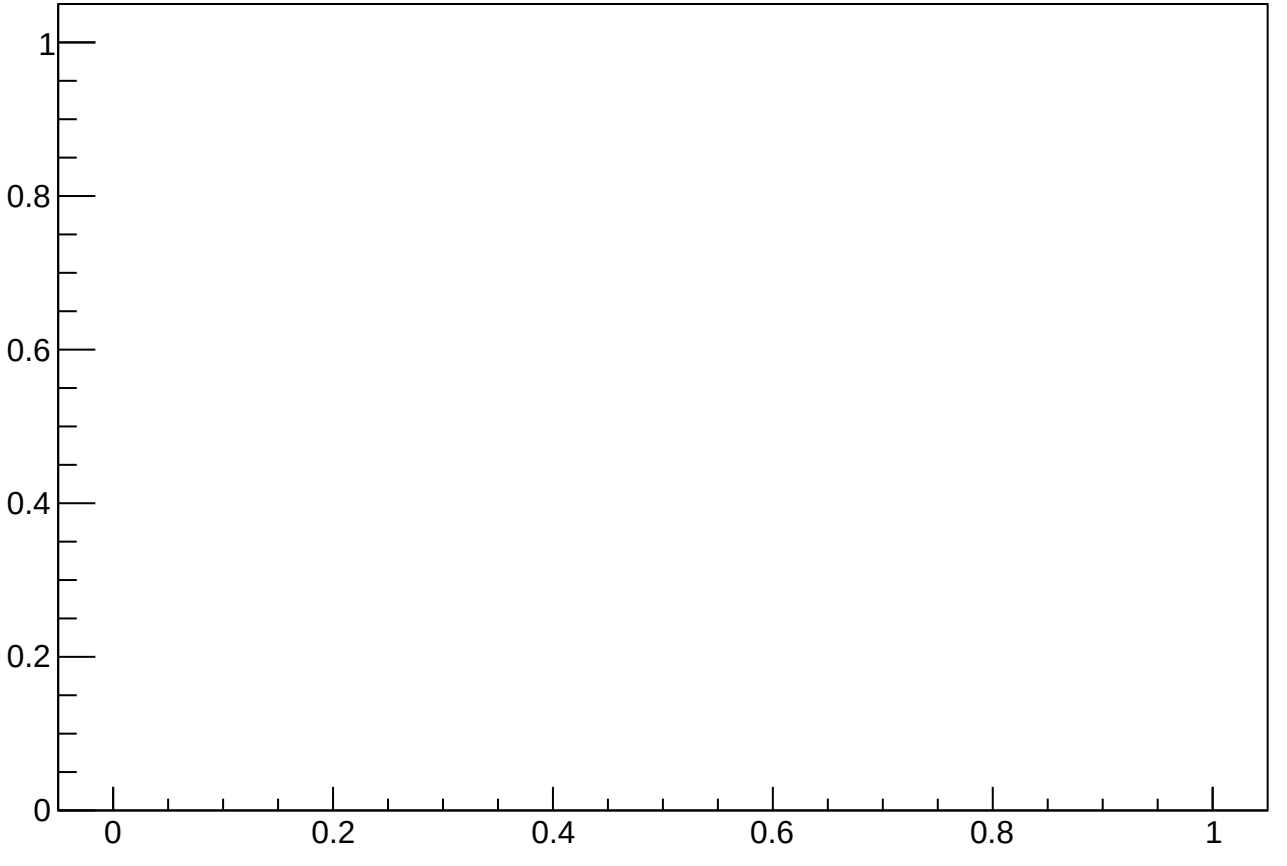
dit_sam8_coil3_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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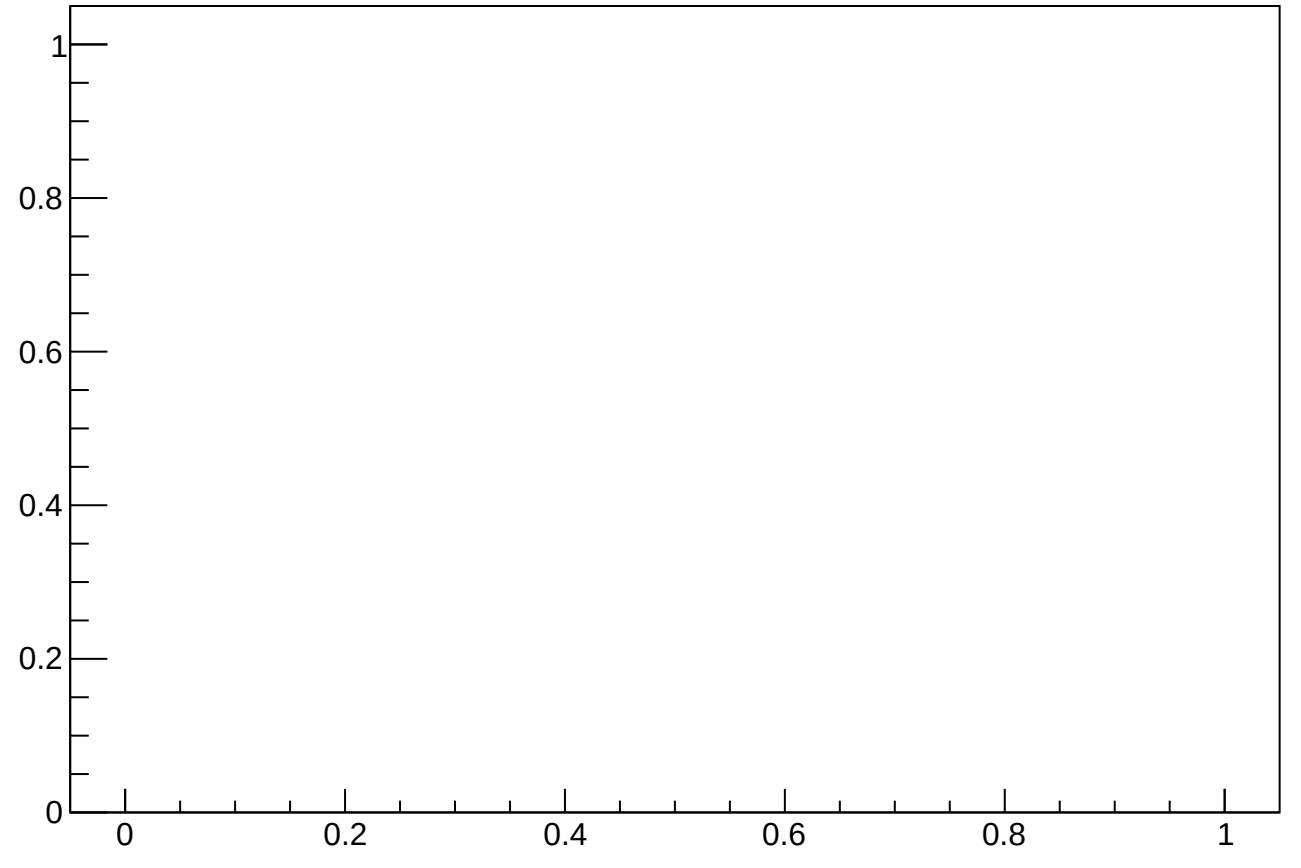

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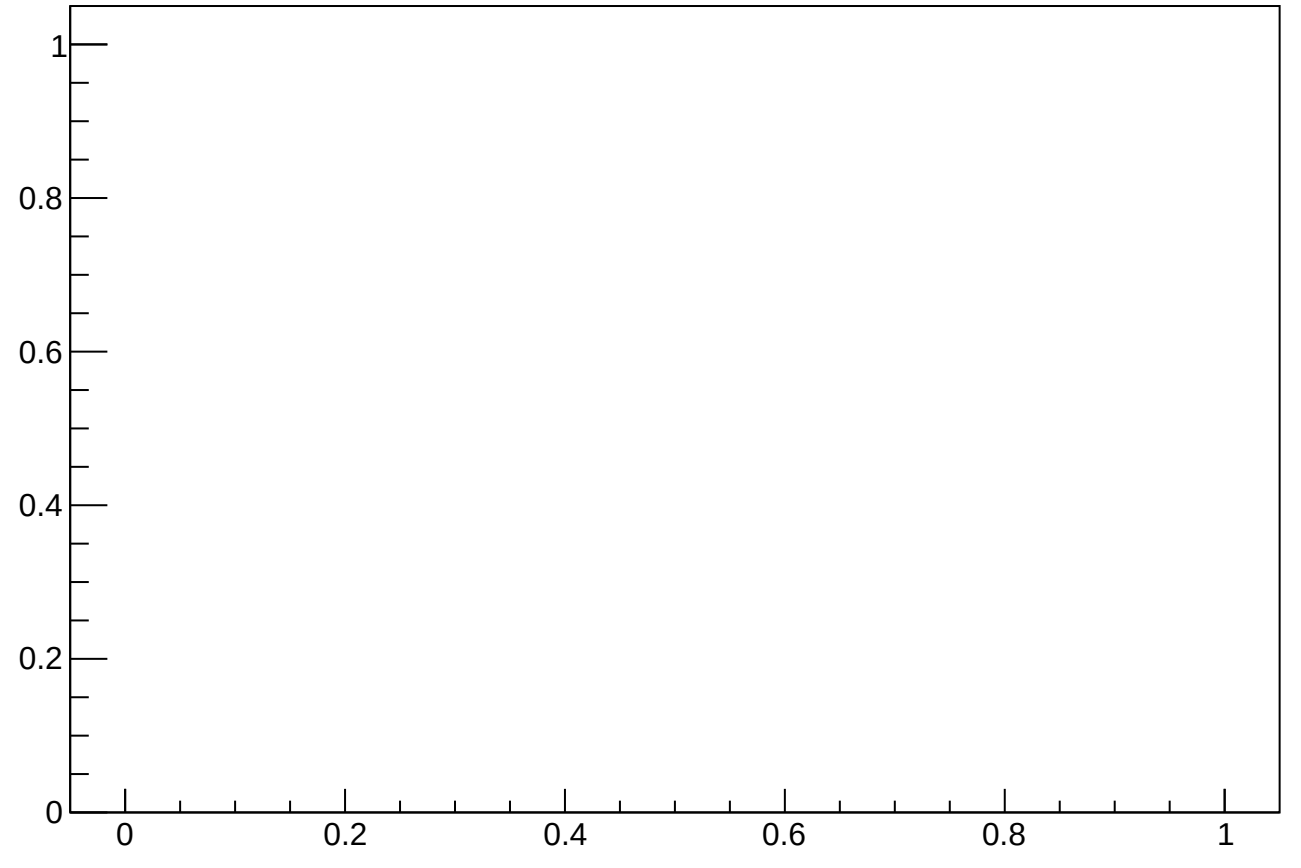

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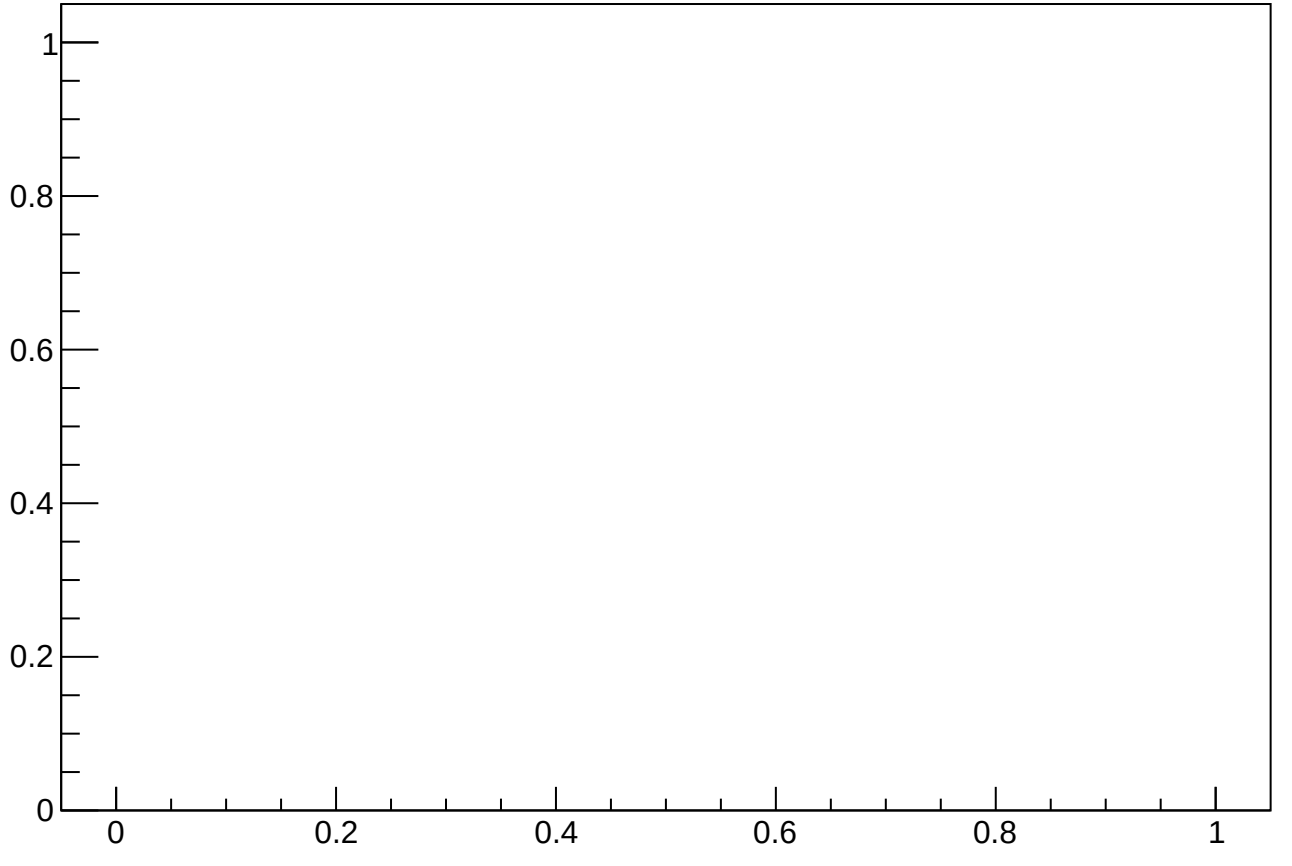
dit_4aX_coil7_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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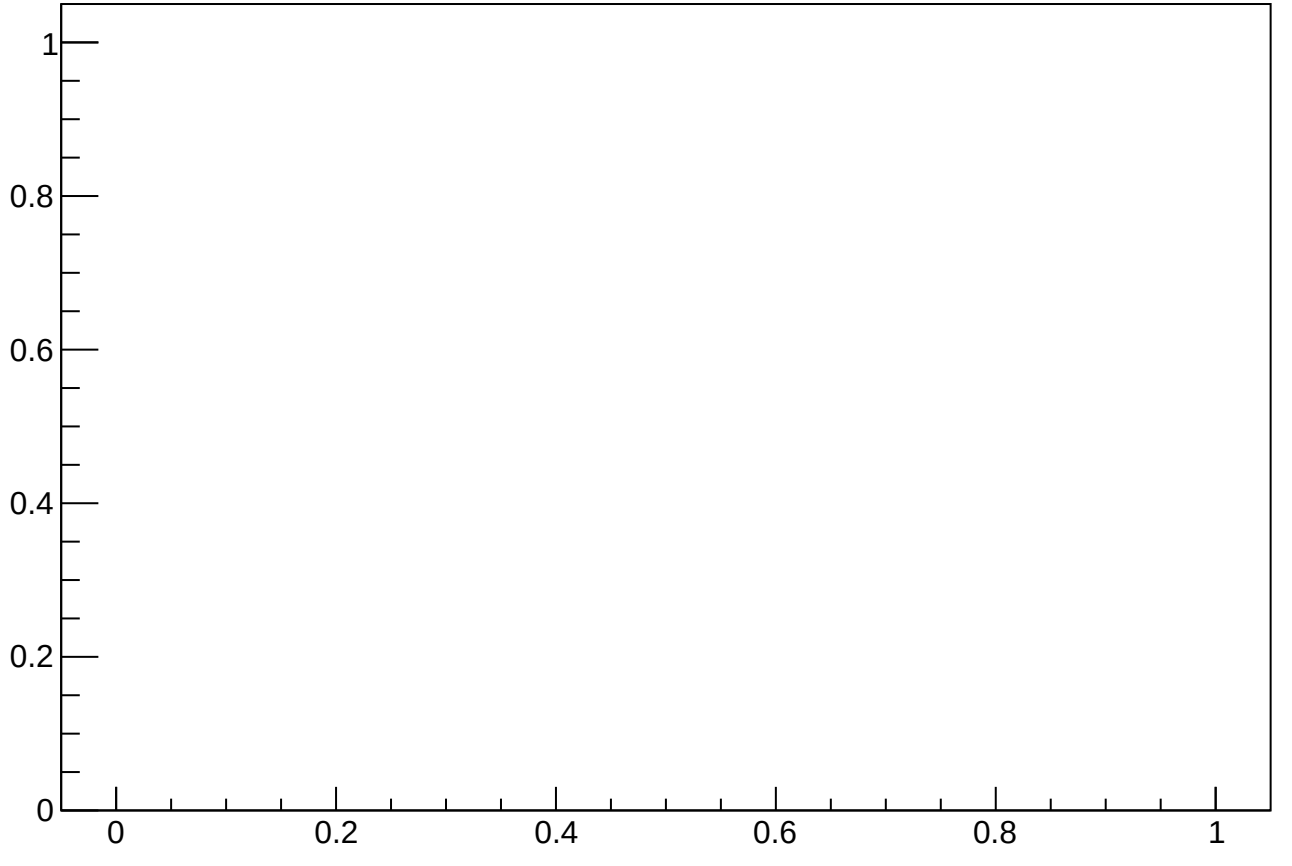
dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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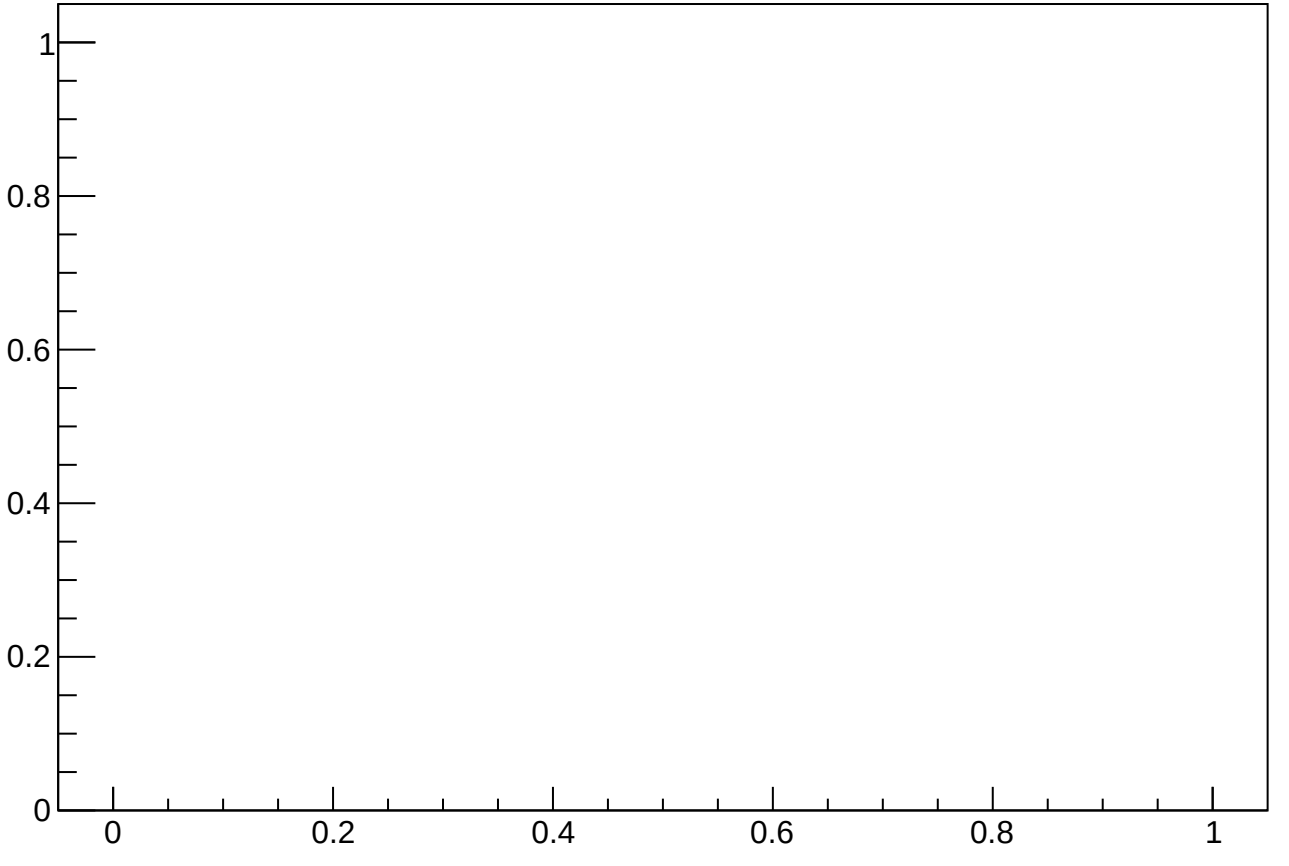
dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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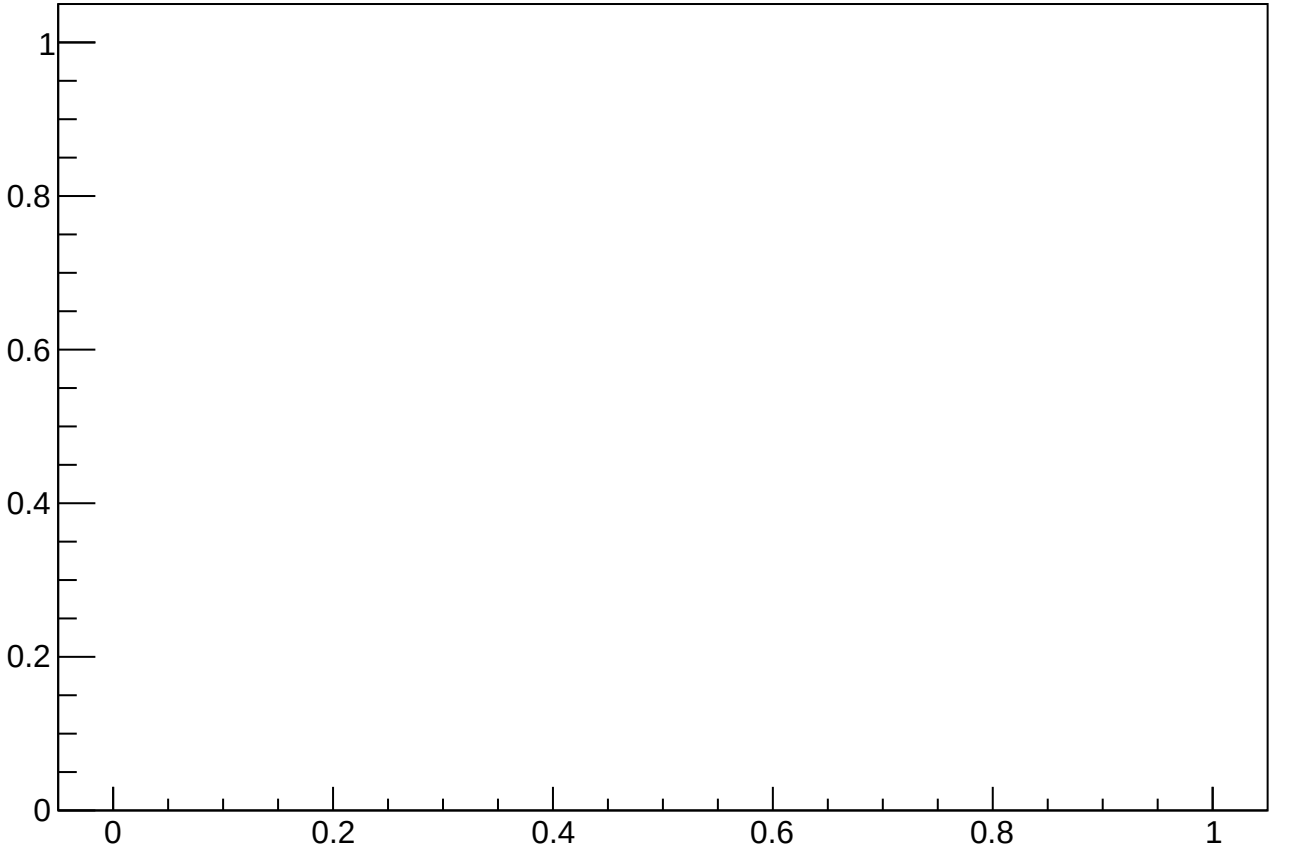
dit_4eX_coil7_mean vs Slug, Sign Corrected



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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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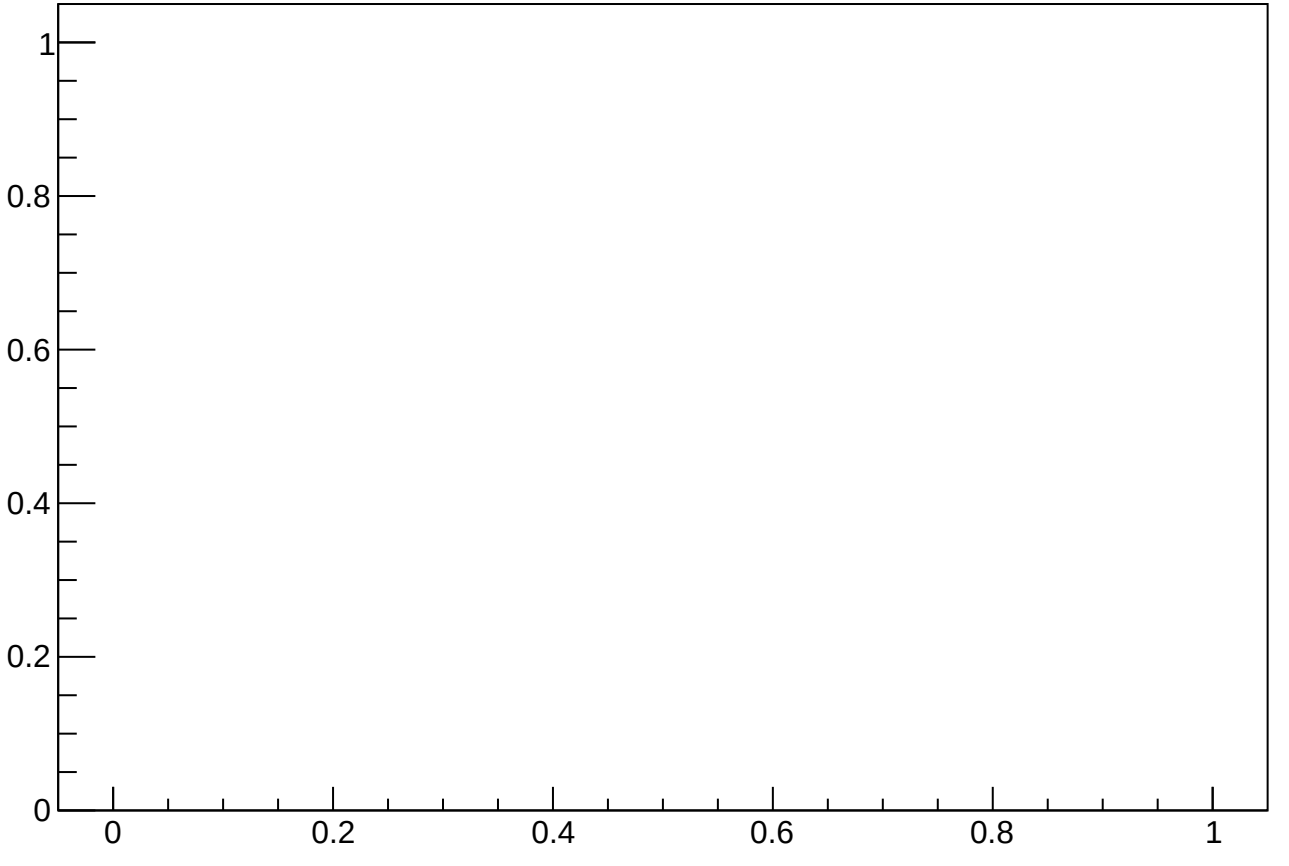
dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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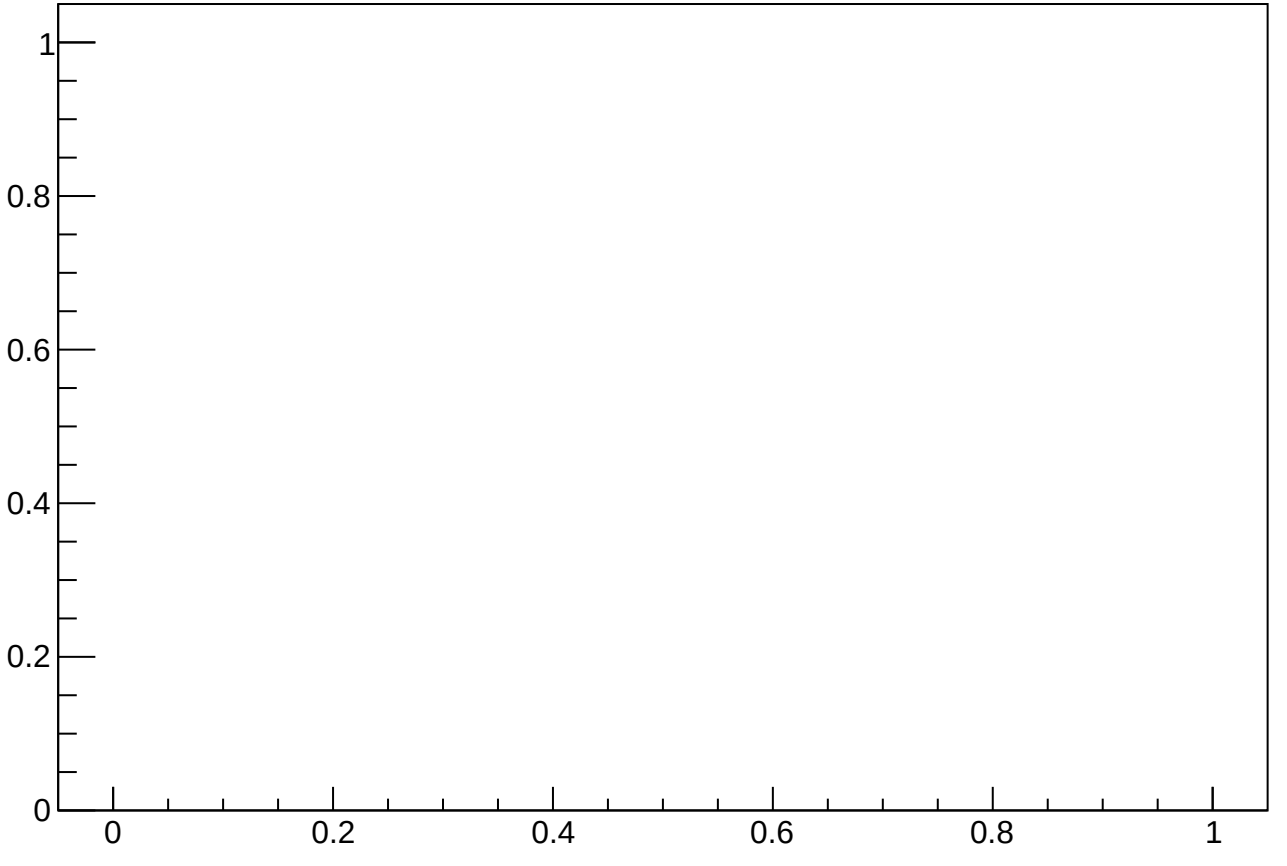
dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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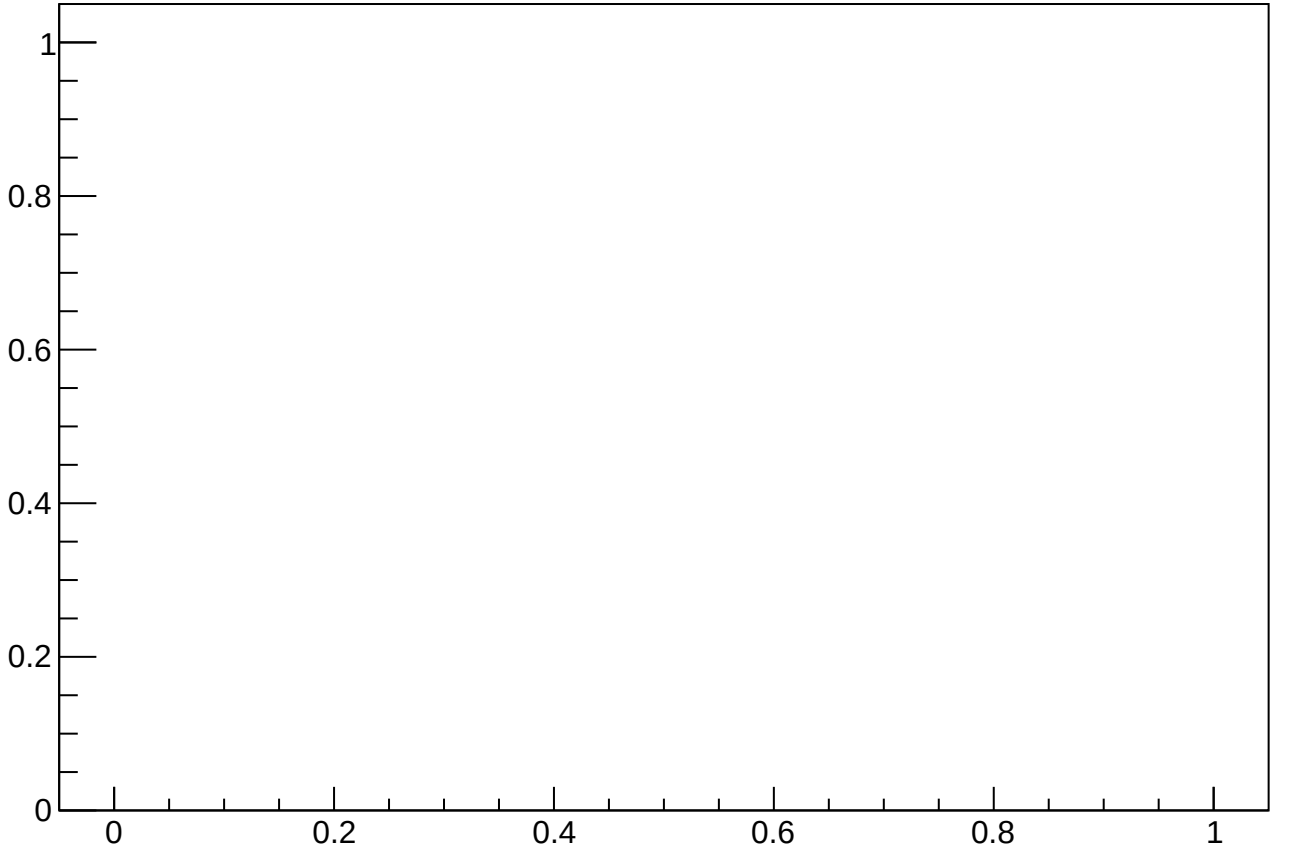
dit_11X12X_coil7_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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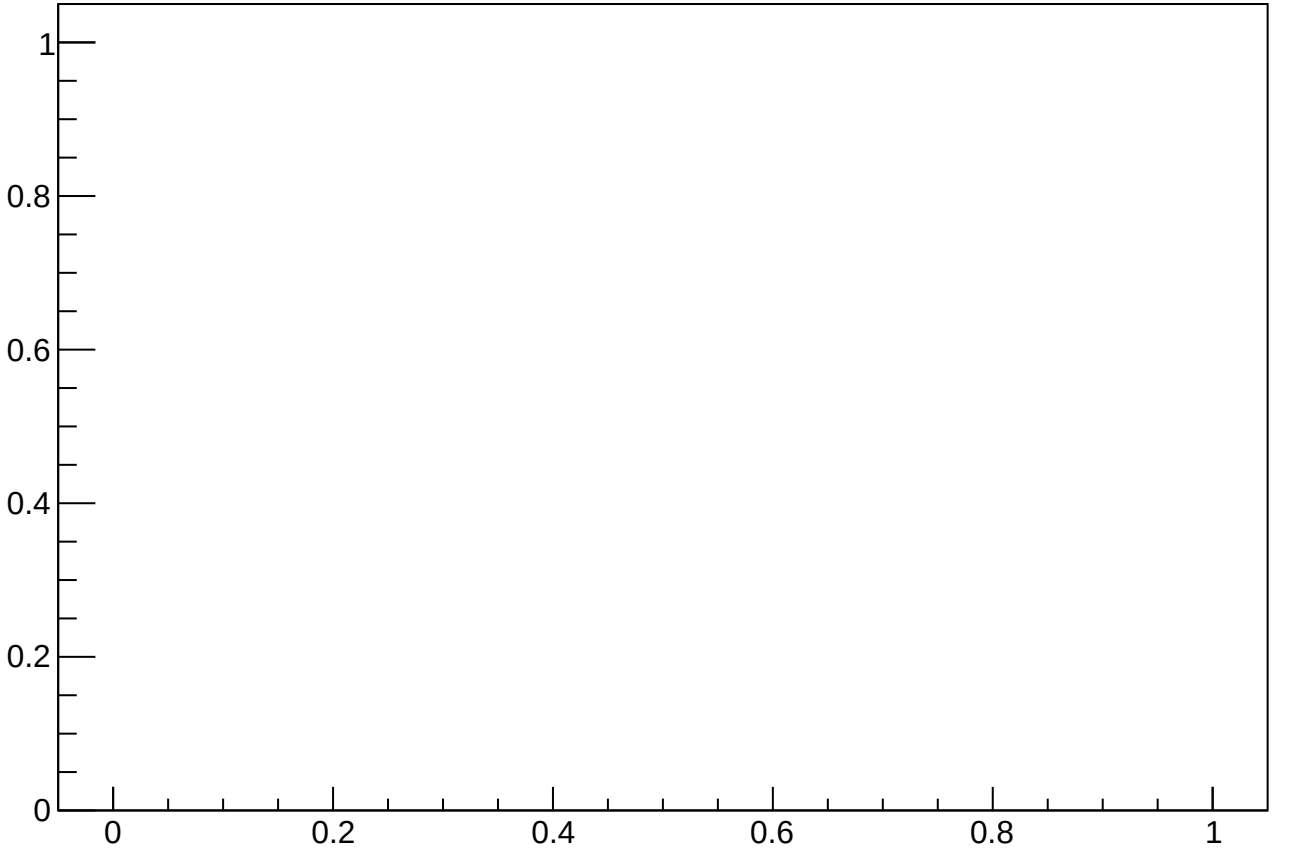
dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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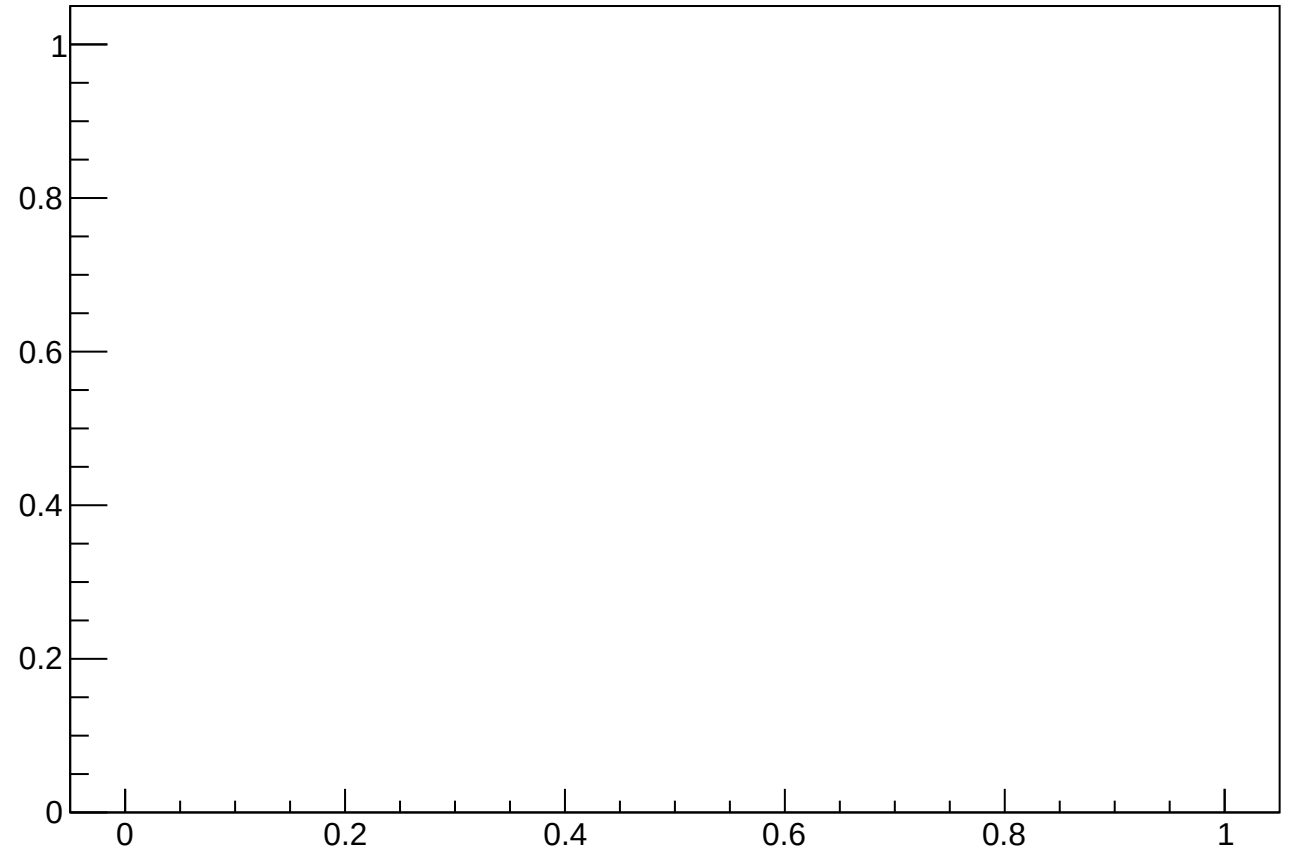

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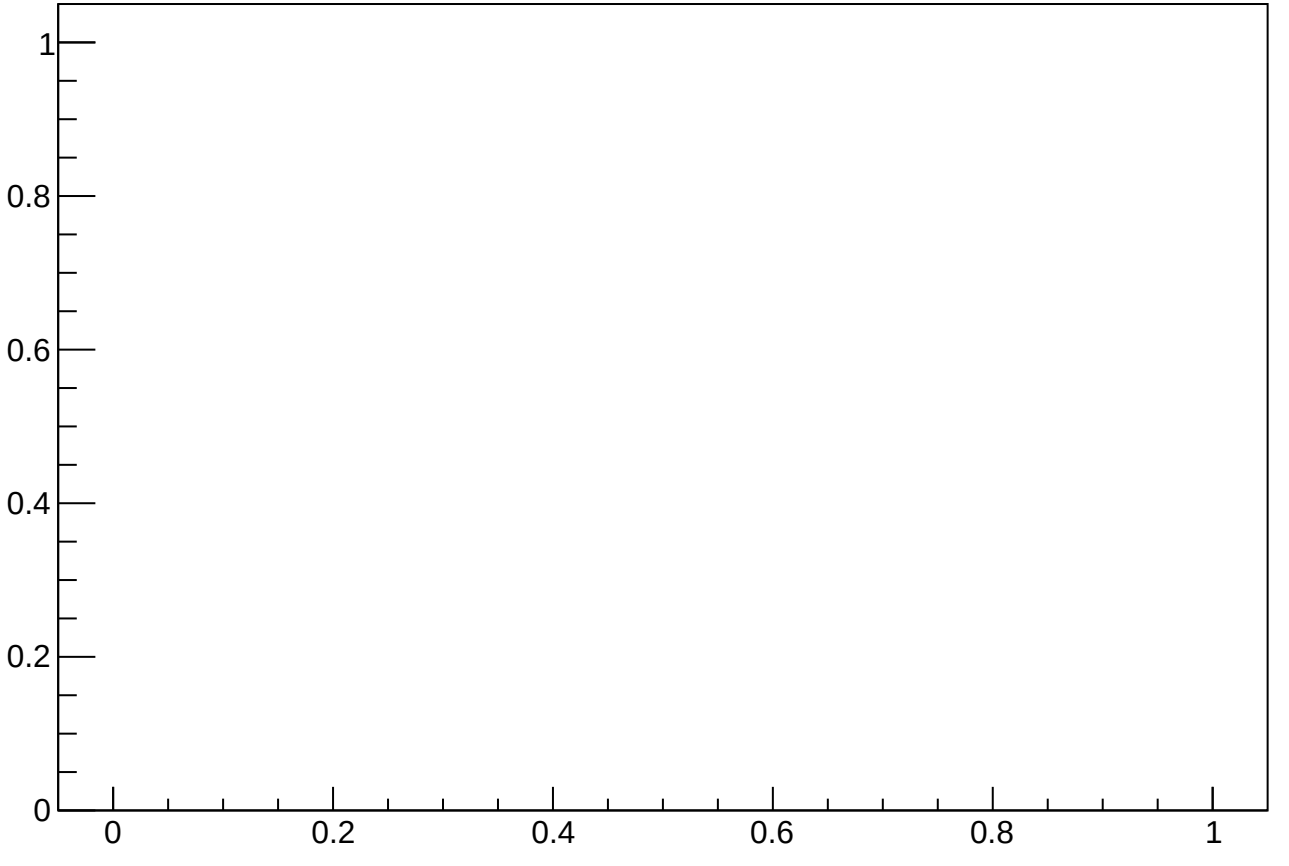
dit_4aY_coil7_mean vs Slug, Sign Corrected



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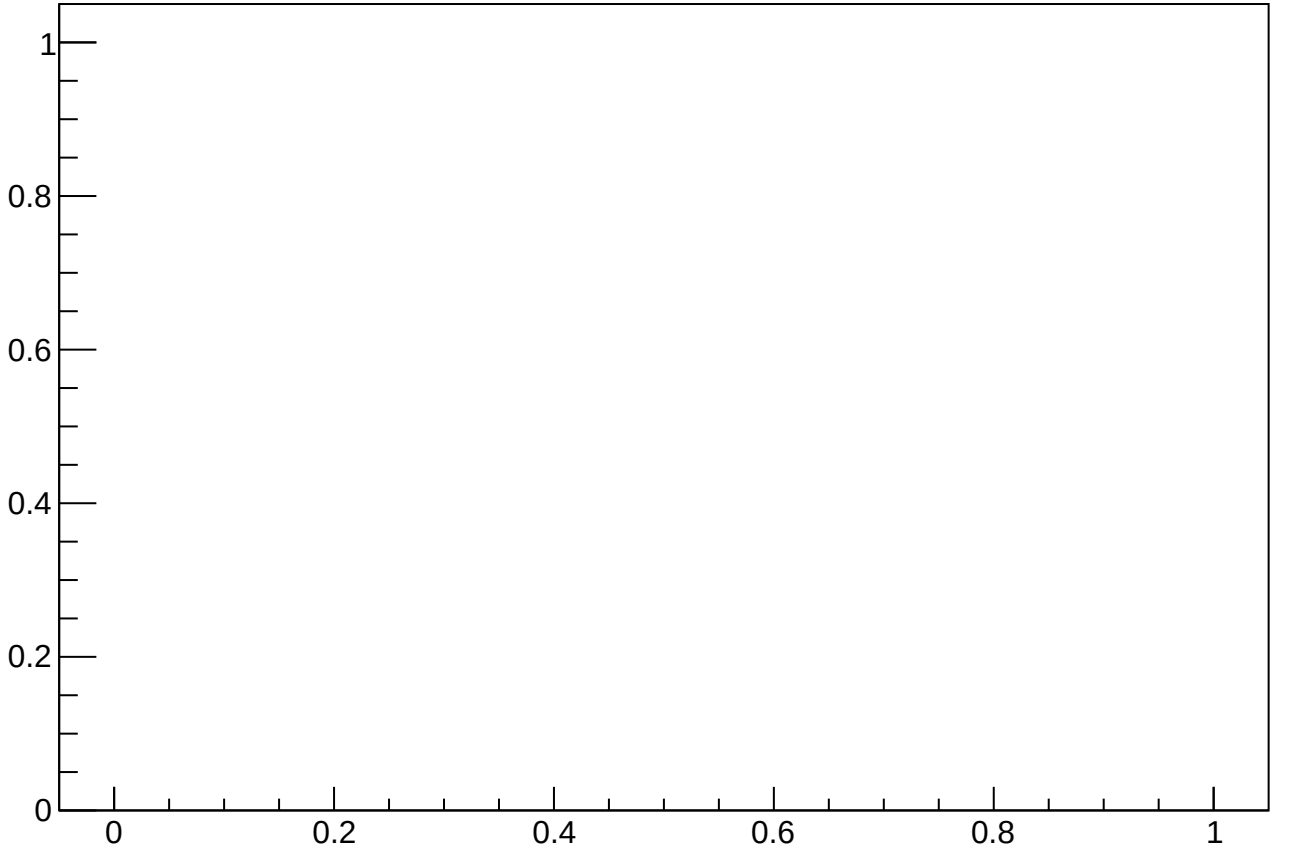
dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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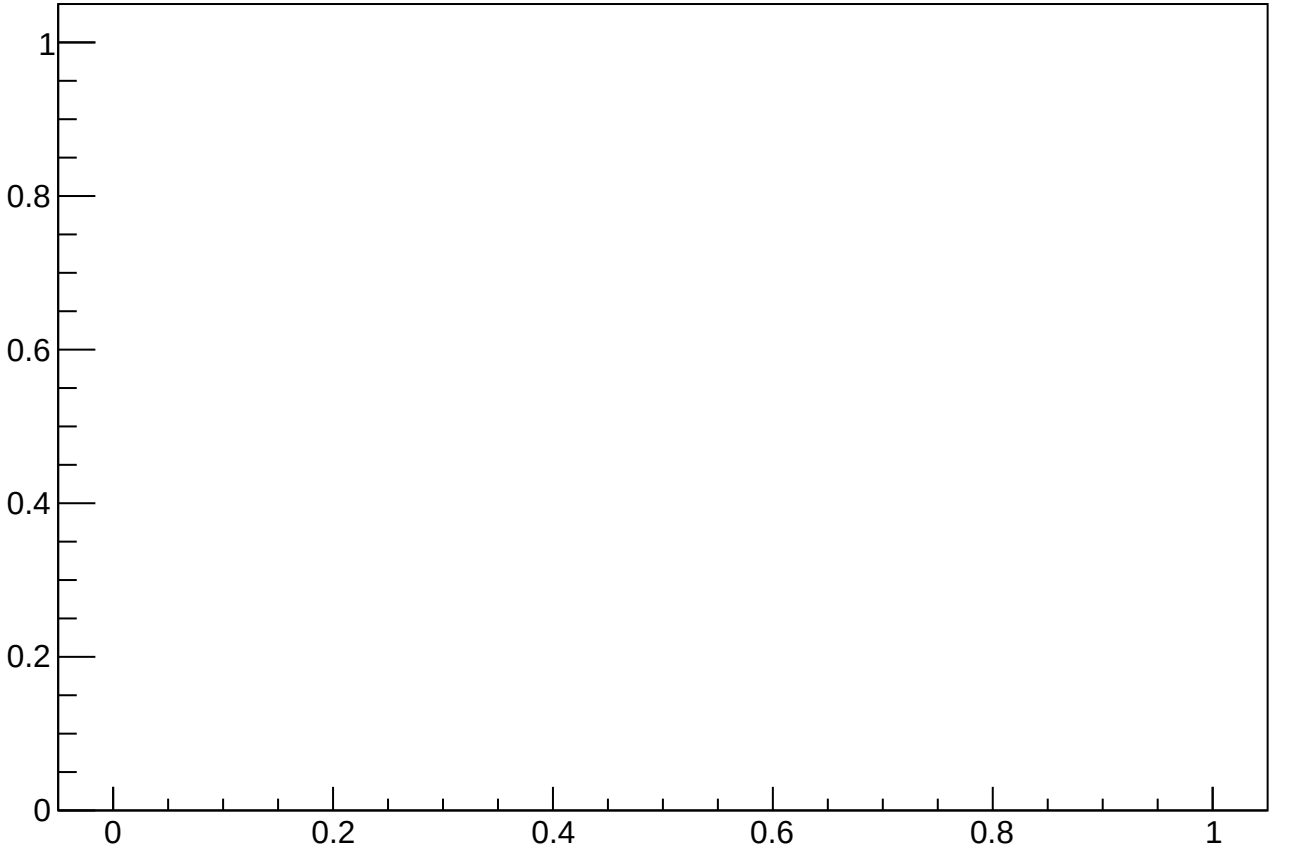
dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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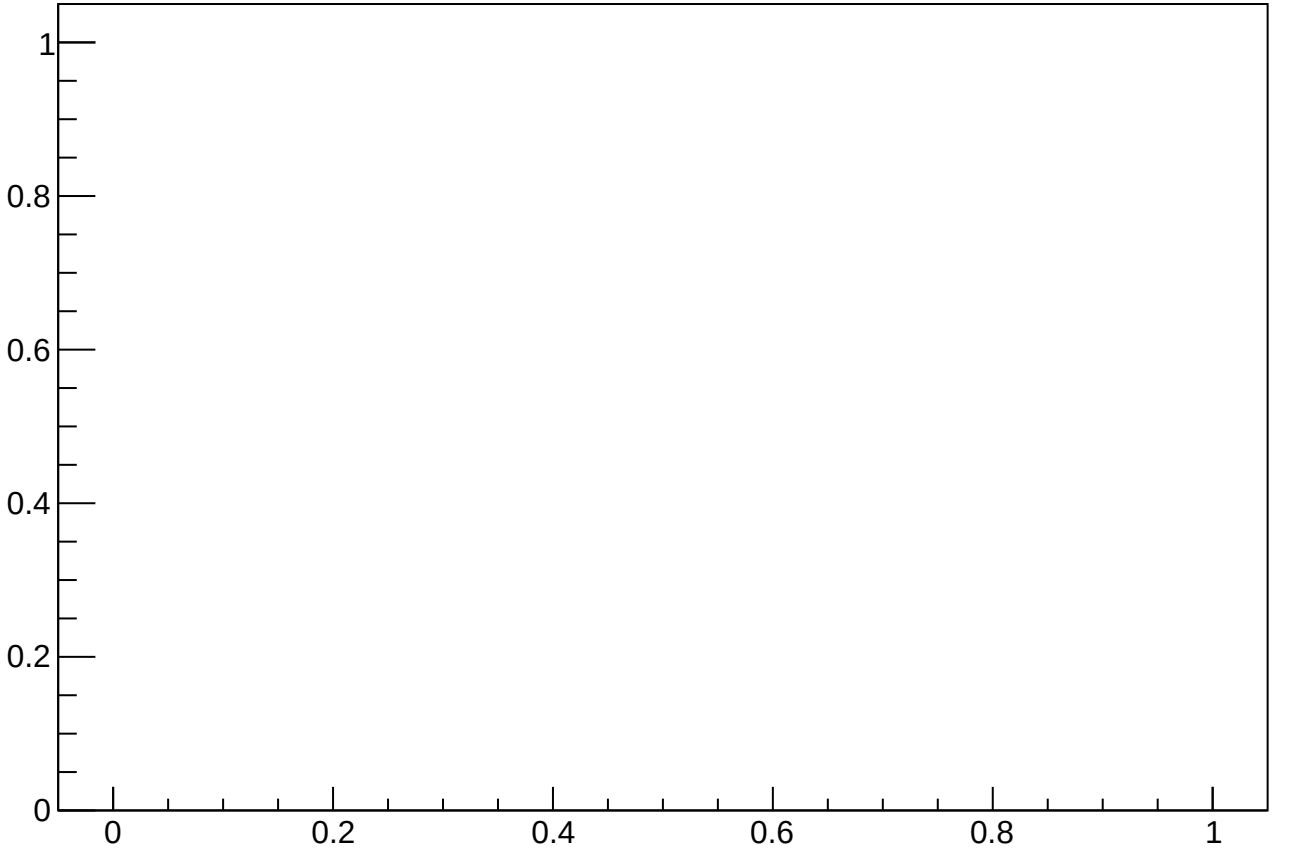
dit_4eY_coil7_mean vs Slug, Sign Corrected



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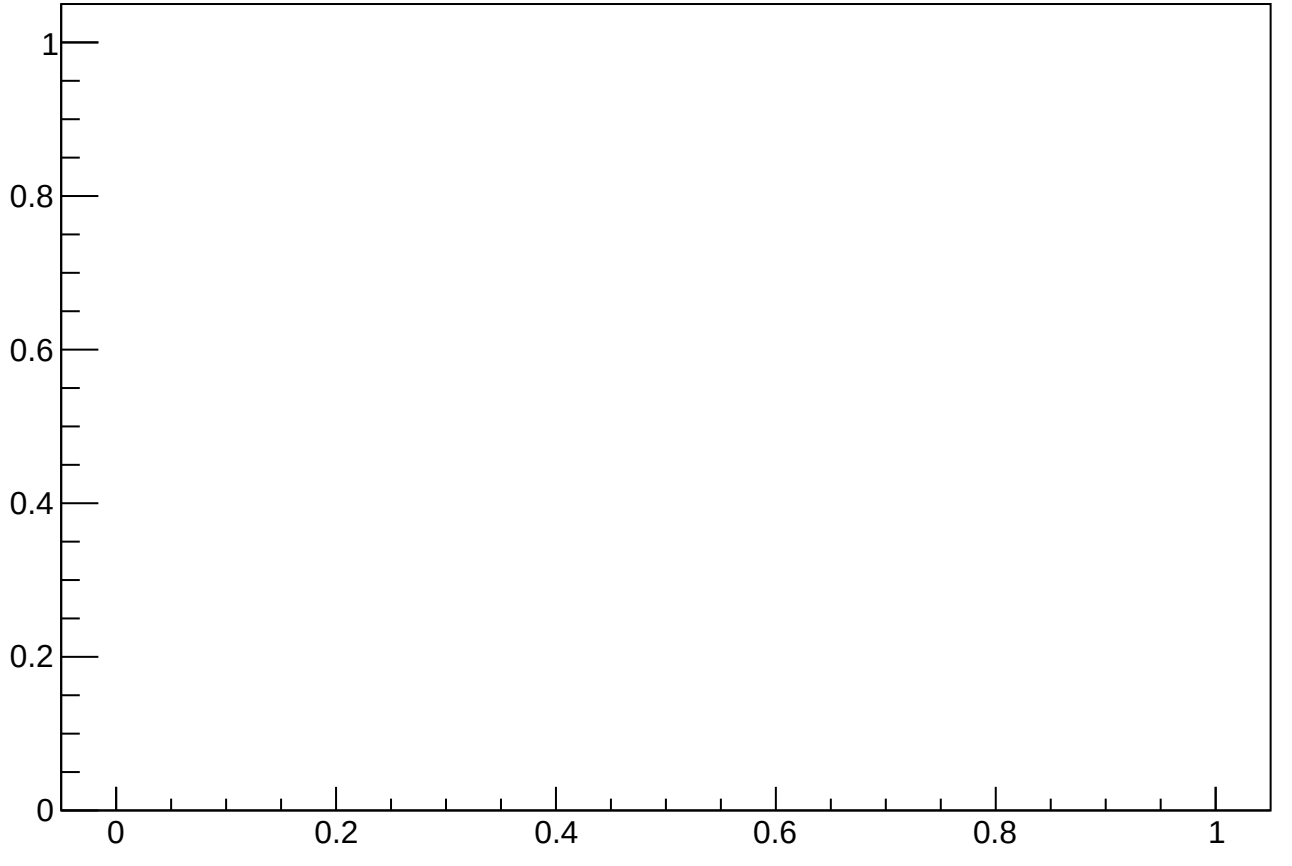
dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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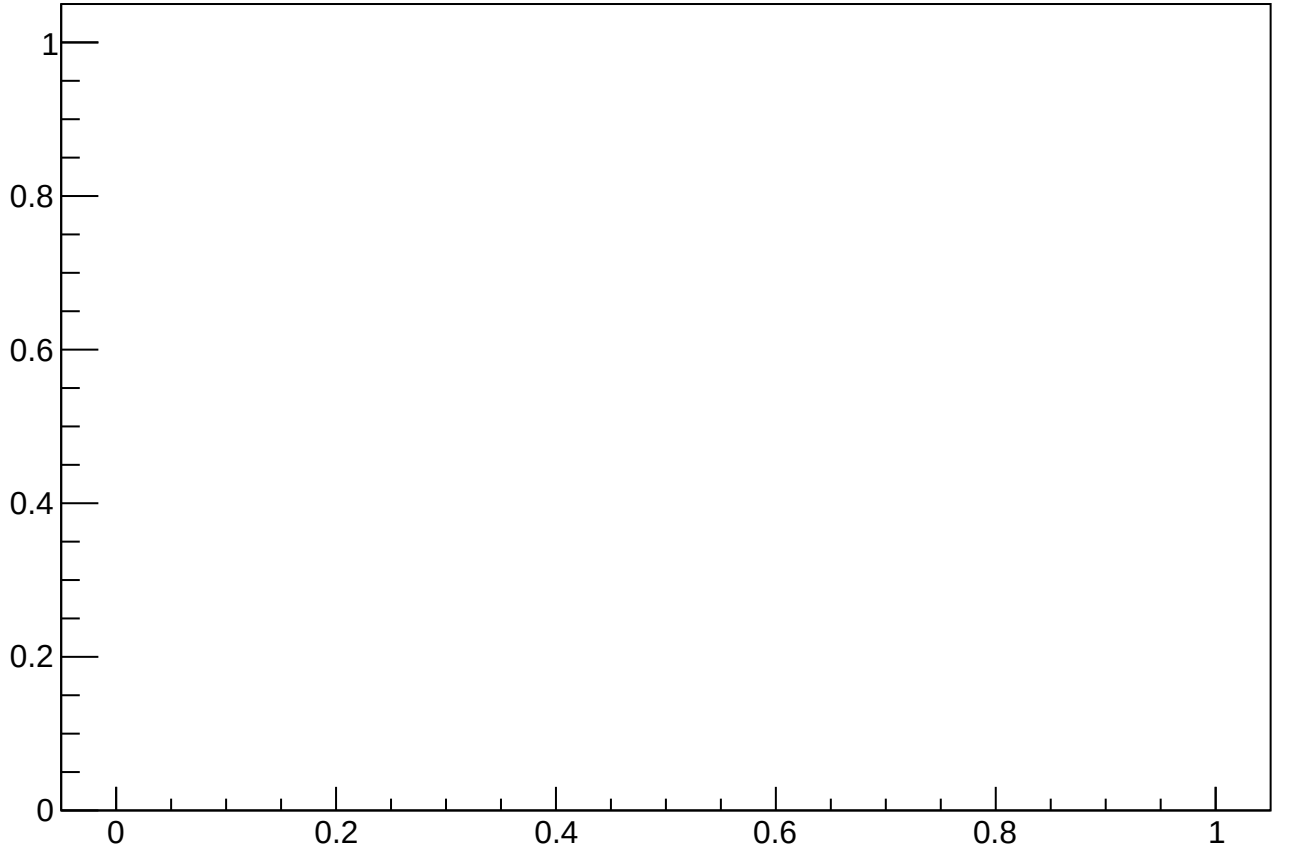
dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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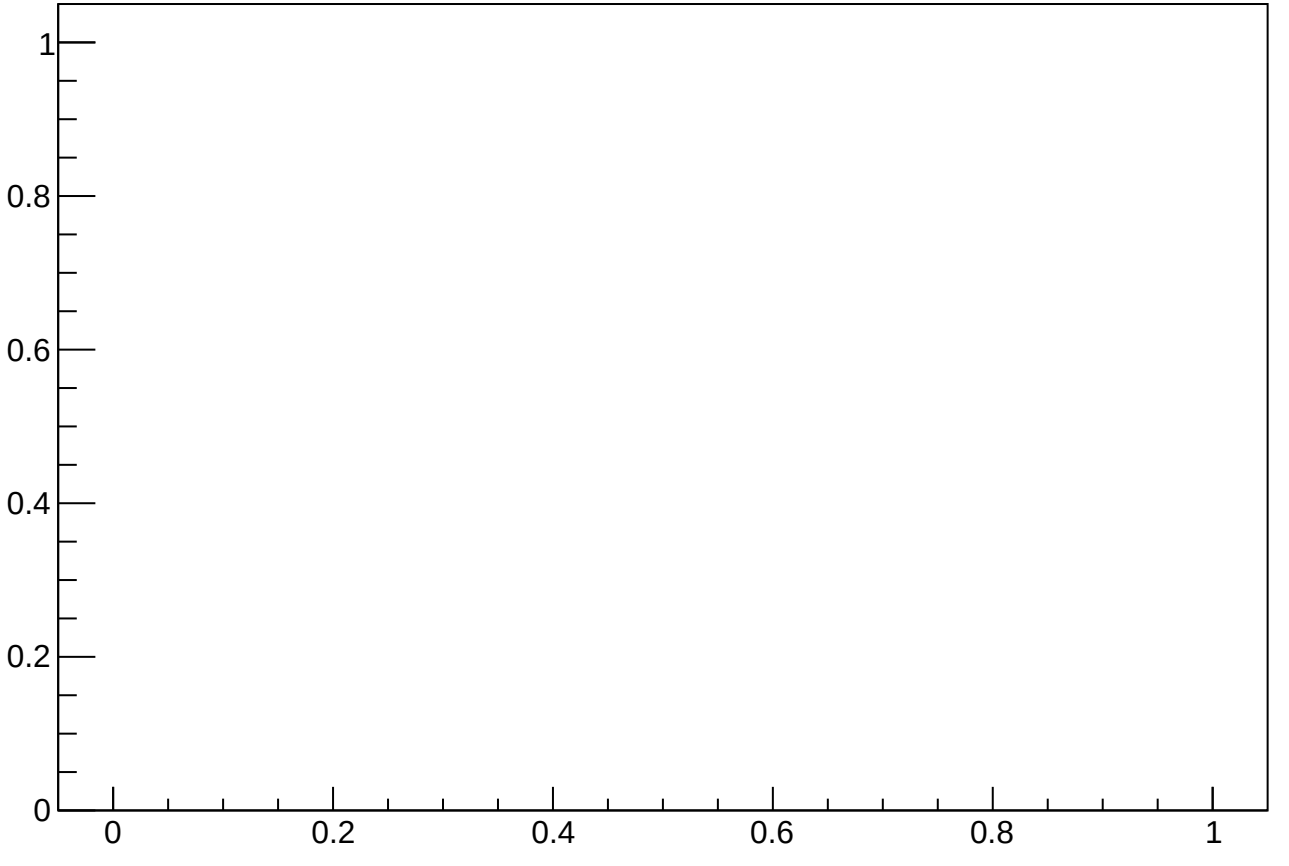
dit_usl_coil7_mean vs Slug, Sign Corrected



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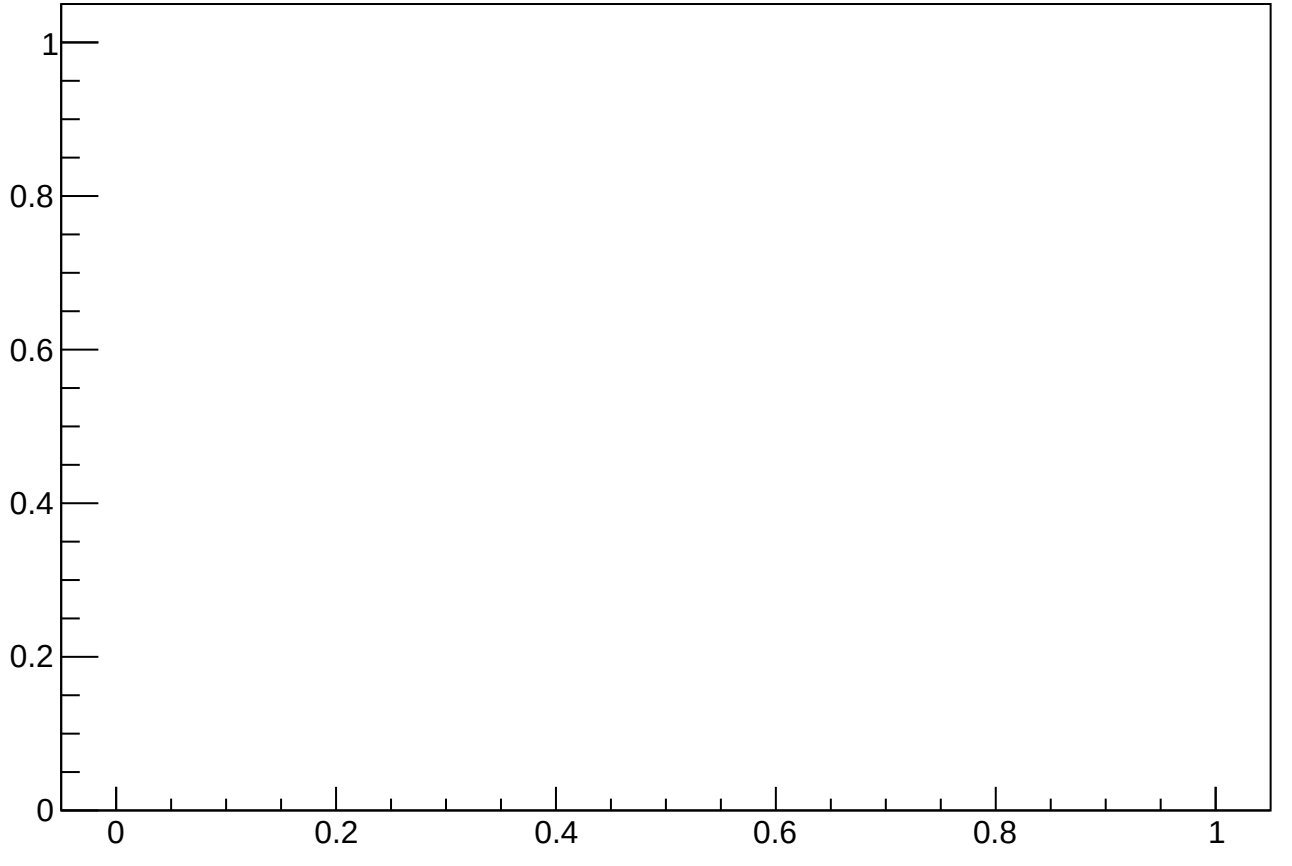
dit_usl_coil7_err_mean vs Slug, Sign Corrected



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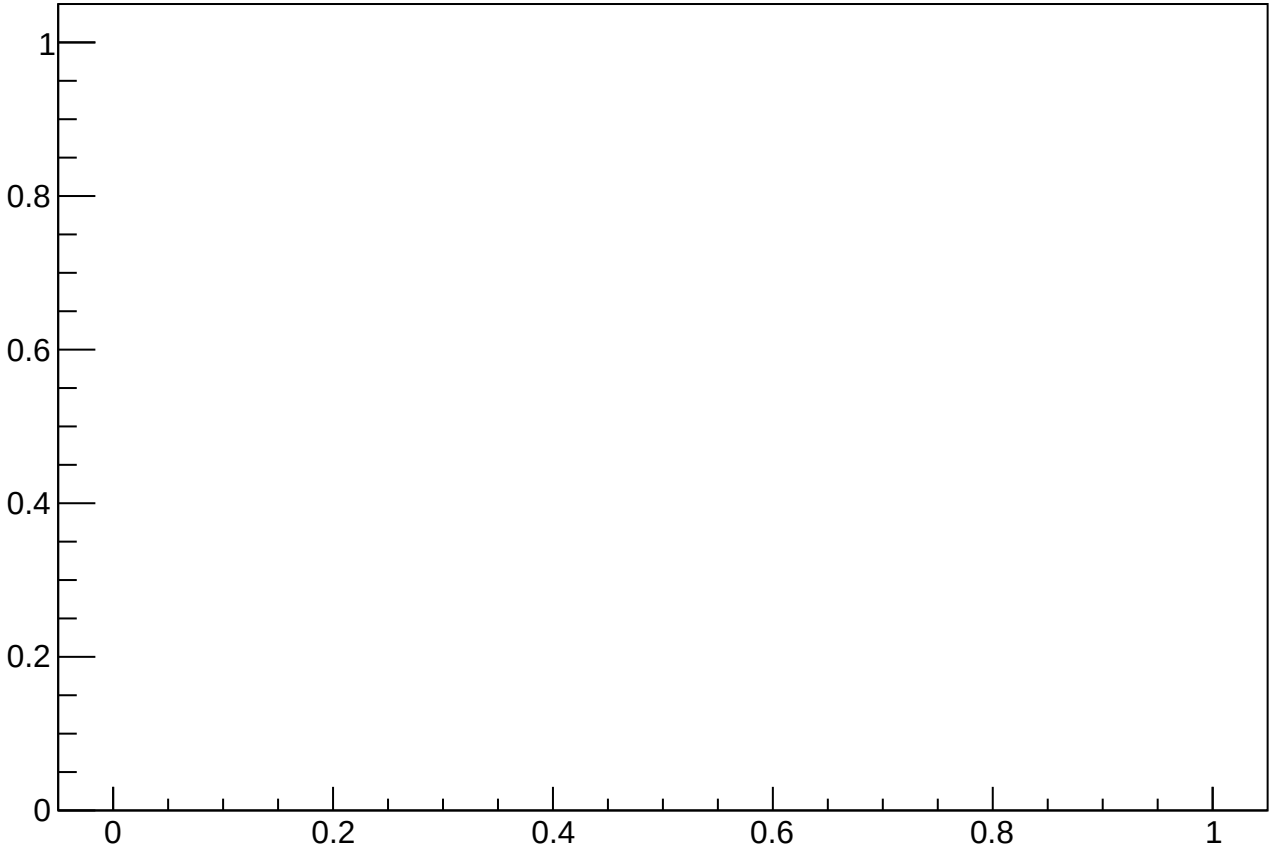
dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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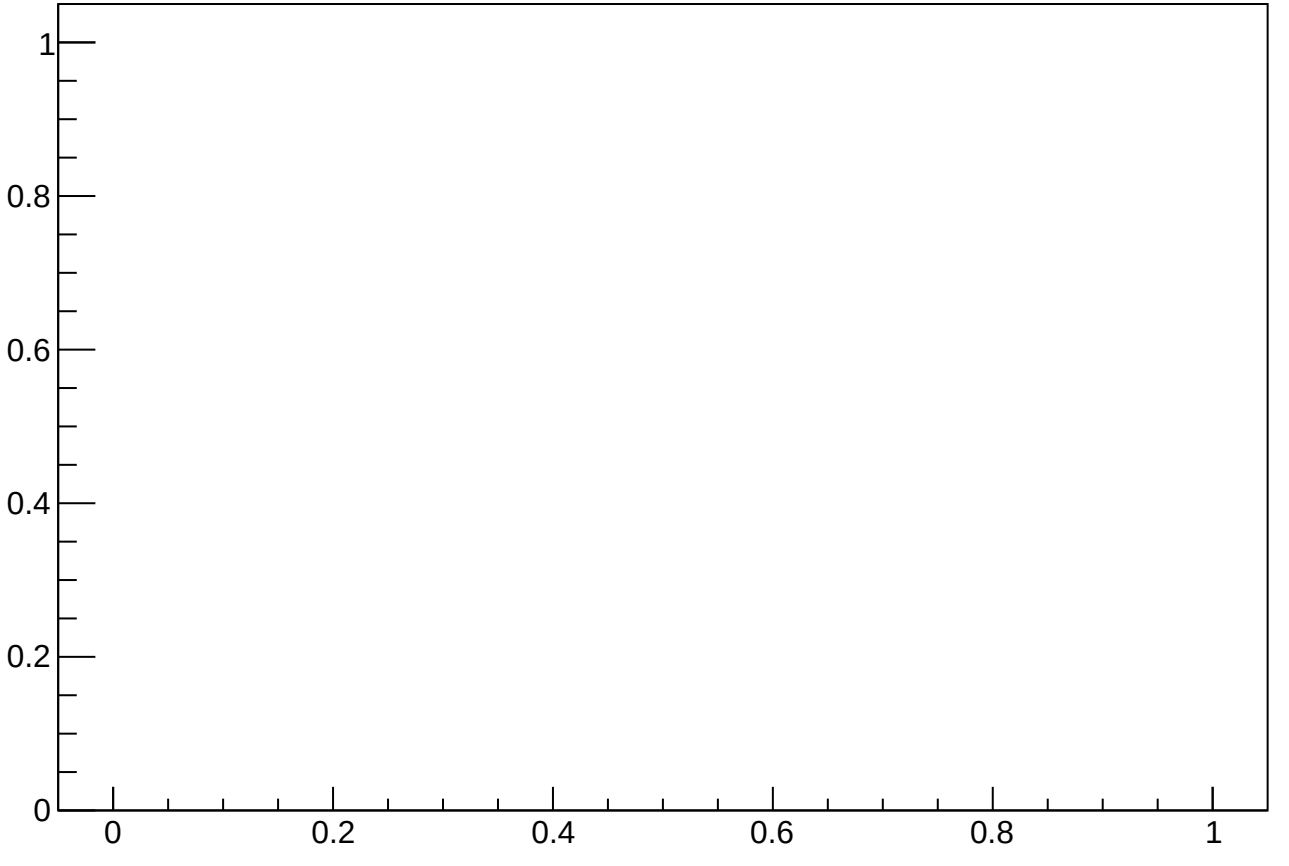
dit_usr_coil7_mean vs Slug, Sign Corrected



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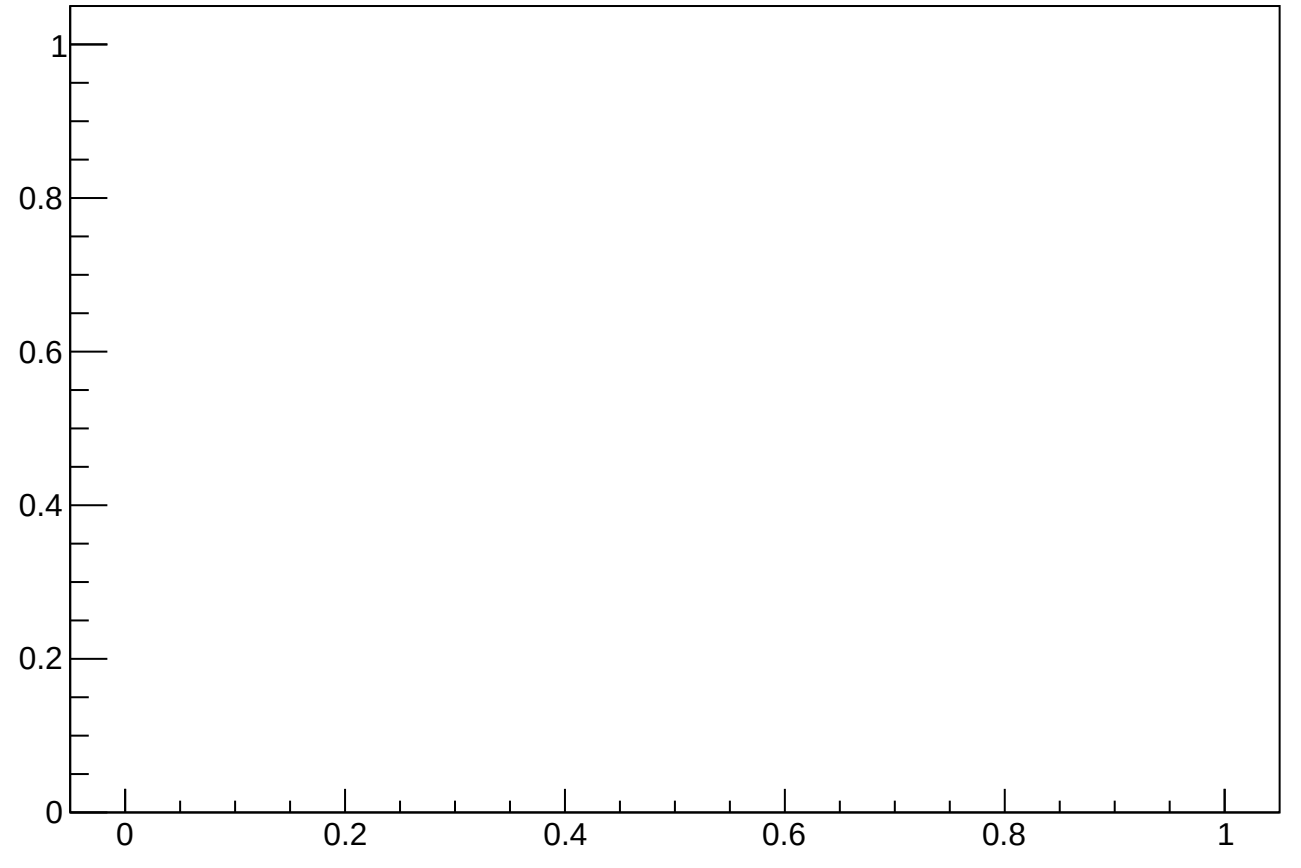

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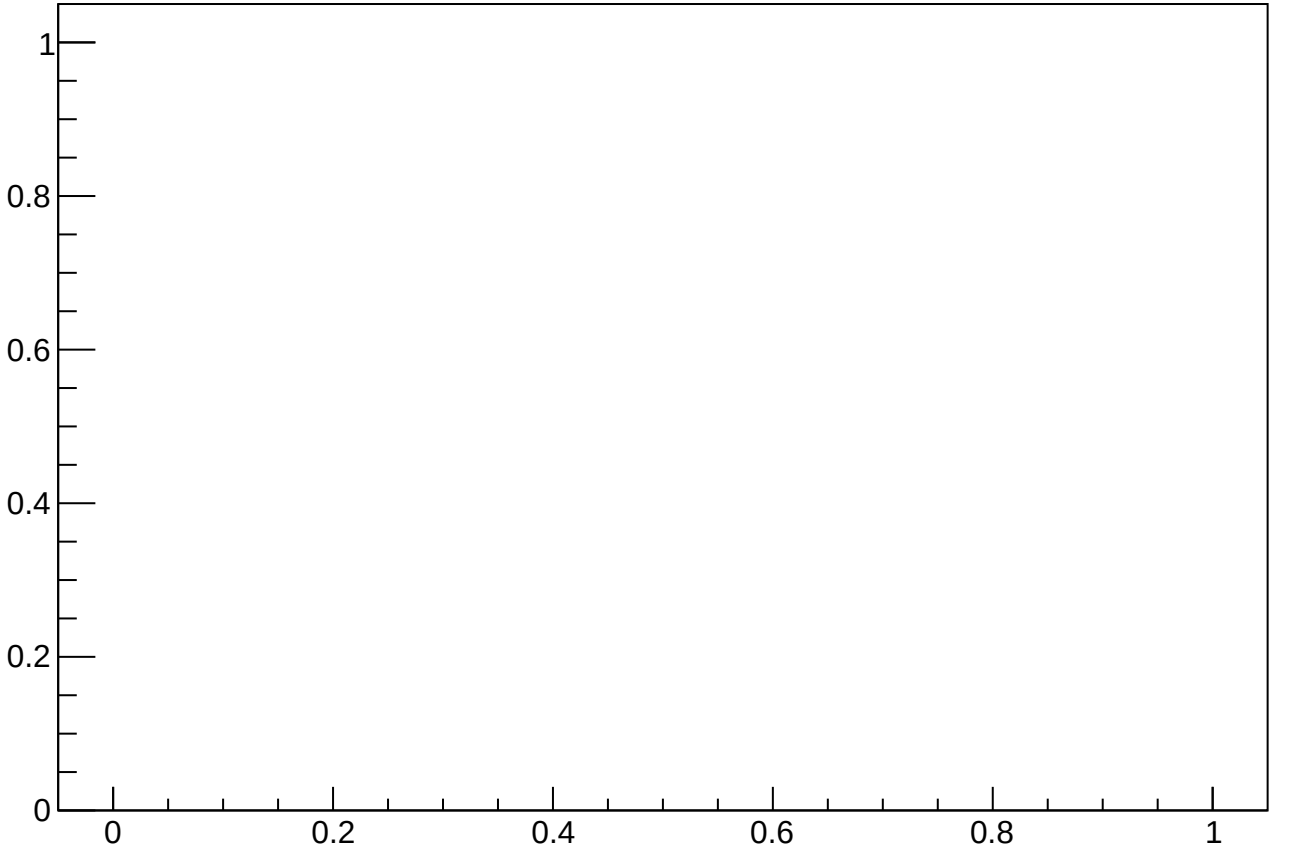
dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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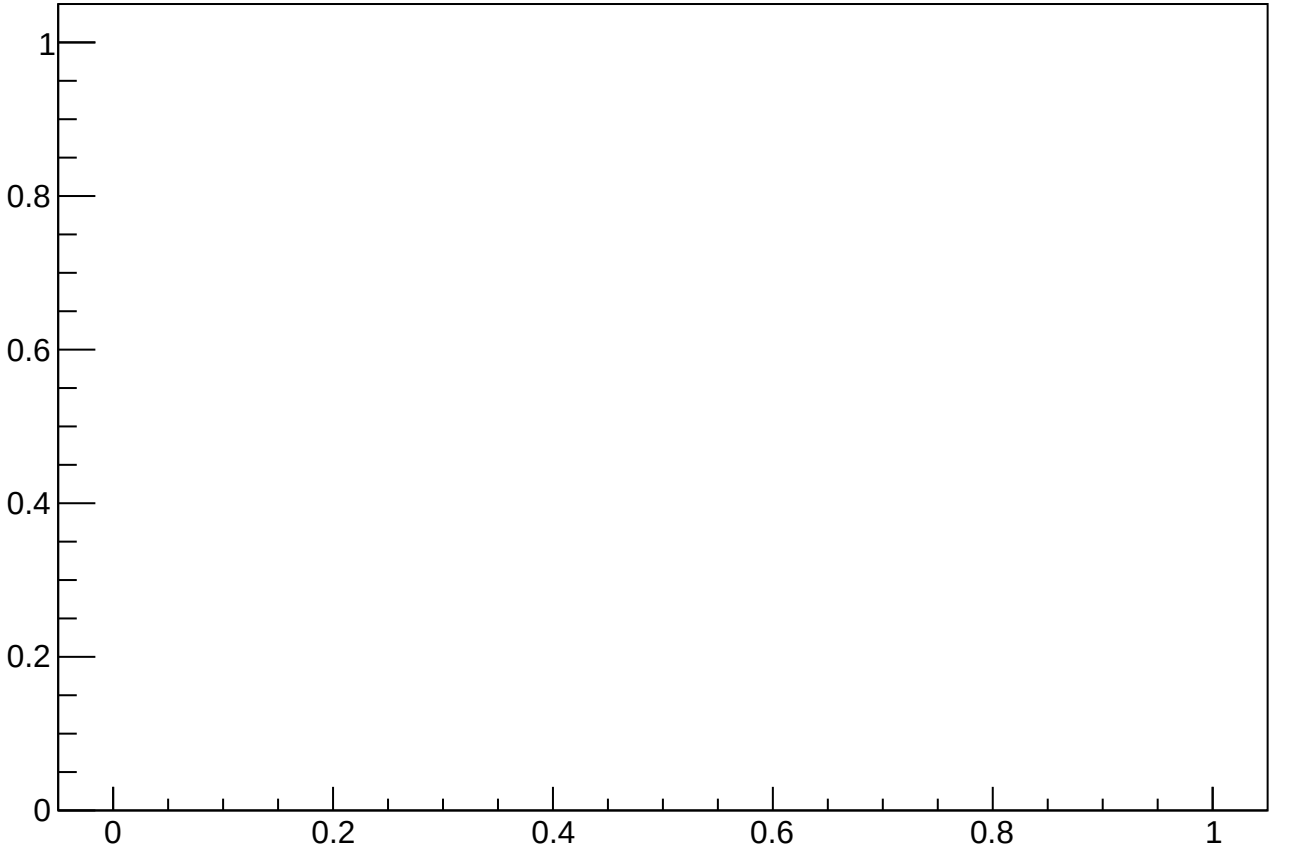
dit_atl1_coil7_mean vs Slug, Sign Corrected



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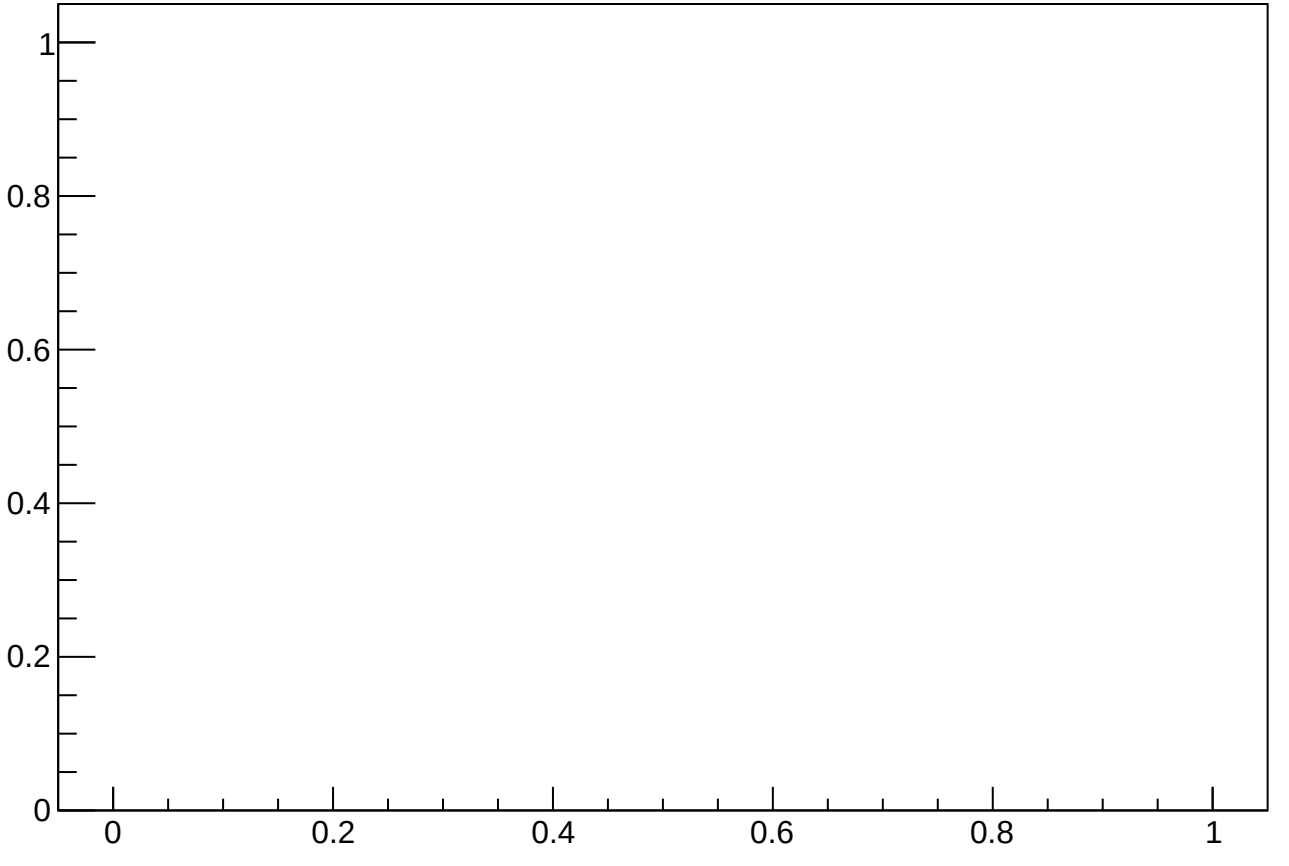
dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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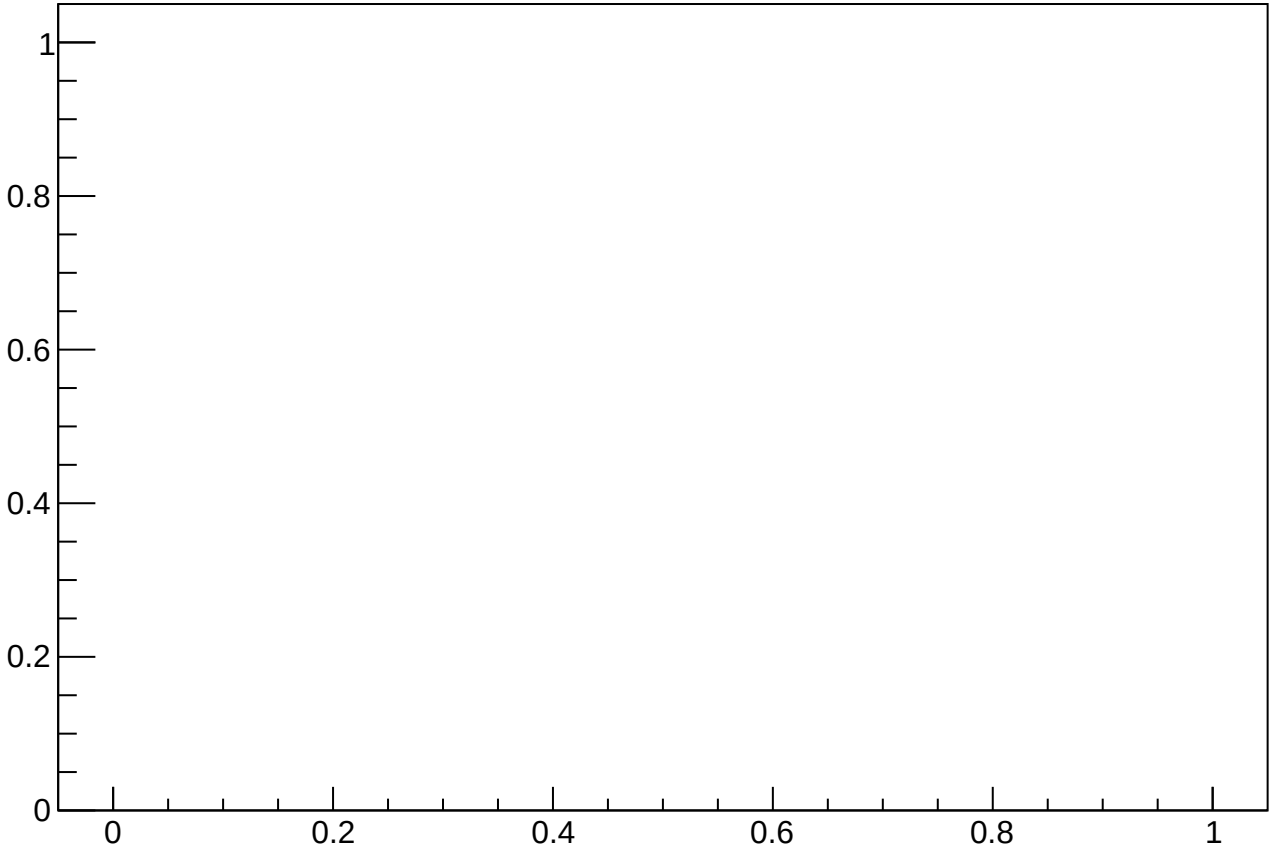
dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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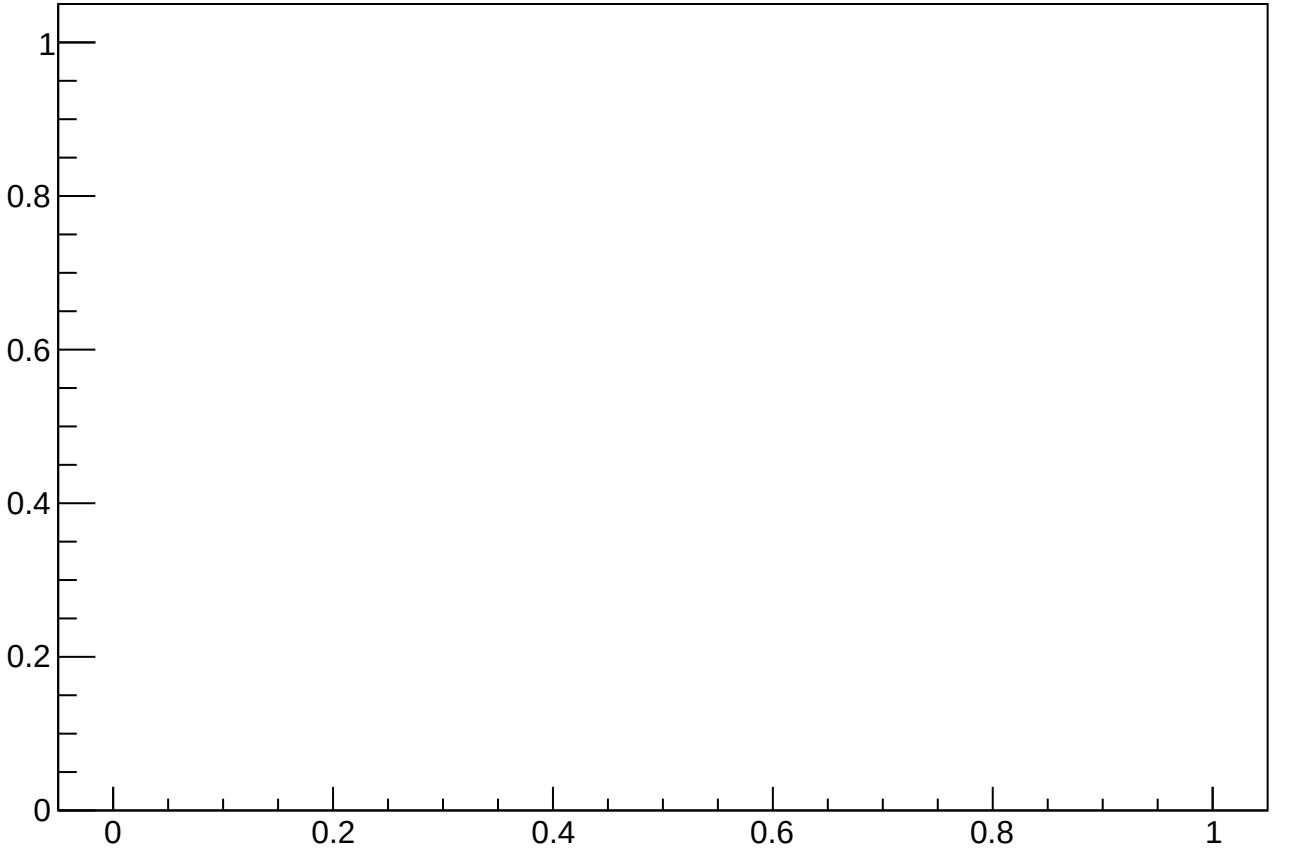
dit_atl2_coil7_mean vs Slug, Sign Corrected



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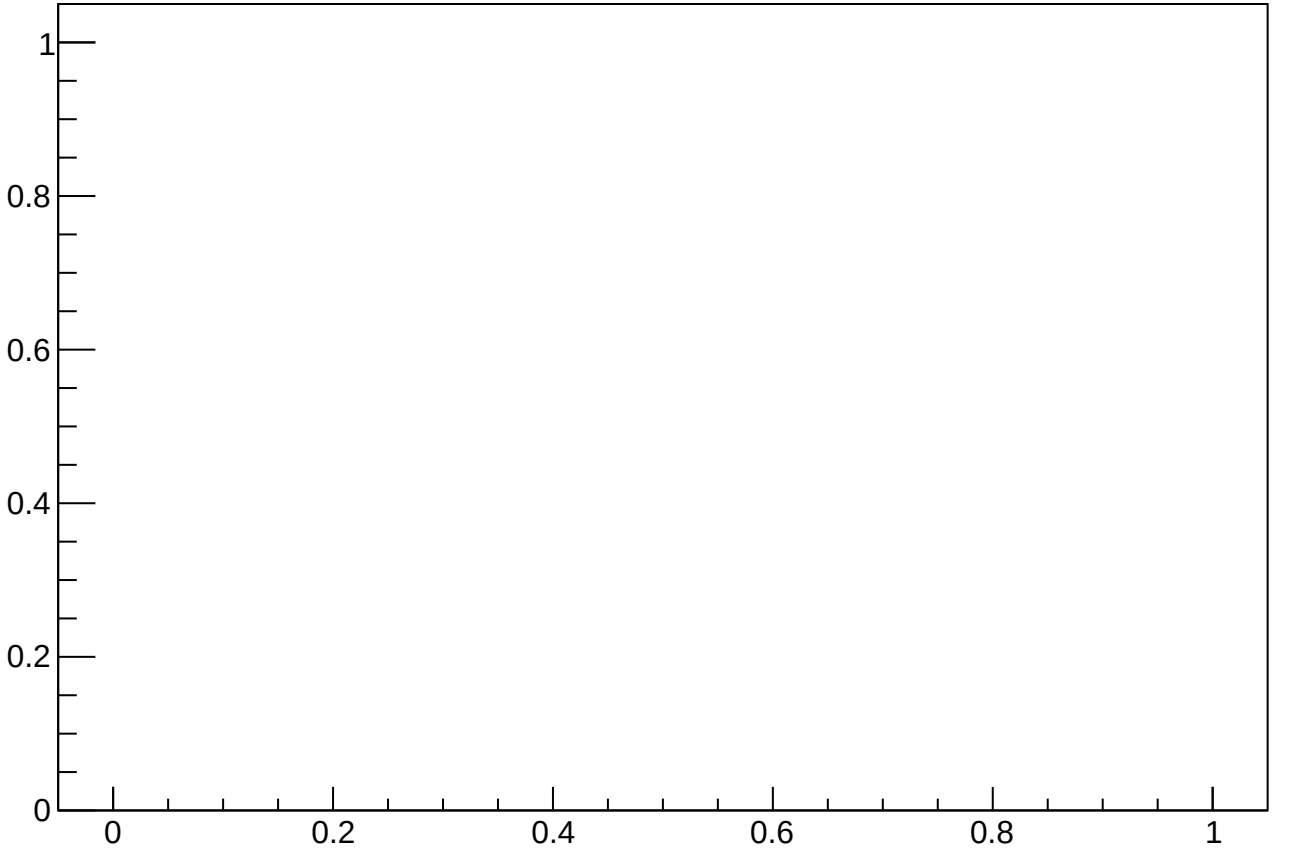
dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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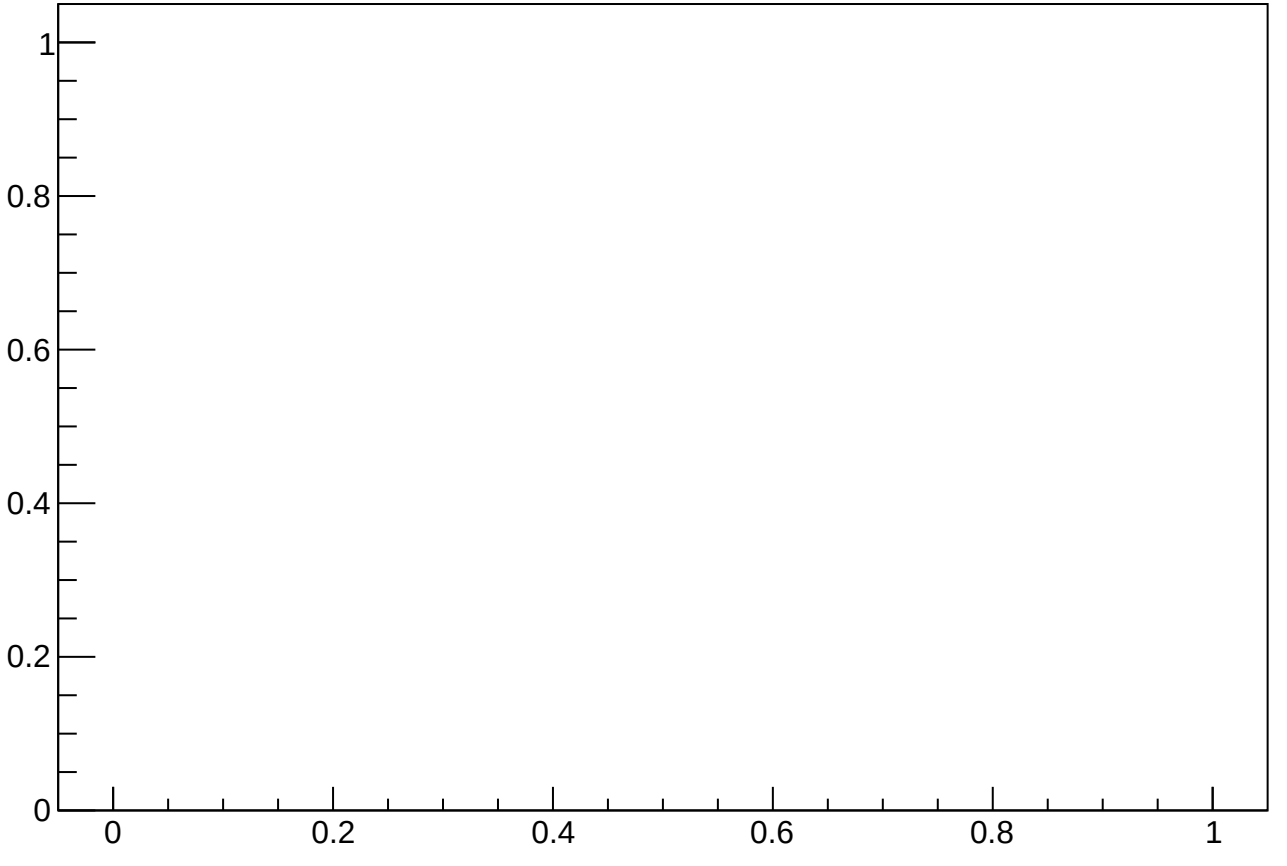
dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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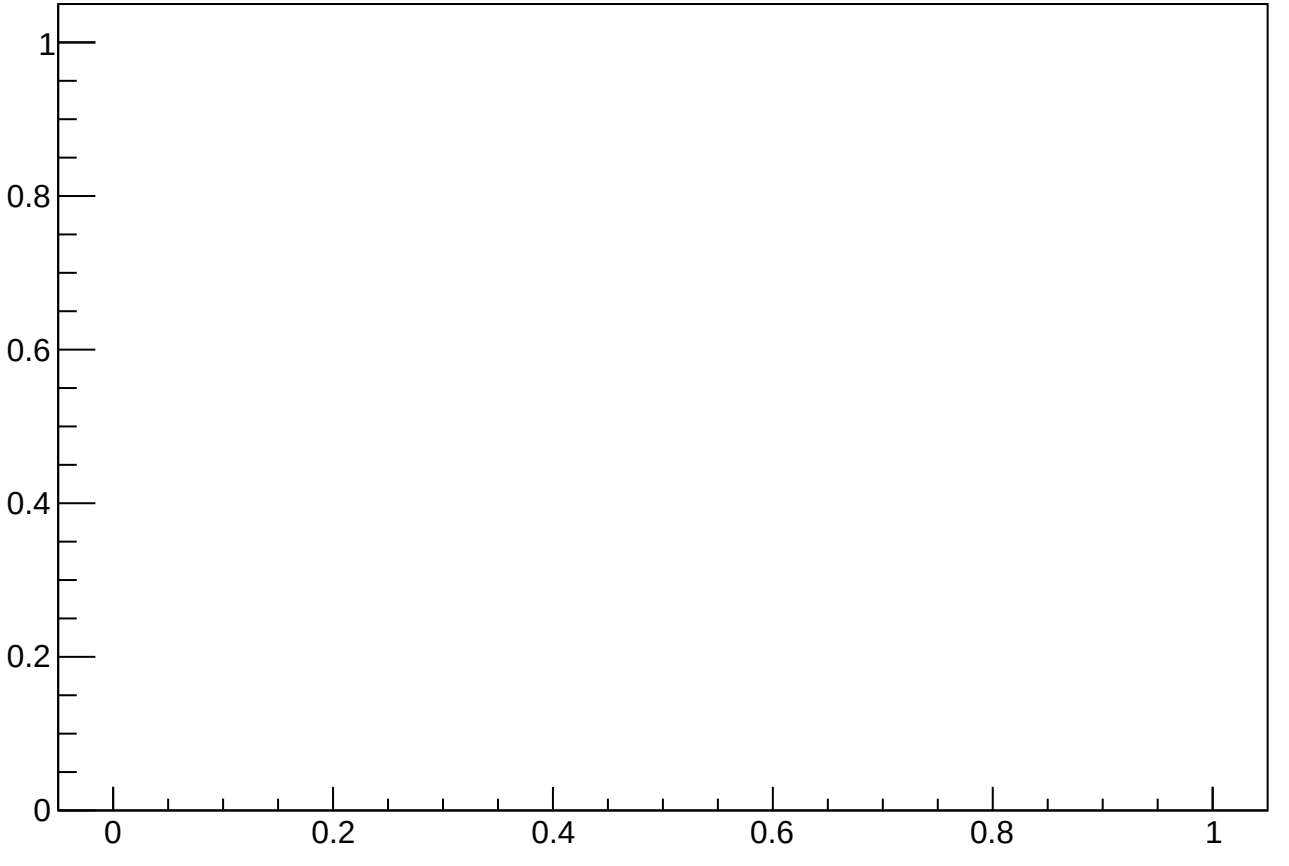

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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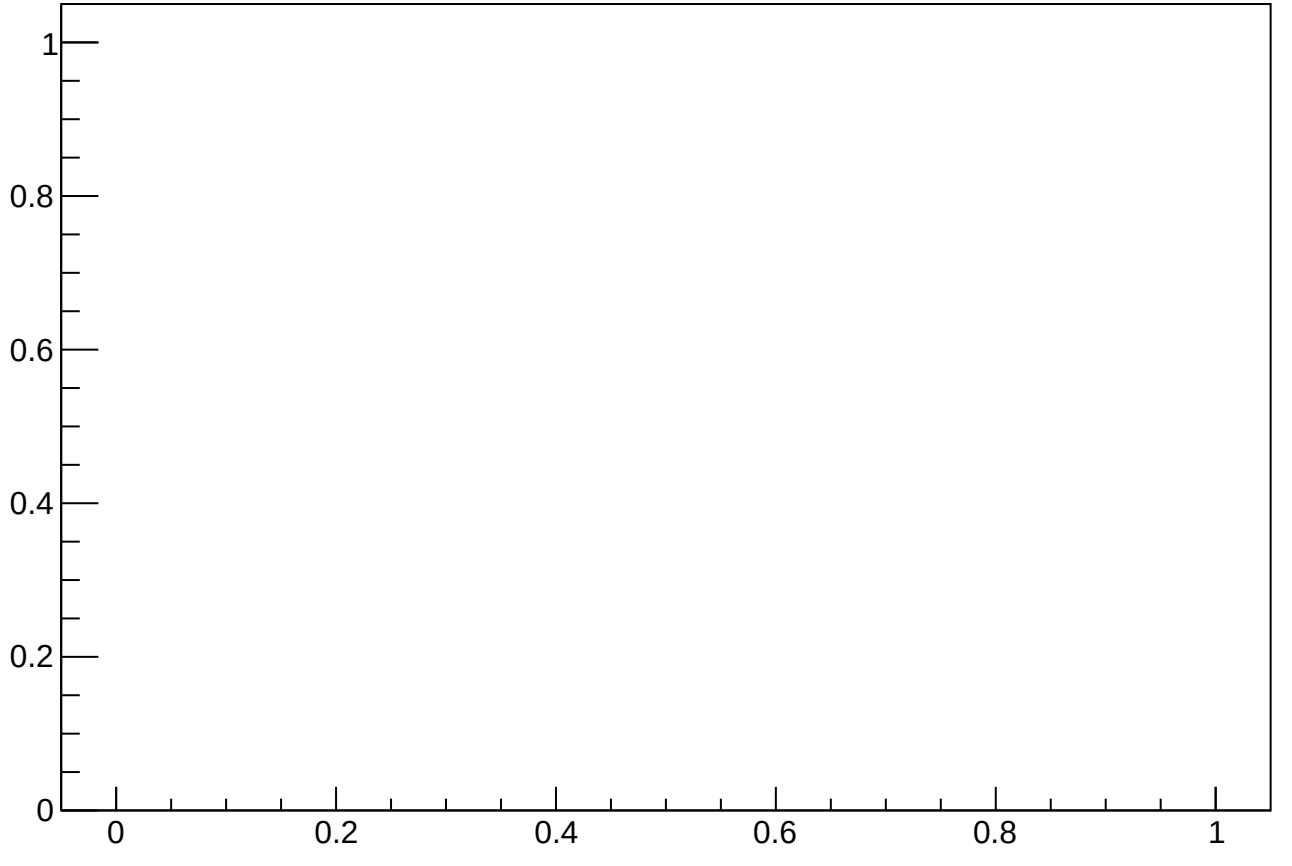
dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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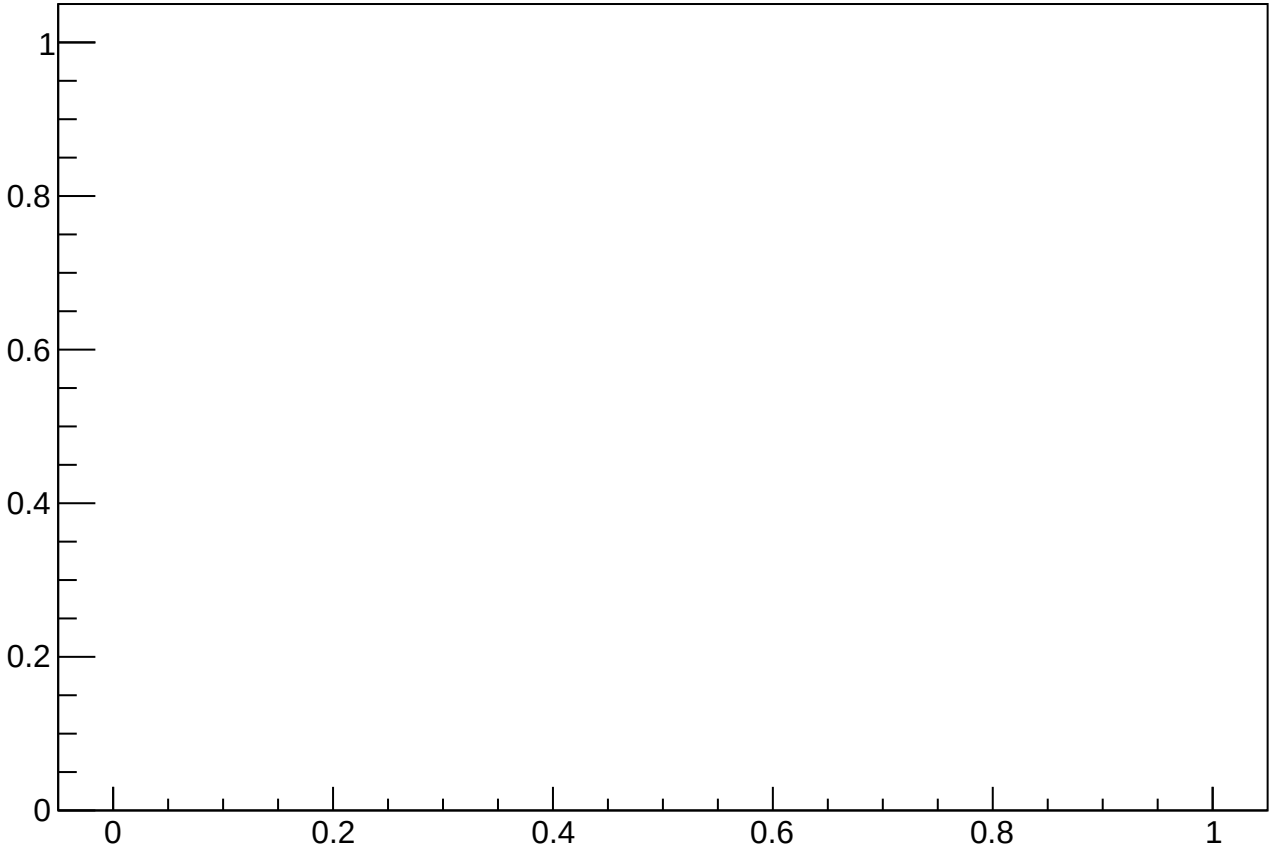
dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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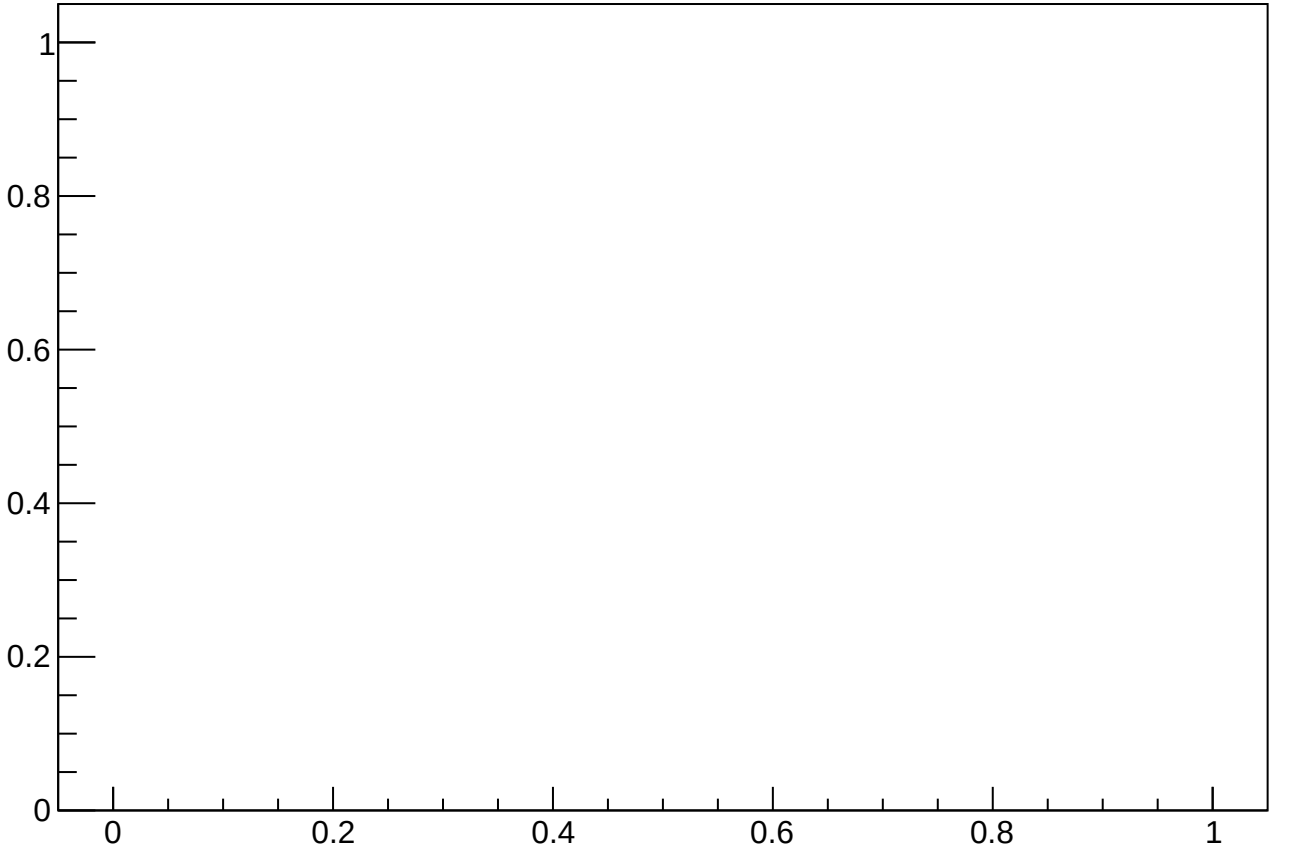
dit_atr2_coil7_mean vs Slug, Sign Corrected



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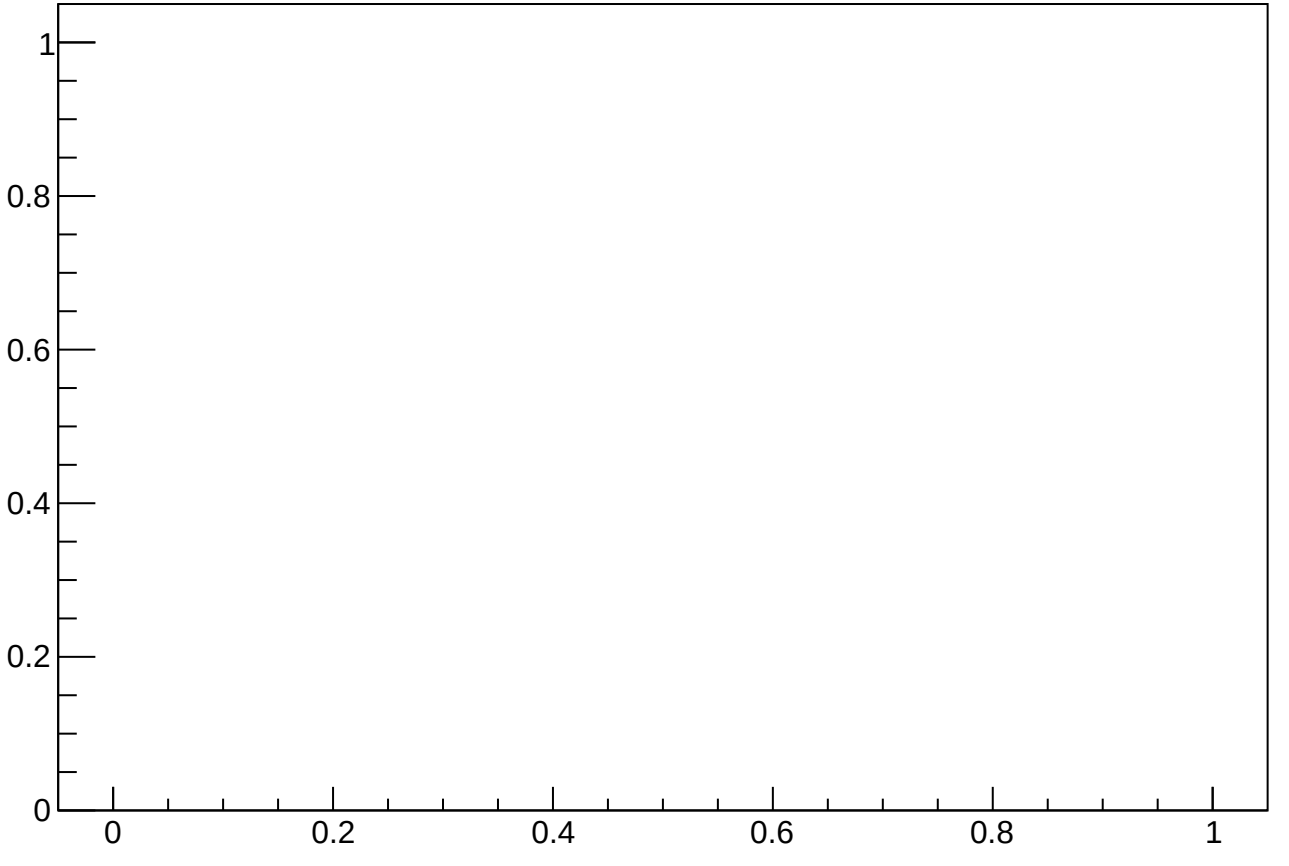
dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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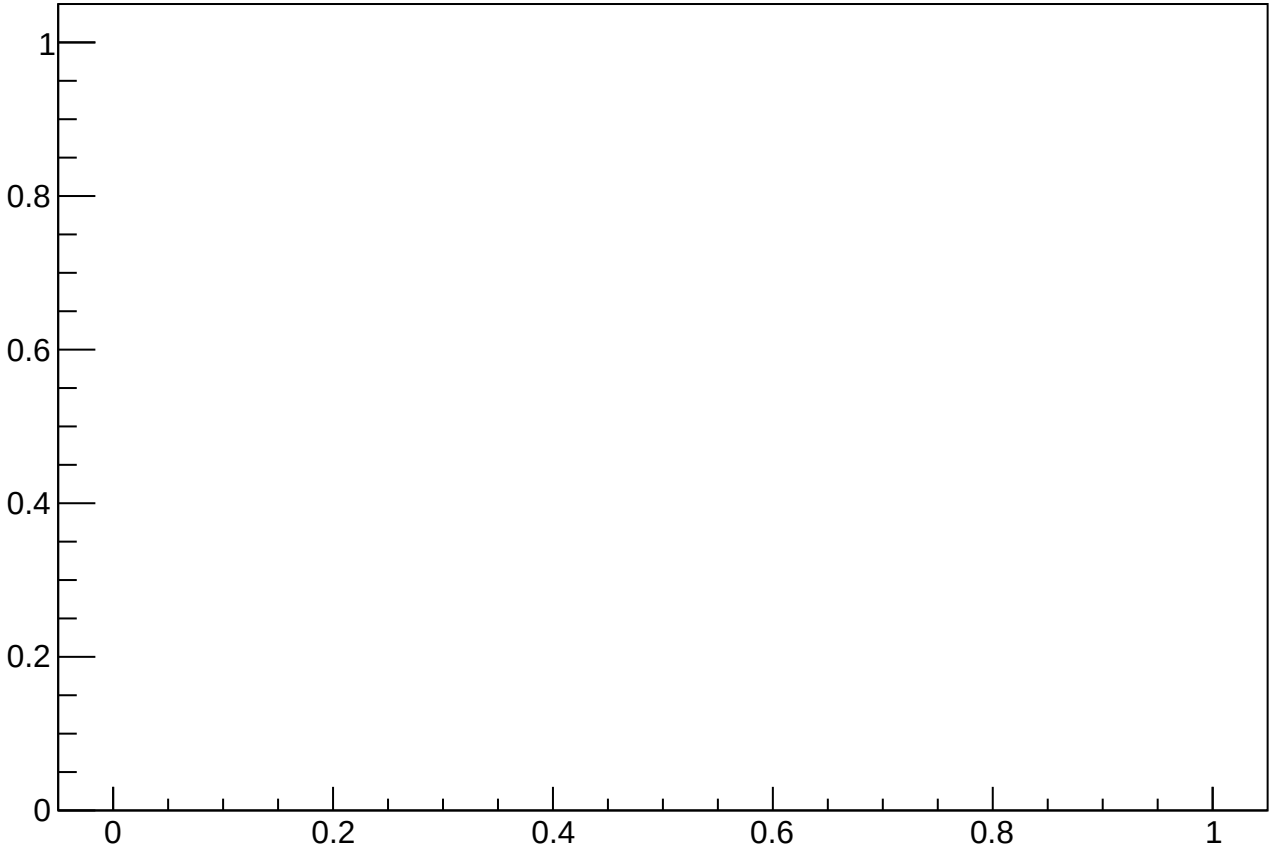
dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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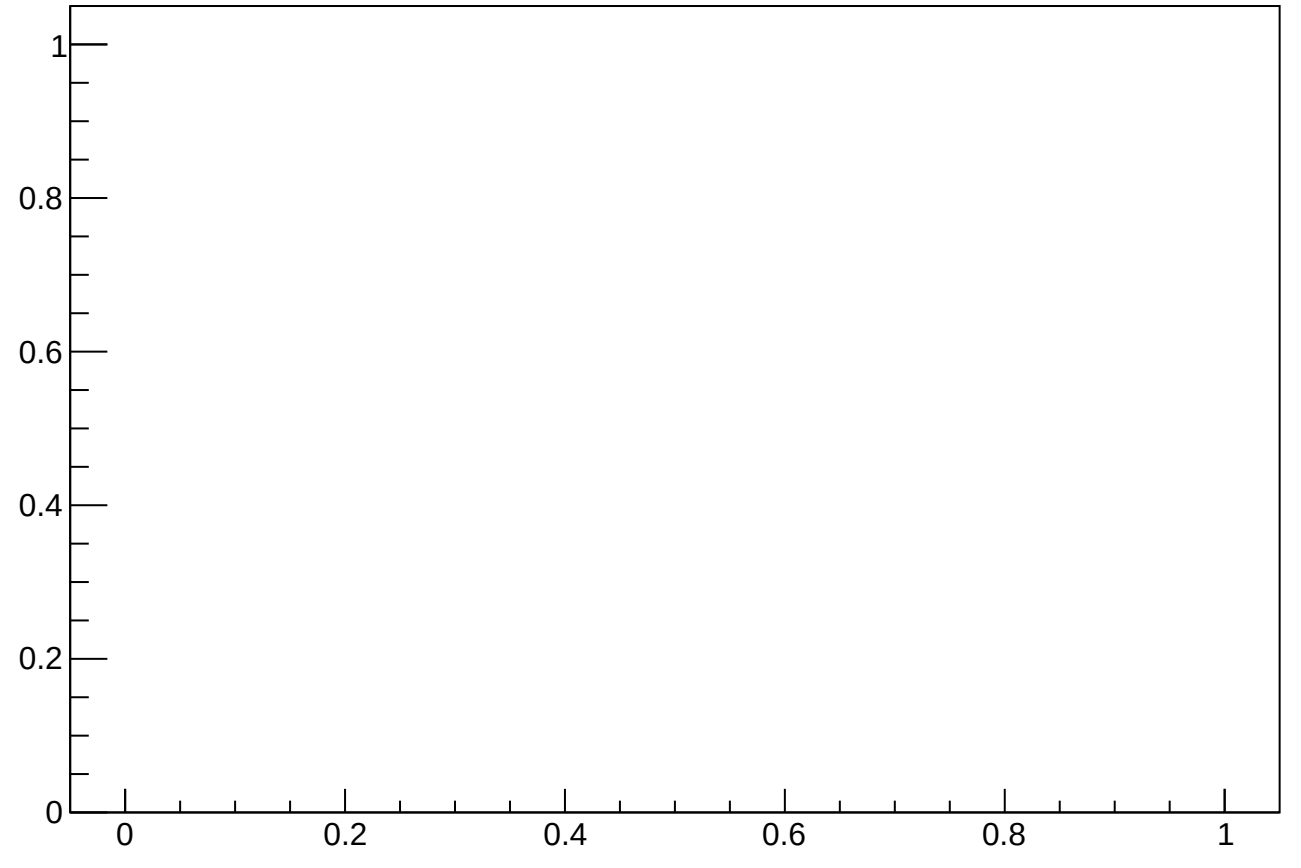

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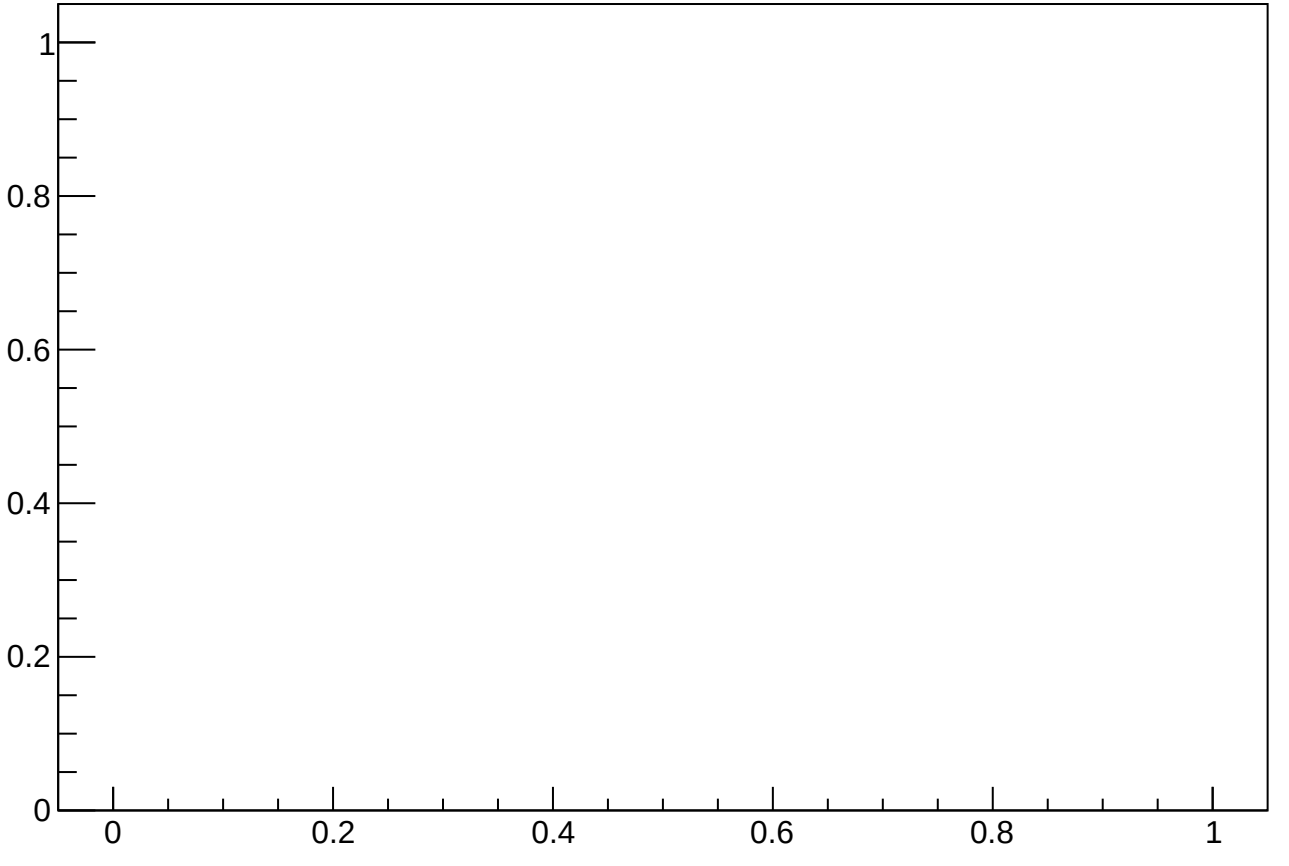
dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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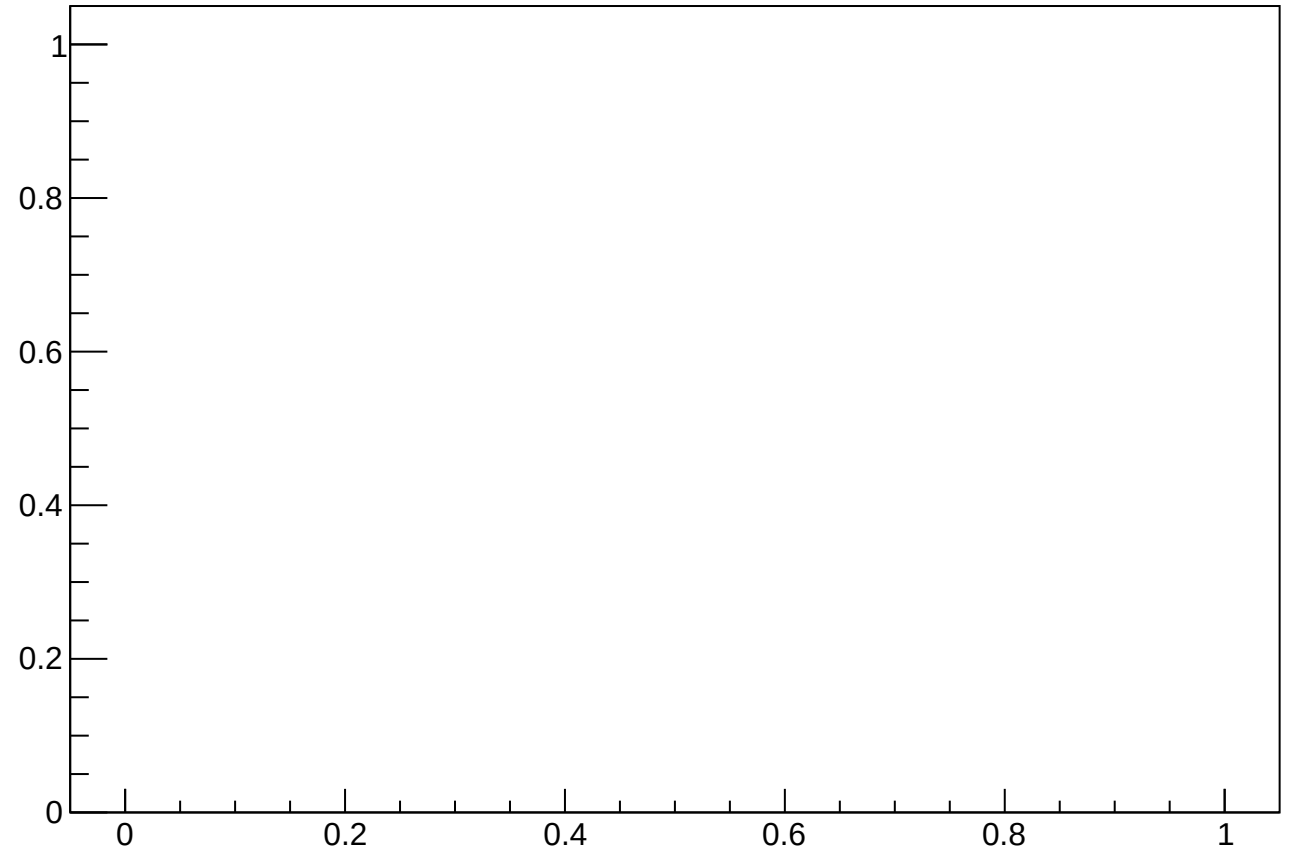

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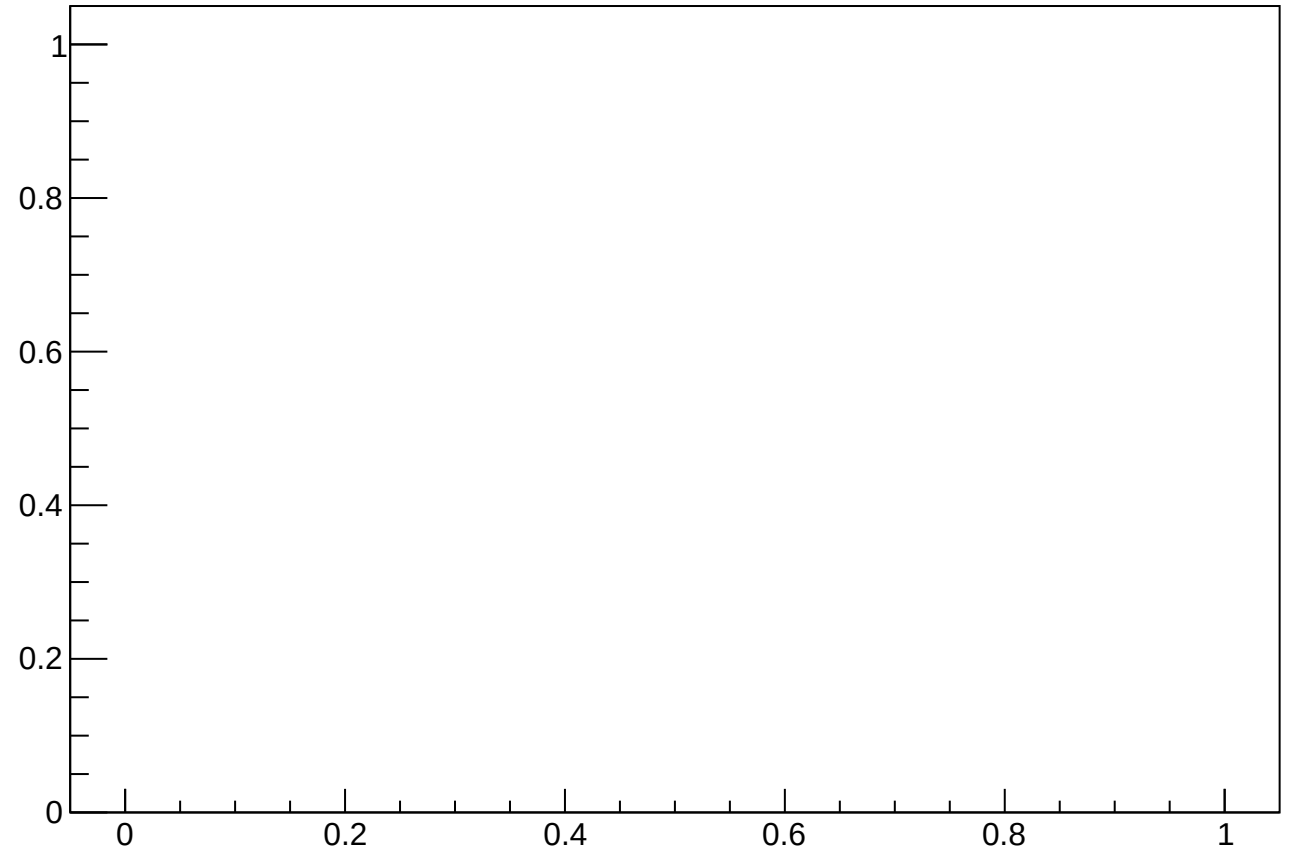

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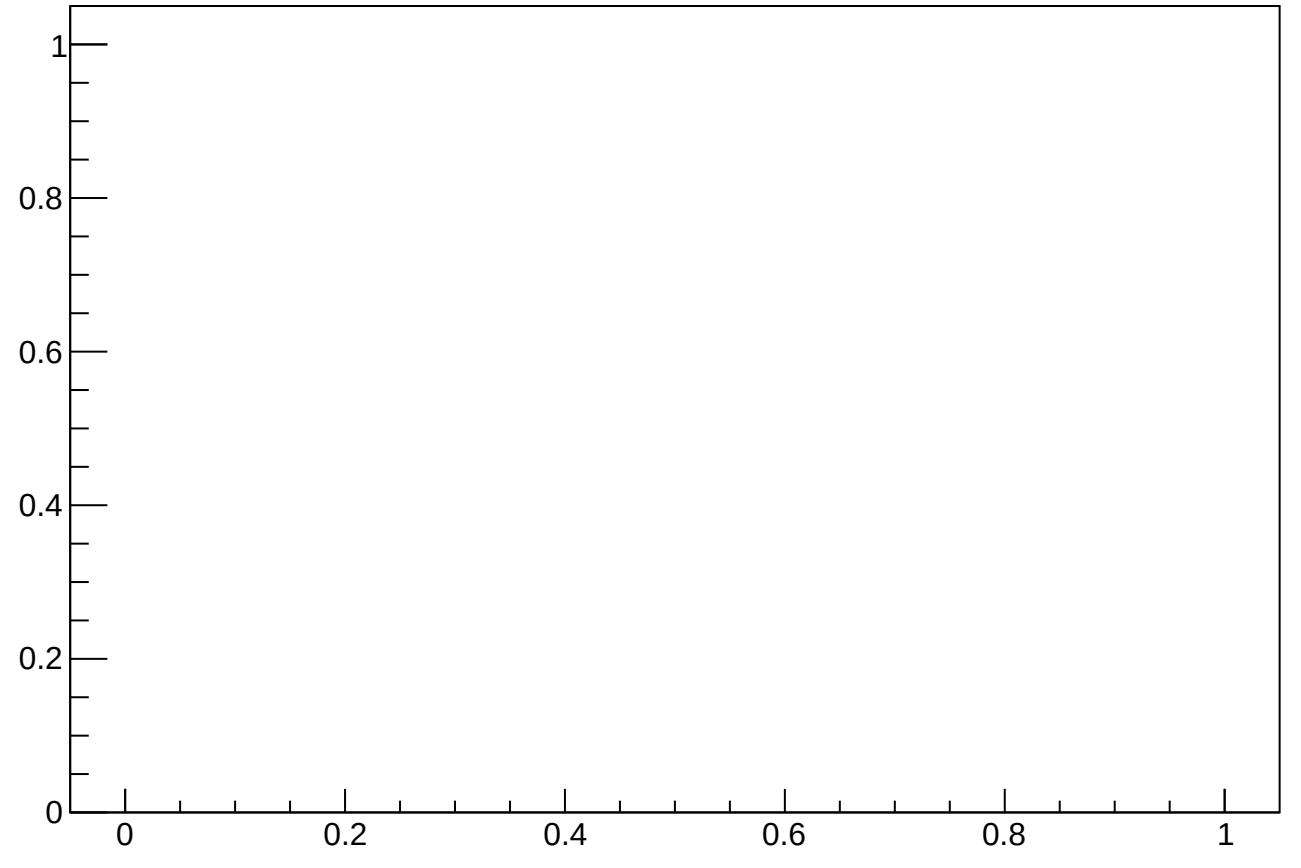

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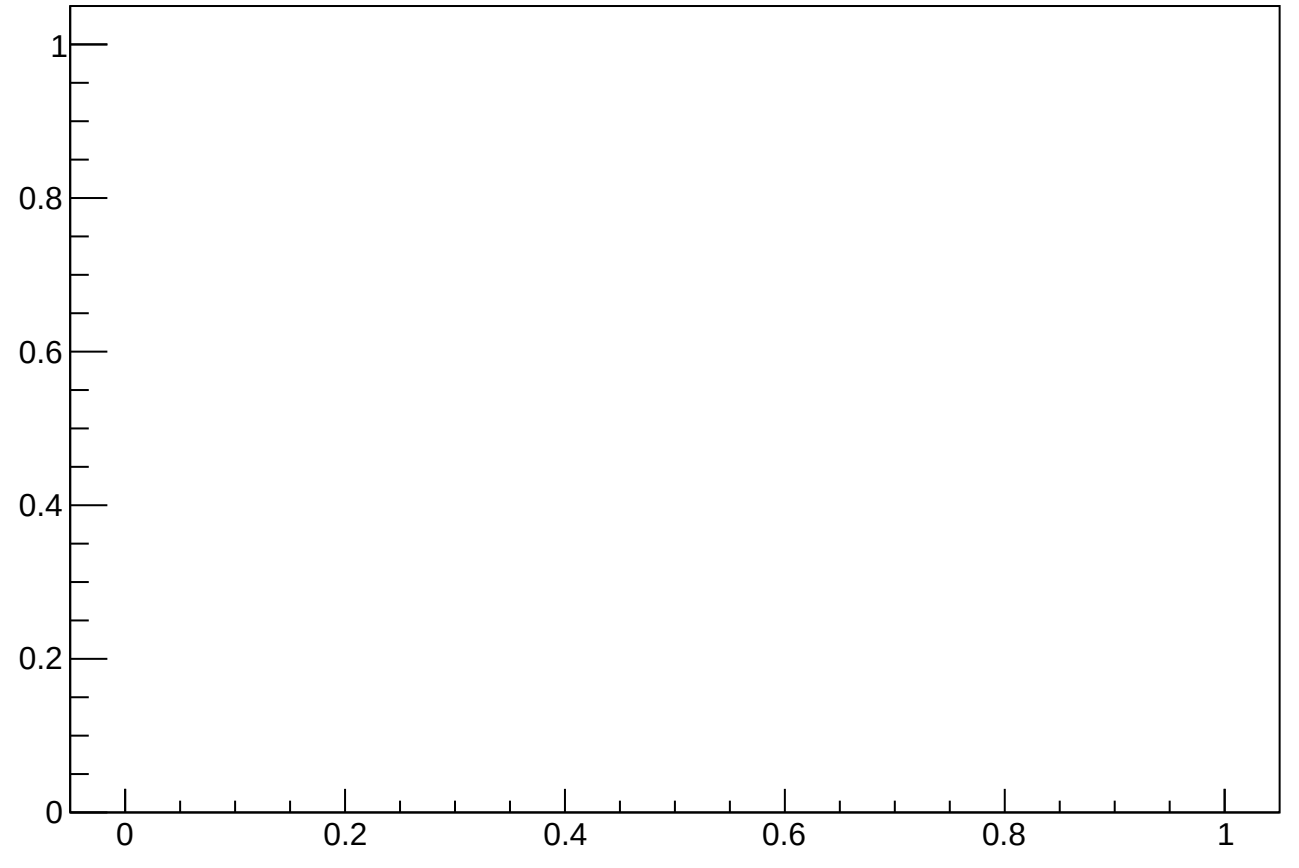

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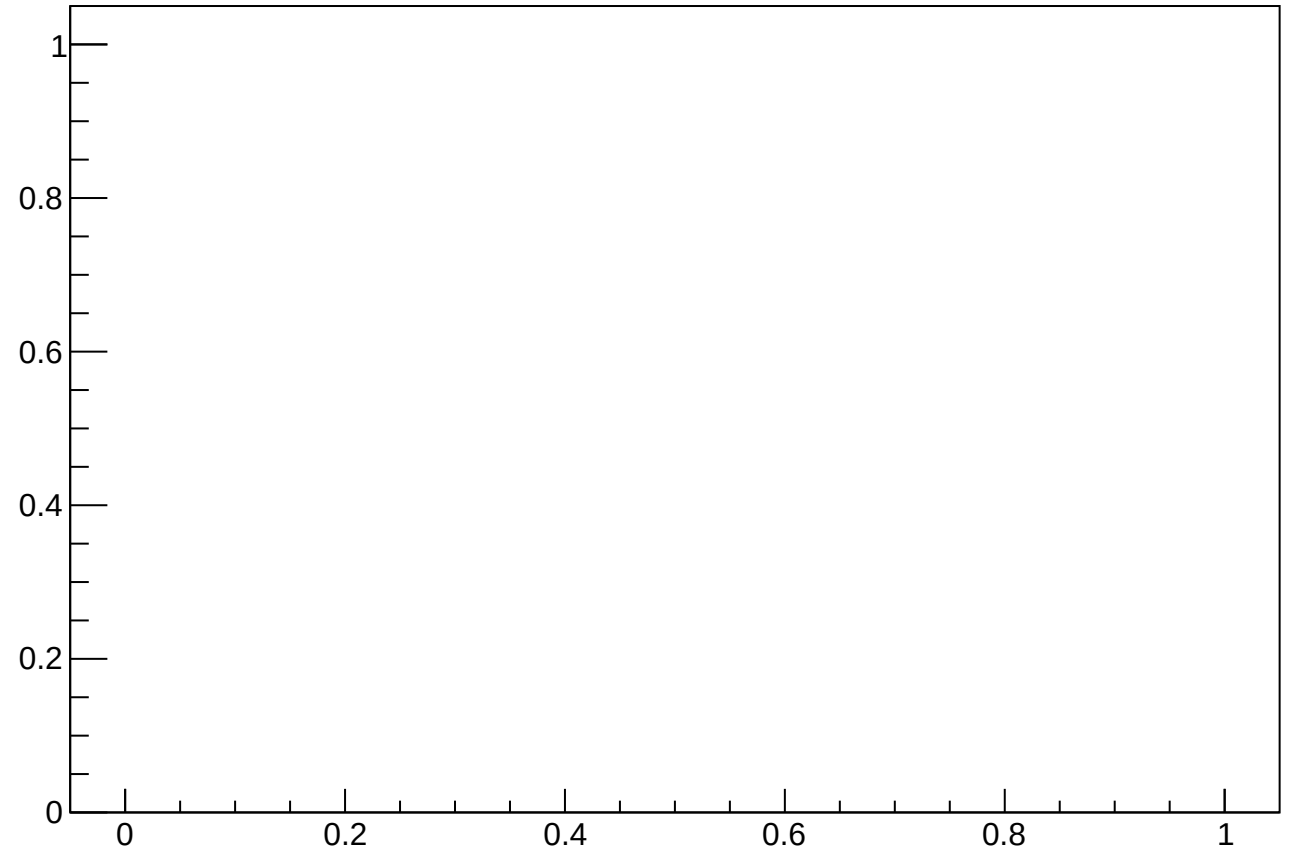

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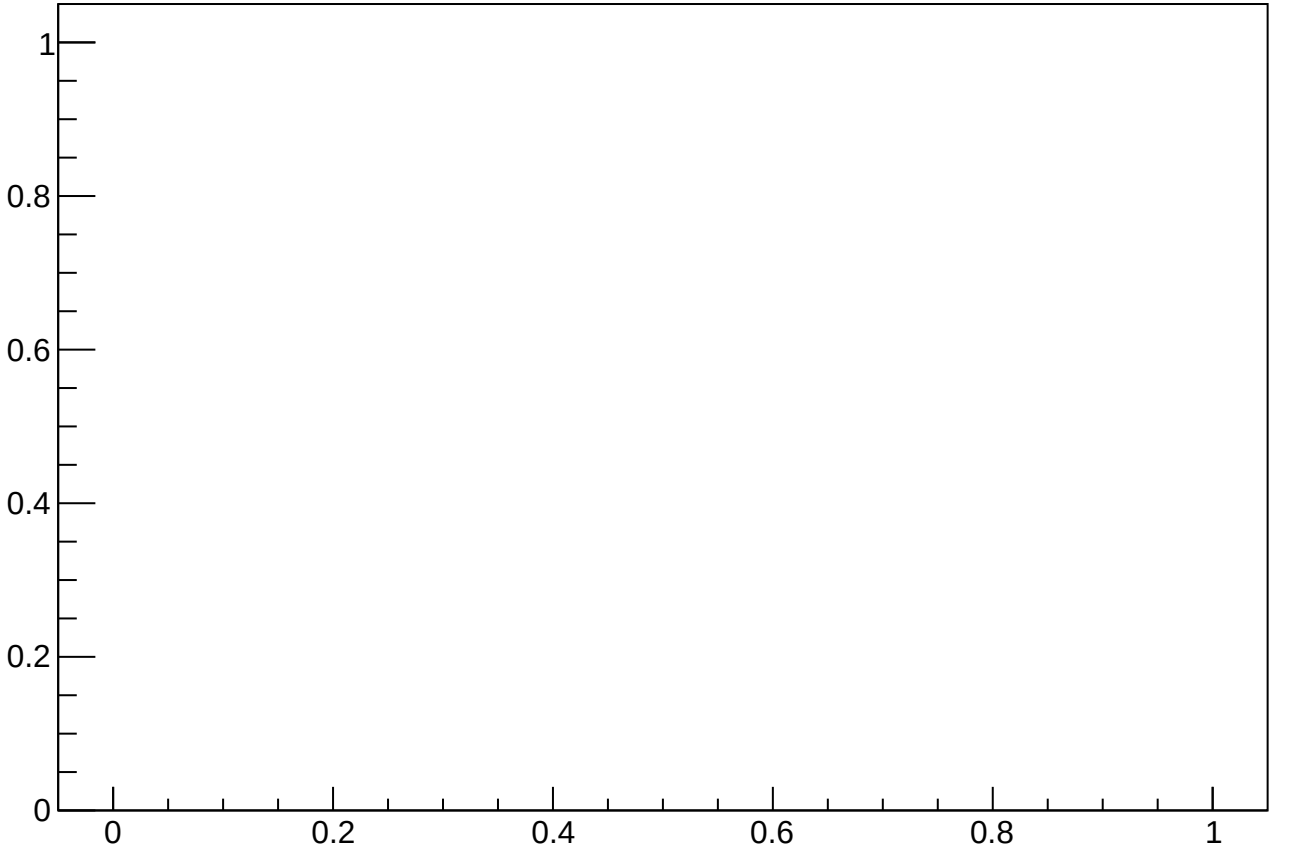
dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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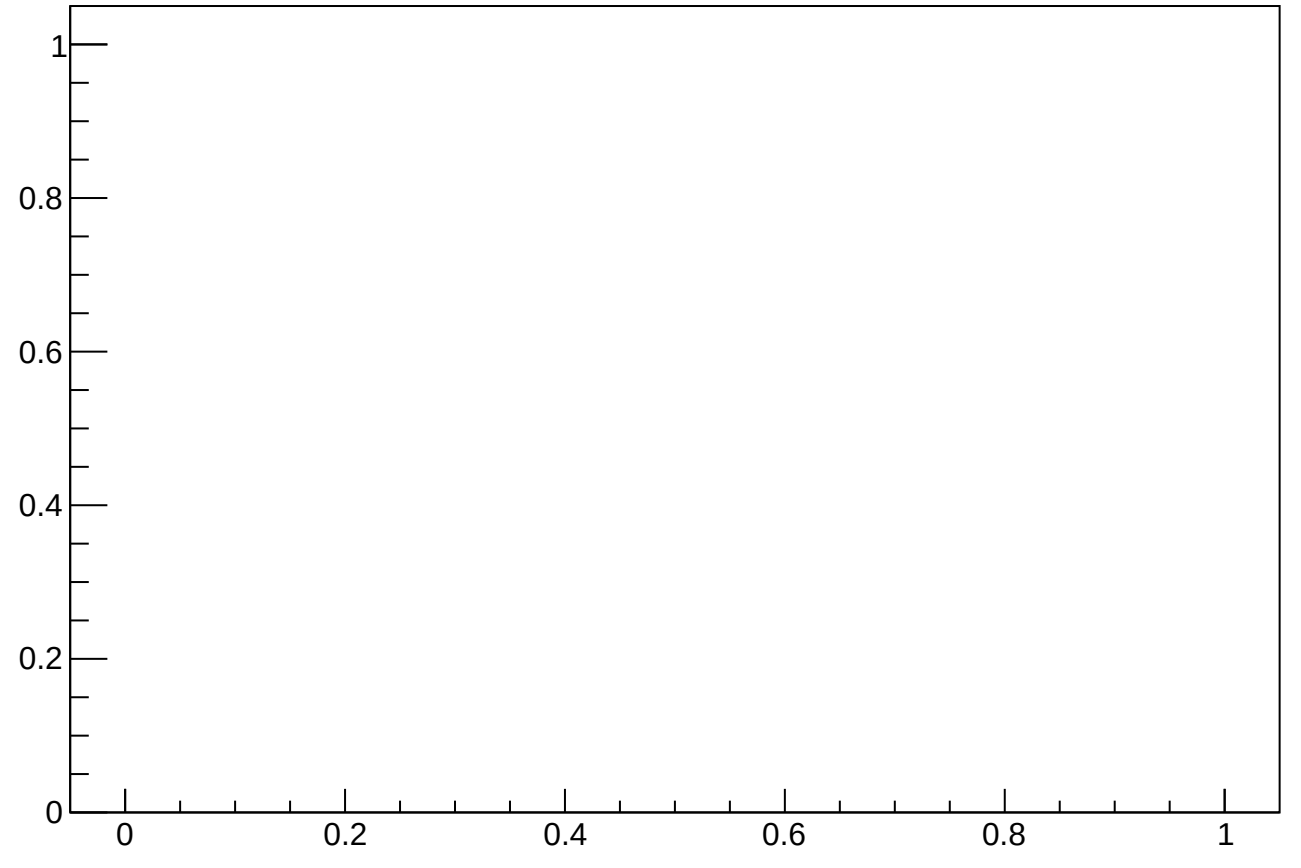

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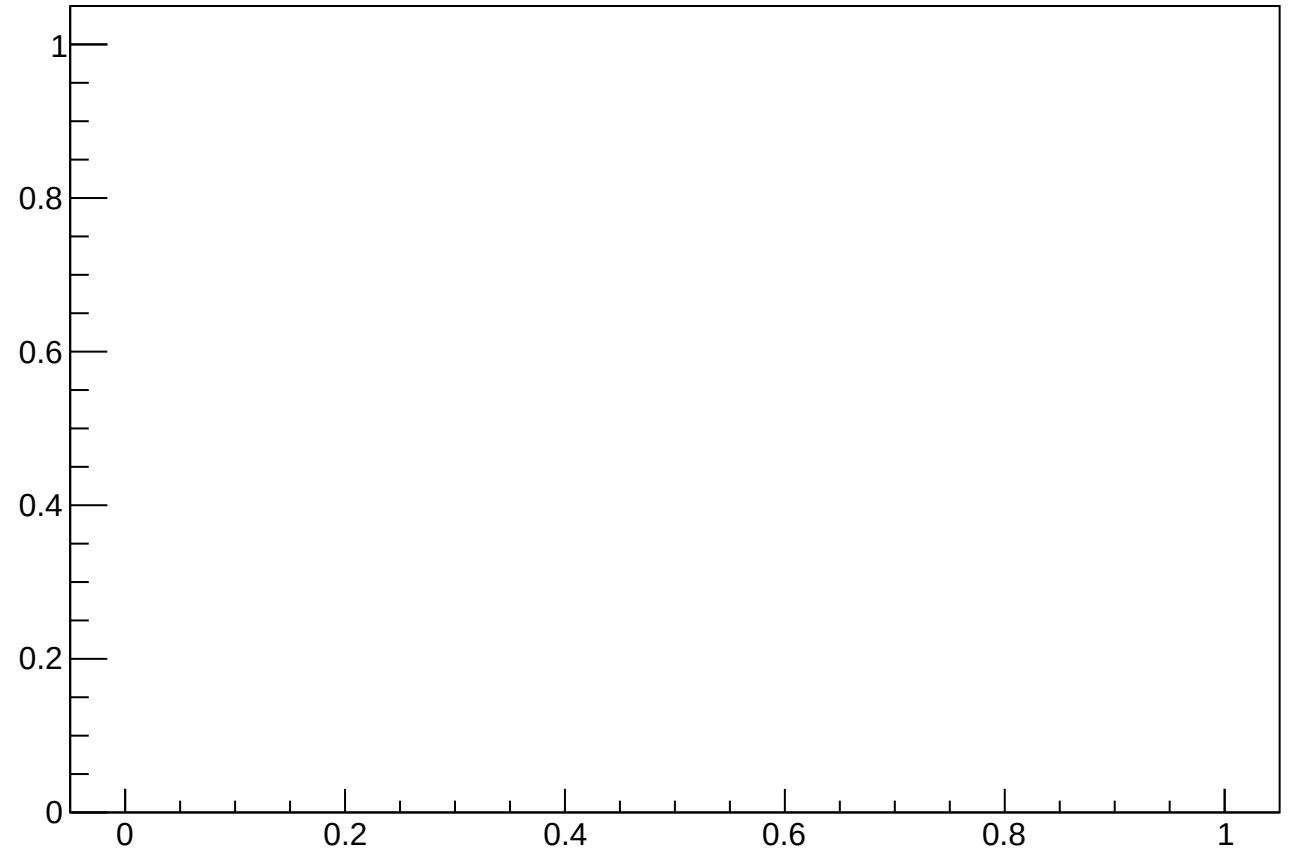

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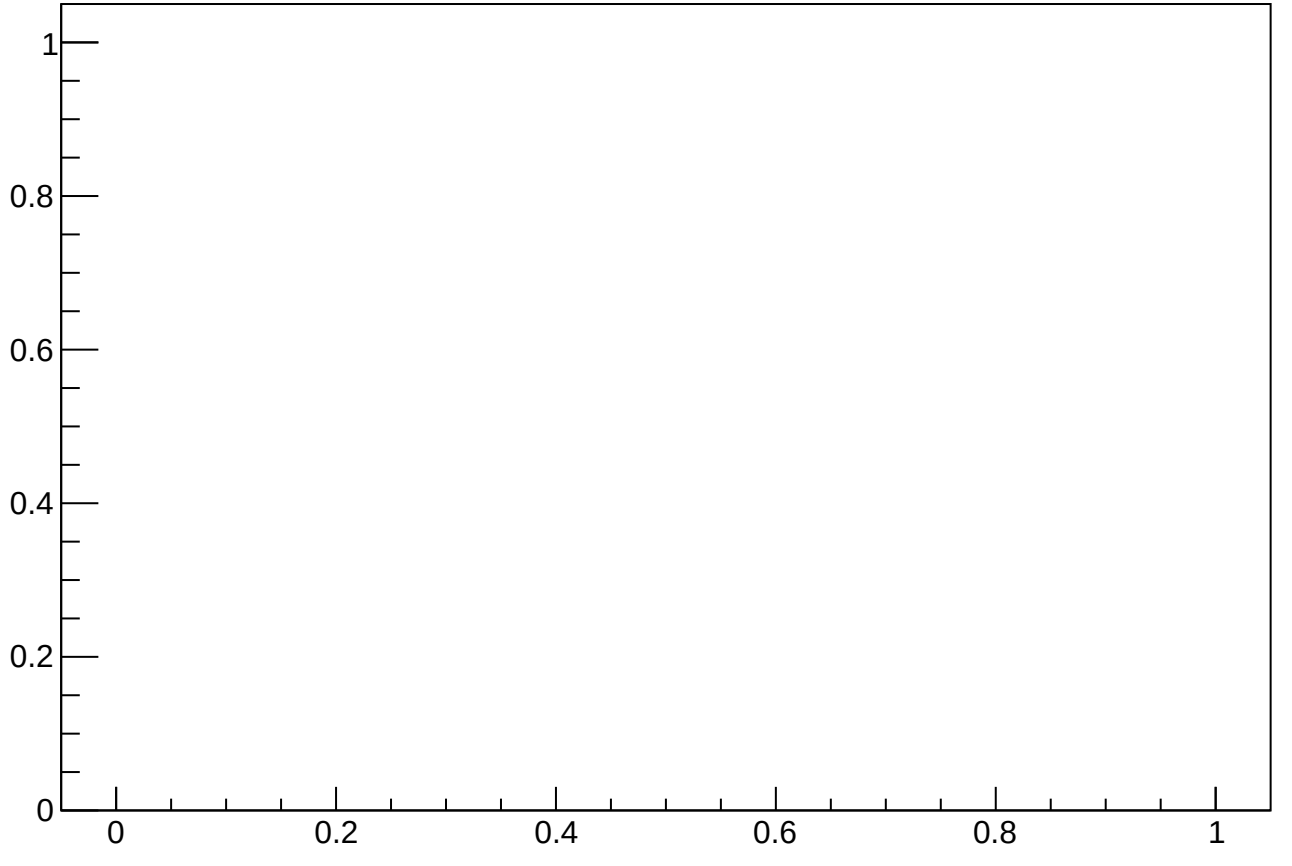
dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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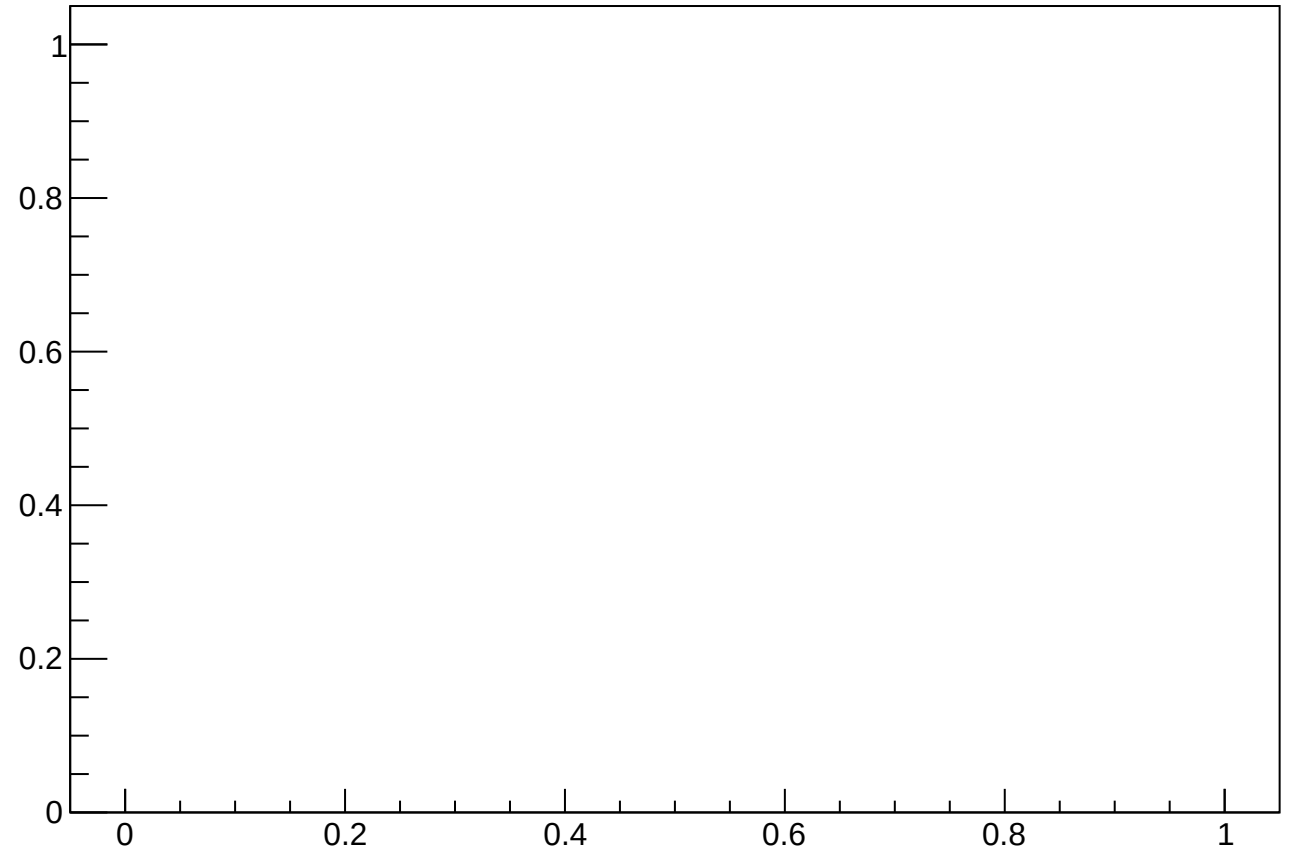

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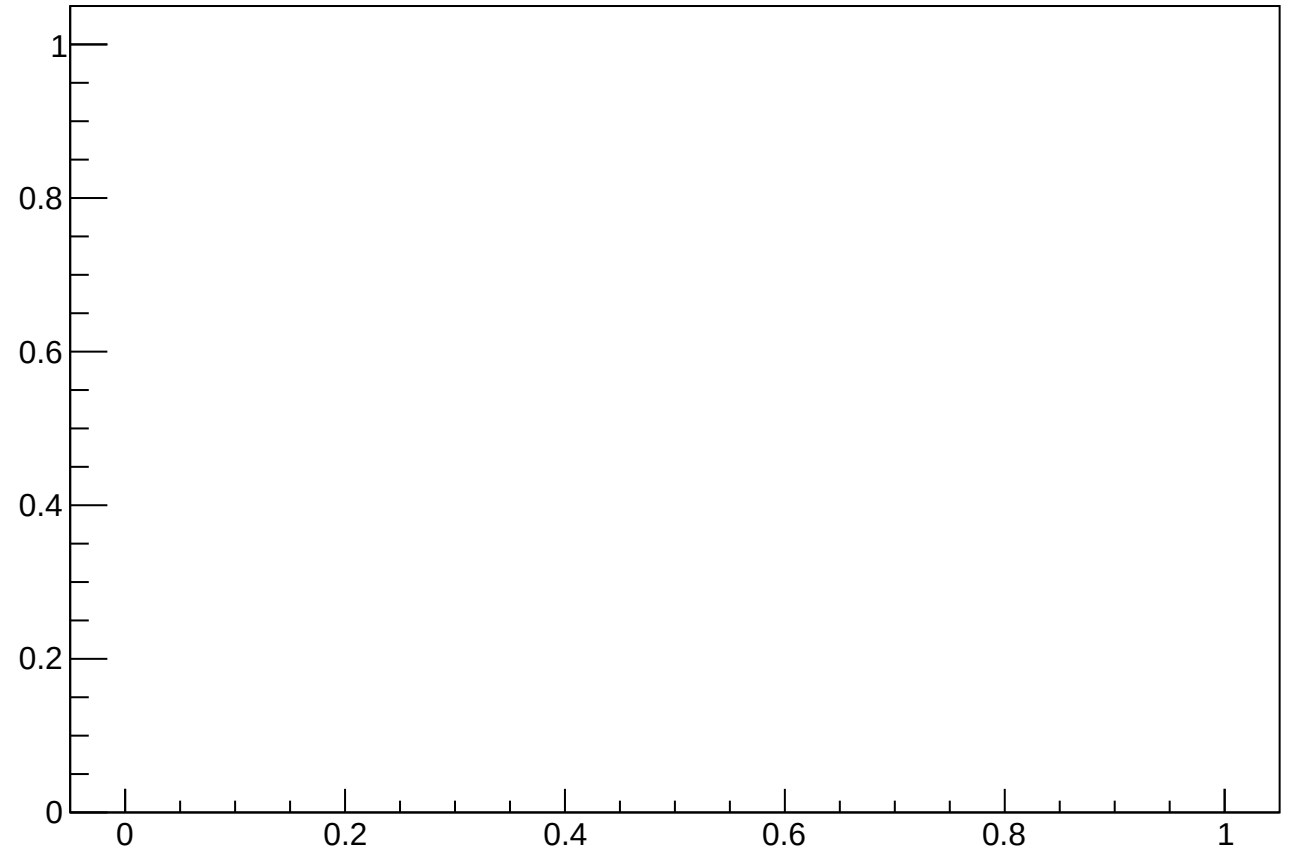

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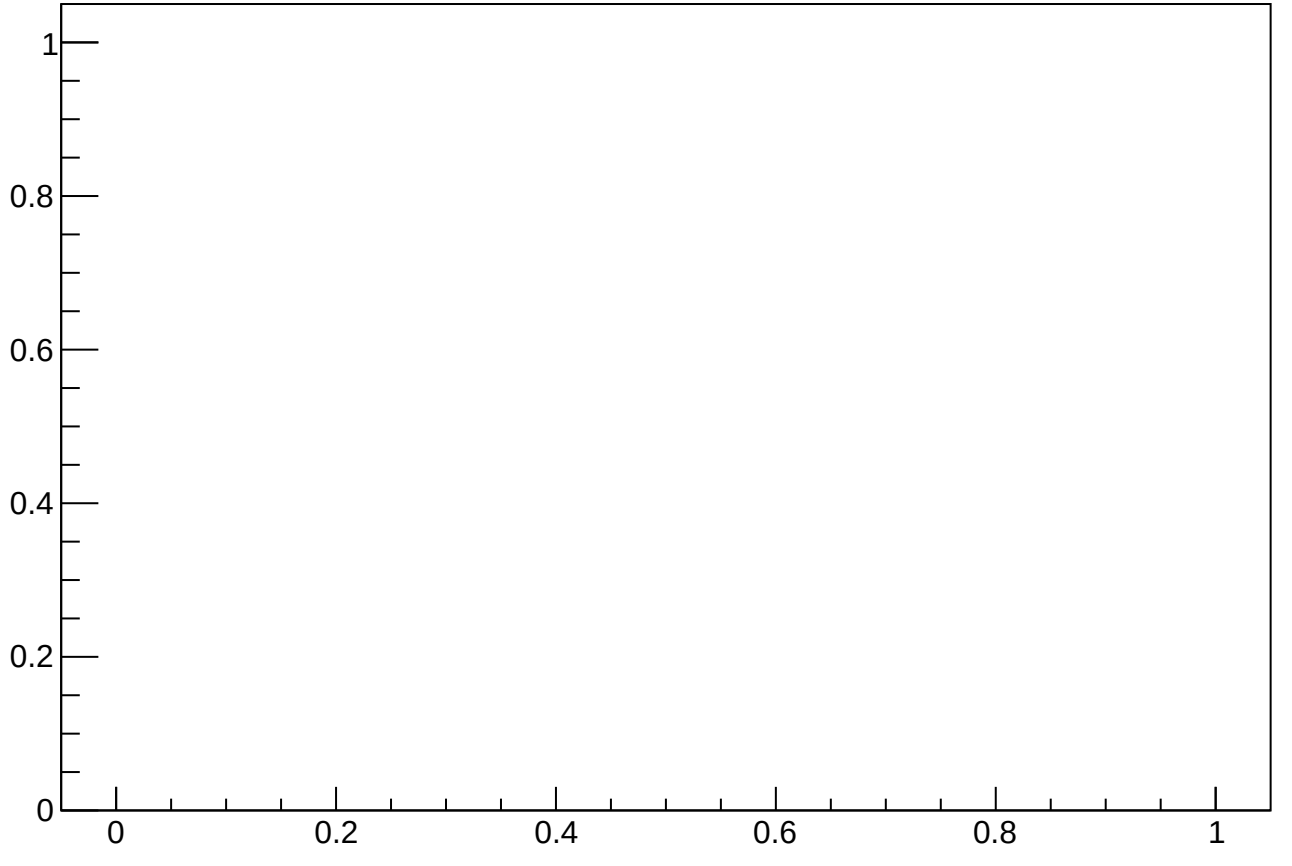
dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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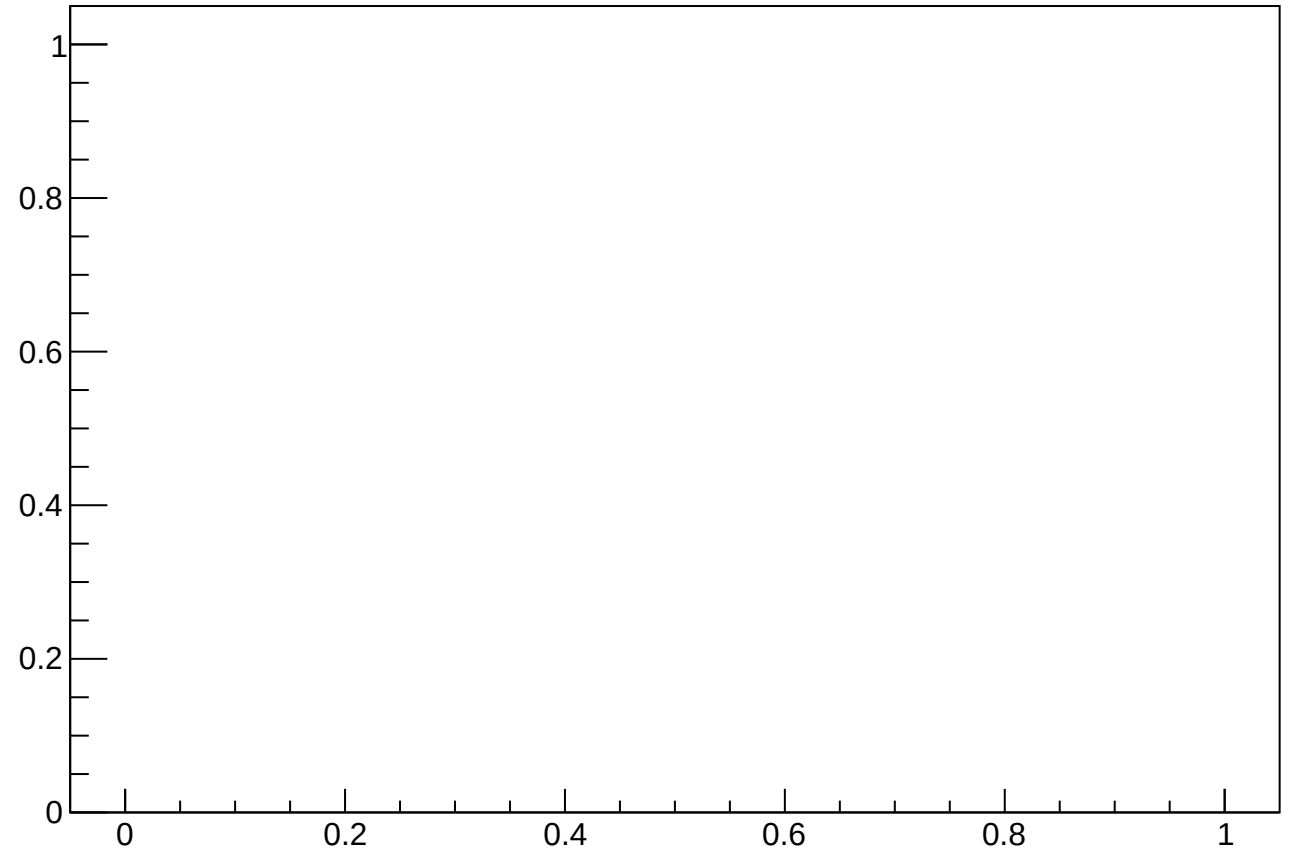

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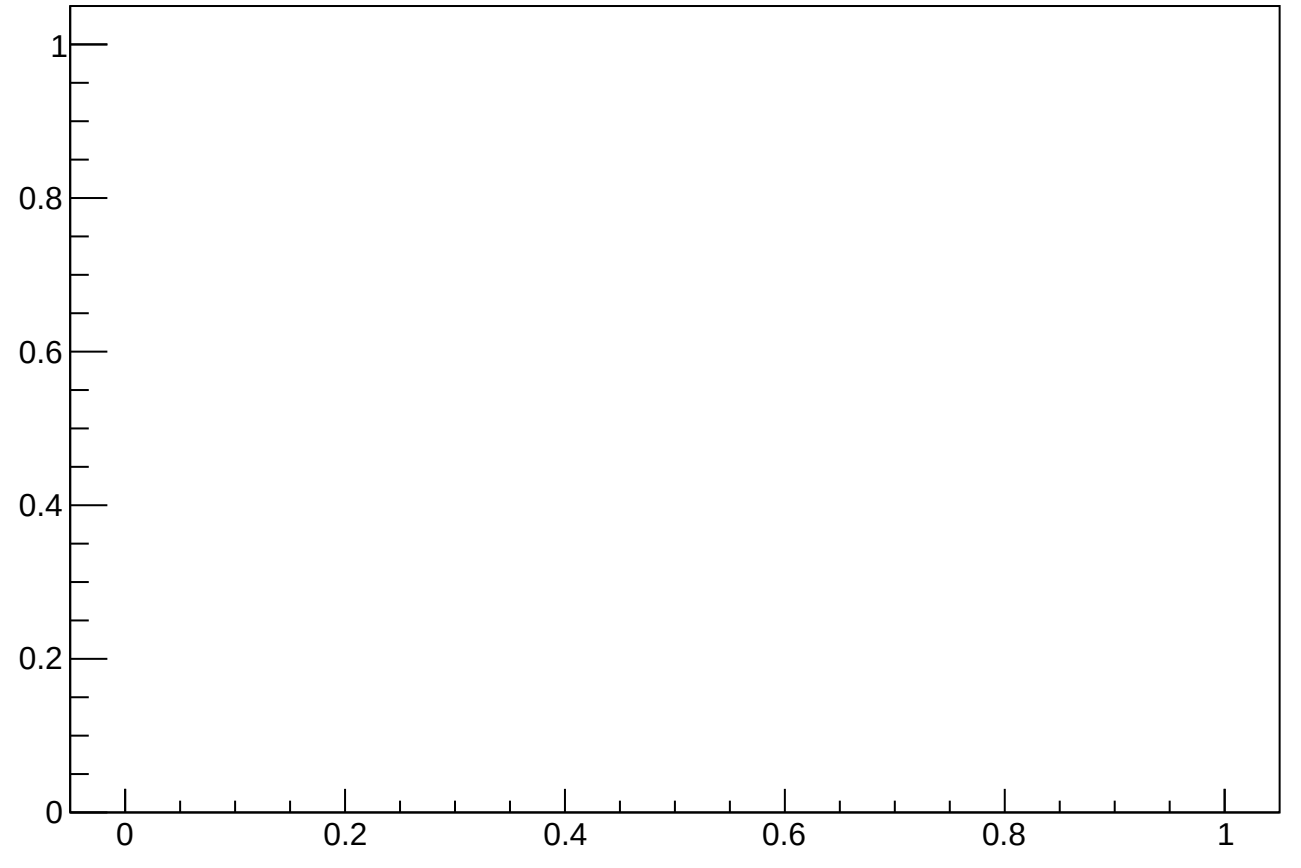

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Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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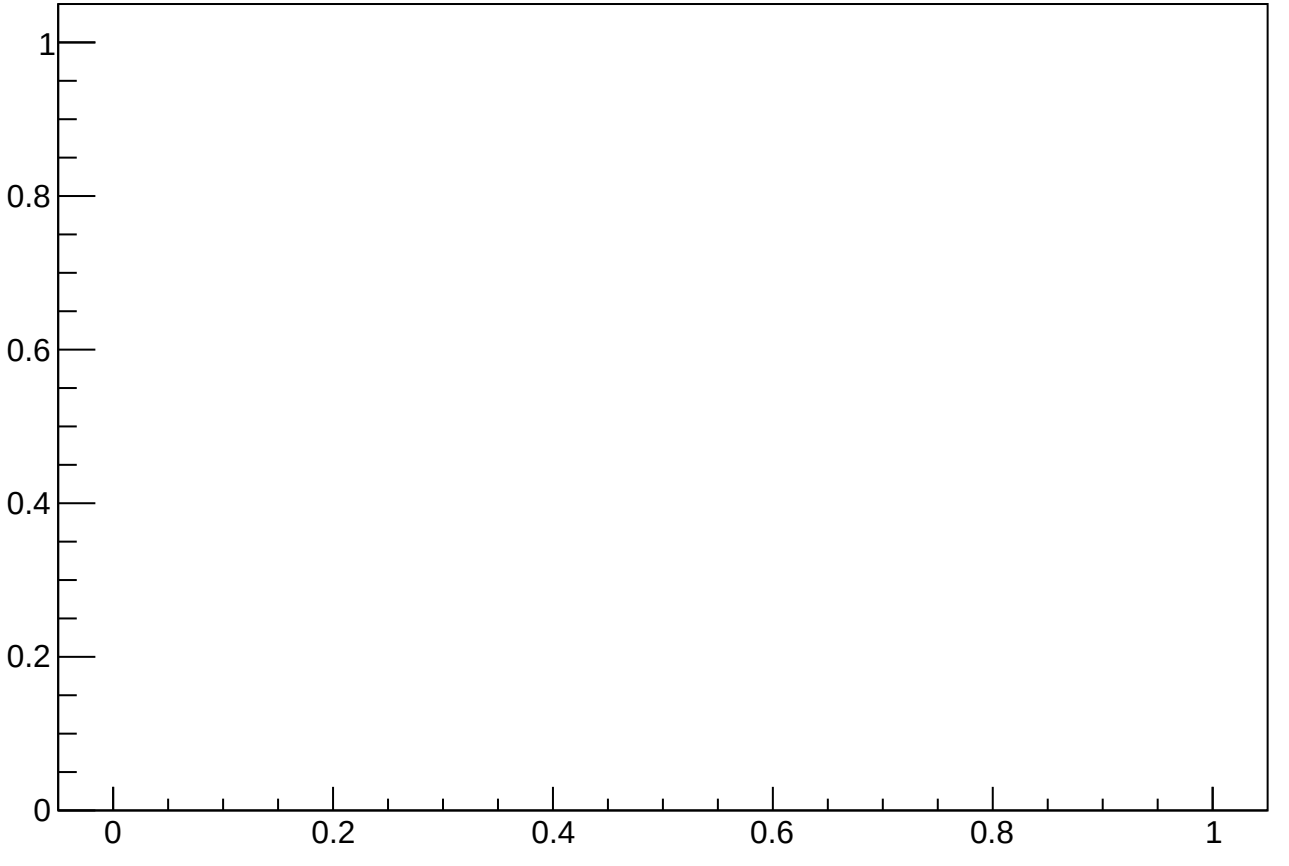
dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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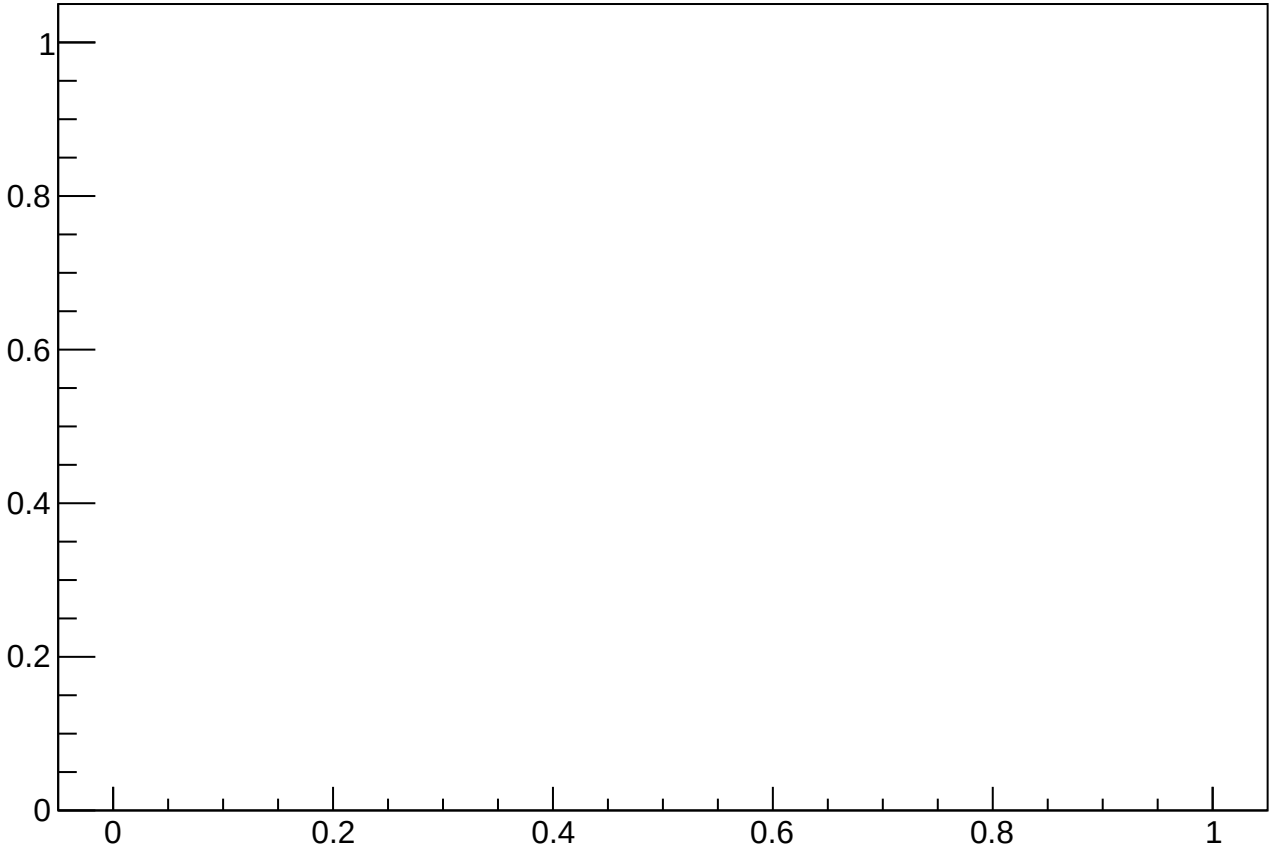
dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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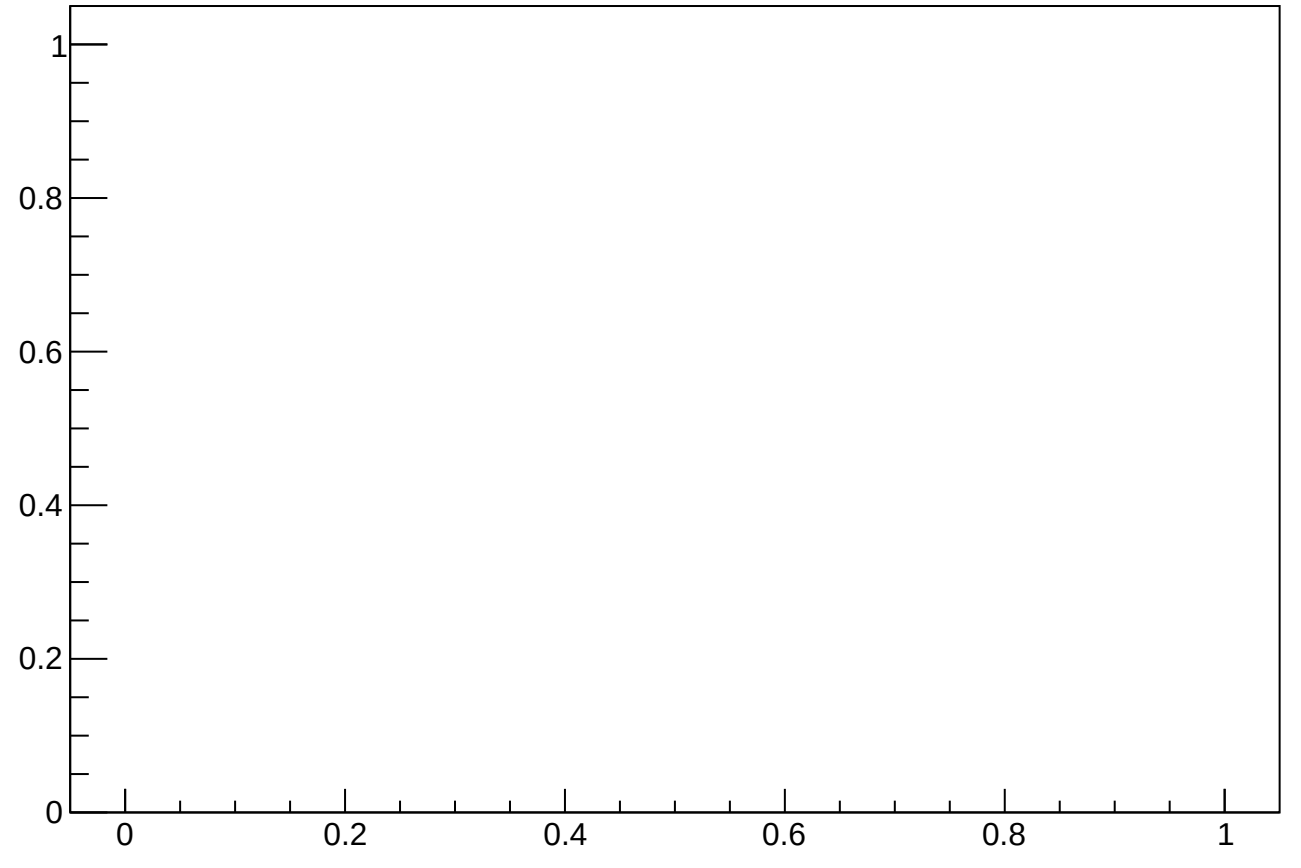

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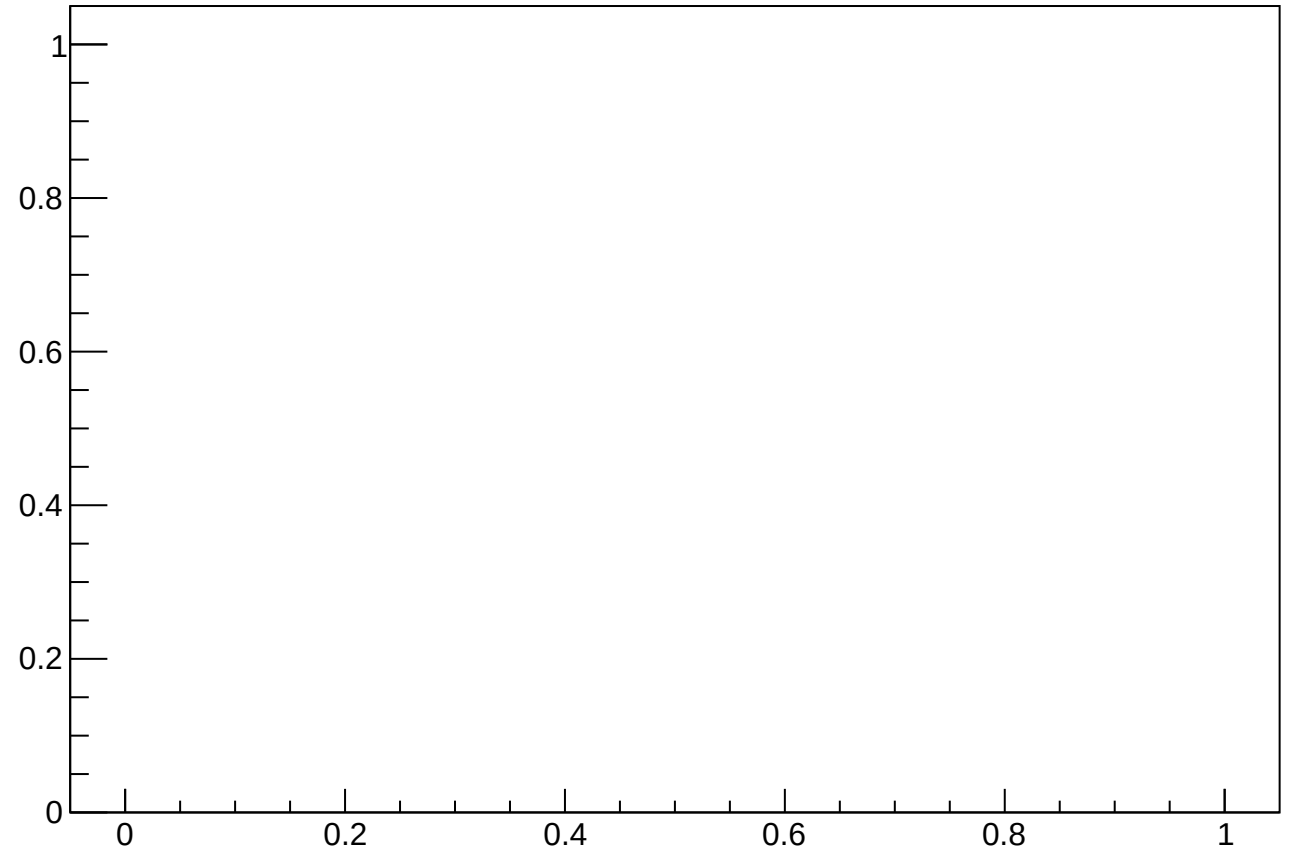

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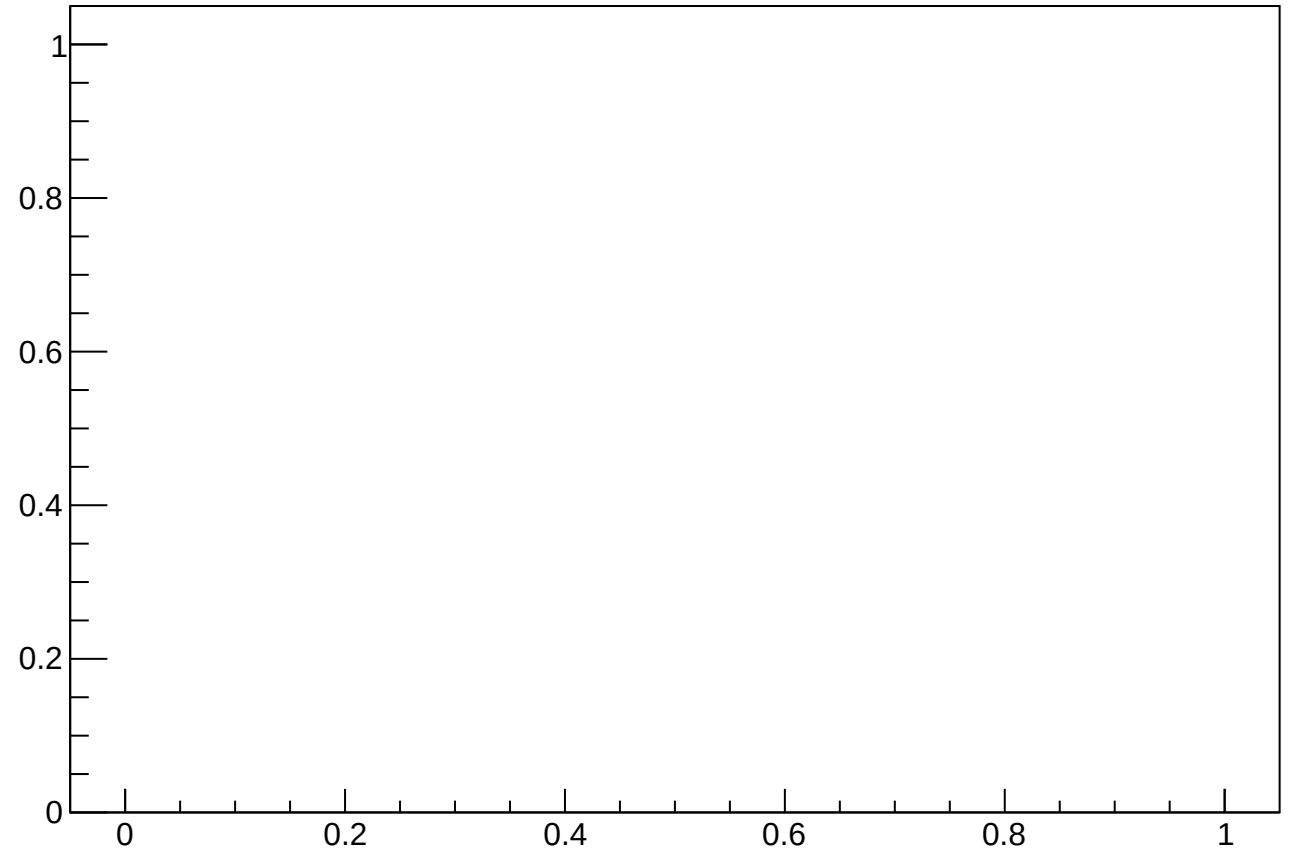

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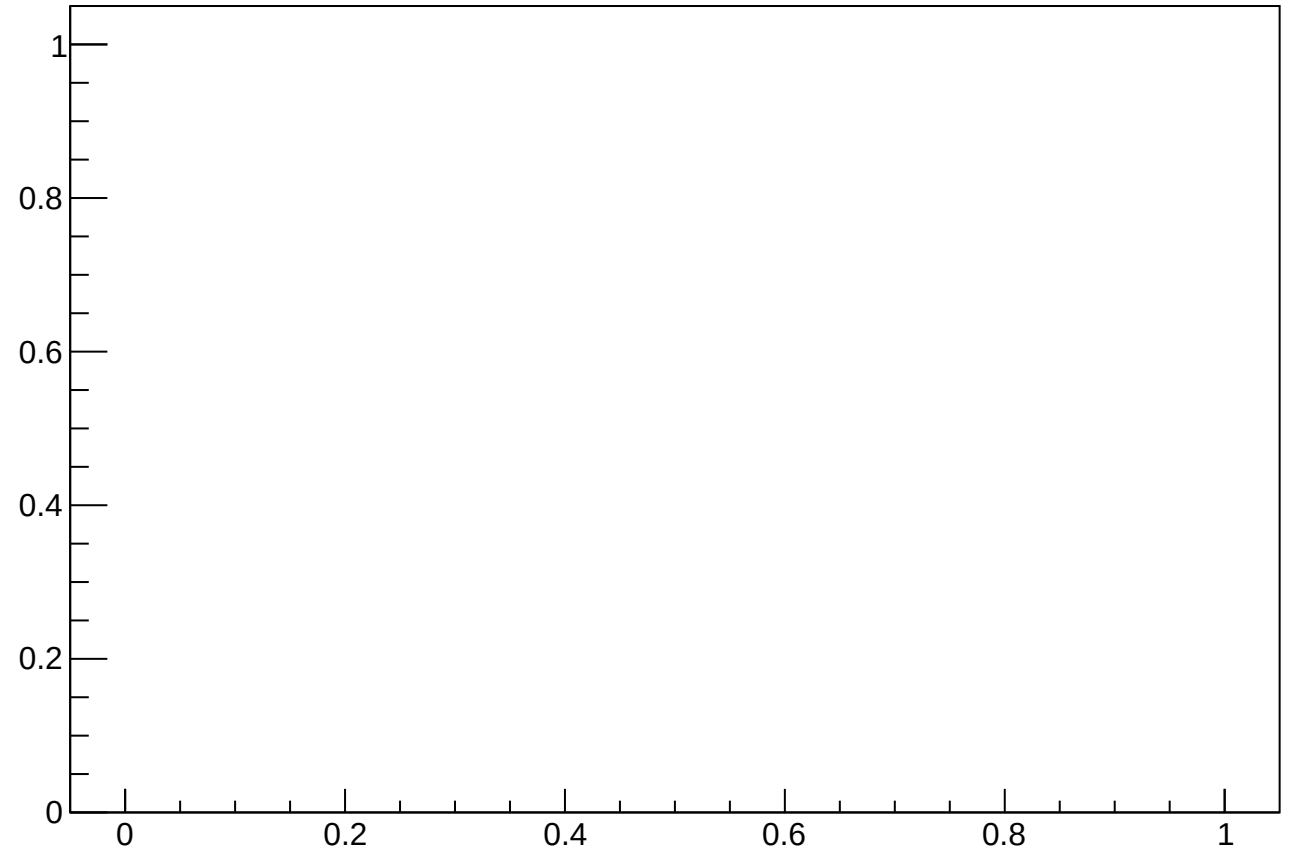

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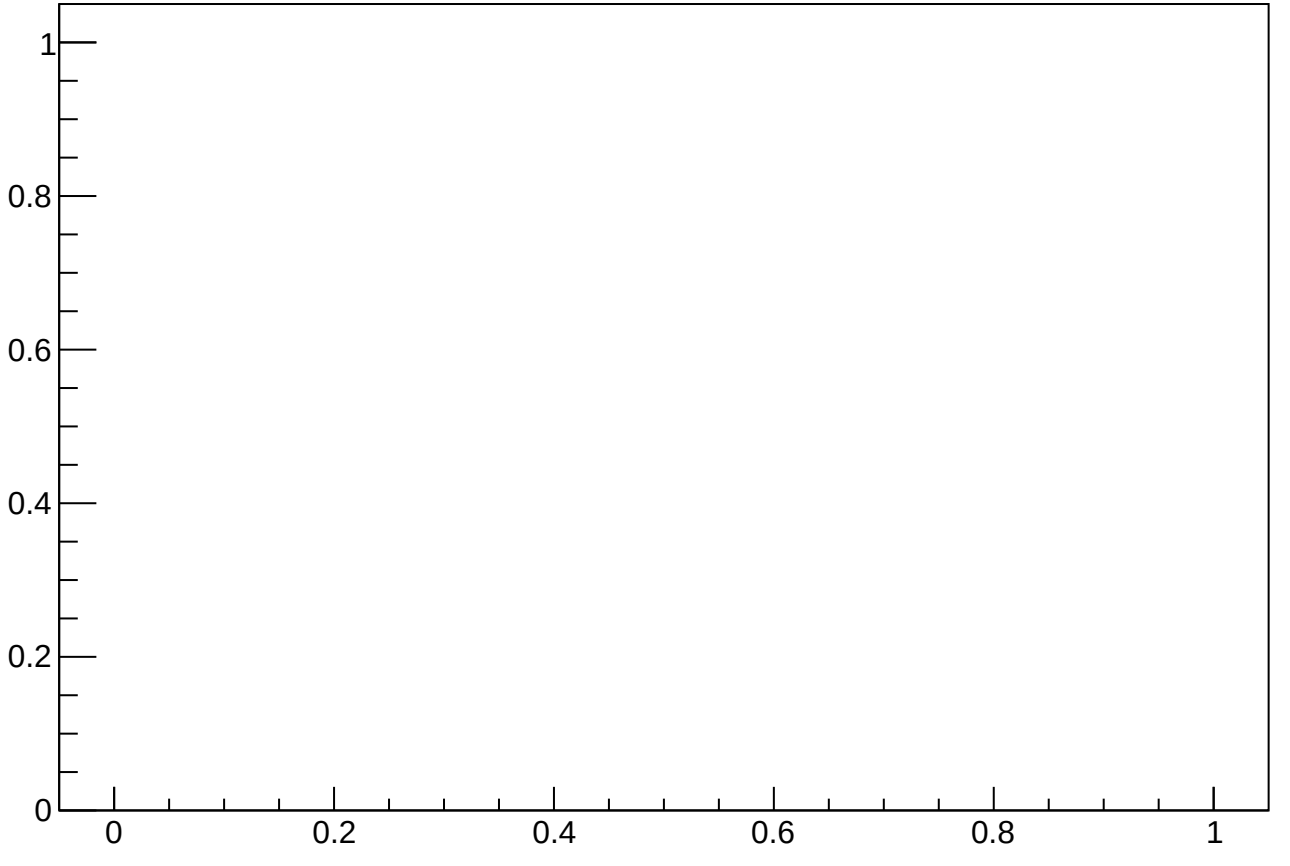
dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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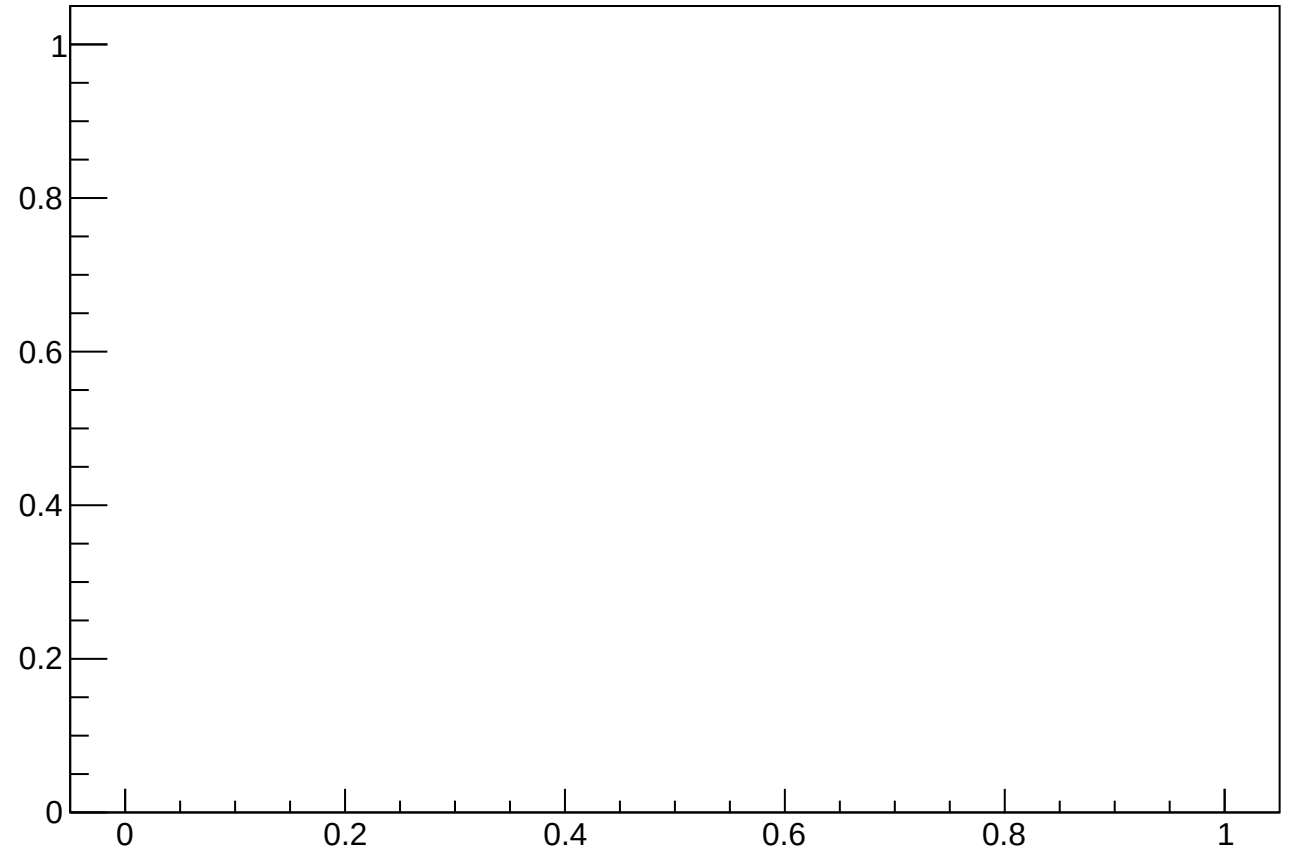

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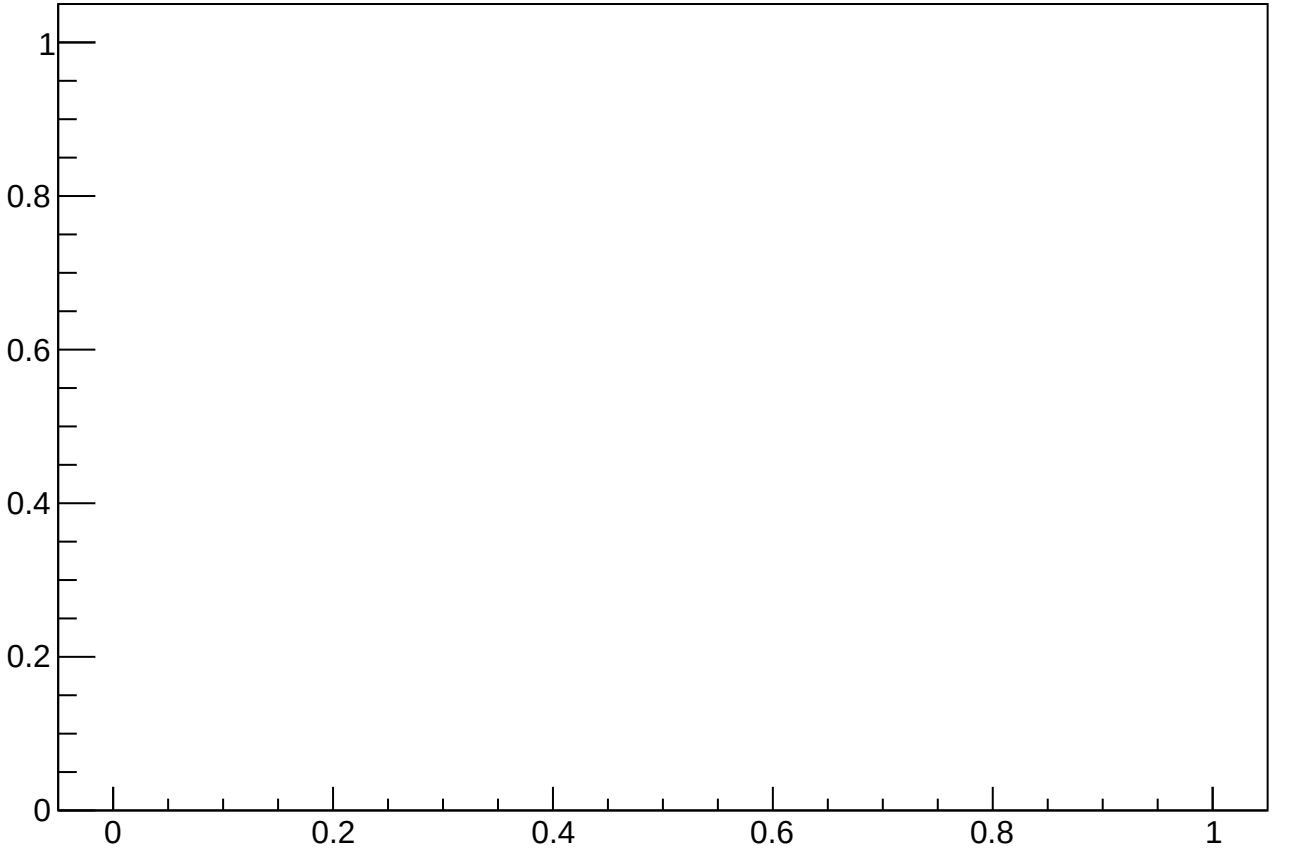
dit_4aX_coil4_mean vs Slug, Sign Corrected



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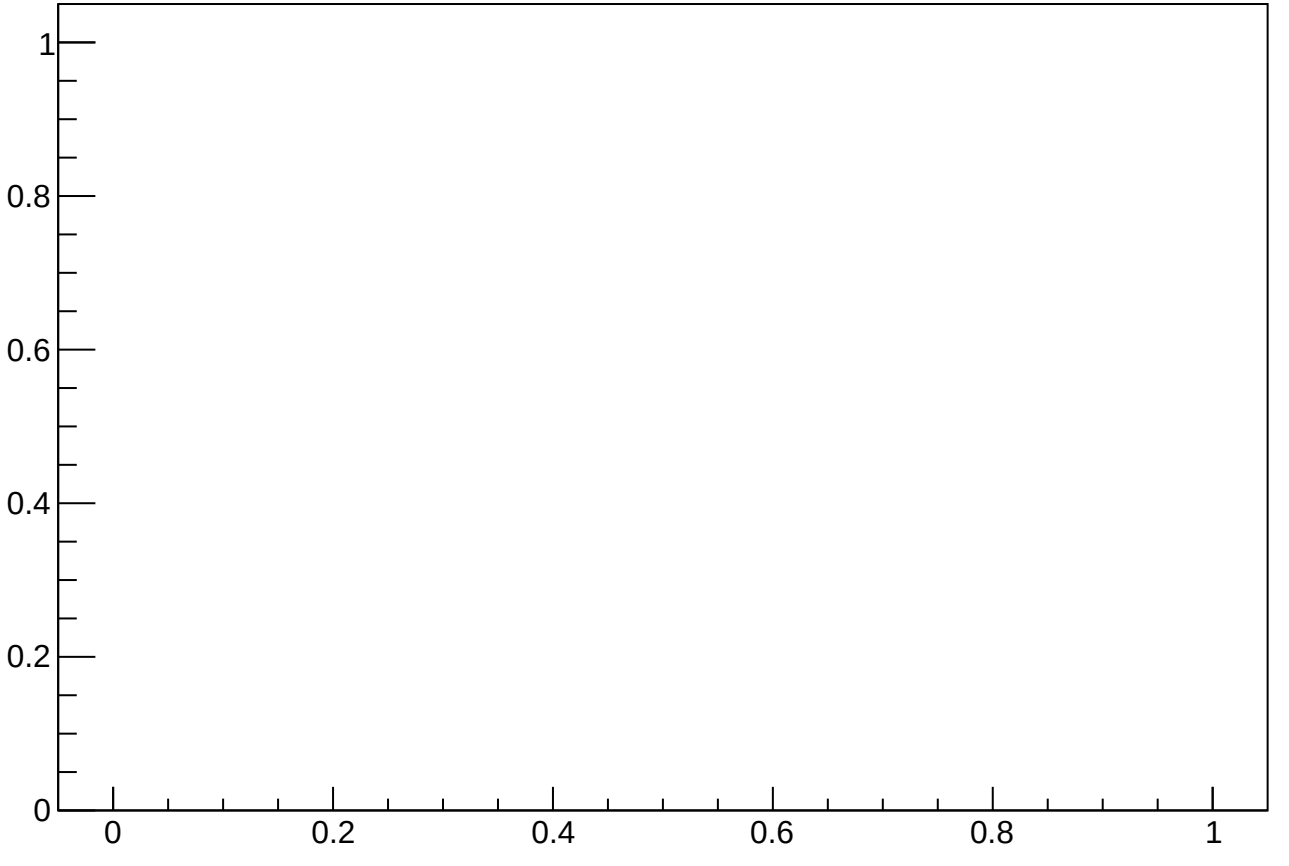

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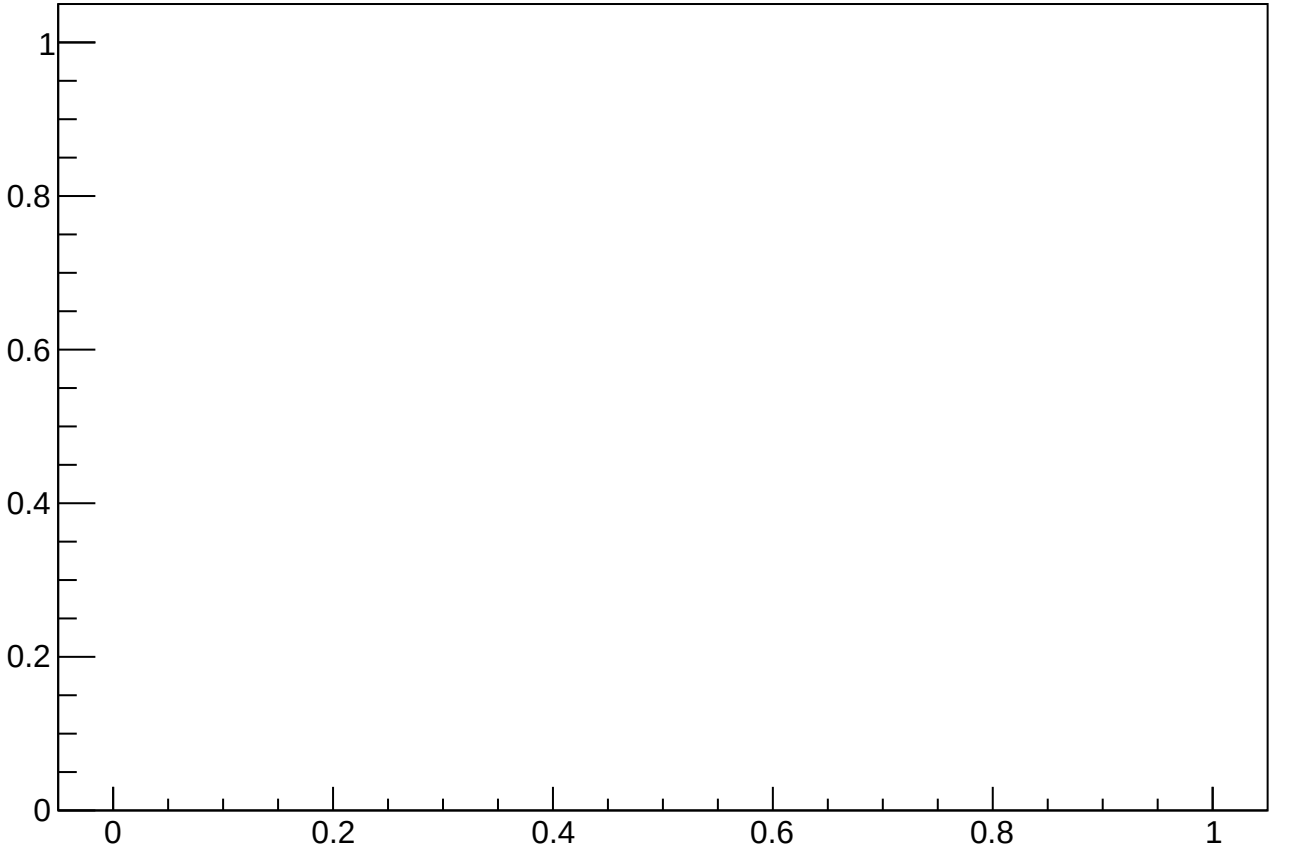

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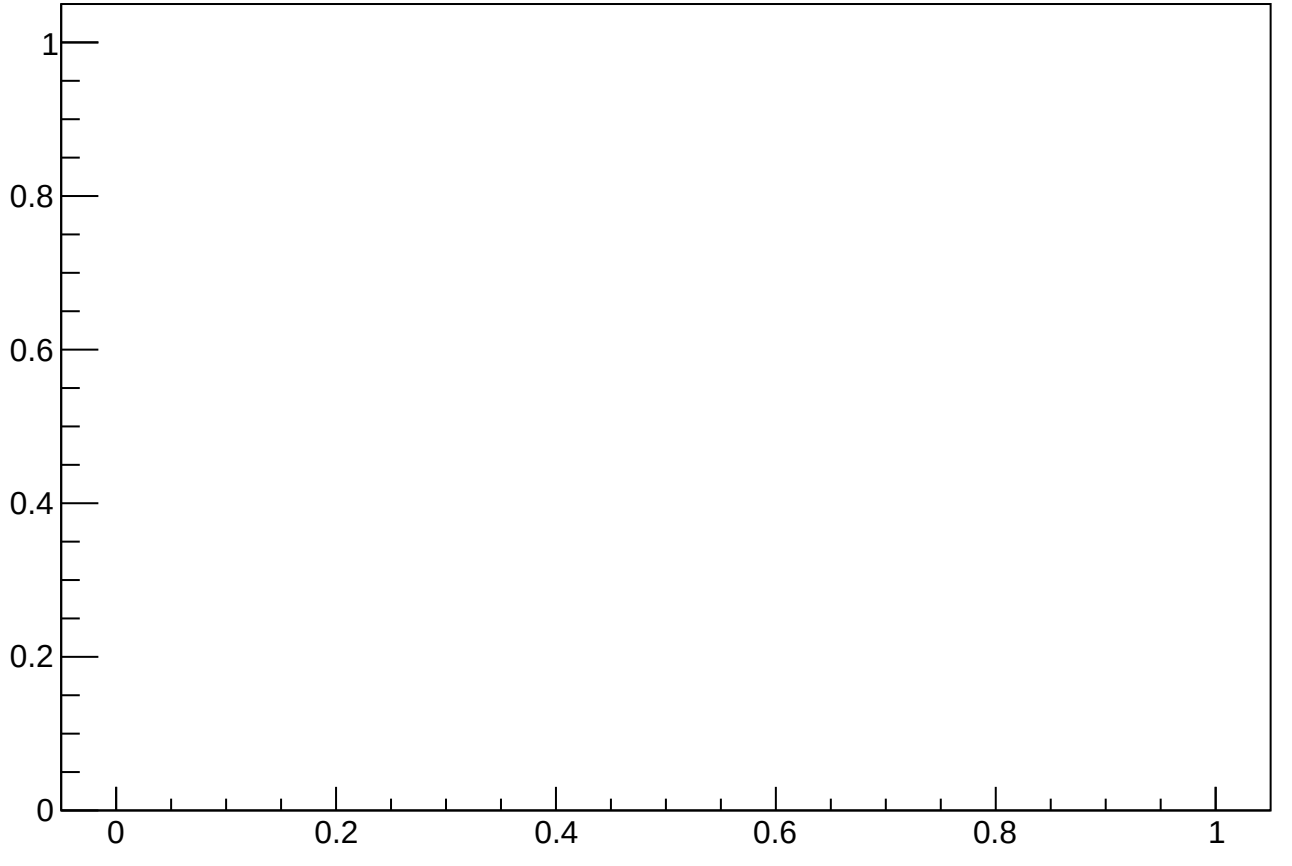
dit_4eX_coil4_mean vs Slug, Sign Corrected



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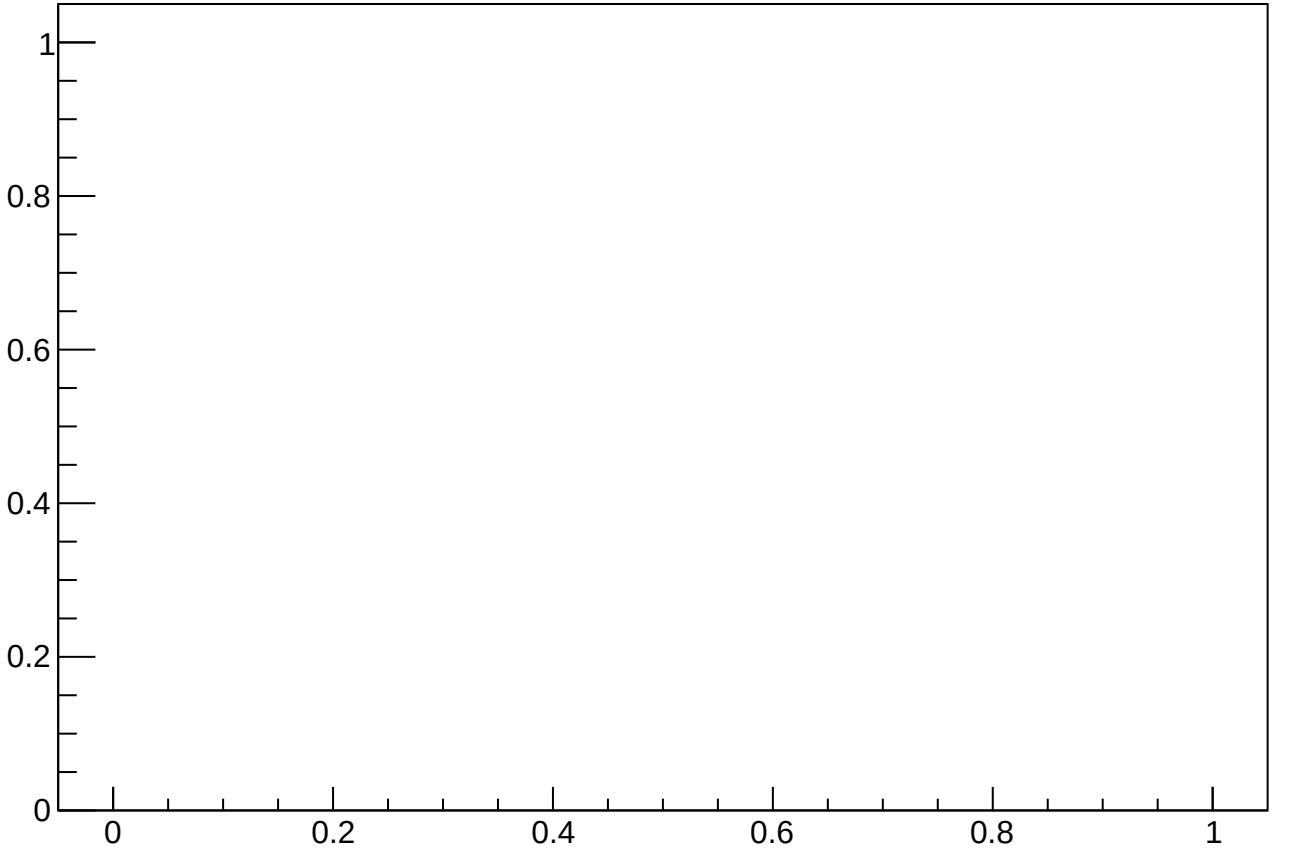
dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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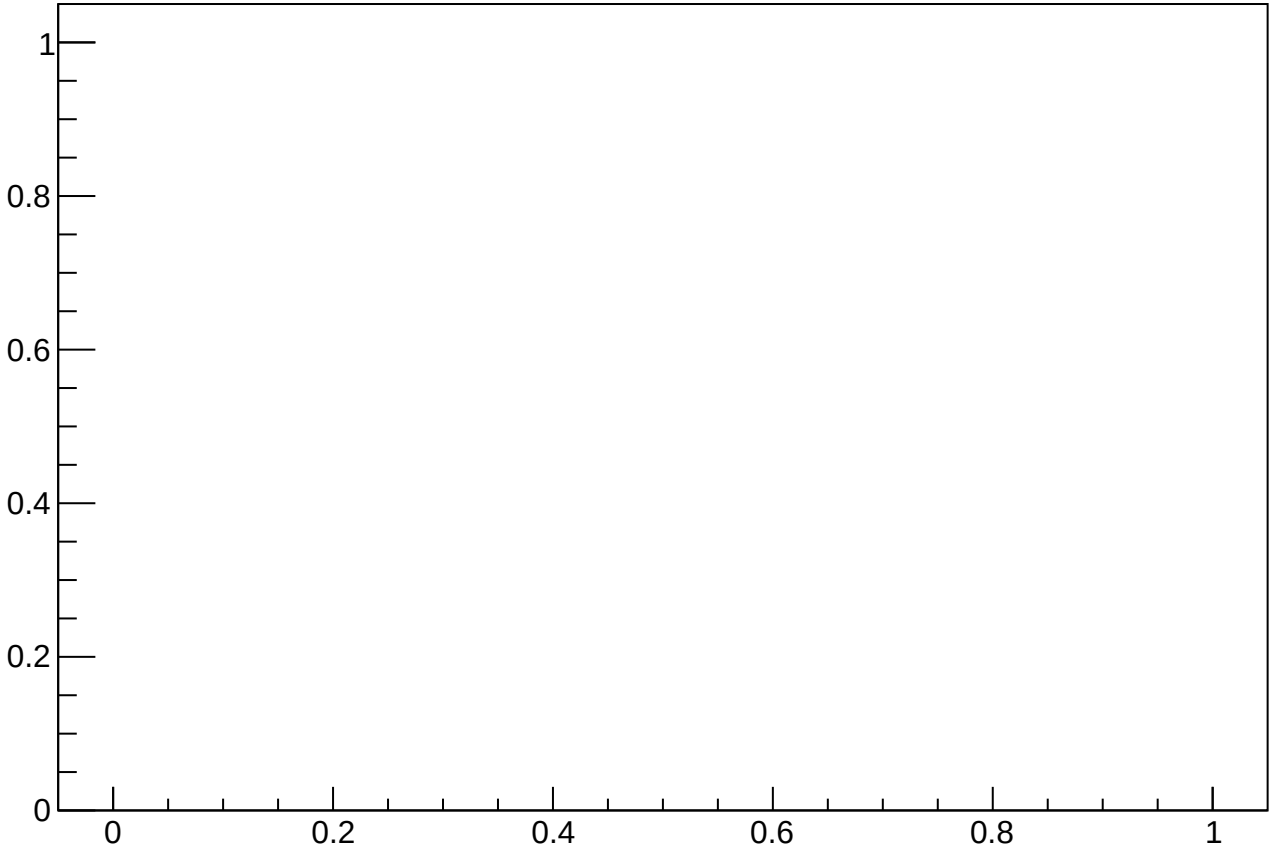
dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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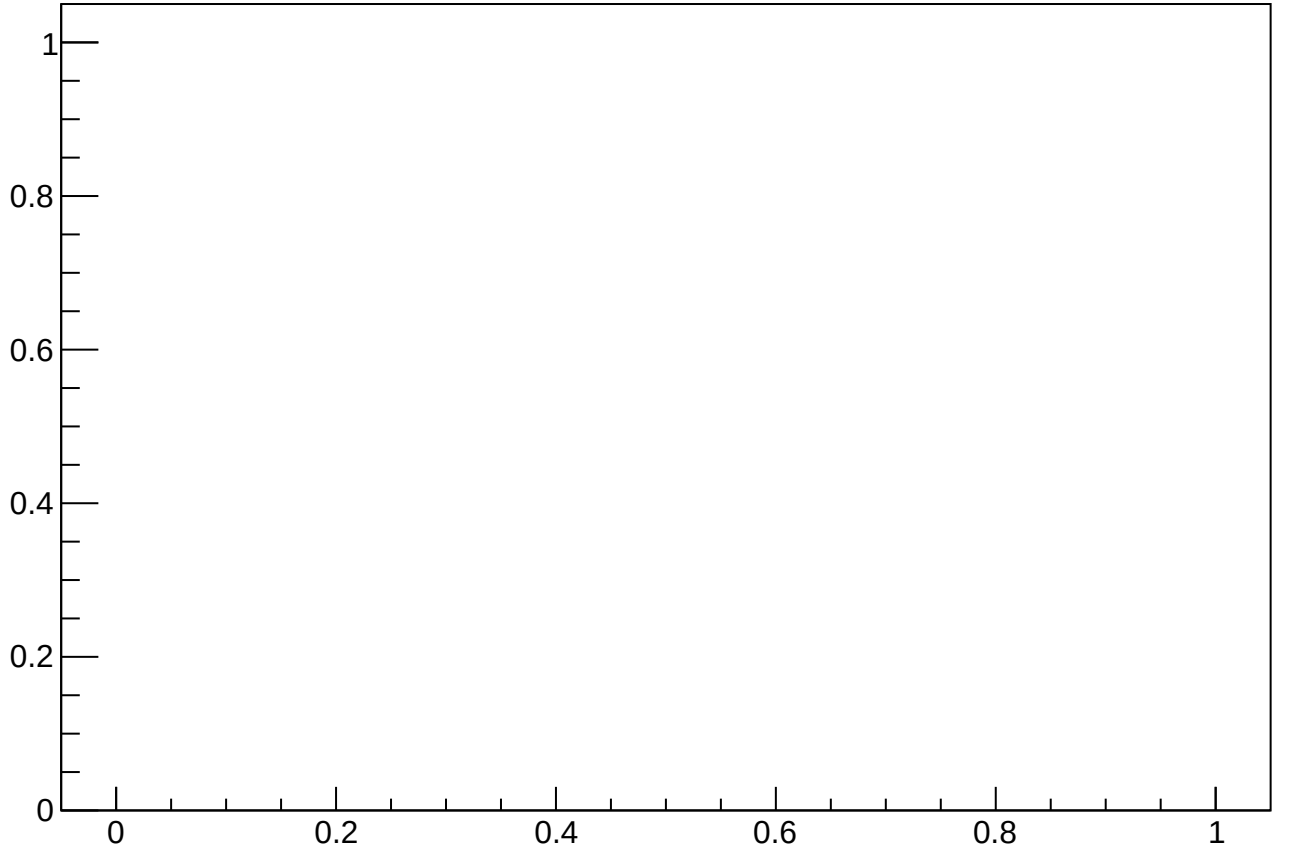
dit_11X12X_coil4_mean vs Slug, Sign Corrected



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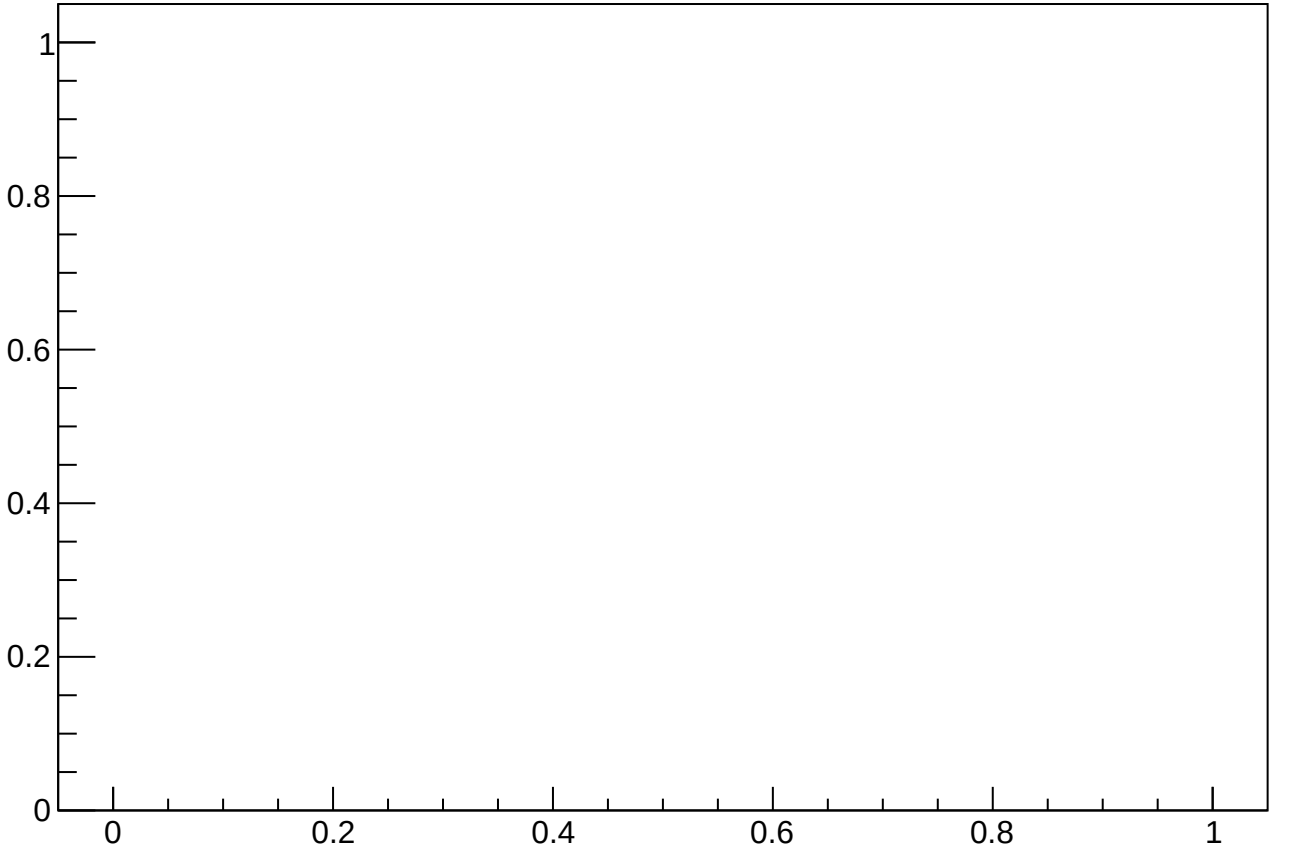

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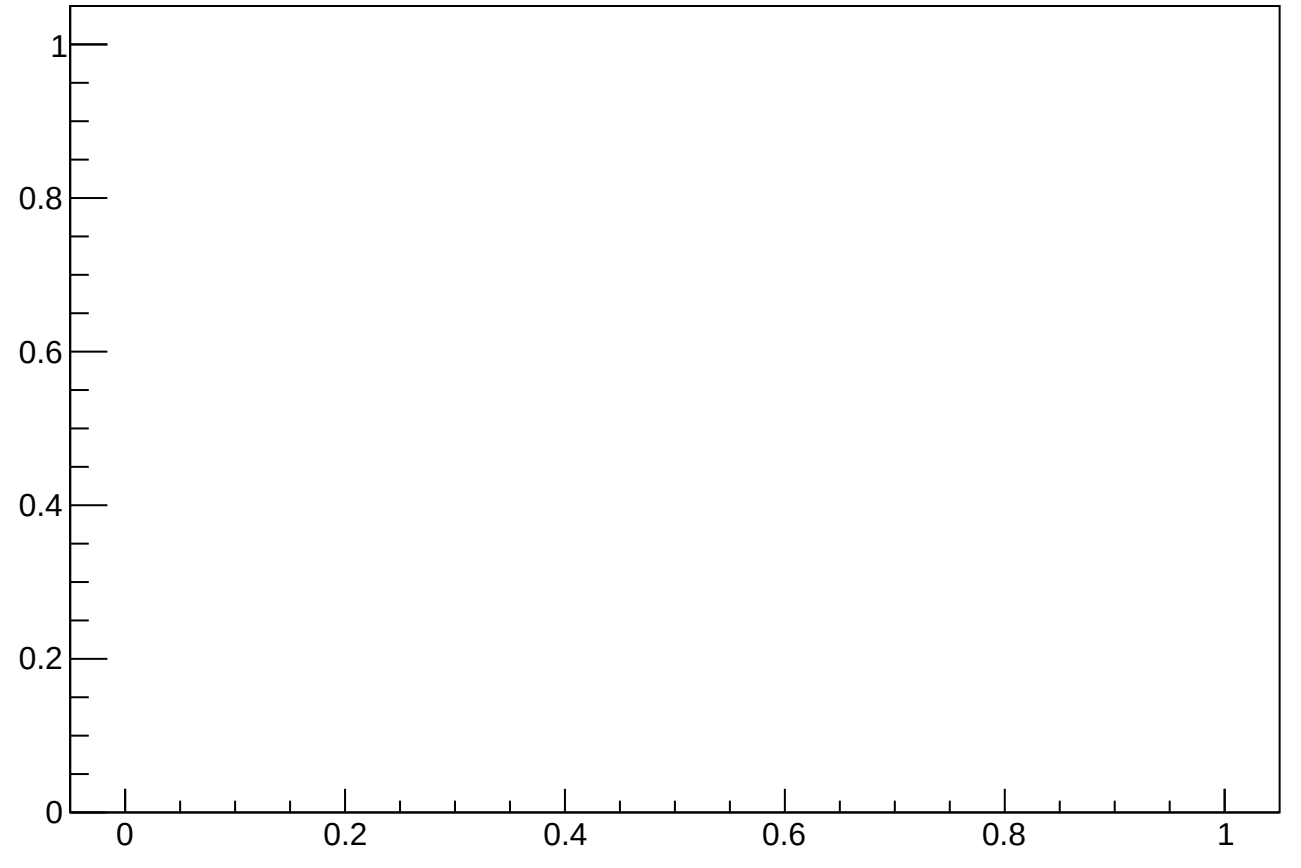

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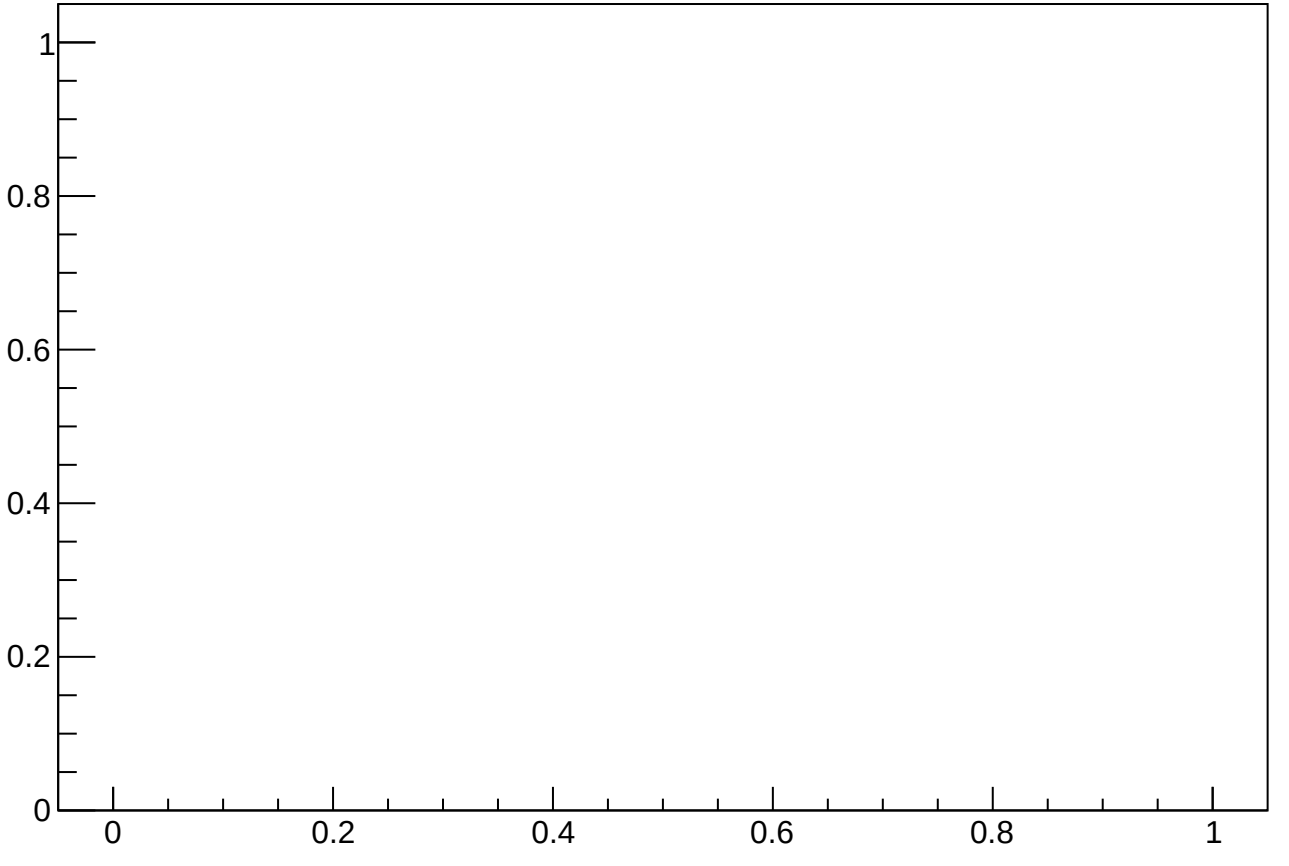
dit_4aY_coil4_mean vs Slug, Sign Corrected



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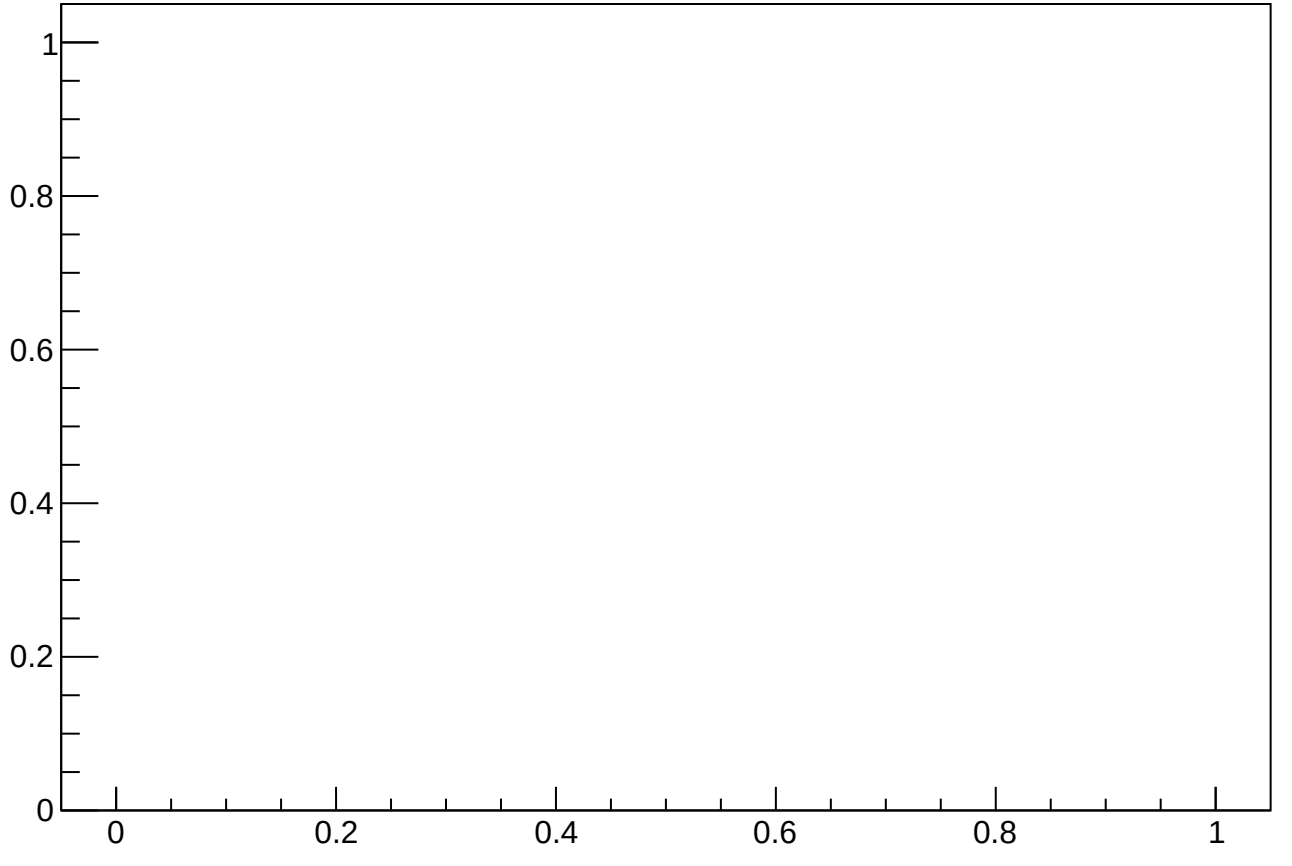
dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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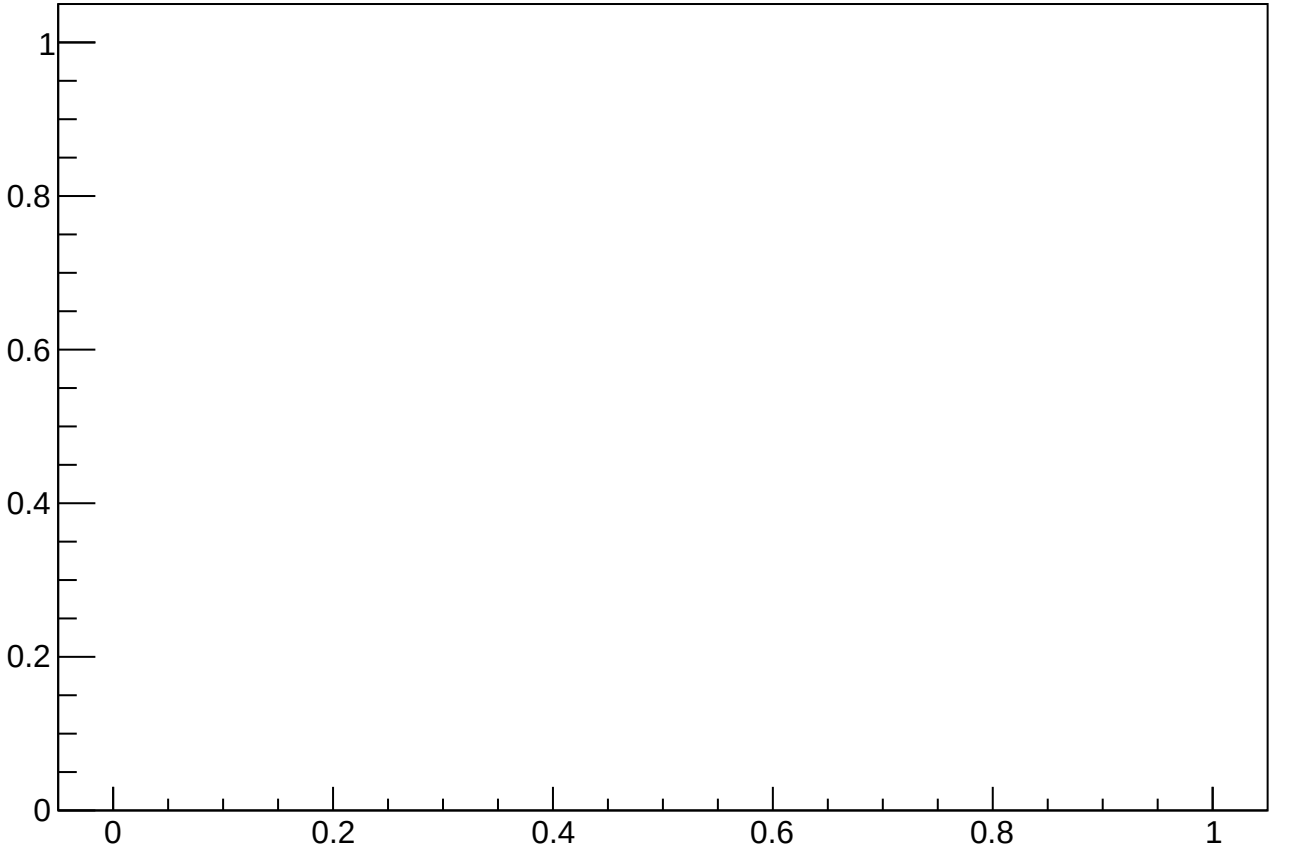
dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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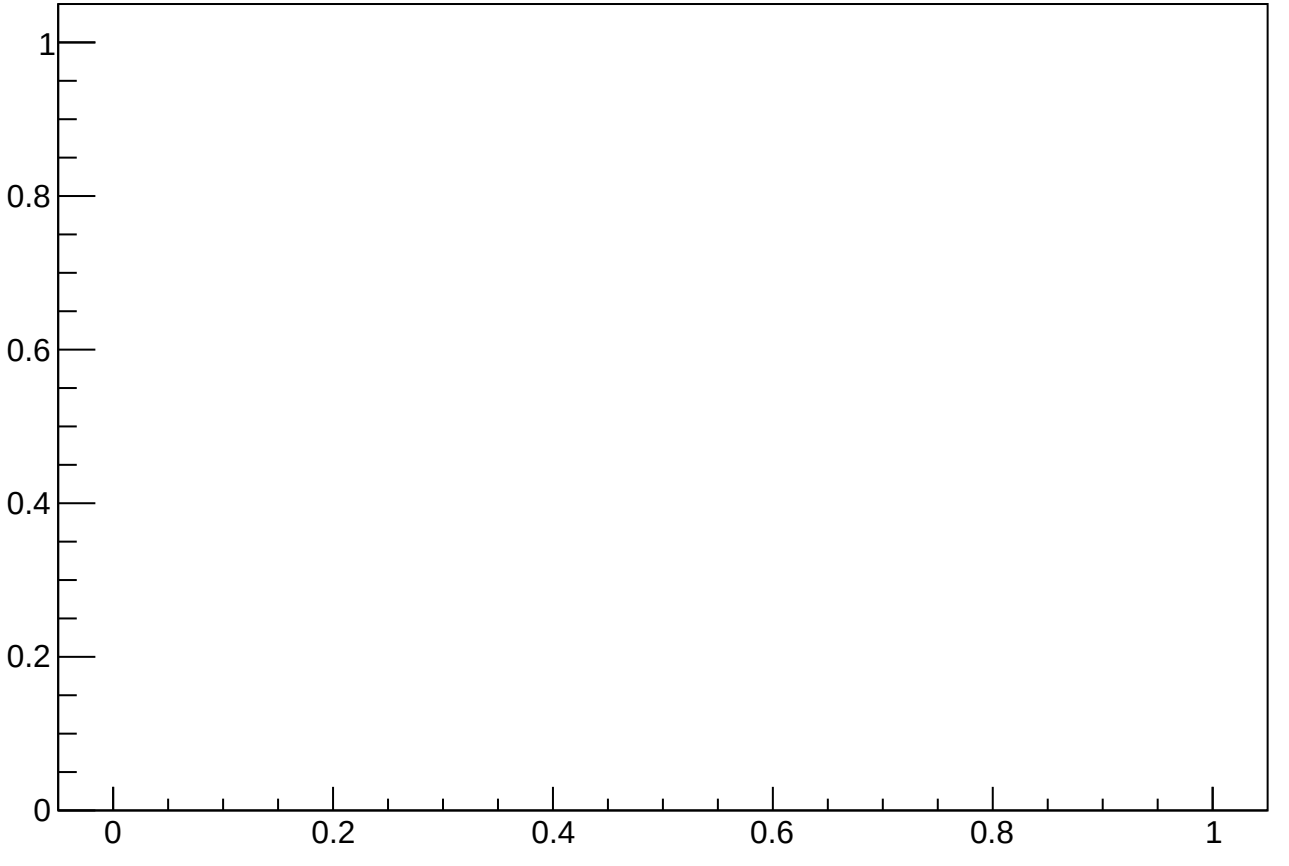

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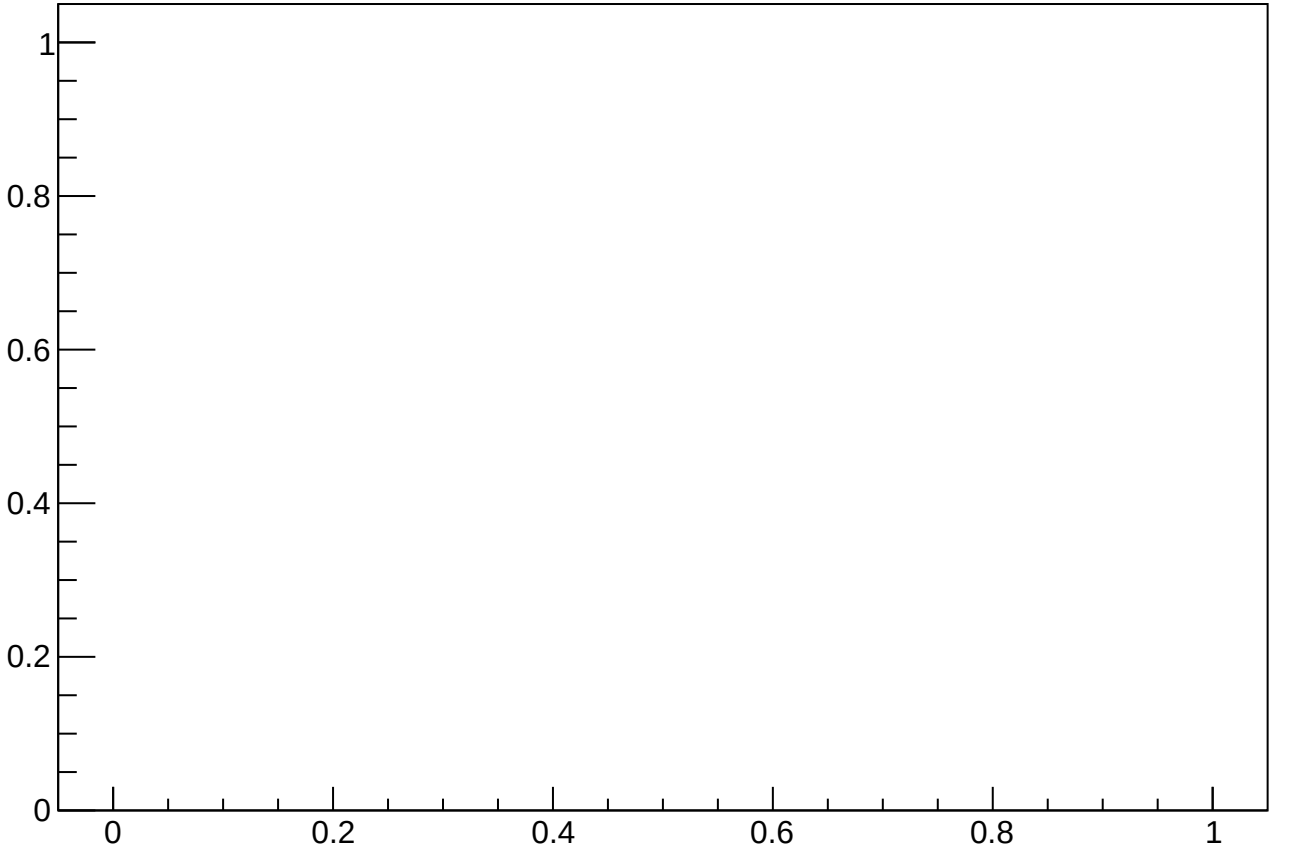

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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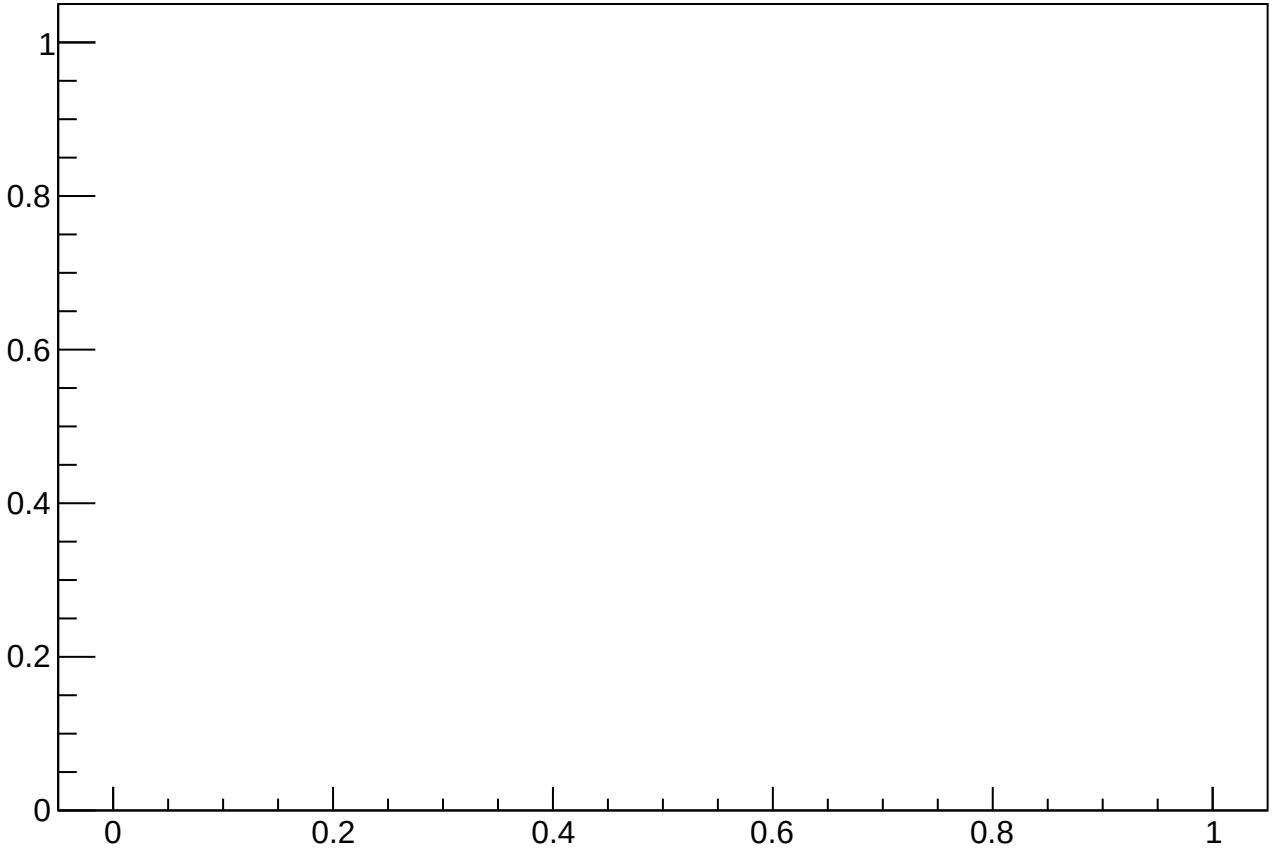
dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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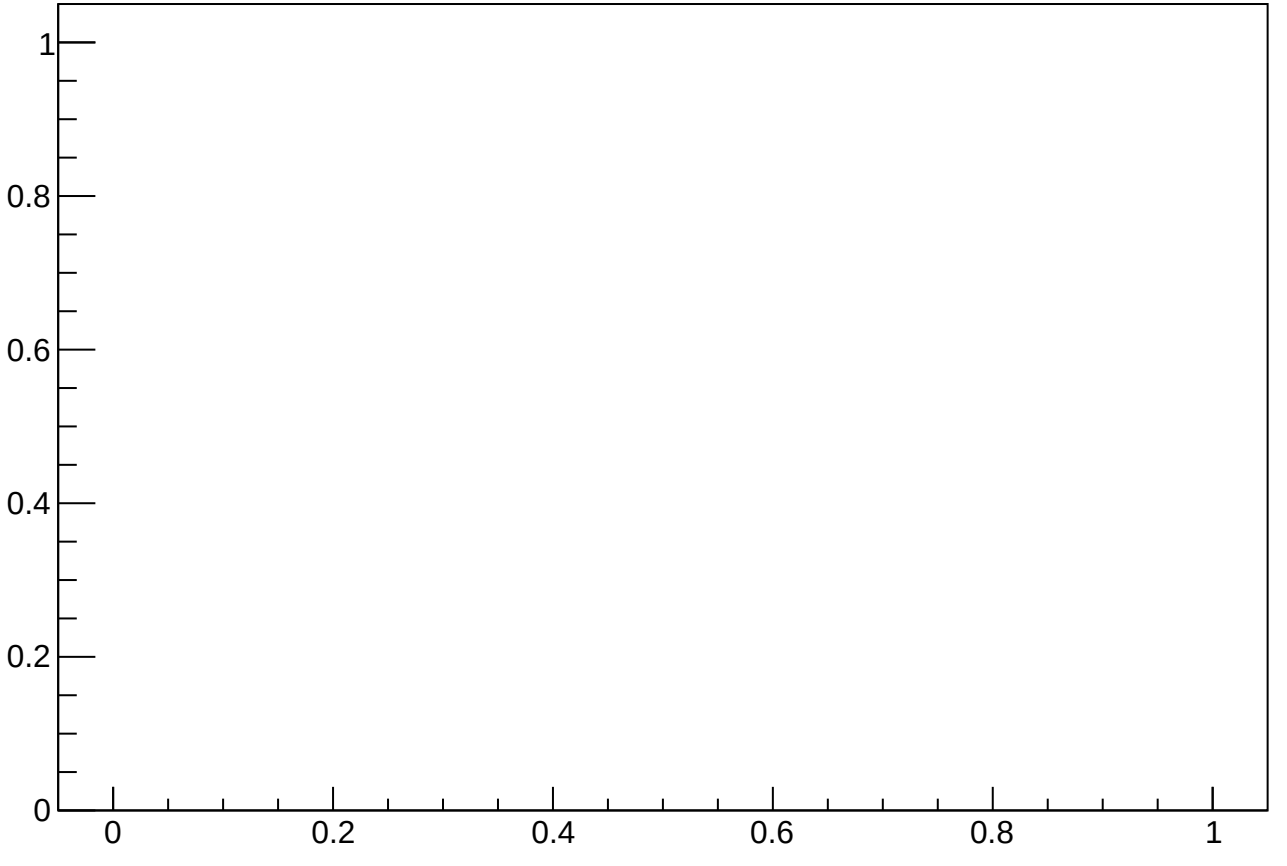
dit_usl_coil4_mean vs Slug, Sign Corrected



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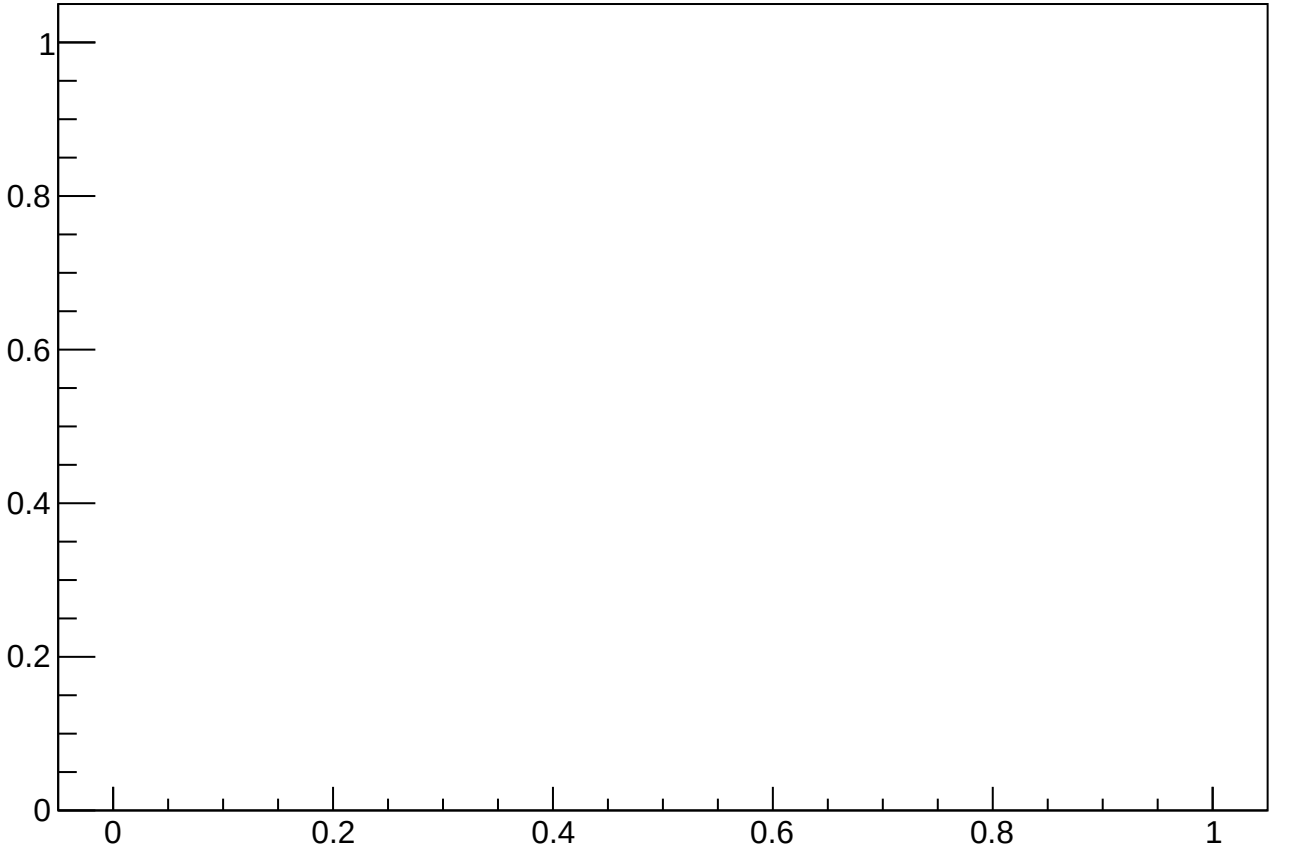
dit_usl_coil4_err_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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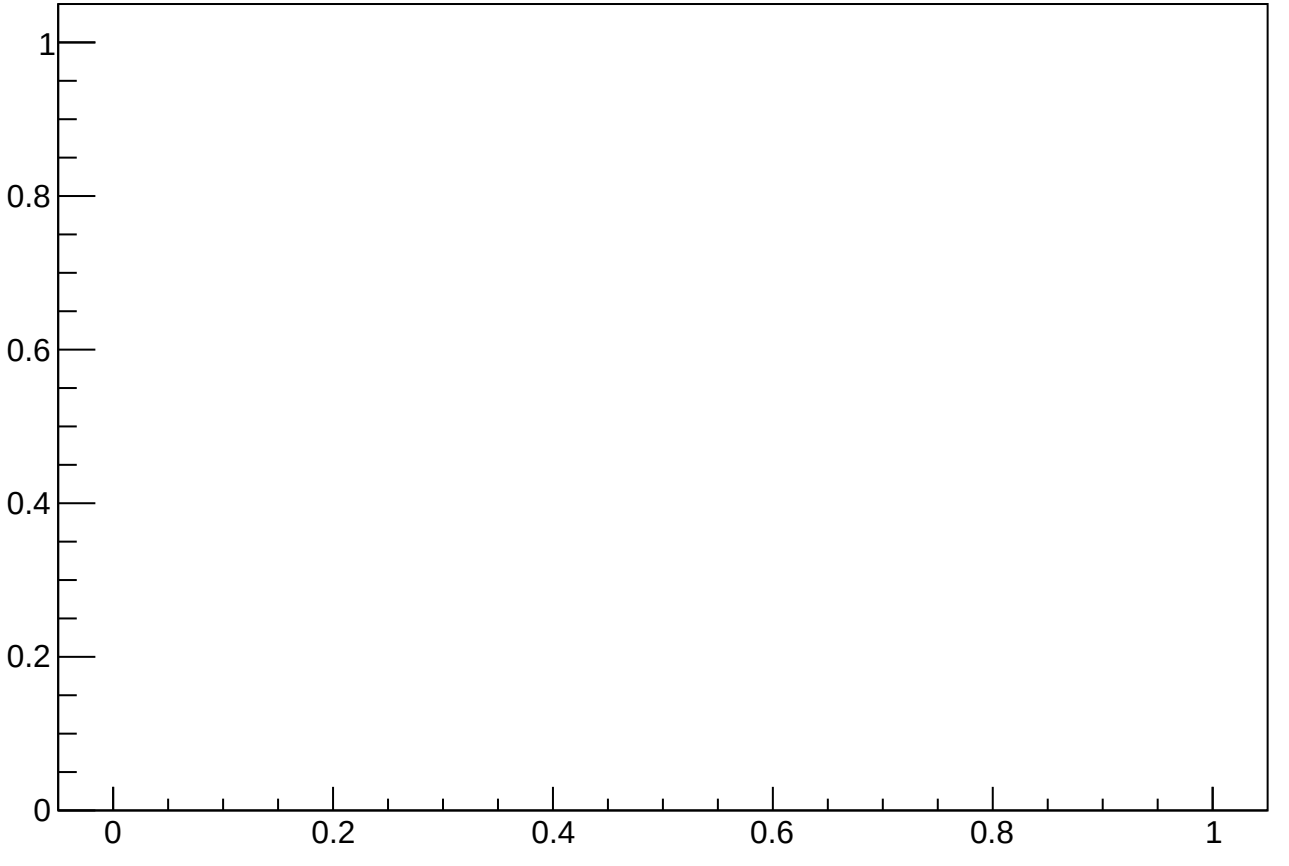
dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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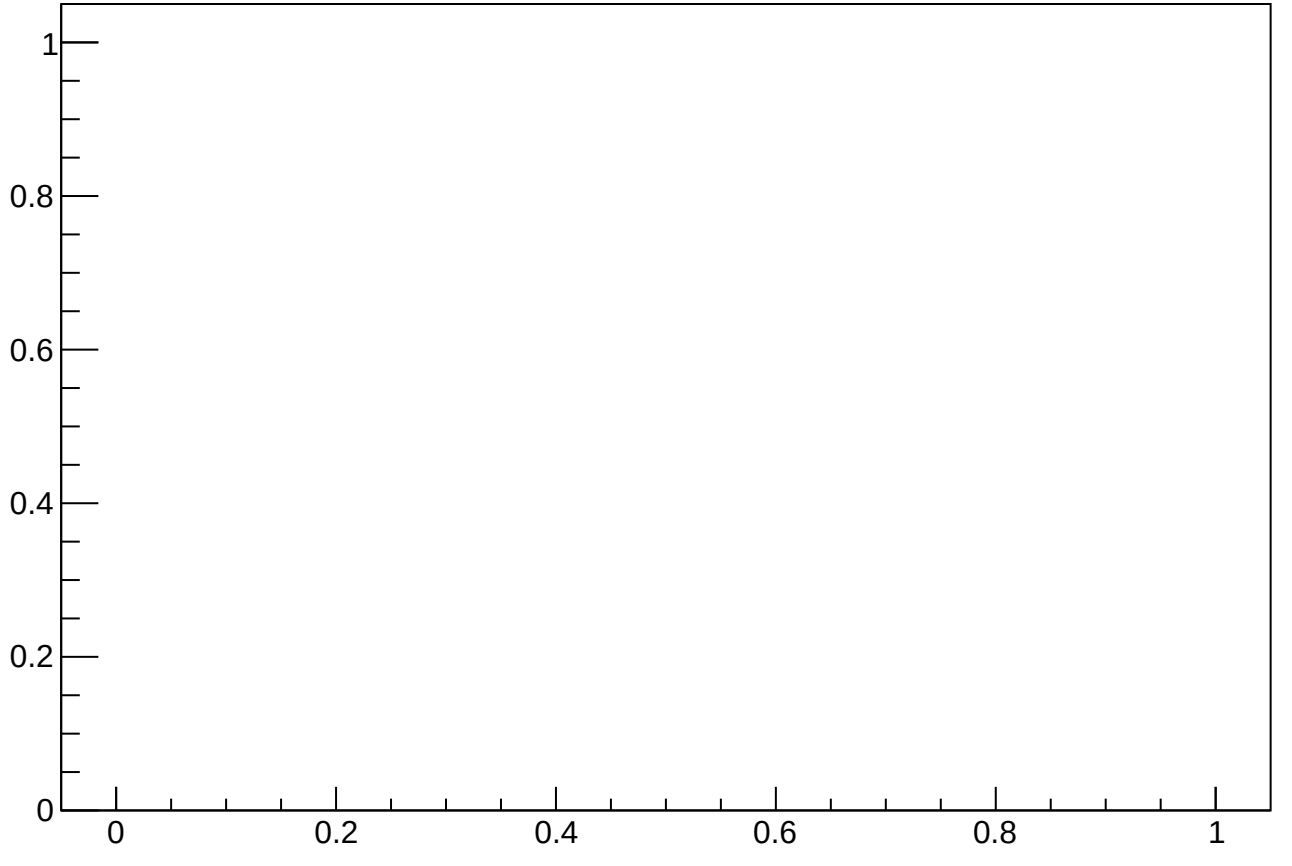
dit_usr_coil4_mean vs Slug, Sign Corrected



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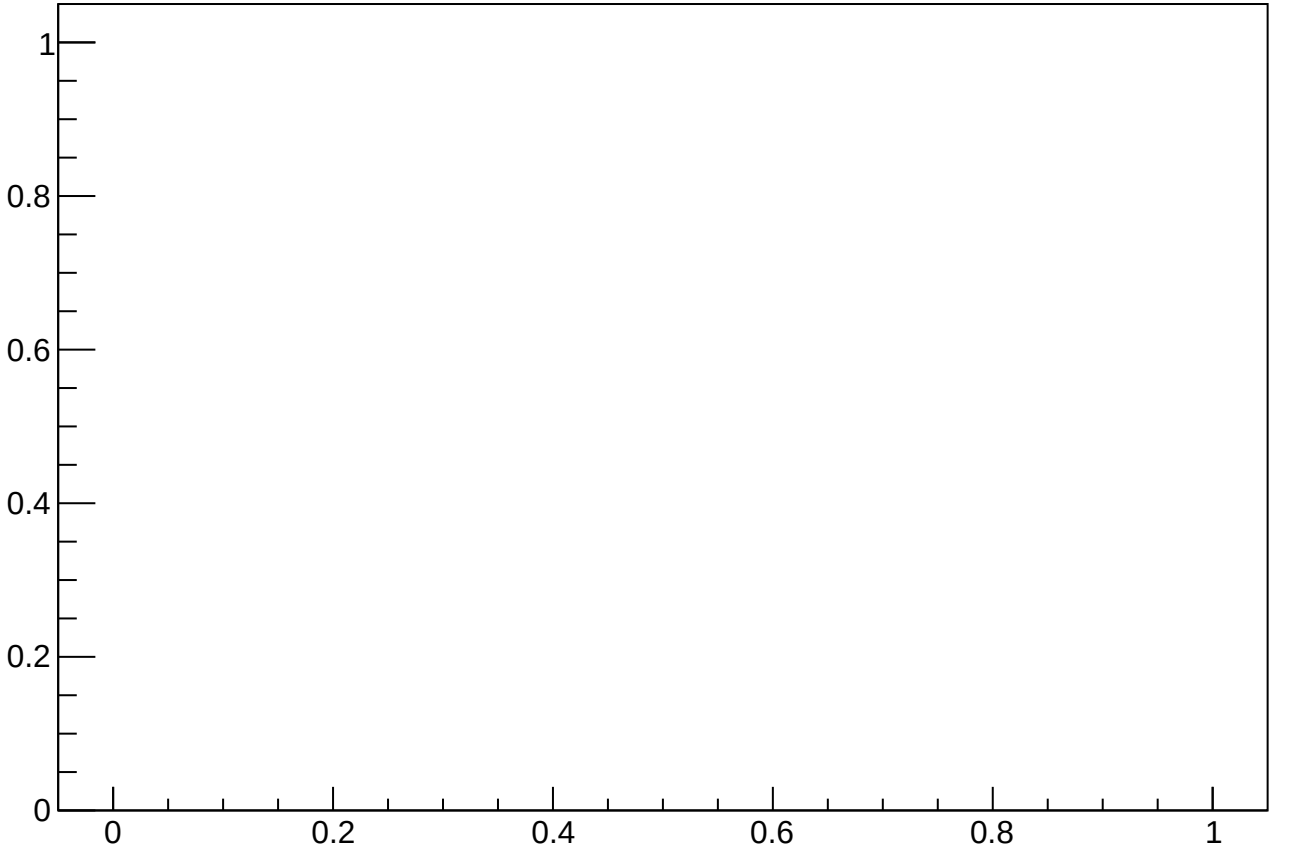
dit_usr_coil4_err_mean vs Slug, Sign Corrected



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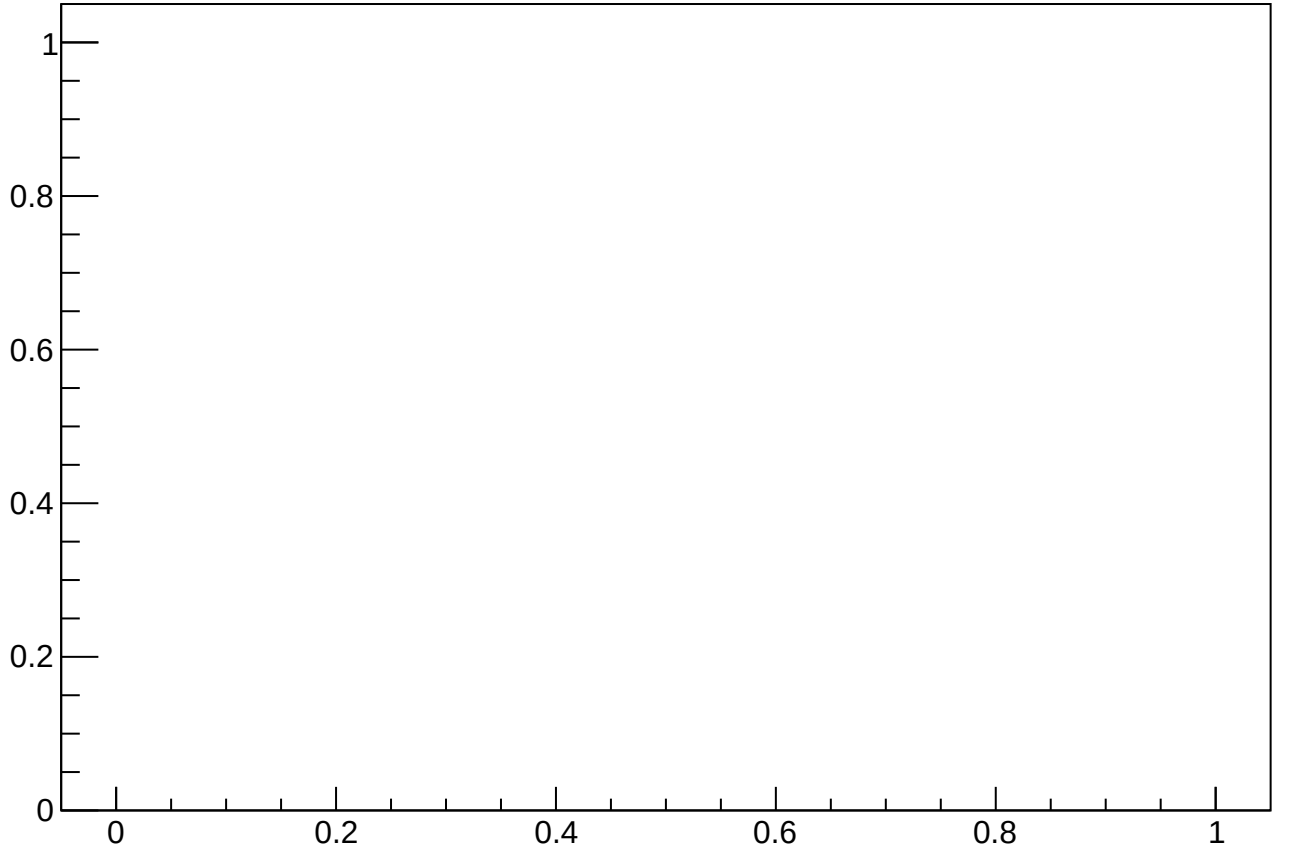
dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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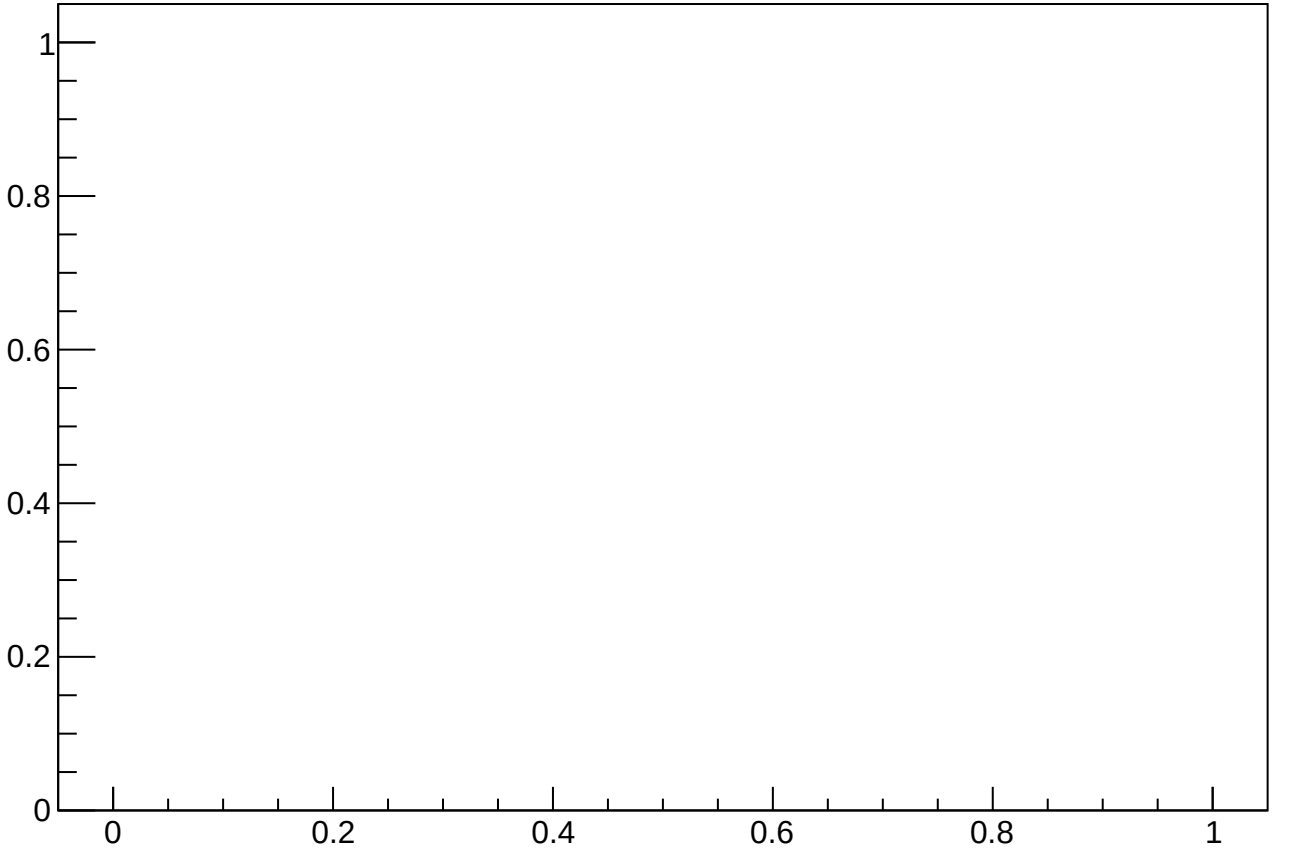
dit_atl1_coil4_mean vs Slug, Sign Corrected



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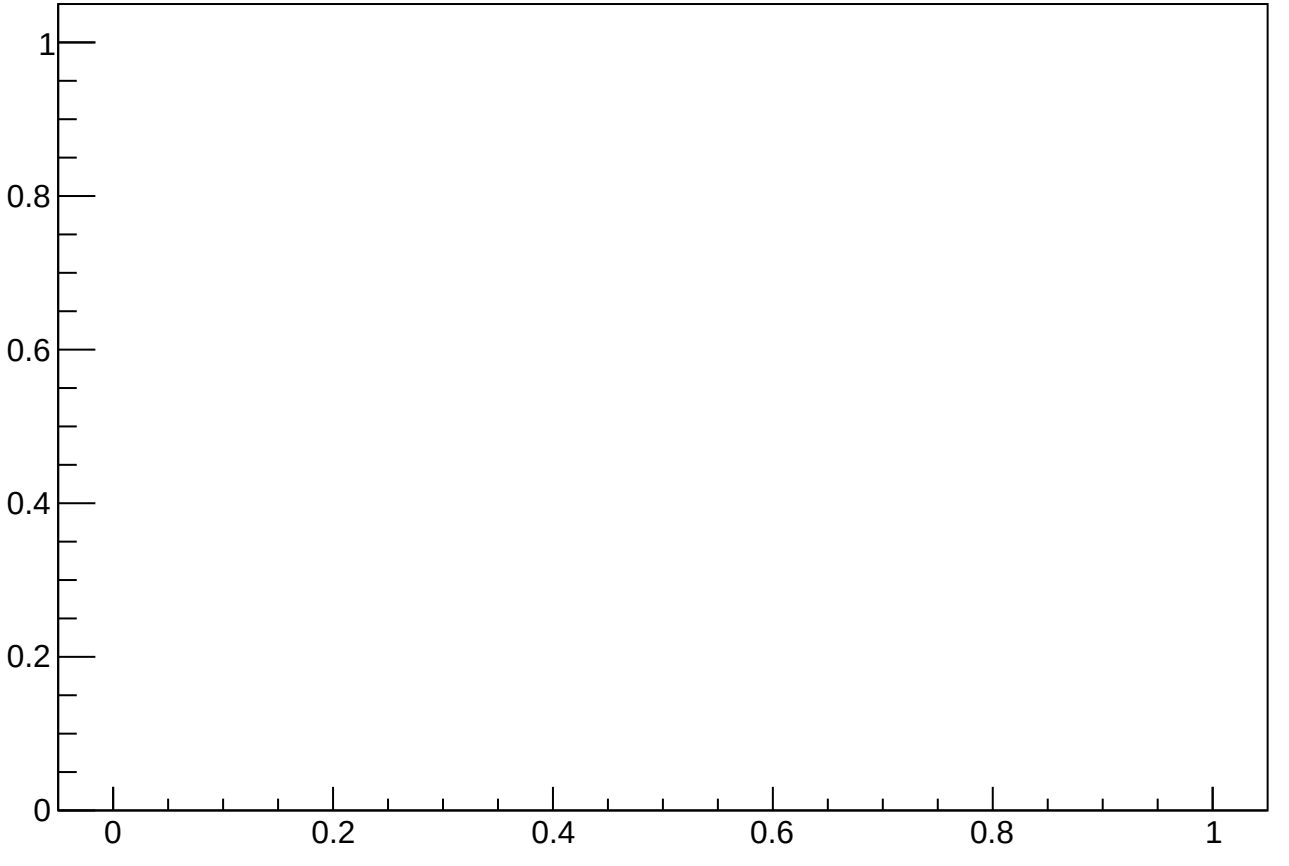
dit_atl1_coil4_err_mean vs Slug, Sign Corrected



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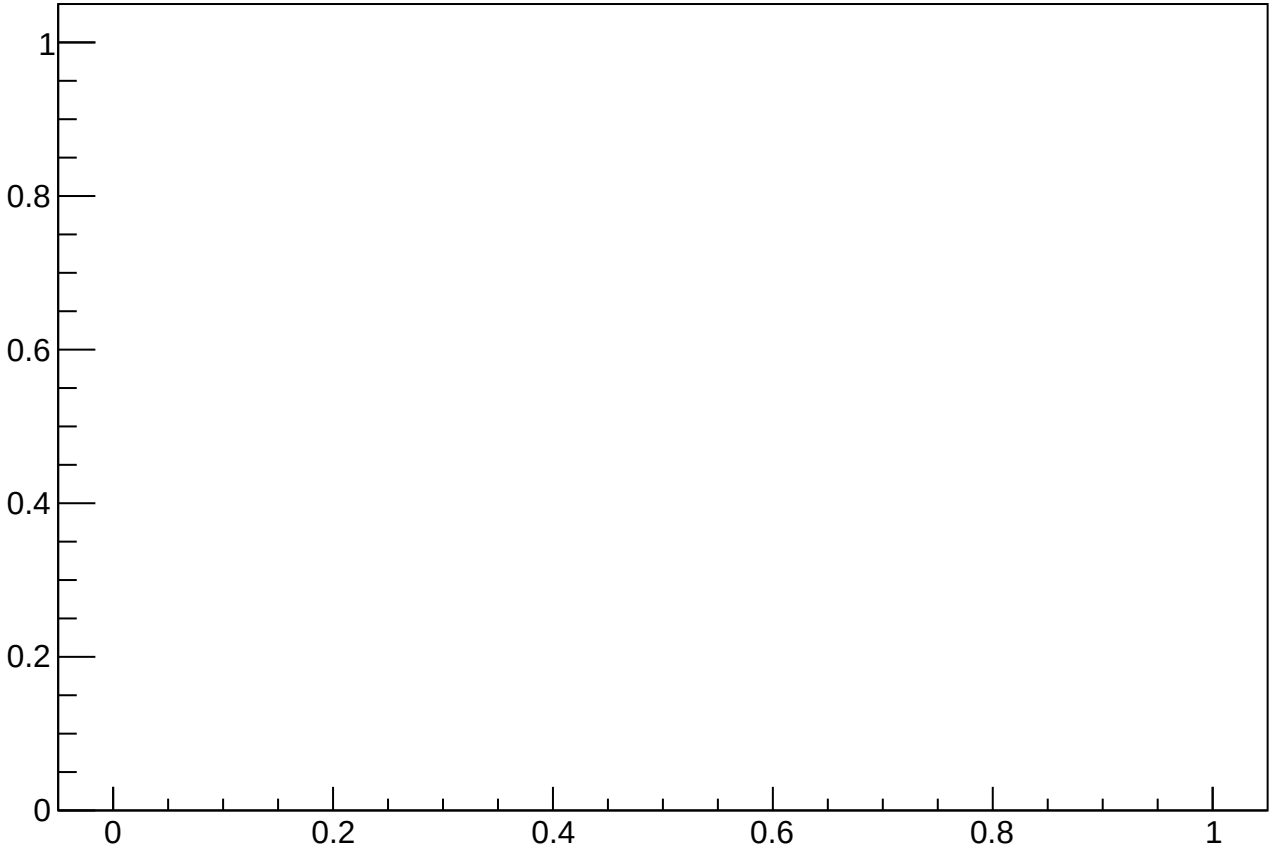

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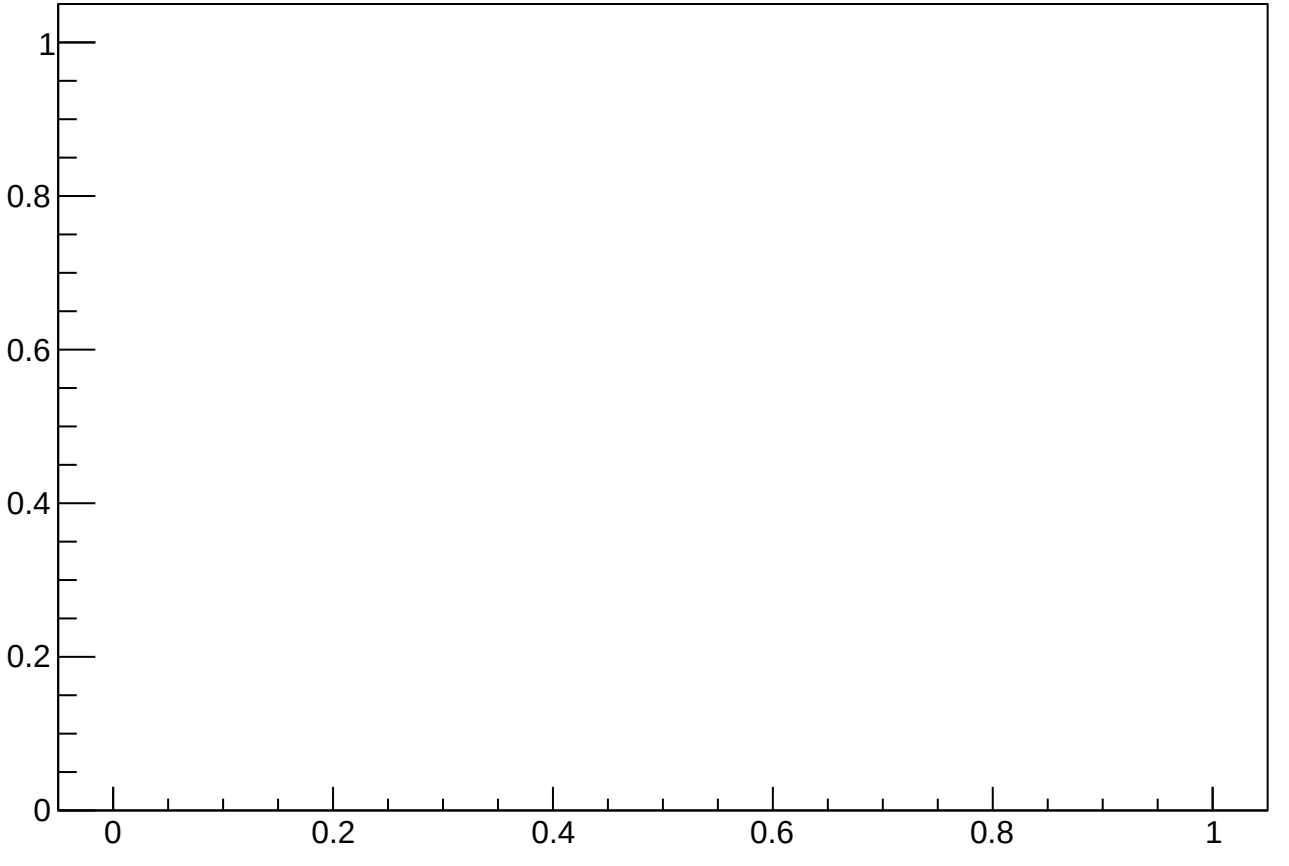
dit_atl2_coil4_mean vs Slug, Sign Corrected



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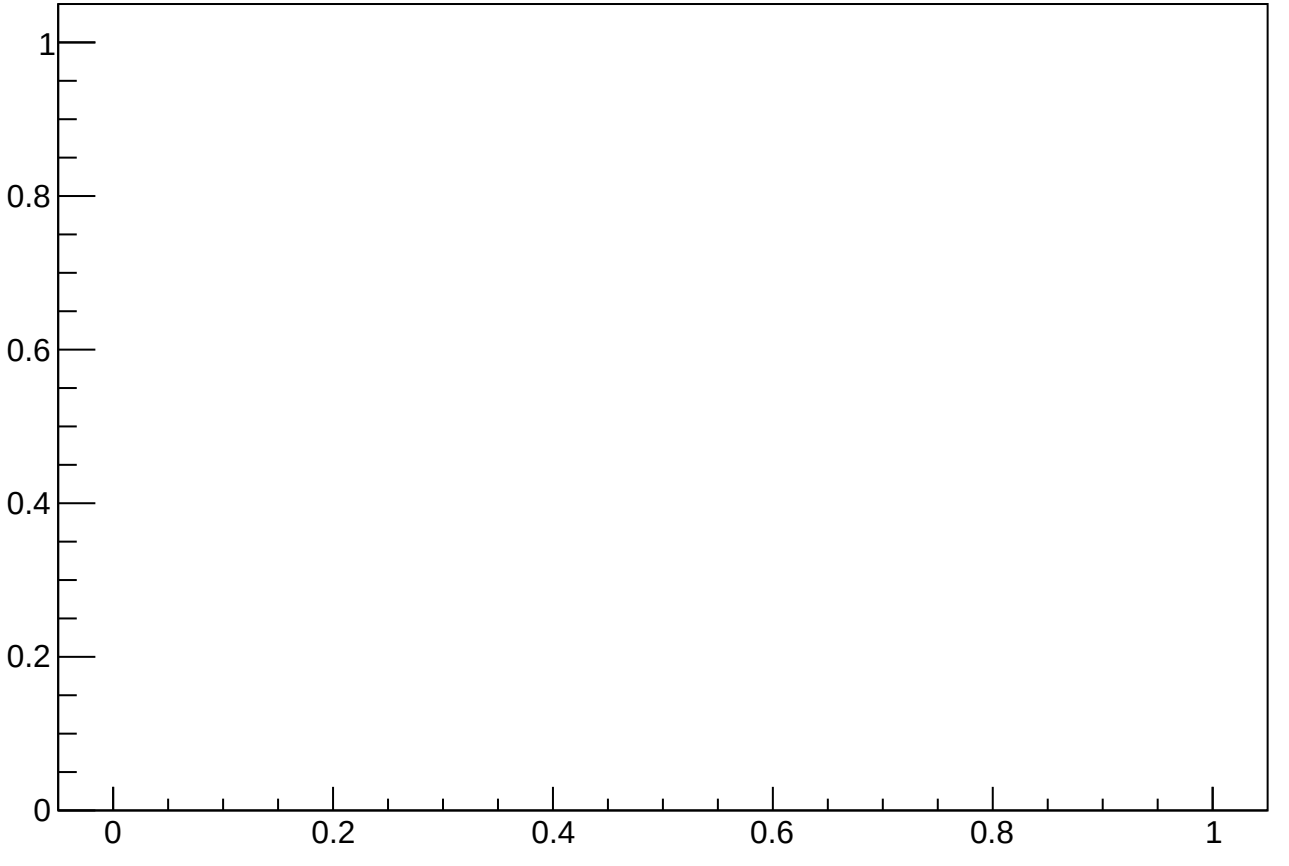

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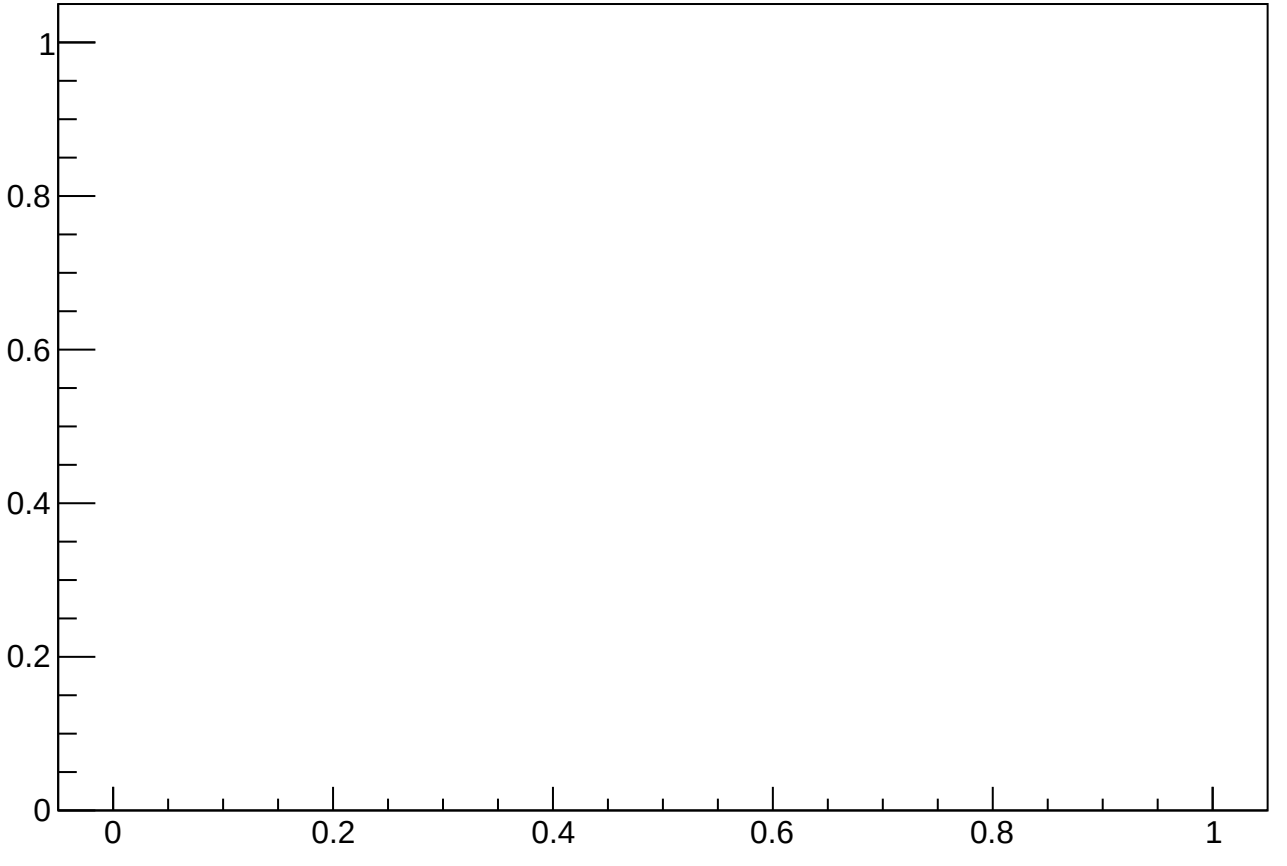

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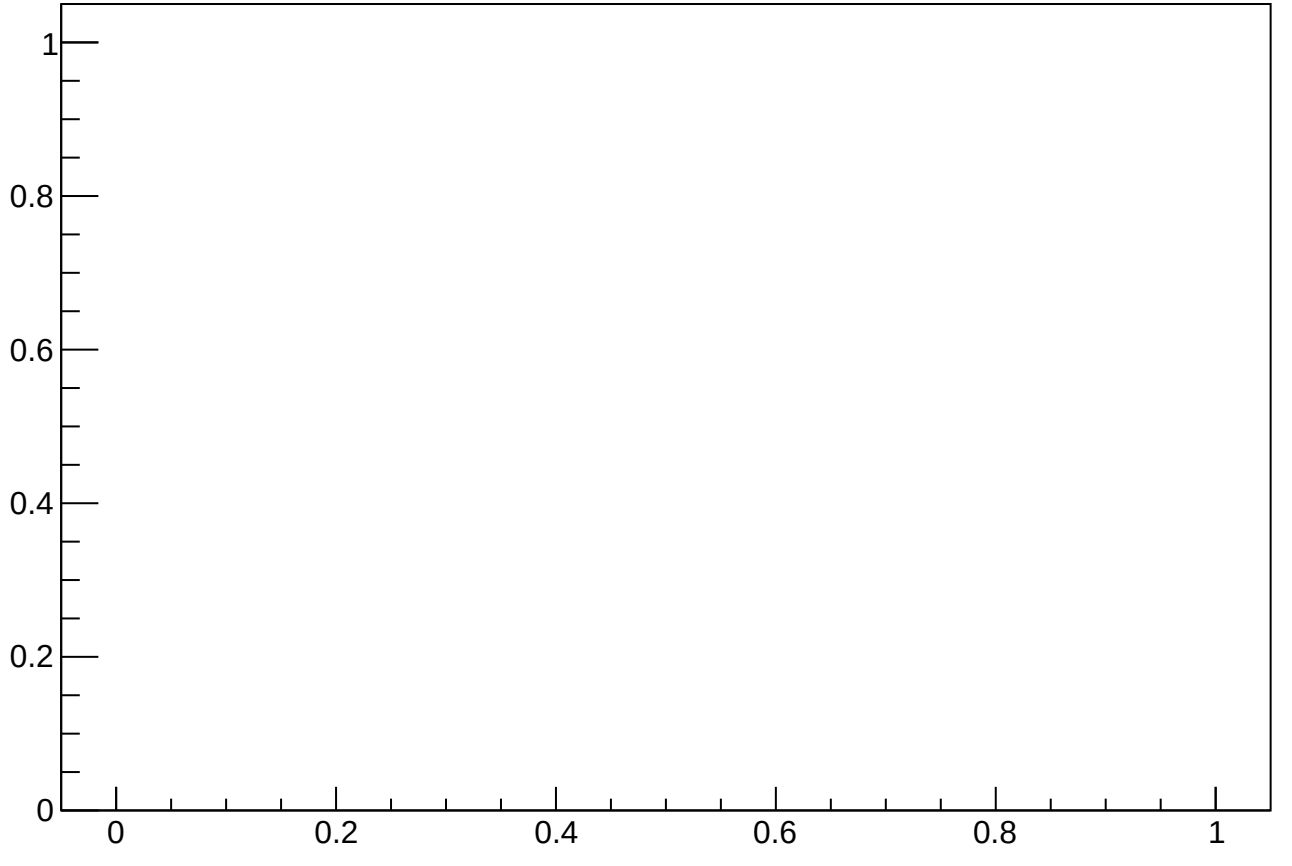

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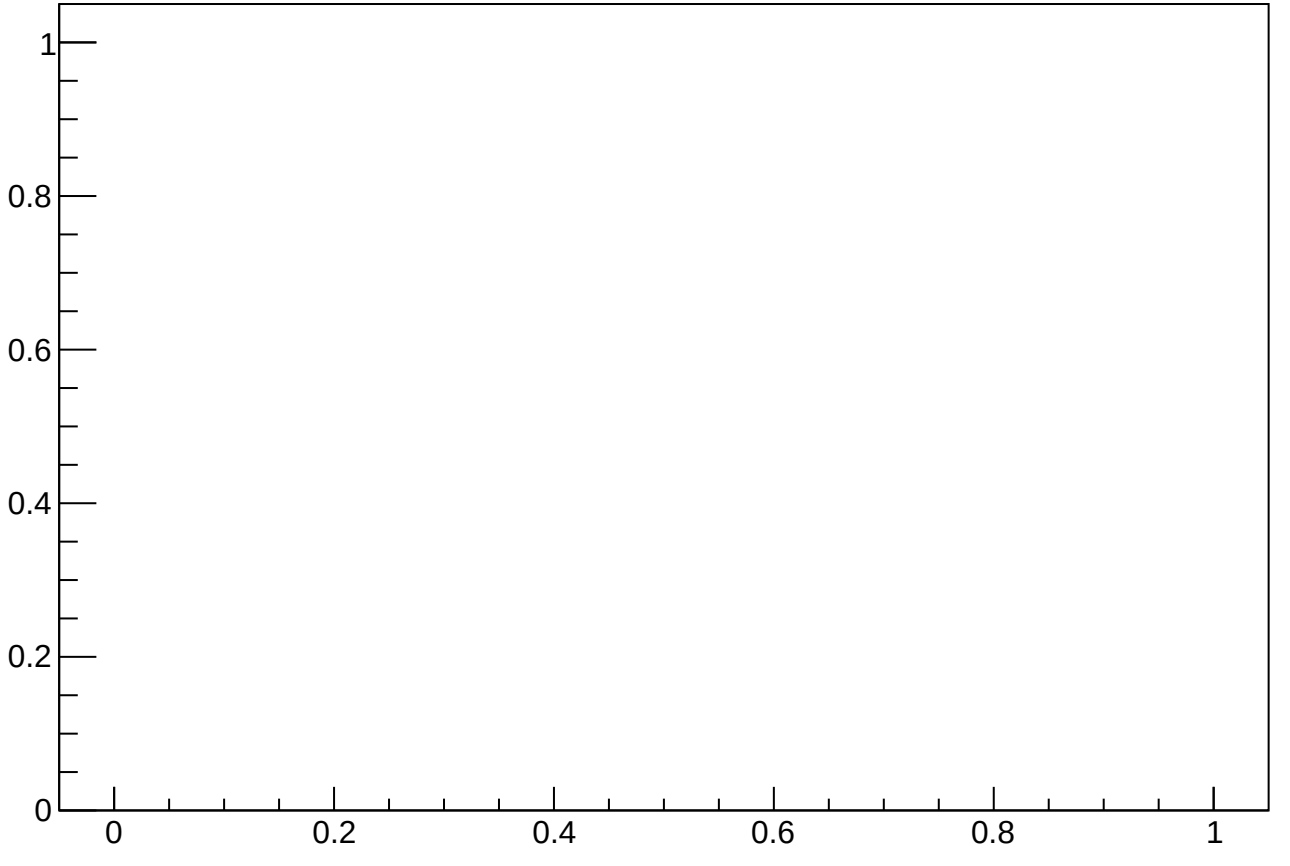
dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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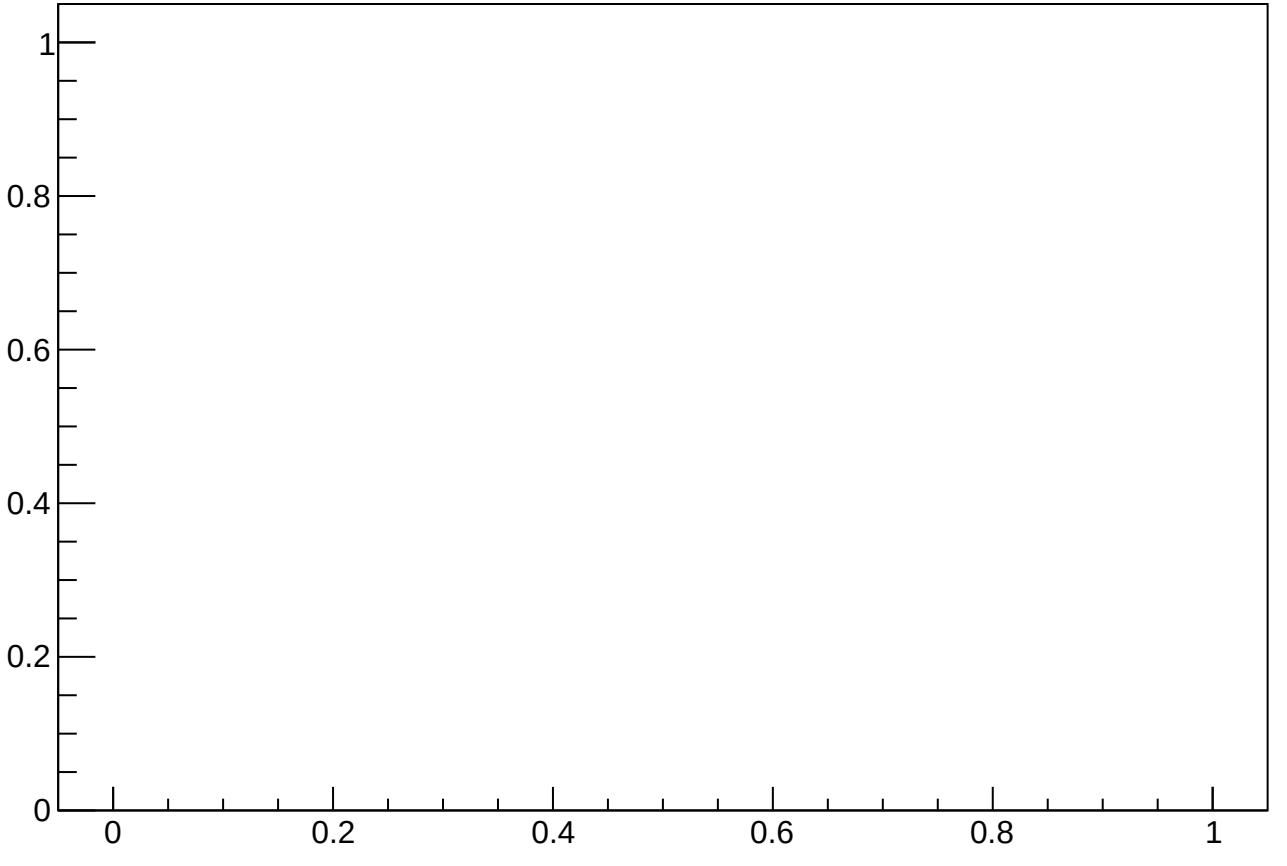
dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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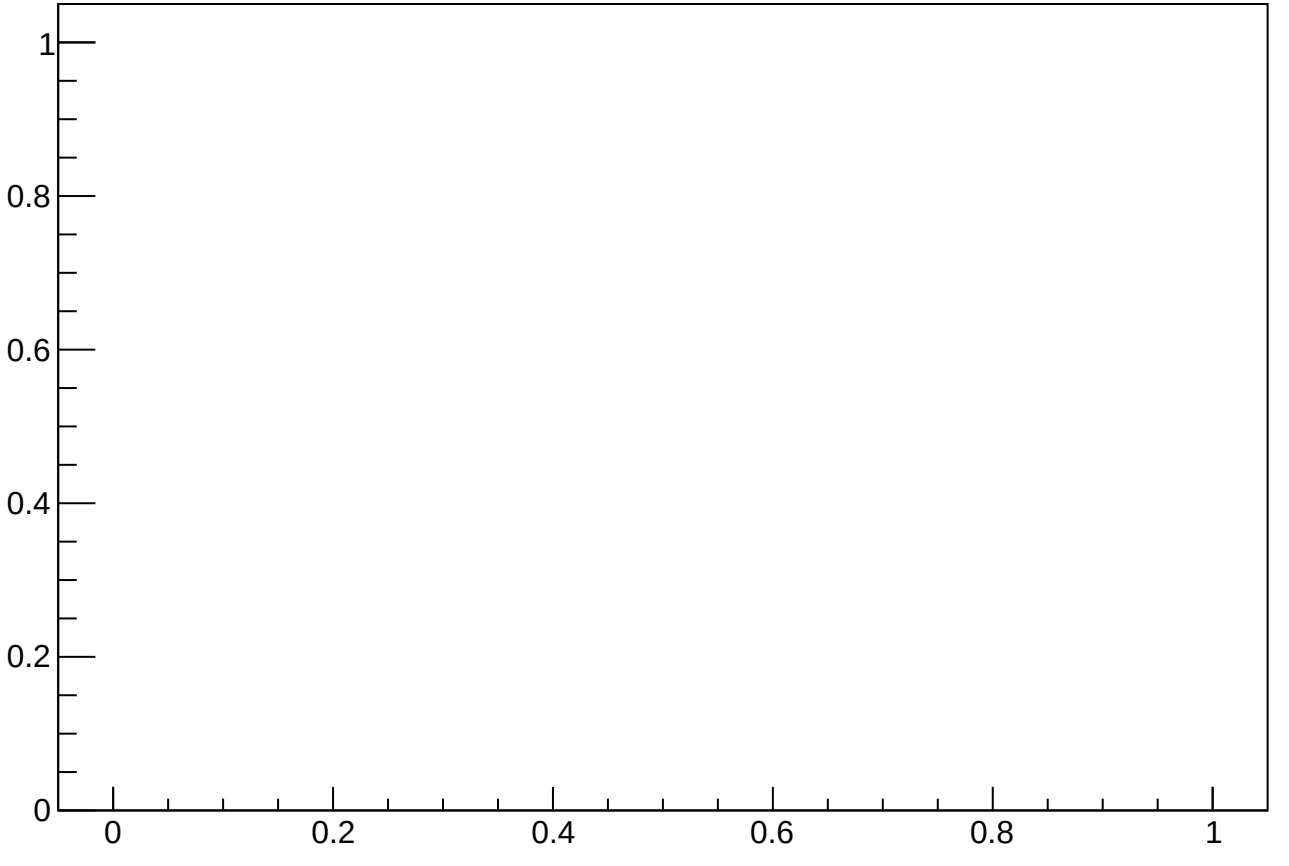
dit_atr2_coil4_mean vs Slug, Sign Corrected



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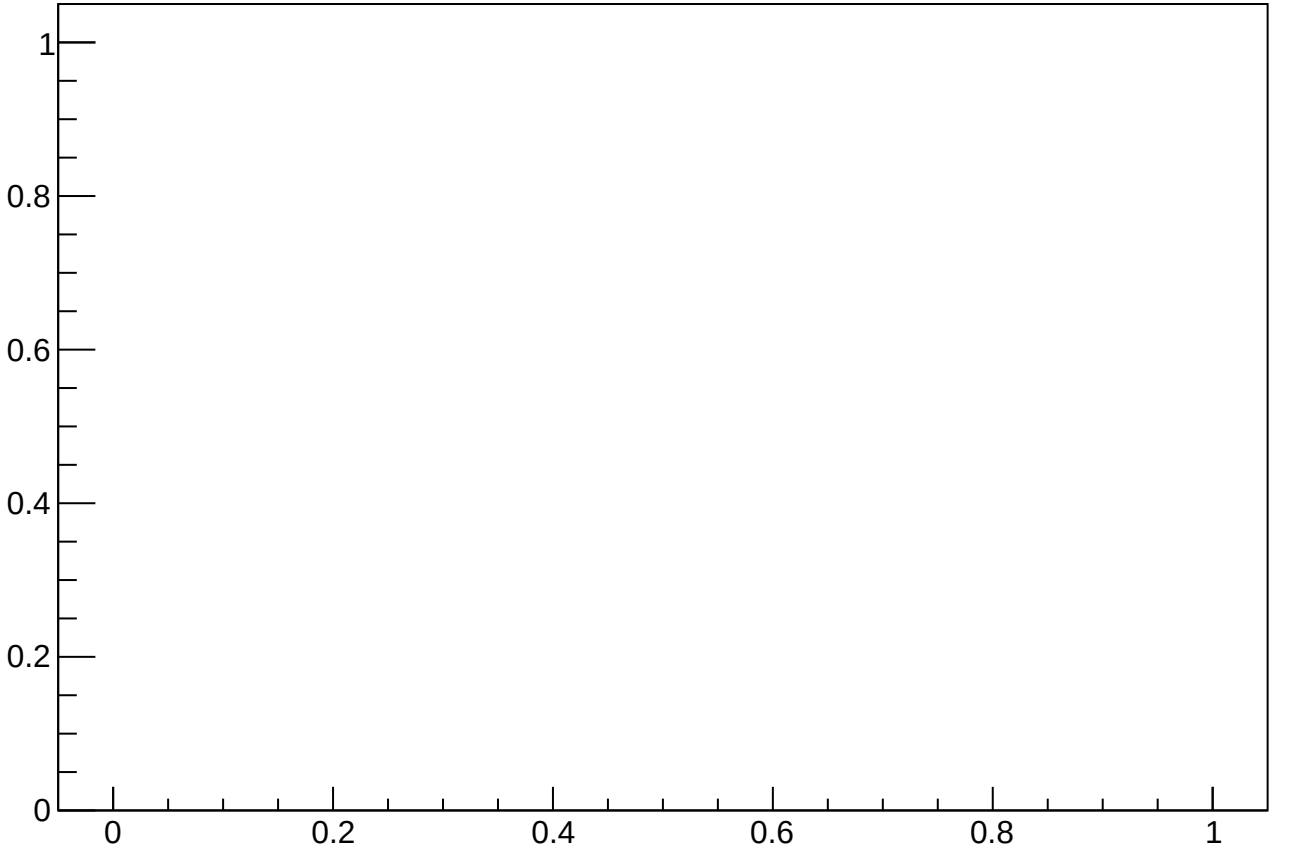
dit_atr2_coil4_err_mean vs Slug, Sign Corrected



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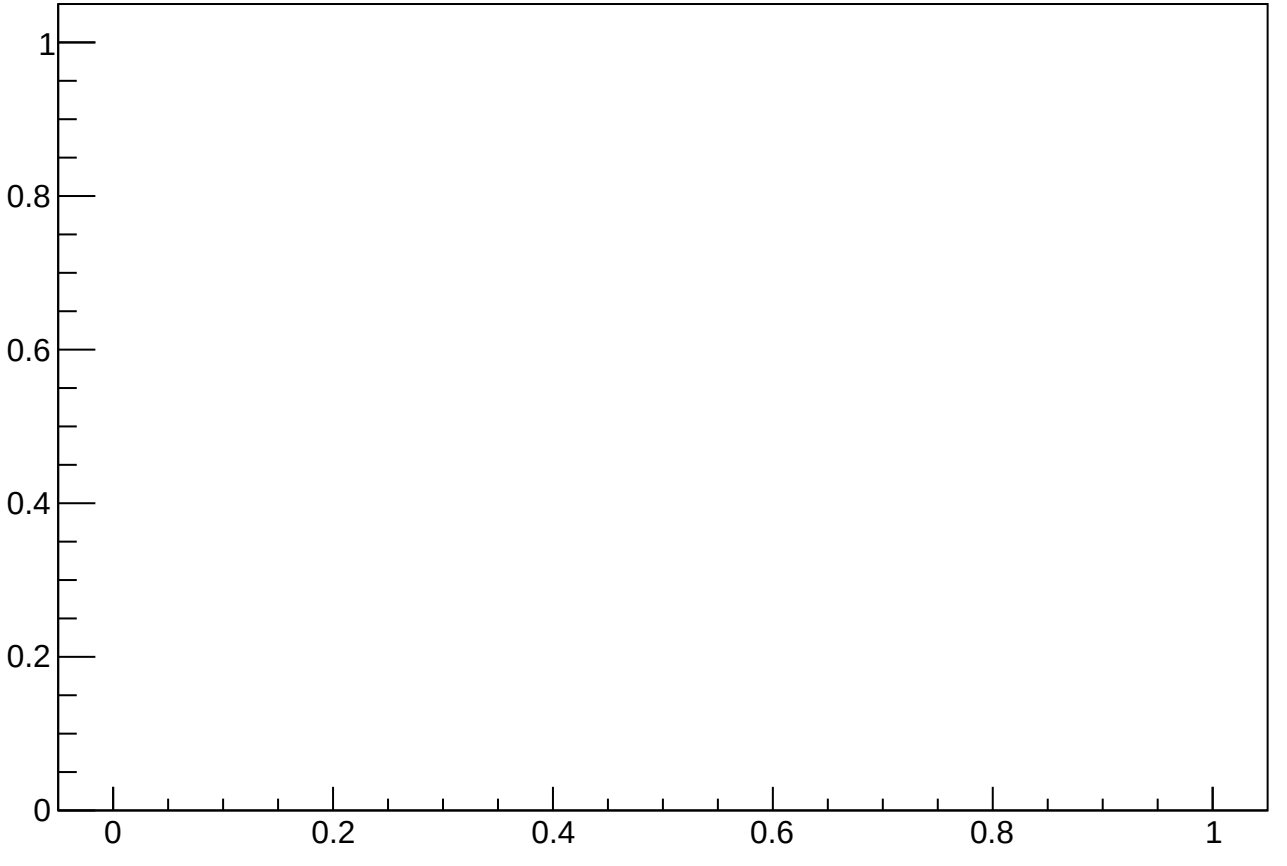
dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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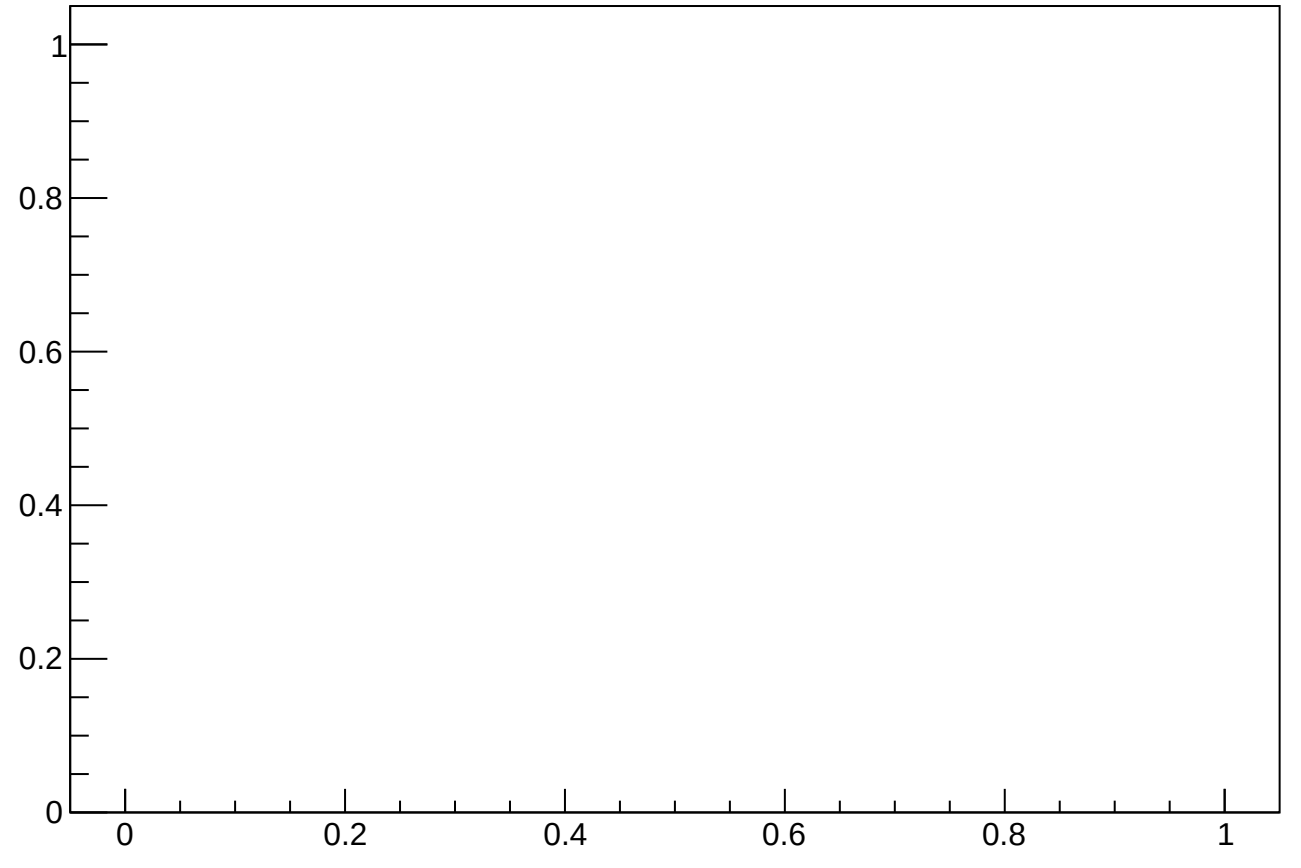

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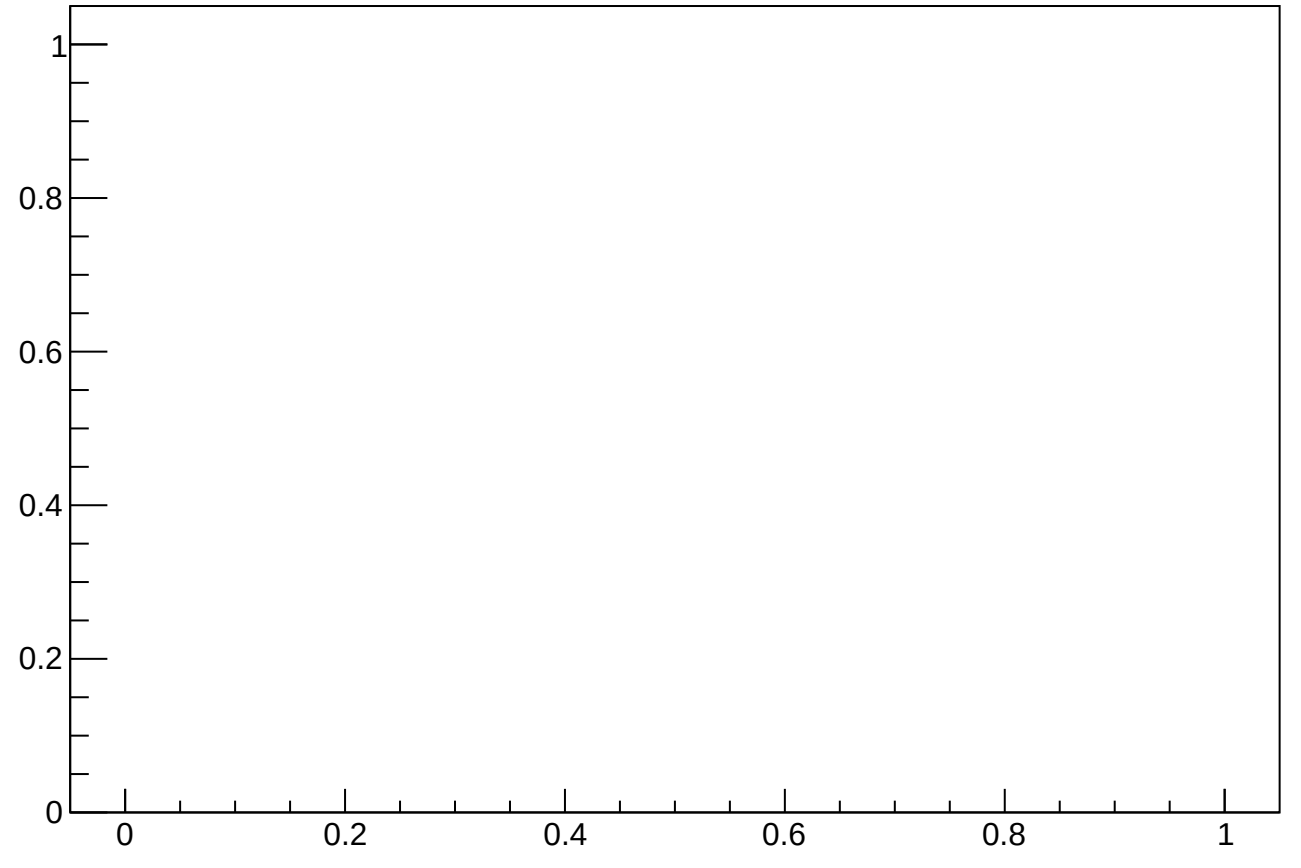

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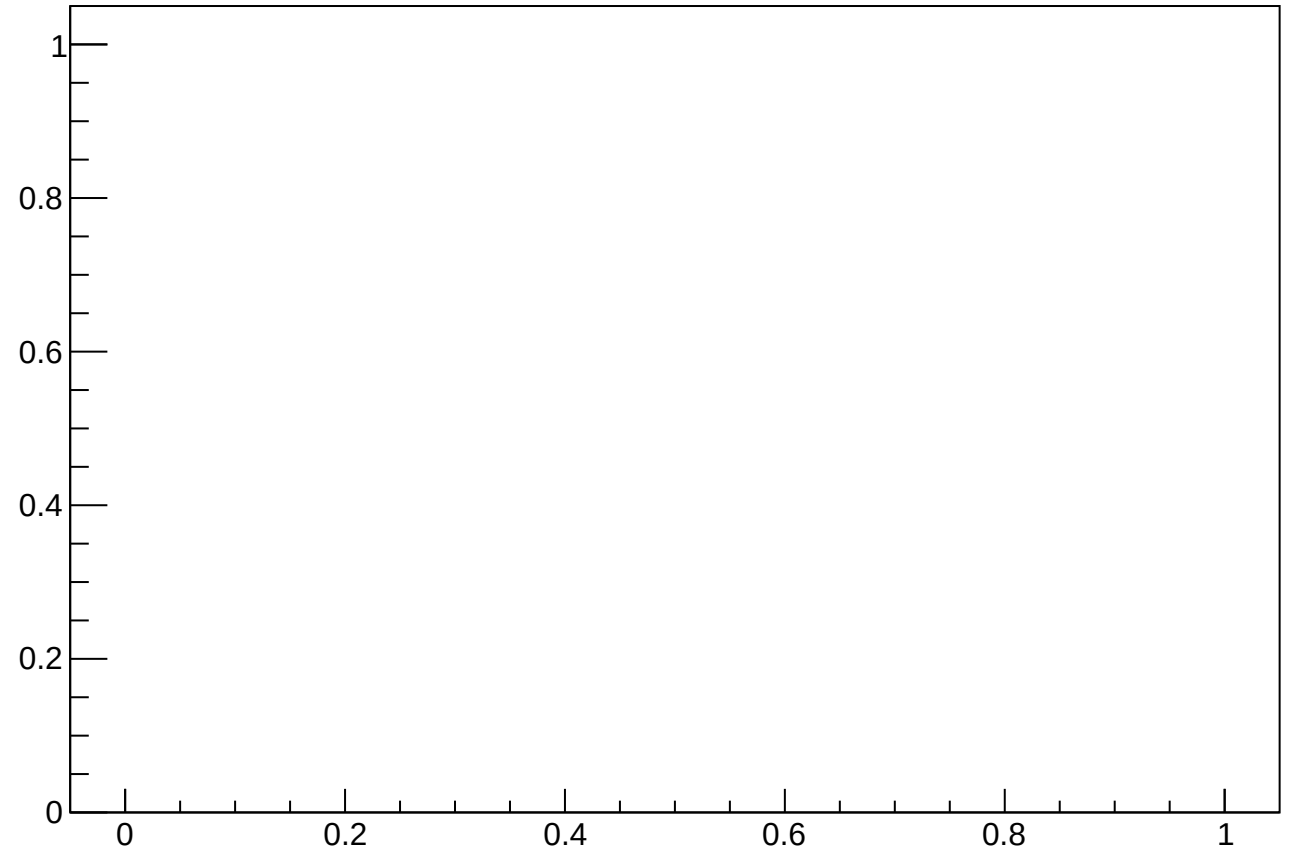

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

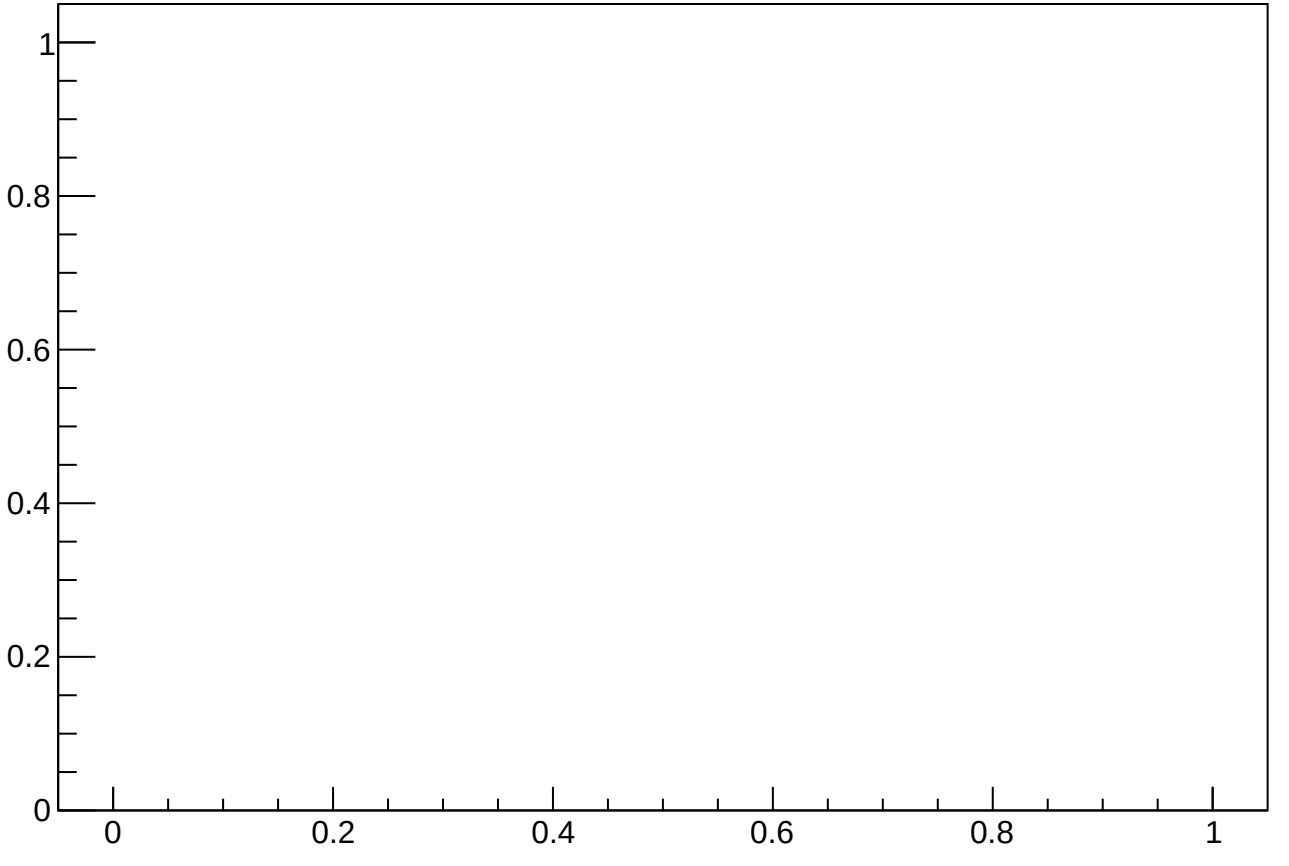
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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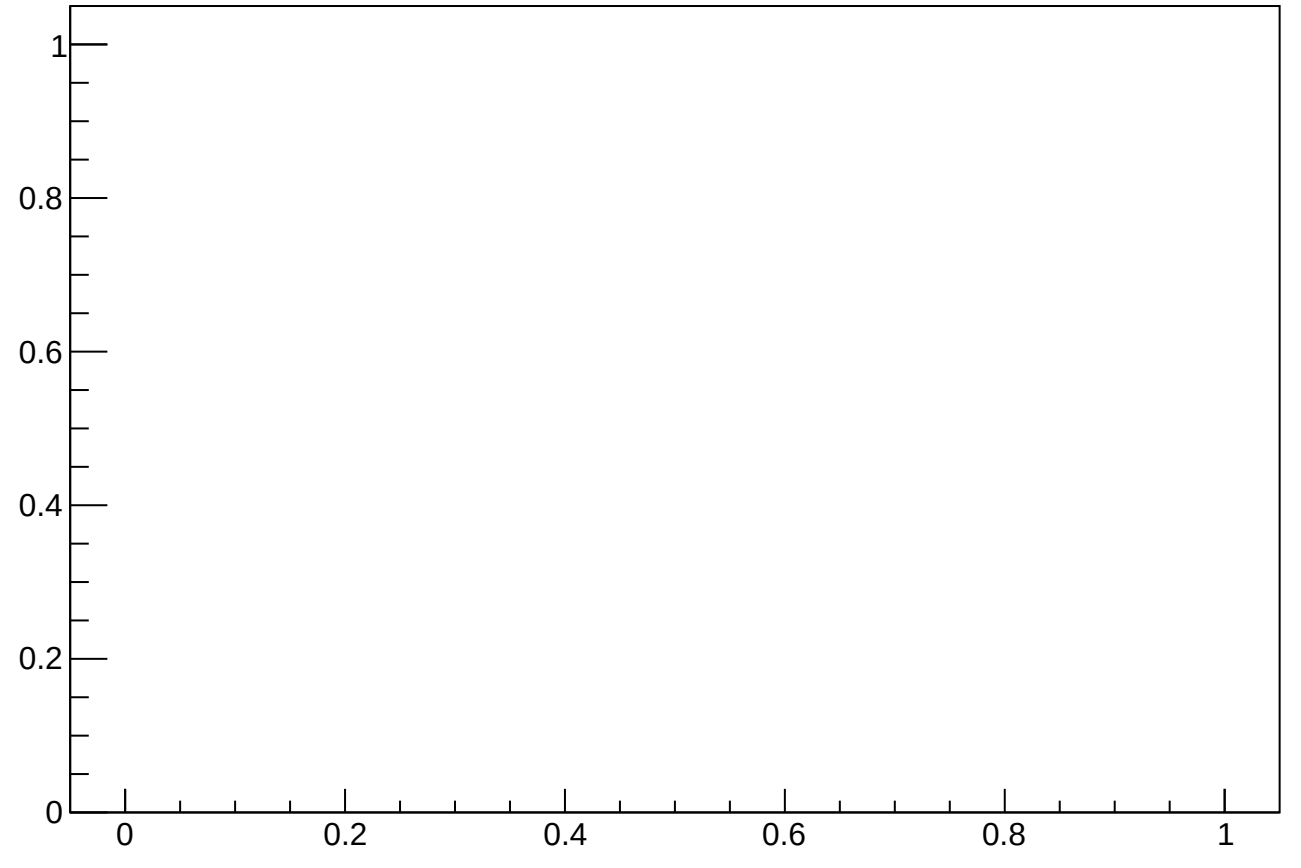

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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

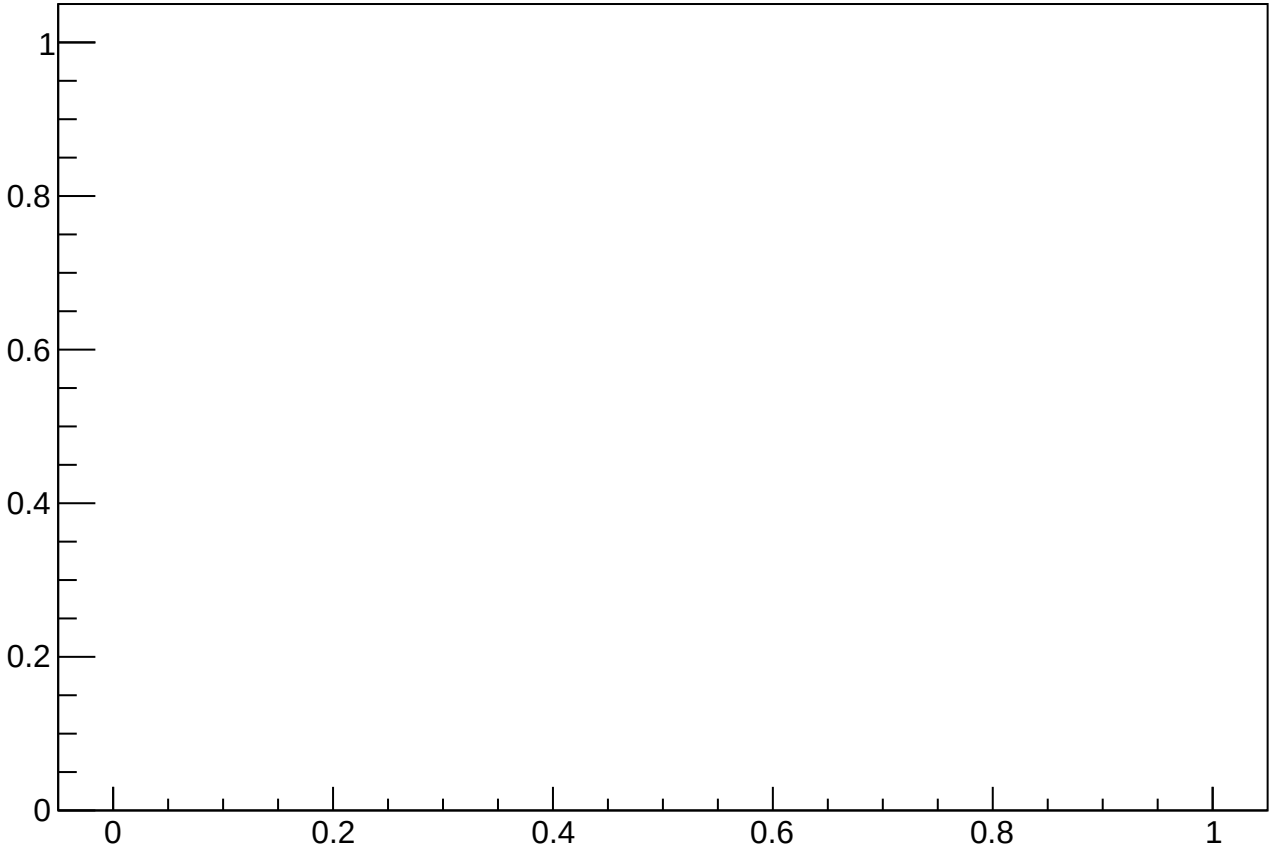
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

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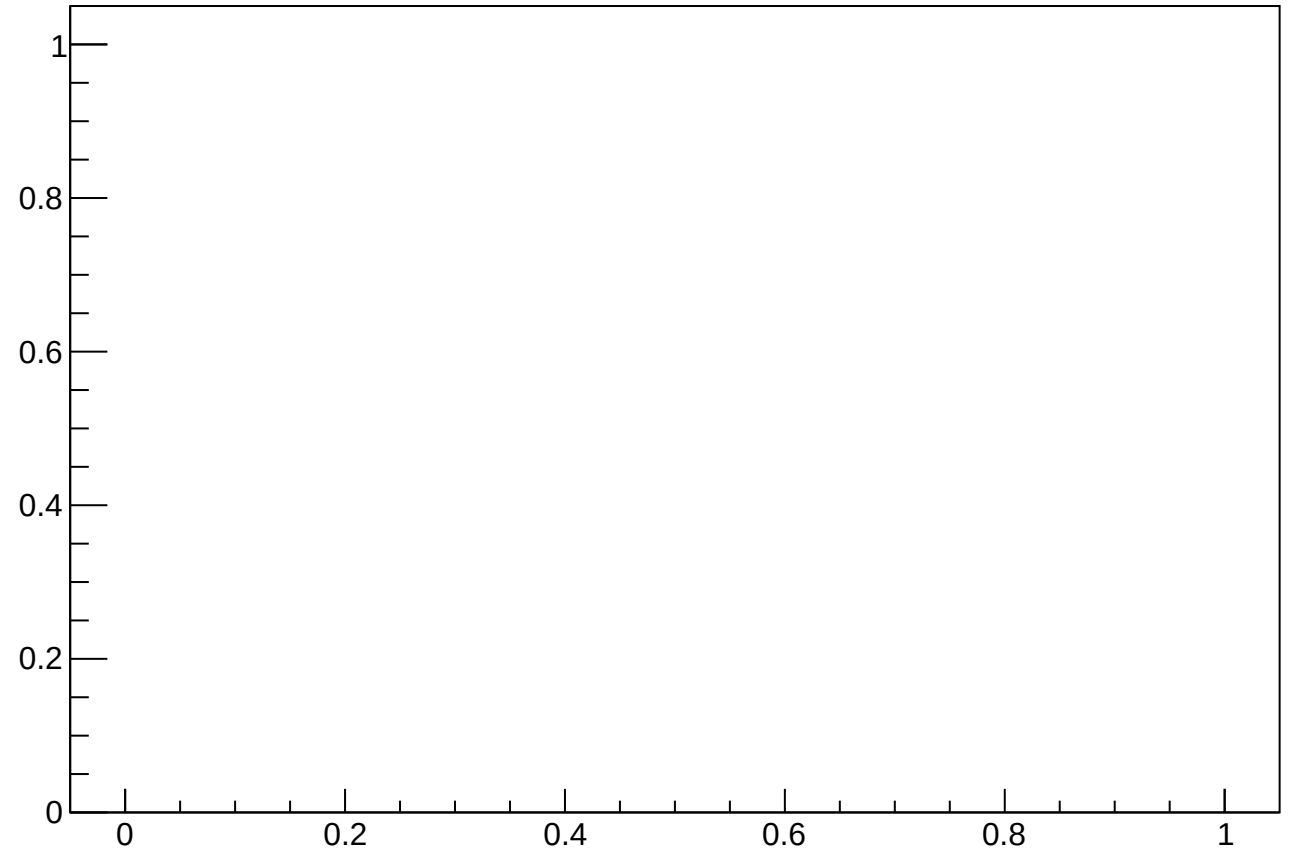
All: 0.000+/-0.000 χ^2/NDF: 0.0/0



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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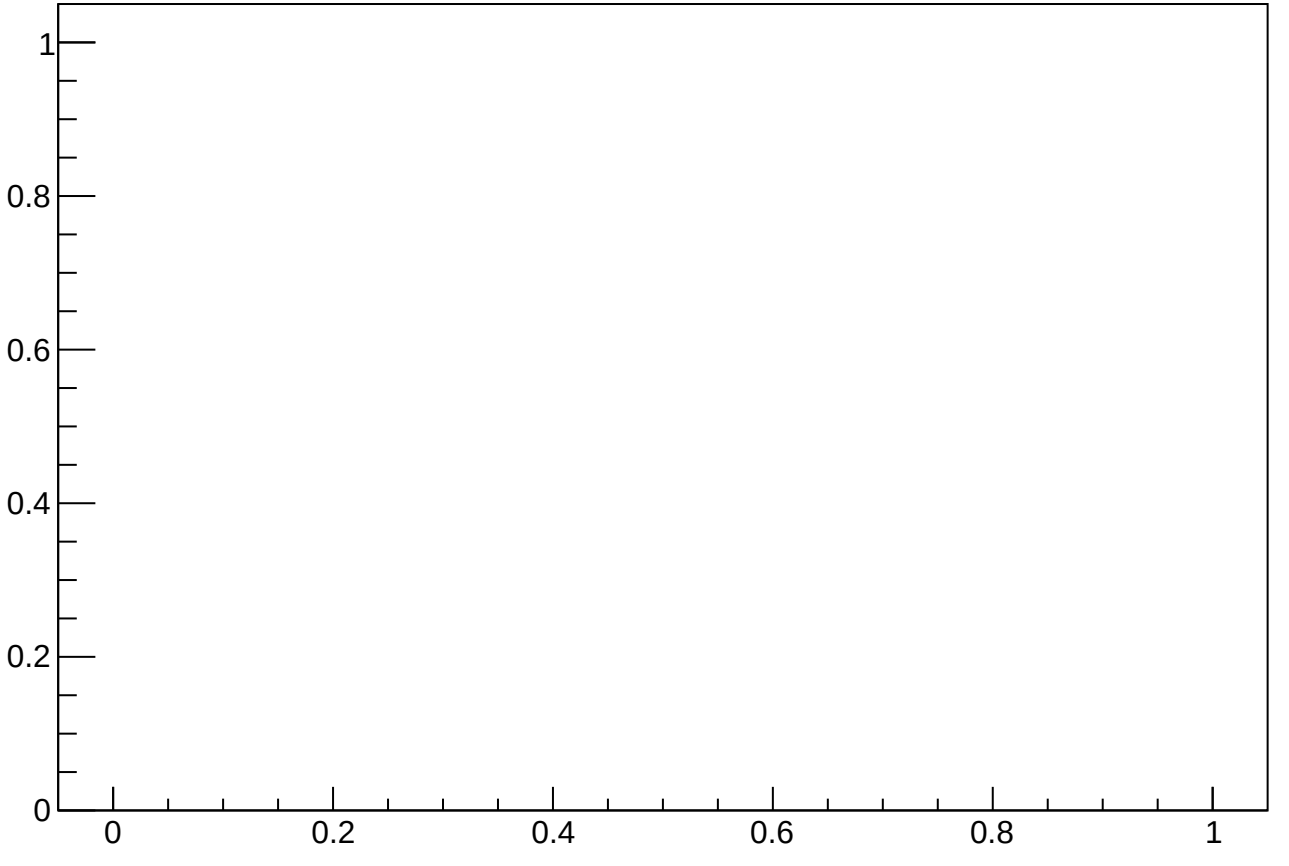
dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

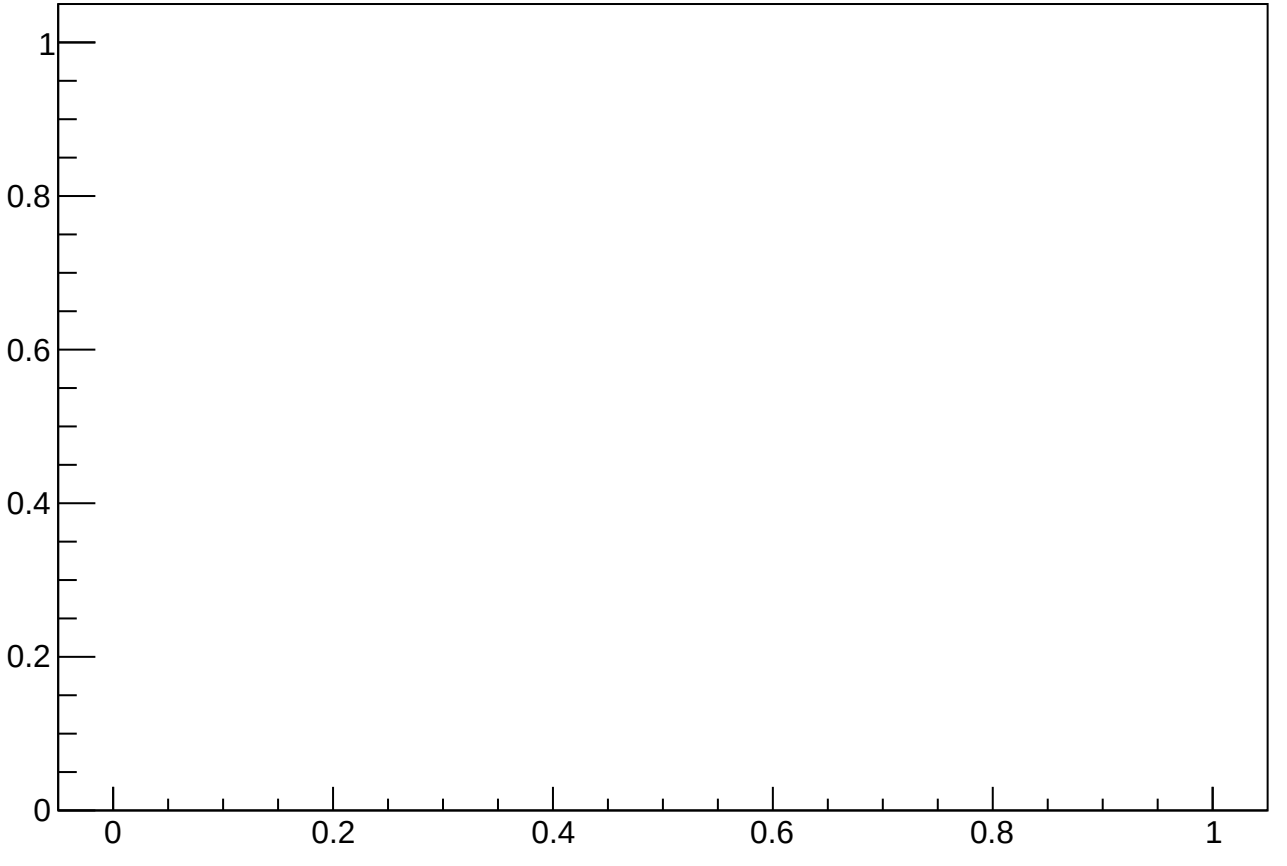
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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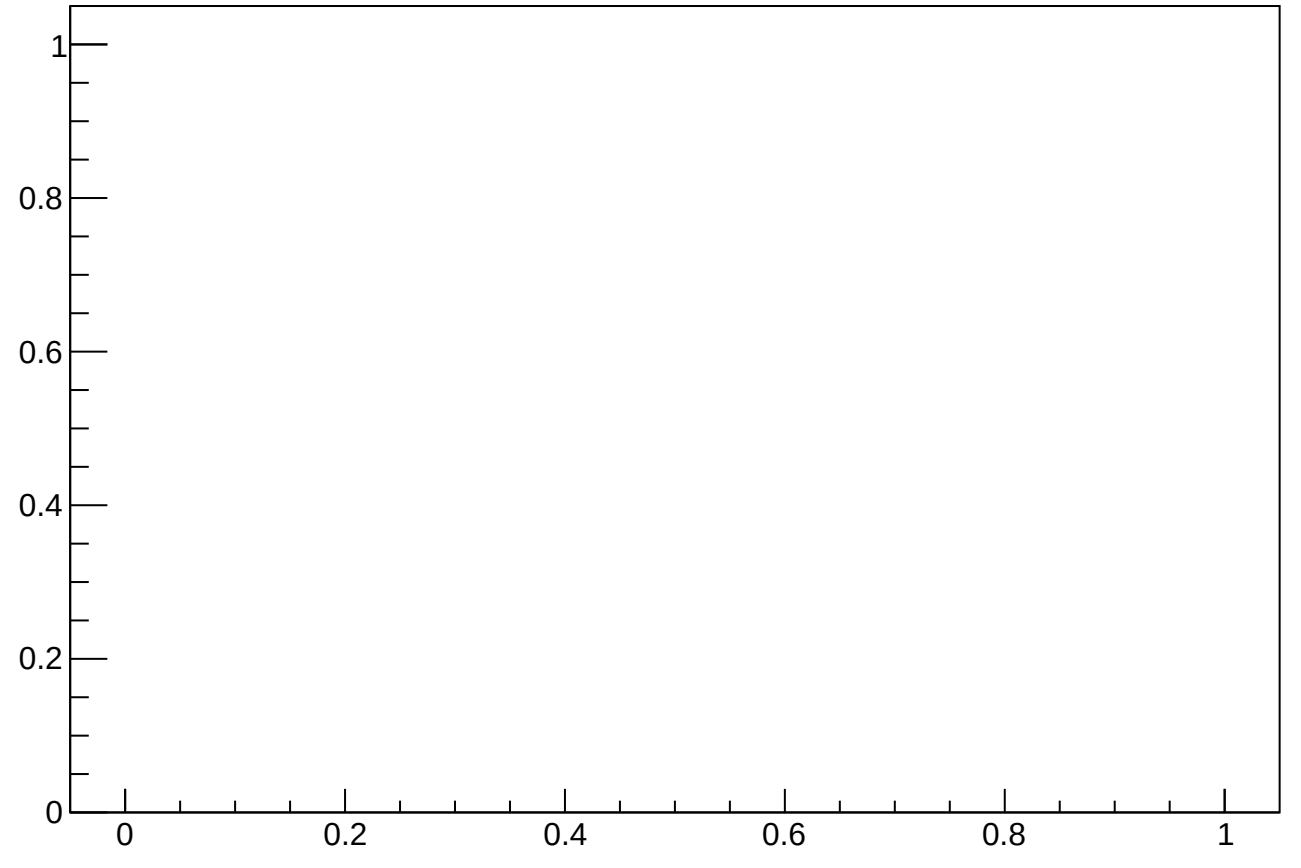

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Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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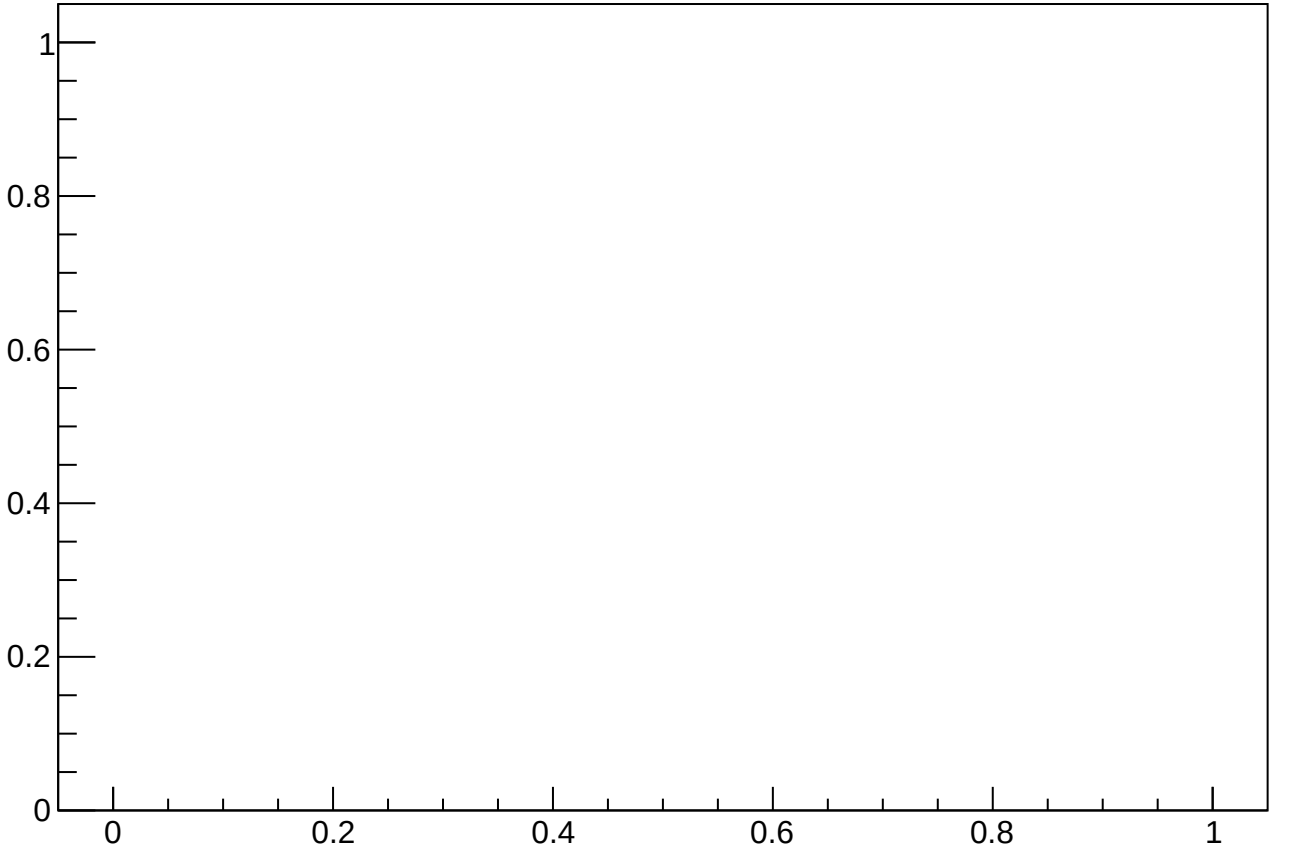
dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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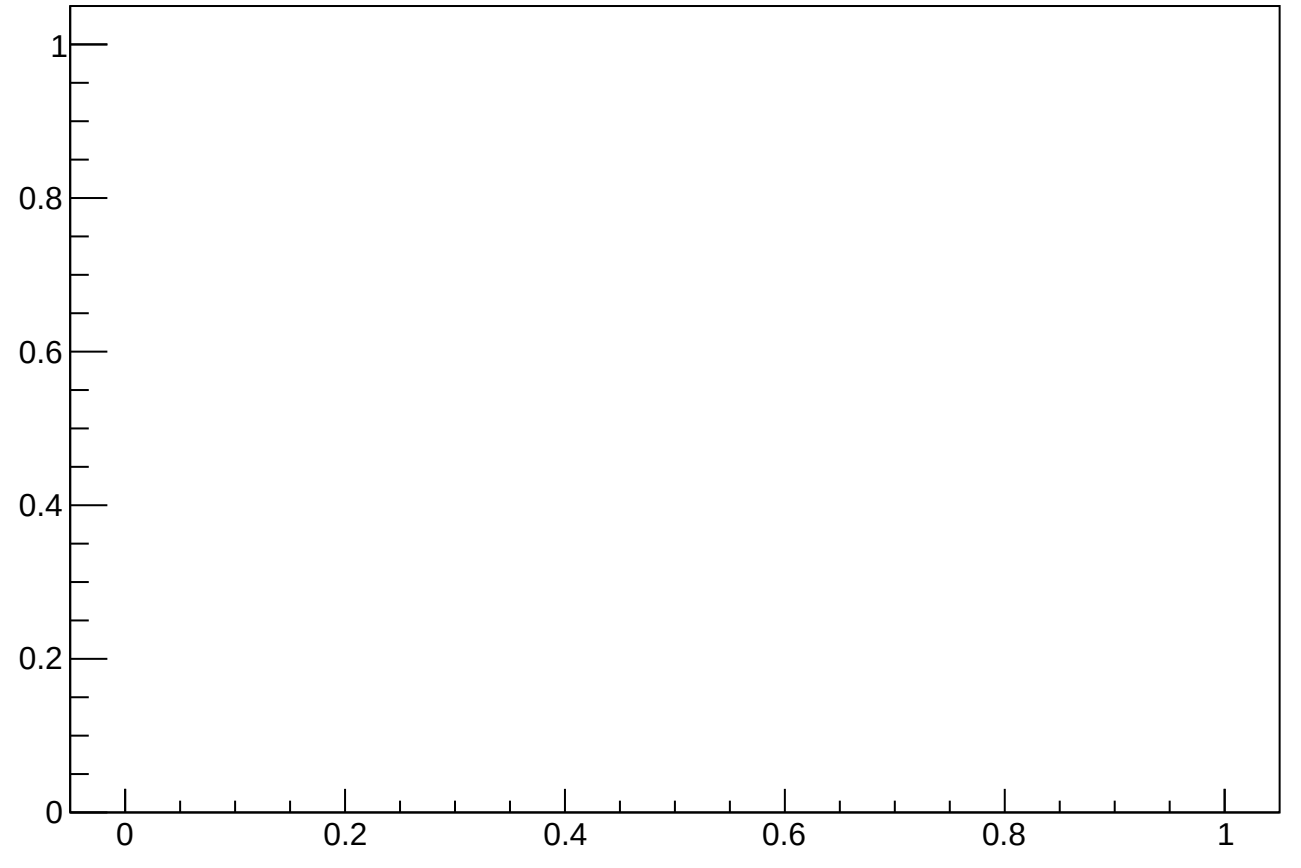

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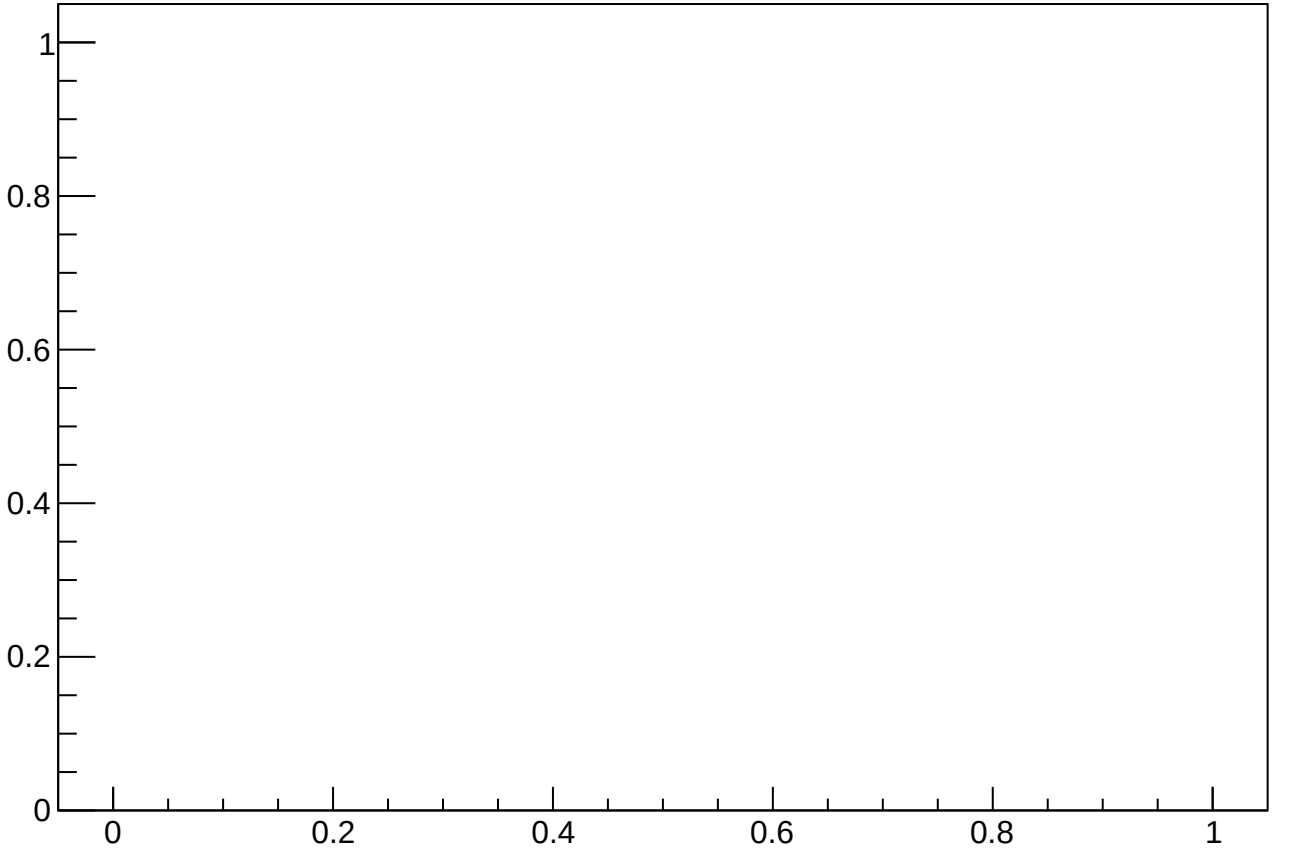
dit_sam5_coil4_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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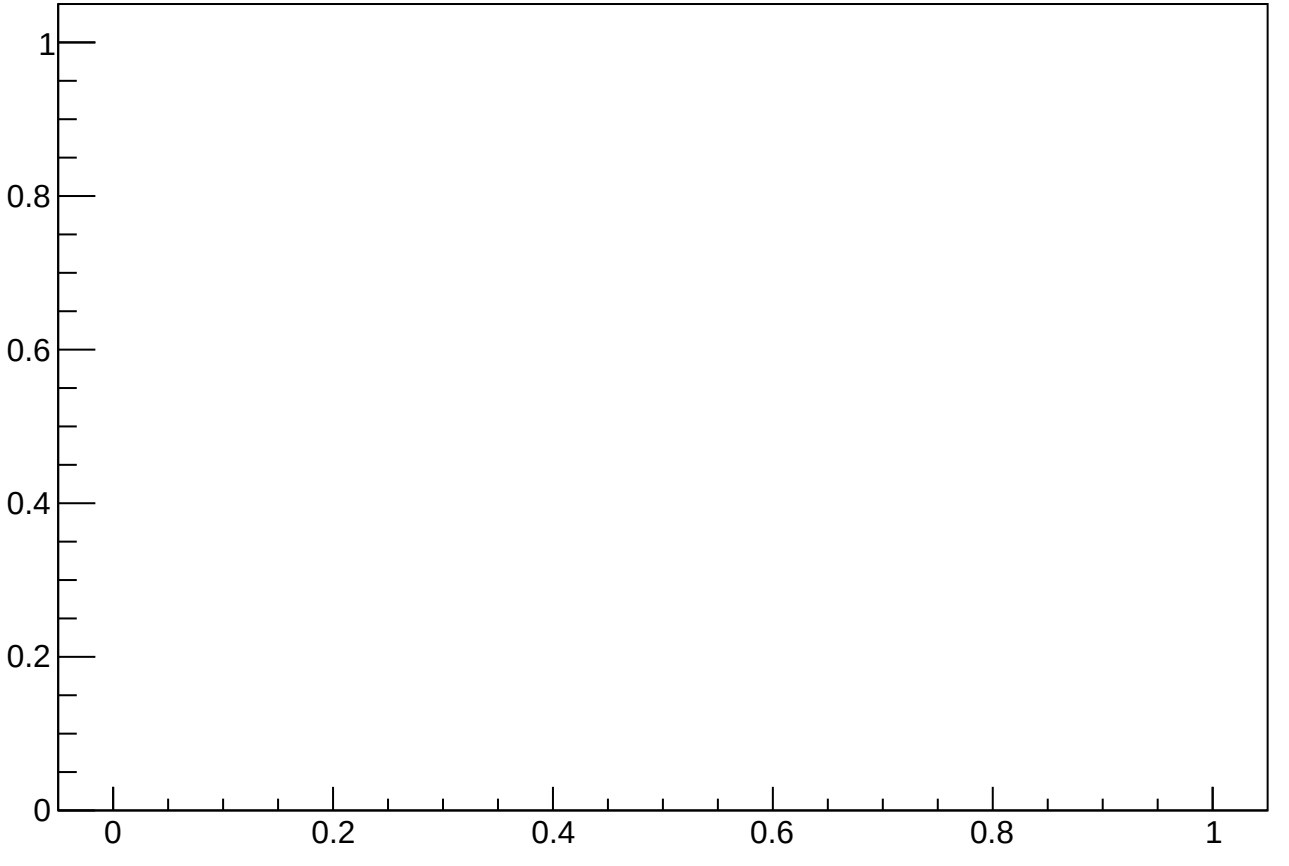
dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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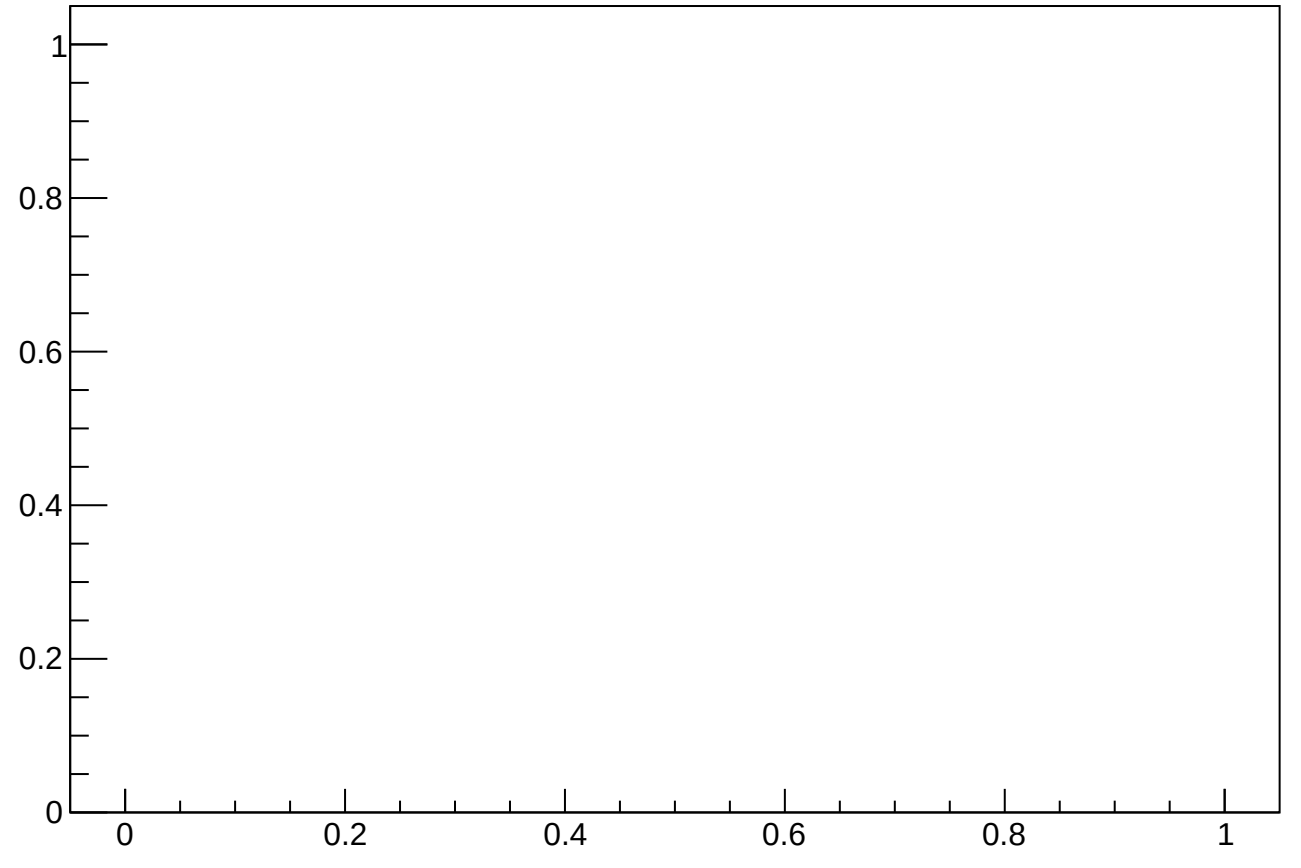

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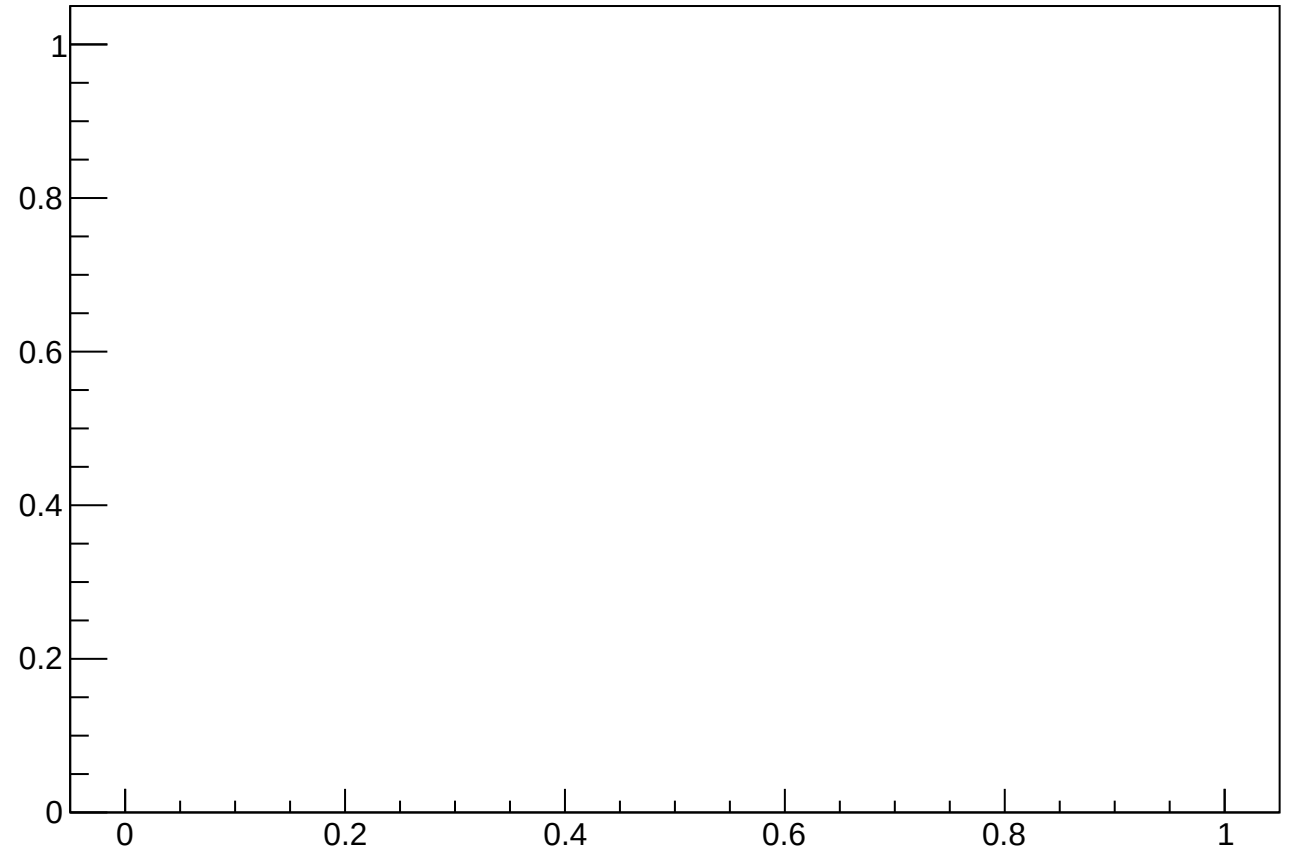

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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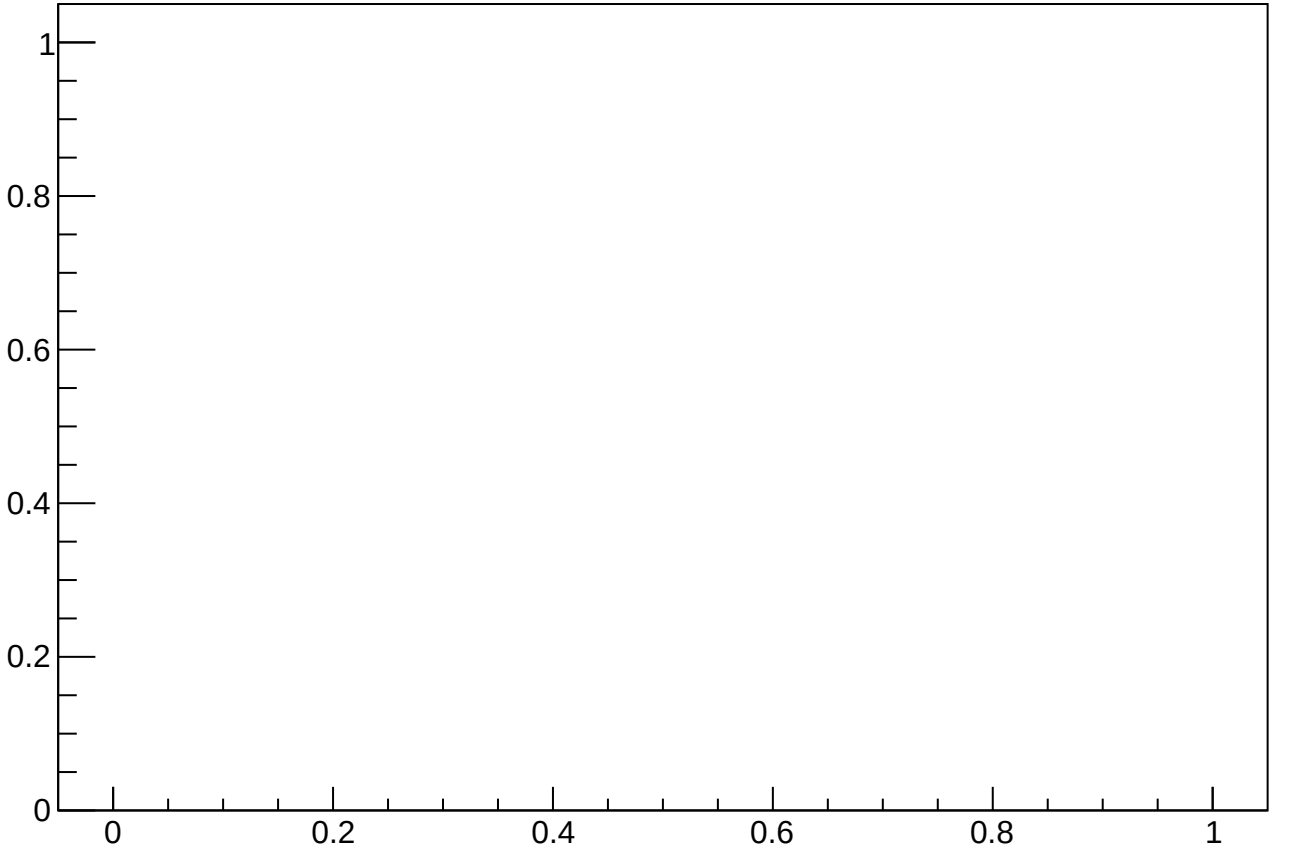
dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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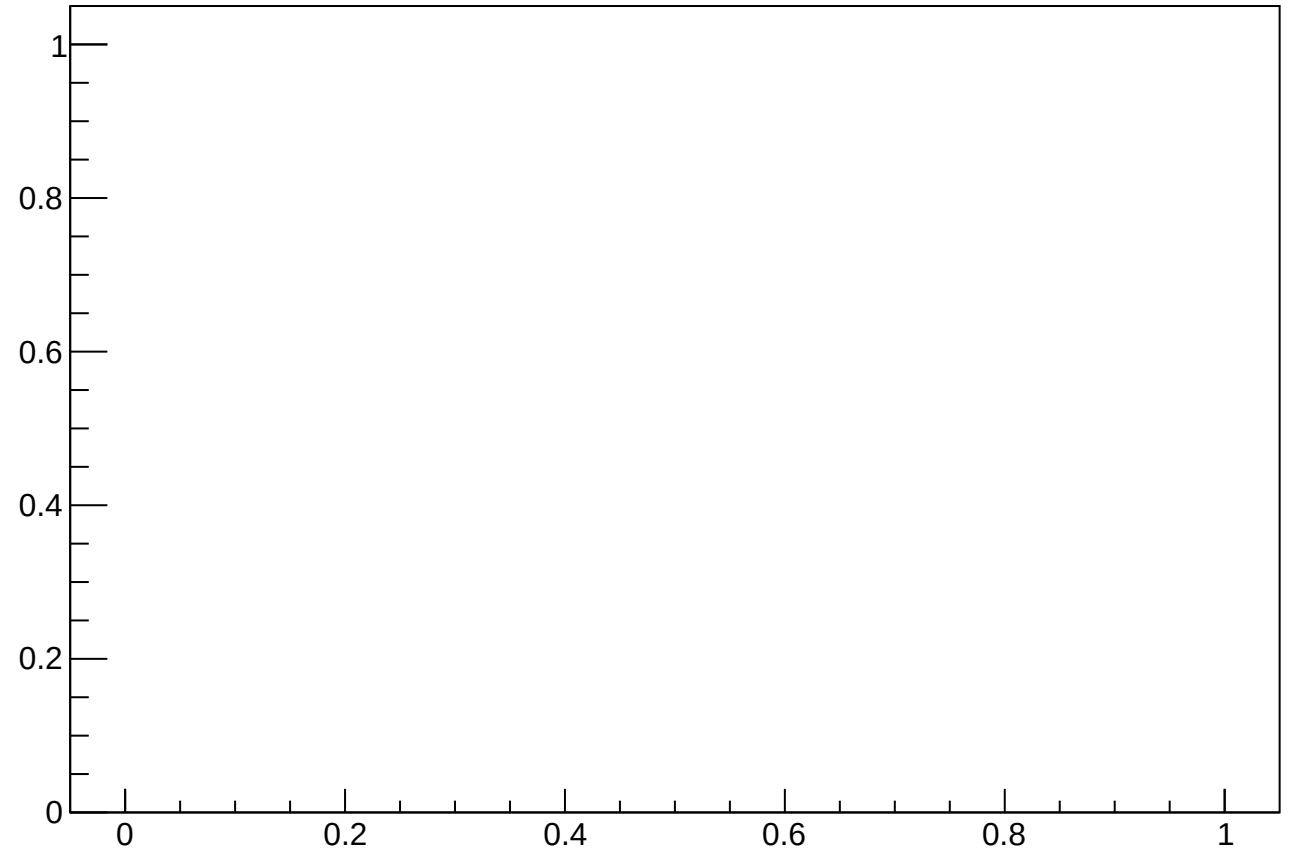

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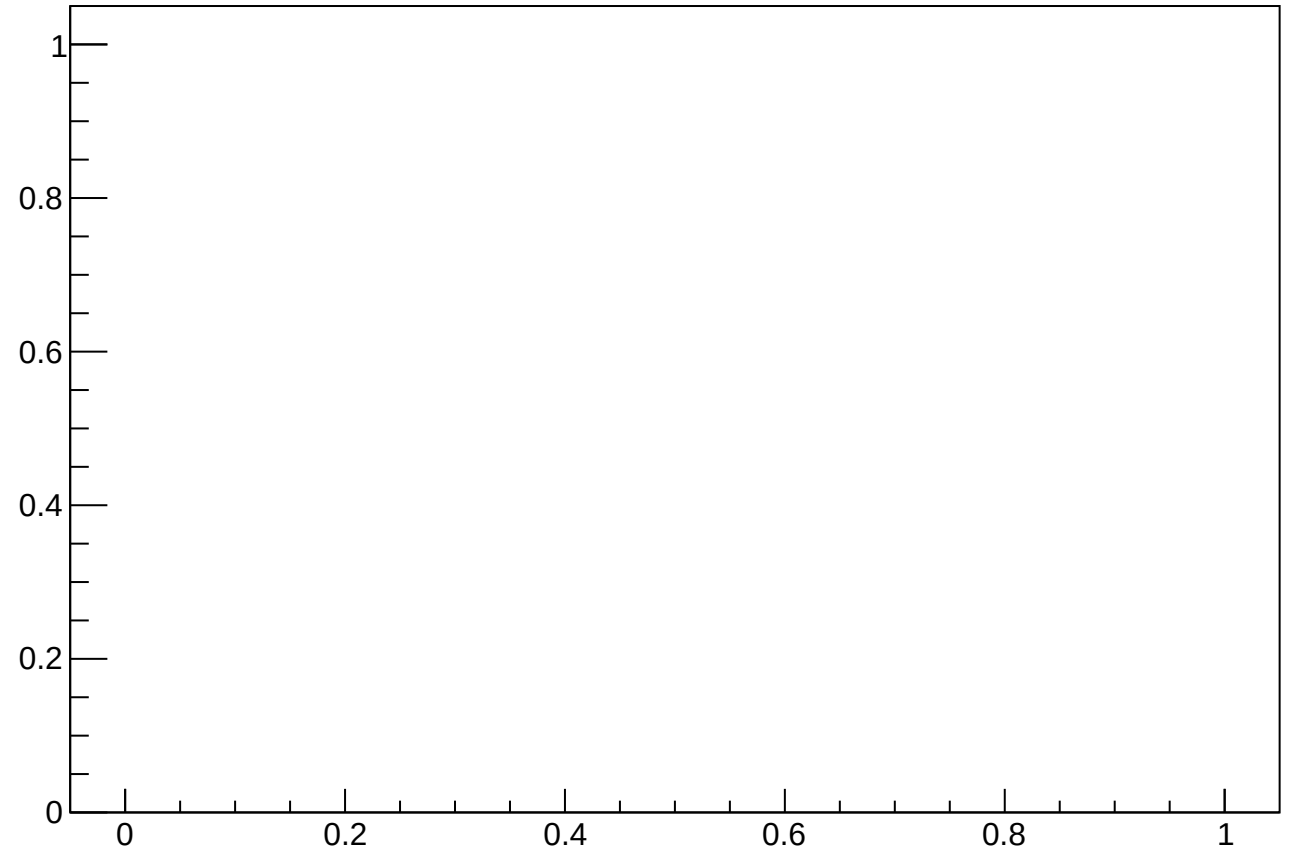

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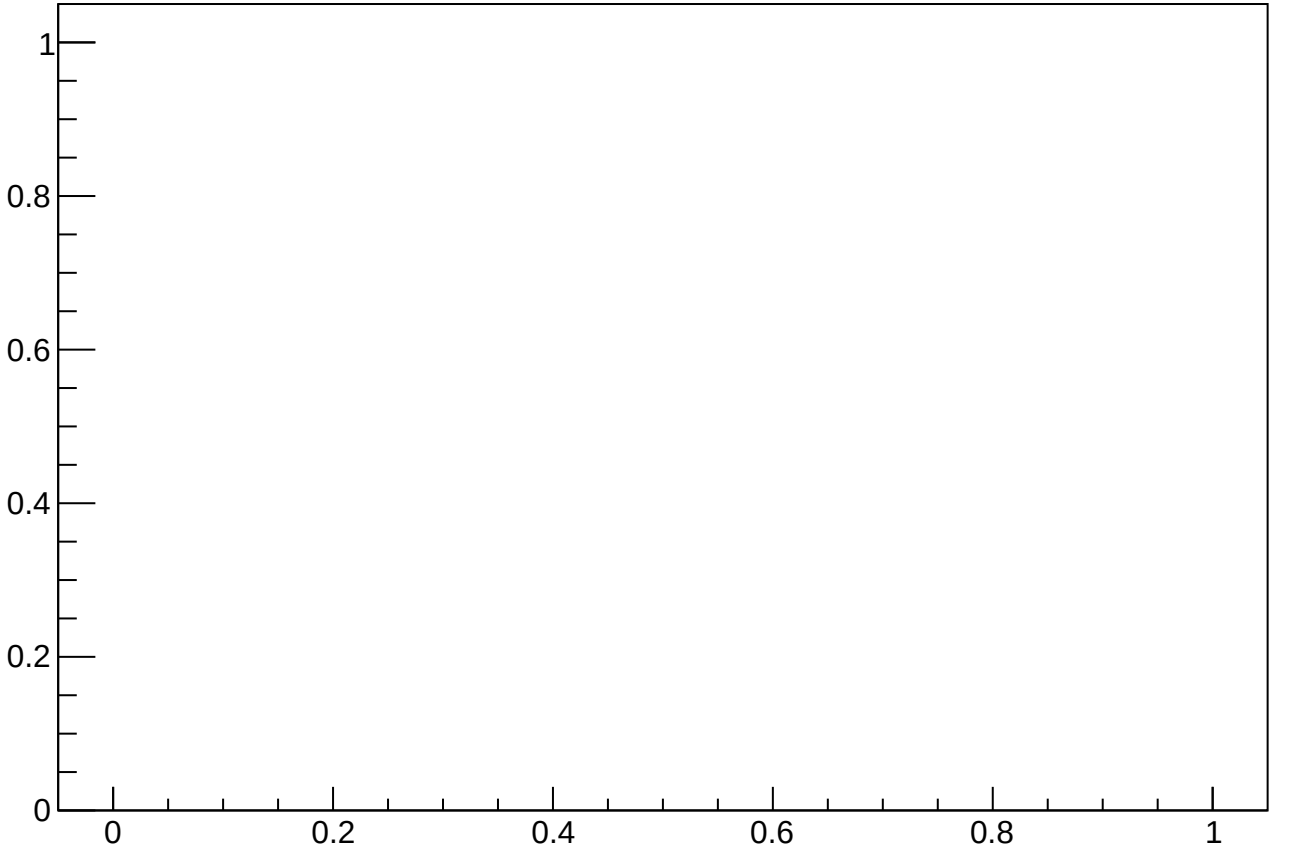
dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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In: 0.000+/-0.000 χ^2/NDF:0.0/0

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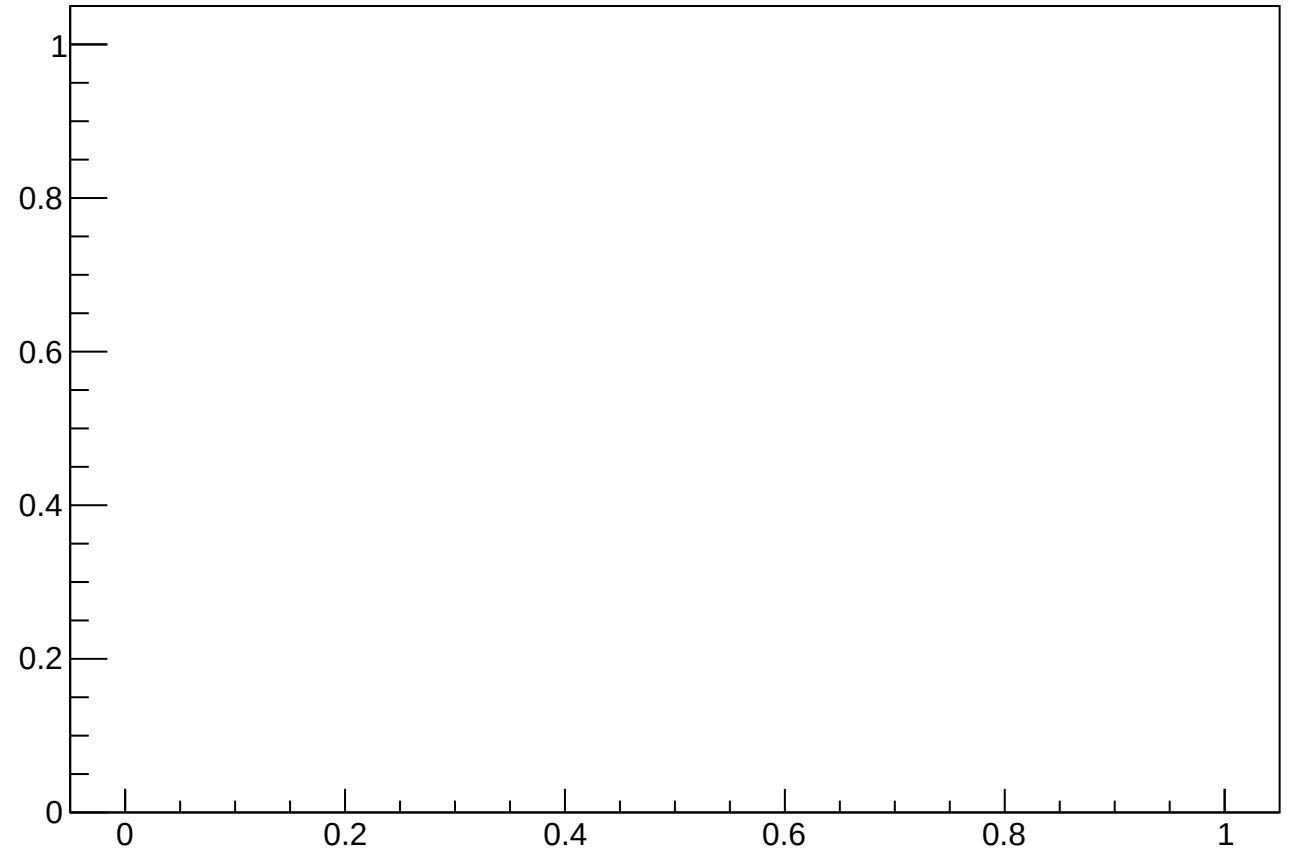

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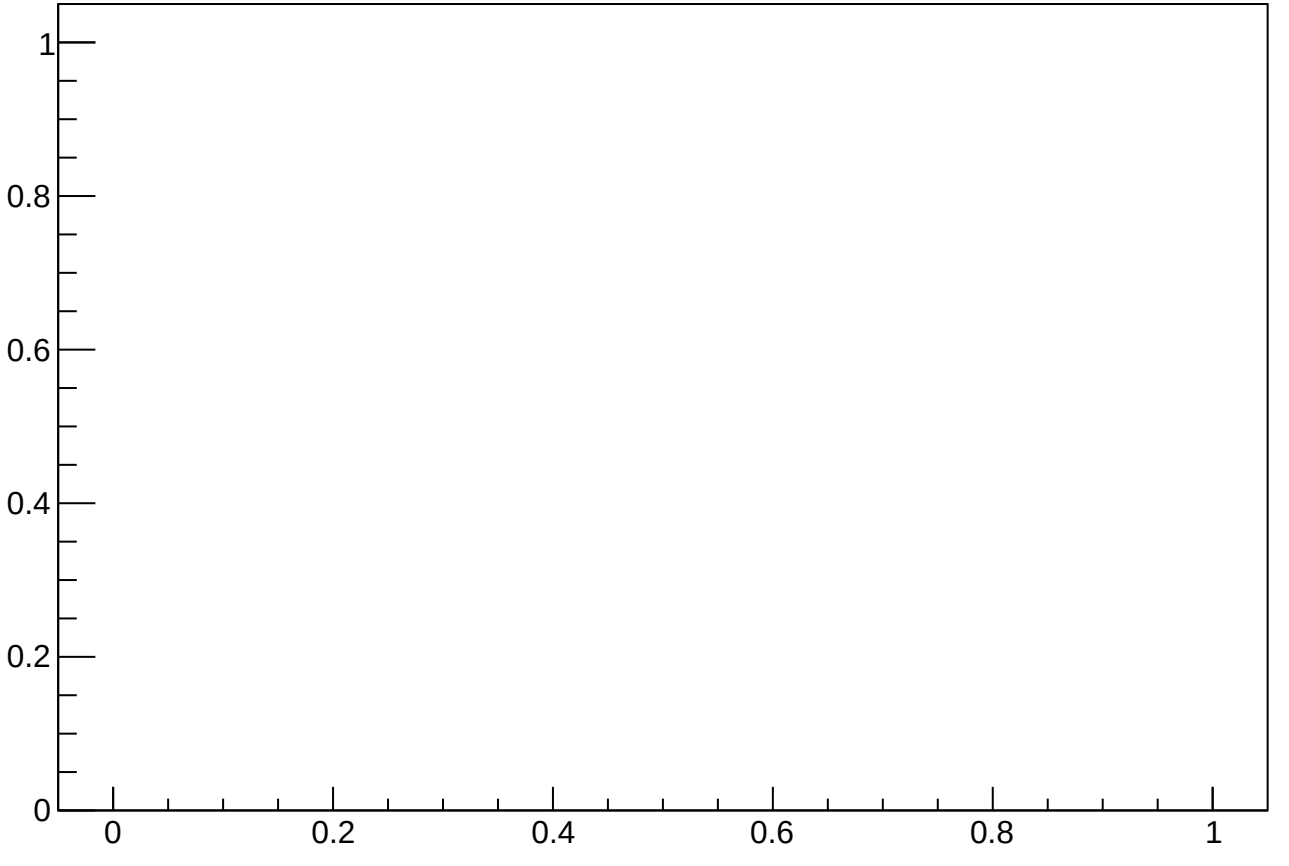
dit_sam8_coil4_mean vs Slug, Sign Corrected



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Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

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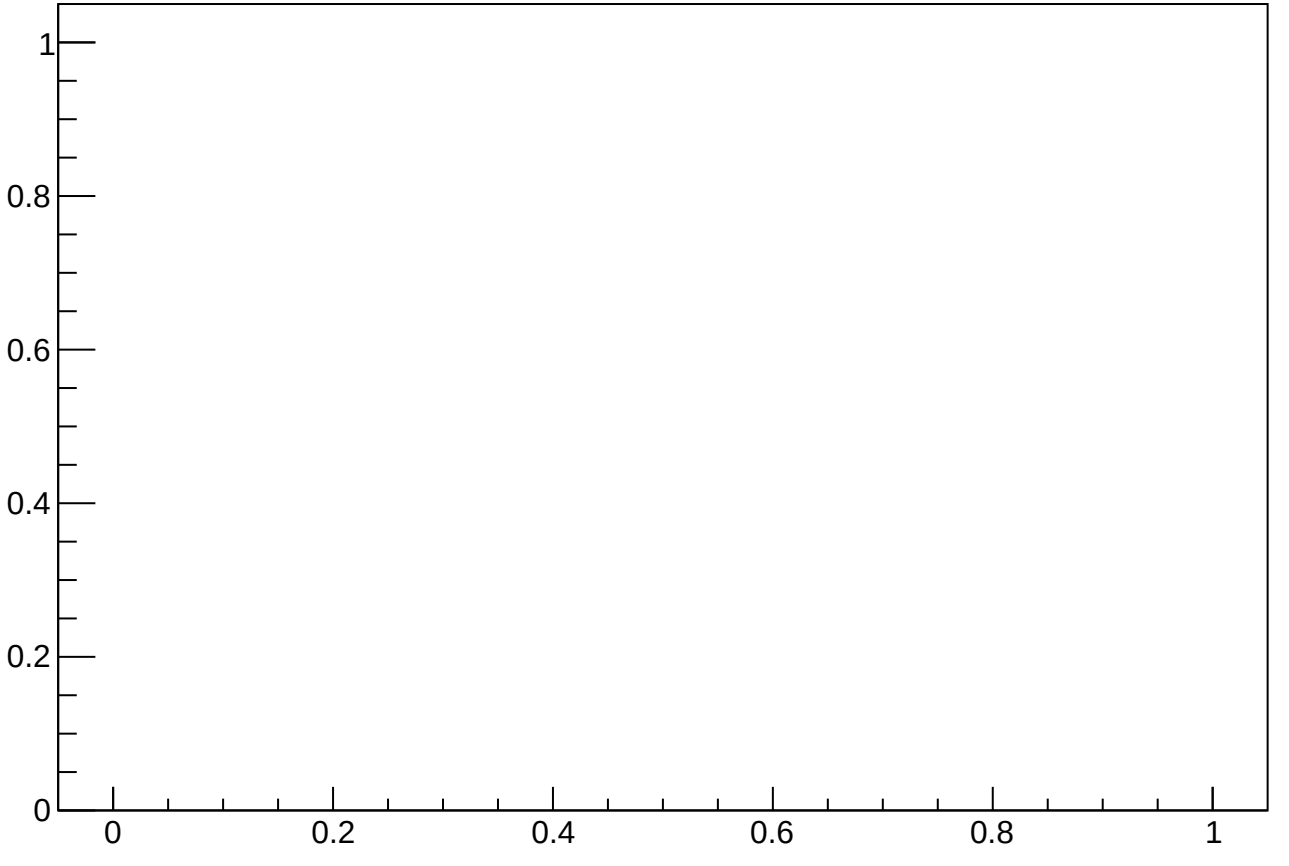
dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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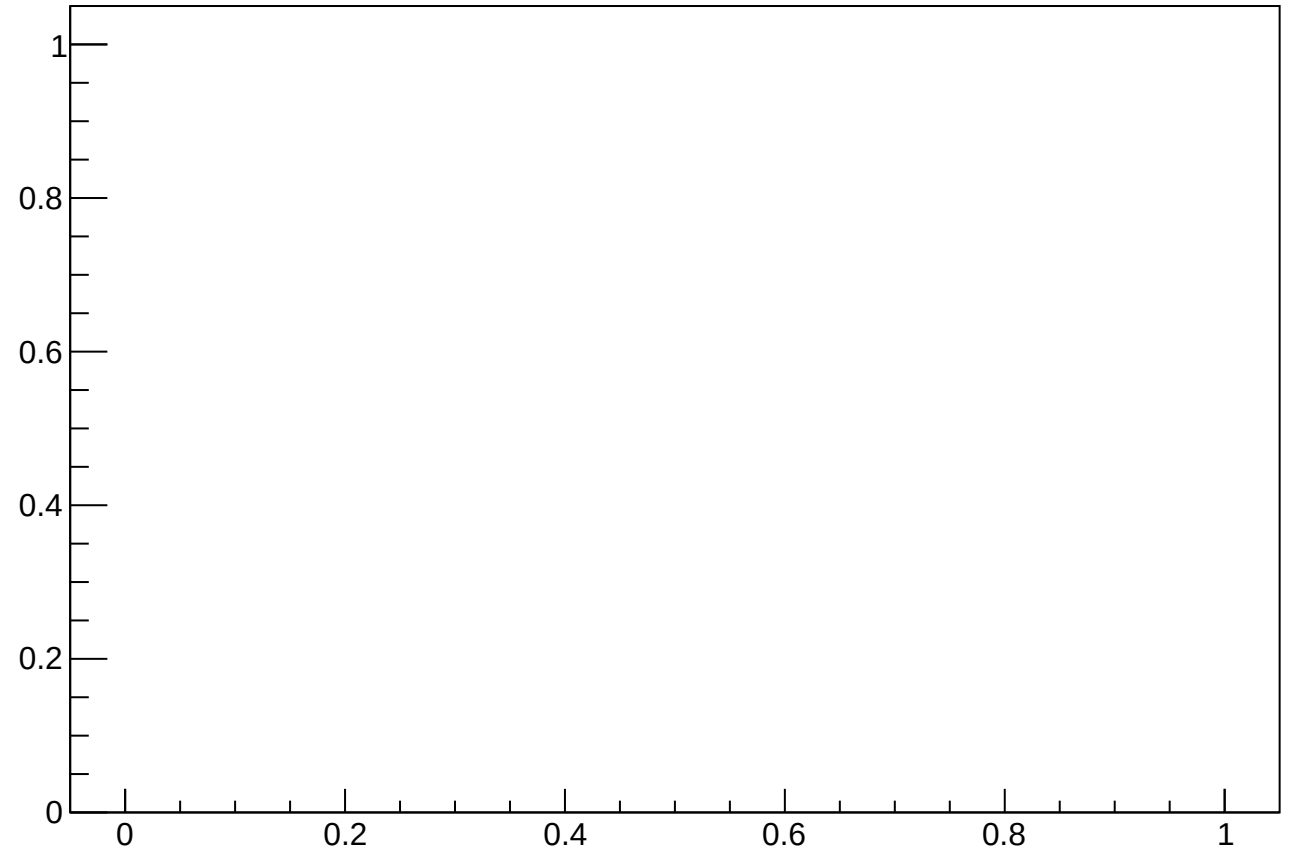

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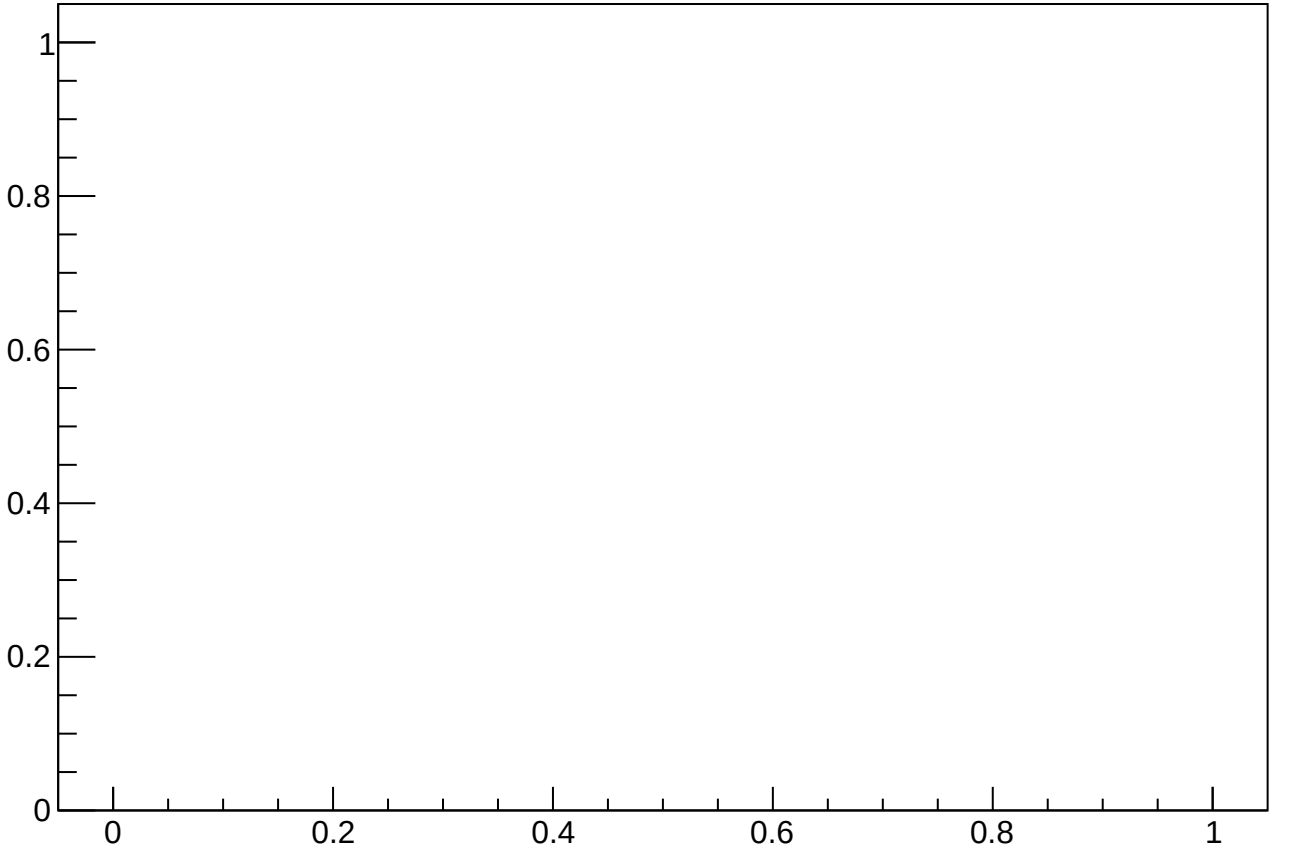
dit_4aX_coil6_mean vs Slug, Sign Corrected



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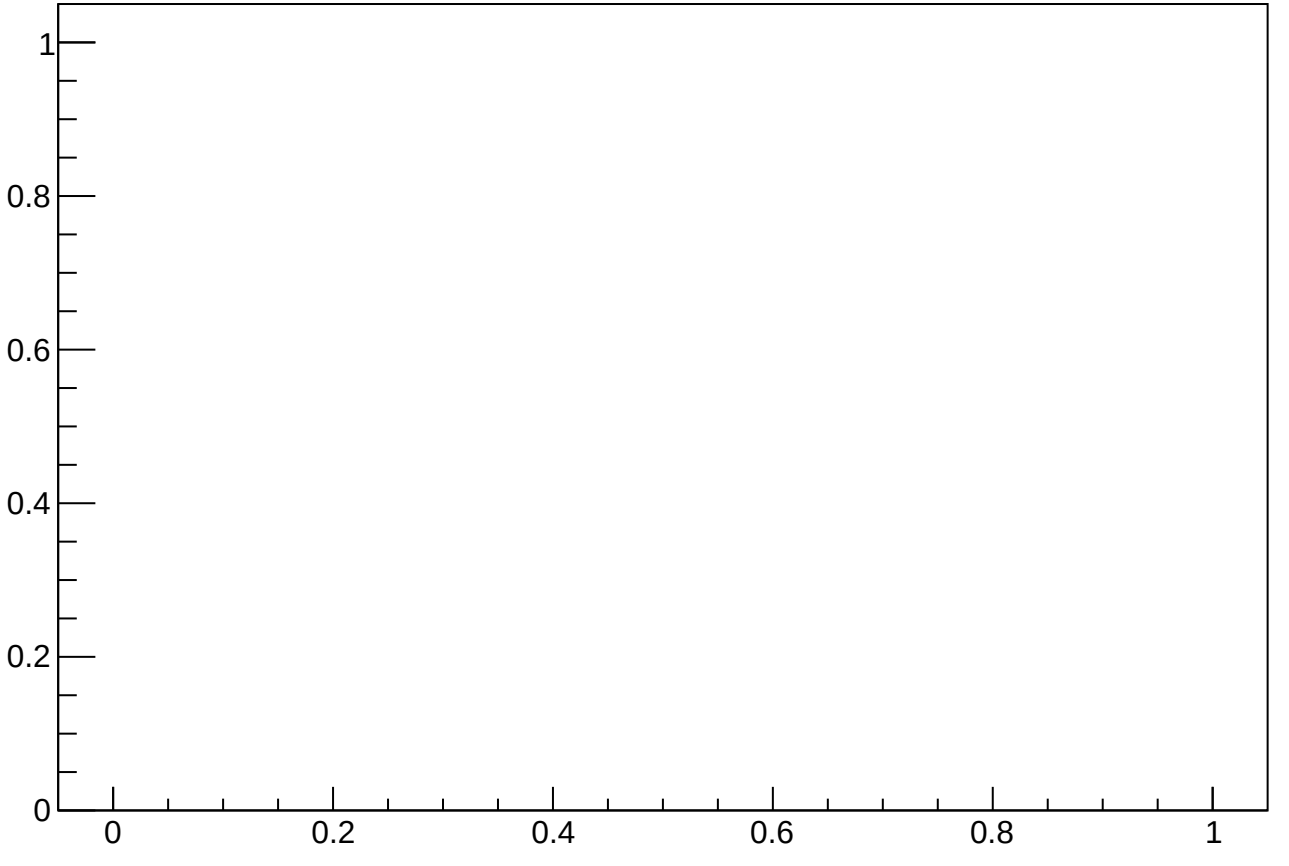
dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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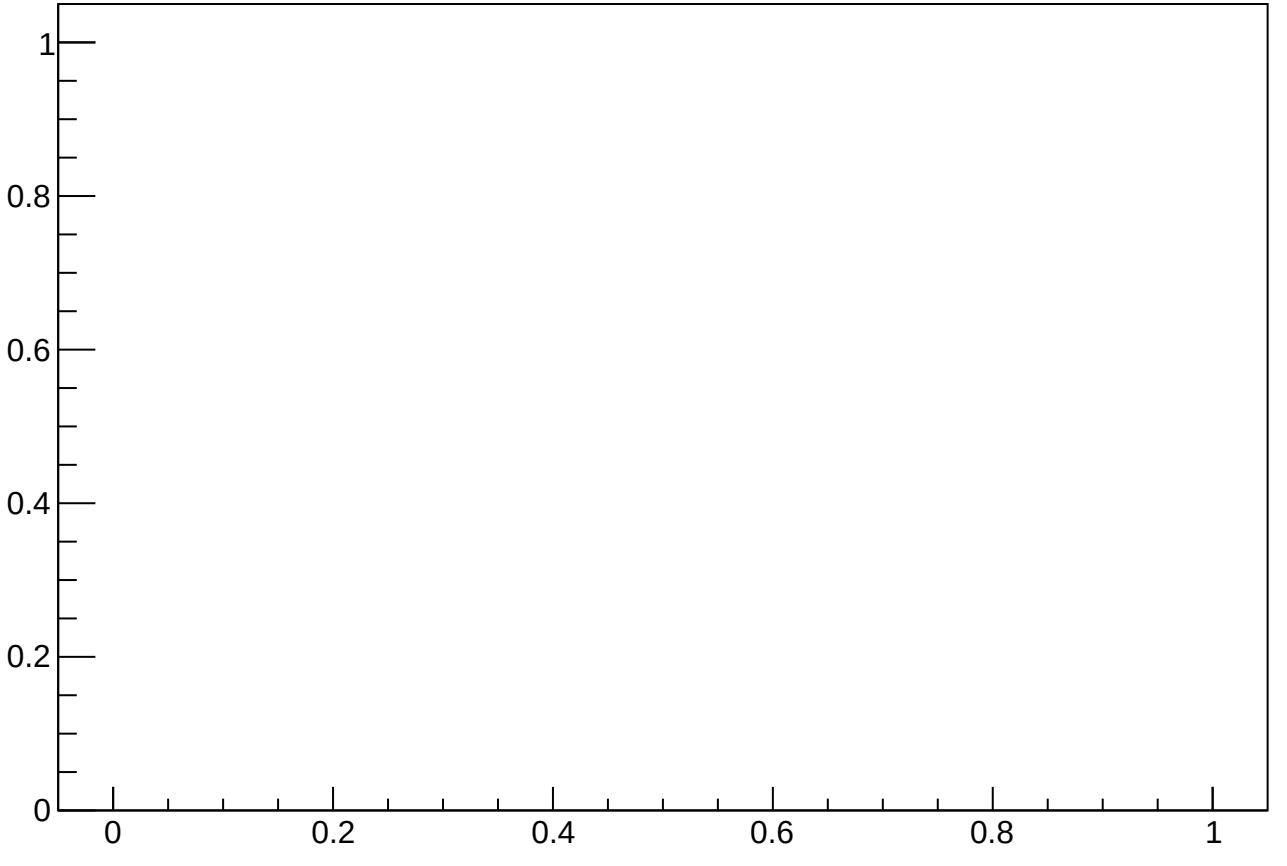
dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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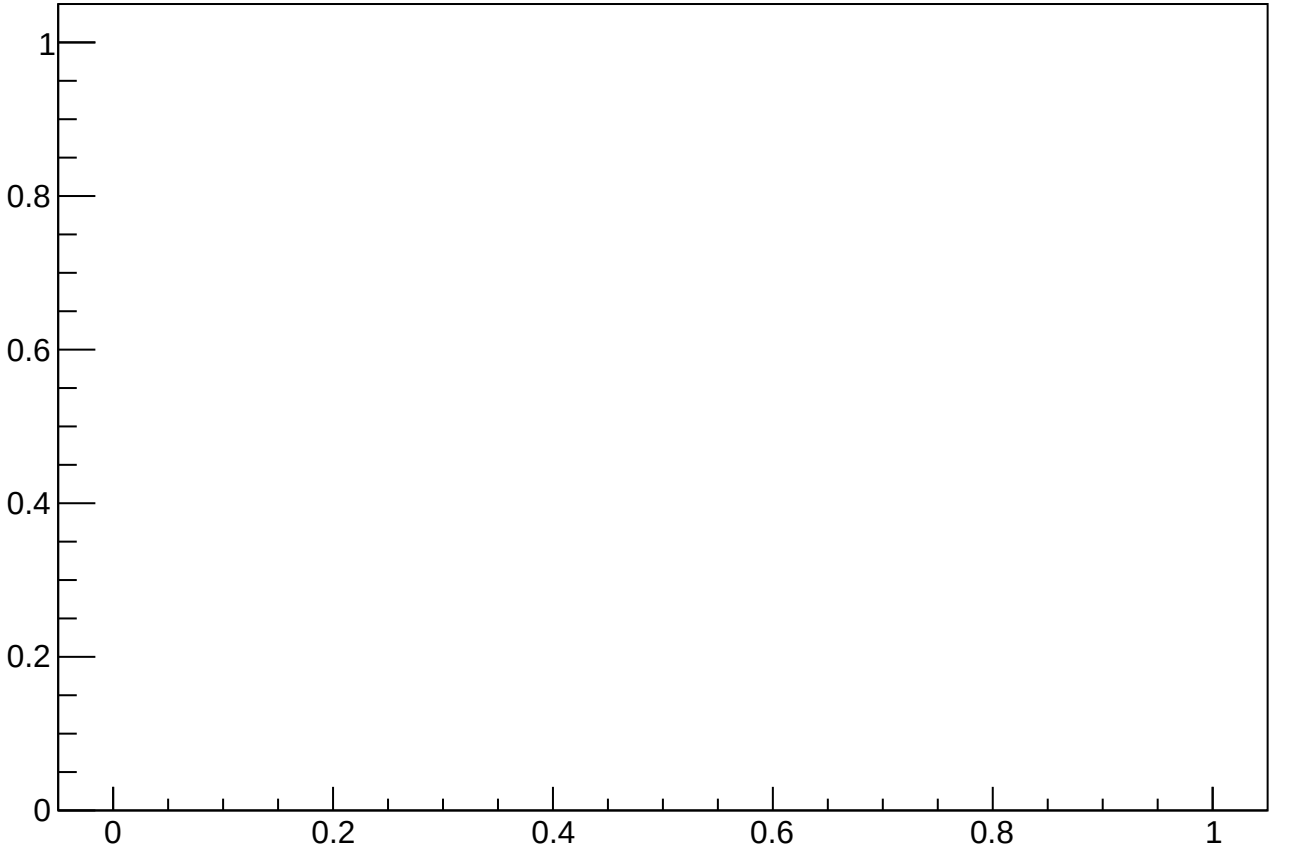
dit_4eX_coil6_mean vs Slug, Sign Corrected



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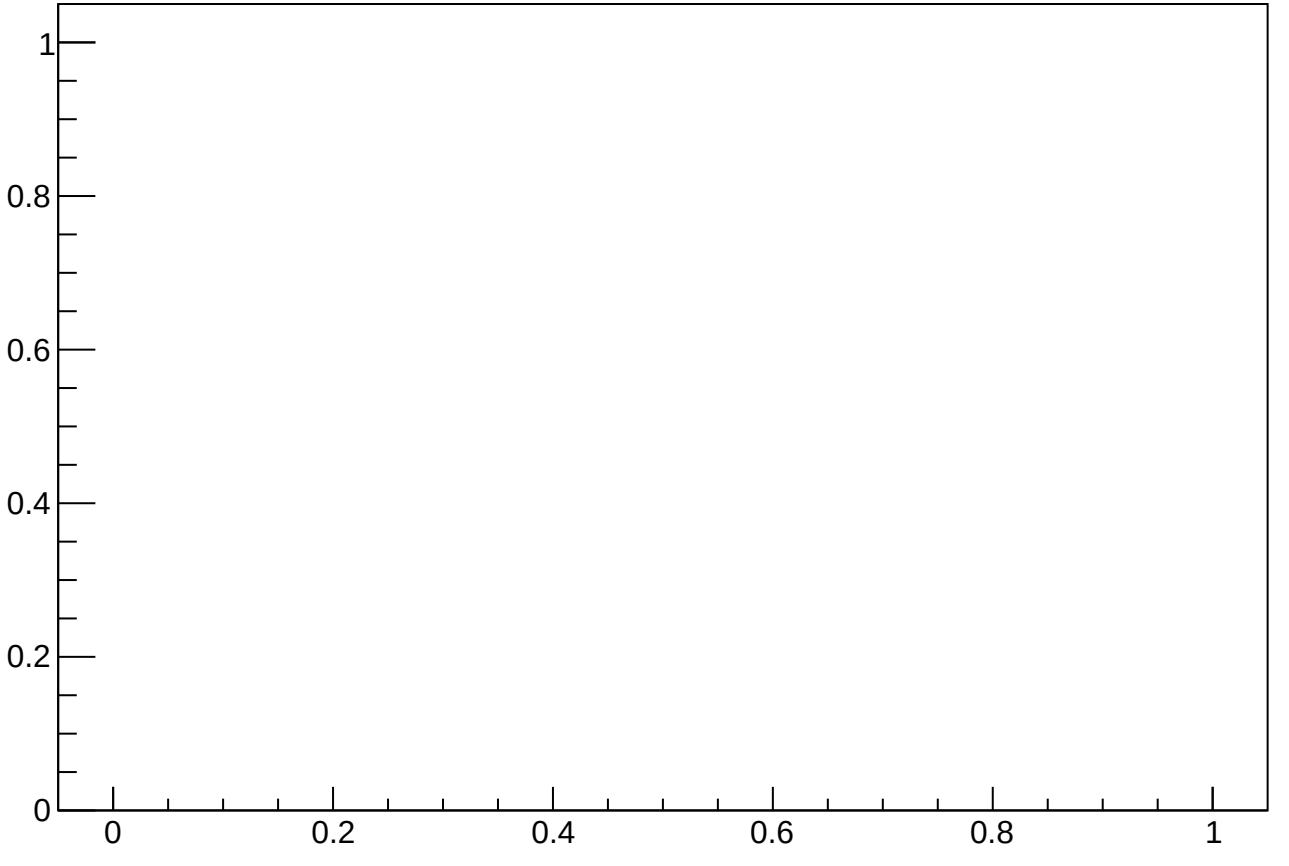
dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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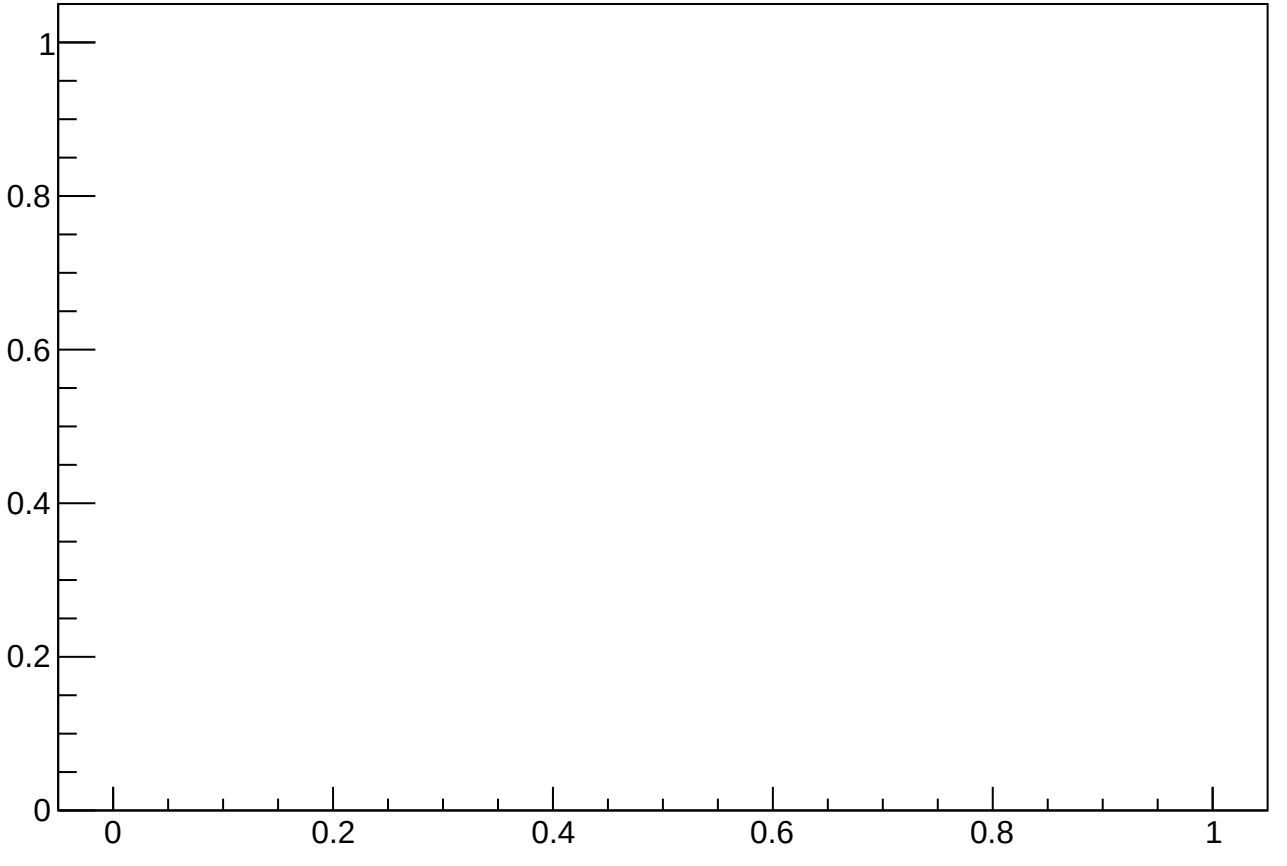
dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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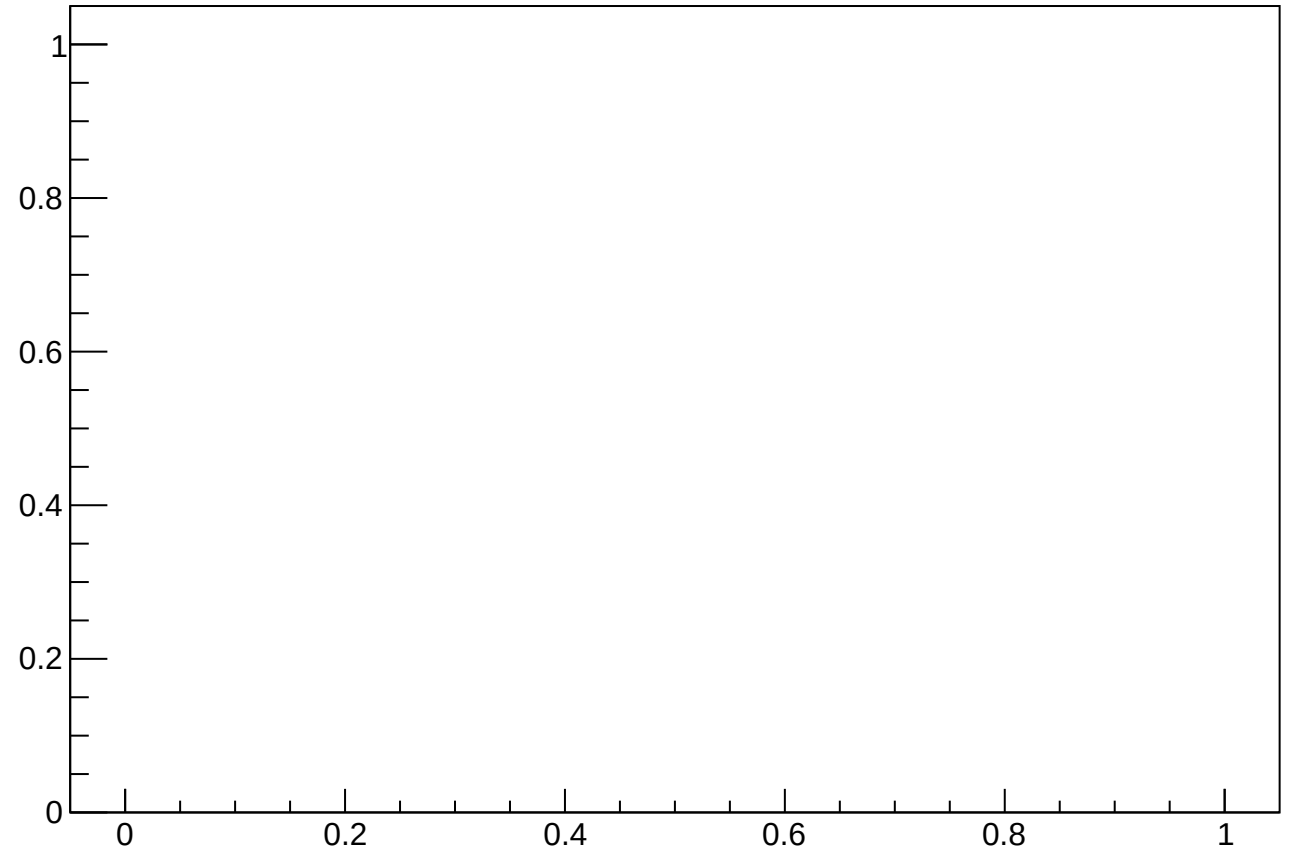

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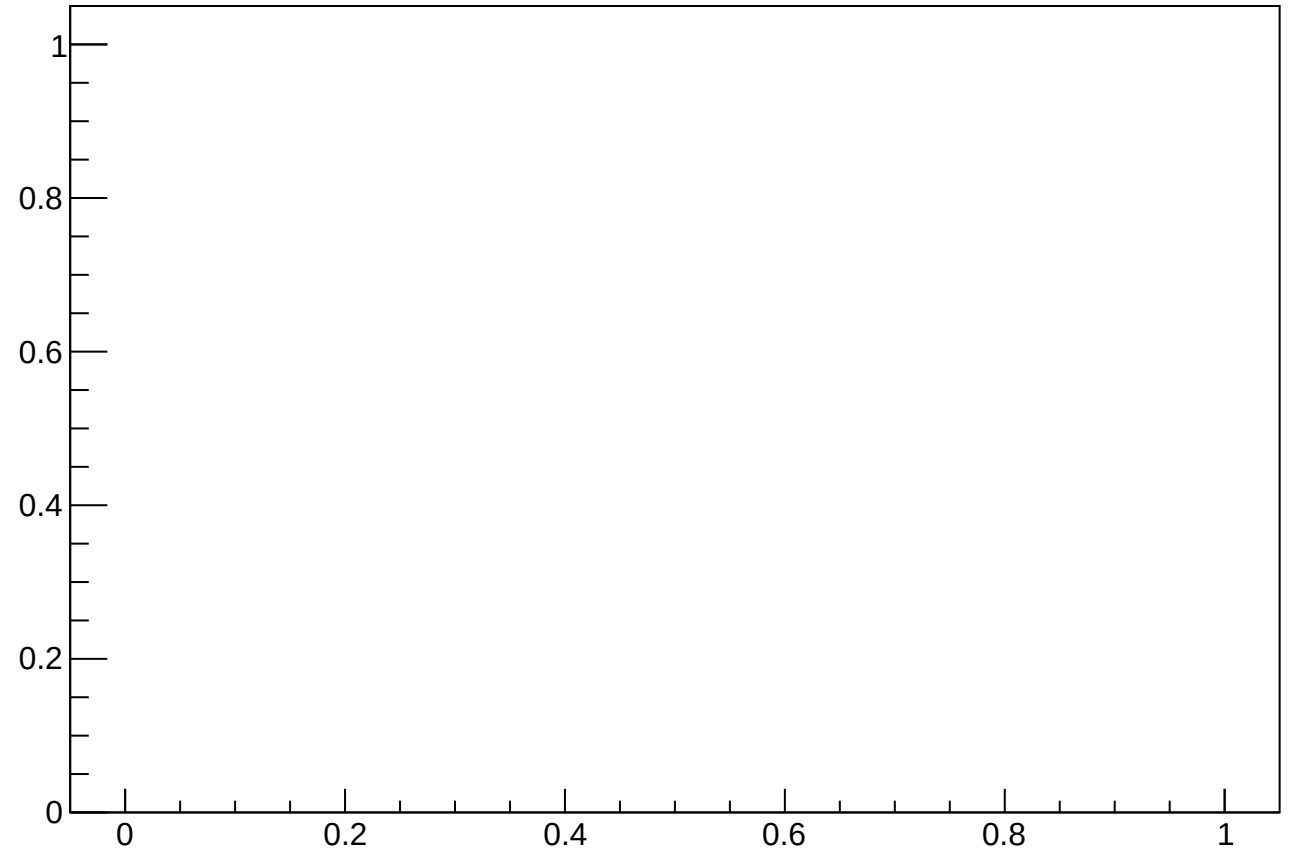

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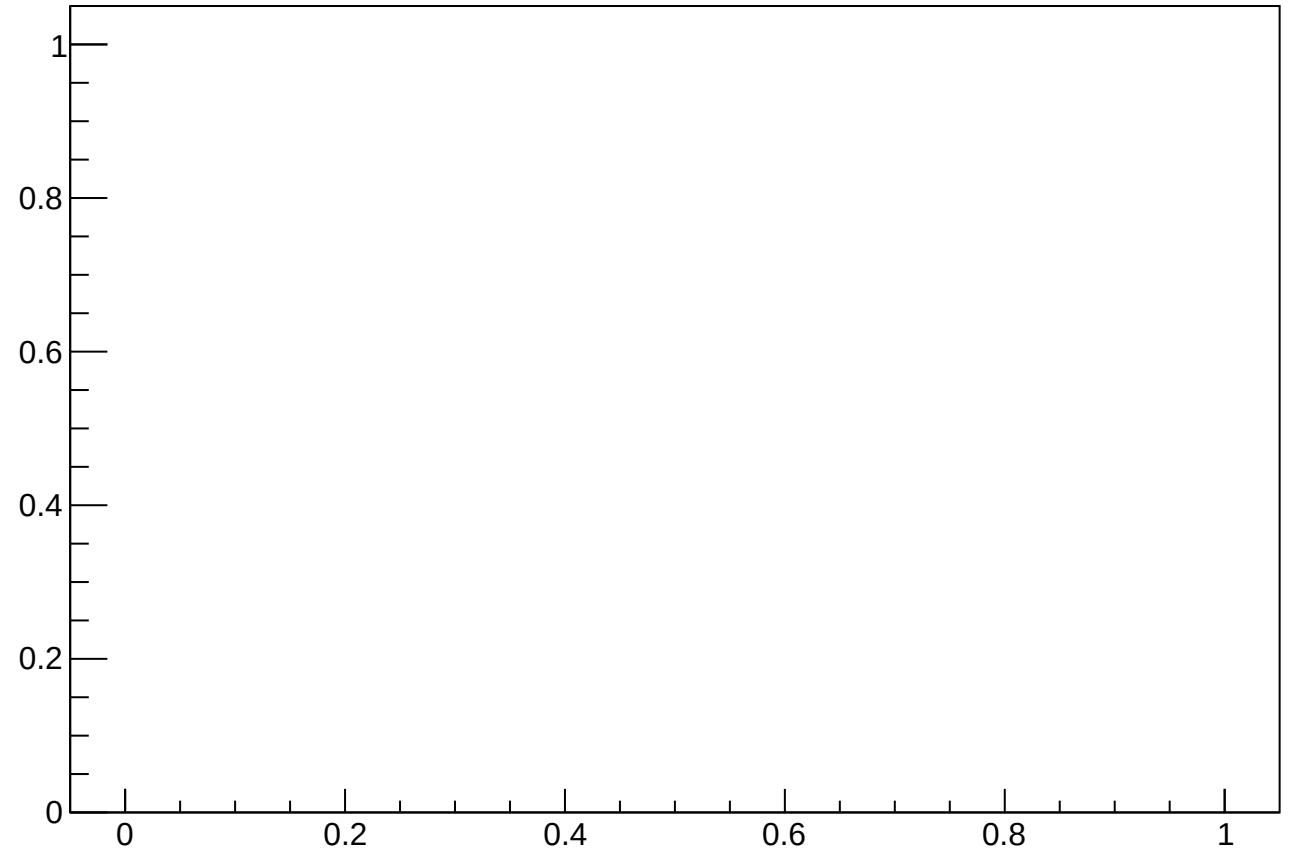

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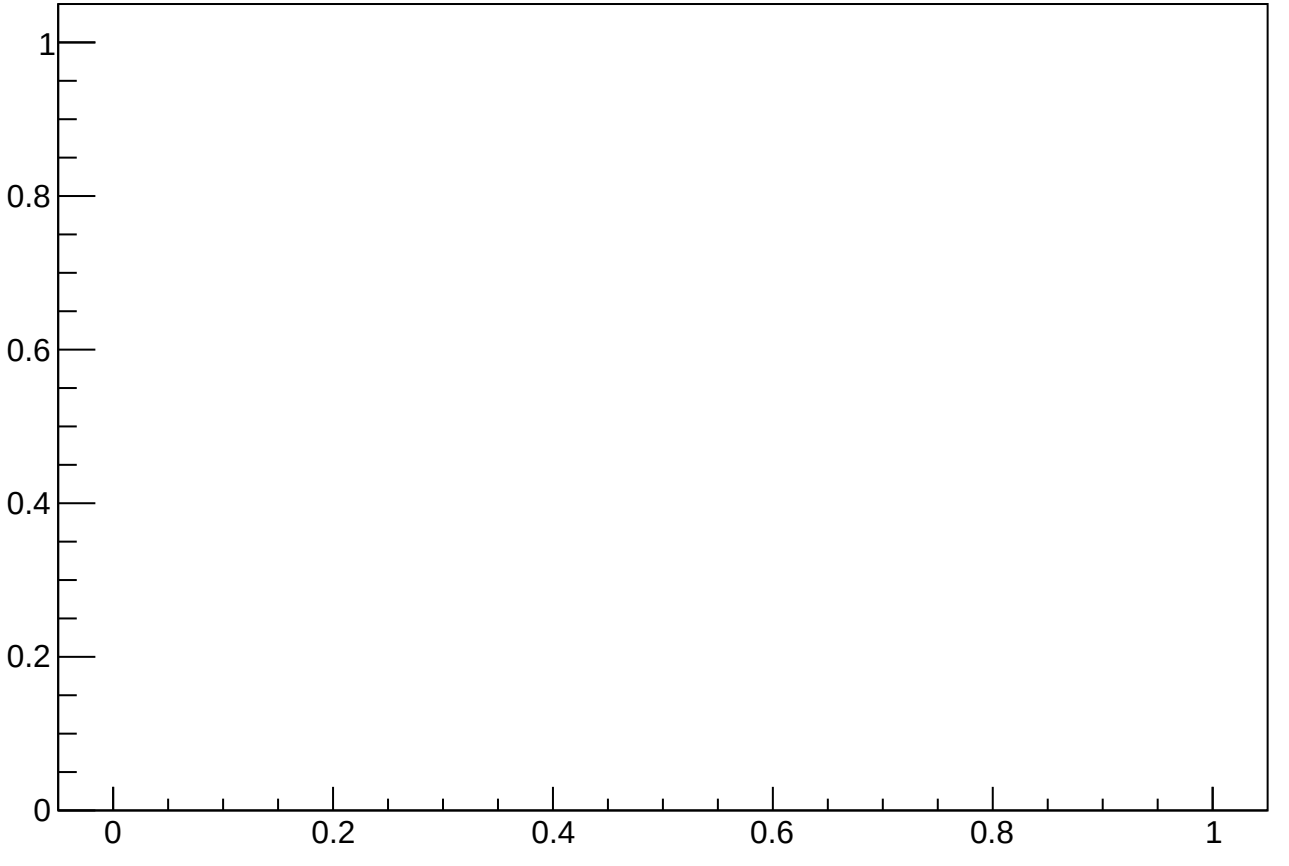
dit_4aY_coil6_mean vs Slug, Sign Corrected



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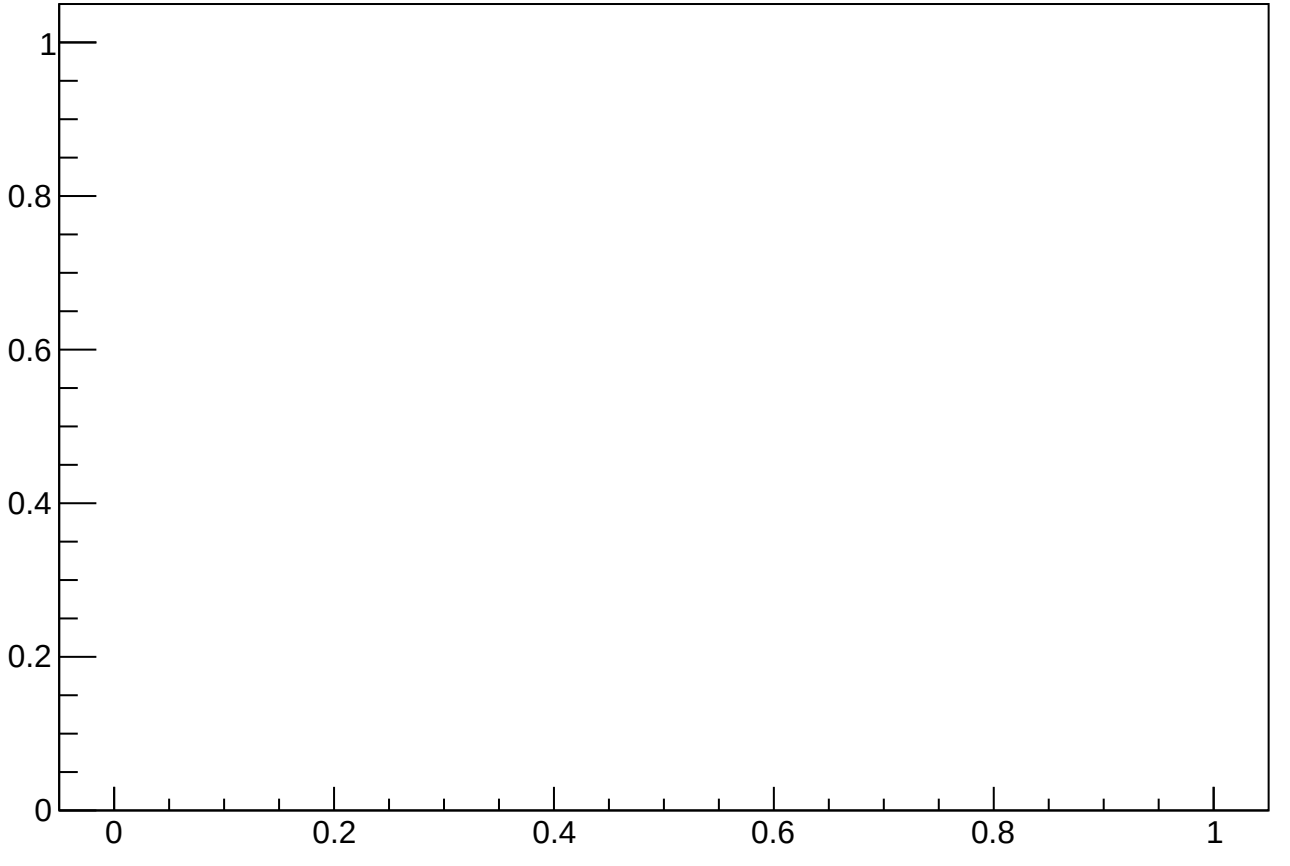
dit_4aY_coil6_err_mean vs Slug, Sign Corrected



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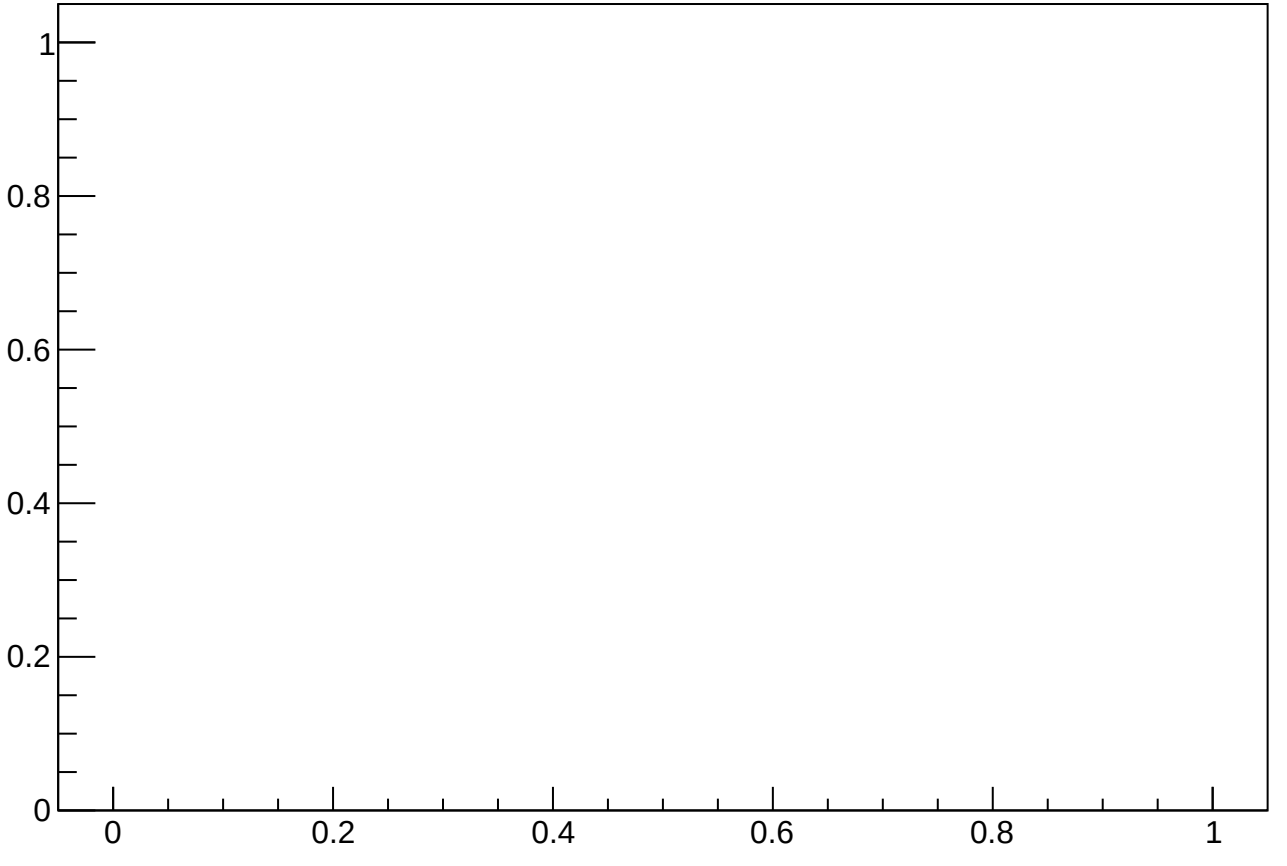
dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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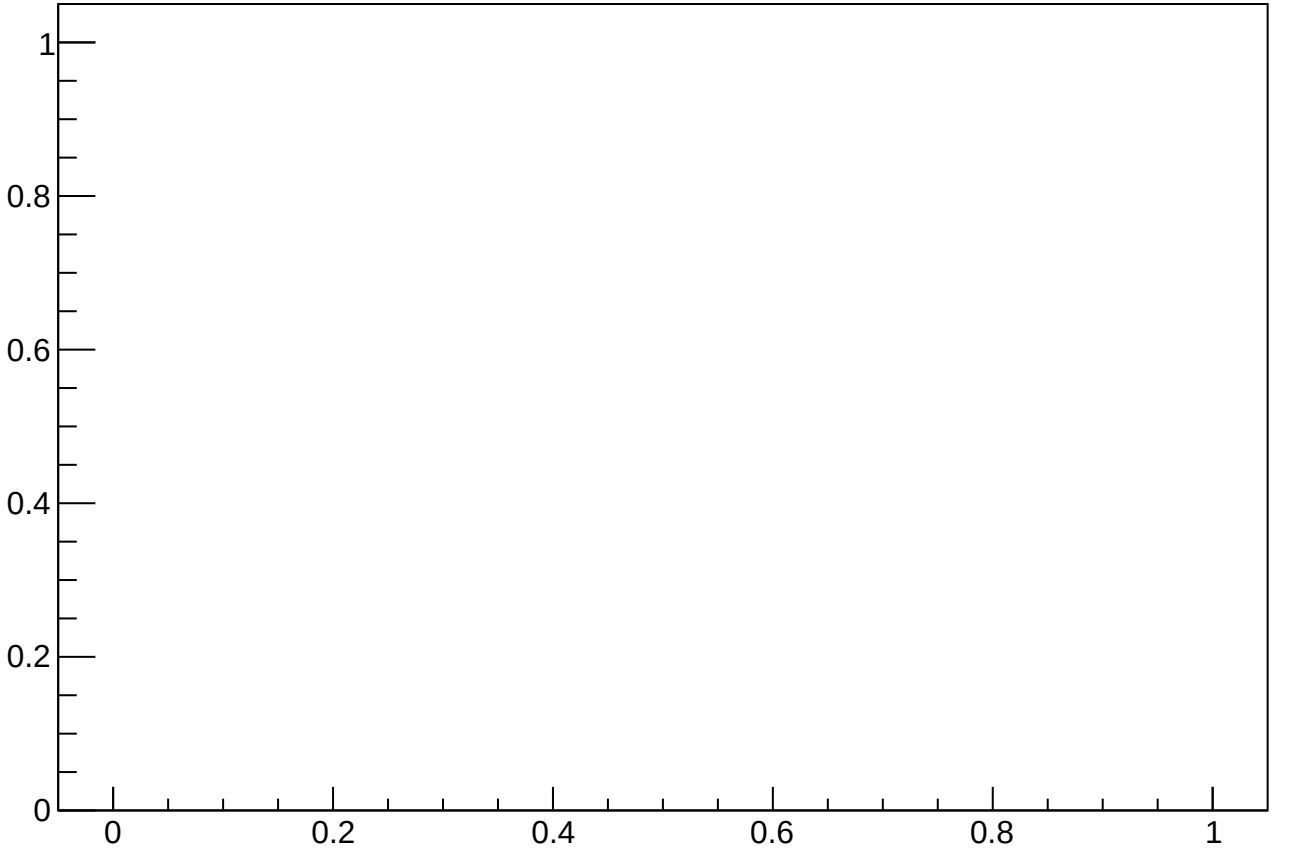
dit_4eY_coil6_mean vs Slug, Sign Corrected



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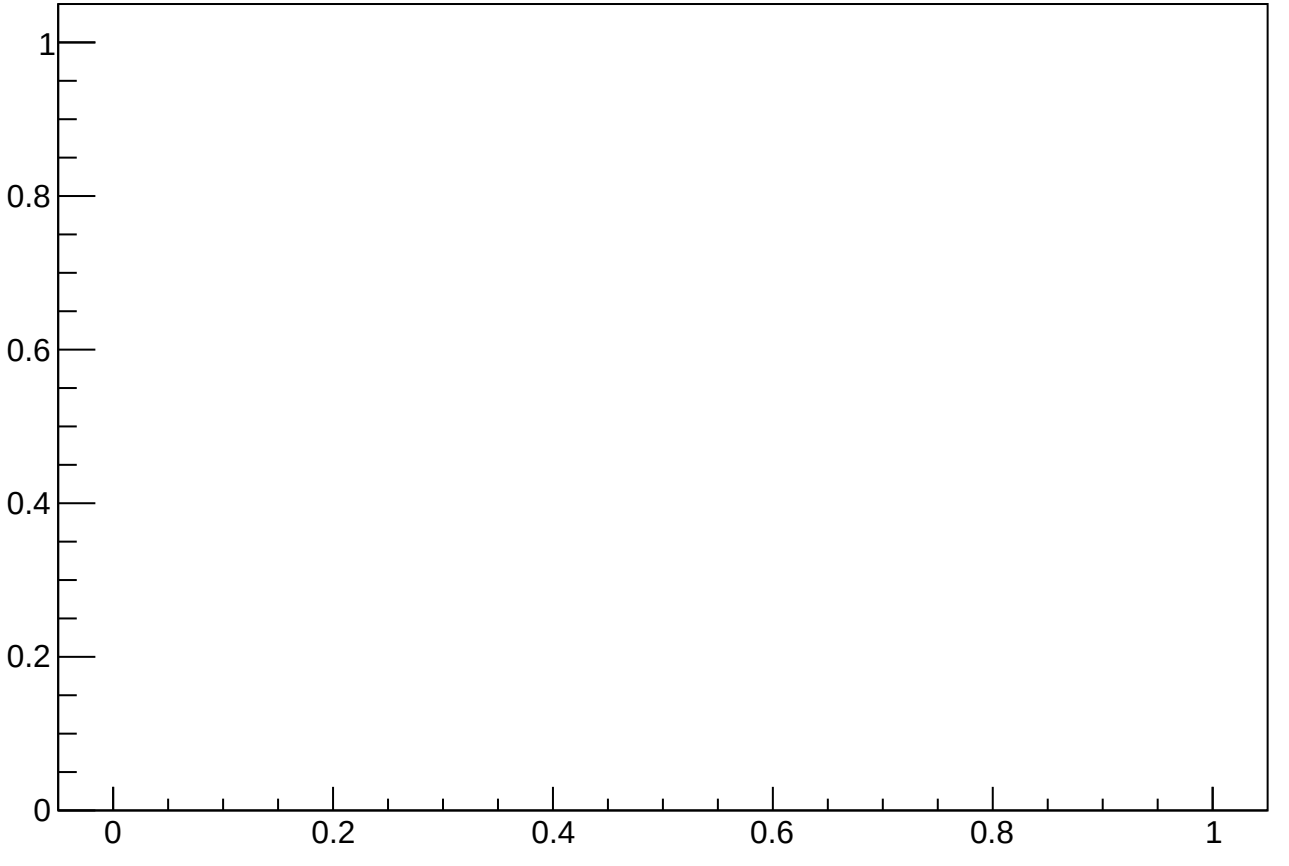
dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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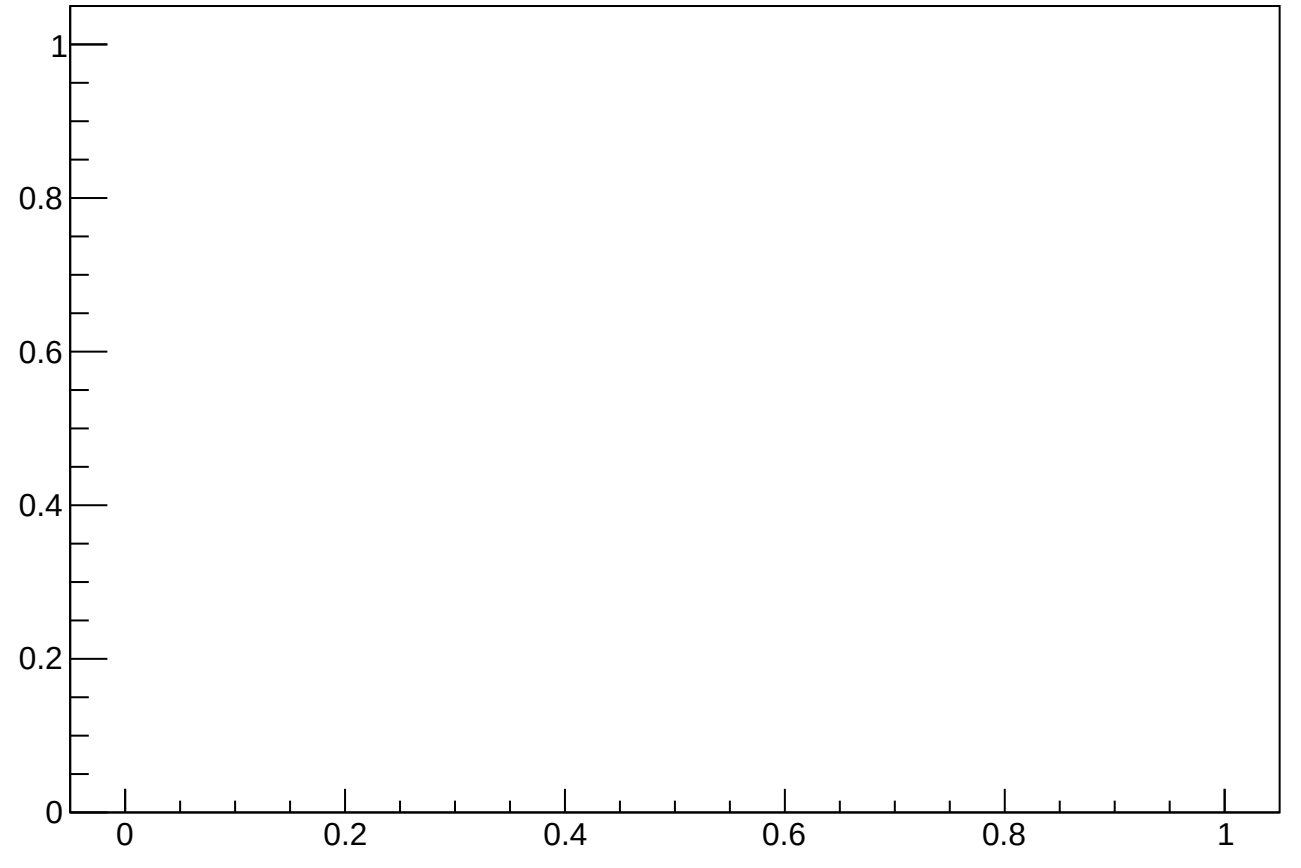

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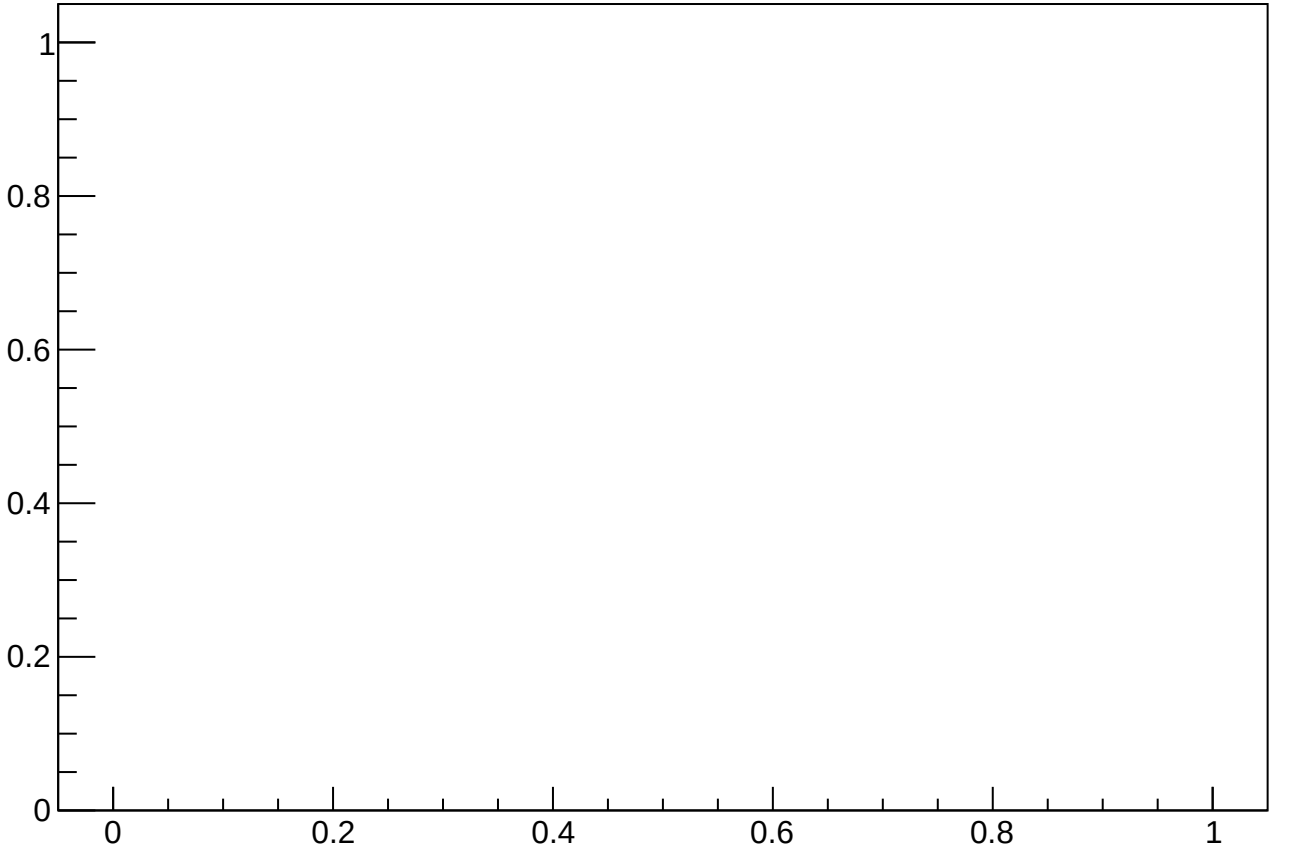
dit_usl_coil6_mean vs Slug, Sign Corrected



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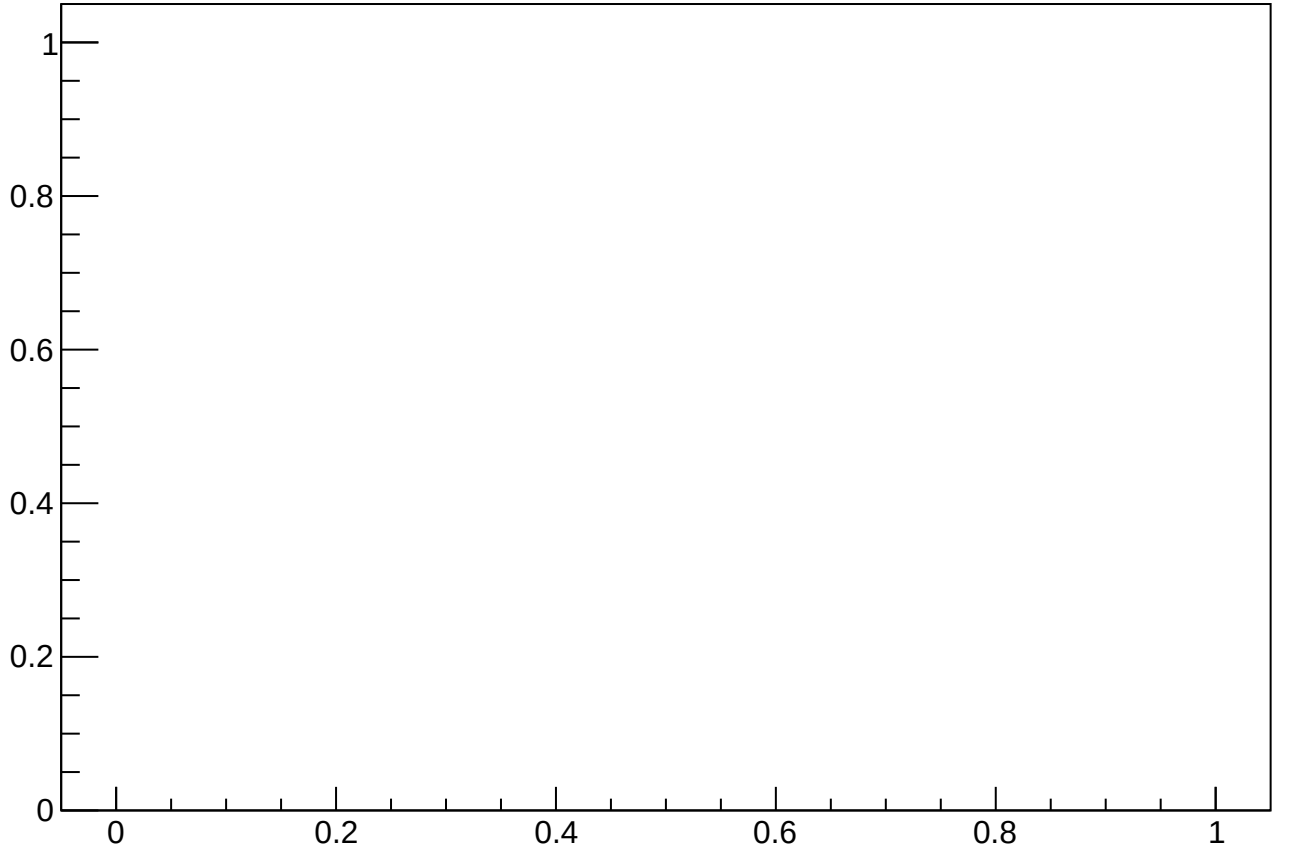
dit_usl_coil6_err_mean vs Slug, Sign Corrected



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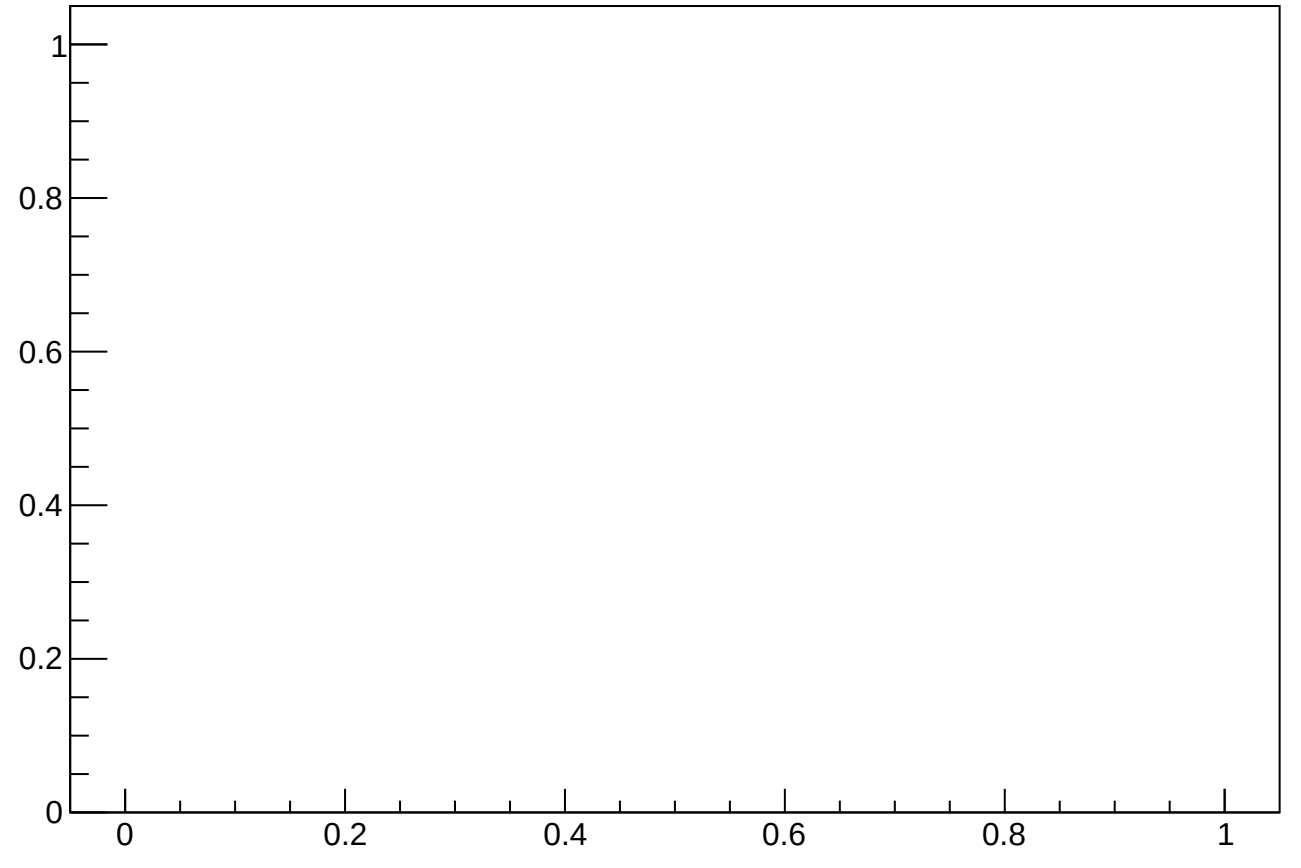

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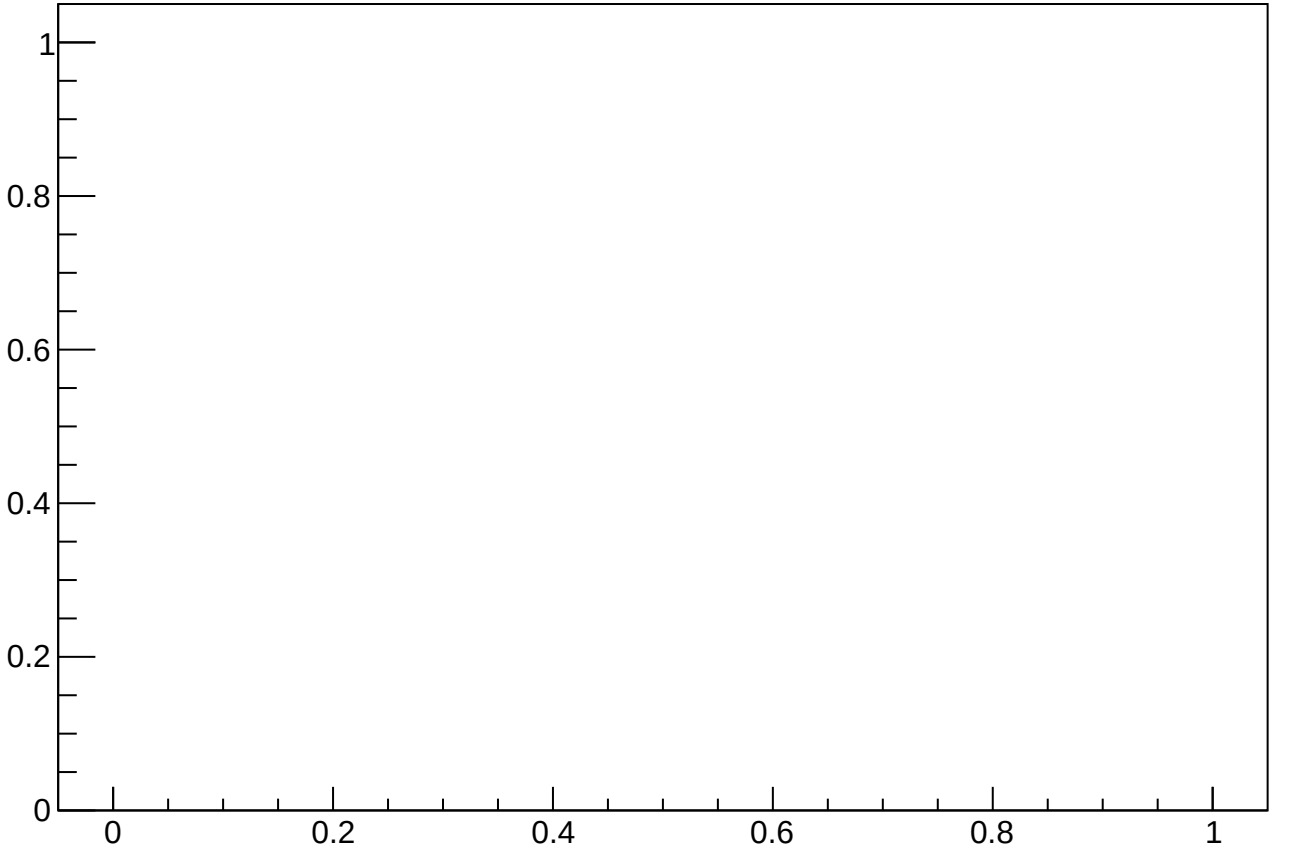
dit_usr_coil6_mean vs Slug, Sign Corrected



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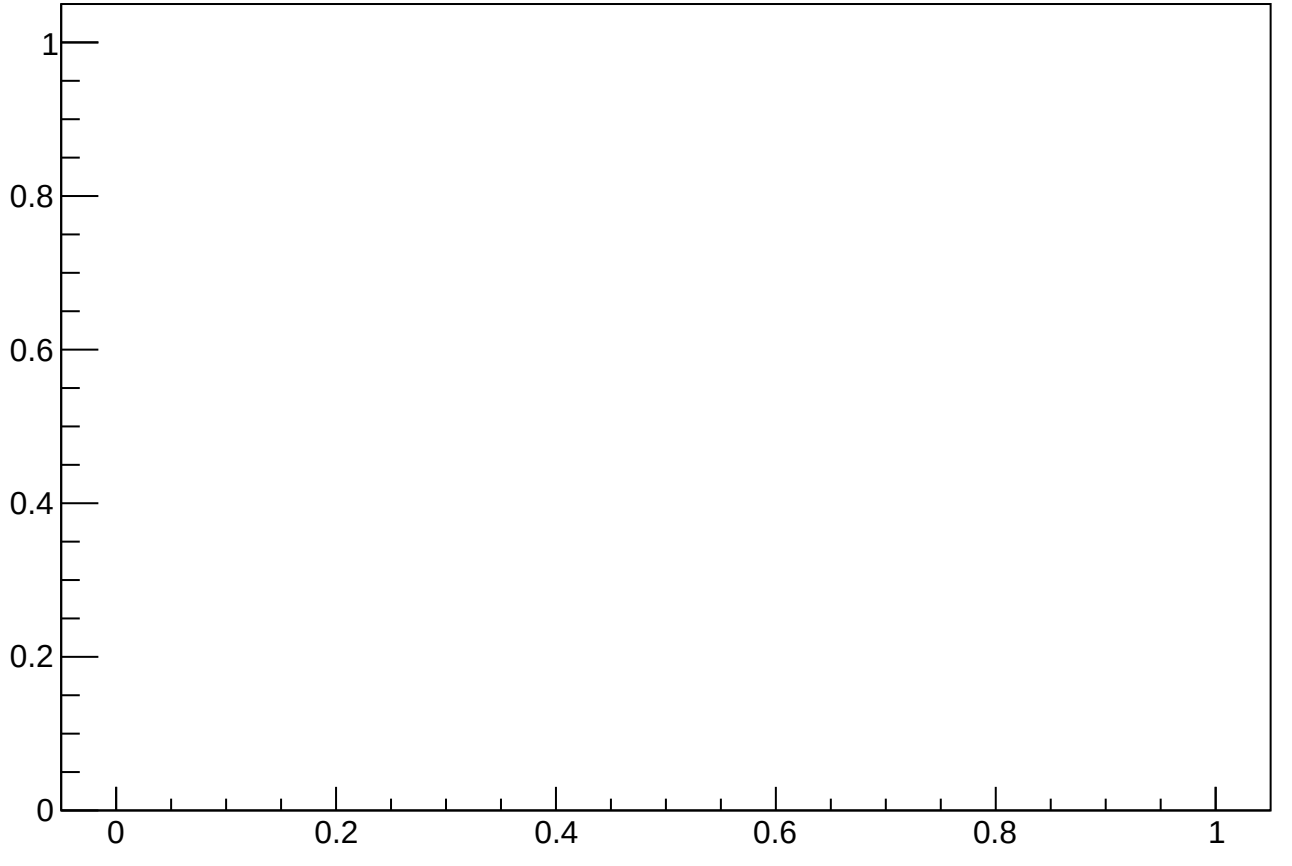
dit_usr_coil6_err_mean vs Slug, Sign Corrected



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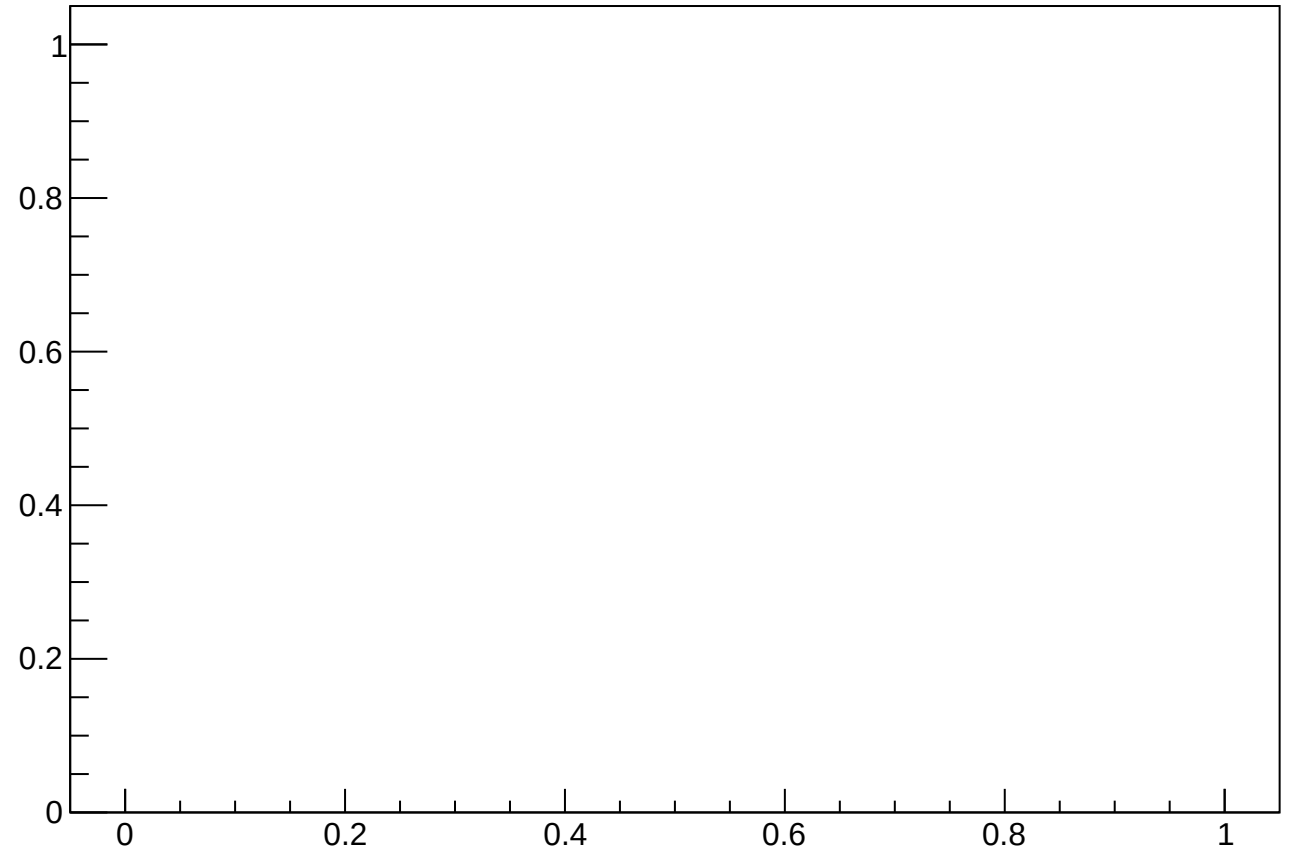

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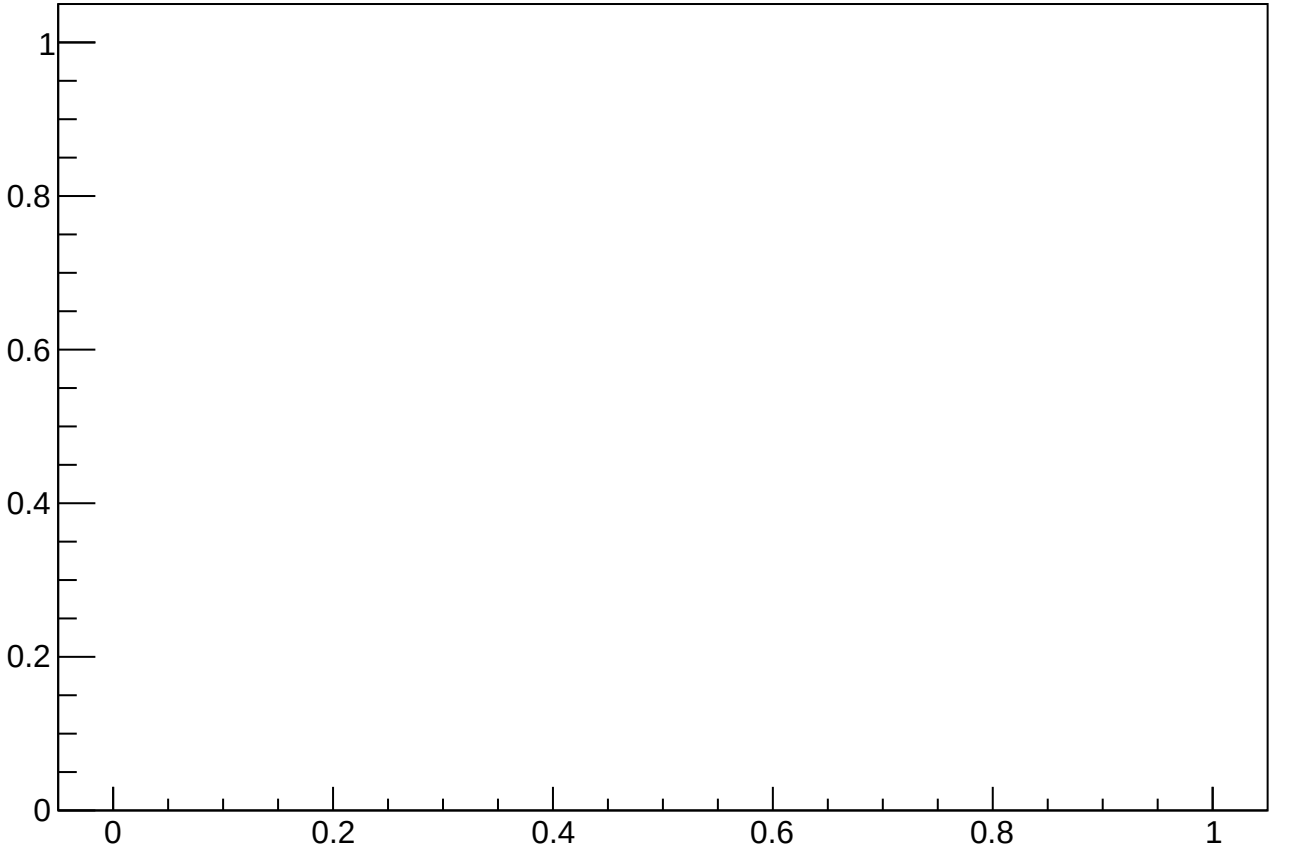
dit_atl1_coil6_mean vs Slug, Sign Corrected



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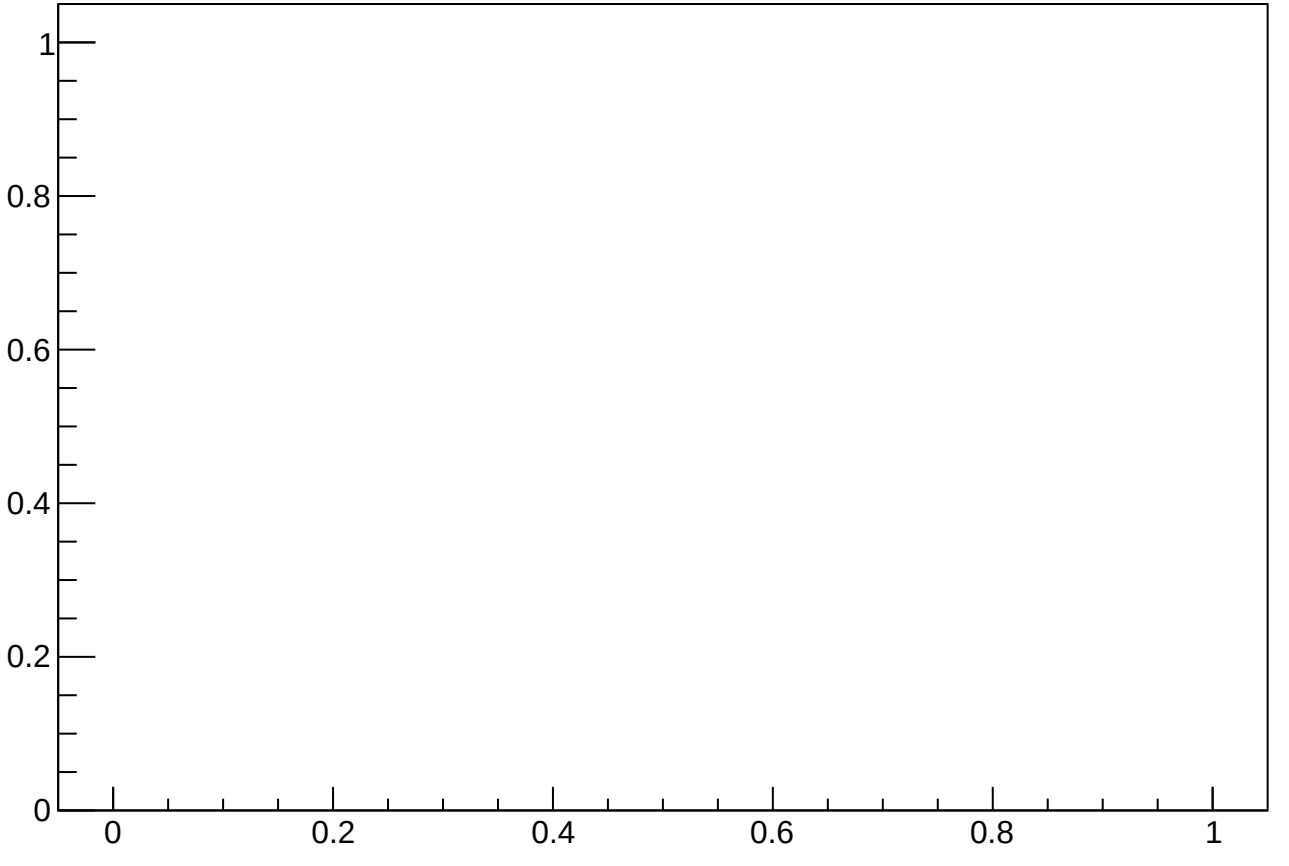
dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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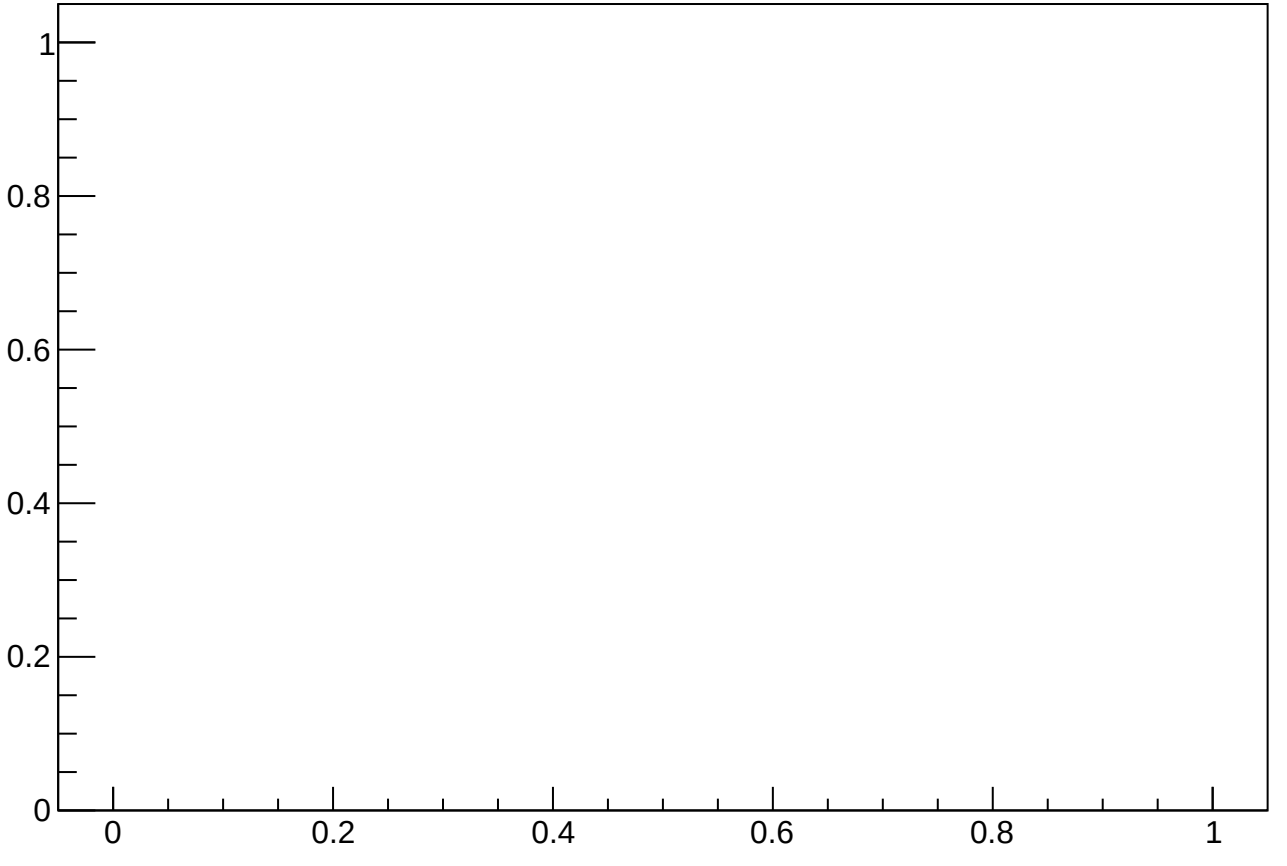
dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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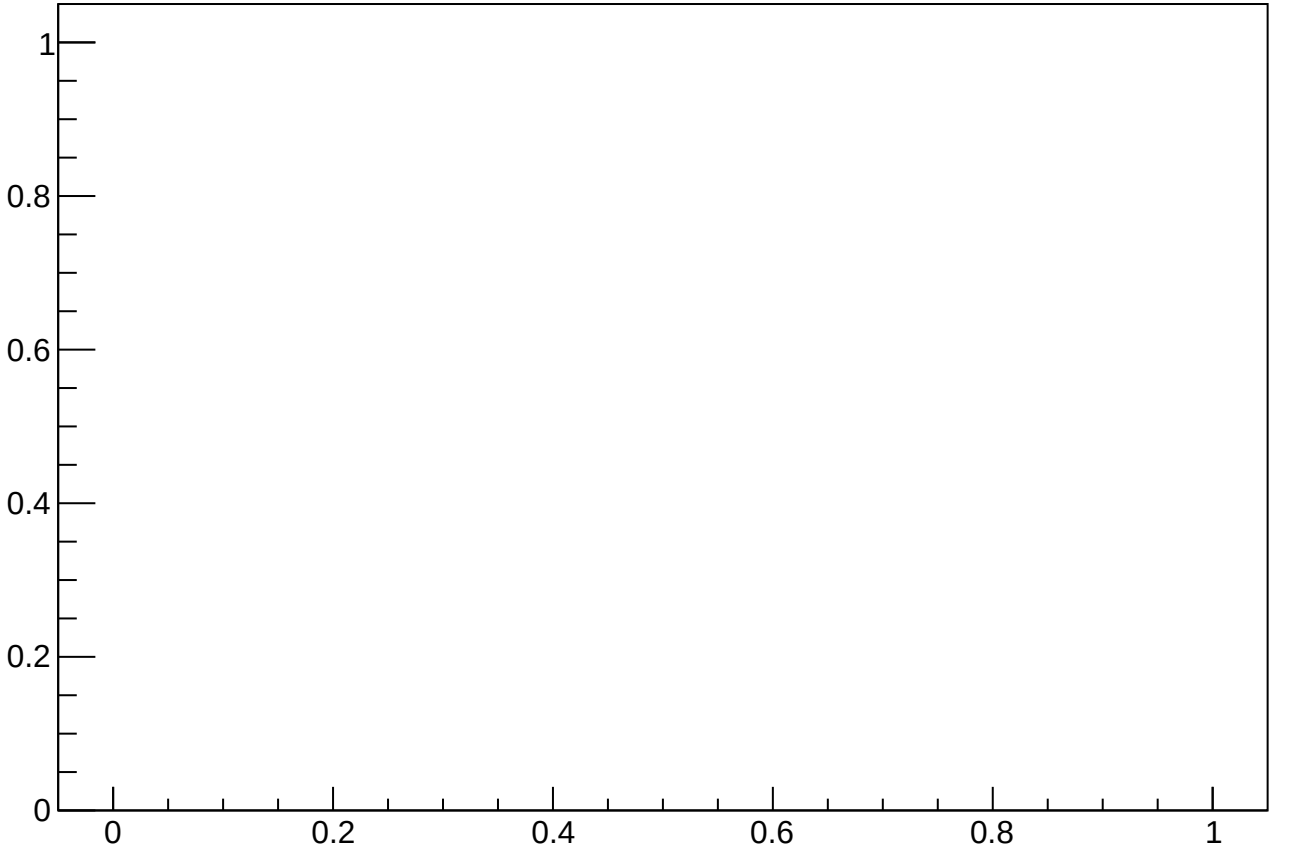
dit_atl2_coil6_mean vs Slug, Sign Corrected



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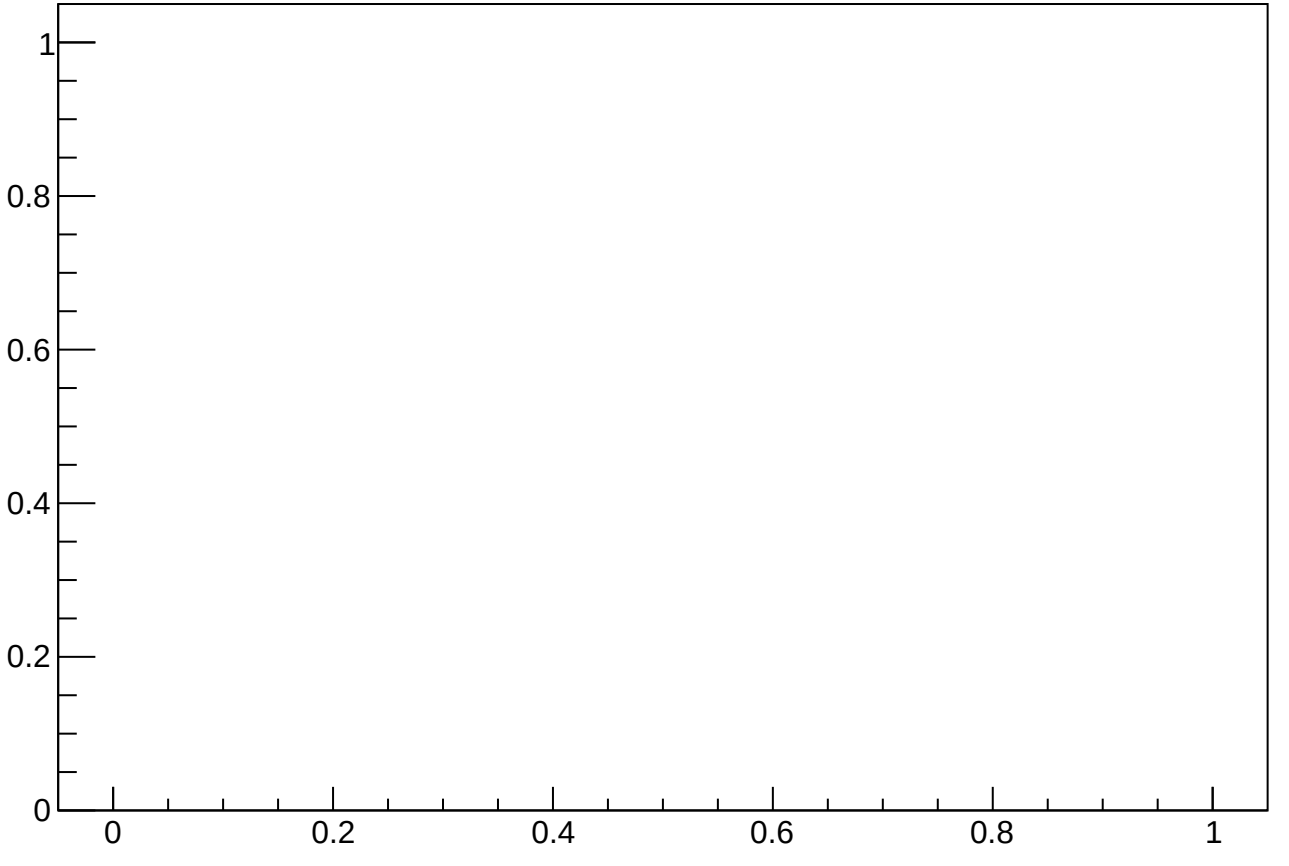
dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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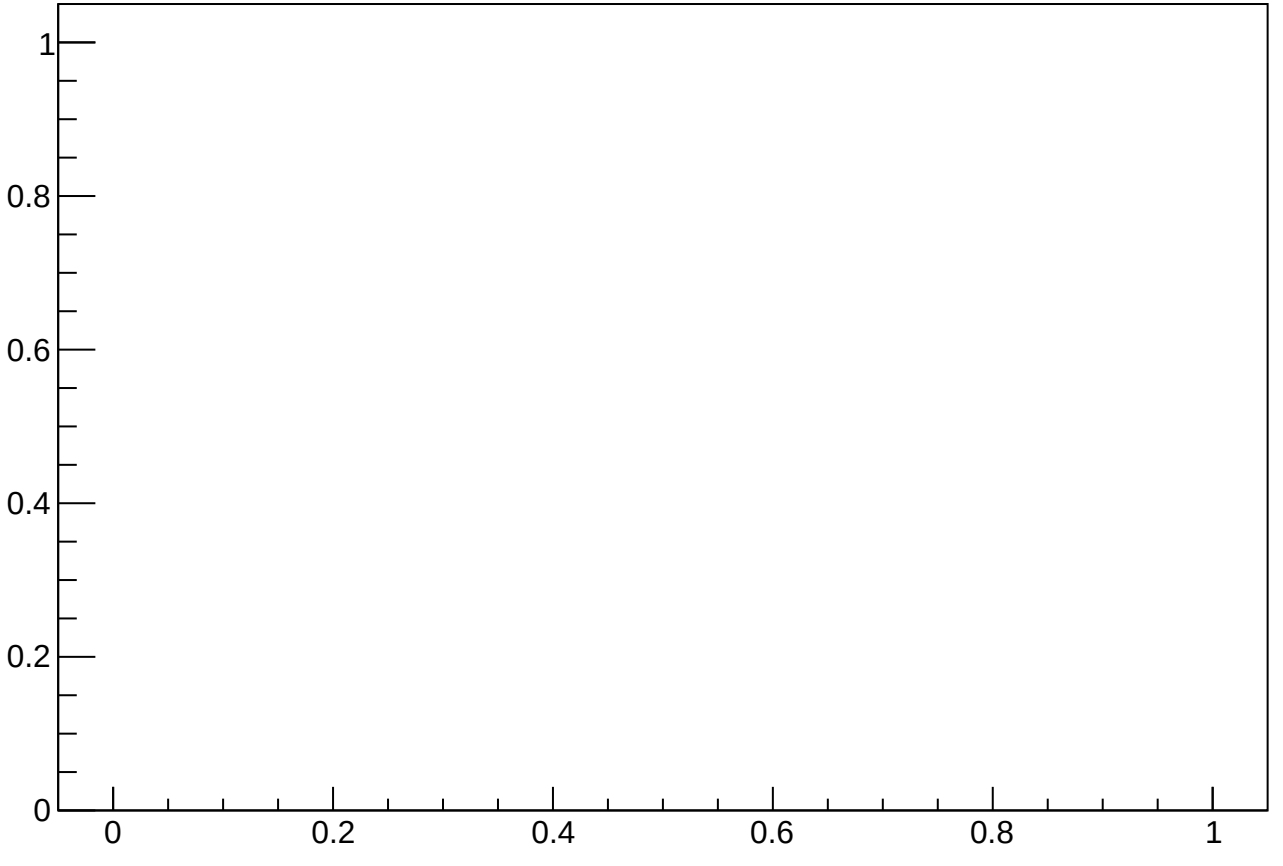

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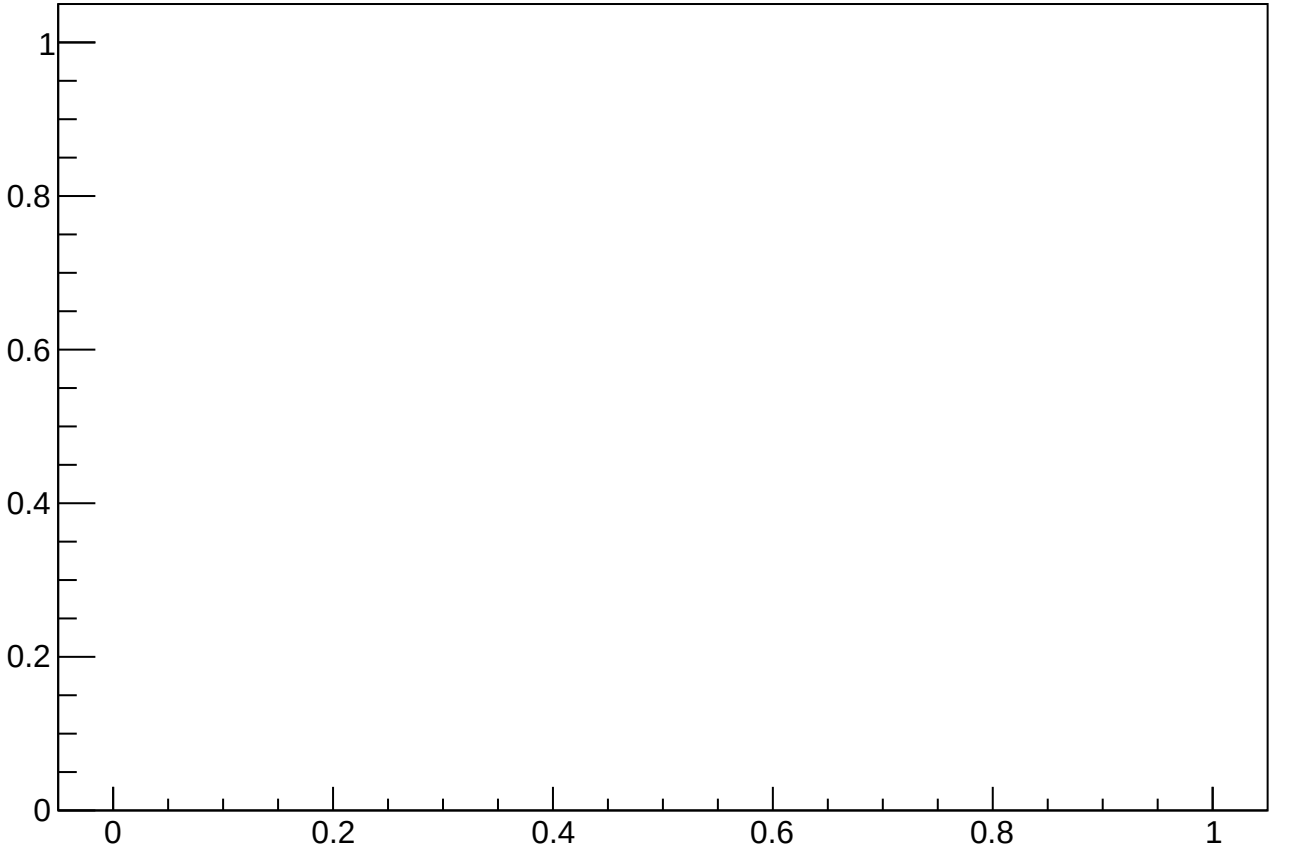
dit_atr1_coil6_mean vs Slug, Sign Corrected



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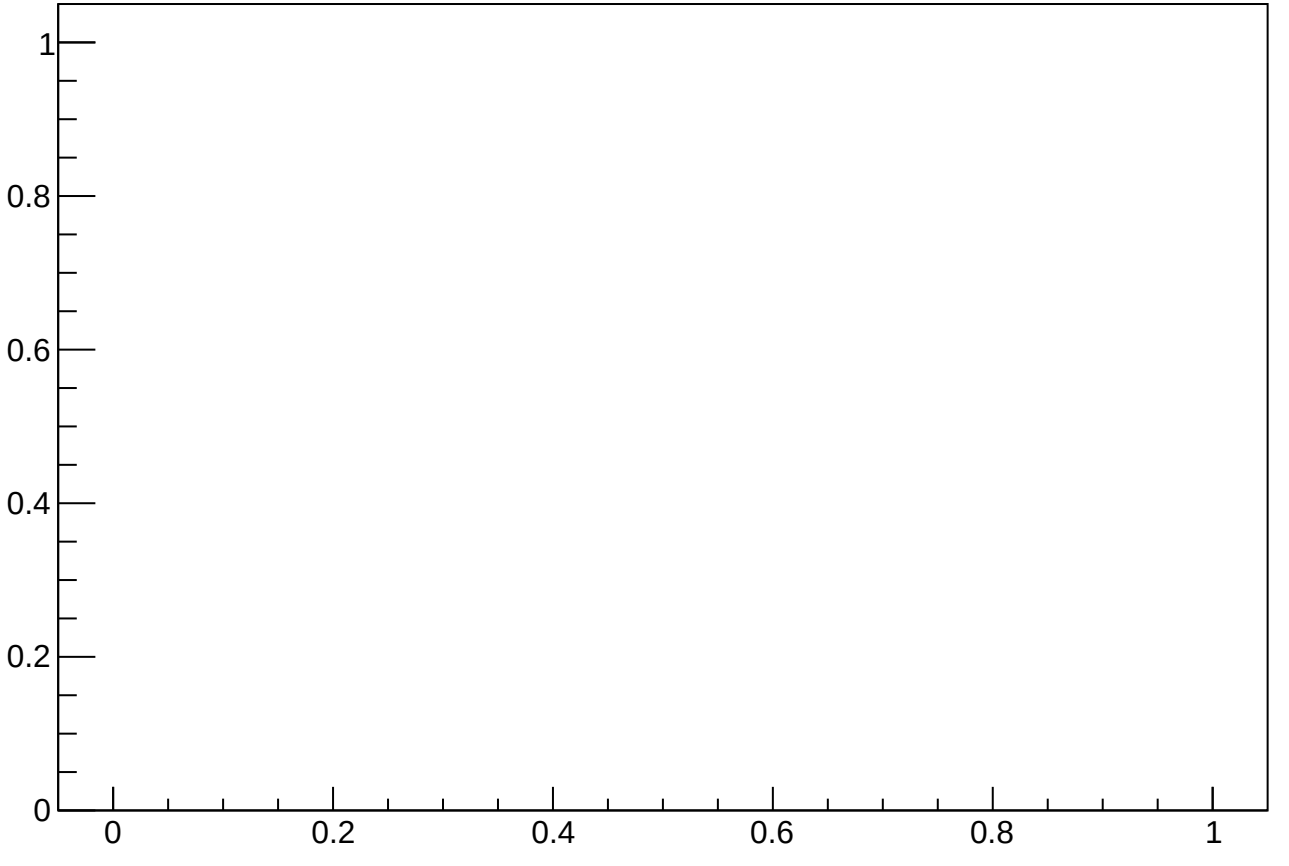
dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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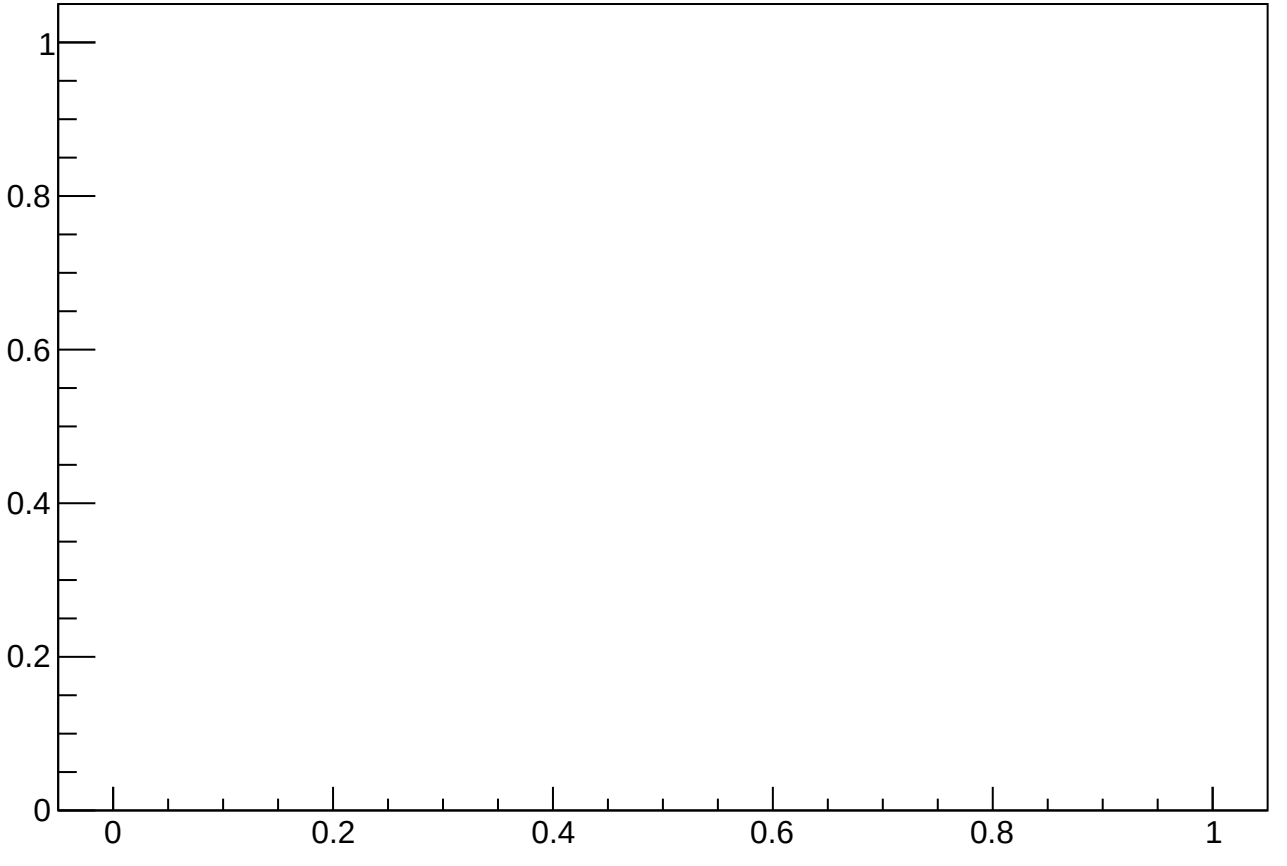
dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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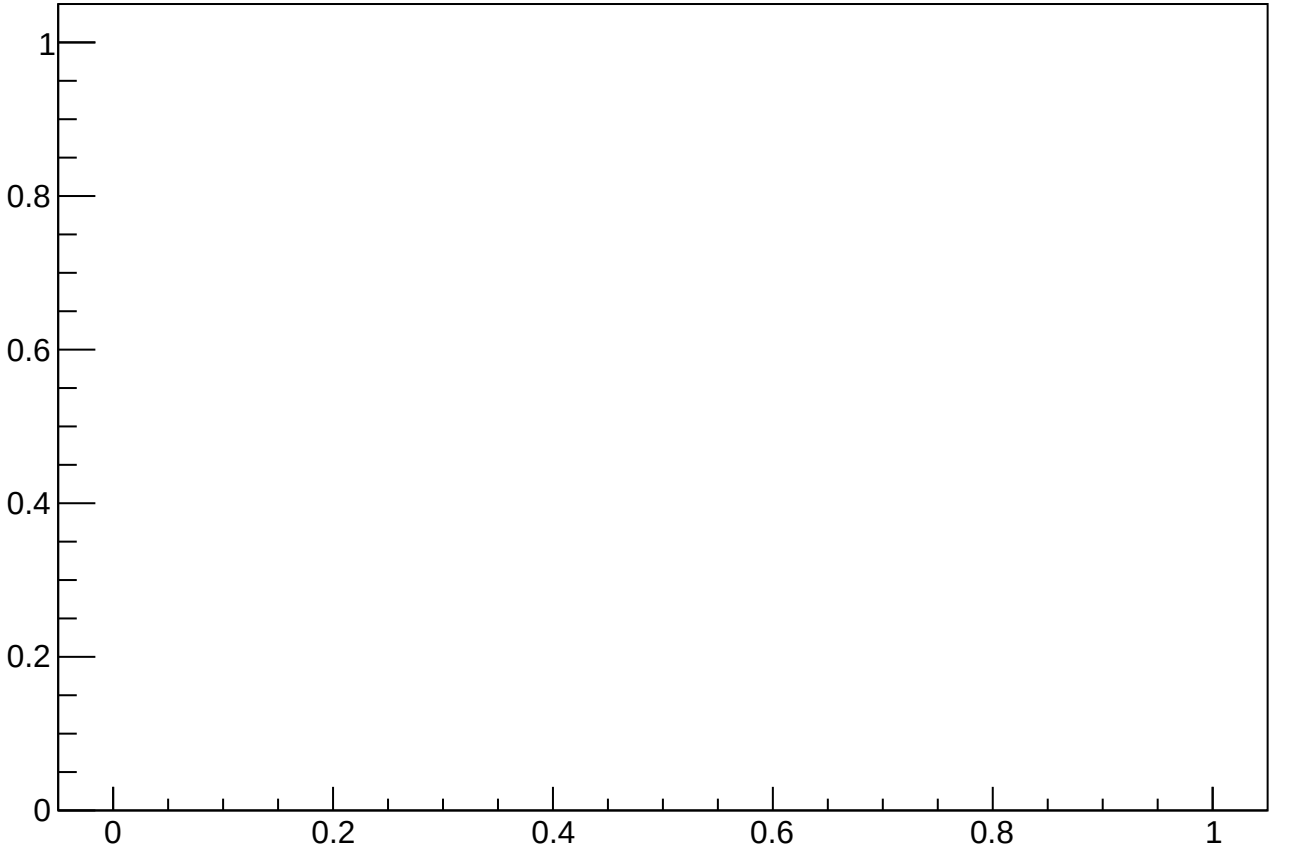
dit_atr2_coil6_mean vs Slug, Sign Corrected



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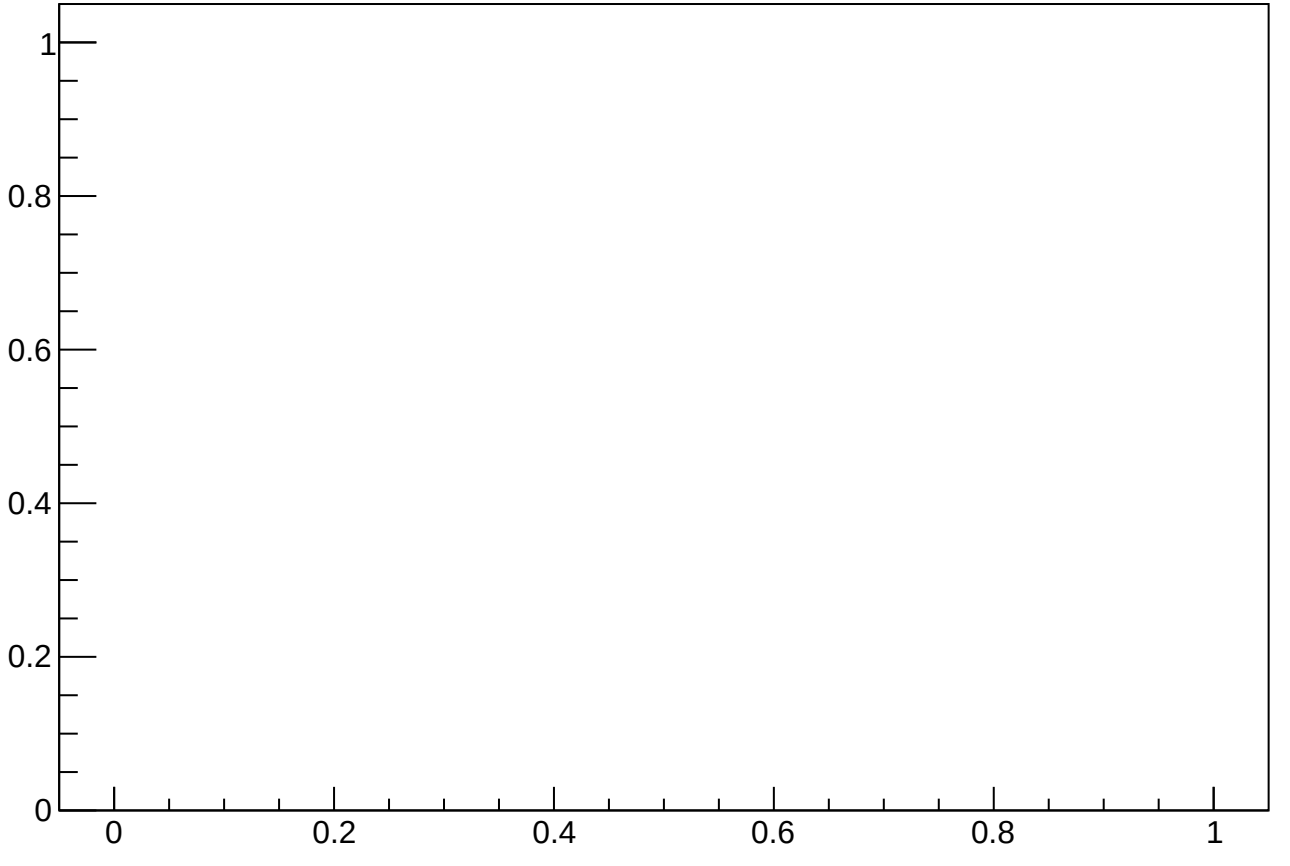
dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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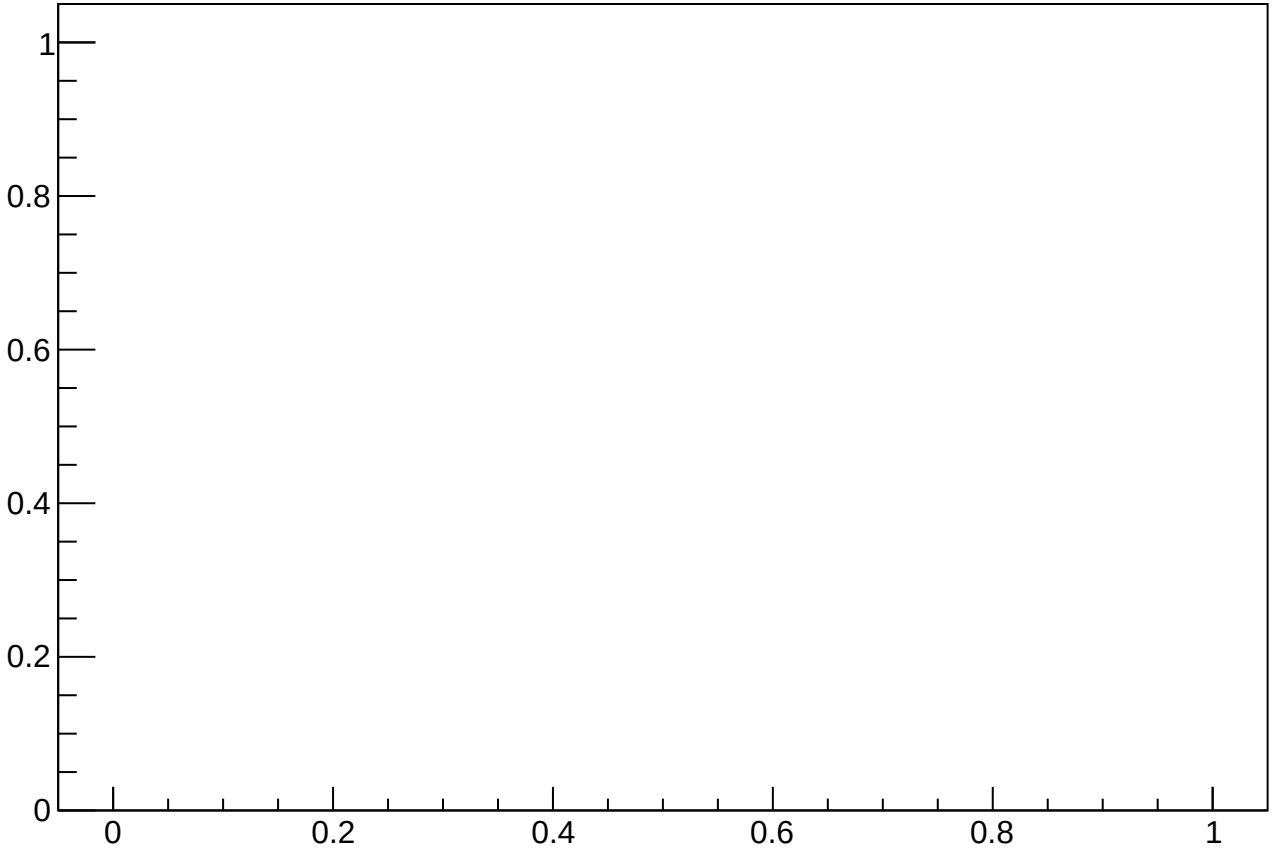
dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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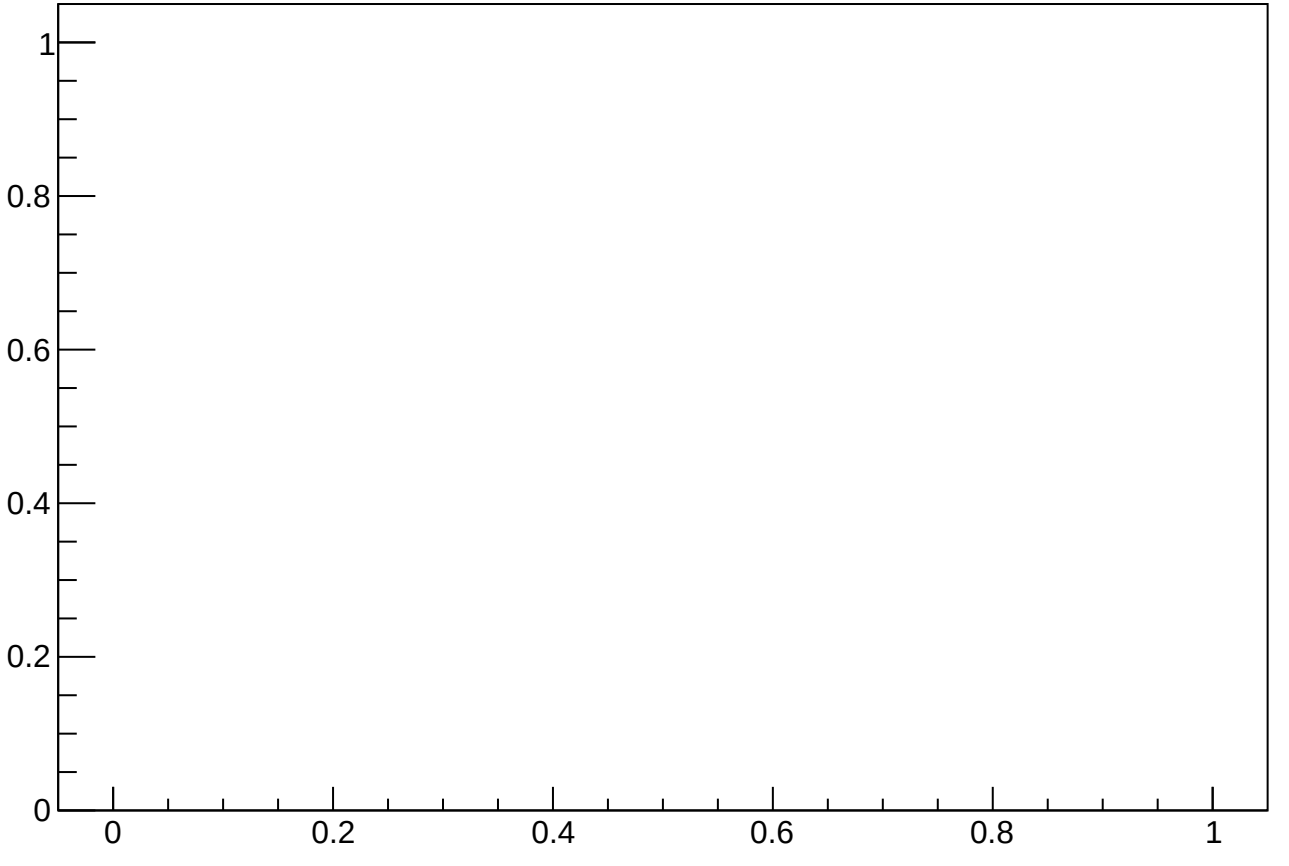

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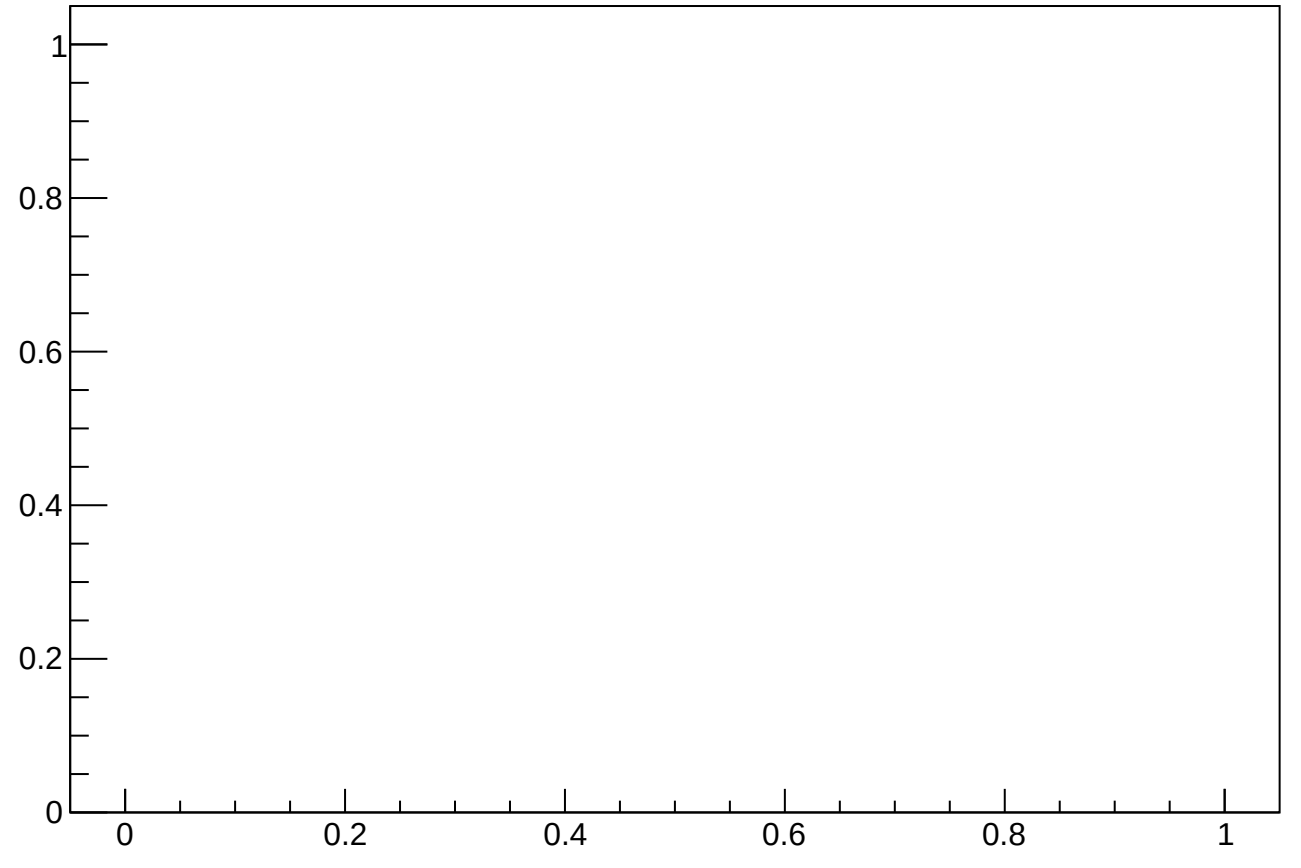

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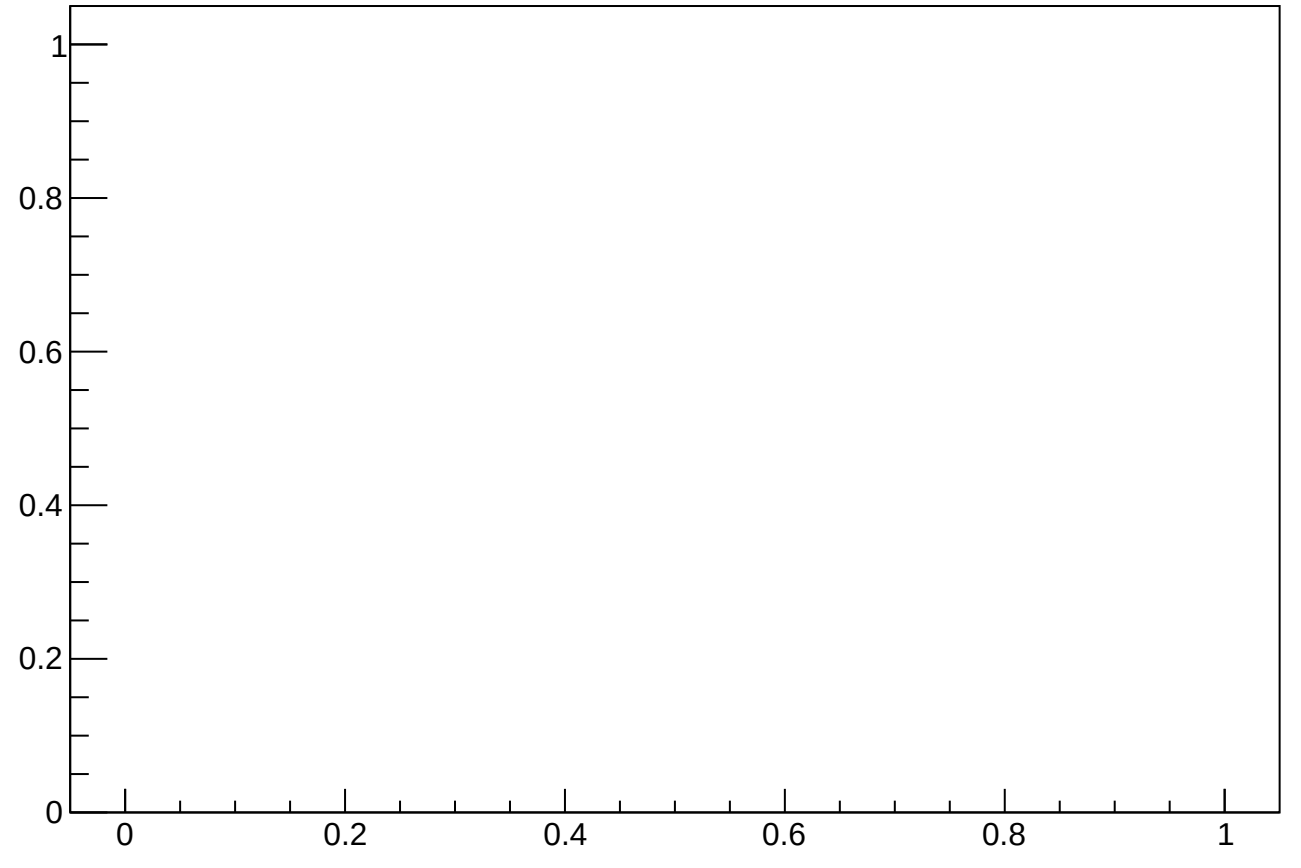

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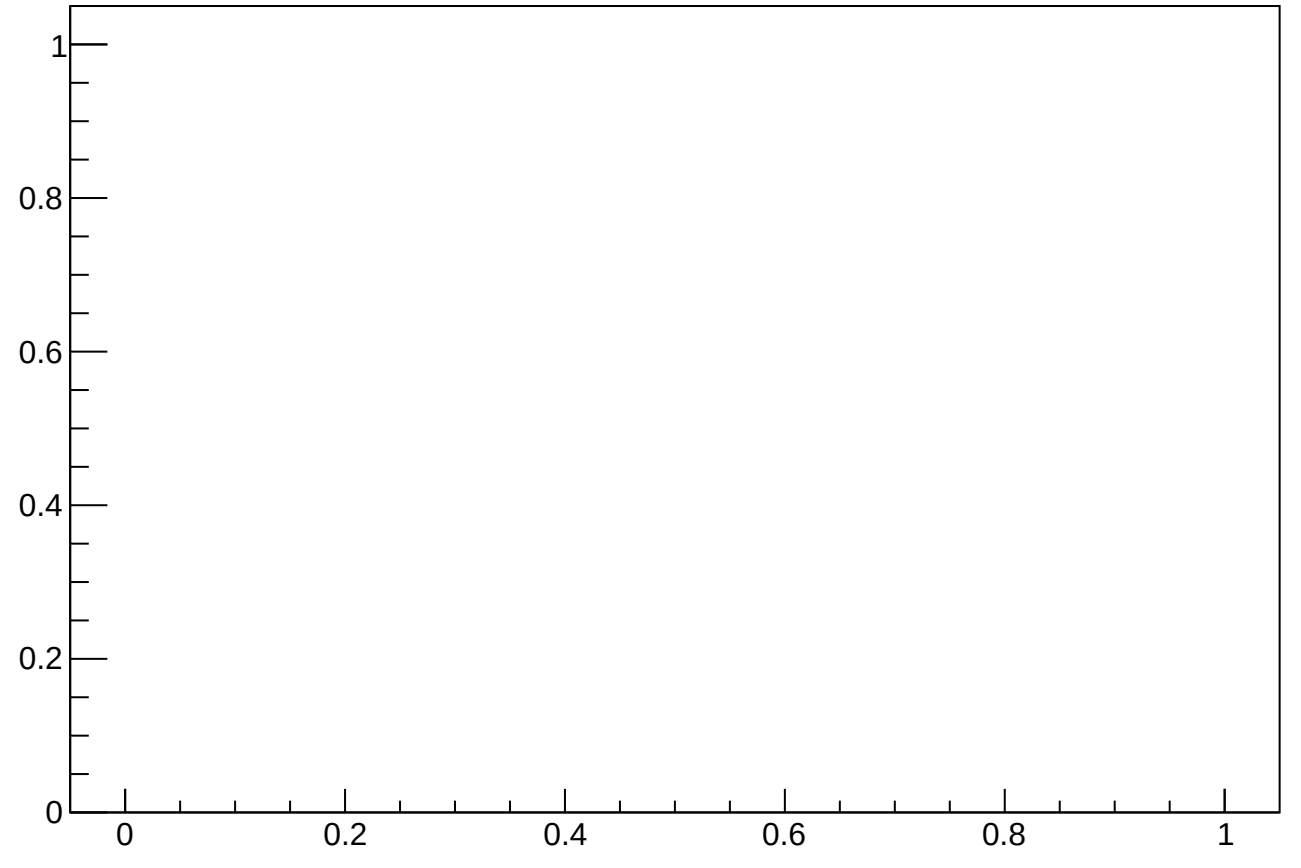

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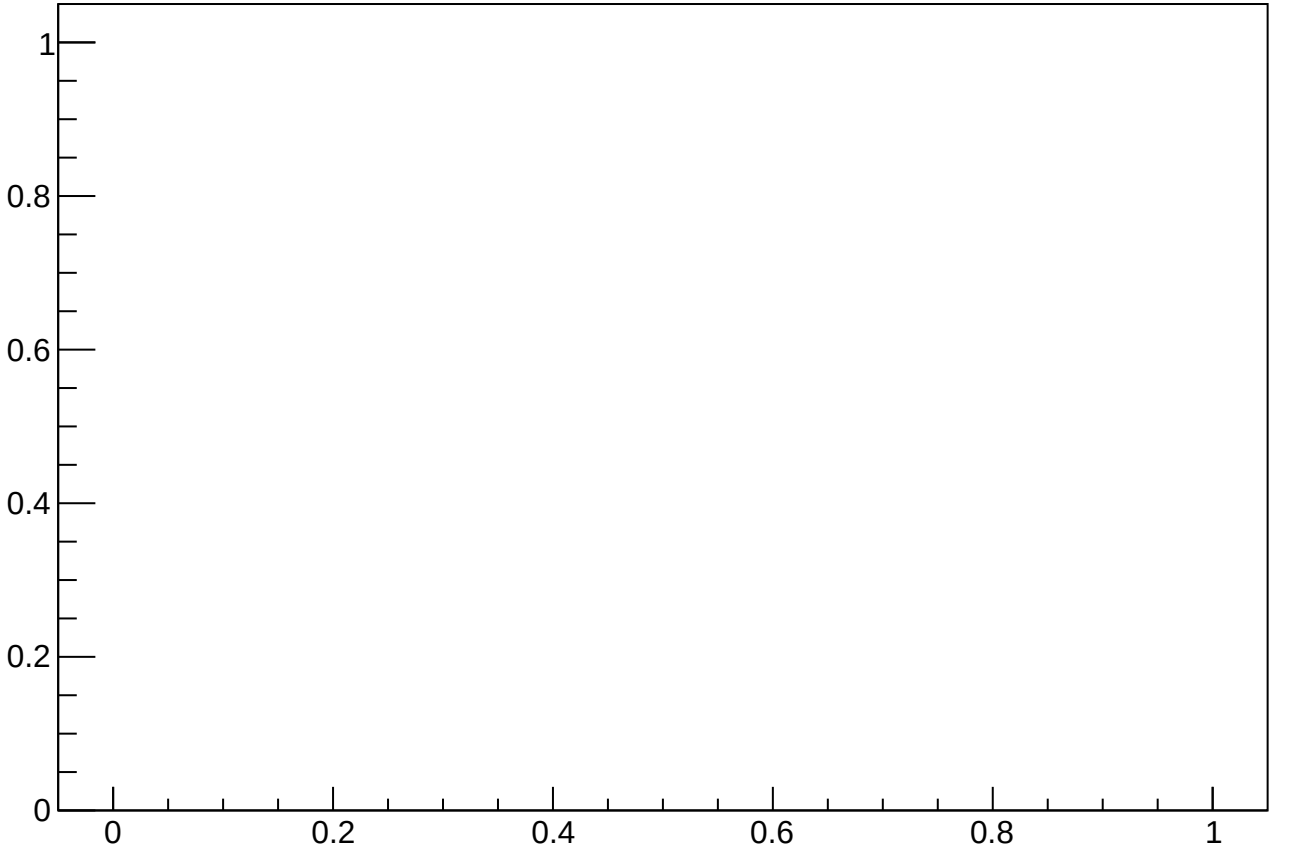
dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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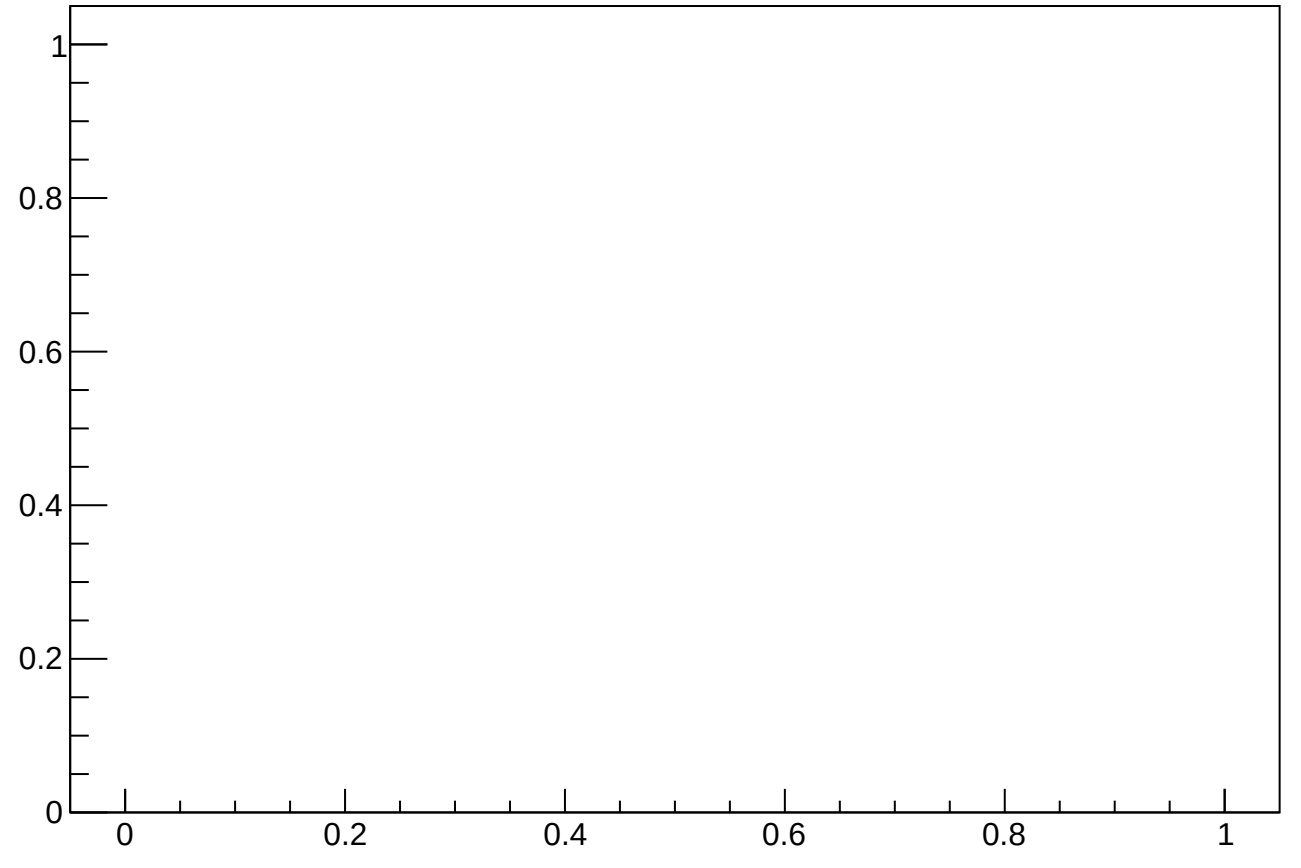

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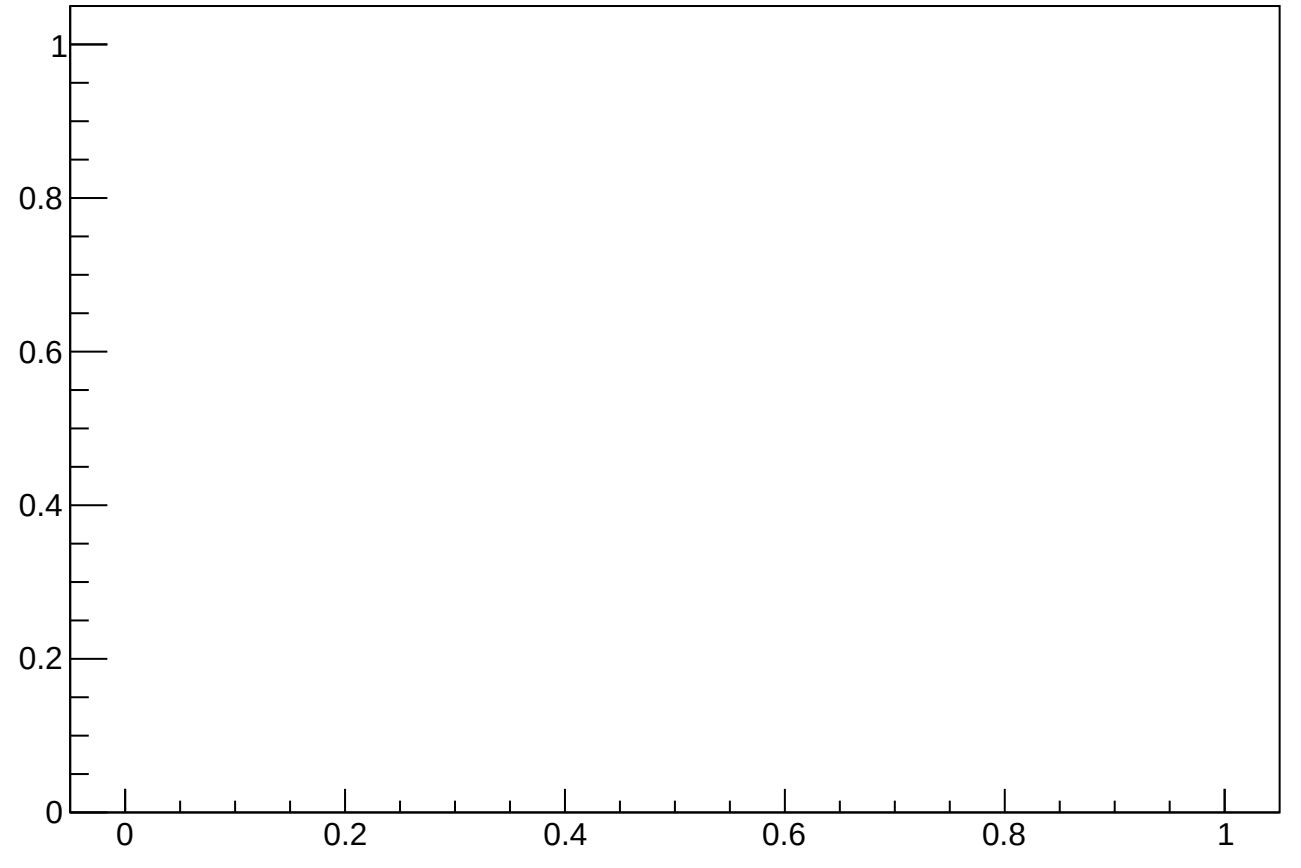

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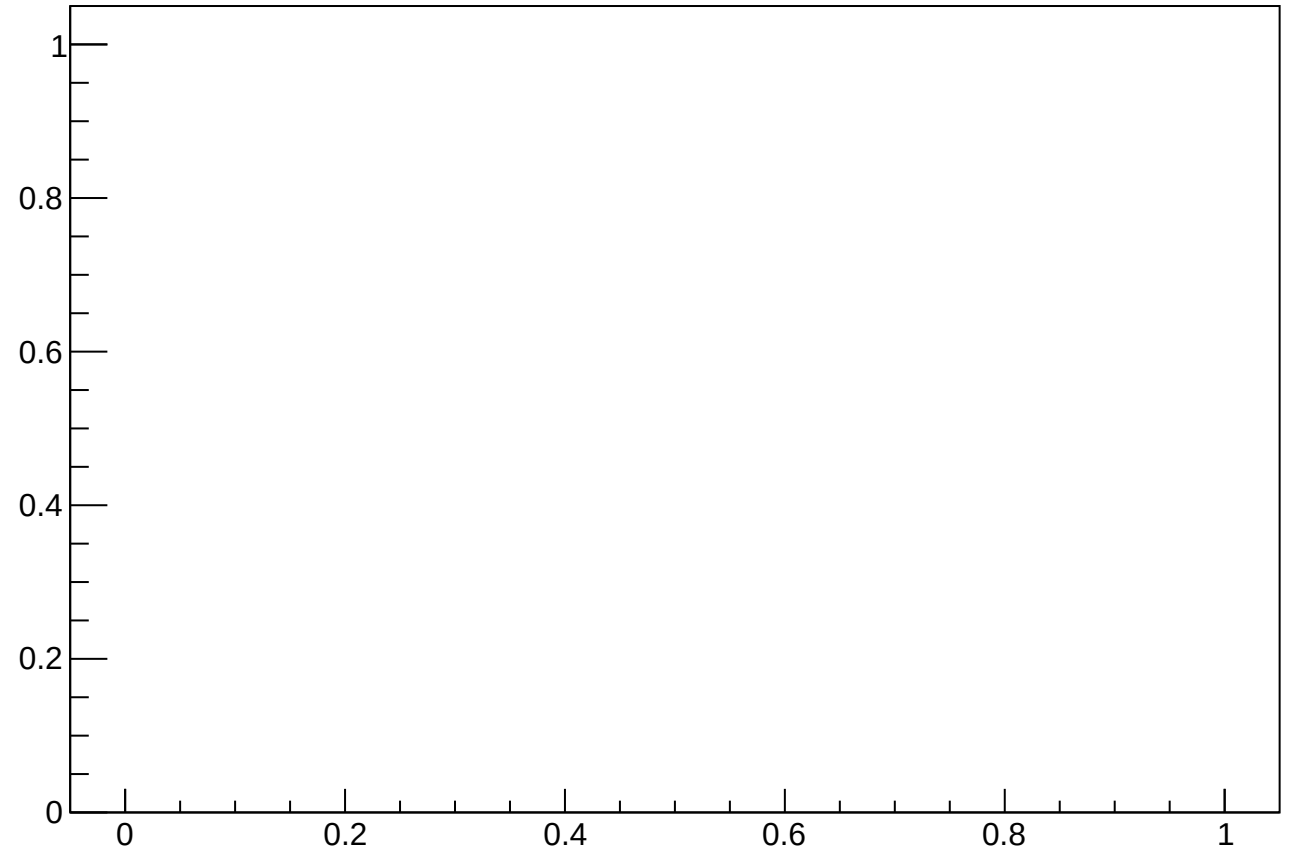

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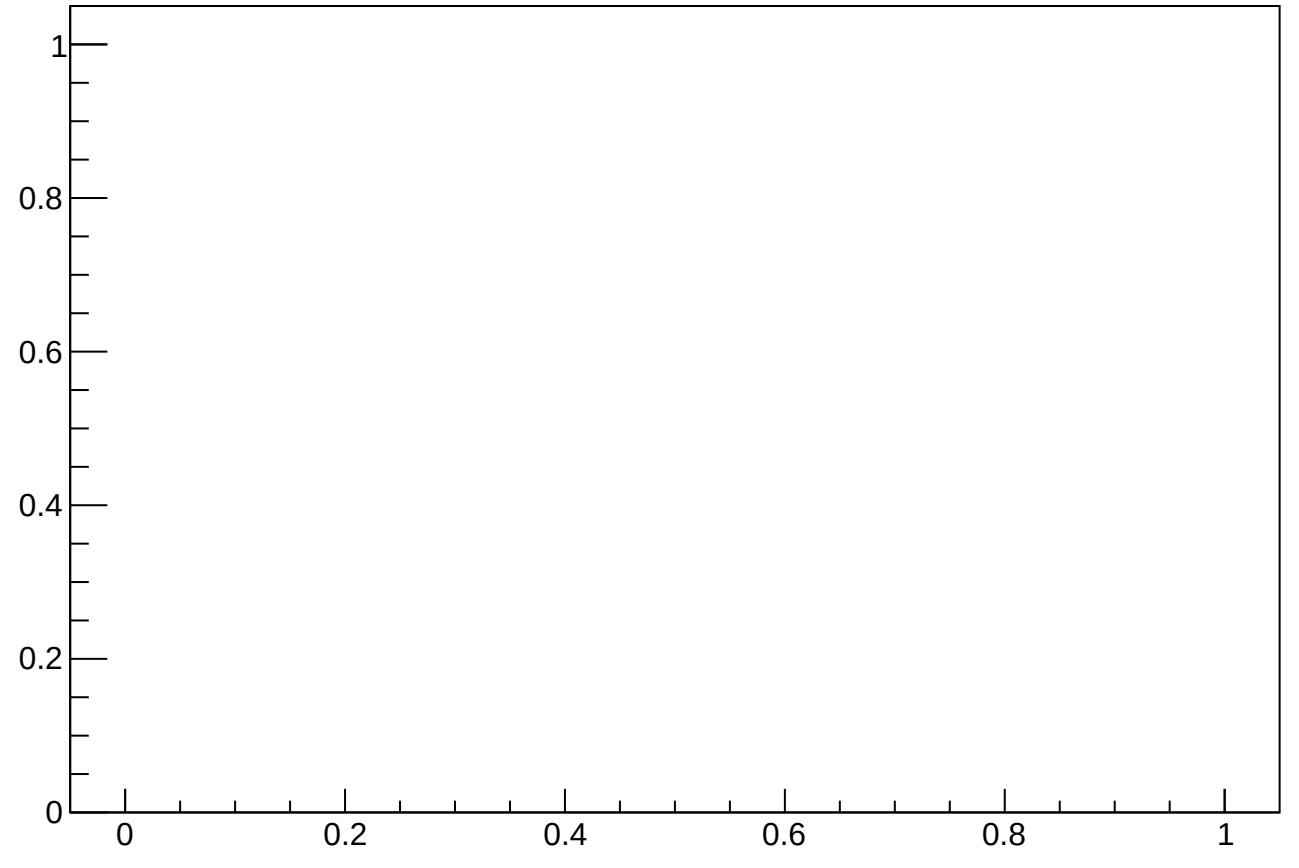

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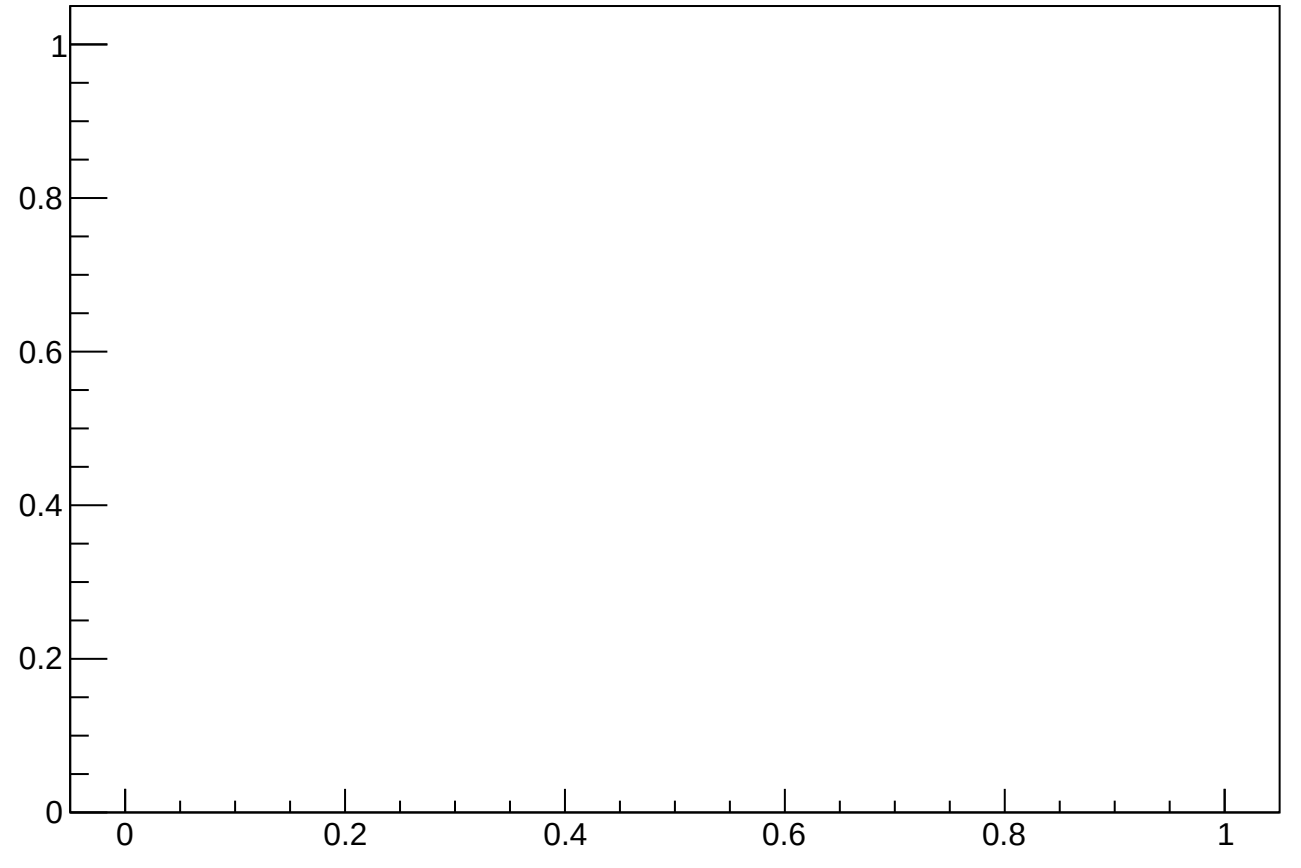

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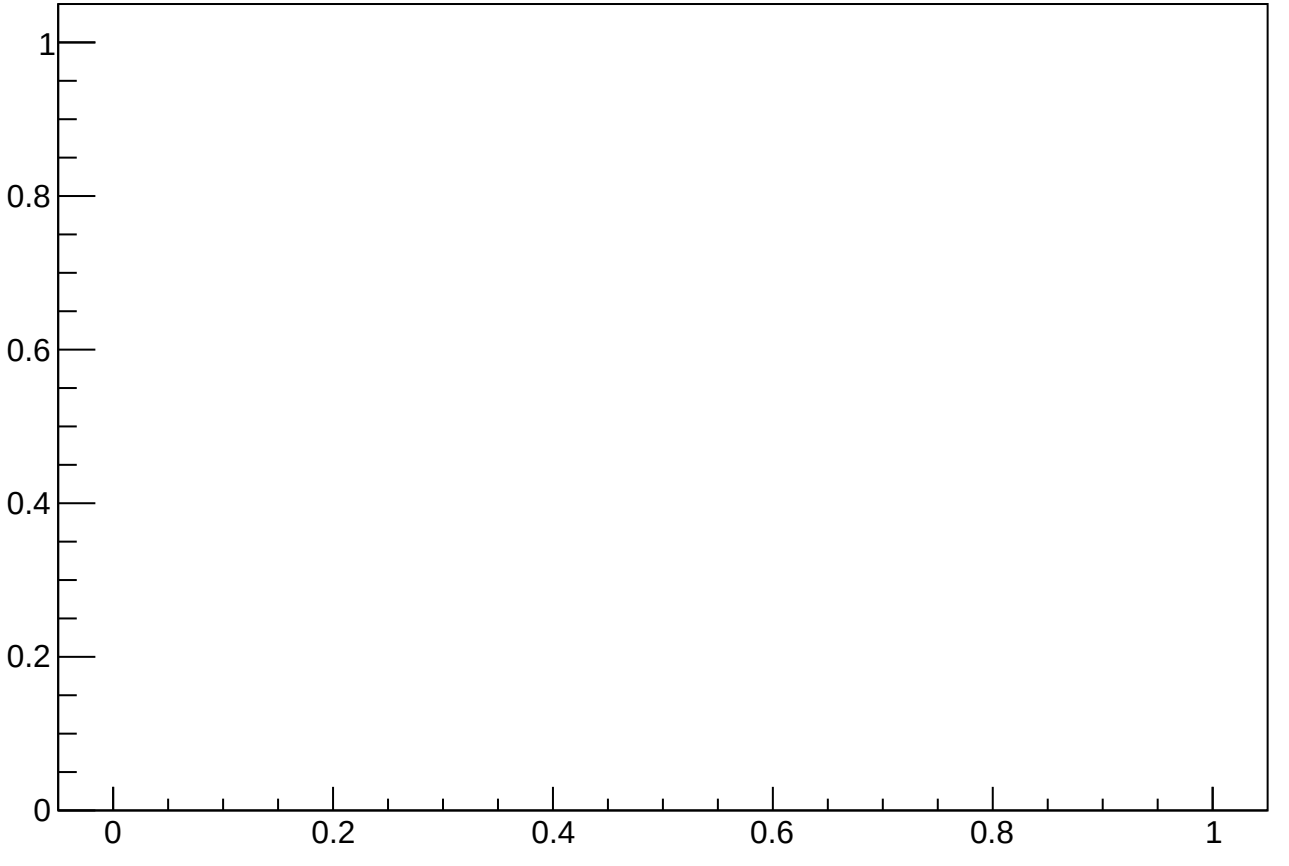
dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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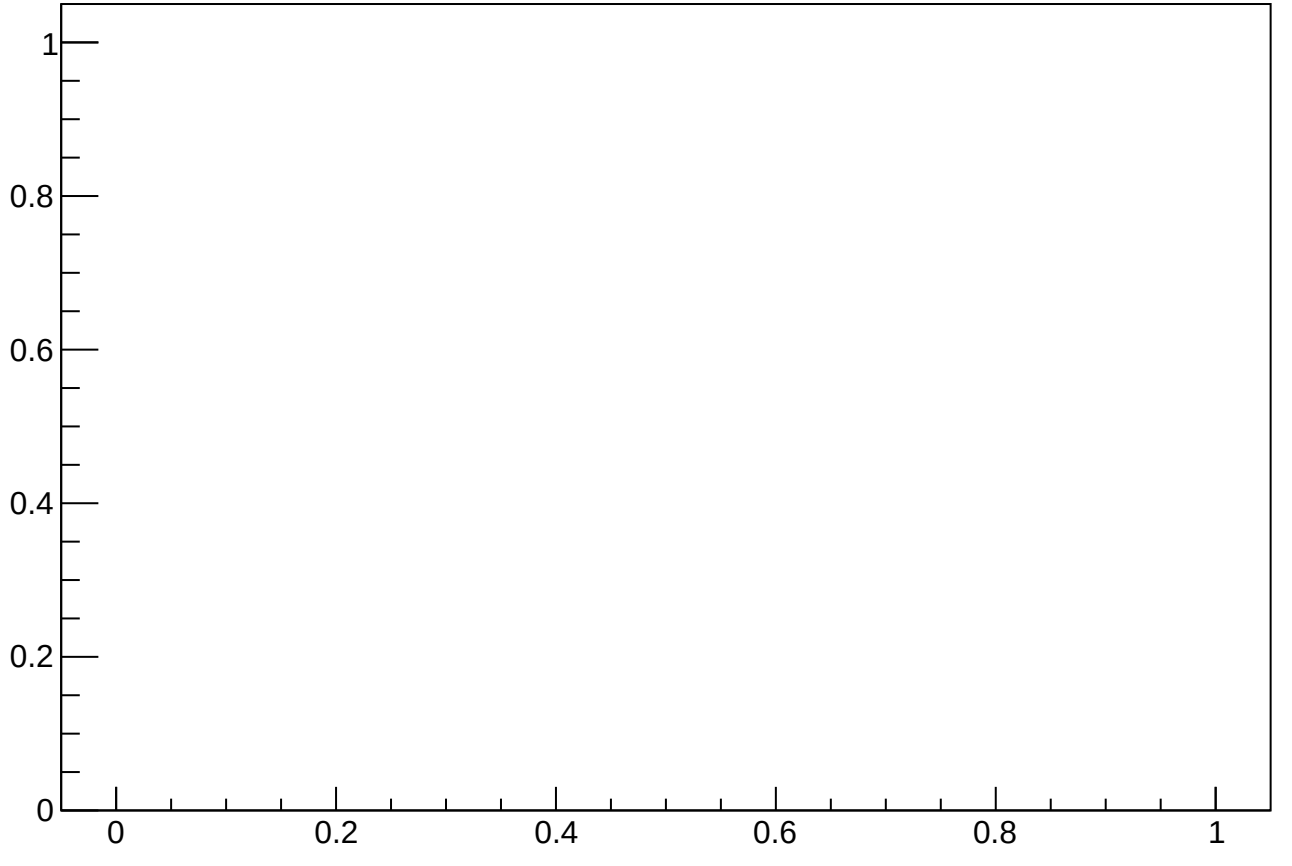
dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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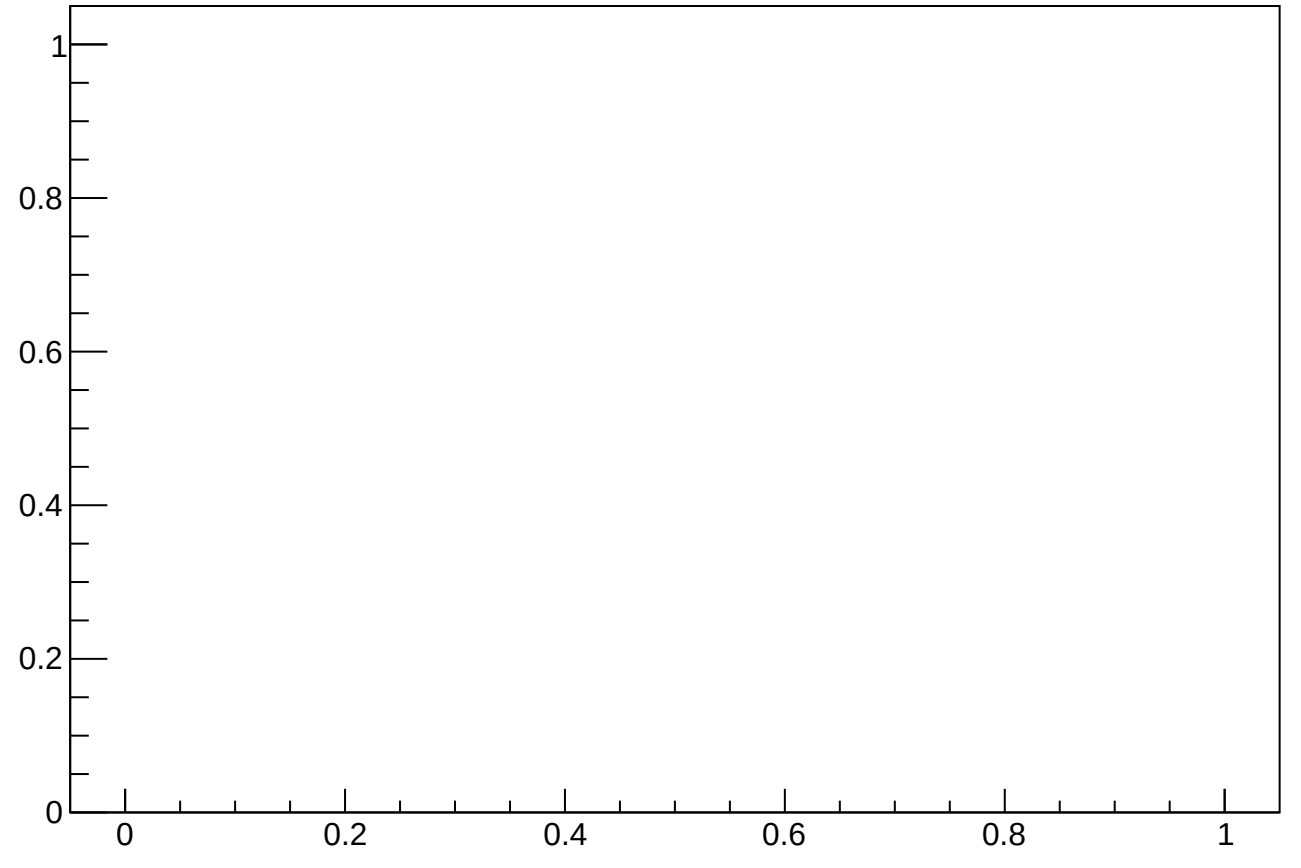

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Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

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Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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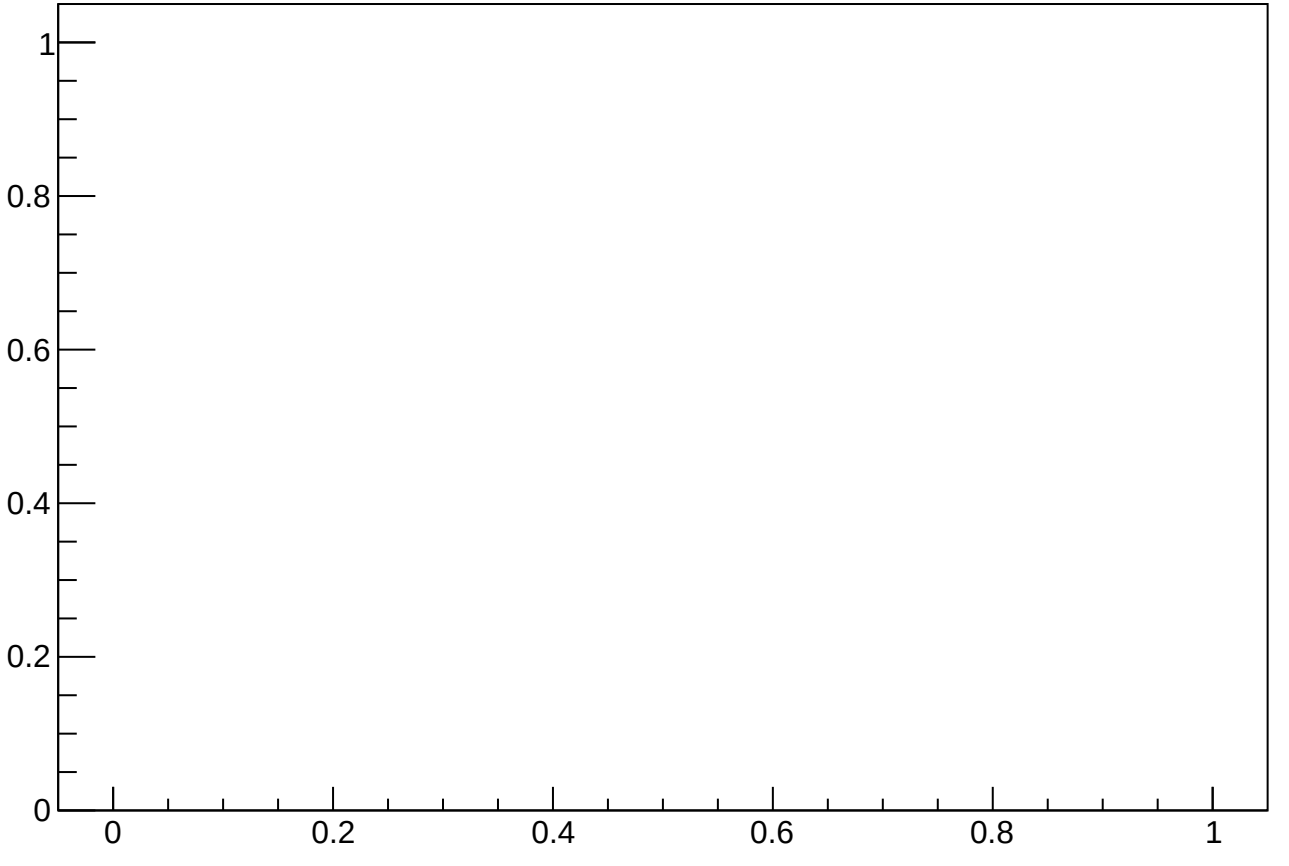
dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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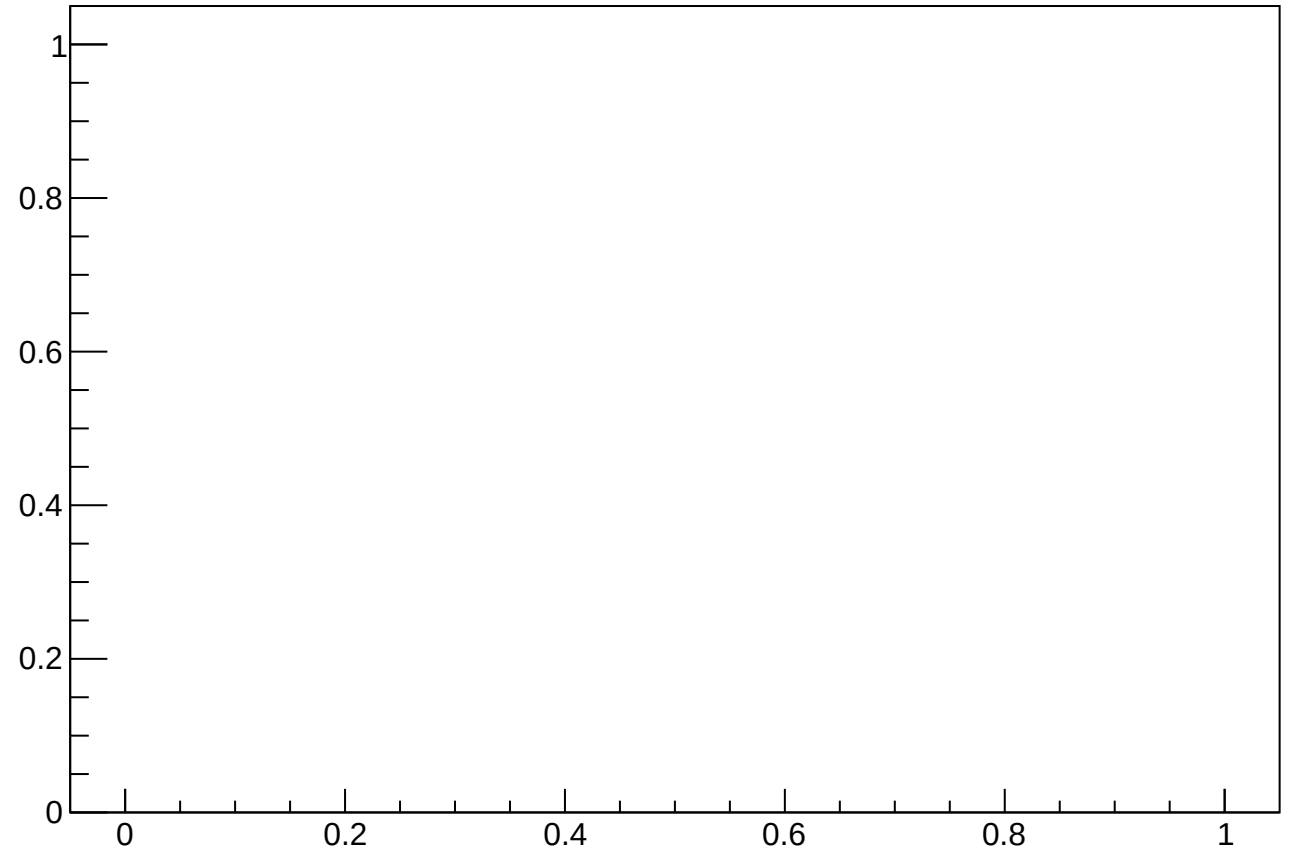

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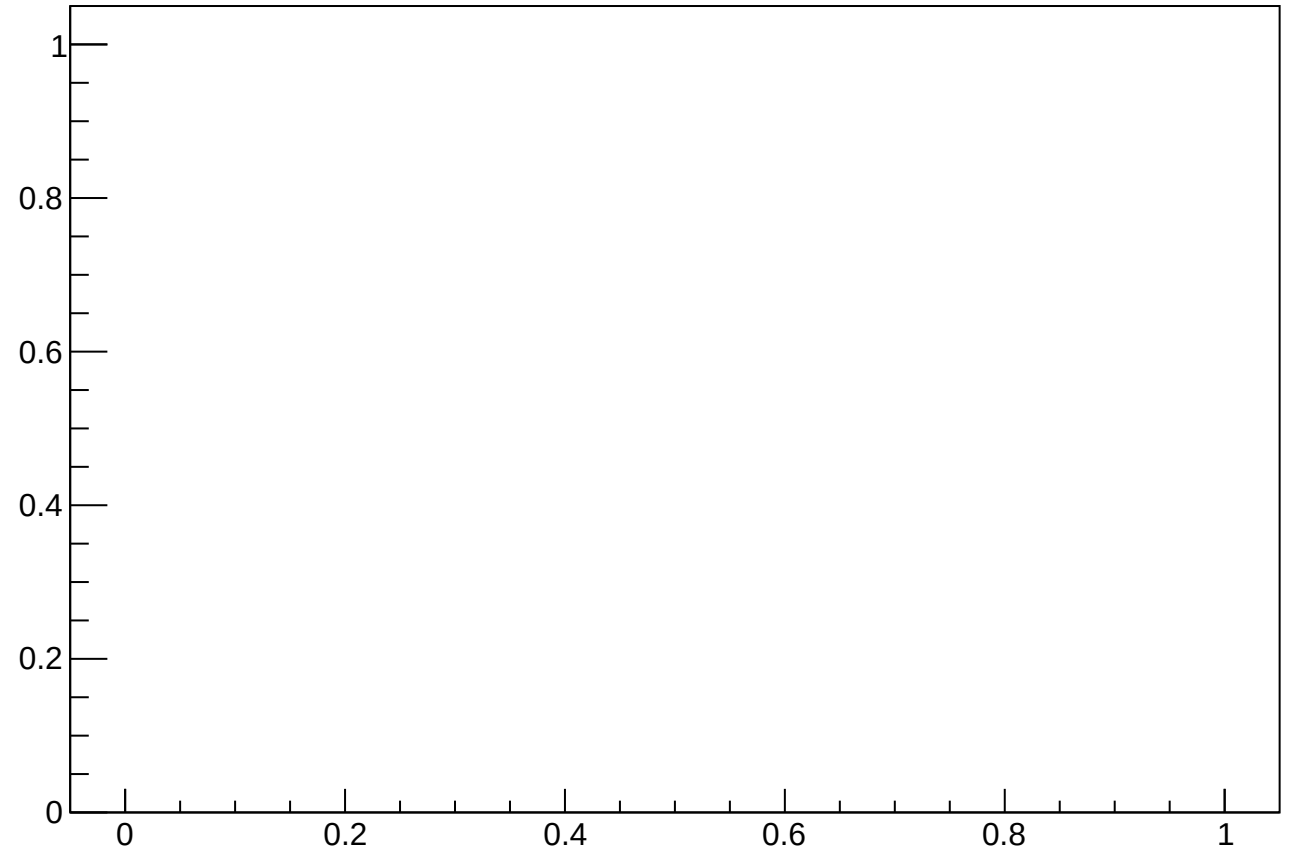

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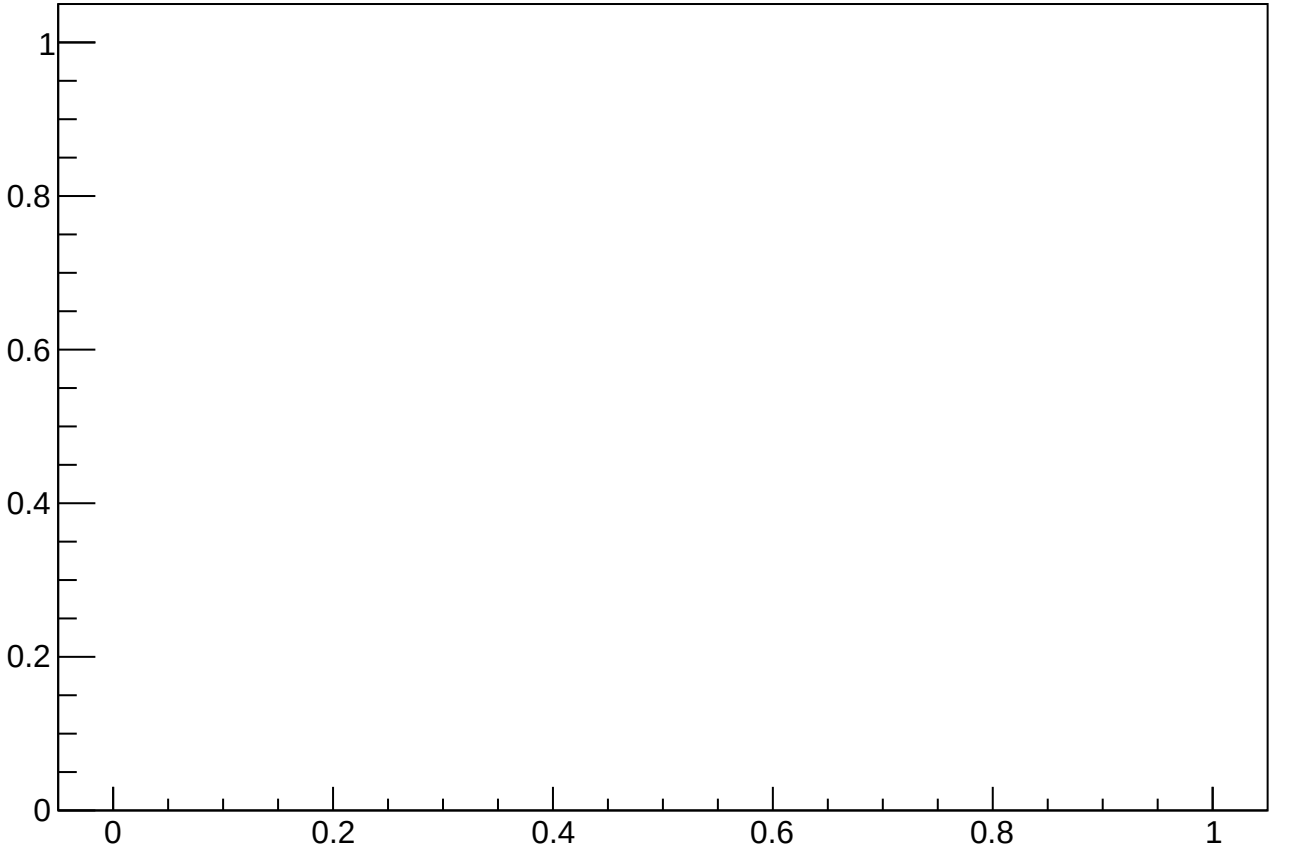
dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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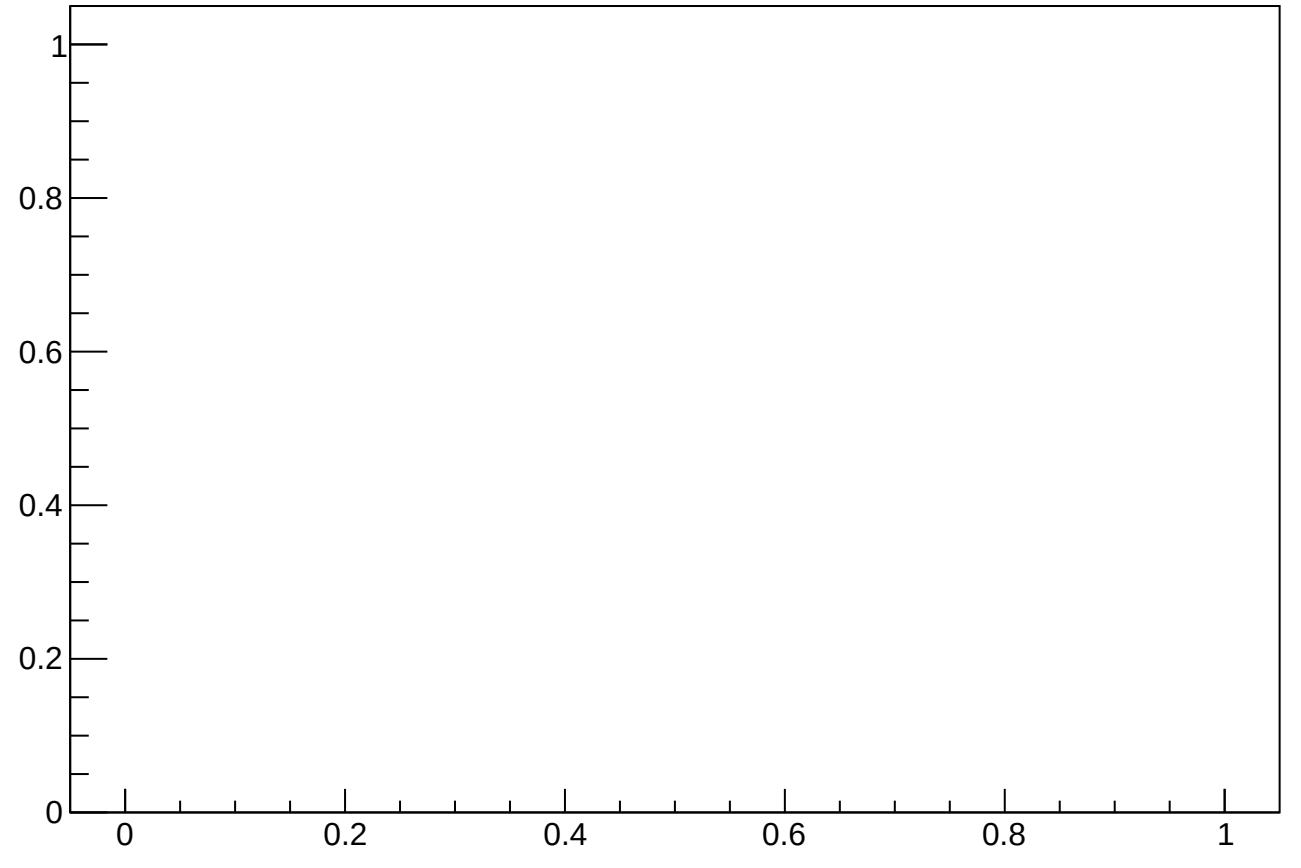

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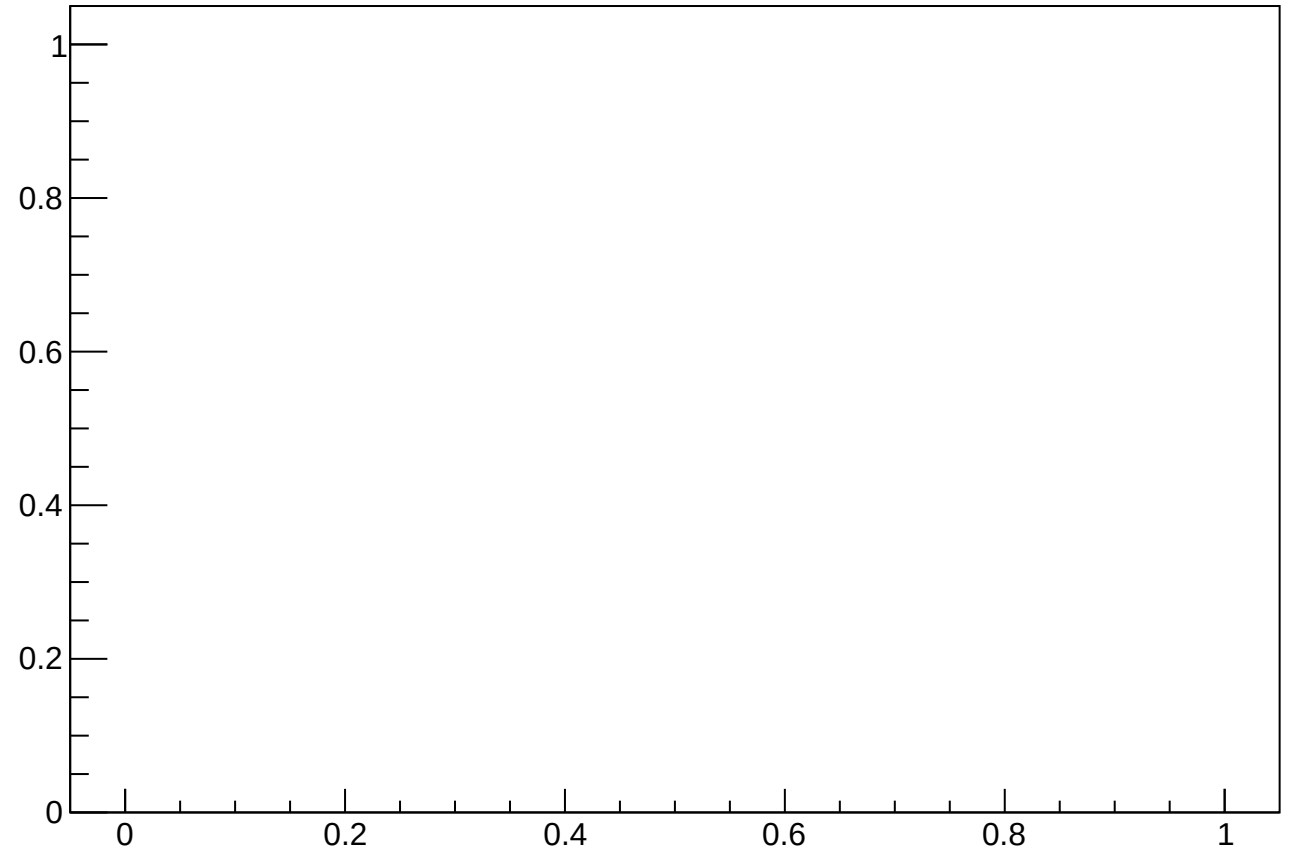

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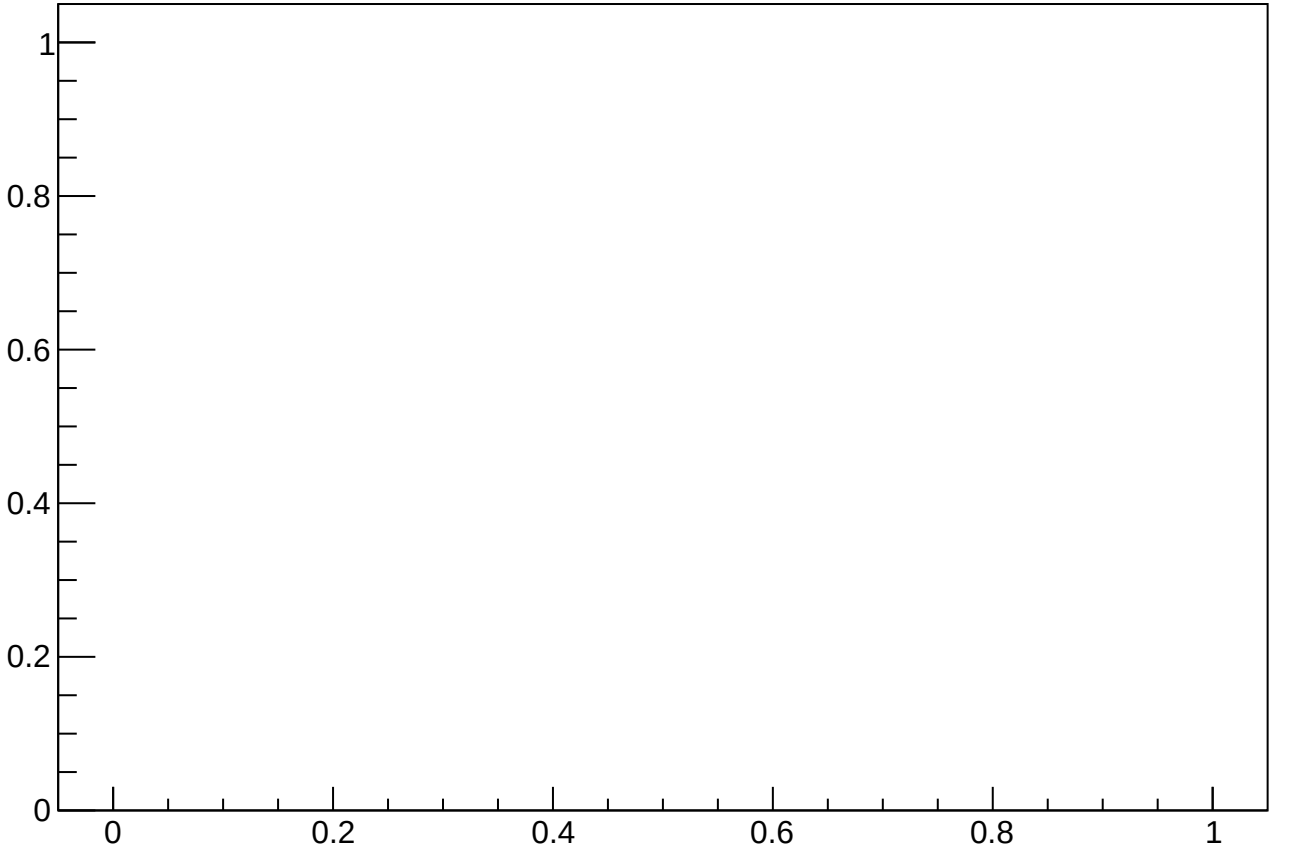
dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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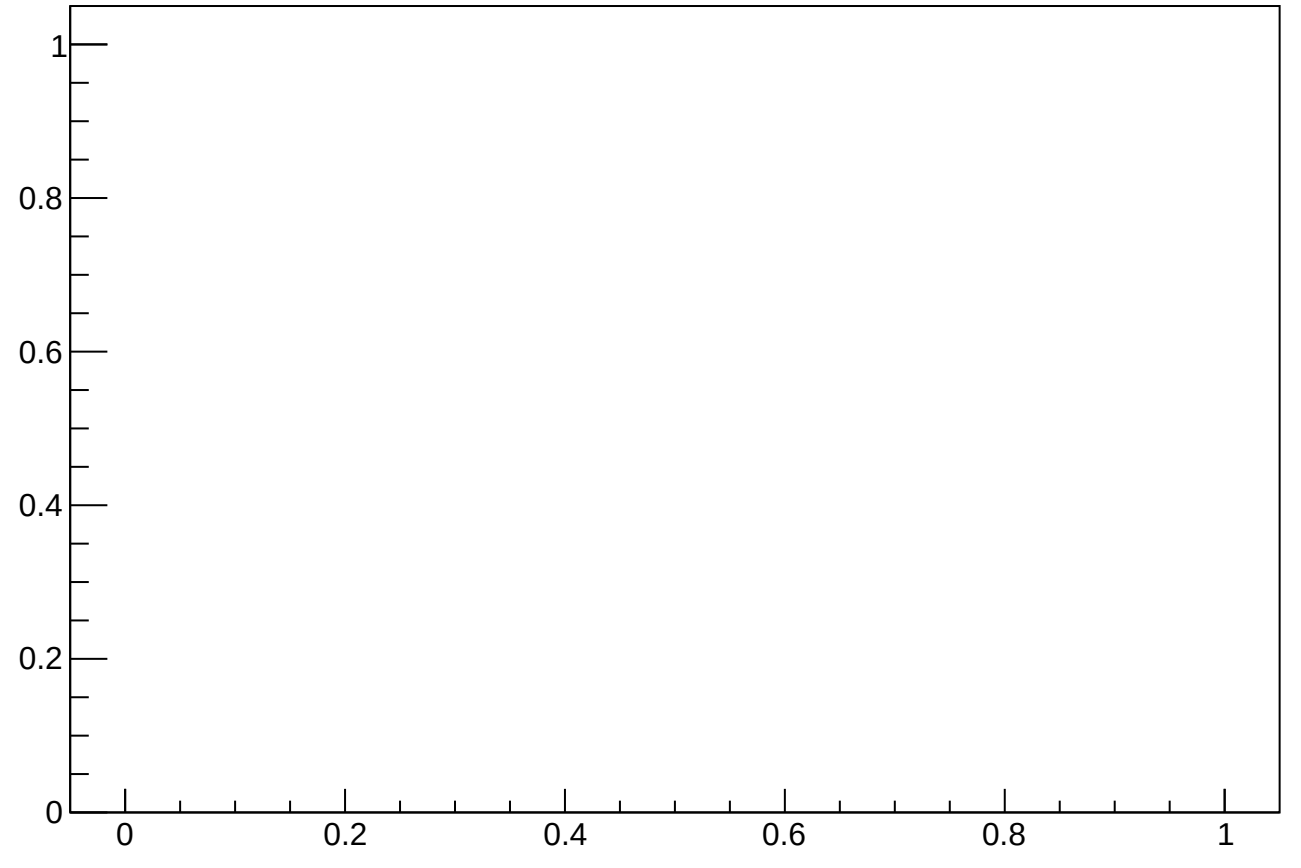

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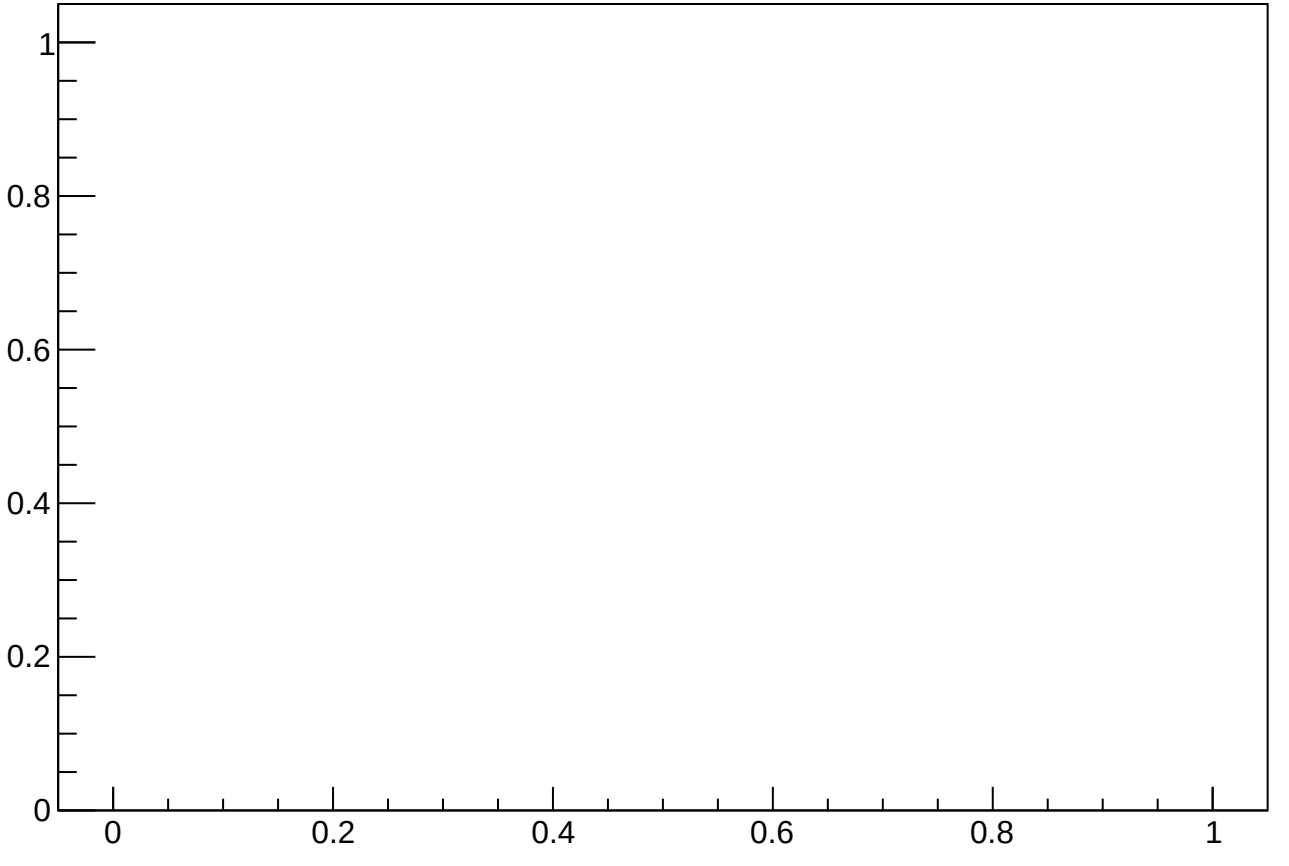
dit_sam8_coil6_mean vs Slug, Sign Corrected



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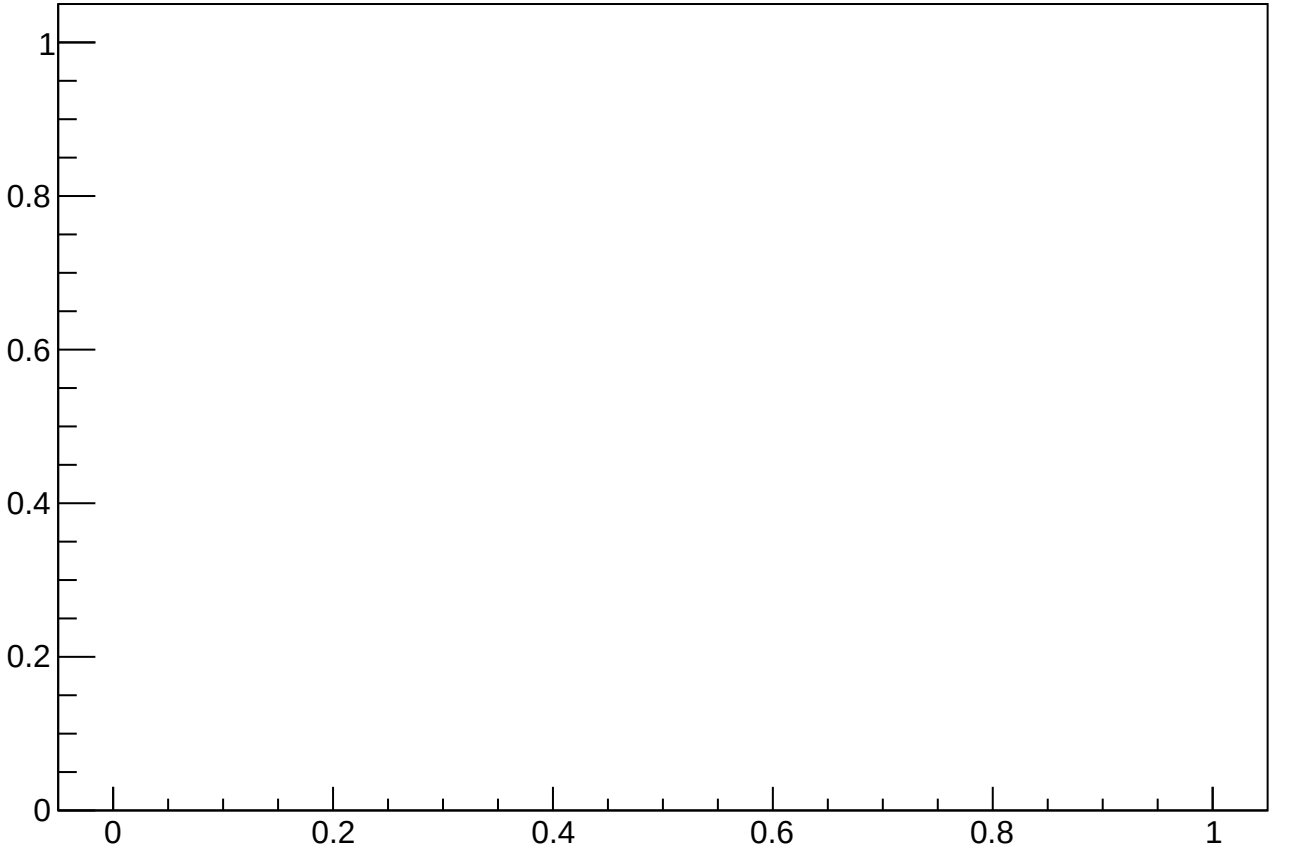
dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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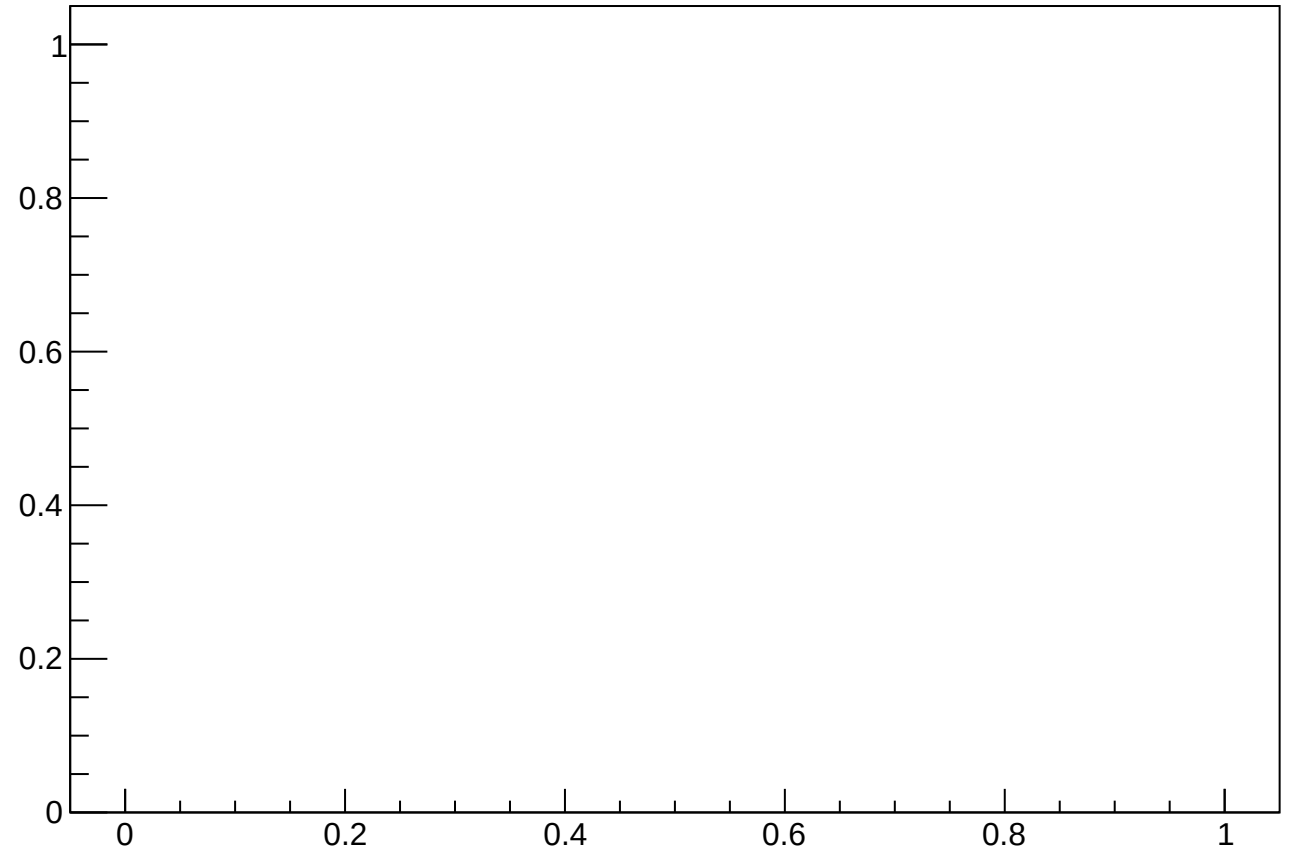

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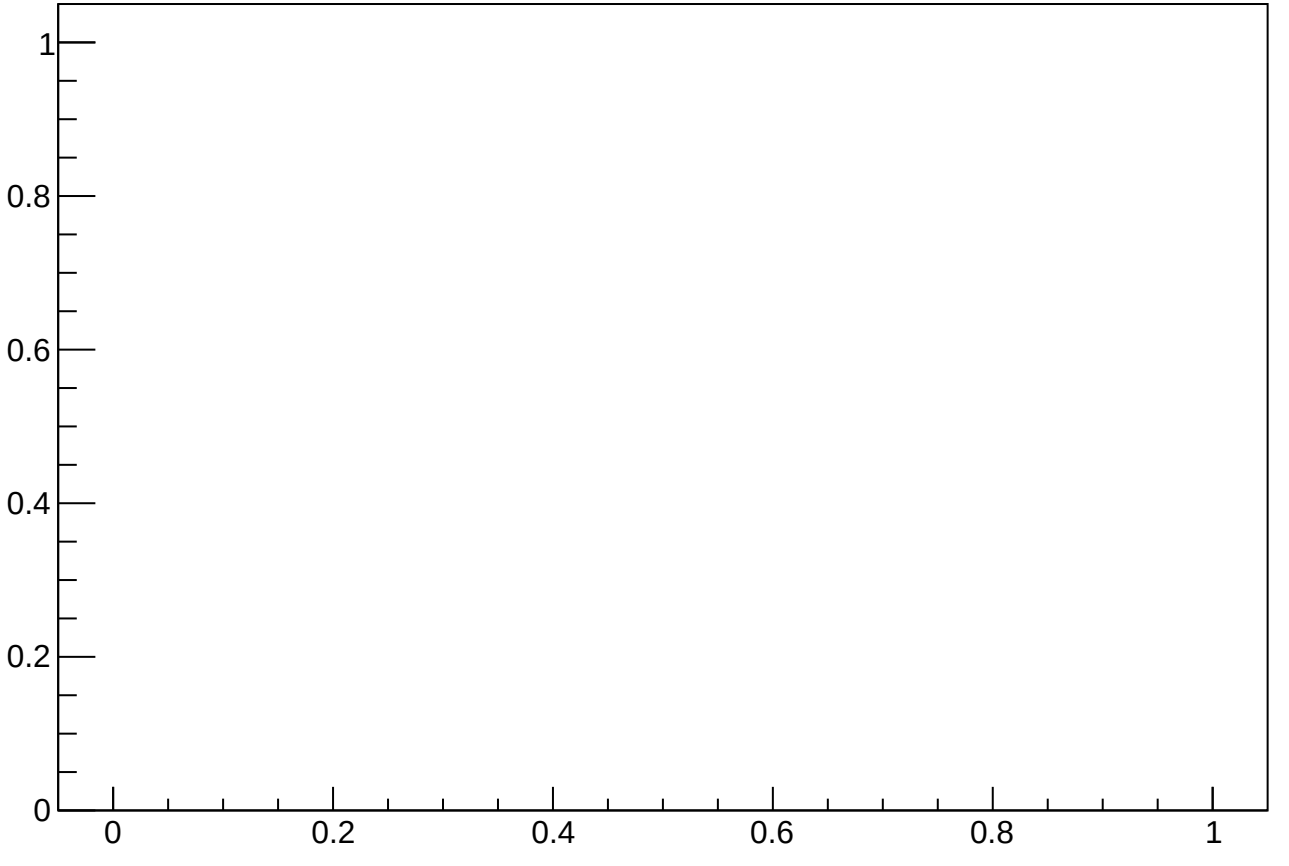
dit_run_mean vs Slug, Sign Corrected



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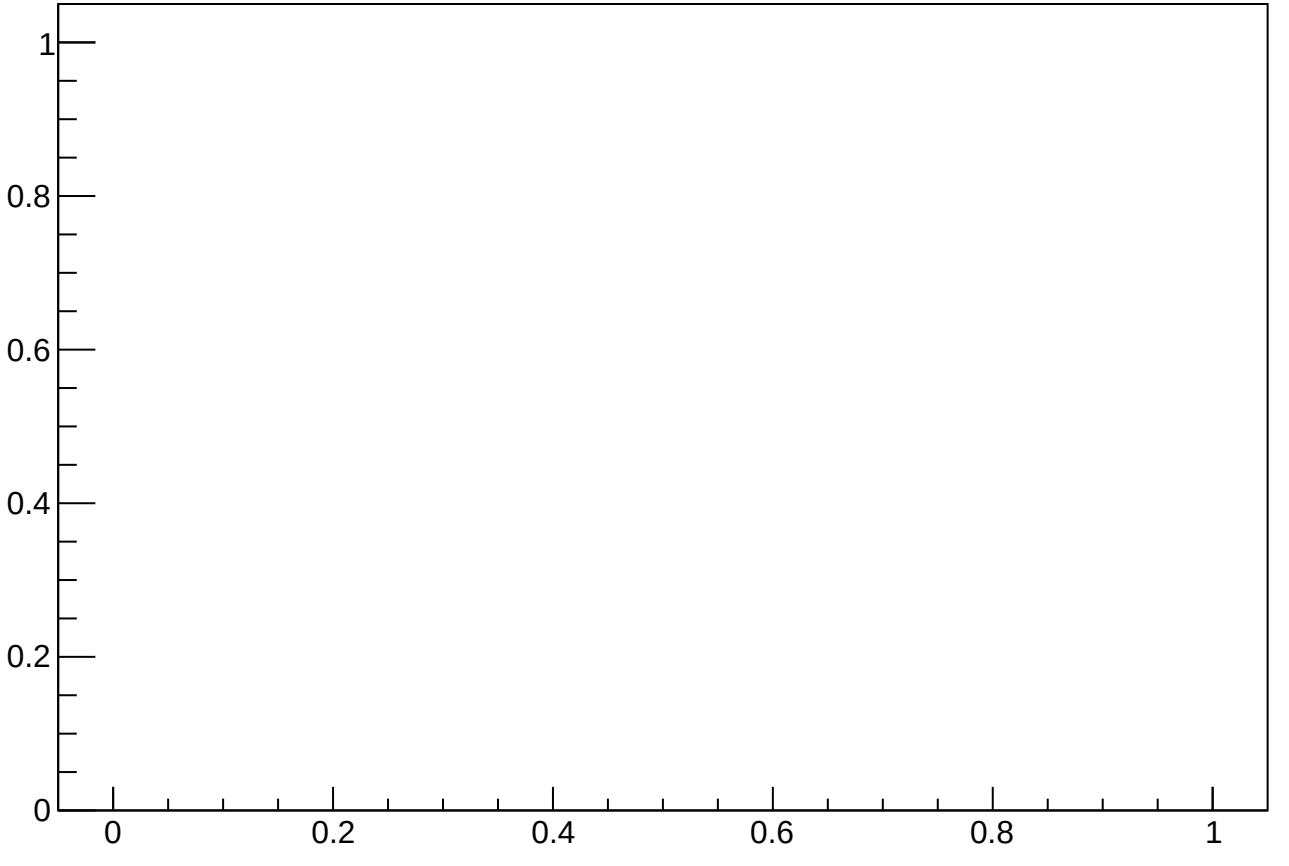
dit_run_rms vs Slug, Sign Corrected



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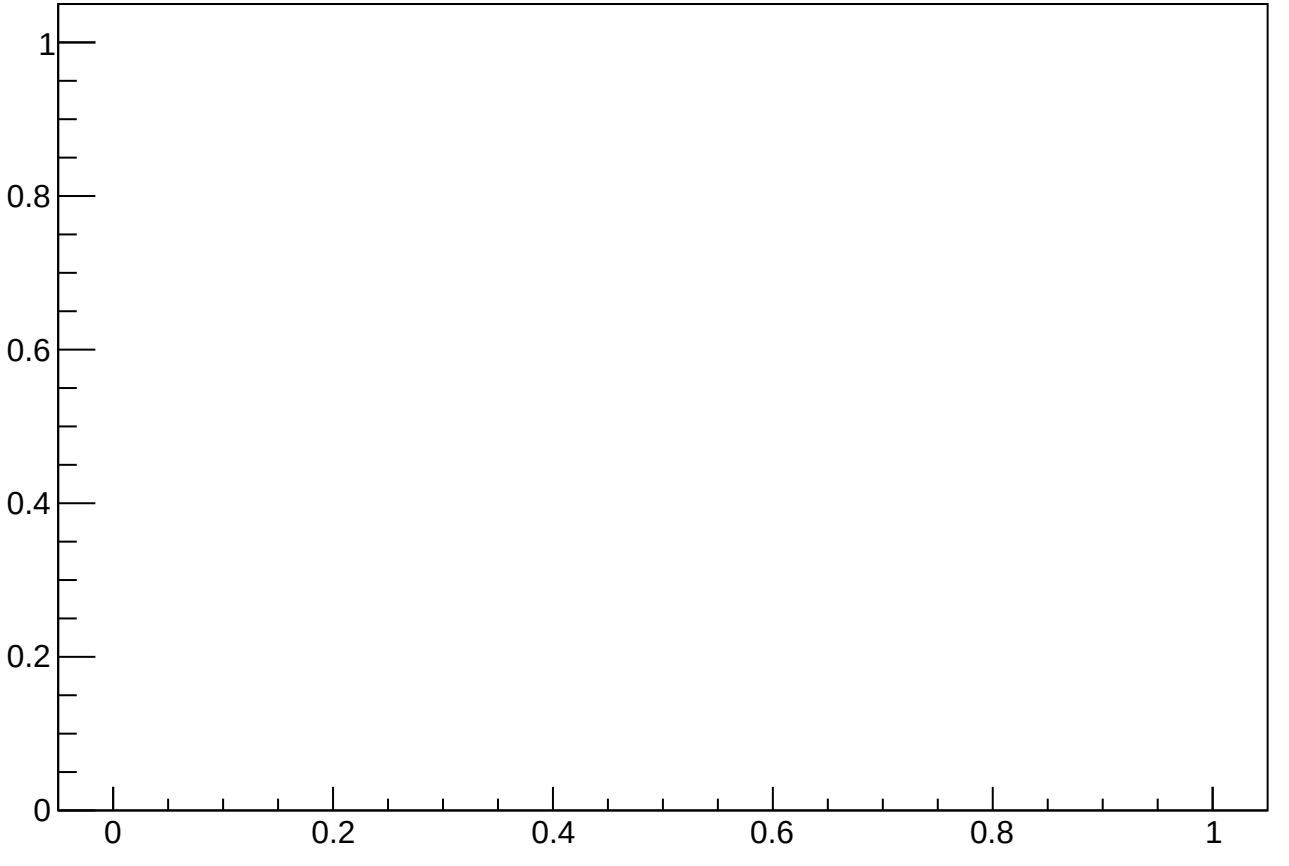
dit_slug_slope vs Slug, Sign Corrected



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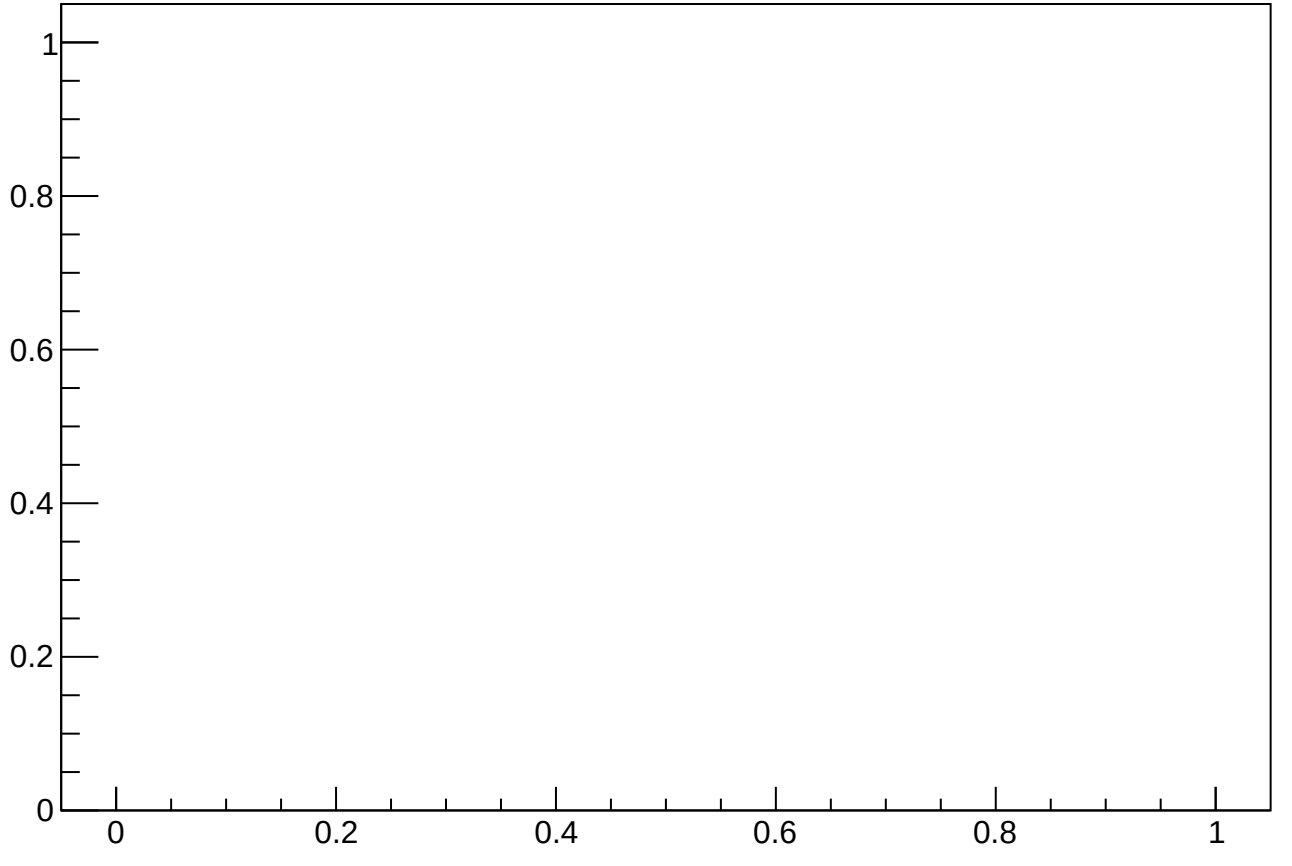
dit_cyclenum_mean vs Slug, Sign Corrected



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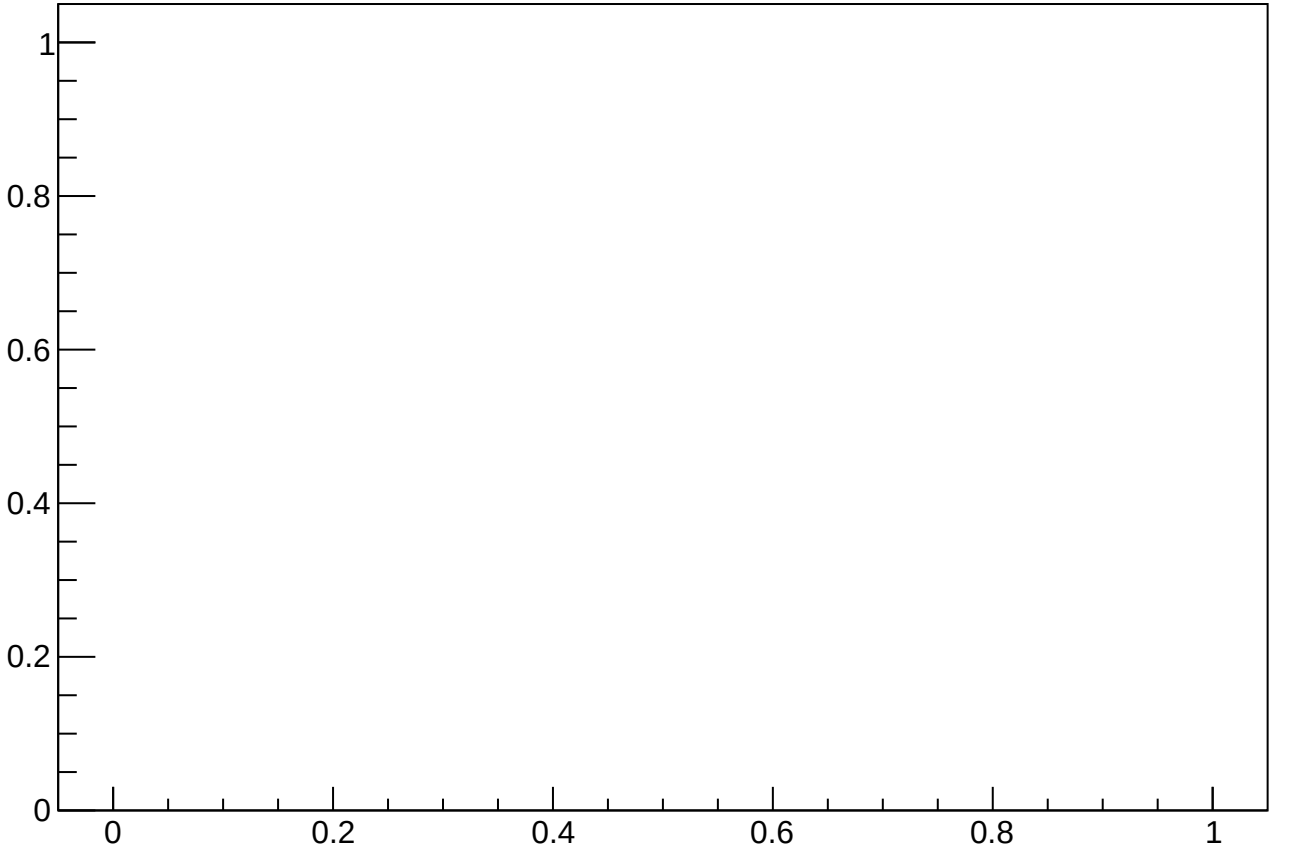
dit_cyclenum_rms vs Slug, Sign Corrected



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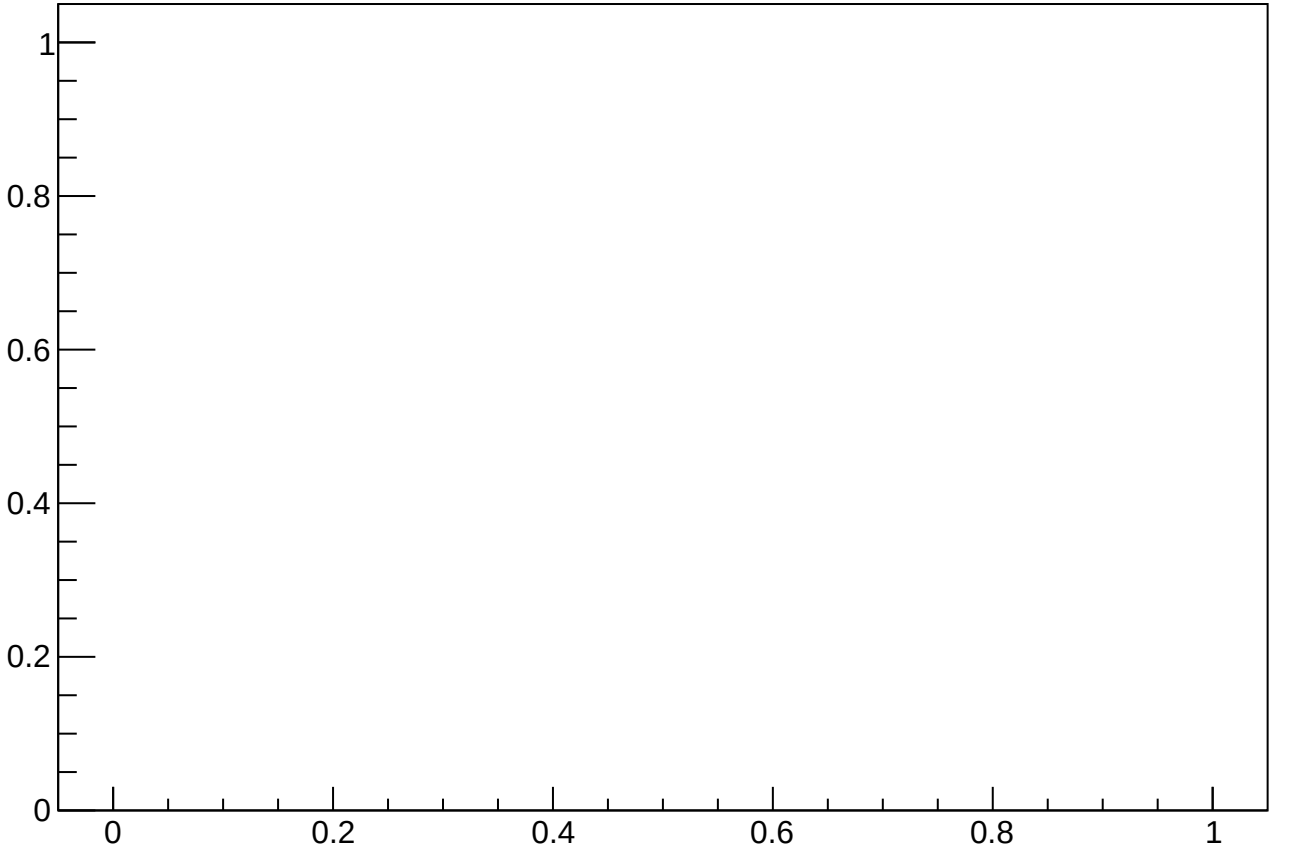
dit_scandata1_mean vs Slug, Sign Corrected



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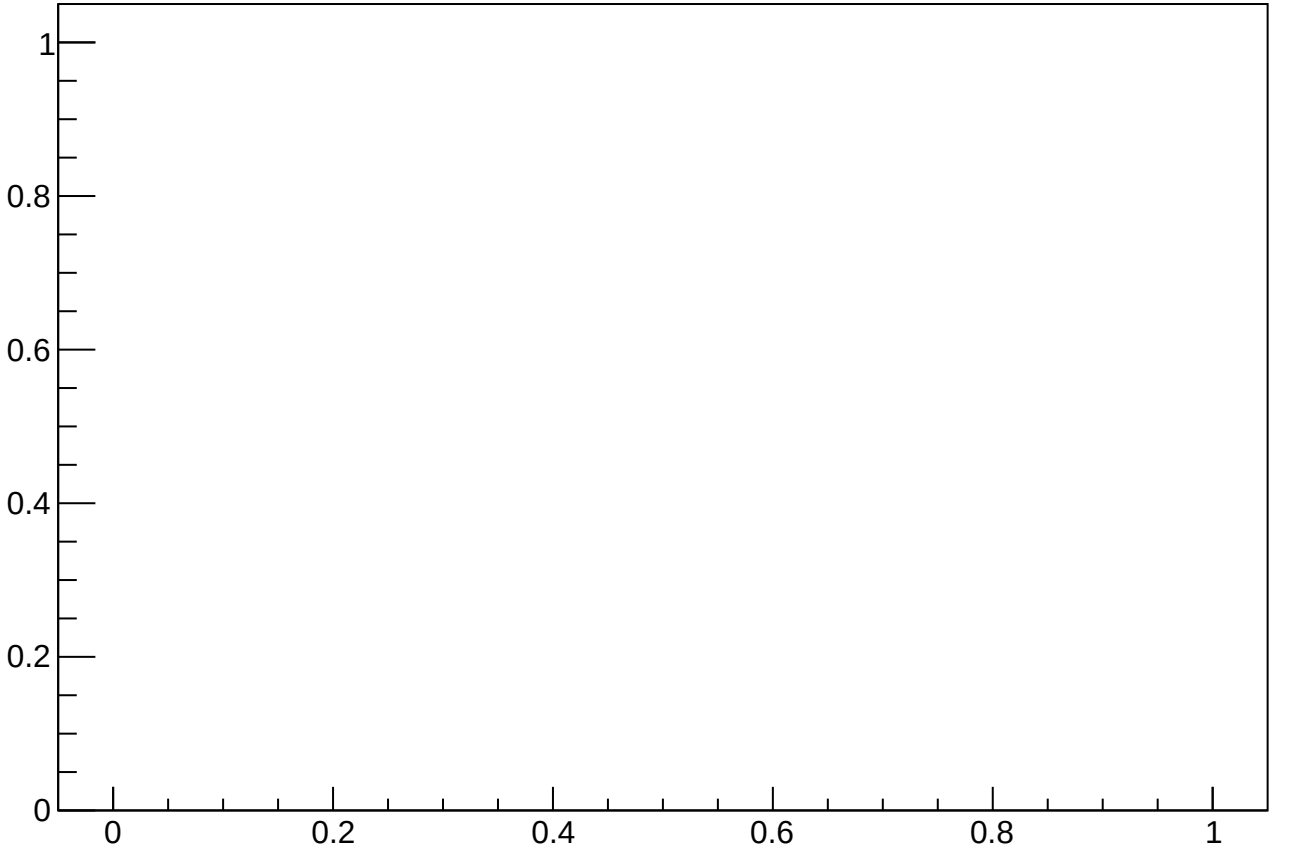
dit_scandata1_rms vs Slug, Sign Corrected



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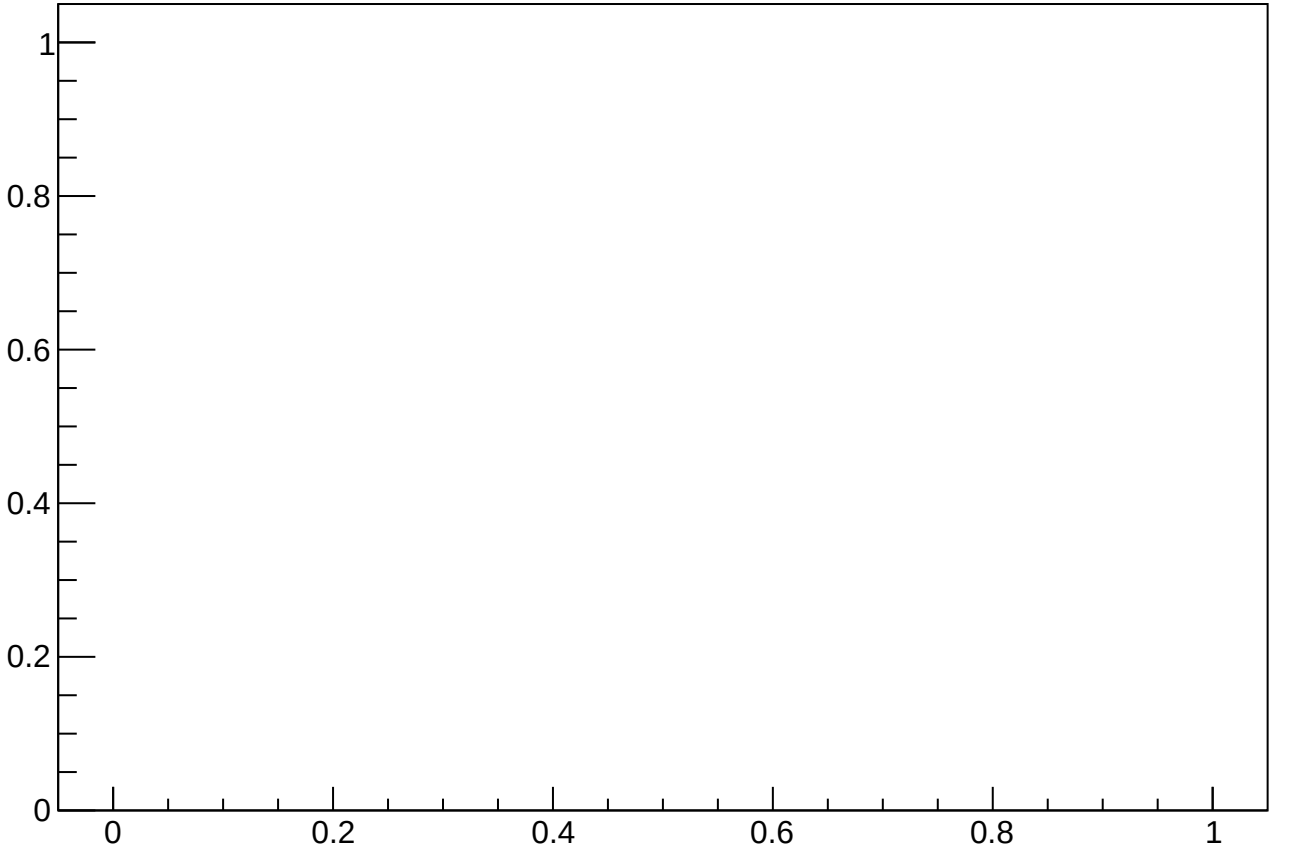
dit_scandata2_mean vs Slug, Sign Corrected



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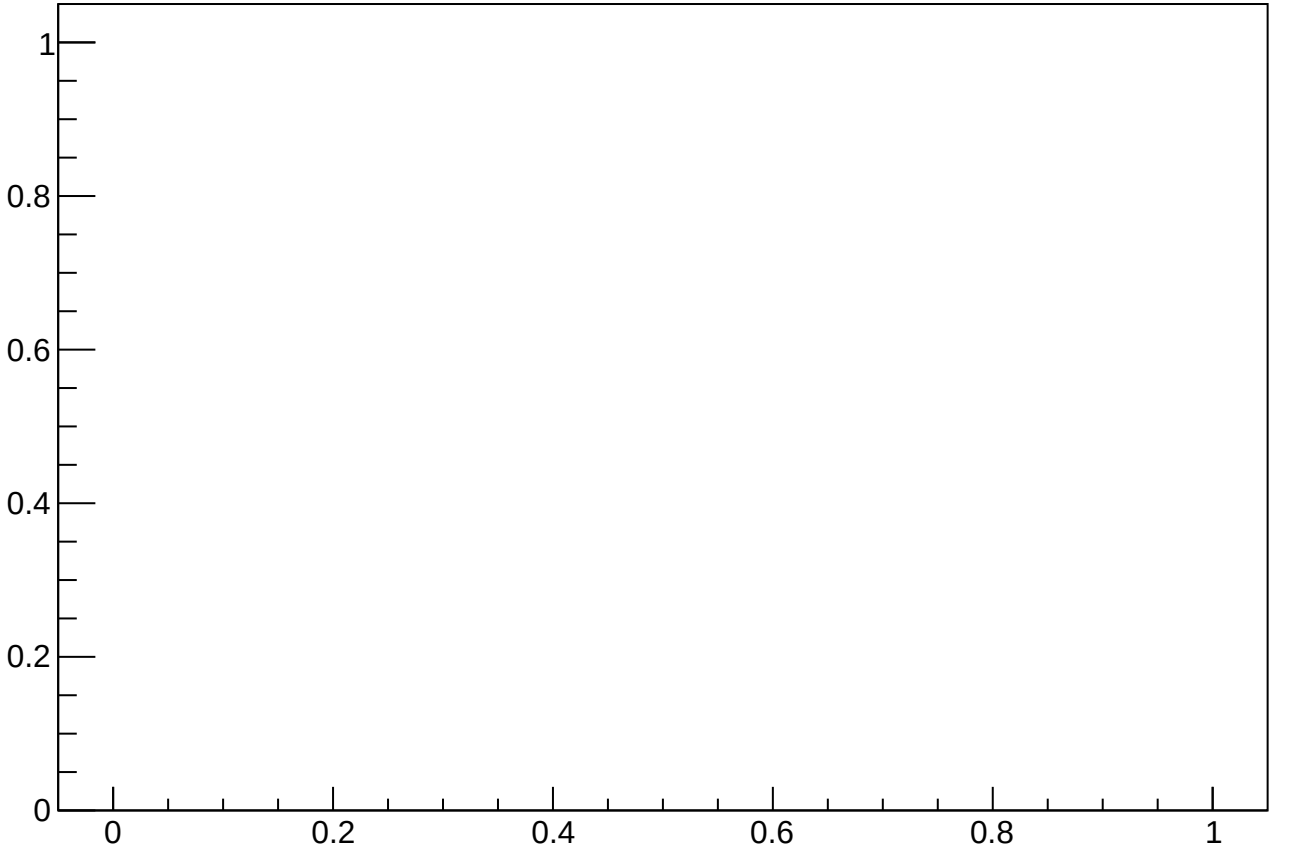
dit_scandata2_rms vs Slug, Sign Corrected



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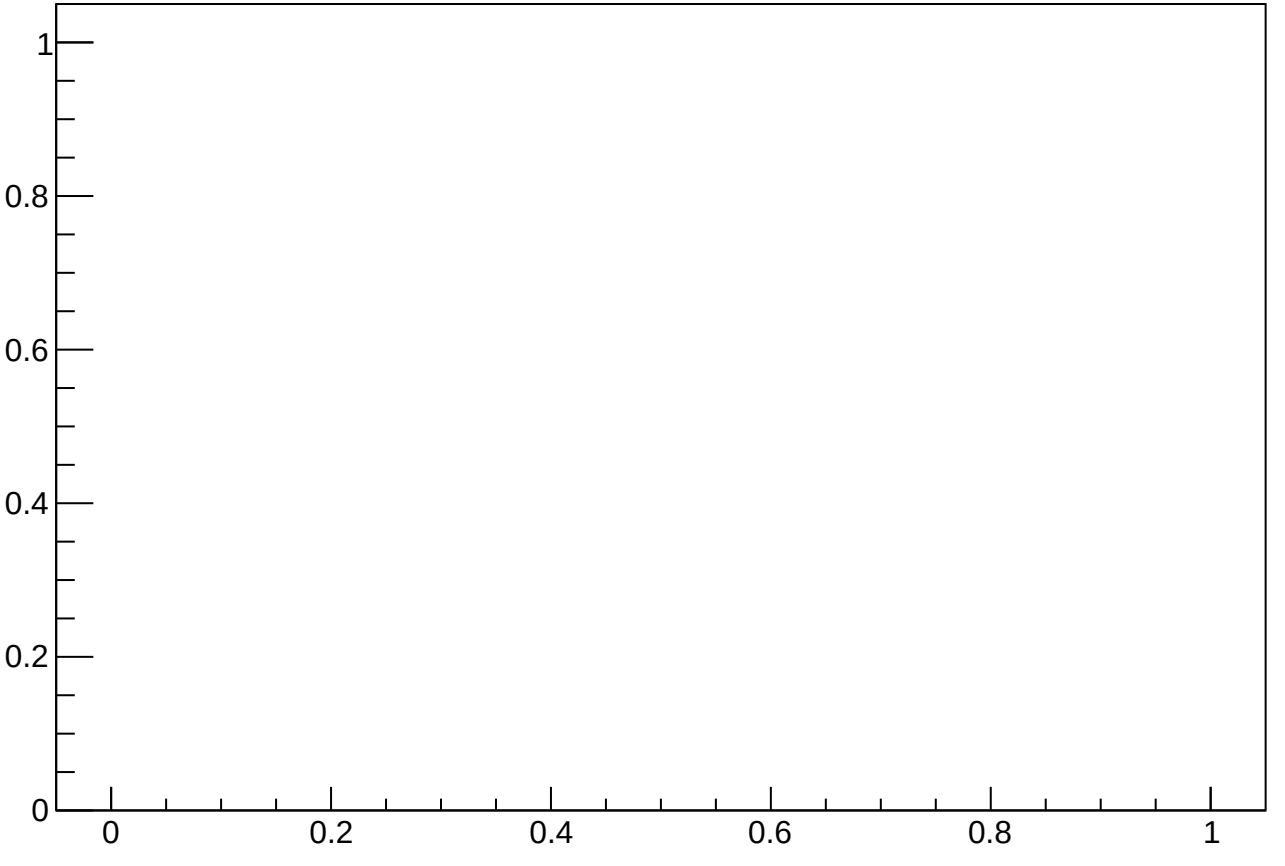
dit_flag_mean vs Slug, Sign Corrected



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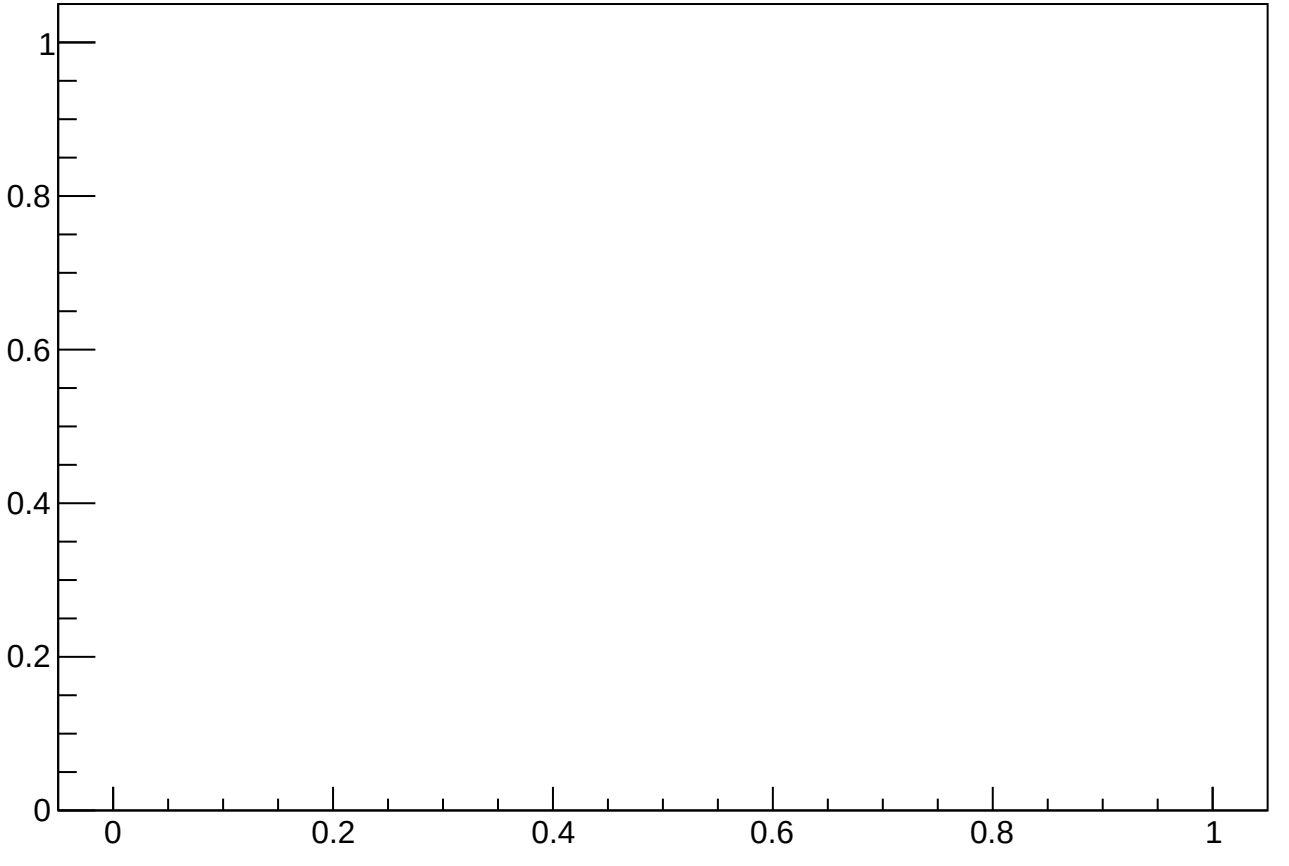
dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

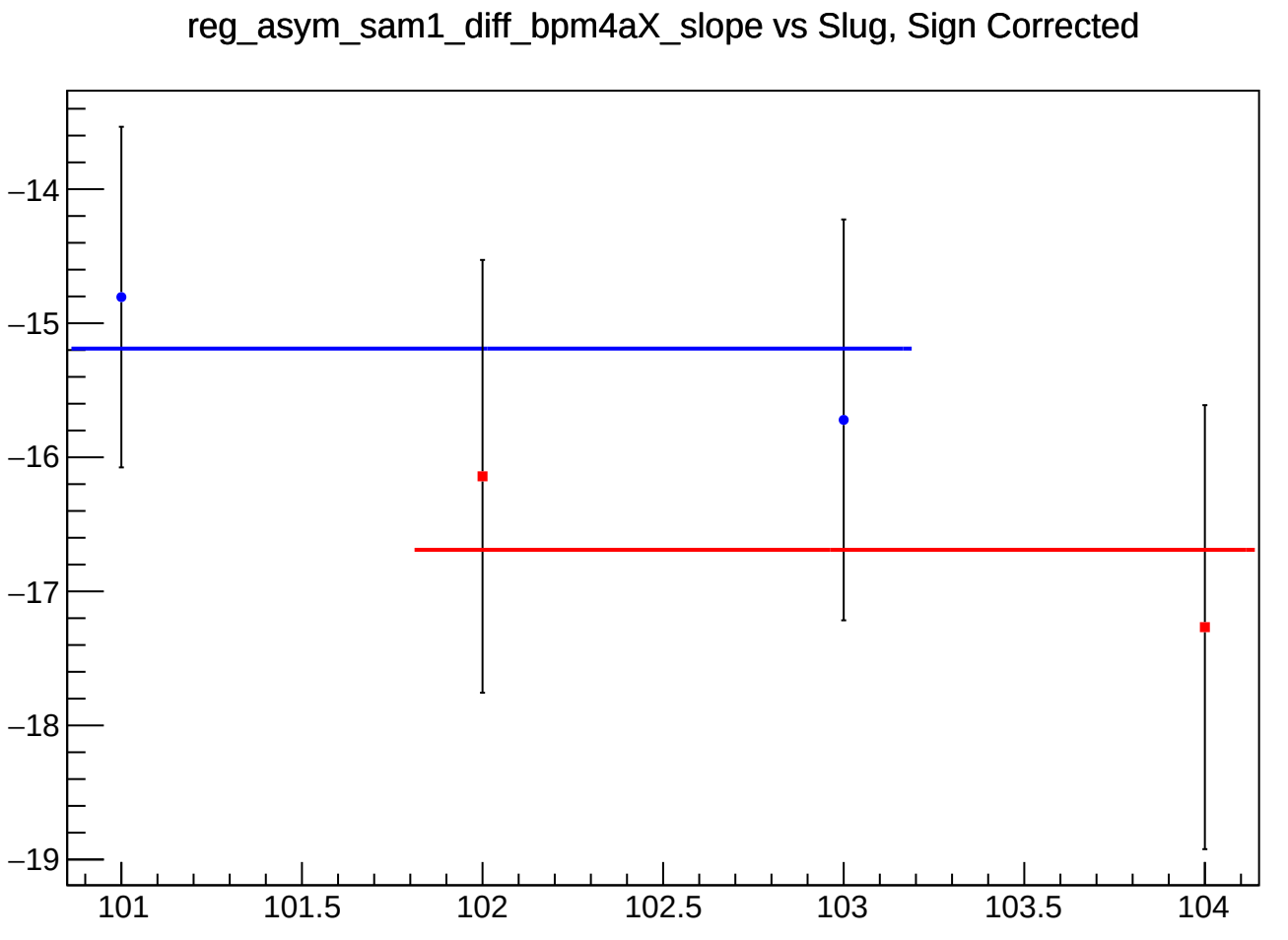
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

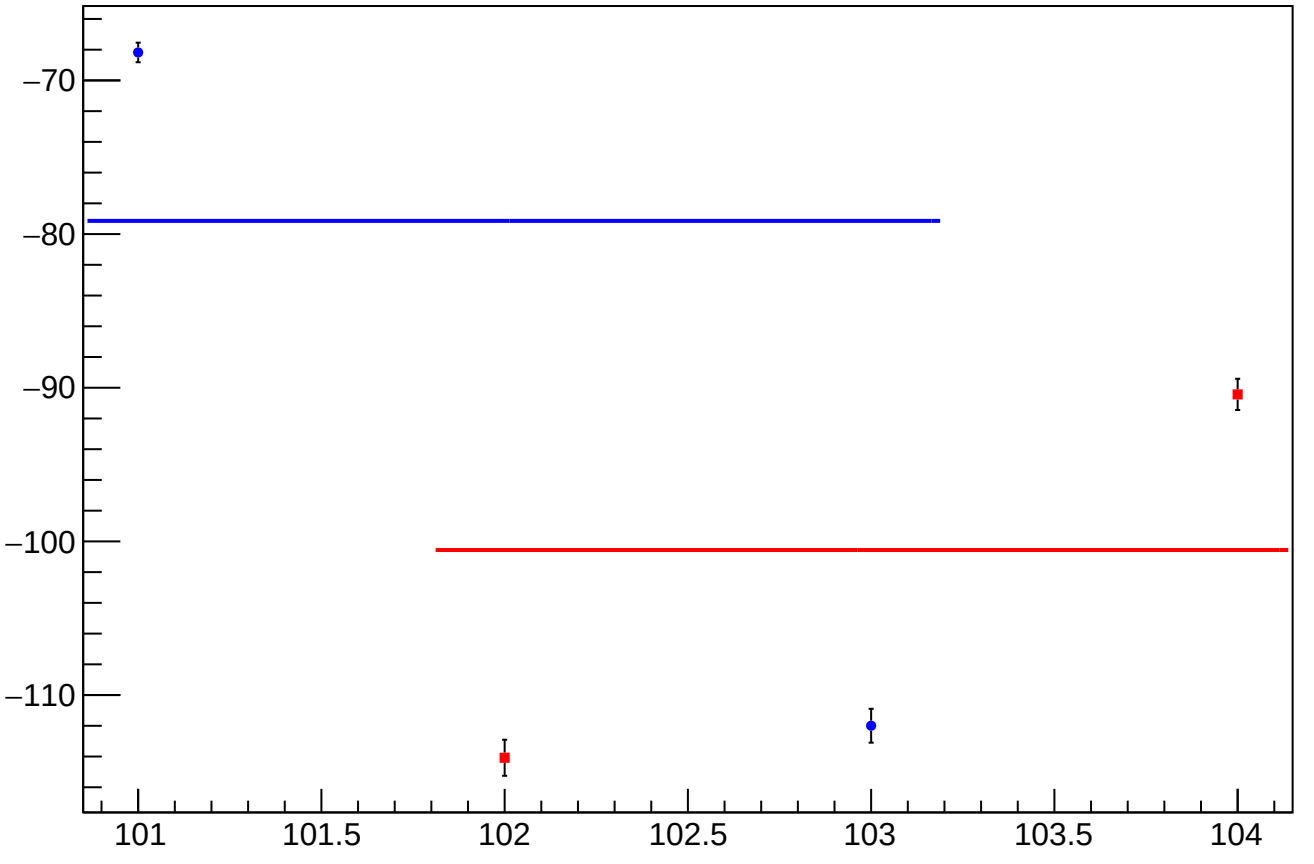
Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0


reg_asym_sam1_diff_bpm4aX_slope vs Slug, Sign Corrected
−14
−15
−16
−17
−18
−19
101
101.5
102
102.5
103
103.5
104
Right In: -15.189+/-0.968 χ²/NDF: 0.2/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -16.690+/-1.156 χ²/NDF: 0.2/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -15.808+/-0.742 χ²/NDF: 1.4/3
In: -15.189+/-0.968 χ²/NDF:0.2/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -15.808+/-0.742 χ²/NDF: 1.4/3



Right In: -79.141+/-0.551 χ^2/NDF: 1185.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -100.561+/-0.768 χ^2/NDF: 232.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

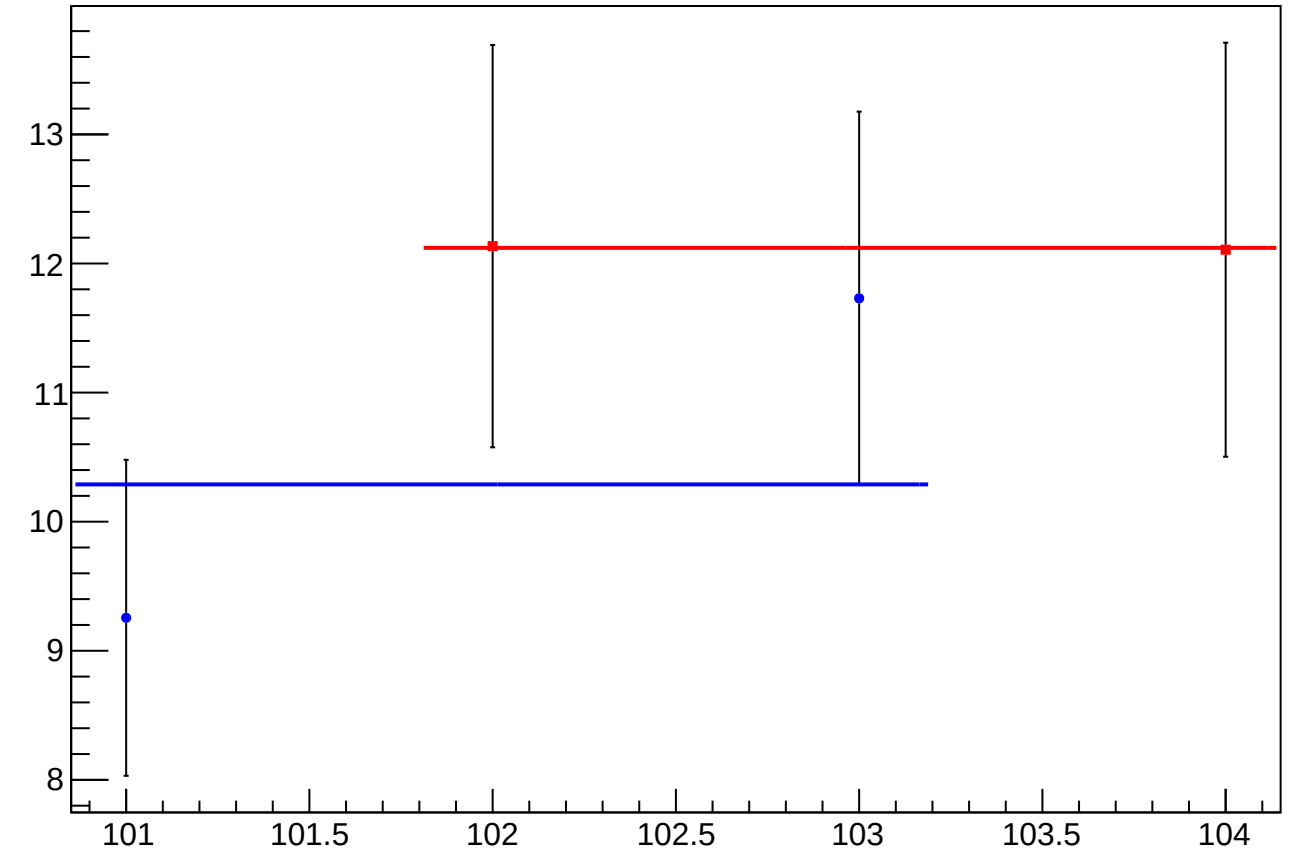
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -86.422+/-0.448 χ^2/NDF: 1930.3/3

In: -79.141+/-0.551 χ^2/NDF:1185.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -86.422+/-0.448 χ^2/NDF: 1930.3/3



Right In: 10.289+/-0.934 χ^2/NDF: 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.121+/-1.118 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

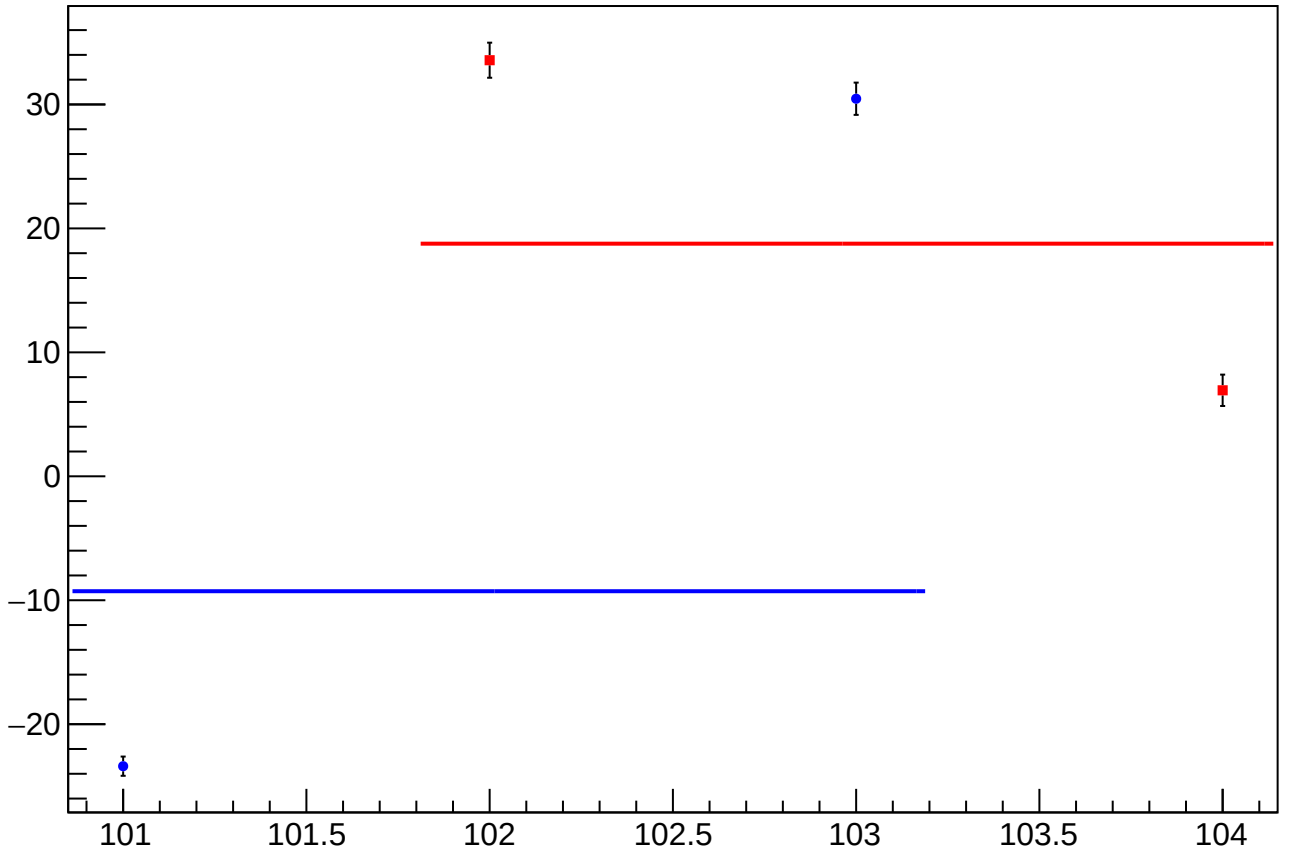
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.042+/-0.717 χ^2/NDF: 3.3/3

In: 10.289+/-0.934 χ^2/NDF:1.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.042+/-0.717 χ^2/NDF: 3.3/3



Right In: -9.271+/-0.666 χ^2/NDF: 1263.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.768+/-0.943 χ^2/NDF: 196.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

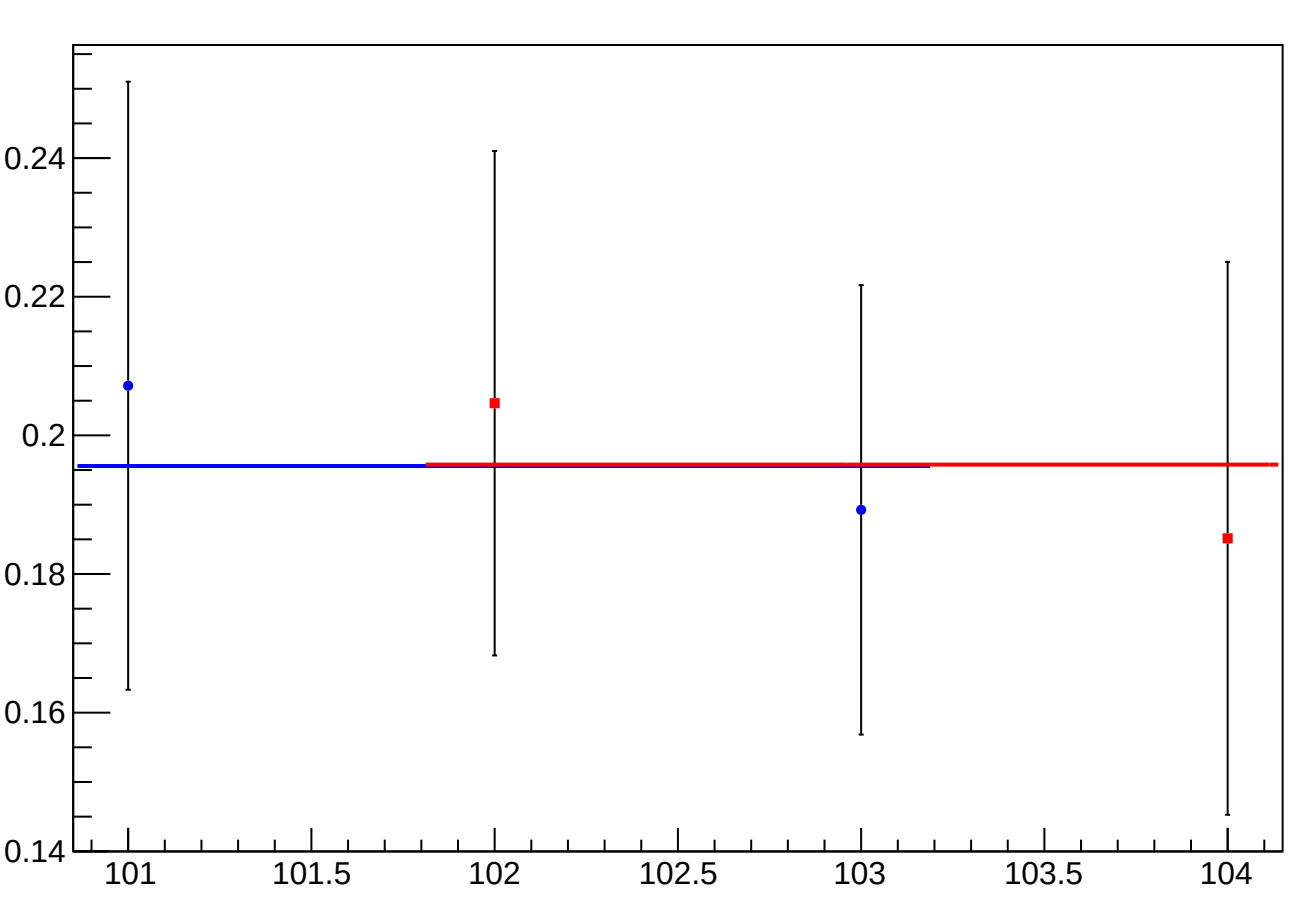
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.062+/-0.544 χ^2/NDF: 2049.9/3

In: -9.271+/-0.666 χ^2/NDF:1263.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.062+/-0.544 χ^2/NDF: 2049.9/3



Right In: 0.196+/-0.026 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.196+/-0.027 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

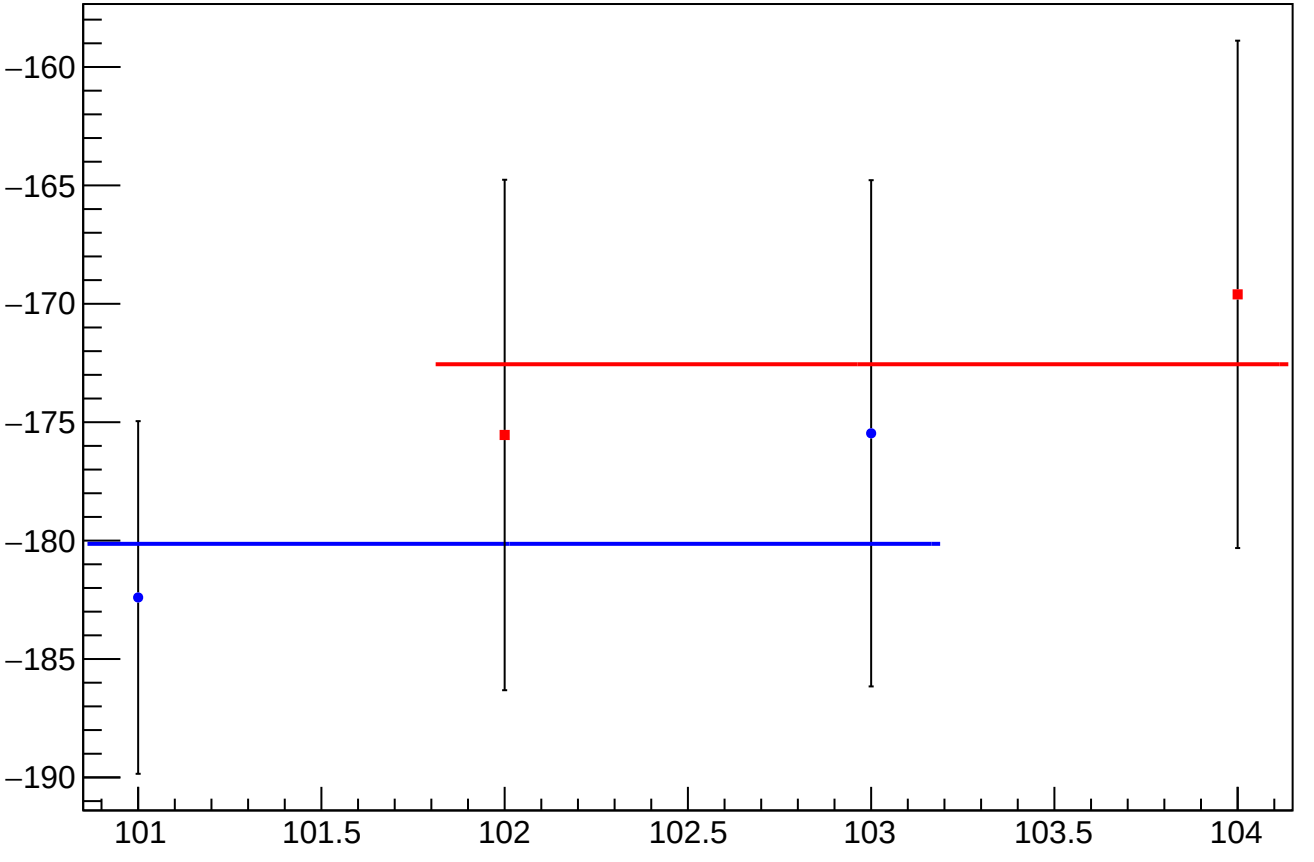
Right: 0.196+/-0.019 χ^2/NDF: 0.2/3

In: 0.196+/-0.026 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.196+/-0.019 χ^2/NDF: 0.2/3

reg_asym_sam2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -180.136+/-6.110 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -172.552+/-7.598 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

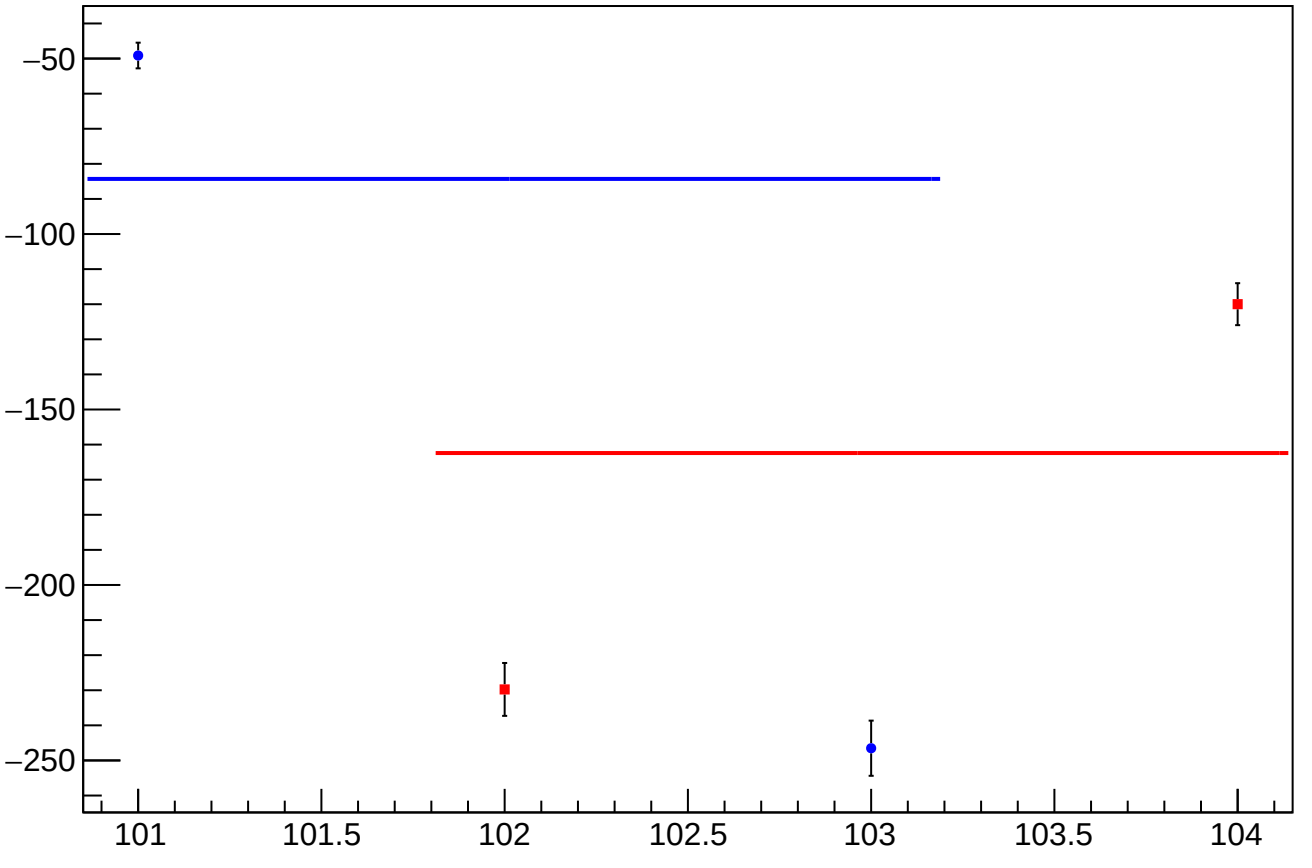
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -177.158+/-4.761 χ^2/NDF: 1.0/3

In: -180.136+/-6.110 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -177.158+/-4.761 χ^2/NDF: 1.0/3



Right In: -84.296+/-3.318 χ^2/NDF: 518.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -162.406+/-4.684 χ^2/NDF: 130.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

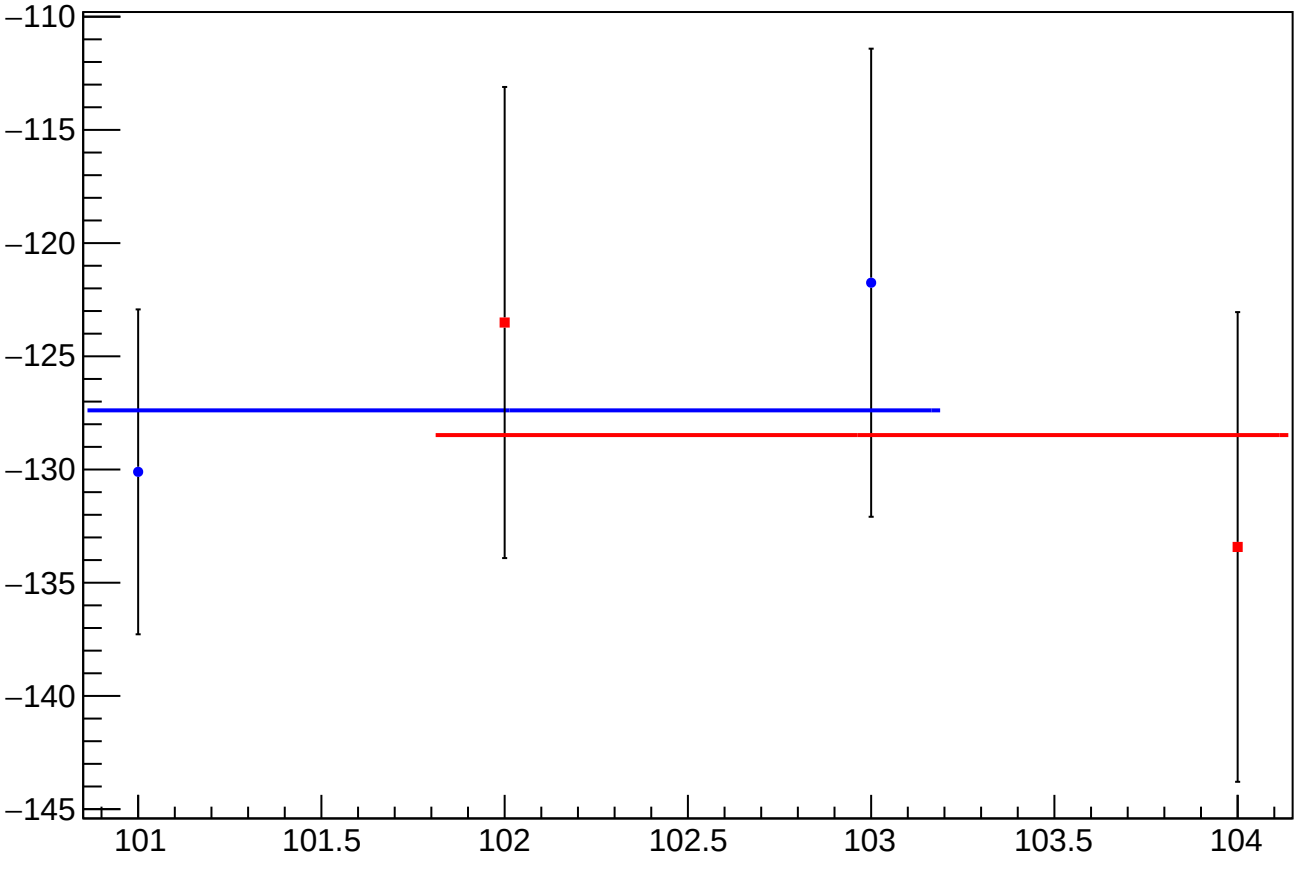
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -110.389+/-2.707 χ^2/NDF: 833.6/3

In: -84.296+/-3.318 χ^2/NDF:518.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -110.389+/-2.707 χ^2/NDF: 833.6/3



Right In: -127.387+/-5.894 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -128.479+/-7.346 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

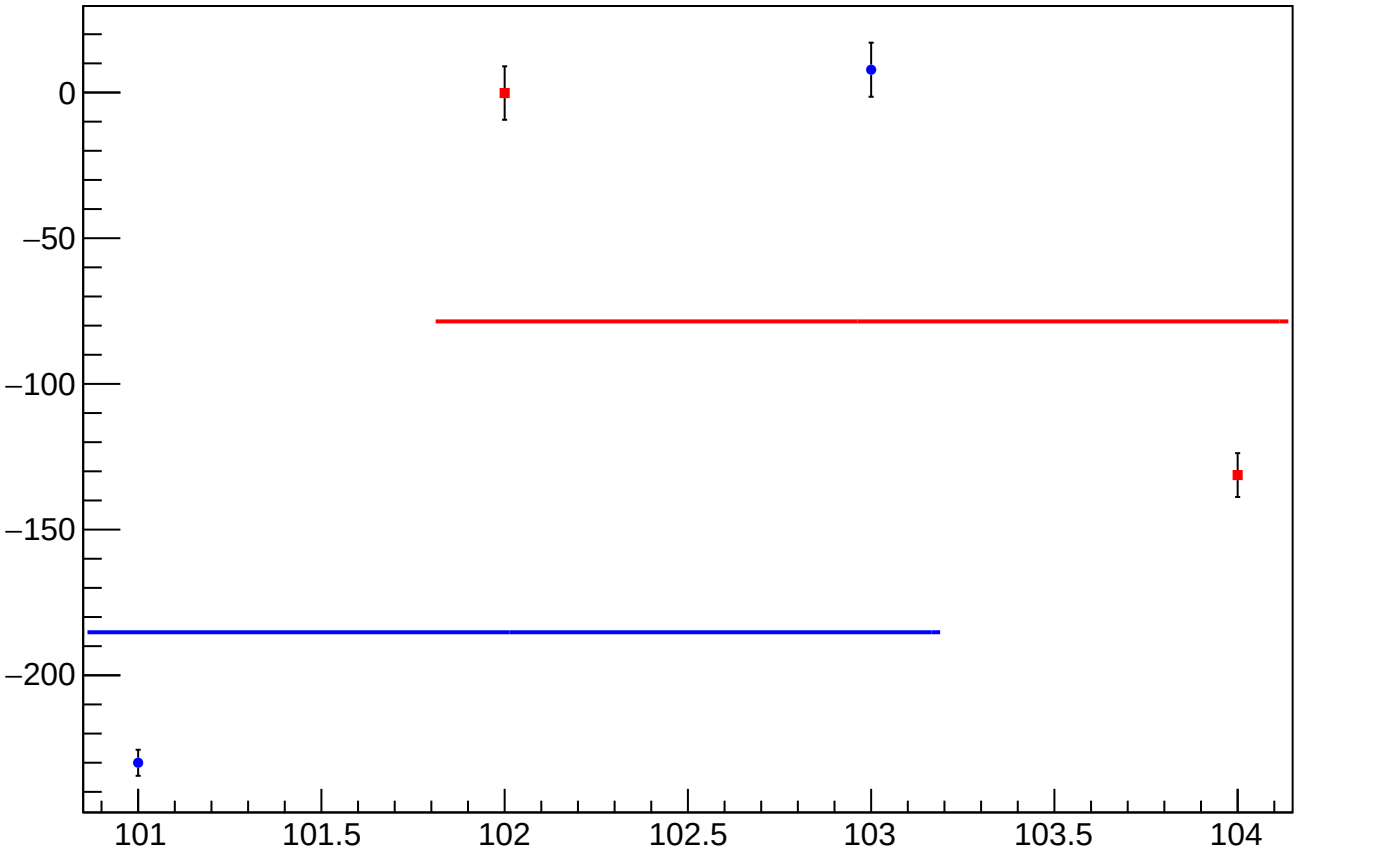
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

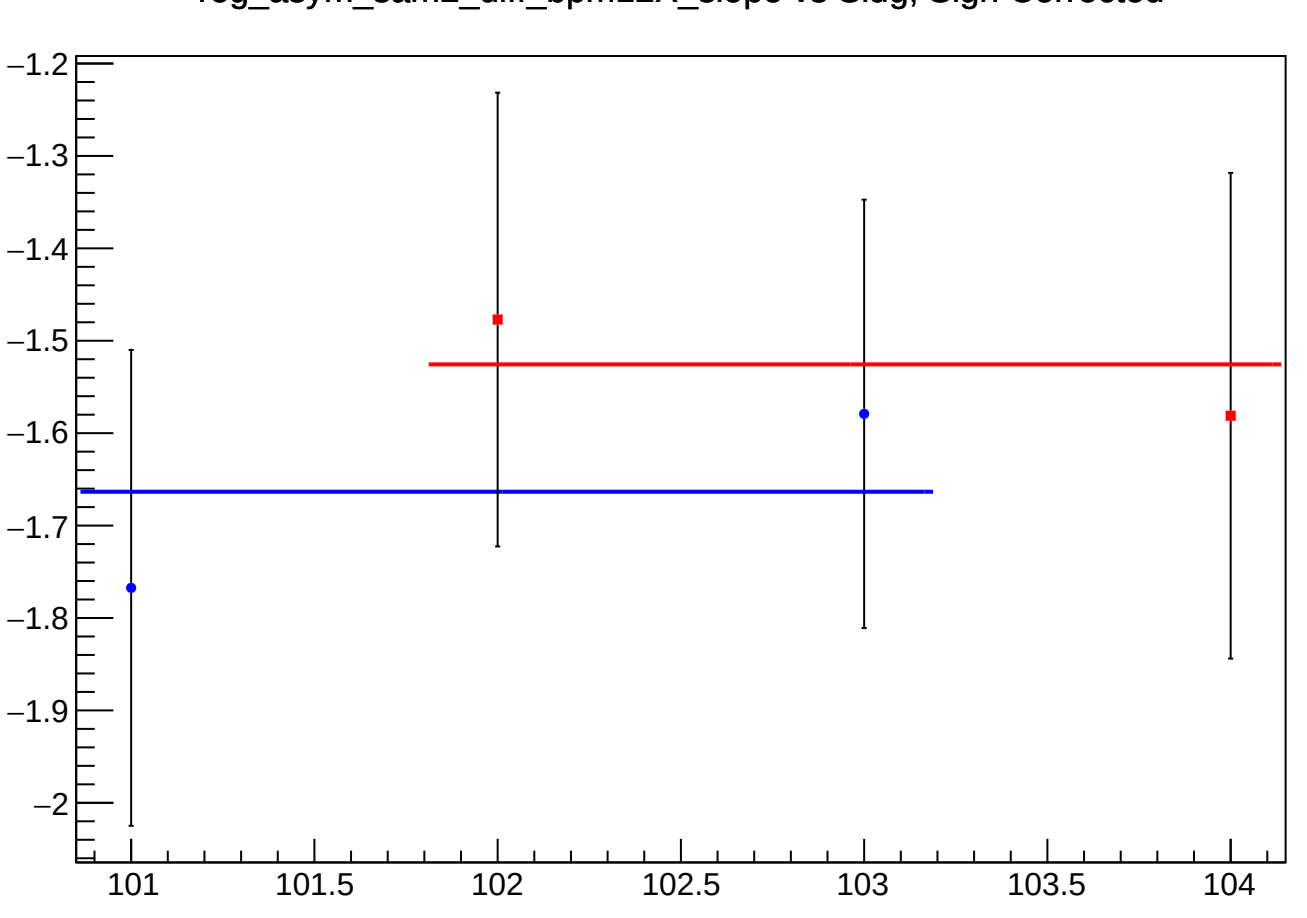
Right: -127.815+/-4.597 χ^2/NDF: 0.9/3

In: -127.387+/-5.894 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -127.815+/-4.597 χ^2/NDF: 0.9/3


reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected
0
−50
−100
−150
−200
101
101.5
102
102.5
103
103.5
104
Right In: -185.226+/-4.028 χ²/NDF: 532.9/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -78.547+/-5.819 χ²/NDF: 122.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -150.664+/-3.312 χ²/NDF: 882.1/3
In: -185.226+/-4.028 χ²/NDF:532.9/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -150.664+/-3.312 χ²/NDF: 882.1/3



Right In: -1.663+/-0.172 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.526+/-0.179 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

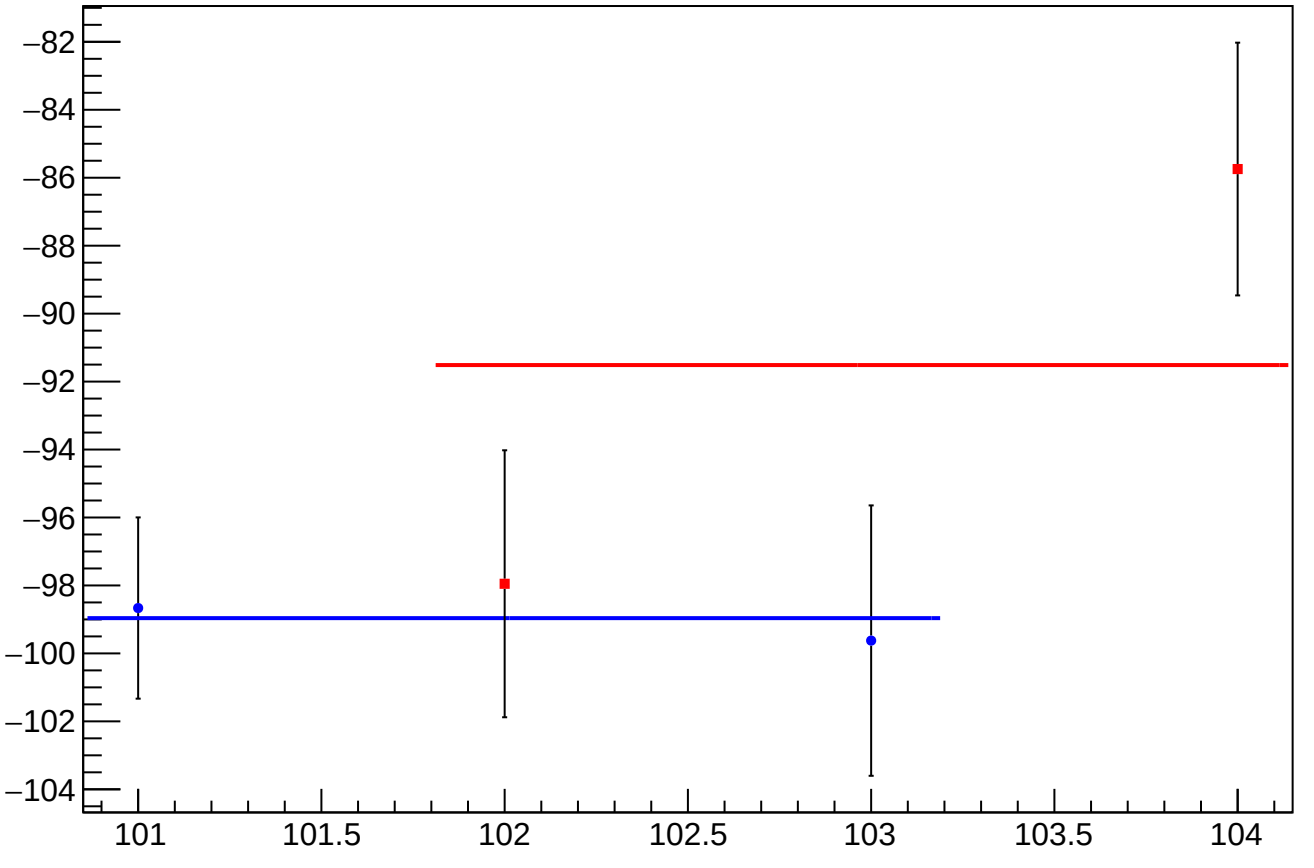
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.597+/-0.124 χ^2/NDF: 0.7/3

In: -1.663+/-0.172 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.597+/-0.124 χ^2/NDF: 0.7/3



Right In: -98.962+/-2.216 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -91.514+/-2.701 χ^2/NDF: 5.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

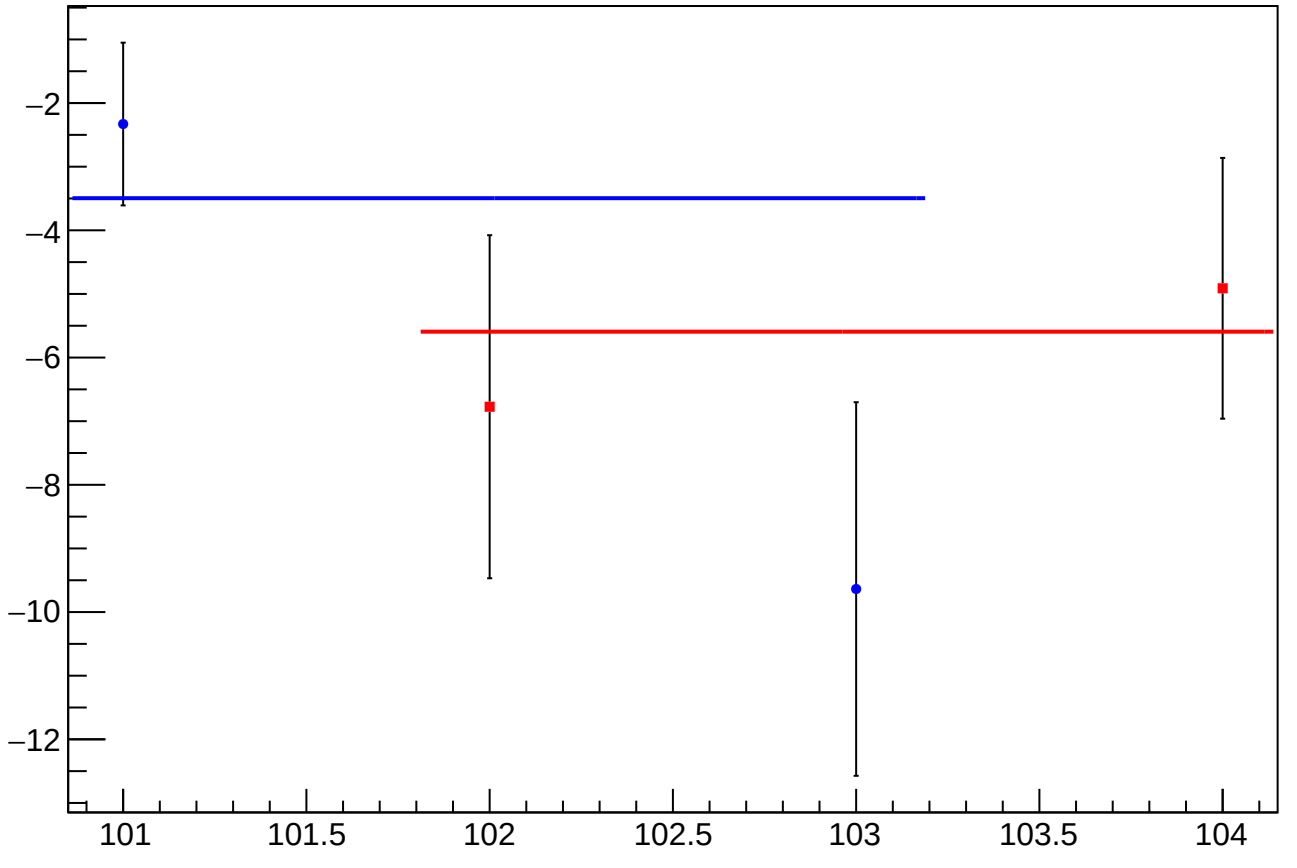
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -95.966+/-1.713 χ^2/NDF: 9.7/3

In: -98.962+/-2.216 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -95.966+/-1.713 χ^2/NDF: 9.7/3



Right In: -3.495+/-1.172 χ^2/NDF: 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.593+/-1.631 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

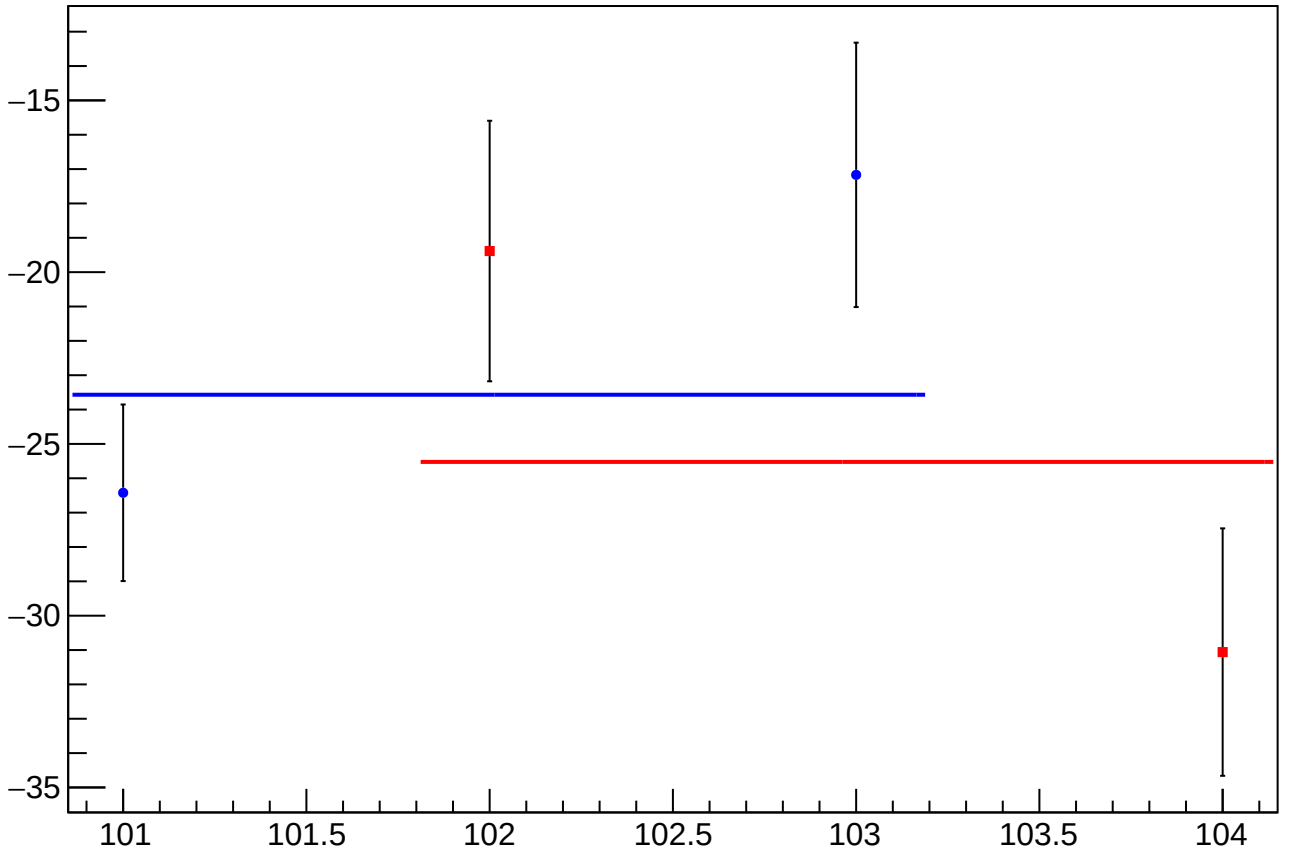
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -4.210+/-0.952 χ^2/NDF: 6.6/3

In: -3.495+/-1.172 χ^2/NDF:5.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.210+/-0.952 χ^2/NDF: 6.6/3



Right In: -23.568+/-2.137 χ^2/NDF: 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -25.524+/-2.611 χ^2/NDF: 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

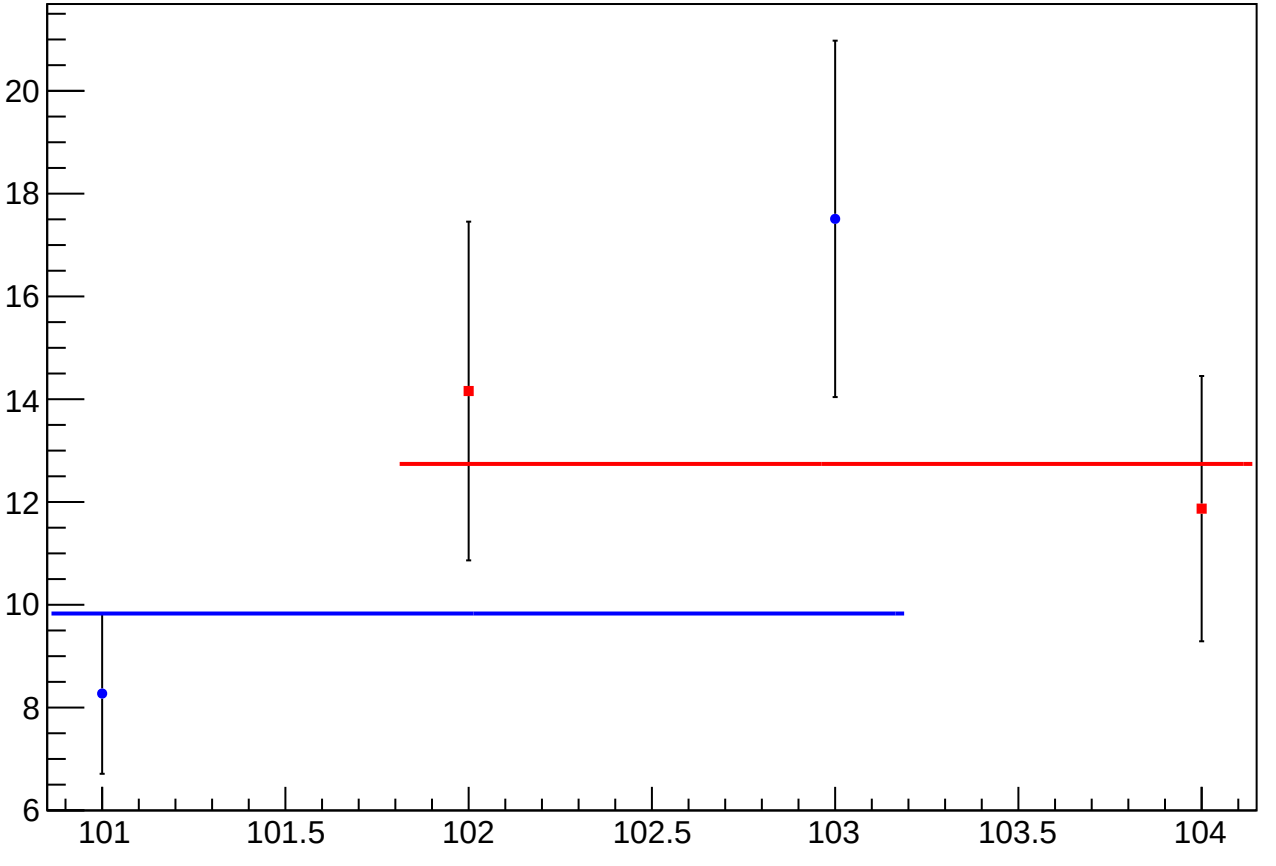
Right: -24.353+/-1.654 χ^2/NDF: 9.3/3

In: -23.568+/-2.137 χ^2/NDF:4.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -24.353+/-1.654 χ^2/NDF: 9.3/3

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.830+/-1.424 χ^2/NDF: 5.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.741+/-2.032 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

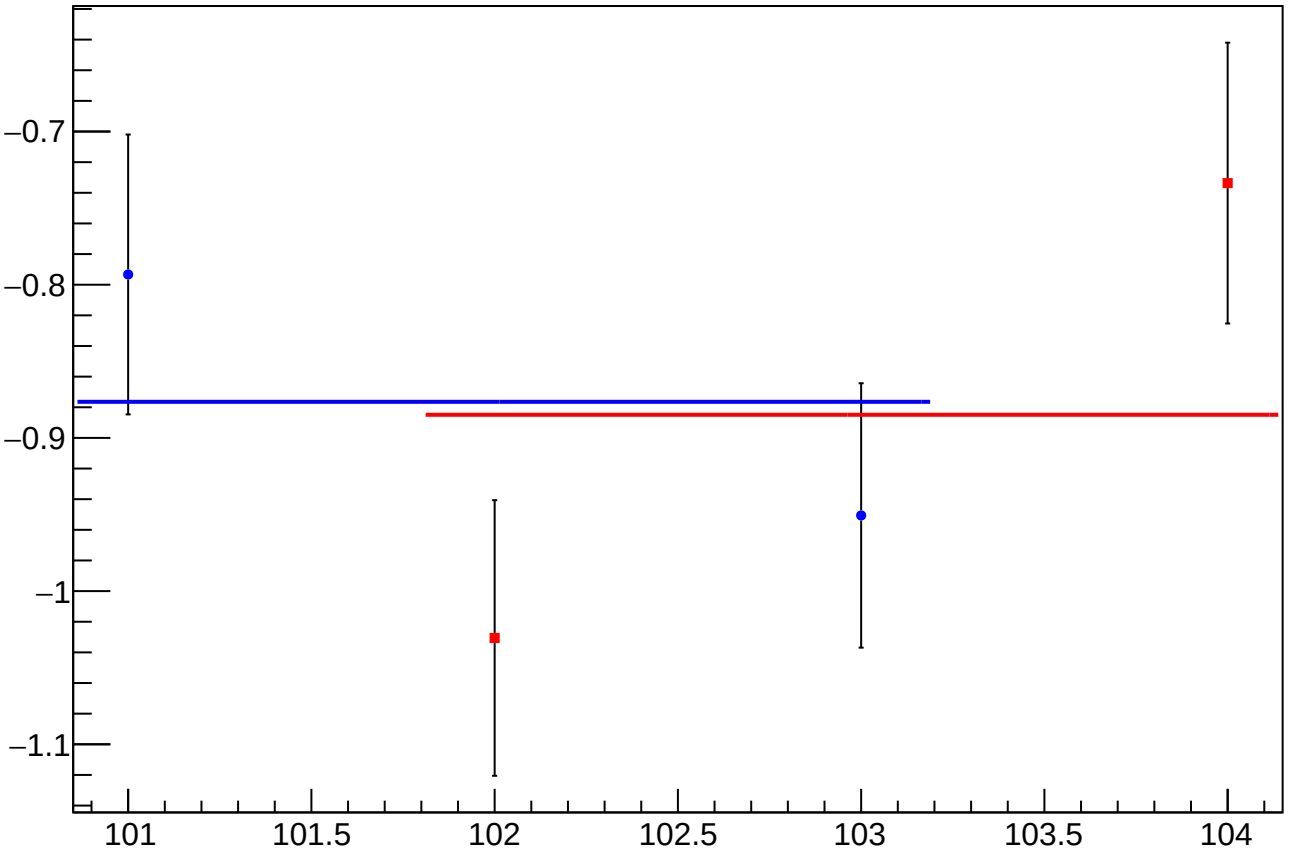
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 10.789+/-1.166 χ^2/NDF: 7.6/3

In: 9.830+/-1.424 χ^2/NDF:5.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 10.789+/-1.166 χ^2/NDF: 7.6/3



Right In: -0.876+/-0.063 χ^2/NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.885+/-0.064 χ^2/NDF: 5.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

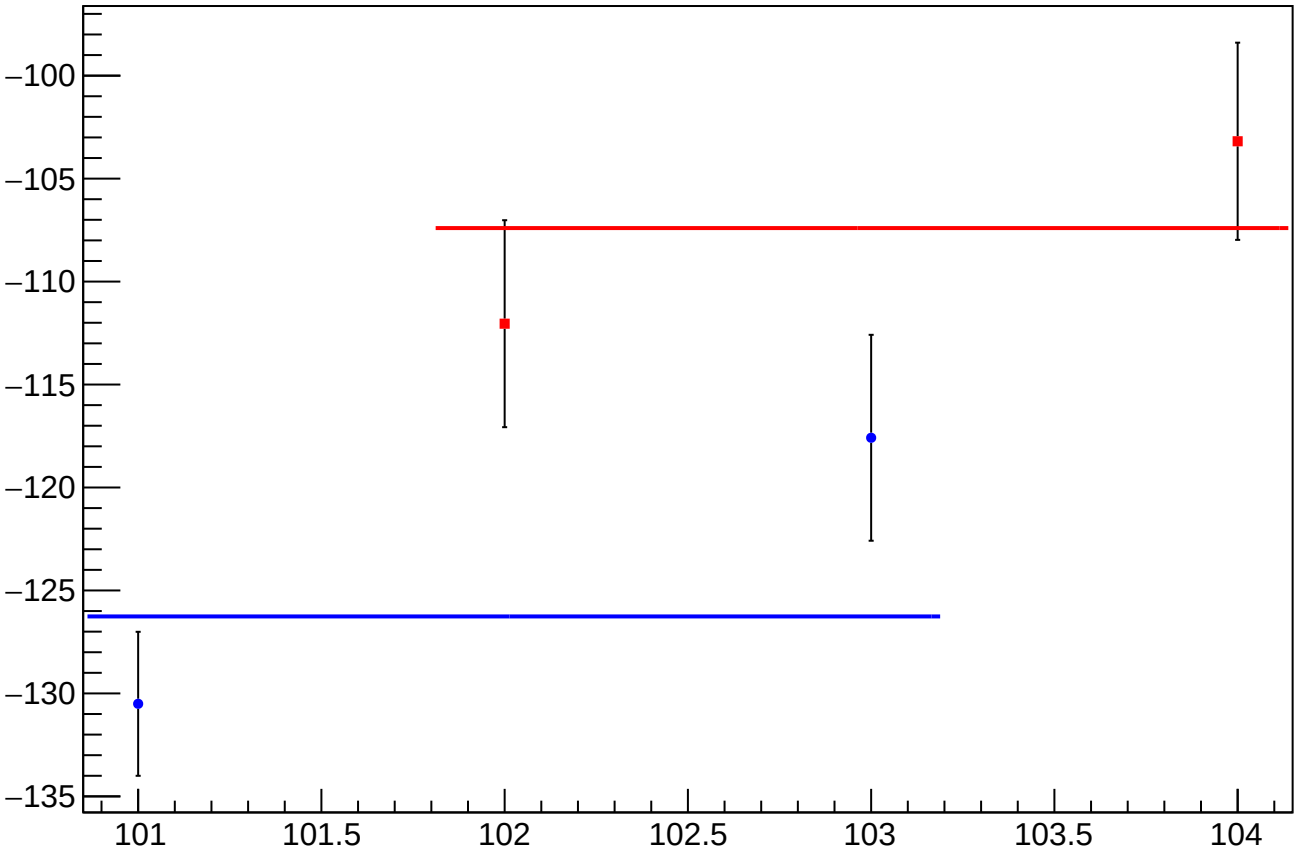
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.881+/-0.045 χ^2/NDF: 6.9/3

In: -0.876+/-0.063 χ^2/NDF:1.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.881+/-0.045 χ^2/NDF: 6.9/3



Right In: -126.261+/-2.865 χ^2/NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -107.402+/-3.467 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

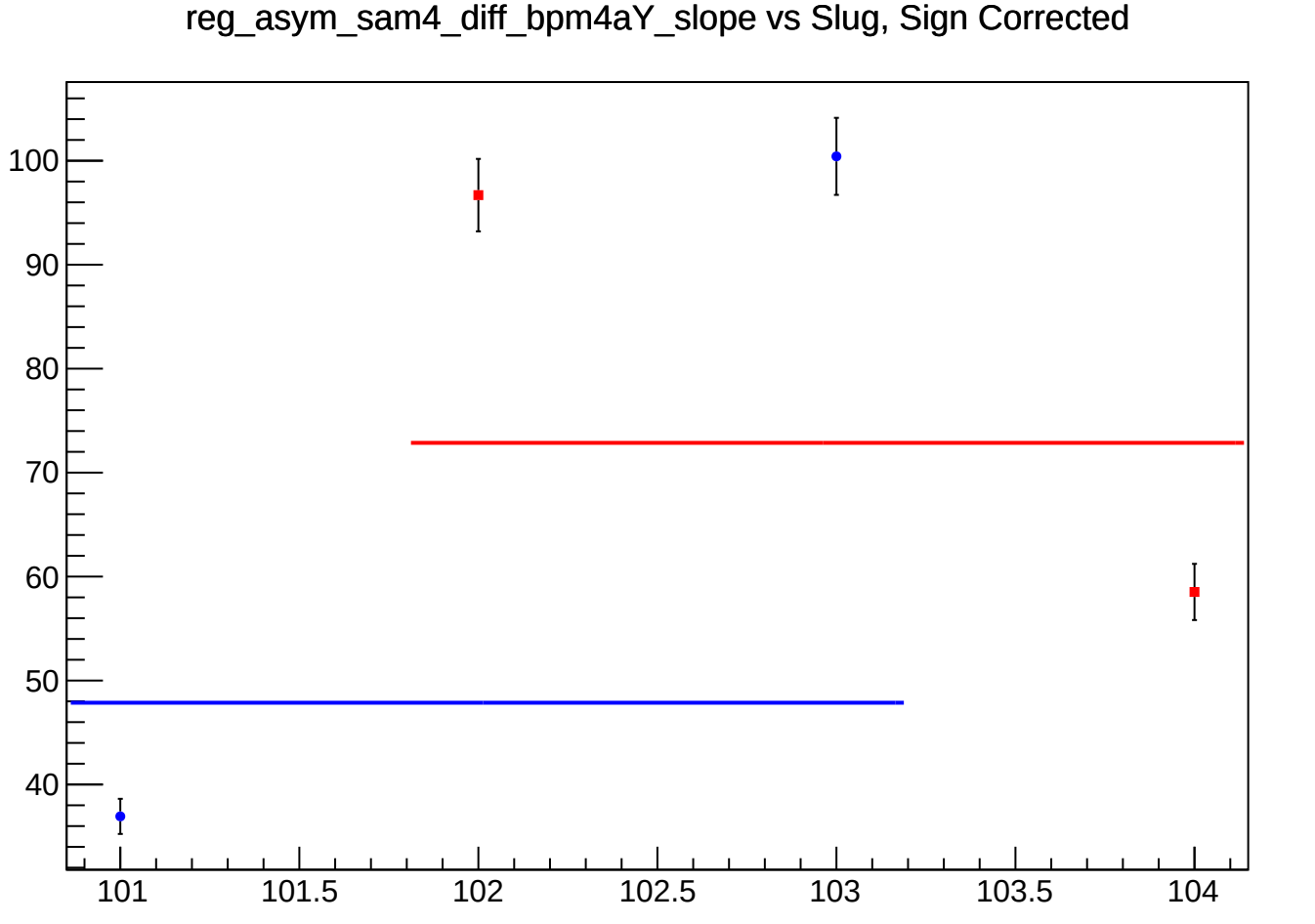
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

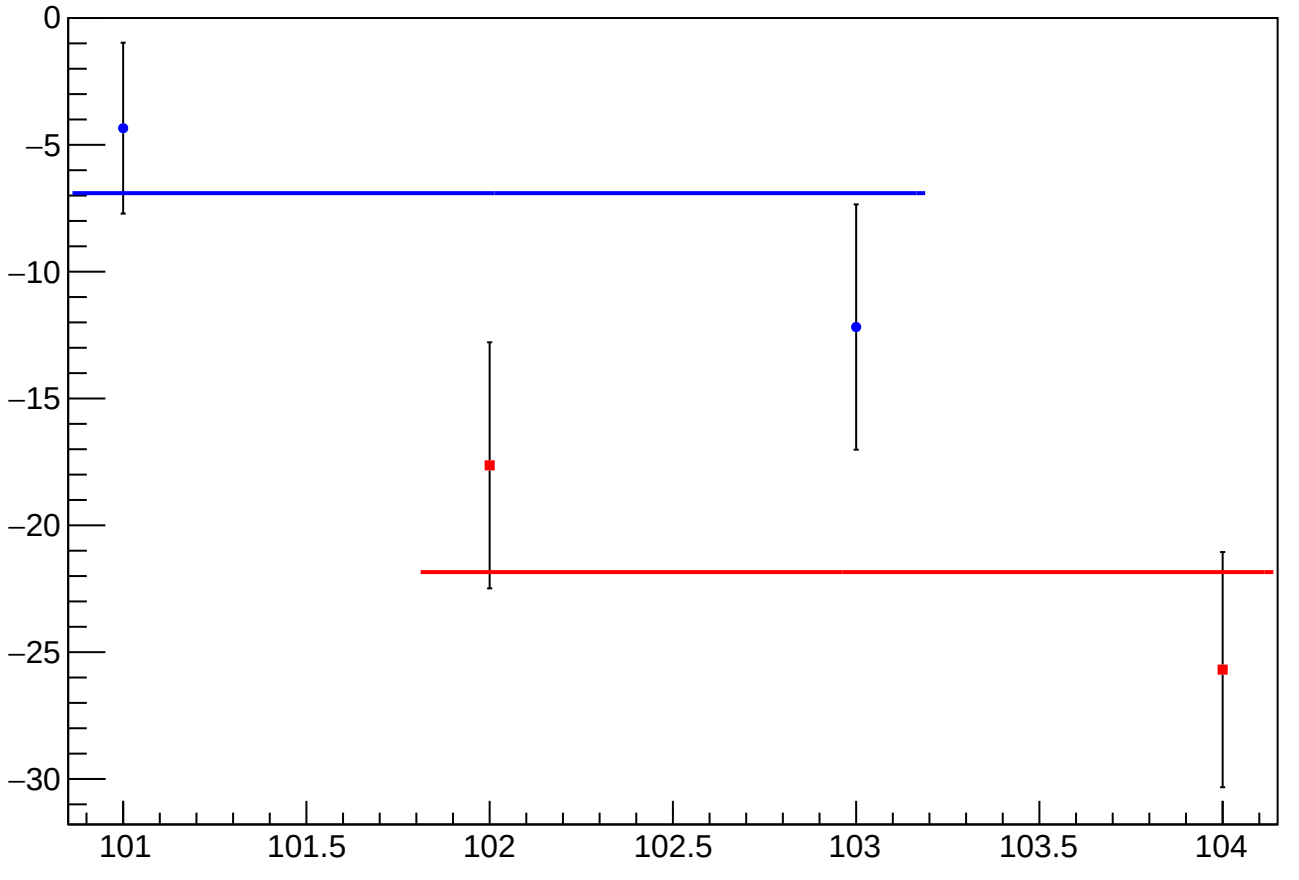
Right: -118.606+/-2.209 χ^2/NDF: 23.7/3

In: -126.261+/-2.865 χ^2/NDF:4.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -118.606+/-2.209 χ^2/NDF: 23.7/3


reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected
100
90
80
70
60
50
40
101
101.5
102
102.5
103
103.5
104
Right In: 47.867+/-1.537 χ2/NDF: 243.1/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 72.864+/-2.136 χ2/NDF: 74.9/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 56.399+/-1.248 χ2/NDF: 408.3/3
In: 47.867+/-1.537 χ2/NDF:243.1/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 56.399+/-1.248 χ2/NDF: 408.3/3



Right In: -6.904+/-2.764 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21.844+/-3.352 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

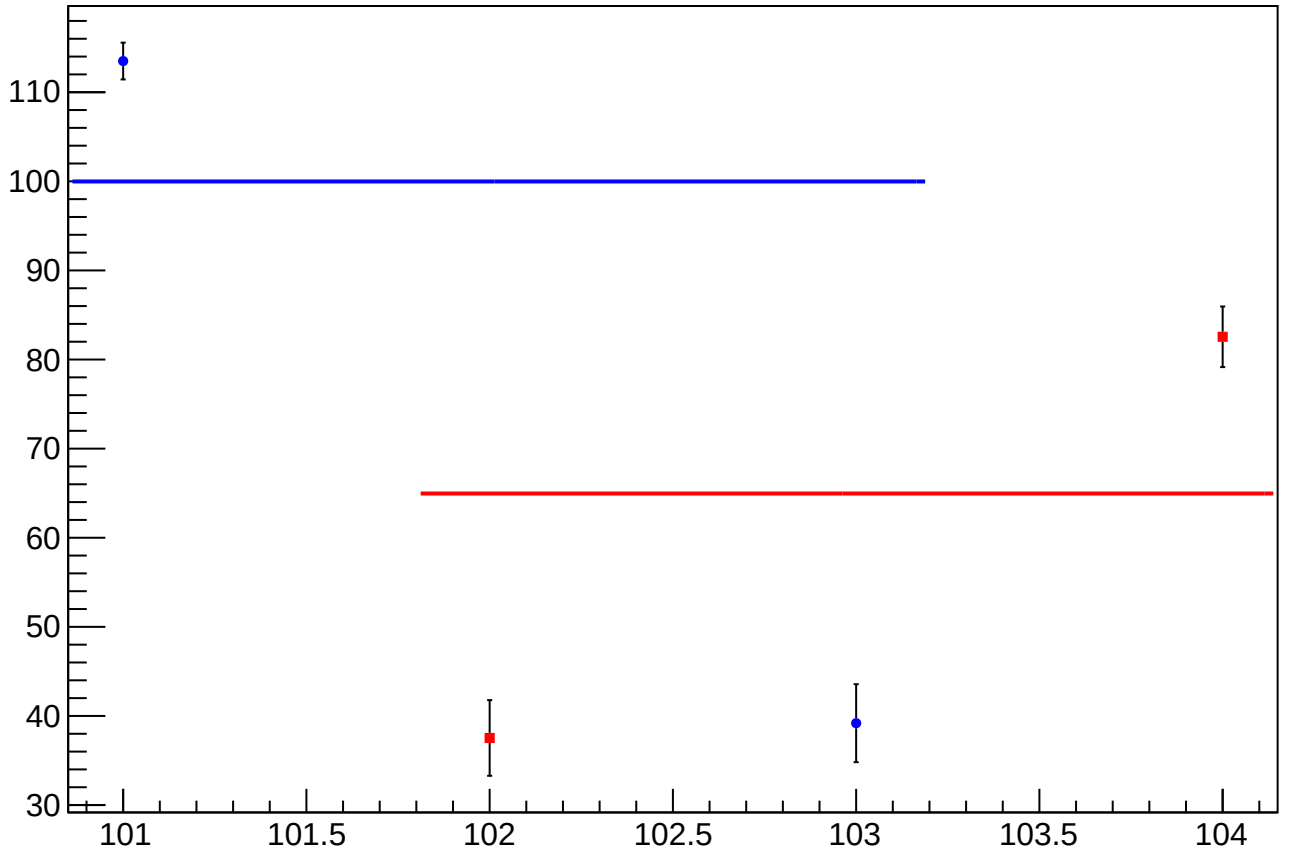
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -12.951+/-2.132 χ^2/NDF: 15.0/3

In: -6.904+/-2.764 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.951+/-2.132 χ^2/NDF: 15.0/3



Right In: 99.984+/-1.866 χ^2/NDF: 236.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 64.966+/-2.654 χ^2/NDF: 68.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

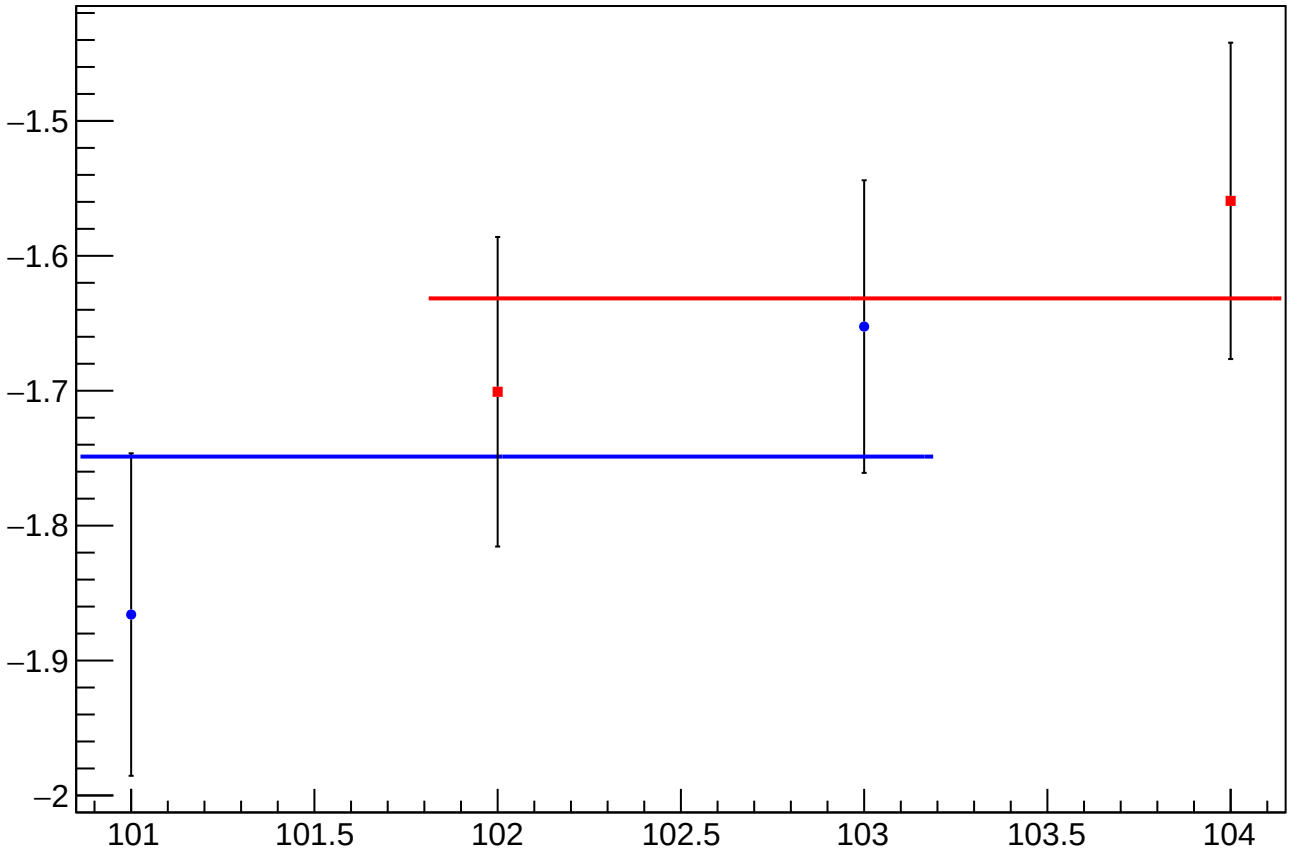
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 88.403+/-1.526 χ^2/NDF: 420.9/3

In: 99.984+/-1.866 χ^2/NDF:236.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 88.403+/-1.526 χ^2/NDF: 420.9/3



Right In: -1.749+/-0.080 χ^2/NDF: 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.632+/-0.082 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

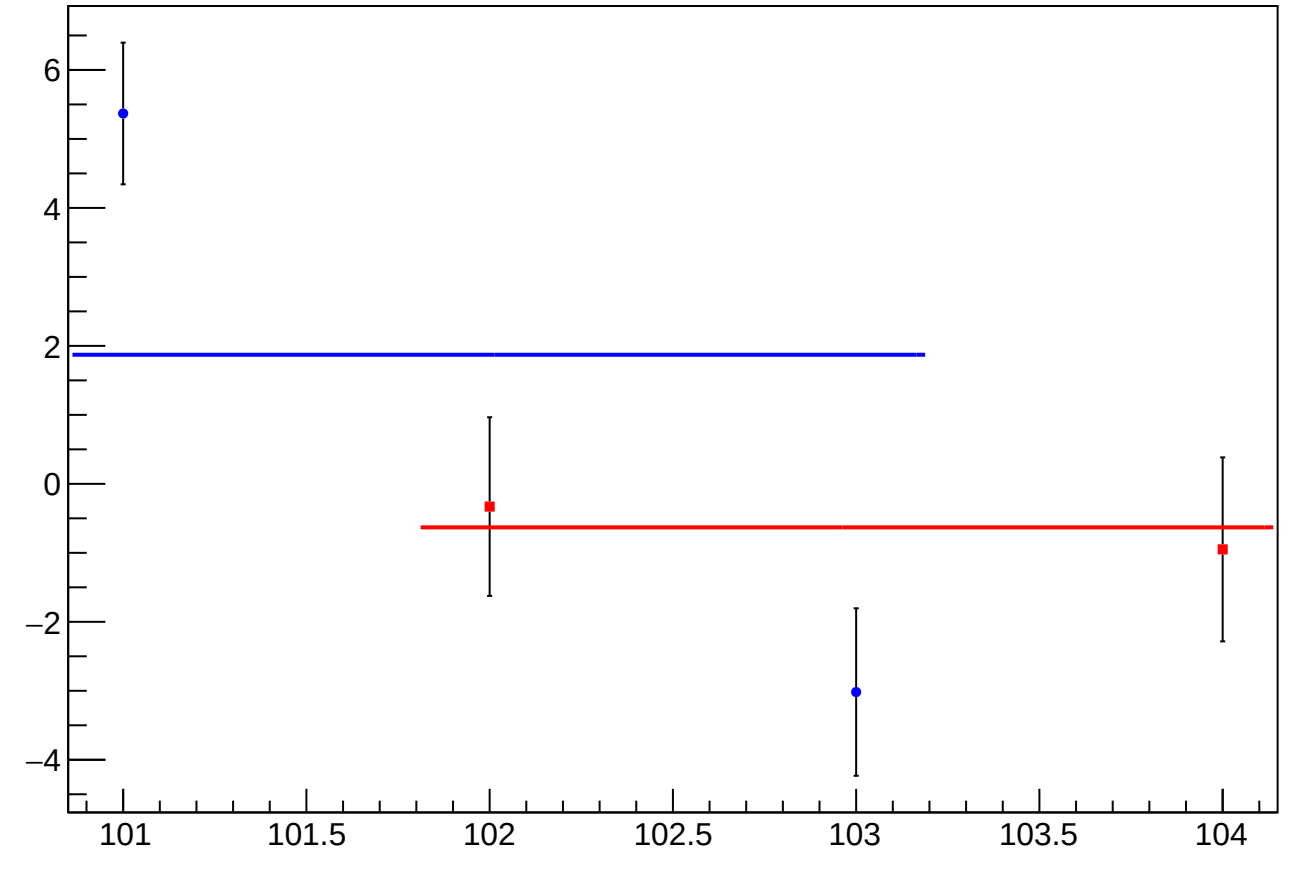
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.691+/-0.057 χ^2/NDF: 3.5/3

In: -1.749+/-0.080 χ^2/NDF:1.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.691+/-0.057 χ^2/NDF: 3.5/3



Right In: 1.871+/-0.784 χ^2/NDF: 27.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.631+/-0.929 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

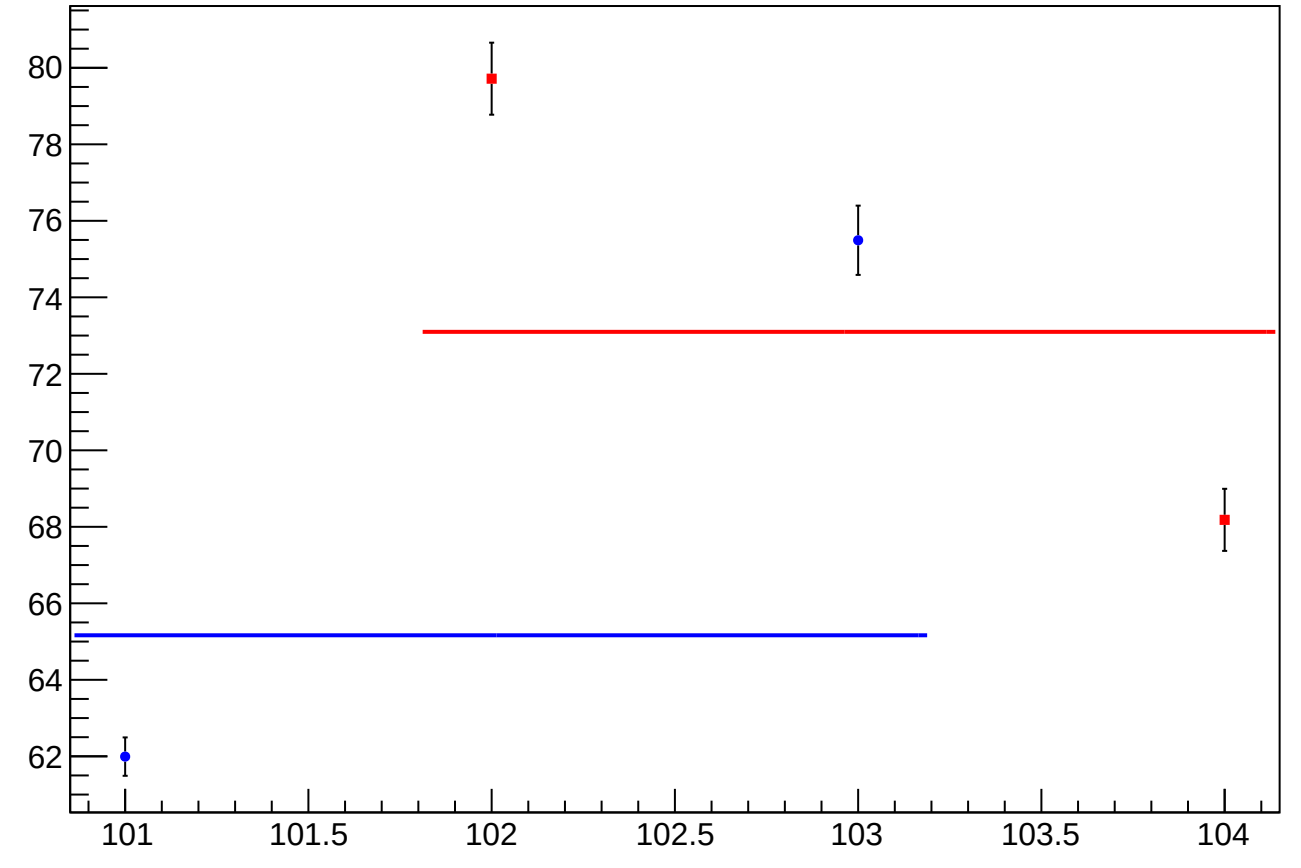
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.831+/-0.599 χ^2/NDF: 32.2/3

In: 1.871+/-0.784 χ^2/NDF:27.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.831+/-0.599 χ^2/NDF: 32.2/3



Right In: 65.164+/-0.439 χ^2/NDF: 170.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 73.097+/-0.615 χ^2/NDF: 86.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

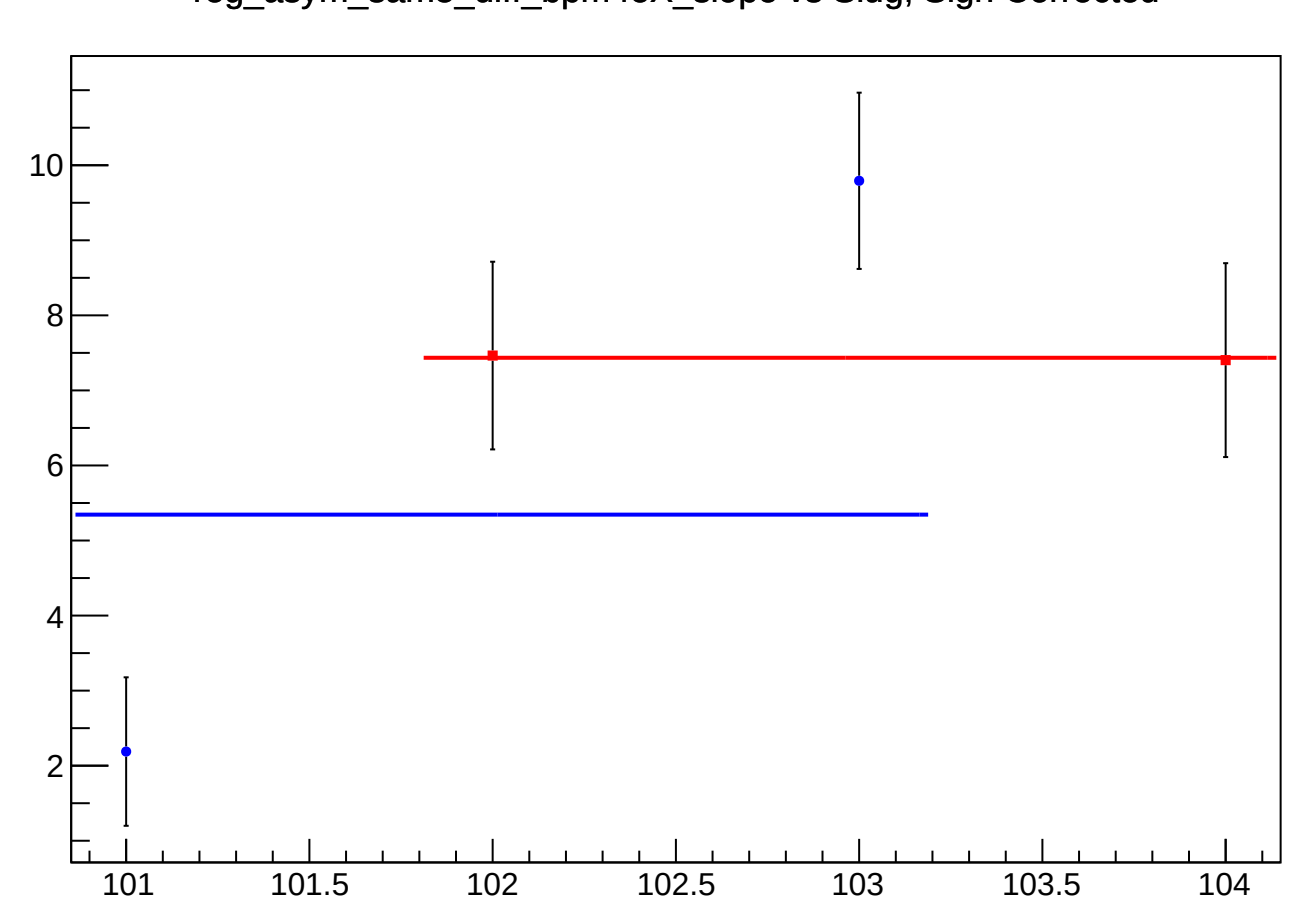
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 67.843+/-0.357 χ^2/NDF: 366.5/3

In: 65.164+/-0.439 χ^2/NDF:170.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 67.843+/-0.357 χ^2/NDF: 366.5/3



Right In: 5.345+/-0.756 χ^2/NDF: 24.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.435+/-0.898 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

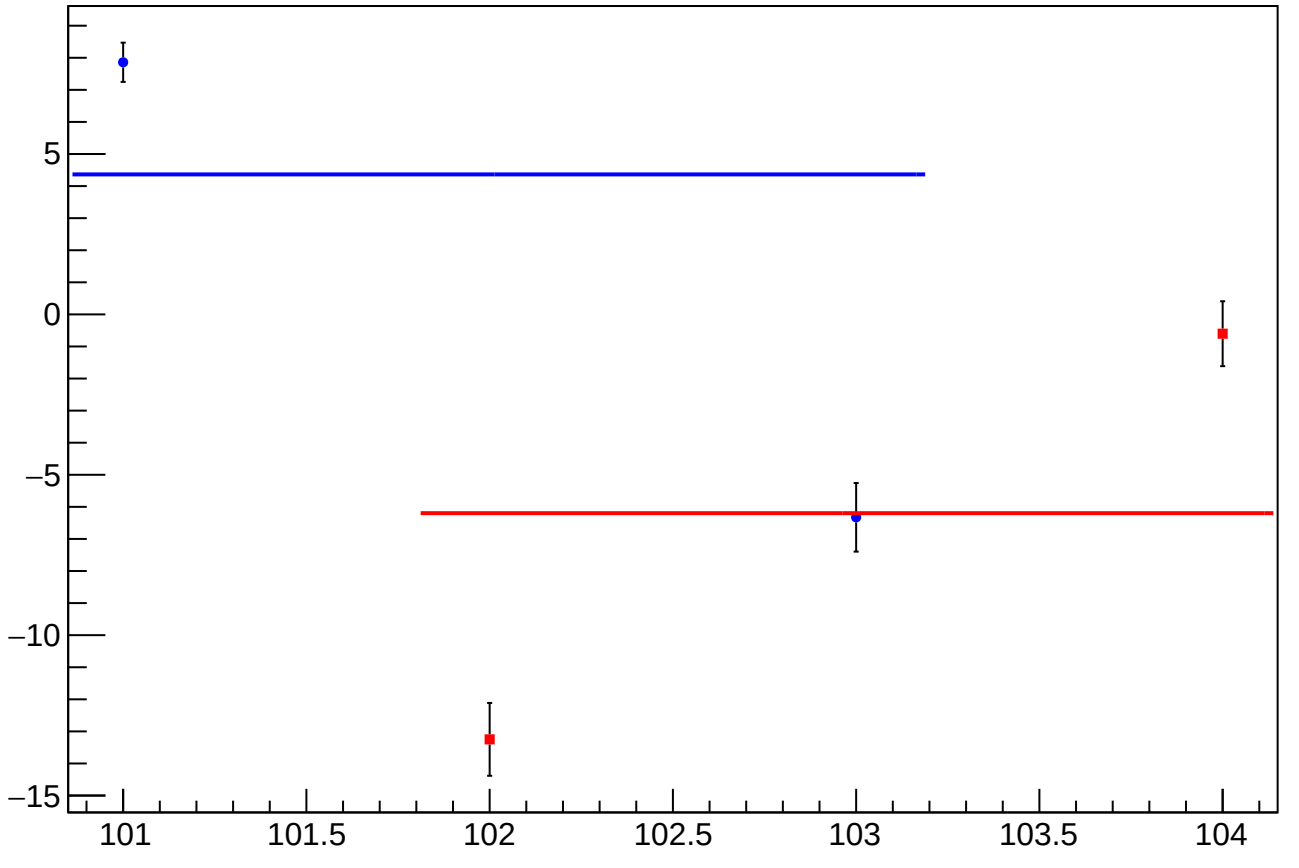
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 6.212+/-0.579 χ^2/NDF: 27.7/3

In: 5.345+/-0.756 χ^2/NDF:24.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.212+/-0.579 χ^2/NDF: 27.7/3



Right In: 4.364+/-0.531 χ^2/NDF: 132.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.197+/-0.755 χ^2/NDF: 69.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

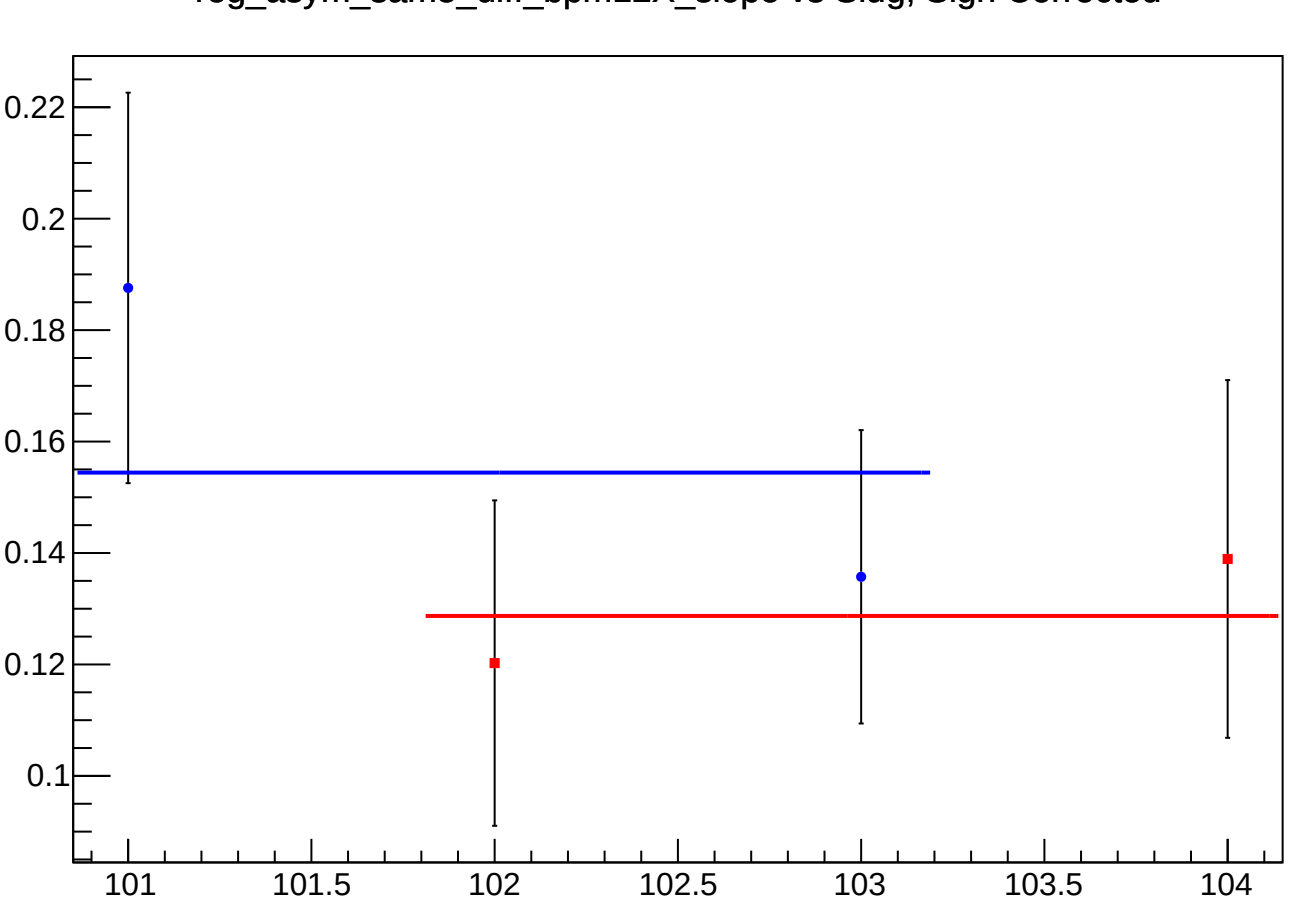
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.872+/-0.434 χ^2/NDF: 332.6/3

In: 4.364+/-0.531 χ^2/NDF:132.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.872+/-0.434 χ^2/NDF: 332.6/3



Right In: 0.154+/-0.021 χ^2/NDF: 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.129+/-0.022 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

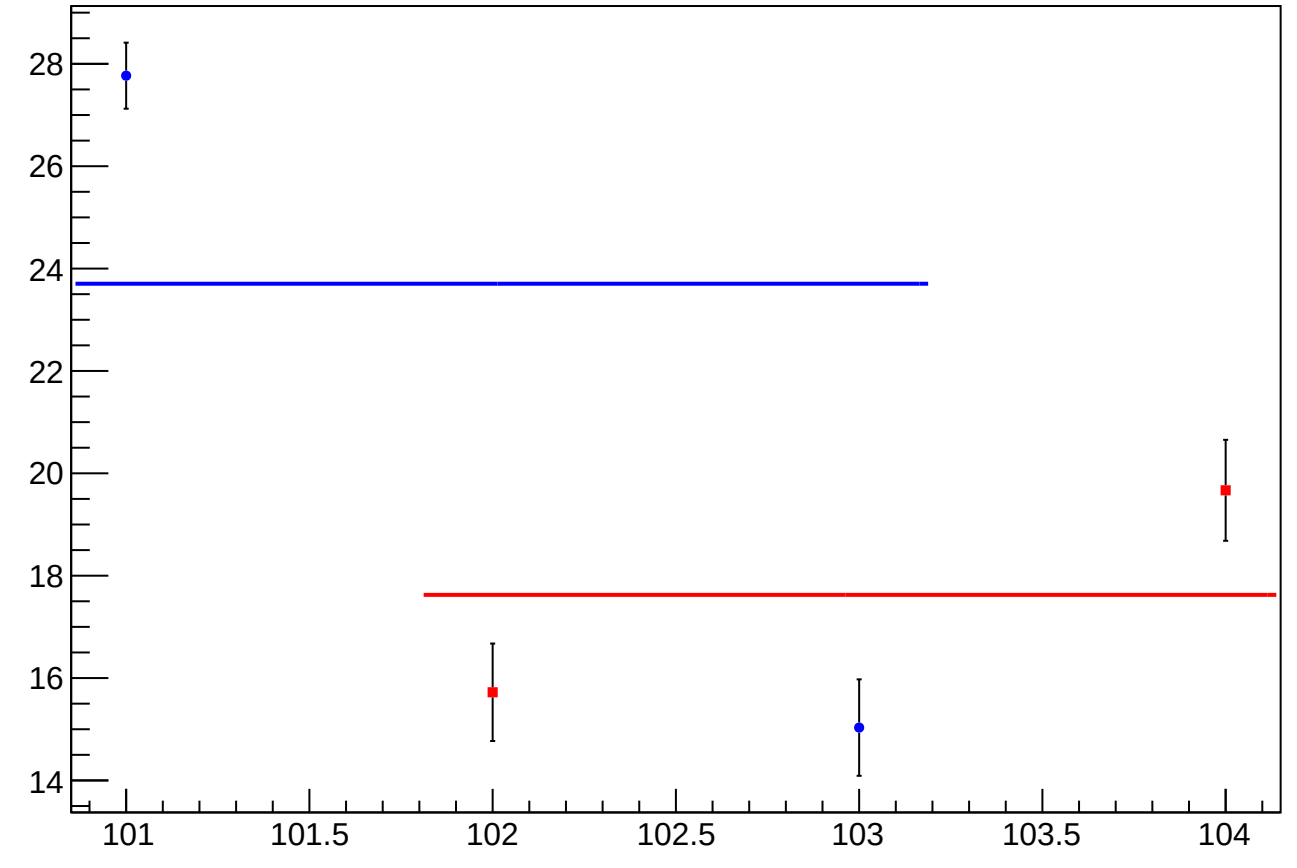
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.142+/-0.015 χ^2/NDF: 2.3/3

In: 0.154+/-0.021 χ^2/NDF:1.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.142+/-0.015 χ^2/NDF: 2.3/3



Right In: 23.704+/-0.532 χ^2/NDF: 124.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 17.625+/-0.685 χ^2/NDF: 8.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

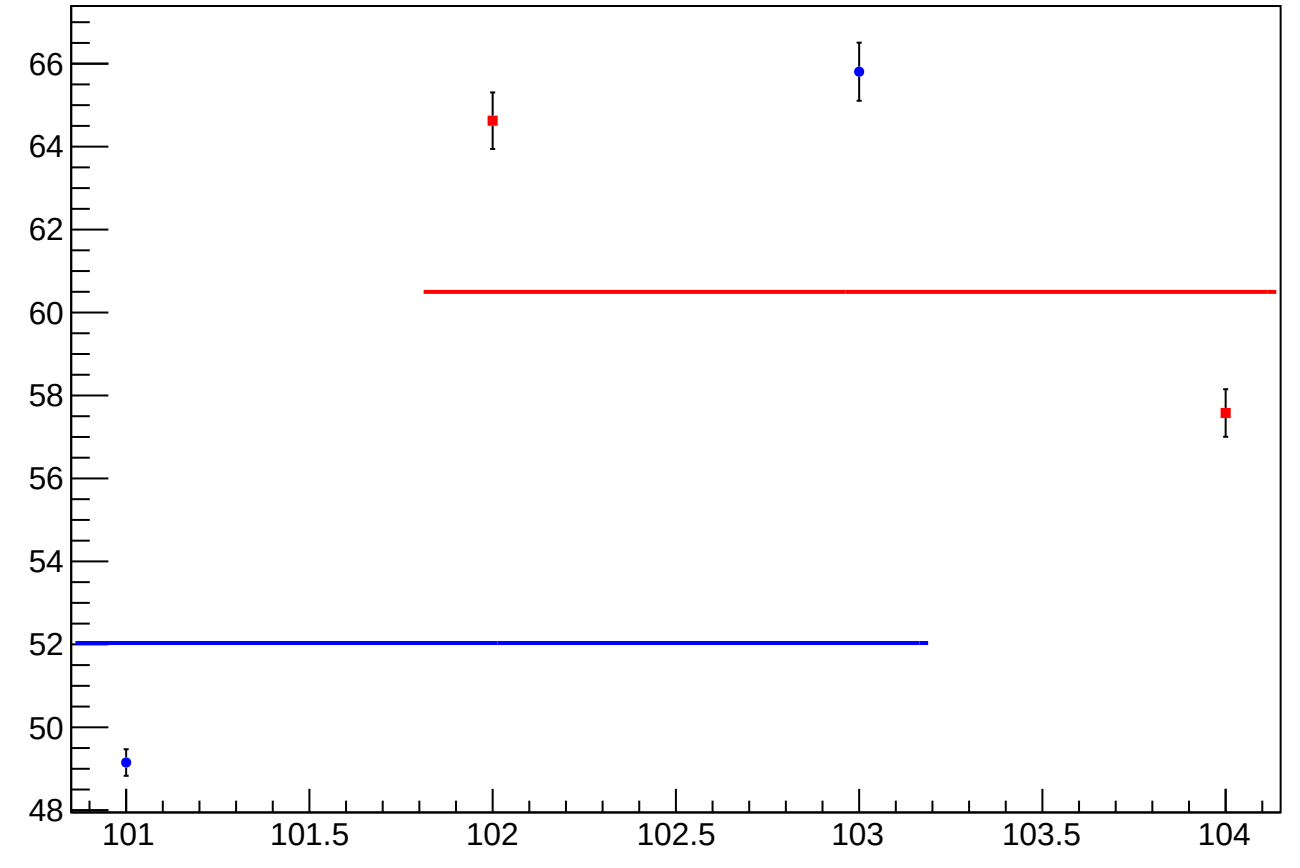
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 21.415+/-0.420 χ^2/NDF: 181.8/3

In: 23.704+/-0.532 χ^2/NDF:124.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 21.415+/-0.420 χ^2/NDF: 181.8/3



Right In: 52.032+/-0.291 χ^2/NDF: 467.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 60.498+/-0.439 χ^2/NDF: 62.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

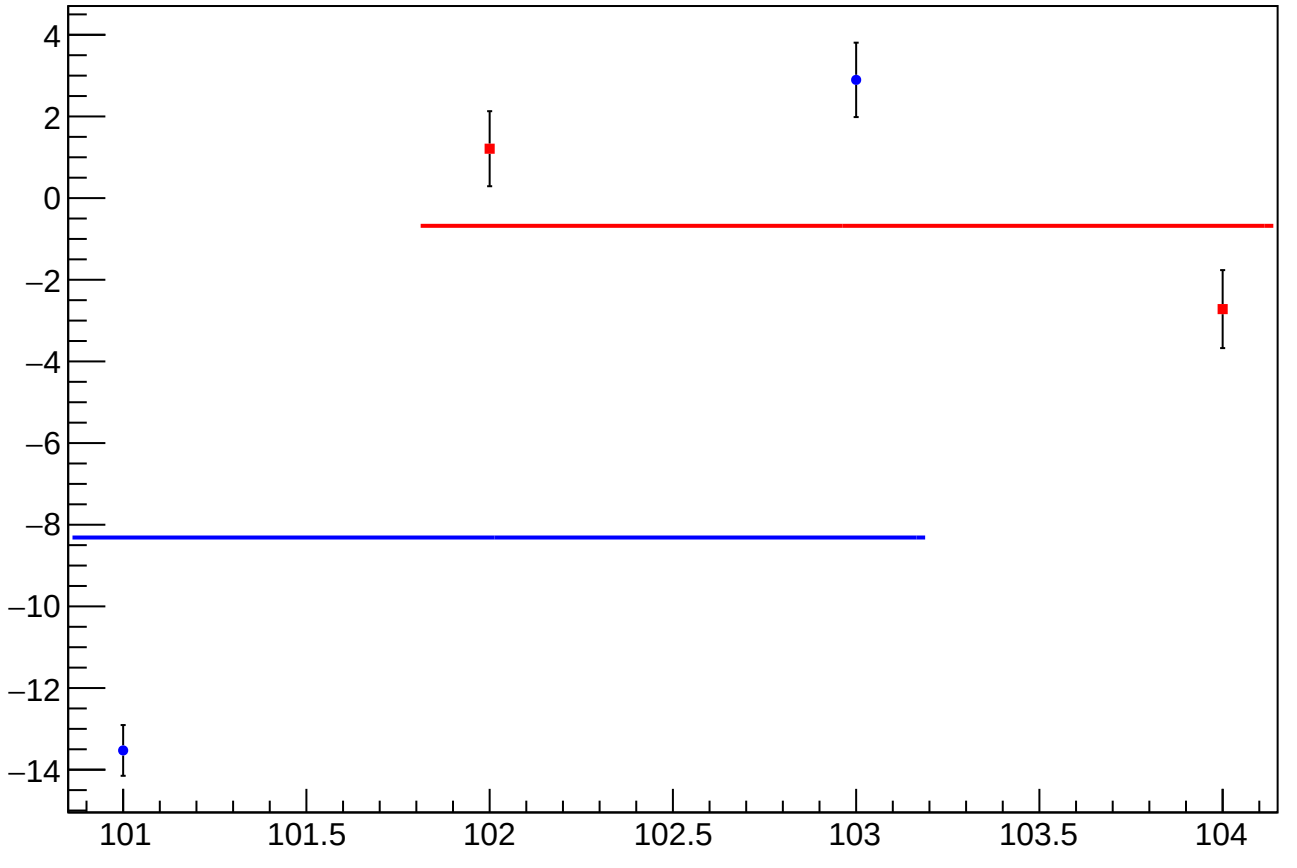
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 54.621+/-0.243 χ^2/NDF: 788.6/3

In: 52.032+/-0.291 χ^2/NDF:467.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 54.621+/-0.243 χ^2/NDF: 788.6/3



Right In: -8.313+/-0.513 χ^2/NDF: 221.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.679+/-0.662 χ^2/NDF: 8.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

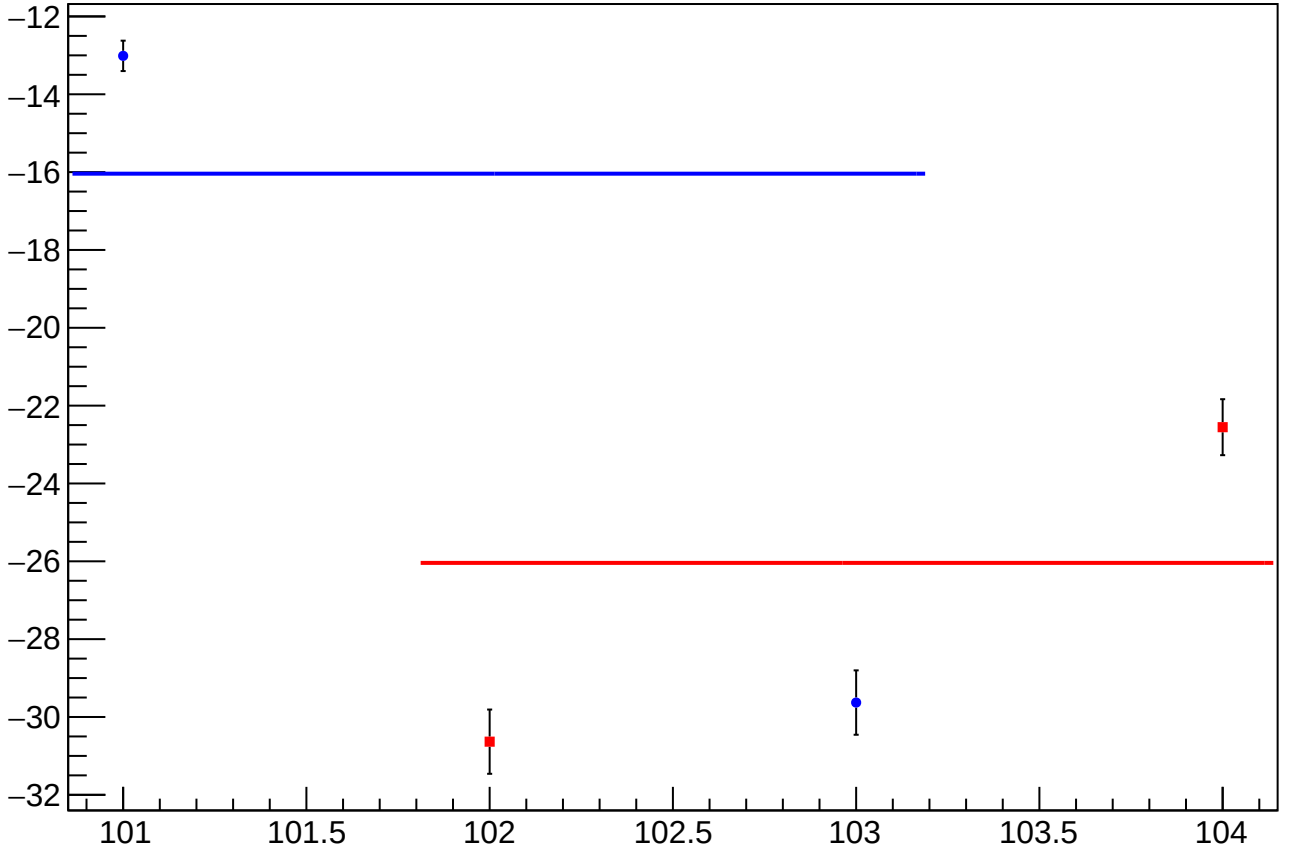
Right: -5.447+/-0.406 χ^2/NDF: 313.5/3

In: -8.313+/-0.513 χ^2/NDF:221.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.447+/-0.406 χ^2/NDF: 313.5/3

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.040+/-0.353 χ^2/NDF: 330.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.041+/-0.542 χ^2/NDF: 54.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

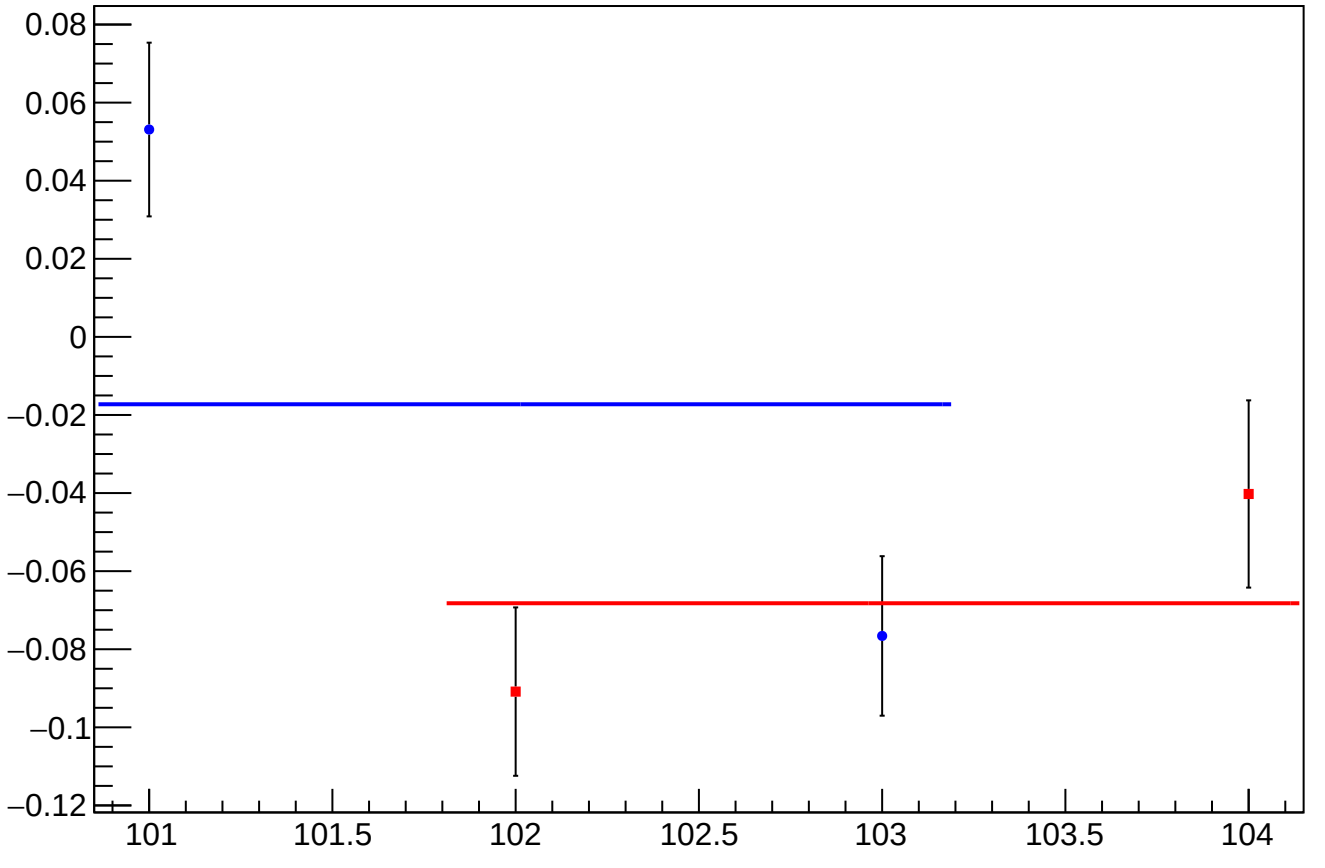
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -19.018+/-0.296 χ^2/NDF: 623.3/3

In: -16.040+/-0.353 χ^2/NDF:330.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.018+/-0.296 χ^2/NDF: 623.3/3



Right In: -0.017+/-0.015 χ^2/NDF: 18.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.068+/-0.016 χ^2/NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

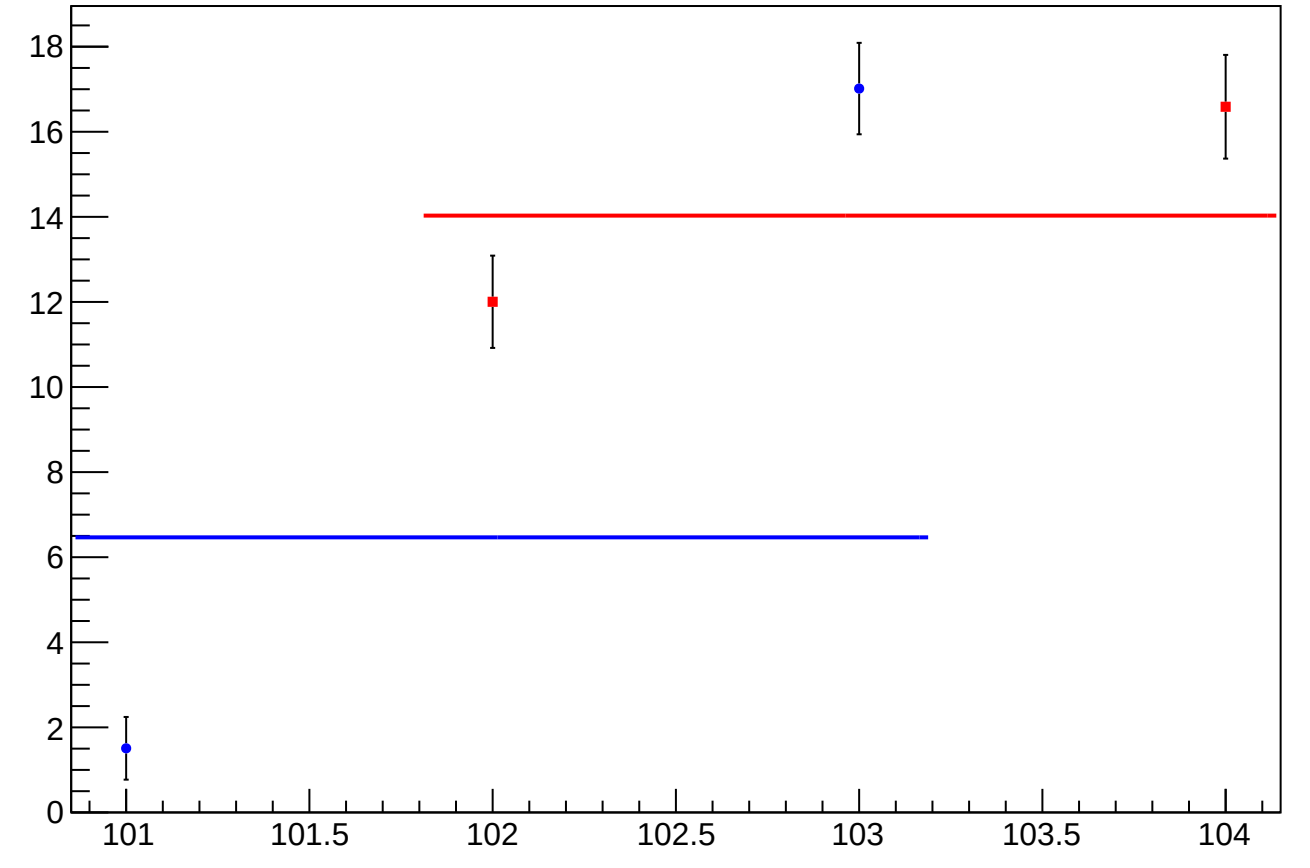
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.041+/-0.011 χ^2/NDF: 26.3/3

In: -0.017+/-0.015 χ^2/NDF:18.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.041+/-0.011 χ^2/NDF: 26.3/3



Right In: 6.466+/-0.608 χ^2/NDF: 141.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.029+/-0.810 χ^2/NDF: 7.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

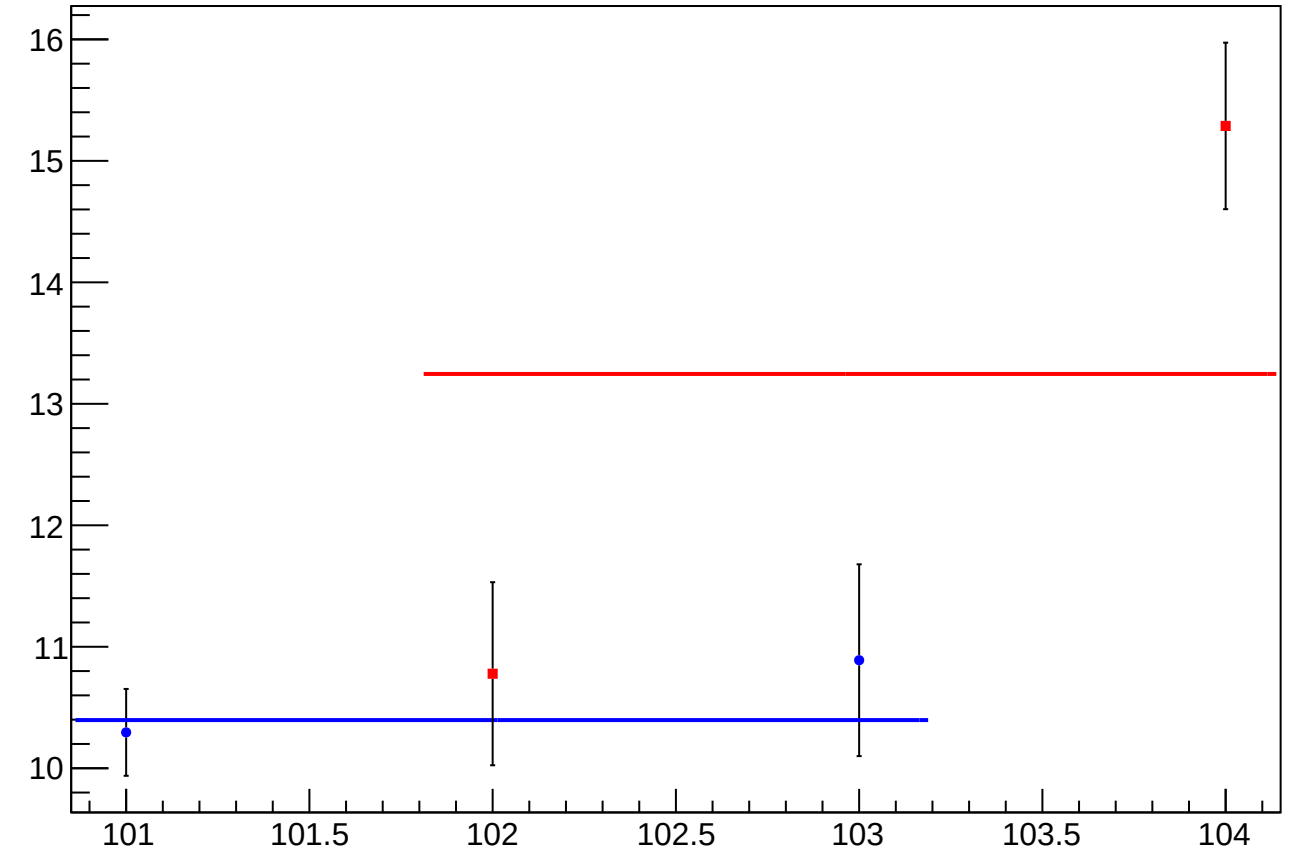
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9.189+/-0.486 χ^2/NDF: 205.3/3

In: 6.466+/-0.608 χ^2/NDF:141.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.189+/-0.486 χ^2/NDF: 205.3/3



Right In: 10.397+/-0.326 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.246+/-0.507 χ^2/NDF: 19.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

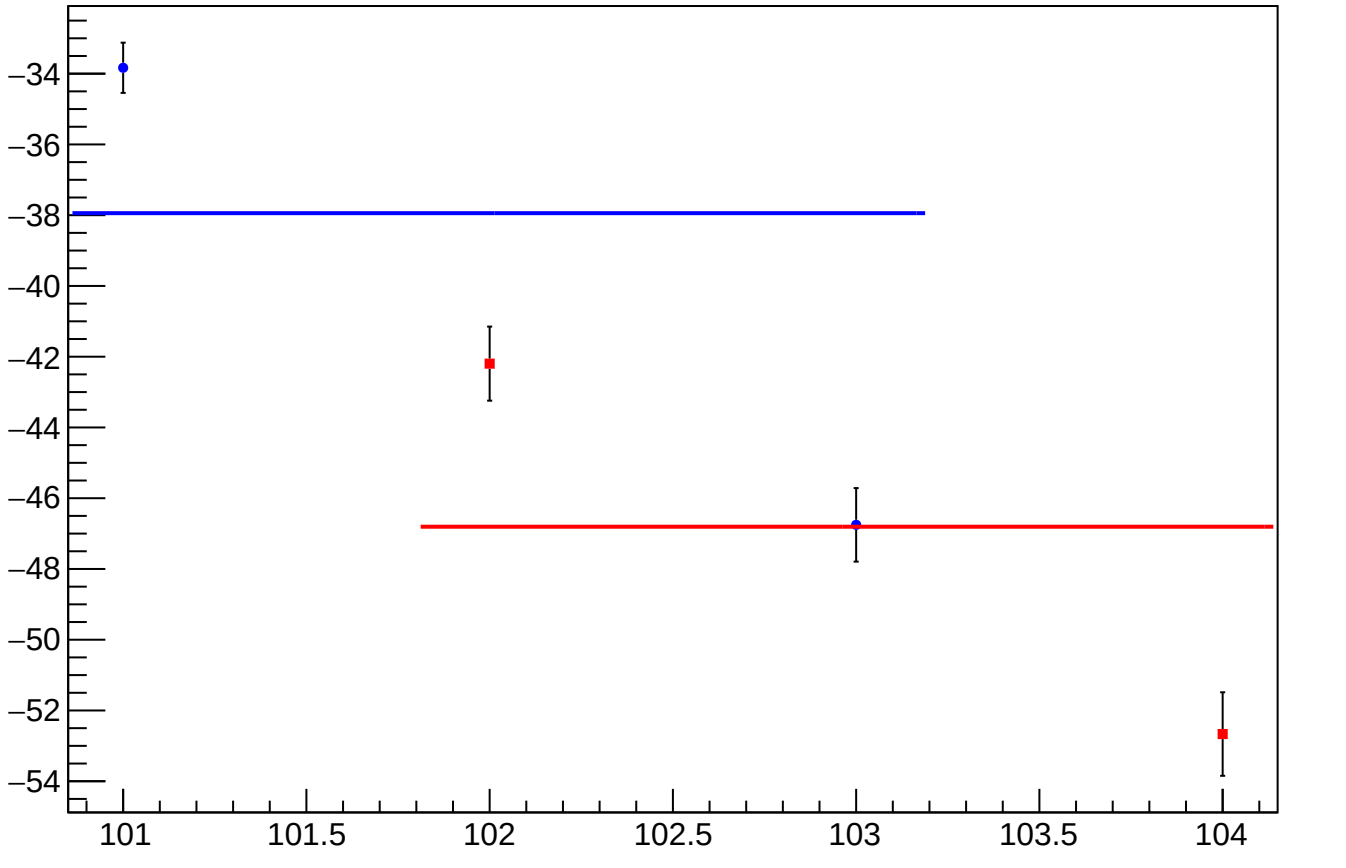
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.229+/-0.274 χ^2/NDF: 42.4/3

In: 10.397+/-0.326 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.229+/-0.274 χ^2/NDF: 42.4/3



Right In: -37.943+/-0.586 χ^2/NDF: 105.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -46.806+/-0.783 χ^2/NDF: 44.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

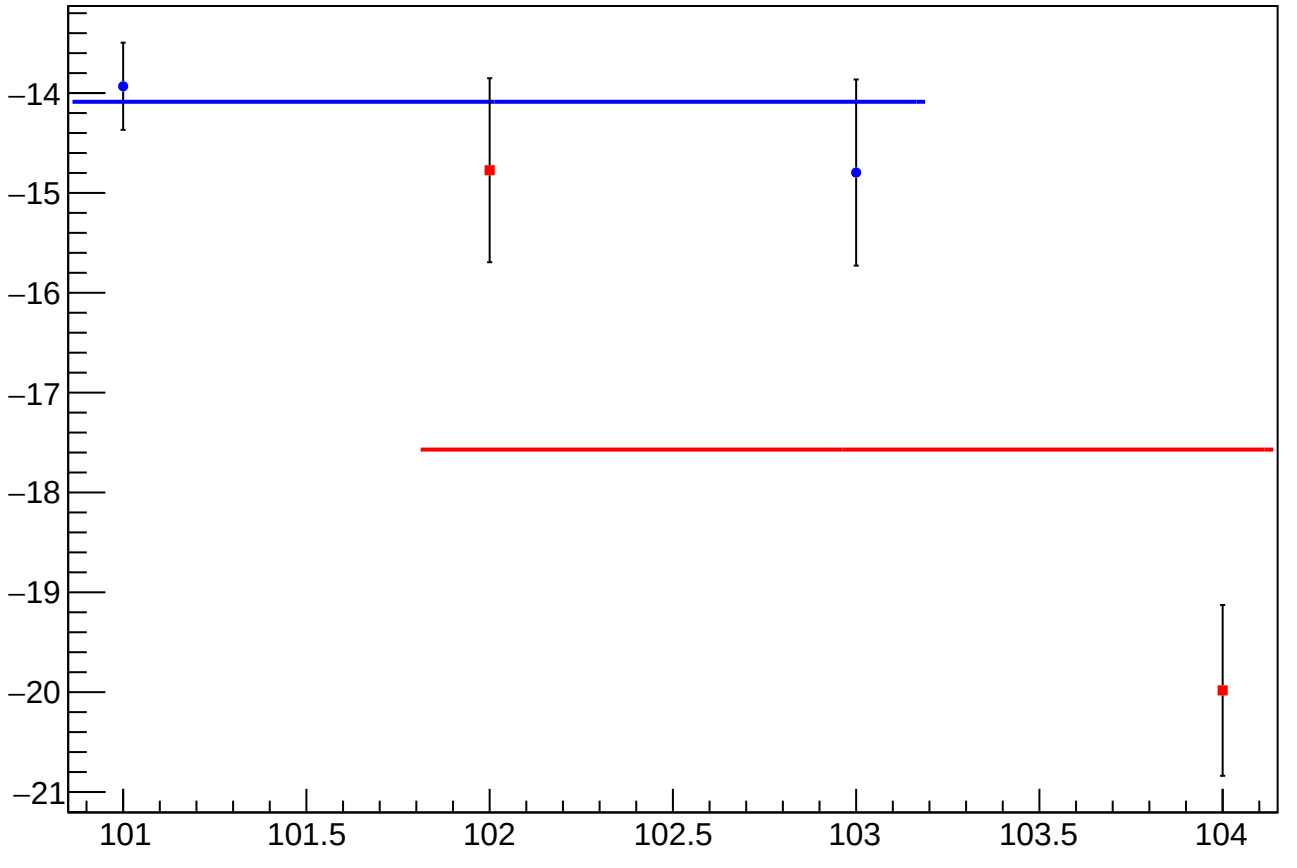
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -41.125+/-0.469 χ^2/NDF: 231.5/3

In: -37.943+/-0.586 χ^2/NDF:105.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -41.125+/-0.469 χ^2/NDF: 231.5/3



Right In: -14.087+/-0.395 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -17.570+/-0.627 χ^2/NDF: 17.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

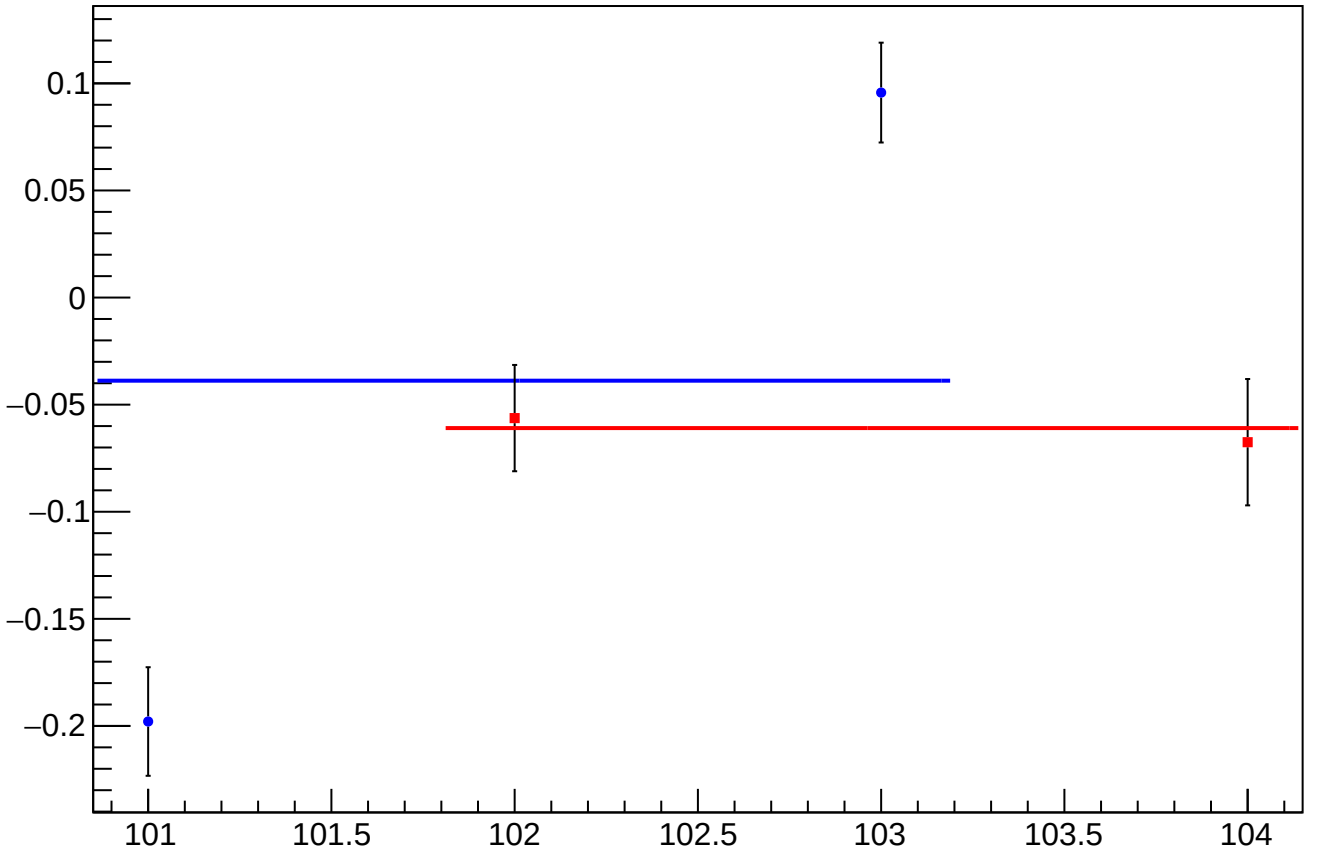
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -15.078+/-0.334 χ^2/NDF: 40.0/3

In: -14.087+/-0.395 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -15.078+/-0.334 χ^2/NDF: 40.0/3



Right In: -0.039+/-0.017 χ^2/NDF: 72.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.061+/-0.019 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

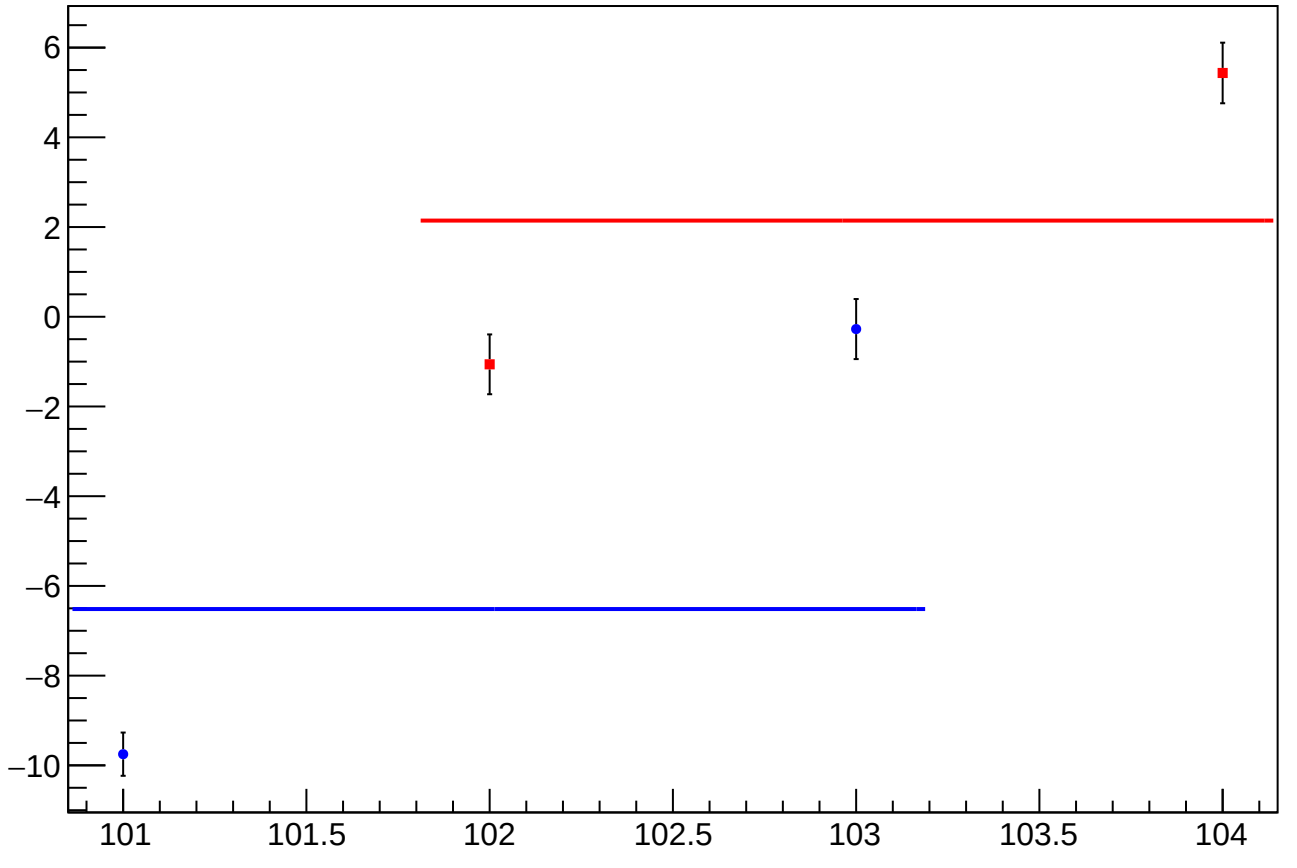
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.049+/-0.013 χ^2/NDF: 73.6/3

In: -0.039+/-0.017 χ^2/NDF:72.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.049+/-0.013 χ^2/NDF: 73.6/3



Right In: -6.516+/-0.391 χ^2/NDF: 132.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.144+/-0.475 χ^2/NDF: 46.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

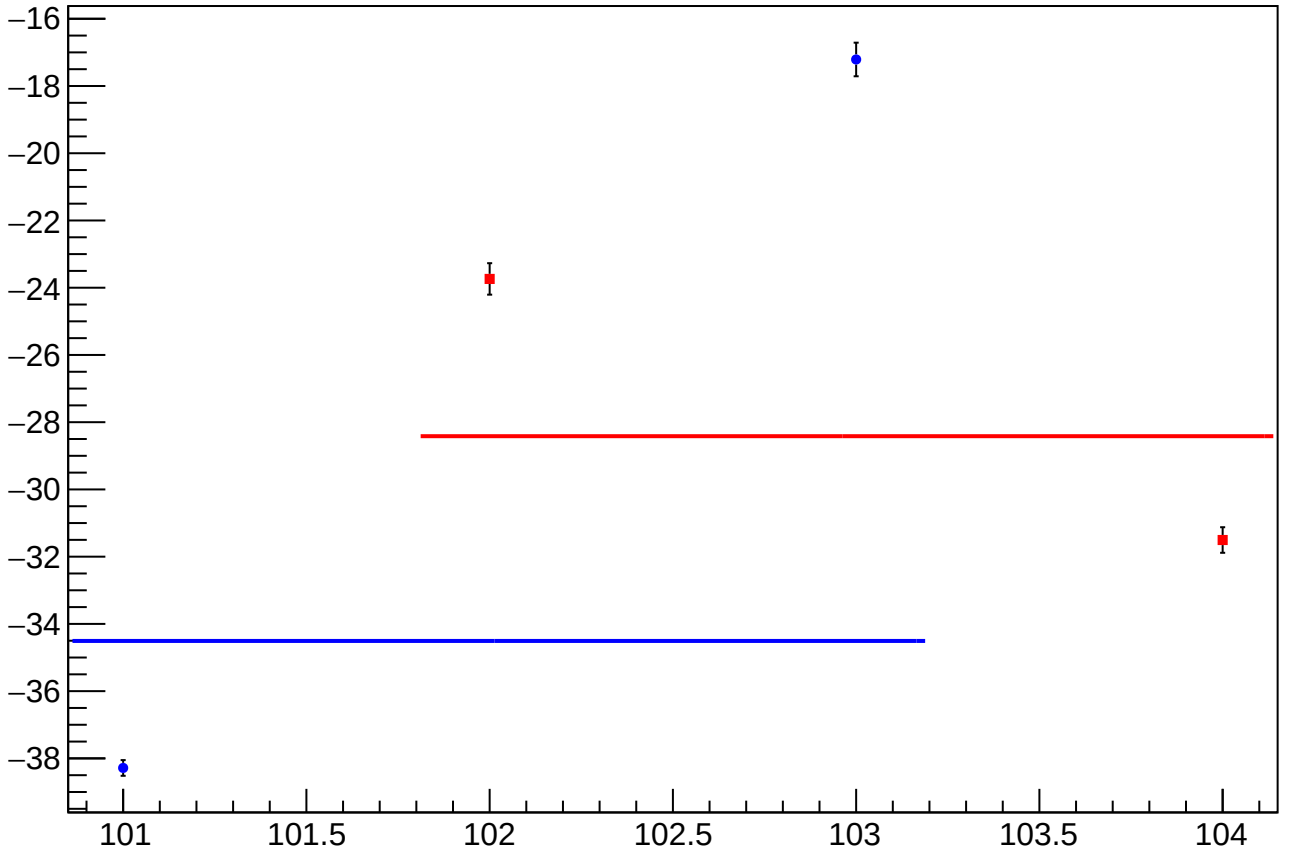
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -3.012+/-0.302 χ^2/NDF: 377.1/3

In: -6.516+/-0.391 χ^2/NDF:132.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -3.012+/-0.302 χ^2/NDF: 377.1/3



Right In: -34.507+/-0.212 χ^2/NDF: 1458.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -28.416+/-0.295 χ^2/NDF: 165.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

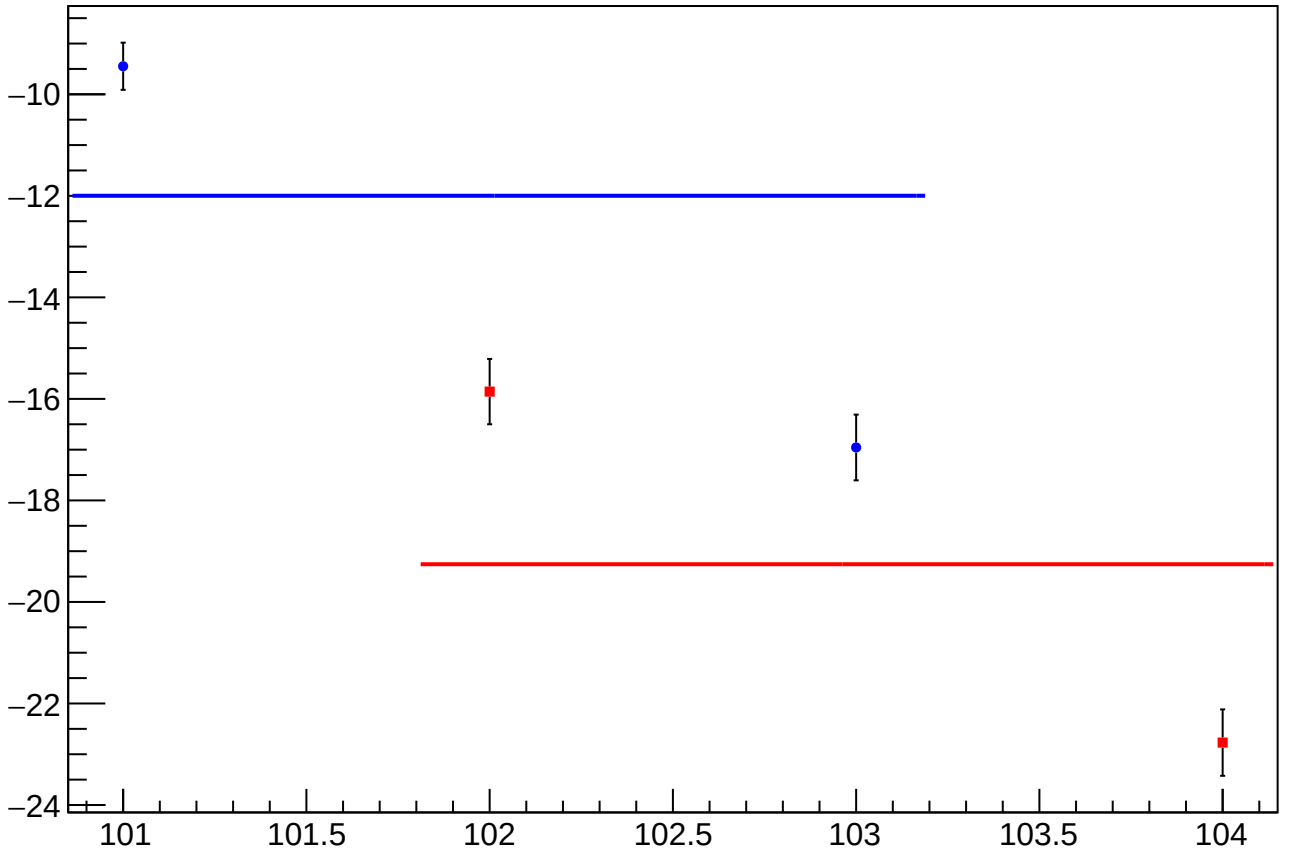
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -32.439+/-0.172 χ^2/NDF: 1905.9/3

In: -34.507+/-0.212 χ^2/NDF:1458.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -32.439+/-0.172 χ^2/NDF: 1905.9/3



Right In: -11.998+/-0.377 χ^2/NDF: 88.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.257+/-0.459 χ^2/NDF: 56.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

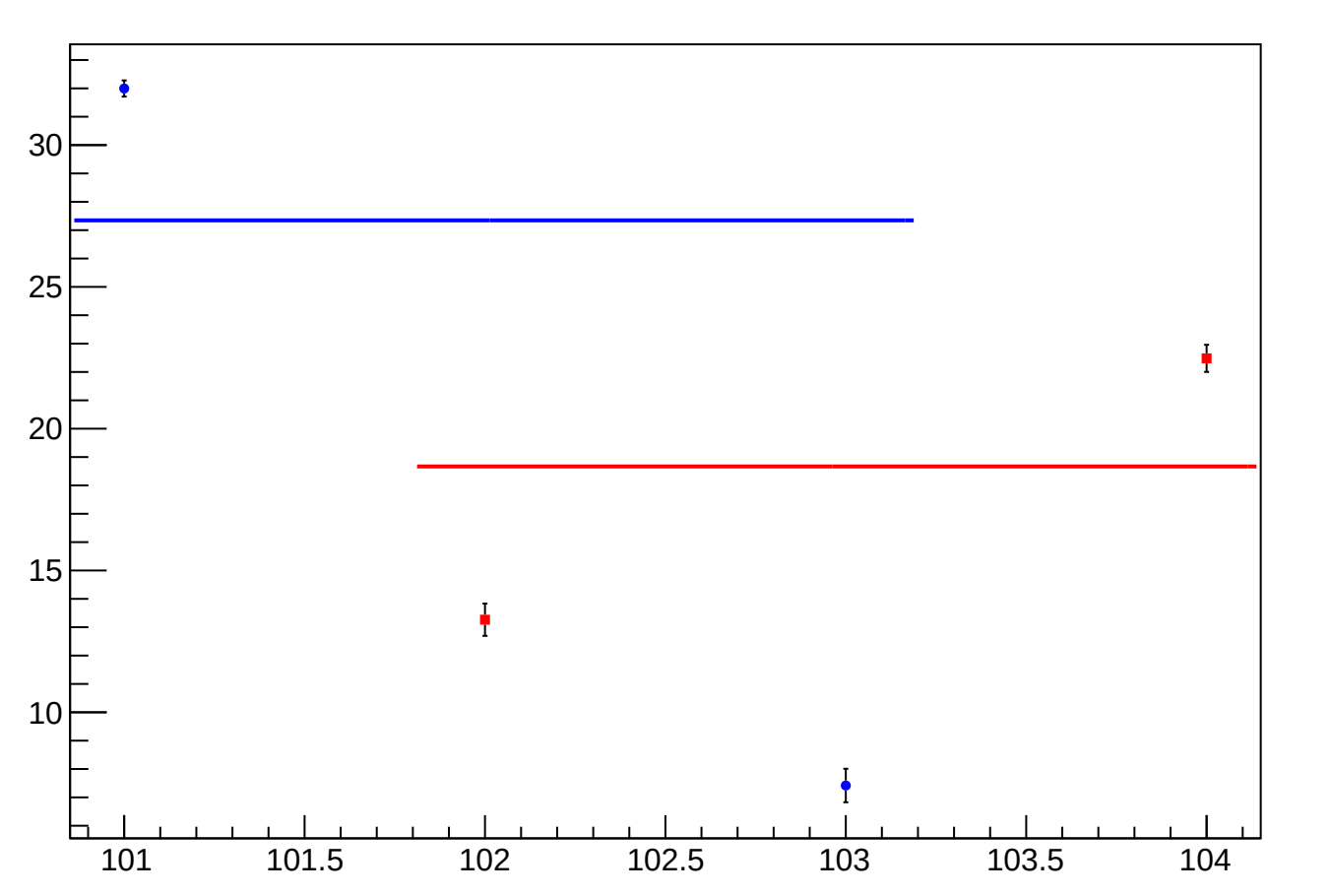
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.928+/-0.291 χ^2/NDF: 294.9/3

In: -11.998+/-0.377 χ^2/NDF:88.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.928+/-0.291 χ^2/NDF: 294.9/3



Right In: 27.345+/-0.257 χ^2/NDF: 1404.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 18.668+/-0.366 χ^2/NDF: 153.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

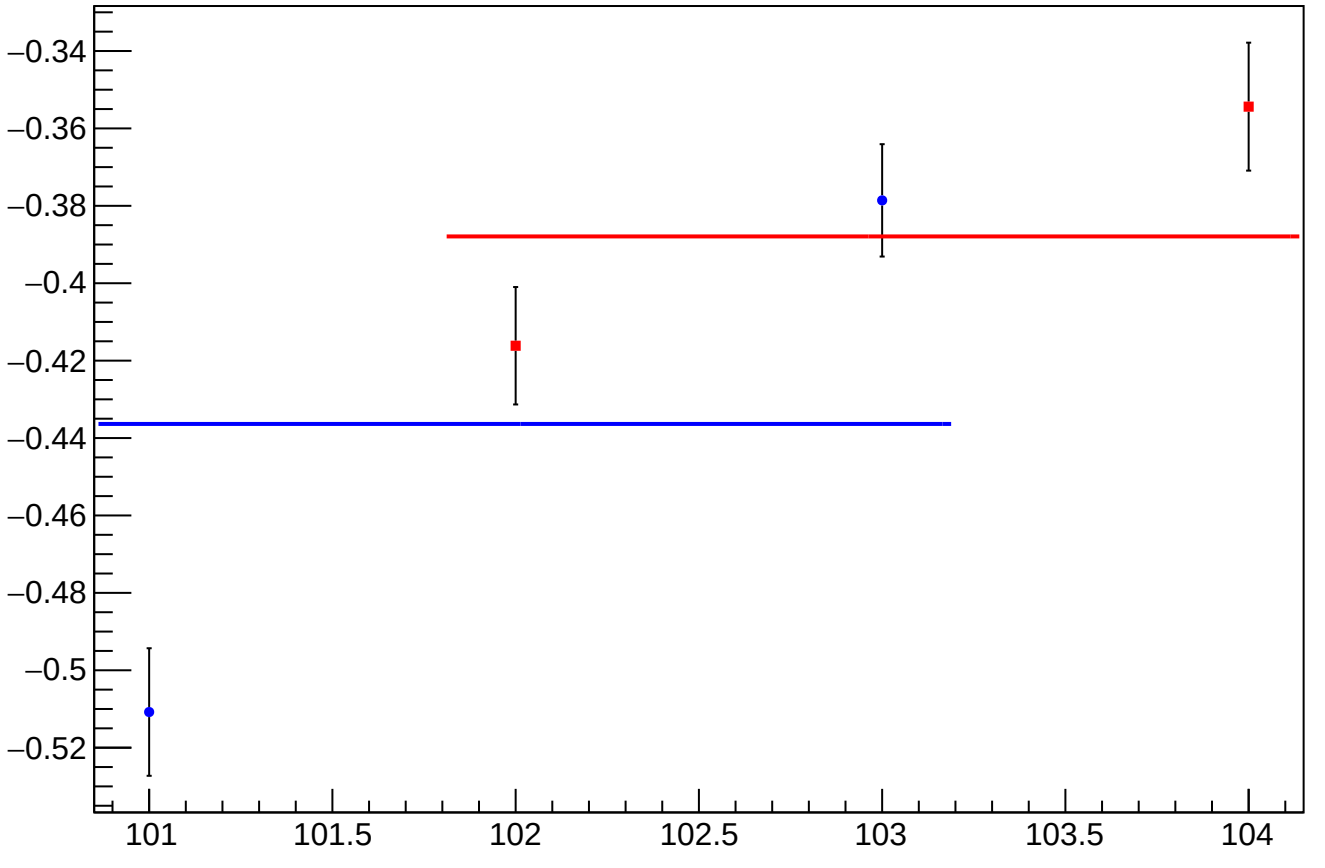
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 24.483+/-0.210 χ^2/NDF: 1934.5/3

In: 27.345+/-0.257 χ^2/NDF:1404.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 24.483+/-0.210 χ^2/NDF: 1934.5/3



Right In: -0.436+/-0.011 χ^2/NDF: 36.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.388+/-0.011 χ^2/NDF: 7.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

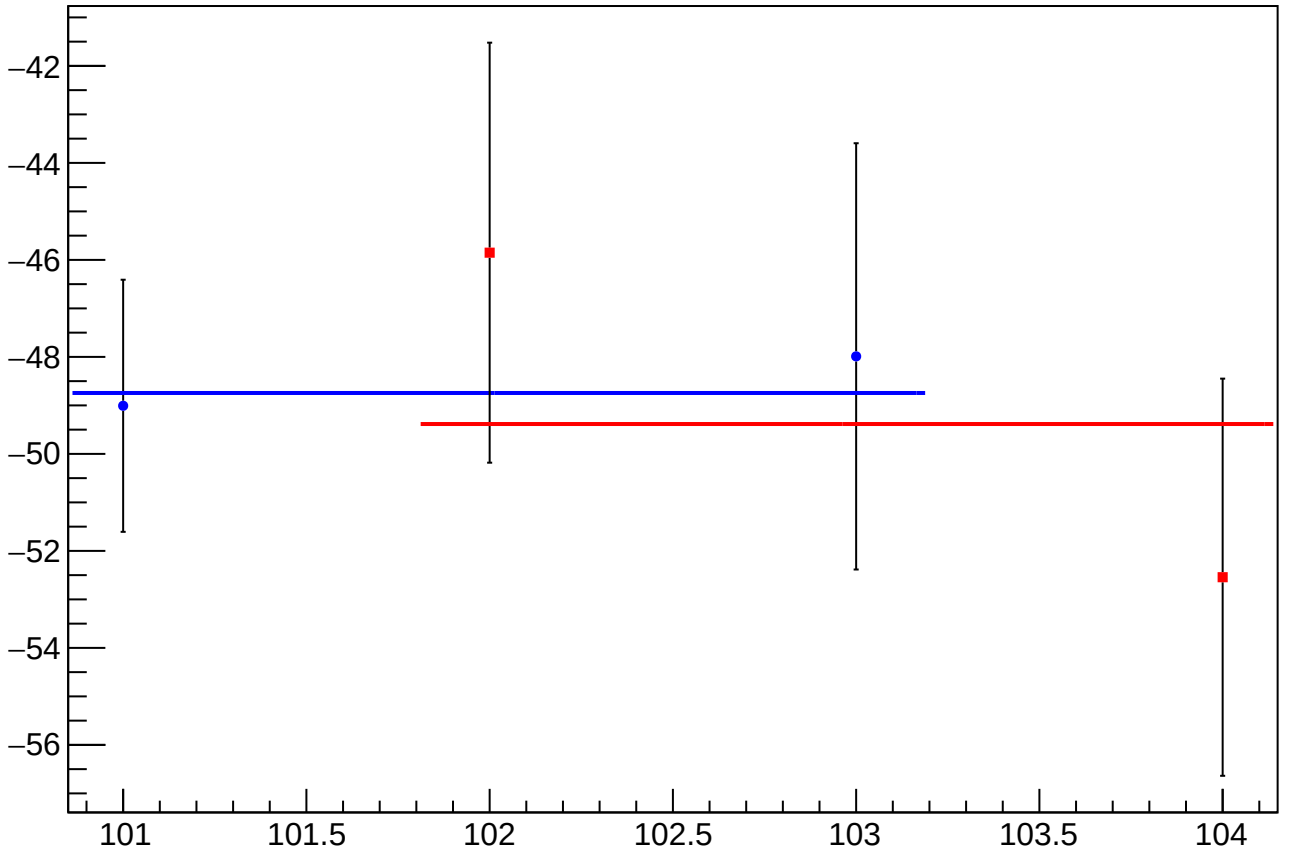
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.413+/-0.008 χ^2/NDF: 53.5/3

In: -0.436+/-0.011 χ^2/NDF:36.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.413+/-0.008 χ^2/NDF: 53.5/3



Right In: -48.744+/-2.237 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -49.384+/-2.975 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

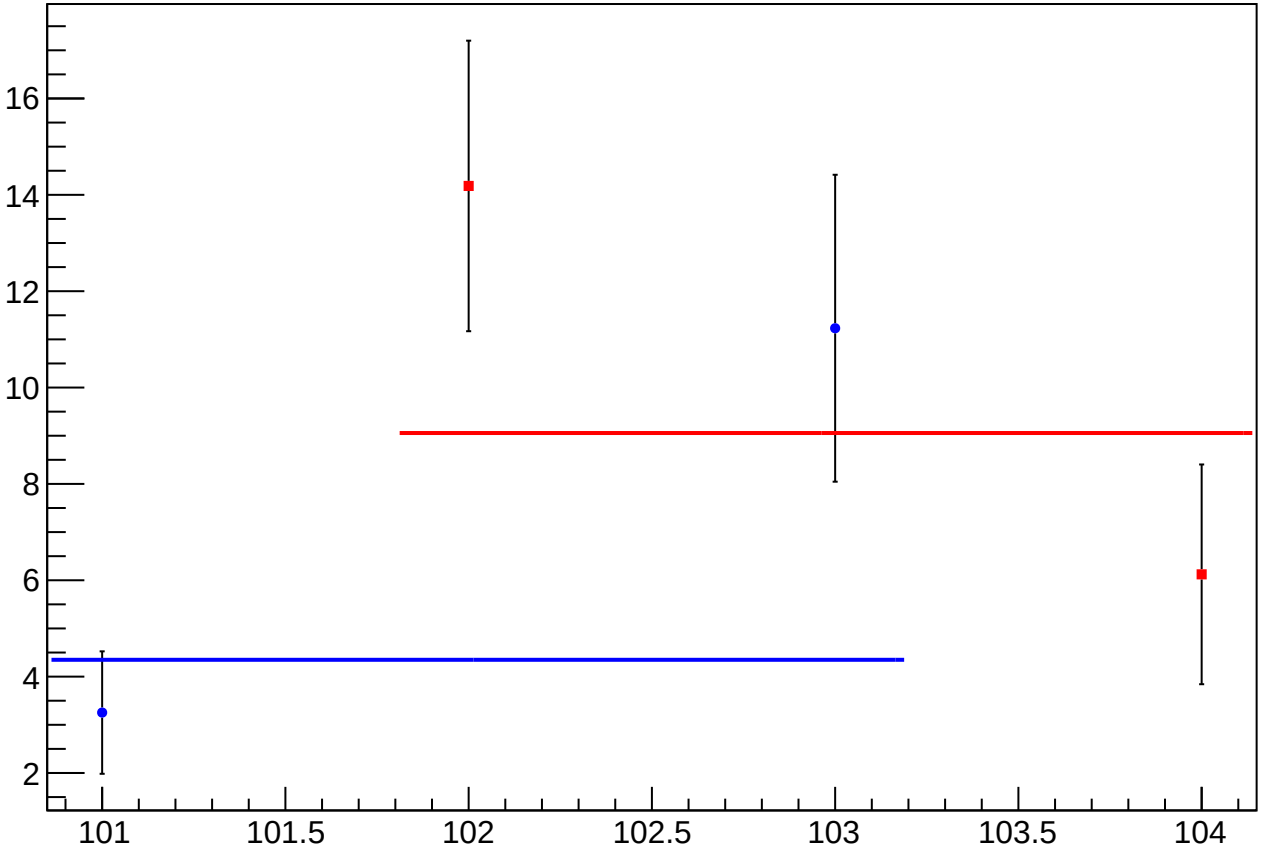
Right: -48.975+/-1.788 χ^2/NDF: 1.3/3

In: -48.744+/-2.237 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -48.975+/-1.788 χ^2/NDF: 1.3/3

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.349+/-1.180 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.056+/-1.819 χ^2/NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

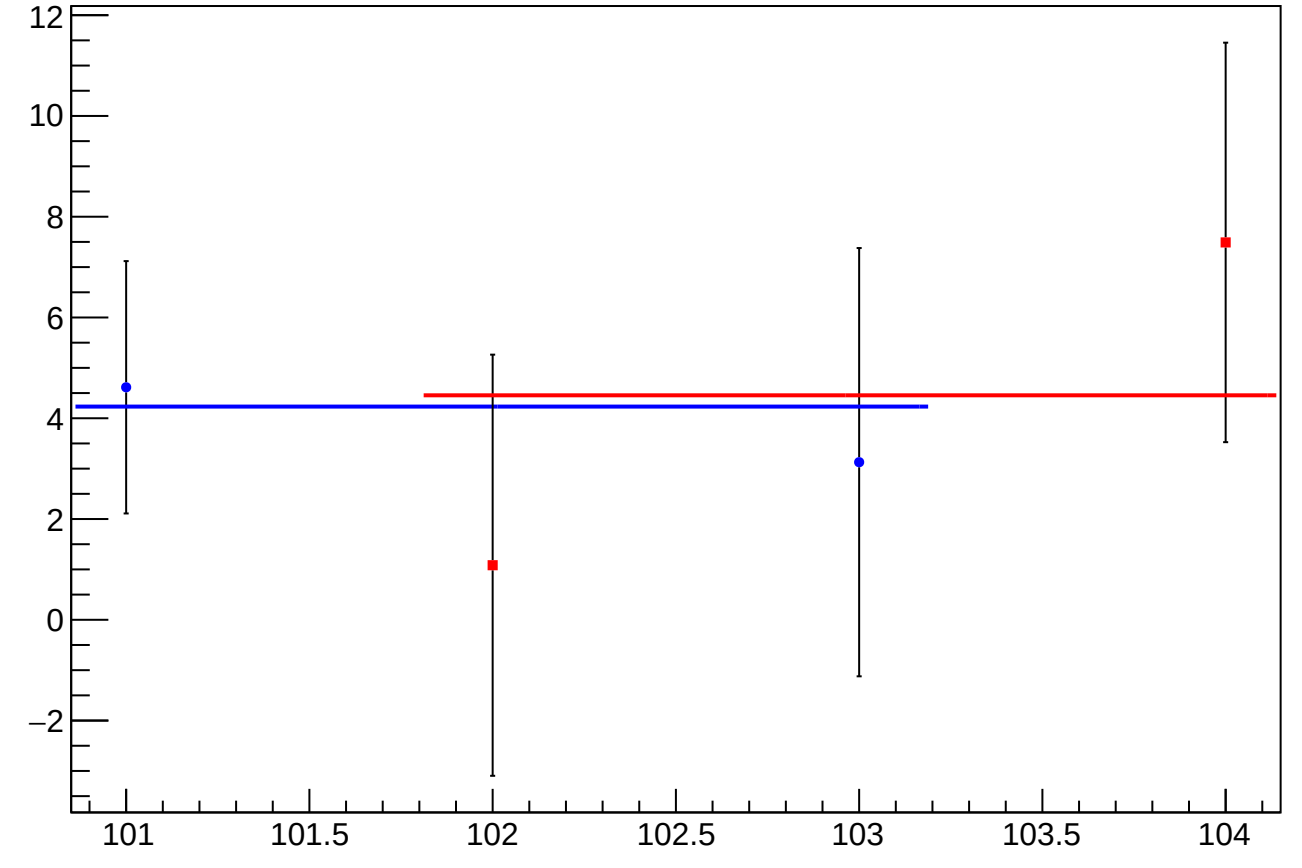
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.744+/-0.990 χ^2/NDF: 14.7/3

In: 4.349+/-1.180 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.744+/-0.990 χ^2/NDF: 14.7/3



Right In: 4.232+/-2.158 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.455+/-2.876 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

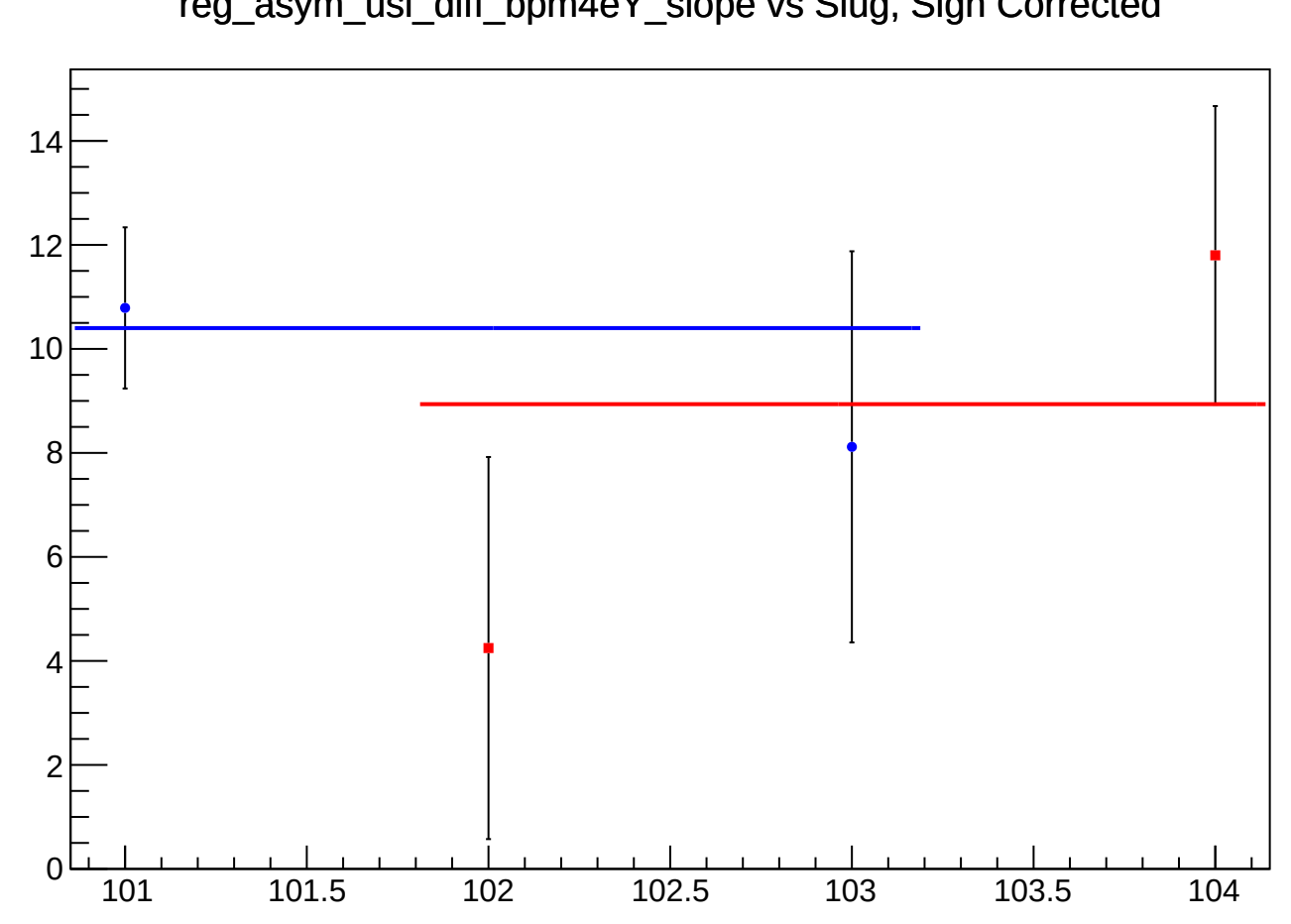
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.312+/-1.726 χ^2/NDF: 1.3/3

In: 4.232+/-2.158 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.312+/-1.726 χ^2/NDF: 1.3/3



Right In: 10.401+/-1.433 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.937+/-2.262 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

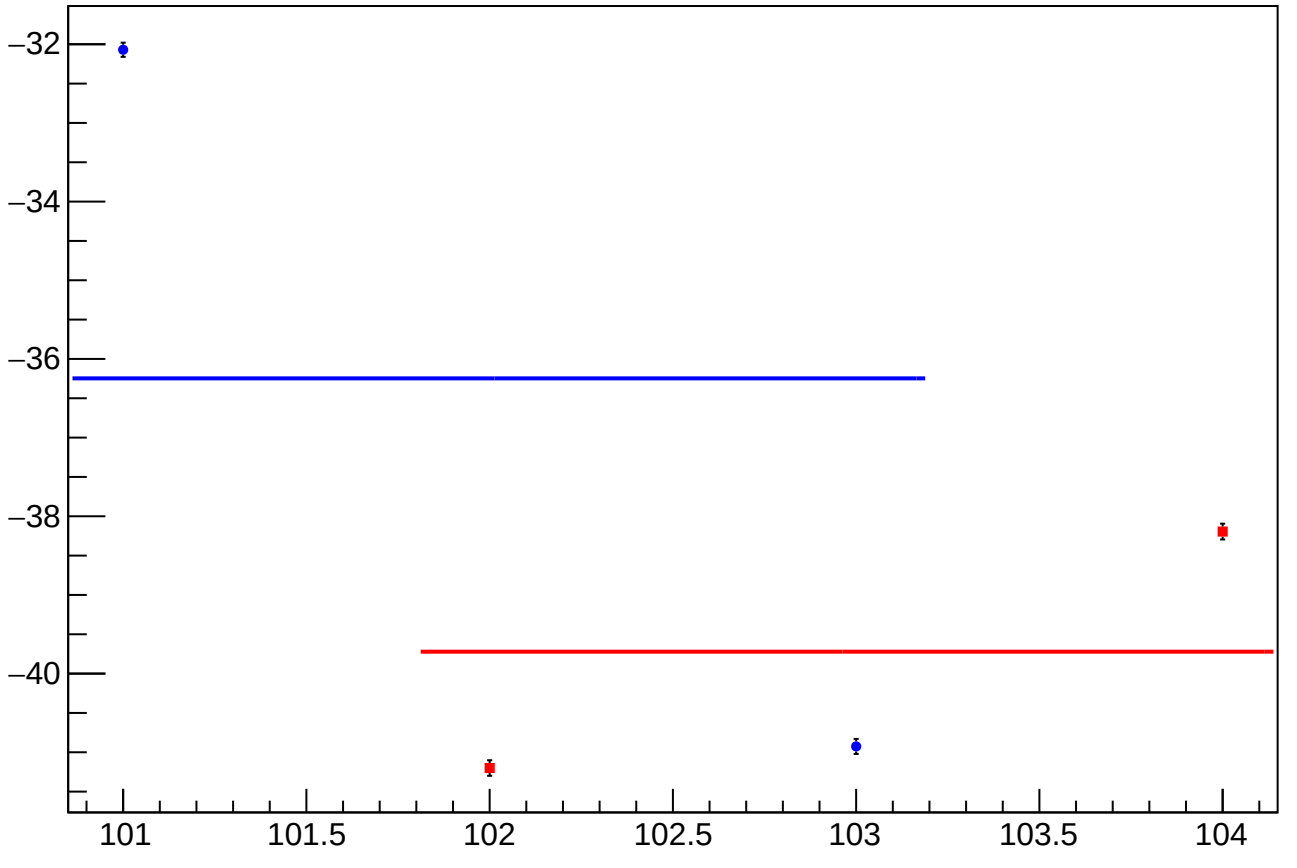
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 9.982+/-1.210 χ^2/NDF: 3.4/3

In: 10.401+/-1.433 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.982+/-1.210 χ^2/NDF: 3.4/3



Right In: -36.247+/-0.065 χ^2/NDF: 4558.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -39.721+/-0.070 χ^2/NDF: 454.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

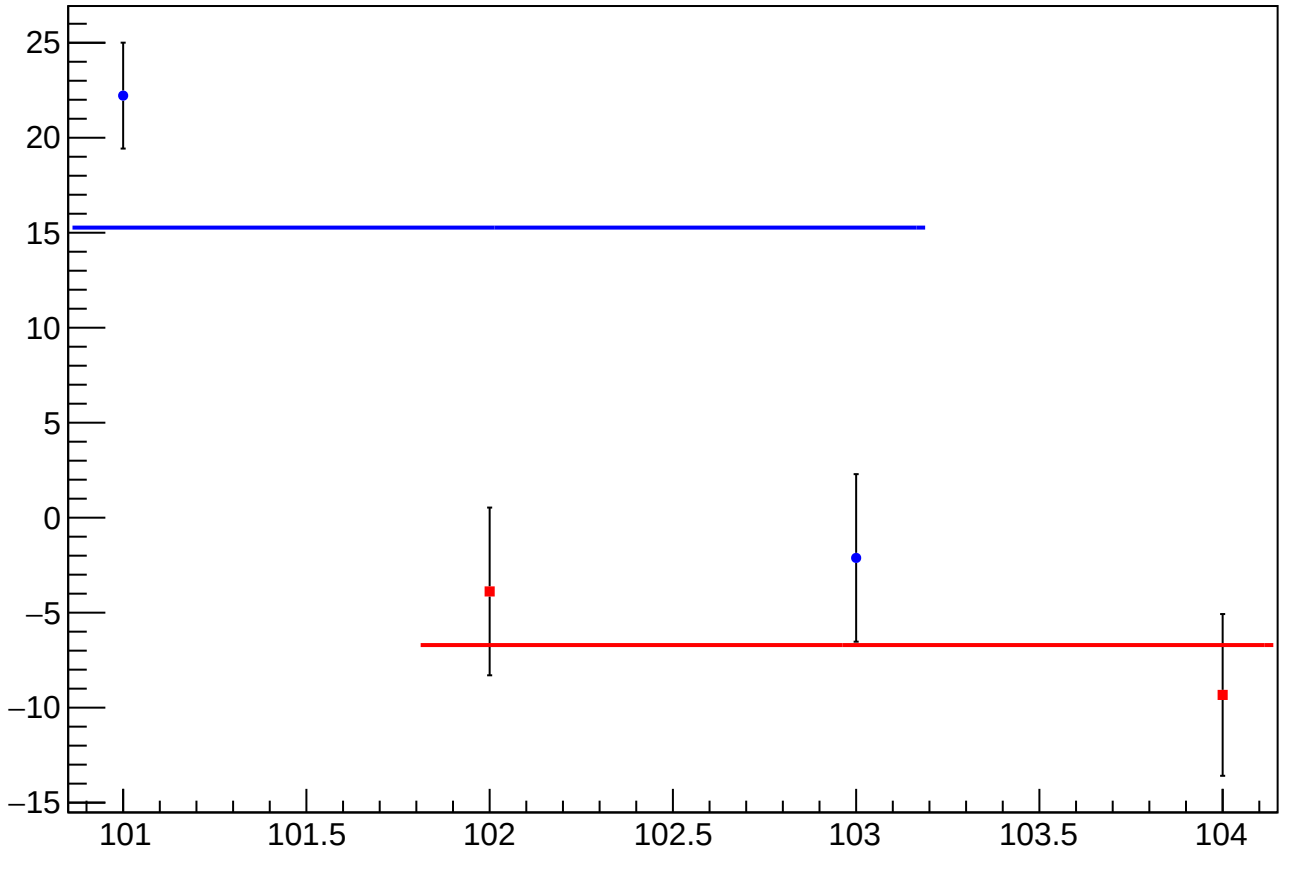
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -37.857+/-0.048 χ^2/NDF: 6317.9/3

In: -36.247+/-0.065 χ^2/NDF:4558.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -37.857+/-0.048 χ^2/NDF: 6317.9/3



Right In: 15.270+/-2.356 χ^2/NDF: 21.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -6.705+/-3.065 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

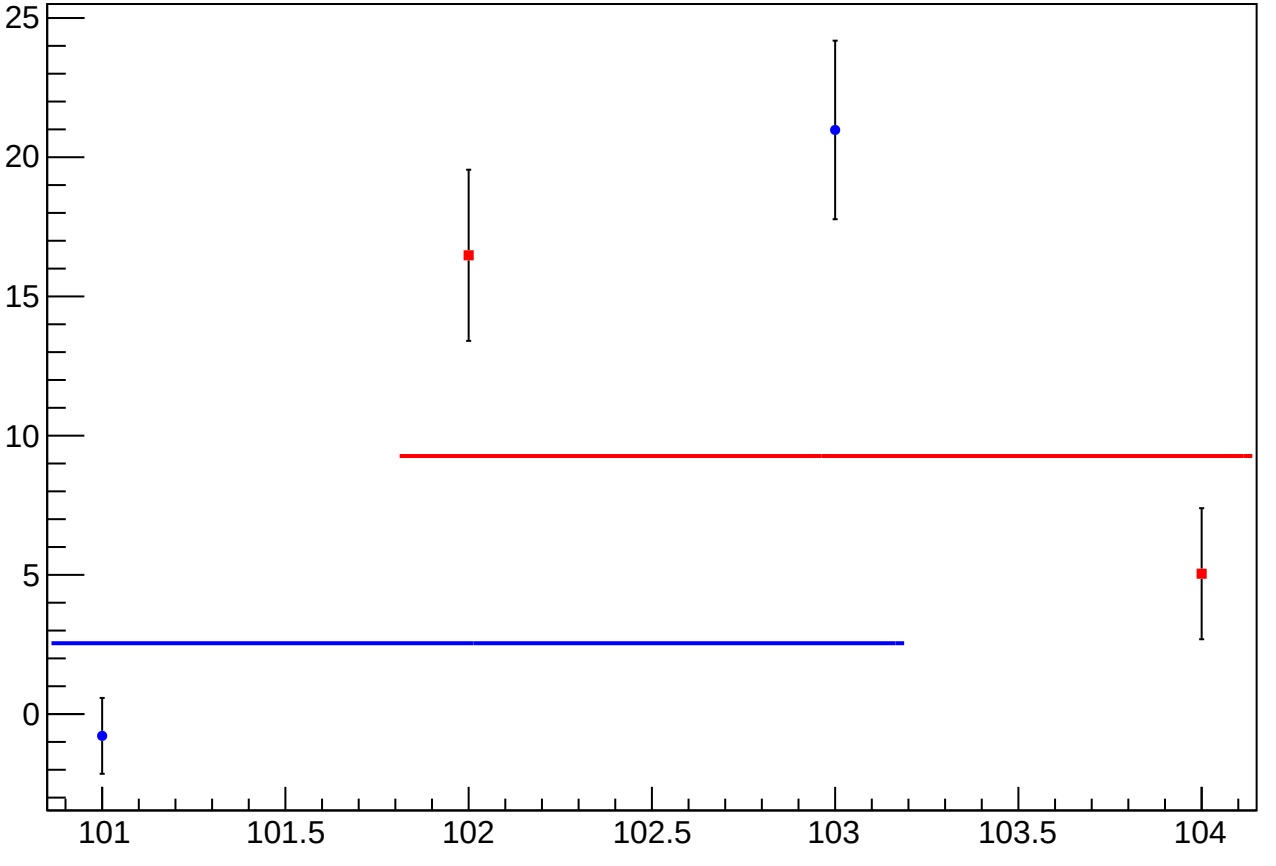
Right: 7.106+/-1.868 χ^2/NDF: 54.9/3

In: 15.270+/-2.356 χ^2/NDF:21.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.106+/-1.868 χ^2/NDF: 54.9/3

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.545+/-1.254 χ^2/NDF: 39.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.269+/-1.869 χ^2/NDF: 8.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

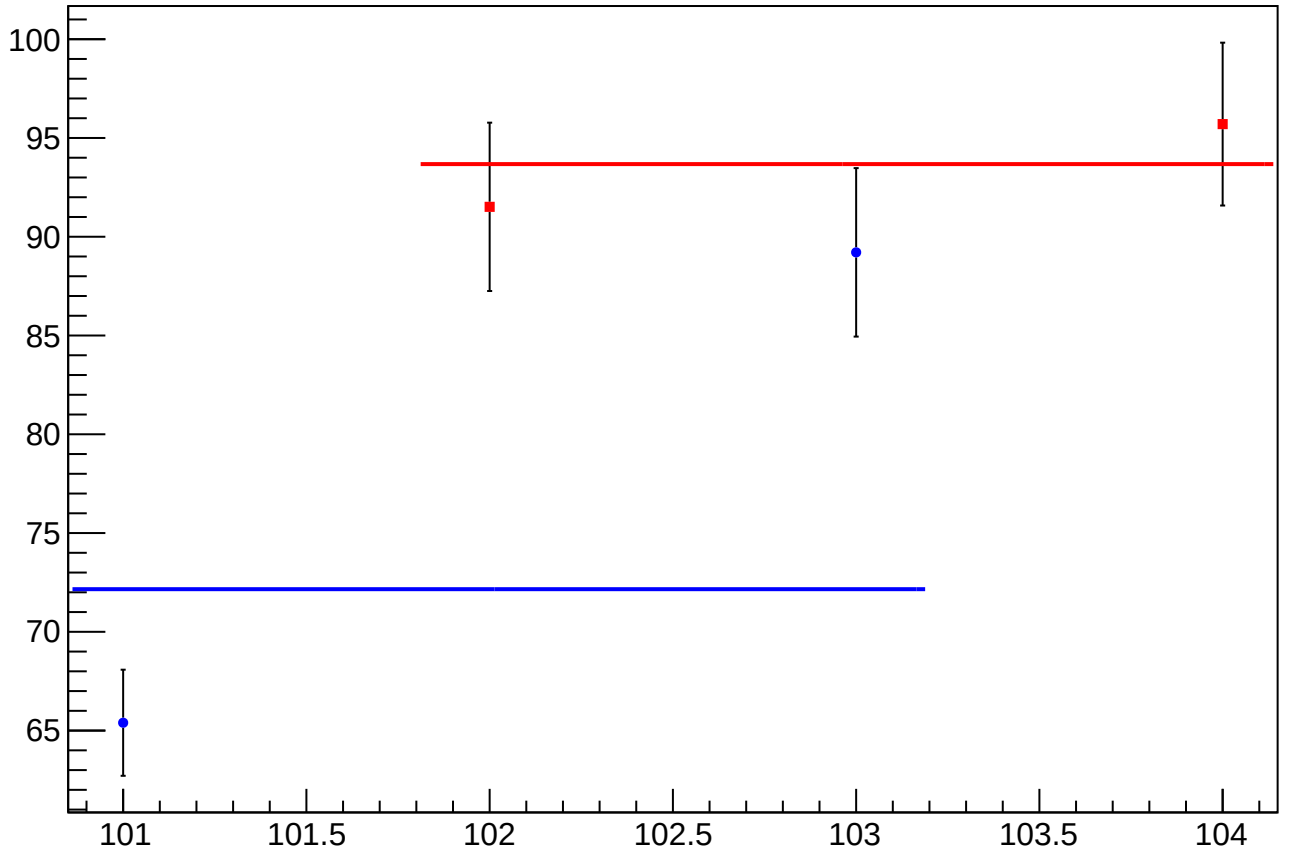
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.633+/-1.041 χ^2/NDF: 56.7/3

In: 2.545+/-1.254 χ^2/NDF:39.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.633+/-1.041 χ^2/NDF: 56.7/3



Right In: 72.158+/-2.273 χ^2/NDF: 22.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 93.678+/-2.963 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

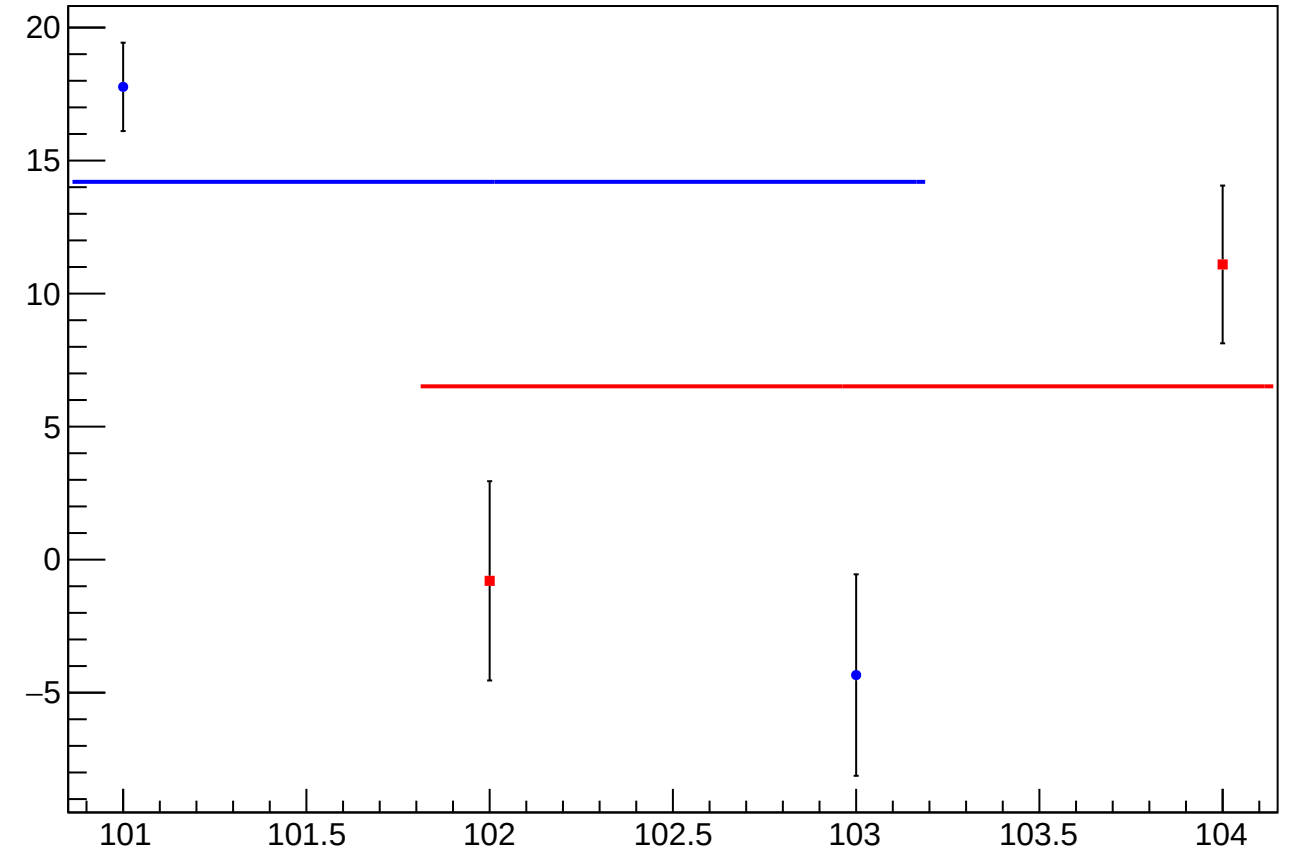
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 80.130+/-1.803 χ^2/NDF: 56.0/3

In: 72.158+/-2.273 χ^2/NDF:22.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 80.130+/-1.803 χ^2/NDF: 56.0/3



Right In: 14.201+/-1.521 χ^2/NDF: 28.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 6.515+/-2.325 χ^2/NDF: 6.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

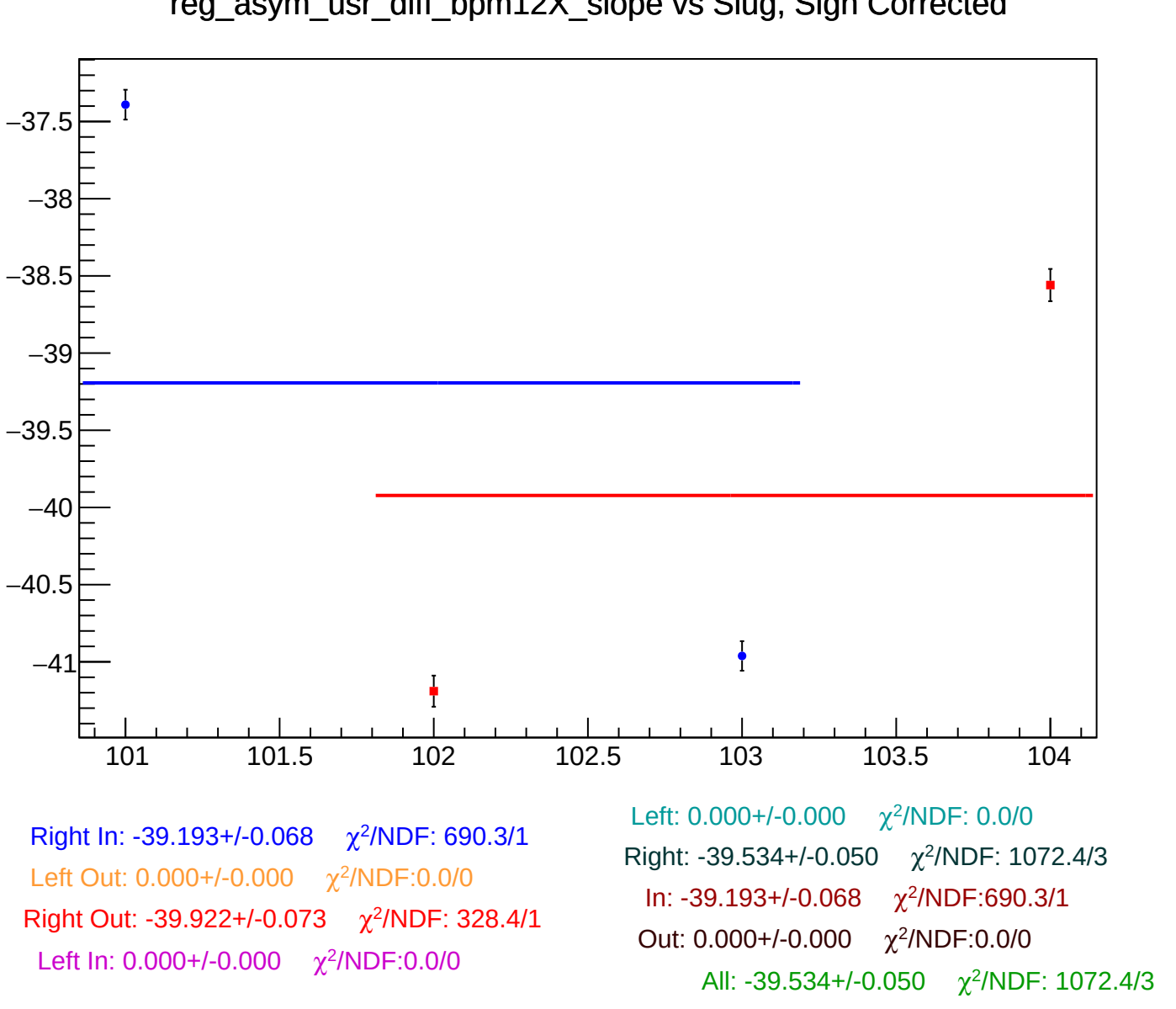
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

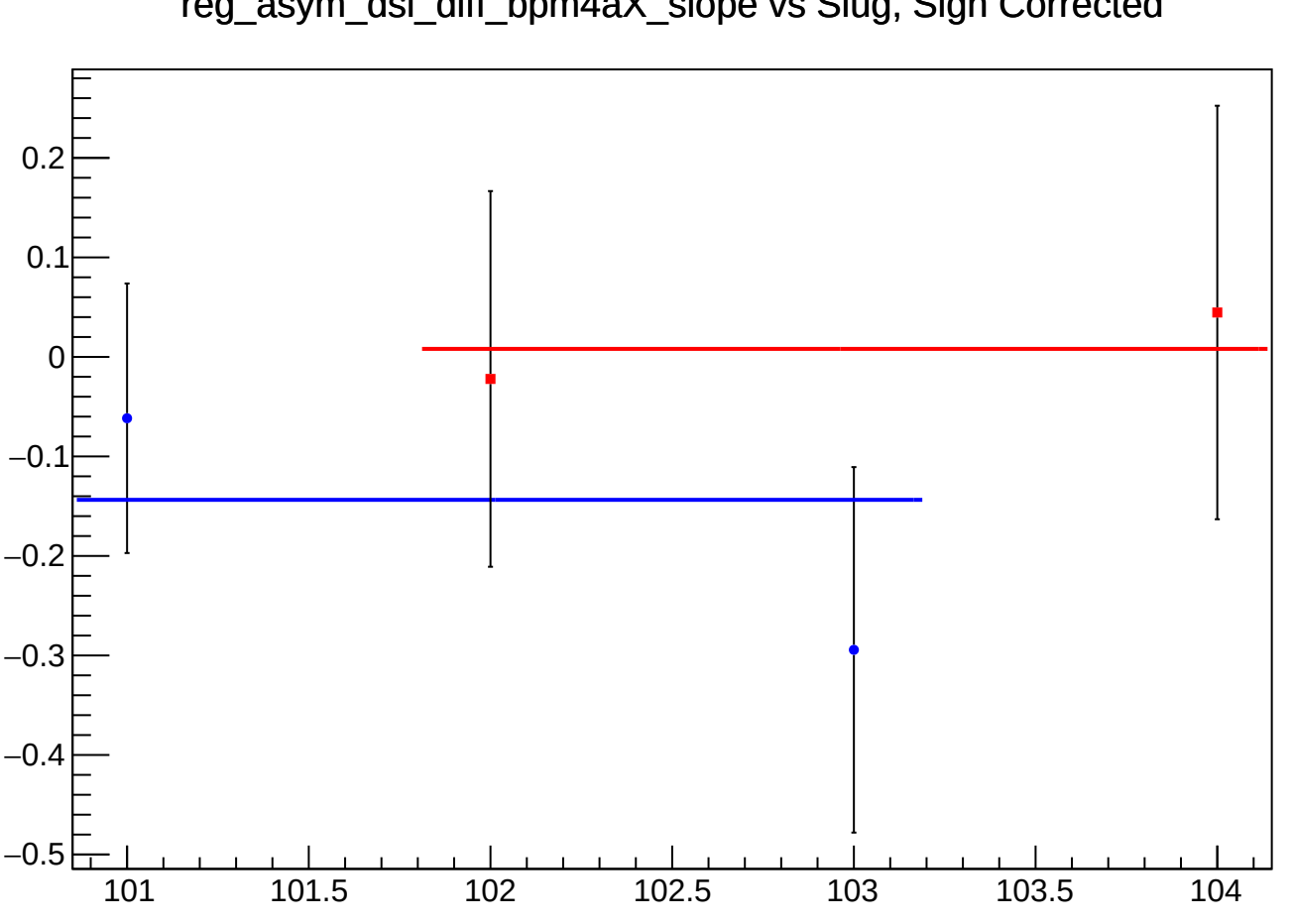
Right: 11.896+/-1.273 χ^2/NDF: 42.4/3

In: 14.201+/-1.521 χ^2/NDF:28.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.896+/-1.273 χ^2/NDF: 42.4/3


reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected
−37.5
−38
−38.5
−39
−39.5
−40
−40.5
−41
101
101.5
102
102.5
103
103.5
104
Right In: -39.193+/-0.068 χ2/NDF: 690.3/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -39.922+/-0.073 χ2/NDF: 328.4/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -39.534+/-0.050 χ2/NDF: 1072.4/3
In: -39.193+/-0.068 χ2/NDF:690.3/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -39.534+/-0.050 χ2/NDF: 1072.4/3



Right In: -0.144+/-0.109 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.008+/-0.140 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

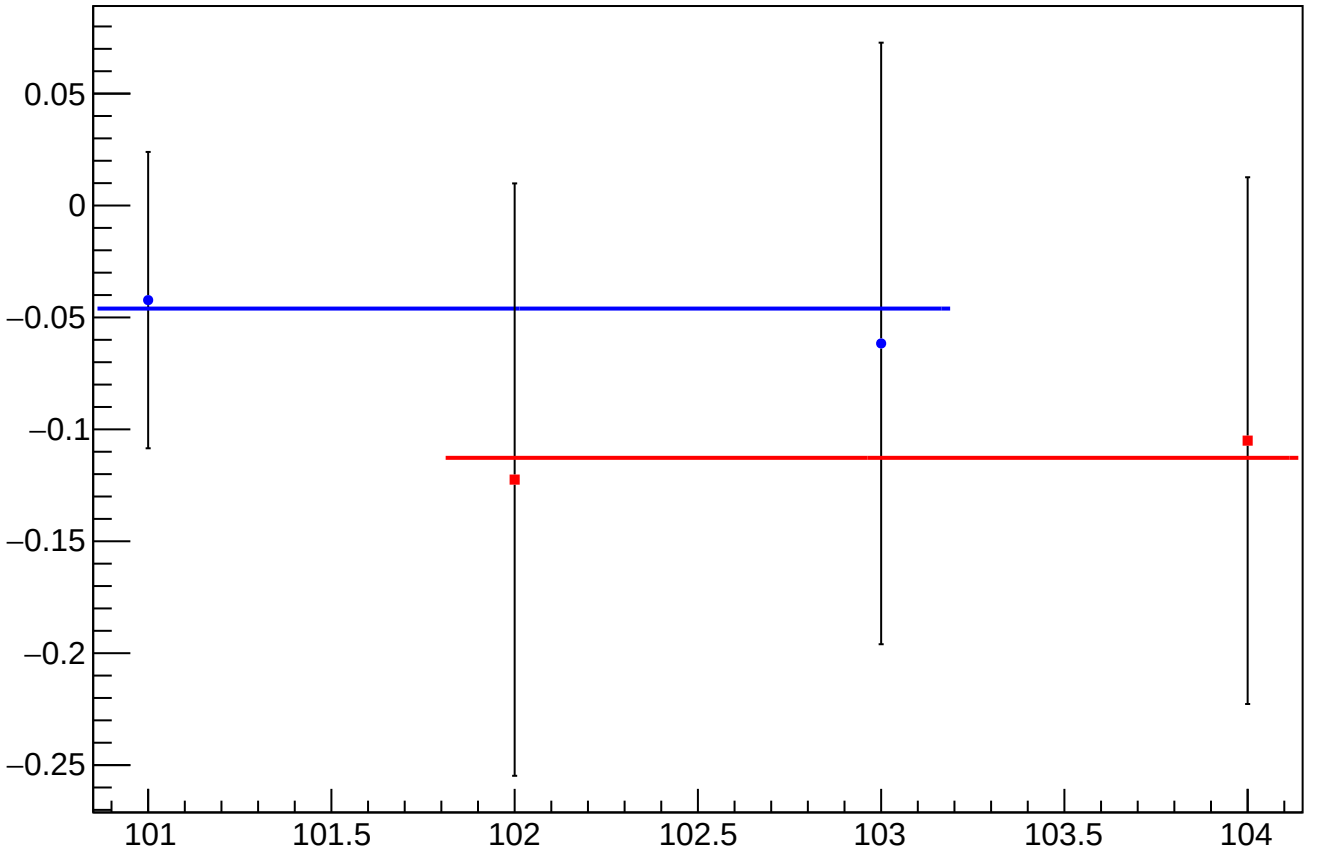
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.086+/-0.086 χ^2/NDF: 1.8/3

In: -0.144+/-0.109 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.086+/-0.086 χ^2/NDF: 1.8/3



Right In: -0.046+/-0.059 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.113+/-0.088 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

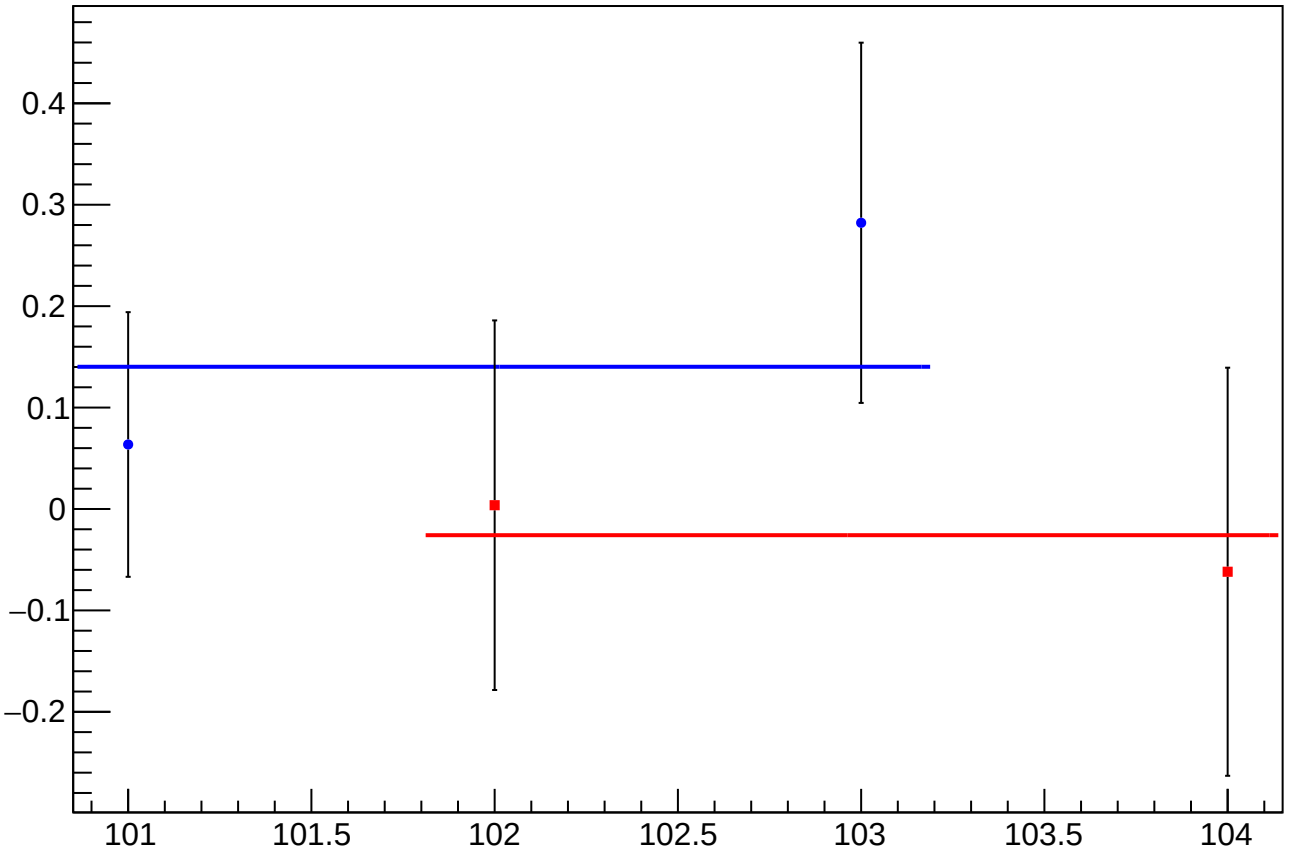
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.067+/-0.049 χ^2/NDF: 0.4/3

In: -0.046+/-0.059 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.067+/-0.049 χ^2/NDF: 0.4/3



Right In: 0.140+/-0.105 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.026+/-0.135 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

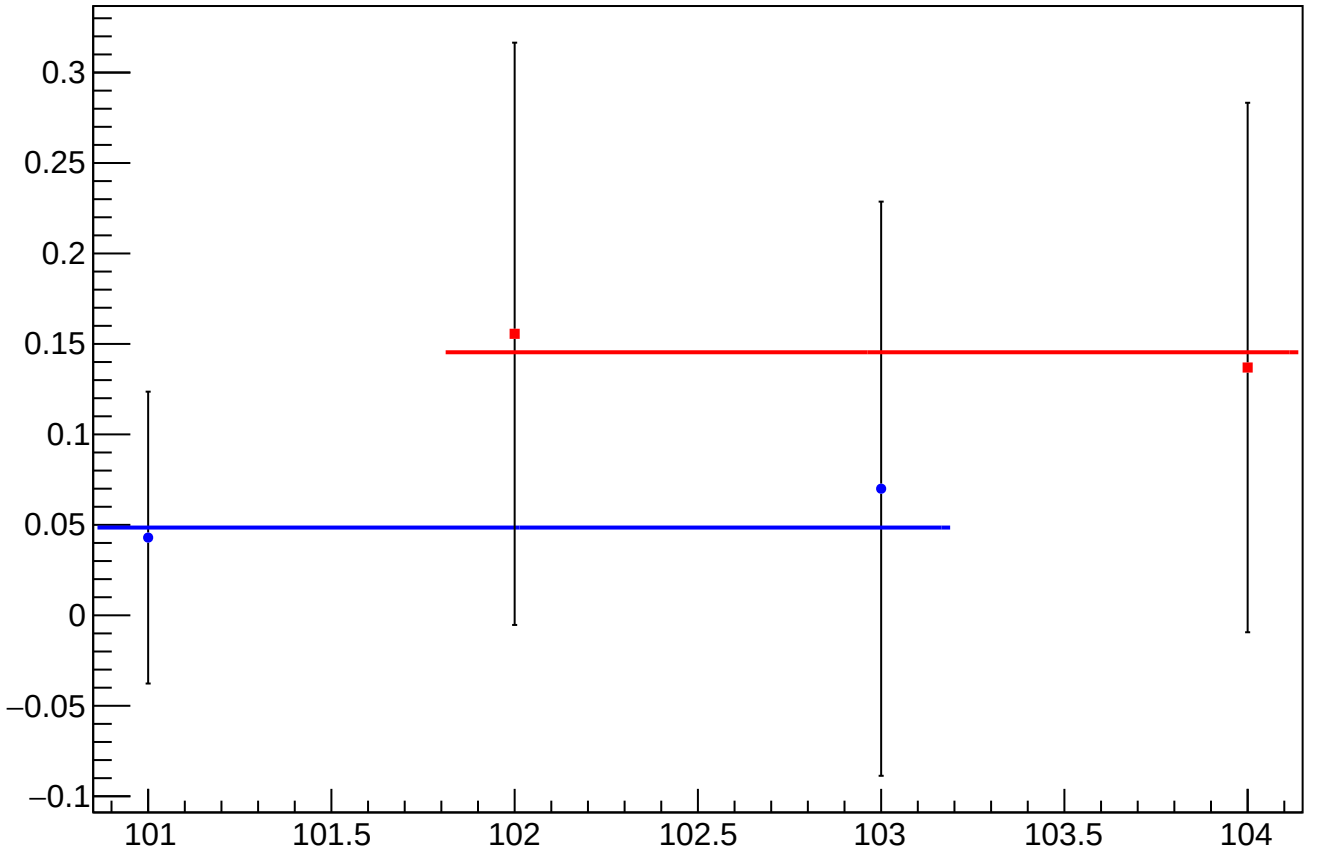
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.078+/-0.083 χ^2/NDF: 2.0/3

In: 0.140+/-0.105 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.078+/-0.083 χ^2/NDF: 2.0/3



Right In: 0.049+/-0.072 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.145+/-0.108 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

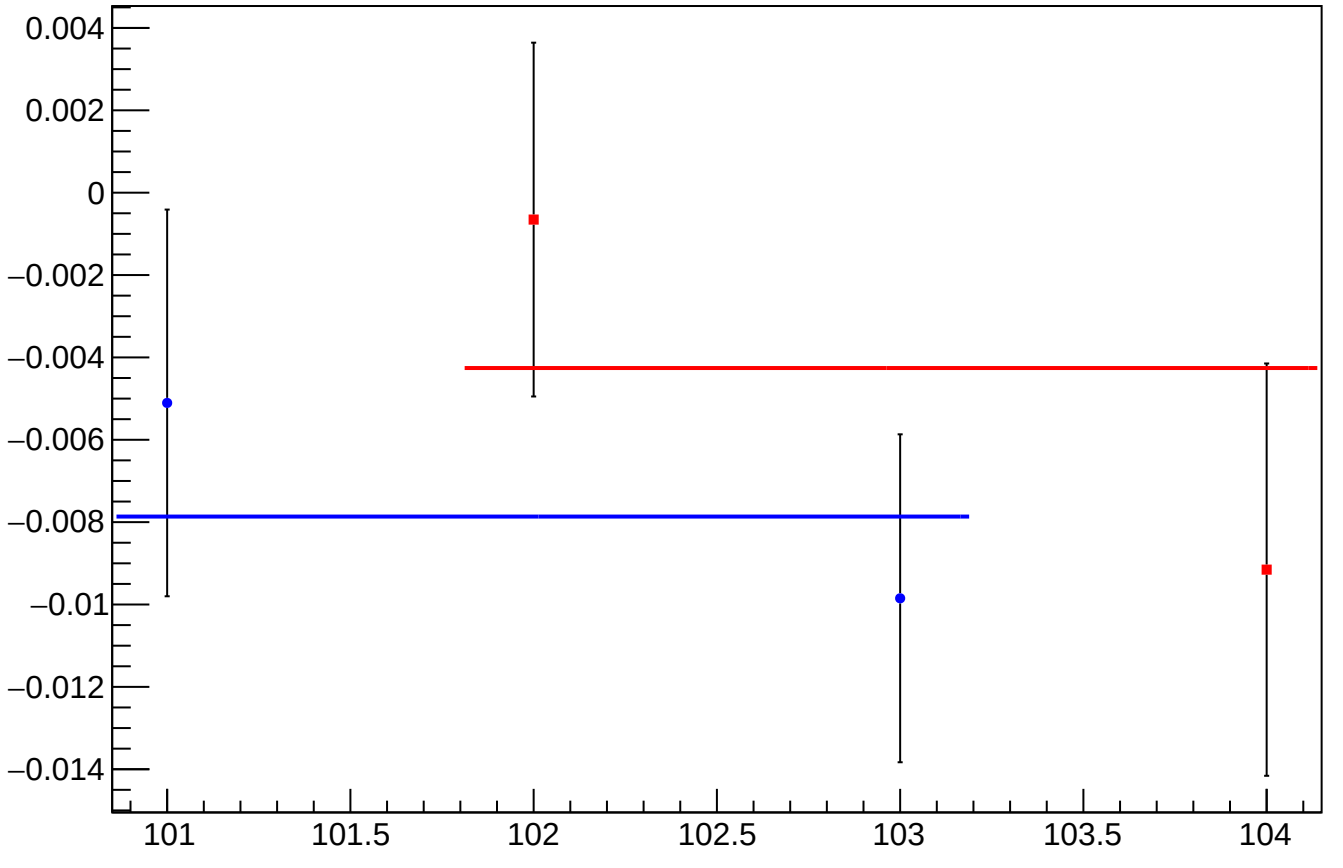
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.078+/-0.060 χ^2/NDF: 0.6/3

In: 0.049+/-0.072 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.078+/-0.060 χ^2/NDF: 0.6/3



Right In: -0.008+/-0.003 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.004+/-0.003 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

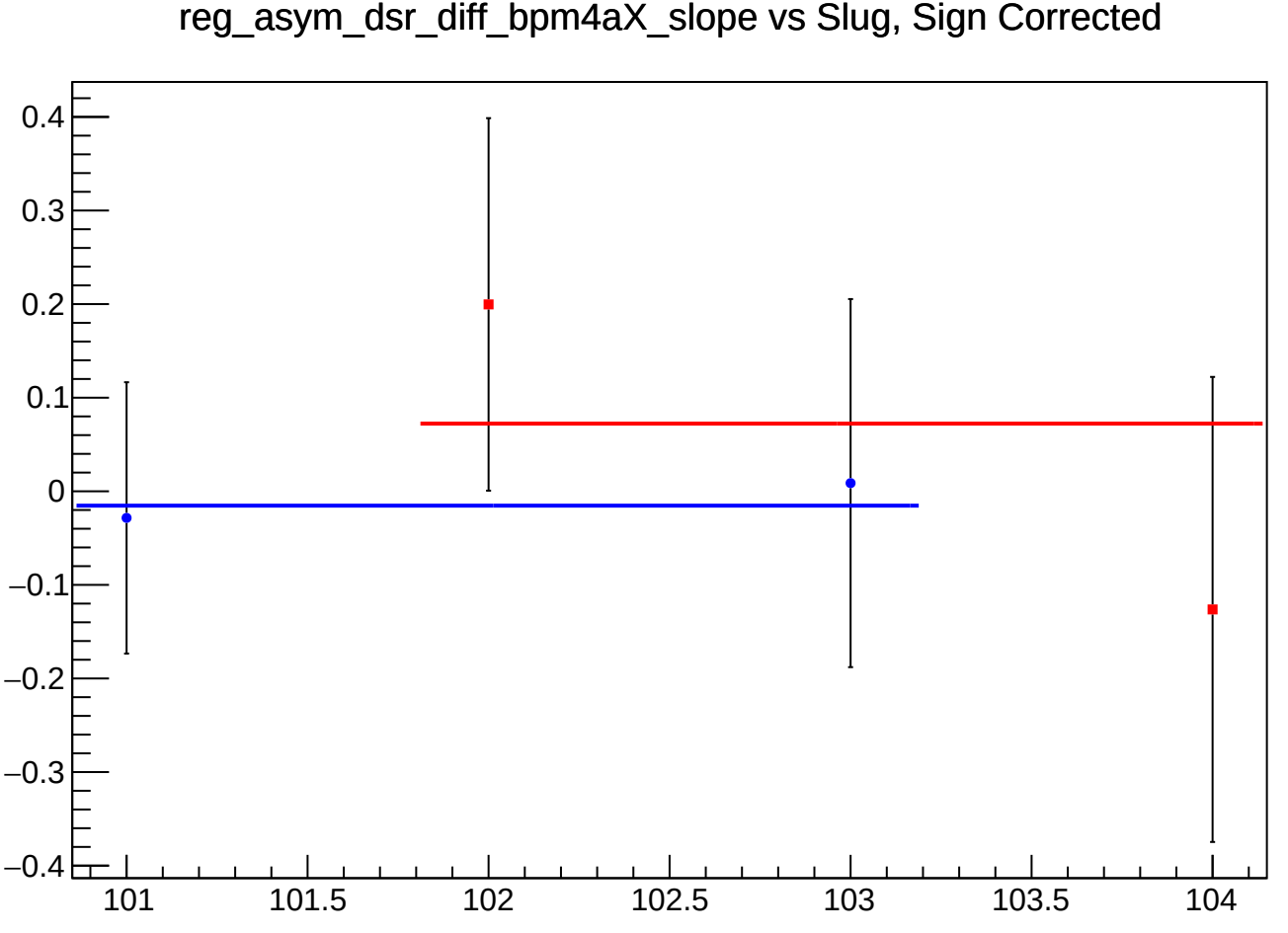
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.006+/-0.002 χ^2/NDF: 2.9/3

In: -0.008+/-0.003 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.006+/-0.002 χ^2/NDF: 2.9/3



Right In: -0.015+/-0.117 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.072+/-0.155 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

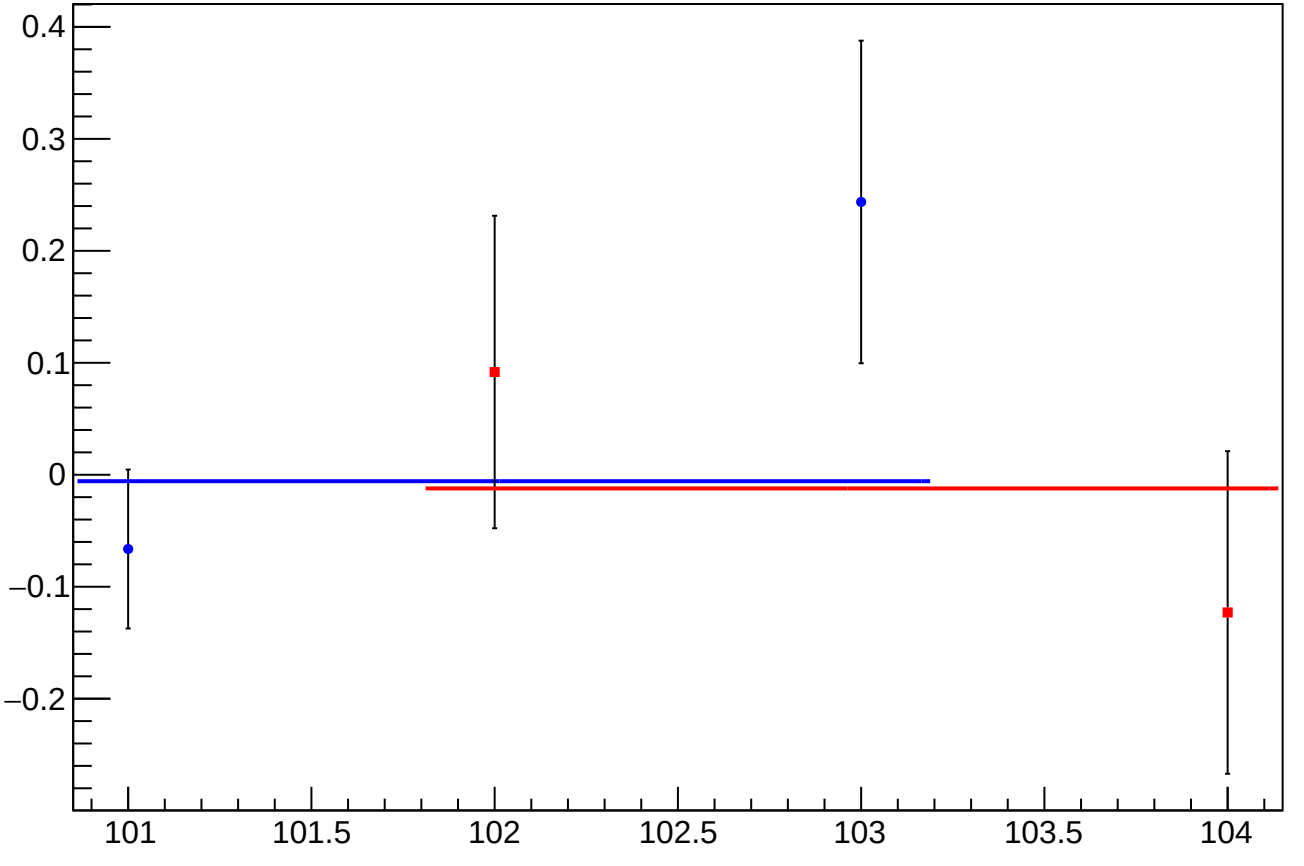
Right: 0.016+/-0.093 χ^2/NDF: 1.3/3

In: -0.015+/-0.117 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.016+/-0.093 χ^2/NDF: 1.3/3

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.064 χ^2/NDF: 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.012+/-0.100 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

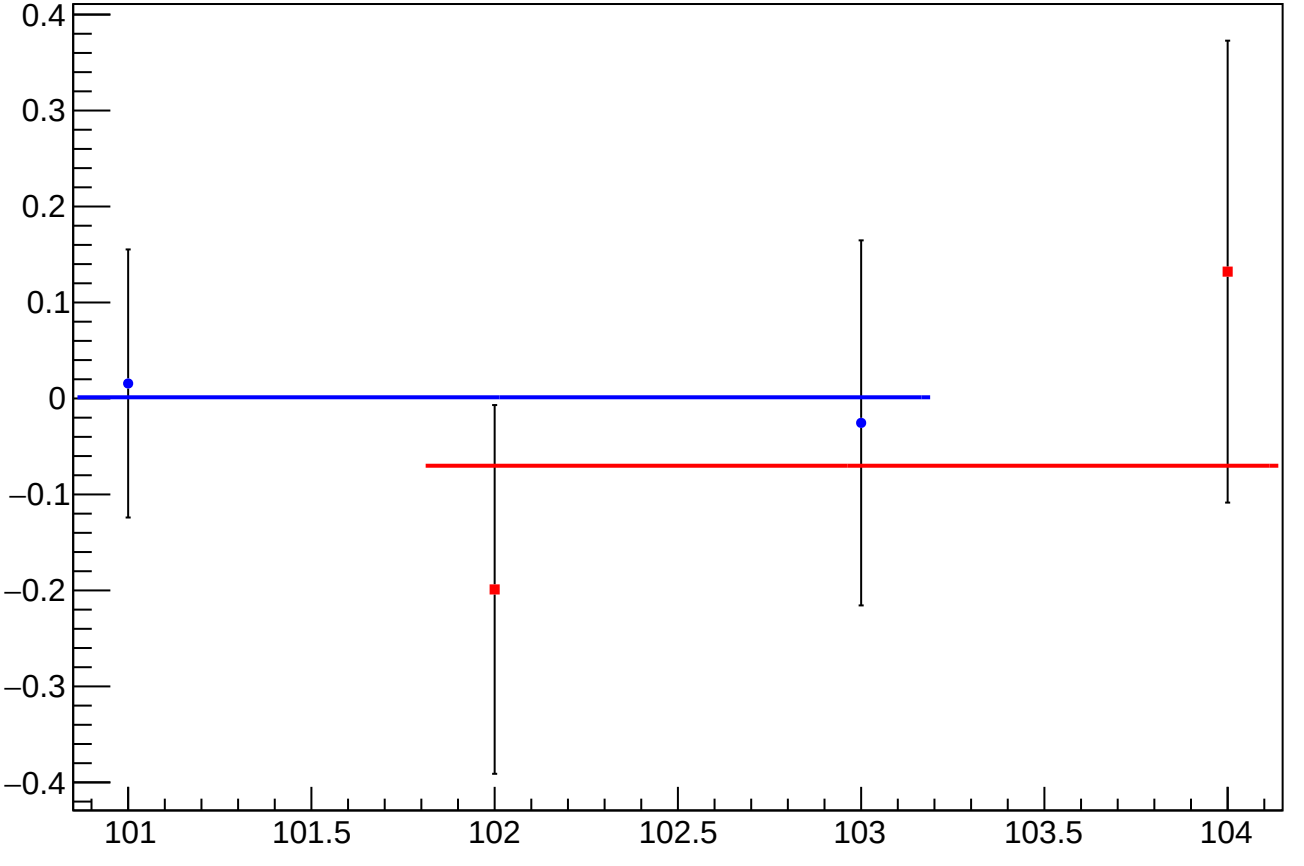
Right: -0.008+/-0.054 χ^2/NDF: 4.9/3

In: -0.006+/-0.064 χ^2/NDF:3.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.008+/-0.054 χ^2/NDF: 4.9/3

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.113 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.070+/-0.150 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

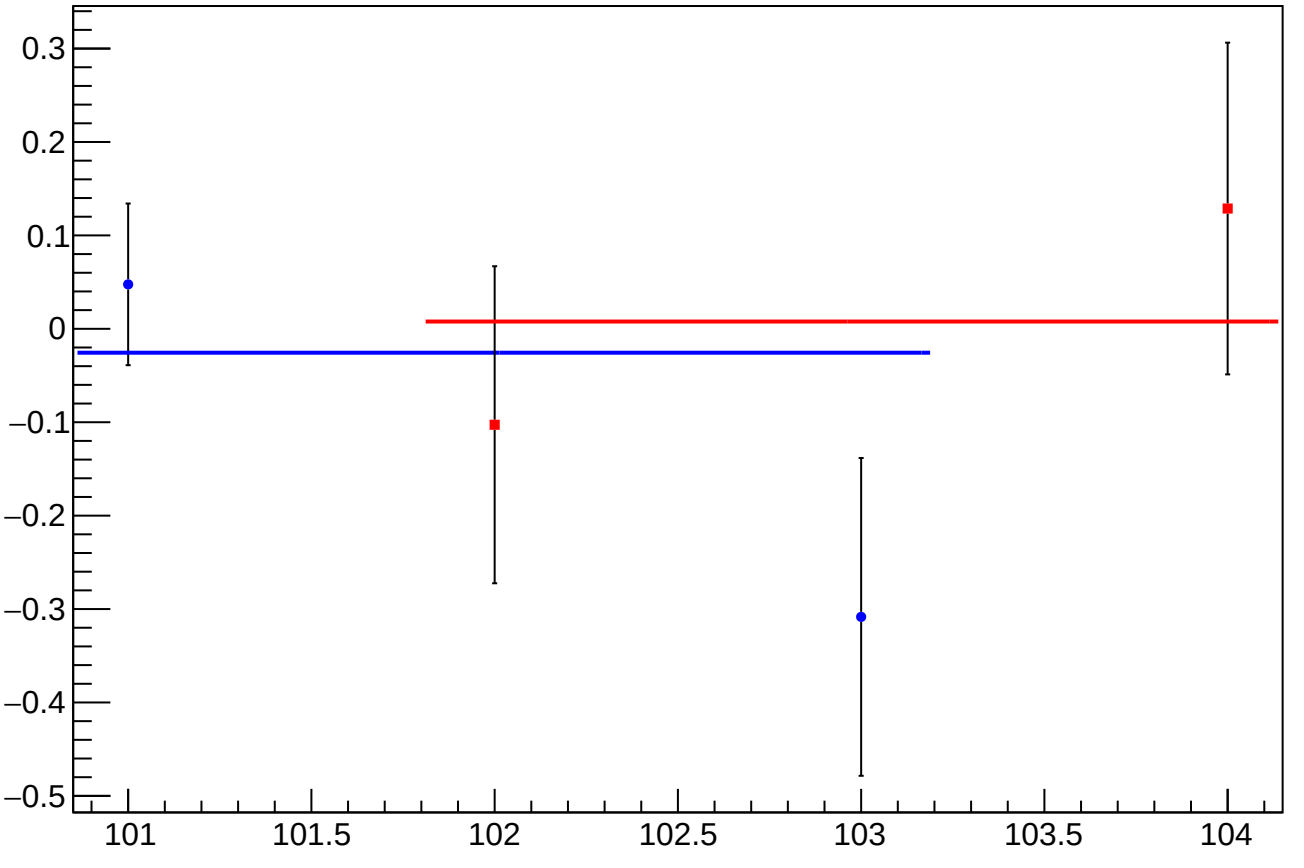
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.024+/-0.090 χ^2/NDF: 1.3/3

In: 0.001+/-0.113 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.024+/-0.090 χ^2/NDF: 1.3/3



Right In: -0.026+/-0.077 χ^2/NDF: 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.008+/-0.123 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

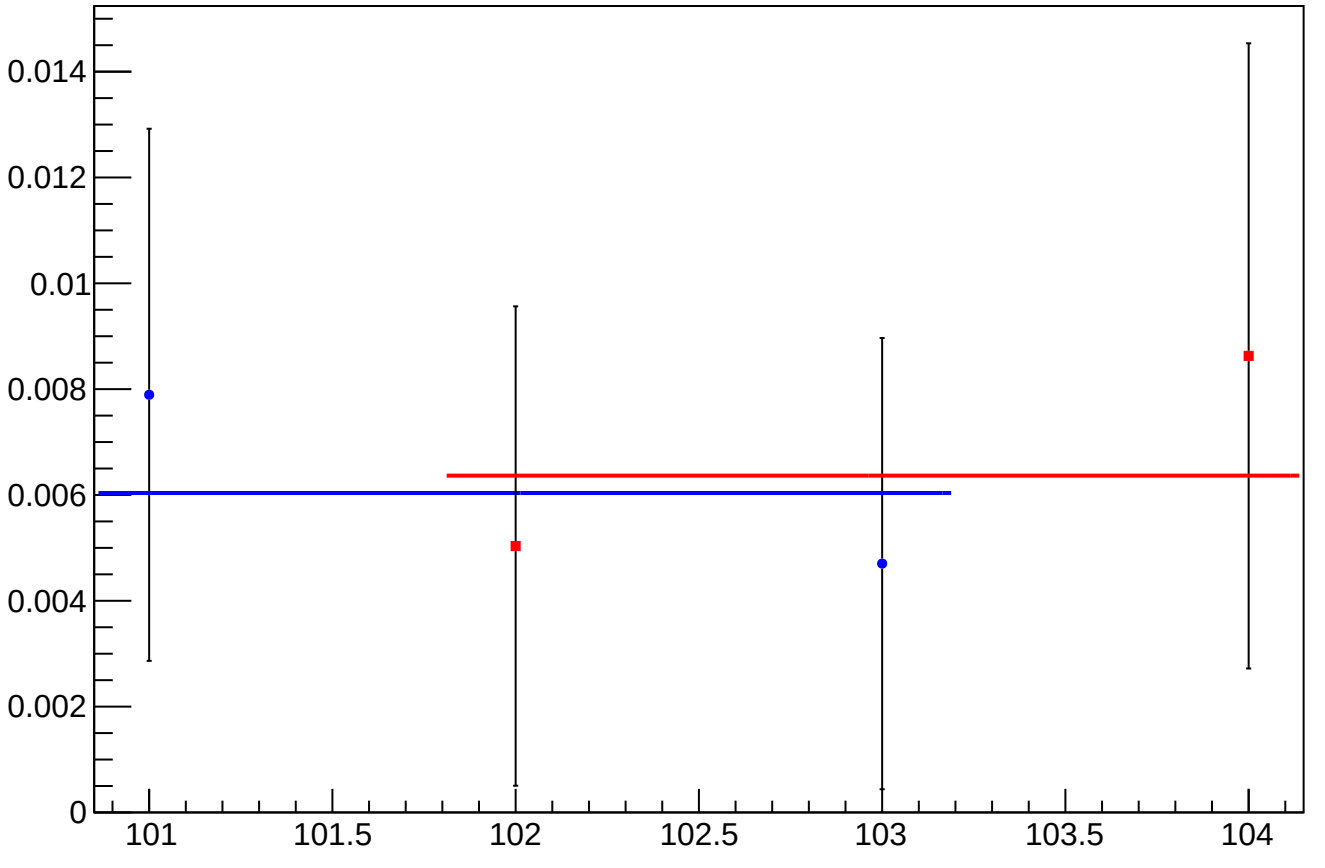
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.016+/-0.065 χ^2/NDF: 4.4/3

In: -0.026+/-0.077 χ^2/NDF:3.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.016+/-0.065 χ^2/NDF: 4.4/3



Right In: 0.006+/-0.003 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.006+/-0.004 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

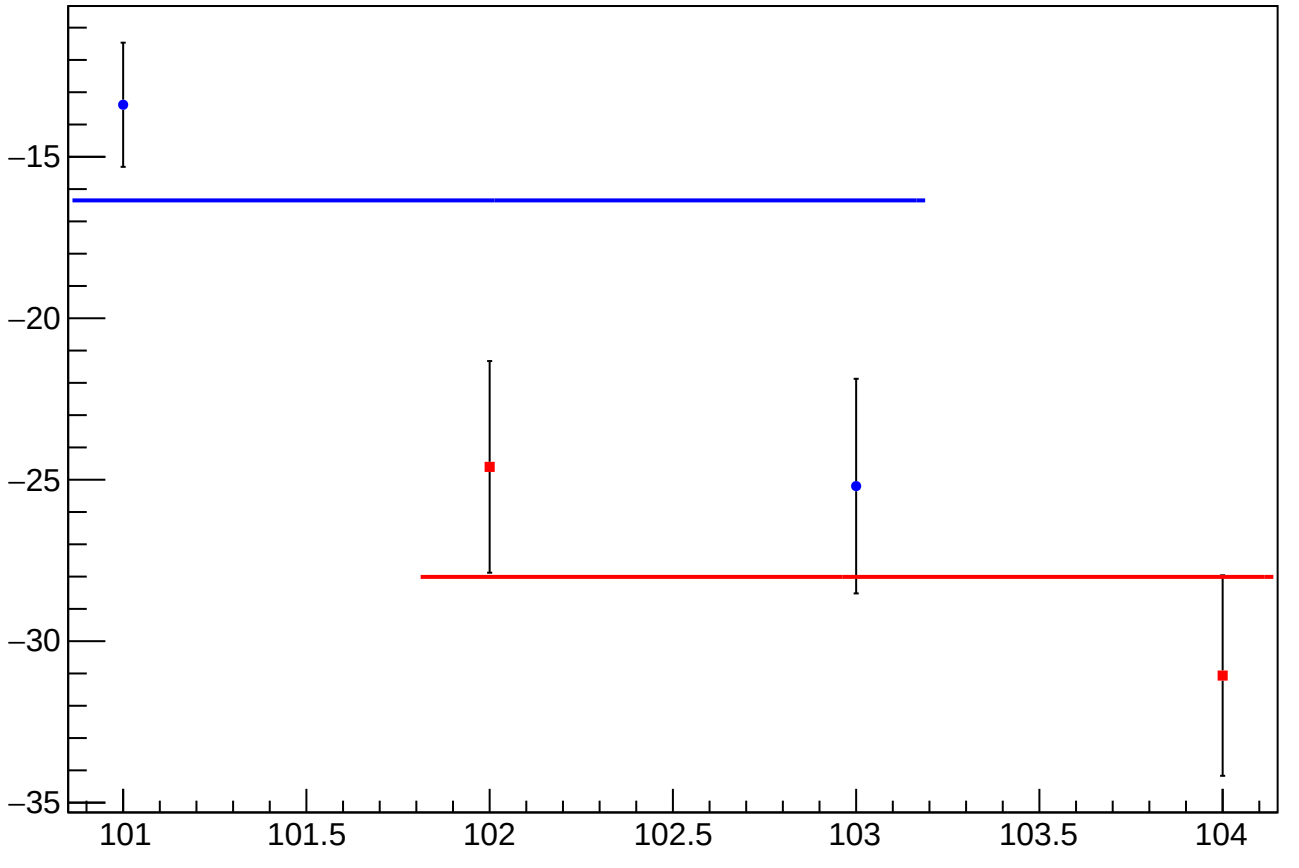
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.006+/-0.002 χ^2/NDF: 0.5/3

In: 0.006+/-0.003 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.006+/-0.002 χ^2/NDF: 0.5/3



Right In: -16.350+/-1.664 χ^2/NDF: 9.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -28.009+/-2.254 χ^2/NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

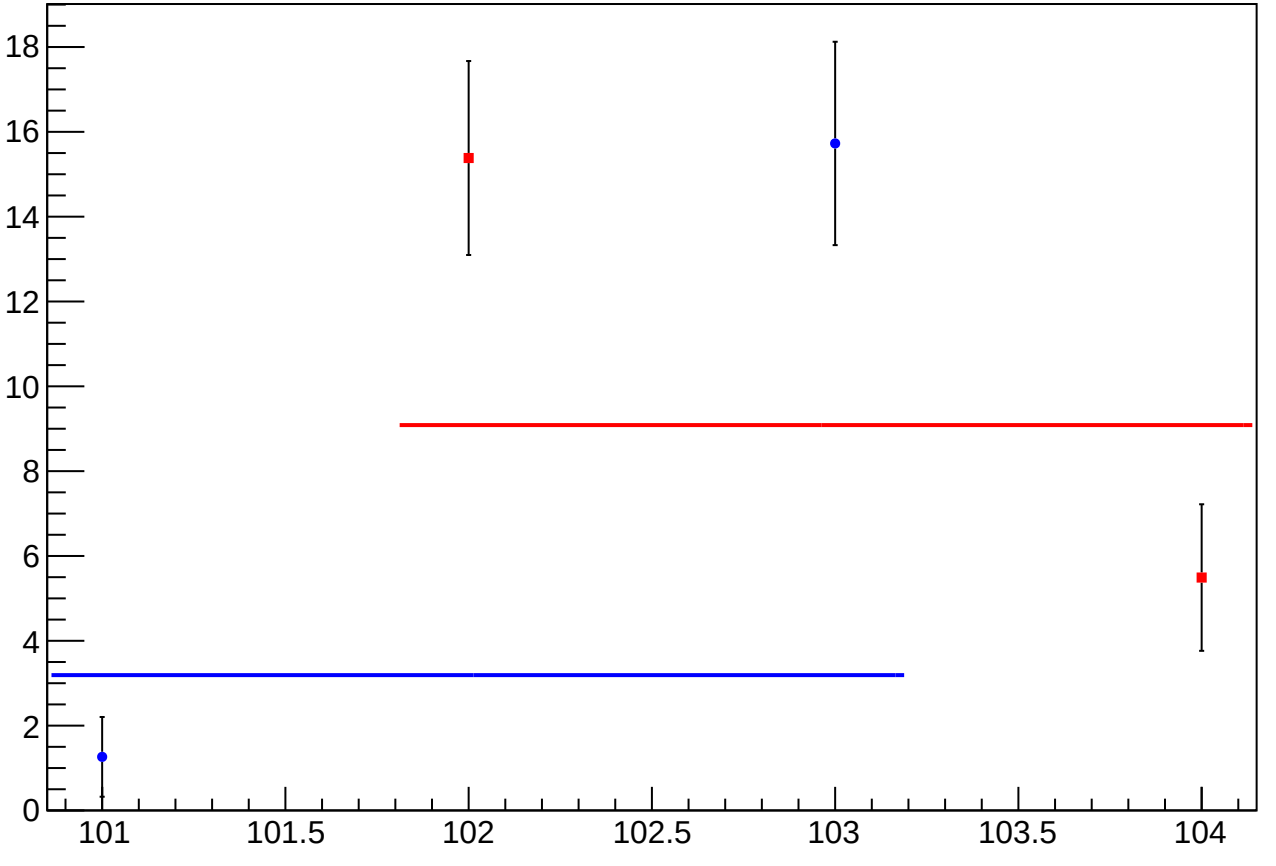
Right: -20.464+/-1.339 χ^2/NDF: 28.8/3

In: -16.350+/-1.664 χ^2/NDF:9.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -20.464+/-1.339 χ^2/NDF: 28.8/3

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.191+/-0.875 χ^2/NDF: 31.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.086+/-1.378 χ^2/NDF: 11.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

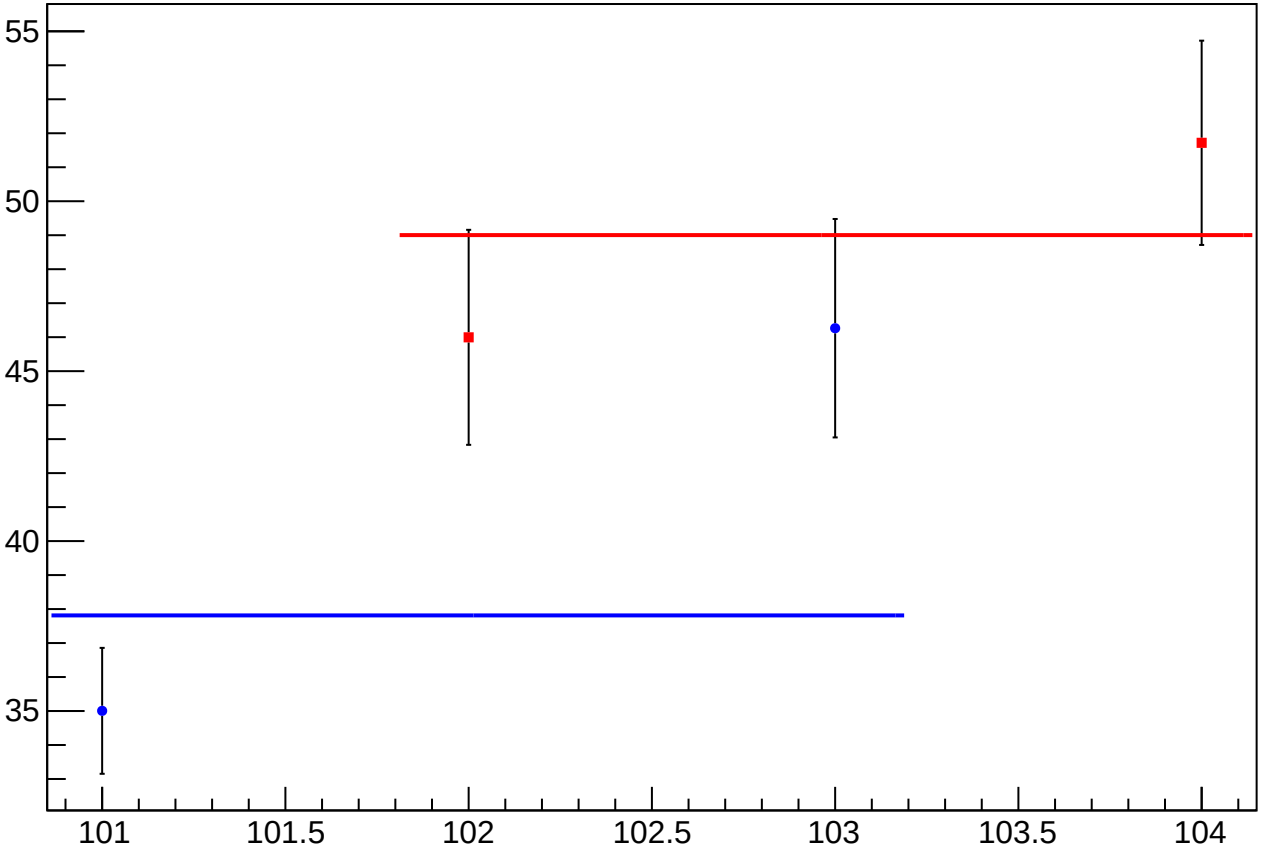
Right: 4.885+/-0.739 χ^2/NDF: 56.5/3

In: 3.191+/-0.875 χ^2/NDF:31.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.885+/-0.739 χ^2/NDF: 56.5/3

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 37.813+/-1.605 χ^2/NDF: 9.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 49.003+/-2.179 χ^2/NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

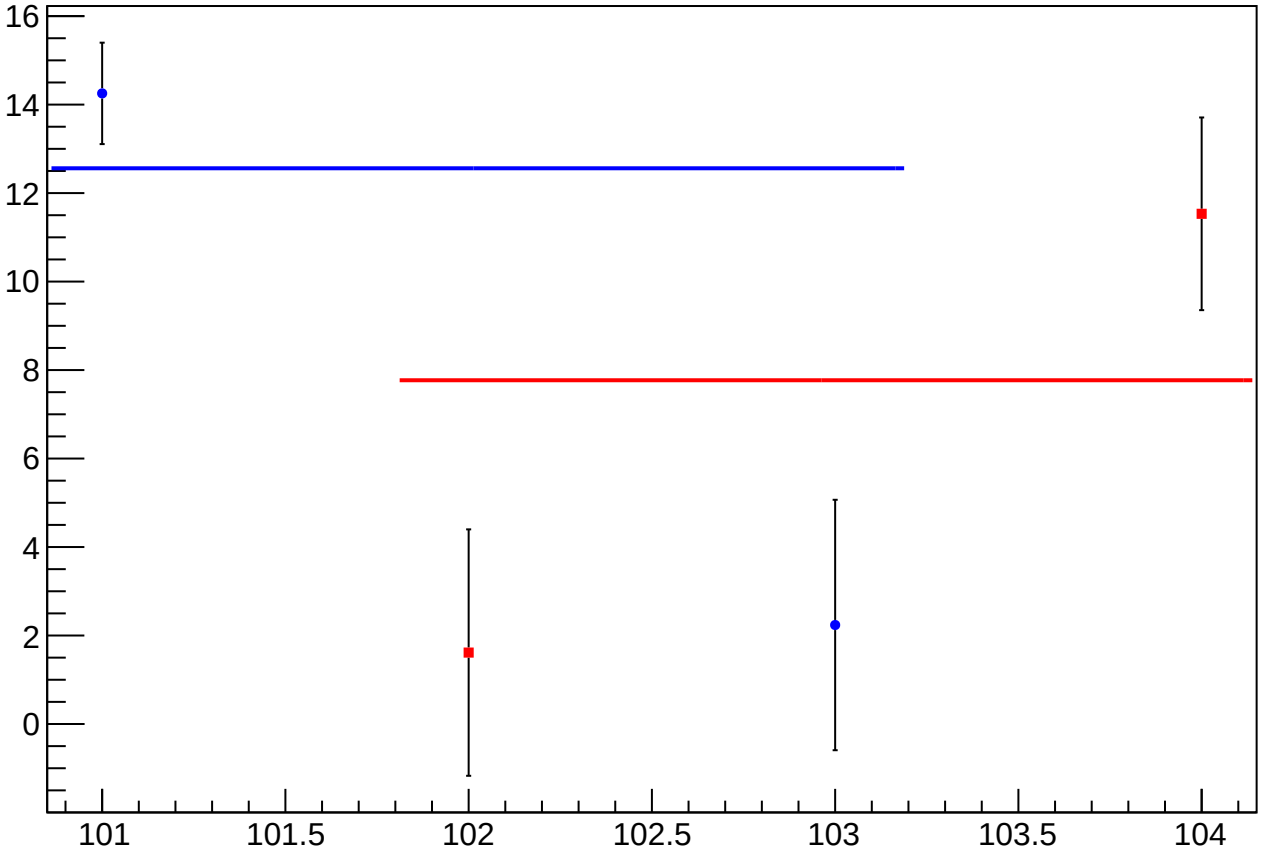
Right: 41.749+/-1.292 χ^2/NDF: 28.0/3

In: 37.813+/-1.605 χ^2/NDF:9.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 41.749+/-1.292 χ^2/NDF: 28.0/3

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.062 χ^2/NDF: 15.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.770+/-1.715 χ^2/NDF: 7.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

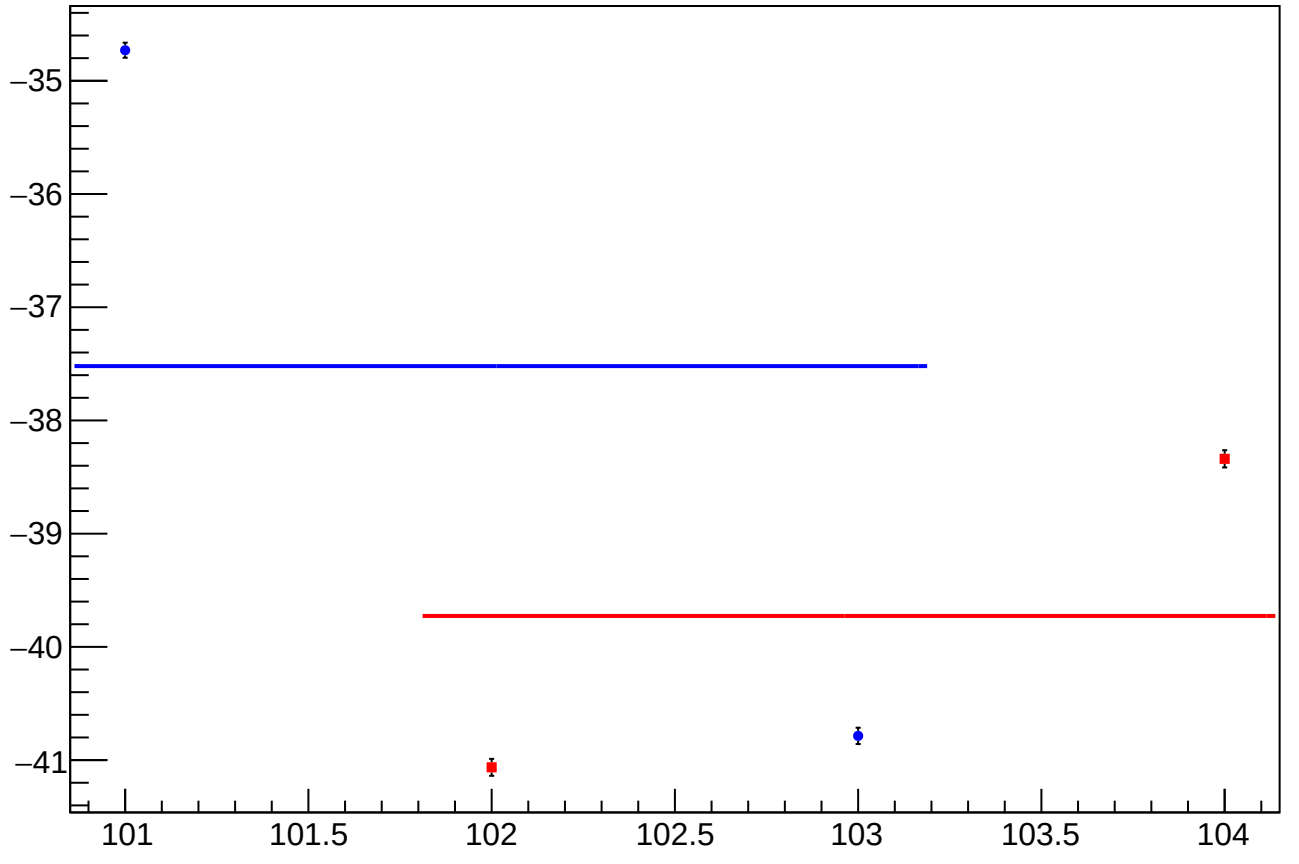
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.232+/-0.903 χ^2/NDF: 29.0/3

In: 12.561+/-1.062 χ^2/NDF:15.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.232+/-0.903 χ^2/NDF: 29.0/3



Right In: -37.520+/-0.049 χ^2/NDF: 3804.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -39.727+/-0.053 χ^2/NDF: 650.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

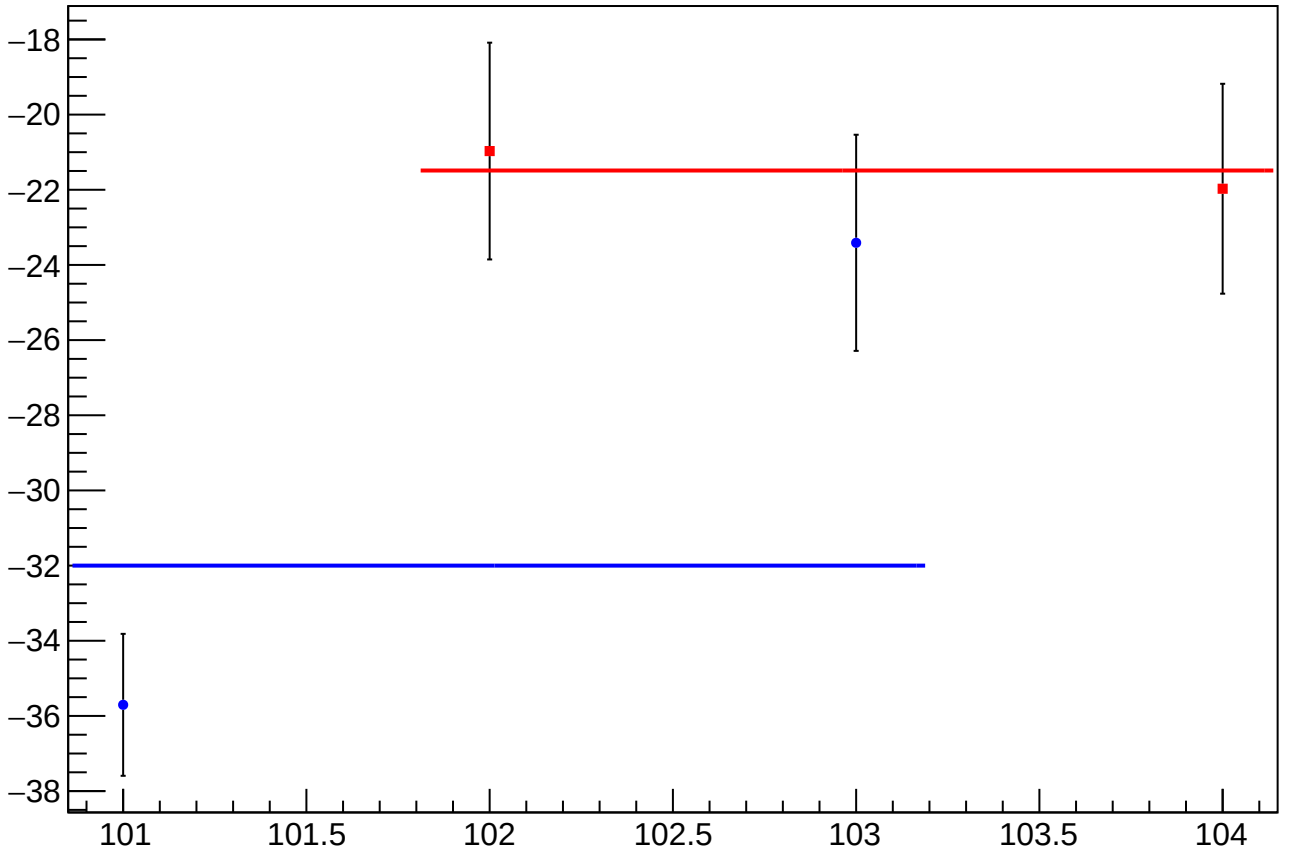
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -38.528+/-0.036 χ^2/NDF: 5383.6/3

In: -37.520+/-0.049 χ^2/NDF:3804.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -38.528+/-0.036 χ^2/NDF: 5383.6/3



Right In: -32.000+/-1.578 χ^2/NDF: 12.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -21.488+/-2.006 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

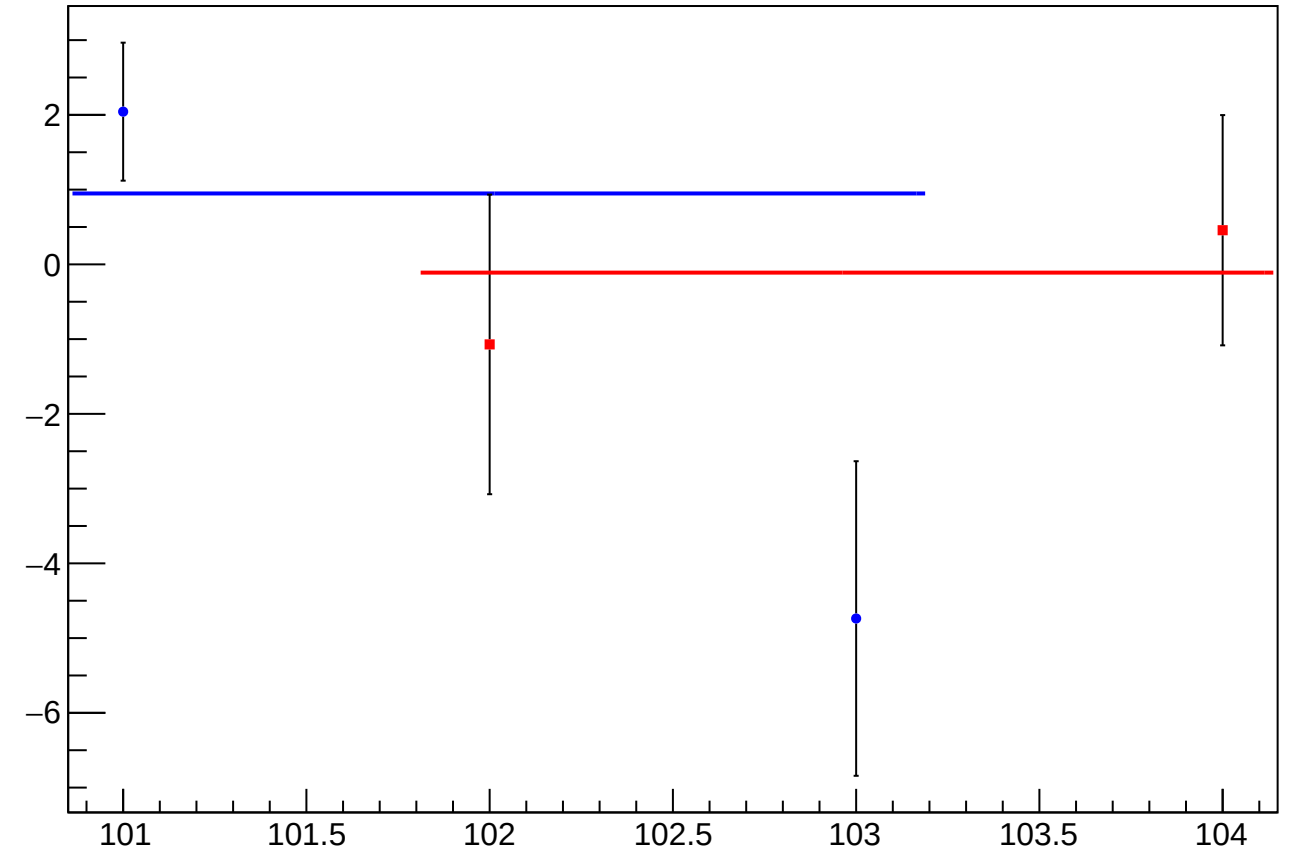
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -27.981+/-1.240 χ^2/NDF: 29.8/3

In: -32.000+/-1.578 χ^2/NDF:12.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -27.981+/-1.240 χ^2/NDF: 29.8/3



Right In: 0.949+/-0.845 χ^2/NDF: 8.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.110+/-1.221 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

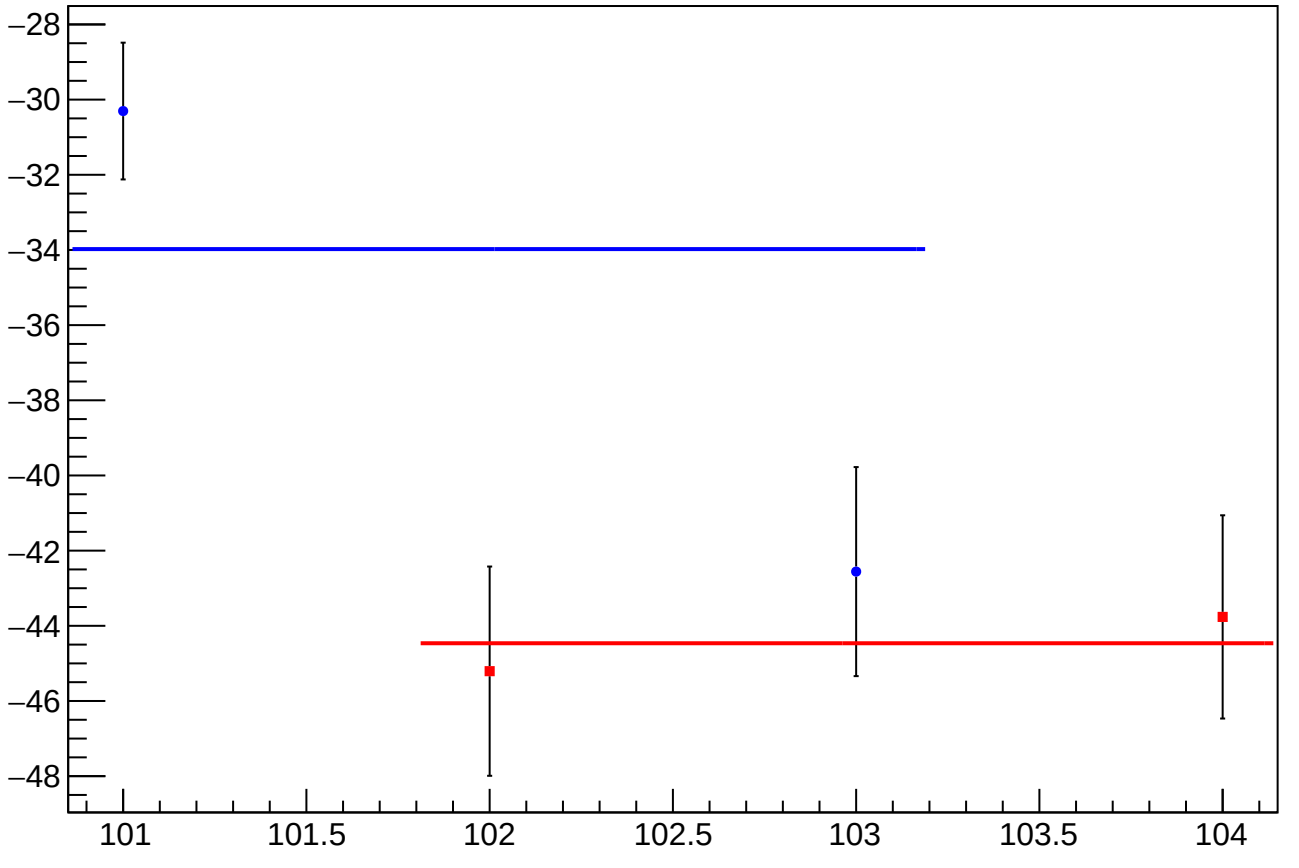
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.606+/-0.695 χ^2/NDF: 9.6/3

In: 0.949+/-0.845 χ^2/NDF:8.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.606+/-0.695 χ^2/NDF: 9.6/3



Right In: -33.977+/-1.522 χ^2/NDF: 13.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -44.464+/-1.940 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

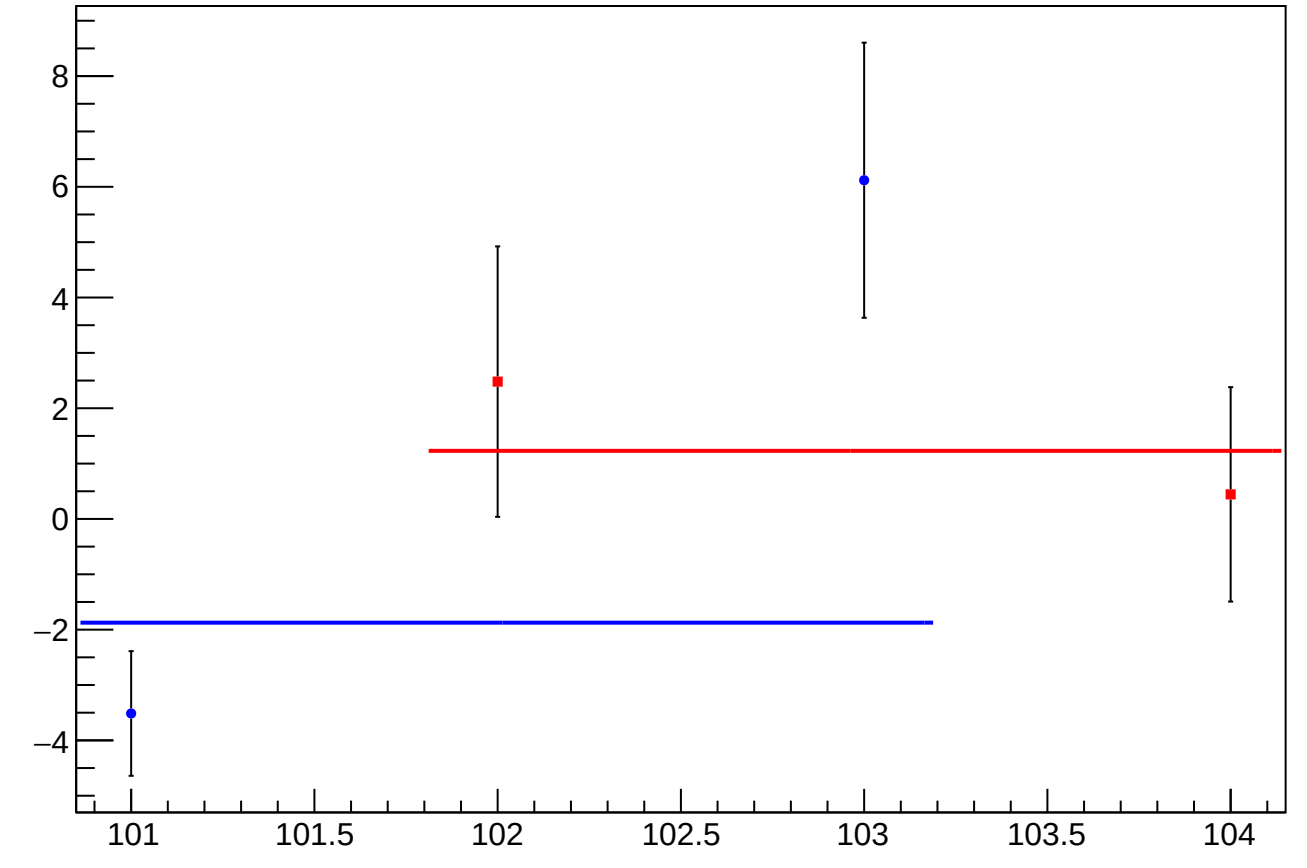
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -37.975+/-1.198 χ^2/NDF: 31.8/3

In: -33.977+/-1.522 χ^2/NDF:13.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -37.975+/-1.198 χ^2/NDF: 31.8/3



Right In: -1.874+/-1.026 χ^2/NDF: 12.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 1.230+/-1.518 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

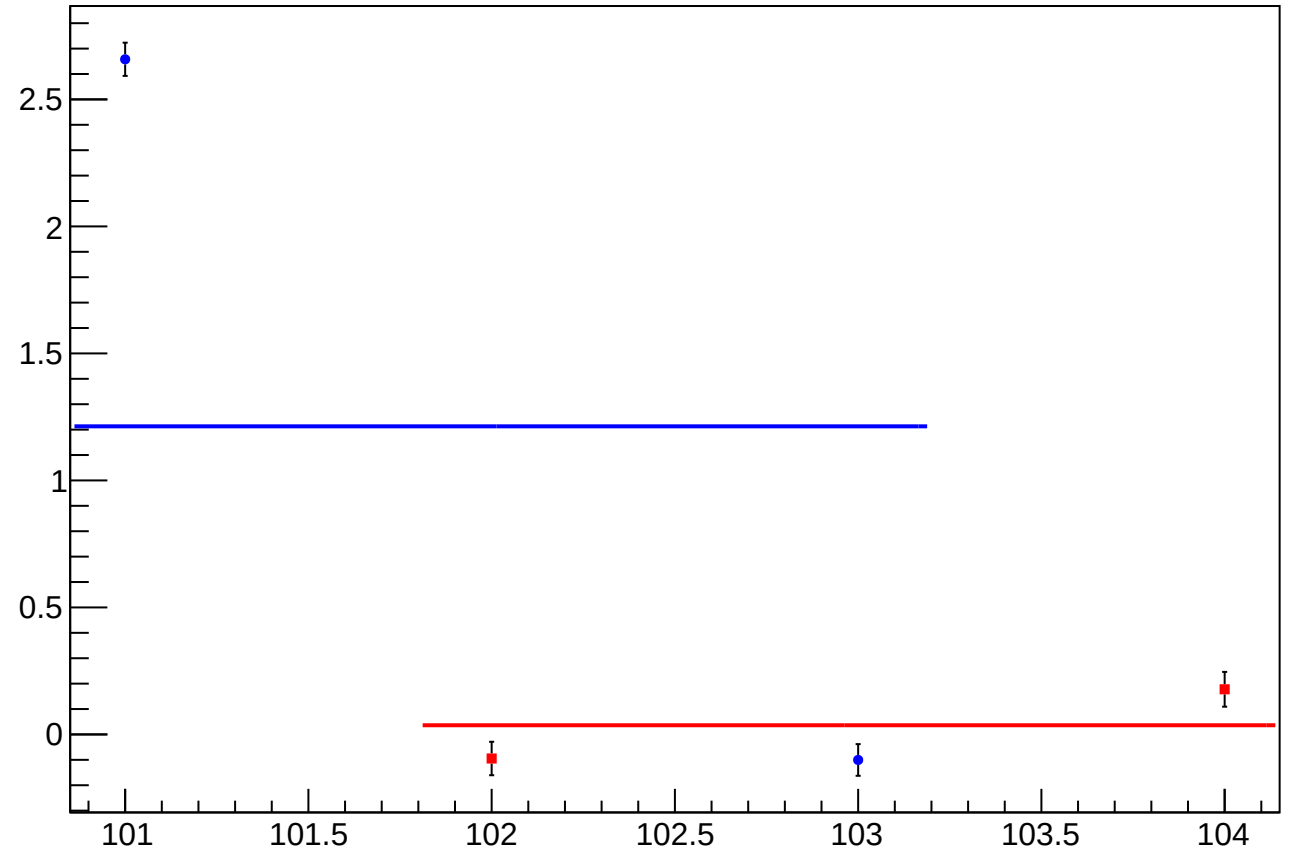
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.901+/-0.850 χ^2/NDF: 15.8/3

In: -1.874+/-1.026 χ^2/NDF:12.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.901+/-0.850 χ^2/NDF: 15.8/3



Right In: 1.213+/-0.045 χ^2/NDF: 931.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.036+/-0.047 χ^2/NDF: 8.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

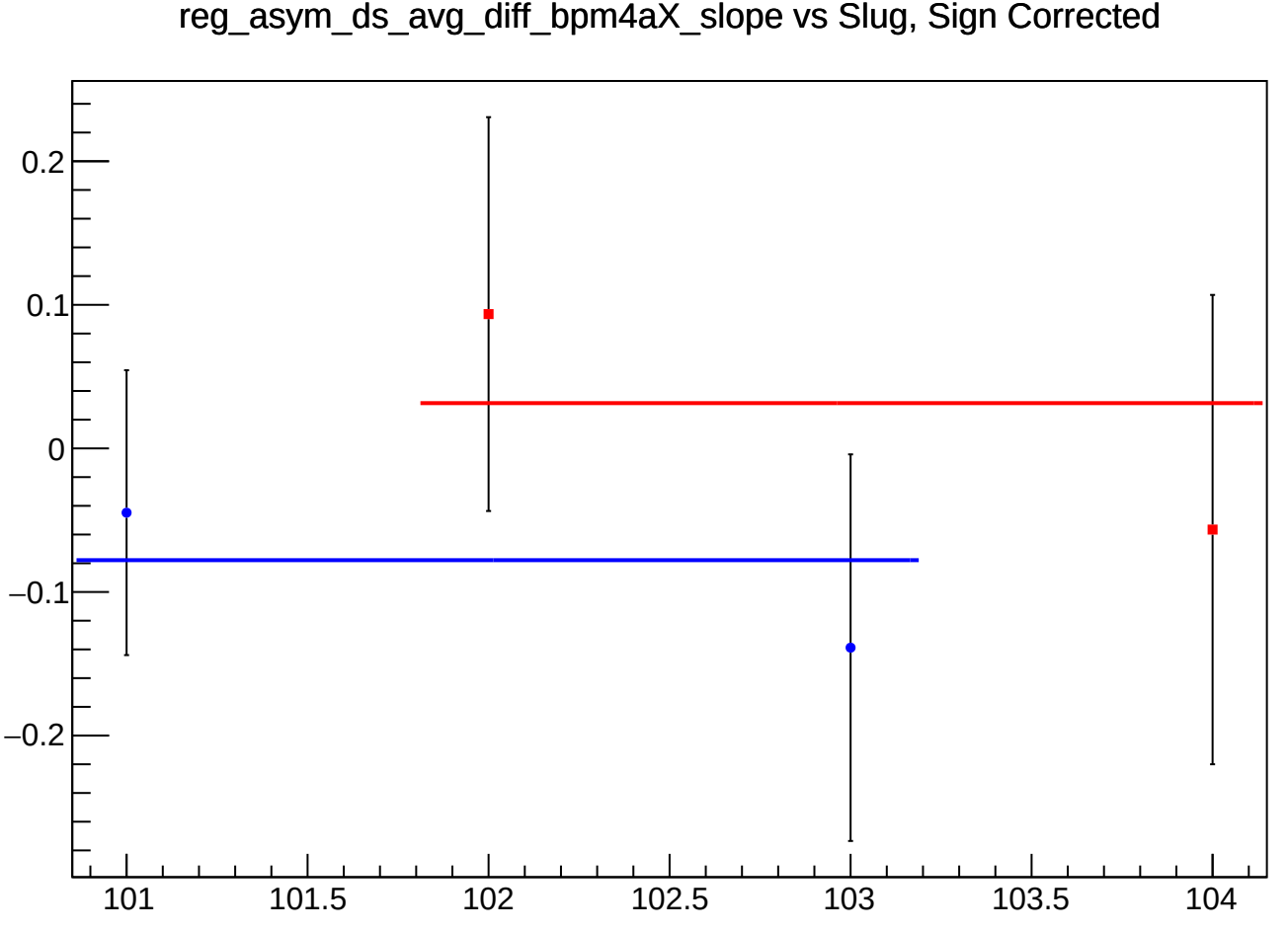
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.654+/-0.033 χ^2/NDF: 1263.0/3

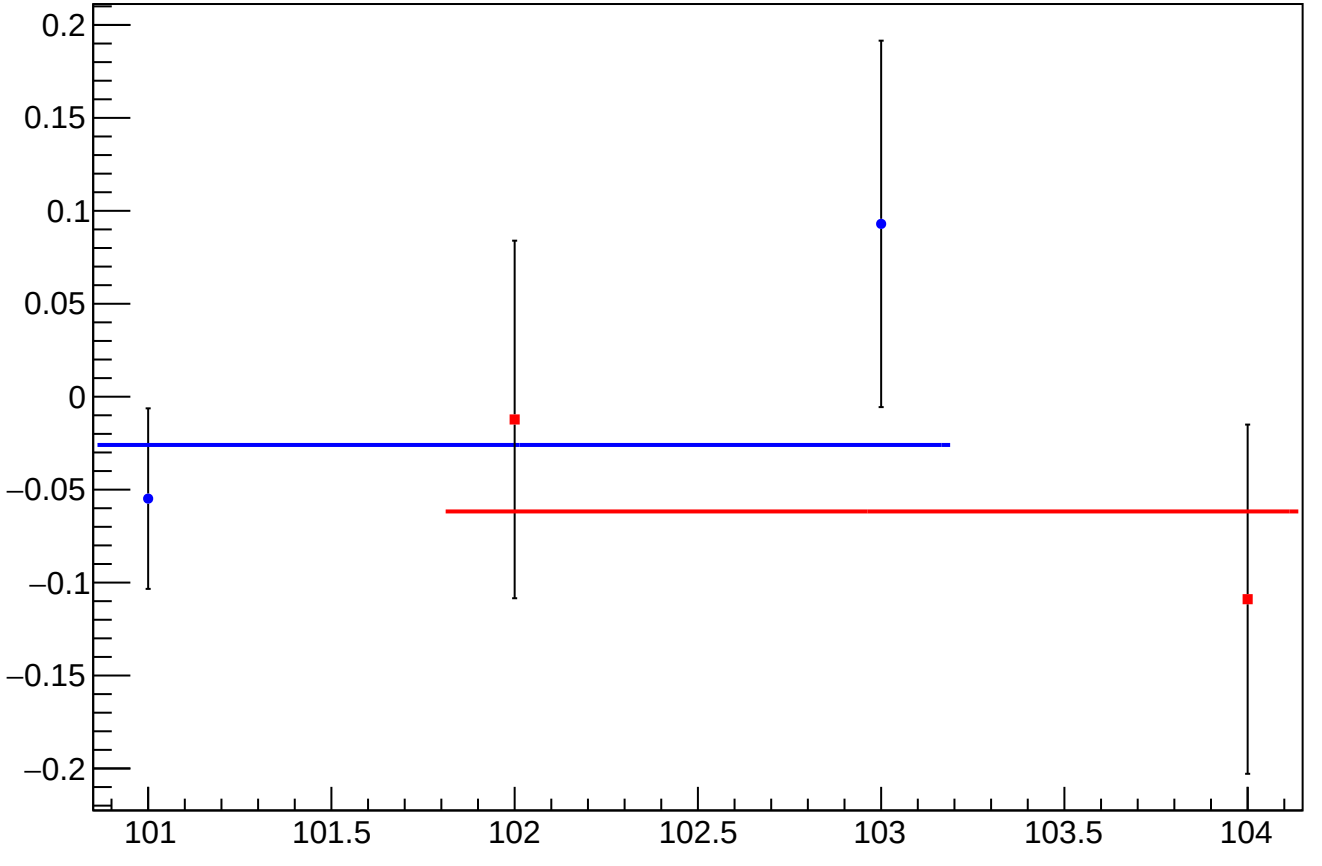
In: 1.213+/-0.045 χ^2/NDF:931.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.654+/-0.033 χ^2/NDF: 1263.0/3


reg_asym_ds_avg_diff_bpm4aX_slope vs Slug, Sign Corrected
0.2
0.1
0
−0.1
−0.2
101
101.5
102
102.5
103
103.5
104
Right In: -0.078+/-0.080 χ²/NDF: 0.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.032+/-0.105 χ²/NDF: 0.5/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -0.038+/-0.064 χ²/NDF: 1.5/3
In: -0.078+/-0.080 χ²/NDF:0.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -0.038+/-0.064 χ²/NDF: 1.5/3

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.026+/-0.044 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.062+/-0.067 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

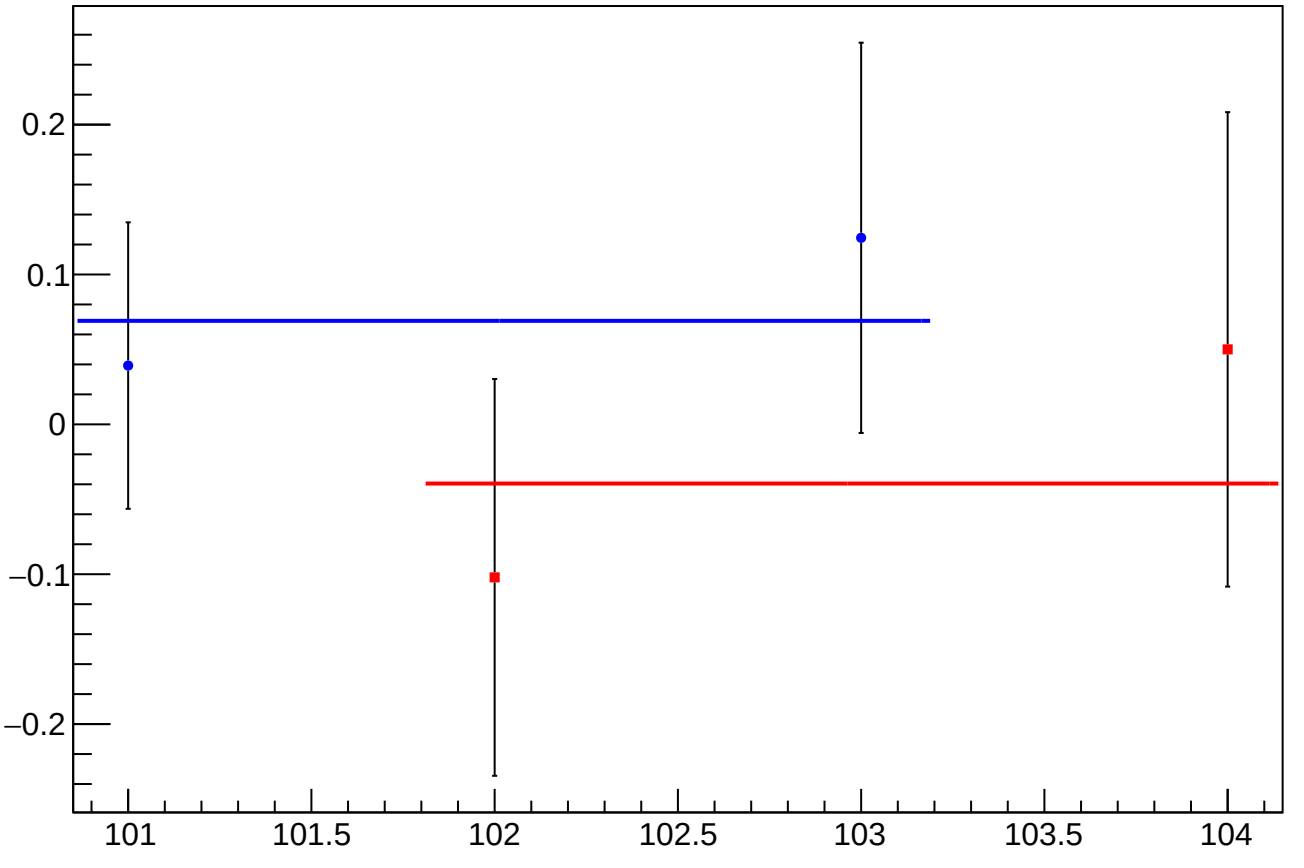
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.037+/-0.037 χ^2/NDF: 2.5/3

In: -0.026+/-0.044 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.037+/-0.037 χ^2/NDF: 2.5/3



Right In: 0.069+/-0.077 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.040+/-0.102 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

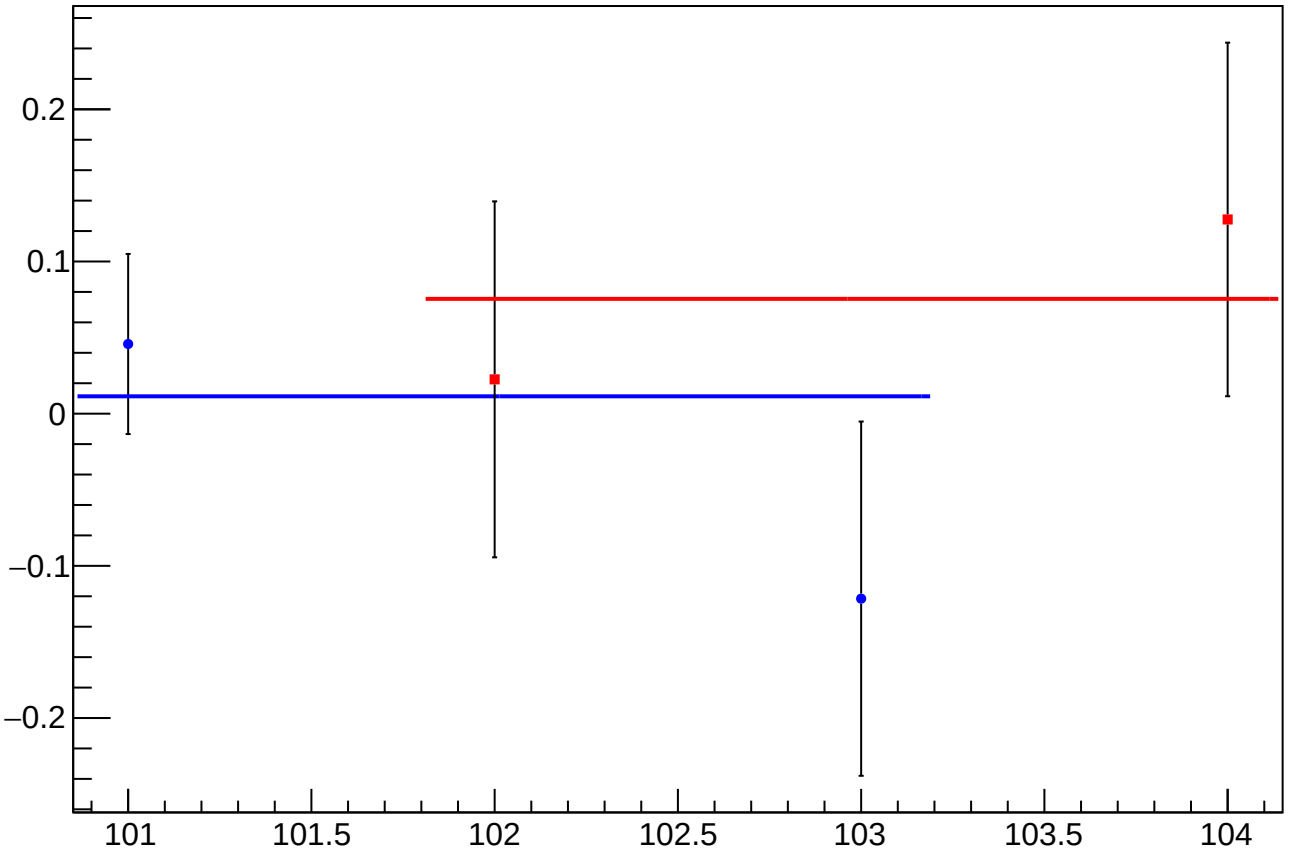
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.029+/-0.061 χ^2/NDF: 1.5/3

In: 0.069+/-0.077 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.029+/-0.061 χ^2/NDF: 1.5/3



Right In: 0.011+/-0.053 χ^2/NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.075+/-0.082 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

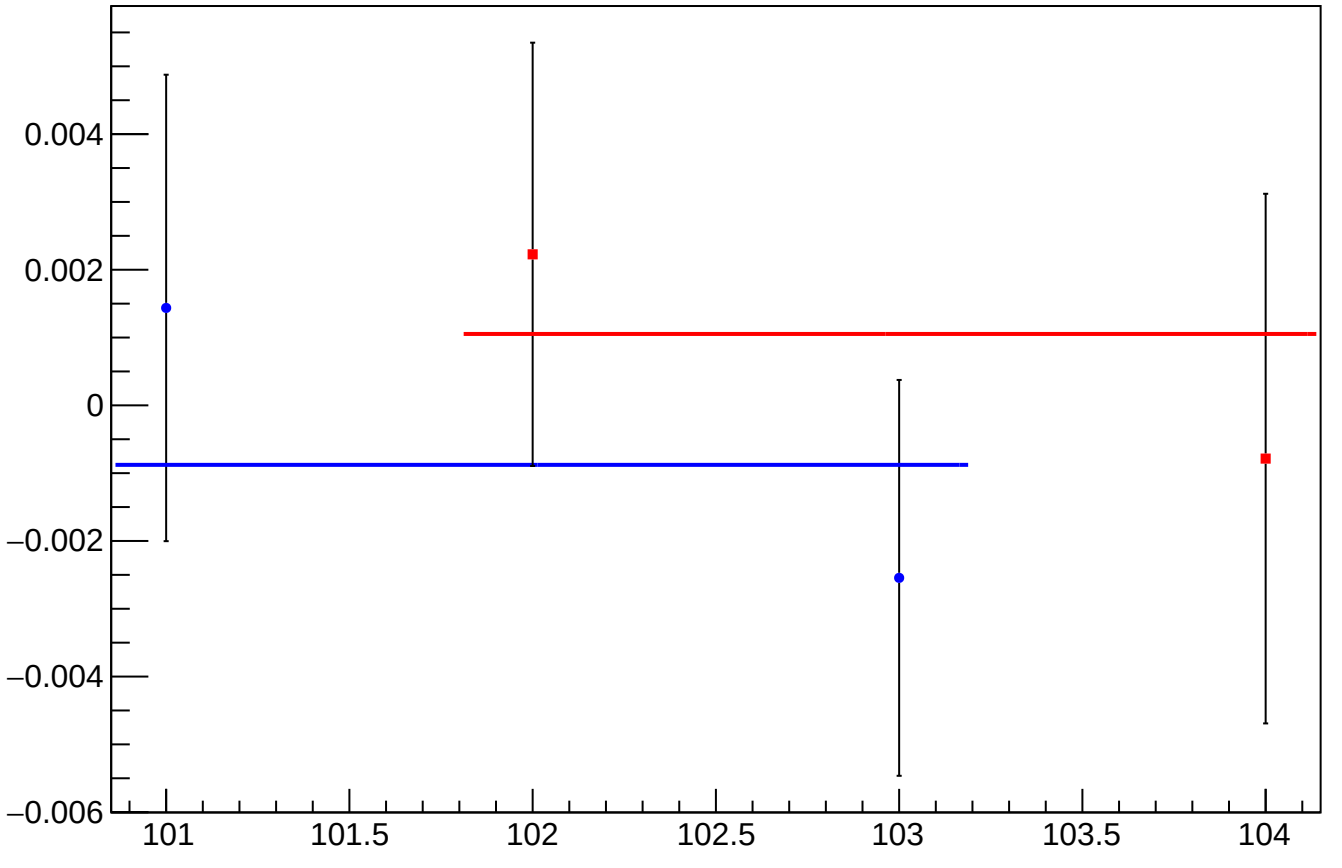
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.030+/-0.044 χ^2/NDF: 2.5/3

In: 0.011+/-0.053 χ^2/NDF:1.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.030+/-0.044 χ^2/NDF: 2.5/3



Right In: -0.001+/-0.002 χ^2/NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.001+/-0.002 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

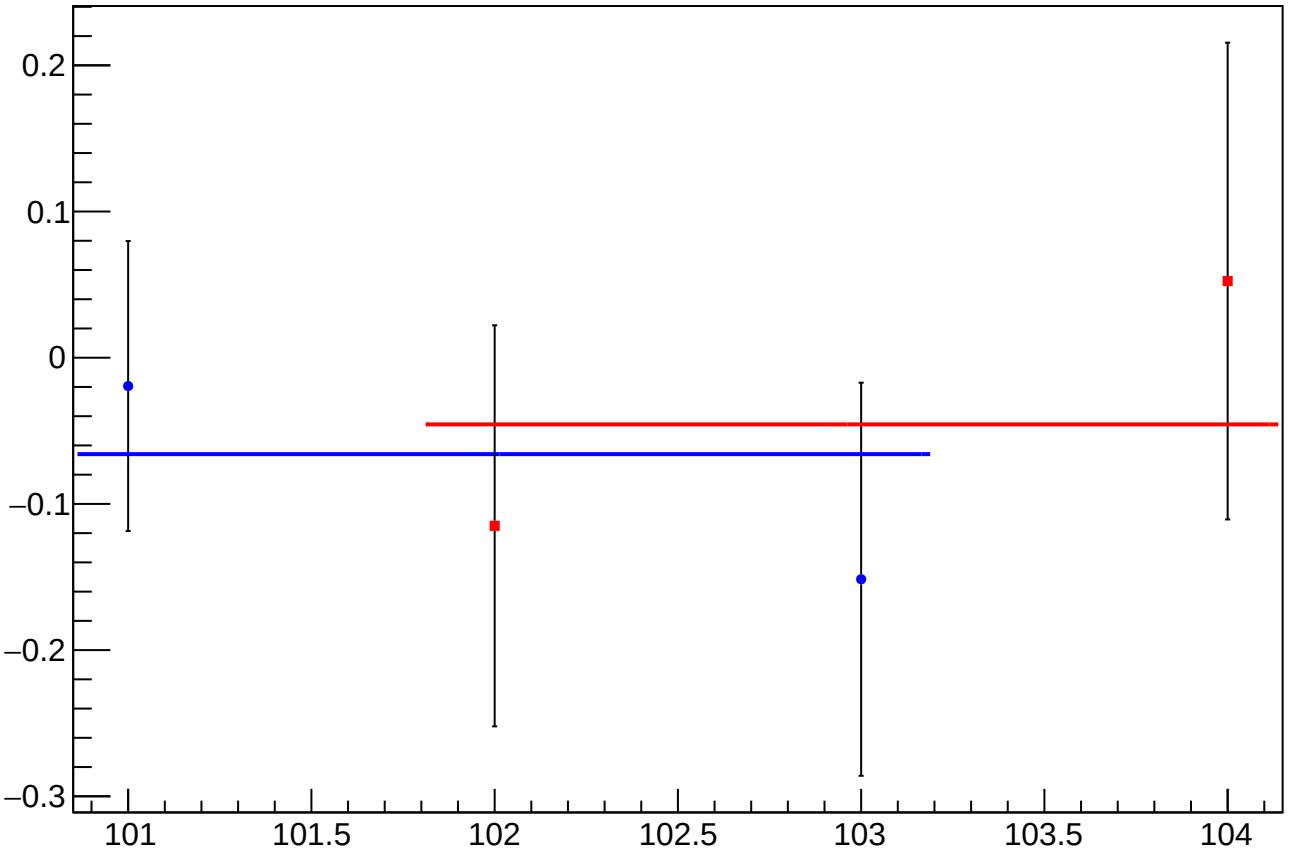
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.000+/-0.002 χ^2/NDF: 1.5/3

In: -0.001+/-0.002 χ^2/NDF:0.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.000+/-0.002 χ^2/NDF: 1.5/3



Right In: -0.066+/-0.080 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.046+/-0.105 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

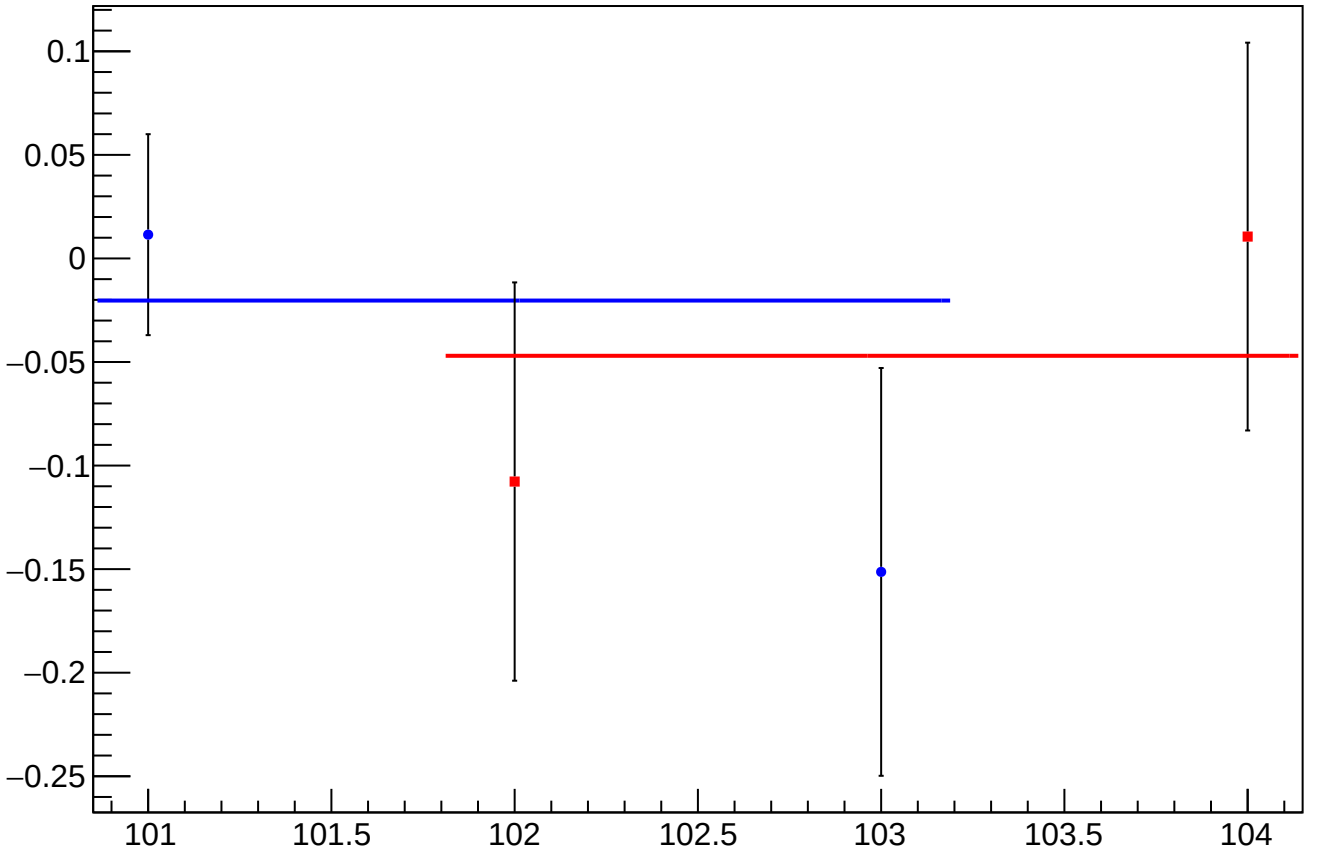
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.059+/-0.064 χ^2/NDF: 1.3/3

In: -0.066+/-0.080 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.059+/-0.064 χ^2/NDF: 1.3/3



Right In: -0.020+/-0.044 χ^2/NDF: 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.047+/-0.067 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

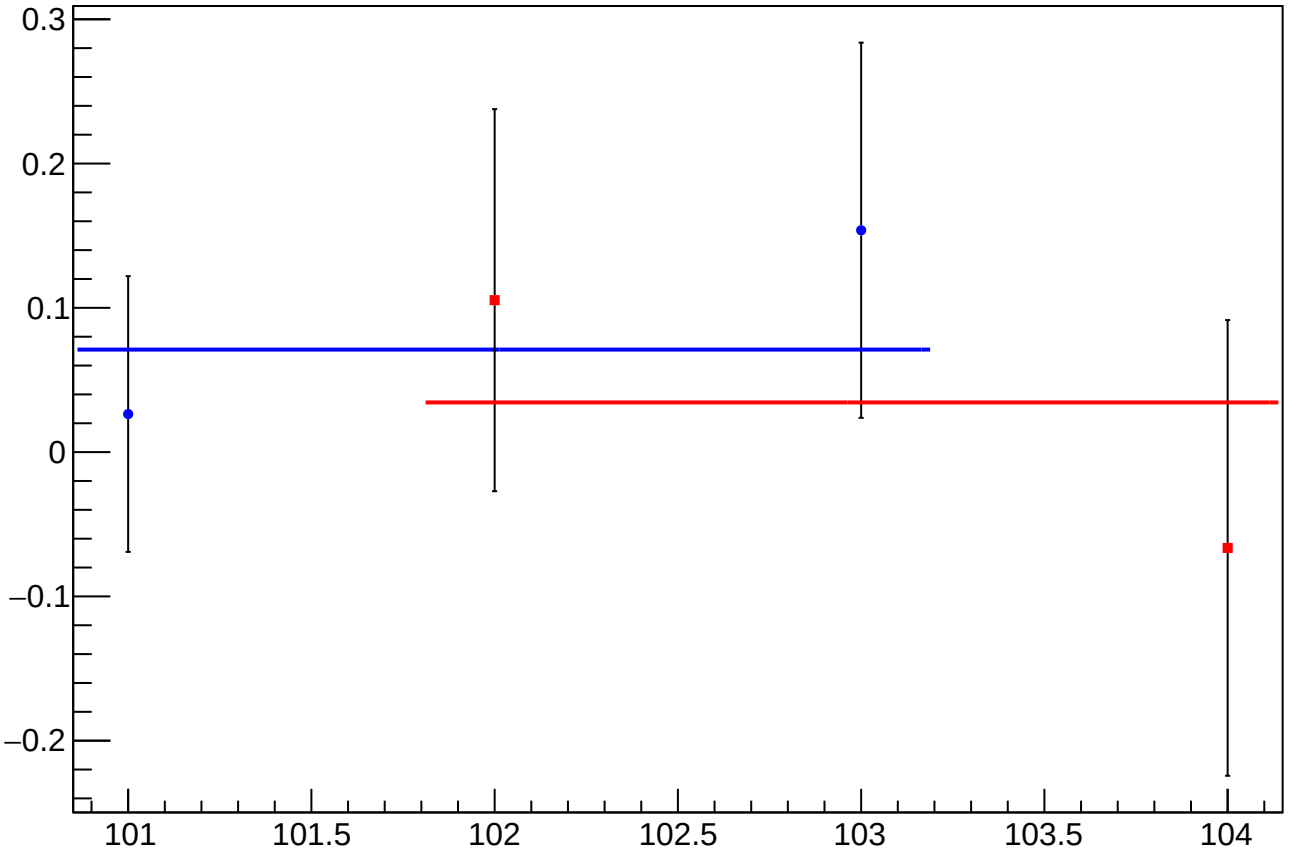
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

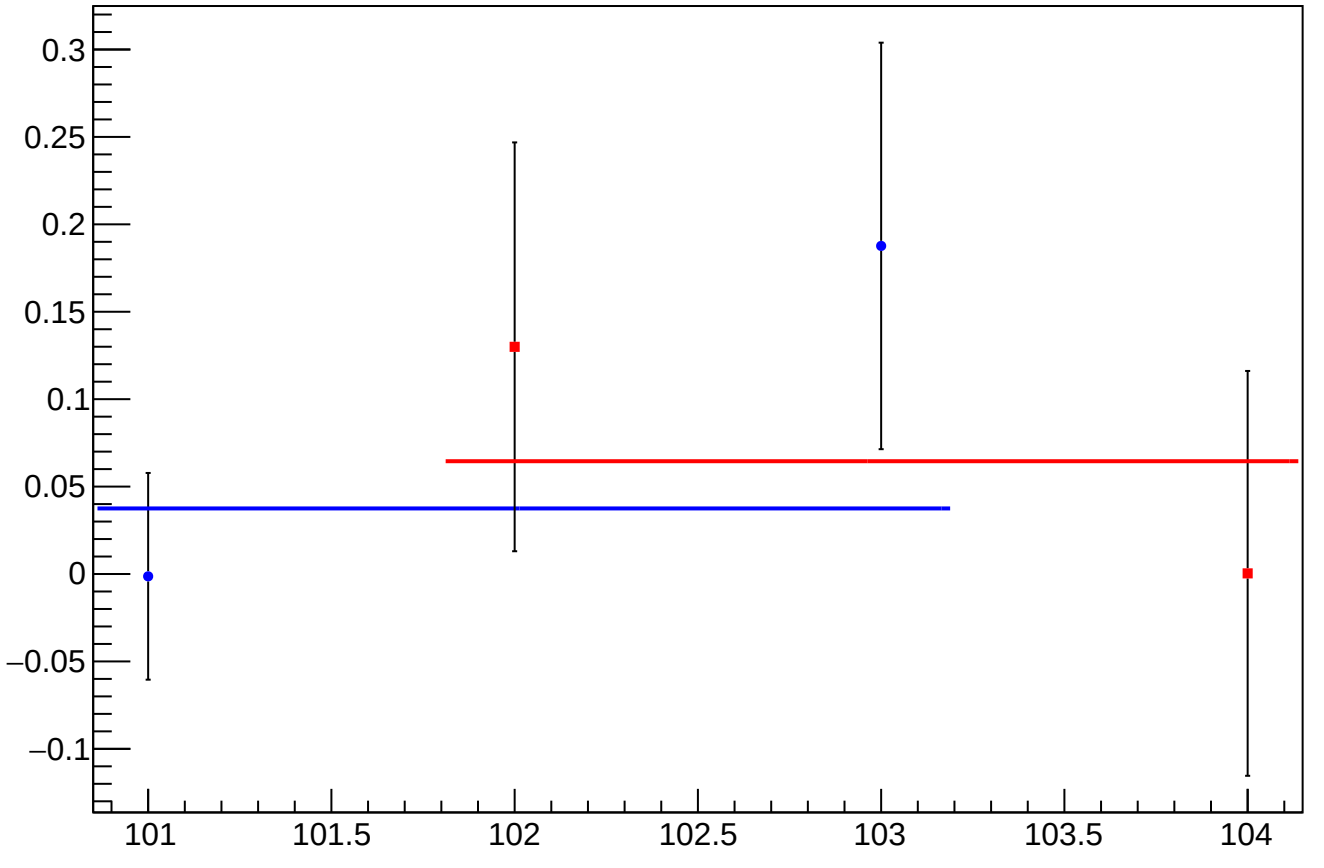
Right: -0.028+/-0.037 χ^2/NDF: 3.1/3

In: -0.020+/-0.044 χ^2/NDF:2.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.028+/-0.037 χ^2/NDF: 3.1/3


reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected
0.3
0.2
0.1
0
−0.1
−0.2
101
101.5
102
102.5
103
103.5
104
Right In: 0.071+/-0.077 χ²/NDF: 0.6/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 0.034+/-0.101 χ²/NDF: 0.7/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.058+/-0.061 χ²/NDF: 1.4/3
In: 0.071+/-0.077 χ²/NDF:0.6/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.058+/-0.061 χ²/NDF: 1.4/3



Right In: 0.038+/-0.053 χ^2/NDF: 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.065+/-0.082 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

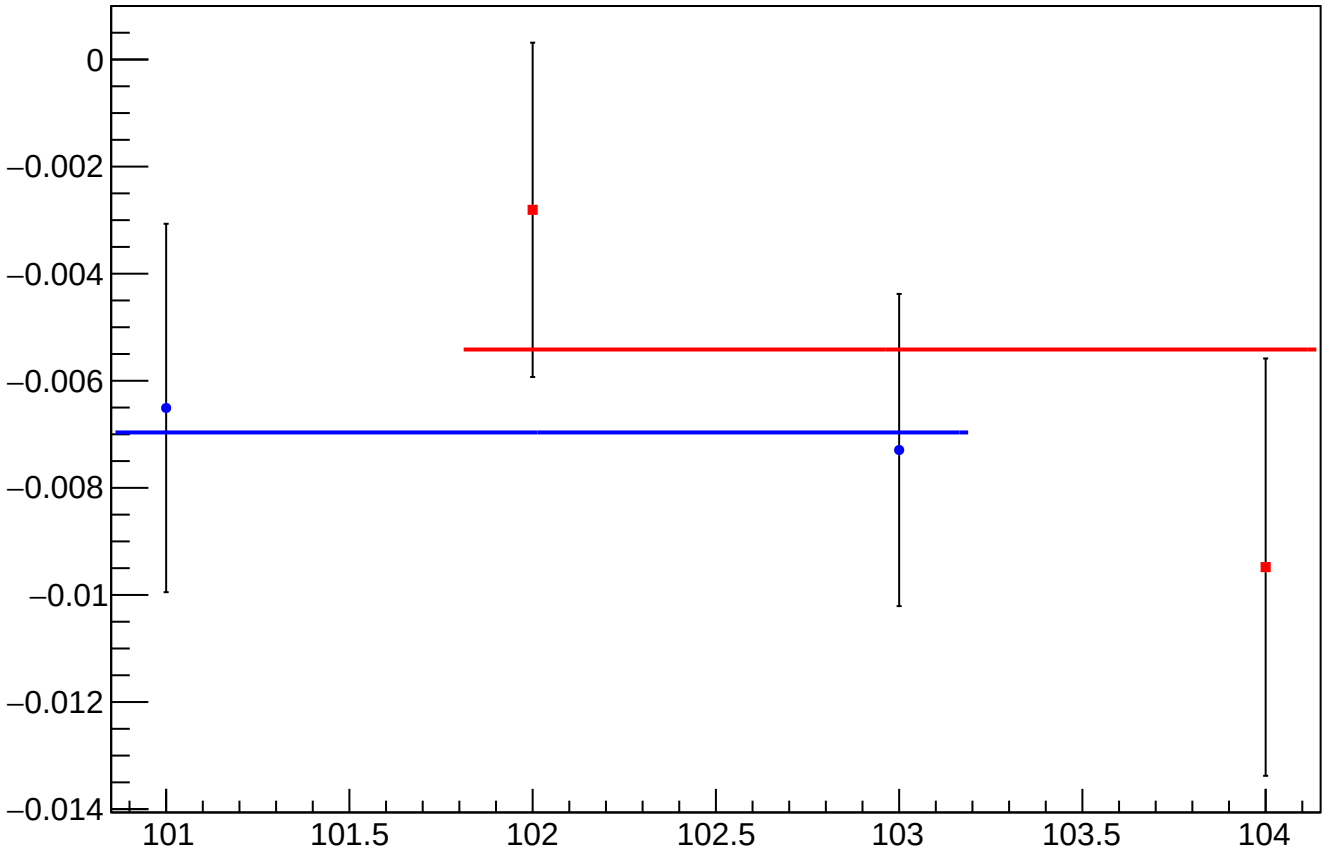
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.045+/-0.044 χ^2/NDF: 2.8/3

In: 0.038+/-0.053 χ^2/NDF:2.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.045+/-0.044 χ^2/NDF: 2.8/3



Right In: -0.007+/-0.002 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.005+/-0.002 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

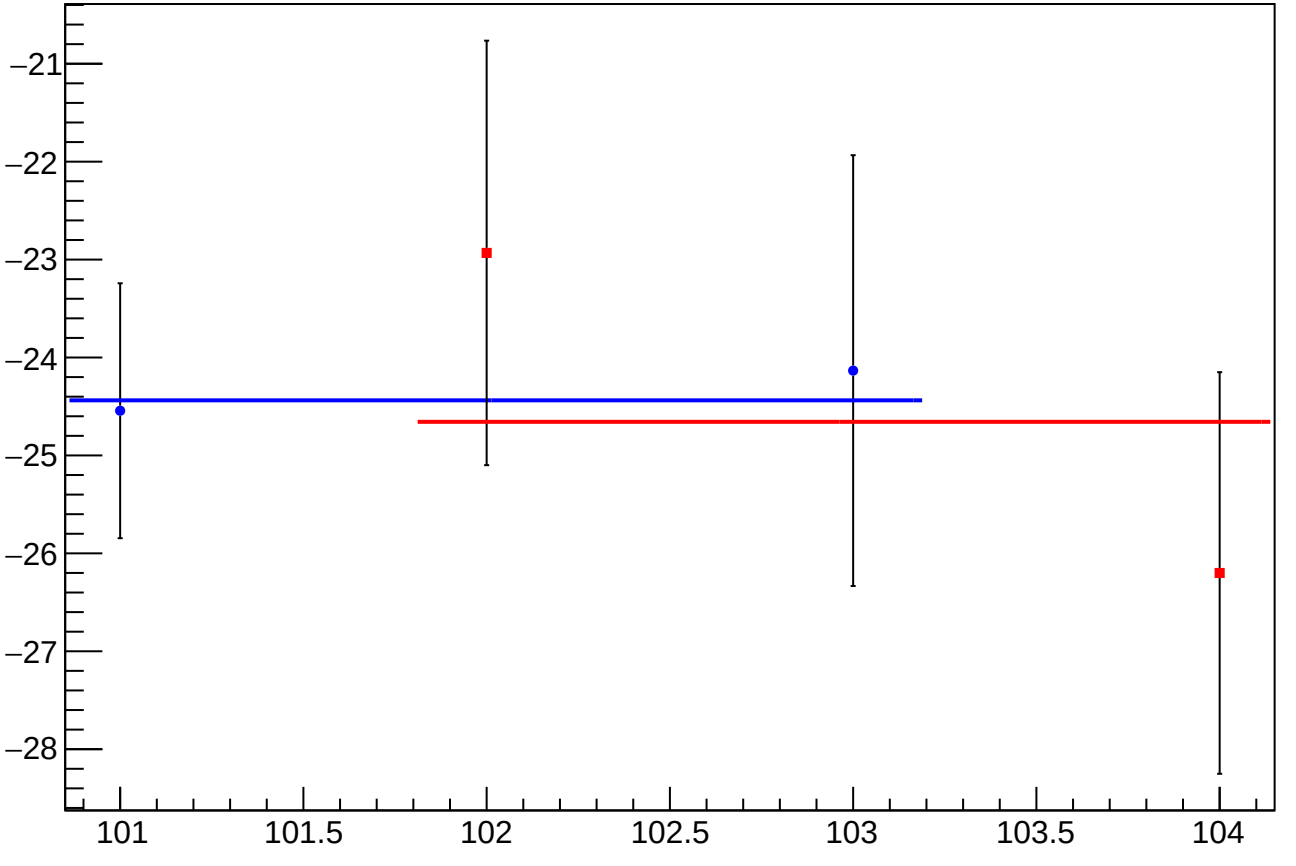
Right: -0.006+/-0.002 χ^2/NDF: 2.0/3

In: -0.007+/-0.002 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.006+/-0.002 χ^2/NDF: 2.0/3

reg_asym_left_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -24.437+/-1.120 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -24.657+/-1.490 χ^2/NDF: 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

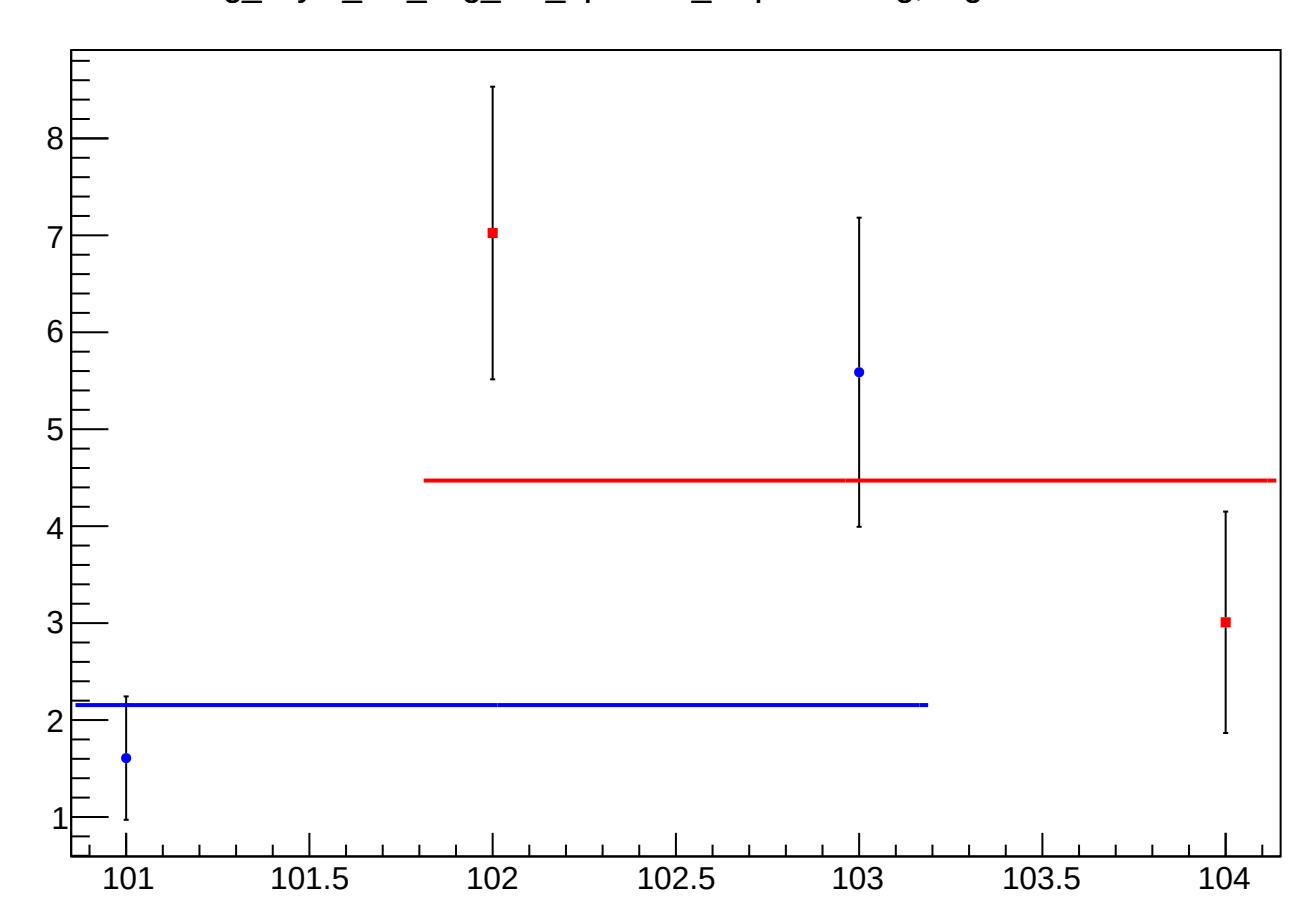
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -24.517+/-0.895 χ^2/NDF: 1.2/3

In: -24.437+/-1.120 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -24.517+/-0.895 χ^2/NDF: 1.2/3



Right In: 2.155+/-0.591 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.471+/-0.911 χ^2/NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

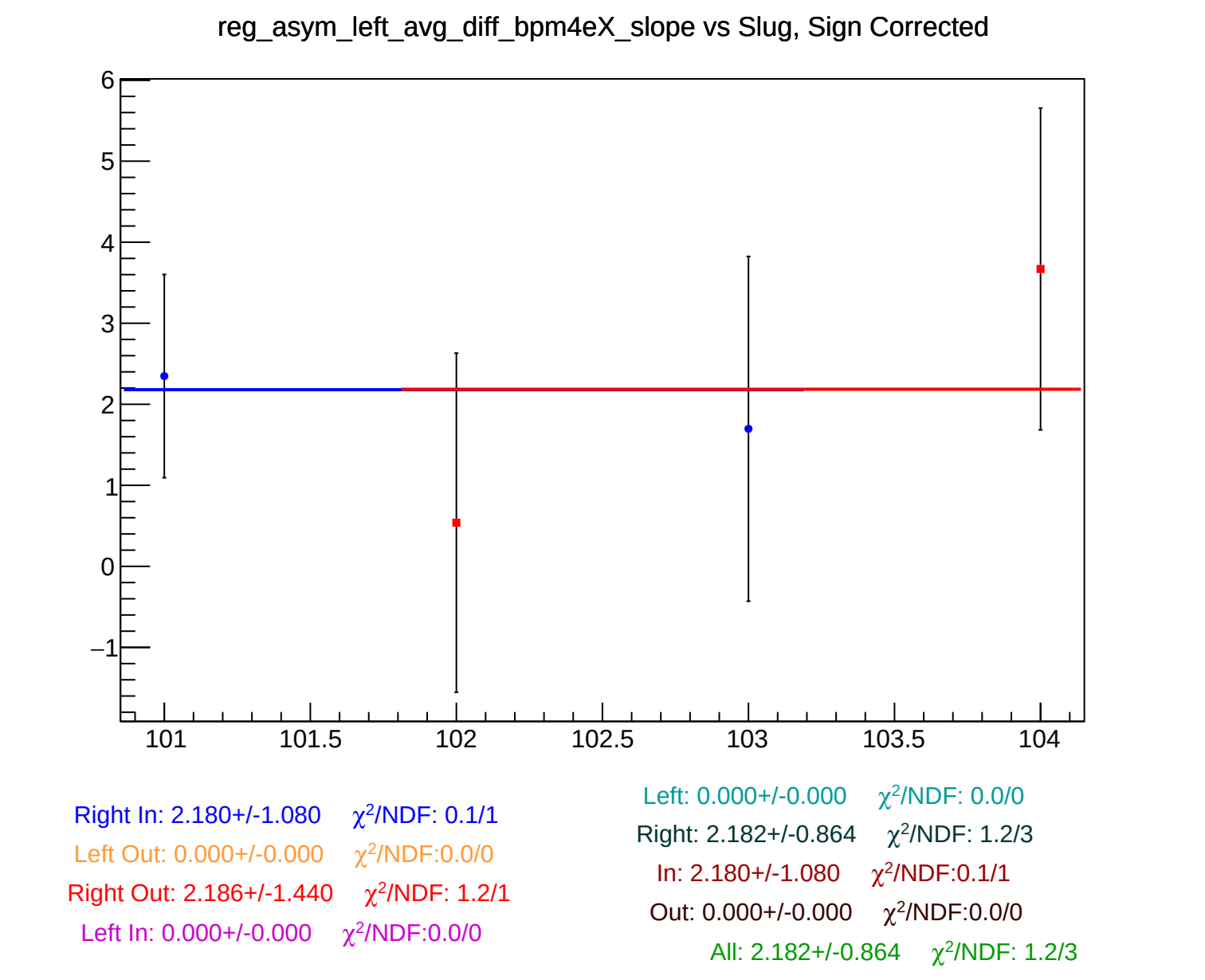
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

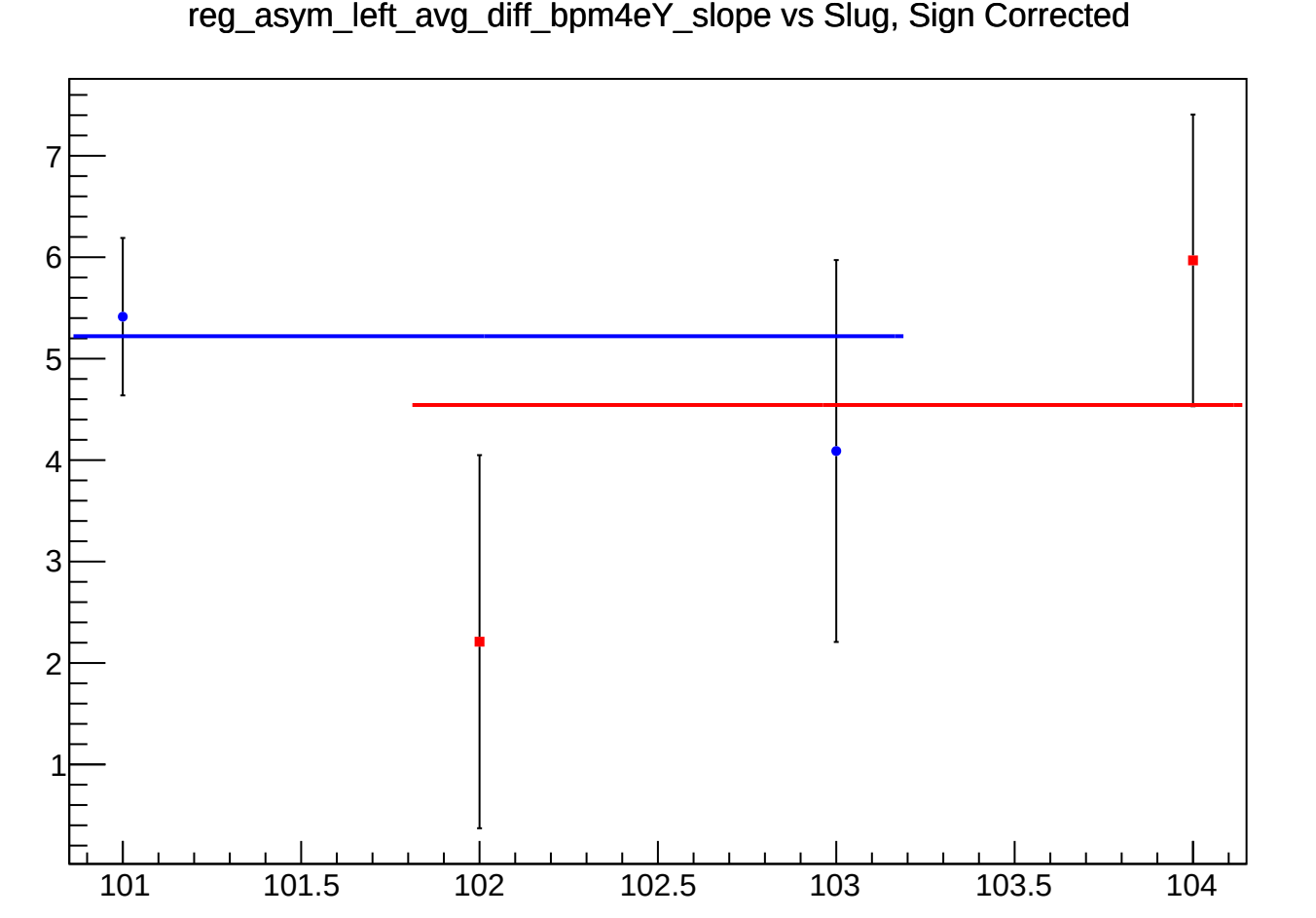
Right: 2.841+/-0.496 χ^2/NDF: 14.4/3

In: 2.155+/-0.591 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.841+/-0.496 χ^2/NDF: 14.4/3


reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
6
5
4
3
2
1
0
−1
101
101.5
102
102.5
103
103.5
104
Right In: 2.180+/-1.080 χ²/NDF: 0.1/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2.186+/-1.440 χ²/NDF: 1.2/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 2.182+/-0.864 χ²/NDF: 1.2/3
In: 2.180+/-1.080 χ²/NDF:0.1/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 2.182+/-0.864 χ²/NDF: 1.2/3



Right In: 5.222+/-0.717 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.543+/-1.133 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

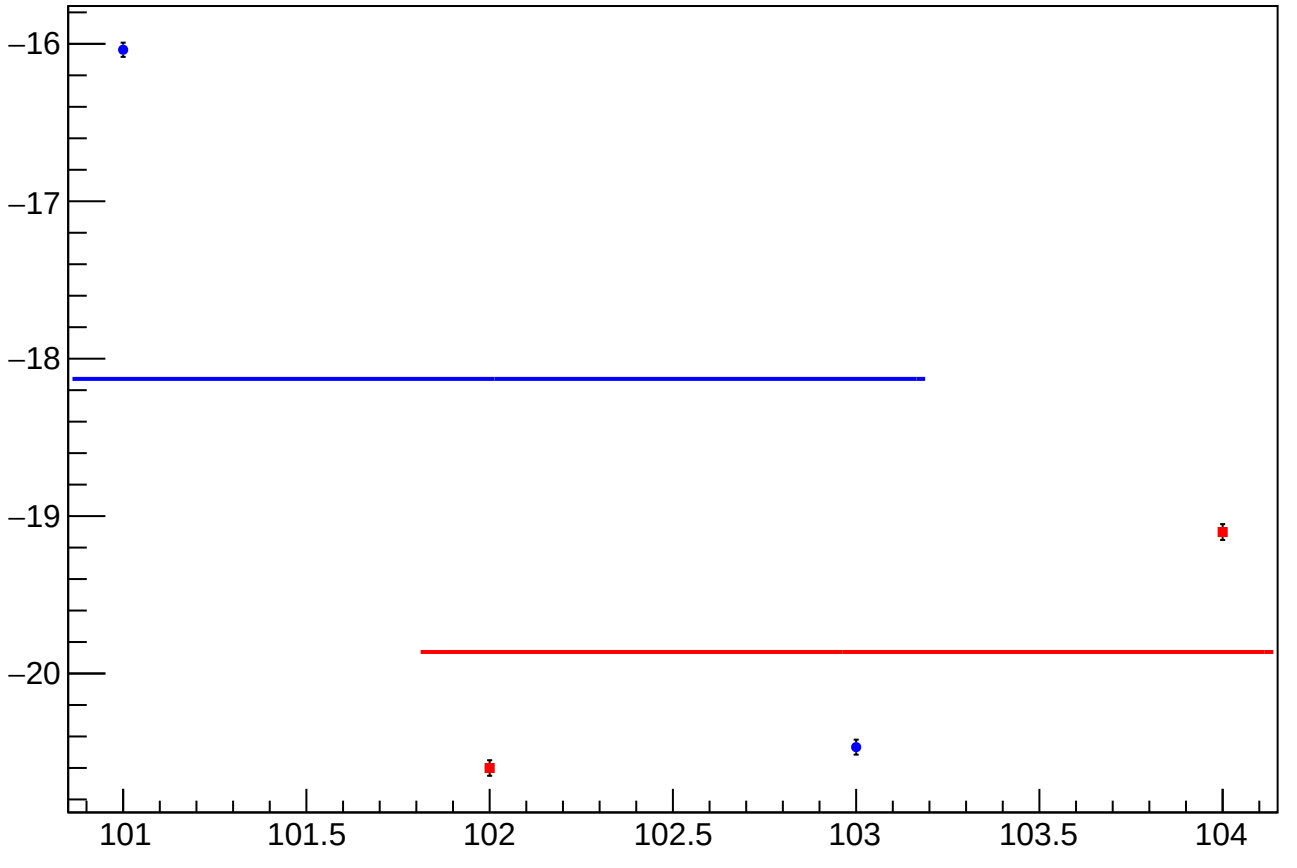
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.027+/-0.606 χ^2/NDF: 3.3/3

In: 5.222+/-0.717 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.027+/-0.606 χ^2/NDF: 3.3/3



Right In: -18.128+/-0.033 χ^2/NDF: 4550.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.863+/-0.035 χ^2/NDF: 451.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

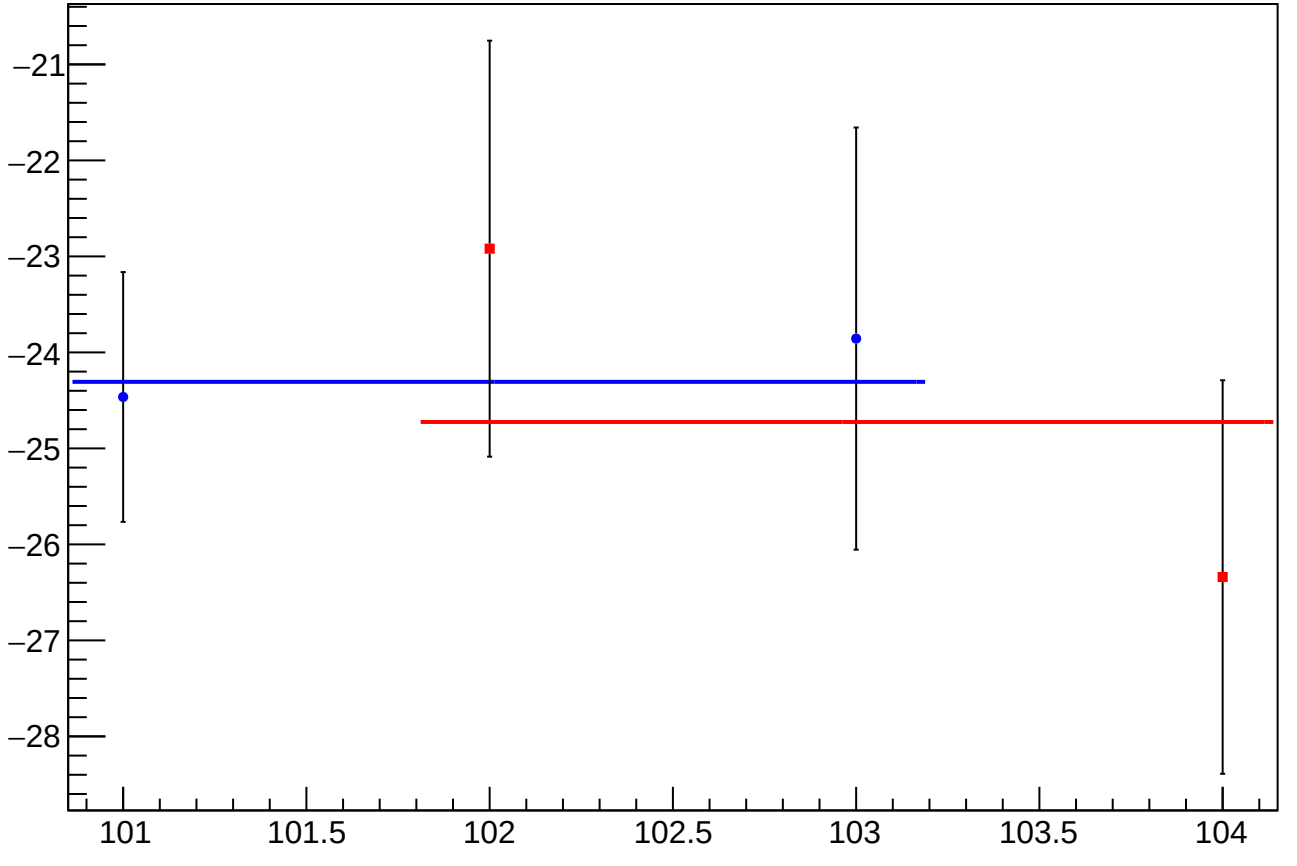
Right: -18.932+/-0.024 χ^2/NDF: 6299.9/3

In: -18.128+/-0.033 χ^2/NDF:4550.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -18.932+/-0.024 χ^2/NDF: 6299.9/3

reg_asym_left_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -24.307+/-1.120 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -24.725+/-1.489 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

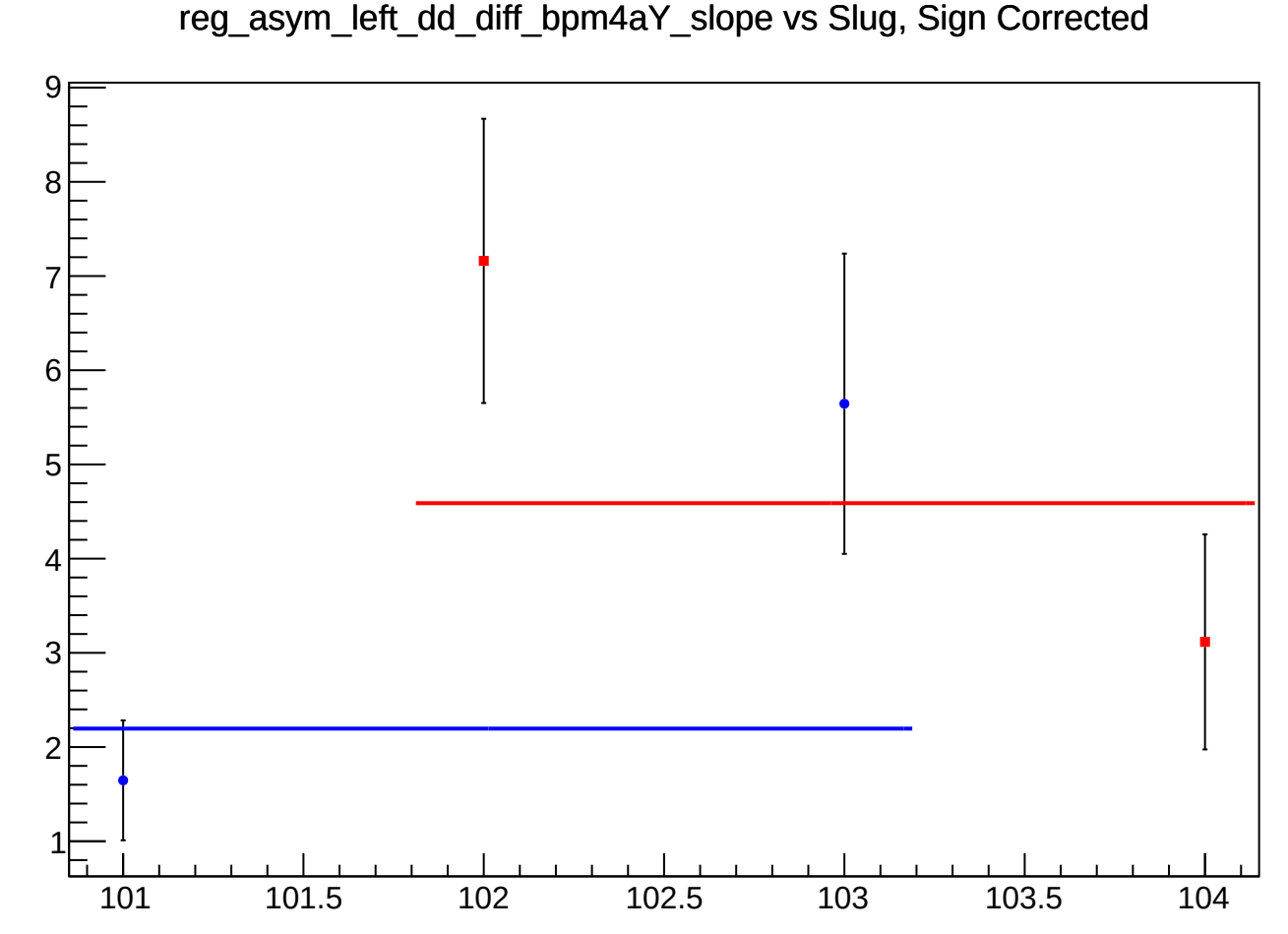
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -24.458+/-0.895 χ^2/NDF: 1.4/3

In: -24.307+/-1.120 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -24.458+/-0.895 χ^2/NDF: 1.4/3



Right In: 2.196+/-0.591 χ^2/NDF: 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.589+/-0.910 χ^2/NDF: 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

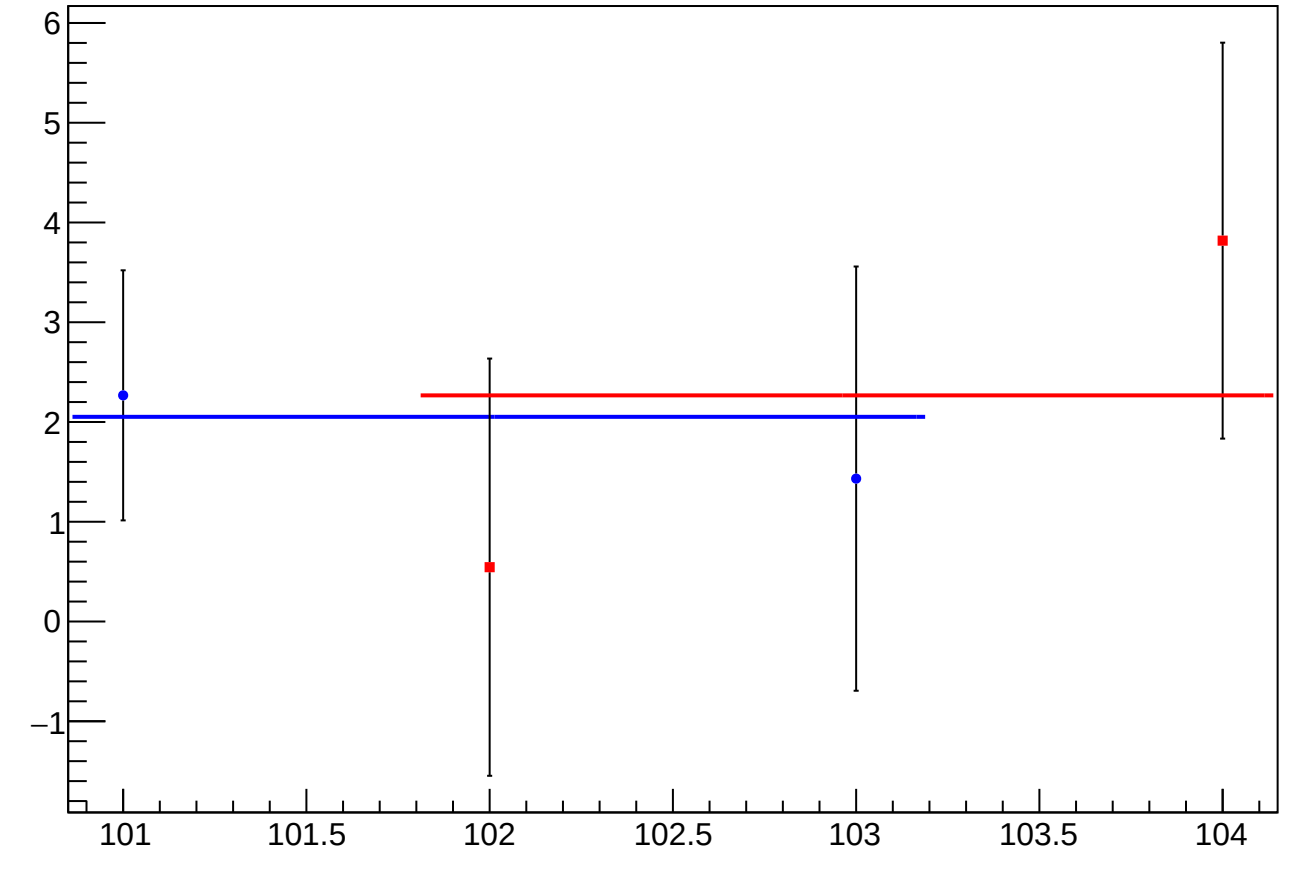
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.905+/-0.496 χ^2/NDF: 14.9/3

In: 2.196+/-0.591 χ^2/NDF:5.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.905+/-0.496 χ^2/NDF: 14.9/3



Right In: 2.052+/-1.080 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.267+/-1.440 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

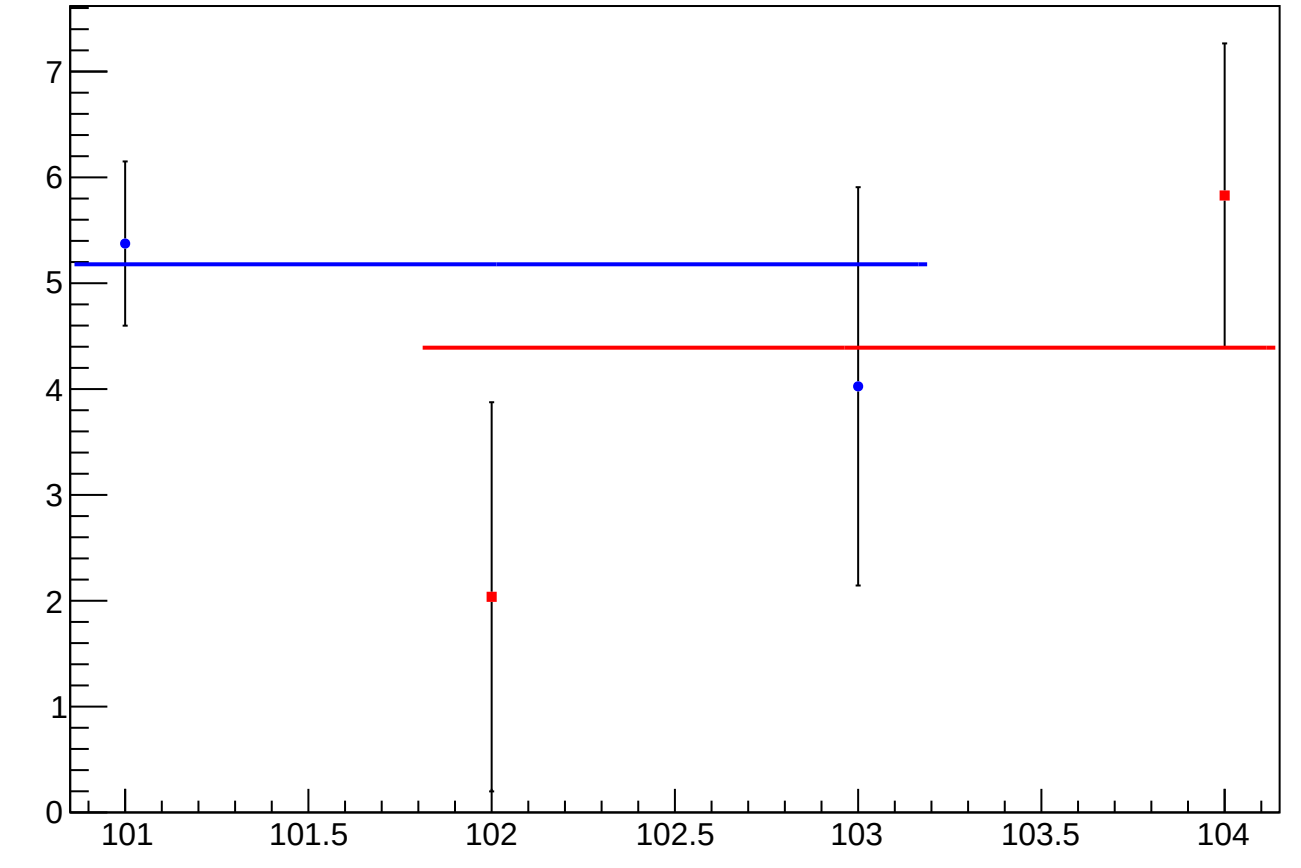
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.129+/-0.864 χ^2/NDF: 1.4/3

In: 2.052+/-1.080 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.129+/-0.864 χ^2/NDF: 1.4/3



Right In: 5.179+/-0.717 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.391+/-1.132 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

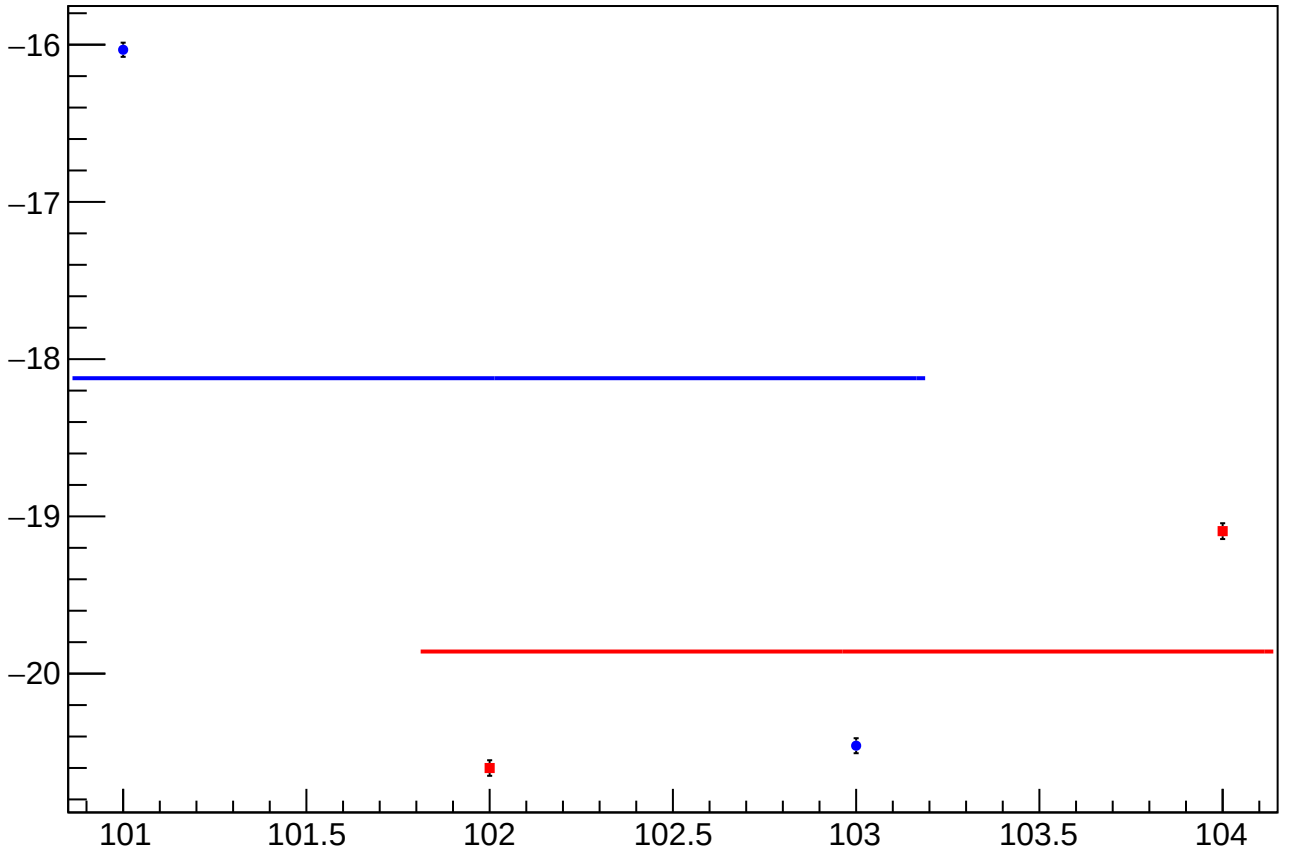
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 4.953+/-0.606 χ^2/NDF: 3.4/3

In: 5.179+/-0.717 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 4.953+/-0.606 χ^2/NDF: 3.4/3



Right In: -18.121+/-0.033 χ^2/NDF: 4547.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.859+/-0.035 χ^2/NDF: 456.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

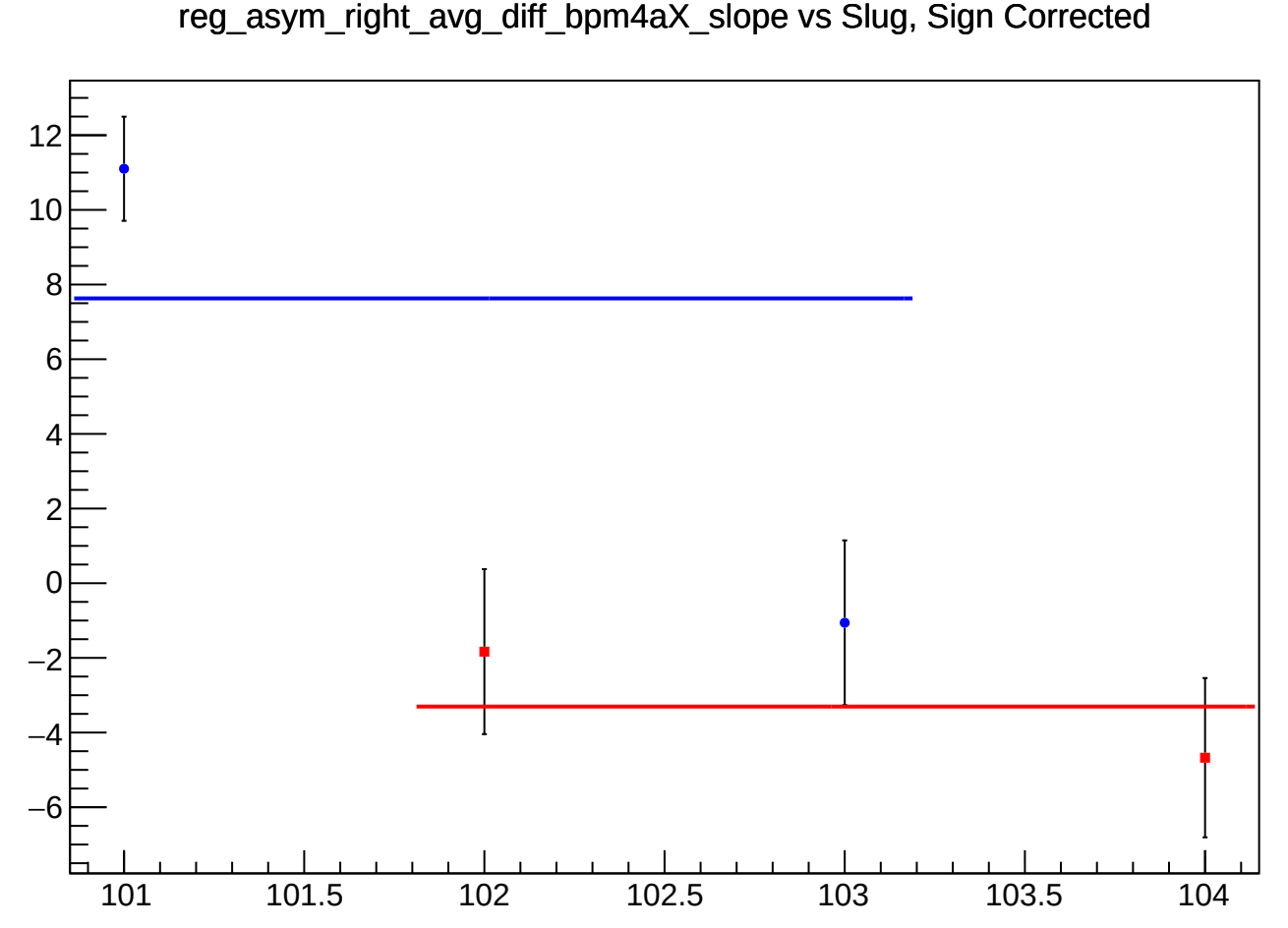
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -18.927+/-0.024 χ^2/NDF: 6307.2/3

In: -18.121+/-0.033 χ^2/NDF:4547.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -18.927+/-0.024 χ^2/NDF: 6307.2/3



Right In: 7.629+/-1.179 χ^2/NDF: 21.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.303+/-1.535 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

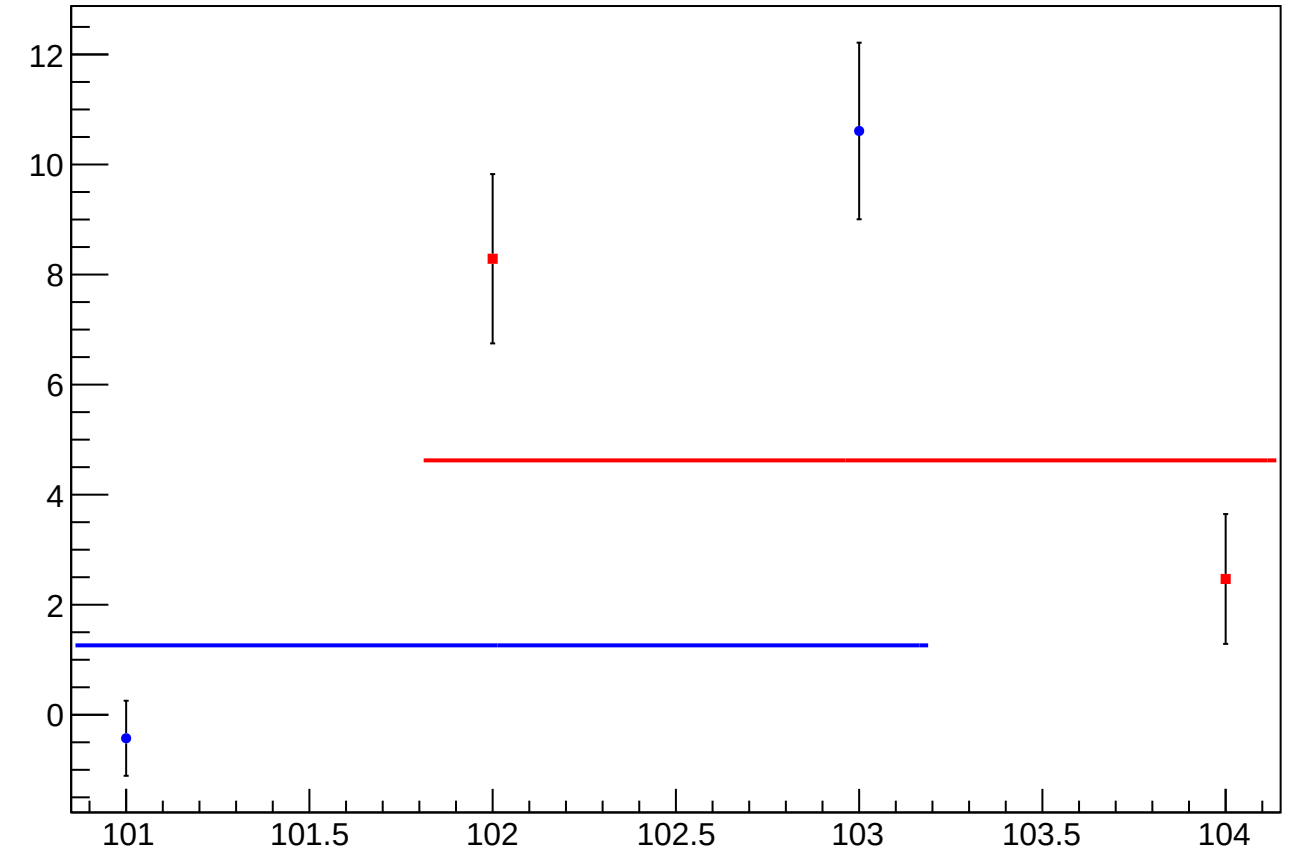
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.570+/-0.935 χ^2/NDF: 54.5/3

In: 7.629+/-1.179 χ^2/NDF:21.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.570+/-0.935 χ^2/NDF: 54.5/3



Right In: 1.262+/-0.628 χ^2/NDF: 40.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.623+/-0.936 χ^2/NDF: 9.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

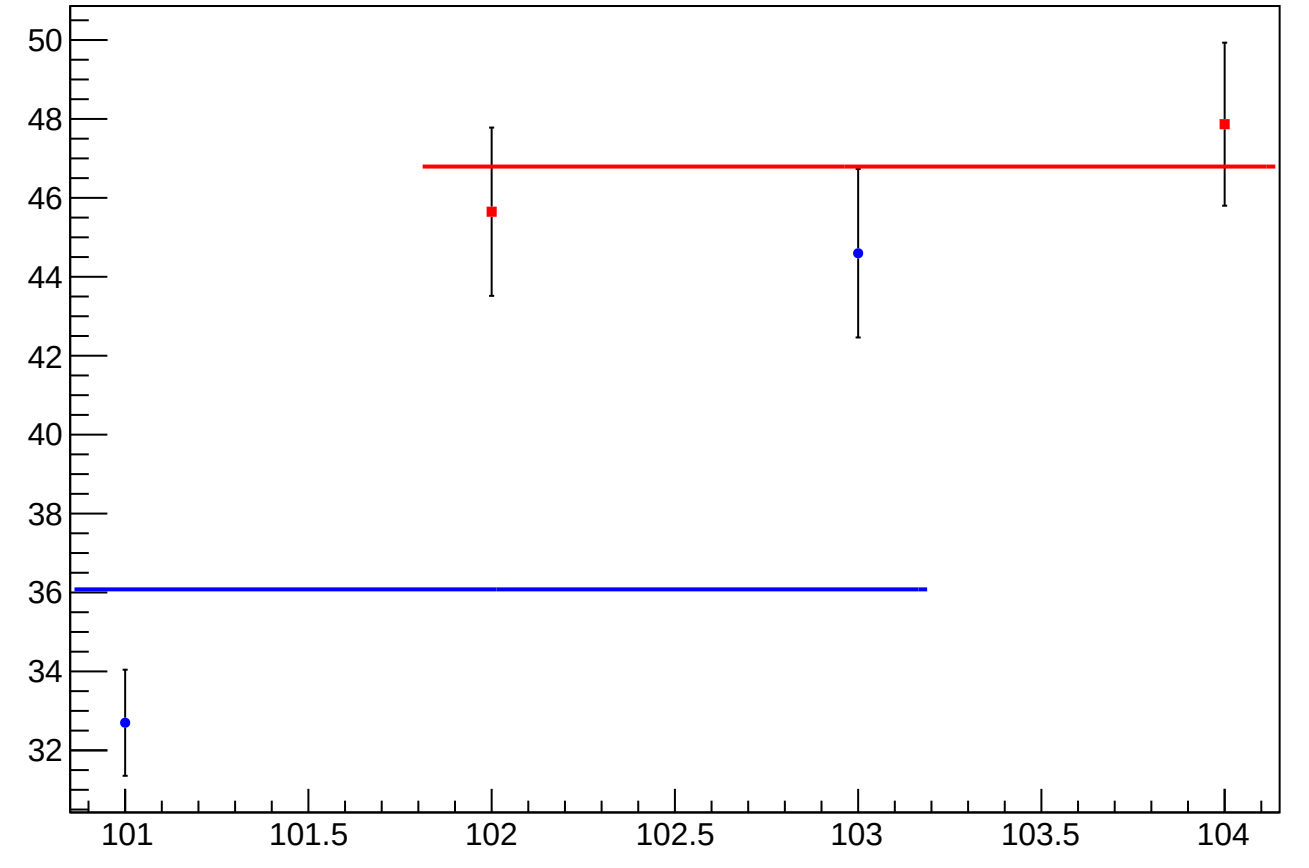
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.304+/-0.521 χ^2/NDF: 58.0/3

In: 1.262+/-0.628 χ^2/NDF:40.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.304+/-0.521 χ^2/NDF: 58.0/3



Right In: 36.079+/-1.137 χ^2/NDF: 22.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 46.793+/-1.484 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

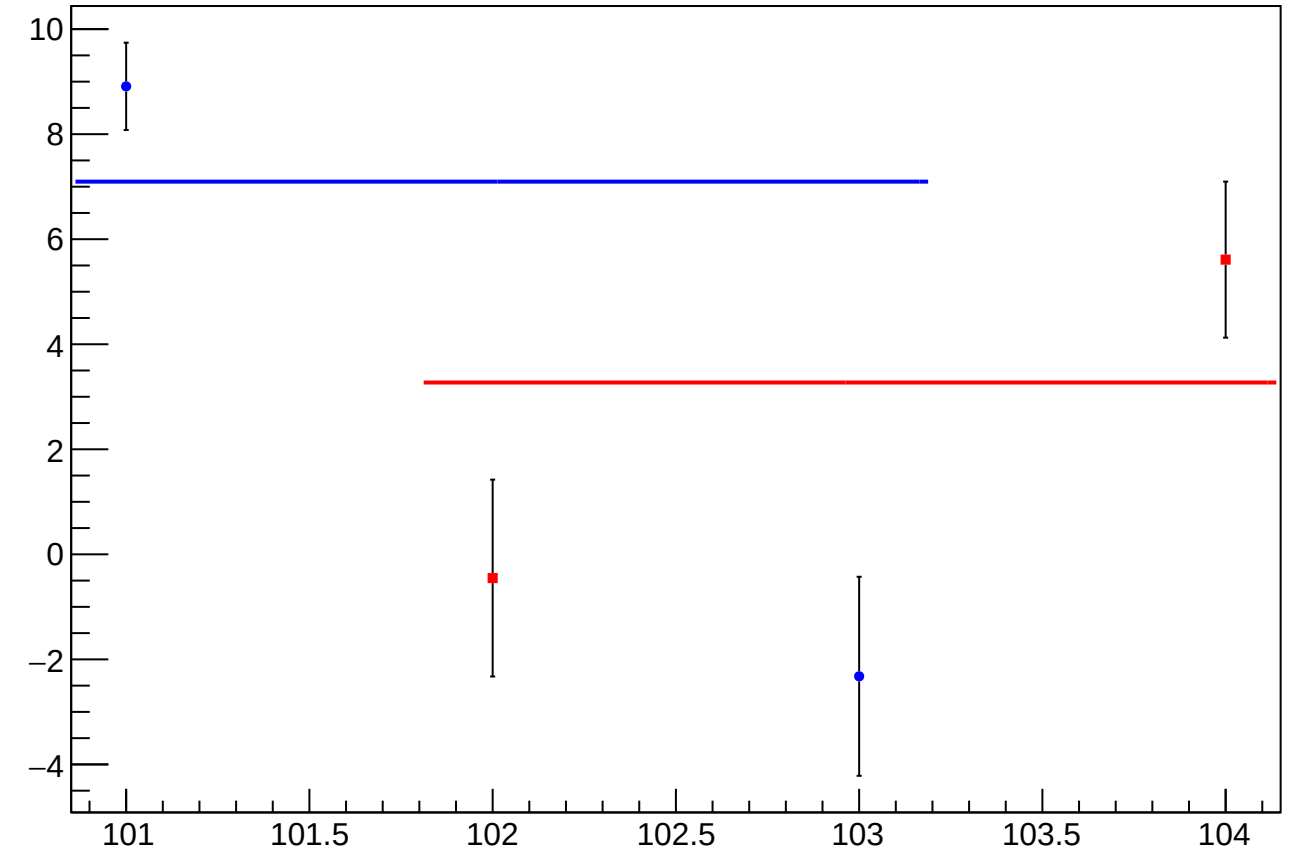
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 40.045+/-0.903 χ^2/NDF: 55.7/3

In: 36.079+/-1.137 χ^2/NDF:22.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 40.045+/-0.903 χ^2/NDF: 55.7/3



Right In: 7.096+/-0.762 χ^2/NDF: 29.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.272+/-1.164 χ^2/NDF: 6.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

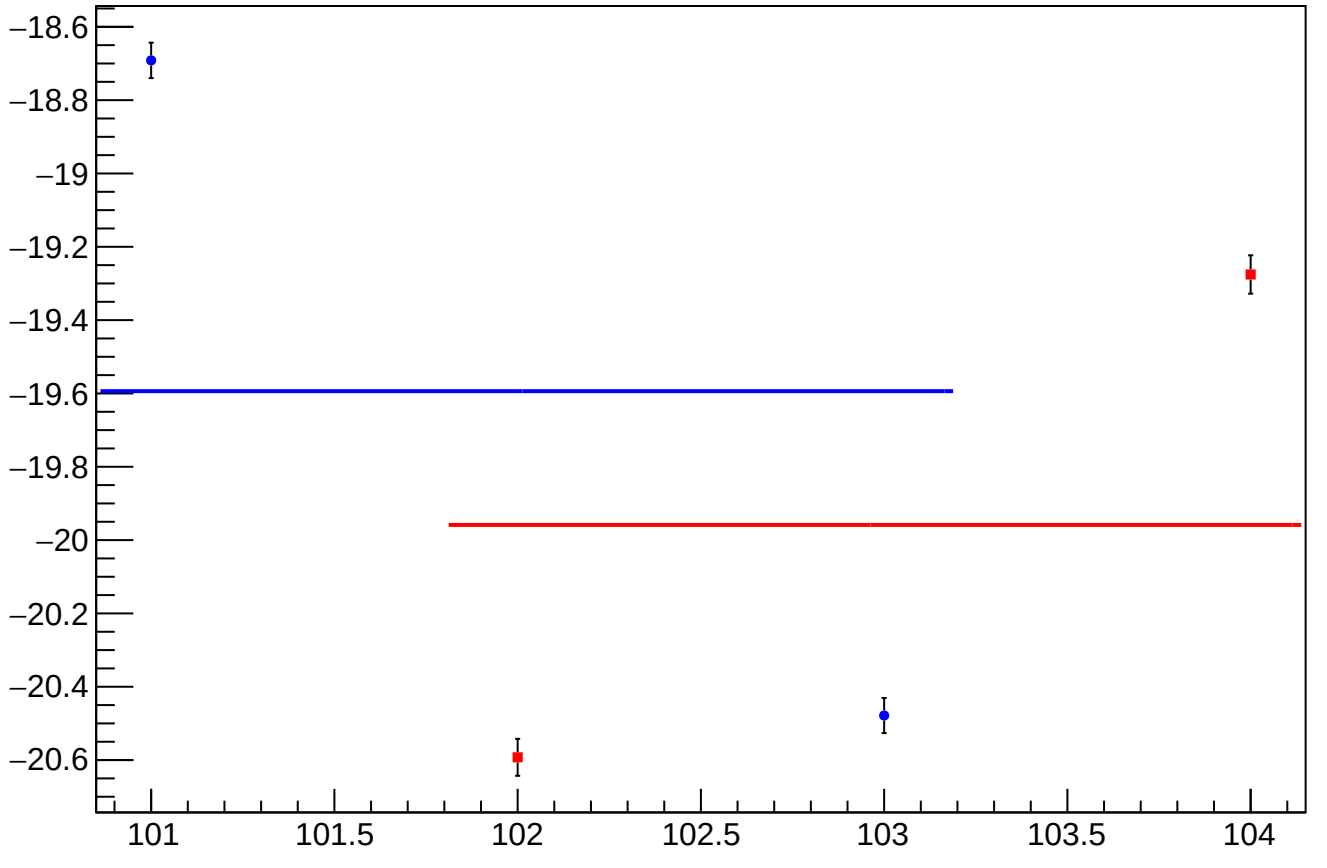
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.950+/-0.637 χ^2/NDF: 43.4/3

In: 7.096+/-0.762 χ^2/NDF:29.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.950+/-0.637 χ^2/NDF: 43.4/3



Right In: -19.594+/-0.034 χ^2/NDF: 690.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.959+/-0.036 χ^2/NDF: 328.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

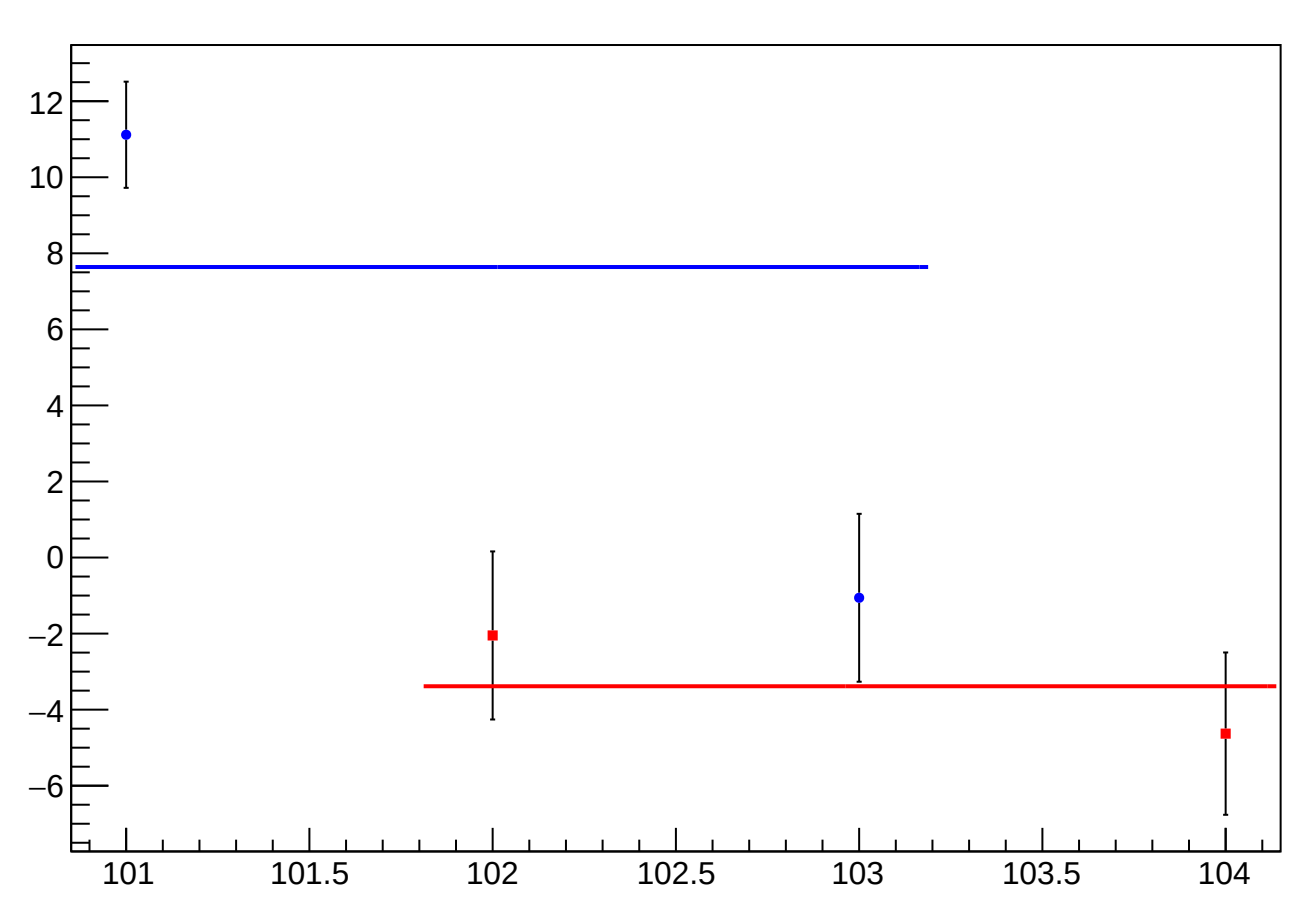
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -19.764+/-0.025 χ^2/NDF: 1072.2/3

In: -19.594+/-0.034 χ^2/NDF:690.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.764+/-0.025 χ^2/NDF: 1072.2/3



Right In: 7.640+/-1.180 χ^2/NDF: 21.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.385+/-1.535 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

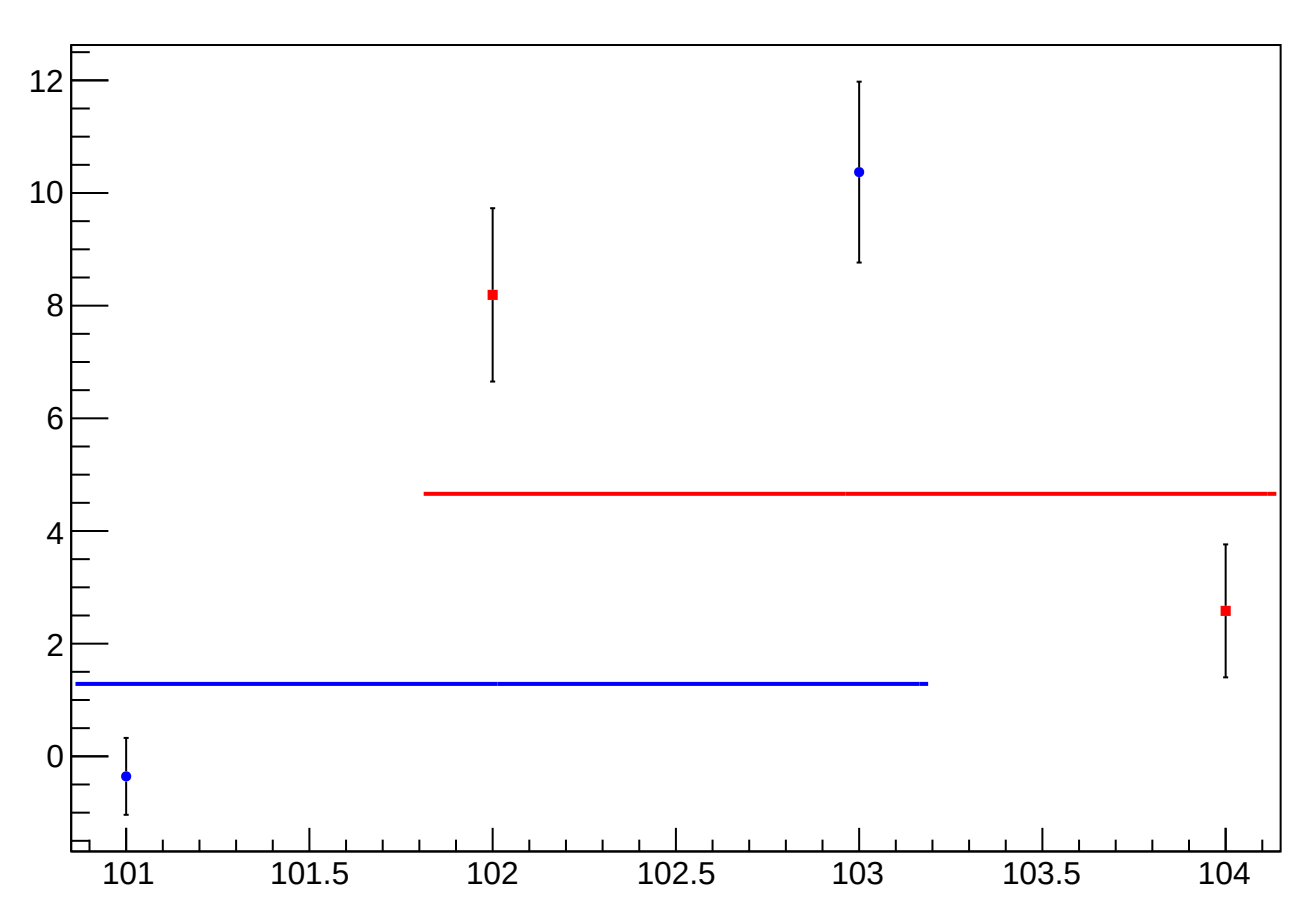
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 3.546+/-0.936 χ^2/NDF: 54.9/3

In: 7.640+/-1.180 χ^2/NDF:21.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.546+/-0.936 χ^2/NDF: 54.9/3



Right In: 1.286+/-0.628 χ^2/NDF: 37.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.660+/-0.936 χ^2/NDF: 8.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

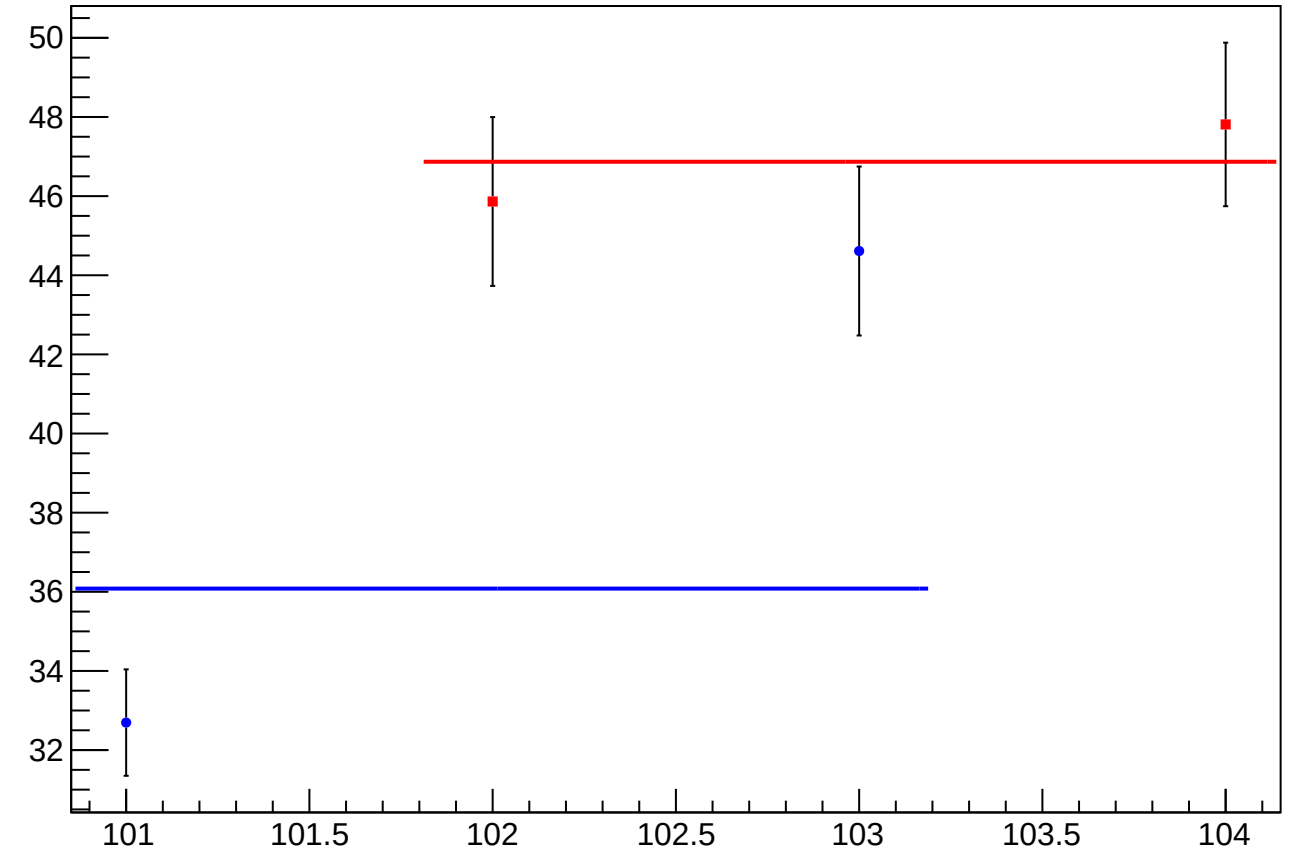
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.332+/-0.522 χ^2/NDF: 55.1/3

In: 1.286+/-0.628 χ^2/NDF:37.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.332+/-0.522 χ^2/NDF: 55.1/3



Right In: 36.081+/-1.138 χ^2/NDF: 22.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 46.869+/-1.484 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

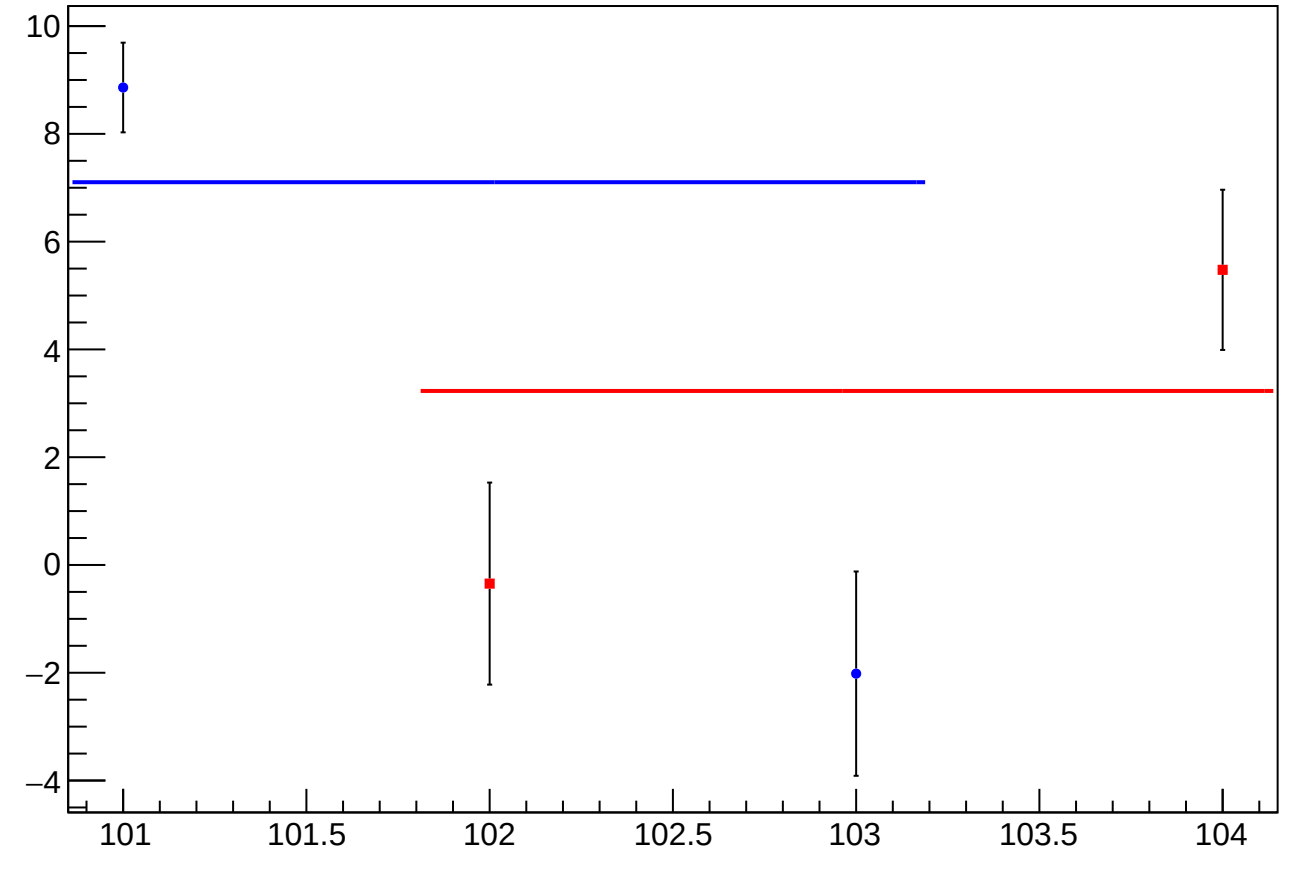
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 40.075+/-0.903 χ^2/NDF: 56.0/3

In: 36.081+/-1.138 χ^2/NDF:22.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 40.075+/-0.903 χ^2/NDF: 56.0/3



Right In: 7.103+/-0.762 χ^2/NDF: 27.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 3.229+/-1.165 χ^2/NDF: 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

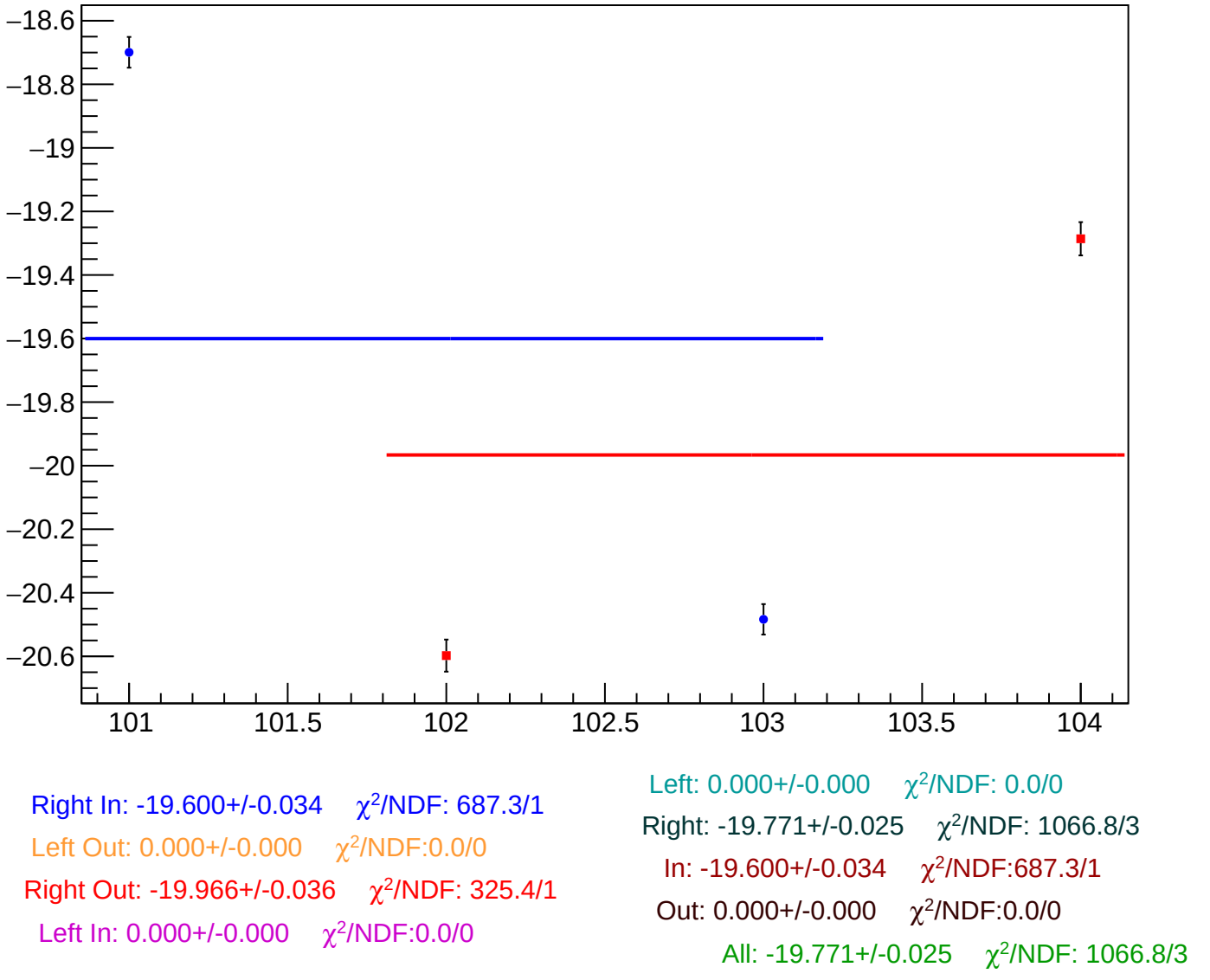
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

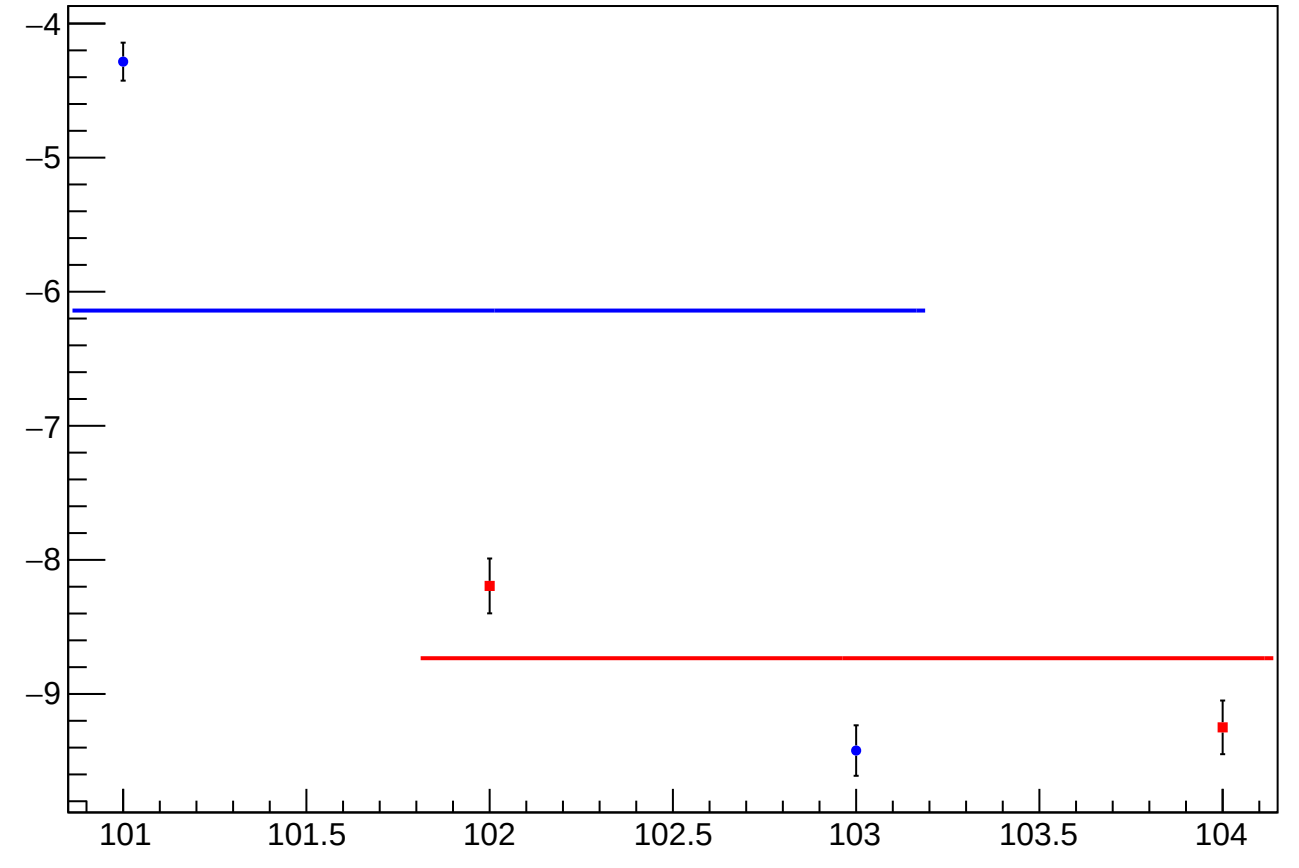
Right: 5.942+/-0.638 χ^2/NDF: 41.3/3

In: 7.103+/-0.762 χ^2/NDF:27.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.942+/-0.638 χ^2/NDF: 41.3/3


reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected
−18.6
−18.8
−19
−19.2
−19.4
−19.6
−19.8
−20
−20.2
−20.4
−20.6
101
101.5
102
102.5
103
103.5
104
Right In: -19.600+/-0.034 χ²/NDF: 687.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -19.966+/-0.036 χ²/NDF: 325.4/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -19.771+/-0.025 χ²/NDF: 1066.8/3
In: -19.600+/-0.034 χ²/NDF:687.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -19.771+/-0.025 χ²/NDF: 1066.8/3



Right In: -6.141+/-0.113 χ^2/NDF: 475.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.733+/-0.143 χ^2/NDF: 13.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

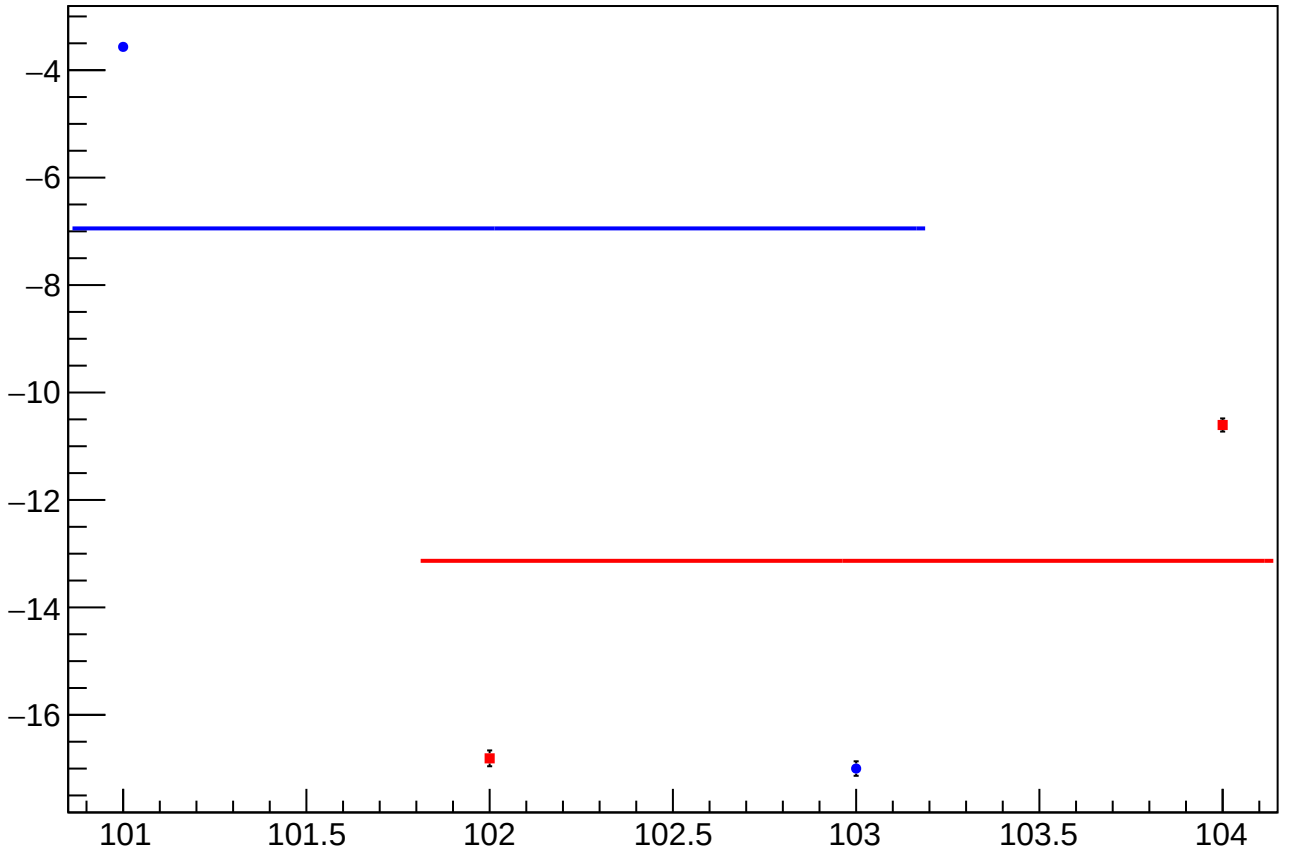
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.139+/-0.089 χ^2/NDF: 691.2/3

In: -6.141+/-0.113 χ^2/NDF:475.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.139+/-0.089 χ^2/NDF: 691.2/3



Right In: -6.946+/-0.068 χ^2/NDF: 7413.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -13.133+/-0.094 χ^2/NDF: 1050.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

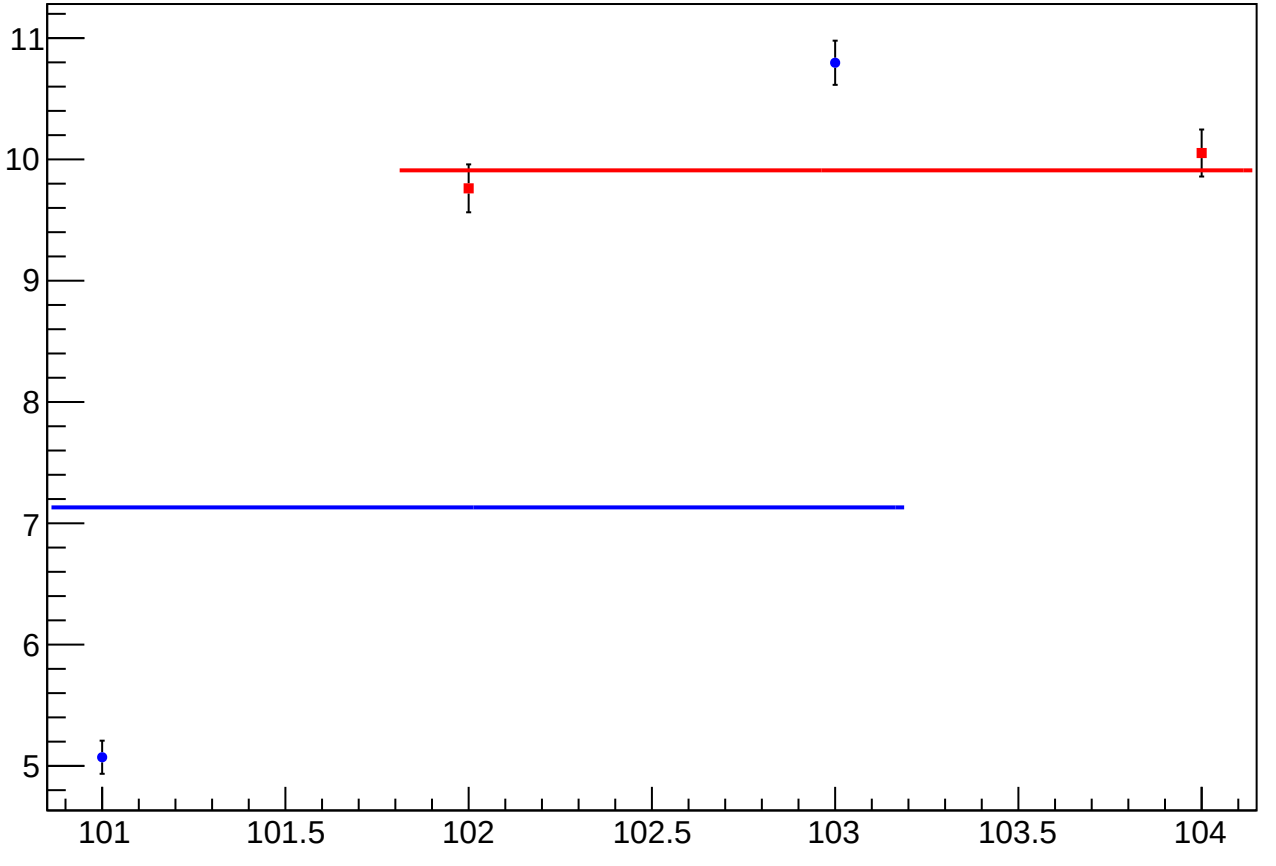
Right: -9.057+/-0.055 χ^2/NDF: 11314.6/3

In: -6.946+/-0.068 χ^2/NDF:7413.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.057+/-0.055 χ^2/NDF: 11314.6/3

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.131+/-0.109 χ^2/NDF: 632.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 9.910+/-0.138 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

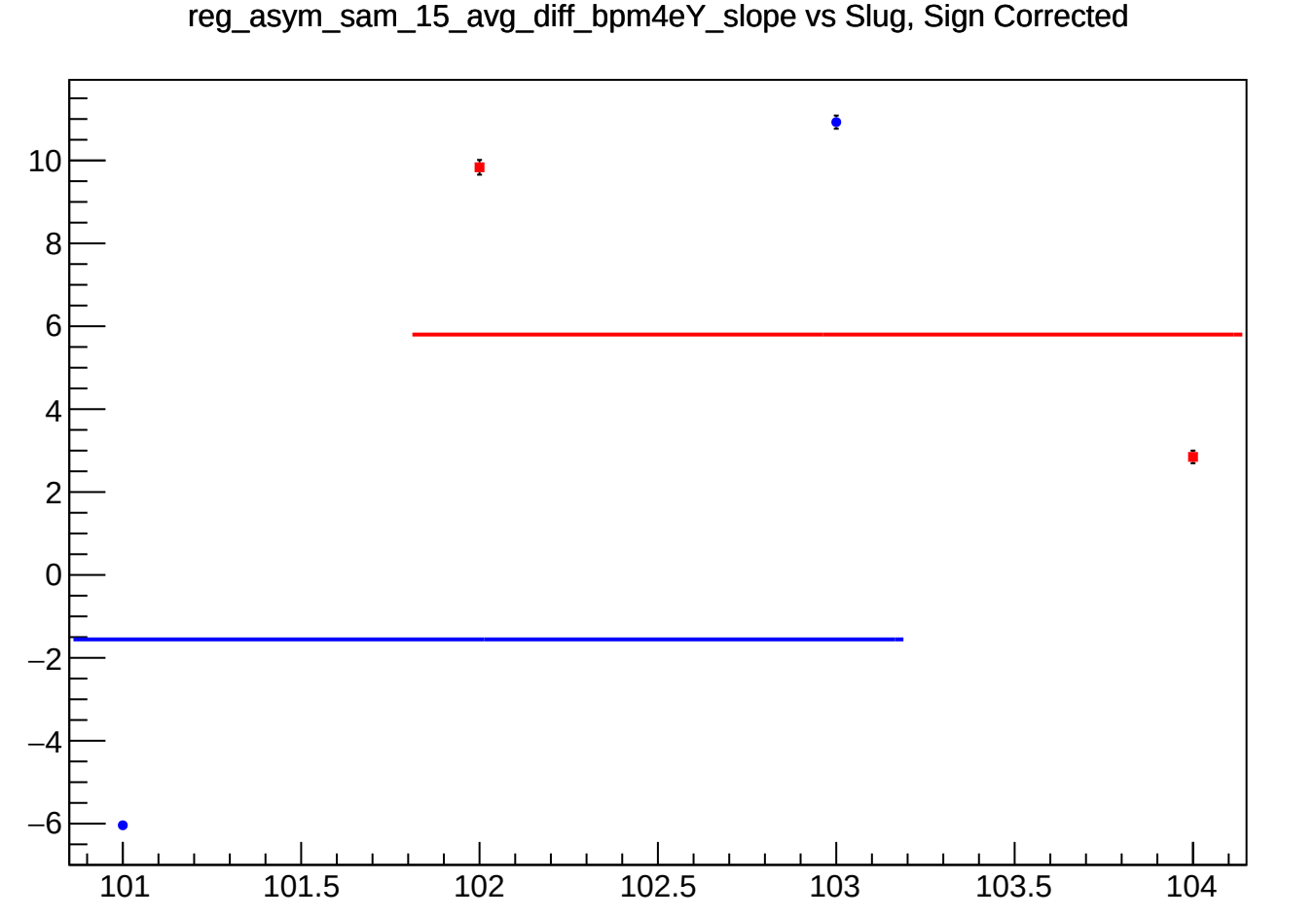
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 8.199+/-0.086 χ^2/NDF: 882.5/3

In: 7.131+/-0.109 χ^2/NDF:632.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 8.199+/-0.086 χ^2/NDF: 882.5/3



Right In: -1.555+/-0.082 χ^2/NDF: 8353.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.800+/-0.116 χ^2/NDF: 888.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

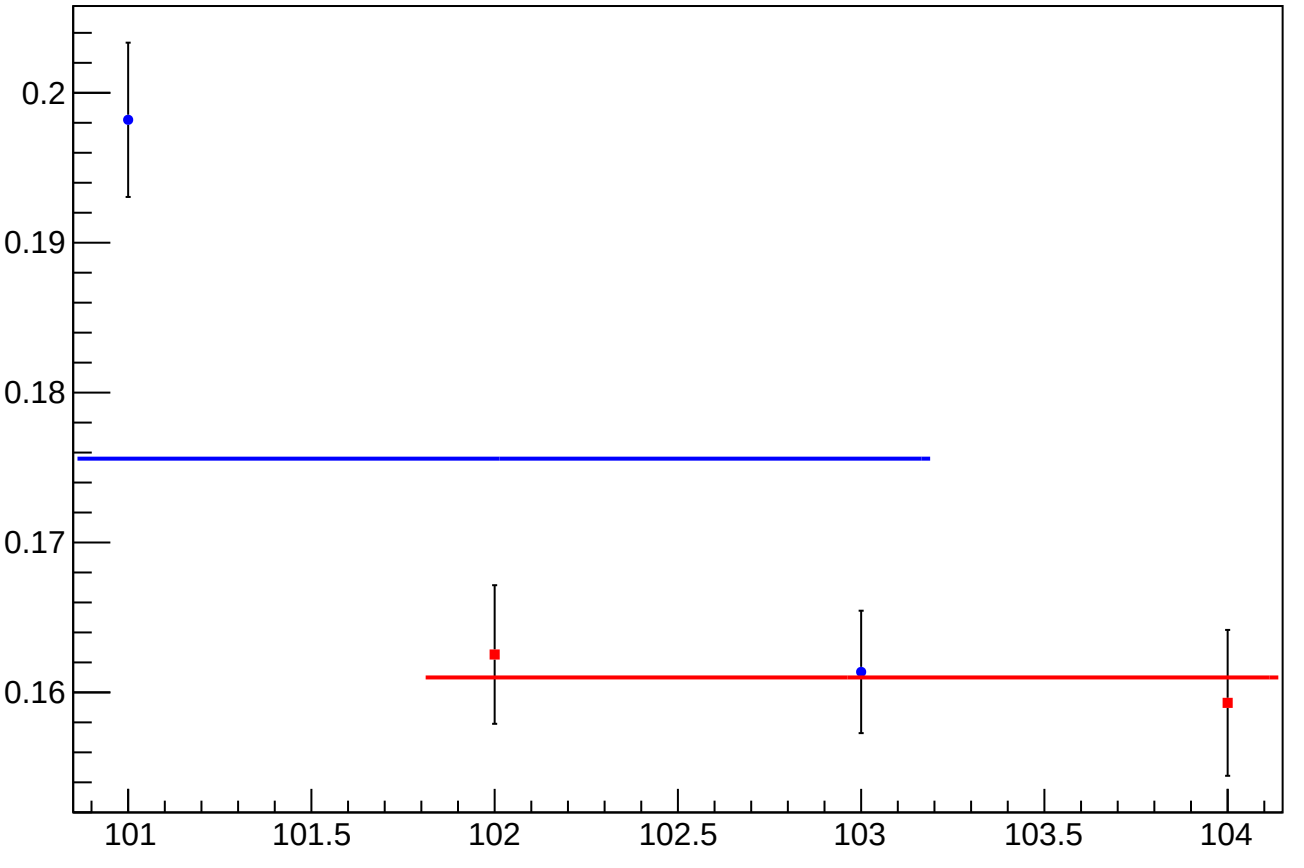
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.896+/-0.067 χ^2/NDF: 11931.5/3

In: -1.555+/-0.082 χ^2/NDF:8353.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.896+/-0.067 χ^2/NDF: 11931.5/3



Right In: 0.176+/-0.003 χ^2/NDF: 31.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.161+/-0.003 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

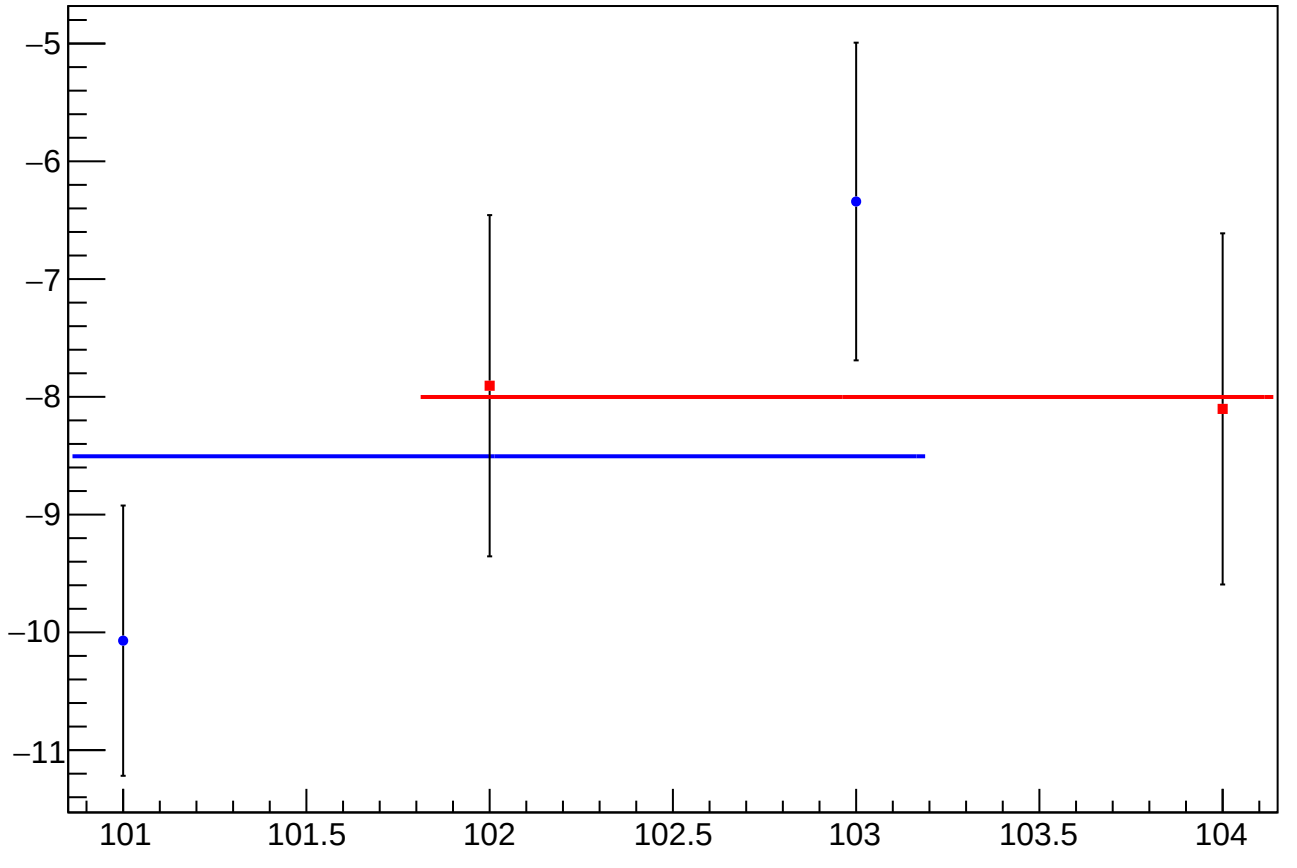
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.169+/-0.002 χ^2/NDF: 41.6/3

In: 0.176+/-0.003 χ^2/NDF:31.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.169+/-0.002 χ^2/NDF: 41.6/3



Right In: -8.505+/-0.874 χ^2/NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.001+/-1.039 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

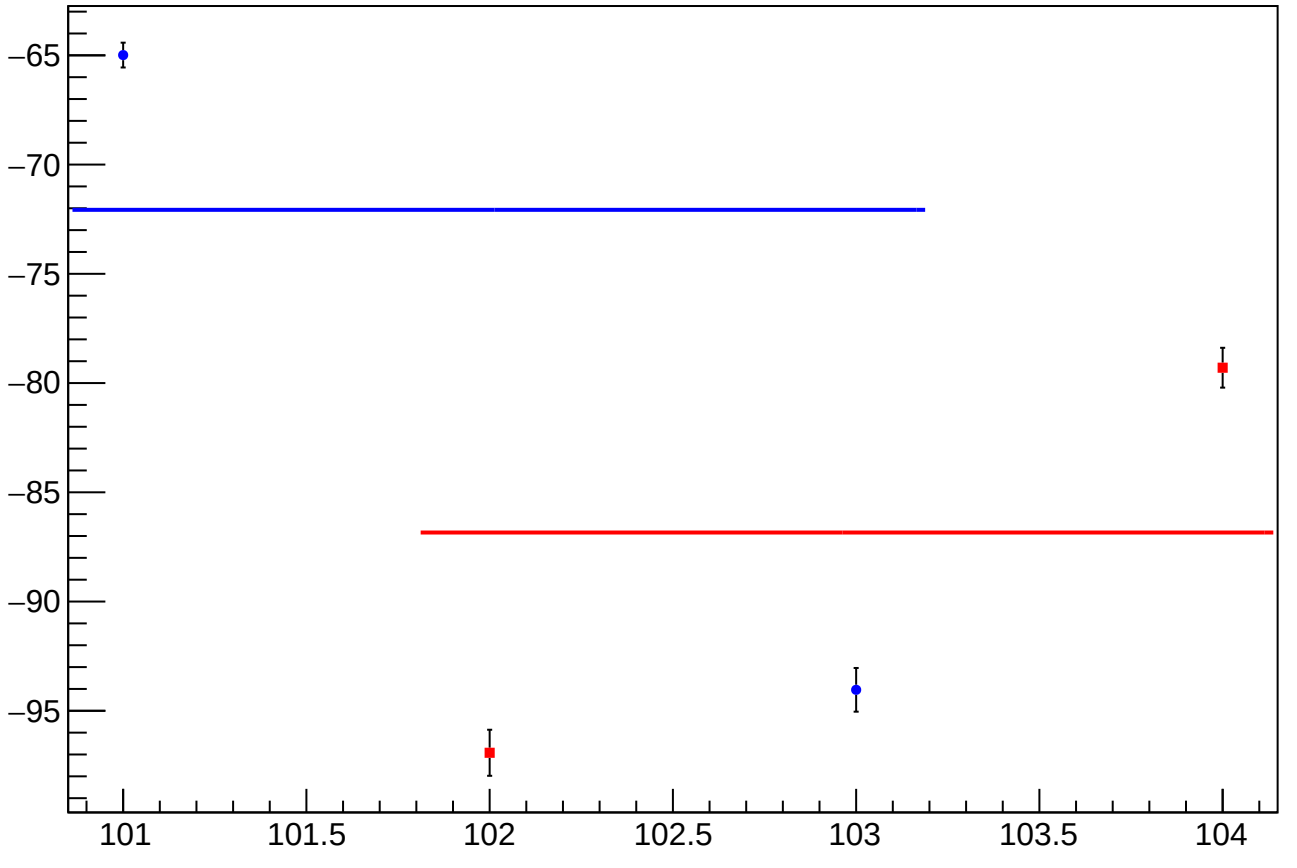
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.296+/-0.669 χ^2/NDF: 4.6/3

In: -8.505+/-0.874 χ^2/NDF:4.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.296+/-0.669 χ^2/NDF: 4.6/3



Right In: -72.071+/-0.494 χ^2/NDF: 638.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -86.840+/-0.689 χ^2/NDF: 160.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

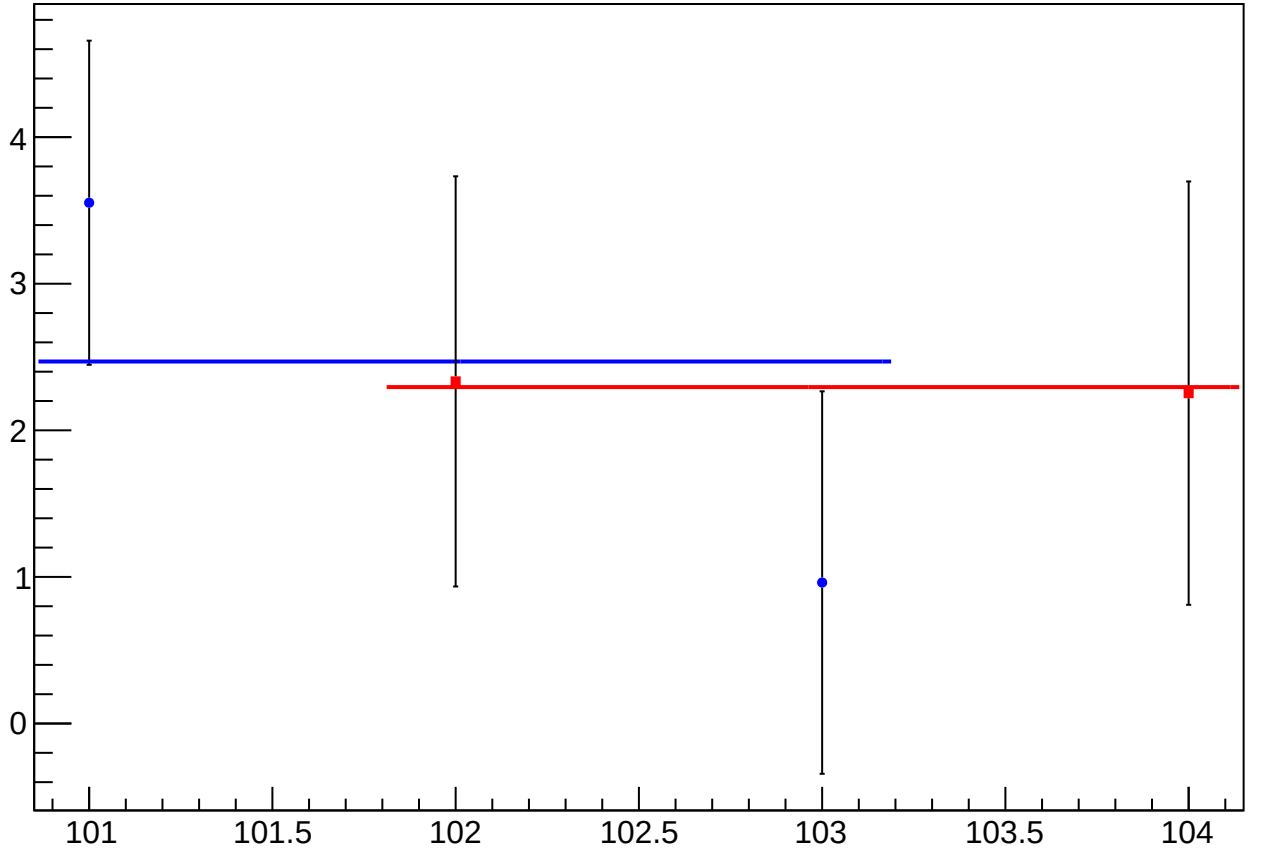
Right: -77.079+/-0.401 χ^2/NDF: 1101.7/3

In: -72.071+/-0.494 χ^2/NDF:638.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -77.079+/-0.401 χ^2/NDF: 1101.7/3

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.469+/-0.843 χ^2/NDF: 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.295+/-1.005 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

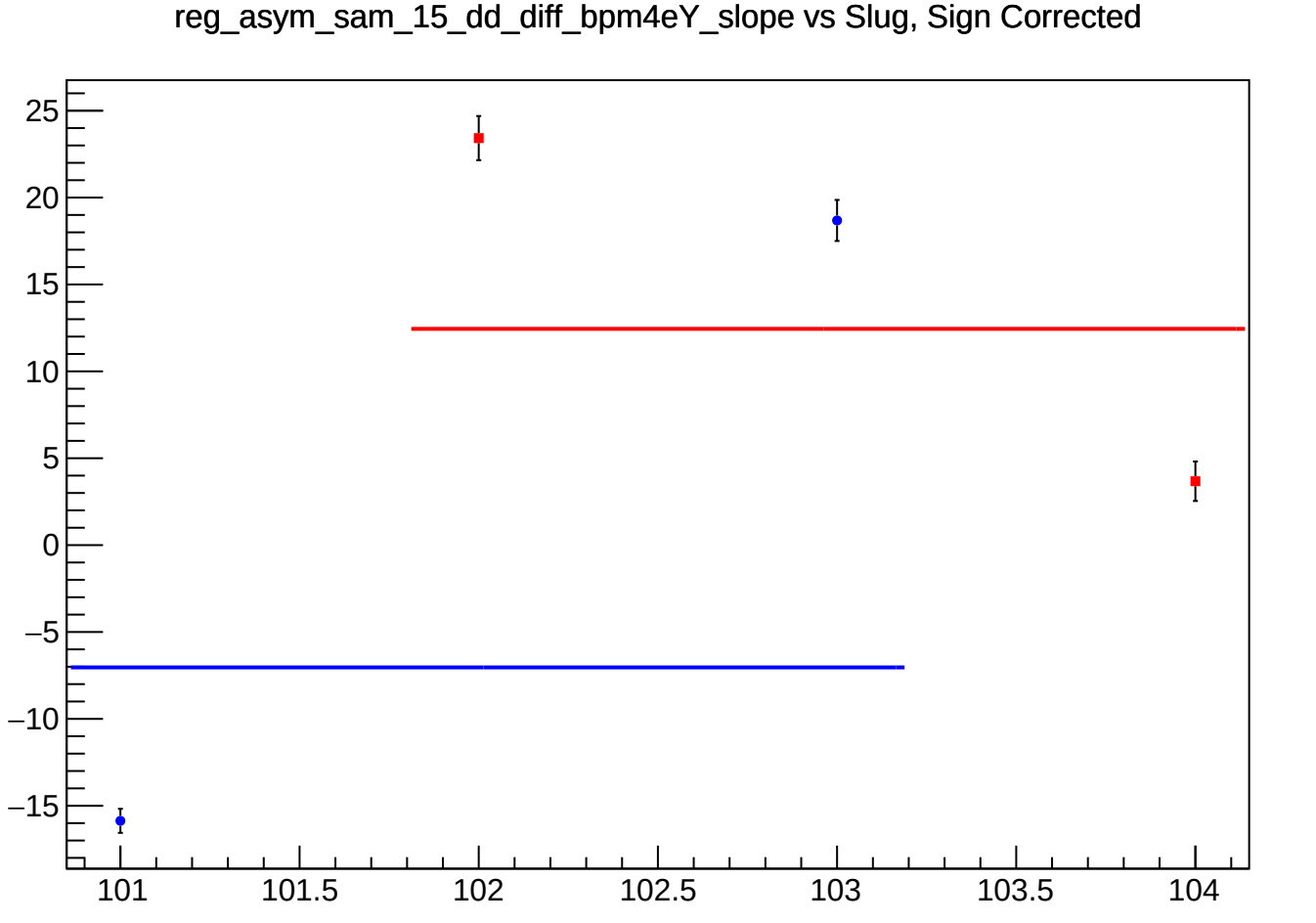
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

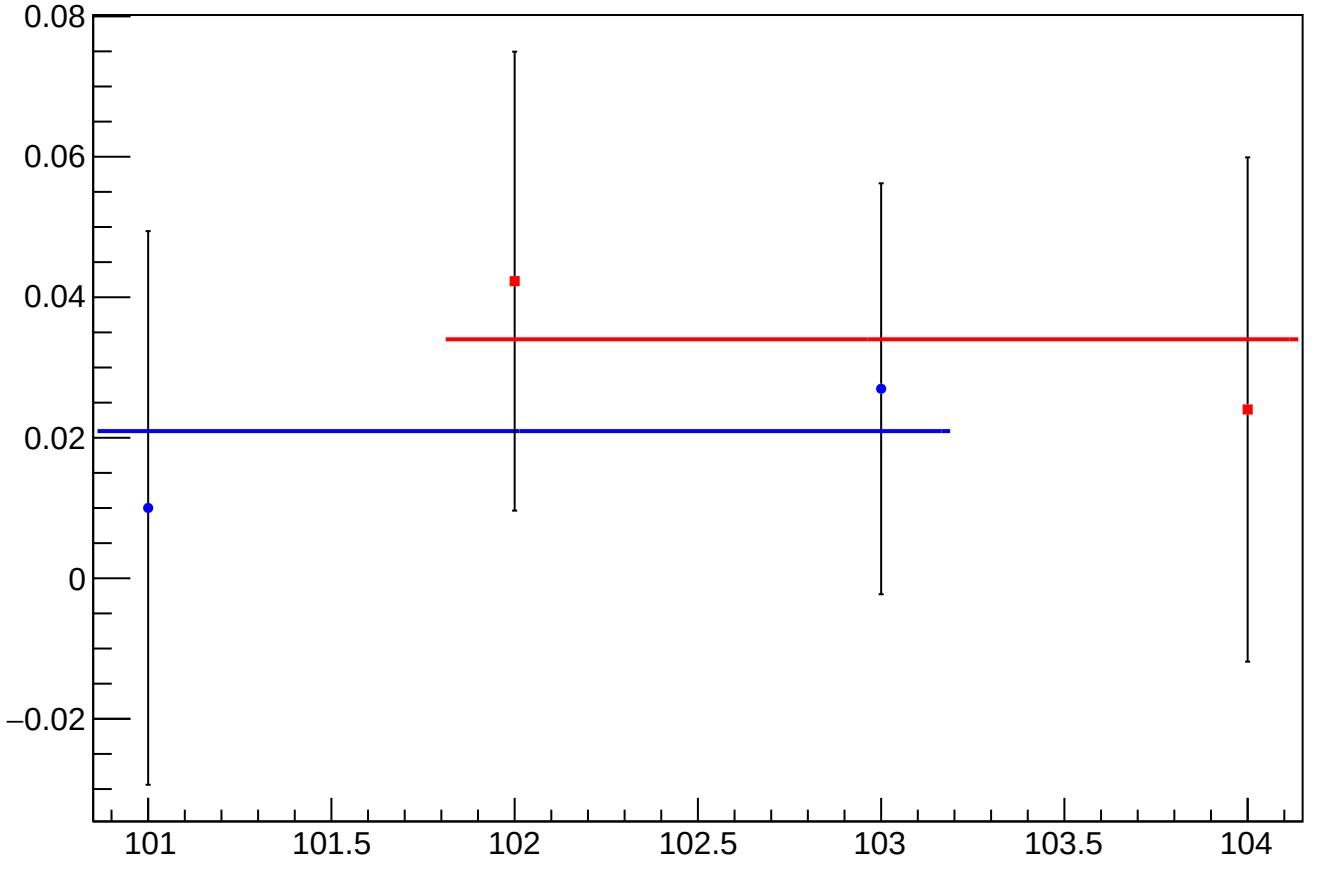
Right: 2.397+/-0.646 χ^2/NDF: 2.3/3

In: 2.469+/-0.843 χ^2/NDF:2.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.397+/-0.646 χ^2/NDF: 2.3/3


reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
25
20
15
10
5
0
−5
−10
−15
101
101.5
102
102.5
103
103.5
104
Right In: -7.037+/-0.597 χ²/NDF: 637.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 12.445+/-0.847 χ²/NDF: 134.3/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -0.569+/-0.488 χ²/NDF: 1125.3/3
In: -7.037+/-0.597 χ²/NDF:637.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -0.569+/-0.488 χ²/NDF: 1125.3/3



Right In: 0.021+/-0.023 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.034+/-0.024 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

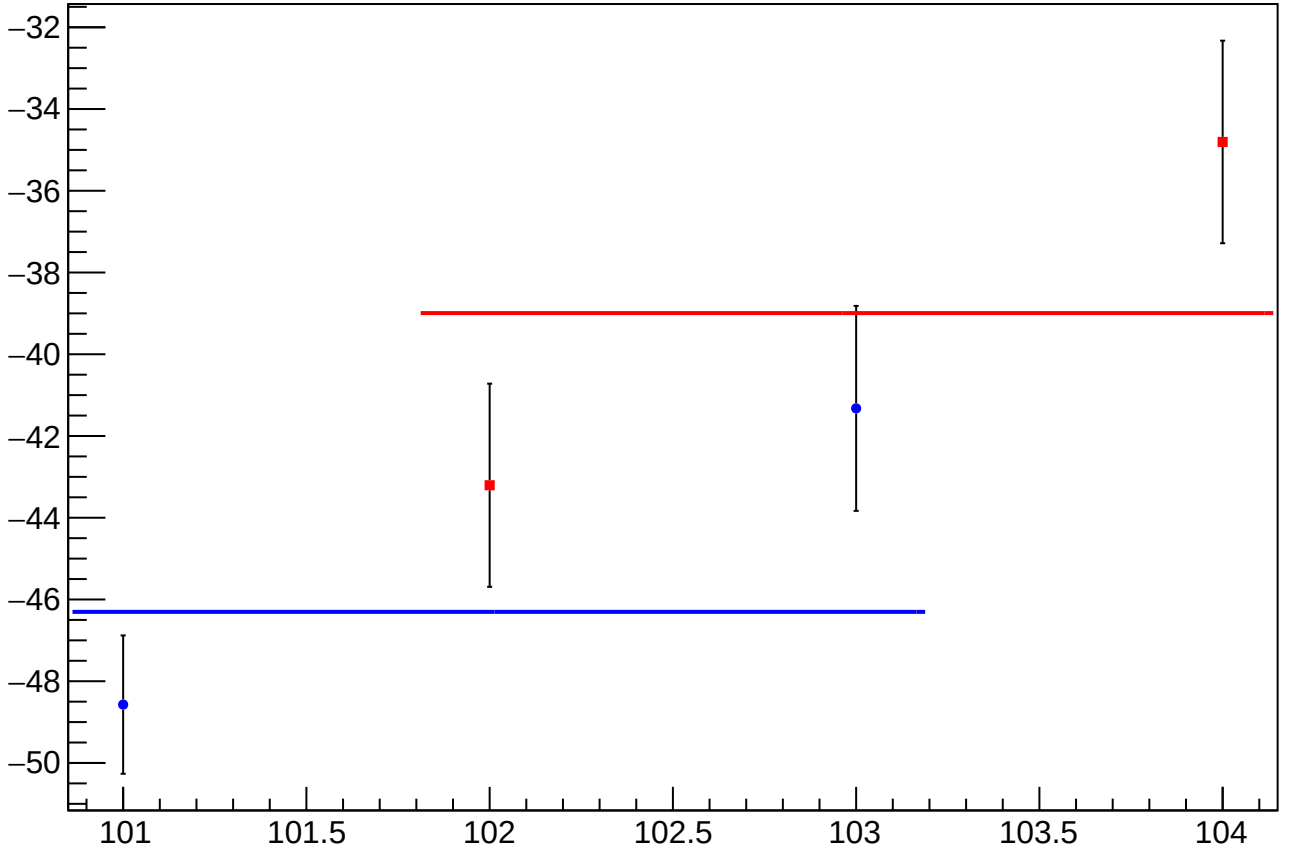
Right: 0.027+/-0.017 χ^2/NDF: 0.4/3

In: 0.021+/-0.023 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.027+/-0.017 χ^2/NDF: 0.4/3

reg_asym_sam_37_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -46.303+/-1.403 χ^2/NDF: 5.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -38.993+/-1.755 χ^2/NDF: 5.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

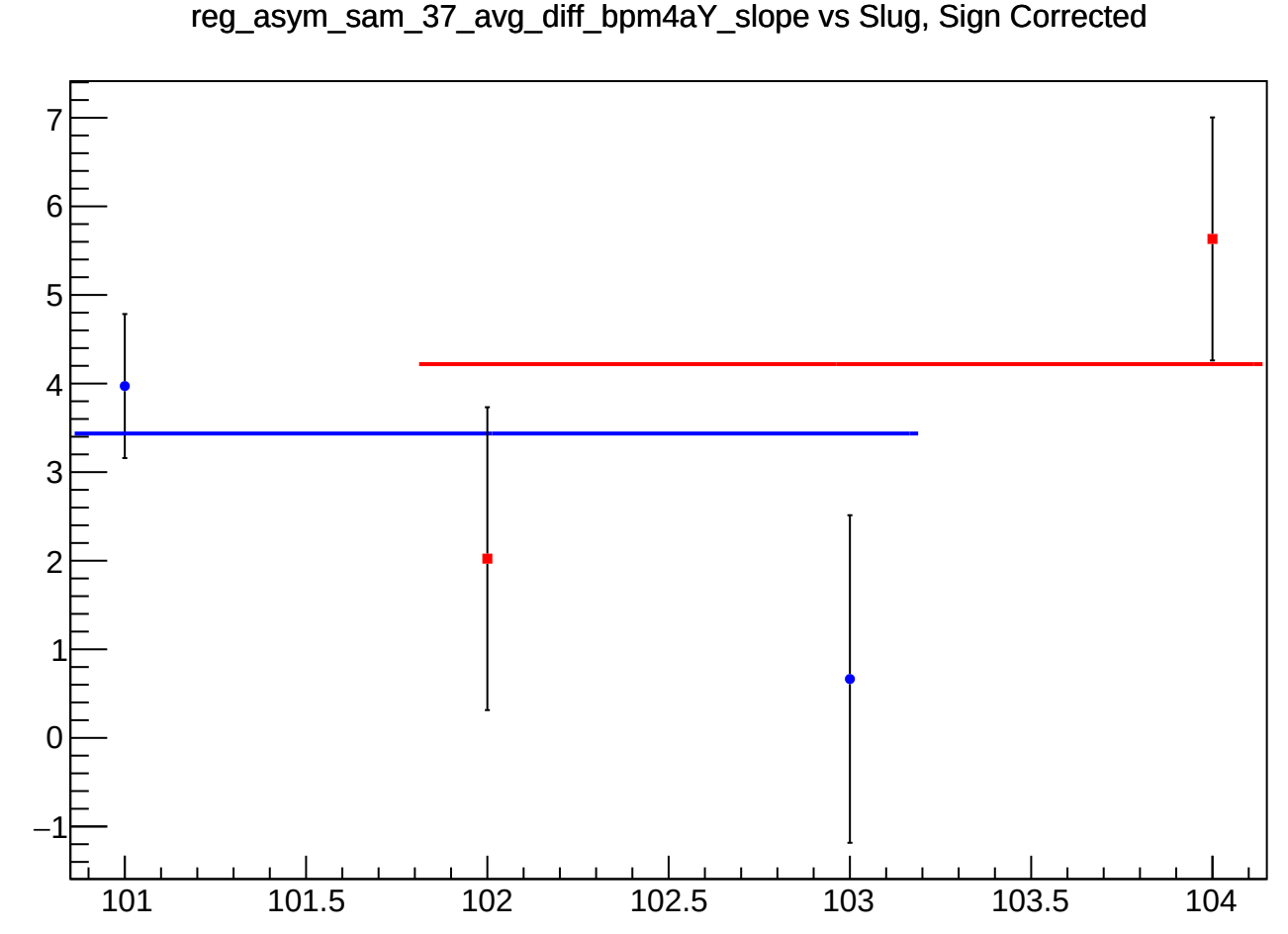
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -43.452+/-1.096 χ^2/NDF: 22.0/3

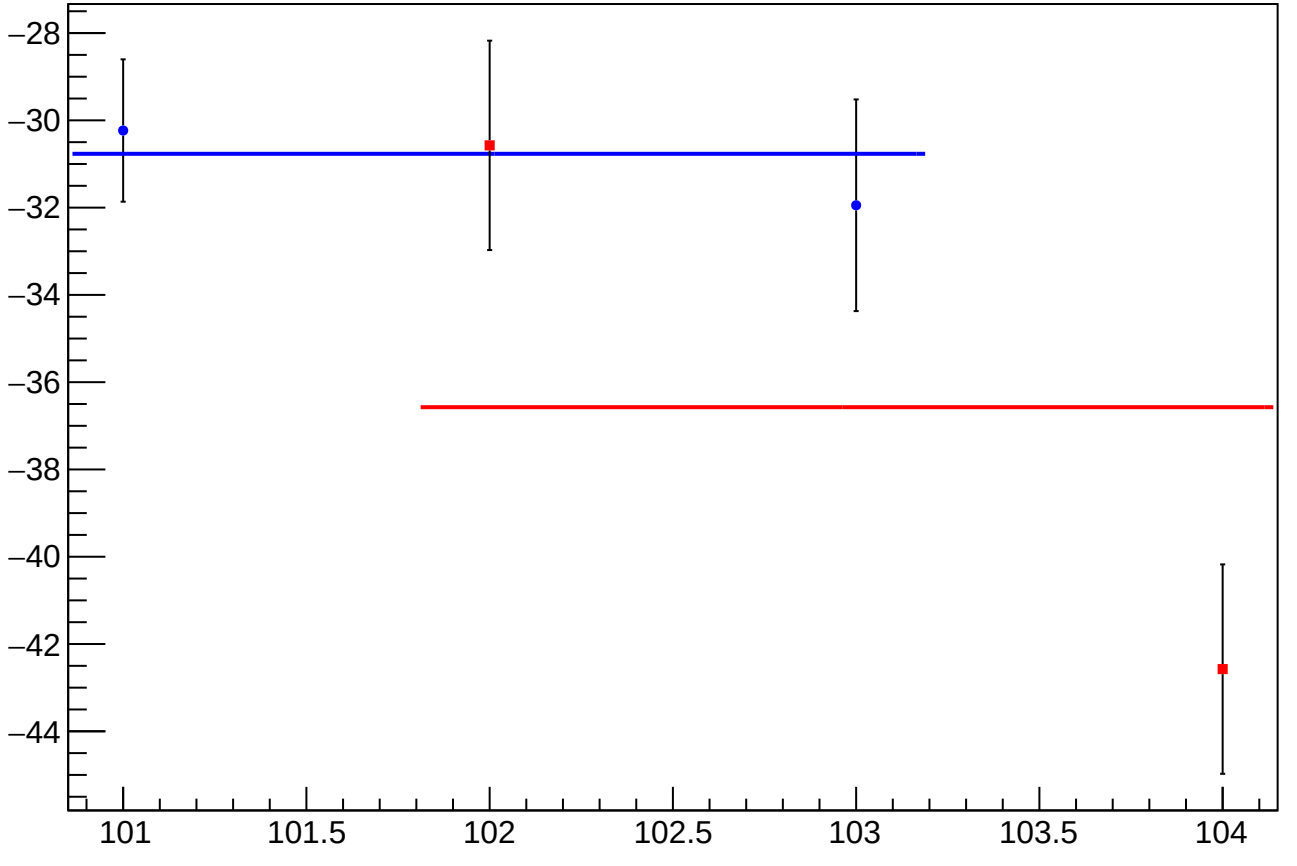
In: -46.303+/-1.403 χ^2/NDF:5.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -43.452+/-1.096 χ^2/NDF: 22.0/3


reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
7
6
5
4
3
2
1
0
−1
101
101.5
102
102.5
103
103.5
104
Right In: 3.436+/-0.744 χ²/NDF: 2.7/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 4.219+/-1.070 χ²/NDF: 2.7/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 3.691+/-0.611 χ²/NDF: 5.8/3
In: 3.436+/-0.744 χ²/NDF:2.7/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 3.691+/-0.611 χ²/NDF: 5.8/3

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -30.767+/-1.353 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36.573+/-1.697 χ^2/NDF: 12.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

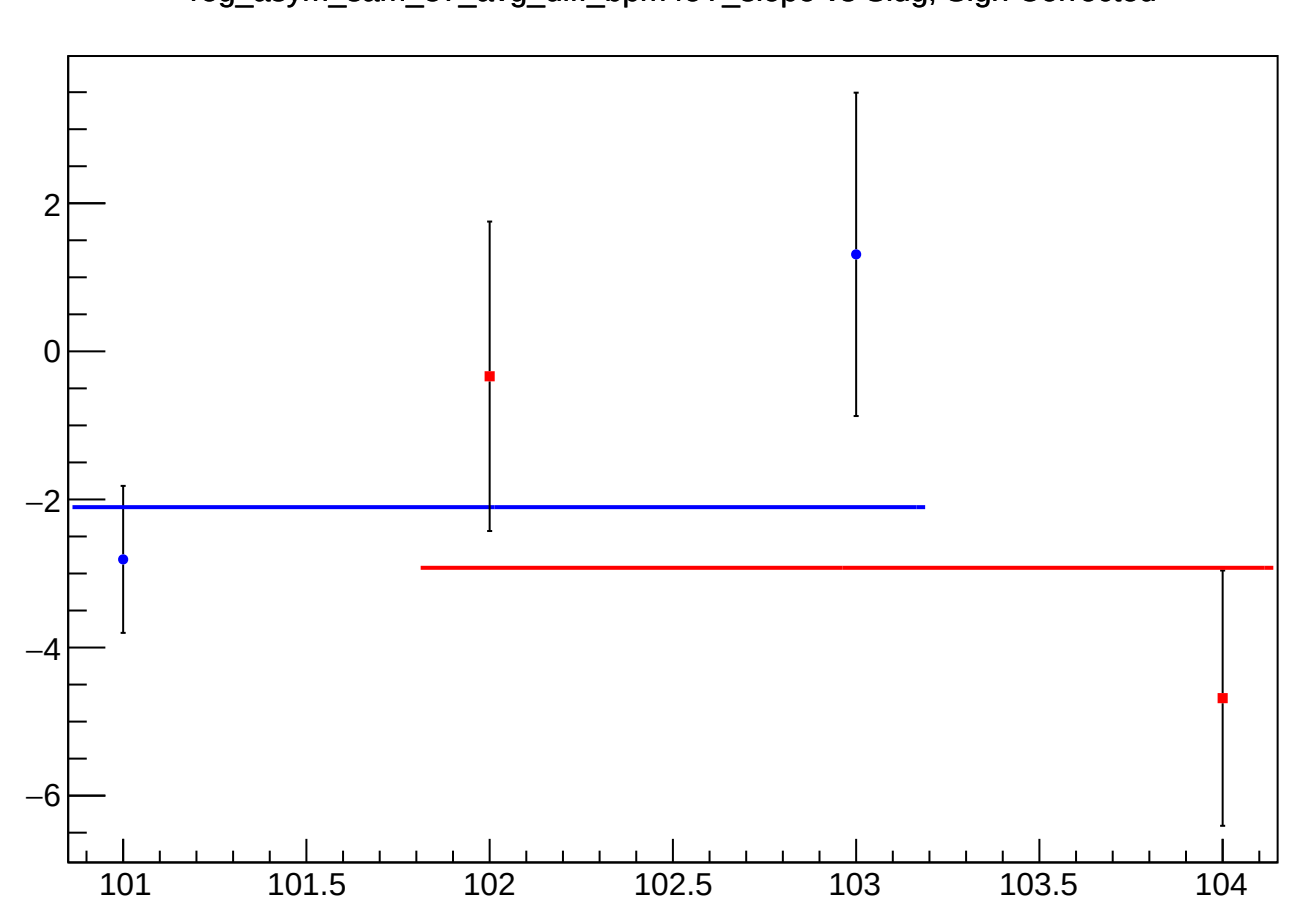
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

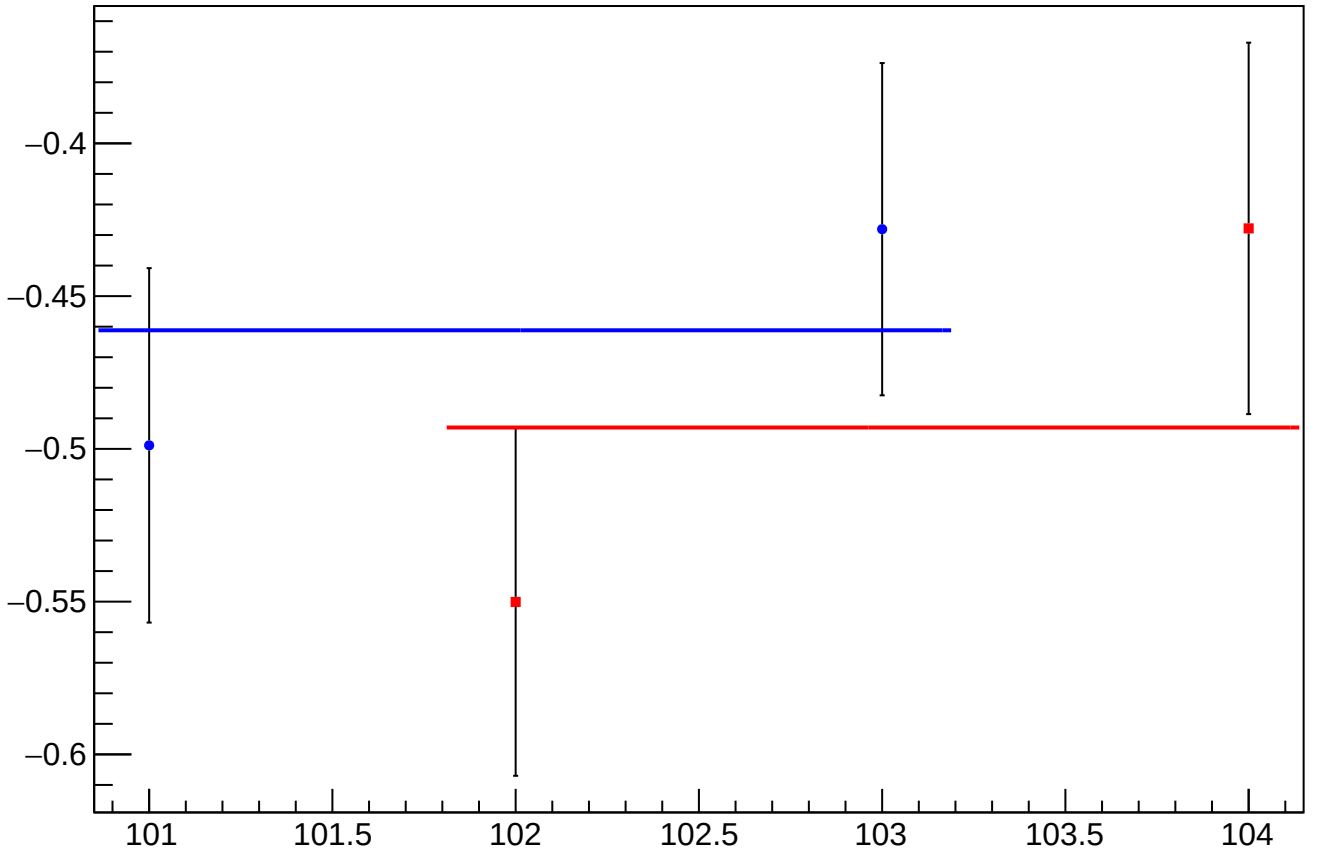
Right: -33.025+/-1.058 χ^2/NDF: 20.0/3

In: -30.767+/-1.353 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -33.025+/-1.058 χ^2/NDF: 20.0/3


reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
2
0
−2
−4
−6
101
101.5
102
102.5
103
103.5
104
Right In: -2.104+/-0.904 χ²/NDF: 2.9/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -2.923+/-1.330 χ²/NDF: 2.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -2.363+/-0.747 χ²/NDF: 5.8/3
In: -2.104+/-0.904 χ²/NDF:2.9/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -2.363+/-0.747 χ²/NDF: 5.8/3



Right In: -0.461+/-0.040 χ^2/NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.493+/-0.042 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

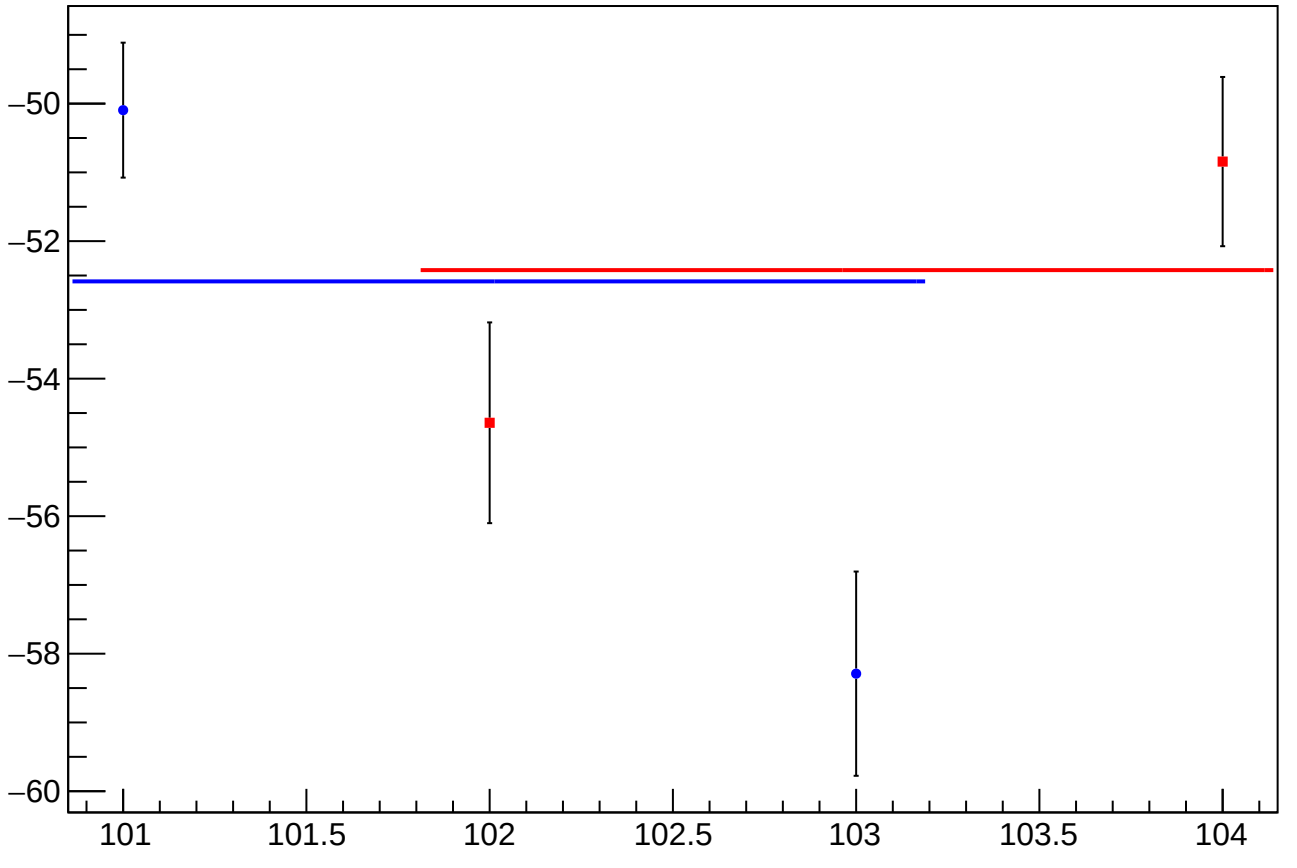
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.476+/-0.029 χ^2/NDF: 3.3/3

In: -0.461+/-0.040 χ^2/NDF:0.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.476+/-0.029 χ^2/NDF: 3.3/3



Right In: -52.585+/-0.819 χ^2/NDF: 21.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -52.421+/-0.941 χ^2/NDF: 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

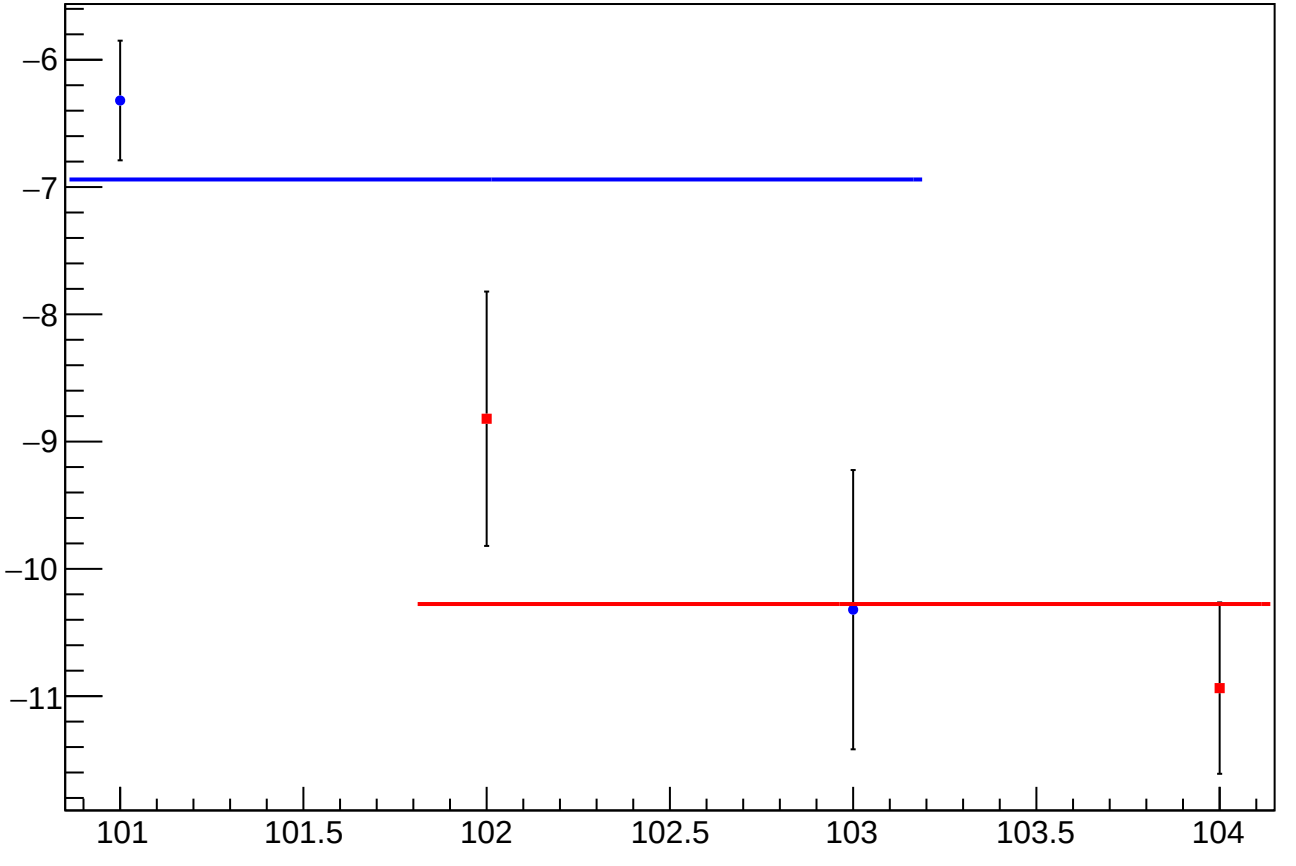
Right: -52.515+/-0.618 χ^2/NDF: 25.2/3

In: -52.585+/-0.819 χ^2/NDF:21.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -52.515+/-0.618 χ^2/NDF: 25.2/3

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.941+/-0.432 χ^2/NDF: 11.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.276+/-0.558 χ^2/NDF: 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

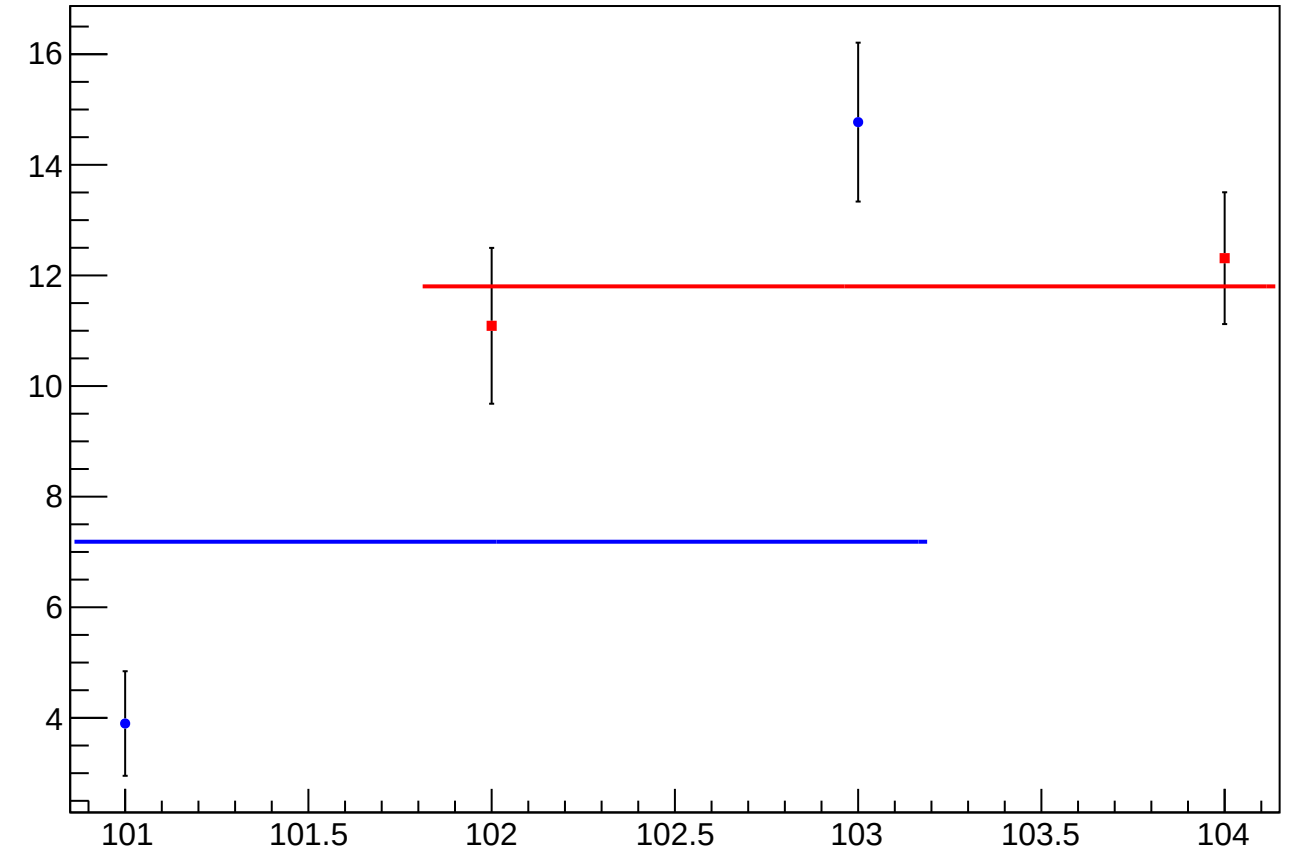
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.190+/-0.342 χ^2/NDF: 36.6/3

In: -6.941+/-0.432 χ^2/NDF:11.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.190+/-0.342 χ^2/NDF: 36.6/3



Right In: 7.185+/-0.790 χ^2/NDF: 40.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 11.802+/-0.910 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

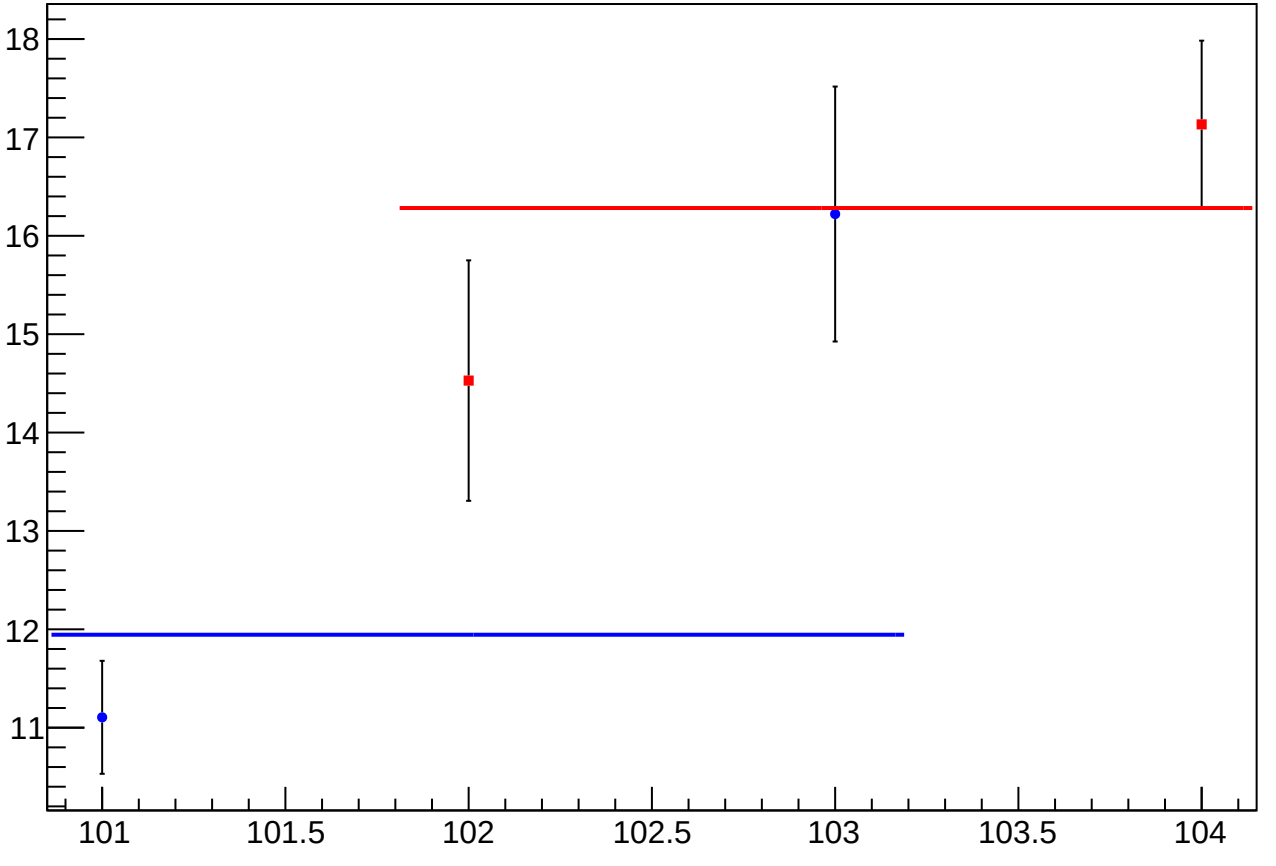
Right: 9.169+/-0.596 χ^2/NDF: 55.1/3

In: 7.185+/-0.790 χ^2/NDF:40.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 9.169+/-0.596 χ^2/NDF: 55.1/3

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.945+/-0.525 χ^2/NDF: 13.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 16.282+/-0.698 χ^2/NDF: 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

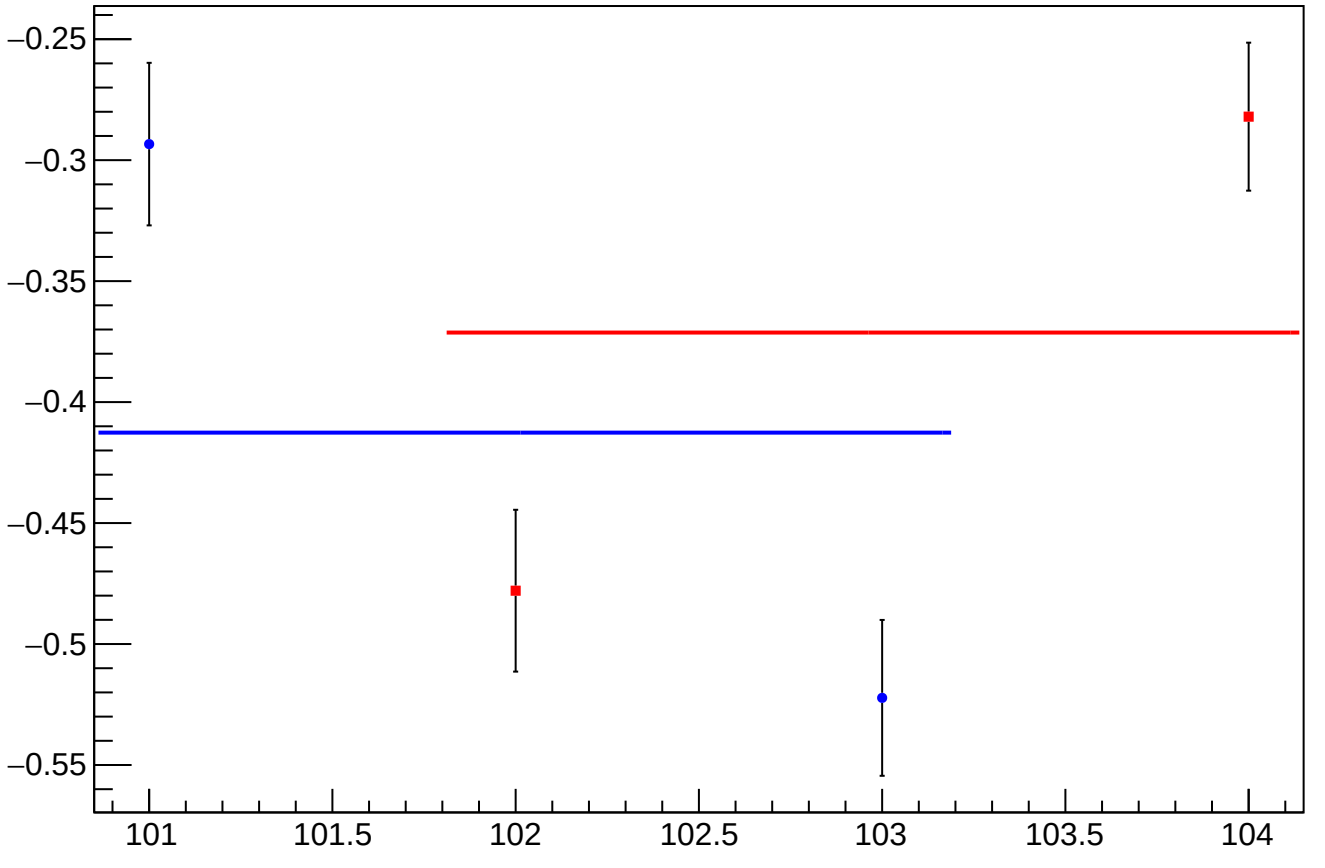
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 13.511+/-0.420 χ^2/NDF: 40.7/3

In: 11.945+/-0.525 χ^2/NDF:13.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.511+/-0.420 χ^2/NDF: 40.7/3



Right In: -0.413+/-0.023 χ^2/NDF: 24.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.371+/-0.023 χ^2/NDF: 18.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

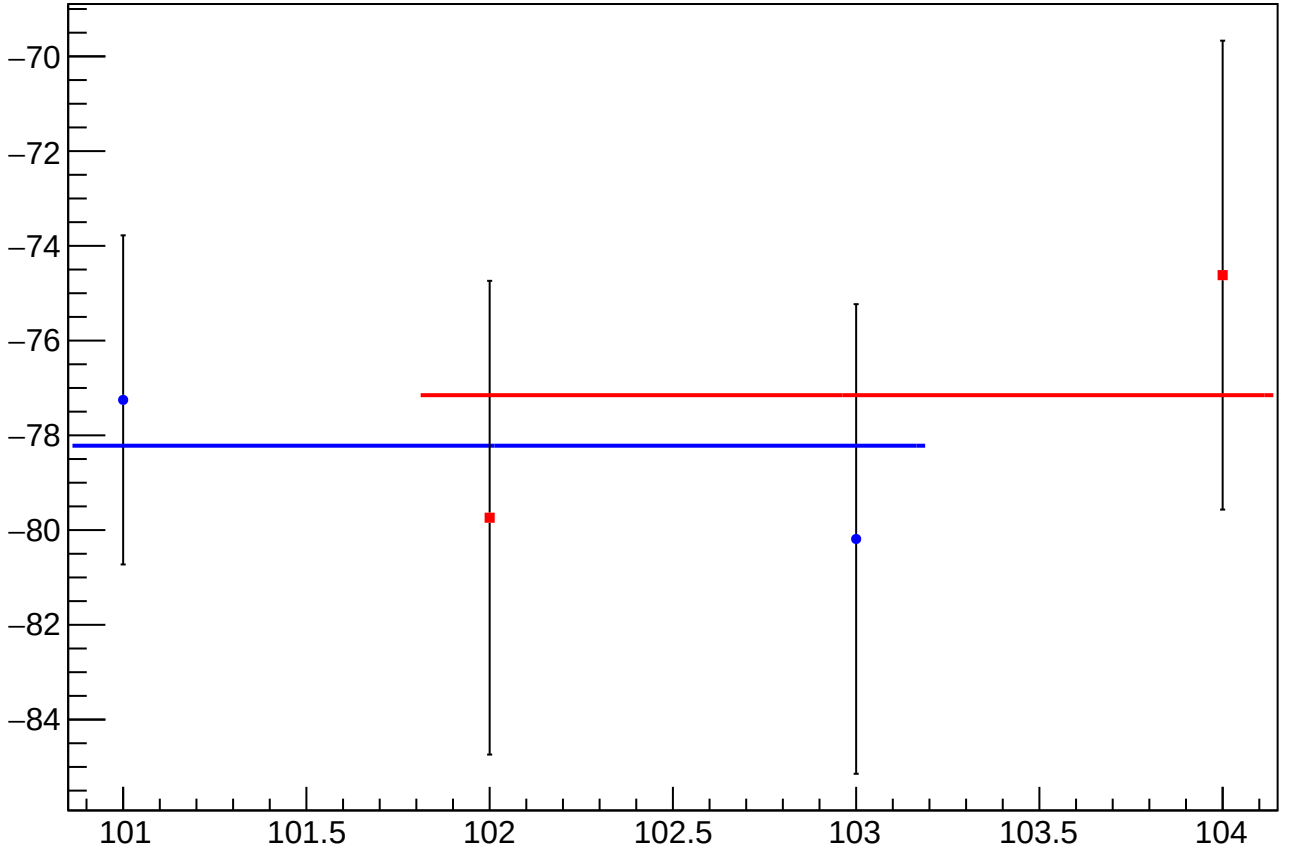
Right: -0.391+/-0.016 χ^2/NDF: 44.5/3

In: -0.413+/-0.023 χ^2/NDF:24.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.391+/-0.016 χ^2/NDF: 44.5/3

reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -78.219+/-2.845 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -77.152+/-3.518 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

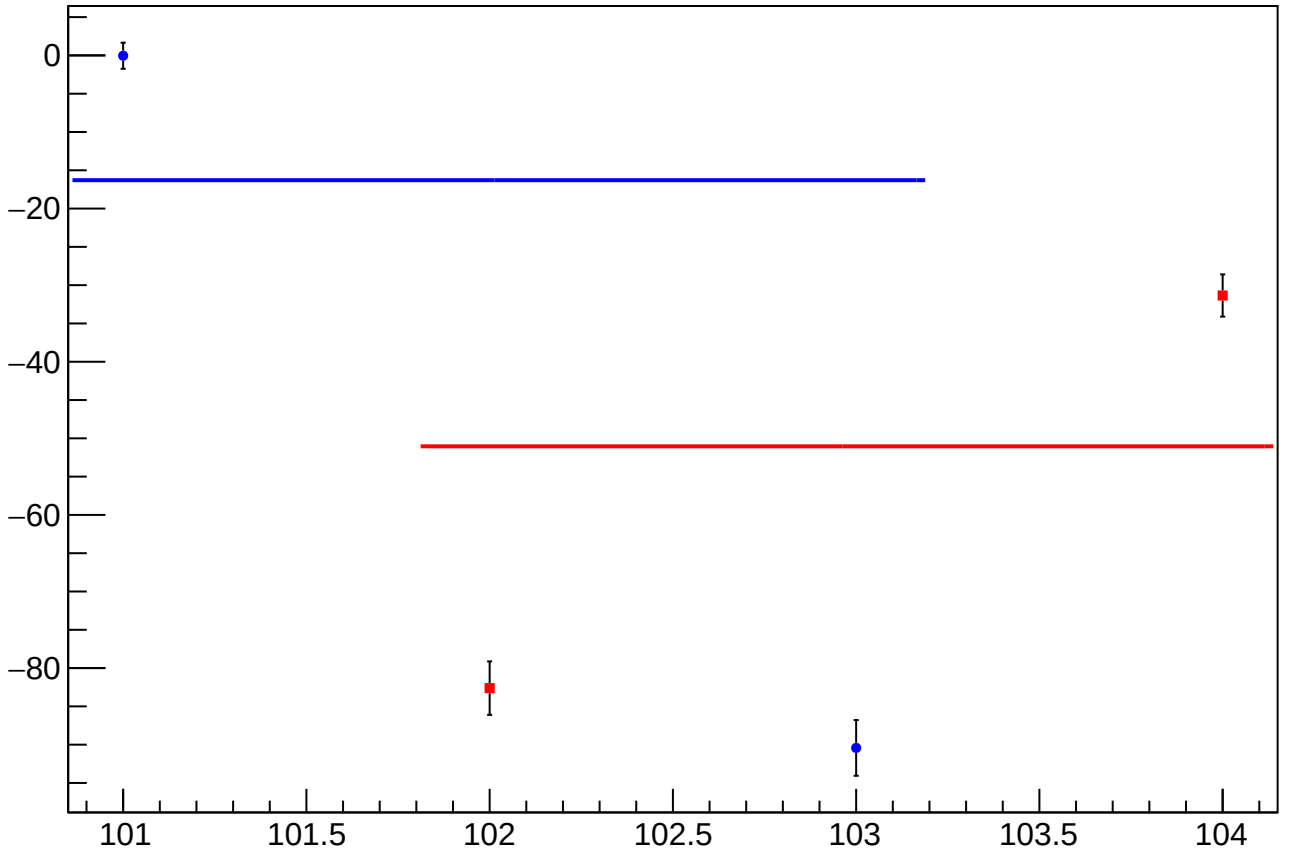
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -77.797+/-2.212 χ^2/NDF: 0.8/3

In: -78.219+/-2.845 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -77.797+/-2.212 χ^2/NDF: 0.8/3



Right In: -16.294+/-1.545 χ^2/NDF: 505.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -51.044+/-2.163 χ^2/NDF: 132.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

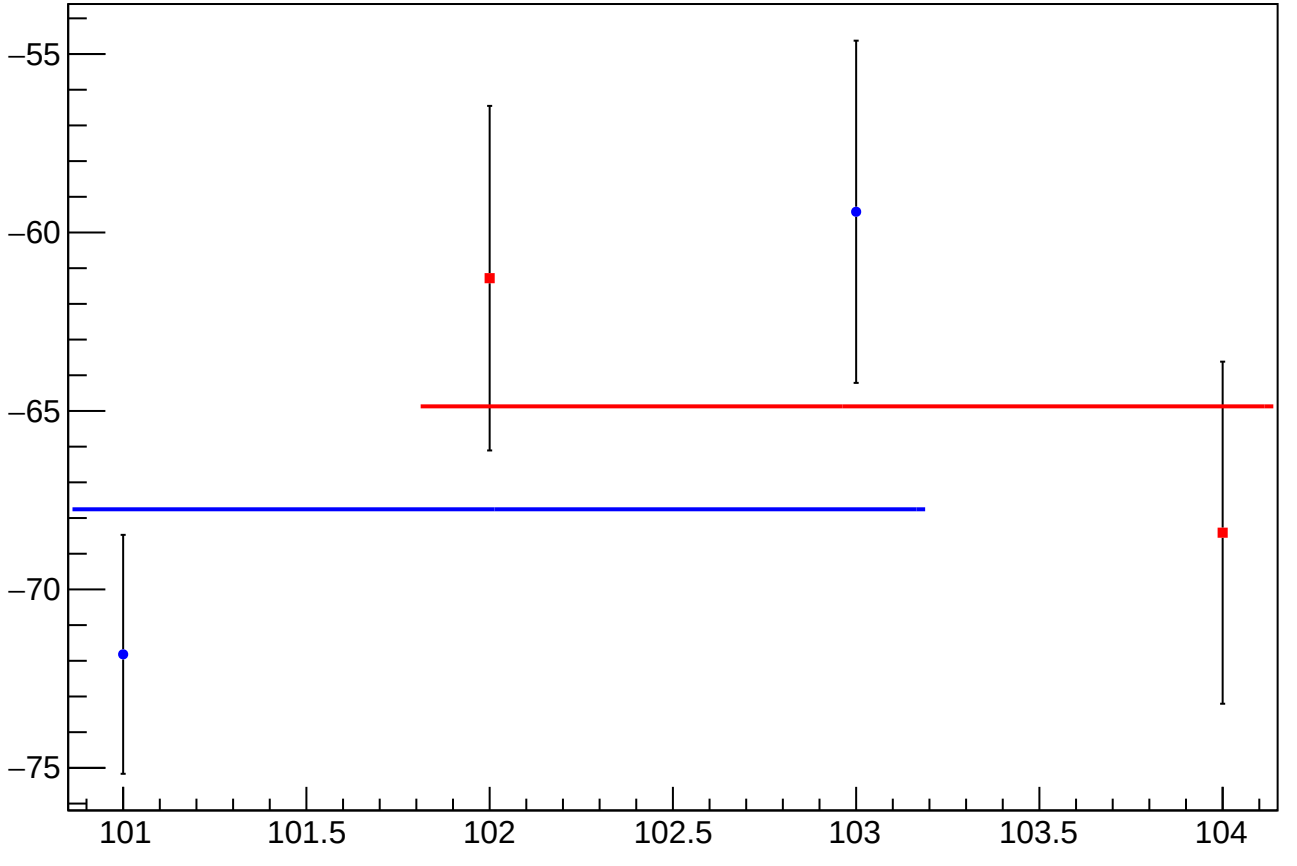
Right: -28.030+/-1.257 χ^2/NDF: 808.9/3

In: -16.294+/-1.545 χ^2/NDF:505.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -28.030+/-1.257 χ^2/NDF: 808.9/3

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.755+/-2.744 χ^2/NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -64.871+/-3.401 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

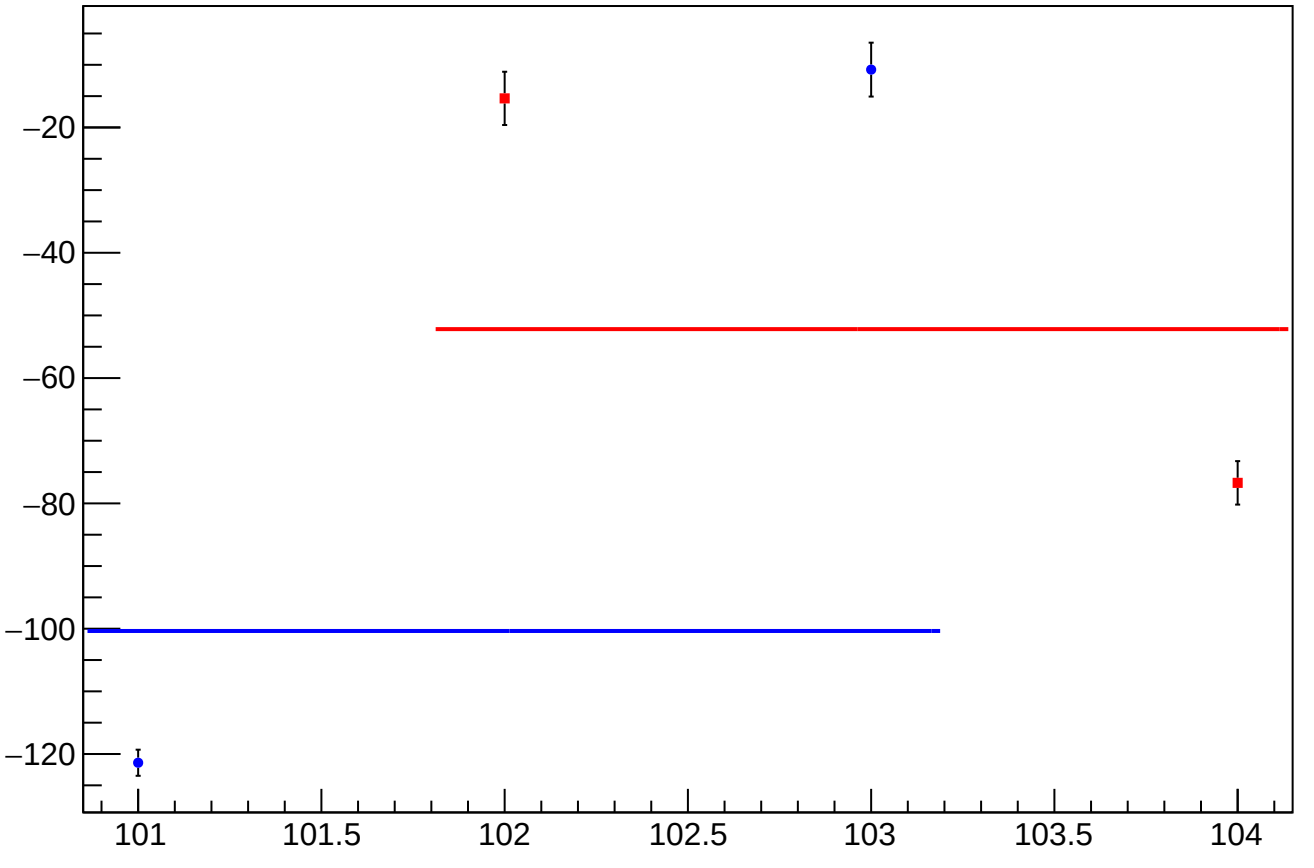
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -66.618+/-2.136 χ^2/NDF: 6.0/3

In: -67.755+/-2.744 χ^2/NDF:4.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -66.618+/-2.136 χ^2/NDF: 6.0/3



Right In: -100.363+/-1.875 χ^2/NDF: 535.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -52.186+/-2.688 χ^2/NDF: 125.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

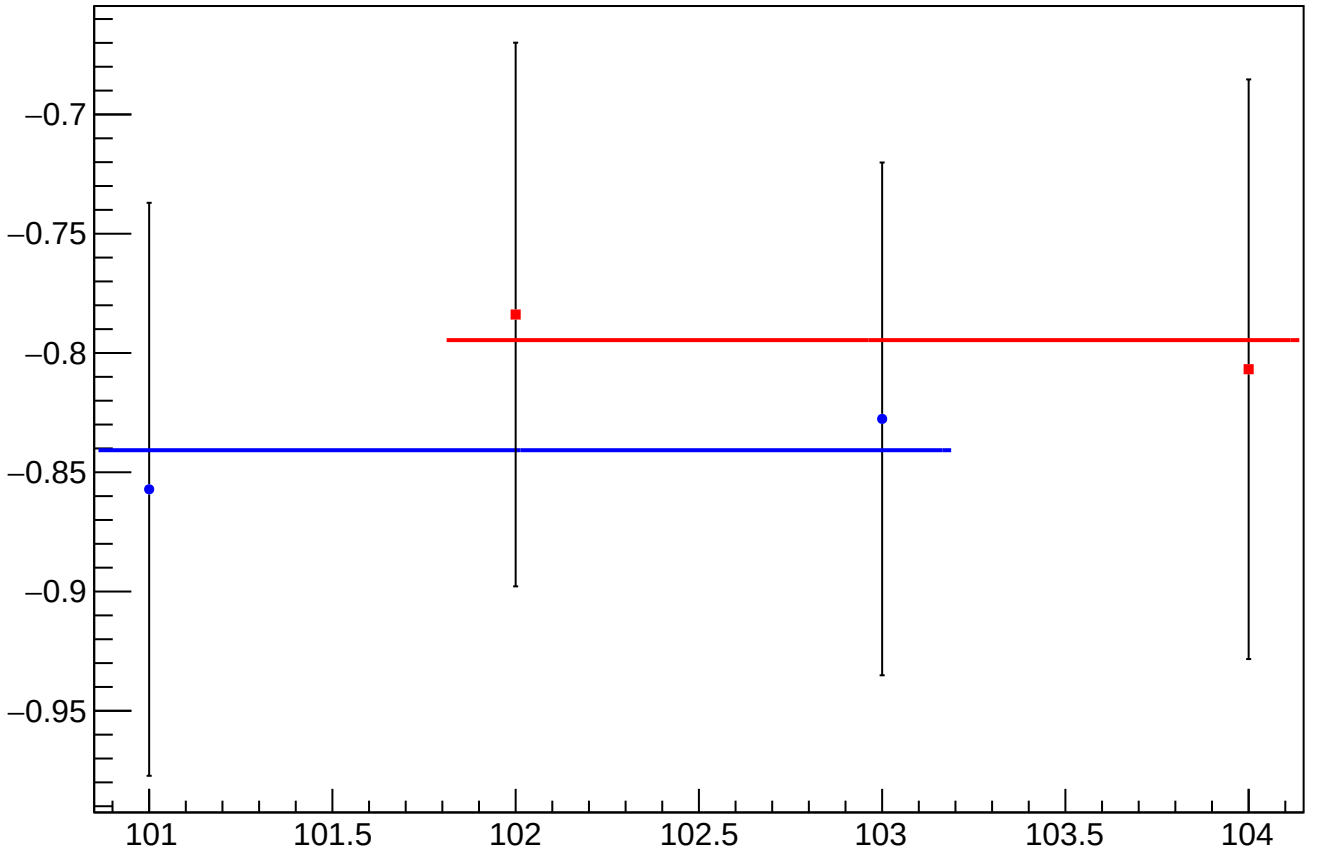
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -84.587+/-1.538 χ^2/NDF: 876.9/3

In: -100.363+/-1.875 χ^2/NDF:535.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -84.587+/-1.538 χ^2/NDF: 876.9/3



Right In: -0.841+/-0.080 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.795+/-0.083 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

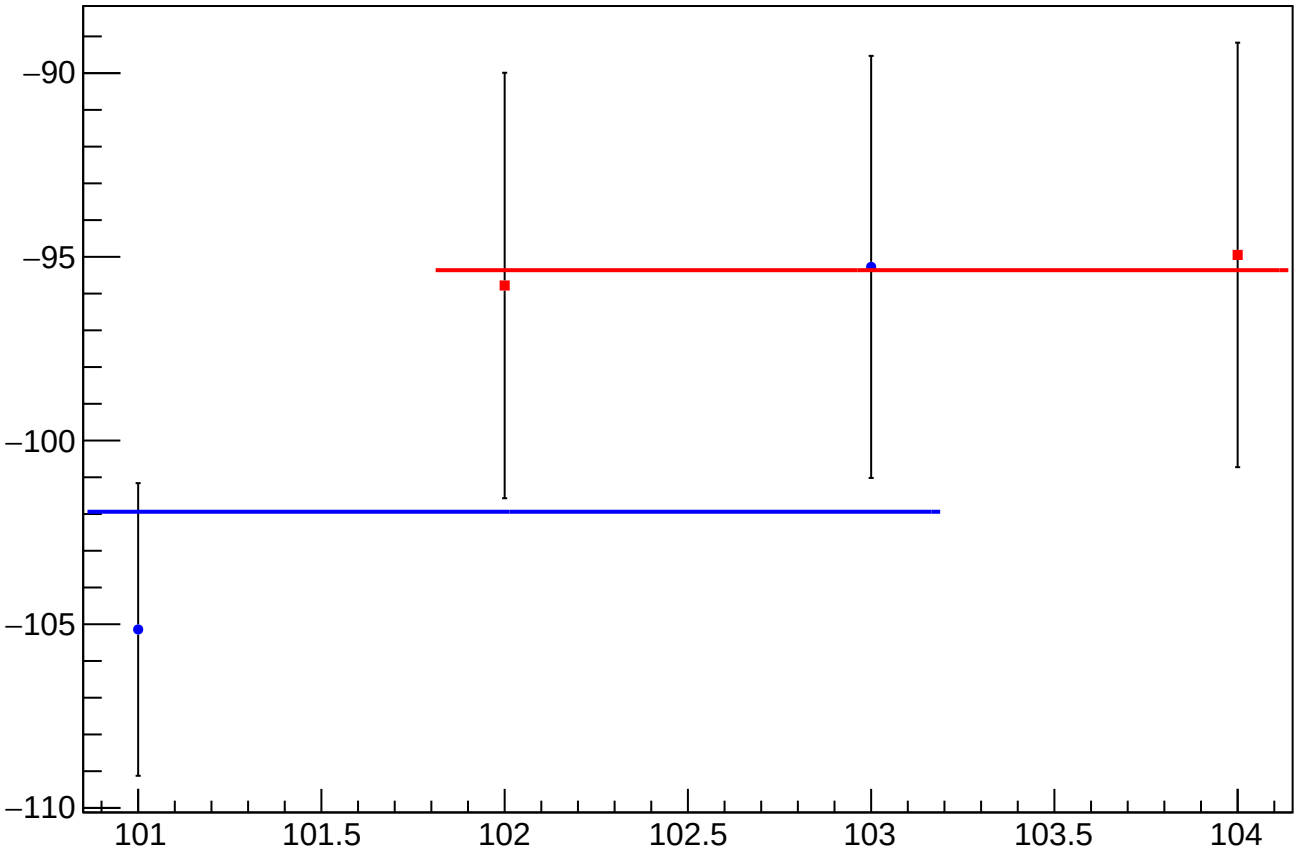
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

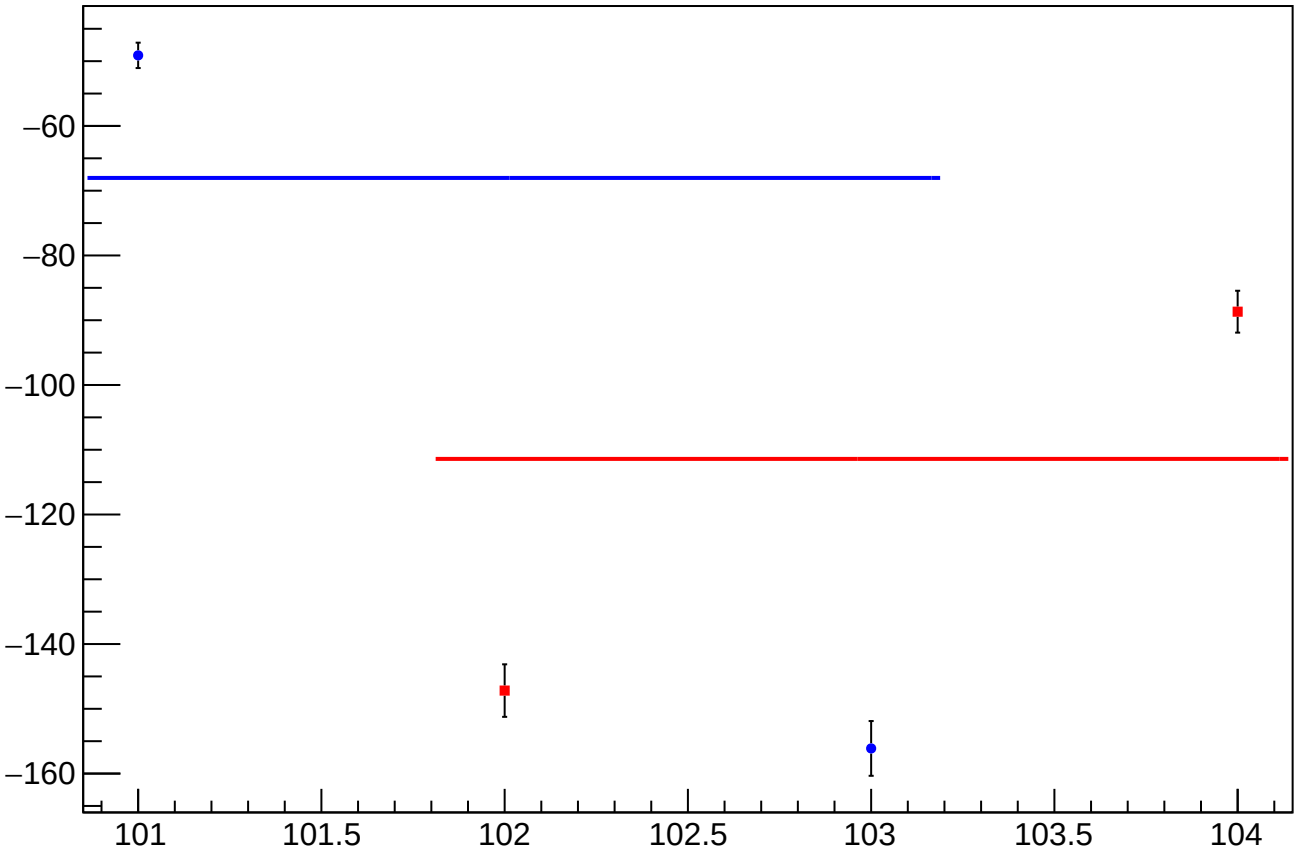
Right: -0.819+/-0.058 χ^2/NDF: 0.2/3

In: -0.841+/-0.080 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.819+/-0.058 χ^2/NDF: 0.2/3


reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug, Sign Corrected
−90
−95
−100
−105
−110
101
101.5
102
102.5
103
103.5
104
Right In: -101.938+/-3.273 χ²/NDF: 2.0/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -95.363+/-4.090 χ²/NDF: 0.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -99.371+/-2.555 χ²/NDF: 3.6/3
In: -101.938+/-3.273 χ²/NDF:2.0/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -99.371+/-2.555 χ²/NDF: 3.6/3



Right In: -68.029+/-1.778 χ^2/NDF: 527.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -111.413+/-2.528 χ^2/NDF: 127.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

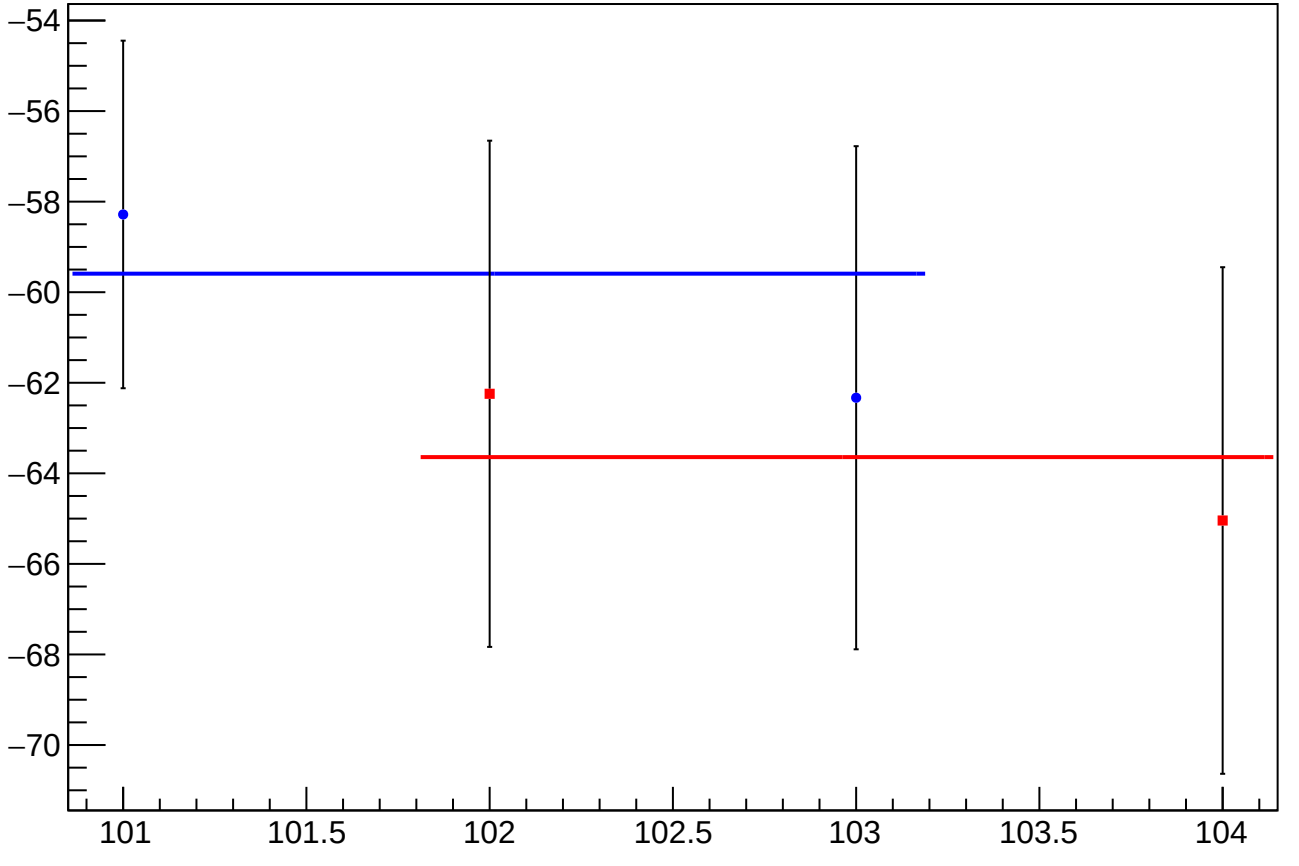
Right: -82.385+/-1.454 χ^2/NDF: 851.8/3

In: -68.029+/-1.778 χ^2/NDF:527.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -82.385+/-1.454 χ^2/NDF: 851.8/3

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.591+/-3.158 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -63.642+/-3.954 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

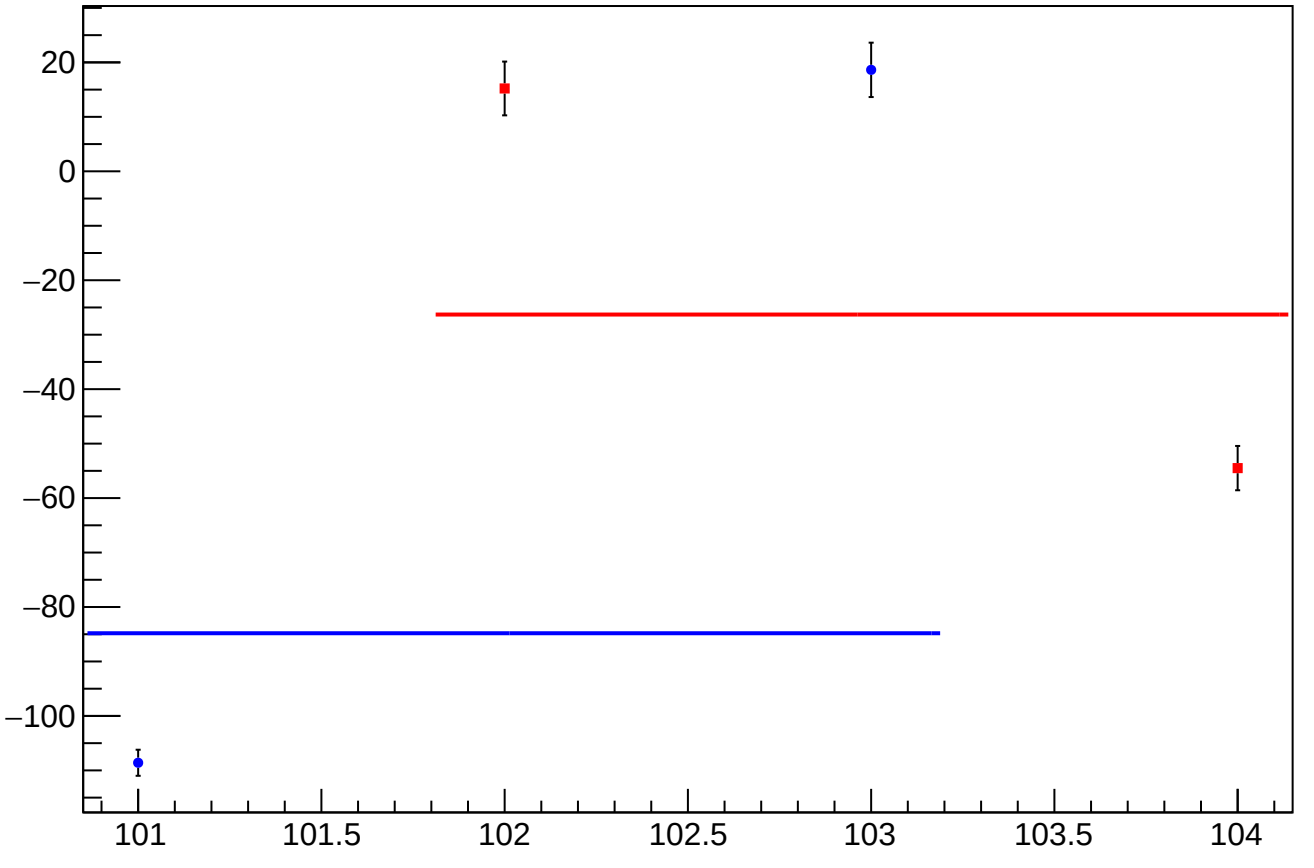
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -61.168+/-2.467 χ^2/NDF: 1.1/3

In: -59.591+/-3.158 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -61.168+/-2.467 χ^2/NDF: 1.1/3



Right In: -84.816+/-2.158 χ^2/NDF: 528.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -26.300+/-3.139 χ^2/NDF: 118.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

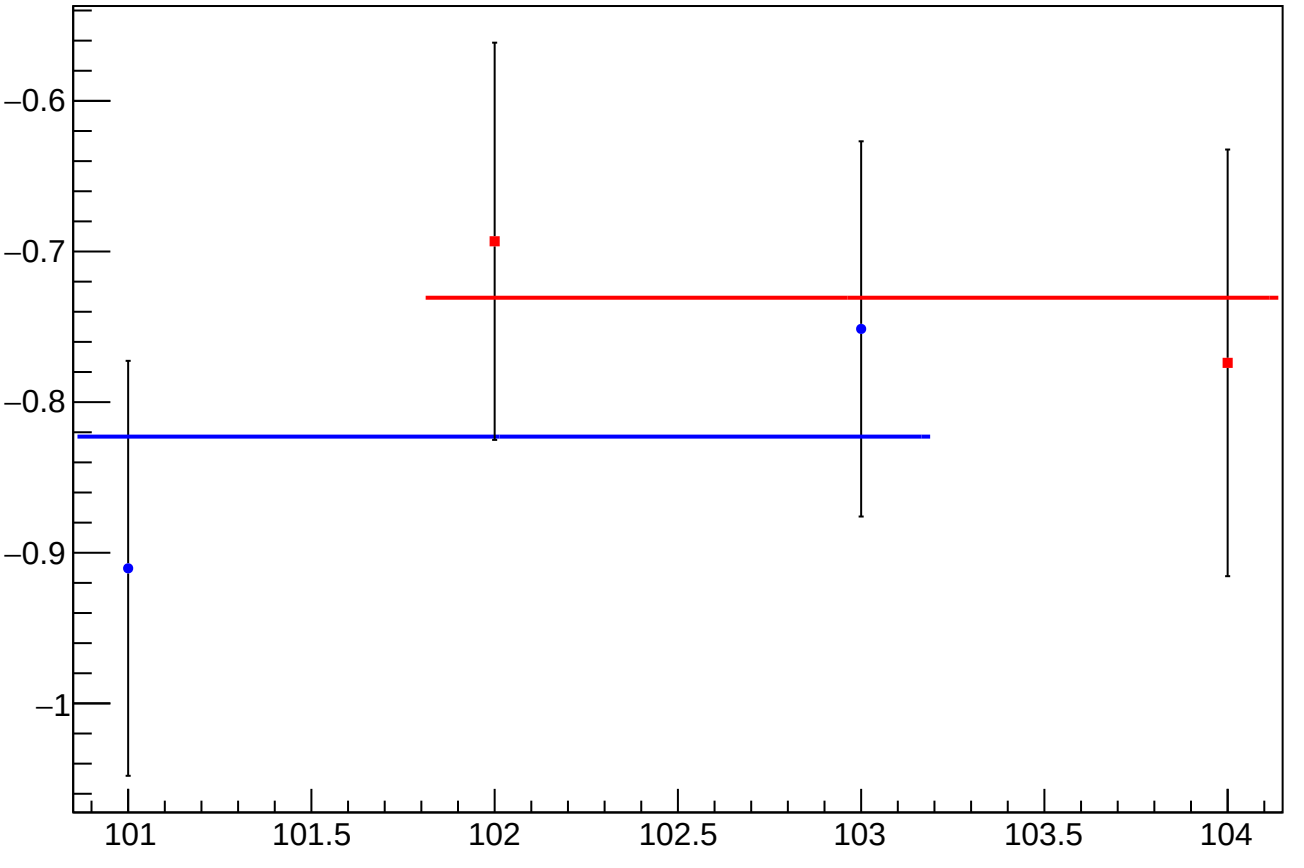
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -66.032+/-1.779 χ^2/NDF: 882.8/3

In: -84.816+/-2.158 χ^2/NDF:528.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -66.032+/-1.779 χ^2/NDF: 882.8/3



Right In: -0.823+/-0.092 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.731+/-0.097 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

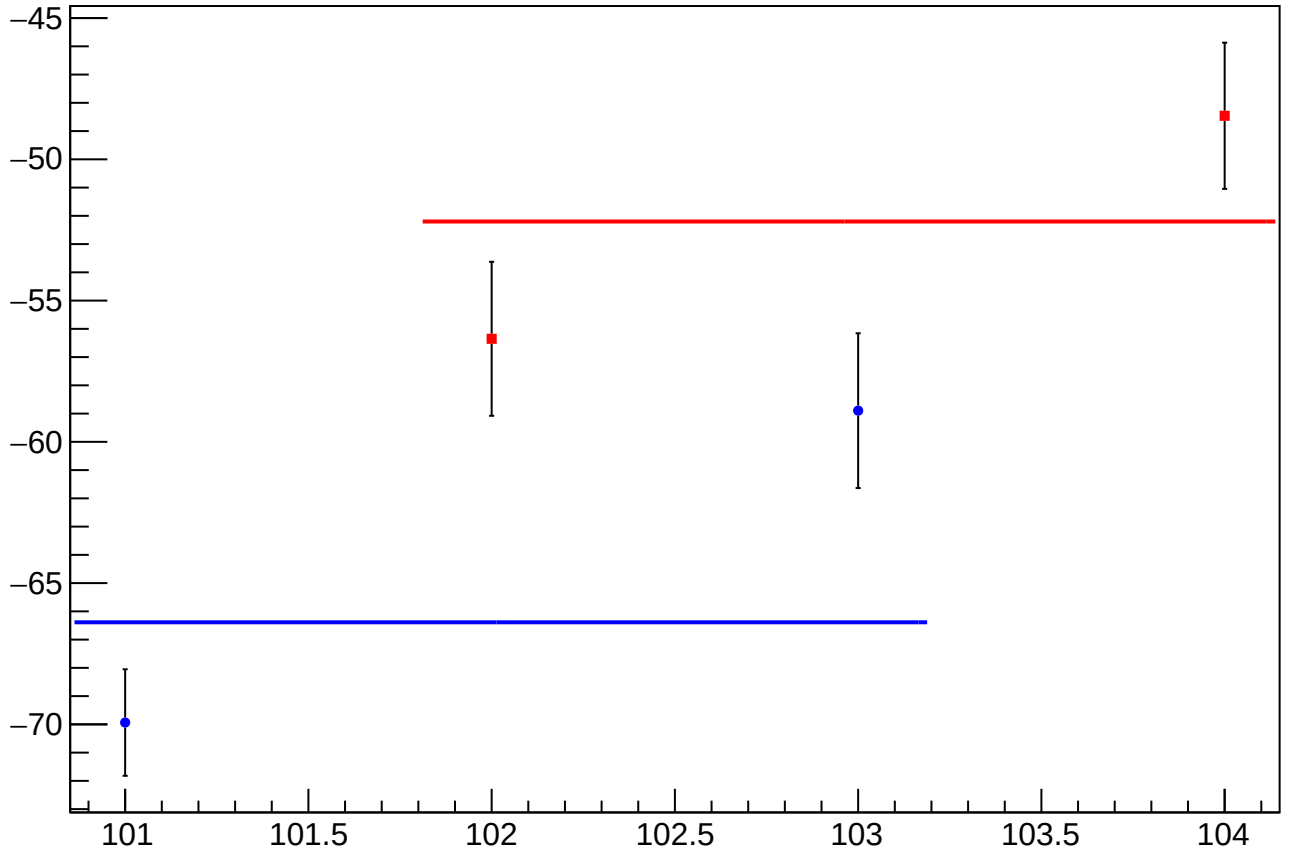
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.779+/-0.067 χ^2/NDF: 1.4/3

In: -0.823+/-0.092 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.779+/-0.067 χ^2/NDF: 1.4/3



Right In: -66.387+/-1.553 χ^2/NDF: 11.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -52.201+/-1.877 χ^2/NDF: 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

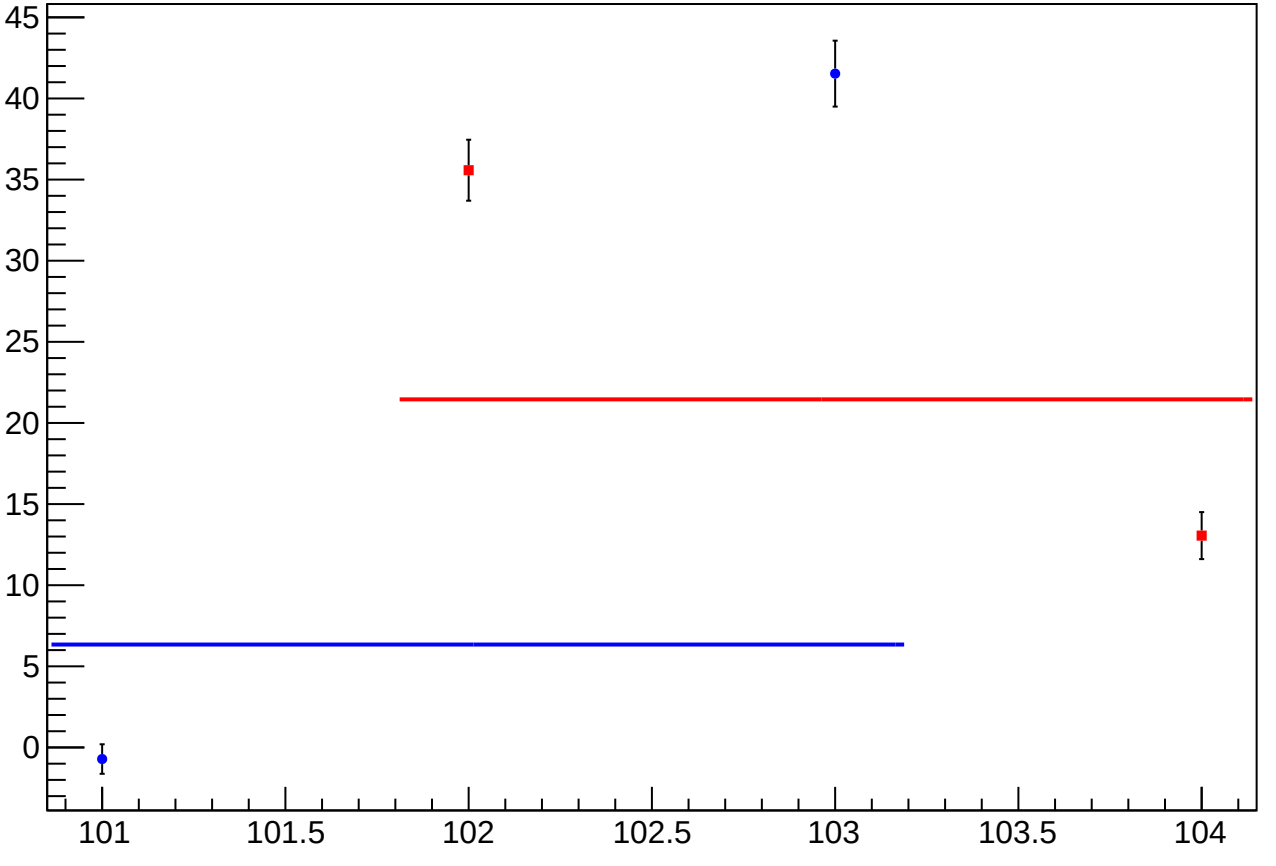
Right: -60.620+/-1.196 χ^2/NDF: 49.3/3

In: -66.387+/-1.553 χ^2/NDF:11.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -60.620+/-1.196 χ^2/NDF: 49.3/3

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.343+/-0.830 χ^2/NDF: 360.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 21.454+/-1.147 χ^2/NDF: 90.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

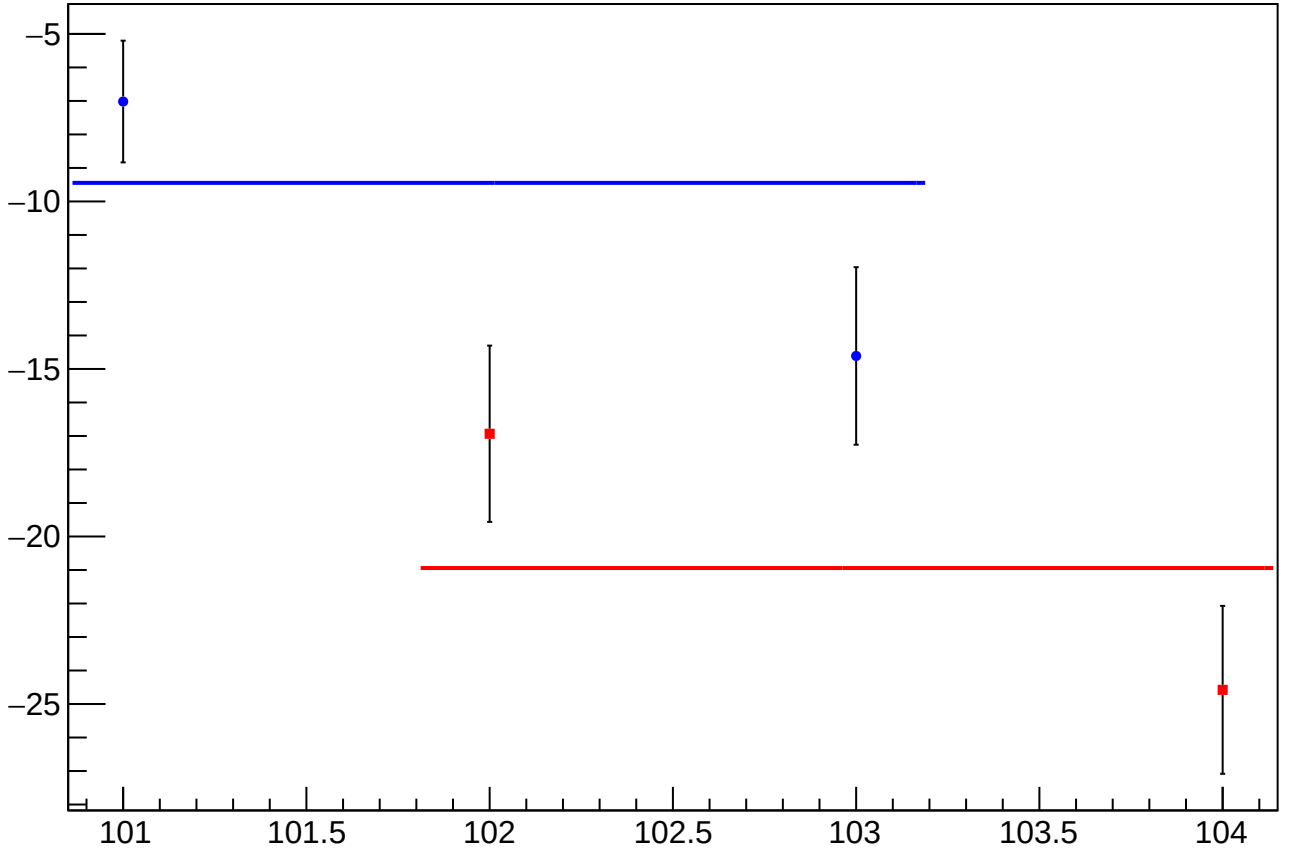
Right: 11.537+/-0.673 χ^2/NDF: 564.0/3

In: 6.343+/-0.830 χ^2/NDF:360.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.537+/-0.673 χ^2/NDF: 564.0/3

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.446+/-1.498 χ^2/NDF: 5.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -20.941+/-1.814 χ^2/NDF: 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

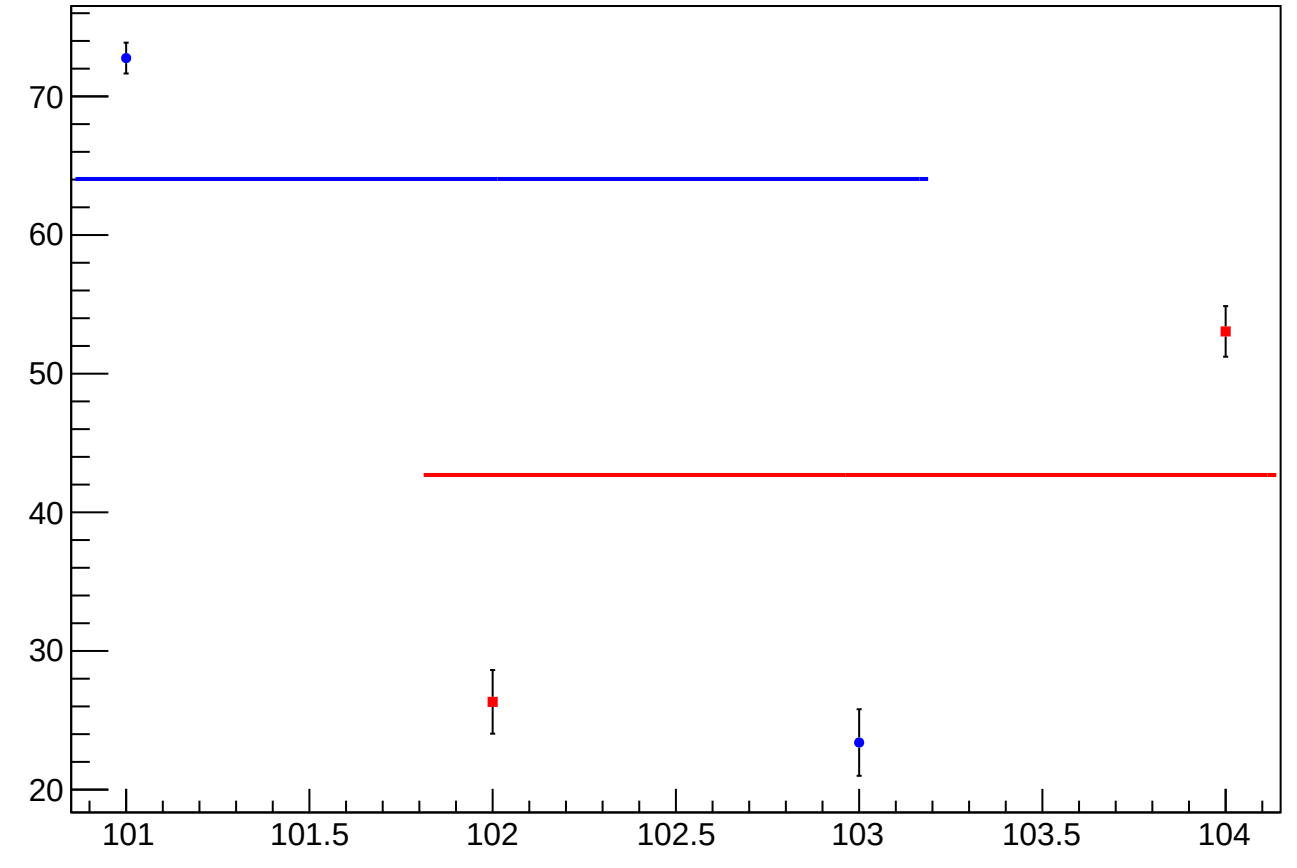
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.106+/-1.155 χ^2/NDF: 33.9/3

In: -9.446+/-1.498 χ^2/NDF:5.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.106+/-1.155 χ^2/NDF: 33.9/3



Right In: 64.044+/-1.009 χ^2/NDF: 348.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 42.695+/-1.428 χ^2/NDF: 83.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

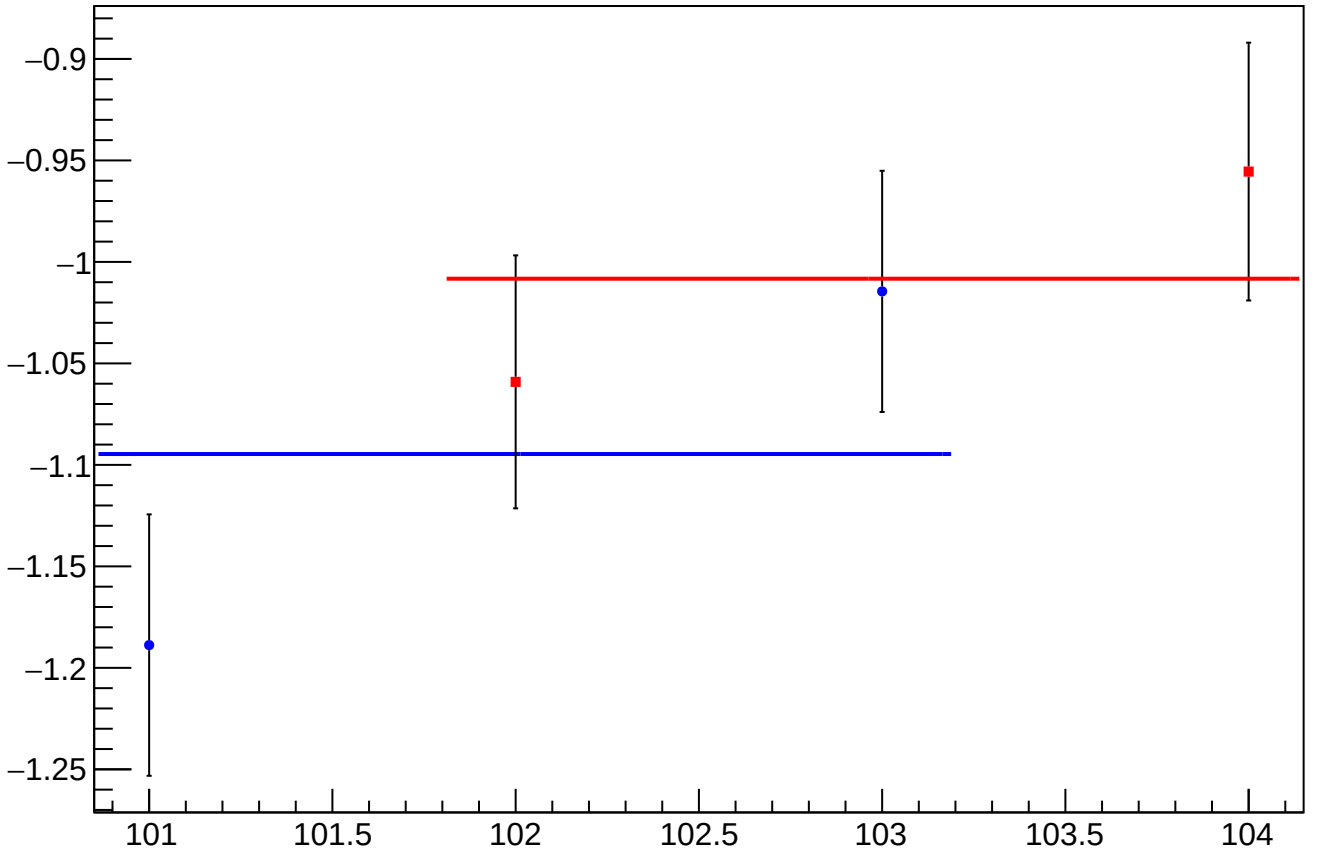
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 56.938+/-0.824 χ^2/NDF: 580.6/3

In: 64.044+/-1.009 χ^2/NDF:348.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 56.938+/-0.824 χ^2/NDF: 580.6/3



Right In: -1.095+/-0.044 χ^2/NDF: 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -1.008+/-0.044 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

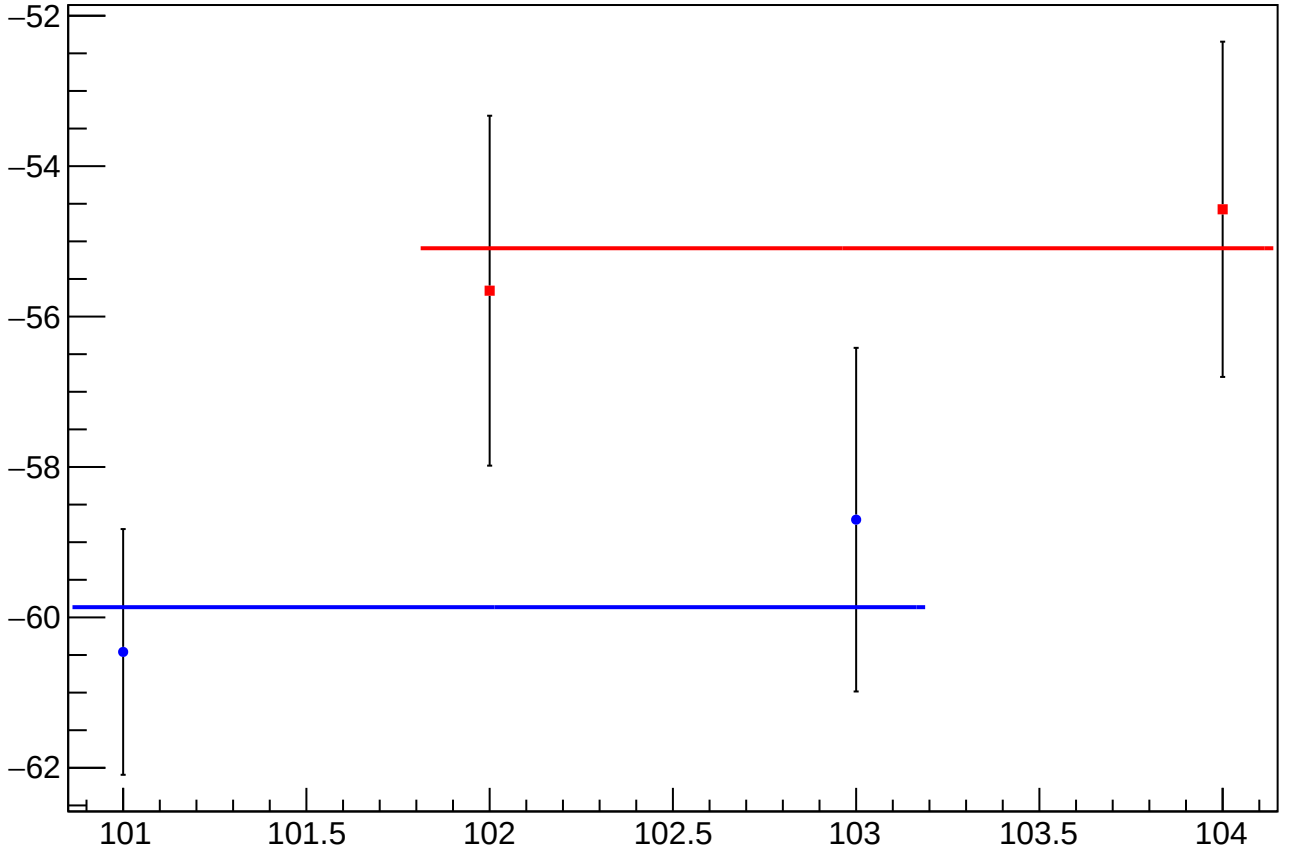
Right: -1.052+/-0.031 χ^2/NDF: 7.2/3

In: -1.095+/-0.044 χ^2/NDF:4.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.052+/-0.031 χ^2/NDF: 7.2/3

reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -59.864+/-1.329 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -55.092+/-1.609 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

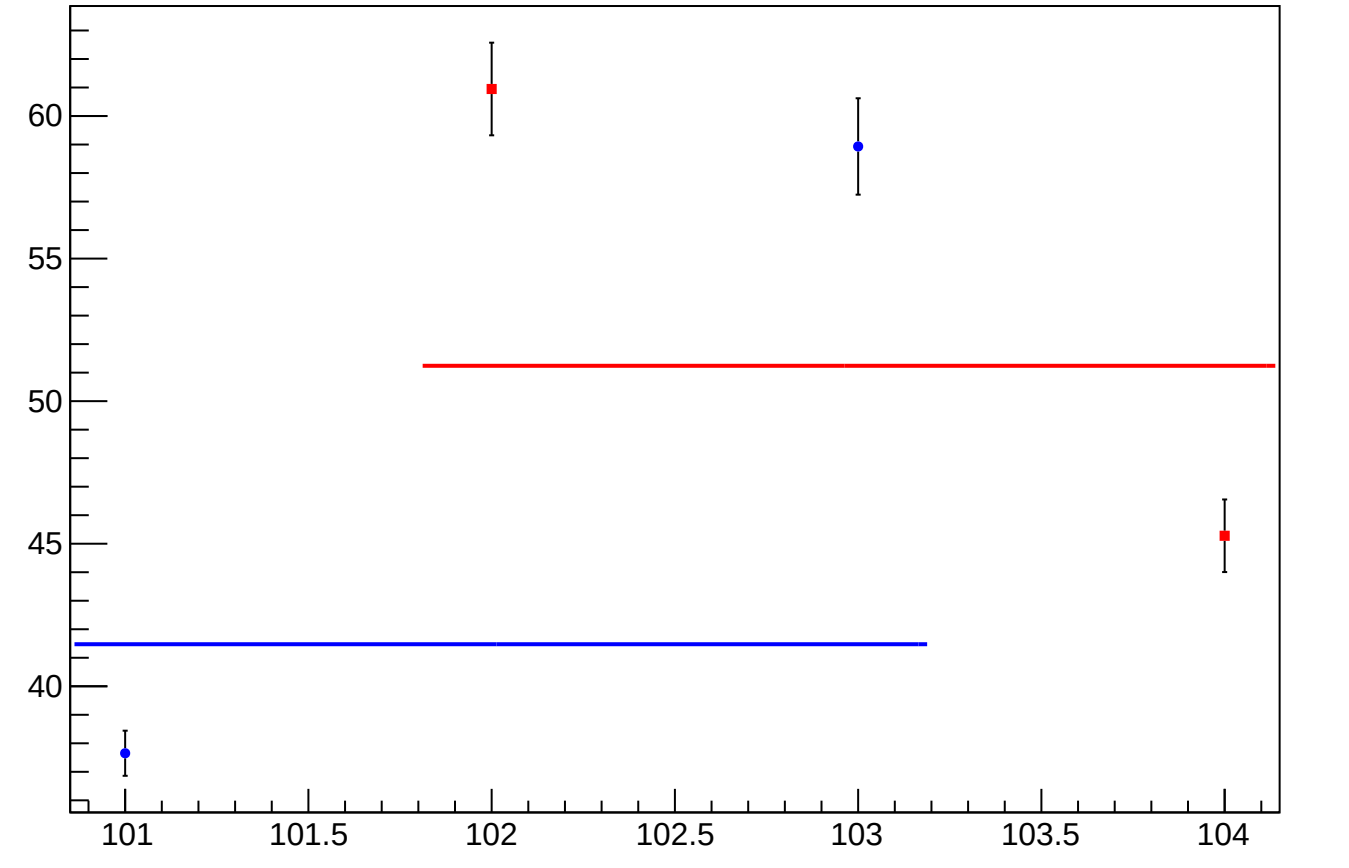
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -57.929+/-1.025 χ^2/NDF: 5.7/3

In: -59.864+/-1.329 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -57.929+/-1.025 χ^2/NDF: 5.7/3



Right In: 41.475+/-0.716 χ^2/NDF: 130.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 51.240+/-1.002 χ^2/NDF: 57.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

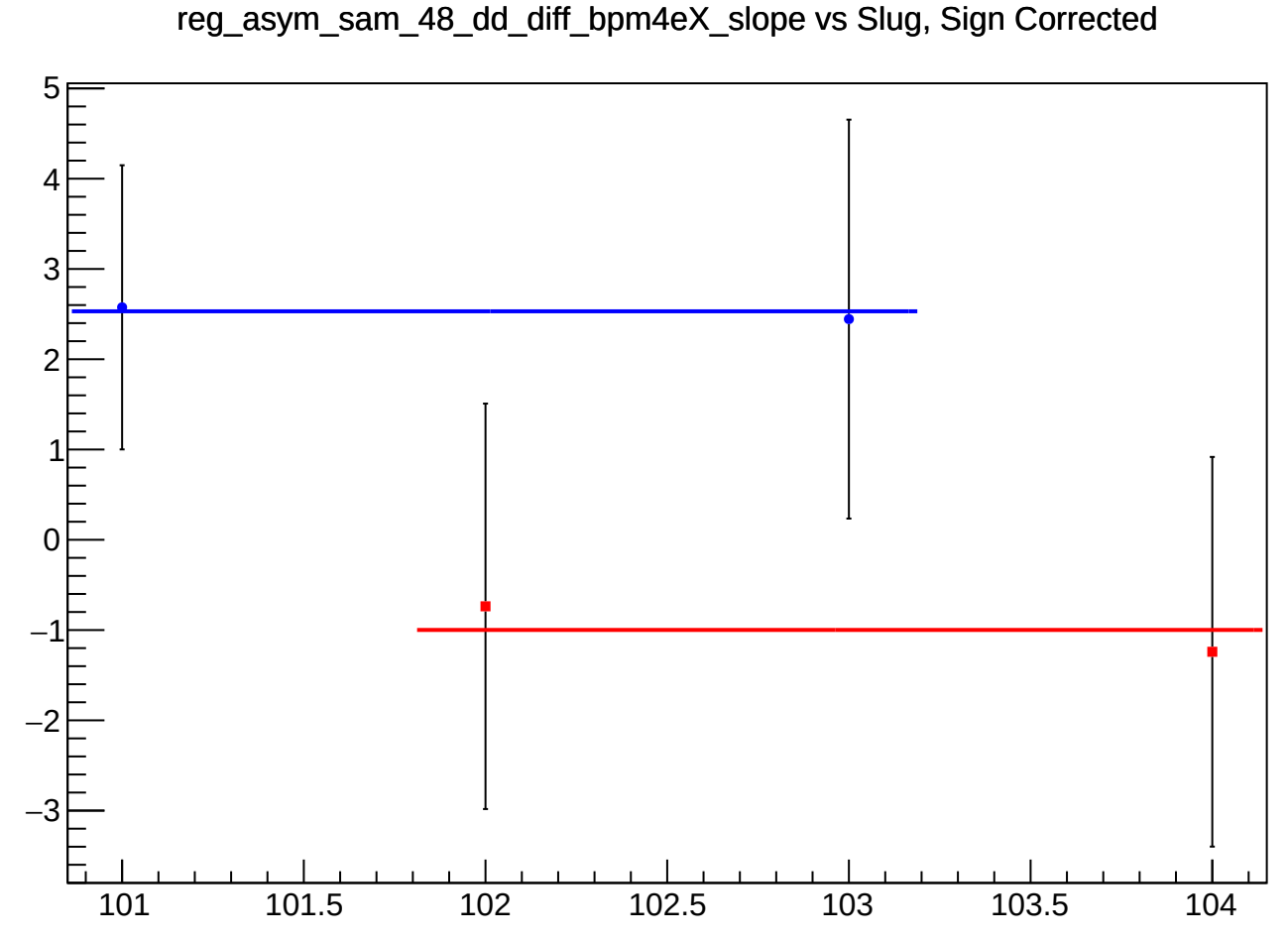
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 44.779+/-0.583 χ^2/NDF: 250.5/3

In: 41.475+/-0.716 χ^2/NDF:130.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 44.779+/-0.583 χ^2/NDF: 250.5/3



Right In: 2.531+/-1.282 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.999+/-1.556 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

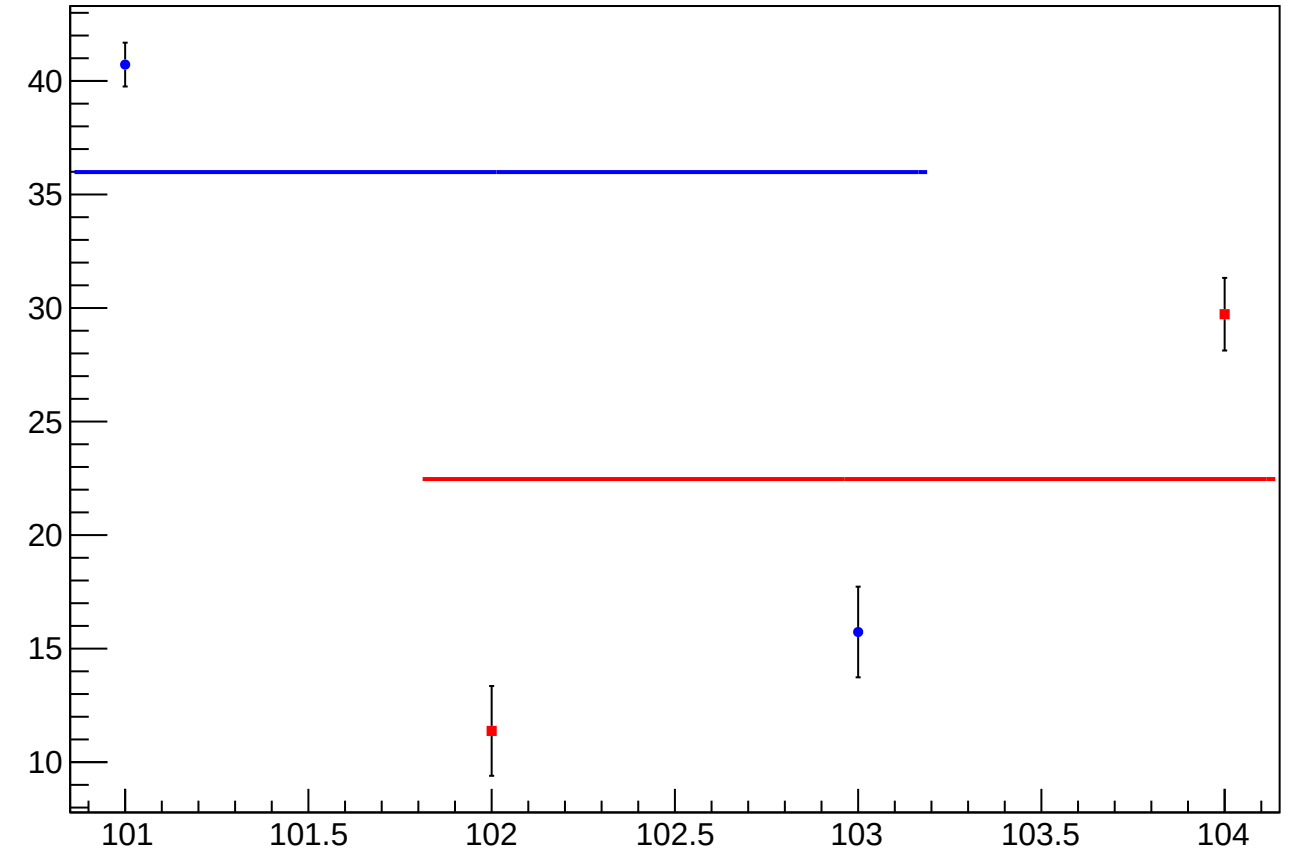
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.104+/-0.989 χ^2/NDF: 3.1/3

In: 2.531+/-1.282 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.104+/-0.989 χ^2/NDF: 3.1/3



Right In: 35.987+/-0.869 χ^2/NDF: 127.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.468+/-1.243 χ^2/NDF: 52.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

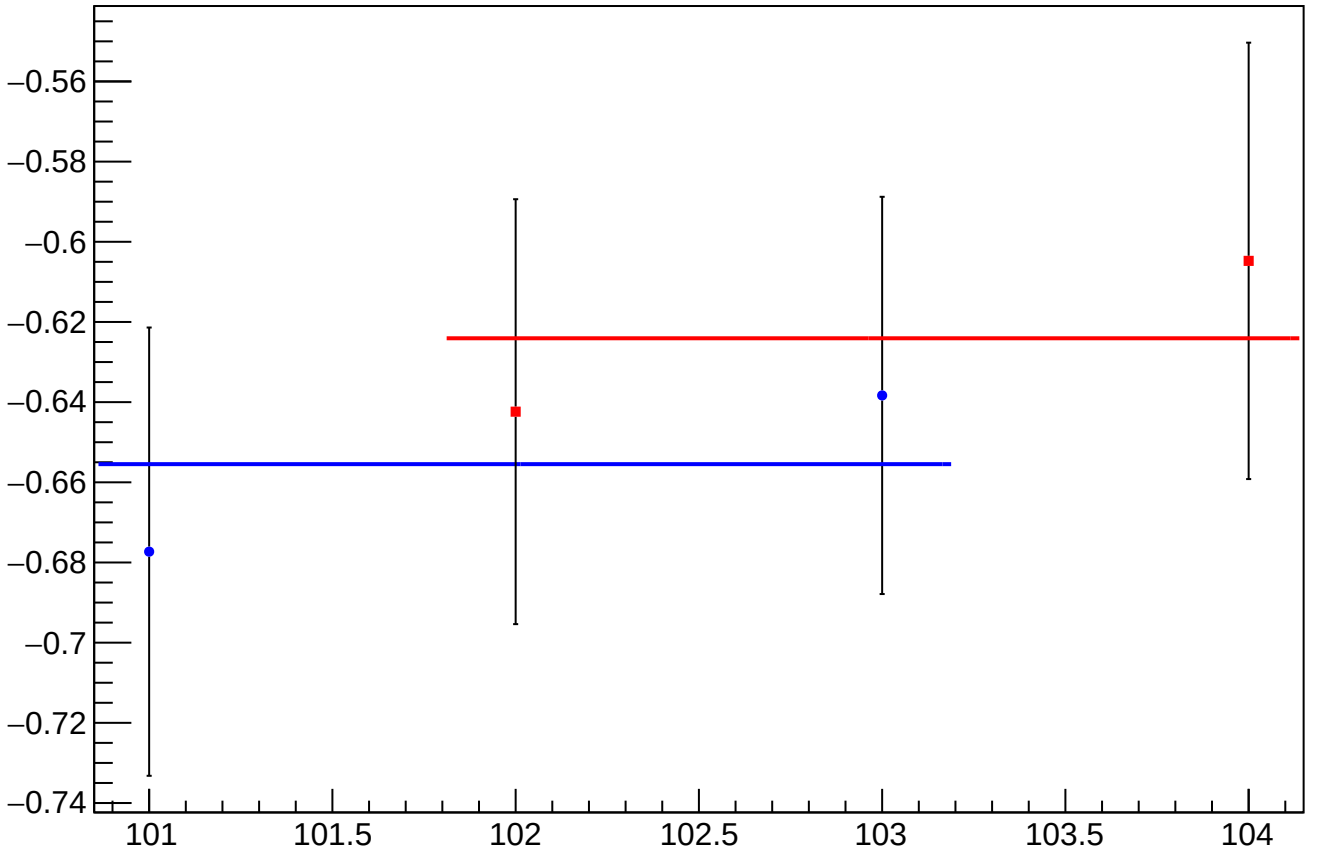
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 31.550+/-0.712 χ^2/NDF: 258.5/3

In: 35.987+/-0.869 χ^2/NDF:127.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 31.550+/-0.712 χ^2/NDF: 258.5/3



Right In: -0.655+/-0.037 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.624+/-0.038 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

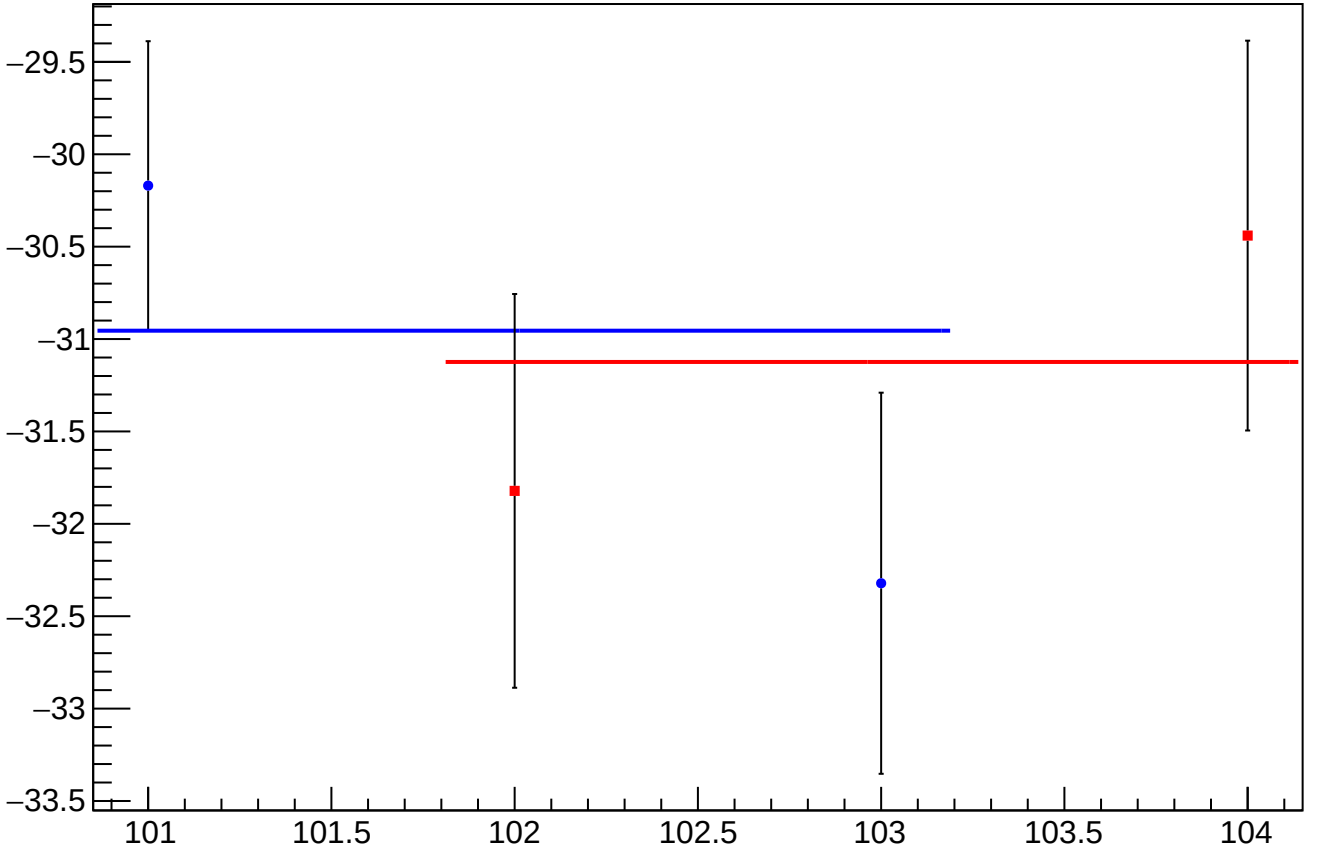
Right: -0.640+/-0.027 χ^2/NDF: 0.9/3

In: -0.655+/-0.037 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.640+/-0.027 χ^2/NDF: 0.9/3

reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -30.955+/-0.623 χ^2/NDF: 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -31.124+/-0.750 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

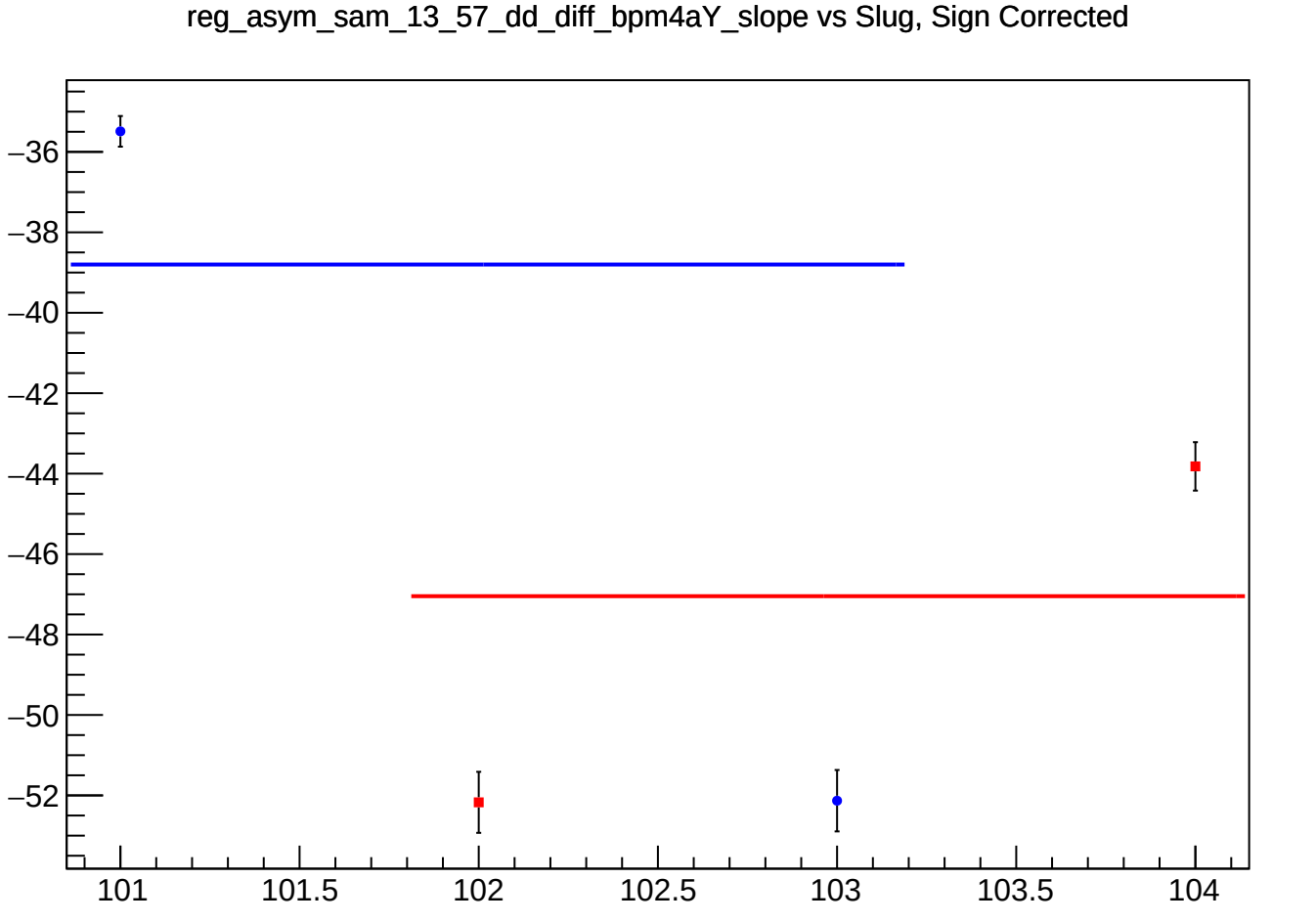
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -31.024+/-0.479 χ^2/NDF: 3.6/3

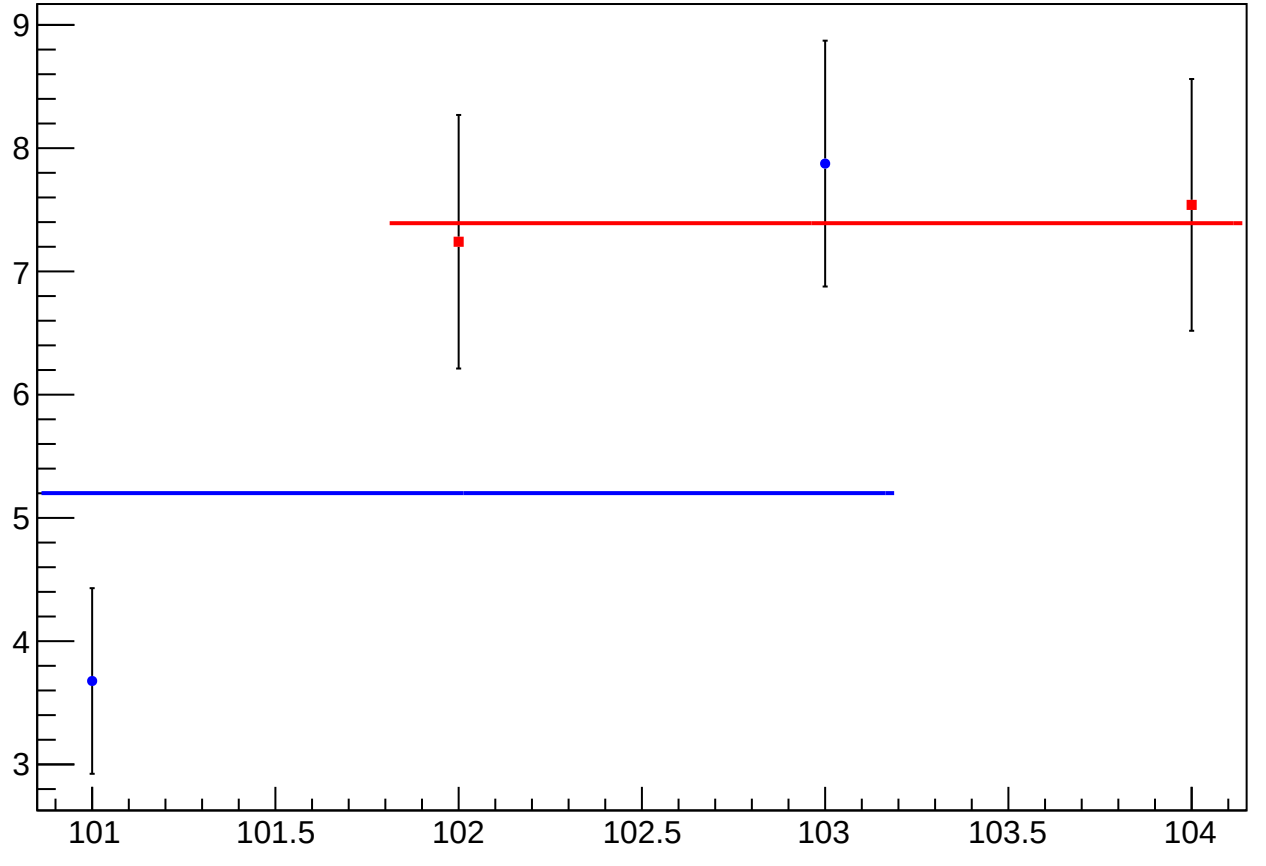
In: -30.955+/-0.623 χ^2/NDF:2.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -31.024+/-0.479 χ^2/NDF: 3.6/3


reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
−36
−38
−40
−42
−44
−46
−48
−50
−52
101
101.5
102
102.5
103
103.5
104
Right In: -38.801+/-0.341 χ²/NDF: 380.5/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -47.047+/-0.472 χ²/NDF: 74.4/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -41.628+/-0.276 χ²/NDF: 655.8/3
In: -38.801+/-0.341 χ²/NDF:380.5/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -41.628+/-0.276 χ²/NDF: 655.8/3

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.201+/-0.601 χ^2/NDF: 11.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.391+/-0.725 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

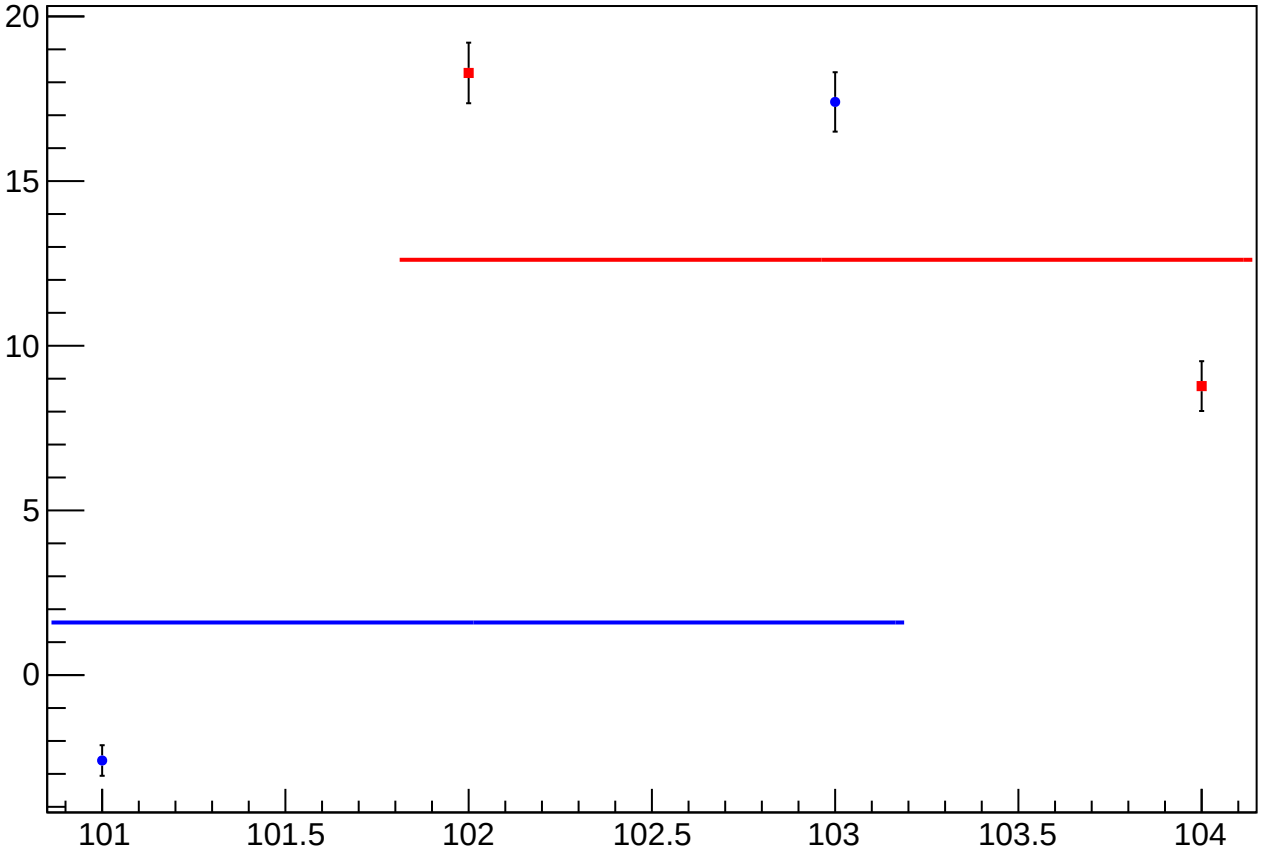
Right: 6.094+/-0.463 χ^2/NDF: 16.7/3

In: 5.201+/-0.601 χ^2/NDF:11.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.094+/-0.463 χ^2/NDF: 16.7/3

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.597+/-0.413 χ^2/NDF: 388.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.611+/-0.584 χ^2/NDF: 63.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

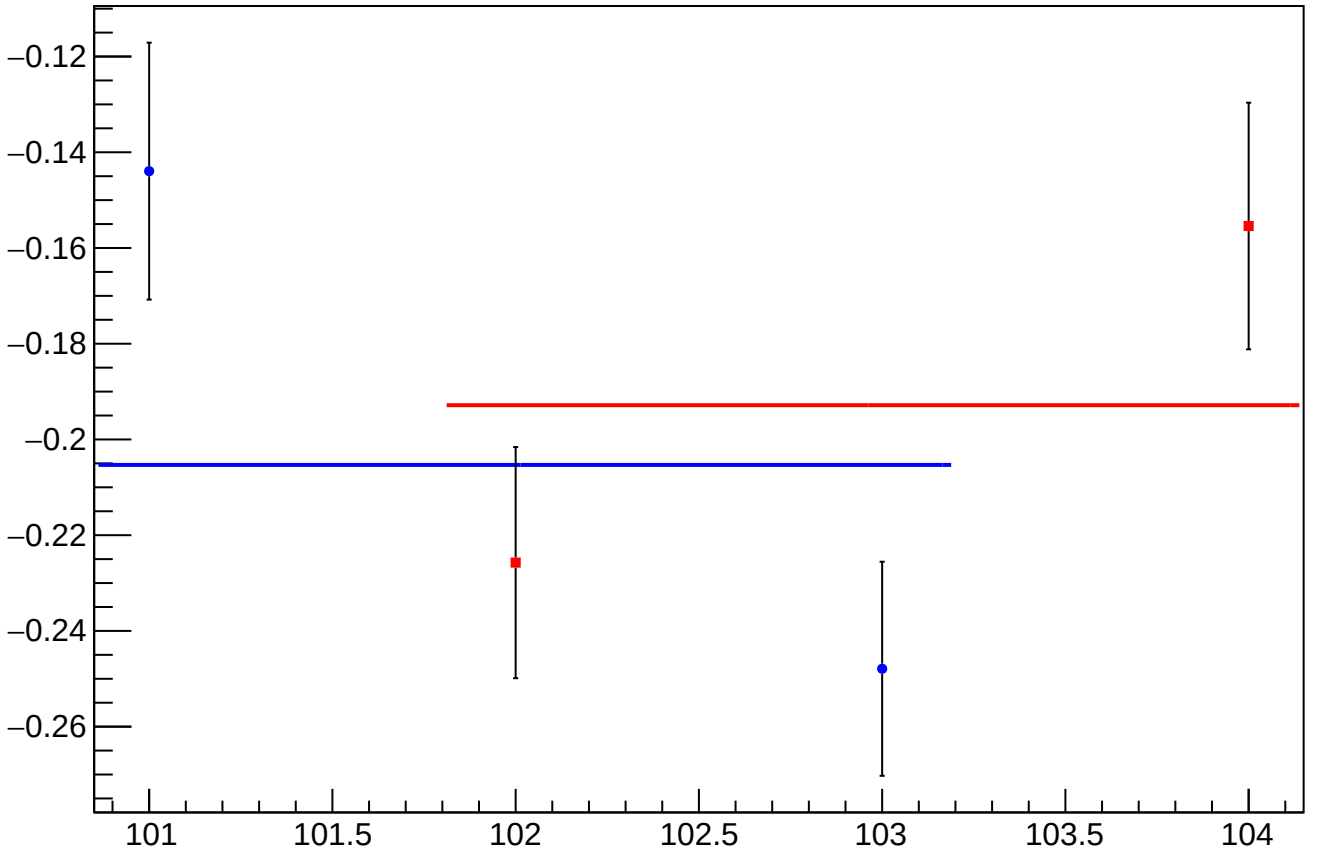
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 5.267+/-0.337 χ^2/NDF: 689.4/3

In: 1.597+/-0.413 χ^2/NDF:388.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 5.267+/-0.337 χ^2/NDF: 689.4/3



Right In: -0.205+/-0.017 χ^2/NDF: 8.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.193+/-0.018 χ^2/NDF: 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

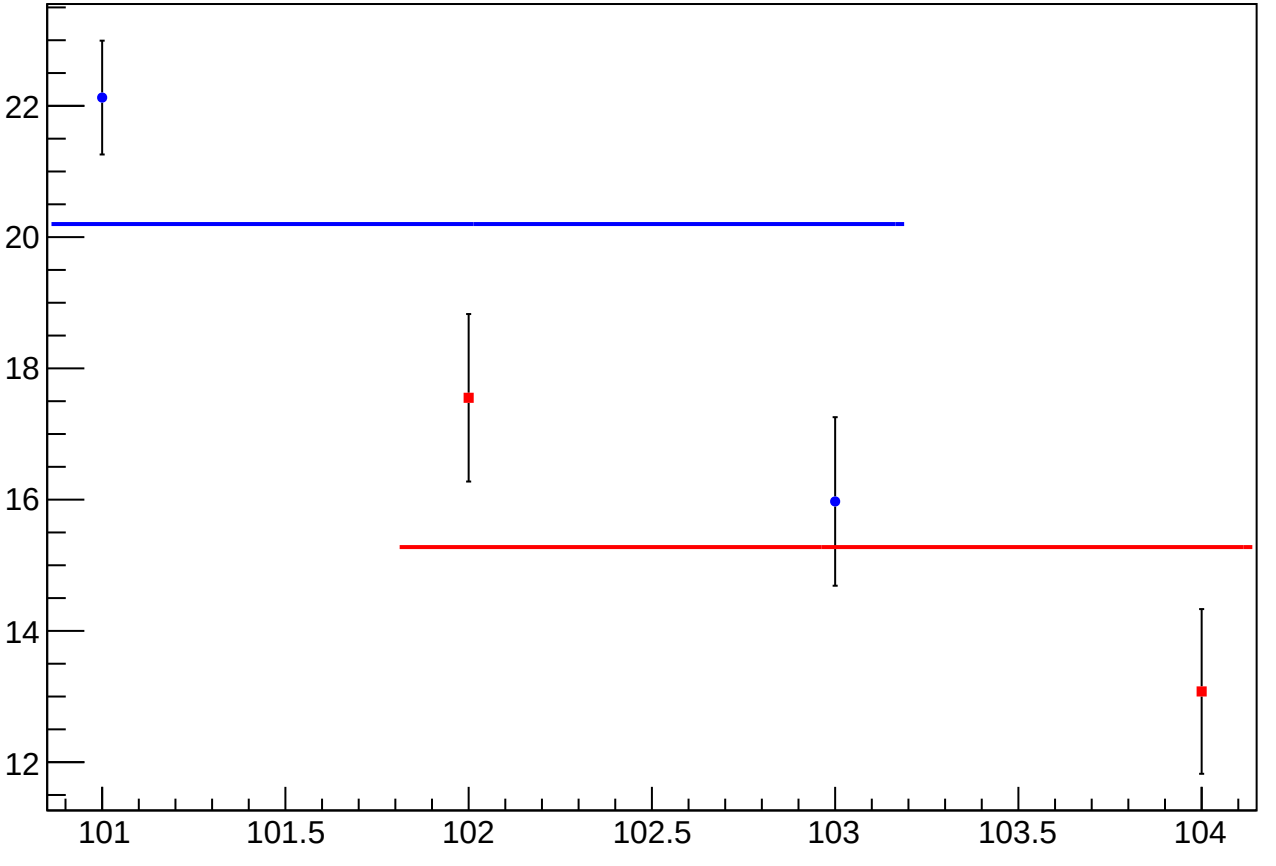
Right: -0.199+/-0.012 χ^2/NDF: 13.1/3

In: -0.205+/-0.017 χ^2/NDF:8.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.199+/-0.012 χ^2/NDF: 13.1/3

reg_asym_sam_15_37_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 20.199+/-0.719 χ^2/NDF: 15.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 15.277+/-0.895 χ^2/NDF: 6.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

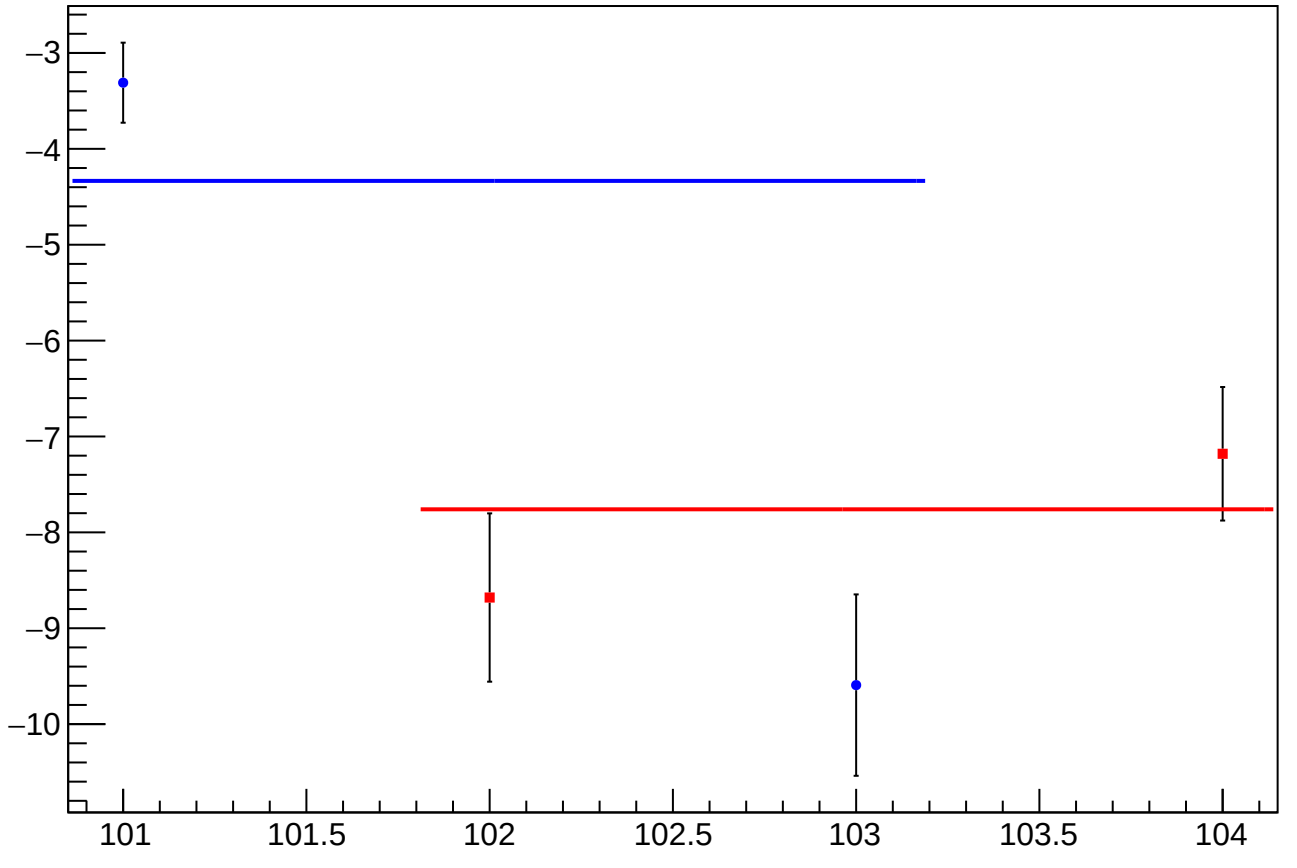
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 18.269+/-0.560 χ^2/NDF: 40.4/3

In: 20.199+/-0.719 χ^2/NDF:15.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.269+/-0.560 χ^2/NDF: 40.4/3



Right In: -4.334+/-0.382 χ^2/NDF: 36.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.760+/-0.546 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

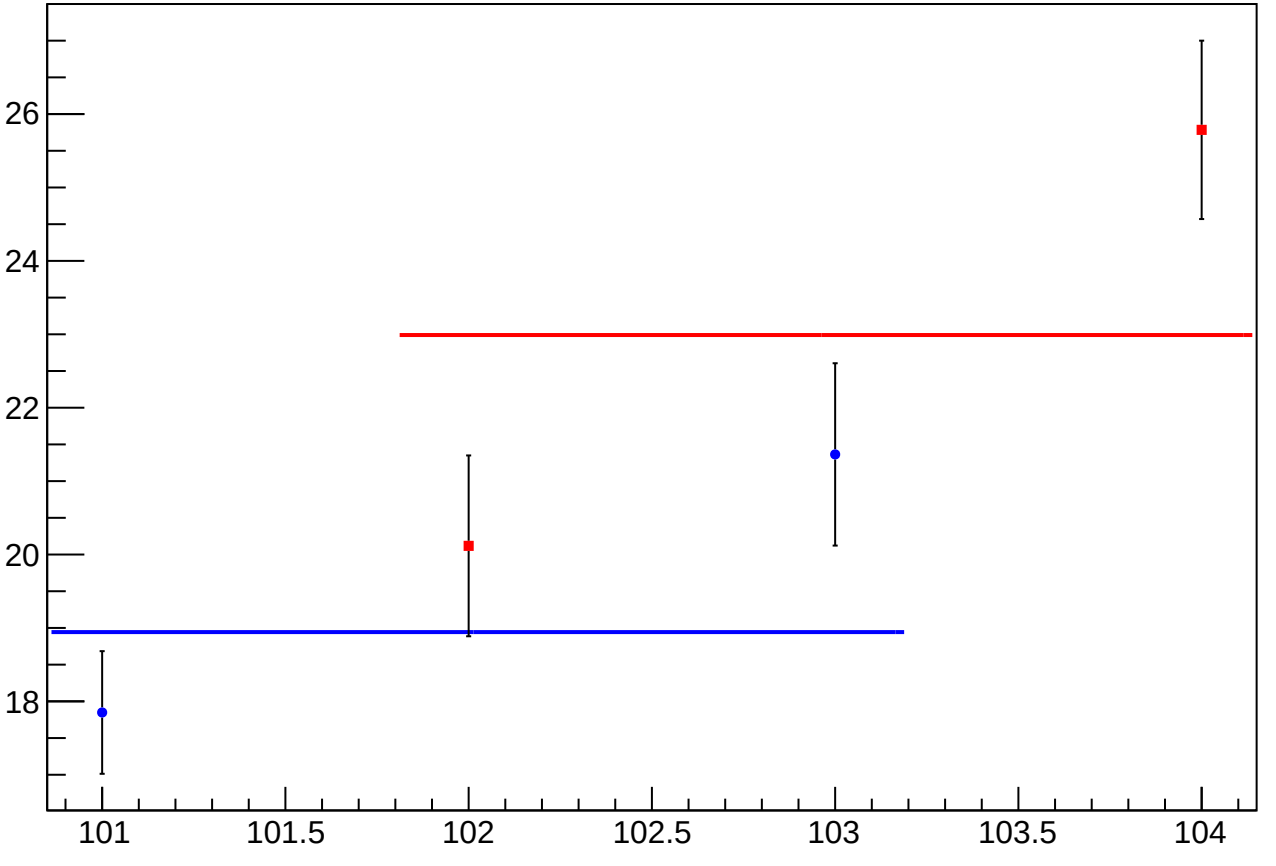
Right: -5.461+/-0.313 χ^2/NDF: 65.2/3

In: -4.334+/-0.382 χ^2/NDF:36.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -5.461+/-0.313 χ^2/NDF: 65.2/3

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 18.943+/-0.693 χ^2/NDF: 5.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.990+/-0.865 χ^2/NDF: 10.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

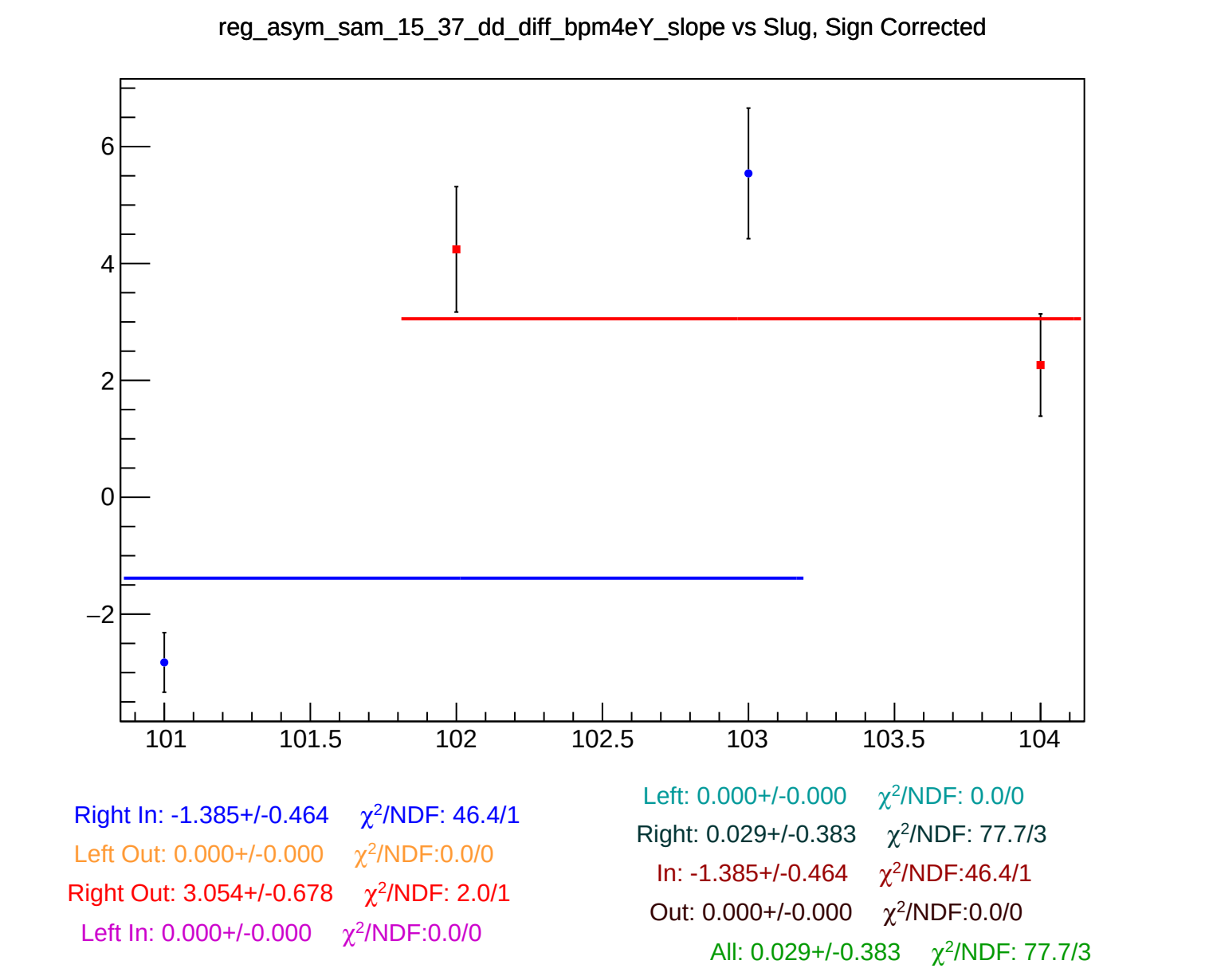
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 20.526+/-0.541 χ^2/NDF: 29.6/3

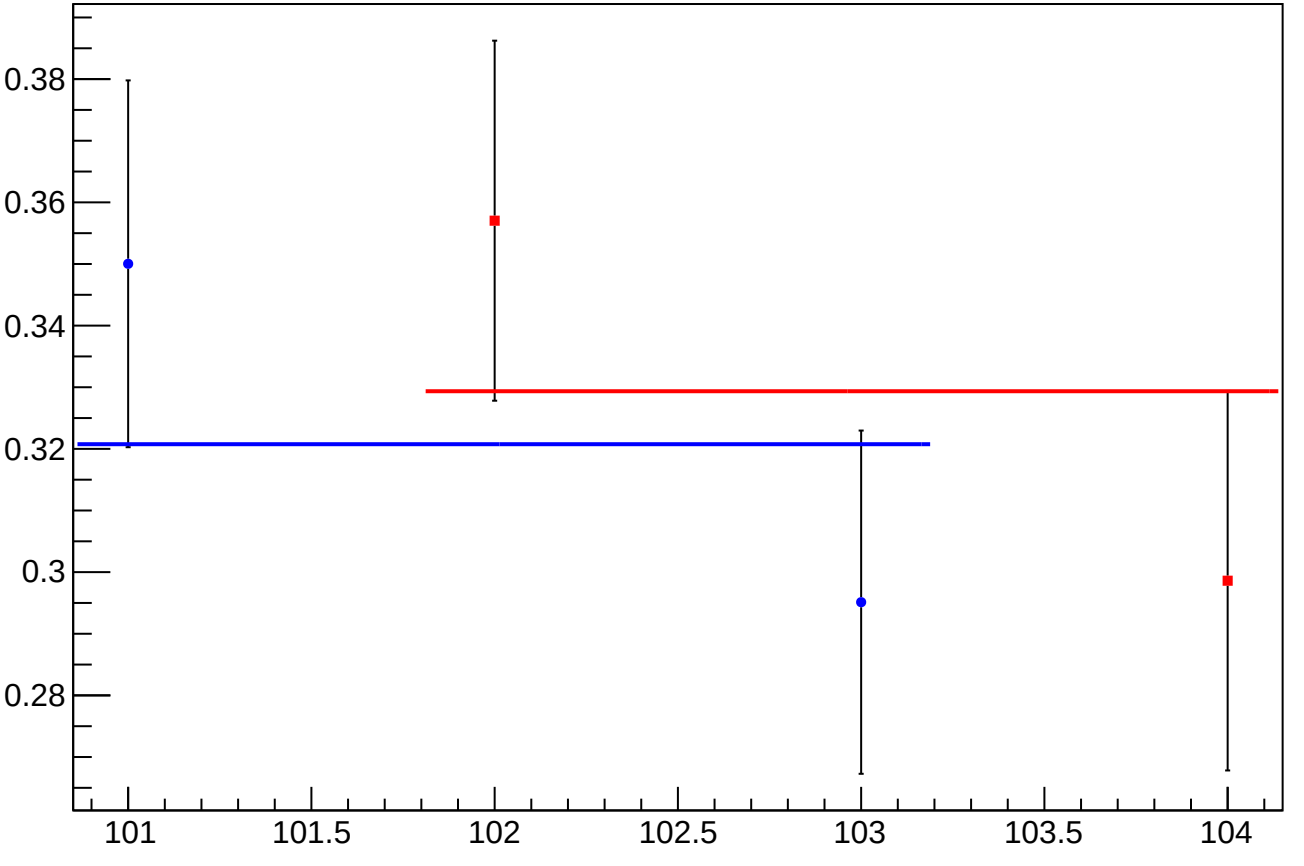
In: 18.943+/-0.693 χ^2/NDF:5.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 20.526+/-0.541 χ^2/NDF: 29.6/3


reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected
6
4
2
0
−2
101
101.5
102
102.5
103
103.5
104
Right In: -1.385+/-0.464 χ²/NDF: 46.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 3.054+/-0.678 χ²/NDF: 2.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 0.029+/-0.383 χ²/NDF: 77.7/3
In: -1.385+/-0.464 χ²/NDF:46.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 0.029+/-0.383 χ²/NDF: 77.7/3

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.020 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.329+/-0.021 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

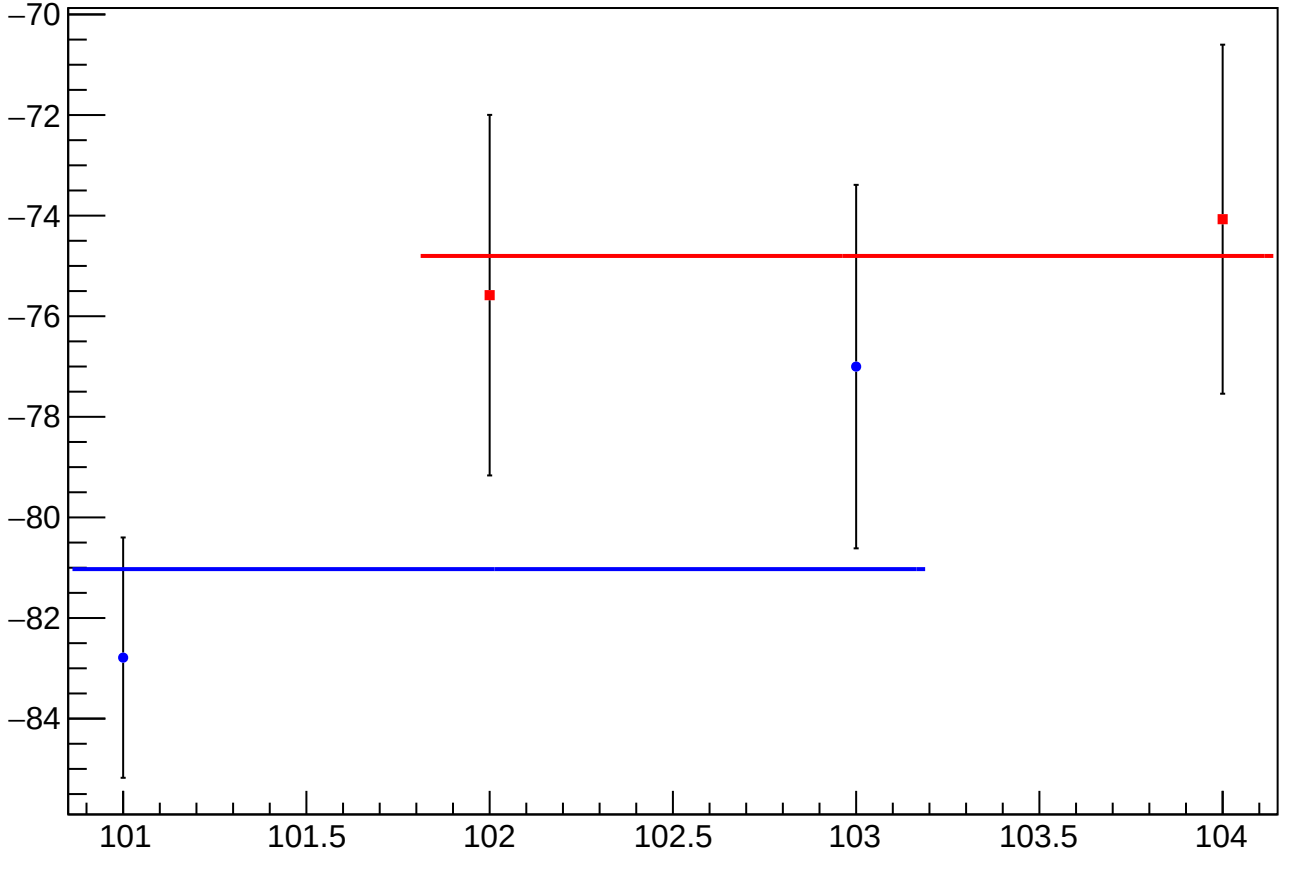
Right: 0.325+/-0.015 χ^2/NDF: 3.8/3

In: 0.321+/-0.020 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.325+/-0.015 χ^2/NDF: 3.8/3

reg_asym_sam_24_68_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -81.028+/-1.993 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -74.802+/-2.493 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

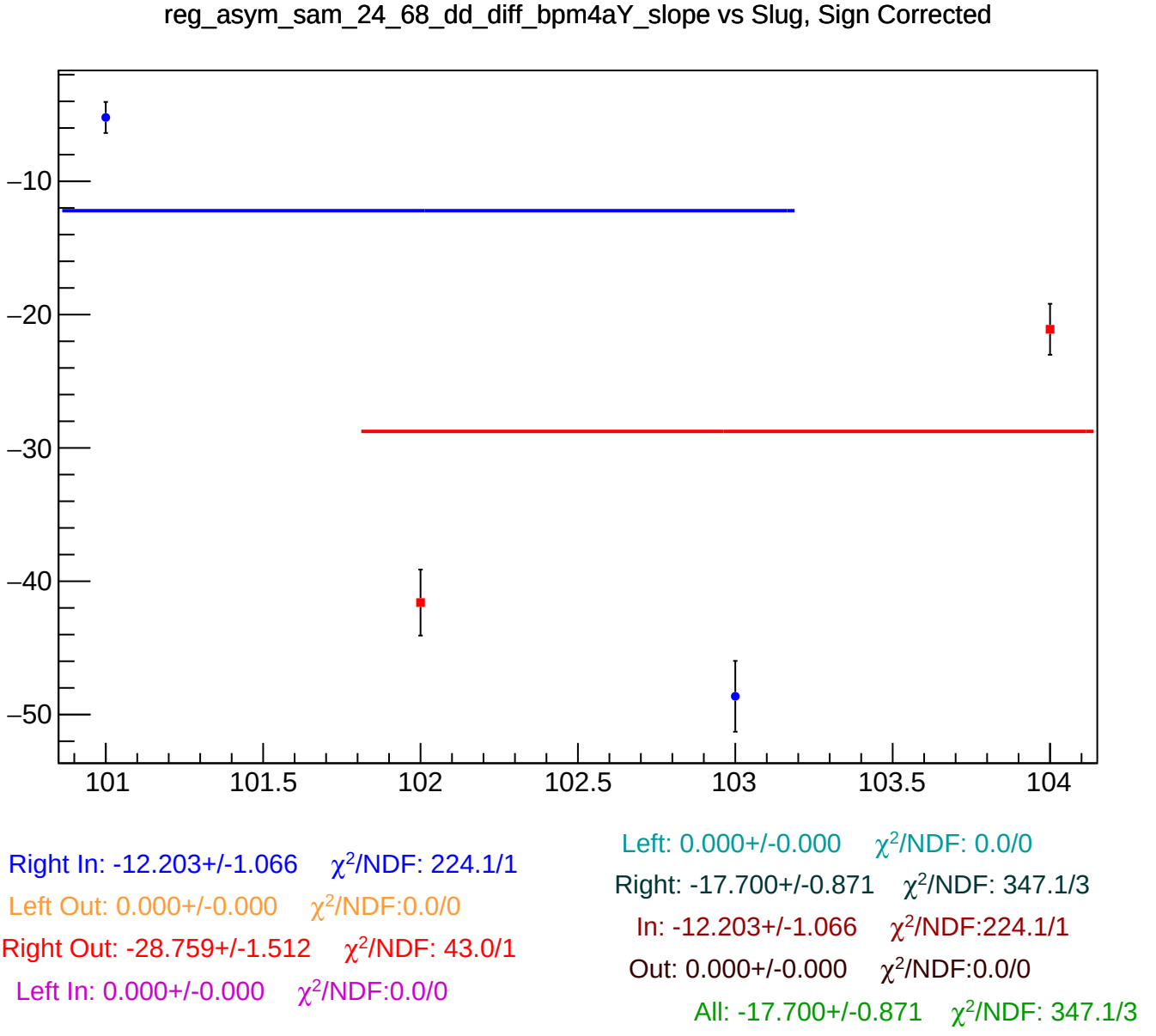
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -78.600+/-1.557 χ^2/NDF: 5.7/3

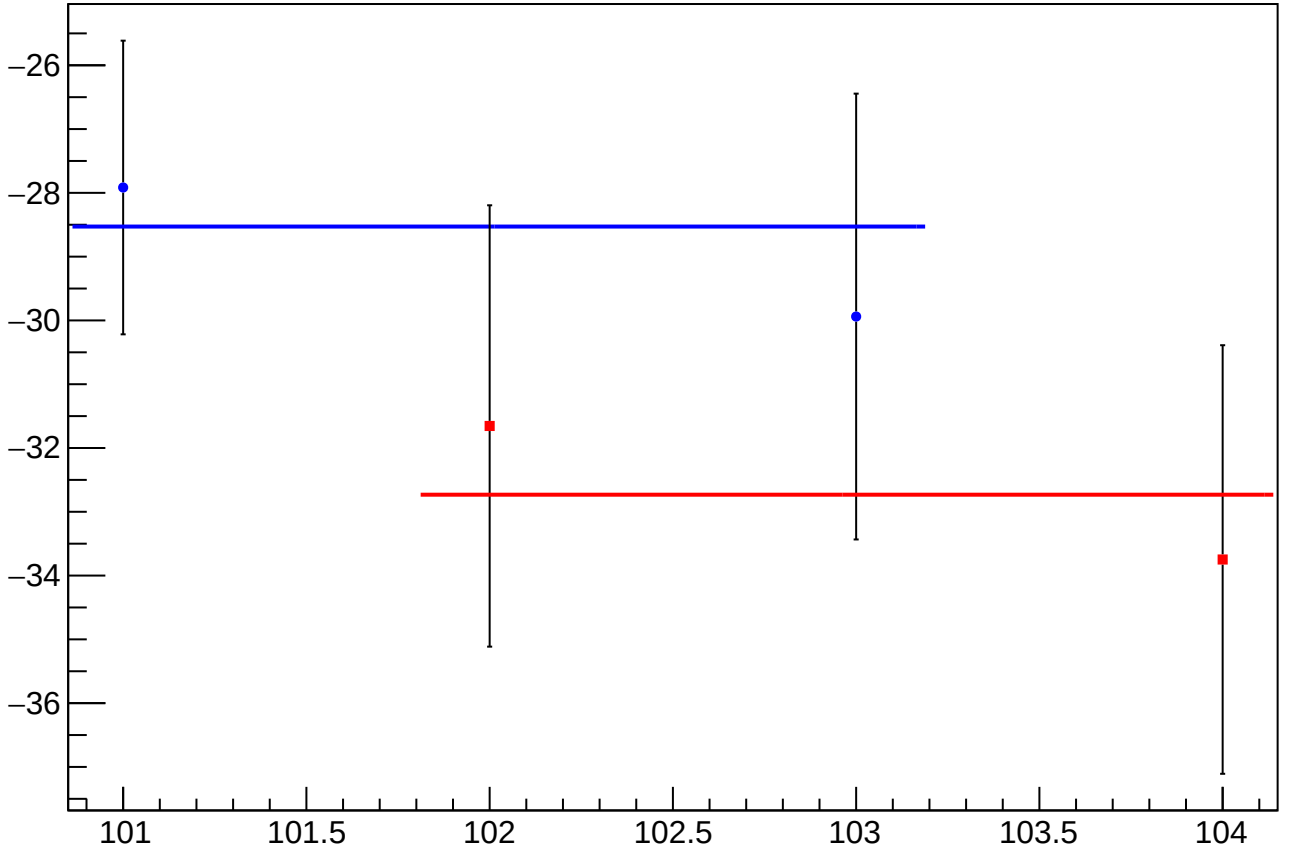
In: -81.028+/-1.993 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -78.600+/-1.557 χ^2/NDF: 5.7/3


reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected
−10
−20
−30
−40
−50
101
101.5
102
102.5
103
103.5
104
Right In: -12.203+/-1.066 χ²/NDF: 224.1/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -28.759+/-1.512 χ²/NDF: 43.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -17.700+/-0.871 χ²/NDF: 347.1/3
In: -12.203+/-1.066 χ²/NDF:224.1/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -17.700+/-0.871 χ²/NDF: 347.1/3

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -28.528+/-1.922 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.732+/-2.410 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

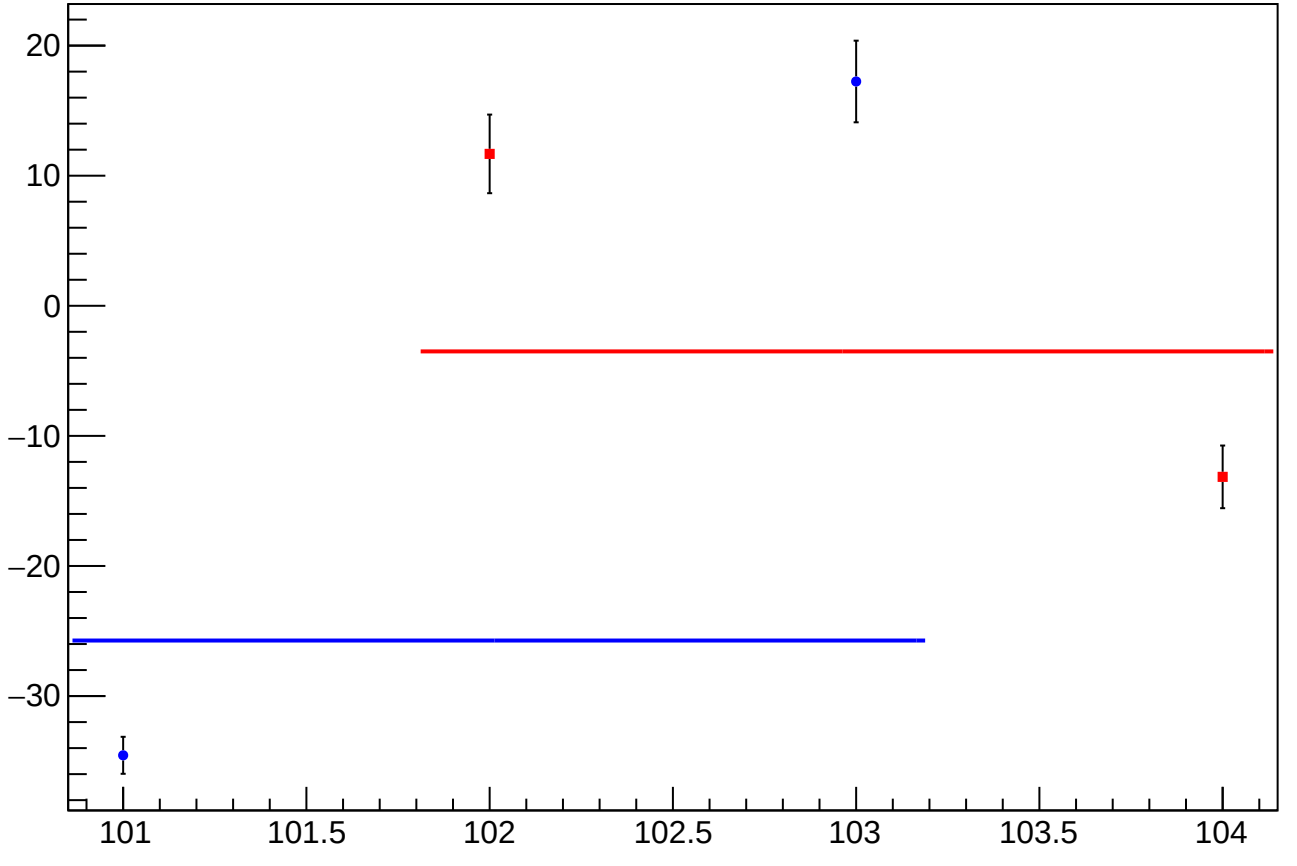
Right: -30.163+/-1.503 χ^2/NDF: 2.3/3

In: -28.528+/-1.922 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -30.163+/-1.503 χ^2/NDF: 2.3/3

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.731+/-1.295 χ^2/NDF: 226.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.506+/-1.883 χ^2/NDF: 41.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

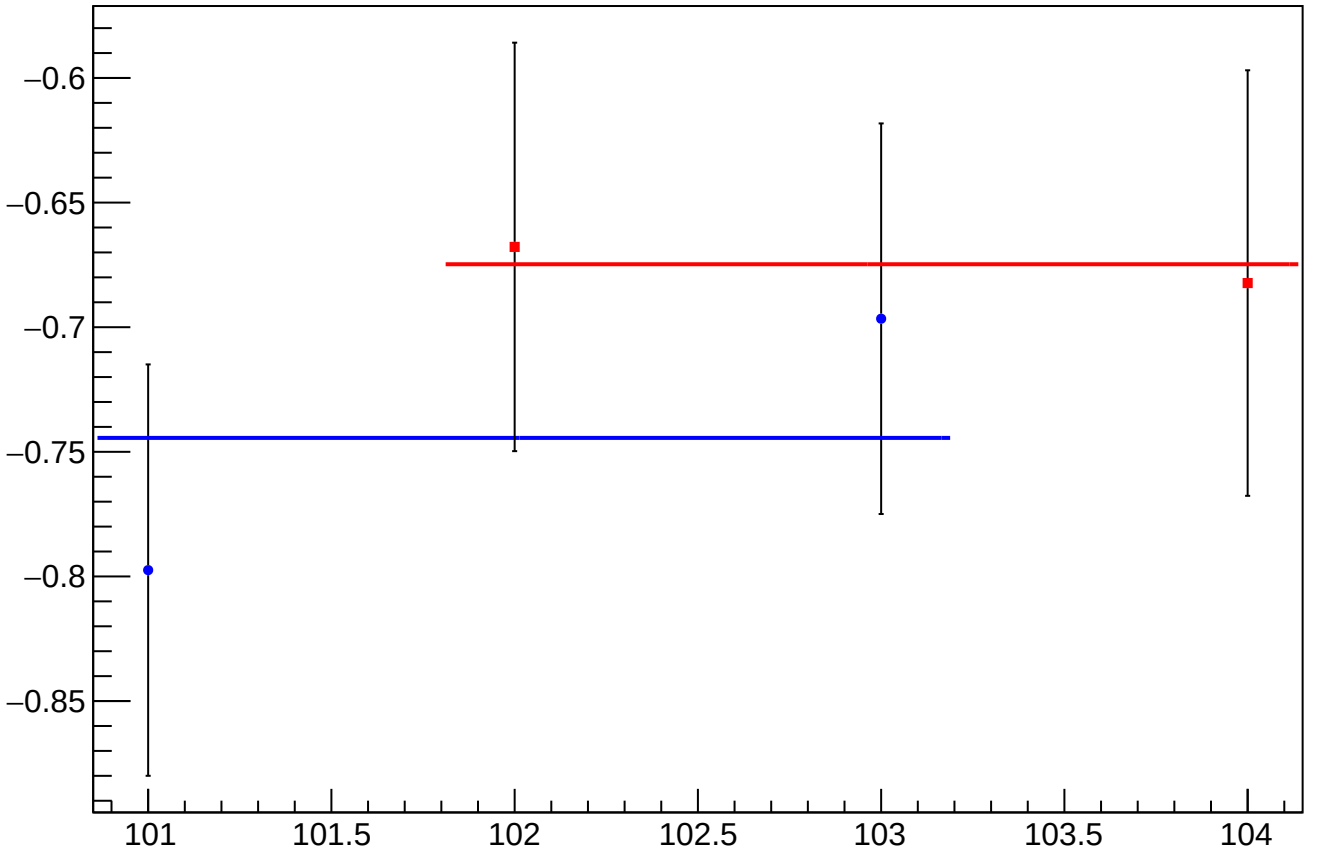
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -18.594+/-1.067 χ^2/NDF: 362.0/3

In: -25.731+/-1.295 χ^2/NDF:226.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -18.594+/-1.067 χ^2/NDF: 362.0/3



Right In: -0.744+/-0.057 χ^2/NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.675+/-0.059 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

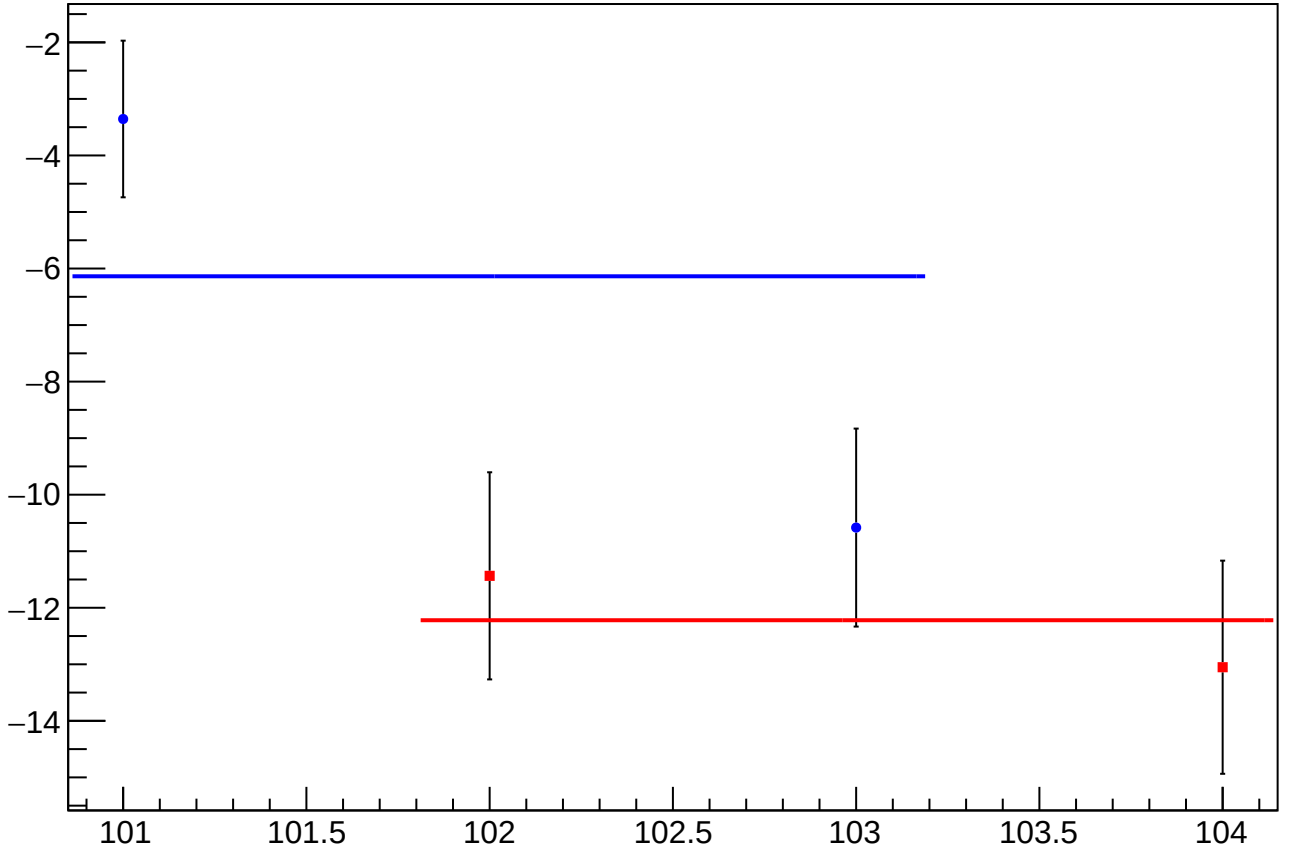
Right: -0.711+/-0.041 χ^2/NDF: 1.5/3

In: -0.744+/-0.057 χ^2/NDF:0.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.711+/-0.041 χ^2/NDF: 1.5/3

reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -6.137+/-1.086 χ^2/NDF: 10.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.220+/-1.314 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

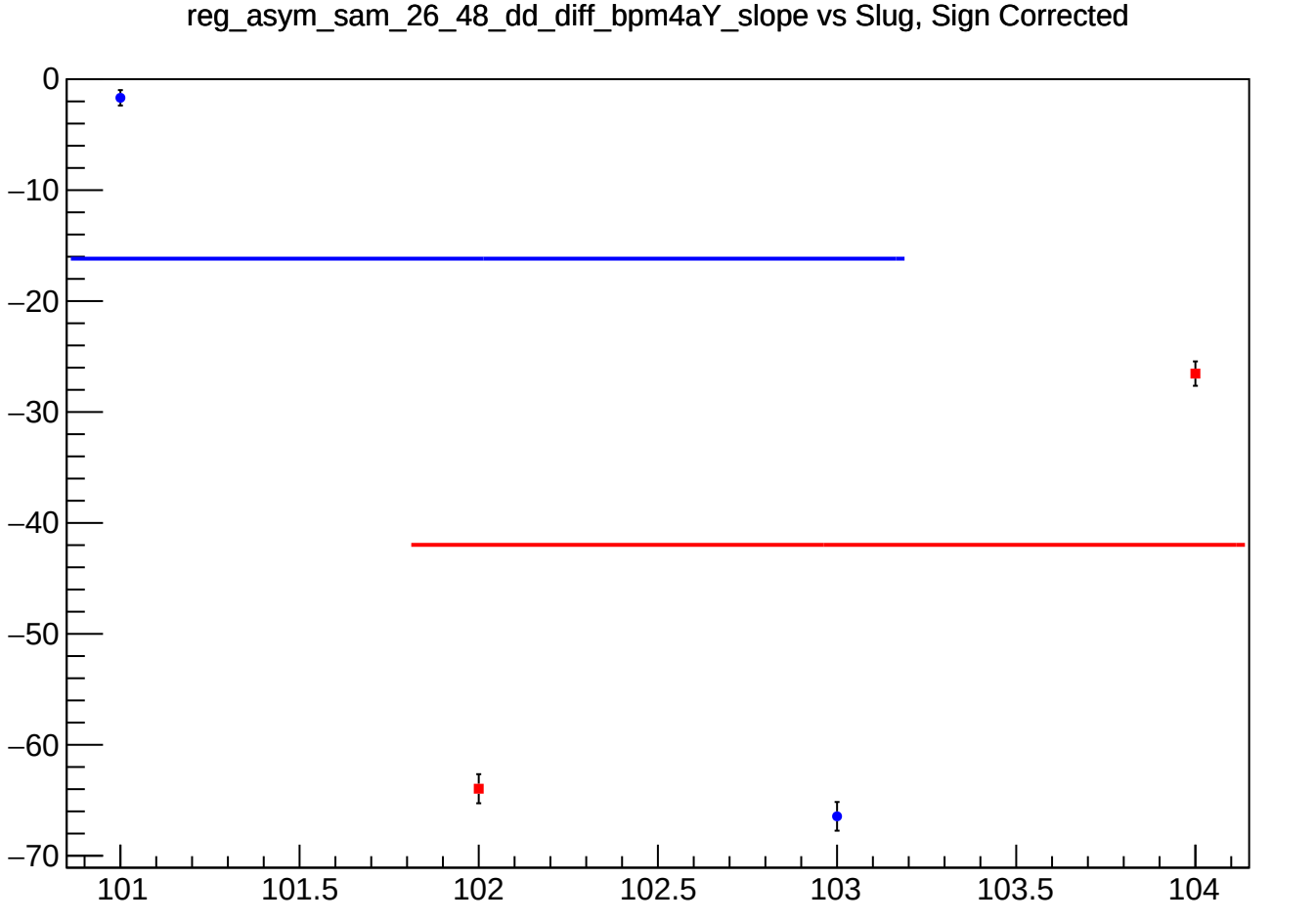
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.608+/-0.837 χ^2/NDF: 23.6/3

In: -6.137+/-1.086 χ^2/NDF:10.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.608+/-0.837 χ^2/NDF: 23.6/3



Right In: -16.175+/-0.612 χ^2/NDF: 1947.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -41.976+/-0.842 χ^2/NDF: 478.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

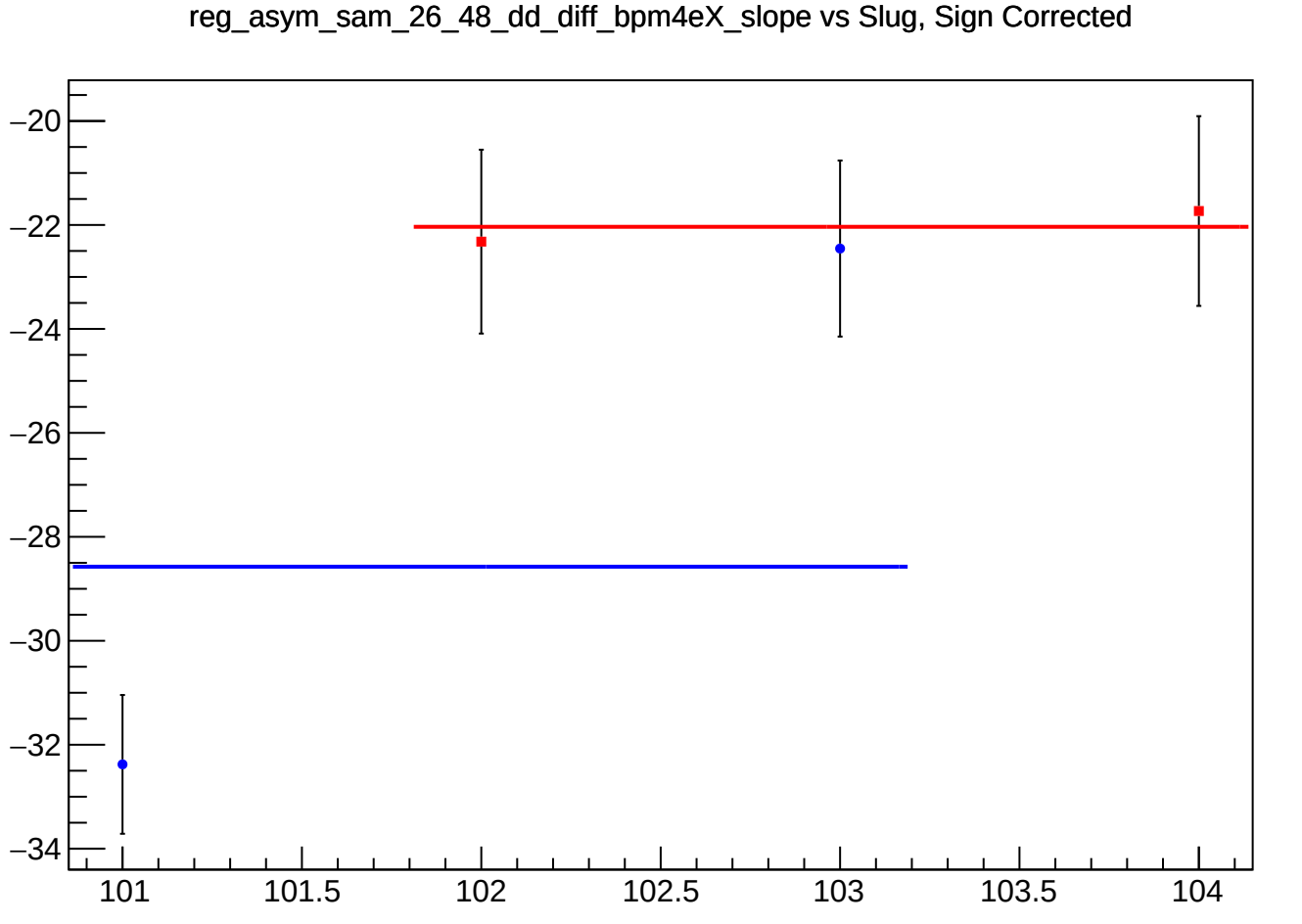
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

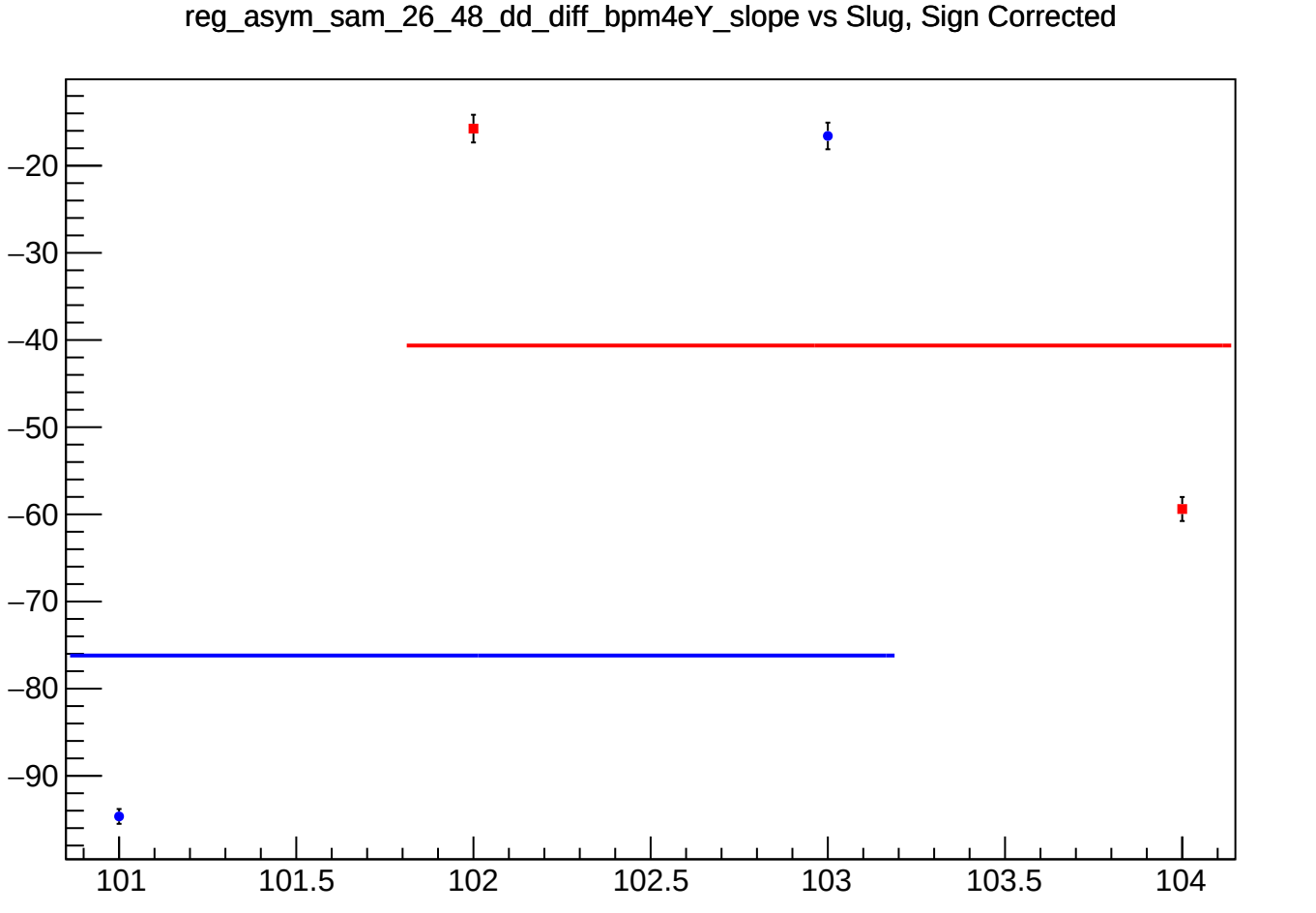
Right: -25.087+/-0.495 χ^2/NDF: 3040.1/3

In: -16.175+/-0.612 χ^2/NDF:1947.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -25.087+/-0.495 χ^2/NDF: 3040.1/3


reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected
−20
−22
−24
−26
−28
−30
−32
−34
101
101.5
102
102.5
103
103.5
104
Right In: -28.575+/-1.048 χ2/NDF: 21.2/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -22.036+/-1.270 χ2/NDF: 0.1/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -25.925+/-0.808 χ2/NDF: 37.0/3
In: -28.575+/-1.048 χ2/NDF:21.2/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -25.925+/-0.808 χ2/NDF: 37.0/3



Right In: -76.197+/-0.743 χ^2/NDF: 1995.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -40.634+/-1.041 χ^2/NDF: 430.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

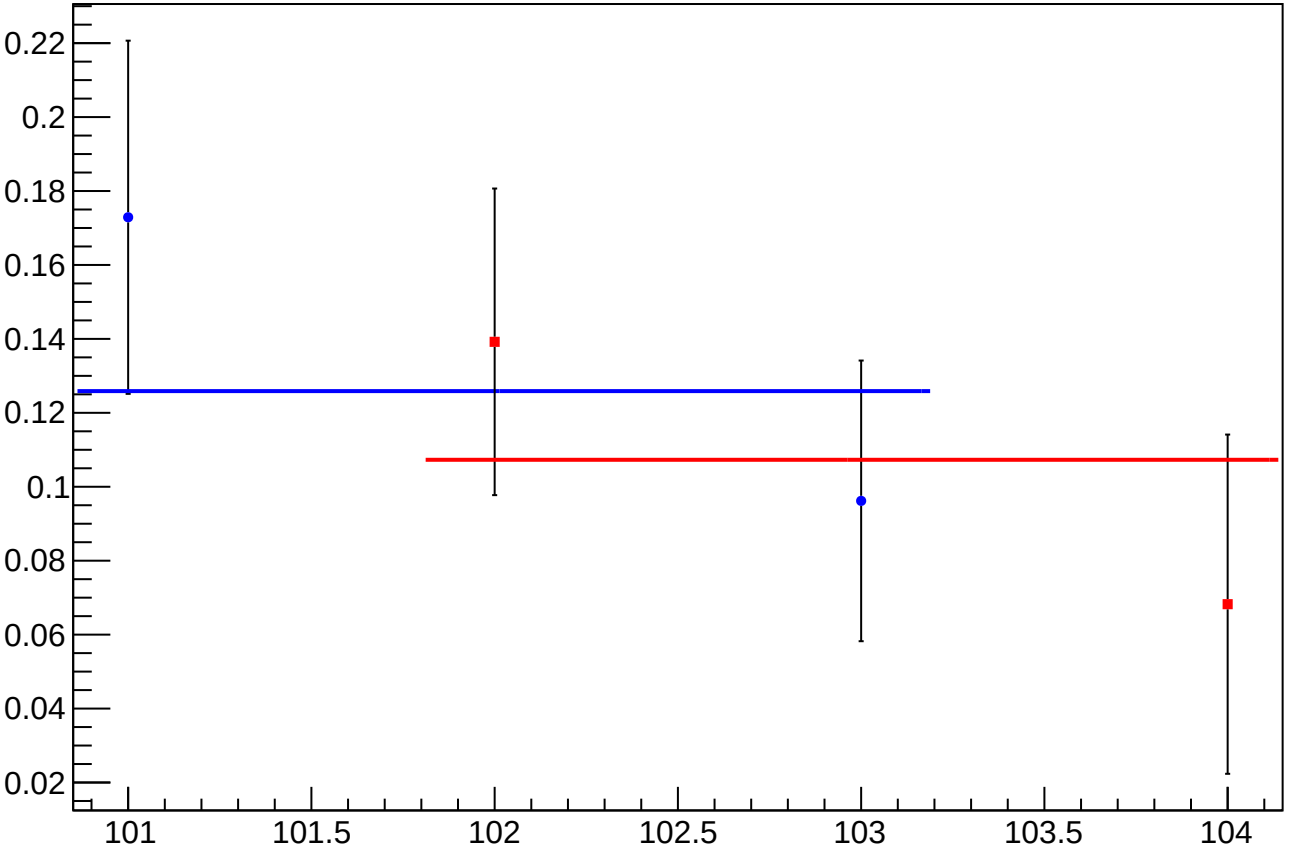
Right: -64.207+/-0.605 χ^2/NDF: 3199.9/3

In: -76.197+/-0.743 χ^2/NDF:1995.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -64.207+/-0.605 χ^2/NDF: 3199.9/3

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.126+/-0.030 χ^2/NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.107+/-0.031 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

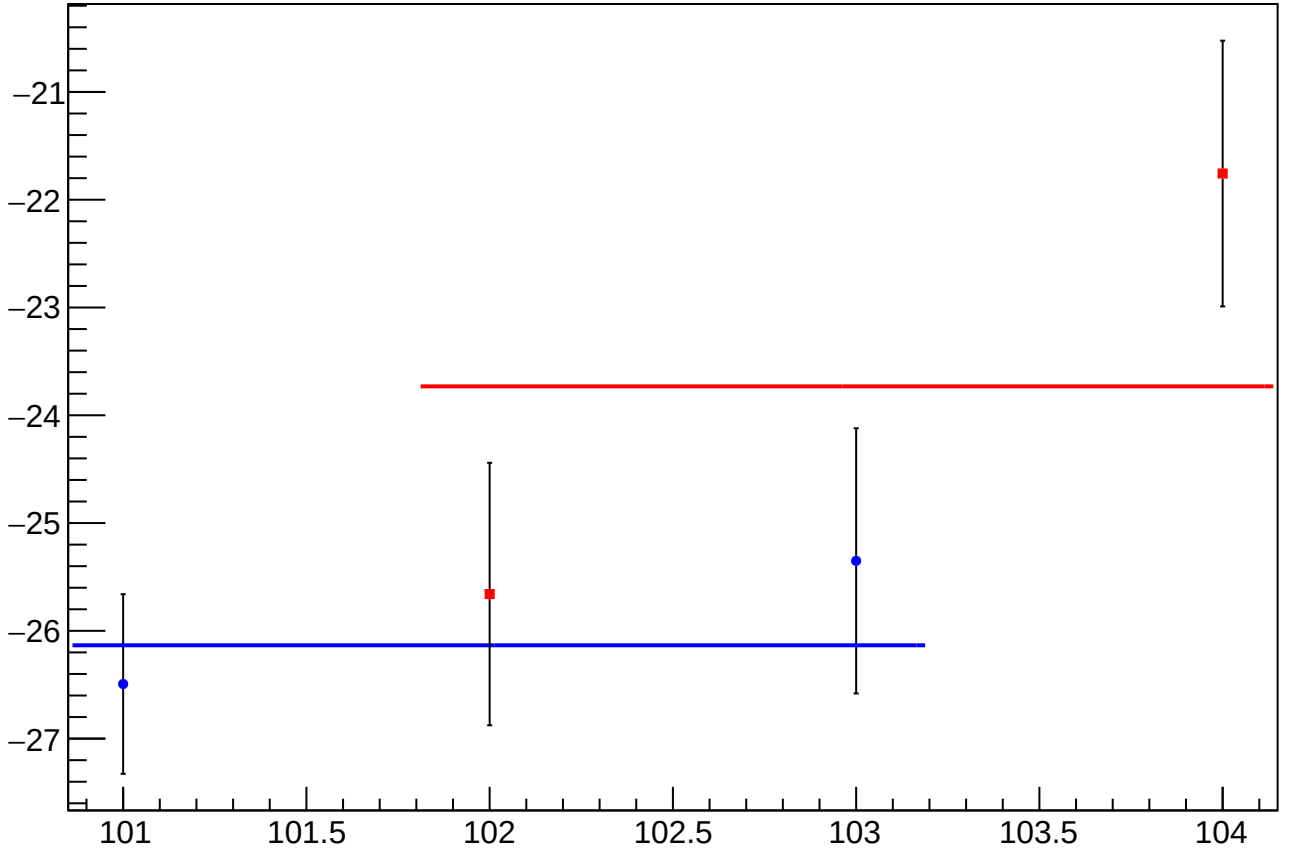
Right: 0.117+/-0.021 χ^2/NDF: 3.1/3

In: 0.126+/-0.030 χ^2/NDF:1.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.117+/-0.021 χ^2/NDF: 3.1/3

reg_asym_sam_1357_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -26.134+/-0.690 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -23.732+/-0.866 χ^2/NDF: 5.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

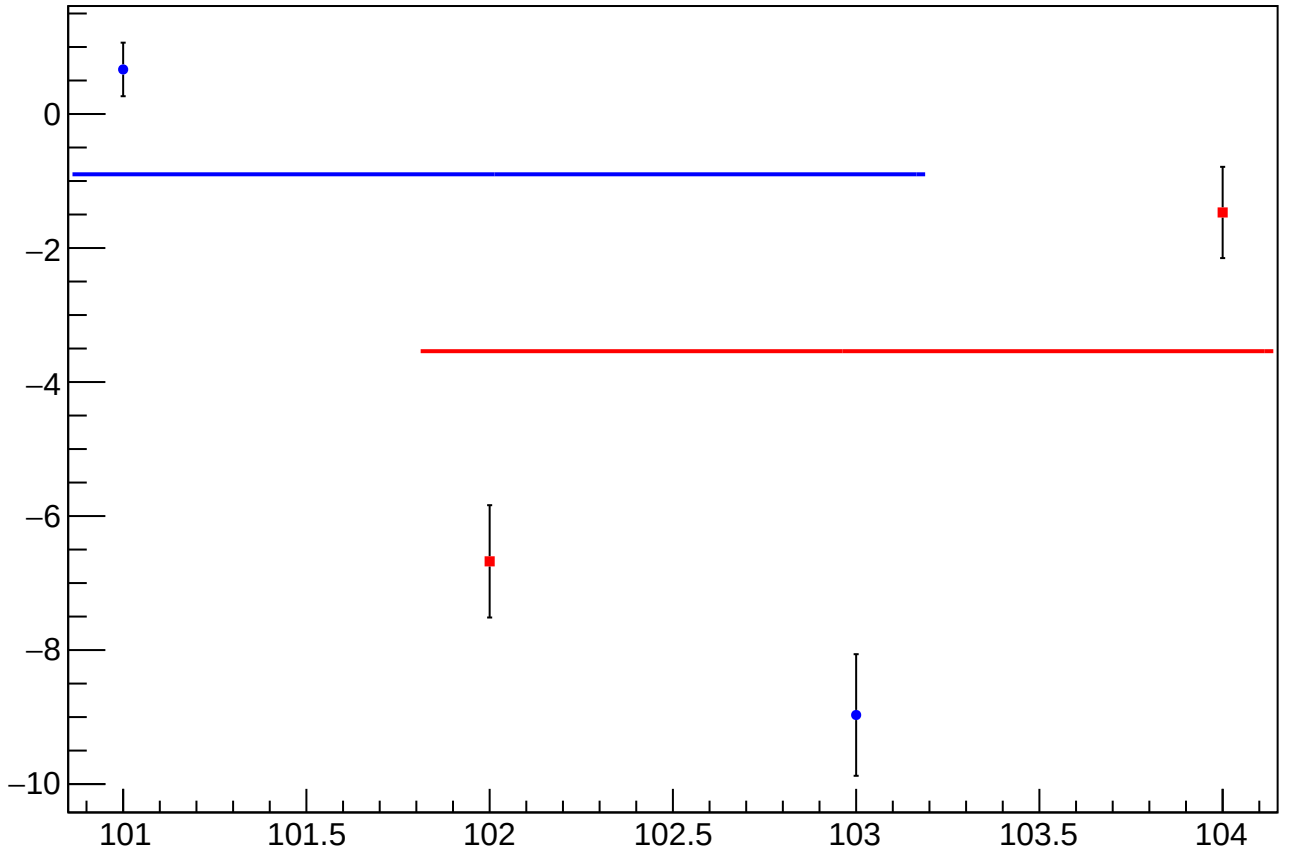
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -25.202+/-0.540 χ^2/NDF: 10.4/3

In: -26.134+/-0.690 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -25.202+/-0.540 χ^2/NDF: 10.4/3



Right In: -0.900+/-0.366 χ^2/NDF: 94.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.540+/-0.529 χ^2/NDF: 23.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

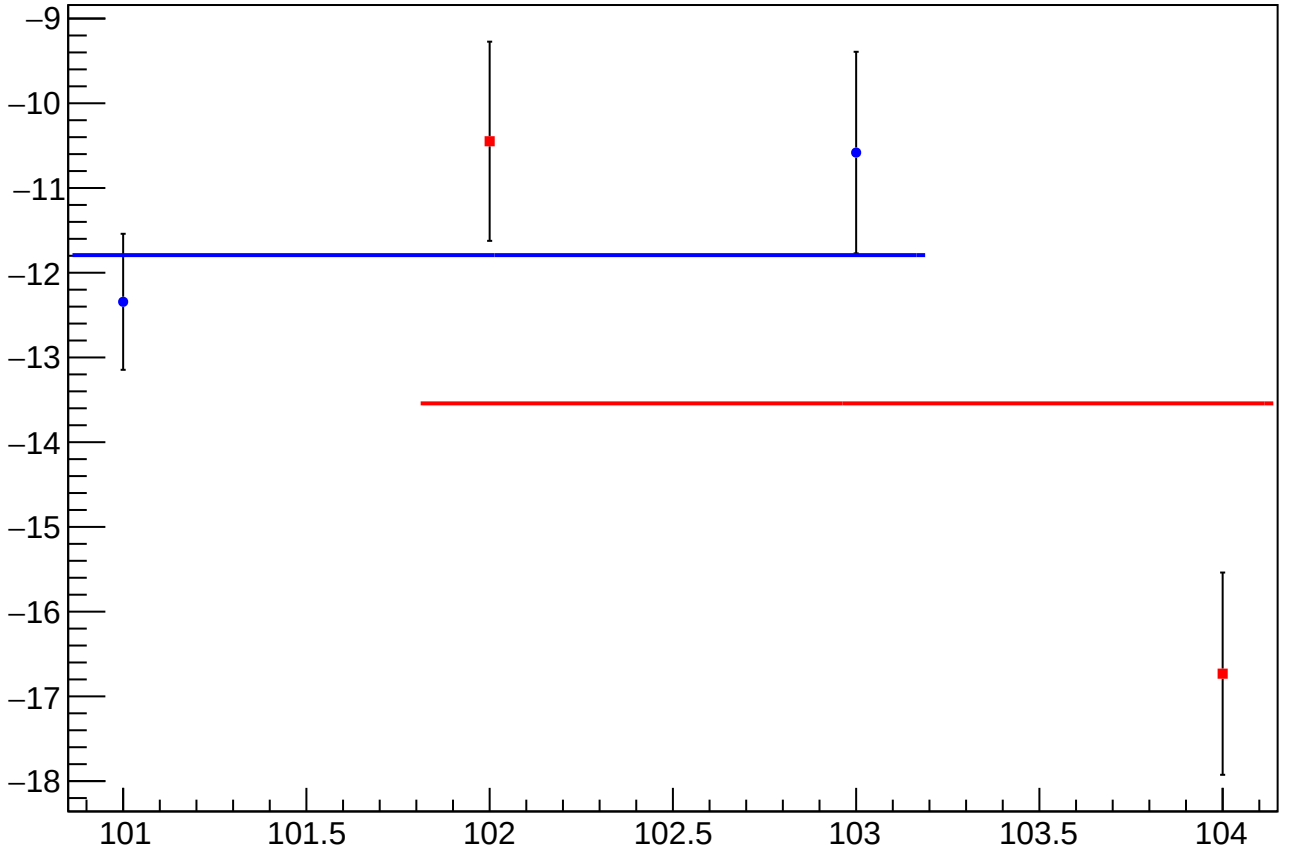
Right: -1.754+/-0.301 χ^2/NDF: 134.5/3

In: -0.900+/-0.366 χ^2/NDF:94.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.754+/-0.301 χ^2/NDF: 134.5/3

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.792+/-0.665 χ^2/NDF: 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -13.542+/-0.837 χ^2/NDF: 14.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

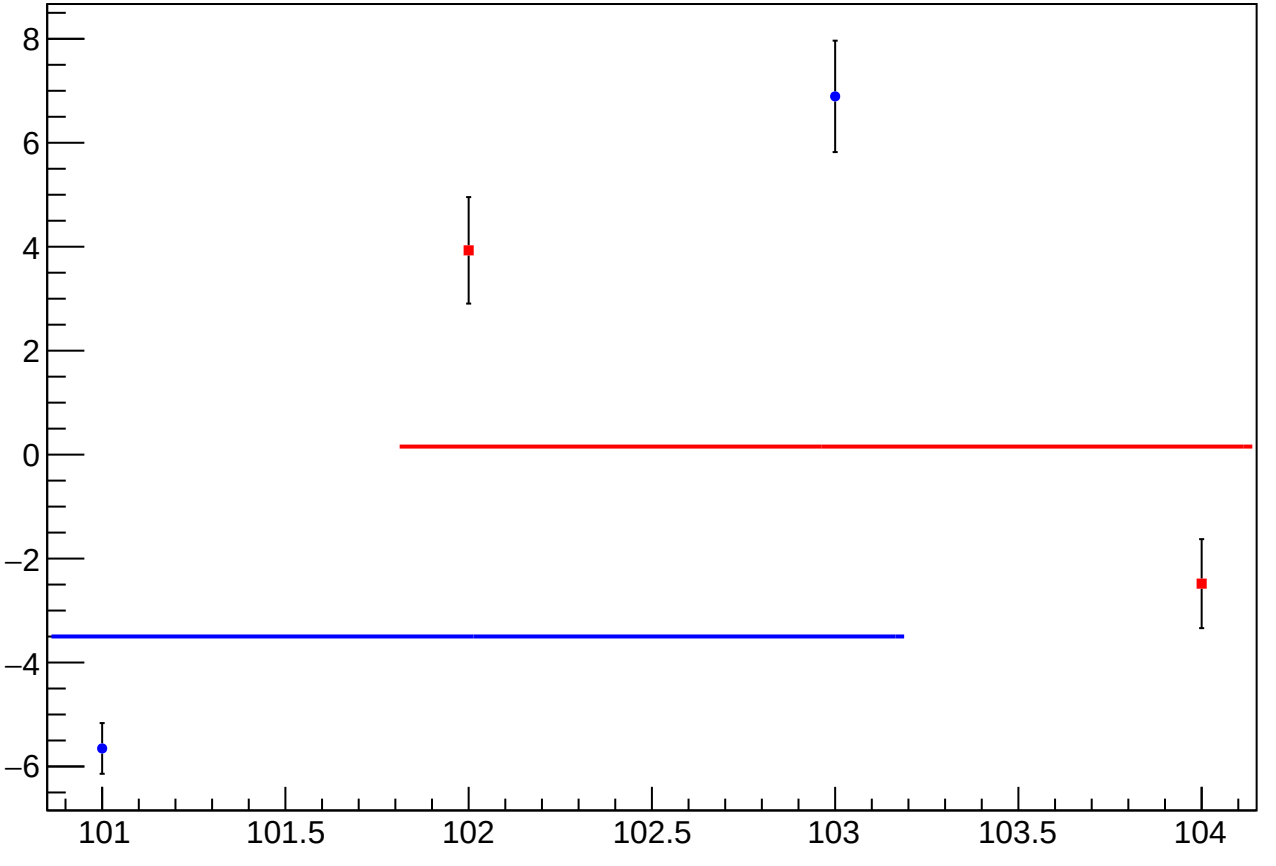
Right: -12.469+/-0.521 χ^2/NDF: 18.3/3

In: -11.792+/-0.665 χ^2/NDF:1.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.469+/-0.521 χ^2/NDF: 18.3/3

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.499+/-0.444 χ^2/NDF: 113.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.155+/-0.657 χ^2/NDF: 23.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

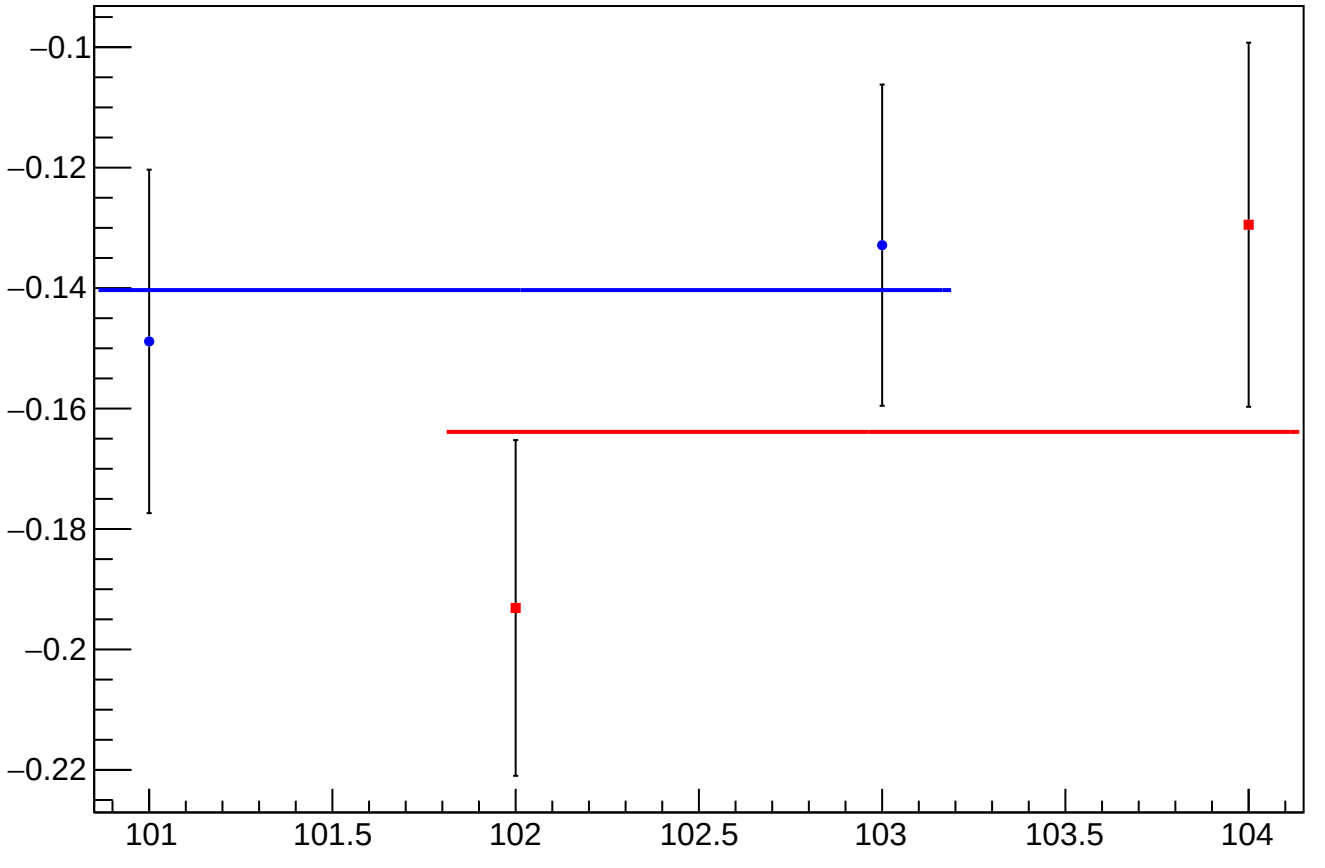
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -2.353+/-0.368 χ^2/NDF: 157.8/3

In: -3.499+/-0.444 χ^2/NDF:113.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -2.353+/-0.368 χ^2/NDF: 157.8/3



Right In: -0.140+/-0.019 χ^2/NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.164+/-0.020 χ^2/NDF: 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

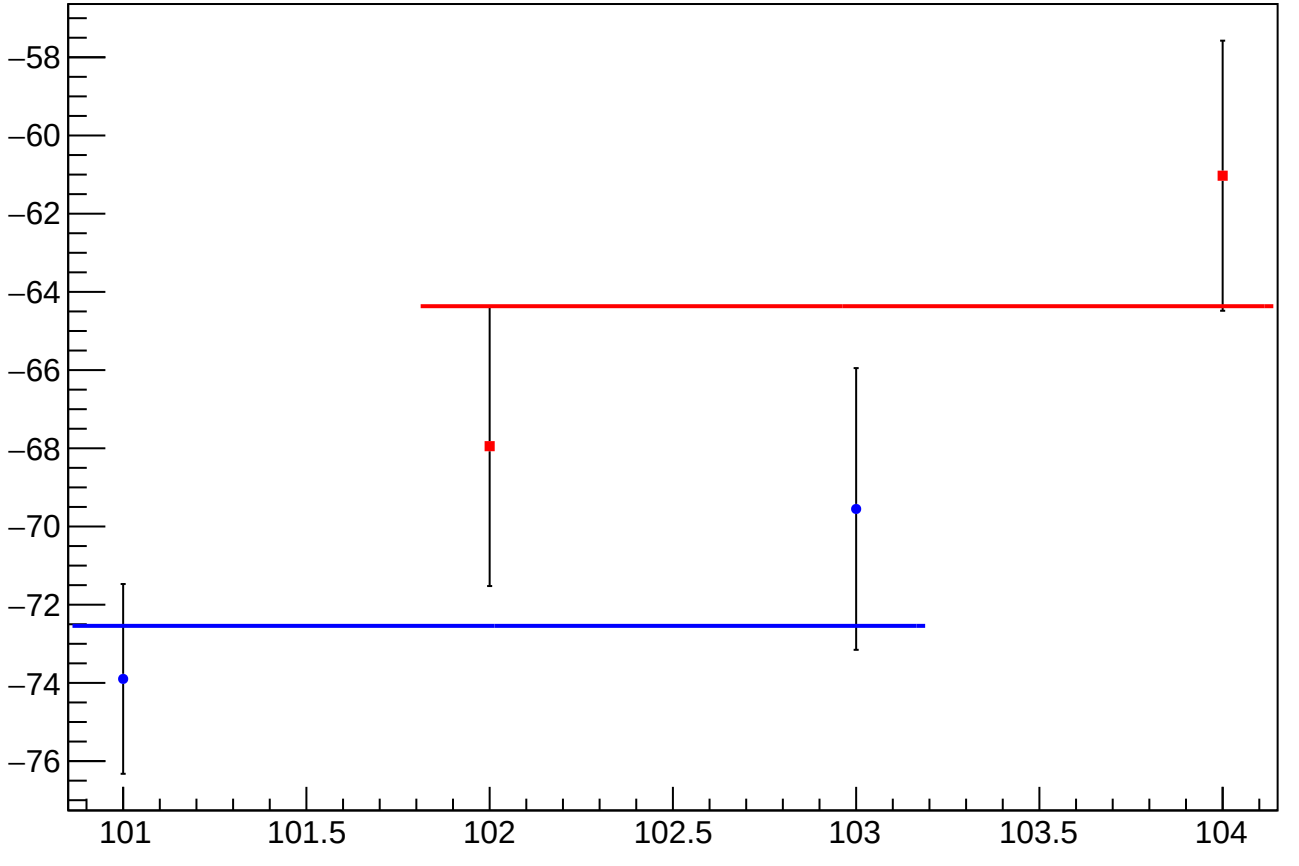
Right: -0.152+/-0.014 χ^2/NDF: 3.3/3

In: -0.140+/-0.019 χ^2/NDF:0.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.152+/-0.014 χ^2/NDF: 3.3/3

reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -72.541+/-2.013 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -64.366+/-2.485 χ^2/NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

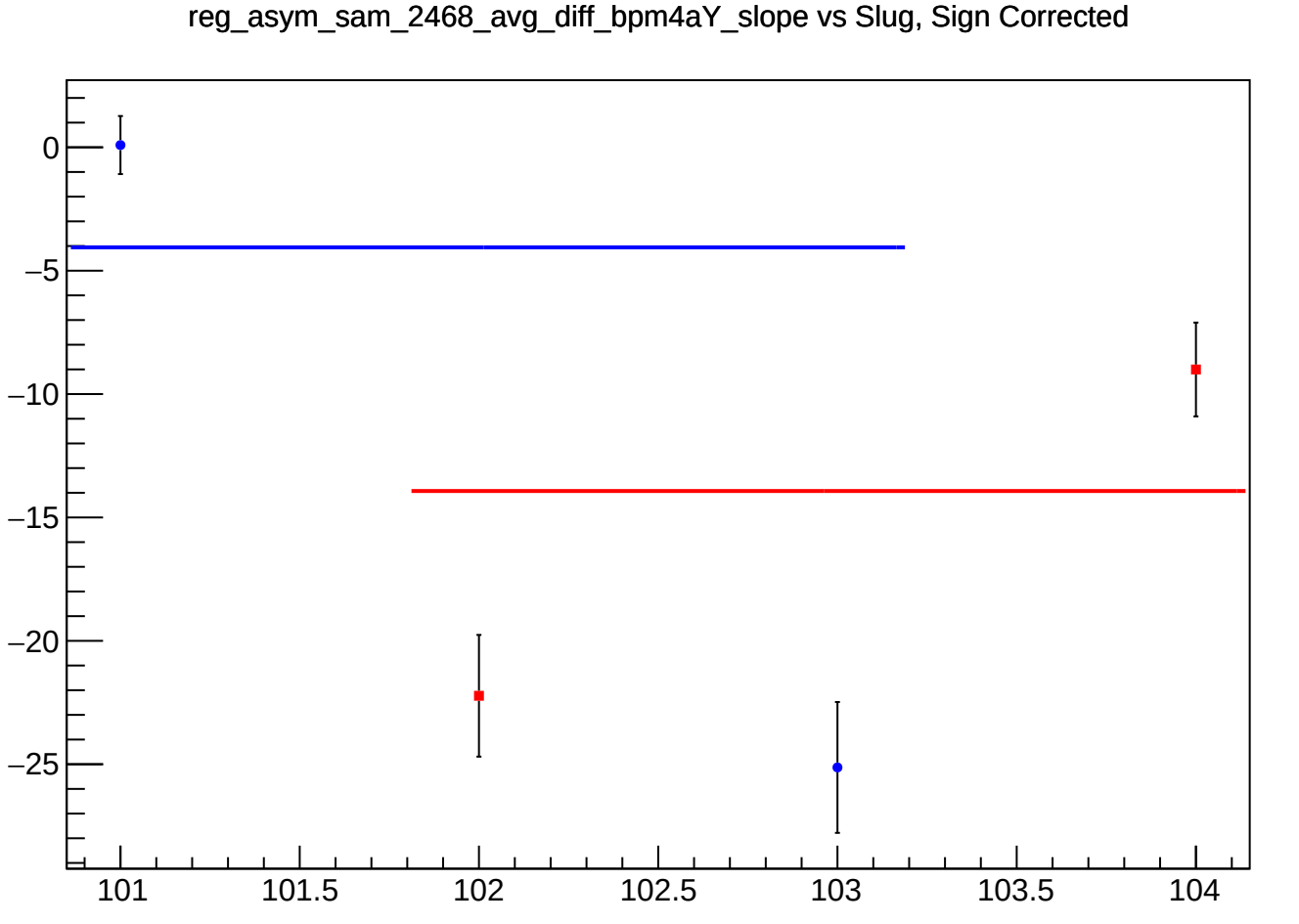
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -69.302+/-1.564 χ^2/NDF: 9.5/3

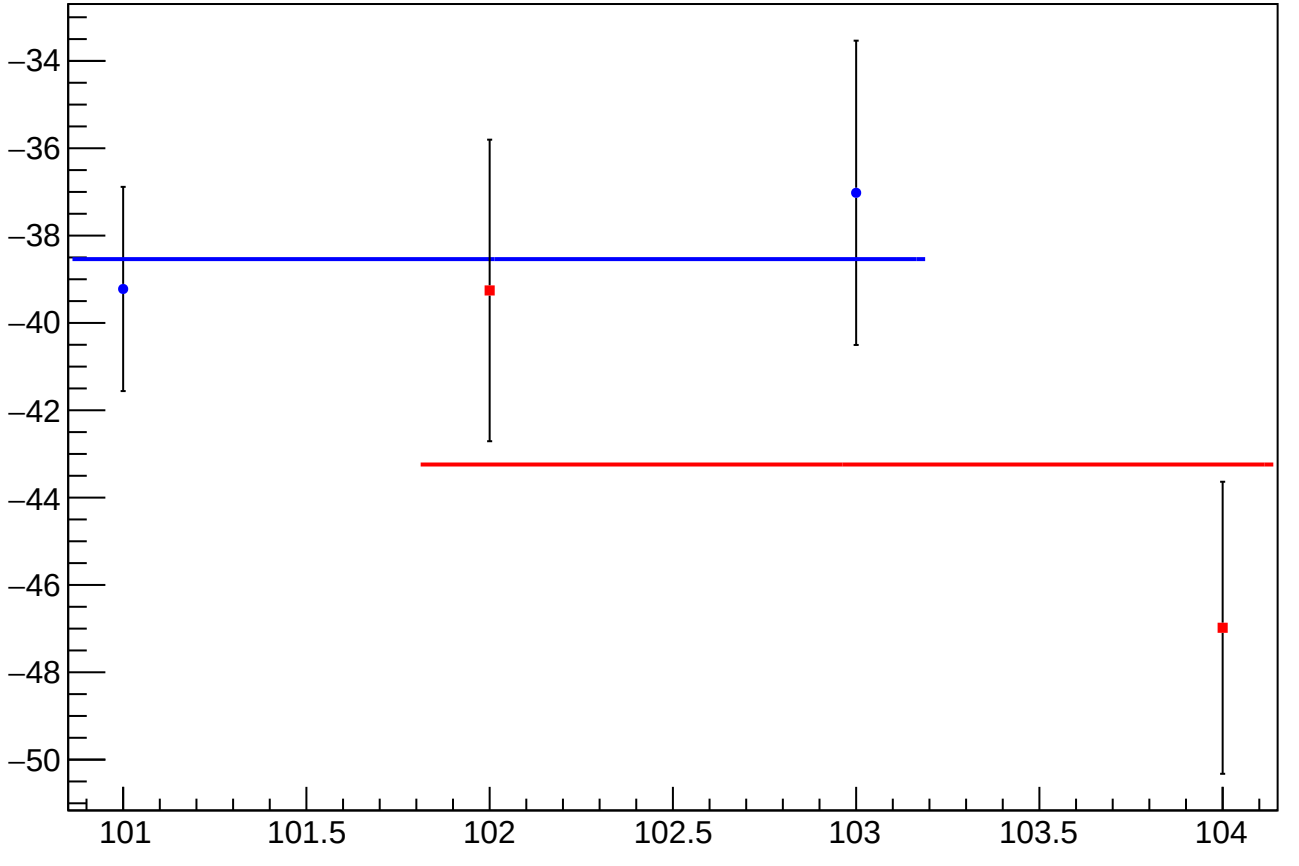
In: -72.541+/-2.013 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -69.302+/-1.564 χ^2/NDF: 9.5/3


reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
0
−5
−10
−15
−20
−25
101
101.5
102
102.5
103
103.5
104
Right In: -4.056+/-1.075 χ²/NDF: 75.6/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -13.928+/-1.505 χ²/NDF: 18.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -7.391+/-0.875 χ²/NDF: 122.1/3
In: -4.056+/-1.075 χ²/NDF:75.6/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -7.391+/-0.875 χ²/NDF: 122.1/3

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.538+/-1.942 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -43.242+/-2.402 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

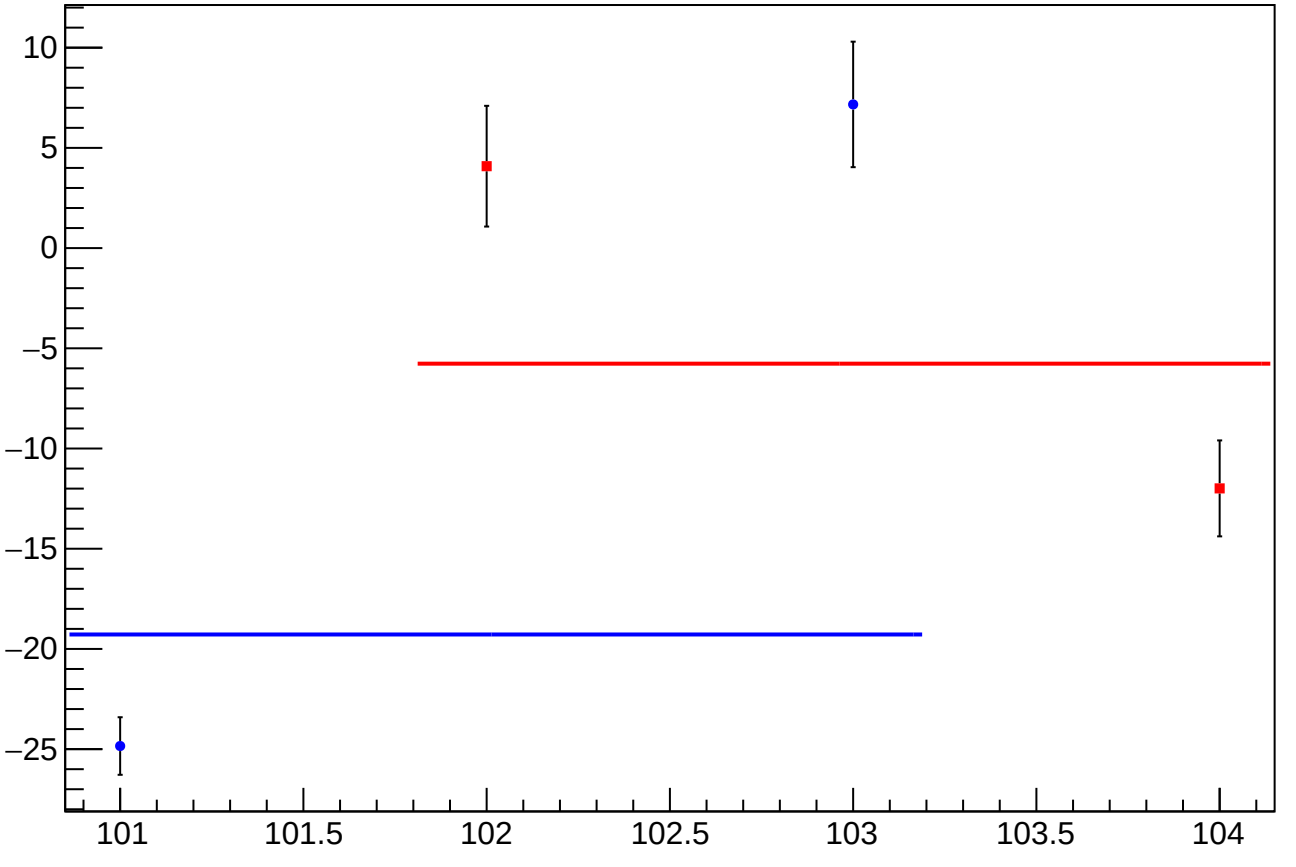
Right: -40.397+/-1.510 χ^2/NDF: 5.2/3

In: -38.538+/-1.942 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -40.397+/-1.510 χ^2/NDF: 5.2/3

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.279+/-1.305 χ^2/NDF: 86.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.766+/-1.874 χ^2/NDF: 17.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

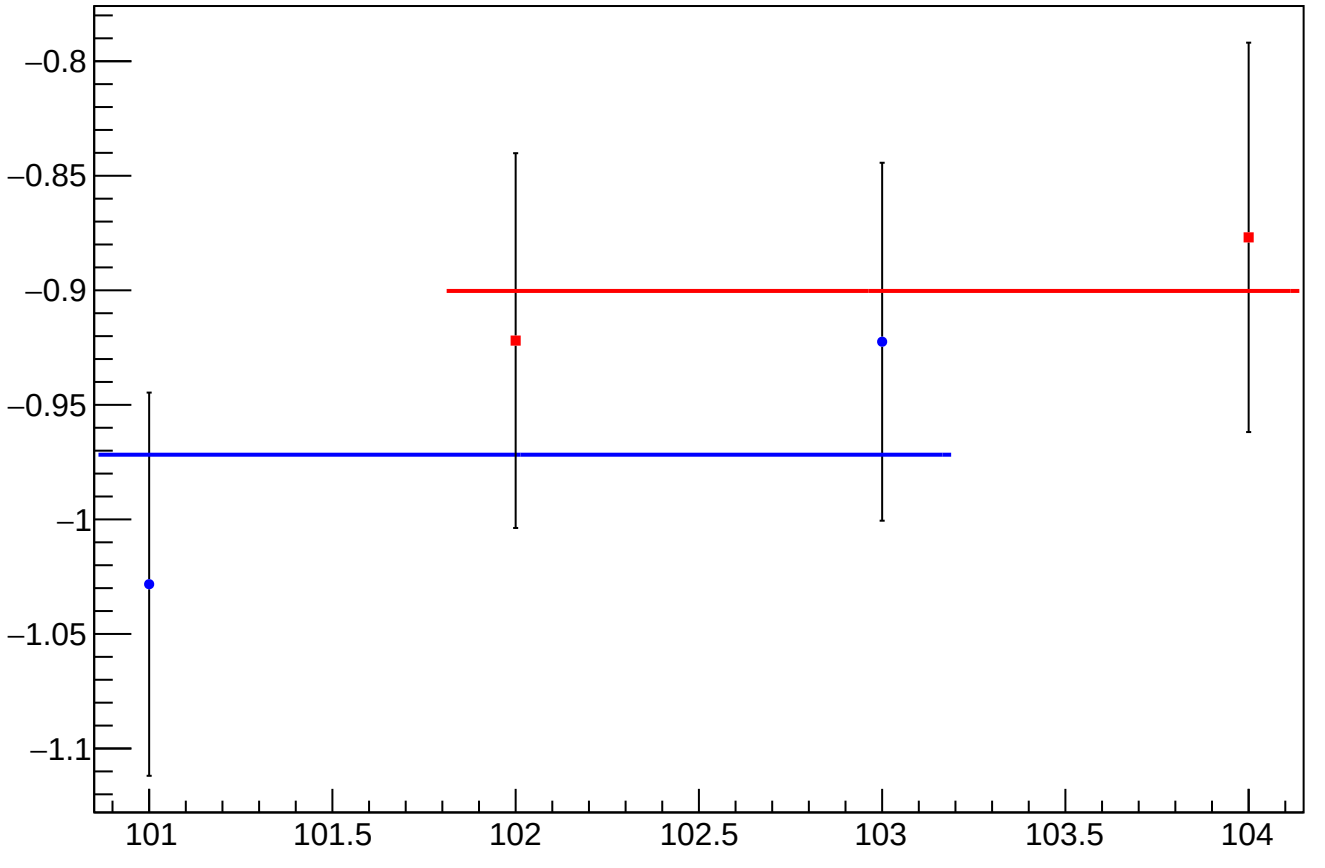
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.864+/-1.071 χ^2/NDF: 138.8/3

In: -19.279+/-1.305 χ^2/NDF:86.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.864+/-1.071 χ^2/NDF: 138.8/3



Right In: -0.972+/-0.057 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.900+/-0.059 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

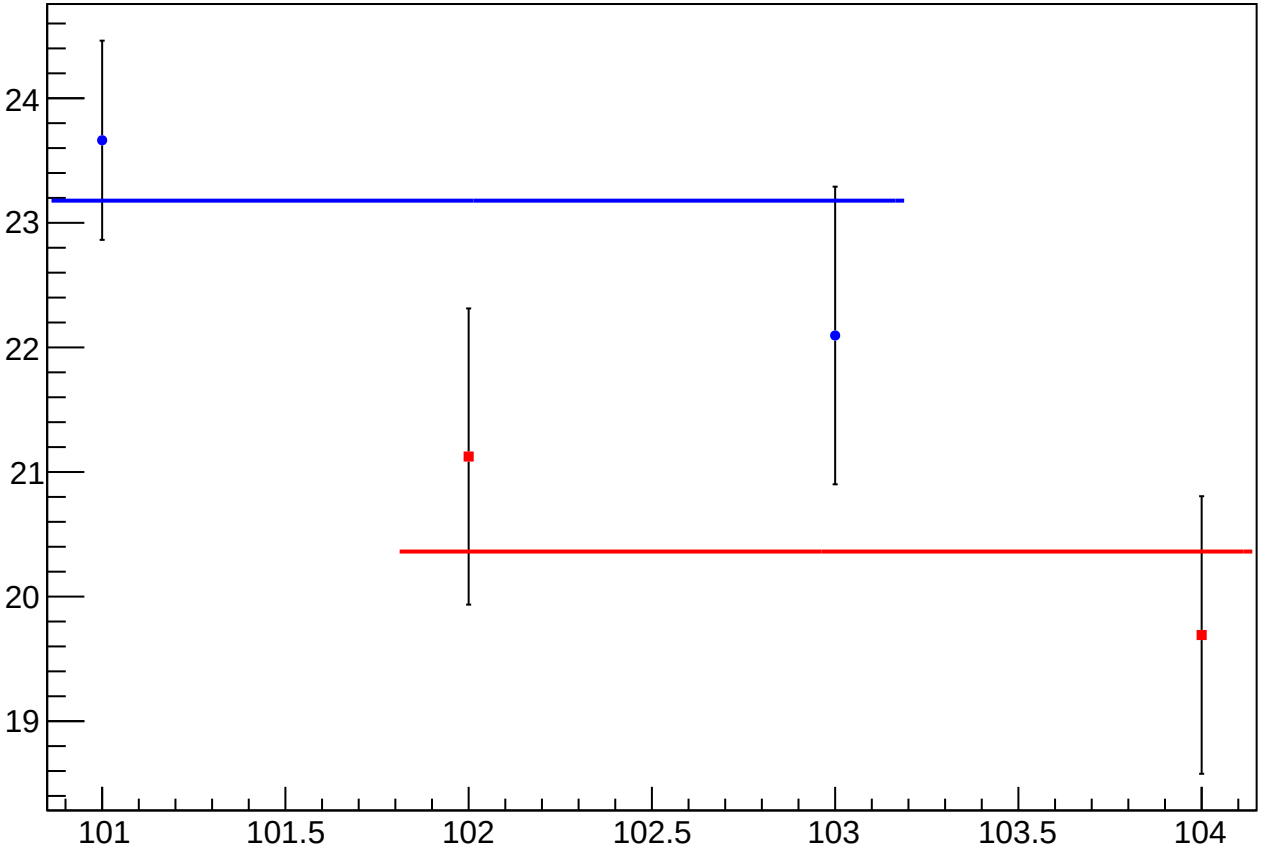
Right: -0.937+/-0.041 χ^2/NDF: 1.8/3

In: -0.972+/-0.057 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.937+/-0.041 χ^2/NDF: 1.8/3

reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 23.178+/-0.664 χ^2/NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.362+/-0.813 χ^2/NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

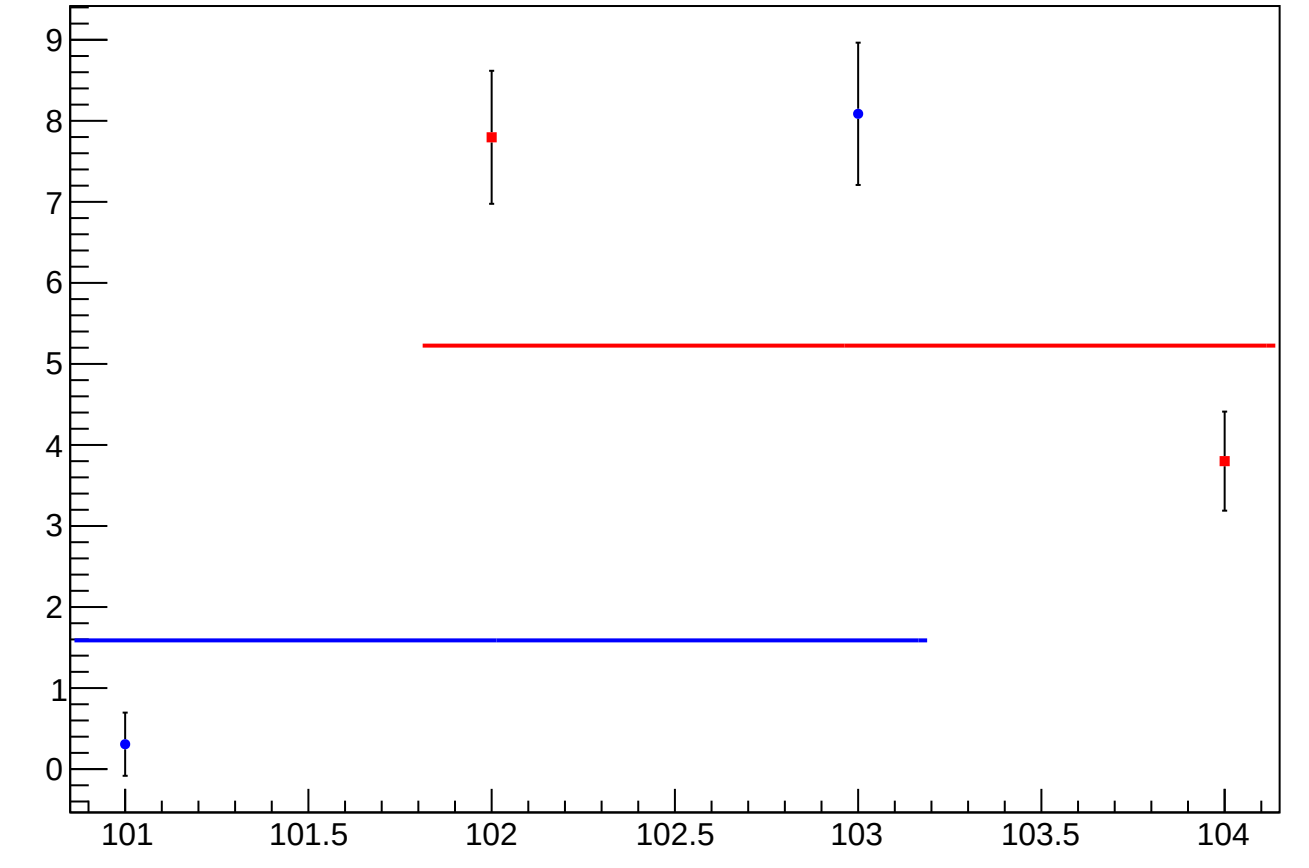
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 22.050+/-0.514 χ^2/NDF: 9.2/3

In: 23.178+/-0.664 χ^2/NDF:1.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 22.050+/-0.514 χ^2/NDF: 9.2/3



Right In: 1.588+/-0.356 χ^2/NDF: 65.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 5.226+/-0.490 χ^2/NDF: 15.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

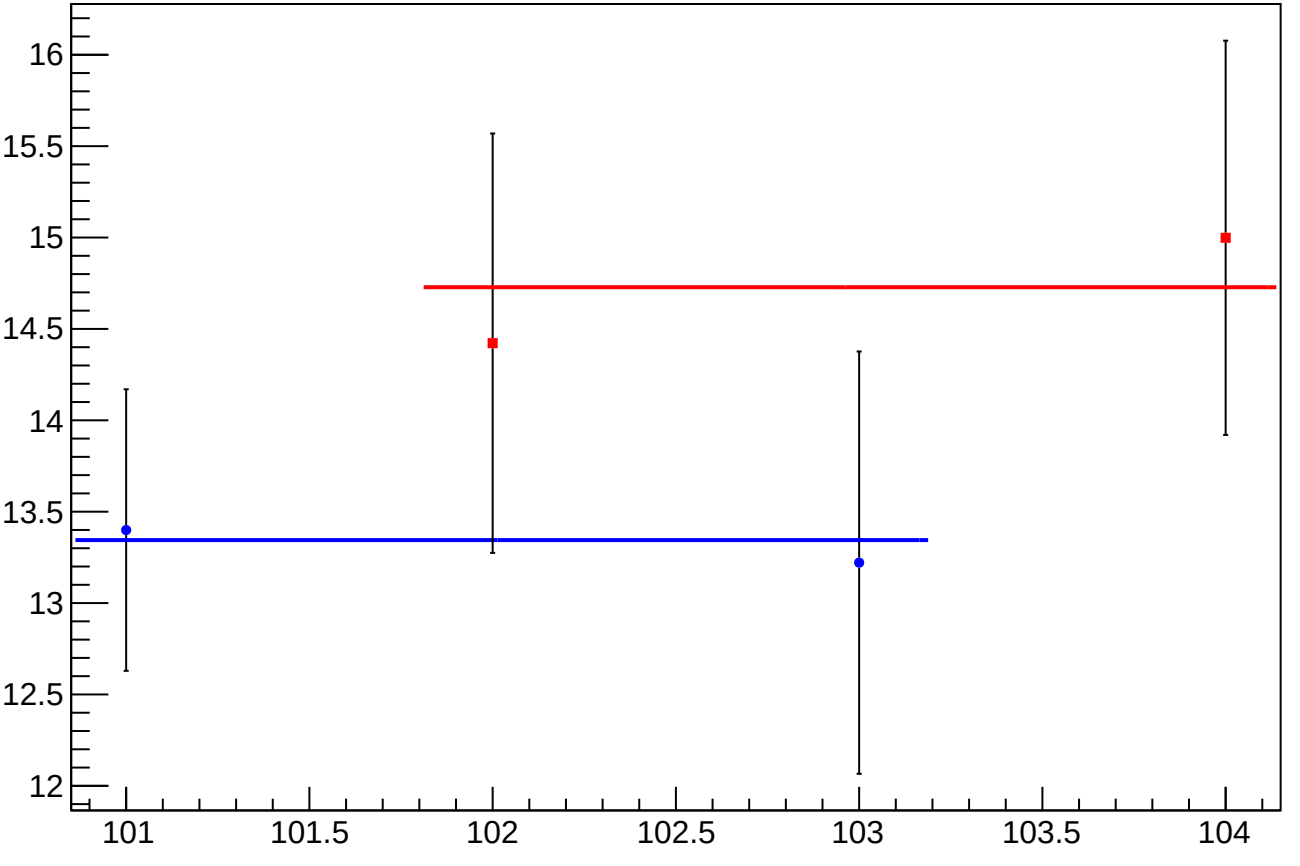
Right: 2.846+/-0.288 χ^2/NDF: 116.9/3

In: 1.588+/-0.356 χ^2/NDF:65.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.846+/-0.288 χ^2/NDF: 116.9/3

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.345+/-0.641 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.728+/-0.786 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

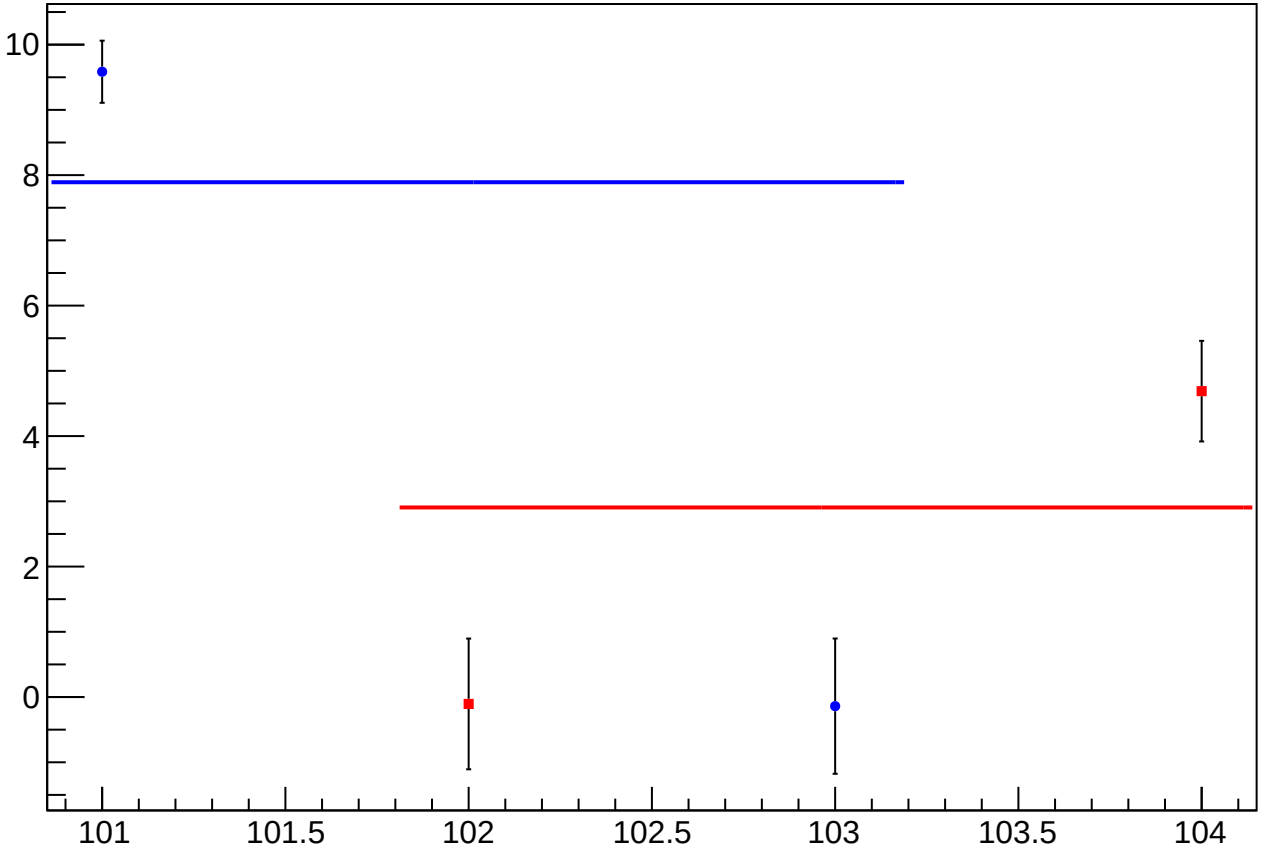
Right: 13.897+/-0.497 χ^2/NDF: 2.0/3

In: 13.345+/-0.641 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 13.897+/-0.497 χ^2/NDF: 2.0/3

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.891+/-0.433 χ^2/NDF: 72.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 2.906+/-0.611 χ^2/NDF: 14.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

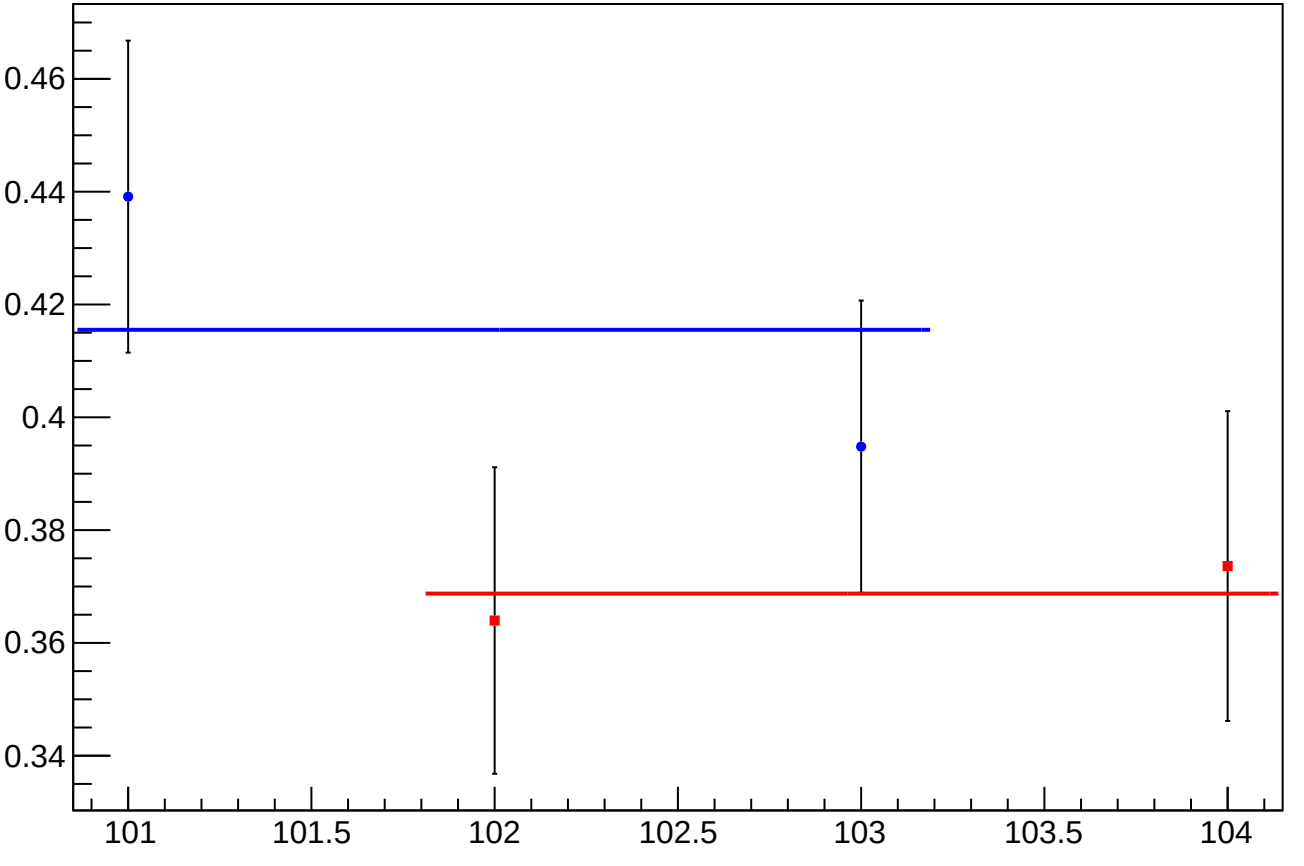
Right: 6.226+/-0.353 χ^2/NDF: 131.4/3

In: 7.891+/-0.433 χ^2/NDF:72.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 6.226+/-0.353 χ^2/NDF: 131.4/3

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.416+/-0.019 χ^2/NDF: 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.369+/-0.019 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

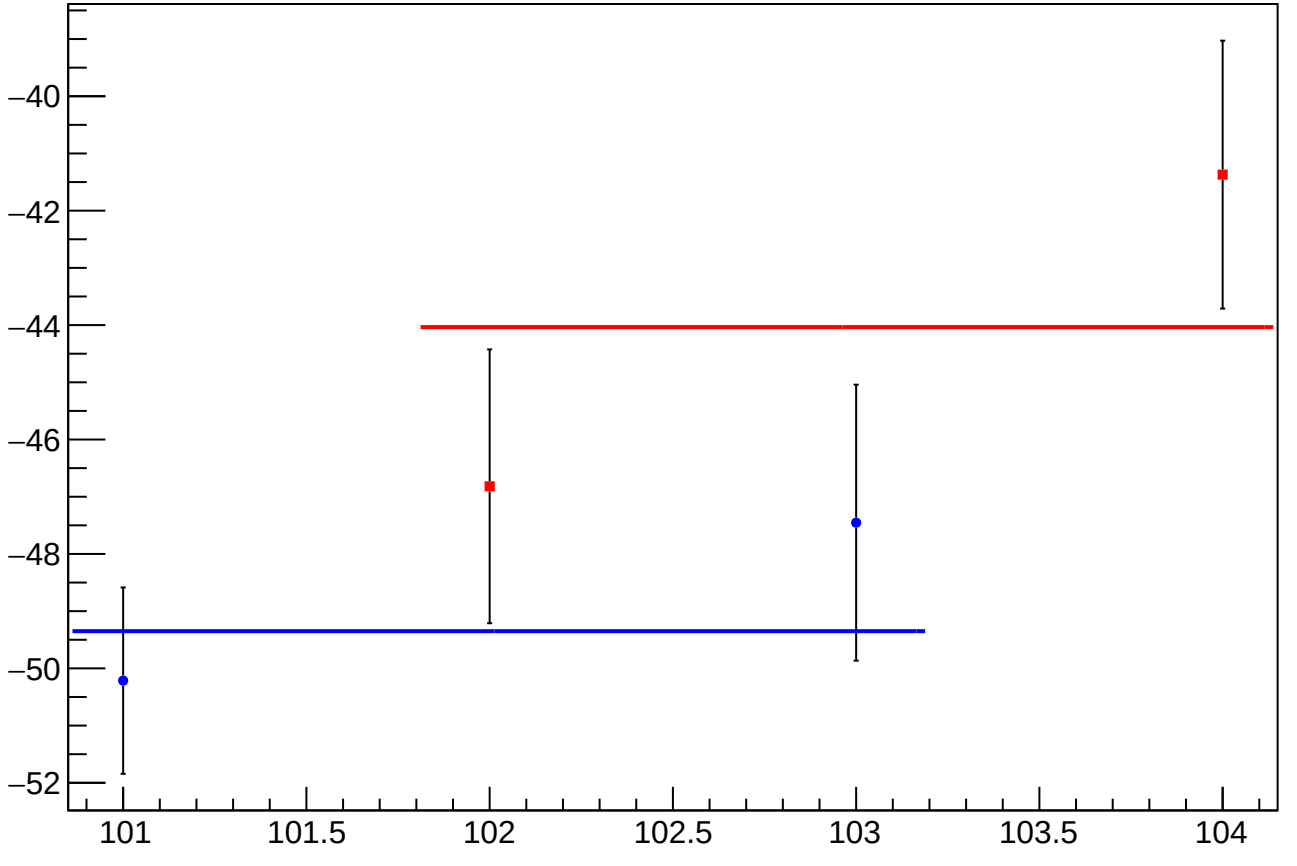
Right: 0.393+/-0.014 χ^2/NDF: 4.4/3

In: 0.416+/-0.019 χ^2/NDF:1.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.393+/-0.014 χ^2/NDF: 4.4/3

reg_asym_sam_12345678_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -49.350+/-1.350 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -44.035+/-1.674 χ^2/NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

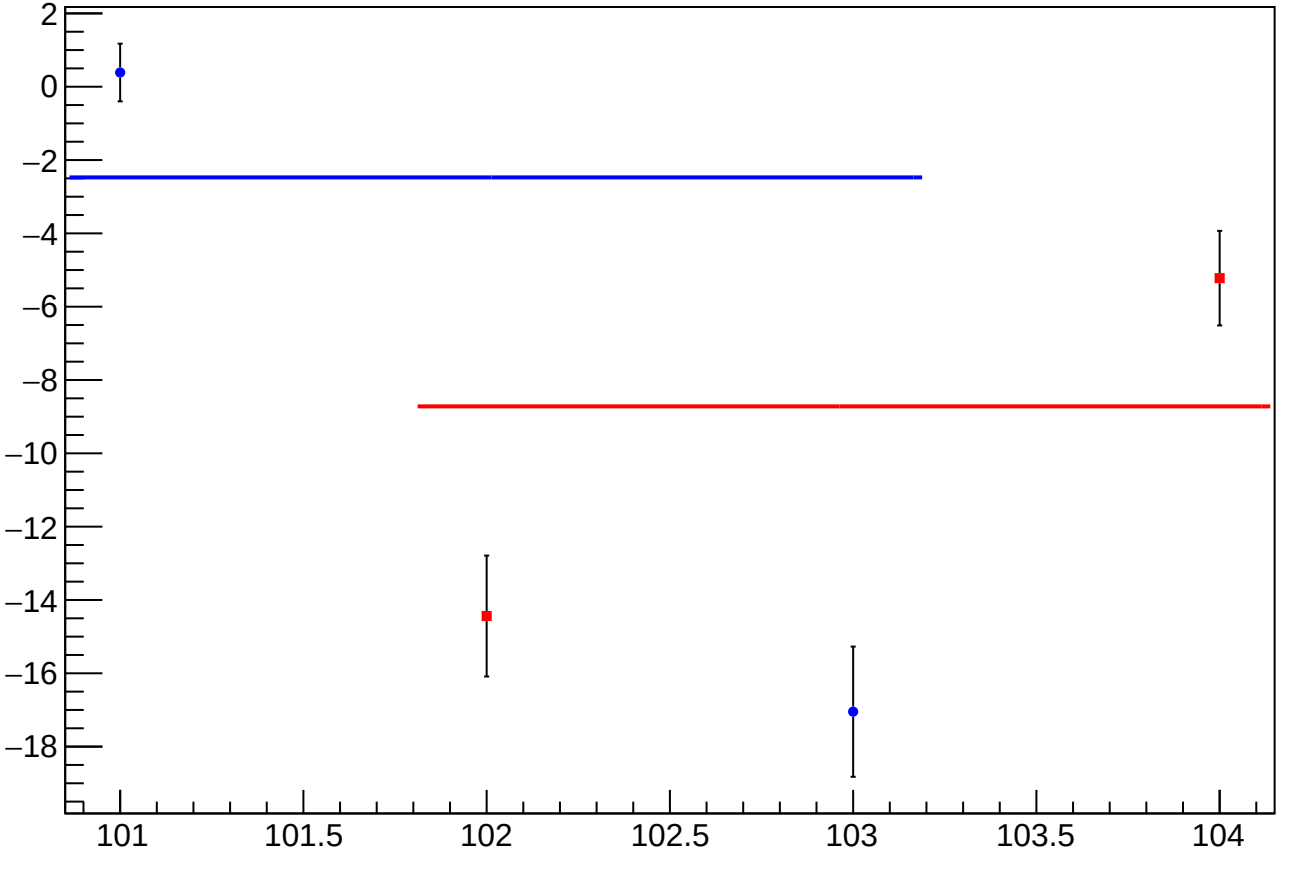
Right: -47.255+/-1.051 χ^2/NDF: 9.7/3

In: -49.350+/-1.350 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -47.255+/-1.051 χ^2/NDF: 9.7/3

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.473+/-0.720 χ^2/NDF: 80.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.719+/-1.016 χ^2/NDF: 19.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

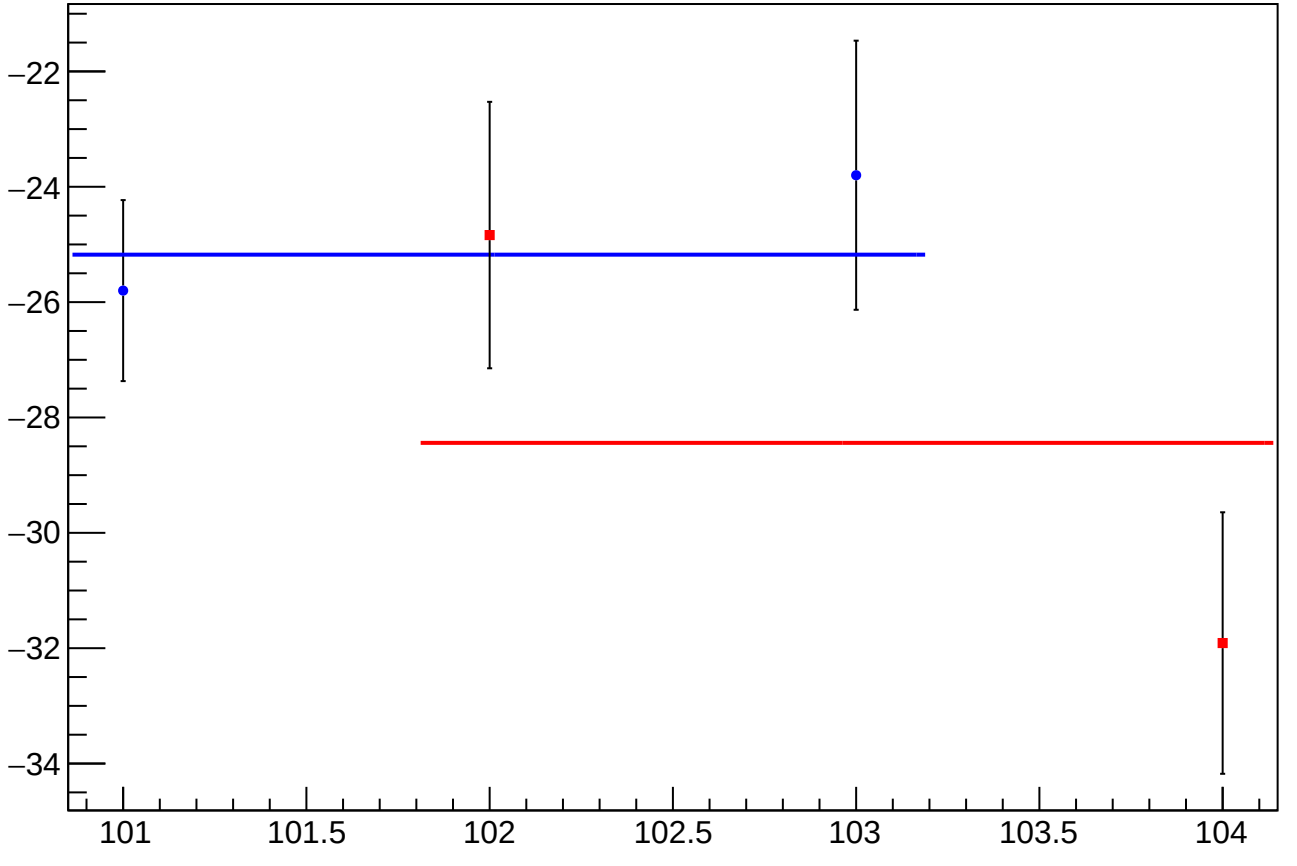
Right: -4.560+/-0.587 χ^2/NDF: 125.1/3

In: -2.473+/-0.720 χ^2/NDF:80.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.560+/-0.587 χ^2/NDF: 125.1/3

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.177+/-1.302 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -28.440+/-1.618 χ^2/NDF: 4.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

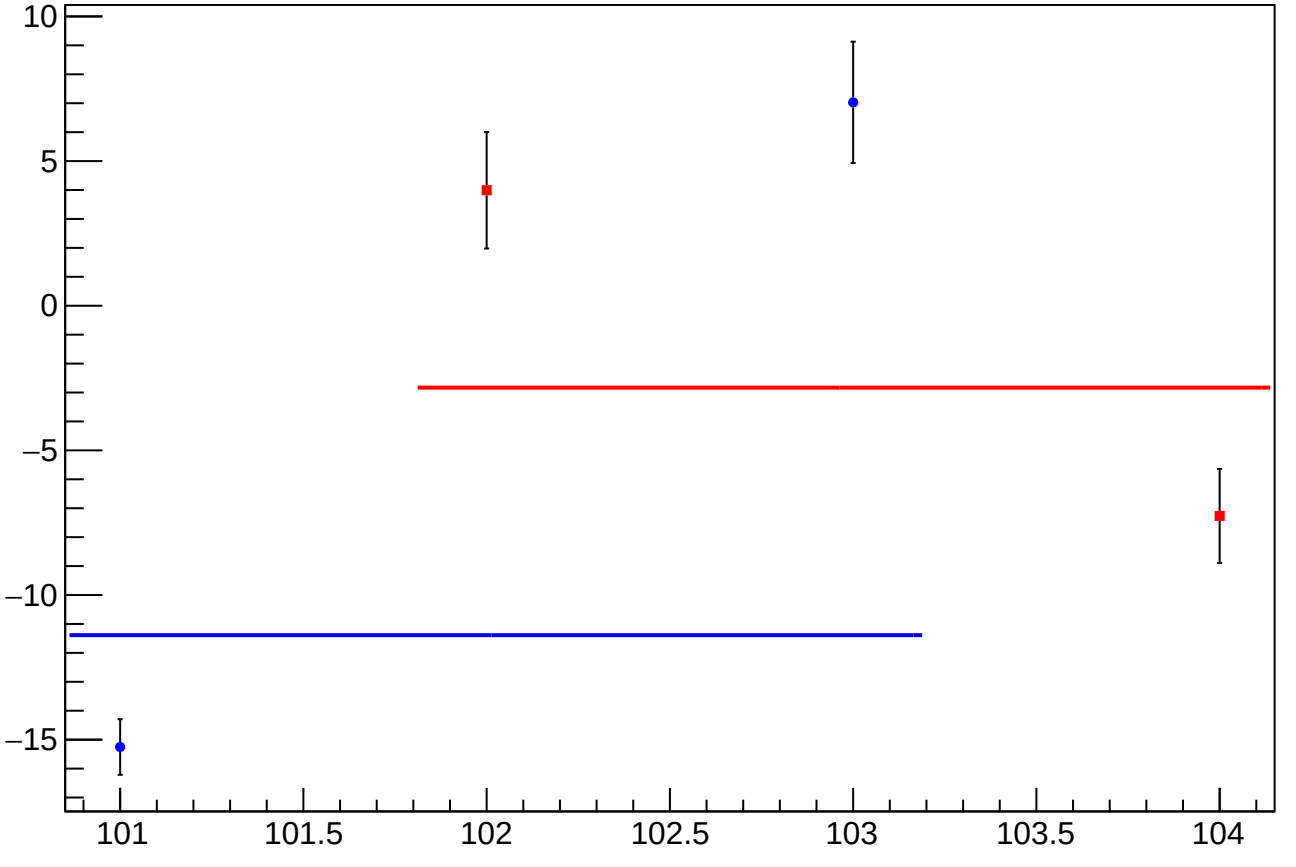
Right: -26.460+/-1.014 χ^2/NDF: 7.8/3

In: -25.177+/-1.302 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.460+/-1.014 χ^2/NDF: 7.8/3

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.388+/-0.874 χ^2/NDF: 93.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.831+/-1.264 χ^2/NDF: 18.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

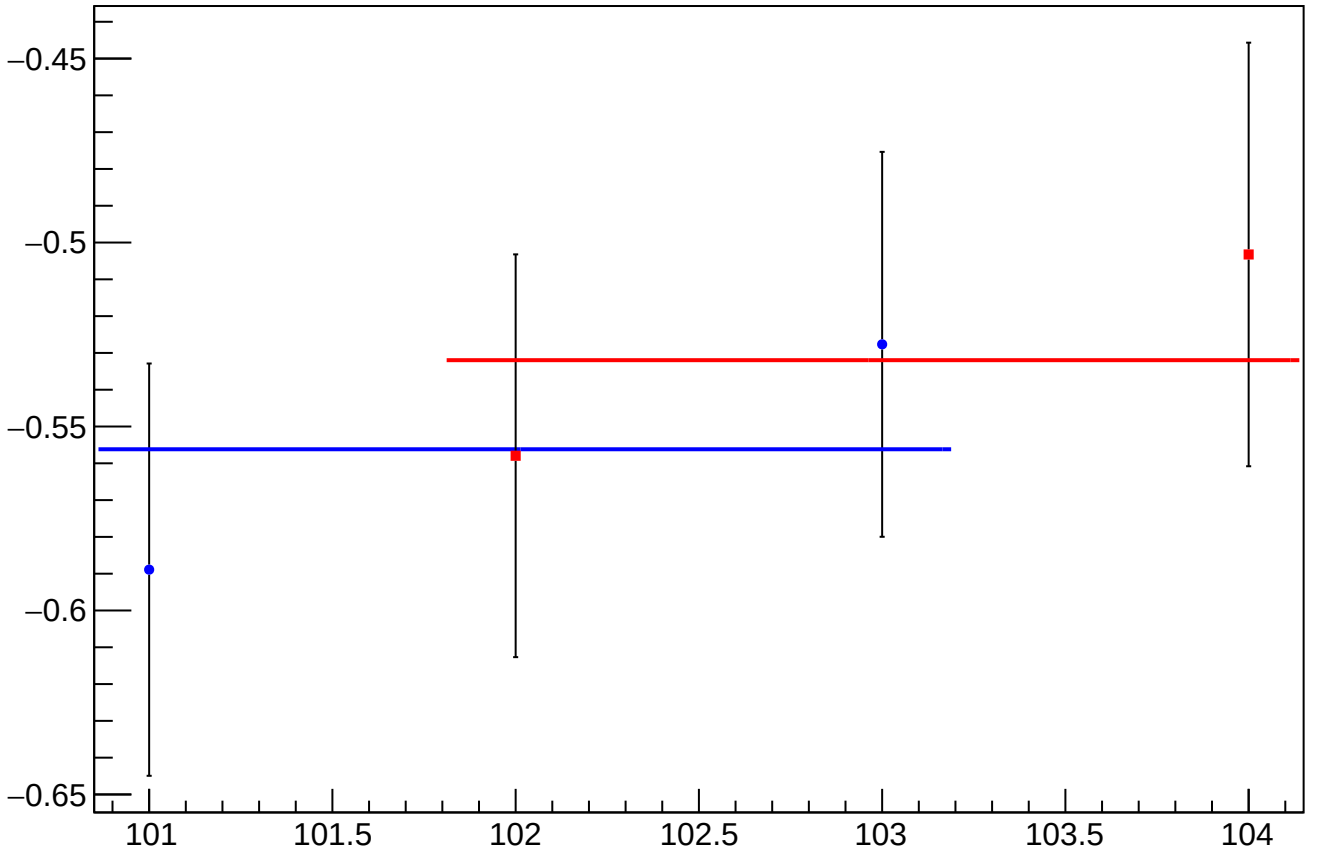
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.621+/-0.719 χ^2/NDF: 143.2/3

In: -11.388+/-0.874 χ^2/NDF:93.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.621+/-0.719 χ^2/NDF: 143.2/3



Right In: -0.556+/-0.038 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.532+/-0.040 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

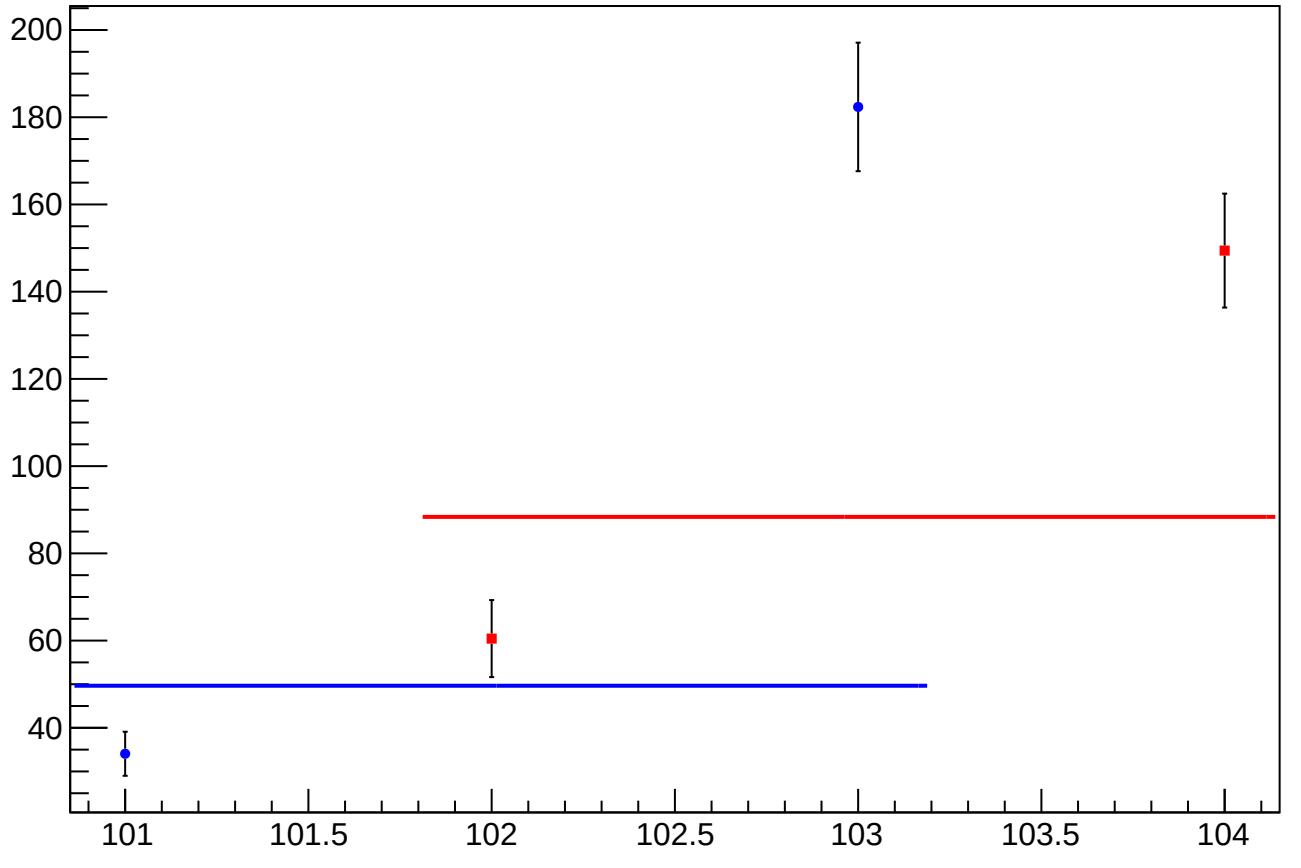
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.545+/-0.028 χ^2/NDF: 1.3/3

In: -0.556+/-0.038 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.545+/-0.028 χ^2/NDF: 1.3/3



Right In: 49.650+/-4.778 χ^2/NDF: 90.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 88.367+/-7.317 χ^2/NDF: 31.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

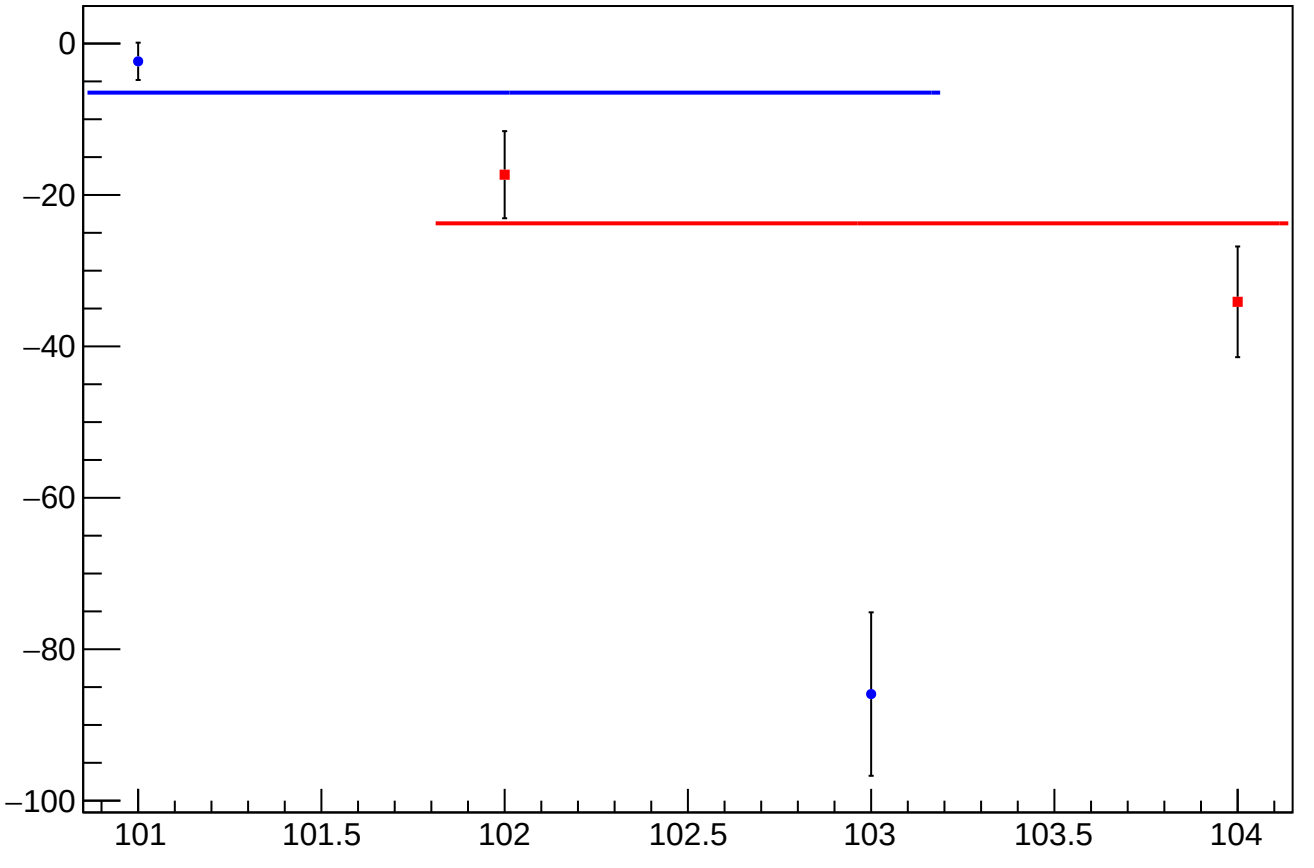
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 61.225+/-4.001 χ^2/NDF: 142.1/3

In: 49.650+/-4.778 χ^2/NDF:90.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 61.225+/-4.001 χ^2/NDF: 142.1/3



Right In: -6.484+/-2.402 χ^2/NDF: 57.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -23.746+/-4.521 χ^2/NDF: 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

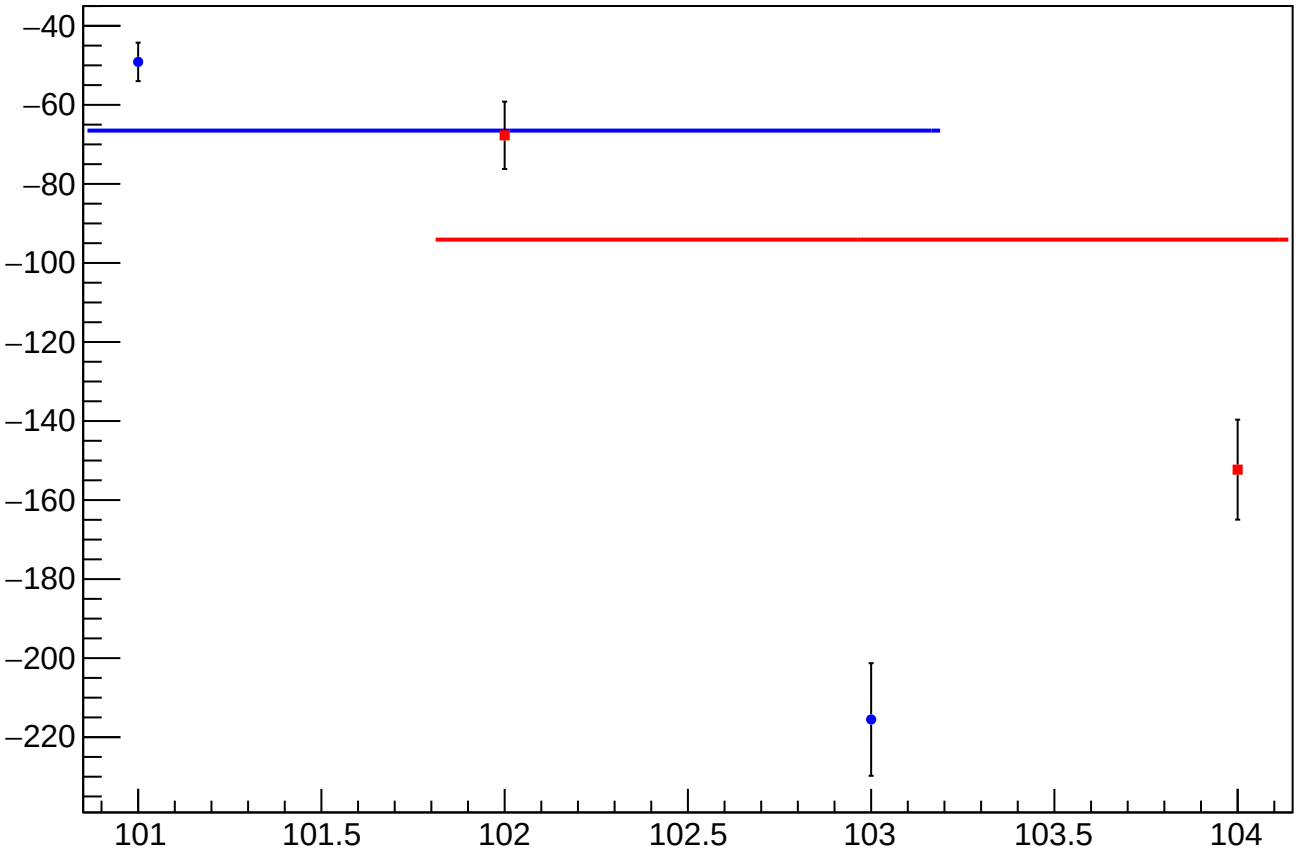
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -10.282+/-2.121 χ^2/NDF: 71.6/3

In: -6.484+/-2.402 χ^2/NDF:57.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10.282+/-2.121 χ^2/NDF: 71.6/3



Right In: -66.508+/-4.605 χ^2/NDF: 122.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -94.093+/-7.064 χ^2/NDF: 30.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

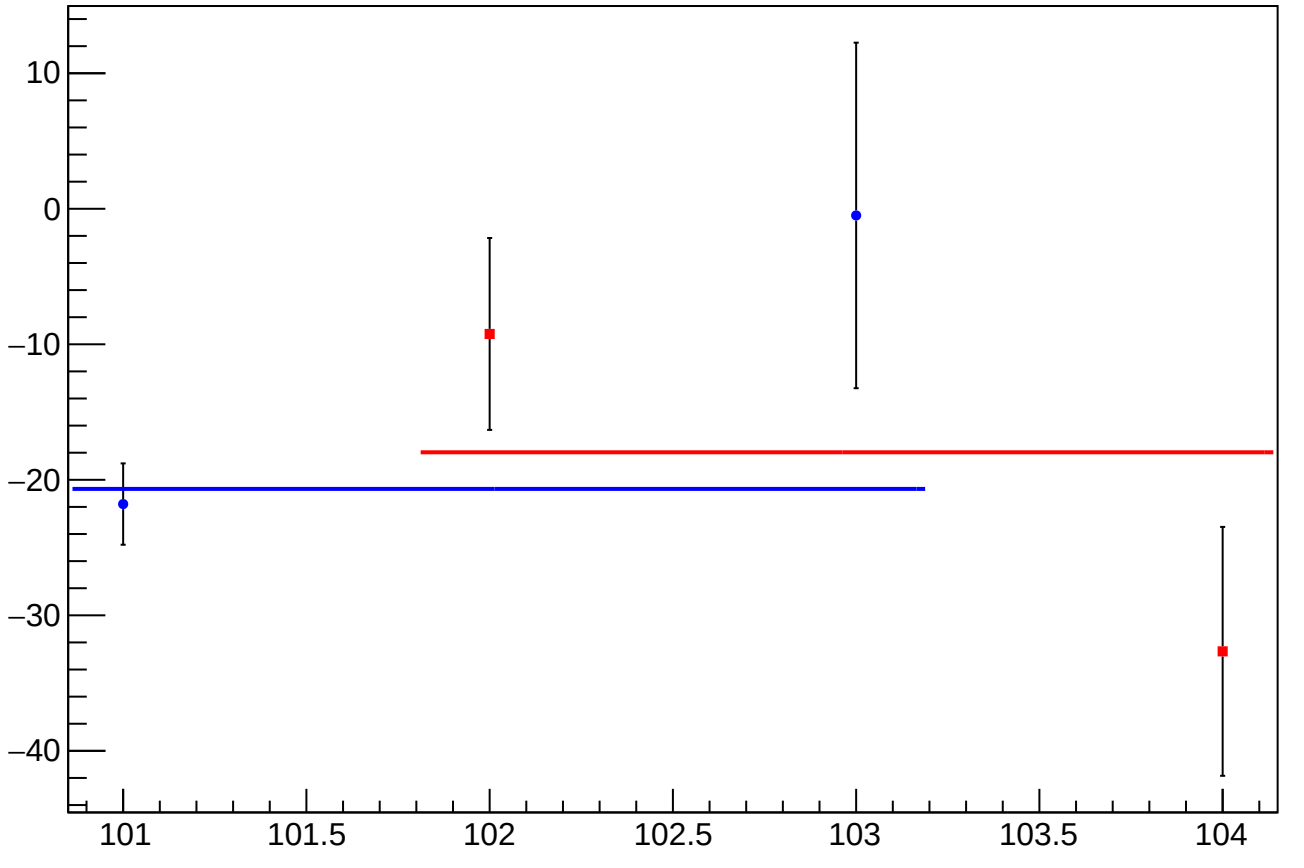
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -74.735+/-3.858 χ^2/NDF: 163.6/3

In: -66.508+/-4.605 χ^2/NDF:122.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -74.735+/-3.858 χ^2/NDF: 163.6/3



Right In: -20.671+/-2.921 χ^2/NDF: 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -17.969+/-5.607 χ^2/NDF: 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

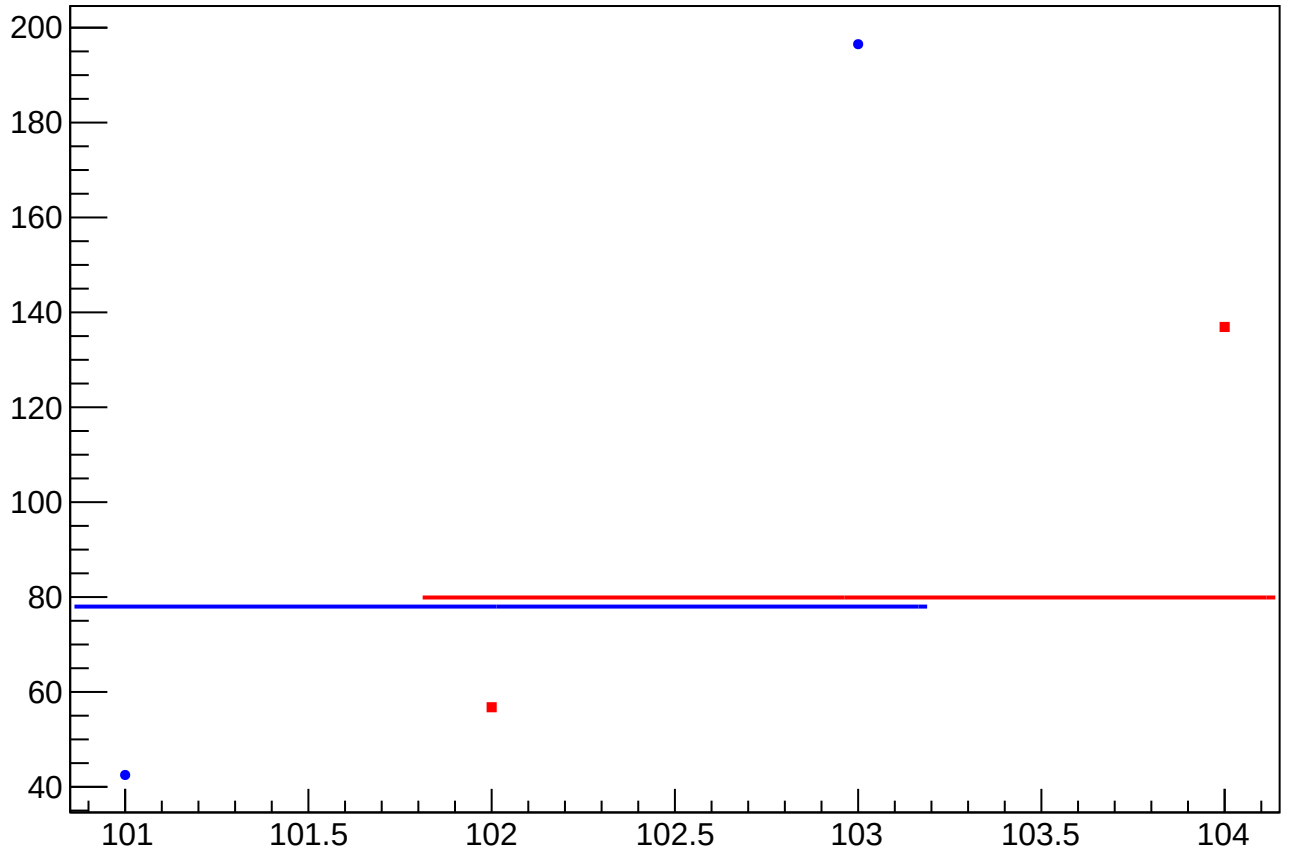
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -20.094+/-2.591 χ^2/NDF: 6.9/3

In: -20.671+/-2.921 χ^2/NDF:2.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -20.094+/-2.591 χ^2/NDF: 6.9/3



Right In: 77.993+/-0.153 χ^2/NDF: 178765.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 79.908+/-0.173 χ^2/NDF: 44016.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

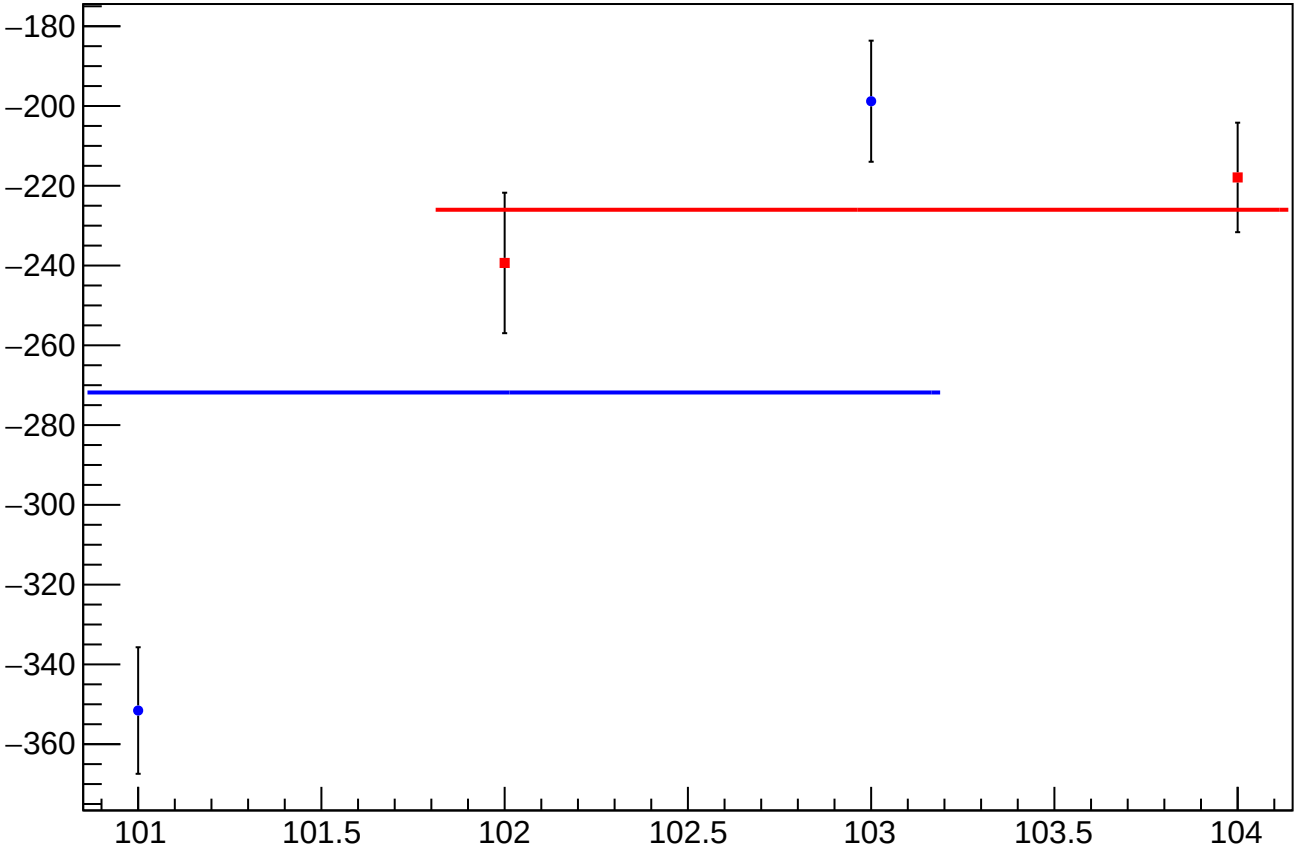
Right: 78.836+/-0.115 χ^2/NDF: 222850.2/3

In: 77.993+/-0.153 χ^2/NDF:178765.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 78.836+/-0.115 χ^2/NDF: 222850.2/3

reg_asym_atl2_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -271.826+/-10.968 χ^2/NDF: 48.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -226.015+/-10.826 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

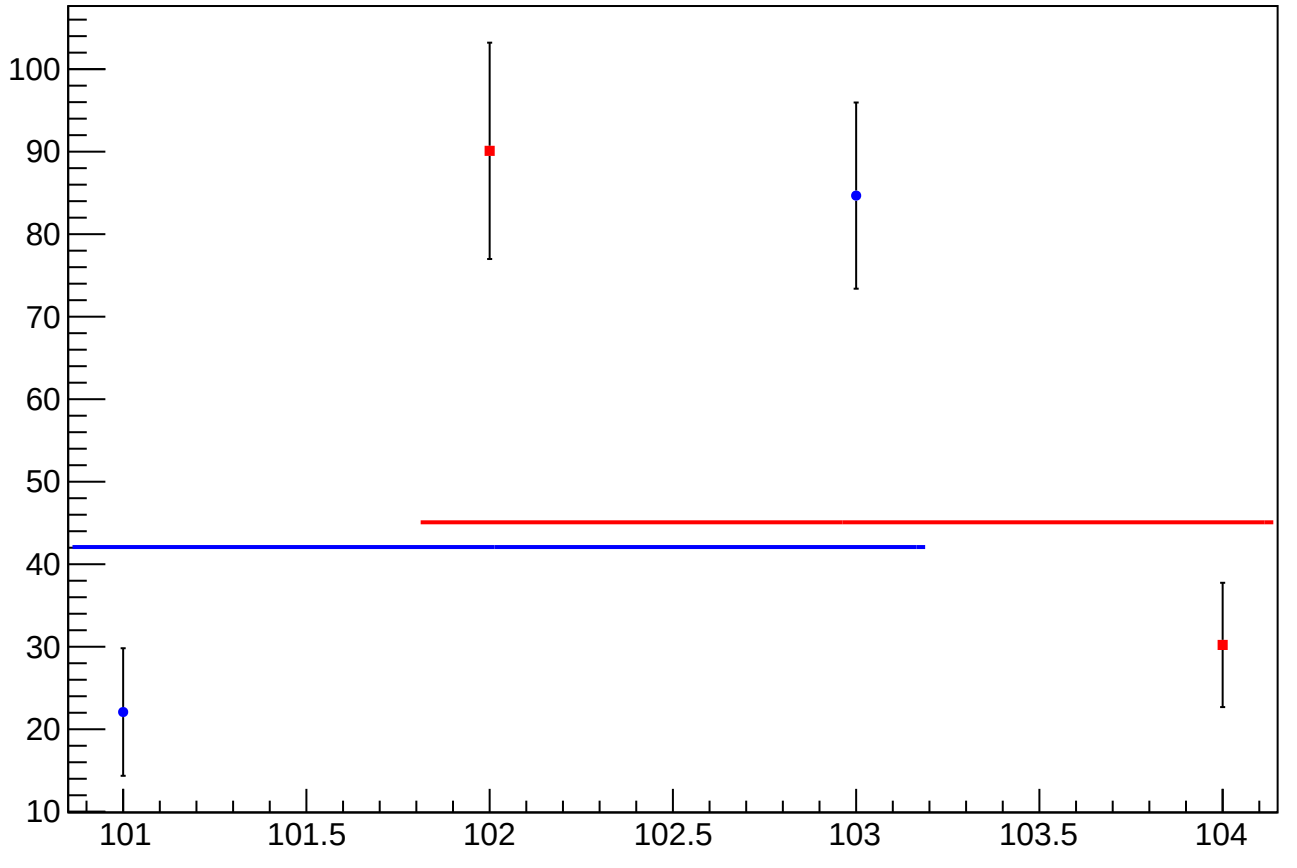
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -248.622+/-7.705 χ^2/NDF: 58.2/3

In: -271.826+/-10.968 χ^2/NDF:48.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -248.622+/-7.705 χ^2/NDF: 58.2/3



Right In: 42.083+/-6.377 χ^2/NDF: 20.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 45.081+/-6.531 χ^2/NDF: 15.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

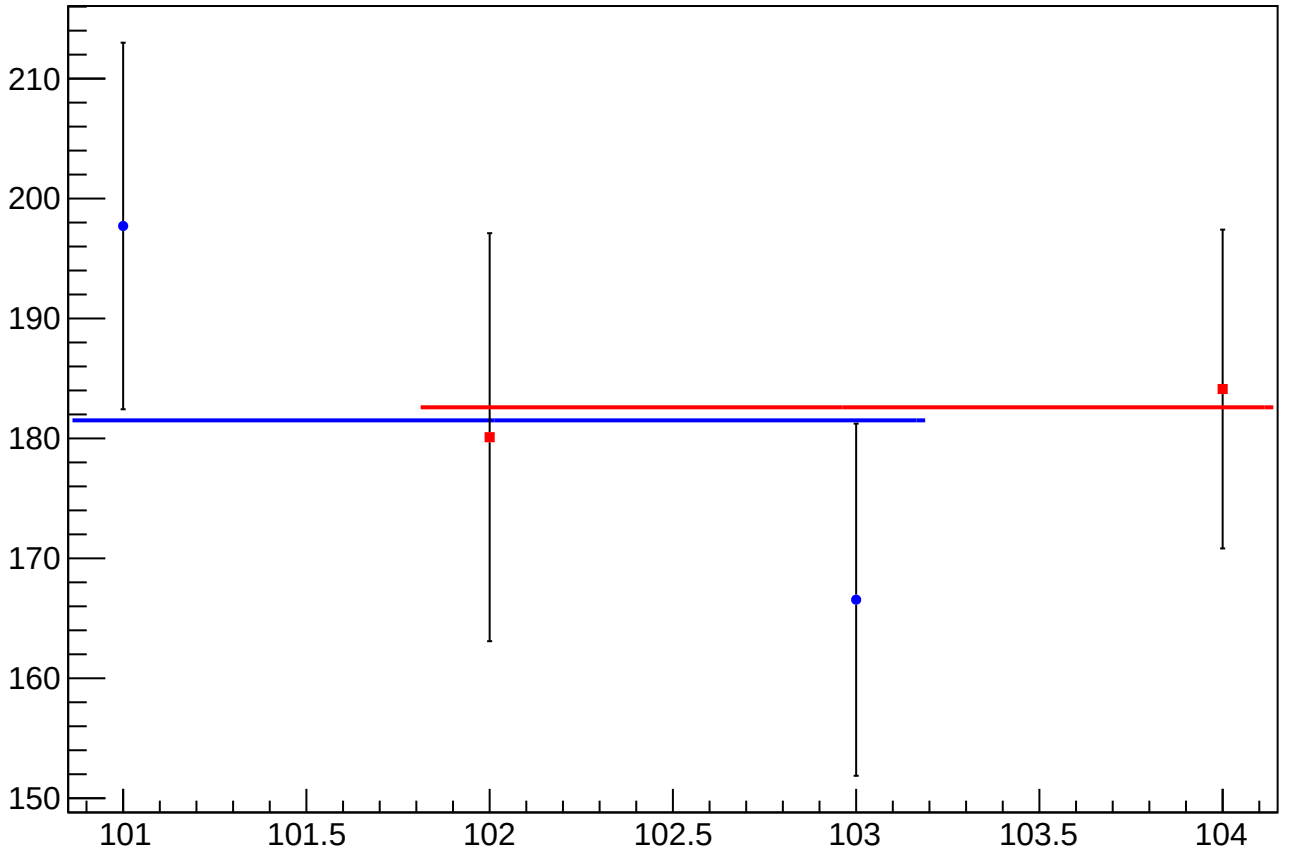
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 43.546+/-4.563 χ^2/NDF: 36.7/3

In: 42.083+/-6.377 χ^2/NDF:20.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 43.546+/-4.563 χ^2/NDF: 36.7/3



Right In: 181.507+/-10.588 χ^2/NDF: 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 182.595+/-10.473 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

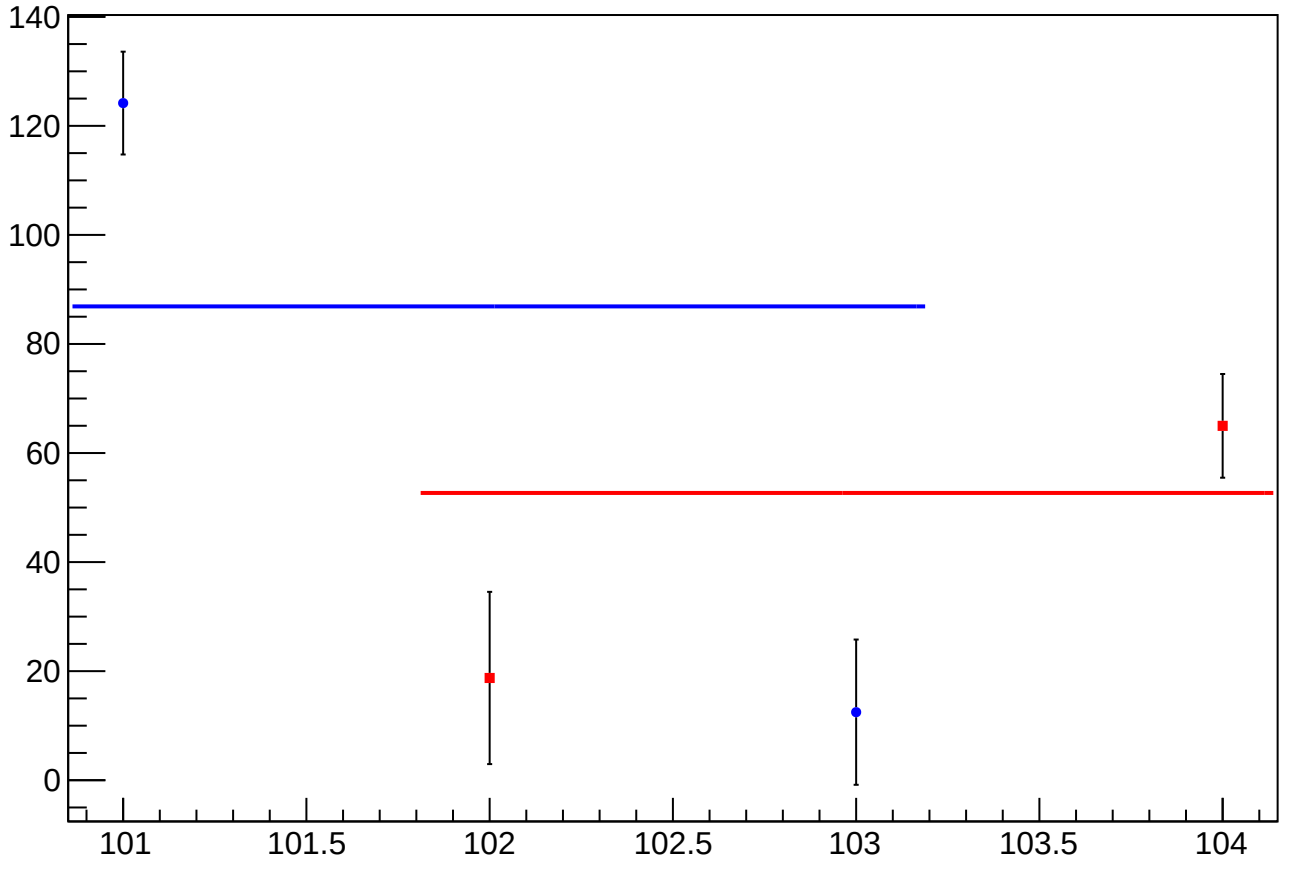
Right: 182.057+/-7.446 χ^2/NDF: 2.2/3

In: 181.507+/-10.588 χ^2/NDF:2.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 182.057+/-7.446 χ^2/NDF: 2.2/3

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 86.889+/-7.696 χ^2/NDF: 46.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 52.680+/-8.147 χ^2/NDF: 6.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

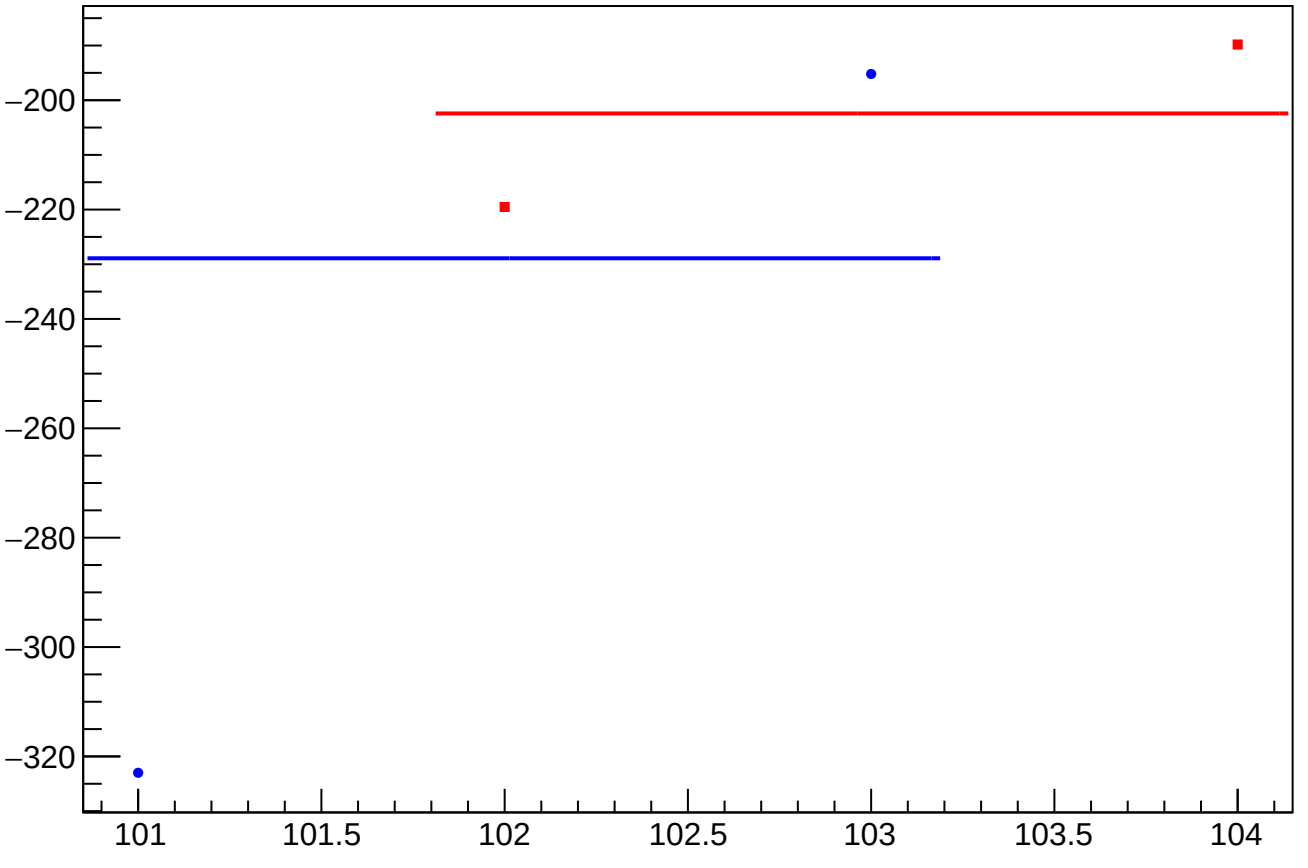
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 70.759+/-5.594 χ^2/NDF: 62.5/3

In: 86.889+/-7.696 χ^2/NDF:46.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 70.759+/-5.594 χ^2/NDF: 62.5/3



Right In: -228.906+/-0.283 χ^2/NDF: 39641.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -202.421+/-0.258 χ^2/NDF: 3246.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

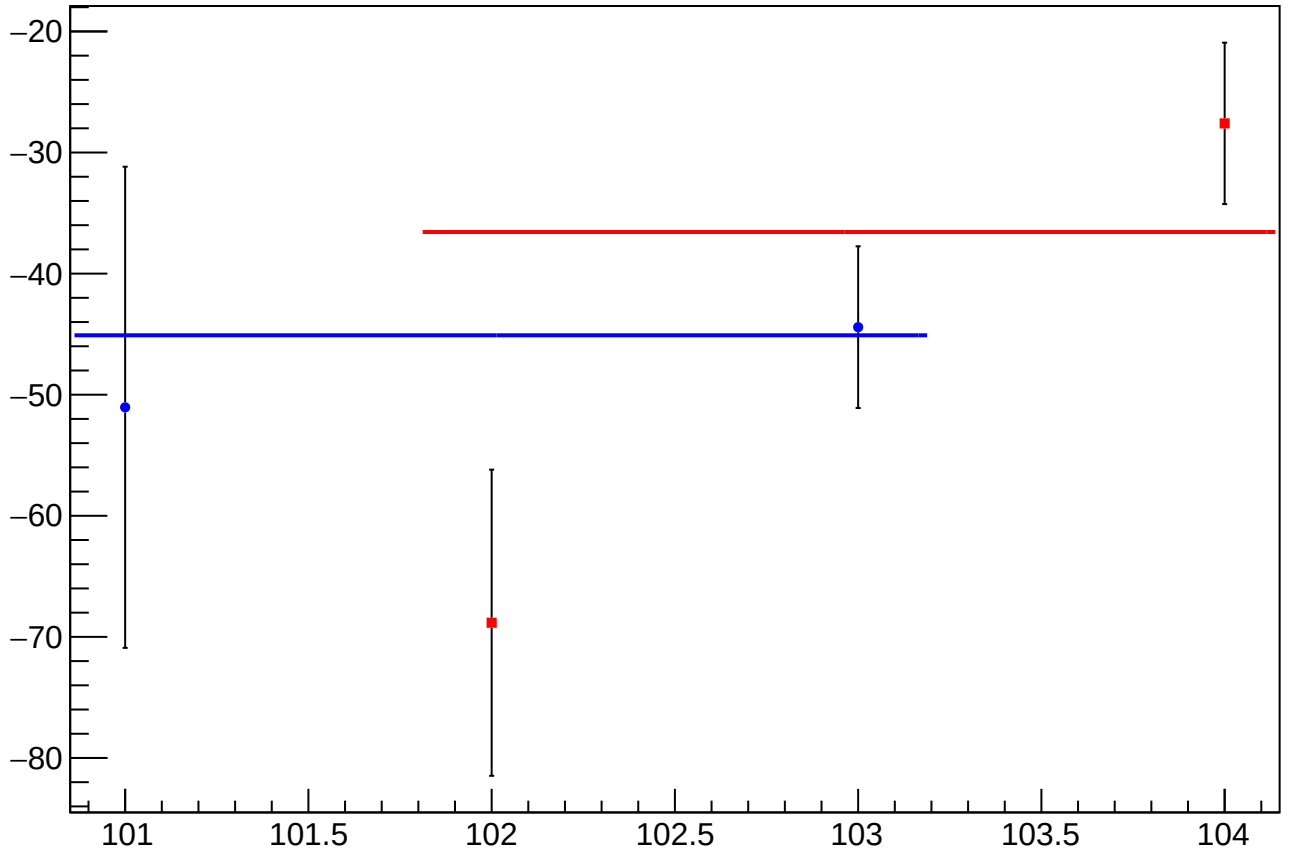
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -214.434+/-0.190 χ^2/NDF: 47679.8/3

In: -228.906+/-0.283 χ^2/NDF:39641.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -214.434+/-0.190 χ^2/NDF: 47679.8/3



Right In: -45.093+/-6.329 χ^2/NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -36.564+/-5.896 χ^2/NDF: 8.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

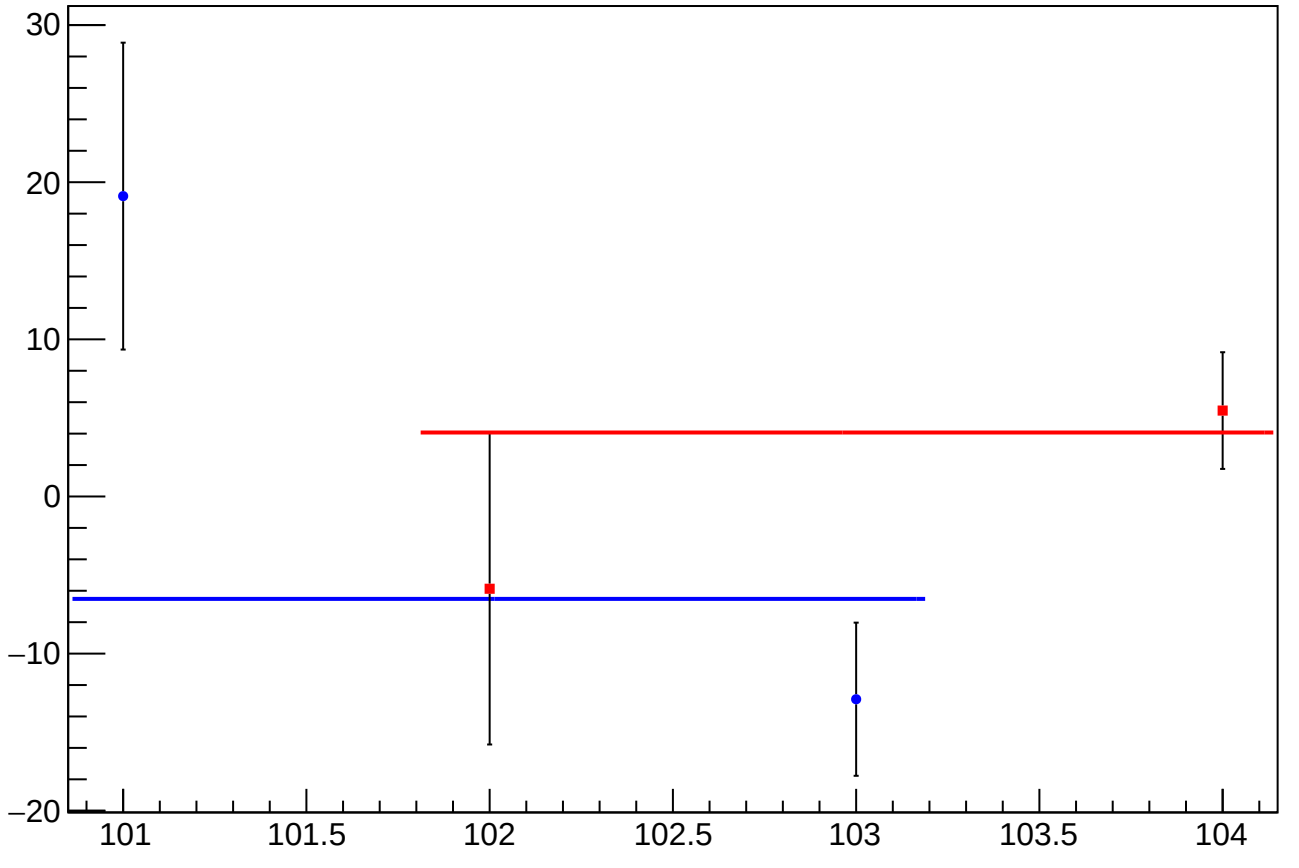
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -40.526+/-4.314 χ^2/NDF: 9.4/3

In: -45.093+/-6.329 χ^2/NDF:0.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -40.526+/-4.314 χ^2/NDF: 9.4/3



Right In: -6.517+/-4.361 χ^2/NDF: 8.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 4.071+/-3.477 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

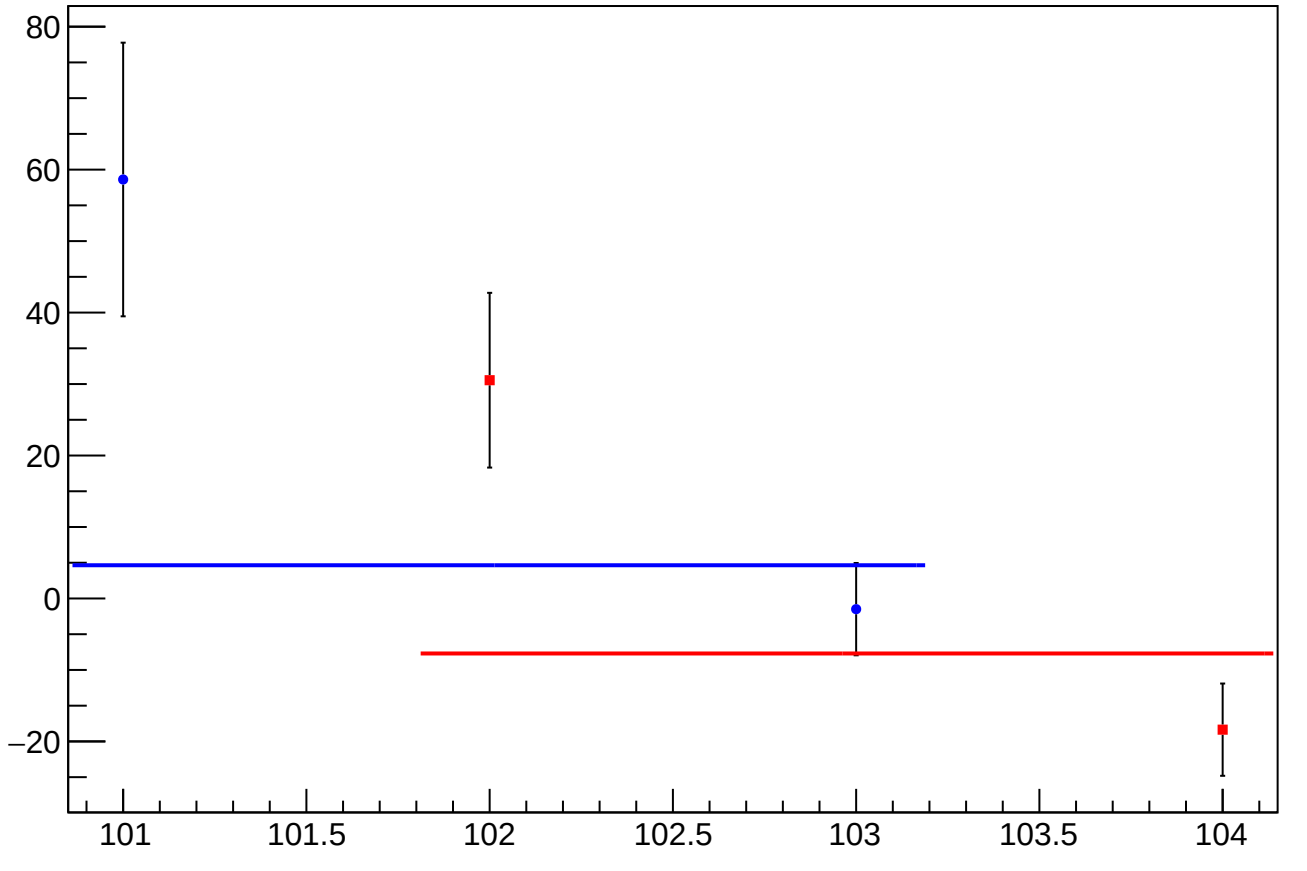
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -0.045+/-2.719 χ^2/NDF: 13.4/3

In: -6.517+/-4.361 χ^2/NDF:8.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -0.045+/-2.719 χ^2/NDF: 13.4/3



Right In: 4.649+/-6.119 χ^2/NDF: 8.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.696+/-5.708 χ^2/NDF: 12.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

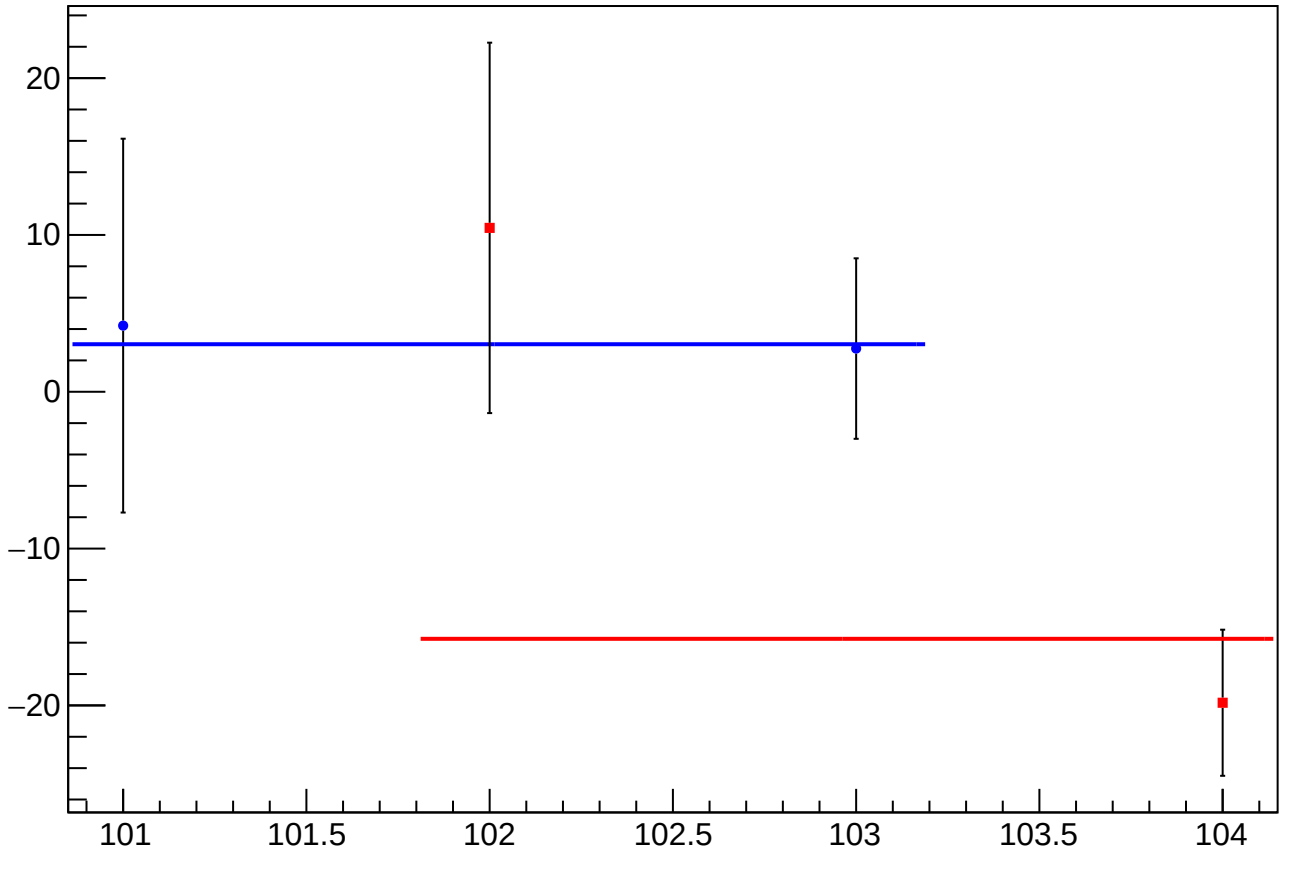
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.952+/-4.174 χ^2/NDF: 23.5/3

In: 4.649+/-6.119 χ^2/NDF:8.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.952+/-4.174 χ^2/NDF: 23.5/3



Right In: 3.031+/-5.182 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.753+/-4.333 χ^2/NDF: 5.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

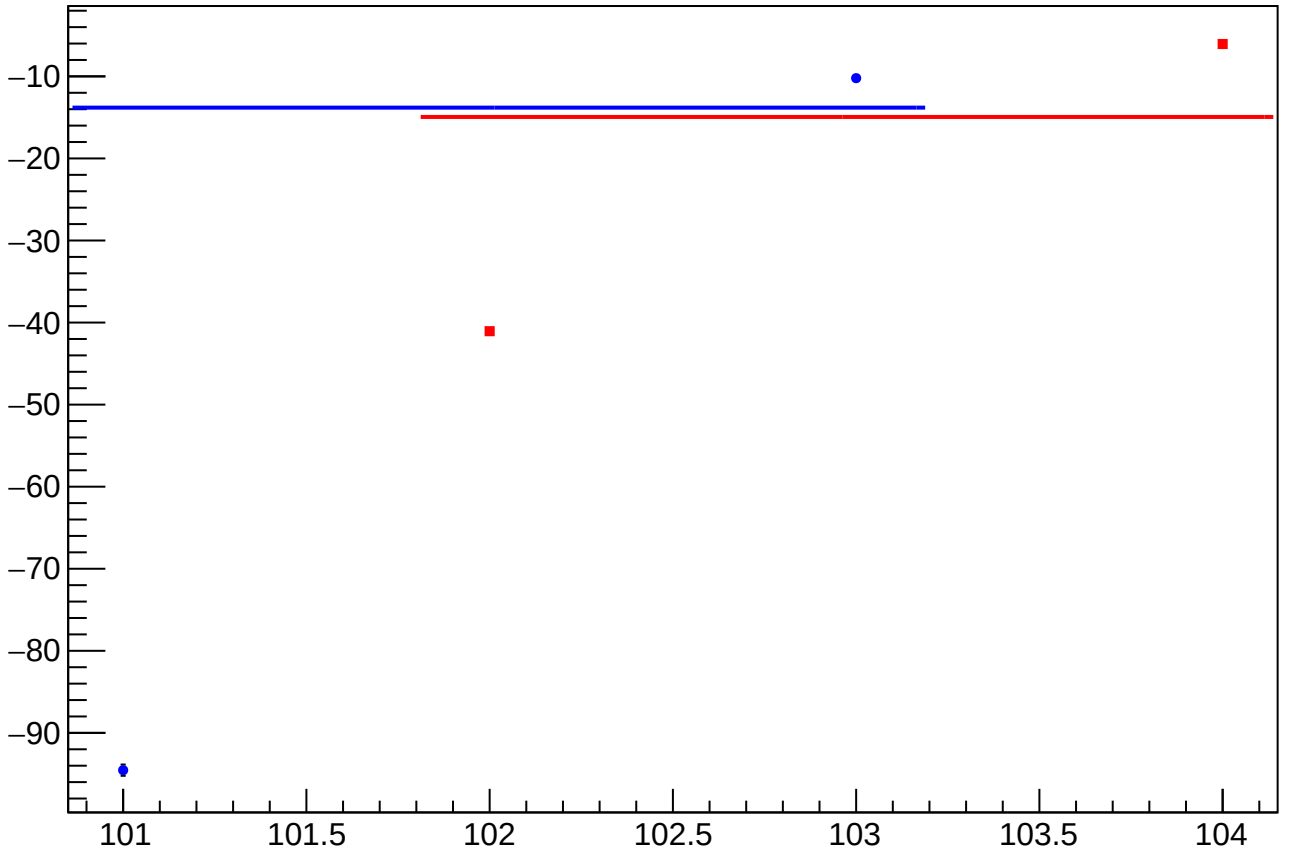
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.024+/-3.324 χ^2/NDF: 13.4/3

In: 3.031+/-5.182 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.024+/-3.324 χ^2/NDF: 13.4/3



Right In: -13.808+/-0.142 χ^2/NDF: 14446.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -14.946+/-0.141 χ^2/NDF: 11753.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

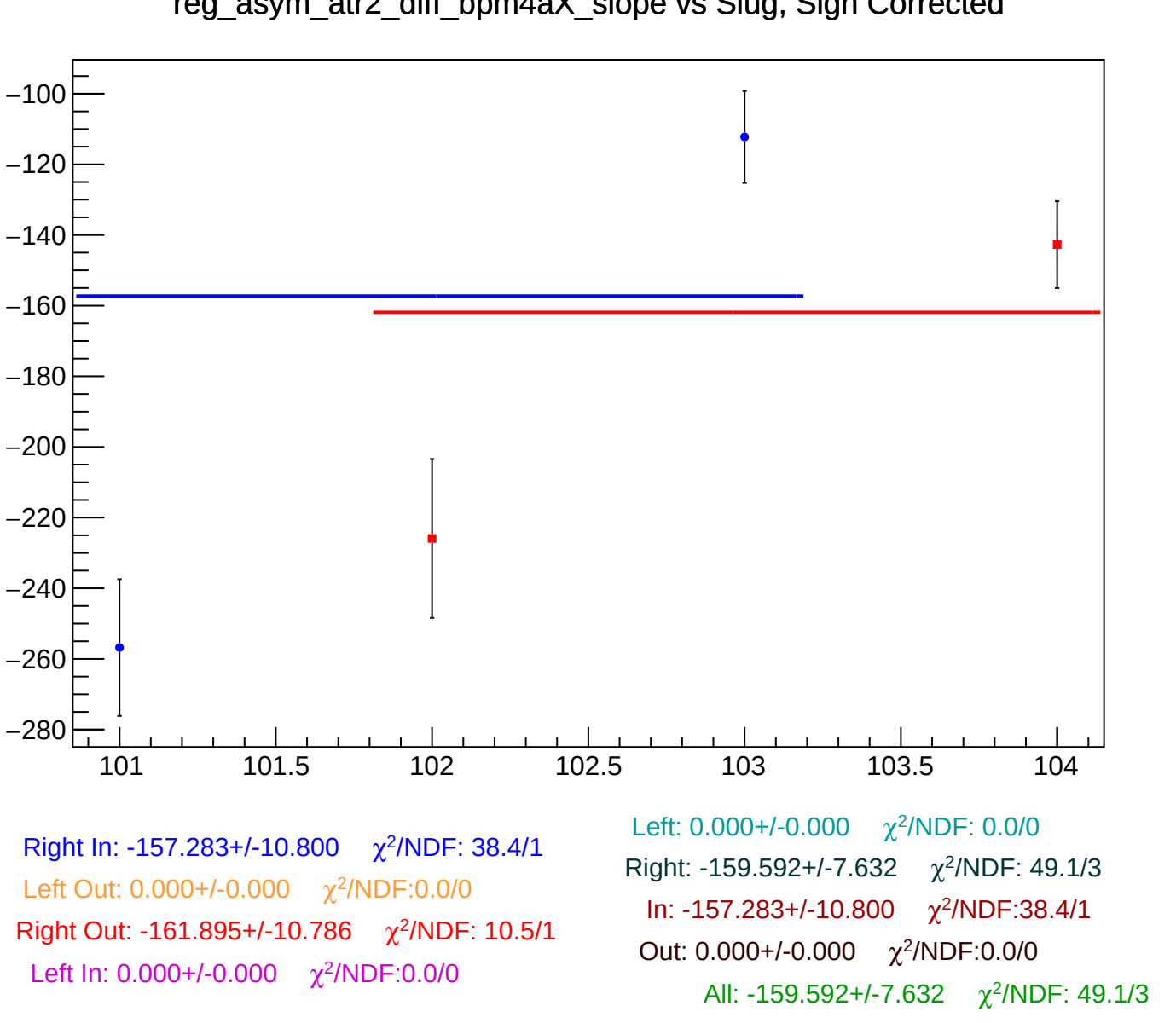
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -14.382+/-0.100 χ^2/NDF: 26232.7/3

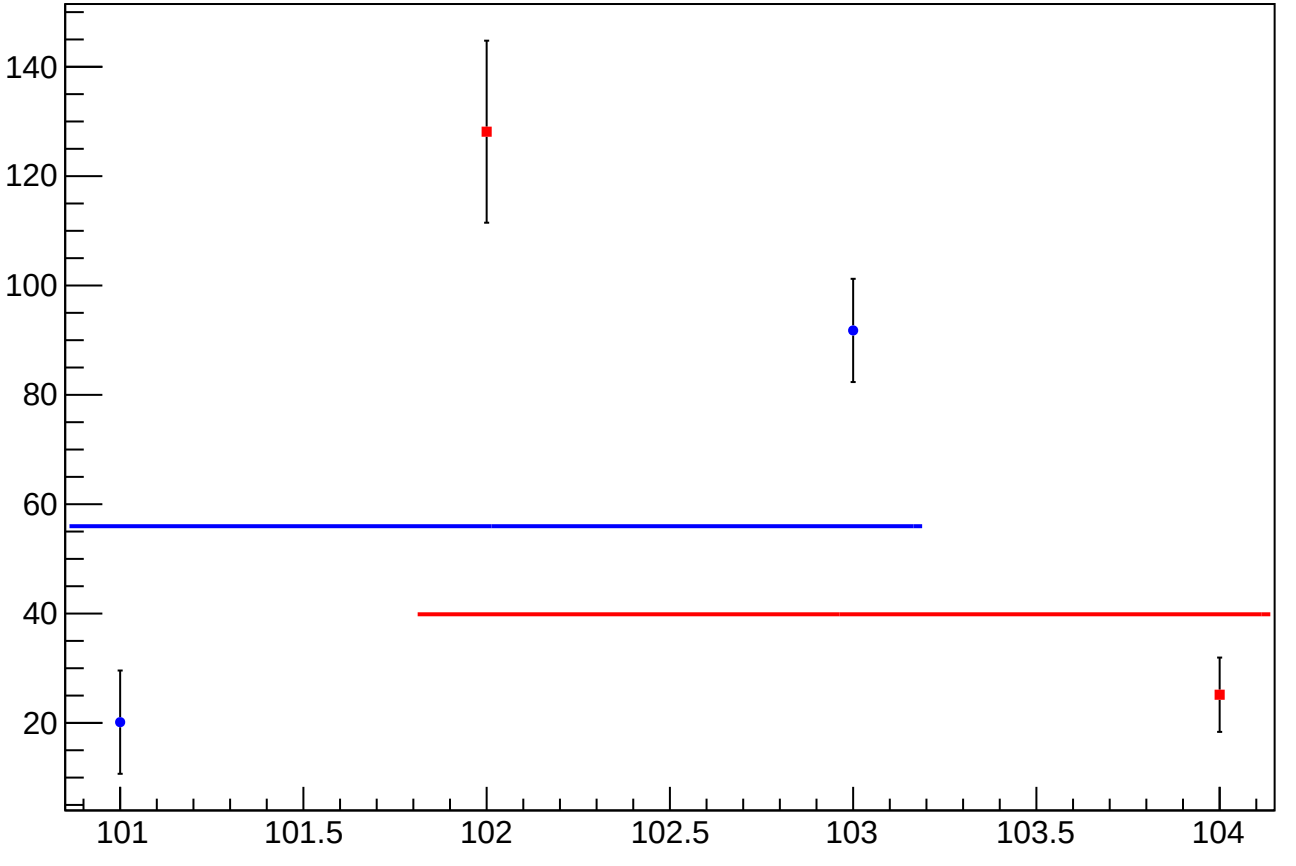
In: -13.808+/-0.142 χ^2/NDF:14446.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -14.382+/-0.100 χ^2/NDF: 26232.7/3


reg_asym_atr2_diff_bpm4aX_slope vs Slug, Sign Corrected
−100
−120
−140
−160
−180
−200
−220
−240
−260
−280
101
101.5
102
102.5
103
103.5
104
Right In: -157.283+/-10.800 χ²/NDF: 38.4/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -161.895+/-10.786 χ²/NDF: 10.5/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -159.592+/-7.632 χ²/NDF: 49.1/3
In: -157.283+/-10.800 χ²/NDF:38.4/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -159.592+/-7.632 χ²/NDF: 49.1/3

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 55.978+/-6.677 χ^2/NDF: 28.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 39.868+/-6.292 χ^2/NDF: 32.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

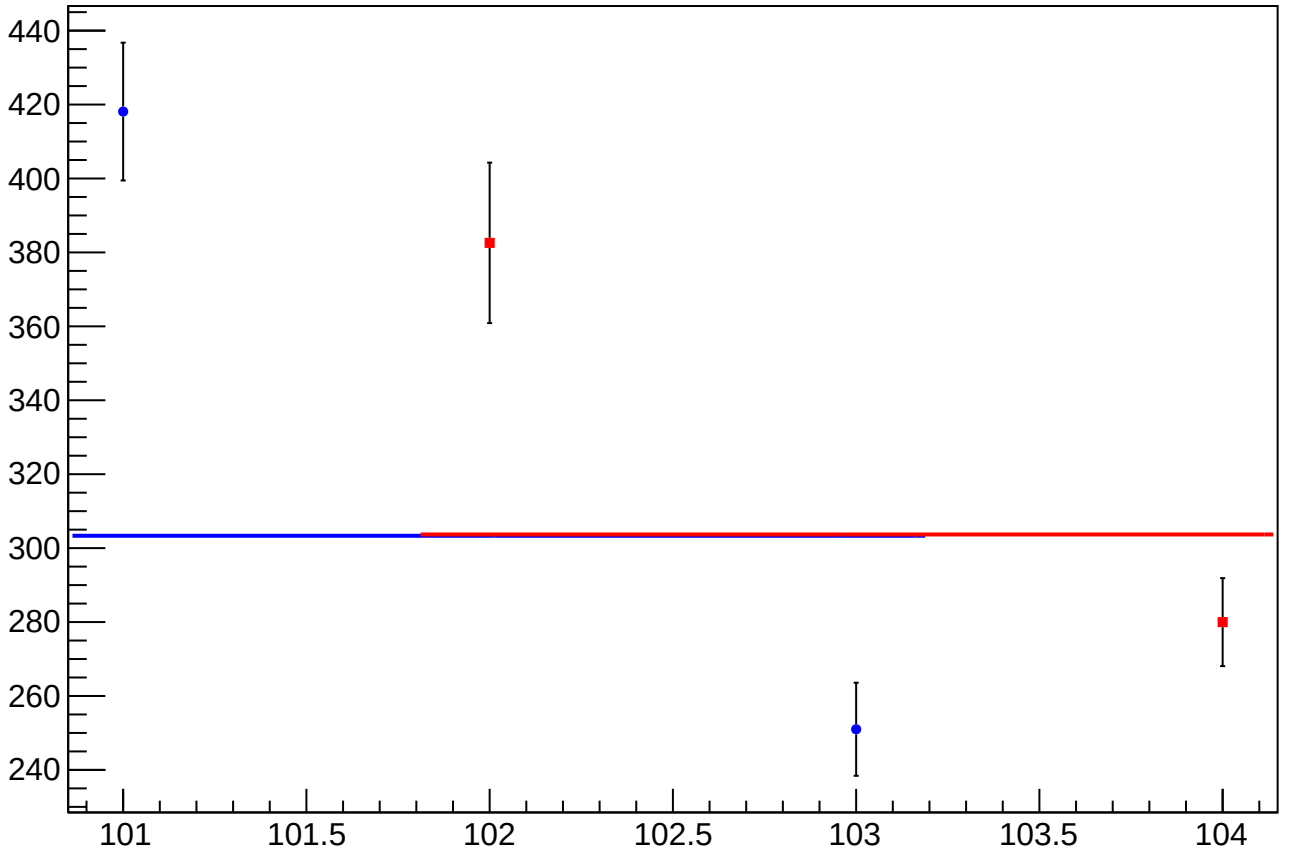
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 47.446+/-4.579 χ^2/NDF: 64.7/3

In: 55.978+/-6.677 χ^2/NDF:28.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 47.446+/-4.579 χ^2/NDF: 64.7/3



Right In: 303.345+/-10.433 χ^2/NDF: 55.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 303.695+/-10.438 χ^2/NDF: 17.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

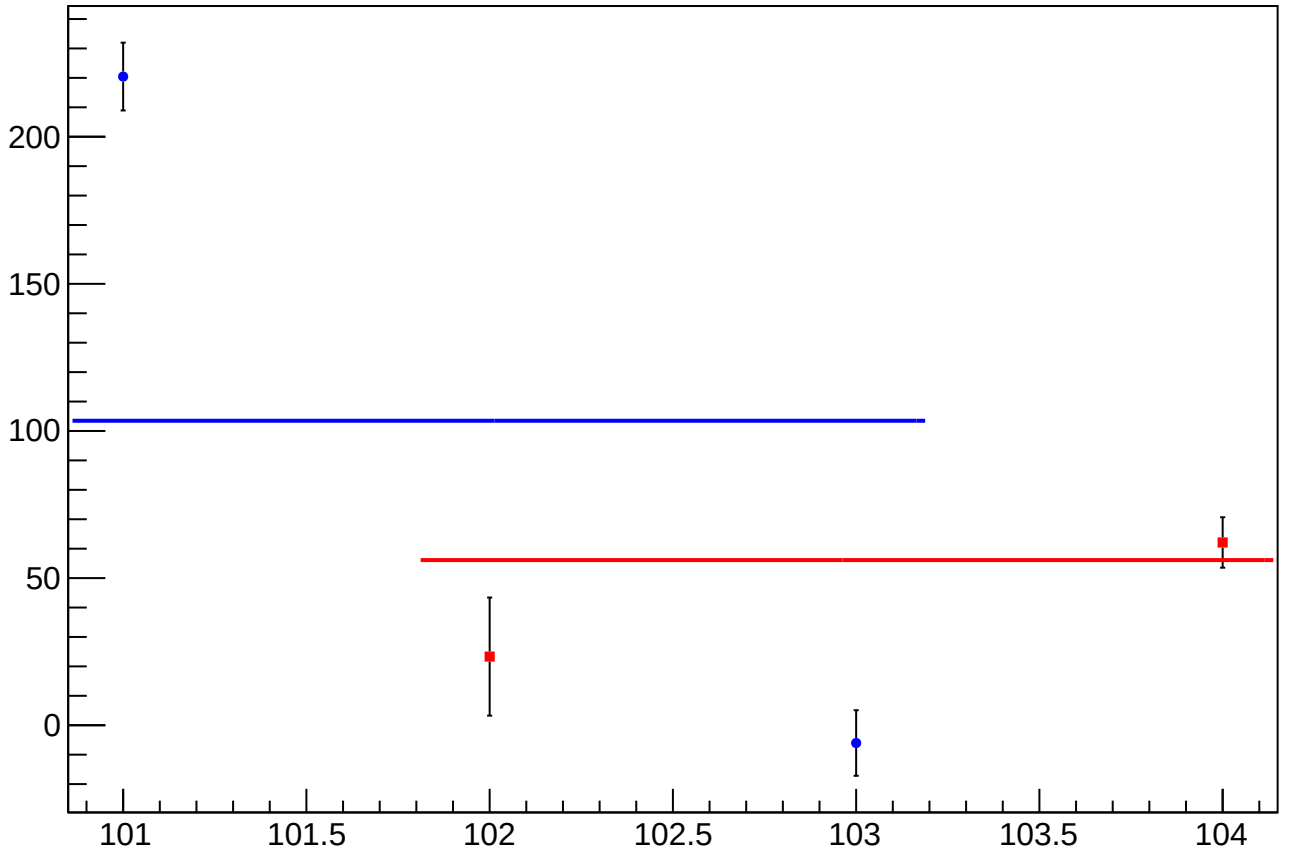
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 303.520+/-7.379 χ^2/NDF: 72.4/3

In: 303.345+/-10.433 χ^2/NDF:55.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 303.520+/-7.379 χ^2/NDF: 72.4/3



Right In: 103.475+/-8.010 χ^2/NDF: 199.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 56.126+/-7.885 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

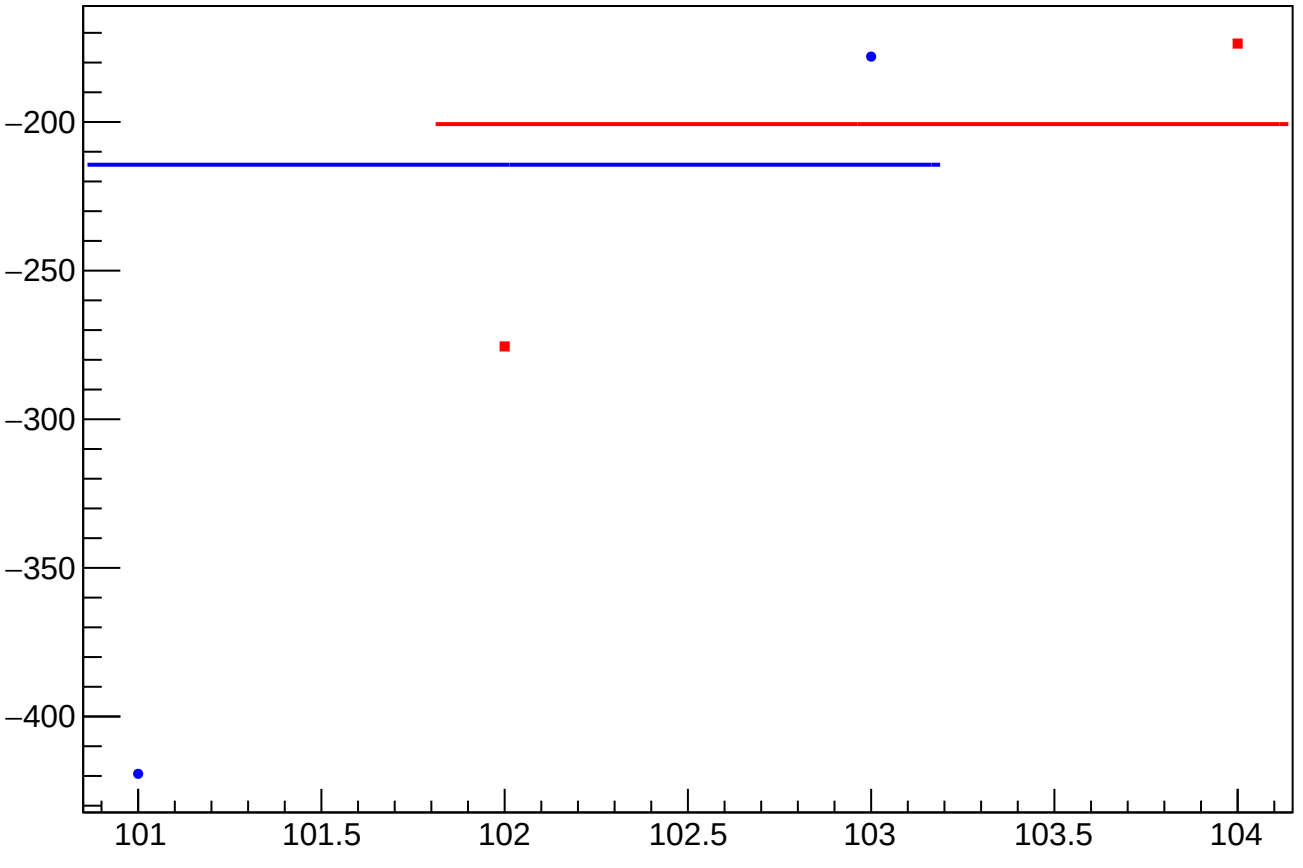
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 79.428+/-5.619 χ^2/NDF: 220.6/3

In: 103.475+/-8.010 χ^2/NDF:199.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 79.428+/-5.619 χ^2/NDF: 220.6/3



Right In: -214.372+/-0.260 χ^2/NDF: 110036.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -200.702+/-0.259 χ^2/NDF: 30142.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

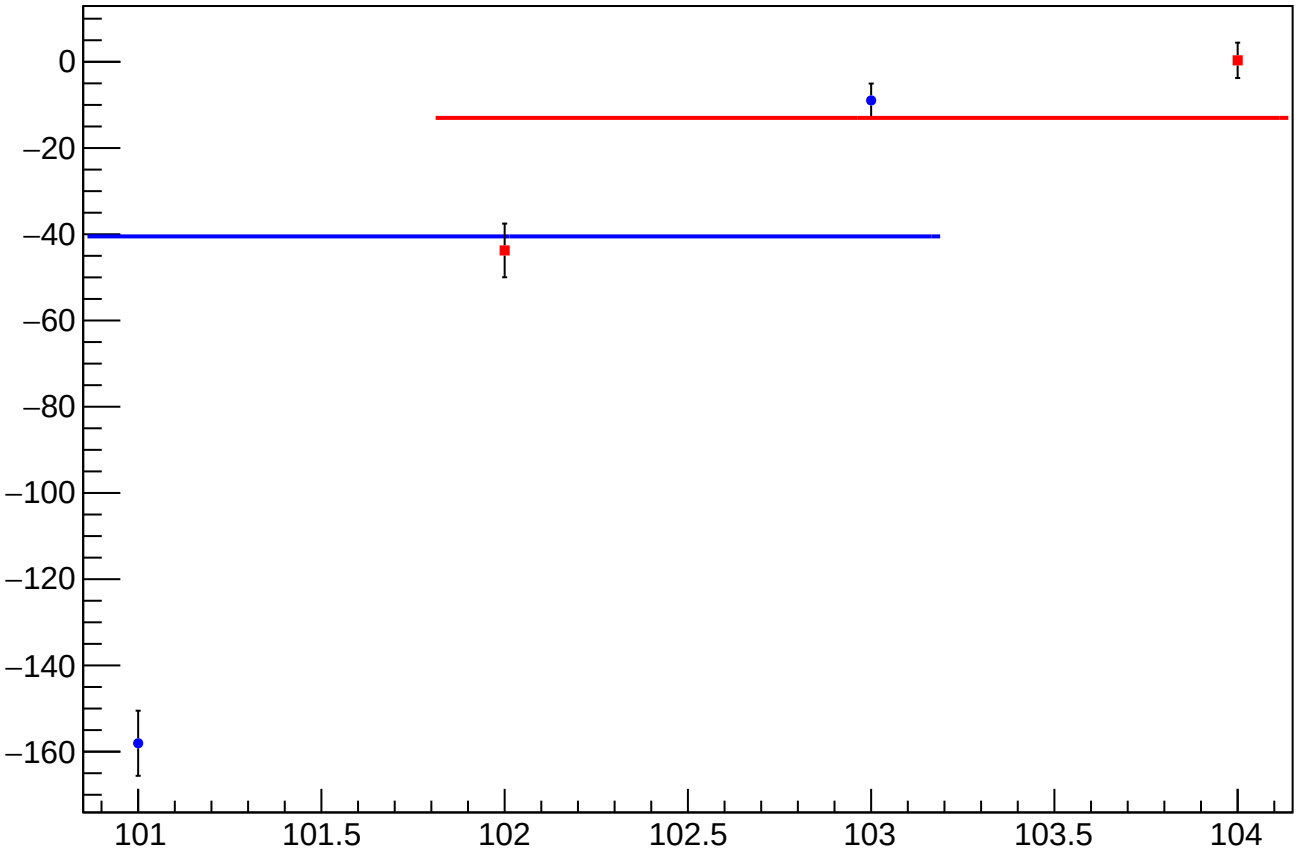
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -207.511+/-0.184 χ^2/NDF: 141563.5/3

In: -214.372+/-0.260 χ^2/NDF:110036.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -207.511+/-0.184 χ^2/NDF: 141563.5/3



Right In: -40.495+/-3.472 χ^2/NDF: 307.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -13.007+/-3.425 χ^2/NDF: 35.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

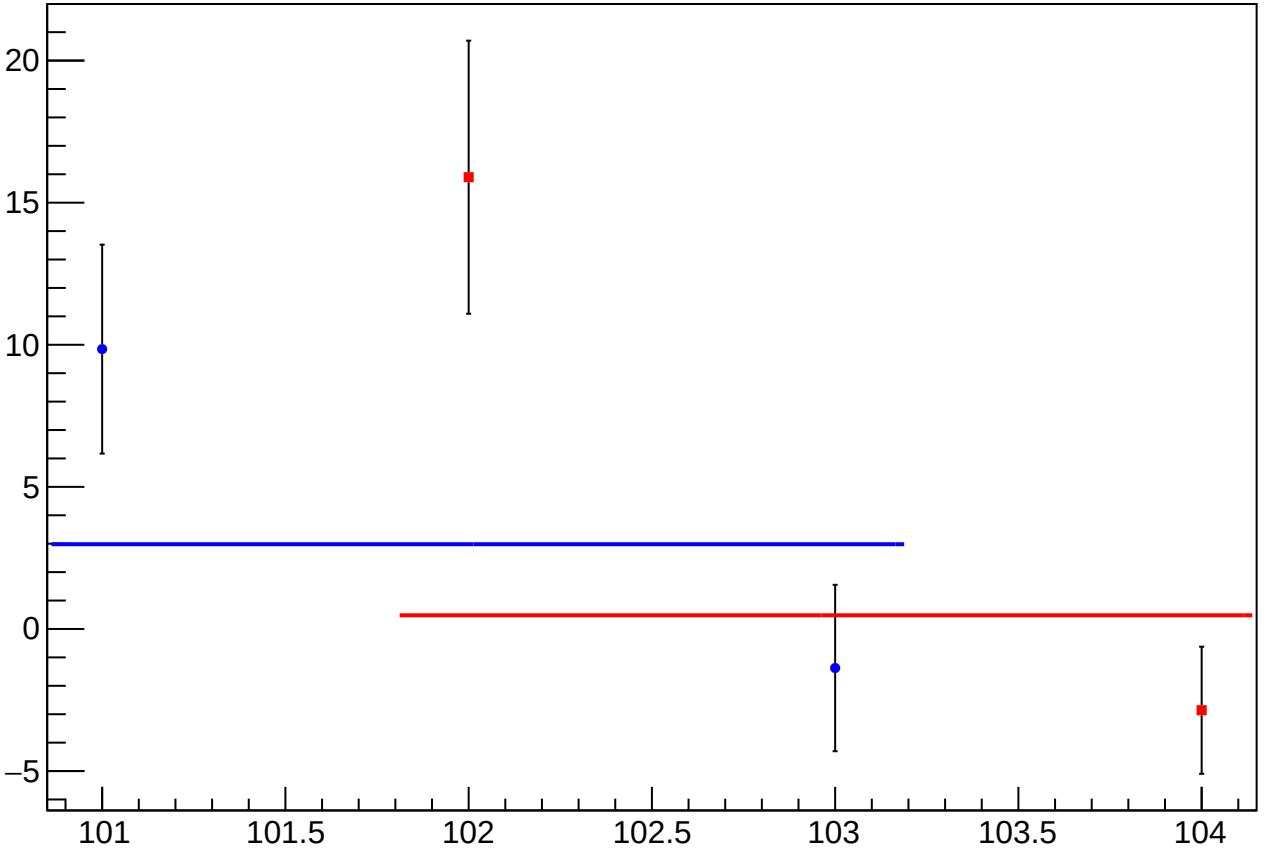
Right: -26.560+/-2.438 χ^2/NDF: 374.2/3

In: -40.495+/-3.472 χ^2/NDF:307.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -26.560+/-2.438 χ^2/NDF: 374.2/3

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.982+/-2.290 χ^2/NDF: 5.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.481+/-2.027 χ^2/NDF: 12.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

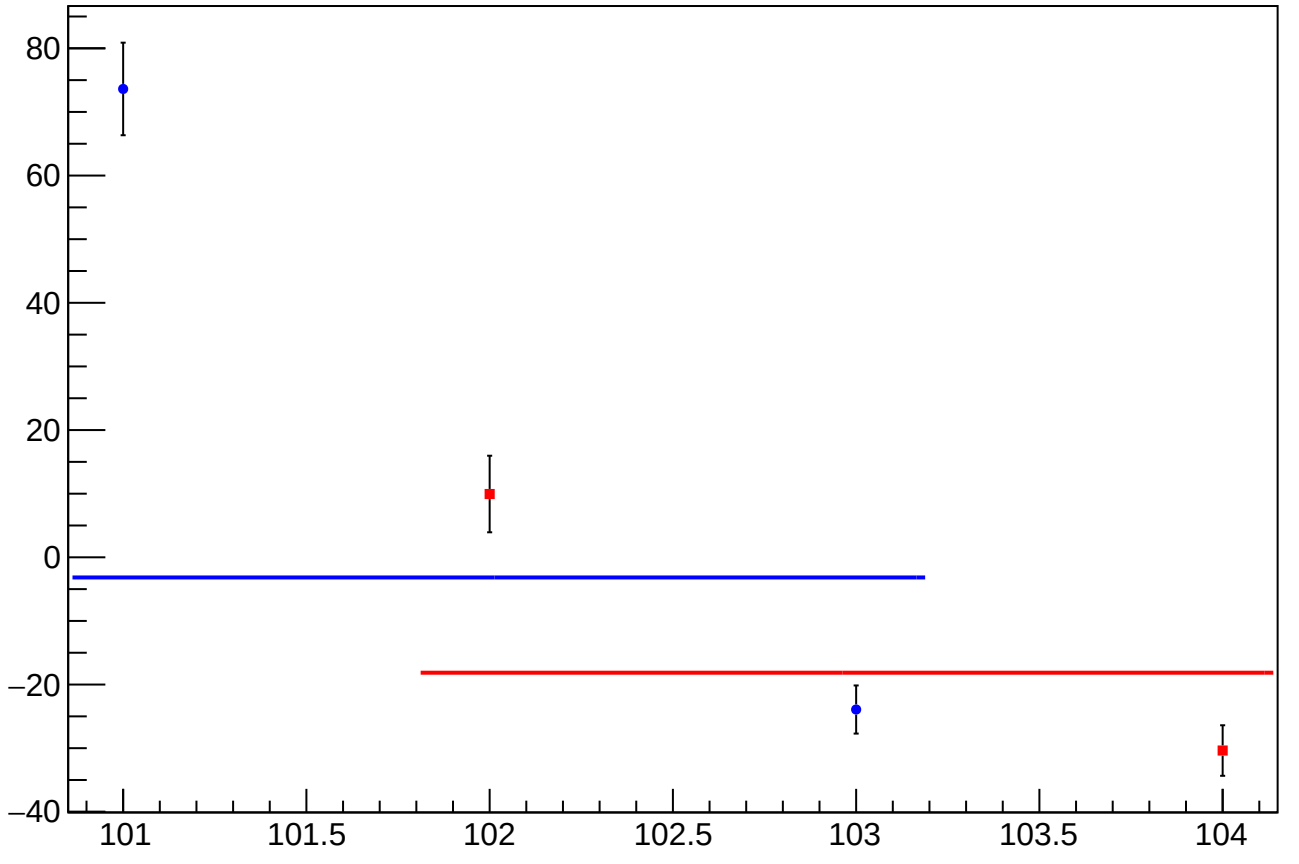
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 1.580+/-1.518 χ^2/NDF: 18.9/3

In: 2.982+/-2.290 χ^2/NDF:5.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.580+/-1.518 χ^2/NDF: 18.9/3



Right In: -3.168+/-3.356 χ^2/NDF: 141.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -18.137+/-3.314 χ^2/NDF: 31.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

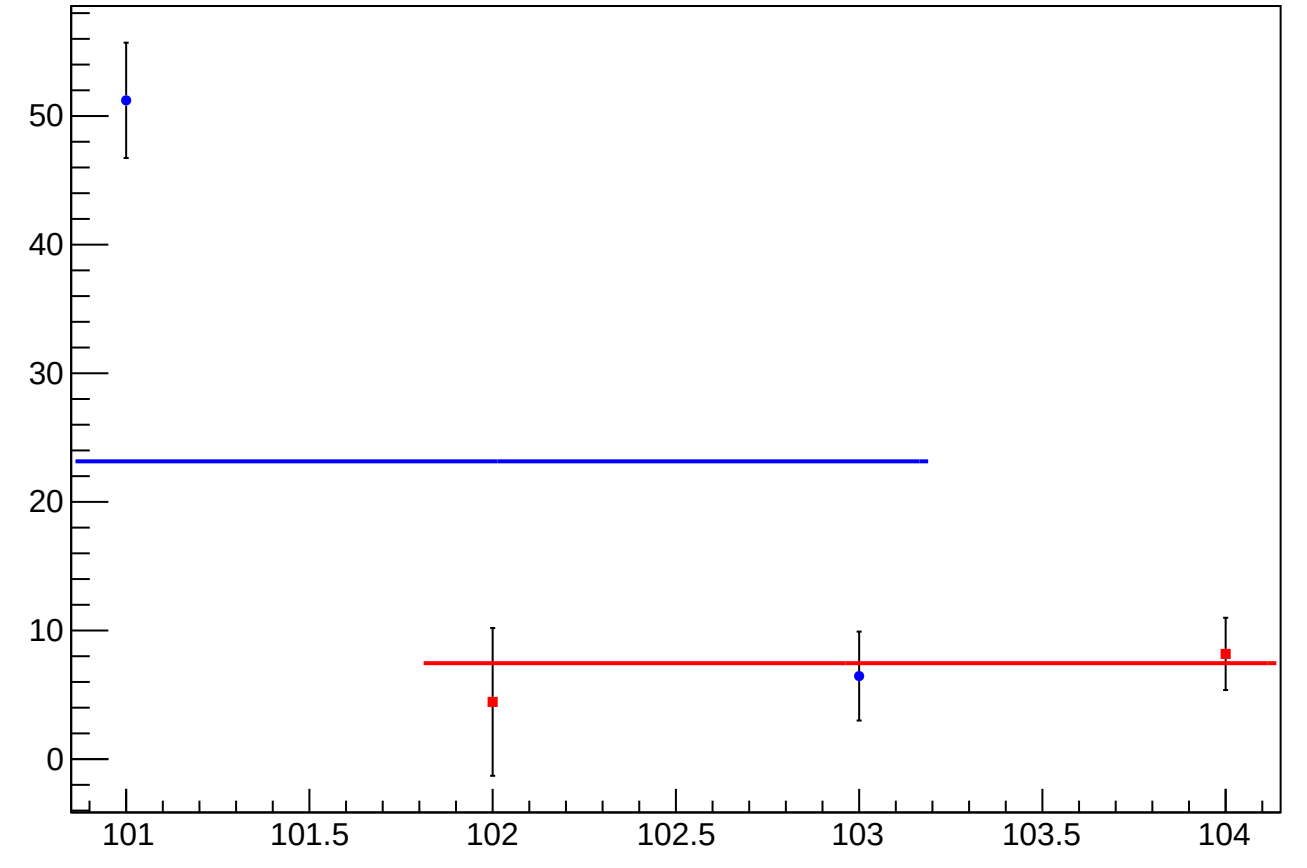
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -10.745+/-2.358 χ^2/NDF: 182.9/3

In: -3.168+/-3.356 χ^2/NDF:141.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -10.745+/-2.358 χ^2/NDF: 182.9/3



Right In: 23.153+/-2.738 χ^2/NDF: 62.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.459+/-2.525 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

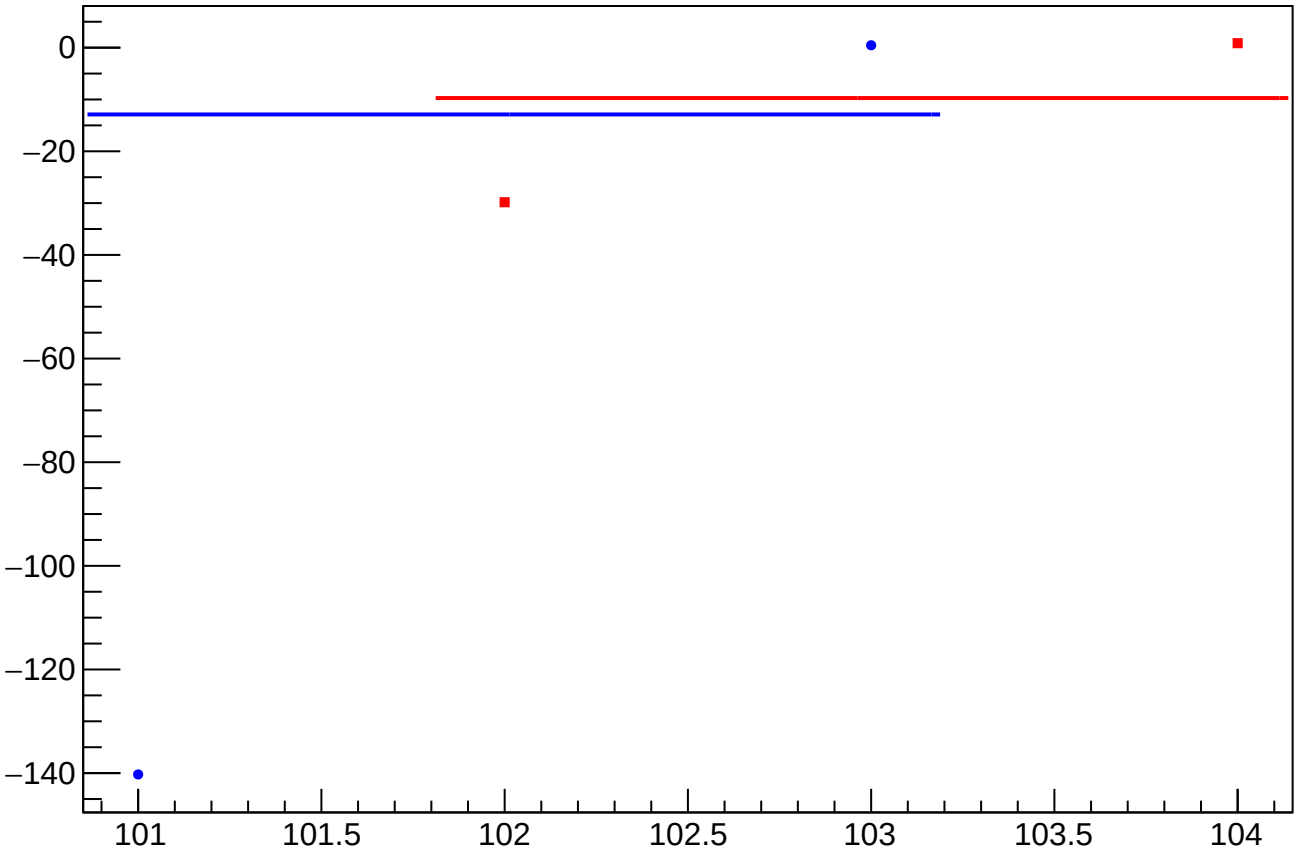
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 14.670+/-1.856 χ^2/NDF: 80.6/3

In: 23.153+/-2.738 χ^2/NDF:62.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 14.670+/-1.856 χ^2/NDF: 80.6/3



Right In: -12.891+/-0.081 χ^2/NDF: 261043.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -9.726+/-0.081 χ^2/NDF: 32342.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

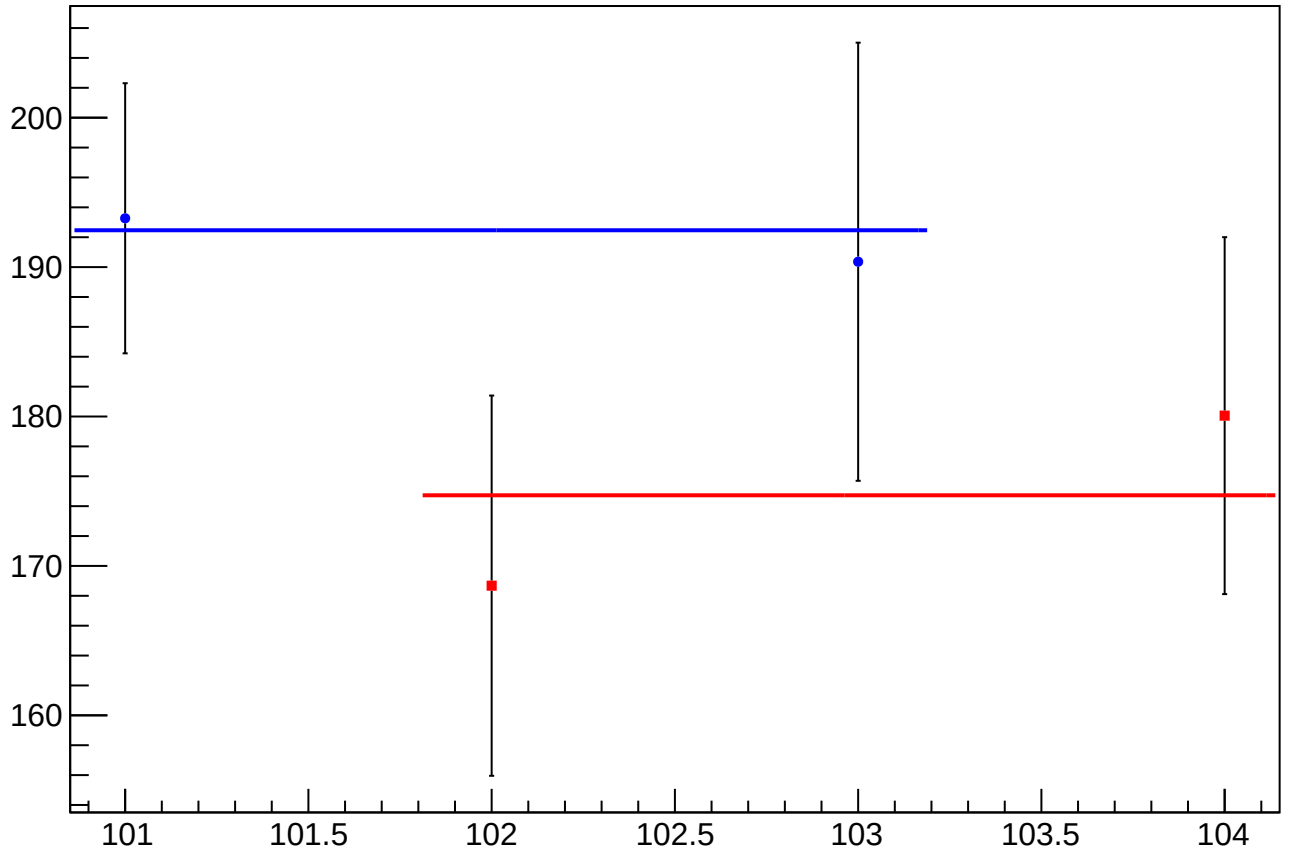
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -11.317+/-0.057 χ^2/NDF: 294150.6/3

In: -12.891+/-0.081 χ^2/NDF:261043.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.317+/-0.057 χ^2/NDF: 294150.6/3



Right In: 192.466+/-7.695 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 174.728+/-8.709 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

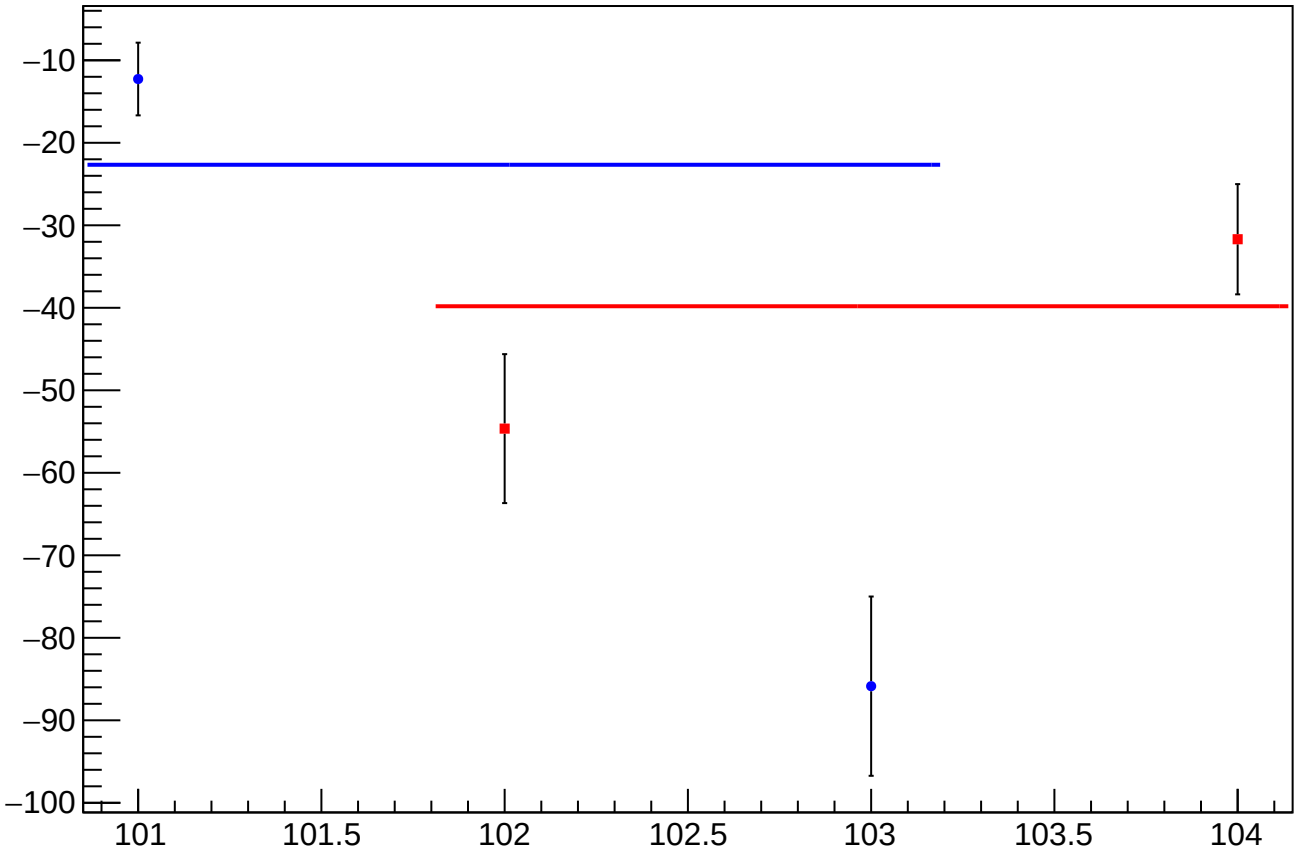
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 184.690+/-5.766 χ^2/NDF: 2.8/3

In: 192.466+/-7.695 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 184.690+/-5.766 χ^2/NDF: 2.8/3



Right In: -22.663+/-4.083 χ^2/NDF: 39.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -39.812+/-5.370 χ^2/NDF: 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

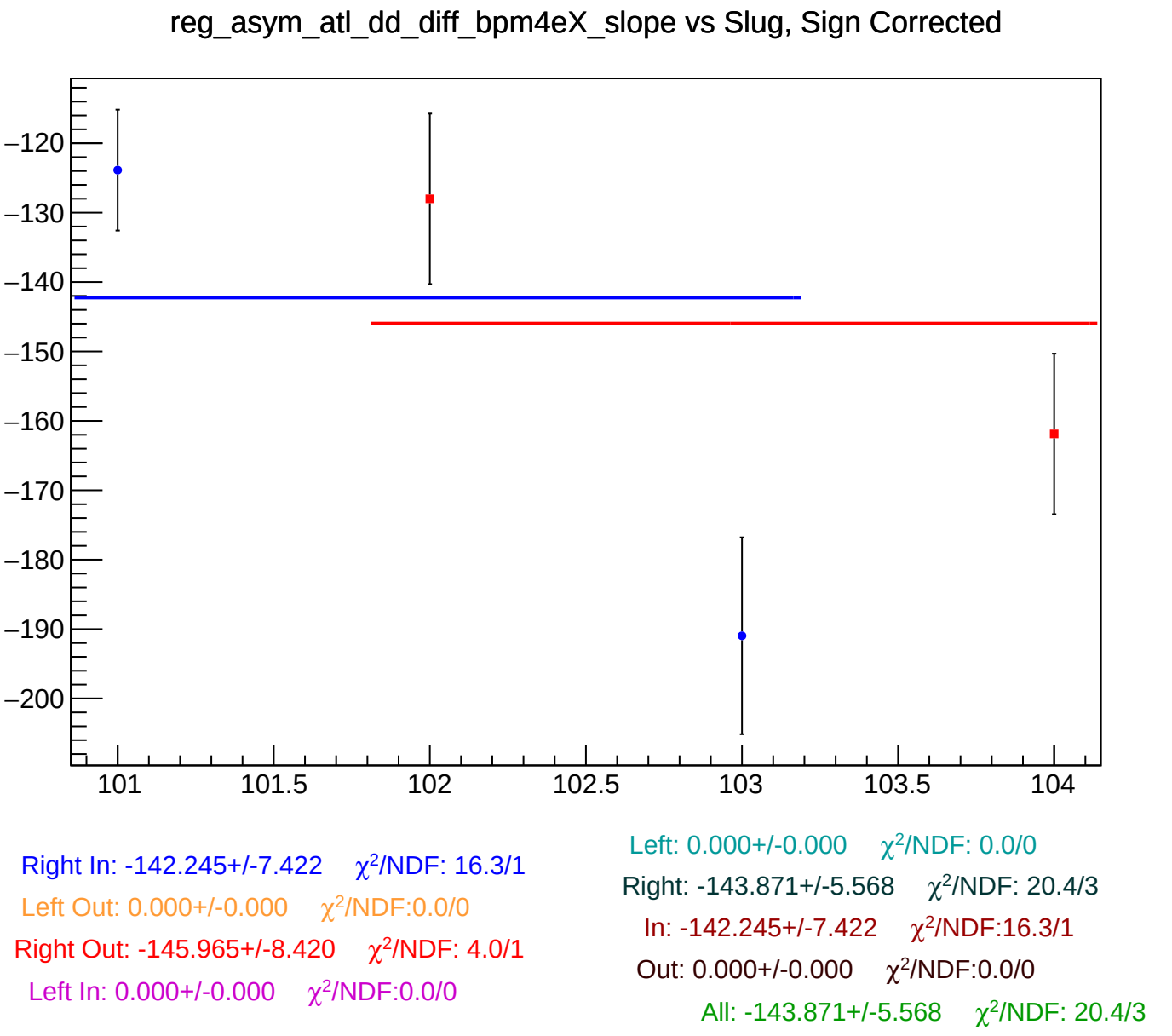
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

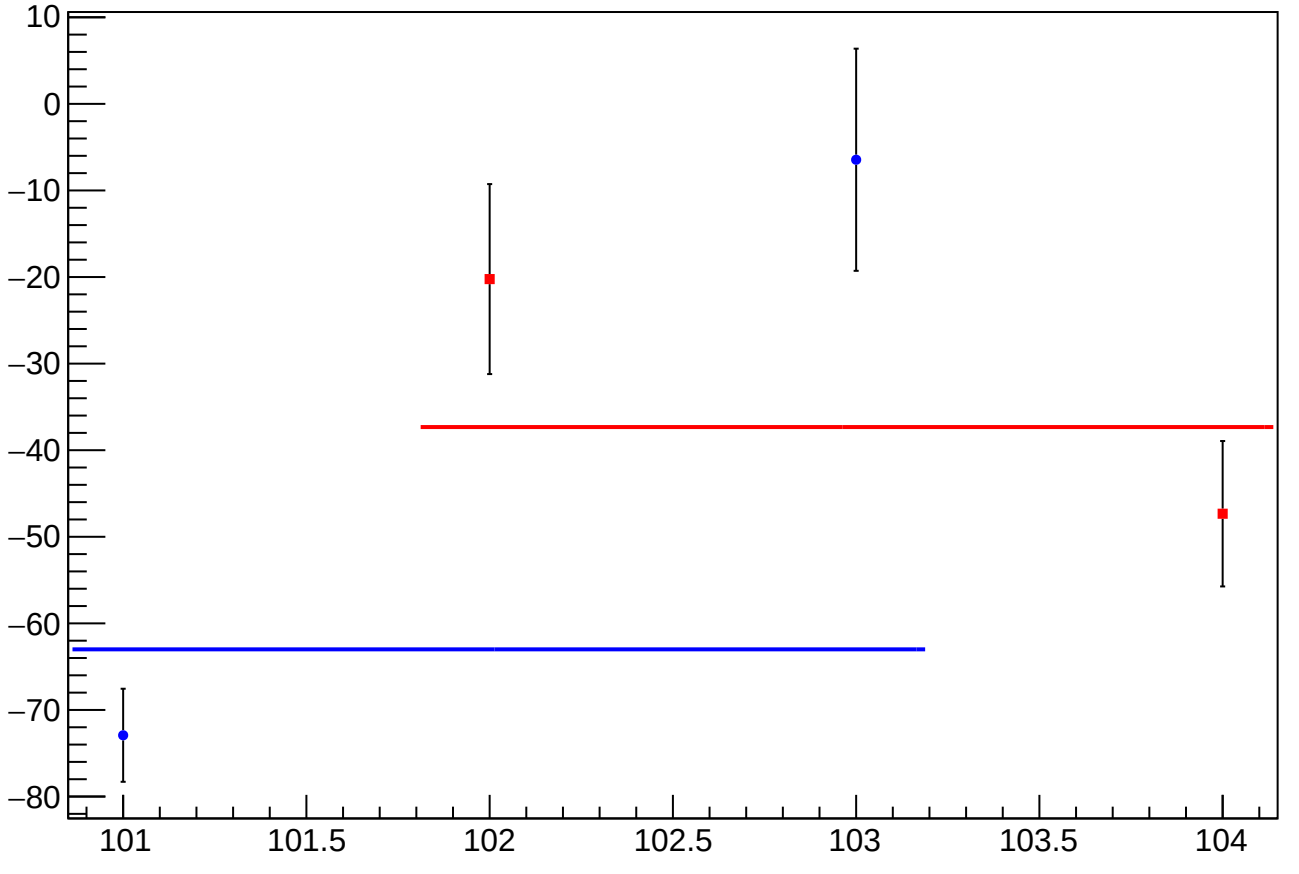
Right: -28.945+/-3.250 χ^2/NDF: 50.0/3

In: -22.663+/-4.083 χ^2/NDF:39.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -28.945+/-3.250 χ^2/NDF: 50.0/3


reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected
−120
−130
−140
−150
−160
−170
−180
−190
−200
101
101.5
102
102.5
103
103.5
104
Right In: -142.245+/-7.422 χ2/NDF: 16.3/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -145.965+/-8.420 χ2/NDF: 4.0/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -143.871+/-5.568 χ2/NDF: 20.4/3
In: -142.245+/-7.422 χ2/NDF:16.3/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -143.871+/-5.568 χ2/NDF: 20.4/3



Right In: -63.001+/-4.957 χ^2/NDF: 22.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -37.326+/-6.668 χ^2/NDF: 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

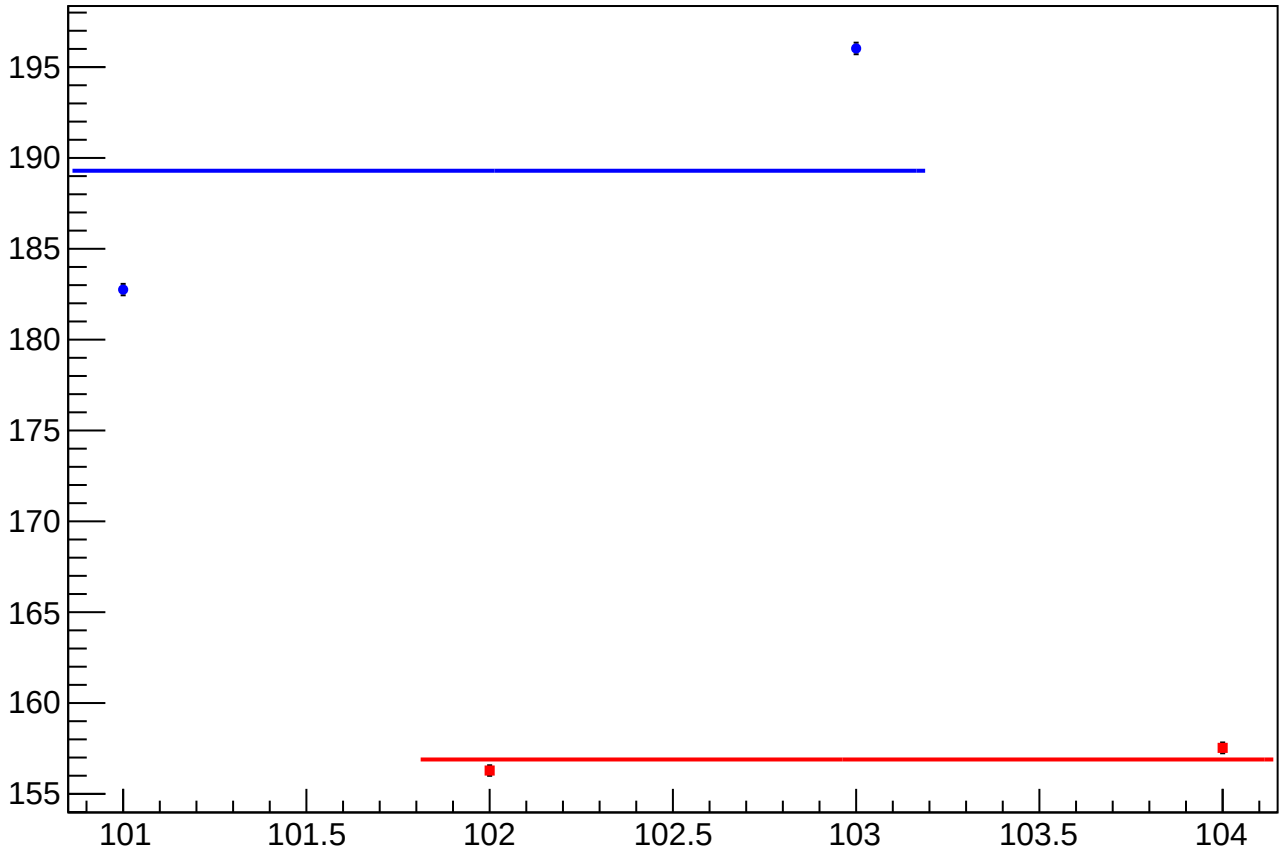
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -53.864+/-3.978 χ^2/NDF: 36.2/3

In: -63.001+/-4.957 χ^2/NDF:22.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -53.864+/-3.978 χ^2/NDF: 36.2/3



Right In: 189.295+/-0.223 χ^2/NDF: 881.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 156.893+/-0.207 χ^2/NDF: 9.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

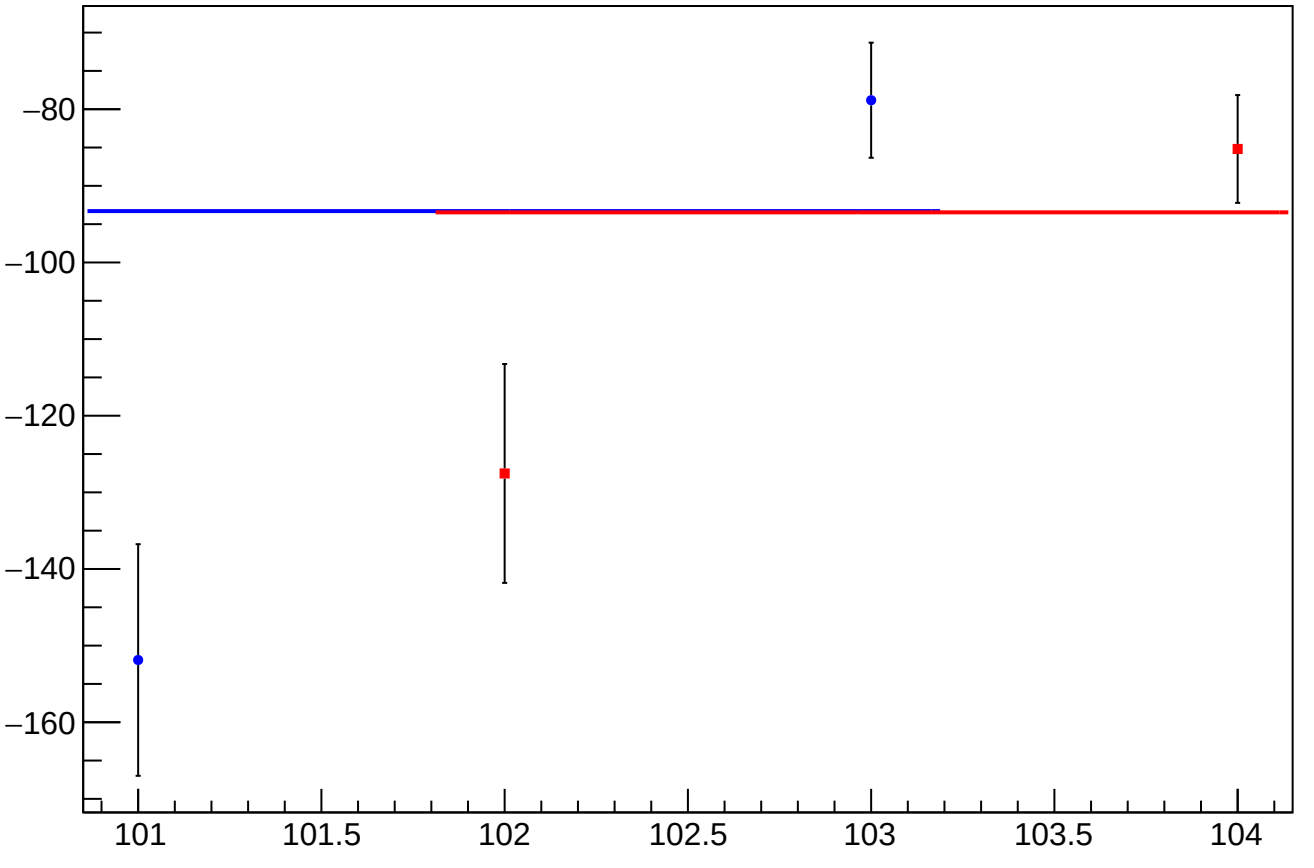
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 171.871+/-0.152 χ^2/NDF: 12198.5/3

In: 189.295+/-0.223 χ^2/NDF:881.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 171.871+/-0.152 χ^2/NDF: 12198.5/3



Right In: -93.295+/-6.726 χ^2/NDF: 18.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -93.458+/-6.311 χ^2/NDF: 7.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

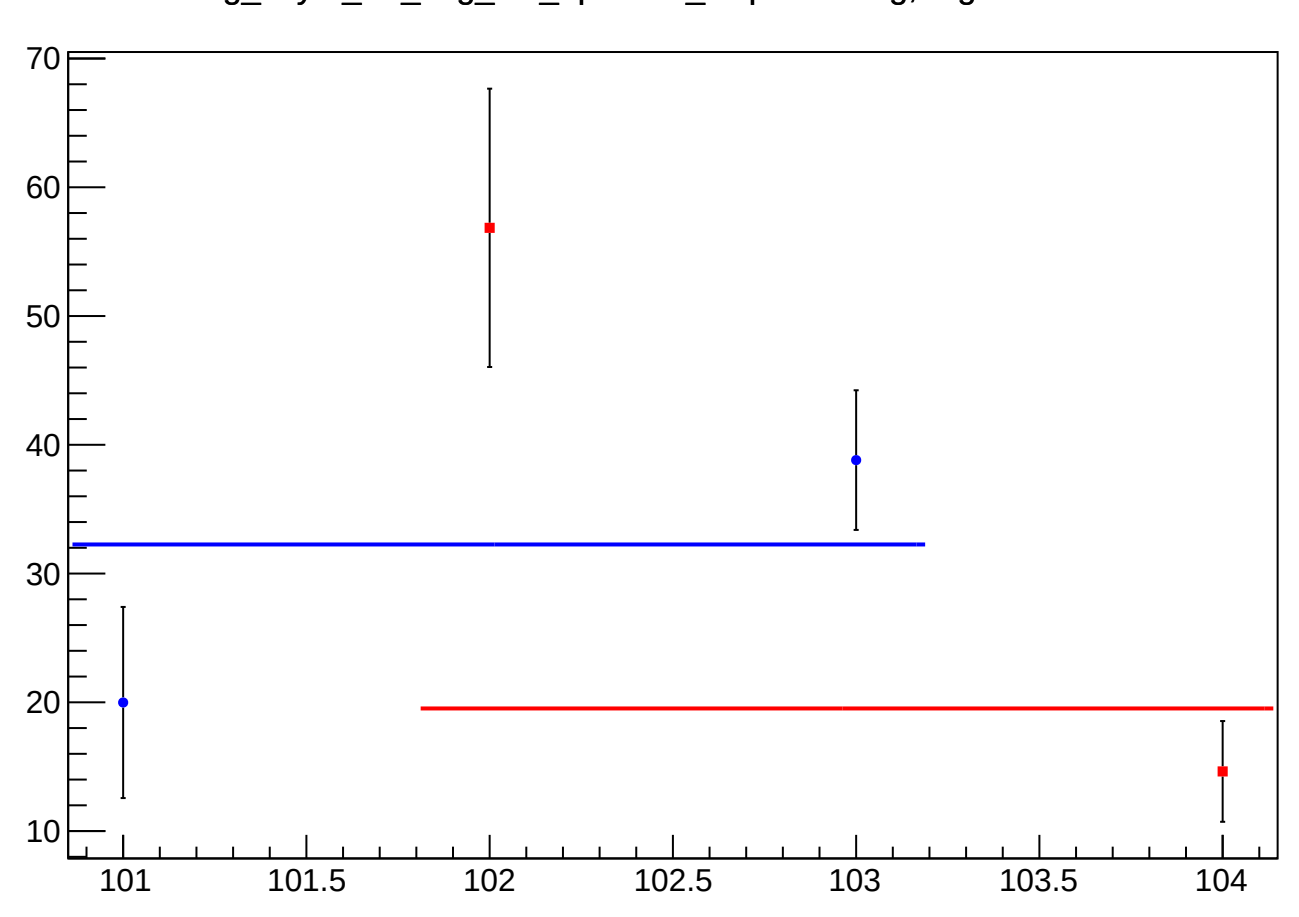
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -93.382+/-4.602 χ^2/NDF: 25.8/3

In: -93.295+/-6.726 χ^2/NDF:18.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -93.382+/-4.602 χ^2/NDF: 25.8/3



Right In: 32.259+/-4.379 χ^2/NDF: 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 19.522+/-3.678 χ^2/NDF: 13.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

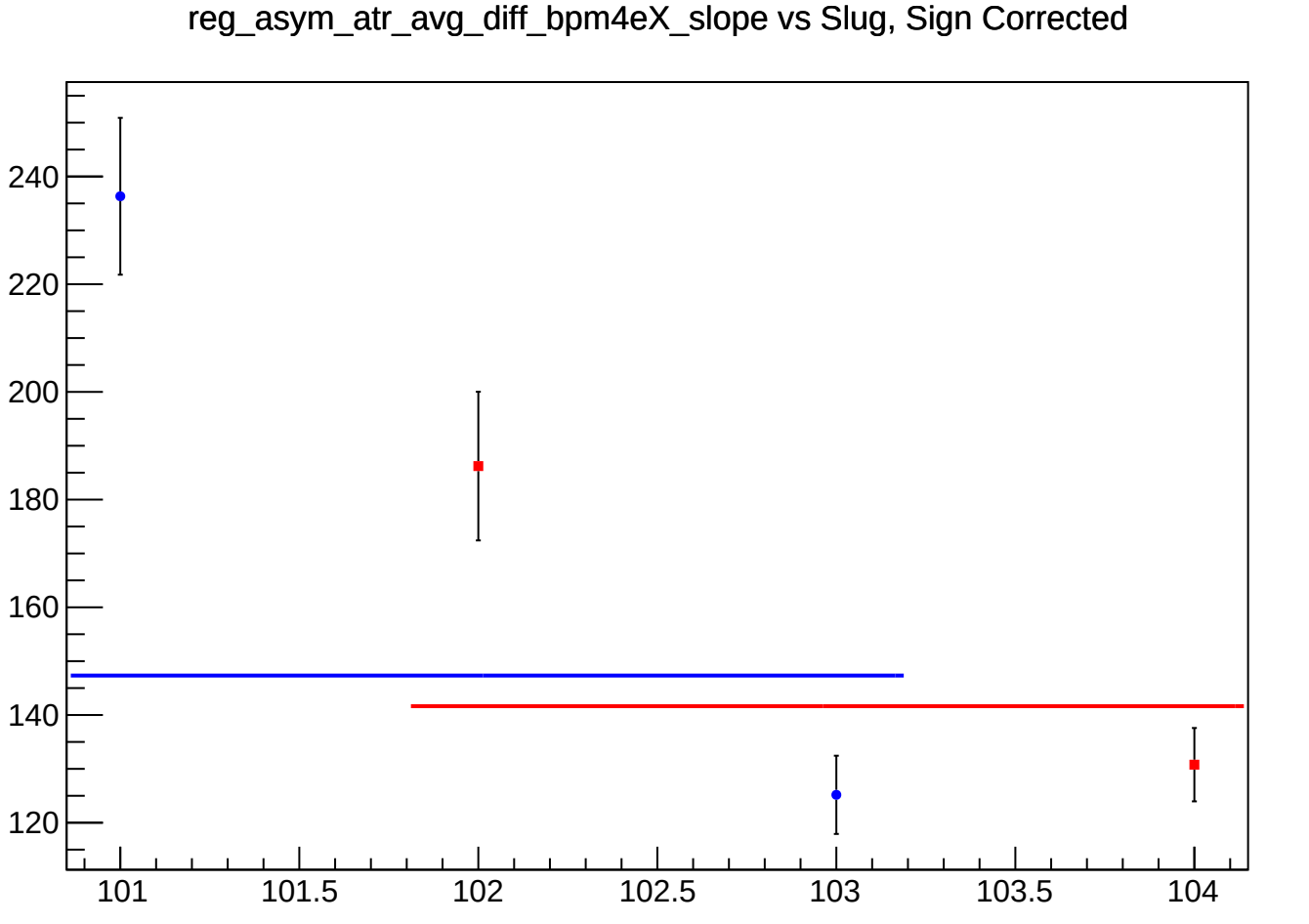
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

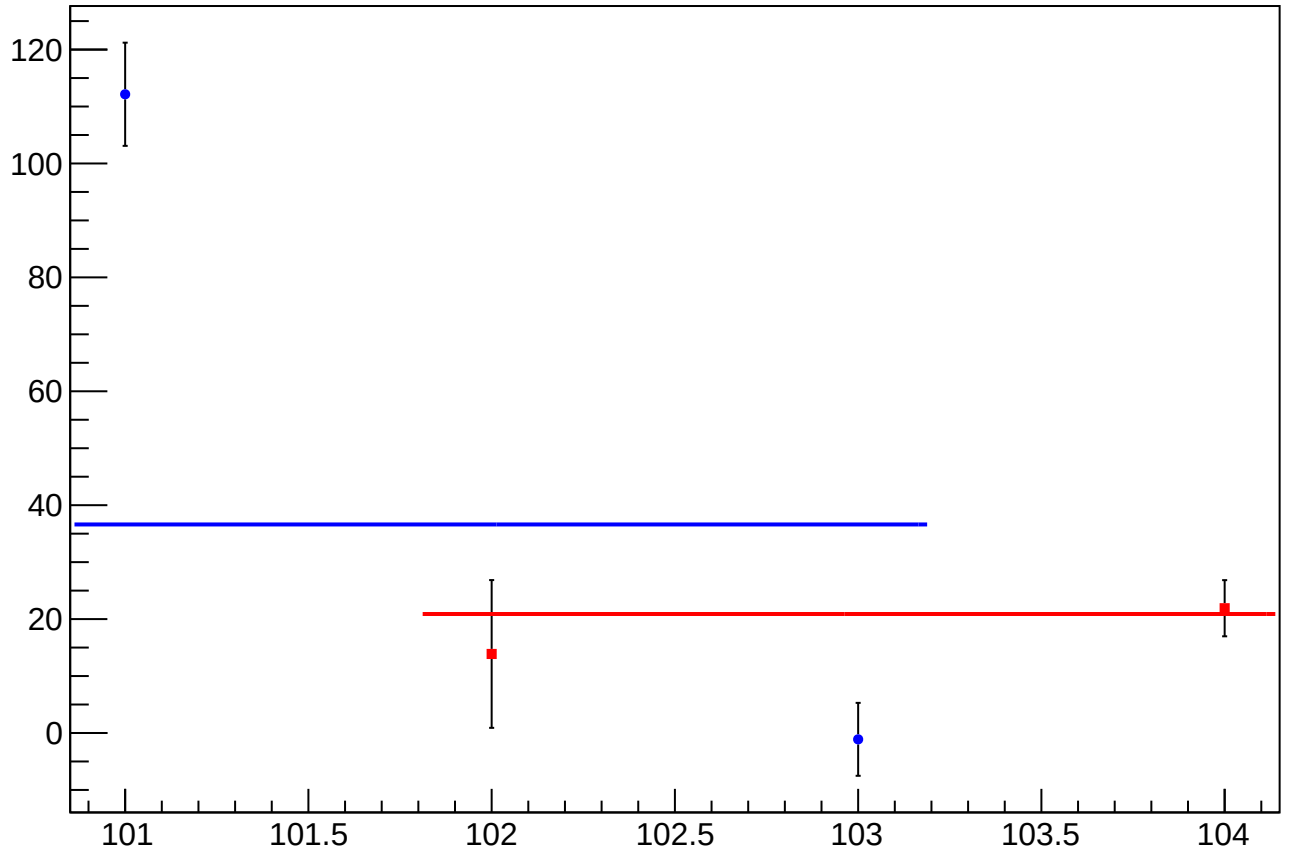
Right: 24.792+/-2.817 χ^2/NDF: 22.6/3

In: 32.259+/-4.379 χ^2/NDF:4.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 24.792+/-2.817 χ^2/NDF: 22.6/3


reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
240
220
200
180
160
140
120
101
101.5
102
102.5
103
103.5
104
Right In: 147.325+/-6.500 χ²/NDF: 46.7/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 141.636+/-6.108 χ²/NDF: 13.0/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 144.304+/-4.451 χ²/NDF: 60.0/3
In: 147.325+/-6.500 χ²/NDF:46.7/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 144.304+/-4.451 χ²/NDF: 60.0/3



Right In: 36.616+/-5.229 χ^2/NDF: 104.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 20.894+/-4.609 χ^2/NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

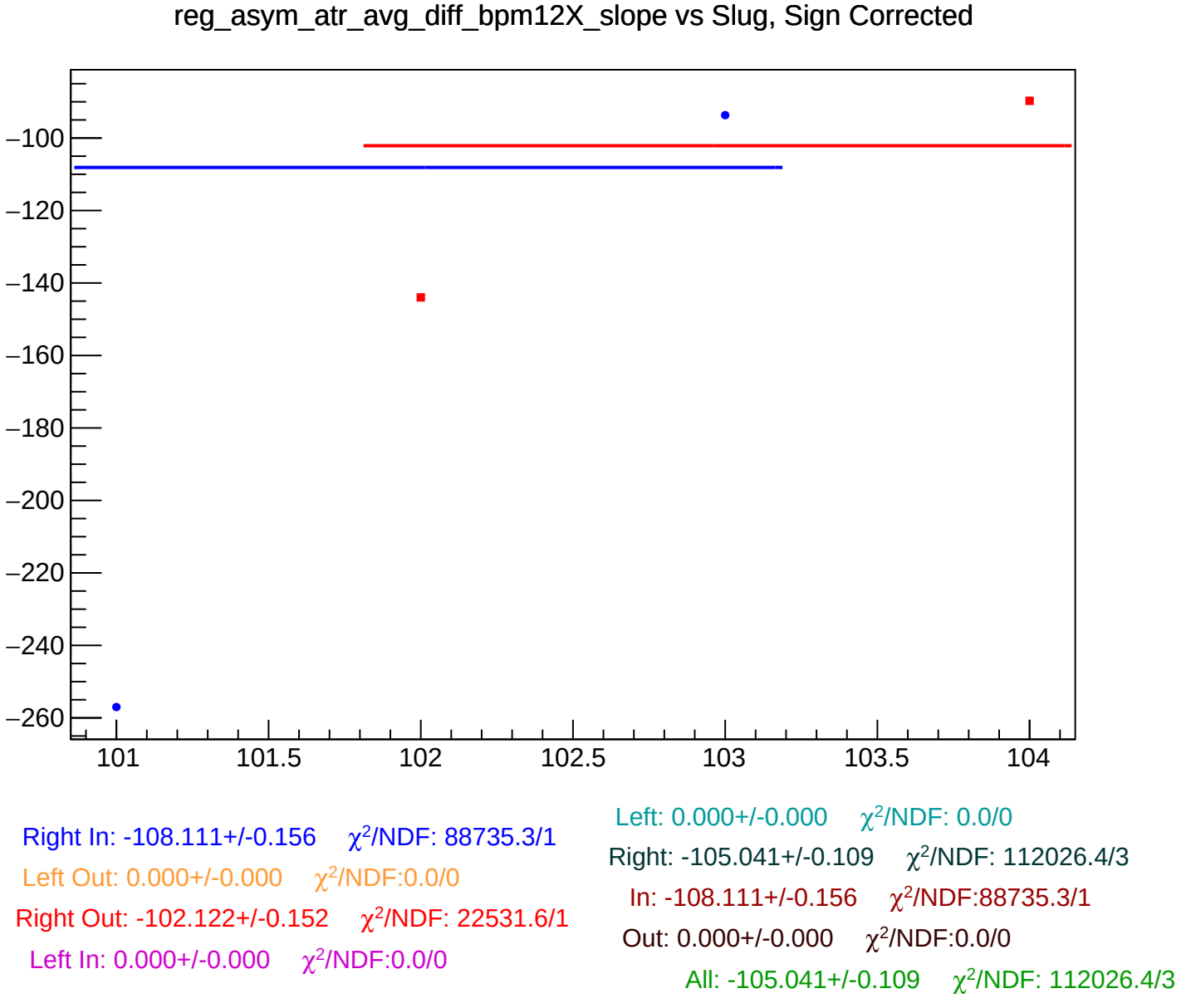
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

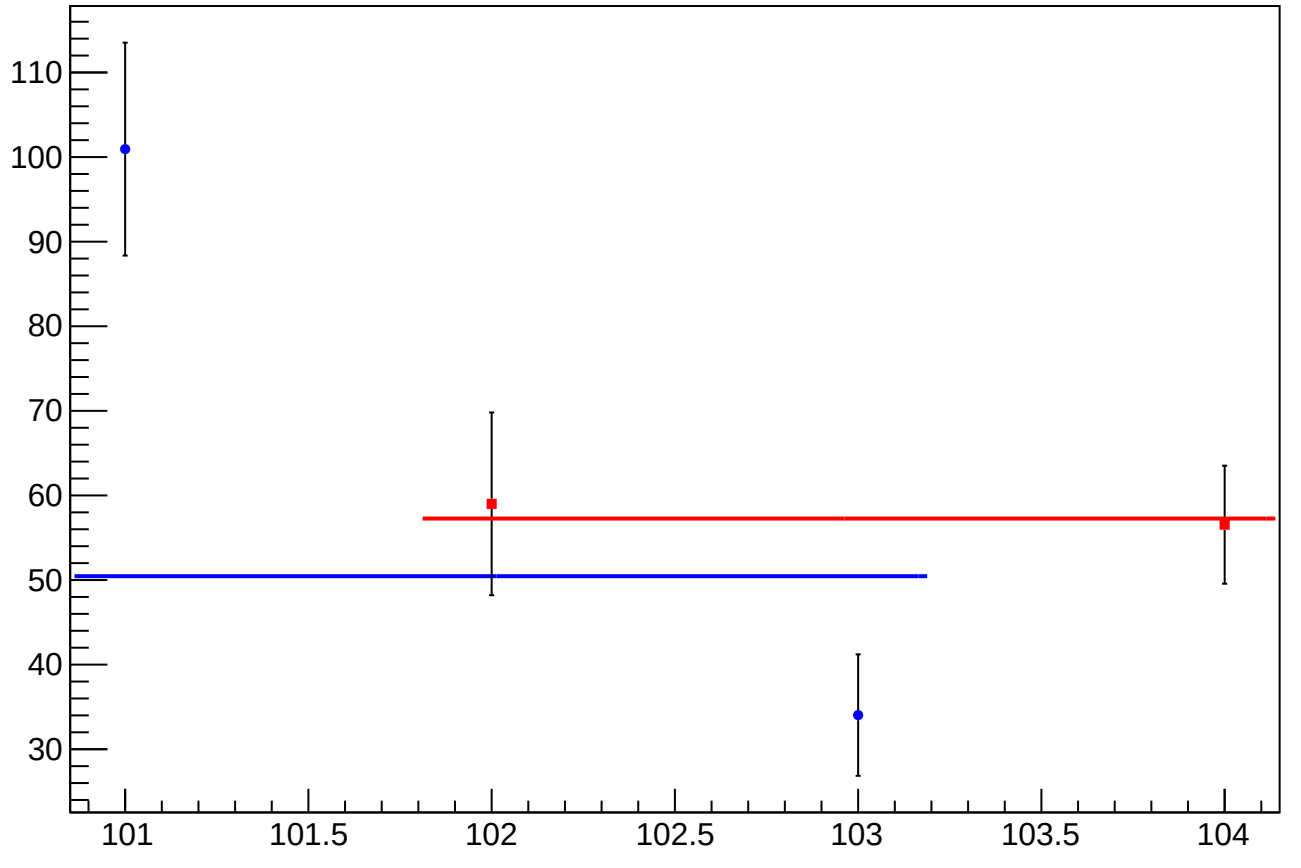
Right: 27.769+/-3.457 χ^2/NDF: 109.7/3

In: 36.616+/-5.229 χ^2/NDF:104.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 27.769+/-3.457 χ^2/NDF: 109.7/3


reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−100
−120
−140
−160
−180
−200
−220
−240
−260
101
101.5
102
102.5
103
103.5
104
Right In: -108.111+/-0.156 χ²/NDF: 88735.3/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -102.122+/-0.152 χ²/NDF: 22531.6/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: -105.041+/-0.109 χ²/NDF: 112026.4/3
In: -108.111+/-0.156 χ²/NDF:88735.3/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: -105.041+/-0.109 χ²/NDF: 112026.4/3



Right In: 50.455+/-6.235 χ^2/NDF: 21.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 57.269+/-5.861 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

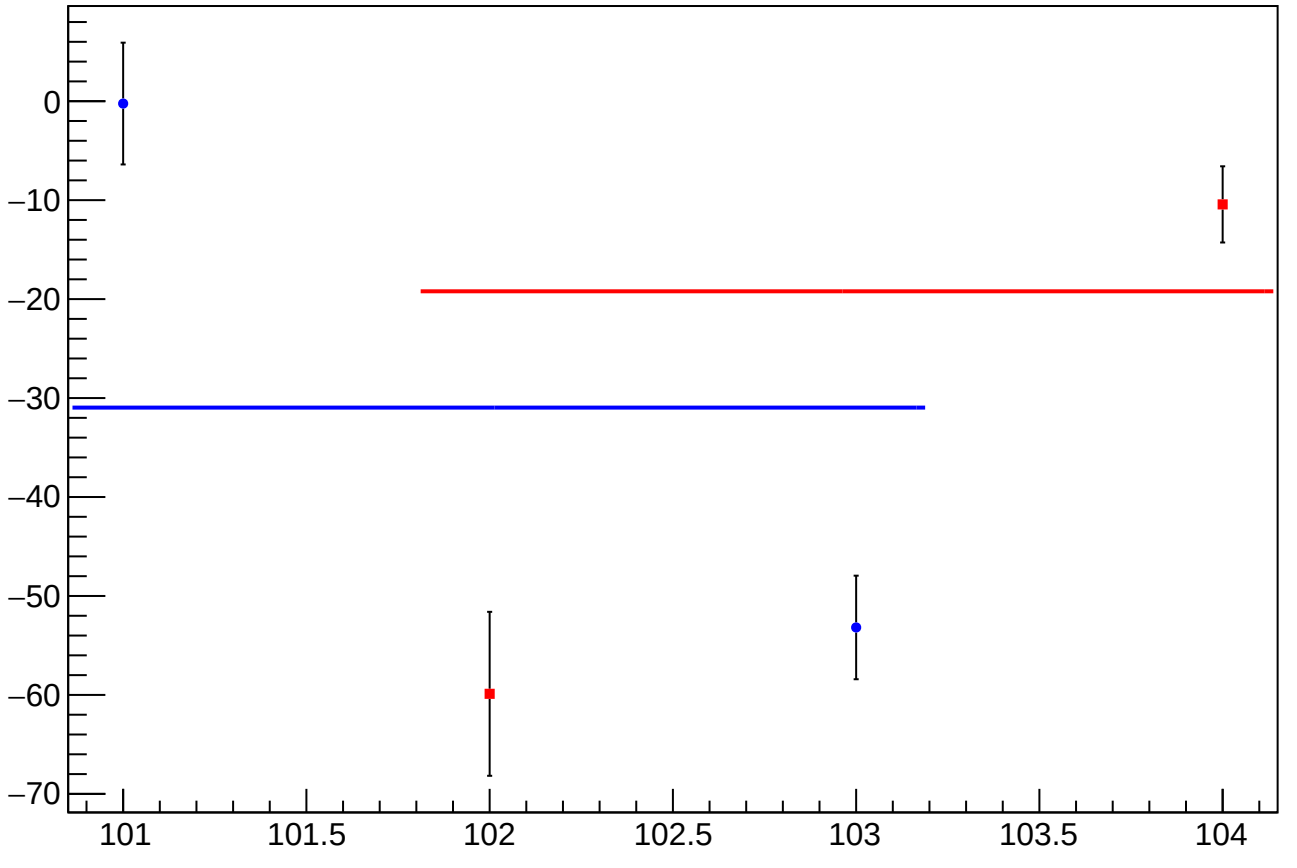
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 54.072+/-4.270 χ^2/NDF: 22.0/3

In: 50.455+/-6.235 χ^2/NDF:21.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 54.072+/-4.270 χ^2/NDF: 22.0/3



Right In: -30.964+/-3.986 χ^2/NDF: 43.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -19.212+/-3.491 χ^2/NDF: 29.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

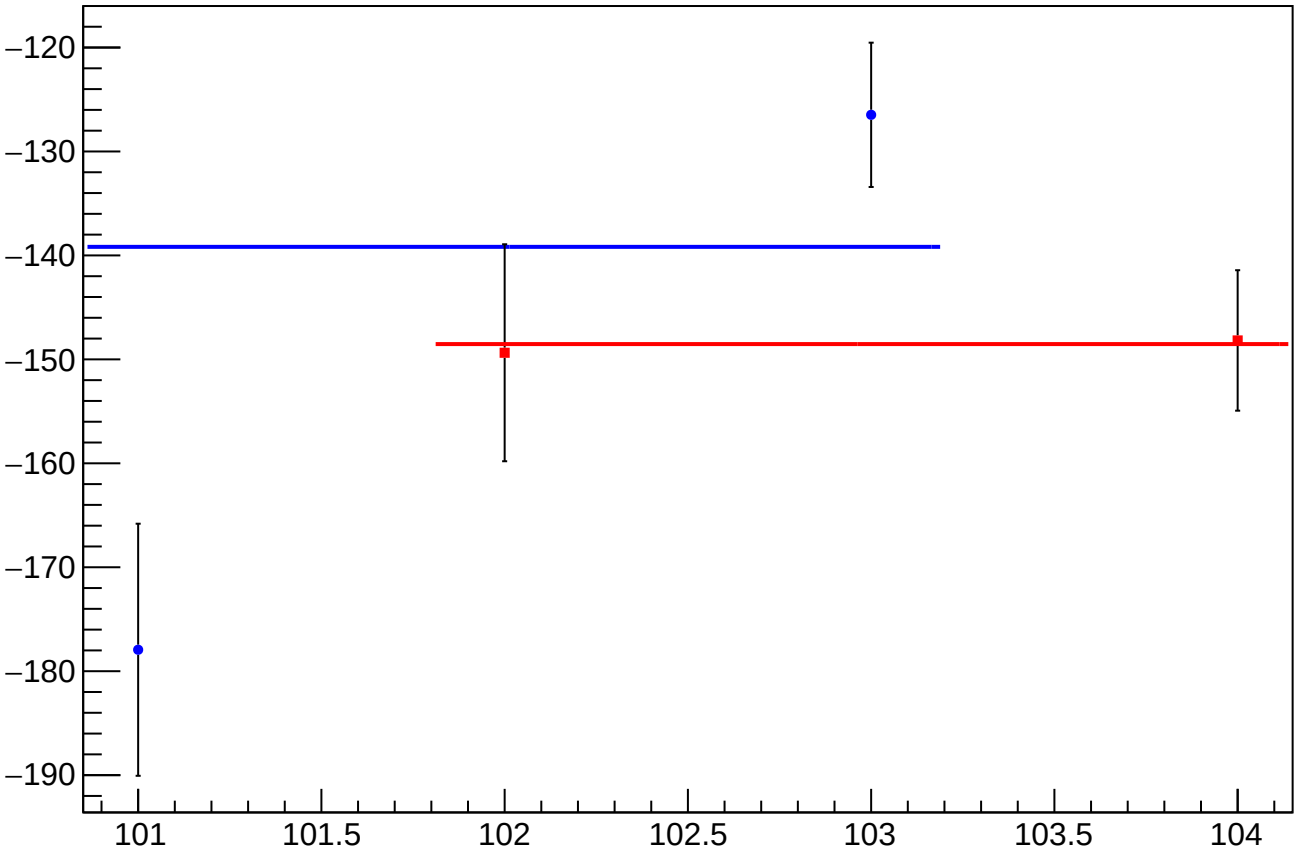
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -24.313+/-2.626 χ^2/NDF: 77.2/3

In: -30.964+/-3.986 χ^2/NDF:43.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -24.313+/-2.626 χ^2/NDF: 77.2/3



Right In: -139.176+/-6.024 χ^2/NDF: 13.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -148.530+/-5.672 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

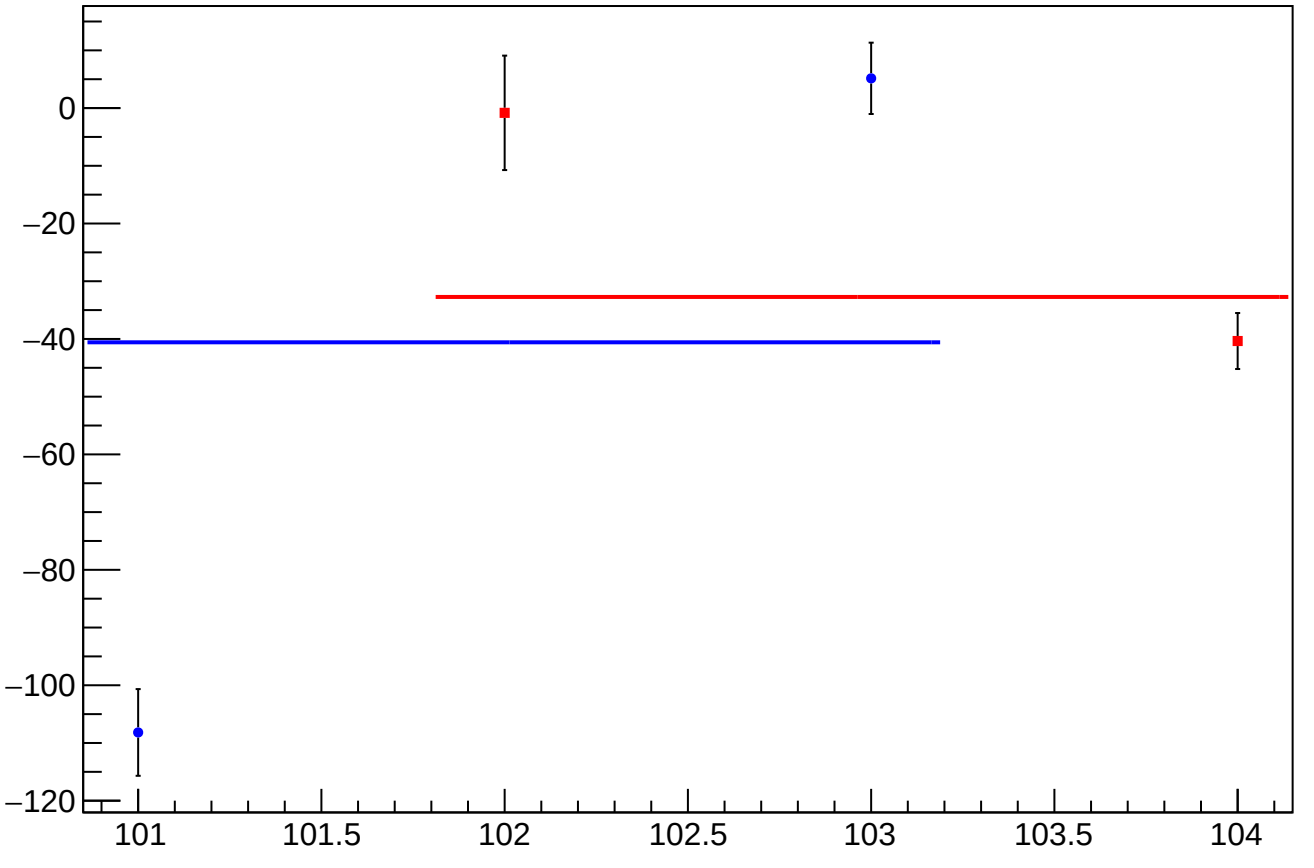
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -144.134+/-4.130 χ^2/NDF: 14.9/3

In: -139.176+/-6.024 χ^2/NDF:13.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -144.134+/-4.130 χ^2/NDF: 14.9/3



Right In: -40.582+/-4.772 χ^2/NDF: 135.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.723+/-4.357 χ^2/NDF: 12.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

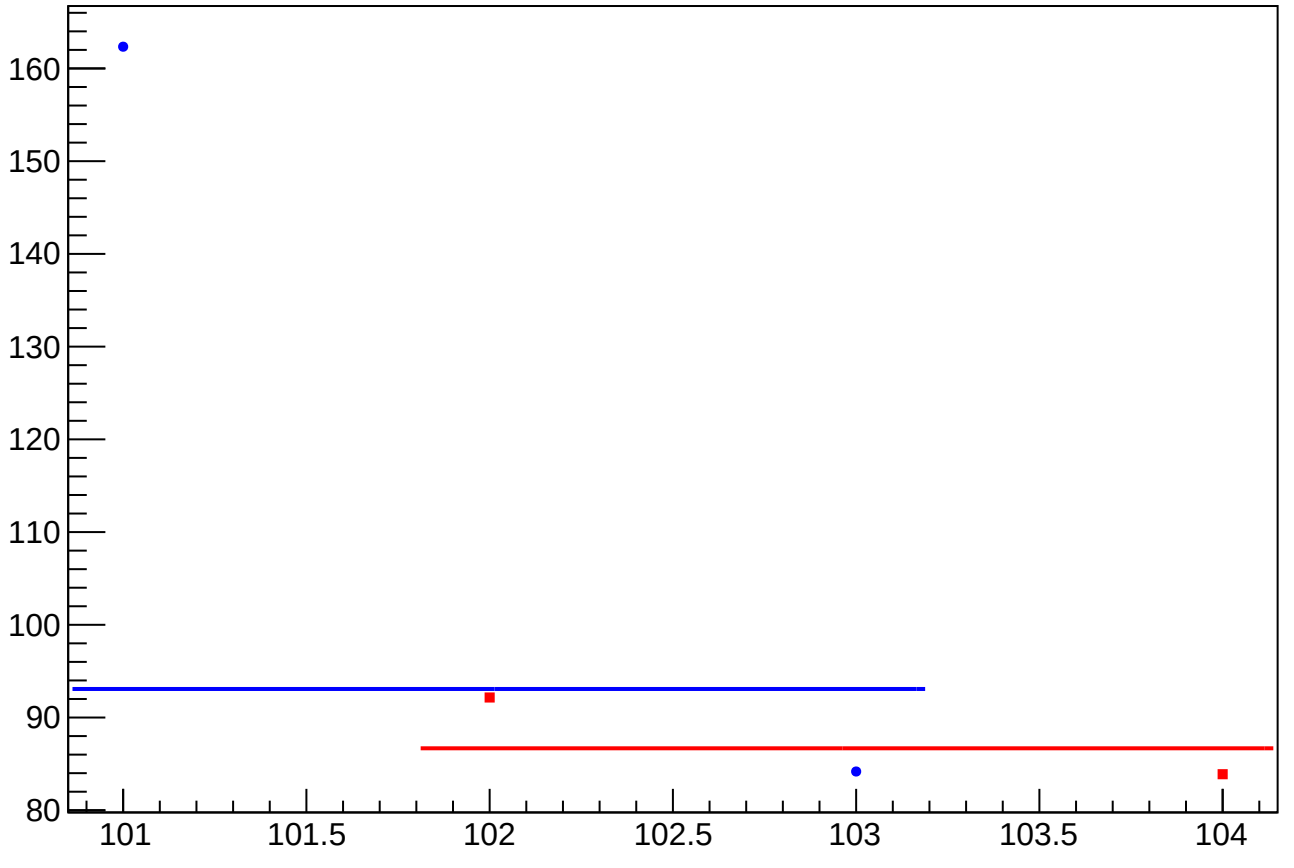
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -36.296+/-3.217 χ^2/NDF: 150.1/3

In: -40.582+/-4.772 χ^2/NDF:135.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -36.296+/-3.217 χ^2/NDF: 150.1/3



Right In: 93.080+/-0.147 χ^2/NDF: 28706.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 86.682+/-0.140 χ^2/NDF: 786.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

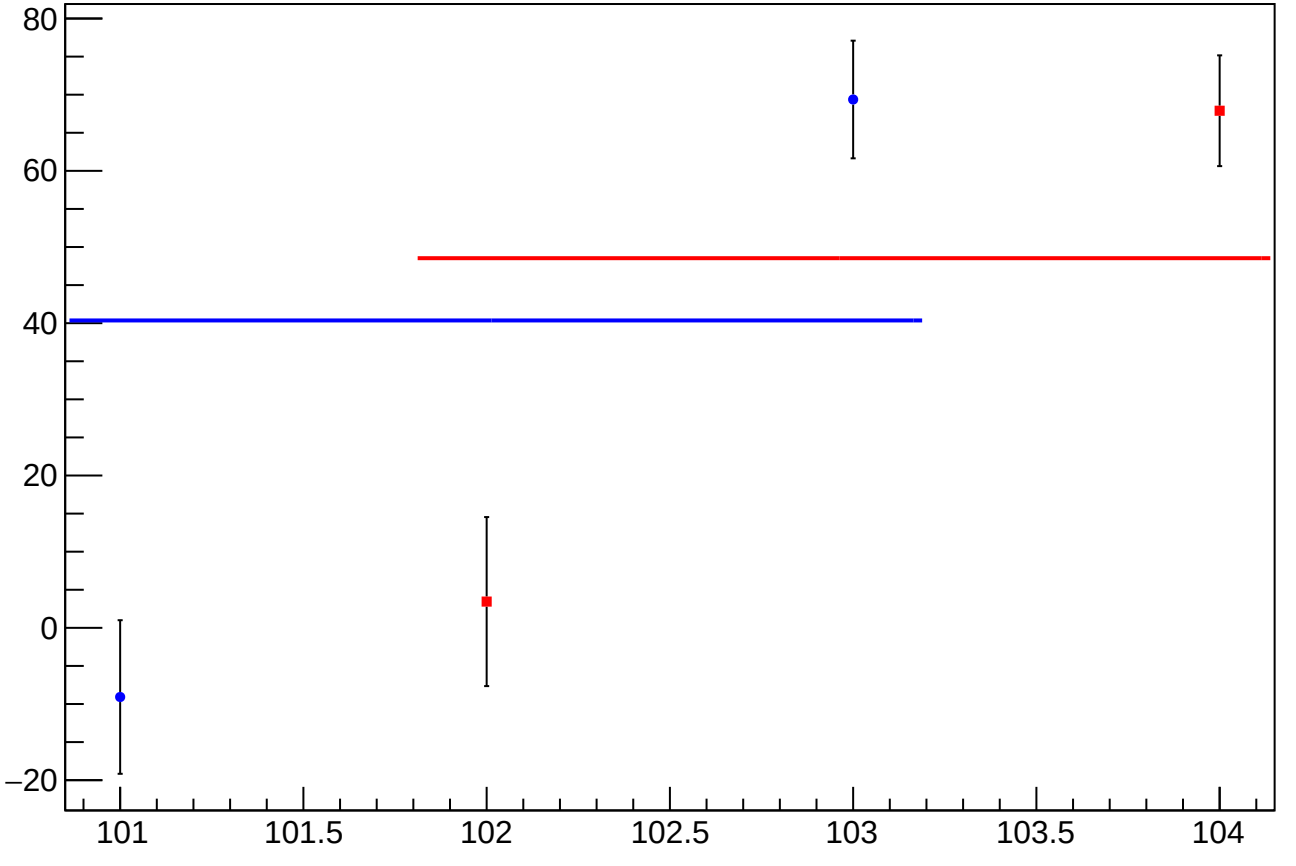
Right: 89.725+/-0.101 χ^2/NDF: 30491.7/3

In: 93.080+/-0.147 χ^2/NDF:28706.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 89.725+/-0.101 χ^2/NDF: 30491.7/3

reg_asym_at1_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 40.359+/-6.132 χ^2/NDF: 38.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 48.533+/-6.082 χ^2/NDF: 23.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

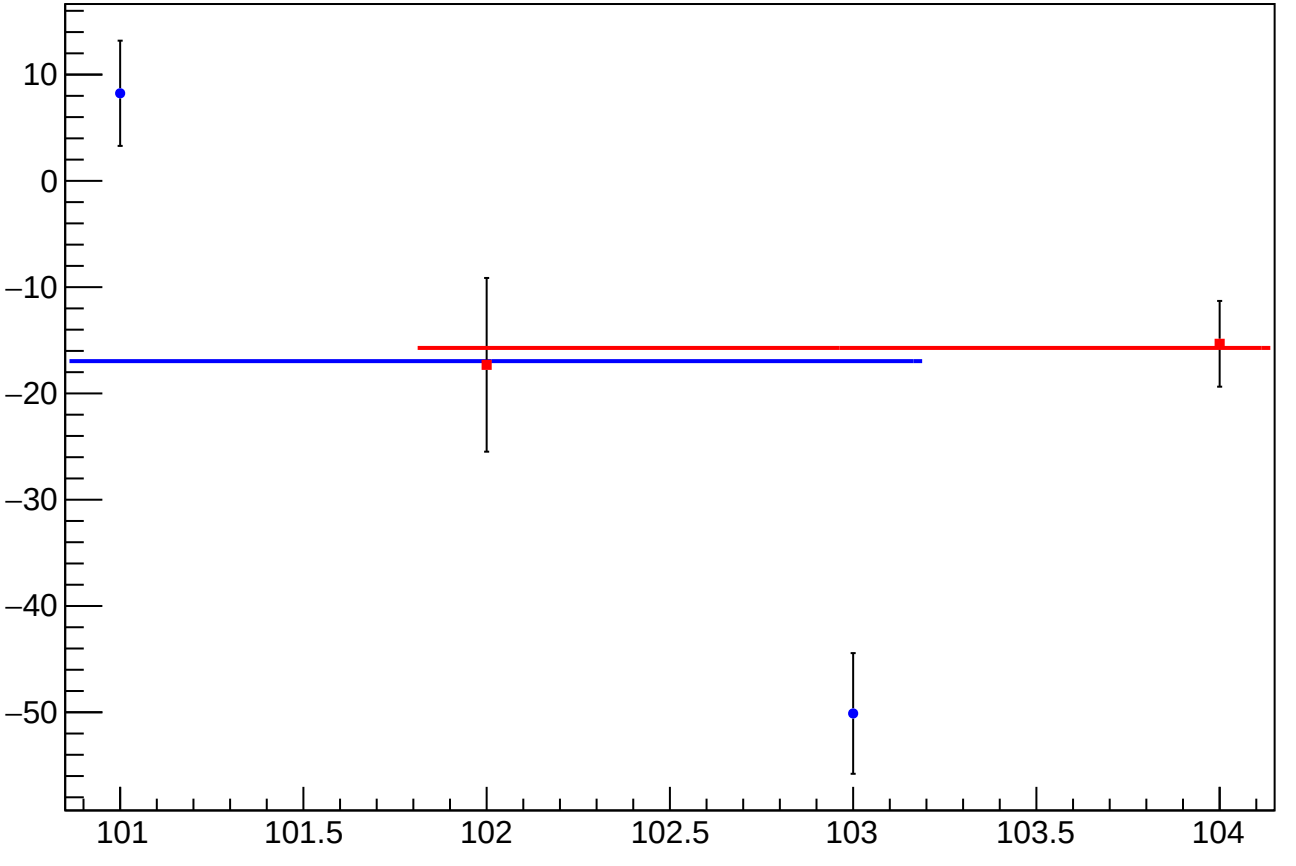
Right: 44.479+/-4.318 χ^2/NDF: 62.6/3

In: 40.359+/-6.132 χ^2/NDF:38.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 44.479+/-4.318 χ^2/NDF: 62.6/3

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.960+/-3.732 χ^2/NDF: 60.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.719+/-3.618 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

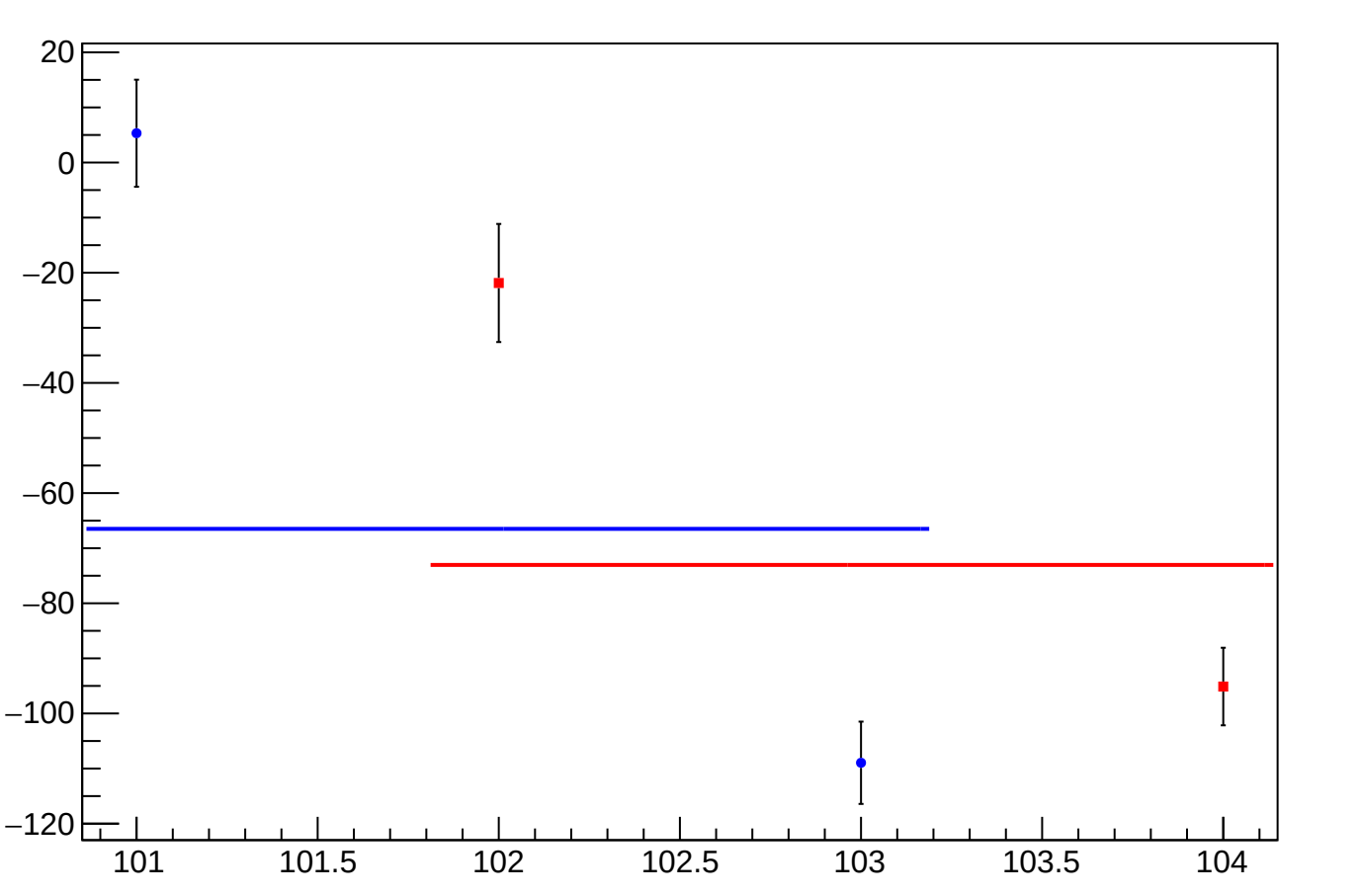
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -16.320+/-2.597 χ^2/NDF: 60.1/3

In: -16.960+/-3.732 χ^2/NDF:60.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -16.320+/-2.597 χ^2/NDF: 60.1/3



Right In: -66.494+/-5.922 χ^2/NDF: 86.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -73.042+/-5.885 χ^2/NDF: 32.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

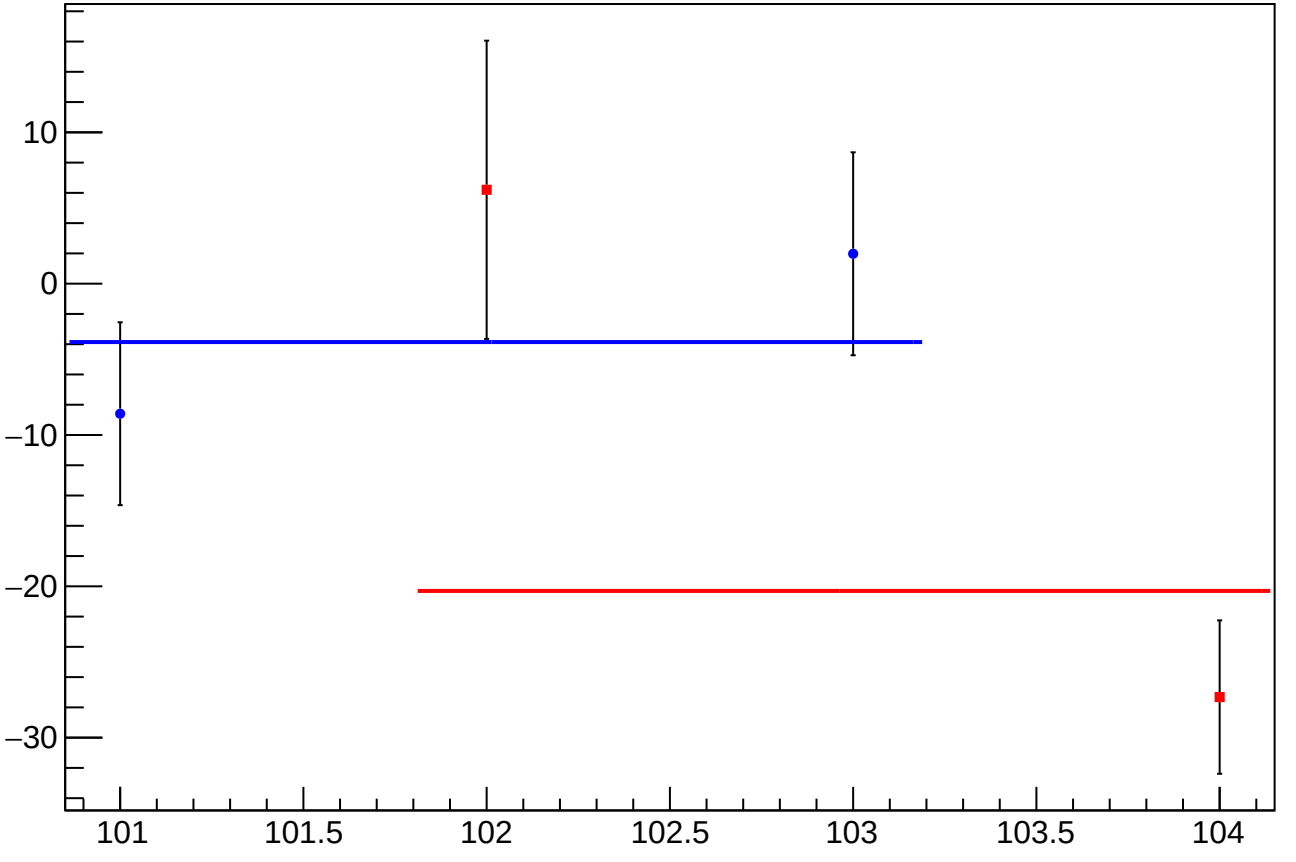
Right: -69.788+/-4.174 χ^2/NDF: 120.2/3

In: -66.494+/-5.922 χ^2/NDF:86.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -69.788+/-4.174 χ^2/NDF: 120.2/3

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.859+/-4.489 χ^2/NDF: 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -20.304+/-4.508 χ^2/NDF: 9.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

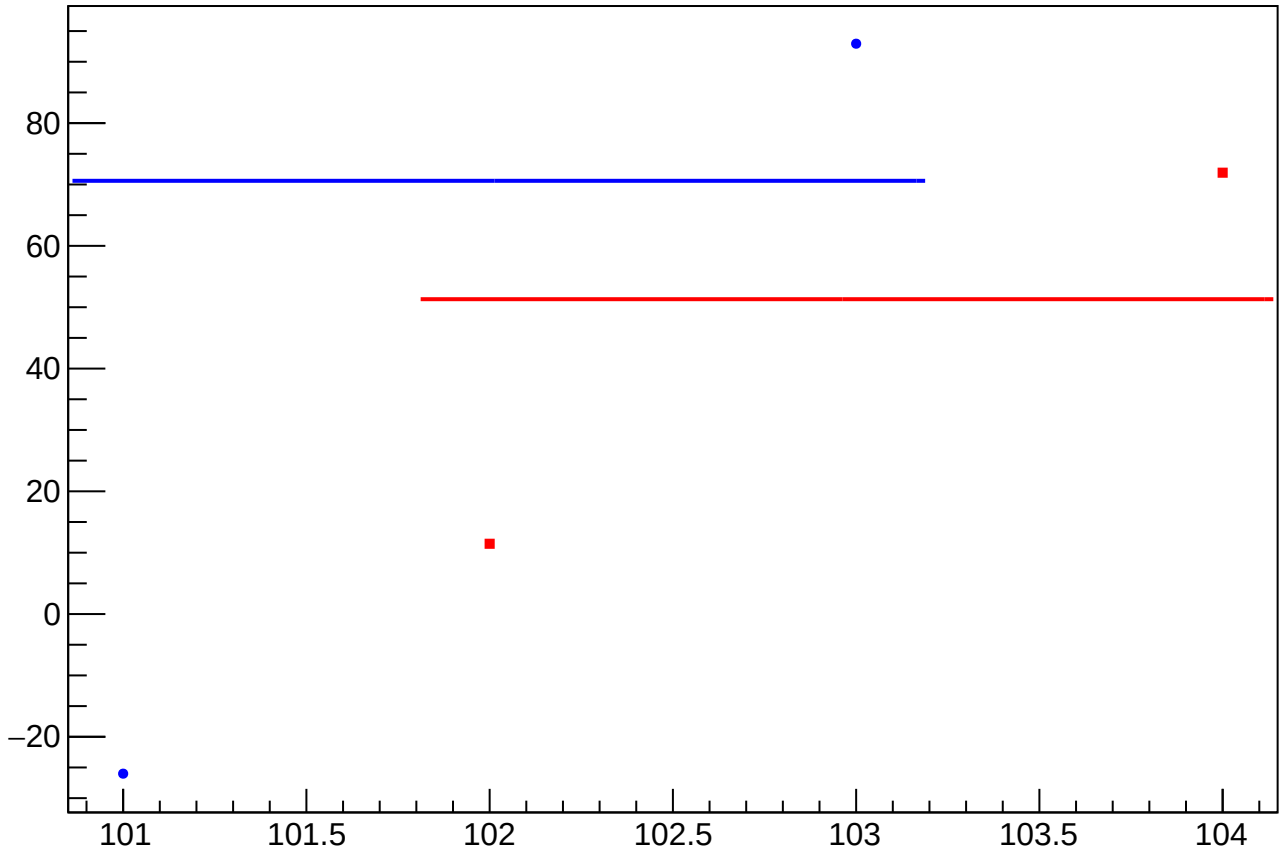
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -12.047+/-3.181 χ^2/NDF: 17.2/3

In: -3.859+/-4.489 χ^2/NDF:1.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -12.047+/-3.181 χ^2/NDF: 17.2/3



Right In: 70.599+/-0.151 χ^2/NDF: 94745.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 51.307+/-0.145 χ^2/NDF: 38901.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

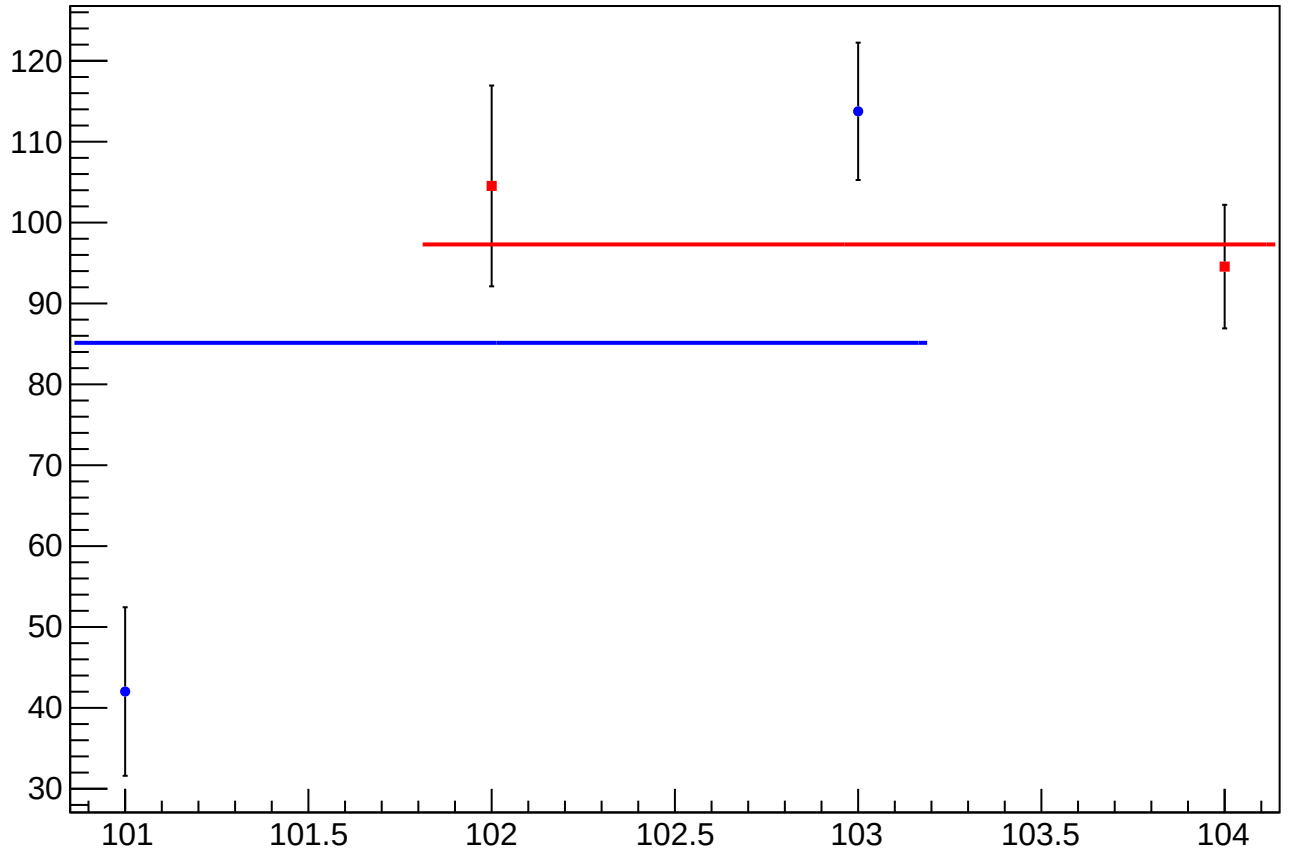
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 60.588+/-0.105 χ^2/NDF: 142124.4/3

In: 70.599+/-0.151 χ^2/NDF:94745.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 60.588+/-0.105 χ^2/NDF: 142124.4/3



Right In: 85.133+/-6.582 χ^2/NDF: 28.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 97.297+/-6.506 χ^2/NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

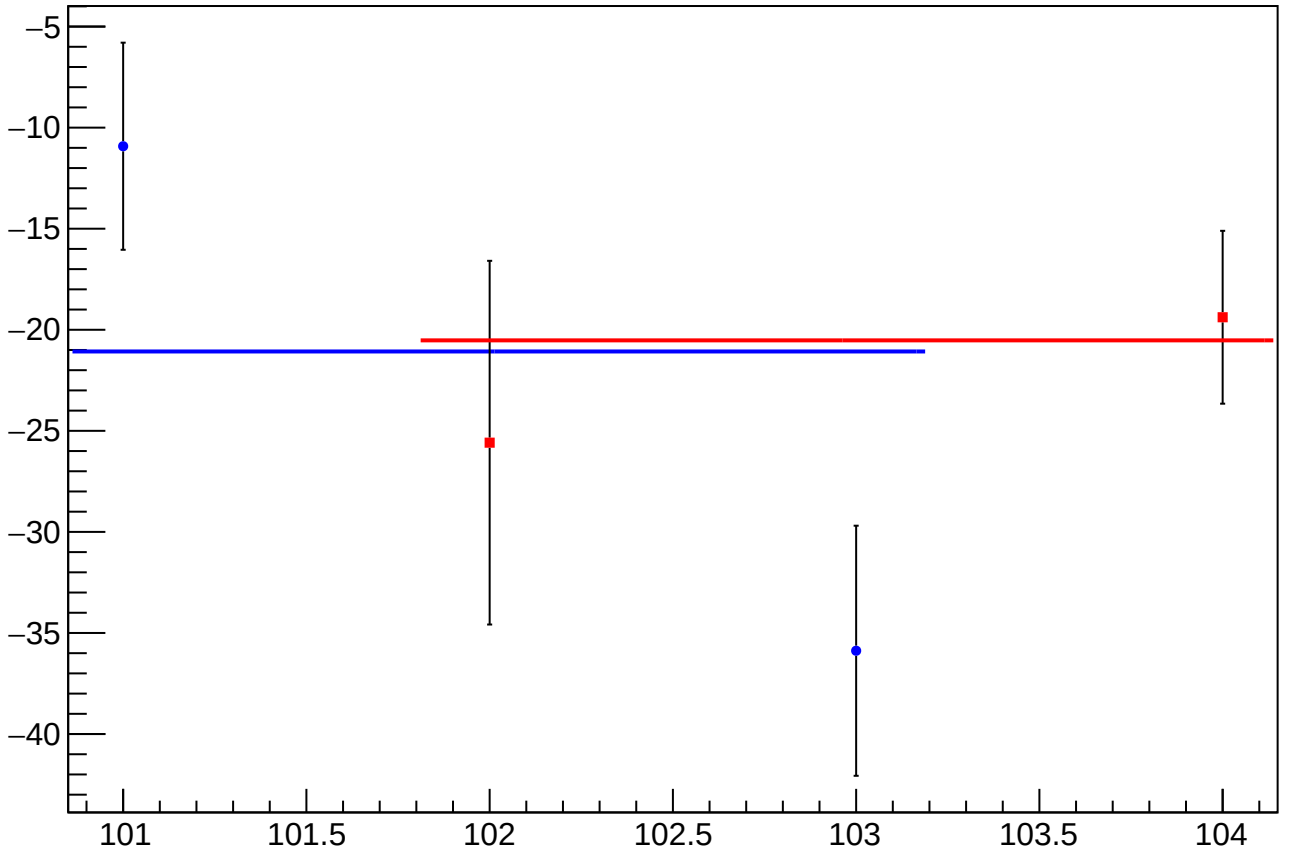
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 91.285+/-4.627 χ^2/NDF: 30.7/3

In: 85.133+/-6.582 χ^2/NDF:28.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 91.285+/-4.627 χ^2/NDF: 30.7/3



Right In: -21.073+/-3.946 χ^2/NDF: 9.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -20.524+/-3.862 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

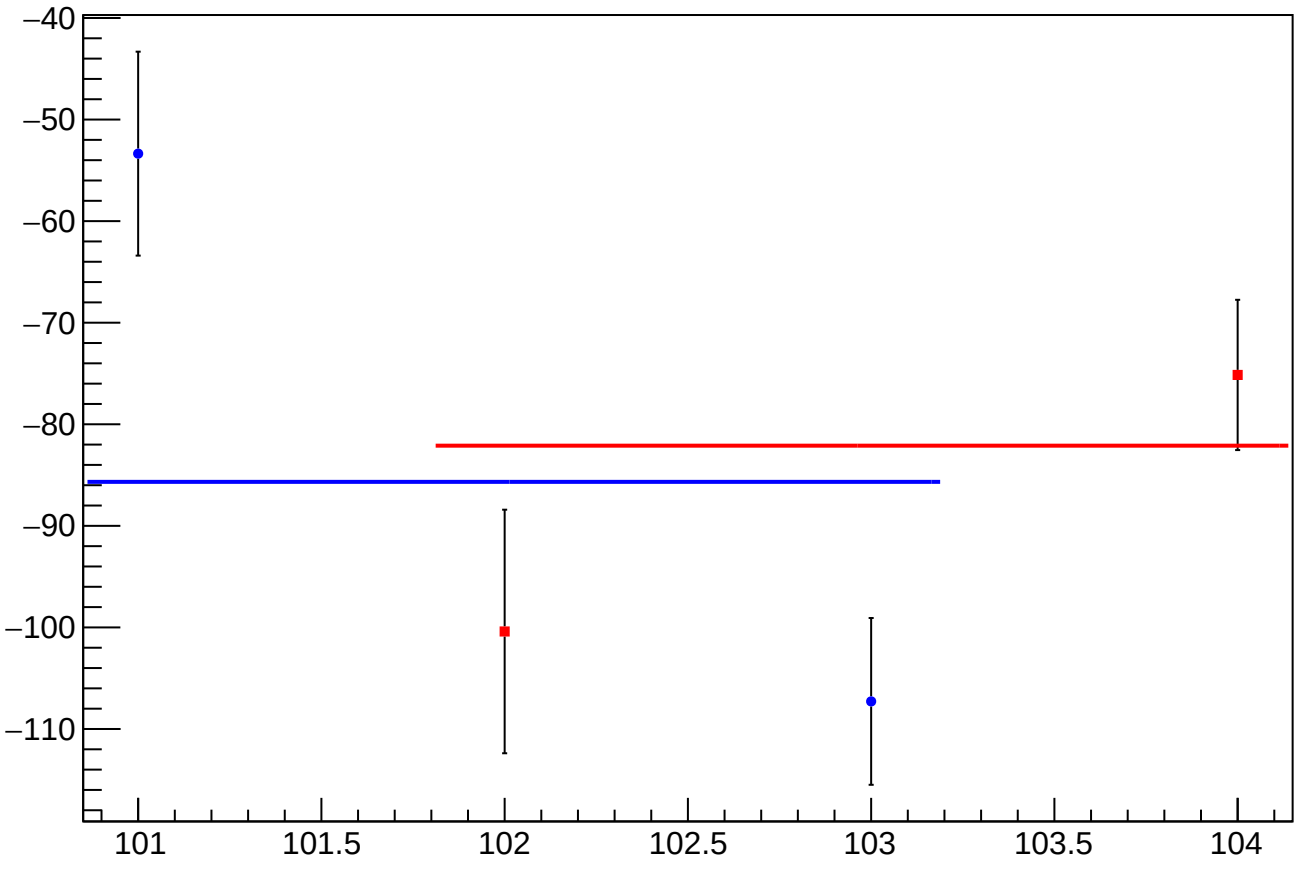
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -20.793+/-2.760 χ^2/NDF: 10.1/3

In: -21.073+/-3.946 χ^2/NDF:9.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -20.793+/-2.760 χ^2/NDF: 10.1/3



Right In: -85.669+/-6.356 χ^2/NDF: 17.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -82.106+/-6.295 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

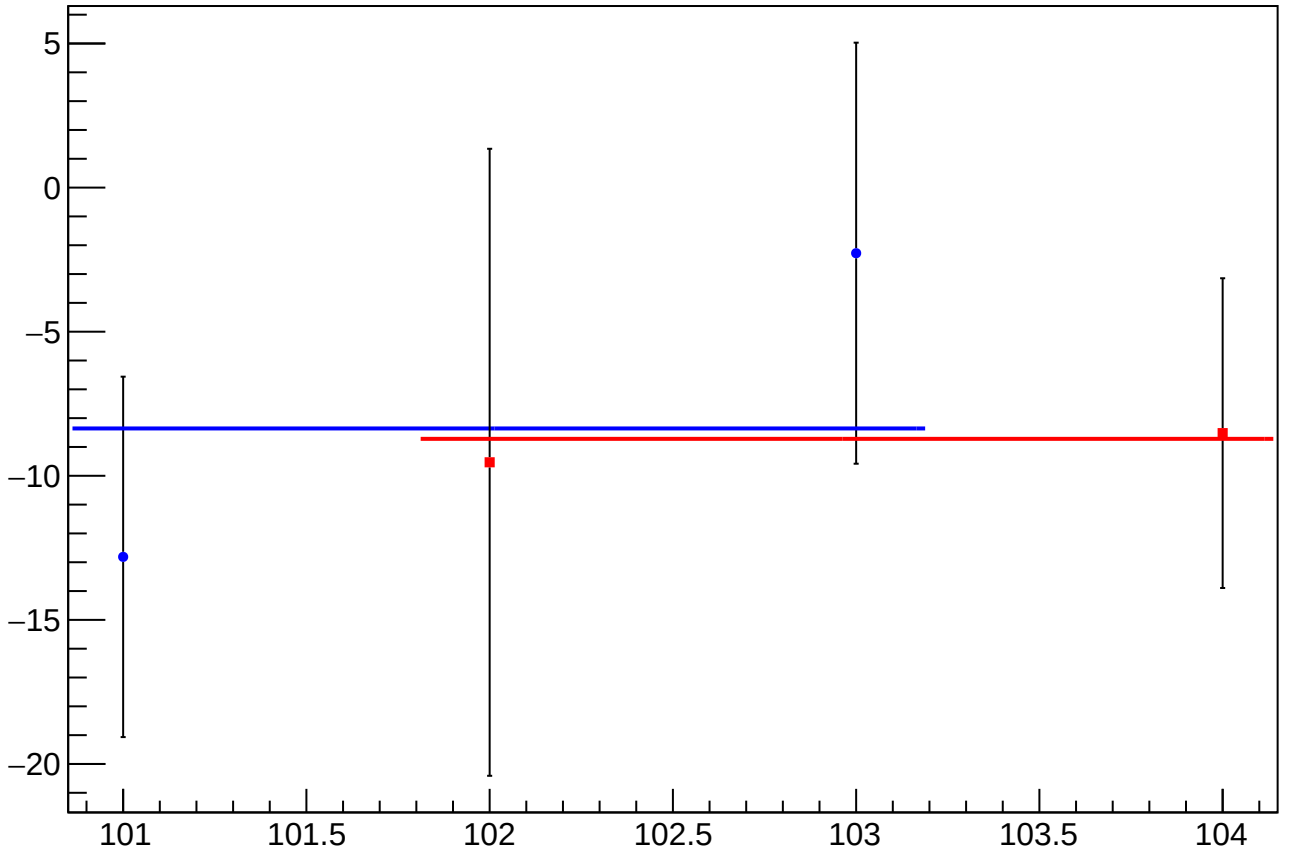
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -83.871+/-4.473 χ^2/NDF: 20.7/3

In: -85.669+/-6.356 χ^2/NDF:17.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -83.871+/-4.473 χ^2/NDF: 20.7/3



Right In: -8.358+/-4.750 χ^2/NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -8.718+/-4.818 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

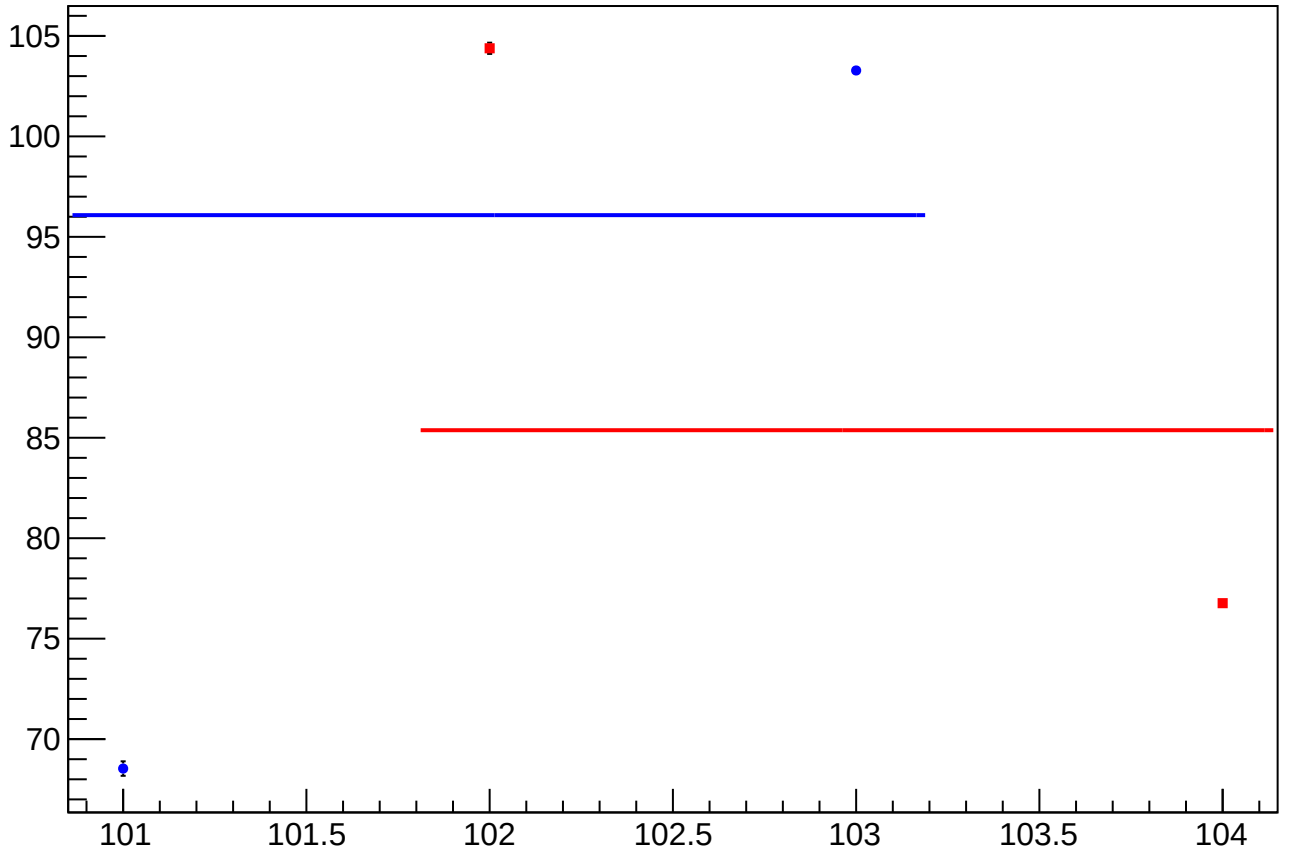
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -8.535+/-3.383 χ^2/NDF: 1.2/3

In: -8.358+/-4.750 χ^2/NDF:1.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.535+/-3.383 χ^2/NDF: 1.2/3



Right In: 96.080+/-0.164 χ^2/NDF: 7377.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 85.376+/-0.156 χ^2/NDF: 6726.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

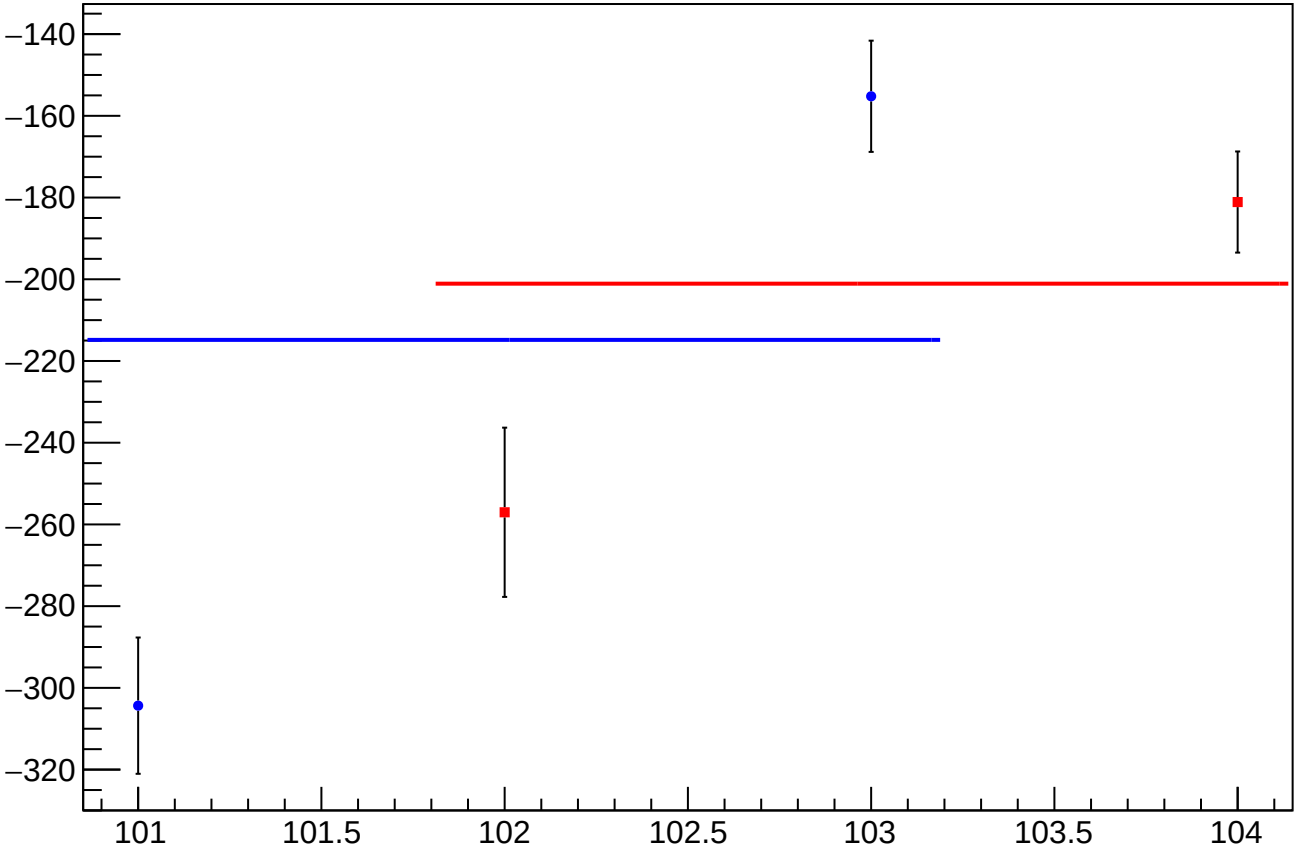
Right: 90.461+/-0.113 χ^2/NDF: 16342.2/3

In: 96.080+/-0.164 χ^2/NDF:7377.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 90.461+/-0.113 χ^2/NDF: 16342.2/3

reg_asym_at2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: -214.836+/-10.544 χ^2/NDF: 48.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -201.078+/-10.624 χ^2/NDF: 9.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

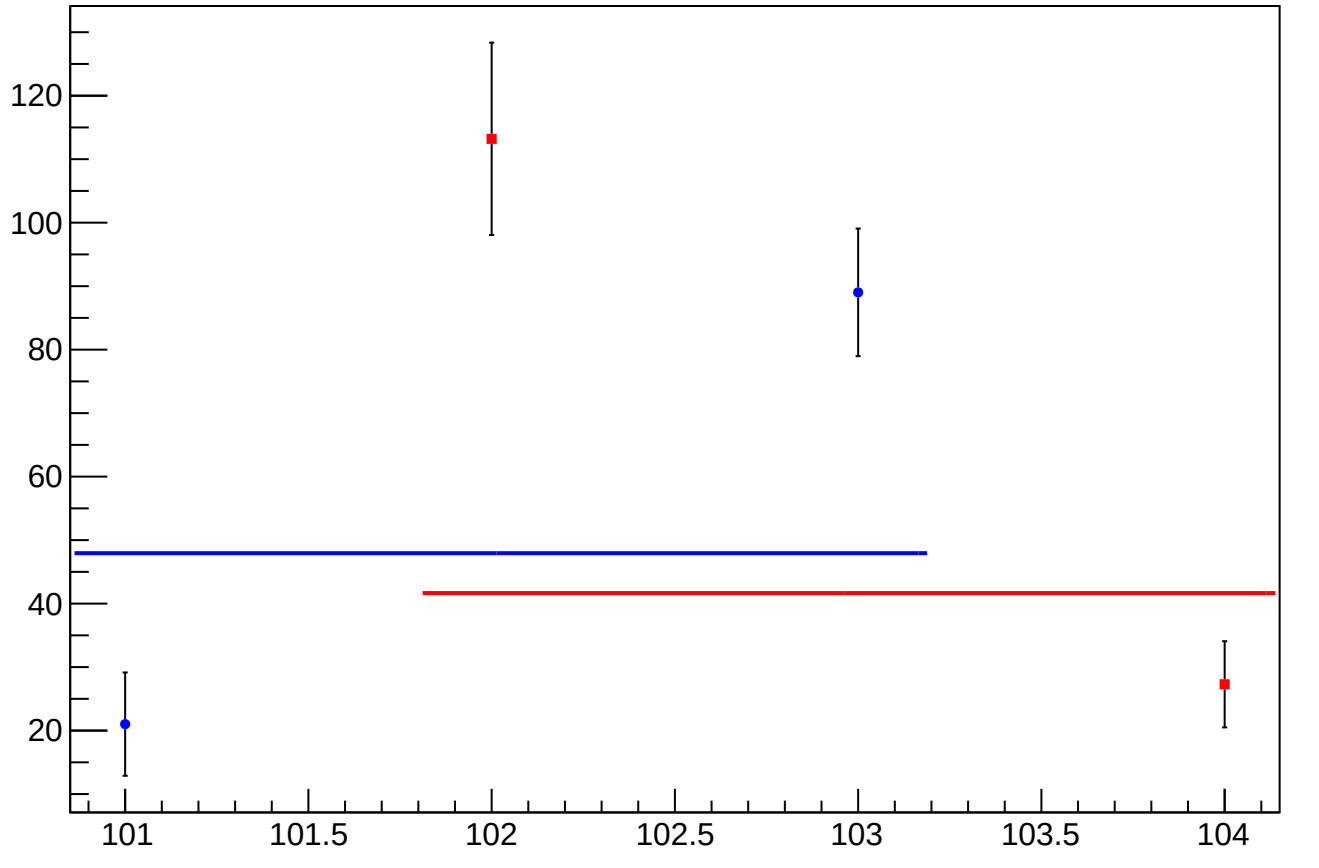
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -208.008+/-7.484 χ^2/NDF: 58.8/3

In: -214.836+/-10.544 χ^2/NDF:48.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -208.008+/-7.484 χ^2/NDF: 58.8/3



Right In: 47.943+/-6.325 χ^2/NDF: 27.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 41.657+/-6.194 χ^2/NDF: 26.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

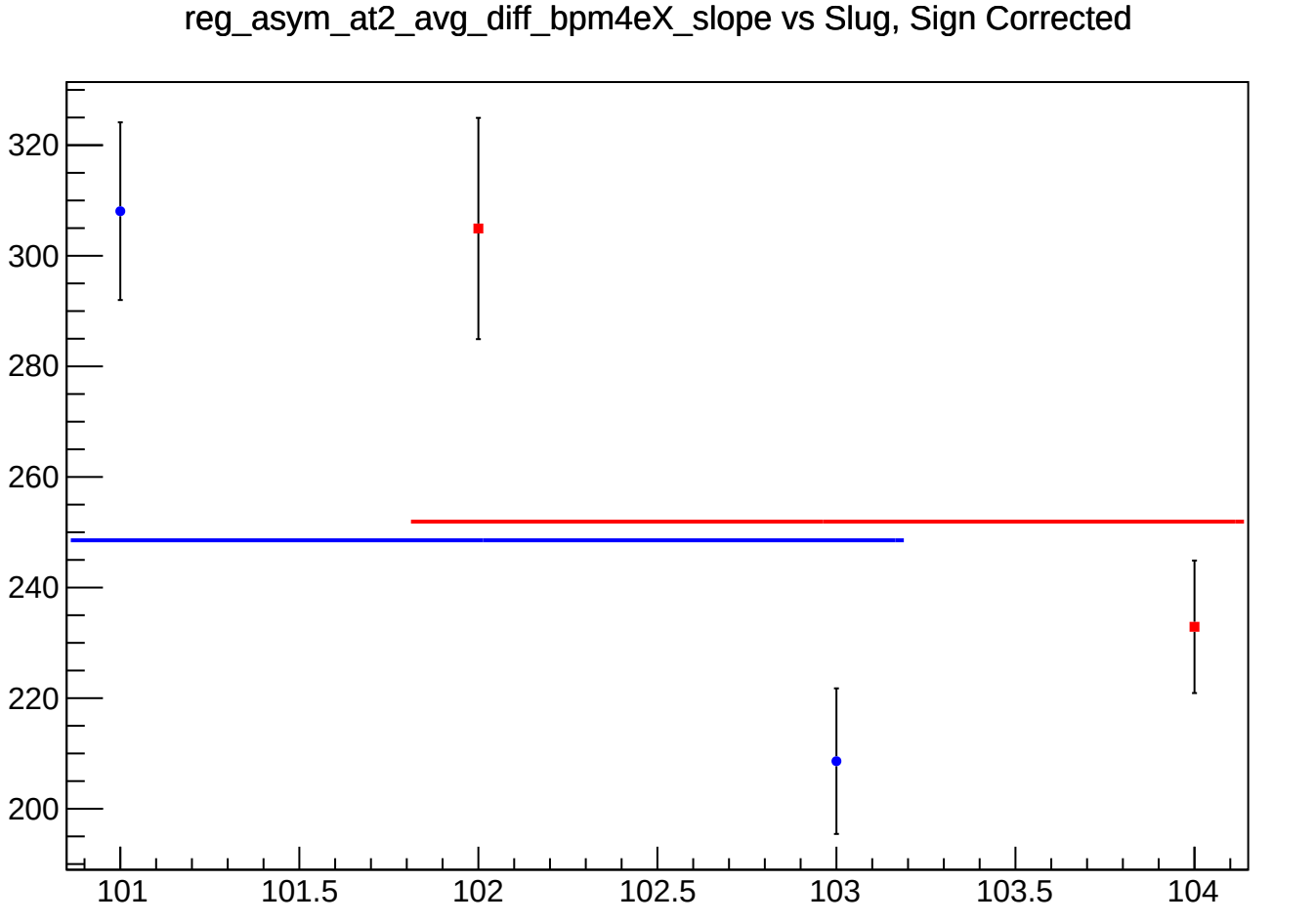
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 44.734+/-4.425 χ^2/NDF: 54.9/3

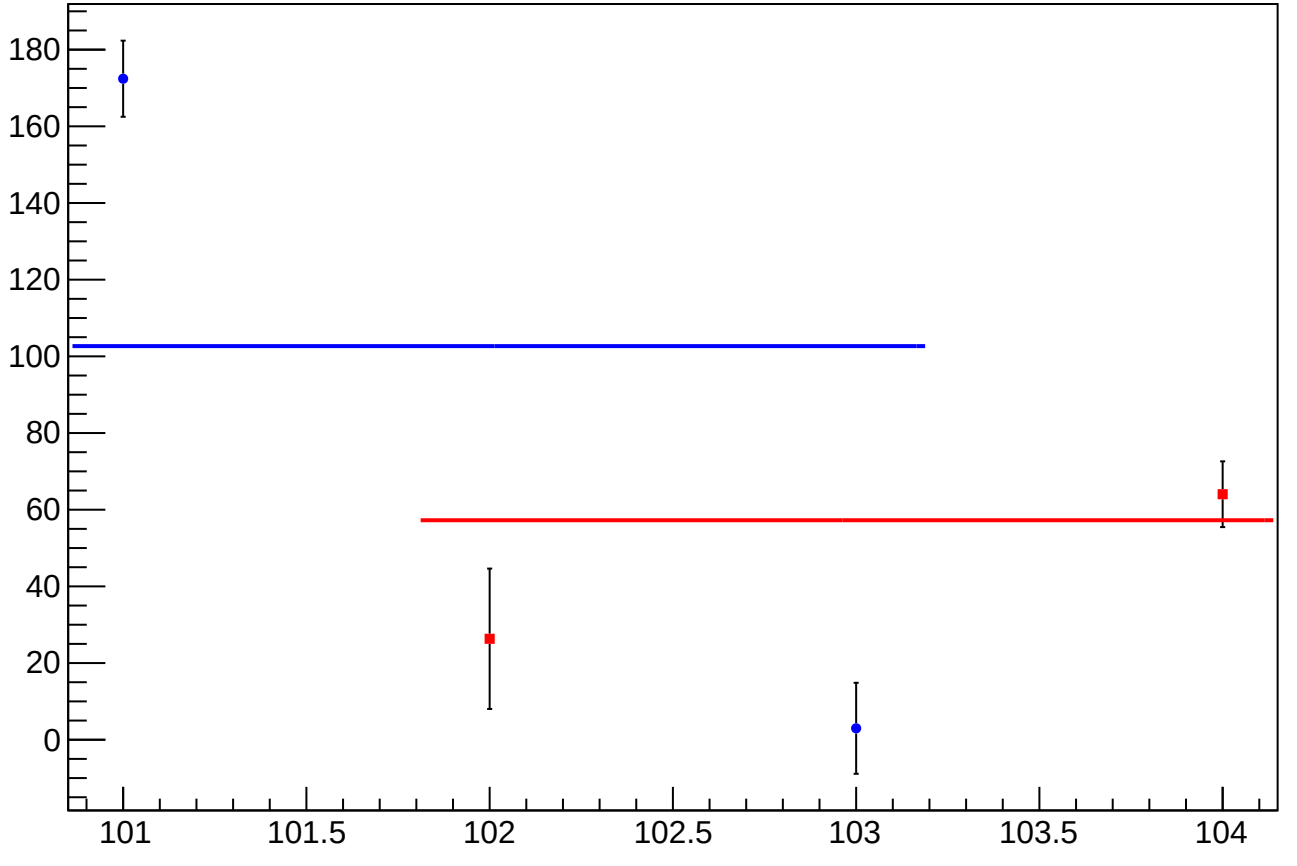
In: 47.943+/-6.325 χ^2/NDF:27.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 44.734+/-4.425 χ^2/NDF: 54.9/3


reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected
320
300
280
260
240
220
200
101
101.5
102
102.5
103
103.5
104
Right In: 248.548+/-10.182 χ²/NDF: 22.9/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 251.919+/-10.280 χ²/NDF: 9.5/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 250.218+/-7.234 χ²/NDF: 32.5/3
In: 248.548+/-10.182 χ²/NDF:22.9/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 250.218+/-7.234 χ²/NDF: 32.5/3

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 102.669+/-7.614 χ^2/NDF: 119.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 57.253+/-7.765 χ^2/NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

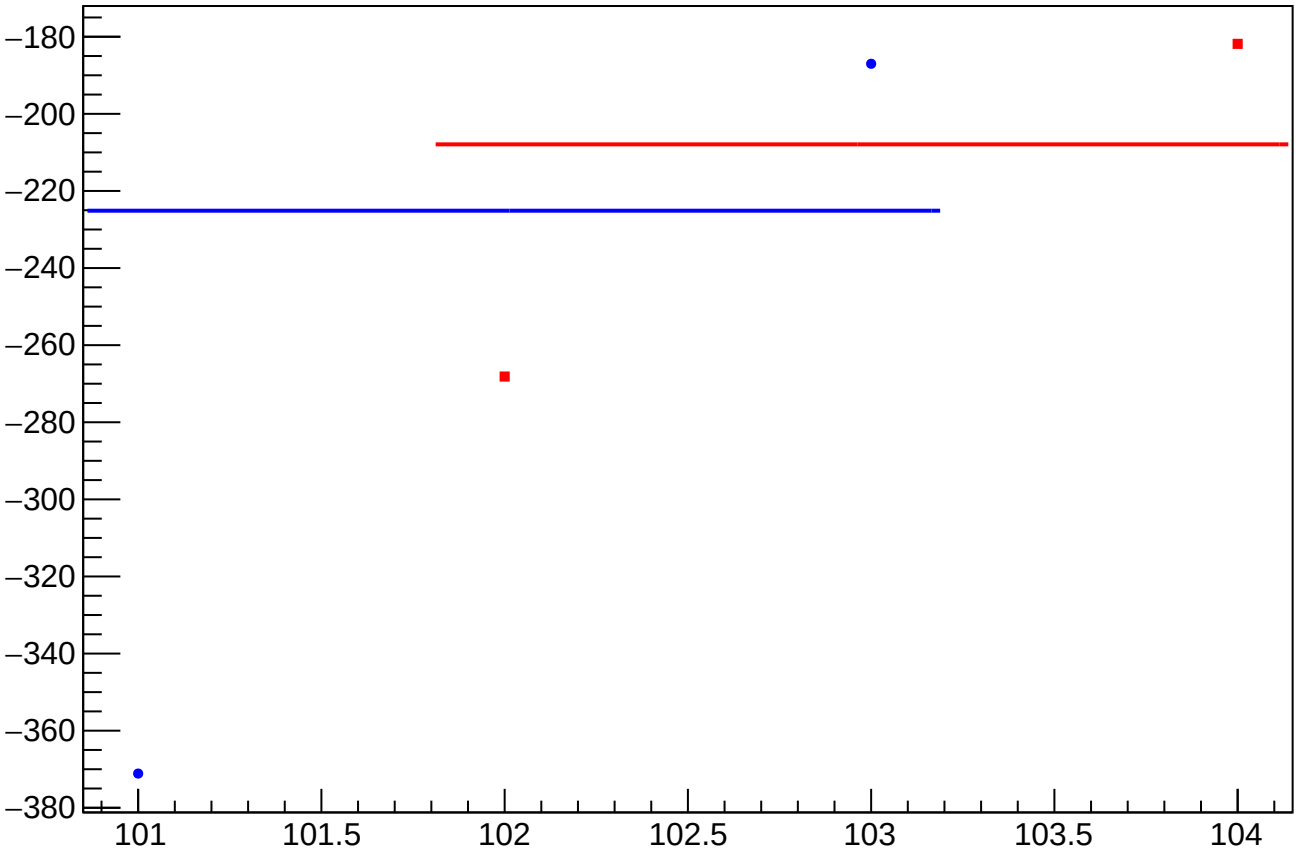
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 80.405+/-5.437 χ^2/NDF: 140.8/3

In: 102.669+/-7.614 χ^2/NDF:119.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 80.405+/-5.437 χ^2/NDF: 140.8/3



Right In: -225.123+/-0.263 χ^2/NDF: 80345.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -207.915+/-0.256 χ^2/NDF: 23996.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

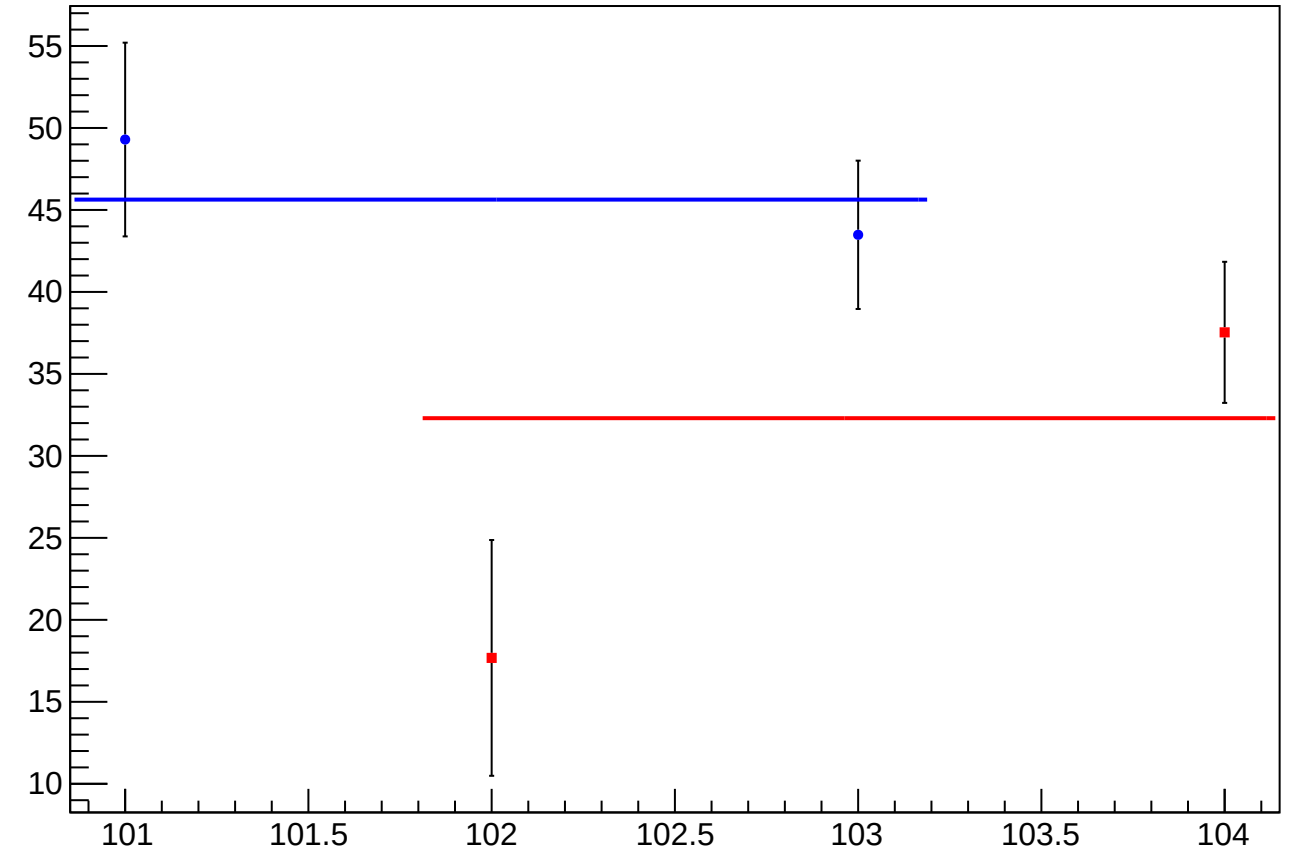
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -216.275+/-0.183 χ^2/NDF: 106540.8/3

In: -225.123+/-0.263 χ^2/NDF:80345.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -216.275+/-0.183 χ^2/NDF: 106540.8/3



Right In: 45.631+/-3.591 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 32.300+/-3.692 χ^2/NDF: 5.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

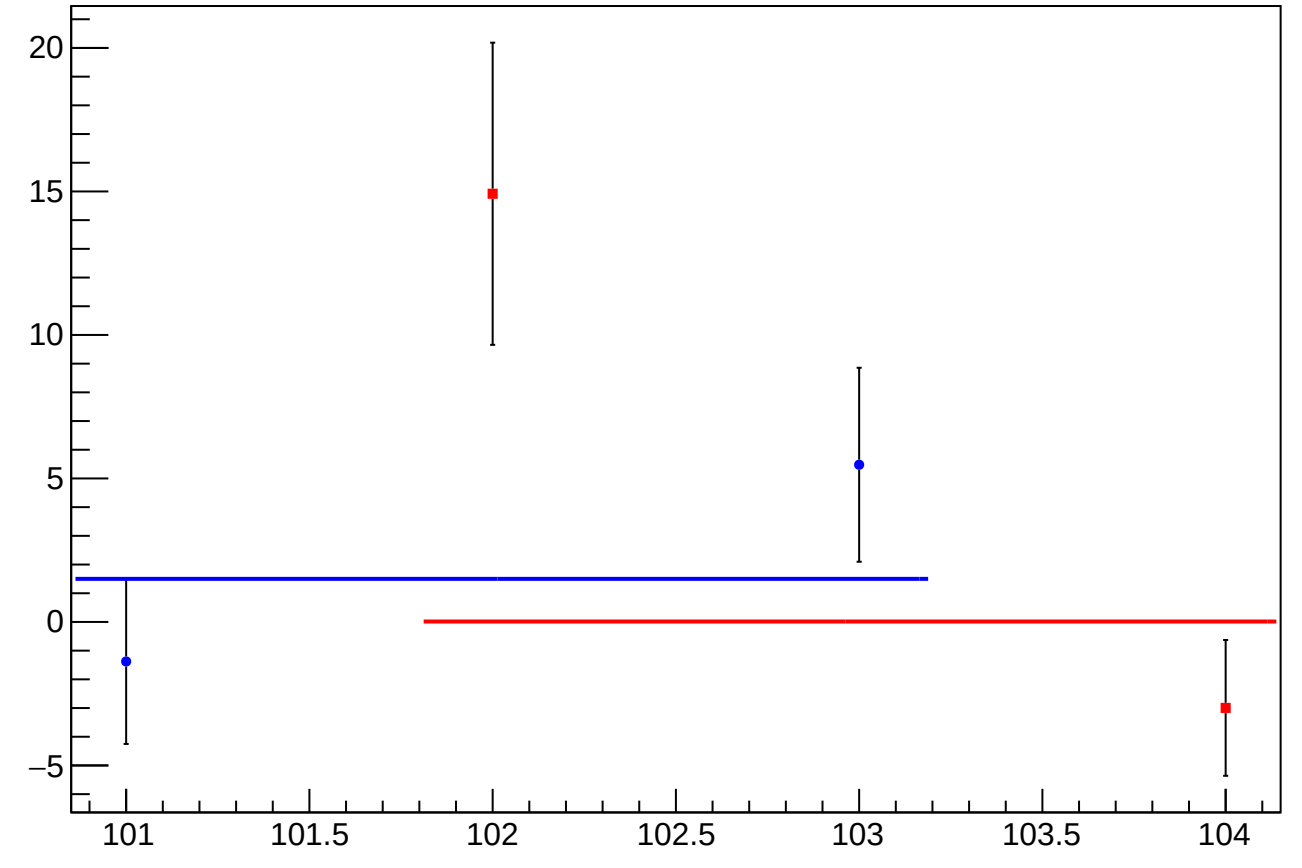
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 39.150+/-2.574 χ^2/NDF: 12.9/3

In: 45.631+/-3.591 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 39.150+/-2.574 χ^2/NDF: 12.9/3



Right In: 1.501+/-2.190 χ^2/NDF: 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.015+/-2.158 χ^2/NDF: 9.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

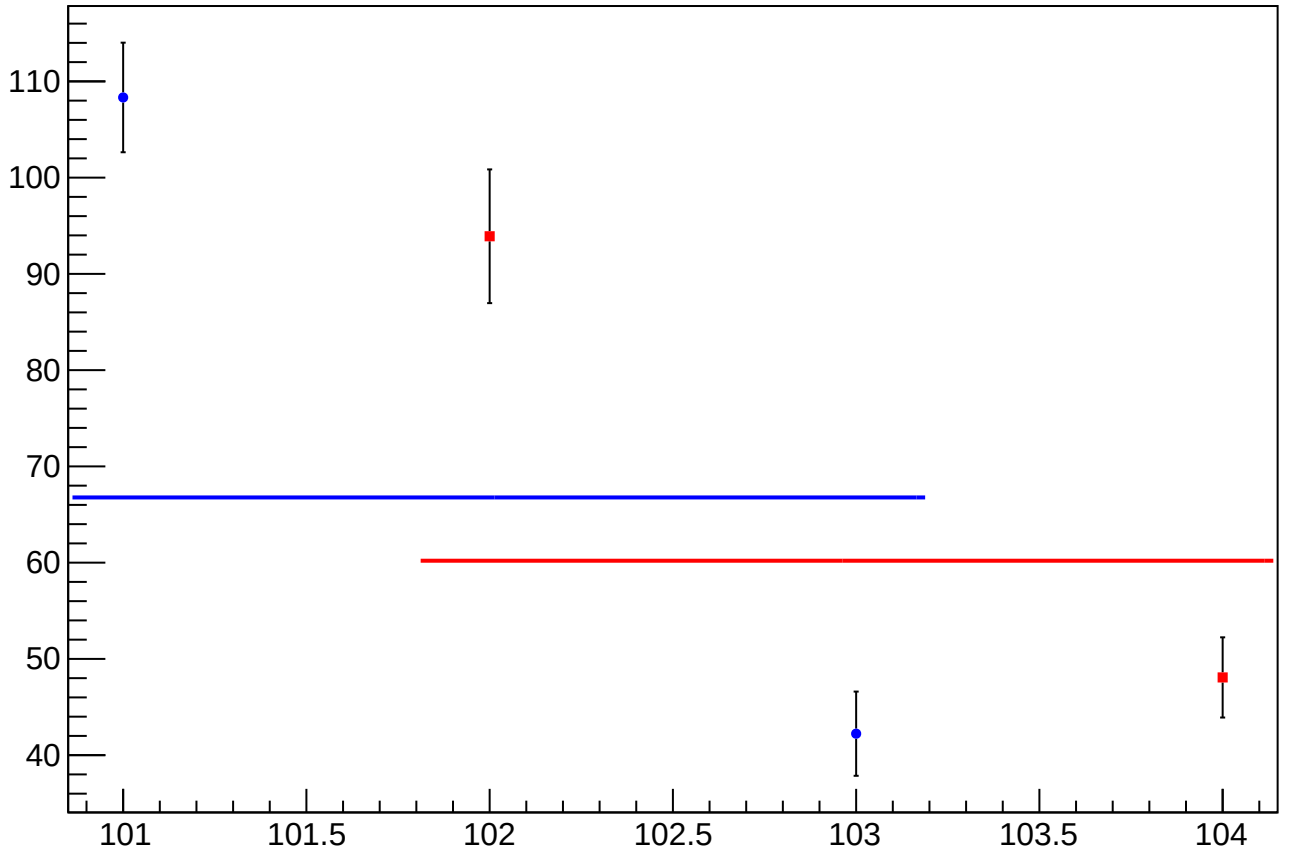
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.747+/-1.537 χ^2/NDF: 12.3/3

In: 1.501+/-2.190 χ^2/NDF:2.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.747+/-1.537 χ^2/NDF: 12.3/3



Right In: 66.775+/-3.469 χ^2/NDF: 84.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 60.201+/-3.573 χ^2/NDF: 32.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

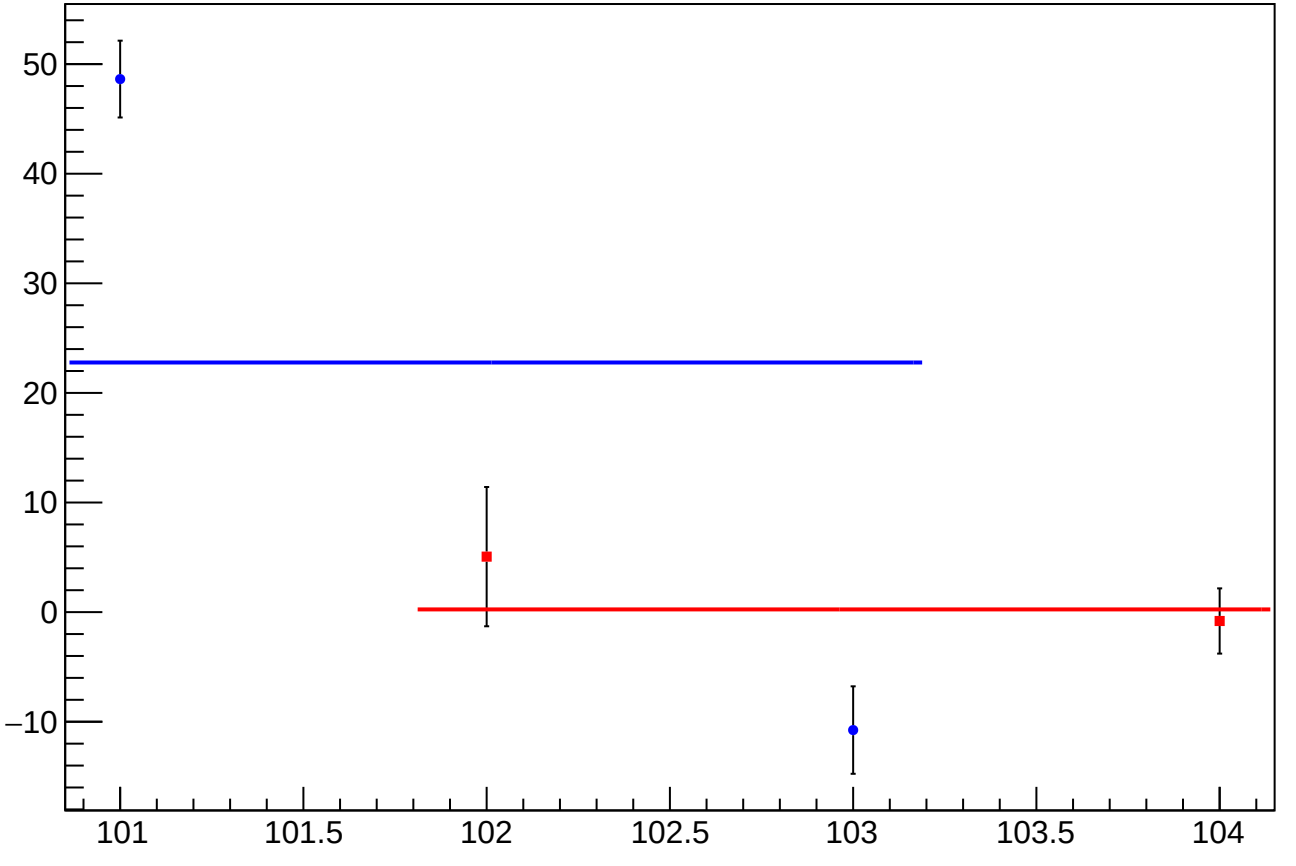
Right: 63.585+/-2.489 χ^2/NDF: 118.5/3

In: 66.775+/-3.469 χ^2/NDF:84.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 63.585+/-2.489 χ^2/NDF: 118.5/3

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.776+/-2.633 χ^2/NDF: 125.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.247+/-2.695 χ^2/NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

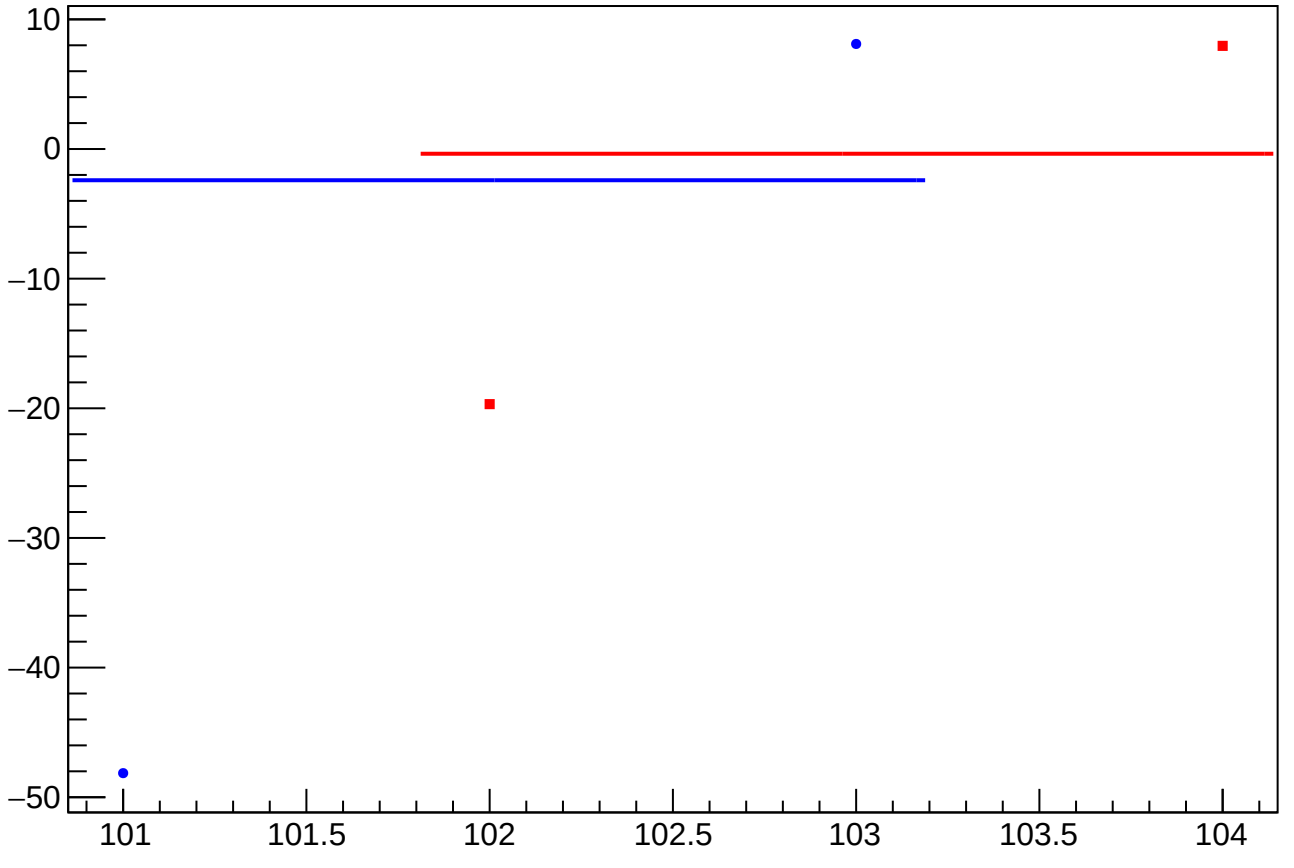
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 11.773+/-1.883 χ^2/NDF: 161.5/3

In: 22.776+/-2.633 χ^2/NDF:125.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 11.773+/-1.883 χ^2/NDF: 161.5/3



Right In: -2.409+/-0.089 χ^2/NDF: 61378.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -0.365+/-0.088 χ^2/NDF: 20559.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

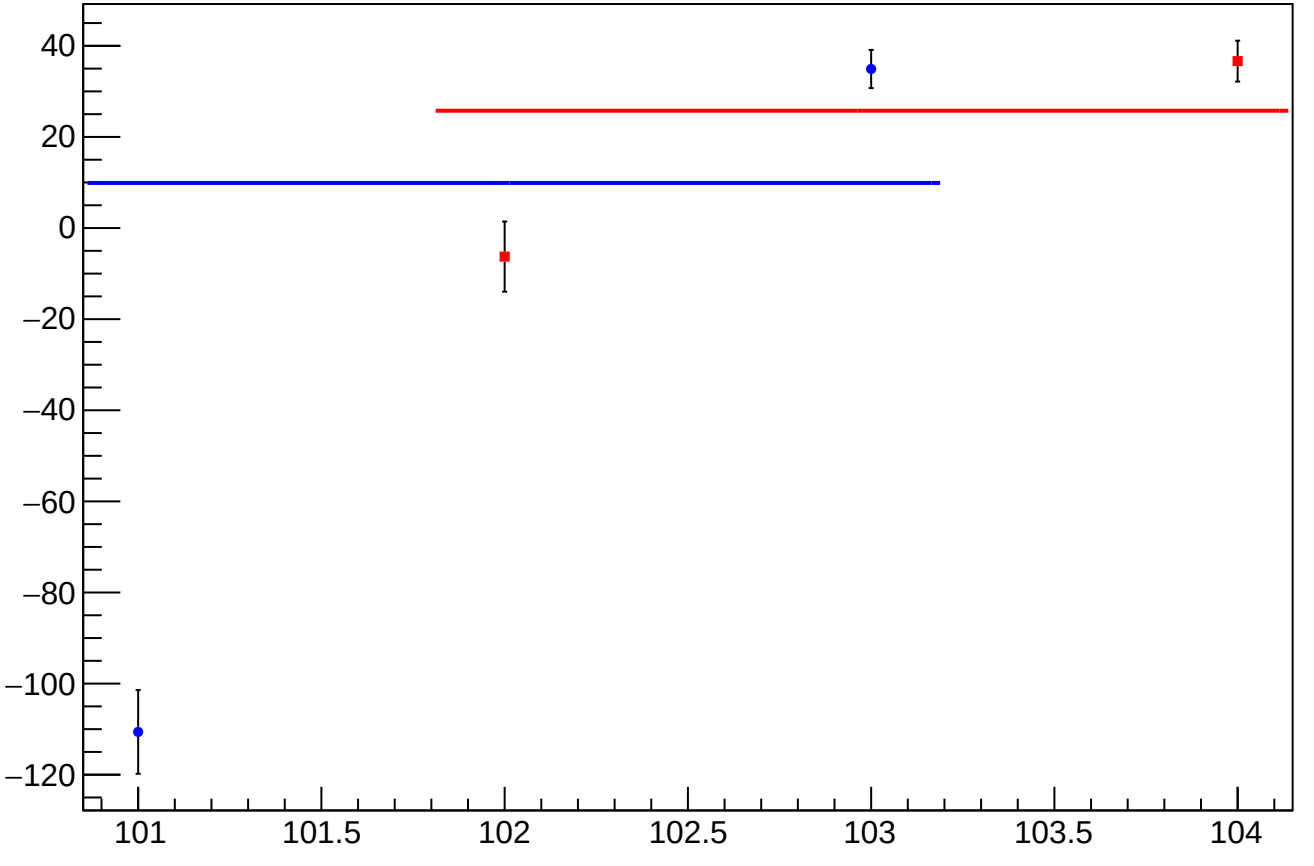
Right: -1.386+/-0.063 χ^2/NDF: 82204.3/3

In: -2.409+/-0.089 χ^2/NDF:61378.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.386+/-0.063 χ^2/NDF: 82204.3/3

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 9.902+/-3.812 χ^2/NDF: 207.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 25.752+/-3.878 χ^2/NDF: 23.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

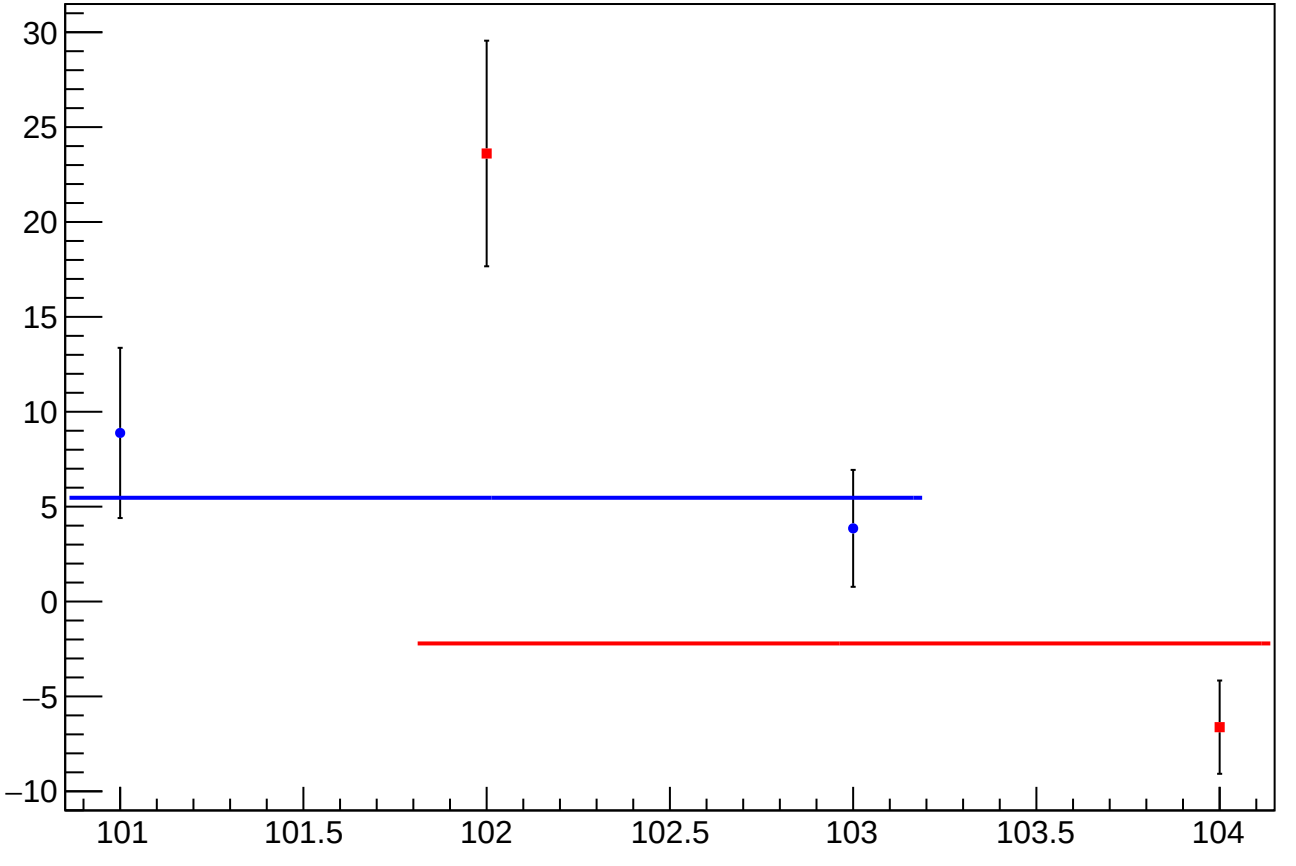
Right: 17.690+/-2.719 χ^2/NDF: 239.2/3

In: 9.902+/-3.812 χ^2/NDF:207.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 17.690+/-2.719 χ^2/NDF: 239.2/3

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.468+/-2.539 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -2.208+/-2.271 χ^2/NDF: 22.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

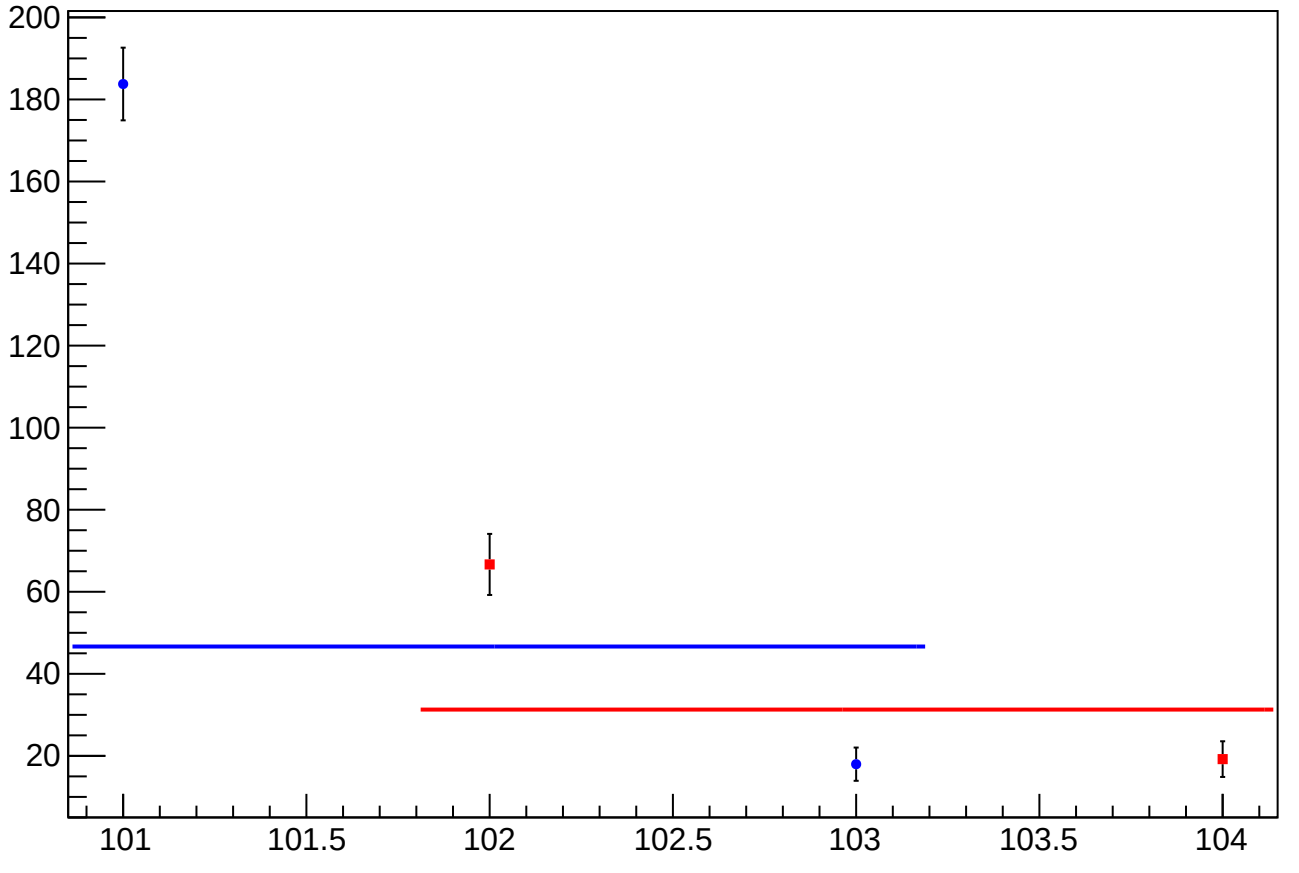
Right: 1.203+/-1.693 χ^2/NDF: 28.0/3

In: 5.468+/-2.539 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 1.203+/-1.693 χ^2/NDF: 28.0/3

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 46.656+/-3.684 χ^2/NDF: 289.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 31.286+/-3.754 χ^2/NDF: 30.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

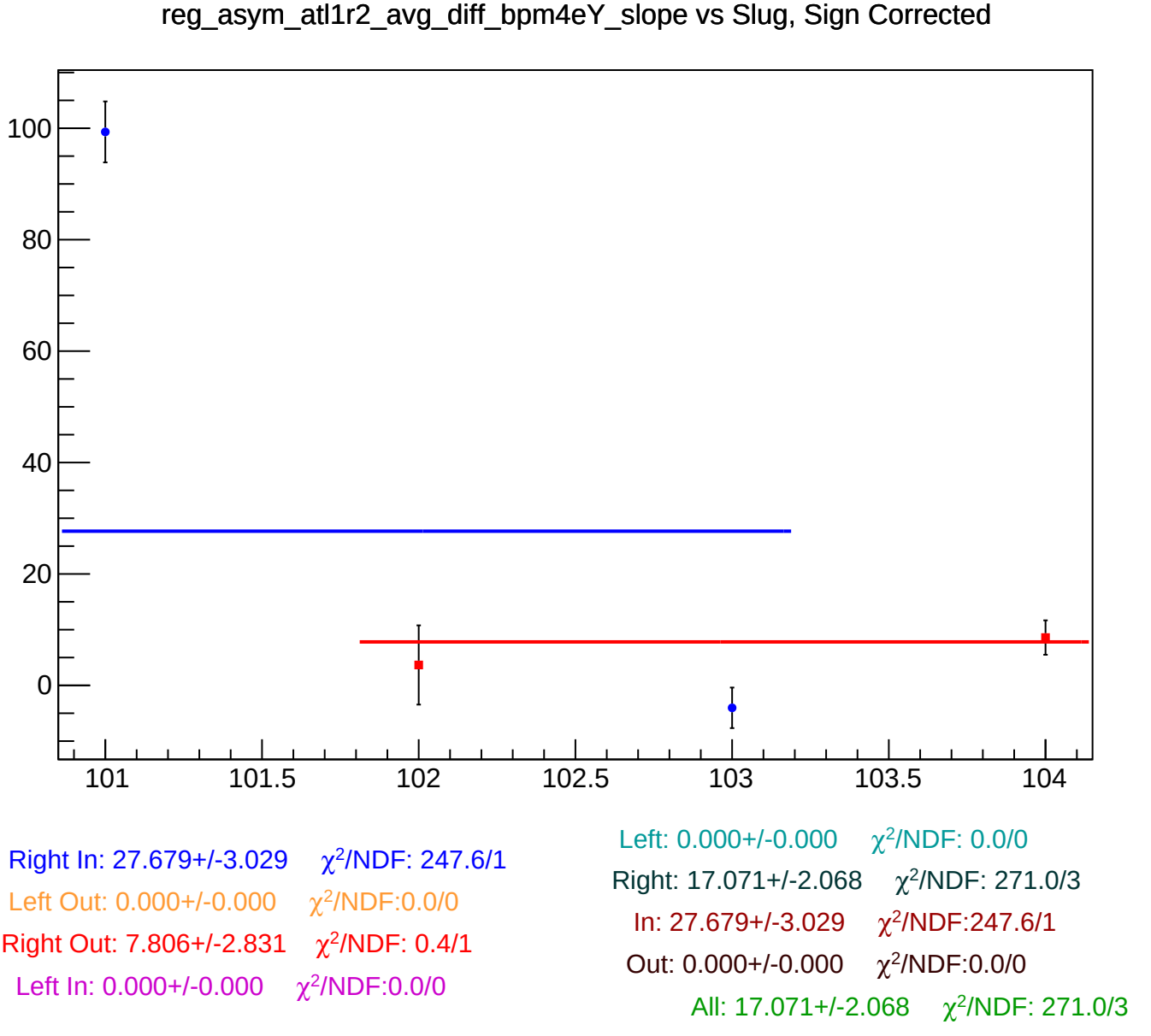
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

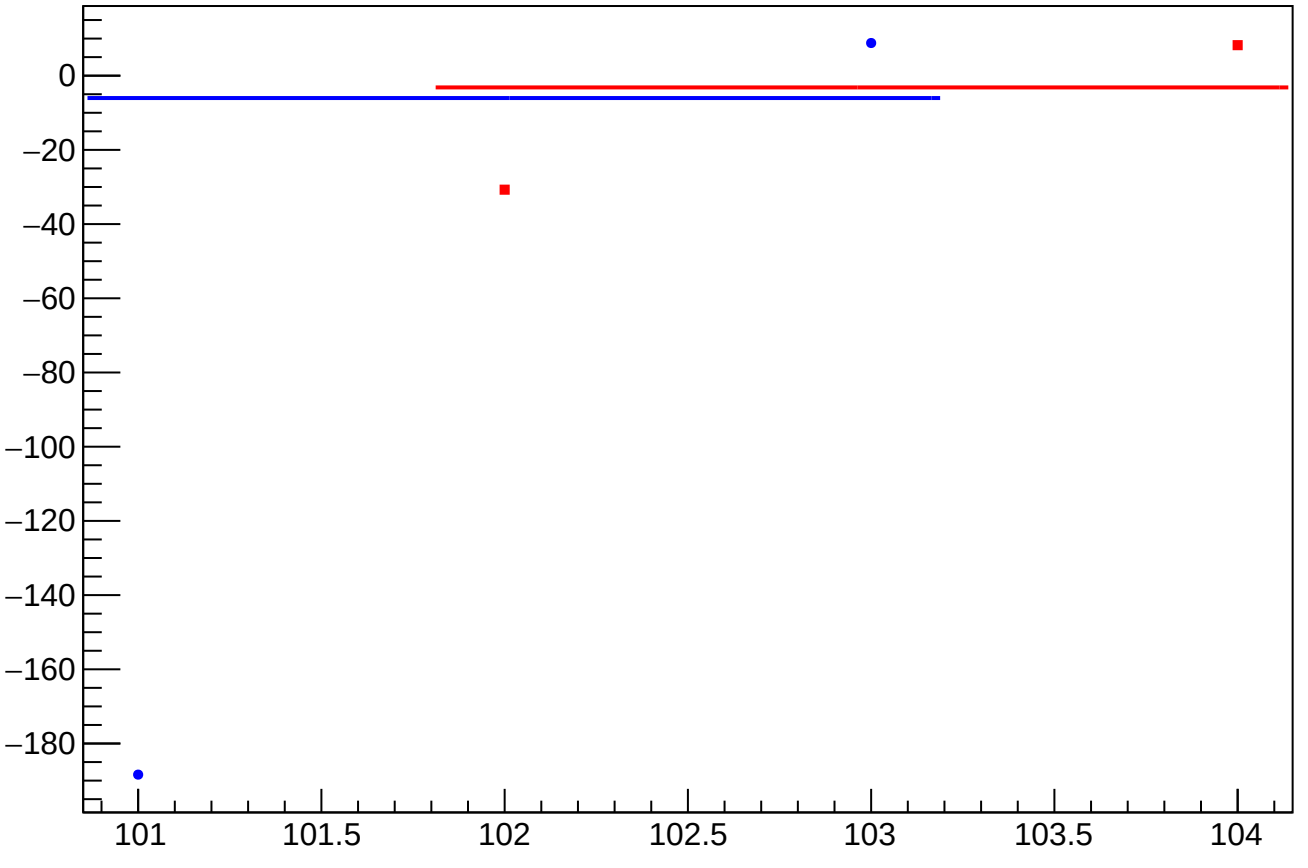
Right: 39.115+/-2.629 χ^2/NDF: 328.6/3

In: 46.656+/-3.684 χ^2/NDF:289.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 39.115+/-2.629 χ^2/NDF: 328.6/3


reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected
100
80
60
40
20
0
101
101.5
102
102.5
103
103.5
104
Right In: 27.679+/-3.029 χ2/NDF: 247.6/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 7.806+/-2.831 χ2/NDF: 0.4/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 17.071+/-2.068 χ2/NDF: 271.0/3
In: 27.679+/-3.029 χ2/NDF:247.6/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 17.071+/-2.068 χ2/NDF: 271.0/3



Right In: -6.026+/-0.087 χ^2/NDF: 354612.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -3.164+/-0.092 χ^2/NDF: 37001.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

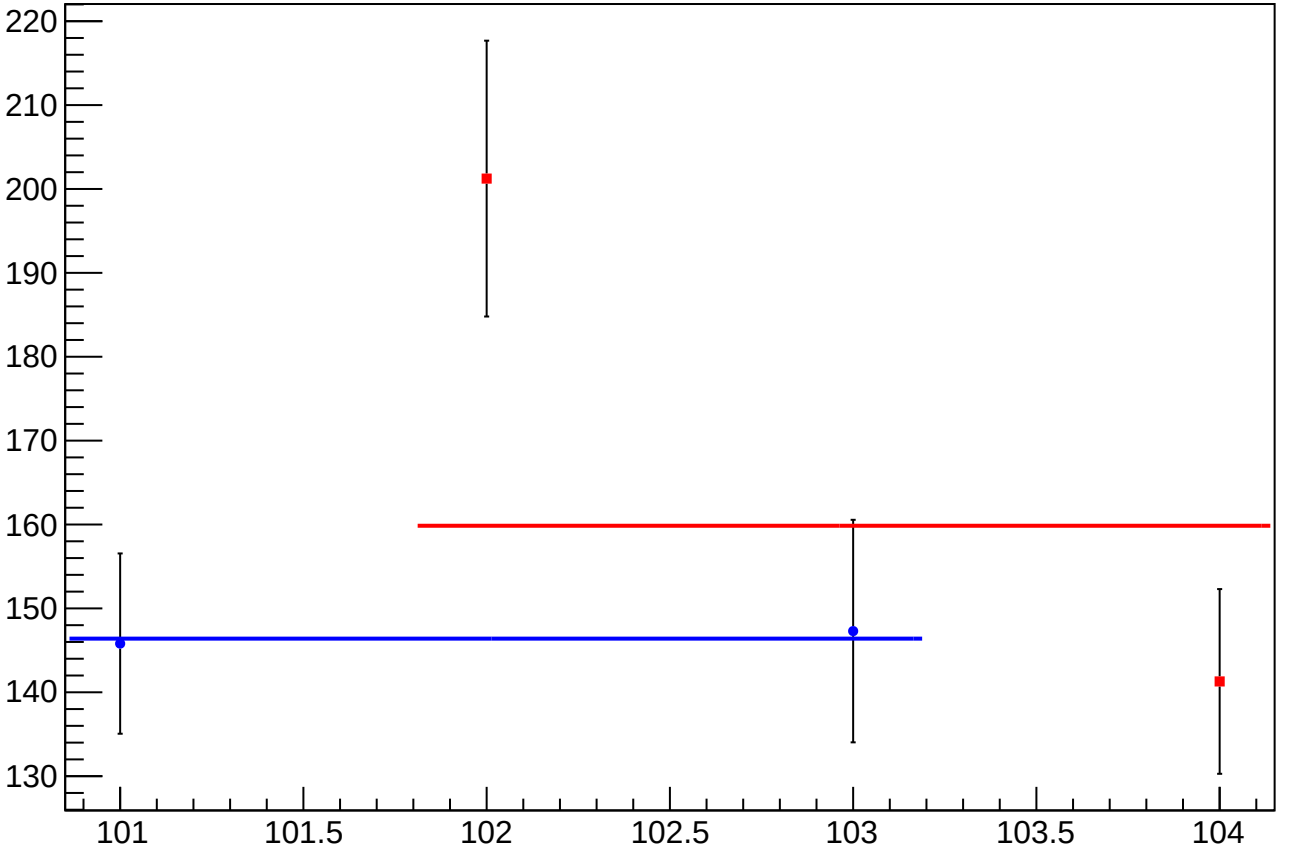
Right: -4.671+/-0.063 χ^2/NDF: 392121.8/3

In: -6.026+/-0.087 χ^2/NDF:354612.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.671+/-0.063 χ^2/NDF: 392121.8/3

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 146.397+/-8.350 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 159.852+/-9.148 χ^2/NDF: 9.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

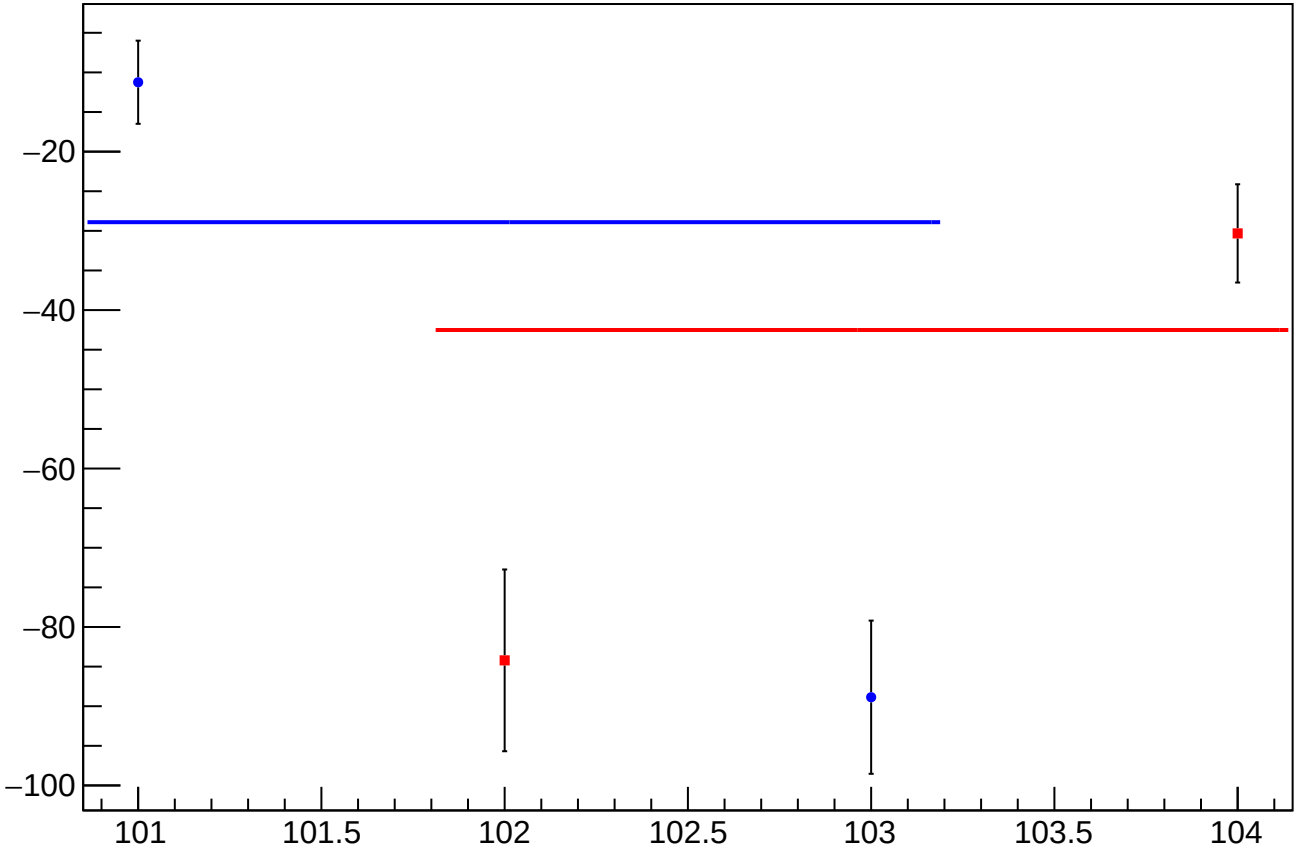
Right: 152.512+/-6.167 χ^2/NDF: 10.4/3

In: 146.397+/-8.350 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 152.512+/-6.167 χ^2/NDF: 10.4/3

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -28.905+/-4.612 χ^2/NDF: 49.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -42.514+/-5.456 χ^2/NDF: 17.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

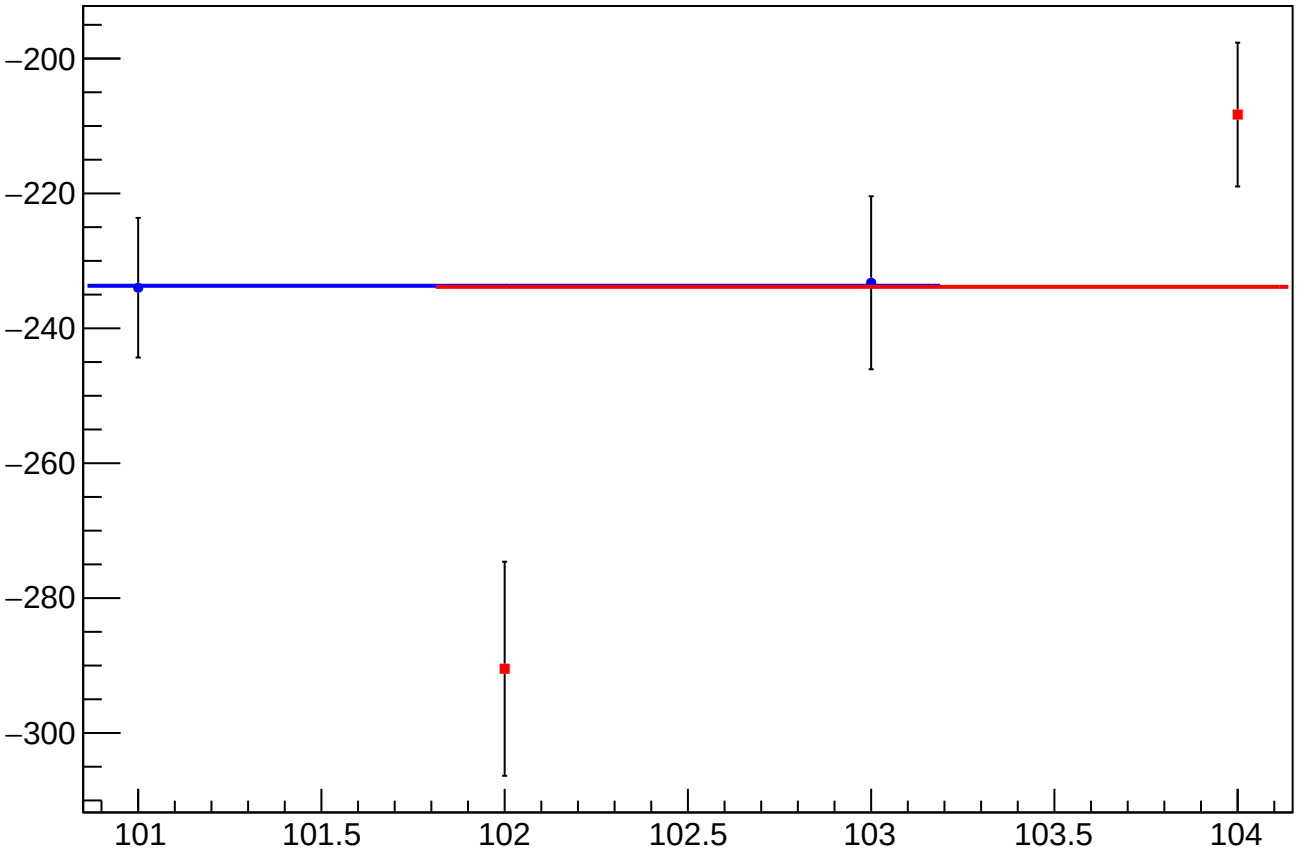
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -34.576+/-3.522 χ^2/NDF: 70.5/3

In: -28.905+/-4.612 χ^2/NDF:49.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -34.576+/-3.522 χ^2/NDF: 70.5/3



Right In: -233.691+/-8.057 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -233.849+/-8.849 χ^2/NDF: 18.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

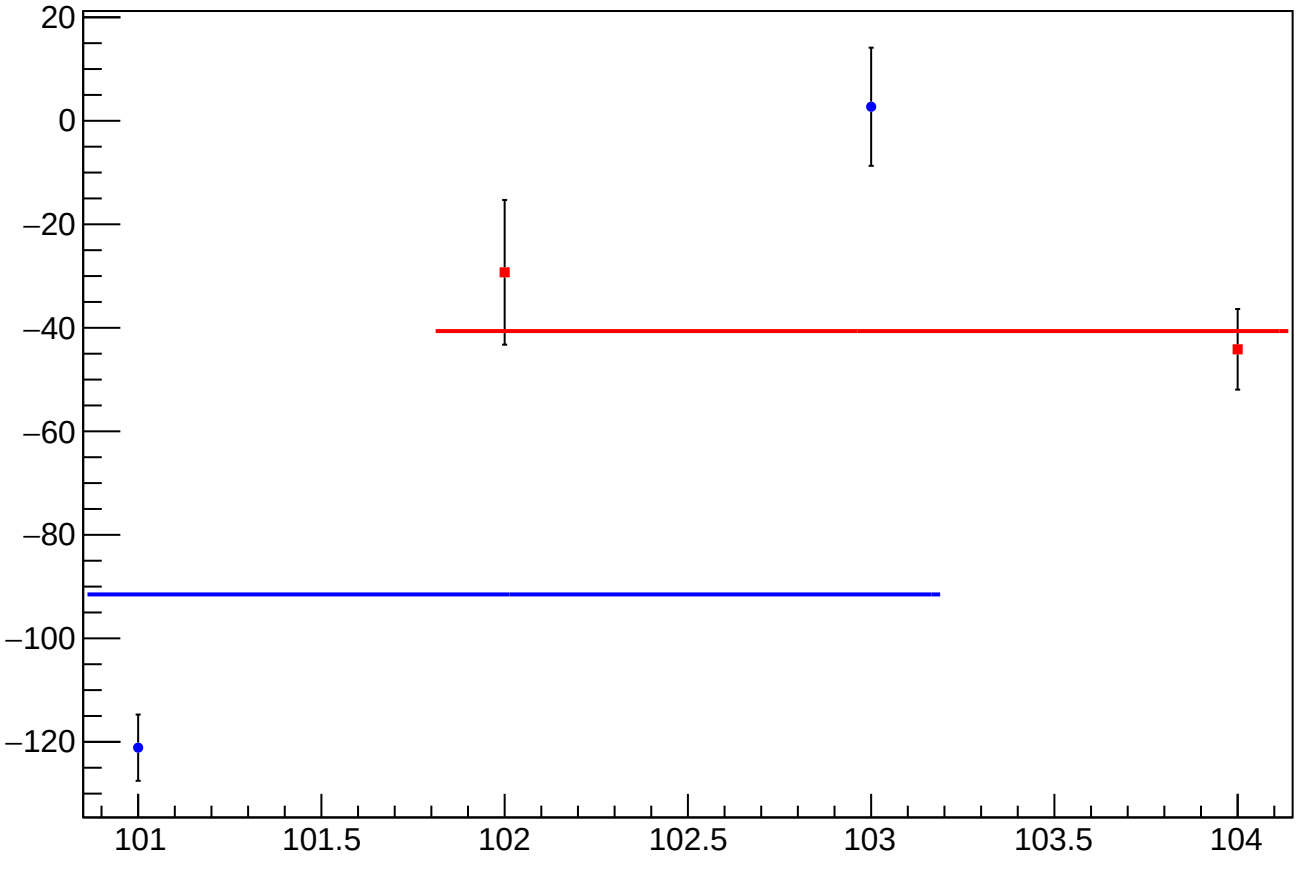
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -233.763+/-5.957 χ^2/NDF: 18.5/3

In: -233.691+/-8.057 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -233.763+/-5.957 χ^2/NDF: 18.5/3



Right In: -91.510+/-5.582 χ^2/NDF: 89.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -40.628+/-6.804 χ^2/NDF: 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

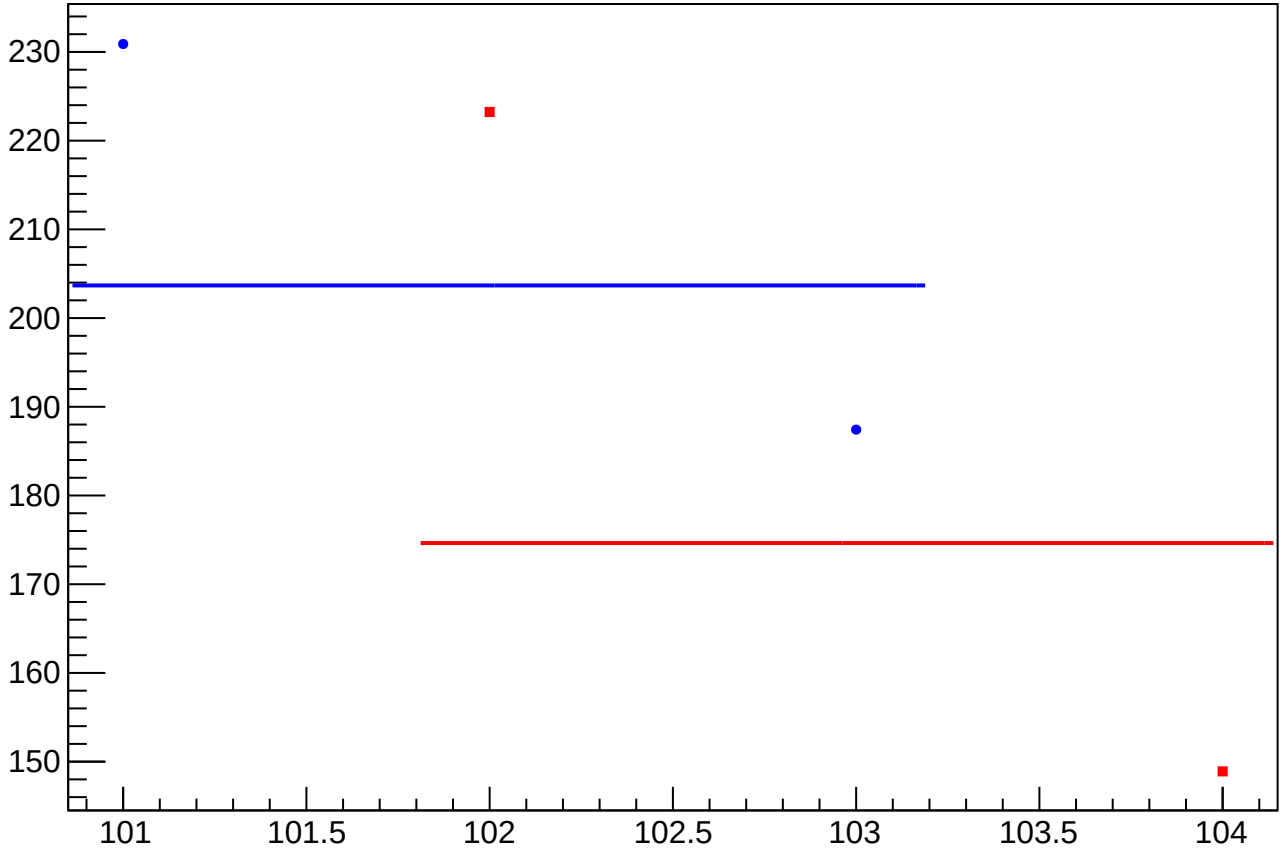
Right: -71.041+/-4.316 χ^2/NDF: 123.8/3

In: -91.510+/-5.582 χ^2/NDF:89.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -71.041+/-4.316 χ^2/NDF: 123.8/3

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 203.680+/-0.228 χ^2/NDF: 8534.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 174.639+/-0.220 χ^2/NDF: 25747.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

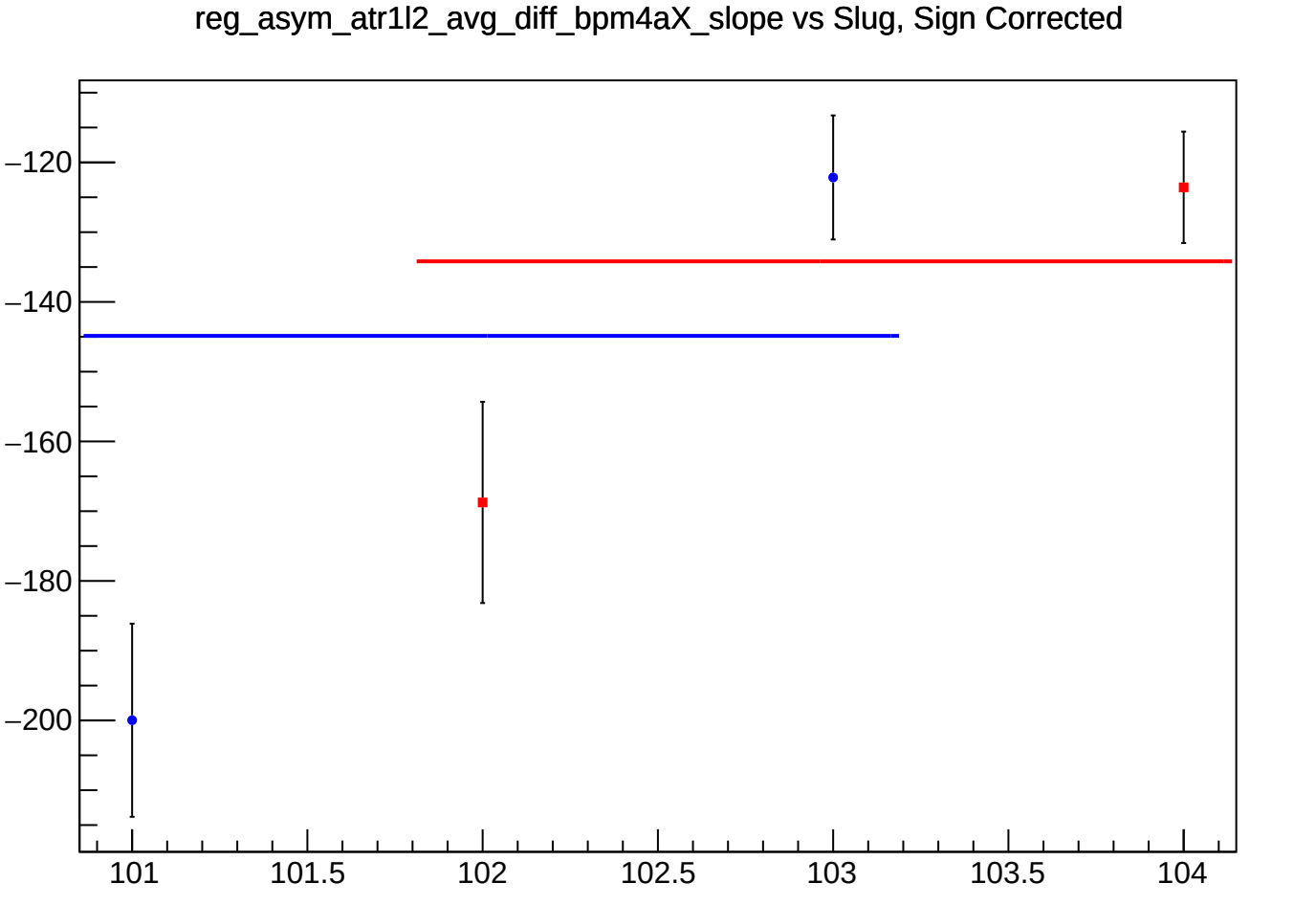
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 188.688+/-0.158 χ^2/NDF: 42680.0/3

In: 203.680+/-0.228 χ^2/NDF:8534.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 188.688+/-0.158 χ^2/NDF: 42680.0/3



Right In: -144.869+/-7.481 χ^2/NDF: 22.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -134.179+/-6.986 χ^2/NDF: 7.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

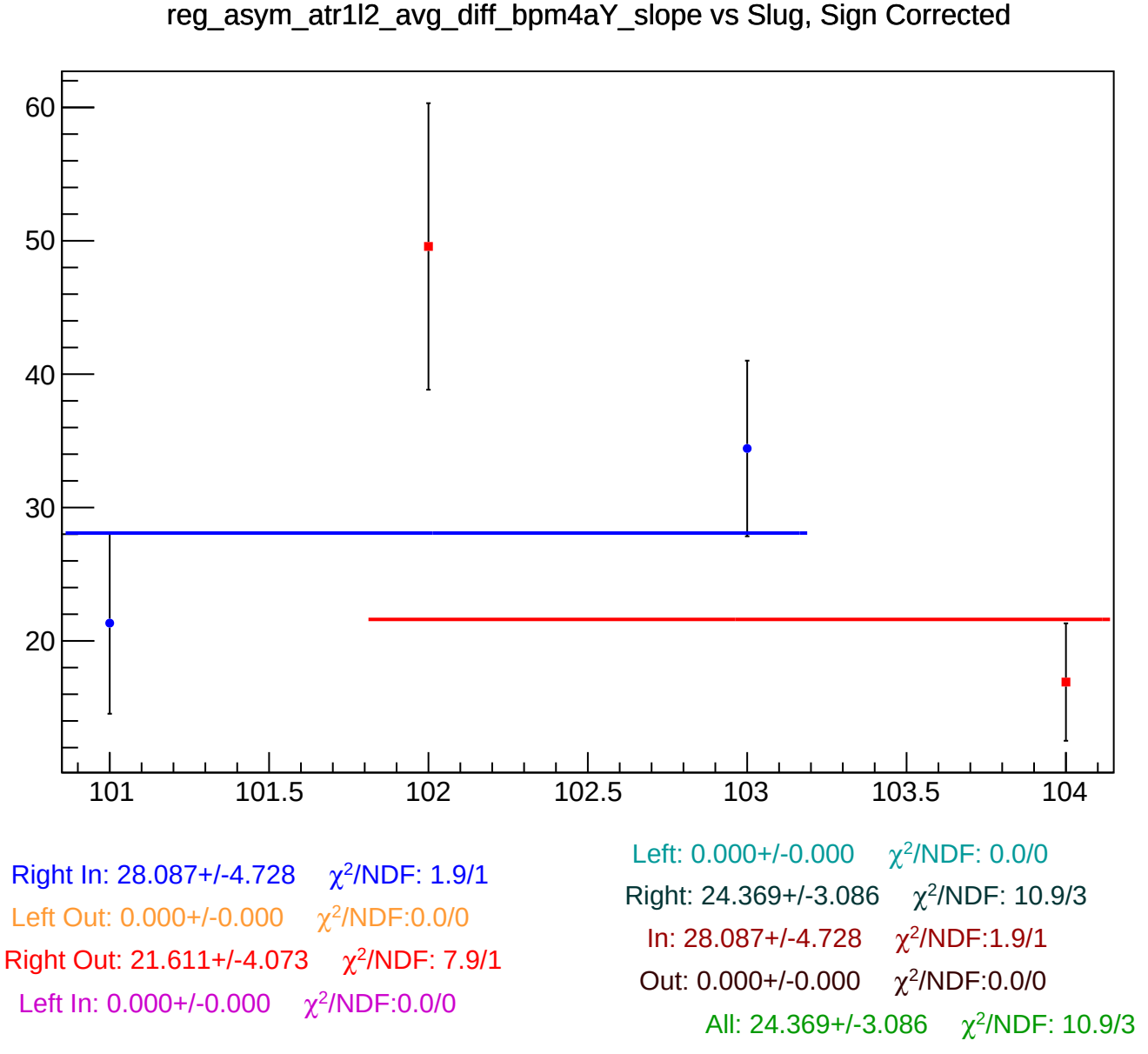
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

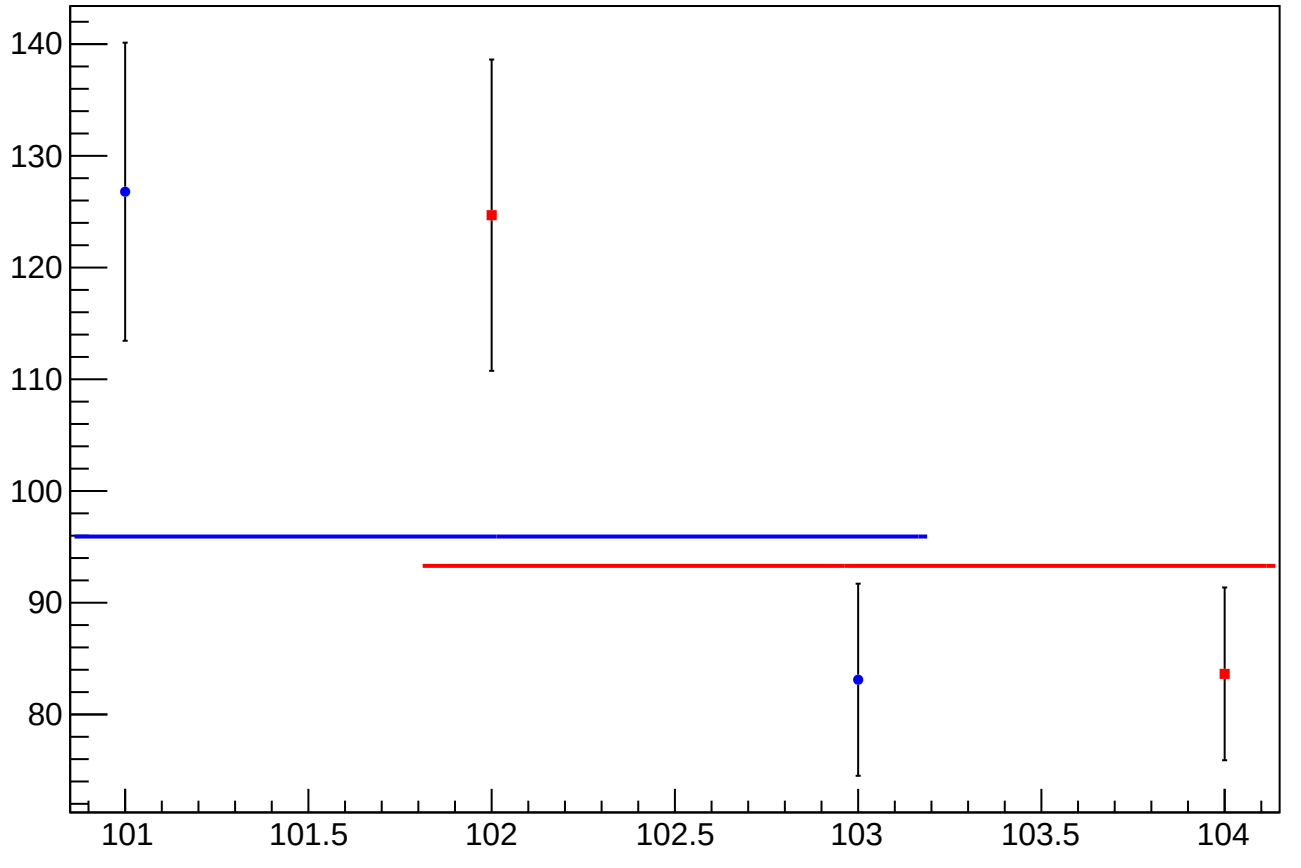
Right: -139.158+/-5.106 χ^2/NDF: 31.0/3

In: -144.869+/-7.481 χ^2/NDF:22.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -139.158+/-5.106 χ^2/NDF: 31.0/3


reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected
60
50
40
30
20
101
101.5
102
102.5
103
103.5
104
Right In: 28.087+/-4.728 χ2/NDF: 1.9/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: 21.611+/-4.073 χ2/NDF: 7.9/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: 24.369+/-3.086 χ2/NDF: 10.9/3
In: 28.087+/-4.728 χ2/NDF:1.9/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: 24.369+/-3.086 χ2/NDF: 10.9/3



Right In: 95.926+/-7.227 χ^2/NDF: 7.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 93.301+/-6.761 χ^2/NDF: 6.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

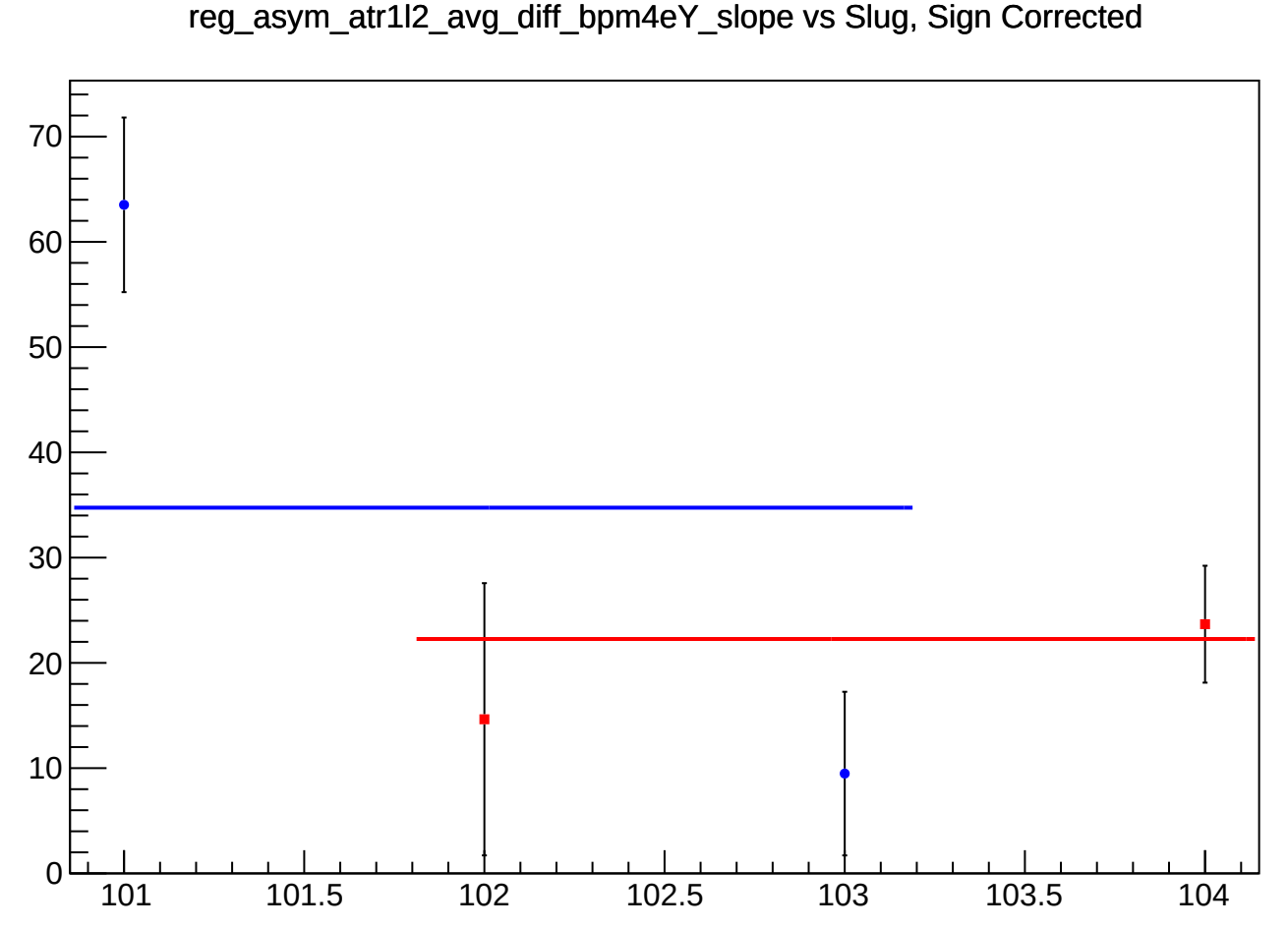
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 94.526+/-4.937 χ^2/NDF: 14.3/3

In: 95.926+/-7.227 χ^2/NDF:7.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 94.526+/-4.937 χ^2/NDF: 14.3/3



Right In: 34.746+/-5.672 χ^2/NDF: 22.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 22.269+/-5.103 χ^2/NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

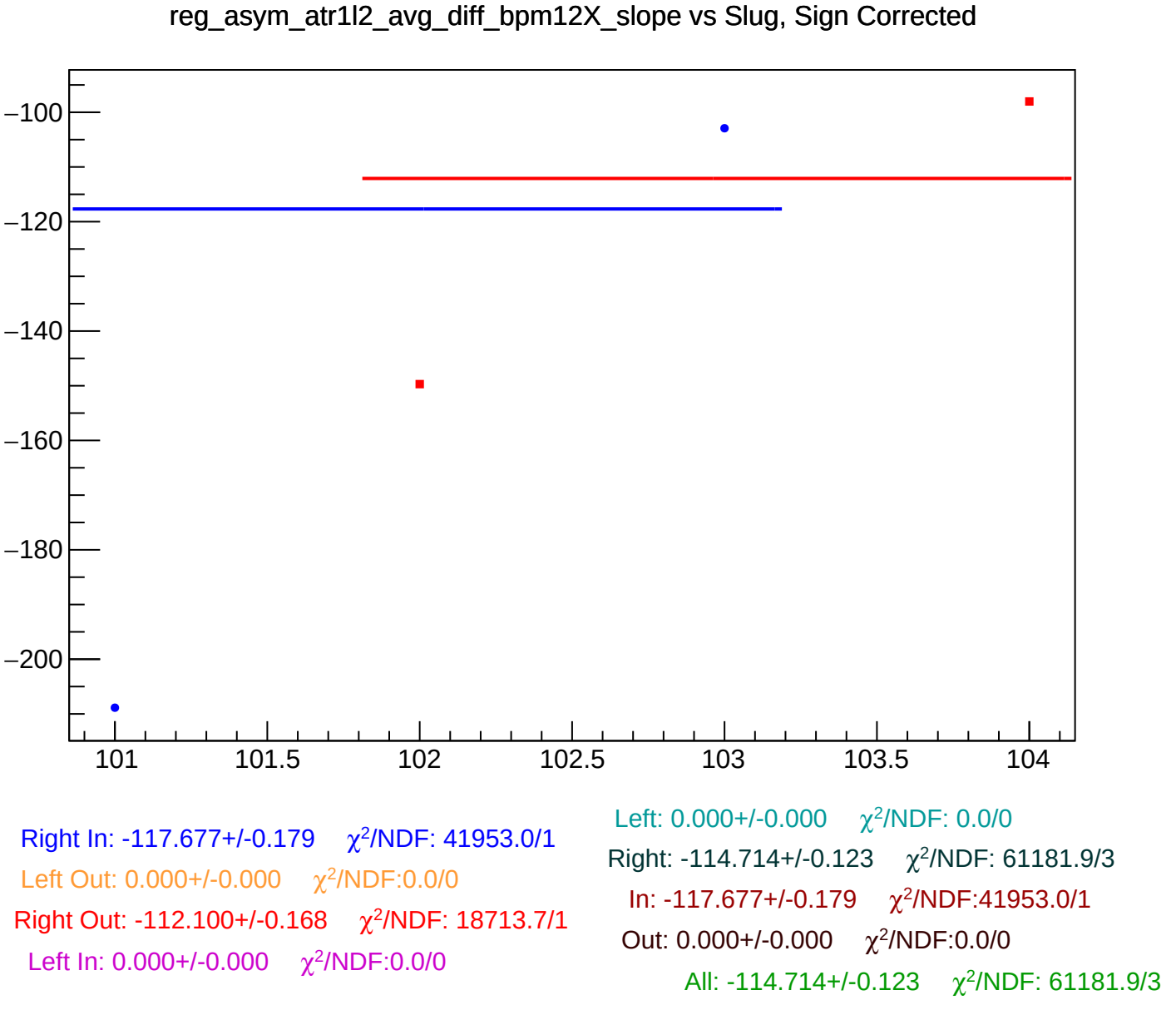
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 27.850+/-3.793 χ^2/NDF: 25.7/3

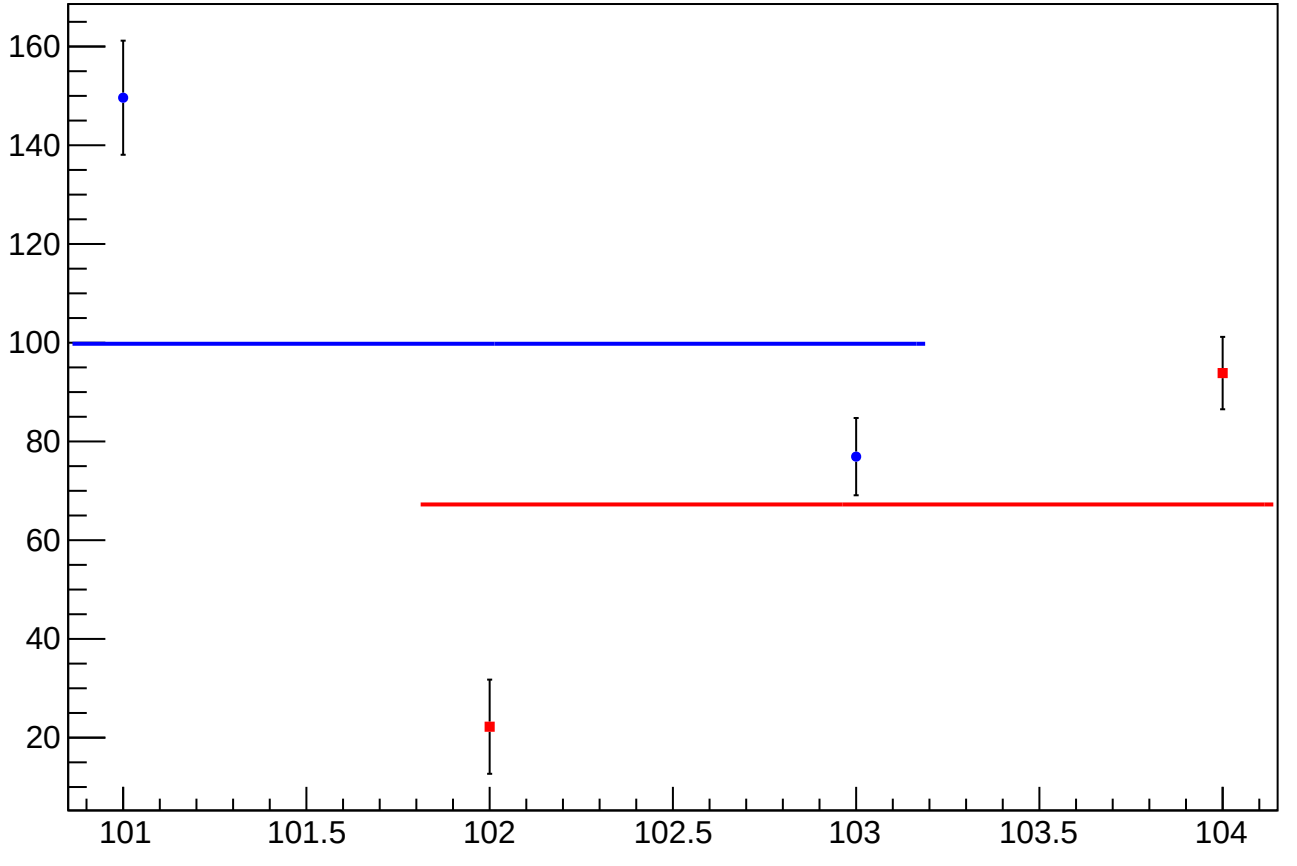
In: 34.746+/-5.672 χ^2/NDF:22.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 27.850+/-3.793 χ^2/NDF: 25.7/3


reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected
−100
−120
−140
−160
−180
−200
101
101.5
102
102.5
103
103.5
104
Right In: -117.677+/-0.179 χ2/NDF: 41953.0/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -112.100+/-0.168 χ2/NDF: 18713.7/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -114.714+/-0.123 χ2/NDF: 61181.9/3
In: -117.677+/-0.179 χ2/NDF:41953.0/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -114.714+/-0.123 χ2/NDF: 61181.9/3

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 99.789+/-6.481 χ^2/NDF: 27.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 67.238+/-5.814 χ^2/NDF: 35.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

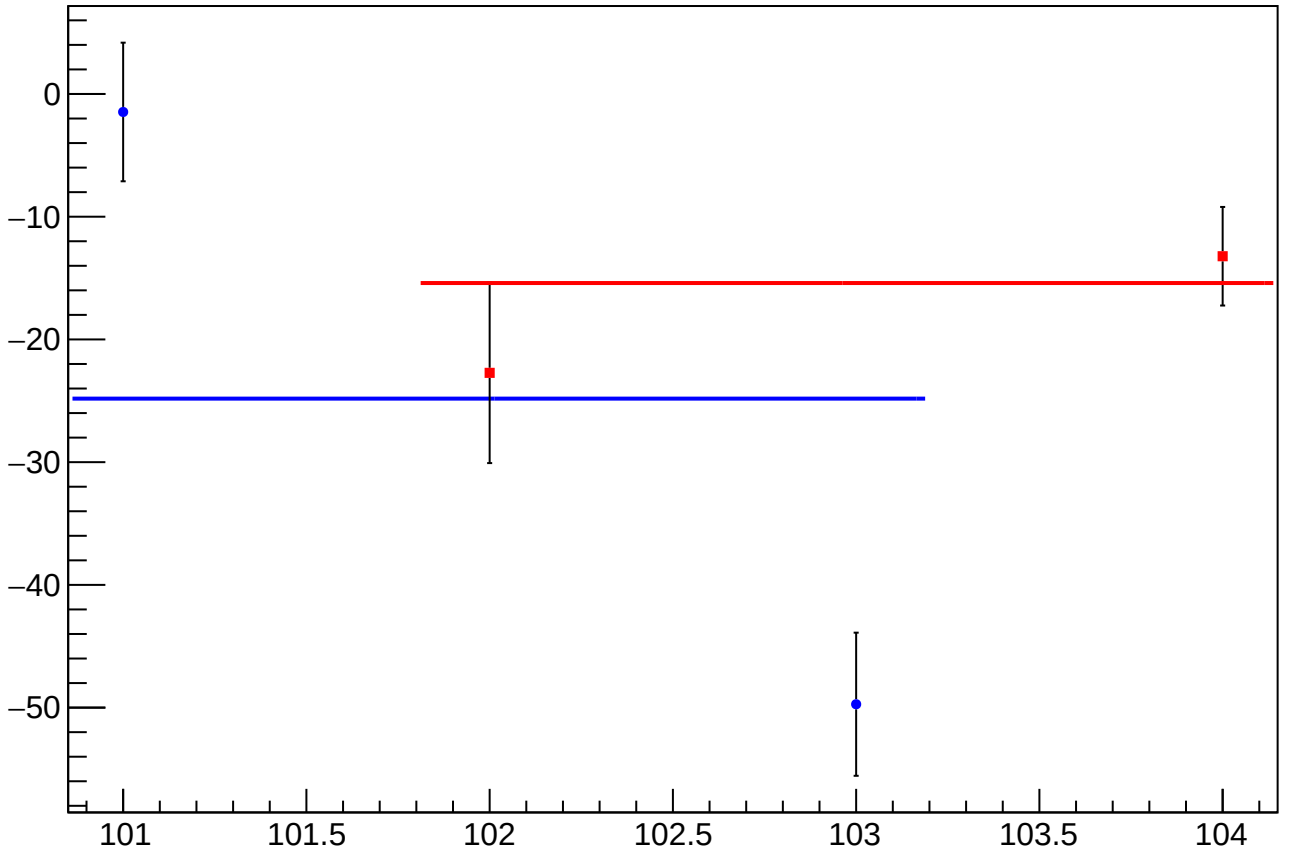
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 81.752+/-4.328 χ^2/NDF: 76.6/3

In: 99.789+/-6.481 χ^2/NDF:27.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 81.752+/-4.328 χ^2/NDF: 76.6/3



Right In: -24.822+/-4.057 χ^2/NDF: 35.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -15.405+/-3.525 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

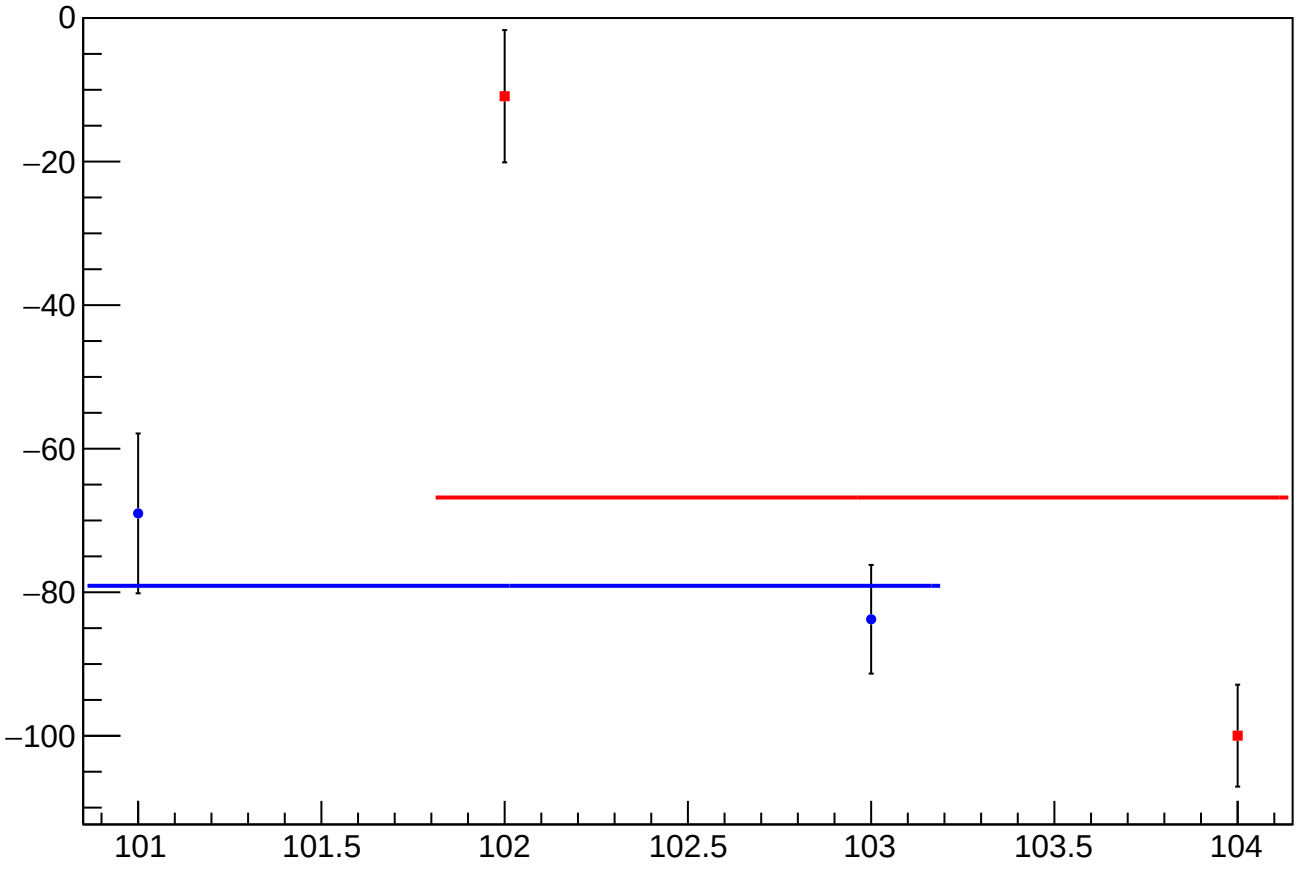
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -19.456+/-2.661 χ^2/NDF: 39.7/3

In: -24.822+/-4.057 χ^2/NDF:35.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -19.456+/-2.661 χ^2/NDF: 39.7/3



Right In: -79.100+/-6.261 χ^2/NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -66.800+/-5.625 χ^2/NDF: 58.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

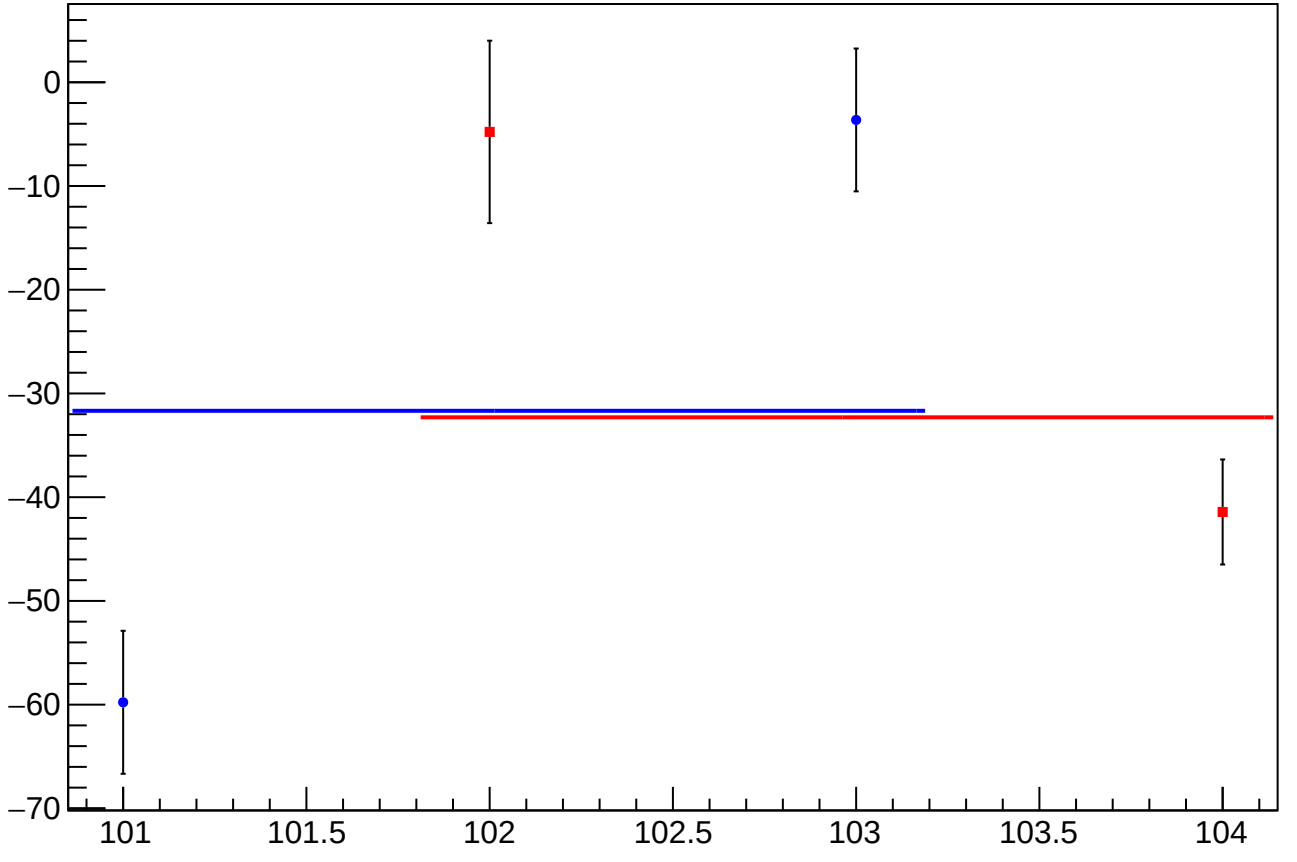
Right: -72.294+/-4.184 χ^2/NDF: 62.0/3

In: -79.100+/-6.261 χ^2/NDF:1.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -72.294+/-4.184 χ^2/NDF: 62.0/3

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -31.672+/-4.871 χ^2/NDF: 33.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.300+/-4.389 χ^2/NDF: 13.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

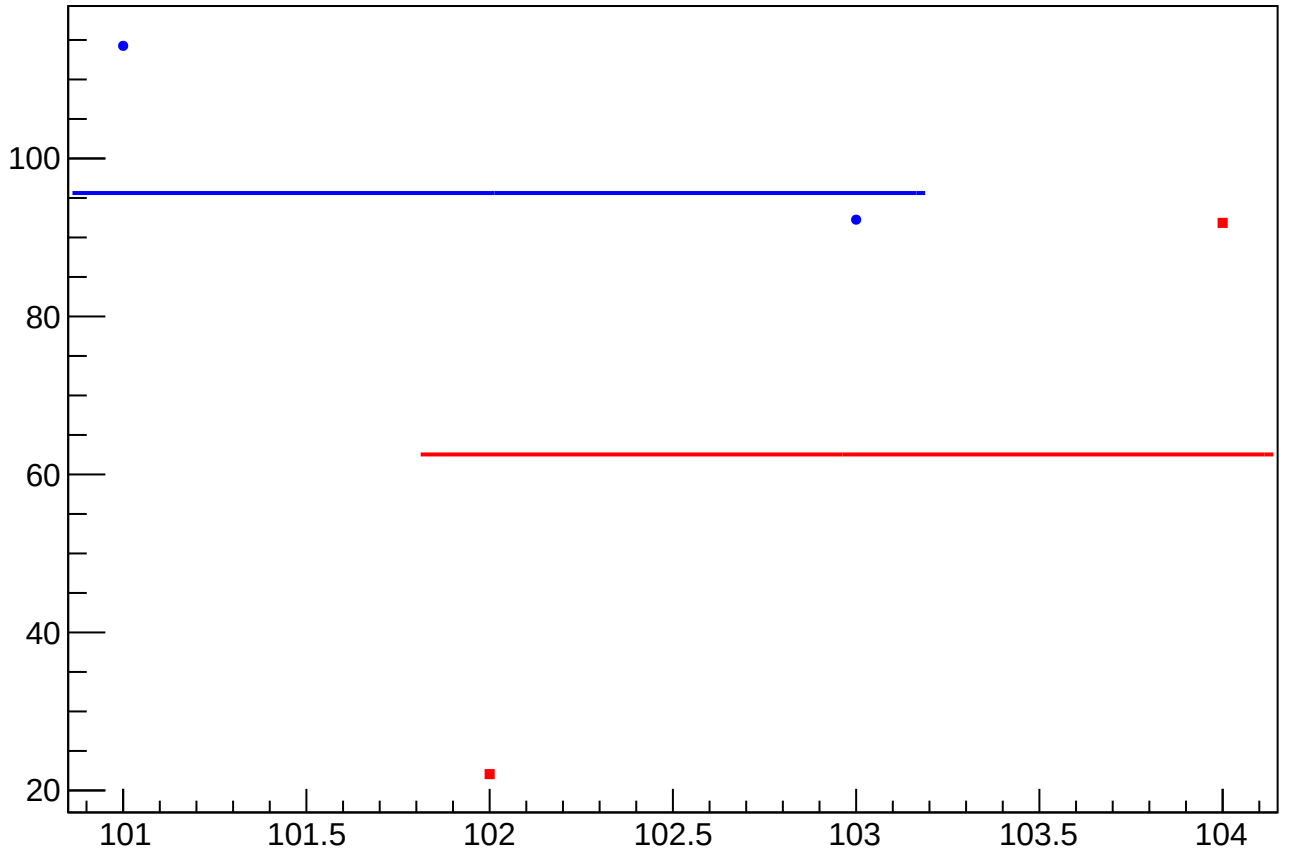
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -32.018+/-3.261 χ^2/NDF: 46.3/3

In: -31.672+/-4.871 χ^2/NDF:33.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -32.018+/-3.261 χ^2/NDF: 46.3/3



Right In: 95.624+/-0.156 χ^2/NDF: 2571.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 62.531+/-0.138 χ^2/NDF: 62416.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

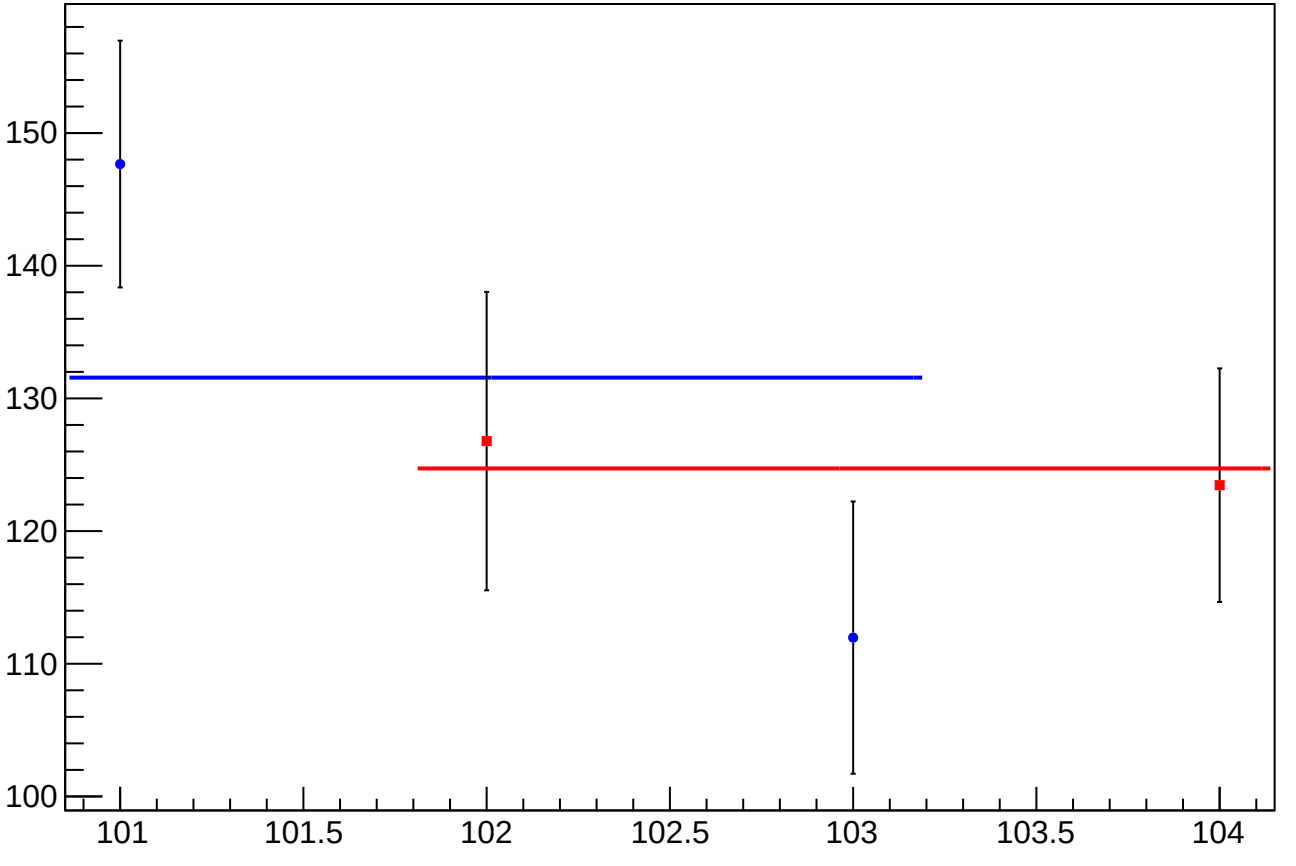
Right: 77.008+/-0.103 χ^2/NDF: 90197.7/3

In: 95.624+/-0.156 χ^2/NDF:2571.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 77.008+/-0.103 χ^2/NDF: 90197.7/3

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 131.568+/-6.891 χ^2/NDF: 6.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 124.723+/-6.932 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

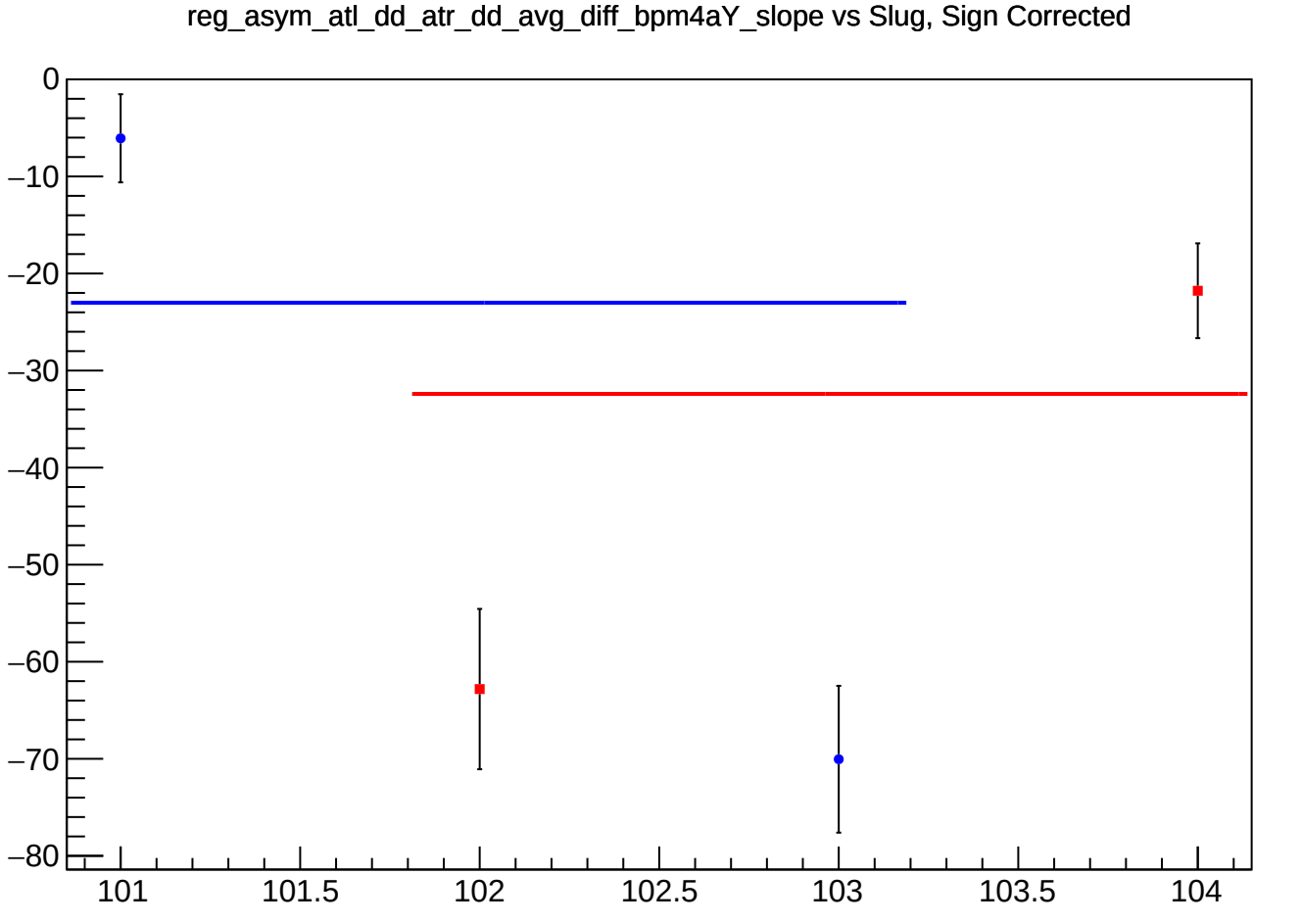
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 128.166+/-4.887 χ^2/NDF: 7.2/3

In: 131.568+/-6.891 χ^2/NDF:6.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 128.166+/-4.887 χ^2/NDF: 7.2/3



Right In: -23.009+/-3.892 χ^2/NDF: 52.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -32.406+/-4.204 χ^2/NDF: 18.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

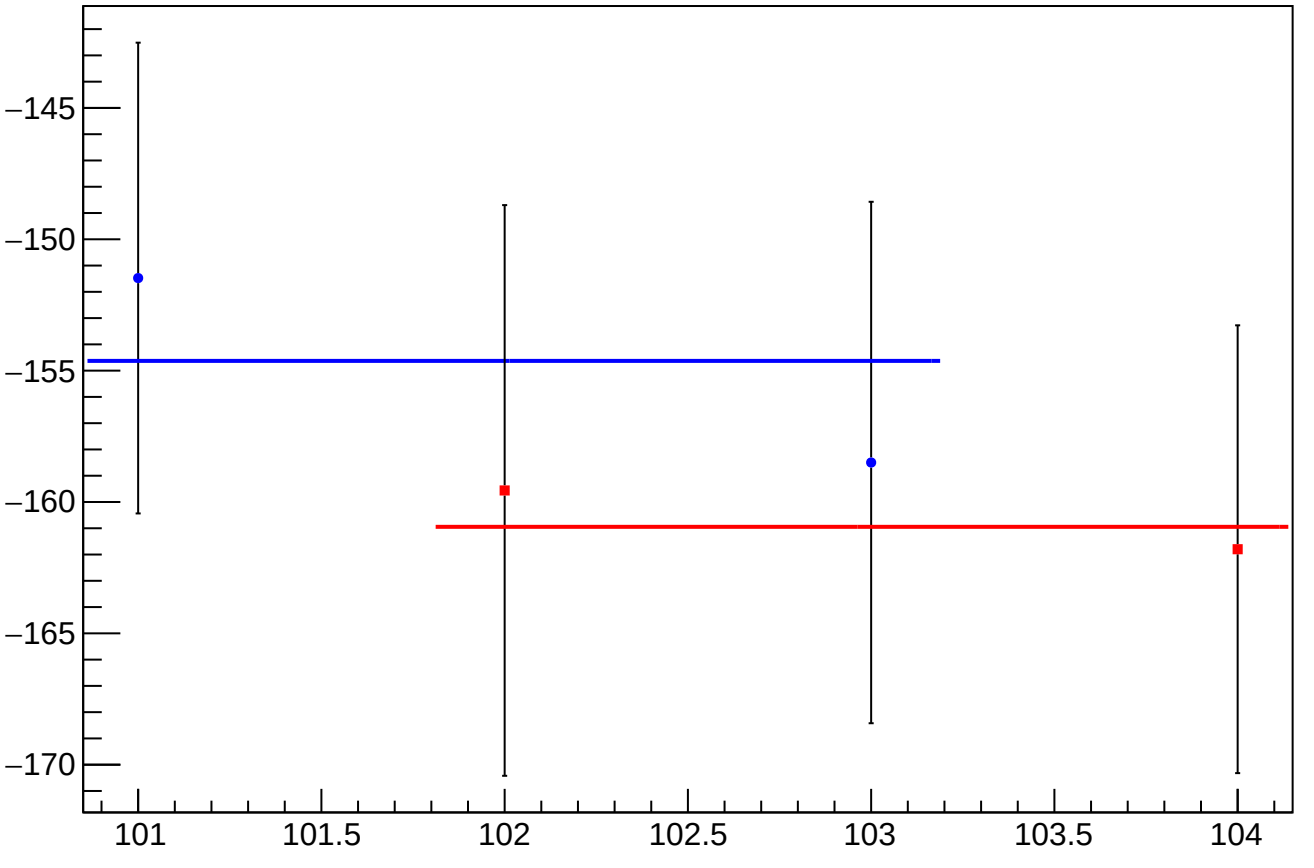
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -27.346+/-2.856 χ^2/NDF: 73.6/3

In: -23.009+/-3.892 χ^2/NDF:52.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -27.346+/-2.856 χ^2/NDF: 73.6/3



Right In: -154.629+/-6.651 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -160.945+/-6.705 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

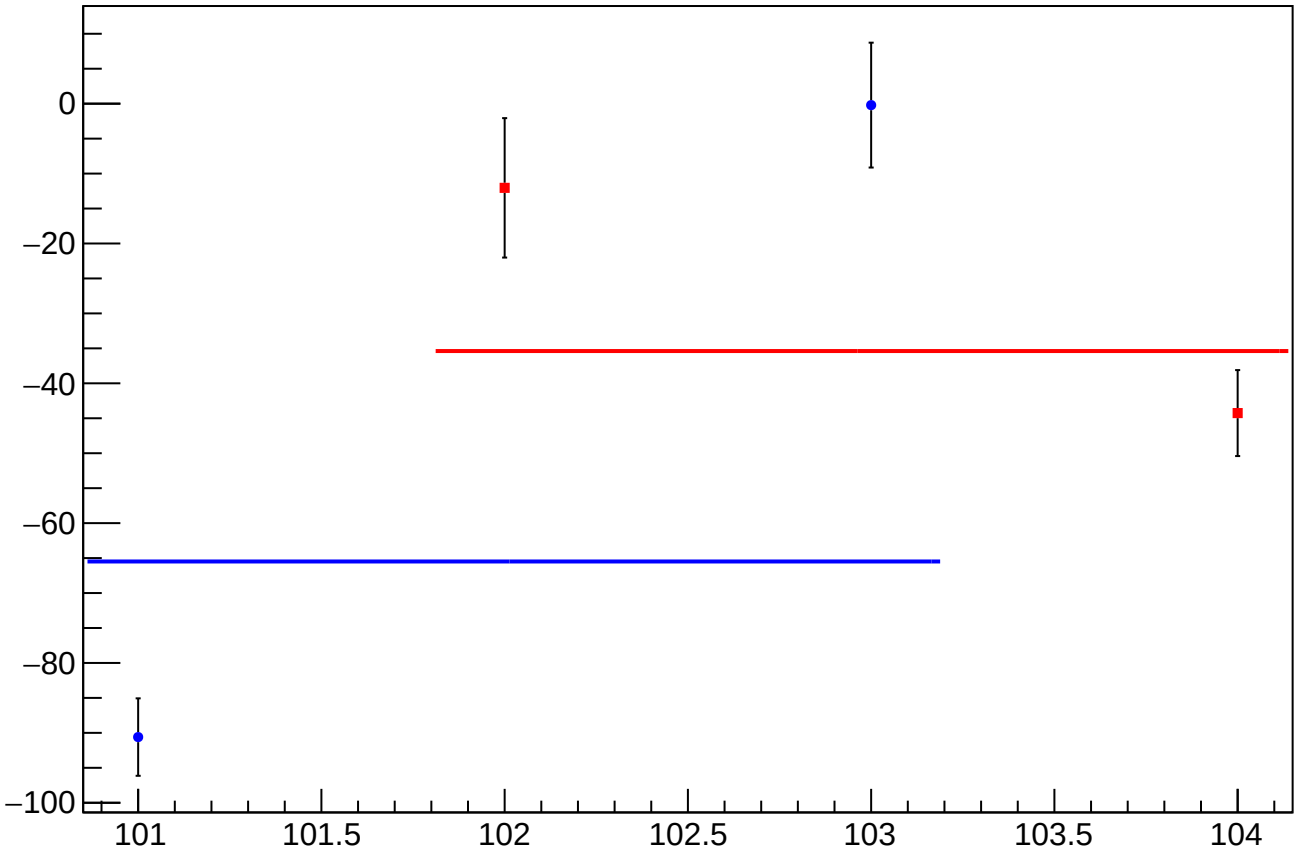
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -157.761+/-4.722 χ^2/NDF: 0.7/3

In: -154.629+/-6.651 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -157.761+/-4.722 χ^2/NDF: 0.7/3



Right In: -65.486+/-4.707 χ^2/NDF: 74.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -35.385+/-5.234 χ^2/NDF: 7.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

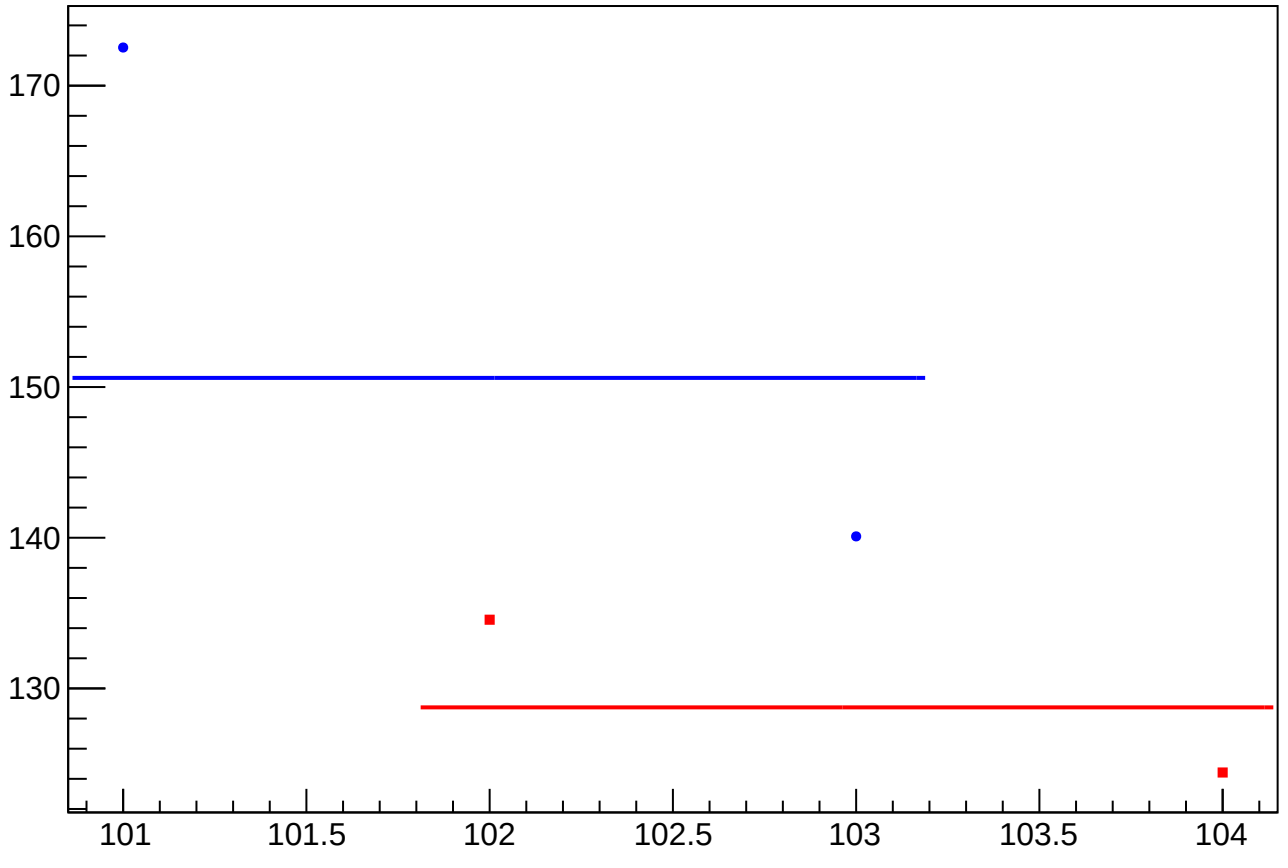
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -52.025+/-3.500 χ^2/NDF: 99.8/3

In: -65.486+/-4.707 χ^2/NDF:74.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -52.025+/-3.500 χ^2/NDF: 99.8/3



Right In: 150.607+/-0.183 χ^2/NDF: 6875.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 128.743+/-0.165 χ^2/NDF: 918.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

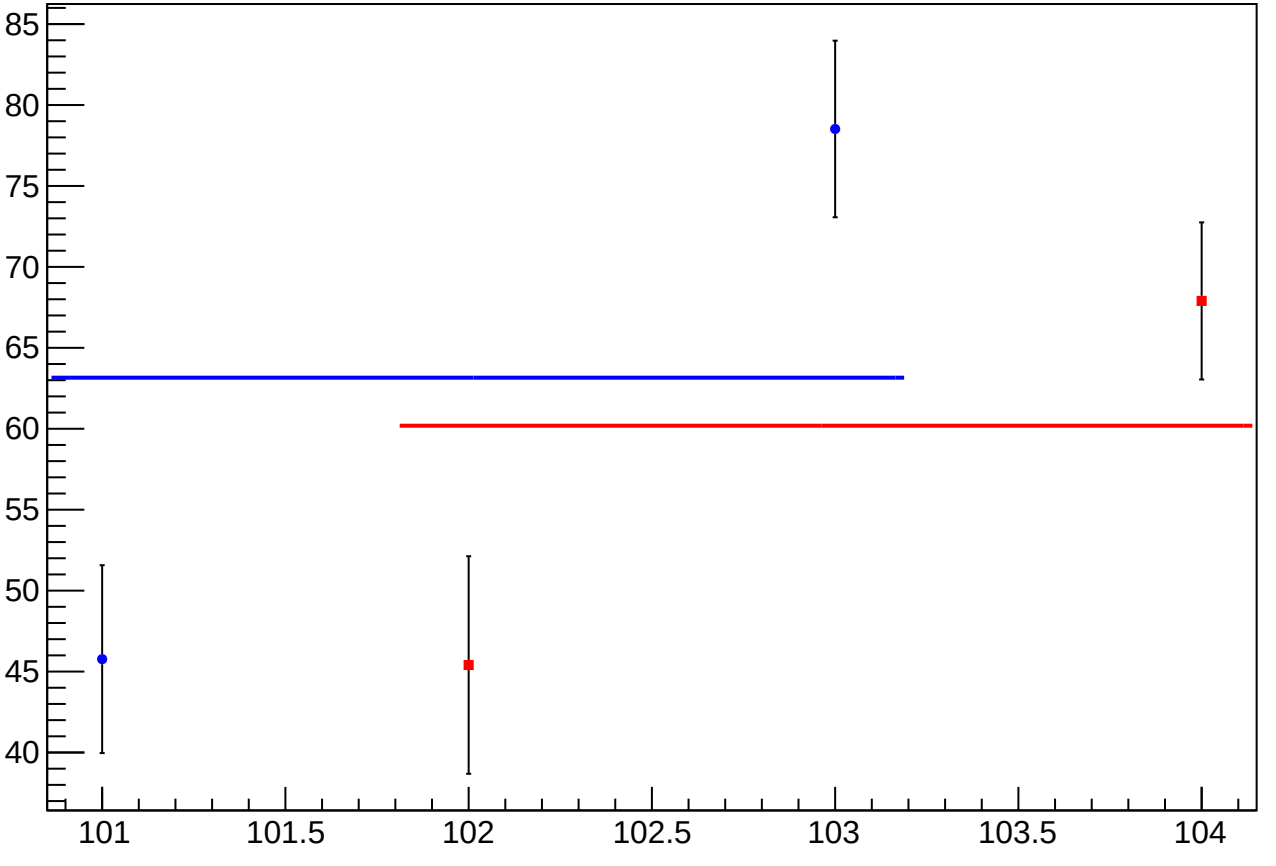
Right: 138.569+/-0.123 χ^2/NDF: 15641.7/3

In: 150.607+/-0.183 χ^2/NDF:6875.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 138.569+/-0.123 χ^2/NDF: 15641.7/3

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 63.156+/-3.975 χ^2/NDF: 16.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 60.189+/-3.934 χ^2/NDF: 7.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

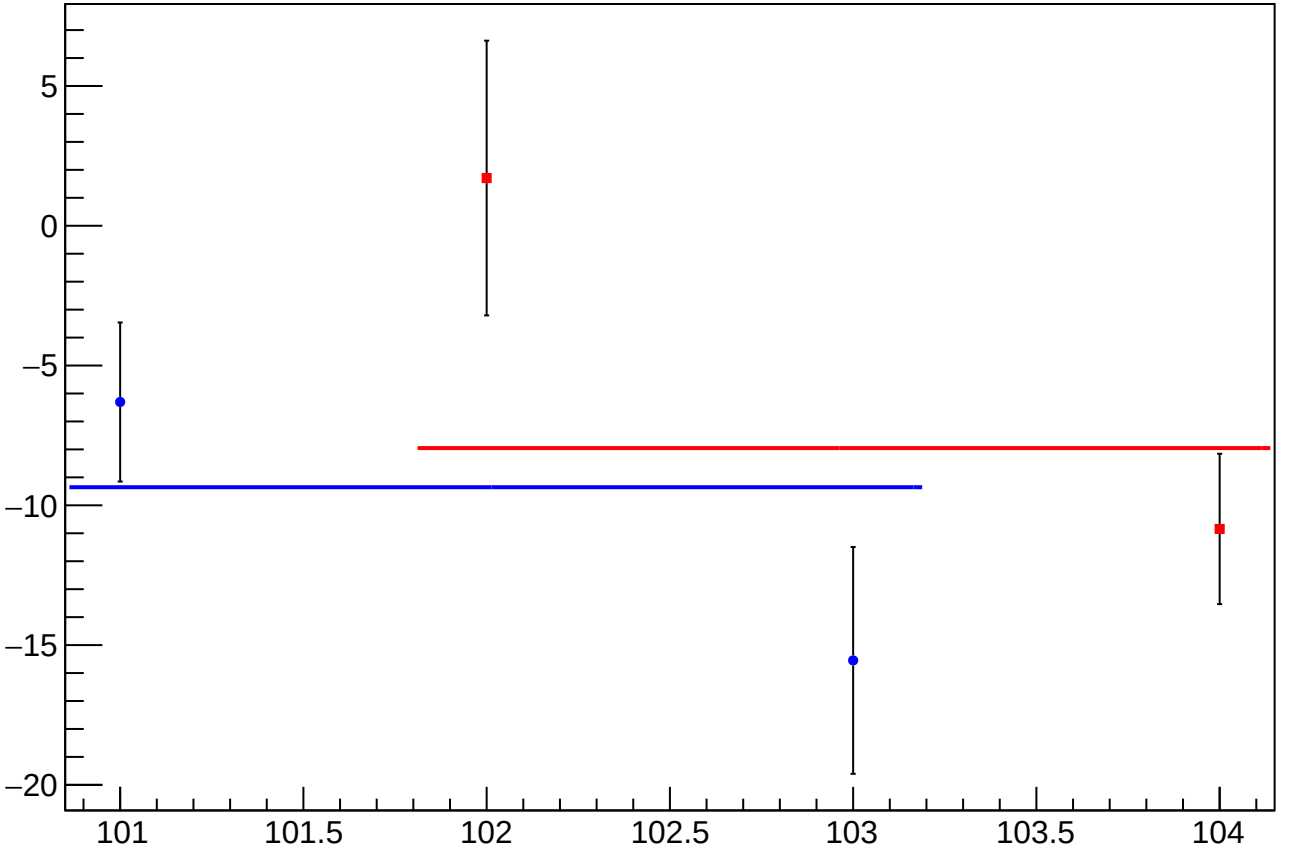
Right: 61.657+/-2.796 χ^2/NDF: 24.6/3

In: 63.156+/-3.975 χ^2/NDF:16.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 61.657+/-2.796 χ^2/NDF: 24.6/3

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.352+/-2.329 χ^2/NDF: 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -7.952+/-2.359 χ^2/NDF: 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

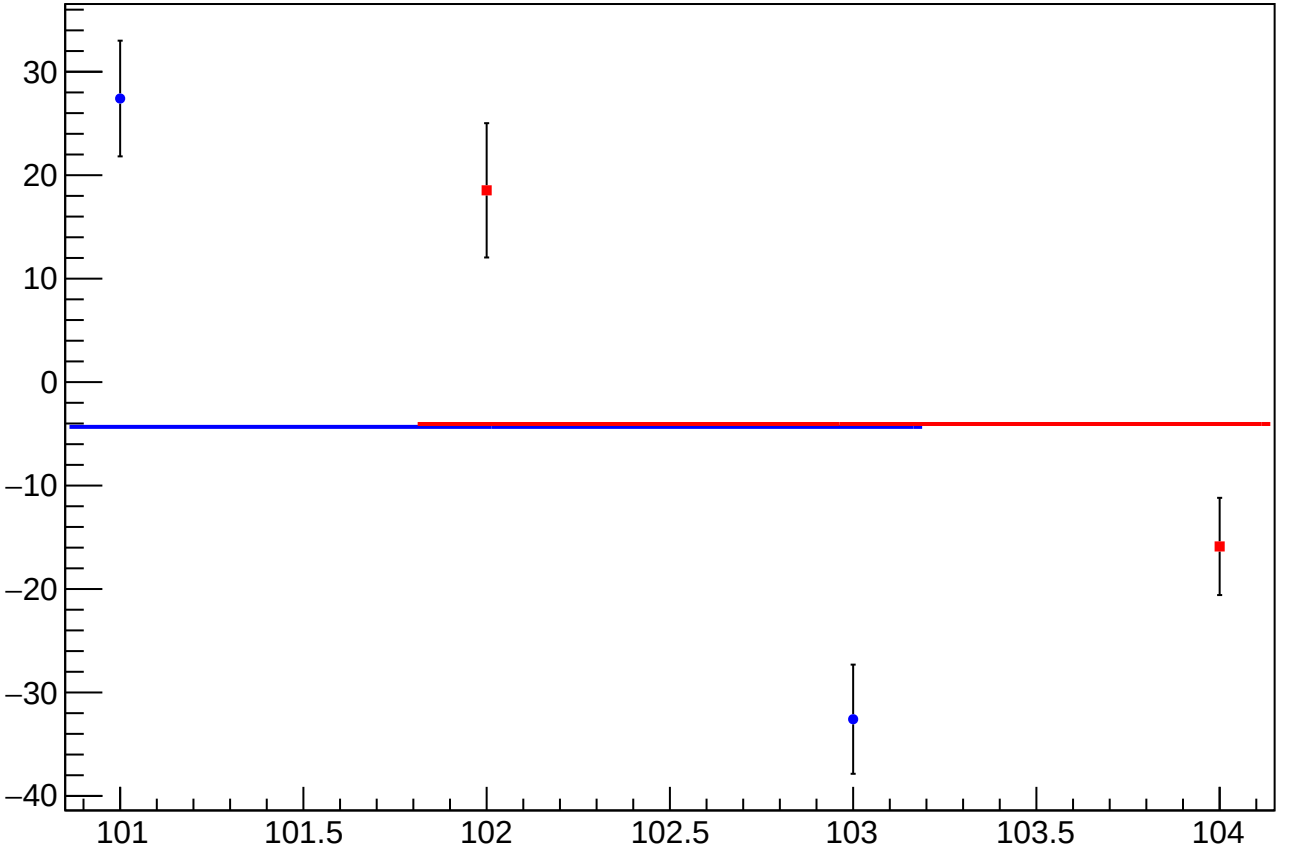
Right: -8.661+/-1.657 χ^2/NDF: 8.7/3

In: -9.352+/-2.329 χ^2/NDF:3.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -8.661+/-1.657 χ^2/NDF: 8.7/3

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.327+/-3.838 χ^2/NDF: 60.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.048+/-3.806 χ^2/NDF: 18.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

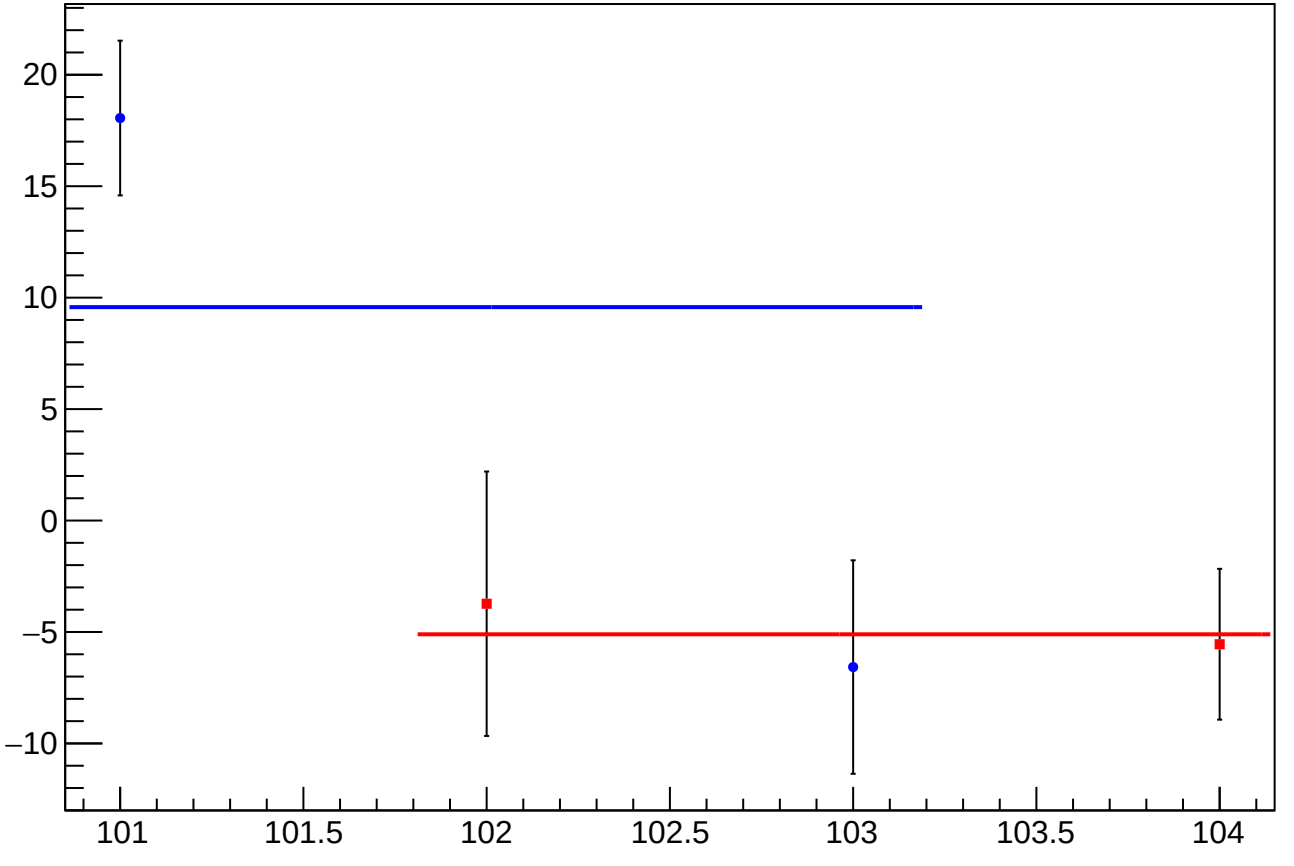
Right: -4.186+/-2.702 χ^2/NDF: 79.4/3

In: -4.327+/-3.838 χ^2/NDF:60.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -4.186+/-2.702 χ^2/NDF: 79.4/3

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.574+/-2.811 χ^2/NDF: 17.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -5.104+/-2.939 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

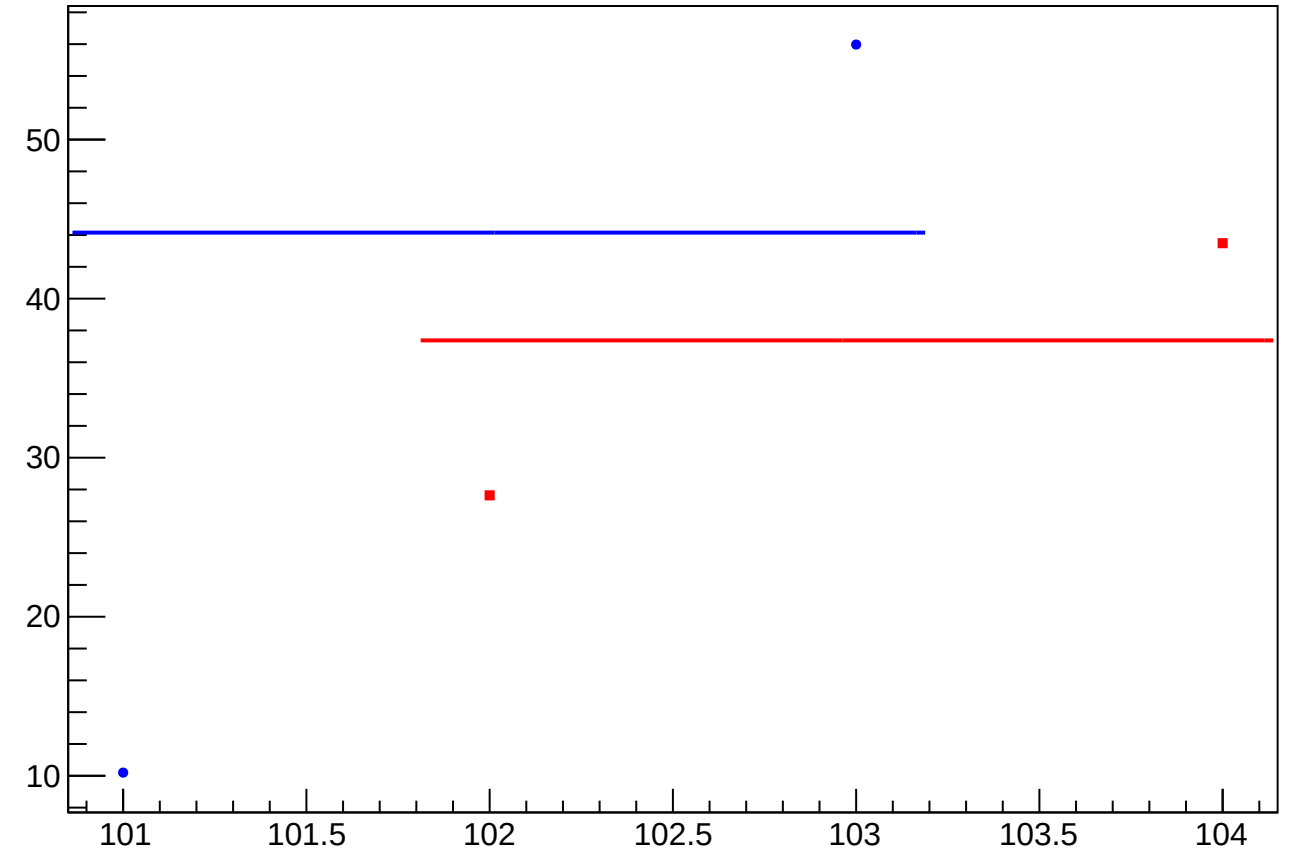
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 2.562+/-2.031 χ^2/NDF: 30.4/3

In: 9.574+/-2.811 χ^2/NDF:17.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 2.562+/-2.031 χ^2/NDF: 30.4/3



Right In: 44.150+/-0.102 χ^2/NDF: 38597.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 37.373+/-0.094 χ^2/NDF: 6752.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

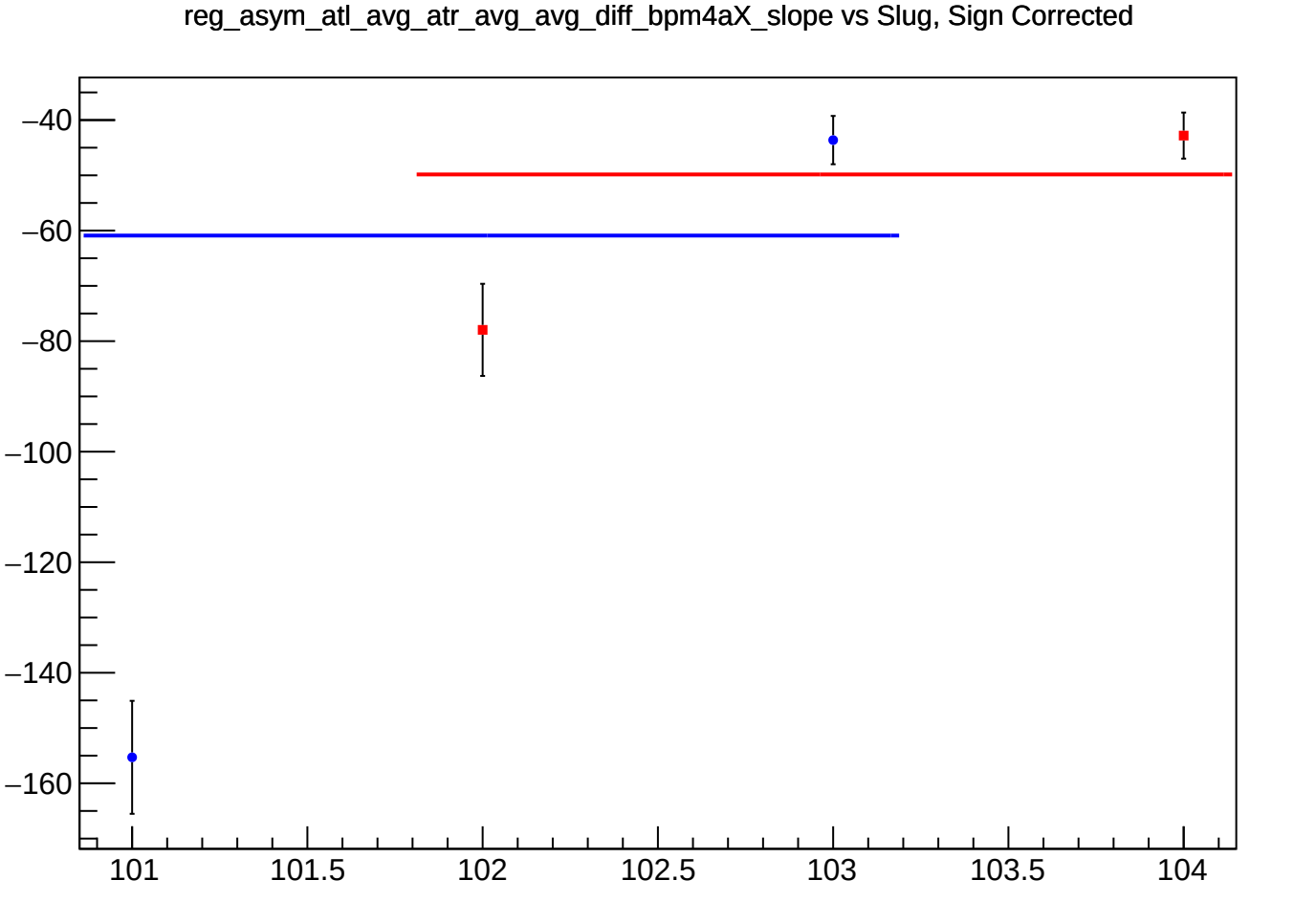
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 40.483+/-0.069 χ^2/NDF: 47740.0/3

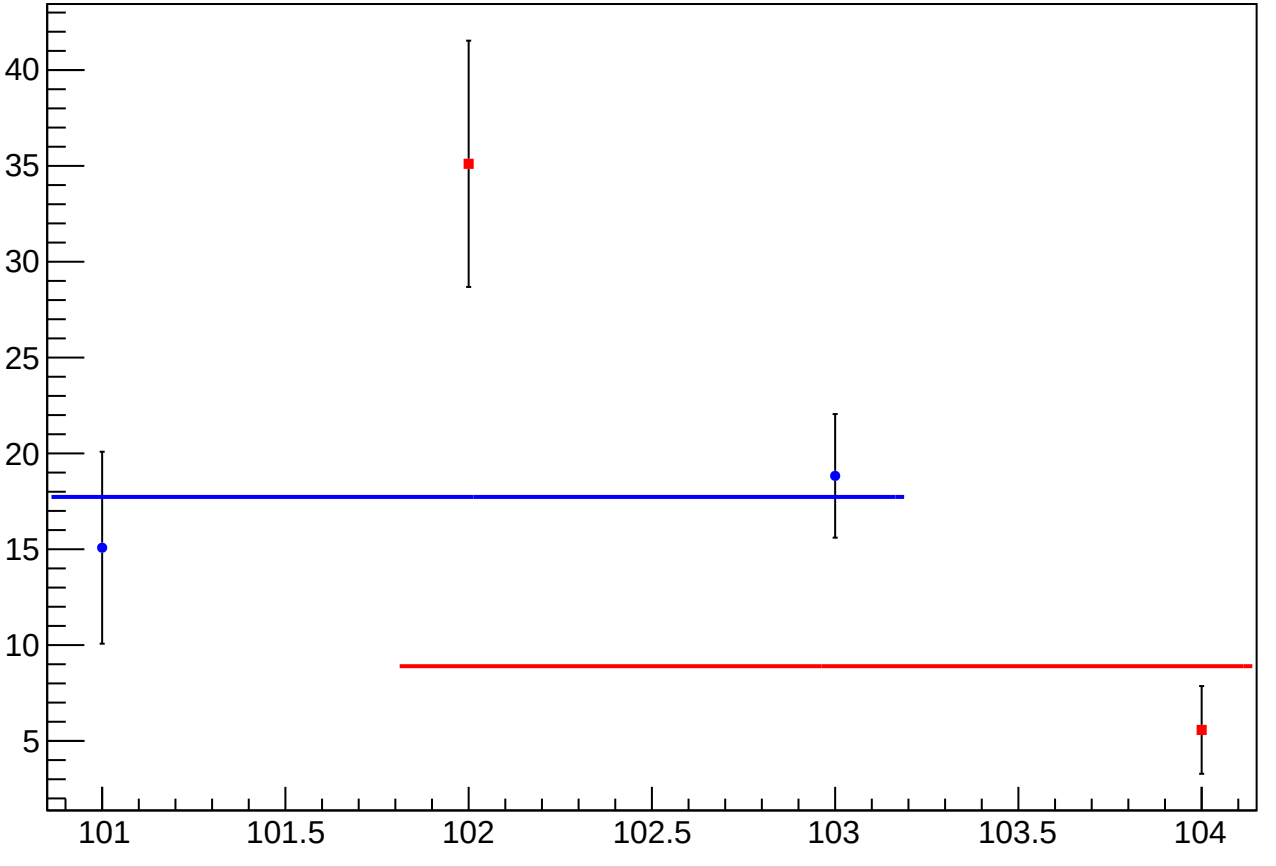
In: 44.150+/-0.102 χ^2/NDF:38597.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 40.483+/-0.069 χ^2/NDF: 47740.0/3


reg_asym_atl_avg_atr_avg_avg_diff_bpm4aX_slope vs Slug, Sign Corrected
−40
−60
−80
−100
−120
−140
−160
101
101.5
102
102.5
103
103.5
104
Right In: -60.898+/-4.019 χ2/NDF: 100.9/1
Left Out: 0.000+/-0.000 χ2/NDF:0.0/0
Right Out: -49.838+/-3.726 χ2/NDF: 14.2/1
Left In: 0.000+/-0.000 χ2/NDF:0.0/0
Left: 0.000+/-0.000 χ2/NDF: 0.0/0
Right: -54.951+/-2.733 χ2/NDF: 119.3/3
In: -60.898+/-4.019 χ2/NDF:100.9/1
Out: 0.000+/-0.000 χ2/NDF:0.0/0
All: -54.951+/-2.733 χ2/NDF: 119.3/3

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.730+/-2.711 χ^2/NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 8.899+/-2.156 χ^2/NDF: 18.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

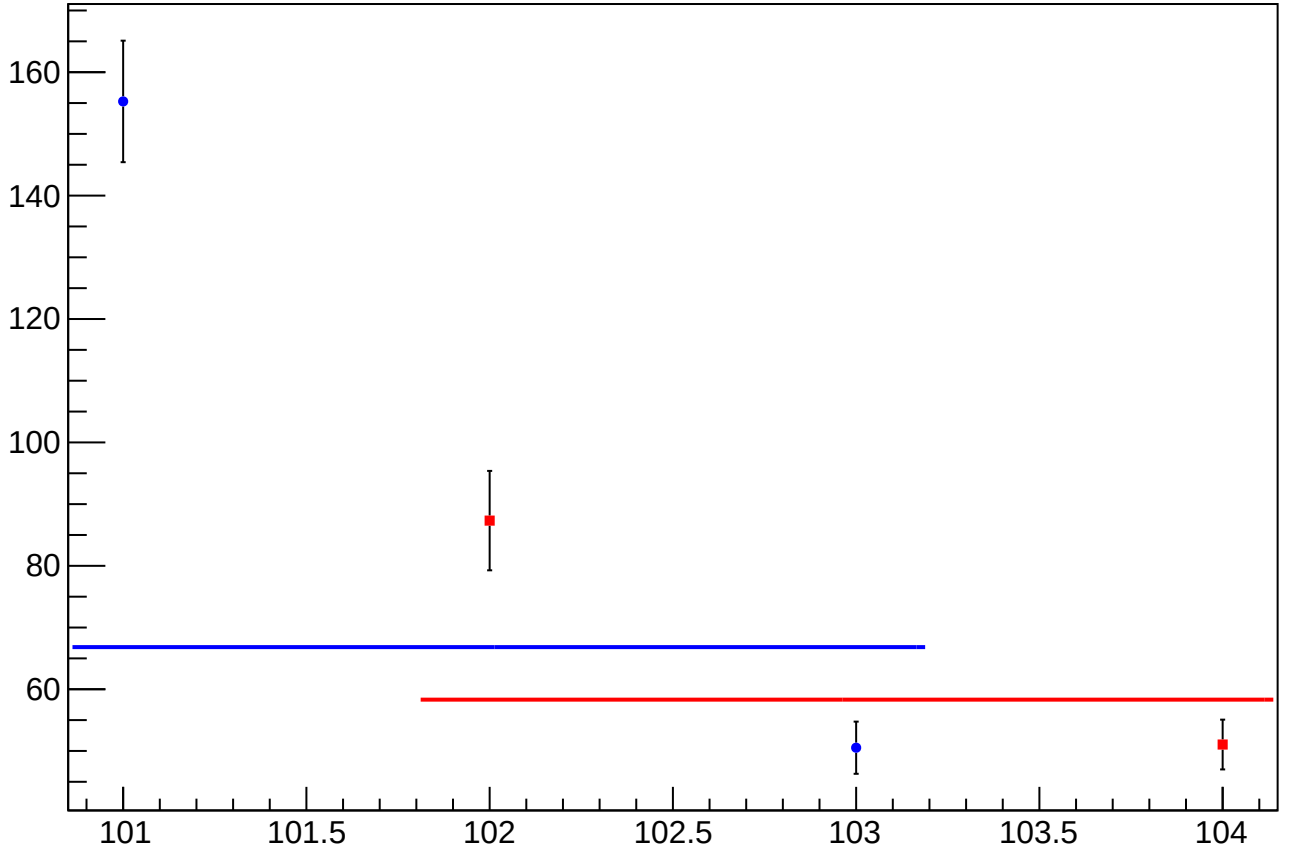
Right: 12.320+/-1.687 χ^2/NDF: 25.7/3

In: 17.730+/-2.711 χ^2/NDF:0.4/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 12.320+/-1.687 χ^2/NDF: 25.7/3

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.828+/-3.885 χ^2/NDF: 95.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 58.314+/-3.607 χ^2/NDF: 16.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

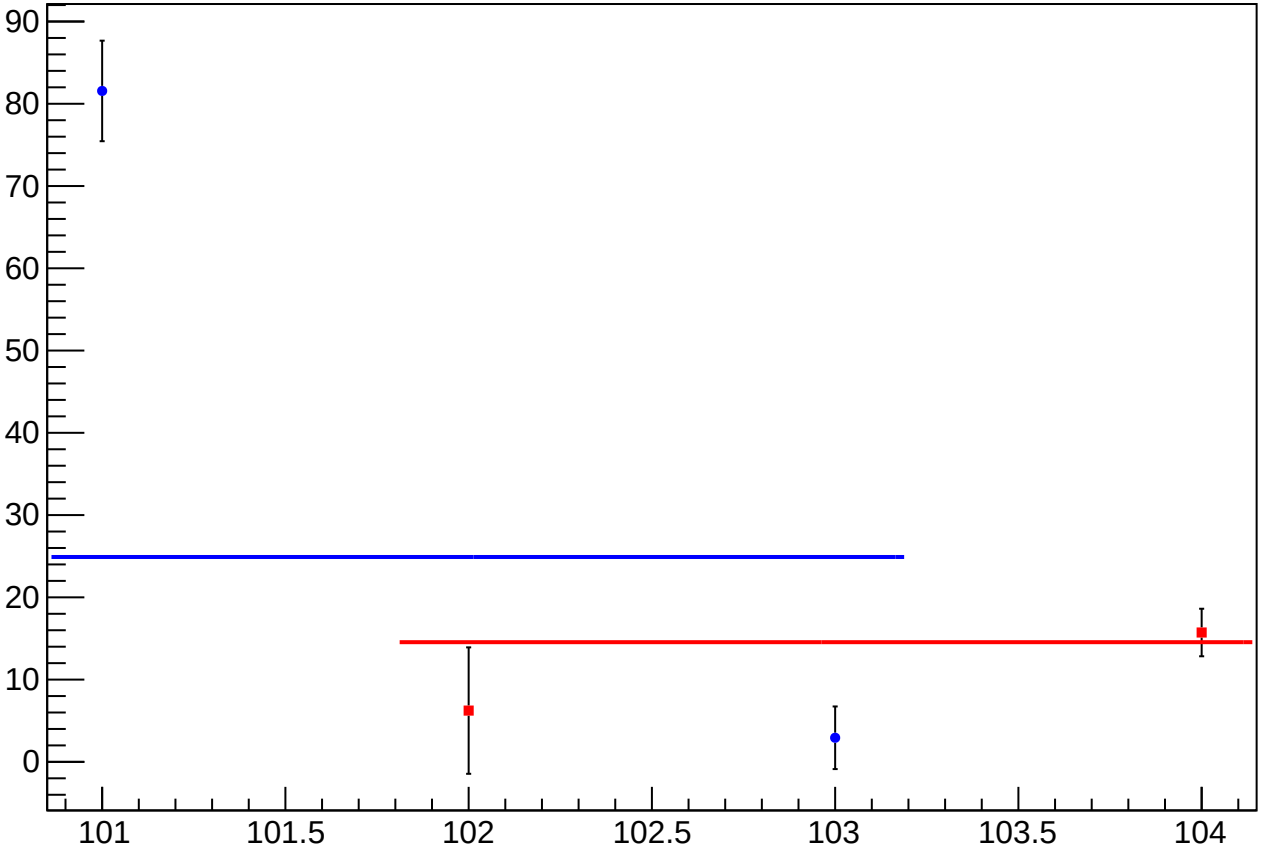
Right: 62.256+/-2.643 χ^2/NDF: 114.3/3

In: 66.828+/-3.885 χ^2/NDF:95.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 62.256+/-2.643 χ^2/NDF: 114.3/3

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.905+/-3.230 χ^2/NDF: 119.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 14.549+/-2.705 χ^2/NDF: 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

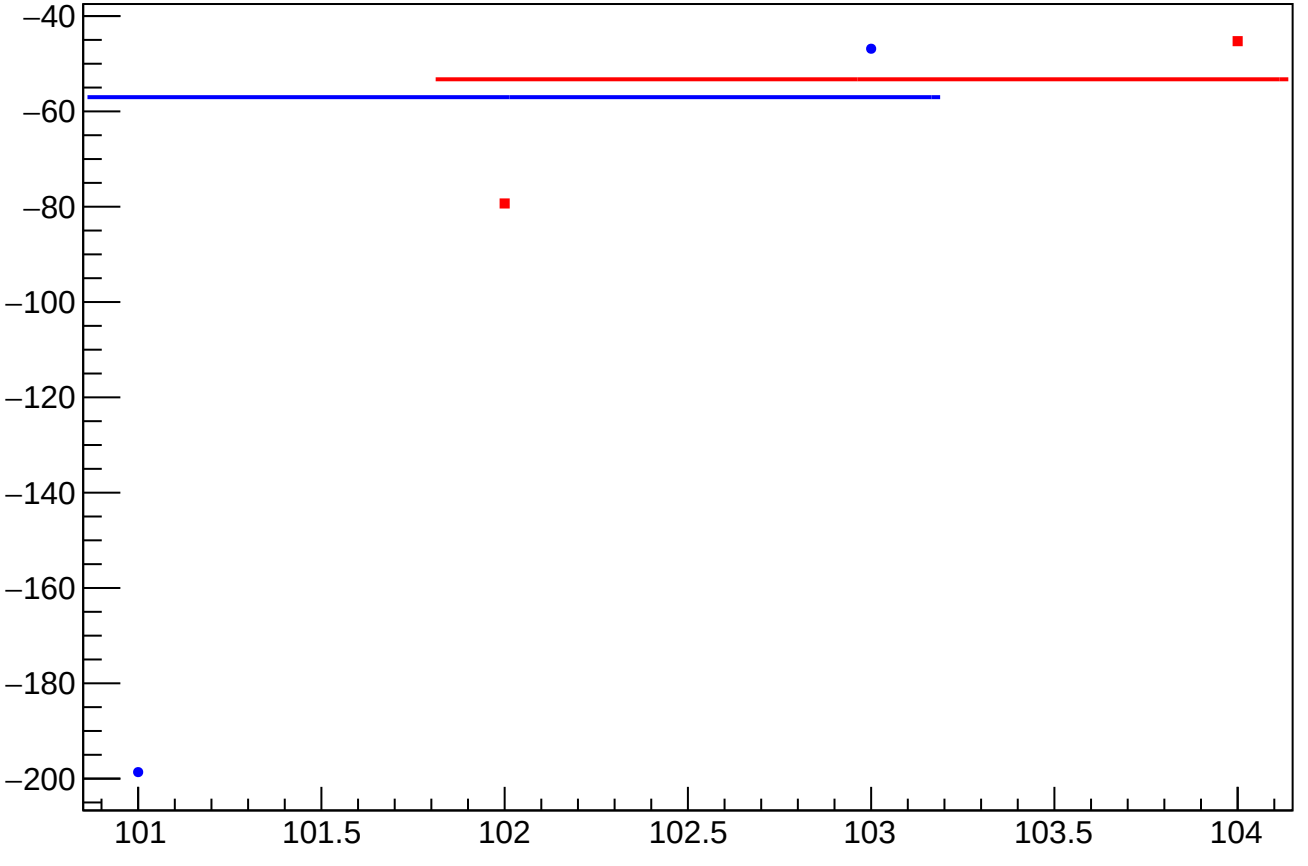
Right: 18.817+/-2.074 χ^2/NDF: 126.7/3

In: 24.905+/-3.230 χ^2/NDF:119.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 18.817+/-2.074 χ^2/NDF: 126.7/3

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -57.015+/-0.092 χ^2/NDF: 171183.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -53.265+/-0.089 χ^2/NDF: 26076.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

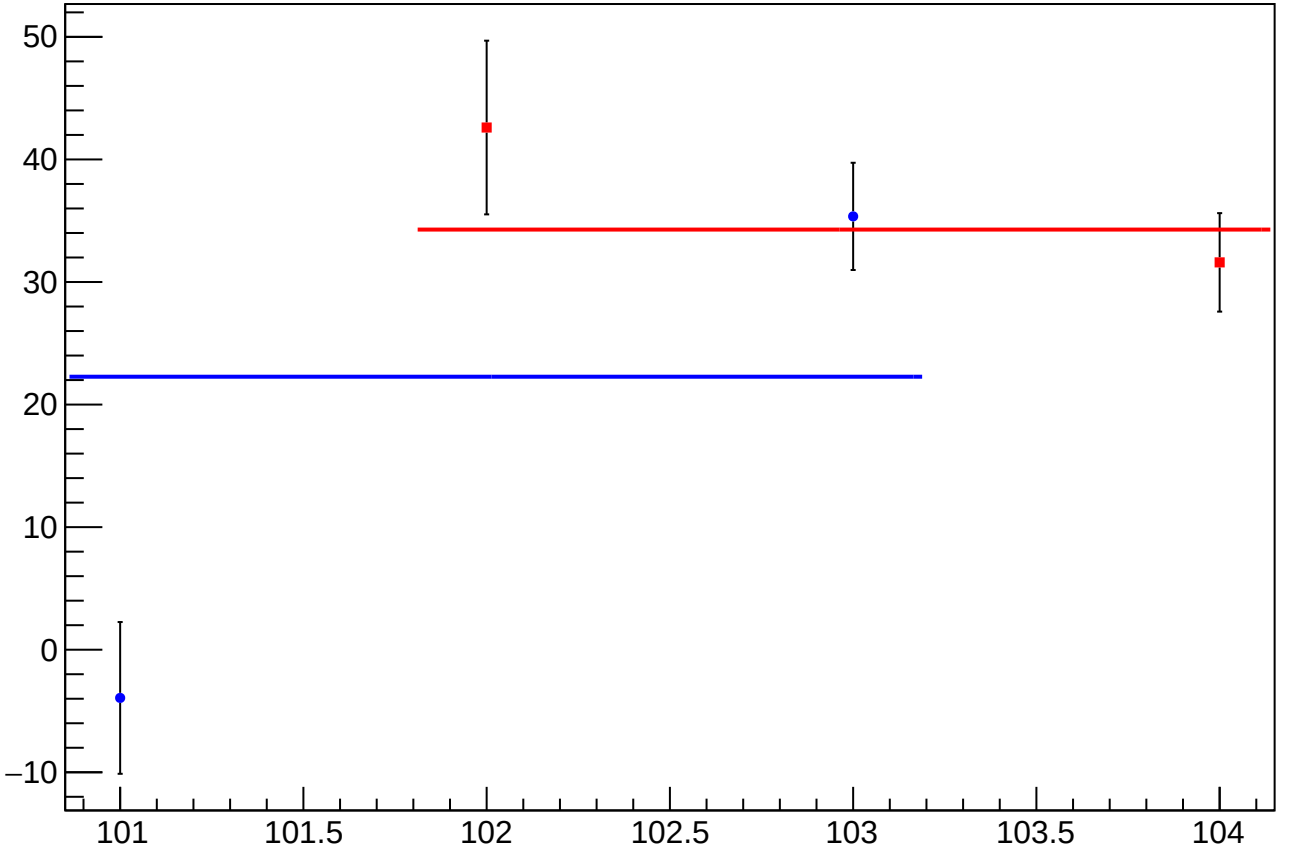
Right: -55.093+/-0.064 χ^2/NDF: 198117.8/3

In: -57.015+/-0.092 χ^2/NDF:171183.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -55.093+/-0.064 χ^2/NDF: 198117.8/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 22.273+/-3.573 χ^2/NDF: 26.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 34.278+/-3.495 χ^2/NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

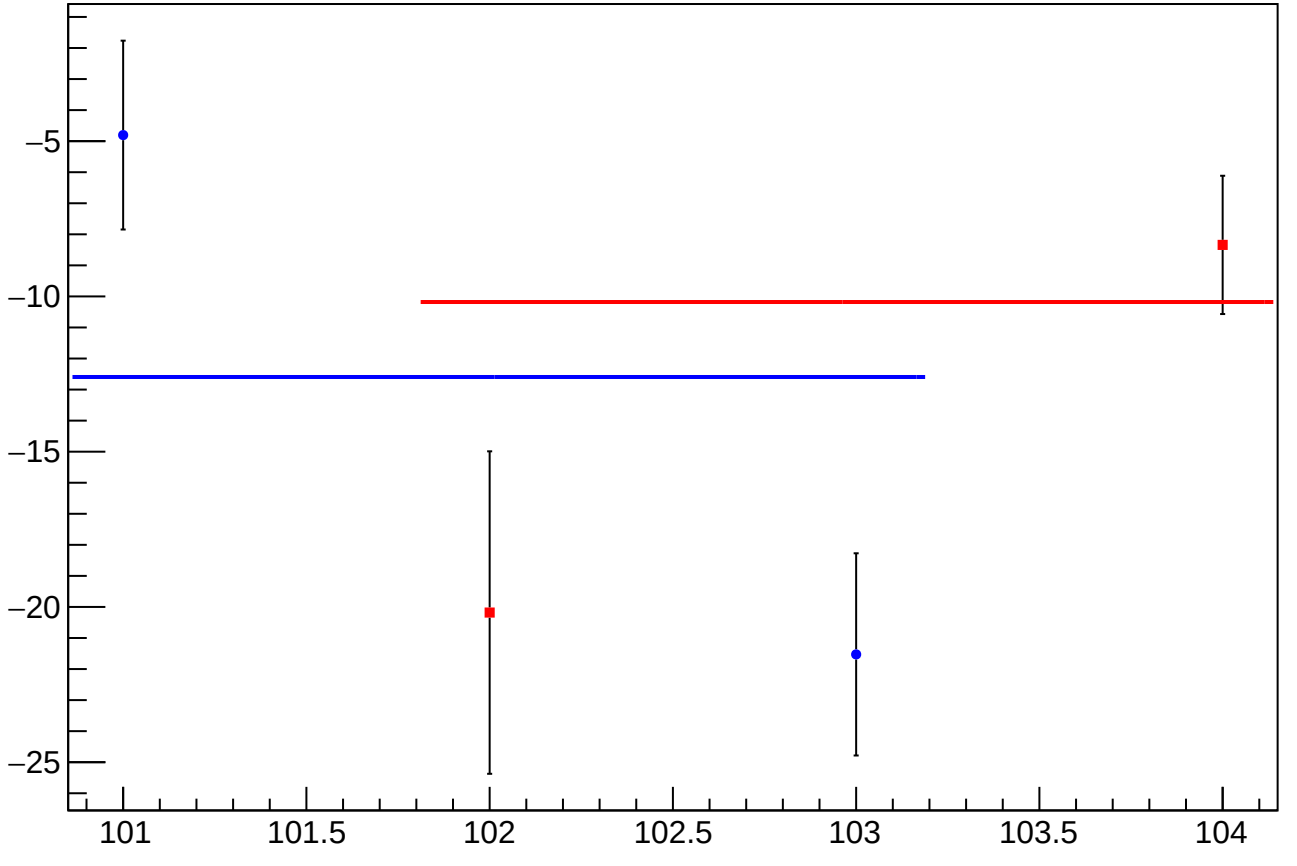
Right: 28.407+/-2.498 χ^2/NDF: 34.5/3

In: 22.273+/-3.573 χ^2/NDF:26.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 28.407+/-2.498 χ^2/NDF: 34.5/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.595+/-2.222 χ^2/NDF: 14.1/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -10.180+/-2.046 χ^2/NDF: 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

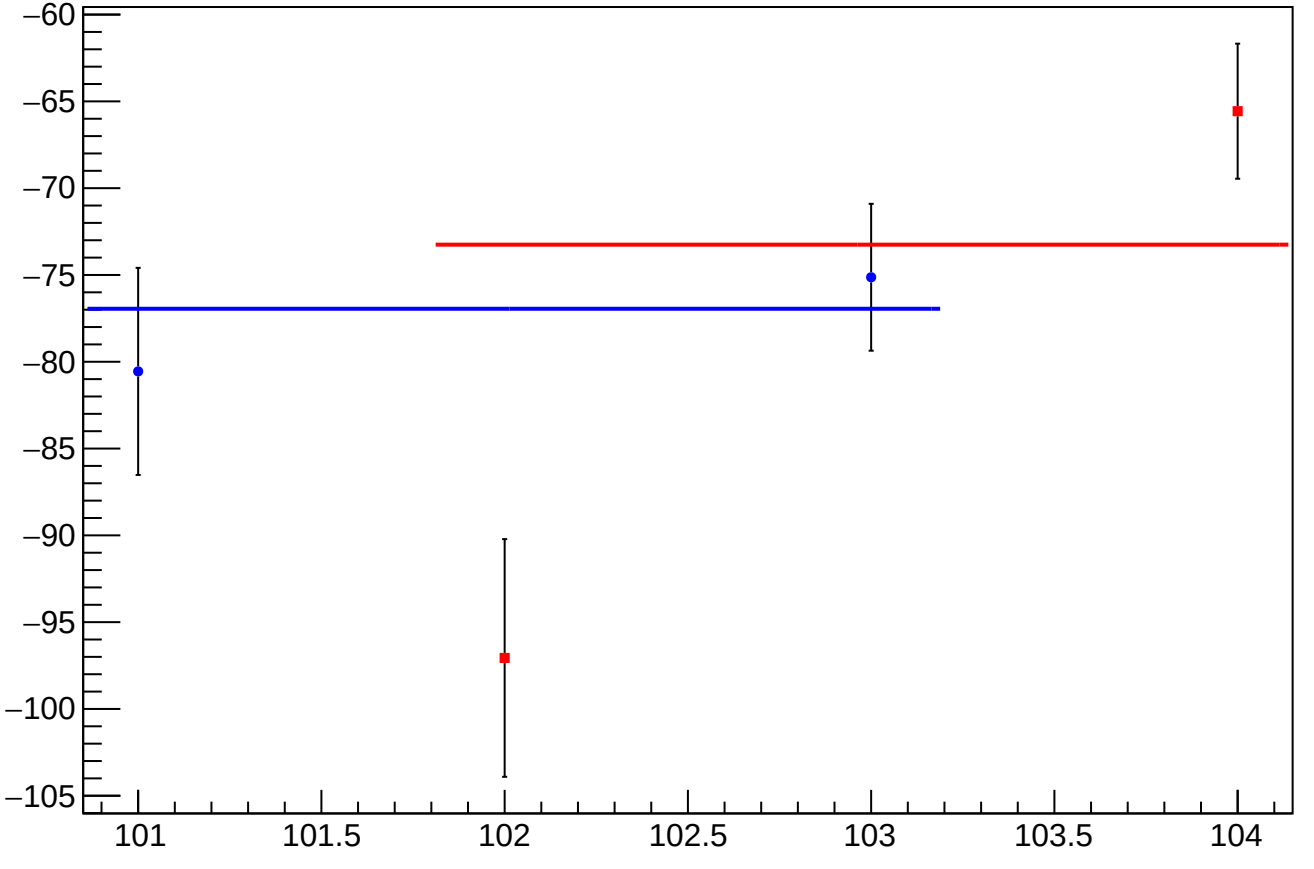
Right: -11.288+/-1.505 χ^2/NDF: 19.1/3

In: -12.595+/-2.222 χ^2/NDF:14.1/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -11.288+/-1.505 χ^2/NDF: 19.1/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.946+/-3.451 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -73.254+/-3.382 χ^2/NDF: 16.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

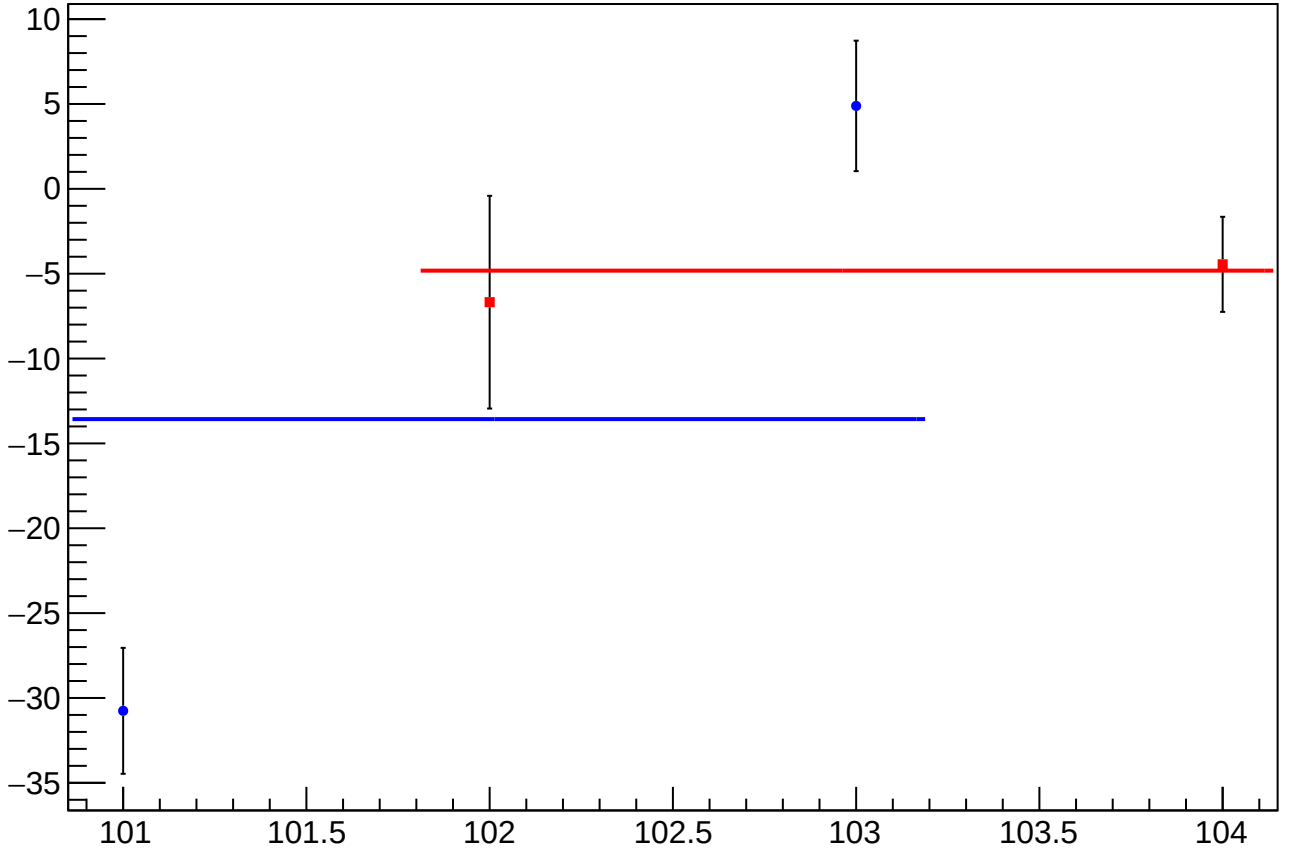
Right: -75.063+/-2.415 χ^2/NDF: 17.1/3

In: -76.946+/-3.451 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -75.063+/-2.415 χ^2/NDF: 17.1/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.569+/-2.670 χ^2/NDF: 44.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.820+/-2.557 χ^2/NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

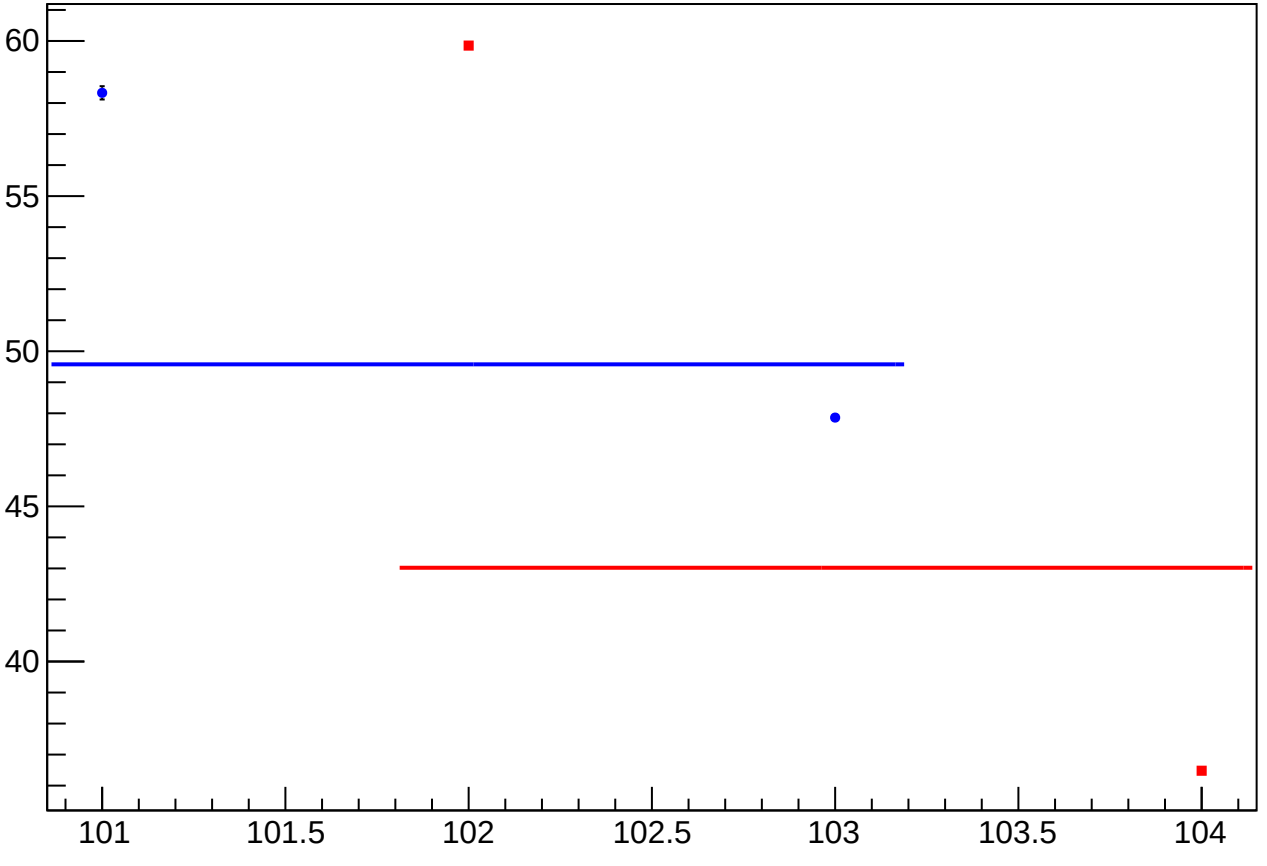
Right: -9.007+/-1.847 χ^2/NDF: 50.2/3

In: -13.569+/-2.670 χ^2/NDF:44.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -9.007+/-1.847 χ^2/NDF: 50.2/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 49.578+/-0.087 χ^2/NDF: 1992.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 43.022+/-0.084 χ^2/NDF: 15604.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

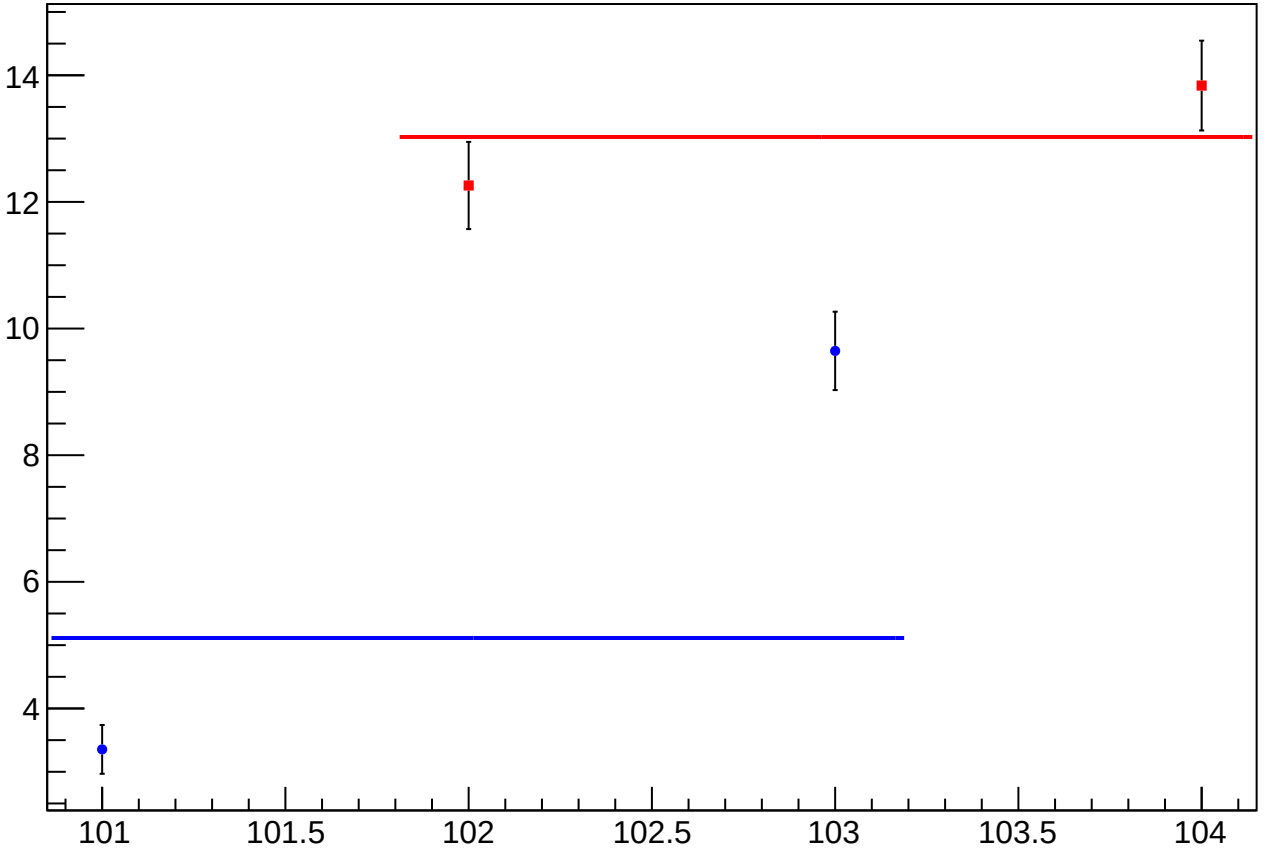
Right: 46.192+/-0.060 χ^2/NDF: 20543.7/3

In: 49.578+/-0.087 χ^2/NDF:1992.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 46.192+/-0.060 χ^2/NDF: 20543.7/3

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 5.113+/-0.327 χ^2/NDF: 74.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.025+/-0.494 χ^2/NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

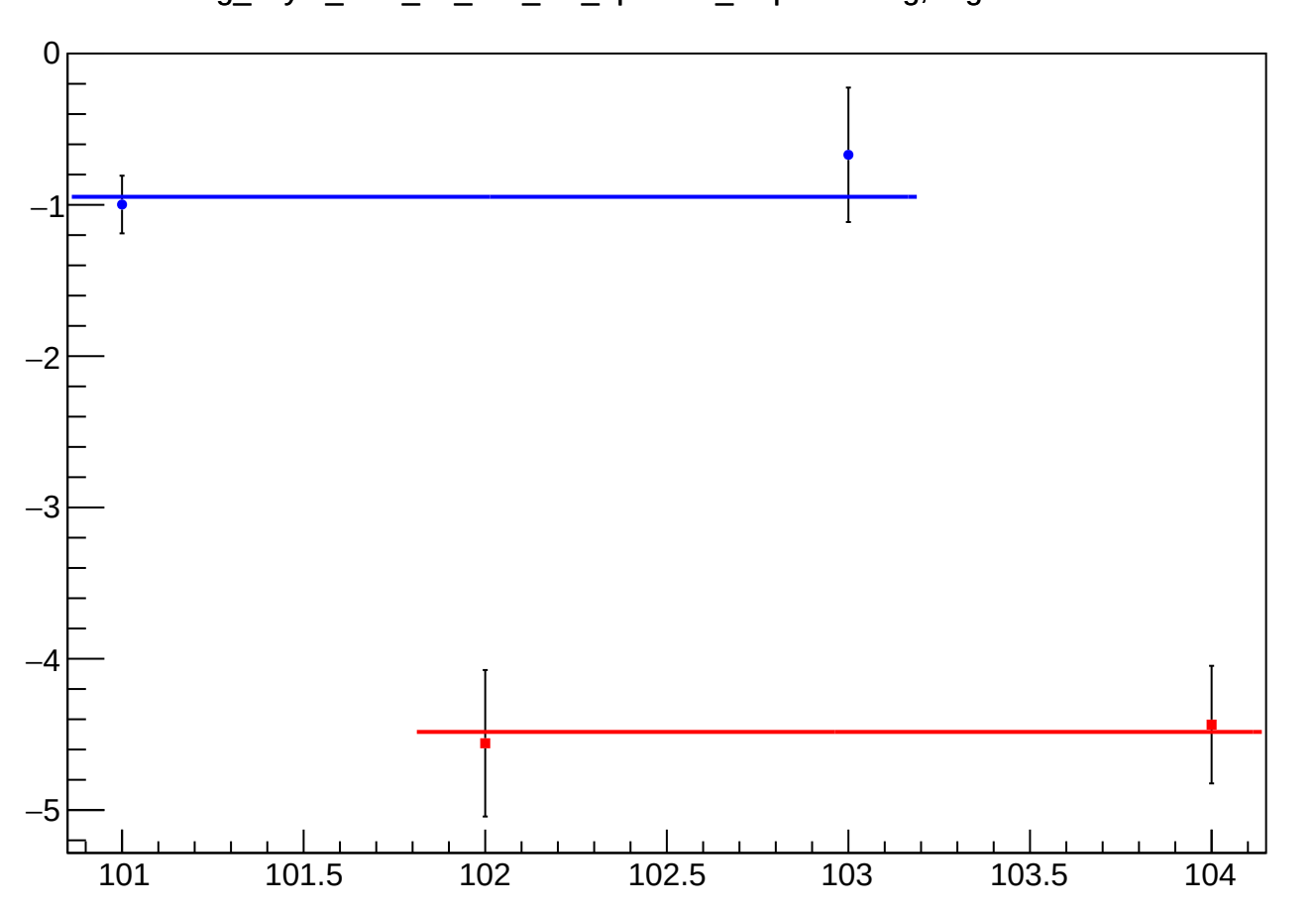
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.526+/-0.273 χ^2/NDF: 255.4/3

In: 5.113+/-0.327 χ^2/NDF:74.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.526+/-0.273 χ^2/NDF: 255.4/3



Right In: -0.947+/-0.175 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.484+/-0.303 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

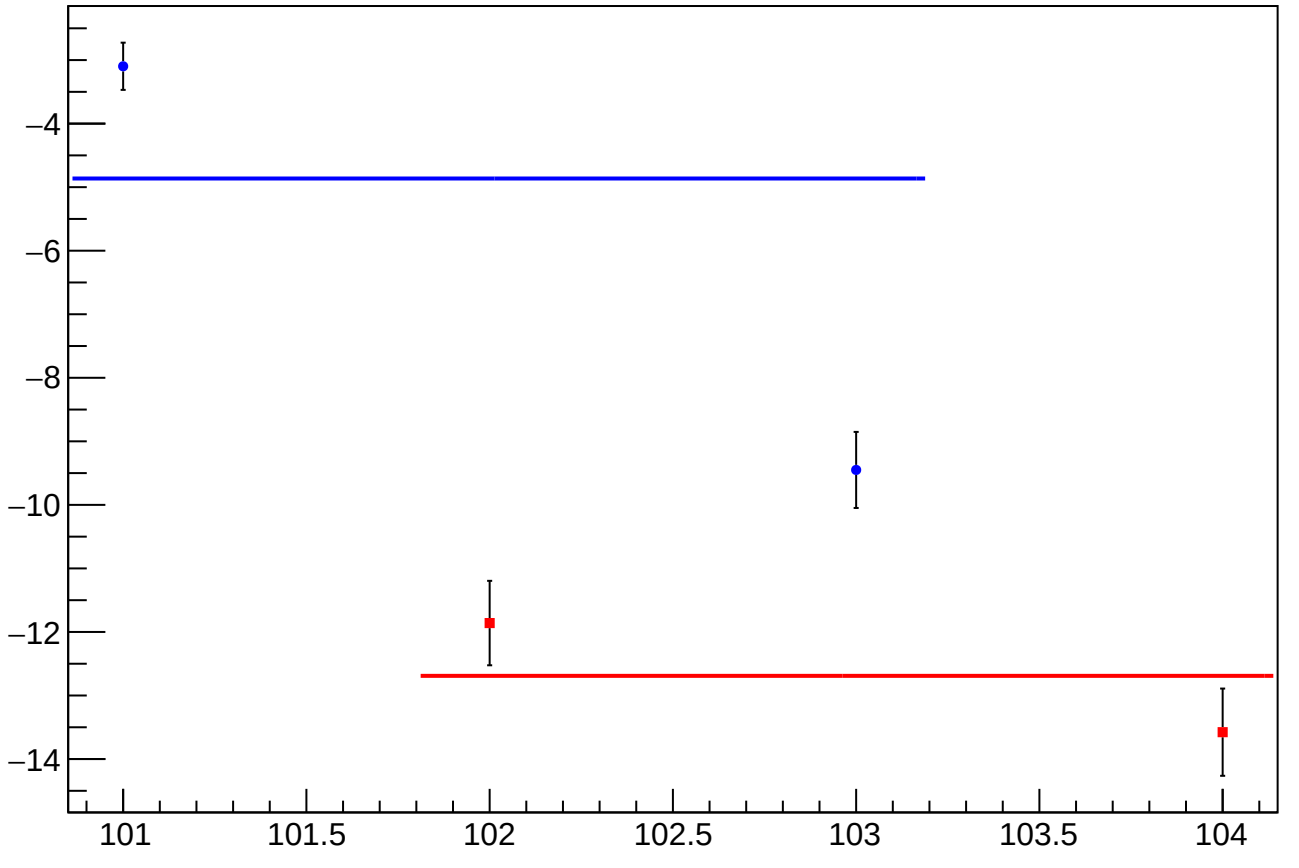
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.832+/-0.152 χ^2/NDF: 102.6/3

In: -0.947+/-0.175 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.832+/-0.152 χ^2/NDF: 102.6/3



Right In: -4.864+/-0.316 χ^2/NDF: 81.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.691+/-0.477 χ^2/NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

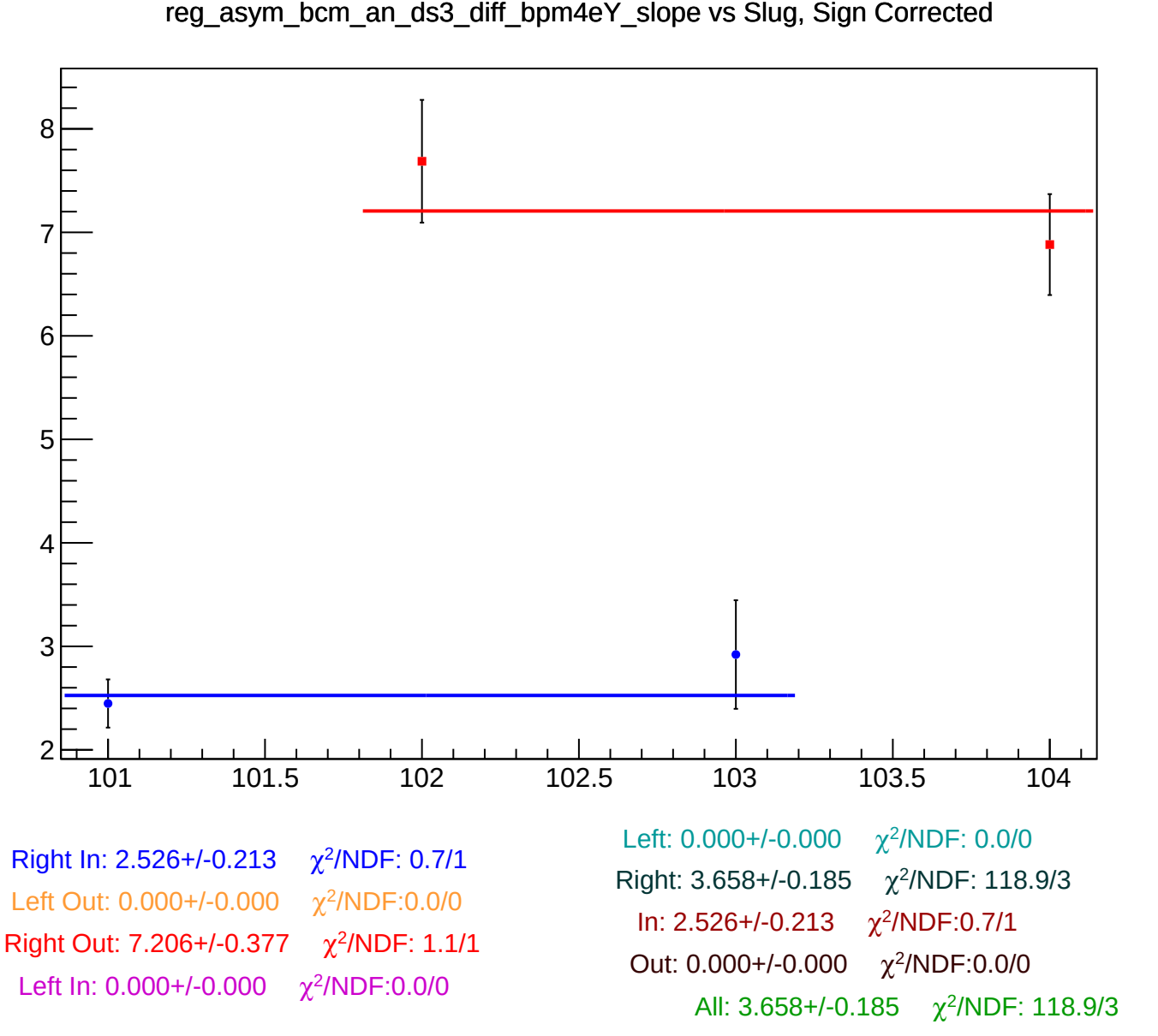
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.244+/-0.263 χ^2/NDF: 271.6/3

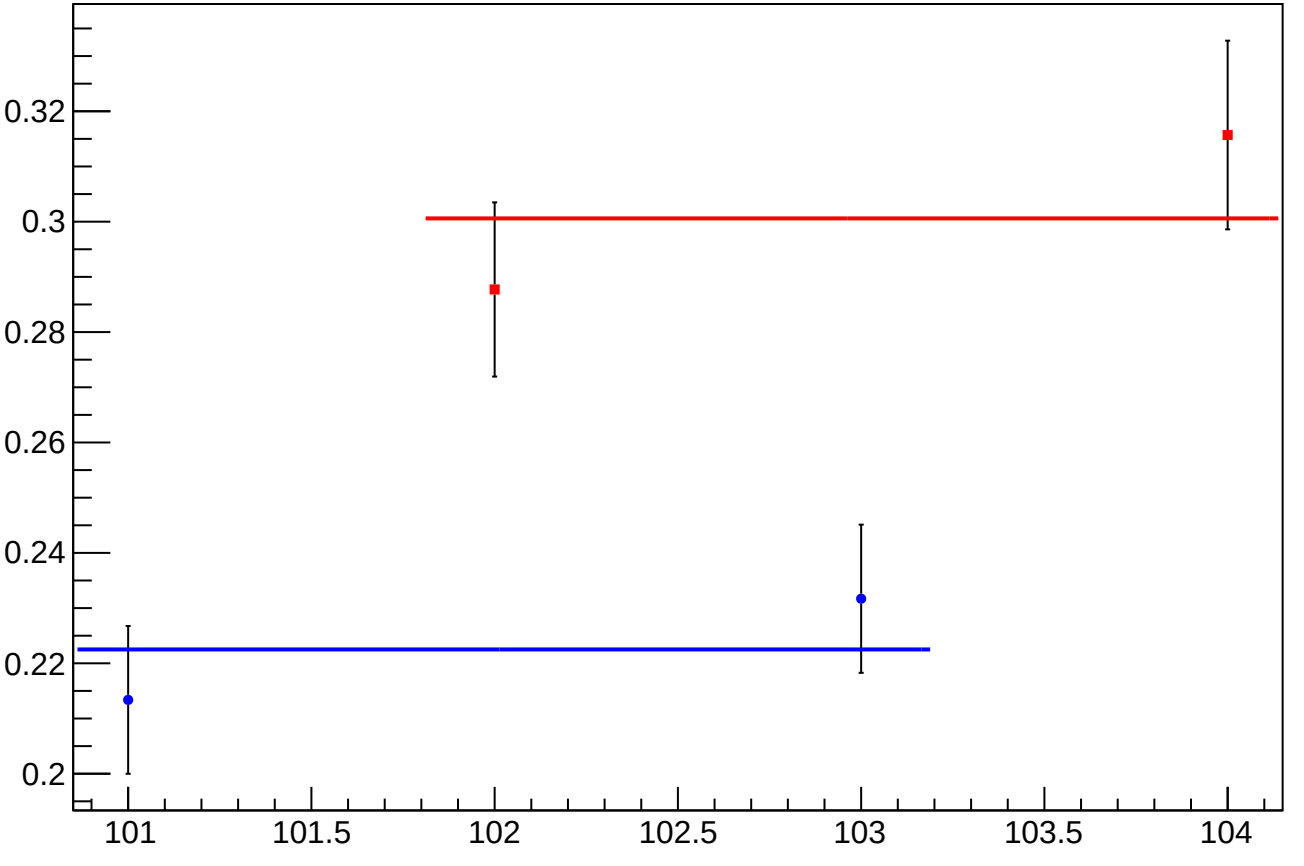
In: -4.864+/-0.316 χ^2/NDF:81.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.244+/-0.263 χ^2/NDF: 271.6/3


reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected
8
7
6
5
4
3
2
101
101.5
102
102.5
103
103.5
104
Right In: 2.526+/-0.213 χ²/NDF: 0.7/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 7.206+/-0.377 χ²/NDF: 1.1/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 3.658+/-0.185 χ²/NDF: 118.9/3
In: 2.526+/-0.213 χ²/NDF:0.7/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 3.658+/-0.185 χ²/NDF: 118.9/3

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.223+/-0.009 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.301+/-0.012 χ^2/NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

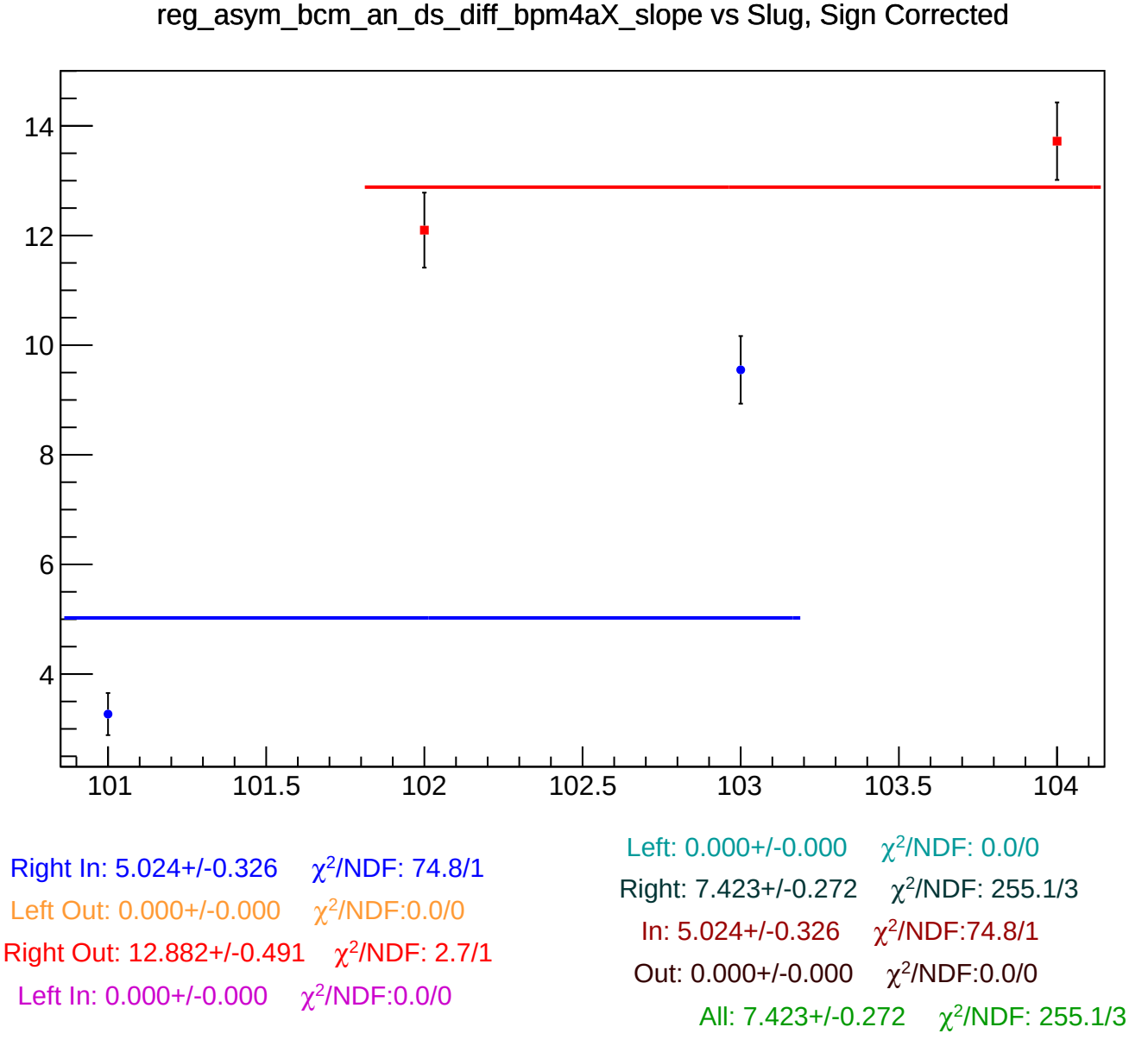
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

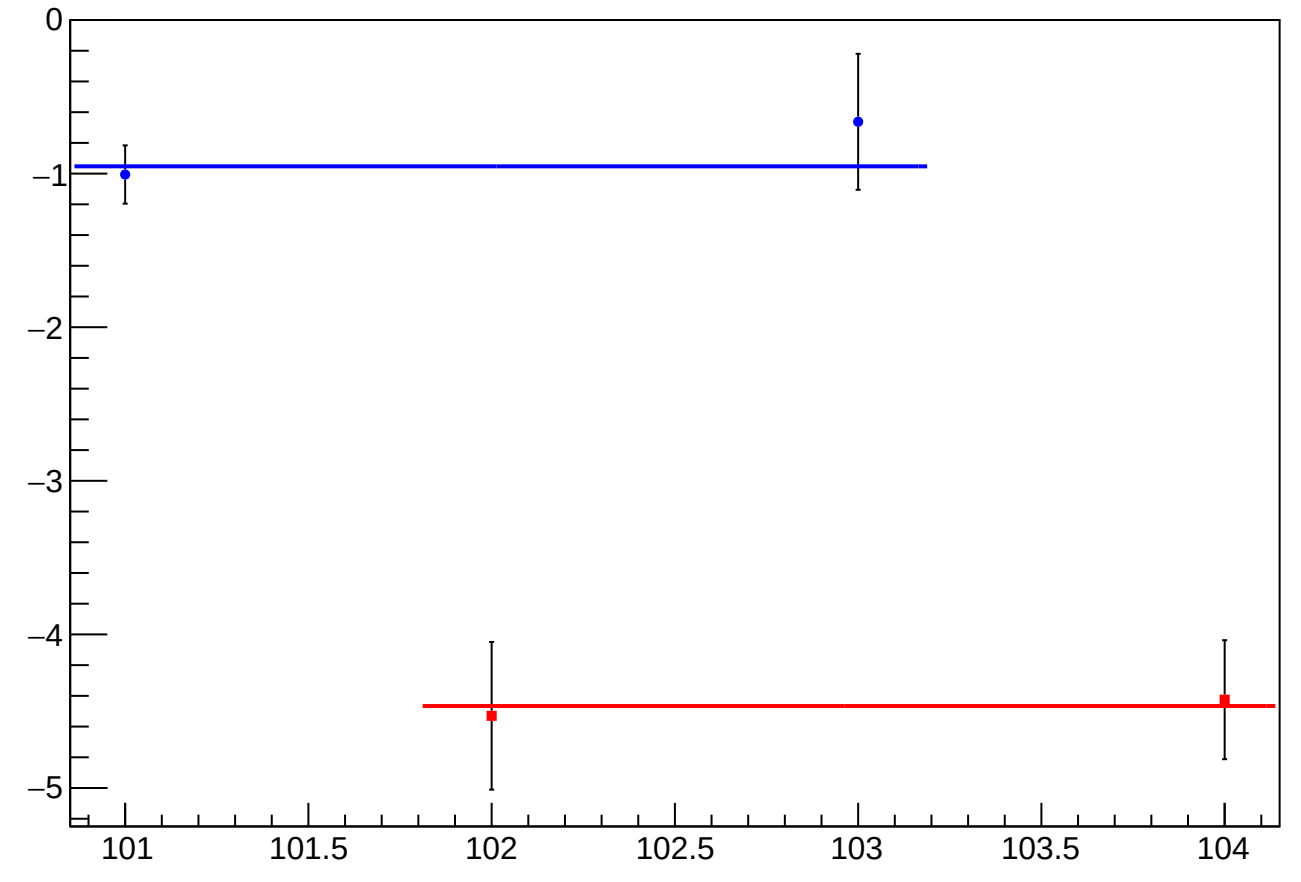
Right: 0.254+/-0.007 χ^2/NDF: 29.6/3

In: 0.223+/-0.009 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.254+/-0.007 χ^2/NDF: 29.6/3


reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug, Sign Corrected
14
12
10
8
6
4
101
101.5
102
102.5
103
103.5
104
Right In: 5.024+/-0.326 χ²/NDF: 74.8/1
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 12.882+/-0.491 χ²/NDF: 2.7/1
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
Left: 0.000+/-0.000 χ²/NDF: 0.0/0
Right: 7.423+/-0.272 χ²/NDF: 255.1/3
In: 5.024+/-0.326 χ²/NDF:74.8/1
Out: 0.000+/-0.000 χ²/NDF:0.0/0
All: 7.423+/-0.272 χ²/NDF: 255.1/3



Right In: -0.953+/-0.174 χ^2/NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.466+/-0.302 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

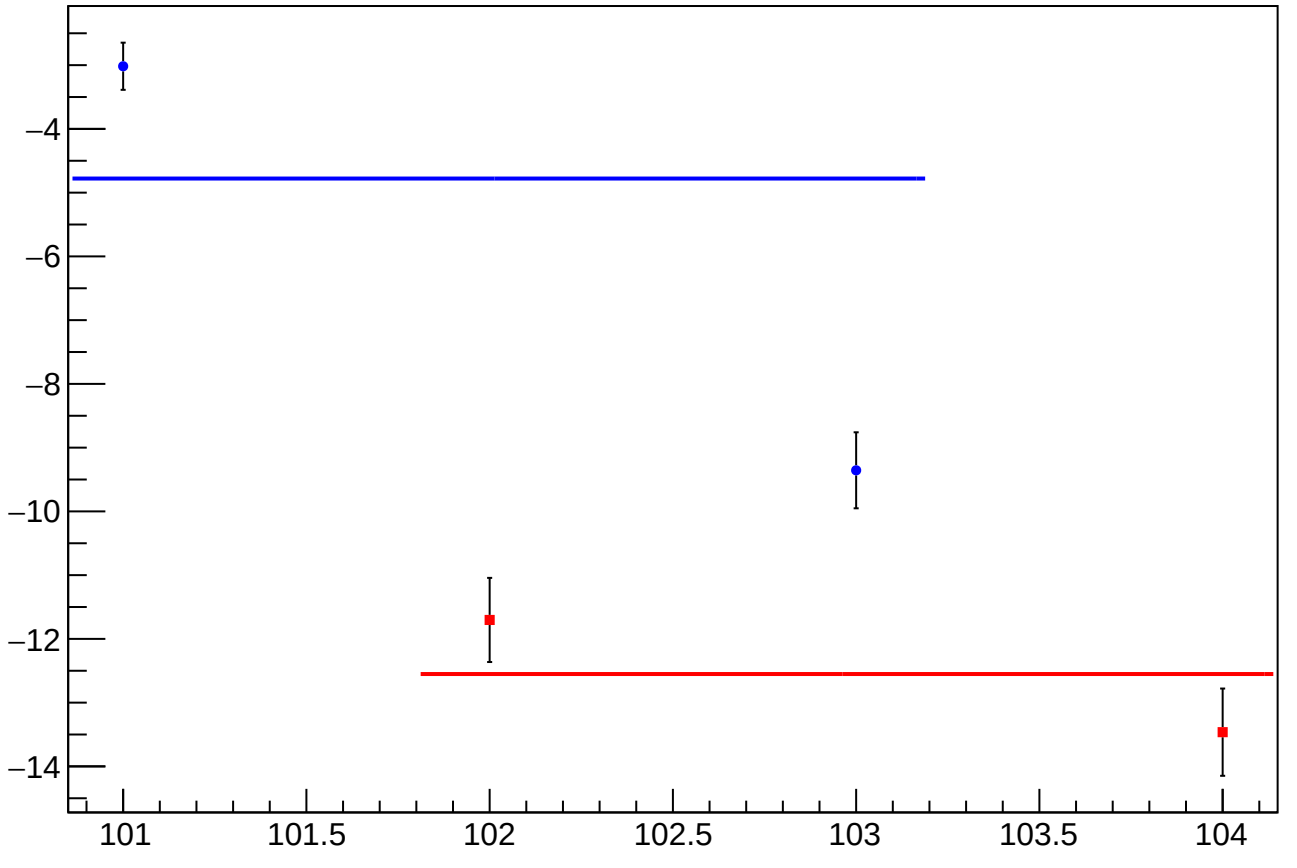
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.833+/-0.151 χ^2/NDF: 102.2/3

In: -0.953+/-0.174 χ^2/NDF:0.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.833+/-0.151 χ^2/NDF: 102.2/3



Right In: -4.779+/-0.314 χ^2/NDF: 81.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.551+/-0.475 χ^2/NDF: 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

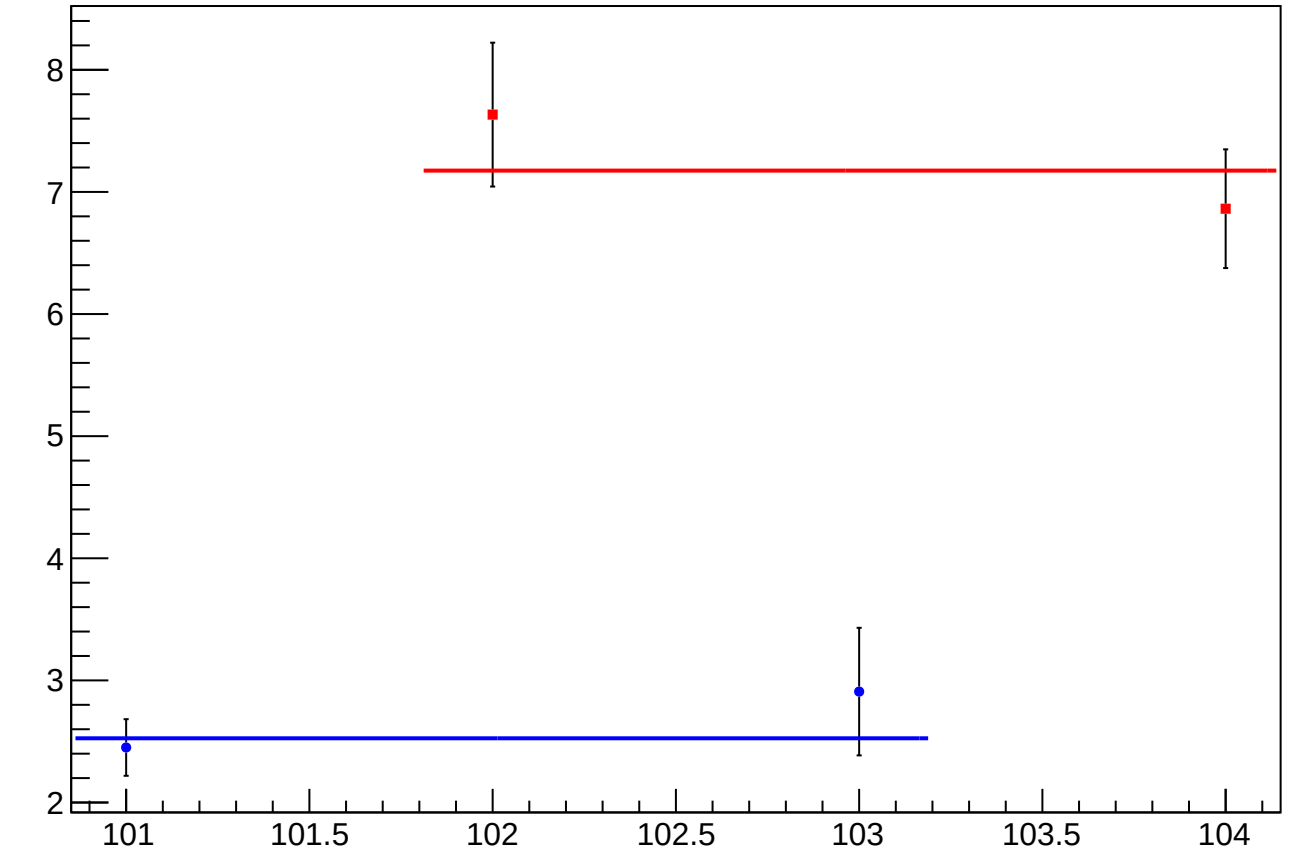
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.145+/-0.262 χ^2/NDF: 271.2/3

In: -4.779+/-0.314 χ^2/NDF:81.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.145+/-0.262 χ^2/NDF: 271.2/3



Right In: 2.526+/-0.212 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.175+/-0.375 χ^2/NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

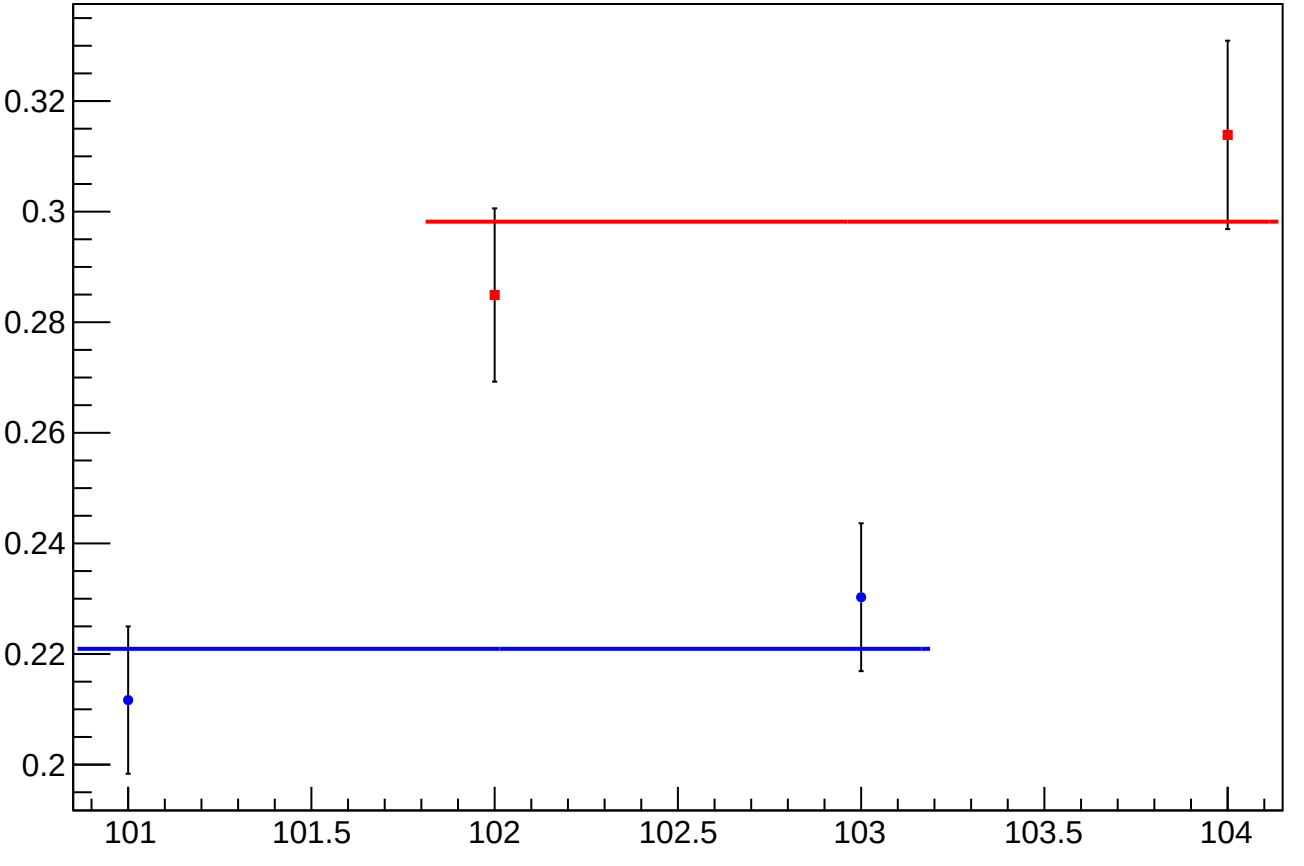
Right: 3.651+/-0.184 χ^2/NDF: 118.2/3

In: 2.526+/-0.212 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.651+/-0.184 χ^2/NDF: 118.2/3

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.221+/-0.009 χ^2/NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.298+/-0.012 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

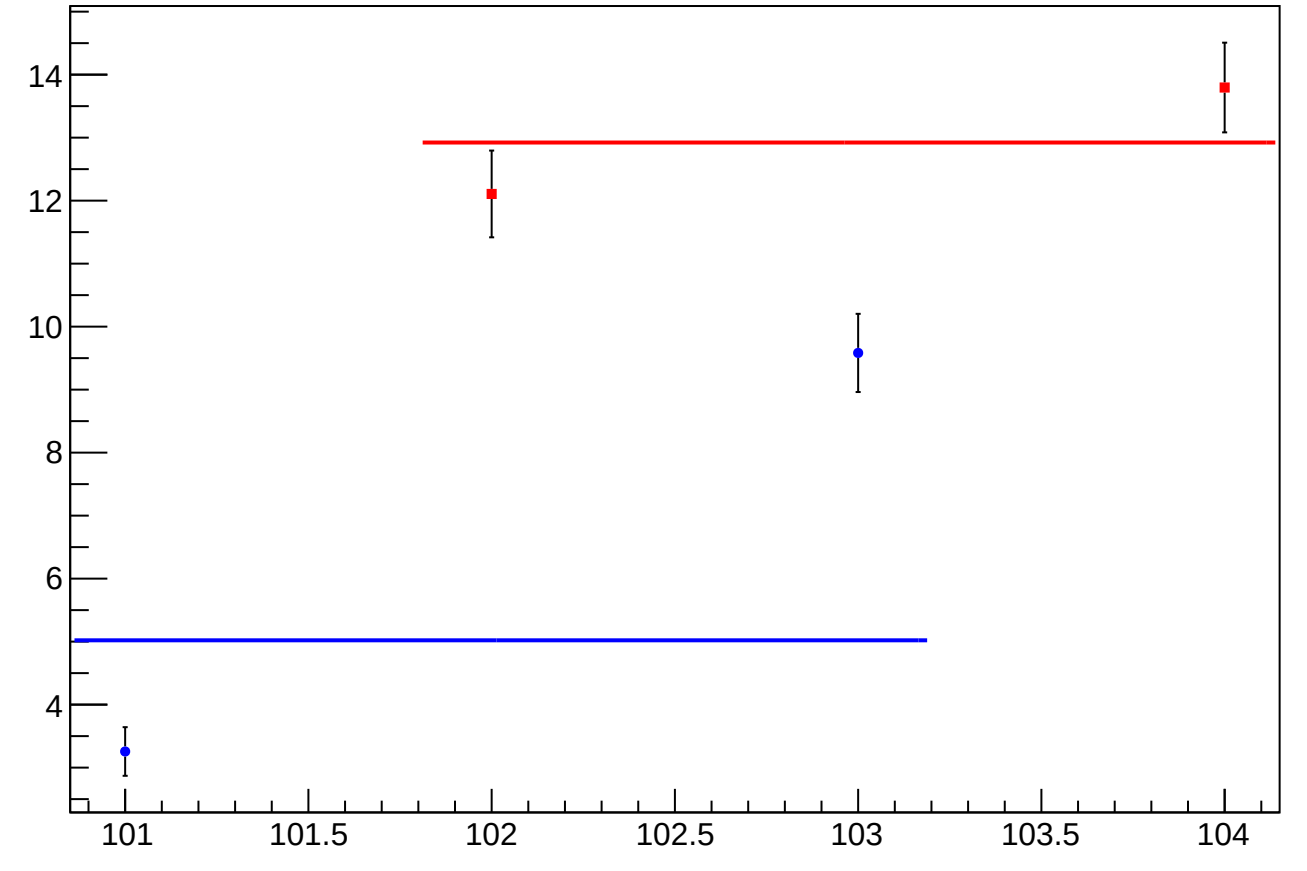
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.252+/-0.007 χ^2/NDF: 29.4/3

In: 0.221+/-0.009 χ^2/NDF:1.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.252+/-0.007 χ^2/NDF: 29.4/3



Right In: 5.021+/-0.328 χ^2/NDF: 74.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 12.923+/-0.495 χ^2/NDF: 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

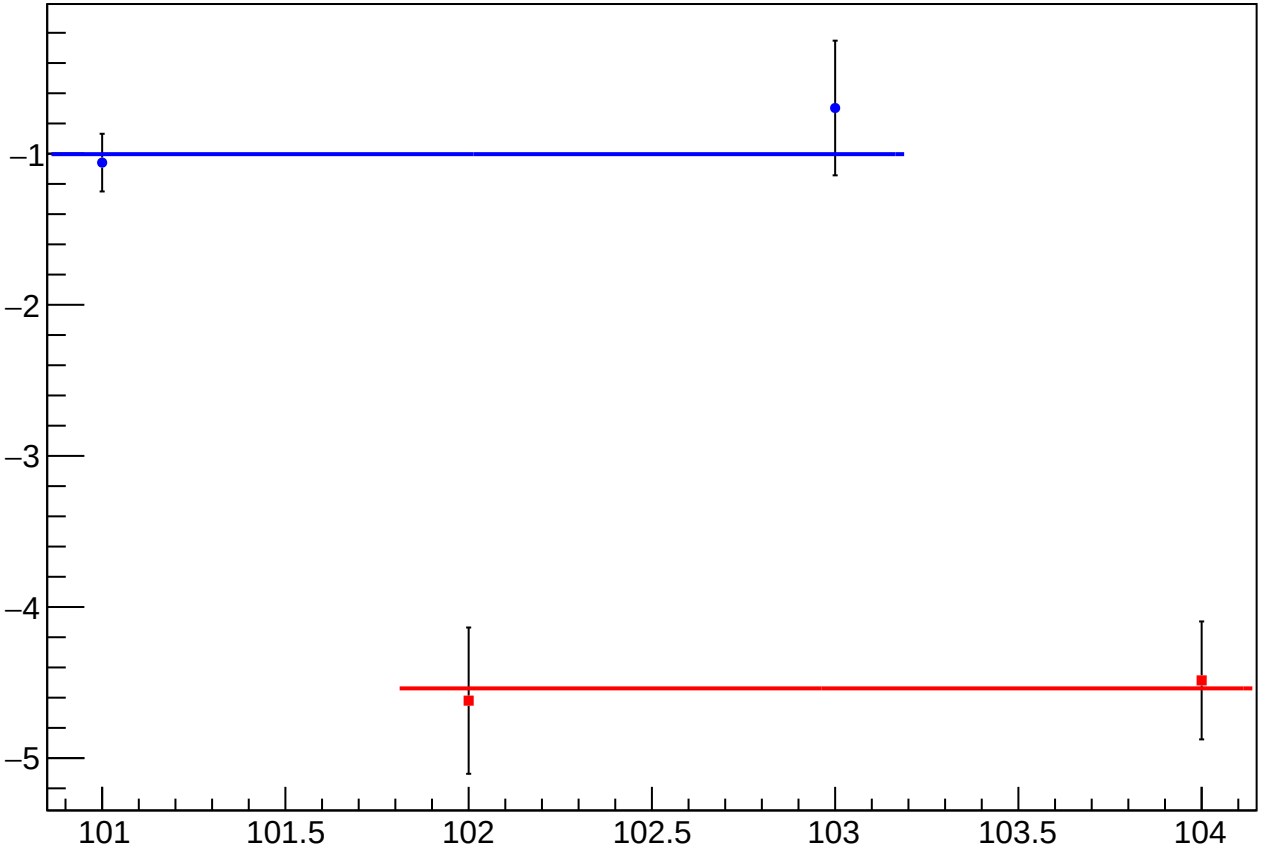
Right: 7.430+/-0.273 χ^2/NDF: 255.0/3

In: 5.021+/-0.328 χ^2/NDF:74.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.430+/-0.273 χ^2/NDF: 255.0/3

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.003+/-0.175 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.539+/-0.304 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

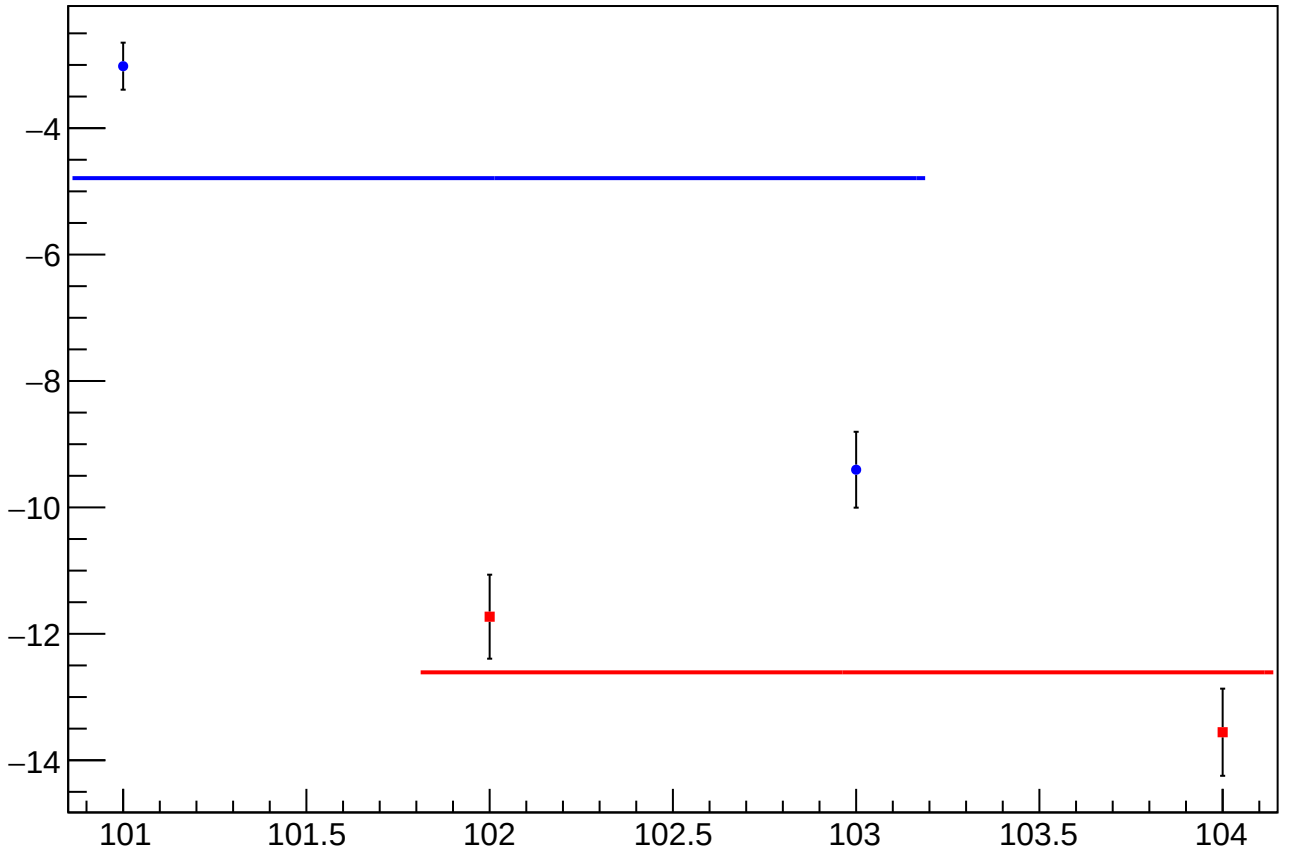
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.887+/-0.152 χ^2/NDF: 102.1/3

In: -1.003+/-0.175 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.887+/-0.152 χ^2/NDF: 102.1/3



Right In: -4.791+/-0.316 χ^2/NDF: 81.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.609+/-0.478 χ^2/NDF: 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

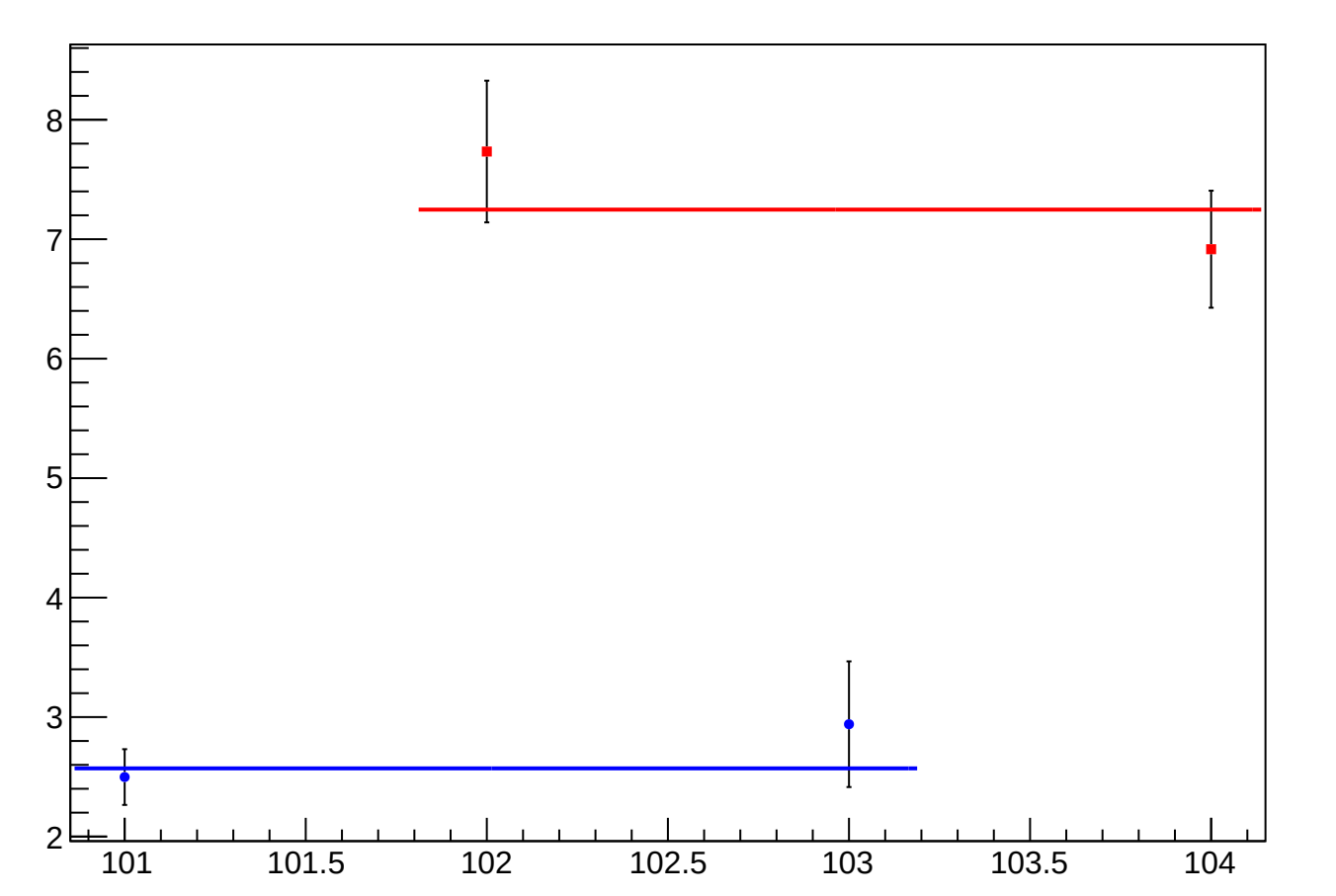
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.167+/-0.264 χ^2/NDF: 271.3/3

In: -4.791+/-0.316 χ^2/NDF:81.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.167+/-0.264 χ^2/NDF: 271.3/3



Right In: 2.571+/-0.213 χ^2/NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.248+/-0.378 χ^2/NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

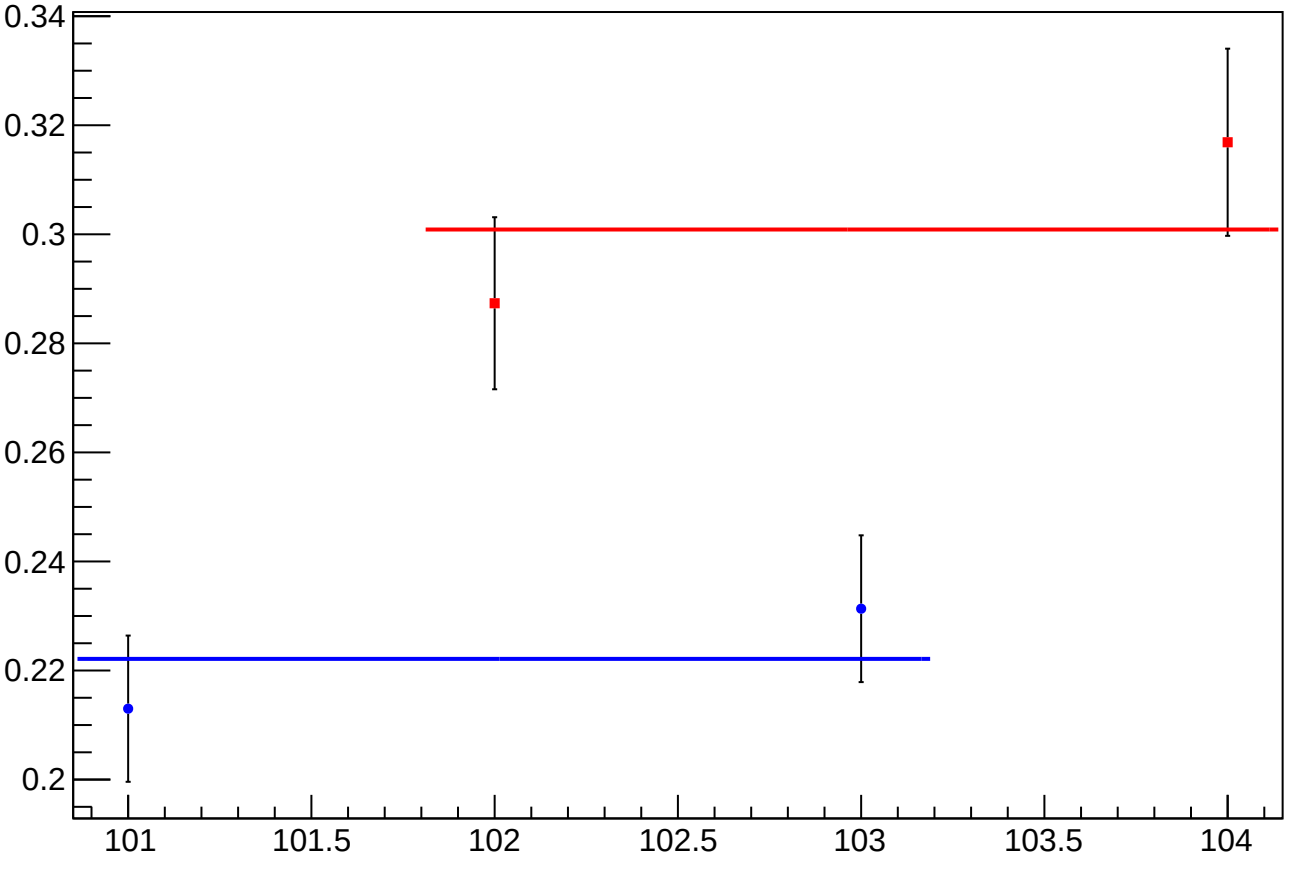
Right: 3.701+/-0.186 χ^2/NDF: 118.0/3

In: 2.571+/-0.213 χ^2/NDF:0.6/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.701+/-0.186 χ^2/NDF: 118.0/3

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.222+/-0.009 χ^2/NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.301+/-0.012 χ^2/NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

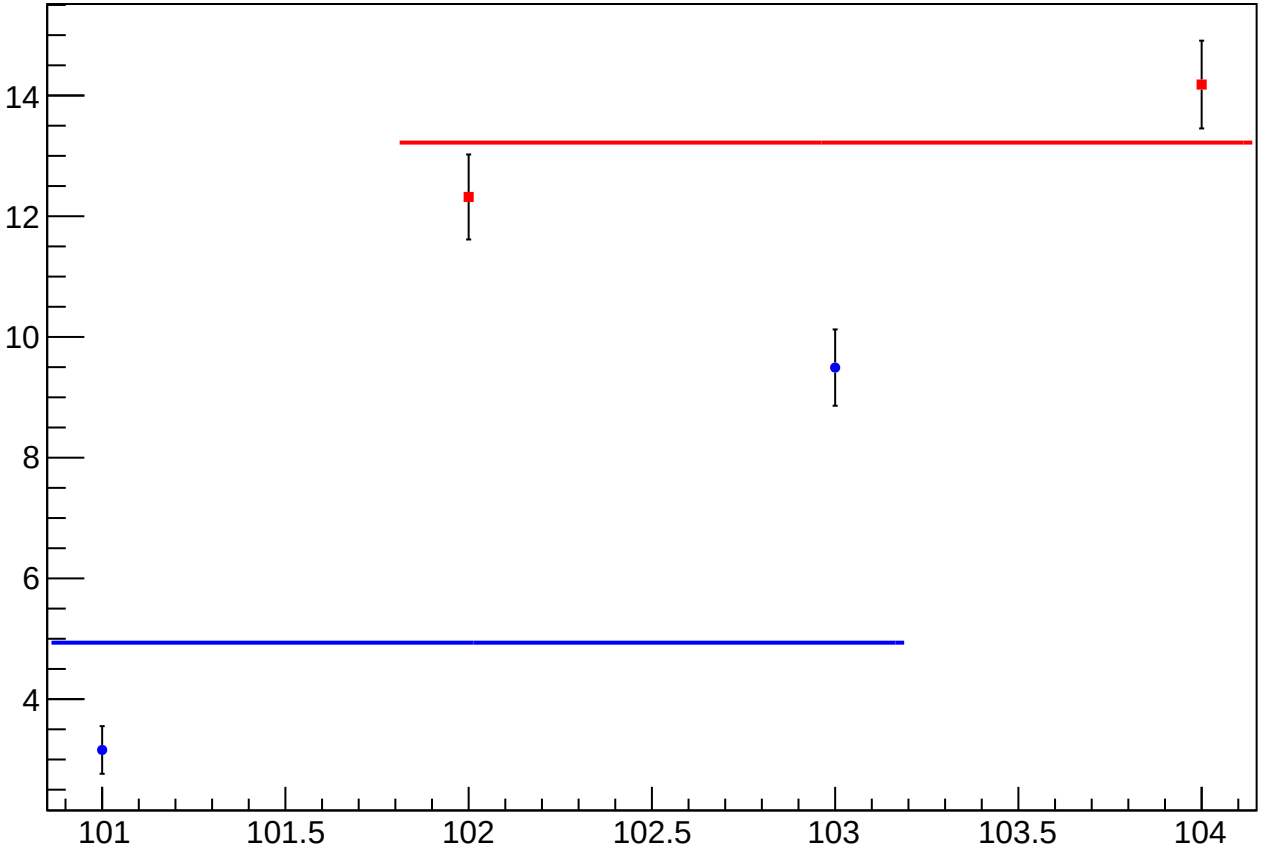
Right: 0.254+/-0.007 χ^2/NDF: 30.1/3

In: 0.222+/-0.009 χ^2/NDF:0.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.254+/-0.007 χ^2/NDF: 30.1/3

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug, Sign Corrected



Right In: 4.935+/-0.335 χ^2/NDF: 72.2/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.220+/-0.506 χ^2/NDF: 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

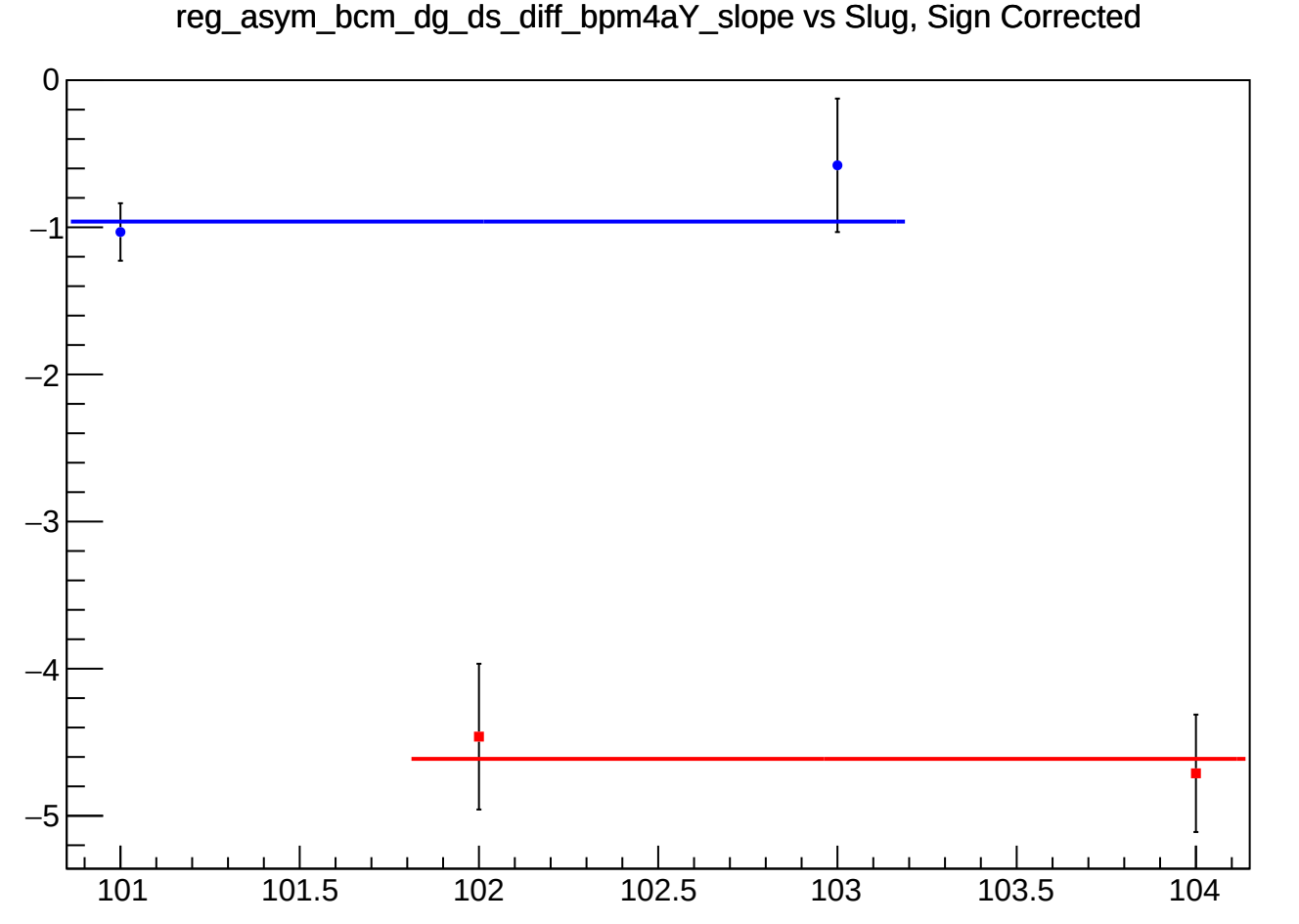
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.460+/-0.279 χ^2/NDF: 262.2/3

In: 4.935+/-0.335 χ^2/NDF:72.2/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.460+/-0.279 χ^2/NDF: 262.2/3



Right In: -0.961+/-0.179 χ^2/NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.613+/-0.311 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

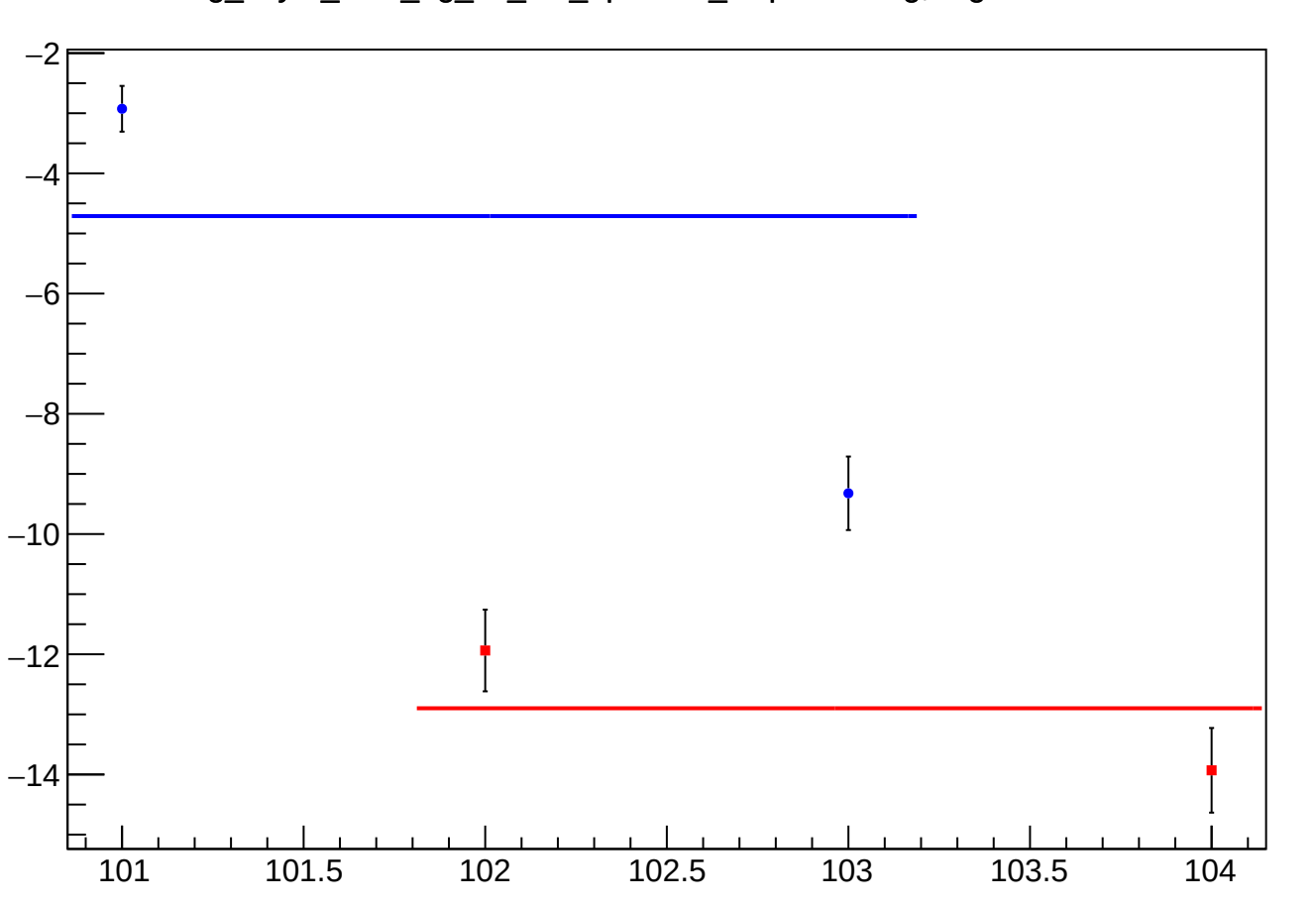
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.874+/-0.155 χ^2/NDF: 104.6/3

In: -0.961+/-0.179 χ^2/NDF:0.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.874+/-0.155 χ^2/NDF: 104.6/3



Right In: -4.711+/-0.323 χ^2/NDF: 78.9/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.899+/-0.489 χ^2/NDF: 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

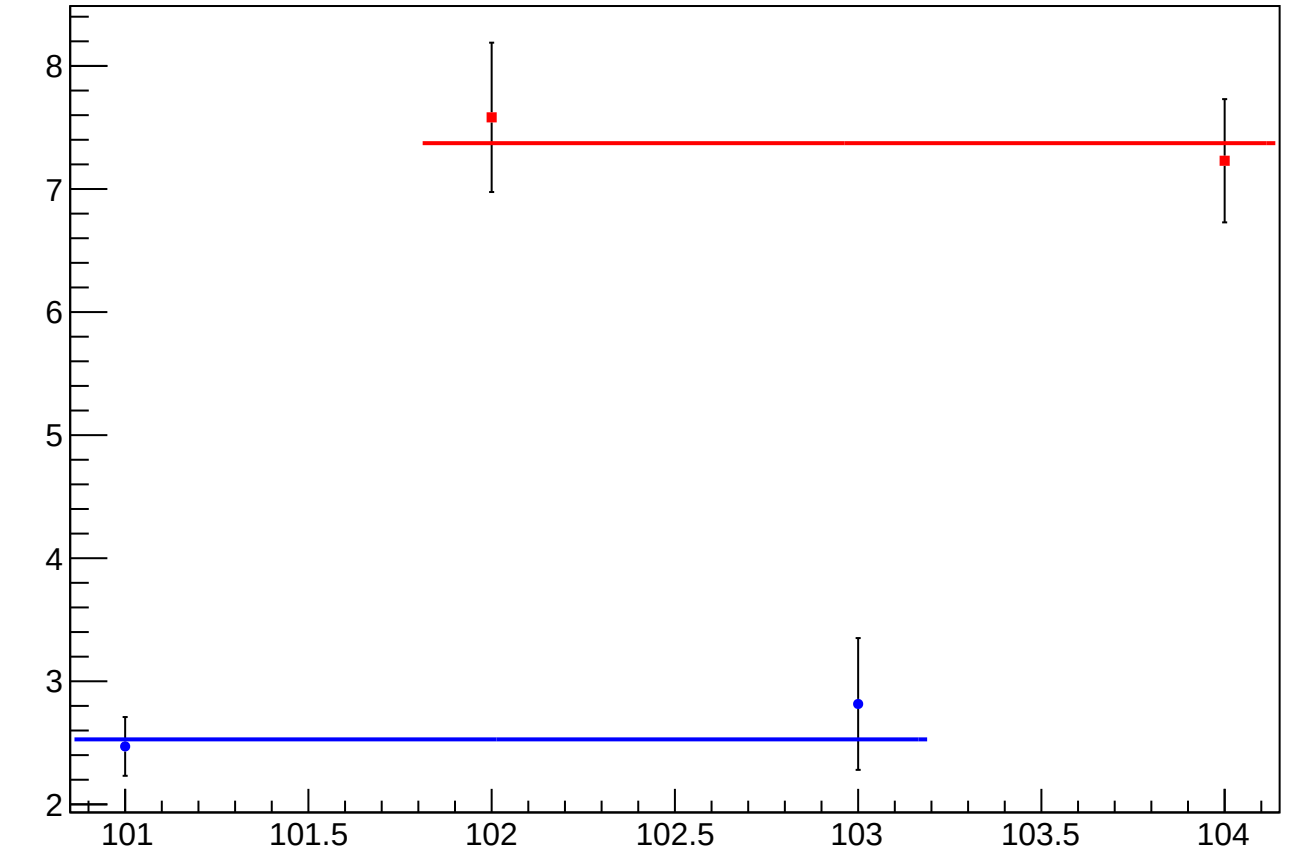
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.199+/-0.270 χ^2/NDF: 278.3/3

In: -4.711+/-0.323 χ^2/NDF:78.9/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.199+/-0.270 χ^2/NDF: 278.3/3



Right In: 2.528+/-0.218 χ^2/NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.372+/-0.386 χ^2/NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

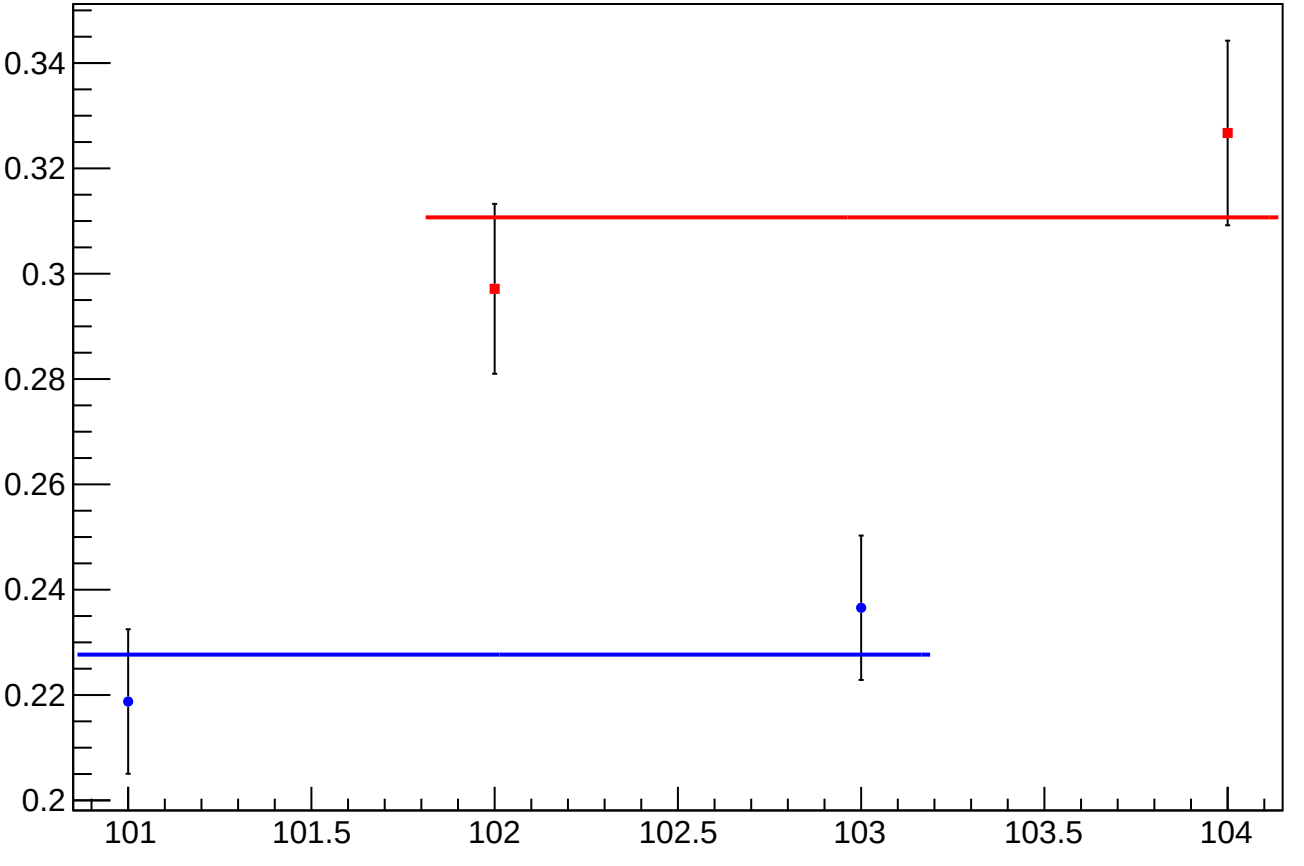
Right: 3.699+/-0.190 χ^2/NDF: 119.8/3

In: 2.528+/-0.218 χ^2/NDF:0.3/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.699+/-0.190 χ^2/NDF: 119.8/3

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.228+/-0.010 χ^2/NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.311+/-0.012 χ^2/NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

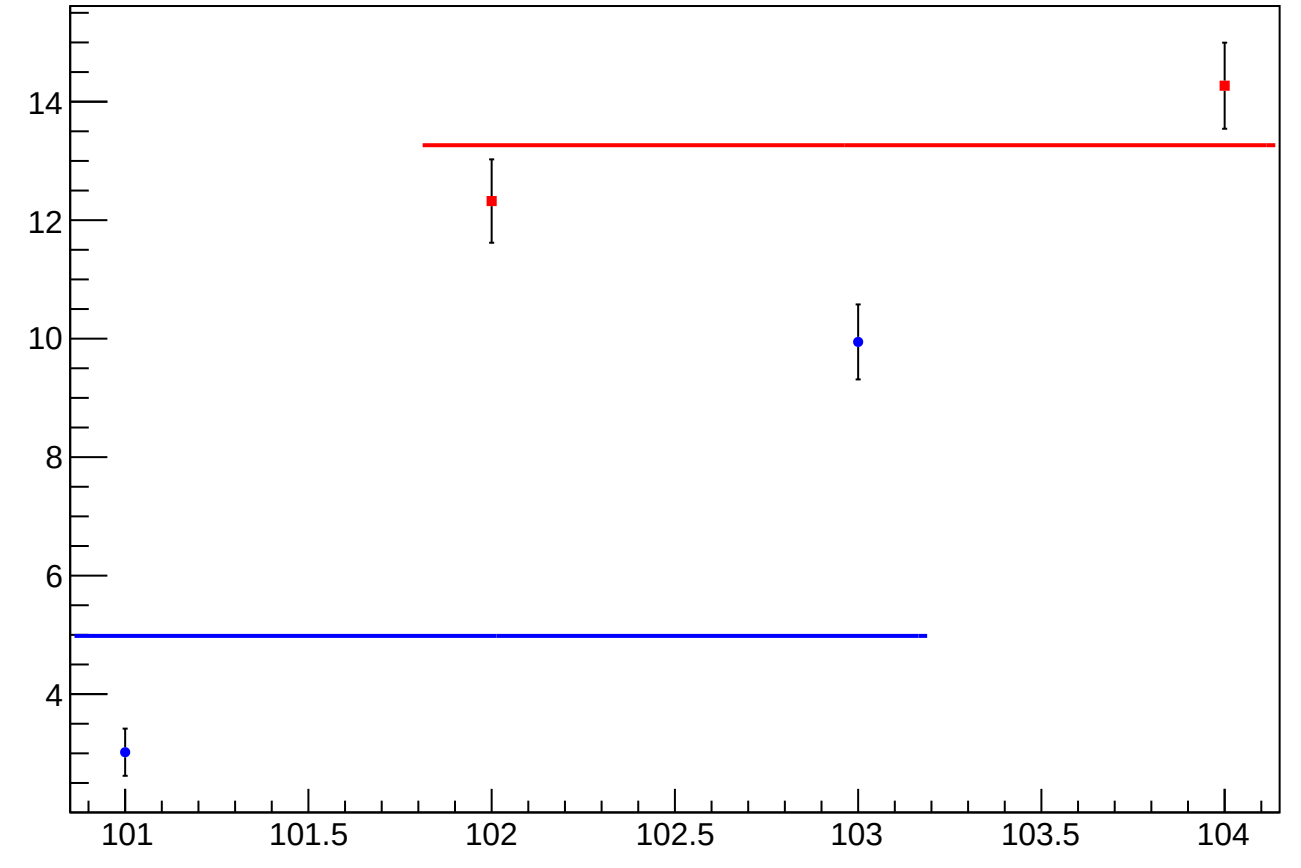
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.261+/-0.008 χ^2/NDF: 31.7/3

In: 0.228+/-0.010 χ^2/NDF:0.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.261+/-0.008 χ^2/NDF: 31.7/3



Right In: 4.983+/-0.337 χ^2/NDF: 85.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 13.265+/-0.505 χ^2/NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

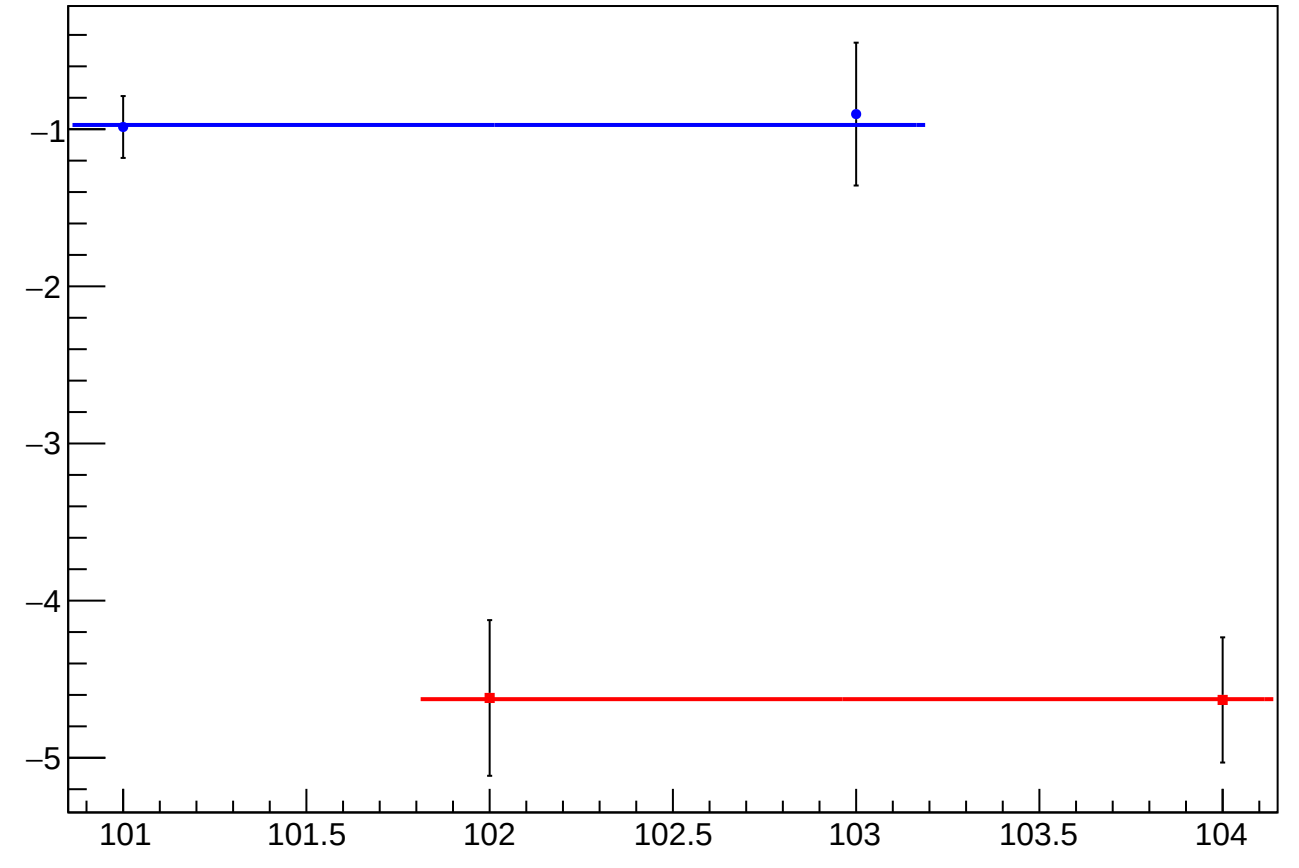
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 7.531+/-0.280 χ^2/NDF: 275.4/3

In: 4.983+/-0.337 χ^2/NDF:85.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 7.531+/-0.280 χ^2/NDF: 275.4/3



Right In: -0.973+/-0.181 χ^2/NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -4.627+/-0.310 χ^2/NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

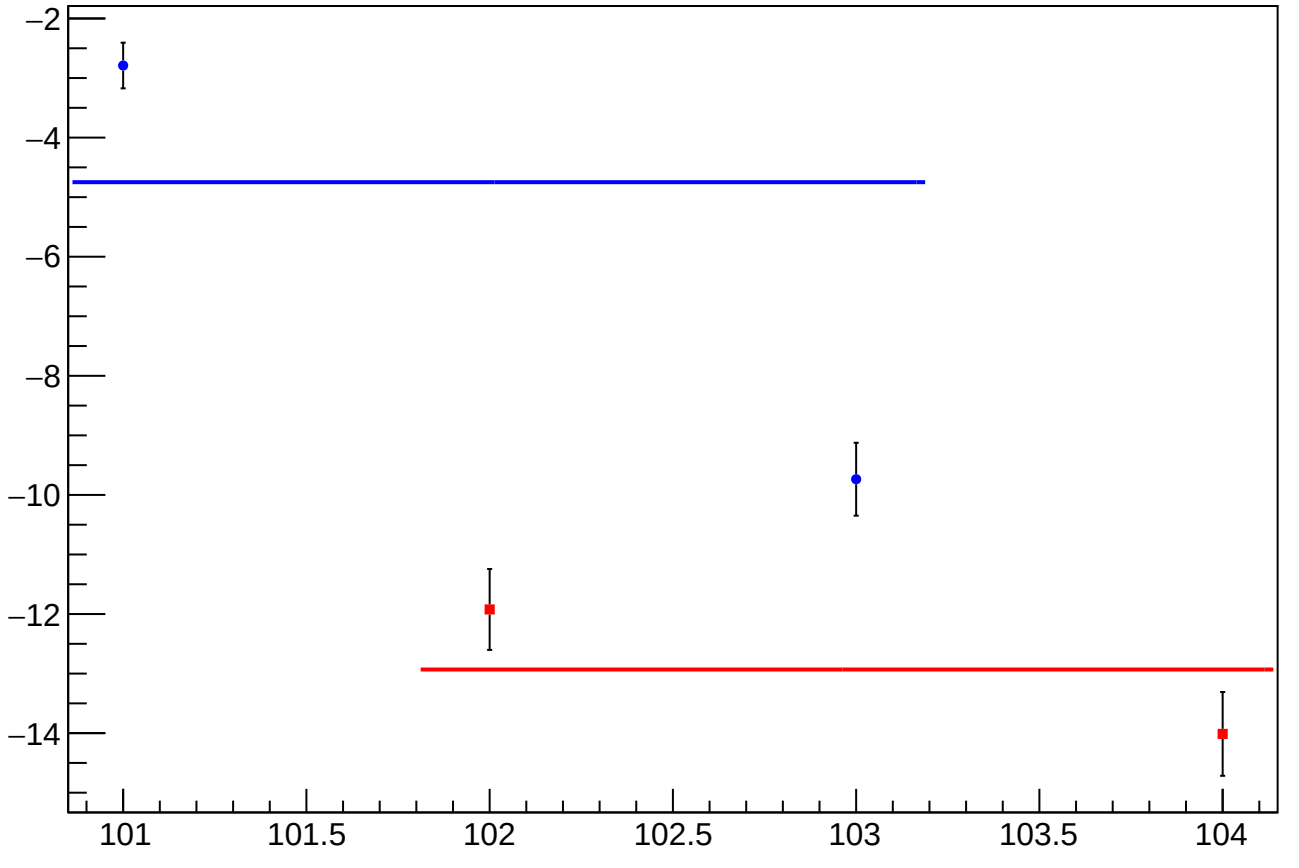
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -1.897+/-0.156 χ^2/NDF: 103.5/3

In: -0.973+/-0.181 χ^2/NDF:0.0/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -1.897+/-0.156 χ^2/NDF: 103.5/3



Right In: -4.749+/-0.325 χ^2/NDF: 92.5/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: -12.931+/-0.489 χ^2/NDF: 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

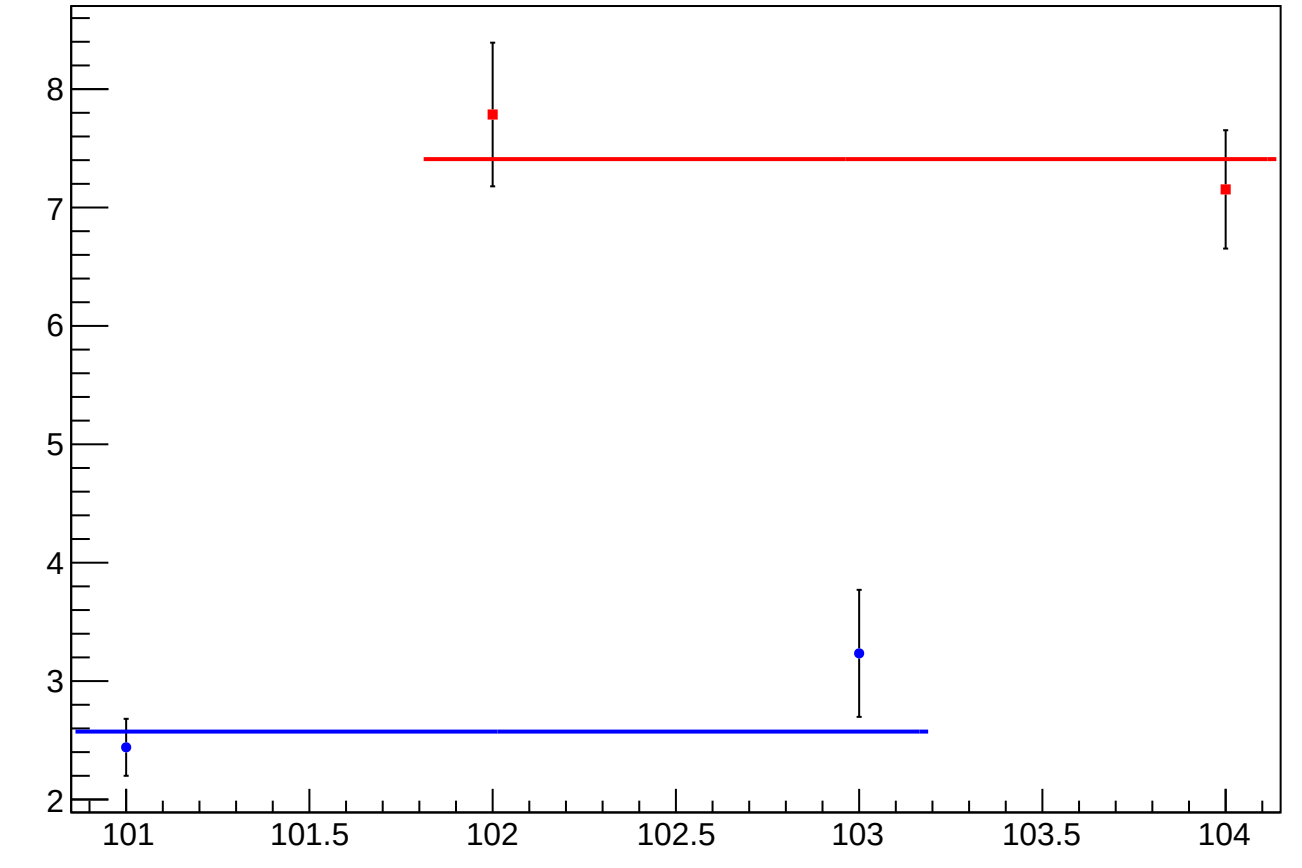
Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: -7.259+/-0.271 χ^2/NDF: 291.5/3

In: -4.749+/-0.325 χ^2/NDF:92.5/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -7.259+/-0.271 χ^2/NDF: 291.5/3



Right In: 2.574+/-0.220 χ^2/NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 7.409+/-0.386 χ^2/NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

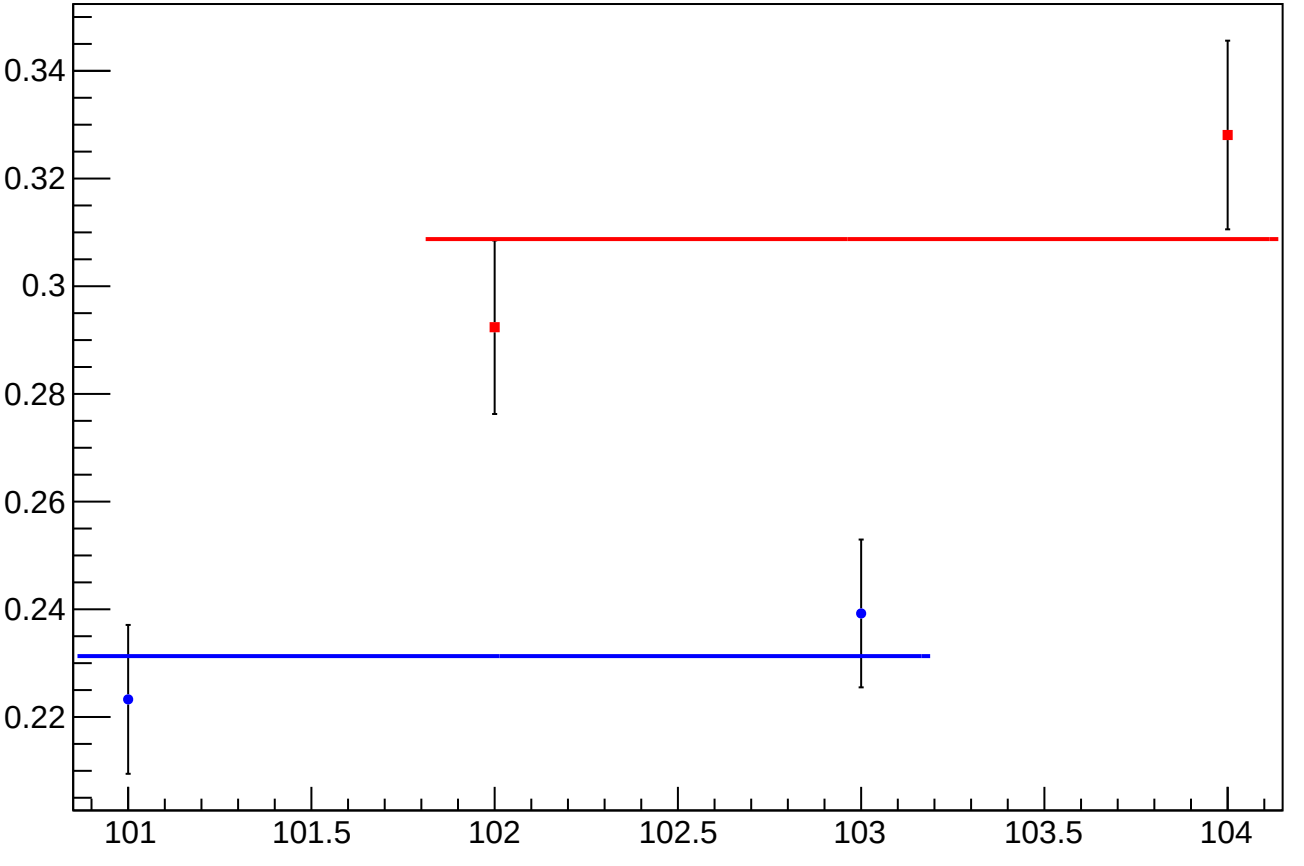
Right: 3.756+/-0.191 χ^2/NDF: 121.1/3

In: 2.574+/-0.220 χ^2/NDF:1.8/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 3.756+/-0.191 χ^2/NDF: 121.1/3

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.231+/-0.010 χ^2/NDF: 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

Right Out: 0.309+/-0.012 χ^2/NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.262+/-0.008 χ^2/NDF: 28.4/3

In: 0.231+/-0.010 χ^2/NDF:0.7/1

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.262+/-0.008 χ^2/NDF: 28.4/3