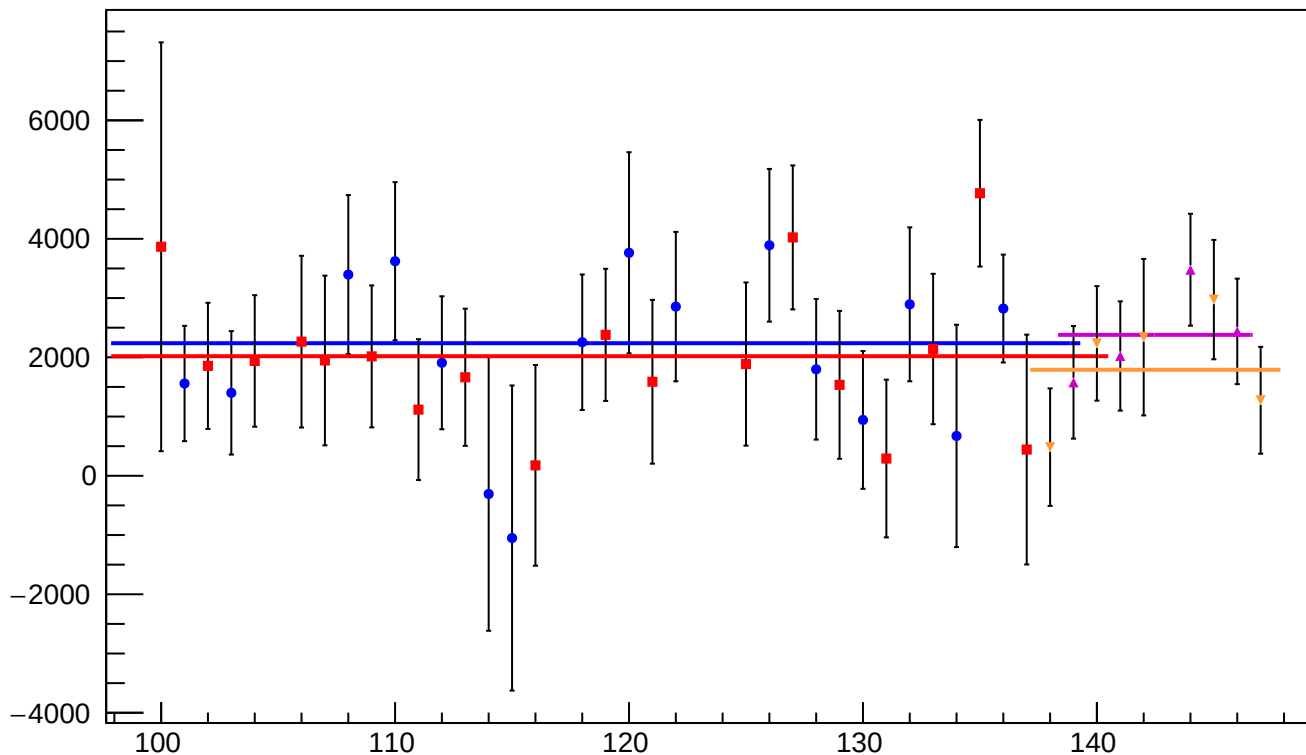


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 1789.443+/-452.947

Right Out: 2018.625+/-308.362

Left In: 2378.900+/-463.035

χ^2/NDF : 11.3/15

χ^2/NDF : 3.8/4

χ^2/NDF : 12.6/17

χ^2/NDF : 2.2/3

Left: 2077.680+/-323.790

Right: 2126.067+/-220.232

In: 2282.460+/-260.244

Out: 1946.044+/-254.899

All: 2110.762+/-182.101

χ^2/NDF : 6.9/8

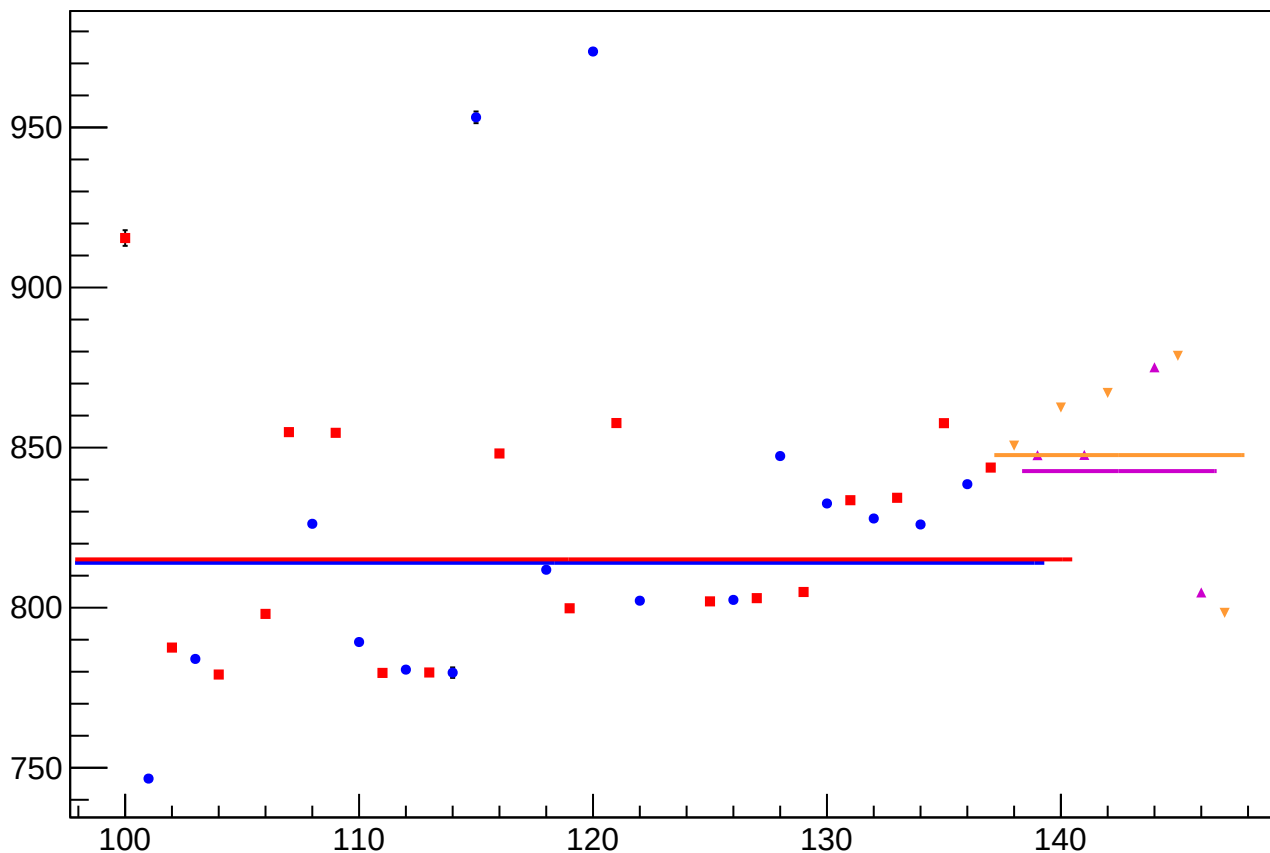
χ^2/NDF : 24.1/33

χ^2/NDF : 13.6/19

χ^2/NDF : 16.6/22

χ^2/NDF : 31.0/42

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 814.021 $\pm$ 0.222 χ^2 /NDF: 42041.6/15

Left Out: 847.662 $\pm$ 0.320 χ^2 /NDF: 8786.6/4

Right Out: 815.084 $\pm$ 0.218 χ^2 /NDF: 19959.3/17

Left In: 842.663 $\pm$ 0.327 χ^2 /NDF: 6095.0/3

Left: 845.218 $\pm$ 0.229 χ^2 /NDF: 15000.7/8

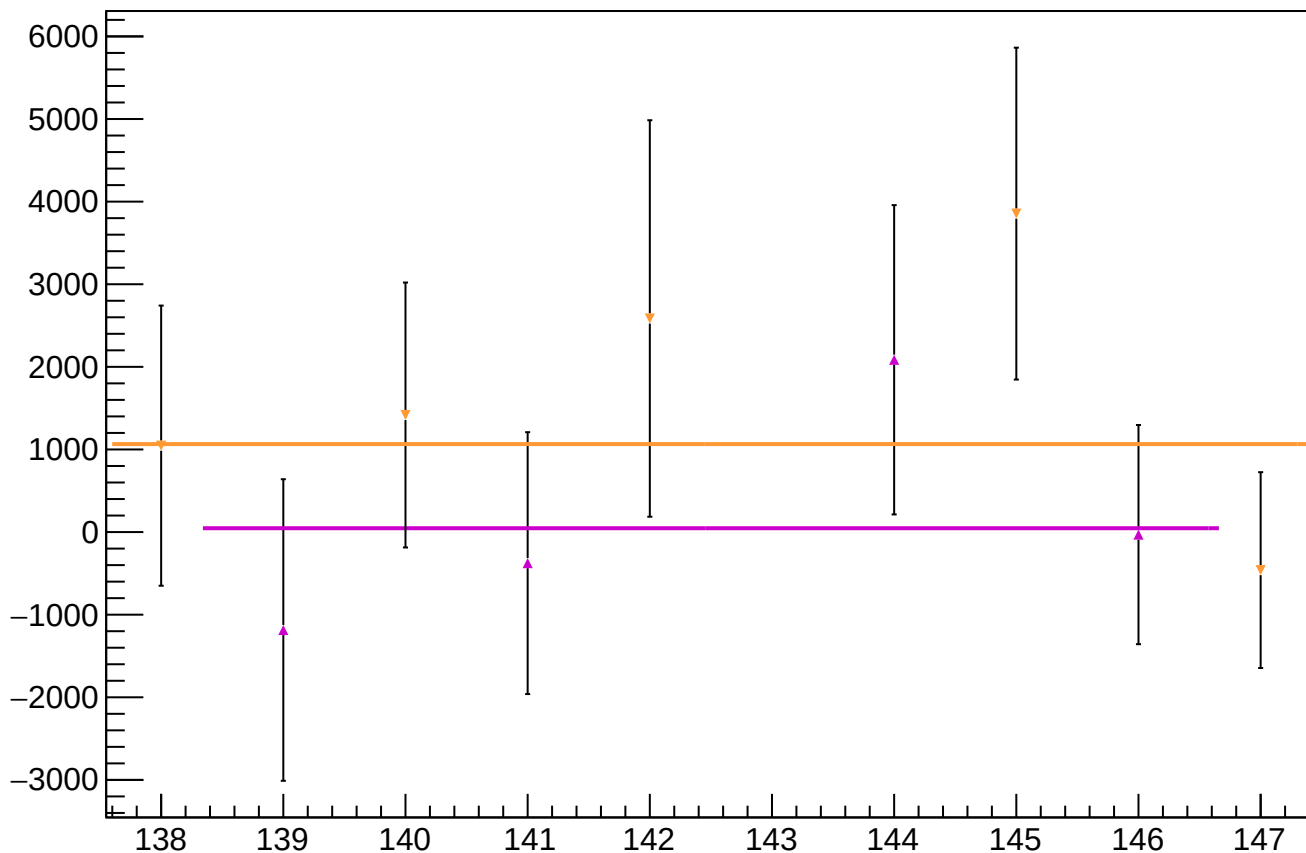
Right: 814.563 $\pm$ 0.156 χ^2 /NDF: 62012.6/33

In: 823.069 $\pm$ 0.184 χ^2 /NDF: 53371.9/19

Out: 825.402 $\pm$ 0.180 χ^2 /NDF: 35815.6/22

All: 824.259 $\pm$ 0.129 χ^2 /NDF: 89269.5/42

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1064.950+/-731.249 χ^2/NDF :4.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 46.624+/-802.783 χ^2/NDF :1.7/3

Left: 603.169+/-540.596 χ^2/NDF : 6.6/8

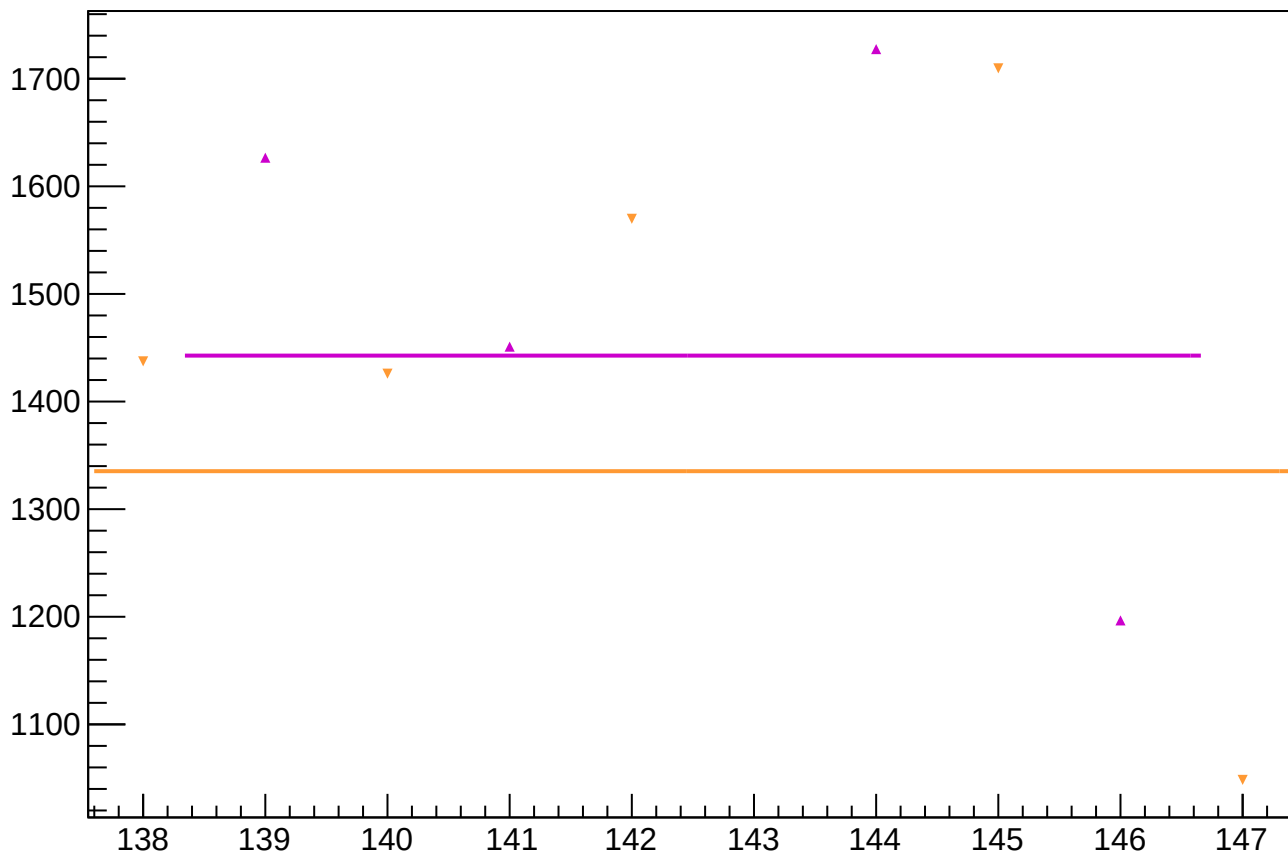
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 46.624+/-802.783 χ^2/NDF :1.7/3

Out: 1064.950+/-731.249 χ^2/NDF :4.0/4

All: 603.169+/-540.596 χ^2/NDF : 6.6/8

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1335.292+/-0.517 χ^2/NDF :219385.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1442.697+/-0.568 χ^2/NDF :135466.3/3

Left: 1383.997+/-0.382 χ^2/NDF : 374417.4/8

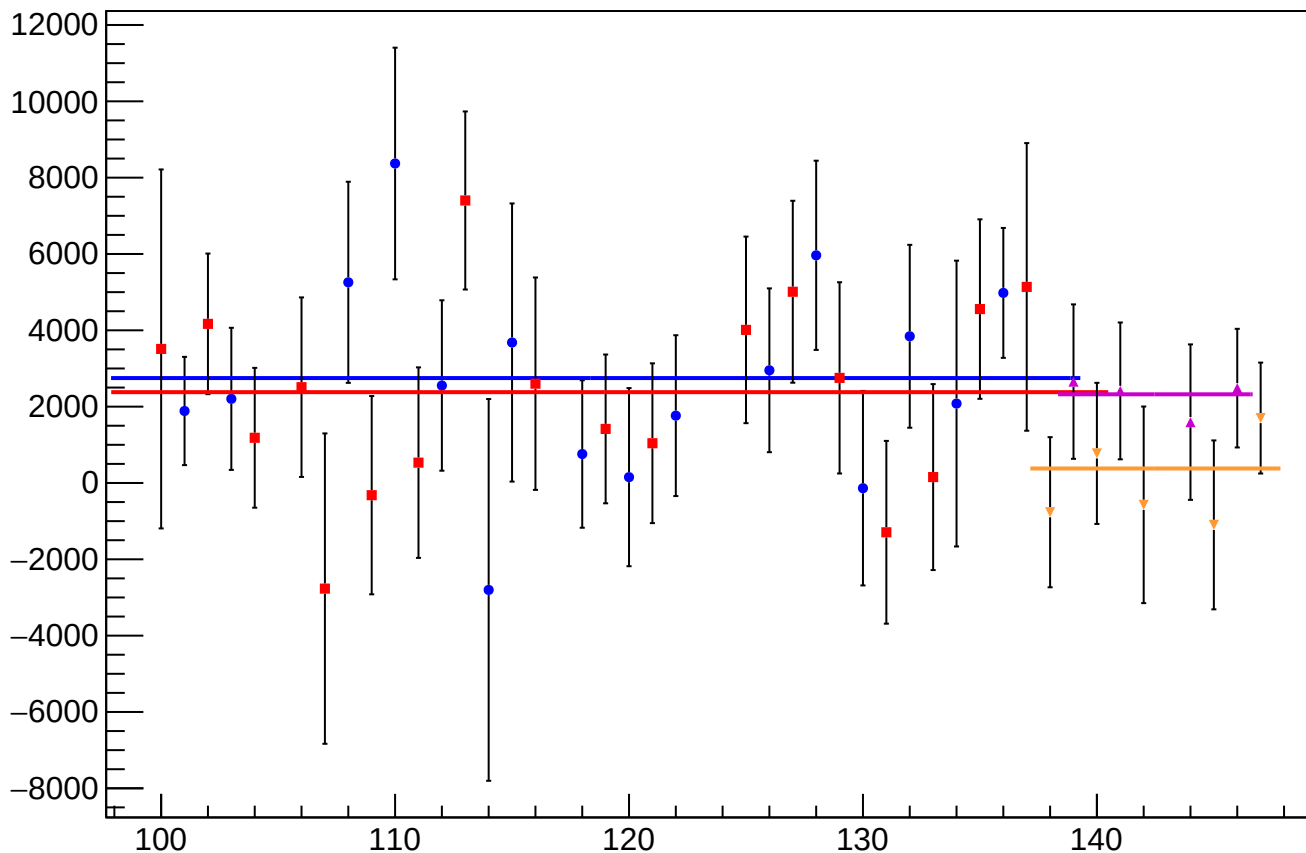
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1442.697+/-0.568 χ^2/NDF :135466.3/3

Out: 1335.292+/-0.517 χ^2/NDF :219385.4/4

All: 1383.997+/-0.382 χ^2/NDF : 374417.4/8

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

Left Out: 379.740 $\pm$ 851.406 χ^2 /NDF:1.8/4

Right Out: 2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

Left In: 2323.289 $\pm$ 908.917 χ^2 /NDF:0.2/3

Left: 1288.085 $\pm$ 621.372 χ^2 /NDF: 4.4/8

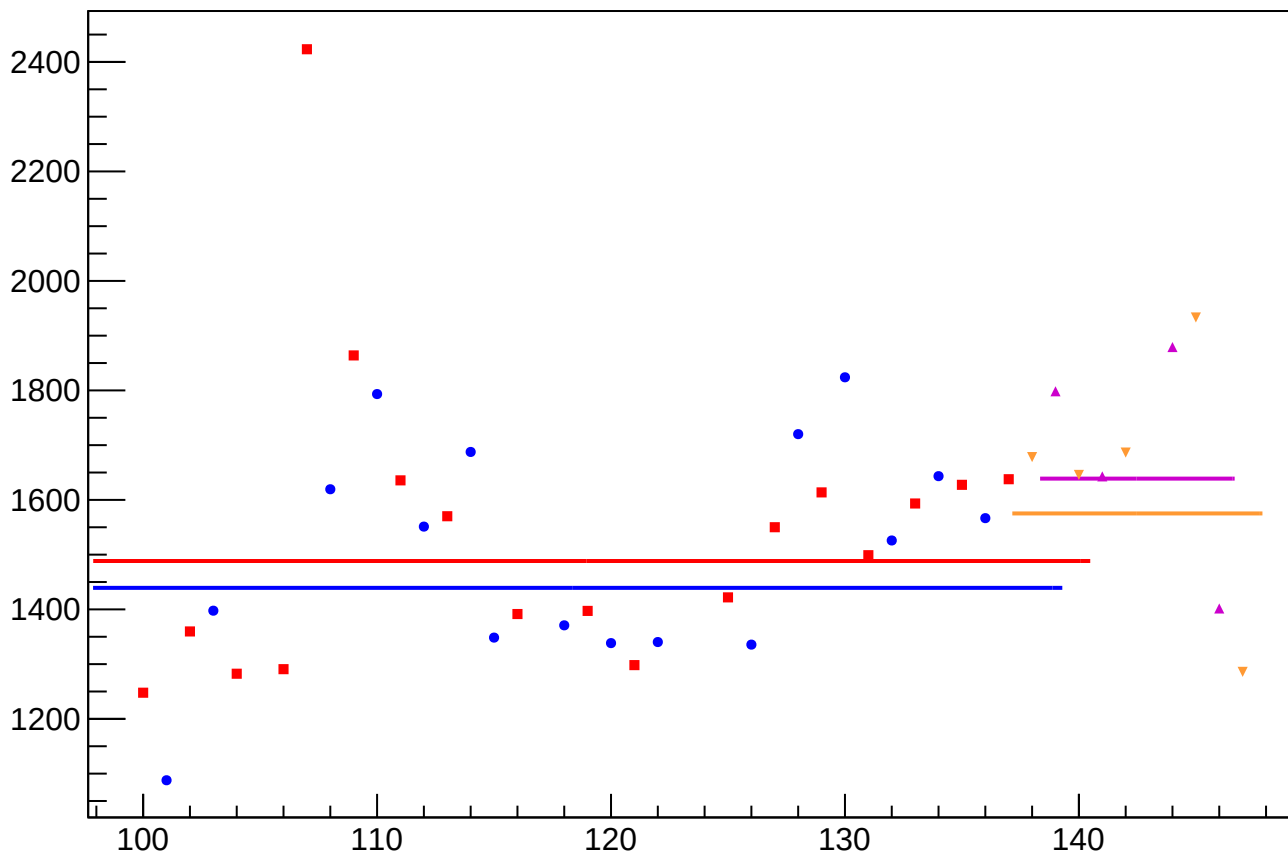
Right: 2566.079 $\pm$ 400.174 χ^2 /NDF: 30.0/33

In: 2630.811 $\pm$ 478.585 χ^2 /NDF:13.9/19

Out: 1762.110 $\pm$ 473.059 χ^2 /NDF:21.8/22

All: 2191.416 $\pm$ 336.440 χ^2 /NDF: 37.4/42

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332 $\pm$ 0.398 χ^2/NDF : 277860.8/15

Left Out: 1575.257 $\pm$ 0.602 χ^2/NDF : 143738.6/4

Right Out: 1488.384 $\pm$ 0.402 χ^2/NDF : 256324.7/17

Left In: 1638.873 $\pm$ 0.643 χ^2/NDF : 86875.2/3

Left: 1604.989 $\pm$ 0.439 χ^2/NDF : 235832.2/8

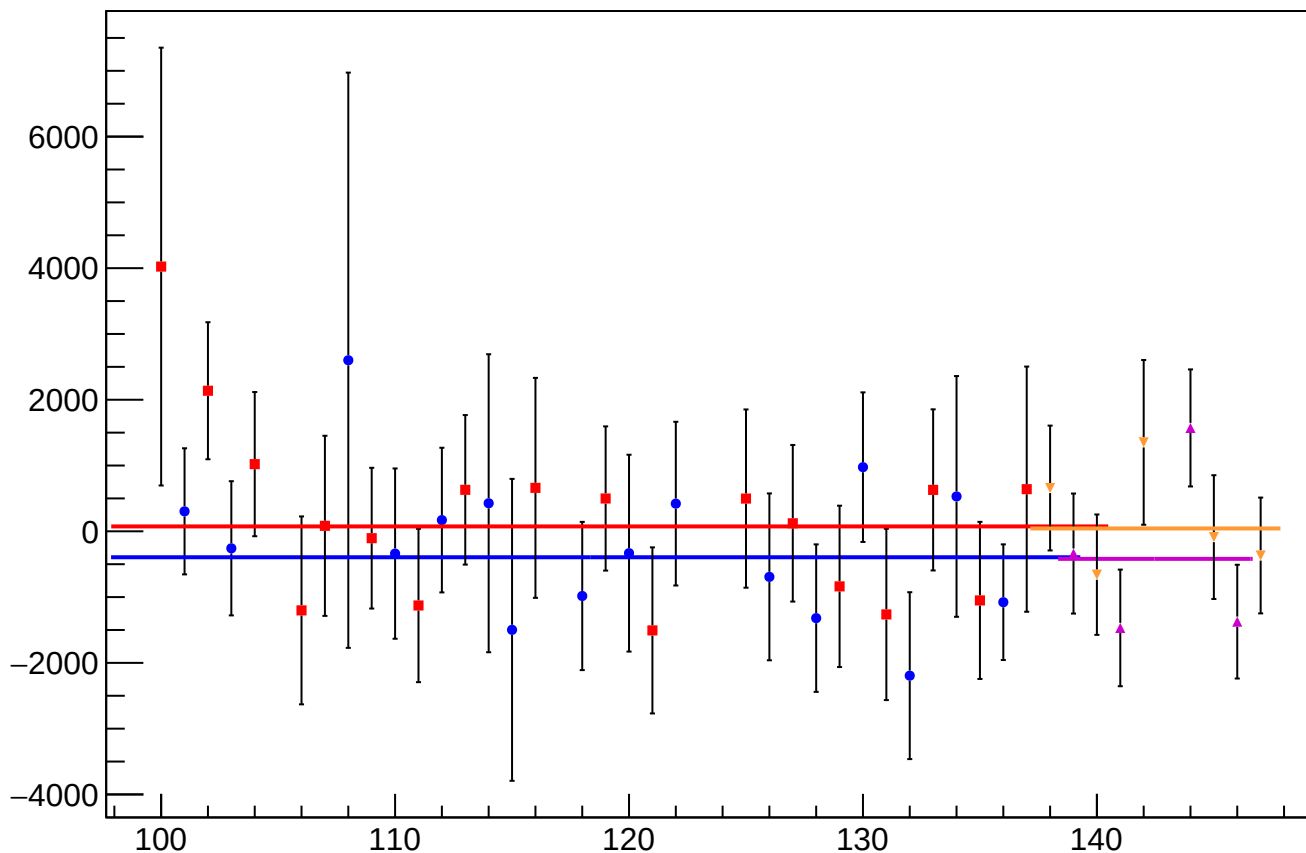
Right: 1463.597 $\pm$ 0.283 χ^2/NDF : 541697.1/33

In: 1494.654 $\pm$ 0.338 χ^2/NDF : 434403.9/19

Out: 1515.203 $\pm$ 0.335 χ^2/NDF : 414457.5/22

All: 1505.048 $\pm$ 0.238 χ^2/NDF : 850726.3/42

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364+/-313.174 χ^2/NDF : 7.4/15

Left Out: 43.299+/-431.822 χ^2/NDF : 2.3/4

Right Out: 74.289+/-298.398 χ^2/NDF : 12.9/17

Left In: -418.817+/-443.892 χ^2/NDF : 7.6/3

Left: -181.391+/-309.524 χ^2/NDF : 10.5/8

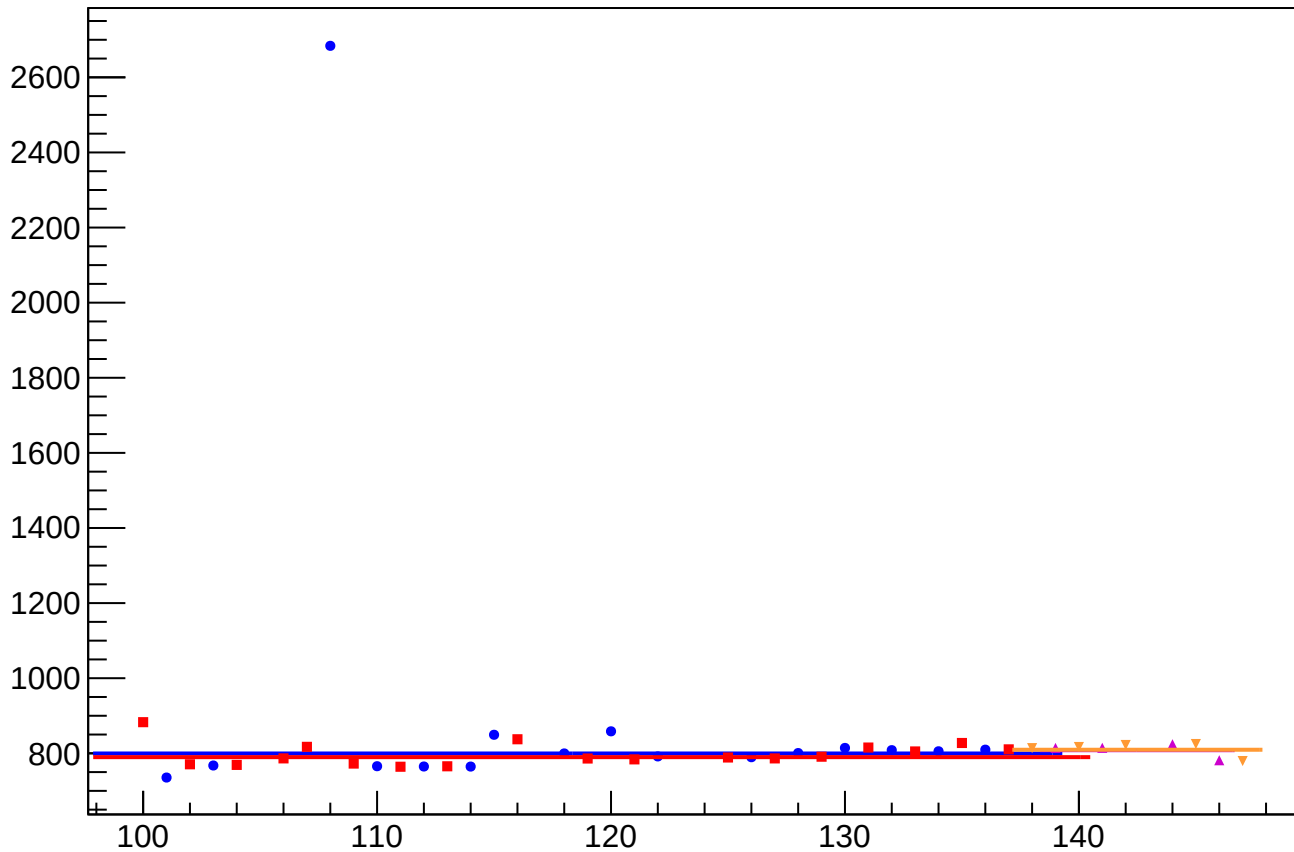
Right: -148.721+/-216.034 χ^2/NDF : 21.5/33

In: -402.491+/-255.897 χ^2/NDF : 15.0/19

Out: 64.273+/-245.488 χ^2/NDF : 15.3/22

All: -159.423+/-177.152 χ^2/NDF : 32.1/42

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537+/-0.221 χ^2/NDF : 391185.9/15

Left Out: 809.495+/-0.305 χ^2/NDF : 3235.1/4

Right Out: 789.794+/-0.211 χ^2/NDF : 11174.9/17

Left In: 808.276+/-0.314 χ^2/NDF : 2746.8/3

Left: 808.902+/-0.219 χ^2/NDF : 5989.7/8

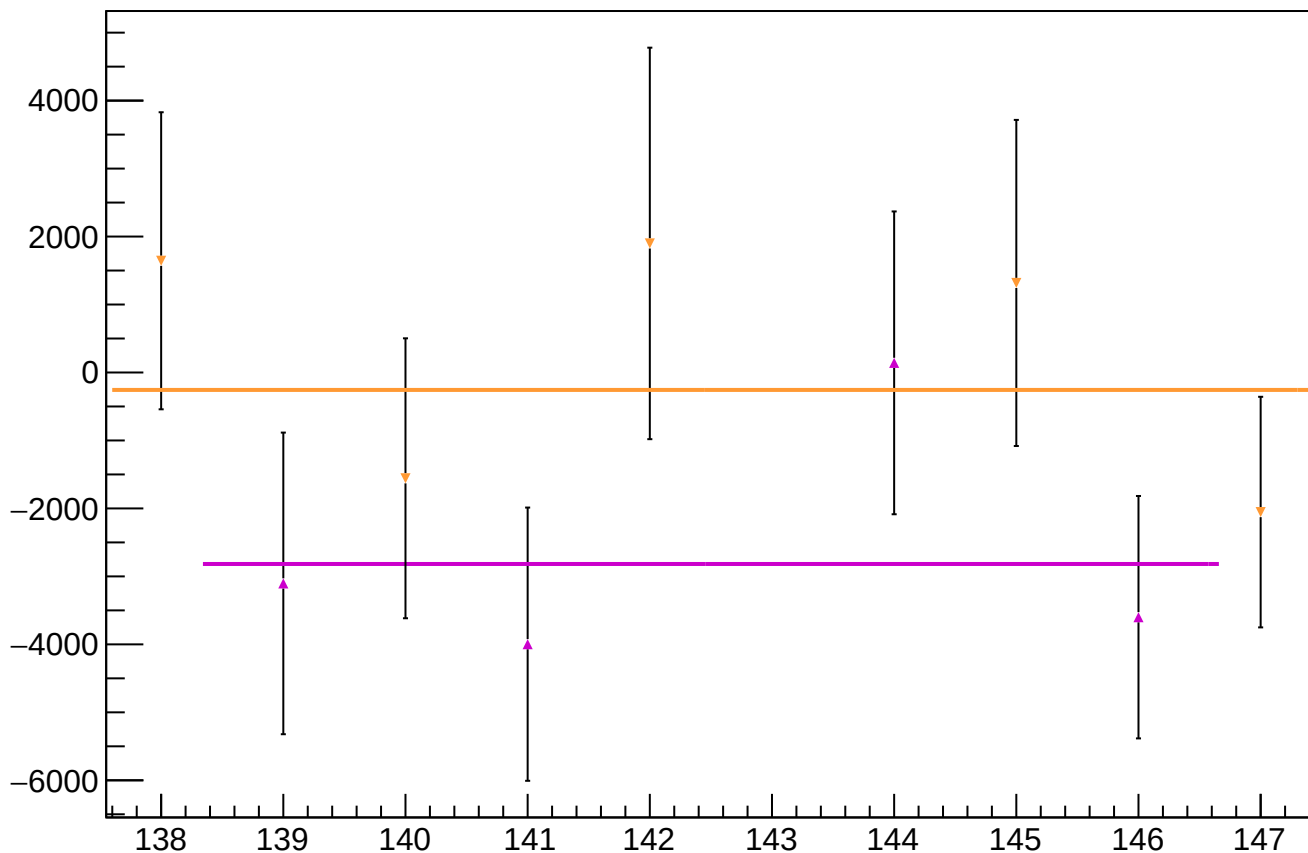
Right: 794.430+/-0.153 χ^2/NDF : 403375.5/33

In: 802.441+/-0.181 χ^2/NDF : 394450.2/19

Out: 796.161+/-0.174 χ^2/NDF : 17227.6/22

All: 799.171+/-0.125 χ^2/NDF : 412305.1/42

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -256.506+/-959.120 χ^2/NDF :3.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2817.342+/-1017.129 χ^2/NDF :2.3/3

Left: -1461.820+/-697.807 χ^2/NDF : 8.9/8

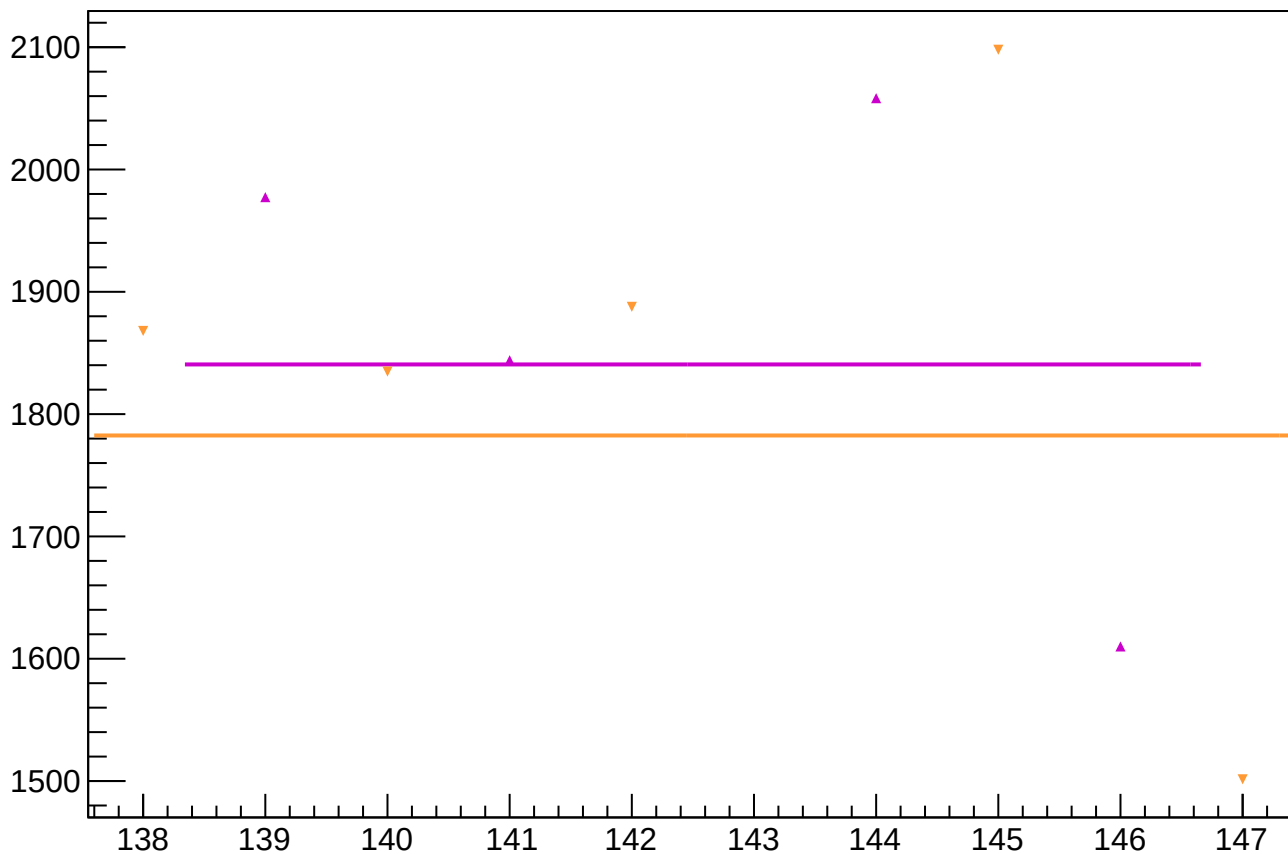
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2817.342+/-1017.129 χ^2/NDF :2.3/3

Out: -256.506+/-959.120 χ^2/NDF :3.3/4

All: -1461.820+/-697.807 χ^2/NDF : 8.9/8

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1782.542+/-0.678 χ^2/NDF :96520.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1840.624+/-0.719 χ^2/NDF :60140.9/3

Left: 1809.880+/-0.493 χ^2/NDF : 160113.4/8

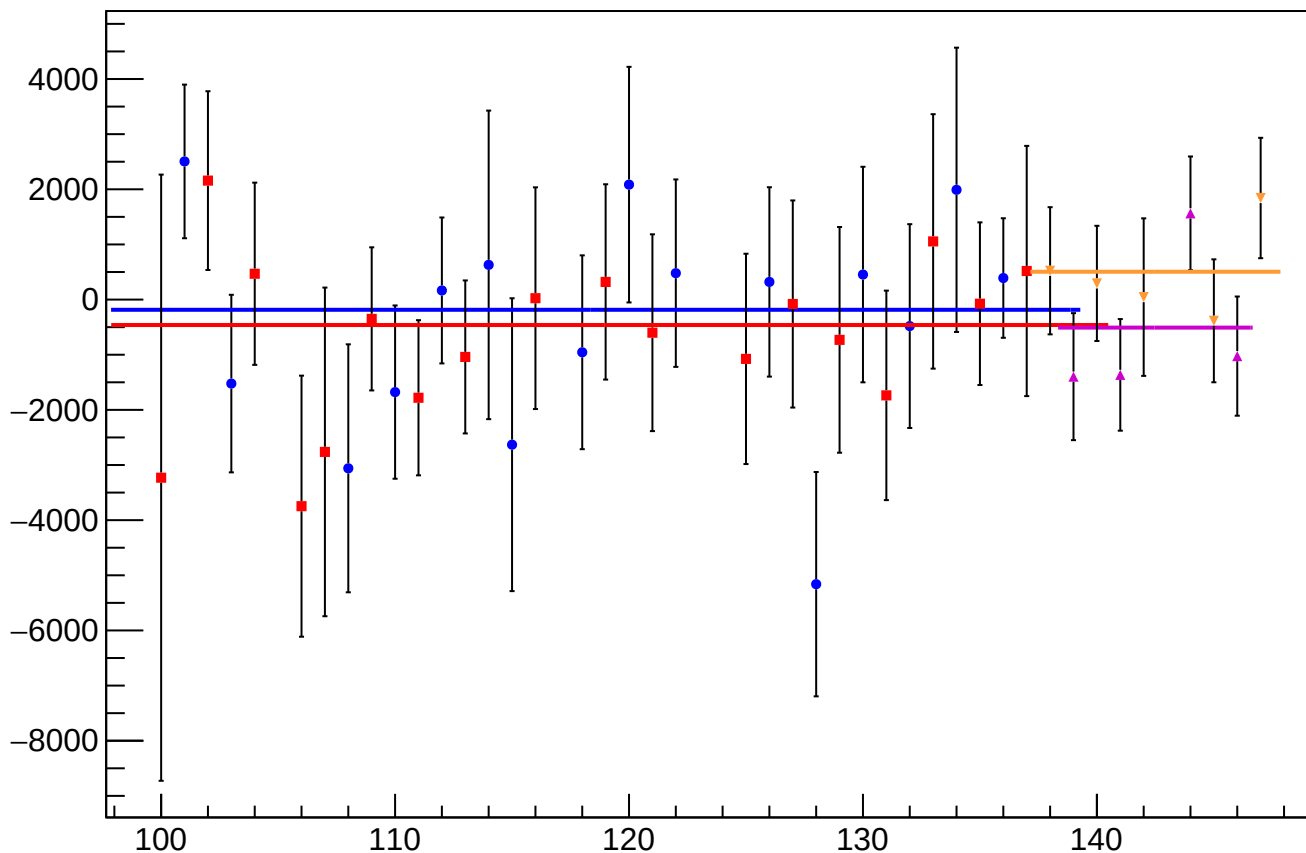
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1840.624+/-0.719 χ^2/NDF :60140.9/3

Out: 1782.542+/-0.678 χ^2/NDF :96520.3/4

All: 1809.880+/-0.493 χ^2/NDF : 160113.4/8

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054 ± 431.495 $\chi^2/\text{NDF}: 16.6/15$

Left Out: 504.976 ± 512.827 $\chi^2/\text{NDF}: 2.3/4$

Right Out: -461.253 ± 426.921 $\chi^2/\text{NDF}: 8.3/17$

Left In: -508.287 ± 532.453 $\chi^2/\text{NDF}: 5.6/3$

Left: 17.362 ± 369.367 $\chi^2/\text{NDF}: 9.7/8$

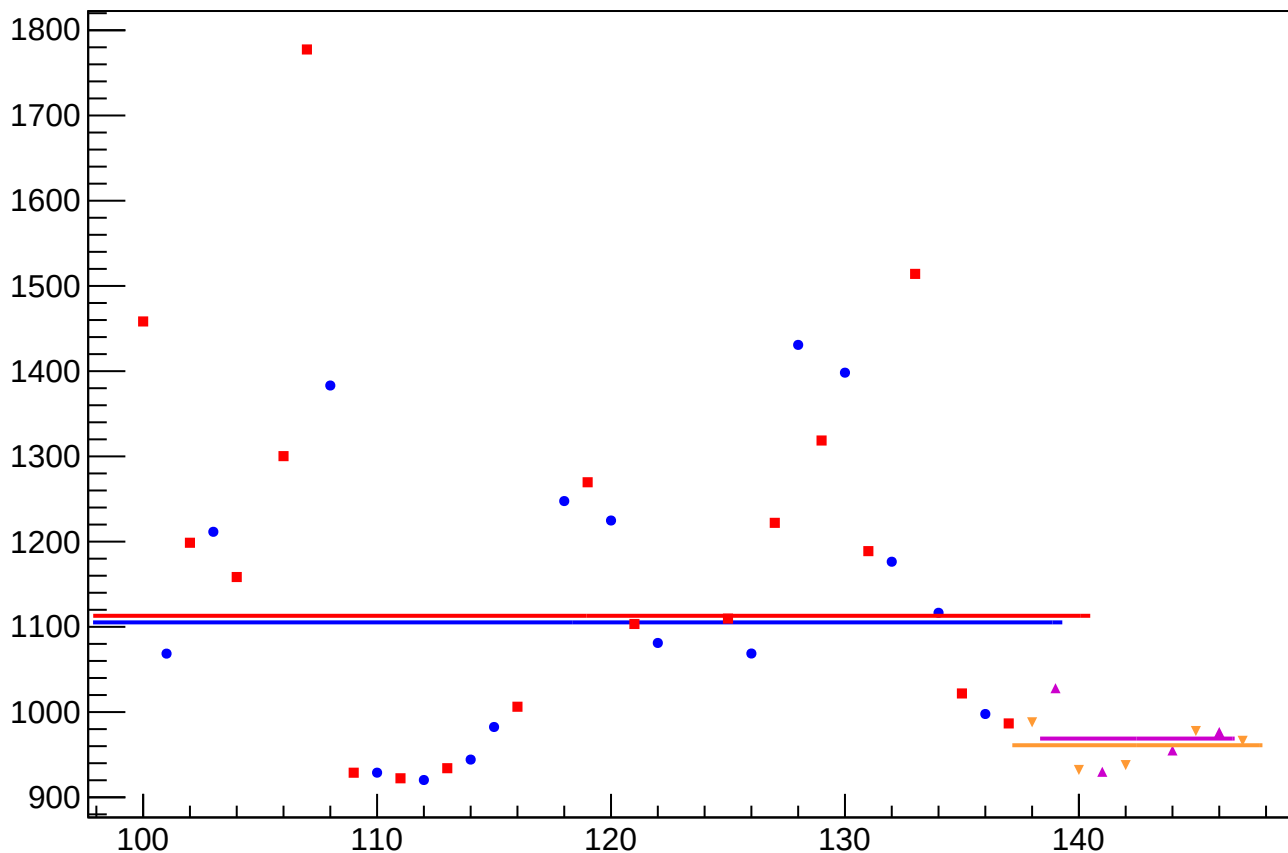
Right: -324.625 ± 303.483 $\chi^2/\text{NDF}: 25.2/33$

In: -313.184 ± 335.235 $\chi^2/\text{NDF}: 22.4/19$

Out: -65.734 ± 328.107 $\chi^2/\text{NDF}: 12.7/22$

All: -186.800 ± 234.486 $\chi^2/\text{NDF}: 35.4/42$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236 $\pm$ 0.305 χ^2/NDF : 255366.2/15

Left Out: 961.086 $\pm$ 0.363 χ^2/NDF : 3654.2/4

Right Out: 1112.974 $\pm$ 0.302 χ^2/NDF : 362995.4/17

Left In: 968.914 $\pm$ 0.377 χ^2/NDF : 8699.1/3

Left: 964.853 $\pm$ 0.261 χ^2/NDF : 12577.6/8

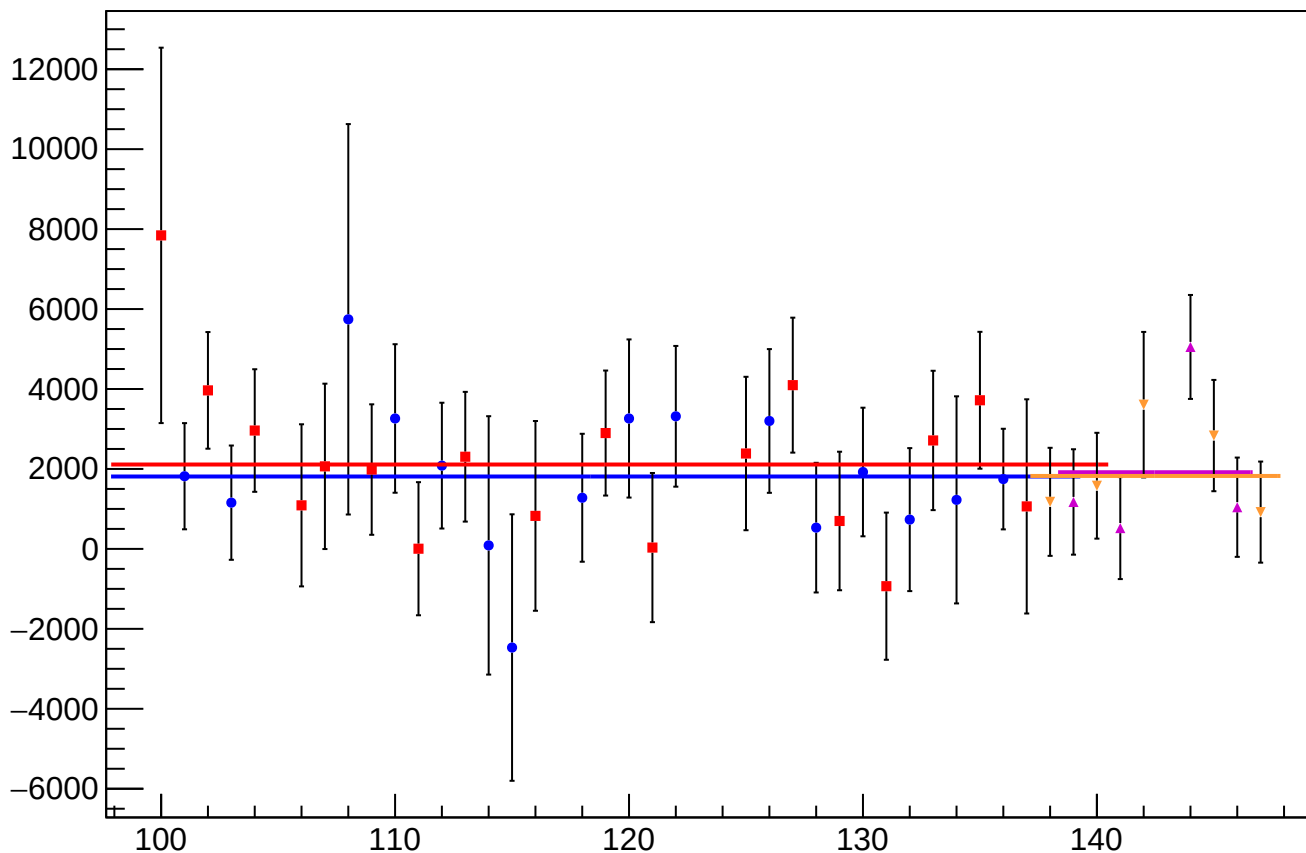
Right: 1109.146 $\pm$ 0.215 χ^2/NDF : 618686.6/33

In: 1051.197 $\pm$ 0.237 χ^2/NDF : 343196.1/19

Out: 1050.800 $\pm$ 0.232 χ^2/NDF : 470276.4/22

All: 1050.994 $\pm$ 0.166 χ^2/NDF : 813473.9/42

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054 $\pm$ 442.142 χ^2 /NDF: 6.5/15

Left Out: 1824.740 $\pm$ 624.830 χ^2 /NDF:2.3/4

Right Out: 2111.004 $\pm$ 427.676 χ^2 /NDF: 13.0/17

Left In: 1917.935 $\pm$ 641.605 χ^2 /NDF:7.8/3

Left: 1870.103 $\pm$ 447.635 χ^2 /NDF: 10.1/8

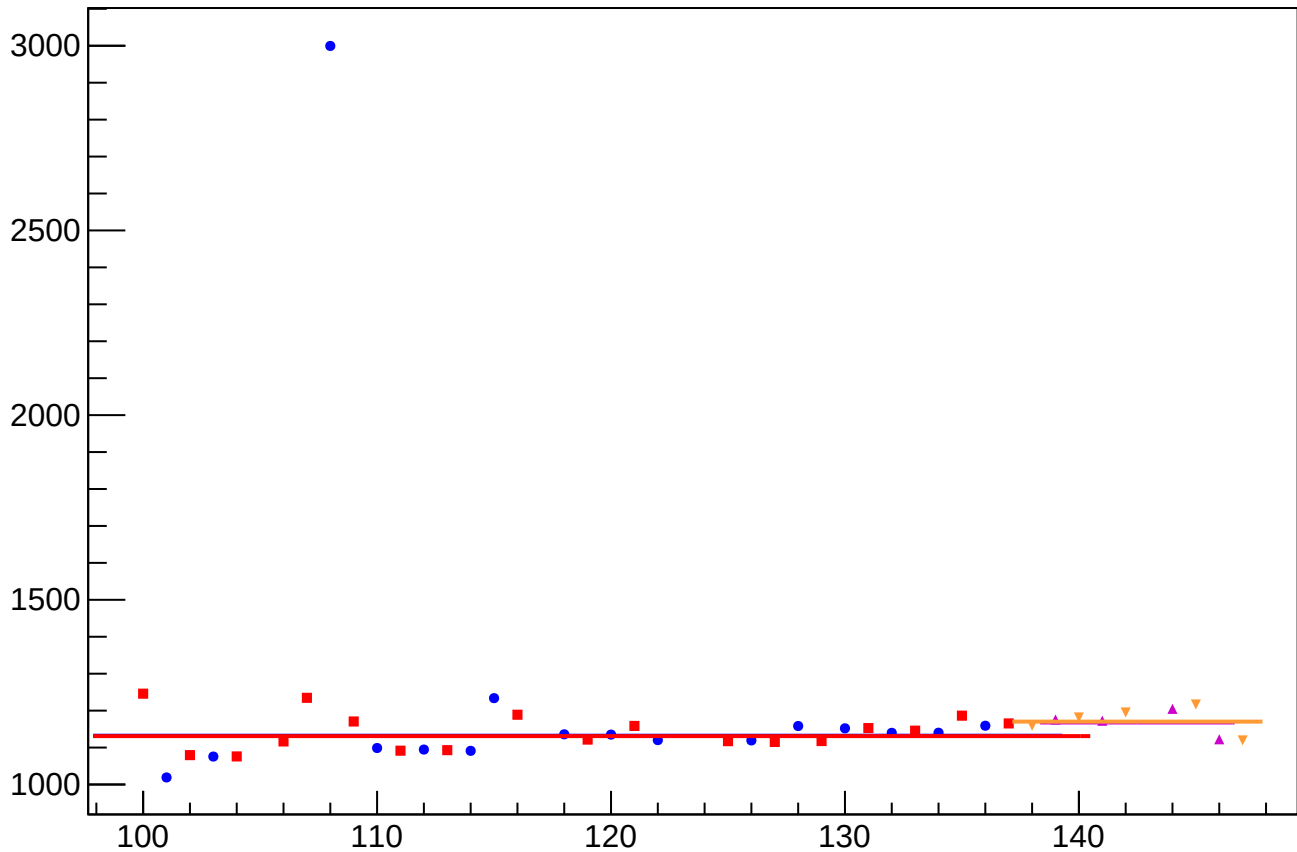
Right: 1966.016 $\pm$ 307.400 χ^2 /NDF: 19.7/33

In: 1845.467 $\pm$ 364.068 χ^2 /NDF:14.3/19

Out: 2019.676 $\pm$ 352.922 χ^2 /NDF:15.4/22

All: 1935.279 $\pm$ 253.402 χ^2 /NDF: 29.8/42

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074+/-0.313 χ^2/NDF : 316026.3/15

Left Out: 1170.232+/-0.442 χ^2/NDF : 6110.5/4

Right Out: 1131.016+/-0.302 χ^2/NDF : 19719.1/17

Left In: 1167.852+/-0.454 χ^2/NDF : 4393.7/3

Left: 1169.074+/-0.317 χ^2/NDF : 10518.4/8

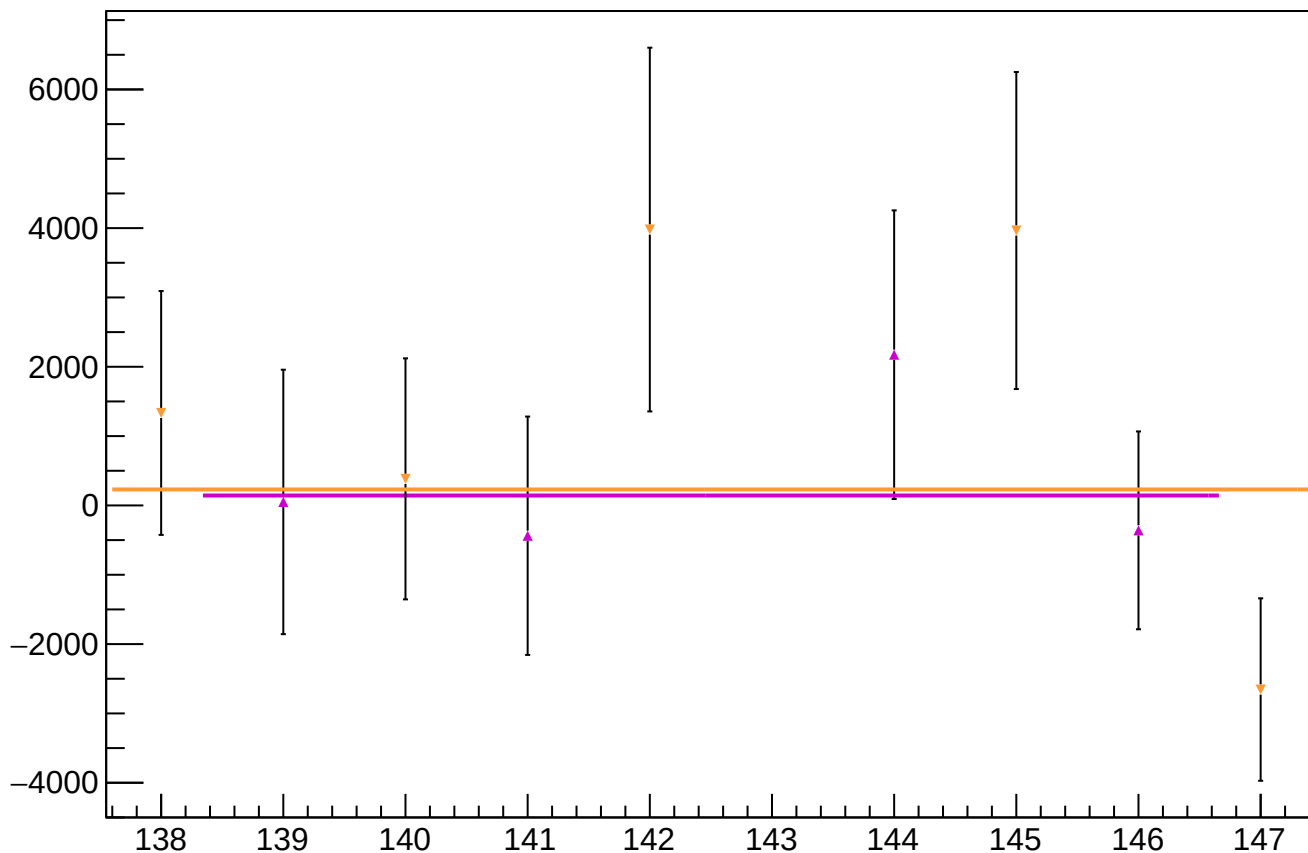
Right: 1131.528+/-0.217 χ^2/NDF : 335751.3/33

In: 1143.594+/-0.257 χ^2/NDF : 324636.6/19

Out: 1143.527+/-0.250 χ^2/NDF : 31194.4/22

All: 1143.560+/-0.179 χ^2/NDF : 355831.0/42

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 230.376+/-798.533 χ^2/NDF :9.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 143.195+/-865.361 χ^2/NDF :1.2/3

Left: 190.281+/-586.853 χ^2/NDF : 11.1/8

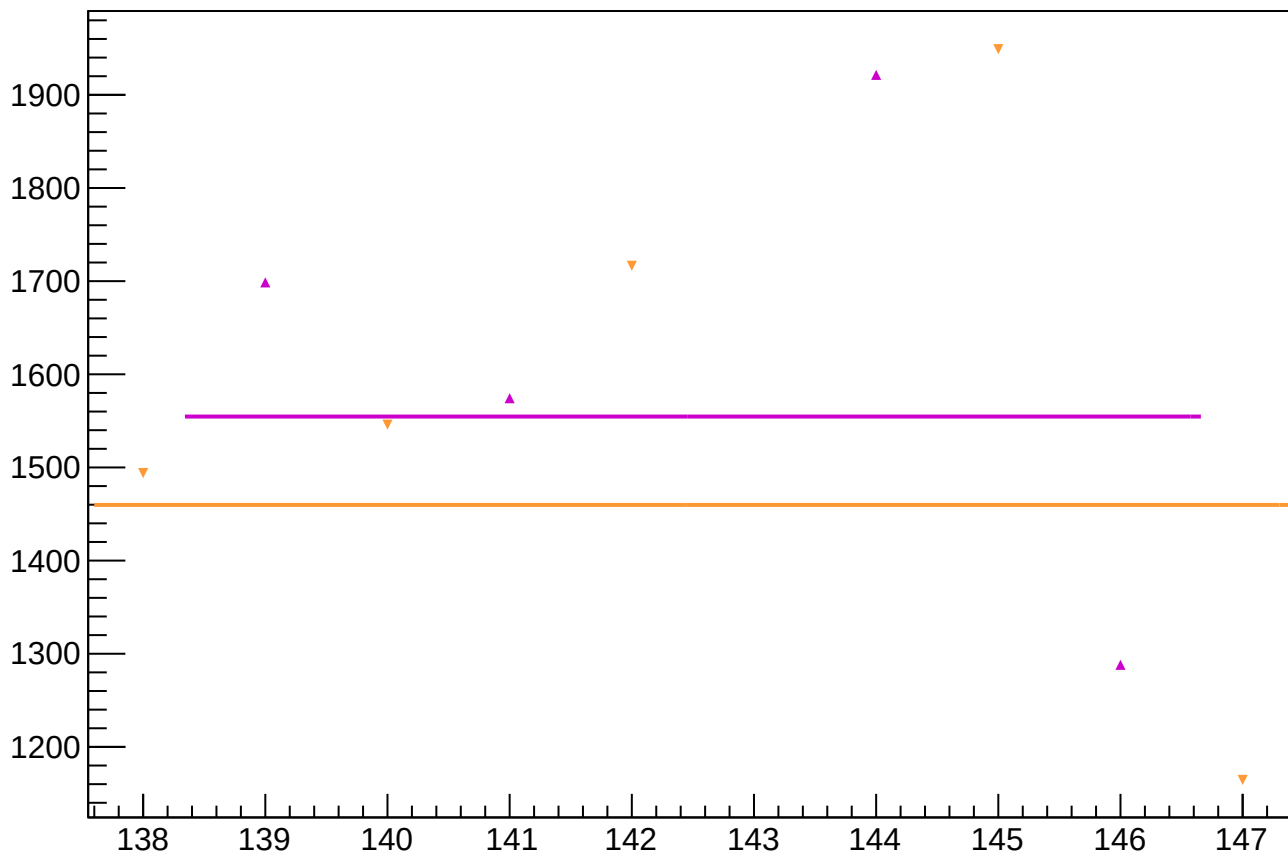
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.195+/-865.361 χ^2/NDF :1.2/3

Out: 230.376+/-798.533 χ^2/NDF :9.9/4

All: 190.281+/-586.853 χ^2/NDF : 11.1/8

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1459.771+/-0.565 χ^2/NDF :217057.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1554.653+/-0.612 χ^2/NDF :143584.2/3

Left: 1503.407+/-0.415 χ^2/NDF : 373628.2/8

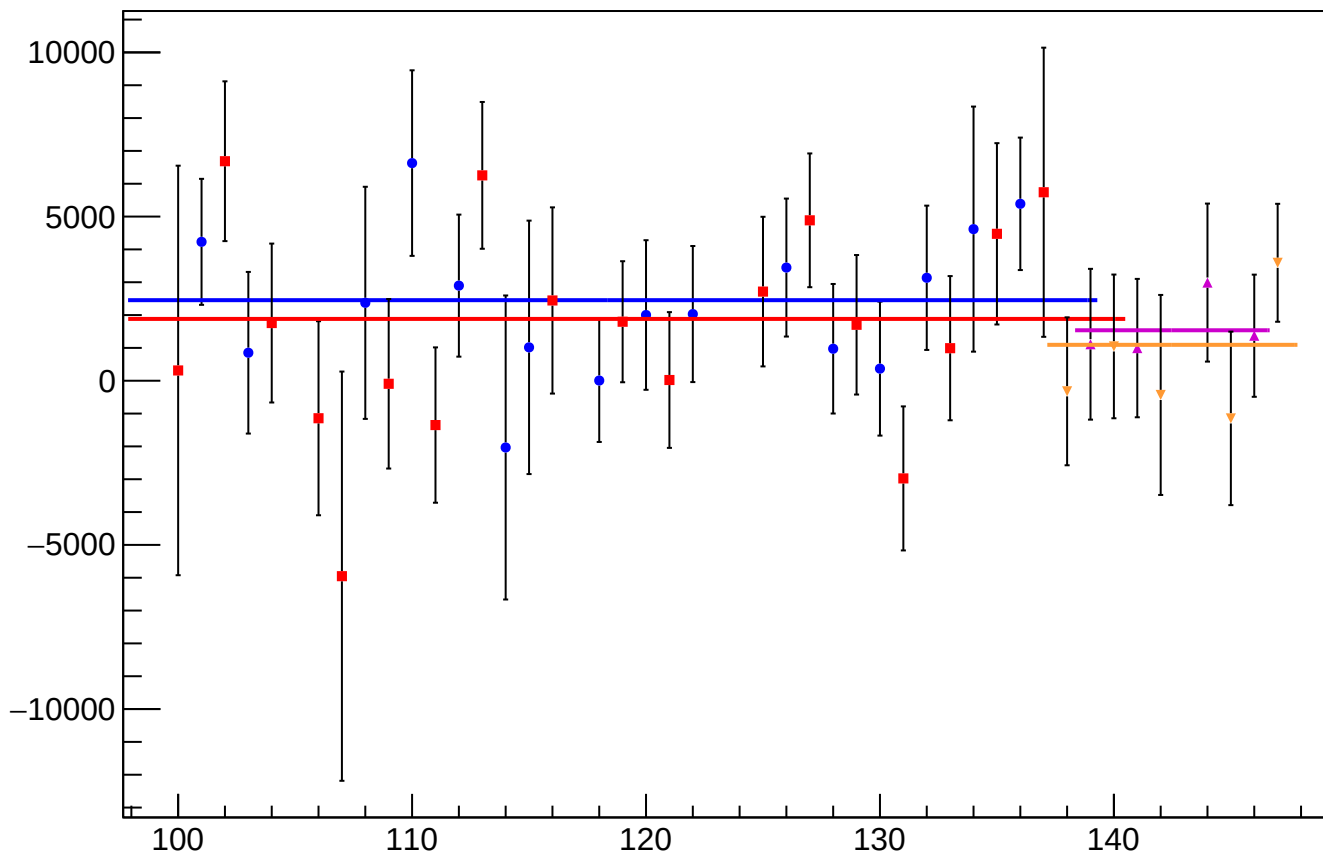
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1554.653+/-0.612 χ^2/NDF :143584.2/3

Out: 1459.771+/-0.565 χ^2/NDF :217057.9/4

All: 1503.407+/-0.415 χ^2/NDF : 373628.2/8

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670 $\pm$ 584.307 χ^2 /NDF: 10.8/15

Left Out: 1093.528 $\pm$ 1017.010 χ^2 /NDF:3.3/4

Right Out: 1882.755 $\pm$ 583.188 χ^2 /NDF: 22.8/17

Left In: 1536.980 $\pm$ 1068.175 χ^2 /NDF:0.5/3

Left: 1304.379 $\pm$ 736.559 χ^2 /NDF: 3.9/8

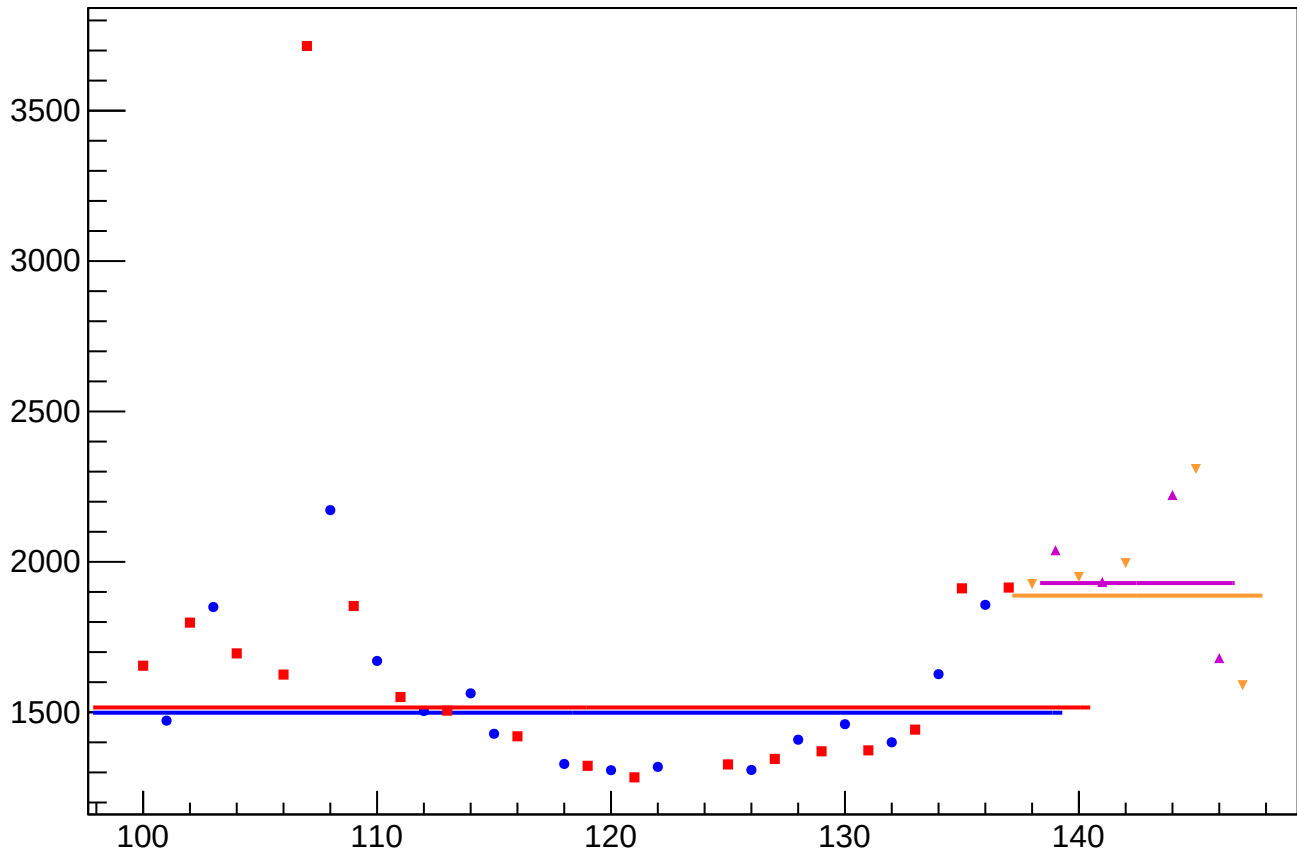
Right: 2167.665 $\pm$ 412.771 χ^2 /NDF: 34.0/33

In: 2242.548 $\pm$ 512.624 χ^2 /NDF:11.8/19

Out: 1687.455 $\pm$ 505.911 χ^2 /NDF:26.5/22

All: 1961.343 $\pm$ 360.083 χ^2 /NDF: 38.9/42

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485 $\pm$ 0.413 χ^2/NDF : 258807.5/15

Left Out: 1887.826 $\pm$ 0.719 χ^2/NDF : 110465.0/4

Right Out: 1515.949 $\pm$ 0.412 χ^2/NDF : 480541.4/17

Left In: 1929.580 $\pm$ 0.755 χ^2/NDF : 70080.9/3

Left: 1907.679 $\pm$ 0.521 χ^2/NDF : 182148.7/8

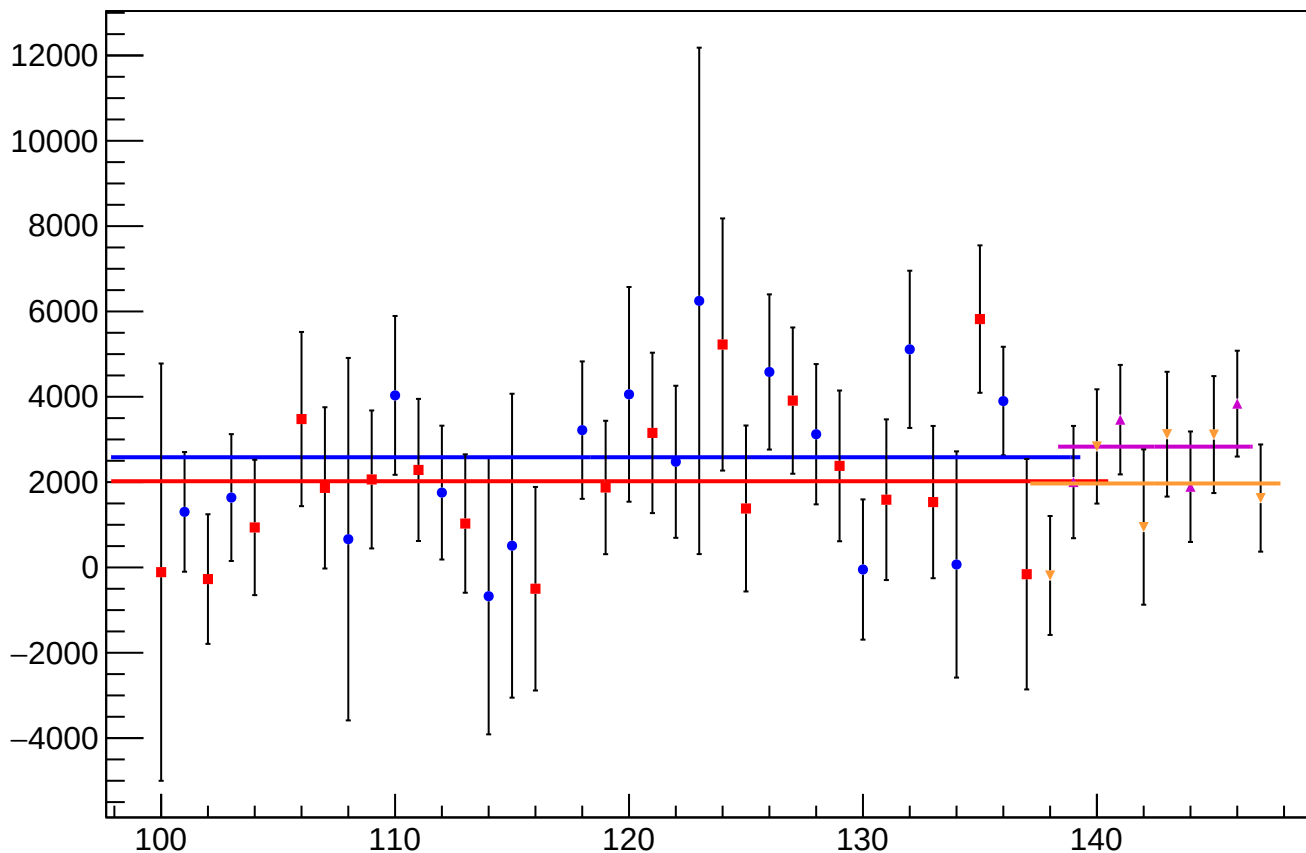
Right: 1507.233 $\pm$ 0.292 χ^2/NDF : 740243.9/33

In: 1597.770 $\pm$ 0.362 χ^2/NDF : 579619.1/19

Out: 1607.972 $\pm$ 0.358 χ^2/NDF : 792244.9/22

All: 1602.938 $\pm$ 0.255 χ^2/NDF : 1372265.3/42

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988 $\pm$ 453.193 χ^2 /NDF: 12.3/16

Left Out: 1967.758 $\pm$ 576.648 χ^2 /NDF: 4.5/5

Right Out: 2020.735 $\pm$ 426.756 χ^2 /NDF: 13.5/18

Left In: 2831.313 $\pm$ 641.363 χ^2 /NDF: 1.8/3

Left: 2353.782 $\pm$ 428.811 χ^2 /NDF: 7.4/9

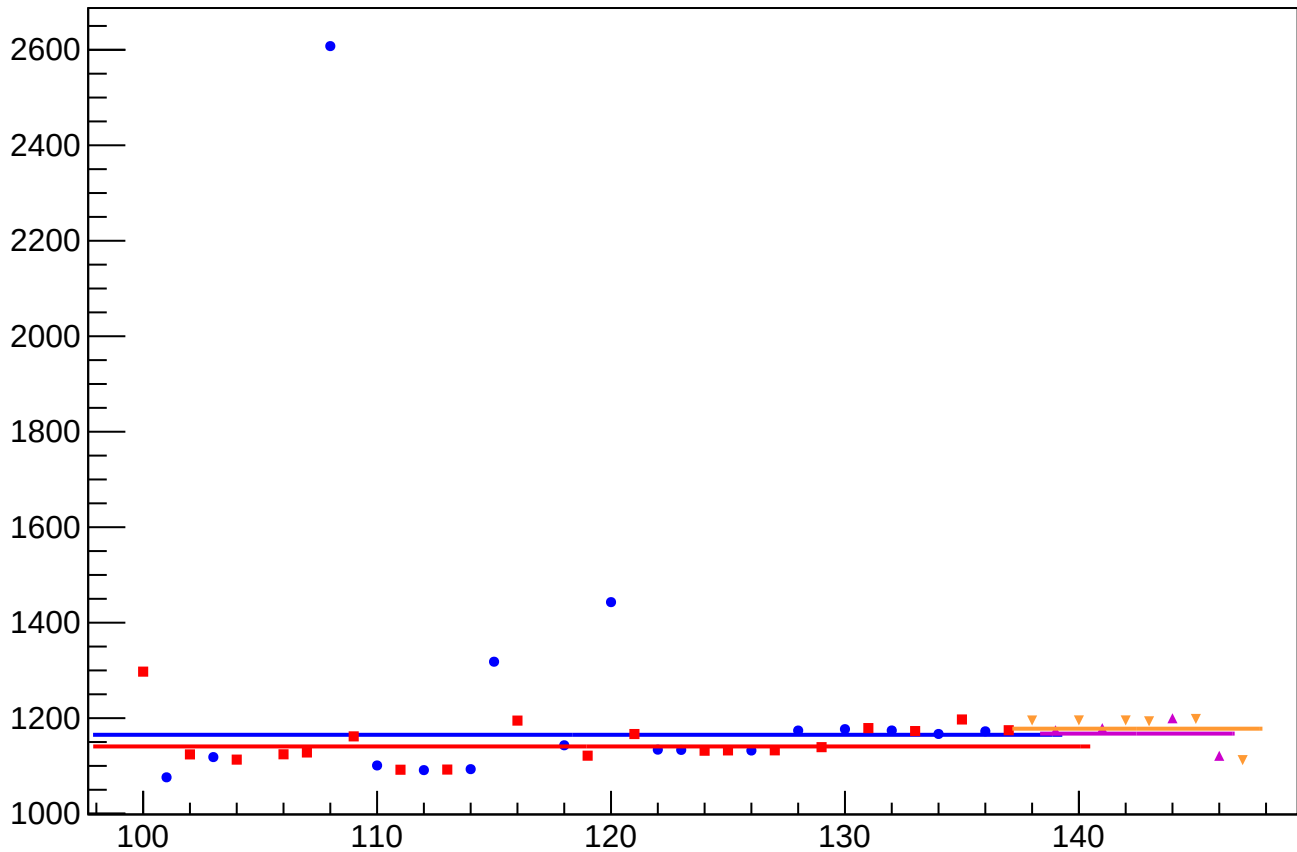
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

In: 2665.686 $\pm$ 370.118 χ^2 /NDF: 14.2/20

Out: 2001.987 $\pm$ 343.034 χ^2 /NDF: 18.0/24

All: 2308.667 $\pm$ 251.592 χ^2 /NDF: 34.0/45

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

Left Out: 1177.959 $\pm$ 0.408 χ^2 /NDF: 6980.1/5

Right Out: 1140.752 $\pm$ 0.302 χ^2 /NDF: 12717.7/18

Left In: 1167.656 $\pm$ 0.454 χ^2 /NDF: 4254.8/3

Left: 1173.353 $\pm$ 0.303 χ^2 /NDF: 11520.3/9

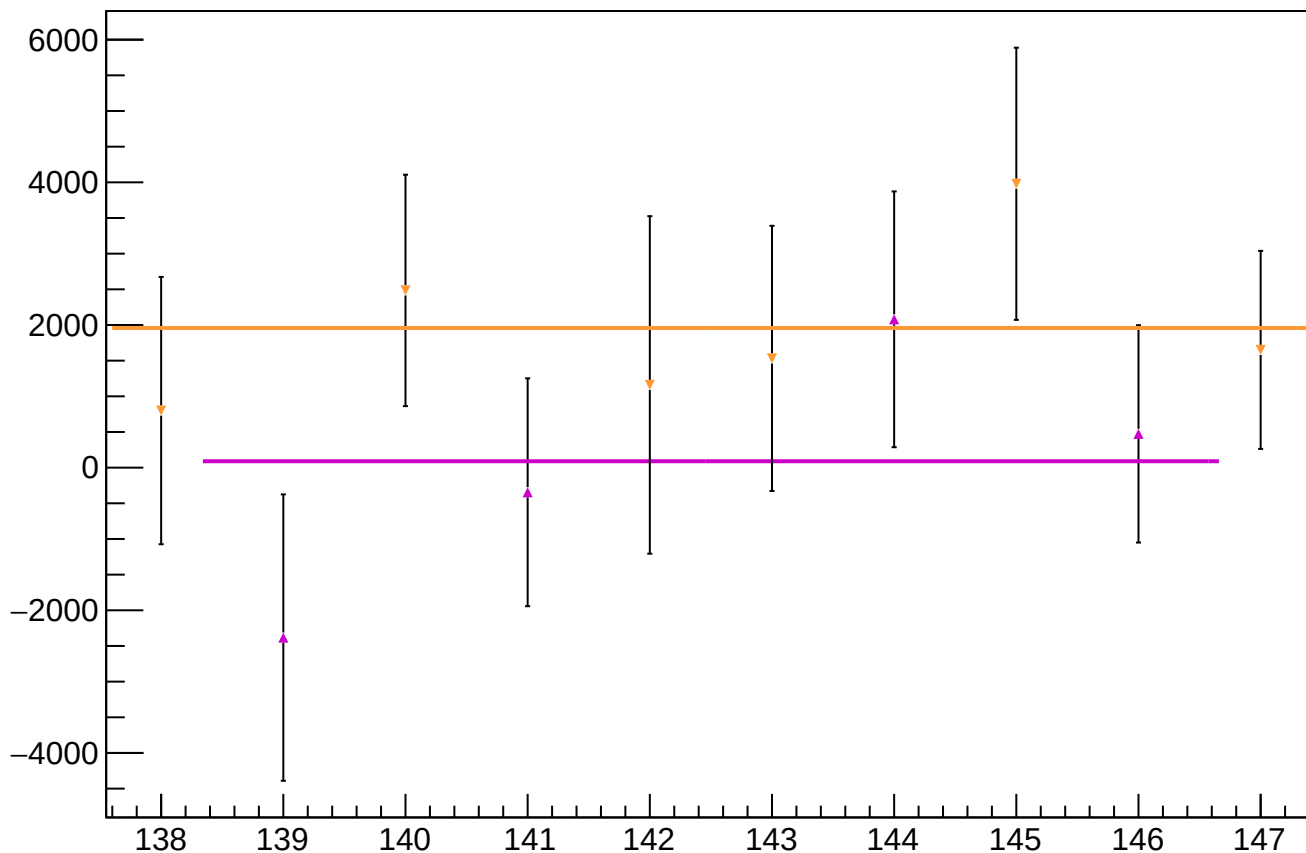
Right: 1152.217 $\pm$ 0.220 χ^2 /NDF: 294359.2/35

In: 1165.982 $\pm$ 0.262 χ^2 /NDF: 282845.4/20

Out: 1153.918 $\pm$ 0.243 χ^2 /NDF: 25077.5/24

All: 1159.493 $\pm$ 0.178 χ^2 /NDF: 309065.9/45

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1958.253 $\pm$ 720.517 χ^2 /NDF:1.8/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 89.808 $\pm$ 850.738 χ^2 /NDF:2.9/3

Left: 1177.826 $\pm$ 549.822 χ^2 /NDF: 7.5/9

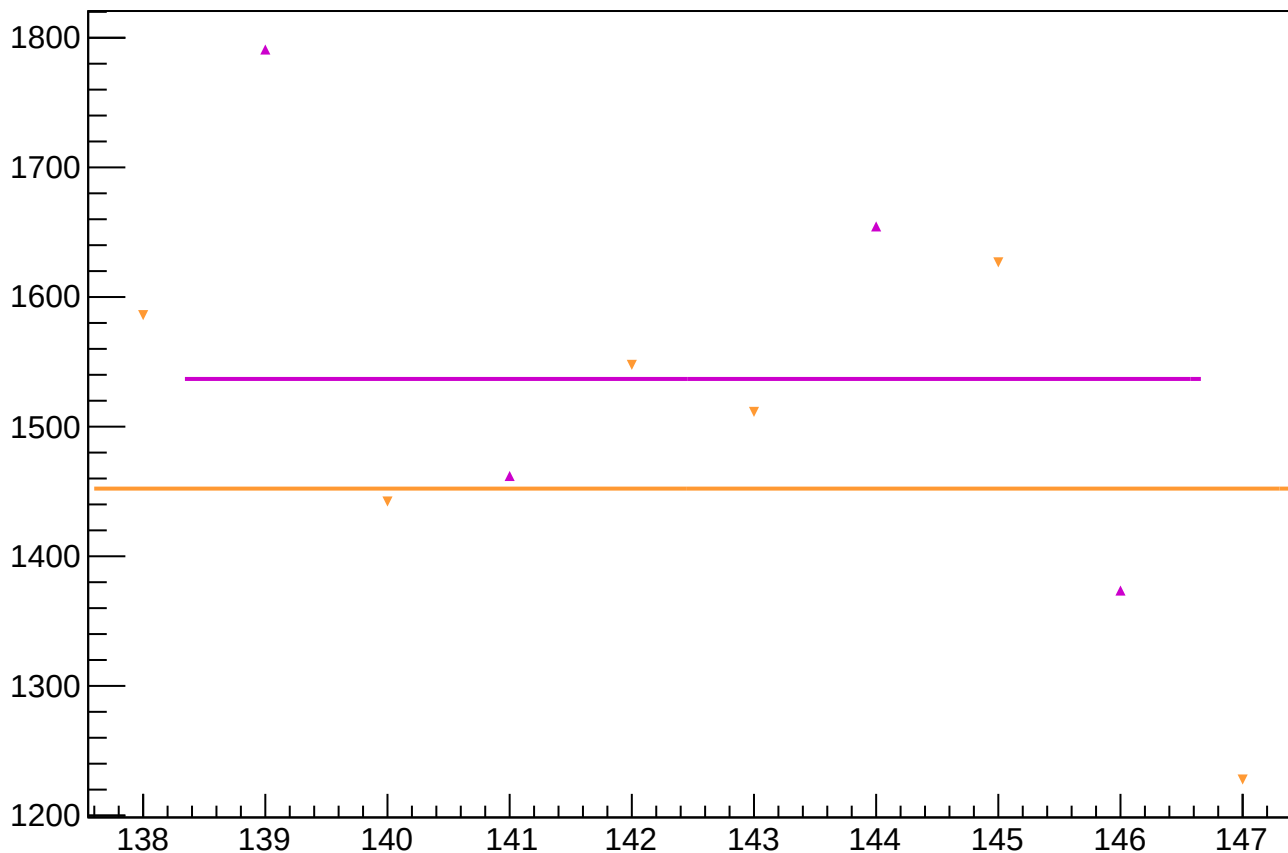
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 89.808 $\pm$ 850.738 χ^2 /NDF:2.9/3

Out: 1958.253 $\pm$ 720.517 χ^2 /NDF:1.8/5

All: 1177.826 $\pm$ 549.822 χ^2 /NDF: 7.5/9

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1452.211+/-0.509 χ^2/NDF : 84553.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1536.805+/-0.602 χ^2/NDF : 68002.7/3

Left: 1487.545+/-0.389 χ^2/NDF : 164071.6/9

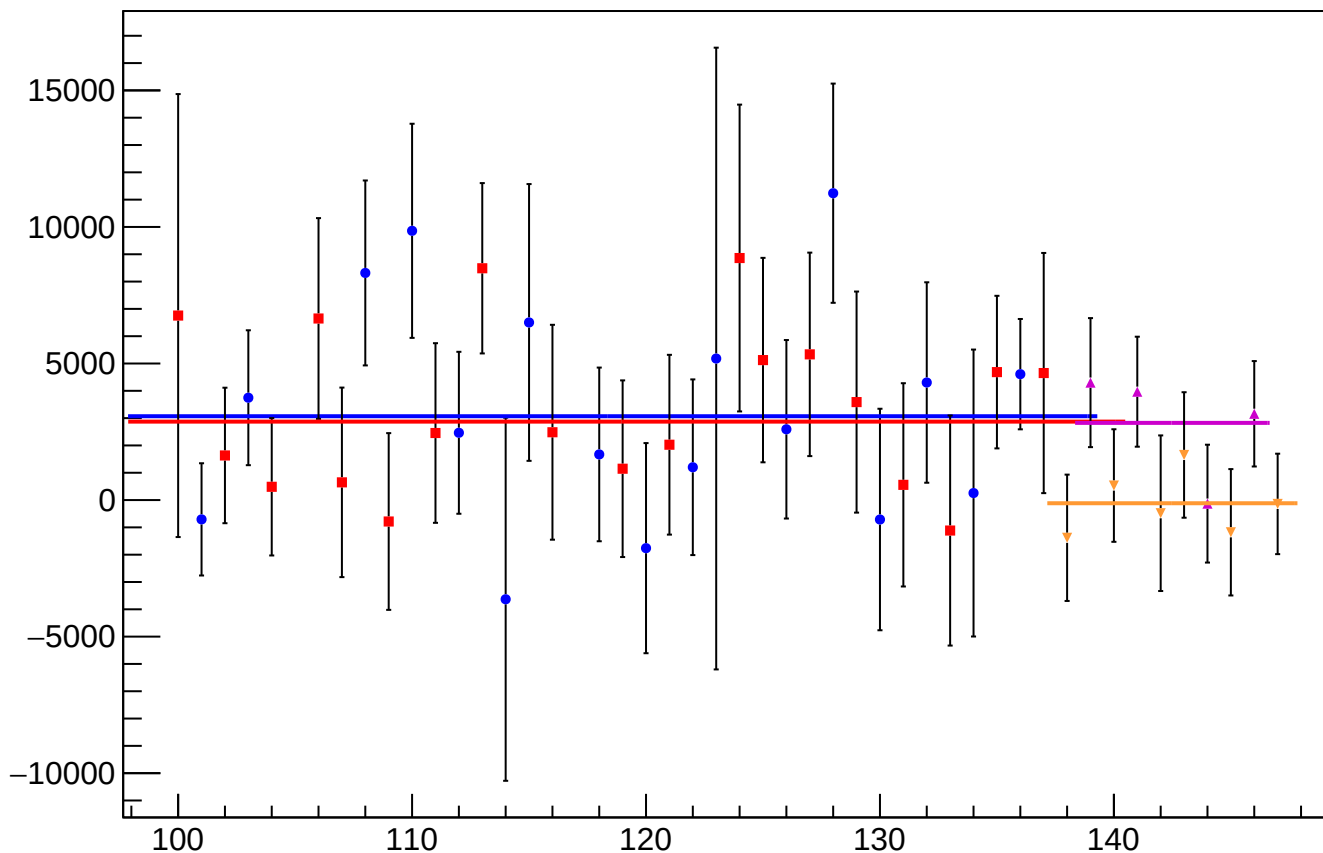
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1536.805+/-0.602 χ^2/NDF : 68002.7/3

Out: 1452.211+/-0.509 χ^2/NDF : 84553.4/5

All: 1487.545+/-0.389 χ^2/NDF : 164071.6/9

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484+/-797.741 χ^2/NDF : 18.5/16

Left Out: -116.335+/-906.248 χ^2/NDF : 1.2/5

Right Out: 2872.615+/-795.352 χ^2/NDF : 11.6/18

Left In: 2826.033+/-1048.838 χ^2/NDF : 2.6/3

Left: 1141.389+/-685.729 χ^2/NDF : 8.3/9

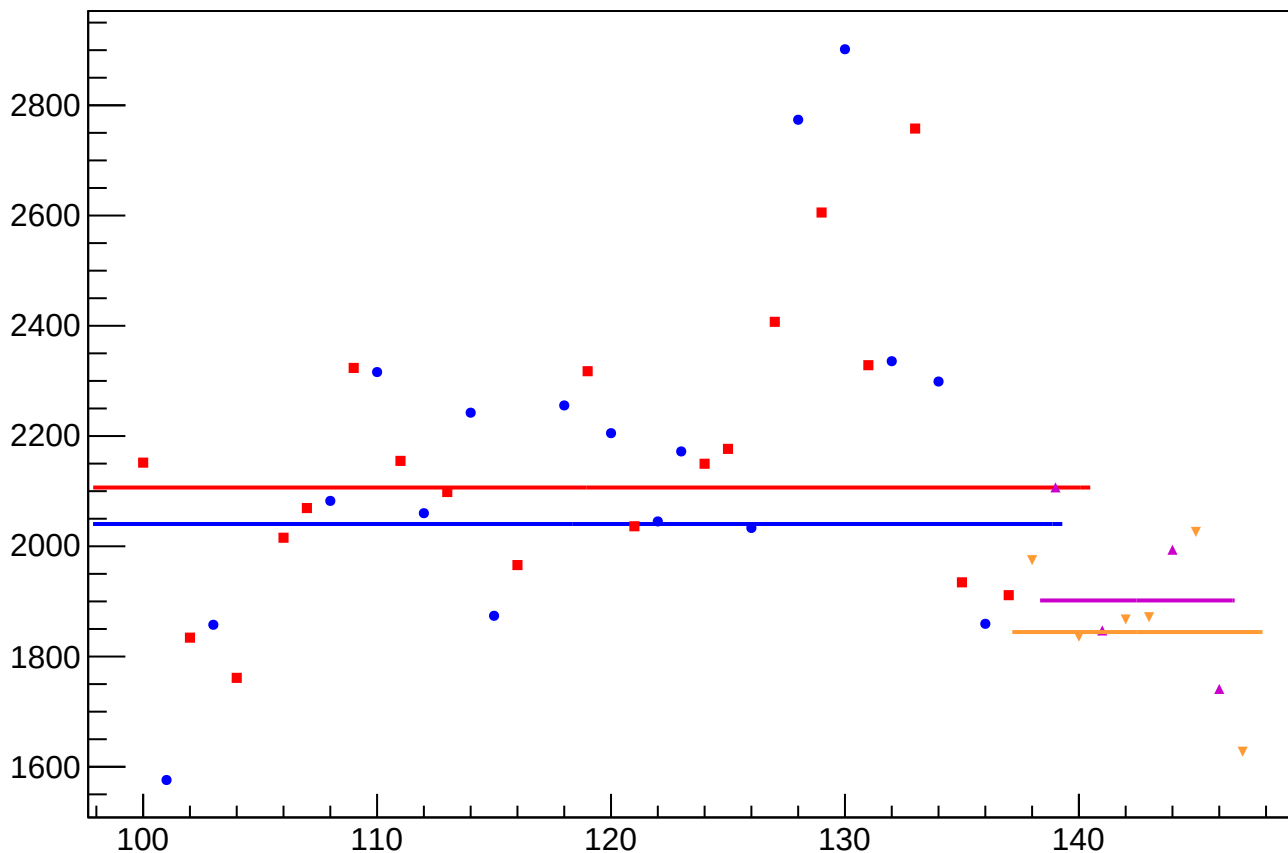
Right: 2970.754+/-563.242 χ^2/NDF : 30.1/35

In: 2980.262+/-634.949 χ^2/NDF : 21.2/20

Out: 1572.109+/-597.783 χ^2/NDF : 18.9/24

All: 2233.770+/-435.243 χ^2/NDF : 42.7/45

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433+/-0.564 χ^2/NDF : 331339.9/16

Left Out: 1844.438+/-0.641 χ^2/NDF : 46979.4/5

Right Out: 2106.624+/-0.562 χ^2/NDF : 195414.9/18

Left In: 1901.751+/-0.742 χ^2/NDF : 34003.5/3

Left: 1868.937+/-0.485 χ^2/NDF : 84402.1/9

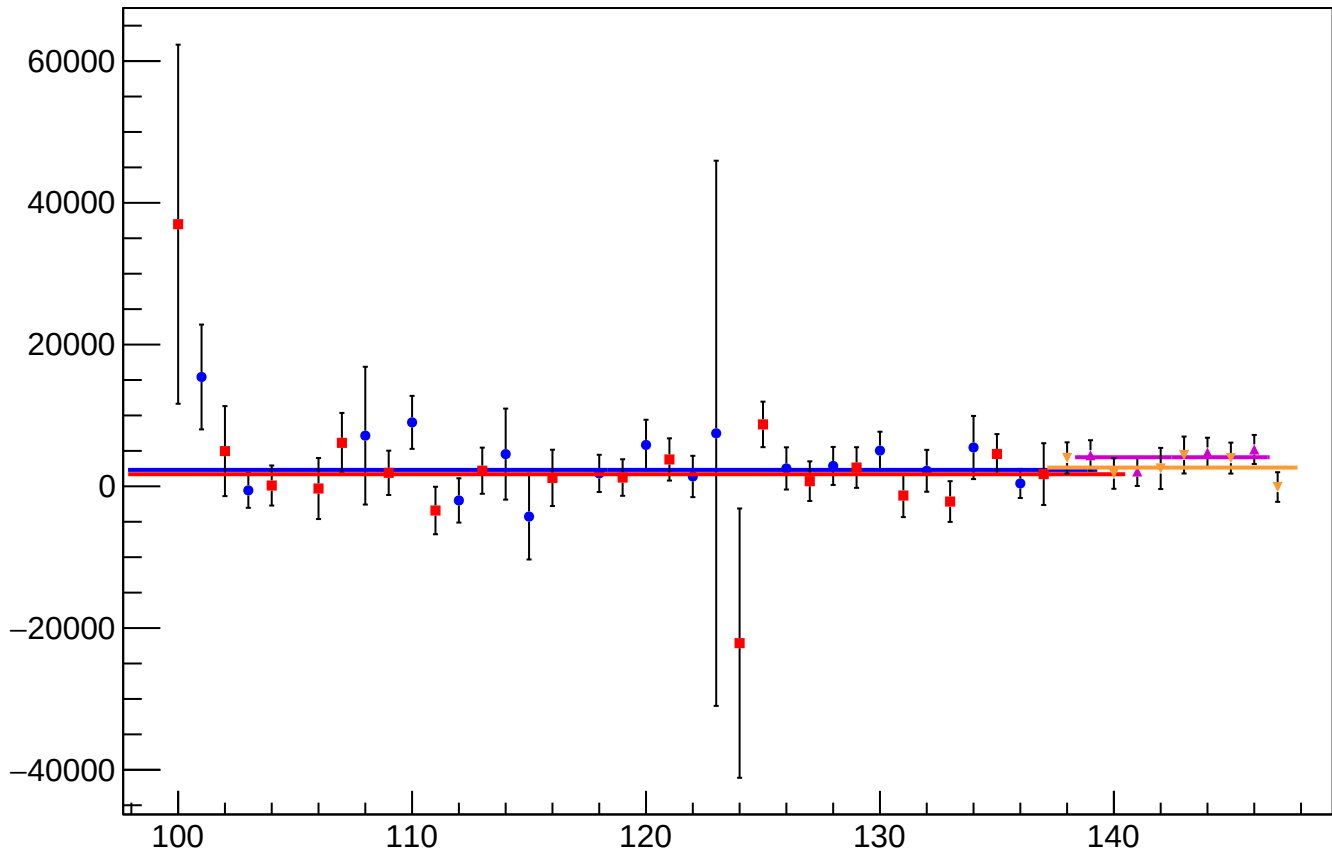
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

In: 1989.608+/-0.449 χ^2/NDF : 387495.2/20

Out: 1992.546+/-0.423 χ^2/NDF : 336957.3/24

All: 1991.165+/-0.308 χ^2/NDF : 724475.2/45

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038+/-801.440 χ^2/NDF : 14.8/16

Left Out: 2644.312+/-942.444 χ^2/NDF : 3.1/5

Right Out: 1705.508+/-782.848 χ^2/NDF : 17.2/18

Left In: 4100.238+/-1038.205 χ^2/NDF : 1.4/3

Left: 3302.048+/-697.813 χ^2/NDF : 5.5/9

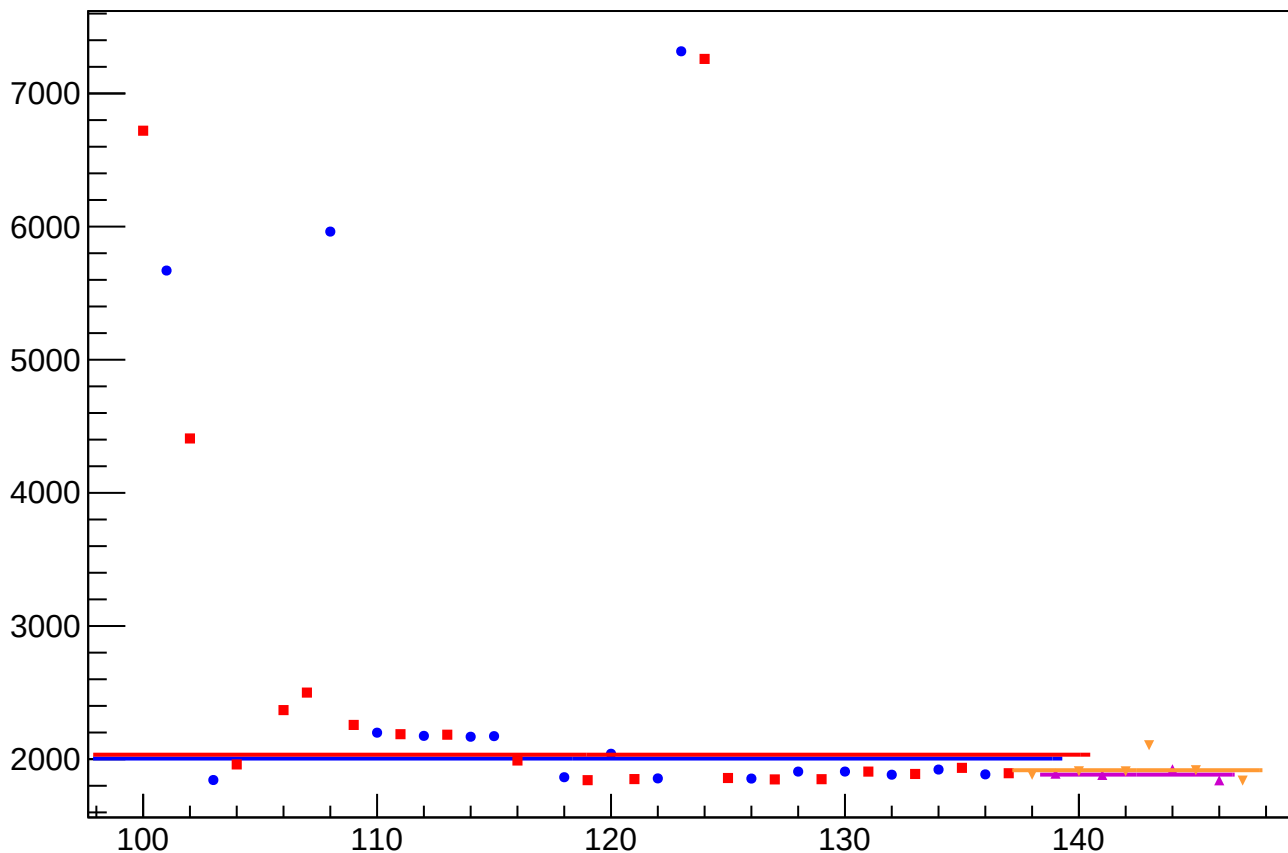
Right: 2005.073+/-560.015 χ^2/NDF : 32.3/35

In: 2984.131+/-634.407 χ^2/NDF : 18.0/20

Out: 2088.803+/-602.192 χ^2/NDF : 20.8/24

All: 2513.159+/-436.759 χ^2/NDF : 39.9/45

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2004.551+/-0.567 χ^2/NDF : 916013.4/16

Left Out: 1916.823+/-0.666 χ^2/NDF :13719.3/5

Right Out: 2033.490+/-0.554 χ^2/NDF : 611009.8/18

Left In: 1883.922+/-0.734 χ^2/NDF :1645.3/3

Left: 1901.960+/-0.493 χ^2/NDF : 16465.7/9

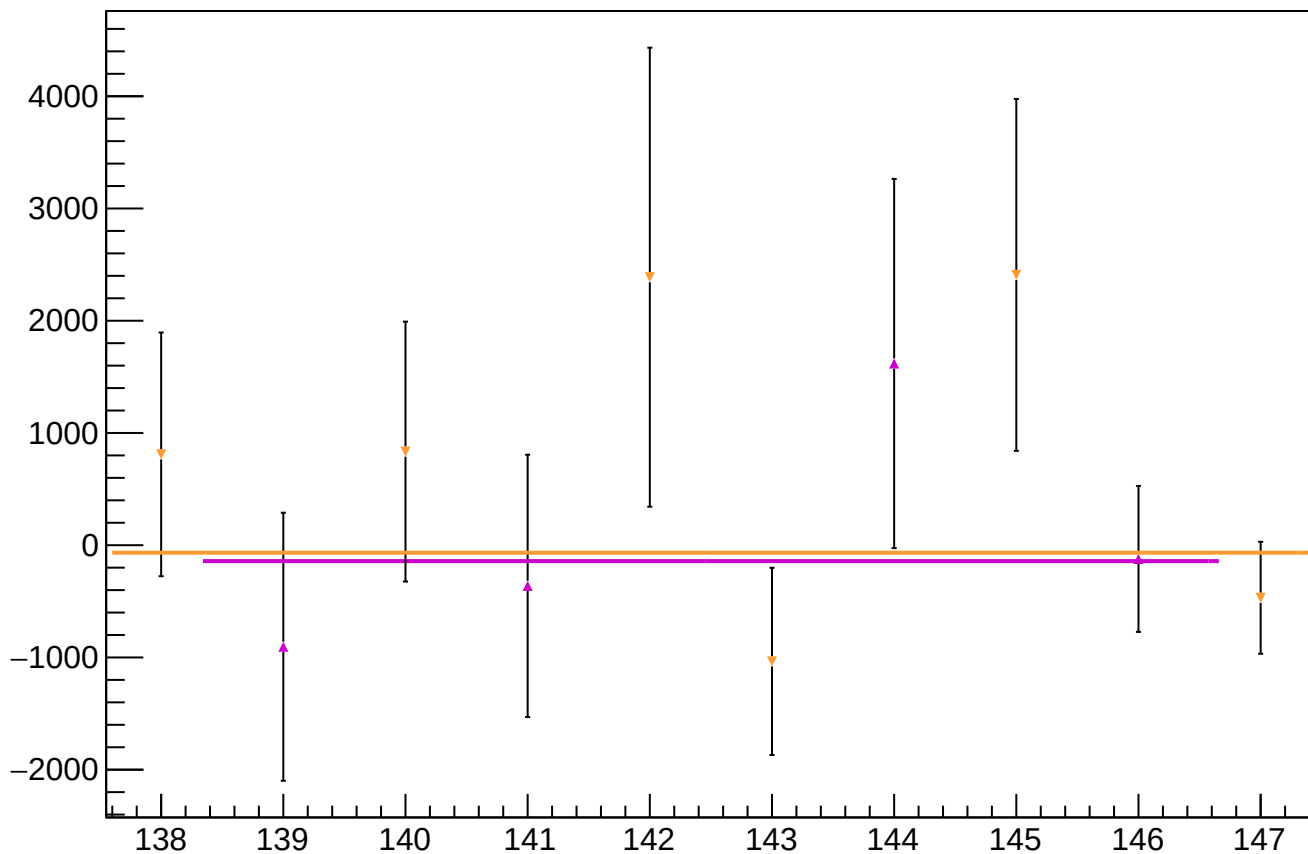
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

In: 1959.509+/-0.449 χ^2/NDF :934577.0/20

Out: 1985.857+/-0.426 χ^2/NDF :642864.8/24

All: 1973.369+/-0.309 χ^2/NDF : 1579256.5/45

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -66.544+/-360.337 χ^2/NDF : 7.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -141.621+/-489.779 χ^2/NDF : 1.6/3

Left: -92.910+/-290.248 χ^2/NDF : 8.8/9

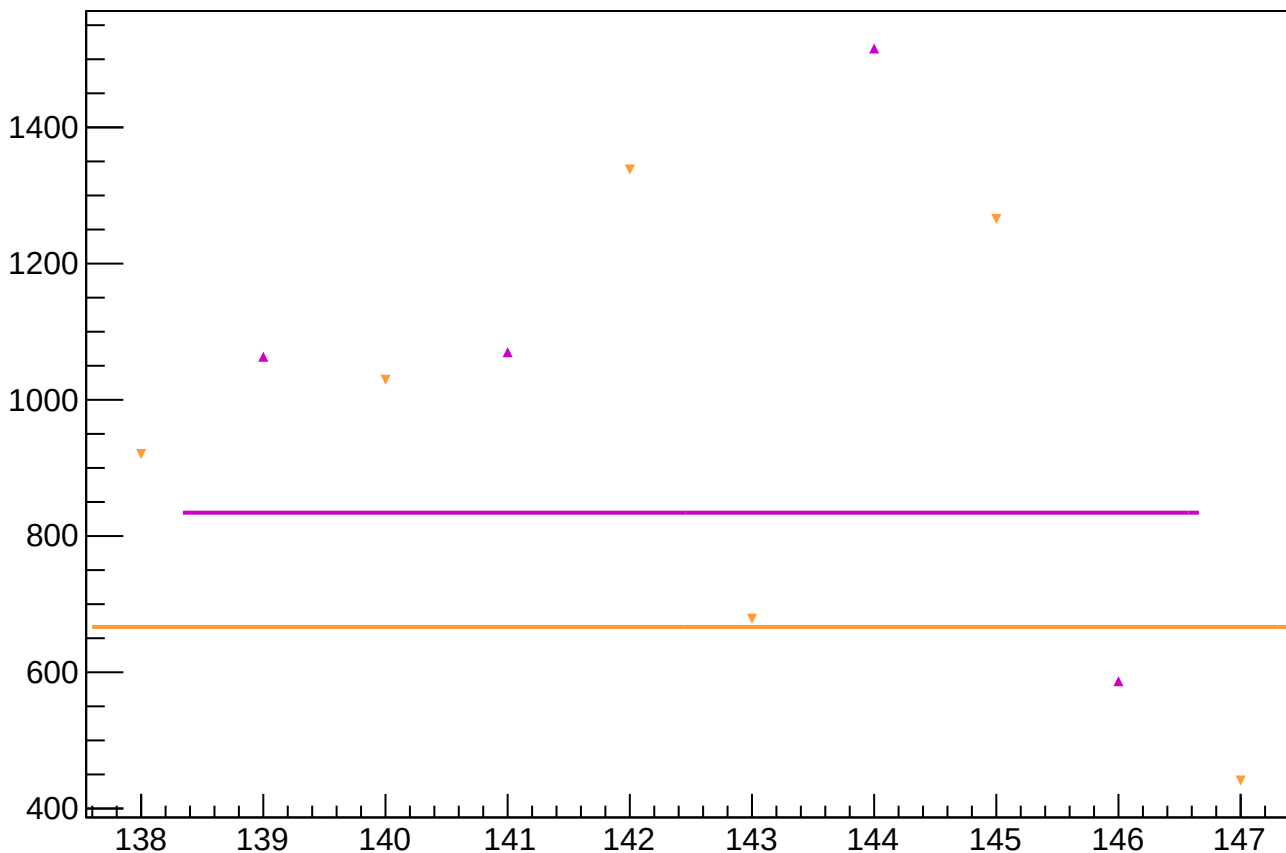
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -141.621+/-489.779 χ^2/NDF : 1.6/3

Out: -66.544+/-360.337 χ^2/NDF : 7.2/5

All: -92.910+/-290.248 χ^2/NDF : 8.8/9

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 666.556+/-0.255 χ^2/NDF :1222976.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 834.304+/-0.346 χ^2/NDF :787789.3/3

Left: 725.466+/-0.205 χ^2/NDF : 2162983.9/9

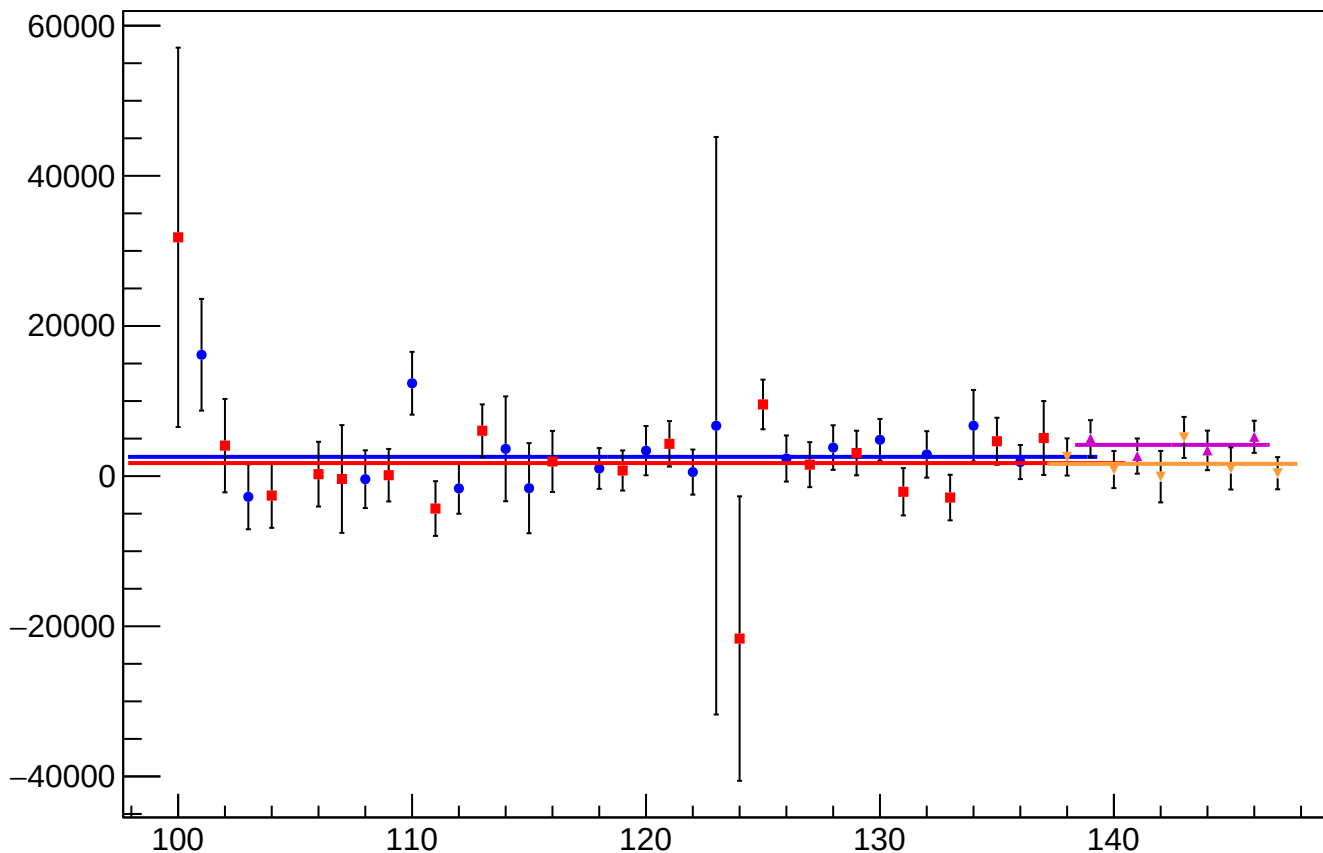
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 834.304+/-0.346 χ^2/NDF :787789.3/3

Out: 666.556+/-0.255 χ^2/NDF :1222976.4/5

All: 725.466+/-0.205 χ^2/NDF : 2162983.9/9

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 1637.934 $\pm$ 1059.353 χ^2 /NDF: 2.5/5

Right Out: 1737.684 $\pm$ 853.181 χ^2 /NDF: 20.5/18

Left In: 4165.112 $\pm$ 1186.096 χ^2 /NDF: 0.9/3

Left: 2759.332 $\pm$ 790.099 χ^2 /NDF: 5.9/9

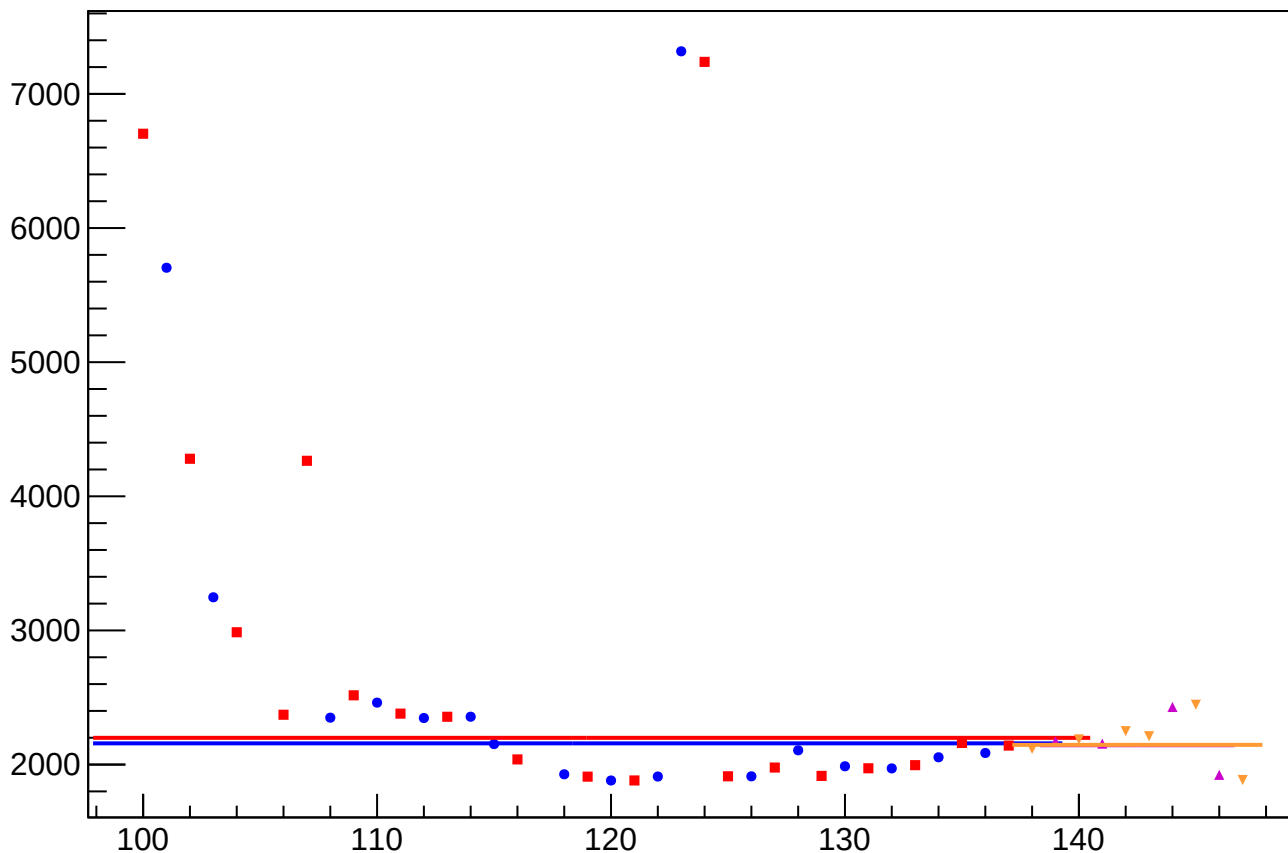
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 3114.247 $\pm$ 694.162 χ^2 /NDF: 17.6/20

Out: 1698.438 $\pm$ 664.476 χ^2 /NDF: 23.0/24

All: 2375.422 $\pm$ 480.007 χ^2 /NDF: 42.8/45

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148+/-0.605 χ^2/NDF : 713862.1/16

Left Out: 2146.973+/-0.749 χ^2/NDF : 56387.3/5

Right Out: 2199.343+/-0.603 χ^2/NDF : 803022.0/18

Left In: 2144.158+/-0.839 χ^2/NDF : 44979.2/3

Left: 2145.724+/-0.559 χ^2/NDF : 101372.8/9

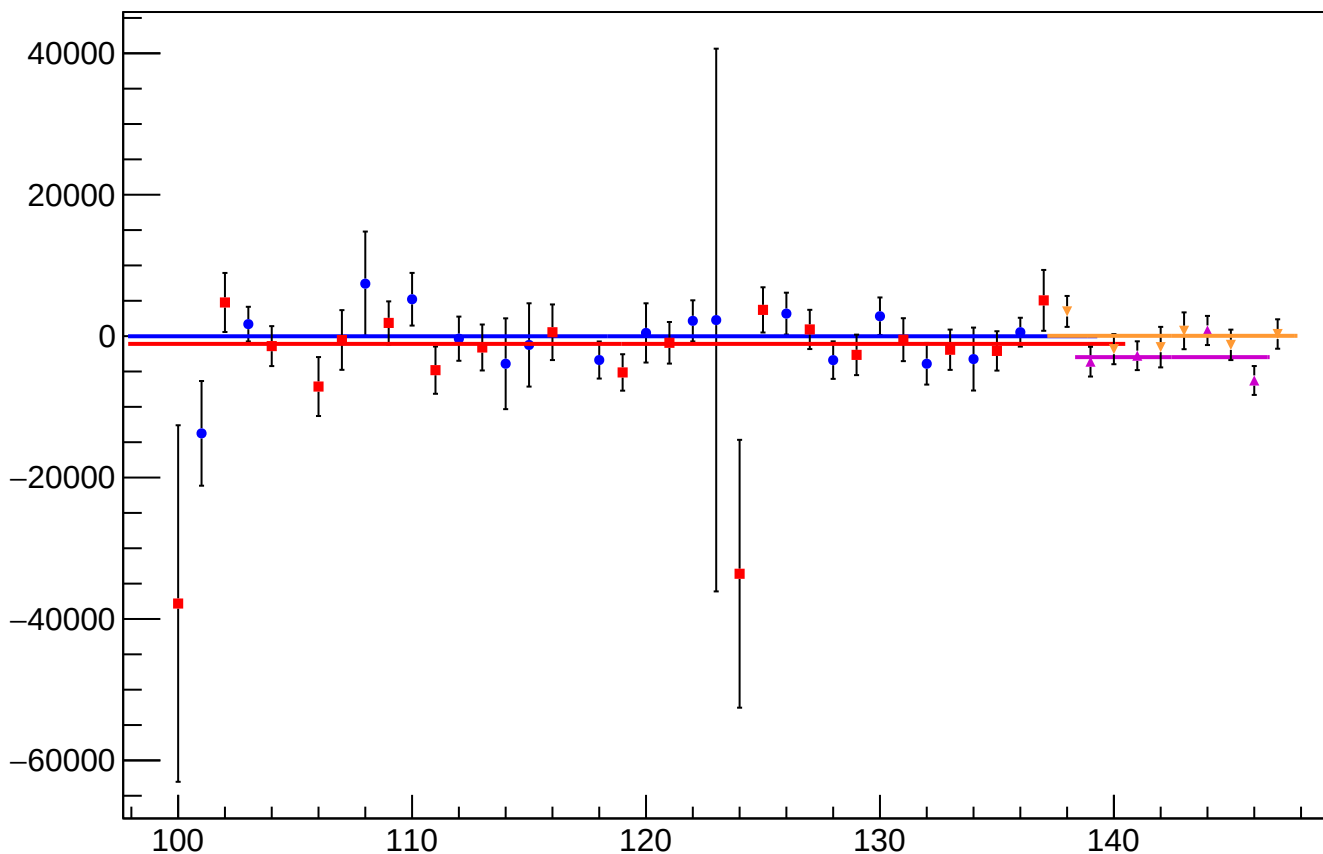
Right: 2178.816+/-0.427 χ^2/NDF : 1519207.5/35

In: 2153.356+/-0.491 χ^2/NDF : 759024.3/20

Out: 2178.739+/-0.470 χ^2/NDF : 862374.0/24

All: 2166.602+/-0.339 χ^2/NDF : 1622793.8/45

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275 ± 801.405 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 45.731 ± 934.580 $\chi^2/\text{NDF}: 4.0/5$

Right Out: -1095.433 ± 769.722 $\chi^2/\text{NDF}: 19.4/18$

Left In: -2968.696 ± 1030.300 $\chi^2/\text{NDF}: 6.1/3$

Left: -1314.982 ± 692.220 $\chi^2/\text{NDF}: 14.8/9$

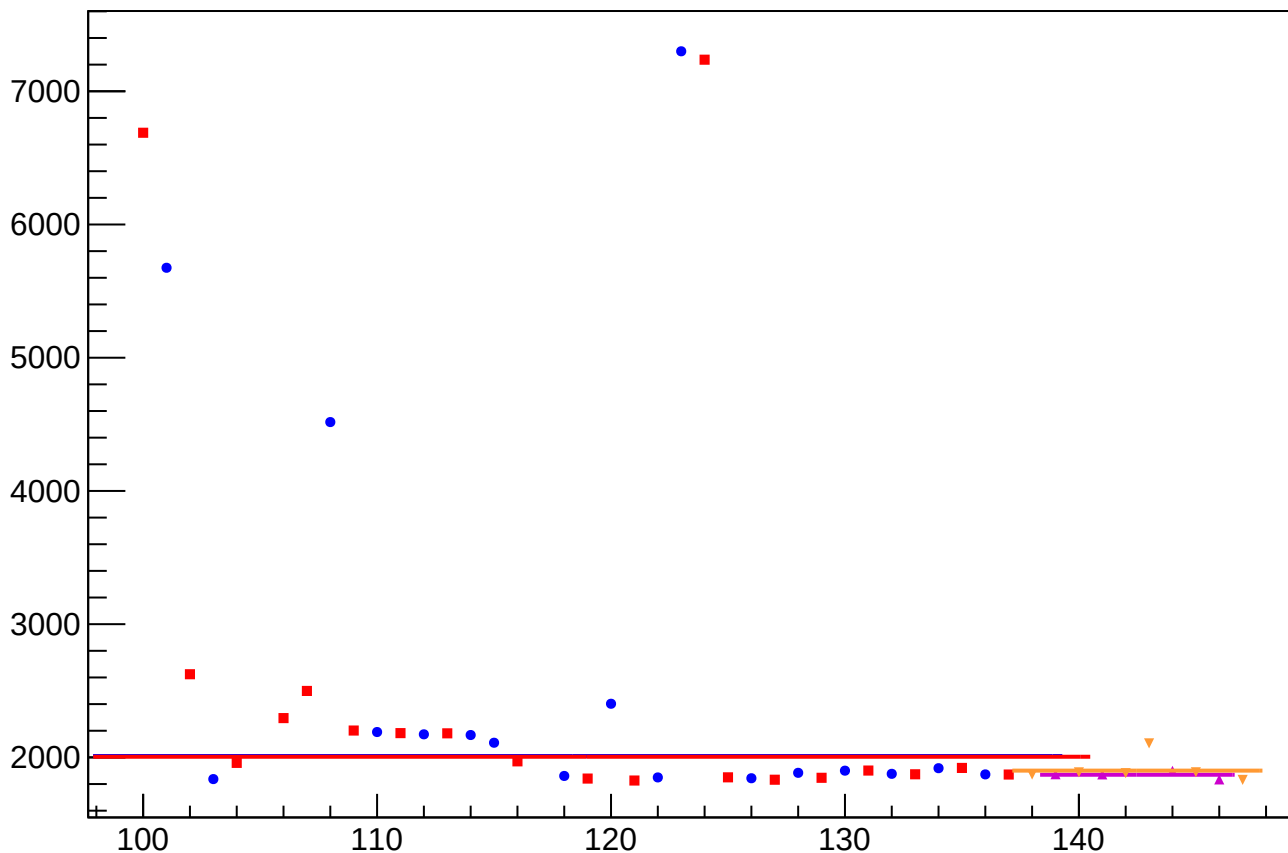
Right: -578.567 ± 555.139 $\chi^2/\text{NDF}: 36.2/35$

In: -1130.462 ± 632.573 $\chi^2/\text{NDF}: 27.0/20$

Out: -634.213 ± 594.151 $\chi^2/\text{NDF}: 24.3/24$

All: -866.810 ± 433.074 $\chi^2/\text{NDF}: 51.7/45$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2010.272+/-0.567 χ^2/NDF : 839746.7/16

Left Out: 1900.743+/-0.661 χ^2/NDF :15183.8/5

Right Out: 2004.882+/-0.544 χ^2/NDF : 367513.0/18

Left In: 1869.815+/-0.729 χ^2/NDF :1005.5/3

Left: 1886.782+/-0.489 χ^2/NDF : 17177.9/9

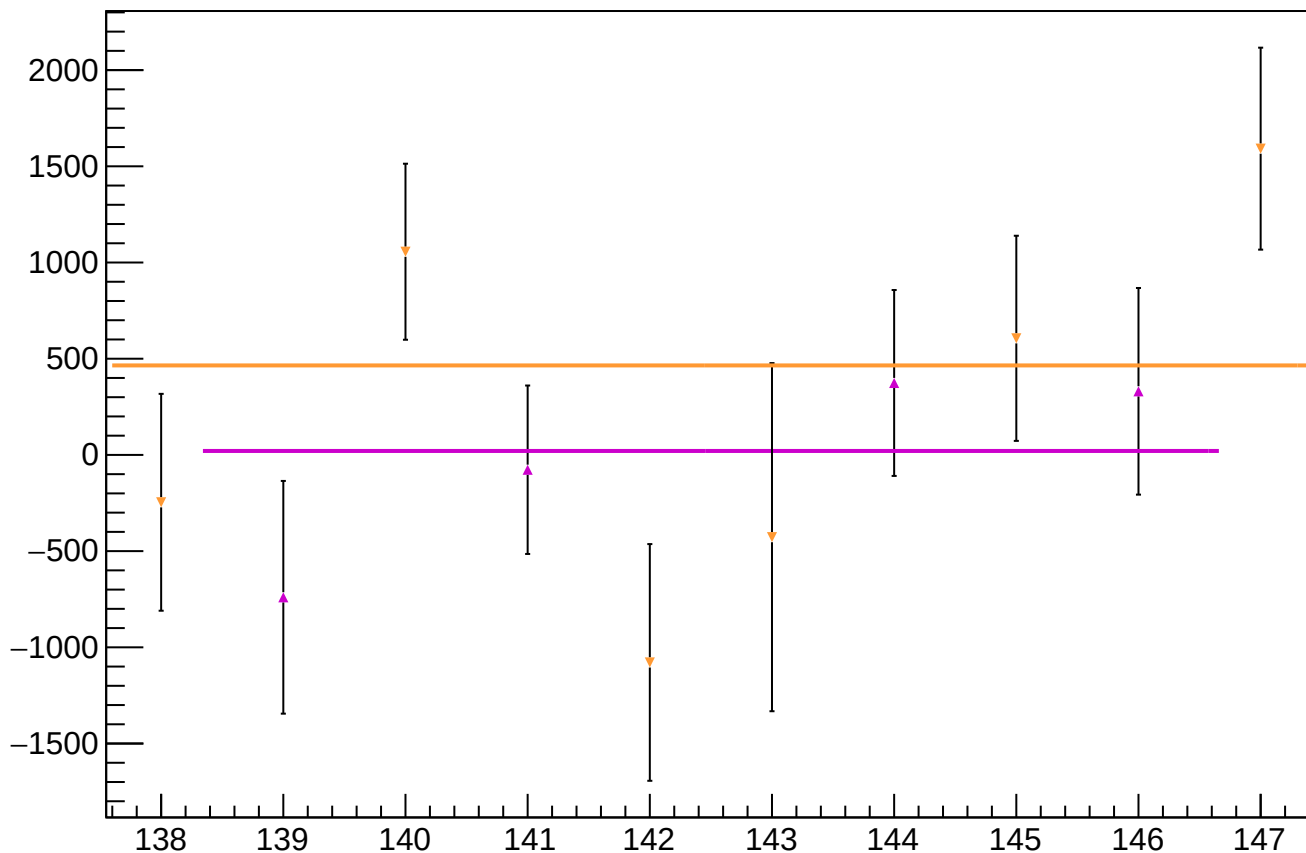
Right: 2007.469+/-0.393 χ^2/NDF : 1207306.7/35

In: 1957.326+/-0.447 χ^2/NDF :863910.5/20

Out: 1962.793+/-0.420 χ^2/NDF :397493.2/24

All: 1960.230+/-0.306 χ^2/NDF : 1261483.0/45

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 465.144+/-229.769 χ^2/NDF :15.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.568+/-252.334 χ^2/NDF :2.5/3

Left: 263.620+/-169.890 χ^2/NDF : 19.4/9

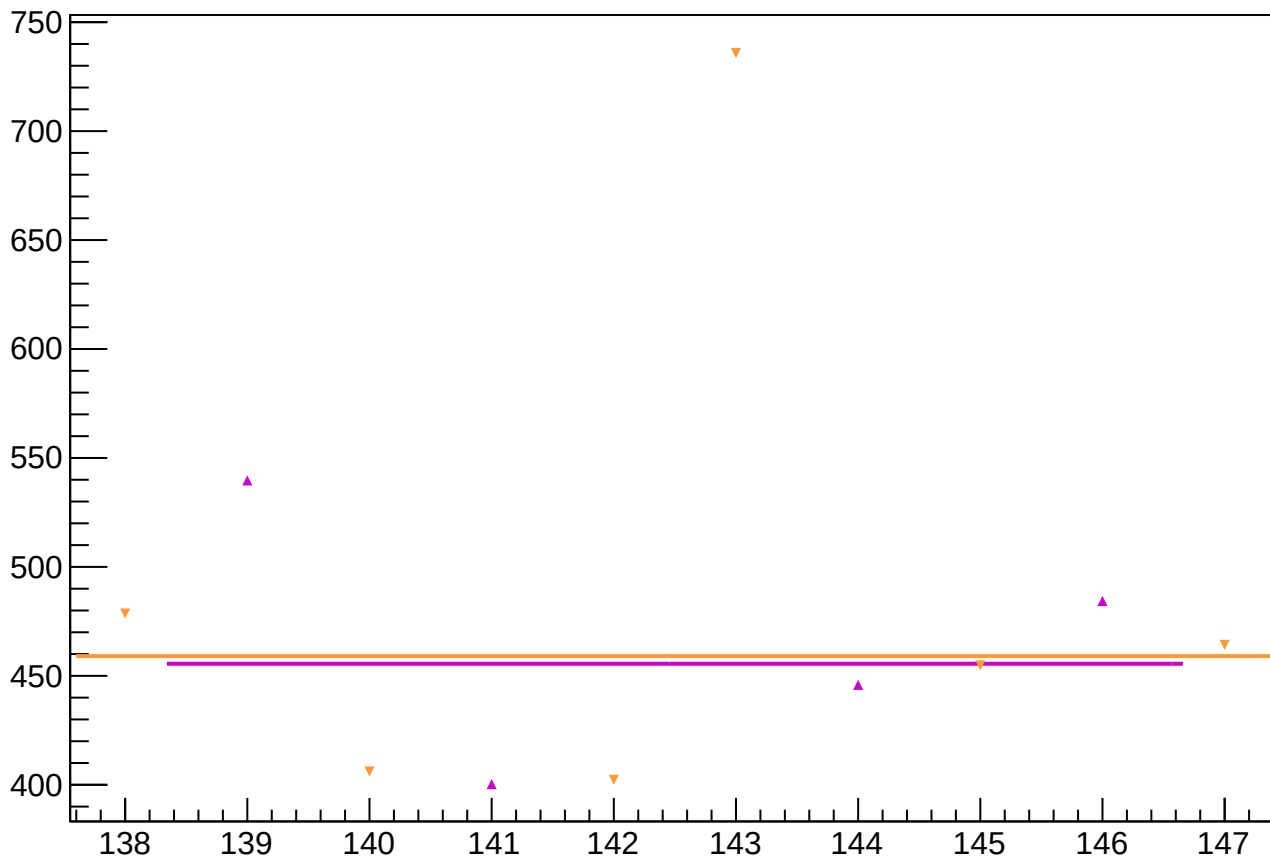
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.568+/-252.334 χ^2/NDF :2.5/3

Out: 465.144+/-229.769 χ^2/NDF :15.2/5

All: 263.620+/-169.890 χ^2/NDF : 19.4/9

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 459.070+/-0.162 χ^2/NDF :233743.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 455.563+/-0.178 χ^2/NDF :77137.0/3

Left: 457.480+/-0.120 χ^2/NDF : 311092.2/9

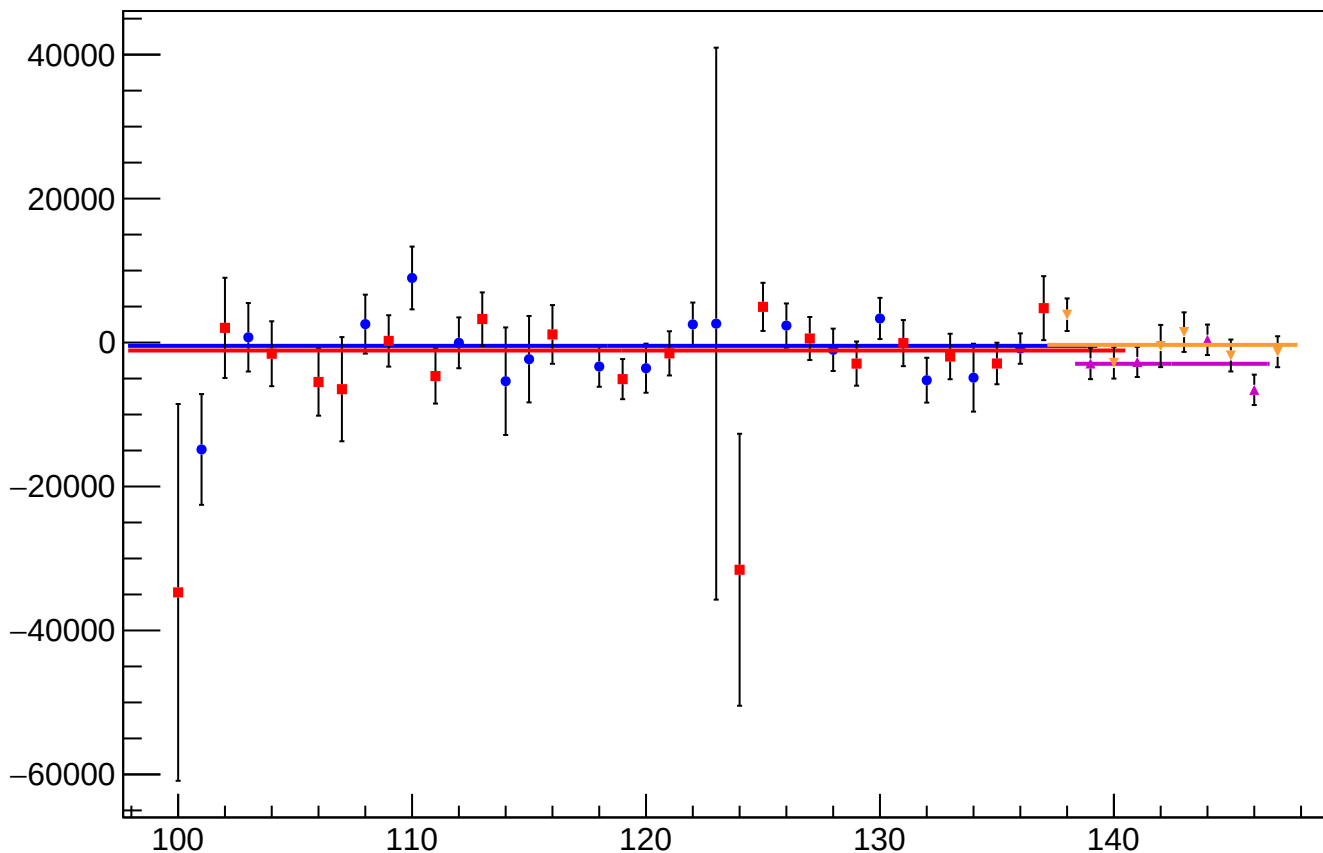
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 455.563+/-0.178 χ^2/NDF :77137.0/3

Out: 459.070+/-0.162 χ^2/NDF :233743.9/5

All: 457.480+/-0.120 χ^2/NDF : 311092.2/9

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311+/-865.151 χ^2/NDF : 18.1/16

Left Out: -321.800+/-965.255 χ^2/NDF : 5.8/5

Right Out: -1104.312+/-867.160 χ^2/NDF : 16.9/18

Left In: -2949.469+/-1062.132 χ^2/NDF : 5.4/3

Left: -1510.358+/-714.338 χ^2/NDF : 14.6/9

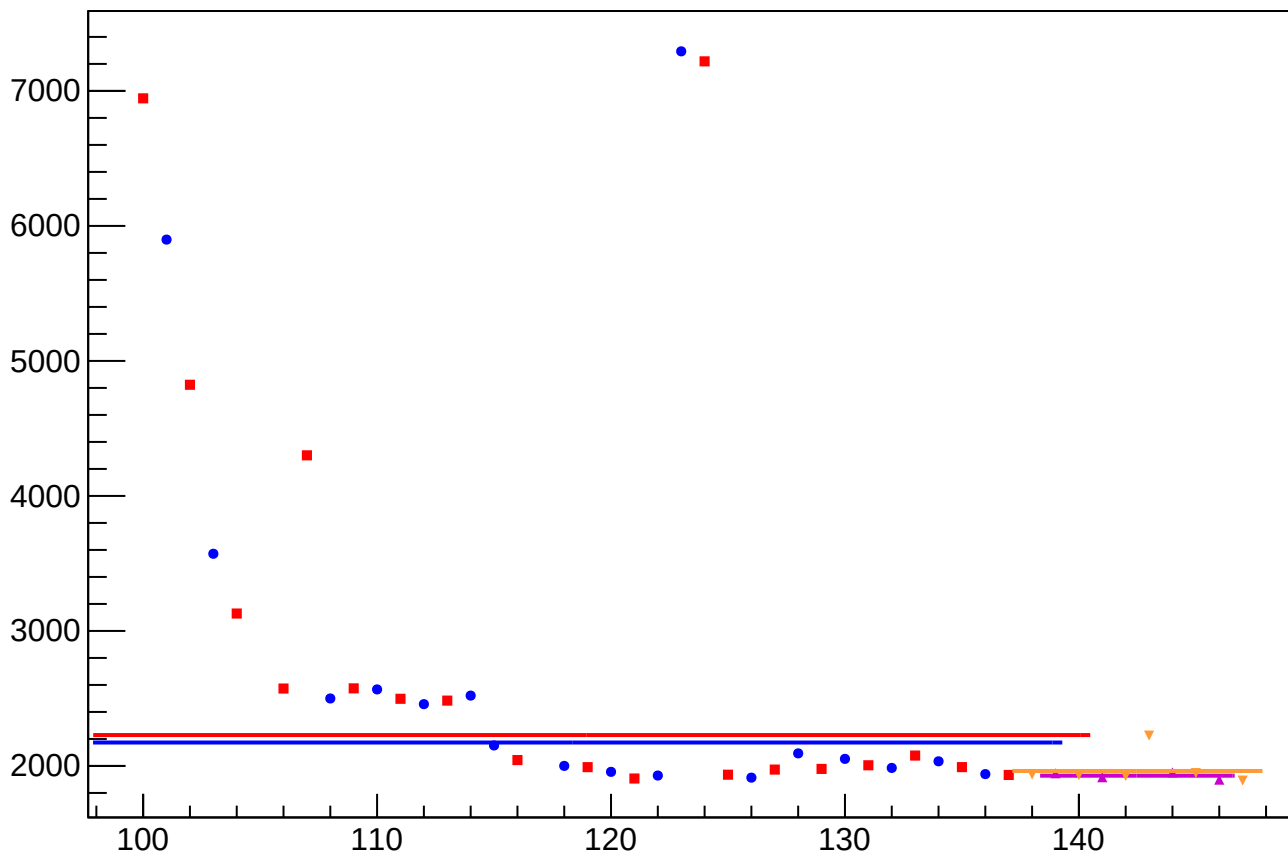
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

In: -1451.909+/-670.785 χ^2/NDF : 26.8/20

Out: -754.826+/-645.076 χ^2/NDF : 23.1/24

All: -1089.754+/-464.961 χ^2/NDF : 50.4/45

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529+/-0.612 χ^2/NDF : 805360.7/16

Left Out: 1962.738+/-0.683 χ^2/NDF : 21452.4/5

Right Out: 2228.892+/-0.613 χ^2/NDF : 895863.4/18

Left In: 1927.819+/-0.751 χ^2/NDF : 844.5/3

Left: 1946.943+/-0.505 χ^2/NDF : 23480.9/9

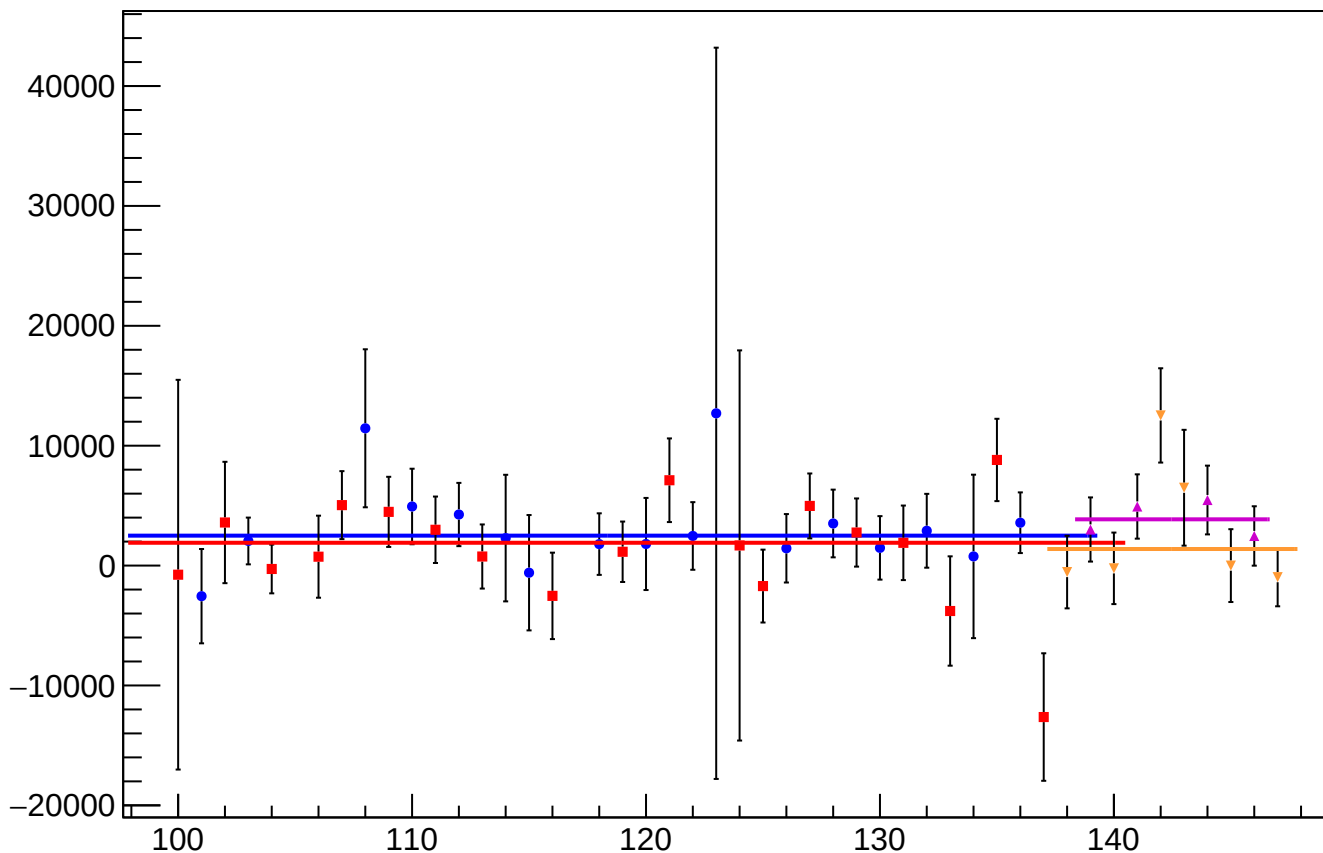
Right: 2201.146+/-0.433 χ^2/NDF : 1705309.7/35

In: 2075.527+/-0.474 χ^2/NDF : 870548.1/20

Out: 2110.023+/-0.456 χ^2/NDF : 1001462.7/24

All: 2093.449+/-0.329 χ^2/NDF : 1874758.8/45

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610 $\pm$ 768.295 χ^2 /NDF: 5.9/16

Left Out: 1382.541 $\pm$ 1283.764 χ^2 /NDF:11.0/5

Right Out: 1902.970 $\pm$ 736.793 χ^2 /NDF: 23.5/18

Left In: 3857.874 $\pm$ 1332.588 χ^2 /NDF:0.9/3

Left: 2574.030 $\pm$ 924.537 χ^2 /NDF: 13.7/9

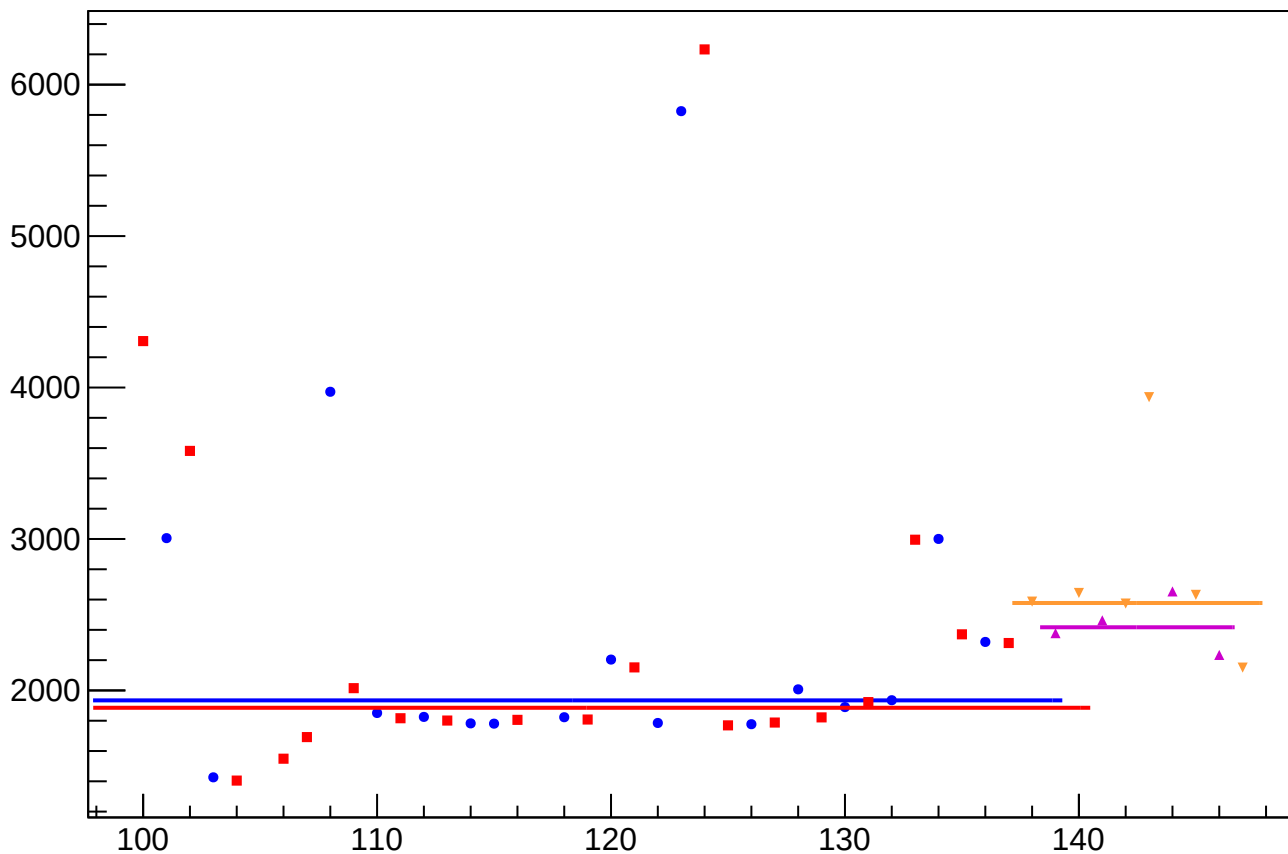
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

In: 2836.212 $\pm$ 665.595 χ^2 /NDF:7.6/20

Out: 1774.018 $\pm$ 639.025 χ^2 /NDF:34.6/24

All: 2283.491 $\pm$ 460.966 χ^2 /NDF: 43.5/45

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404+/-0.543 χ^2/NDF : 638920.4/16

Left Out: 2577.403+/-0.908 χ^2/NDF :221620.3/5

Right Out: 1885.547+/-0.521 χ^2/NDF : 752091.8/18

Left In: 2417.053+/-0.942 χ^2/NDF :25504.7/3

Left: 2500.219+/-0.654 χ^2/NDF : 262144.4/9

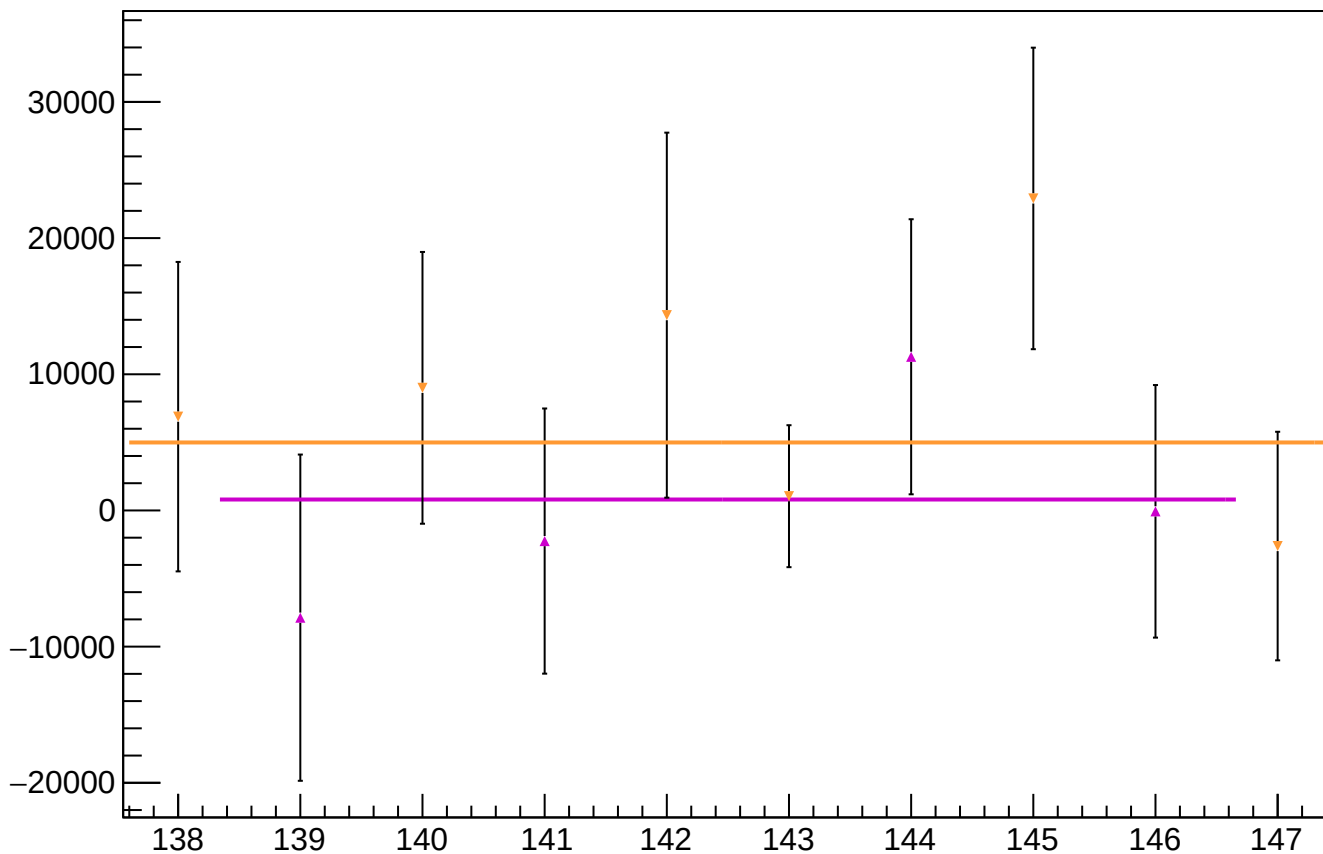
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

In: 2054.813+/-0.471 χ^2/NDF :861334.2/20

Out: 2056.927+/-0.452 χ^2/NDF :1410706.5/24

All: 2055.913+/-0.326 χ^2/NDF : 2272051.2/45

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4992.545+/-3481.225 χ^2/NDF :4.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 803.347+/-5067.031 χ^2/NDF :1.7/3

Left: 3649.238+/-2869.299 χ^2/NDF : 6.9/9

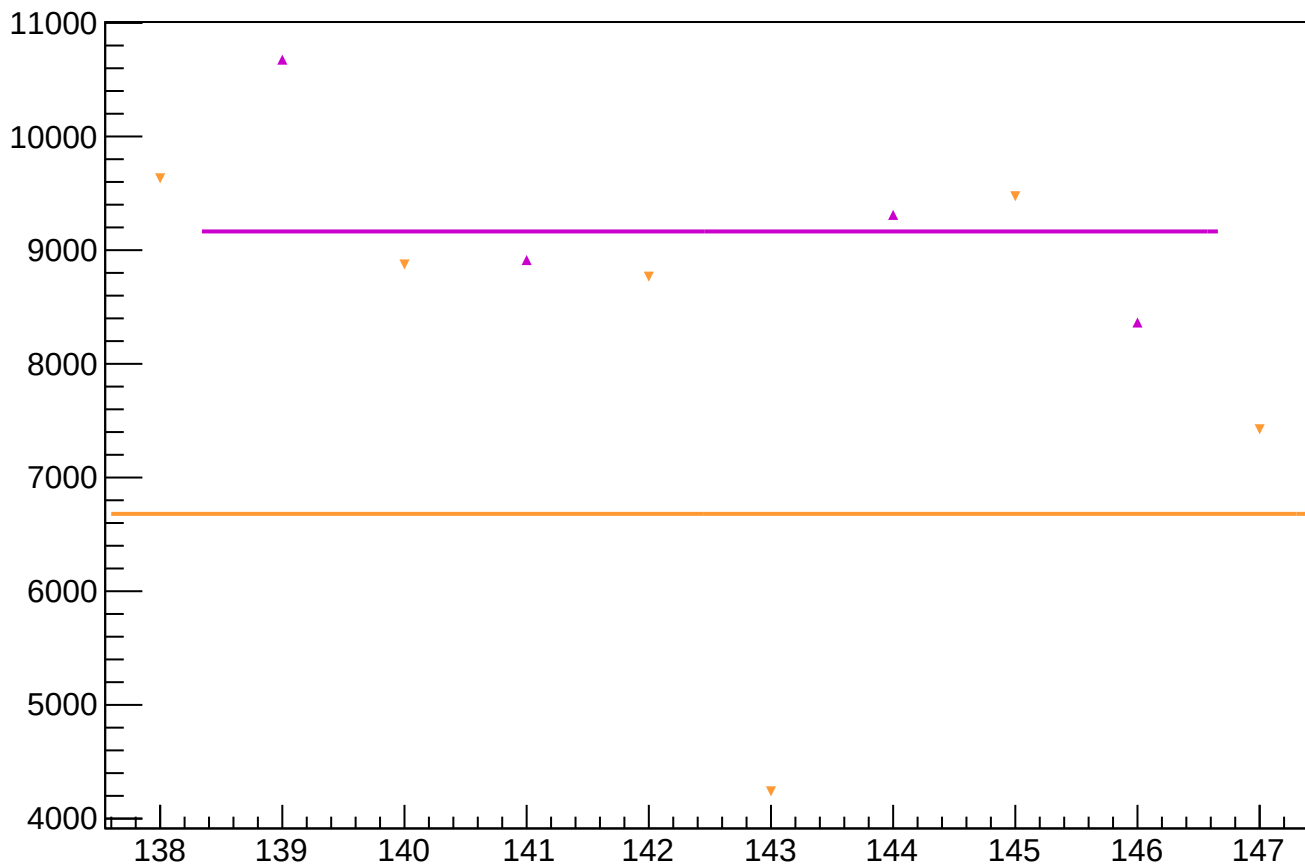
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 803.347+/-5067.031 χ^2/NDF :1.7/3

Out: 4992.545+/-3481.225 χ^2/NDF :4.7/5

All: 3649.238+/-2869.299 χ^2/NDF : 6.9/9

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6680.469+/-2.462 χ^2/NDF :861720.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9164.593+/-3.583 χ^2/NDF :48493.8/3

Left: 7477.028+/-2.029 χ^2/NDF : 1236769.6/9

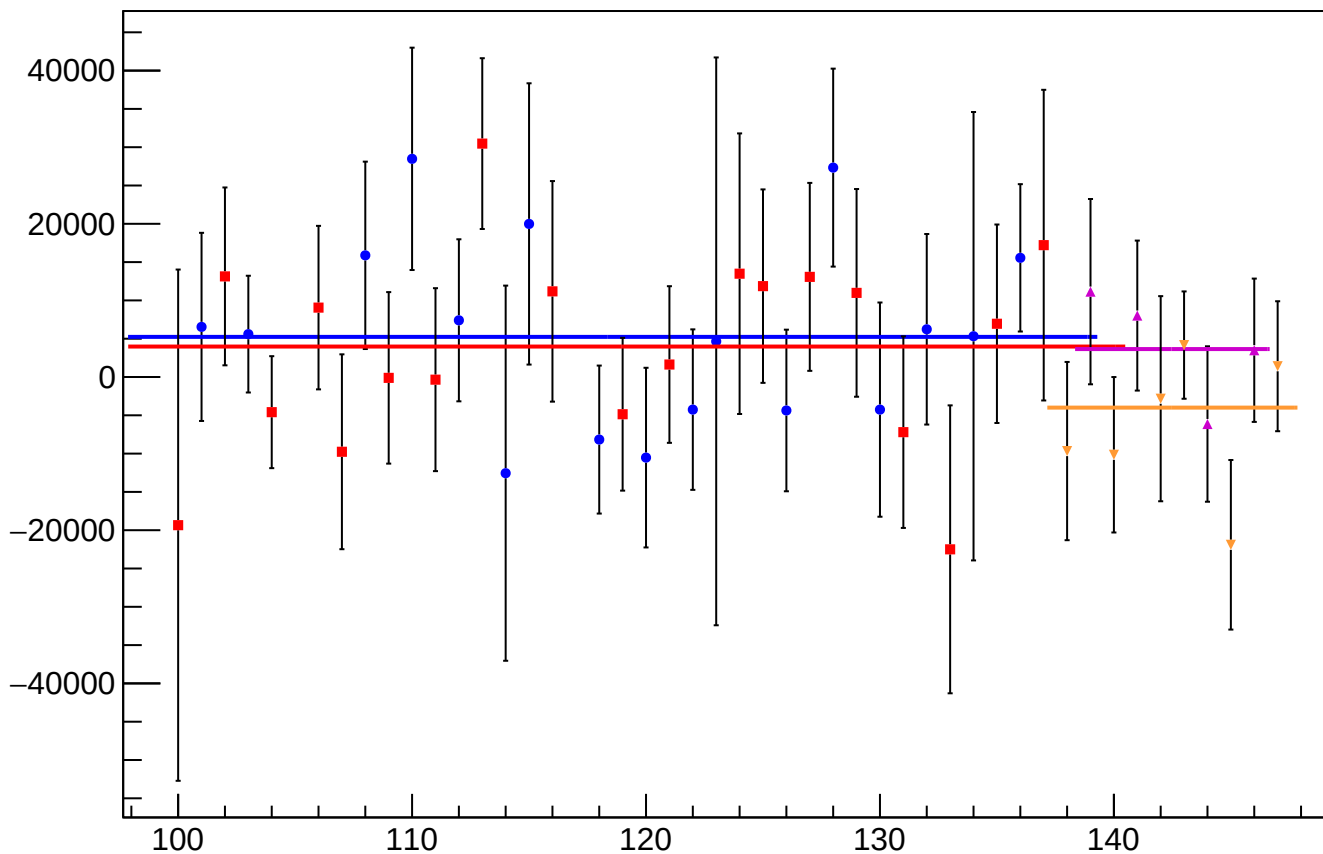
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9164.593+/-3.583 χ^2/NDF :48493.8/3

Out: 6680.469+/-2.462 χ^2/NDF :861720.4/5

All: 7477.028+/-2.029 χ^2/NDF : 1236769.6/9

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554+/-2946.164 χ^2/NDF : 14.5/16

Left Out: -3995.708+/-3919.050 χ^2/NDF : 5.0/5

Right Out: 3976.061+/-2790.421 χ^2/NDF : 15.6/18

Left In: 3647.857+/-5102.399 χ^2/NDF : 1.5/3

Left: -1159.578+/-3108.061 χ^2/NDF : 7.9/9

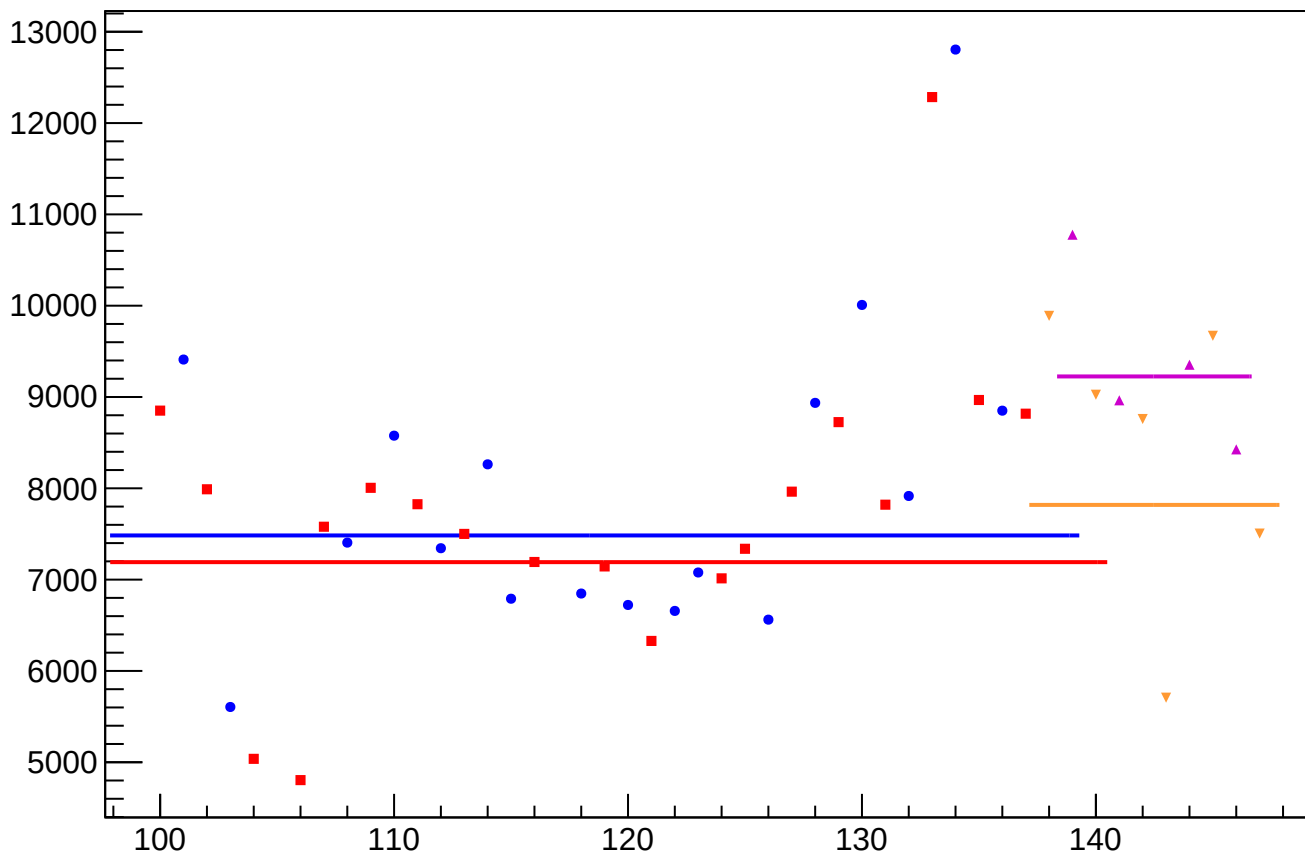
Right: 4573.057+/-2025.948 χ^2/NDF : 30.2/35

In: 4840.820+/-2551.390 χ^2/NDF : 16.1/20

Out: 1294.242+/-2273.098 χ^2/NDF : 23.4/24

All: 2863.632+/-1697.217 χ^2/NDF : 40.5/45

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785 $\pm$ 2.083 χ^2/NDF : 431806.2/16

Left Out: 7818.291 $\pm$ 2.771 χ^2/NDF :341838.6/5

Right Out: 7191.451 $\pm$ 1.973 χ^2/NDF : 558753.1/18

Left In: 9225.201 $\pm$ 3.608 χ^2/NDF :49268.1/3

Left: 8340.322 $\pm$ 2.198 χ^2/NDF : 486744.8/9

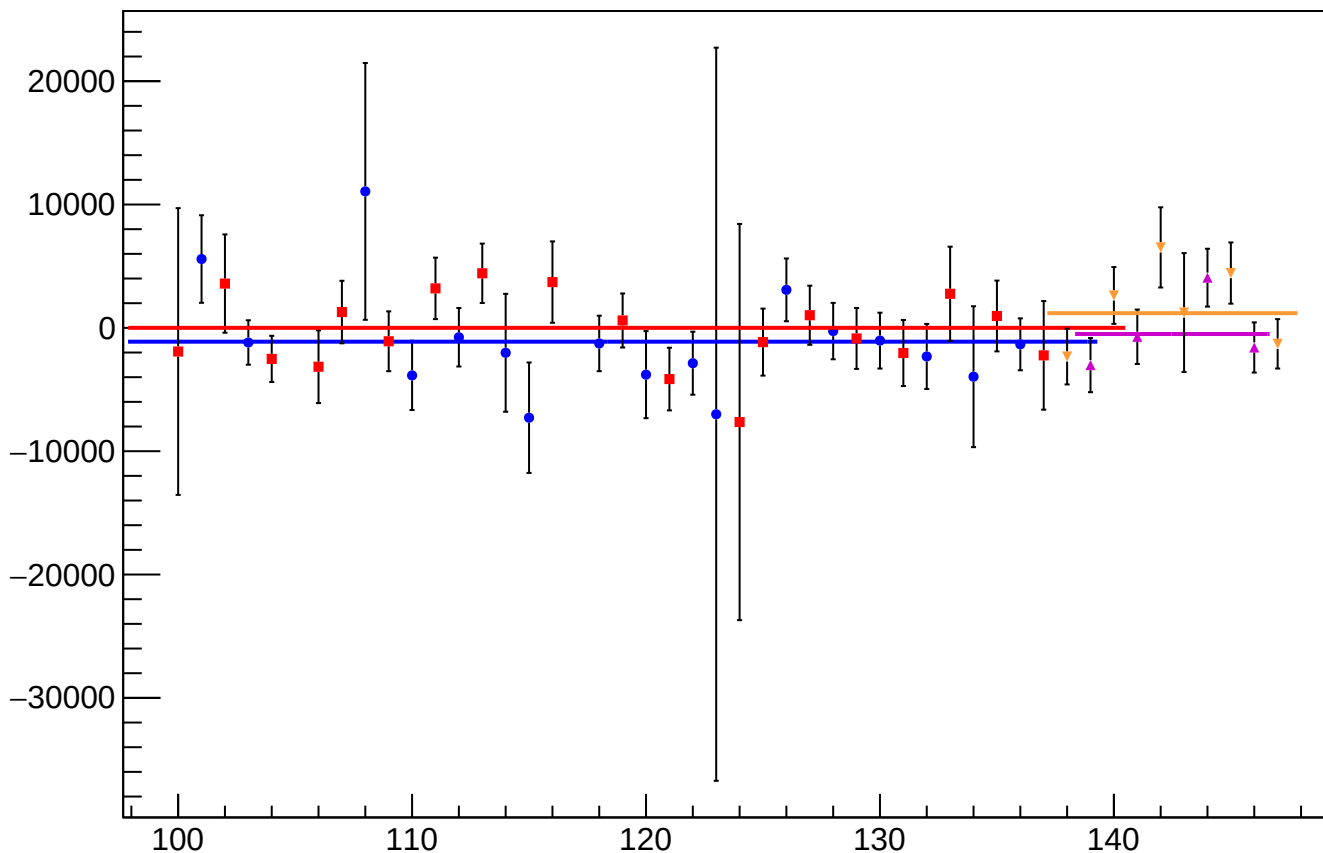
Right: 7329.673 $\pm$ 1.432 χ^2/NDF : 1000940.7/35

In: 7919.187 $\pm$ 1.804 χ^2/NDF :655789.6/20

Out: 7402.294 $\pm$ 1.607 χ^2/NDF :934547.6/24

All: 7631.006 $\pm$ 1.200 χ^2/NDF : 1636105.0/45

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496 ± 679.161 $\chi^2/\text{NDF}: 12.3/16$

Left Out: 1191.363 ± 1034.923 $\chi^2/\text{NDF}: 8.8/5$

Right Out: 2.515 ± 639.678 $\chi^2/\text{NDF}: 15.5/18$

Left In: -499.552 ± 1094.006 $\chi^2/\text{NDF}: 5.4/3$

Left: 392.796 ± 751.821 $\chi^2/\text{NDF}: 15.4/9$

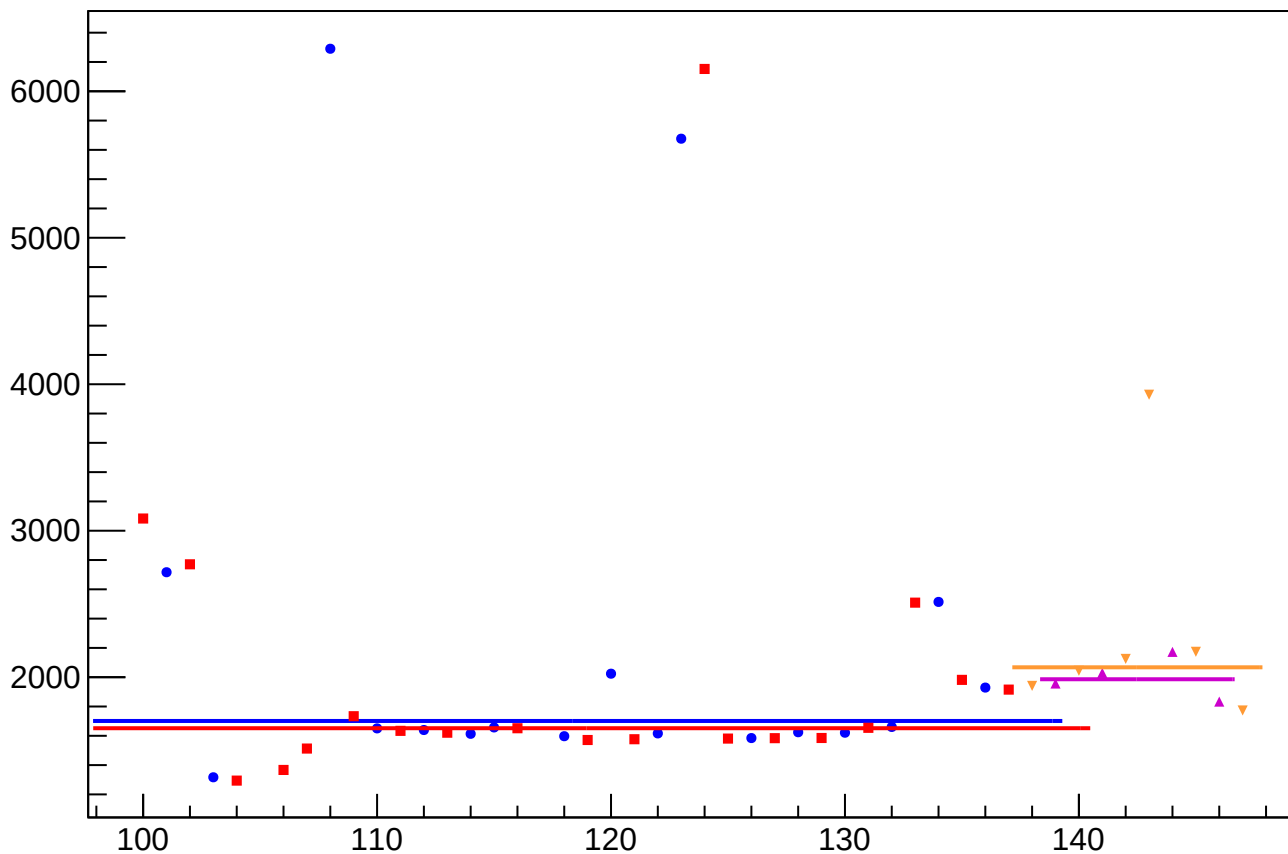
Right: -525.400 ± 465.654 $\chi^2/\text{NDF}: 29.2/35$

In: -947.759 ± 577.014 $\chi^2/\text{NDF}: 17.9/20$

Out: 331.149 ± 544.128 $\chi^2/\text{NDF}: 25.2/24$

All: -270.824 ± 395.872 $\chi^2/\text{NDF}: 45.7/45$

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283 ± 0.480 $\chi^2/\text{NDF}: 778718.7/16$

Left Out: 2067.592 ± 0.732 $\chi^2/\text{NDF}: 352086.0/5$

Right Out: 1651.734 ± 0.452 $\chi^2/\text{NDF}: 588842.2/18$

Left In: 1986.039 ± 0.774 $\chi^2/\text{NDF}: 25087.3/3$

Left: 2029.077 ± 0.532 $\chi^2/\text{NDF}: 383038.5/9$

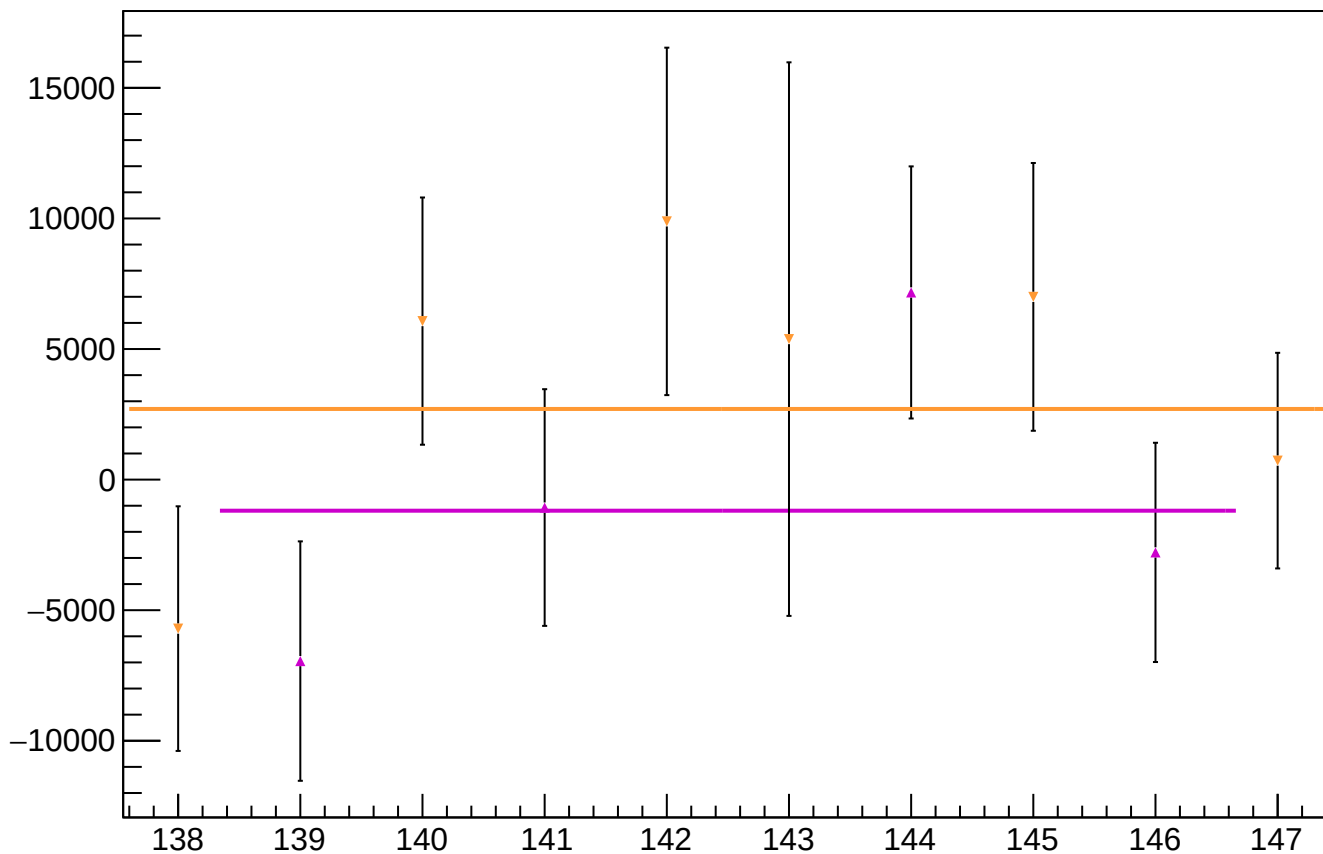
Right: 1675.026 ± 0.329 $\chi^2/\text{NDF}: 1373201.9/35$

In: 1780.497 ± 0.408 $\chi^2/\text{NDF}: 901611.7/20$

Out: 1766.690 ± 0.385 $\chi^2/\text{NDF}: 1174588.3/24$

All: 1773.189 ± 0.280 $\chi^2/\text{NDF}: 2076806.2/45$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2705.217+/-2139.545 χ^2/NDF :5.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1190.436+/-2258.980 χ^2/NDF :4.7/3

Left: 863.093+/-1553.394 χ^2/NDF : 12.2/9

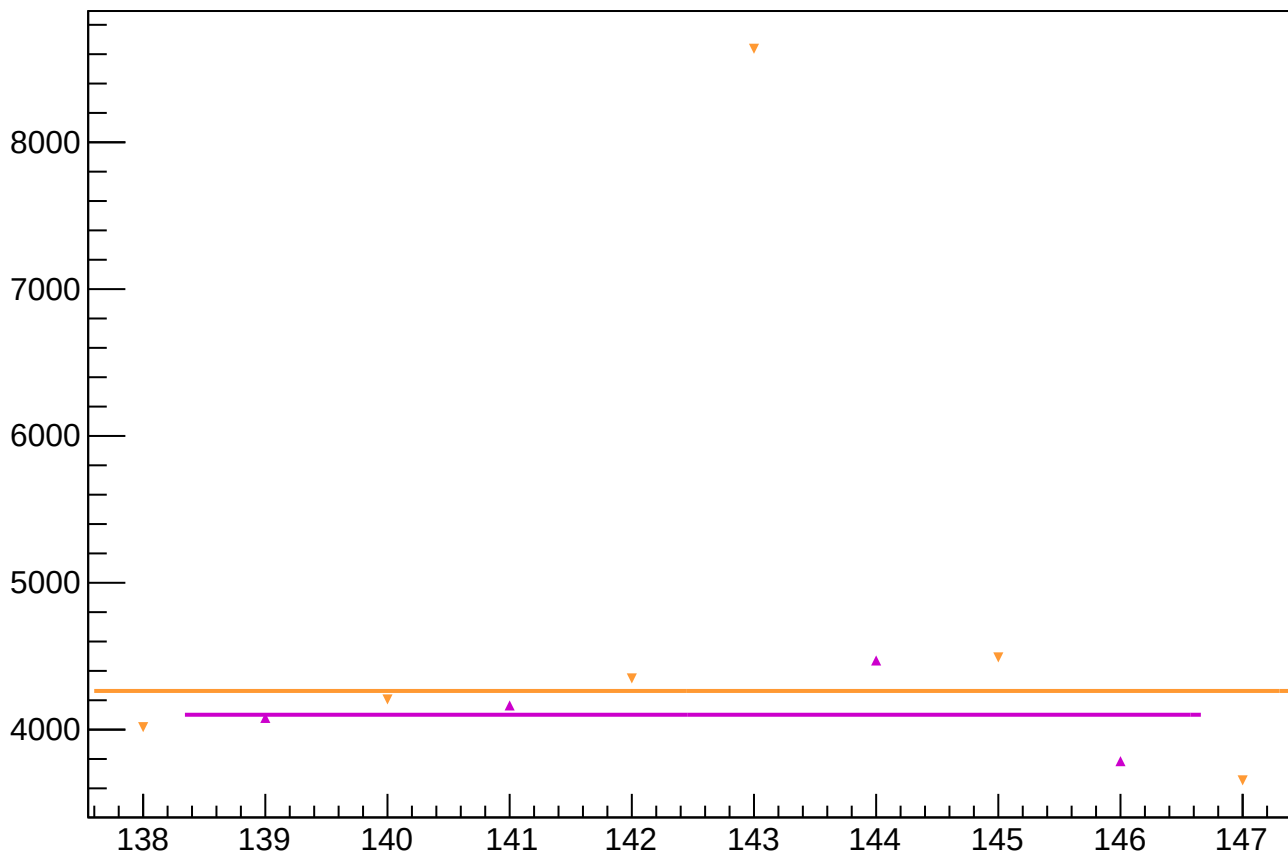
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1190.436+/-2258.980 χ^2/NDF :4.7/3

Out: 2705.217+/-2139.545 χ^2/NDF :5.9/5

All: 863.093+/-1553.394 χ^2/NDF : 12.2/9

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4263.367+/-1.513 χ^2/NDF :394264.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4101.283+/-1.597 χ^2/NDF :23507.4/3

Left: 4186.723+/-1.098 χ^2/NDF : 423200.0/9

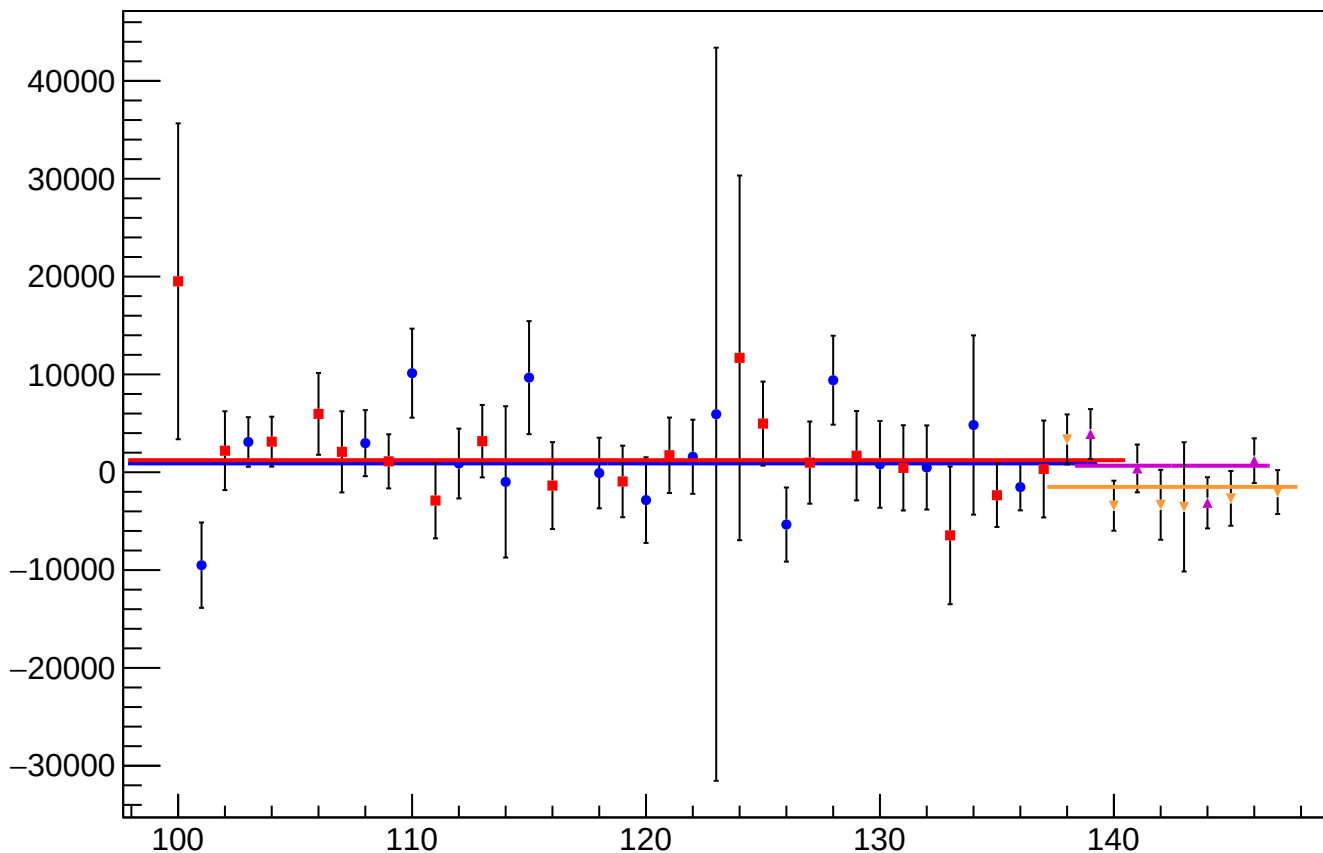
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4101.283+/-1.597 χ^2/NDF :23507.4/3

Out: 4263.367+/-1.513 χ^2/NDF :394264.9/5

All: 4186.723+/-1.098 χ^2/NDF : 423200.0/9

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274 $\pm$ 961.918 χ^2 /NDF: 21.6/16

Left Out: -1496.167 $\pm$ 1168.078 χ^2 /NDF: 4.7/5

Right Out: 1231.015 $\pm$ 925.029 χ^2 /NDF: 8.9/18

Left In: 668.181 $\pm$ 1230.837 χ^2 /NDF: 3.8/3

Left: -470.576 $\pm$ 847.274 χ^2 /NDF: 10.2/9

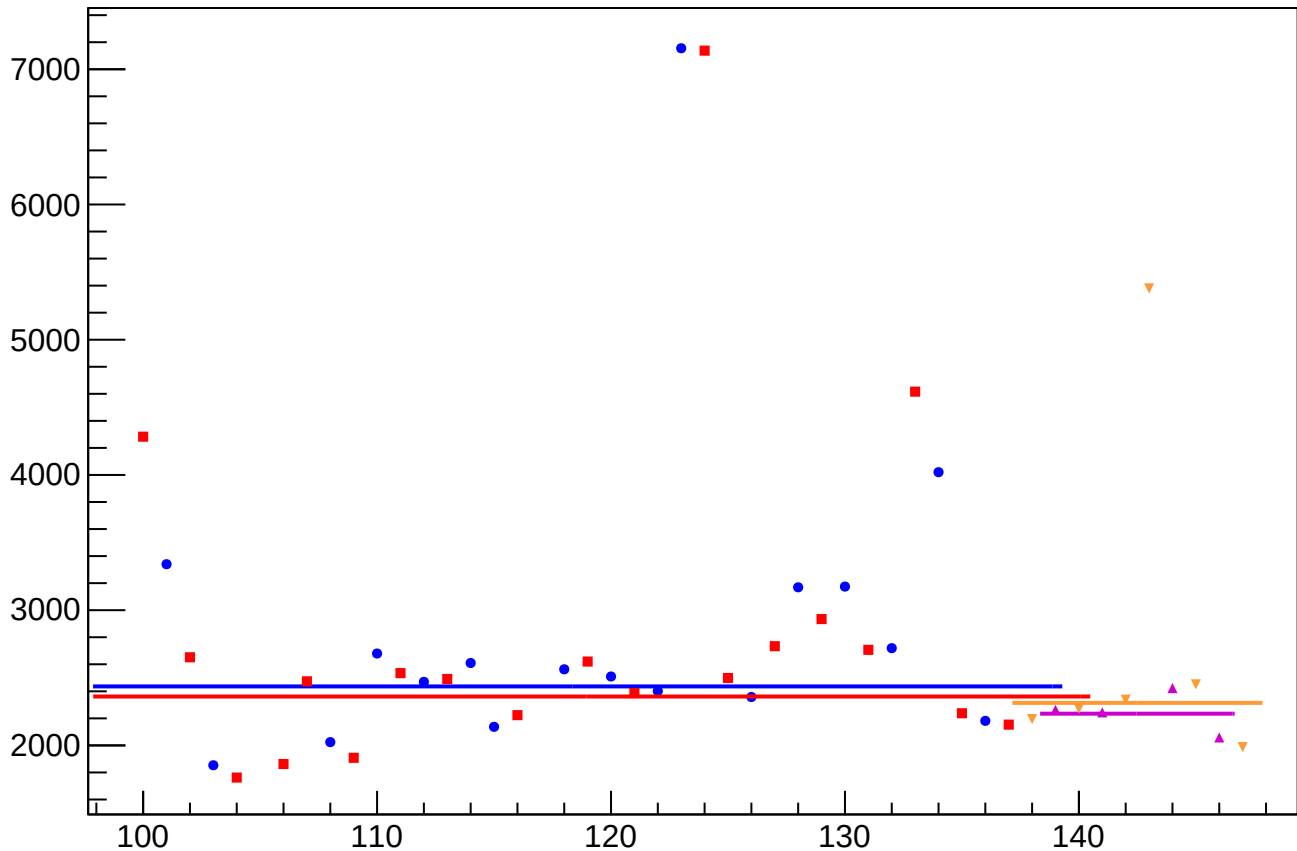
Right: 1073.549 $\pm$ 666.754 χ^2 /NDF: 30.6/35

In: 814.132 $\pm$ 757.917 χ^2 /NDF: 25.4/20

Out: 179.888 $\pm$ 725.175 χ^2 /NDF: 17.0/24

All: 483.014 $\pm$ 523.969 χ^2 /NDF: 42.8/45

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256+/-0.680 χ^2/NDF : 468552.3/16

Left Out: 2314.509+/-0.826 χ^2/NDF : 483158.8/5

Right Out: 2361.558+/-0.654 χ^2/NDF : 655845.9/18

Left In: 2234.695+/-0.870 χ^2/NDF : 22579.8/3

Left: 2276.689+/-0.599 χ^2/NDF : 510163.5/9

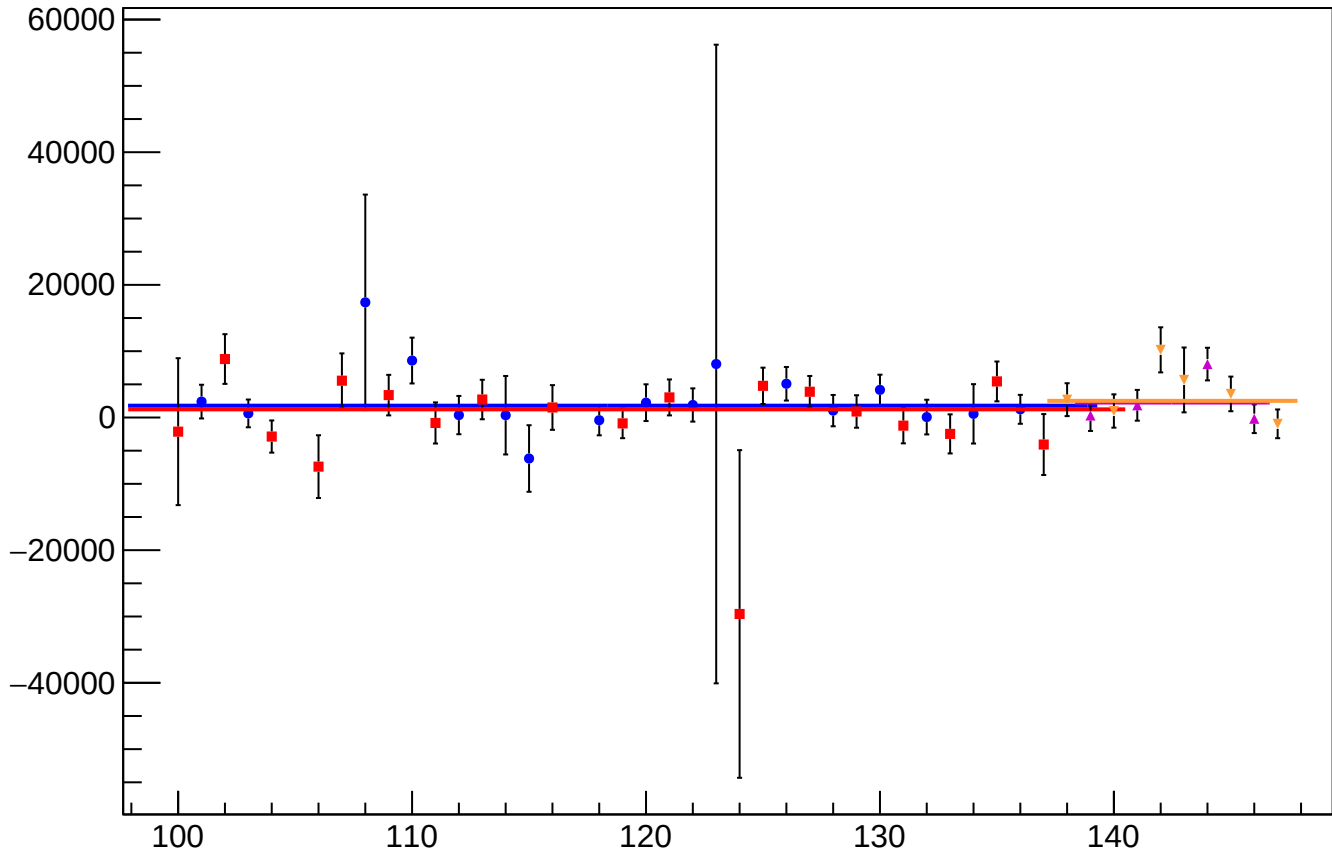
Right: 2397.448+/-0.471 χ^2/NDF : 1130664.2/35

In: 2359.829+/-0.536 χ^2/NDF : 524429.8/20

Out: 2343.425+/-0.513 χ^2/NDF : 1140998.9/24

All: 2351.265+/-0.371 χ^2/NDF : 1665917.8/45

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505+/-694.403 χ^2/NDF : 12.4/16

Left Out: 2512.706+/-1111.590 χ^2/NDF : 8.6/5

Right Out: 1229.293+/-708.144 χ^2/NDF : 24.2/18

Left In: 2256.834+/-1155.232 χ^2/NDF : 7.6/3

Left: 2389.694+/-800.997 χ^2/NDF : 16.2/9

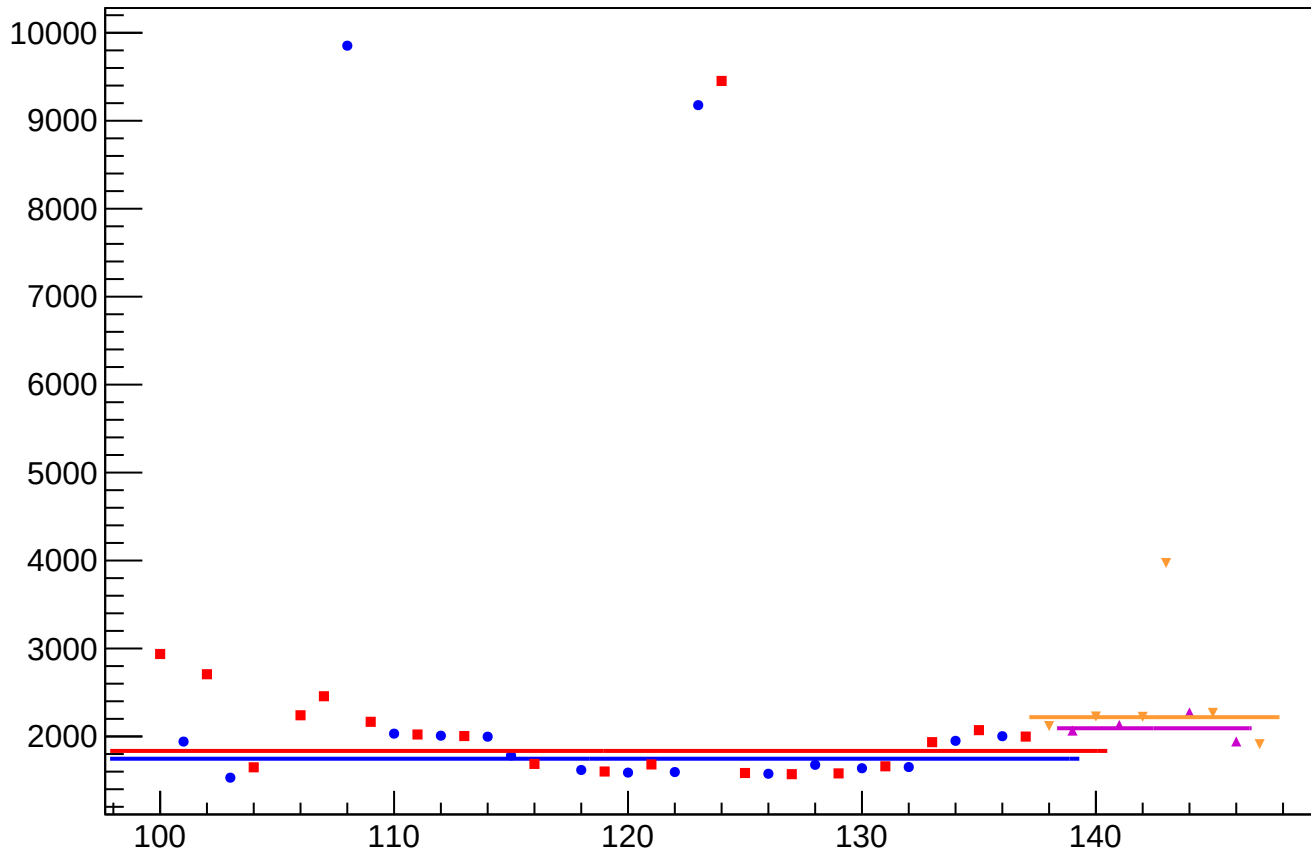
Right: 1511.828+/-495.804 χ^2/NDF : 37.0/35

In: 1909.134+/-595.159 χ^2/NDF : 20.1/20

Out: 1599.790+/-597.247 χ^2/NDF : 33.8/24

All: 1755.004+/-421.577 χ^2/NDF : 54.1/45

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1746.836+/-0.491 χ^2/NDF : 682484.5/16

Left Out: 2219.256+/-0.786 χ^2/NDF : 301227.8/5

Right Out: 1835.413+/-0.500 χ^2/NDF : 550402.9/18

Left In: 2093.242+/-0.817 χ^2/NDF : 21139.2/3

Left: 2158.674+/-0.566 χ^2/NDF : 334723.7/9

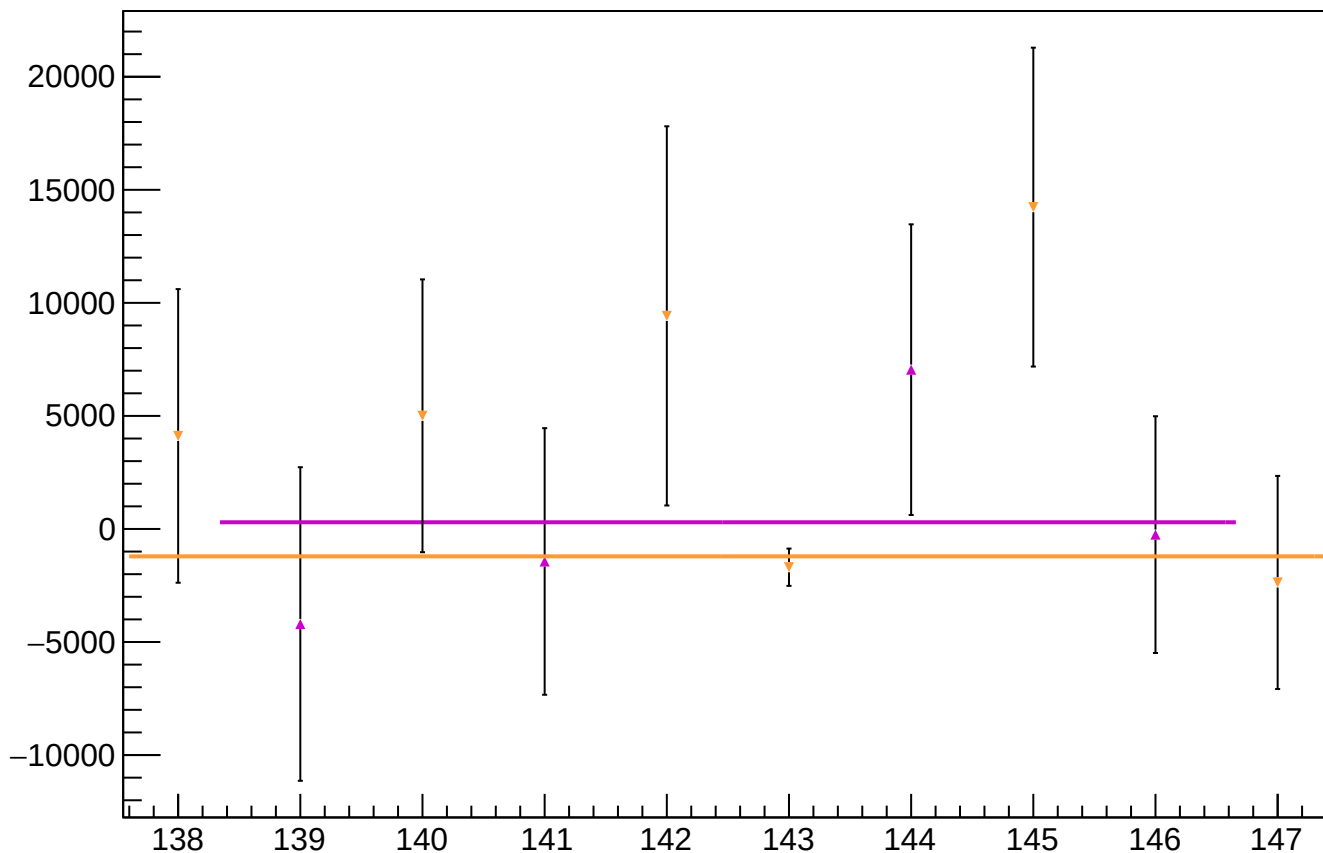
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

In: 1838.778+/-0.421 χ^2/NDF : 835723.6/20

Out: 1946.033+/-0.422 χ^2/NDF : 1021381.4/24

All: 1892.263+/-0.298 χ^2/NDF : 1889495.5/45

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1212.118+/-790.023 χ^2/NDF :8.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 295.854+/-3011.724 χ^2/NDF :1.6/3

Left: -1115.035+/-764.169 χ^2/NDF : 10.4/9

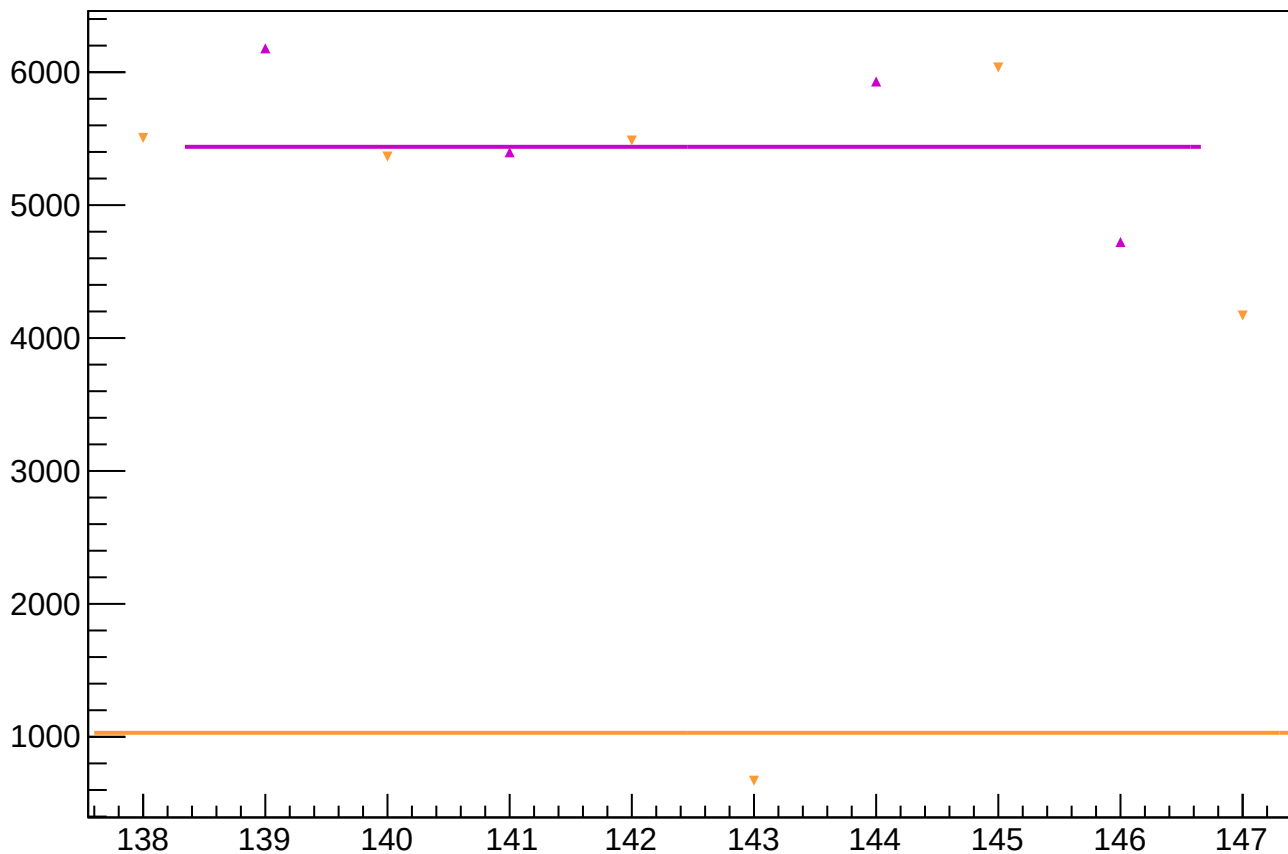
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 295.854+/-3011.724 χ^2/NDF :1.6/3

Out: -1212.118+/-790.023 χ^2/NDF :8.5/5

All: -1115.035+/-764.169 χ^2/NDF : 10.4/9

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1030.198+/-0.559 χ^2/NDF :4823895.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5438.605+/-2.130 χ^2/NDF :72044.6/3

Left: 1314.010+/-0.540 χ^2/NDF : 8905186.0/9

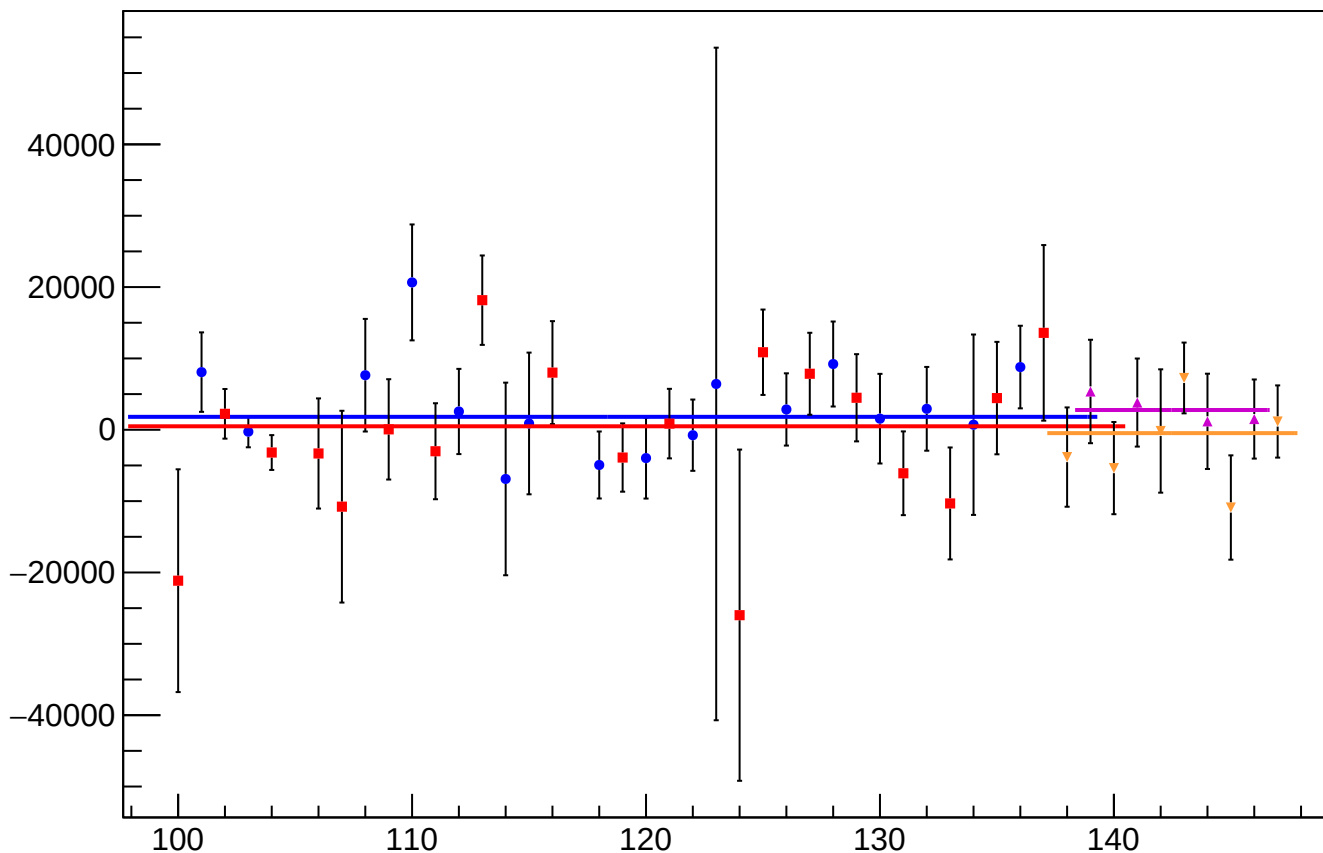
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5438.605+/-2.130 χ^2/NDF :72044.6/3

Out: 1030.198+/-0.559 χ^2/NDF :4823895.6/5

All: 1314.010+/-0.540 χ^2/NDF : 8905186.0/9

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267+/-1301.312 χ^2/NDF : 15.0/16

Left Out: -469.529+/-2528.579 χ^2/NDF : 5.4/5

Right Out: 488.360+/-1286.073 χ^2/NDF : 26.5/18

Left In: 2771.479+/-3158.281 χ^2/NDF : 0.3/3

Left: 796.447+/-1973.892 χ^2/NDF : 6.3/9

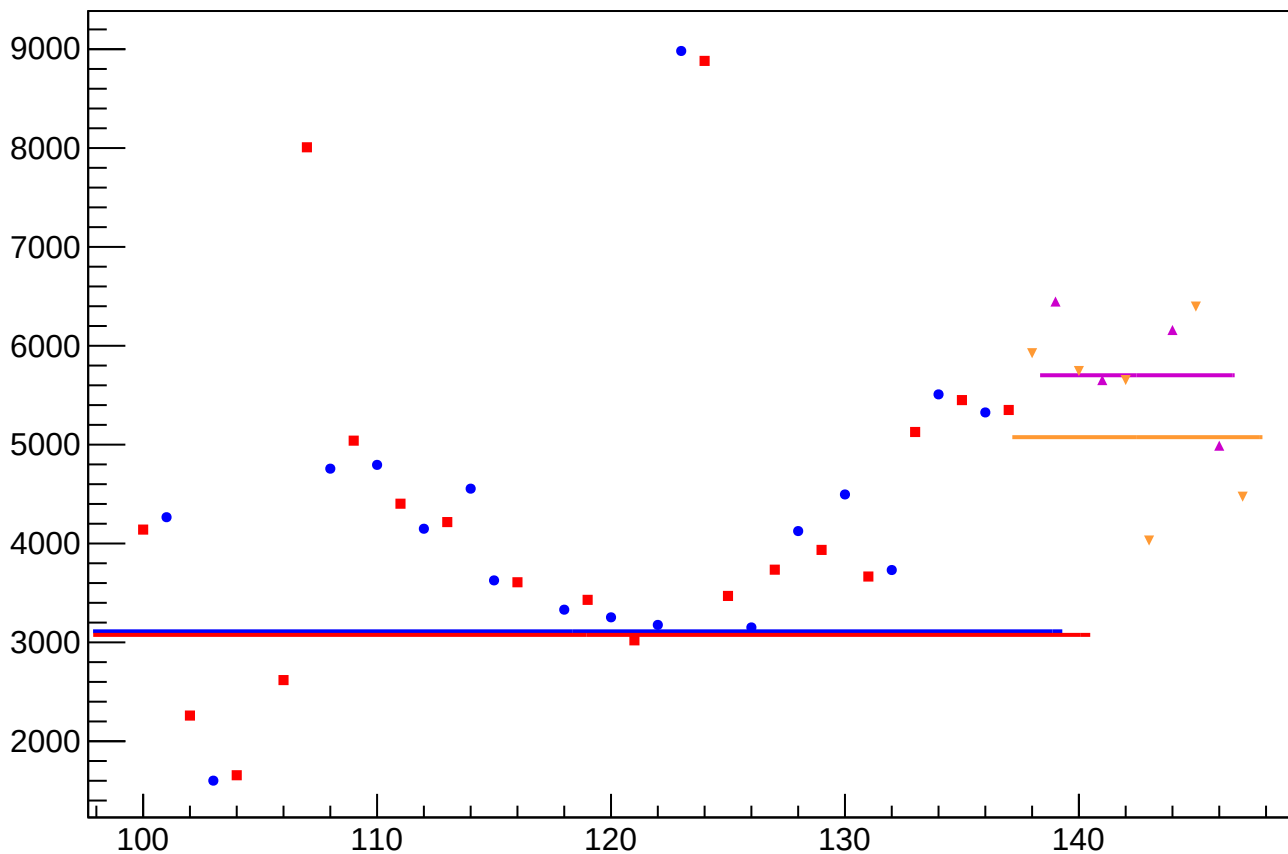
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

In: 1953.189+/-1203.182 χ^2/NDF : 15.3/20

Out: 291.492+/-1146.322 χ^2/NDF : 32.0/24

All: 1082.149+/-829.945 χ^2/NDF : 48.3/45

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560+/-0.920 χ^2/NDF : 1878991.5/16

Left Out: 5075.603+/-1.788 χ^2/NDF : 242607.7/5

Right Out: 3075.800+/-0.896 χ^2/NDF : 2009557.4/18

Left In: 5701.801+/-2.233 χ^2/NDF : 63722.3/3

Left: 5320.203+/-1.396 χ^2/NDF : 354242.1/9

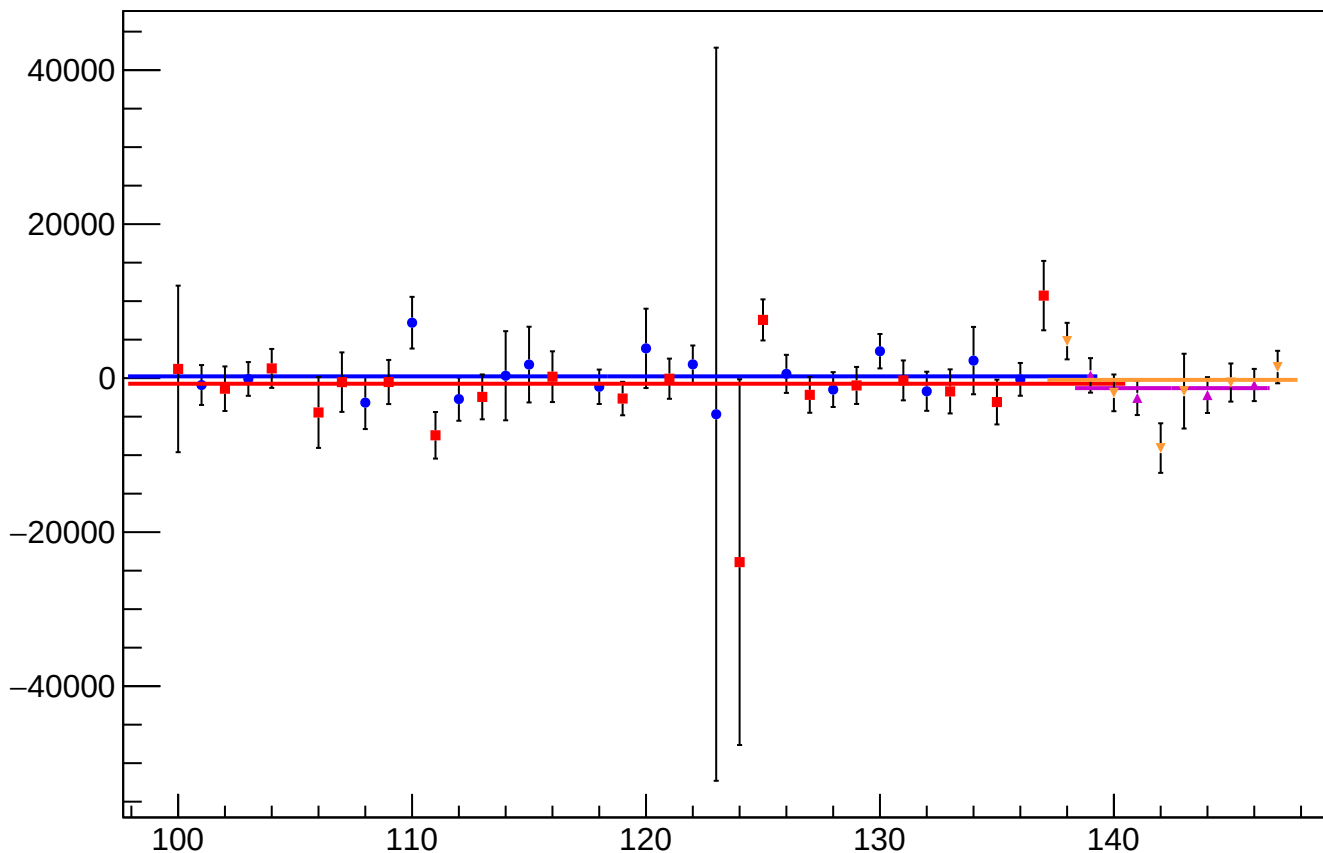
Right: 3093.209+/-0.642 χ^2/NDF : 3889323.9/35

In: 3487.481+/-0.851 χ^2/NDF : 3092743.2/20

Out: 3477.365+/-0.801 χ^2/NDF : 3251947.7/24

All: 3482.120+/-0.583 χ^2/NDF : 6344765.8/45

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323+/-686.786 χ^2/NDF : 11.5/16

Left Out: -224.429+/-1065.615 χ^2/NDF :13.3/5

Right Out: -726.169+/-684.175 χ^2/NDF : 25.8/18

Left In: -1296.512+/-1108.271 χ^2/NDF :1.1/3

Left: -739.442+/-768.141 χ^2/NDF : 14.9/9

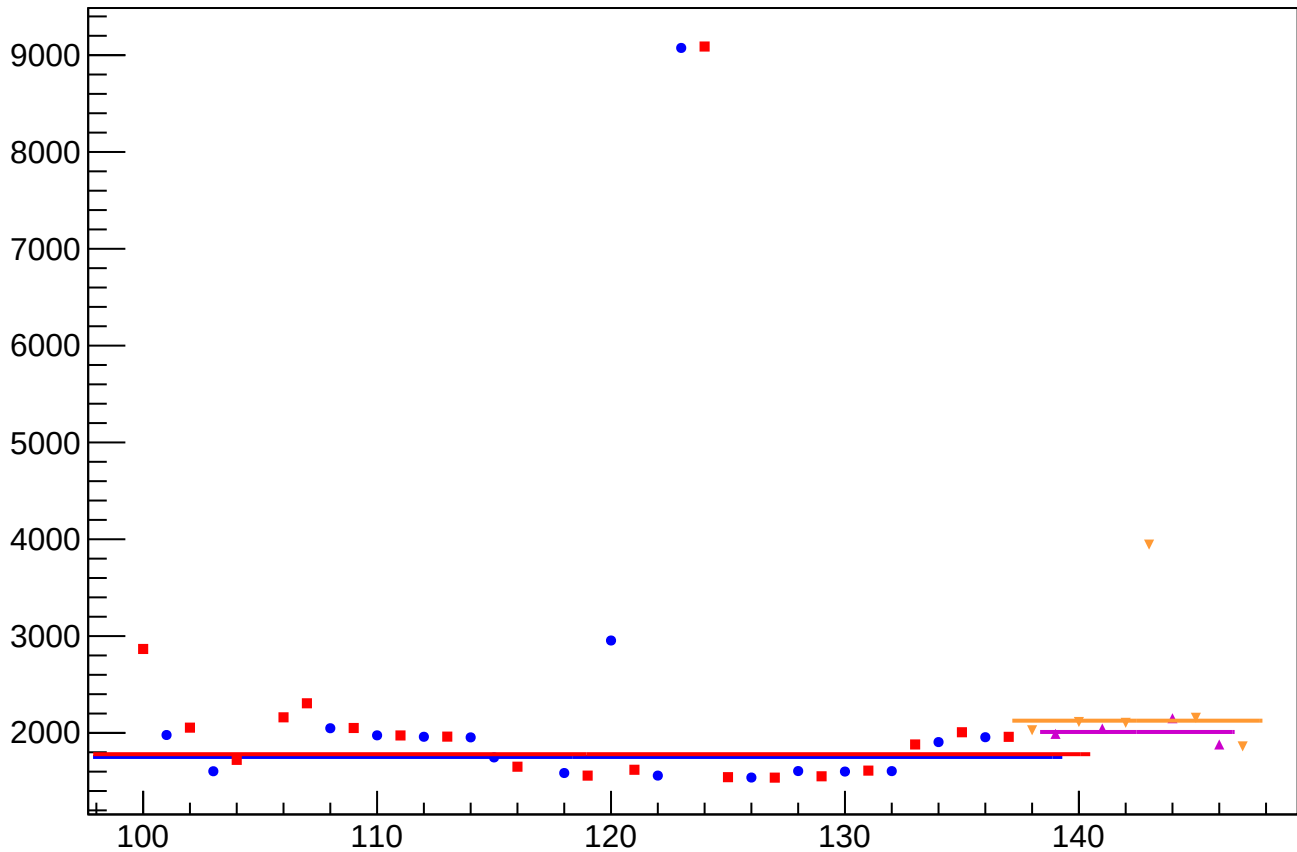
Right: -248.748+/-484.705 χ^2/NDF : 38.3/35

In: -191.876+/-583.782 χ^2/NDF :14.0/20

Out: -579.712+/-575.725 χ^2/NDF :39.3/24

All: -388.489+/-409.918 χ^2/NDF : 53.5/45

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1751.850+/-0.486 χ^2/NDF : 300898.3/16

Left Out: 2126.391+/-0.754 χ^2/NDF : 316094.8/5

Right Out: 1780.209+/-0.483 χ^2/NDF : 428327.5/18

Left In: 2009.678+/-0.784 χ^2/NDF : 15717.5/3

Left: 2070.324+/-0.543 χ^2/NDF : 343337.6/9

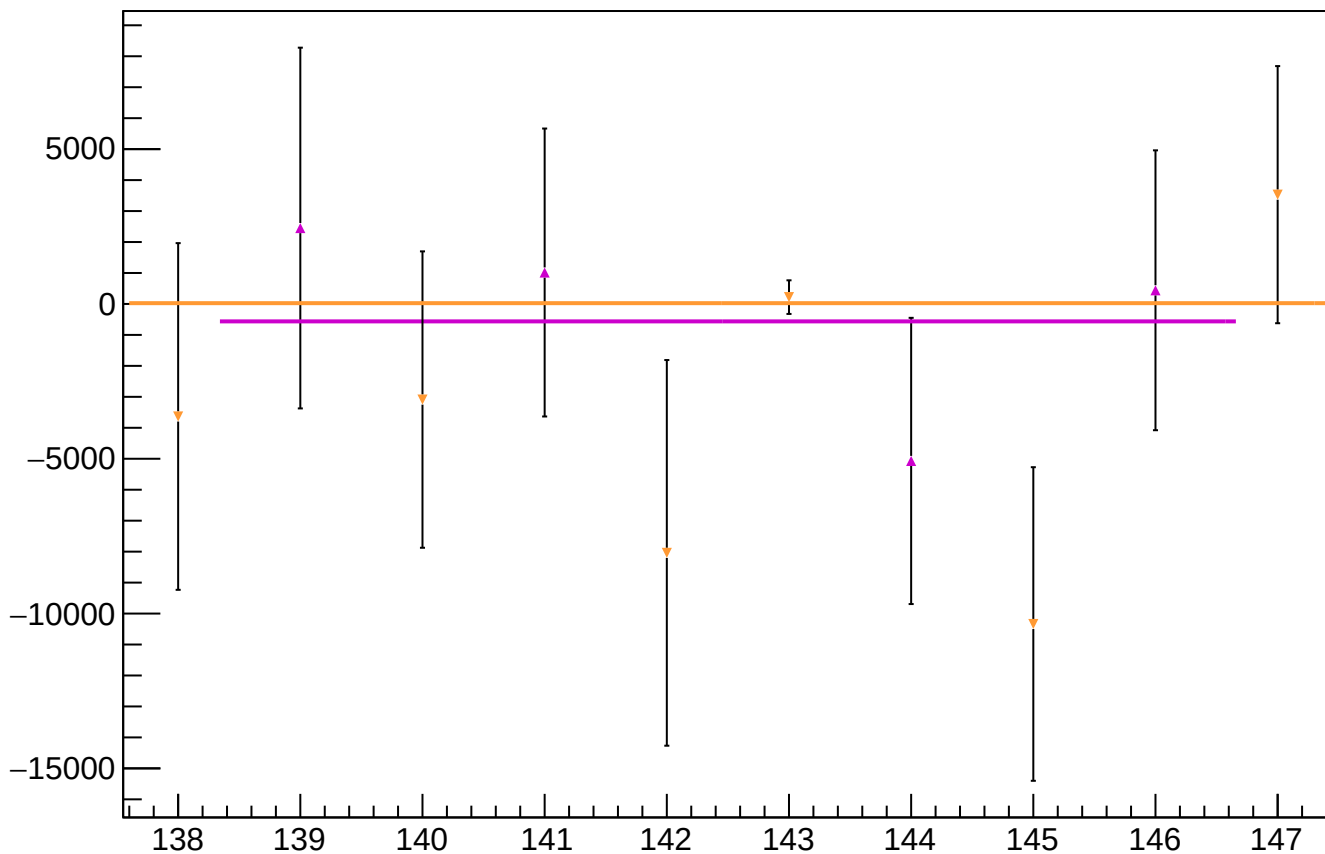
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

In: 1823.389+/-0.413 χ^2/NDF : 394824.8/20

Out: 1881.031+/-0.407 χ^2/NDF : 894023.9/24

All: 1852.643+/-0.290 χ^2/NDF : 1298744.9/45

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.390+/-527.719 χ^2/NDF : 7.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -563.211+/-2414.912 χ^2/NDF : 1.4/3

Left: -1.436+/-515.553 χ^2/NDF : 9.0/9

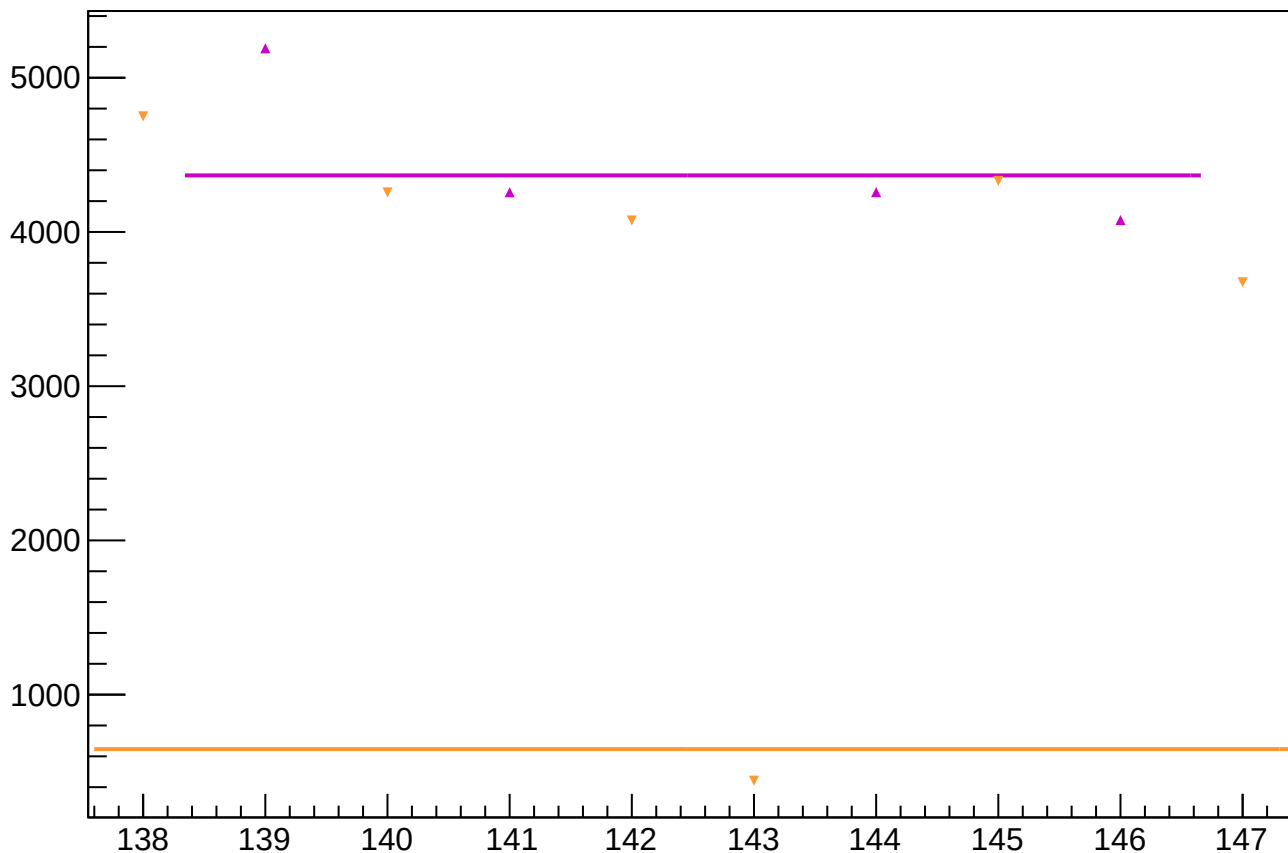
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -563.211+/-2414.912 χ^2/NDF : 1.4/3

Out: 25.390+/-527.719 χ^2/NDF : 7.6/5

All: -1.436+/-515.553 χ^2/NDF : 9.0/9

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 646.855+/-0.373 χ^2/NDF :5223854.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4366.777+/-1.708 χ^2/NDF :50413.2/3

Left: 816.397+/-0.365 χ^2/NDF : 9803620.0/9

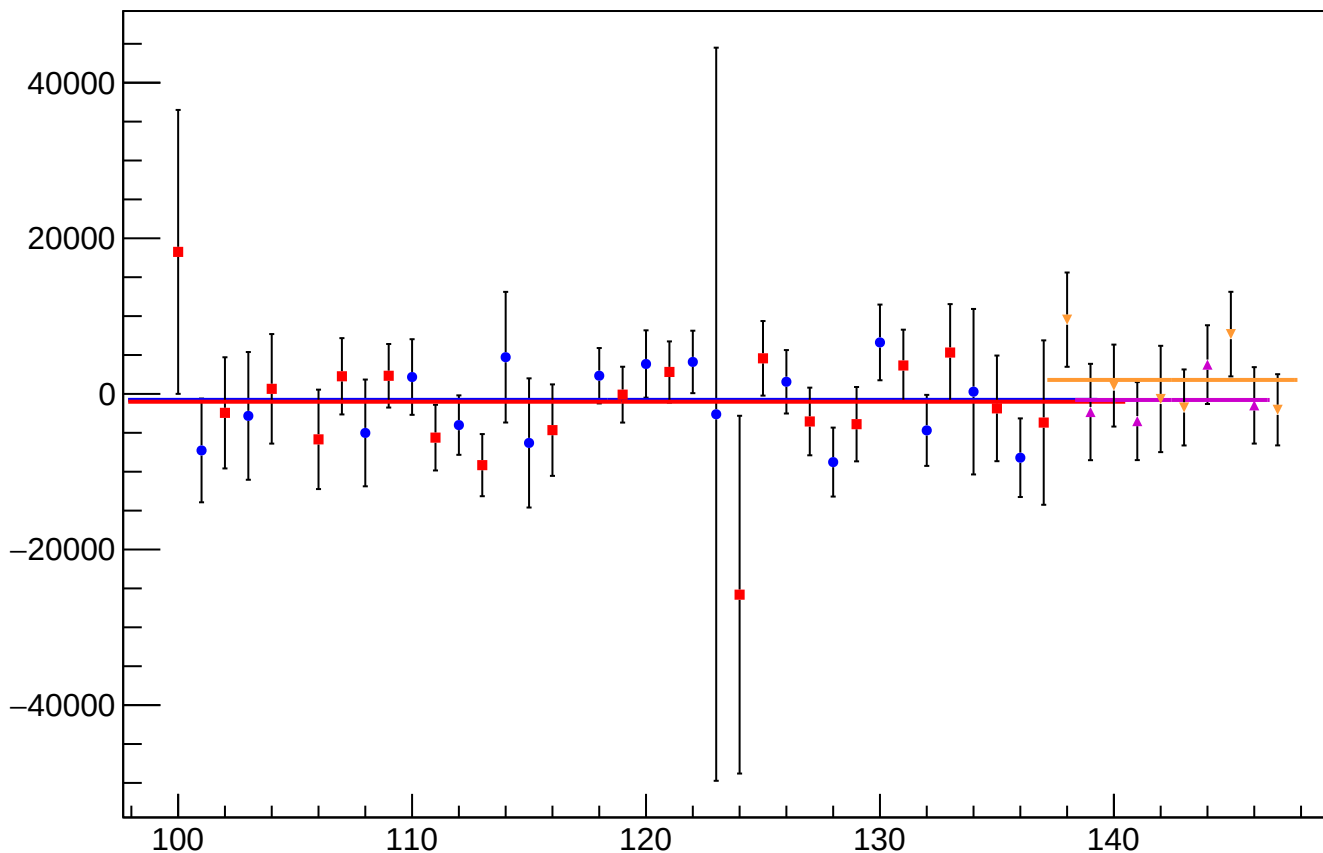
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4366.777+/-1.708 χ^2/NDF :50413.2/3

Out: 646.855+/-0.373 χ^2/NDF :5223854.5/5

All: 816.397+/-0.365 χ^2/NDF : 9803620.0/9

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107+/-1247.704 χ^2/NDF : 15.5/16

Left Out: 1797.429+/-2191.563 χ^2/NDF : 4.2/5

Right Out: -1004.792+/-1191.116 χ^2/NDF : 15.0/18

Left In: -778.054+/-2614.087 χ^2/NDF : 1.2/3

Left: 734.393+/-1679.441 χ^2/NDF : 5.9/9

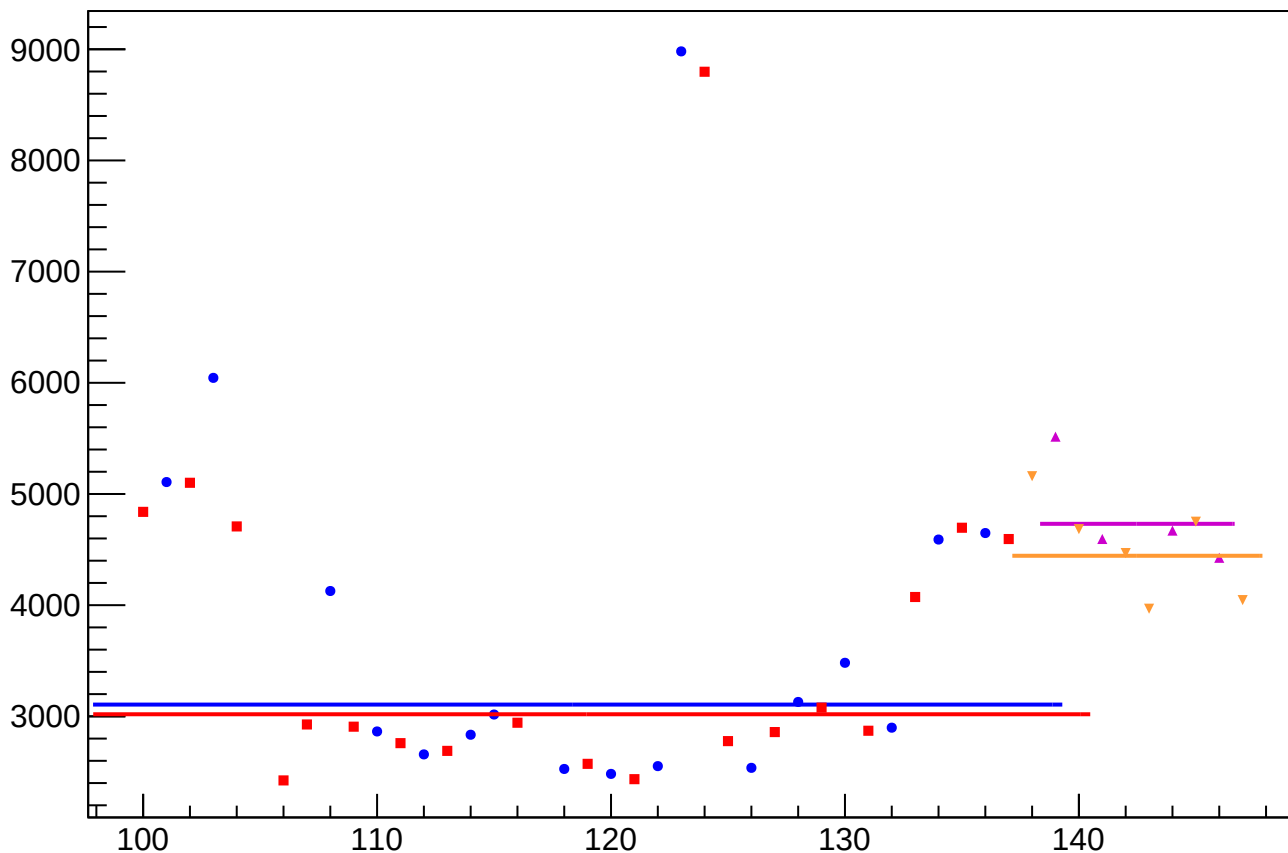
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

In: -767.509+/-1126.017 χ^2/NDF : 16.7/20

Out: -365.791+/-1046.534 χ^2/NDF : 20.5/24

All: -551.973+/-766.572 χ^2/NDF : 37.2/45

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849+/-0.882 χ^2/NDF : 959826.4/16

Left Out: 4444.324+/-1.550 χ^2/NDF : 72593.8/5

Right Out: 3018.781+/-0.832 χ^2/NDF : 794275.0/18

Left In: 4731.637+/-1.848 χ^2/NDF : 41567.3/3

Left: 4562.913+/-1.188 χ^2/NDF : 128349.1/9

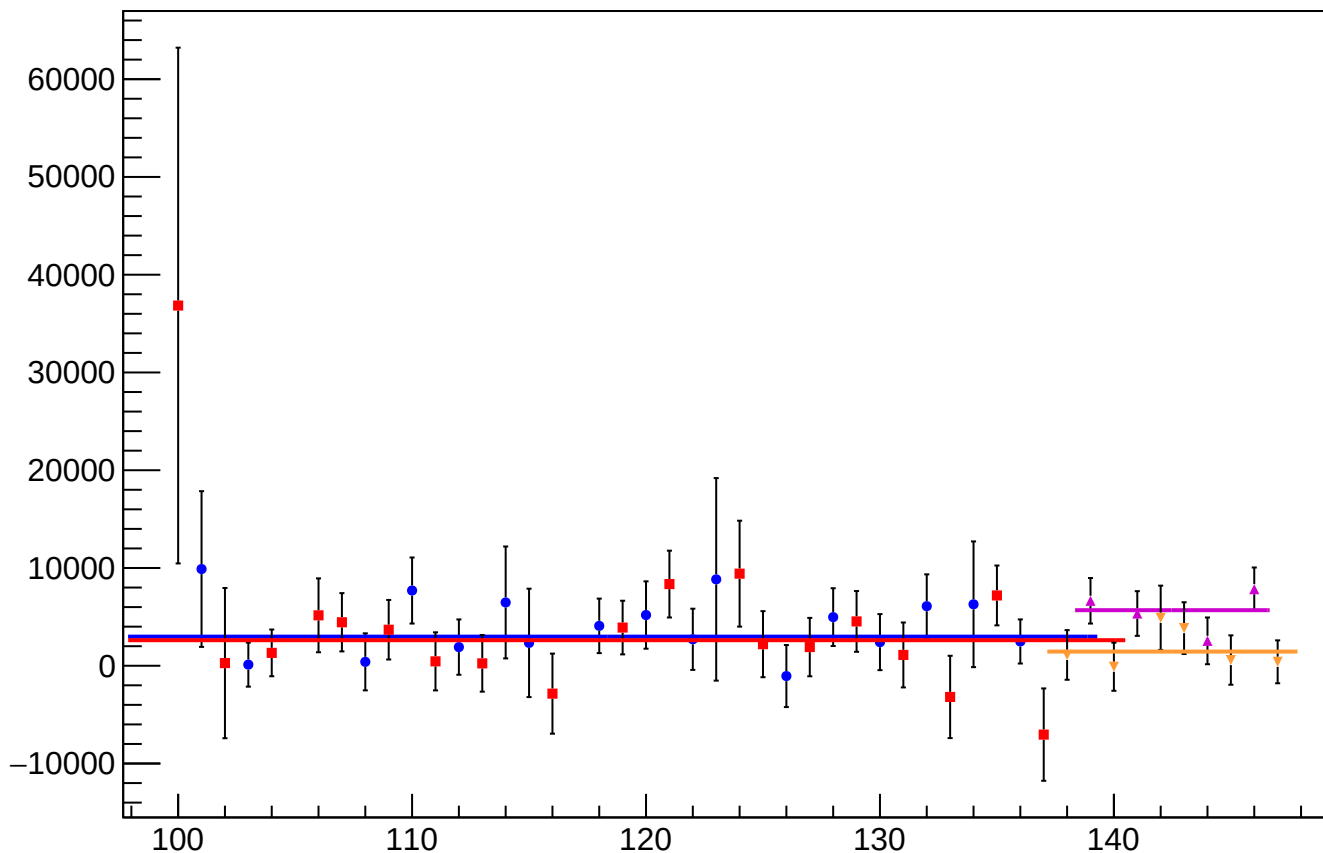
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

In: 3407.504+/-0.796 χ^2/NDF : 1631458.6/20

Out: 3337.606+/-0.733 χ^2/NDF : 1523829.4/24

All: 3369.664+/-0.539 χ^2/NDF : 3159460.2/45

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 1449.809 $\pm$ 1042.662 χ^2 /NDF:2.7/5

Right Out: 2613.881 $\pm$ 783.228 χ^2 /NDF: 19.6/18

Left In: 5683.219 $\pm$ 1151.556 χ^2 /NDF:2.9/3

Left: 3356.935 $\pm$ 772.911 χ^2 /NDF: 13.0/9

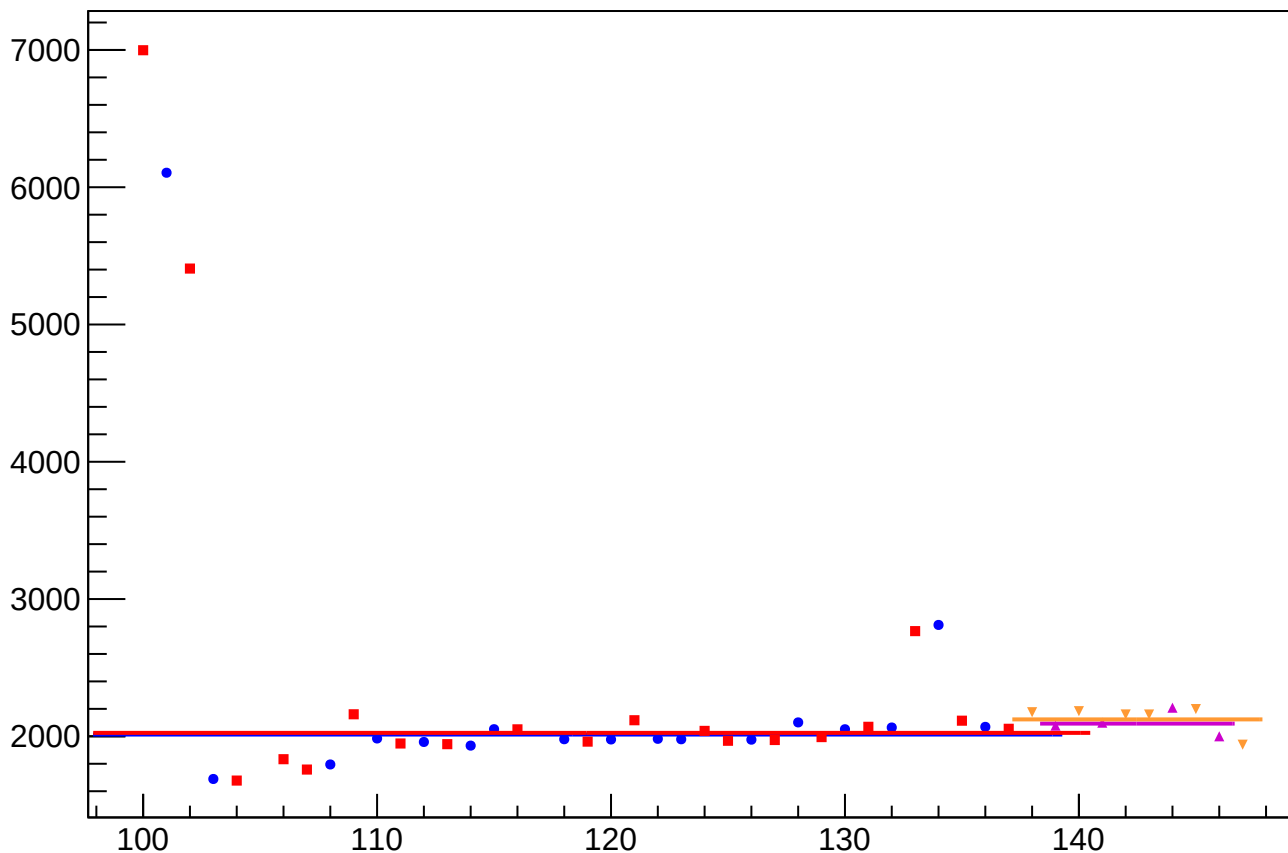
Right: 2793.353 $\pm$ 558.079 χ^2 /NDF: 29.6/35

In: 3852.066 $\pm$ 654.457 χ^2 /NDF:16.5/20

Out: 2193.971 $\pm$ 626.227 χ^2 /NDF:23.1/24

All: 2986.487 $\pm$ 452.460 χ^2 /NDF: 42.9/45

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945 $\pm$ 0.562 χ^2 /NDF: 617707.4/16

Left Out: 2123.246 $\pm$ 0.737 χ^2 /NDF:18485.8/5

Right Out: 2025.070 $\pm$ 0.554 χ^2 /NDF: 597422.5/18

Left In: 2092.705 $\pm$ 0.814 χ^2 /NDF:8276.7/3

Left: 2109.487 $\pm$ 0.547 χ^2 /NDF: 27535.5/9

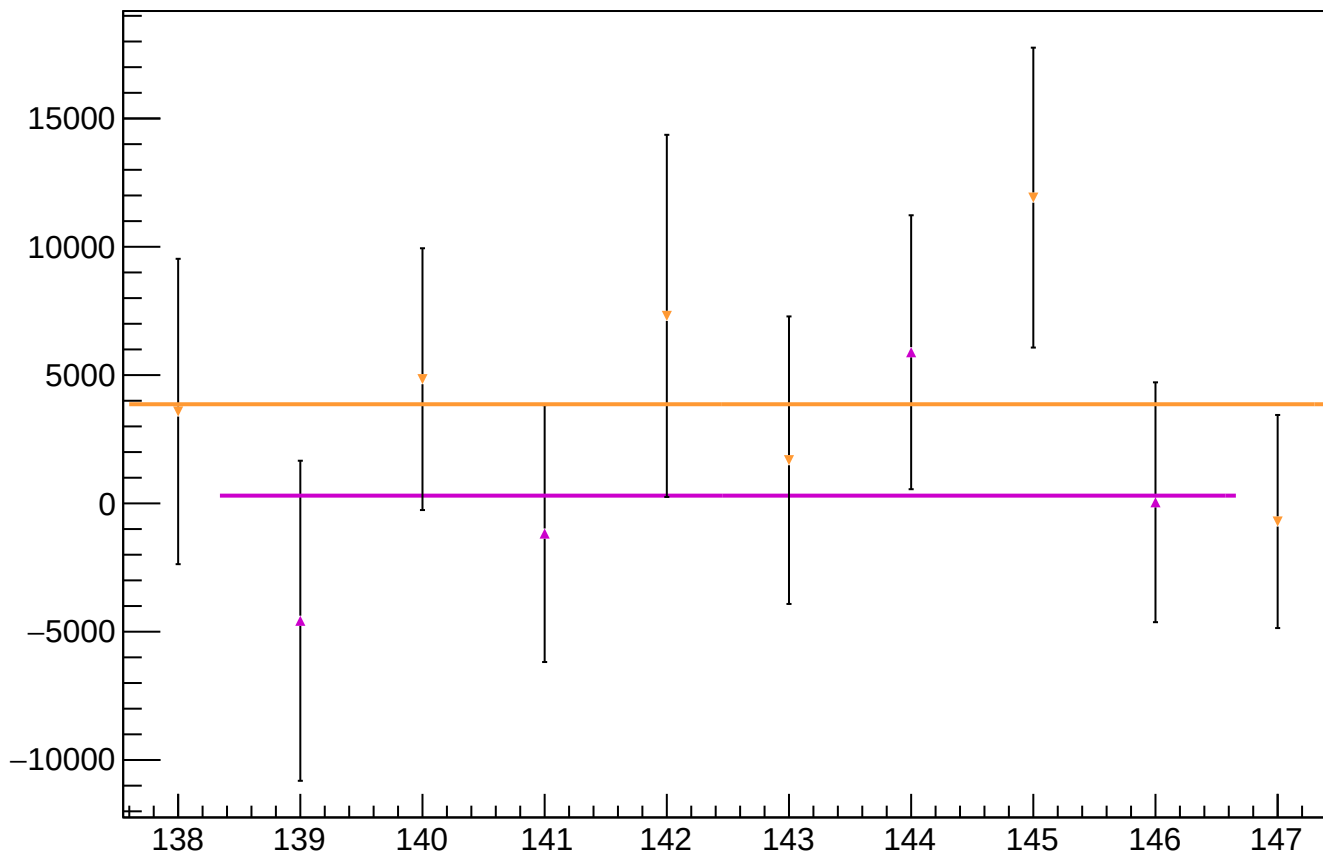
Right: 2019.103 $\pm$ 0.395 χ^2 /NDF: 1215366.0/35

In: 2038.707 $\pm$ 0.463 χ^2 /NDF:632479.7/20

Out: 2060.469 $\pm$ 0.443 χ^2 /NDF:627246.5/24

All: 2050.070 $\pm$ 0.320 χ^2 /NDF: 1260880.9/45

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3864.151+/-2203.805 χ^2/NDF :3.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 302.272+/-2612.737 χ^2/NDF :1.8/3

Left: 2383.457+/-1684.569 χ^2/NDF : 6.4/9

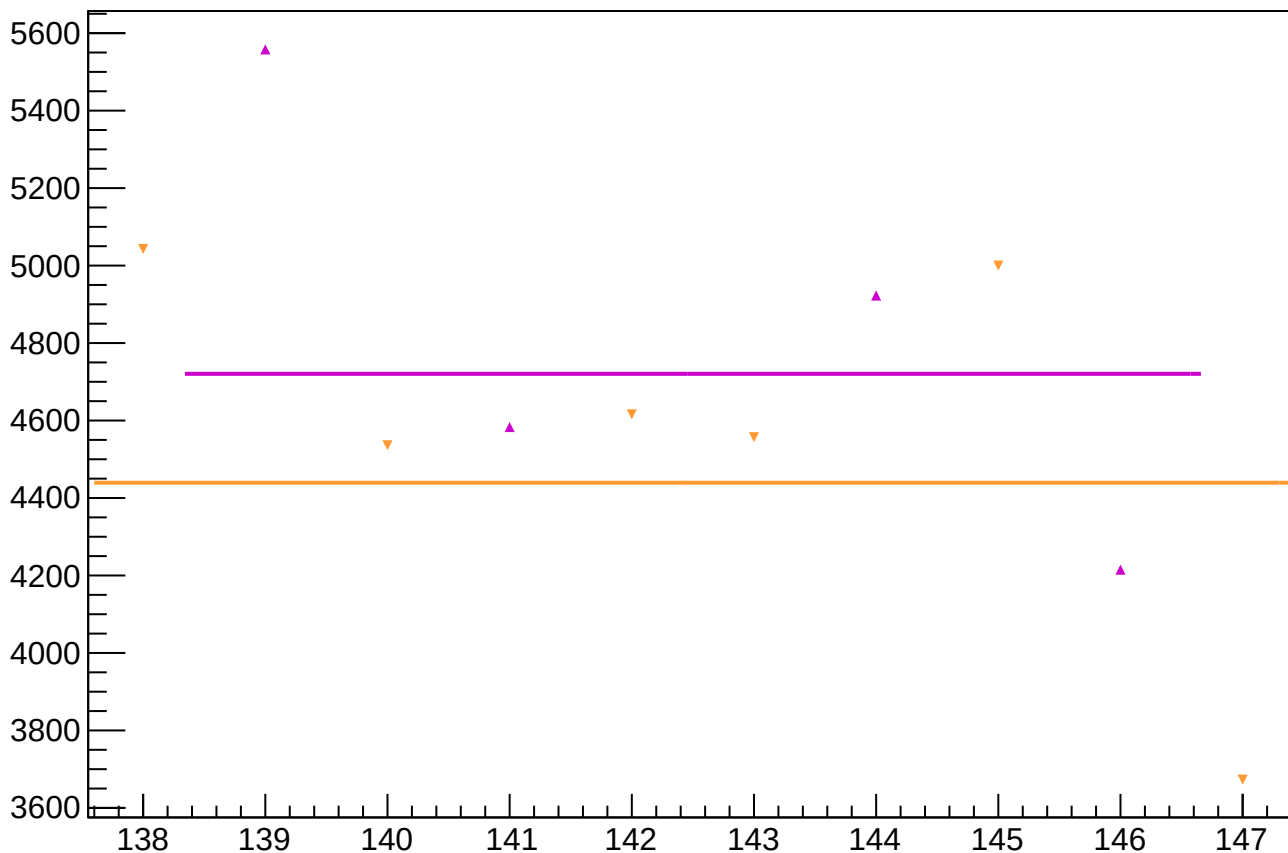
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 302.272+/-2612.737 χ^2/NDF :1.8/3

Out: 3864.151+/-2203.805 χ^2/NDF :3.5/5

All: 2383.457+/-1684.569 χ^2/NDF : 6.4/9

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4439.444+/-1.558 χ^2/NDF :109976.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4720.579+/-1.847 χ^2/NDF :63844.5/3

Left: 4556.314+/-1.191 χ^2/NDF : 187350.9/9

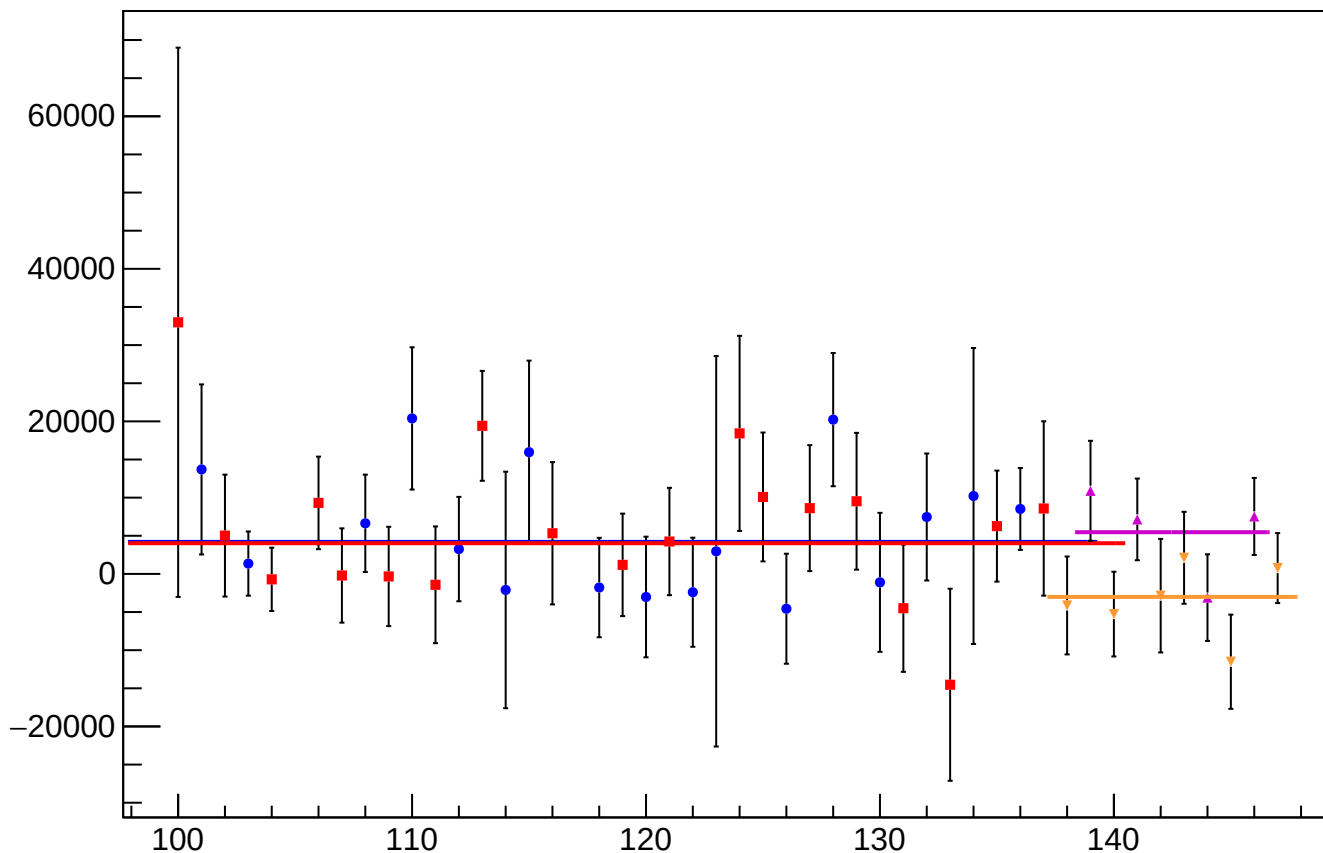
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4720.579+/-1.847 χ^2/NDF :63844.5/3

Out: 4439.444+/-1.558 χ^2/NDF :109976.4/5

All: 4556.314+/-1.191 χ^2/NDF : 187350.9/9

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4198.770+/-1857.803 χ^2/NDF : 14.1/16

Left Out: -3013.669+/-2384.147 χ^2/NDF : 3.5/5

Right Out: 4023.682+/-1725.187 χ^2/NDF : 14.8/18

Left In: 5469.066+/-2791.218 χ^2/NDF : 3.2/3

Left: 564.587+/-1812.848 χ^2/NDF : 12.1/9

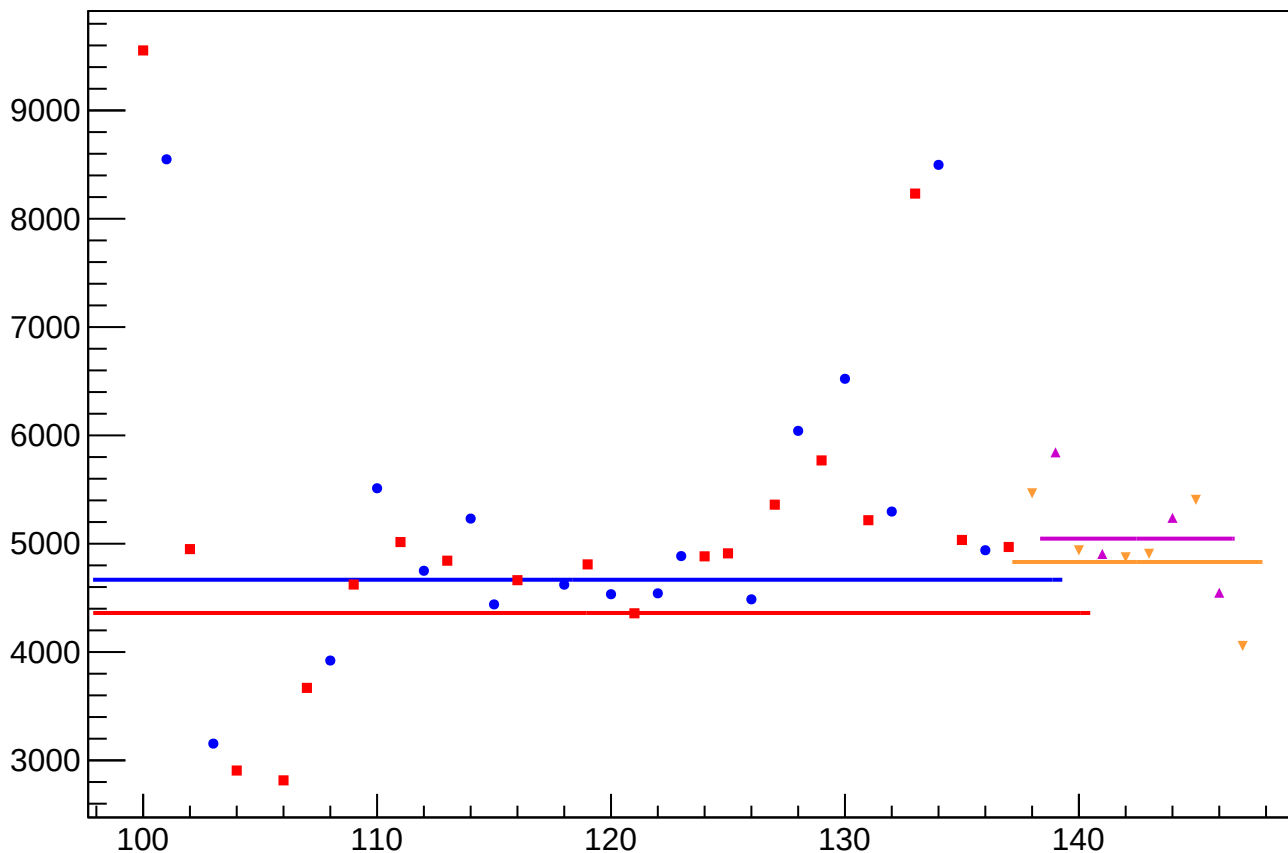
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

In: 4588.755+/-1546.554 χ^2/NDF : 17.5/20

Out: 1605.202+/-1397.654 χ^2/NDF : 24.1/24

All: 2946.473+/-1036.947 χ^2/NDF : 43.6/45

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470 ± 1.314 $\chi^2/\text{NDF}: 777857.9/16$

Left Out: 4831.113 ± 1.686 $\chi^2/\text{NDF}: 94972.3/5$

Right Out: 4360.582 ± 1.213 $\chi^2/\text{NDF}: 832745.2/18$

Left In: 5046.922 ± 1.974 $\chi^2/\text{NDF}: 52750.8/3$

Left: 4922.147 ± 1.282 $\chi^2/\text{NDF}: 154635.6/9$

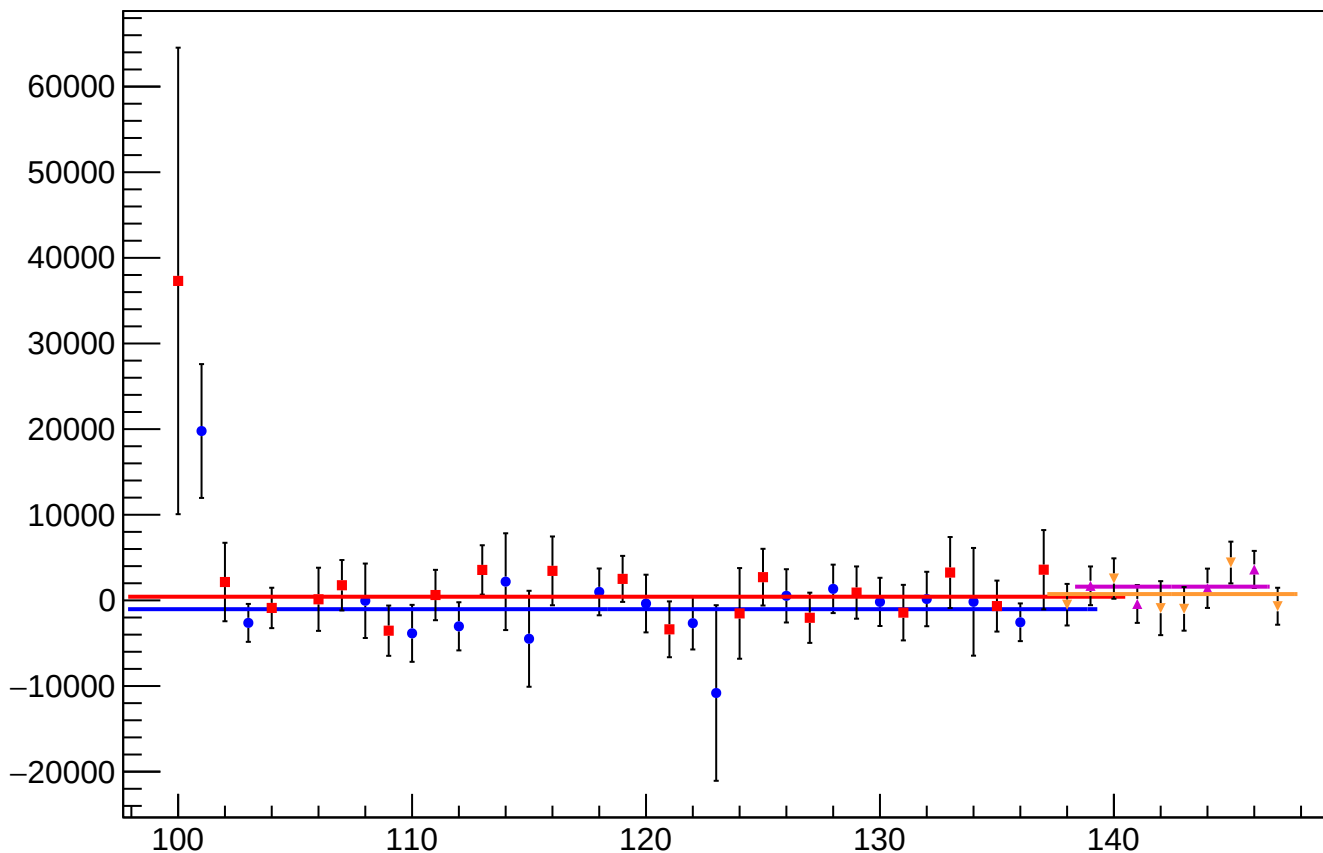
Right: 4501.800 ± 0.891 $\chi^2/\text{NDF}: 1640064.7/35$

In: 4783.963 ± 1.094 $\chi^2/\text{NDF}: 856223.2/20$

Out: 4521.059 ± 0.985 $\chi^2/\text{NDF}: 979049.6/24$

All: 4638.754 ± 0.732 $\chi^2/\text{NDF}: 1867194.8/45$

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051 ± 796.597 $\chi^2/\text{NDF}: 13.1/16$

Left Out: 737.174 ± 1006.458 $\chi^2/\text{NDF}: 4.3/5$

Right Out: 428.488 ± 760.817 $\chi^2/\text{NDF}: 10.8/18$

Left In: 1602.758 ± 1116.189 $\chi^2/\text{NDF}: 1.7/3$

Left: 1125.338 ± 747.465 $\chi^2/\text{NDF}: 6.3/9$

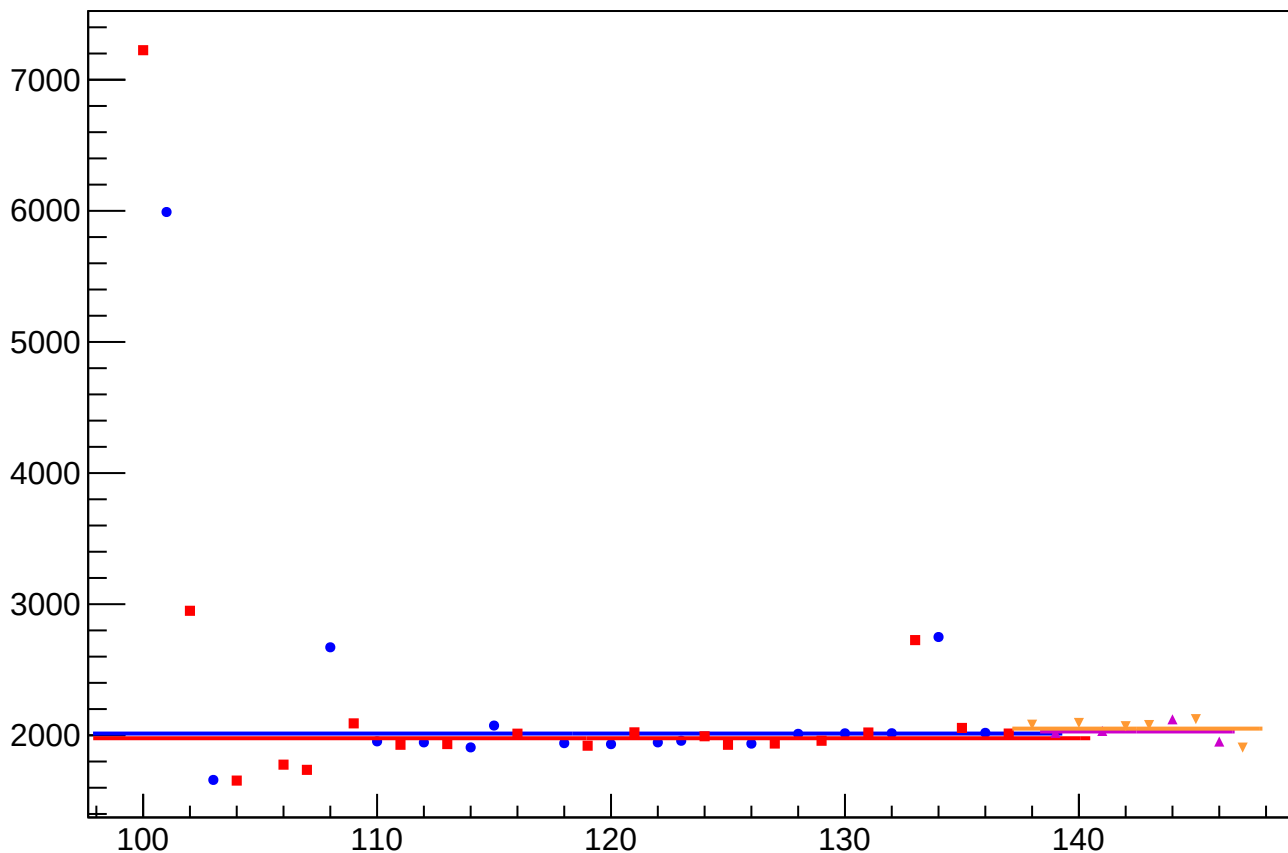
Right: -265.860 ± 550.193 $\chi^2/\text{NDF}: 25.6/35$

In: -139.608 ± 648.404 $\chi^2/\text{NDF}: 18.4/20$

Out: 540.739 ± 606.920 $\chi^2/\text{NDF}: 15.1/24$

All: 223.024 ± 443.098 $\chi^2/\text{NDF}: 34.2/45$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2013.270+/-0.563 χ^2/NDF : 650048.6/16

Left Out: 2050.939+/-0.712 χ^2/NDF :12033.5/5

Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

Left In: 2029.101+/-0.789 χ^2/NDF :5834.7/3

Left: 2041.146+/-0.529 χ^2/NDF : 18290.4/9

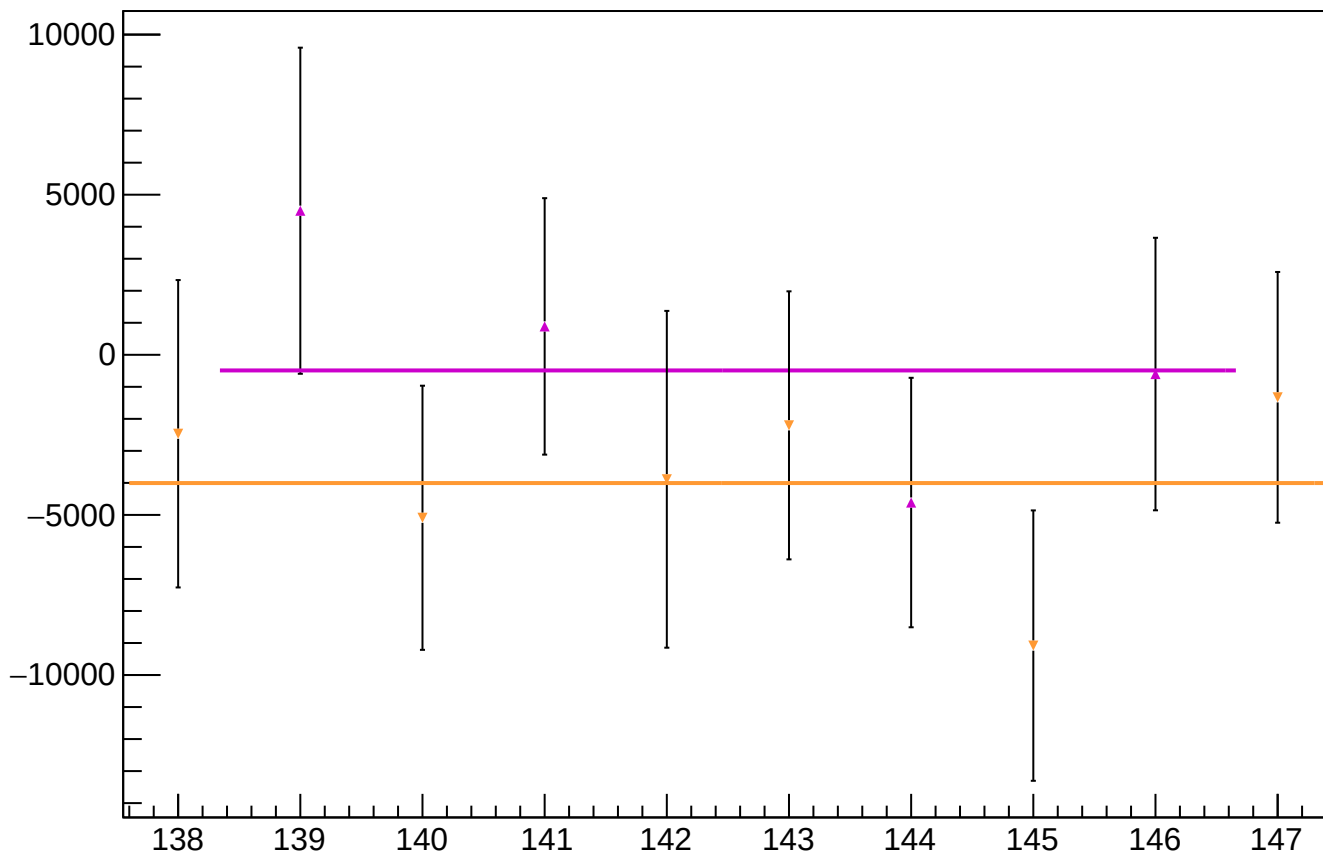
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

In: 2018.612+/-0.458 χ^2/NDF :656149.8/20

Out: 2004.198+/-0.429 χ^2/NDF :313706.0/24

All: 2010.924+/-0.313 χ^2/NDF : 970383.0/45

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4004.988+/-1776.771 χ^2/NDF : 2.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -488.037+/-2122.142 χ^2/NDF : 2.2/3

Left: -2555.623+/-1362.323 χ^2/NDF : 6.1/9

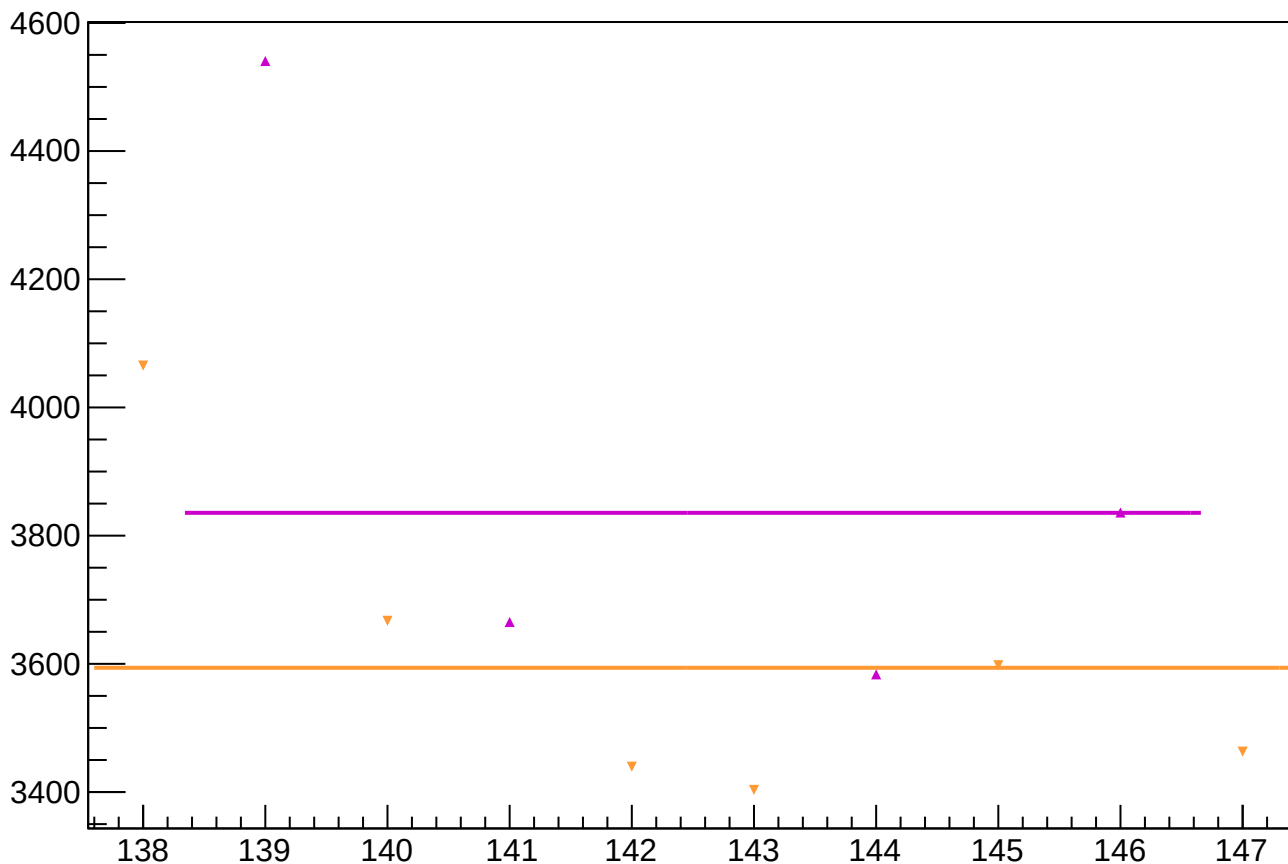
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -488.037+/-2122.142 χ^2/NDF : 2.2/3

Out: -4004.988+/-1776.771 χ^2/NDF : 2.3/5

All: -2555.623+/-1362.323 χ^2/NDF : 6.1/9

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3593.884+/-1.256 χ^2/NDF :28025.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3835.594+/-1.501 χ^2/NDF :50311.4/3

Left: 3693.495+/-0.963 χ^2/NDF : 93590.5/9

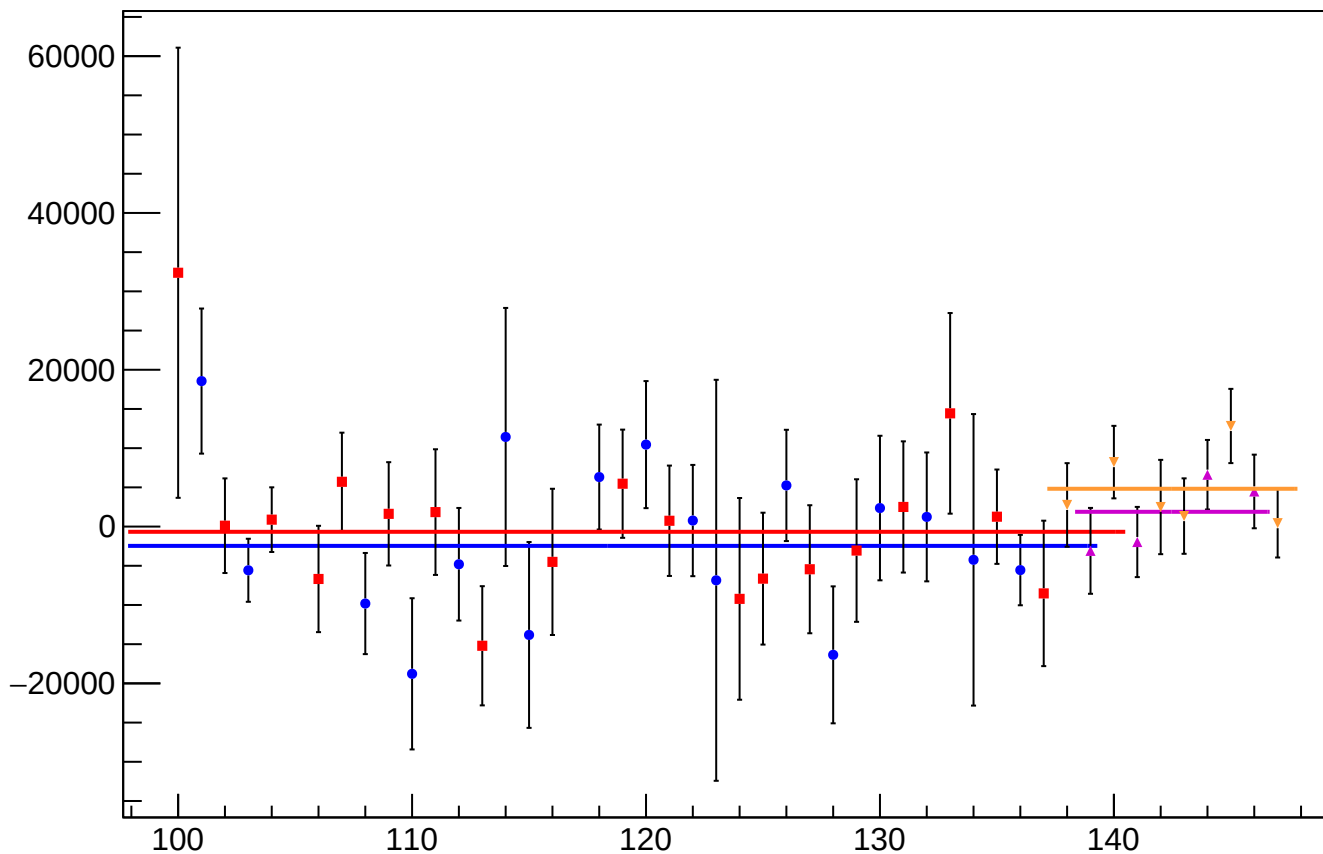
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3835.594+/-1.501 χ^2/NDF :50311.4/3

Out: 3593.884+/-1.256 χ^2/NDF :28025.7/5

All: 3693.495+/-0.963 χ^2/NDF : 93590.5/9

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 4821.809 $\pm$ 2001.498 χ^2 /NDF: 5.2/5

Right Out: -666.170 $\pm$ 1689.812 χ^2 /NDF: 11.9/18

Left In: 1883.166 $\pm$ 2360.804 χ^2 /NDF: 3.0/3

Left: 3592.901 $\pm$ 1526.674 χ^2 /NDF: 9.1/9

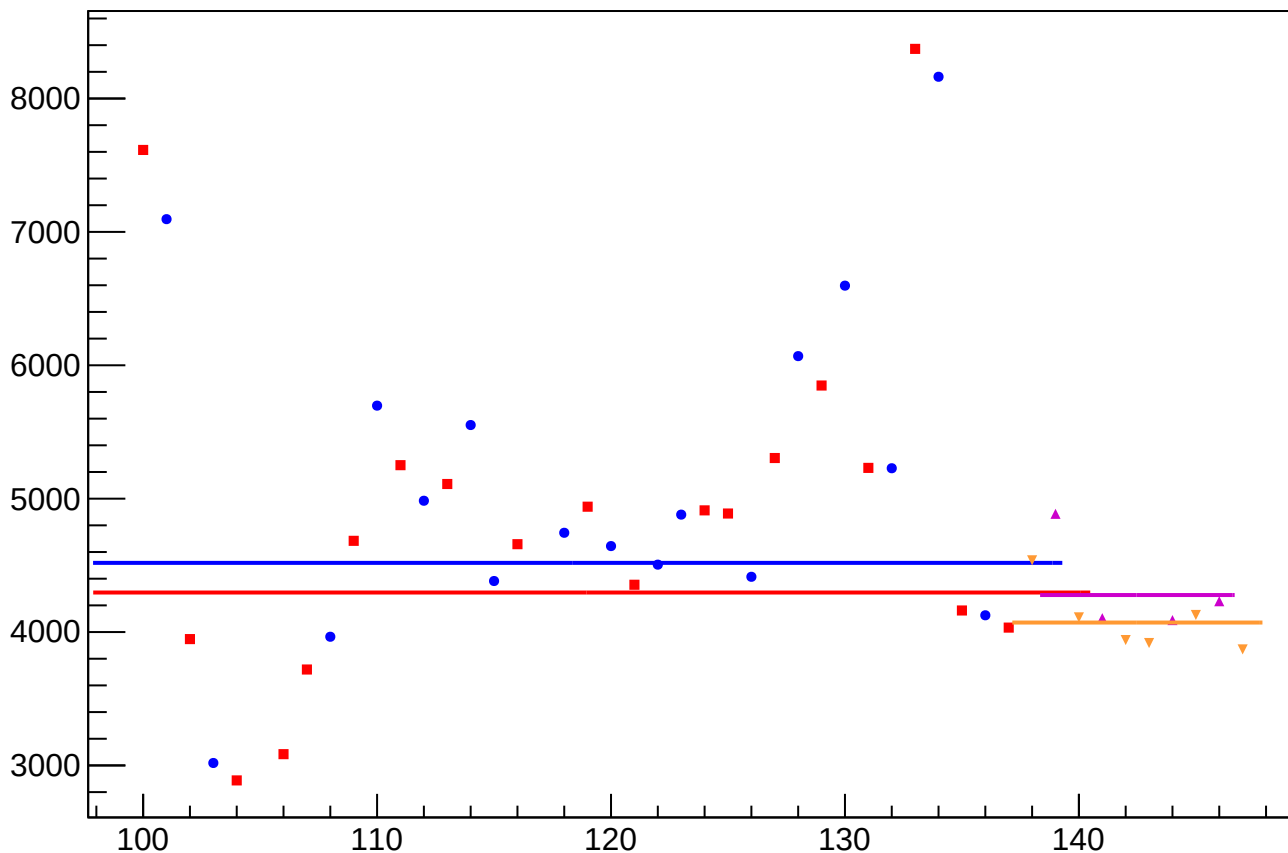
Right: -1508.905 $\pm$ 1231.122 χ^2 /NDF: 33.3/35

In: -867.821 $\pm$ 1430.037 χ^2 /NDF: 26.0/20

Out: 1617.707 $\pm$ 1291.175 χ^2 /NDF: 21.5/24

All: 501.448 $\pm$ 958.342 χ^2 /NDF: 49.2/45

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684 $\pm$ 1.271 χ^2/NDF : 770226.9/16

Left Out: 4071.318 $\pm$ 1.415 χ^2/NDF : 22973.7/5

Right Out: 4296.379 $\pm$ 1.188 χ^2/NDF : 771702.5/18

Left In: 4277.504 $\pm$ 1.669 χ^2/NDF : 31509.7/3

Left: 4157.543 $\pm$ 1.080 χ^2/NDF : 63359.2/9

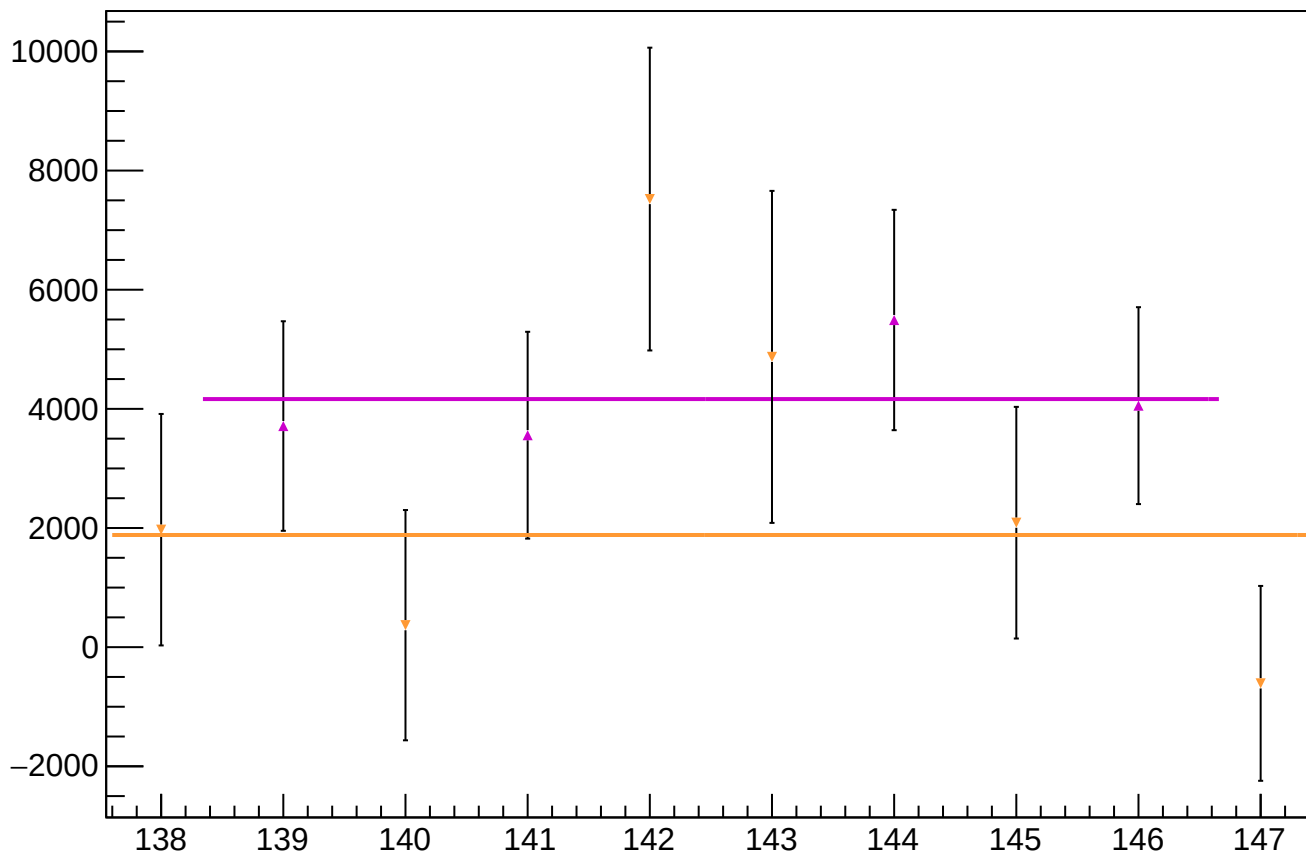
Right: 4400.071 $\pm$ 0.868 χ^2/NDF : 1558255.2/35

In: 4430.189 $\pm$ 1.011 χ^2/NDF : 814951.1/20

Out: 4203.325 $\pm$ 0.910 χ^2/NDF : 809508.7/24

All: 4304.845 $\pm$ 0.676 χ^2/NDF : 1652270.1/45

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1882.832 $\pm$ 829.133 χ^2 /NDF:9.0/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 4164.432 $\pm$ 872.464 χ^2 /NDF:0.7/3

Left: 2965.568 $\pm$ 601.020 χ^2 /NDF: 13.3/9

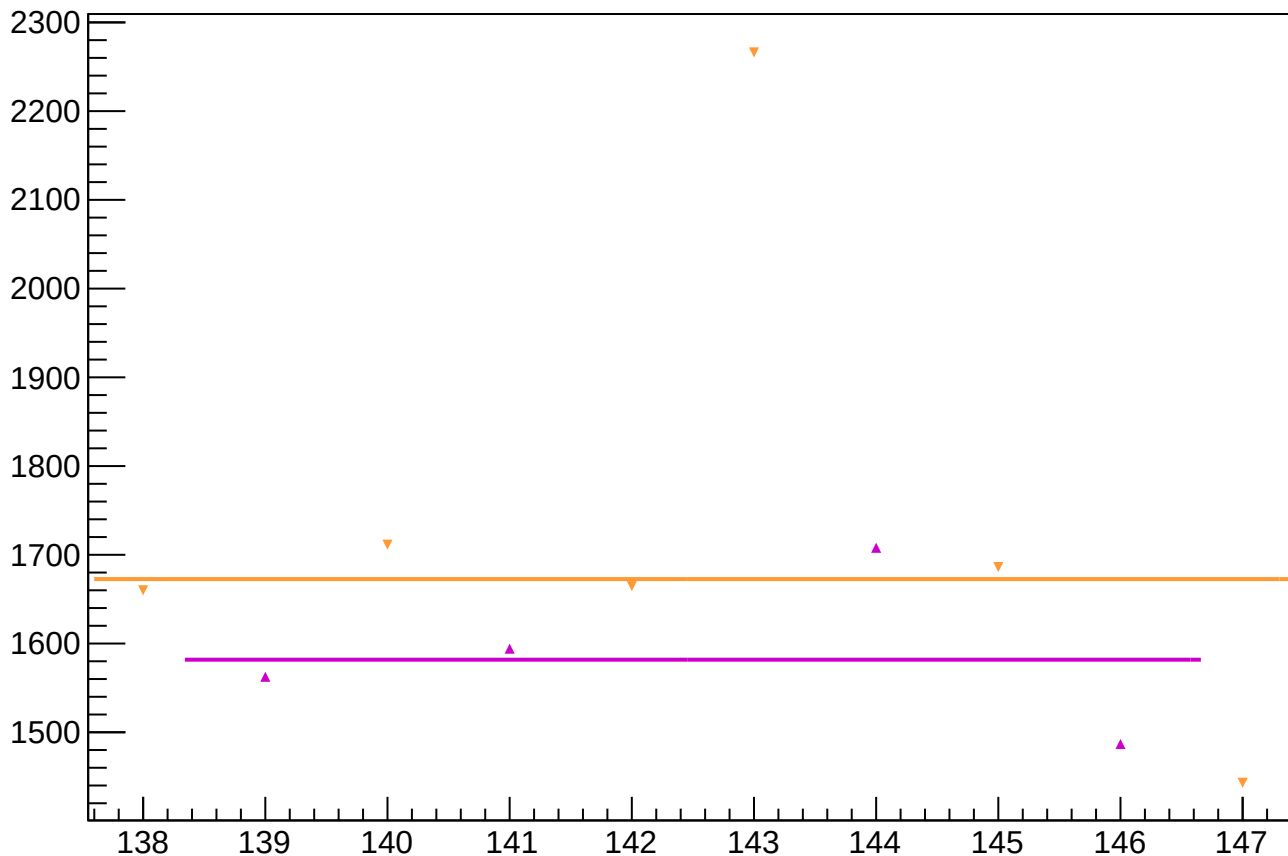
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4164.432 $\pm$ 872.464 χ^2 /NDF:0.7/3

Out: 1882.832 $\pm$ 829.133 χ^2 /NDF:9.0/5

All: 2965.568 $\pm$ 601.020 χ^2 /NDF: 13.3/9

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1672.634+/-0.586 χ^2/NDF :131142.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1581.801+/-0.617 χ^2/NDF :16257.7/3

Left: 1629.529+/-0.425 χ^2/NDF : 158790.4/9

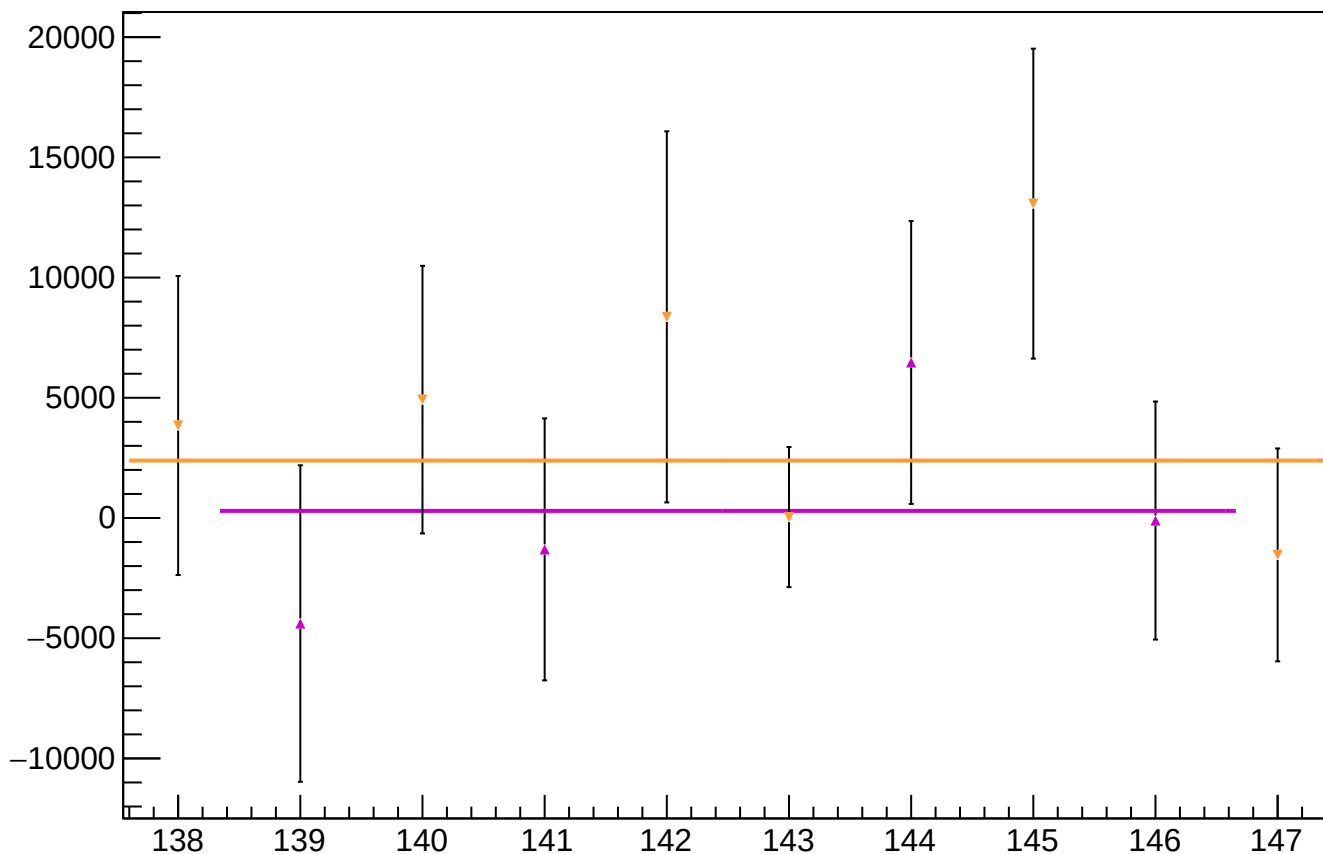
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1581.801+/-0.617 χ^2/NDF :16257.7/3

Out: 1672.634+/-0.586 χ^2/NDF :131142.0/5

All: 1629.529+/-0.425 χ^2/NDF : 158790.4/9

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2388.676+/-1932.488 χ^2/NDF :5.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 295.408+/-2811.781 χ^2/NDF :1.7/3

Left: 1717.120+/-1592.613 χ^2/NDF : 7.1/9

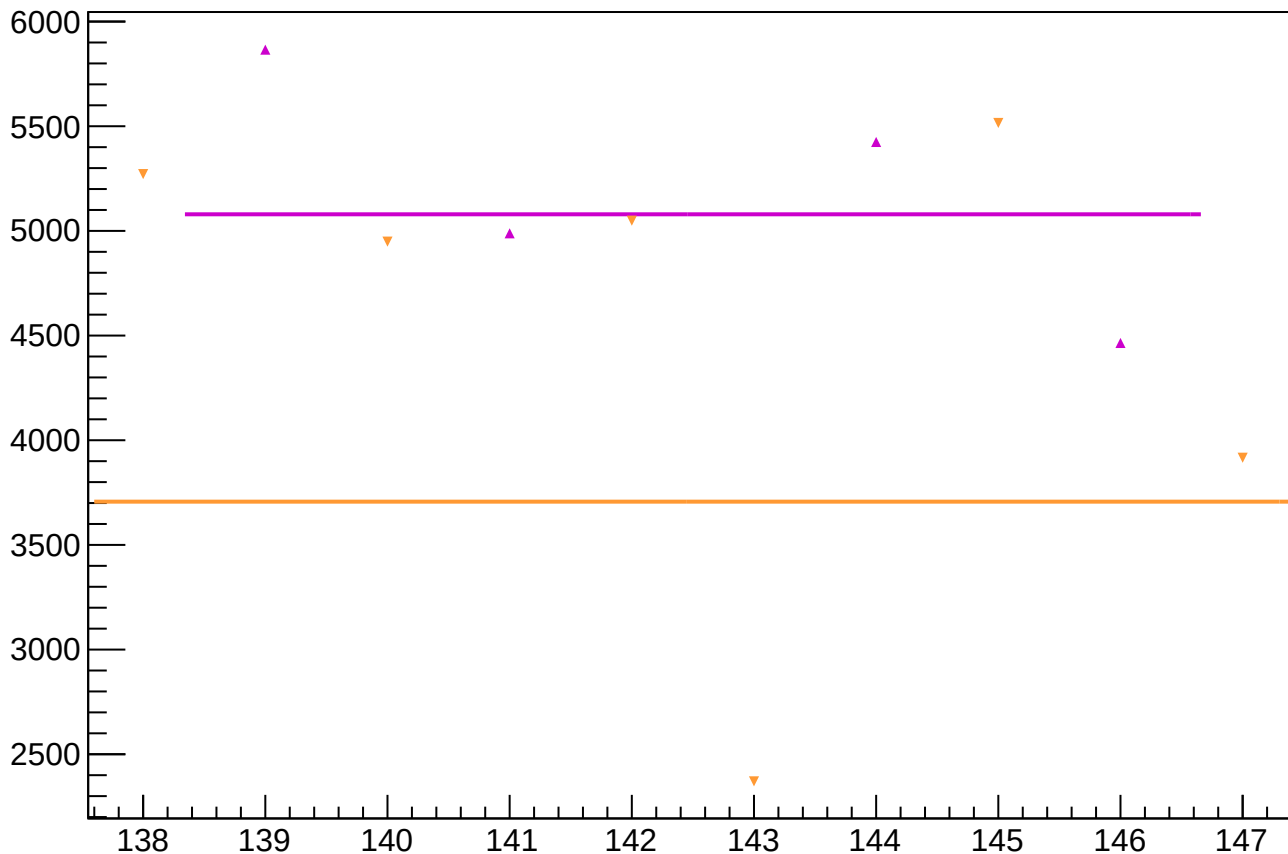
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 295.408+/-2811.781 χ^2/NDF :1.7/3

Out: 2388.676+/-1932.488 χ^2/NDF :5.0/5

All: 1717.120+/-1592.613 χ^2/NDF : 7.1/9

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3706.640+/-1.366 χ^2/NDF : 869235.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5079.329+/-1.988 χ^2/NDF : 66849.6/3

Left: 4147.022+/-1.126 χ^2/NDF : 1259826.3/9

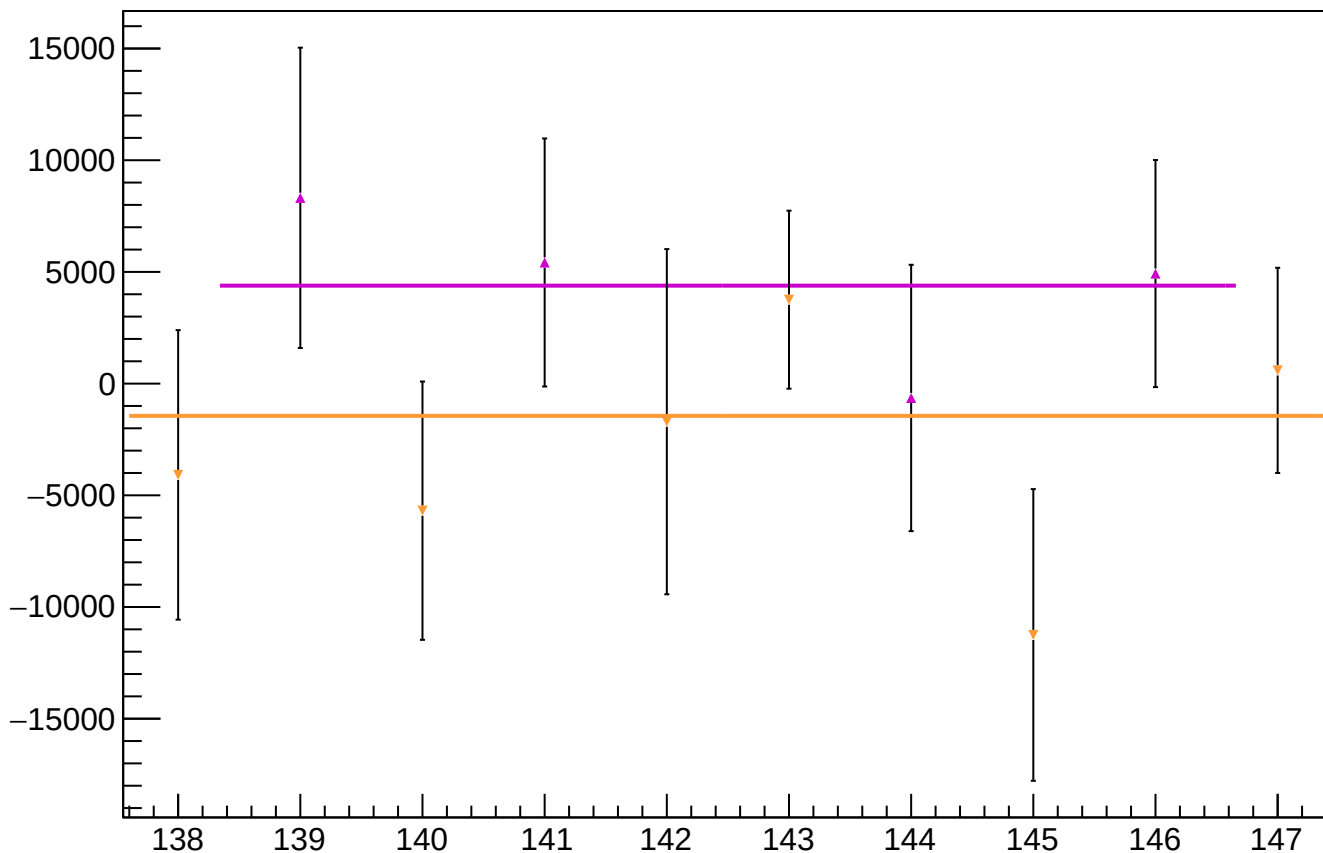
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5079.329+/-1.988 χ^2/NDF : 66849.6/3

Out: 3706.640+/-1.366 χ^2/NDF : 869235.6/5

All: 4147.022+/-1.126 χ^2/NDF : 1259826.3/9

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1444.541+/-2212.124 χ^2/NDF :4.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4385.899+/-2869.744 χ^2/NDF :1.1/3

Left: 728.617+/-1752.016 χ^2/NDF : 8.6/9

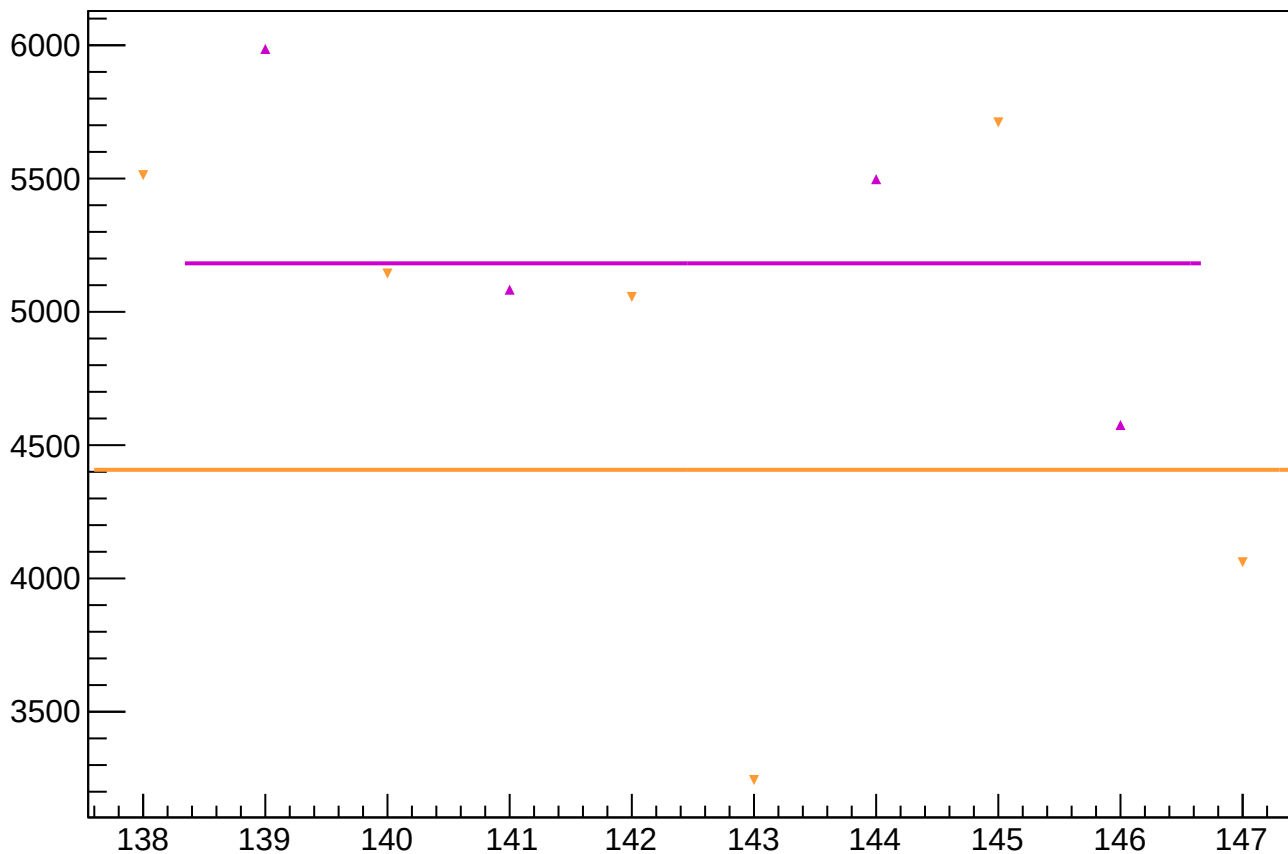
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4385.899+/-2869.744 χ^2/NDF :1.1/3

Out: -1444.541+/-2212.124 χ^2/NDF :4.9/5

All: 728.617+/-1752.016 χ^2/NDF : 8.6/9

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4407.553+/-1.564 χ^2/NDF :366356.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5181.974+/-2.029 χ^2/NDF :63347.6/3

Left: 4696.200+/-1.239 χ^2/NDF : 521063.8/9

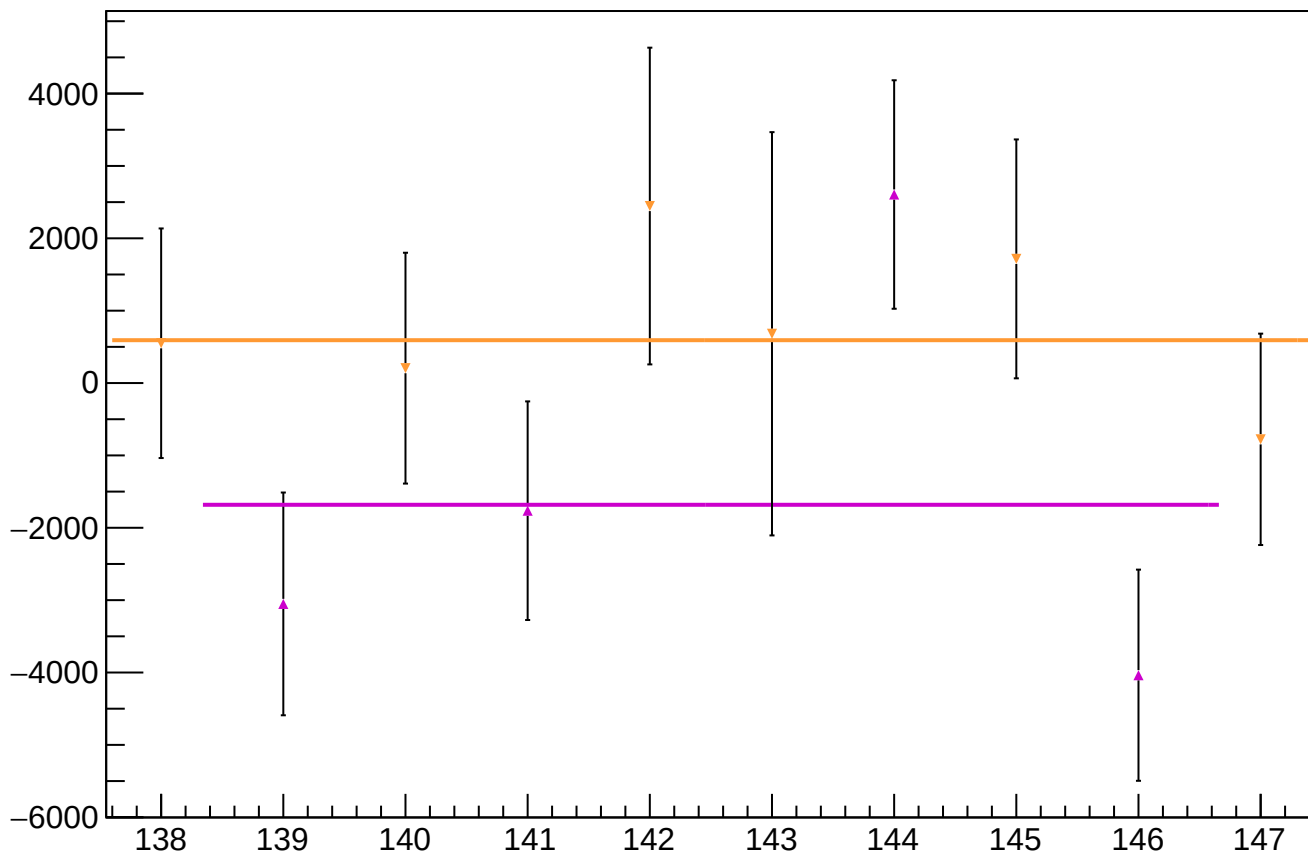
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5181.974+/-2.029 χ^2/NDF :63347.6/3

Out: 4407.553+/-1.564 χ^2/NDF :366356.6/5

All: 4696.200+/-1.239 χ^2/NDF : 521063.8/9

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 592.149+/-713.554 χ^2/NDF :2.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1682.288+/-759.976 χ^2/NDF :10.8/3

Left: -473.488+/-520.196 χ^2/NDF : 17.7/9

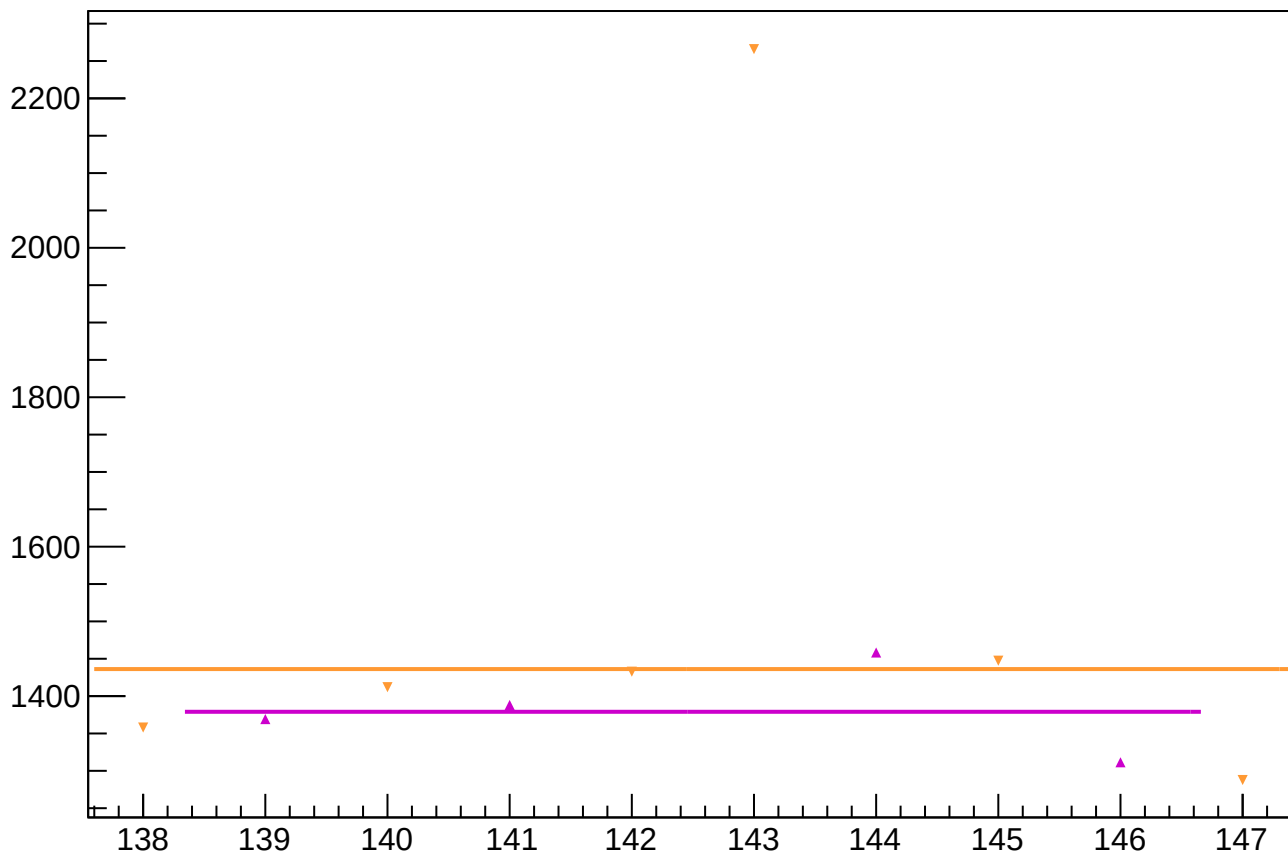
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1682.288+/-759.976 χ^2/NDF :10.8/3

Out: 592.149+/-713.554 χ^2/NDF :2.1/5

All: -473.488+/-520.196 χ^2/NDF : 17.7/9

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1436.199+/-0.505 χ^2/NDF : 203439.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1379.029+/-0.537 χ^2/NDF : 9496.7/3

Left: 1409.414+/-0.368 χ^2/NDF : 218951.1/9

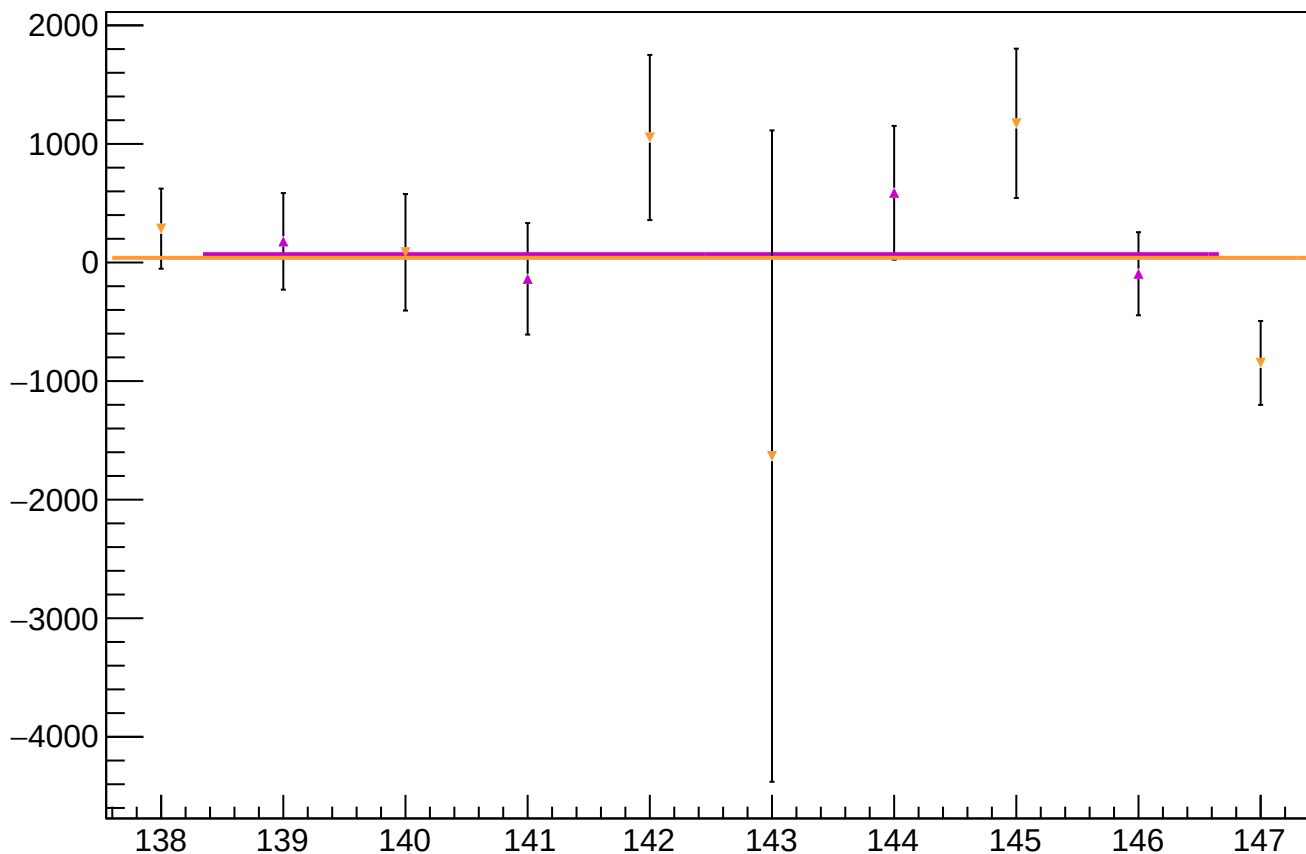
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1379.029+/-0.537 χ^2/NDF : 9496.7/3

Out: 1436.199+/-0.505 χ^2/NDF : 203439.2/5

All: 1409.414+/-0.368 χ^2/NDF : 218951.1/9

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 39.382+/-197.619 χ^2/NDF :12.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 70.121+/-213.945 χ^2/NDF :1.3/3

Left: 53.534+/-145.167 χ^2/NDF : 13.9/9

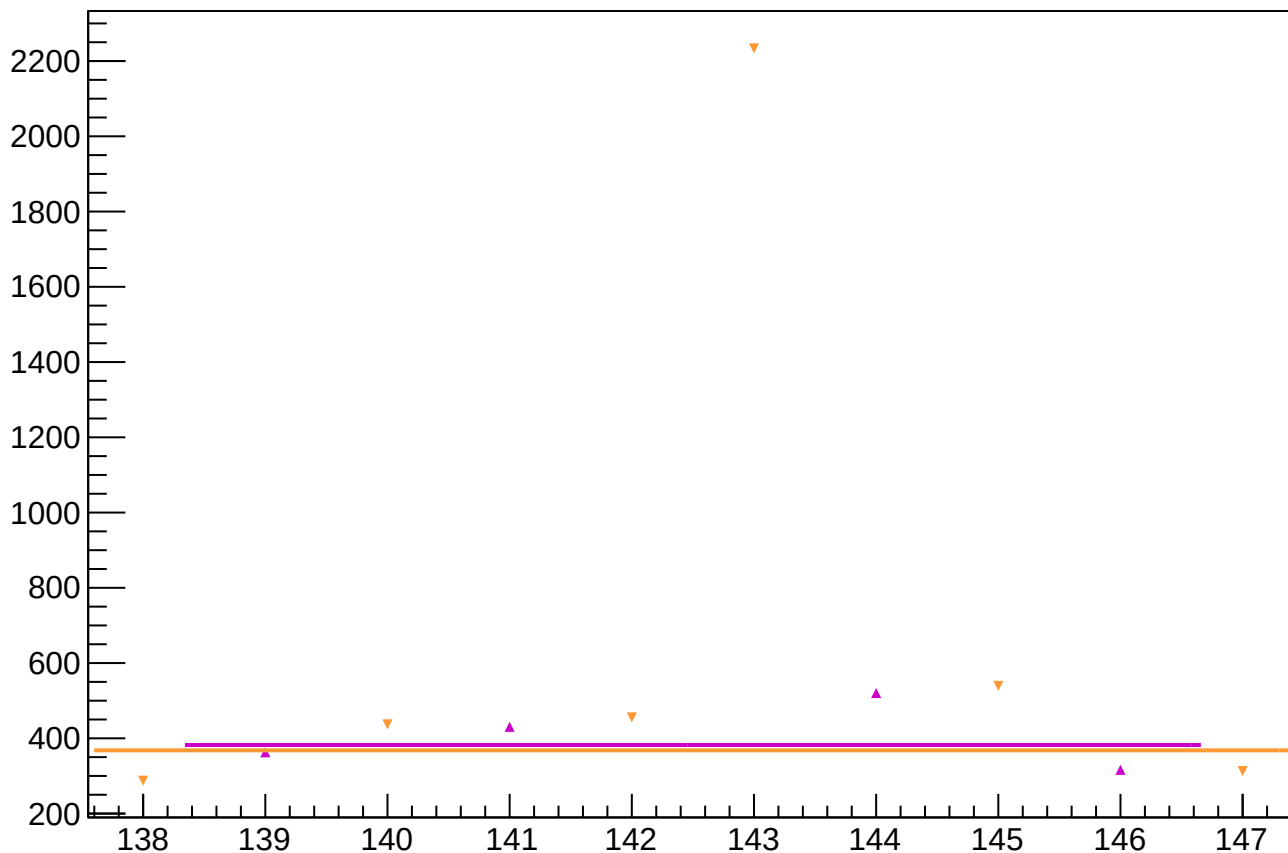
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.121+/-213.945 χ^2/NDF :1.3/3

Out: 39.382+/-197.619 χ^2/NDF :12.6/5

All: 53.534+/-145.167 χ^2/NDF : 13.9/9

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.025+/-0.140 χ^2/NDF :1304040.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 382.215+/-0.151 χ^2/NDF :216810.1/3

Left: 374.558+/-0.103 χ^2/NDF : 1525597.4/9

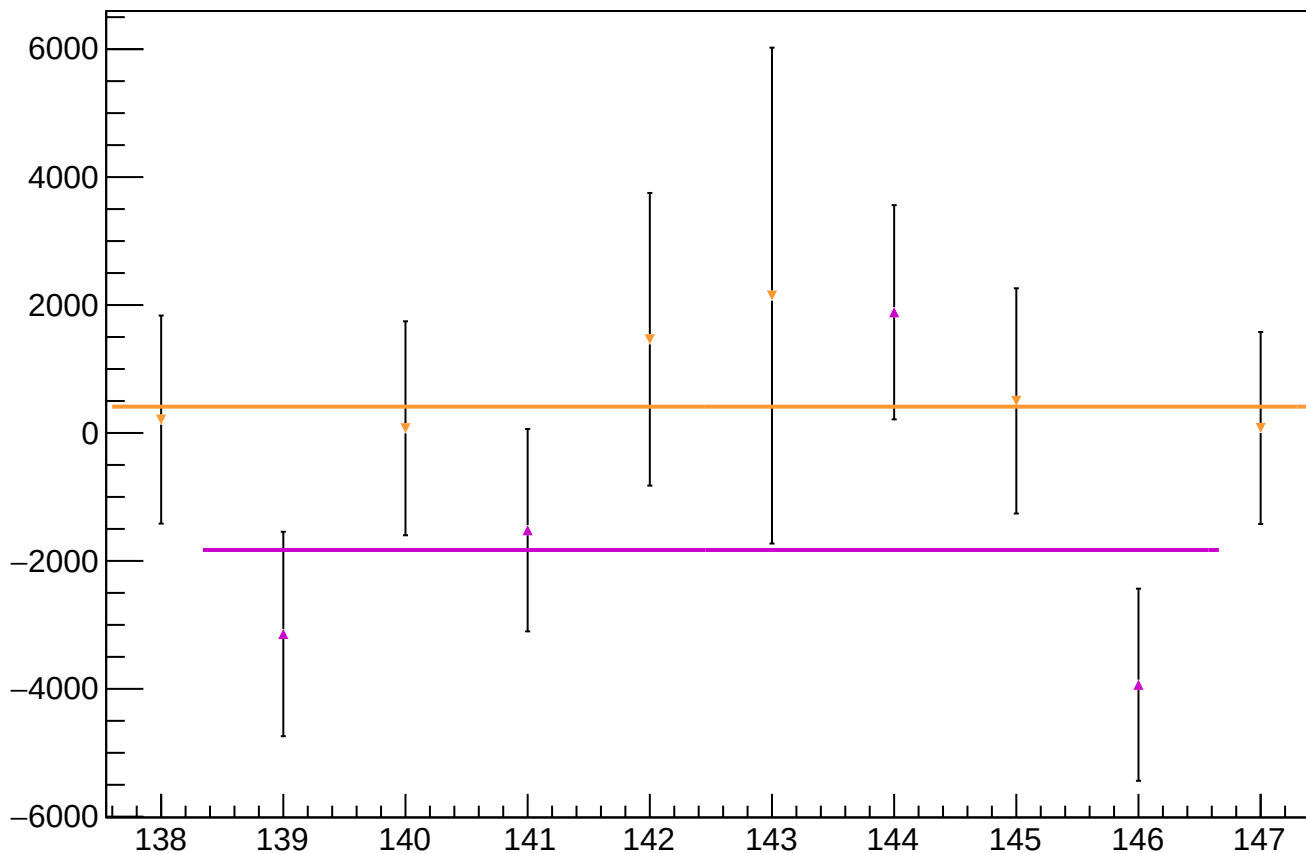
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 382.215+/-0.151 χ^2/NDF :216810.1/3

Out: 368.025+/-0.140 χ^2/NDF :1304040.2/5

All: 374.558+/-0.103 χ^2/NDF : 1525597.4/9

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 411.549 ± 753.678 $\chi^2/\text{NDF}: 0.5/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -1828.923 ± 792.632 $\chi^2/\text{NDF}: 7.6/3$

Left: -652.281 ± 546.183 $\chi^2/\text{NDF}: 12.3/9$

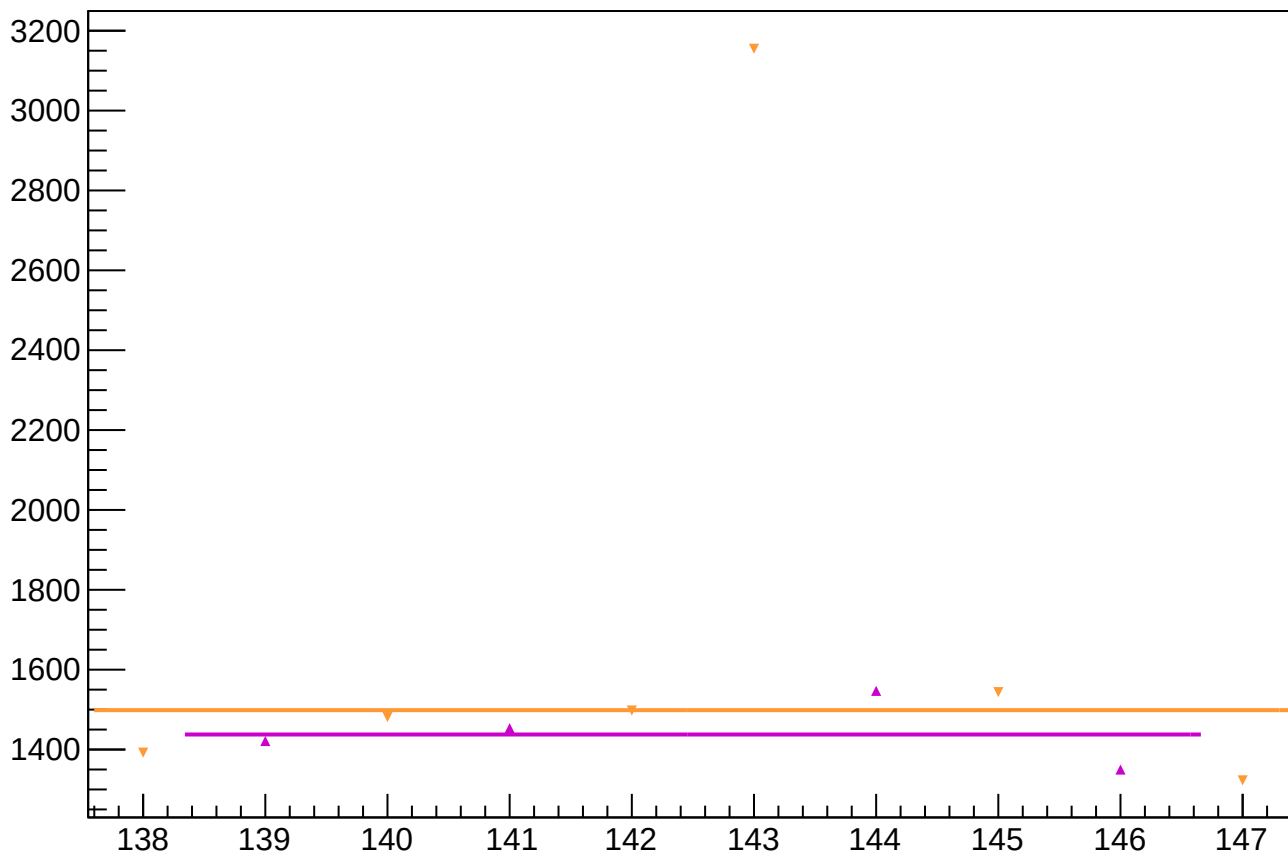
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -1828.923 ± 792.632 $\chi^2/\text{NDF}: 7.6/3$

Out: 411.549 ± 753.678 $\chi^2/\text{NDF}: 0.5/5$

All: -652.281 ± 546.183 $\chi^2/\text{NDF}: 12.3/9$

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1498.624+/-0.533 χ^2/NDF :402822.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1437.661+/-0.560 χ^2/NDF :15766.7/3

Left: 1469.677+/-0.386 χ^2/NDF : 424802.6/9

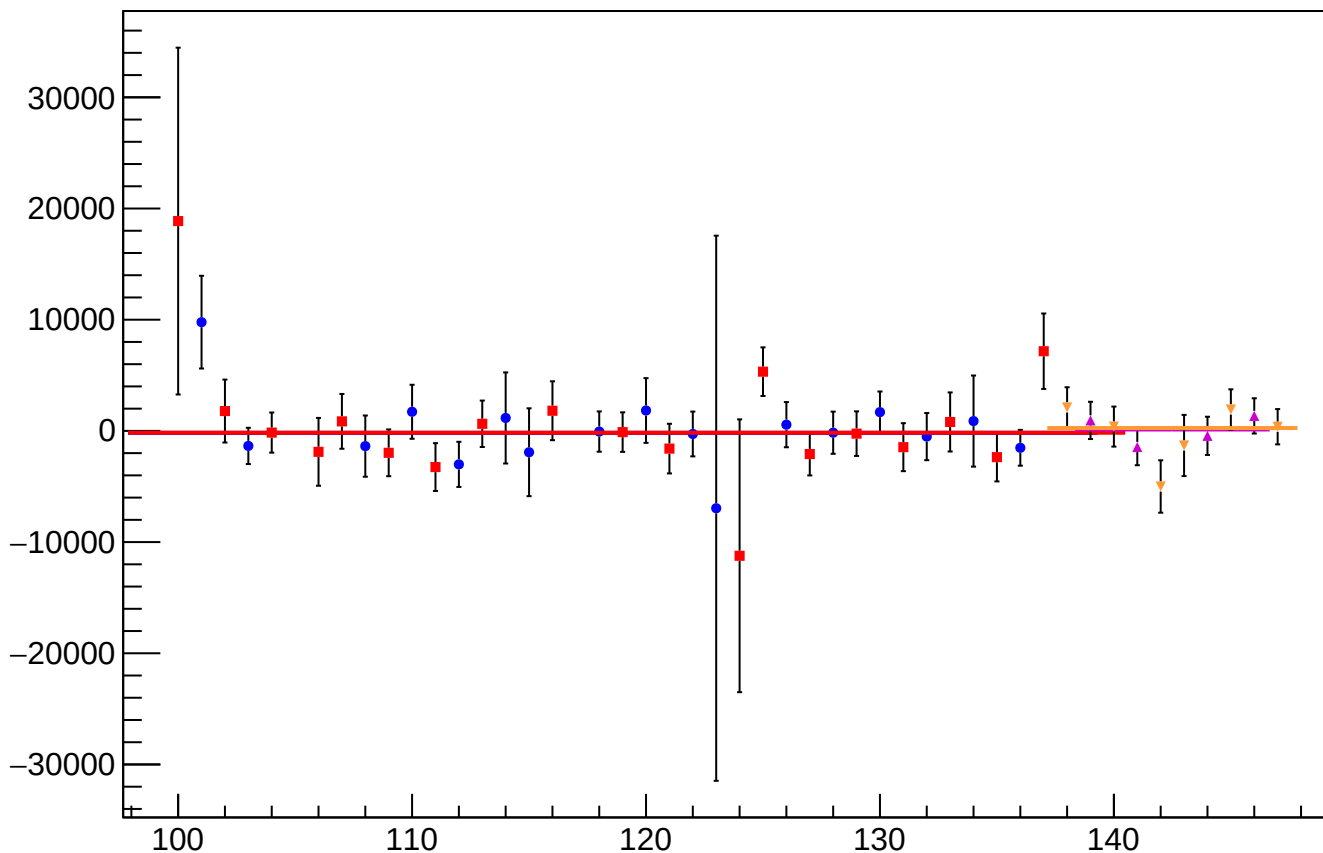
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1437.661+/-0.560 χ^2/NDF :15766.7/3

Out: 1498.624+/-0.533 χ^2/NDF :402822.6/5

All: 1469.677+/-0.386 χ^2/NDF : 424802.6/9

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841+/-554.659 χ^2/NDF : 11.8/16

Left Out: 256.726+/-784.591 χ^2/NDF : 7.2/5

Right Out: -164.937+/-540.101 χ^2/NDF : 20.7/18

Left In: 125.786+/-826.039 χ^2/NDF : 1.9/3

Left: 194.623+/-568.878 χ^2/NDF : 9.1/9

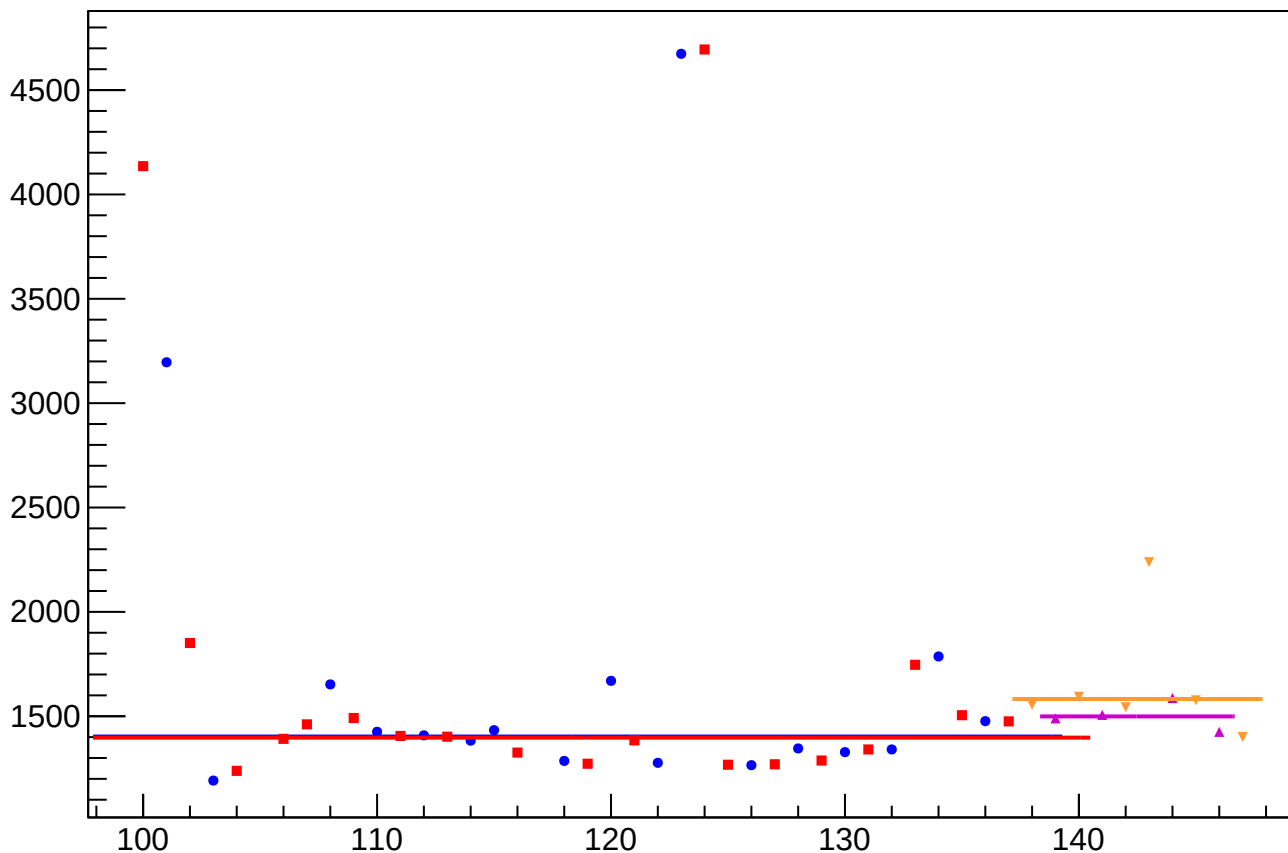
Right: -169.758+/-386.953 χ^2/NDF : 32.4/35

In: -81.419+/-460.481 χ^2/NDF : 13.7/20

Out: -29.366+/-444.882 χ^2/NDF : 28.1/24

All: -54.496+/-319.952 χ^2/NDF : 41.8/45

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709+/-0.392 χ^2/NDF : 526326.4/16

Left Out: 1582.603+/-0.555 χ^2/NDF : 140827.0/5

Right Out: 1397.442+/-0.382 χ^2/NDF : 353365.4/18

Left In: 1499.060+/-0.584 χ^2/NDF : 9752.1/3

Left: 1542.980+/-0.402 χ^2/NDF : 161333.9/9

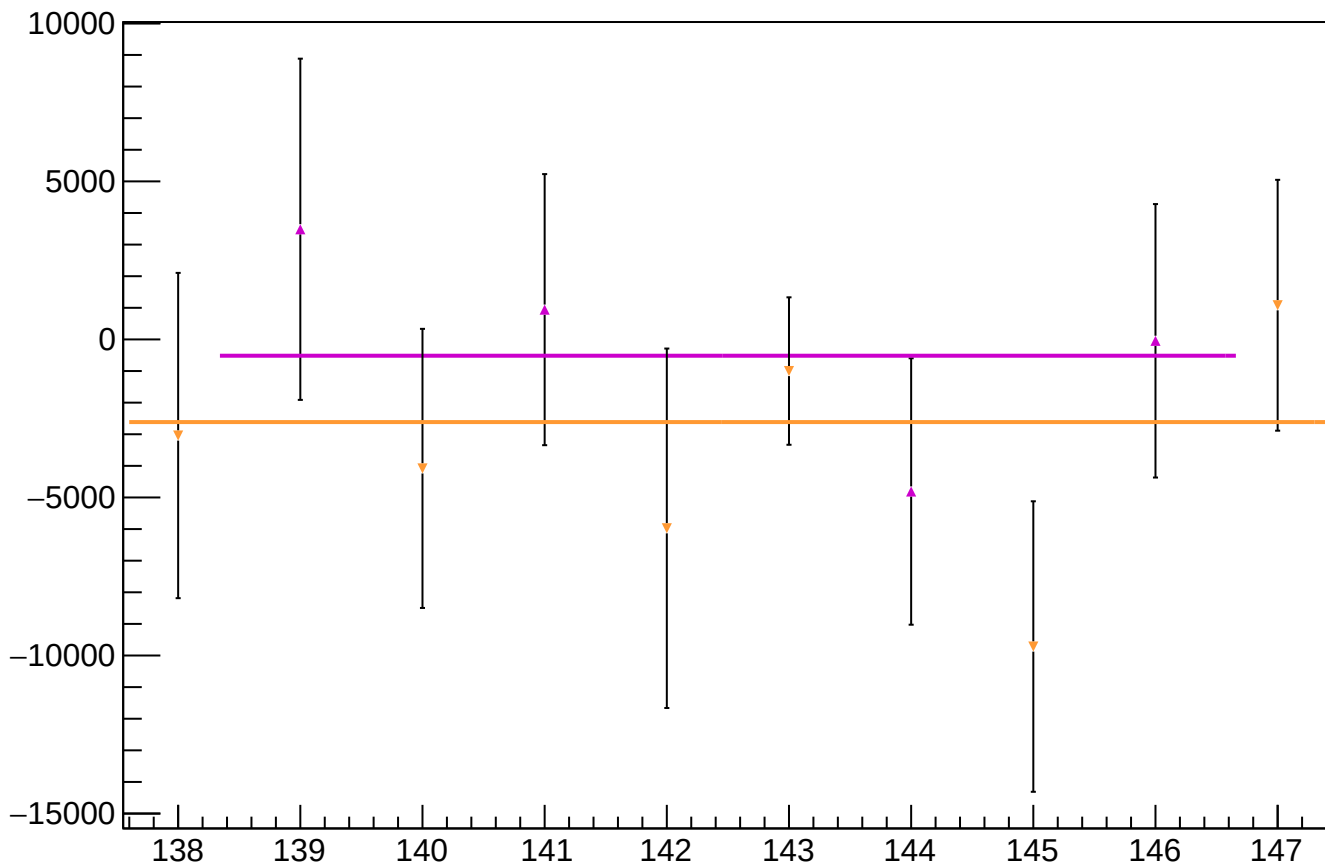
Right: 1400.004+/-0.274 χ^2/NDF : 879784.5/35

In: 1432.650+/-0.326 χ^2/NDF : 554833.5/20

Out: 1456.928+/-0.314 χ^2/NDF : 569795.9/24

All: 1445.212+/-0.226 χ^2/NDF : 1127505.9/45

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2614.837+/-1552.871 χ^2/NDF :4.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -515.623+/-2244.785 χ^2/NDF :1.7/3

Left: -1935.408+/-1277.081 χ^2/NDF : 6.5/9

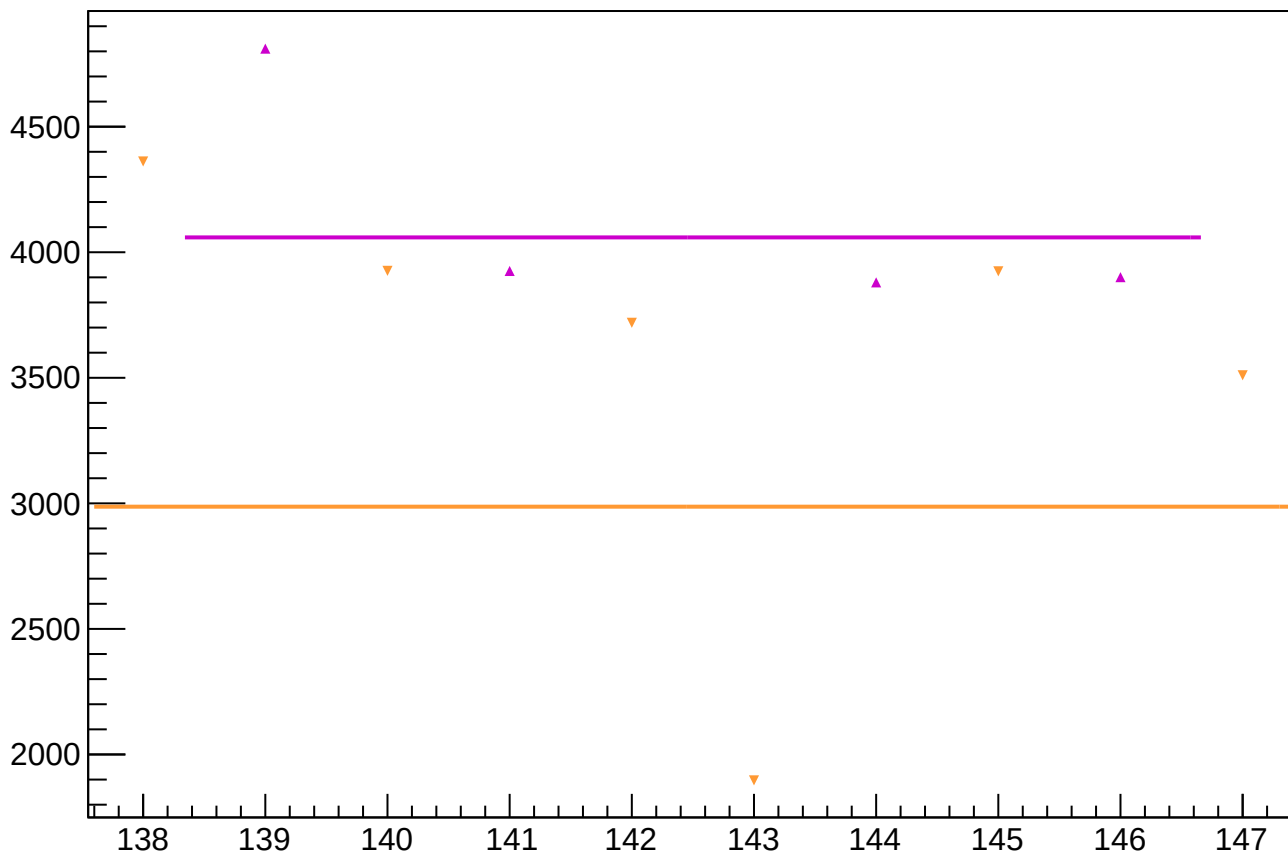
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -515.623+/-2244.785 χ^2/NDF :1.7/3

Out: -2614.837+/-1552.871 χ^2/NDF :4.2/5

All: -1935.408+/-1277.081 χ^2/NDF : 6.5/9

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2986.781+/-1.098 χ^2/NDF : 821216.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4059.100+/-1.587 χ^2/NDF : 47027.2/3

Left: 3333.847+/-0.903 χ^2/NDF : 1176913.7/9

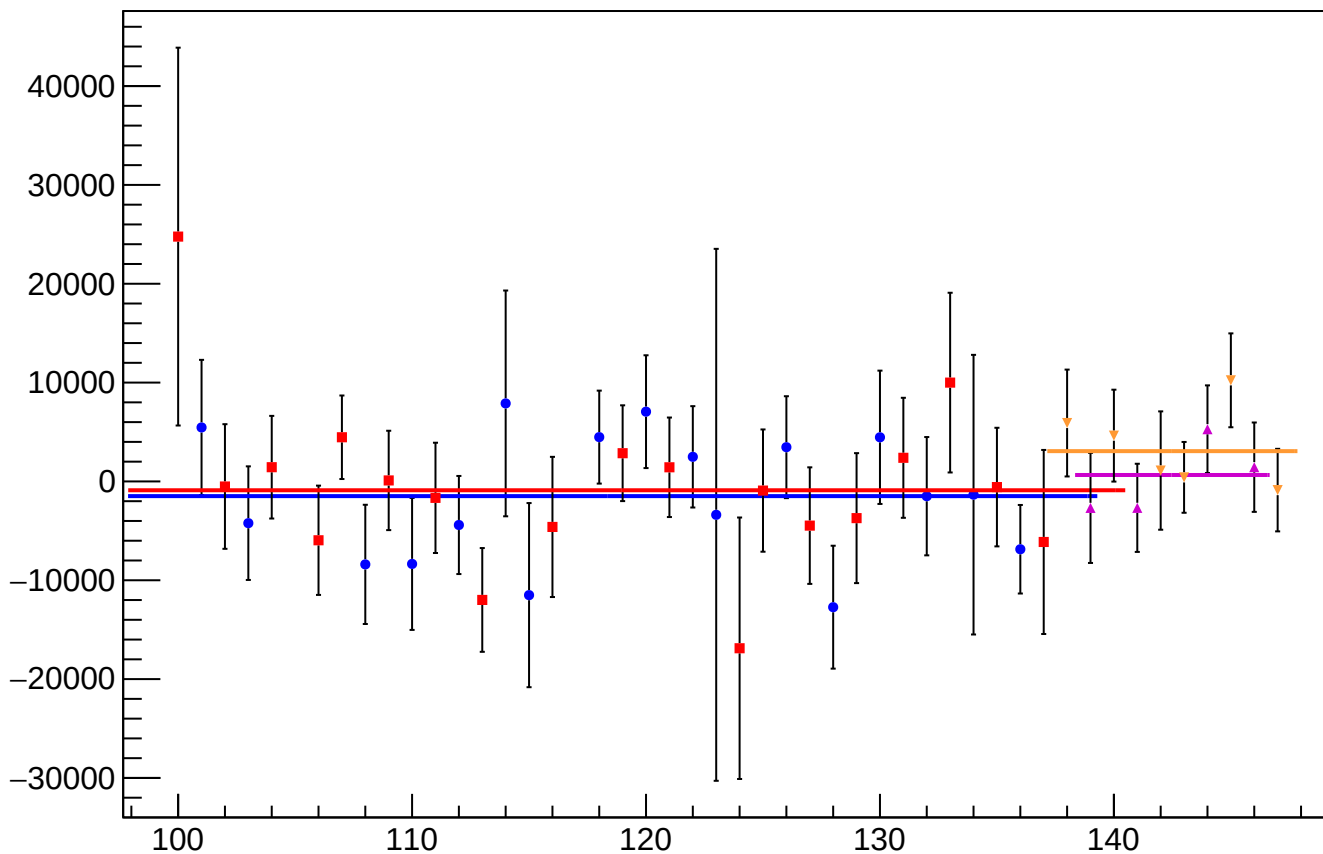
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4059.100+/-1.587 χ^2/NDF : 47027.2/3

Out: 2986.781+/-1.098 χ^2/NDF : 821216.4/5

All: 3333.847+/-0.903 χ^2/NDF : 1176913.7/9

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038 $\pm$ 1499.116 χ^2 /NDF: 16.7/16

Left Out: 3064.381 $\pm$ 1863.398 χ^2 /NDF: 4.2/5

Right Out: -894.160 $\pm$ 1378.910 χ^2 /NDF: 14.1/18

Left In: 651.079 $\pm$ 2342.142 χ^2 /NDF: 2.0/3

Left: 2128.937 $\pm$ 1458.197 χ^2 /NDF: 6.9/9

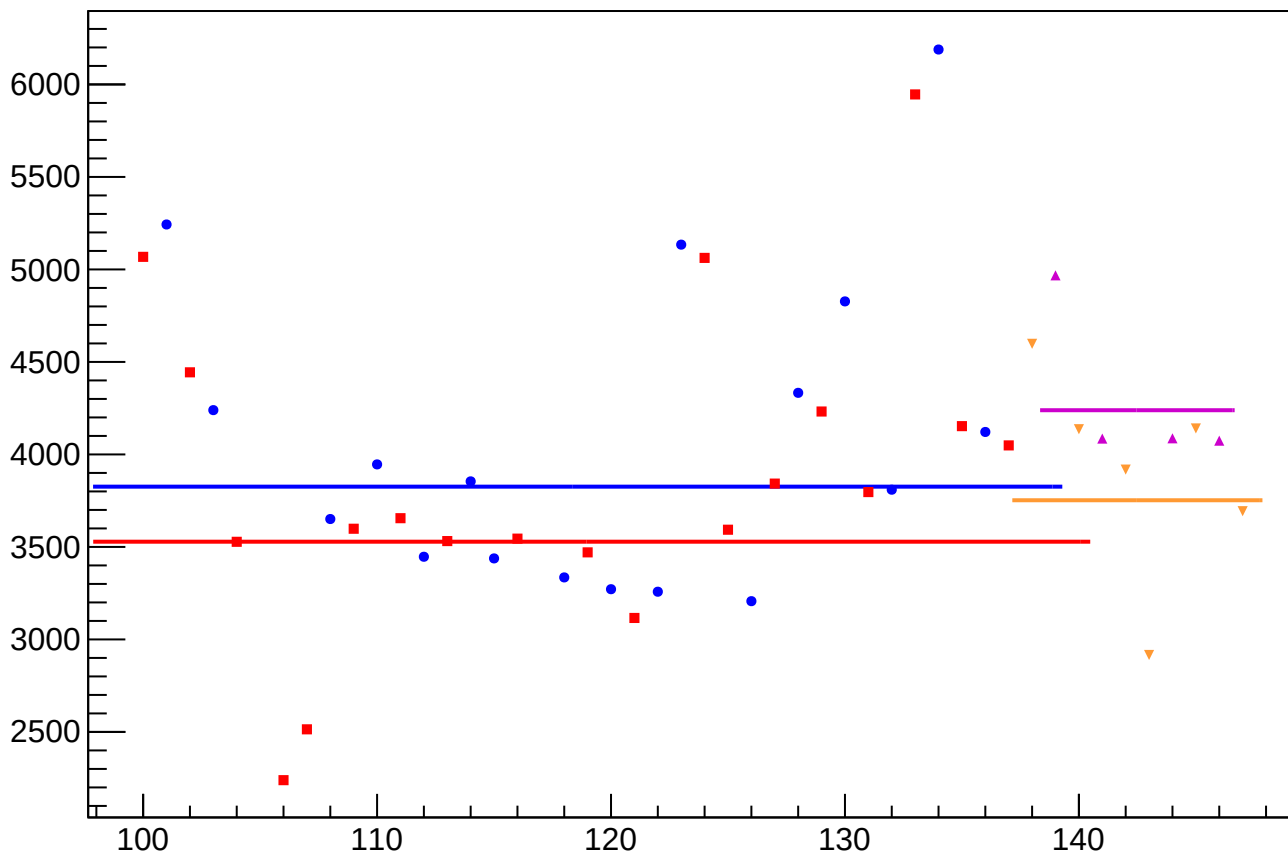
Right: -1165.879 $\pm$ 1014.876 χ^2 /NDF: 30.9/35

In: -865.661 $\pm$ 1262.627 χ^2 /NDF: 19.3/20

Out: 506.517 $\pm$ 1108.427 χ^2 /NDF: 21.3/24

All: -90.709 $\pm$ 832.989 χ^2 /NDF: 41.2/45

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844+/-1.060 χ^2/NDF : 334404.3/16

Left Out: 3752.291+/-1.318 χ^2/NDF :186883.3/5

Right Out: 3528.289+/-0.966 χ^2/NDF : 555414.1/18

Left In: 4238.991+/-1.656 χ^2/NDF :41602.6/3

Left: 3940.945+/-1.031 χ^2/NDF : 281372.8/9

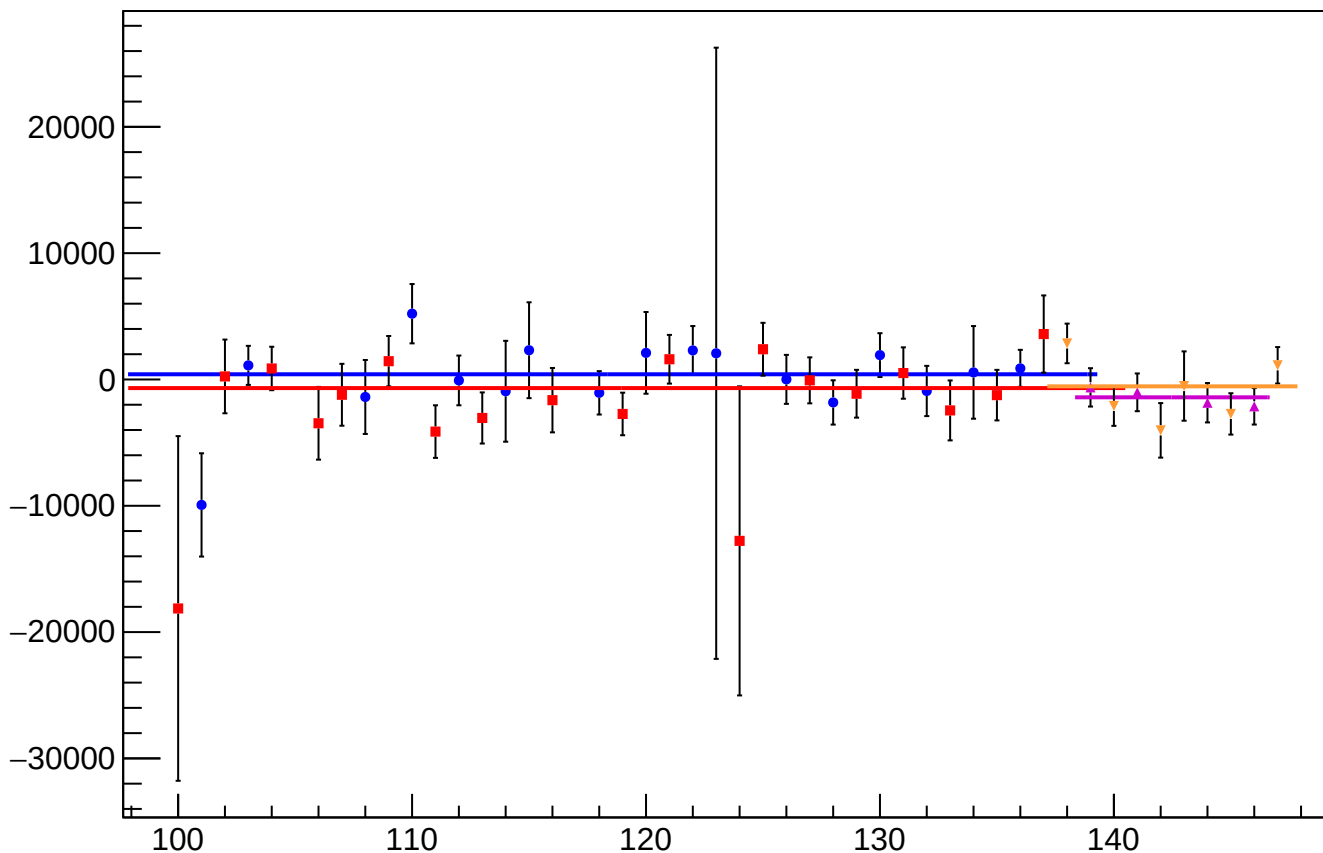
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

In: 3945.908+/-0.893 χ^2/NDF :420153.8/20

Out: 3606.616+/-0.779 χ^2/NDF :761092.8/24

All: 3753.306+/-0.587 χ^2/NDF : 1263230.7/45

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419+/-527.980 χ^2/NDF : 16.5/16

Left Out: -544.435+/-705.452 χ^2/NDF : 11.4/5

Right Out: -682.176+/-510.196 χ^2/NDF : 18.0/18

Left In: -1412.760+/-750.962 χ^2/NDF : 0.7/3

Left: -951.490+/-514.166 χ^2/NDF : 12.7/9

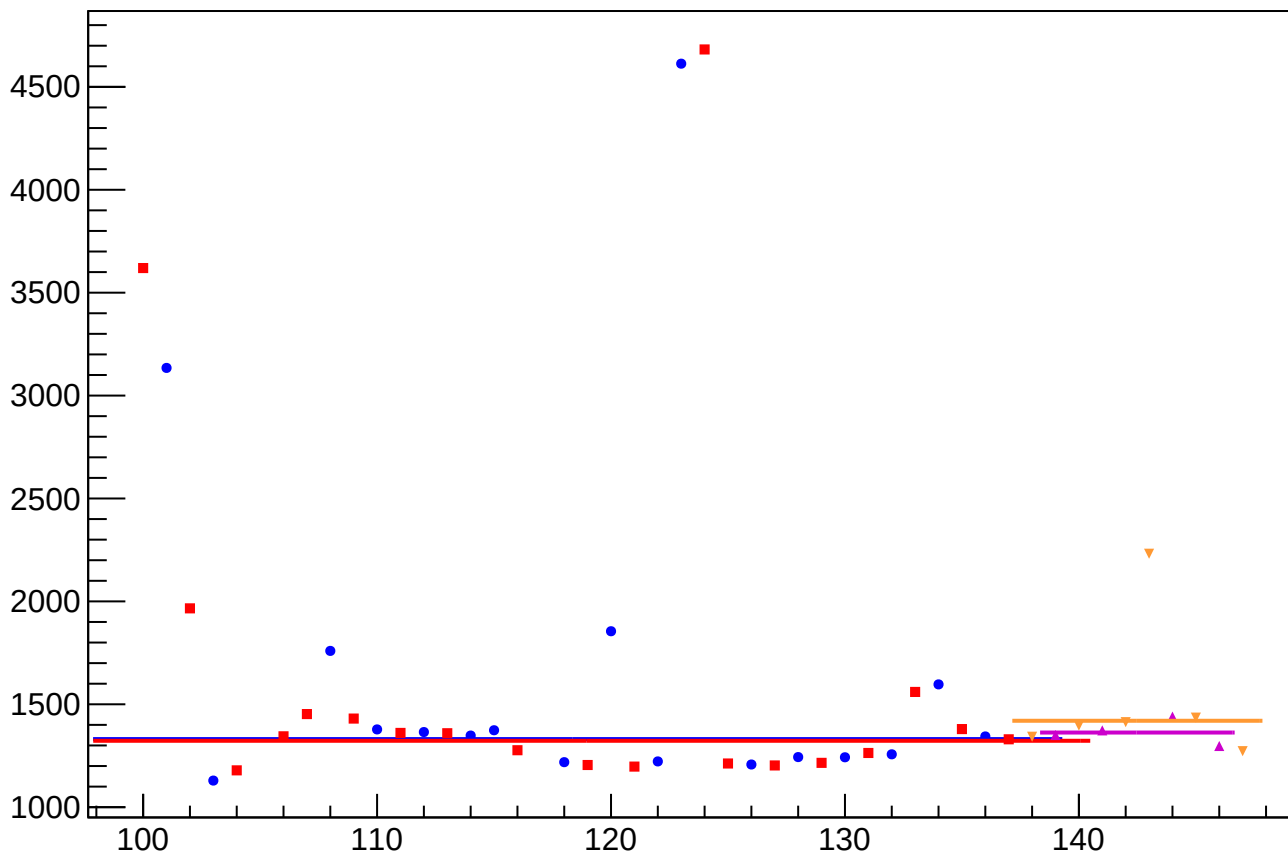
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: -192.010+/-431.914 χ^2/NDF : 21.1/20

Out: -634.873+/-413.410 χ^2/NDF : 29.4/24

All: -423.131+/-298.652 χ^2/NDF : 51.1/45

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

Left Out: 1419.934 $\pm$ 0.499 χ^2 /NDF: 201403.7/5

Right Out: 1322.706 $\pm$ 0.361 χ^2 /NDF: 394413.6/18

Left In: 1362.727 $\pm$ 0.531 χ^2 /NDF: 9270.9/3

Left: 1393.116 $\pm$ 0.364 χ^2 /NDF: 216839.9/9

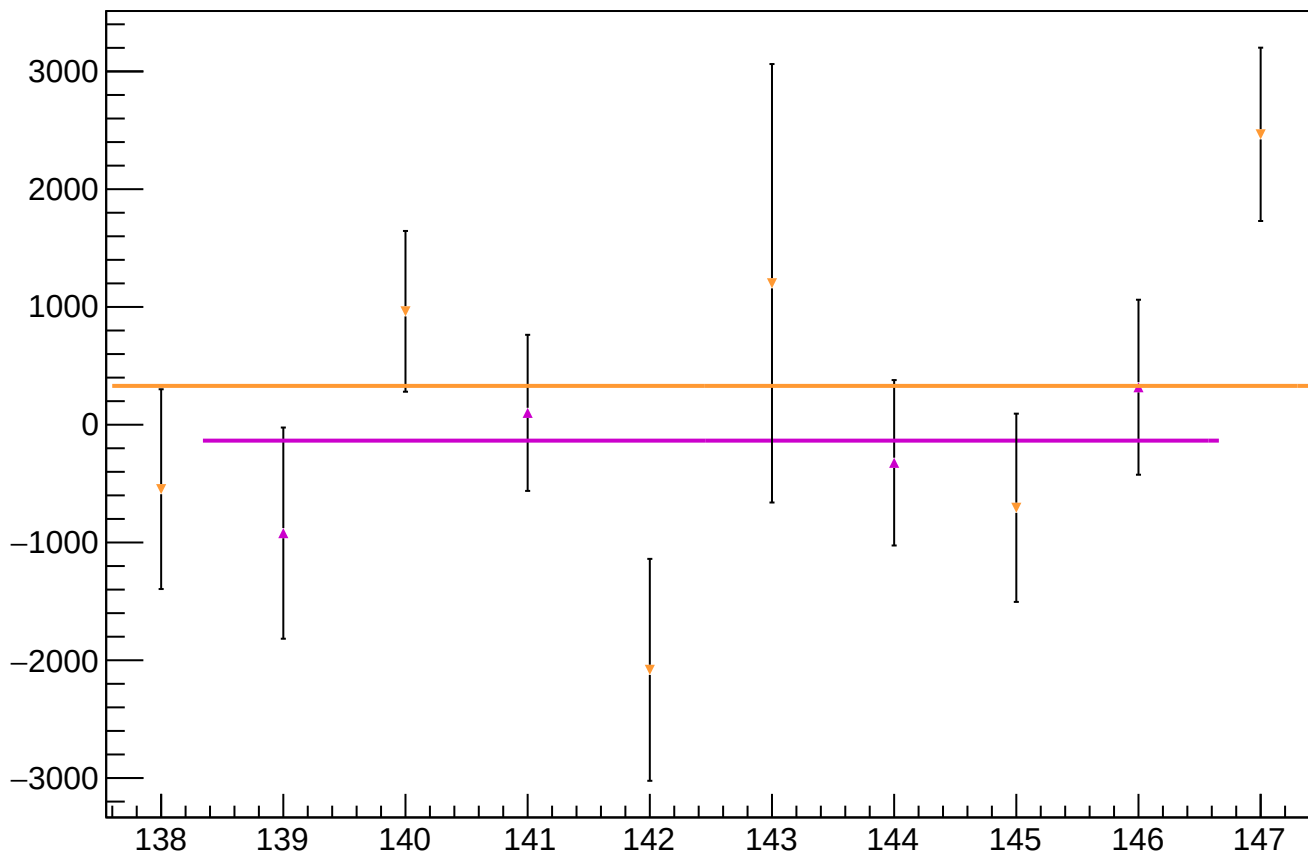
Right: 1326.657 $\pm$ 0.259 χ^2 /NDF: 998136.6/35

In: 1341.421 $\pm$ 0.305 χ^2 /NDF: 615151.0/20

Out: 1356.096 $\pm$ 0.292 χ^2 /NDF: 620761.5/24

All: 1349.079 $\pm$ 0.211 χ^2 /NDF: 1237117.4/45

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 329.714+/-345.772 χ^2/NDF :18.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -135.075+/-368.601 χ^2/NDF :1.3/3

Left: 112.158+/-252.182 χ^2/NDF : 21.0/9

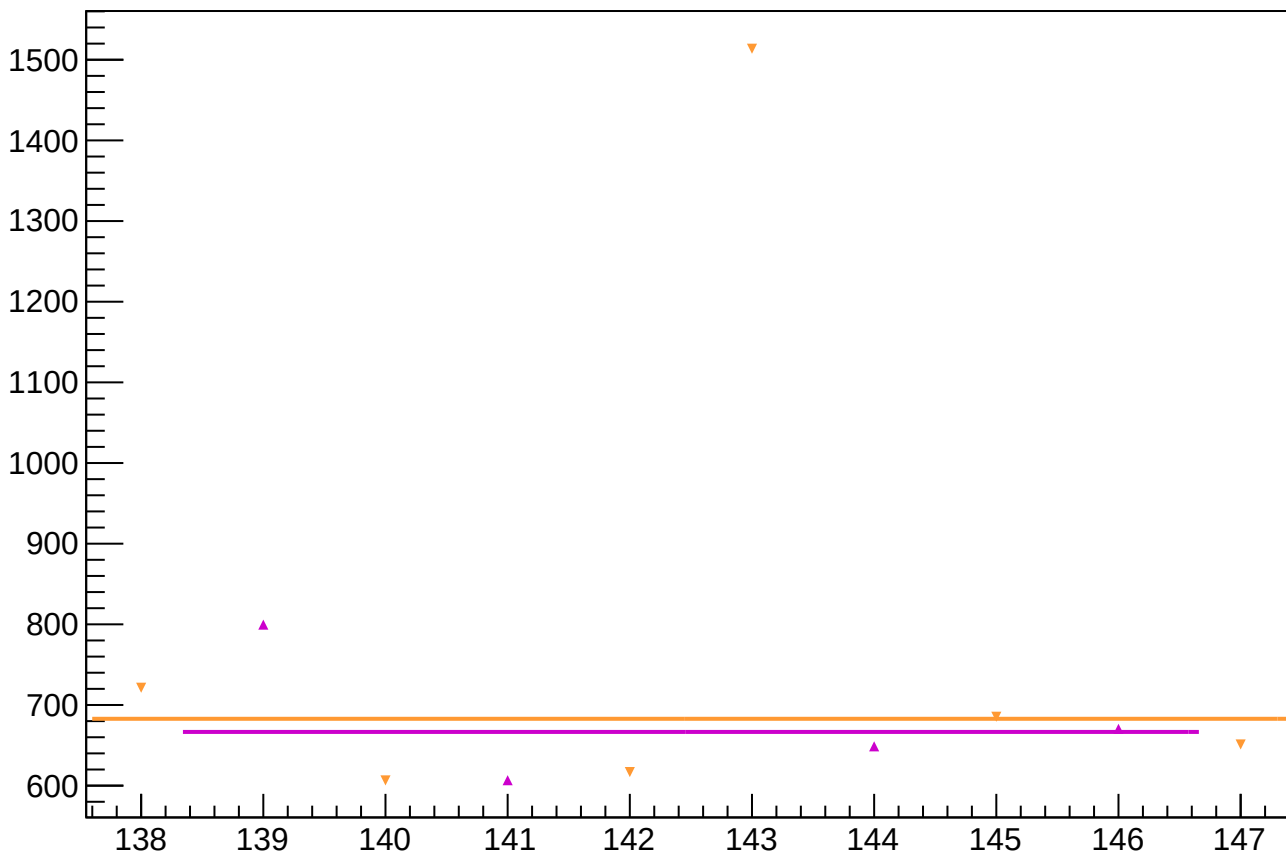
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -135.075+/-368.601 χ^2/NDF :1.3/3

Out: 329.714+/-345.772 χ^2/NDF :18.8/5

All: 112.158+/-252.182 χ^2/NDF : 21.0/9

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 682.888+/-0.244 χ^2/NDF :441075.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 666.597+/-0.261 χ^2/NDF :61692.9/3

Left: 675.263+/-0.178 χ^2/NDF : 504846.8/9

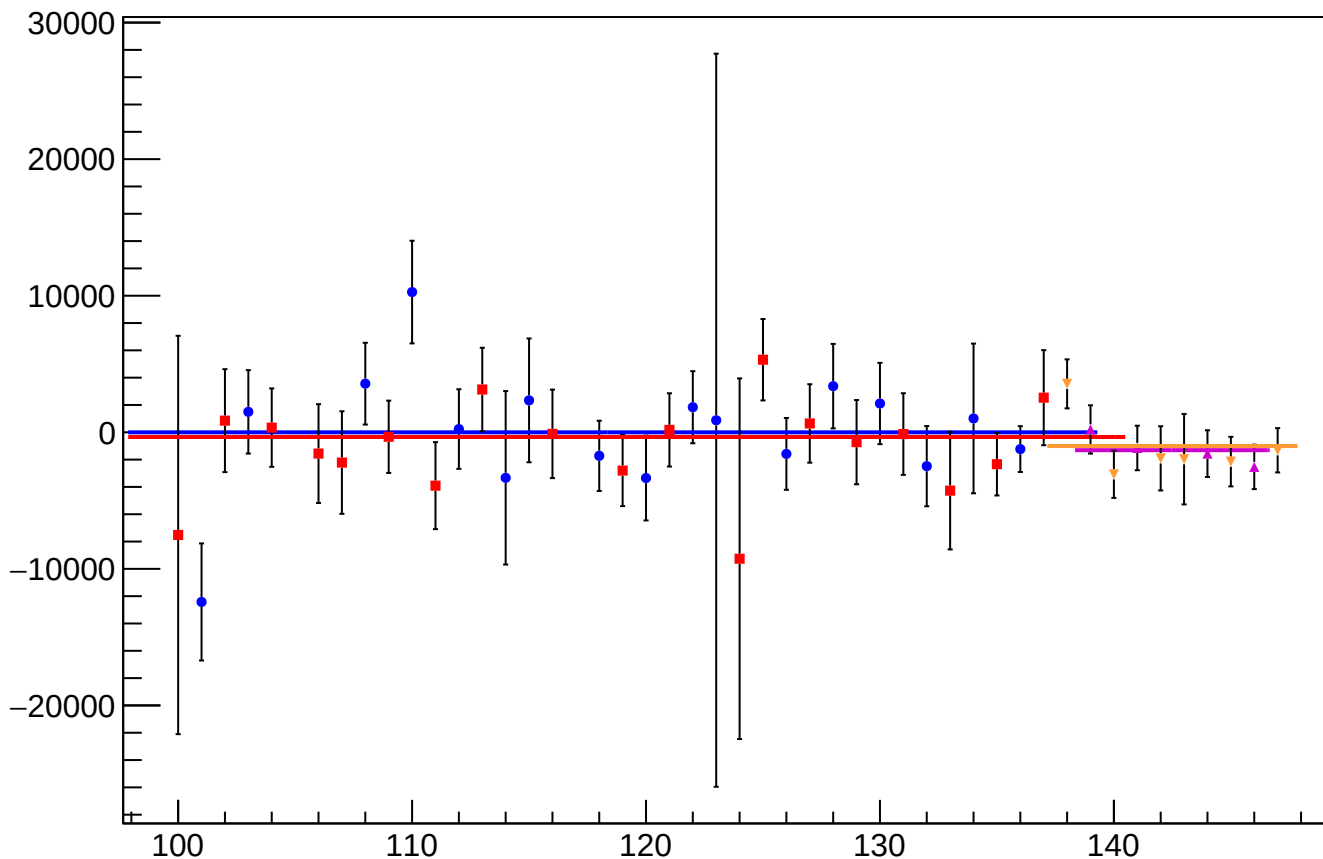
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 666.597+/-0.261 χ^2/NDF :61692.9/3

Out: 682.888+/-0.244 χ^2/NDF :441075.7/5

All: 675.263+/-0.178 χ^2/NDF : 504846.8/9

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204 ± 745.061 χ^2/NDF : 23.5/16

Left Out: -1005.065 ± 789.947 χ^2/NDF : 8.5/5

Right Out: -345.148 ± 733.723 χ^2/NDF : 10.7/18

Left In: -1309.224 ± 840.274 χ^2/NDF : 1.3/3

Left: -1147.763 ± 575.547 χ^2/NDF : 9.9/9

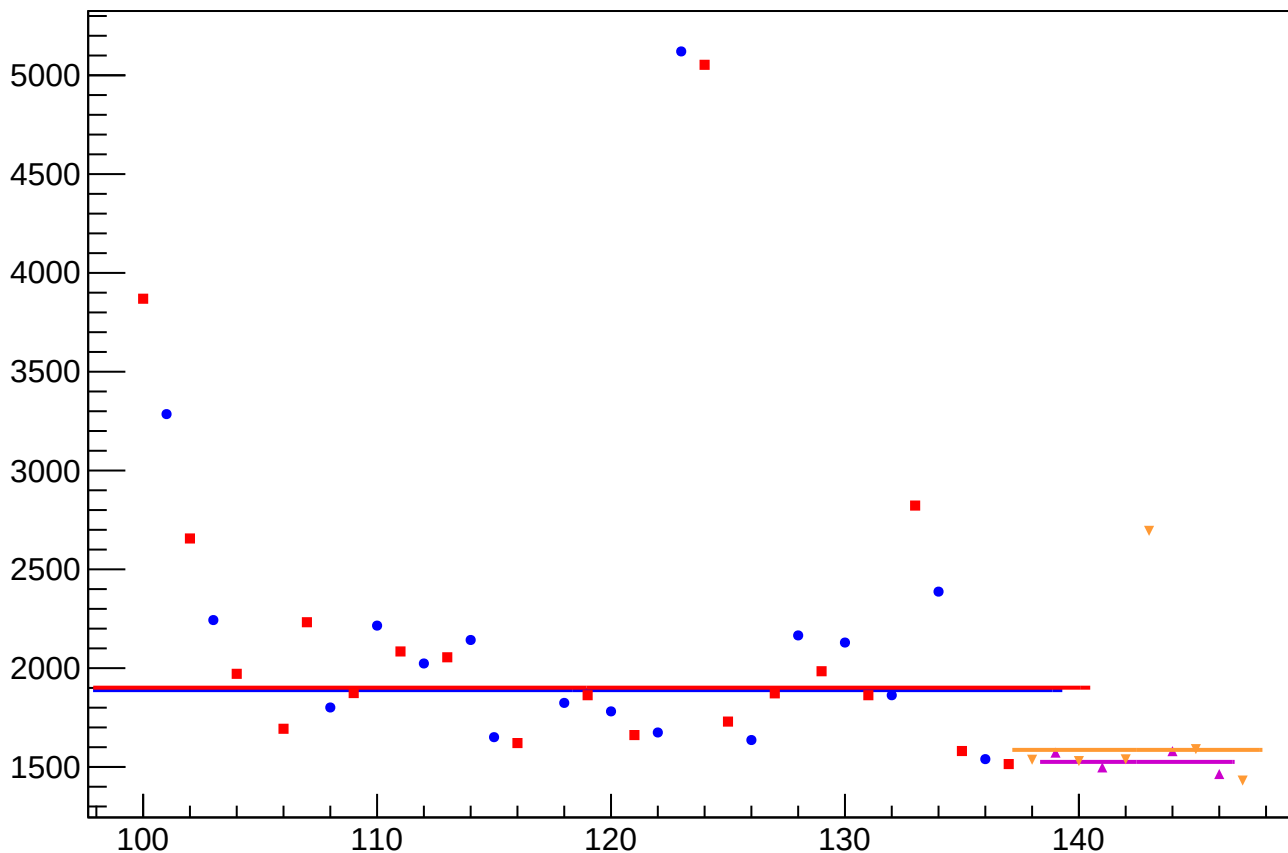
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

In: -577.498 ± 557.474 χ^2/NDF : 26.2/20

Out: -650.788 ± 537.599 χ^2/NDF : 19.6/24

All: -615.473 ± 386.976 χ^2/NDF : 45.8/45

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1586.440+/-0.559 χ^2/NDF : 246942.8/5

Right Out: 1901.248+/-0.519 χ^2/NDF : 461424.3/18

Left In: 1525.662+/-0.594 χ^2/NDF : 6863.4/3

Left: 1557.925+/-0.407 χ^2/NDF : 259360.8/9

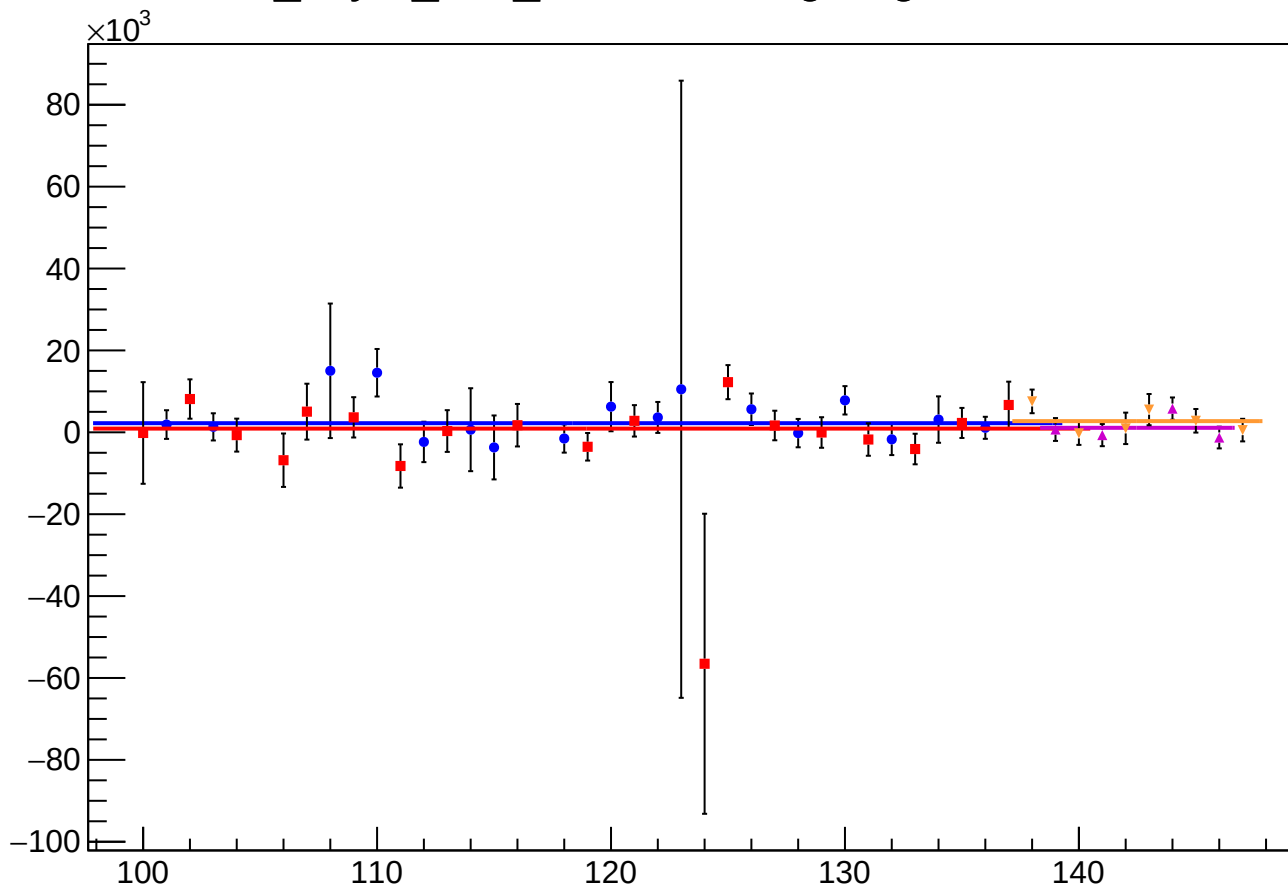
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

In: 1728.969+/-0.394 χ^2/NDF : 681840.5/20

Out: 1755.447+/-0.380 χ^2/NDF : 878891.3/24

All: 1742.688+/-0.274 χ^2/NDF : 1563069.6/45

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517 $\pm$ 1039.288 χ^2/NDF : 13.6/16

Left Out: 2730.228 $\pm$ 1255.282 χ^2/NDF : 5.3/5

Right Out: 907.837 $\pm$ 1046.878 χ^2/NDF : 22.9/18

Left In: 1097.504 $\pm$ 1359.869 χ^2/NDF : 4.2/3

Left: 1979.059 $\pm$ 922.379 χ^2/NDF : 10.3/9

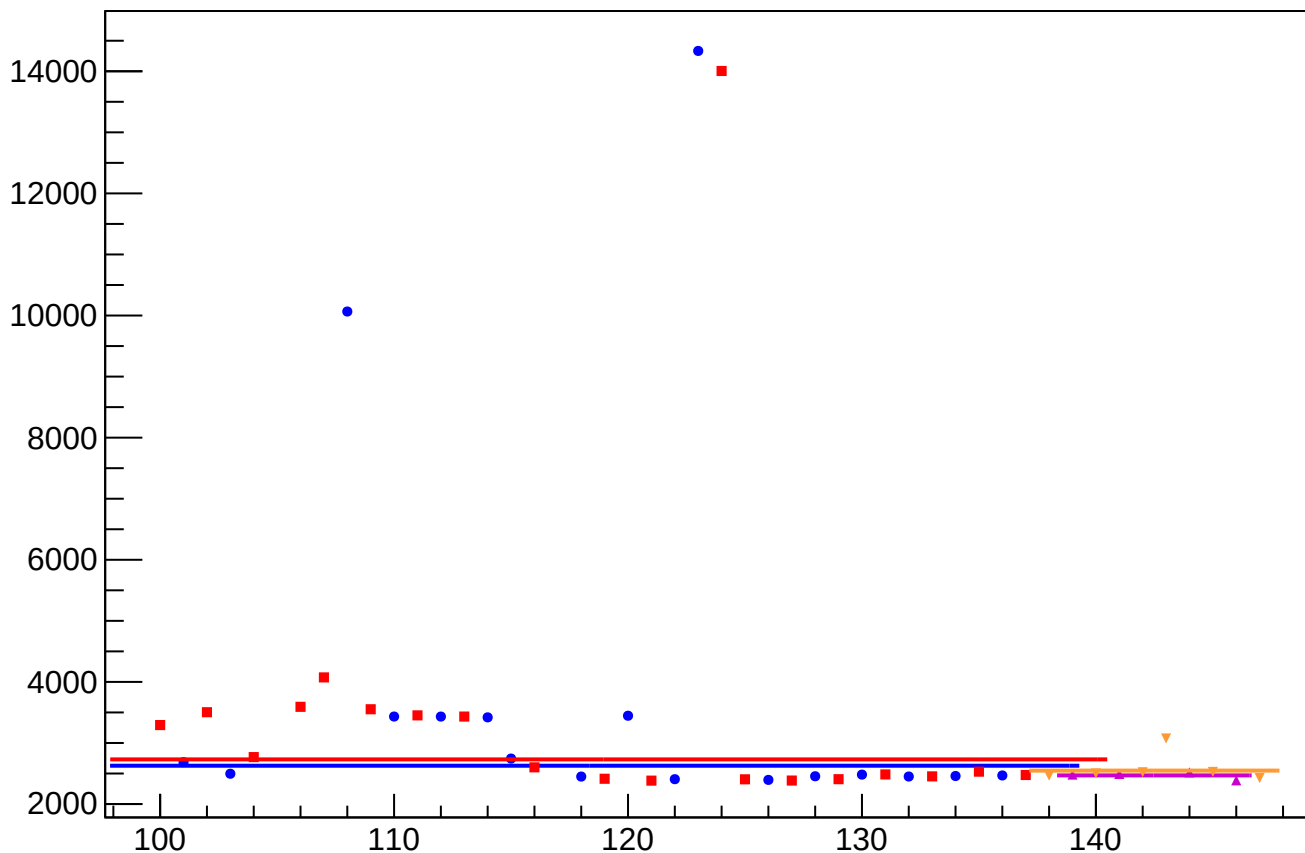
Right: 1572.479 $\pm$ 737.556 χ^2/NDF : 37.3/35

In: 1810.857 $\pm$ 825.746 χ^2/NDF : 18.2/20

Out: 1655.401 $\pm$ 803.979 χ^2/NDF : 29.4/24

All: 1731.053 $\pm$ 576.041 χ^2/NDF : 47.7/45

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF : 644396.7/16

Left Out: 2547.802+/-0.888 χ^2/NDF : 44331.8/5

Right Out: 2731.271+/-0.740 χ^2/NDF : 598207.5/18

Left In: 2469.232+/-0.962 χ^2/NDF : 2701.8/3

Left: 2511.654+/-0.652 χ^2/NDF : 50638.4/9

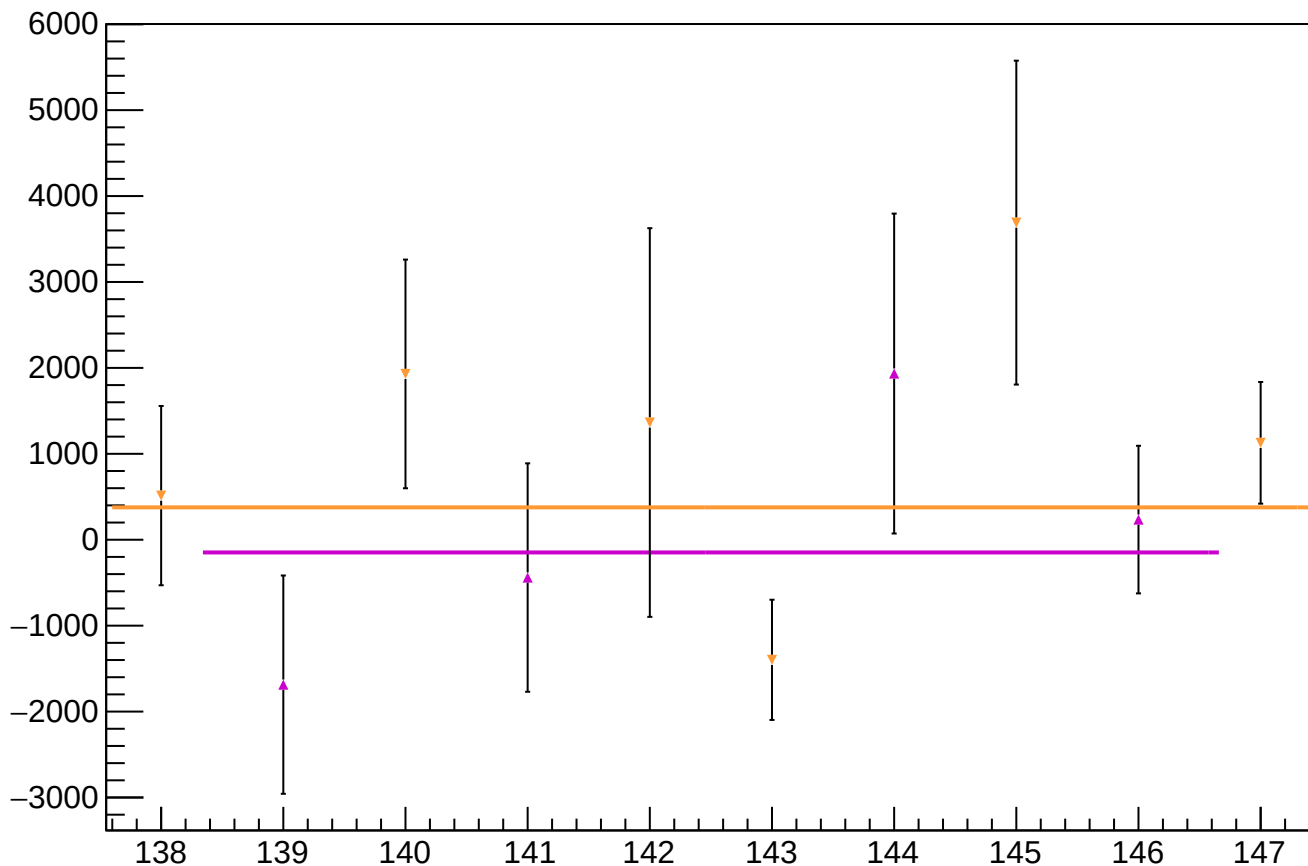
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

In: 2569.187+/-0.584 χ^2/NDF : 664215.5/20

Out: 2656.010+/-0.568 χ^2/NDF : 667737.4/24

All: 2613.758+/-0.407 χ^2/NDF : 1343303.6/45

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 376.799+/-408.278 χ^2/NDF :12.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -147.889+/-594.499 χ^2/NDF :3.0/3

Left: 208.644+/-336.555 χ^2/NDF : 15.7/9

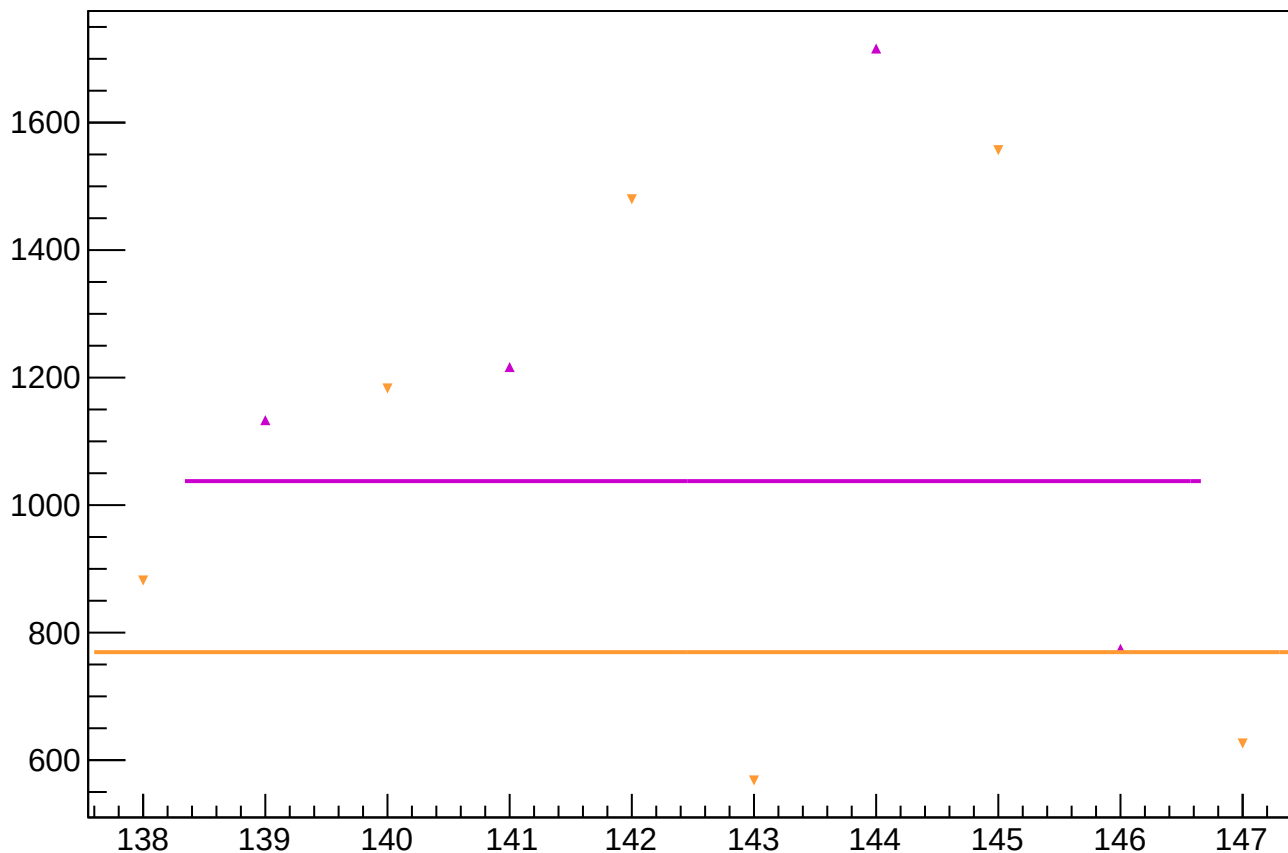
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -147.889+/-594.499 χ^2/NDF :3.0/3

Out: 376.799+/-408.278 χ^2/NDF :12.2/5

All: 208.644+/-336.555 χ^2/NDF : 15.7/9

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 769.382+/-0.289 χ^2/NDF :1010120.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1037.653+/-0.420 χ^2/NDF :500639.6/3

Left: 855.359+/-0.238 χ^2/NDF : 1787501.5/9

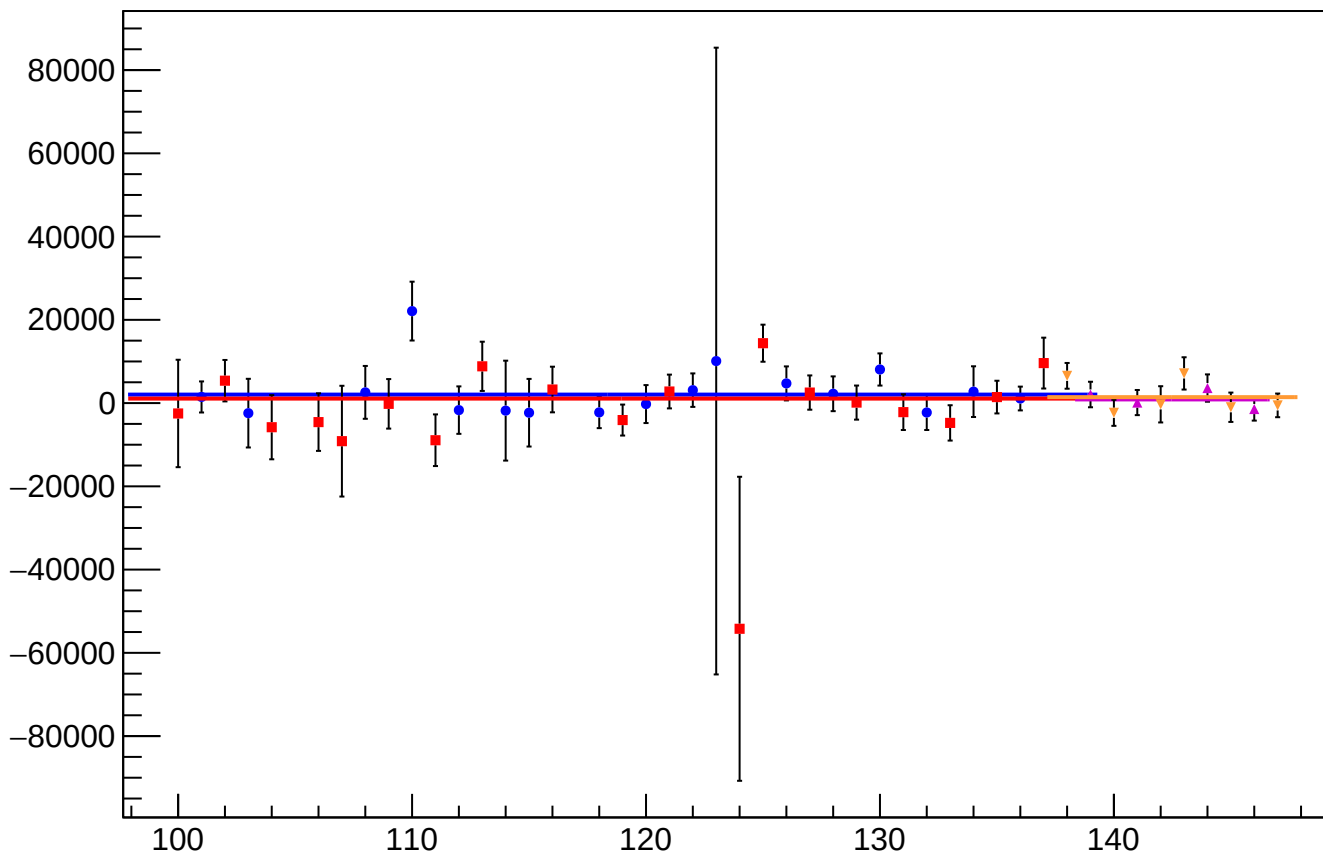
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1037.653+/-0.420 χ^2/NDF :500639.6/3

Out: 769.382+/-0.289 χ^2/NDF :1010120.7/5

All: 855.359+/-0.238 χ^2/NDF : 1787501.5/9

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16

Left Out: 1425.986+/-1373.523 χ^2/NDF : 7.5/5

Right Out: 1080.125+/-1186.666 χ^2/NDF : 25.3/18

Left In: 878.778+/-1510.692 χ^2/NDF : 1.6/3

Left: 1178.348+/-1016.269 χ^2/NDF : 9.1/9

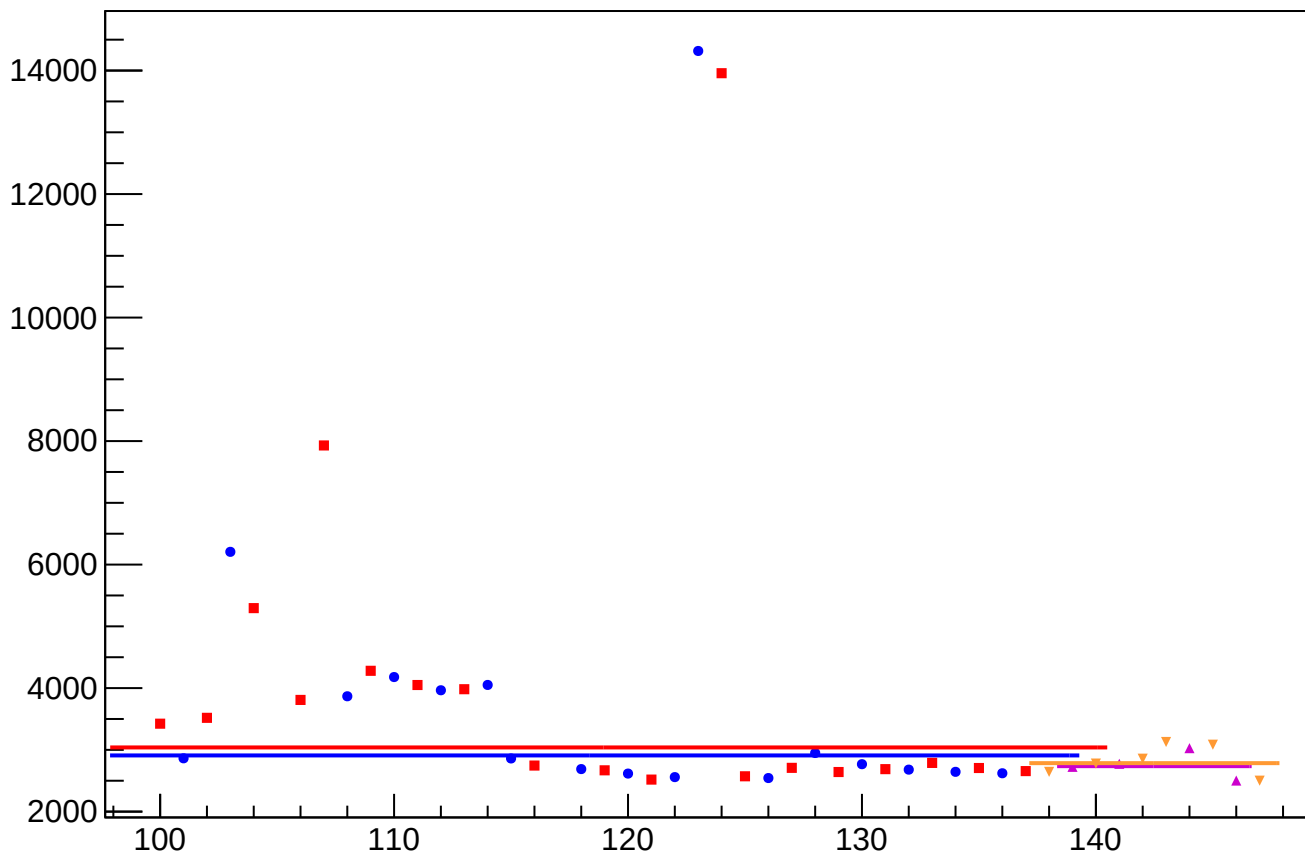
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

In: 1611.912+/-915.754 χ^2/NDF : 16.8/20

Out: 1227.947+/-897.953 χ^2/NDF : 32.8/24

All: 1416.161+/-641.150 χ^2/NDF : 49.7/45

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732 $\pm$ 0.814 χ^2 /NDF: 641894.7/16

Left Out: 2784.856 $\pm$ 0.971 χ^2 /NDF: 54680.9/5

Right Out: 3039.118 $\pm$ 0.839 χ^2 /NDF: 1011306.5/18

Left In: 2736.155 $\pm$ 1.068 χ^2 /NDF: 30175.5/3

Left: 2762.816 $\pm$ 0.719 χ^2 /NDF: 85994.2/9

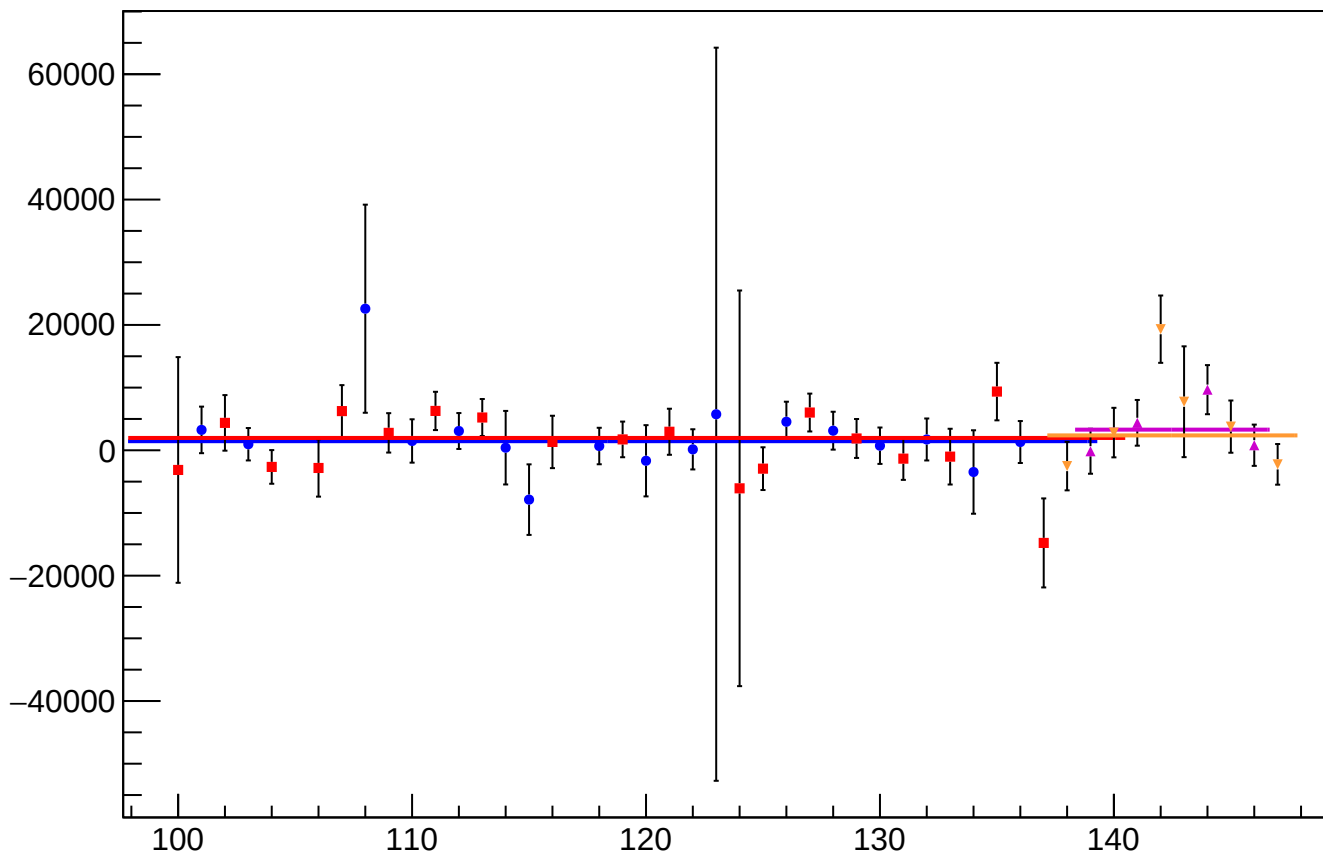
Right: 2972.475 $\pm$ 0.584 χ^2 /NDF: 1665447.8/35

In: 2845.950 $\pm$ 0.648 χ^2 /NDF: 688771.6/20

Out: 2930.446 $\pm$ 0.635 χ^2 /NDF: 1105231.4/24

All: 2889.027 $\pm$ 0.453 χ^2 /NDF: 1802683.6/45

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF : 7.4/16

Left Out: 2375.023+/-1738.190 χ^2/NDF :14.1/5

Right Out: 1969.182+/-850.490 χ^2/NDF : 22.4/18

Left In: 3294.352+/-1795.184 χ^2/NDF :4.2/3

Left: 2819.863+/-1248.749 χ^2/NDF : 18.5/9

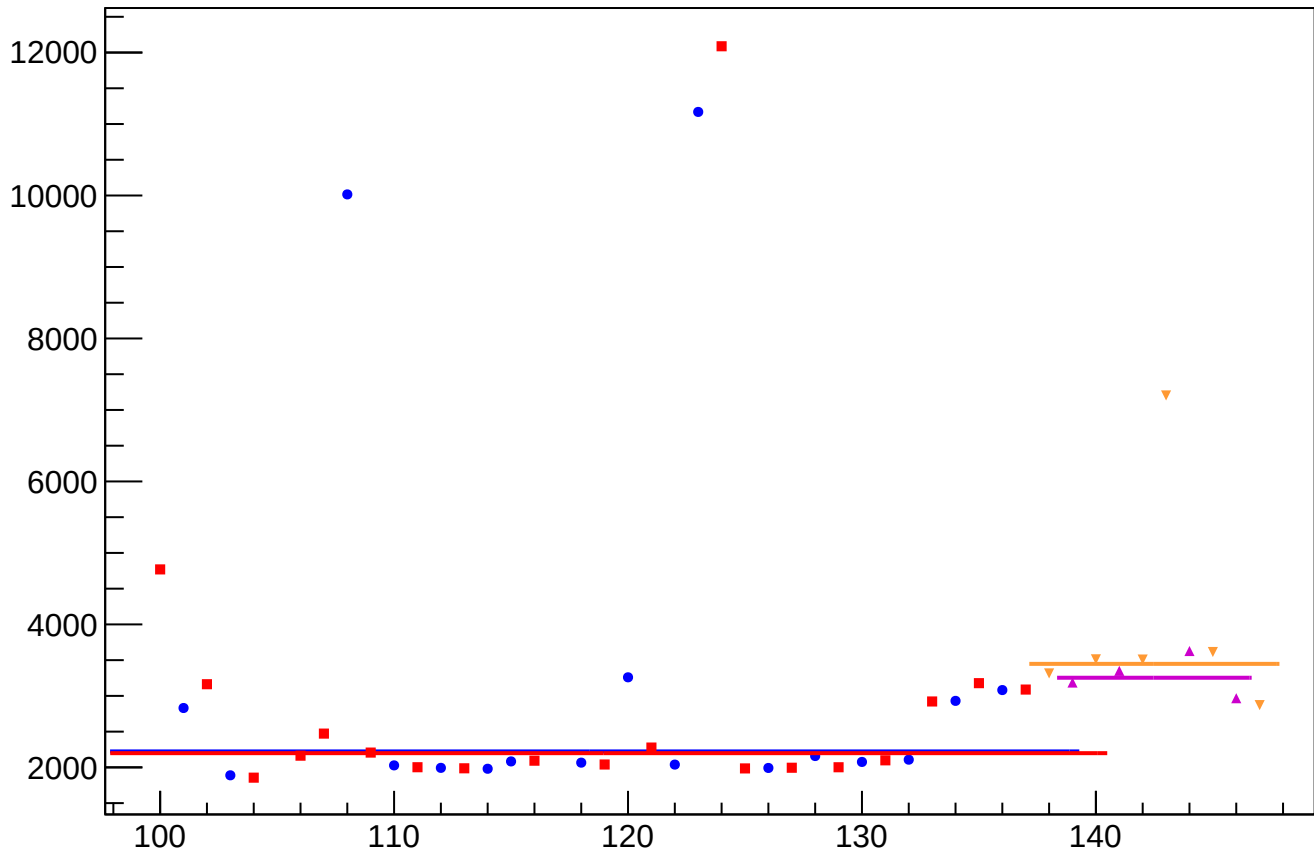
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

In: 1814.822+/-796.671 χ^2/NDF :12.5/20

Out: 2047.576+/-763.944 χ^2/NDF :36.5/24

All: 1936.078+/-551.397 χ^2/NDF : 49.0/45

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 ± 0.629 $\chi^2/\text{NDF}: 850289.4/16$

Left Out: 3447.976 ± 1.229 $\chi^2/\text{NDF}: 430453.0/5$

Right Out: 2198.760 ± 0.601 $\chi^2/\text{NDF}: 602418.1/18$

Left In: 3253.797 ± 1.269 $\chi^2/\text{NDF}: 35467.1/3$

Left: 3354.018 ± 0.883 $\chi^2/\text{NDF}: 477997.4/9$

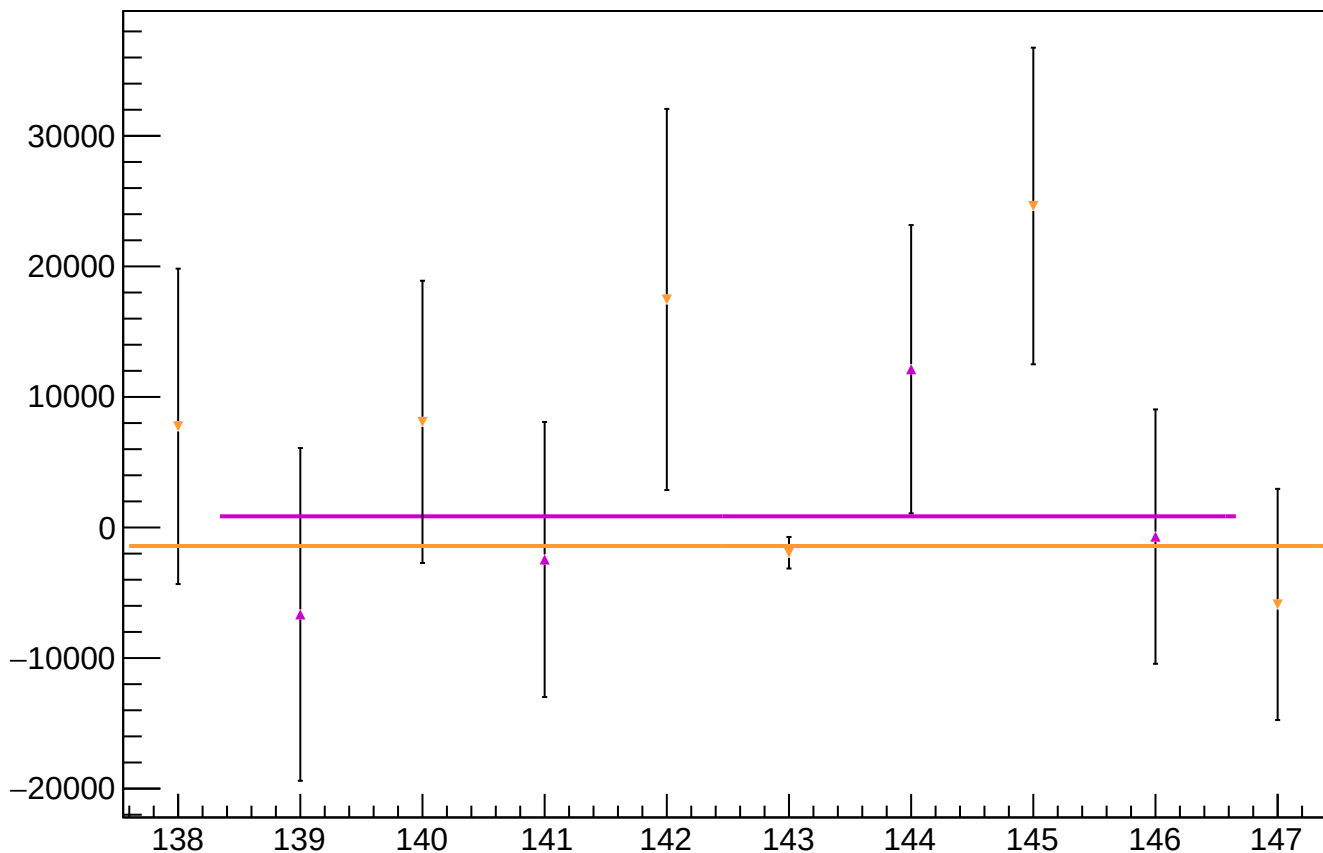
Right: 2210.398 ± 0.434 $\chi^2/\text{NDF}: 1453492.9/35$

In: 2426.114 ± 0.563 $\chi^2/\text{NDF}: 1415168.8/20$

Out: 2439.783 ± 0.540 $\chi^2/\text{NDF}: 1866584.7/24$

All: 2433.239 ± 0.390 $\chi^2/\text{NDF}: 3282060.4/45$

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1416.967+/-1175.111 χ^2/NDF : 8.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.085+/-5431.136 χ^2/NDF : 1.5/3

Left: -1315.270+/-1148.535 χ^2/NDF : 9.8/9

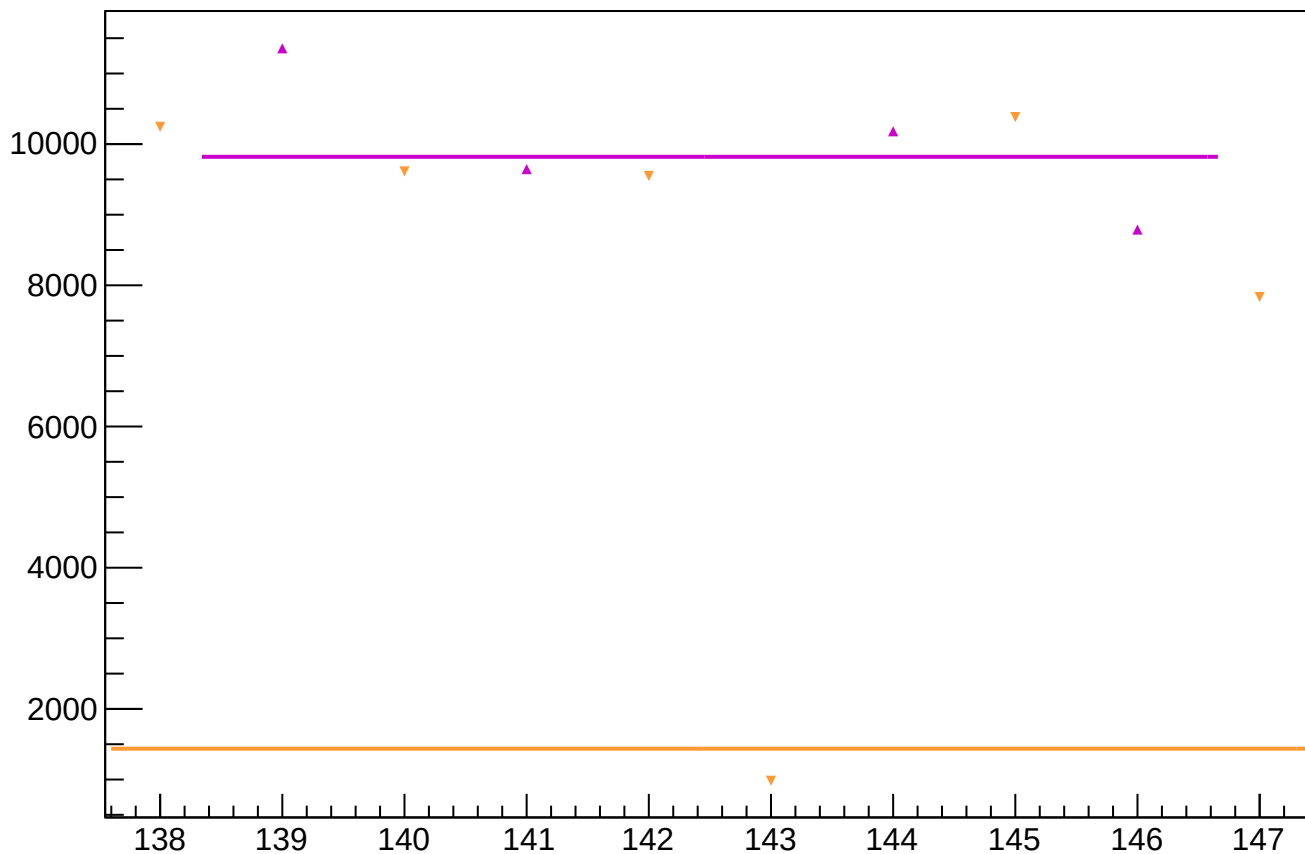
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.085+/-5431.136 χ^2/NDF : 1.5/3

Out: -1416.967+/-1175.111 χ^2/NDF : 8.1/5

All: -1315.270+/-1148.535 χ^2/NDF : 9.8/9

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1436.855+/-0.831 χ^2/NDF :5239097.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9820.104+/-3.840 χ^2/NDF :54136.8/3

Left: 1811.759+/-0.812 χ^2/NDF : 9845251.7/9

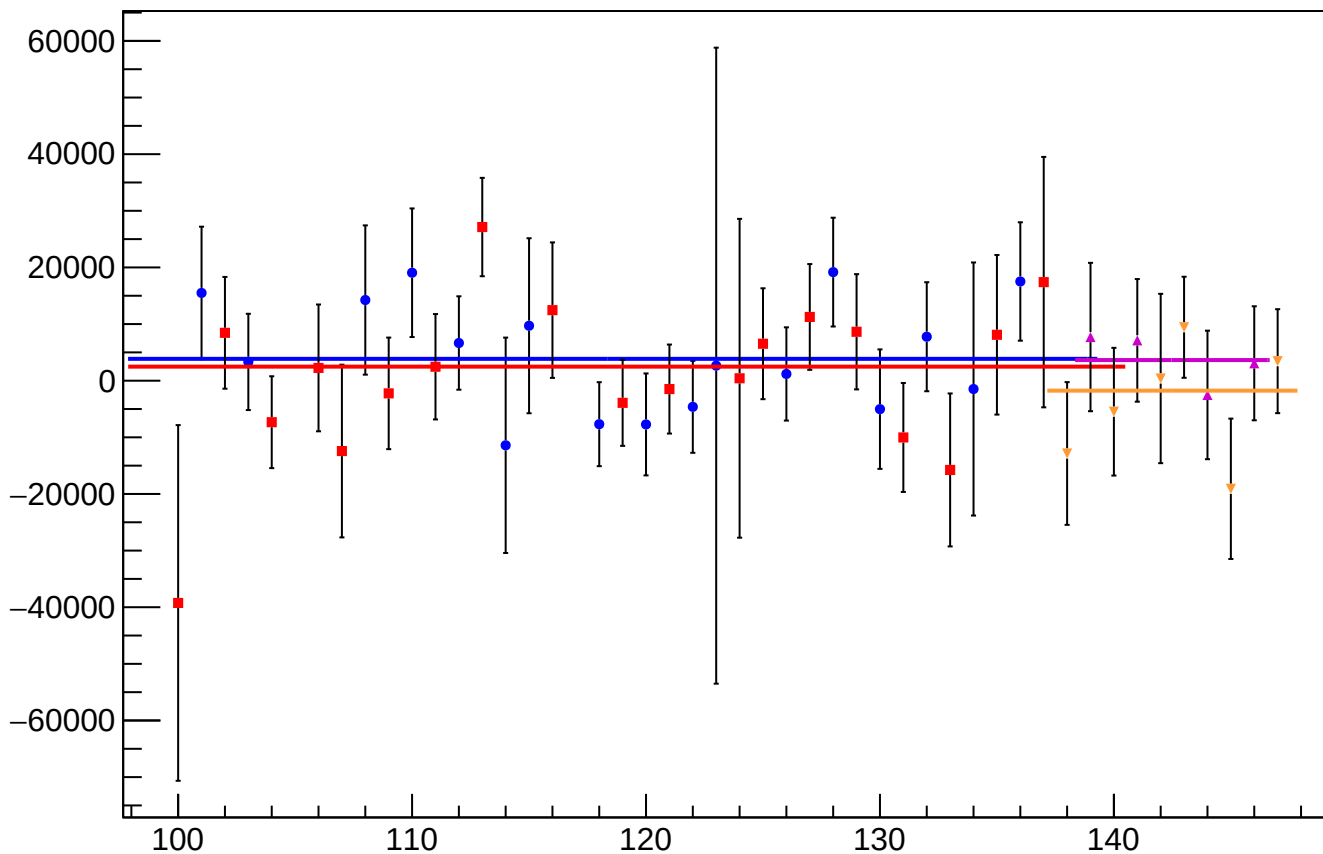
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9820.104+/-3.840 χ^2/NDF :54136.8/3

Out: 1436.855+/-0.831 χ^2/NDF :5239097.9/5

All: 1811.759+/-0.812 χ^2/NDF : 9845251.7/9

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -1756.428 $\pm$ 4491.009 χ^2 /NDF: 4.8/5

Right Out: 2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

Left In: 3642.005 $\pm$ 5590.813 χ^2 /NDF: 0.5/3

Left: 360.811 $\pm$ 3501.273 χ^2 /NDF: 5.8/9

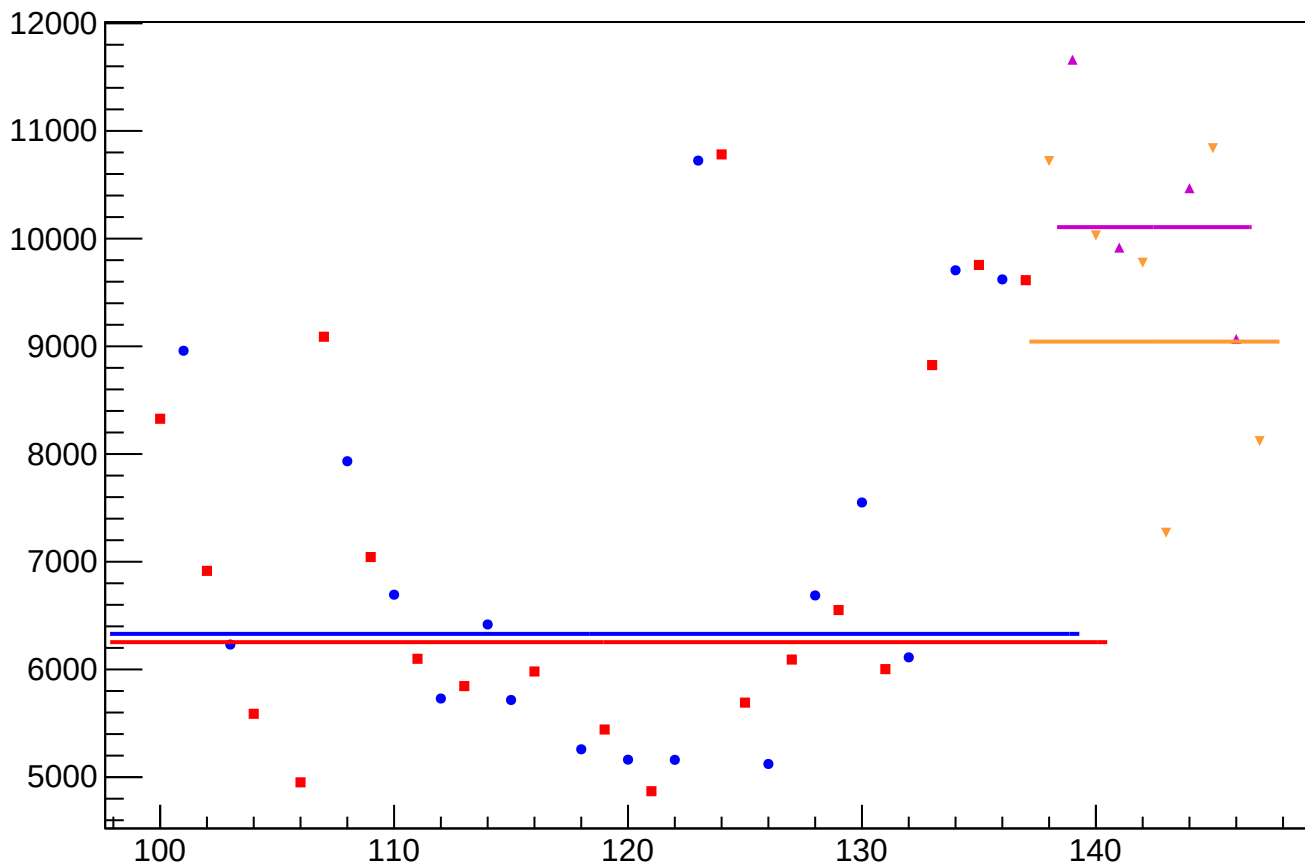
Right: 3146.972 $\pm$ 1742.228 χ^2 /NDF: 35.0/35

In: 3823.350 $\pm$ 2288.897 χ^2 /NDF: 15.3/20

Out: 1528.164 $\pm$ 2131.284 χ^2 /NDF: 25.5/24

All: 2594.021 $\pm$ 1559.791 χ^2 /NDF: 41.3/45

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291 $\pm$ 1.774 χ^2 /NDF: 593395.6/16

Left Out: 9043.875 $\pm$ 3.176 χ^2 /NDF:196812.5/5

Right Out: 6253.330 $\pm$ 1.712 χ^2 /NDF: 535355.5/18

Left In: 10106.781 $\pm$ 3.953 χ^2 /NDF:52102.7/3

Left: 9460.741 $\pm$ 2.476 χ^2 /NDF: 292852.6/9

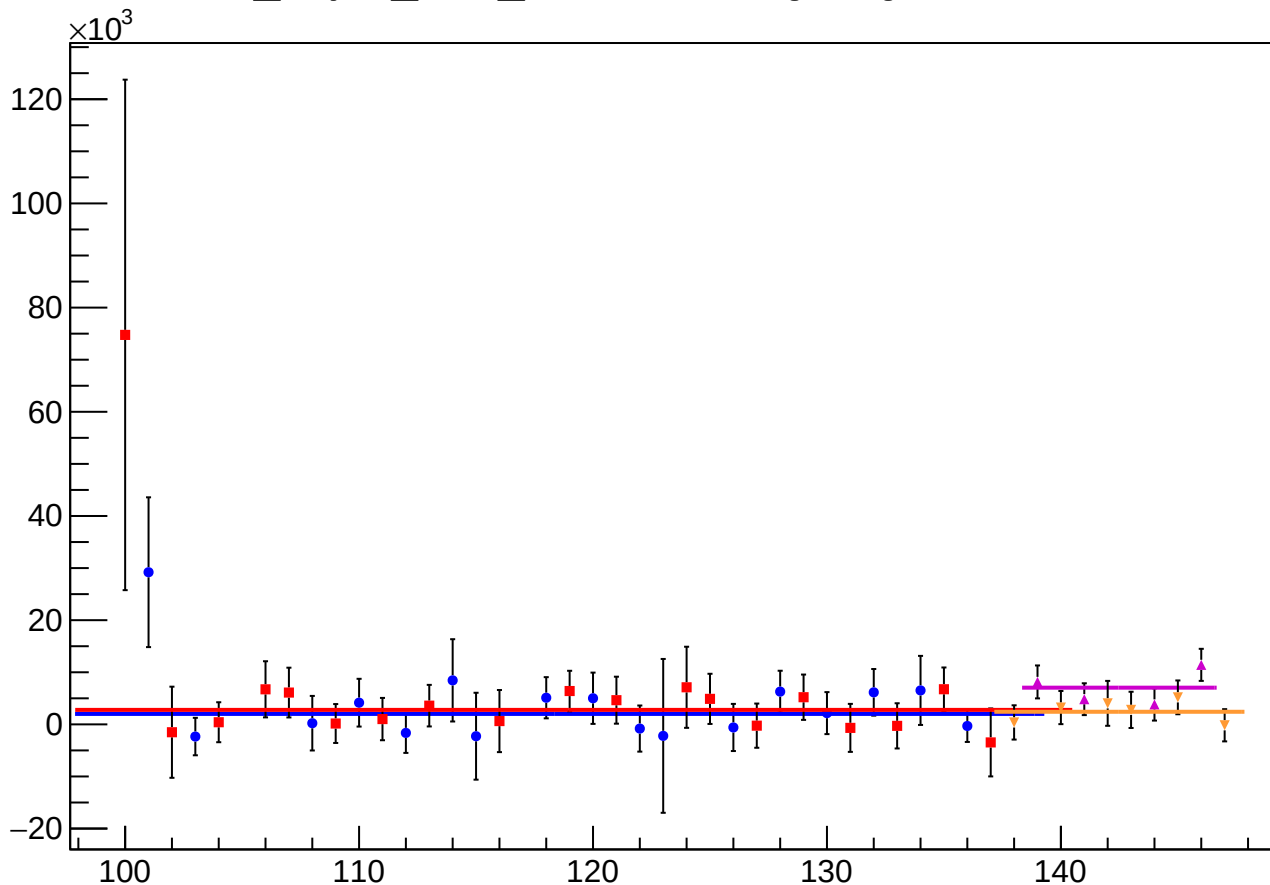
Right: 6290.444 $\pm$ 1.232 χ^2 /NDF: 1129725.5/35

In: 6963.267 $\pm$ 1.618 χ^2 /NDF:1405096.2/20

Out: 6881.754 $\pm$ 1.507 χ^2 /NDF:1330456.9/24

All: 6919.607 $\pm$ 1.103 χ^2 /NDF: 2736911.7/45

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383 $\pm$ 1134.240 χ^2/NDF : 12.1/16

Left Out: 2418.056 $\pm$ 1376.994 χ^2/NDF : 2.0/5

Right Out: 2781.006 $\pm$ 1086.164 χ^2/NDF : 9.9/18

Left In: 7044.906 $\pm$ 1548.510 χ^2/NDF : 3.8/3

Left: 4461.147 $\pm$ 1029.000 χ^2/NDF : 10.8/9

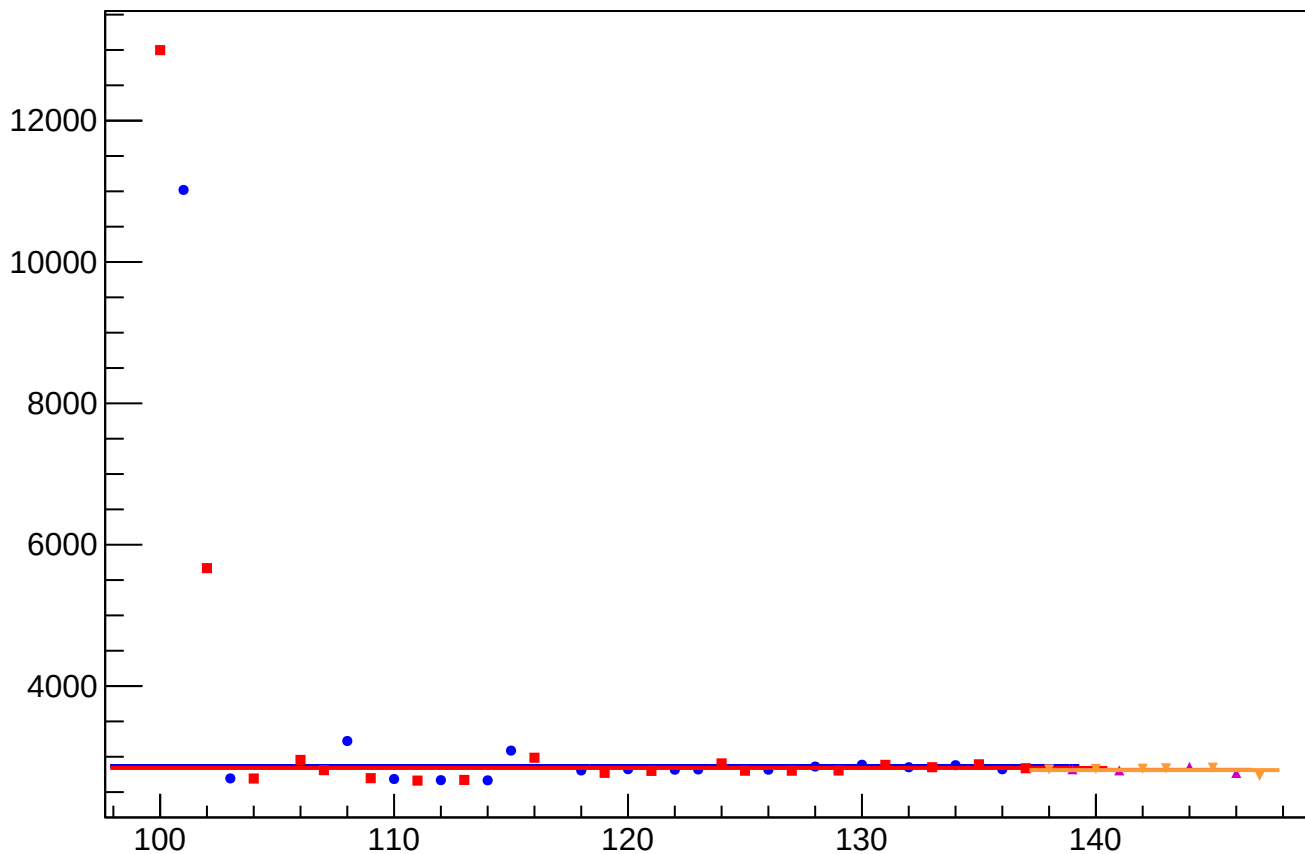
Right: 2409.980 $\pm$ 784.479 χ^2/NDF : 22.2/35

In: 3765.065 $\pm$ 915.032 χ^2/NDF : 22.7/20

Out: 2641.796 $\pm$ 852.793 χ^2/NDF : 12.0/24

All: 3163.933 $\pm$ 623.860 χ^2/NDF : 35.5/45

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2811.586+/-0.974 χ^2/NDF : 1861.2/5

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

Left In: 2814.460+/-1.095 χ^2/NDF : 821.5/3

Left: 2812.855+/-0.728 χ^2/NDF : 2686.5/9

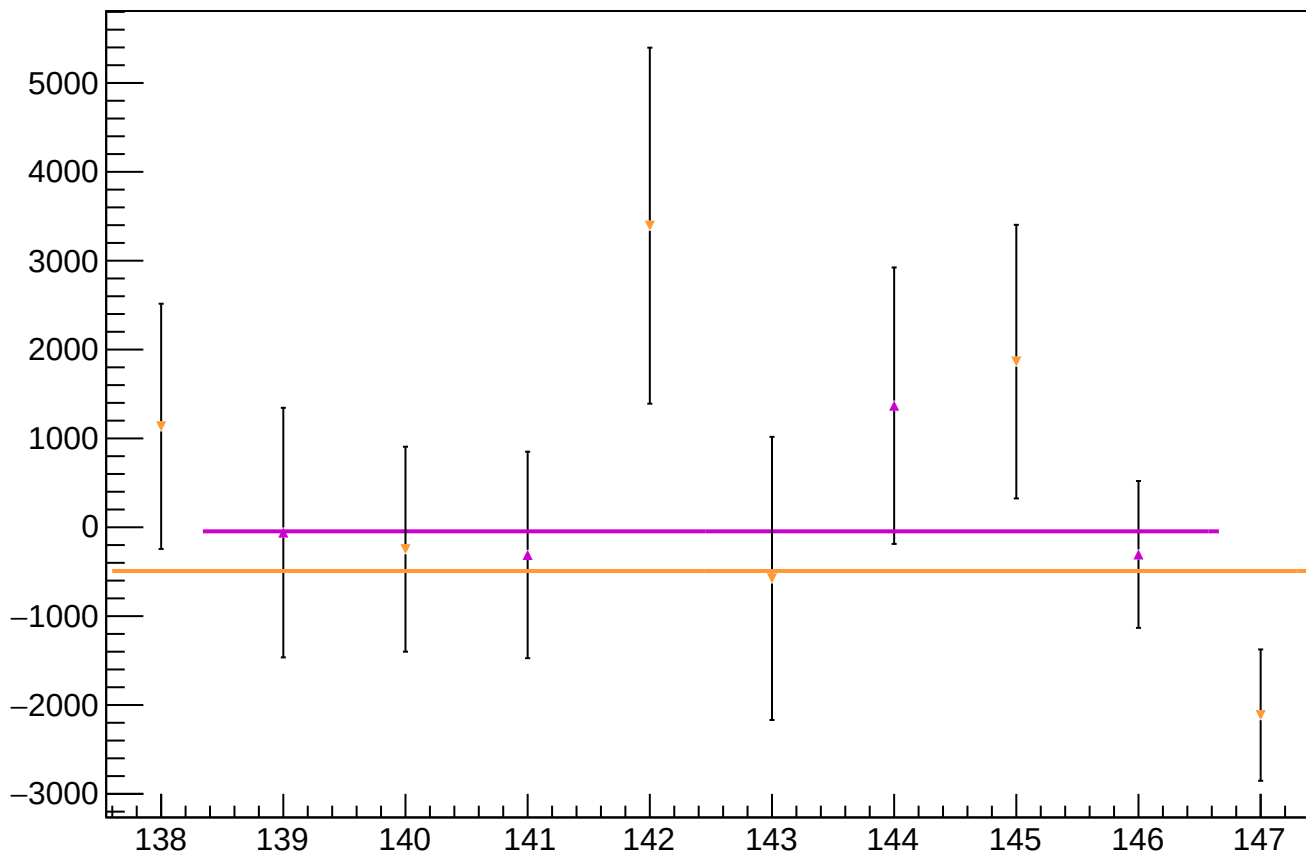
Right: 2854.781+/-0.555 χ^2/NDF : 983042.8/35

In: 2850.084+/-0.647 χ^2/NDF : 672348.4/20

Out: 2830.064+/-0.603 χ^2/NDF : 314968.4/24

All: 2839.370+/-0.441 χ^2/NDF : 987829.2/45

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -491.819+/-489.567 χ^2/NDF :12.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.651+/-565.657 χ^2/NDF :1.0/3

Left: -300.740+/-370.177 χ^2/NDF : 13.7/9

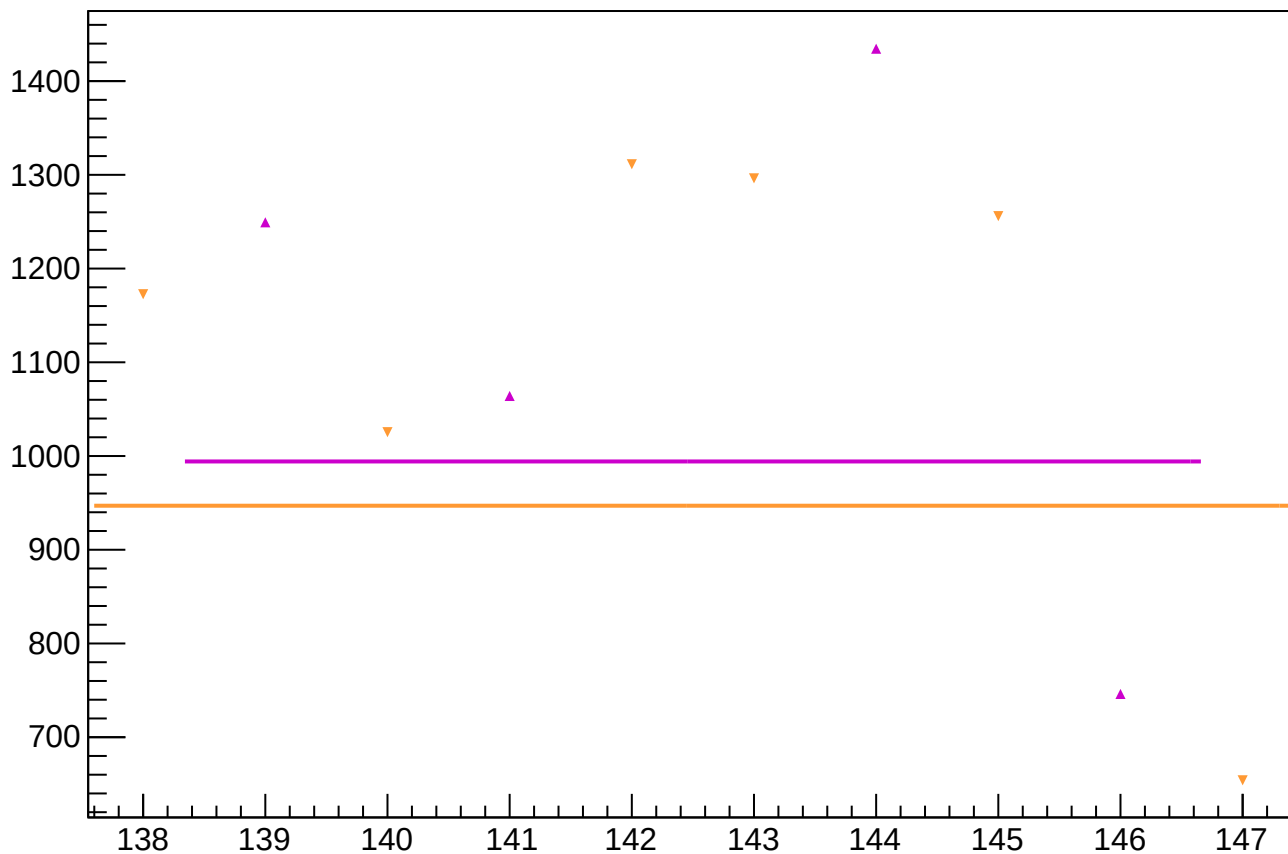
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.651+/-565.657 χ^2/NDF :1.0/3

Out: -491.819+/-489.567 χ^2/NDF :12.4/5

All: -300.740+/-370.177 χ^2/NDF : 13.7/9

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 946.978+/-0.346 χ^2/NDF : 619686.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 994.199+/-0.400 χ^2/NDF : 413671.0/3

Left: 967.201+/-0.262 χ^2/NDF : 1041326.3/9

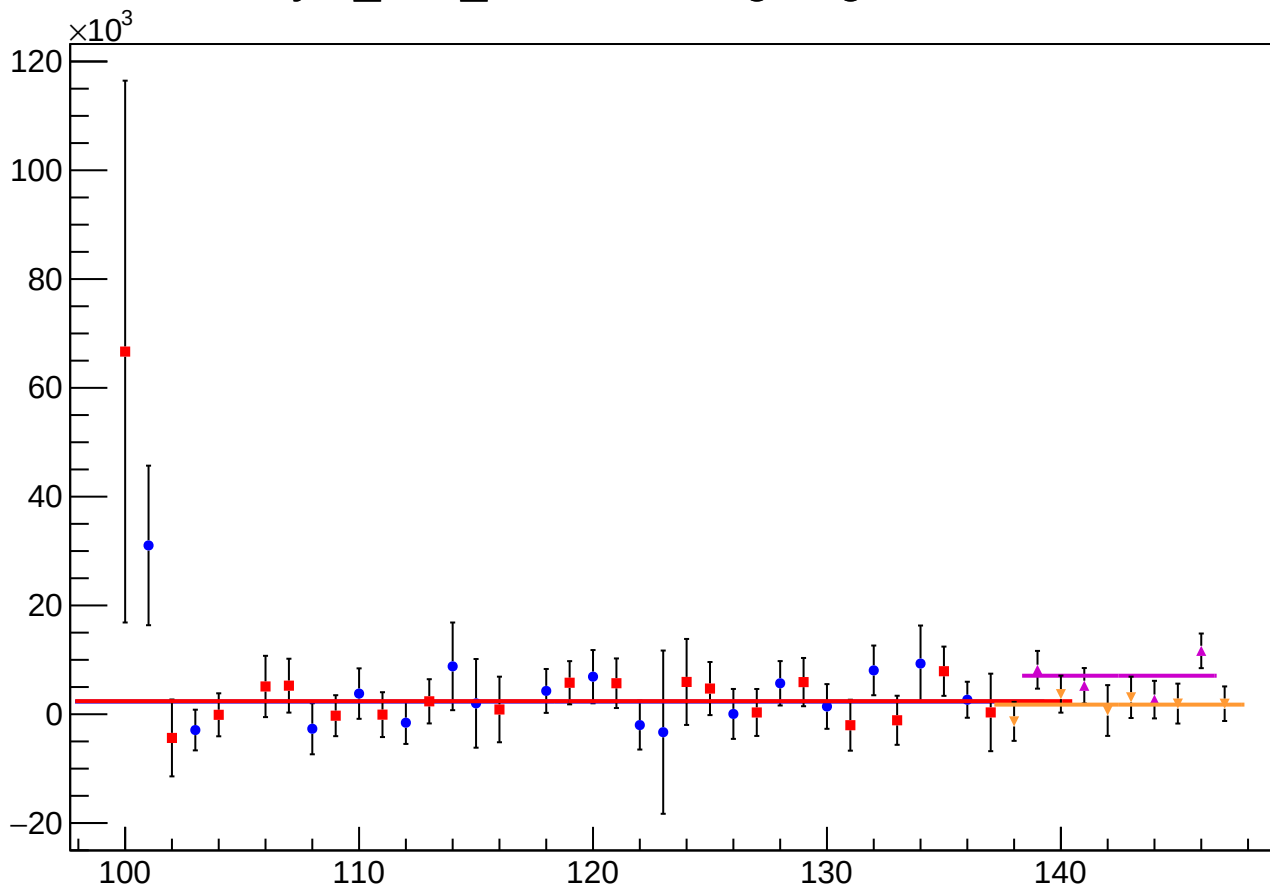
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 994.199+/-0.400 χ^2/NDF : 413671.0/3

Out: 946.978+/-0.346 χ^2/NDF : 619686.7/5

All: 967.201+/-0.262 χ^2/NDF : 1041326.3/9

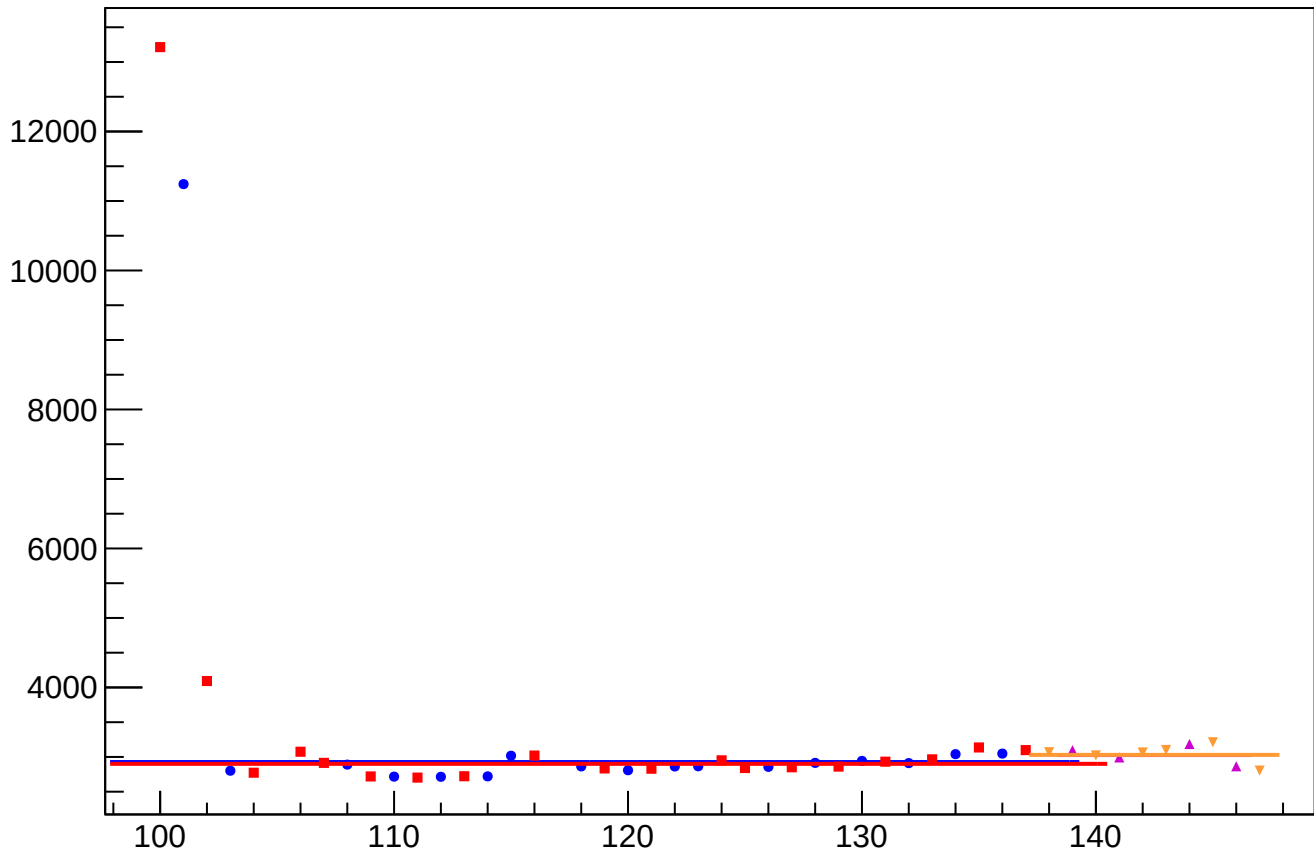
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134 $\pm$ 1156.555 χ^2 /NDF: 14.4/16
 Left Out: 1766.141 $\pm$ 1485.652 χ^2 /NDF:1.2/5
 Right Out: 2403.750 $\pm$ 1110.093 χ^2 /NDF: 10.1/18
 Left In: 7080.042 $\pm$ 1667.042 χ^2 /NDF:4.1/3

Left: 4118.364 $\pm$ 1109.122 χ^2 /NDF: 11.0/9
 Right: 2368.450 $\pm$ 800.876 χ^2 /NDF: 24.5/35
 In: 3873.516 $\pm$ 950.256 χ^2 /NDF:24.0/20
 Out: 2175.305 $\pm$ 889.264 χ^2 /NDF:11.4/24
 All: 2968.165 $\pm$ 649.297 χ^2 /NDF: 37.1/45

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3029.627+/-1.051 χ^2/NDF :16049.9/5

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

Left In: 3027.275+/-1.179 χ^2/NDF :10441.0/3

Left: 3028.586+/-0.784 χ^2/NDF : 26493.2/9

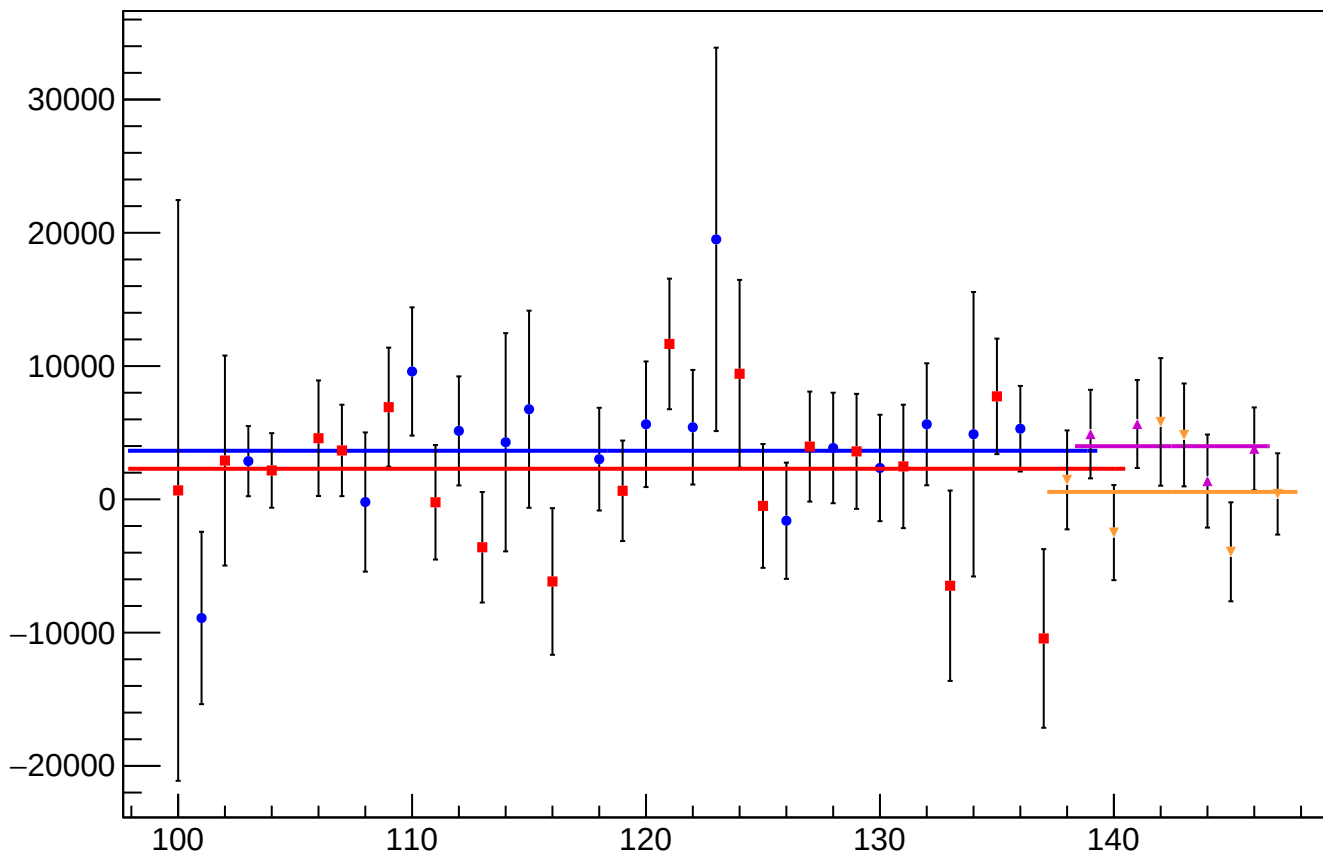
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2959.319+/-0.672 χ^2/NDF :678158.5/20

Out: 2946.974+/-0.629 χ^2/NDF :195563.1/24

All: 2952.738+/-0.459 χ^2/NDF : 873901.5/45

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2/NDF : 9.9/16

Left Out: 558.405 $\pm$ 1504.457 χ^2/NDF : 4.7/5

Right Out: 2295.846 $\pm$ 1046.865 χ^2/NDF : 18.4/18

Left In: 3988.631 $\pm$ 1648.149 χ^2/NDF : 0.9/3

Left: 2117.496 $\pm$ 1111.146 χ^2/NDF : 7.9/9

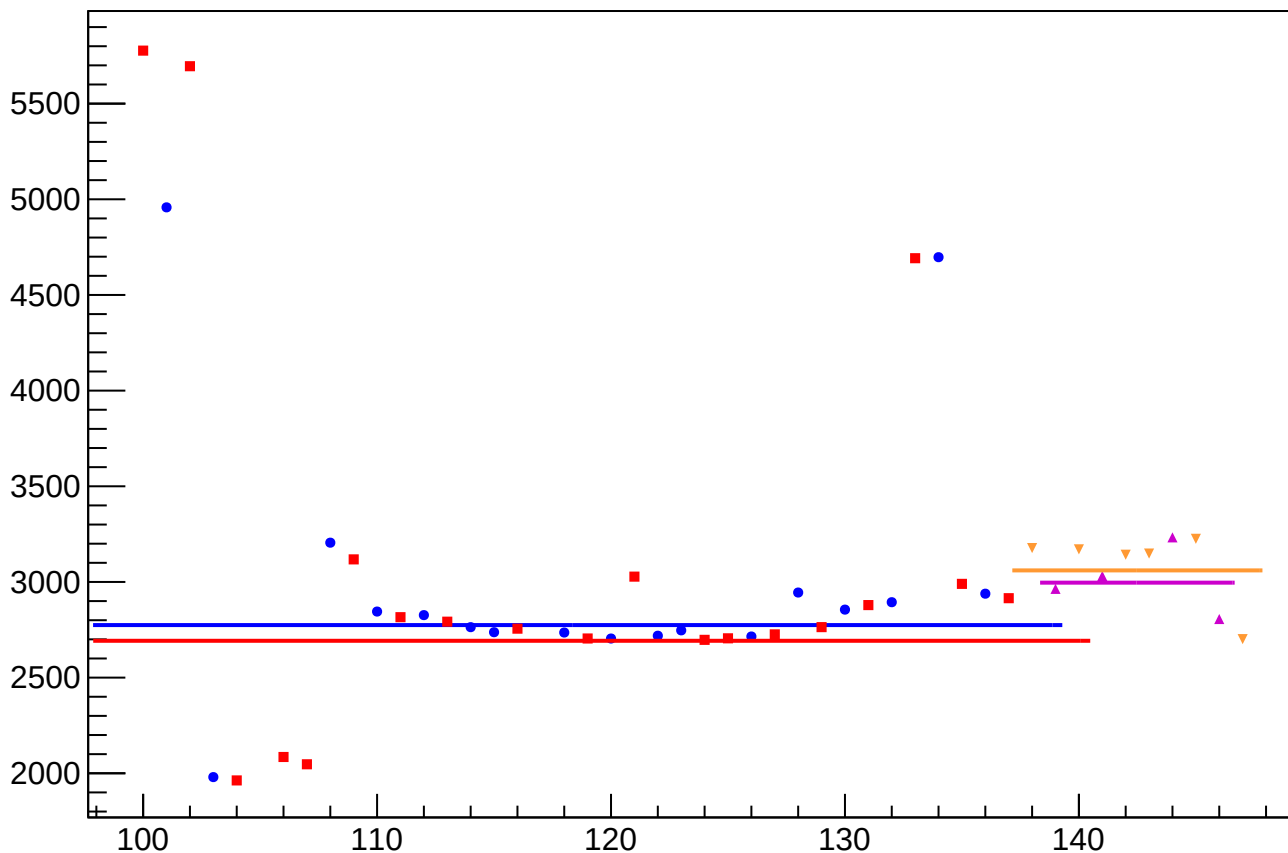
Right: 2942.410 $\pm$ 755.528 χ^2/NDF : 29.1/35

In: 3749.948 $\pm$ 910.022 χ^2/NDF : 10.8/20

Out: 1729.032 $\pm$ 859.300 χ^2/NDF : 24.0/24

All: 2681.603 $\pm$ 624.779 χ^2/NDF : 37.4/45

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 3060.378+/-1.064 χ^2/NDF : 37182.0/5

Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

Left In: 2996.314+/-1.165 χ^2/NDF : 17099.4/3

Left: 3031.260+/-0.786 χ^2/NDF : 55929.6/9

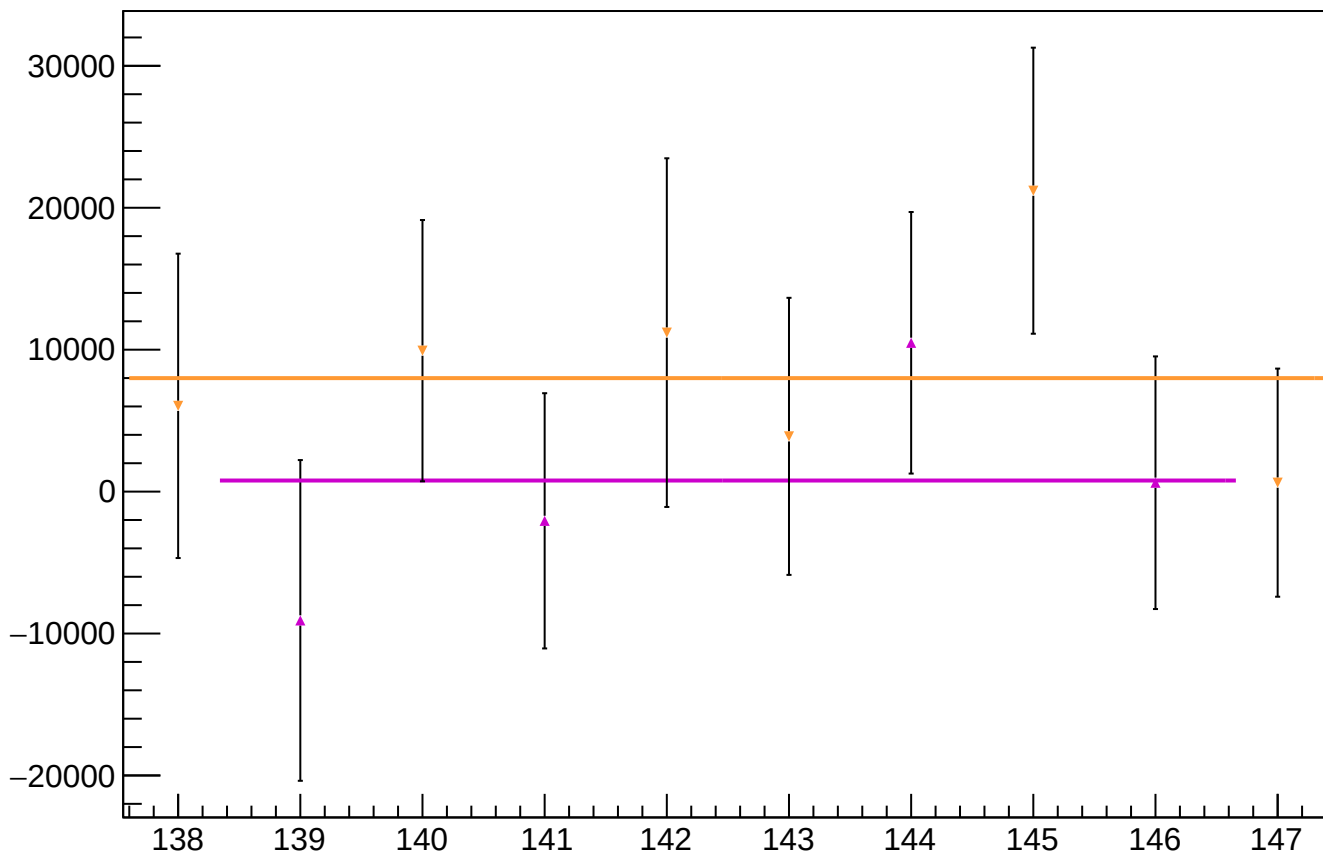
Right: 2731.837+/-0.534 χ^2/NDF : 1287844.4/35

In: 2842.206+/-0.643 χ^2/NDF : 543934.5/20

Out: 2812.468+/-0.607 χ^2/NDF : 898034.6/24

All: 2826.482+/-0.442 χ^2/NDF : 1443098.4/45

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7996.446+/-3985.748 χ^2/NDF :2.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 781.298+/-4735.066 χ^2/NDF :2.0/3

Left: 5004.276+/-3049.275 χ^2/NDF : 6.2/9

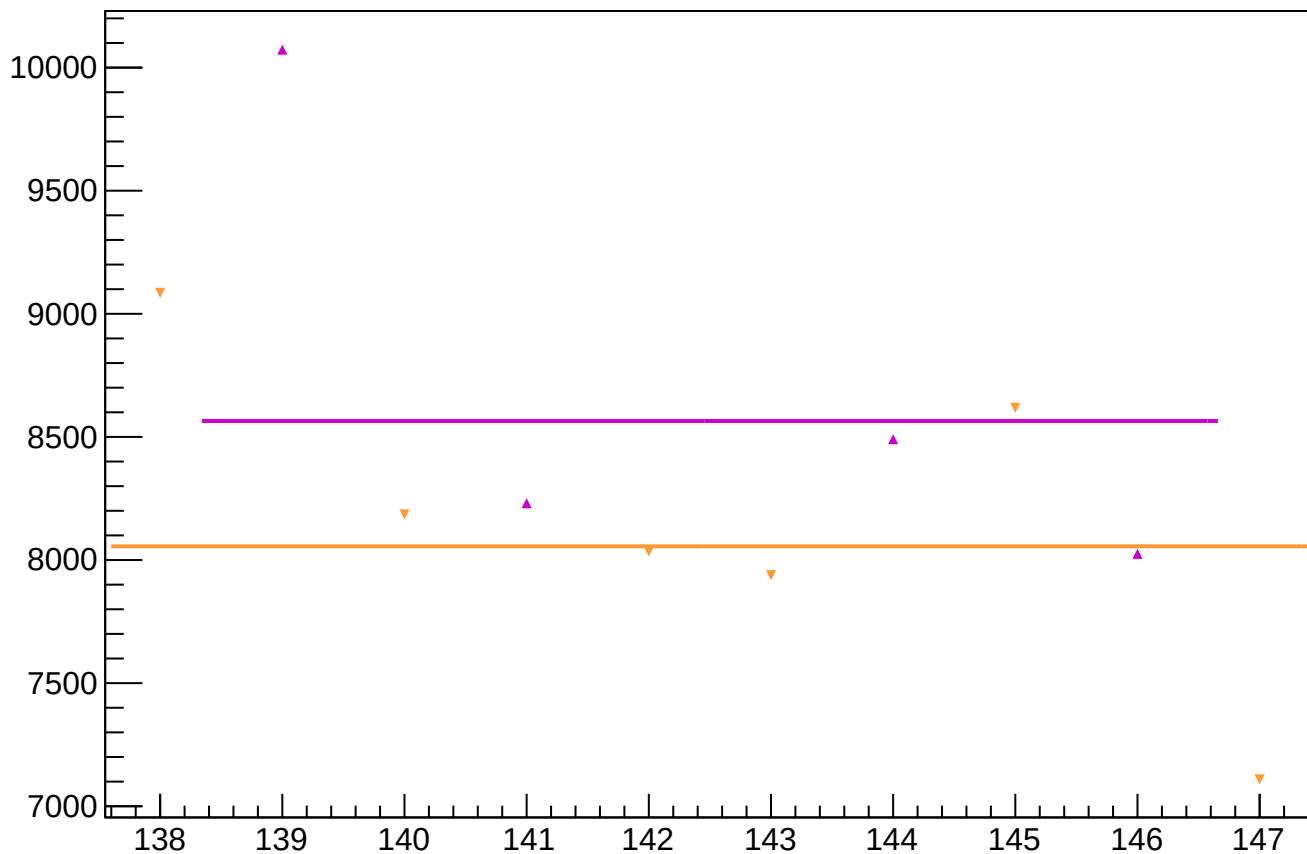
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 781.298+/-4735.066 χ^2/NDF :2.0/3

Out: 7996.446+/-3985.748 χ^2/NDF :2.9/5

All: 5004.276+/-3049.275 χ^2/NDF : 6.2/9

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8055.560+/-2.818 χ^2/NDF : 53103.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8564.825+/-3.348 χ^2/NDF : 45866.9/3

Left: 8266.756+/-2.156 χ^2/NDF : 112510.8/9

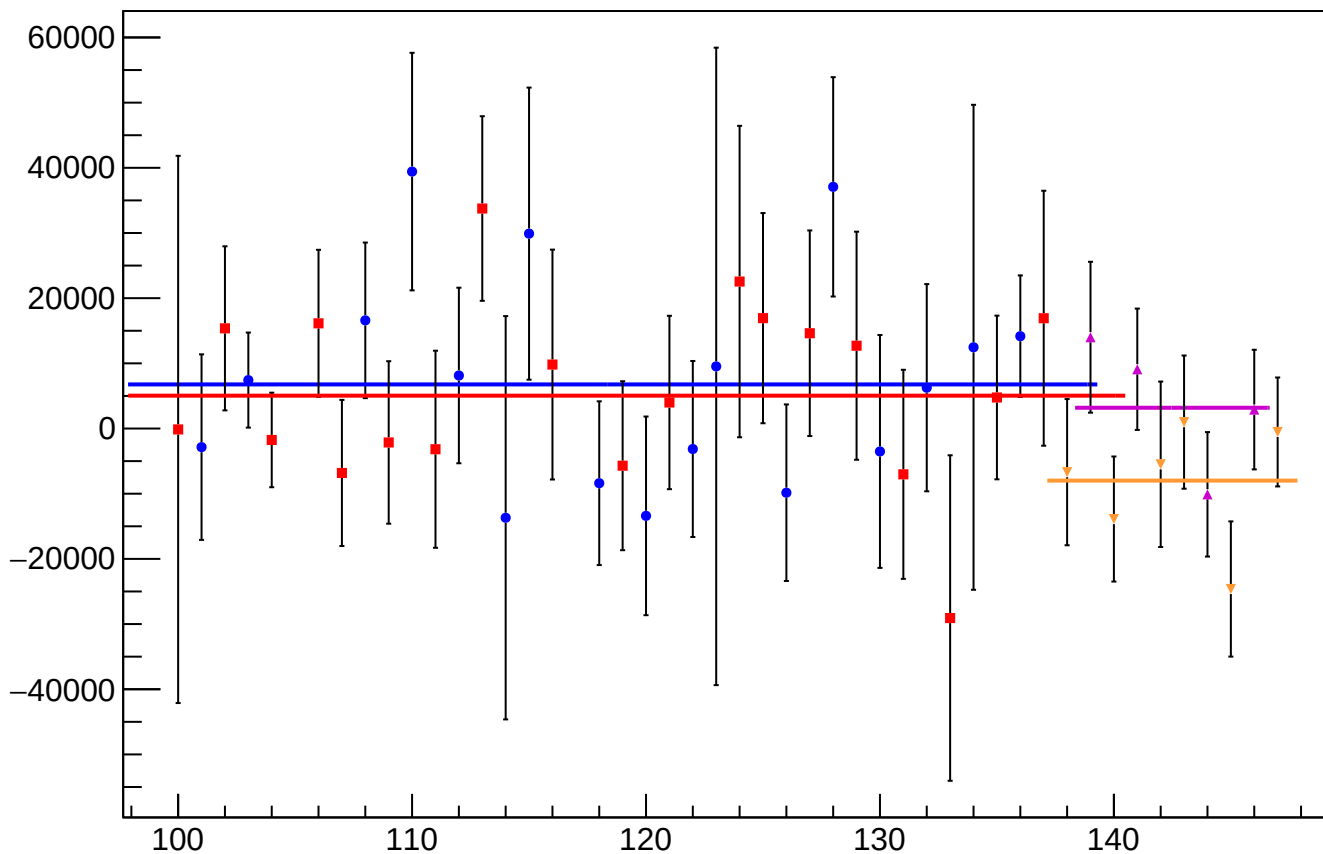
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8564.825+/-3.348 χ^2/NDF : 45866.9/3

Out: 8055.560+/-2.818 χ^2/NDF : 53103.2/5

All: 8266.756+/-2.156 χ^2/NDF : 112510.8/9

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -7988.756+/-4144.554 χ^2/NDF : 4.6/5

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 3186.237+/-4888.364 χ^2/NDF : 3.2/3

Left: -3315.261+/-3161.265 χ^2/NDF : 10.8/9

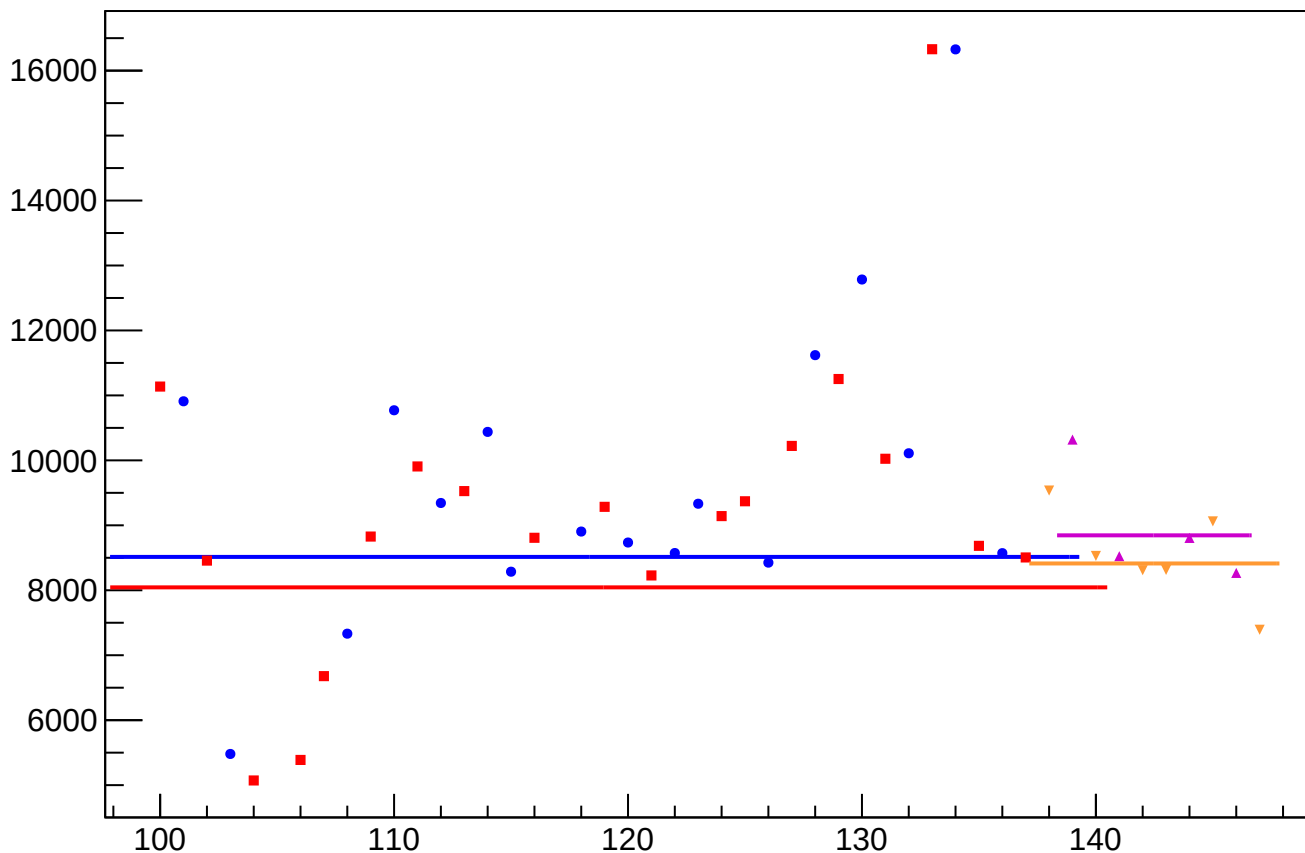
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 5605.766+/-2784.110 χ^2/NDF : 18.9/20

Out: 236.703+/-2516.733 χ^2/NDF : 24.4/24

All: 2651.104+/-1866.989 χ^2/NDF : 45.4/45

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665 $\pm$ 2.395 χ^2/NDF : 762614.5/16

Left Out: 8412.634 $\pm$ 2.931 χ^2/NDF : 58293.4/5

Right Out: 8044.739 $\pm$ 2.240 χ^2/NDF : 952310.5/18

Left In: 8845.704 $\pm$ 3.457 χ^2/NDF : 42807.8/3

Left: 8593.749 $\pm$ 2.235 χ^2/NDF : 110233.5/9

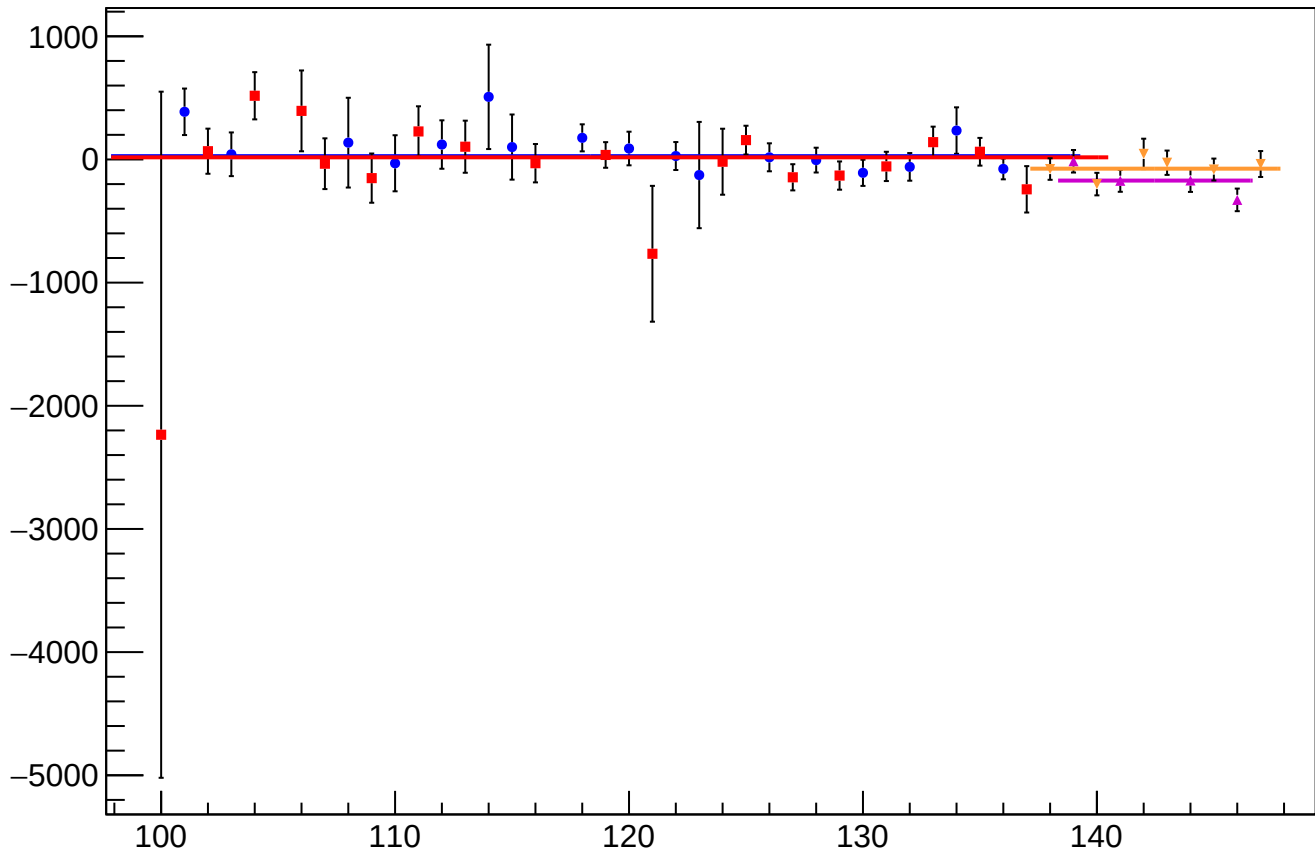
Right: 8263.507 $\pm$ 1.636 χ^2/NDF : 1735374.5/35

In: 8621.370 $\pm$ 1.969 χ^2/NDF : 811656.5/20

Out: 8180.390 $\pm$ 1.780 χ^2/NDF : 1020552.1/24

All: 8378.688 $\pm$ 1.320 χ^2/NDF : 1859821.5/45

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -74.698 ± 39.673 $\chi^2/\text{NDF}: 3.2/5$

Right Out: 17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$

Left In: -171.378 ± 45.670 $\chi^2/\text{NDF}: 5.9/3$

Left: -116.277 ± 29.950 $\chi^2/\text{NDF}: 11.6/9$

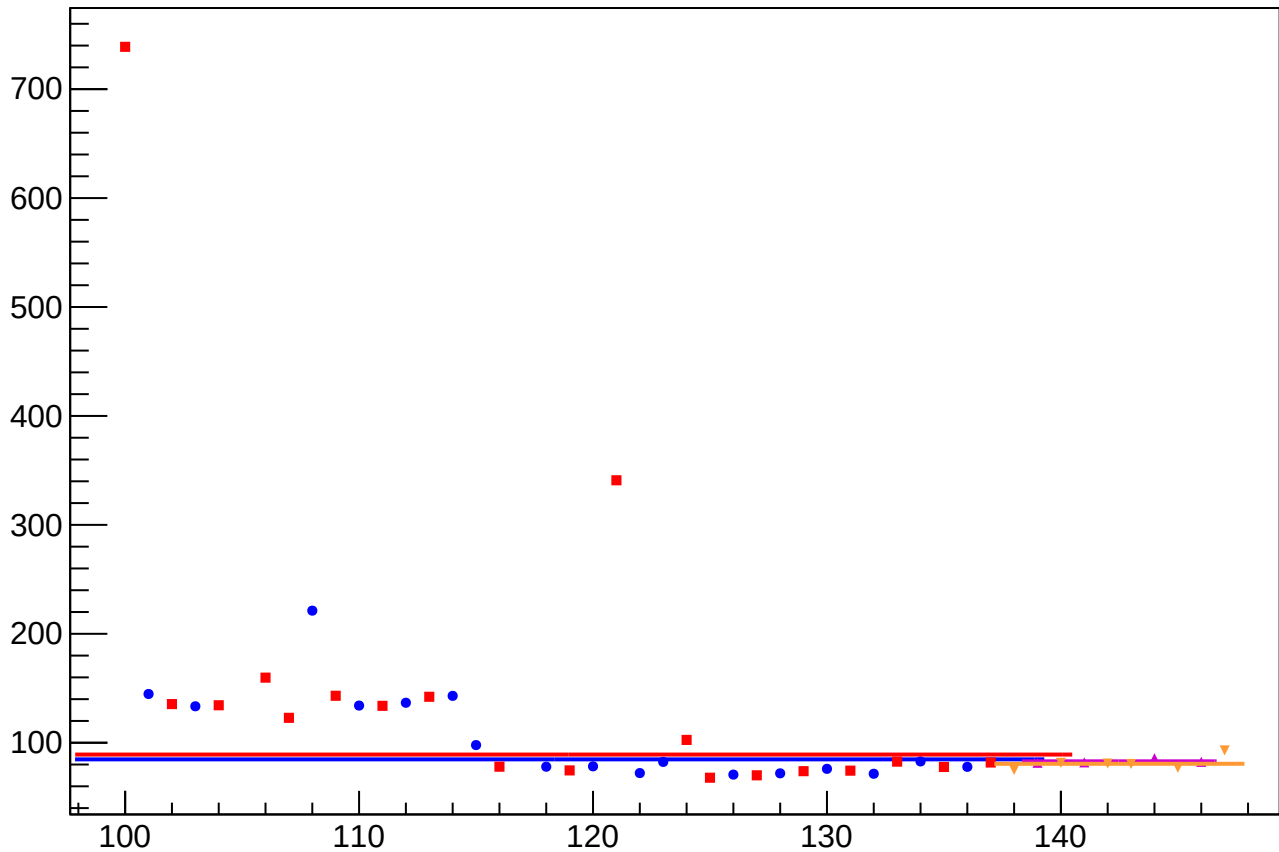
Right: 22.359 ± 24.581 $\chi^2/\text{NDF}: 34.5/35$

In: -43.861 ± 27.287 $\chi^2/\text{NDF}: 30.6/20$

Out: -23.631 ± 26.475 $\chi^2/\text{NDF}: 28.0/24$

All: -33.440 ± 19.001 $\chi^2/\text{NDF}: 58.9/45$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 ± 0.024 $\chi^2/\text{NDF}: 1064420.0/16$

Left Out: 80.673 ± 0.028 $\chi^2/\text{NDF}: 39178.4/5$

Right Out: 89.143 ± 0.025 $\chi^2/\text{NDF}: 1559269.8/18$

Left In: 82.925 ± 0.032 $\chi^2/\text{NDF}: 2582.4/3$

Left: 81.642 ± 0.021 $\chi^2/\text{NDF}: 44533.1/9$

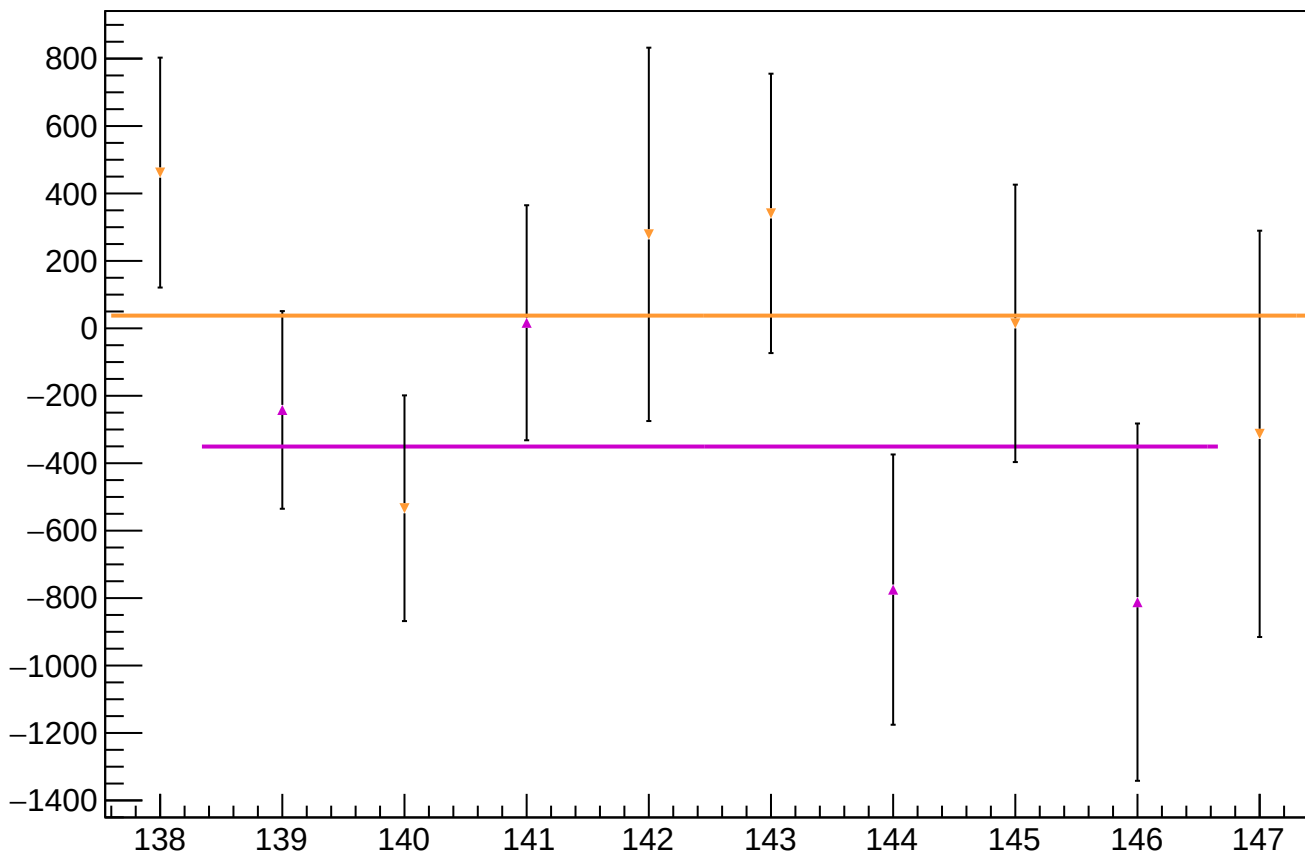
Right: 86.844 ± 0.017 $\chi^2/\text{NDF}: 2639723.0/35$

In: 84.090 ± 0.019 $\chi^2/\text{NDF}: 1069026.1/20$

Out: 85.371 ± 0.019 $\chi^2/\text{NDF}: 1649012.8/24$

All: 84.750 ± 0.013 $\chi^2/\text{NDF}: 2720308.9/45$

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 37.783+/-168.355 χ^2/NDF : 5.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -350.523+/-183.618 χ^2/NDF : 3.1/3

Left: -139.563+/-124.091 χ^2/NDF : 11.1/9

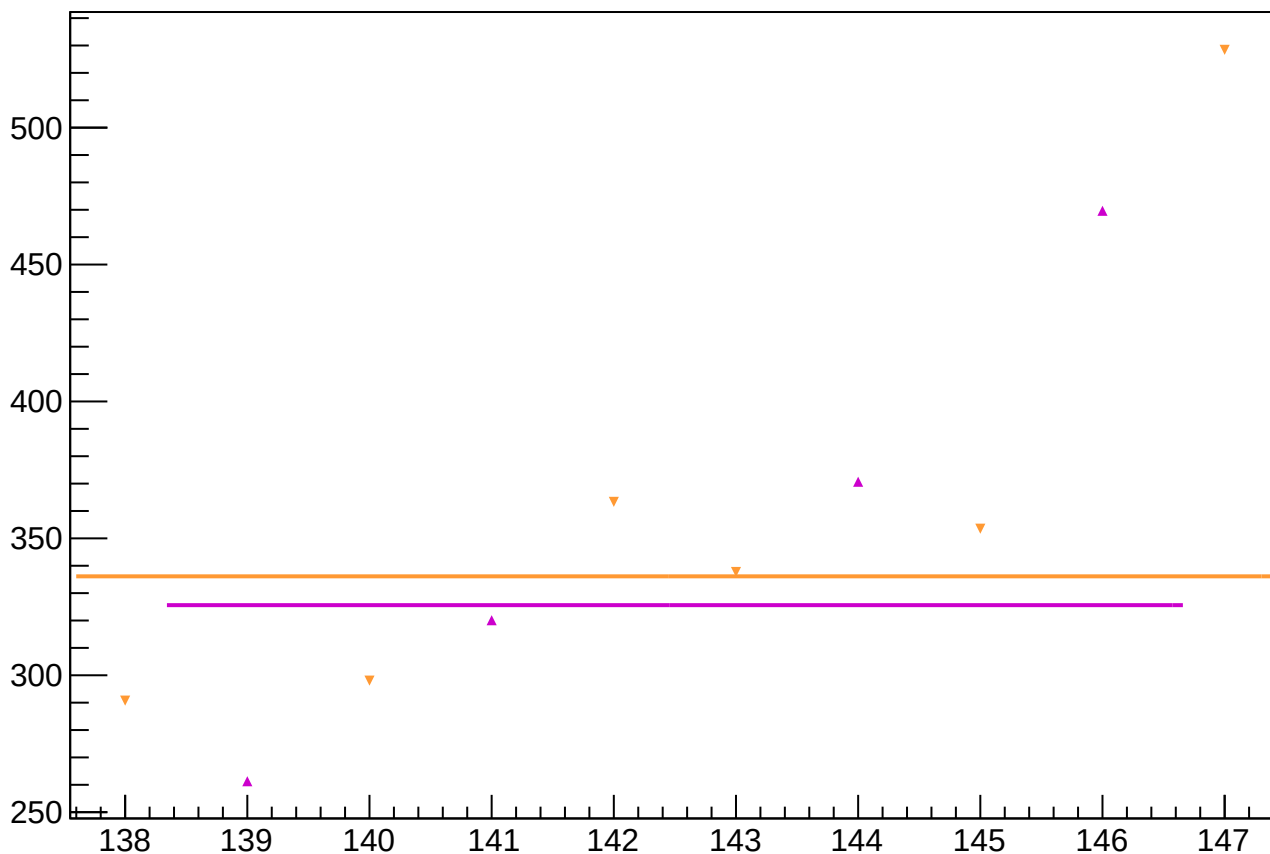
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -350.523+/-183.618 χ^2/NDF : 3.1/3

Out: 37.783+/-168.355 χ^2/NDF : 5.5/5

All: -139.563+/-124.091 χ^2/NDF : 11.1/9

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 336.133+/-0.119 χ^2/NDF :273479.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 325.609+/-0.130 χ^2/NDF :269852.7/3

Left: 331.326+/-0.088 χ^2/NDF : 546901.5/9

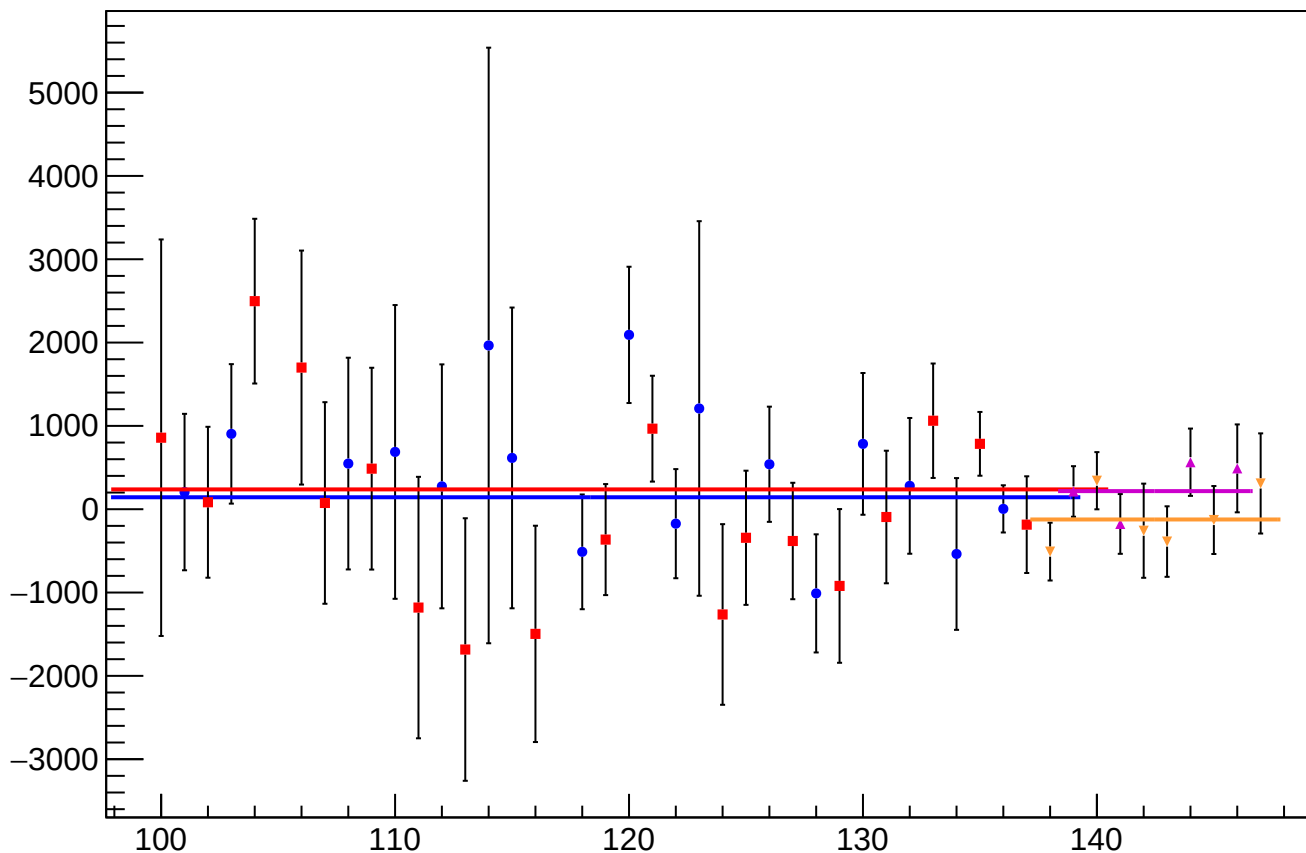
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 325.609+/-0.130 χ^2/NDF :269852.7/3

Out: 336.133+/-0.119 χ^2/NDF :273479.9/5

All: 331.326+/-0.088 χ^2/NDF : 546901.5/9

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -123.151 $\pm$ 170.770 χ^2 /NDF: 4.0/5

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

Left In: 217.188 $\pm$ 187.795 χ^2 /NDF: 2.2/3

Left: 30.896 $\pm$ 126.344 χ^2 /NDF: 8.0/9

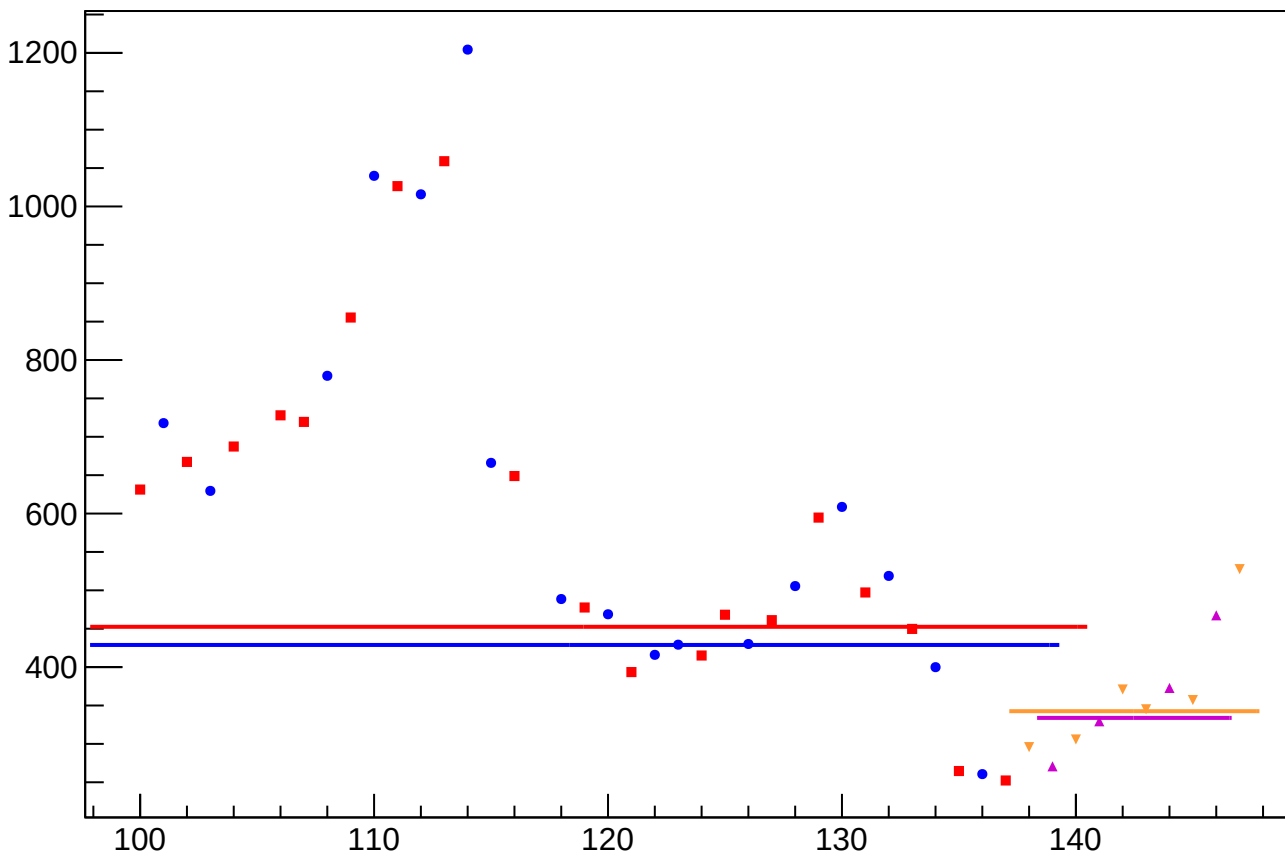
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 178.620 $\pm$ 129.660 χ^2 /NDF: 15.1/20

Out: 43.898 $\pm$ 125.167 χ^2 /NDF: 27.8/24

All: 108.884 $\pm$ 90.053 χ^2 /NDF: 43.4/45

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 342.580 $\pm$ 0.121 χ^2 /NDF:256598.6/5

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

Left In: 333.843 $\pm$ 0.133 χ^2 /NDF:233673.1/3

Left: 338.625 $\pm$ 0.089 χ^2 /NDF: 492641.2/9

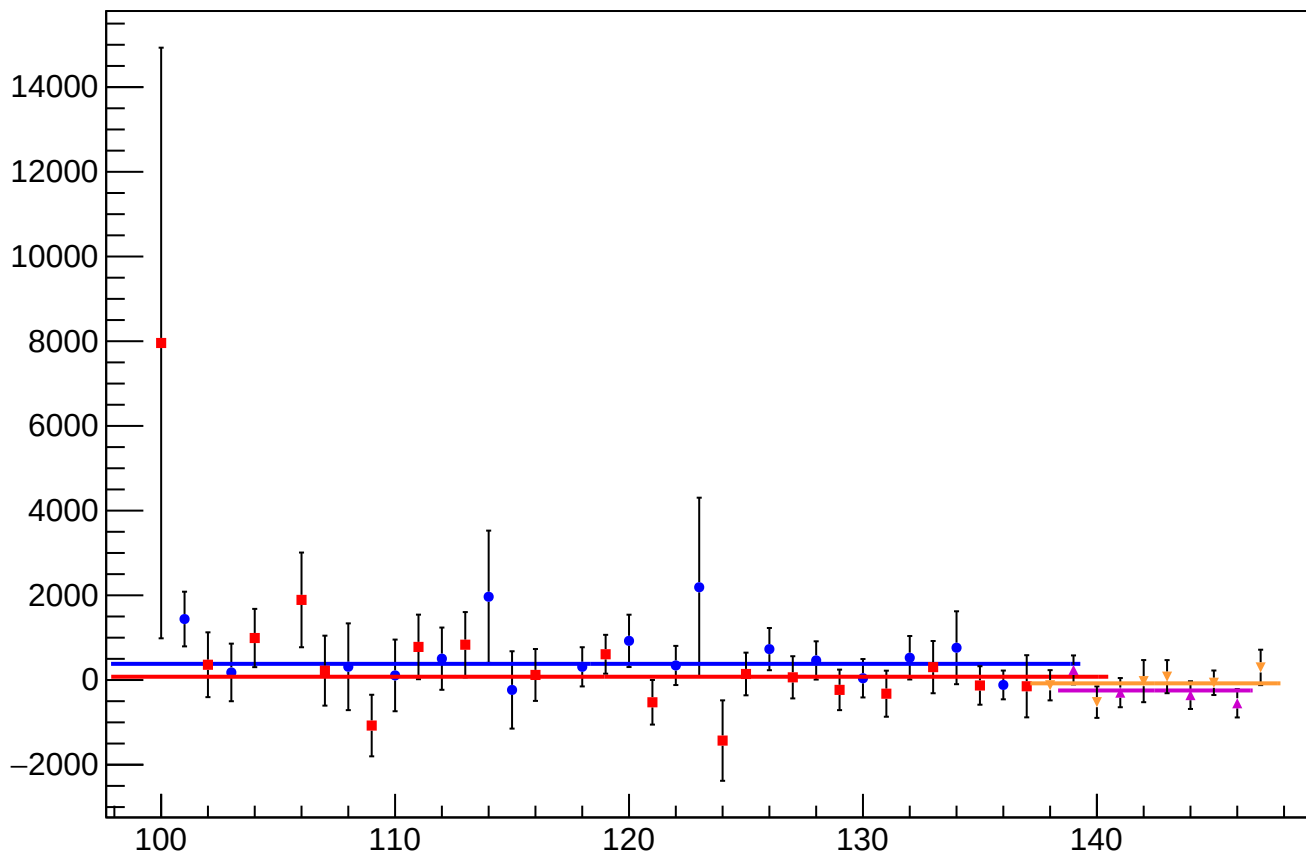
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 383.564 $\pm$ 0.092 χ^2 /NDF:2513906.3/20

Out: 393.456 $\pm$ 0.089 χ^2 /NDF:2679424.4/24

All: 388.684 $\pm$ 0.064 χ^2 /NDF: 5199357.0/45

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 χ^2/NDF : 9.4/16

Left Out: -78.626 ± 151.926 χ^2/NDF : 2.4/5

Right Out: 77.490 ± 143.469 χ^2/NDF : 16.8/18

Left In: -246.804 ± 168.517 χ^2/NDF : 3.0/3

Left: -154.030 ± 112.839 χ^2/NDF : 5.9/9

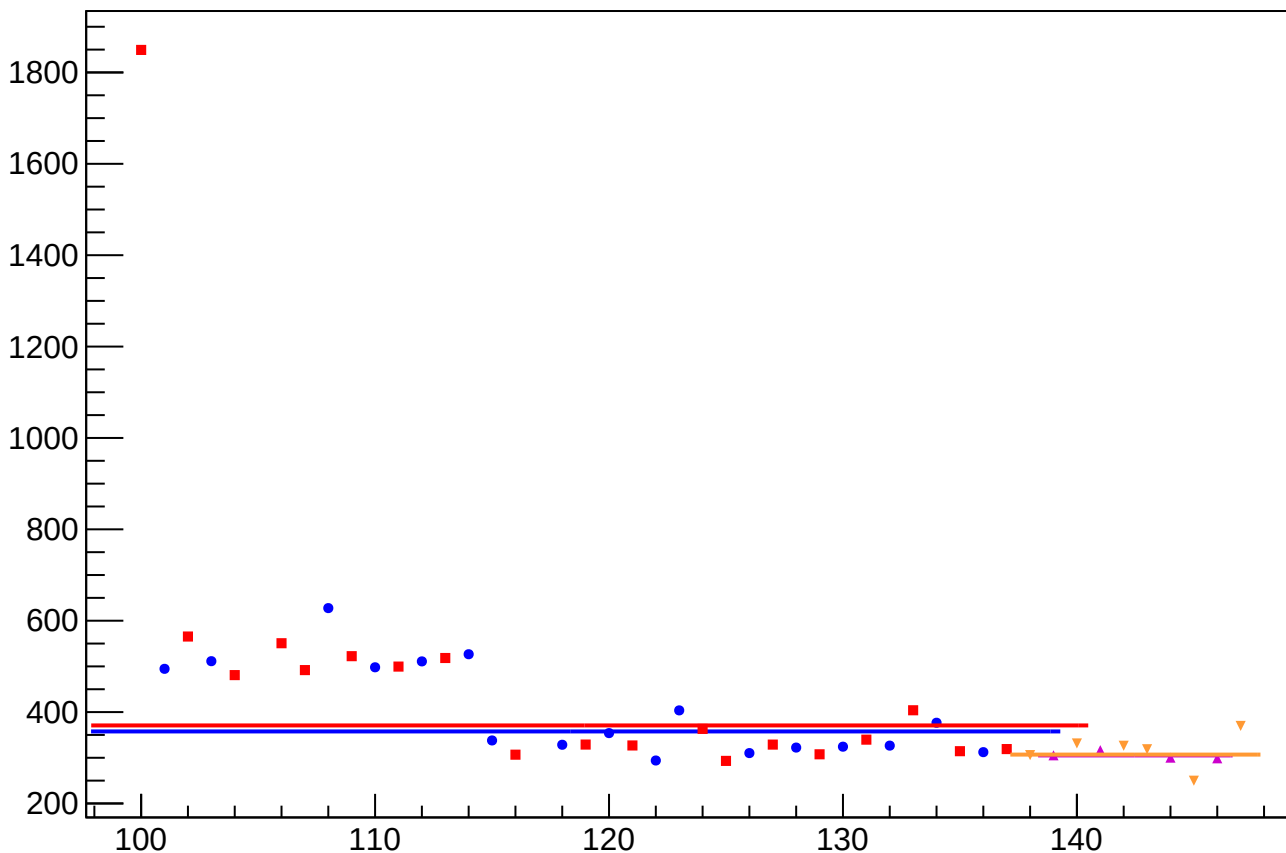
Right: 232.126 ± 100.633 χ^2/NDF : 28.5/35

In: 122.583 ± 108.226 χ^2/NDF : 20.6/20

Out: 3.898 ± 104.309 χ^2/NDF : 19.7/24

All: 61.054 ± 75.104 χ^2/NDF : 40.9/45

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 306.966 $\pm$ 0.107 χ^2 /NDF:136450.5/5

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

Left In: 305.099 $\pm$ 0.119 χ^2 /NDF:3390.8/3

Left: 306.129 $\pm$ 0.080 χ^2 /NDF: 139976.7/9

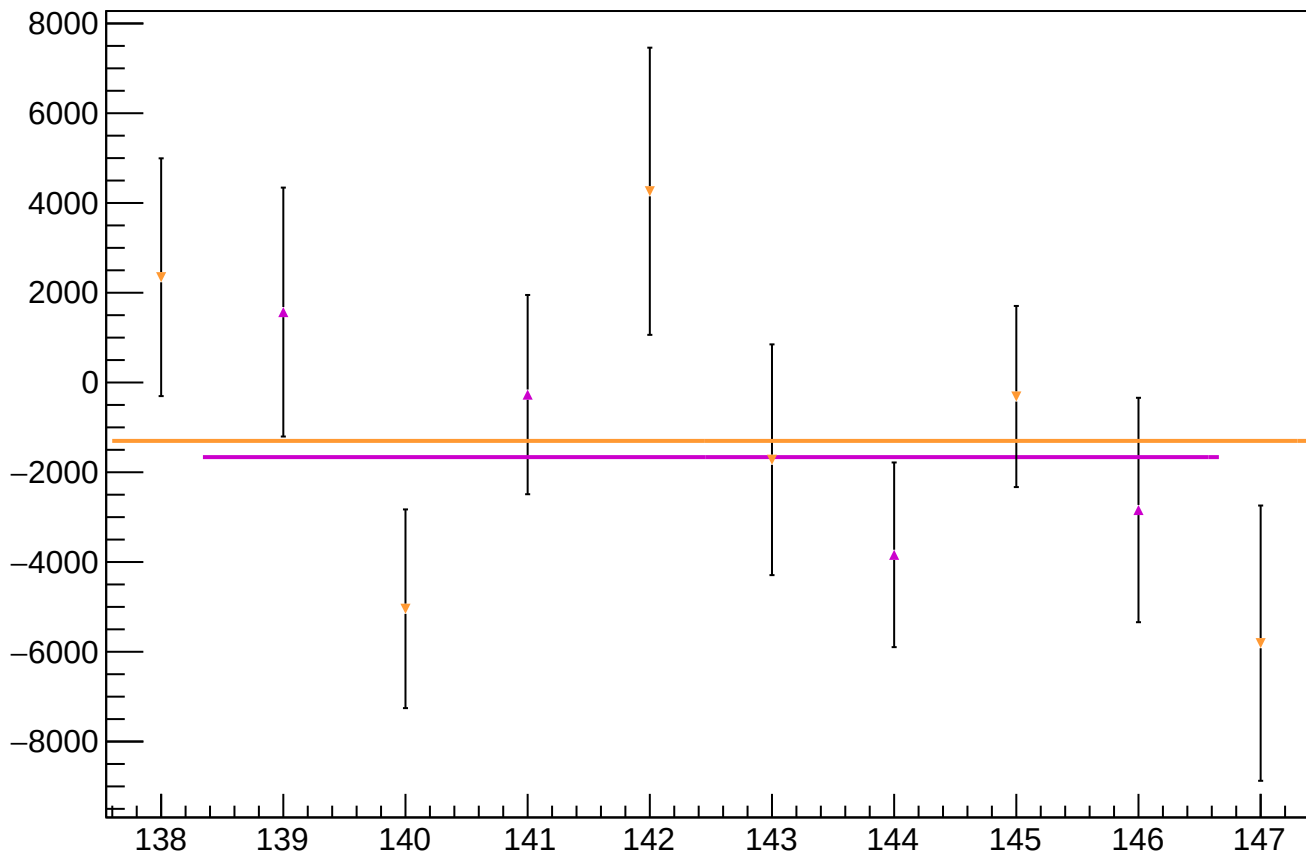
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 335.983 $\pm$ 0.077 χ^2 /NDF:747399.4/20

Out: 340.706 $\pm$ 0.074 χ^2 /NDF:1107842.7/24

All: 338.431 $\pm$ 0.053 χ^2 /NDF: 1857216.1/45

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1301.234+/-1027.358 χ^2/NDF :10.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1662.498+/-1171.052 χ^2/NDF :3.1/3

Left: -1458.353+/-772.287 χ^2/NDF : 13.3/9

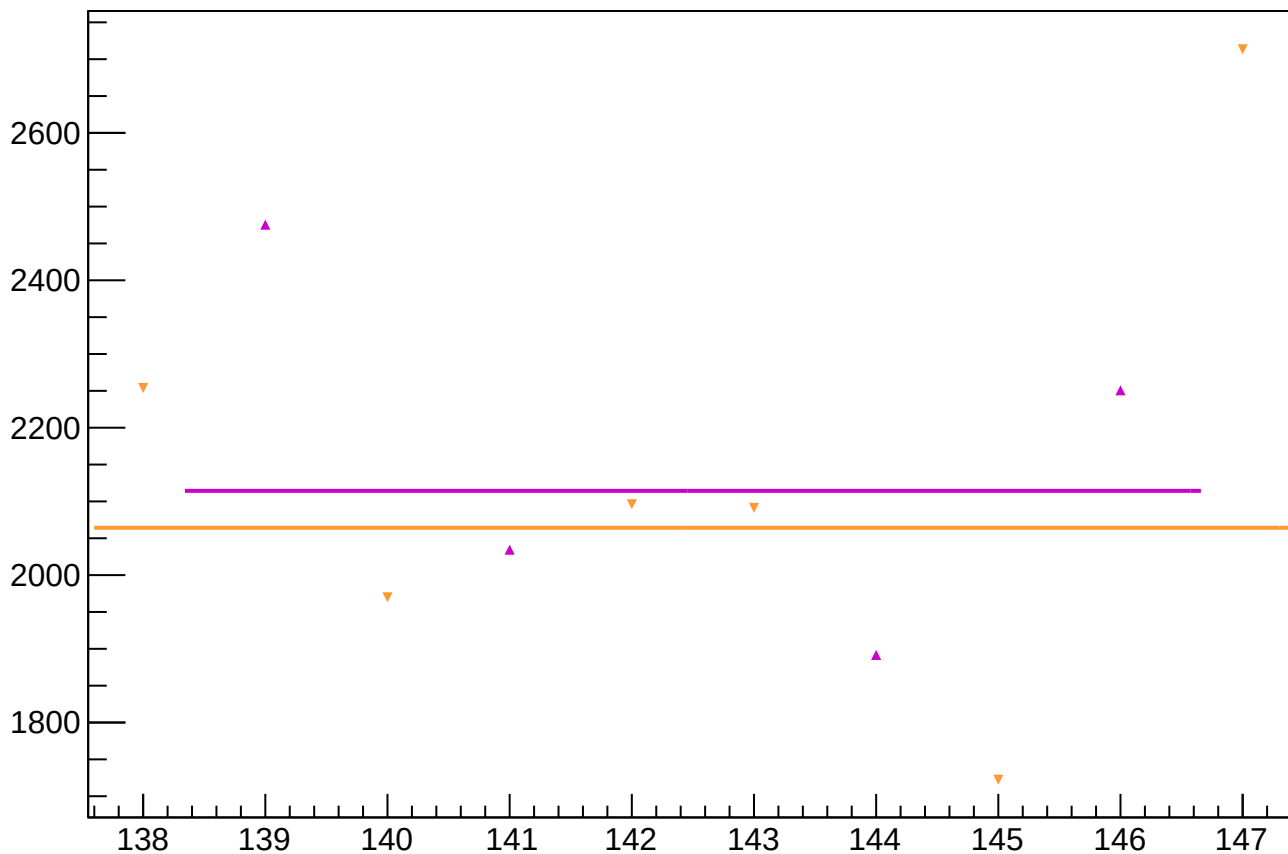
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1662.498+/-1171.052 χ^2/NDF :3.1/3

Out: -1301.234+/-1027.358 χ^2/NDF :10.2/5

All: -1458.353+/-772.287 χ^2/NDF : 13.3/9

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2064.273+/-0.726 χ^2/NDF :161342.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2114.326+/-0.828 χ^2/NDF :65878.0/3

Left: 2086.042+/-0.546 χ^2/NDF : 229285.0/9

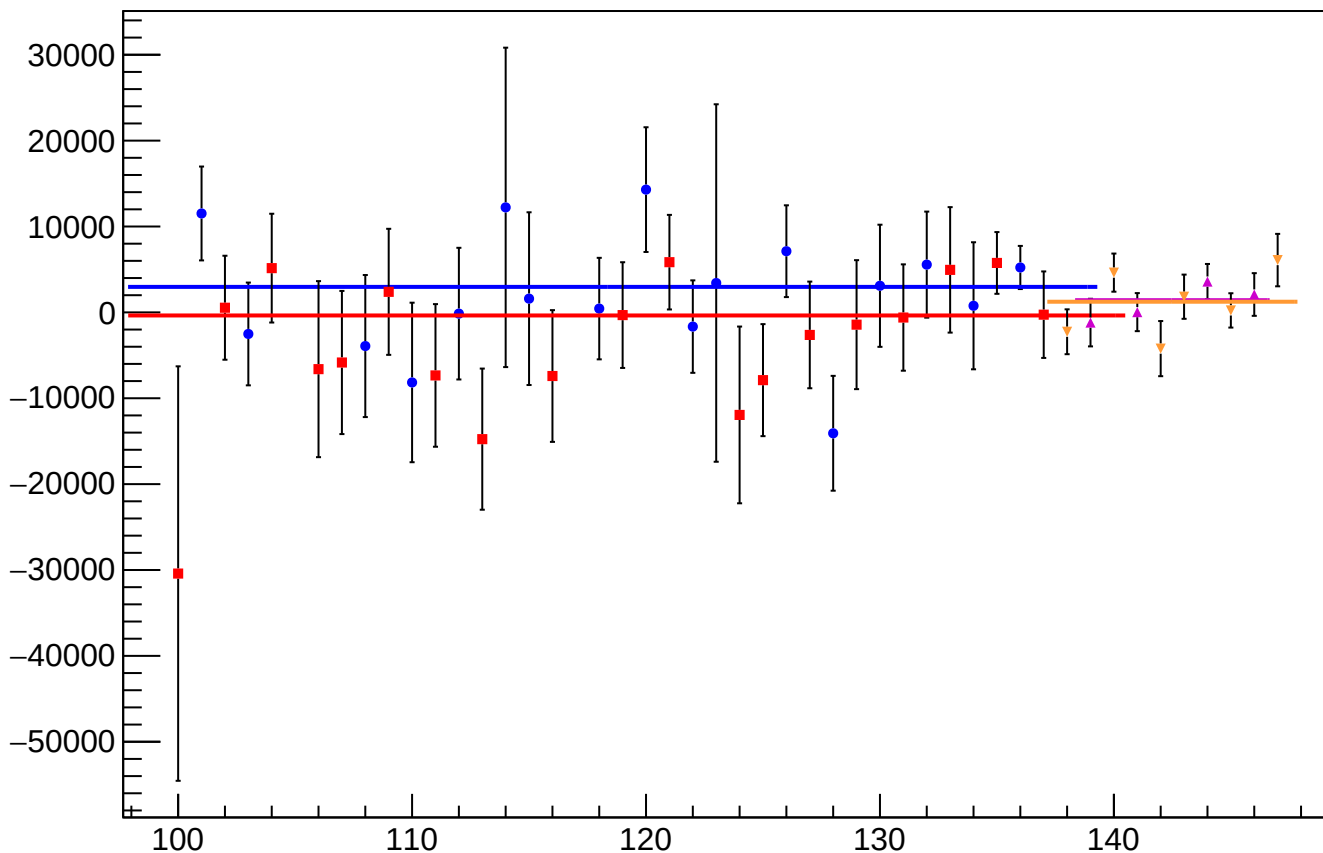
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2114.326+/-0.828 χ^2/NDF :65878.0/3

Out: 2064.273+/-0.726 χ^2/NDF :161342.4/5

All: 2086.042+/-0.546 χ^2/NDF : 229285.0/9

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 1240.620+/-1023.336 χ^2/NDF : 9.8/5

Right Out: -358.685+/-1507.064 χ^2/NDF : 15.3/18

Left In: 1420.943+/-1167.602 χ^2/NDF : 2.5/3

Left: 1318.959+/-769.588 χ^2/NDF : 12.3/9

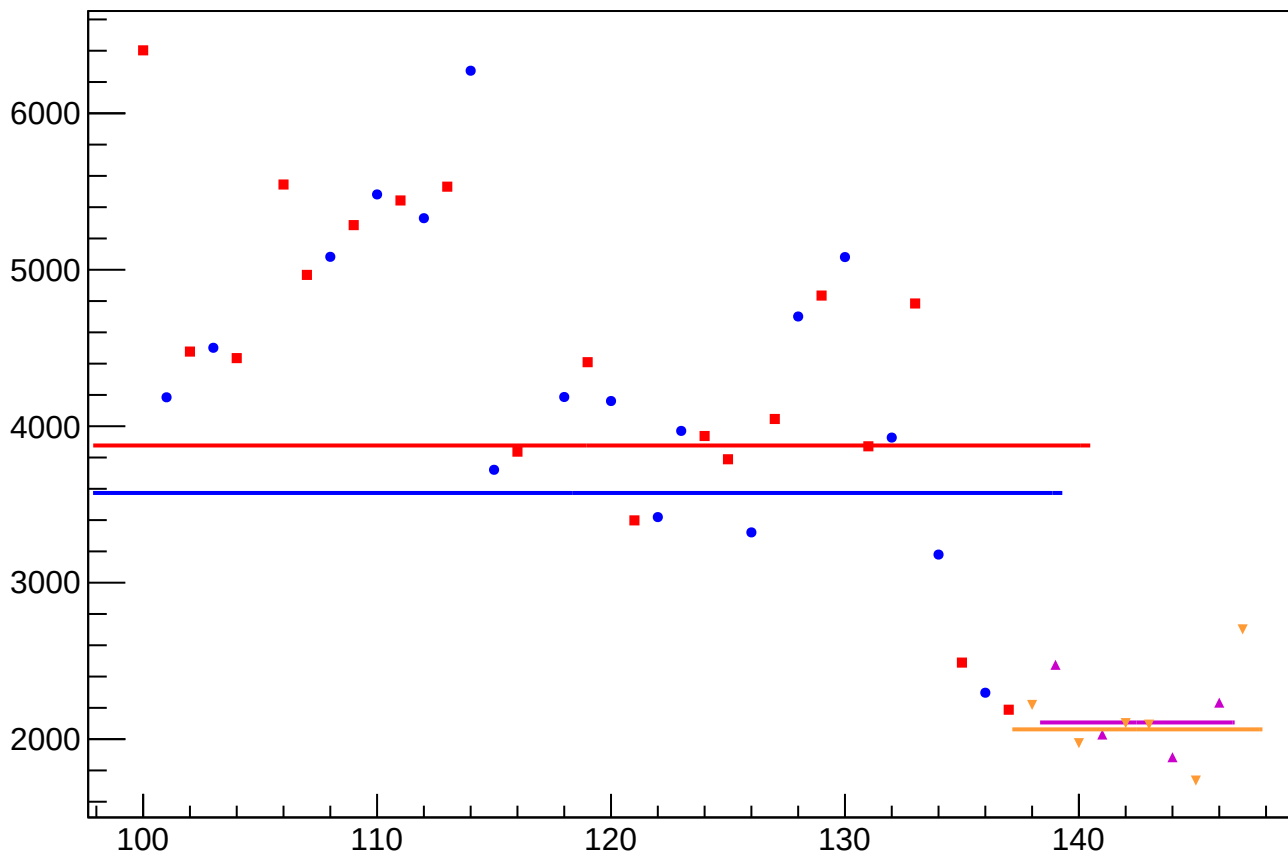
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 2034.801+/-907.053 χ^2/NDF : 20.5/20

Out: 735.922+/-846.607 χ^2/NDF : 26.0/24

All: 1340.644+/-618.908 χ^2/NDF : 47.6/45

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2062.477+/-0.724 χ^2/NDF : 152153.4/5

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

Left In: 2106.595+/-0.826 χ^2/NDF : 66398.2/3

Left: 2081.643+/-0.544 χ^2/NDF : 220166.6/9

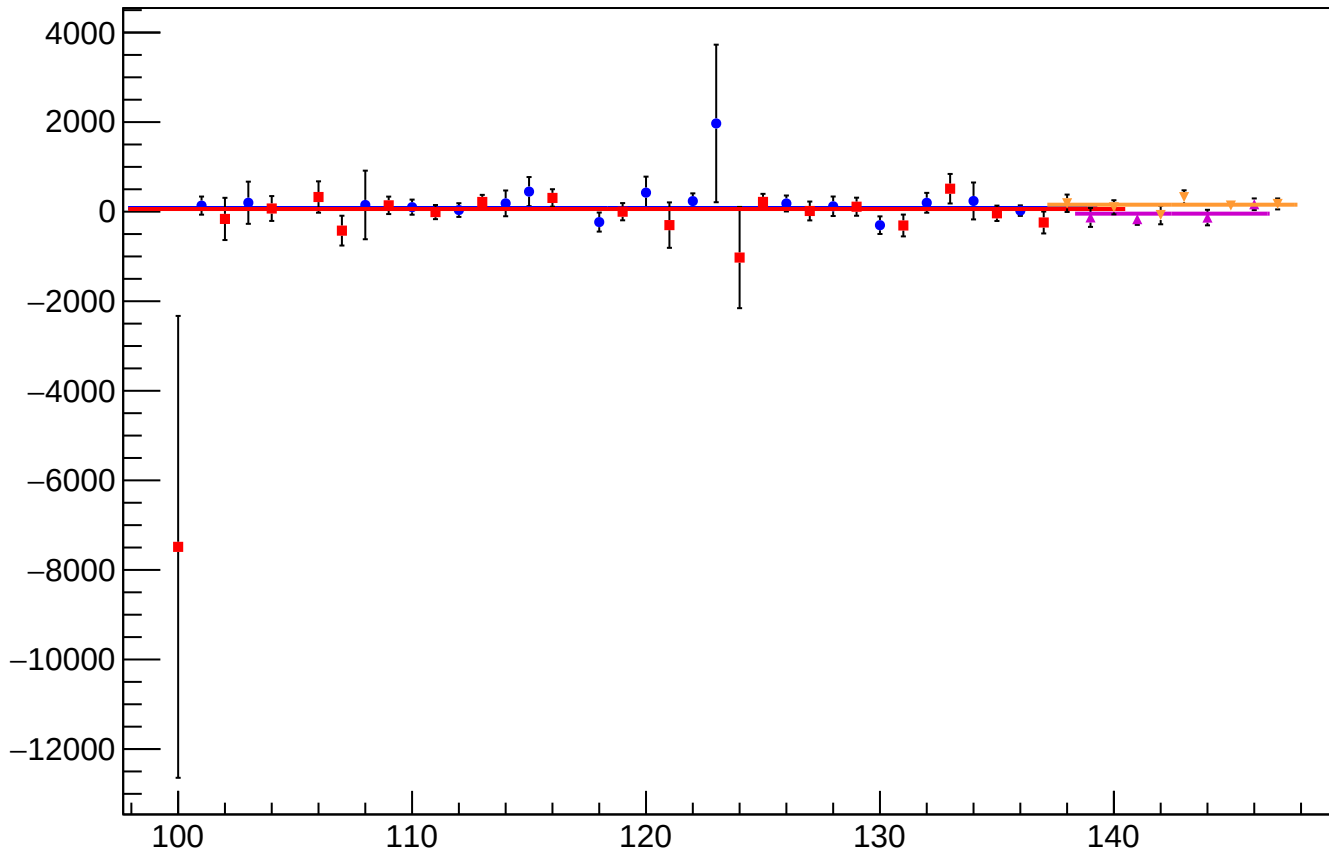
Right: 3718.342+/-0.736 χ^2/NDF : 2119512.7/35

In: 2688.214+/-0.641 χ^2/NDF : 2406747.6/20

Out: 2635.064+/-0.599 χ^2/NDF : 3124726.9/24

All: 2659.809+/-0.438 χ^2/NDF : 5535144.5/45

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 155.624+/-59.602 χ^2/NDF : 2.7/5

Right Out: 59.008+/-53.165 χ^2/NDF : 16.4/18

Left In: -44.548+/-75.362 χ^2/NDF : 3.9/3

Left: 78.597+/-46.749 χ^2/NDF : 10.9/9

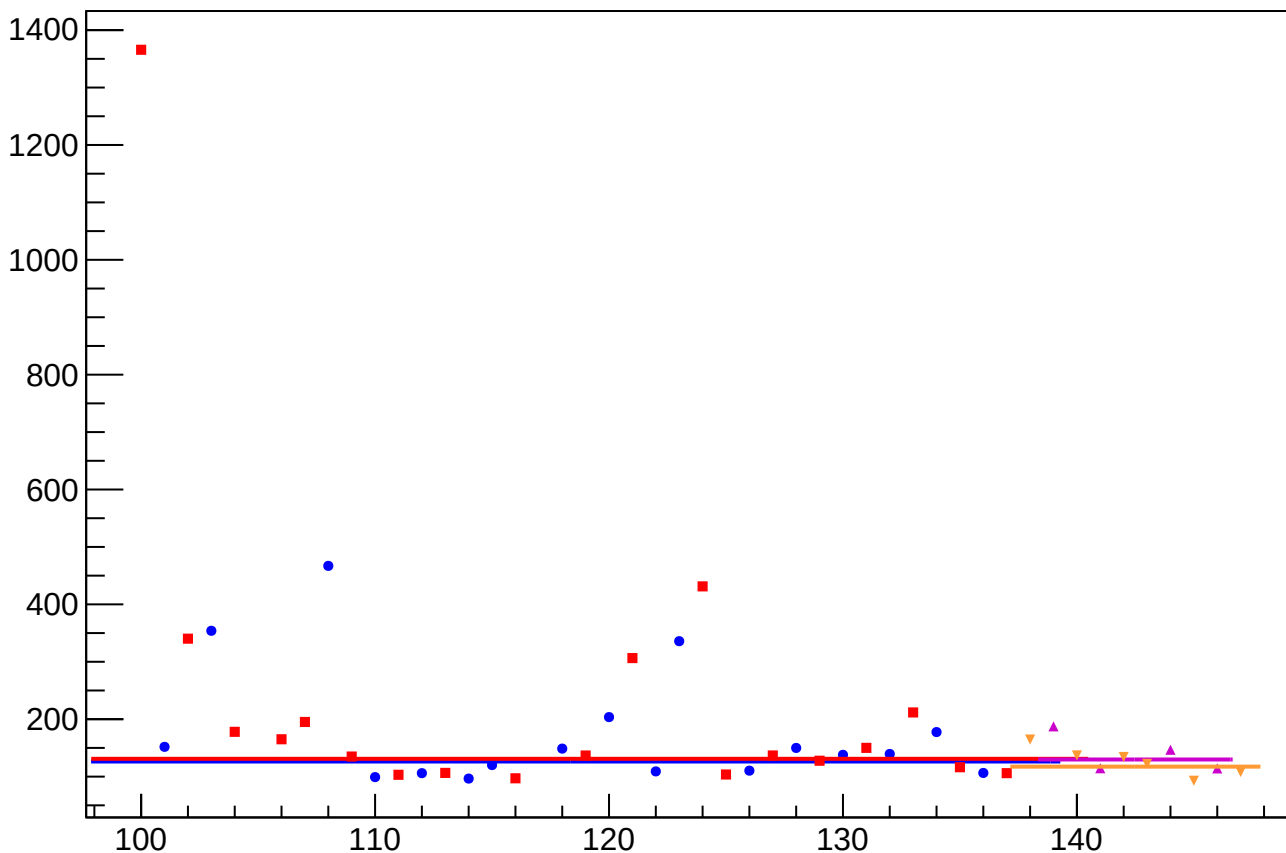
Right: 70.703+/-37.141 χ^2/NDF : 28.1/35

In: 41.181+/-42.748 χ^2/NDF : 17.4/20

Out: 101.819+/-39.675 χ^2/NDF : 20.6/24

All: 73.758+/-29.080 χ^2/NDF : 39.0/45

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 117.401 $\pm$ 0.042 χ^2 /NDF:274817.0/5

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

Left In: 129.835 $\pm$ 0.053 χ^2 /NDF:225382.9/3

Left: 122.186 $\pm$ 0.033 χ^2 /NDF: 533688.5/9

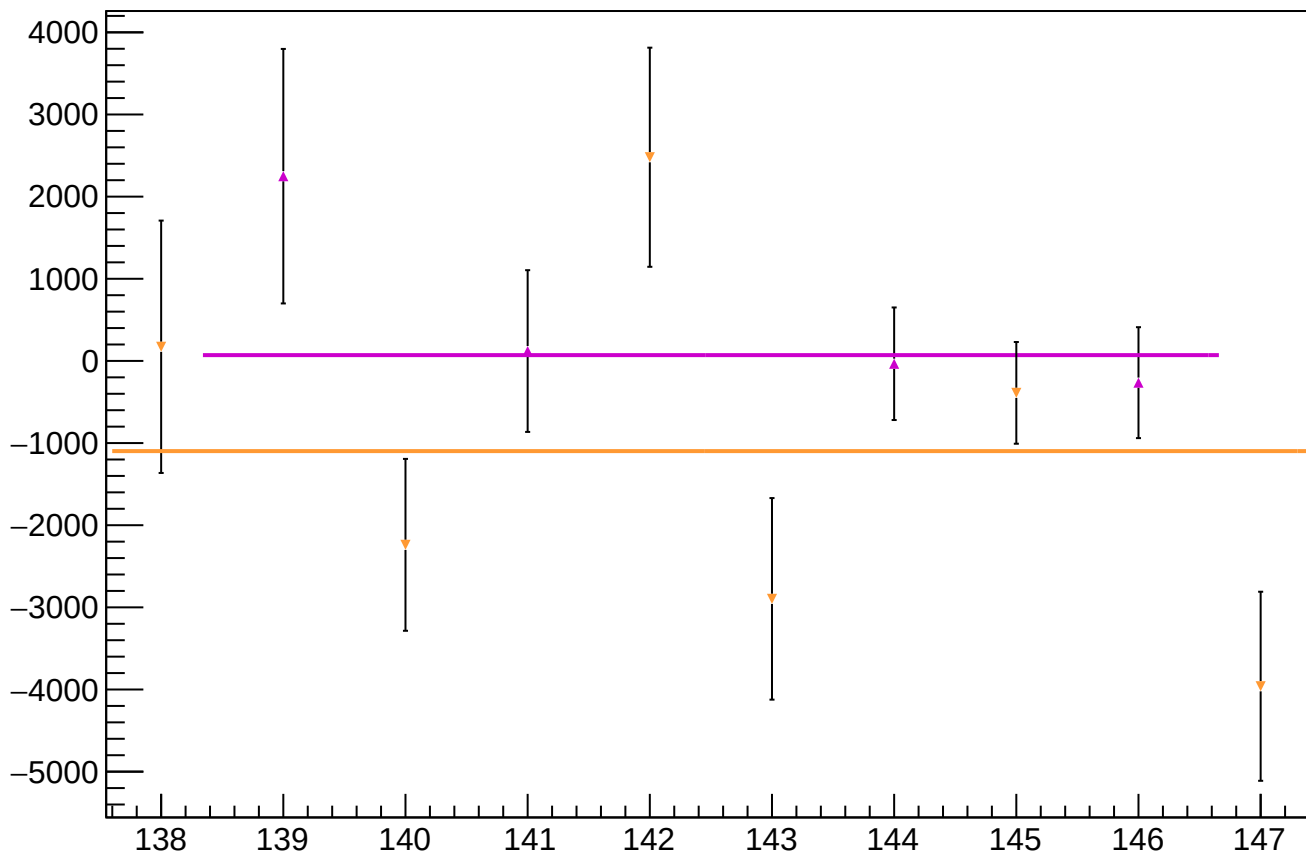
Right: 128.617 $\pm$ 0.026 χ^2 /NDF: 2747739.0/35

In: 127.464 $\pm$ 0.030 χ^2 /NDF:1538885.6/20

Out: 124.978 $\pm$ 0.028 χ^2 /NDF:1762116.9/24

All: 126.129 $\pm$ 0.021 χ^2 /NDF: 3304634.9/45

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1097.888+/-410.728 χ^2/NDF :18.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 70.586+/-416.210 χ^2/NDF :2.2/3

Left: -521.396+/-292.348 χ^2/NDF : 25.0/9

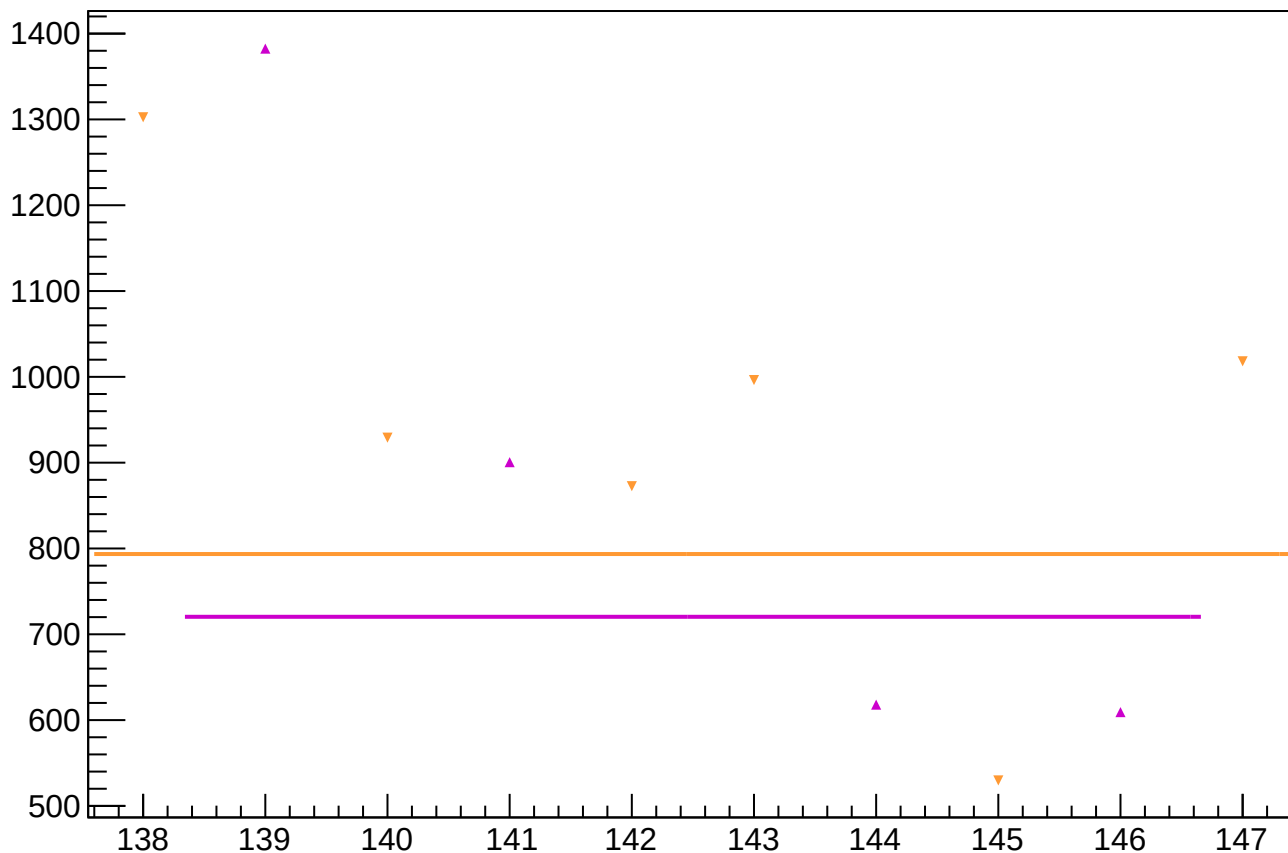
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.586+/-416.210 χ^2/NDF :2.2/3

Out: -1097.888+/-410.728 χ^2/NDF :18.7/5

All: -521.396+/-292.348 χ^2/NDF : 25.0/9

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.528+/-0.290 χ^2/NDF : 754171.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 720.391+/-0.294 χ^2/NDF : 531130.1/3

Left: 757.444+/-0.207 χ^2/NDF : 1316588.6/9

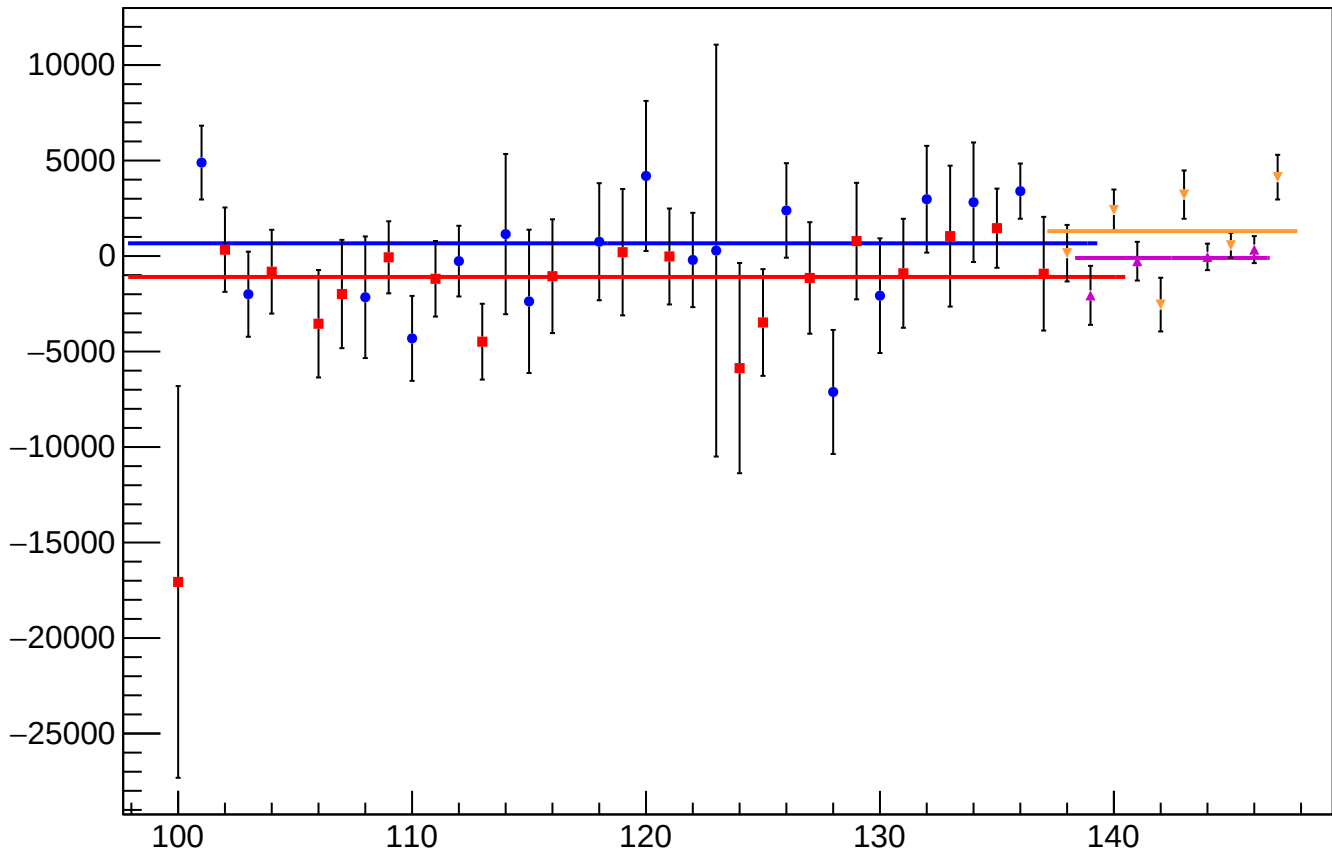
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 720.391+/-0.294 χ^2/NDF : 531130.1/3

Out: 793.528+/-0.290 χ^2/NDF : 754171.6/5

All: 757.444+/-0.207 χ^2/NDF : 1316588.6/9

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1303.799+/-424.295 χ^2/NDF : 18.6/5

Right Out: -1094.278+/-602.639 χ^2/NDF : 11.0/18

Left In: -99.663+/-427.637 χ^2/NDF : 2.0/3

Left: 607.574+/-301.197 χ^2/NDF : 26.0/9

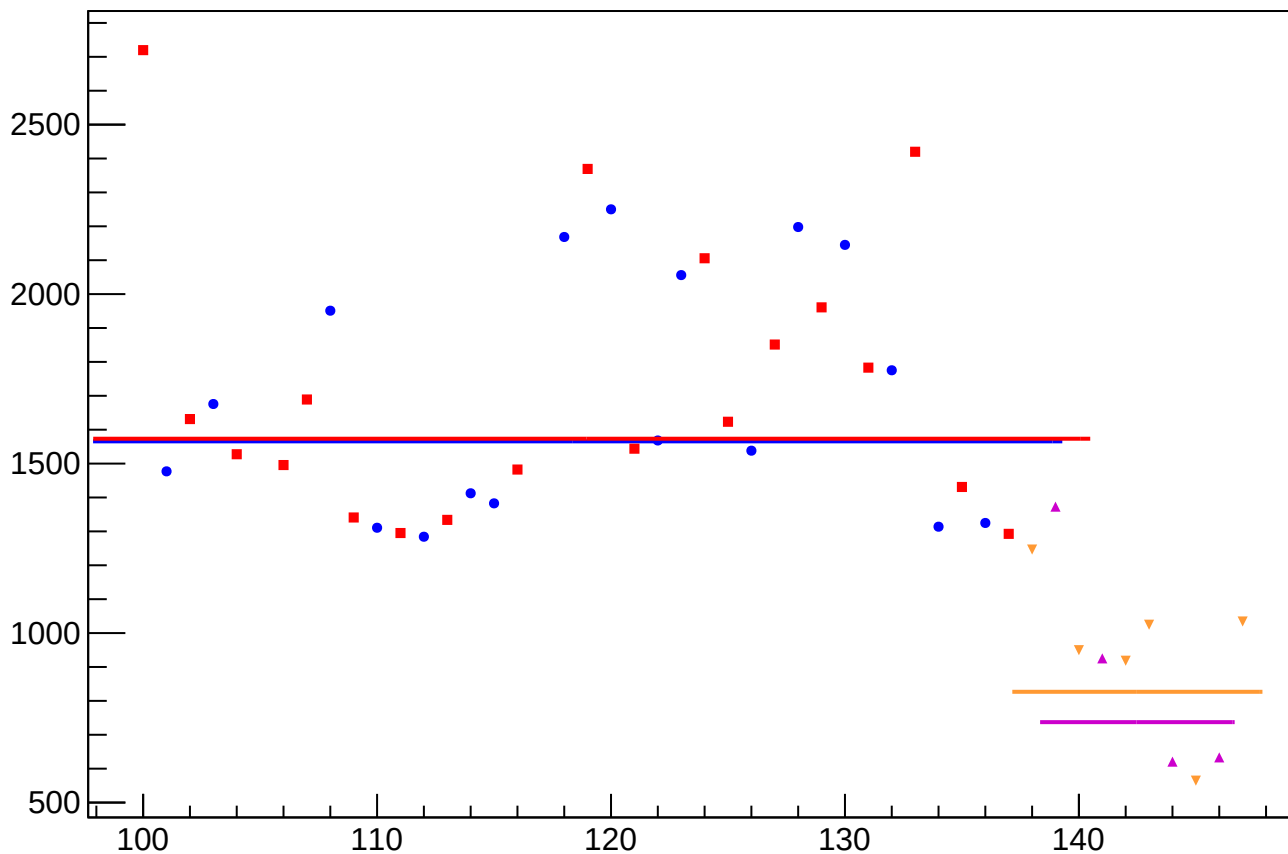
Right: -237.260+/-431.744 χ^2/NDF : 40.8/35

In: 147.940+/-351.810 χ^2/NDF : 28.7/20

Out: 509.034+/-346.933 χ^2/NDF : 40.2/24

All: 331.007+/-247.025 χ^2/NDF : 69.4/45

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 826.779+/-0.300 χ^2/NDF : 632473.2/5

Right Out: 1573.366+/-0.426 χ^2/NDF : 462040.3/18

Left In: 737.241+/-0.302 χ^2/NDF : 507643.3/3

Left: 782.361+/-0.213 χ^2/NDF : 1184299.5/9

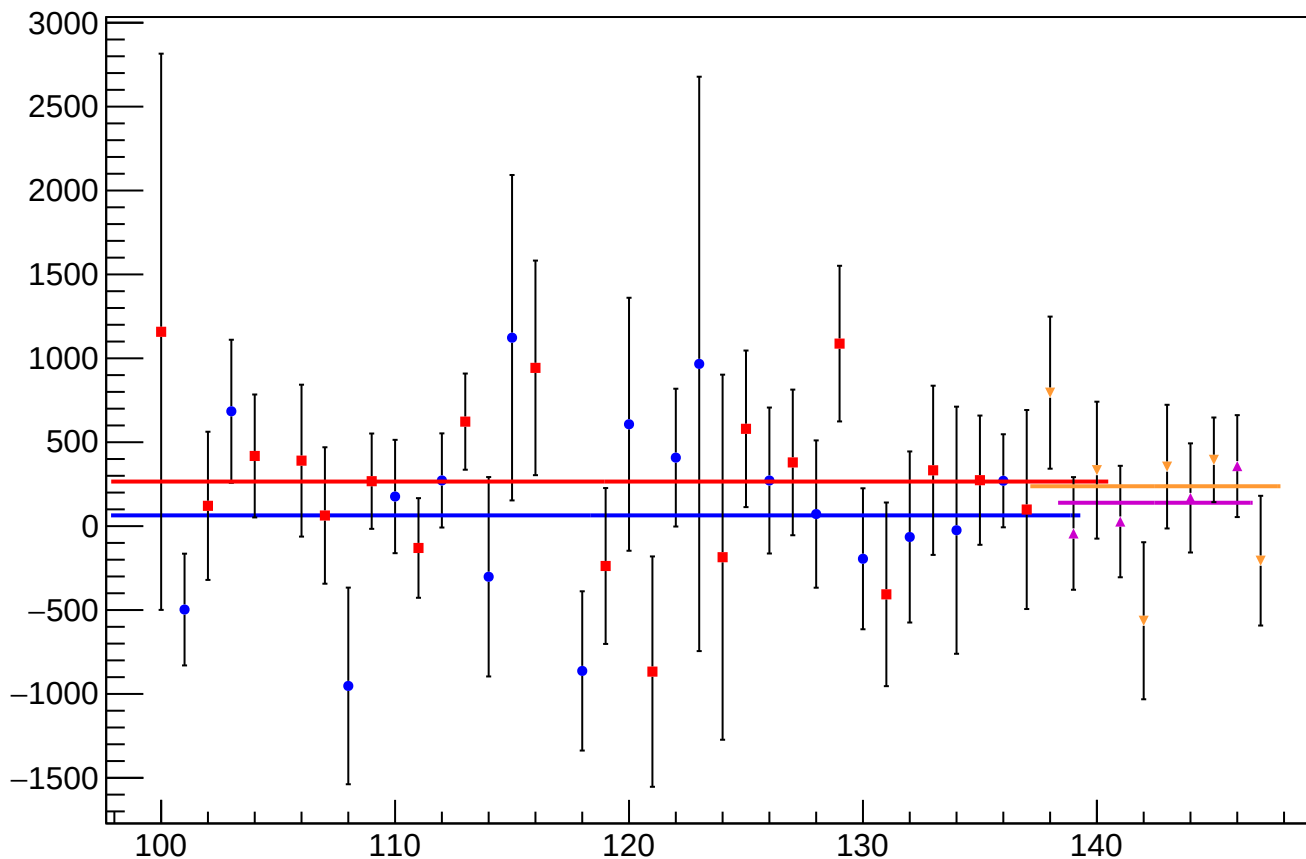
Right: 1569.597+/-0.305 χ^2/NDF : 952991.2/35

In: 1004.967+/-0.249 χ^2/NDF : 3423931.7/20

Out: 1074.211+/-0.245 χ^2/NDF : 3146766.8/24

All: 1040.072+/-0.175 χ^2/NDF : 6609977.5/45

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 $\pm$ 105.336 χ^2/NDF : 16.8/16

Left Out: 237.684 $\pm$ 148.707 χ^2/NDF : 6.3/5

Right Out: 265.661 $\pm$ 99.379 χ^2/NDF : 14.7/18

Left In: 139.330 $\pm$ 161.713 χ^2/NDF : 0.9/3

Left: 192.620 $\pm$ 109.461 χ^2/NDF : 7.4/9

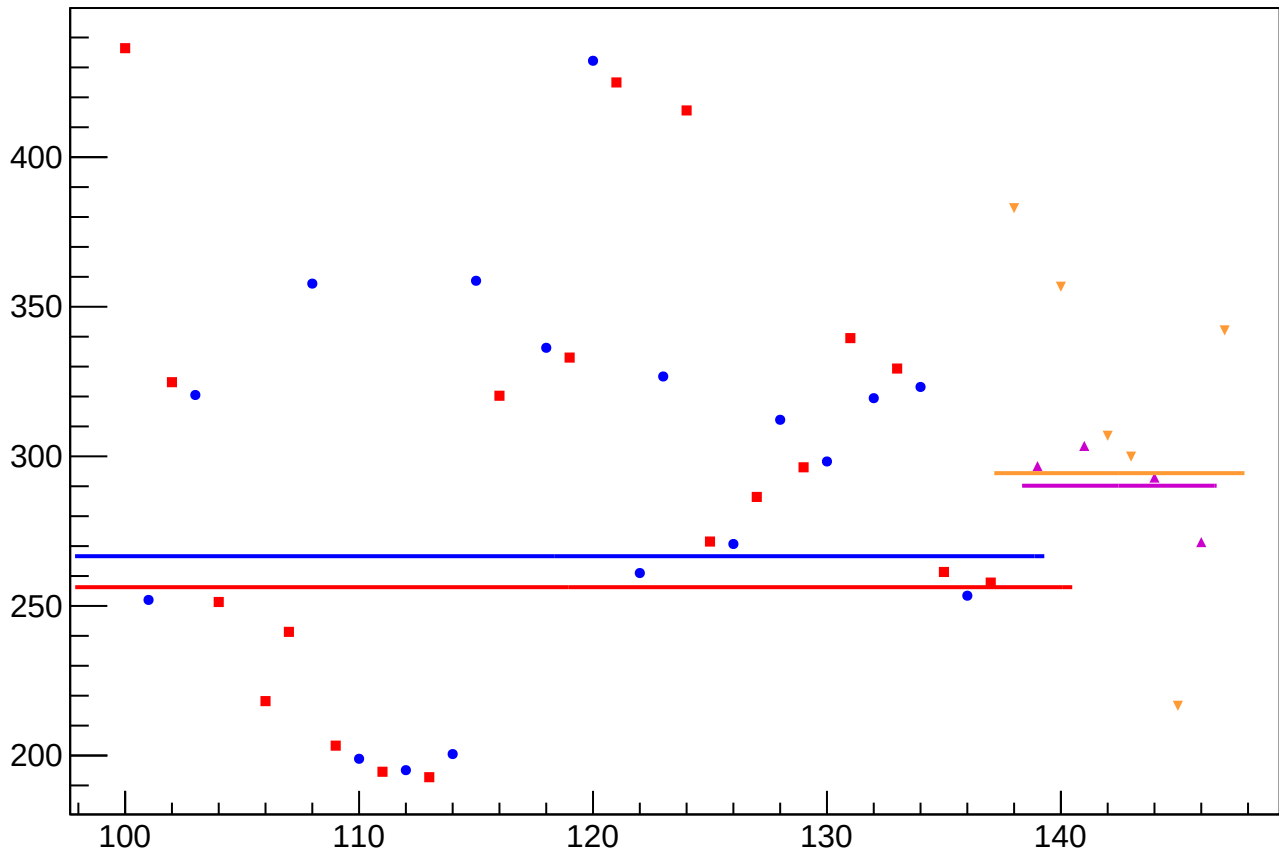
Right: 170.735 $\pm$ 72.286 χ^2/NDF : 33.4/35

In: 86.502 $\pm$ 88.263 χ^2/NDF : 17.8/20

Out: 257.024 $\pm$ 82.627 χ^2/NDF : 21.0/24

All: 177.381 $\pm$ 60.320 χ^2/NDF : 40.9/45

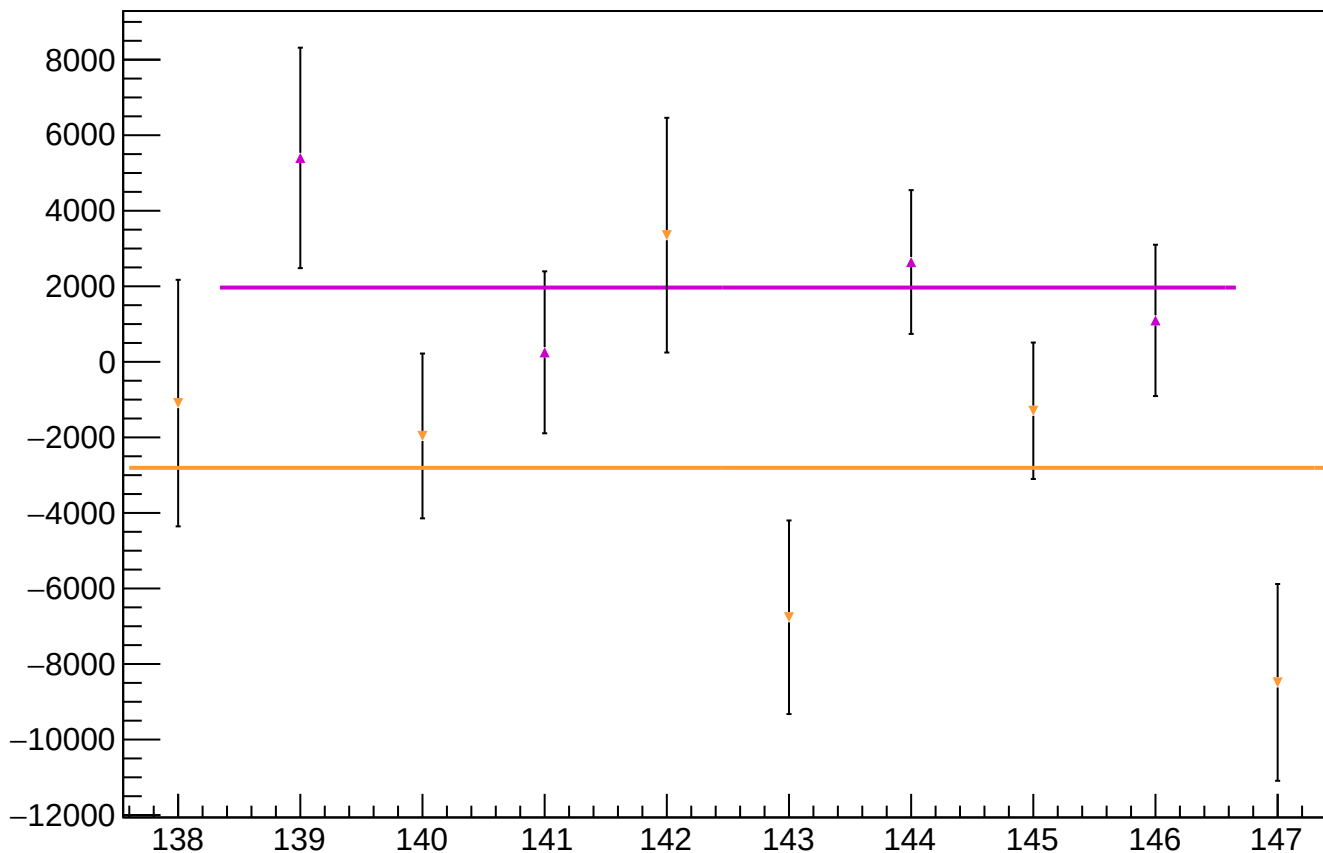
dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2/NDF : 550752.5/16
 Left Out: 294.384 $\pm$ 0.105 χ^2/NDF :345502.1/5
 Right Out: 256.268 $\pm$ 0.070 χ^2/NDF : 696896.2/18
 Left In: 290.185 $\pm$ 0.114 χ^2/NDF :11808.9/3

Left: 292.460 $\pm$ 0.077 χ^2/NDF : 358041.6/9
 Right: 261.145 $\pm$ 0.051 χ^2/NDF : 1257876.6/35
 In: 273.643 $\pm$ 0.062 χ^2/NDF :592368.0/20
 Out: 268.036 $\pm$ 0.058 χ^2/NDF :1133226.7/24
 All: 270.655 $\pm$ 0.043 χ^2/NDF : 1729896.7/45

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2806.079+/-993.218 χ^2/NDF :12.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1966.762+/-1078.273 χ^2/NDF :2.3/3

Left: -615.299+/-730.532 χ^2/NDF : 25.1/9

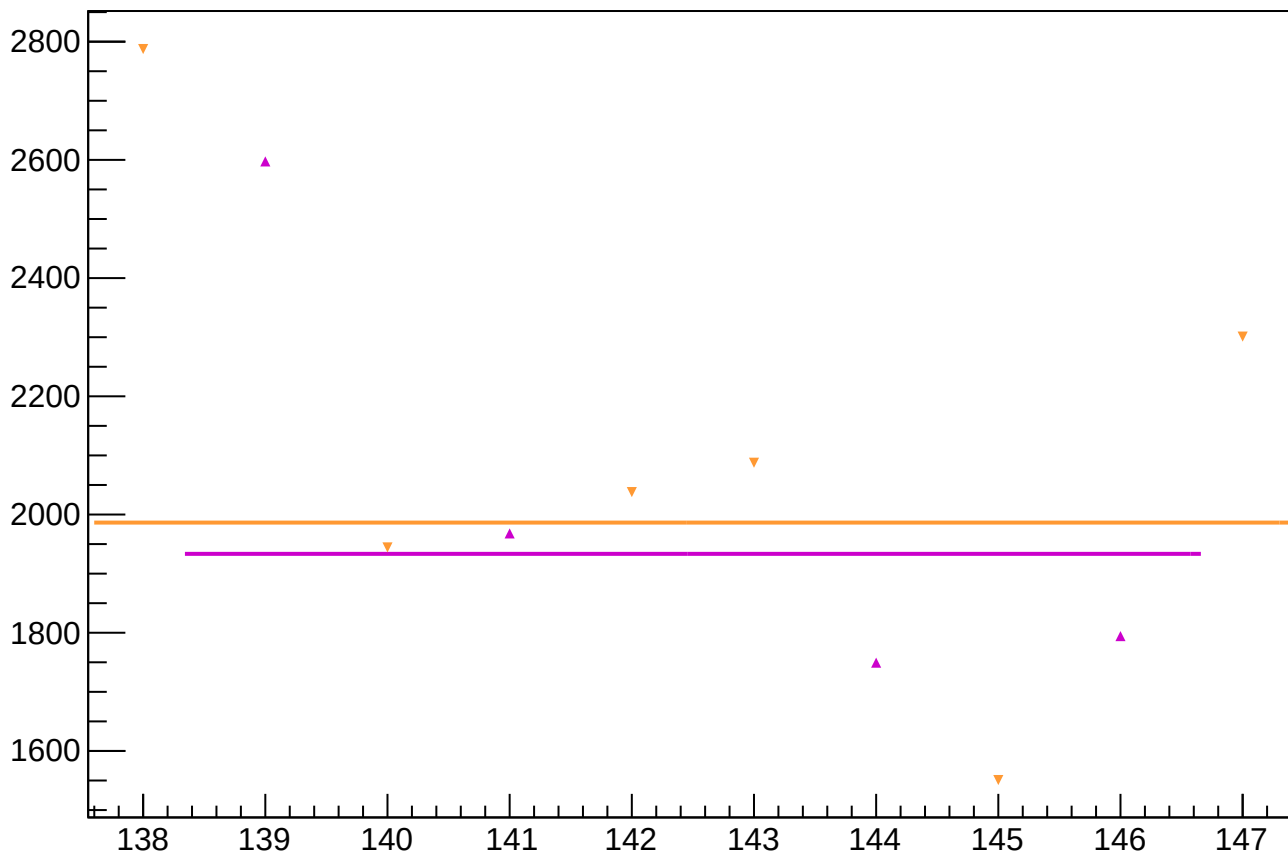
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1966.762+/-1078.273 χ^2/NDF :2.3/3

Out: -2806.079+/-993.218 χ^2/NDF :12.2/5

All: -615.299+/-730.532 χ^2/NDF : 25.1/9

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1986.371+/-0.702 χ^2/NDF :270416.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1933.470+/-0.762 χ^2/NDF :132384.7/3

Left: 1962.089+/-0.517 χ^2/NDF : 405405.2/9

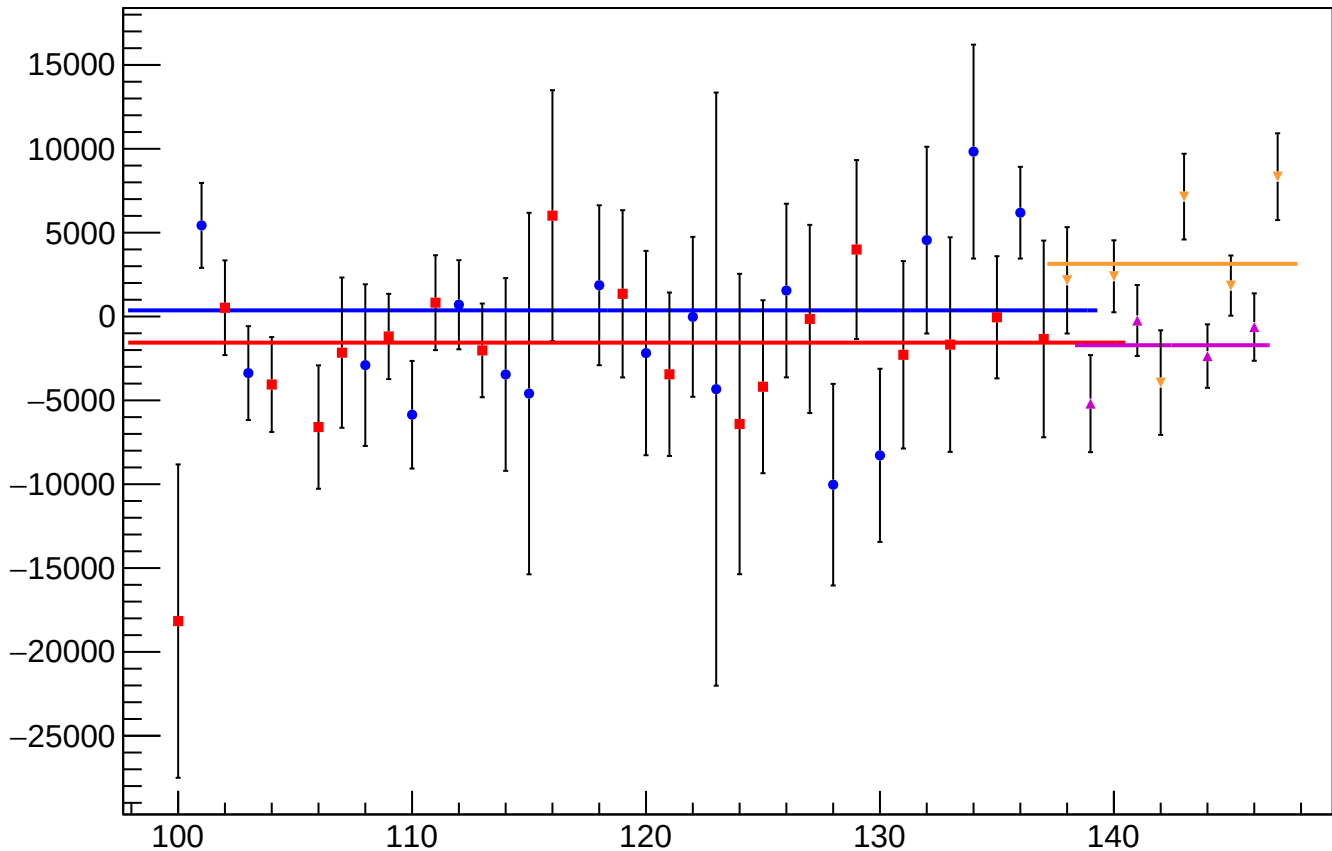
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1933.470+/-0.762 χ^2/NDF :132384.7/3

Out: 1986.371+/-0.702 χ^2/NDF :270416.1/5

All: 1962.089+/-0.517 χ^2/NDF : 405405.2/9

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 3140.521+/-984.361 χ^2/NDF :12.4/5

Right Out: -1557.388+/-924.003 χ^2/NDF : 10.5/18

Left In: -1712.406+/-1073.115 χ^2/NDF :2.3/3

Left: 923.010+/-725.399 χ^2/NDF : 25.8/9

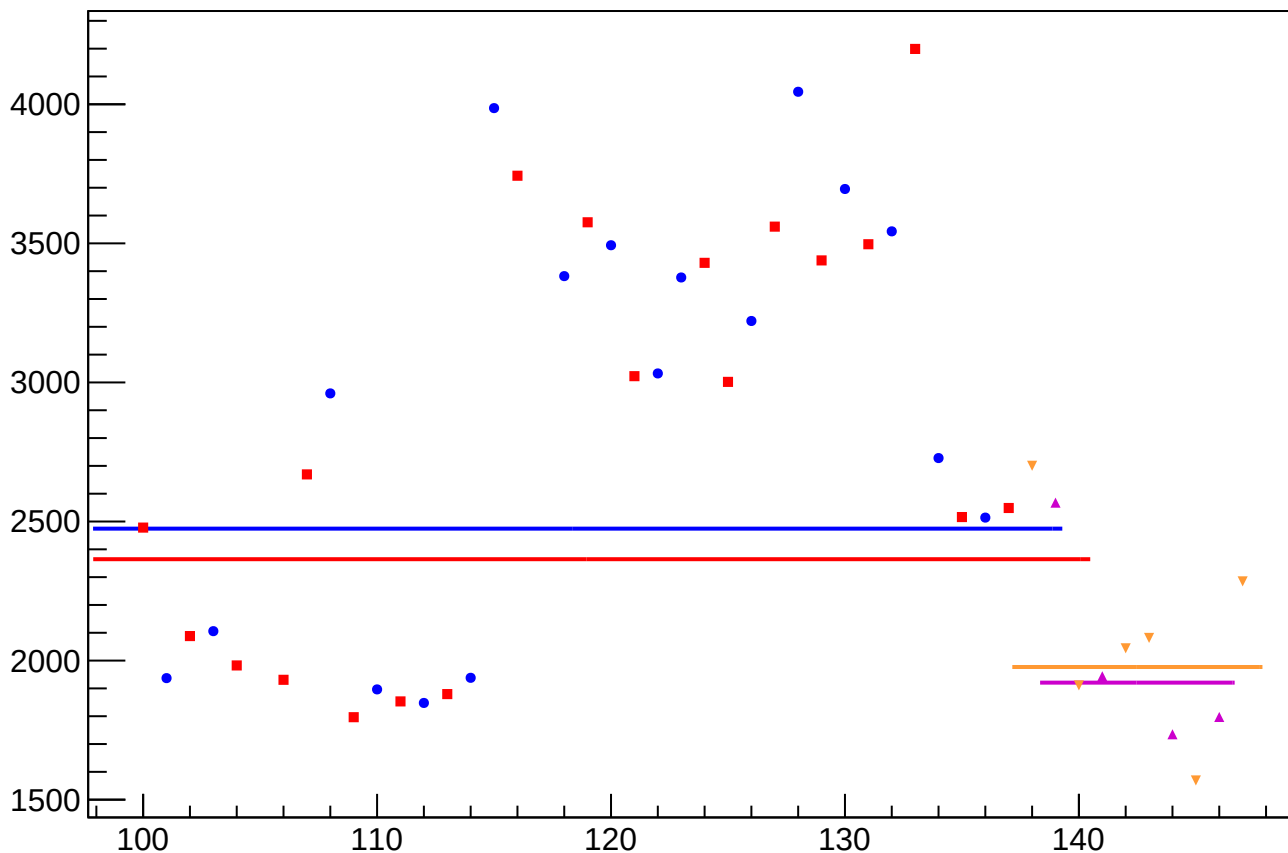
Right: -664.120+/-676.282 χ^2/NDF : 36.7/35

In: -591.947+/-728.630 χ^2/NDF :28.5/20

Out: 643.127+/-673.697 χ^2/NDF :35.0/24

All: 73.898+/-494.657 χ^2/NDF : 65.1/45

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389 +/- 0.702 χ^2/NDF : 906262.1/16

Left Out: 1976.945 +/- 0.696 χ^2/NDF : 241852.5/5

Right Out: 2364.507 +/- 0.653 χ^2/NDF : 1023402.8/18

Left In: 1920.742 +/- 0.759 χ^2/NDF : 126908.6/3

Left: 1951.263 +/- 0.513 χ^2/NDF : 371740.3/9

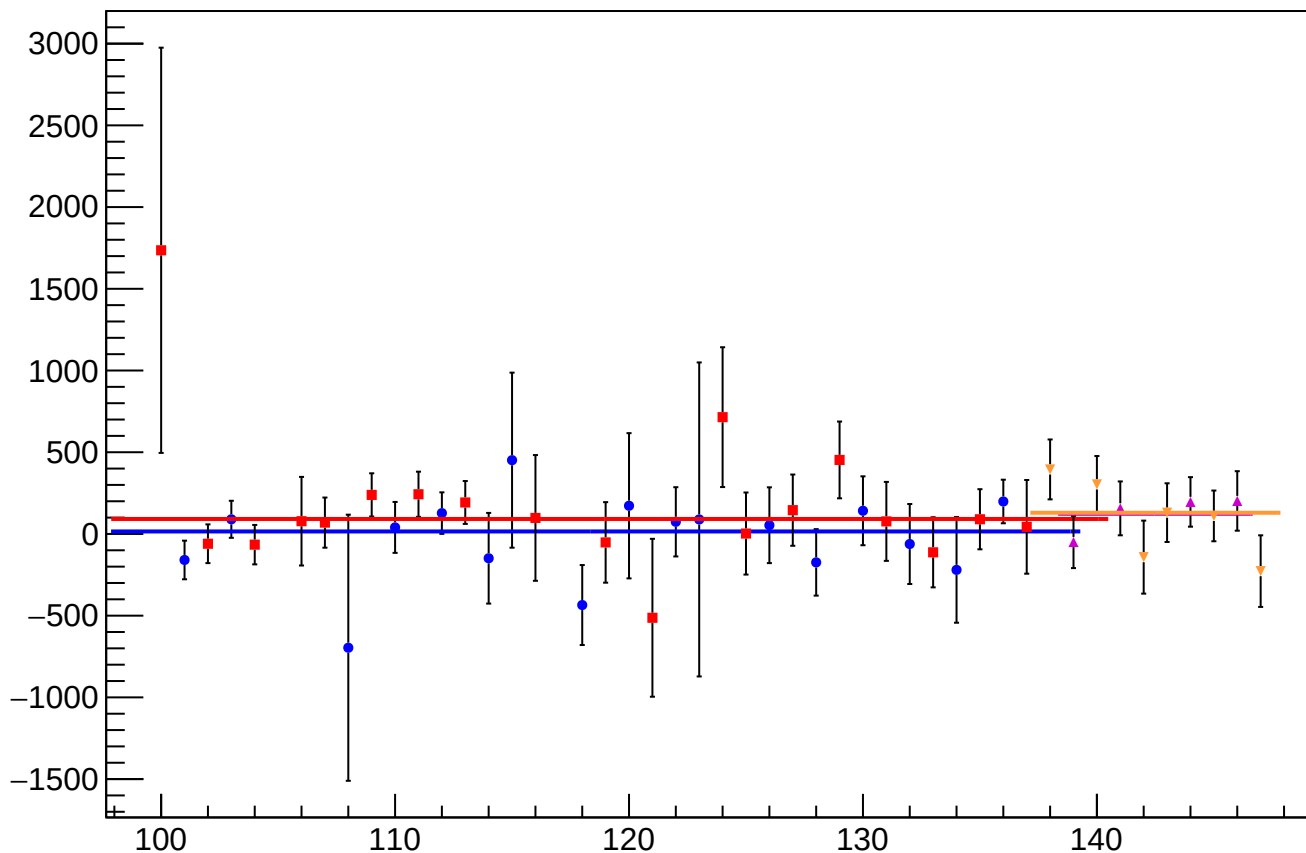
Right: 2415.527 +/- 0.478 χ^2/NDF : 1942797.3/35

In: 2219.145 +/- 0.515 χ^2/NDF : 1320099.1/20

Out: 2182.972 +/- 0.476 χ^2/NDF : 1430066.7/24

All: 2199.644 +/- 0.350 χ^2/NDF : 2752823.3/45

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 129.686+/-75.285 χ^2/NDF : 7.2/5

Right Out: 91.634+/-43.318 χ^2/NDF : 15.7/18

Left In: 123.243+/-81.713 χ^2/NDF : 1.6/3

Left: 126.728+/-55.368 χ^2/NDF : 8.9/9

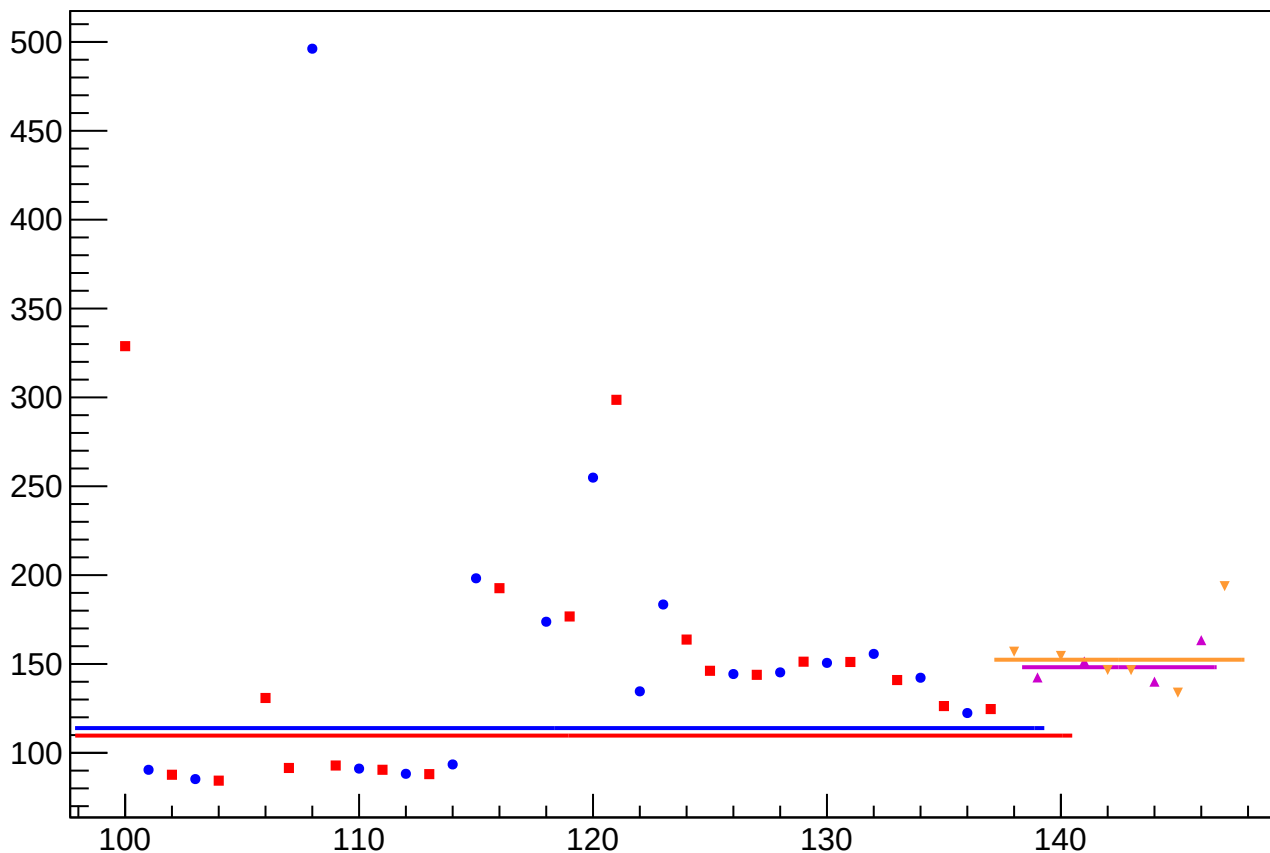
Right: 56.123+/-31.678 χ^2/NDF : 29.7/35

In: 41.658+/-40.377 χ^2/NDF : 15.5/20

Out: 101.098+/-37.547 χ^2/NDF : 23.1/24

All: 73.535+/-27.496 χ^2/NDF : 39.8/45

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 152.401 $\pm$ 0.053 χ^2 /NDF:104877.9/5

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

Left In: 148.184 $\pm$ 0.058 χ^2 /NDF:23105.7/3

Left: 150.465 $\pm$ 0.039 χ^2 /NDF: 130865.3/9

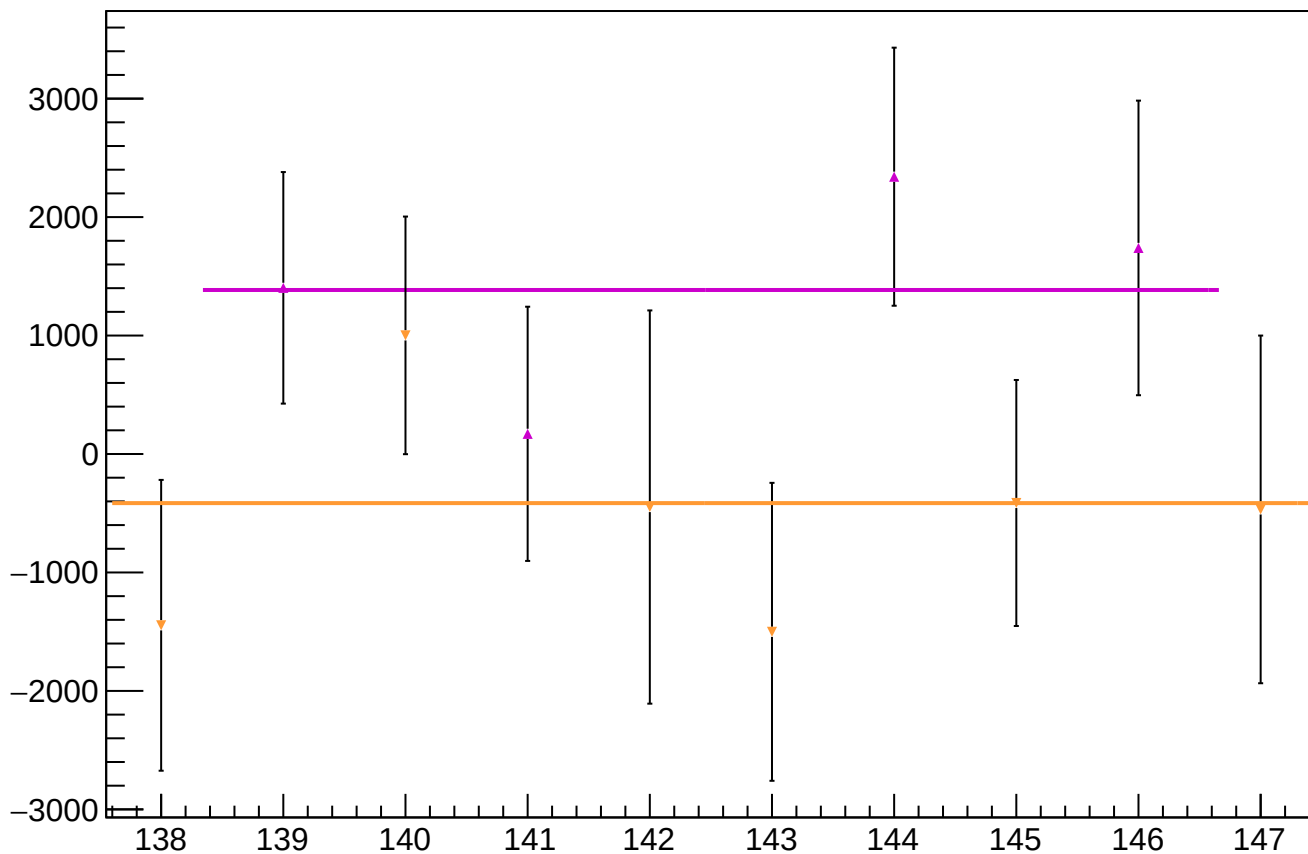
Right: 111.674 $\pm$ 0.022 χ^2 /NDF: 2658703.6/35

In: 122.295 $\pm$ 0.029 χ^2 /NDF:1696567.8/20

Out: 120.328 $\pm$ 0.027 χ^2 /NDF:1830061.2/24

All: 121.240 $\pm$ 0.019 χ^2 /NDF: 3529174.5/45

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -414.516+/-497.231 χ^2/NDF : 3.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1384.642+/-541.933 χ^2/NDF : 2.1/3

Left: 407.812+/-366.381 χ^2/NDF : 11.6/9

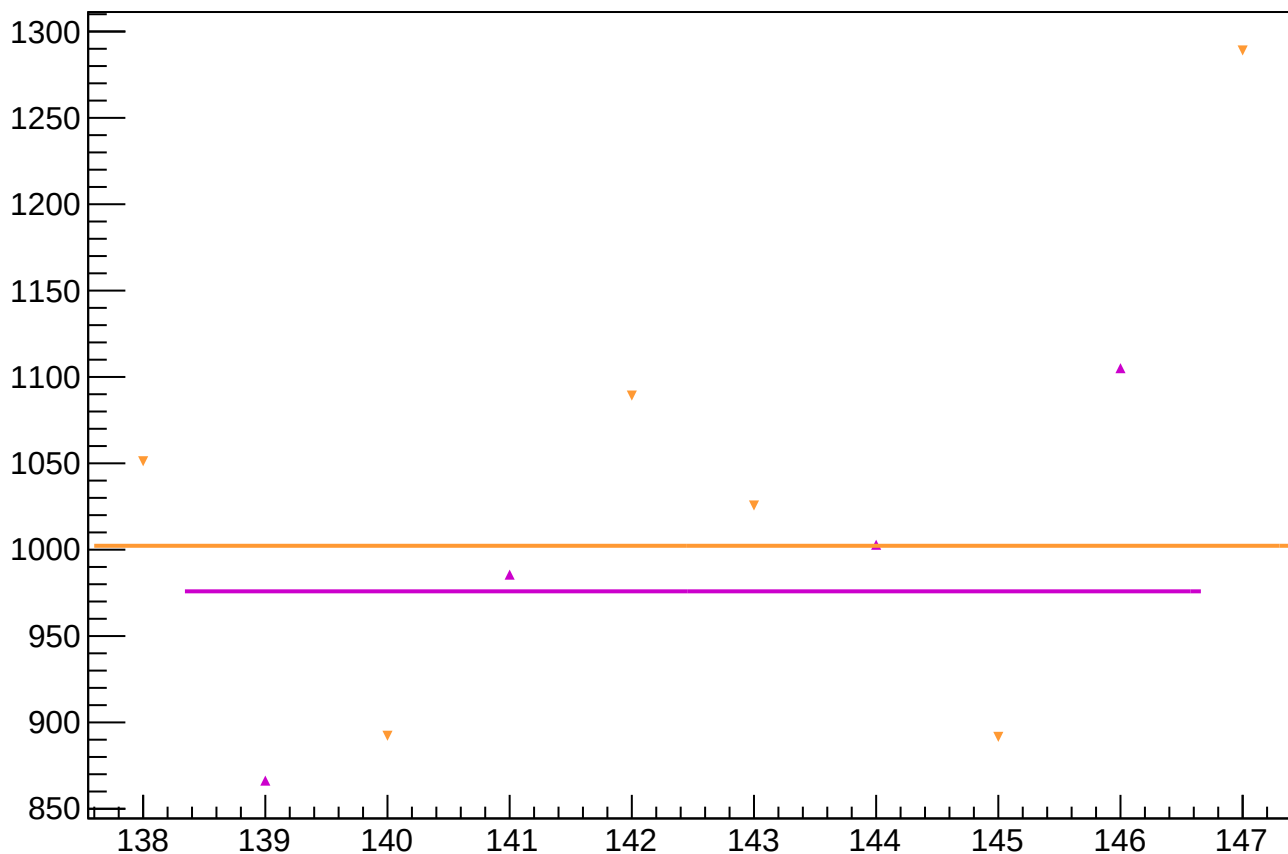
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1384.642+/-541.933 χ^2/NDF : 2.1/3

Out: -414.516+/-497.231 χ^2/NDF : 3.4/5

All: 407.812+/-366.381 χ^2/NDF : 11.6/9

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1002.264+/-0.352 χ^2/NDF :132470.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 975.889+/-0.383 χ^2/NDF :48119.0/3

Left: 990.209+/-0.259 χ^2/NDF : 183161.0/9

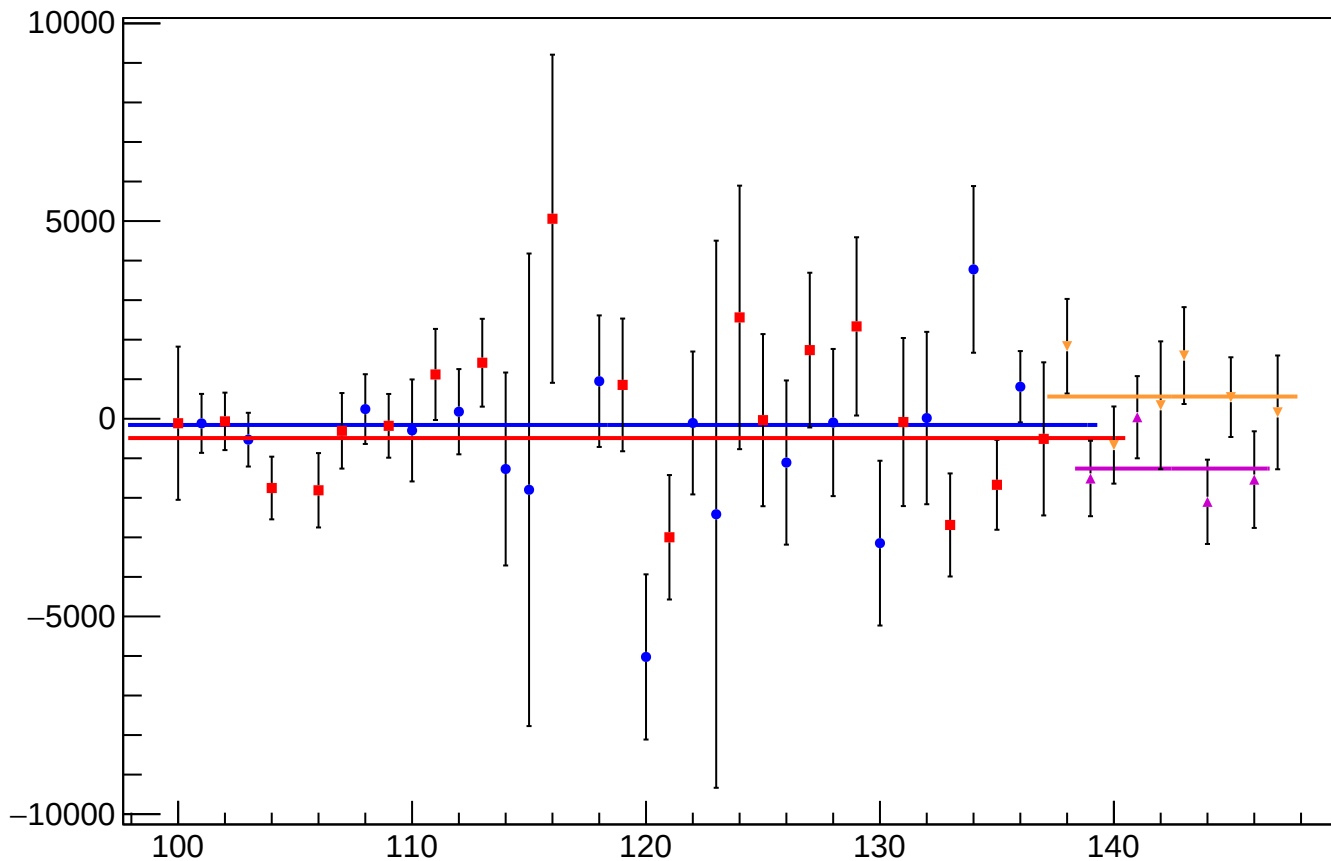
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 975.889+/-0.383 χ^2/NDF :48119.0/3

Out: 1002.264+/-0.352 χ^2/NDF :132470.0/5

All: 990.209+/-0.259 χ^2/NDF : 183161.0/9

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 561.454+/-484.183 χ^2/NDF : 3.5/5

Right Out: -488.583+/-282.758 χ^2/NDF : 22.6/18

Left In: -1259.858+/-529.036 χ^2/NDF : 2.3/3

Left: -268.733+/-357.175 χ^2/NDF : 12.3/9

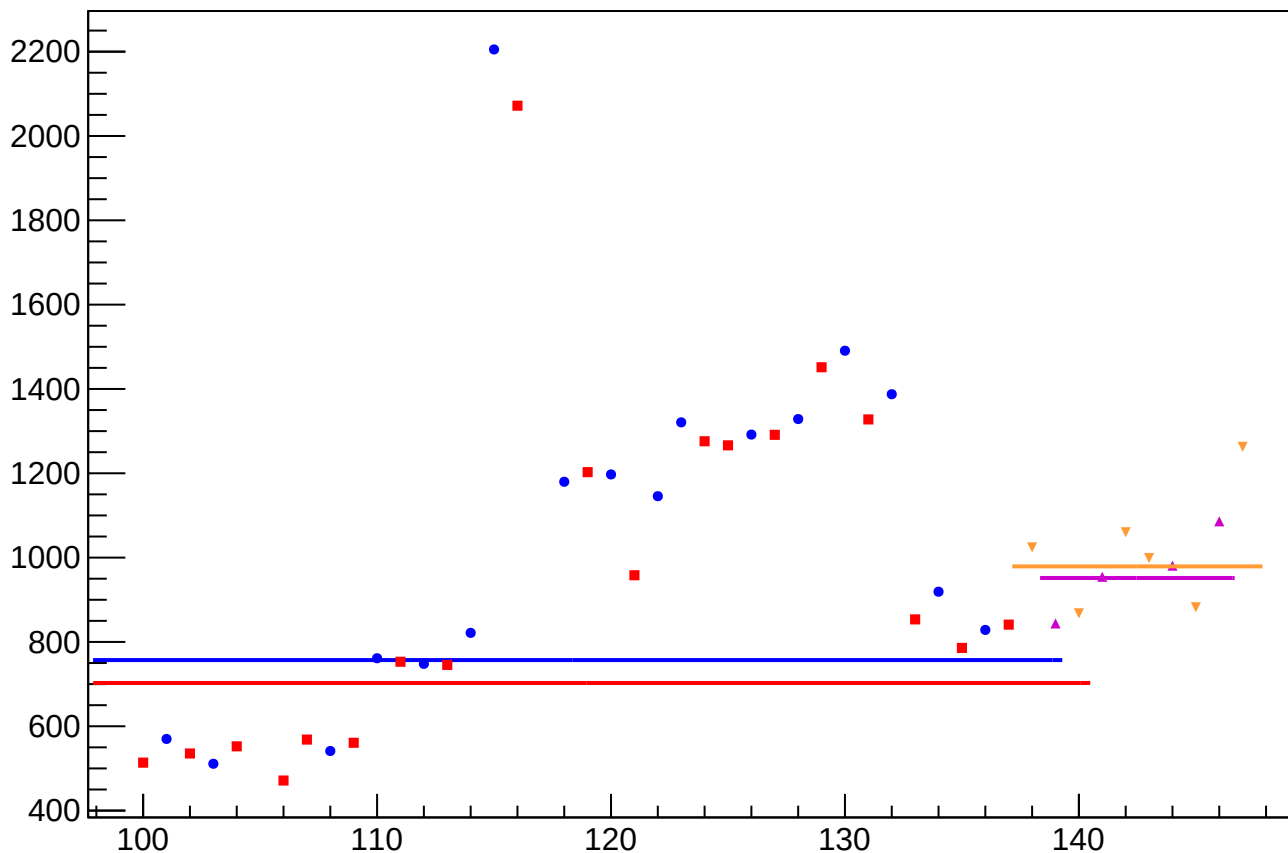
Right: -339.397+/-209.669 χ^2/NDF : 39.5/35

In: -442.405+/-269.064 χ^2/NDF : 21.8/20

Out: -221.545+/-244.171 χ^2/NDF : 29.7/24

All: -321.288+/-180.817 χ^2/NDF : 51.8/45

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 979.208 $\pm$ 0.342 χ^2 /NDF:130615.8/5

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

Left In: 951.685 $\pm$ 0.374 χ^2 /NDF:51216.1/3

Left: 966.663 $\pm$ 0.253 χ^2 /NDF: 184777.6/9

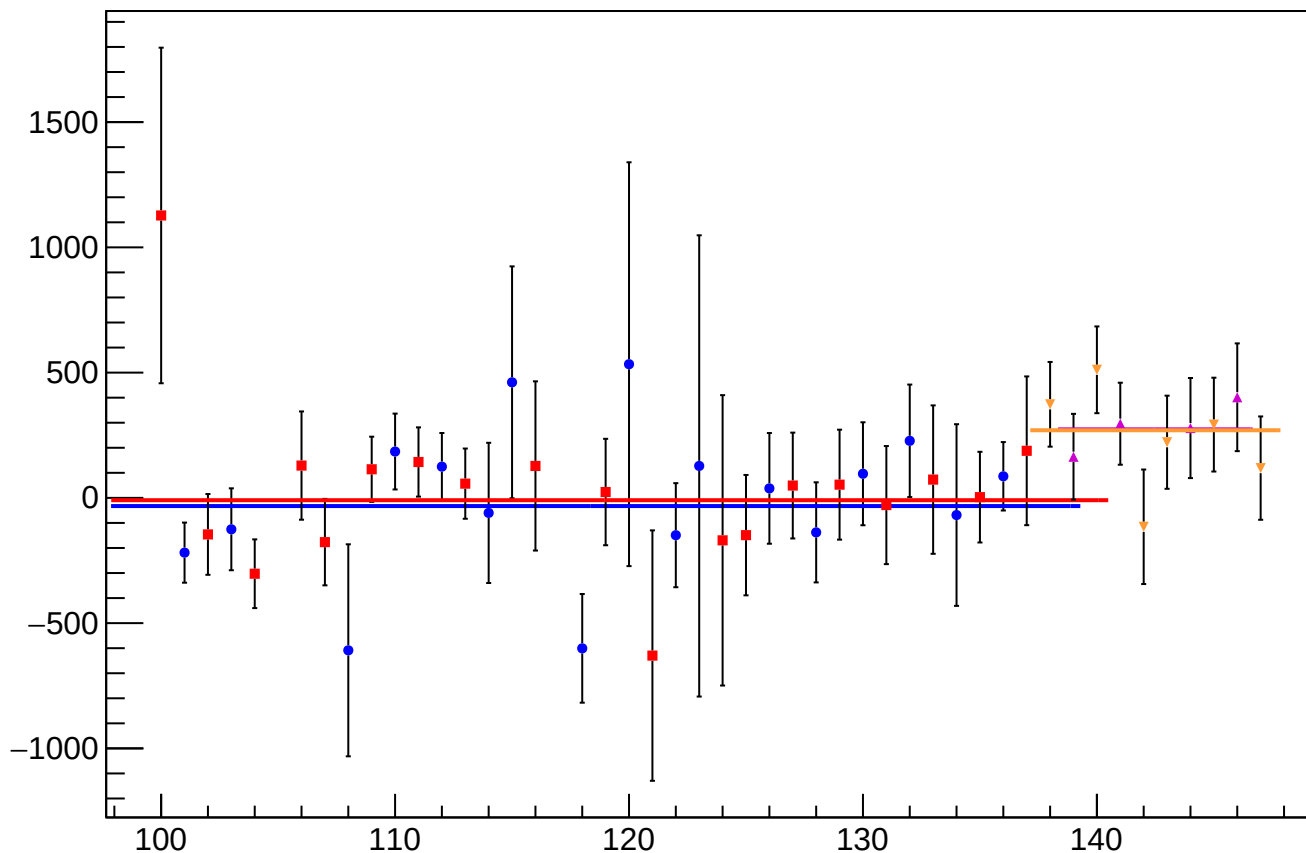
Right: 727.113 $\pm$ 0.148 χ^2 /NDF: 3434103.1/35

In: 807.347 $\pm$ 0.190 χ^2 /NDF:1963321.3/20

Out: 772.987 $\pm$ 0.173 χ^2 /NDF:2306739.4/24

All: 788.504 $\pm$ 0.128 χ^2 /NDF: 4287947.3/45

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 269.937 ± 77.046 χ^2/NDF : 5.8/5

Right Out: -9.277 ± 45.600 χ^2/NDF : 14.7/18

Left In: 273.598 ± 92.007 χ^2/NDF : 0.8/3

Left: 271.446 ± 59.070 χ^2/NDF : 6.6/9

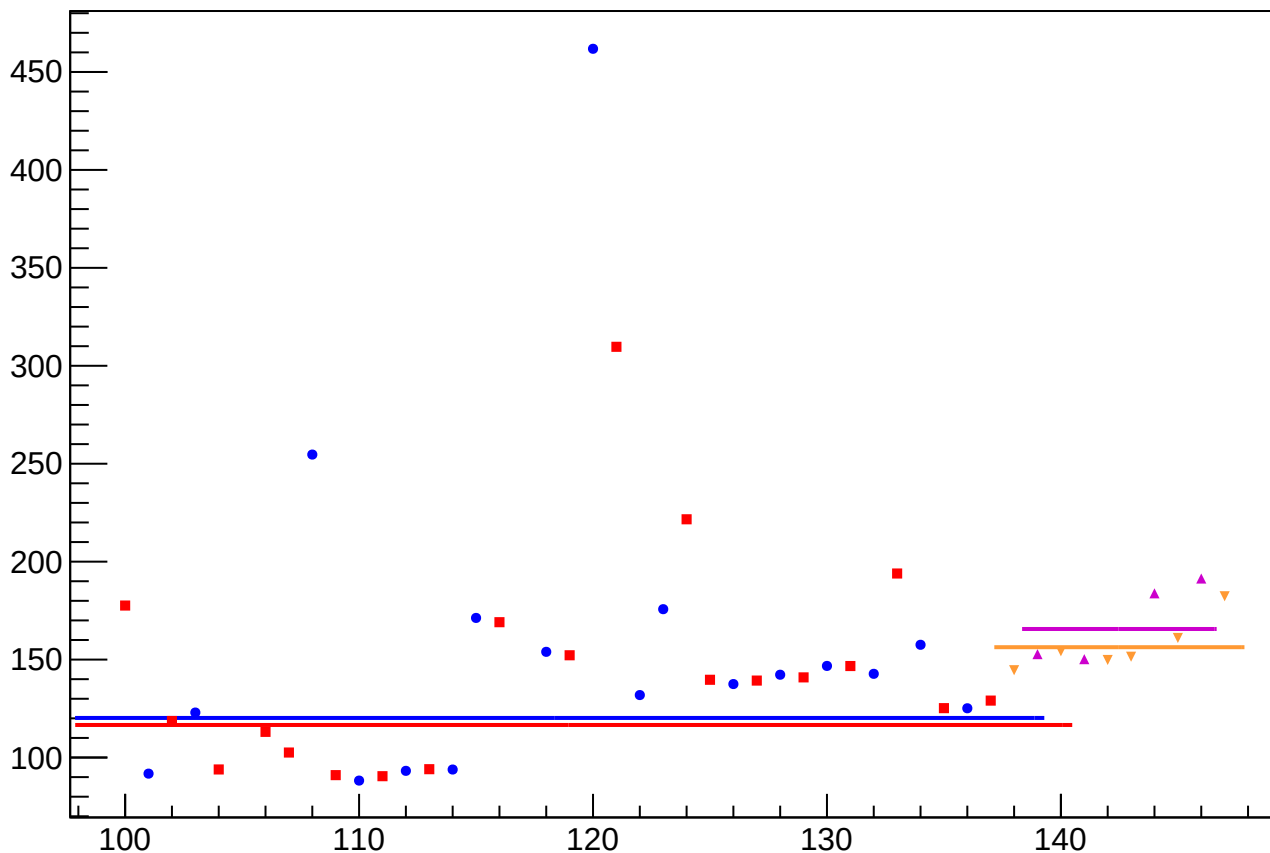
Right: -20.281 ± 33.200 χ^2/NDF : 34.6/35

In: 33.761 ± 42.856 χ^2/NDF : 29.2/20

Out: 63.156 ± 39.242 χ^2/NDF : 30.2/24

All: 49.750 ± 28.942 χ^2/NDF : 59.7/45

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2/NDF : 1062326.6/16

Left Out: 156.324 $\pm$ 0.054 χ^2/NDF :46013.1/5

Right Out: 116.618 $\pm$ 0.032 χ^2/NDF : 997956.6/18

Left In: 165.624 $\pm$ 0.065 χ^2/NDF :74277.8/3

Left: 160.157 $\pm$ 0.042 χ^2/NDF : 132301.7/9

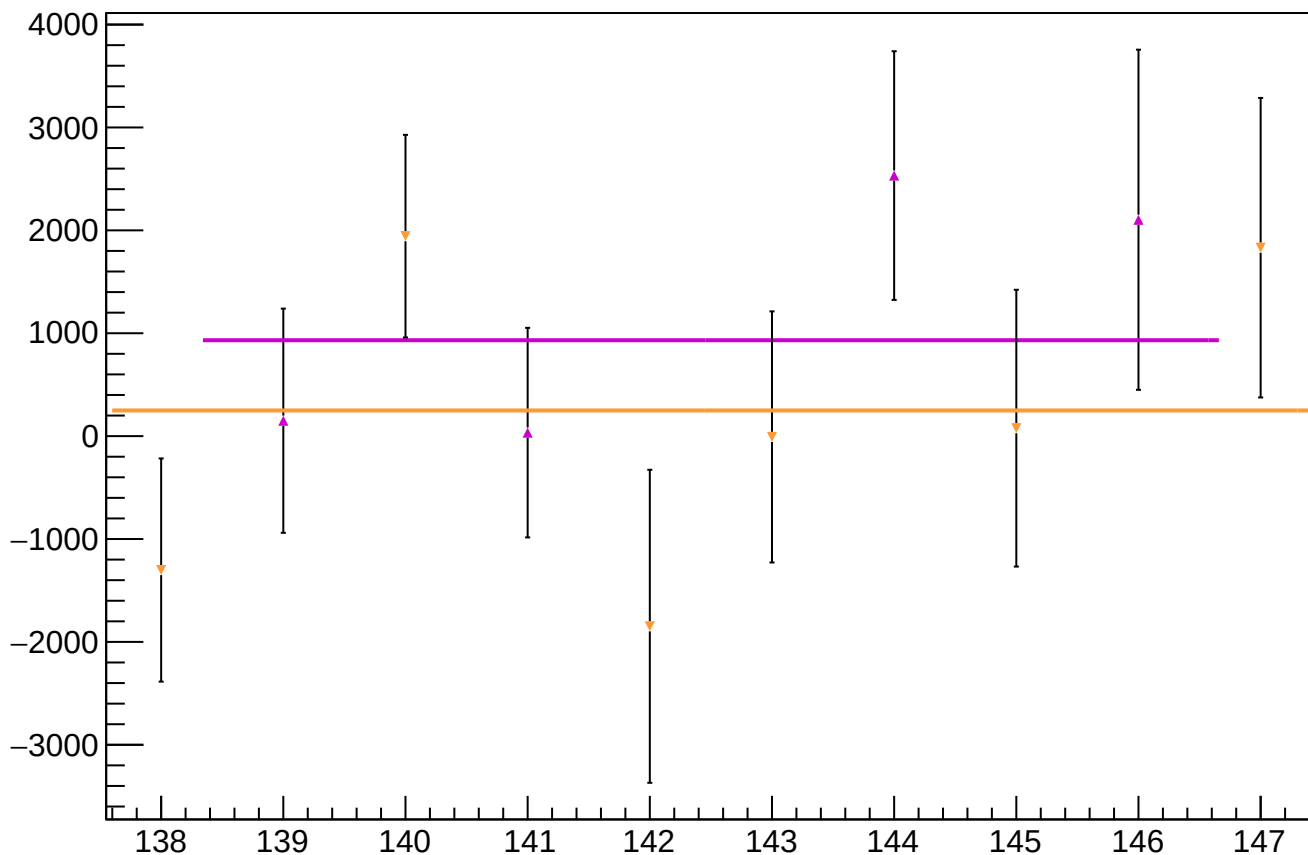
Right: 118.304 $\pm$ 0.023 χ^2/NDF : 2066104.2/35

In: 130.061 $\pm$ 0.030 χ^2/NDF :1518201.5/20

Out: 126.918 $\pm$ 0.028 χ^2/NDF :1437352.5/24

All: 128.351 $\pm$ 0.020 χ^2/NDF : 2961402.1/45

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 249.719+/-499.382 χ^2/NDF : 8.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 932.088+/-591.627 χ^2/NDF : 3.5/3

Left: 533.619+/-381.611 χ^2/NDF : 12.5/9

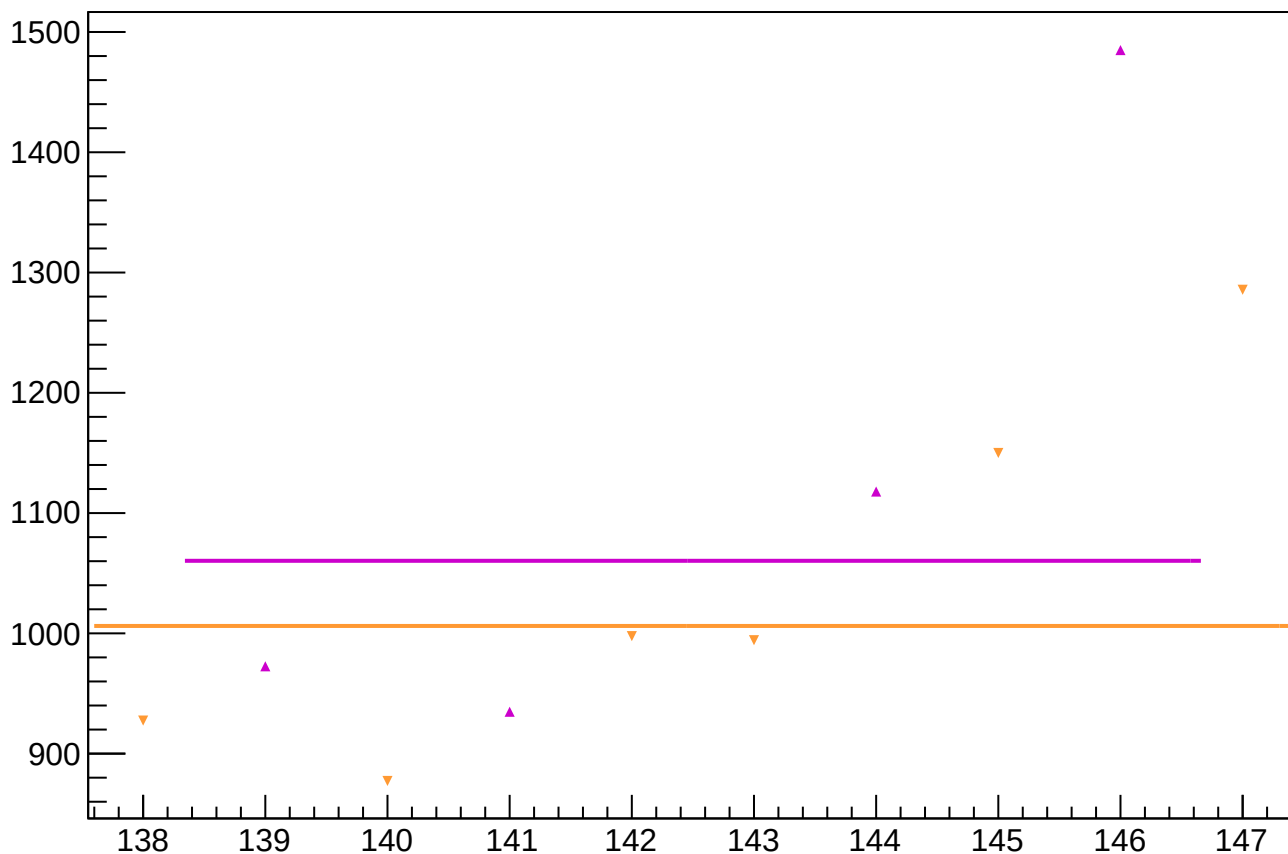
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 932.088+/-591.627 χ^2/NDF : 3.5/3

Out: 249.719+/-499.382 χ^2/NDF : 8.1/5

All: 533.619+/-381.611 χ^2/NDF : 12.5/9

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1006.152+/-0.353 χ^2/NDF :141668.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1060.321+/-0.418 χ^2/NDF :179848.0/3

Left: 1028.689+/-0.270 χ^2/NDF : 331307.5/9

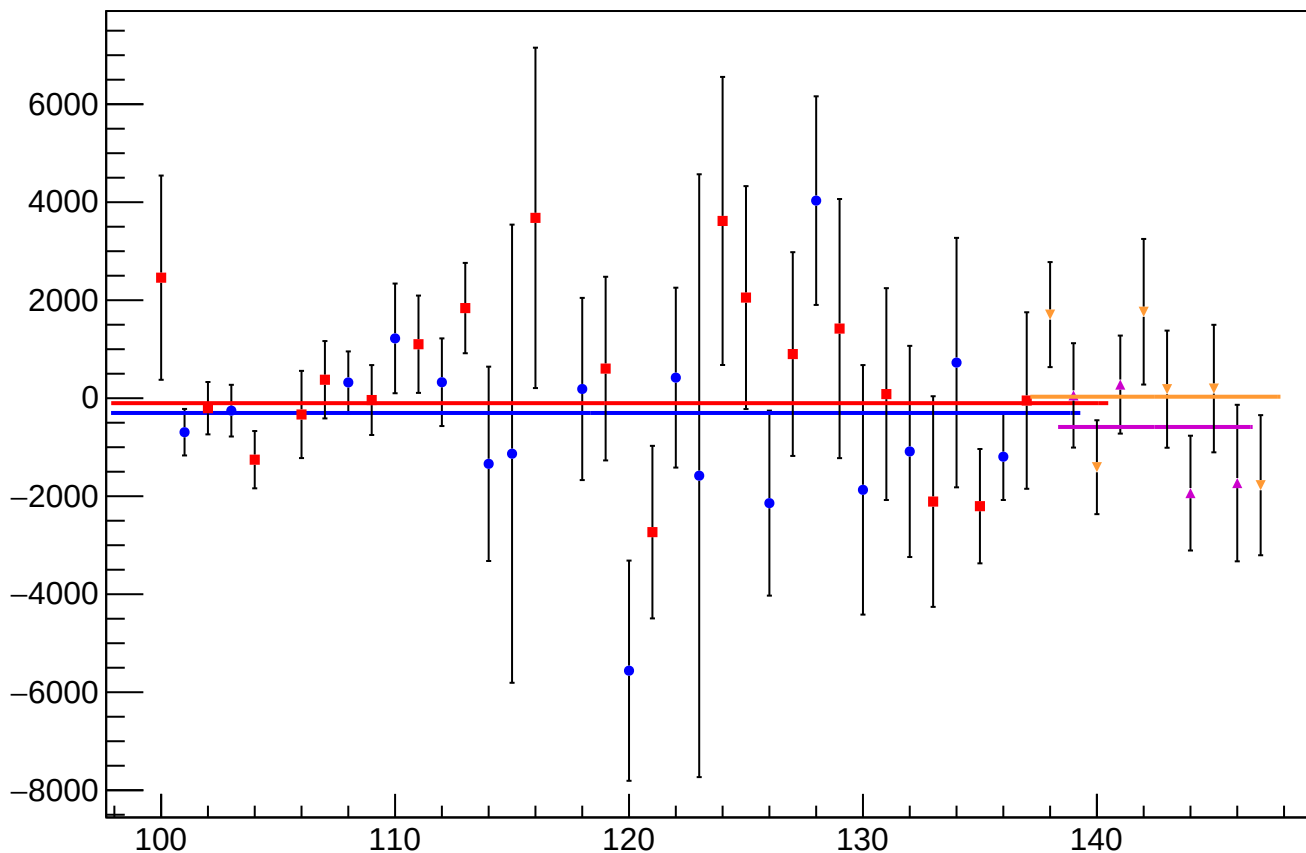
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1060.321+/-0.418 χ^2/NDF :179848.0/3

Out: 1006.152+/-0.353 χ^2/NDF :141668.7/5

All: 1028.689+/-0.270 χ^2/NDF : 331307.5/9

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: 30.610 ± 488.388 χ^2/NDF : 7.7/5

Right Out: -100.857 ± 245.981 χ^2/NDF : 22.5/18

Left In: -586.723 ± 577.170 χ^2/NDF : 3.0/3

Left: -226.975 ± 372.825 χ^2/NDF : 11.3/9

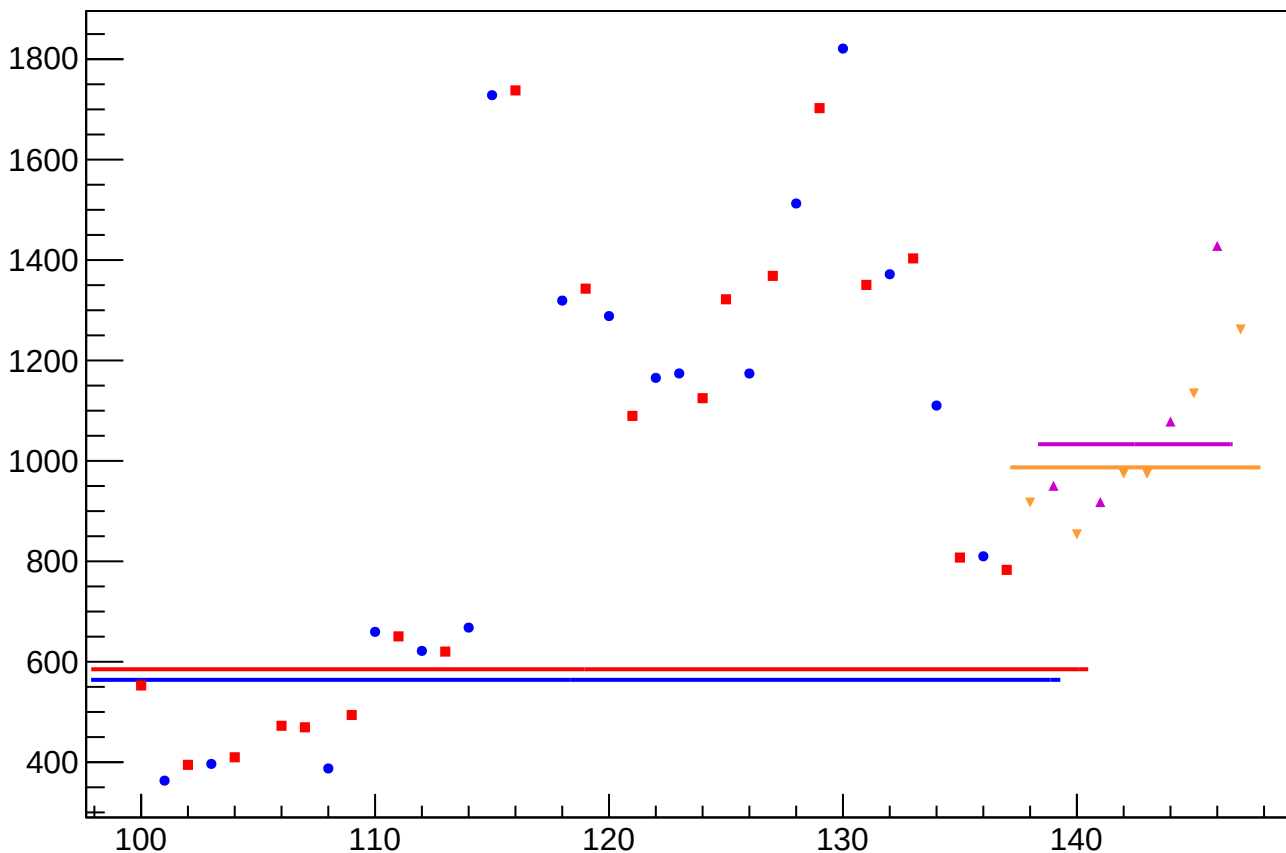
Right: -199.290 ± 175.353 χ^2/NDF : 39.7/35

In: -346.151 ± 229.437 χ^2/NDF : 20.0/20

Out: -74.256 ± 219.690 χ^2/NDF : 30.3/24

All: -204.305 ± 158.678 χ^2/NDF : 51.0/45

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 987.147 $\pm$ 0.345 χ^2 /NDF: 147106.5/5

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

Left In: 1033.180 $\pm$ 0.408 χ^2 /NDF: 163818.7/3

Left: 1006.354 $\pm$ 0.264 χ^2 /NDF: 318338.9/9

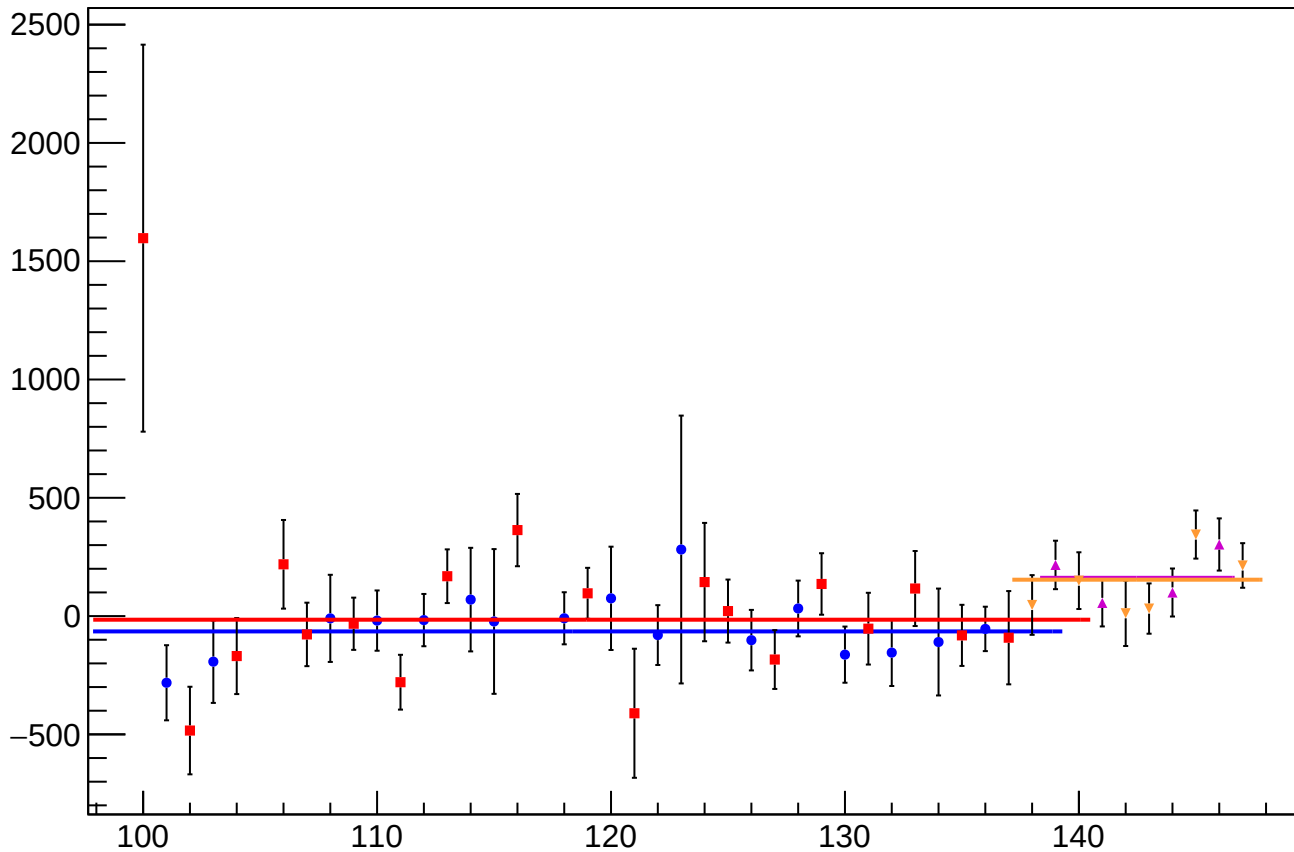
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 638.144 $\pm$ 0.162 χ^2 /NDF: 4538052.2/20

Out: 666.427 $\pm$ 0.155 χ^2 /NDF: 4049215.5/24

All: 652.899 $\pm$ 0.112 χ^2 /NDF: 8603123.0/45

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 153.800 ± 45.540 χ^2/NDF : 7.0/5

Right Out: -15.294 ± 33.422 χ^2/NDF : 35.0/18

Left In: 161.773 ± 51.584 χ^2/NDF : 3.4/3

Left: 157.292 ± 34.140 χ^2/NDF : 10.5/9

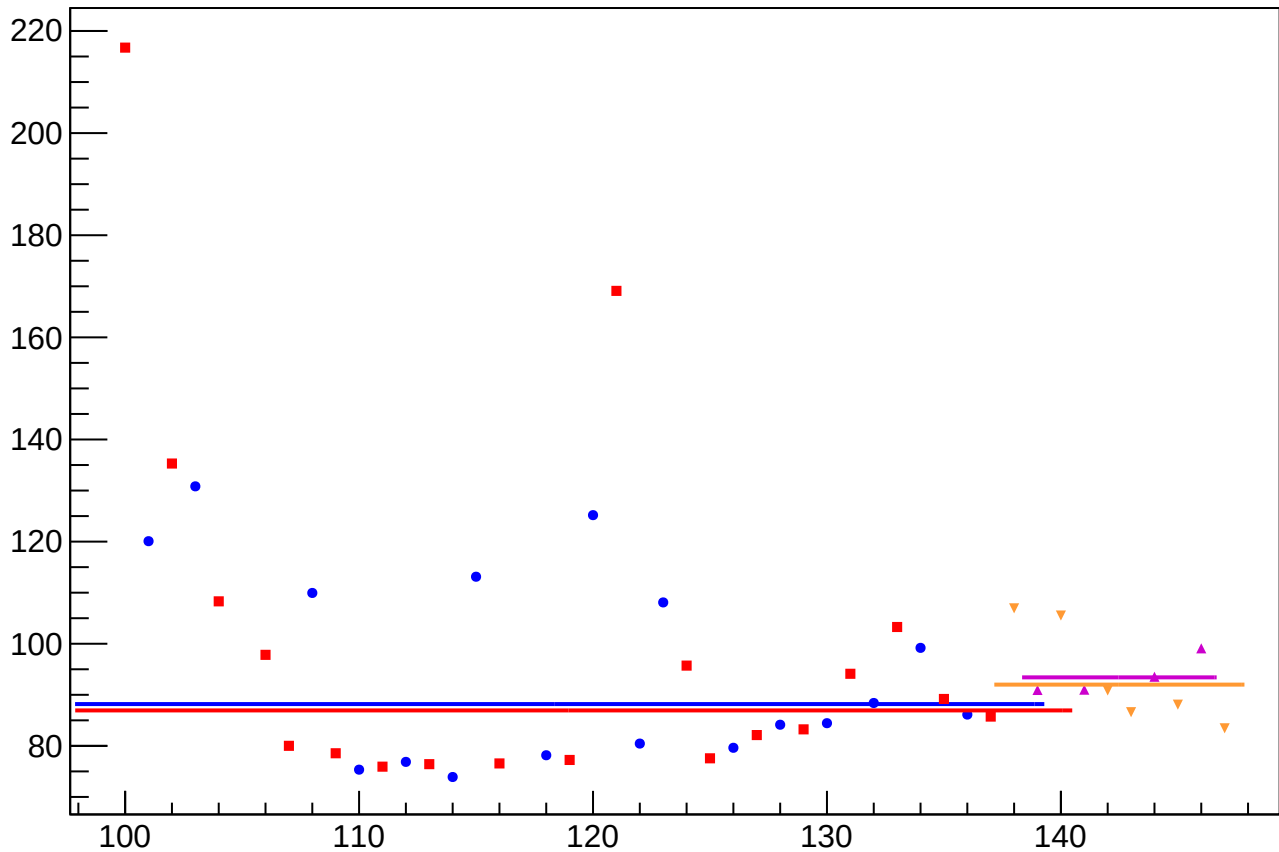
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: 5.589 ± 28.752 χ^2/NDF : 22.9/20

Out: 43.899 ± 26.944 χ^2/NDF : 51.0/24

All: 25.986 ± 19.660 χ^2/NDF : 74.8/45

dit_asym_sam7_rms vs Slug, Sign Corrected

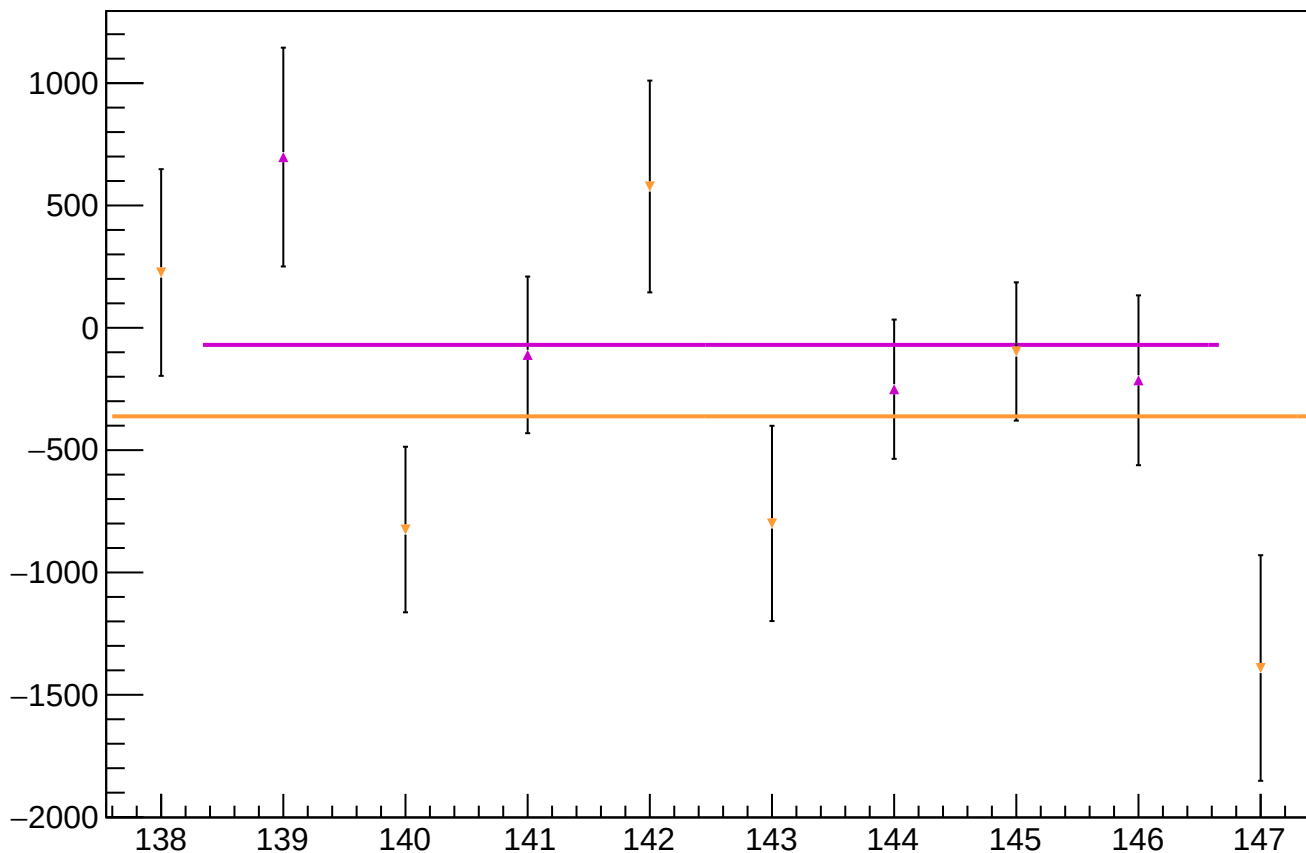


Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16
 Left Out: 91.996+/-0.032 χ^2/NDF : 78253.2/5
 Right Out: 86.943+/-0.024 χ^2/NDF : 531359.9/18
 Left In: 93.415+/-0.036 χ^2/NDF : 7647.6/3

Left: 92.618+/-0.024 χ^2/NDF : 86751.5/9
 Right: 87.542+/-0.017 χ^2/NDF : 927142.1/35
 In: 89.811+/-0.020 χ^2/NDF : 416264.0/20
 Out: 88.712+/-0.019 χ^2/NDF : 625619.3/24

All: 89.226+/-0.014 χ^2/NDF : 1043438.5/45

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -361.798+/-152.160 χ^2/NDF :15.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.719+/-168.069 χ^2/NDF :3.5/3

Left: -230.233+/-112.800 χ^2/NDF : 20.8/9

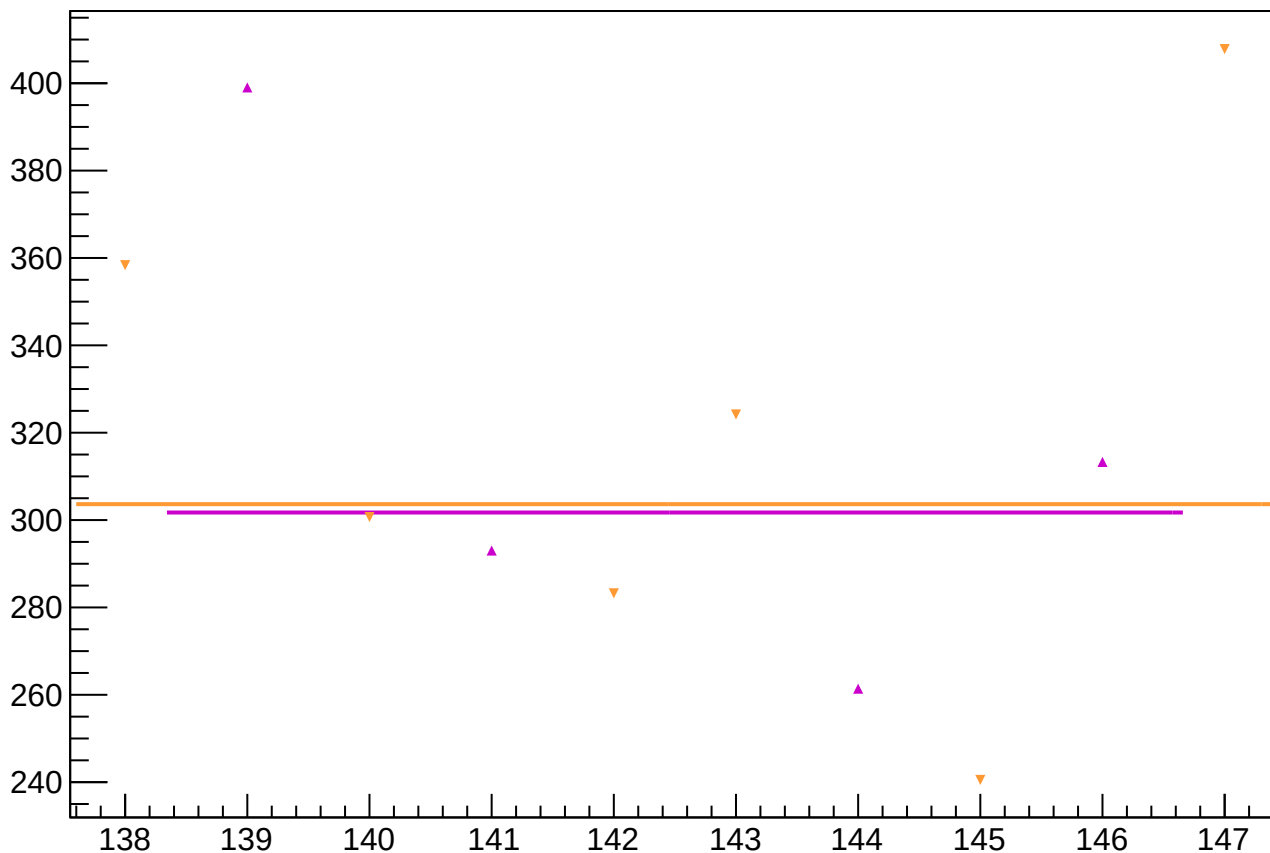
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.719+/-168.069 χ^2/NDF :3.5/3

Out: -361.798+/-152.160 χ^2/NDF :15.6/5

All: -230.233+/-112.800 χ^2/NDF : 20.8/9

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 303.643+/-0.108 χ^2/NDF :245449.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 301.730+/-0.119 χ^2/NDF :138591.8/3

Left: 302.781+/-0.080 χ^2/NDF : 384183.6/9

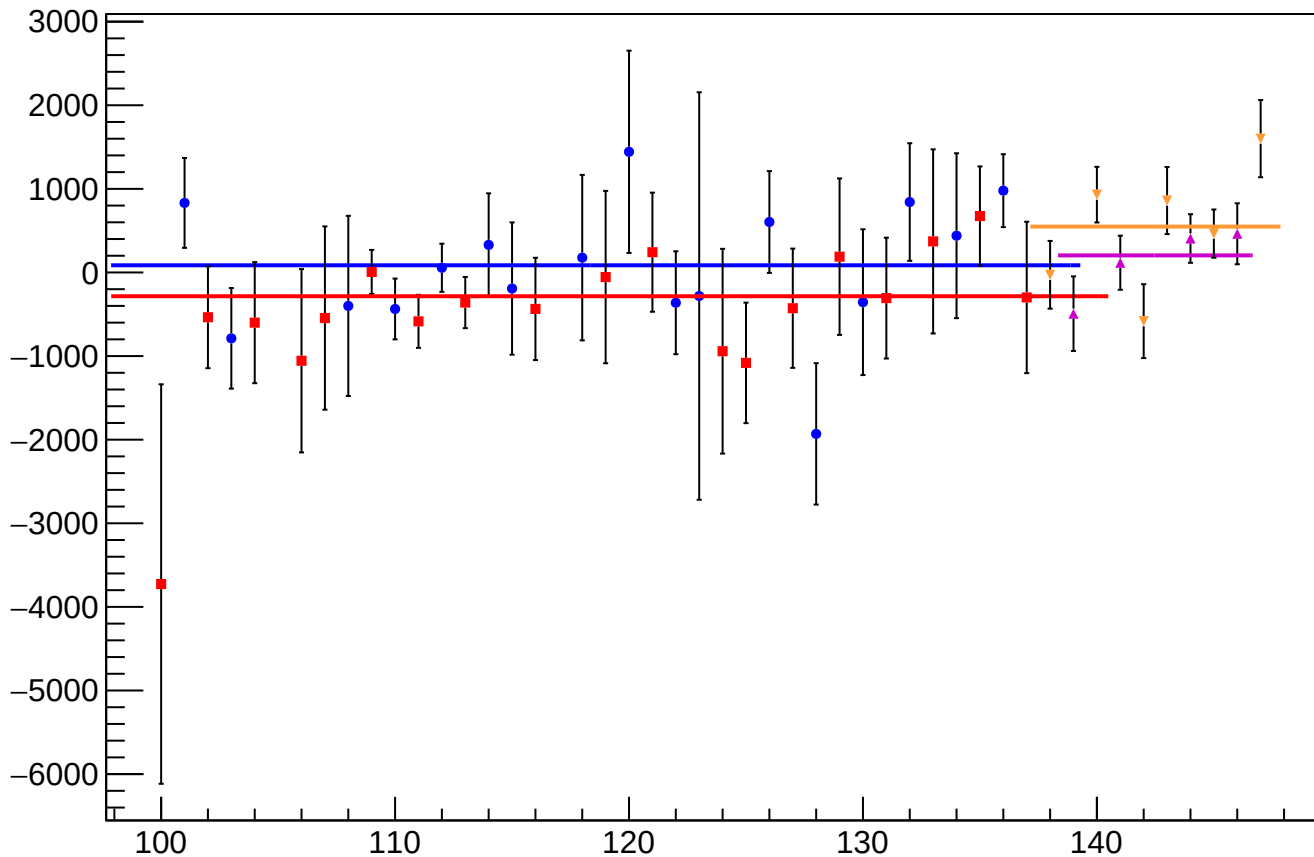
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 301.730+/-0.119 χ^2/NDF :138591.8/3

Out: 303.643+/-0.108 χ^2/NDF :245449.5/5

All: 302.781+/-0.080 χ^2/NDF : 384183.6/9

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 548.540 ± 152.179 χ^2/NDF : 15.8/5

Right Out: -284.456 ± 129.599 χ^2/NDF : 10.6/18

Left In: 204.294 ± 171.670 χ^2/NDF : 3.5/3

Left: 397.060 ± 113.877 χ^2/NDF : 21.5/9

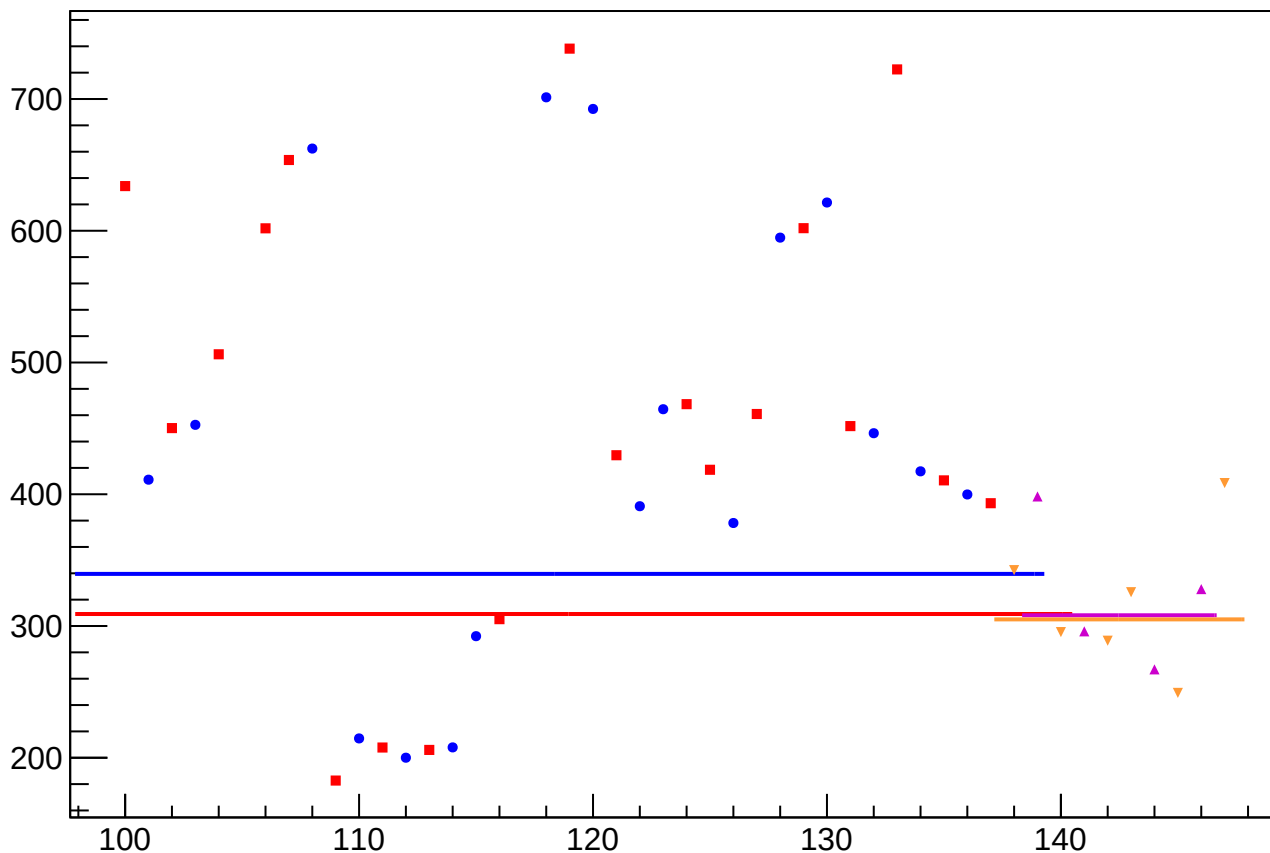
Right: -116.969 ± 95.908 χ^2/NDF : 34.9/35

In: 134.185 ± 109.693 χ^2/NDF : 24.3/20

Out: 65.716 ± 98.668 χ^2/NDF : 43.7/24

All: 96.338 ± 73.358 χ^2/NDF : 68.3/45

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 305.027 $\pm$ 0.108 χ^2 /NDF:201960.9/5

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

Left In: 308.143 $\pm$ 0.121 χ^2 /NDF:130345.2/3

Left: 306.398 $\pm$ 0.081 χ^2 /NDF: 332675.1/9

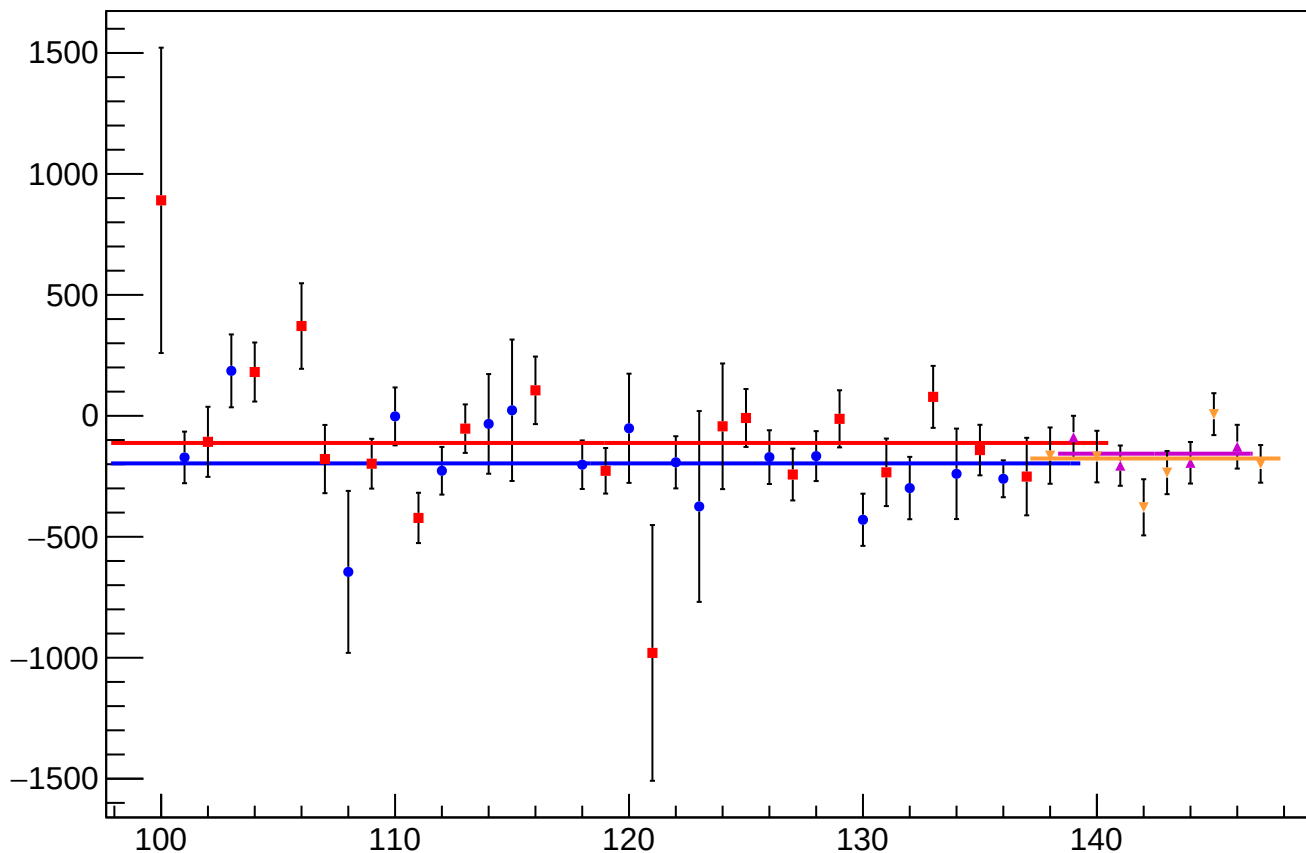
Right: 322.878 $\pm$ 0.068 χ^2 /NDF: 4822487.1/35

In: 326.729 $\pm$ 0.078 χ^2 /NDF:2212204.9/20

Out: 307.391 $\pm$ 0.070 χ^2 /NDF:2933102.0/24

All: 316.039 $\pm$ 0.052 χ^2 /NDF: 5179665.2/45

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -176.316 ± 38.920 χ^2/NDF : 8.0/5

Right Out: -112.097 ± 29.622 χ^2/NDF : 39.3/18

Left In: -156.432 ± 43.465 χ^2/NDF : 1.2/3

Left: -167.468 ± 28.995 χ^2/NDF : 9.4/9

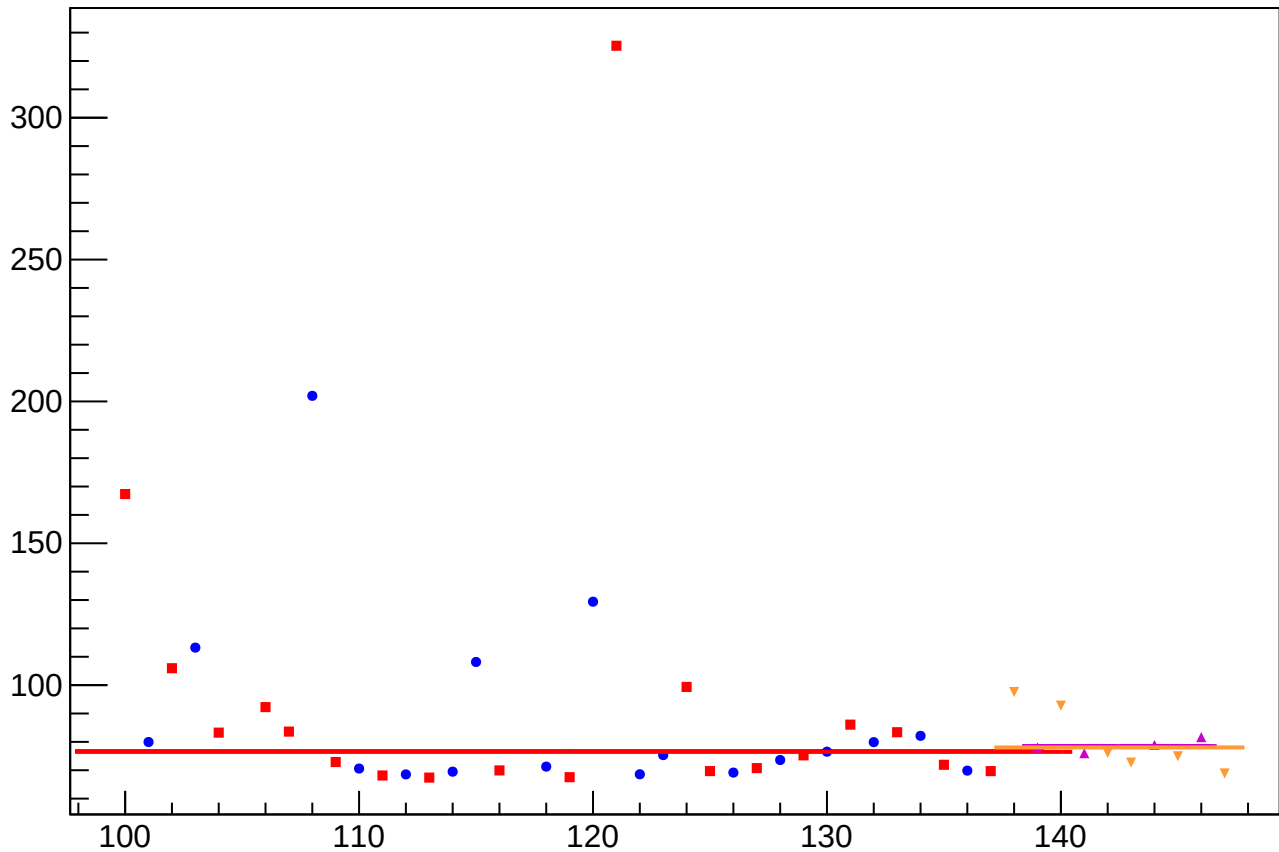
Right: -153.254 ± 21.215 χ^2/NDF : 62.3/35

In: -183.406 ± 24.911 χ^2/NDF : 20.8/20

Out: -135.652 ± 23.571 χ^2/NDF : 49.1/24

All: -158.210 ± 17.121 χ^2/NDF : 71.9/45

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 78.029 $\pm$ 0.028 χ^2 /NDF:132732.9/5

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

Left In: 78.549 $\pm$ 0.031 χ^2 /NDF:4342.6/3

Left: 78.260 $\pm$ 0.021 χ^2 /NDF: 137234.6/9

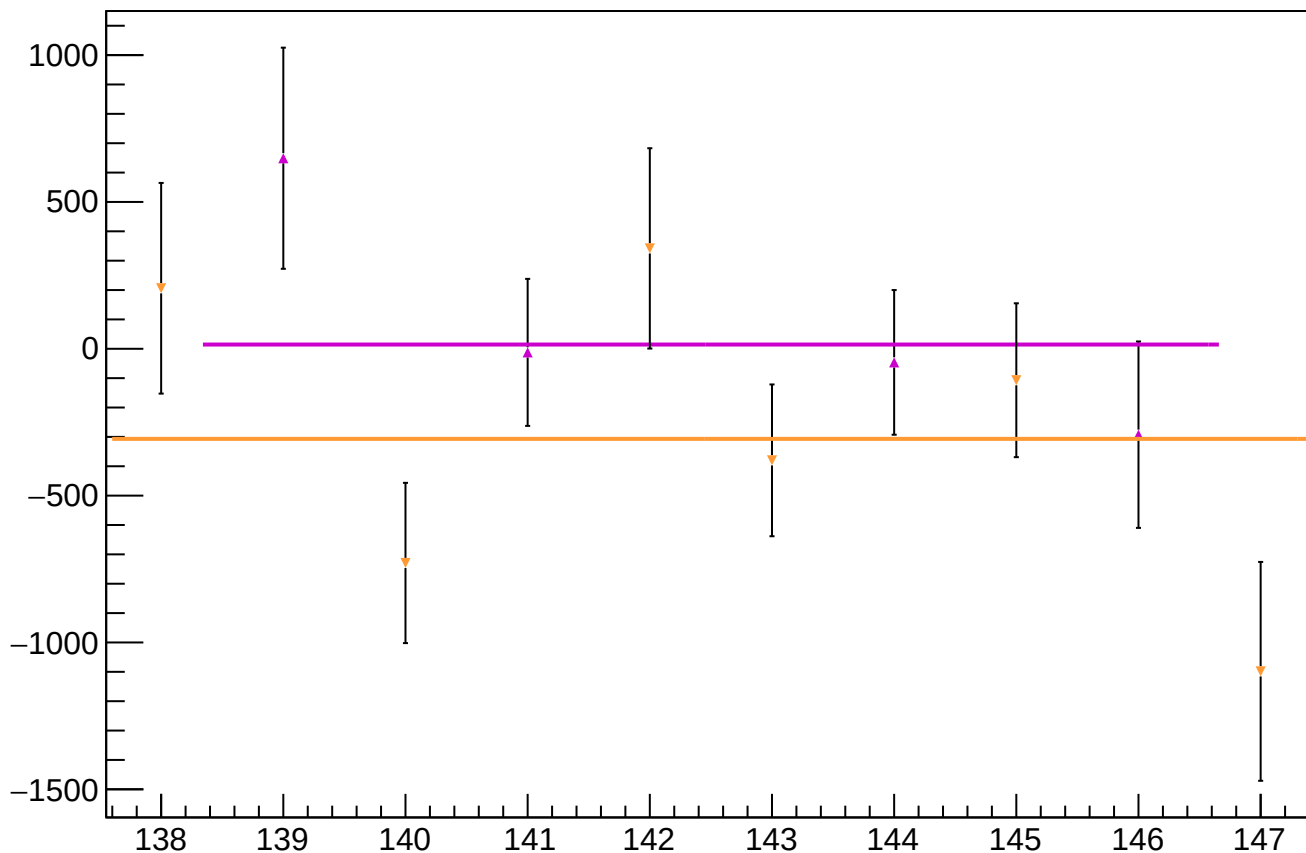
Right: 76.583 $\pm$ 0.015 χ^2 /NDF: 1299760.4/35

In: 77.302 $\pm$ 0.018 χ^2 /NDF:607142.7/20

Out: 77.047 $\pm$ 0.017 χ^2 /NDF:834103.1/24

All: 77.168 $\pm$ 0.012 χ^2 /NDF: 1441356.2/45

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -306.751+/-122.585 χ^2/NDF :13.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.460+/-142.248 χ^2/NDF :3.8/3

Left: -169.863+/-92.861 χ^2/NDF : 20.0/9

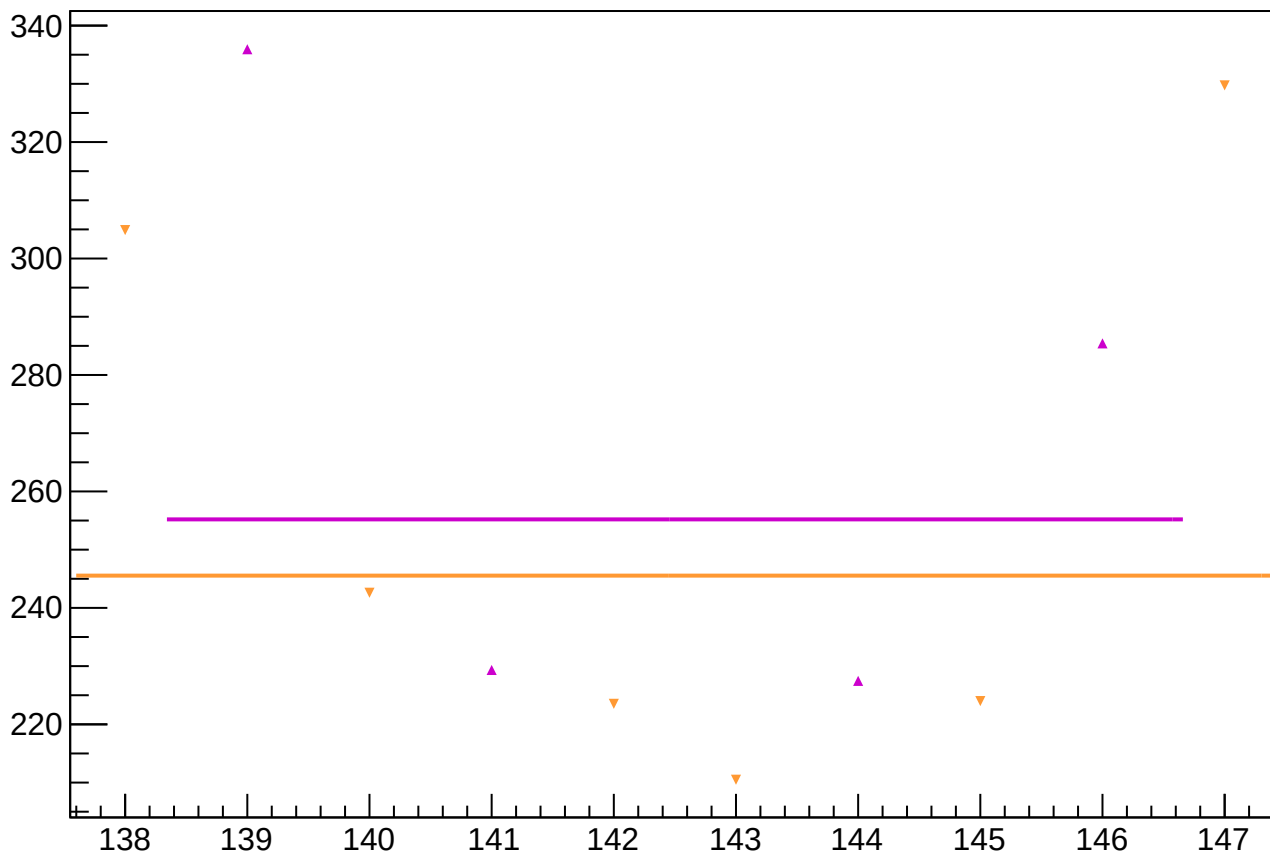
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.460+/-142.248 χ^2/NDF :3.8/3

Out: -306.751+/-122.585 χ^2/NDF :13.2/5

All: -169.863+/-92.861 χ^2/NDF : 20.0/9

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 245.542+/-0.087 χ^2/NDF :215728.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 255.200+/-0.101 χ^2/NDF :156812.2/3

Left: 249.658+/-0.066 χ^2/NDF : 377831.4/9

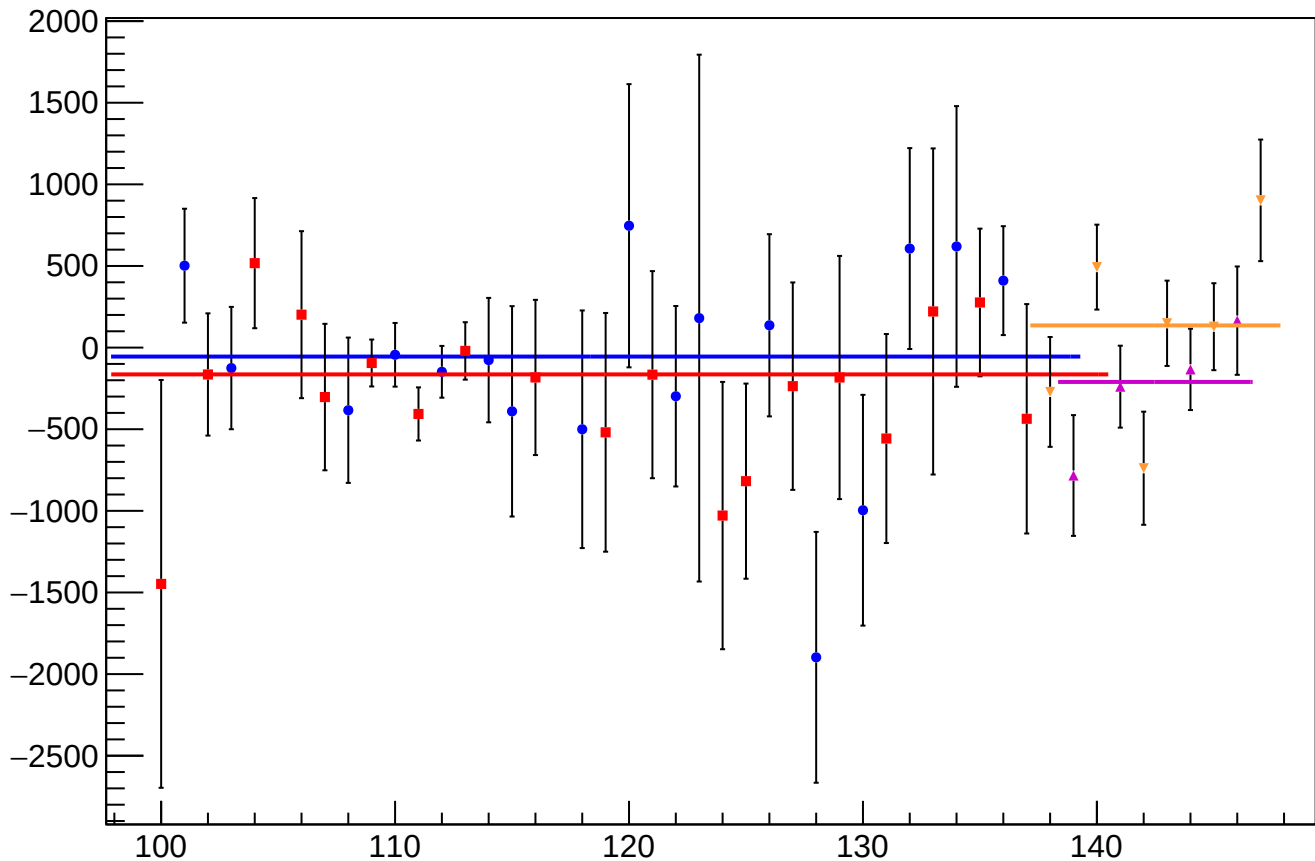
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 255.200+/-0.101 χ^2/NDF :156812.2/3

Out: 245.542+/-0.087 χ^2/NDF :215728.3/5

All: 249.658+/-0.066 χ^2/NDF : 377831.4/9

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 135.814 ± 121.360 $\chi^2/\text{NDF}: 14.0/5$

Right Out: -164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

Left In: -210.343 ± 143.768 $\chi^2/\text{NDF}: 3.8/3$

Left: -8.216 ± 92.737 $\chi^2/\text{NDF}: 21.1/9$

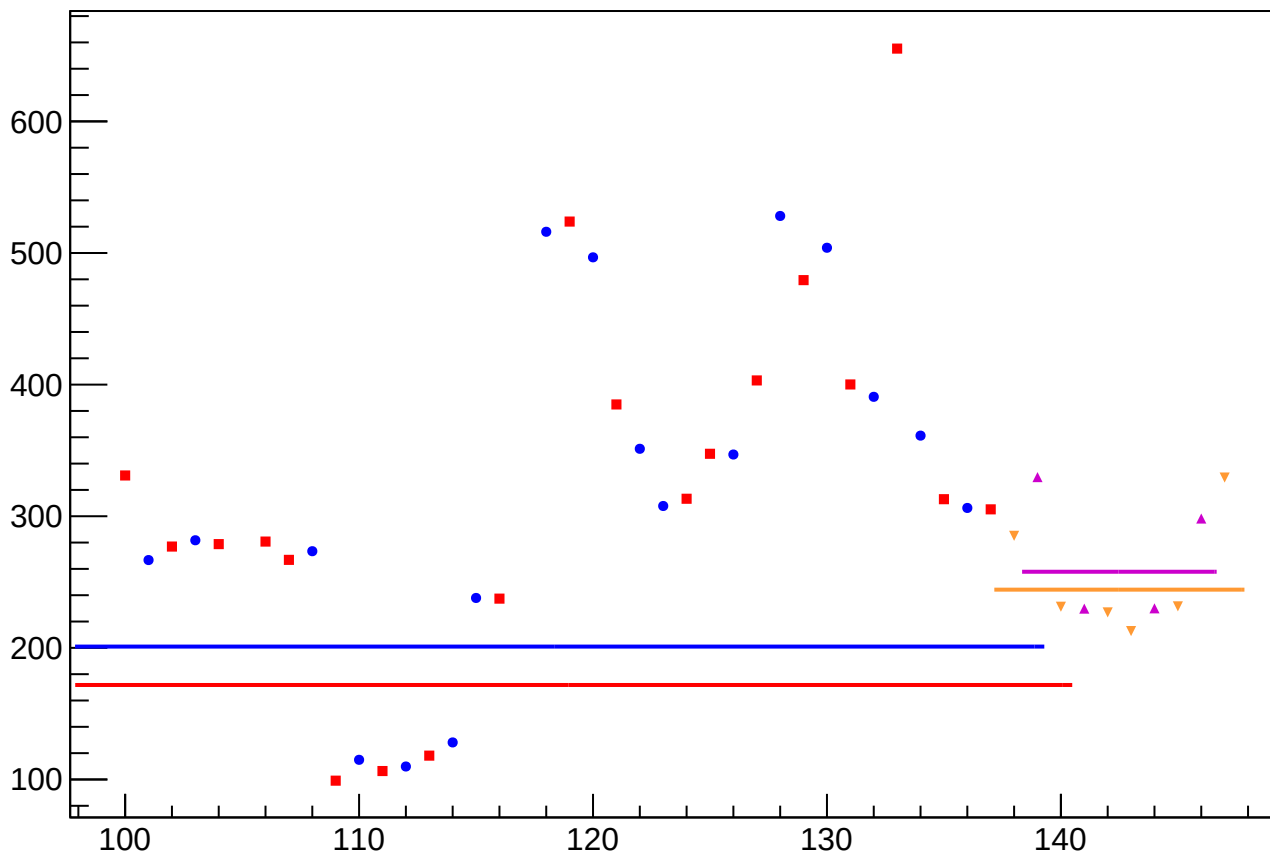
Right: -118.264 ± 58.563 $\chi^2/\text{NDF}: 29.3/35$

In: -98.937 ± 76.501 $\chi^2/\text{NDF}: 21.2/20$

Out: -78.203 ± 64.959 $\chi^2/\text{NDF}: 30.2/24$

All: -86.890 ± 49.516 $\chi^2/\text{NDF}: 51.4/45$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971 $\pm$ 0.064 χ^2/NDF : 3436154.0/16

Left Out: 244.227 $\pm$ 0.086 χ^2/NDF :177746.7/5

Right Out: 171.794 $\pm$ 0.054 χ^2/NDF : 4092634.7/18

Left In: 257.825 $\pm$ 0.102 χ^2/NDF :155083.3/3

Left: 249.885 $\pm$ 0.066 χ^2/NDF : 343277.7/9

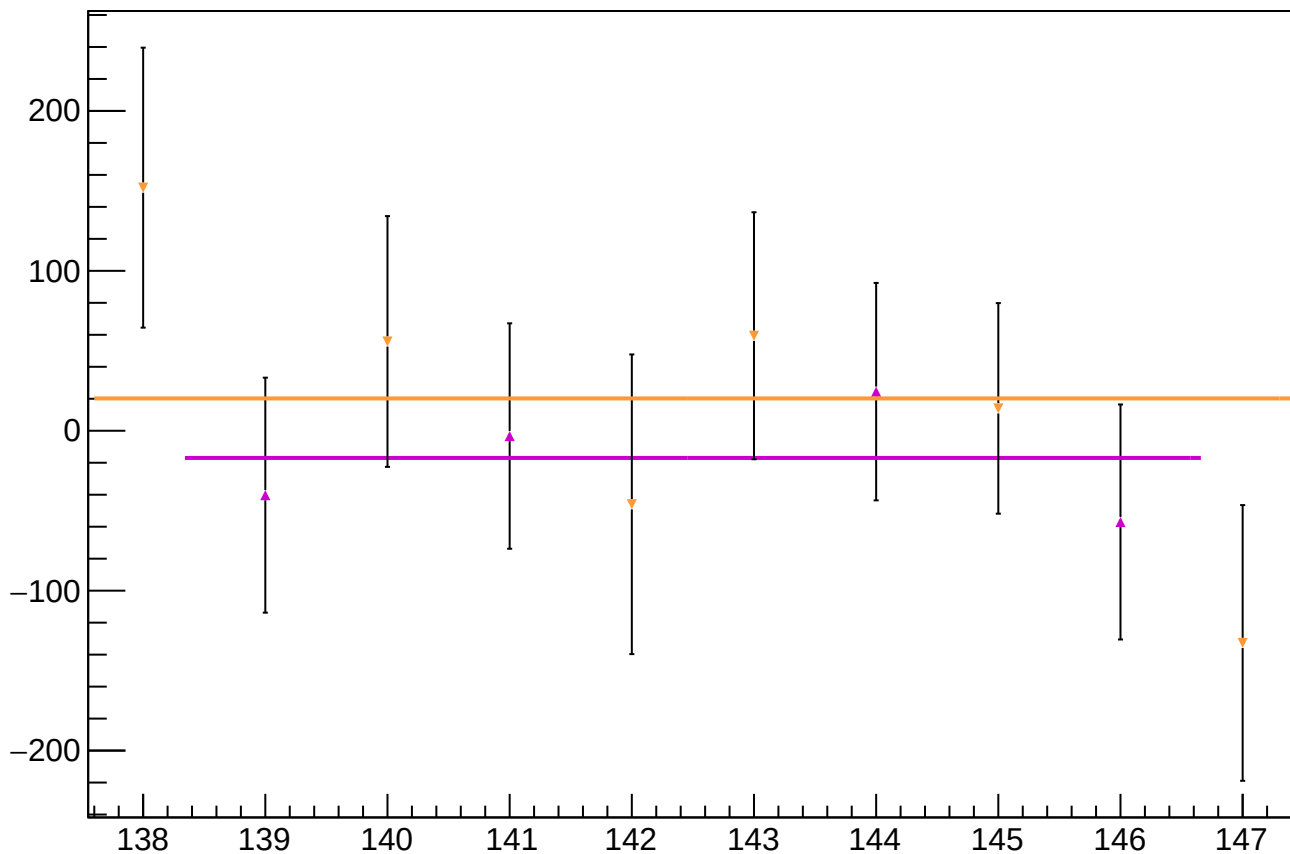
Right: 184.051 $\pm$ 0.041 χ^2/NDF : 7649725.9/35

In: 217.069 $\pm$ 0.054 χ^2/NDF :3815449.9/20

Out: 192.546 $\pm$ 0.046 χ^2/NDF :4778704.2/24

All: 202.820 $\pm$ 0.035 χ^2/NDF : 8713566.5/45

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 20.225 $\pm$ 32.617 χ^2 /NDF:6.4/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.003 $\pm$ 35.622 χ^2 /NDF:0.8/3

Left: 3.247 $\pm$ 24.056 χ^2 /NDF: 7.8/9

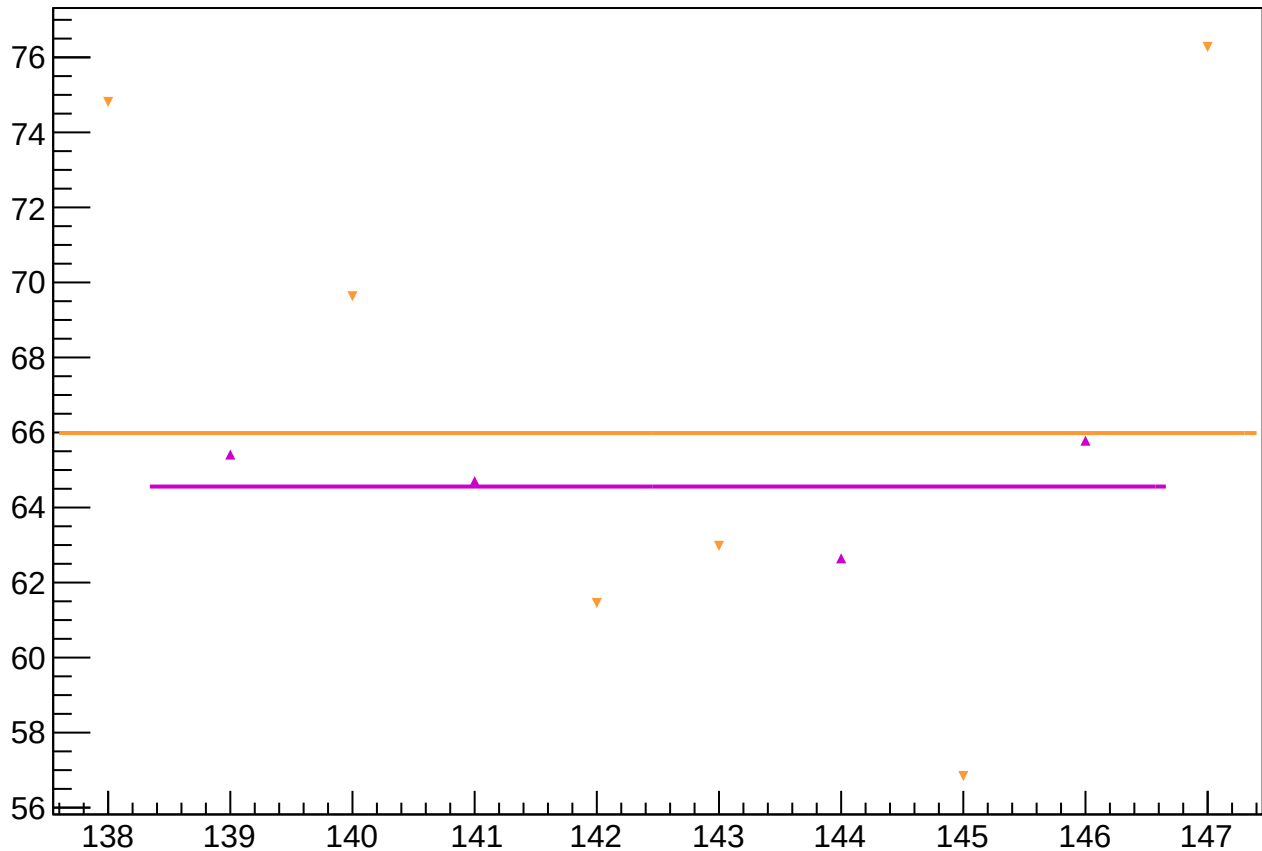
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.003 $\pm$ 35.622 χ^2 /NDF:0.8/3

Out: 20.225 $\pm$ 32.617 χ^2 /NDF:6.4/5

All: 3.247 $\pm$ 24.056 χ^2 /NDF: 7.8/9

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 65.985+/-0.023 χ^2/NDF :99440.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 64.559+/-0.025 χ^2/NDF :2415.5/3

Left: 65.335+/-0.017 χ^2/NDF : 103600.5/9

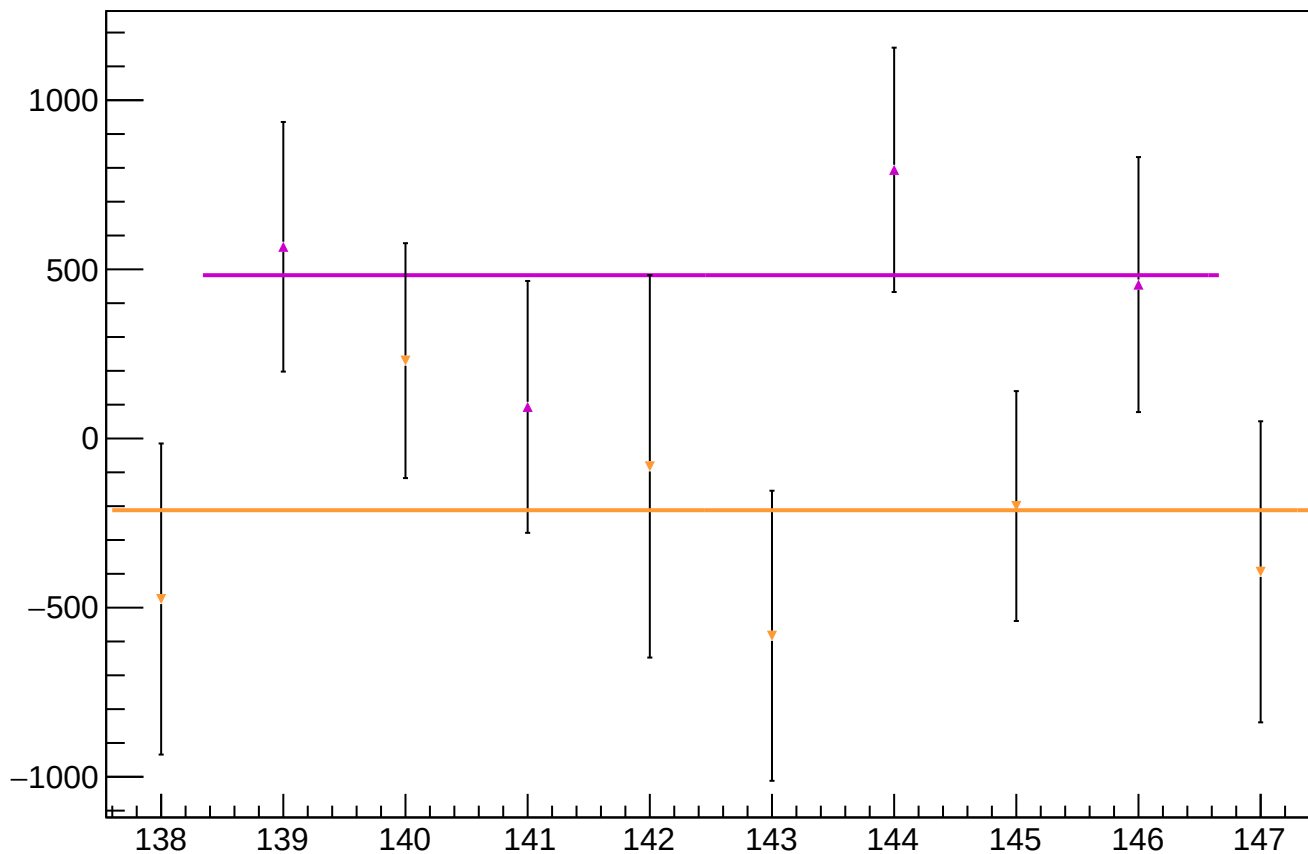
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 64.559+/-0.025 χ^2/NDF :2415.5/3

Out: 65.985+/-0.023 χ^2/NDF :99440.7/5

All: 65.335+/-0.017 χ^2/NDF : 103600.5/9

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -211.983+/-168.289 χ^2/NDF : 2.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 482.729+/-184.844 χ^2/NDF : 1.9/3

Left: 102.877+/-124.440 χ^2/NDF : 12.5/9

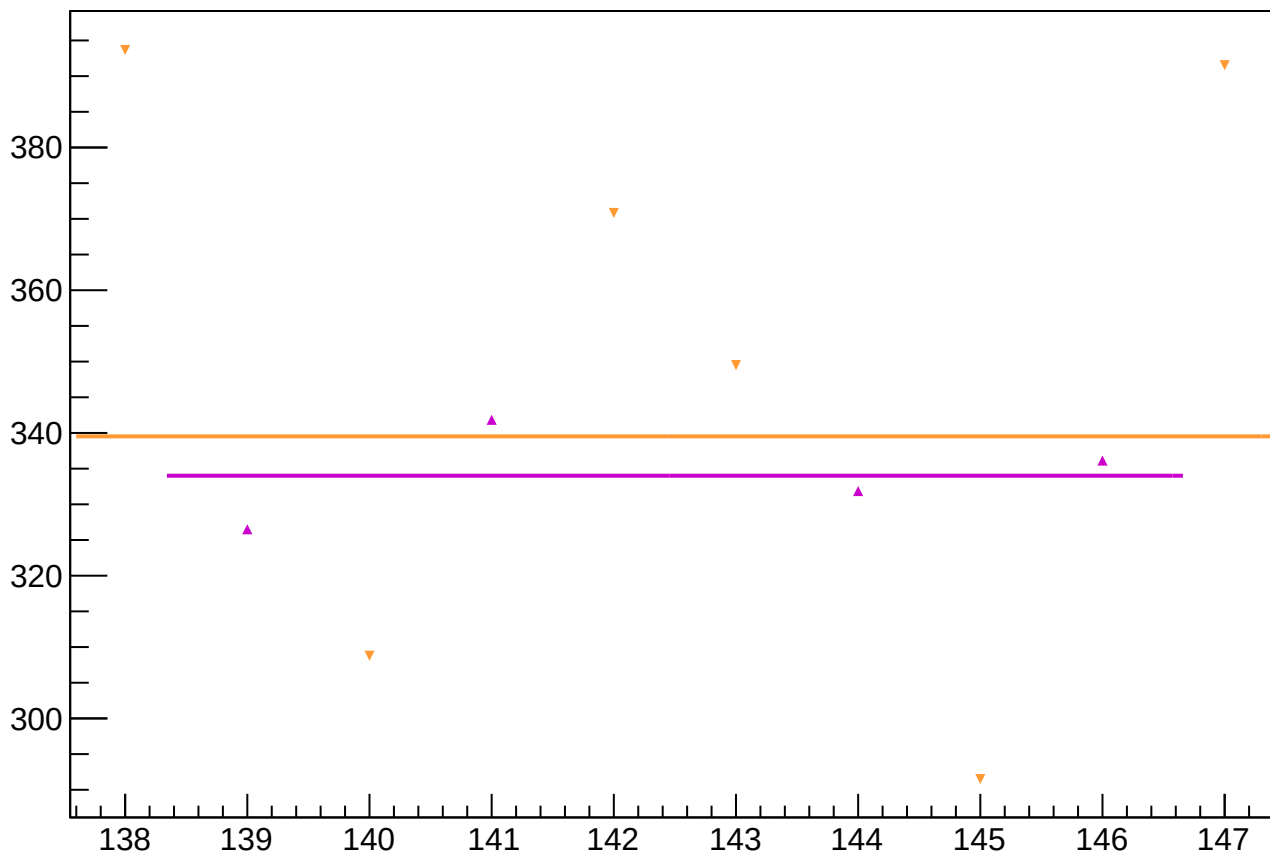
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 482.729+/-184.844 χ^2/NDF : 1.9/3

Out: -211.983+/-168.289 χ^2/NDF : 2.9/5

All: 102.877+/-124.440 χ^2/NDF : 12.5/9

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 339.524+/-0.119 χ^2/NDF :117901.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 334.008+/-0.131 χ^2/NDF :1847.7/3

Left: 337.024+/-0.088 χ^2/NDF : 120723.0/9

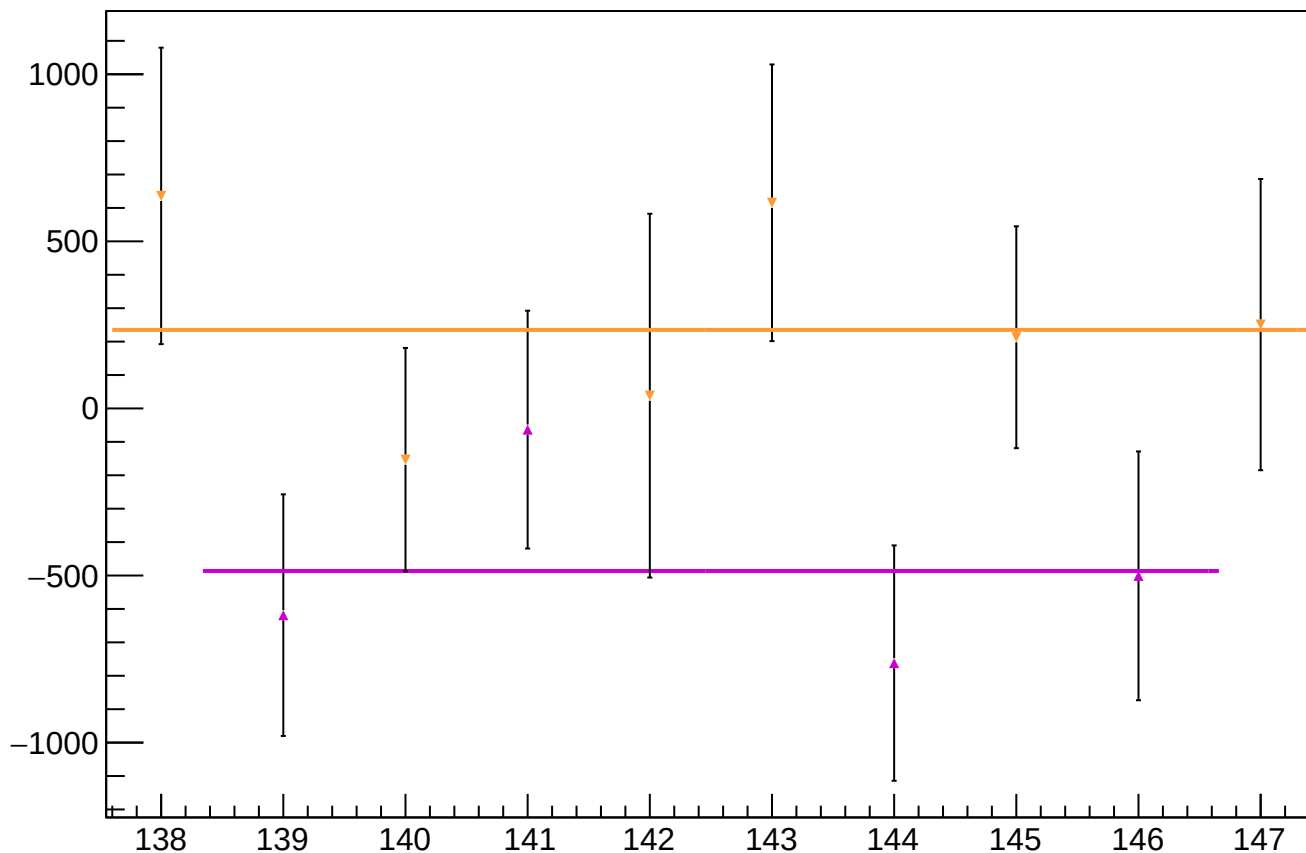
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 334.008+/-0.131 χ^2/NDF :1847.7/3

Out: 339.524+/-0.119 χ^2/NDF :117901.4/5

All: 337.024+/-0.088 χ^2/NDF : 120723.0/9

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 235.075+/-163.111 χ^2/NDF : 3.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -486.351+/-180.121 χ^2/NDF : 2.2/3

Left: -89.973+/-120.904 χ^2/NDF : 14.1/9

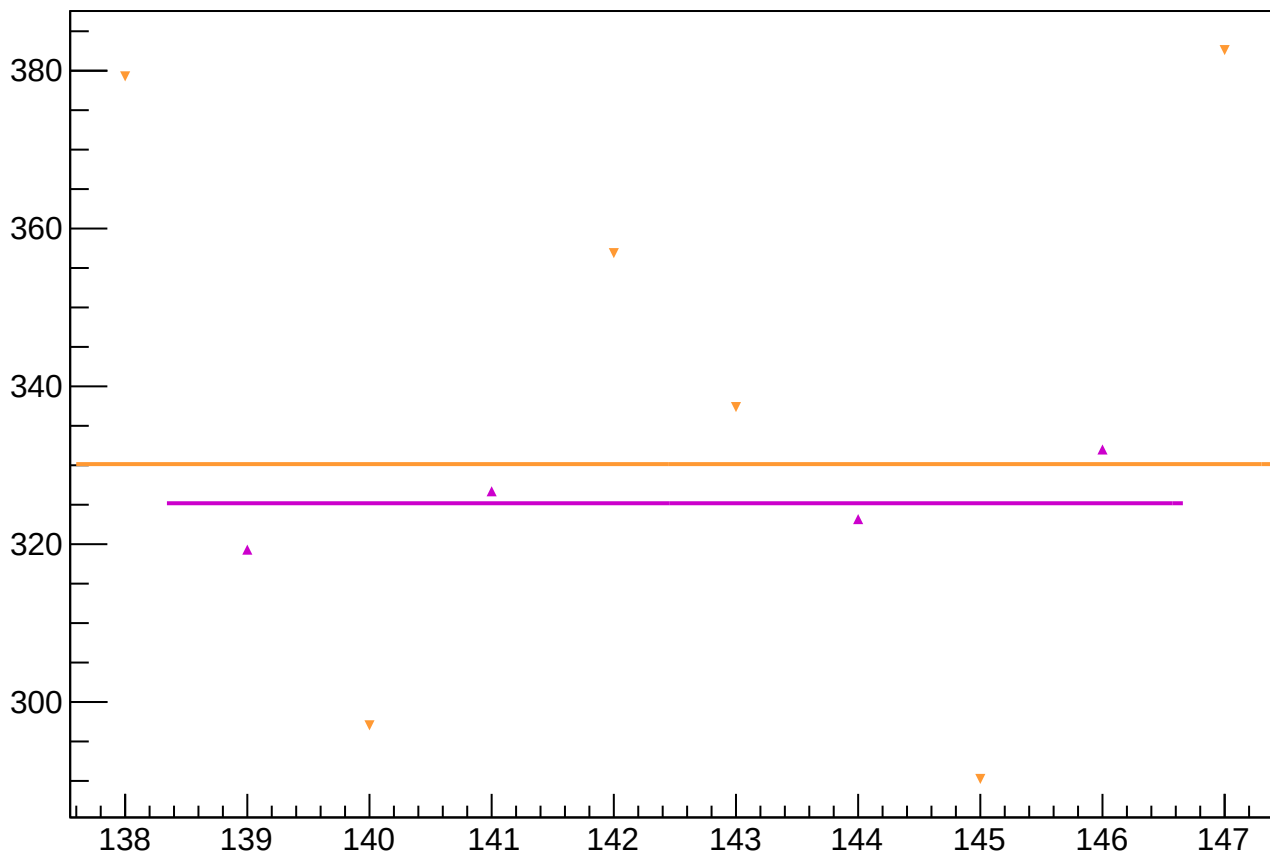
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -486.351+/-180.121 χ^2/NDF : 2.2/3

Out: 235.075+/-163.111 χ^2/NDF : 3.1/5

All: -89.973+/-120.904 χ^2/NDF : 14.1/9

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.148+/-0.115 χ^2/NDF :107476.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 325.188+/-0.127 χ^2/NDF :1299.8/3

Left: 327.913+/-0.085 χ^2/NDF : 109610.0/9

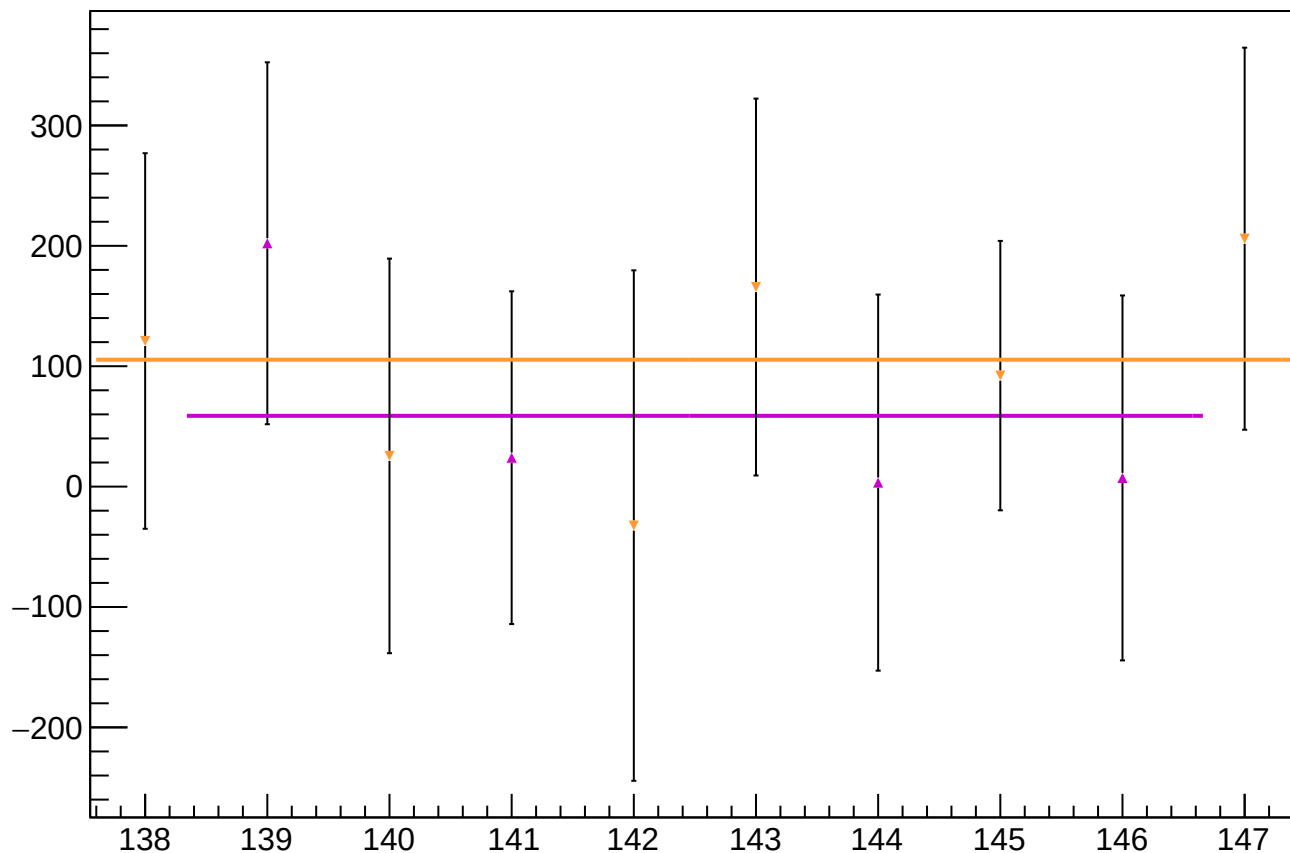
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 325.188+/-0.127 χ^2/NDF :1299.8/3

Out: 330.148+/-0.115 χ^2/NDF :107476.8/5

All: 327.913+/-0.085 χ^2/NDF : 109610.0/9

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 105.399+/-61.903 χ^2/NDF : 1.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 58.811+/-74.306 χ^2/NDF : 1.2/3

Left: 86.312+/-47.561 χ^2/NDF : 2.7/9

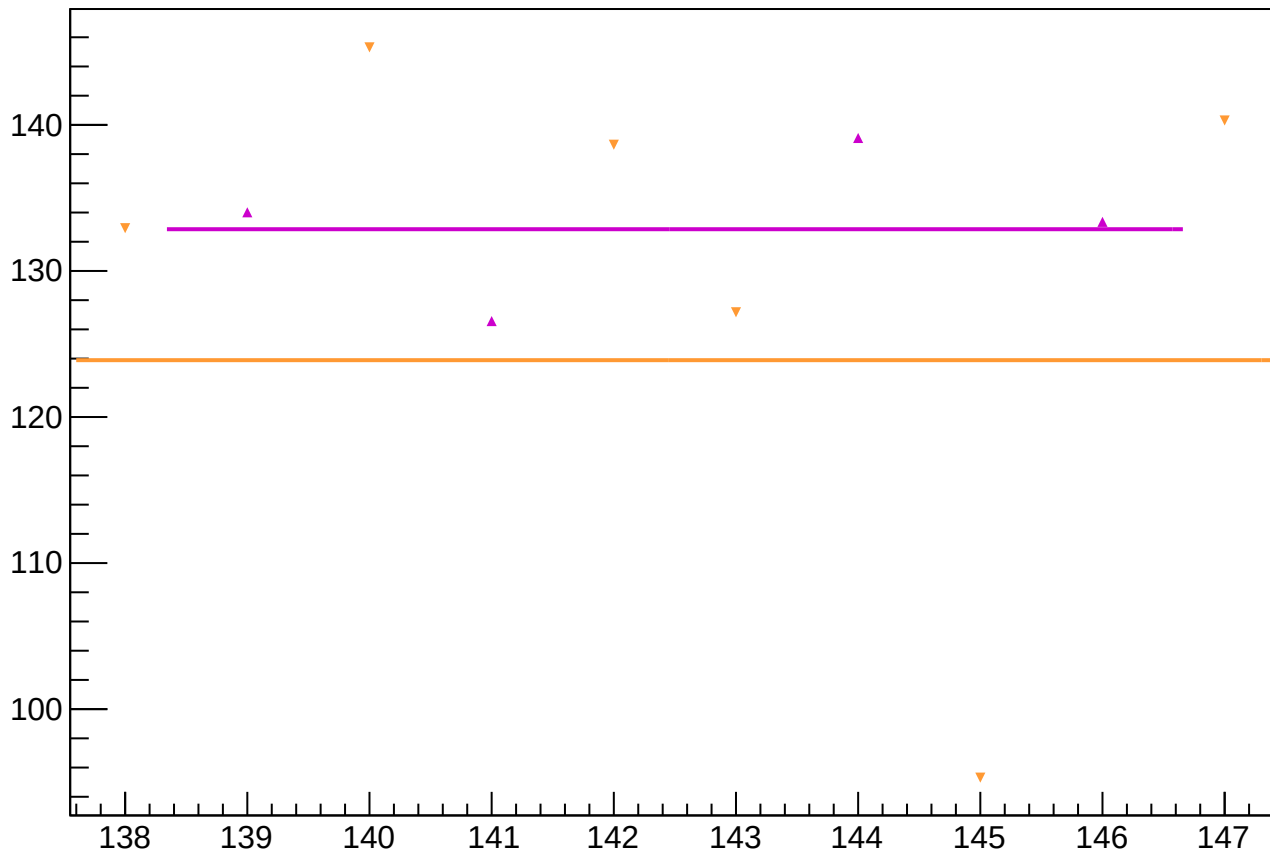
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.811+/-74.306 χ^2/NDF : 1.2/3

Out: 105.399+/-61.903 χ^2/NDF : 1.2/5

All: 86.312+/-47.561 χ^2/NDF : 2.7/9

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 123.892+/-0.044 χ^2/NDF : 203296.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.858+/-0.053 χ^2/NDF : 7481.8/3

Left: 127.565+/-0.034 χ^2/NDF : 227968.1/9

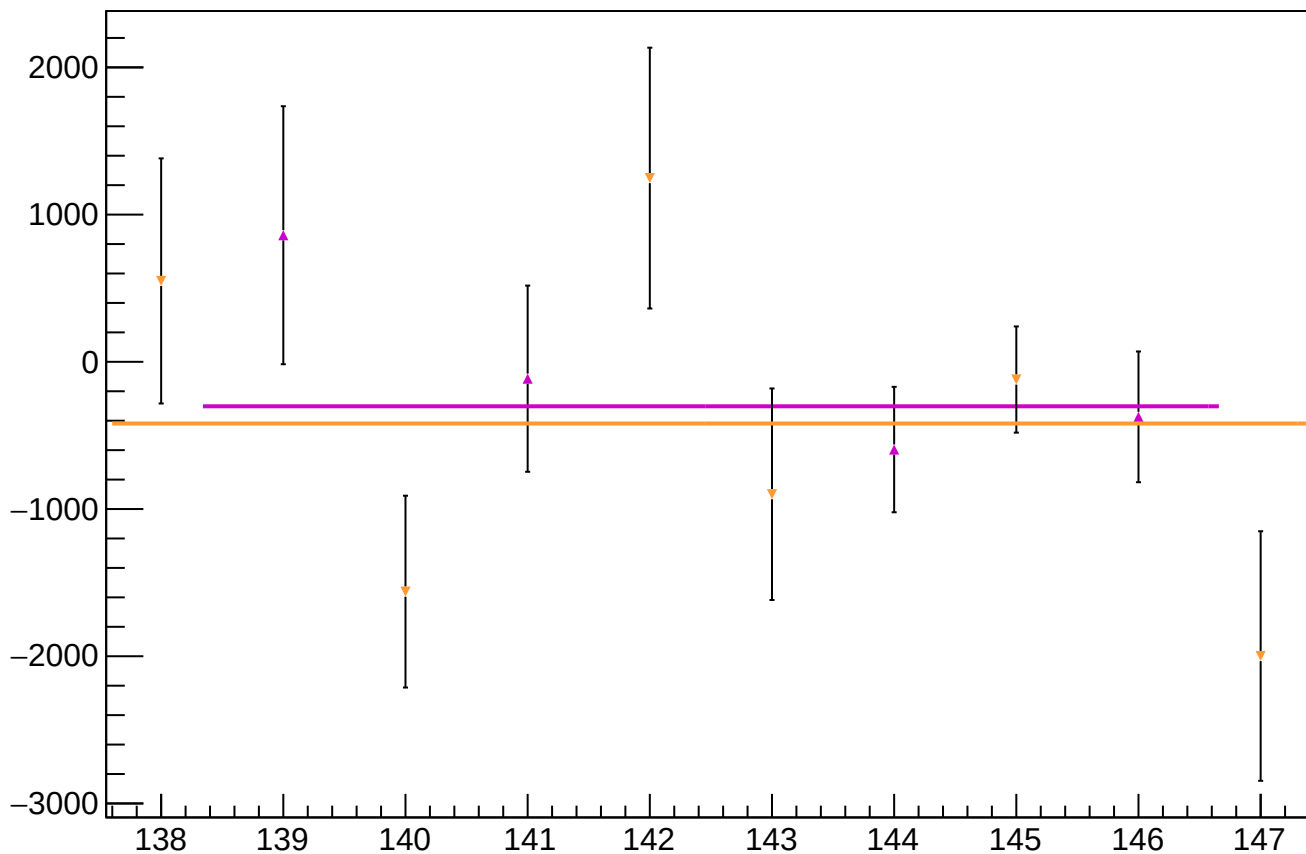
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.858+/-0.053 χ^2/NDF : 7481.8/3

Out: 123.892+/-0.044 χ^2/NDF : 203296.0/5

All: 127.565+/-0.034 χ^2/NDF : 227968.1/9

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -419.095+/-249.330 χ^2/NDF :12.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -302.157+/-263.695 χ^2/NDF :2.3/3

Left: -363.898+/-181.168 χ^2/NDF : 15.0/9

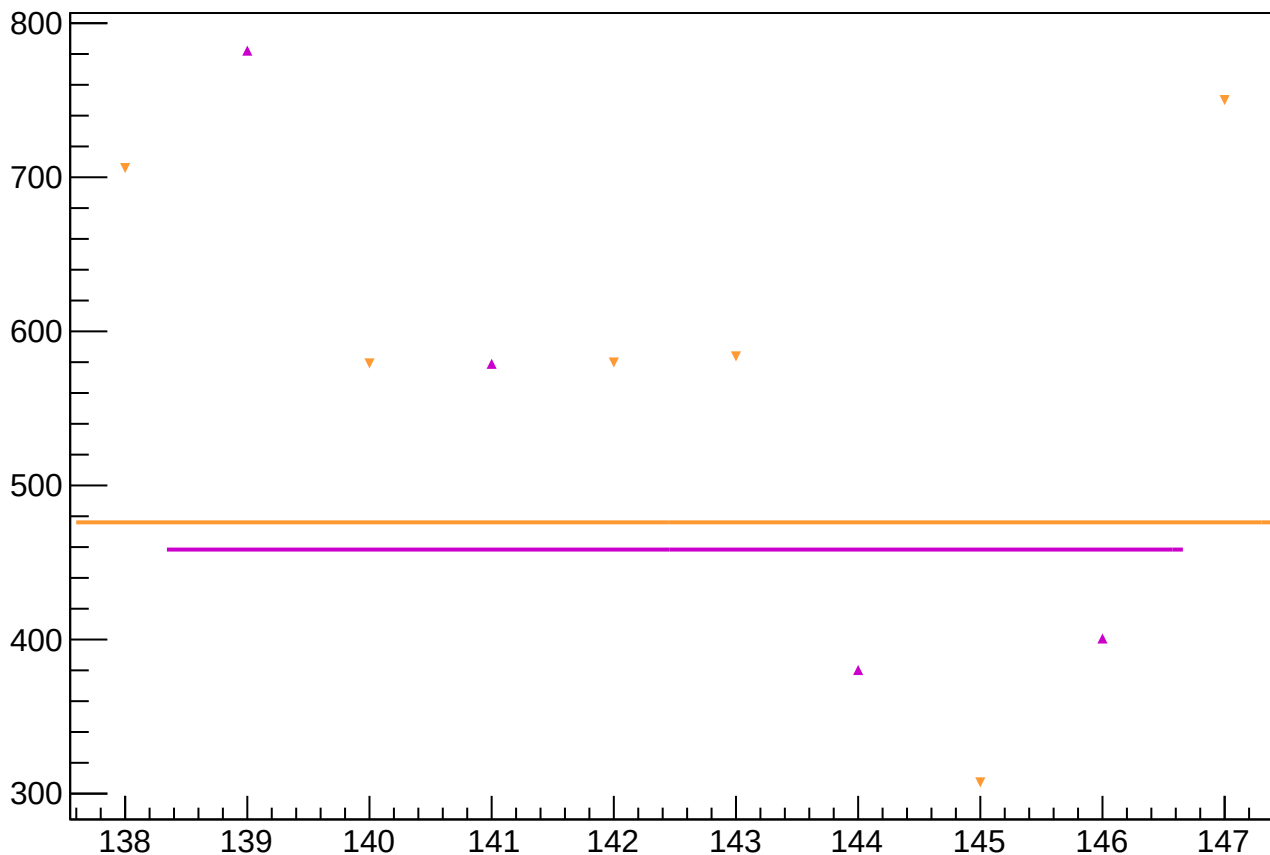
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -302.157+/-263.695 χ^2/NDF :2.3/3

Out: -419.095+/-249.330 χ^2/NDF :12.6/5

All: -363.898+/-181.168 χ^2/NDF : 15.0/9

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 476.057+/-0.176 χ^2/NDF : 921821.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 458.390+/-0.186 χ^2/NDF : 446792.1/3

Left: 467.718+/-0.128 χ^2/NDF : 1373354.3/9

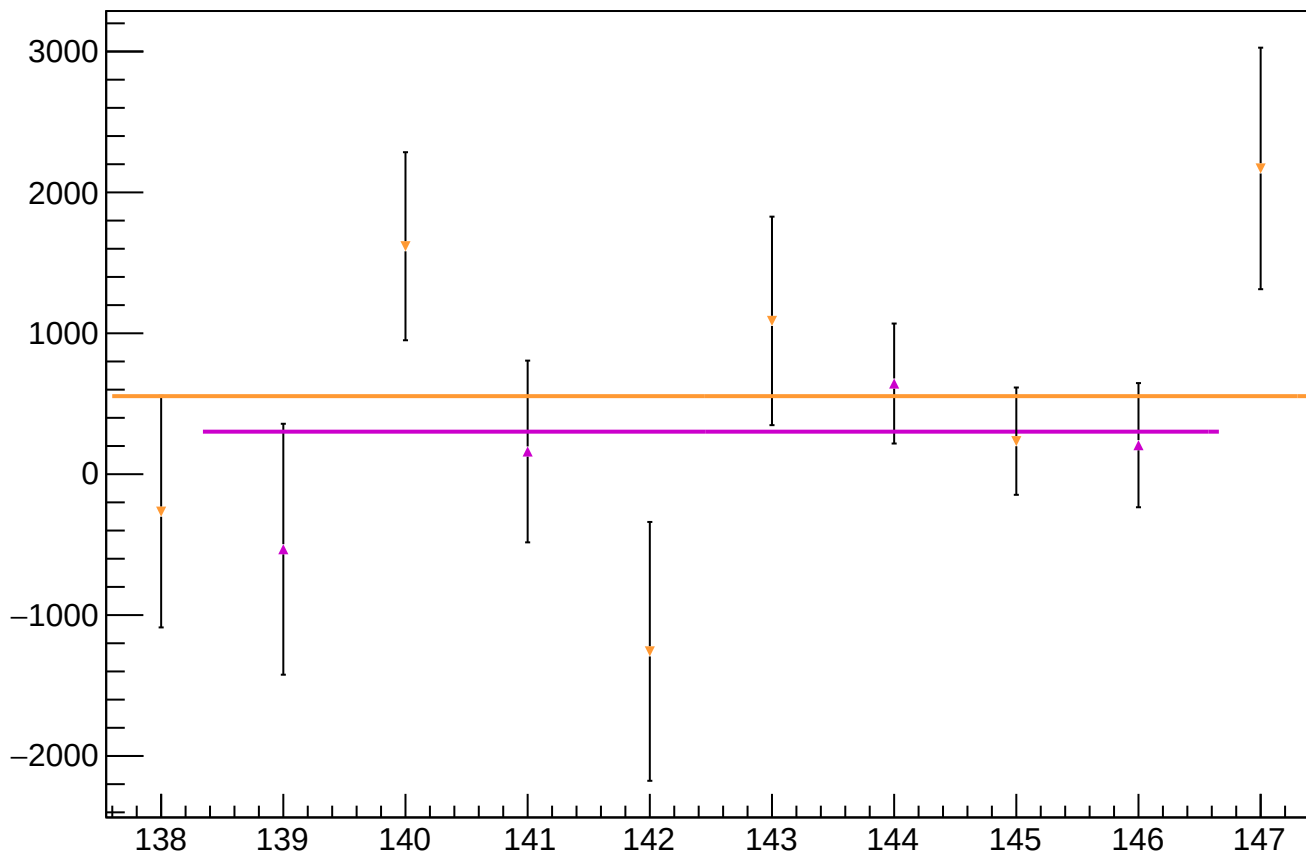
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 458.390+/-0.186 χ^2/NDF : 446792.1/3

Out: 476.057+/-0.176 χ^2/NDF : 921821.8/5

All: 467.718+/-0.128 χ^2/NDF : 1373354.3/9

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 553.908+/-258.237 χ^2/NDF :12.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 301.818+/-264.158 χ^2/NDF :1.6/3

Left: 430.720+/-184.659 χ^2/NDF : 14.3/9

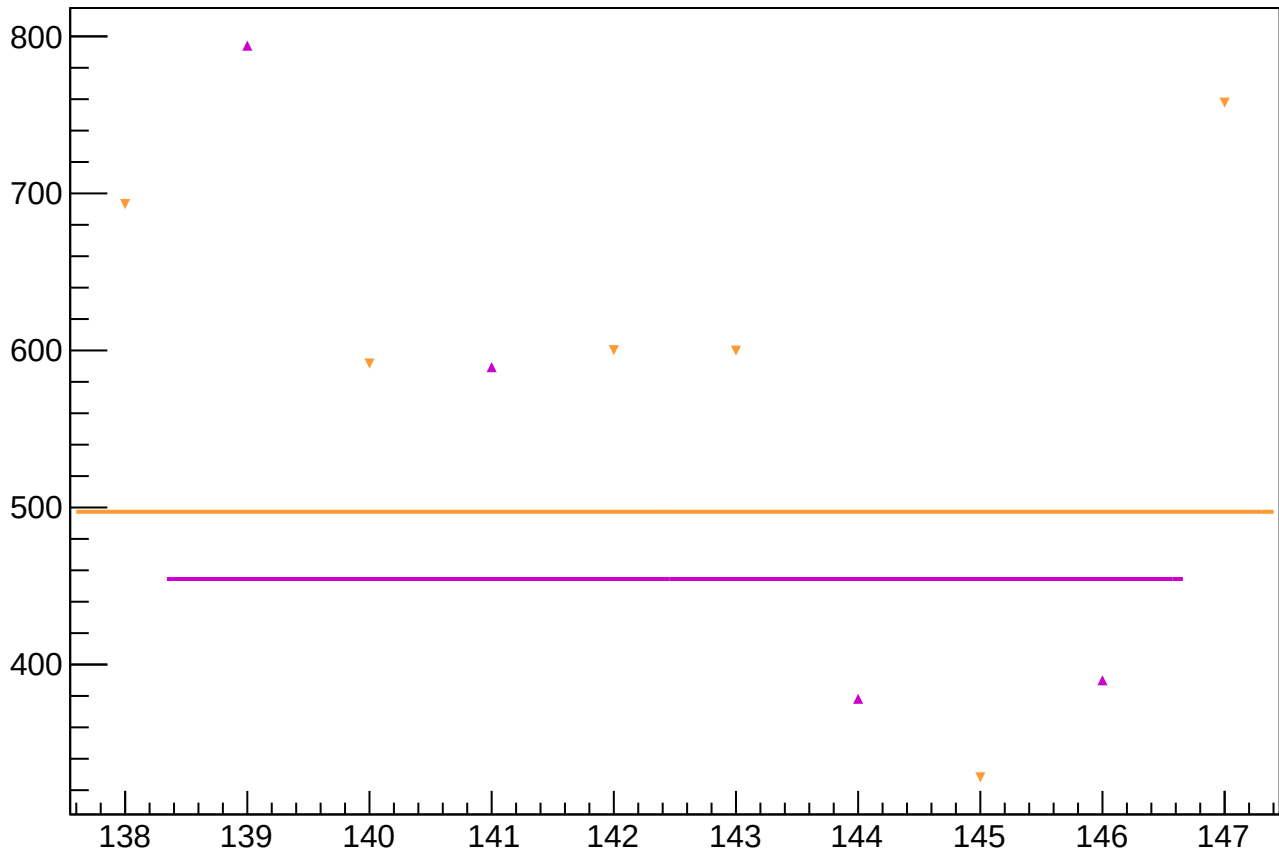
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 301.818+/-264.158 χ^2/NDF :1.6/3

Out: 553.908+/-258.237 χ^2/NDF :12.2/5

All: 430.720+/-184.659 χ^2/NDF : 14.3/9

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 497.272+/-0.183 χ^2/NDF : 796607.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 454.462+/-0.187 χ^2/NDF : 485401.1/3

Left: 476.352+/-0.131 χ^2/NDF : 1308868.9/9

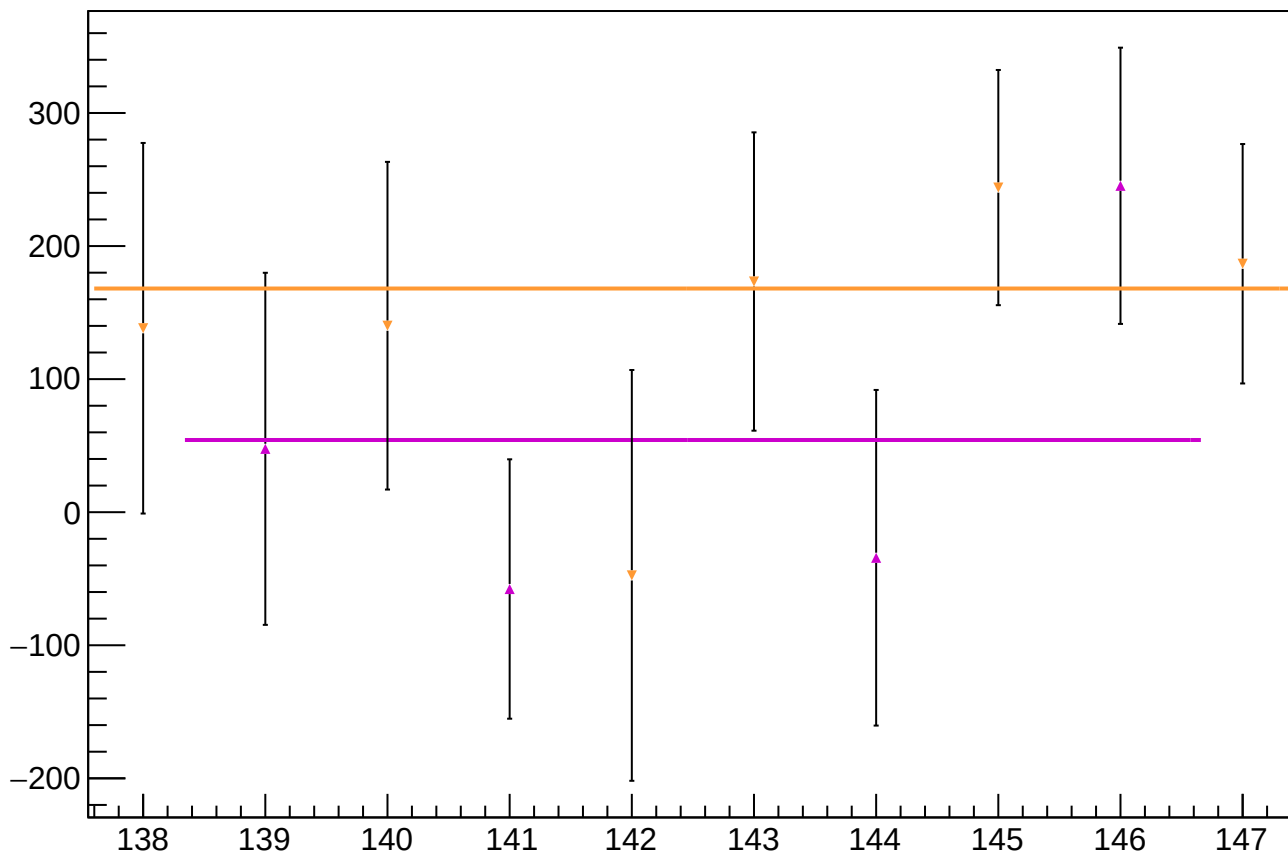
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 454.462+/-0.187 χ^2/NDF : 485401.1/3

Out: 497.272+/-0.183 χ^2/NDF : 796607.8/5

All: 476.352+/-0.131 χ^2/NDF : 1308868.9/9

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 168.088+/-45.145 χ^2/NDF : 2.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 54.254+/-56.070 χ^2/NDF : 5.2/3

Left: 123.317+/-35.163 χ^2/NDF : 10.5/9

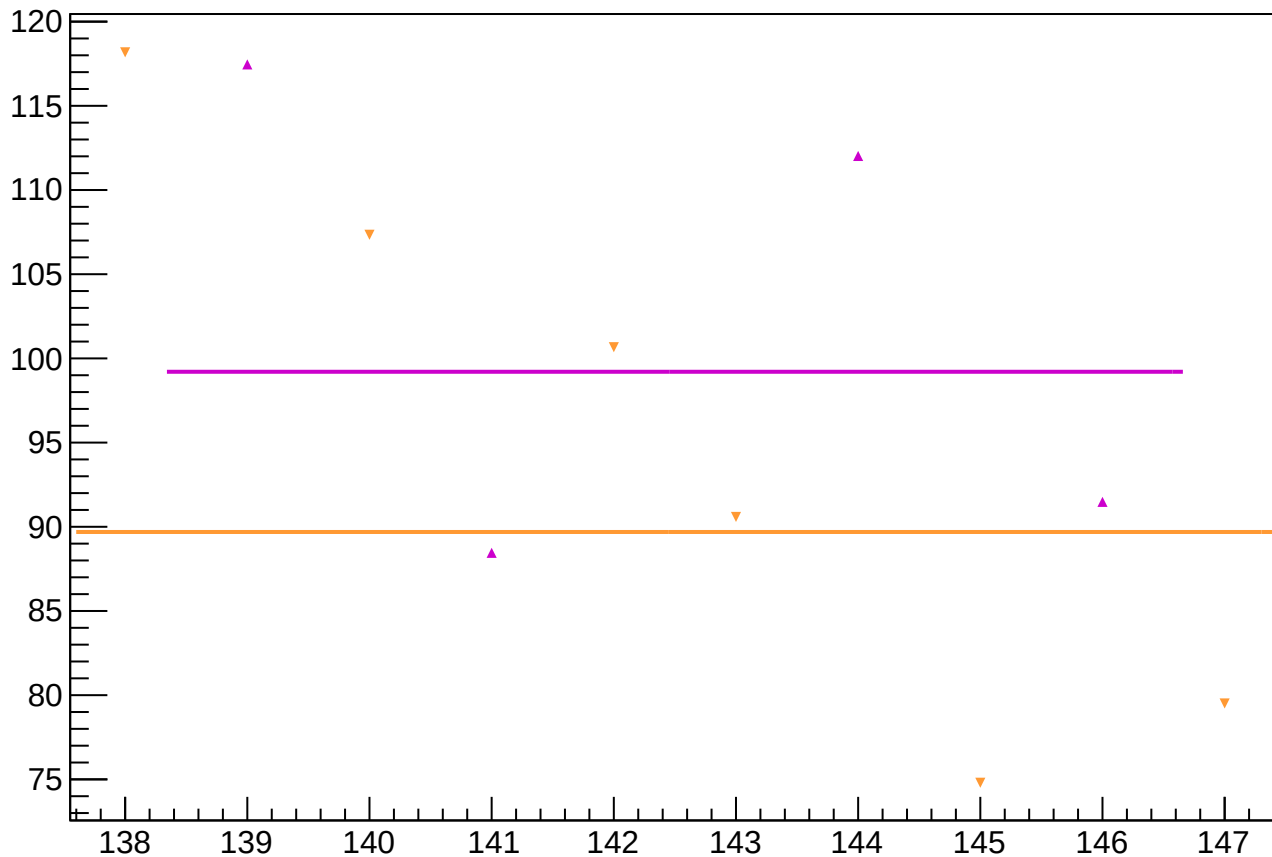
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 54.254+/-56.070 χ^2/NDF : 5.2/3

Out: 168.088+/-45.145 χ^2/NDF : 2.8/5

All: 123.317+/-35.163 χ^2/NDF : 10.5/9

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 89.692 $\pm$ 0.032 χ^2 /NDF:217439.1/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 99.206 $\pm$ 0.040 χ^2 /NDF:94150.4/3

Left: 93.434 $\pm$ 0.025 χ^2 /NDF: 346528.9/9

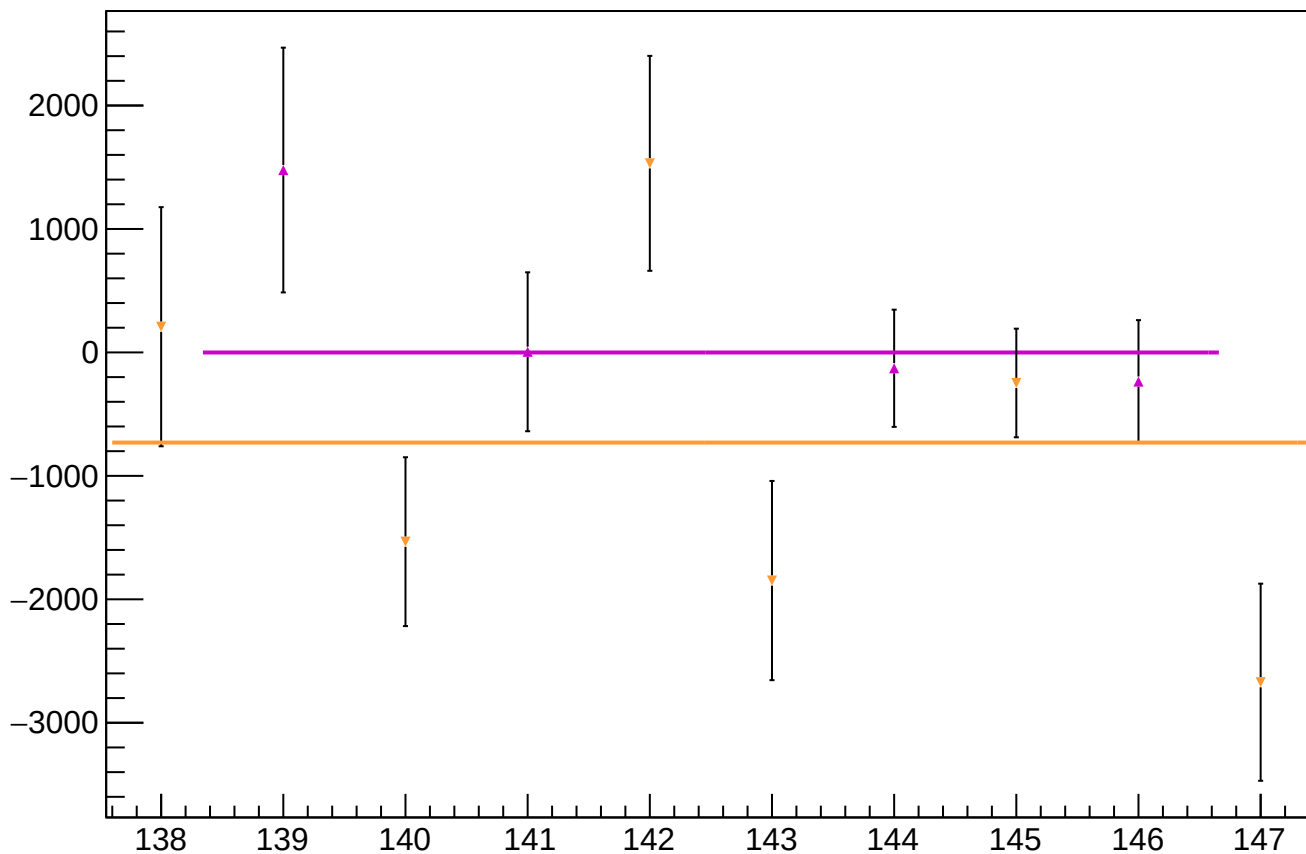
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 99.206 $\pm$ 0.040 χ^2 /NDF:94150.4/3

Out: 89.692 $\pm$ 0.032 χ^2 /NDF:217439.1/5

All: 93.434 $\pm$ 0.025 χ^2 /NDF: 346528.9/9

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -730.258+/-279.563 χ^2/NDF :18.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.578+/-289.800 χ^2/NDF :2.5/3

Left: -378.532+/-201.203 χ^2/NDF : 23.9/9

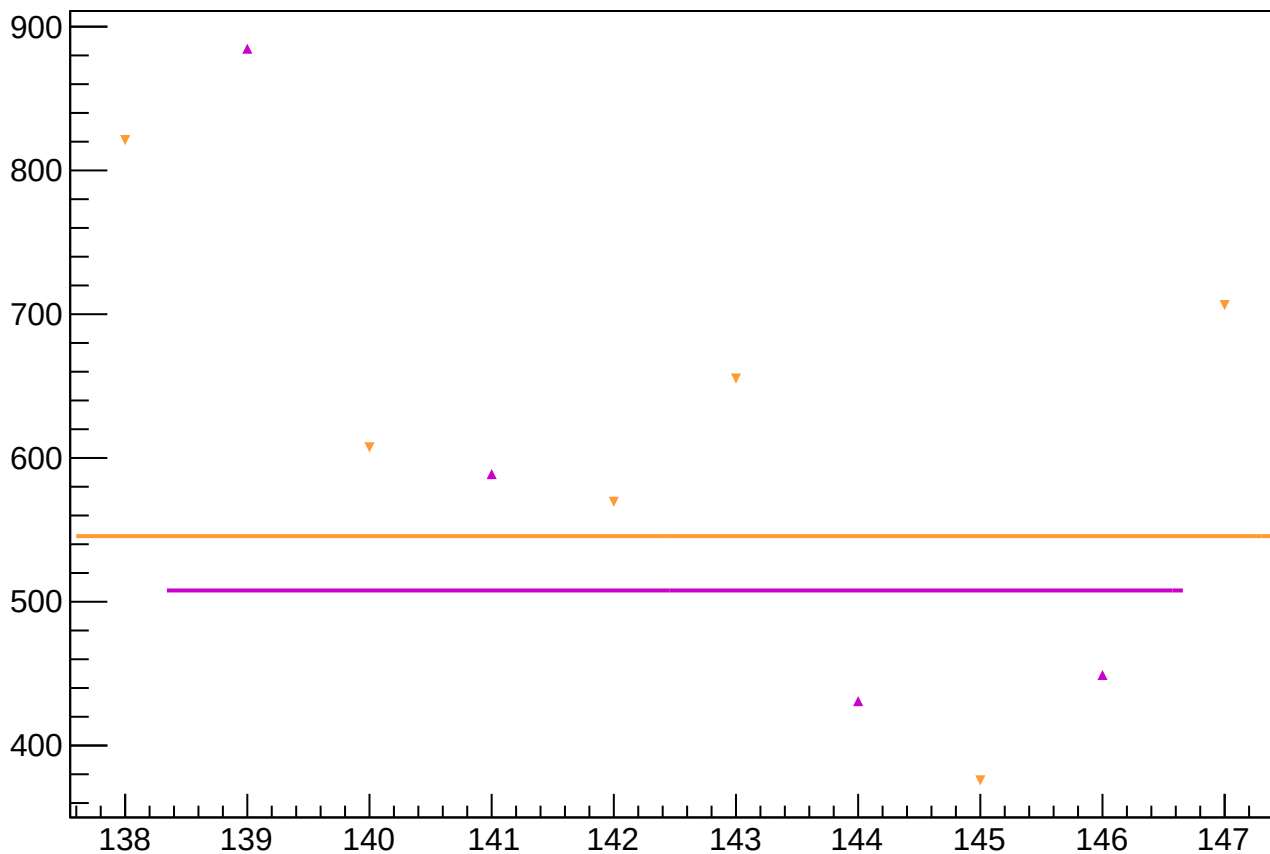
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.578+/-289.800 χ^2/NDF :2.5/3

Out: -730.258+/-279.563 χ^2/NDF :18.1/5

All: -378.532+/-201.203 χ^2/NDF : 23.9/9

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 545.632+/-0.198 χ^2/NDF : 595679.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 507.847+/-0.205 χ^2/NDF : 401162.6/3

Left: 527.418+/-0.142 χ^2/NDF : 1014453.0/9

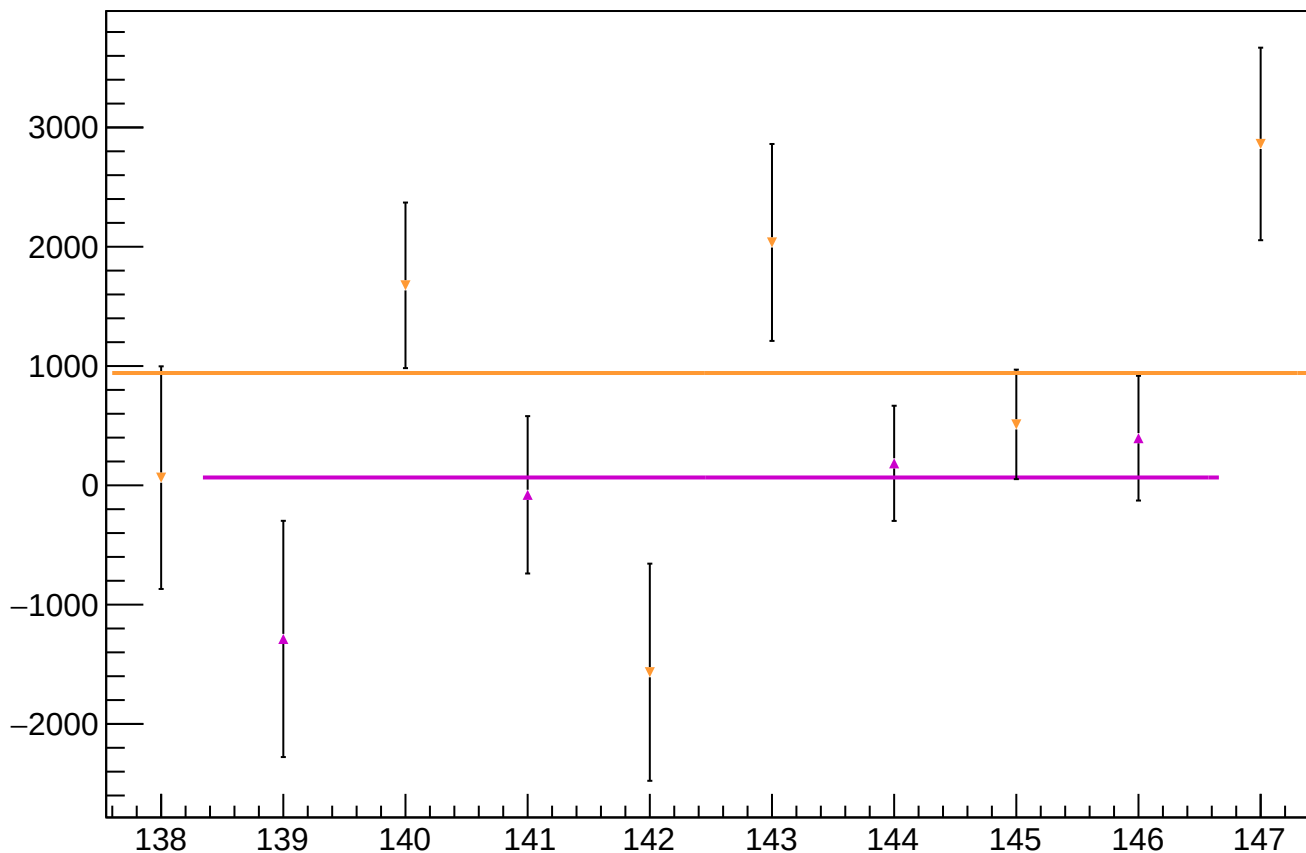
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 507.847+/-0.205 χ^2/NDF : 401162.6/3

Out: 545.632+/-0.198 χ^2/NDF : 595679.7/5

All: 527.418+/-0.142 χ^2/NDF : 1014453.0/9

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 941.632 $\pm$ 286.474 χ^2 /NDF:17.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 65.853 $\pm$ 297.896 χ^2 /NDF:2.4/3

Left: 520.854 $\pm$ 206.487 χ^2 /NDF: 24.8/9

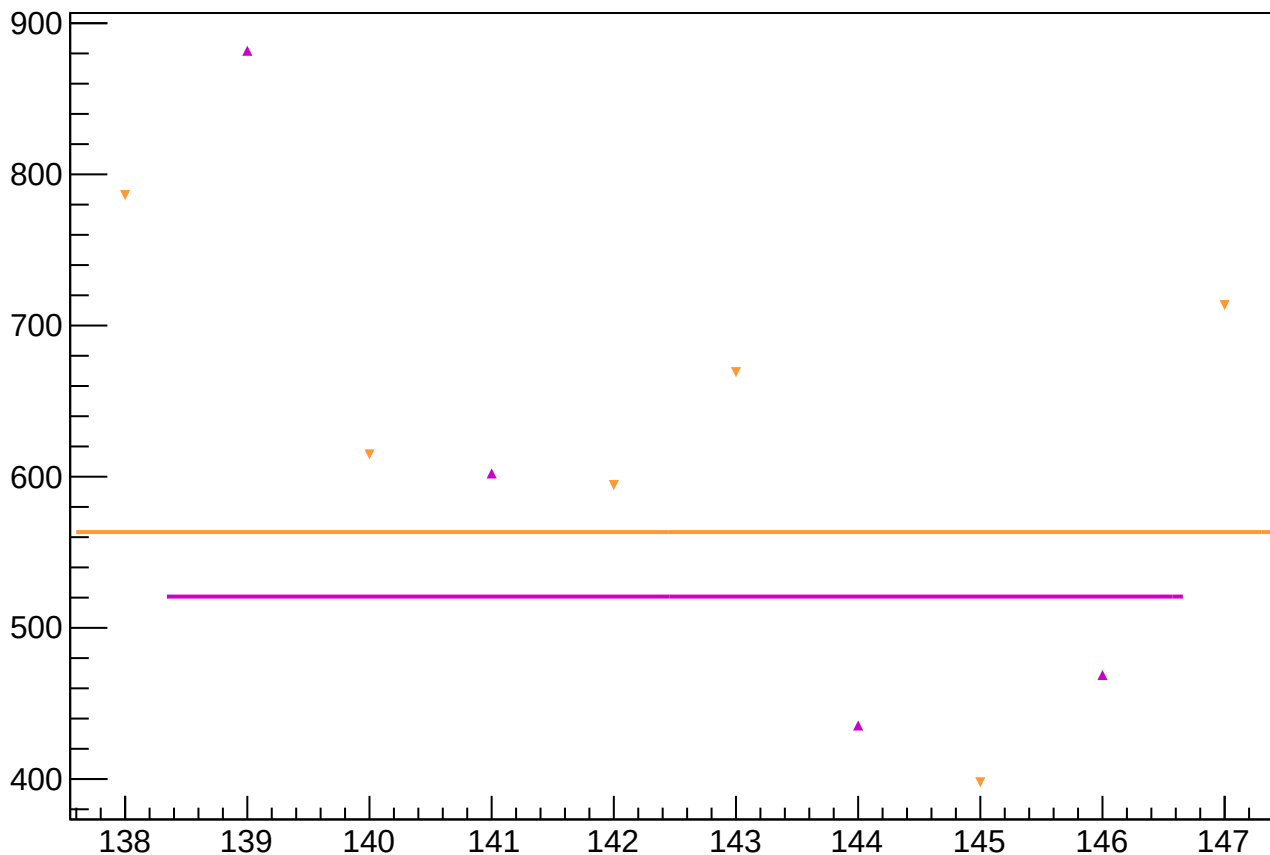
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 65.853 $\pm$ 297.896 χ^2 /NDF:2.4/3

Out: 941.632 $\pm$ 286.474 χ^2 /NDF:17.9/5

All: 520.854 $\pm$ 206.487 χ^2 /NDF: 24.8/9

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 563.365+/-0.203 χ^2/NDF :489822.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 520.699+/-0.211 χ^2/NDF :378601.0/3

Left: 542.865+/-0.146 χ^2/NDF : 889738.3/9

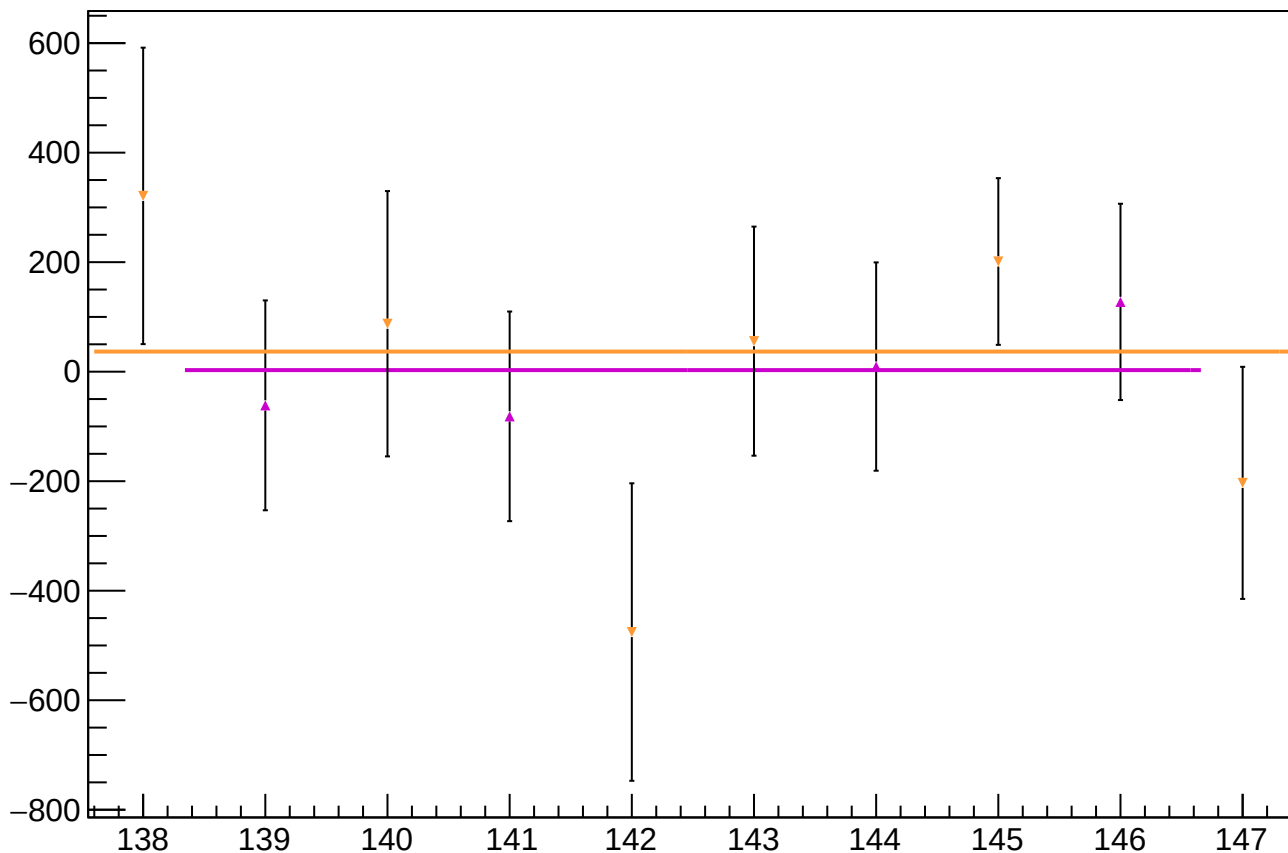
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 520.699+/-0.211 χ^2/NDF :378601.0/3

Out: 563.365+/-0.203 χ^2/NDF :489822.3/5

All: 542.865+/-0.146 χ^2/NDF : 889738.3/9

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 36.723 $\pm$ 86.869 χ^2 /NDF:7.2/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 2.861 $\pm$ 93.951 χ^2 /NDF:0.8/3

Left: 21.116 $\pm$ 63.782 χ^2 /NDF: 8.0/9

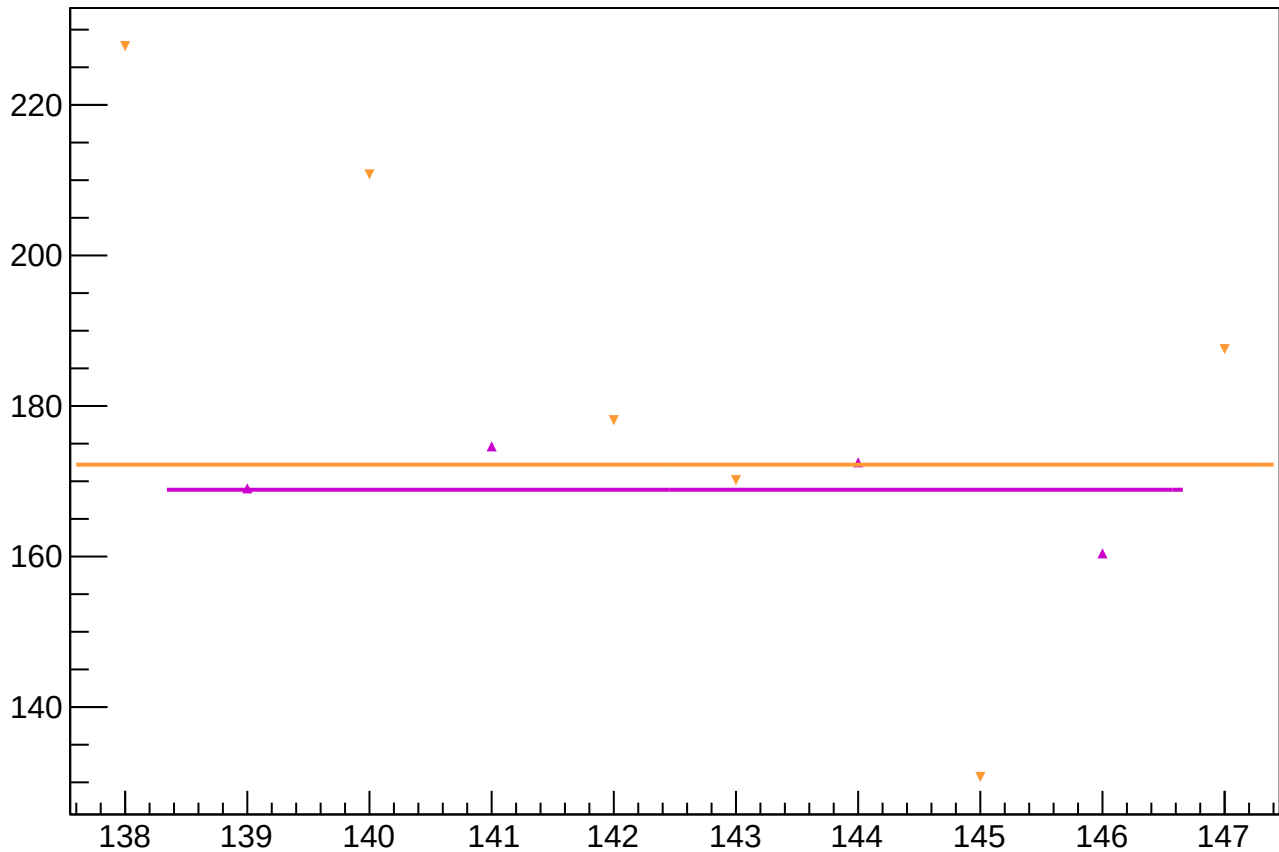
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.861 $\pm$ 93.951 χ^2 /NDF:0.8/3

Out: 36.723 $\pm$ 86.869 χ^2 /NDF:7.2/5

All: 21.116 $\pm$ 63.782 χ^2 /NDF: 8.0/9

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 172.205+/-0.061 χ^2/NDF :295335.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 168.875+/-0.066 χ^2/NDF :6996.3/3

Left: 170.670+/-0.045 χ^2/NDF : 303686.0/9

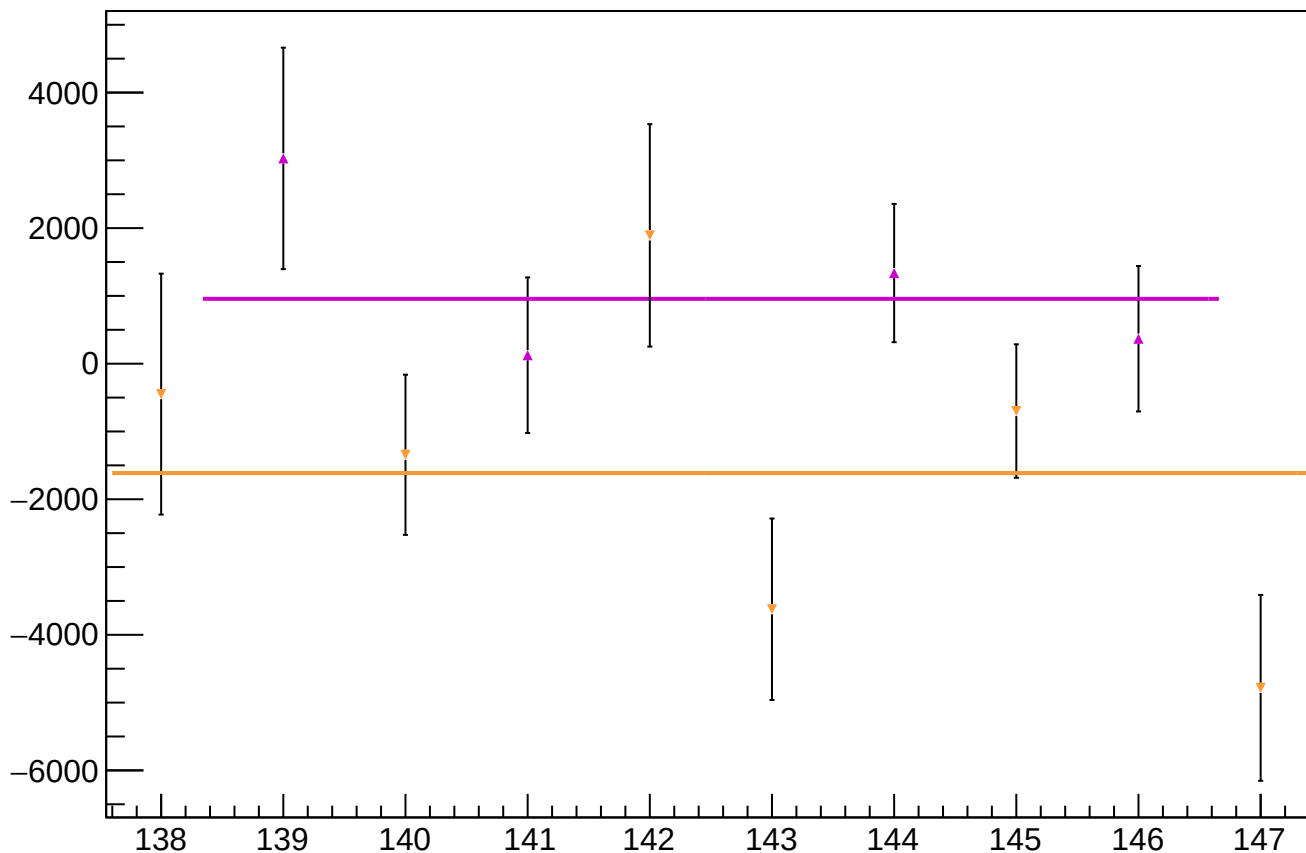
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.875+/-0.066 χ^2/NDF :6996.3/3

Out: 172.205+/-0.061 χ^2/NDF :295335.1/5

All: 170.670+/-0.045 χ^2/NDF : 303686.0/9

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1613.384+/-532.581 χ^2/NDF :13.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 956.781+/-580.894 χ^2/NDF :2.6/3

Left: -439.610+/-392.562 χ^2/NDF : 26.7/9

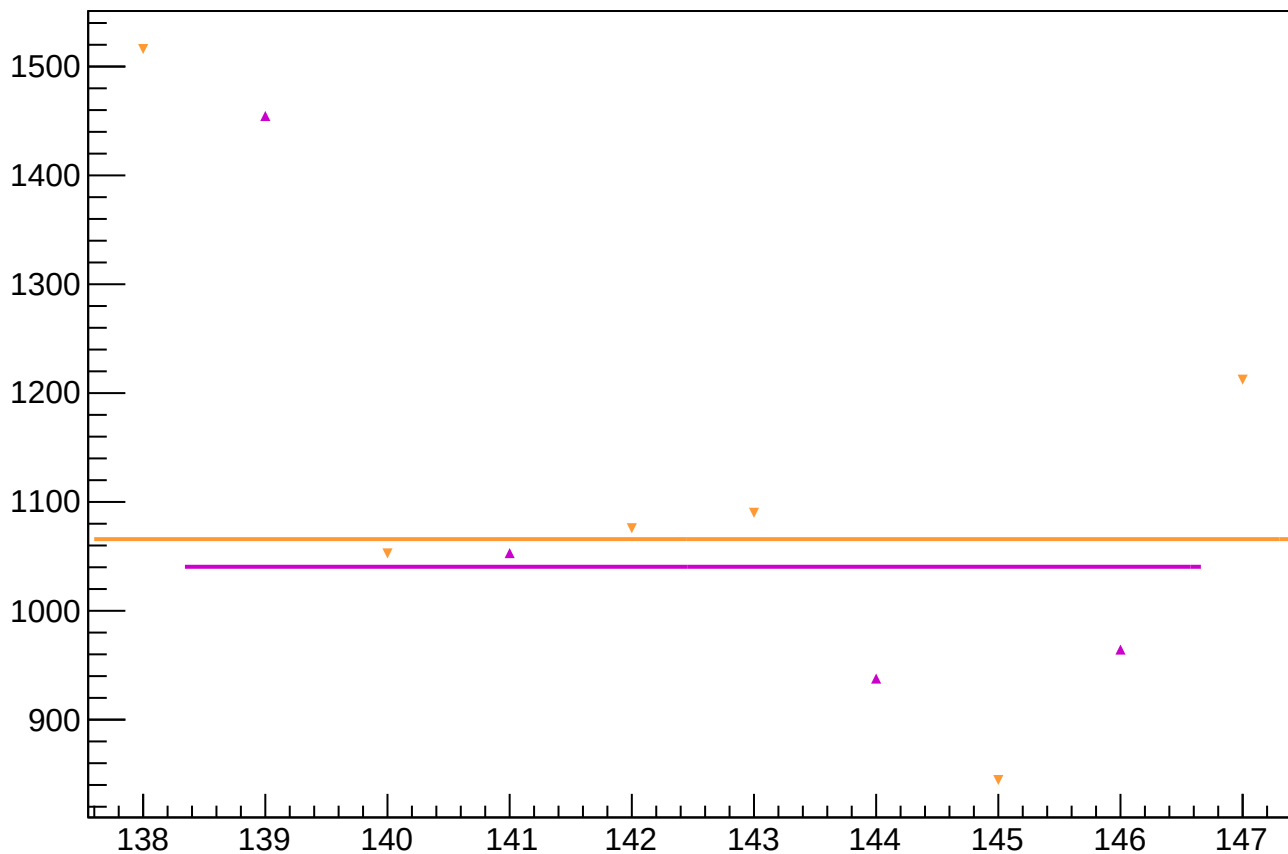
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 956.781+/-580.894 χ^2/NDF :2.6/3

Out: -1613.384+/-532.581 χ^2/NDF :13.5/5

All: -439.610+/-392.562 χ^2/NDF : 26.7/9

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1065.854+/-0.377 χ^2/NDF :253209.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1040.453+/-0.411 χ^2/NDF :159116.3/3

Left: 1054.253+/-0.278 χ^2/NDF : 414403.8/9

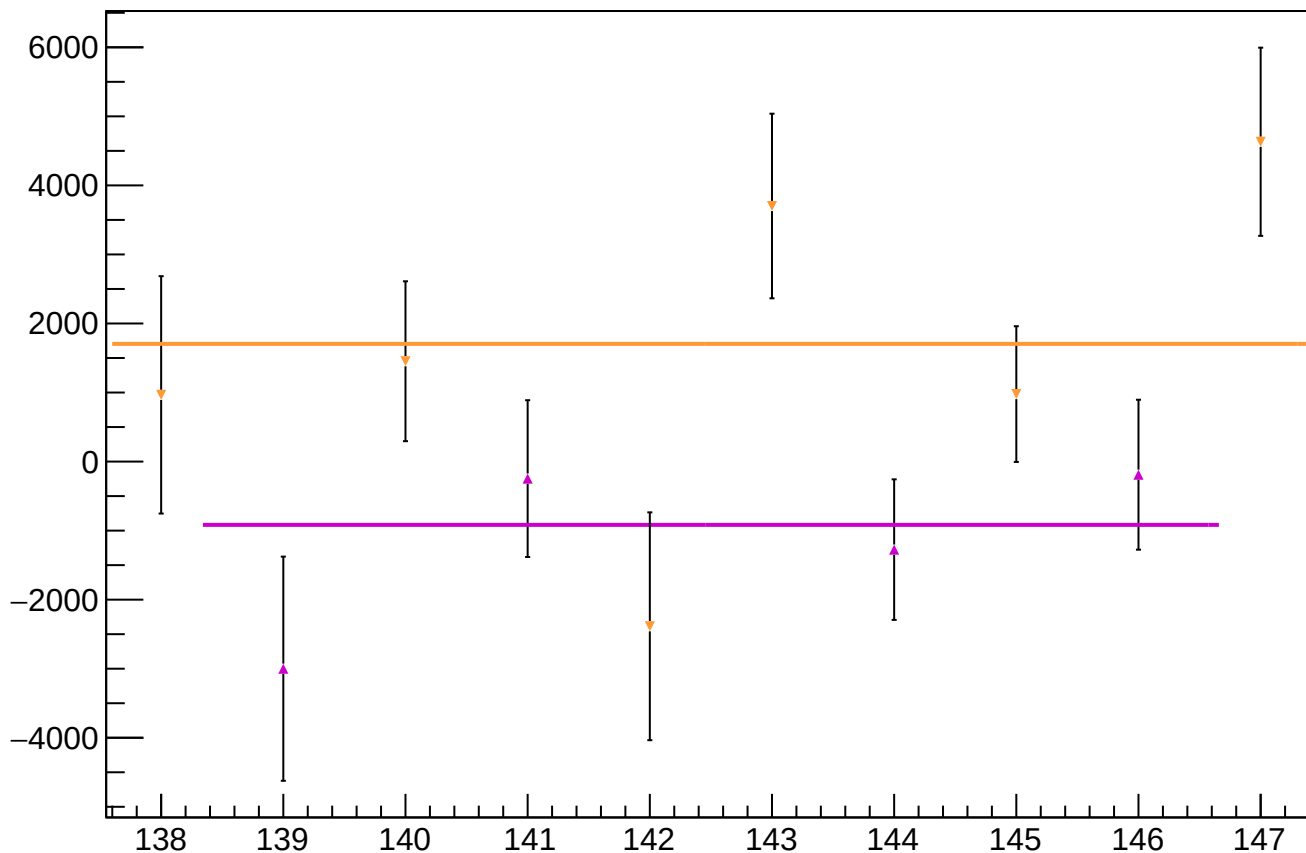
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1040.453+/-0.411 χ^2/NDF :159116.3/3

Out: 1065.854+/-0.377 χ^2/NDF :253209.9/5

All: 1054.253+/-0.278 χ^2/NDF : 414403.8/9

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1704.827+/-528.158 χ^2/NDF :13.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -916.865+/-580.422 χ^2/NDF :2.6/3

Left: 517.307+/-390.637 χ^2/NDF : 27.5/9

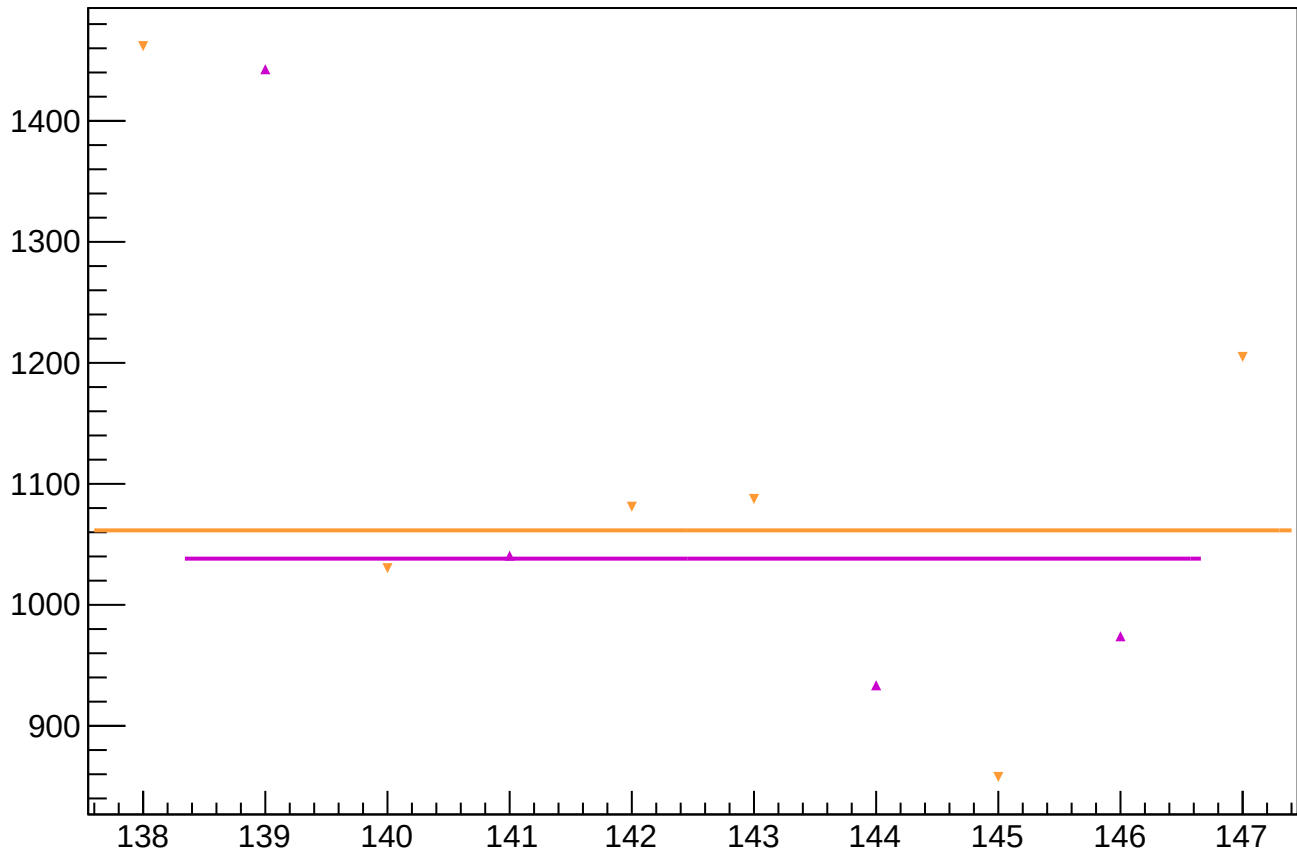
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -916.865+/-580.422 χ^2/NDF :2.6/3

Out: 1704.827+/-528.158 χ^2/NDF :13.8/5

All: 517.307+/-390.637 χ^2/NDF : 27.5/9

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1061.557+/-0.373 χ^2/NDF :219030.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1038.199+/-0.410 χ^2/NDF :152297.4/3

Left: 1050.977+/-0.276 χ^2/NDF : 373099.7/9

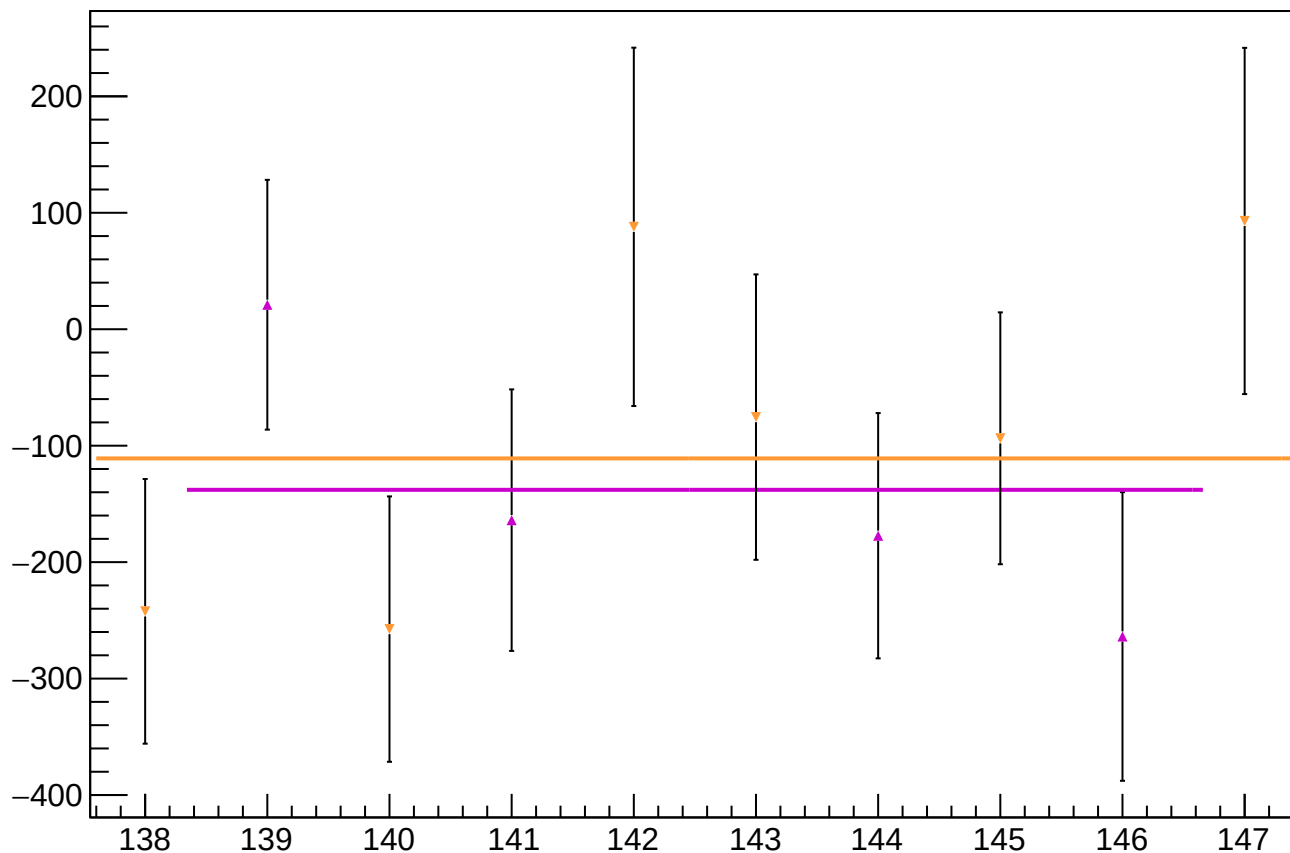
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1038.199+/-0.410 χ^2/NDF :152297.4/3

Out: 1061.557+/-0.373 χ^2/NDF :219030.5/5

All: 1050.977+/-0.276 χ^2/NDF : 373099.7/9

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -110.924 ± 50.377 χ^2/NDF : 6.7/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -137.897 ± 55.773 χ^2/NDF : 3.4/3

Left: -123.043 ± 37.384 χ^2/NDF : 10.2/9

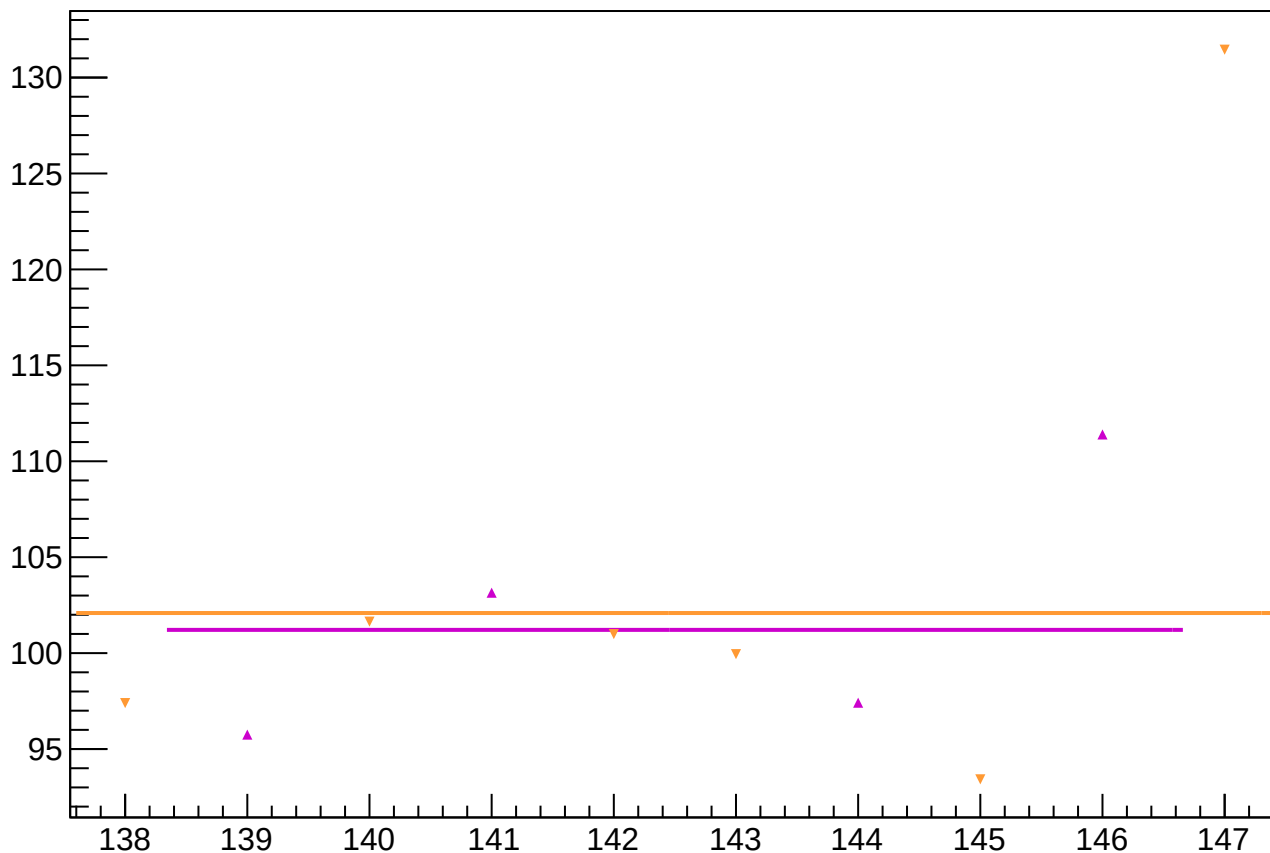
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -137.897 ± 55.773 χ^2/NDF : 3.4/3

Out: -110.924 ± 50.377 χ^2/NDF : 6.7/5

All: -123.043 ± 37.384 χ^2/NDF : 10.2/9

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 102.090+/-0.036 χ^2/NDF :95029.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 101.212+/-0.039 χ^2/NDF :21880.4/3

Left: 101.696+/-0.026 χ^2/NDF : 117183.4/9

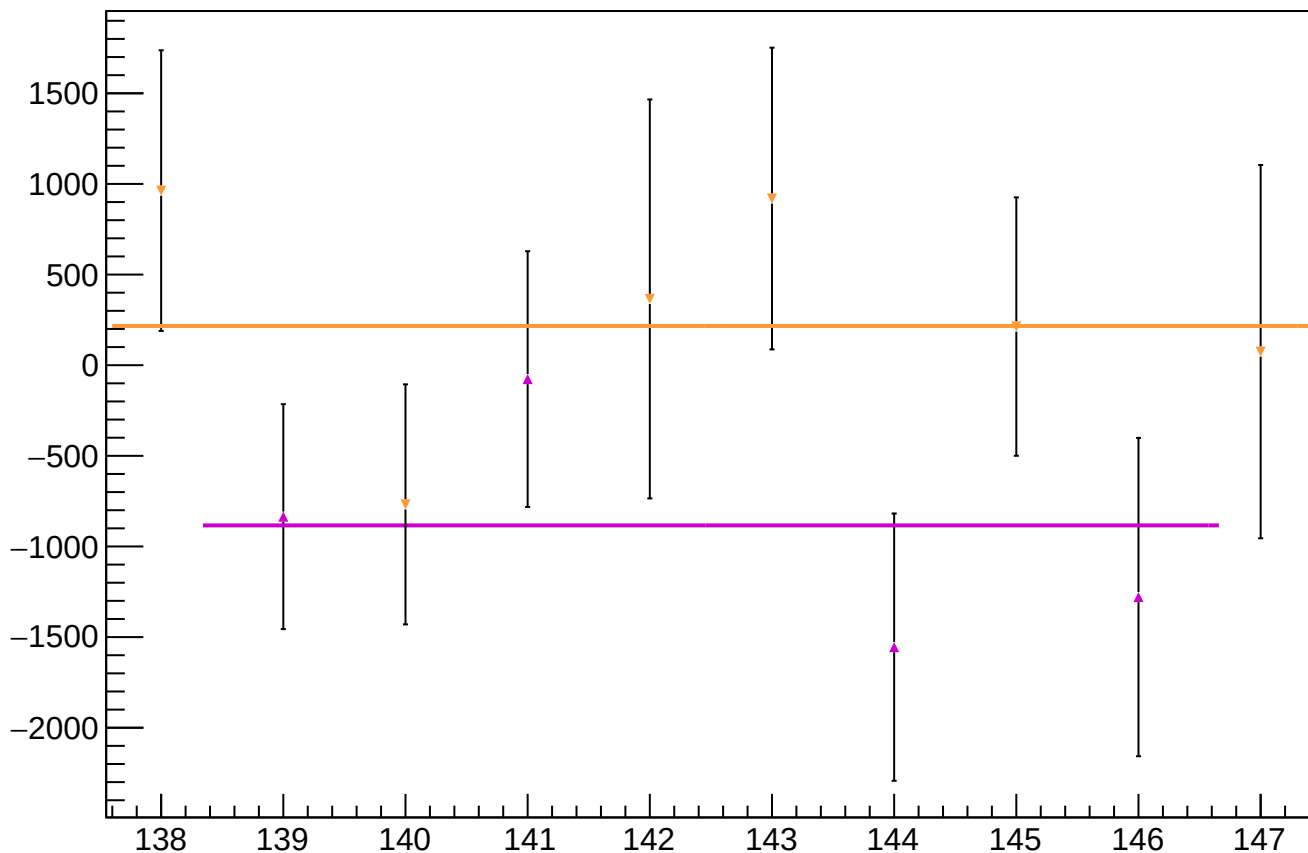
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.212+/-0.039 χ^2/NDF :21880.4/3

Out: 102.090+/-0.036 χ^2/NDF :95029.6/5

All: 101.696+/-0.026 χ^2/NDF : 117183.4/9

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 216.307+/-330.958 χ^2/NDF : 3.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -883.800+/-359.373 χ^2/NDF : 2.3/3

Left: -288.541+/-243.449 χ^2/NDF : 11.3/9

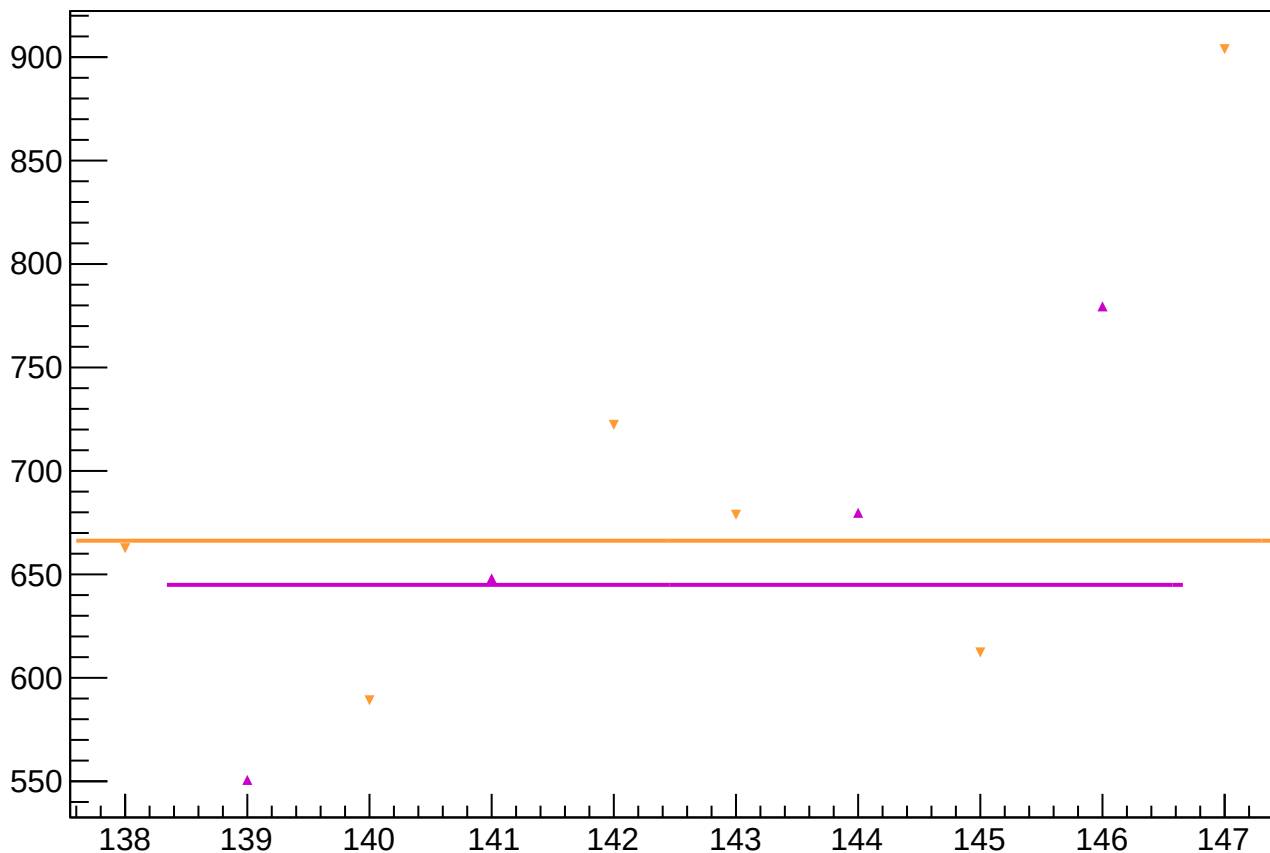
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -883.800+/-359.373 χ^2/NDF : 2.3/3

Out: 216.307+/-330.958 χ^2/NDF : 3.9/5

All: -288.541+/-243.449 χ^2/NDF : 11.3/9

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 666.286+/-0.234 χ^2/NDF :150767.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 644.941+/-0.254 χ^2/NDF :97659.5/3

Left: 656.491+/-0.172 χ^2/NDF : 252245.1/9

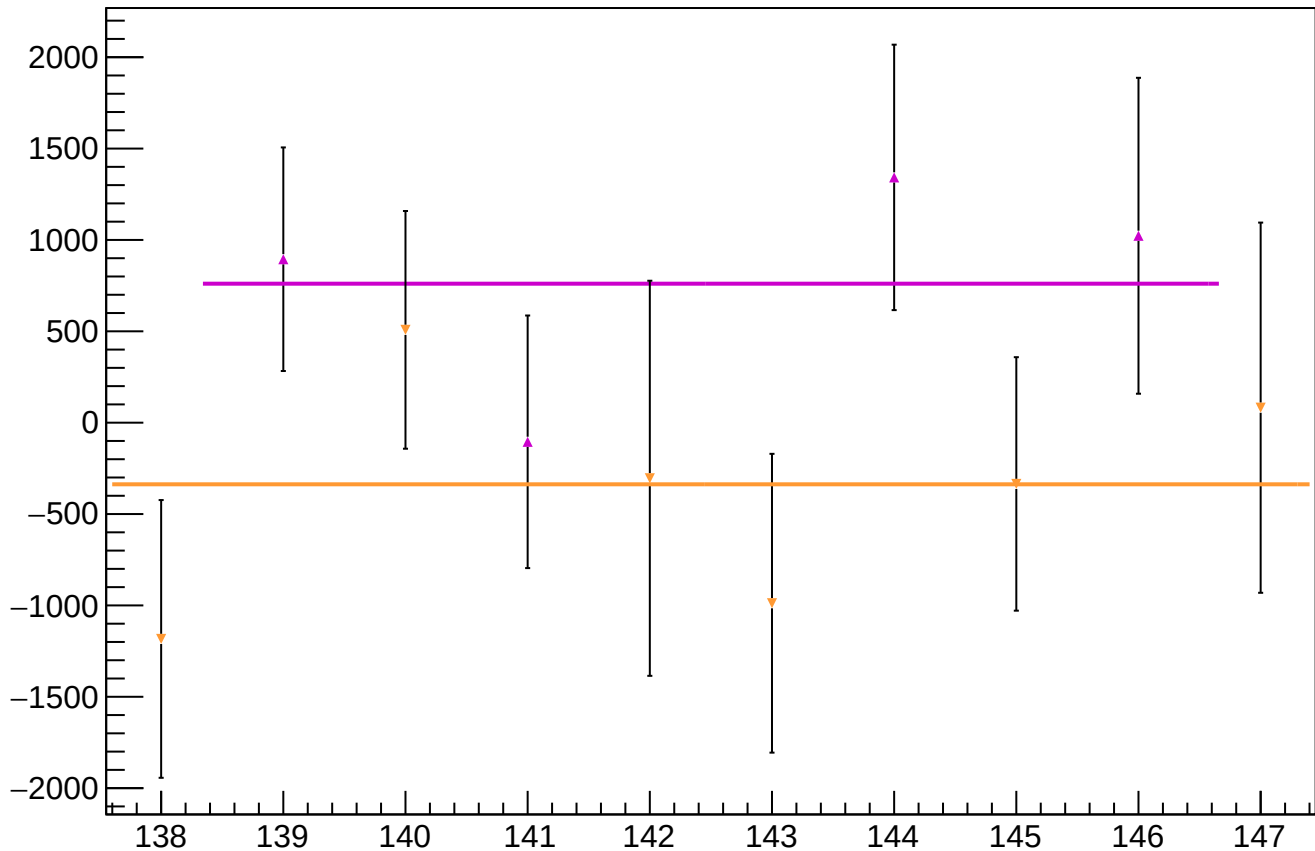
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 644.941+/-0.254 χ^2/NDF :97659.5/3

Out: 666.286+/-0.234 χ^2/NDF :150767.7/5

All: 656.491+/-0.172 χ^2/NDF : 252245.1/9

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -337.228+/-324.435 χ^2/NDF :3.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 760.602+/-353.558 χ^2/NDF :2.3/3

Left: 164.617+/-239.044 χ^2/NDF : 11.3/9

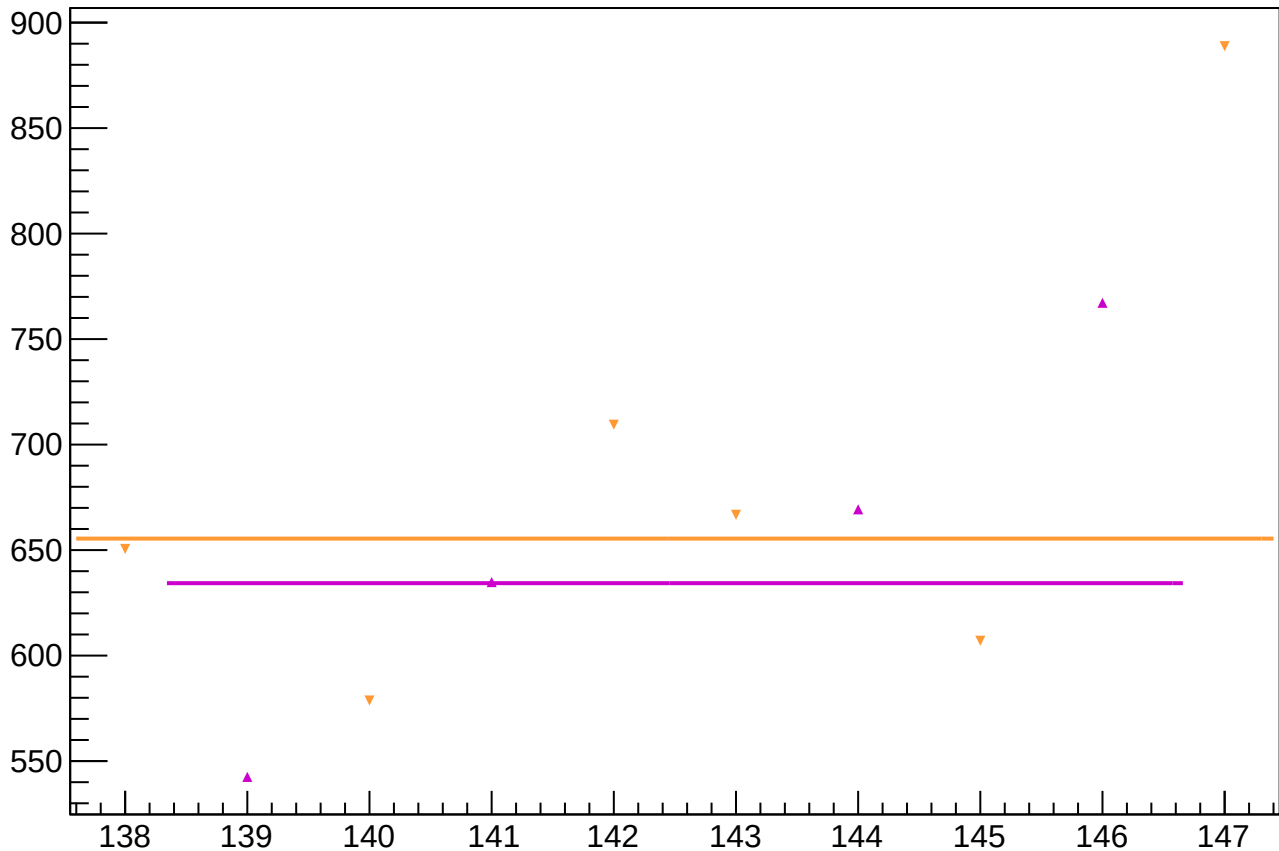
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 760.602+/-353.558 χ^2/NDF :2.3/3

Out: -337.228+/-324.435 χ^2/NDF :3.7/5

All: 164.617+/-239.044 χ^2/NDF : 11.3/9

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 655.448+/-0.229 χ^2/NDF :149186.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 634.316+/-0.250 χ^2/NDF :96956.9/3

Left: 645.788+/-0.169 χ^2/NDF : 250022.2/9

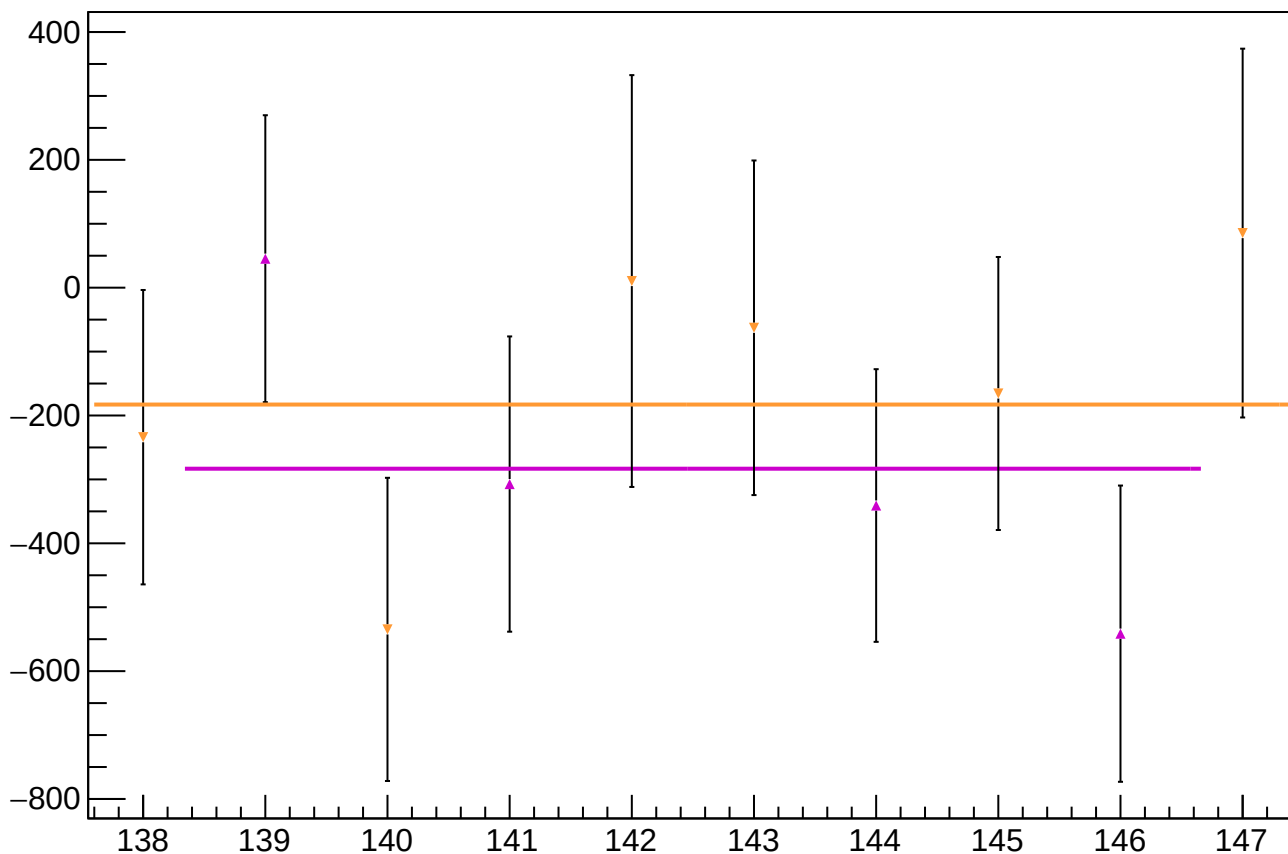
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 634.316+/-0.250 χ^2/NDF :96956.9/3

Out: 655.448+/-0.229 χ^2/NDF :149186.6/5

All: 645.788+/-0.169 χ^2/NDF : 250022.2/9

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -182.869+/-102.713 χ^2/NDF : 3.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -283.254+/-112.379 χ^2/NDF : 3.5/3

Left: -228.560+/-75.817 χ^2/NDF : 7.6/9

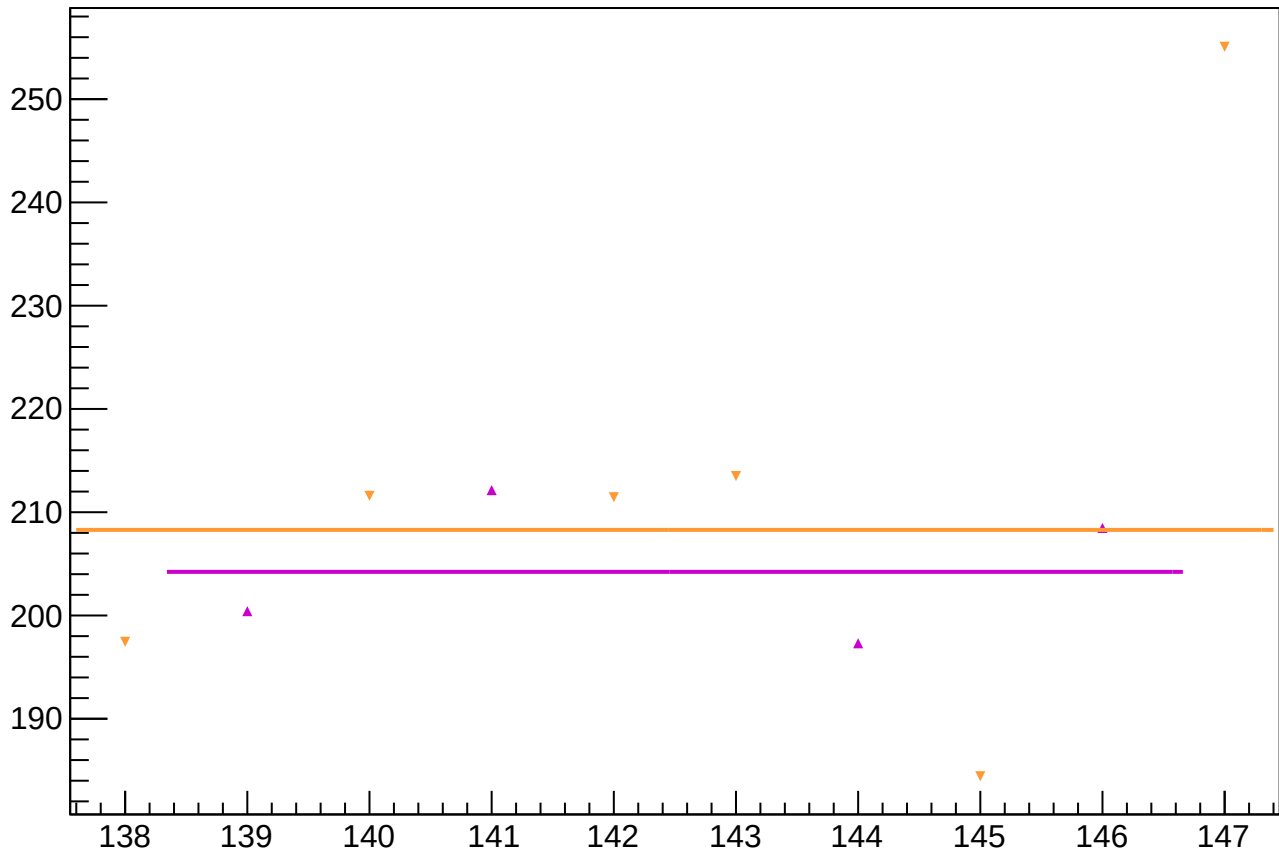
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -283.254+/-112.379 χ^2/NDF : 3.5/3

Out: -182.869+/-102.713 χ^2/NDF : 3.7/5

All: -228.560+/-75.817 χ^2/NDF : 7.6/9

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.289+/-0.073 χ^2/NDF :83328.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 204.225+/-0.079 χ^2/NDF :5700.8/3

Left: 206.439+/-0.054 χ^2/NDF : 90454.3/9

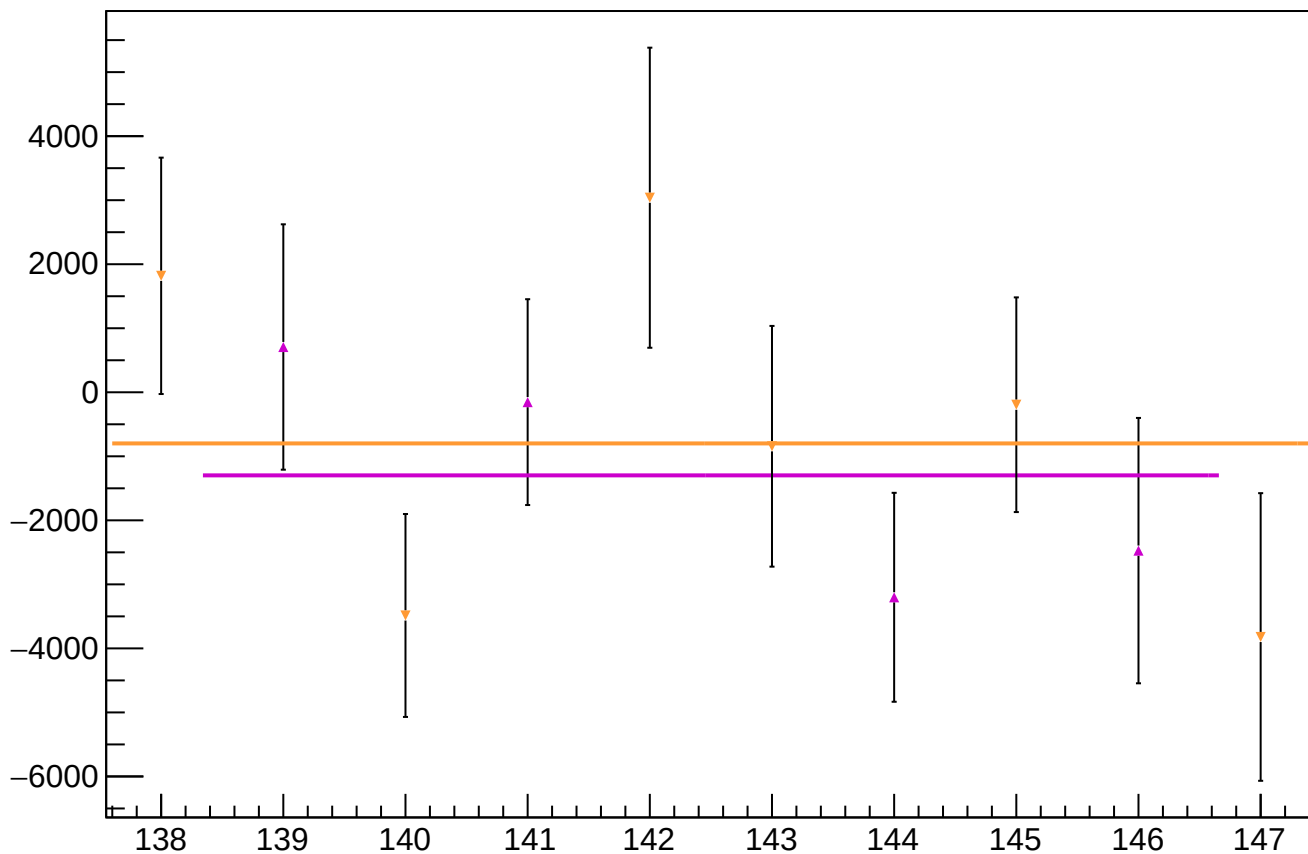
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 204.225+/-0.079 χ^2/NDF :5700.8/3

Out: 208.289+/-0.073 χ^2/NDF :83328.8/5

All: 206.439+/-0.054 χ^2/NDF : 90454.3/9

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -798.797+/-764.545 χ^2/NDF :9.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1297.790+/-888.077 χ^2/NDF :3.3/3

Left: -1011.202+/-579.409 χ^2/NDF : 13.0/9

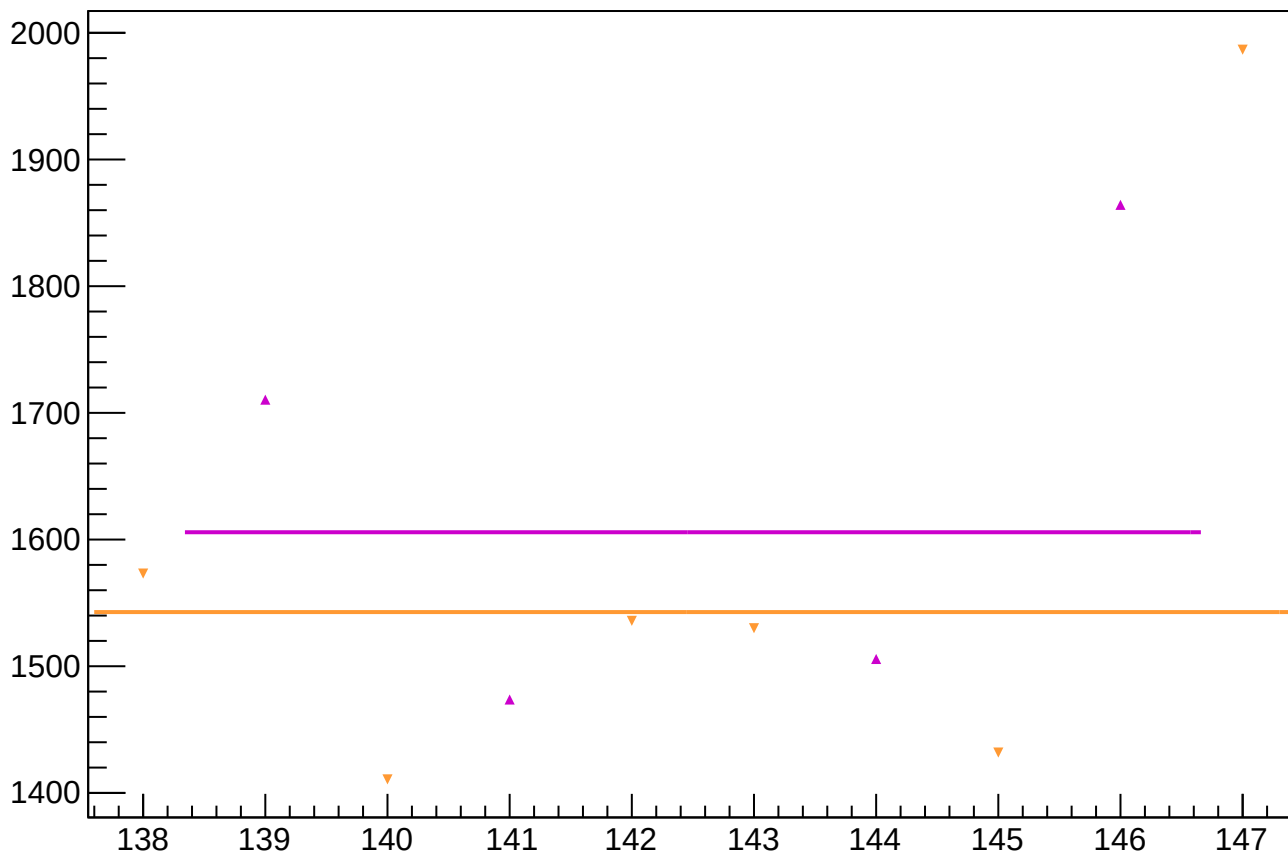
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1297.790+/-888.077 χ^2/NDF :3.3/3

Out: -798.797+/-764.545 χ^2/NDF :9.5/5

All: -1011.202+/-579.409 χ^2/NDF : 13.0/9

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1542.757+/-0.541 χ^2/NDF :101419.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1605.772+/-0.628 χ^2/NDF :58084.7/3

Left: 1569.580+/-0.410 χ^2/NDF : 165287.5/9

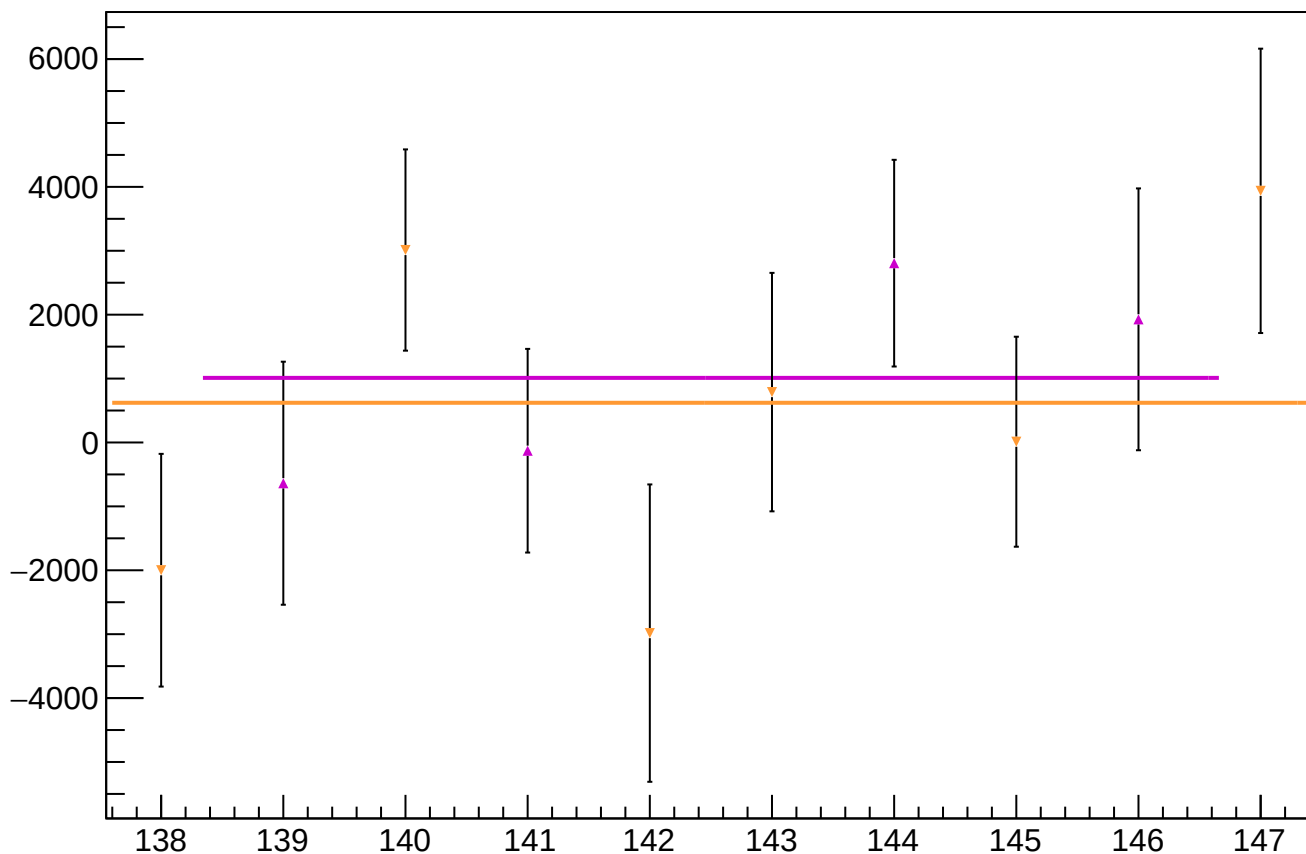
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1605.772+/-0.628 χ^2/NDF :58084.7/3

Out: 1542.757+/-0.541 χ^2/NDF :101419.6/5

All: 1569.580+/-0.410 χ^2/NDF : 165287.5/9

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 621.218+/-756.118 χ^2/NDF : 9.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1010.897+/-880.161 χ^2/NDF : 2.7/3

Left: 786.685+/-573.542 χ^2/NDF : 12.0/9

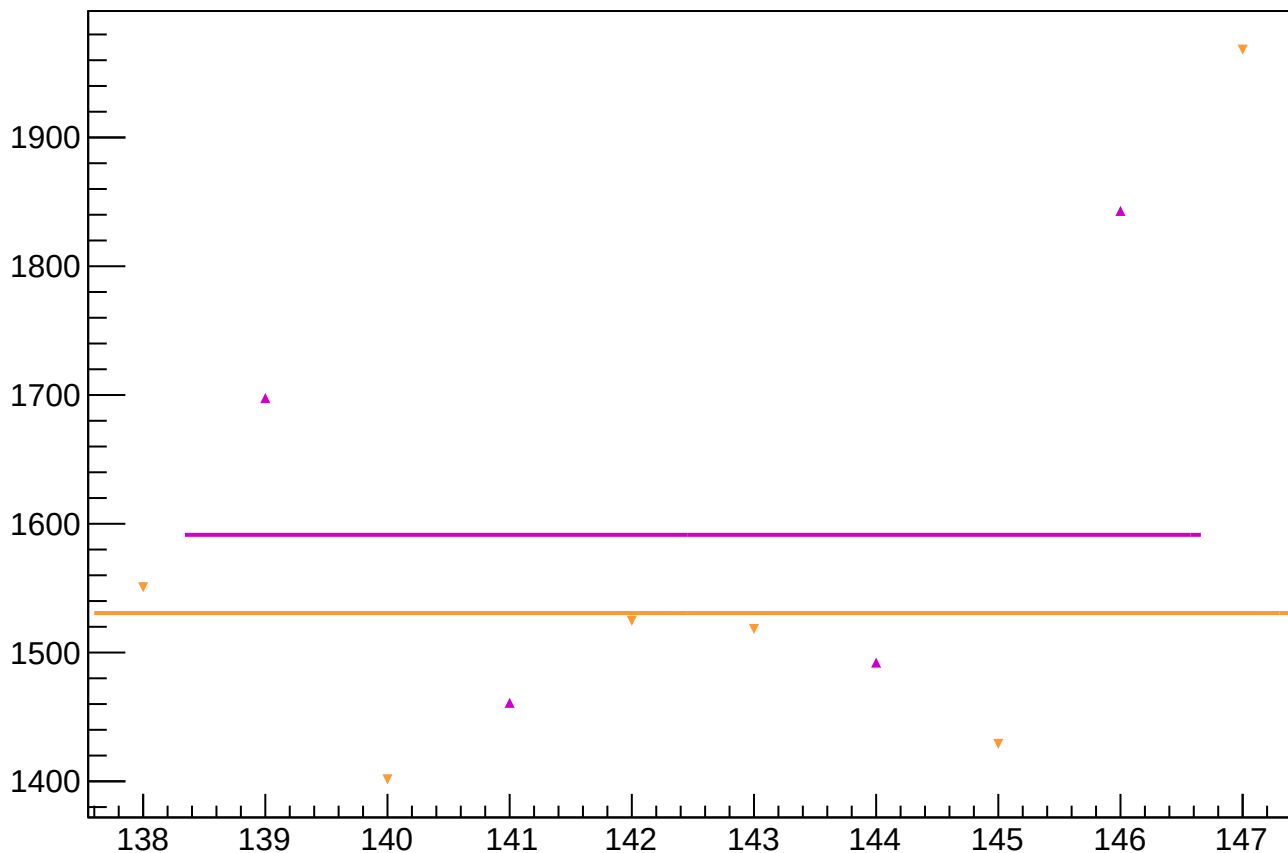
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1010.897+/-880.161 χ^2/NDF : 2.7/3

Out: 621.218+/-756.118 χ^2/NDF : 9.1/5

All: 786.685+/-573.542 χ^2/NDF : 12.0/9

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1530.694+/-0.535 χ^2/NDF :98765.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1591.427+/-0.622 χ^2/NDF :57313.2/3

Left: 1556.483+/-0.406 χ^2/NDF : 161557.3/9

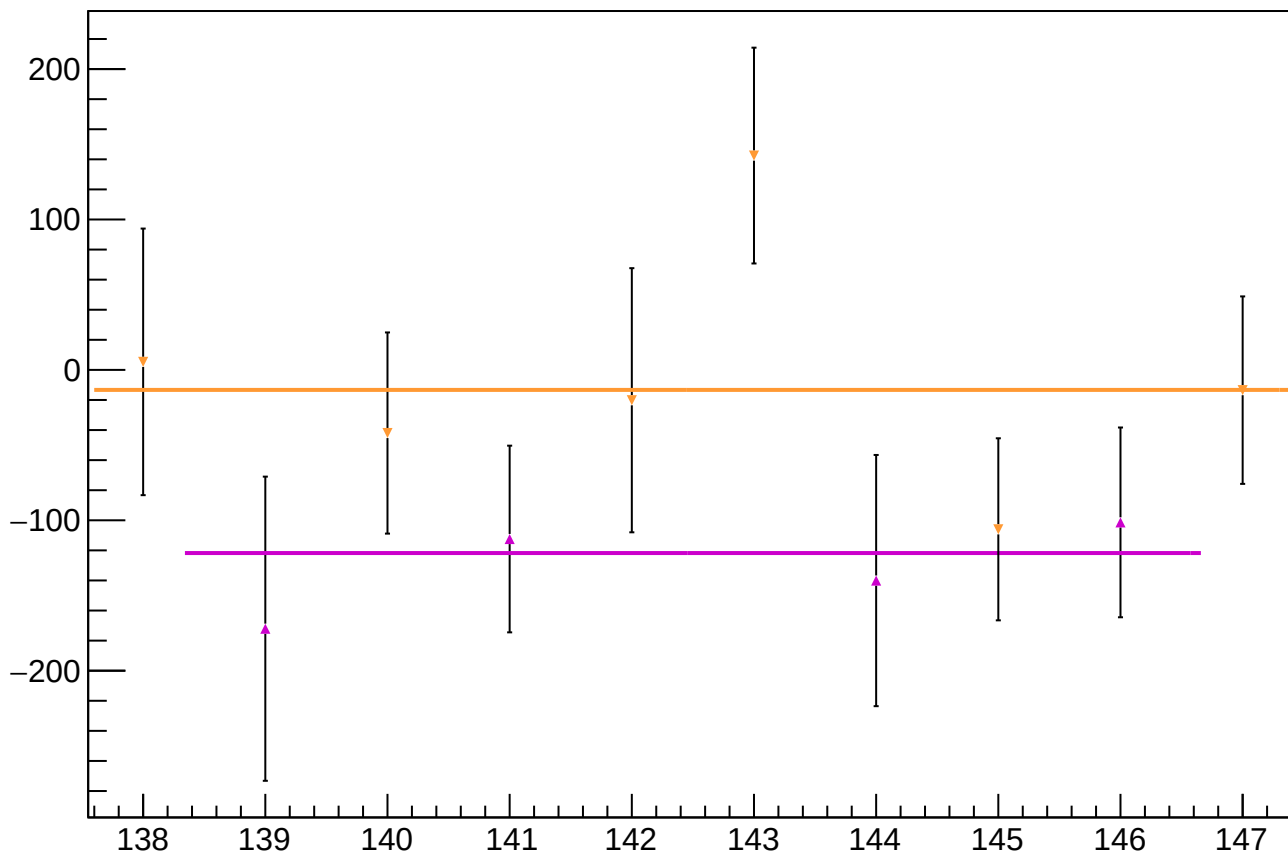
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1591.427+/-0.622 χ^2/NDF :57313.2/3

Out: 1530.694+/-0.535 χ^2/NDF :98765.0/5

All: 1556.483+/-0.406 χ^2/NDF : 161557.3/9

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -13.305 ± 28.803 $\chi^2/\text{NDF}: 7.3/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -121.775 ± 36.465 $\chi^2/\text{NDF}: 0.4/3$

Left: -54.980 ± 22.603 $\chi^2/\text{NDF}: 13.2/9$

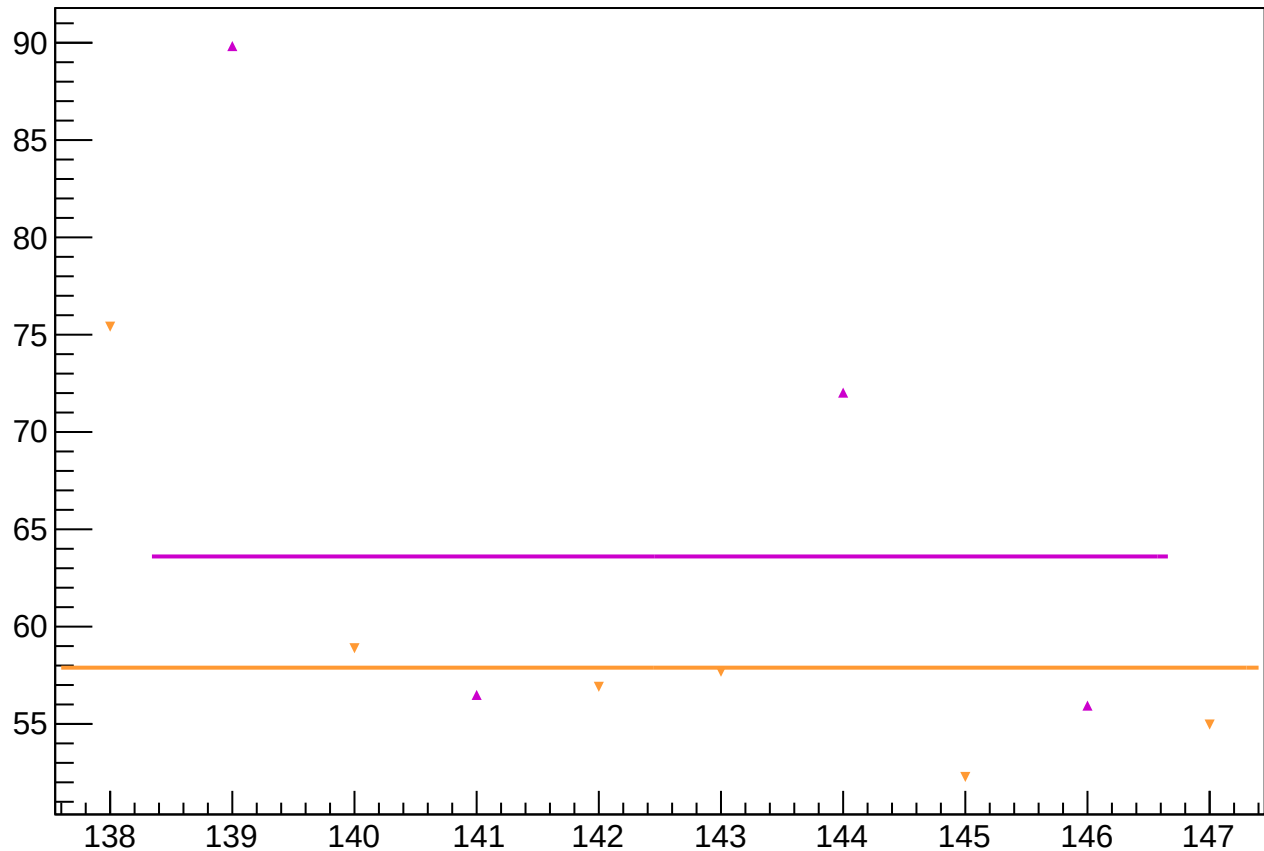
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -121.775 ± 36.465 $\chi^2/\text{NDF}: 0.4/3$

Out: -13.305 ± 28.803 $\chi^2/\text{NDF}: 7.3/5$

All: -54.980 ± 22.603 $\chi^2/\text{NDF}: 13.2/9$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 57.891+/-0.020 χ^2/NDF :100489.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 63.605+/-0.026 χ^2/NDF :210630.9/3

Left: 60.087+/-0.016 χ^2/NDF : 341356.9/9

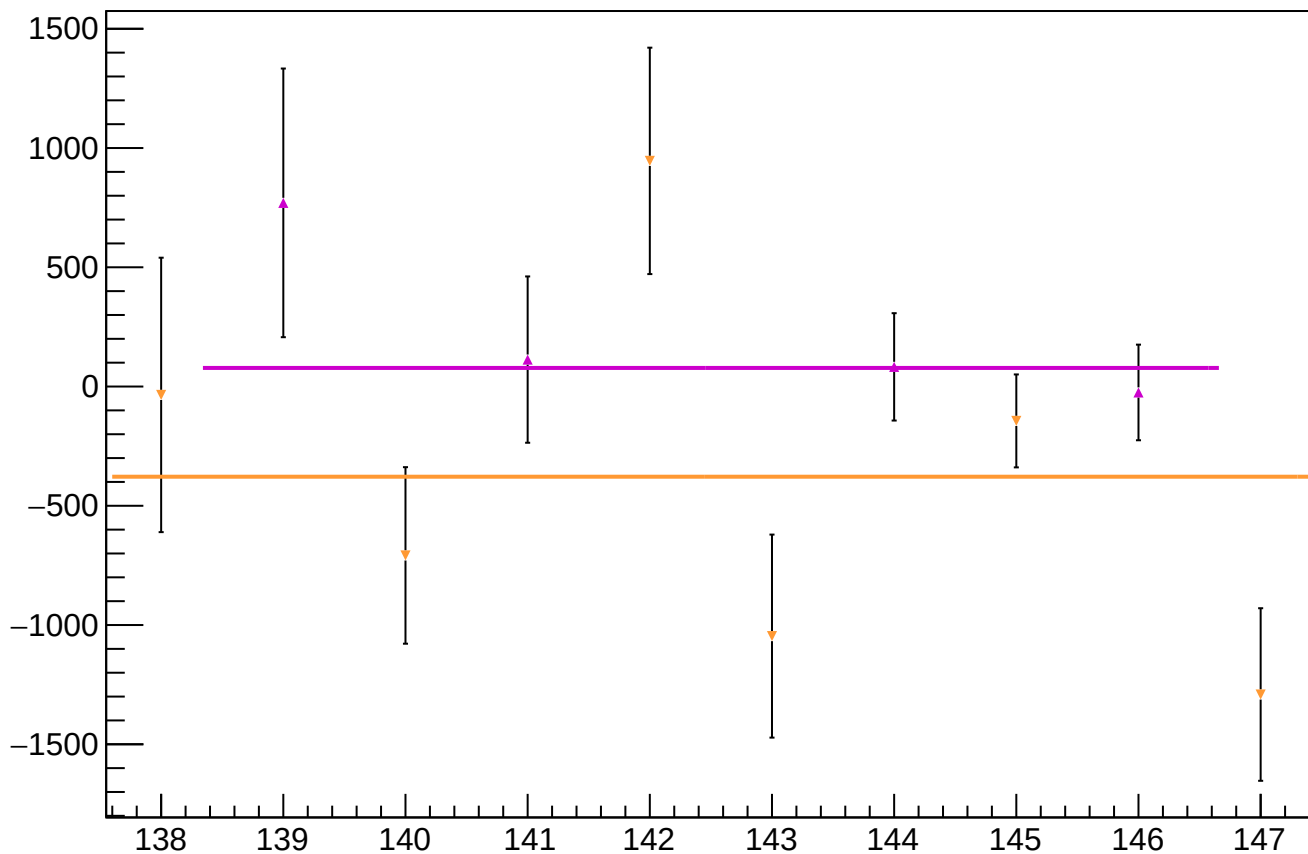
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.605+/-0.026 χ^2/NDF :210630.9/3

Out: 57.891+/-0.020 χ^2/NDF :100489.3/5

All: 60.087+/-0.016 χ^2/NDF : 341356.9/9

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -378.102+/-135.762 χ^2/NDF :19.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 77.962+/-133.632 χ^2/NDF :1.8/3

Left: -146.464+/-95.236 χ^2/NDF : 26.7/9

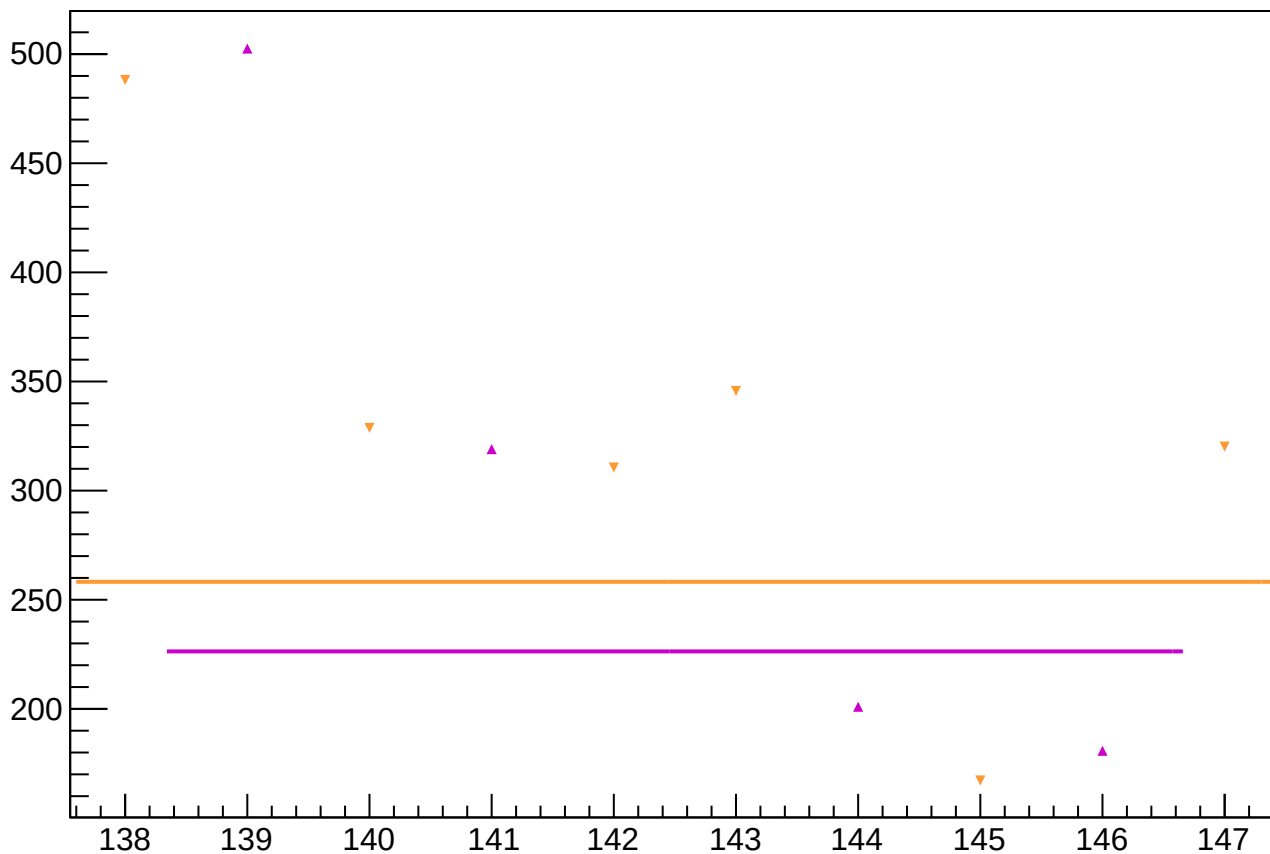
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 77.962+/-133.632 χ^2/NDF :1.8/3

Out: -378.102+/-135.762 χ^2/NDF :19.2/5

All: -146.464+/-95.236 χ^2/NDF : 26.7/9

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 258.221+/-0.096 χ^2/NDF :995965.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 226.334+/-0.094 χ^2/NDF :750840.3/3

Left: 242.026+/-0.067 χ^2/NDF : 1802842.8/9

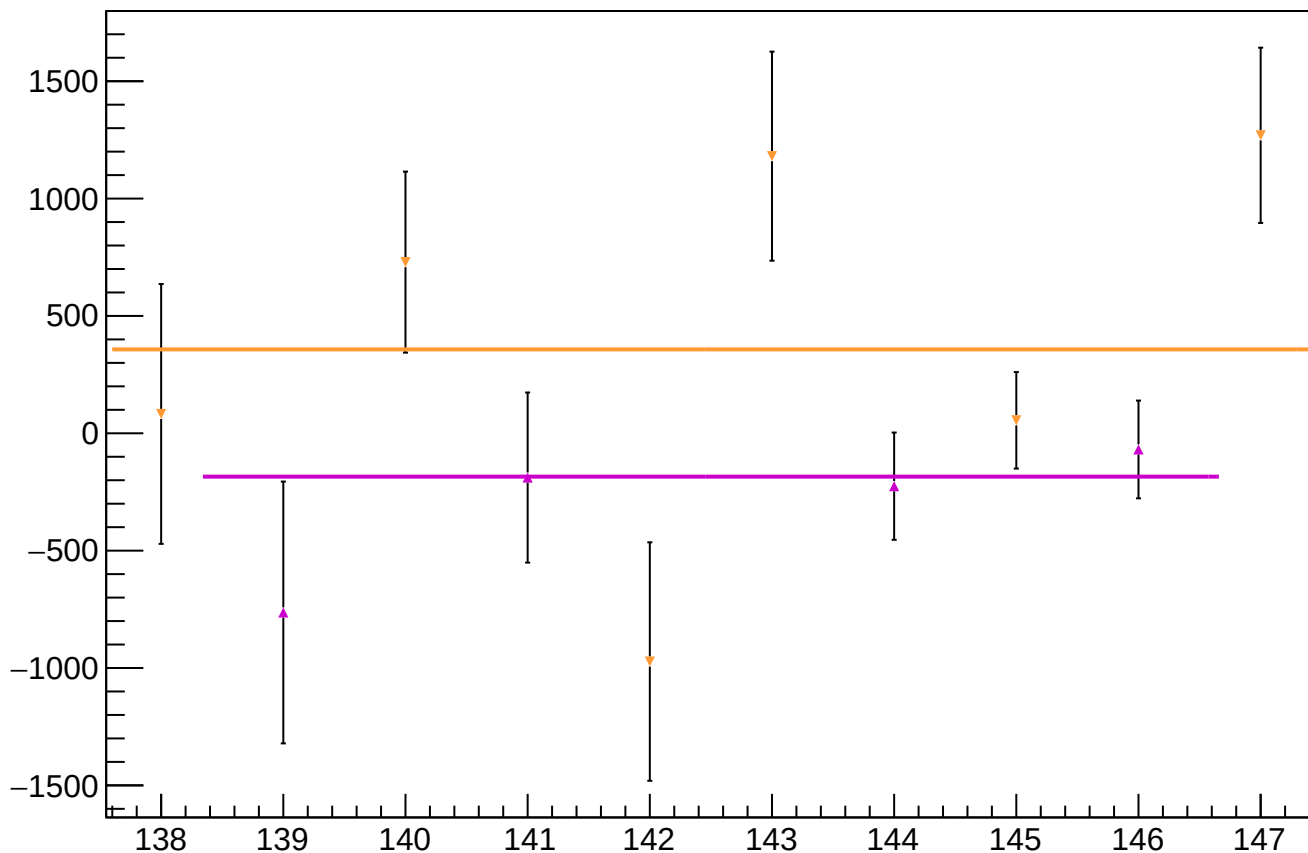
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.334+/-0.094 χ^2/NDF :750840.3/3

Out: 258.221+/-0.096 χ^2/NDF :995965.8/5

All: 242.026+/-0.067 χ^2/NDF : 1802842.8/9

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 357.459+/-141.823 χ^2/NDF :19.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -184.656+/-137.297 χ^2/NDF :1.4/3

Left: 77.613+/-98.645 χ^2/NDF : 28.5/9

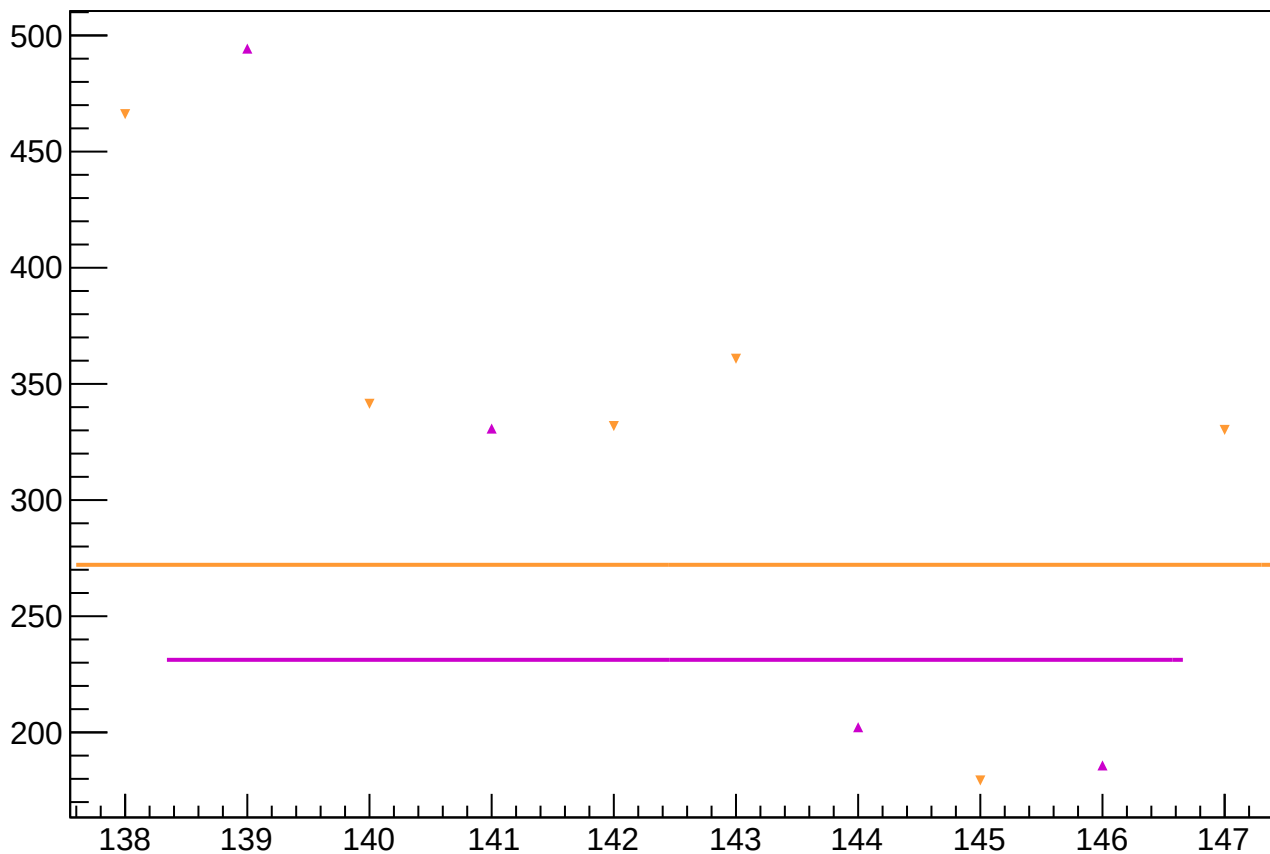
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -184.656+/-137.297 χ^2/NDF :1.4/3

Out: 357.459+/-141.823 χ^2/NDF :19.6/5

All: 77.613+/-98.645 χ^2/NDF : 28.5/9

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 272.132+/-0.100 χ^2/NDF : 872973.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 231.234+/-0.097 χ^2/NDF : 723475.4/3

Left: 251.020+/-0.070 χ^2/NDF : 1682305.0/9

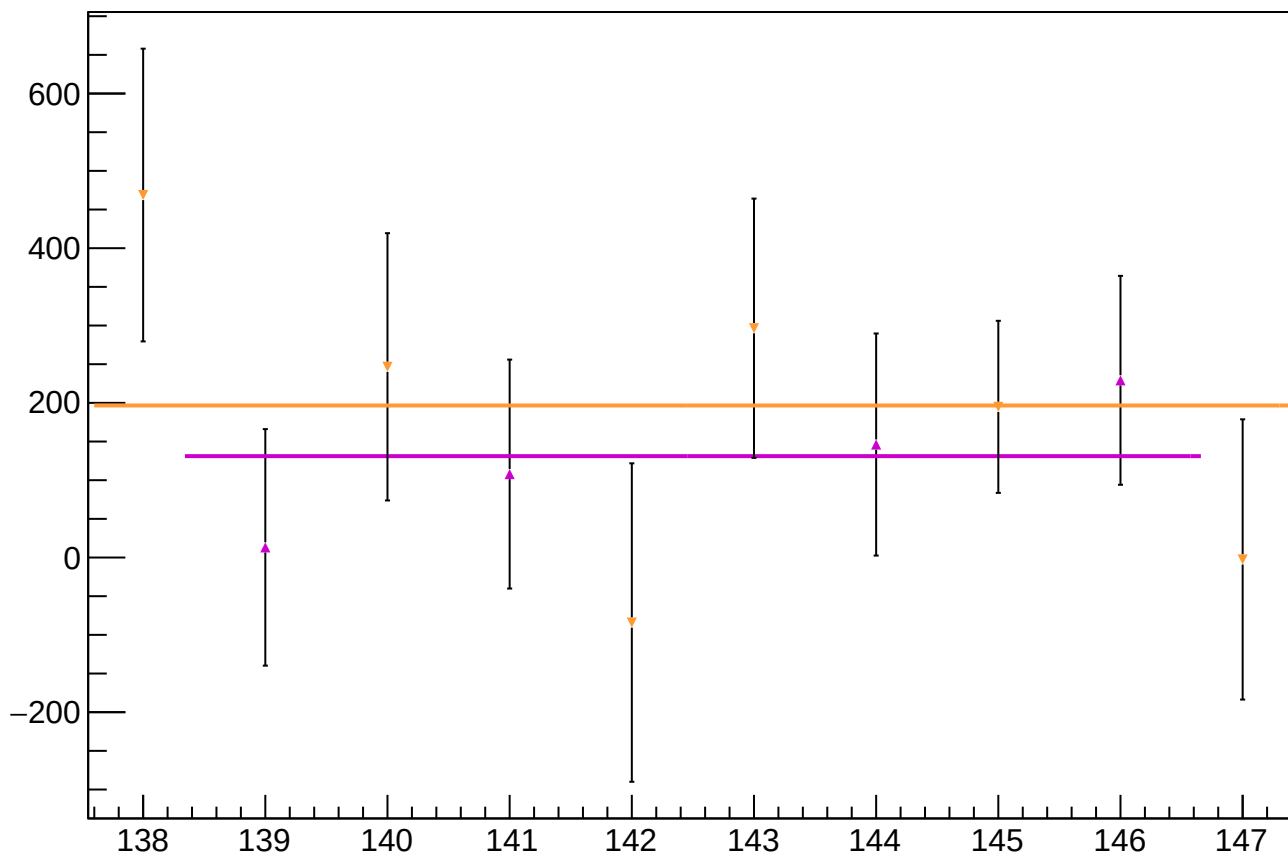
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.234+/-0.097 χ^2/NDF : 723475.4/3

Out: 272.132+/-0.100 χ^2/NDF : 872973.3/5

All: 251.020+/-0.070 χ^2/NDF : 1682305.0/9

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 196.608 $\pm$ 65.680 χ^2 /NDF:5.6/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 131.105 $\pm$ 72.226 χ^2 /NDF:1.2/3

Left: 166.959 $\pm$ 48.593 χ^2 /NDF: 7.2/9

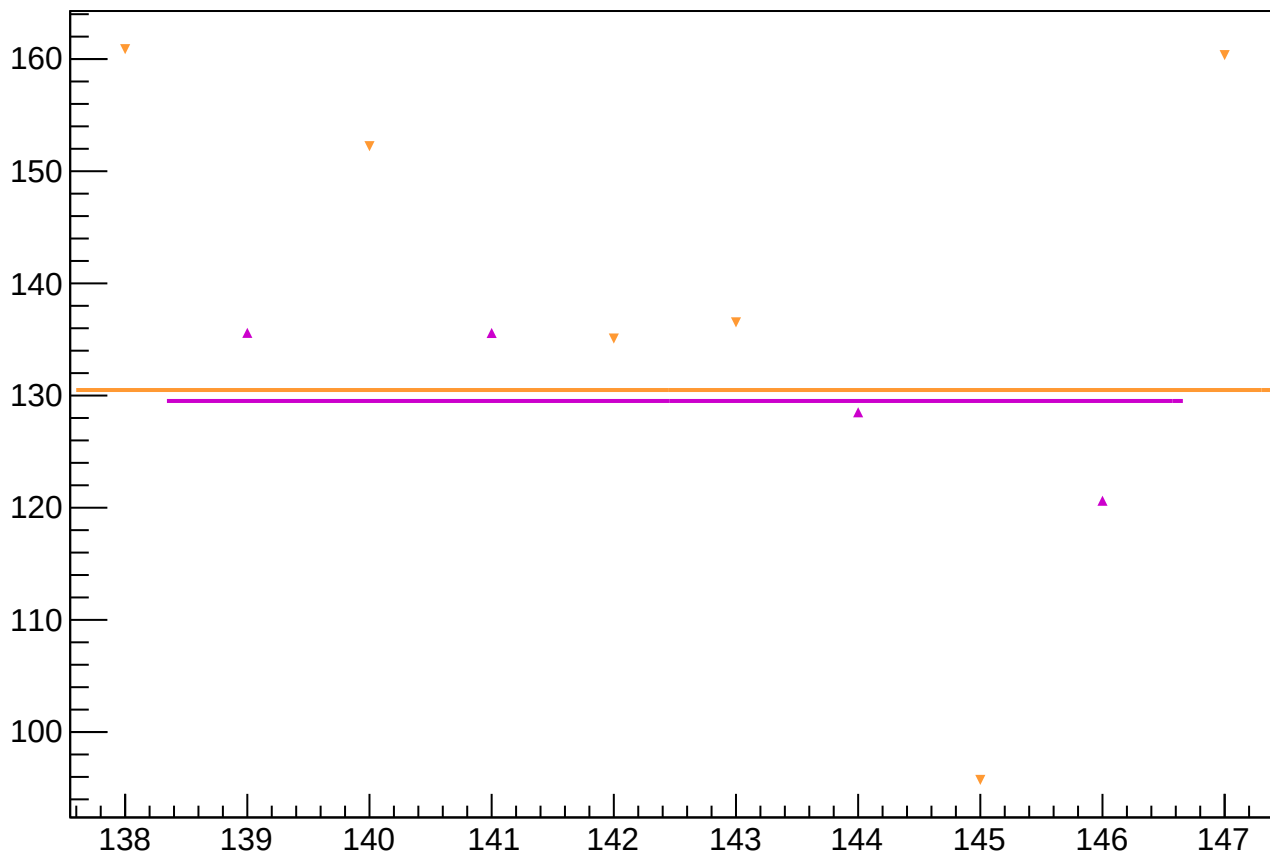
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 131.105 $\pm$ 72.226 χ^2 /NDF:1.2/3

Out: 196.608 $\pm$ 65.680 χ^2 /NDF:5.6/5

All: 166.959 $\pm$ 48.593 χ^2 /NDF: 7.2/9

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 130.493+/-0.046 χ^2/NDF :336305.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 129.517+/-0.051 χ^2/NDF :15278.0/3

Left: 130.052+/-0.034 χ^2/NDF : 351783.1/9

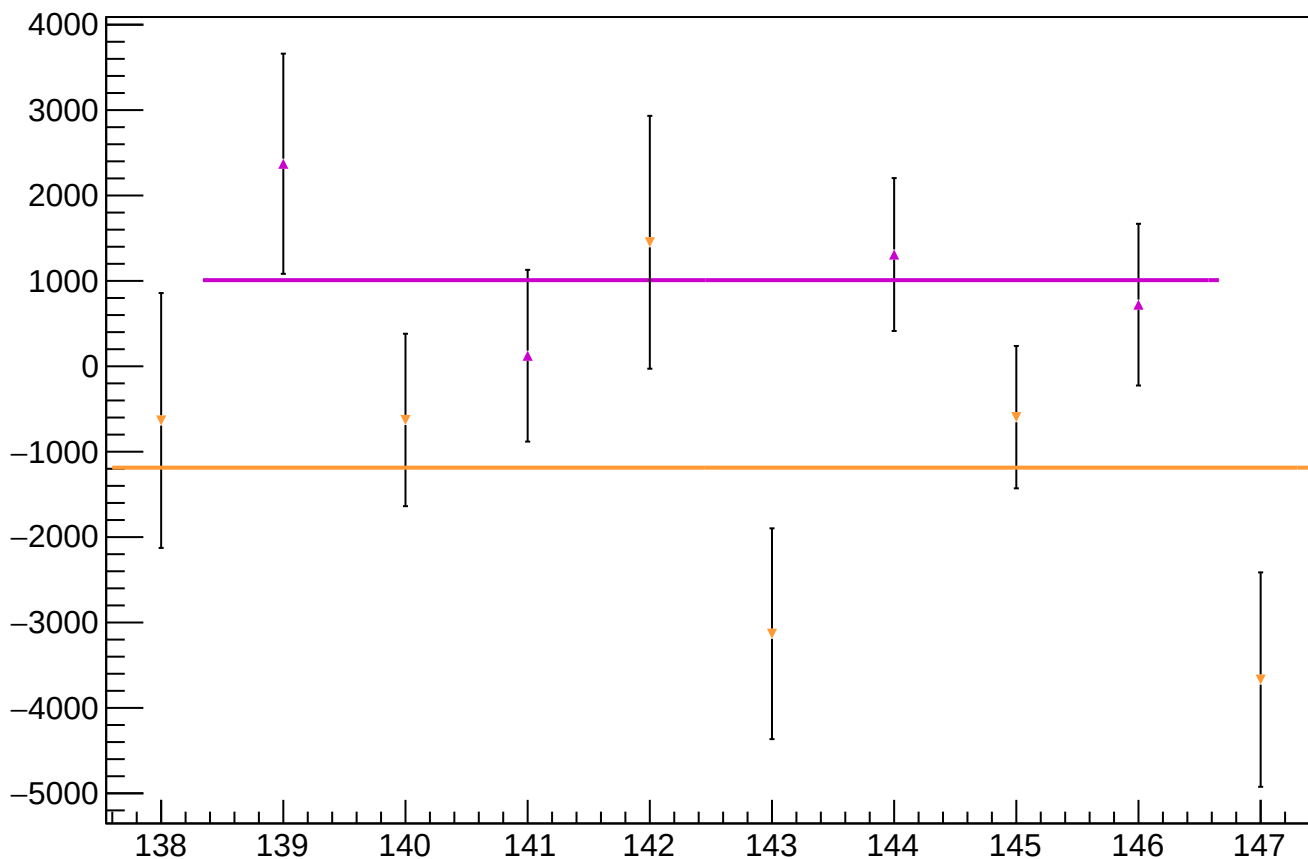
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 129.517+/-0.051 χ^2/NDF :15278.0/3

Out: 130.493+/-0.046 χ^2/NDF :336305.1/5

All: 130.052+/-0.034 χ^2/NDF : 351783.1/9

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1186.777+/-465.363 χ^2/NDF :10.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1008.725+/-502.878 χ^2/NDF :2.1/3

Left: -173.964+/-341.555 χ^2/NDF : 22.9/9

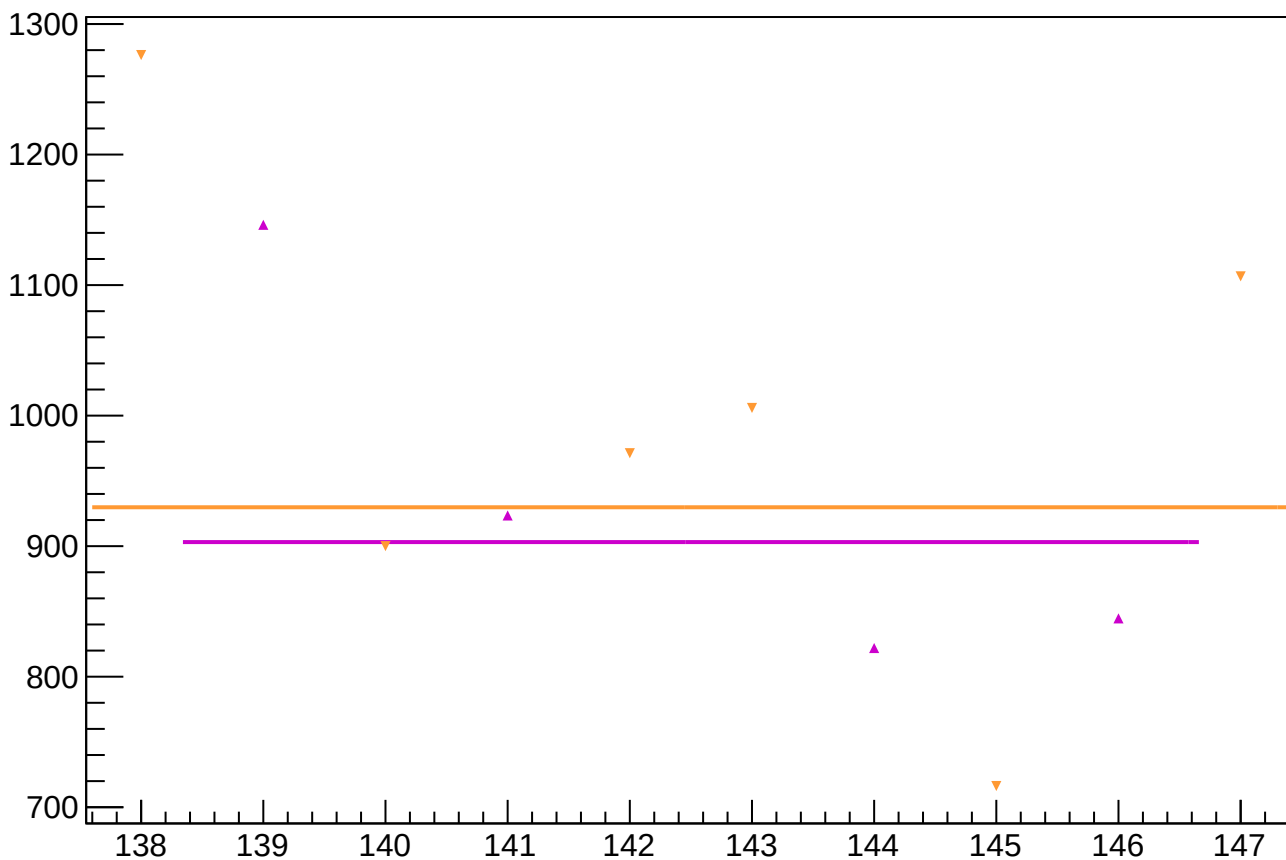
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1008.725+/-502.878 χ^2/NDF :2.1/3

Out: -1186.777+/-465.363 χ^2/NDF :10.5/5

All: -173.964+/-341.555 χ^2/NDF : 22.9/9

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 929.788+/-0.329 χ^2/NDF :289721.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 903.120+/-0.356 χ^2/NDF :96018.5/3

Left: 917.485+/-0.242 χ^2/NDF : 388770.3/9

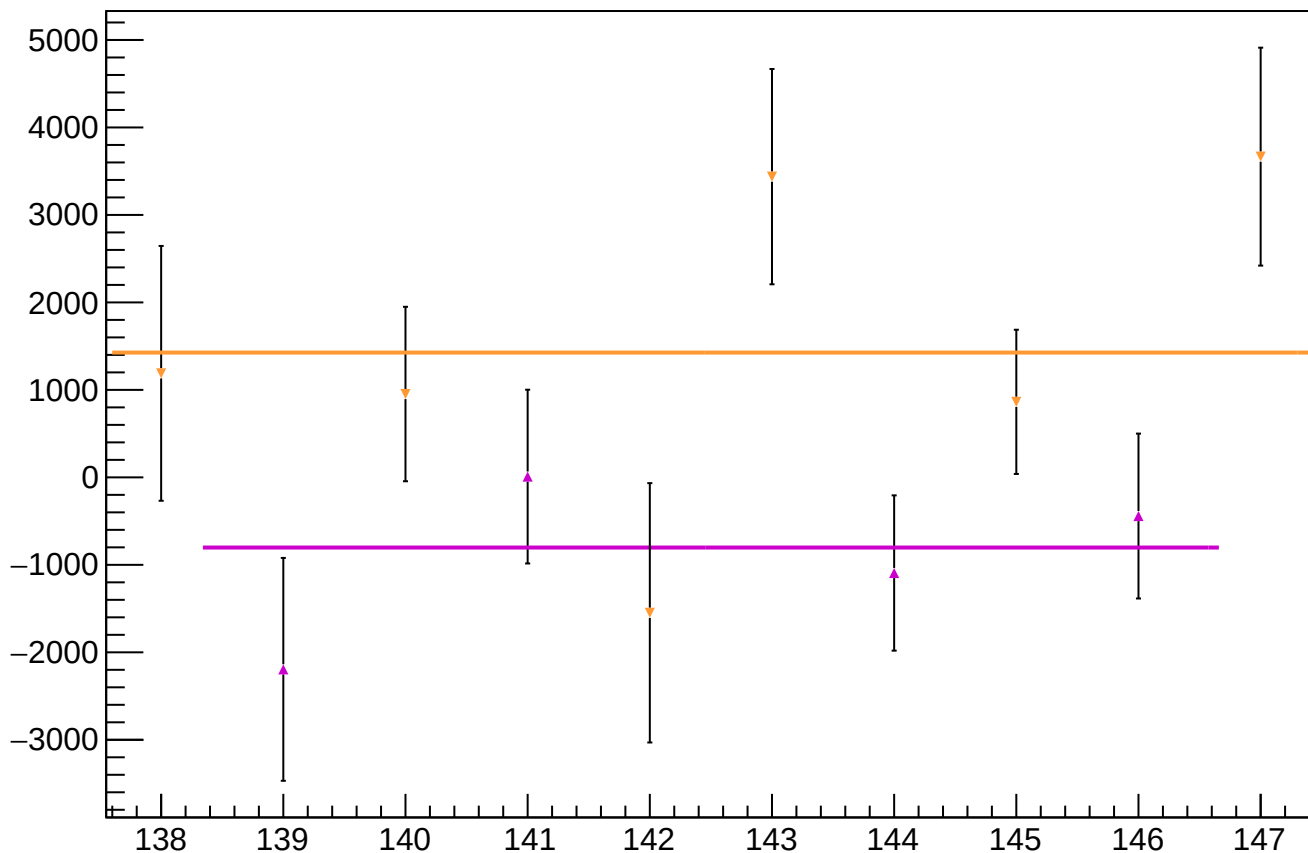
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 903.120+/-0.356 χ^2/NDF :96018.5/3

Out: 929.788+/-0.329 χ^2/NDF :289721.9/5

All: 917.485+/-0.242 χ^2/NDF : 388770.3/9

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1426.623+/-460.850 χ^2/NDF :10.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -802.189+/-498.424 χ^2/NDF :2.1/3

Left: 399.384+/-338.375 χ^2/NDF : 23.5/9

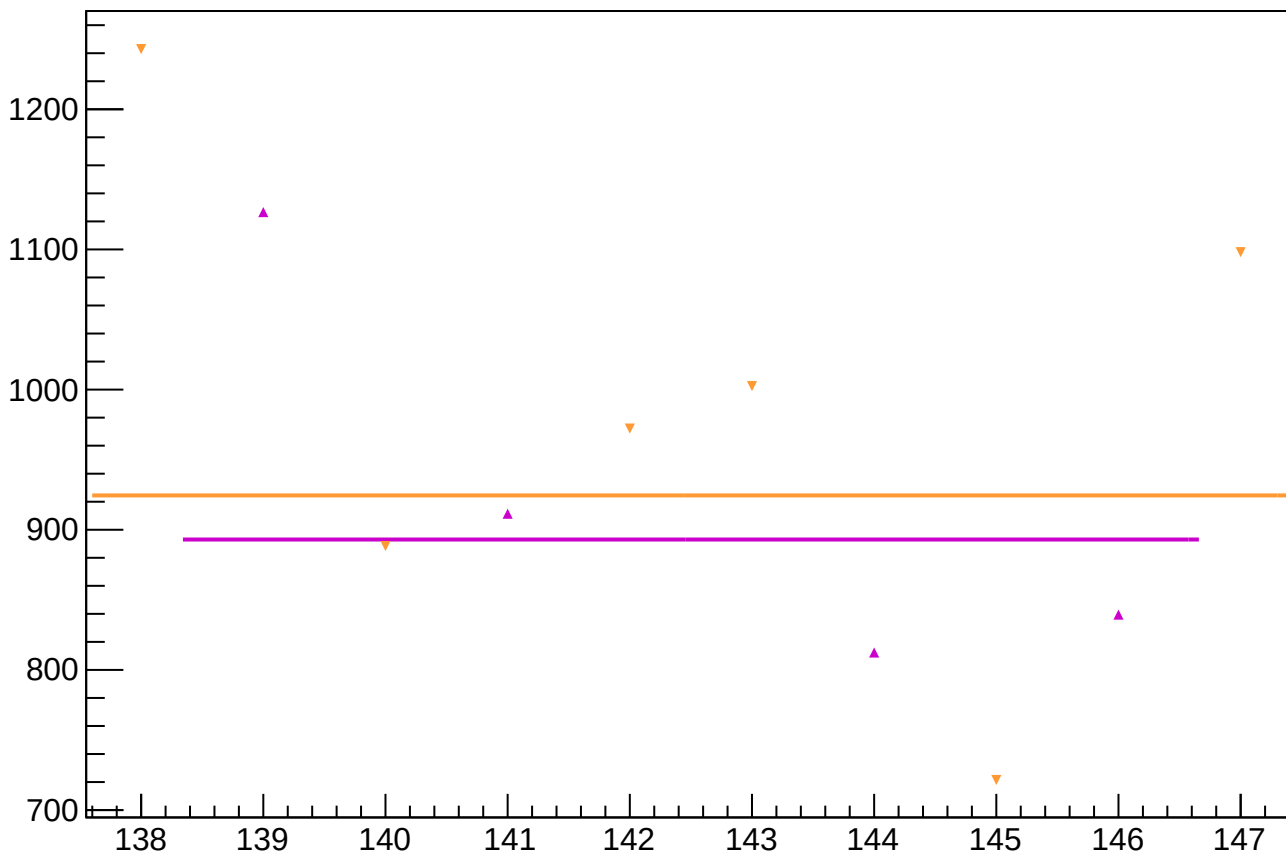
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -802.189+/-498.424 χ^2/NDF :2.1/3

Out: 1426.623+/-460.850 χ^2/NDF :10.7/5

All: 399.384+/-338.375 χ^2/NDF : 23.5/9

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 924.505+/-0.326 χ^2/NDF :268437.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 893.037+/-0.352 χ^2/NDF :90895.5/3

Left: 910.002+/-0.239 χ^2/NDF : 363630.5/9

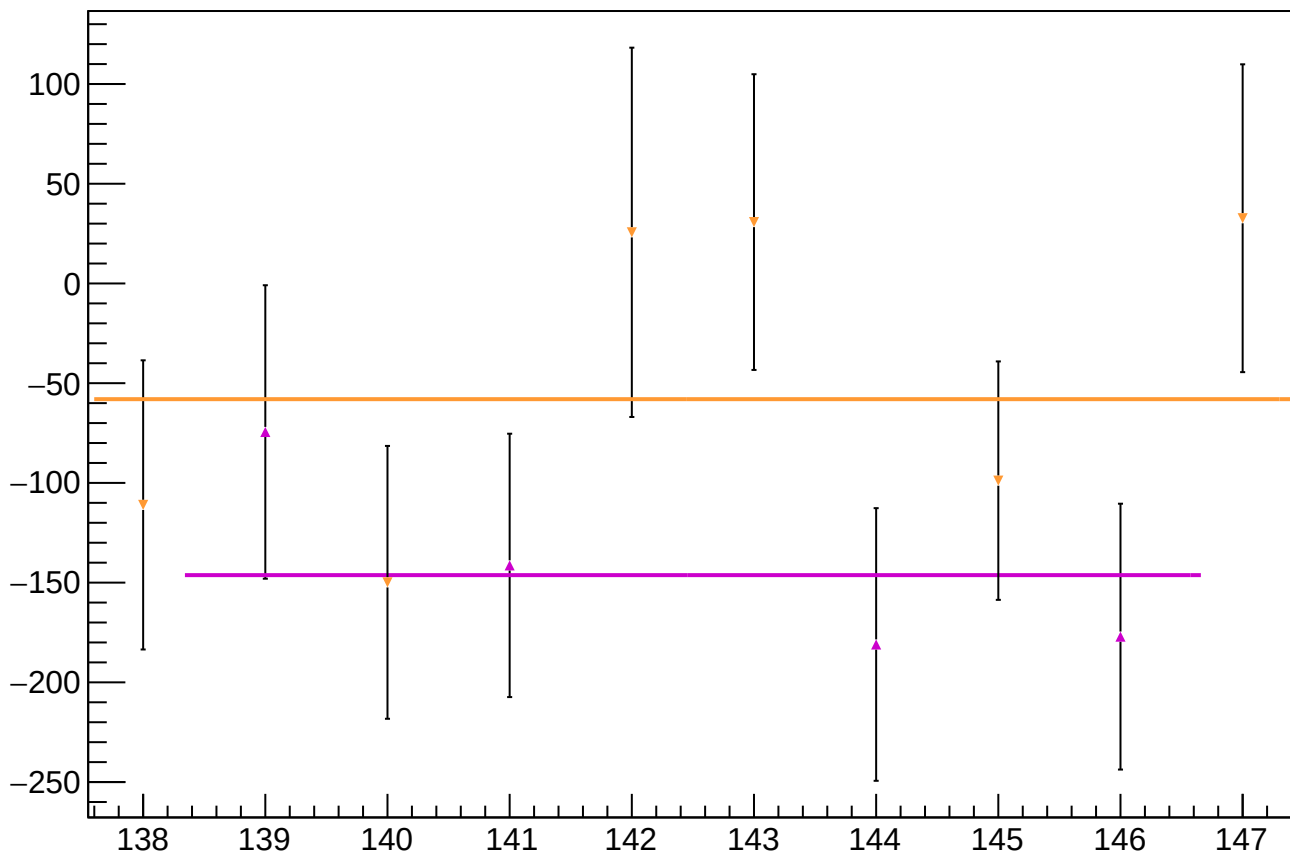
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 893.037+/-0.352 χ^2/NDF :90895.5/3

Out: 924.505+/-0.326 χ^2/NDF :268437.3/5

All: 910.002+/-0.239 χ^2/NDF : 363630.5/9

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.016+/-29.483 χ^2/NDF : 6.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -146.244+/-34.233 χ^2/NDF : 1.4/3

Left: -95.589+/-22.340 χ^2/NDF : 11.7/9

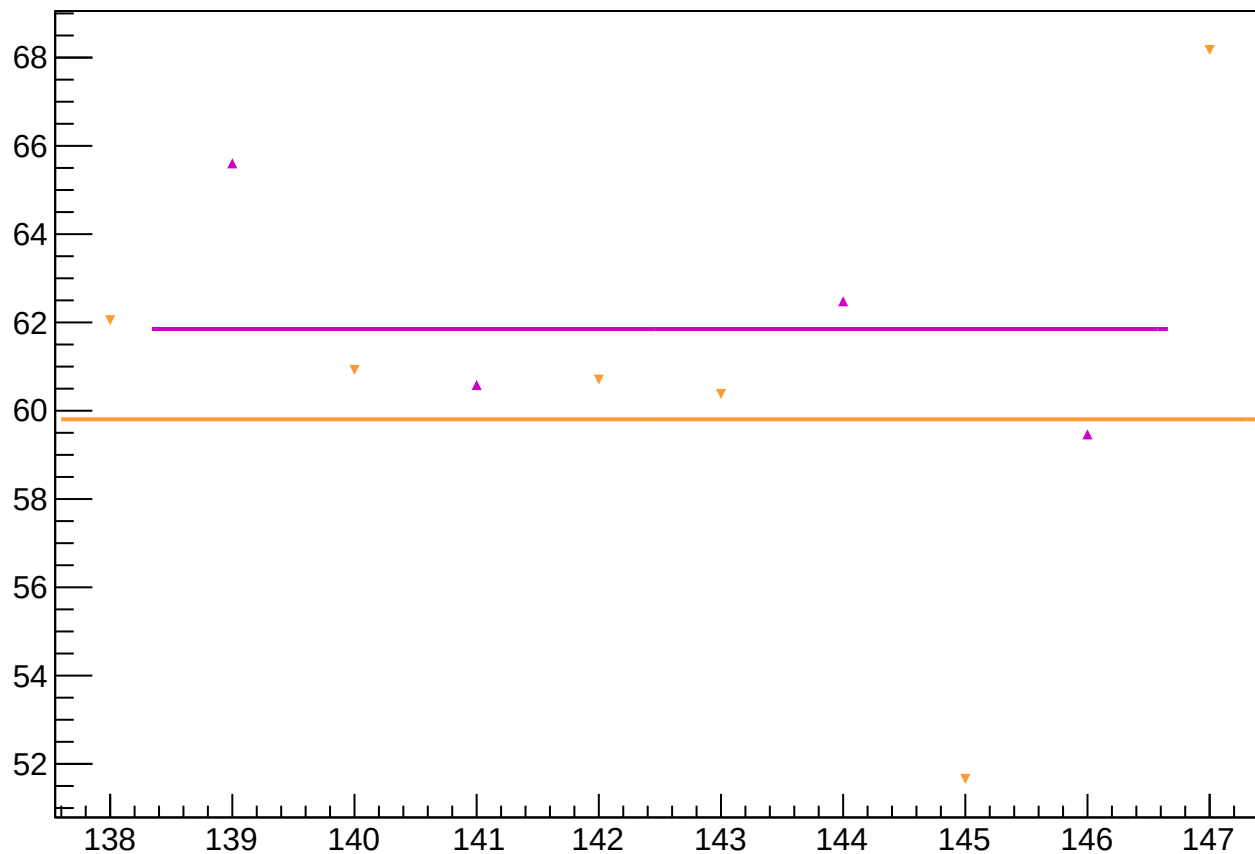
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -146.244+/-34.233 χ^2/NDF : 1.4/3

Out: -58.016+/-29.483 χ^2/NDF : 6.4/5

All: -95.589+/-22.340 χ^2/NDF : 11.7/9

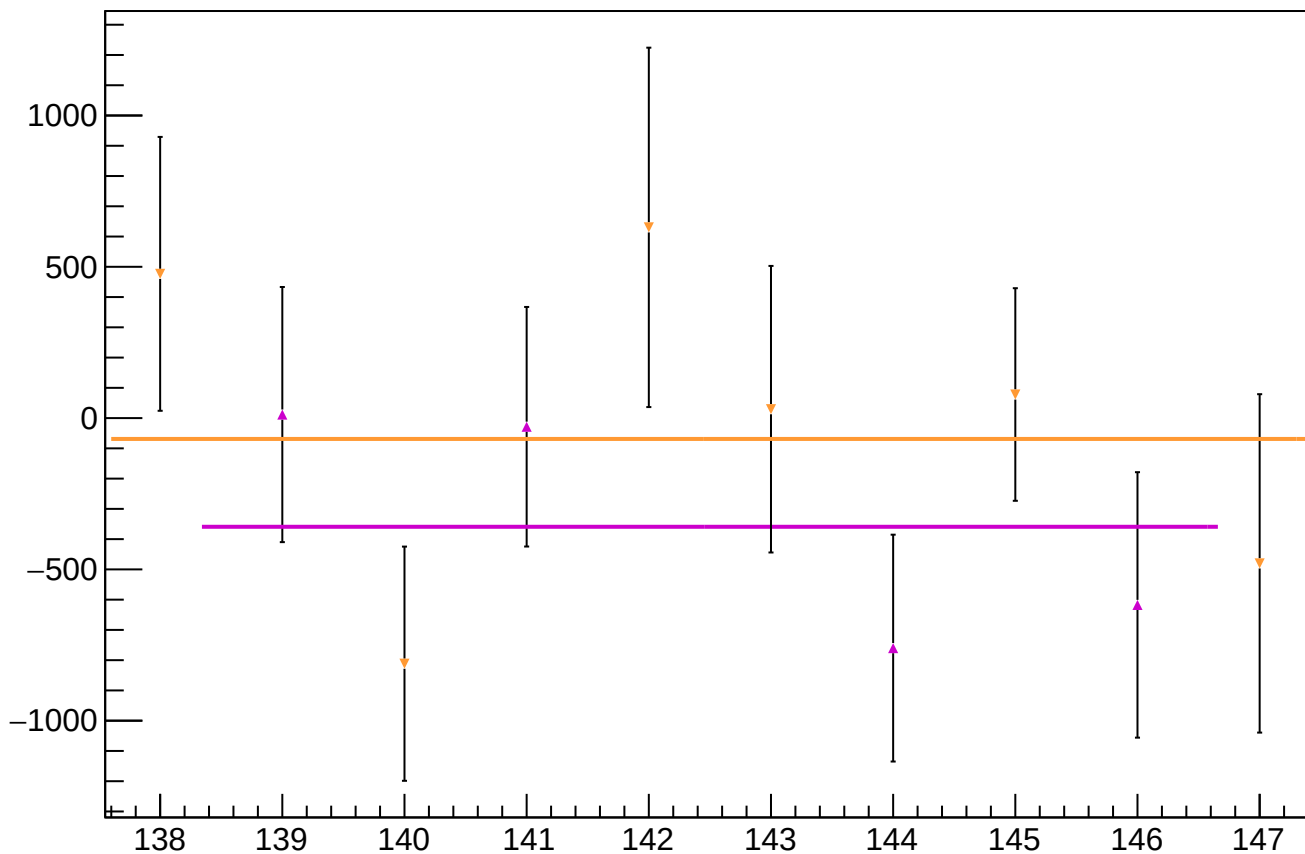
dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 59.805+/-0.021 χ^2/NDF :63397.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.851+/-0.024 χ^2/NDF :8671.2/3

Left: 60.677+/-0.016 χ^2/NDF : 76170.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.851+/-0.024 χ^2/NDF :8671.2/3
 Out: 59.805+/-0.021 χ^2/NDF :63397.8/5
 All: 60.677+/-0.016 χ^2/NDF : 76170.7/9

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.879+/-182.096 χ^2/NDF : 7.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -359.155+/-202.769 χ^2/NDF : 3.0/3

Left: -198.470+/-135.482 χ^2/NDF : 11.4/9

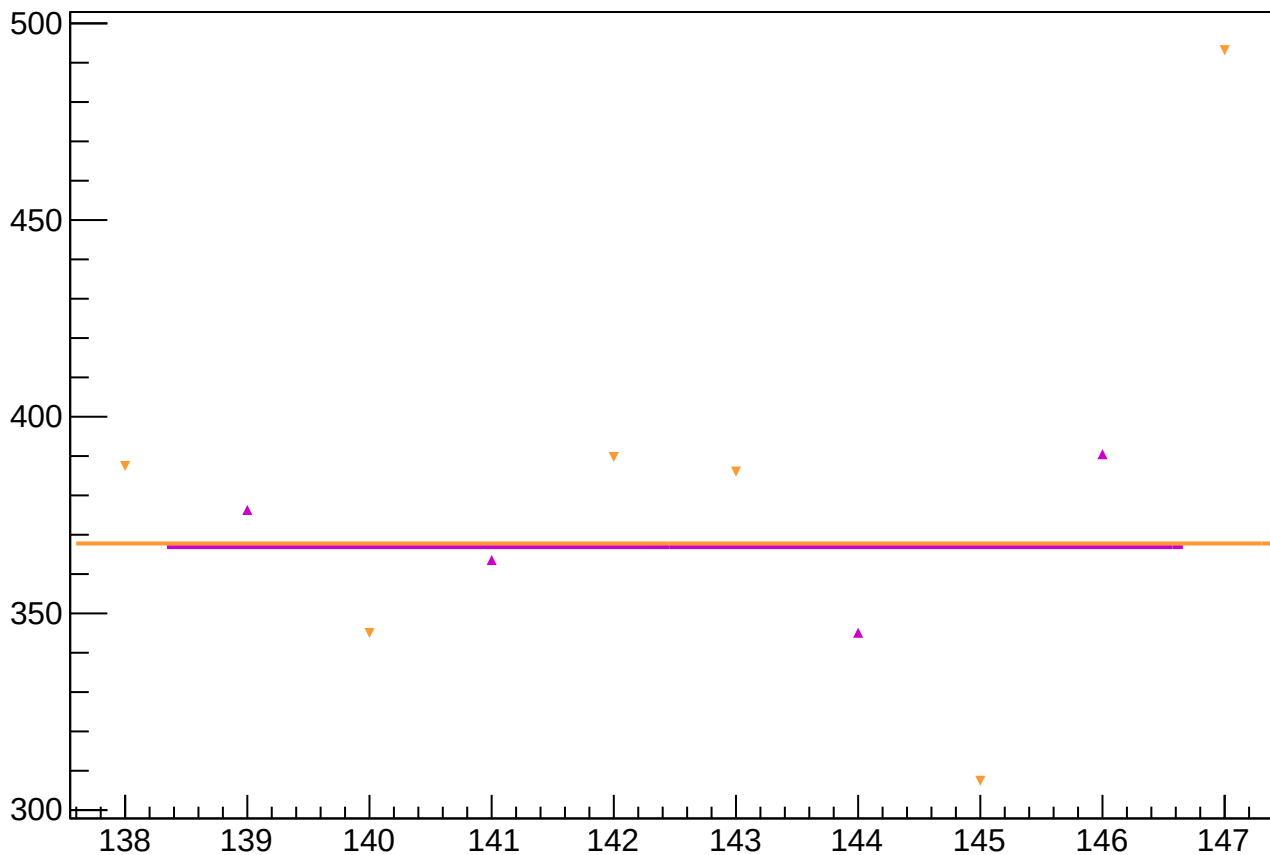
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -359.155+/-202.769 χ^2/NDF : 3.0/3

Out: -68.879+/-182.096 χ^2/NDF : 7.3/5

All: -198.470+/-135.482 χ^2/NDF : 11.4/9

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 367.777+/-0.129 χ^2/NDF :175997.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 366.862+/-0.143 χ^2/NDF :13685.4/3

Left: 367.368+/-0.096 χ^2/NDF : 189705.6/9

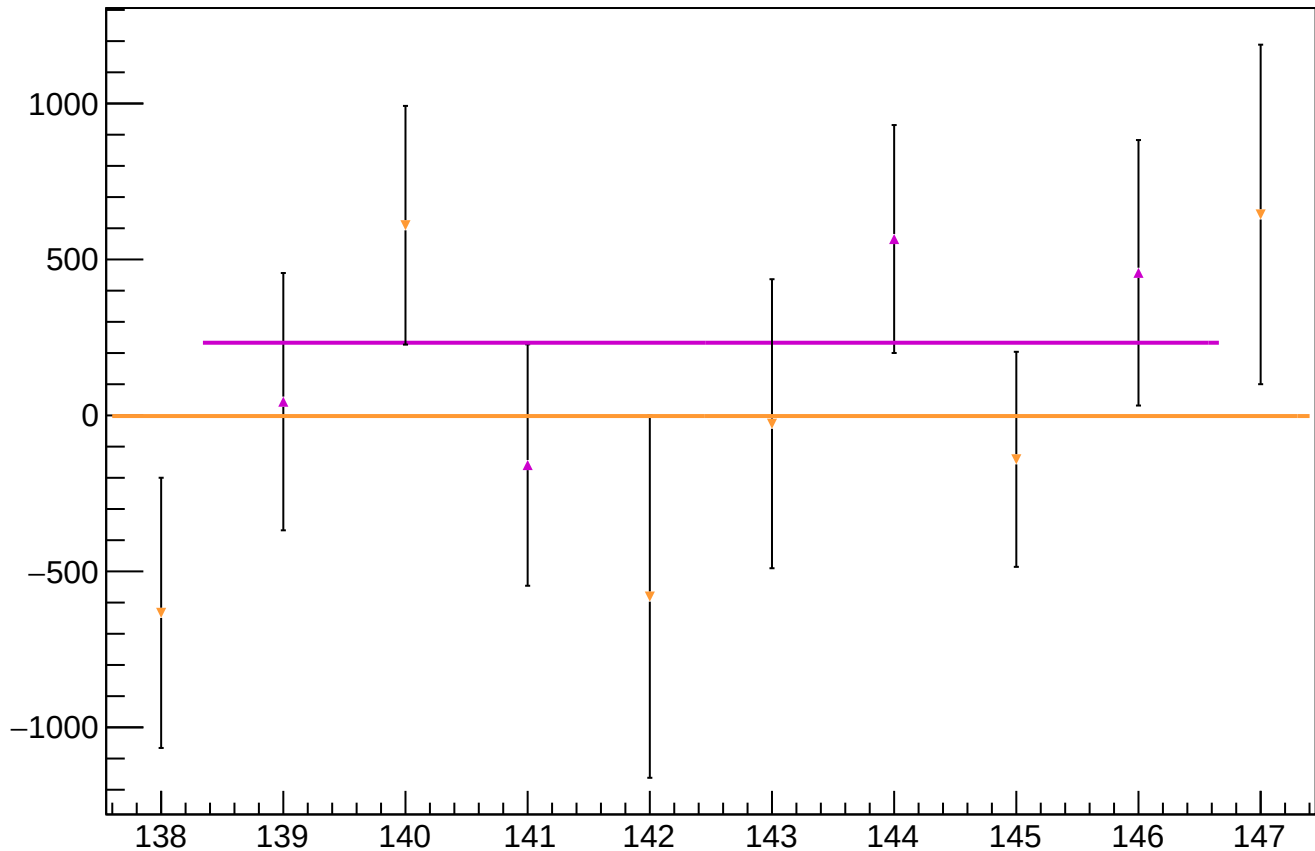
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 366.862+/-0.143 χ^2/NDF :13685.4/3

Out: 367.777+/-0.129 χ^2/NDF :175997.6/5

All: 367.368+/-0.096 χ^2/NDF : 189705.6/9

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.999+/-177.966 χ^2/NDF : 7.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.050+/-197.773 χ^2/NDF : 2.3/3

Left: 103.169+/-132.291 χ^2/NDF : 10.4/9

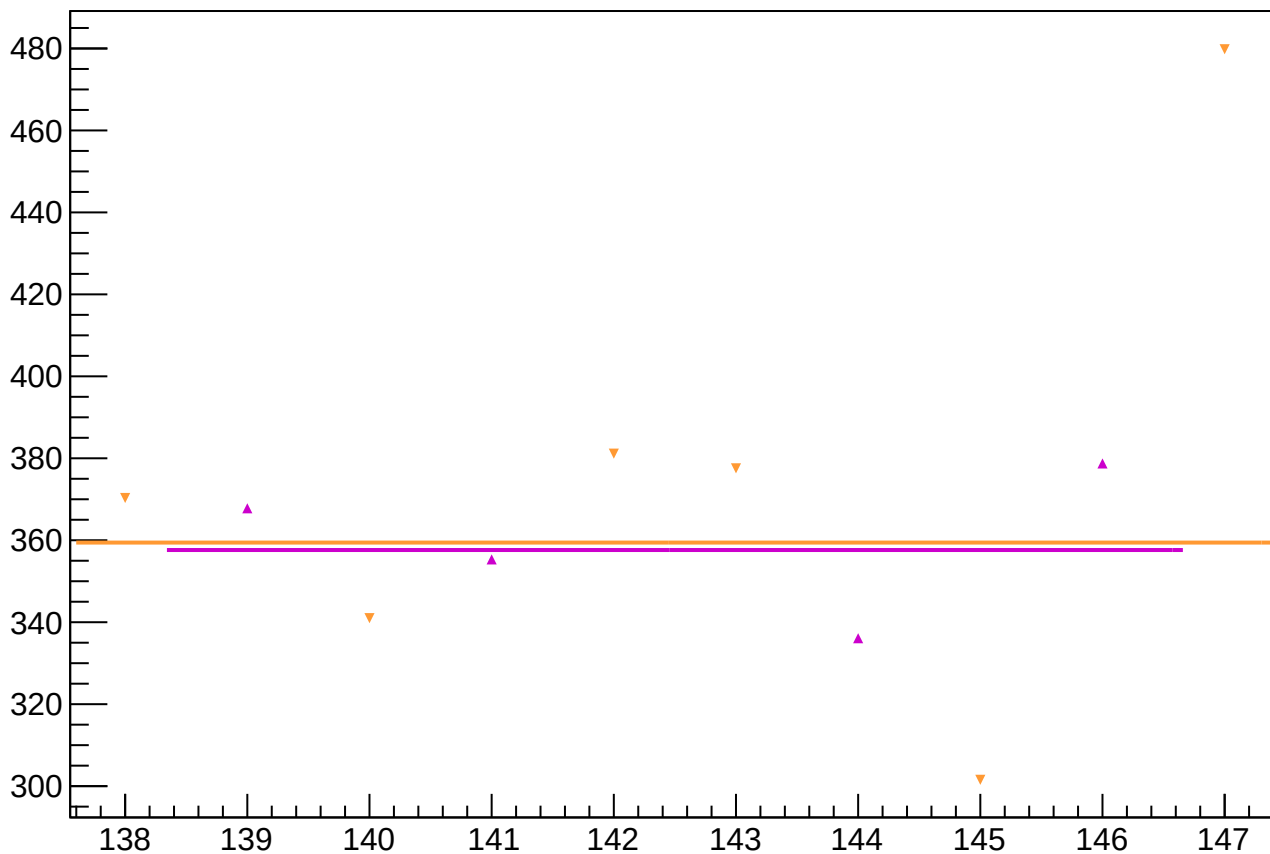
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.050+/-197.773 χ^2/NDF : 2.3/3

Out: -1.999+/-177.966 χ^2/NDF : 7.2/5

All: 103.169+/-132.291 χ^2/NDF : 10.4/9

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 359.435+/-0.126 χ^2/NDF :165999.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 357.617+/-0.140 χ^2/NDF :13154.8/3

Left: 358.621+/-0.094 χ^2/NDF : 179247.8/9

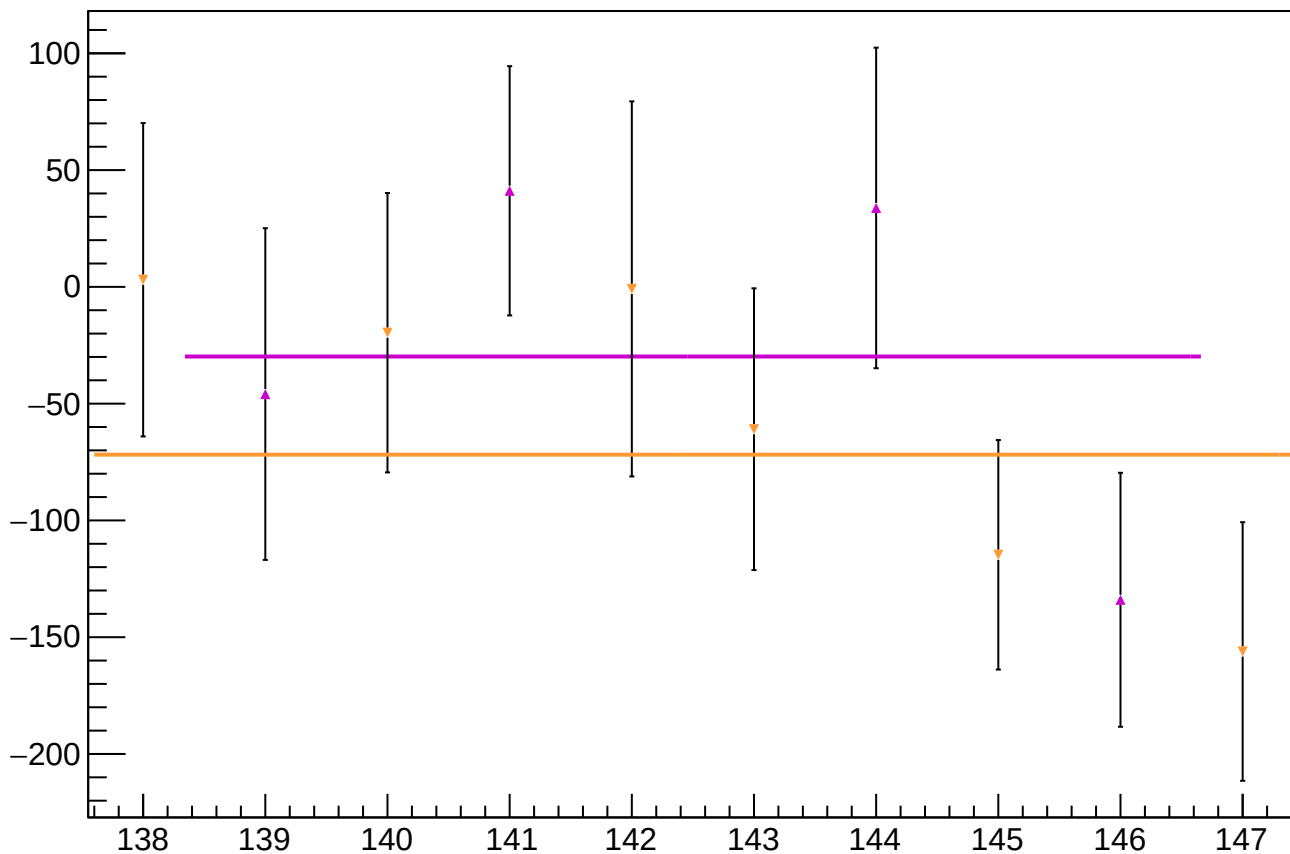
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 357.617+/-0.140 χ^2/NDF :13154.8/3

Out: 359.435+/-0.126 χ^2/NDF :165999.7/5

All: 358.621+/-0.094 χ^2/NDF : 179247.8/9

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -71.853 $\pm$ 24.456 χ^2 /NDF:5.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -29.811 $\pm$ 30.152 χ^2 /NDF:6.3/3

Left: -55.171 $\pm$ 18.994 χ^2 /NDF: 13.4/9

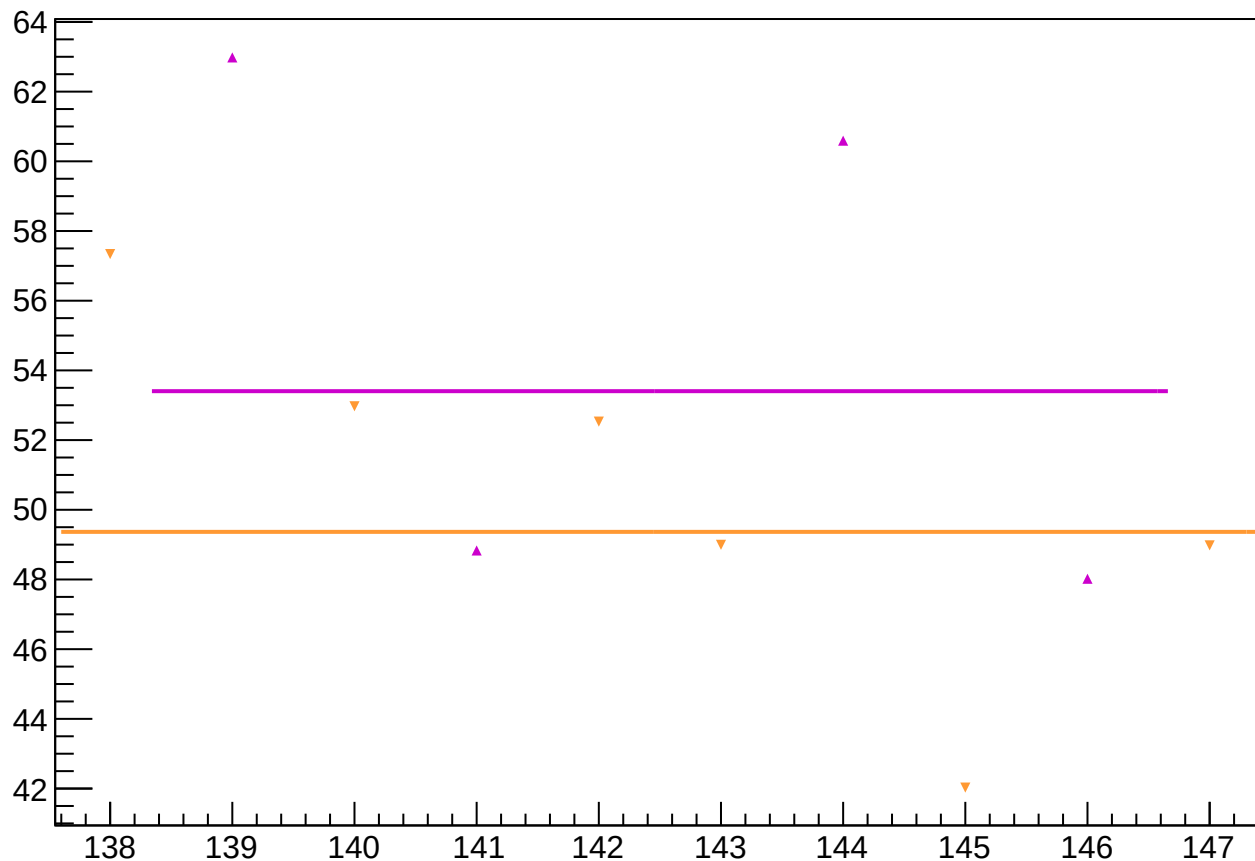
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.811 $\pm$ 30.152 χ^2 /NDF:6.3/3

Out: -71.853 $\pm$ 24.456 χ^2 /NDF:5.9/5

All: -55.171 $\pm$ 18.994 χ^2 /NDF: 13.4/9

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 49.367 $\pm$ 0.017 χ^2 /NDF:83393.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 53.404 $\pm$ 0.021 χ^2 /NDF:92600.2/3

Left: 50.969 $\pm$ 0.013 χ^2 /NDF: 197622.5/9

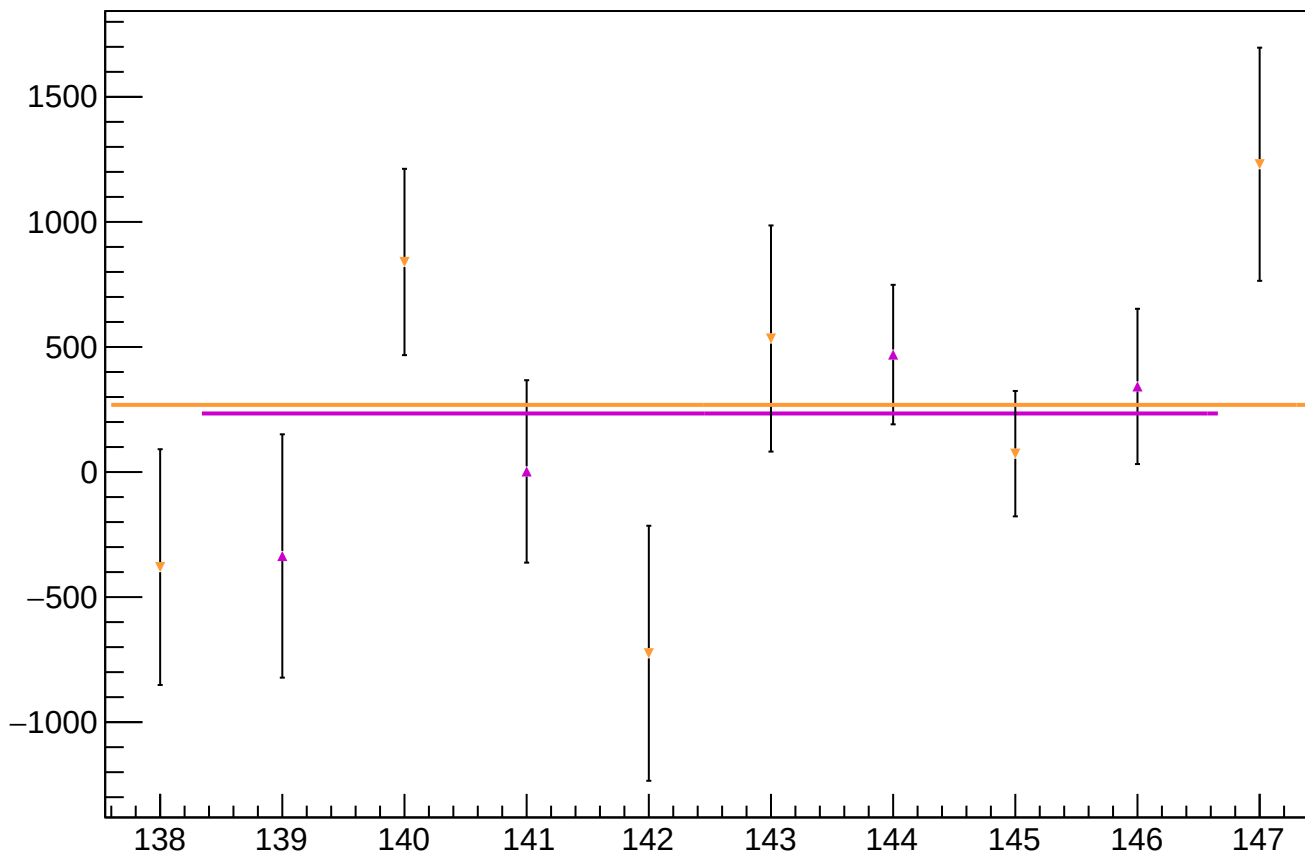
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 53.404 $\pm$ 0.021 χ^2 /NDF:92600.2/3

Out: 49.367 $\pm$ 0.017 χ^2 /NDF:83393.5/5

All: 50.969 $\pm$ 0.013 χ^2 /NDF: 197622.5/9

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 268.544+/-156.247 χ^2/NDF :13.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.167+/-169.085 χ^2/NDF :2.6/3

Left: 252.710+/-114.754 χ^2/NDF : 15.9/9

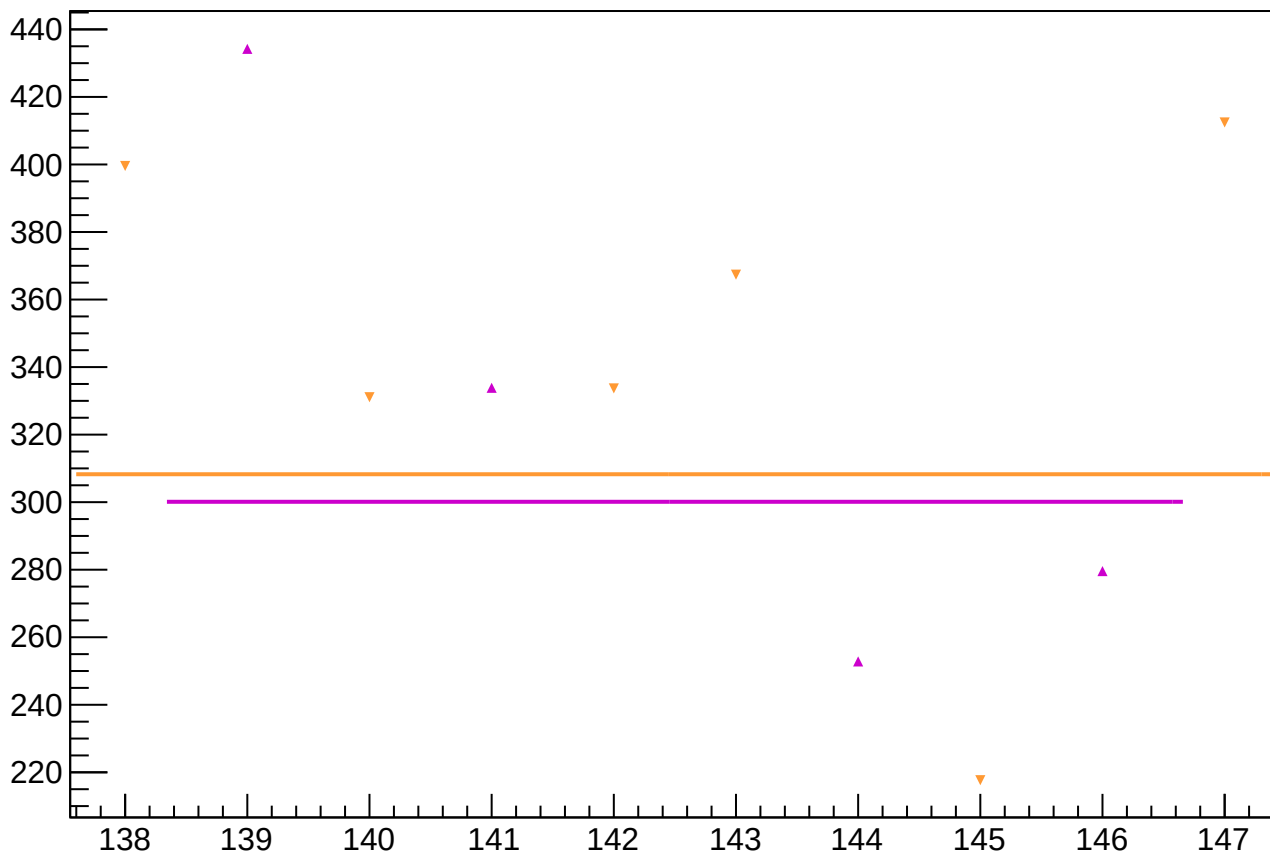
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.167+/-169.085 χ^2/NDF :2.6/3

Out: 268.544+/-156.247 χ^2/NDF :13.3/5

All: 252.710+/-114.754 χ^2/NDF : 15.9/9

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 308.270+/-0.110 χ^2/NDF : 482799.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 300.111+/-0.120 χ^2/NDF : 235369.8/3

Left: 304.512+/-0.081 χ^2/NDF : 720680.8/9

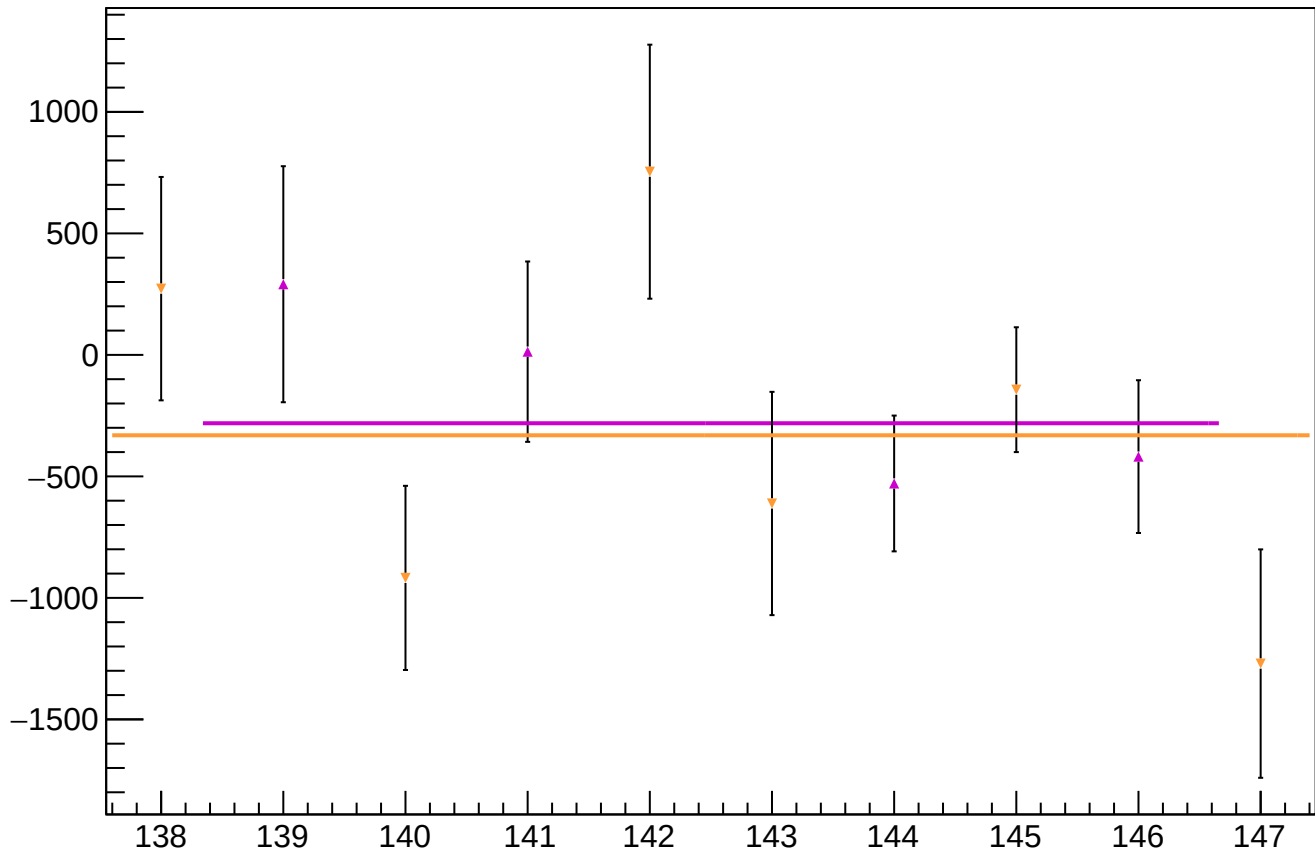
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 300.111+/-0.120 χ^2/NDF : 235369.8/3

Out: 308.270+/-0.110 χ^2/NDF : 482799.2/5

All: 304.512+/-0.081 χ^2/NDF : 720680.8/9

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -330.829+/-158.558 χ^2/NDF :13.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.277+/-170.430 χ^2/NDF :3.0/3

Left: -307.839+/-116.088 χ^2/NDF : 16.4/9

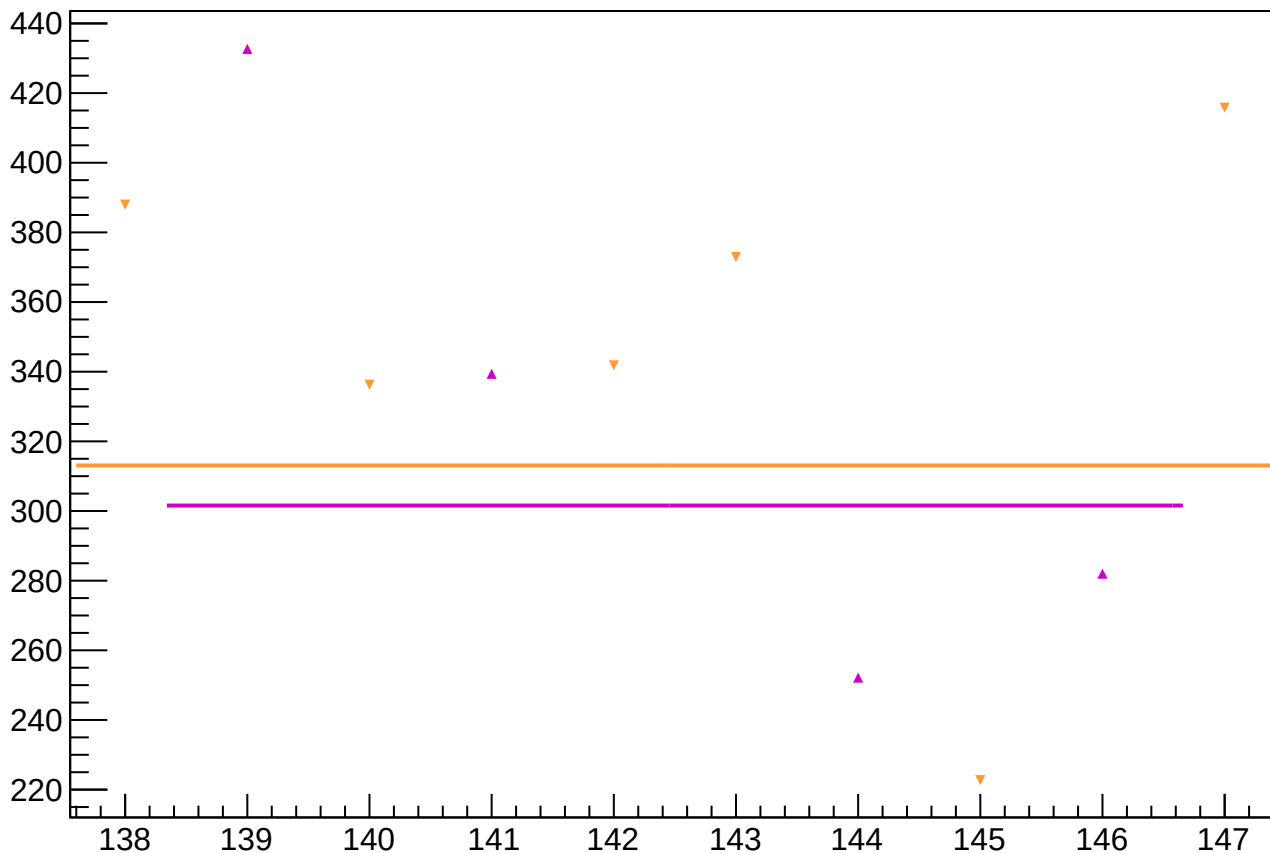
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.277+/-170.430 χ^2/NDF :3.0/3

Out: -330.829+/-158.558 χ^2/NDF :13.3/5

All: -307.839+/-116.088 χ^2/NDF : 16.4/9

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 313.080+/-0.112 χ^2/NDF :443613.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 301.563+/-0.121 χ^2/NDF :236845.3/3

Left: 307.737+/-0.082 χ^2/NDF : 685354.0/9

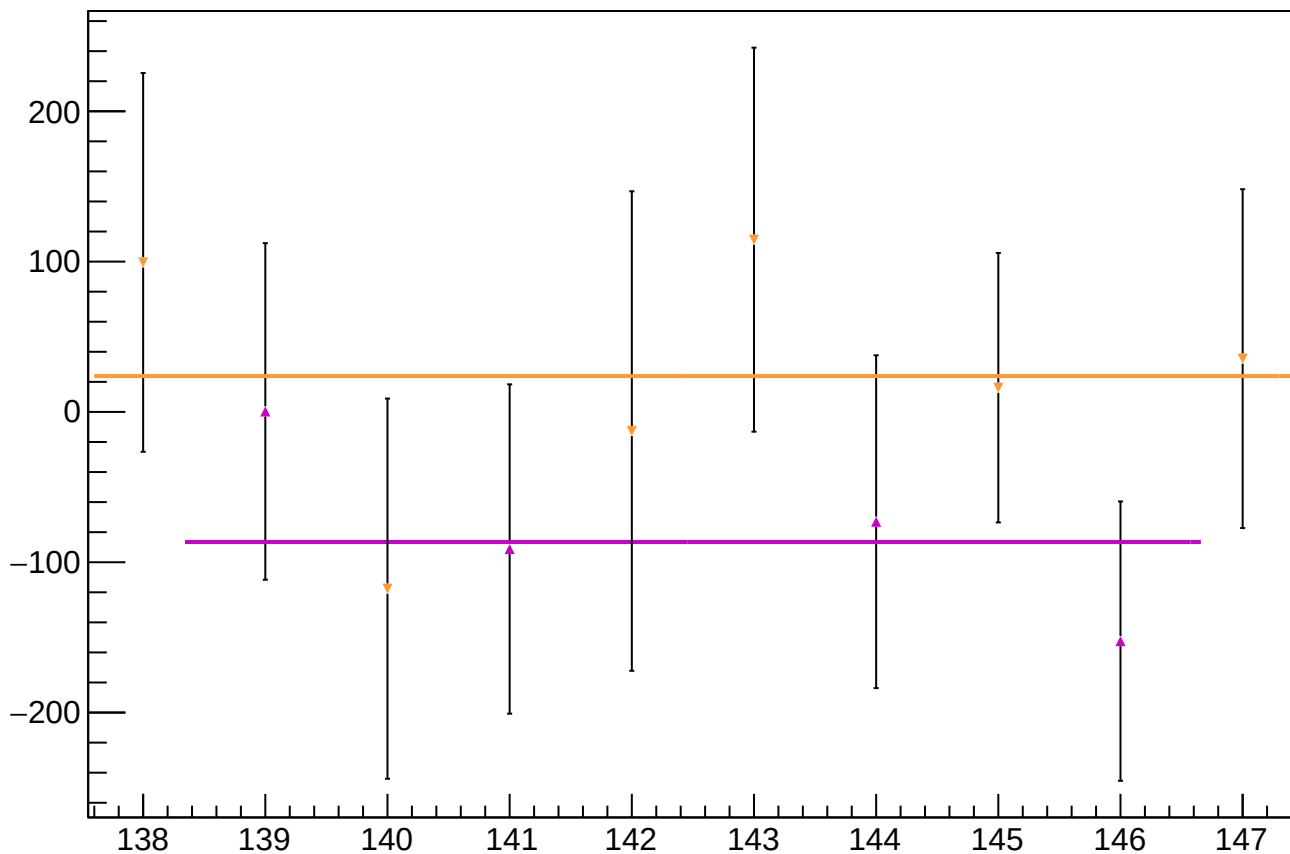
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 301.563+/-0.121 χ^2/NDF :236845.3/3

Out: 313.080+/-0.112 χ^2/NDF :443613.1/5

All: 307.737+/-0.082 χ^2/NDF : 685354.0/9

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.842+/-48.264 χ^2/NDF :2.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.523+/-52.665 χ^2/NDF :1.1/3

Left: -26.536+/-35.582 χ^2/NDF : 5.7/9

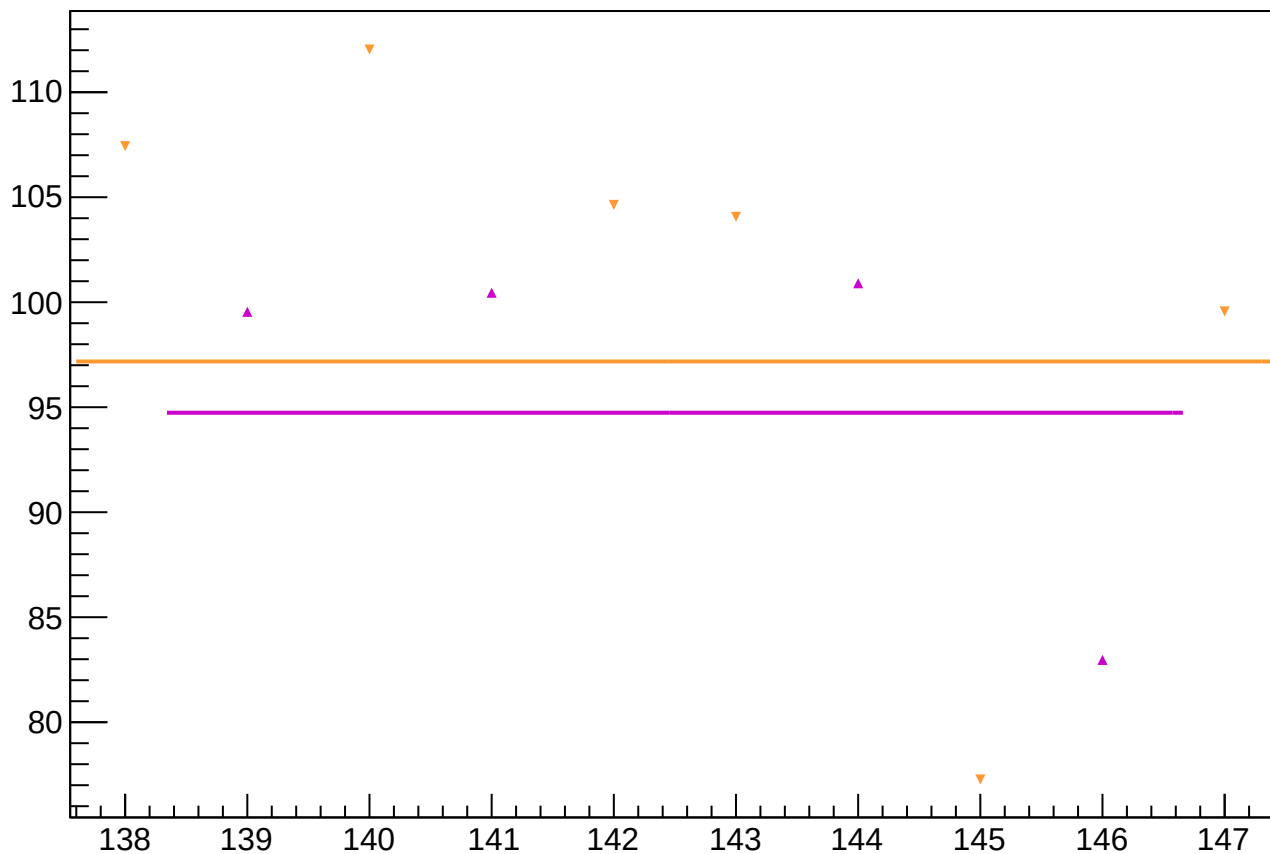
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.523+/-52.665 χ^2/NDF :1.1/3

Out: 23.842+/-48.264 χ^2/NDF :2.2/5

All: -26.536+/-35.582 χ^2/NDF : 5.7/9

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 97.178+/-0.034 χ^2/NDF :150543.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 94.737+/-0.037 χ^2/NDF :47418.8/3

Left: 96.064+/-0.025 χ^2/NDF : 200296.7/9

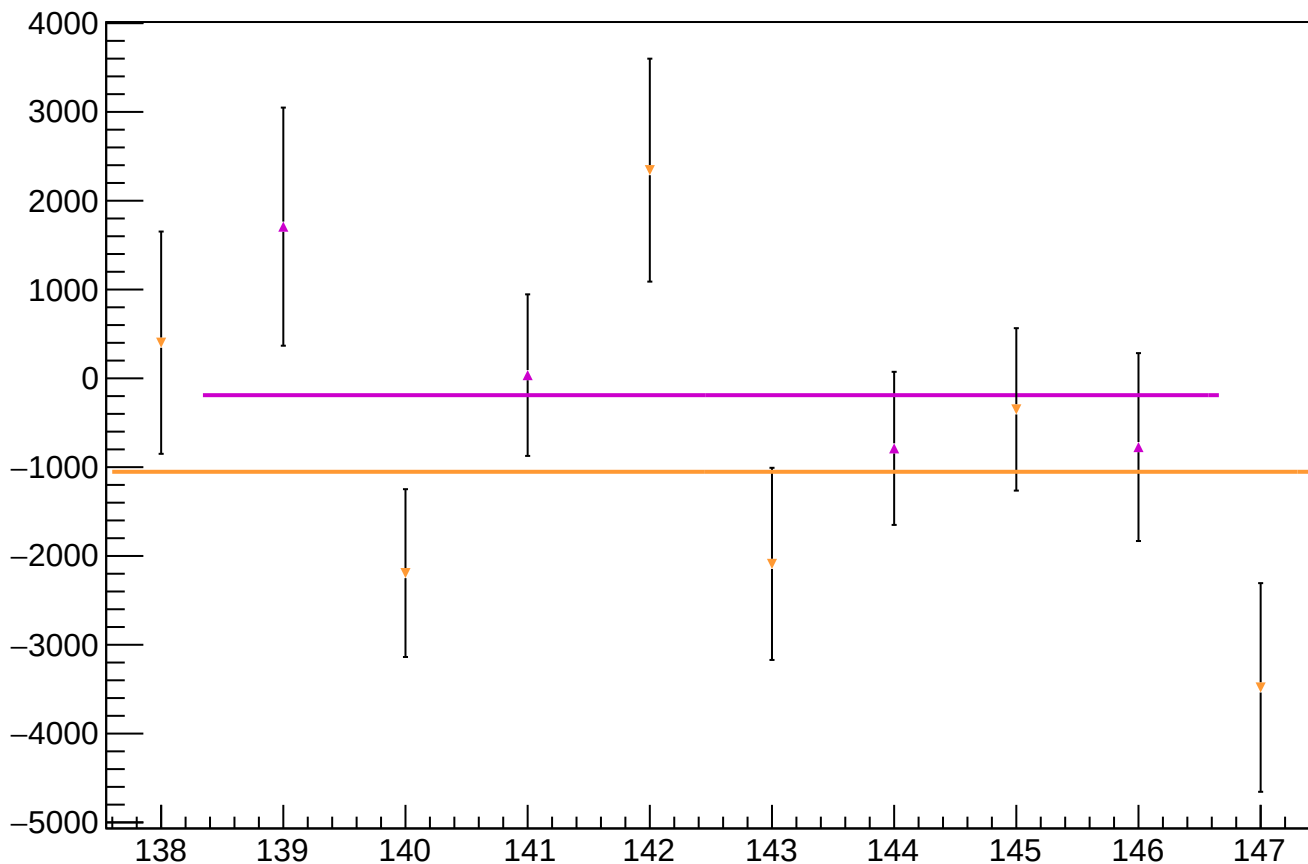
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 94.737+/-0.037 χ^2/NDF :47418.8/3

Out: 97.178+/-0.034 χ^2/NDF :150543.5/5

All: 96.064+/-0.025 χ^2/NDF : 200296.7/9

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1052.094+/-439.869 χ^2/NDF :15.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -189.465+/-499.714 χ^2/NDF :2.9/3

Left: -675.501+/-330.176 χ^2/NDF : 20.4/9

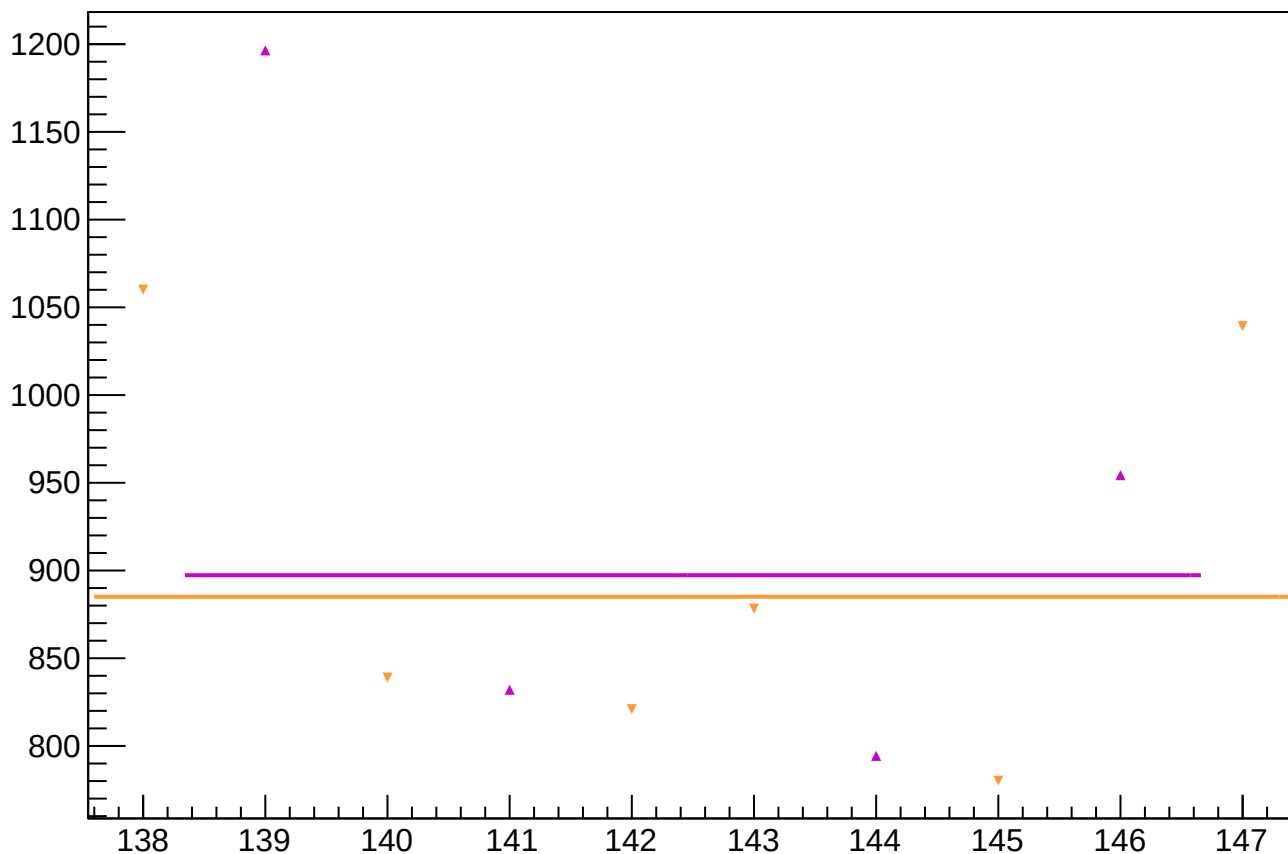
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -189.465+/-499.714 χ^2/NDF :2.9/3

Out: -1052.094+/-439.869 χ^2/NDF :15.9/5

All: -675.501+/-330.176 χ^2/NDF : 20.4/9

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 885.061+/-0.311 χ^2/NDF :109922.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 897.314+/-0.353 χ^2/NDF :144247.0/3

Left: 890.411+/-0.233 χ^2/NDF : 254846.6/9

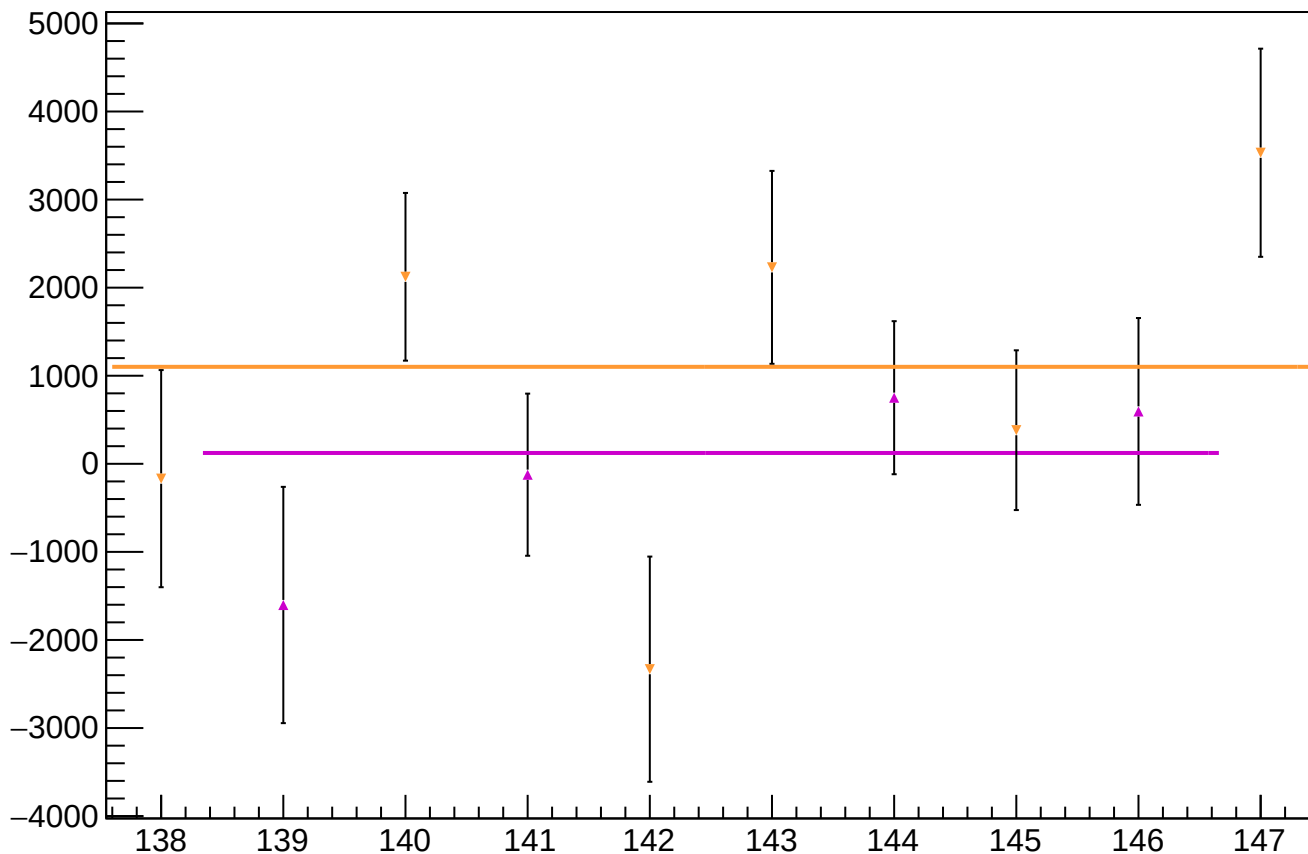
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 897.314+/-0.353 χ^2/NDF :144247.0/3

Out: 885.061+/-0.311 χ^2/NDF :109922.2/5

All: 890.411+/-0.233 χ^2/NDF : 254846.6/9

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1101.102+/-441.130 χ^2/NDF :15.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 123.059+/-503.163 χ^2/NDF :2.4/3

Left: 676.054+/-331.702 χ^2/NDF : 19.9/9

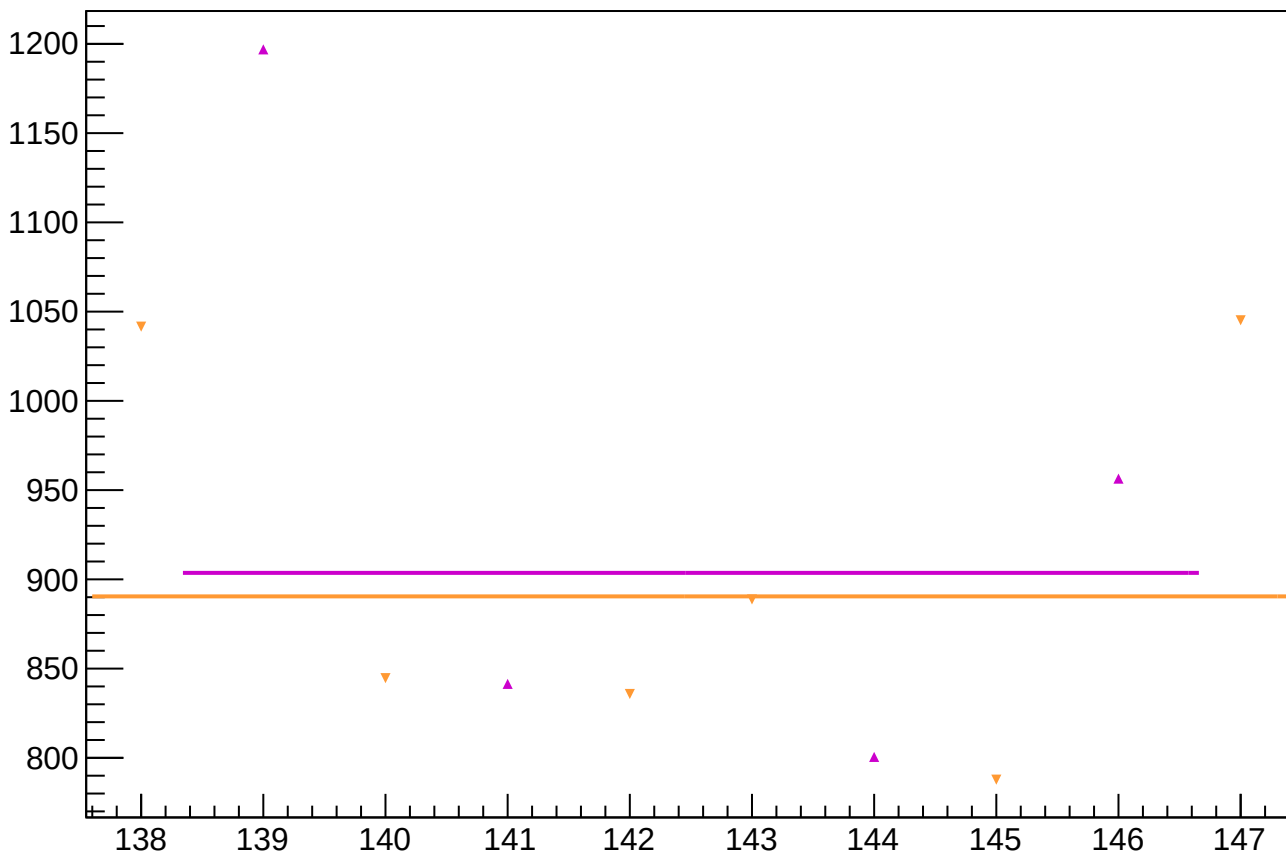
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.059+/-503.163 χ^2/NDF :2.4/3

Out: 1101.102+/-441.130 χ^2/NDF :15.3/5

All: 676.054+/-331.702 χ^2/NDF : 19.9/9

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 890.455+/-0.312 χ^2/NDF :98265.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 903.631+/-0.356 χ^2/NDF :137874.8/3

Left: 896.181+/-0.235 χ^2/NDF : 236915.2/9

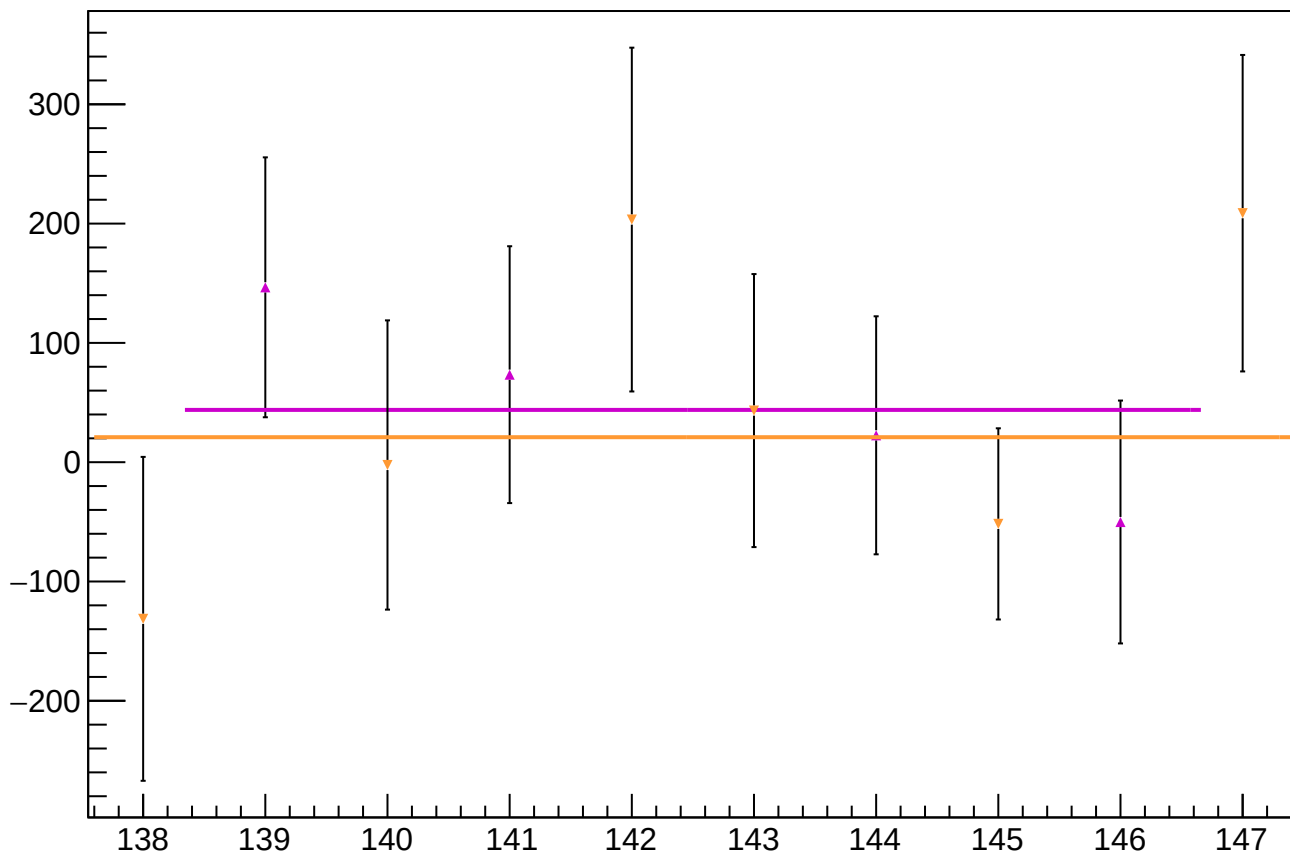
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 903.631+/-0.356 χ^2/NDF :137874.8/3

Out: 890.455+/-0.312 χ^2/NDF :98265.0/5

All: 896.181+/-0.235 χ^2/NDF : 236915.2/9

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.947+/-46.655 χ^2/NDF :5.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.836+/-52.161 χ^2/NDF :1.9/3

Left: 31.120+/-34.774 χ^2/NDF : 7.7/9

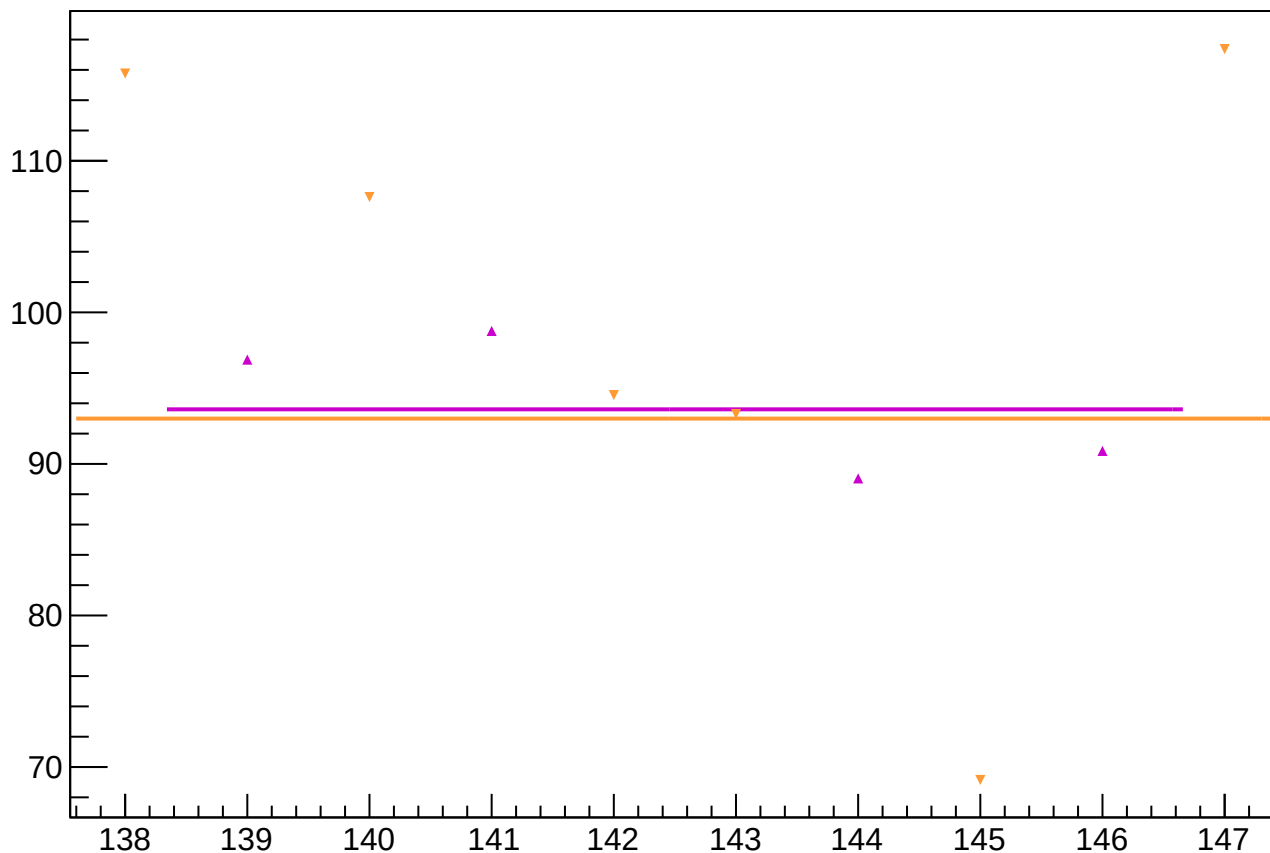
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.836+/-52.161 χ^2/NDF :1.9/3

Out: 20.947+/-46.655 χ^2/NDF :5.8/5

All: 31.120+/-34.774 χ^2/NDF : 7.7/9

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 92.992+/-0.033 χ^2/NDF :330233.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 93.602+/-0.037 χ^2/NDF :12054.9/3

Left: 93.263+/-0.025 χ^2/NDF : 342440.3/9

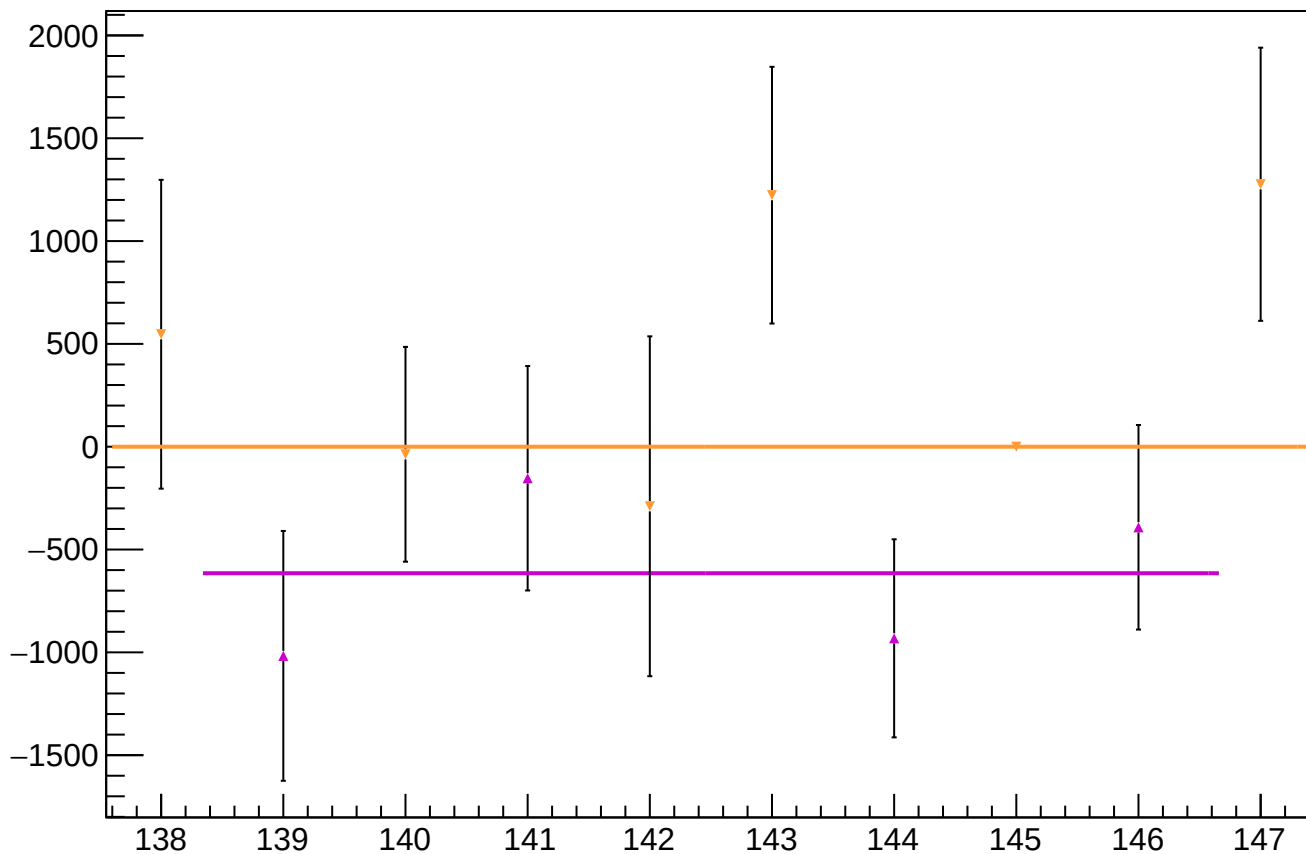
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.602+/-0.037 χ^2/NDF :12054.9/3

Out: 92.992+/-0.033 χ^2/NDF :330233.5/5

All: 93.263+/-0.025 χ^2/NDF : 342440.3/9

asym_sam_26_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 : 8.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -615.248+/-263.337 χ^2/NDF : 1.8/3

Left: -0.000+/-0.000 χ^2/NDF : 15.4/9

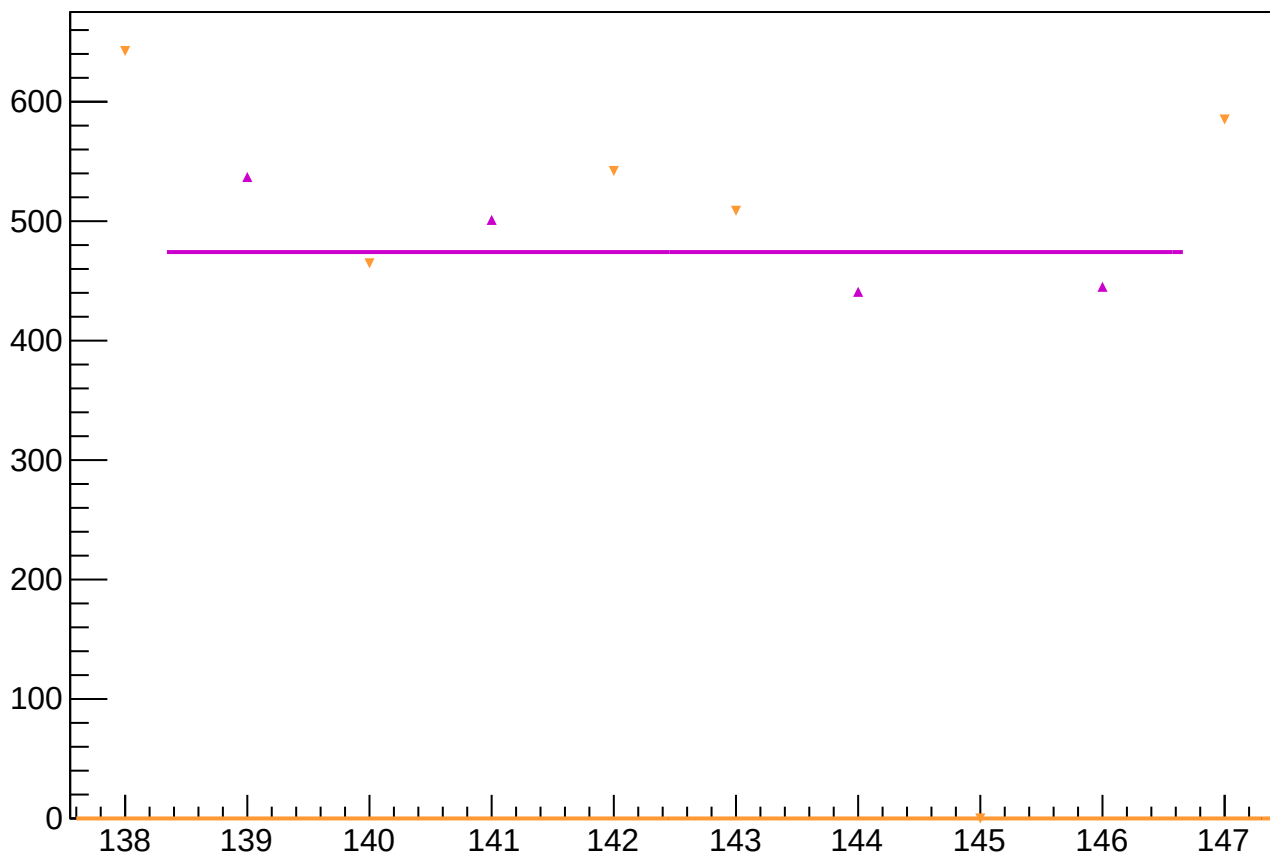
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -615.248+/-263.337 χ^2/NDF : 1.8/3

Out: -0.000+/-0.000 χ^2/NDF : 8.2/5

All: -0.000+/-0.000 χ^2/NDF : 15.4/9

asym_sam_26_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 : 6788495.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 474.148+/-0.186 χ^2/NDF : 42653.3/3

Left: 0.000+/-0.000 χ^2/NDF : 13314998.0/9

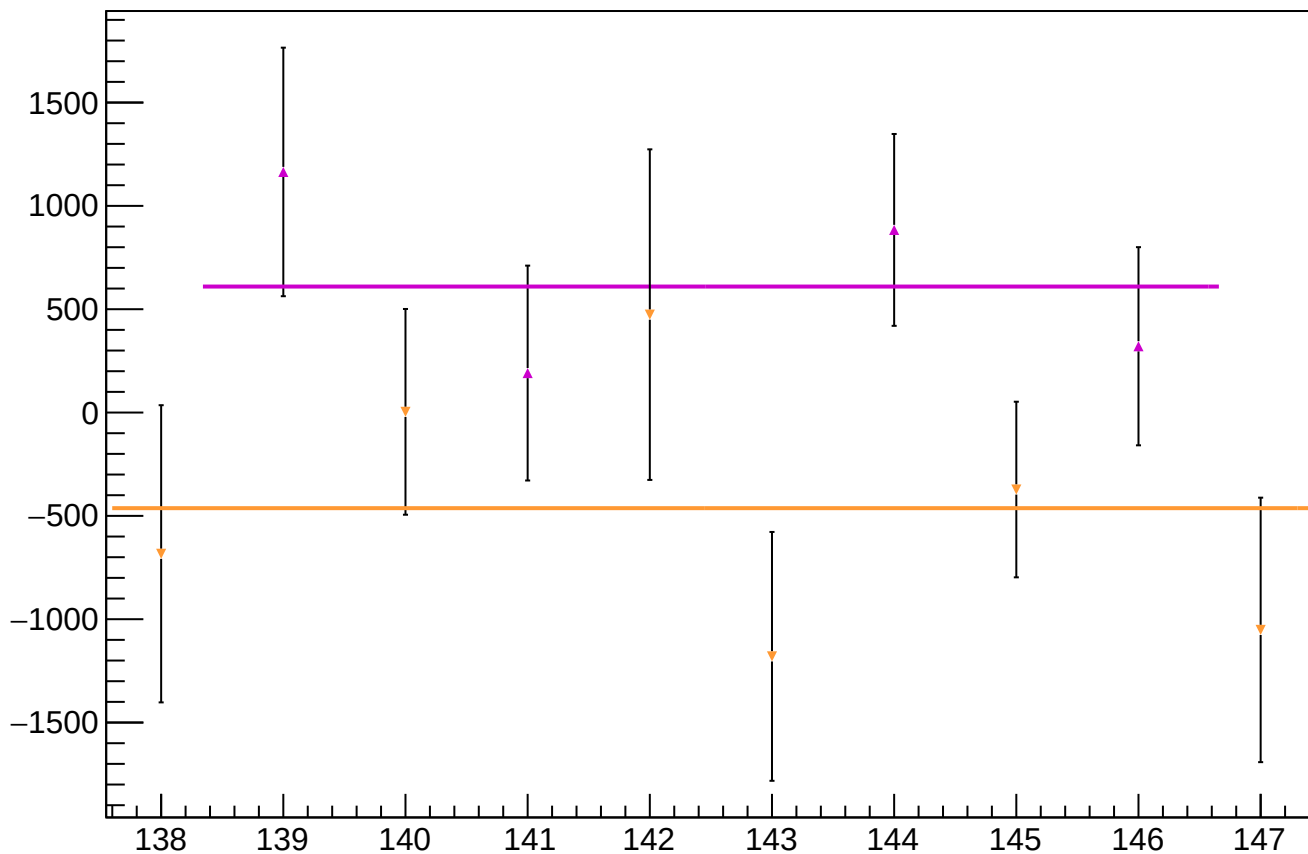
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.148+/-0.186 χ^2/NDF : 42653.3/3

Out: 0.000+/-0.000 χ^2/NDF : 6788495.2/5

All: 0.000+/-0.000 χ^2/NDF : 13314998.0/9

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -462.694 ± 233.929 $\chi^2/\text{NDF}: 4.7/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 609.678 ± 254.345 $\chi^2/\text{NDF}: 2.2/3$

Left: 28.731 ± 172.179 $\chi^2/\text{NDF}: 16.5/9$

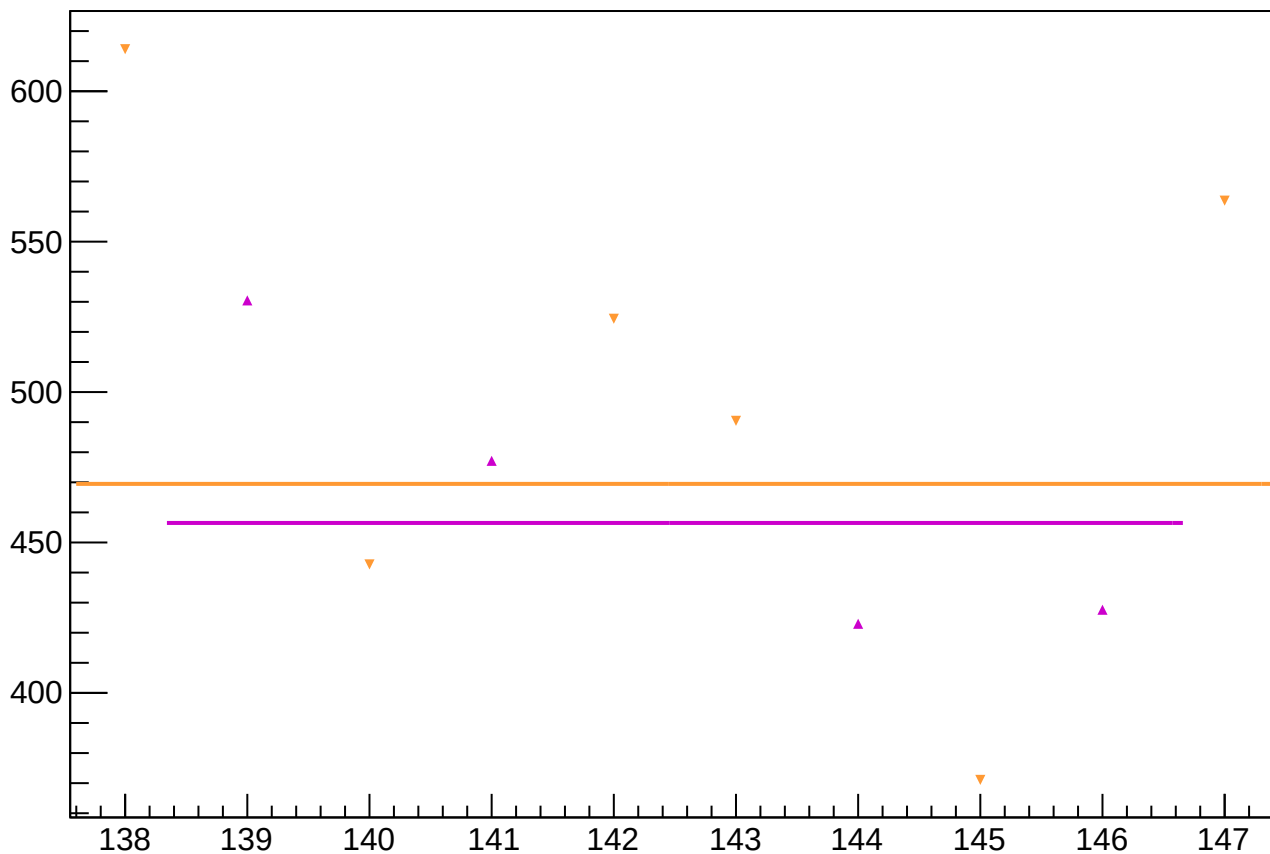
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 609.678 ± 254.345 $\chi^2/\text{NDF}: 2.2/3$

Out: -462.694 ± 233.929 $\chi^2/\text{NDF}: 4.7/5$

All: 28.731 ± 172.179 $\chi^2/\text{NDF}: 16.5/9$

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 469.478+/-0.165 χ^2/NDF :248964.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 456.493+/-0.180 χ^2/NDF :51098.5/3

Left: 463.528+/-0.122 χ^2/NDF : 302887.0/9

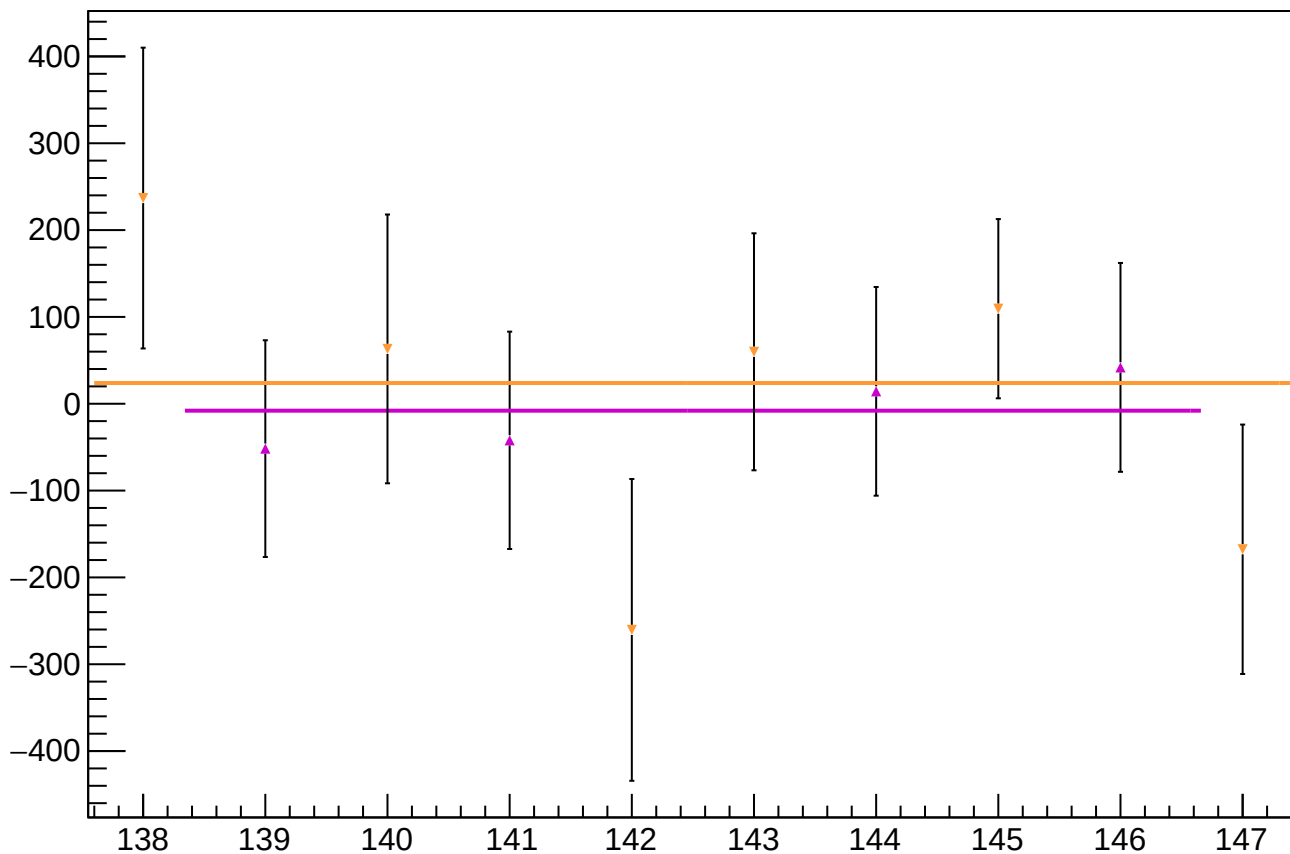
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 456.493+/-0.180 χ^2/NDF :51098.5/3

Out: 469.478+/-0.165 χ^2/NDF :248964.7/5

All: 463.528+/-0.122 χ^2/NDF : 302887.0/9

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.908+/-57.332 χ^2/NDF :6.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.963+/-61.268 χ^2/NDF :0.4/3

Left: 9.029+/-41.862 χ^2/NDF : 7.3/9

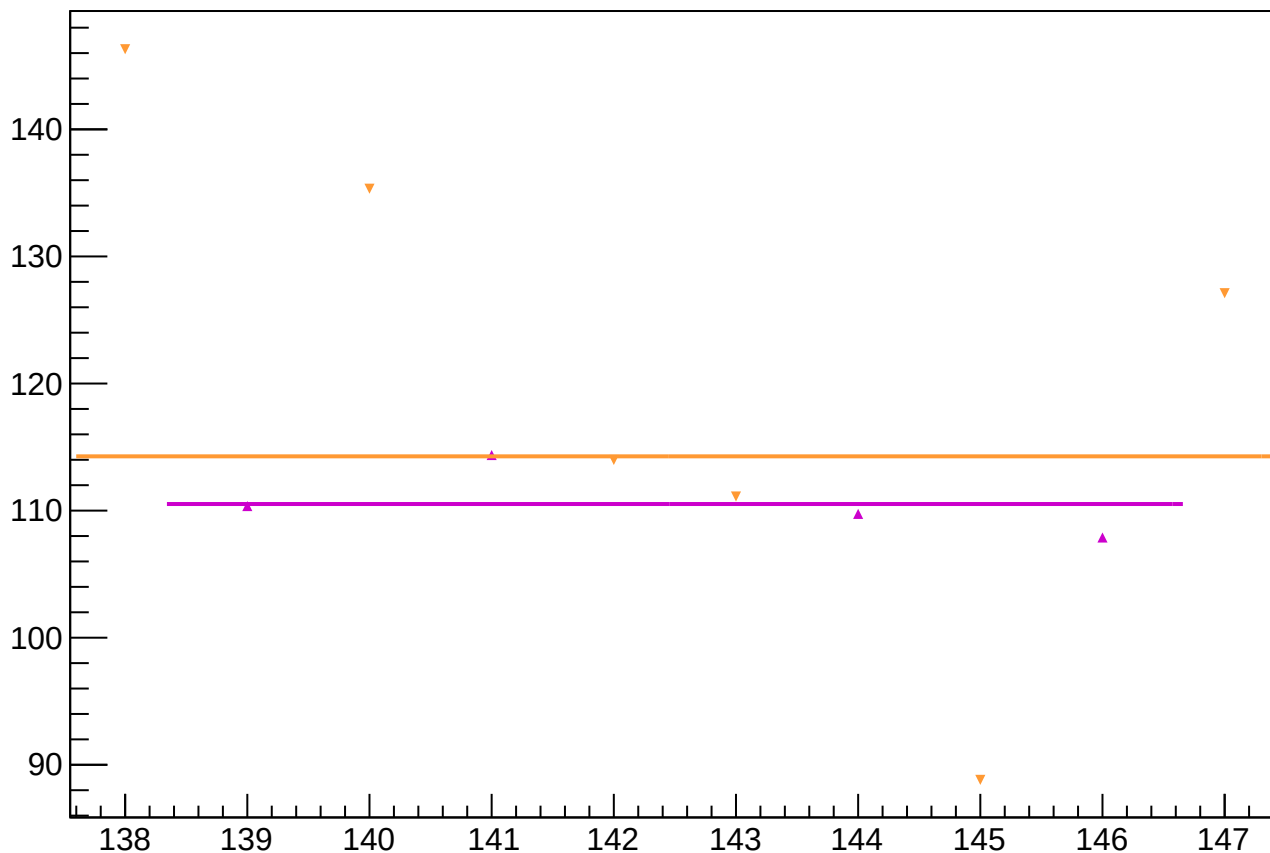
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.963+/-61.268 χ^2/NDF :0.4/3

Out: 23.908+/-57.332 χ^2/NDF :6.8/5

All: 9.029+/-41.862 χ^2/NDF : 7.3/9

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 114.271+/-0.041 χ^2/NDF :244164.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 110.519+/-0.043 χ^2/NDF :2943.1/3

Left: 112.519+/-0.030 χ^2/NDF : 251105.9/9

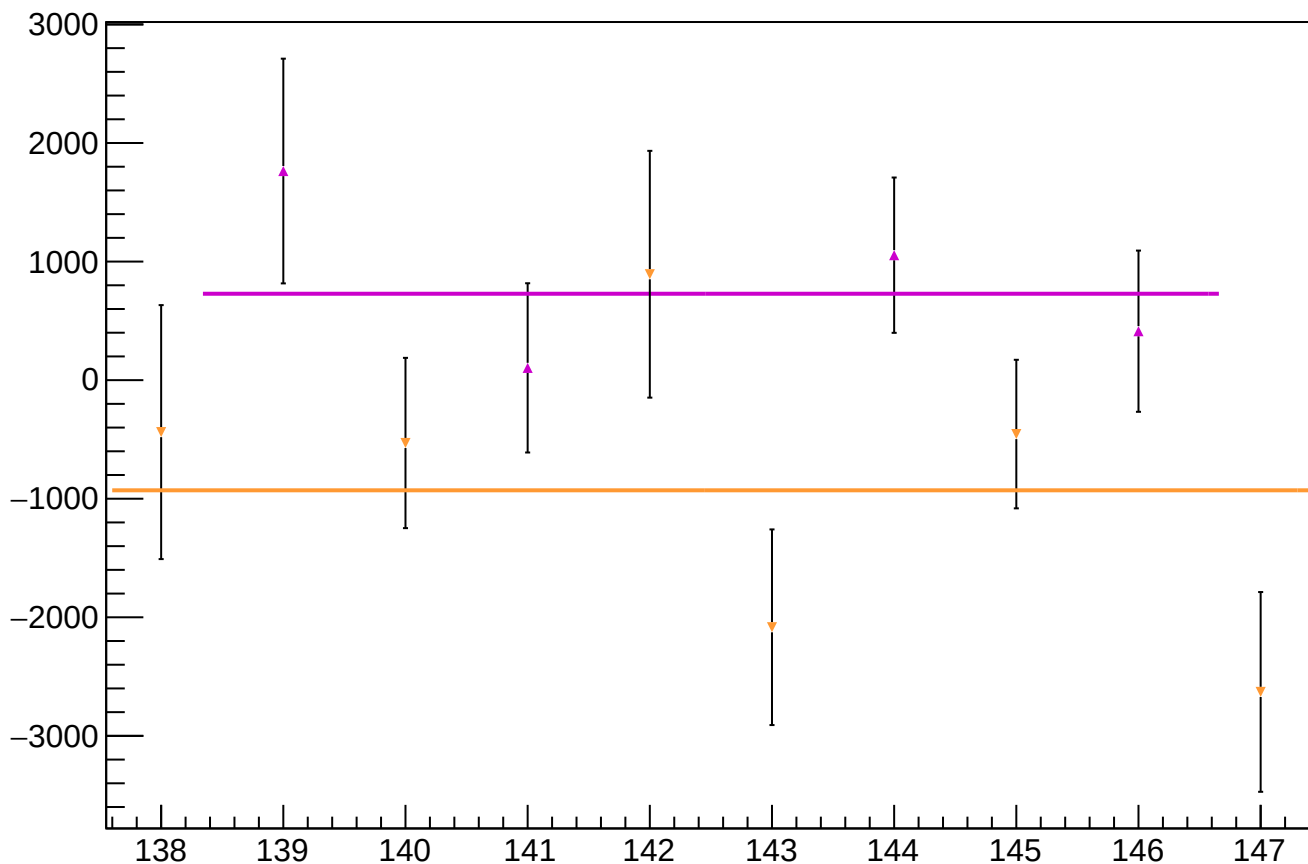
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.519+/-0.043 χ^2/NDF :2943.1/3

Out: 114.271+/-0.041 χ^2/NDF :244164.9/5

All: 112.519+/-0.030 χ^2/NDF : 251105.9/9

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -929.077+/-330.383 χ^2/NDF :10.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 728.671+/-363.423 χ^2/NDF :2.4/3

Left: -178.968+/-244.464 χ^2/NDF : 24.0/9

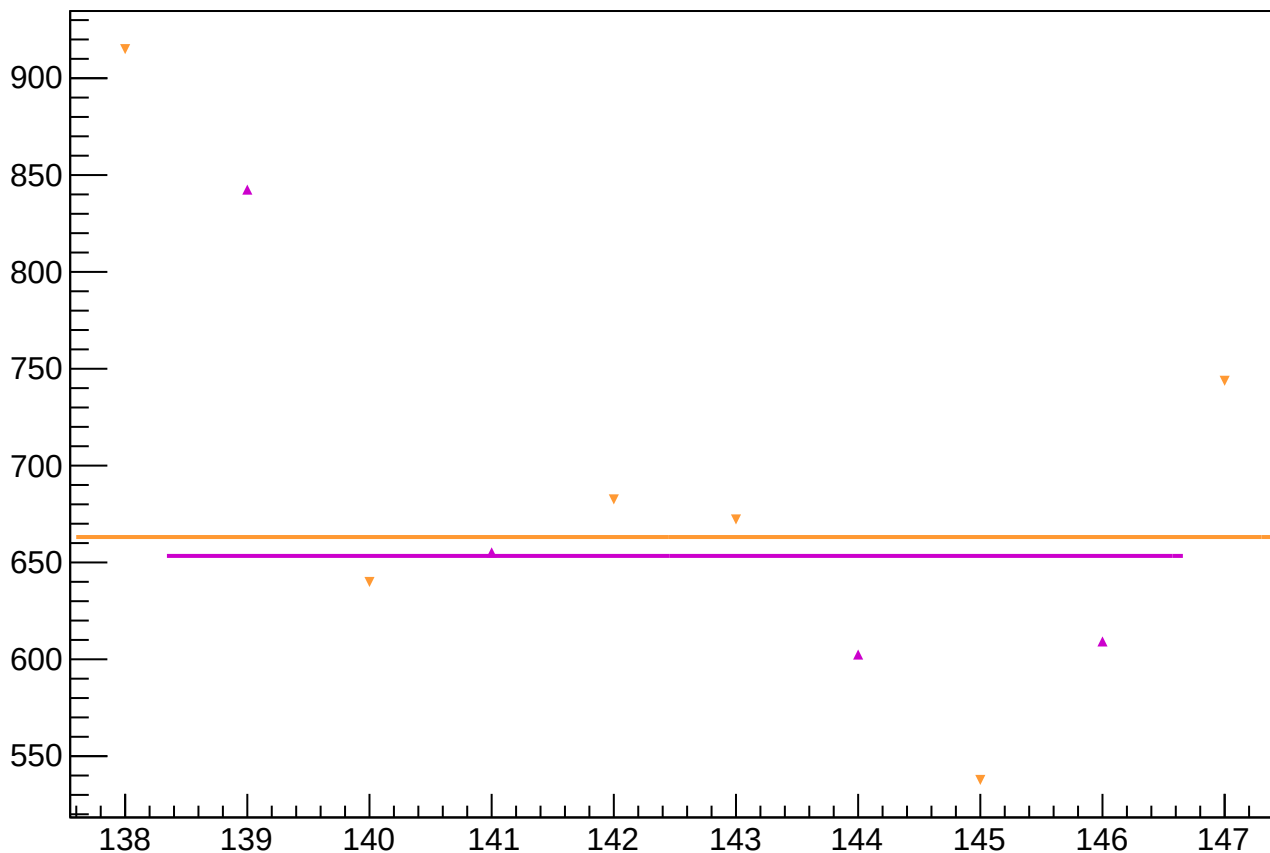
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 728.671+/-363.423 χ^2/NDF :2.4/3

Out: -929.077+/-330.383 χ^2/NDF :10.2/5

All: -178.968+/-244.464 χ^2/NDF : 24.0/9

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 663.125+/-0.234 χ^2/NDF :212130.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 653.379+/-0.257 χ^2/NDF :100188.0/3

Left: 658.715+/-0.173 χ^2/NDF : 313106.2/9

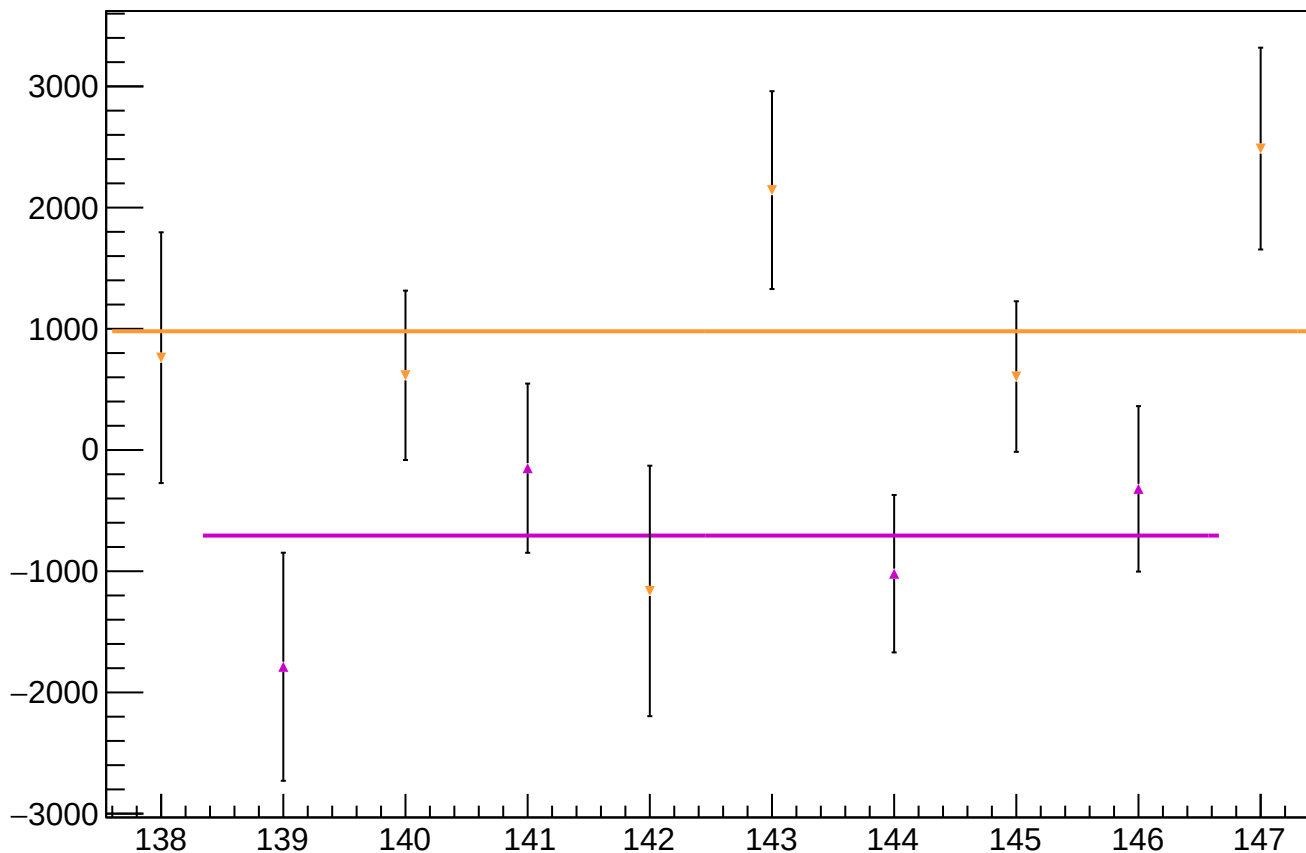
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 653.379+/-0.257 χ^2/NDF :100188.0/3

Out: 663.125+/-0.234 χ^2/NDF :212130.6/5

All: 658.715+/-0.173 χ^2/NDF : 313106.2/9

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 979.741+/-325.198 χ^2/NDF :10.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -705.881+/-360.399 χ^2/NDF :2.5/3

Left: 223.248+/-241.438 χ^2/NDF : 24.9/9

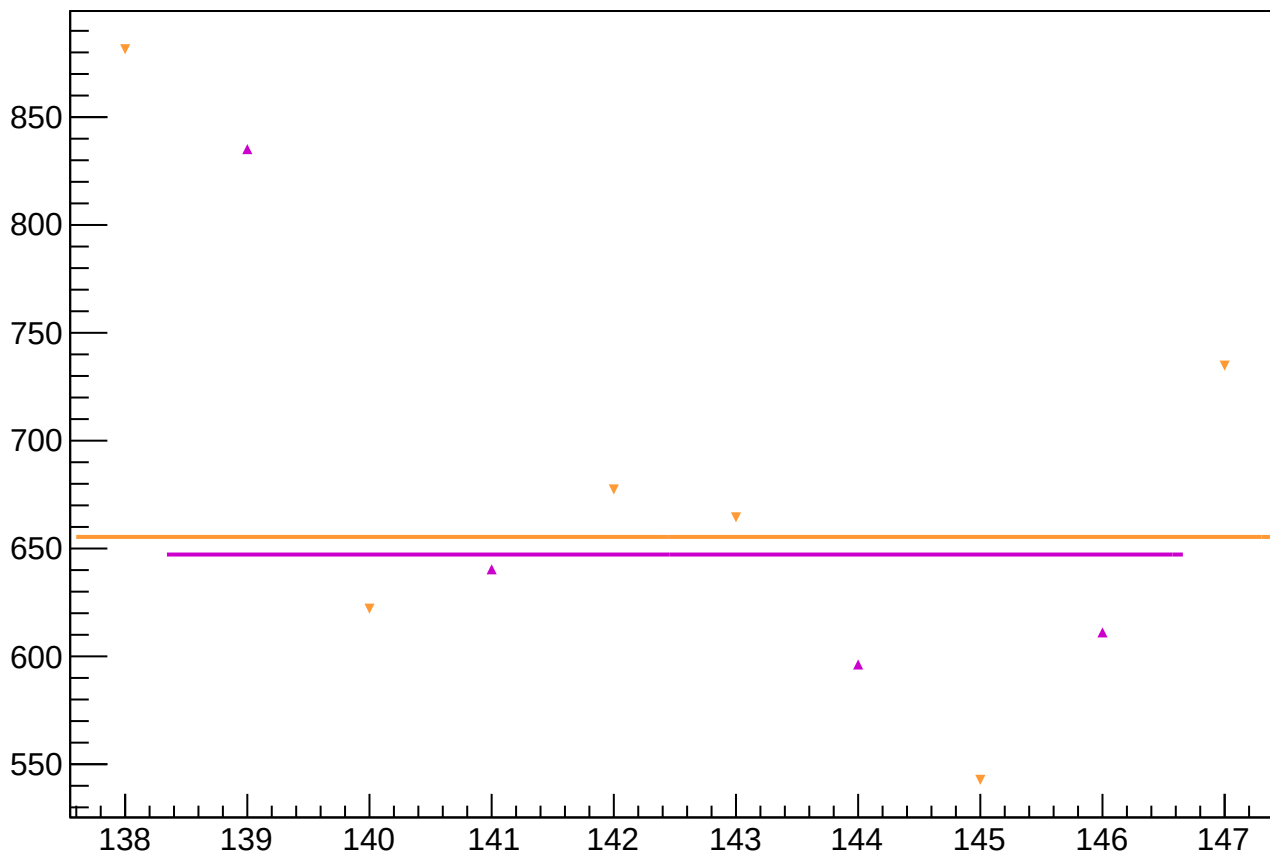
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -705.881+/-360.399 χ^2/NDF :2.5/3

Out: 979.741+/-325.198 χ^2/NDF :10.3/5

All: 223.248+/-241.438 χ^2/NDF : 24.9/9

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 655.374+/-0.230 χ^2/NDF :185160.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Left: 651.711+/-0.171 χ^2/NDF : 283643.4/9

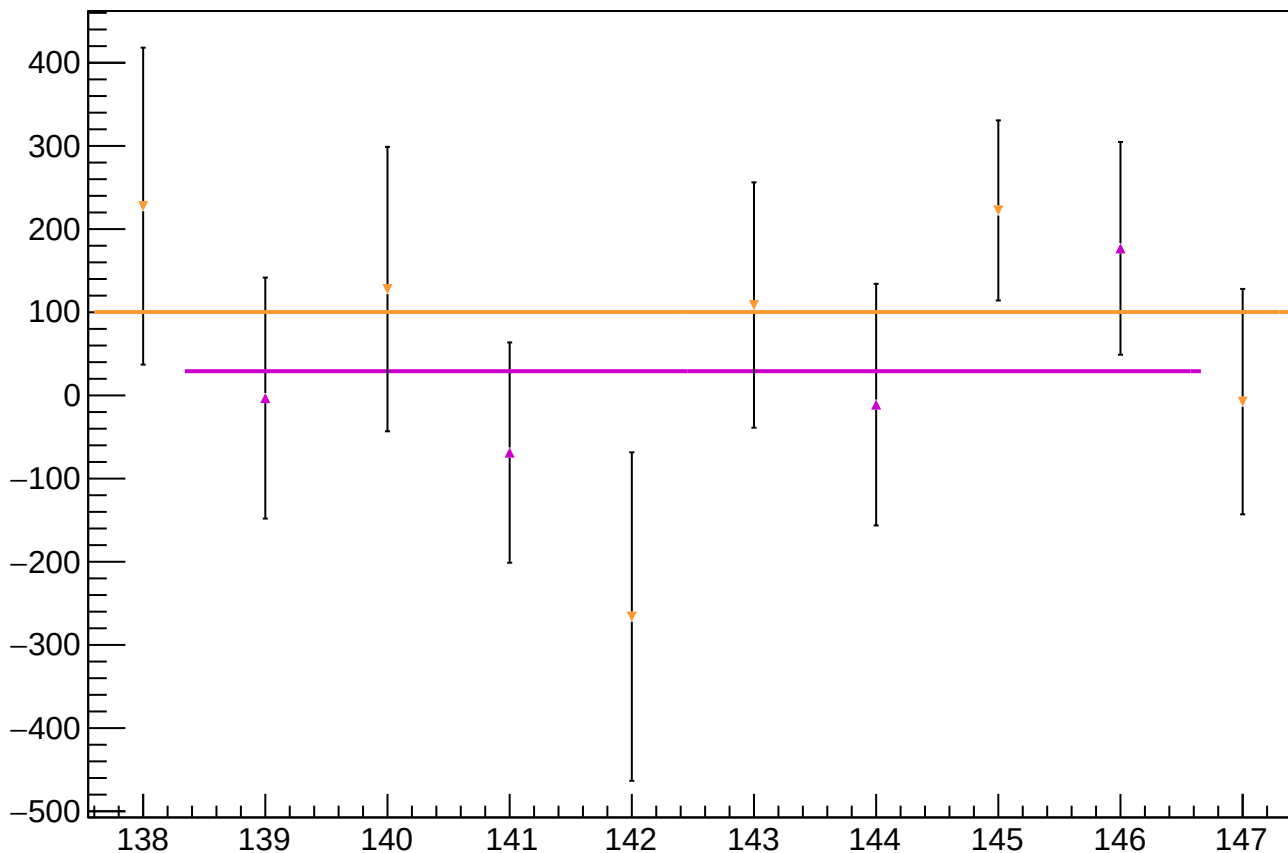
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Out: 655.374+/-0.230 χ^2/NDF :185160.0/5

All: 651.711+/-0.171 χ^2/NDF : 283643.4/9

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 100.284+/-60.511 χ^2/NDF :5.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.155+/-68.503 χ^2/NDF :2.0/3

Left: 69.109+/-45.351 χ^2/NDF : 8.4/9

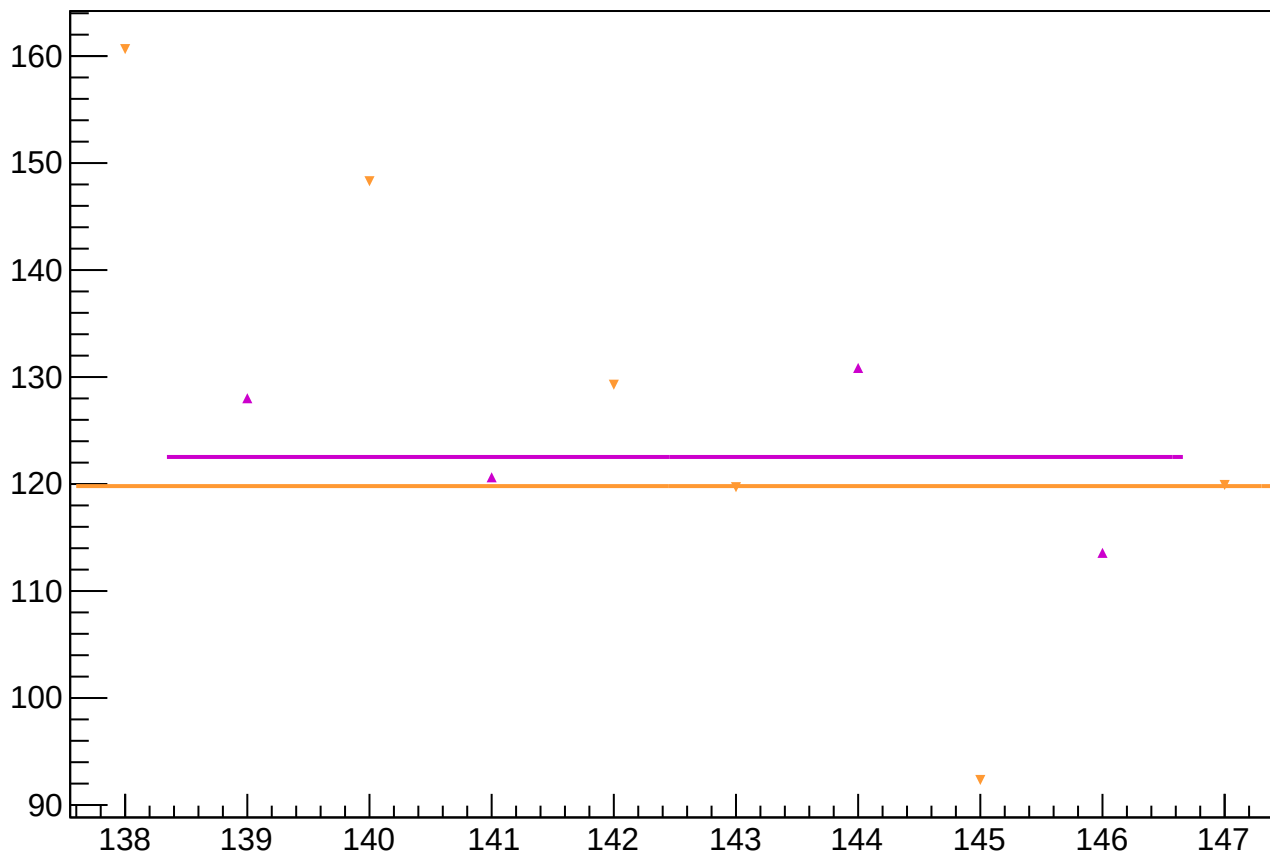
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.155+/-68.503 χ^2/NDF :2.0/3

Out: 100.284+/-60.511 χ^2/NDF :5.8/5

All: 69.109+/-45.351 χ^2/NDF : 8.4/9

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 119.807+/-0.043 χ^2/NDF :280743.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 122.530+/-0.048 χ^2/NDF :19660.3/3

Left: 121.000+/-0.032 χ^2/NDF : 302179.6/9

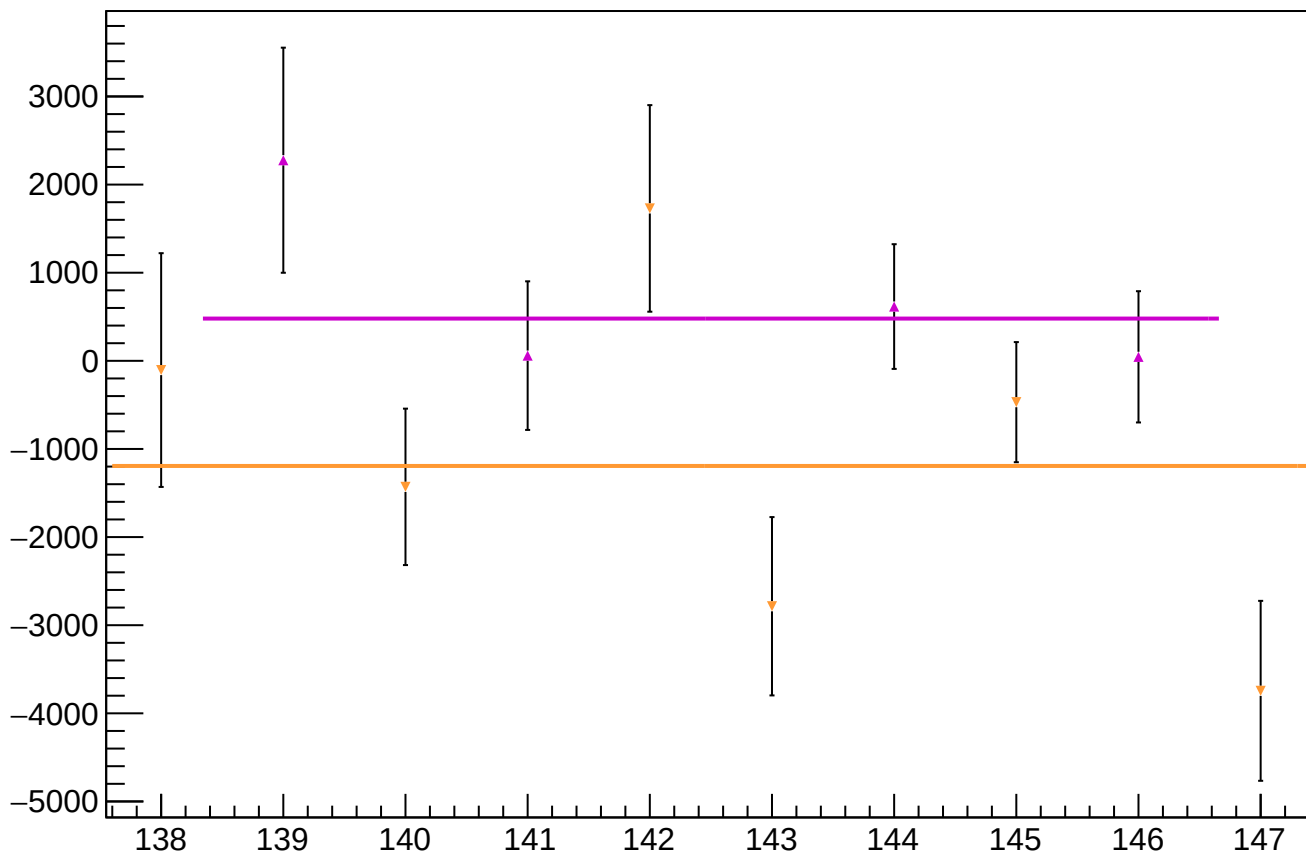
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 122.530+/-0.048 χ^2/NDF :19660.3/3

Out: 119.807+/-0.043 χ^2/NDF :280743.7/5

All: 121.000+/-0.032 χ^2/NDF : 302179.6/9

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1192.929+/-387.655 χ^2/NDF :16.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 479.539+/-414.504 χ^2/NDF :2.6/3

Left: -412.611+/-283.130 χ^2/NDF : 28.1/9

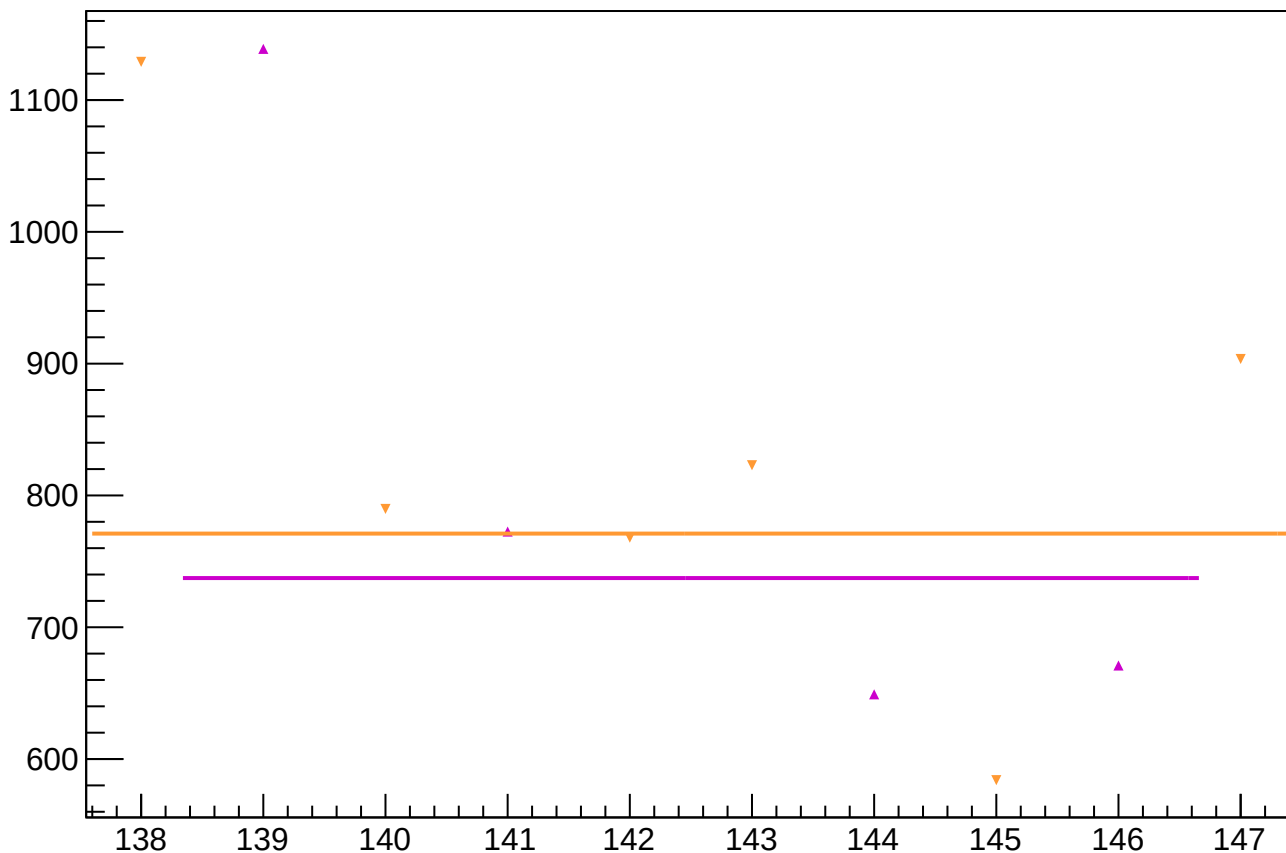
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.539+/-414.504 χ^2/NDF :2.6/3

Out: -1192.929+/-387.655 χ^2/NDF :16.8/5

All: -412.611+/-283.130 χ^2/NDF : 28.1/9

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 771.060+/-0.274 χ^2/NDF :336145.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 737.318+/-0.293 χ^2/NDF :248142.0/3

Left: 755.317+/-0.200 χ^2/NDF : 591356.8/9

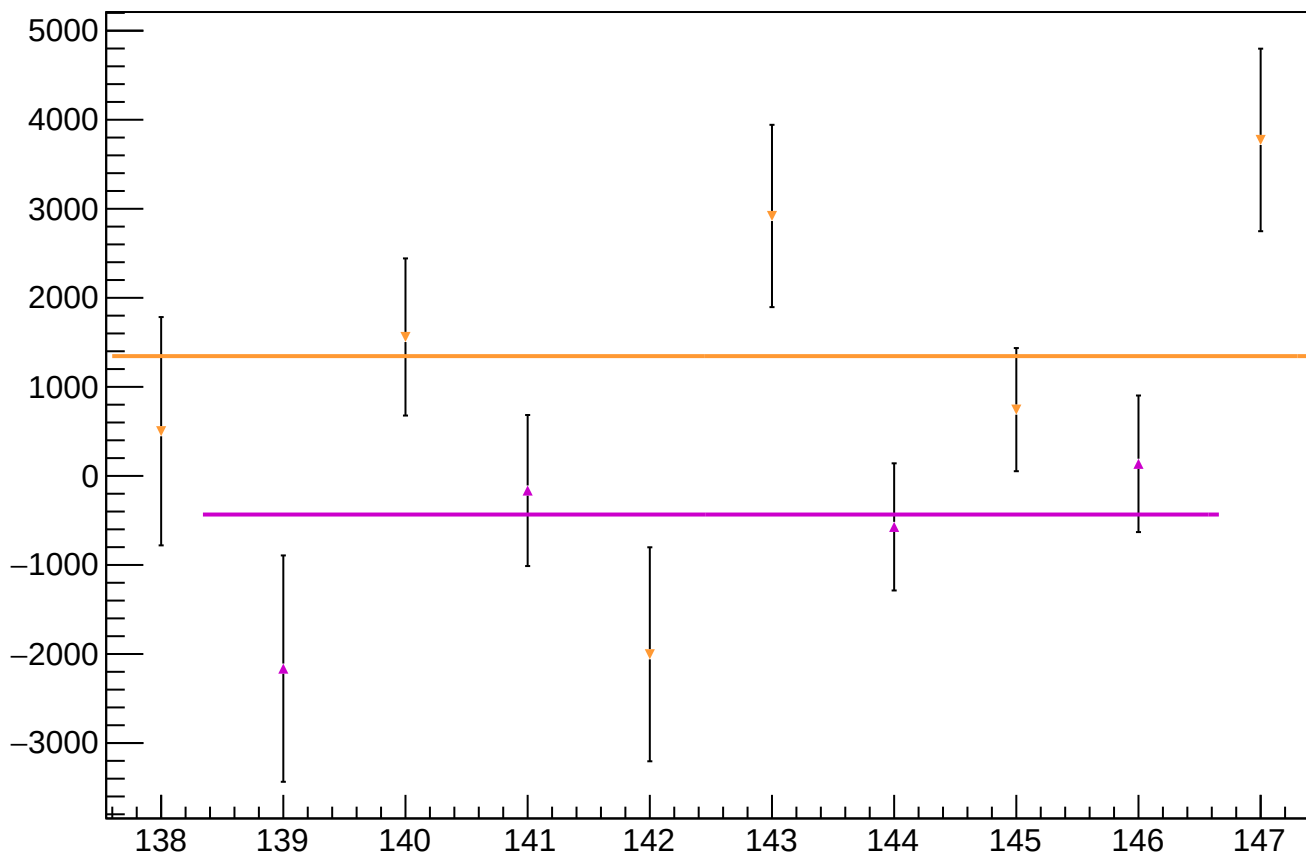
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 737.318+/-0.293 χ^2/NDF :248142.0/3

Out: 771.060+/-0.274 χ^2/NDF :336145.5/5

All: 755.317+/-0.200 χ^2/NDF : 591356.8/9

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1345.414+/-389.763 χ^2/NDF :17.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -433.621+/-419.944 χ^2/NDF :2.5/3

Left: 522.117+/-285.678 χ^2/NDF : 29.2/9

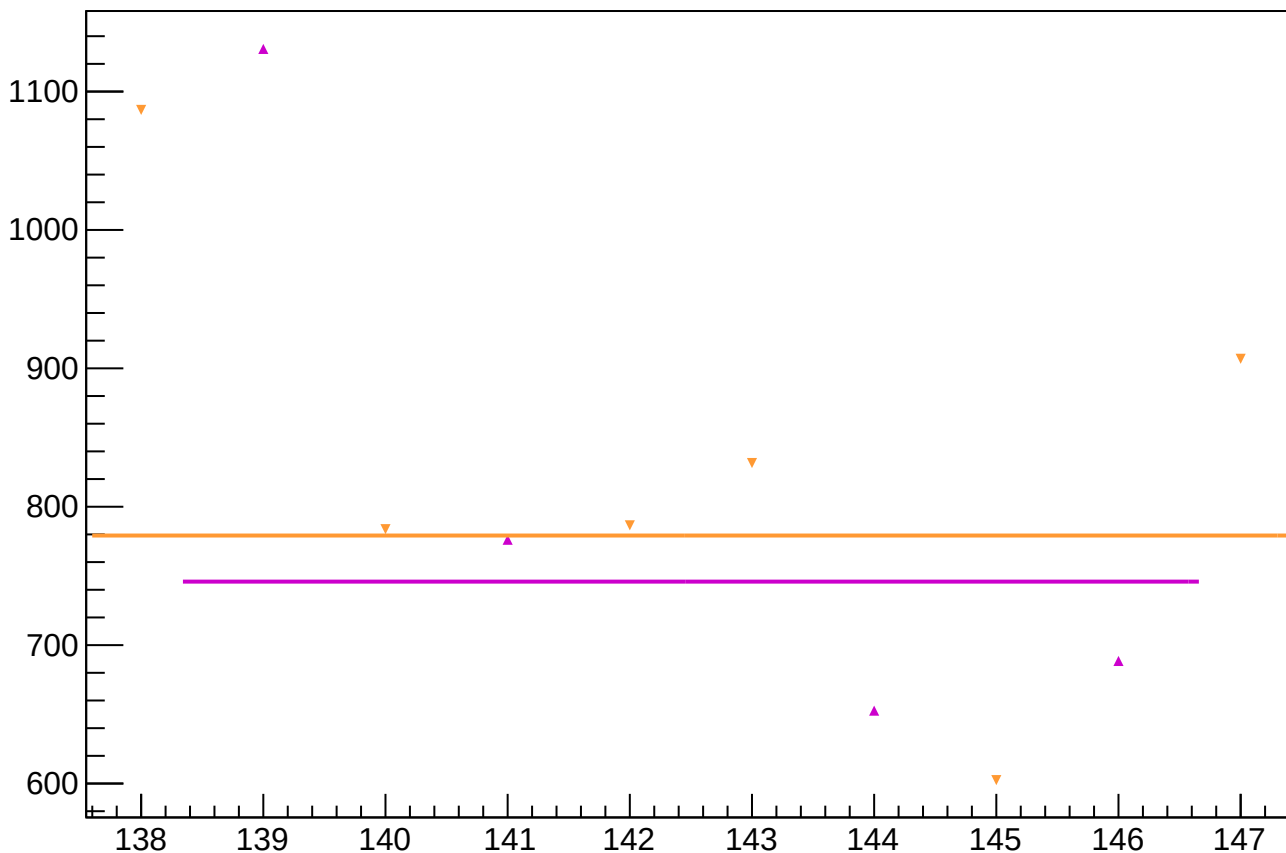
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -433.621+/-419.944 χ^2/NDF :2.5/3

Out: 1345.414+/-389.763 χ^2/NDF :17.0/5

All: 522.117+/-285.678 χ^2/NDF : 29.2/9

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 779.201+/-0.276 χ^2/NDF :282143.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Left: 763.787+/-0.202 χ^2/NDF : 520122.5/9

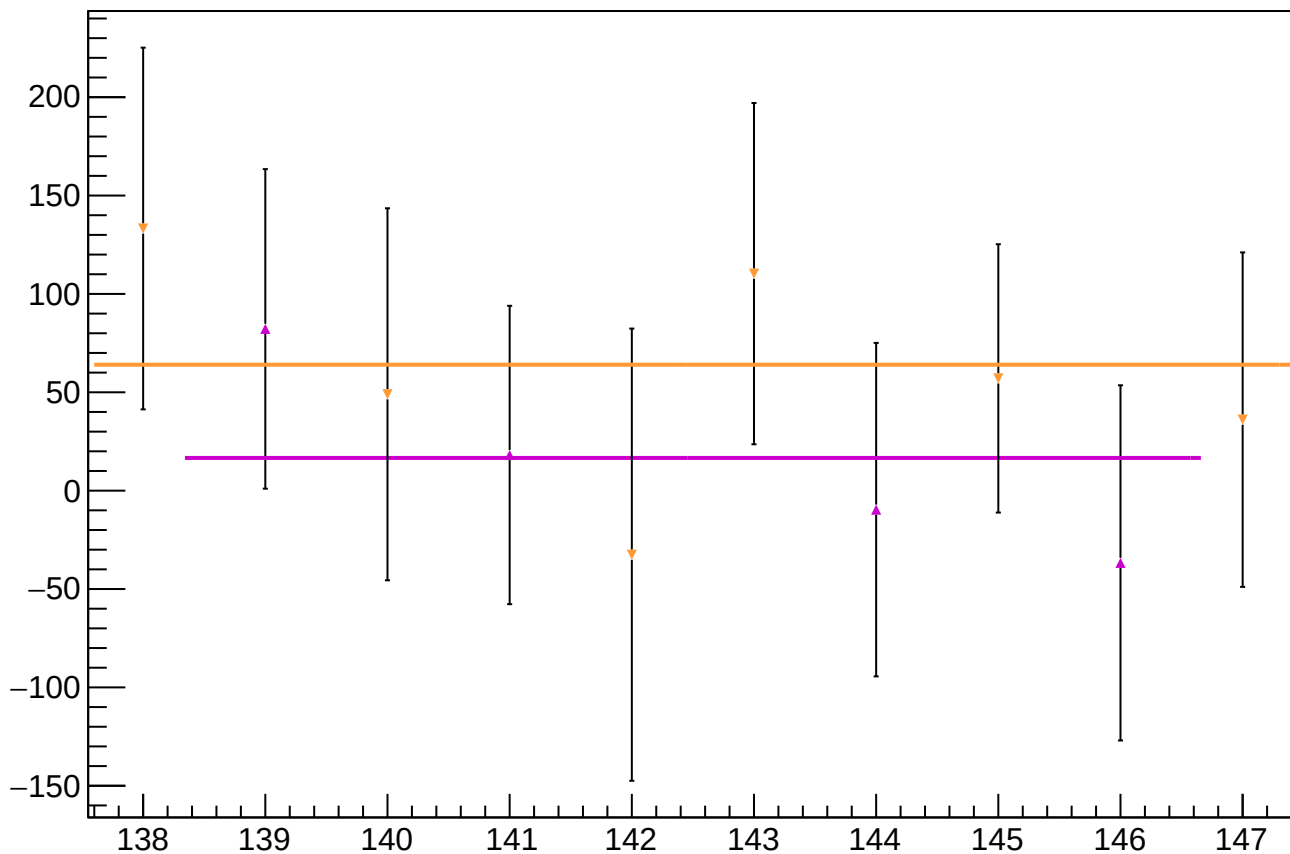
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Out: 779.201+/-0.276 χ^2/NDF :282143.0/5

All: 763.787+/-0.202 χ^2/NDF : 520122.5/9

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 64.008 $\pm$ 35.528 χ^2 /NDF:1.7/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 16.633 $\pm$ 41.258 χ^2 /NDF:1.1/3

Left: 43.836 $\pm$ 26.922 χ^2 /NDF: 3.6/9

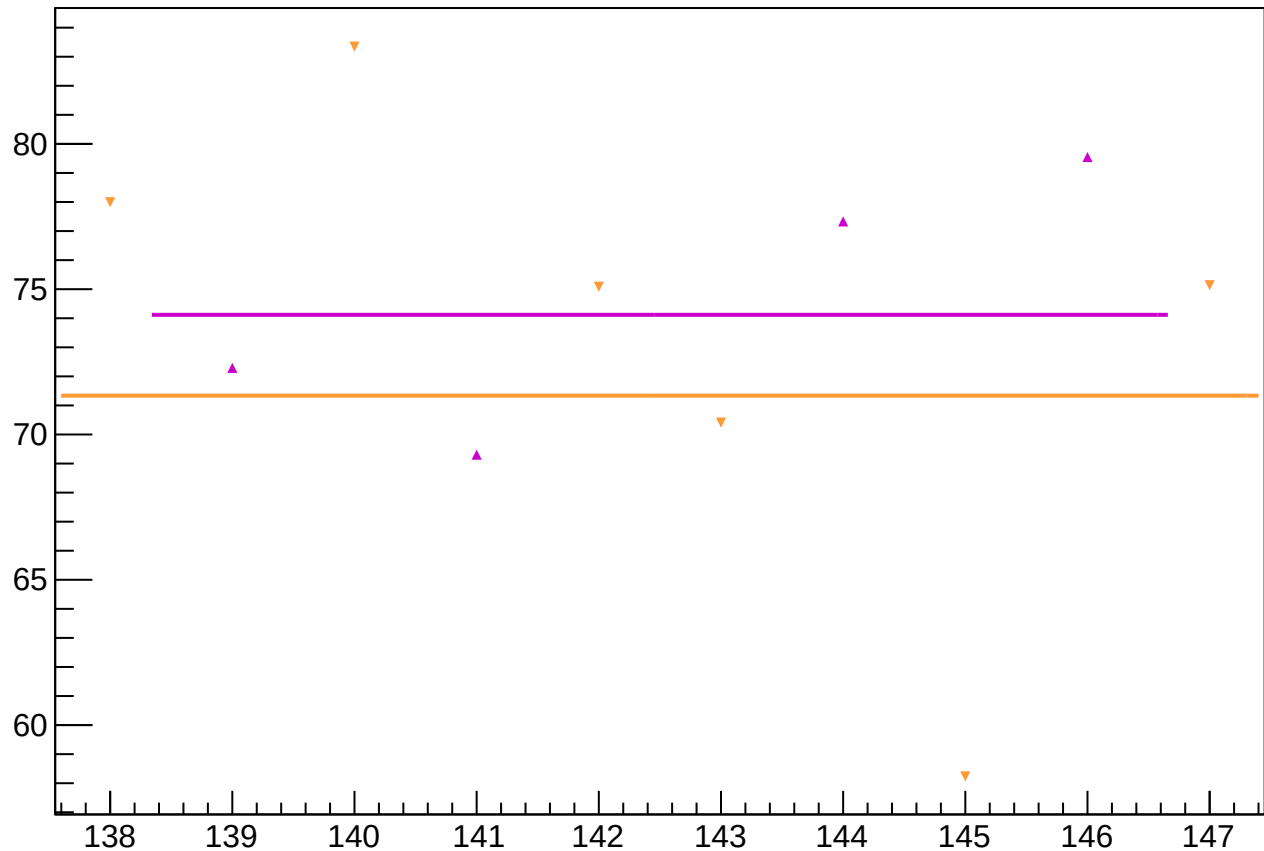
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 16.633 $\pm$ 41.258 χ^2 /NDF:1.1/3

Out: 64.008 $\pm$ 35.528 χ^2 /NDF:1.7/5

All: 43.836 $\pm$ 26.922 χ^2 /NDF: 3.6/9

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 71.337+/-0.025 χ^2/NDF :122936.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 74.118+/-0.029 χ^2/NDF :19181.5/3

Left: 72.521+/-0.019 χ^2/NDF : 147336.2/9

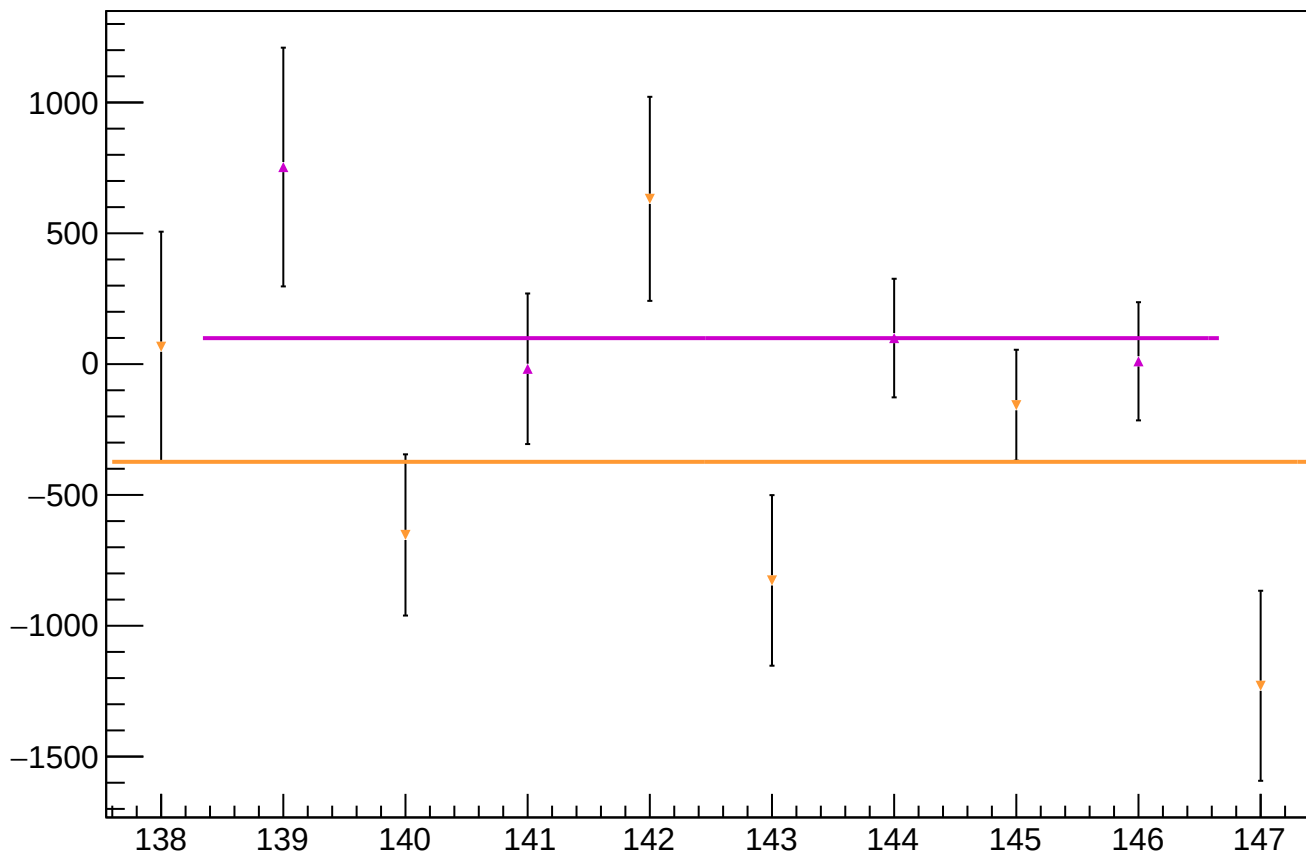
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 74.118+/-0.029 χ^2/NDF :19181.5/3

Out: 71.337+/-0.025 χ^2/NDF :122936.8/5

All: 72.521+/-0.019 χ^2/NDF : 147336.2/9

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -373.427 $\pm$ 127.482 χ^2 /NDF:17.0/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 99.256 $\pm$ 133.690 χ^2 /NDF:2.4/3

Left: -148.315 $\pm$ 92.260 χ^2 /NDF: 25.9/9

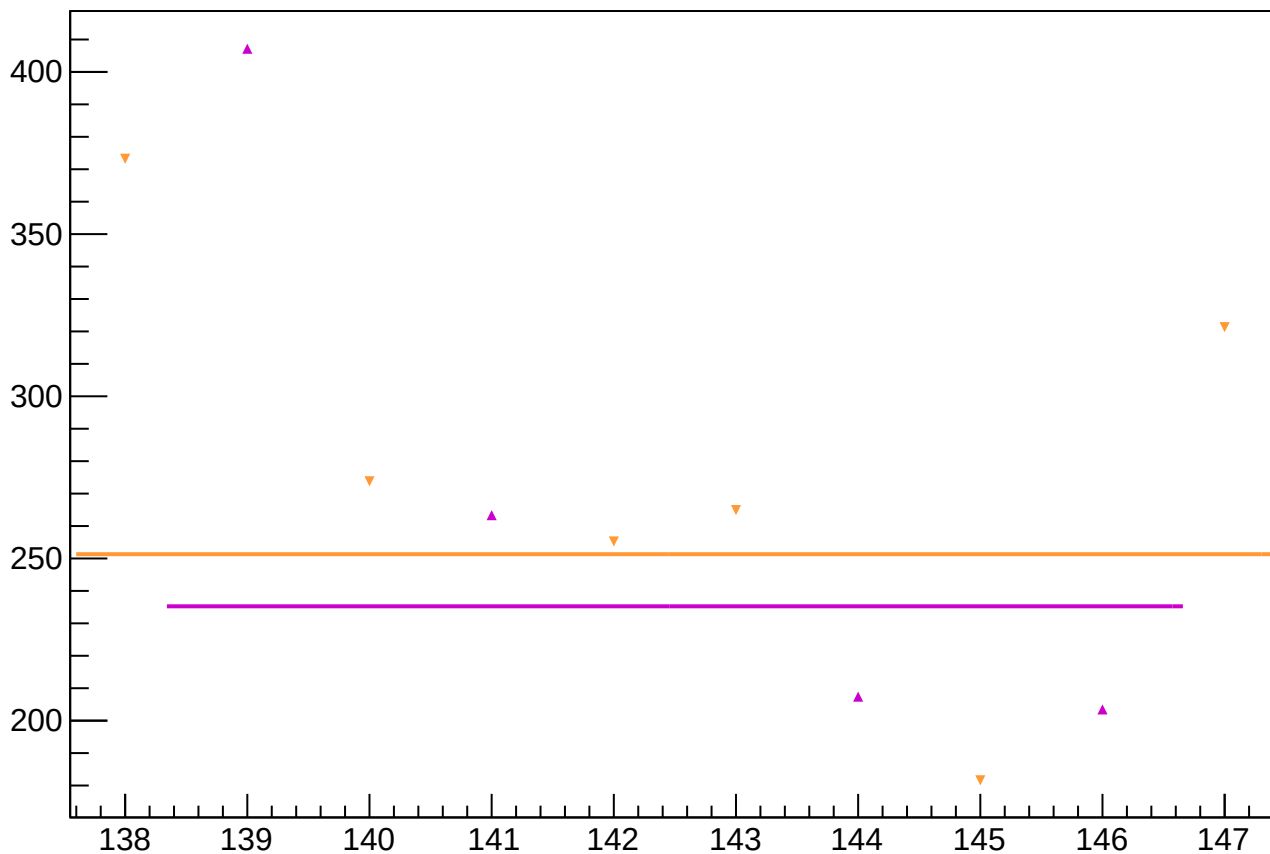
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 99.256 $\pm$ 133.690 χ^2 /NDF:2.4/3

Out: -373.427 $\pm$ 127.482 χ^2 /NDF:17.0/5

All: -148.315 $\pm$ 92.260 χ^2 /NDF: 25.9/9

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 251.319+/-0.090 χ^2/NDF :458712.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 235.253+/-0.095 χ^2/NDF :372811.9/3

Left: 243.667+/-0.065 χ^2/NDF : 846652.1/9

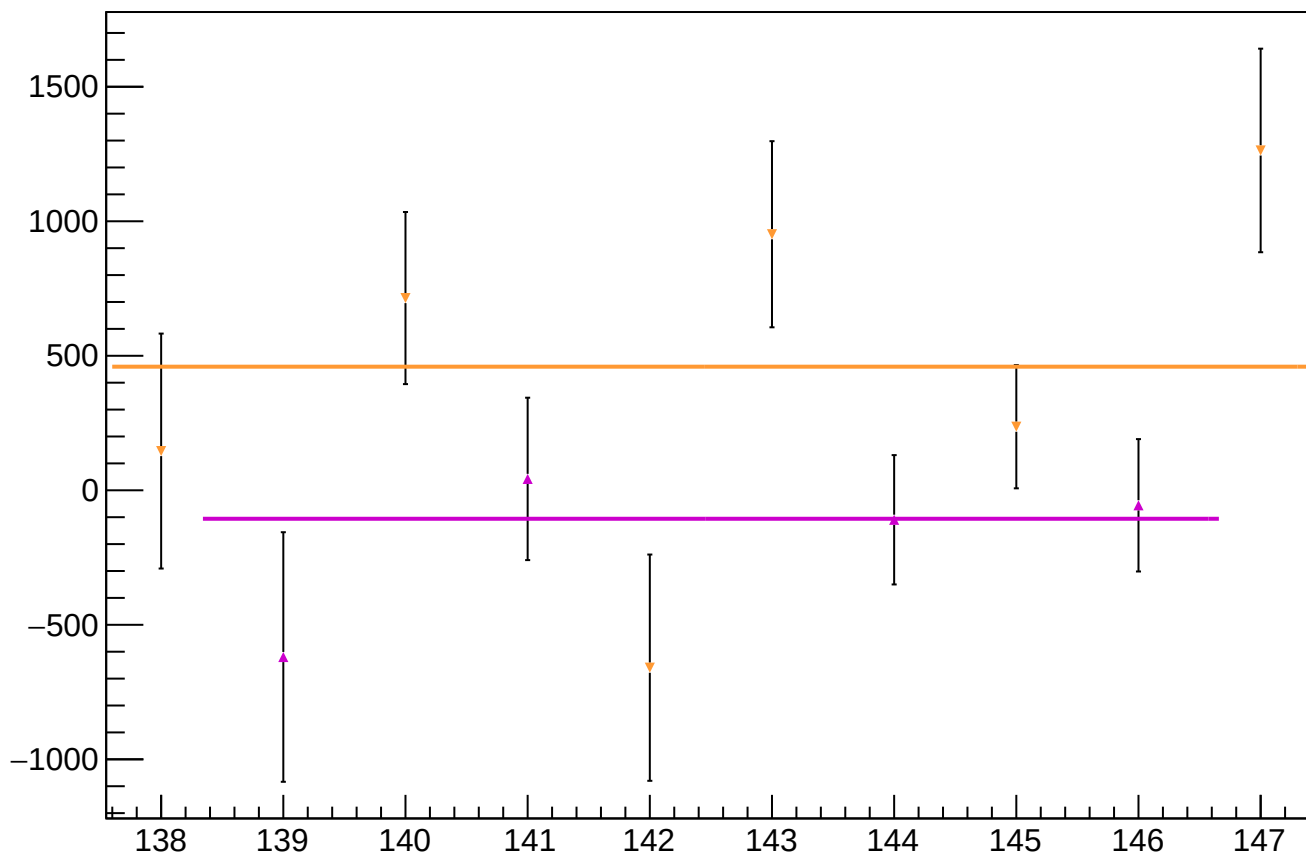
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 235.253+/-0.095 χ^2/NDF :372811.9/3

Out: 251.319+/-0.090 χ^2/NDF :458712.4/5

All: 243.667+/-0.065 χ^2/NDF : 846652.1/9

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 459.492+/-134.755 χ^2/NDF :15.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -105.829+/-142.213 χ^2/NDF :1.5/3

Left: 192.041+/-97.817 χ^2/NDF : 25.6/9

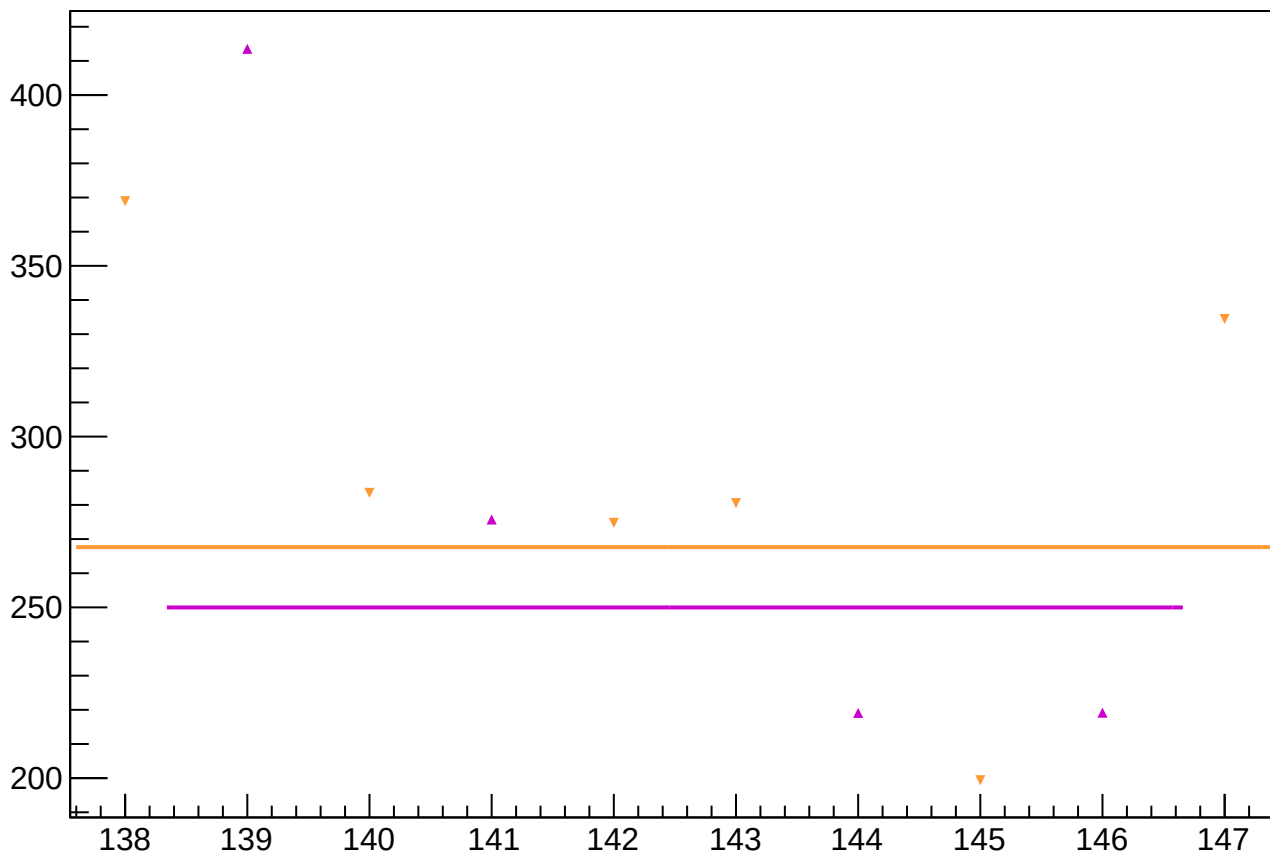
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.829+/-142.213 χ^2/NDF :1.5/3

Out: 459.492+/-134.755 χ^2/NDF :15.7/5

All: 192.041+/-97.817 χ^2/NDF : 25.6/9

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 267.644+/-0.095 χ^2/NDF :355727.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Left: 259.286+/-0.069 χ^2/NDF : 699604.8/9

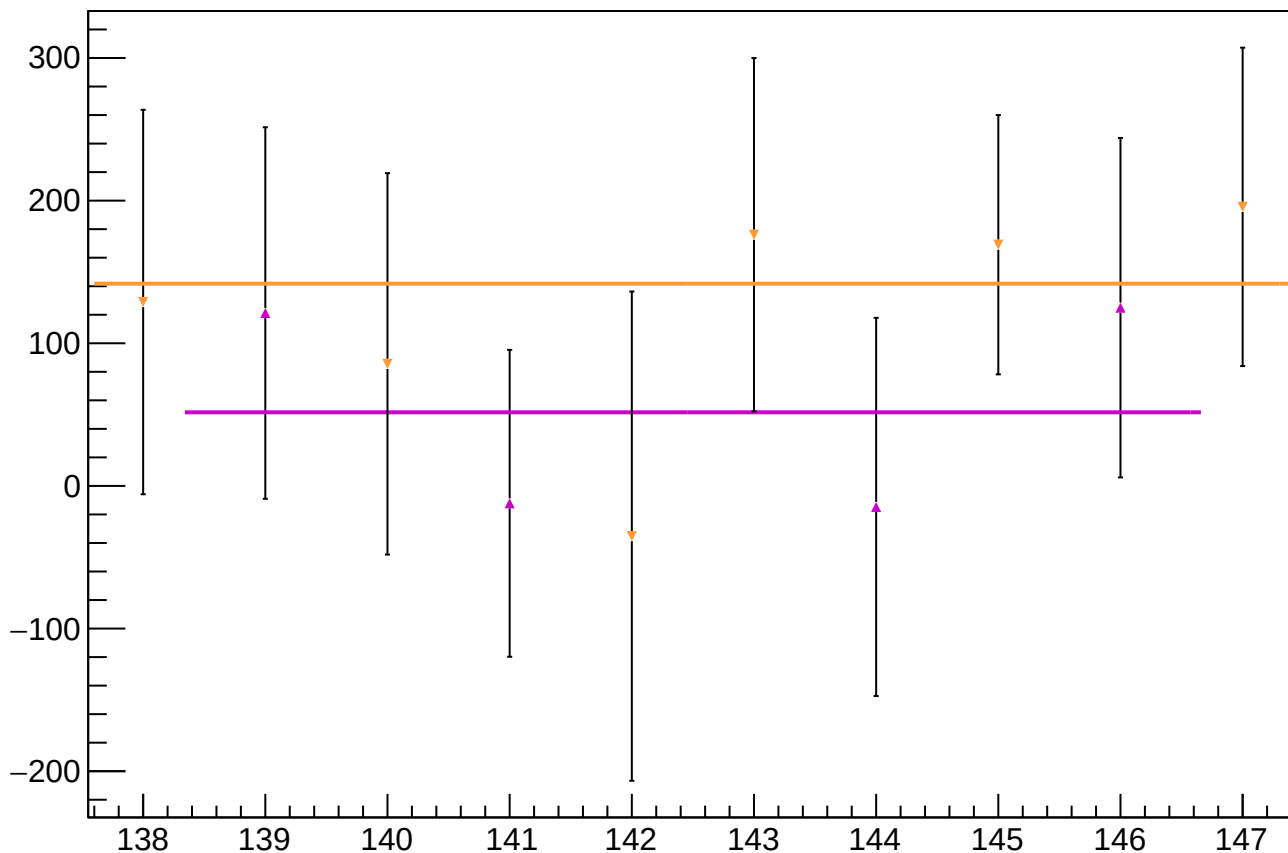
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Out: 267.644+/-0.095 χ^2/NDF :355727.4/5

All: 259.286+/-0.069 χ^2/NDF : 699604.8/9

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 141.779+/-49.295 χ^2/NDF :1.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 51.603+/-60.535 χ^2/NDF :1.3/3

Left: 105.824+/-38.225 χ^2/NDF : 4.3/9

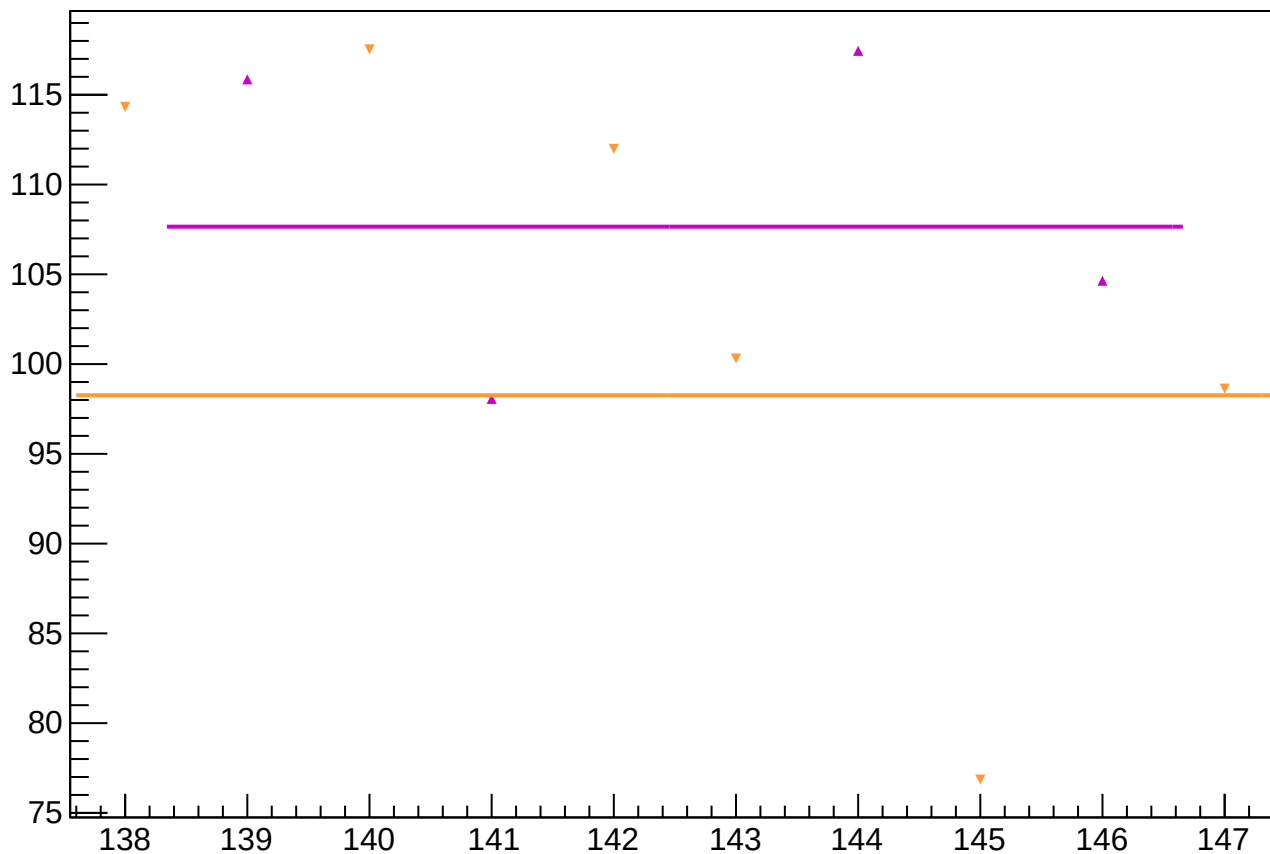
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 51.603+/-60.535 χ^2/NDF :1.3/3

Out: 141.779+/-49.295 χ^2/NDF :1.7/5

All: 105.824+/-38.225 χ^2/NDF : 4.3/9

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 98.263+/-0.035 χ^2/NDF :194284.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 107.654+/-0.043 χ^2/NDF :36039.5/3

Left: 102.007+/-0.027 χ^2/NDF : 259262.6/9

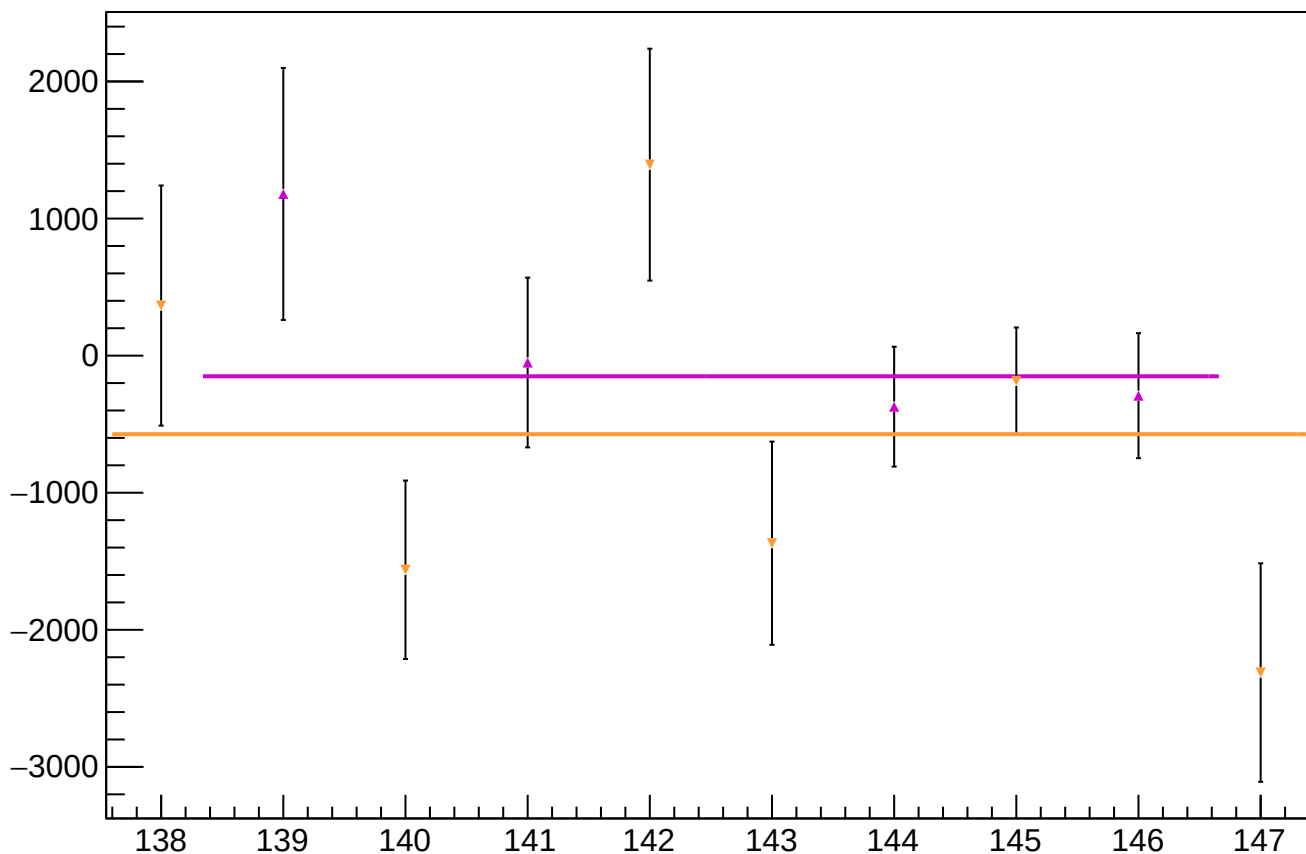
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.654+/-0.043 χ^2/NDF :36039.5/3

Out: 98.263+/-0.035 χ^2/NDF :194284.5/5

All: 102.007+/-0.027 χ^2/NDF : 259262.6/9

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -572.884 ± 257.961 $\chi^2/\text{NDF}: 15.8/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -150.723 ± 268.843 $\chi^2/\text{NDF}: 2.5/3$

Left: -370.520 ± 186.134 $\chi^2/\text{NDF}: 19.5/9$

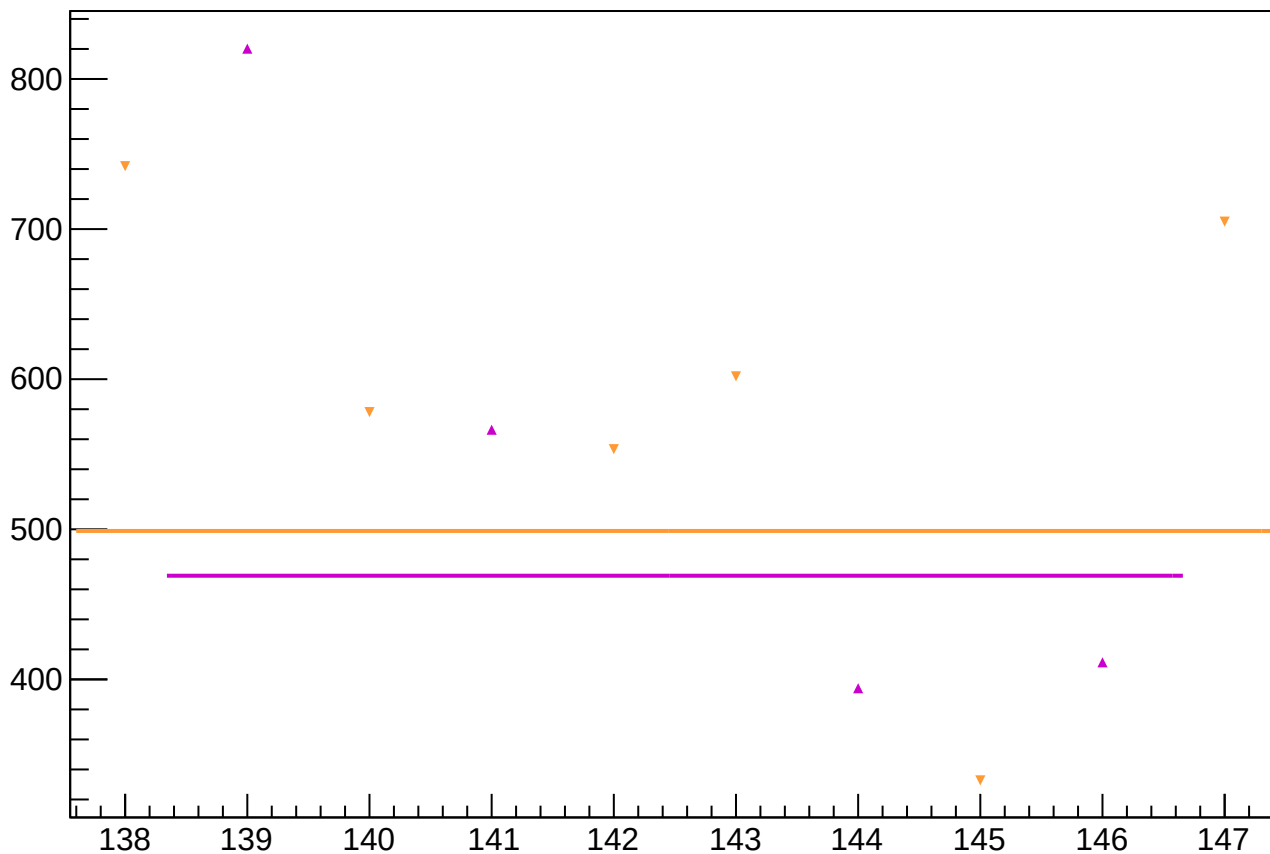
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -150.723 ± 268.843 $\chi^2/\text{NDF}: 2.5/3$

Out: -572.884 ± 257.961 $\chi^2/\text{NDF}: 15.8/5$

All: -370.520 ± 186.134 $\chi^2/\text{NDF}: 19.5/9$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 498.896+/-0.182 χ^2/NDF : 727094.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 469.071+/-0.190 χ^2/NDF : 432163.0/3

Left: 484.599+/-0.132 χ^2/NDF : 1172073.0/9

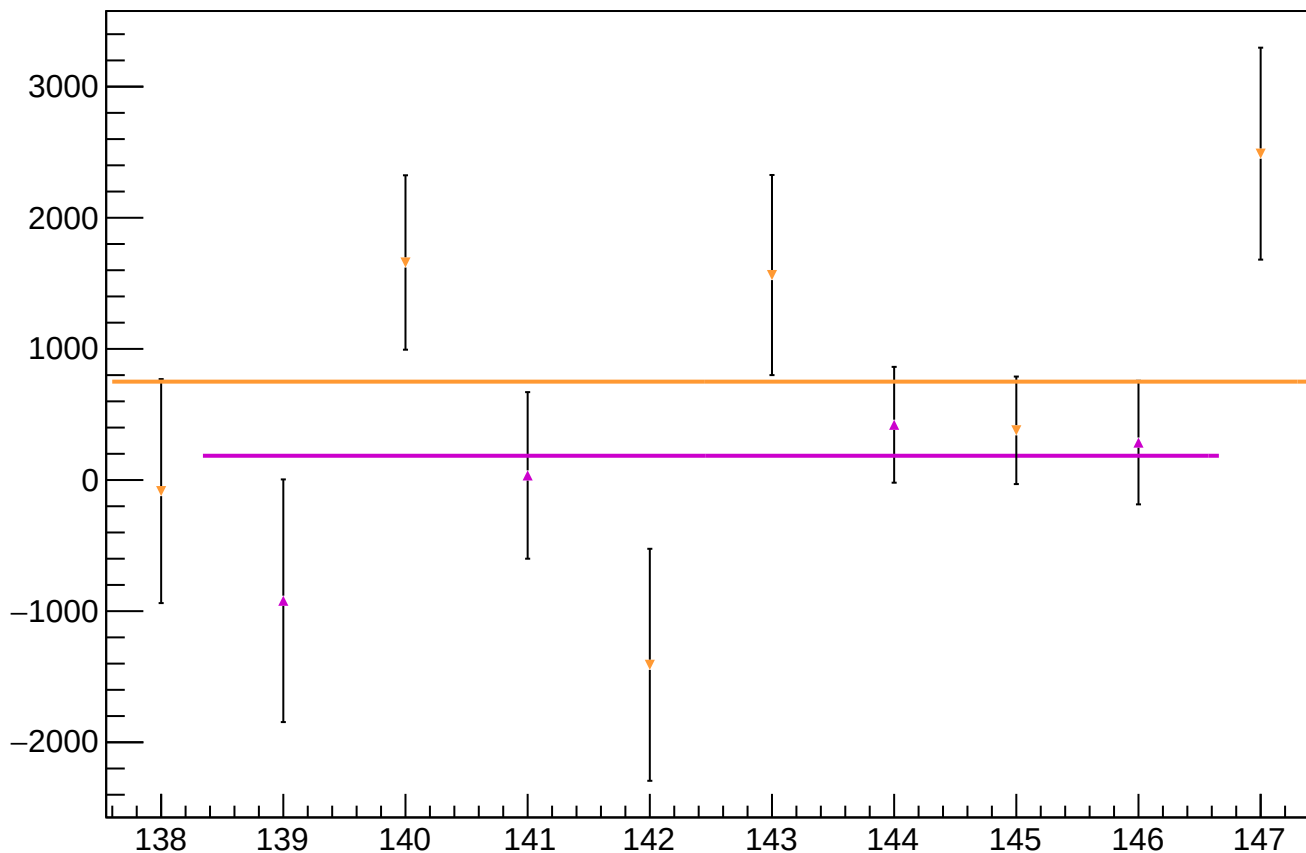
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 469.071+/-0.190 χ^2/NDF : 432163.0/3

Out: 498.896+/-0.182 χ^2/NDF : 727094.7/5

All: 484.599+/-0.132 χ^2/NDF : 1172073.0/9

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 750.365+/-266.255 χ^2/NDF :15.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 185.102+/-274.433 χ^2/NDF :1.8/3

Left: 476.281+/-191.096 χ^2/NDF : 19.4/9

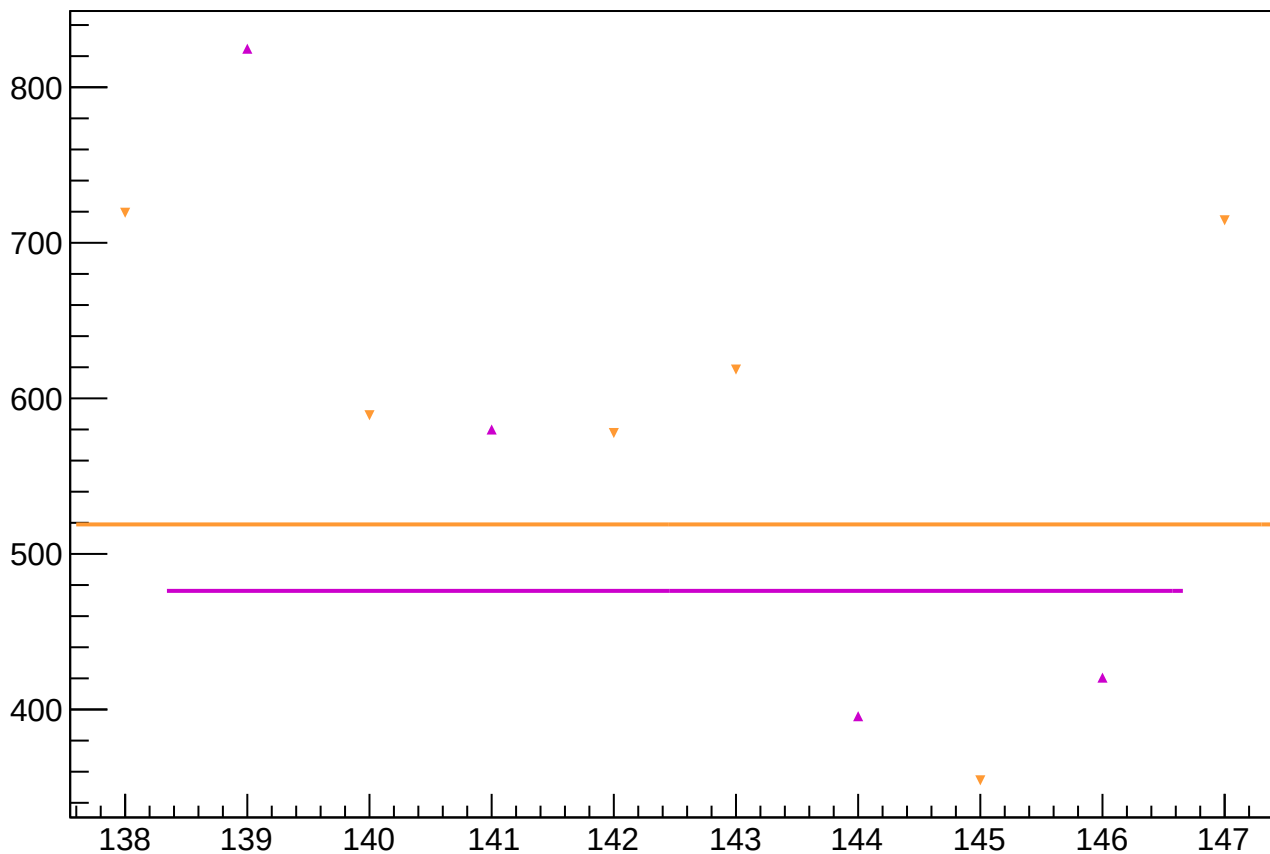
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 185.102+/-274.433 χ^2/NDF :1.8/3

Out: 750.365+/-266.255 χ^2/NDF :15.4/5

All: 476.281+/-191.096 χ^2/NDF : 19.4/9

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 518.970+/-0.188 χ^2/NDF :614213.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Left: 498.255+/-0.135 χ^2/NDF : 1070881.8/9

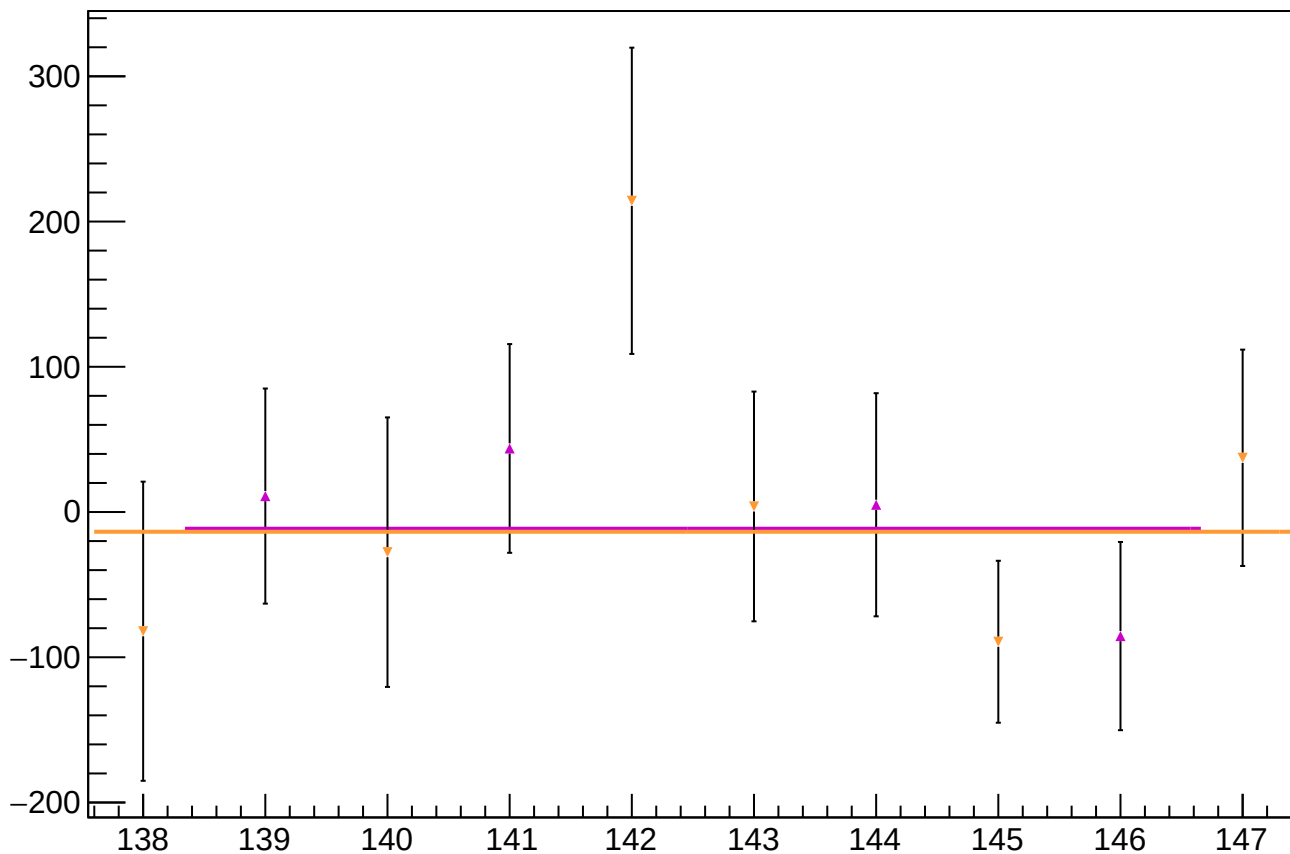
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Out: 518.970+/-0.188 χ^2/NDF :614213.5/5

All: 498.255+/-0.135 χ^2/NDF : 1070881.8/9

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.581+/-32.236 χ^2/NDF :7.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.502+/-35.723 χ^2/NDF :2.0/3

Left: -12.648+/-23.933 χ^2/NDF : 9.5/9

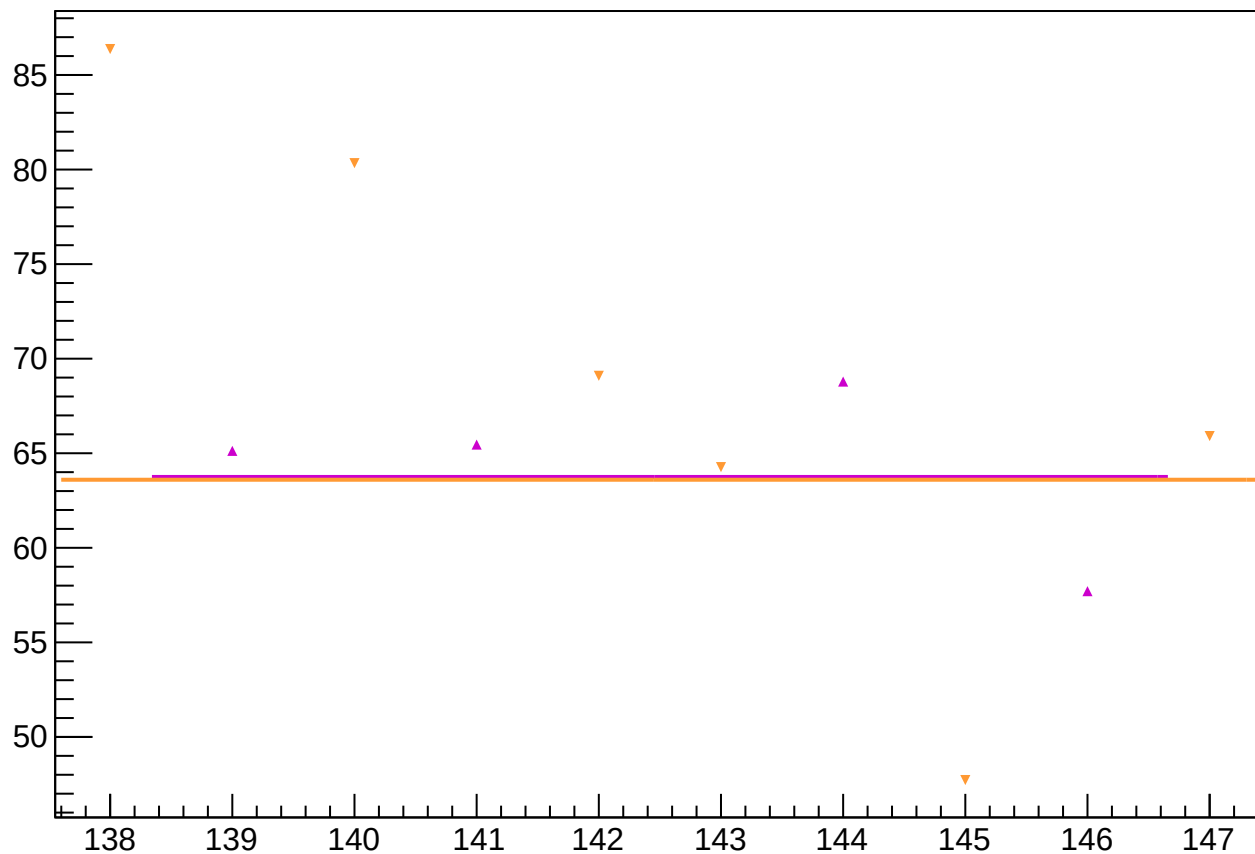
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.502+/-35.723 χ^2/NDF :2.0/3

Out: -13.581+/-32.236 χ^2/NDF :7.5/5

All: -12.648+/-23.933 χ^2/NDF : 9.5/9

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 63.599+/-0.023 χ^2/NDF :332639.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 63.746+/-0.025 χ^2/NDF :27819.3/3

Left: 63.665+/-0.017 χ^2/NDF : 360477.5/9

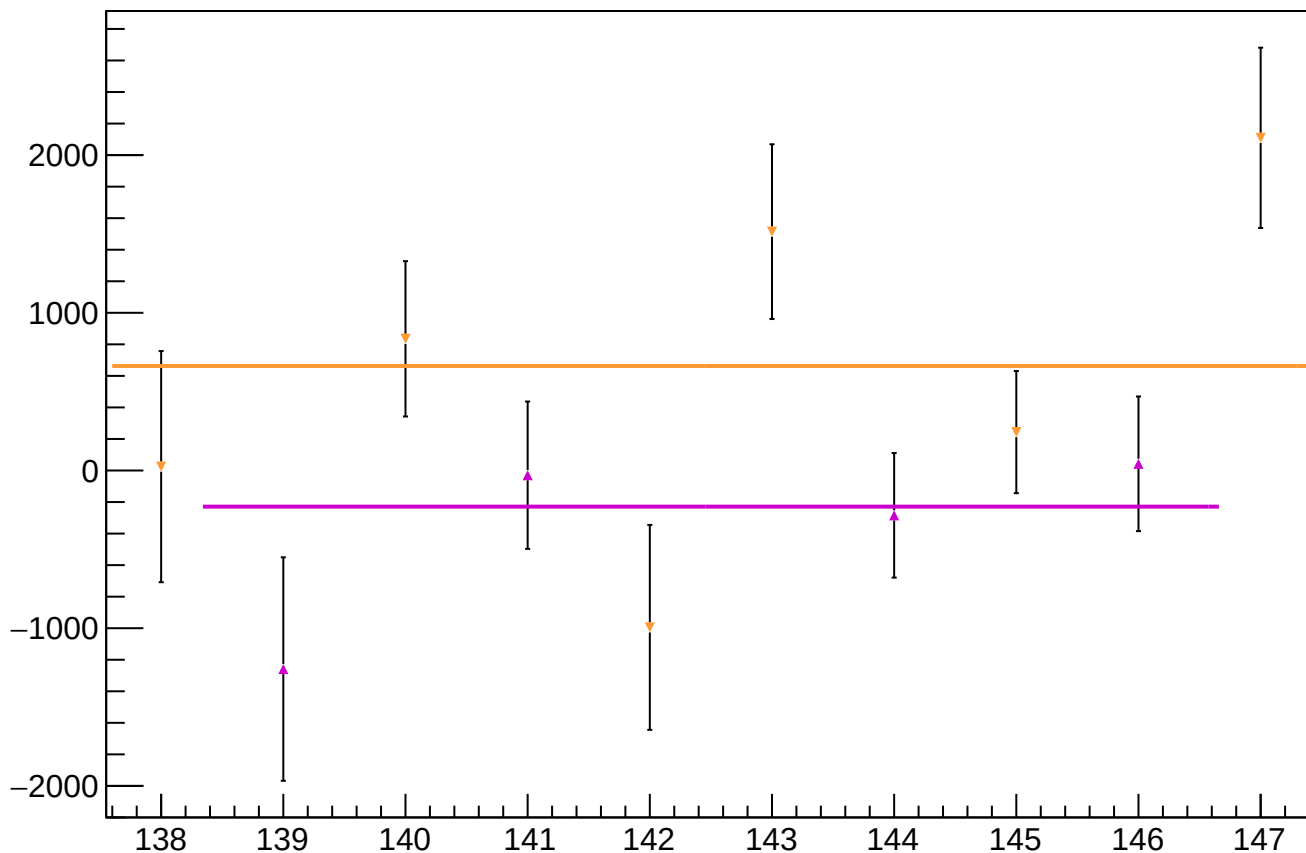
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.746+/-0.025 χ^2/NDF :27819.3/3

Out: 63.599+/-0.023 χ^2/NDF :332639.5/5

All: 63.665+/-0.017 χ^2/NDF : 360477.5/9

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: 662.704+/-216.463 χ^2/NDF :17.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -229.140+/-232.686 χ^2/NDF :2.7/3

Left: 248.952+/-158.488 χ^2/NDF : 27.9/9

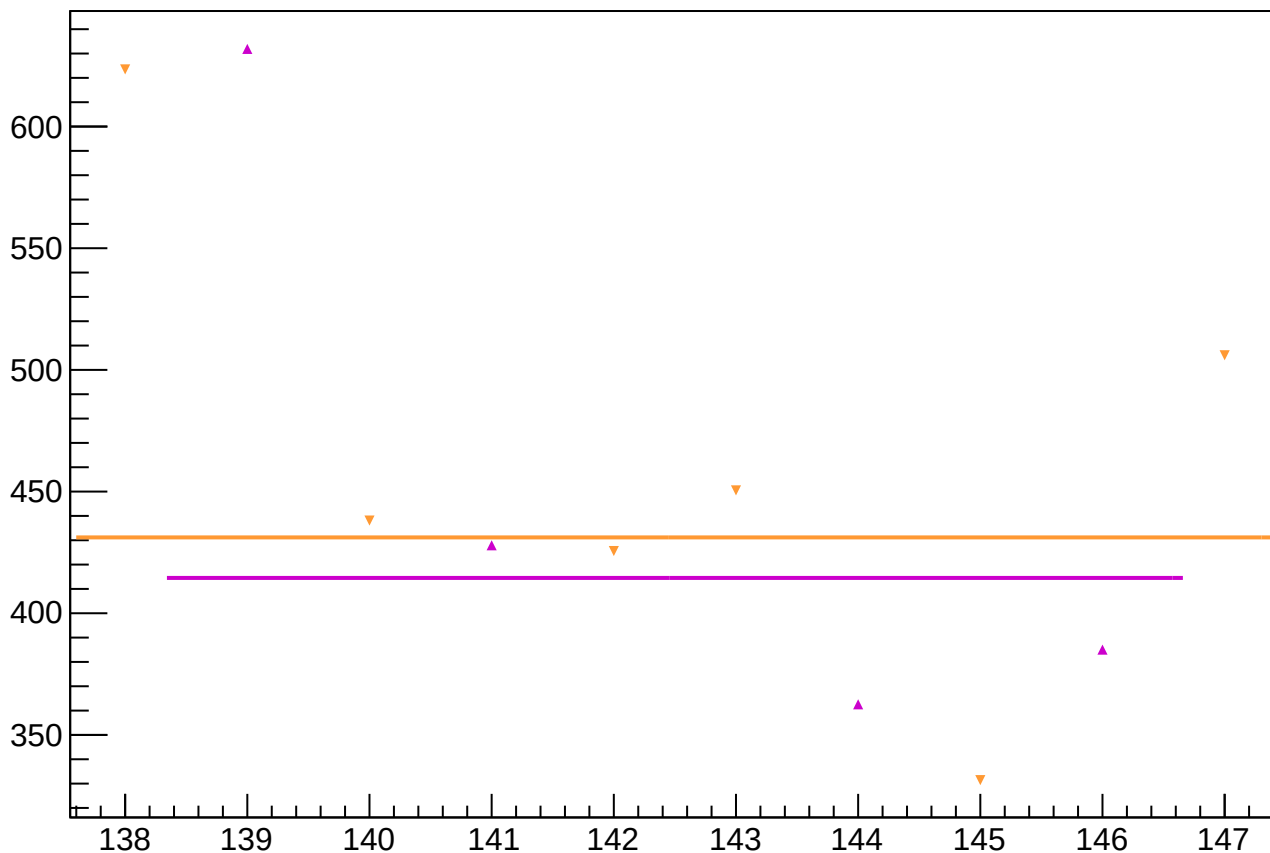
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -229.140+/-232.686 χ^2/NDF :2.7/3

Out: 662.704+/-216.463 χ^2/NDF :17.3/5

All: 248.952+/-158.488 χ^2/NDF : 27.9/9

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: 431.167+/-0.153 χ^2/NDF :307725.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 414.517+/-0.165 χ^2/NDF :233990.8/3

Left: 423.442+/-0.112 χ^2/NDF : 547205.8/9

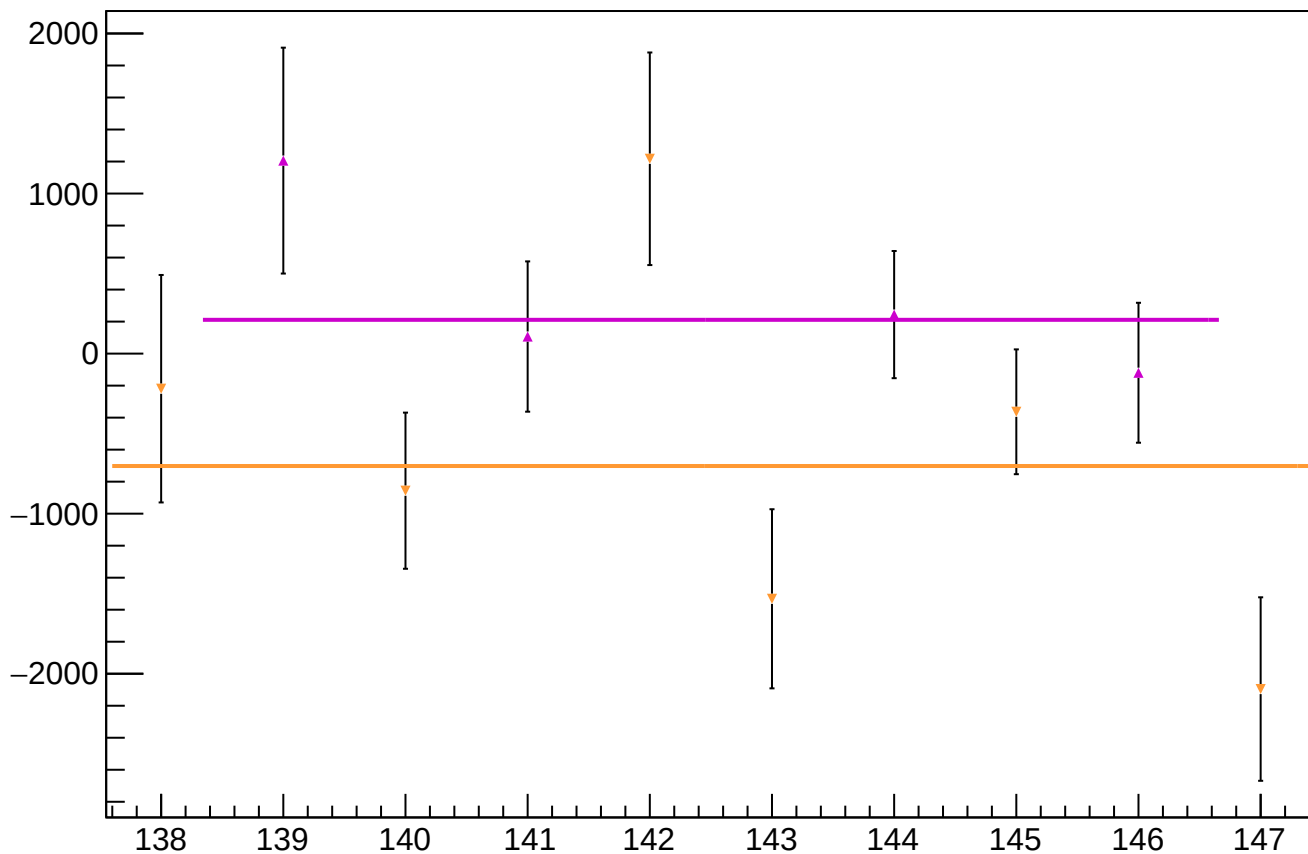
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 414.517+/-0.165 χ^2/NDF :233990.8/3

Out: 431.167+/-0.153 χ^2/NDF :307725.2/5

All: 423.442+/-0.112 χ^2/NDF : 547205.8/9

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -702.316+/-216.849 χ^2/NDF :17.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 211.095+/-234.962 χ^2/NDF :2.6/3

Left: -282.171+/-159.355 χ^2/NDF : 28.6/9

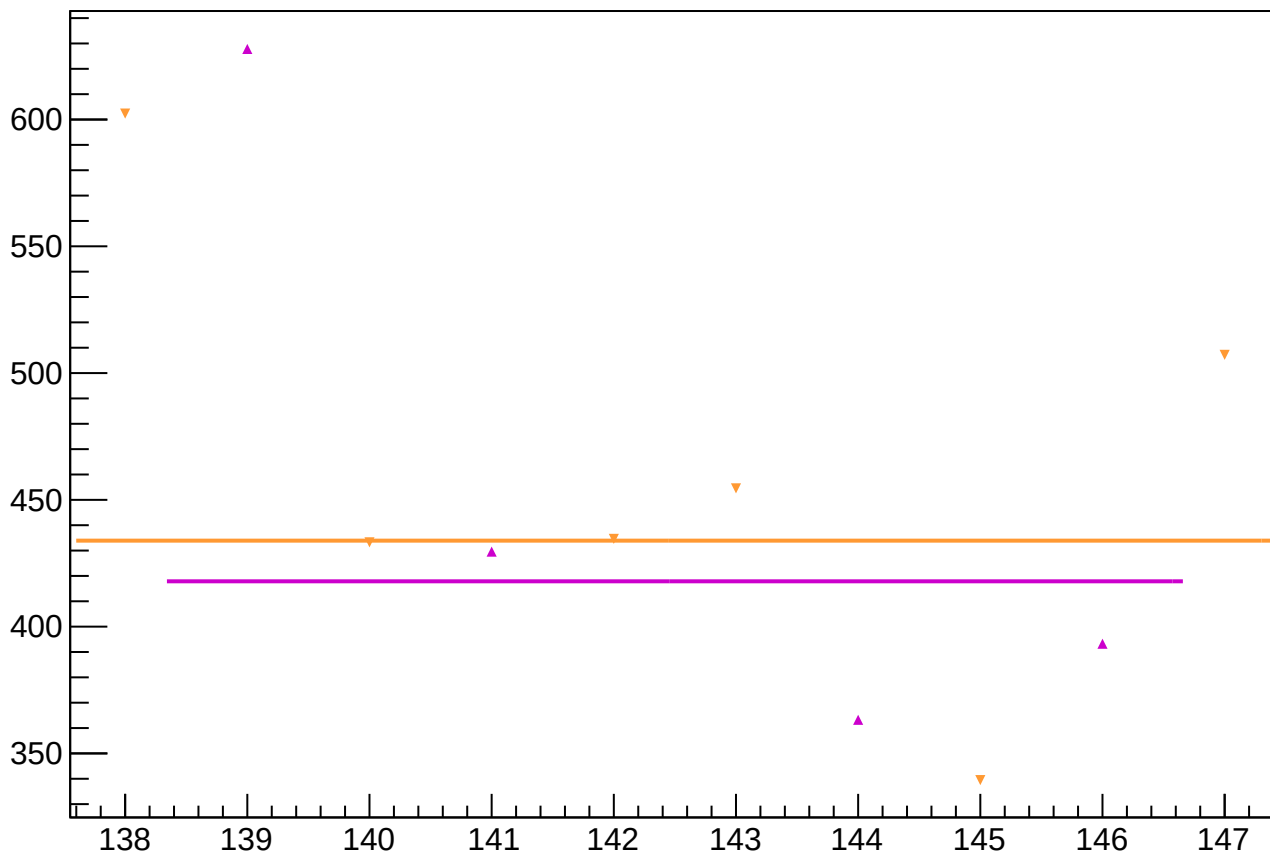
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 211.095+/-234.962 χ^2/NDF :2.6/3

Out: -702.316+/-216.849 χ^2/NDF :17.8/5

All: -282.171+/-159.355 χ^2/NDF : 28.6/9

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 433.915+/-0.153 χ^2/NDF :265109.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 417.875+/-0.166 χ^2/NDF :222461.8/3

Left: 426.537+/-0.113 χ^2/NDF : 492604.9/9

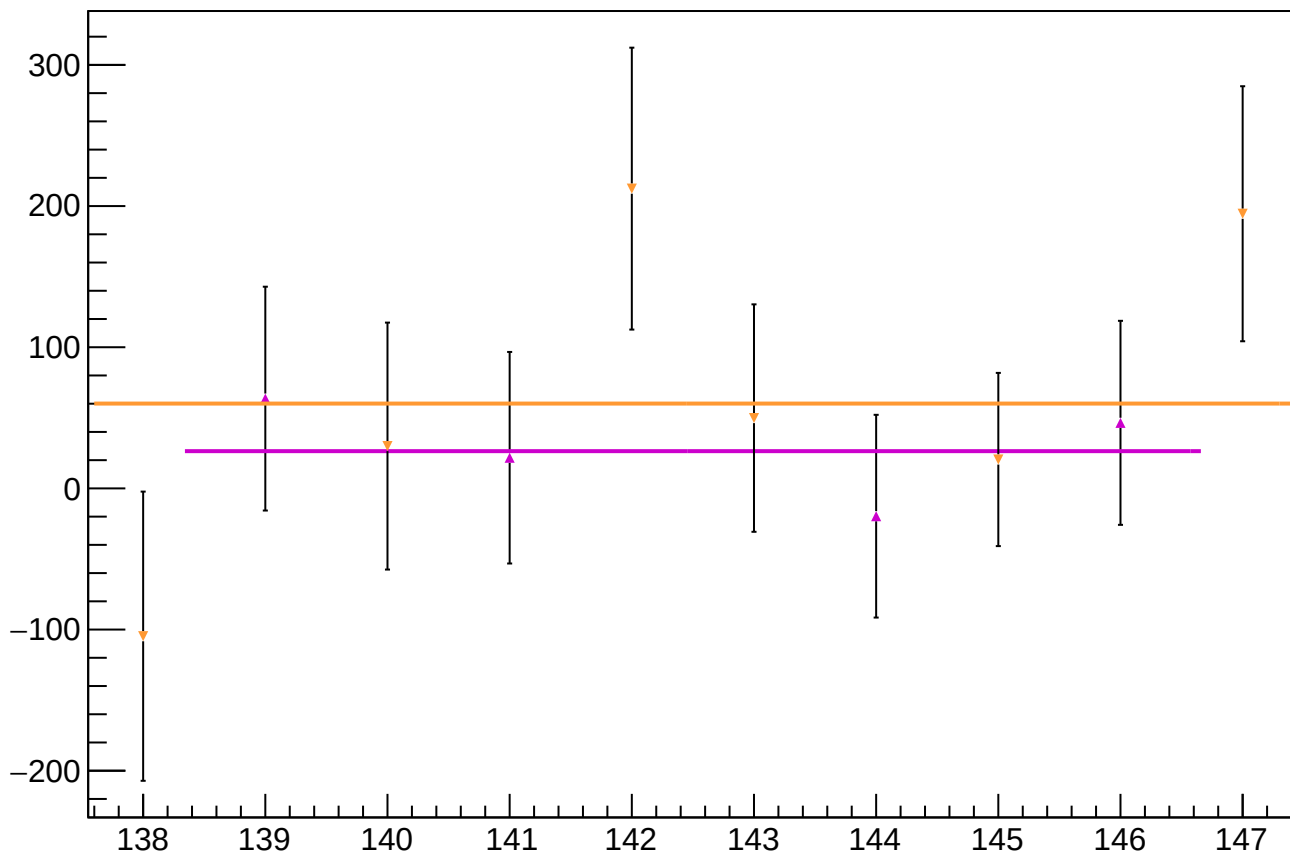
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.875+/-0.166 χ^2/NDF :222461.8/3

Out: 433.915+/-0.153 χ^2/NDF :265109.6/5

All: 426.537+/-0.113 χ^2/NDF : 492604.9/9

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 60.092+/-33.931 χ^2/NDF : 7.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.382+/-37.201 χ^2/NDF : 0.7/3

Left: 44.783+/-25.069 χ^2/NDF : 8.8/9

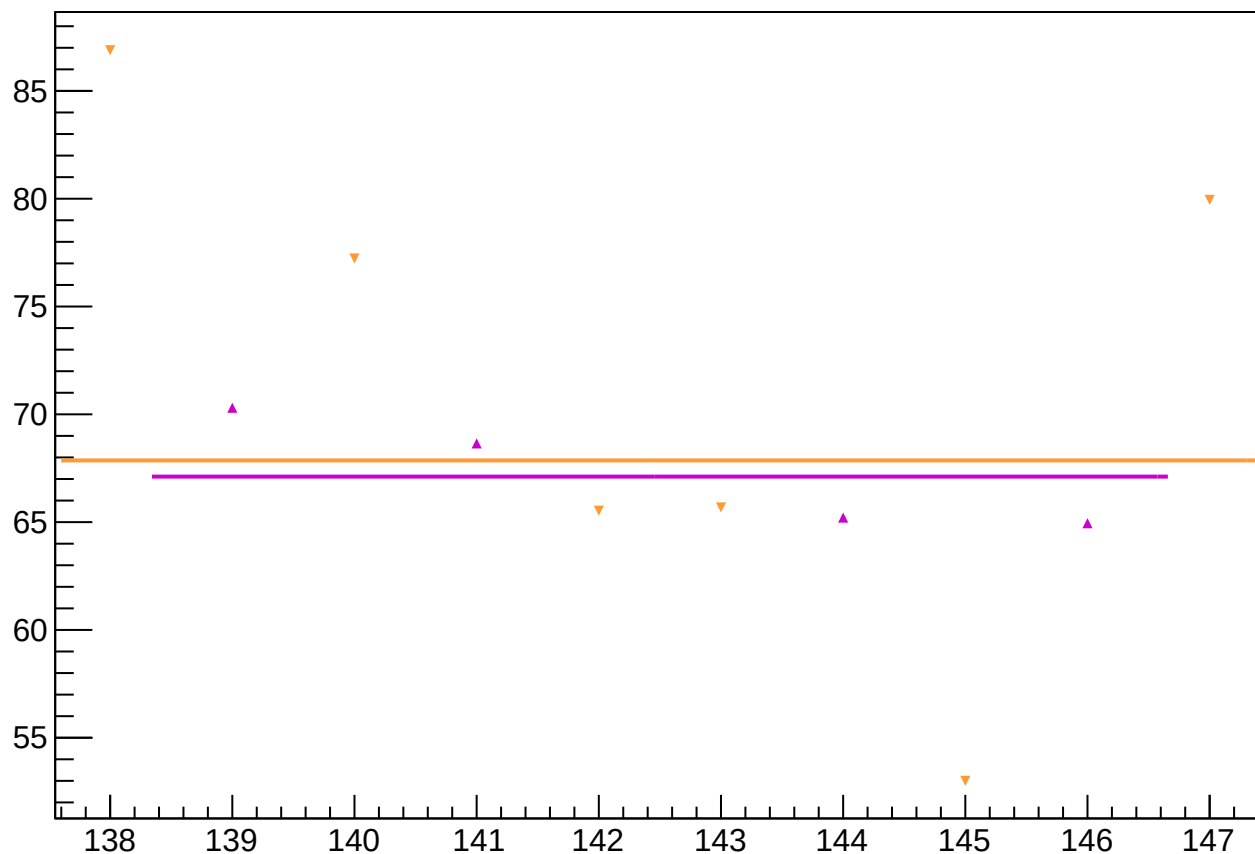
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.382+/-37.201 χ^2/NDF : 0.7/3

Out: 60.092+/-33.931 χ^2/NDF : 7.7/5

All: 44.783+/-25.069 χ^2/NDF : 8.8/9

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 67.863+/-0.024 χ^2/NDF :247636.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 67.111+/-0.026 χ^2/NDF :7282.5/3

Left: 67.521+/-0.018 χ^2/NDF : 255363.7/9

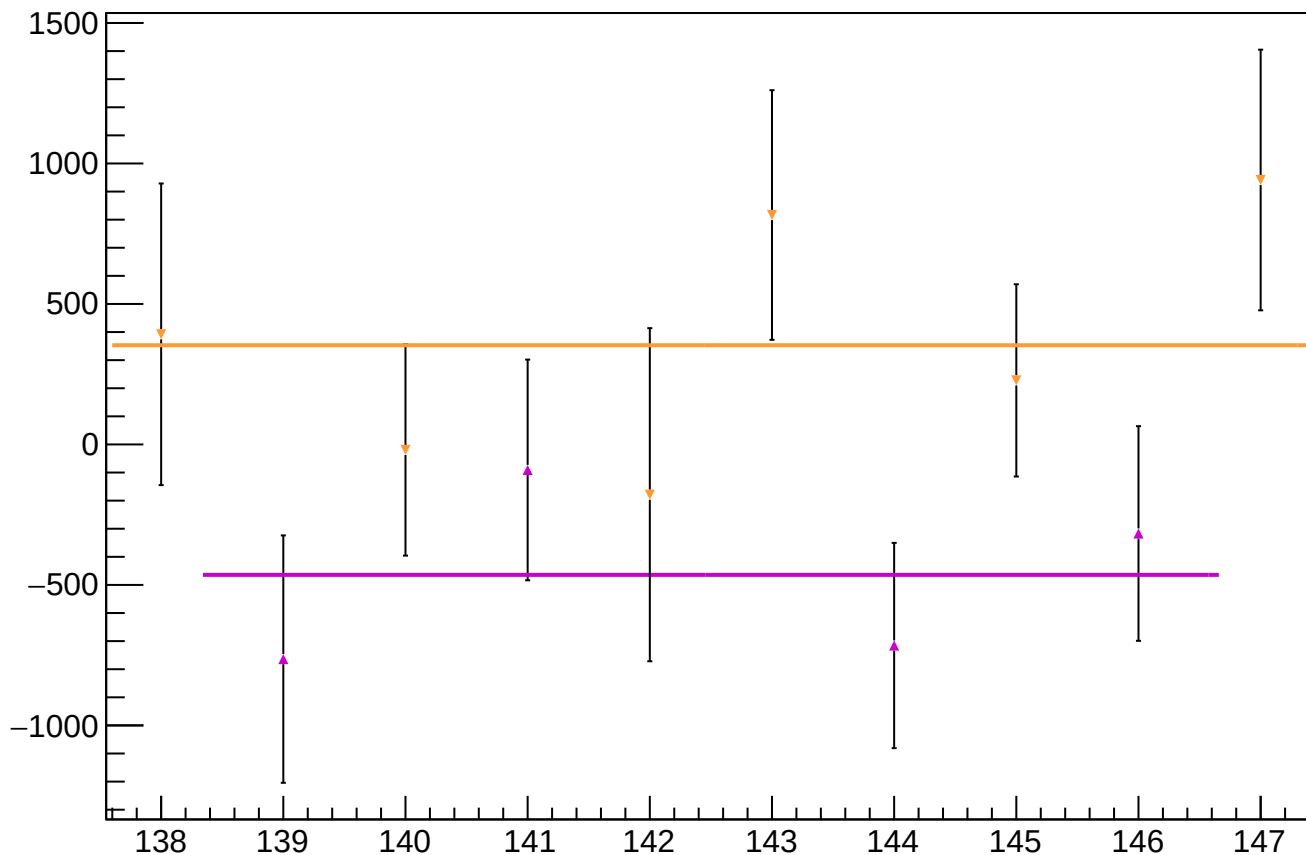
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 67.111+/-0.026 χ^2/NDF :7282.5/3

Out: 67.863+/-0.024 χ^2/NDF :247636.0/5

All: 67.521+/-0.018 χ^2/NDF : 255363.7/9

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: 353.060+/-177.758 χ^2/NDF : 4.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -464.226+/-196.157 χ^2/NDF : 2.0/3

Left: -15.467+/-131.720 χ^2/NDF : 16.1/9

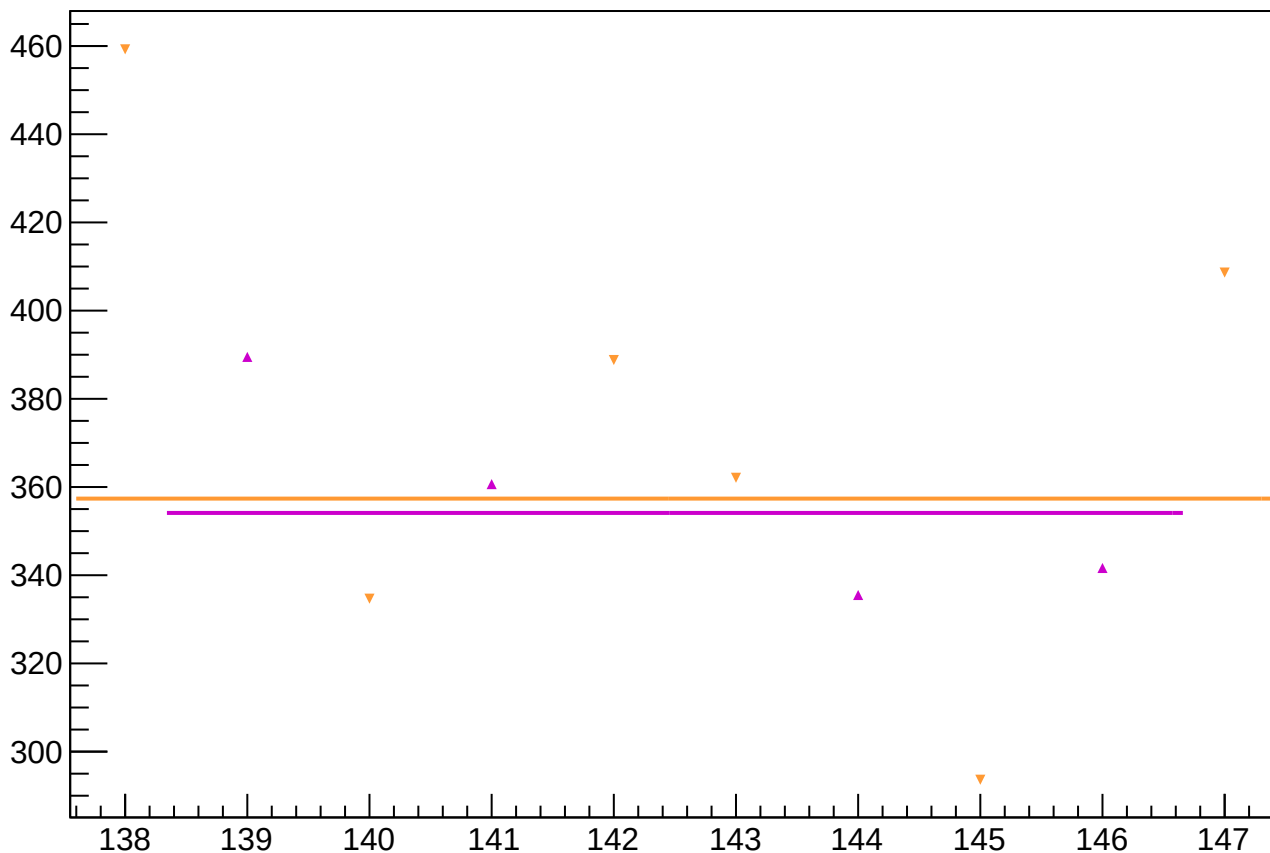
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -464.226+/-196.157 χ^2/NDF : 2.0/3

Out: 353.060+/-177.758 χ^2/NDF : 4.6/5

All: -15.467+/-131.720 χ^2/NDF : 16.1/9

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: 357.374+/-0.126 χ^2/NDF :179039.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 354.125+/-0.139 χ^2/NDF :20798.7/3

Left: 355.909+/-0.093 χ^2/NDF : 200139.8/9

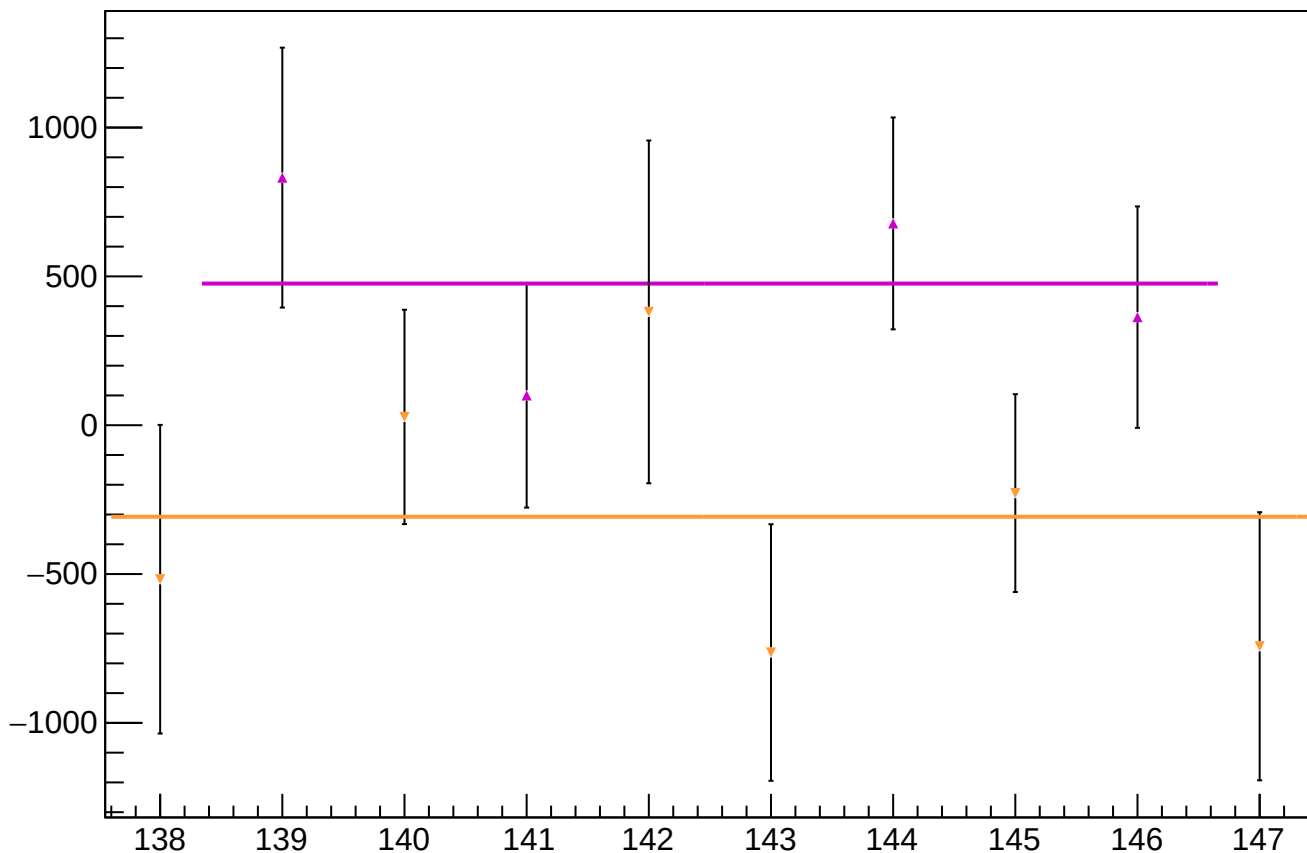
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.125+/-0.139 χ^2/NDF :20798.7/3

Out: 357.374+/-0.126 χ^2/NDF :179039.7/5

All: 355.909+/-0.093 χ^2/NDF : 200139.8/9

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -307.505+/-171.952 χ^2/NDF :4.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.855+/-190.993 χ^2/NDF :2.1/3

Left: 43.190+/-127.791 χ^2/NDF : 15.9/9

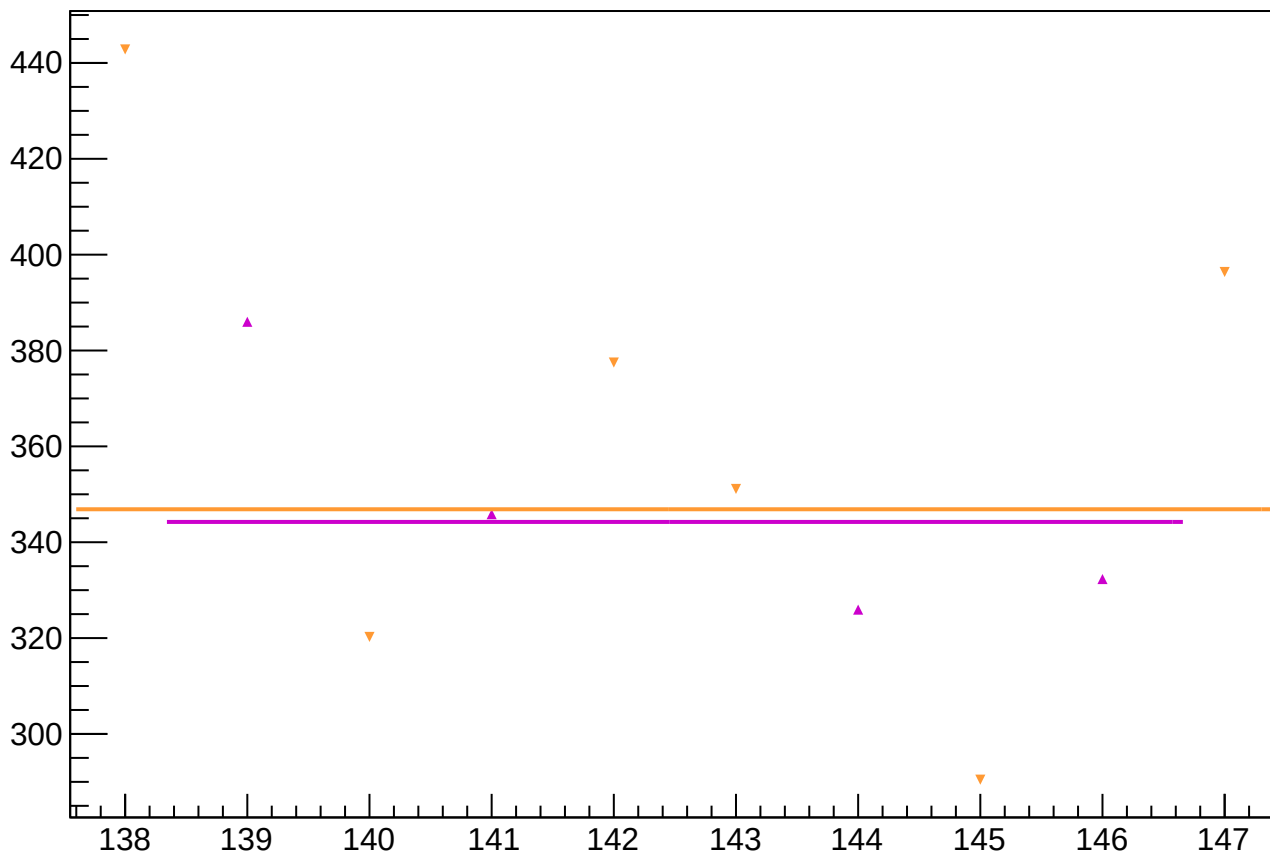
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.855+/-190.993 χ^2/NDF :2.1/3

Out: -307.505+/-171.952 χ^2/NDF :4.6/5

All: 43.190+/-127.791 χ^2/NDF : 15.9/9

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 346.877+/-0.122 χ^2/NDF :167110.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Left: 345.694+/-0.090 χ^2/NDF : 193000.6/9

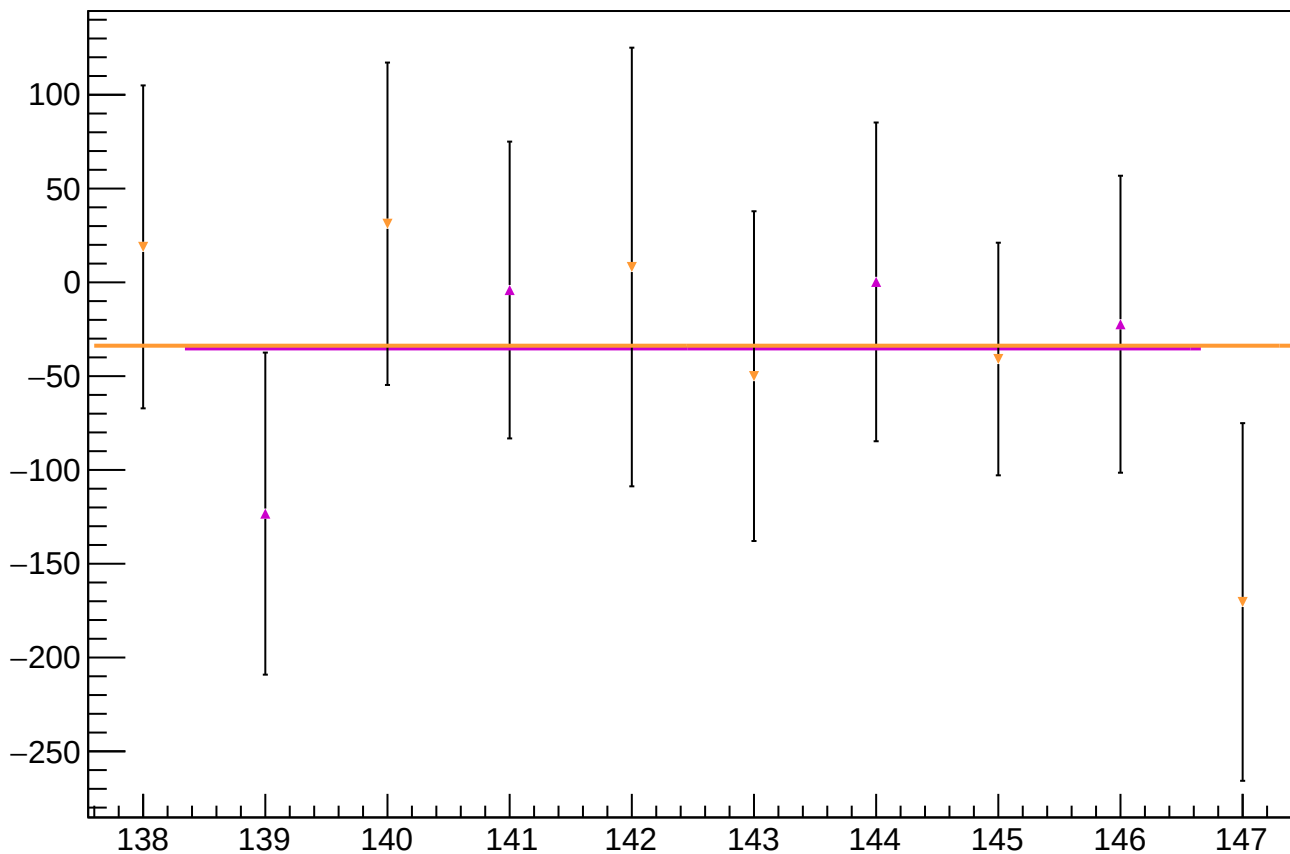
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Out: 346.877+/-0.122 χ^2/NDF :167110.8/5

All: 345.694+/-0.090 χ^2/NDF : 193000.6/9

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -33.766 $\pm$ -34.439 χ^2 /NDF:3.2/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -35.226 $\pm$ -41.044 χ^2 /NDF:1.4/3

Left: -34.369 $\pm$ -26.382 χ^2 /NDF: 4.6/9

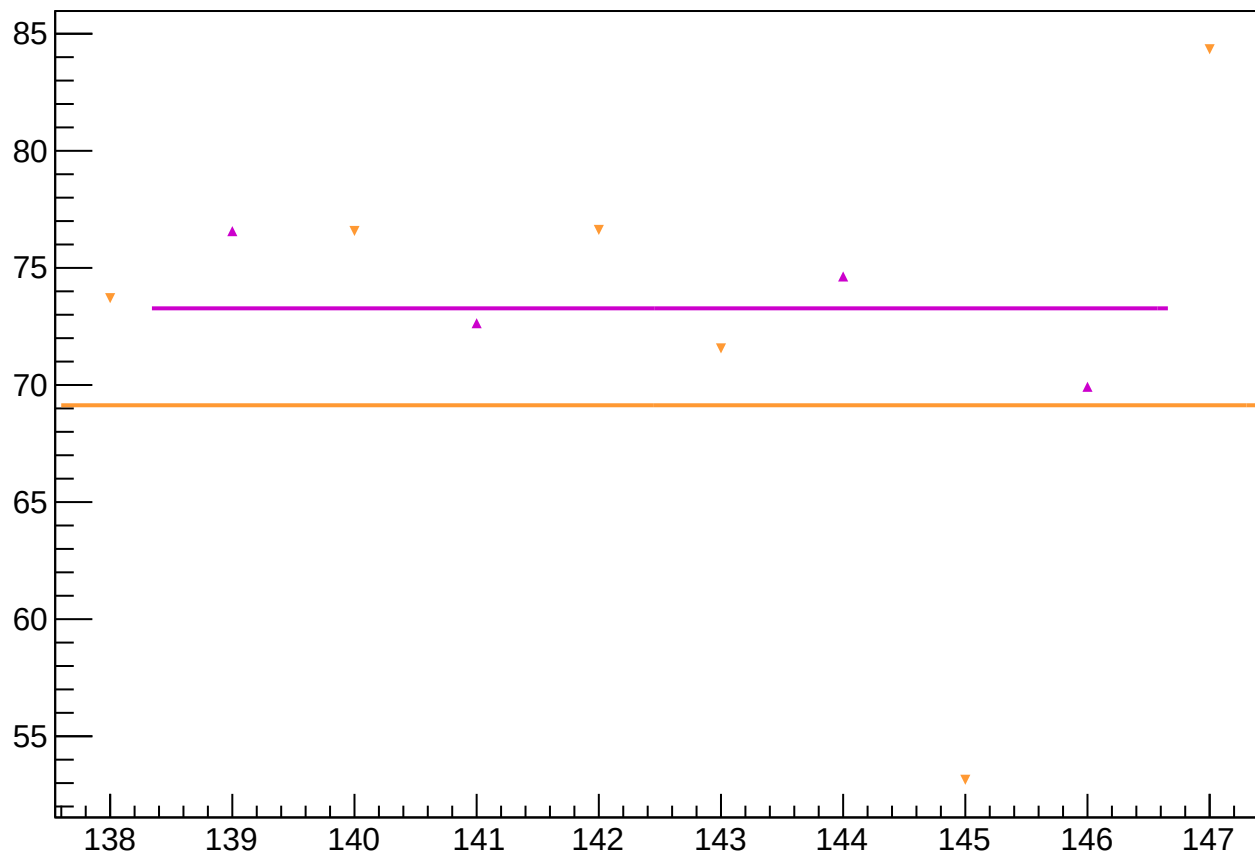
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -35.226 $\pm$ -41.044 χ^2 /NDF:1.4/3

Out: -33.766 $\pm$ -34.439 χ^2 /NDF:3.2/5

All: -34.369 $\pm$ -26.382 χ^2 /NDF: 4.6/9

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 69.134+/-0.024 χ^2/NDF : 214313.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 73.274+/-0.029 χ^2/NDF : 7172.7/3

Left: 70.845+/-0.019 χ^2/NDF : 233423.1/9

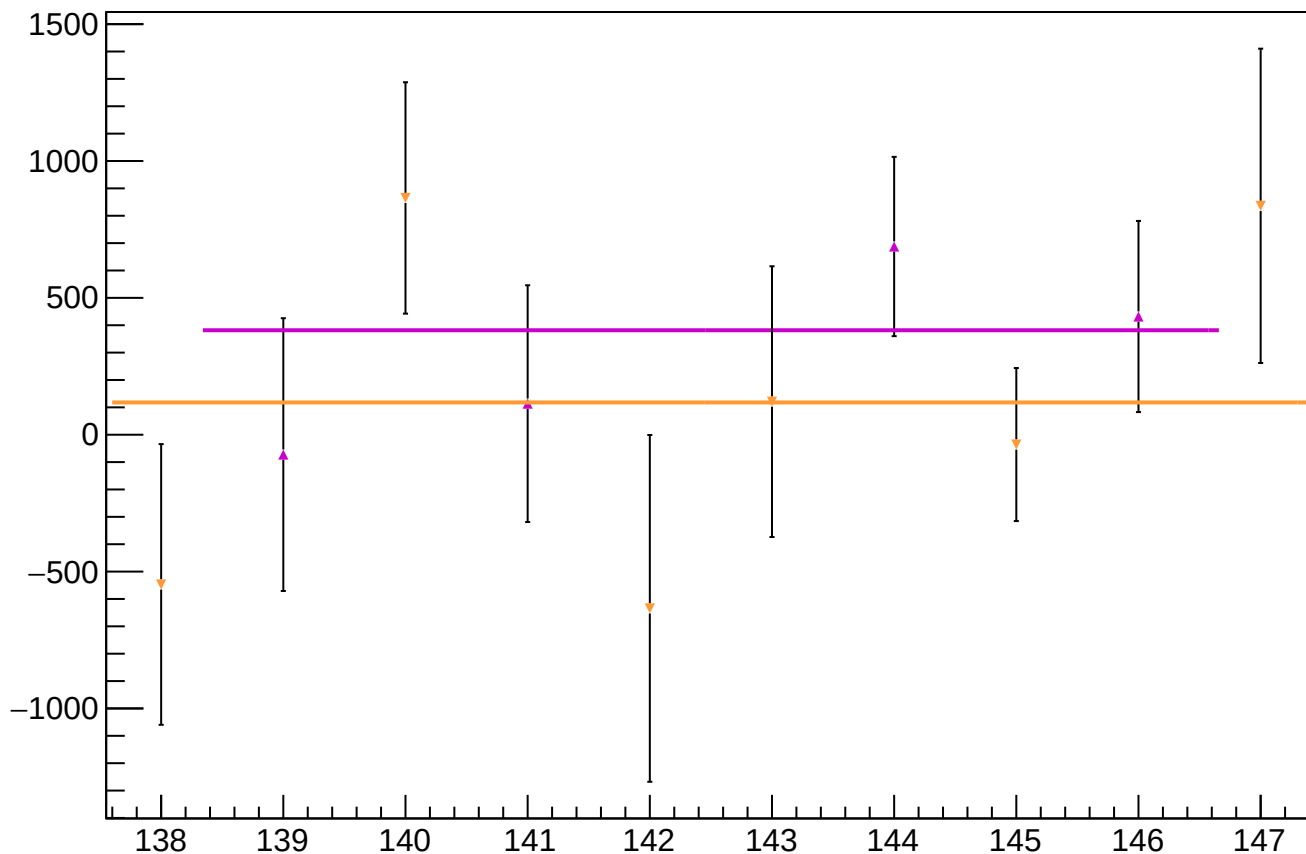
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 73.274+/-0.029 χ^2/NDF : 7172.7/3

Out: 69.134+/-0.024 χ^2/NDF : 214313.5/5

All: 70.845+/-0.019 χ^2/NDF : 233423.1/9

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: 117.948+/-177.304 χ^2/NDF : 8.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.694+/-192.814 χ^2/NDF : 2.1/3

Left: 238.788+/-130.512 χ^2/NDF : 11.2/9

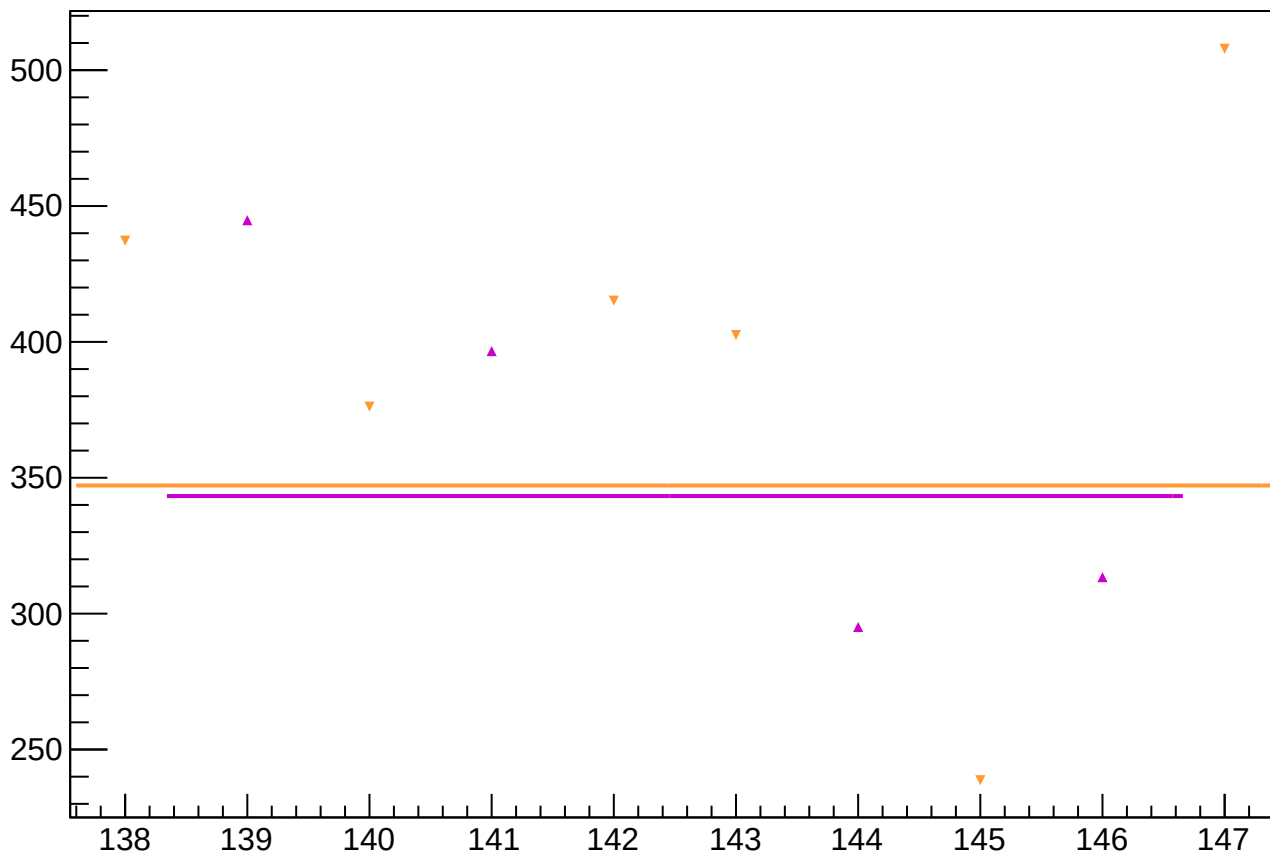
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.694+/-192.814 χ^2/NDF : 2.1/3

Out: 117.948+/-177.304 χ^2/NDF : 8.1/5

All: 238.788+/-130.512 χ^2/NDF : 11.2/9

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 347.159 $\pm$ 0.125 χ^2 /NDF:577095.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 343.272 $\pm$ 0.136 χ^2 /NDF:171325.3/3

Left: 345.378 $\pm$ 0.092 χ^2 /NDF: 748861.6/9

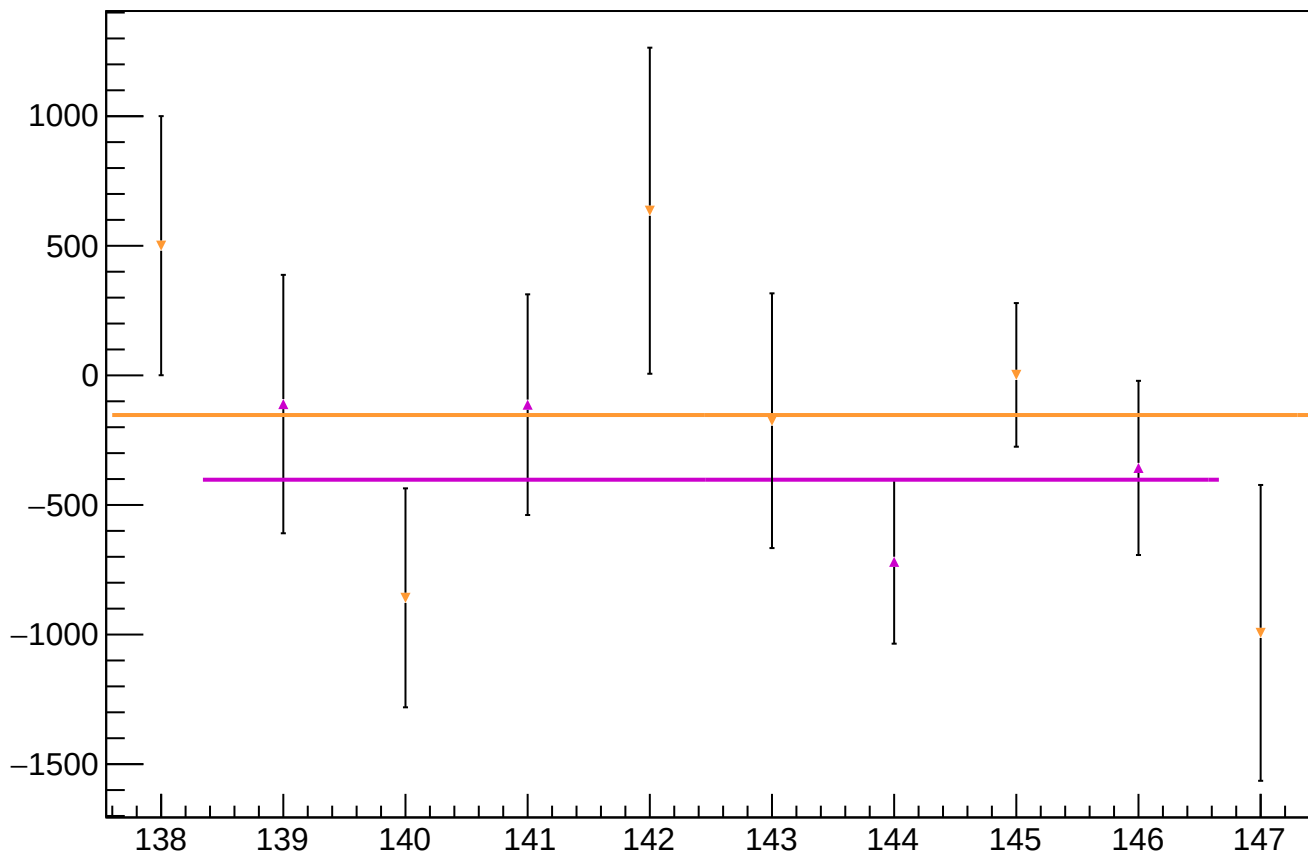
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 343.272 $\pm$ 0.136 χ^2 /NDF:171325.3/3

Out: 347.159 $\pm$ 0.125 χ^2 /NDF:577095.9/5

All: 345.378 $\pm$ 0.092 χ^2 /NDF: 748861.6/9

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -152.975+/-175.778 χ^2/NDF : 8.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -402.567+/-187.586 χ^2/NDF : 1.8/3

Left: -269.669+/-128.265 χ^2/NDF : 11.3/9

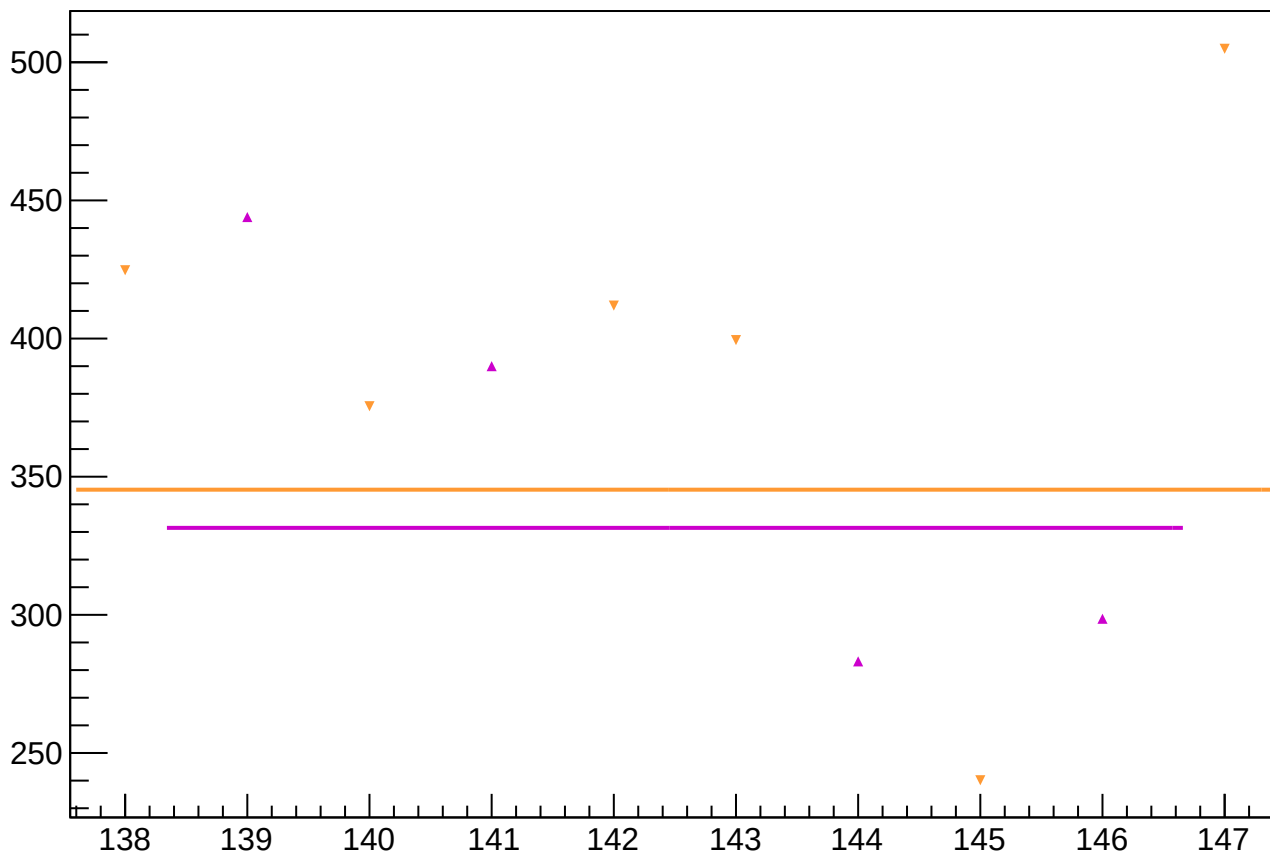
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -402.567+/-187.586 χ^2/NDF : 1.8/3

Out: -152.975+/-175.778 χ^2/NDF : 8.6/5

All: -269.669+/-128.265 χ^2/NDF : 11.3/9

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 345.302+/-0.124 χ^2/NDF :551840.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 331.480+/-0.133 χ^2/NDF :205601.6/3

Left: 338.840+/-0.091 χ^2/NDF : 763223.7/9

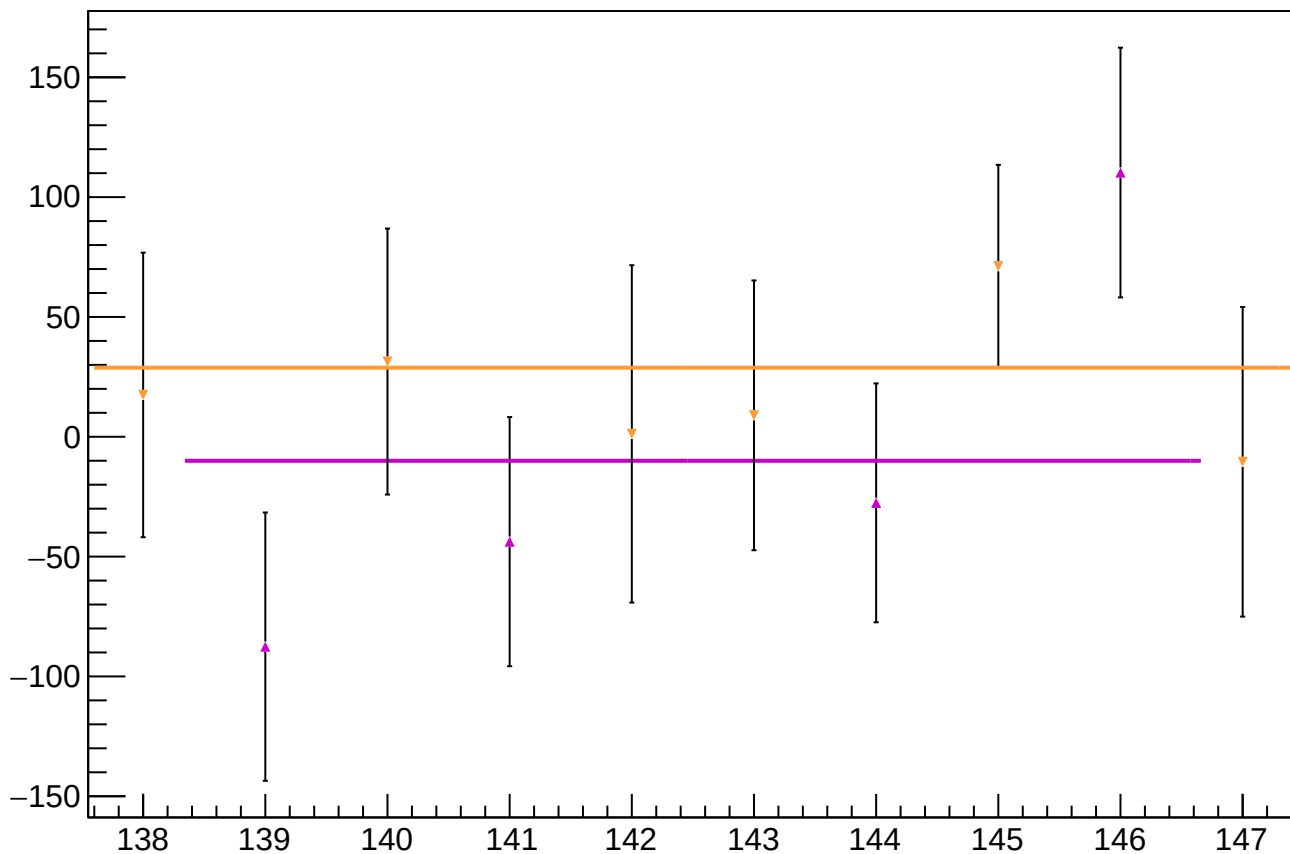
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.480+/-0.133 χ^2/NDF :205601.6/3

Out: 345.302+/-0.124 χ^2/NDF :551840.8/5

All: 338.840+/-0.091 χ^2/NDF : 763223.7/9

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 28.831+/-22.795 χ^2/NDF :1.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.021+/-26.172 χ^2/NDF :7.8/3

Left: 12.072+/-17.189 χ^2/NDF : 10.7/9

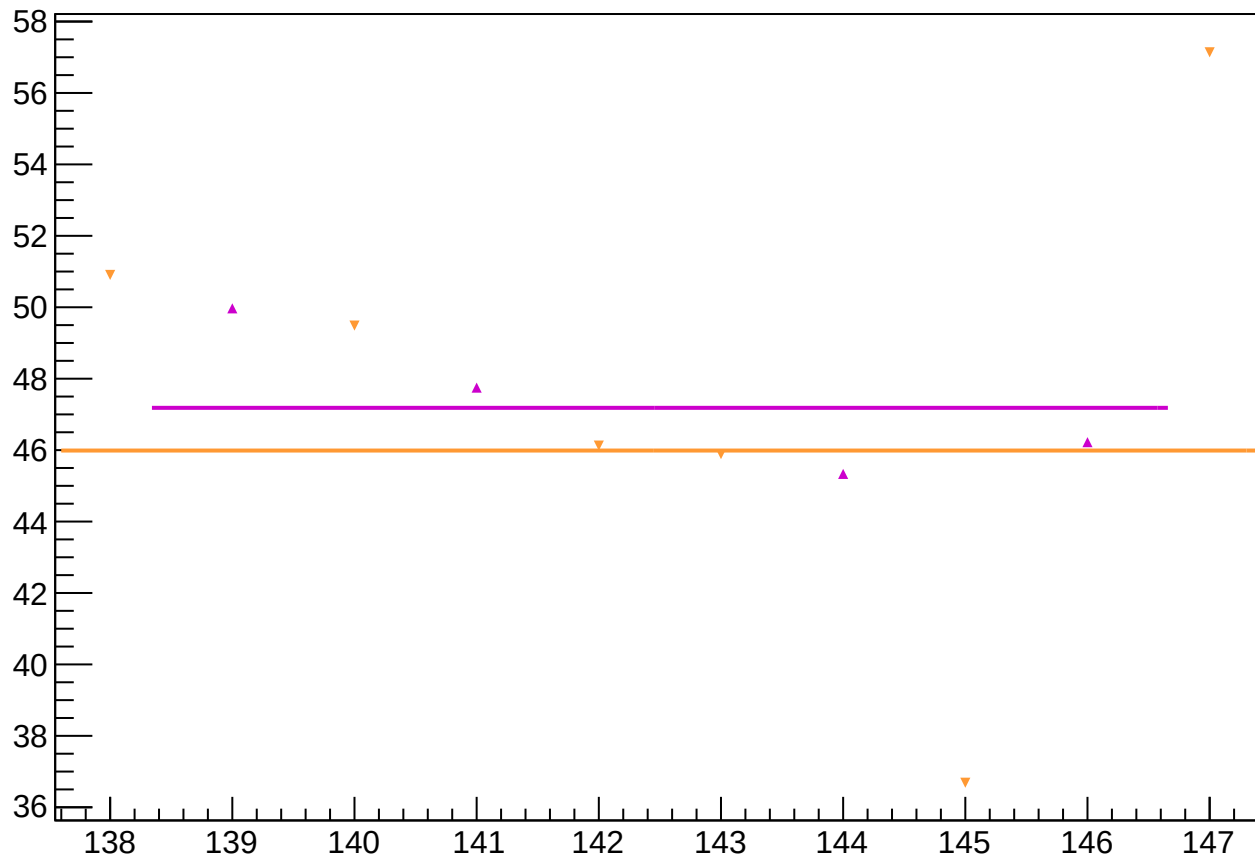
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.021+/-26.172 χ^2/NDF :7.8/3

Out: 28.831+/-22.795 χ^2/NDF :1.7/5

All: 12.072+/-17.189 χ^2/NDF : 10.7/9

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 45.988+/-0.016 χ^2/NDF :177998.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.184+/-0.019 χ^2/NDF :8624.5/3

Left: 46.504+/-0.012 χ^2/NDF : 188996.4/9

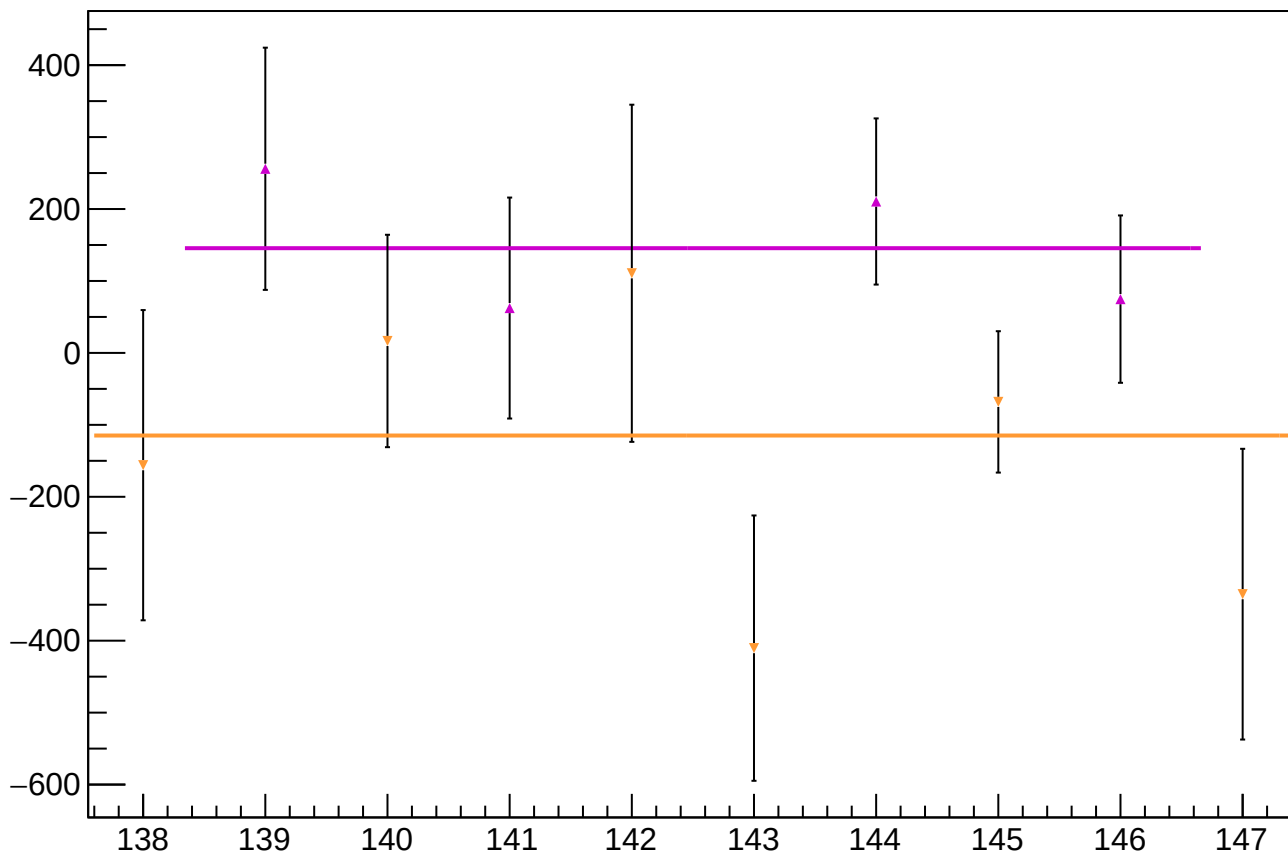
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.184+/-0.019 χ^2/NDF :8624.5/3

Out: 45.988+/-0.016 χ^2/NDF :177998.0/5

All: 46.504+/-0.012 χ^2/NDF : 188996.4/9

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -114.830 $\pm$ 64.138 χ^2 /NDF:5.7/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 145.564 $\pm$ 66.433 χ^2 /NDF:1.4/3

Left: 10.792 $\pm$ 46.143 χ^2 /NDF: 15.1/9

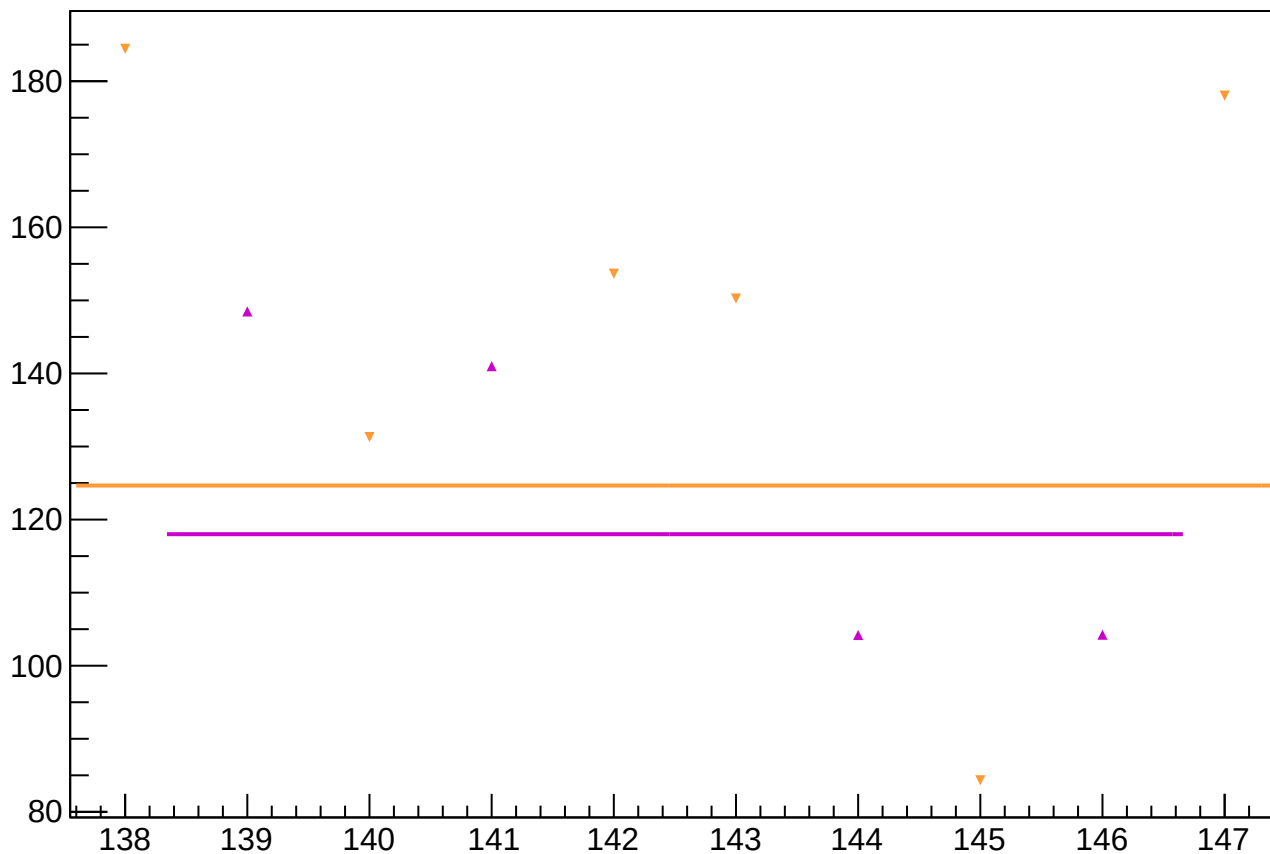
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 145.564 $\pm$ 66.433 χ^2 /NDF:1.4/3

Out: -114.830 $\pm$ 64.138 χ^2 /NDF:5.7/5

All: 10.792 $\pm$ 46.143 χ^2 /NDF: 15.1/9

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 124.661+/-0.045 χ^2/NDF :703585.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 118.001+/-0.047 χ^2/NDF :166966.2/3

Left: 121.448+/-0.033 χ^2/NDF : 880953.4/9

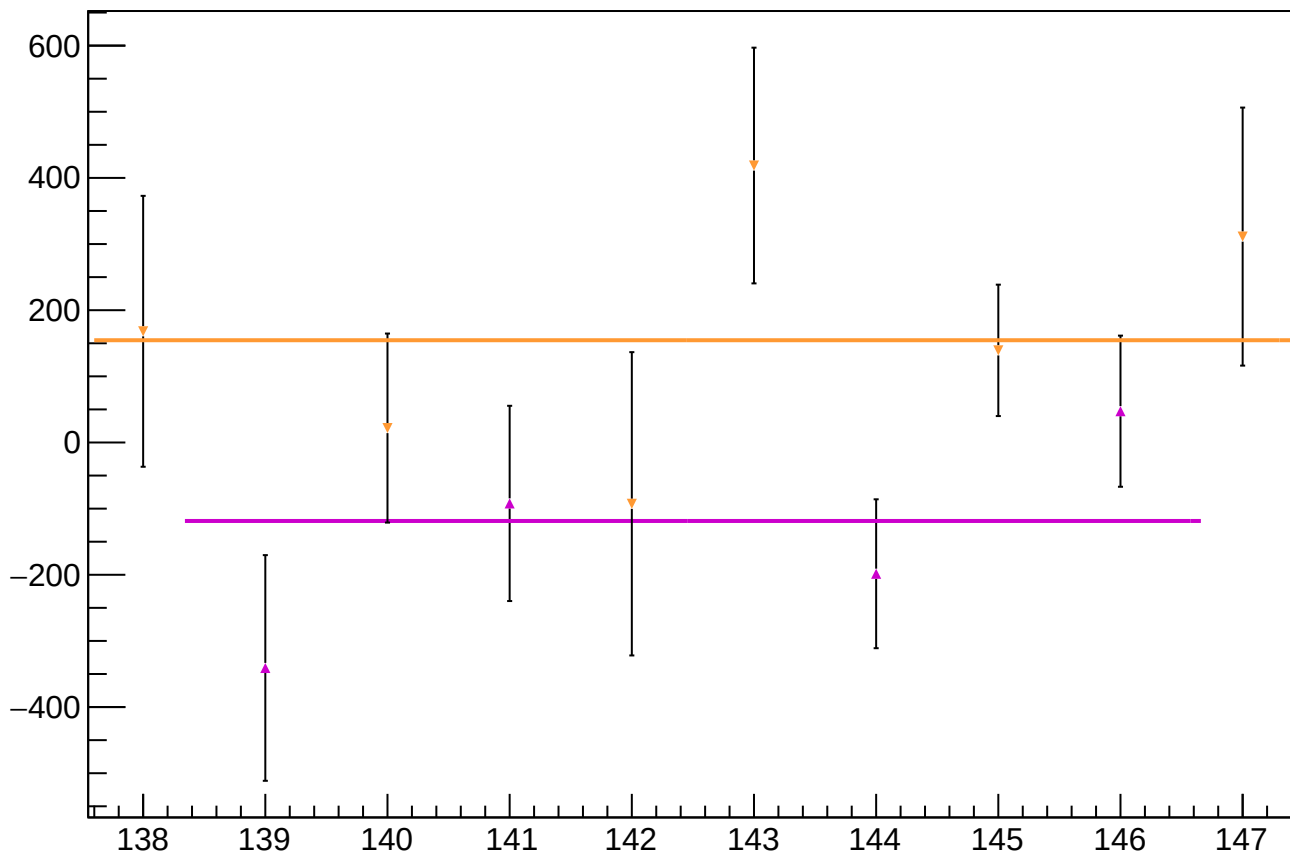
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 118.001+/-0.047 χ^2/NDF :166966.2/3

Out: 124.661+/-0.045 χ^2/NDF :703585.3/5

All: 121.448+/-0.033 χ^2/NDF : 880953.4/9

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 154.597 $\pm$ 63.121 χ^2 /NDF:4.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -118.653 $\pm$ 65.119 χ^2 /NDF:4.3/3

Left: 22.228 $\pm$ 45.323 χ^2 /NDF: 18.3/9

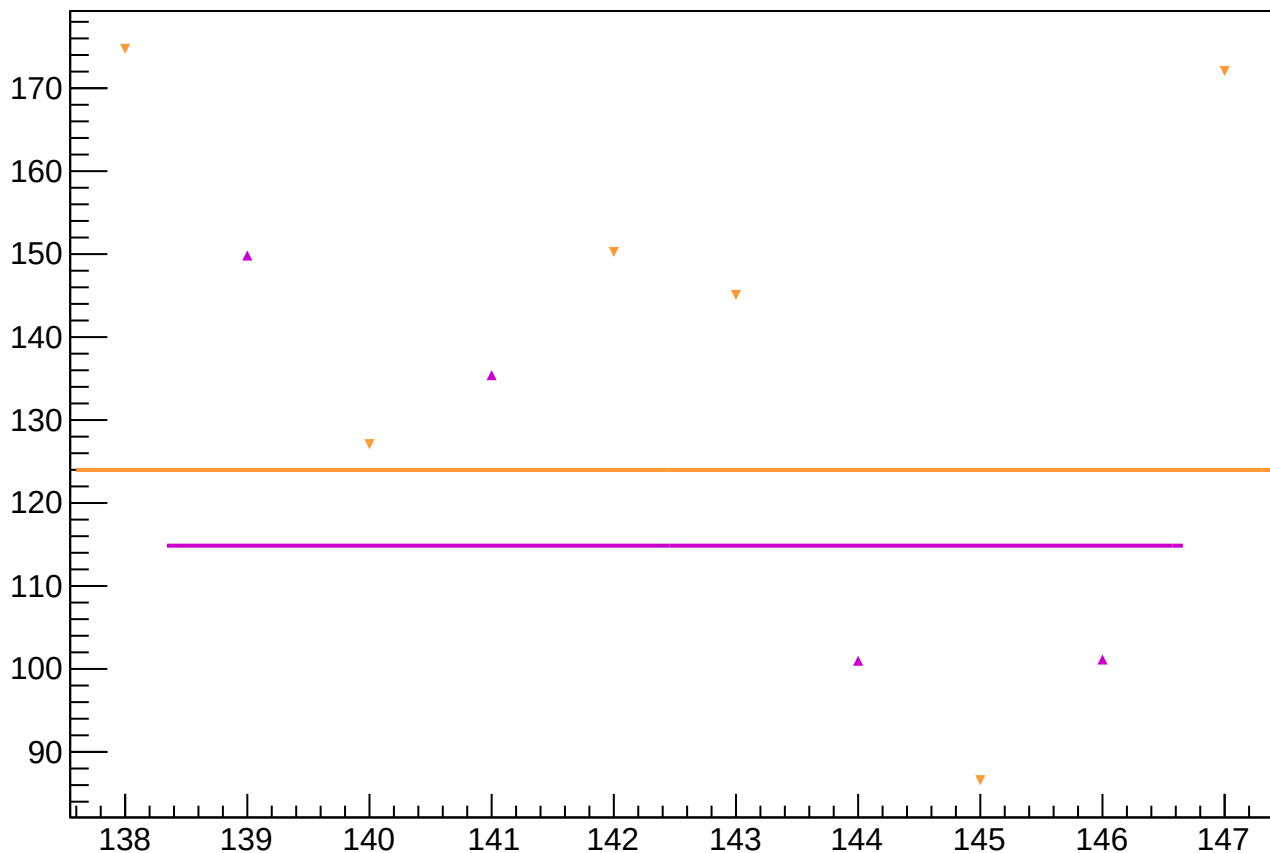
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -118.653 $\pm$ 65.119 χ^2 /NDF:4.3/3

Out: 154.597 $\pm$ 63.121 χ^2 /NDF:4.9/5

All: 22.228 $\pm$ 45.323 χ^2 /NDF: 18.3/9

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 123.984+/-0.045 χ^2/NDF : 583143.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Left: 119.564+/-0.032 χ^2/NDF : 785435.8/9

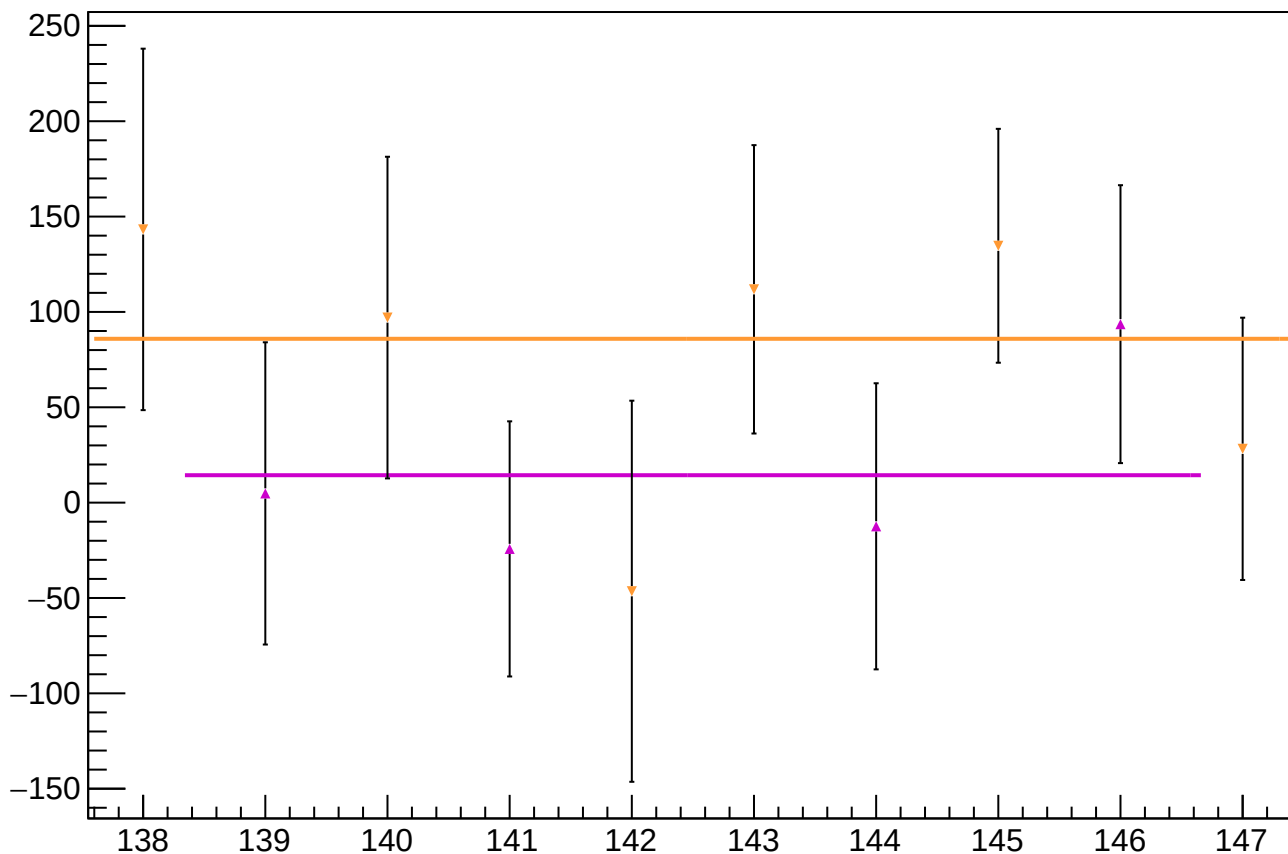
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Out: 123.984+/-0.045 χ^2/NDF : 583143.5/5

All: 119.564+/-0.032 χ^2/NDF : 785435.8/9

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 85.912 $\pm$ 31.552 χ^2 /NDF:3.6/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 14.380 $\pm$ 36.544 χ^2 /NDF:1.7/3

Left: 55.362 $\pm$ 23.882 χ^2 /NDF: 7.4/9

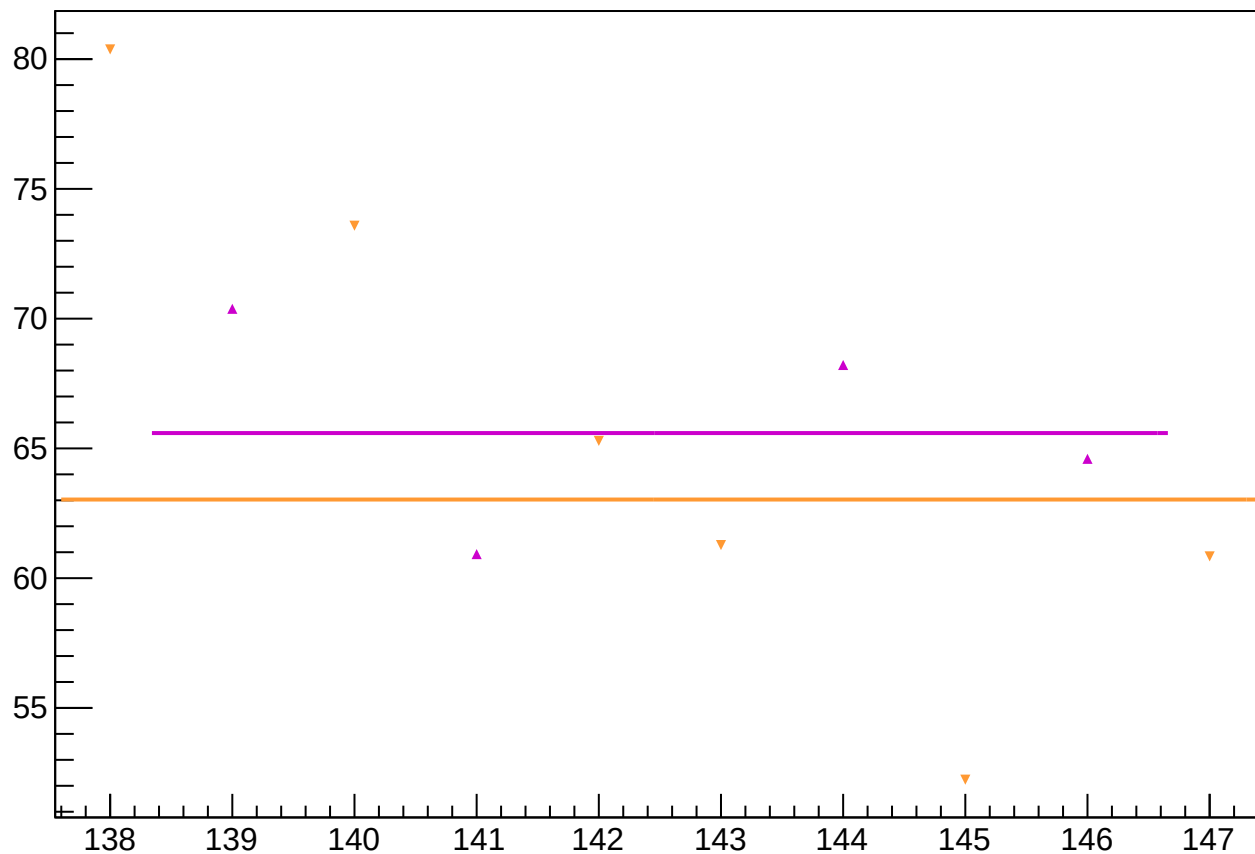
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 14.380 $\pm$ 36.544 χ^2 /NDF:1.7/3

Out: 85.912 $\pm$ 31.552 χ^2 /NDF:3.6/5

All: 55.362 $\pm$ 23.882 χ^2 /NDF: 7.4/9

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 63.030+/-0.022 χ^2/NDF :164399.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.591+/-0.026 χ^2/NDF :19841.8/3

Left: 64.124+/-0.017 χ^2/NDF : 189869.0/9

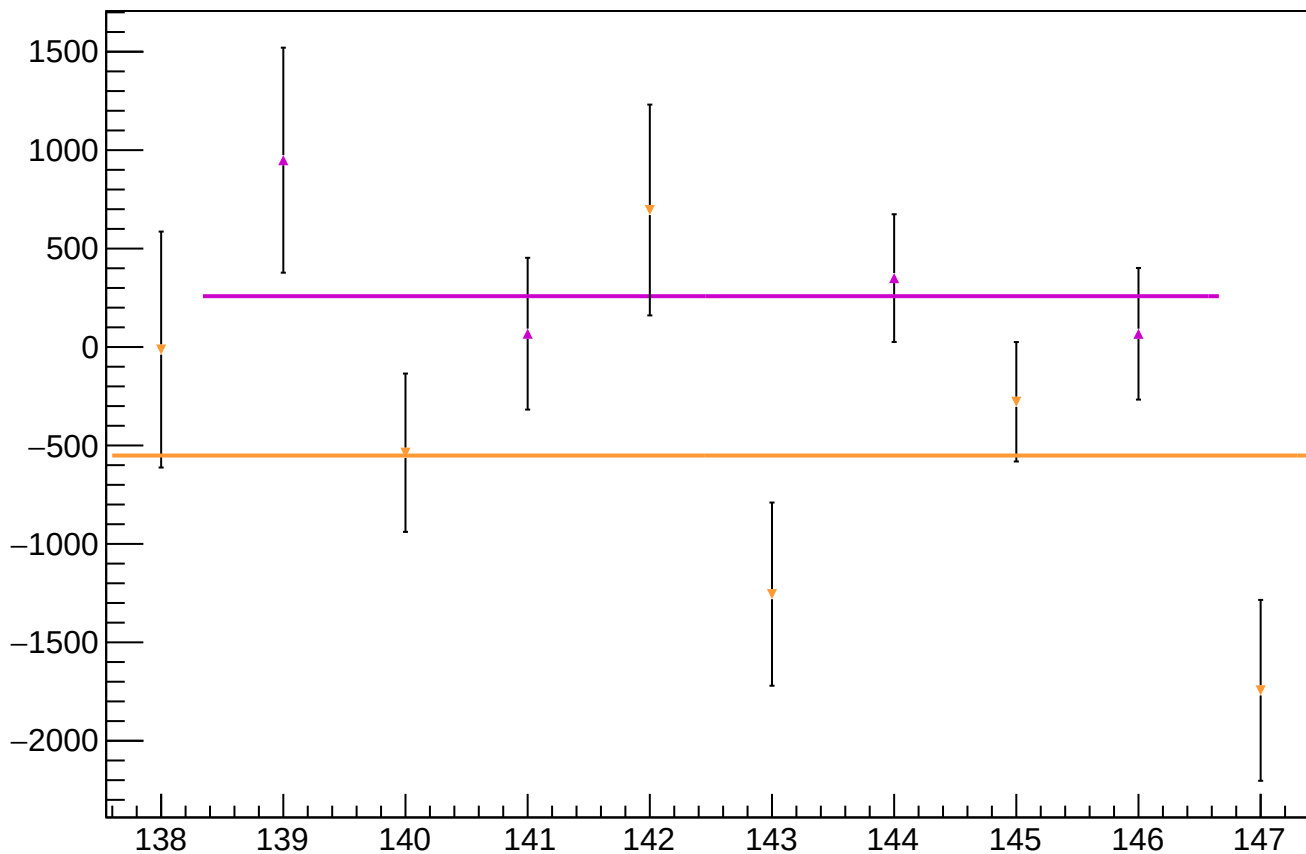
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.591+/-0.026 χ^2/NDF :19841.8/3

Out: 63.030+/-0.022 χ^2/NDF :164399.2/5

All: 64.124+/-0.017 χ^2/NDF : 189869.0/9

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -551.054+/-174.903 χ^2/NDF :16.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.149+/-188.145 χ^2/NDF :2.1/3

Left: -175.930+/-128.101 χ^2/NDF : 28.1/9

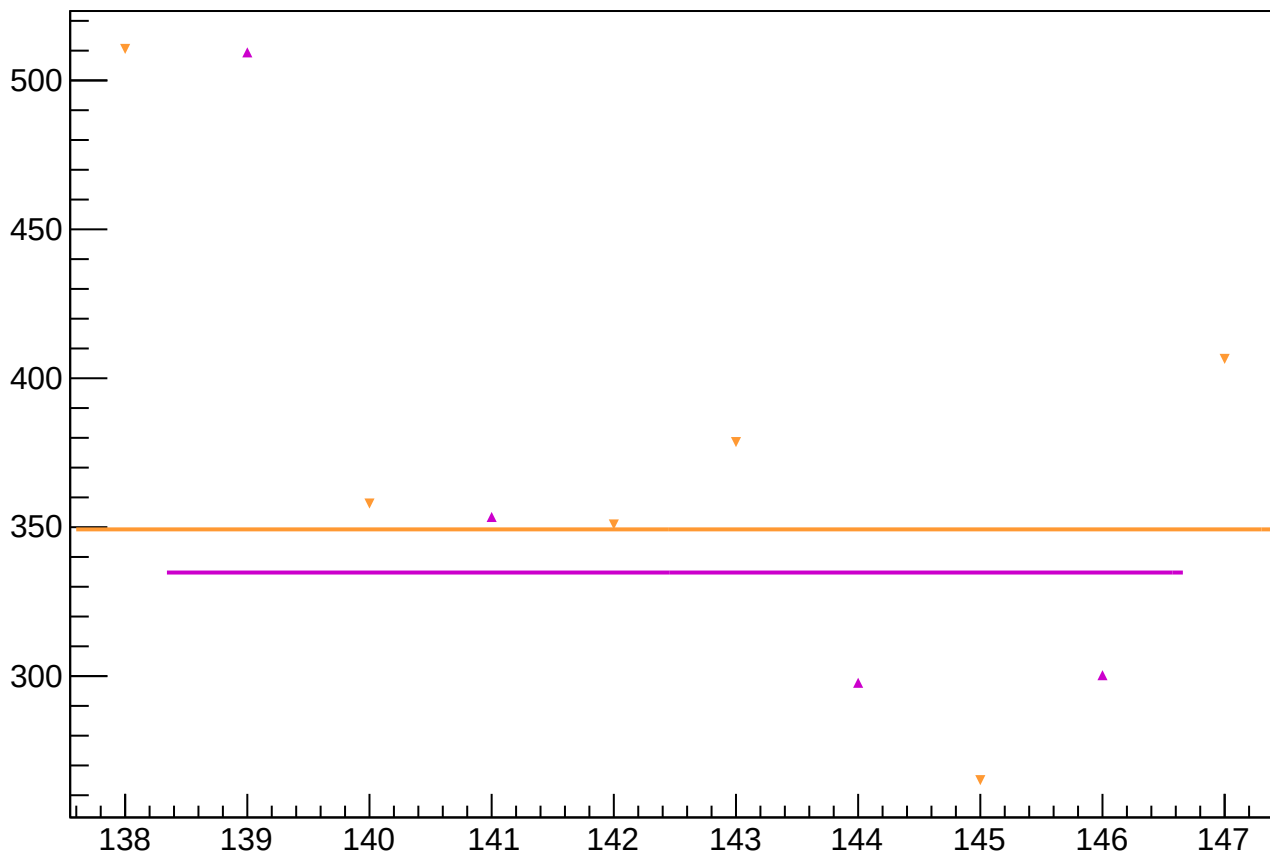
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.149+/-188.145 χ^2/NDF :2.1/3

Out: -551.054+/-174.903 χ^2/NDF :16.1/5

All: -175.930+/-128.101 χ^2/NDF : 28.1/9

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 349.265+/-0.124 χ^2/NDF :339028.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 334.775+/-0.133 χ^2/NDF :238796.5/3

Left: 342.547+/-0.091 χ^2/NDF : 584188.3/9

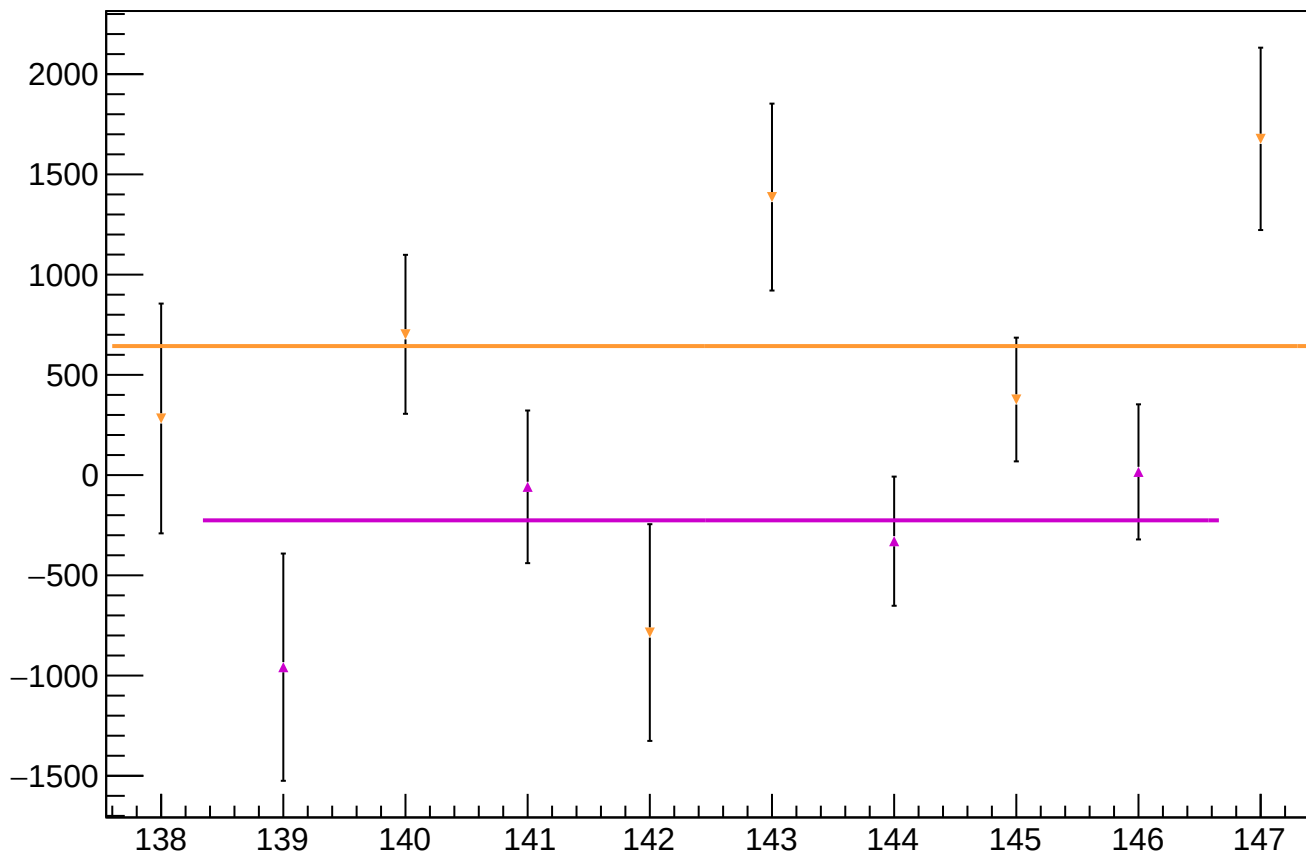
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 334.775+/-0.133 χ^2/NDF :238796.5/3

Out: 349.265+/-0.124 χ^2/NDF :339028.3/5

All: 342.547+/-0.091 χ^2/NDF : 584188.3/9

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 643.576 ± 174.704 $\chi^2/\text{NDF}: 15.9/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -225.731 ± 187.480 $\chi^2/\text{NDF}: 2.5/3$

Left: 239.548 ± 127.812 $\chi^2/\text{NDF}: 29.8/9$

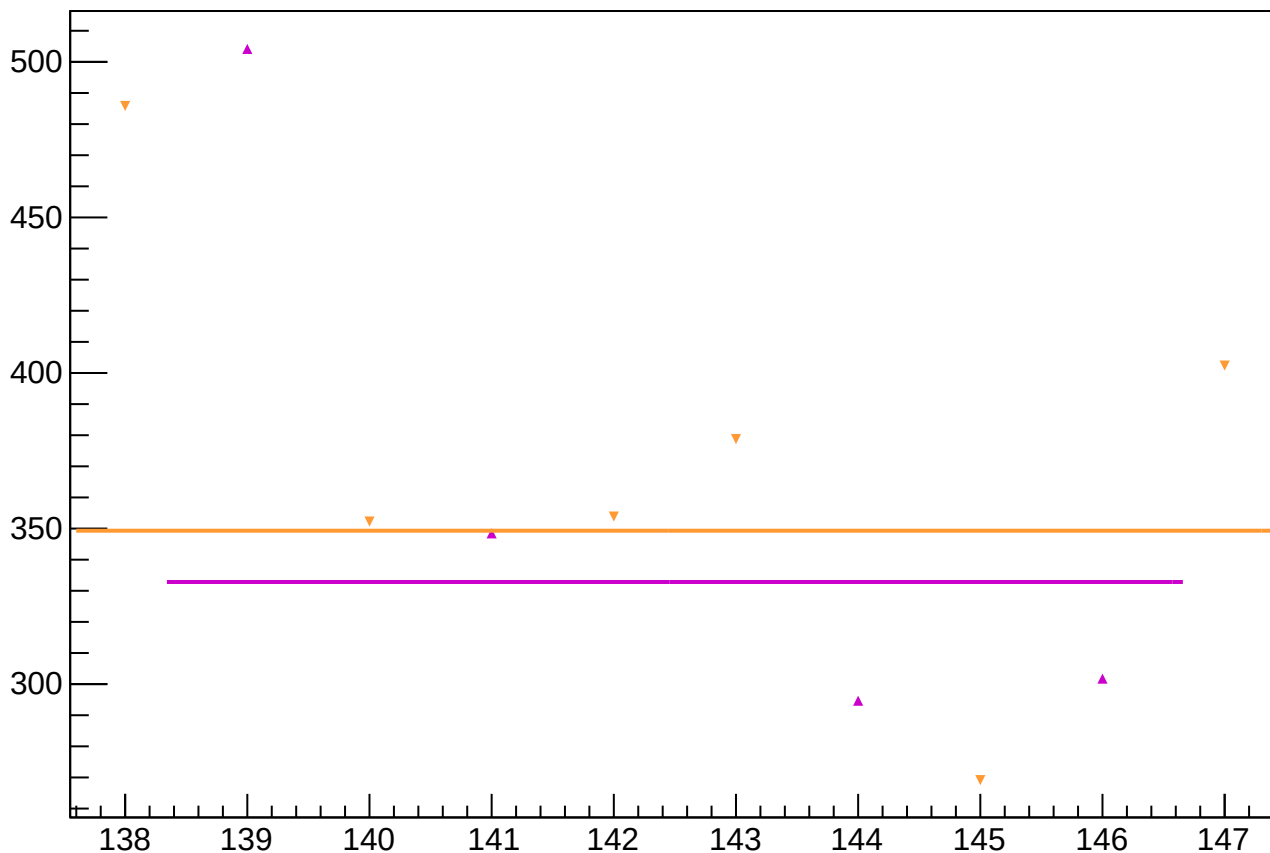
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -225.731 ± 187.480 $\chi^2/\text{NDF}: 2.5/3$

Out: 643.576 ± 174.704 $\chi^2/\text{NDF}: 15.9/5$

All: 239.548 ± 127.812 $\chi^2/\text{NDF}: 29.8/9$

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 349.313+/-0.124 χ^2/NDF :283928.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 332.827+/-0.133 χ^2/NDF :231188.7/3

Left: 341.651+/-0.090 χ^2/NDF : 523394.5/9

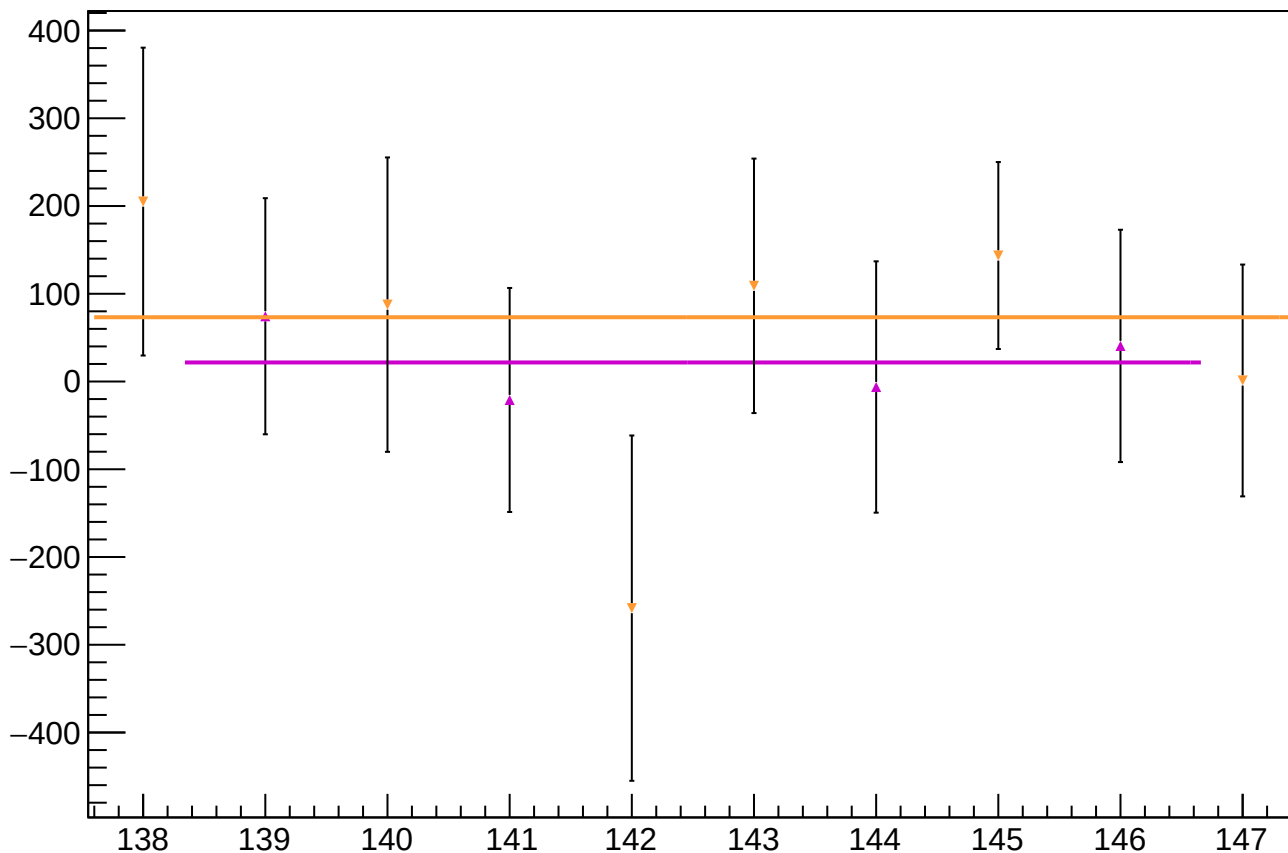
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 332.827+/-0.133 χ^2/NDF :231188.7/3

Out: 349.313+/-0.124 χ^2/NDF :283928.2/5

All: 341.651+/-0.090 χ^2/NDF : 523394.5/9

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 73.249 $\pm$ 59.046 χ^2 /NDF:4.2/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 21.714 $\pm$ 67.052 χ^2 /NDF:0.3/3

Left: 50.740 $\pm$ 44.313 χ^2 /NDF: 4.9/9

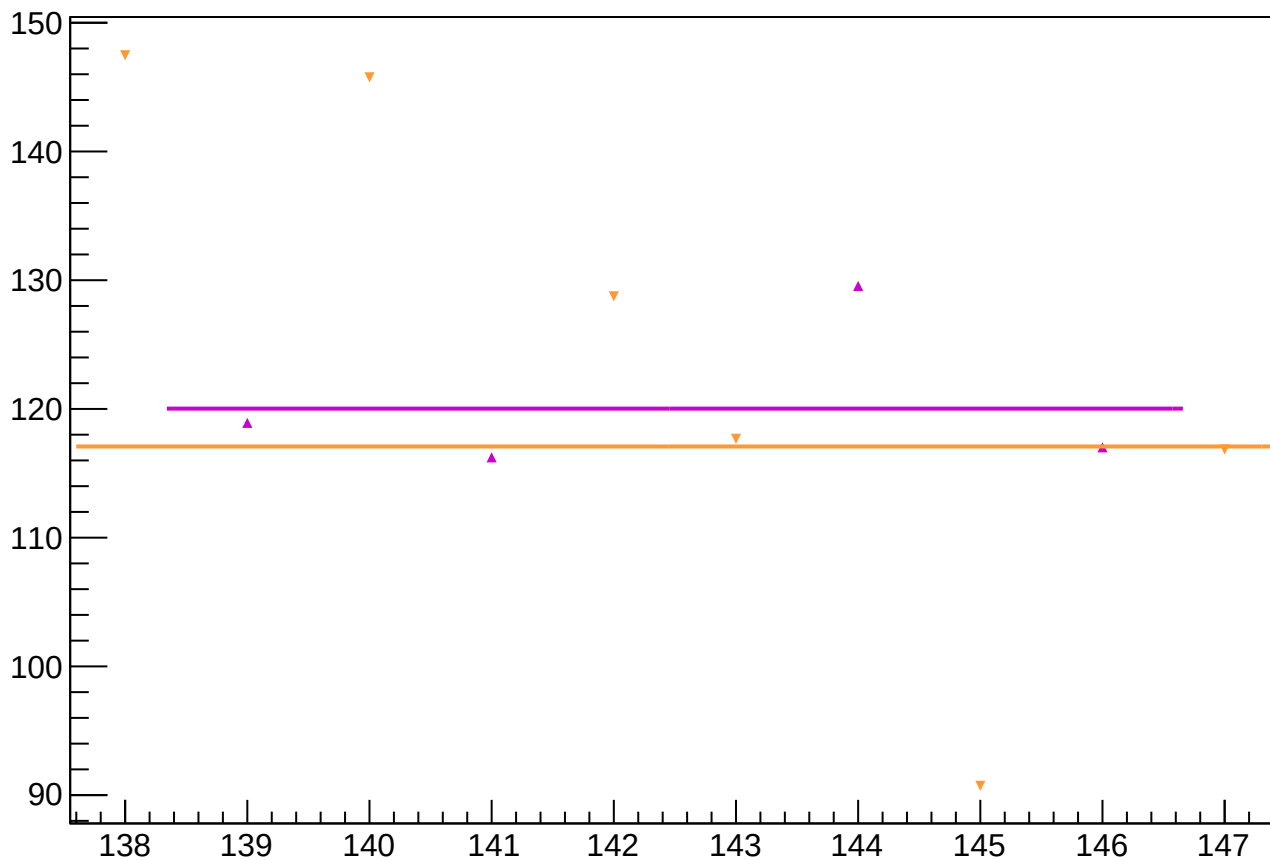
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 21.714 $\pm$ 67.052 χ^2 /NDF:0.3/3

Out: 73.249 $\pm$ 59.046 χ^2 /NDF:4.2/5

All: 50.740 $\pm$ 44.313 χ^2 /NDF: 4.9/9

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 117.084+/-0.042 χ^2/NDF :247983.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.025+/-0.047 χ^2/NDF :11782.3/3

Left: 118.369+/-0.031 χ^2/NDF : 261933.7/9

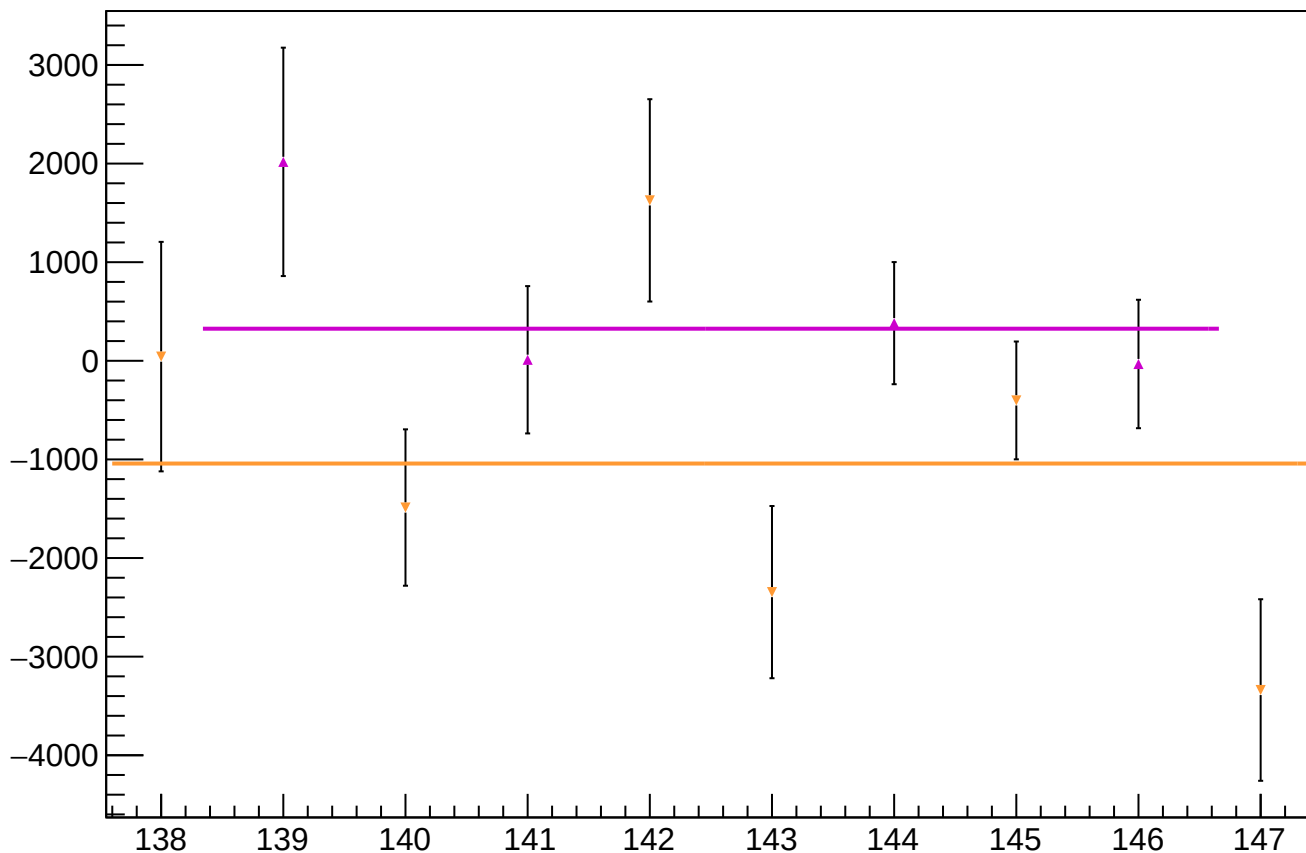
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.025+/-0.047 χ^2/NDF :11782.3/3

Out: 117.084+/-0.042 χ^2/NDF :247983.7/5

All: 118.369+/-0.031 χ^2/NDF : 261933.7/9

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1041.858+/-341.545 χ^2/NDF :17.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 325.499+/-365.065 χ^2/NDF :2.6/3

Left: -403.643+/-249.410 χ^2/NDF : 27.7/9

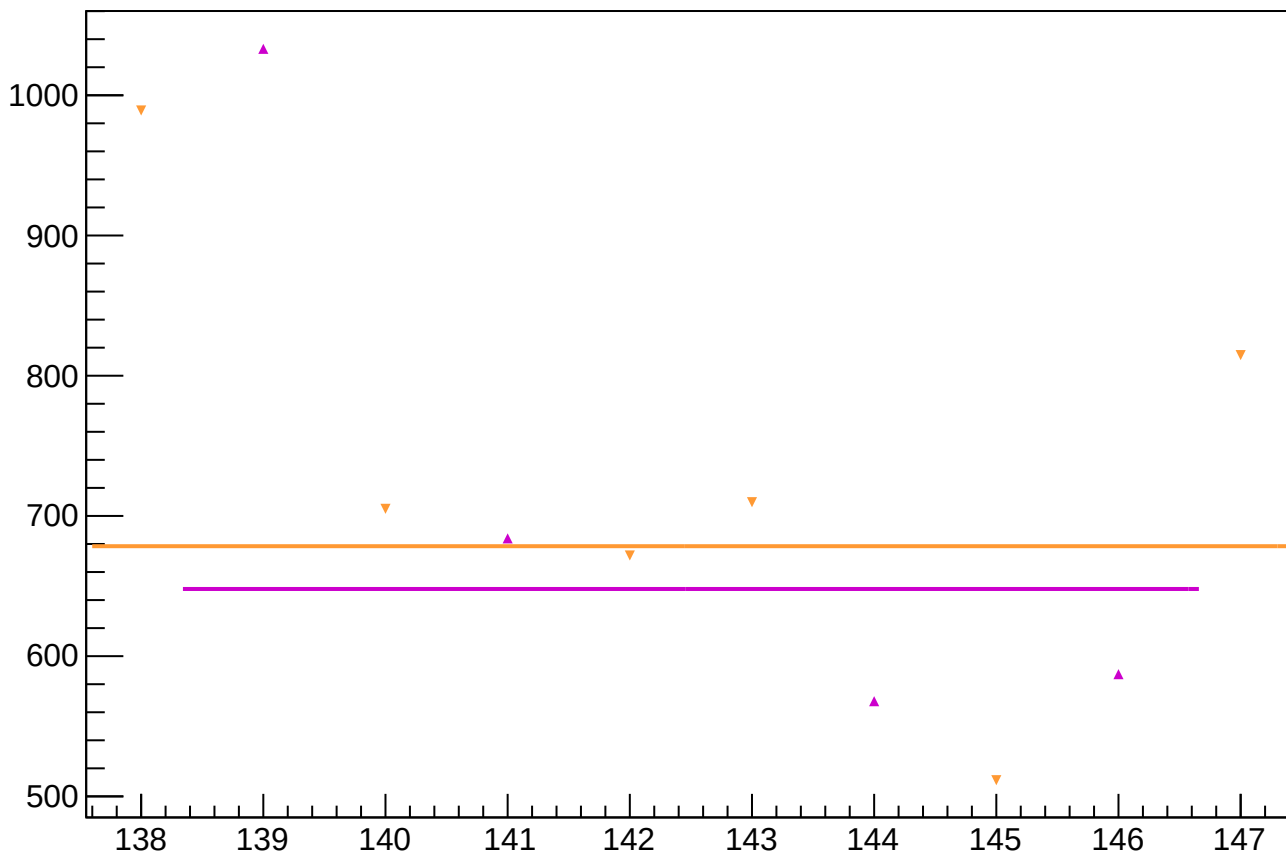
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 325.499+/-365.065 χ^2/NDF :2.6/3

Out: -1041.858+/-341.545 χ^2/NDF :17.6/5

All: -403.643+/-249.410 χ^2/NDF : 27.7/9

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 678.421+/-0.242 χ^2/NDF : 347437.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 647.914+/-0.258 χ^2/NDF : 276776.8/3

Left: 664.182+/-0.176 χ^2/NDF : 631661.6/9

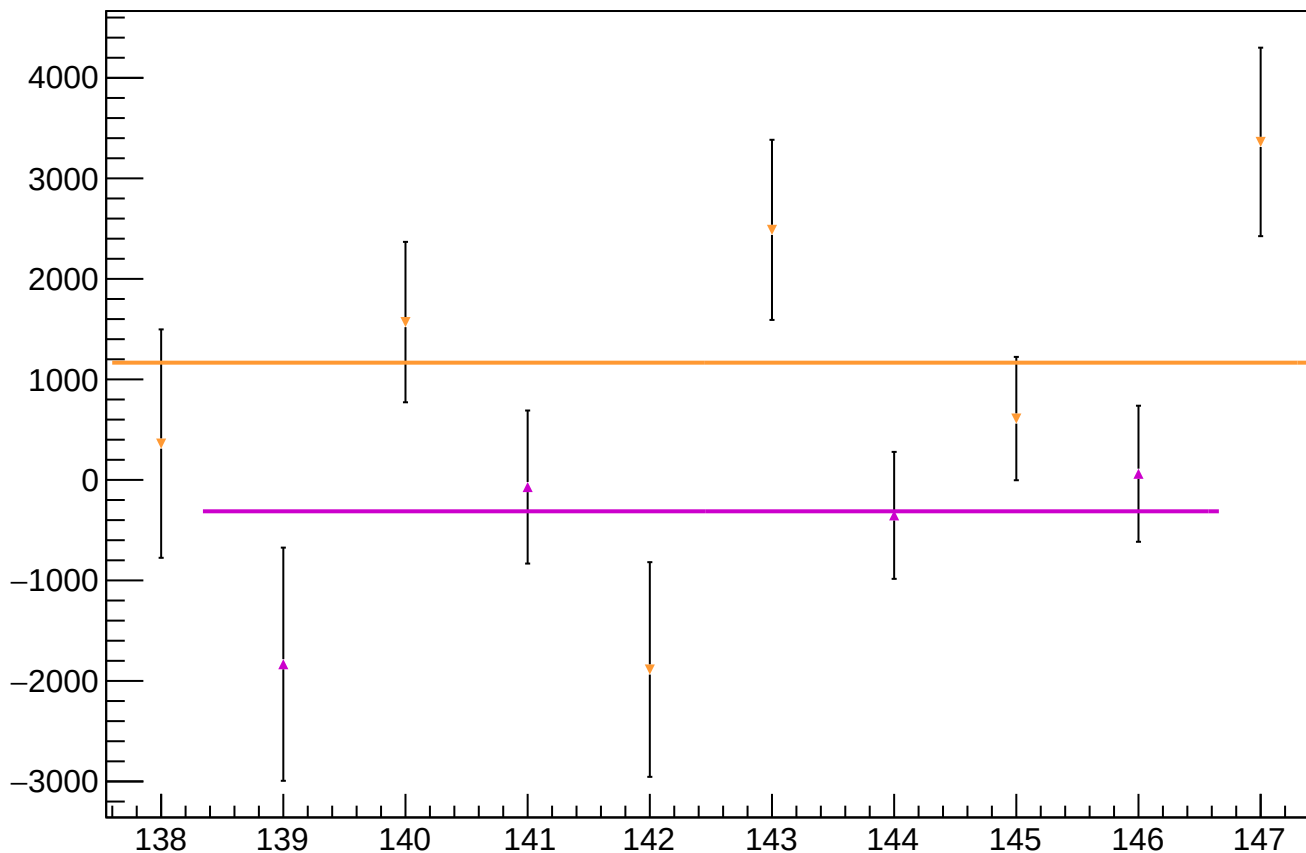
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 647.914+/-0.258 χ^2/NDF : 276776.8/3

Out: 678.421+/-0.242 χ^2/NDF : 347437.4/5

All: 664.182+/-0.176 χ^2/NDF : 631661.6/9

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1166.455 $\pm$ 347.939 χ^2 /NDF:17.4/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -312.409 $\pm$ 373.771 χ^2 /NDF:2.1/3

Left: 479.886 $\pm$ 254.673 χ^2 /NDF: 27.9/9

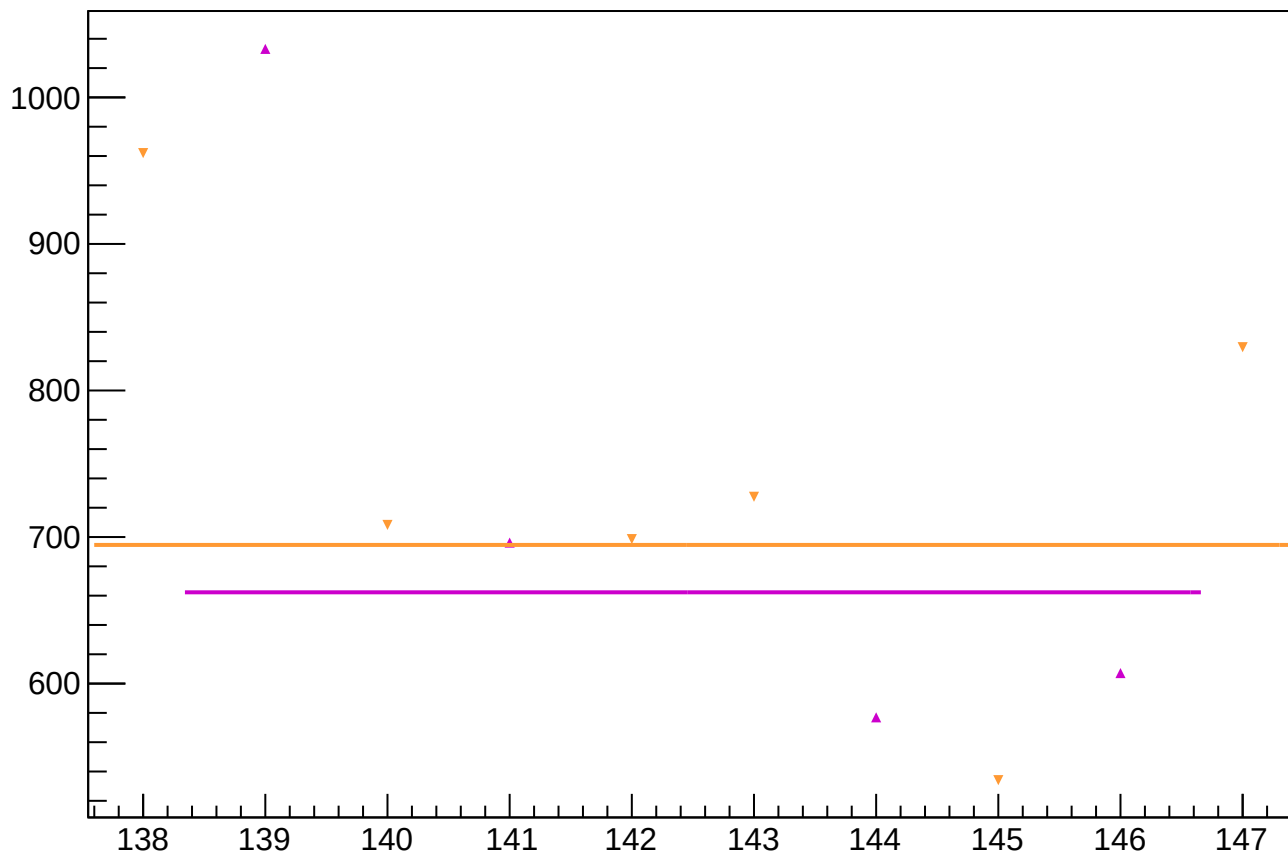
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -312.409 $\pm$ 373.771 χ^2 /NDF:2.1/3

Out: 1166.455 $\pm$ 347.939 χ^2 /NDF:17.4/5

All: 479.886 $\pm$ 254.673 χ^2 /NDF: 27.9/9

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 694.616+/-0.246 χ^2/NDF :292329.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 662.282+/-0.264 χ^2/NDF :258133.9/3

Left: 679.605+/-0.180 χ^2/NDF : 558482.1/9

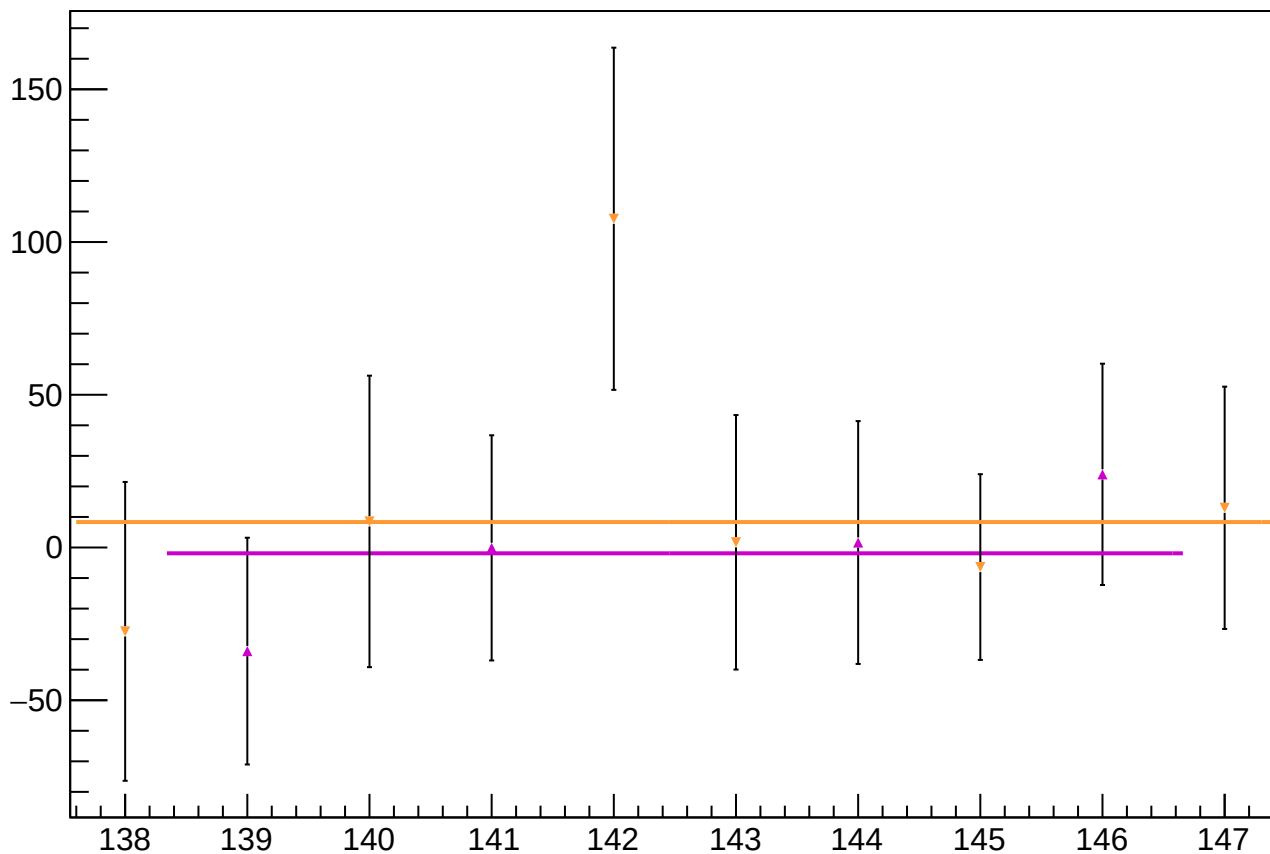
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 662.282+/-0.264 χ^2/NDF :258133.9/3

Out: 694.616+/-0.246 χ^2/NDF :292329.3/5

All: 679.605+/-0.180 χ^2/NDF : 558482.1/9

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8.332+/-16.977 χ^2/NDF :4.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.901+/-18.709 χ^2/NDF :1.3/3

Left: 3.711+/-12.572 χ^2/NDF : 5.4/9

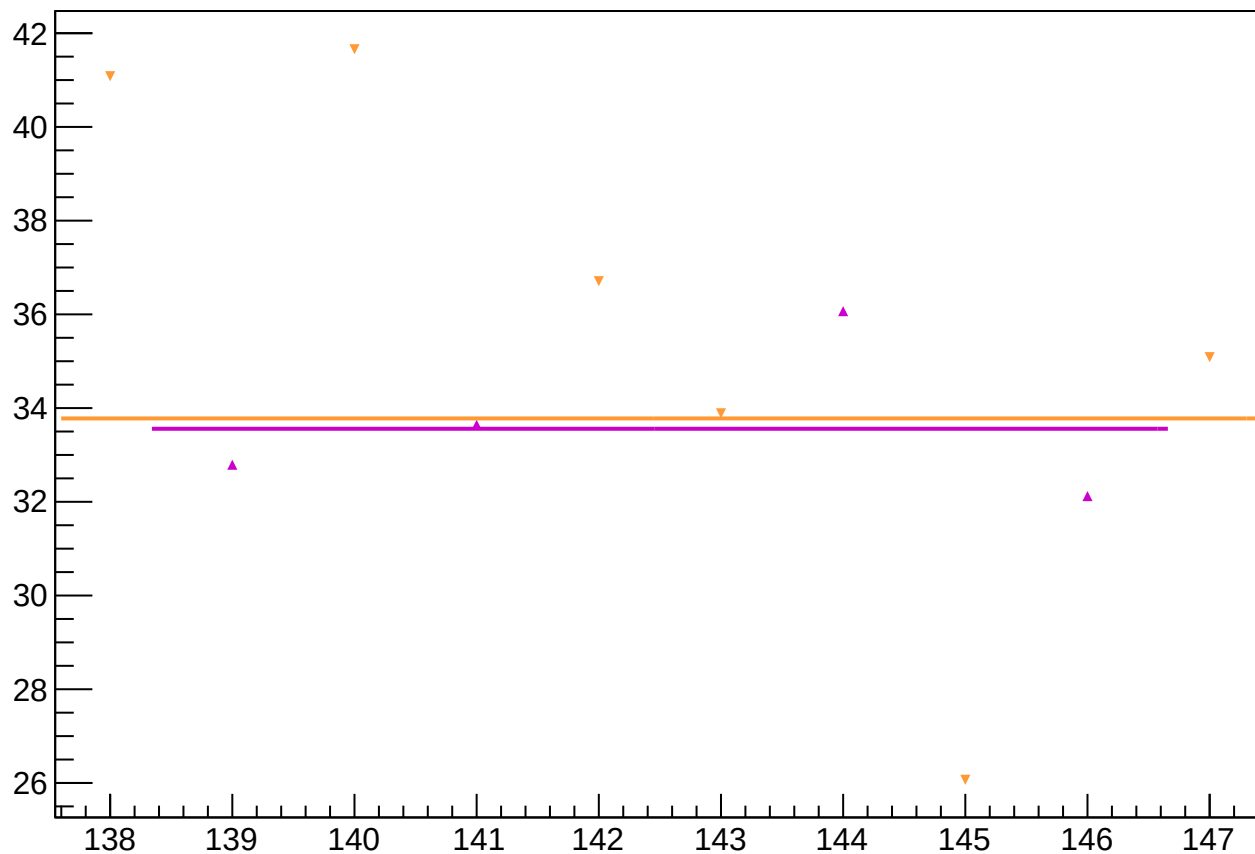
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.901+/-18.709 χ^2/NDF :1.3/3

Out: 8.332+/-16.977 χ^2/NDF :4.0/5

All: 3.711+/-12.572 χ^2/NDF : 5.4/9

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 33.779+/-0.012 χ^2/NDF :235404.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 33.559+/-0.013 χ^2/NDF :11981.2/3

Left: 33.679+/-0.009 χ^2/NDF : 247537.2/9

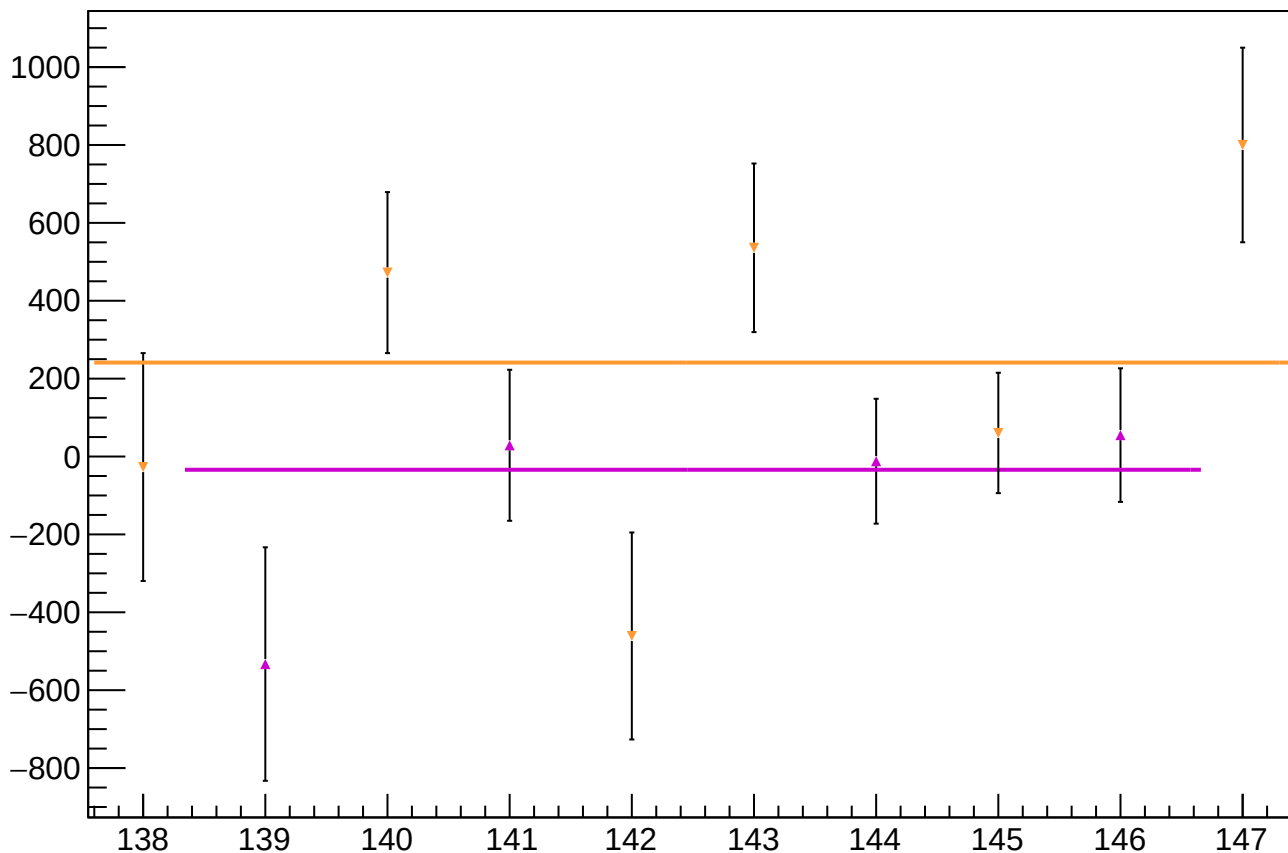
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.559+/-0.013 χ^2/NDF :11981.2/3

Out: 33.779+/-0.012 χ^2/NDF :235404.0/5

All: 33.679+/-0.009 χ^2/NDF : 247537.2/9

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 241.277 $\pm$ 88.235 χ^2 /NDF:17.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -33.987 $\pm$ 95.071 χ^2 /NDF:3.2/3

Left: 113.895 $\pm$ 64.674 χ^2 /NDF: 25.0/9

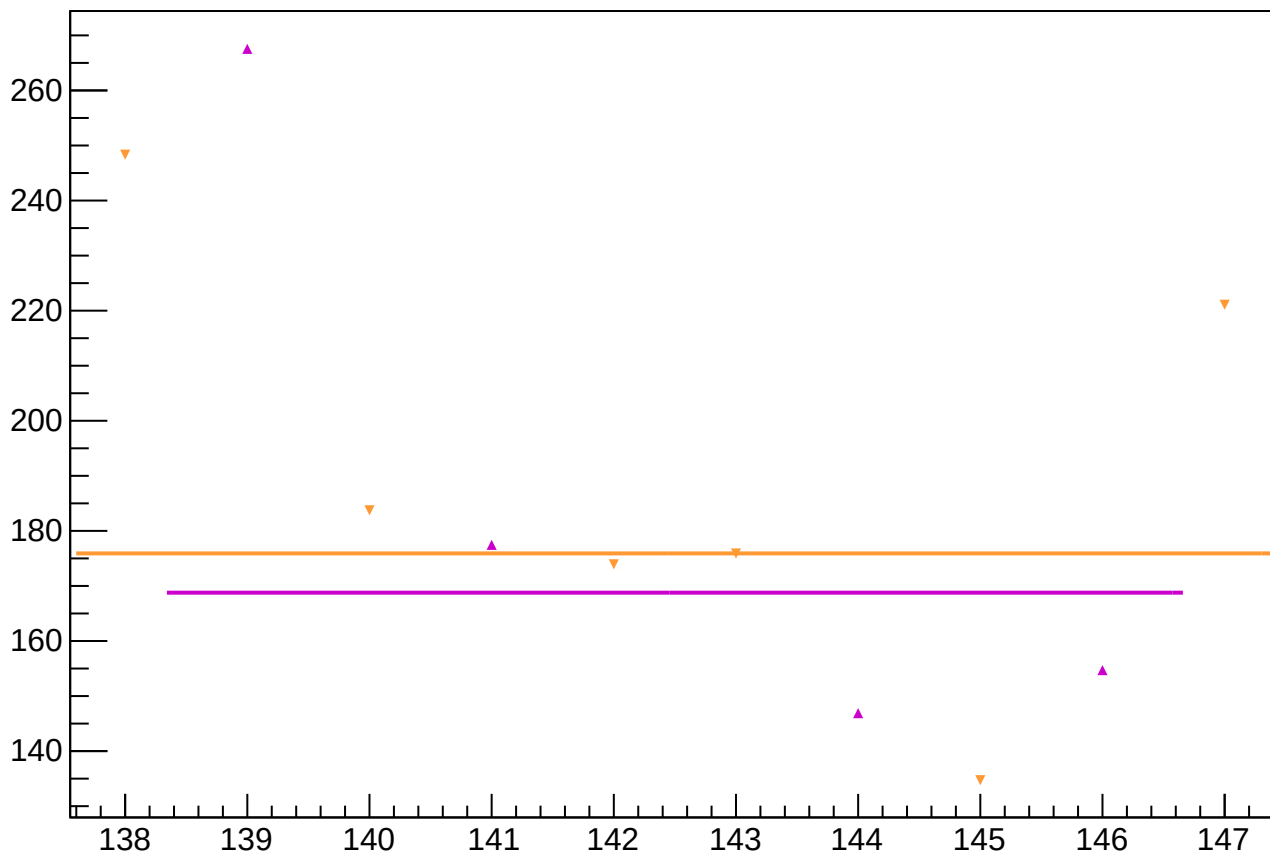
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -33.987 $\pm$ 95.071 χ^2 /NDF:3.2/3

Out: 241.277 $\pm$ 88.235 χ^2 /NDF:17.3/5

All: 113.895 $\pm$ 64.674 χ^2 /NDF: 25.0/9

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 175.912+/-0.062 χ^2/NDF :332916.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 168.778+/-0.067 χ^2/NDF :271839.3/3

Left: 172.611+/-0.046 χ^2/NDF : 610805.6/9

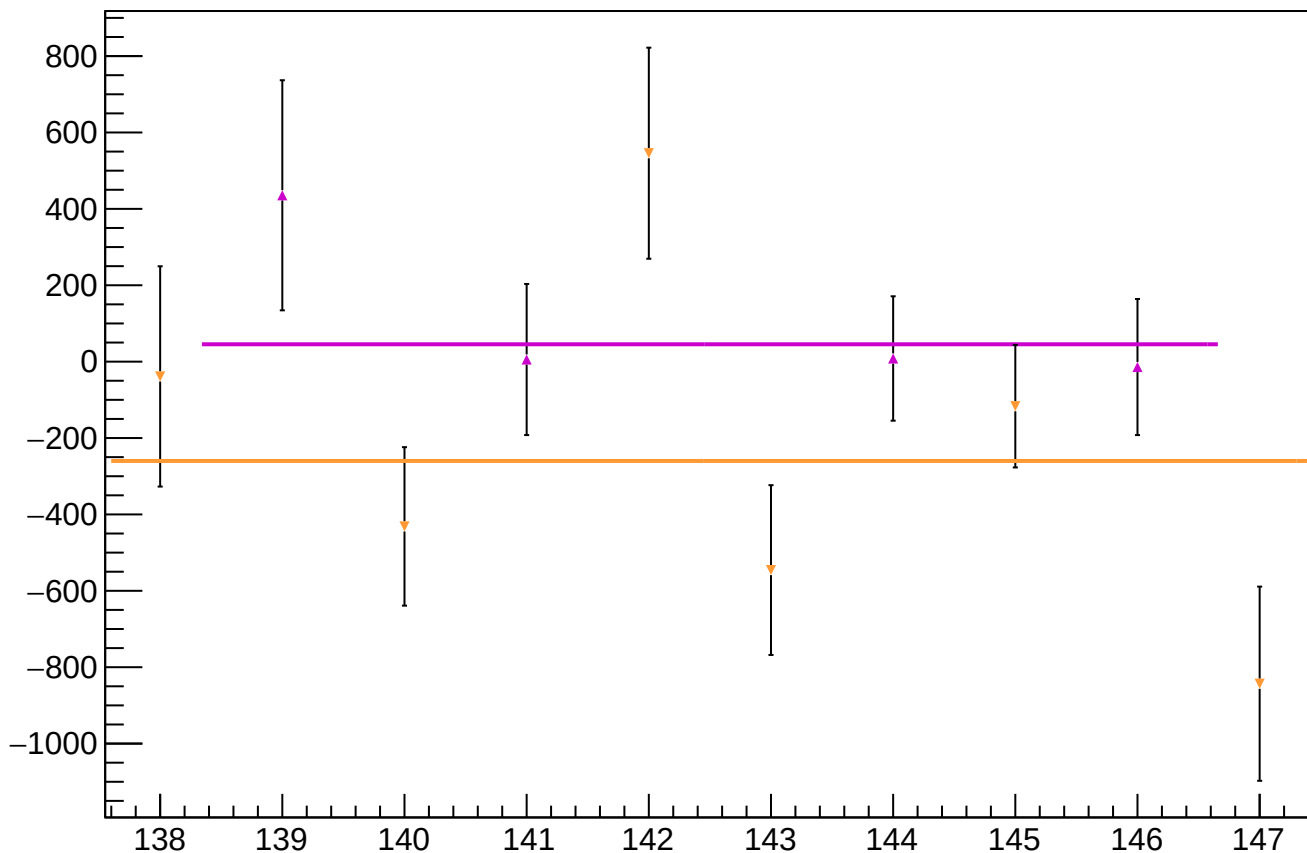
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.778+/-0.067 χ^2/NDF :271839.3/3

Out: 175.912+/-0.062 χ^2/NDF :332916.2/5

All: 172.611+/-0.046 χ^2/NDF : 610805.6/9

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -260.001+/-90.184 χ^2/NDF :17.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 45.491+/-97.235 χ^2/NDF :1.9/3

Left: -118.732+/-66.122 χ^2/NDF : 24.7/9

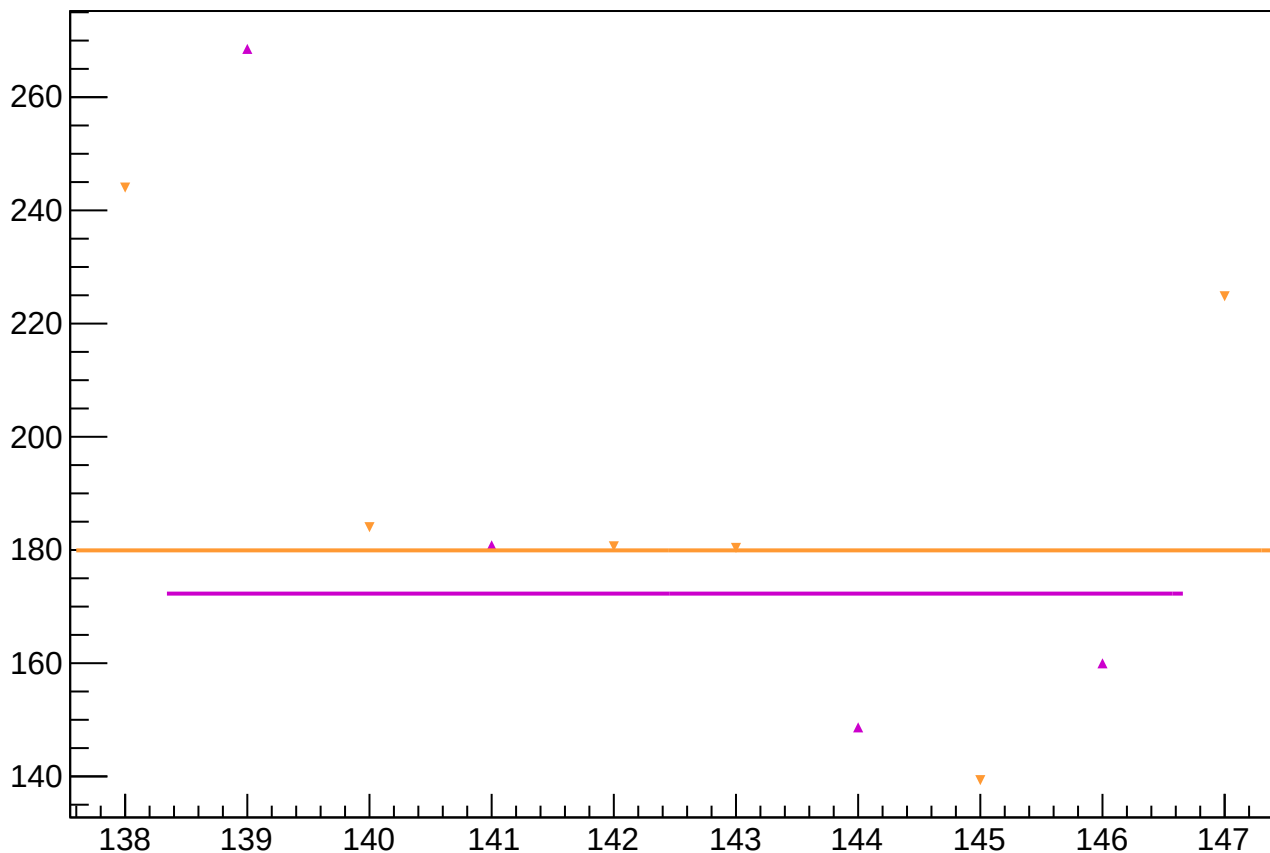
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 45.491+/-97.235 χ^2/NDF :1.9/3

Out: -260.001+/-90.184 χ^2/NDF :17.5/5

All: -118.732+/-66.122 χ^2/NDF : 24.7/9

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 179.934+/-0.064 χ^2/NDF :290107.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 172.294+/-0.069 χ^2/NDF :259506.1/3

Left: 176.401+/-0.047 χ^2/NDF : 556249.7/9

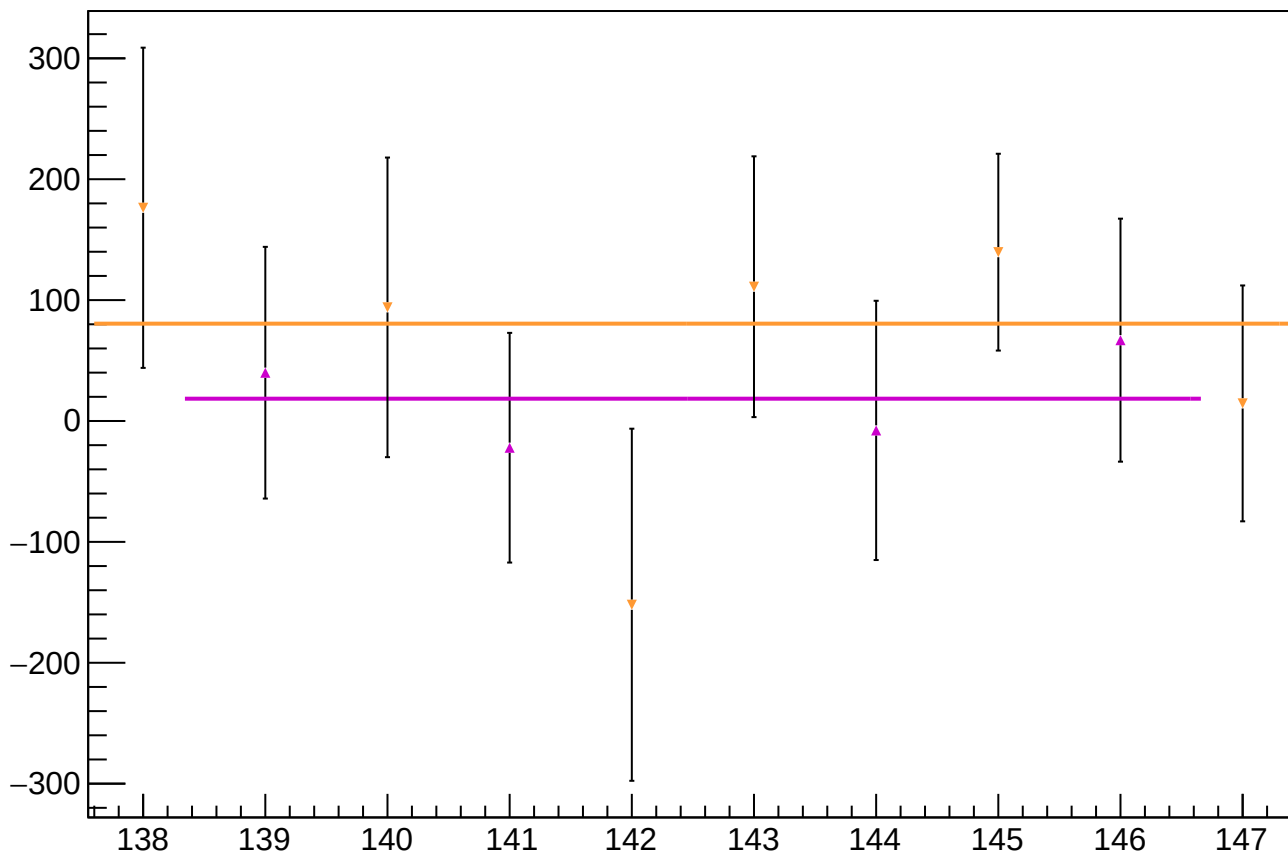
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 172.294+/-0.069 χ^2/NDF :259506.1/3

Out: 179.934+/-0.064 χ^2/NDF :290107.3/5

All: 176.401+/-0.047 χ^2/NDF : 556249.7/9

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 80.517+/-44.229 χ^2/NDF :4.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.449+/-50.700 χ^2/NDF :0.5/3

Left: 53.694+/-33.329 χ^2/NDF : 5.5/9

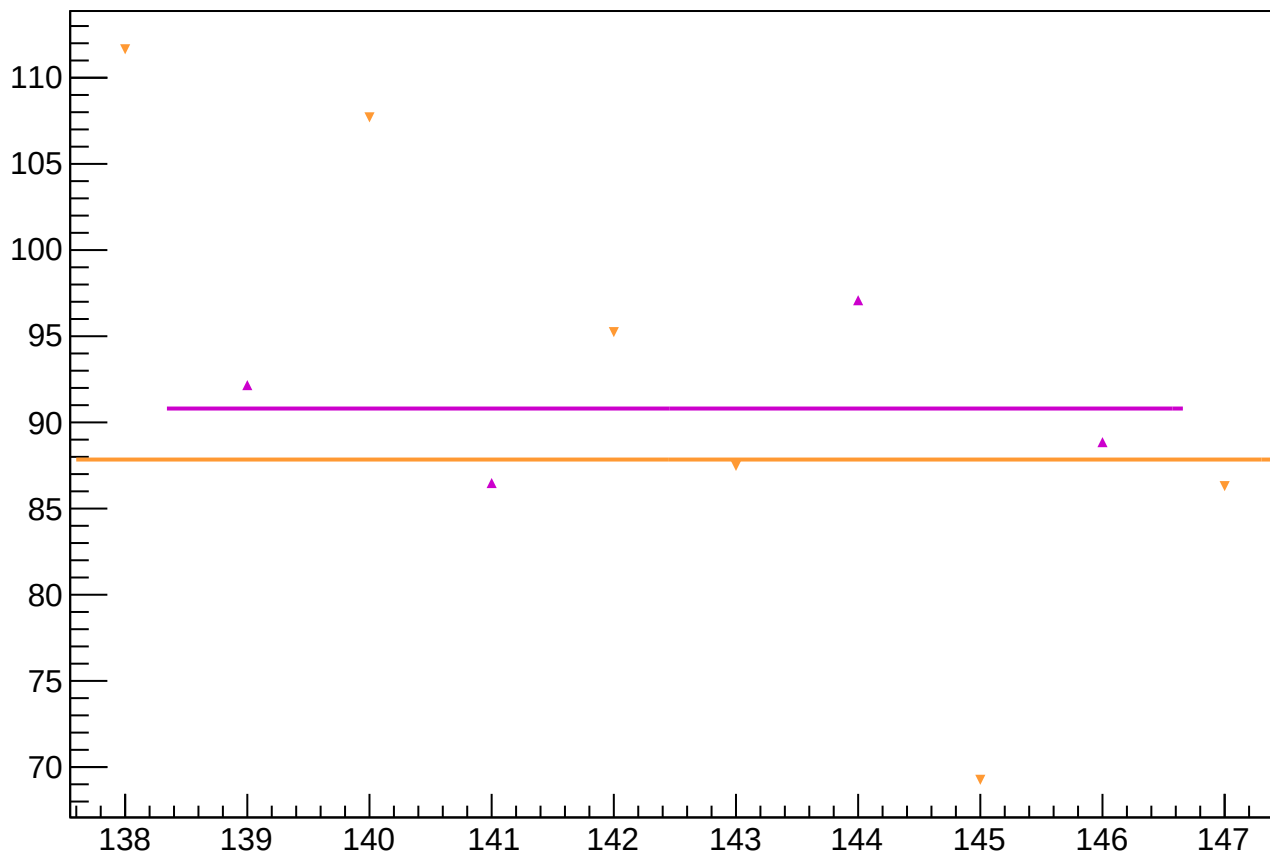
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.449+/-50.700 χ^2/NDF :0.5/3

Out: 80.517+/-44.229 χ^2/NDF :4.2/5

All: 53.694+/-33.329 χ^2/NDF : 5.5/9

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 87.845+/-0.031 χ^2/NDF :225873.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.805+/-0.036 χ^2/NDF :12106.6/3

Left: 89.124+/-0.024 χ^2/NDF : 241850.9/9

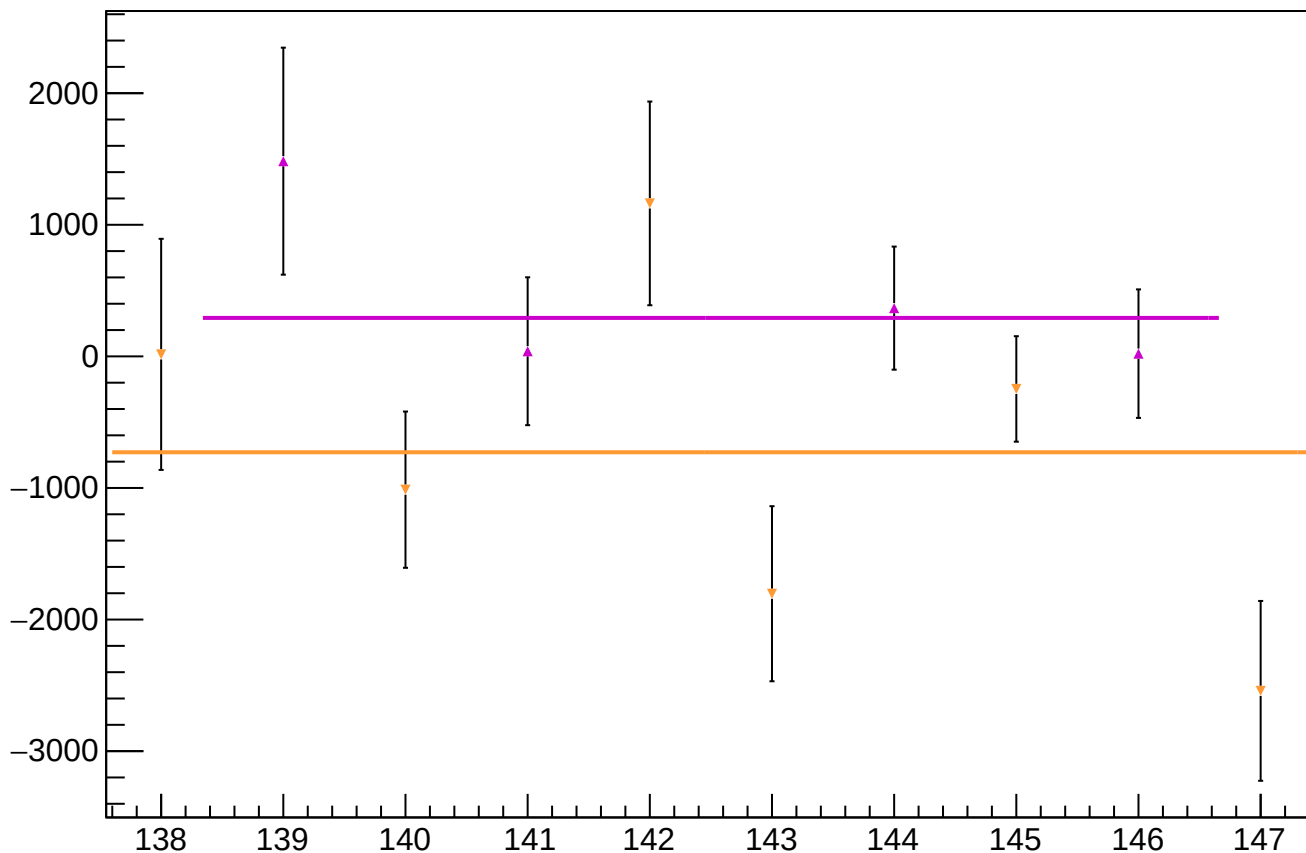
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.805+/-0.036 χ^2/NDF :12106.6/3

Out: 87.845+/-0.031 χ^2/NDF :225873.6/5

All: 89.124+/-0.024 χ^2/NDF : 241850.9/9

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -728.701+/-246.708 χ^2/NDF :18.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 292.290+/-274.438 χ^2/NDF :2.4/3

Left: -272.379+/-183.472 χ^2/NDF : 28.1/9

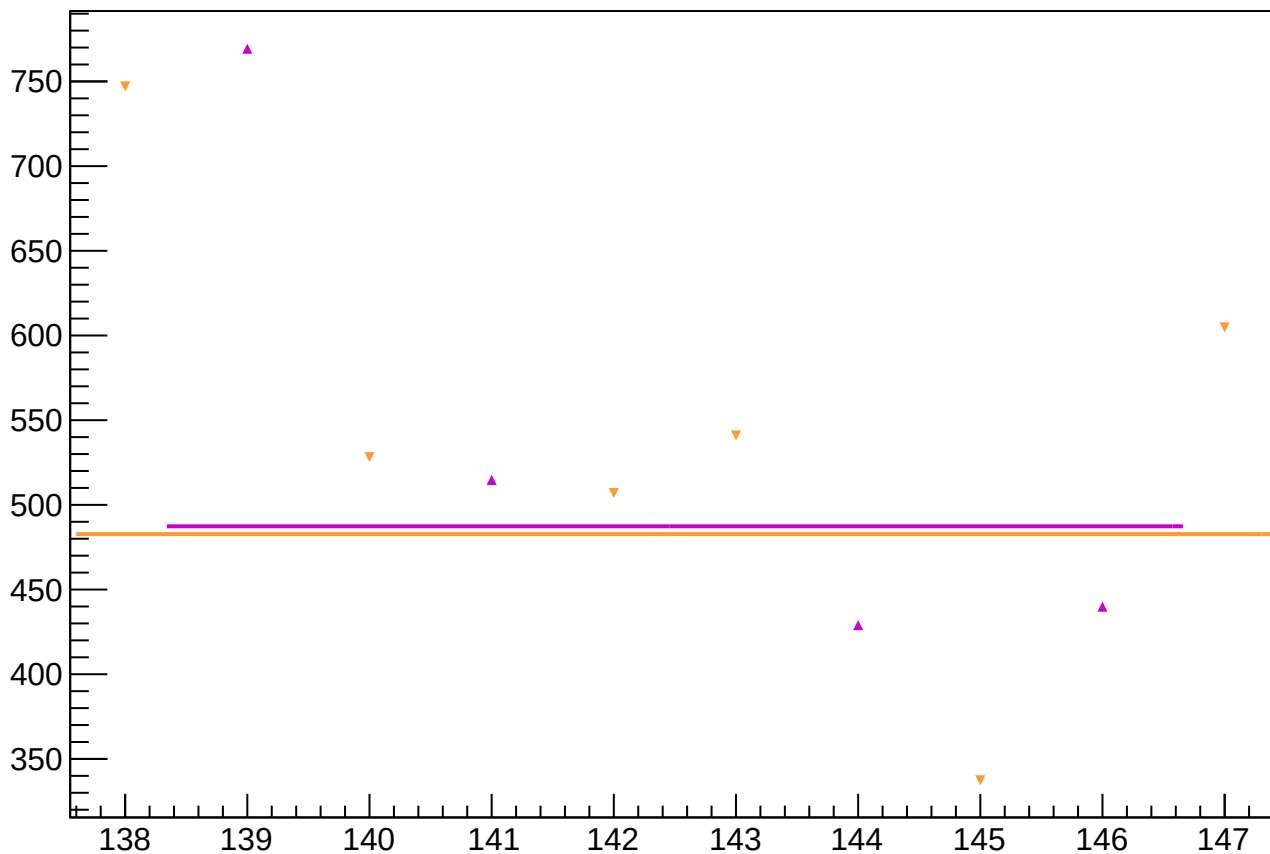
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 292.290+/-274.438 χ^2/NDF :2.4/3

Out: -728.701+/-246.708 χ^2/NDF :18.0/5

All: -272.379+/-183.472 χ^2/NDF : 28.1/9

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 482.729+/-0.174 χ^2/NDF :537091.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 487.344+/-0.194 χ^2/NDF :268535.9/3

Left: 484.792+/-0.130 χ^2/NDF : 805940.0/9

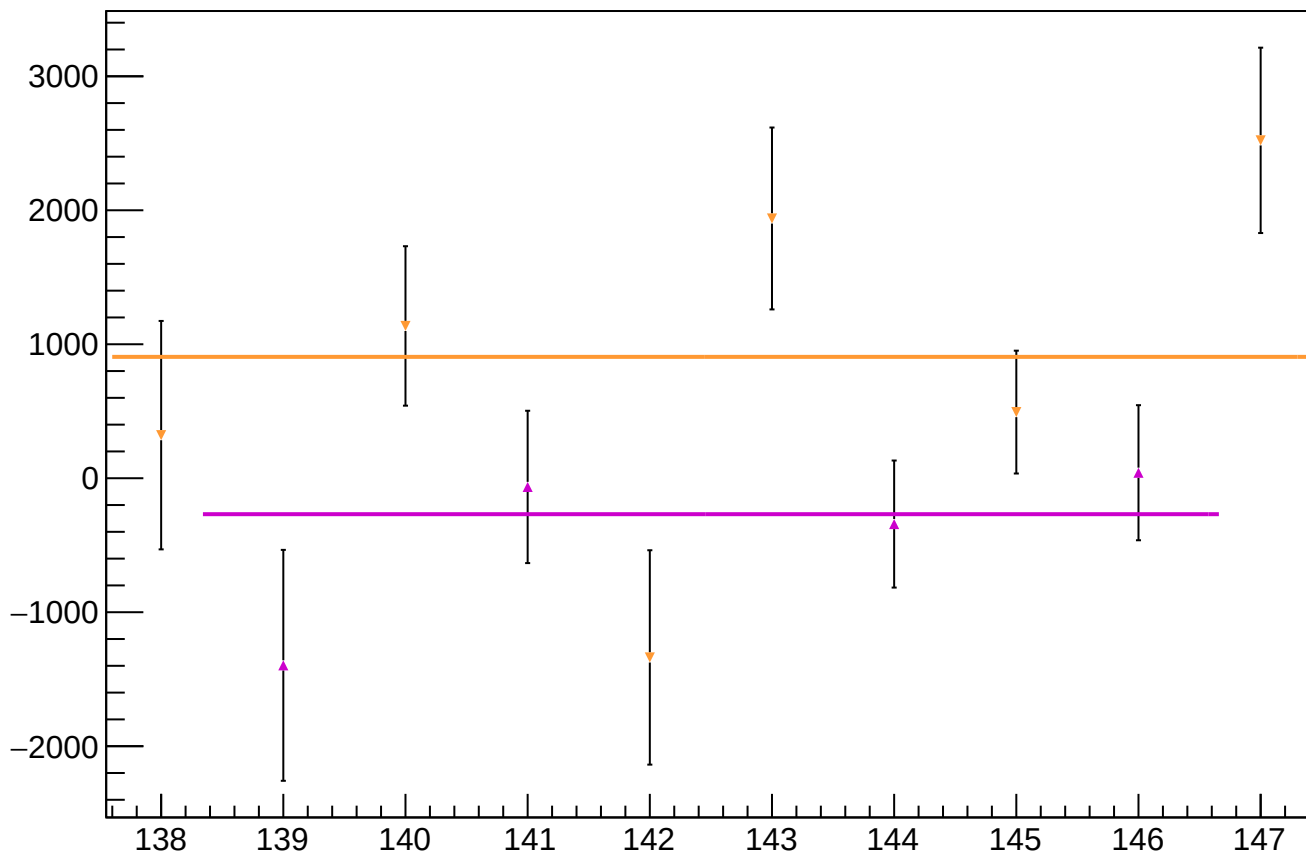
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.344+/-0.194 χ^2/NDF :268535.9/3

Out: 482.729+/-0.174 χ^2/NDF :537091.3/5

All: 484.792+/-0.130 χ^2/NDF : 805940.0/9

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 905.867+/-260.103 χ^2/NDF :17.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.308+/-279.263 χ^2/NDF :2.2/3

Left: 360.438+/-190.334 χ^2/NDF : 28.8/9

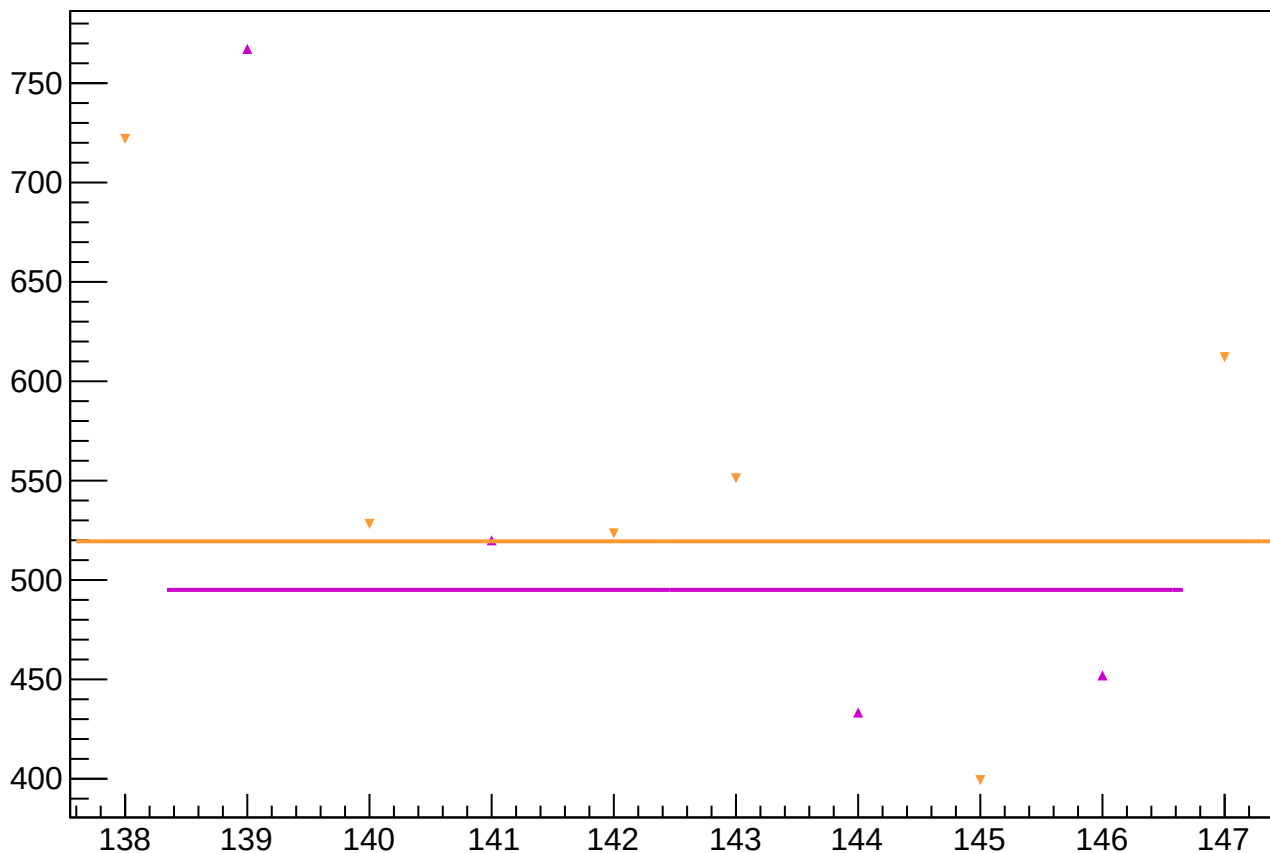
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.308+/-279.263 χ^2/NDF :2.2/3

Out: 905.867+/-260.103 χ^2/NDF :17.1/5

All: 360.438+/-190.334 χ^2/NDF : 28.8/9

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 519.480+/-0.184 χ^2/NDF : 290966.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 495.041+/-0.197 χ^2/NDF : 251831.4/3

Left: 508.128+/-0.135 χ^2/NDF : 550999.8/9

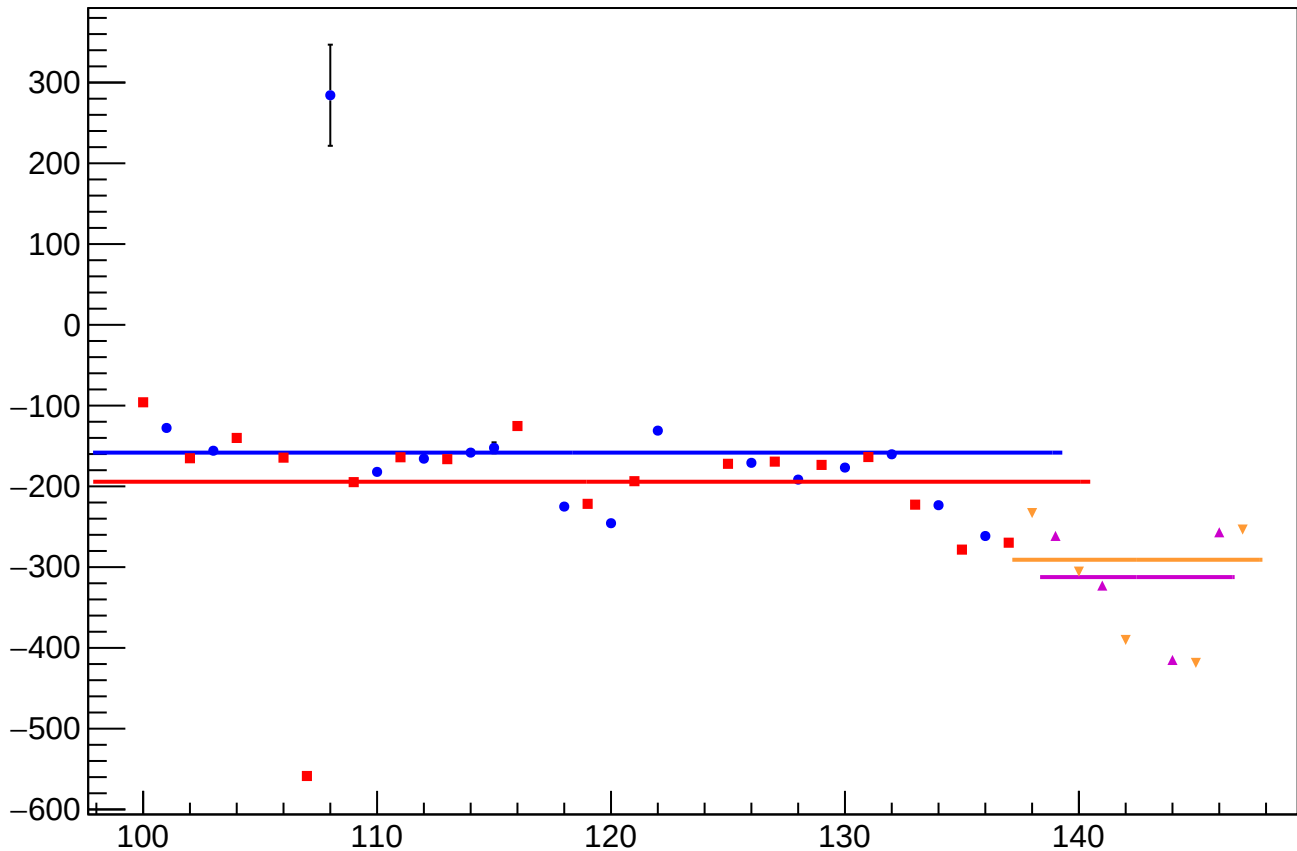
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.041+/-0.197 χ^2/NDF : 251831.4/3

Out: 519.480+/-0.184 χ^2/NDF : 290966.6/5

All: 508.128+/-0.135 χ^2/NDF : 550999.8/9

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -290.869+/-0.395 χ^2/NDF : 17302.4/4

Right Out: -194.268+/-0.165 χ^2/NDF : 176560.4/17

Left In: -312.329+/-0.342 χ^2/NDF : 17602.6/3

Left: -303.113+/-0.259 χ^2/NDF : 36591.5/8

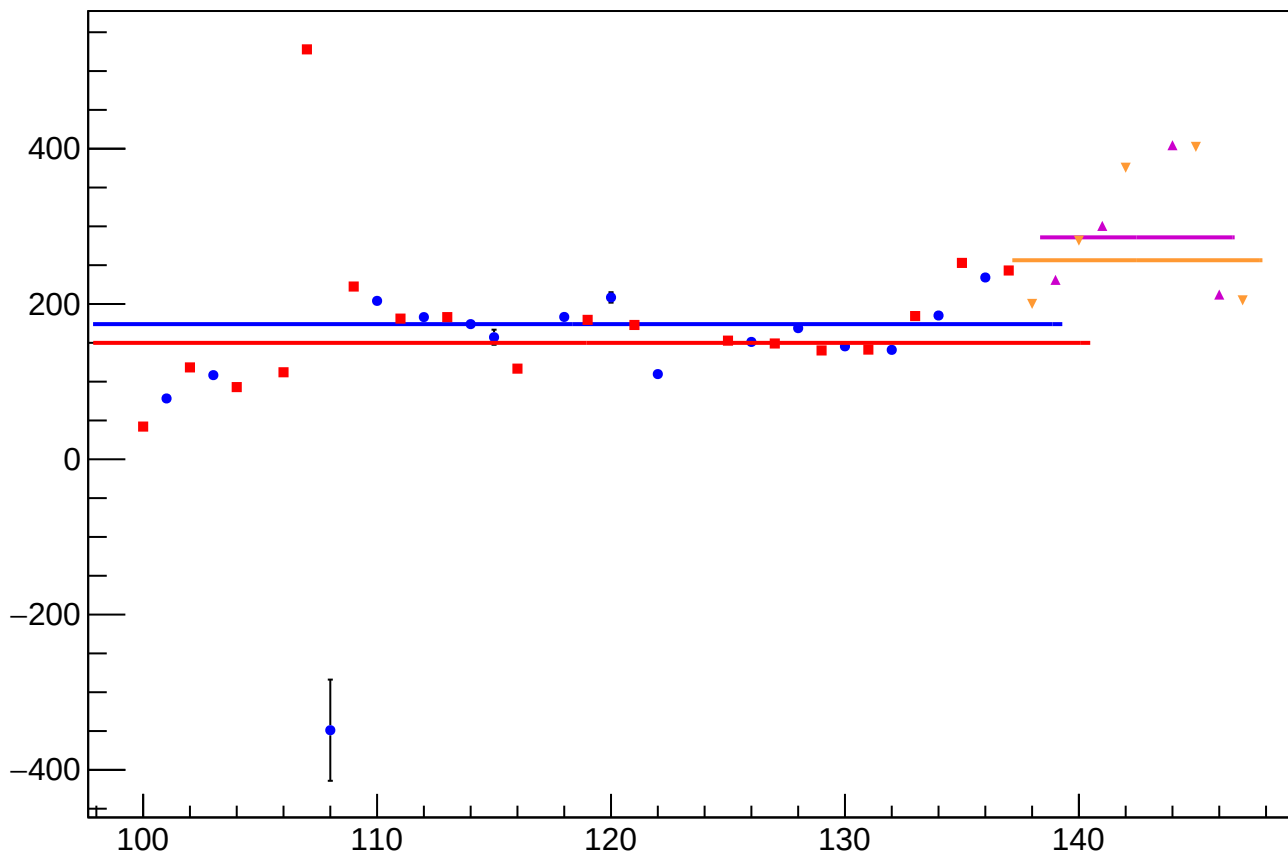
Right: -158.222+/-0.000 χ^2/NDF : 341369.6/33

In: -158.222+/-0.000 χ^2/NDF : 337304.7/19

Out: -208.660+/-0.152 χ^2/NDF : 244840.8/22

All: -158.222+/-0.000 χ^2/NDF : 691758.3/42

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 256.349+/-0.420 χ^2/NDF : 20484.3/4

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

Left In: 285.831+/-0.366 χ^2/NDF : 20206.2/3

Left: 273.083+/-0.276 χ^2/NDF : 43494.0/8

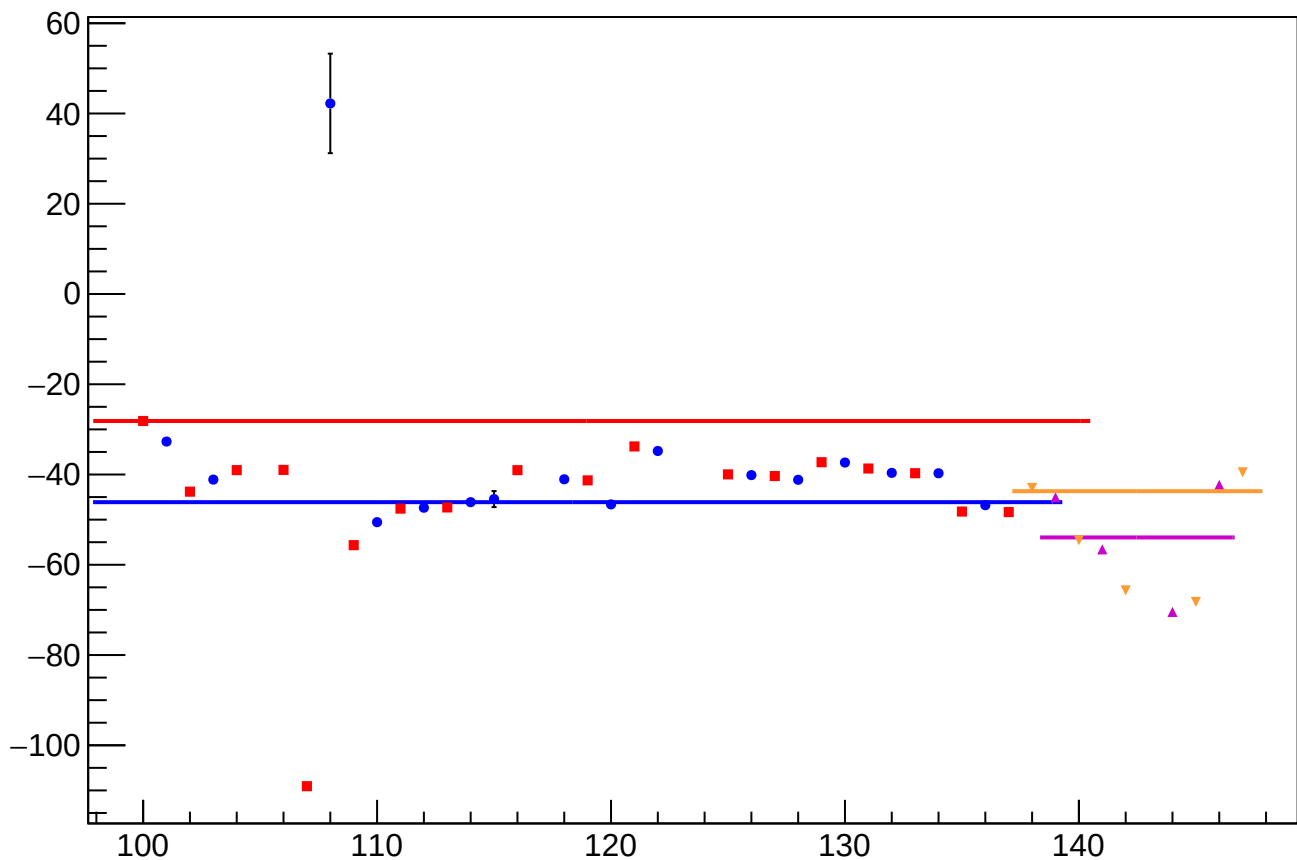
Right: 174.085+/-0.000 χ^2/NDF : 236460.5/33

In: 174.085+/-0.000 χ^2/NDF : 166726.2/19

Out: 168.939+/-0.177 χ^2/NDF : 241177.6/22

All: 174.085+/-0.000 χ^2/NDF : 408746.8/42

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -43.695 ± 0.018 χ^2/NDF : 47465.3/4

Right Out: -28.139 ± 0.000 χ^2/NDF : 746939.9/17

Left In: -53.943 ± 0.040 χ^2/NDF : 33221.8/3

Left: -45.368 ± 0.016 χ^2/NDF : 135945.9/8

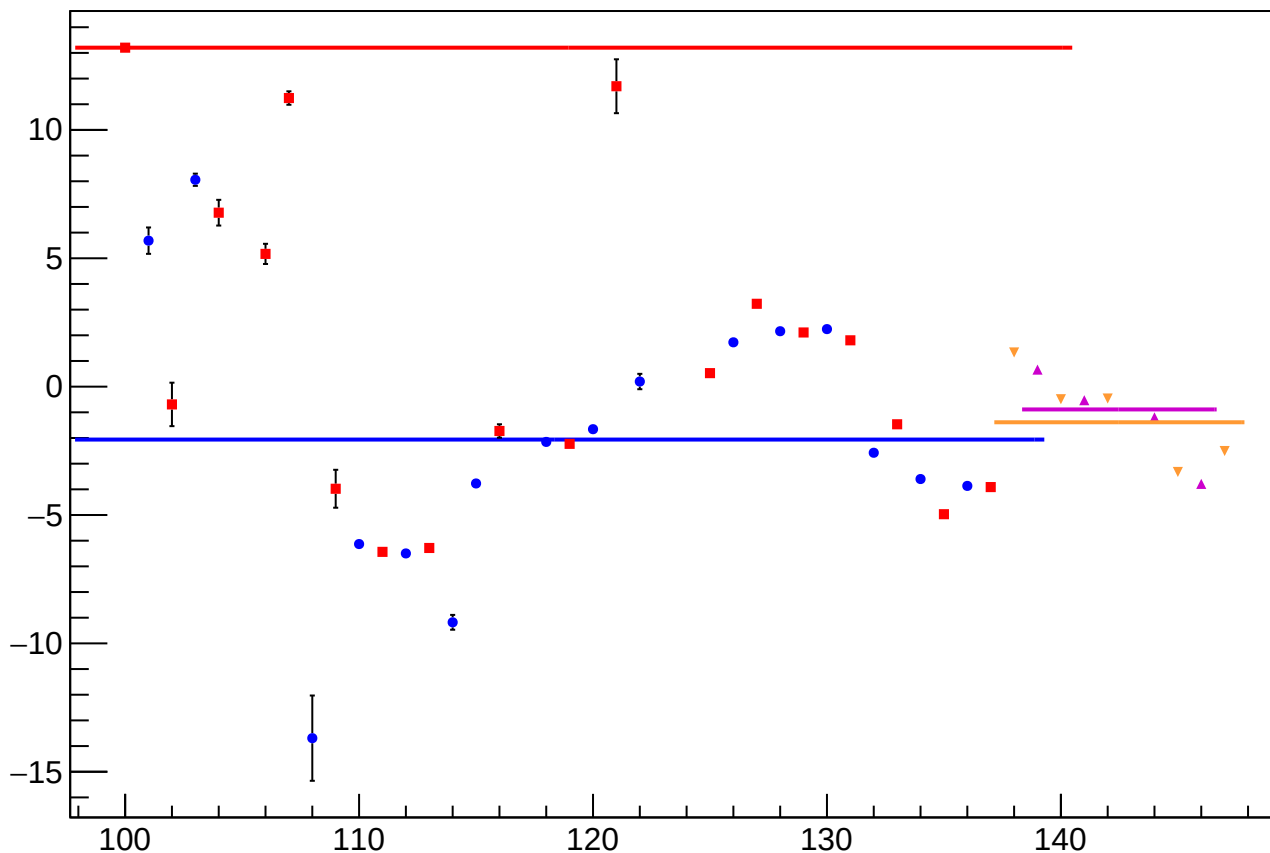
Right: -39.778 ± 0.000 χ^2/NDF : 248795993231659

In: -46.126 ± 0.000 χ^2/NDF : 272912.8/19

Out: -28.139 ± 0.000 χ^2/NDF : 1574188.8/22

All: -39.778 ± 0.000 χ^2/NDF : 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: -1.387 ± 0.017 $\chi^2/\text{NDF}: 6410.4/4$

Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 509721.0/17$

Left In: -0.888 ± 0.020 $\chi^2/\text{NDF}: 4674.9/3$

Left: -1.168 ± 0.013 $\chi^2/\text{NDF}: 11445.1/8$

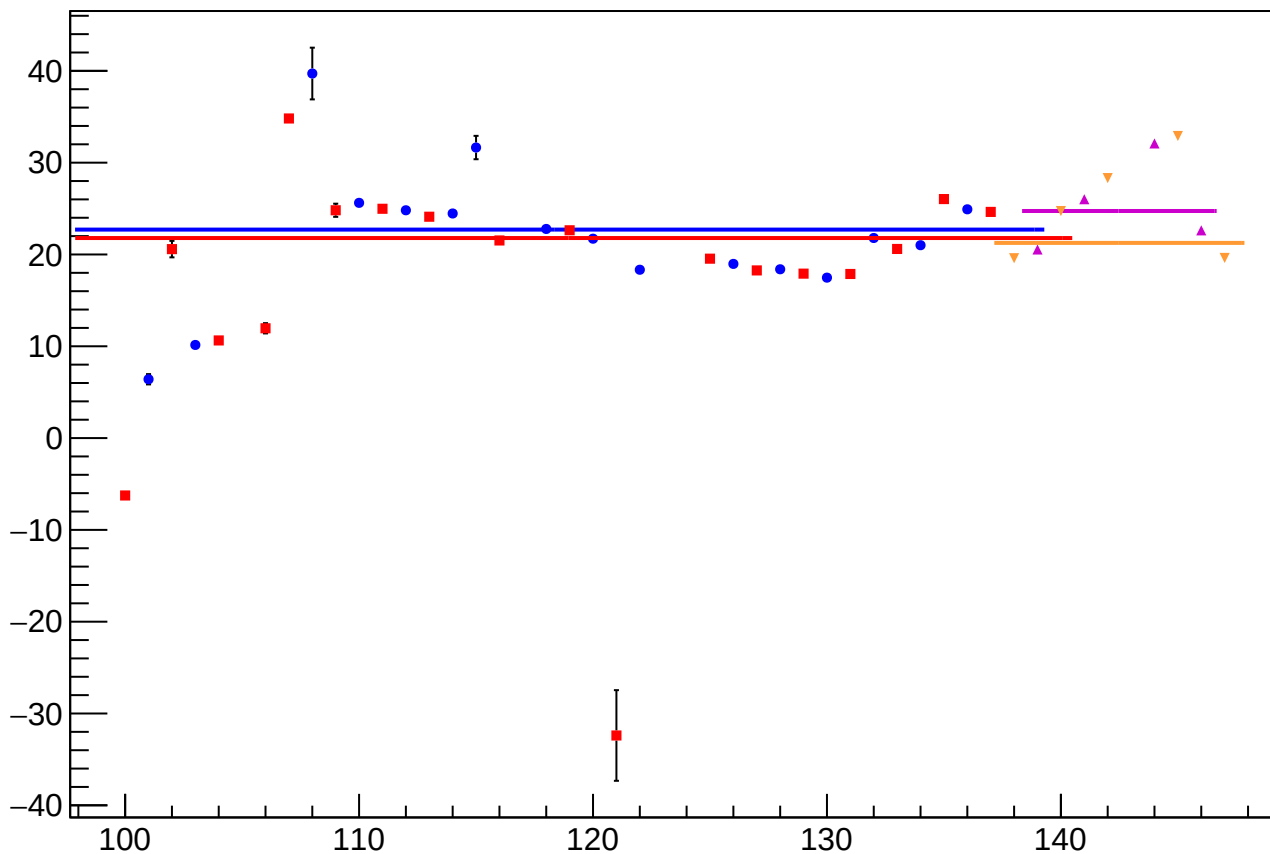
Right: 13.204 ± 0.000 $\chi^2/\text{NDF}: 1268800.5/33$

In: -1.533 ± 0.013 $\chi^2/\text{NDF}: 32288.4/19$

Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 1213834.5/22$

All: 13.204 ± 0.000 $\chi^2/\text{NDF}: 2488255.6/42$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 21.261 $\pm$ 0.029 χ^2 /NDF:11286.6/4

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

Left In: 24.736 $\pm$ 0.035 χ^2 /NDF:8447.9/3

Left: 22.659 $\pm$ 0.022 χ^2 /NDF: 25469.5/8

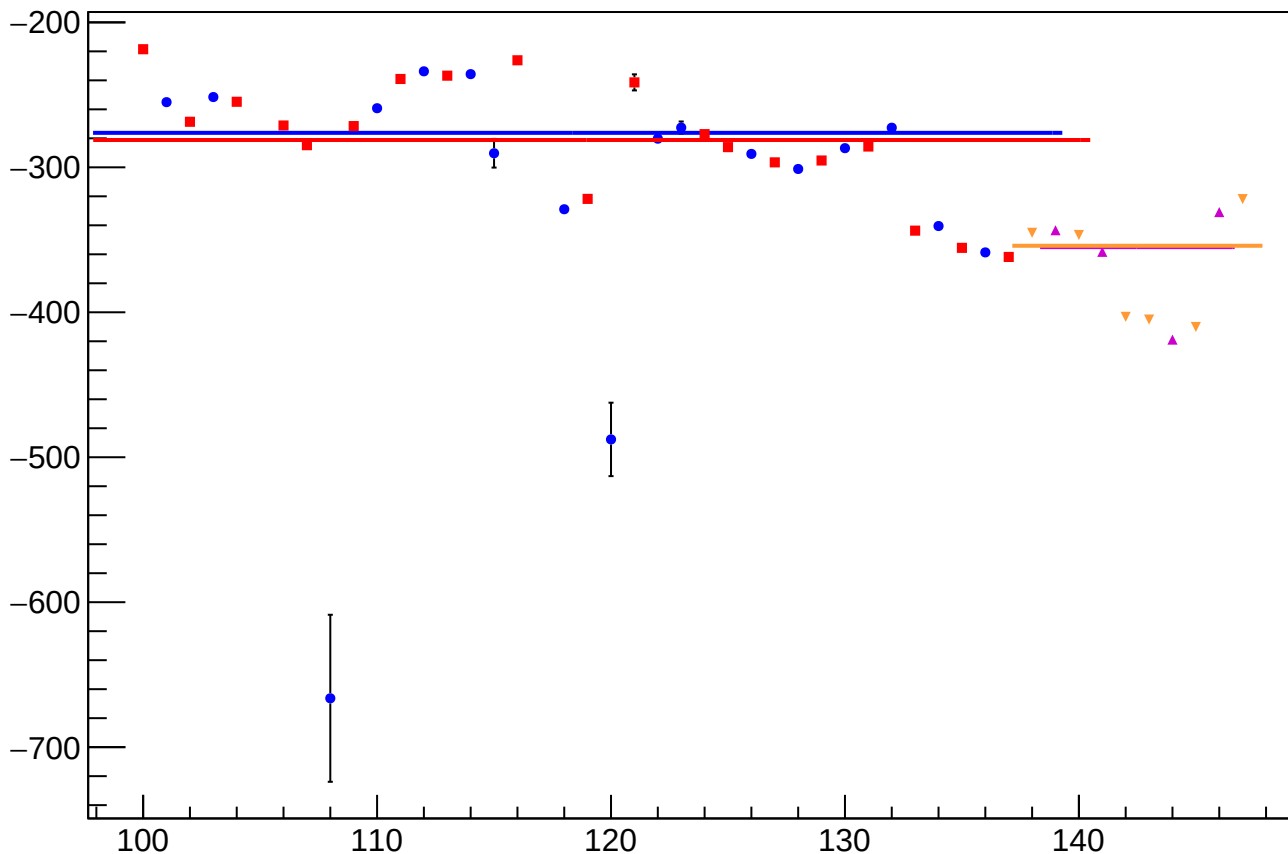
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 23.153 $\pm$ 0.017 χ^2 /NDF:33764.1/19

Out: 21.603 $\pm$ 0.017 χ^2 /NDF:38171.0/22

All: 22.411 $\pm$ 0.012 χ^2 /NDF: 76116.7/42

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -354.110 $\pm$ 0.255 χ^2 /NDF:14161.6/5

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

Left In: -355.047 $\pm$ 0.217 χ^2 /NDF:14527.4/3

Left: -354.652 $\pm$ 0.165 χ^2 /NDF: 28696.8/9

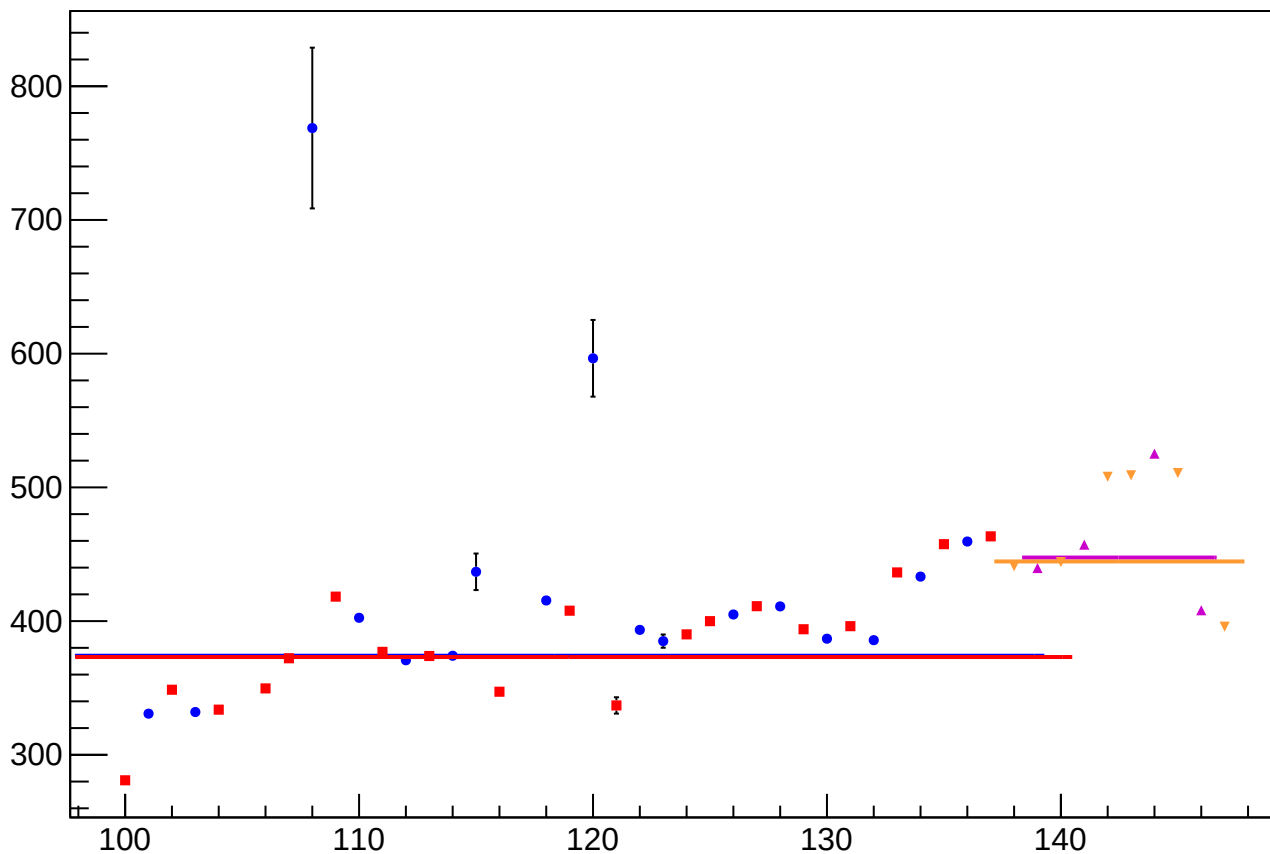
Right: -278.974 $\pm$ 0.110 χ^2 /NDF: 136213.7/35

In: -305.365 $\pm$ 0.132 χ^2 /NDF:155513.5/20

Out: -299.476 $\pm$ 0.128 χ^2 /NDF:153185.6/24

All: -302.318 $\pm$ 0.092 χ^2 /NDF: 309725.4/45

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094 $\pm$ 0.000 χ^2/NDF : 35072.0/16

Left Out: 444.612 $\pm$ 0.266 χ^2/NDF : 23766.5/5

Right Out: 373.134 $\pm$ 0.158 χ^2/NDF : 108219.4/18

Left In: 447.522 $\pm$ 0.229 χ^2/NDF : 19471.8/3

Left: 446.282 $\pm$ 0.174 χ^2/NDF : 43306.7/9

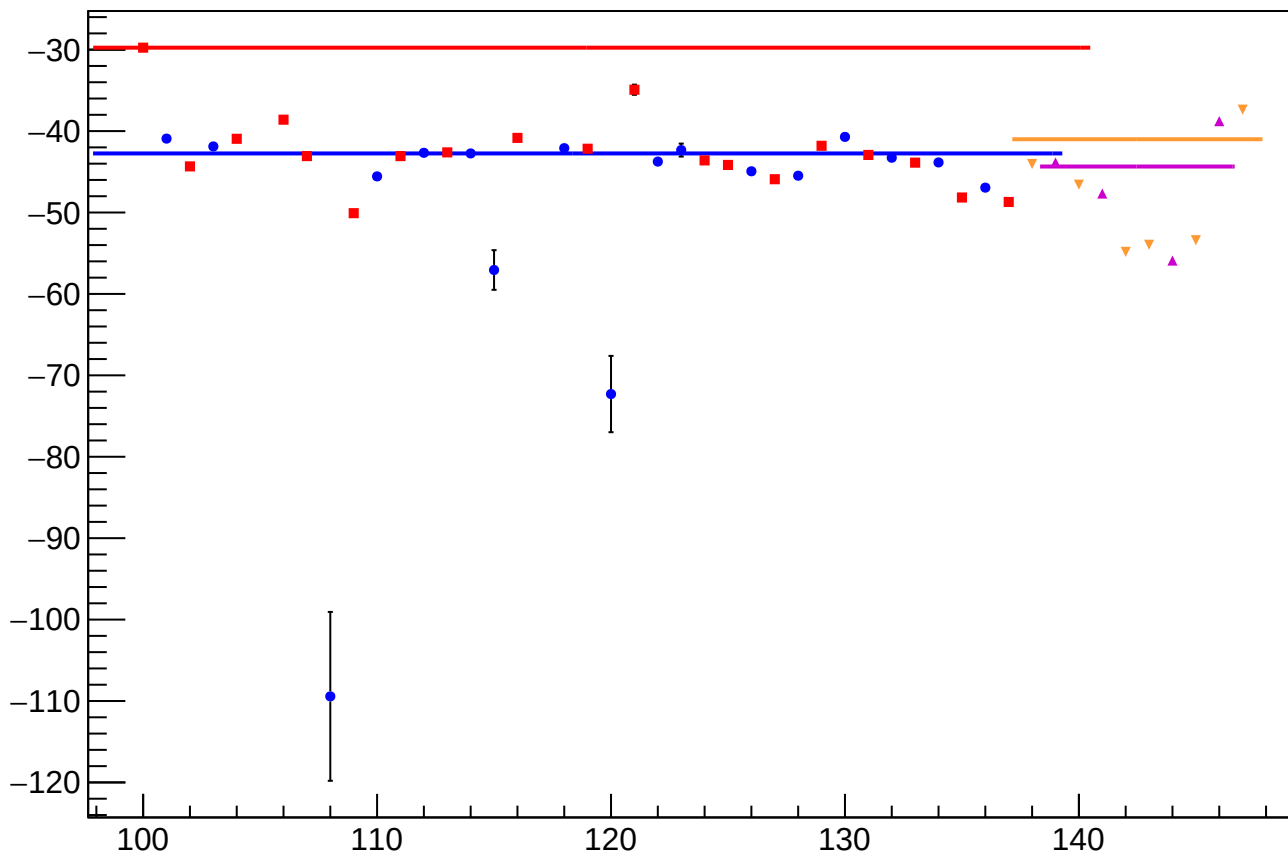
Right: 374.094 $\pm$ 0.000 χ^2/NDF : 143328.3/35

In: 374.094 $\pm$ 0.000 χ^2/NDF : 157014.3/20

Out: 391.736 $\pm$ 0.136 χ^2/NDF : 185282.1/24

All: 374.094 $\pm$ 0.000 χ^2/NDF : 359161.5/45

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 ± 0.000 $\chi^2/\text{NDF}: 13262.6/16$

Left Out: -41.002 ± 0.013 $\chi^2/\text{NDF}: 166463.2/5$

Right Out: -29.754 ± 0.000 $\chi^2/\text{NDF}: 483930.3/18$

Left In: -44.352 ± 0.020 $\chi^2/\text{NDF}: 31099.1/3$

Left: -41.971 ± 0.011 $\chi^2/\text{NDF}: 217598.3/9$

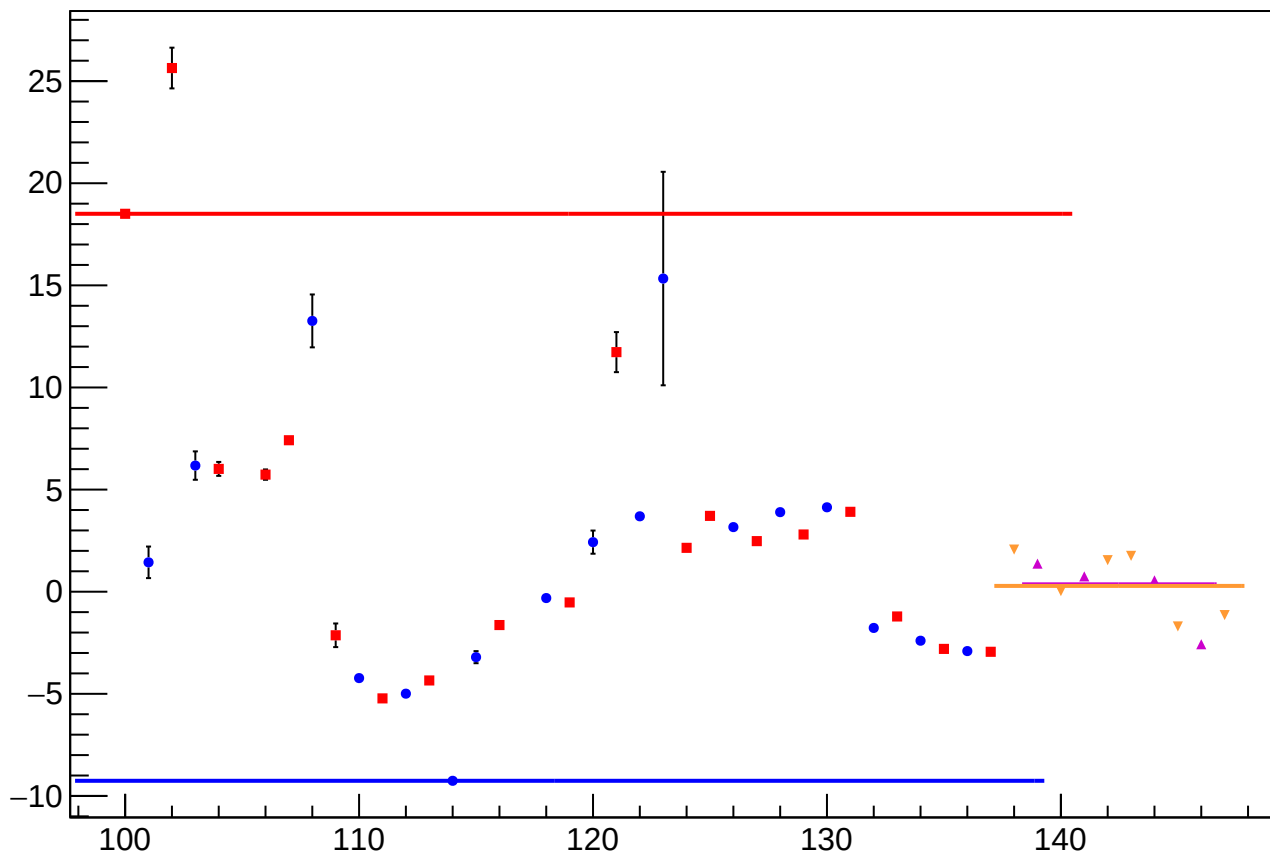
Right: -38.159 ± 0.000 $\chi^2/\text{NDF}: 129765212680709$

In: -42.744 ± 0.000 $\chi^2/\text{NDF}: 50855.9/20$

Out: -29.754 ± 0.000 $\chi^2/\text{NDF}: 1431755.2/24$

All: -38.159 ± 0.000 $\chi^2/\text{NDF}: 129765212680$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 405850.5/16$

Left Out: 0.284 ± 0.015 $\chi^2/\text{NDF}: 7097.4/5$

Right Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 7366781.0/18$

Left In: 0.361 ± 0.018 $\chi^2/\text{NDF}: 4657.7/3$

Left: 0.317 ± 0.011 $\chi^2/\text{NDF}: 11766.1/9$

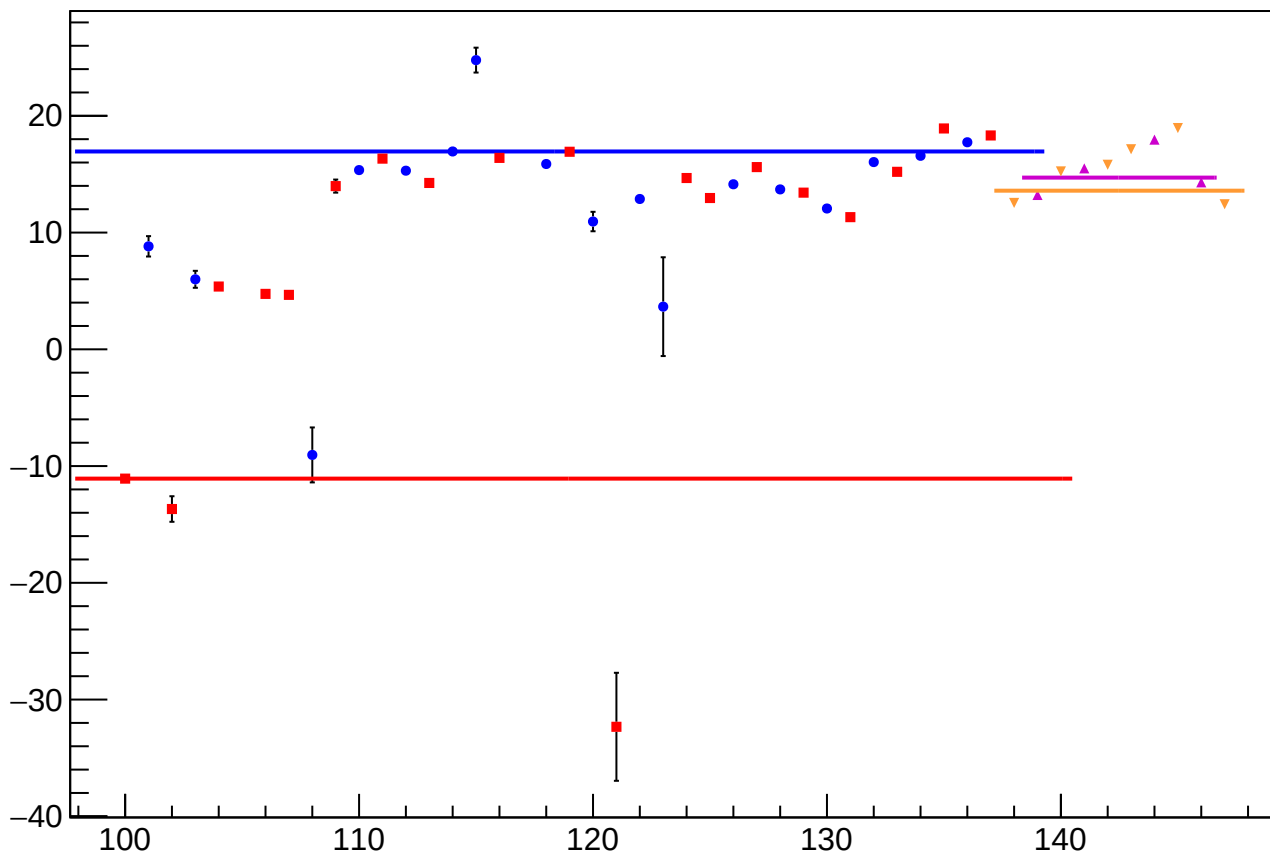
Right: 6.039 ± 0.000 $\chi^2/\text{NDF}: 16450574505955581$

In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 711646.3/20$

Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 8817212.9/24$

All: 6.039 ± 0.000 $\chi^2/\text{NDF}: 16450574505955581$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.588 $\pm$ 0.016 χ^2 /NDF:11620.3/5

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

Left In: 14.708 $\pm$ 0.026 χ^2 /NDF:3146.2/3

Left: 13.894 $\pm$ 0.013 χ^2 /NDF: 16154.4/9

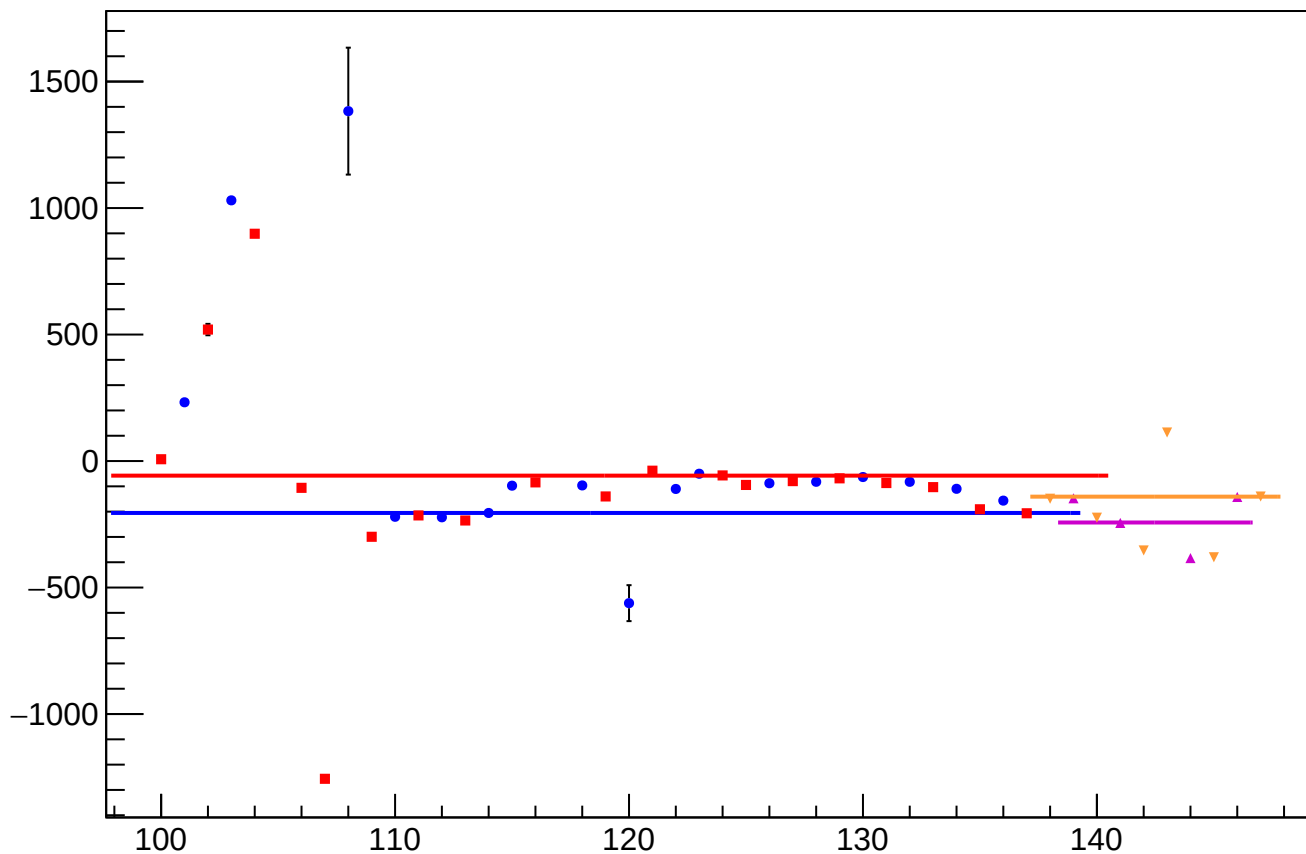
Right: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635666

In: 16.947 $\pm$ 0.000 χ^2 /NDF:22014.4/20

Out: -11.075 $\pm$ 0.000 χ^2 /NDF:5186688.6/24

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -140.737+/-0.478 χ^2/NDF : 40888.8/5

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

Left In: -242.908+/-0.690 χ^2/NDF : 17723.8/3

Left: -173.847+/-0.393 χ^2/NDF : 73438.0/9

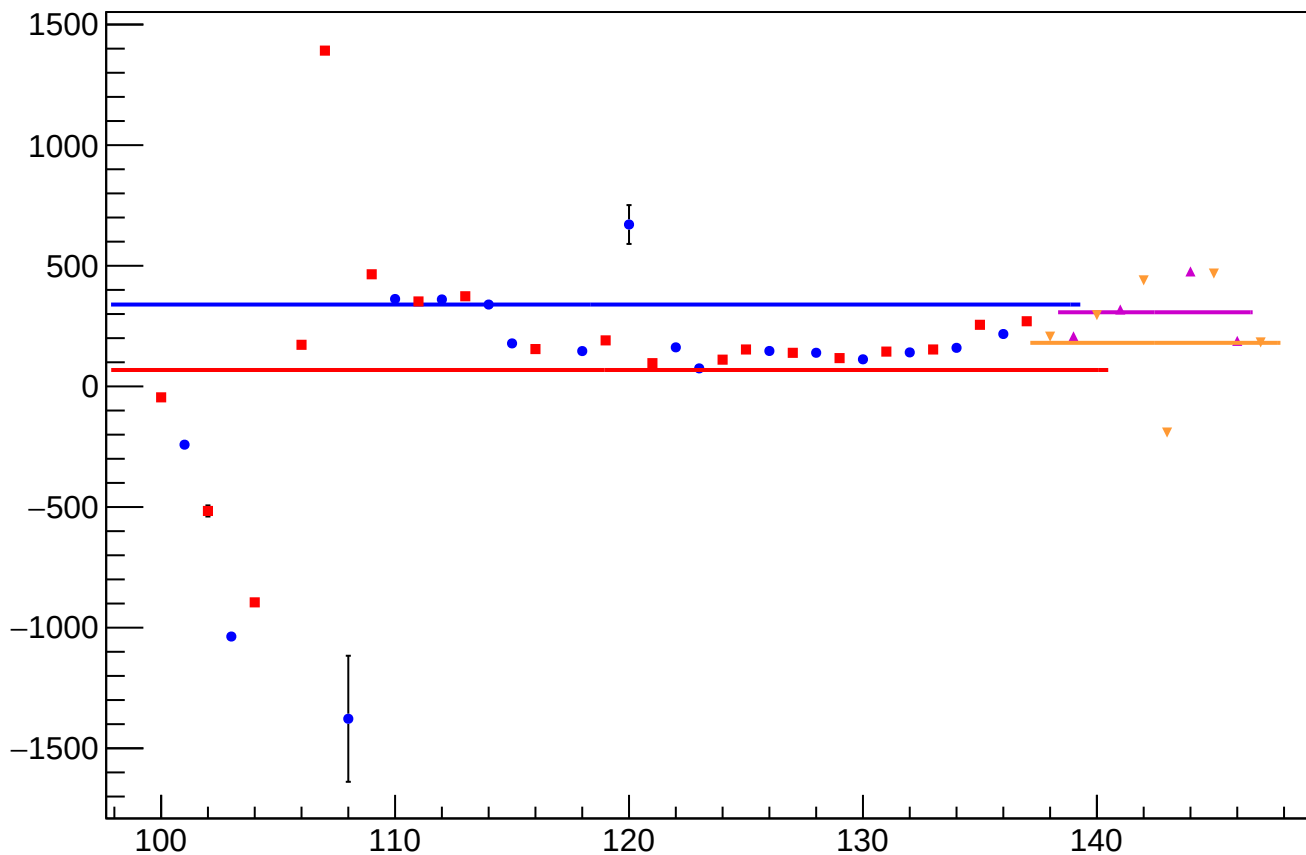
Right: -205.160+/-0.000 χ^2/NDF : 968522.3/35

In: -205.160+/-0.000 χ^2/NDF : 603493.4/20

Out: -79.301+/-0.244 χ^2/NDF : 178105.3/24

All: -205.160+/-0.000 χ^2/NDF : 1048317.3/45

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 180.605+/-0.494 χ^2/NDF : 76564.4/5

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

Left In: 307.291+/-0.742 χ^2/NDF : 19087.7/3

Left: 219.573+/-0.411 χ^2/NDF : 115861.9/9

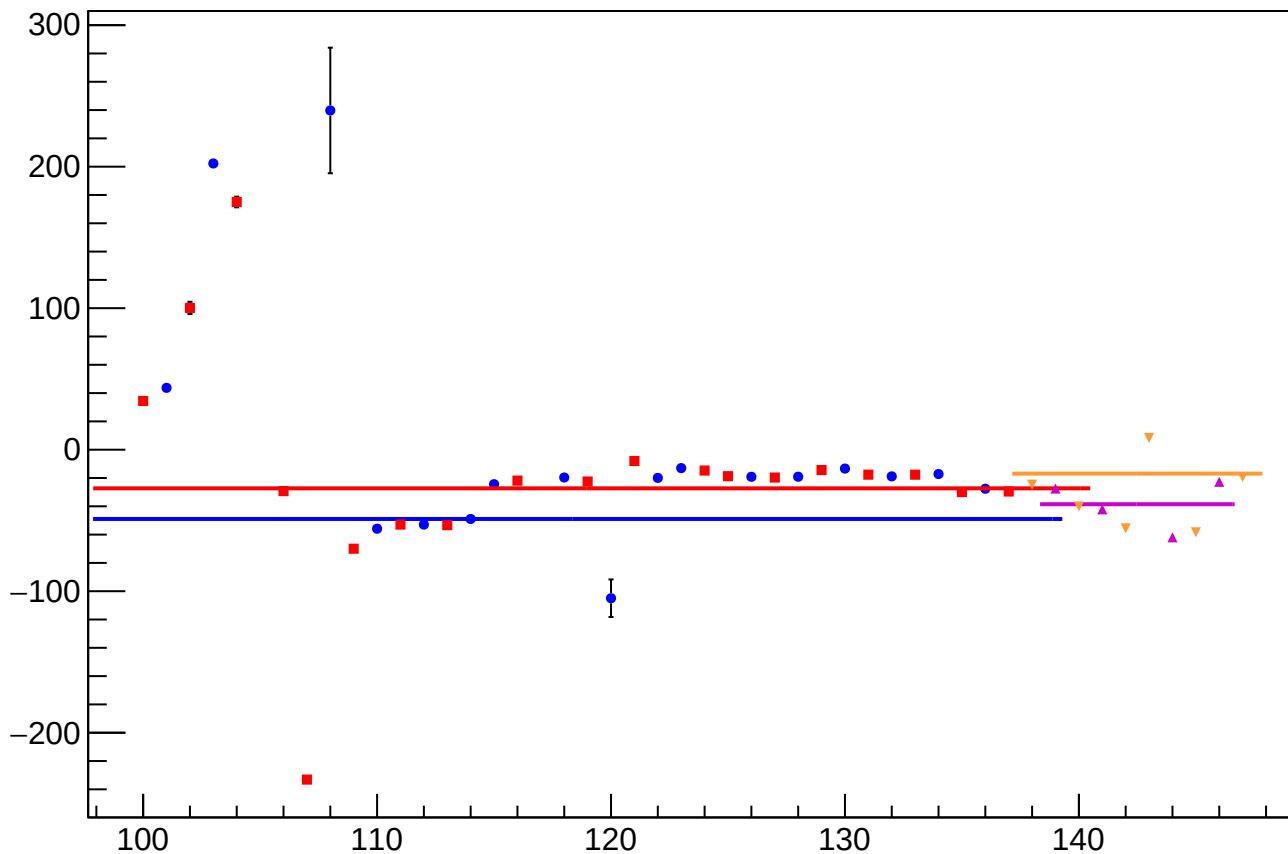
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1051560.3/20

Out: 96.277+/-0.248 χ^2/NDF : 387760.9/24

All: 339.325+/-0.000 χ^2/NDF : 2402936.8/45

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945+/-0.000 χ^2/NDF : 5408370.4/16

Left Out: -16.895+/-0.021 χ^2/NDF : 527785.7/5

Right Out: -27.303+/-0.052 χ^2/NDF : 167879.9/18

Left In: -38.538+/-0.059 χ^2/NDF : 27812.1/3

Left: -19.263+/-0.020 χ^2/NDF : 673723.3/9

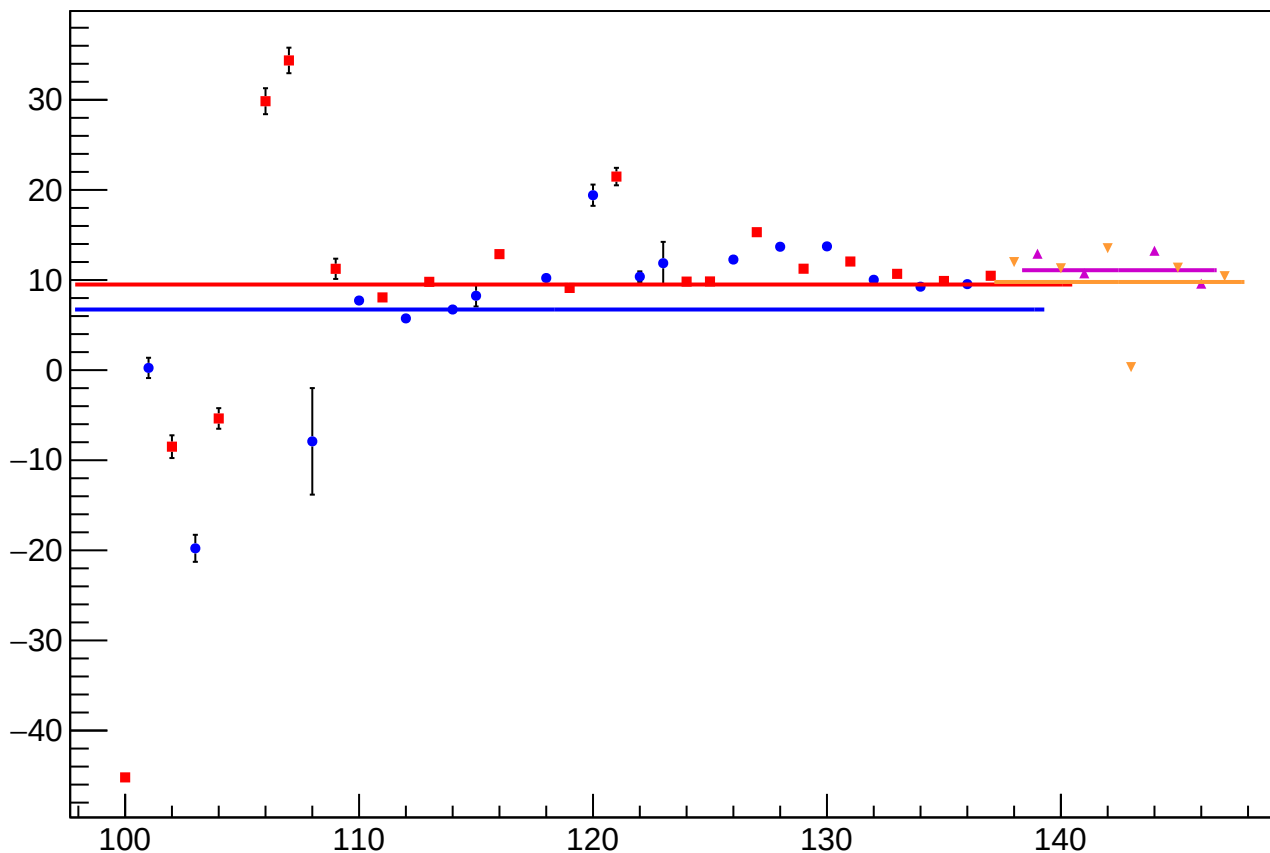
Right: -48.945+/-0.000 χ^2/NDF : 5751523.0/35

In: -48.945+/-0.000 χ^2/NDF : 5466853.7/20

Out: -18.349+/-0.019 χ^2/NDF : 730538.8/24

All: -48.945+/-0.000 χ^2/NDF : 8705997.9/45

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.784 $\pm$ 0.029 χ^2 /NDF:20554.4/5

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

Left In: 11.090 $\pm$ 0.035 χ^2 /NDF:1983.5/3

Left: 10.316 $\pm$ 0.023 χ^2 /NDF: 23349.3/9

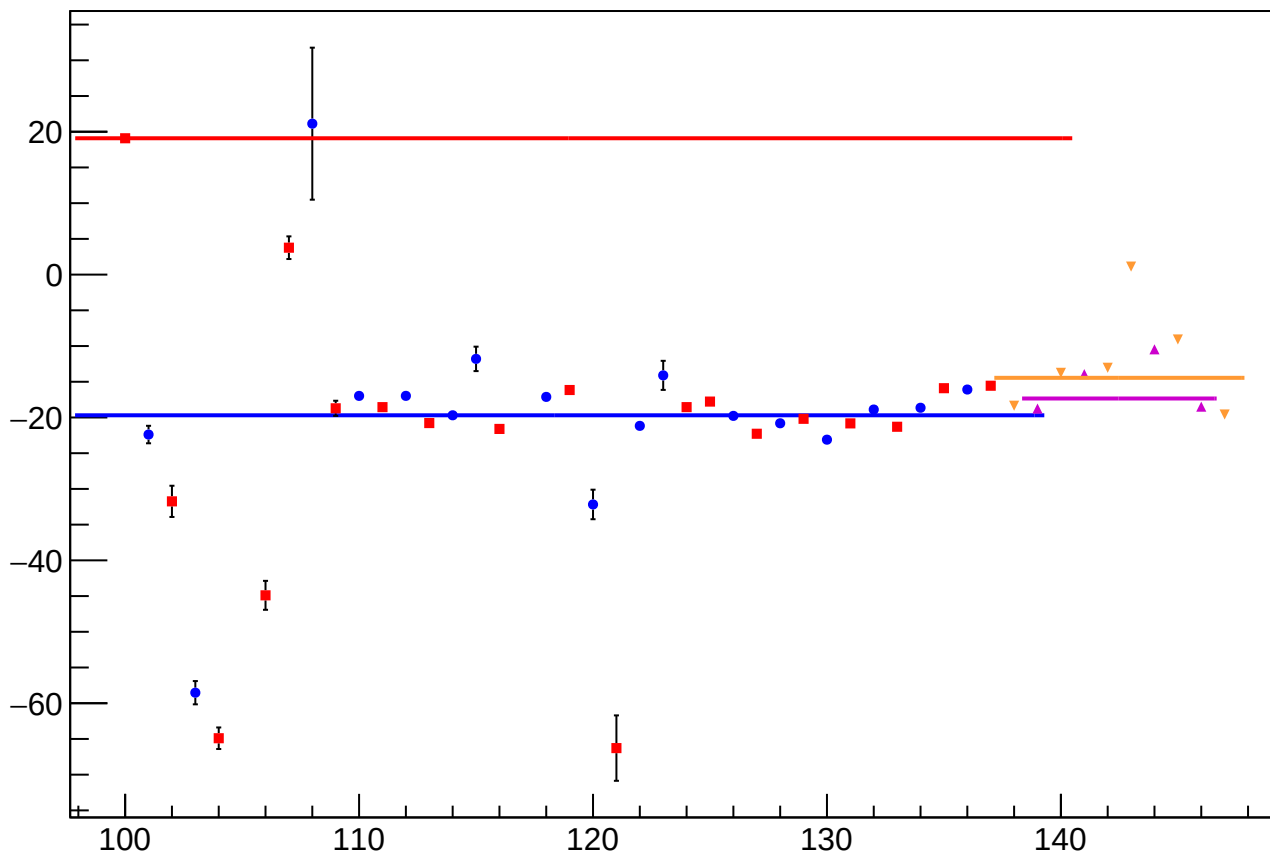
Right: 6.728 $\pm$ 0.000 χ^2 /NDF: 46635.2/35

In: 6.728 $\pm$ 0.000 χ^2 /NDF:31011.5/20

Out: 9.671 $\pm$ 0.023 χ^2 /NDF:47414.0/24

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 95374.8/45

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF : 7579.0/16

Left Out: -14.449+/-0.039 χ^2/NDF :28038.2/5

Right Out: 19.086+/-0.000 χ^2/NDF : 610746.9/18

Left In: -17.343+/-0.043 χ^2/NDF :3468.0/3

Left: -15.745+/-0.029 χ^2/NDF : 33991.3/9

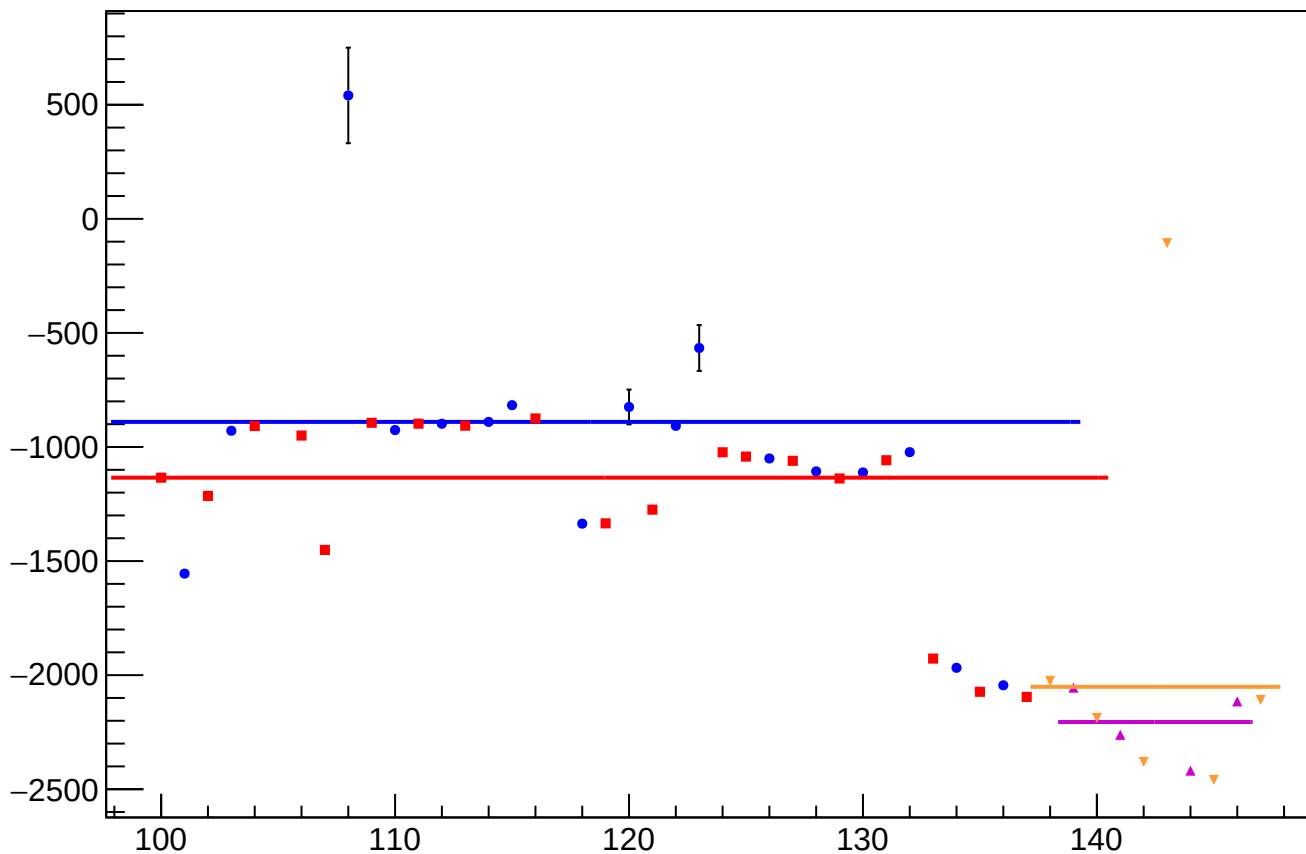
Right: -6.006+/-0.000 χ^2/NDF : 4625637731292657

In: -19.693+/-0.000 χ^2/NDF :14013.5/20

Out: 19.086+/-0.000 χ^2/NDF :1383799.6/24

All: -6.006+/-0.000 χ^2/NDF : 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928 ± 0.000 $\chi^2/\text{NDF}: 775896.0/16$

Left Out: -2051.245 ± 1.009 $\chi^2/\text{NDF}: 255075.1/5$

Right Out: -1134.421 ± 0.000 $\chi^2/\text{NDF}: 733812.0/18$

Left In: -2205.327 ± 1.003 $\chi^2/\text{NDF}: 21098.6/3$

Left: -2128.756 ± 0.711 $\chi^2/\text{NDF}: 287908.9/9$

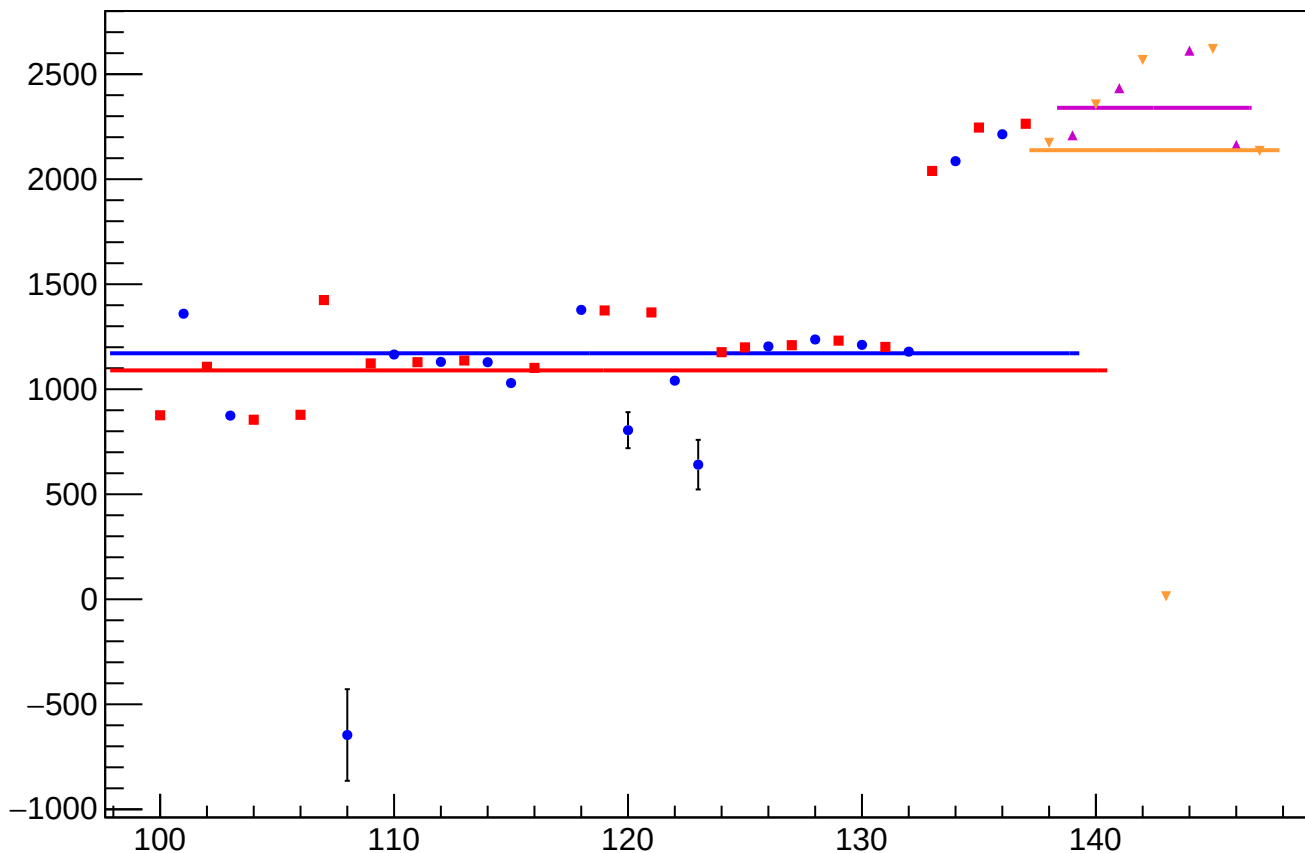
Right: -976.220 ± 0.000 $\chi^2/\text{NDF}: 44889787387498$

In: -889.928 ± 0.000 $\chi^2/\text{NDF}: 2518027.8/20$

Out: -1134.421 ± 0.000 $\chi^2/\text{NDF}: 1814820.8/24$

All: -976.220 ± 0.000 $\chi^2/\text{NDF}: 44889787387$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 ± 0.245 $\chi^2/\text{NDF}: 508989.2/16$

Left Out: 2138.092 ± 1.059 $\chi^2/\text{NDF}: 295444.7/5$

Right Out: 1089.705 ± 0.253 $\chi^2/\text{NDF}: 1100321.6/18$

Left In: 2339.899 ± 1.085 $\chi^2/\text{NDF}: 26041.7/3$

Left: 2236.604 ± 0.758 $\chi^2/\text{NDF}: 339204.5/9$

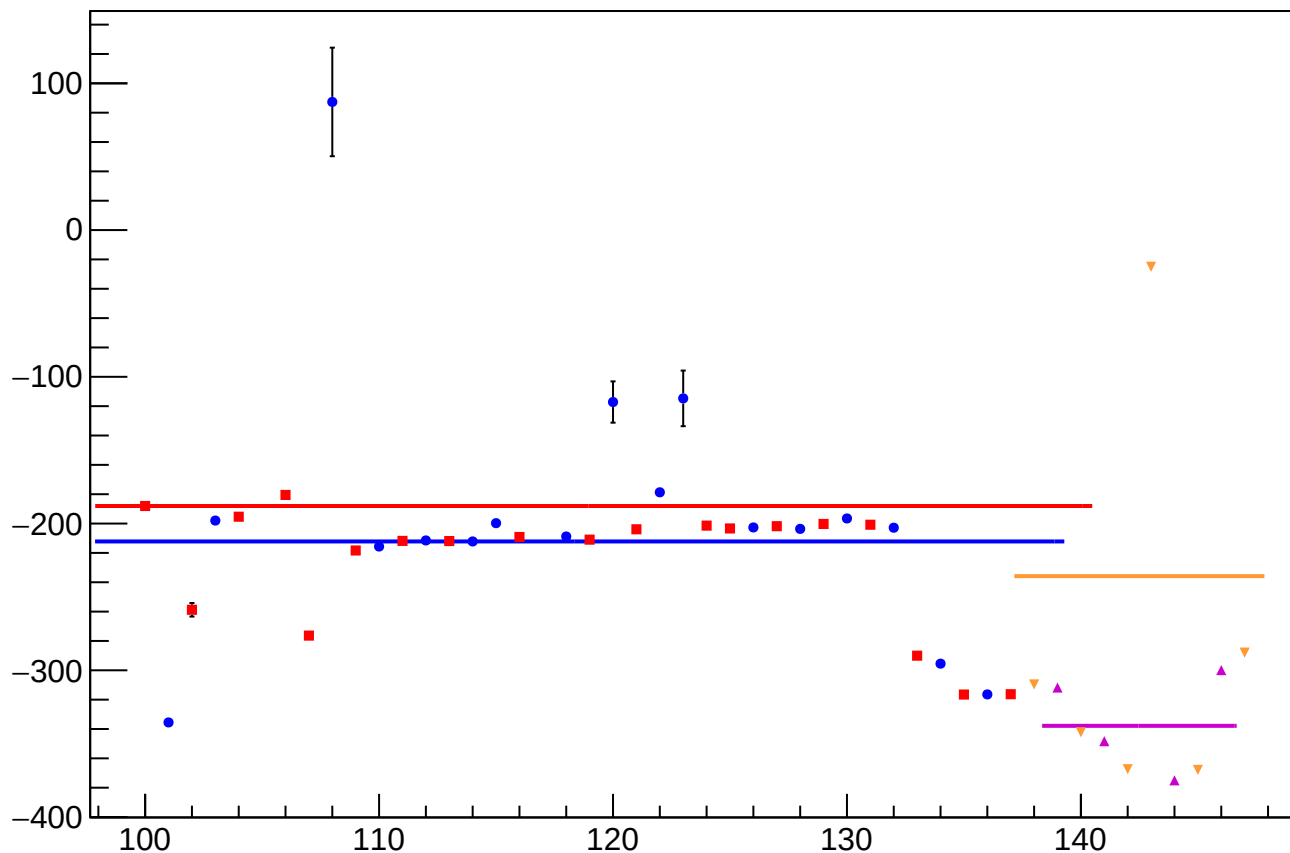
Right: 1131.764 ± 0.176 $\chi^2/\text{NDF}: 1662665.0/35$

In: 1228.085 ± 0.239 $\chi^2/\text{NDF}: 1639463.9/20$

Out: 1146.473 ± 0.246 $\chi^2/\text{NDF}: 2322292.5/24$

All: 1188.481 ± 0.172 $\chi^2/\text{NDF}: 4018185.6/45$

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -235.843 ± 0.057 $\chi^2/\text{NDF}: 4967738.9/5$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

Left In: -337.838 ± 0.094 $\chi^2/\text{NDF}: 53410.7/3$

Left: -263.678 ± 0.049 $\chi^2/\text{NDF}: 5880744.0/9$

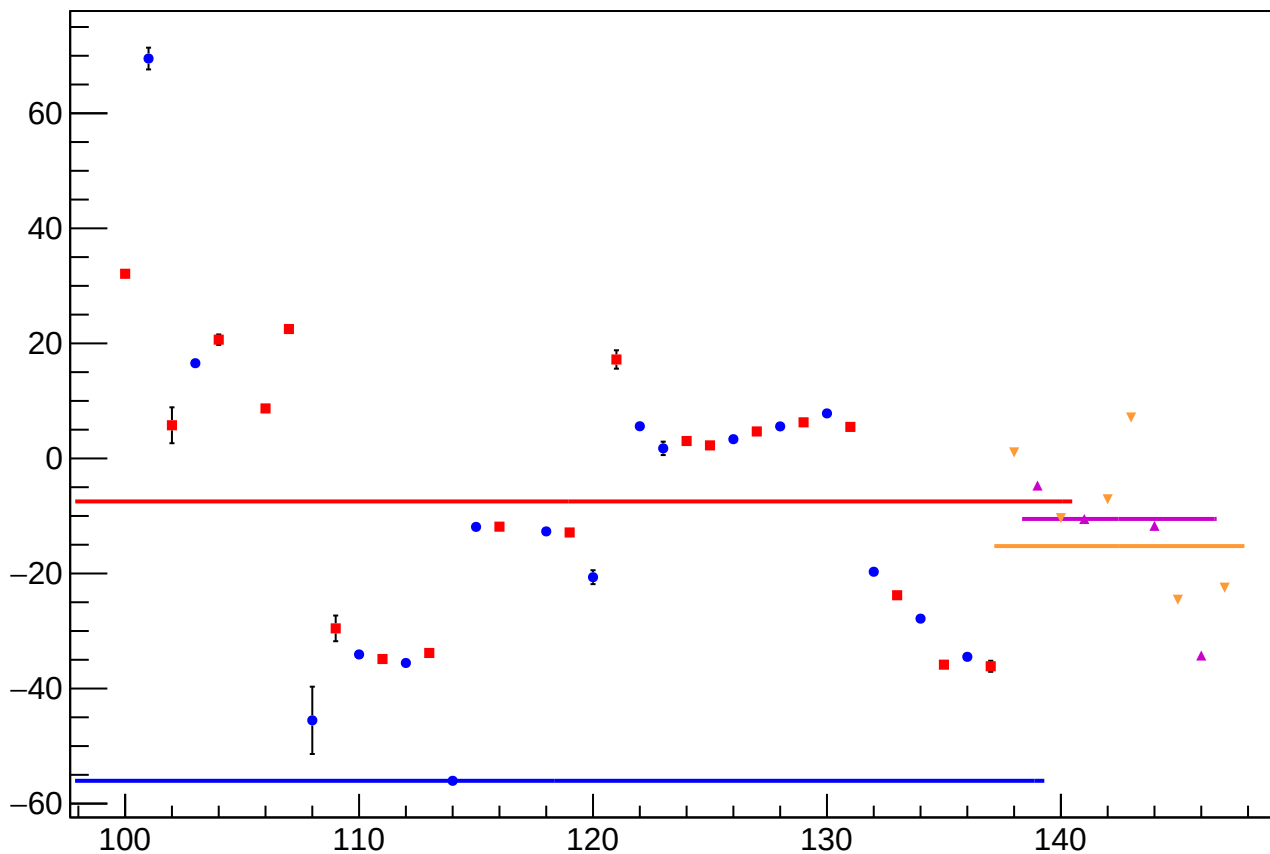
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 2996745.9/20$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 6262091.5/24$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -15.238 $\pm$ 0.058 χ^2 /NDF:32514.0/5

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

Left In: -10.516 $\pm$ 0.074 χ^2 /NDF:5975.0/3

Left: -13.453 $\pm$ 0.046 χ^2 /NDF: 41004.3/9

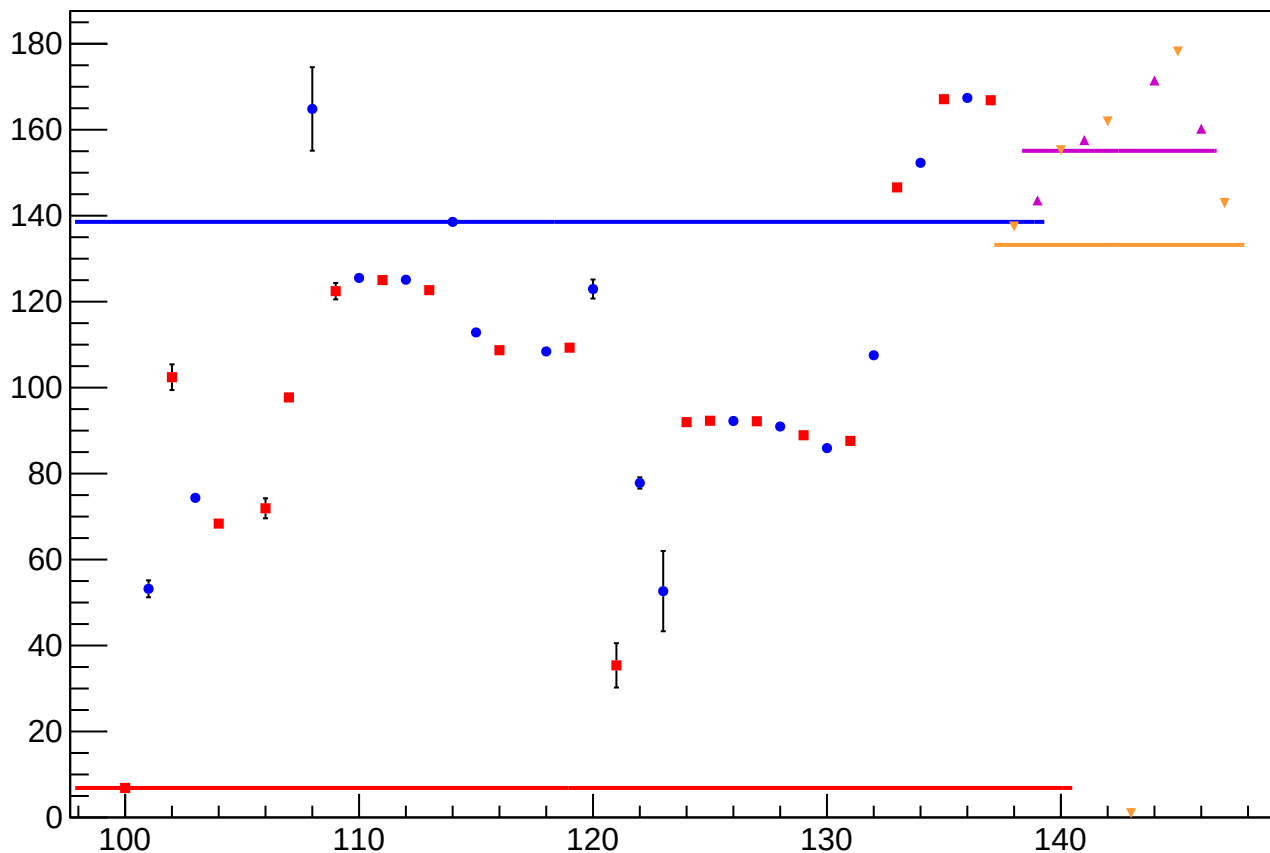
Right: -56.037 $\pm$ 0.000 χ^2 /NDF: 3084882.3/35

In: -56.037 $\pm$ 0.000 χ^2 /NDF:1967252.0/20

Out: -10.168 $\pm$ 0.034 χ^2 /NDF:218152.2/24

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 3996073.8/45

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 133.212 $\pm$ 0.082 χ^2 /NDF:287681.4/5

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

Left In: 155.093 $\pm$ 0.091 χ^2 /NDF:7625.0/3

Left: 142.950 $\pm$ 0.061 χ^2 /NDF: 327128.6/9

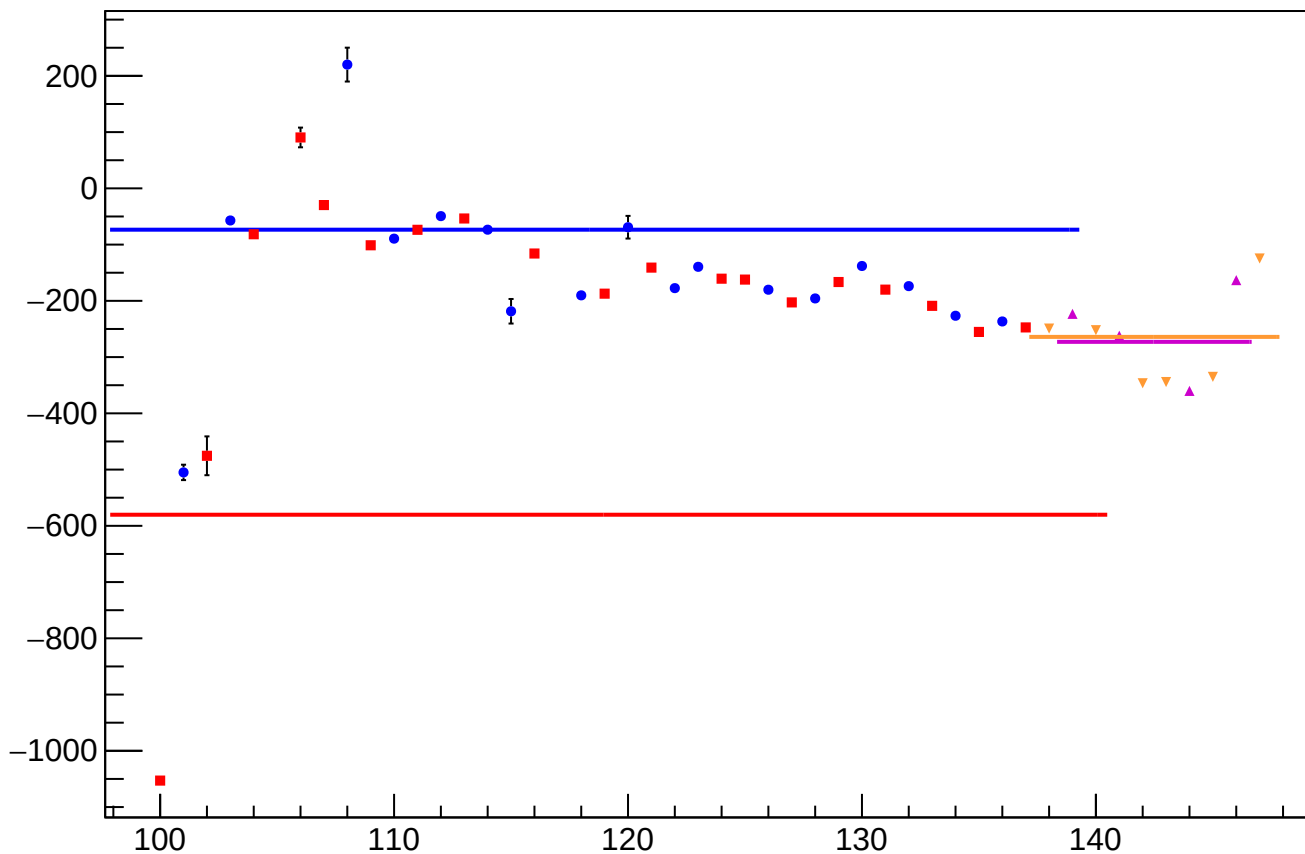
Right: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

In: 138.565 $\pm$ 0.000 χ^2 /NDF:941501.6/20

Out: 6.866 $\pm$ 0.000 χ^2 /NDF:10719124.1/24

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -264.076 ± 0.462 $\chi^2/\text{NDF}: 18537.8/5$

Right Out: -580.262 ± 0.261 $\chi^2/\text{NDF}: 3031609.5/18$

Left In: -272.898 ± 0.529 $\chi^2/\text{NDF}: 12204.1/3$

Left: -267.887 ± 0.348 $\chi^2/\text{NDF}: 30899.6/9$

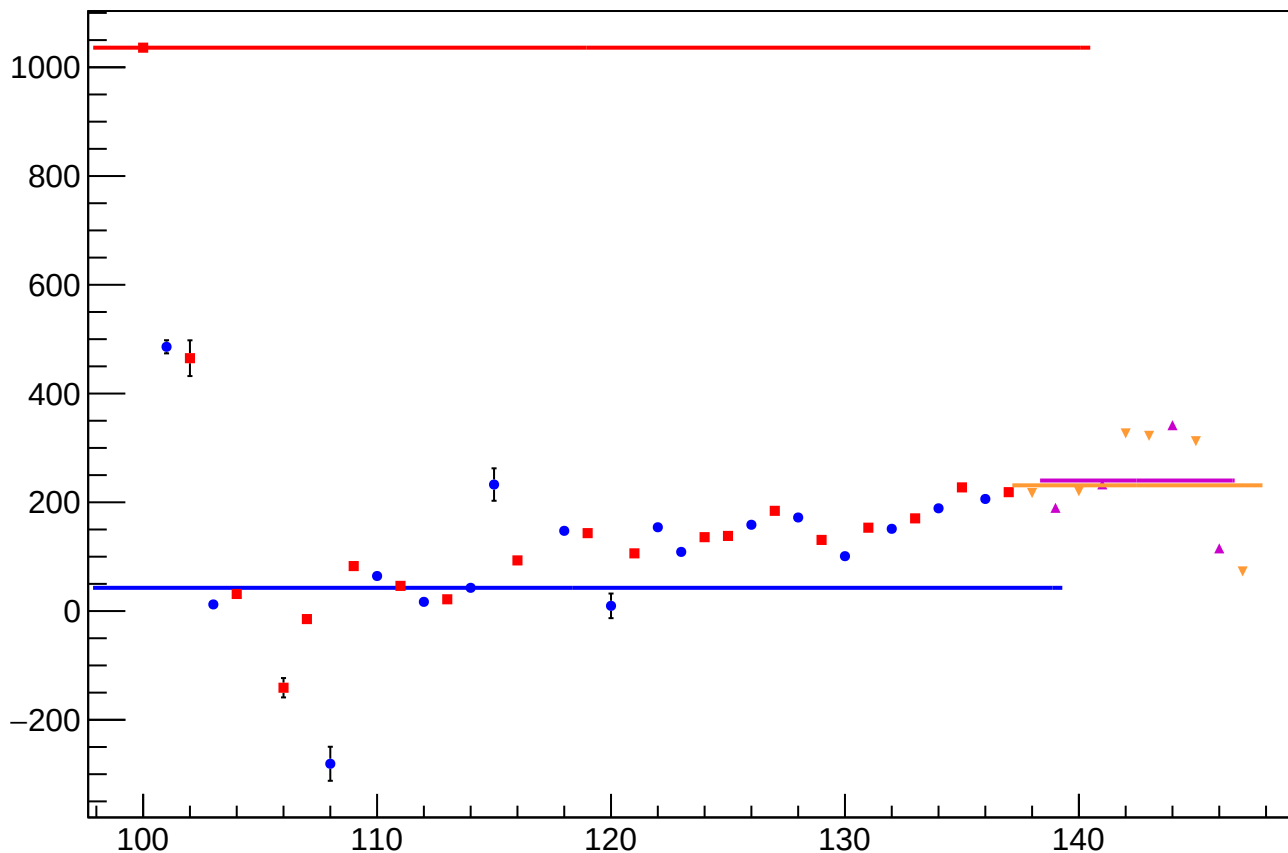
Right: -73.485 ± 0.000 $\chi^2/\text{NDF}: 6902096.9/35$

In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 252808.0/20$

Out: -503.701 ± 0.227 $\chi^2/\text{NDF}: 3405667.2/24$

All: -73.485 ± 0.000 $\chi^2/\text{NDF}: 7245187.2/45$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 231.226+/-0.481 χ^2/NDF :22462.7/5

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

Left In: 240.072+/-0.557 χ^2/NDF :13608.8/3

Left: 235.003+/-0.364 χ^2/NDF : 36215.9/9

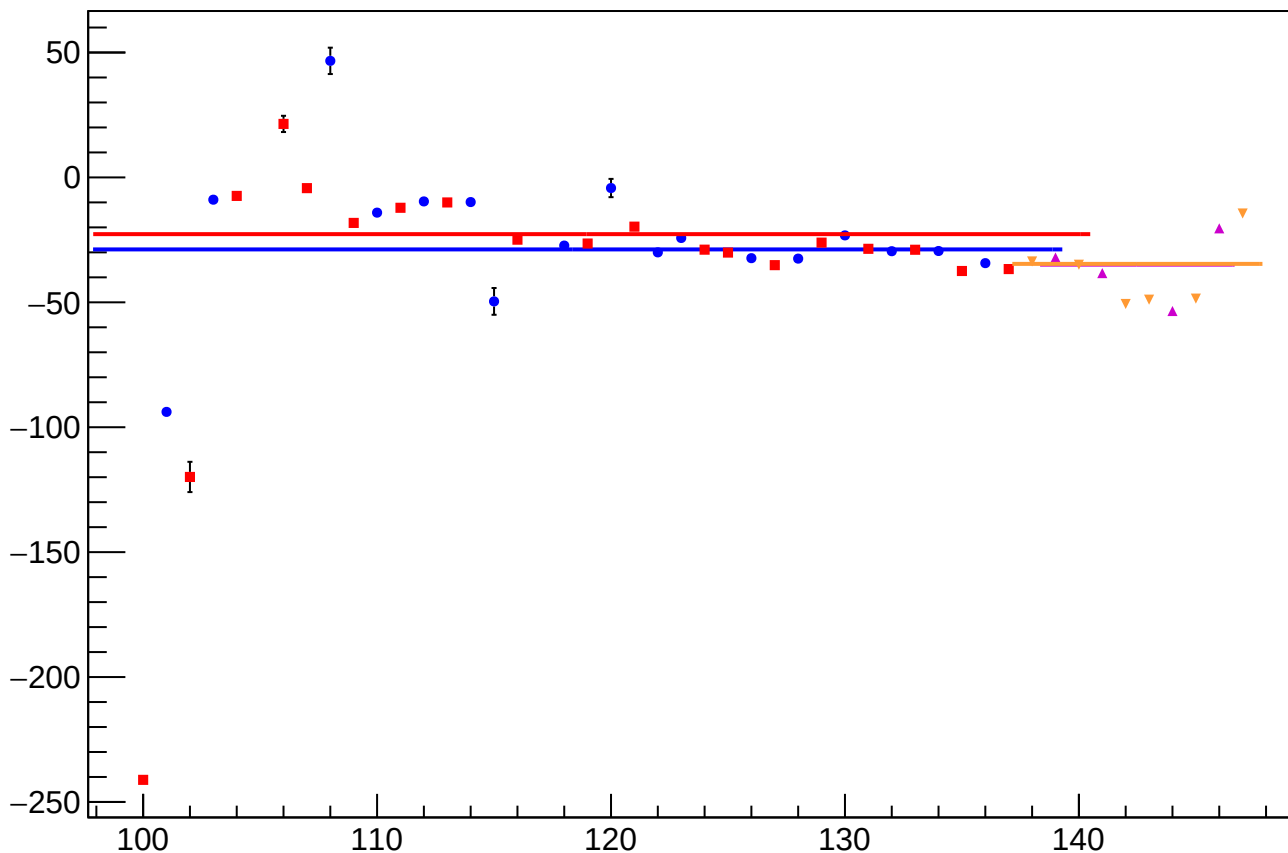
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF :223619.5/20

Out: 1036.068+/-0.000 χ^2/NDF :7755329.9/24

All: 43.272+/-0.000 χ^2/NDF : 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -34.613 ± 0.031 $\chi^2/\text{NDF}: 75776.7/5$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -34.918 ± 0.041 $\chi^2/\text{NDF}: 29048.4/3$

Left: -34.721 ± 0.025 $\chi^2/\text{NDF}: 104860.0/9$

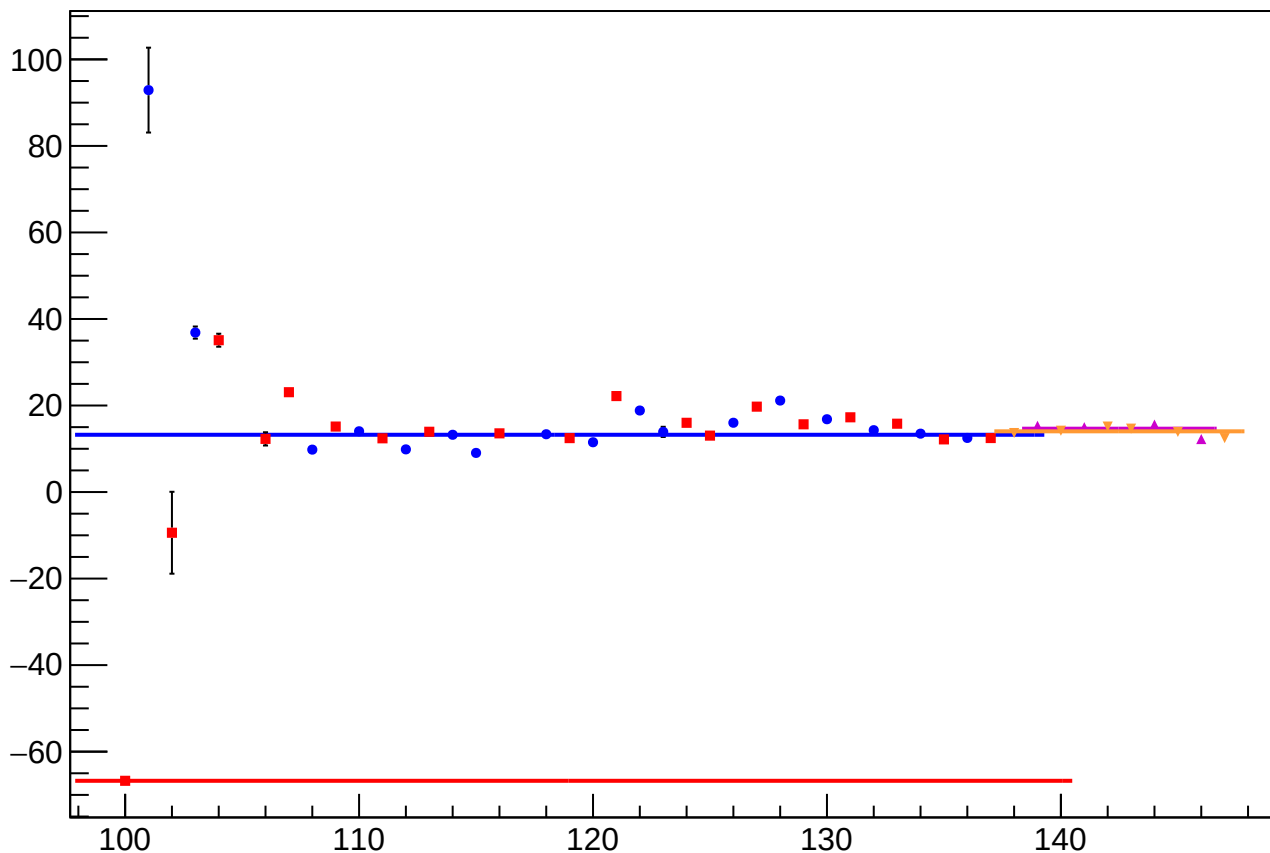
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -31.335 ± 0.027 $\chi^2/\text{NDF}: 91244.3/20$

Out: -29.903 ± 0.024 $\chi^2/\text{NDF}: 545023.8/24$

All: -30.543 ± 0.018 $\chi^2/\text{NDF}: 637866.7/45$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 14.035 $\pm$ 0.032 χ^2 /NDF:547.6/5

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

Left In: 14.643 $\pm$ 0.032 χ^2 /NDF:1551.7/3

Left: 14.338 $\pm$ 0.023 χ^2 /NDF: 2275.8/9

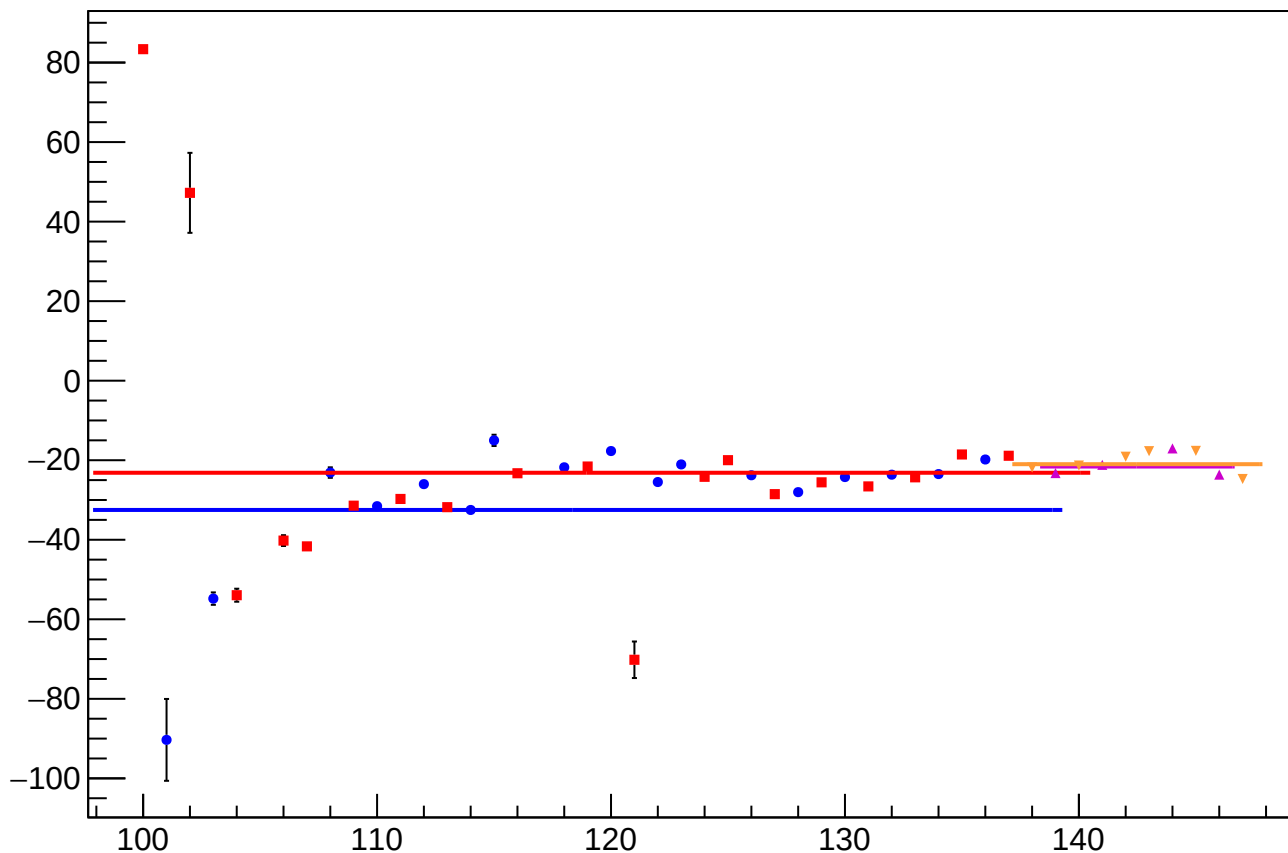
Right: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651005

In: 13.238 $\pm$ 0.000 χ^2 /NDF:9184.5/20

Out: -66.739 $\pm$ 0.000 χ^2 /NDF:9266454.8/24

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 74187.4/16

Left Out: -20.997 $\pm$ 0.037 χ^2 /NDF: 5637.5/5

Right Out: -23.151 $\pm$ 0.048 χ^2 /NDF: 90749.4/18

Left In: -21.585 $\pm$ 0.056 χ^2 /NDF: 1968.4/3

Left: -21.175 $\pm$ 0.031 χ^2 /NDF: 7682.8/9

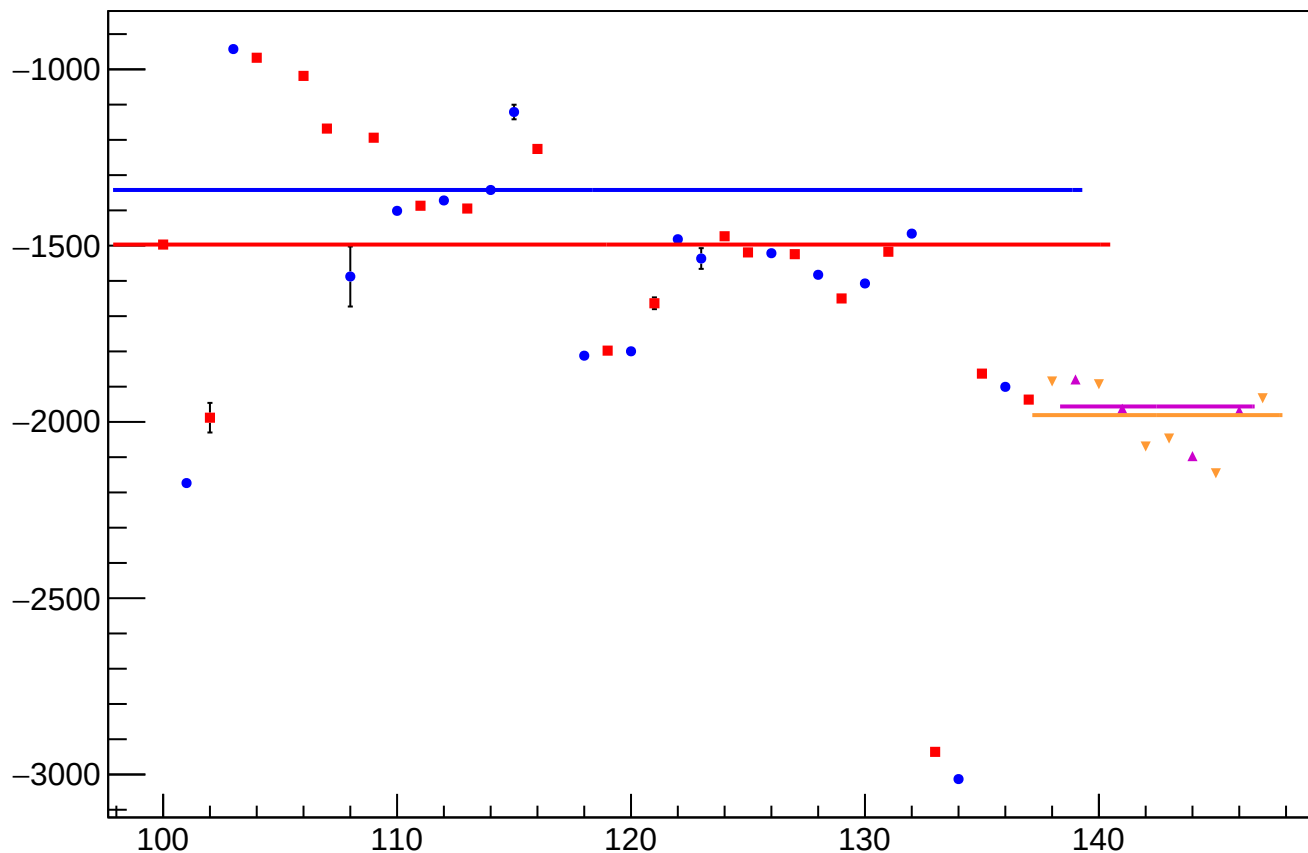
Right: -32.504 $\pm$ 0.000 χ^2 /NDF: 203519.3/35

In: -32.504 $\pm$ 0.000 χ^2 /NDF: 114050.3/20

Out: -21.806 $\pm$ 0.029 χ^2 /NDF: 97665.0/24

All: -32.504 $\pm$ 0.000 χ^2 /NDF: 346115.6/45

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1980.682 $\pm$ 0.832 χ^2 /NDF:10849.3/5

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

Left In: -1956.164 $\pm$ 0.699 χ^2 /NDF:12572.1/3

Left: -1966.307 $\pm$ 0.535 χ^2 /NDF: 23931.1/9

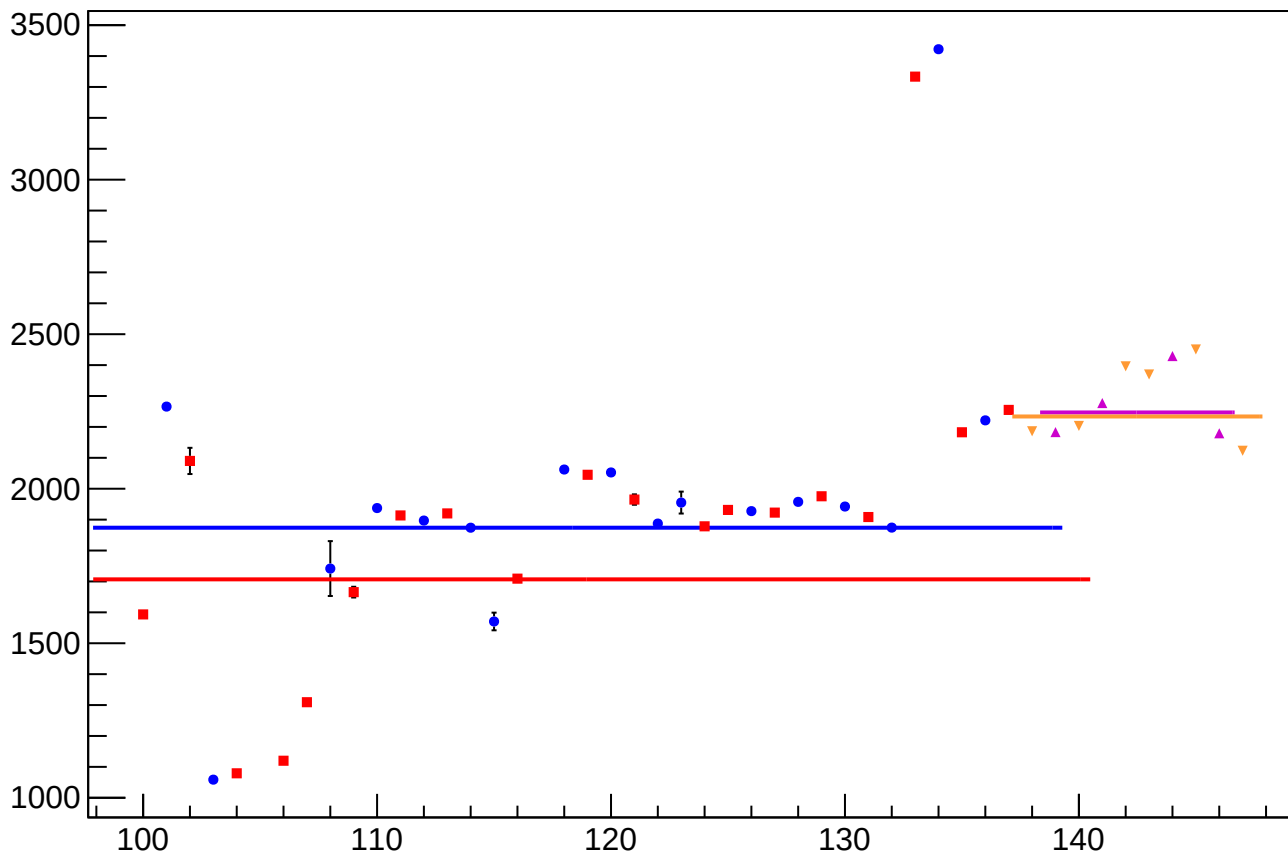
Right: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126763

In: -1342.107 $\pm$ 0.000 χ^2 /NDF:1156225.5/20

Out: -1496.932 $\pm$ 0.000 χ^2 /NDF:853966.6/24

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 201563.9/16

Left Out: 2233.759 $\pm$ 0.894 χ^2 /NDF:16912.9/5

Right Out: 1706.739 $\pm$ 0.302 χ^2 /NDF: 837936.9/18

Left In: 2246.765 $\pm$ 0.734 χ^2 /NDF:15797.6/3

Left: 2241.531 $\pm$ 0.567 χ^2 /NDF: 32837.0/9

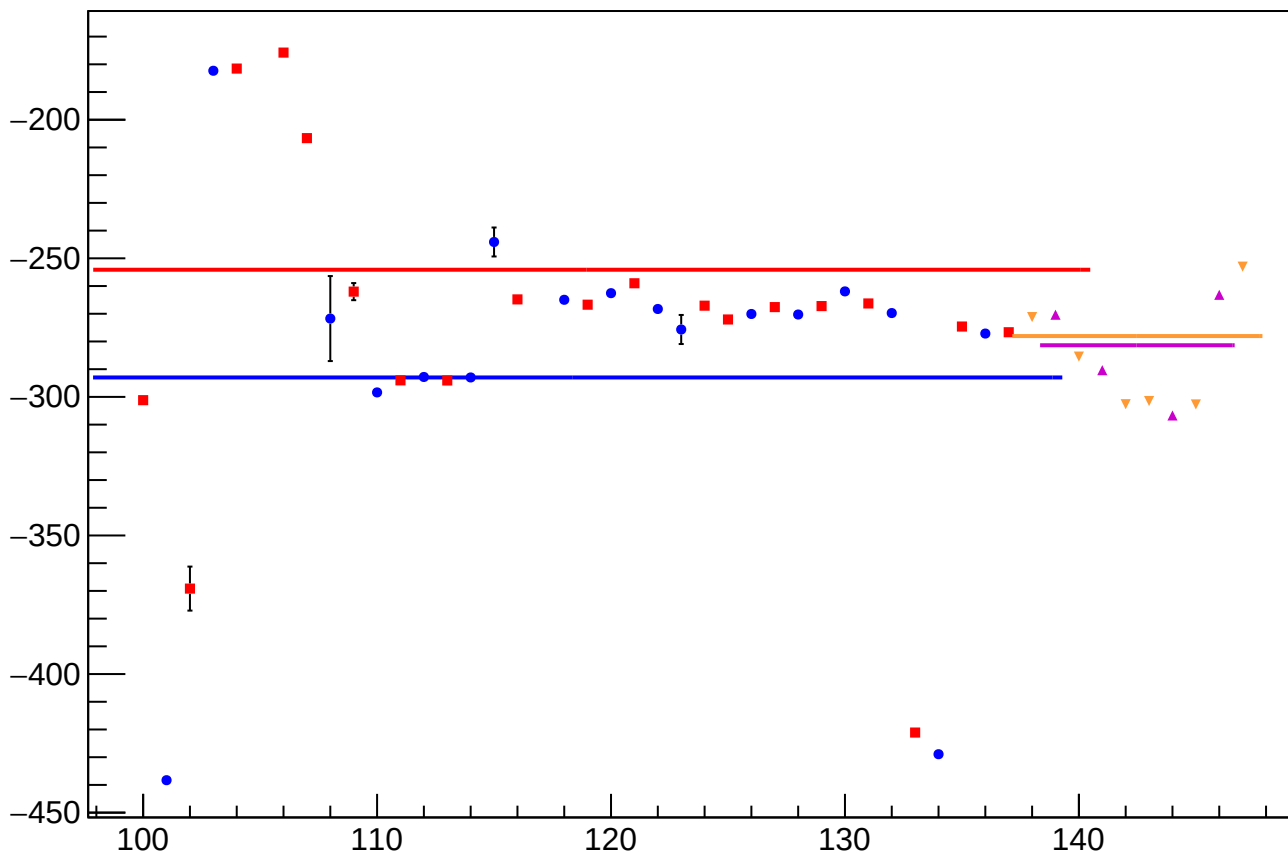
Right: 1873.852 $\pm$ 0.000 χ^2 /NDF: 1344906.8/35

In: 1873.852 $\pm$ 0.000 χ^2 /NDF:475809.4/20

Out: 1760.863 $\pm$ 0.286 χ^2 /NDF:1166793.3/24

All: 1873.852 $\pm$ 0.000 χ^2 /NDF: 1798195.5/45

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -278.048 ± 0.065 $\chi^2/\text{NDF}: 78762.3/5$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

Left In: -281.366 ± 0.058 $\chi^2/\text{NDF}: 49836.7/3$

Left: -279.898 ± 0.043 $\chi^2/\text{NDF}: 130059.2/9$

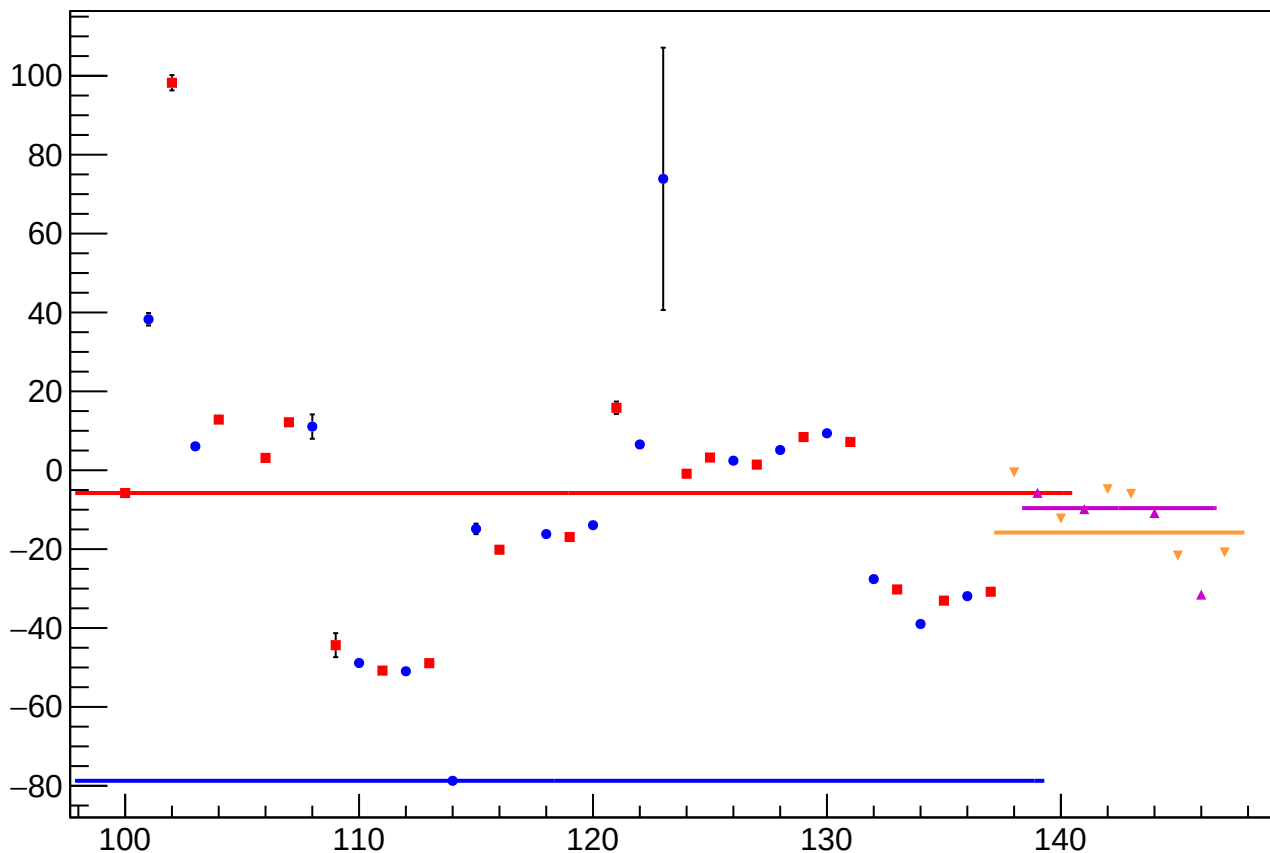
Right: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1952225.7/35$

In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1105919.4/20$

Out: -264.959 ± 0.044 $\chi^2/\text{NDF}: 655938.6/24$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 2174397.8/45$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728 $\pm$ 0.000 χ^2 /NDF: 1399088.3/16

Left Out: -15.791 $\pm$ 0.050 χ^2 /NDF:14122.2/5

Right Out: -5.769 $\pm$ 0.000 χ^2 /NDF: 111570.1/18

Left In: -9.597 $\pm$ 0.060 χ^2 /NDF:6702.0/3

Left: -13.249 $\pm$ 0.039 χ^2 /NDF: 27051.7/9

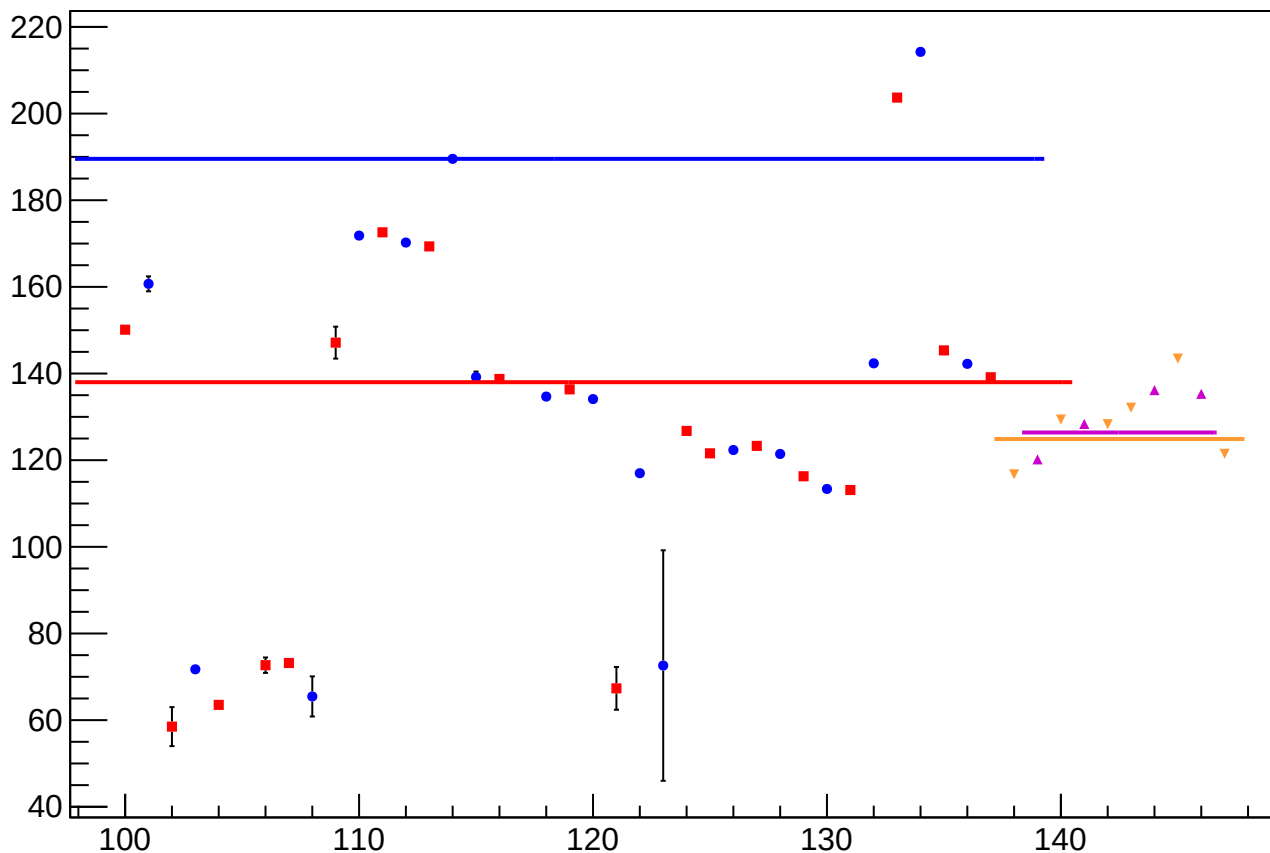
Right: -6.288 $\pm$ 0.000 χ^2 /NDF: 2878797679293380

In: -78.728 $\pm$ 0.000 χ^2 /NDF:2721374.4/20

Out: -5.769 $\pm$ 0.000 χ^2 /NDF:165417.1/24

All: -6.288 $\pm$ 0.000 χ^2 /NDF: 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 124.881 $\pm$ 0.065 χ^2 /NDF: 6805.9/5

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

Left In: 126.393 $\pm$ 0.064 χ^2 /NDF: 5741.9/3

Left: 125.652 $\pm$ 0.046 χ^2 /NDF: 12820.3/9

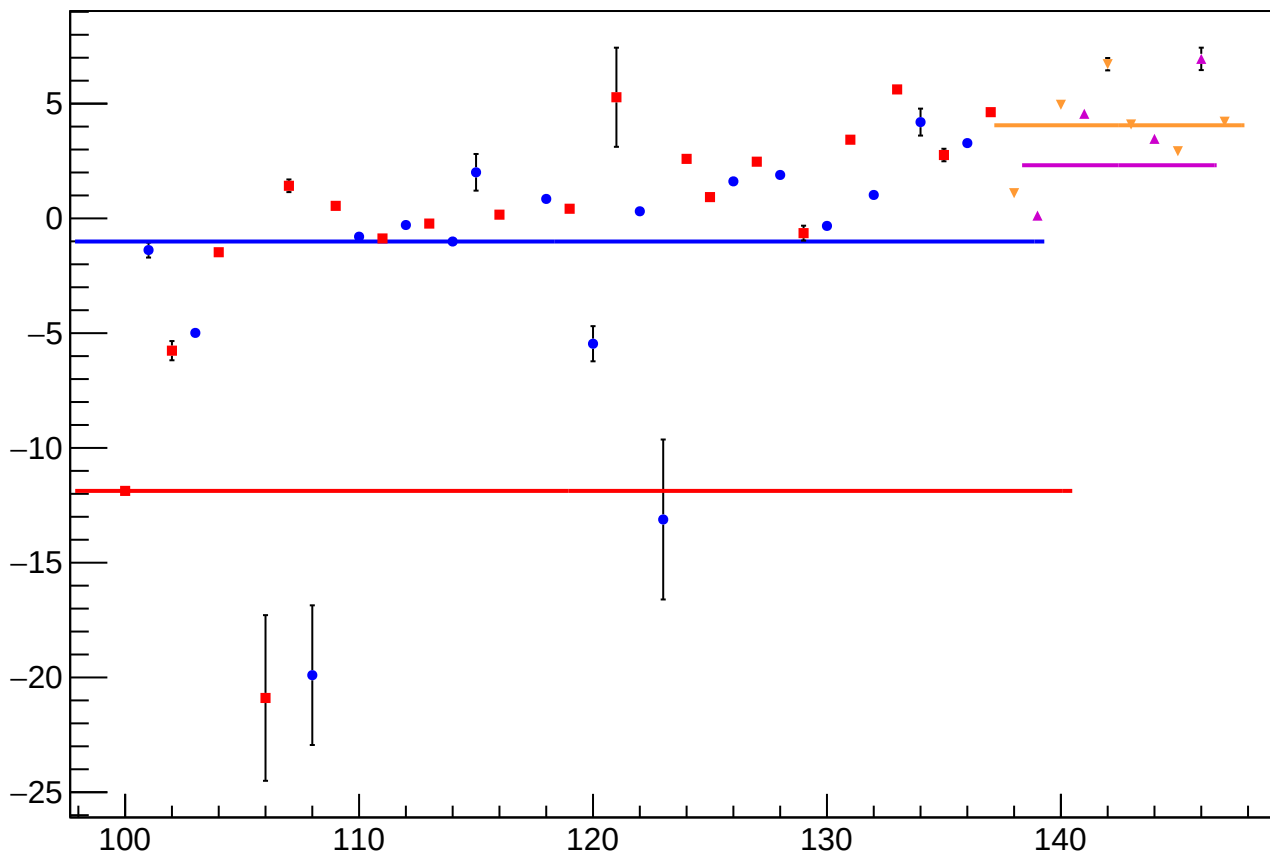
Right: 189.551 $\pm$ 0.000 χ^2 /NDF: 1806450.5/35

In: 189.551 $\pm$ 0.000 χ^2 /NDF: 1904671.0/20

Out: 132.104 $\pm$ 0.044 χ^2 /NDF: 146346.2/24

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 3769578.2/45

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 4.057 ± 0.051 χ^2/NDF : 477.5/5

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

Left In: 2.316 ± 0.043 χ^2/NDF : 2051.9/3

Left: 3.041 ± 0.033 χ^2/NDF : 3207.5/9

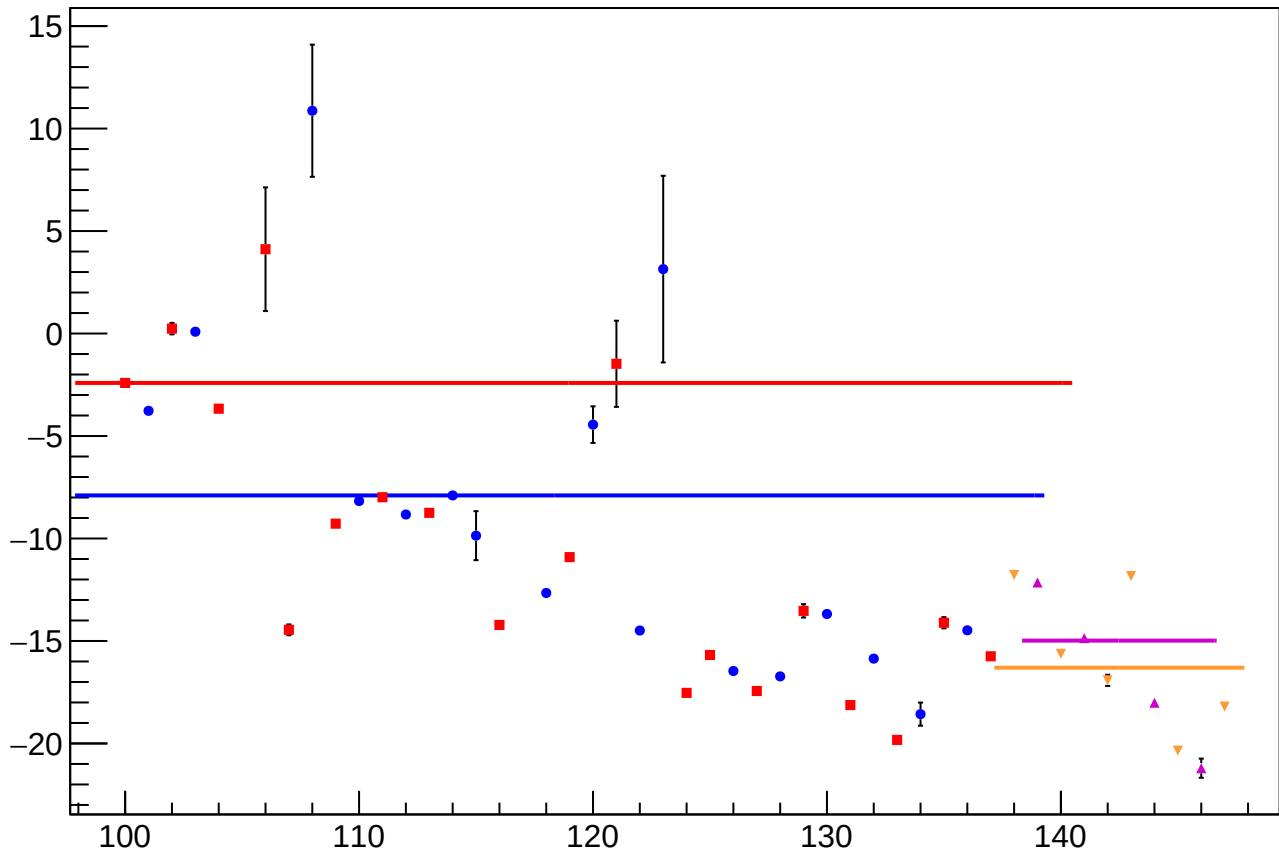
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 15039.9/20

Out: -11.872 ± 0.000 χ^2/NDF : 601343.8/24

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.304 ± 0.050 χ^2/NDF : 3431.5/5

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

Left In: -14.981 ± 0.062 χ^2/NDF : 1295.6/3

Left: -15.773 ± 0.039 χ^2/NDF : 5003.6/9

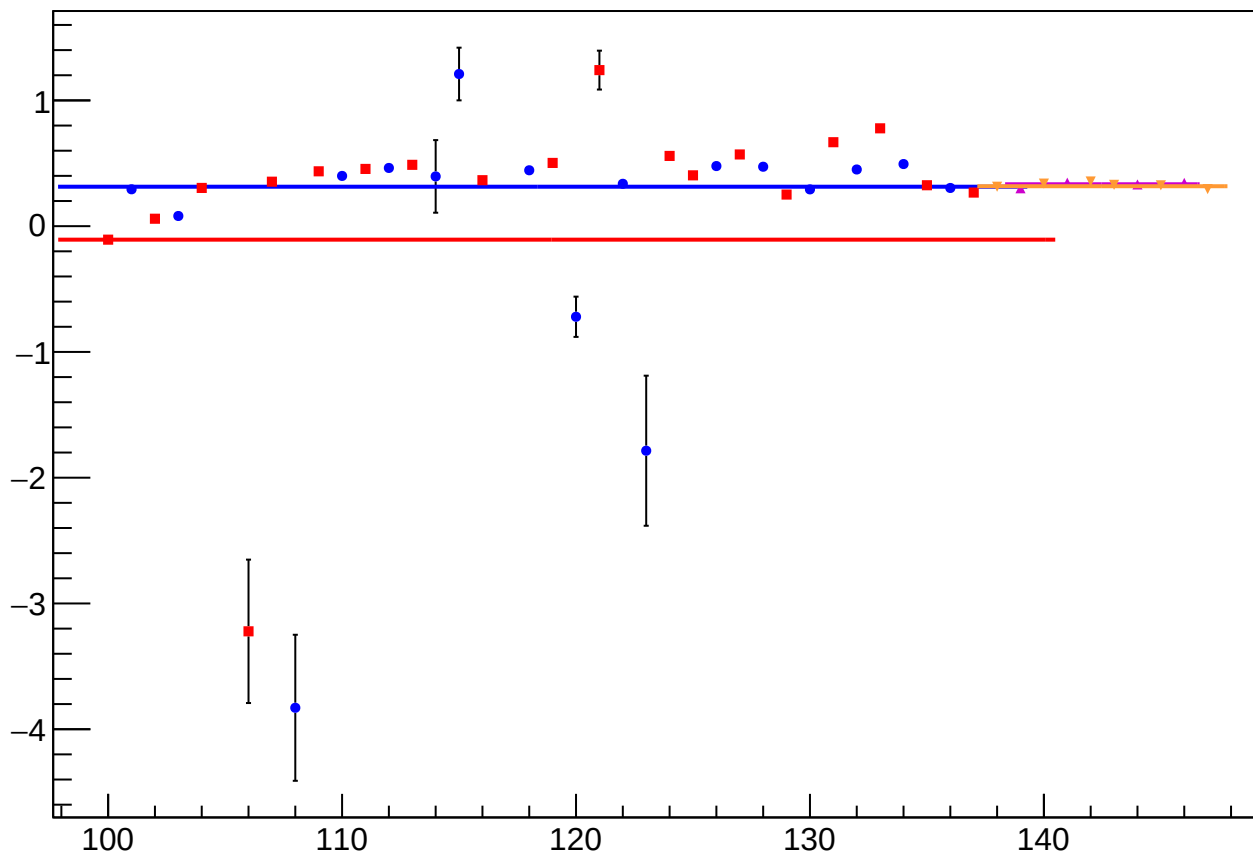
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 53987.9/20

Out: -2.410 ± 0.000 χ^2/NDF : 282433.9/24

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314+/-0.001 χ^2/NDF : 2748.0/16

Left Out: 0.318+/-0.001 χ^2/NDF : 1074.4/5

Right Out: -0.107+/-0.000 χ^2/NDF : 219932.8/18

Left In: 0.333+/-0.001 χ^2/NDF : 268.3/3

Left: 0.324+/-0.000 χ^2/NDF : 1635.2/9

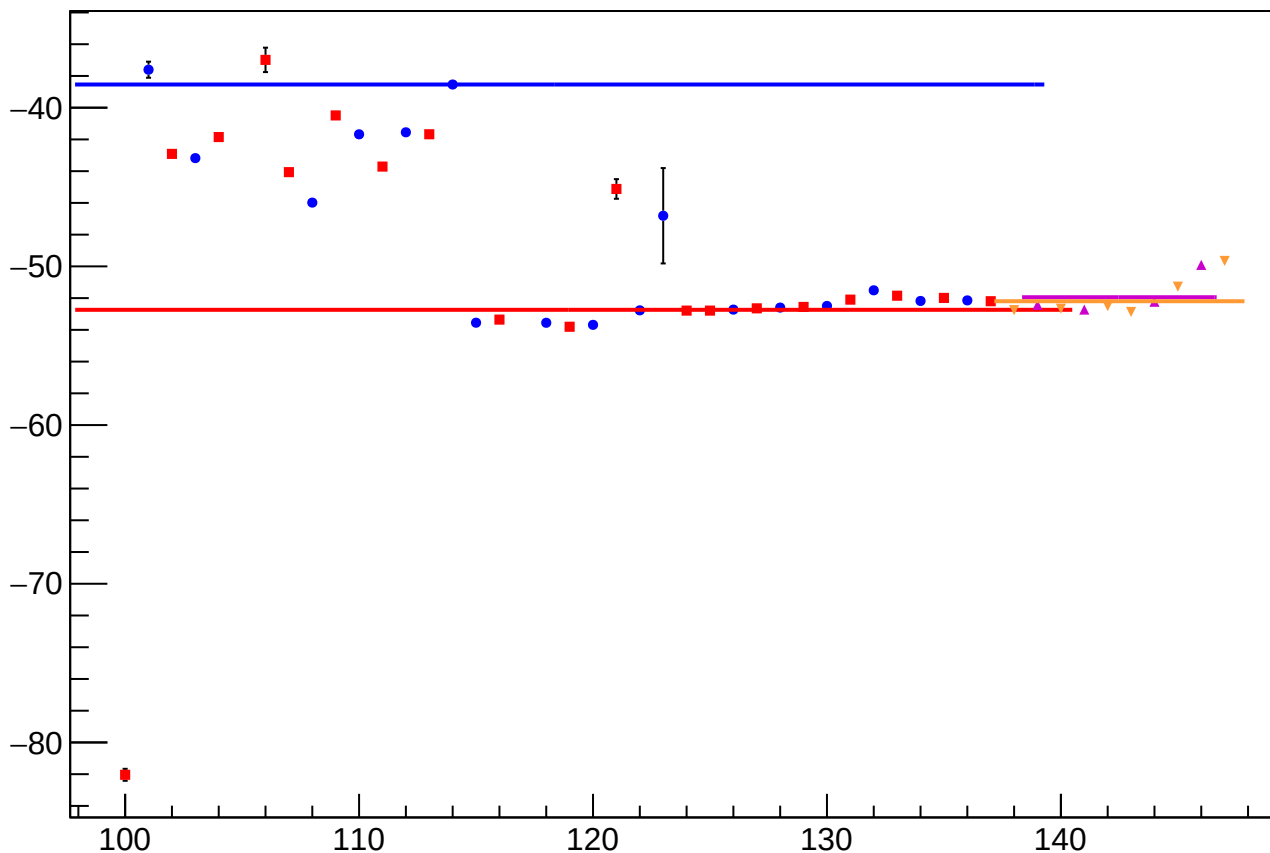
Right: -0.107+/-0.000 χ^2/NDF : 409026.8/35

In: 0.326+/-0.001 χ^2/NDF : 3277.0/20

Out: -0.107+/-0.000 χ^2/NDF : 759843.2/24

All: -0.107+/-0.000 χ^2/NDF : 1335307.0/45

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 $\pm$ 0.000 χ^2/NDF : 14950854.6/16

Left Out: -52.195 $\pm$ 0.005 χ^2/NDF : 61843.1/5

Right Out: -52.737 $\pm$ 0.002 χ^2/NDF : 87430.2/18

Left In: -51.944 $\pm$ 0.006 χ^2/NDF : 39773.2/3

Left: -52.091 $\pm$ 0.004 χ^2/NDF : 102766.6/9

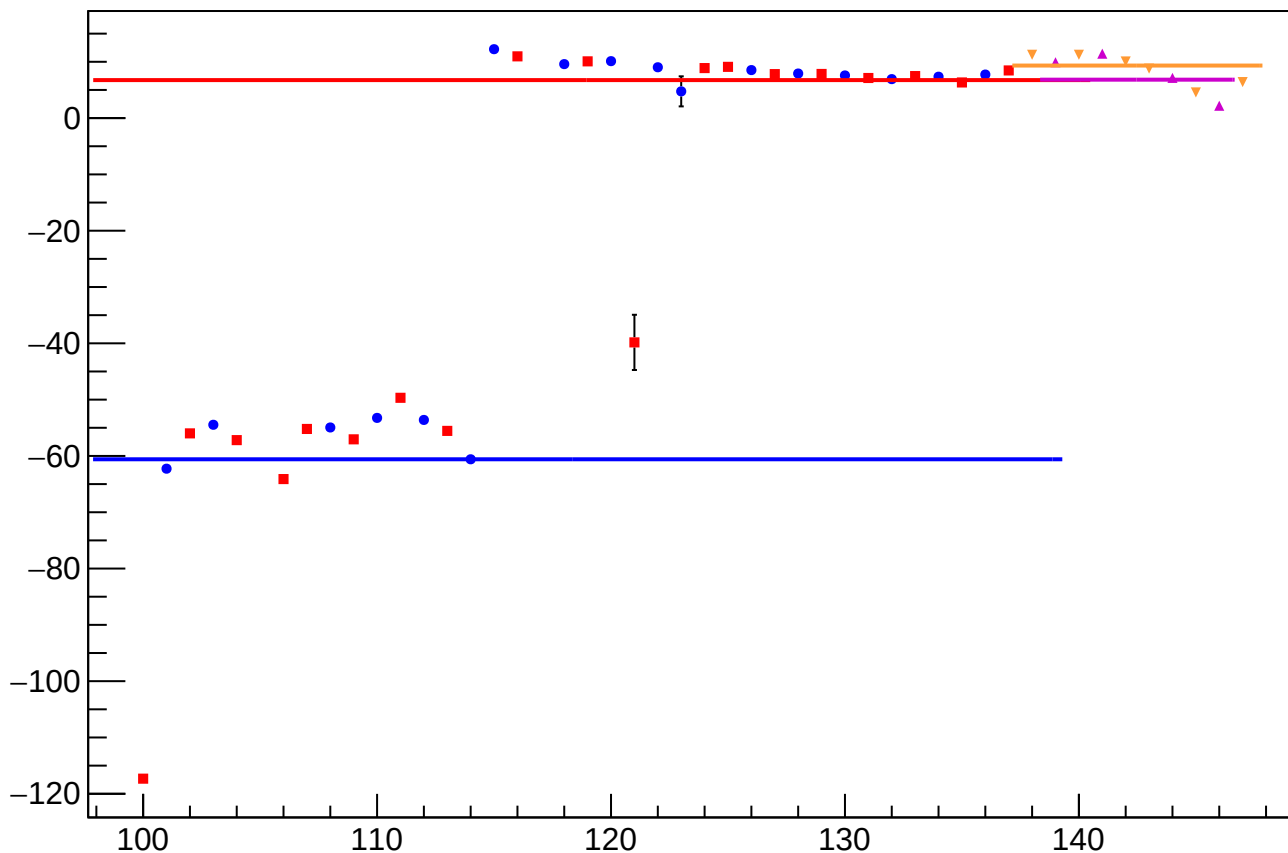
Right: -38.539 $\pm$ 0.000 χ^2/NDF : 72100834.2/35

In: -38.539 $\pm$ 0.000 χ^2/NDF : 20583817.2/20

Out: -52.664 $\pm$ 0.002 χ^2/NDF : 160386.4/24

All: -38.539 $\pm$ 0.000 χ^2/NDF : 85962708.7/45

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 26122838.1/16$

Left Out: 9.332 ± 0.013 $\chi^2/\text{NDF}: 29996.8/5$

Right Out: 6.748 ± 0.011 $\chi^2/\text{NDF}: 1266598.3/18$

Left In: 6.824 ± 0.014 $\chi^2/\text{NDF}: 86769.2/3$

Left: 8.167 ± 0.009 $\chi^2/\text{NDF}: 134602.3/9$

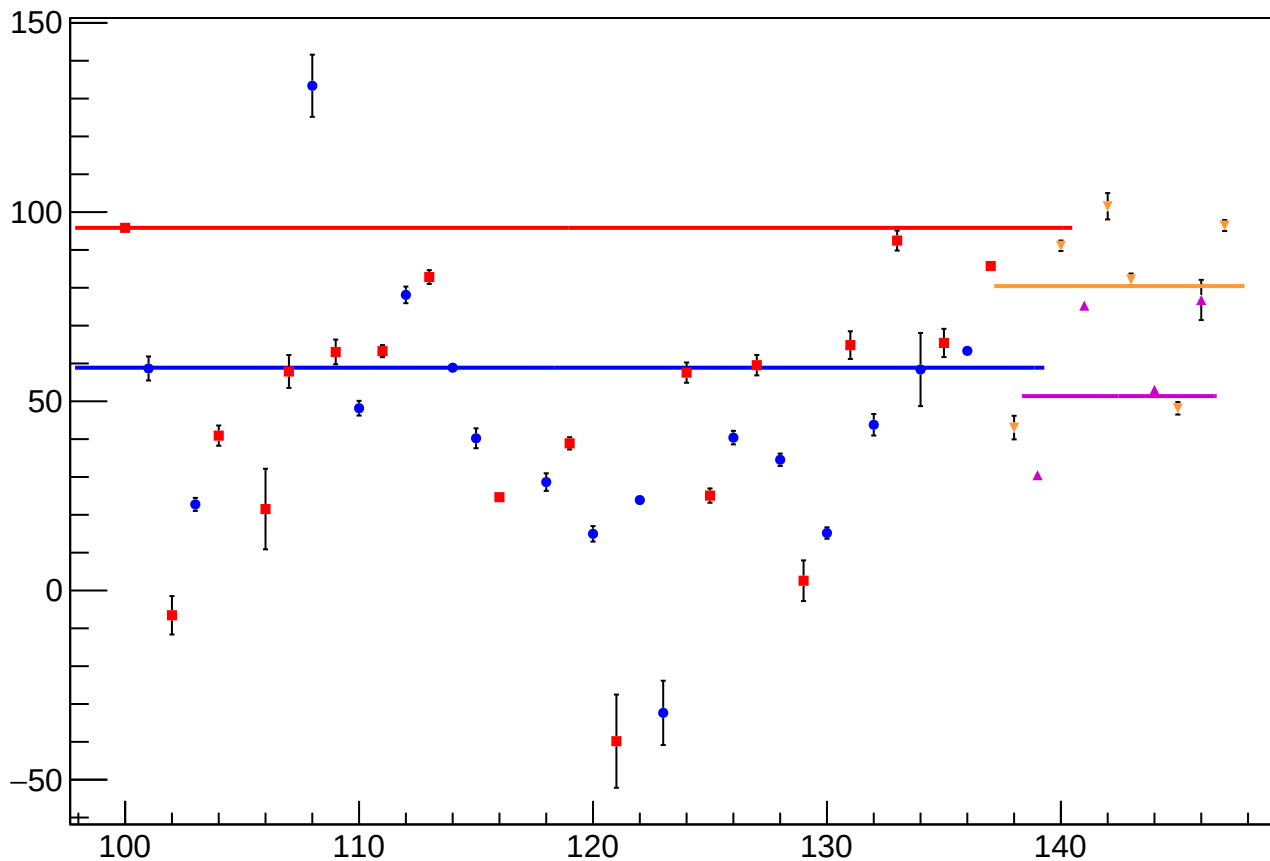
Right: -60.594 ± 0.000 $\chi^2/\text{NDF}: 64778482.9/35$

In: -60.594 ± 0.000 $\chi^2/\text{NDF}: 50280179.6/20$

Out: 7.848 ± 0.008 $\chi^2/\text{NDF}: 1320011.0/24$

All: -60.594 ± 0.000 $\chi^2/\text{NDF}: 118809856.1/4$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 3814.7/16$

Left Out: 80.448 ± 0.715 $\chi^2/\text{NDF}: 742.7/5$

Right Out: 95.846 ± 0.000 $\chi^2/\text{NDF}: 39385.0/18$

Left In: 51.368 ± 0.589 $\chi^2/\text{NDF}: 928.9/3$

Left: 63.121 ± 0.455 $\chi^2/\text{NDF}: 2657.3/9$

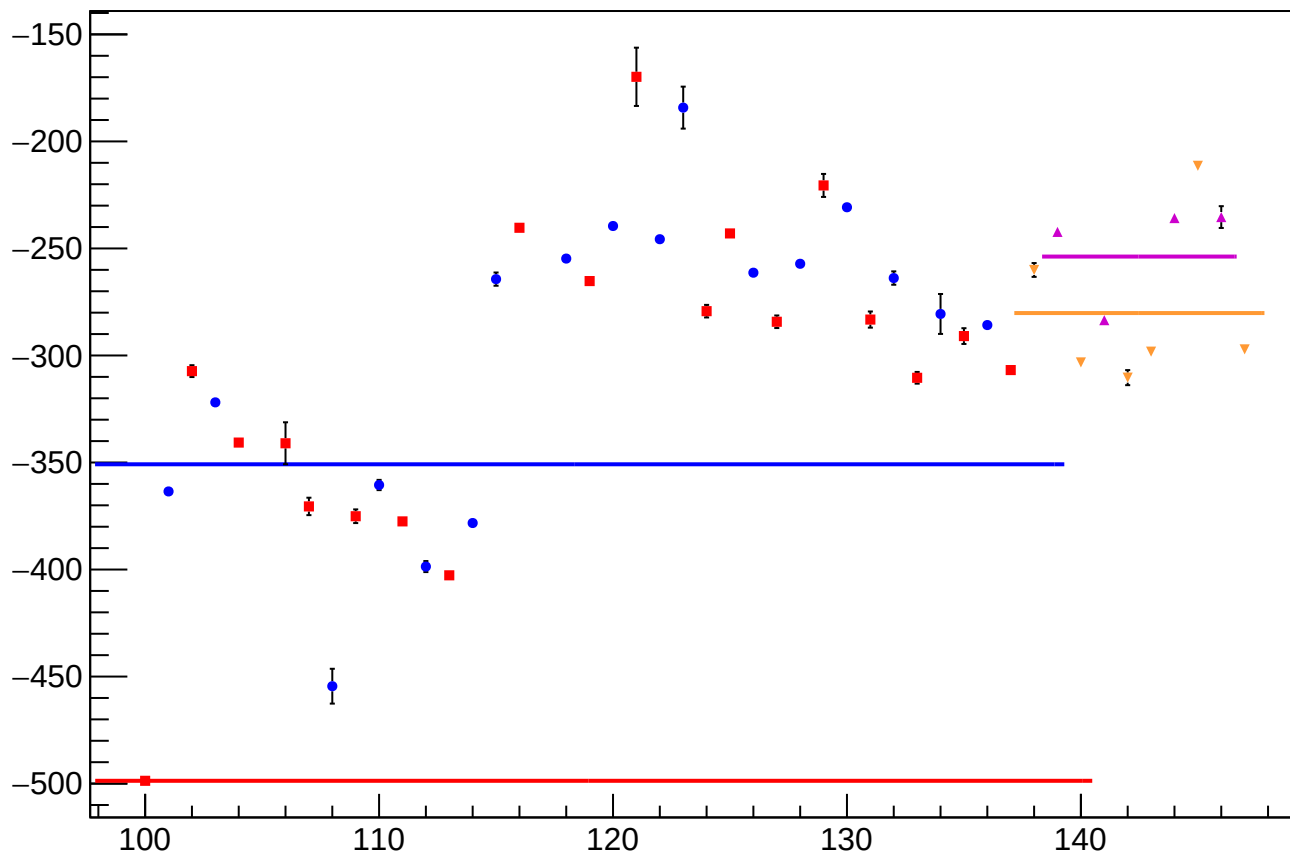
Right: 60.098 ± 0.000 $\chi^2/\text{NDF}: 9815233945666380$

In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 4906.3/20$

Out: 95.846 ± 0.000 $\chi^2/\text{NDF}: 40591.5/24$

All: 60.098 ± 0.000 $\chi^2/\text{NDF}: 9815233945666380$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833+/-0.245 χ^2/NDF : 41301.1/16

Left Out: -280.183+/-0.704 χ^2/NDF : 2614.1/5

Right Out: -498.692+/-0.000 χ^2/NDF : 511870.8/18

Left In: -253.792+/-0.626 χ^2/NDF : 1082.2/3

Left: -265.440+/-0.468 χ^2/NDF : 4481.1/9

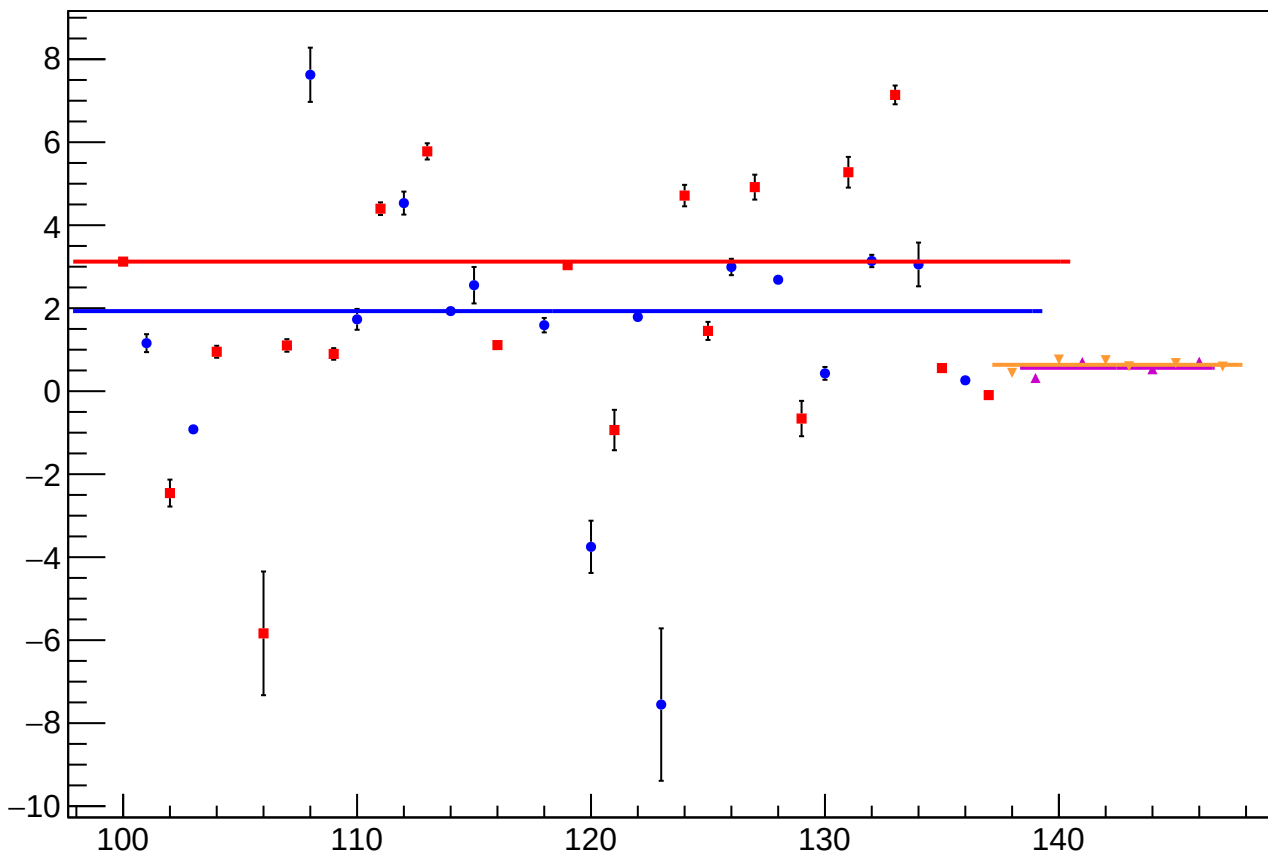
Right: -498.692+/-0.000 χ^2/NDF : 918780.8/35

In: -337.981+/-0.228 χ^2/NDF : 63240.8/20

Out: -498.692+/-0.000 χ^2/NDF : 610789.0/24

All: -498.692+/-0.000 χ^2/NDF : 1171900.7/45

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF : 59970.9/16

Left Out: 0.636+/-0.004 χ^2/NDF : 365.8/5

Right Out: 3.123+/-0.000 χ^2/NDF : 512565.5/18

Left In: 0.564+/-0.004 χ^2/NDF : 1446.1/3

Left: 0.596+/-0.003 χ^2/NDF : 1957.3/9

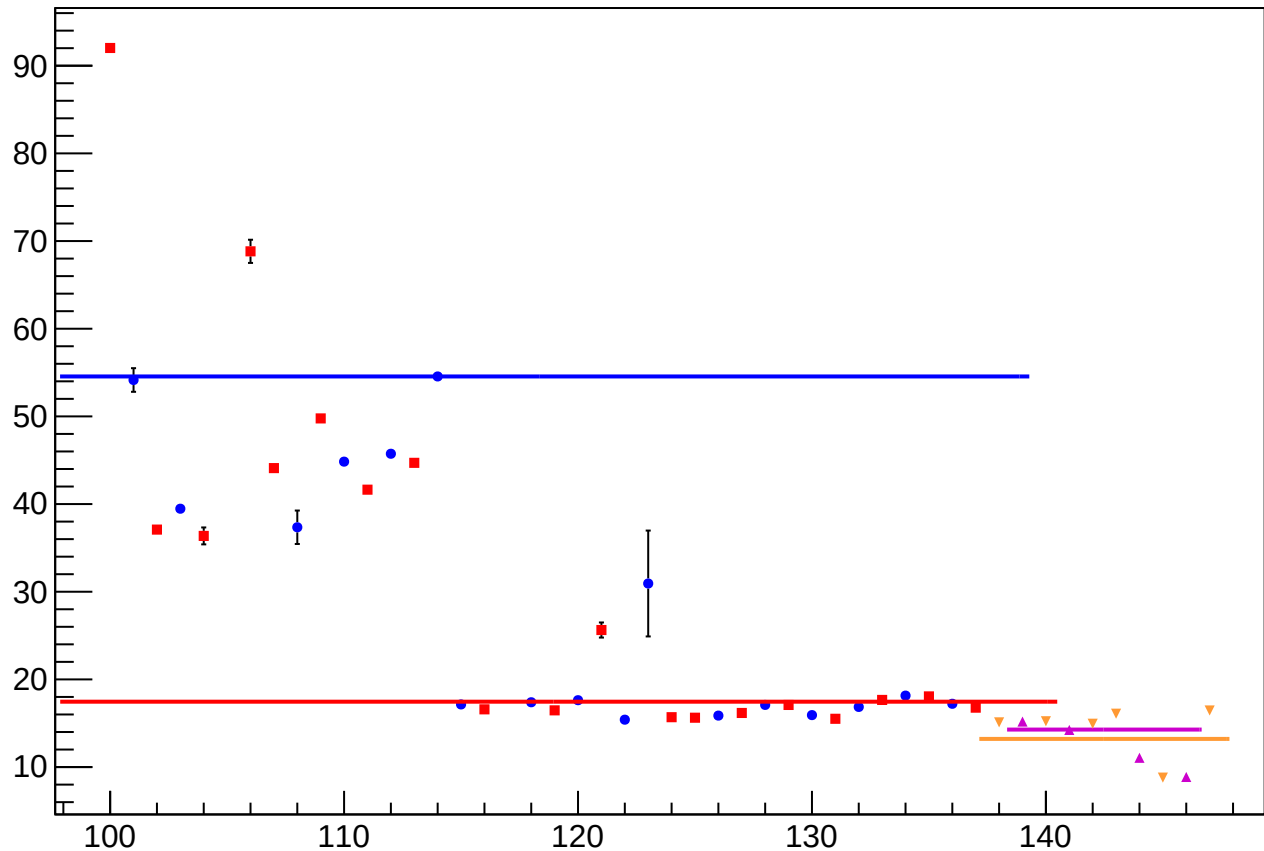
Right: 2.073+/-0.000 χ^2/NDF : 38099534578085305

In: 1.930+/-0.000 χ^2/NDF : 183191.9/20

Out: 3.123+/-0.000 χ^2/NDF : 827273.3/24

All: 2.073+/-0.000 χ^2/NDF : 38099534578085305

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.213+/-0.013 χ^2/NDF : 65881.7/5

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

Left In: 14.278+/-0.022 χ^2/NDF : 5960.1/3

Left: 13.484+/-0.011 χ^2/NDF : 73606.8/9

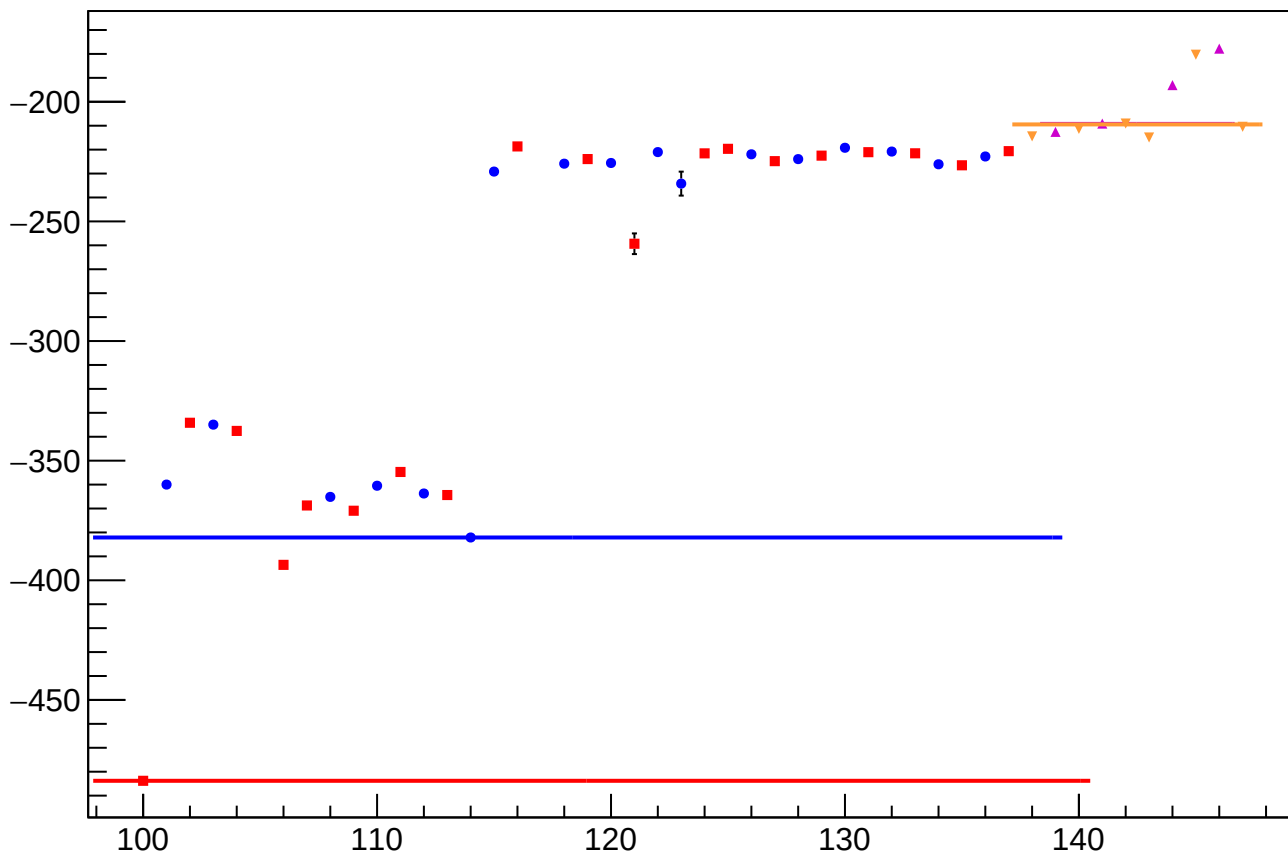
Right: 54.556+/-0.000 χ^2/NDF : 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF : 10632203.2/20

Out: 14.605+/-0.010 χ^2/NDF : 201415.0/24

All: 54.556+/-0.000 χ^2/NDF : 25393168.3/45

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -209.464+/-0.036 χ^2/NDF : 51950.9/5

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

Left In: -209.249+/-0.043 χ^2/NDF : 9489.5/3

Left: -209.375+/-0.028 χ^2/NDF : 61455.2/9

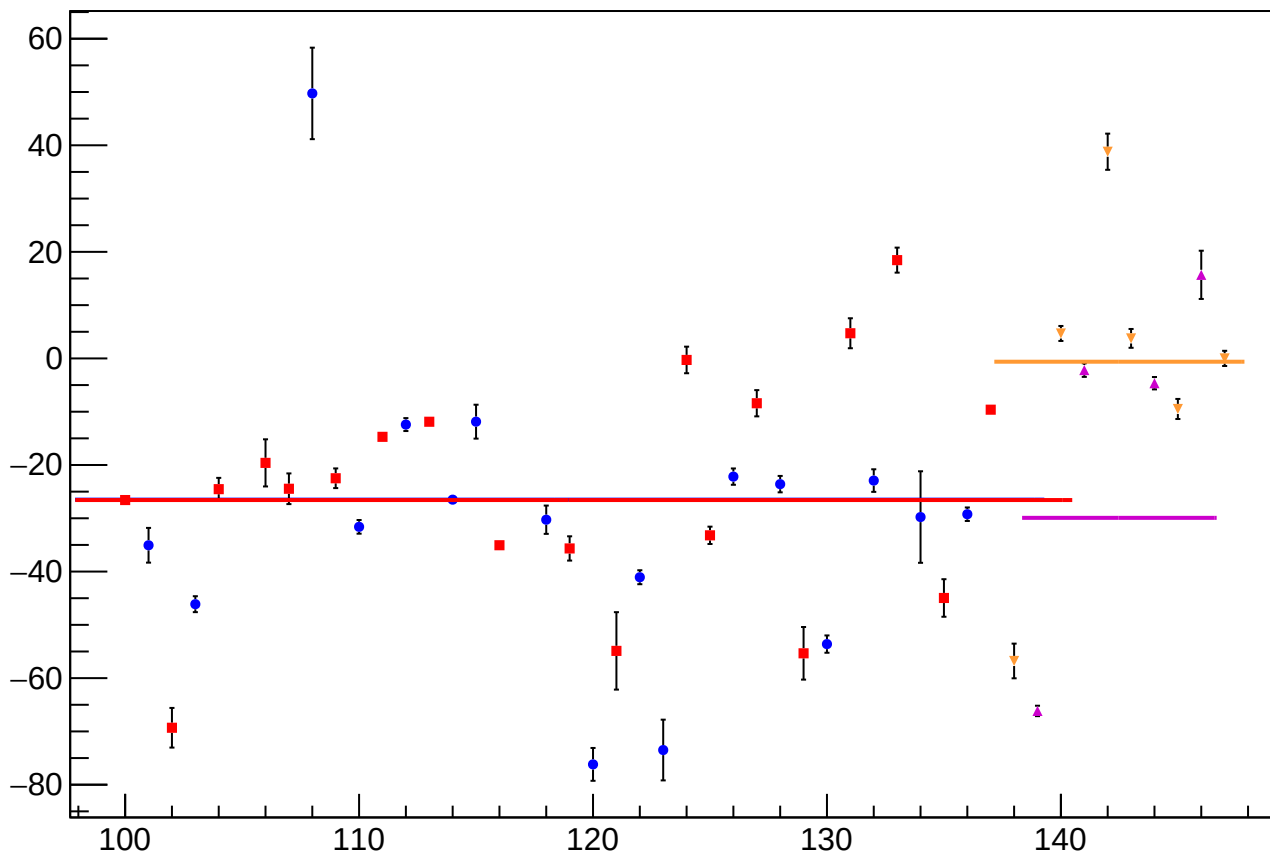
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 34654718.7/20

Out: -483.800+/-0.000 χ^2/NDF : 82411120.6/24

All: -417.999+/-0.000 χ^2/NDF : 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 $\pm$ 0.000 χ^2/NDF : 1180.7/16

Left Out: -0.616 $\pm$ 0.749 χ^2/NDF :475.3/5

Right Out: -26.577 $\pm$ 0.000 χ^2/NDF : 2640.9/18

Left In: -29.918 $\pm$ 0.639 χ^2/NDF :2418.1/3

Left: -17.578 $\pm$ 0.486 χ^2/NDF : 3778.1/9

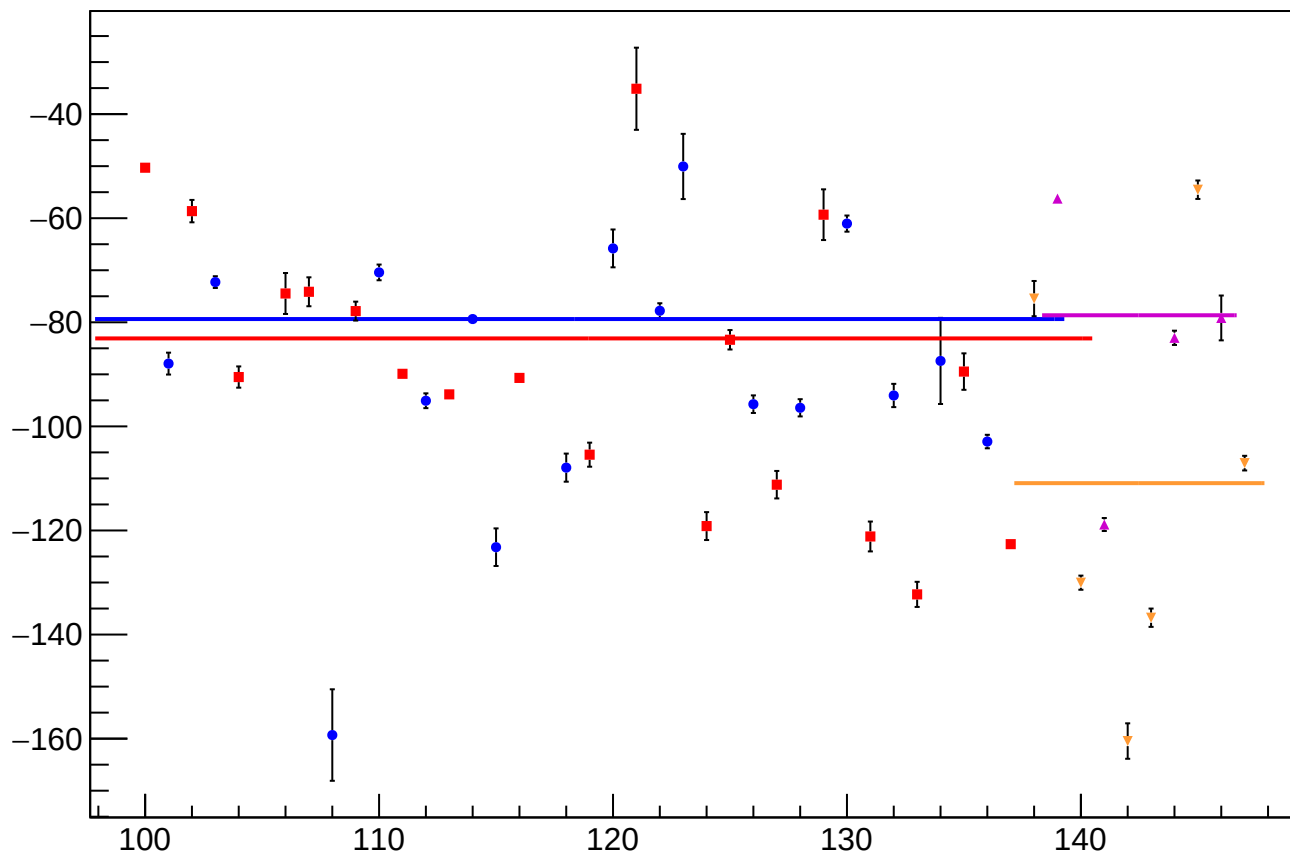
Right: -26.530 $\pm$ 0.000 χ^2/NDF : 412159279654659

In: -26.504 $\pm$ 0.000 χ^2/NDF :3627.3/20

Out: -26.577 $\pm$ 0.000 χ^2/NDF :4316.0/24

All: -26.530 $\pm$ 0.000 χ^2/NDF : 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -110.909 ± 0.733 $\chi^2/\text{NDF}: 1753.8/5$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

Left In: -78.650 ± 0.635 $\chi^2/\text{NDF}: 1676.8/3$

Left: -92.476 ± 0.480 $\chi^2/\text{NDF}: 4536.9/9$

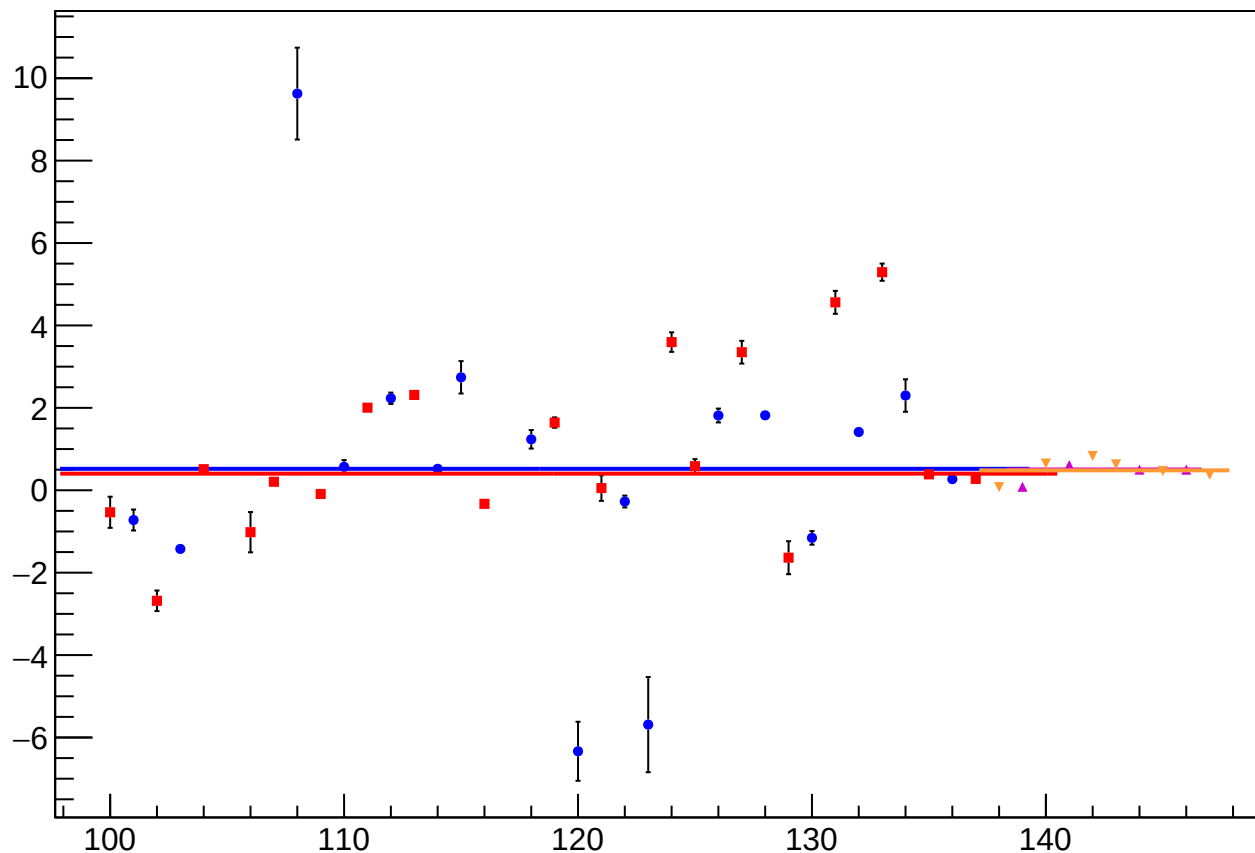
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 2982.8/20$

Out: -84.650 ± 0.173 $\chi^2/\text{NDF}: 15028.3/24$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 18938.9/45$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.483 ± 0.005 χ^2/NDF : 1238.7/5

Right Out: 0.403 ± 0.011 χ^2/NDF : 2727.5/18

Left In: 0.504 ± 0.003 χ^2/NDF : 2615.1/3

Left: 0.498 ± 0.003 χ^2/NDF : 3864.6/9

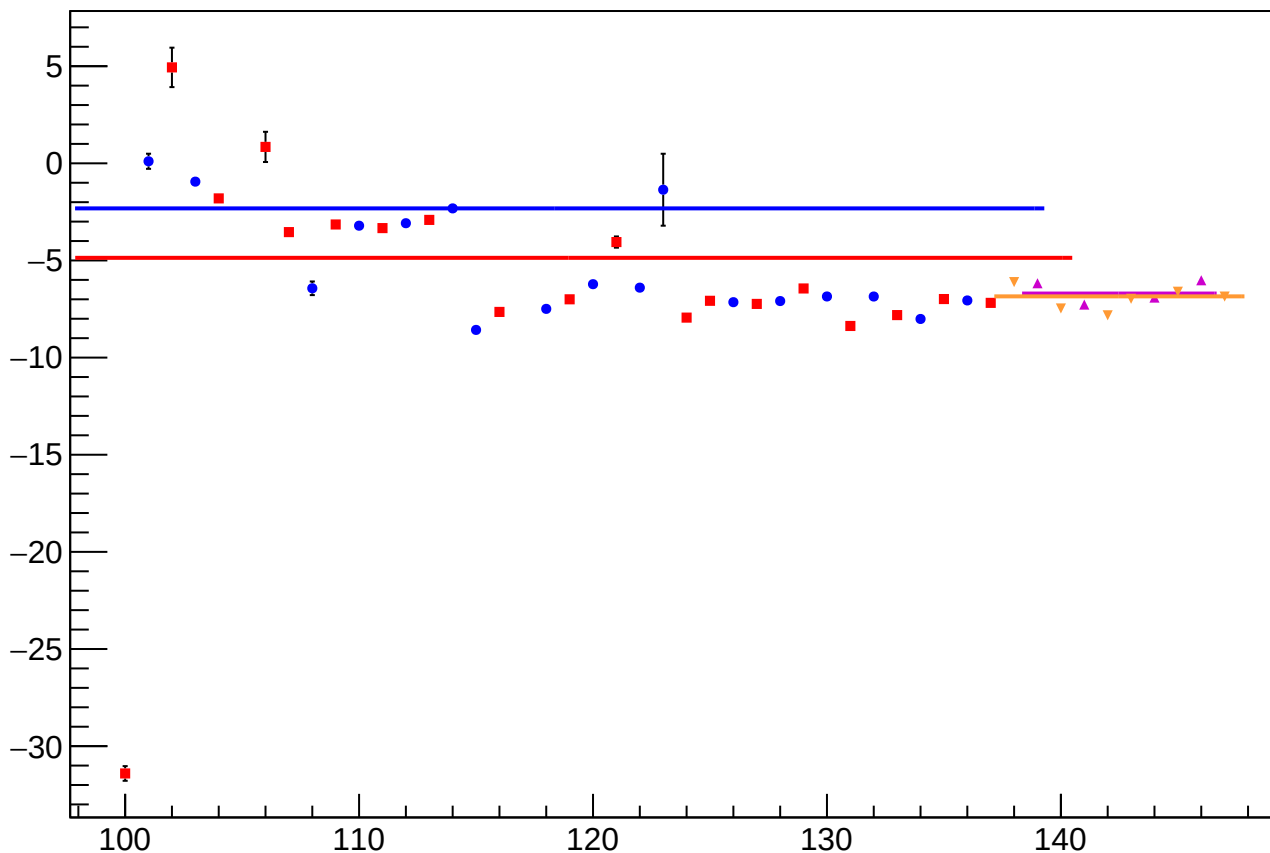
Right: 0.521 ± 0.000 χ^2/NDF : 6215.1/35

In: 0.521 ± 0.000 χ^2/NDF : 6008.8/20

Out: 0.468 ± 0.005 χ^2/NDF : 4009.8/24

All: 0.521 ± 0.000 χ^2/NDF : 10140.3/45

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -6.848 ± 0.007 $\chi^2/\text{NDF}: 1423.8/5$

Right Out: -4.864 ± 0.010 $\chi^2/\text{NDF}: 49380.5/18$

Left In: -6.703 ± 0.008 $\chi^2/\text{NDF}: 3464.9/3$

Left: -6.786 ± 0.005 $\chi^2/\text{NDF}: 5097.0/9$

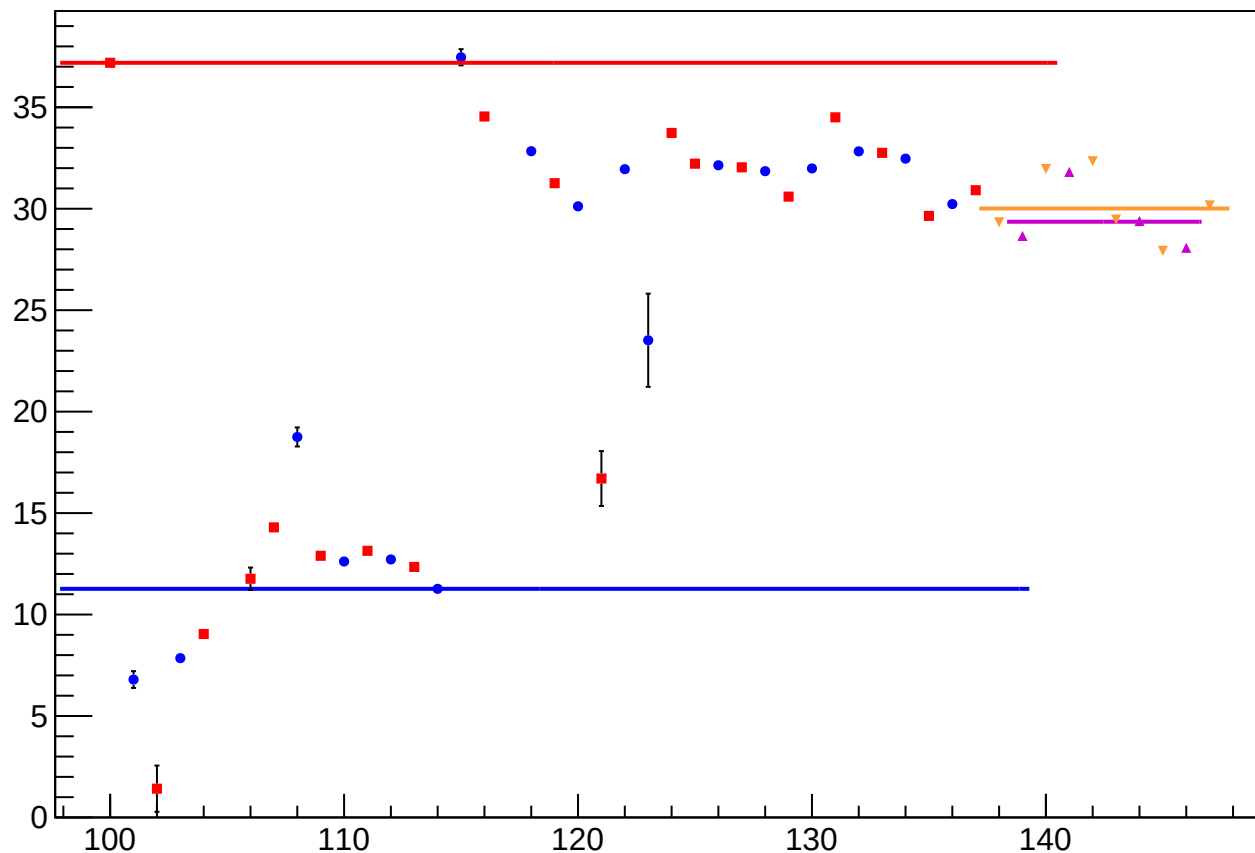
Right: -2.320 ± 0.000 $\chi^2/\text{NDF}: 381161.7/35$

In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 605123.2/20$

Out: -6.276 ± 0.006 $\chi^2/\text{NDF}: 77195.2/24$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 1194151.7/45$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 ± 0.000 χ^2/NDF : 958029.3/16

Left Out: 30.011 ± 0.024 χ^2/NDF : 3718.2/5

Right Out: 37.191 ± 0.000 χ^2/NDF : 1121929.1/18

Left In: 29.359 ± 0.028 χ^2/NDF : 1705.5/3

Left: 29.728 ± 0.018 χ^2/NDF : 5741.5/9

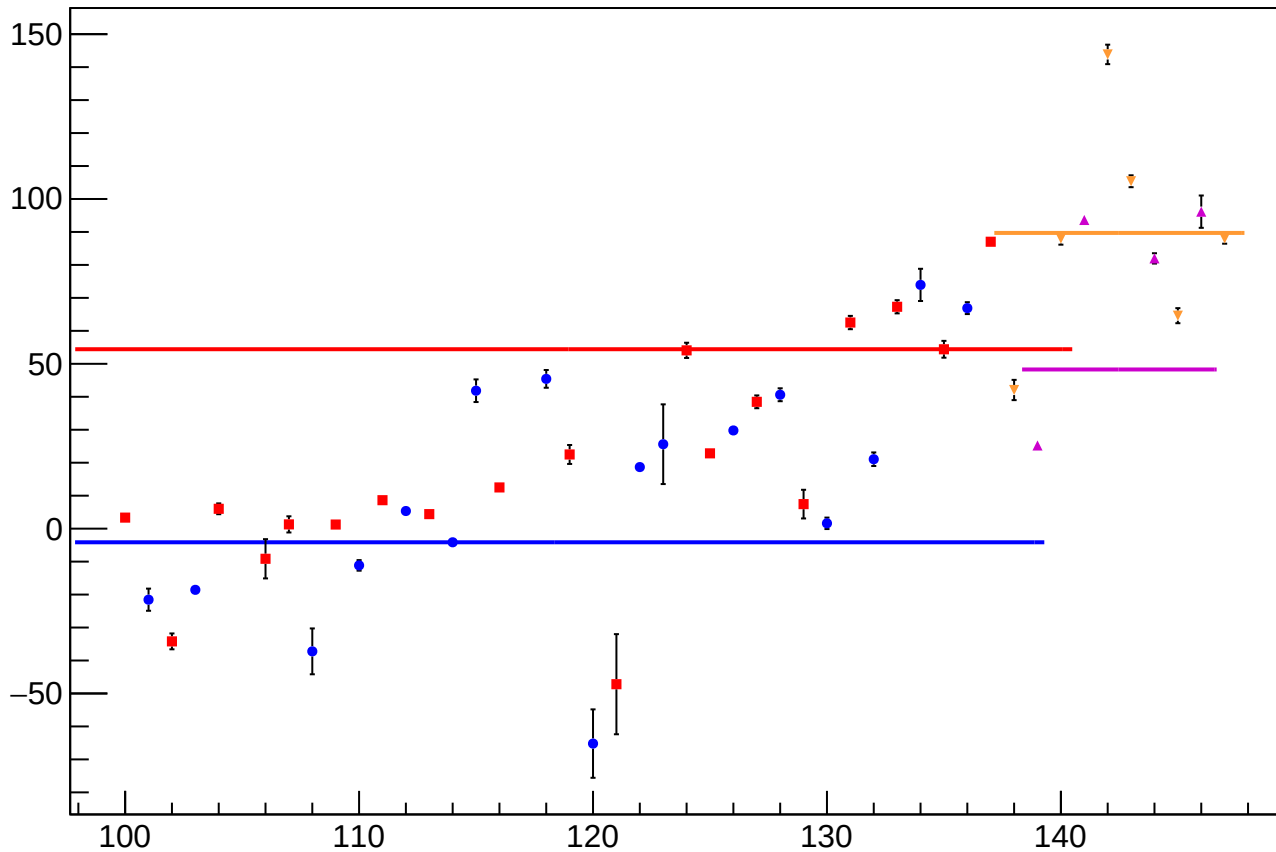
Right: 12.122 ± 0.000 χ^2/NDF : 7723055694978834

In: 11.268 ± 0.000 χ^2/NDF : 1391989.2/20

Out: 37.191 ± 0.000 χ^2/NDF : 1214281.1/24

All: 12.122 ± 0.000 χ^2/NDF : 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 4654.2/16$

Left Out: 89.704 ± 0.841 $\chi^2/\text{NDF}: 774.7/5$

Right Out: 54.427 ± 0.170 $\chi^2/\text{NDF}: 53998.7/18$

Left In: 48.283 ± 0.584 $\chi^2/\text{NDF}: 2805.4/3$

Left: 61.741 ± 0.480 $\chi^2/\text{NDF}: 5216.2/9$

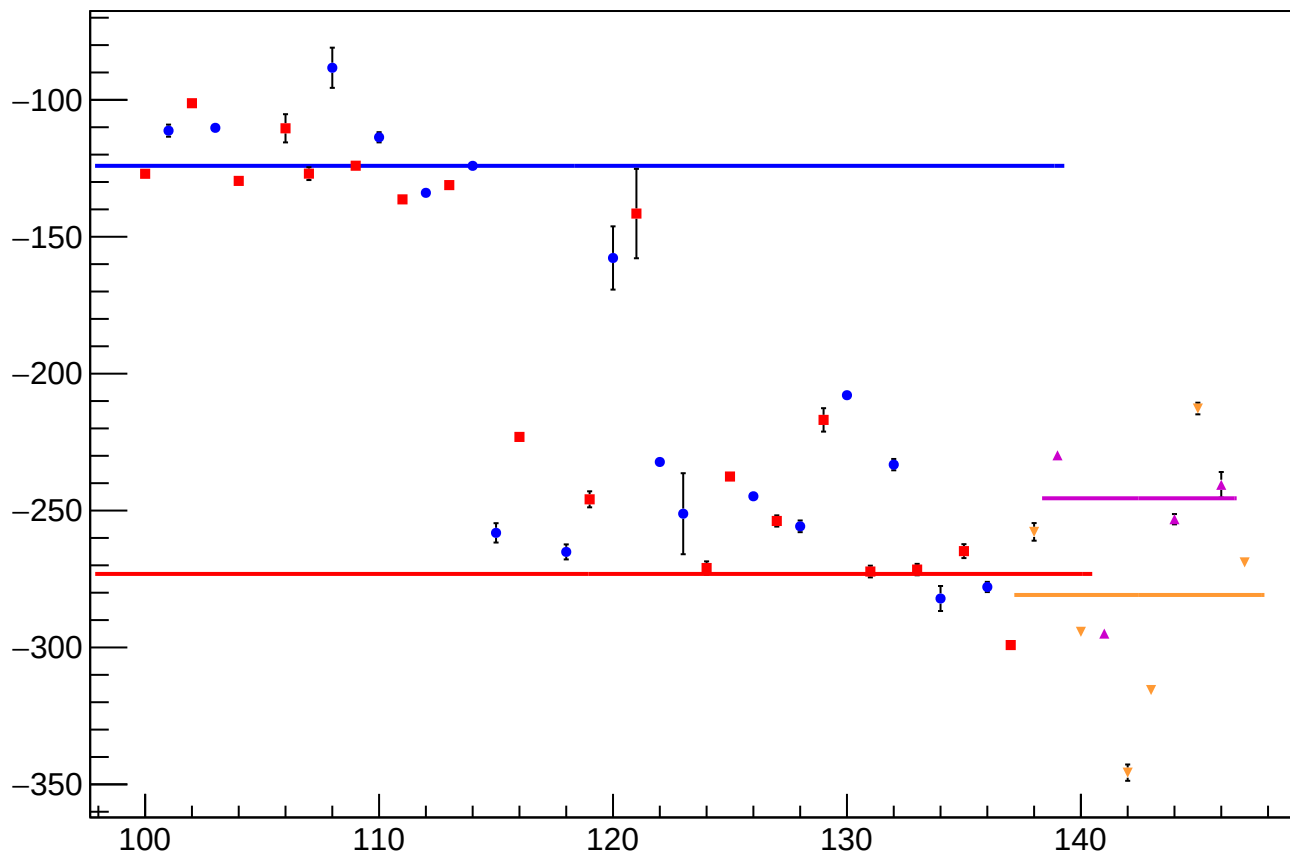
Right: -4.139 ± 0.000 $\chi^2/\text{NDF}: 177029.3/35$

In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 15524.7/20$

Out: 55.814 ± 0.167 $\chi^2/\text{NDF}: 56462.2/24$

All: -4.139 ± 0.000 $\chi^2/\text{NDF}: 201113.5/45$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -280.824+/-0.832 χ^2/NDF :2026.7/5

Right Out: -273.143+/-0.113 χ^2/NDF : 280141.9/18

Left In: -245.517+/-0.565 χ^2/NDF :2128.3/3

Left: -256.648+/-0.467 χ^2/NDF : 5387.0/9

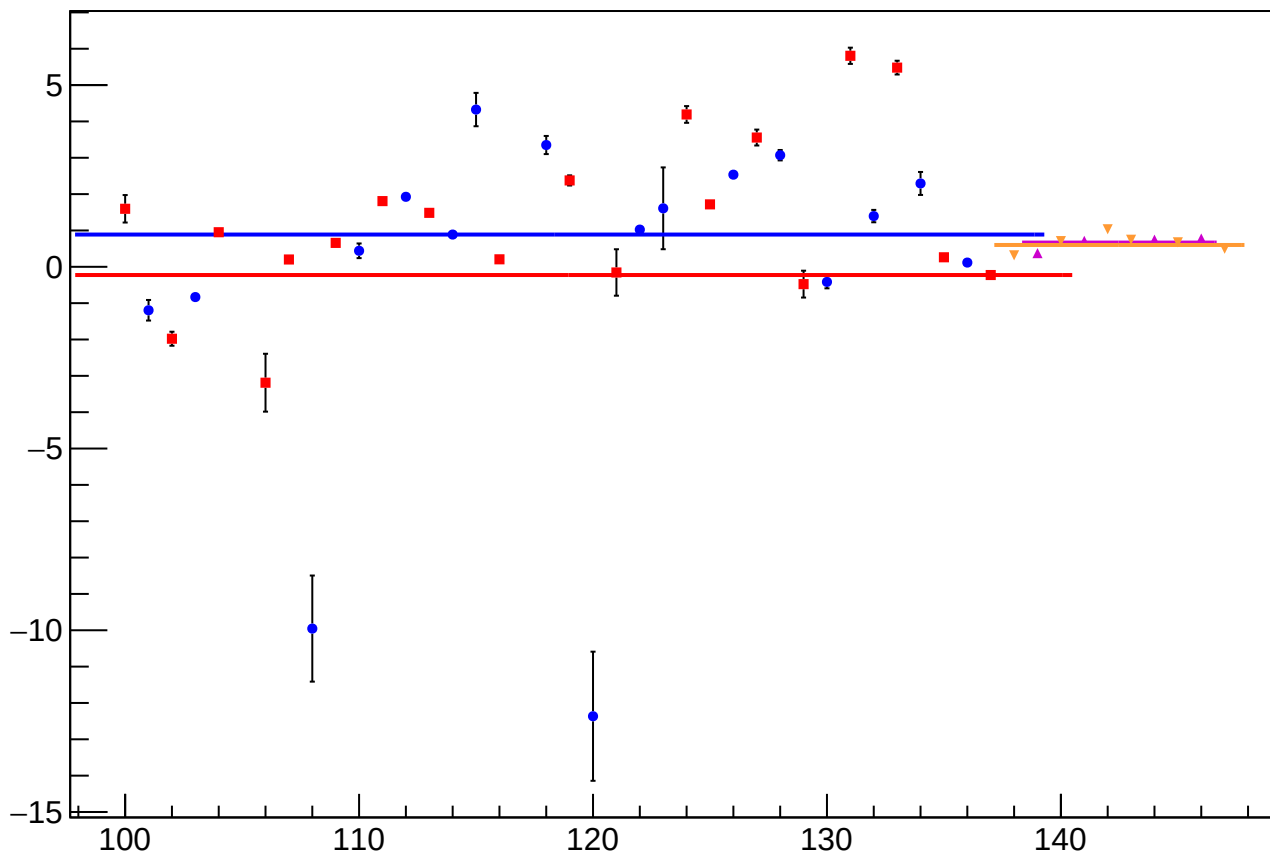
Right: -124.095+/-0.000 χ^2/NDF : 2066776.4/35

In: -124.095+/-0.000 χ^2/NDF :86498.2/20

Out: -273.282+/-0.112 χ^2/NDF :282252.2/24

All: -124.095+/-0.000 χ^2/NDF : 2152602.1/45

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16

Left Out: 0.601 $\pm$ 0.006 χ^2 /NDF:1085.0/5

Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5031.1/18

Left In: 0.667 $\pm$ 0.005 χ^2 /NDF:756.5/3

Left: 0.640 $\pm$ 0.004 χ^2 /NDF: 1906.9/9

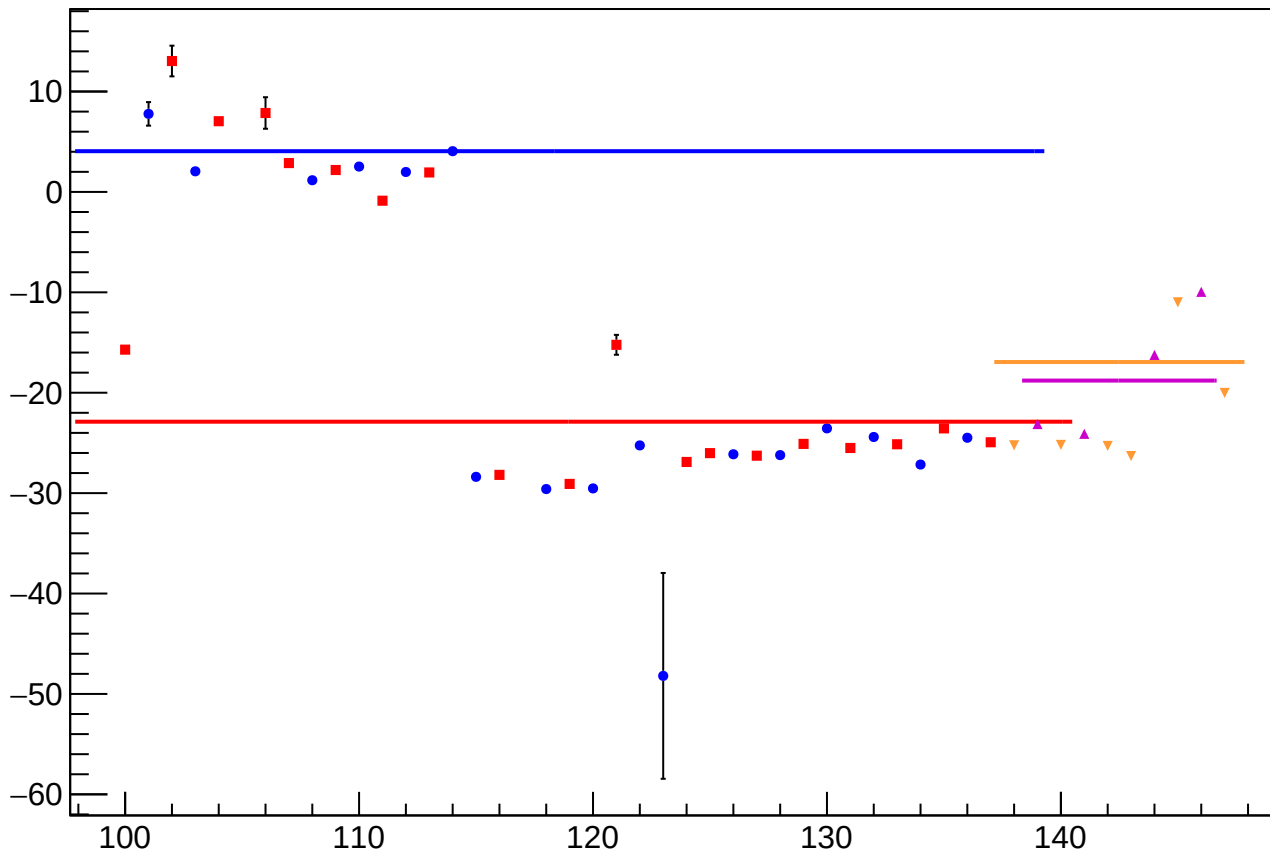
Right: 0.888 $\pm$ 0.000 χ^2 /NDF: 422220530.0/35

In: 0.888 $\pm$ 0.000 χ^2 /NDF:11194.3/20

Out: -0.226 $\pm$ 0.000 χ^2 /NDF:23574.8/24

All: 0.888 $\pm$ 0.000 χ^2 /NDF: 422226237.8/45

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057 ± 0.000 $\chi^2/\text{NDF}: 1247888.2/16$

Left Out: -16.941 ± 0.024 $\chi^2/\text{NDF}: 67621.2/5$

Right Out: -22.885 ± 0.026 $\chi^2/\text{NDF}: 116508.9/18$

Left In: -18.789 ± 0.049 $\chi^2/\text{NDF}: 16664.3/3$

Left: -17.309 ± 0.022 $\chi^2/\text{NDF}: 85429.8/9$

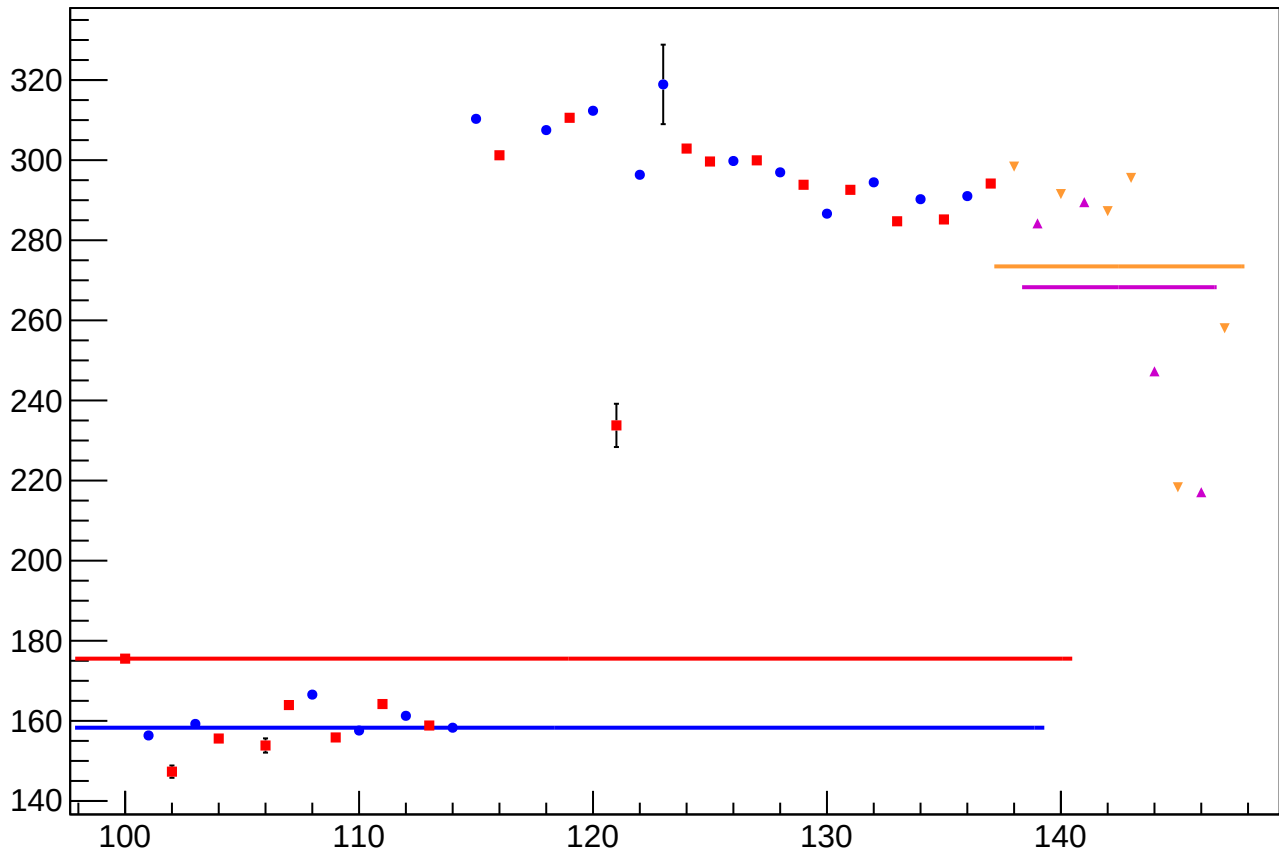
Right: 4.057 ± 0.000 $\chi^2/\text{NDF}: 2412173.4/35$

In: 4.057 ± 0.000 $\chi^2/\text{NDF}: 1483087.7/20$

Out: -19.687 ± 0.018 $\chi^2/\text{NDF}: 211566.9/24$

All: 4.057 ± 0.000 $\chi^2/\text{NDF}: 3456100.9/45$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 273.472+/-0.074 χ^2/NDF :162836.9/5

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

Left In: 268.278+/-0.164 χ^2/NDF :34462.7/3

Left: 272.583+/-0.068 χ^2/NDF : 198135.6/9

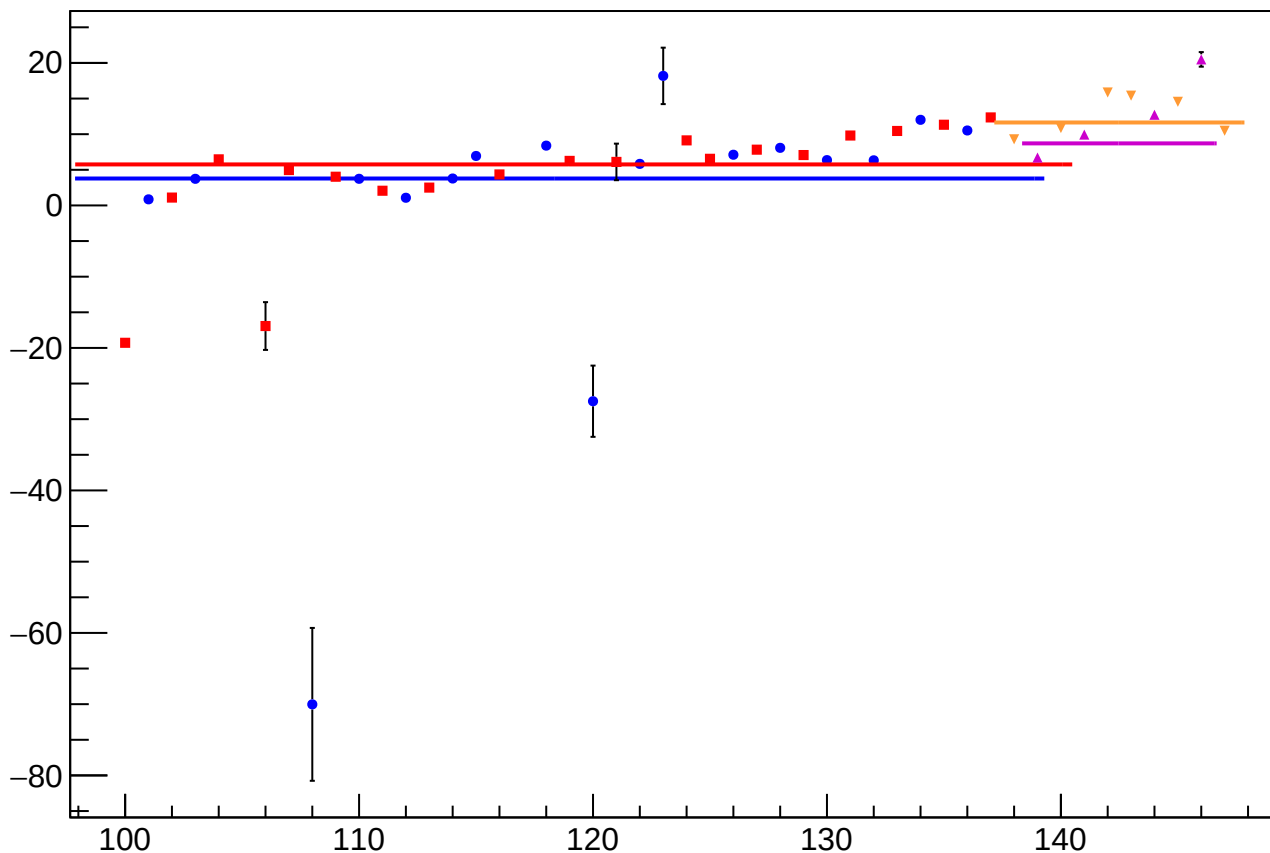
Right: 172.618+/-0.000 χ^2/NDF : 373727491225928

In: 158.293+/-0.000 χ^2/NDF :2897674.5/20

Out: 175.536+/-0.000 χ^2/NDF :3999536.9/24

All: 172.618+/-0.000 χ^2/NDF : 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 $\pm$ 0.000 χ^2/NDF : 6871.4/16

Left Out: 11.642 $\pm$ 0.077 χ^2/NDF : 707.7/5

Right Out: 5.756 $\pm$ 0.026 χ^2/NDF : 22291.6/18

Left In: 8.708 $\pm$ 0.062 χ^2/NDF : 1335.5/3

Left: 9.861 $\pm$ 0.048 χ^2/NDF : 2917.7/9

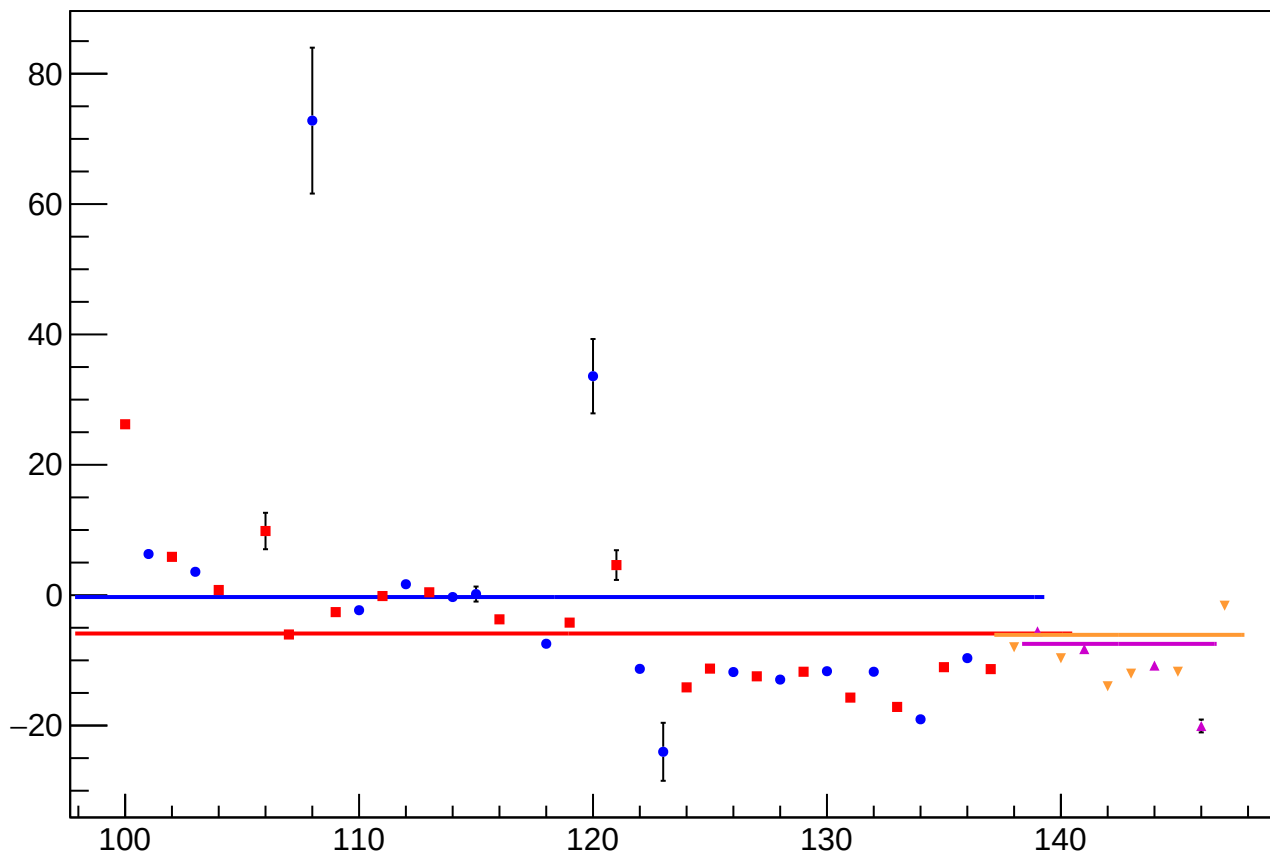
Right: 3.778 $\pm$ 0.000 χ^2/NDF : 35056.1/35

In: 3.778 $\pm$ 0.000 χ^2/NDF : 14490.3/20

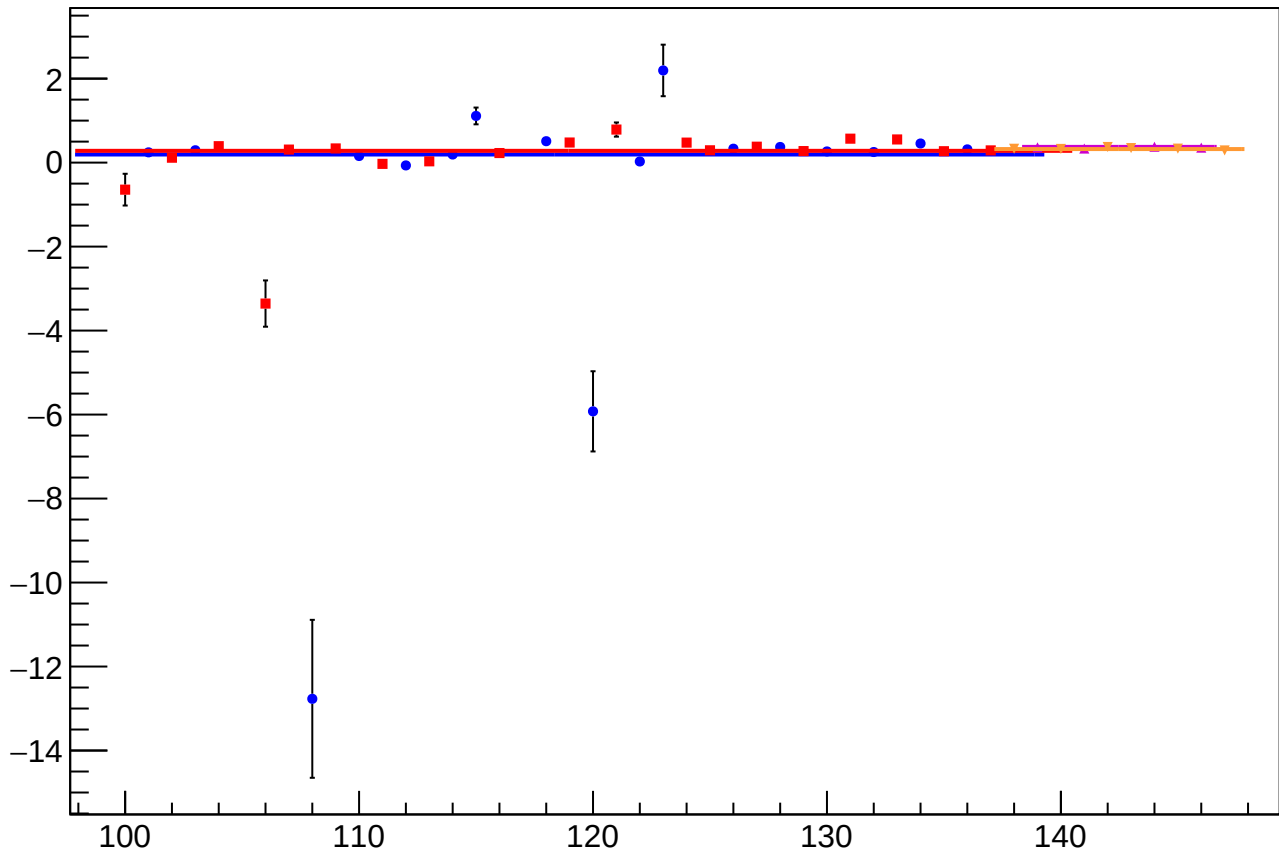
Out: 6.344 $\pm$ 0.024 χ^2/NDF : 28220.8/24

All: 3.778 $\pm$ 0.000 χ^2/NDF : 53737.7/45

dit_sam5_4eX_slope vs Slug, Sign Corrected



dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.323+/-0.001 χ^2/NDF : 495.2/5

Right Out: 0.280+/-0.001 χ^2/NDF : 6059.0/18

Left In: 0.374+/-0.001 χ^2/NDF : 71.5/3

Left: 0.342+/-0.001 χ^2/NDF : 1593.8/9

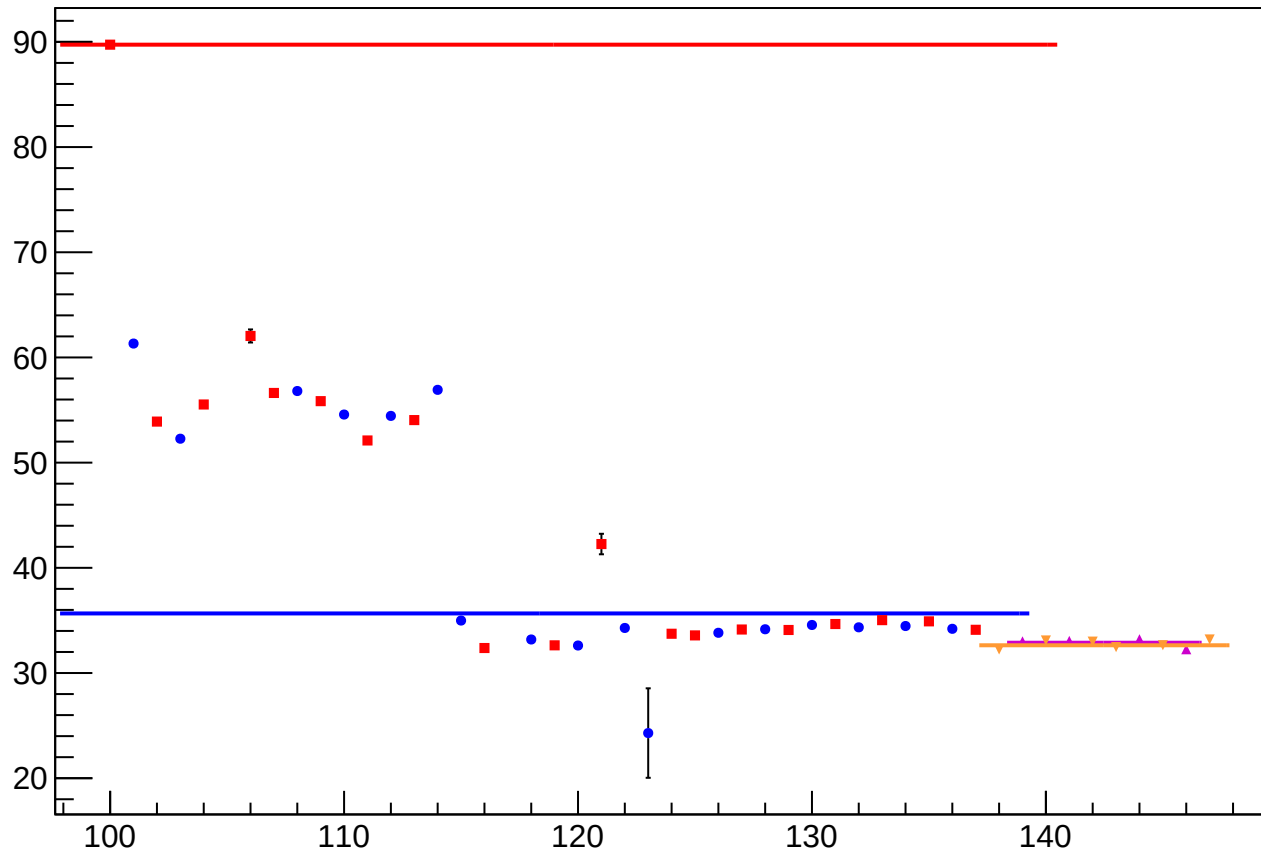
Right: 0.193+/-0.000 χ^2/NDF : 19578.7/35

In: 0.193+/-0.000 χ^2/NDF : 30071.0/20

Out: 0.310+/-0.001 χ^2/NDF : 7116.3/24

All: 0.193+/-0.000 χ^2/NDF : 57311.8/45

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.637 $\pm$ 0.012 χ^2 /NDF: 762.5/5

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

Left In: 32.880 $\pm$ 0.013 χ^2 /NDF: 828.7/3

Left: 32.742 $\pm$ 0.009 χ^2 /NDF: 1775.8/9

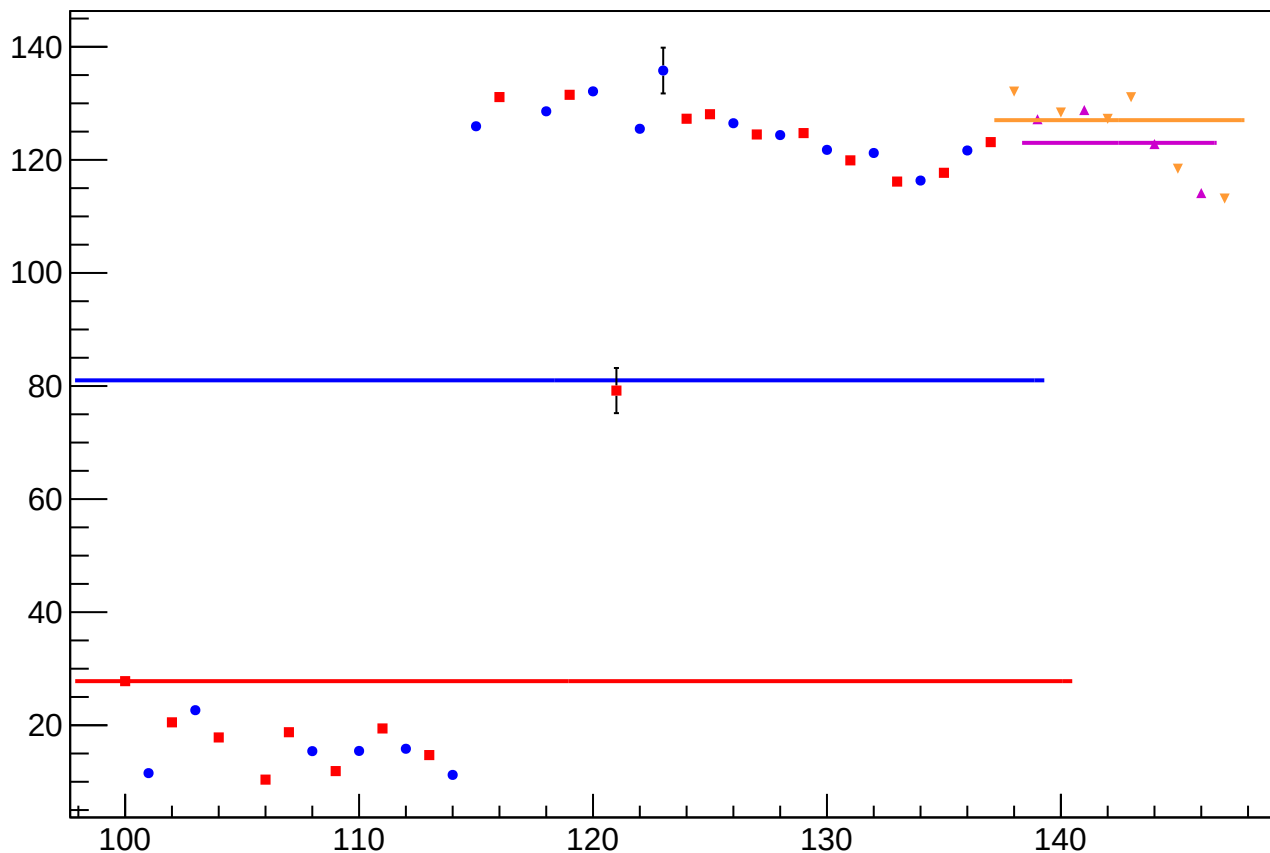
Right: 89.735 $\pm$ 0.000 χ^2 /NDF: 48650023.7/35

In: 34.503 $\pm$ 0.009 χ^2 /NDF: 244508.4/20

Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 49716701.7/24

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 90451284.5/45

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 127.026 $\pm$ 0.033 χ^2 /NDF: 31999.9/5

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

Left In: 123.012 $\pm$ 0.050 χ^2 /NDF: 15236.4/3

Left: 125.811 $\pm$ 0.028 χ^2 /NDF: 51697.8/9

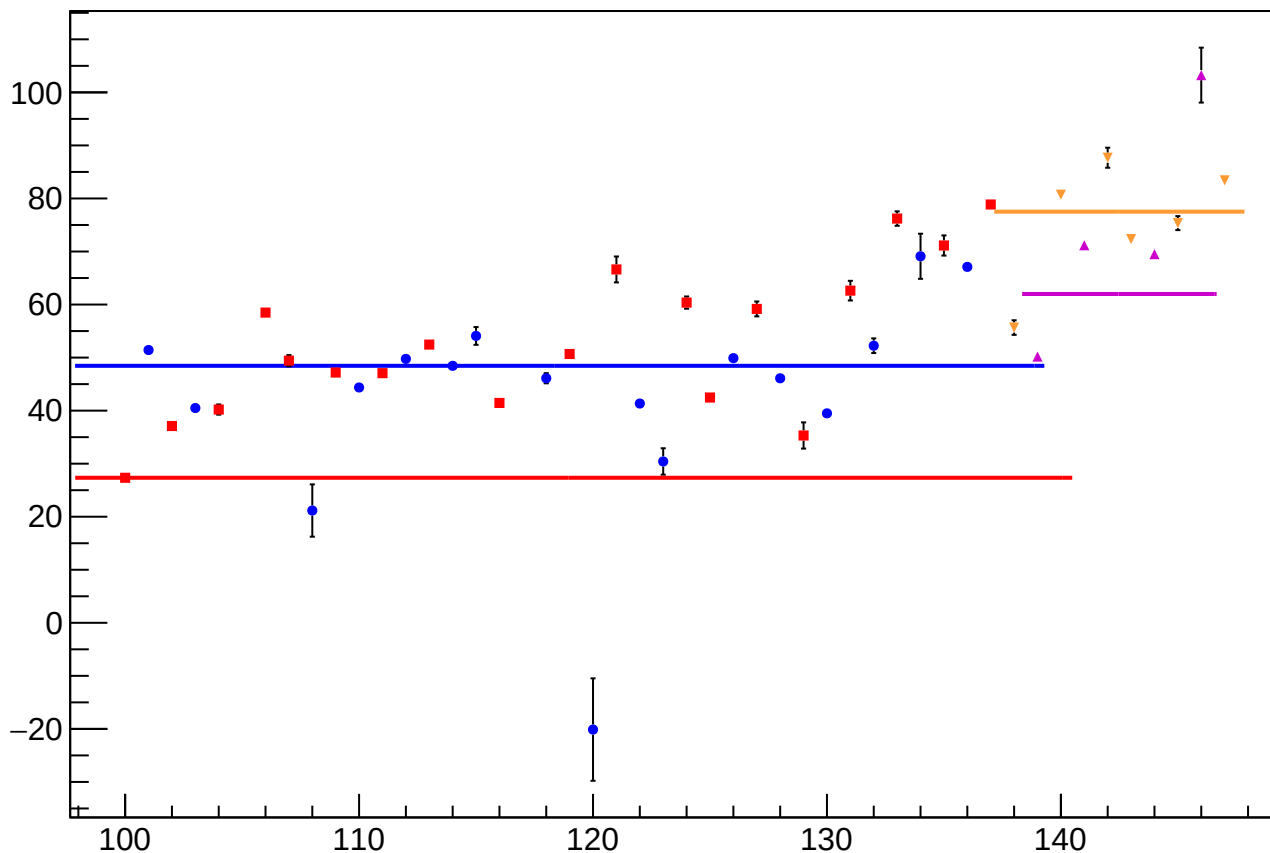
Right: 27.798 $\pm$ 0.000 χ^2 /NDF: 13786729.0/35

In: 94.503 $\pm$ 0.028 χ^2 /NDF: 2719608.6/20

Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 18222359.9/24

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 26440187.3/45

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 ± 0.000 χ^2/NDF : 2751.4/16

Left Out: 77.515 ± 0.380 χ^2/NDF : 418.2/5

Right Out: 27.342 ± 0.000 χ^2/NDF : 25810.4/18

Left In: 61.992 ± 0.331 χ^2/NDF : 981.4/3

Left: 68.679 ± 0.250 χ^2/NDF : 2348.3/9

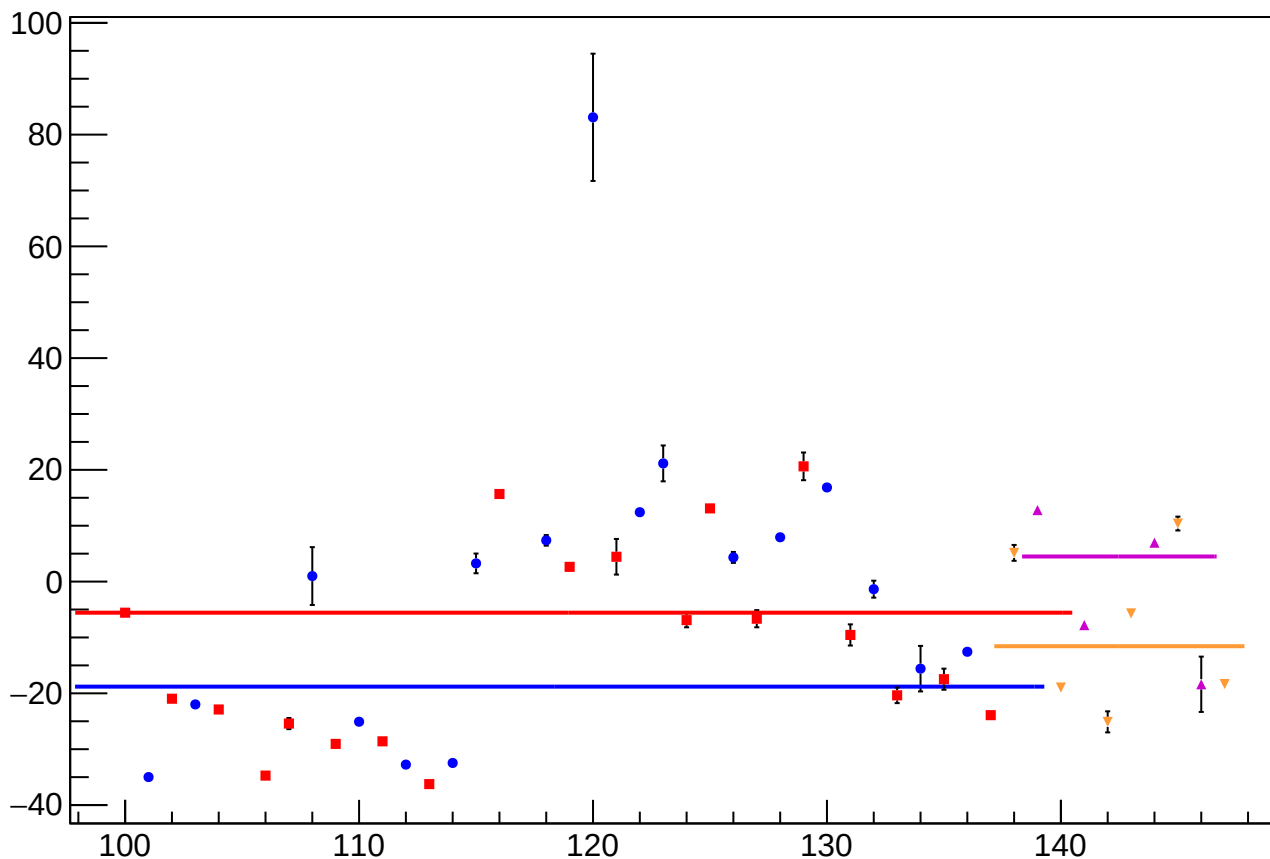
Right: 28.365 ± 0.000 χ^2/NDF : 1026290104888328

In: 48.450 ± 0.000 χ^2/NDF : 5409.1/20

Out: 27.342 ± 0.000 χ^2/NDF : 43641.1/24

All: 28.365 ± 0.000 χ^2/NDF : 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -11.569 ± 0.376 $\chi^2/\text{NDF}: 759.1/5$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

Left In: 4.493 ± 0.325 $\chi^2/\text{NDF}: 790.5/3$

Left: -2.376 ± 0.246 $\chi^2/\text{NDF}: 2592.0/9$

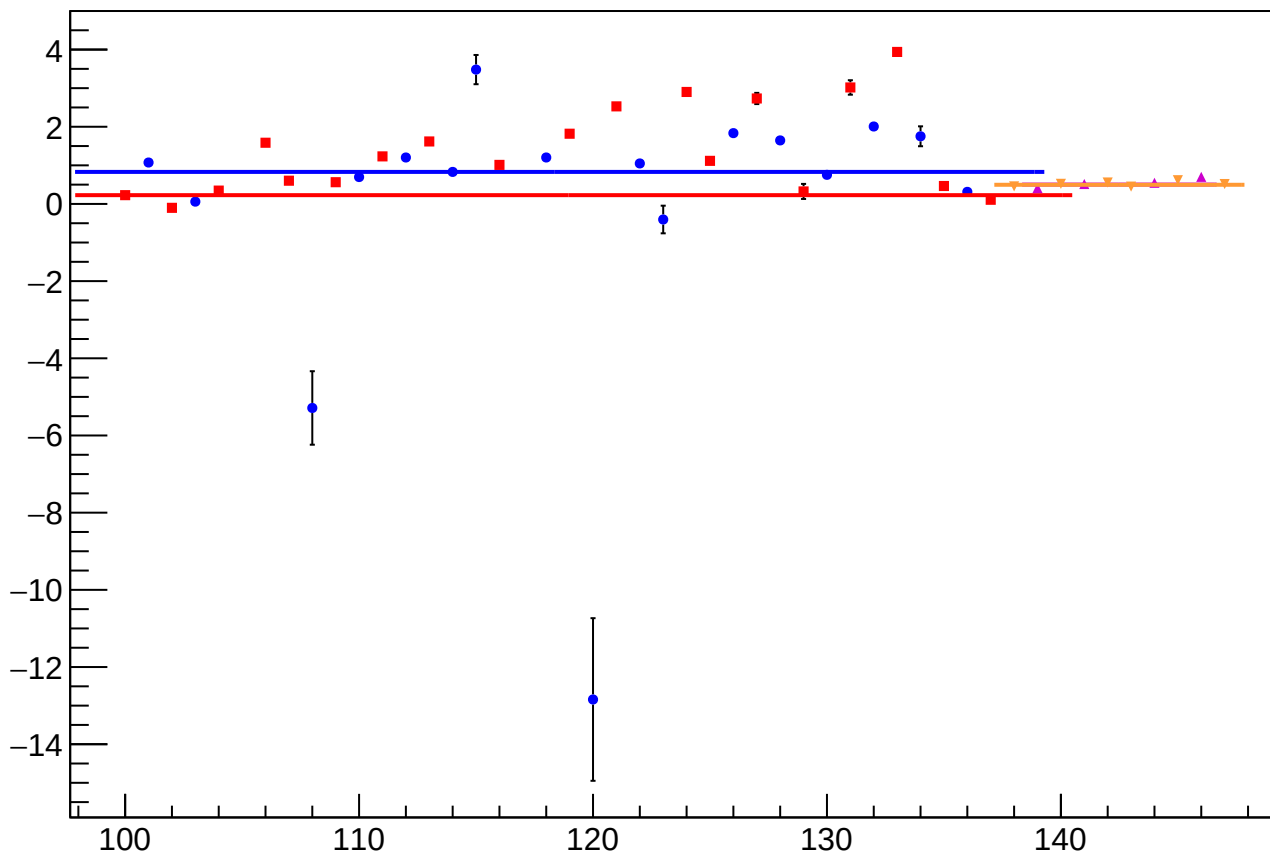
Right: -5.568 ± 0.000 $\chi^2/\text{NDF}: 42808.5/35$

In: -14.786 ± 0.135 $\chi^2/\text{NDF}: 16797.9/20$

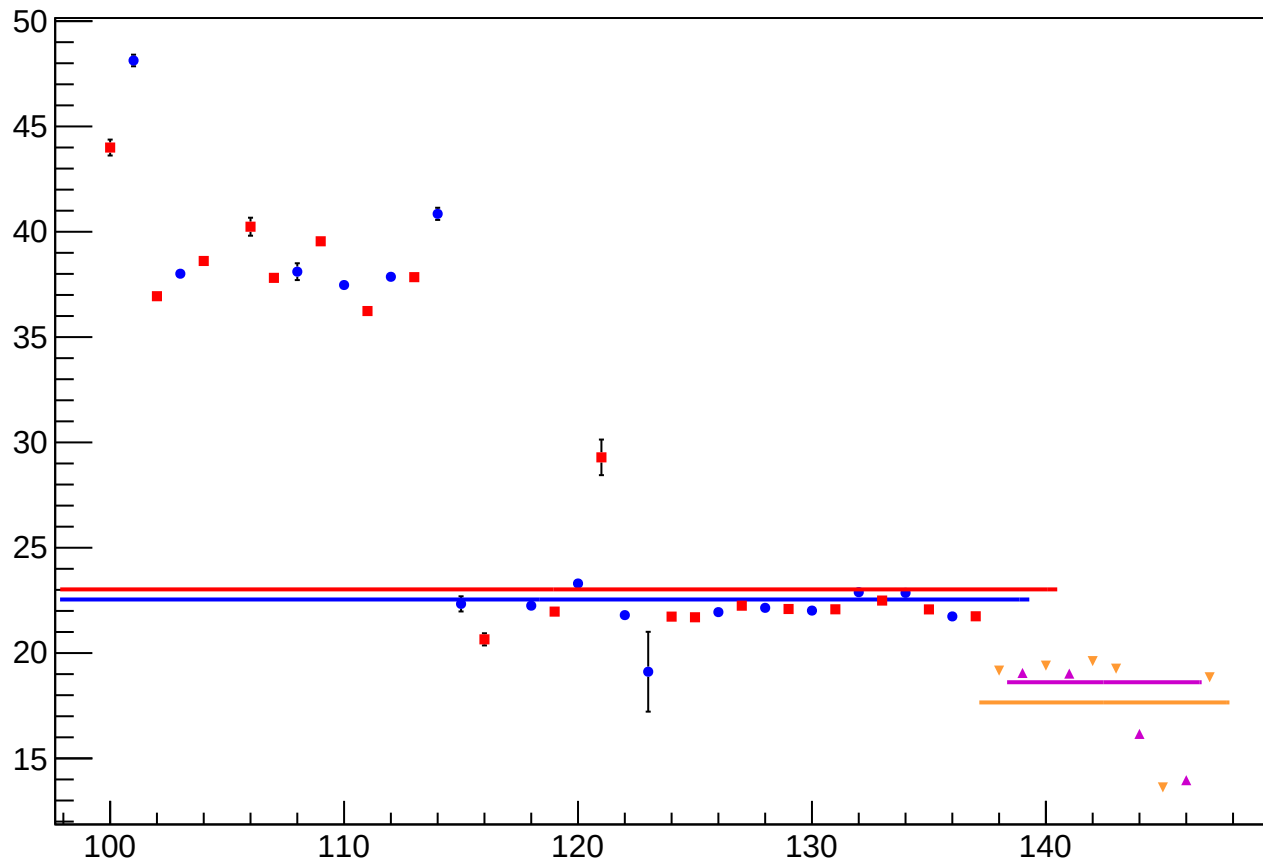
Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 24110.7/24$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 45568.7/45$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.656 $\pm$ 0.010 χ^2 /NDF: 67762.5/5

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

Left In: 18.615 $\pm$ 0.016 χ^2 /NDF: 7316.2/3

Left: 17.933 $\pm$ 0.008 χ^2 /NDF: 77790.4/9

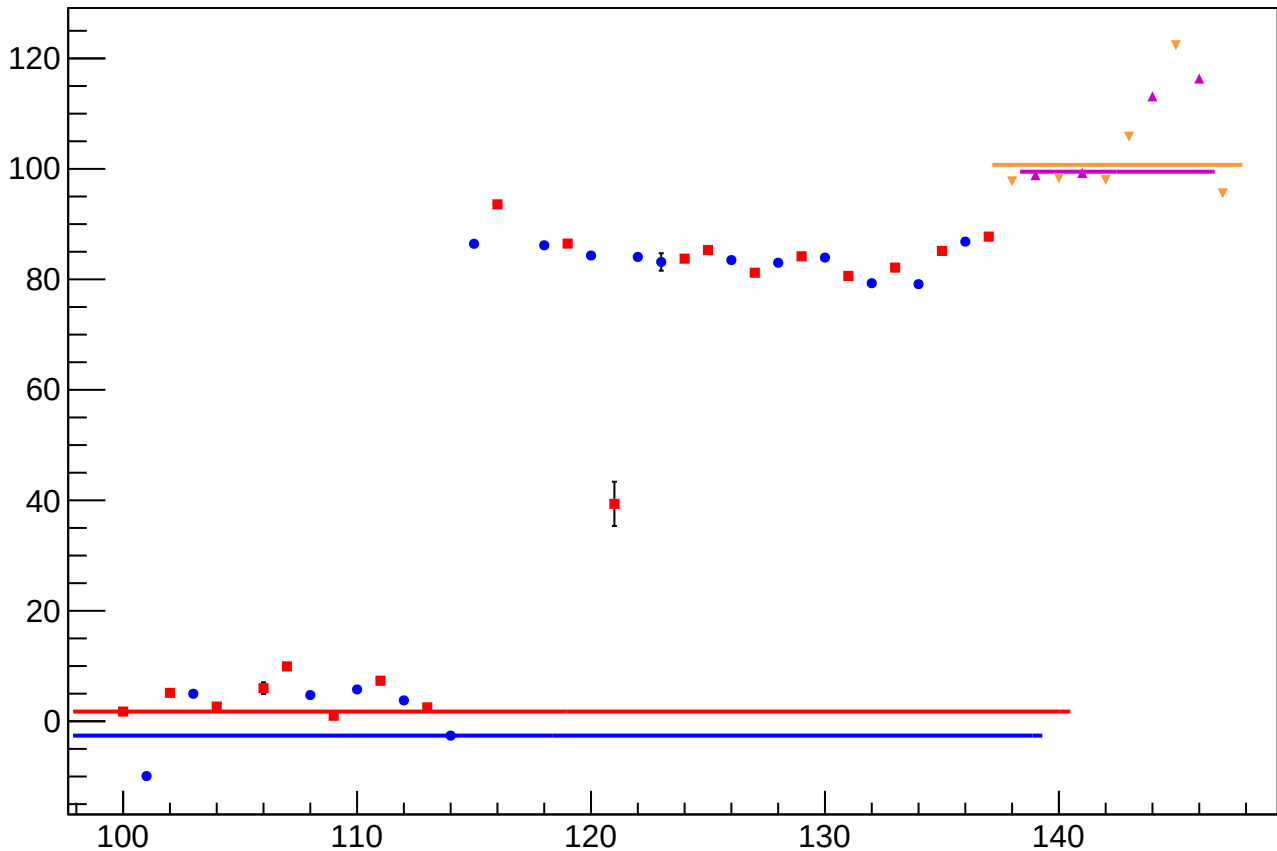
Right: 22.790 $\pm$ 0.006 χ^2 /NDF: 272655.1/35

In: 21.505 $\pm$ 0.008 χ^2 /NDF: 159826.6/20

Out: 20.581 $\pm$ 0.007 χ^2 /NDF: 393702.0/24

All: 20.961 $\pm$ 0.005 χ^2 /NDF: 561392.9/45

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 100.725+/-0.027 χ^2/NDF :55154.9/5

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

Left In: 99.492+/-0.031 χ^2/NDF :4680.3/3

Left: 100.176+/-0.020 χ^2/NDF : 60732.2/9

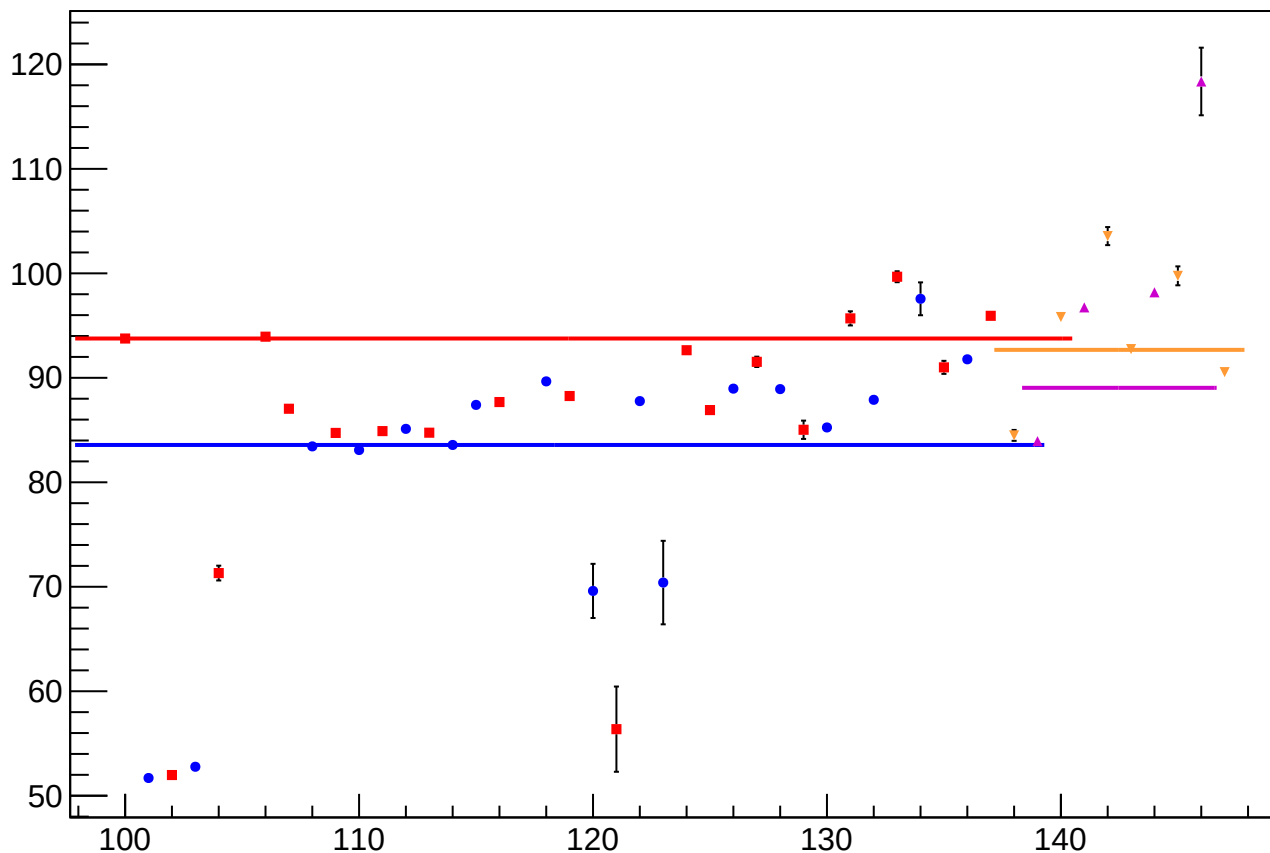
Right: -1.059+/-0.000 χ^2/NDF : 3731791751577379

In: -2.596+/-0.000 χ^2/NDF :18476051.3/20

Out: 1.758+/-0.000 χ^2/NDF :17268213.5/24

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 92.676+/-0.147 χ^2/NDF : 631.4/5

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

Left In: 89.042+/-0.145 χ^2/NDF : 2091.1/3

Left: 90.837+/-0.103 χ^2/NDF : 3032.6/9

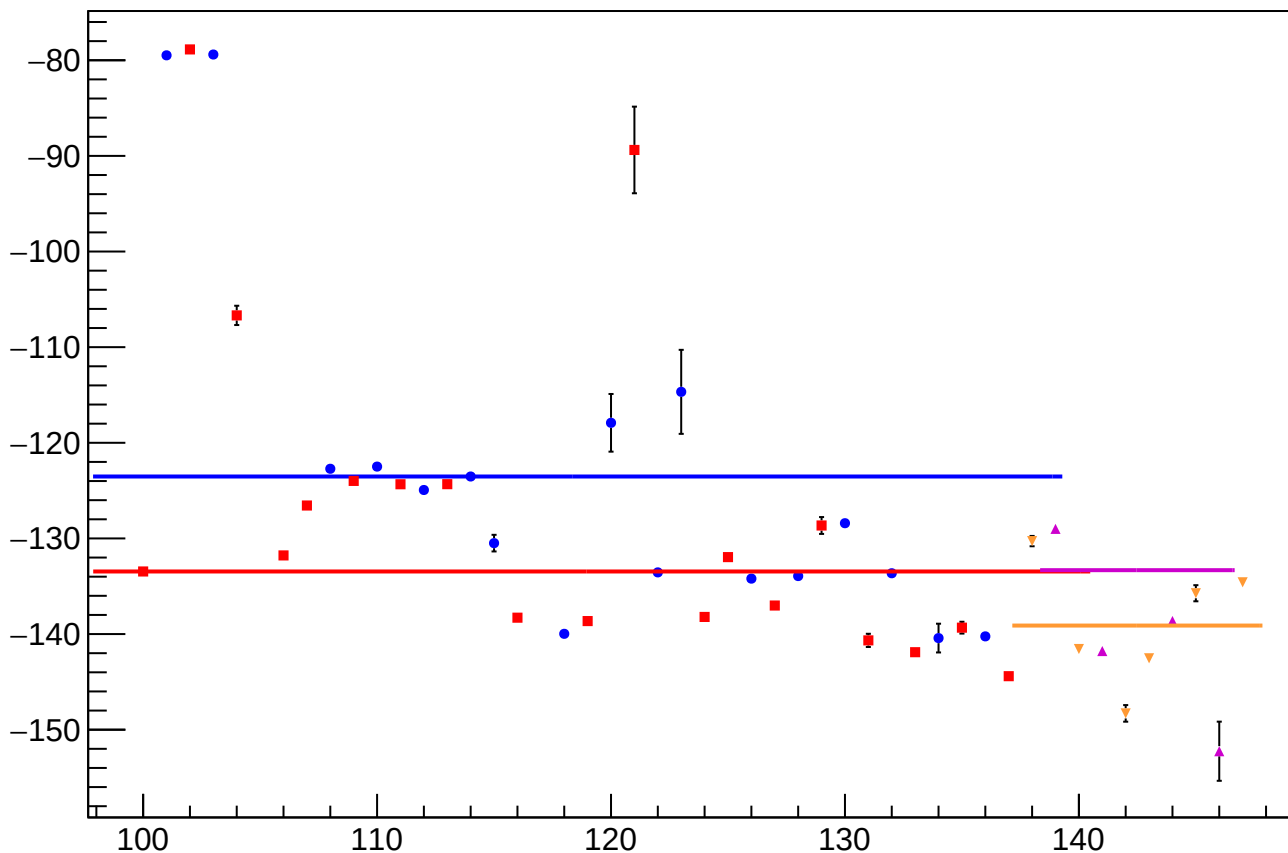
Right: 87.169+/-0.000 χ^2/NDF : 1995684404141260

In: 83.573+/-0.000 χ^2/NDF : 52981.4/20

Out: 93.762+/-0.000 χ^2/NDF : 83534.9/24

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -139.111+/-0.146 χ^2/NDF : 928.4/5

Right Out: -133.456+/-0.000 χ^2/NDF : 394896.3/18

Left In: -133.320+/-0.139 χ^2/NDF : 1658.7/3

Left: -136.086+/-0.101 χ^2/NDF : 3412.5/9

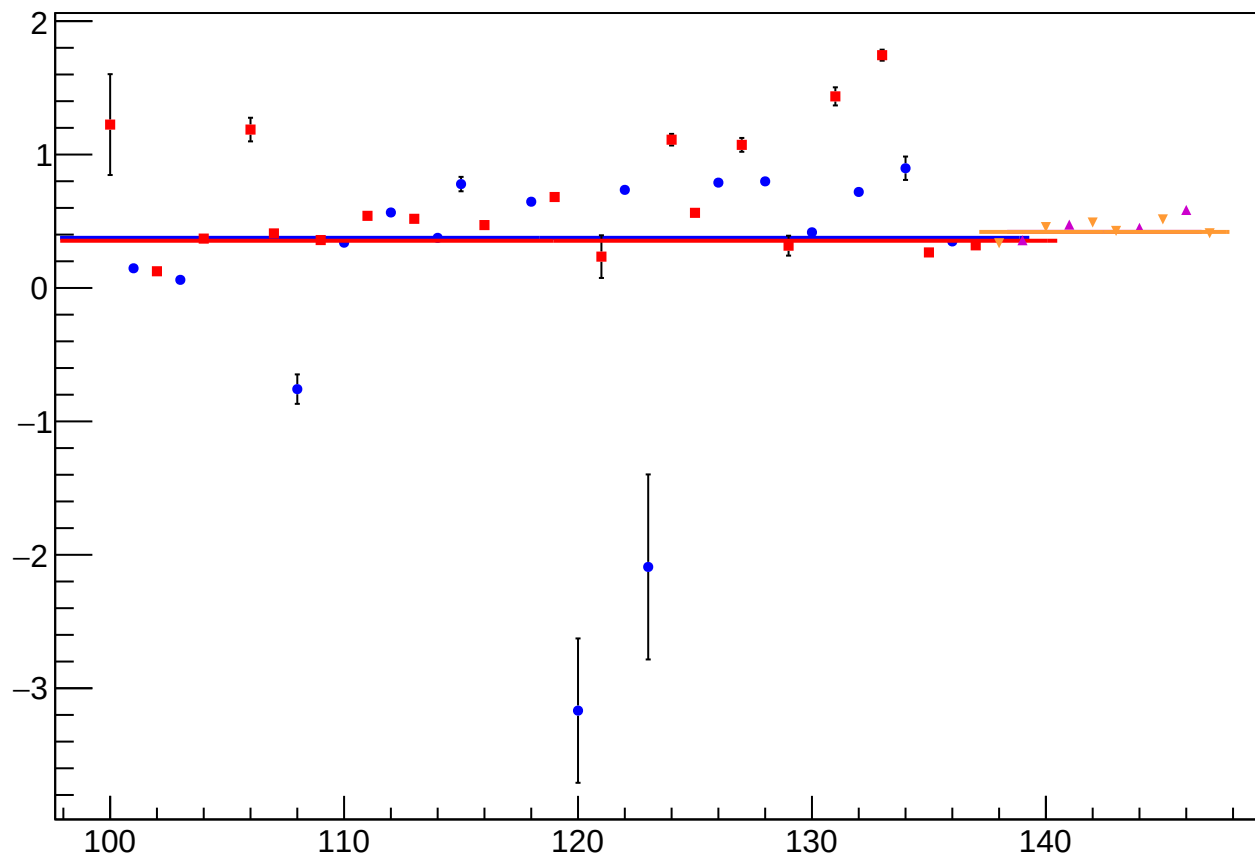
Right: -124.716+/-0.000 χ^2/NDF : 64467869901657

In: -123.524+/-0.000 χ^2/NDF : 166958.6/20

Out: -133.456+/-0.000 χ^2/NDF : 397331.7/24

All: -124.716+/-0.000 χ^2/NDF : 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376+/-0.000 χ^2/NDF : 3961.7/16

Left Out: 0.420+/-0.001 χ^2/NDF : 759.9/5

Right Out: 0.354+/-0.002 χ^2/NDF : 4592.7/18

Left In: 0.420+/-0.001 χ^2/NDF : 2649.6/3

Left: 0.420+/-0.001 χ^2/NDF : 3409.5/9

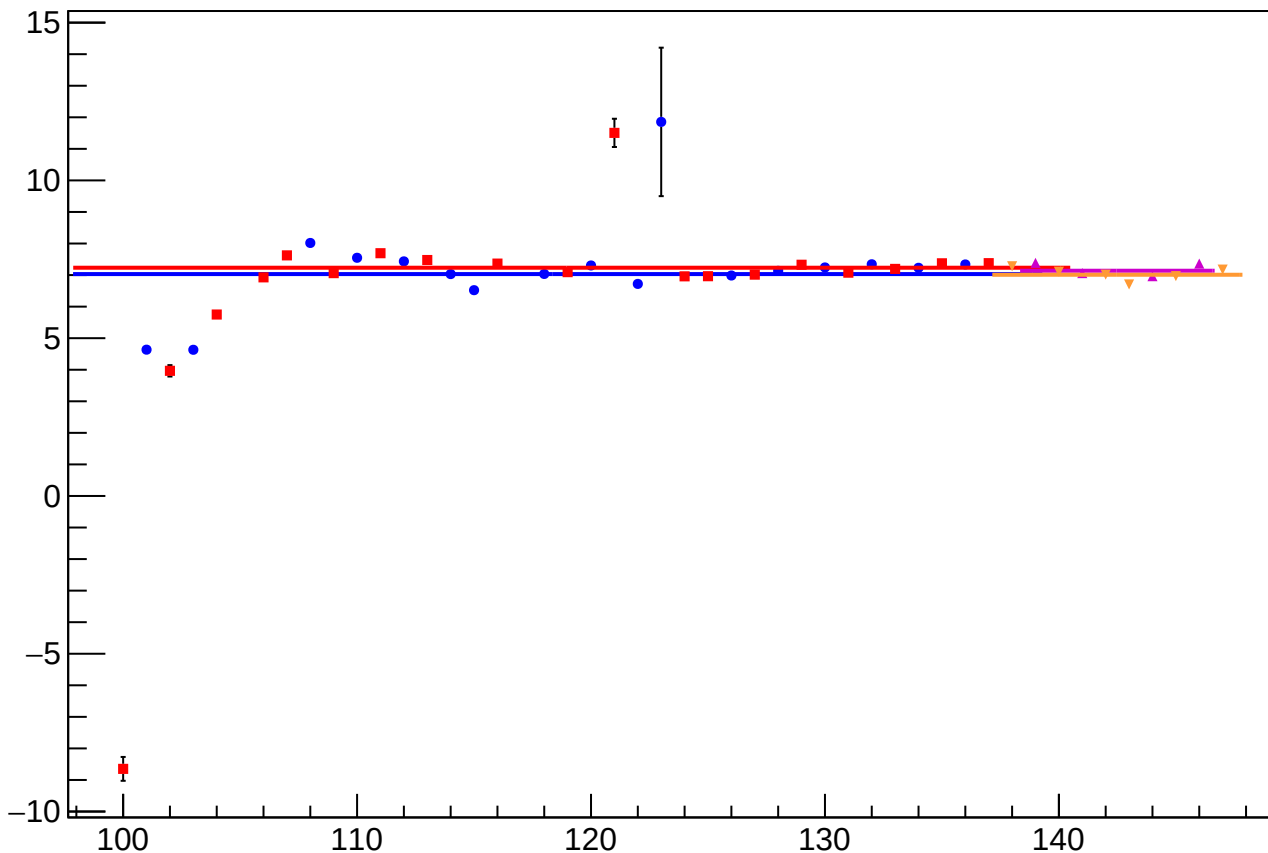
Right: 0.376+/-0.000 χ^2/NDF : 8762.1/35

In: 0.376+/-0.000 χ^2/NDF : 8300.3/20

Out: 0.398+/-0.001 χ^2/NDF : 6617.4/24

All: 0.376+/-0.000 χ^2/NDF : 15532.8/45

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.010 $\pm$ 0.002 χ^2 /NDF:9711.1/5

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

Left In: 7.138 $\pm$ 0.002 χ^2 /NDF:5843.0/3

Left: 7.068 $\pm$ 0.002 χ^2 /NDF: 17078.9/9

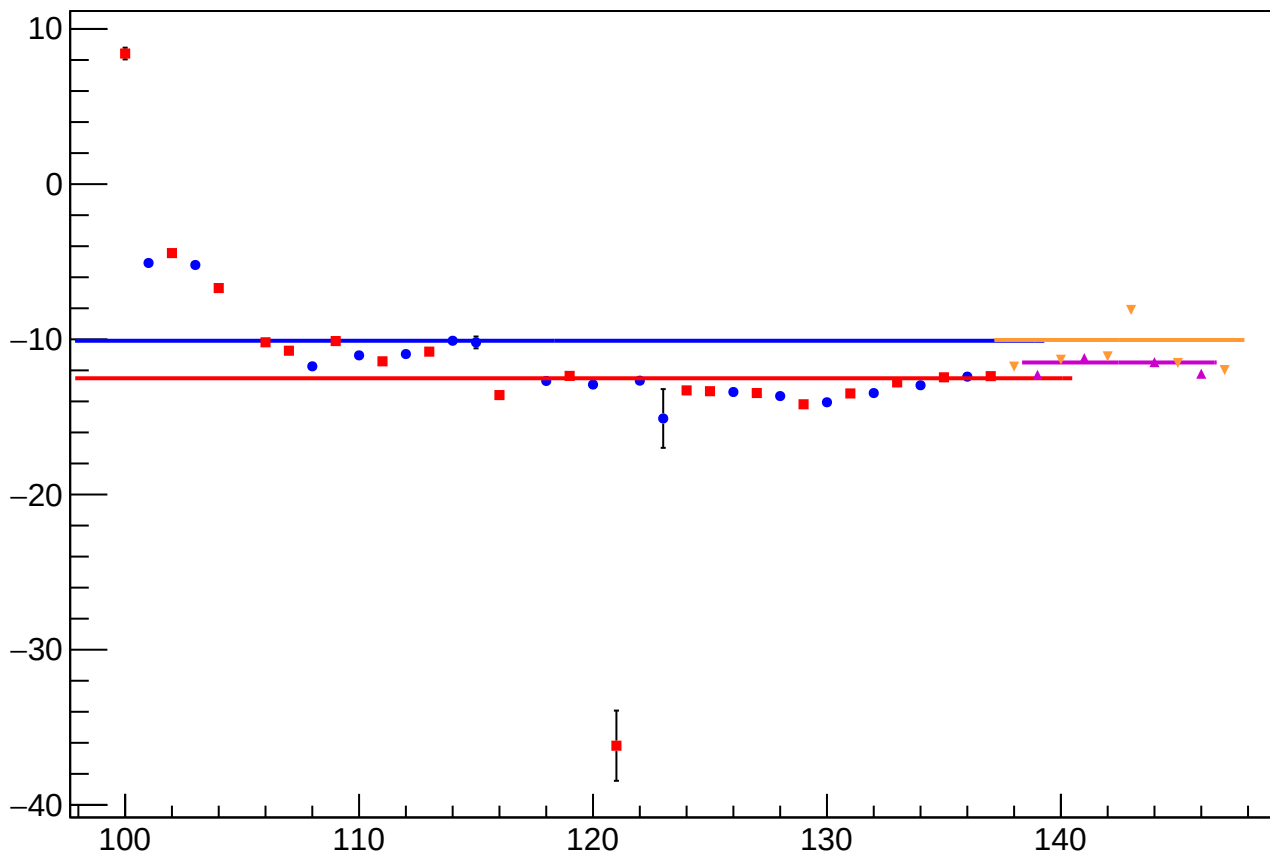
Right: 7.032 $\pm$ 0.000 χ^2 /NDF: 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2 /NDF:27540.6/20

Out: 7.112 $\pm$ 0.002 χ^2 /NDF:24513.0/24

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 54567.3/45

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -10.041 ± 0.004 χ^2/NDF : 200910.3/5

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

Left In: -11.492 ± 0.007 χ^2/NDF : 3236.7/3

Left: -10.401 ± 0.004 χ^2/NDF : 235054.8/9

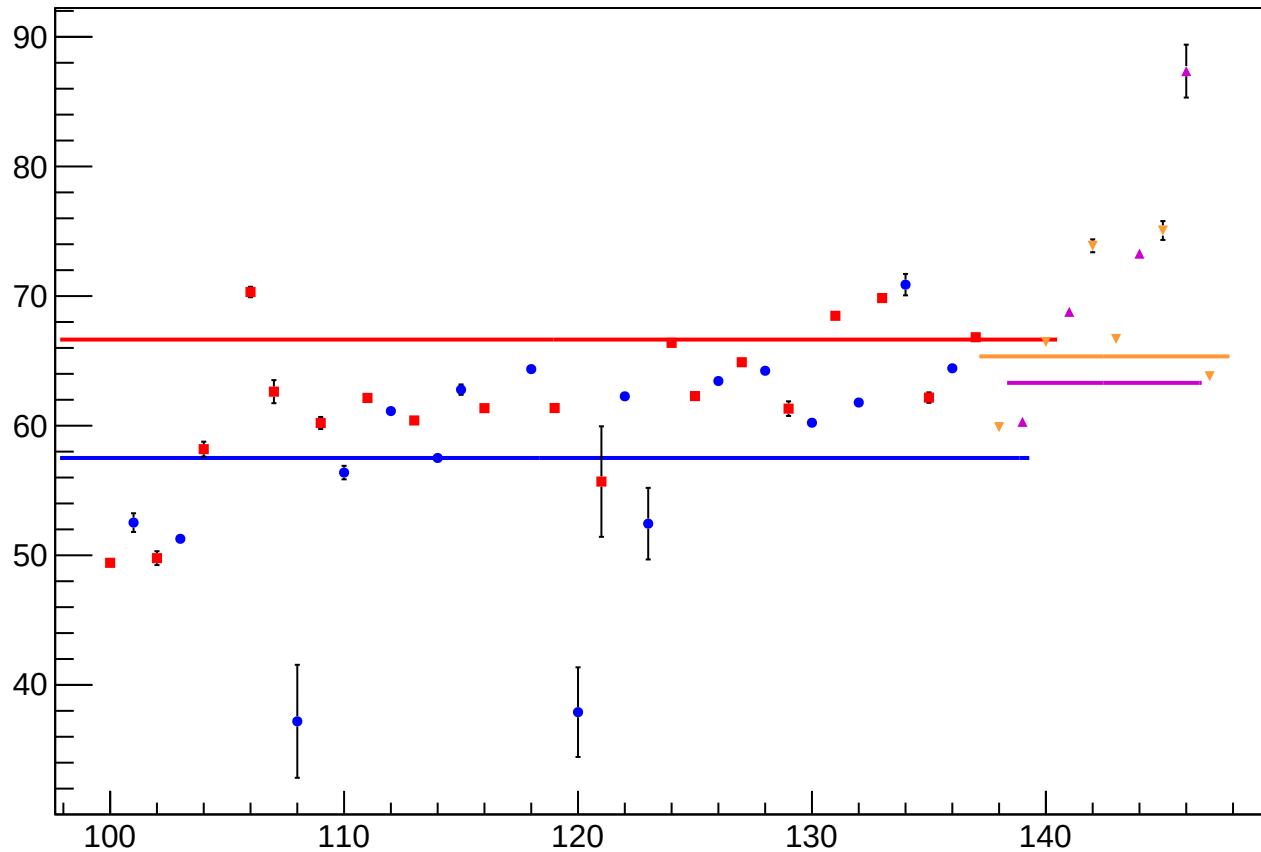
Right: -10.092 ± 0.000 χ^2/NDF : 1062248.5/35

In: -10.092 ± 0.000 χ^2/NDF : 585037.7/20

Out: -11.388 ± 0.003 χ^2/NDF : 501035.4/24

All: -10.092 ± 0.000 χ^2/NDF : 1304843.4/45

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 65.346 $\pm$ 0.097 χ^2 /NDF:993.9/5

Right Out: 66.645 $\pm$ 0.013 χ^2 /NDF: 8163.8/18

Left In: 63.305 $\pm$ 0.098 χ^2 /NDF:2324.1/3

Left: 64.334 $\pm$ 0.069 χ^2 /NDF: 3535.6/9

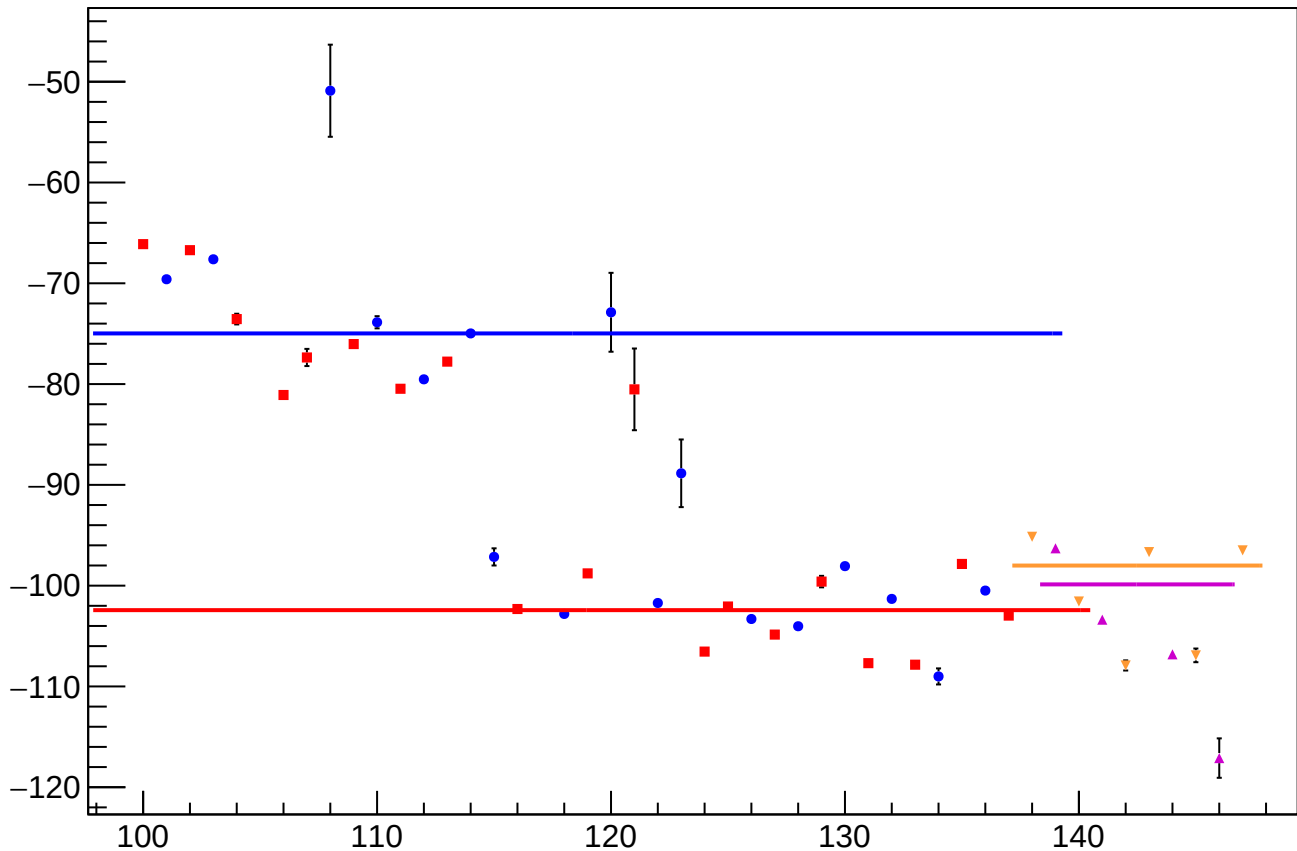
Right: 57.510 $\pm$ 0.000 χ^2 /NDF: 504438.3/35

In: 57.510 $\pm$ 0.000 χ^2 /NDF:13912.3/20

Out: 66.622 $\pm$ 0.013 χ^2 /NDF:9332.4/24

All: 57.510 $\pm$ 0.000 χ^2 /NDF: 517705.2/45

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -98.006 ± 0.098 $\chi^2/\text{NDF}: 1029.8/5$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

Left In: -99.875 ± 0.115 $\chi^2/\text{NDF}: 1331.4/3$

Left: -98.793 ± 0.075 $\chi^2/\text{NDF}: 2513.0/9$

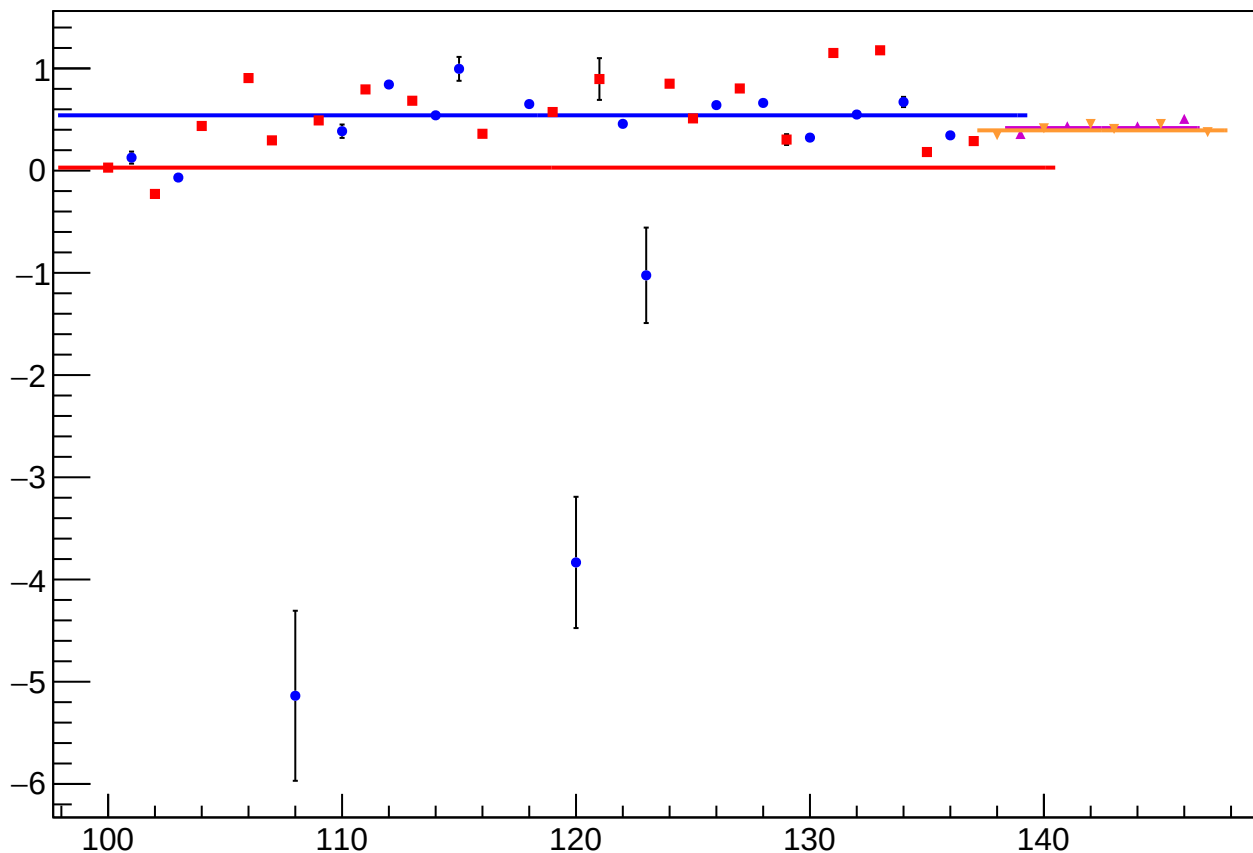
Right: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2556524.2/35$

In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 178379.2/20$

Out: -102.290 ± 0.018 $\chi^2/\text{NDF}: 53362.4/24$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2660093.6/45$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.394 $\pm$ 0.001 χ^2 /NDF:699.8/5

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

Left In: 0.416 $\pm$ 0.001 χ^2 /NDF:1069.7/3

Left: 0.405 $\pm$ 0.001 χ^2 /NDF: 2042.3/9

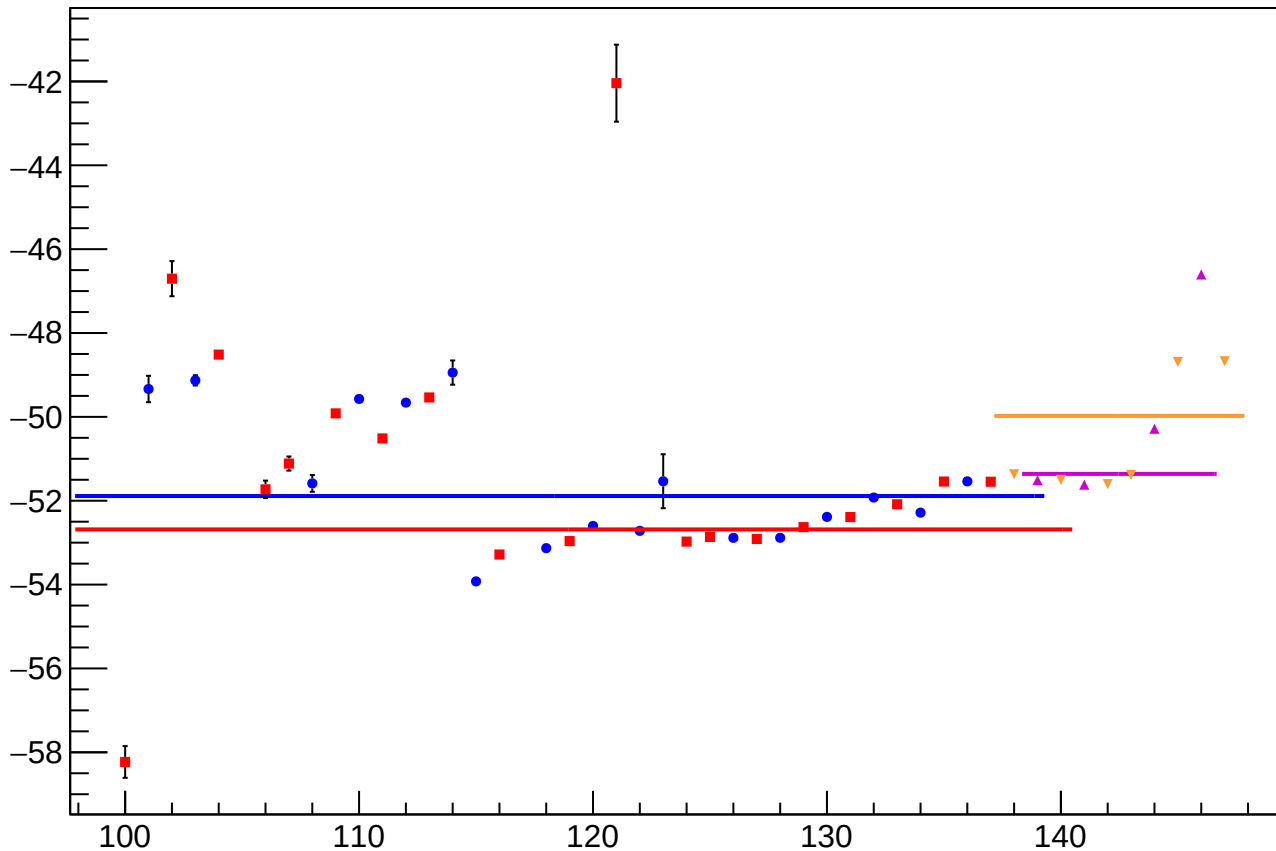
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:46323.3/20

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:273355.7/24

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -49.977 $\pm$ 0.003 χ^2 /NDF:208806.7/5

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -51.360 $\pm$ 0.004 χ^2 /NDF:67740.5/3

Left: -50.512 $\pm$ 0.002 χ^2 /NDF: 358336.4/9

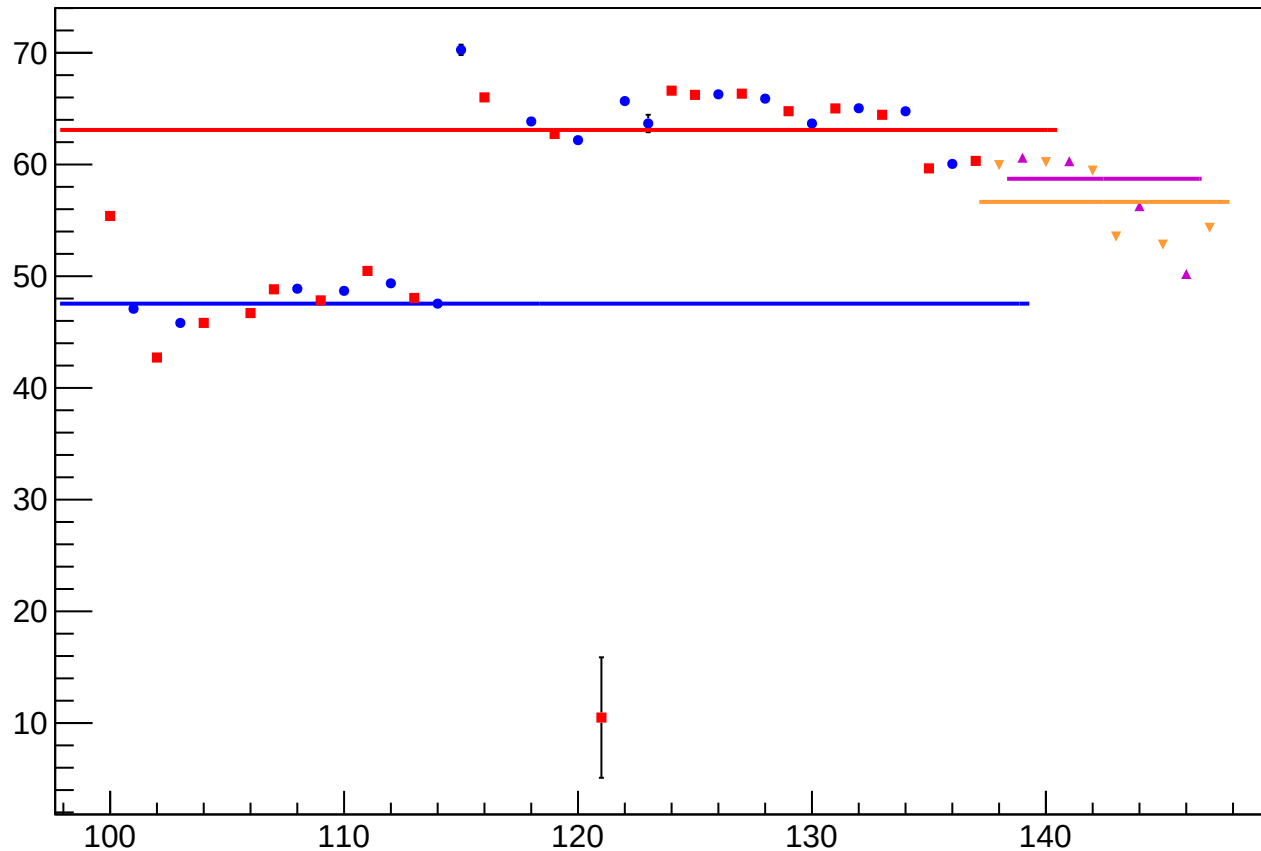
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -51.752 $\pm$ 0.002 χ^2 /NDF:159761.2/20

Out: -51.547 $\pm$ 0.002 χ^2 /NDF:734653.9/24

All: -51.651 $\pm$ 0.001 χ^2 /NDF: 900035.9/45

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 56.653 $\pm$ 0.008 χ^2 /NDF:171061.7/5

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

Left In: 58.723 $\pm$ 0.020 χ^2 /NDF:27556.0/3

Left: 56.907 $\pm$ 0.007 χ^2 /NDF: 207766.3/9

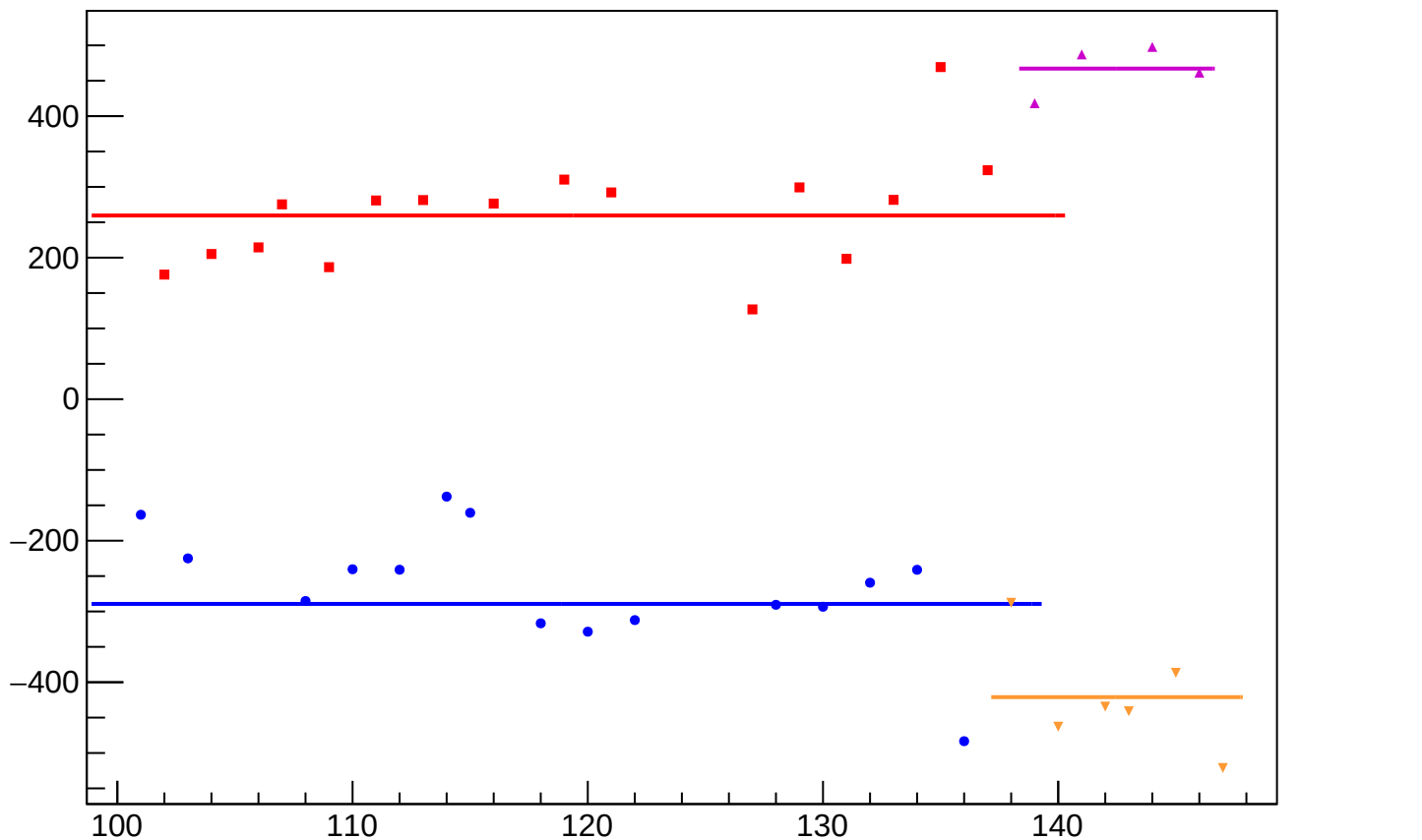
Right: 47.545 $\pm$ 0.000 χ^2 /NDF: 8155028.5/35

In: 47.545 $\pm$ 0.000 χ^2 /NDF:3823300.9/20

Out: 59.922 $\pm$ 0.005 χ^2 /NDF:870774.6/24

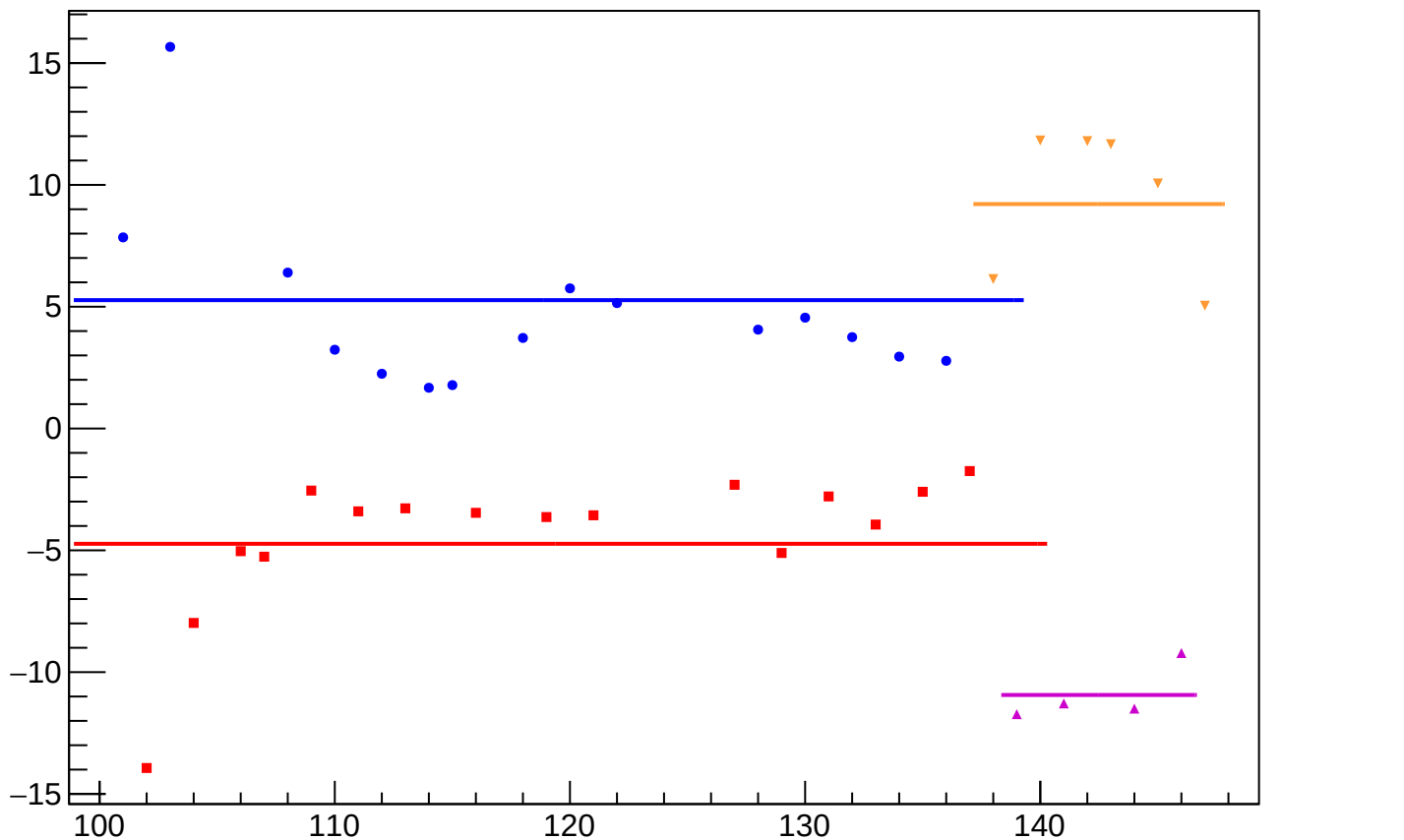
All: 47.545 $\pm$ 0.000 χ^2 /NDF: 10099807.3/45

dit_4aX_coil1_mean vs Slug, Sign Corrected



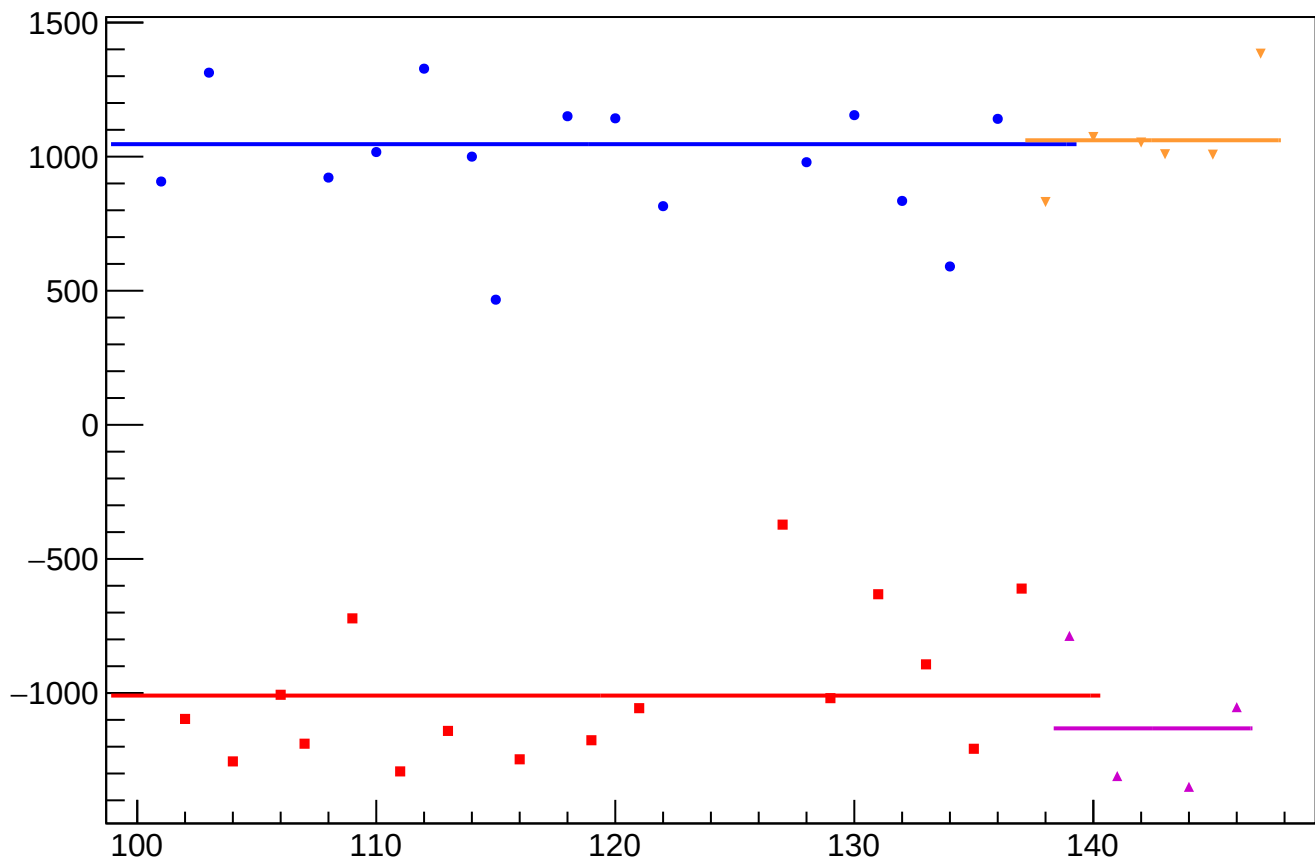
Left: -31.167 ± 0.000 $\chi^2/\text{NDF}: 1523767010076531$
 Right In: -289.322 ± 0.000 $\chi^2/\text{NDF}: 5369681640484891478649585392183934976.0/14$
 Right: -11.129 ± 0.000 $\chi^2/\text{NDF}: 108768514077982$
 Left Out: -421.077 ± 0.000 $\chi^2/\text{NDF}: 2443216224116689862112174900292616192.0/5$
 In: -30.257 ± 0.000 $\chi^2/\text{NDF}: 13287734337395583$
 Right Out: 259.558 ± 0.000 $\chi^2/\text{NDF}: 4299886792692123970784563983770714112.0/15$
 Out: -7.990 ± 0.000 $\chi^2/\text{NDF}: 12820510463369786$
 Left In: 467.179 ± 0.000 $\chi^2/\text{NDF}: 314559826386023592589677083234402304.0/3$
 All: -18.525 ± 0.000 $\chi^2/\text{NDF}: 261340279561$

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



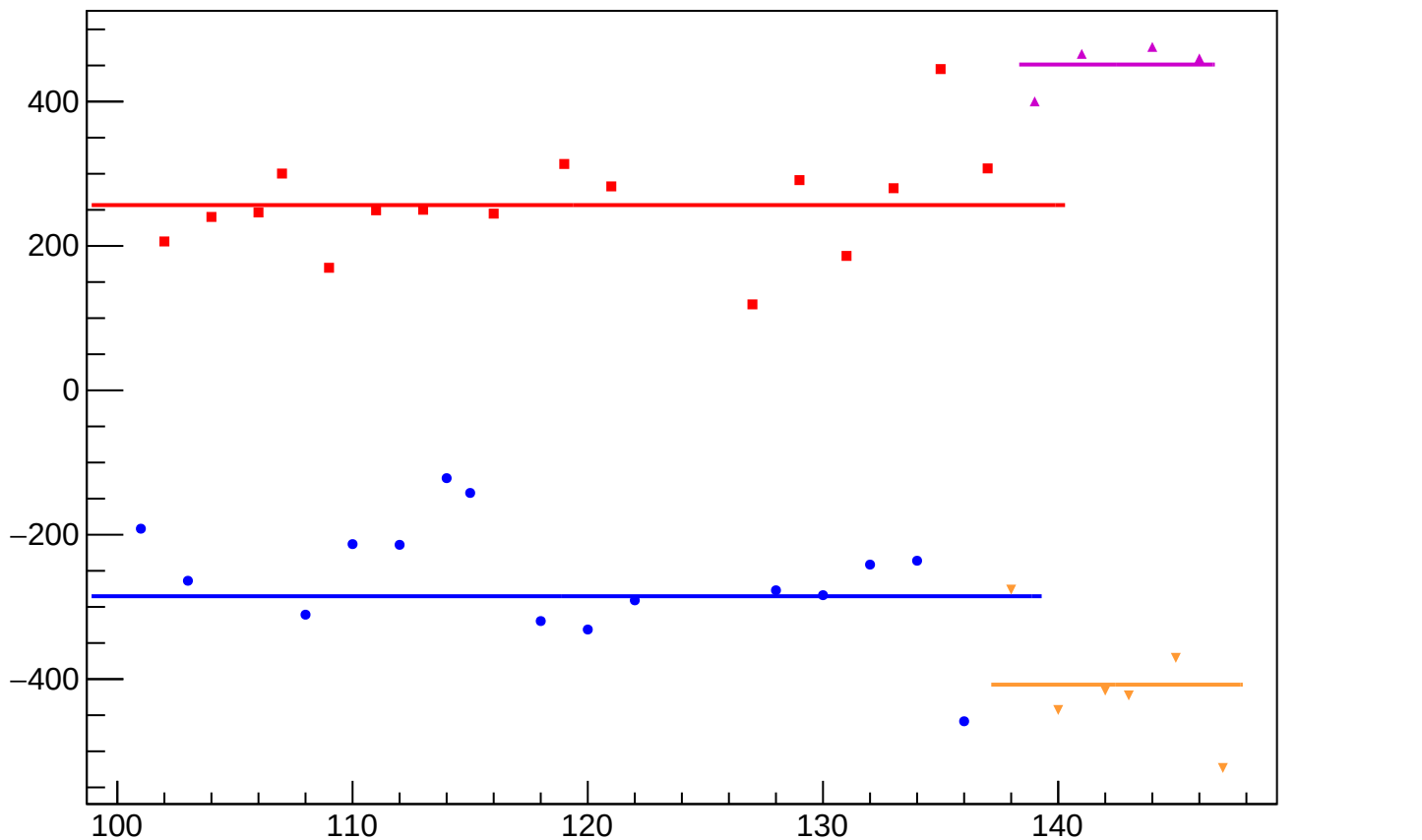
Right In: 5.270 $\pm$ 0.000 χ^2 /NDF: 8709683292123798330550906790084608.0/14
 Left Out: 9.213 $\pm$ 0.000 χ^2 /NDF: 3424658521299150725136027106672640.0/5
 Right Out: -4.732 $\pm$ 0.000 χ^2 /NDF: 6856893072575211562802281426452480.0/15
 Left In: -10.938 $\pm$ 0.000 χ^2 /NDF: 334298387414422326603452612870144.0/3
 All: 0.262 $\pm$ 0.000 χ^2 /NDF: 12924404474268

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -407.674+/-0.000

χ^2/NDF : 2621409226401338547801860915792445440.0/5

Right Out: 256.599+/-0.000

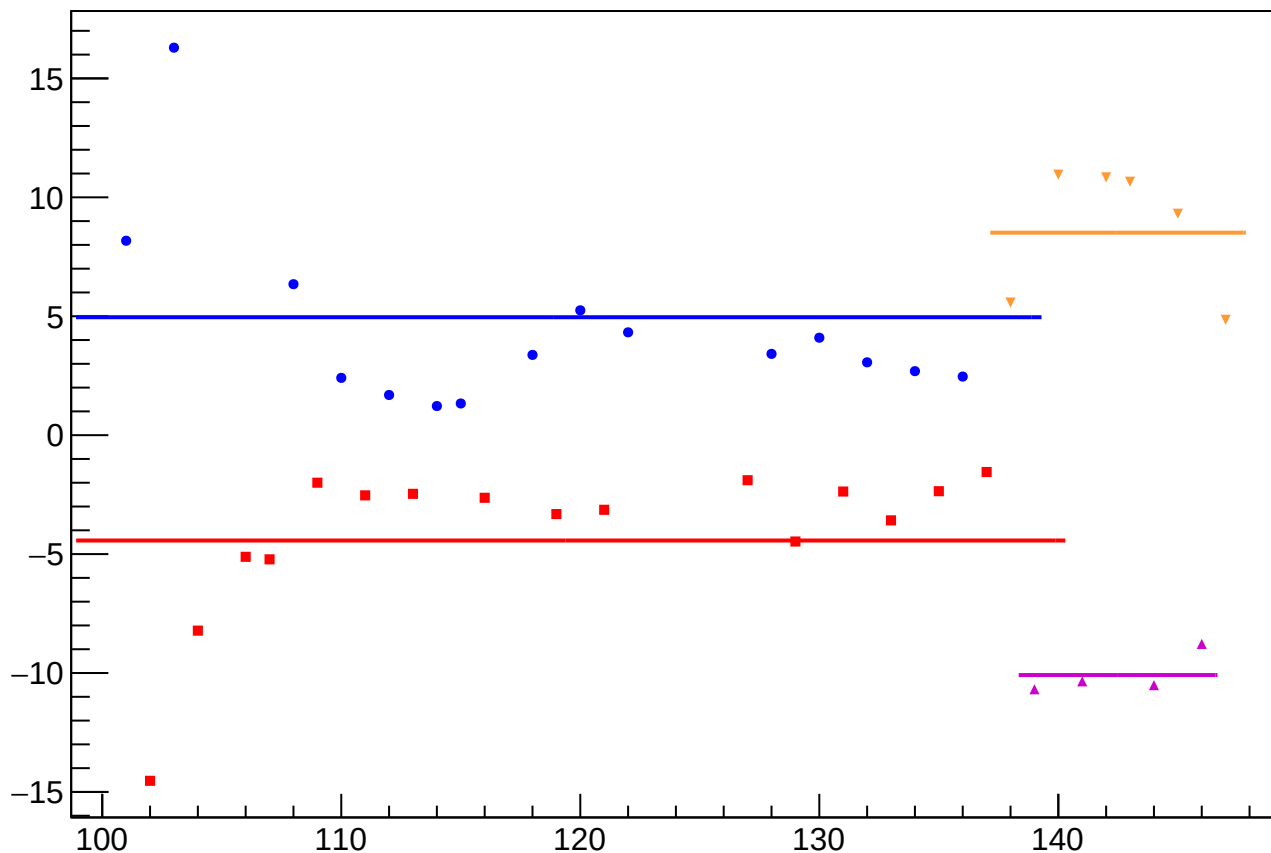
χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: 451.303+/-0.000

χ^2/NDF : 288606625751146349404185605219287040.0/3

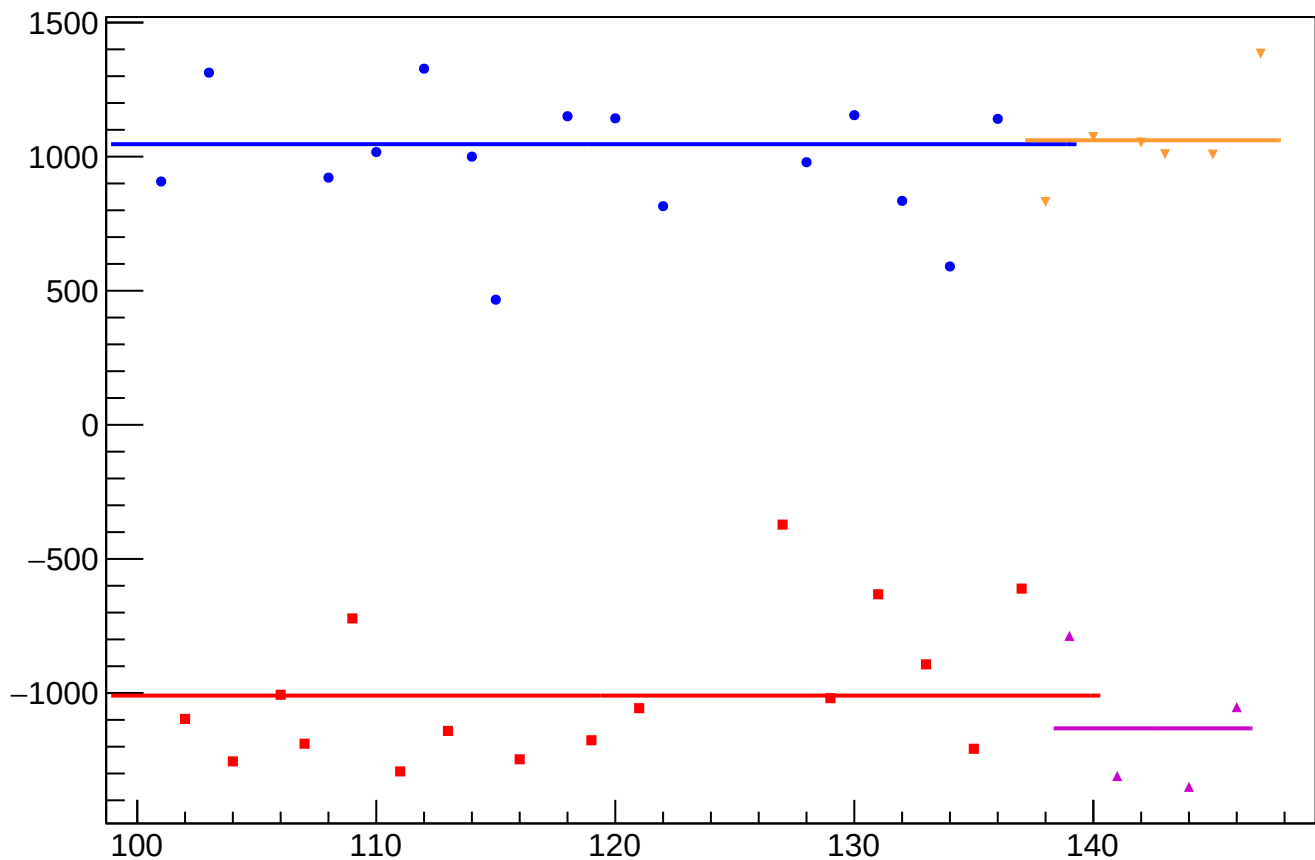
All: -17.982+/-0.000 χ^2/NDF : 247704338989

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959 ± 0.000 $\chi^2/\text{NDF}: 10465467057143371817371681641463808.0/14$
 Left Out: 8.514 ± 0.000 $\chi^2/\text{NDF}: 2814981473460372769836284925444096.0/5$
 Right Out: -4.429 ± 0.000 $\chi^2/\text{NDF}: 8371440400334524571131796772618240.0/15$
 Left In: -10.085 ± 0.000 $\chi^2/\text{NDF}: 193574730158900479963766036889600.0/3$
 All: 0.256 ± 0.000 $\chi^2/\text{NDF}: 11644934713348$

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000

χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: -1009.445+/-0.000

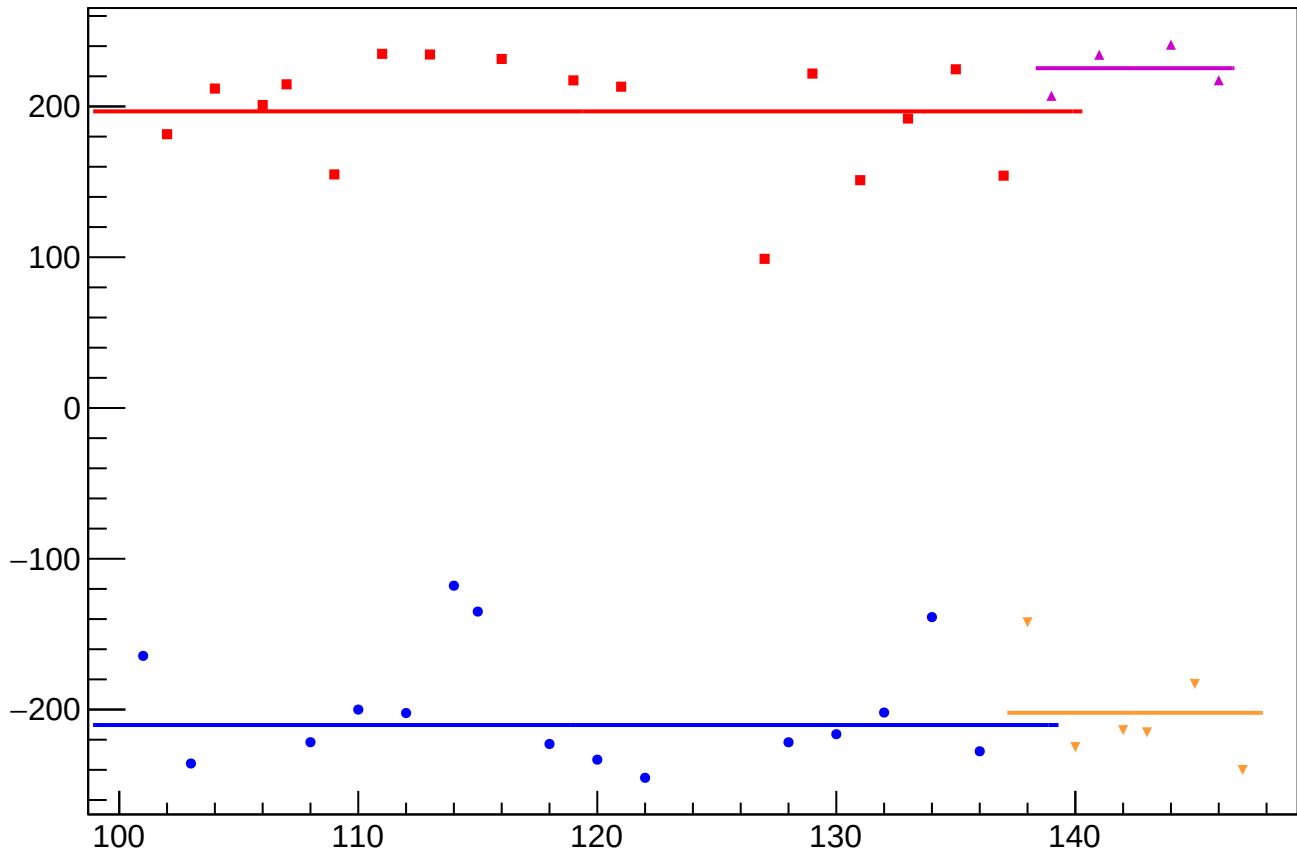
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1131.722+/-0.000

χ^2/NDF : 17062050594684537989489620676895571968.0/3

All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

Left Out: -202.150+/-0.000

Right Out: 196.736+/-0.000

Left In: 225.364+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

χ^2/NDF : 482844235838505387688400041688432640.0/5

χ^2/NDF : 909588895093044840633640514790359040.0/15

χ^2/NDF : 60911932667602584922616750084718592.0/3

Left: -14.488+/-0.000 χ^2/NDF : 3520227651915633

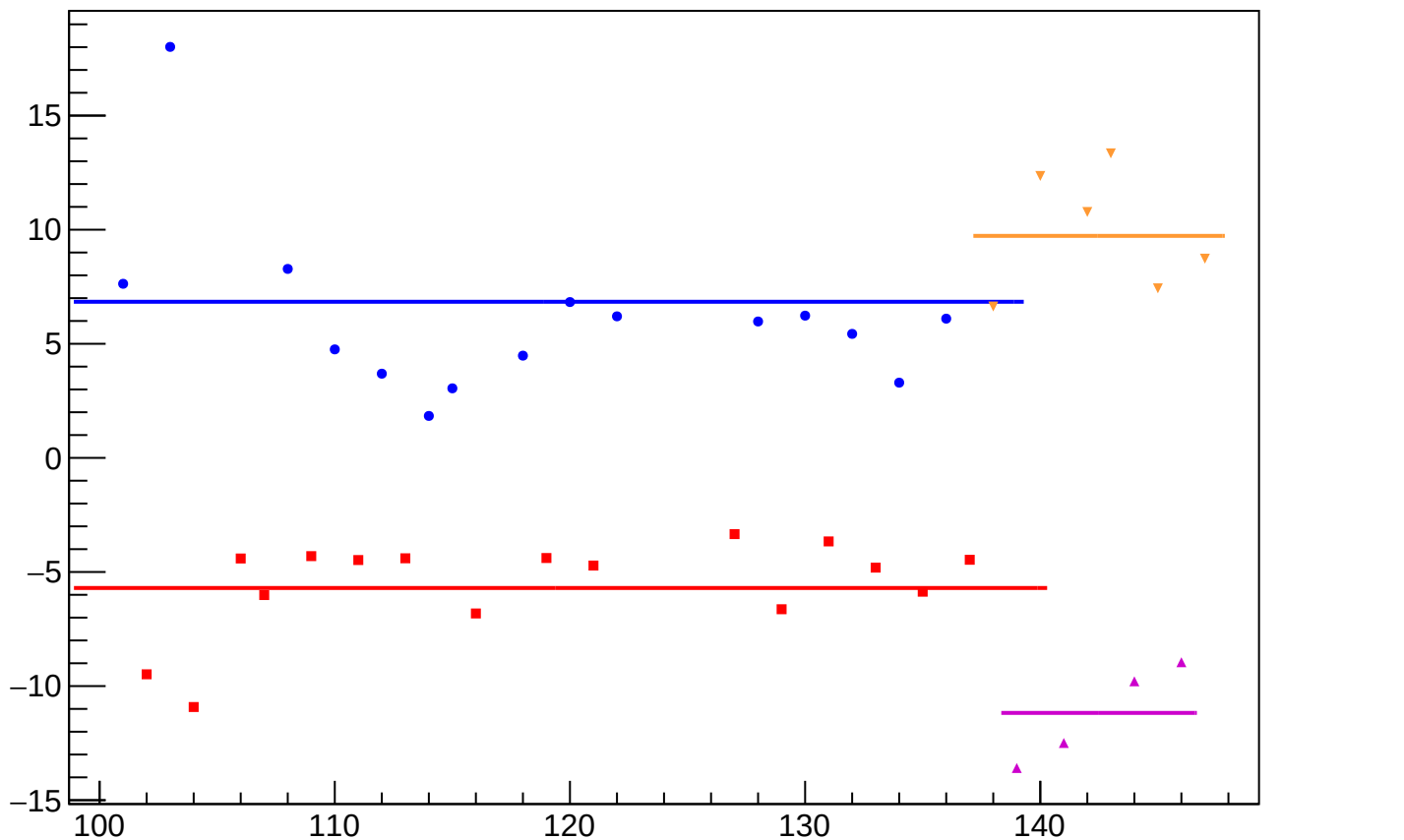
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: -61.081+/-0.000 χ^2/NDF : 42805194193178283

Out: 39.941+/-0.000 χ^2/NDF : 43109104004634686

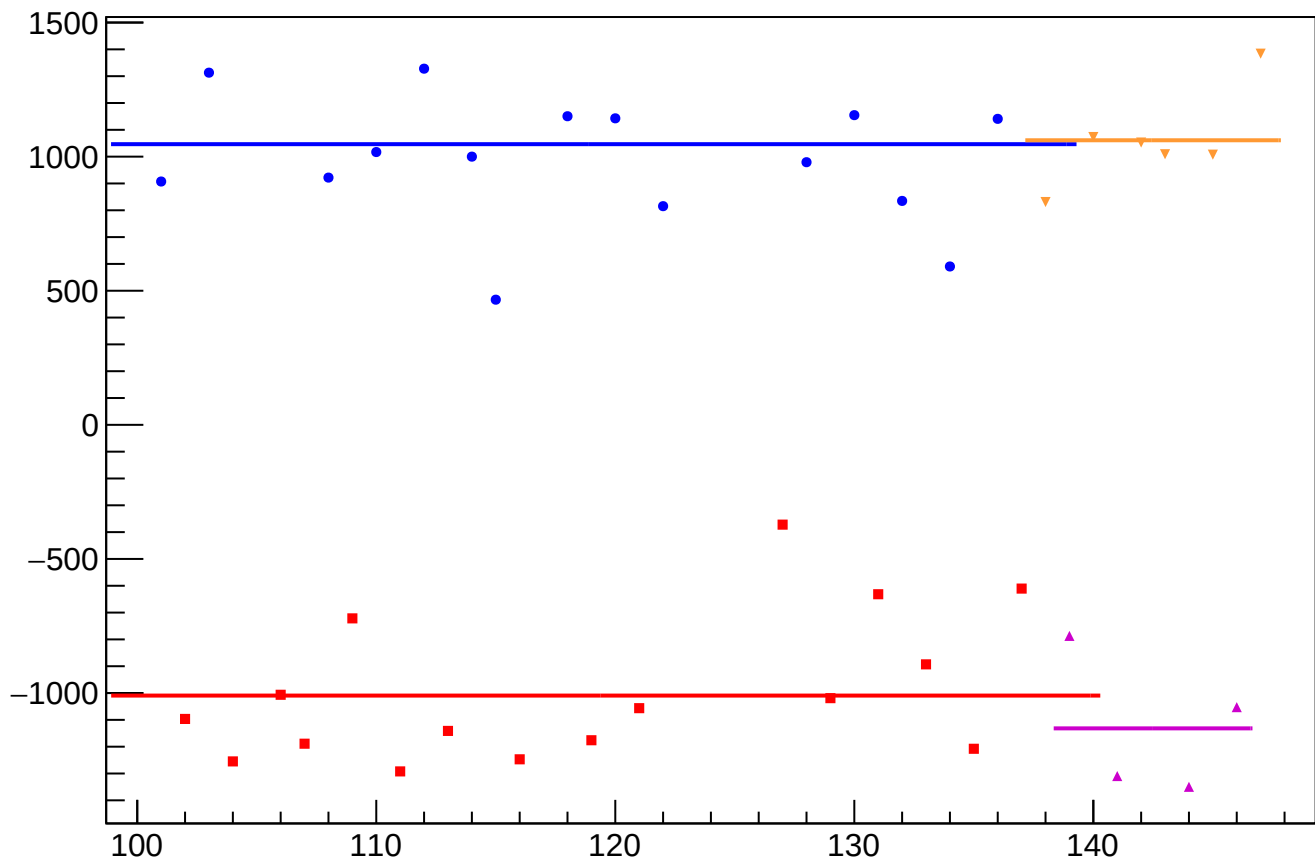
All: -7.858+/-0.000 χ^2/NDF : 9122100679832

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



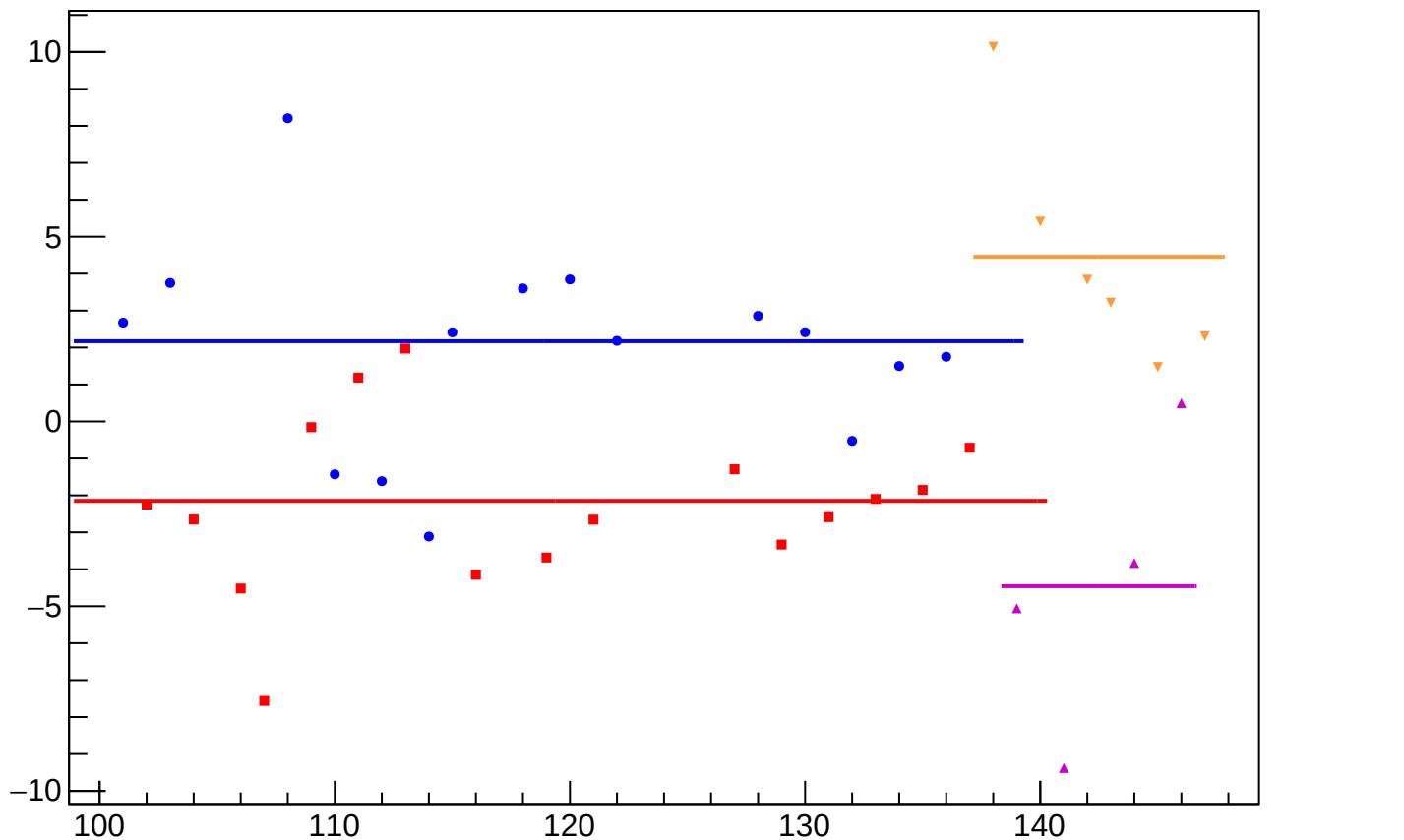
Right In: 6.842 $\pm$ 0.000 χ^2 /NDF: 9355934166823324467316647620771840.0/14
 Left Out: 9.729 $\pm$ 0.000 χ^2 /NDF: 2745052439335168564963731985924096.0/5
 Right Out: -5.701 $\pm$ 0.000 χ^2 /NDF: 3174693398300953393137731791486976.0/15
 Left In: -11.175 $\pm$ 0.000 χ^2 /NDF: 1199818568767137776826994483265536.0/3
 All: 0.510 $\pm$ 0.000 χ^2 /NDF: 15109509725799

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



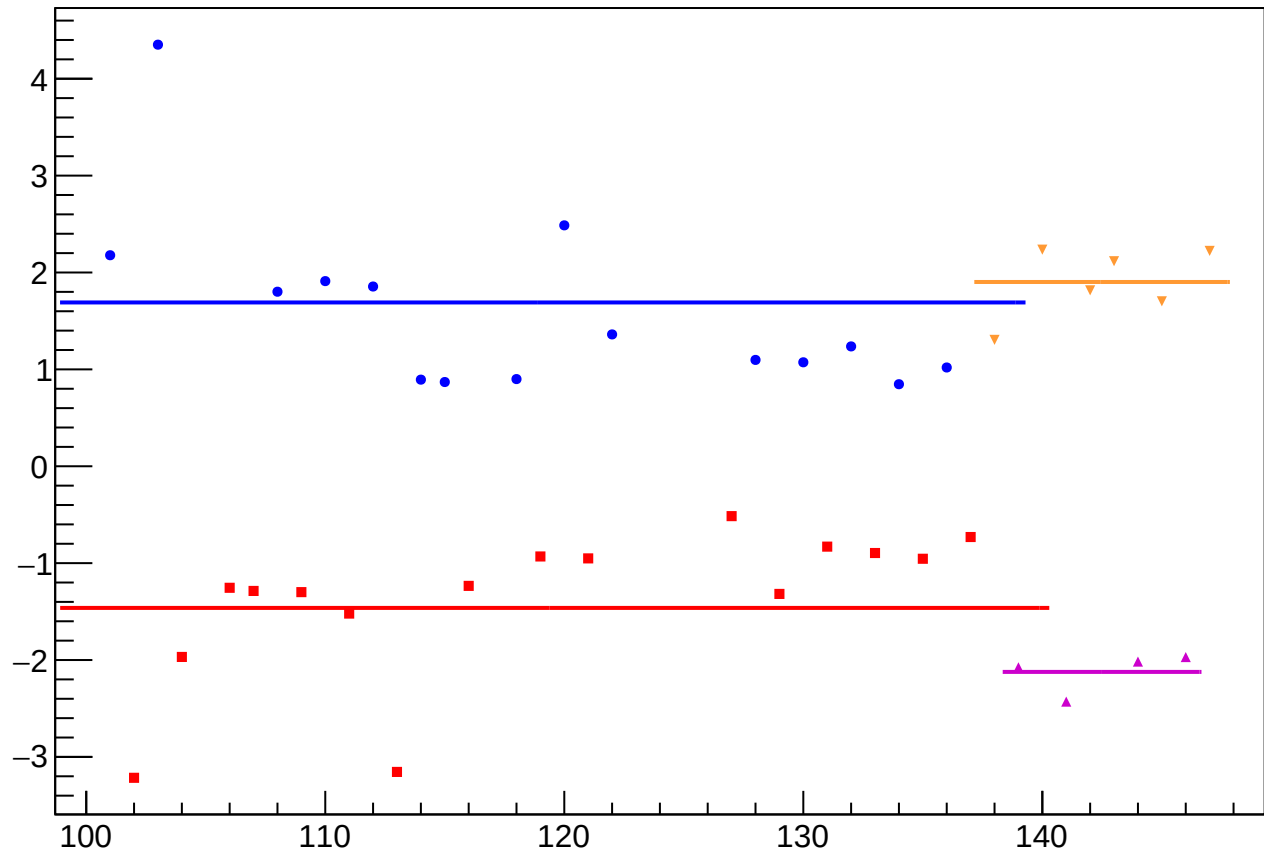
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_4aY_coil1_mean vs Slug, Sign Corrected



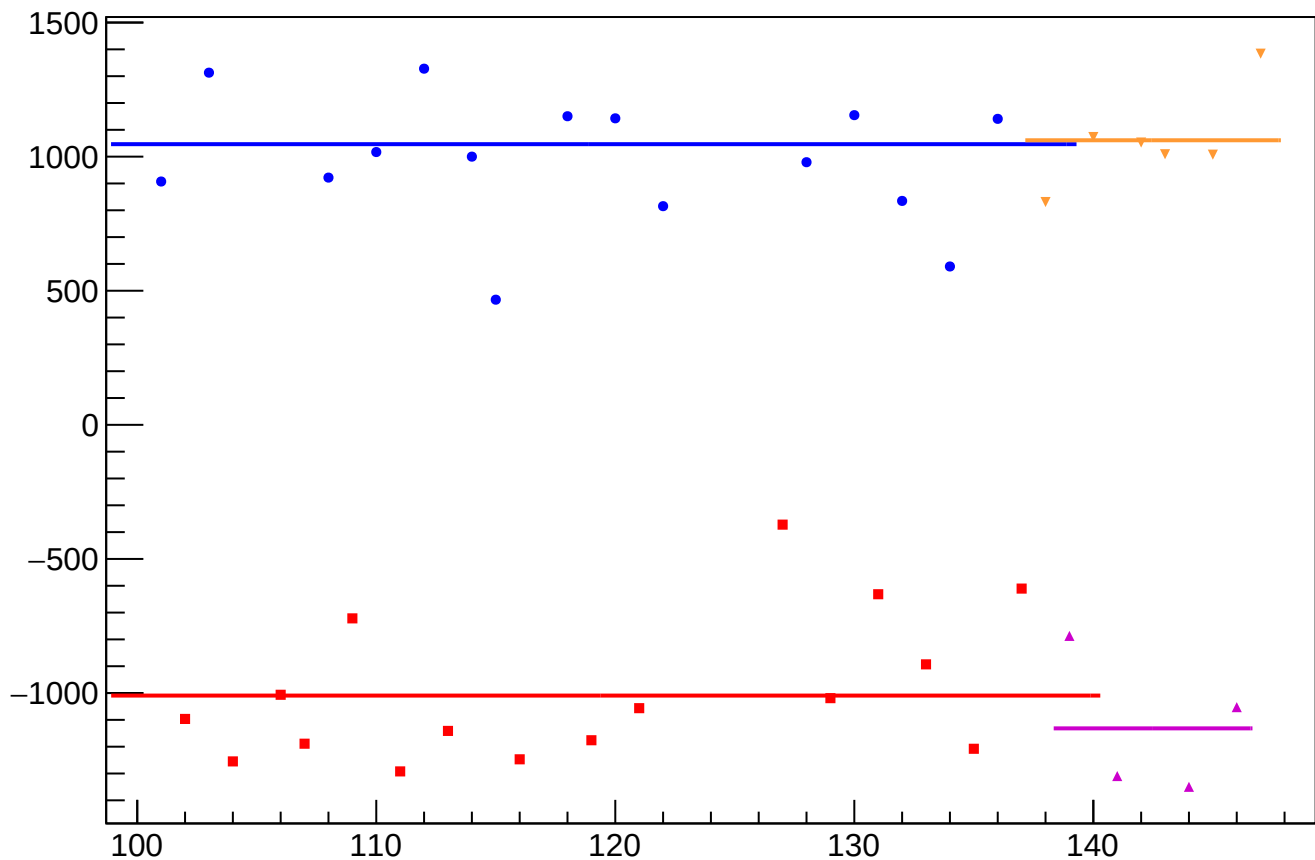
Left: 0.543+/-0.000 χ^2/NDF : 230147041369637092
 Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.455+/-0.000 χ^2/NDF : 3796124766410855422877739507515392.0/5
 Right Out: -2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: -4.456+/-0.000 χ^2/NDF : 4158184965481864725350714022297600.0/3
 All: 0.189+/-0.000 χ^2/NDF : 35997148121757

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



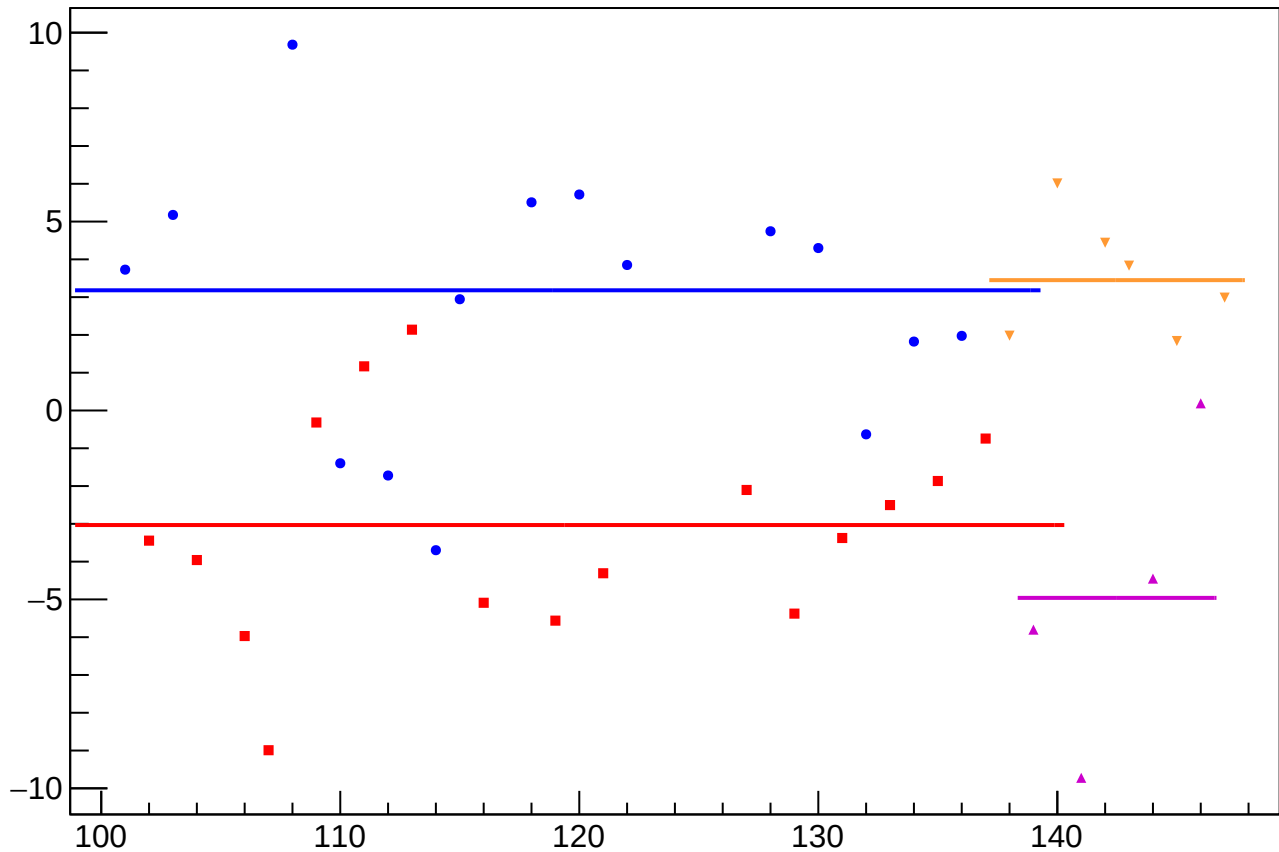
Left: 0.135 +/- 0.000 χ^2/NDF : 313455585317165469
 Right: 0.093 +/- 0.000 χ^2/NDF : 43263312753970357
 In: 0.385 +/- 0.000 χ^2/NDF : 3855231393114779647
 Out: -0.140 +/- 0.000 χ^2/NDF : 34634770151191186
 All: 0.109 +/- 0.000 χ^2/NDF : 74617709547288

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



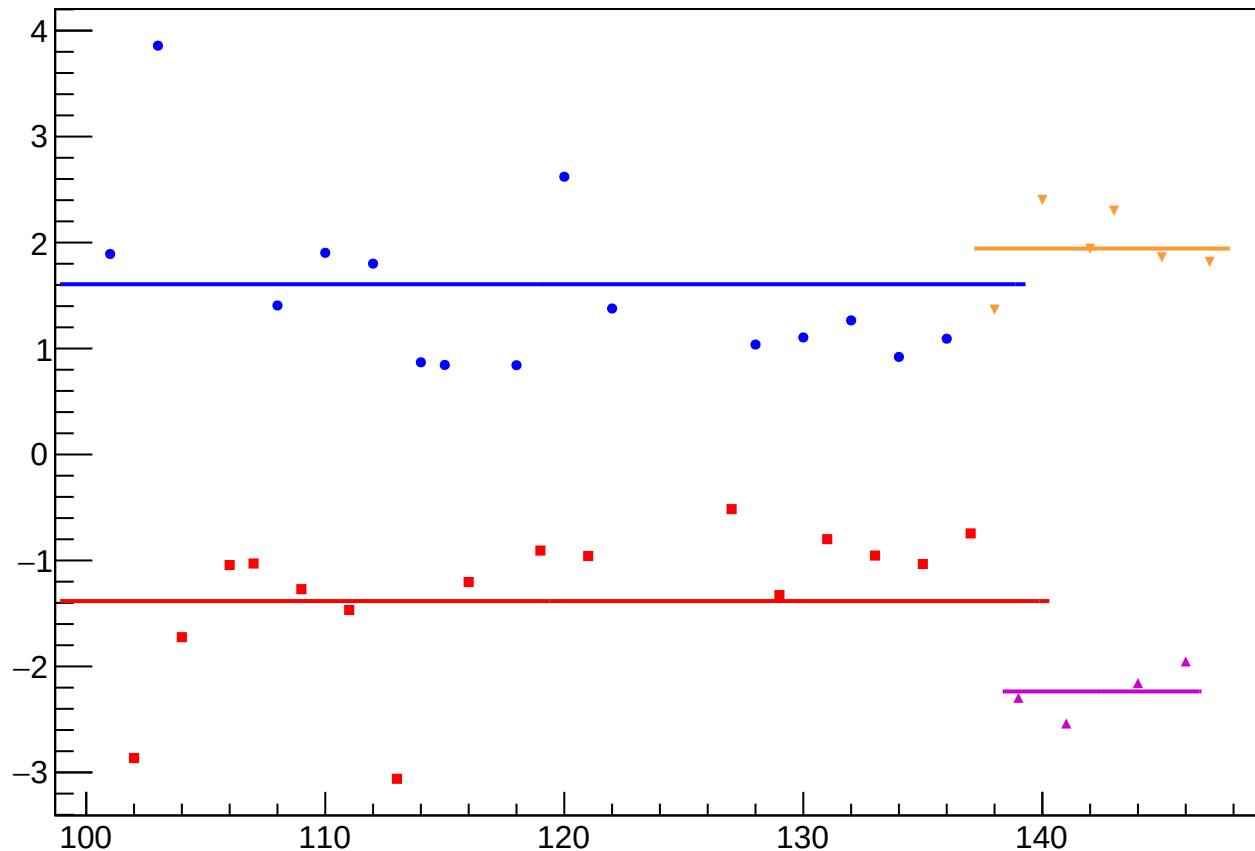
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_4eY_coil1_mean vs Slug, Sign Corrected



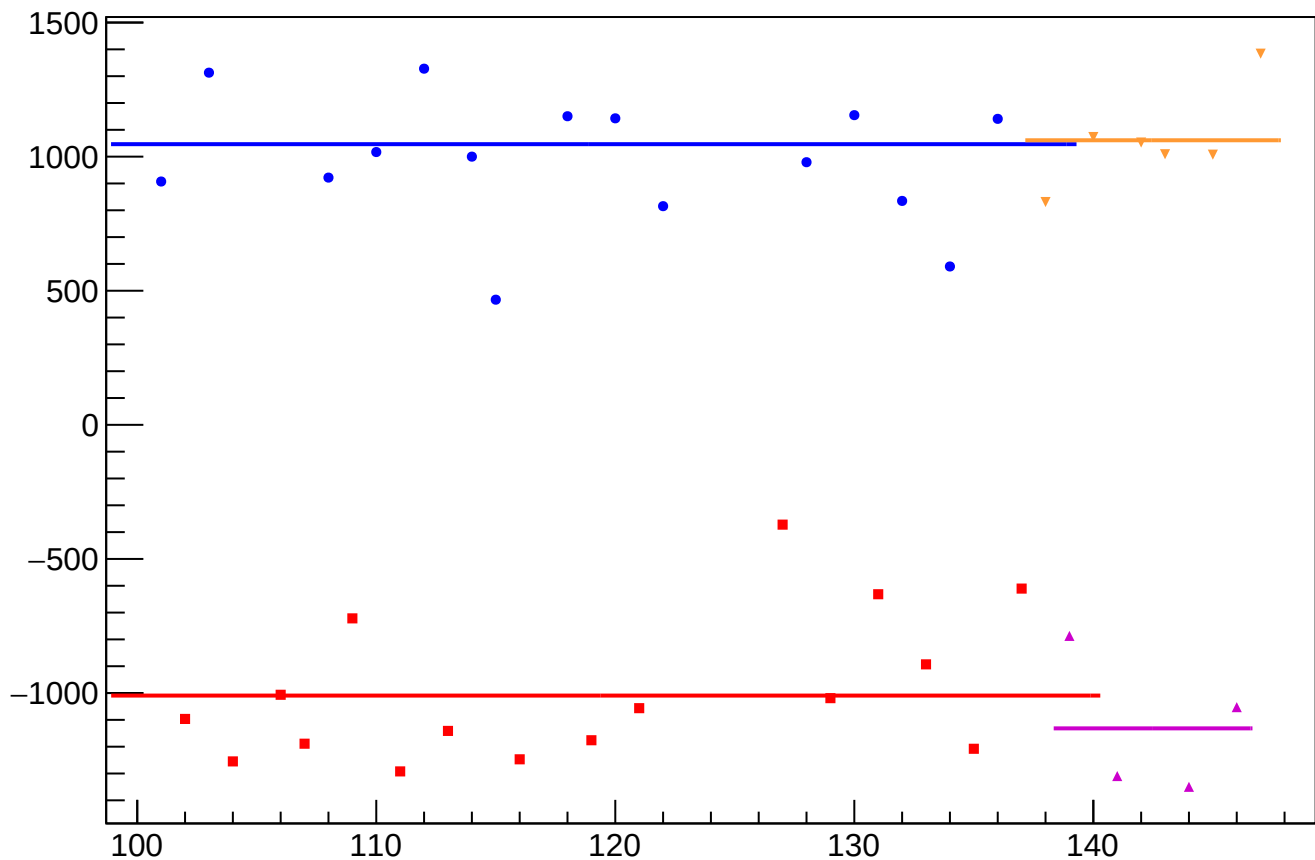
Left: -0.242 ± 0.000 $\chi^2/\text{NDF}: 18606724028397955$
 Right In: 3.181 ± 0.000 $\chi^2/\text{NDF}: 5833303227868252617704566394191872.0/14$
 Left Out: 3.450 ± 0.000 $\chi^2/\text{NDF}: 987530546182793287293333531525120.0/5$
 Right Out: -3.032 ± 0.000 $\chi^2/\text{NDF}: 4937209831371793945496546833334272.0/15$
 Left In: -4.960 ± 0.000 $\chi^2/\text{NDF}: 4208675130544382166967109900304384.0/3$
 All: -0.069 ± 0.000 $\chi^2/\text{NDF}: 4211091573691$

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



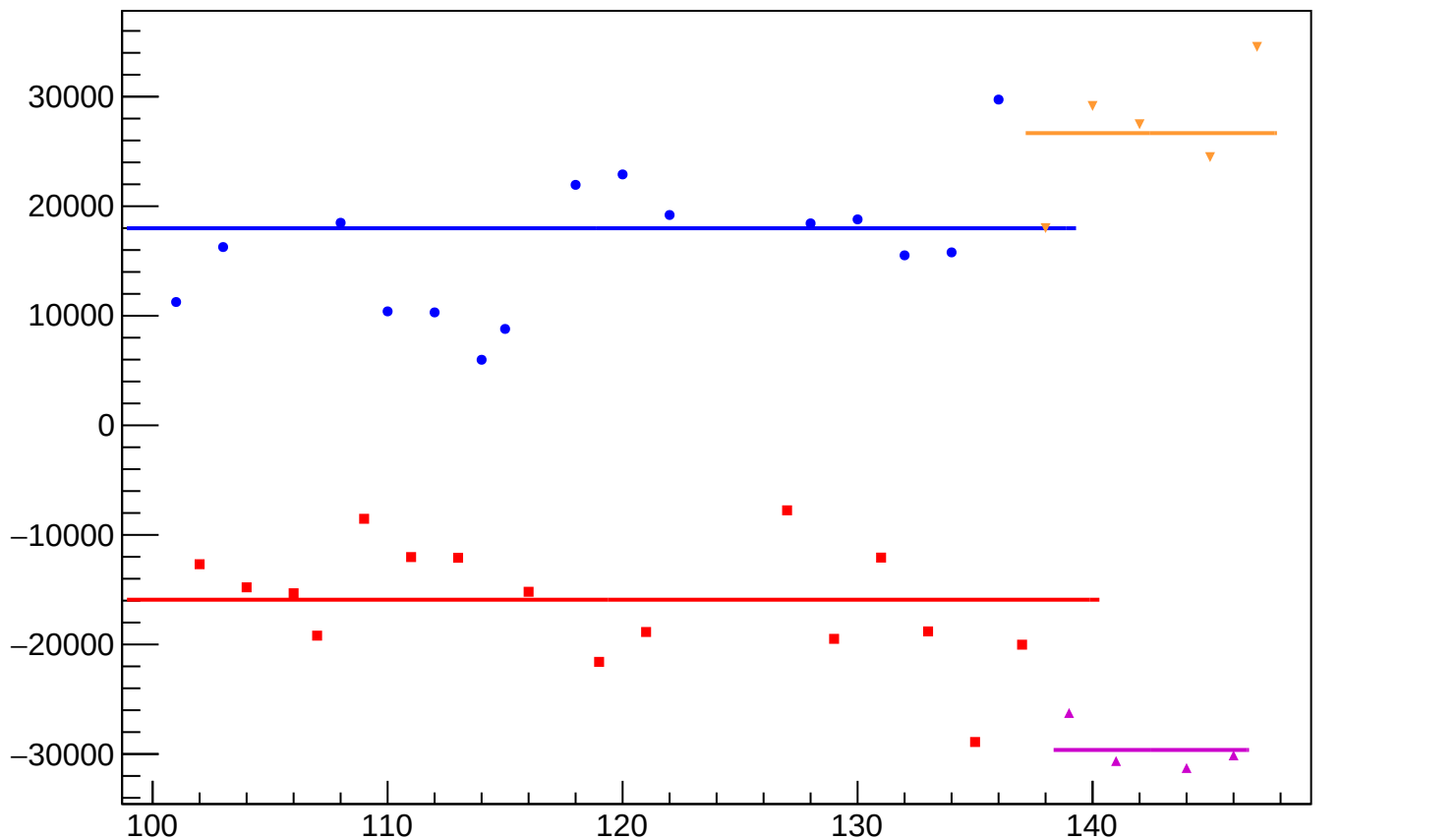
Right In: 1.607 +/- 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 1.943 +/- 0.000 χ^2/NDF : 53510894691210406927995418705920.0/5
 Right Out: -1.383 +/- 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -2.236 +/- 0.000 χ^2/NDF : 15290578882671212378527132286976.0/3
 All: 0.098 +/- 0.000 χ^2/NDF : 71400602279504

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



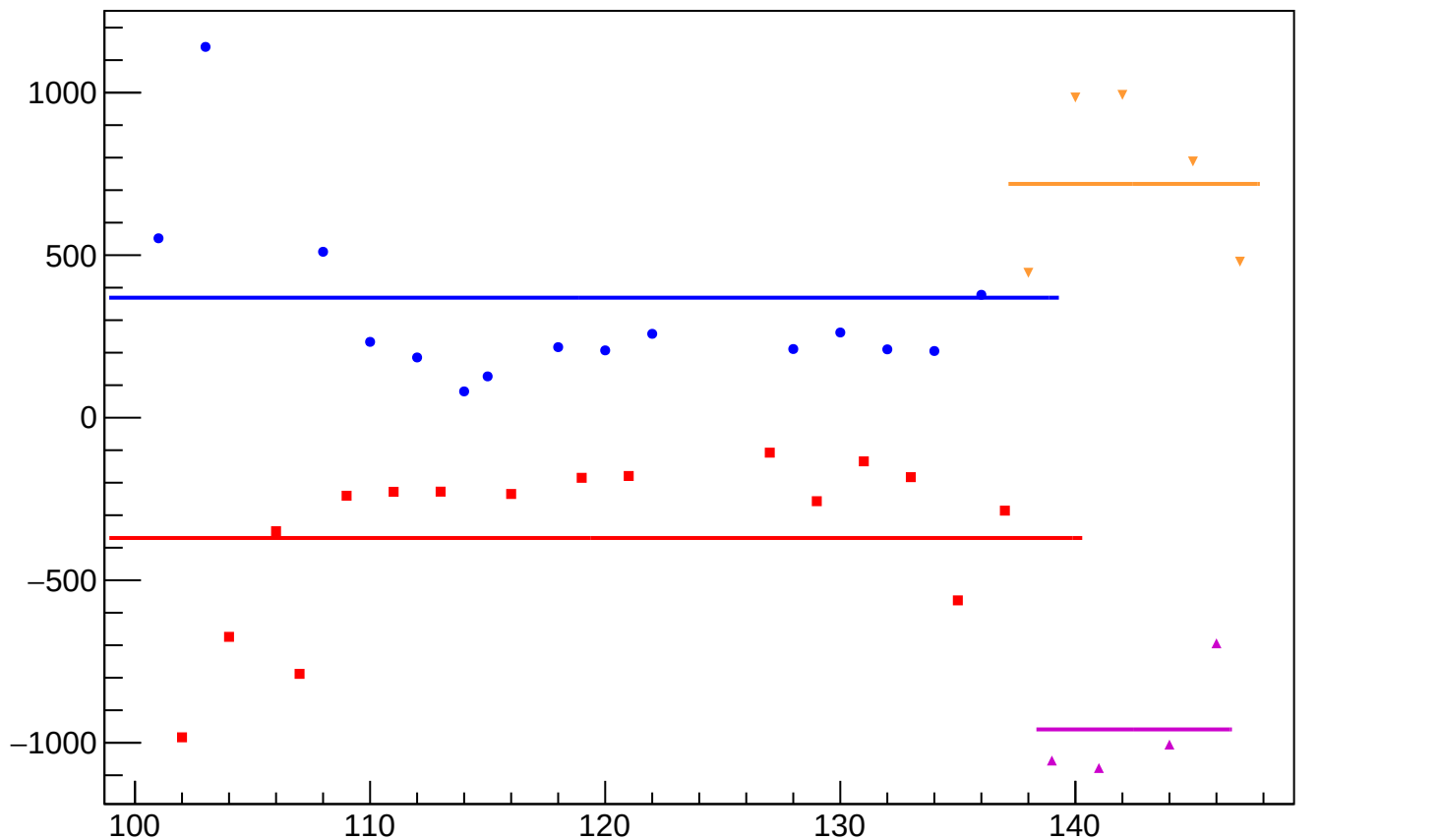
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_usl_coil1_mean vs Slug, Sign Corrected



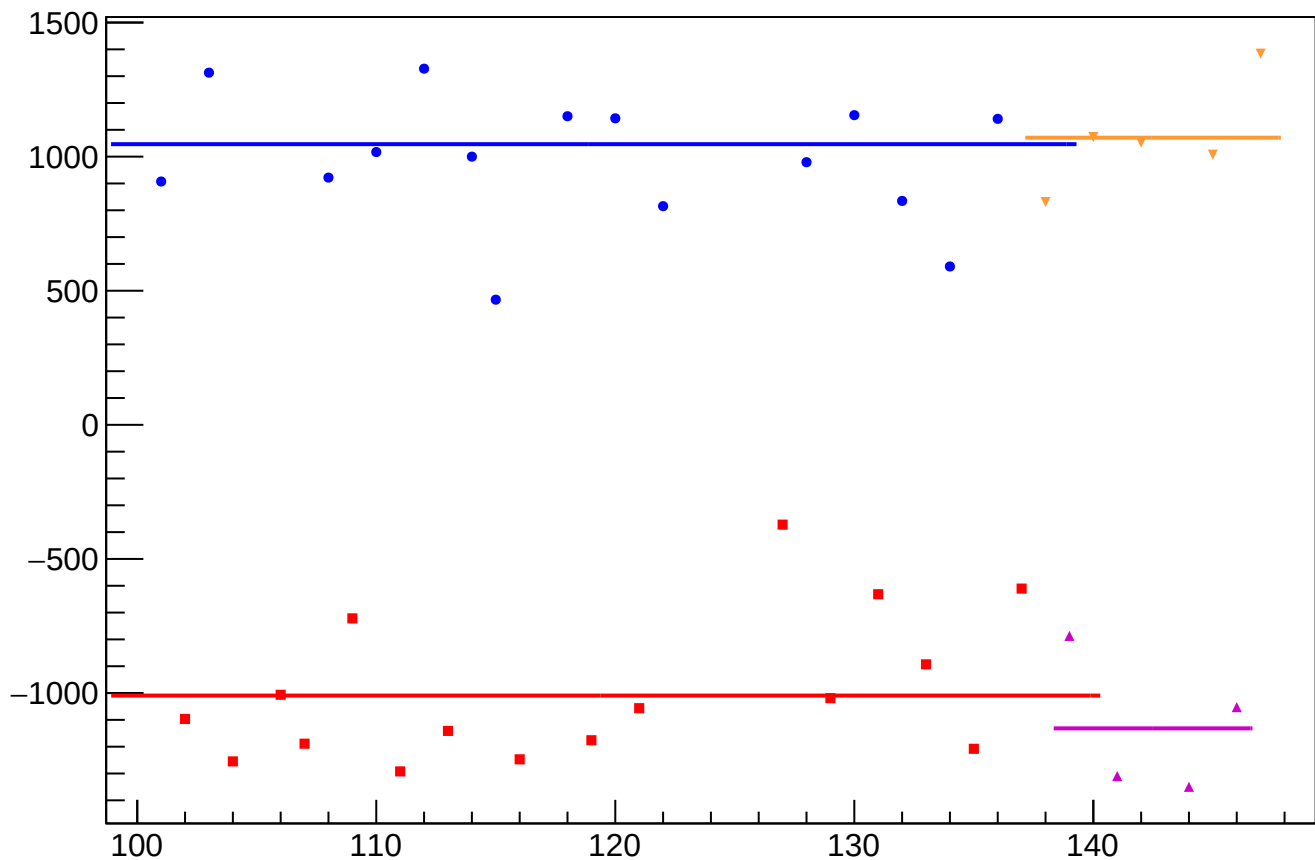
Left: -397.097 ± 0.000 $\chi^2/\text{NDF}: 569138332640100$
 Right In: 17988.185 ± 0.000 $\chi^2/\text{NDF}: 24815111809984217103544001237552952508416.0/14$
 Right: 804.617 ± 0.000 $\chi^2/\text{NDF}: 422864756621879$
 Left Out: 26671.674 ± 0.000 $\chi^2/\text{NDF}: 11618299885899045501495020485127327186944.0/4$
 Right Out: -15915.227 ± 0.000 $\chi^2/\text{NDF}: 19954189674705952707042287416087223992320.0/15$
 In: 1681.876 ± 0.000 $\chi^2/\text{NDF}: 5300010581254270$
 Out: -852.999 ± 0.000 $\chi^2/\text{NDF}: 459422049107206$
 Left In: -29628.168 ± 0.000 $\chi^2/\text{NDF}: 1271869344433127476043798596021318057984.0/3$
 All: 386.189 ± 0.000 $\chi^2/\text{NDF}: 992664813608$

dit_usl_coil1_err_mean vs Slug, Sign Corrected



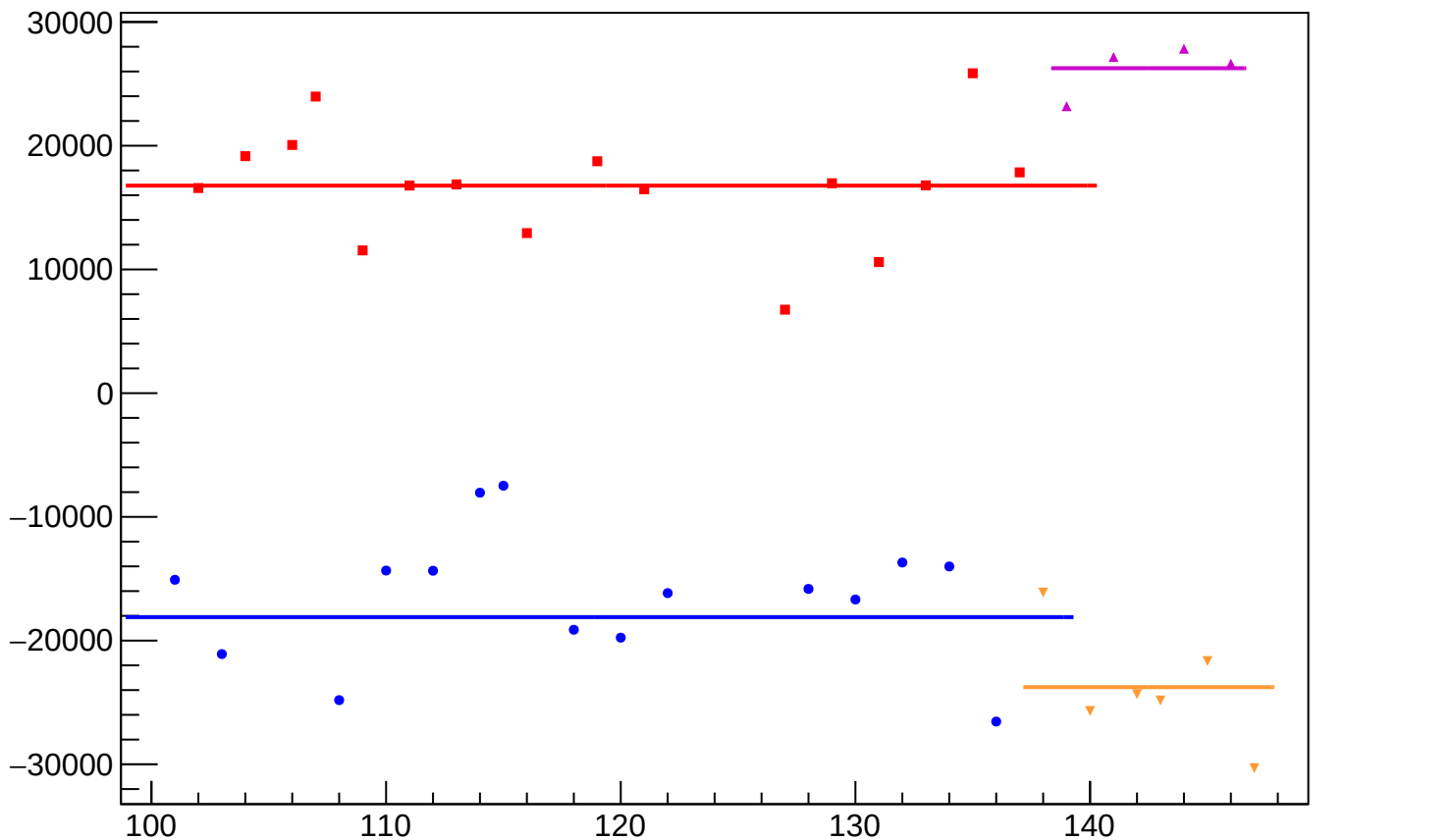
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 719.227+/-0.000 χ^2/NDF : 19921649457427192366551477252953997312.0/4
 Right Out: -370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: -958.963+/-0.000 χ^2/NDF : 7957146133138041961343924763937996800.0/3
 All: -34.112+/-0.000 χ^2/NDF : 801241375848

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



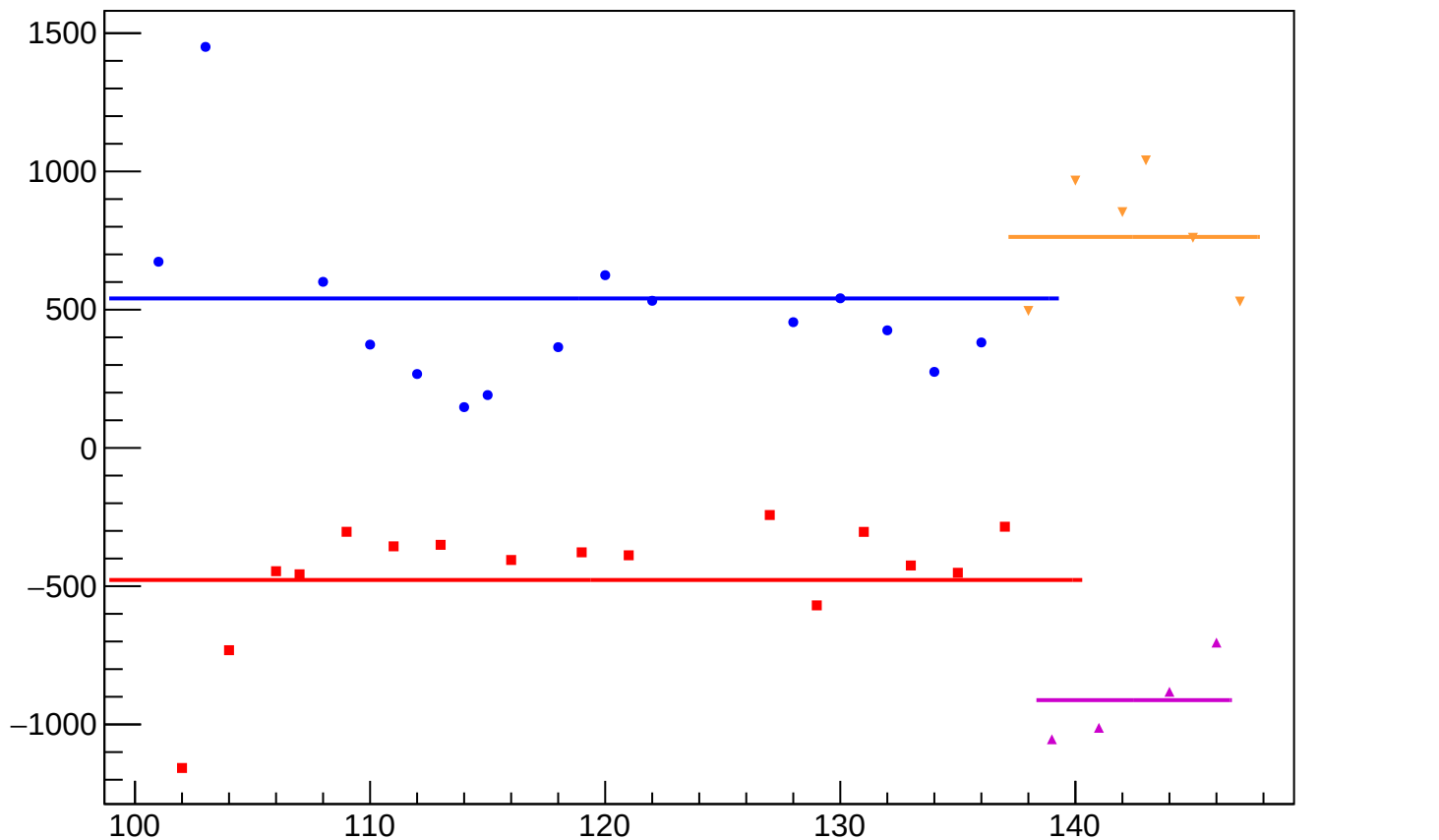
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1070.586+/-0.000 χ^2/NDF : 12482792677231906528968055568319119360.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 6.991+/-0.000 χ^2/NDF : 23405768952138

dit_usr_coil1_mean vs Slug, Sign Corrected



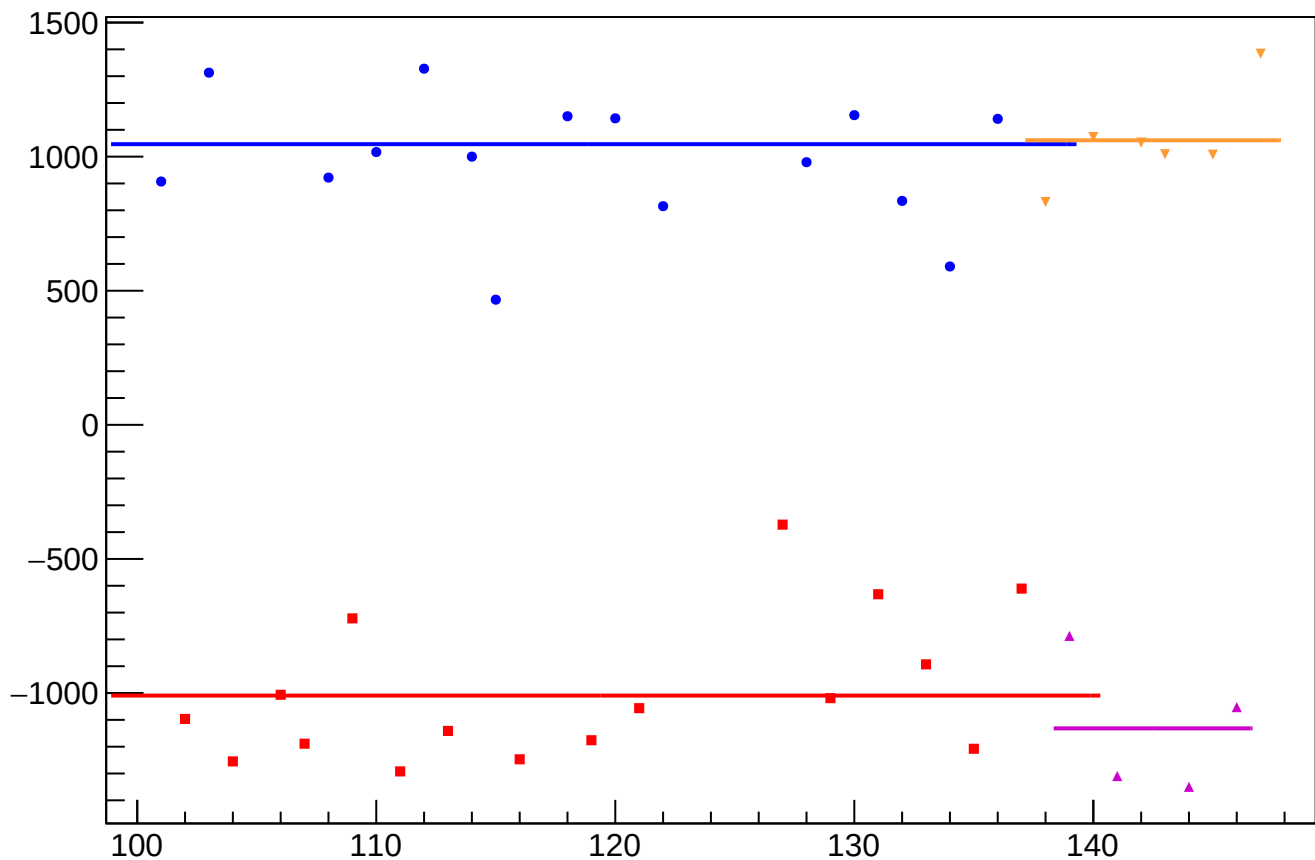
Right In: -18100.637 ± 0.000 $\chi^2/\text{NDF}: 14634967546173586967632040765428699496448.0/14$
 Left Out: -23762.921 ± 0.000 $\chi^2/\text{NDF}: 8661783664493163821622786836737466302464.0/5$
 Right Out: 16773.604 ± 0.000 $\chi^2/\text{NDF}: 14234547931135812277474342886568366178304.0/15$
 Left In: 26262.706 ± 0.000 $\chi^2/\text{NDF}: 1066692641630792294967960553036516950016.0/3$
 All: -933.896 ± 0.000 $\chi^2/\text{NDF}: 91414436338$

dit_usr_coil1_err_mean vs Slug, Sign Corrected



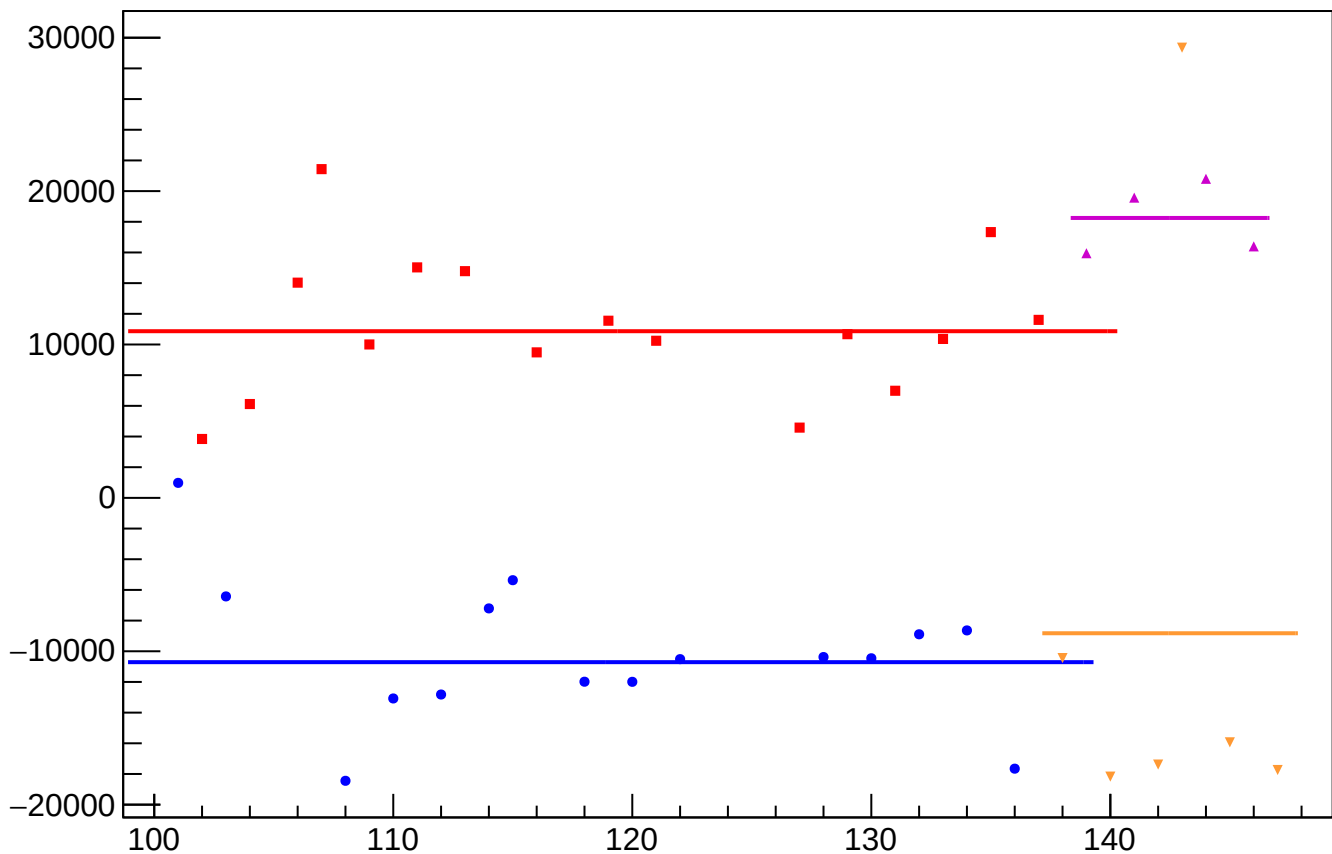
Right In: 540.663 $\pm$ 0.000 χ^2 /NDF: 64546819695986774721678785082975846400.0/14
 Left Out: 763.160 $\pm$ 0.000 χ^2 /NDF: 18754654518008656630166656454699778048.0/5
 Right Out: -477.546 $\pm$ 0.000 χ^2 /NDF: 38798306504296954461537116809760604160.0/15
 Left In: -912.096 $\pm$ 0.000 χ^2 /NDF: 614916406180697301033762922249431040.0/3
 All: 25.773 $\pm$ 0.000 χ^2 /NDF: 1001477342449

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000

χ^2/NDF : 16945226152053511840482618402250170564608.0/14

Left Out: -8825.556+/-0.000

χ^2/NDF : 118686502035362317874010884208070720749568.0/5

Right Out: 10866.264+/-0.000

χ^2/NDF : 14234762838858382484525901644131626647552.0/15

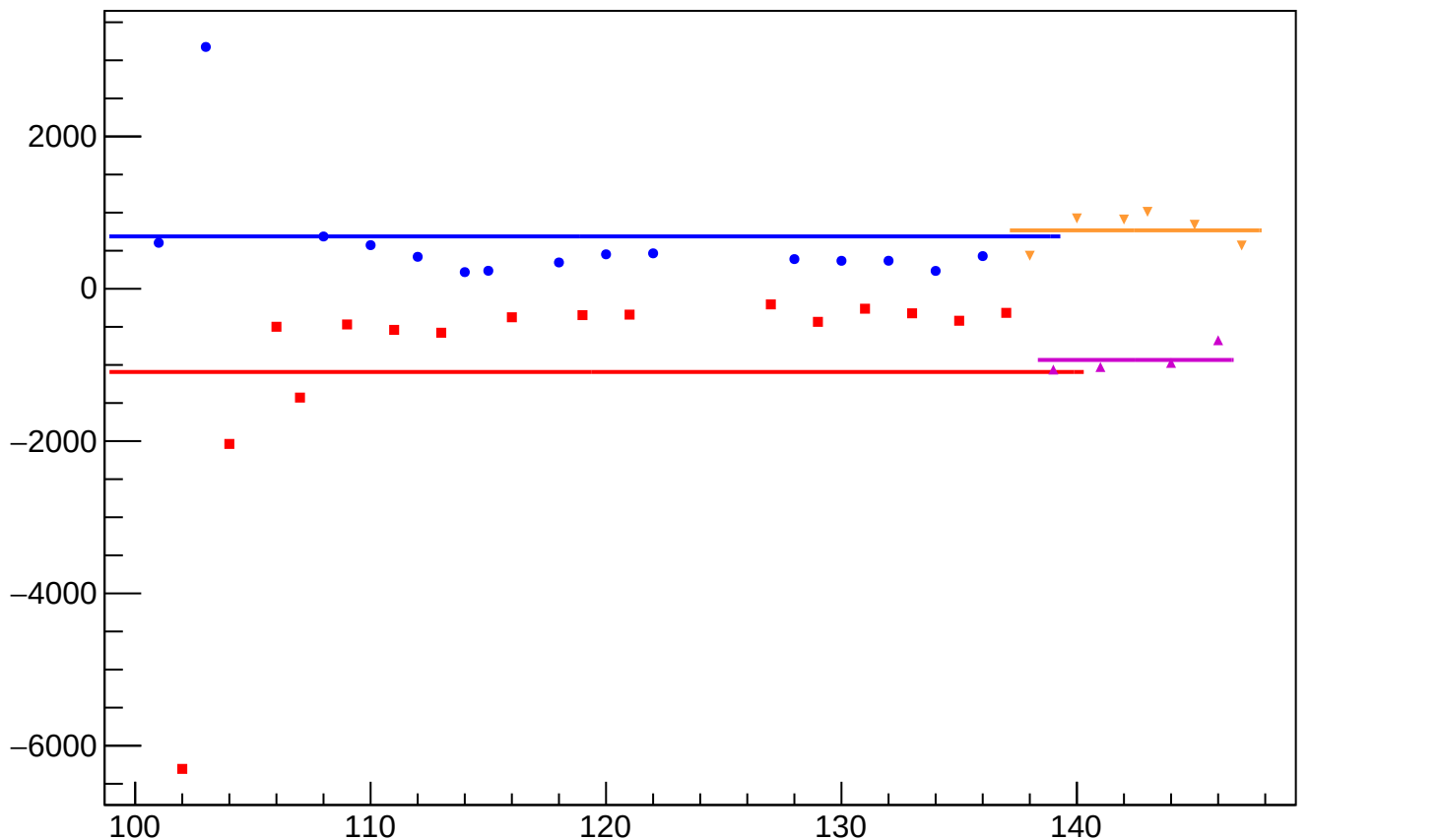
Left In: 18249.752+/-0.000

χ^2/NDF : 1442700136753677197930324011346722553856.0/3

All: 1271.618+/-0.000

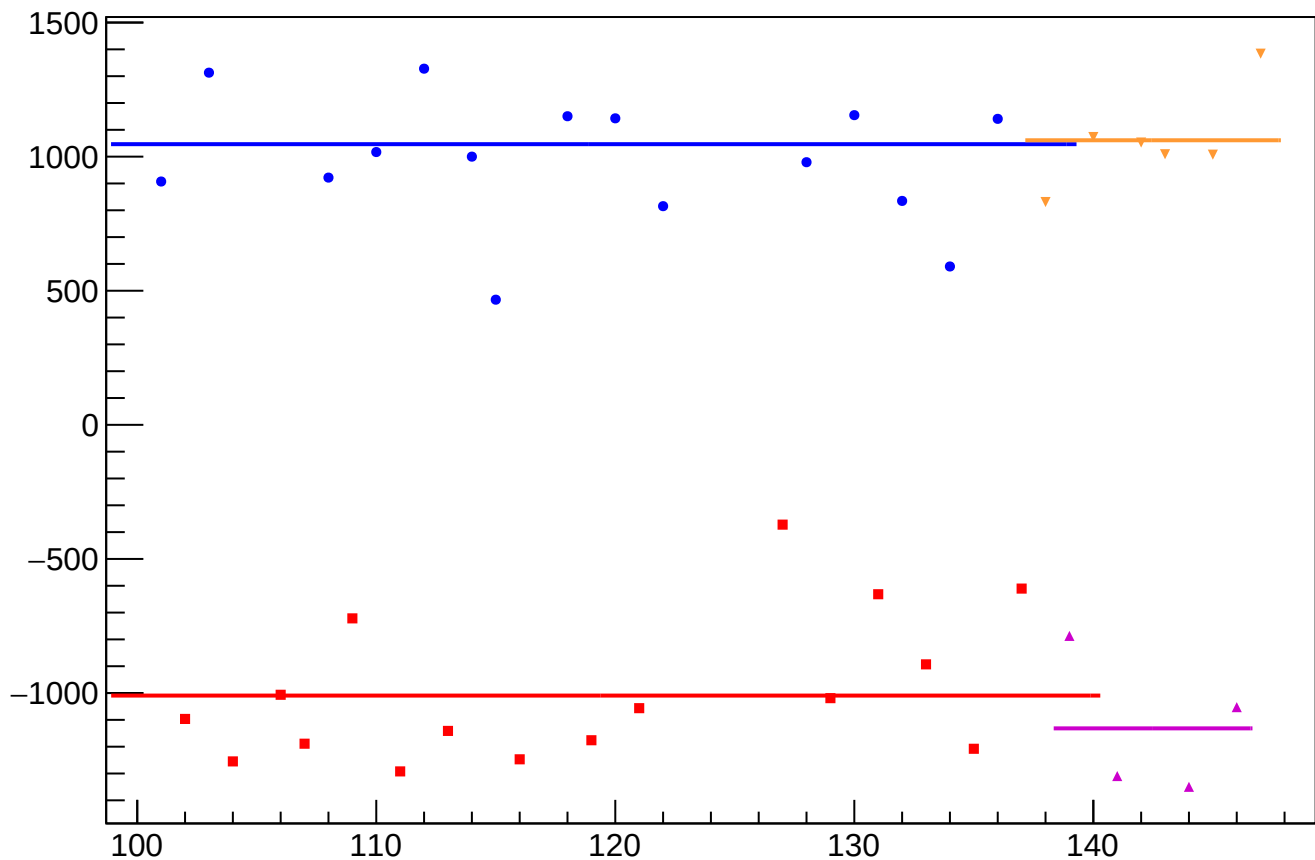
χ^2/NDF : 4473603534

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



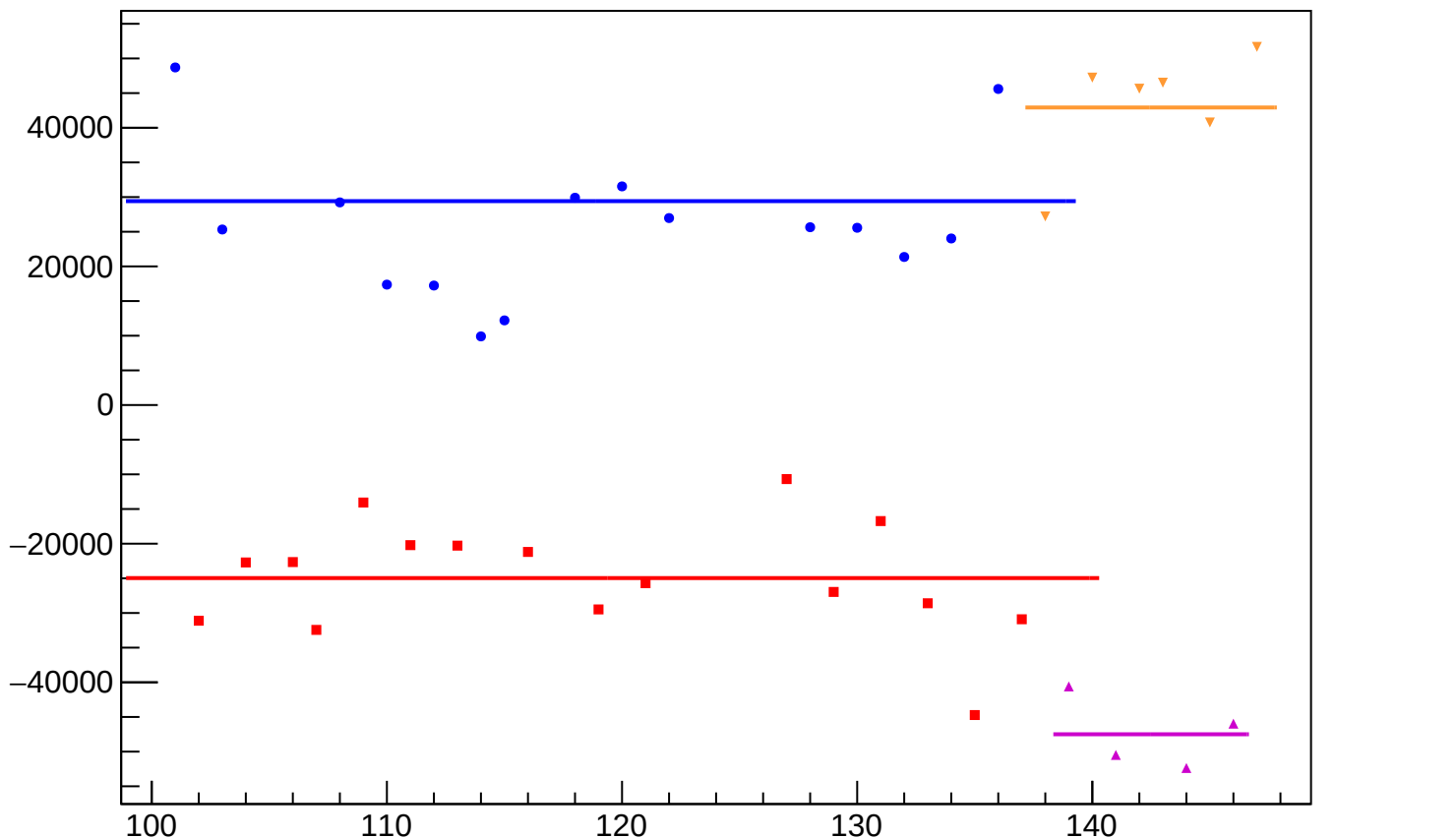
Left: 20.409 +/- 0.000 χ^2/NDF : 57608672619874759
 Right: -214.338 +/- 0.000 χ^2/NDF : 33349422342847
 In: 132.358 +/- 0.000 χ^2/NDF : 1002000843974014
 Out: -361.229 +/- 0.000 χ^2/NDF : 280911145333781
 All: -127.686 +/- 0.000 χ^2/NDF : 39377979623

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



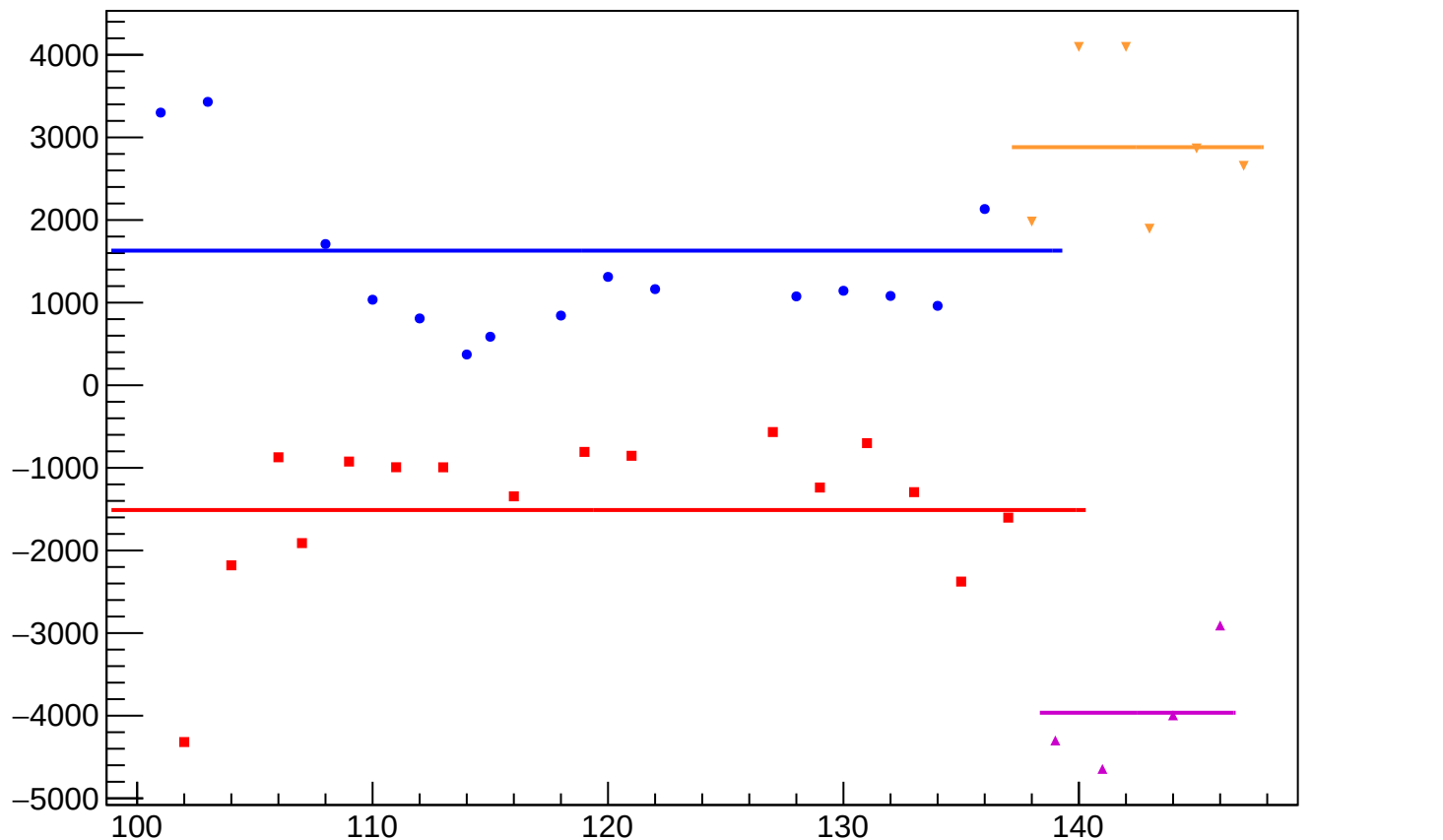
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_atl2_coil1_mean vs Slug, Sign Corrected



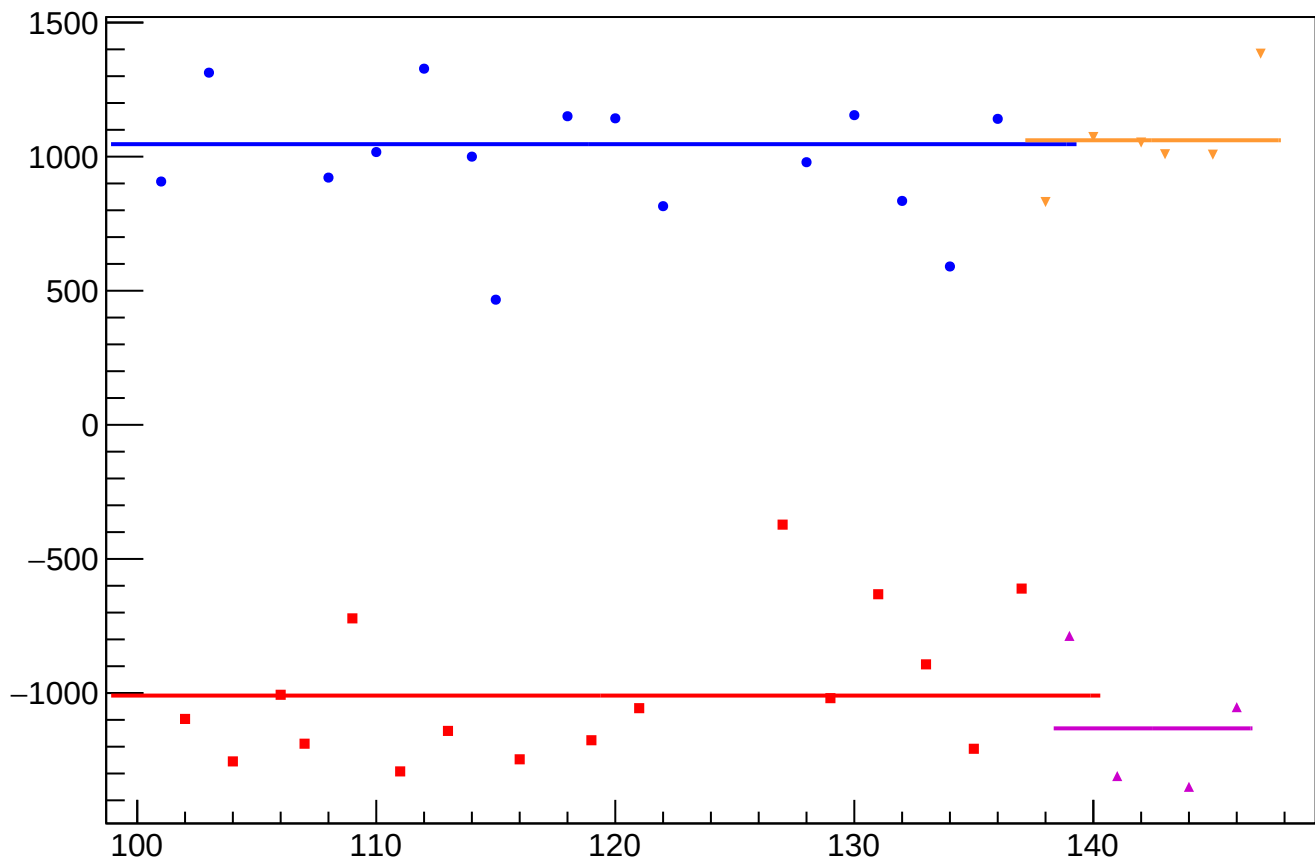
Right In: 29415.830+/-0.000 χ^2/NDF : 71764989638928082906774979753894809174016.0/14
 Left Out: 42924.070+/-0.000 χ^2/NDF : 28328067627383861635320678834567198539776.0/5
 Right Out: -24963.010+/-0.000 χ^2/NDF : 45631572920122171972835961685494315614208.0/15
 Left In: -47495.390+/-0.000 χ^2/NDF : 6914330465485670618425851874407138459648.0/3
 All: 2363.520+/-0.000 χ^2/NDF : 2676616305

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



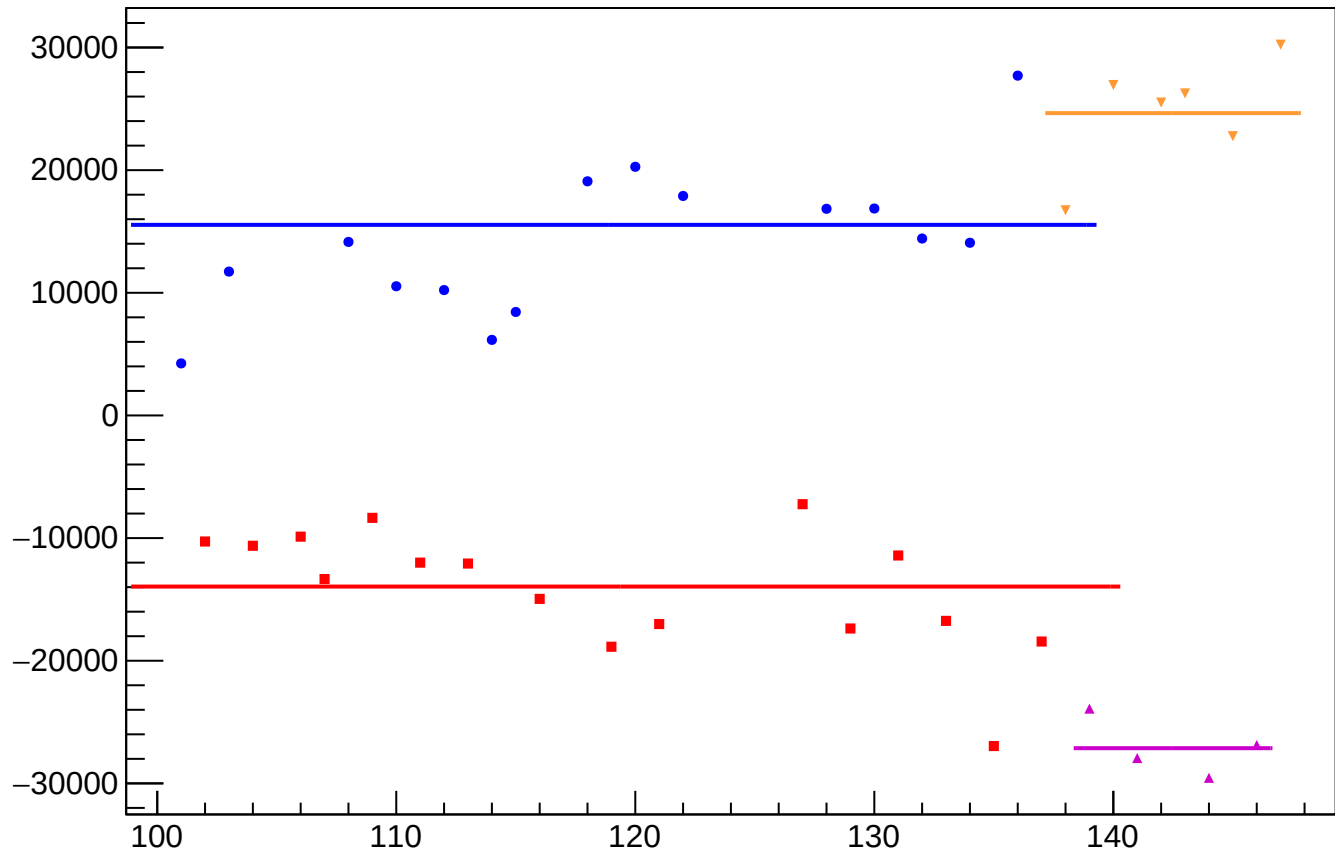
Left: -123.382 $\pm$ 0.000 χ^2/NDF : 935043326794591
 Right In: 1629.542 $\pm$ 0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Right: 38.151 $\pm$ 0.000 χ^2/NDF : 4482831303964084
 Left Out: 2881.871 $\pm$ 0.000 χ^2/NDF : 320988324856740043846202543726854668288.0/5
 In: -286.119 $\pm$ 0.000 χ^2/NDF : 7647627473752246
 Right Out: -1510.293 $\pm$ 0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15
 Out: 216.199 $\pm$ 0.000 χ^2/NDF : 6067105089832186
 Left In: -3964.415 $\pm$ 0.000 χ^2/NDF : 141124508455151657340437063207971979264.0/3
 All: -21.475 $\pm$ 0.000 χ^2/NDF : 138459398063

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 24650.228+/-0.000

χ^2/NDF : 8248514544435581113871408851481507397632.0/5

Right Out: -13951.799+/-0.000

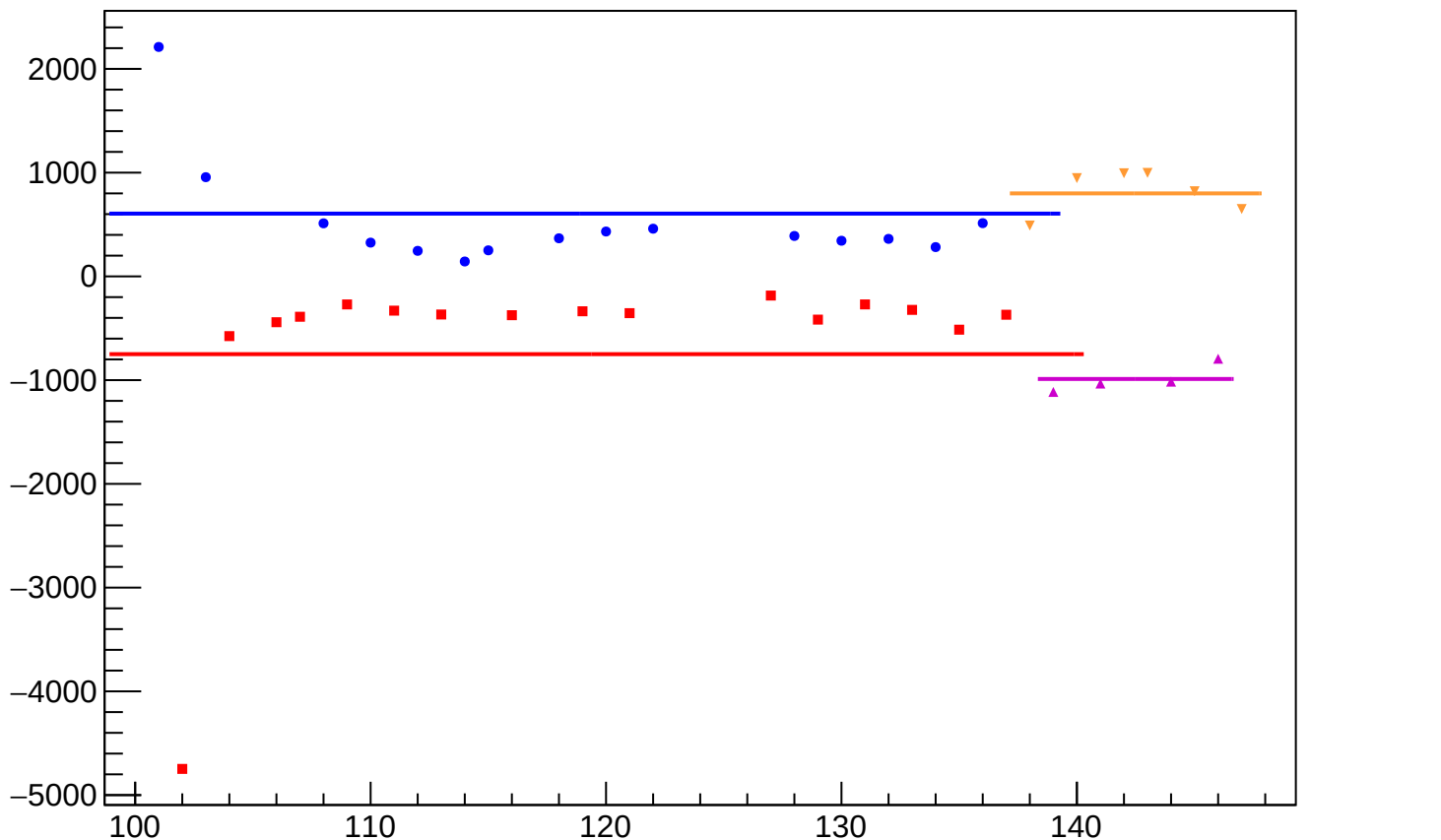
χ^2/NDF : 16954071035739584664612813430748100952064.0/15

Left In: -27129.540+/-0.000

χ^2/NDF : 1423085831249316263715504915237037932544.0/3

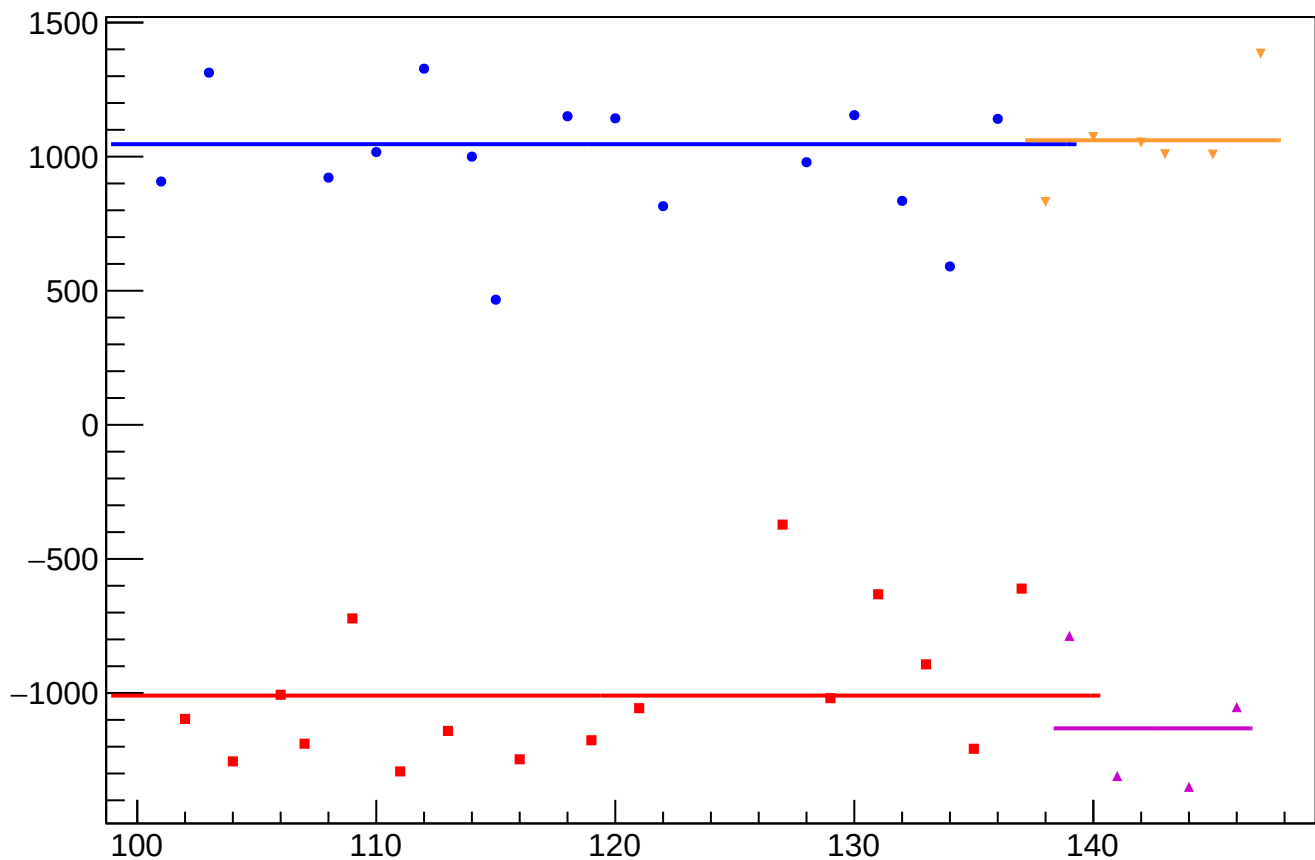
All: 1083.046+/-0.000 χ^2/NDF : 84940951853

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



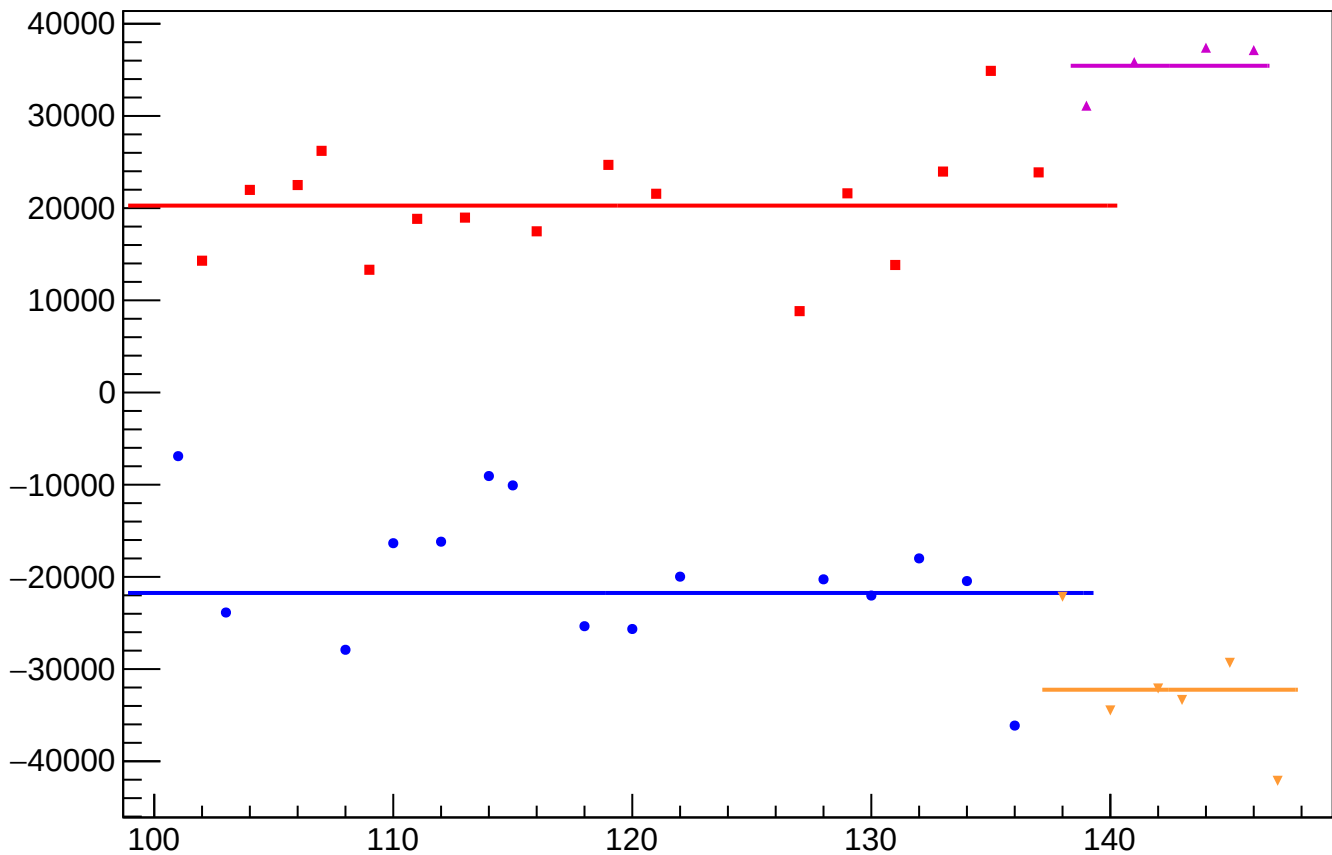
Right In: 605.034 $\pm$ 0.000 χ^2 /NDF: 189401522791607614448600157723362852864.0/14
 Left Out: 799.967 $\pm$ 0.000 χ^2 /NDF: 15415187992941935075157037676536791040.0/5
 Right Out: -749.582 $\pm$ 0.000 χ^2 /NDF: 1021358768377495935693748779804344188928.0/15
 Left In: -988.821 $\pm$ 0.000 χ^2 /NDF: 4644014206215221298494971829085536256.0/3
 All: -45.992 $\pm$ 0.000 χ^2 /NDF: 244569577180

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

Left Out: -32239.363+/-0.000

Right Out: 20275.415+/-0.000

Left In: 35443.513+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

χ^2/NDF : 16736920488783119323861317046259616317440.0/5

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

χ^2/NDF : 2113669680611722220932695447622121422848.0/3

Left: -2529.217+/-0.000 χ^2/NDF : 88754559051440

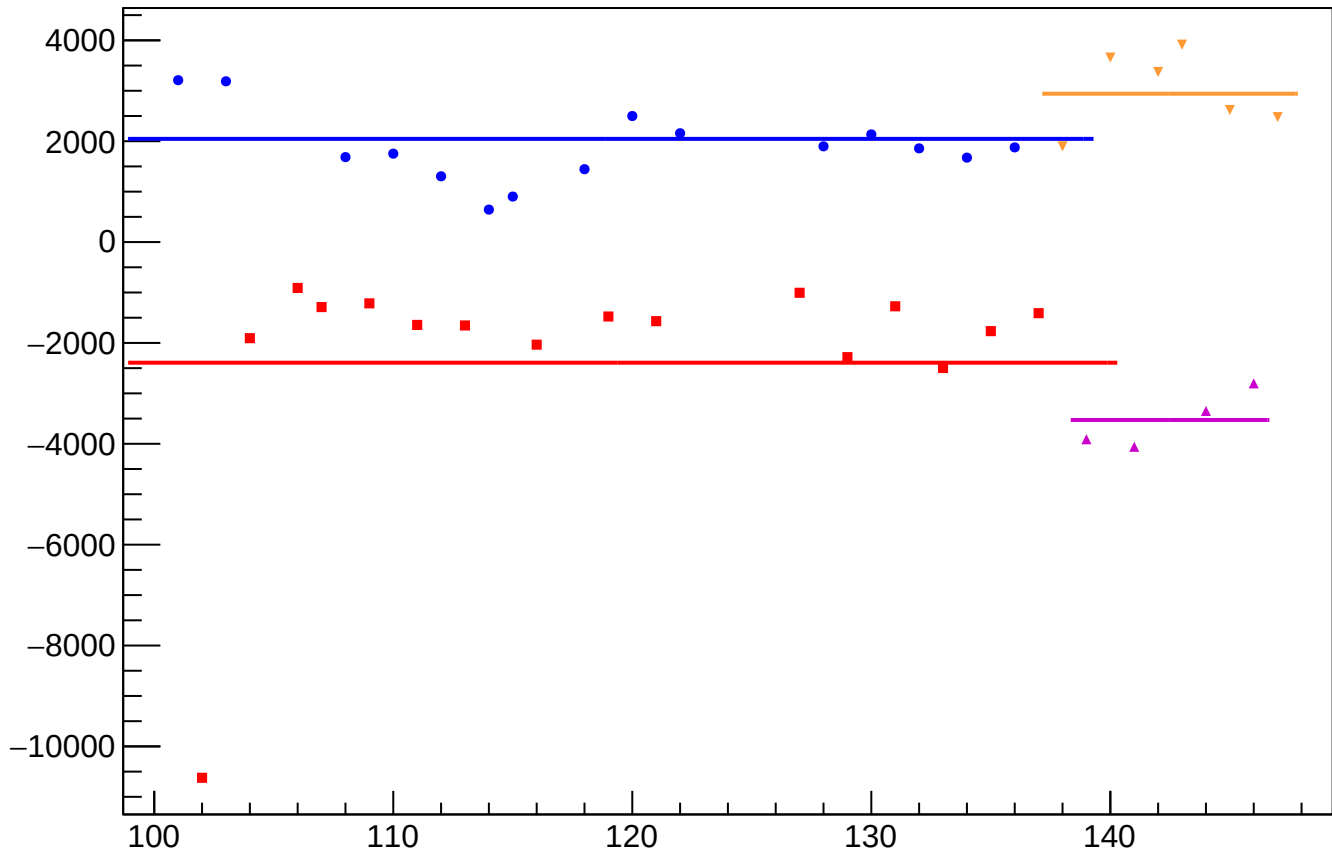
Right: -446.610+/-0.000 χ^2/NDF : 64780902874572

In: -2159.608+/-0.000 χ^2/NDF : 770057379083588

Out: -367.337+/-0.000 χ^2/NDF : 765733802747037

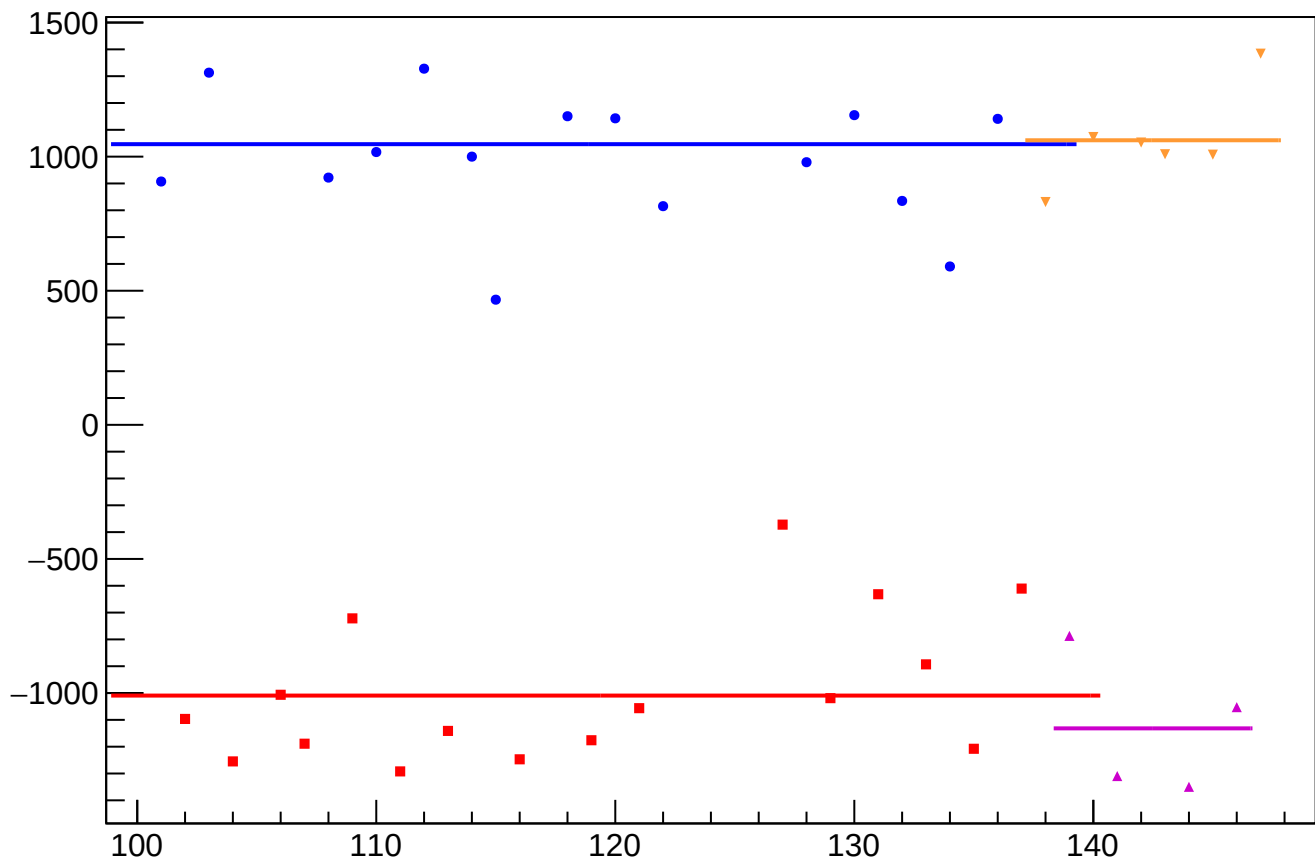
All: -1215.358+/-0.000 χ^2/NDF : 1537461534

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



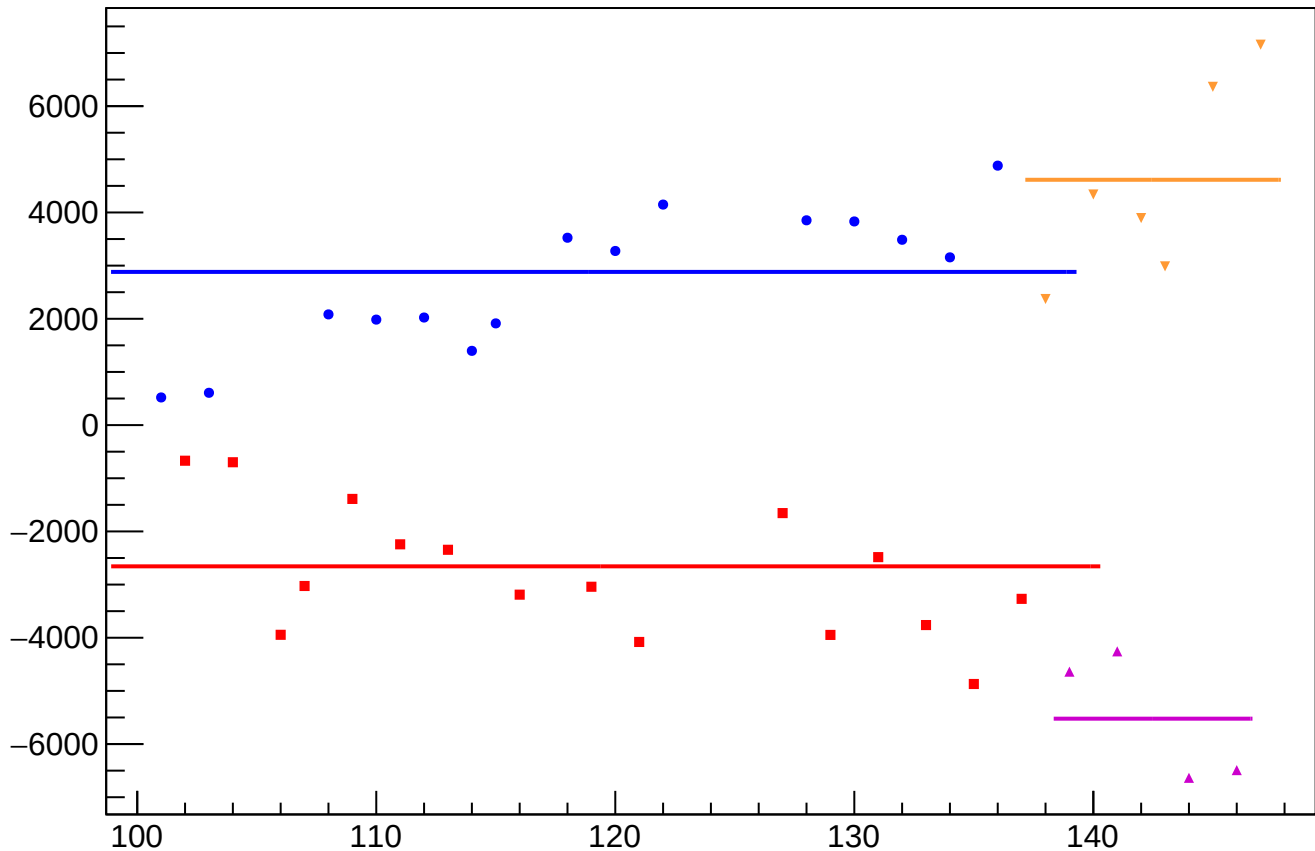
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 2941.523+/-0.000 χ^2/NDF : 224116630286400031765610406896407150592.0/5
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3527.500+/-0.000 χ^2/NDF : 82402739985256157080263541382652624896.0/3
 All: -90.555+/-0.000 χ^2/NDF : 194488750540

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000

χ^2/NDF : 1320319391496525533692082365878834823168.0/14

Left Out: 4614.908+/-0.000

χ^2/NDF : 1351820258530882655142066343135909249024.0/5

Right Out: -2656.918+/-0.000

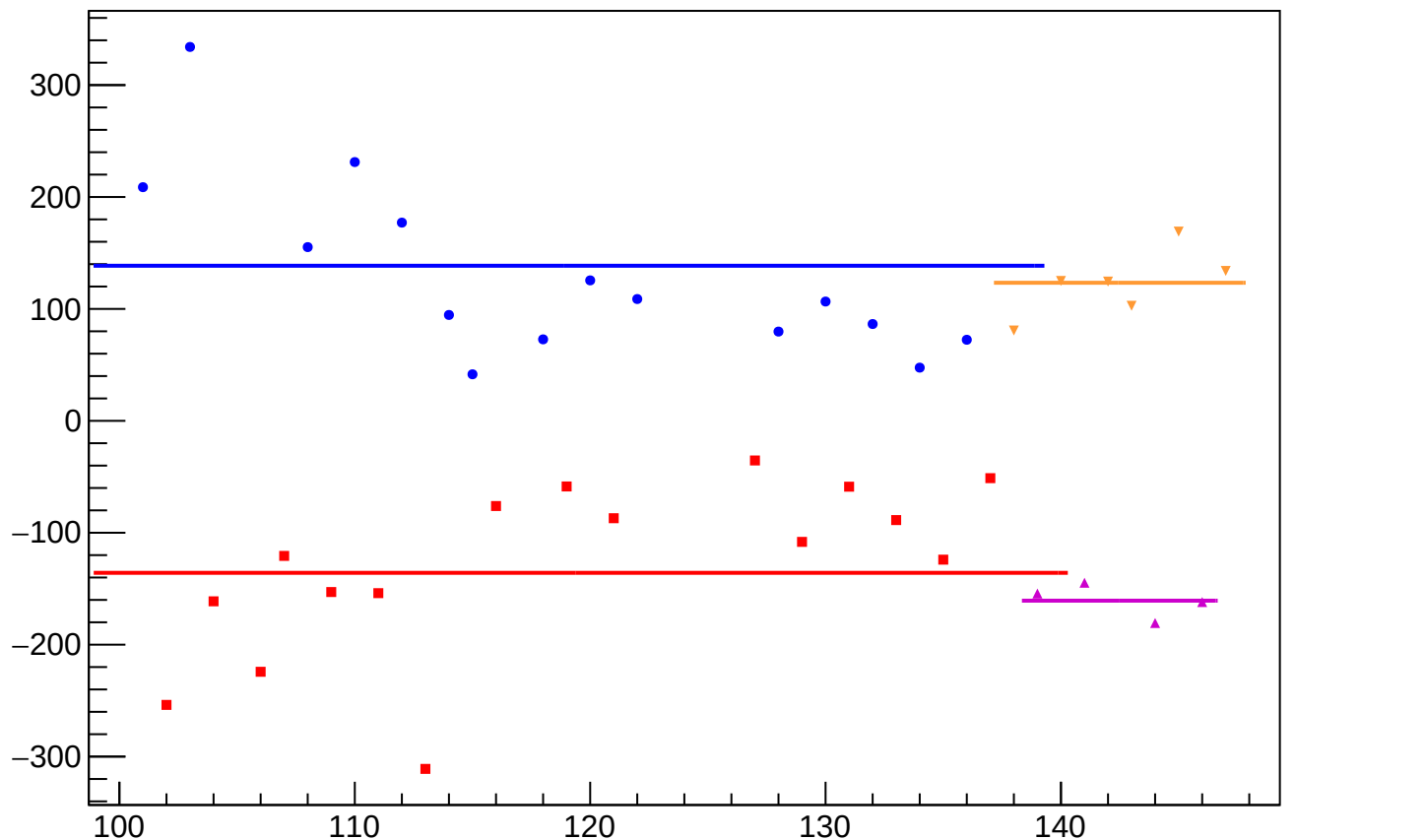
χ^2/NDF : 1077696846216053561130716877125509447680.0/15

Left In: -5522.495+/-0.000

χ^2/NDF : 387512841601513638627572691573466464256.0/3

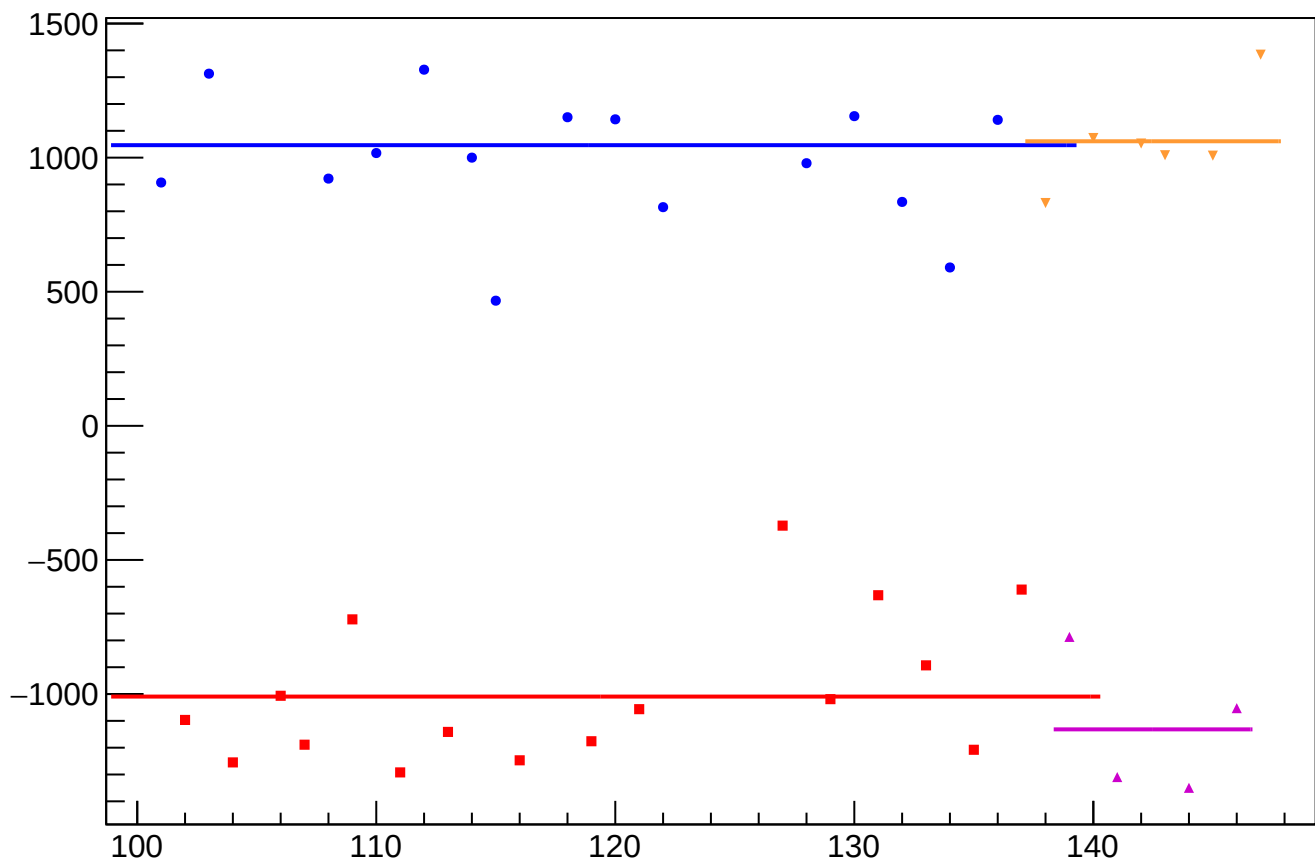
All: 107.981+/-0.000 χ^2/NDF : 33720598224

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



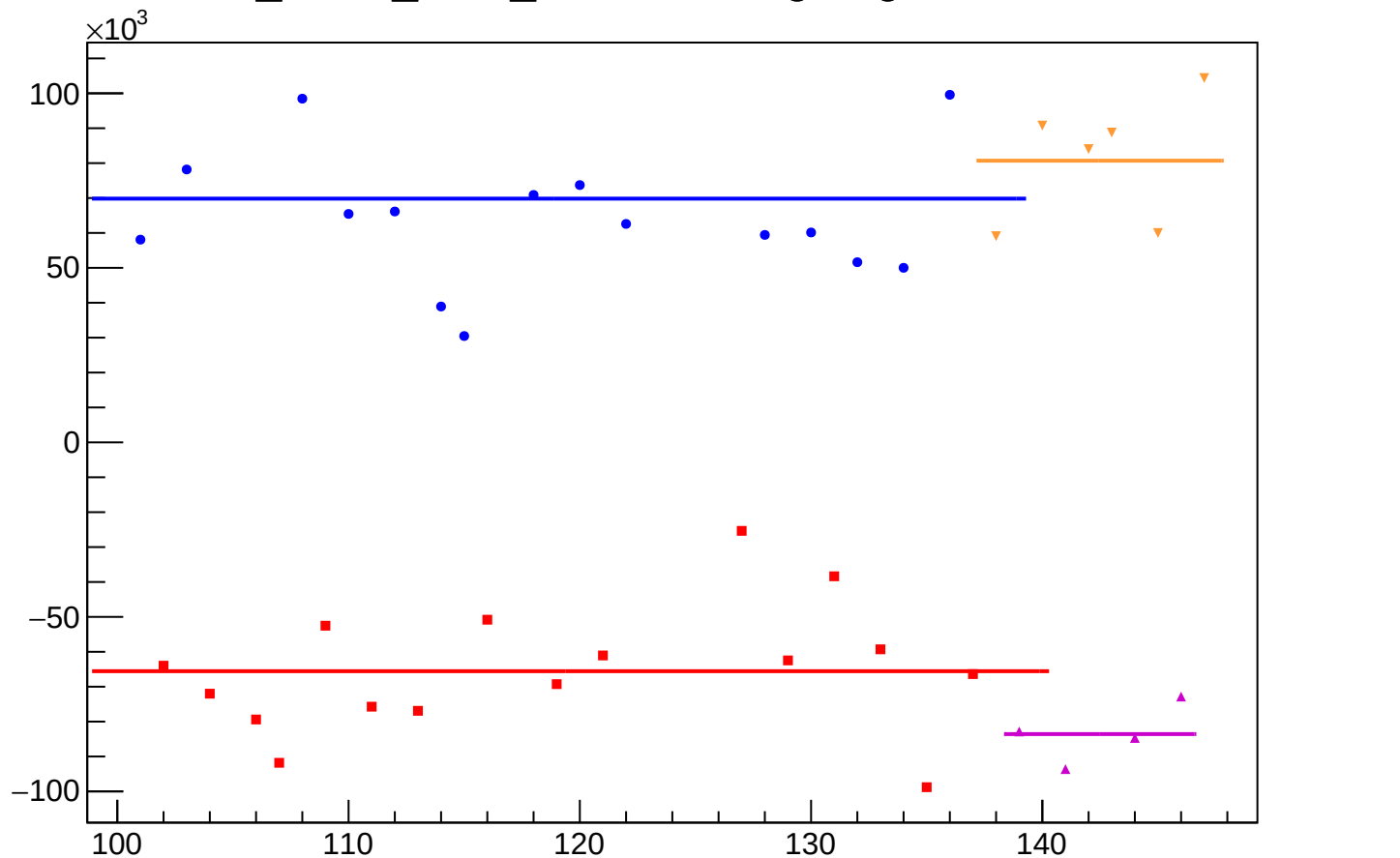
Left: -1.314 ± 0.000 $\chi^2/\text{NDF}: 15709479267108872$
 Right In: 138.577 ± 0.000 $\chi^2/\text{NDF}: 4242369889979811373883774021335515136.0/14$
 Right: -0.492 ± 0.000 $\chi^2/\text{NDF}: 3296375379571767$
 Left Out: 123.373 ± 0.000 $\chi^2/\text{NDF}: 348533859628587707485785705846669312.0/5$
 In: 36.097 ± 0.000 $\chi^2/\text{NDF}: 242063295714474943$
 Right Out: -135.809 ± 0.000 $\chi^2/\text{NDF}: 3956401741862524263243160868173643776.0/15$
 Out: -33.928 ± 0.000 $\chi^2/\text{NDF}: 2191739653187279$
 Left In: -160.677 ± 0.000 $\chi^2/\text{NDF}: 60687719478605889661818883482320896.0/3$
 All: -0.796 ± 0.000 $\chi^2/\text{NDF}: 4867356103127$

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797 $\pm$ 0.000

χ^2/NDF : 187803282116493131197684060541288926150656.0/14

Left Out: 80700.164 $\pm$ 0.000

χ^2/NDF : 128109796906825559021165592559668990836736.0/5

Right Out: -65555.147 $\pm$ 0.000

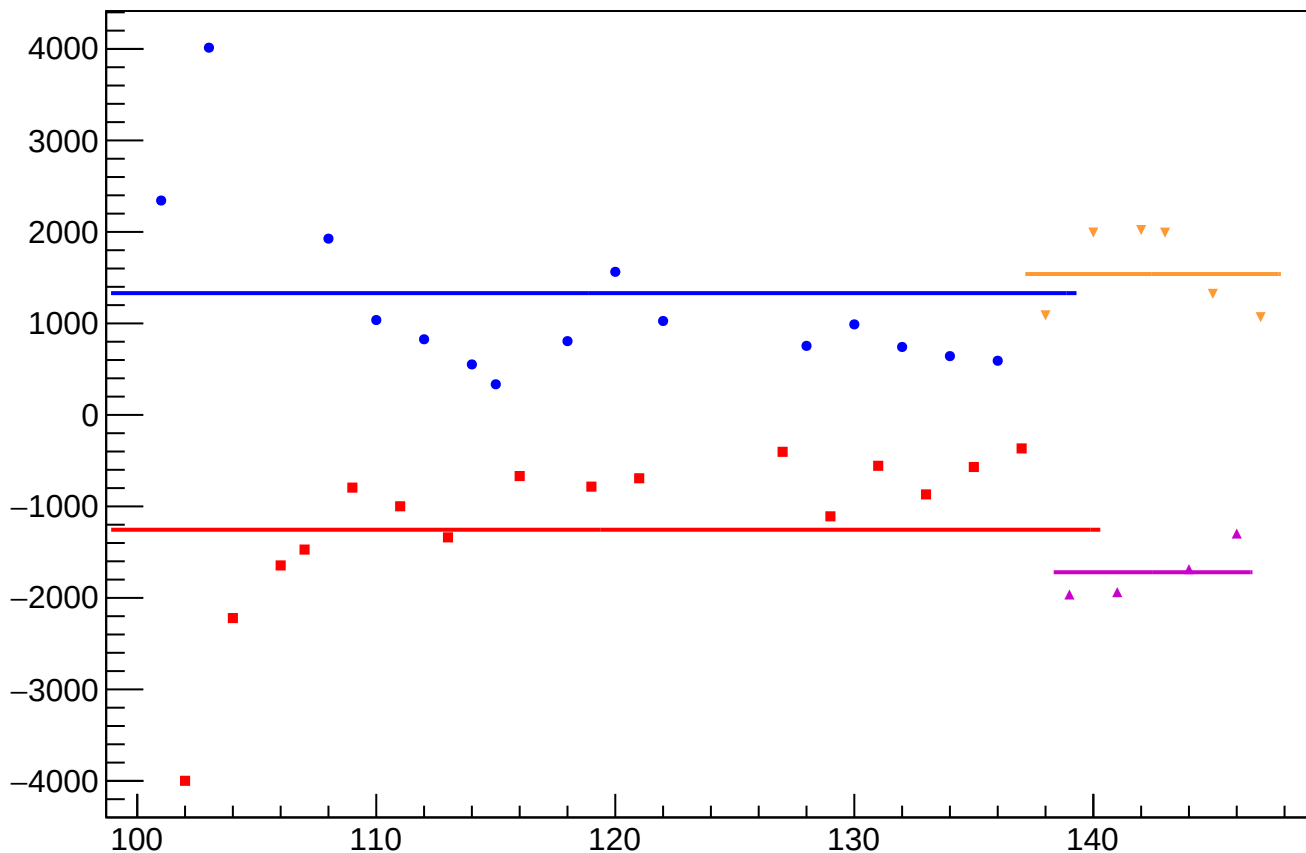
χ^2/NDF : 212001467811386750910625783195999741673472.0/15

Left In: -83572.882 $\pm$ 0.000

χ^2/NDF : 18283092012103954069810965464586246946816.0/3

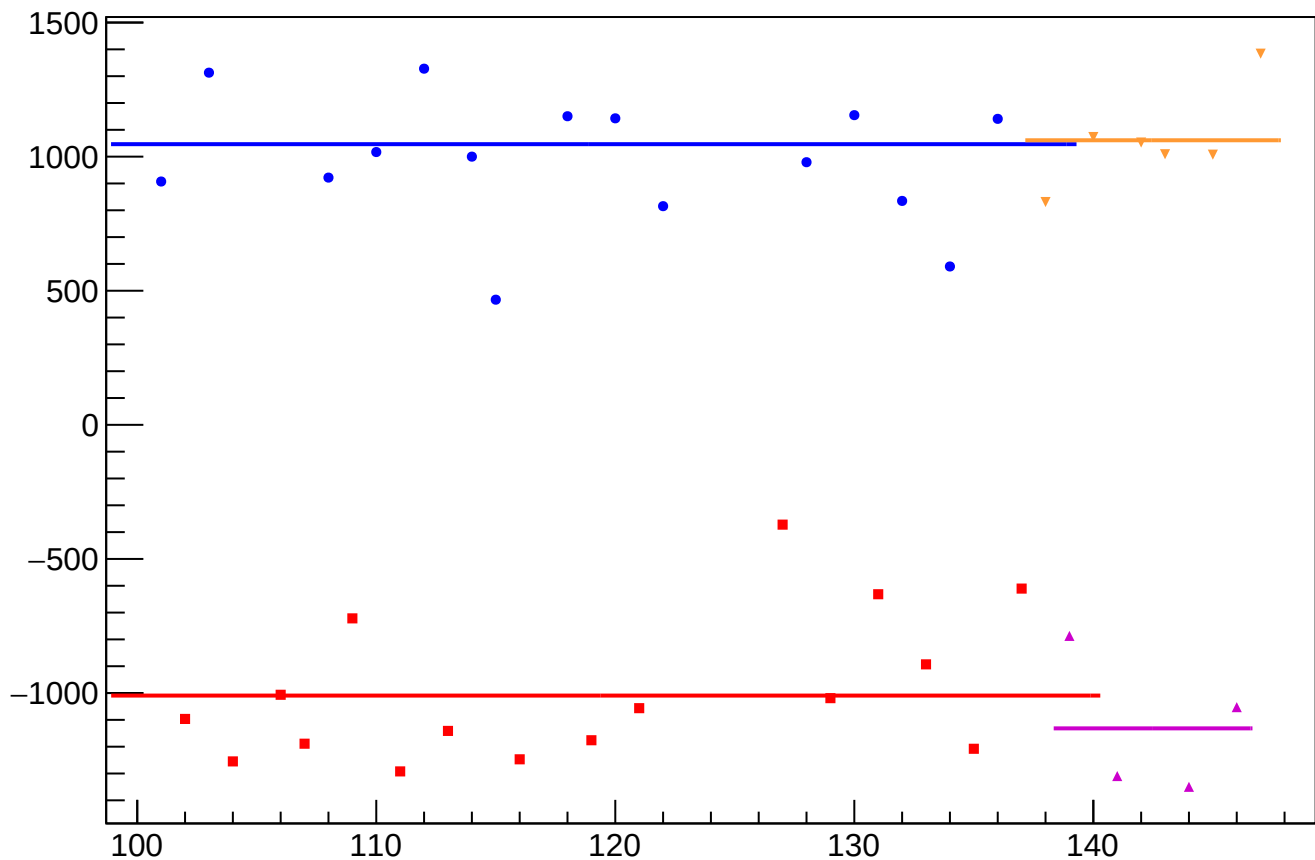
All: 3934.705 $\pm$ 0.000 χ^2/NDF : 11718936023

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



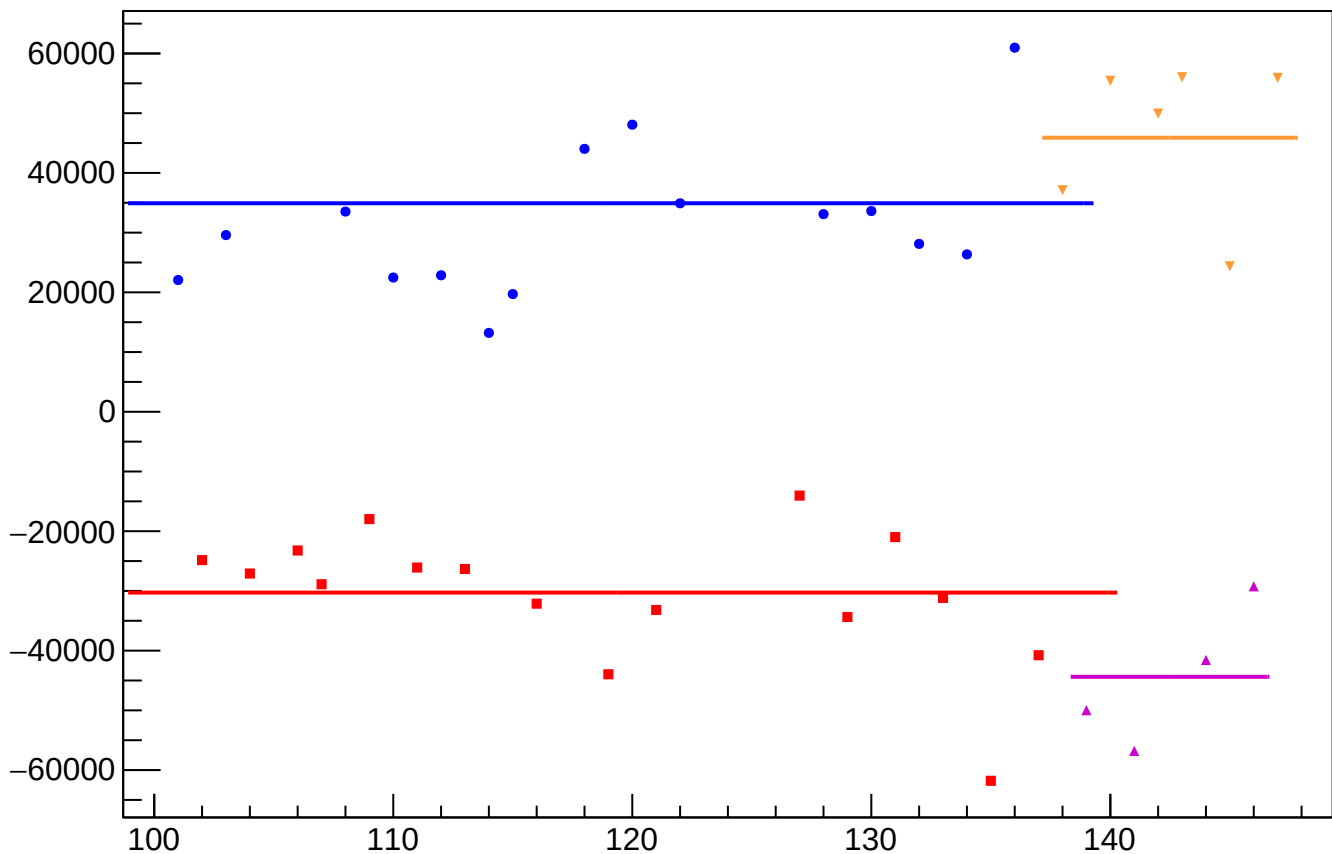
Right In: 1330.956 $\pm$ 0.000 χ^2 /NDF: 649481263842681659449409147059572834304.0/14
 Left Out: 1539.677 $\pm$ 0.000 χ^2 /NDF: 78205149202867637734075069682656739328.0/5
 Right Out: -1254.871 $\pm$ 0.000 χ^2 /NDF: 632140068983304062809817716800861765632.0/15
 Left In: -1719.564 $\pm$ 0.000 χ^2 /NDF: 23756312236645875999446825356434079744.0/3
 All: 53.077 $\pm$ 0.000 χ^2 /NDF: 5601232470882

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000

χ^2/NDF : 106387385440718622155122541848729997017088.0/14

Left Out: 45890.965+/-0.000

χ^2/NDF : 66482340646993203138547938144291586572288.0/5

Right Out: -30282.373+/-0.000

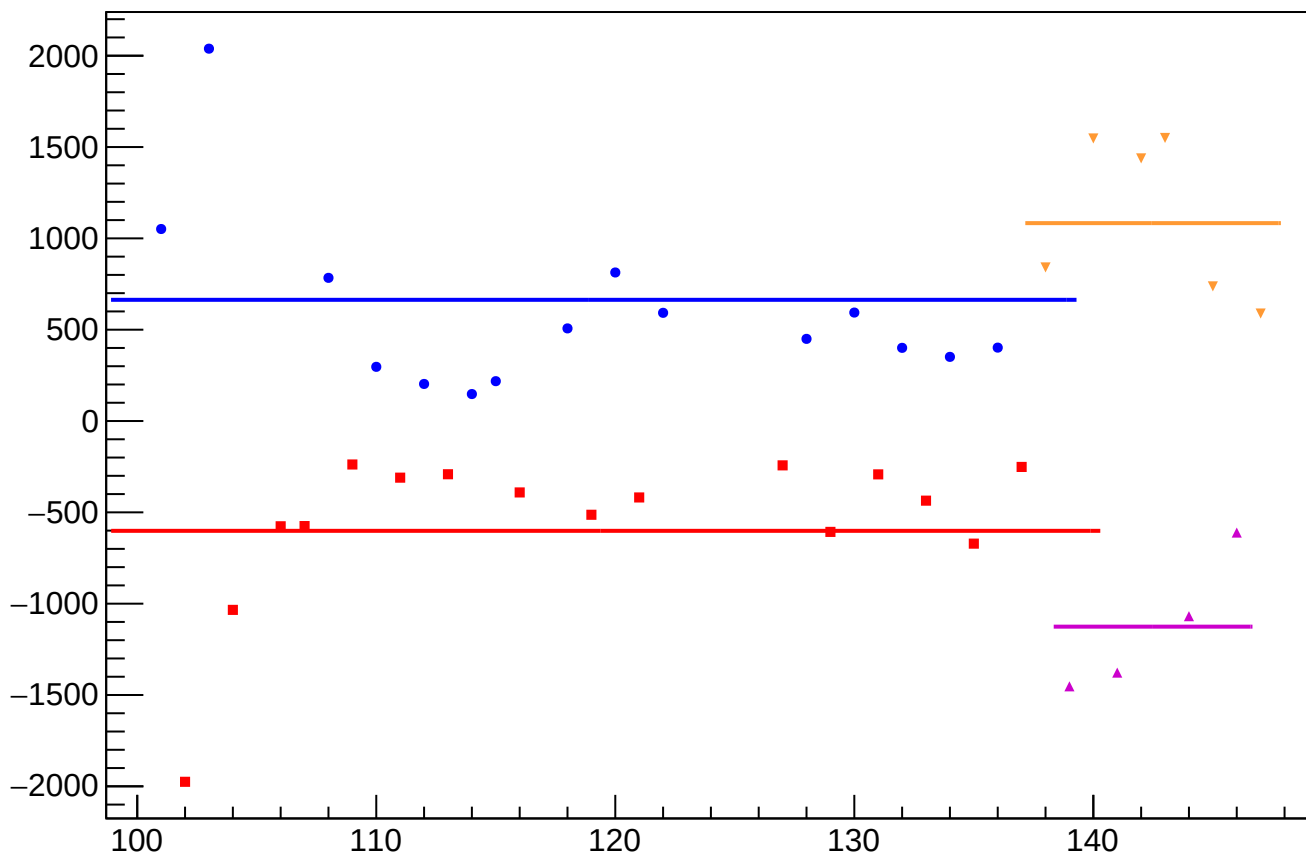
χ^2/NDF : 88346165266593126627598951693506073067520.0/15

Left In: -44381.771+/-0.000

χ^2/NDF : 35382625512844168163102455713923044737024.0/3

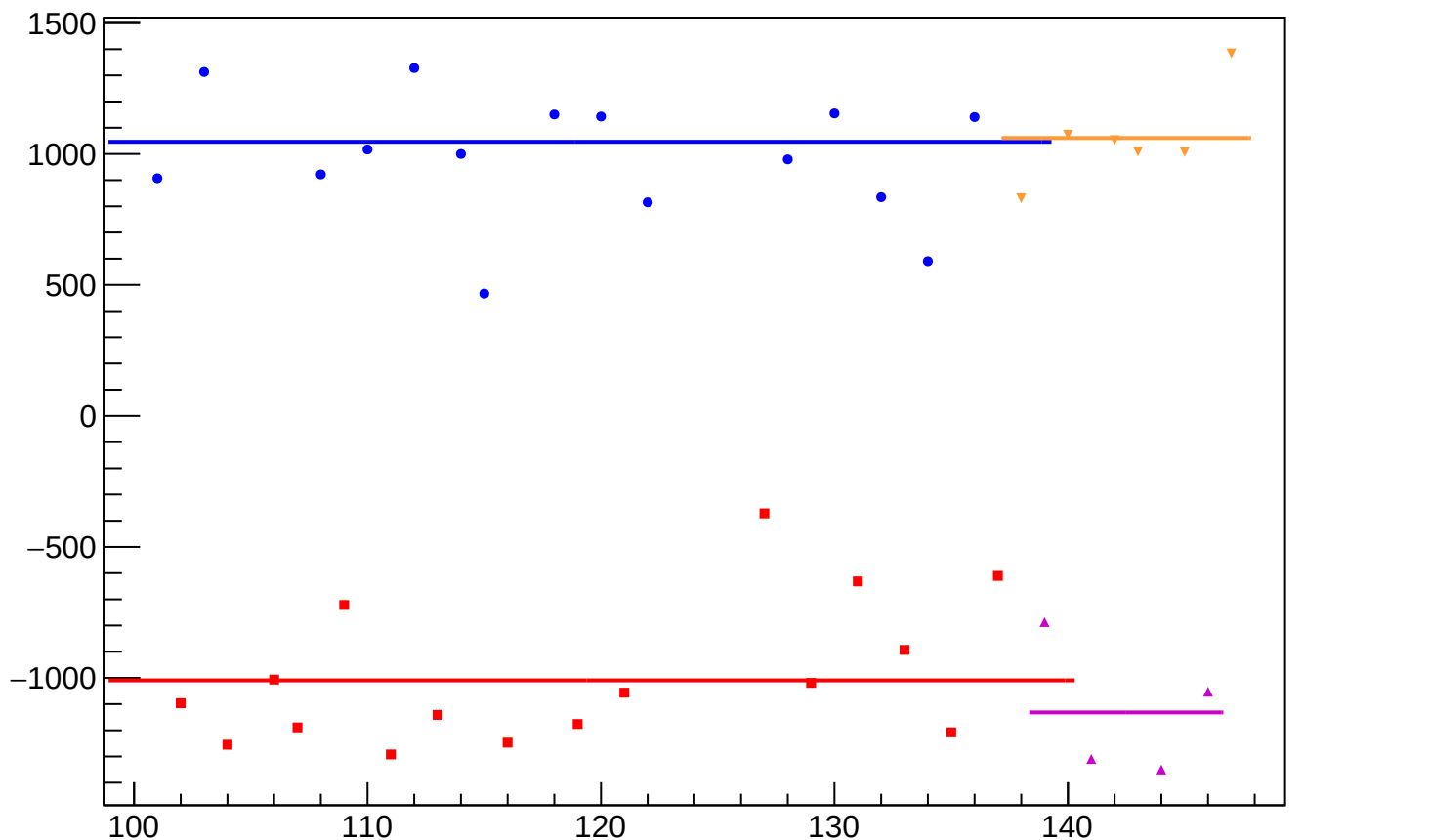
All: 3493.965+/-0.000 χ^2/NDF : 32497249883

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



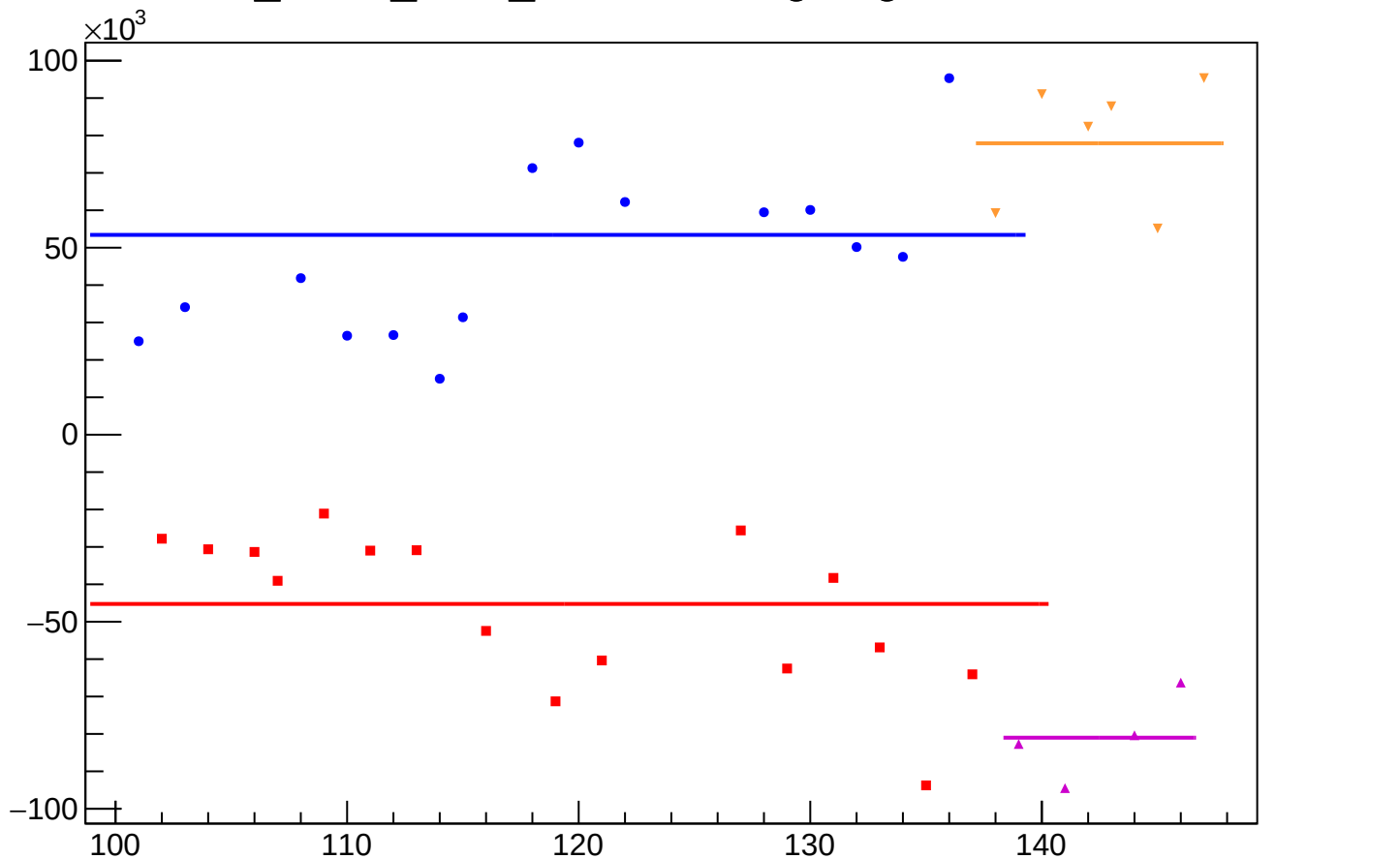
Left: 113.666+/-0.000 χ^2/NDF : 103326832236303
 Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Left Out: 1083.436+/-0.000 χ^2/NDF : 71384987904717020849771456427416616960.0/5
 Right Out: -601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15
 Left In: -1125.805+/-0.000 χ^2/NDF : 36341682277159443096143351141120344064.0/3
 In: 50.798+/-0.000 χ^2/NDF : 905654233438174165
 Out: 60.995+/-0.000 χ^2/NDF : 96520491793315127
 All: 56.170+/-0.000 χ^2/NDF : 1870913223451

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



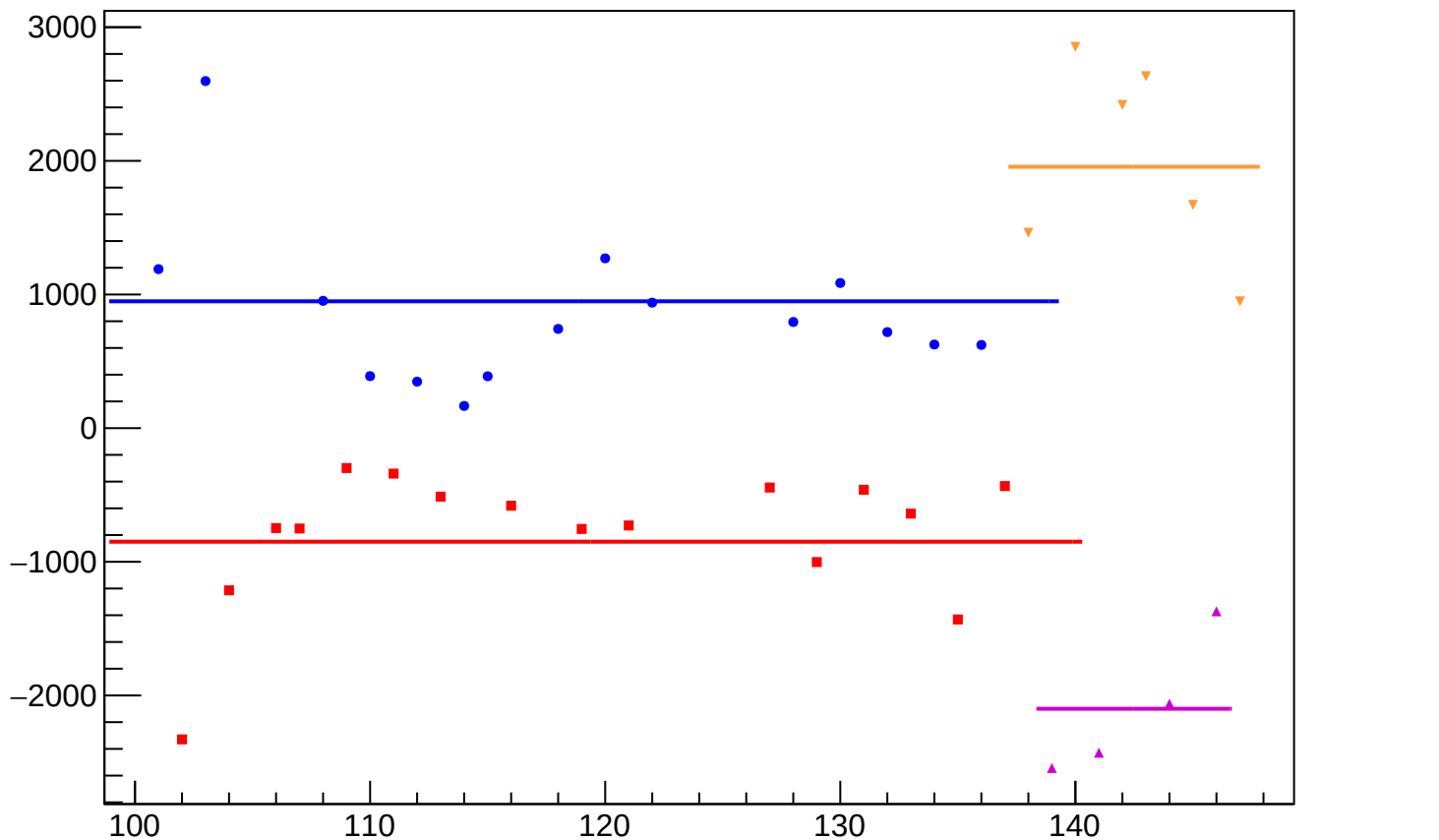
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam4_coil1_mean vs Slug, Sign Corrected



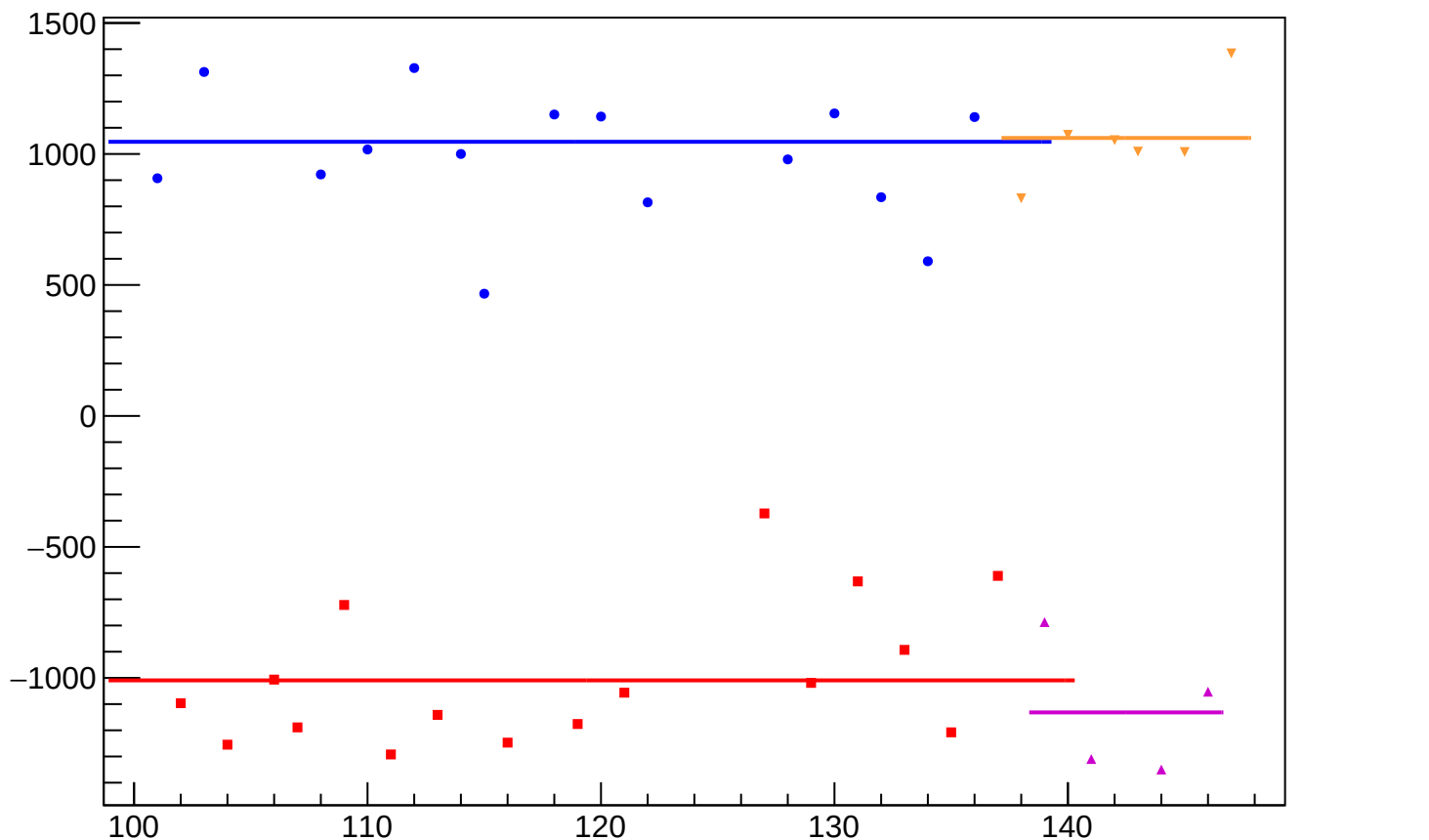
Left: 8152.793+/-0.000 χ^2/NDF : 493762644202240
 Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Right: 3412.622+/-0.000 χ^2/NDF : 38491691465863
 Left Out: 77913.650+/-0.000 χ^2/NDF : 114495297924086223149211540785191756759040.0/5
 In: 7386.145+/-0.000 χ^2/NDF : 4410848437744283
 Right Out: -45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Out: 3165.183+/-0.000 χ^2/NDF : 437759753429201
 Left In: -81009.011+/-0.000 χ^2/NDF : 33728193747894114609627400453884951396352.0/3
 All: 5162.350+/-0.000 χ^2/NDF : 87977105041

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



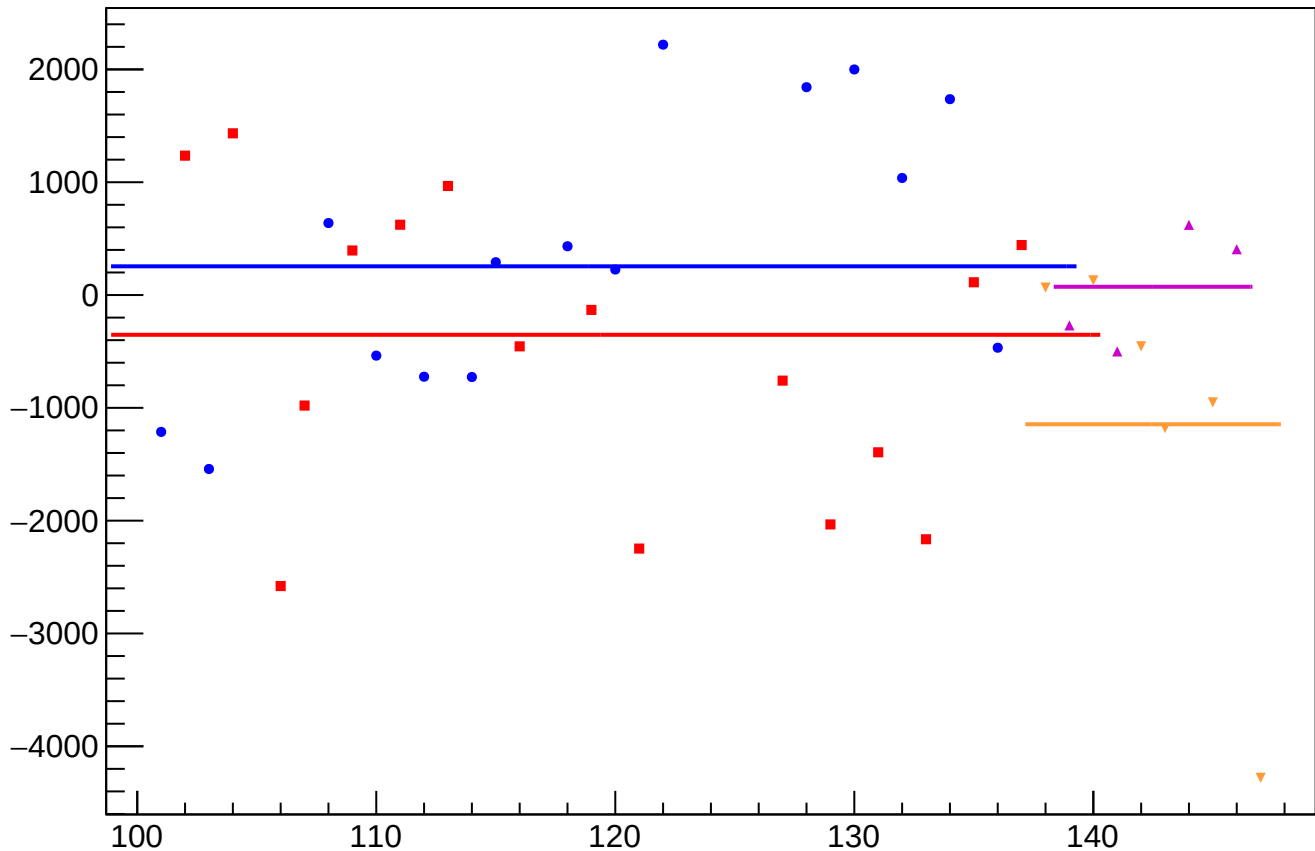
Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14
 Left Out: 1955.819+/-0.000 χ^2/NDF : 211306370346989261060543024722861883392.0/5
 Right Out: -849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15
 Left In: -2099.708+/-0.000 χ^2/NDF : 69387092688820614202469501591575592960.0/3
 All: 88.402+/-0.000 χ^2/NDF : 4903811920530

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



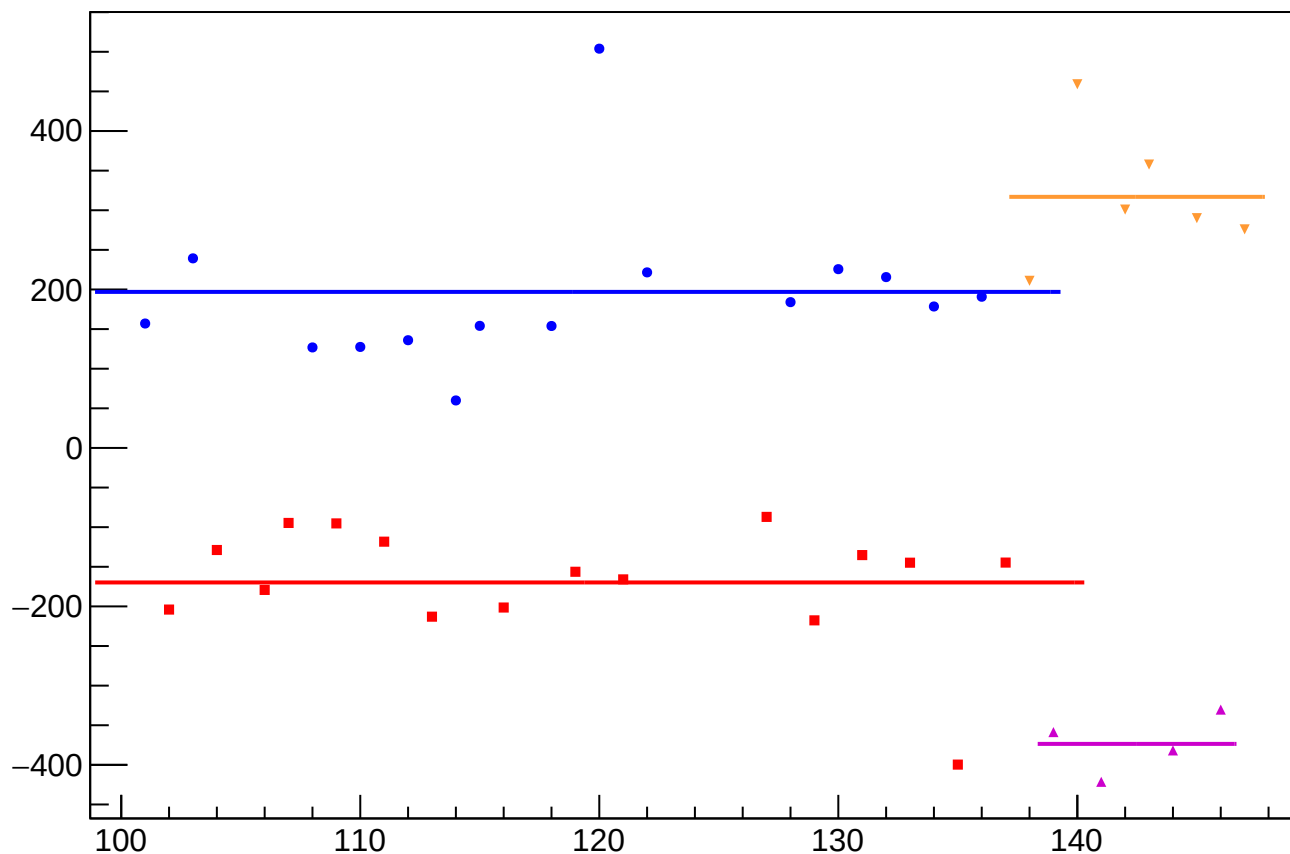
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam5_coil1_mean vs Slug, Sign Corrected



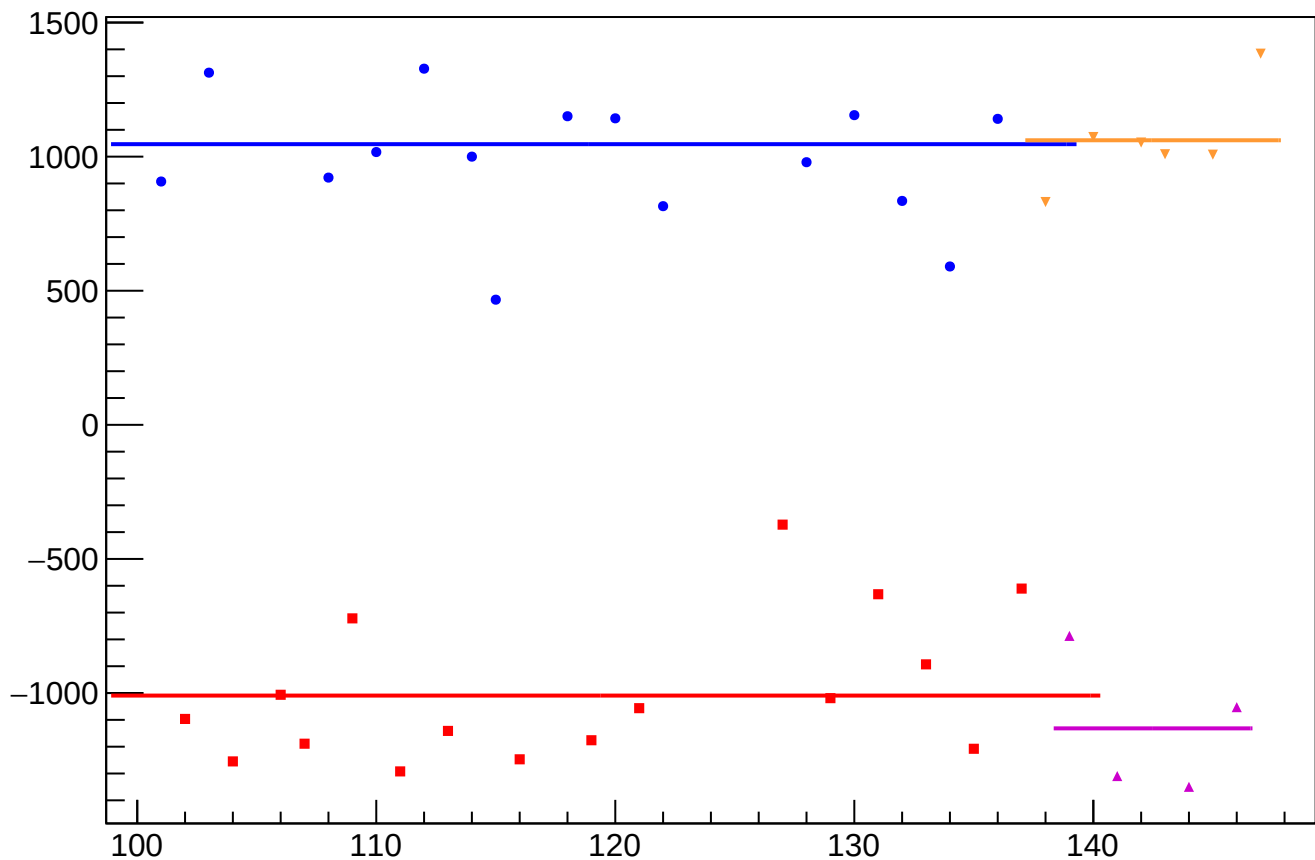
Left: -610.494 ± 0.000 $\chi^2/\text{NDF}: 139428262253597$
 Right In: 254.578 ± 0.000 $\chi^2/\text{NDF}: 978402113531006640741569223967249530880.0/14$
 Right: -53.015 ± 0.000 $\chi^2/\text{NDF}: 220036732540735$
 Left Out: -1145.504 ± 0.000 $\chi^2/\text{NDF}: 1039195807430281119645869378619719024640.0/5$
 In: 192.501 ± 0.000 $\chi^2/\text{NDF}: 1059095349395863$
 Right Out: -352.308 ± 0.000 $\chi^2/\text{NDF}: 1100813647101508513447529068154010468352.0/15$
 Out: -664.101 ± 0.000 $\chi^2/\text{NDF}: 230496749810150$
 Left In: 73.306 ± 0.000 $\chi^2/\text{NDF}: 73390113563591340723274165524023476224.0/3$
 All: -258.796 ± 0.000 $\chi^2/\text{NDF}: 37456195027$

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



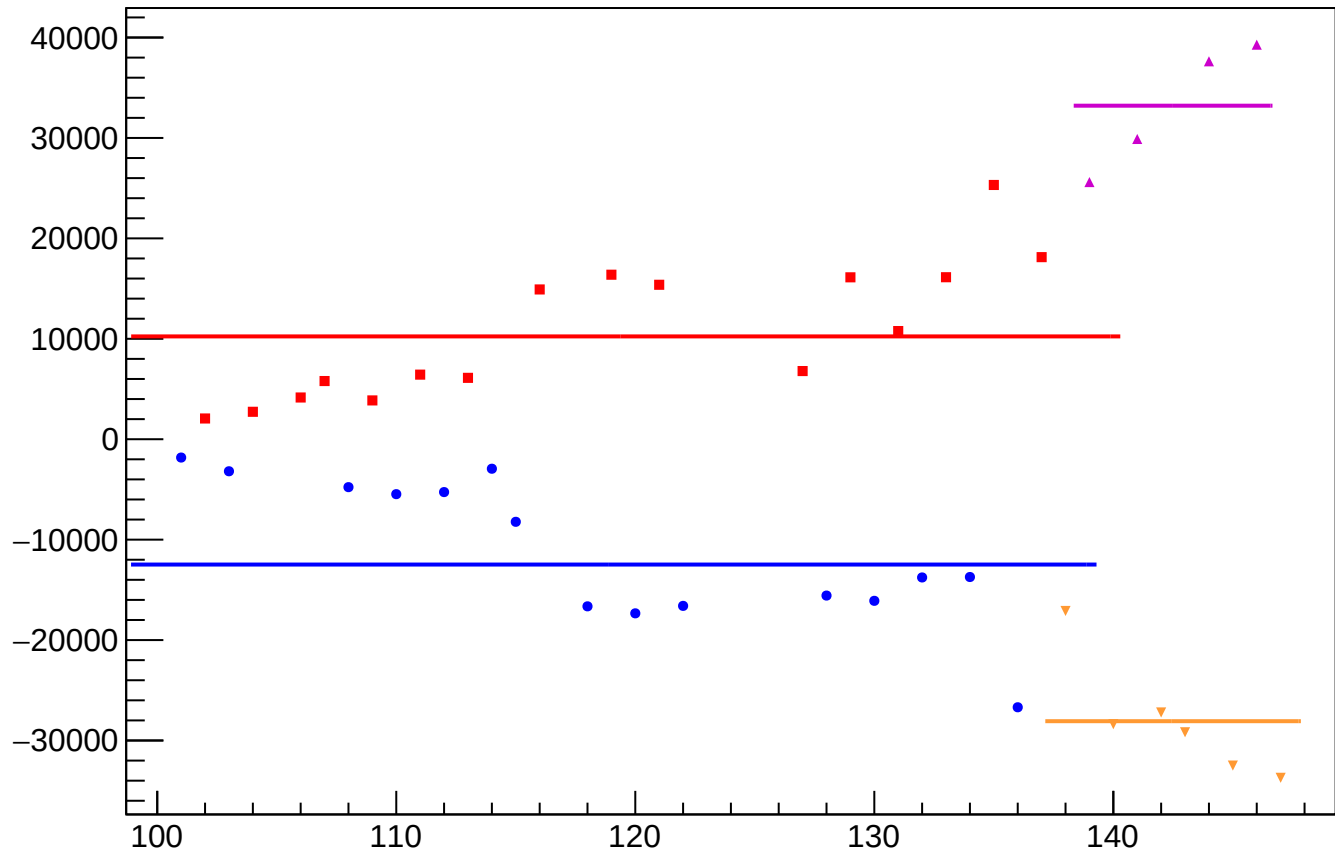
Left: 13.832 $\pm$ 0.000 χ^2/NDF : 9362186664673648
 Right: 11.081 $\pm$ 0.000 χ^2/NDF : 5261792058222240
 In: 1.588 $\pm$ 0.000 χ^2/NDF : 7719451431865636843
 Out: 21.533 $\pm$ 0.000 χ^2/NDF : 68842079634722756
 All: 12.096 $\pm$ 0.000 χ^2/NDF : 1462434642021

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



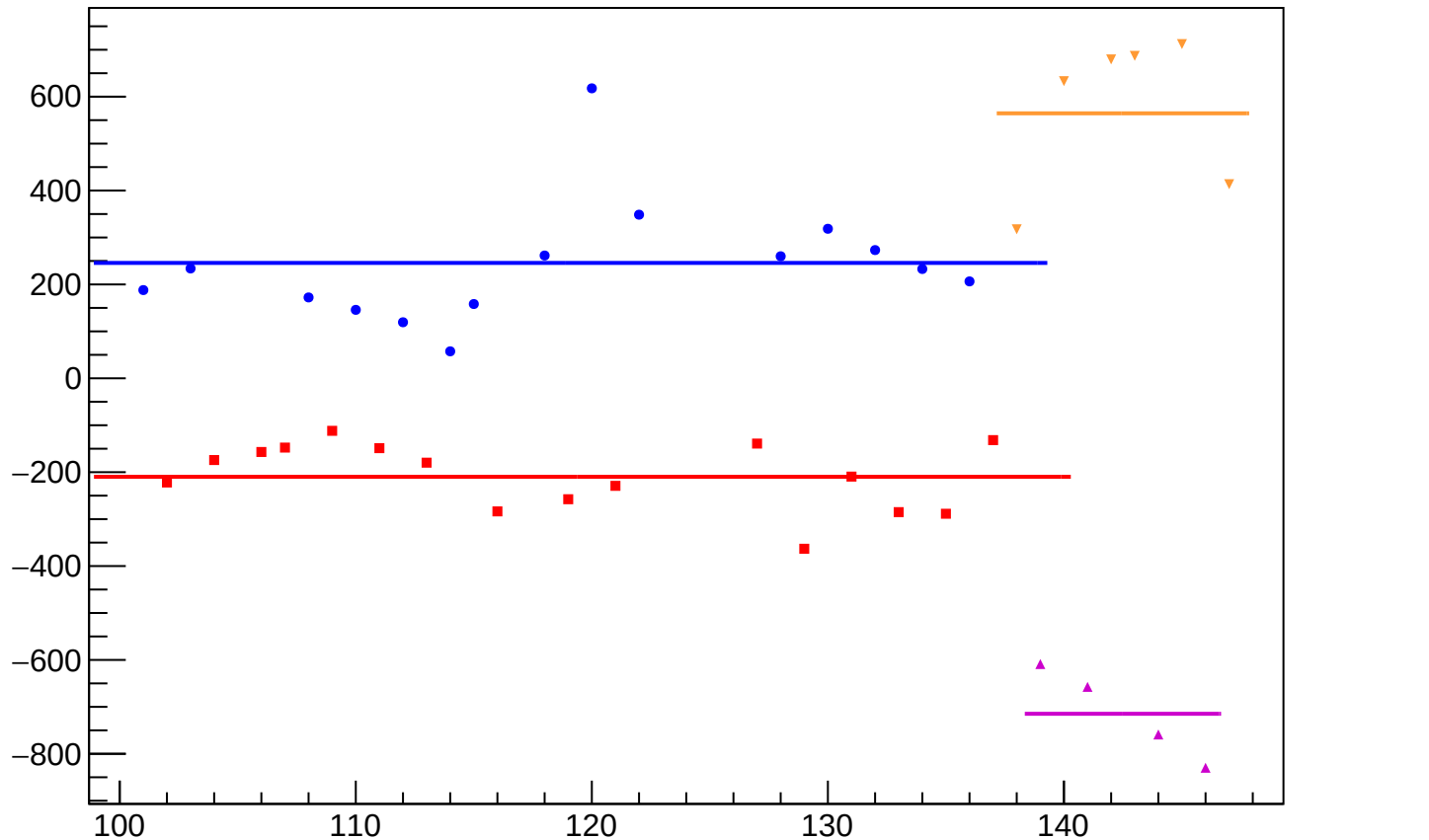
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam6_coil1_mean vs Slug, Sign Corrected



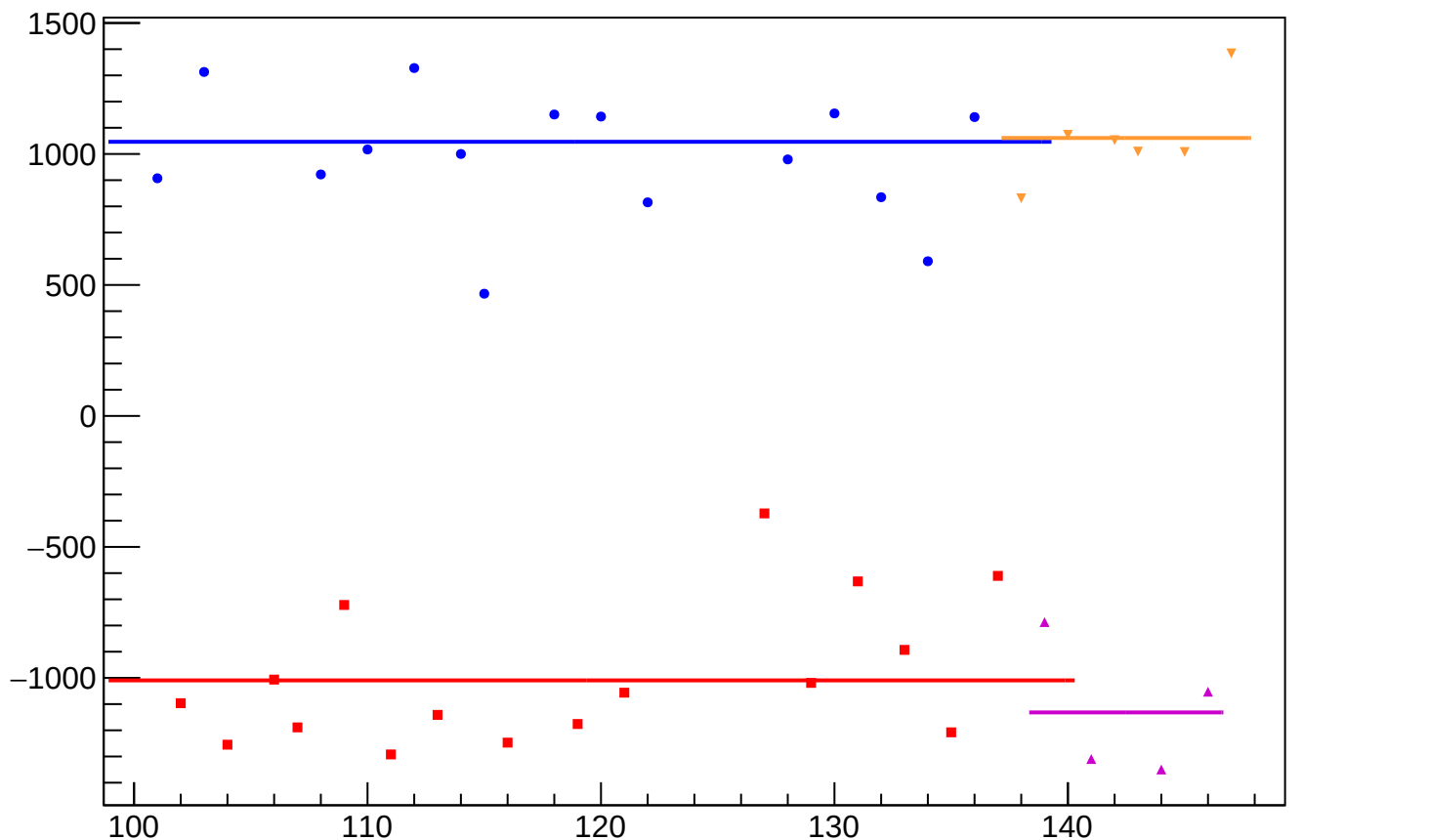
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -28077.653+/-0.000 χ^2/NDF : 13580280008839372219967951208610202124288.0/5
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 33212.315+/-0.000 χ^2/NDF : 10421070678034966459363421393628046557184.0/3
 All: -1042.314+/-0.000 χ^2/NDF : 9785347568

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



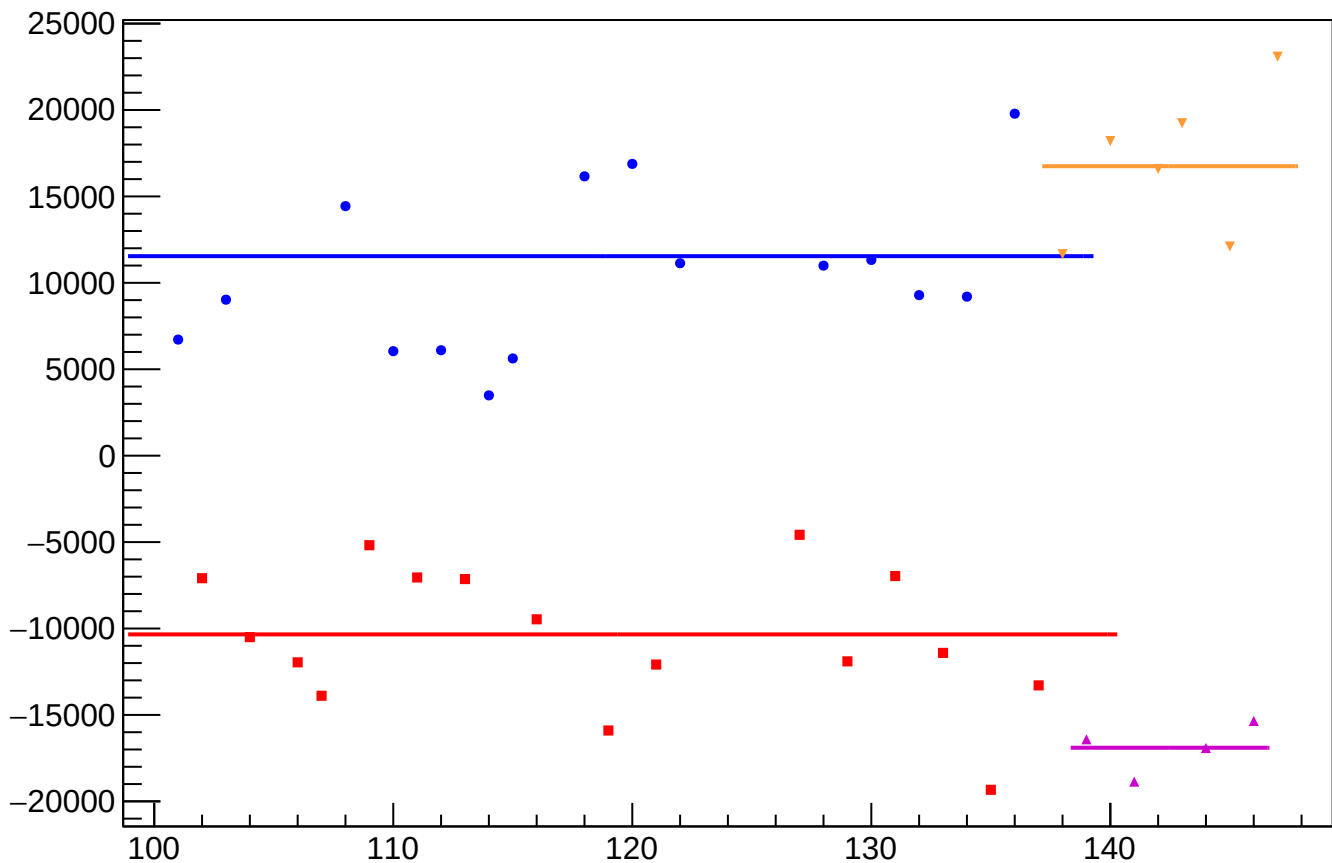
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 564.558 $\pm$ 0.000 χ^2 /NDF: 10297815122170756744801188546007269376.0/5
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -714.756 $\pm$ 0.000 χ^2 /NDF: 2459861685620115659191270231618093056.0/3
 All: 10.489 $\pm$ 0.000 χ^2 /NDF: 4024431722134

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



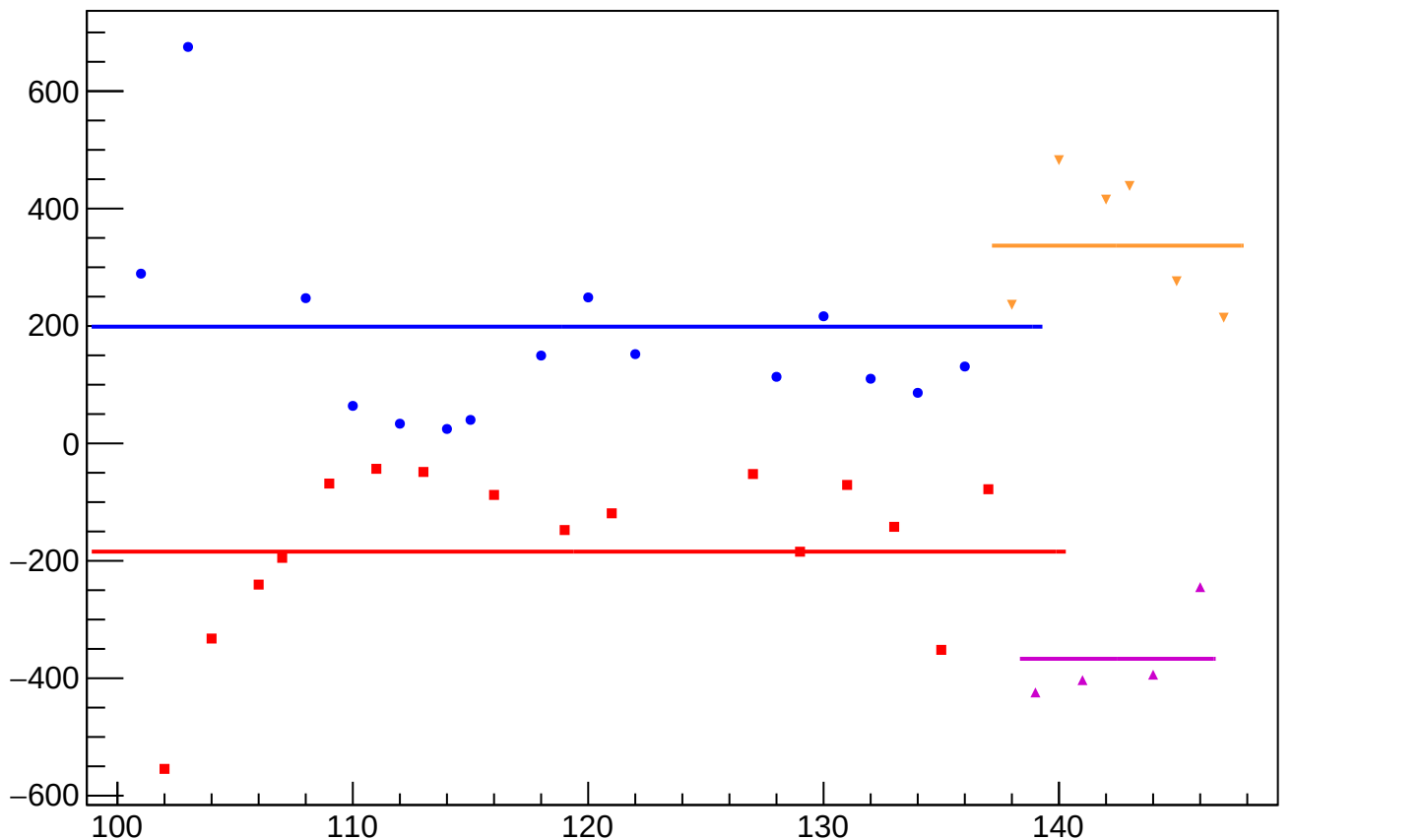
Right In: 1046.490 $\pm$ 0.000 χ^2 /NDF: 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 $\pm$ 0.000 χ^2 /NDF: 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445 $\pm$ 0.000 χ^2 /NDF: 44602783681728168935494176019868286976.0/15
 Left In: -1131.722 $\pm$ 0.000 χ^2 /NDF: 17062050594684537989489620676895571968.0/3
 All: 39.173 $\pm$ 0.000 χ^2 /NDF: 2405679985398

dit_sam7_coil1_mean vs Slug, Sign Corrected



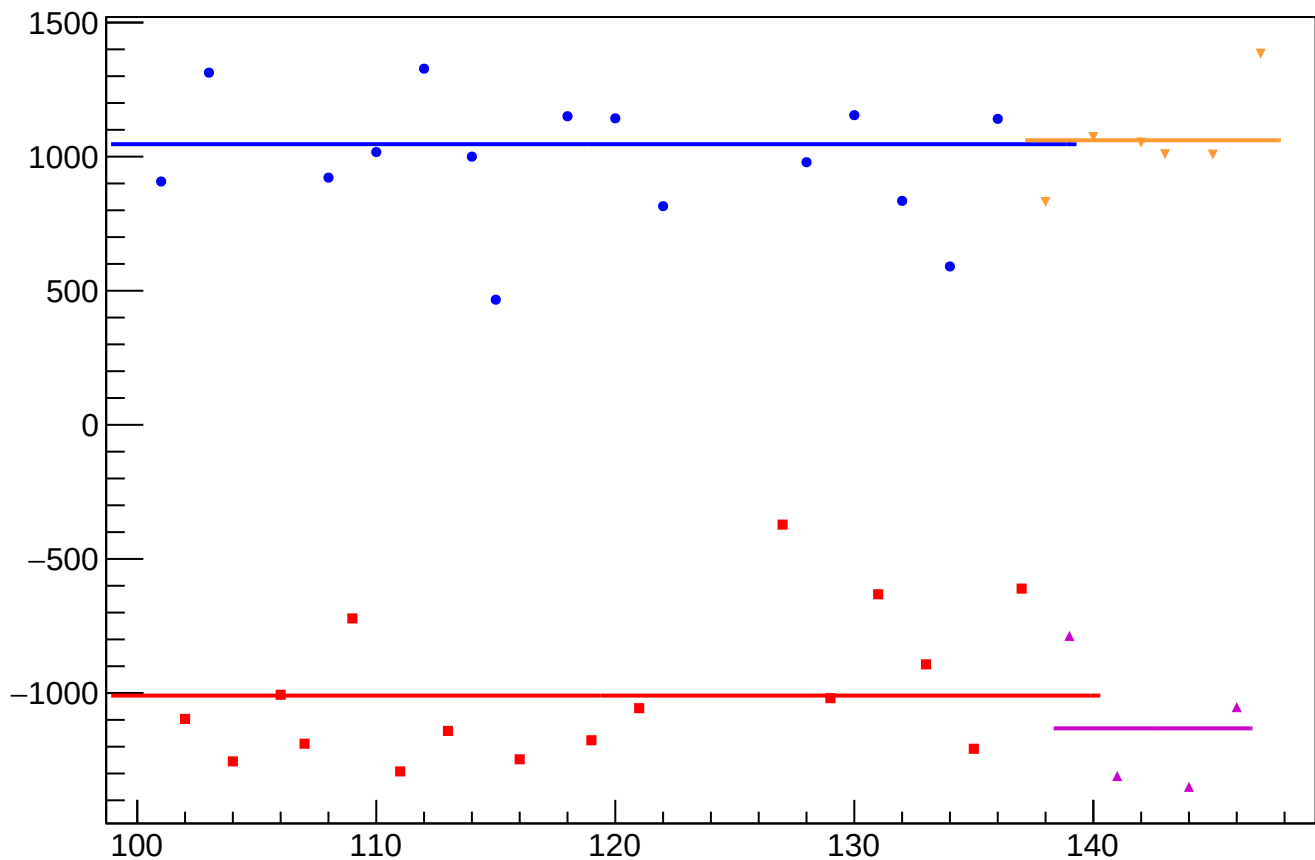
Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 16746.562+/-0.000 χ^2/NDF : 7493093610371258149196772913150374707200.0/5
 Right Out: -10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: -16897.791+/-0.000 χ^2/NDF : 545469317769551317748017360397609730048.0/3
 All: 1015.126+/-0.000 χ^2/NDF : 40682951764

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



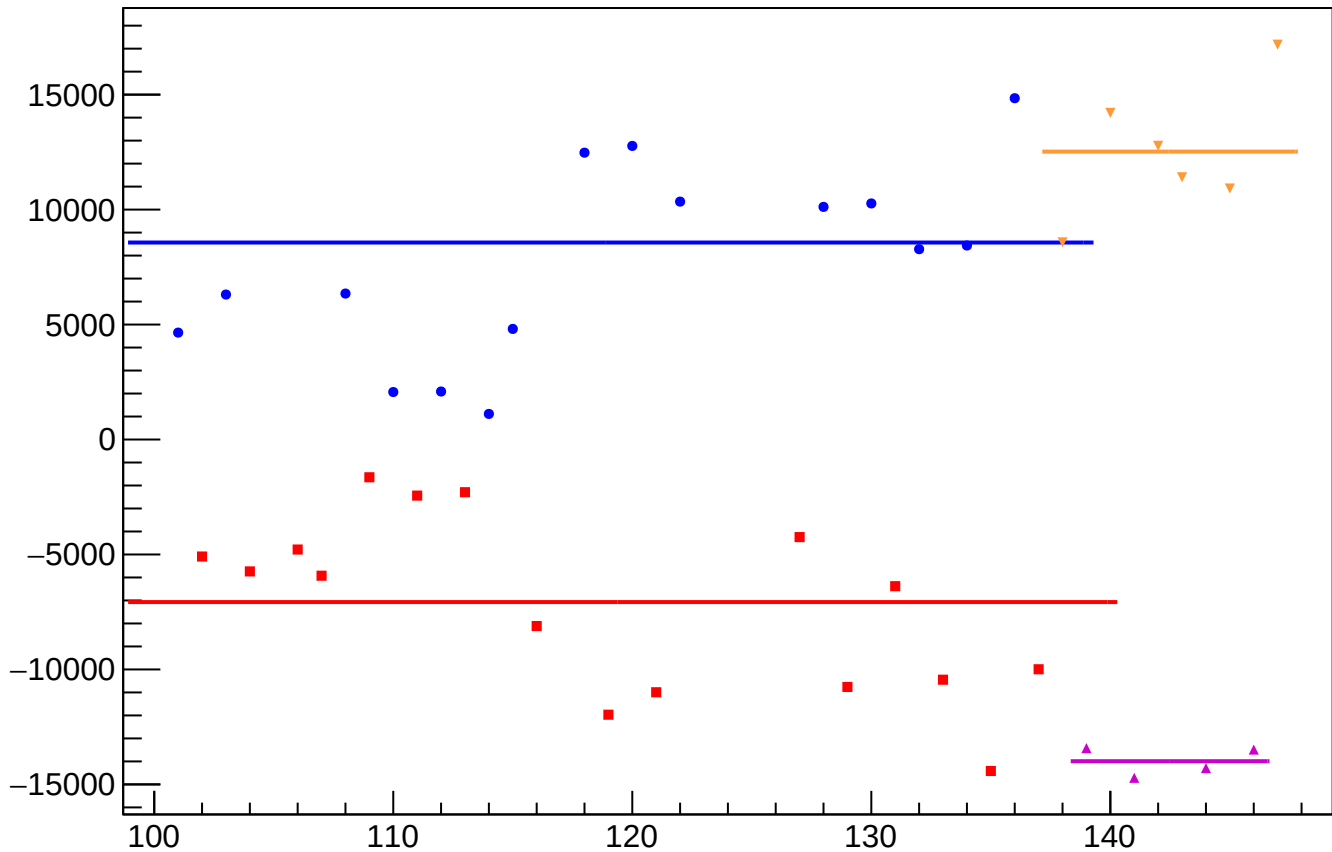
Left: 27.959+/-0.000 χ^2/NDF : 10056098662326240
 Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Right: 4.640+/-0.000 χ^2/NDF : 81558141576342570
 Left Out: 336.854+/-0.000 χ^2/NDF : 4977946548384884141799195331453255680.0/5
 In: 5.128+/-0.000 χ^2/NDF : 9113618861790299200
 Right Out: -184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15
 Out: 20.540+/-0.000 χ^2/NDF : 91123578736245718
 Left In: -366.840+/-0.000 χ^2/NDF : 1680438696314560677583273977515606016.0/3
 All: 13.248+/-0.000 χ^2/NDF : 1823832784554

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



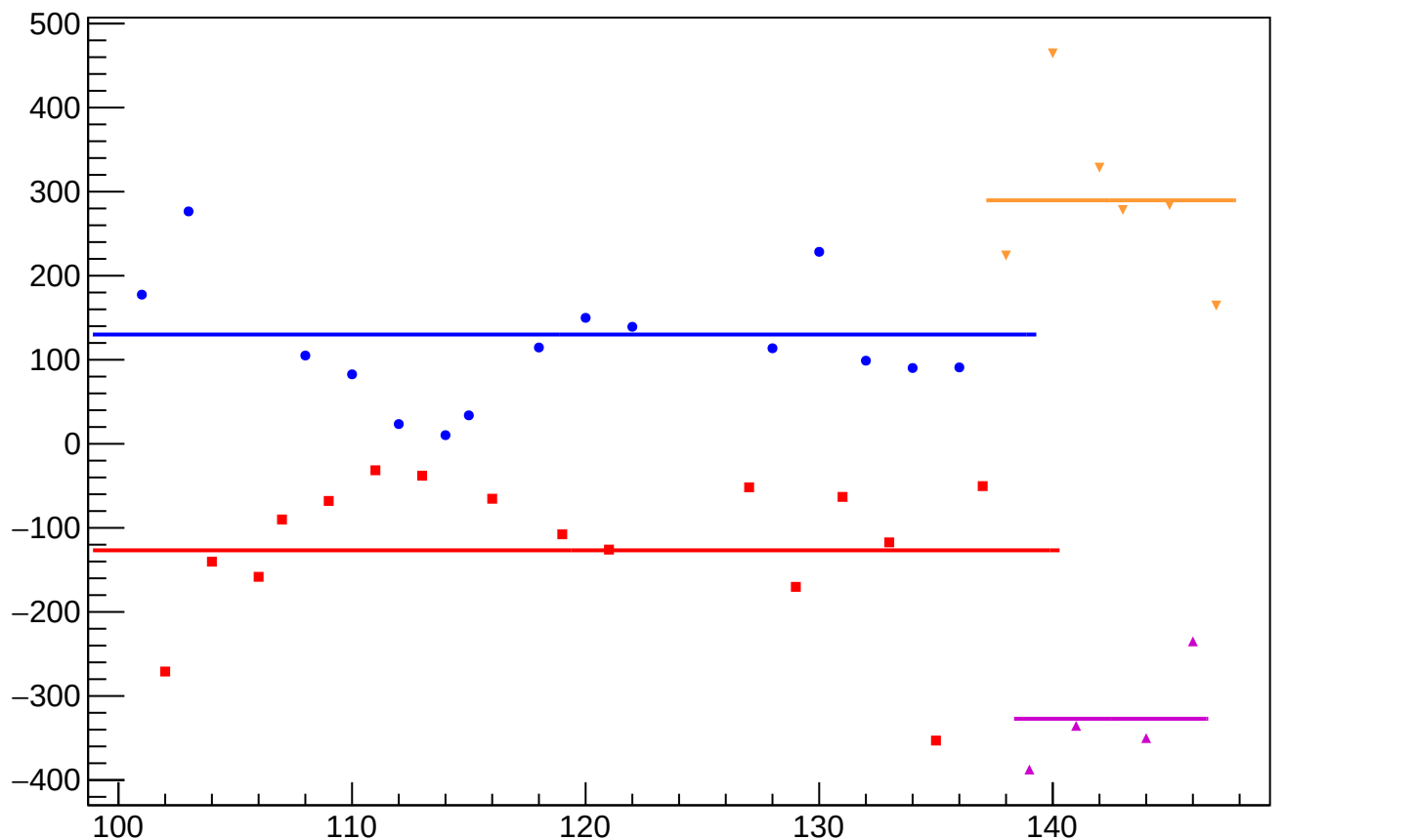
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_sam8_coil1_mean vs Slug, Sign Corrected



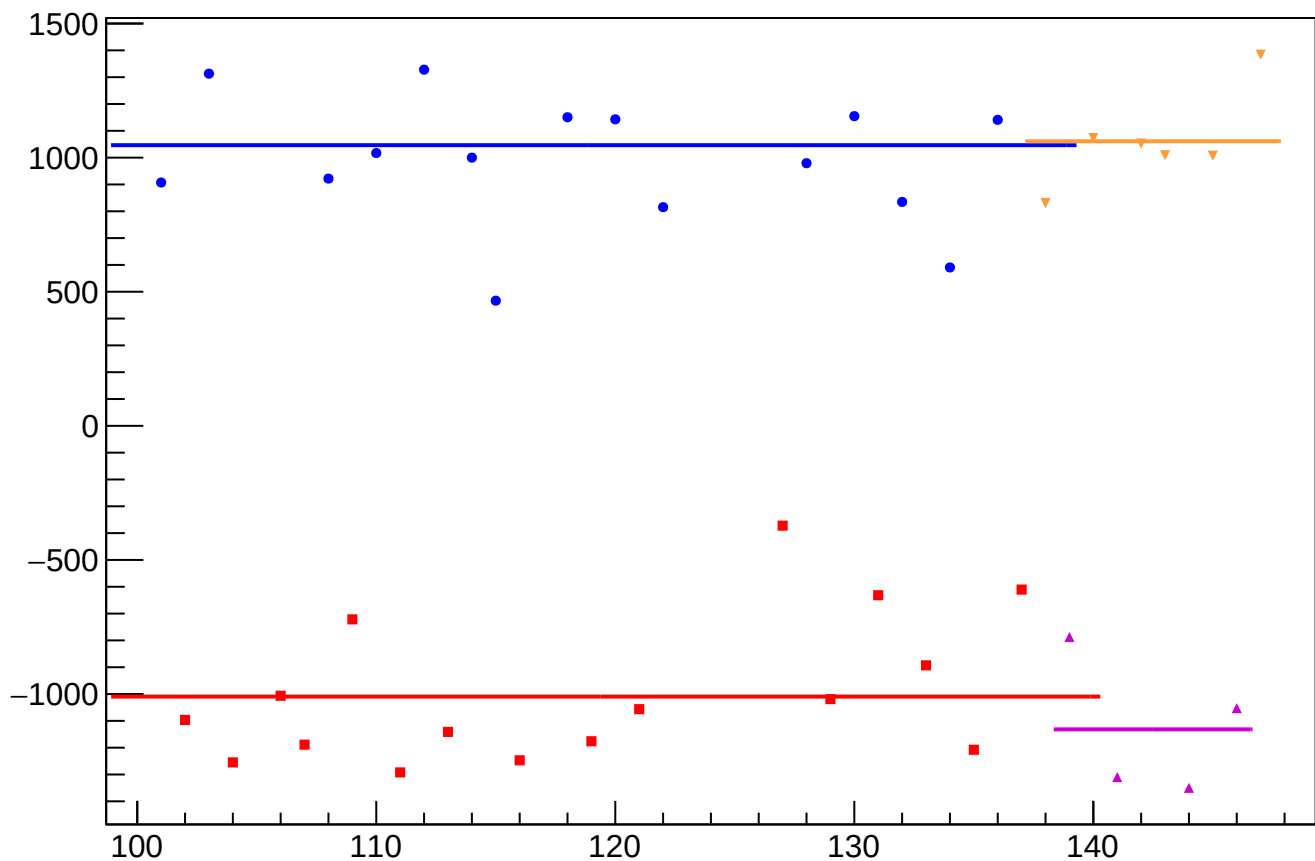
Left: 883.859+/-0.000 χ^2/NDF : 1368184202162140
 Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Right: 642.005+/-0.000 χ^2/NDF : 101620430321781
 Left Out: 12521.564+/-0.000 χ^2/NDF : 3430171517625916286825649436314465992704.0/5
 In: 842.703+/-0.000 χ^2/NDF : 12430291158188692
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Out: 631.213+/-0.000 χ^2/NDF : 1141410948780225
 Left In: -13990.367+/-0.000 χ^2/NDF : 99814819082525291266232825073708826624.0/3
 All: 731.280+/-0.000 χ^2/NDF : 23846726494

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



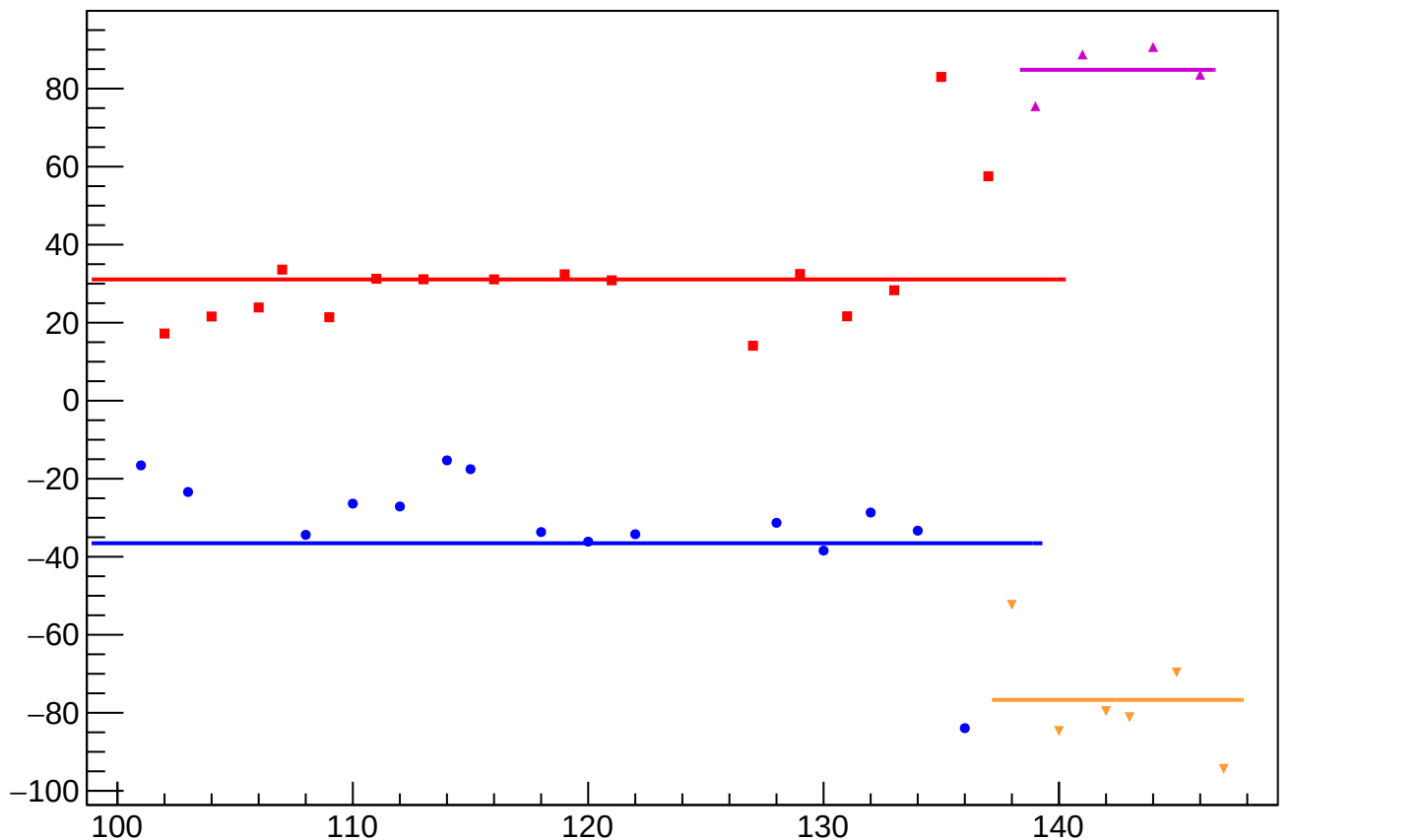
Left: 18.941 $\pm$ 0.000 χ^2 /NDF: 77336708989657103
 Right In: 130.021 $\pm$ 0.000 χ^2 /NDF: 3115259987552341725946418665378283520.0/14
 Right: -0.100 $\pm$ 0.000 χ^2 /NDF: 3019268215396835
 Left Out: 289.685 $\pm$ 0.000 χ^2 /NDF: 4145396651970944202045425283437166592.0/5
 In: -26.520 $\pm$ 0.000 χ^2 /NDF: 50607997941796614
 Right Out: -126.709 $\pm$ 0.000 χ^2 /NDF: 5397122581297664561308621600668516352.0/15
 Out: 36.969 $\pm$ 0.000 χ^2 /NDF: 55001461751658797
 Left In: -327.097 $\pm$ 0.000 χ^2 /NDF: 1051855985123974069372214167098884096.0/3
 All: 6.929 $\pm$ 0.000 χ^2 /NDF: 10770551660850

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 39.173+/-0.000 χ^2/NDF : 2405679985398

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -36.540+/-0.000

χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -76.685+/-0.000

χ^2/NDF : 81641503453680185095777043555024896.0/5

Right Out: 31.085+/-0.000

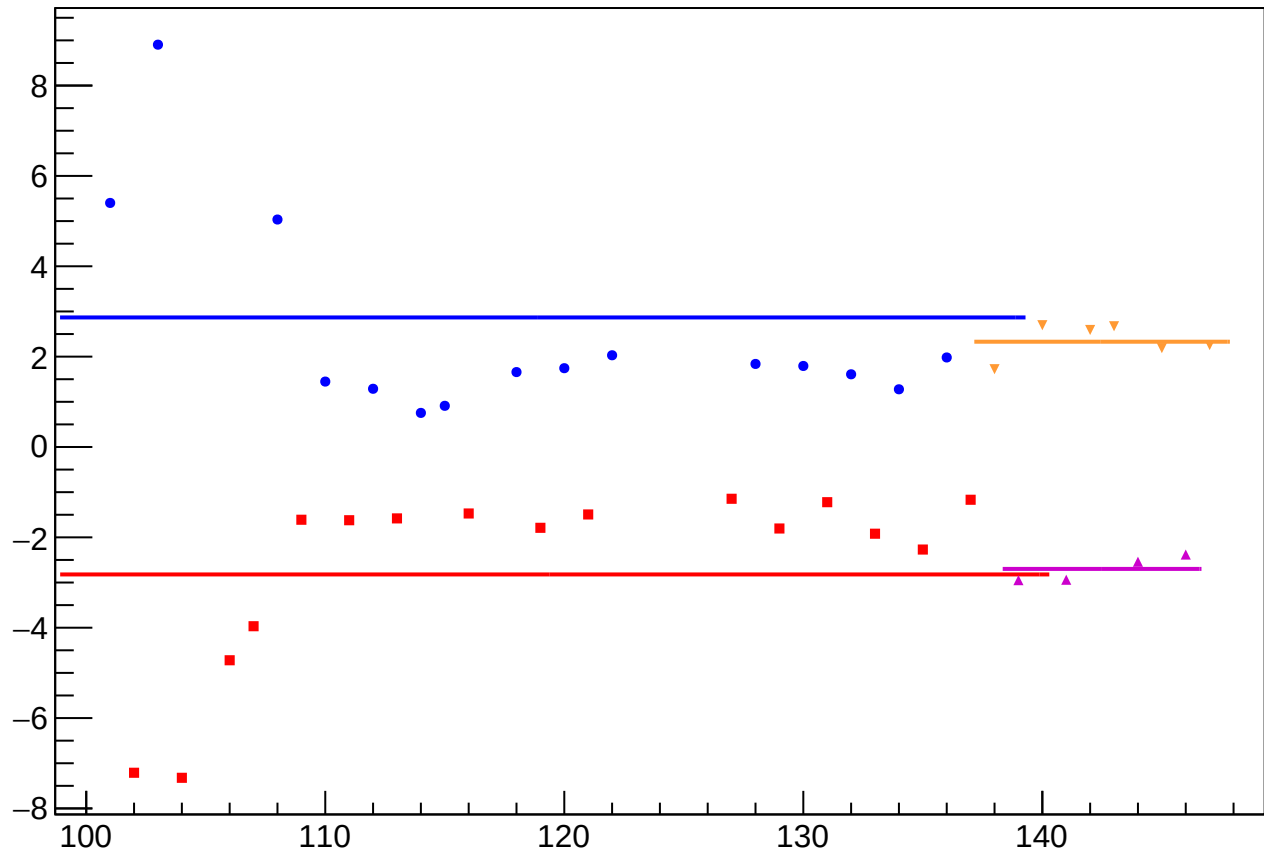
χ^2/NDF : 181291079119381636178408498876383232.0/15

Left In: 84.818+/-0.000

χ^2/NDF : 11547022211710462259276885300084736.0/3

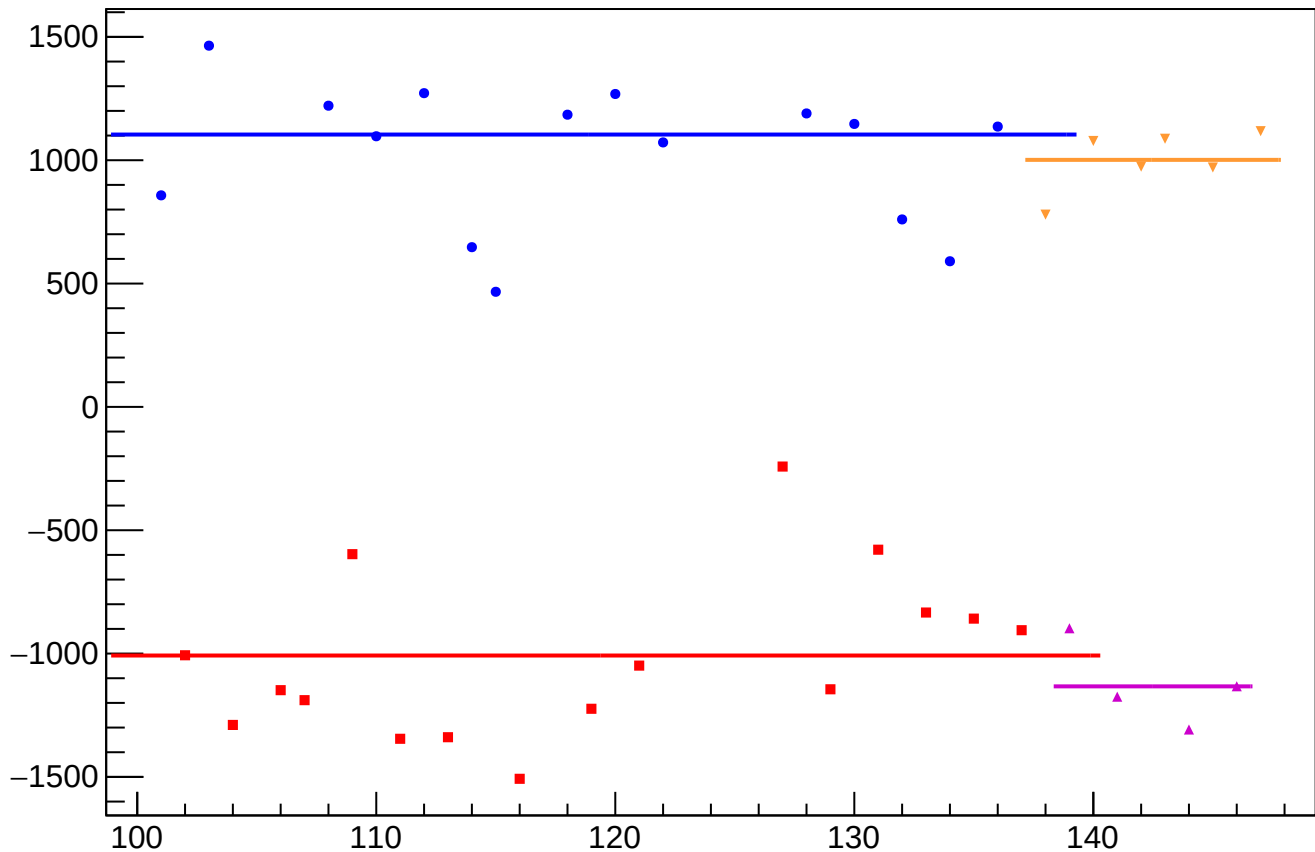
All: -3.567+/-0.000 χ^2/NDF : 6985360755470

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



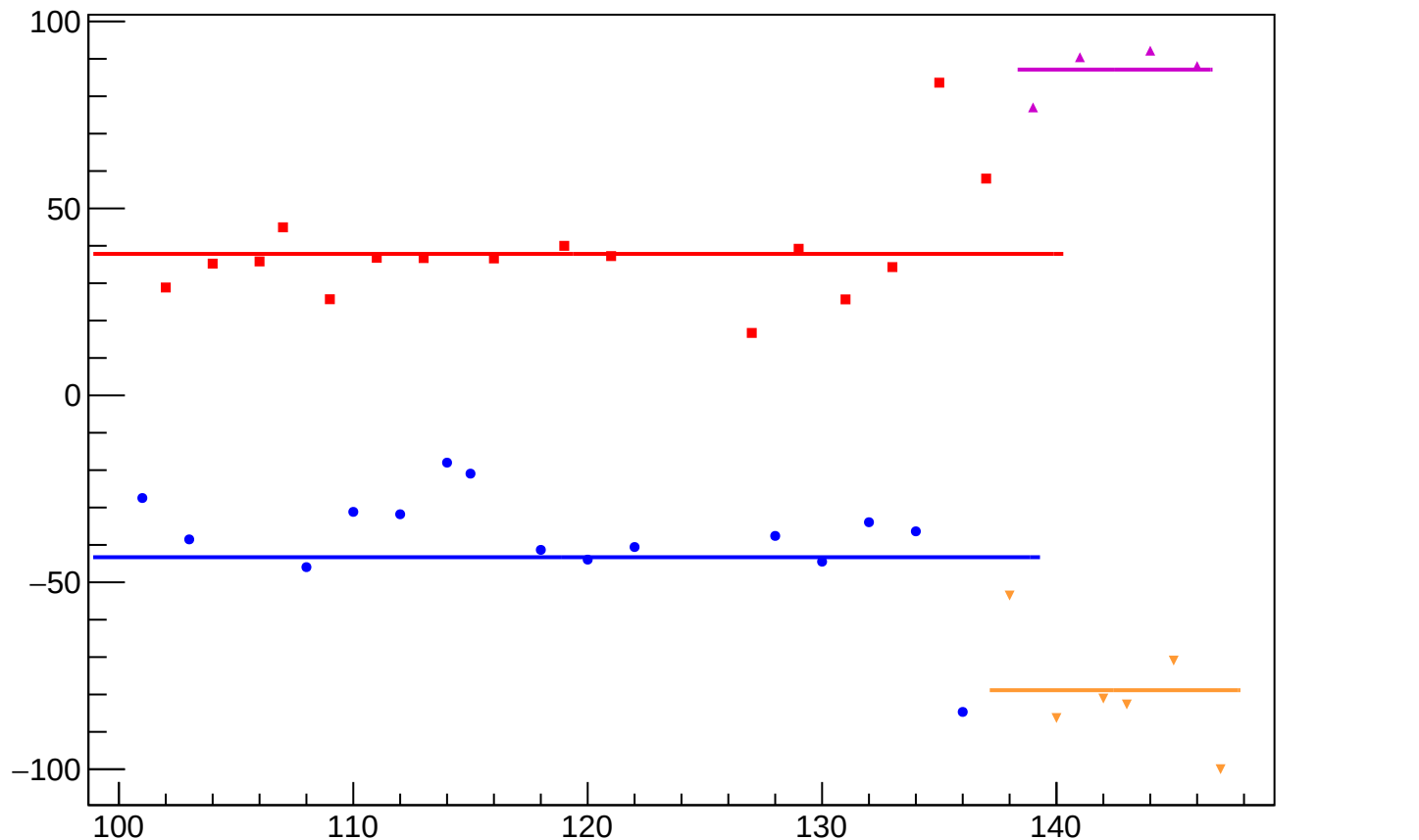
Right In: 2.867 ± 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.330 ± 0.000 χ^2/NDF : 52837044225995223303409354407936.0/5
 Right Out: -2.821 ± 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: -2.699 ± 0.000 χ^2/NDF : 20542384759073816336172717178880.0/3
 All: 0.035 ± 0.000 χ^2/NDF : 22030457163642

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: -43.289+/-0.000

Left Out: -78.859+/-0.000

Right Out: 37.832+/-0.000

Left In: 87.114+/-0.000

χ^2/NDF : 199342736778845281087197523996573696.0/14

χ^2/NDF : 95688322620582423150662704892477440.0/5

χ^2/NDF : 148683933977204936634636843897323520.0/15

χ^2/NDF : 11564417005236371420261785972768768.0/3

Left: -6.004+/-0.000 χ^2/NDF : 53310575432782926

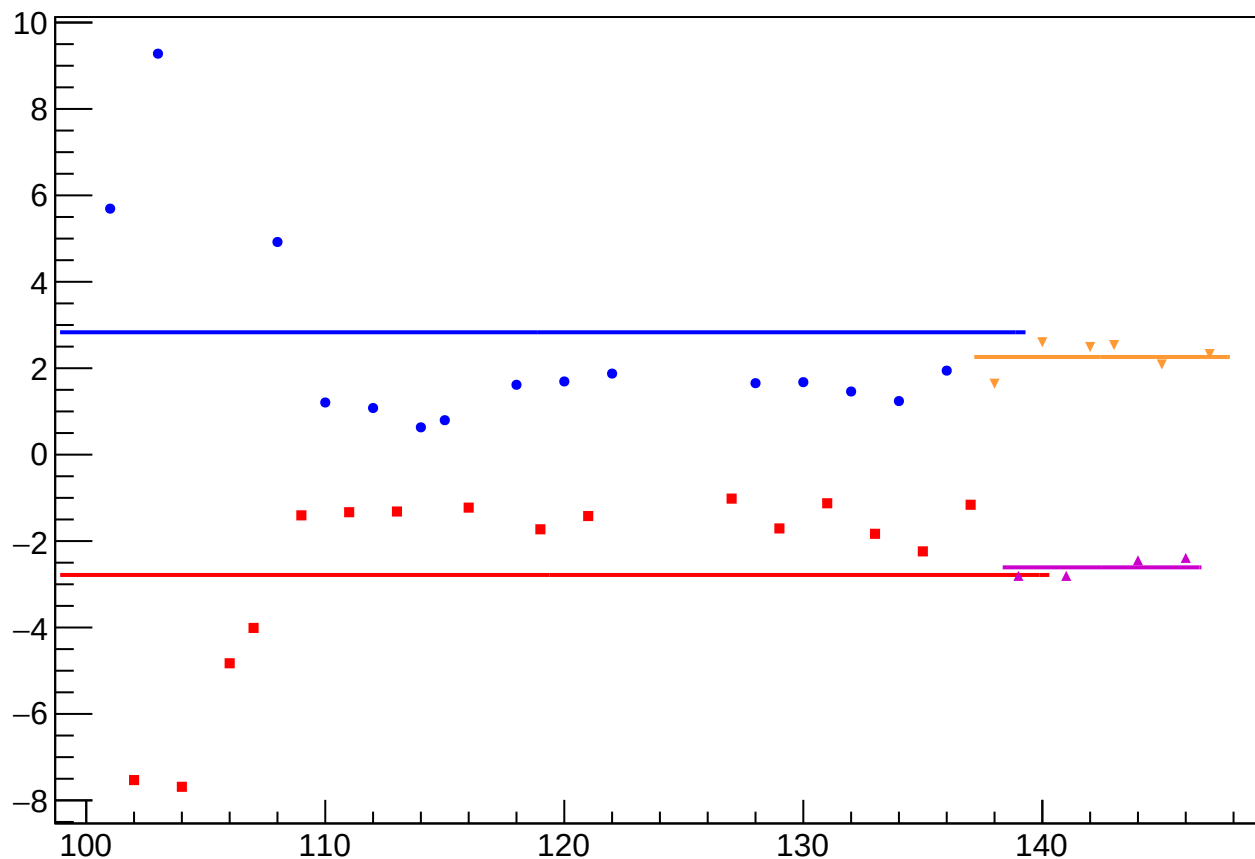
Right: -2.174+/-0.000 χ^2/NDF : 2512687101518028

In: 1.367+/-0.000 χ^2/NDF : 3990305374750276378

Out: -8.037+/-0.000 χ^2/NDF : 38145697538681657

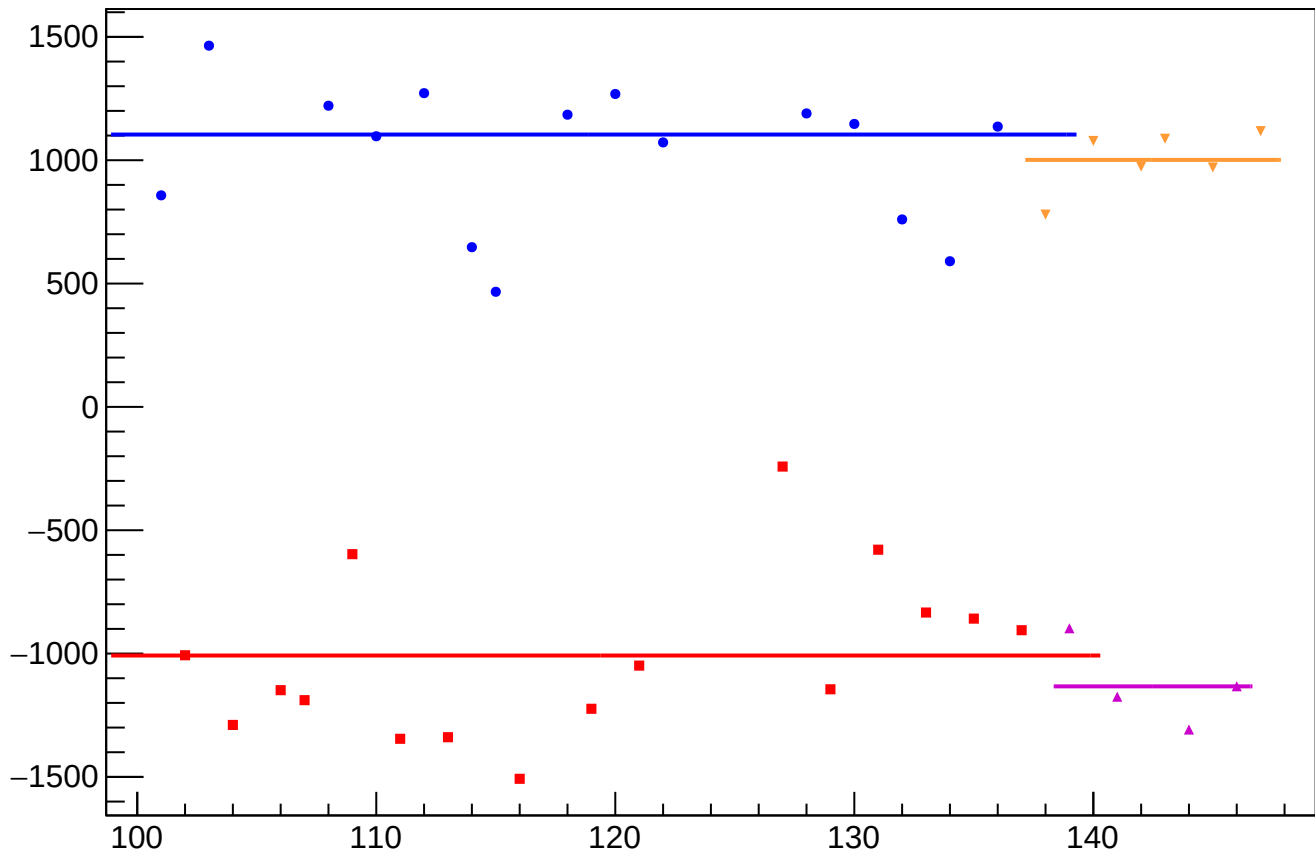
All: -3.587+/-0.000 χ^2/NDF : 7850869510786

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



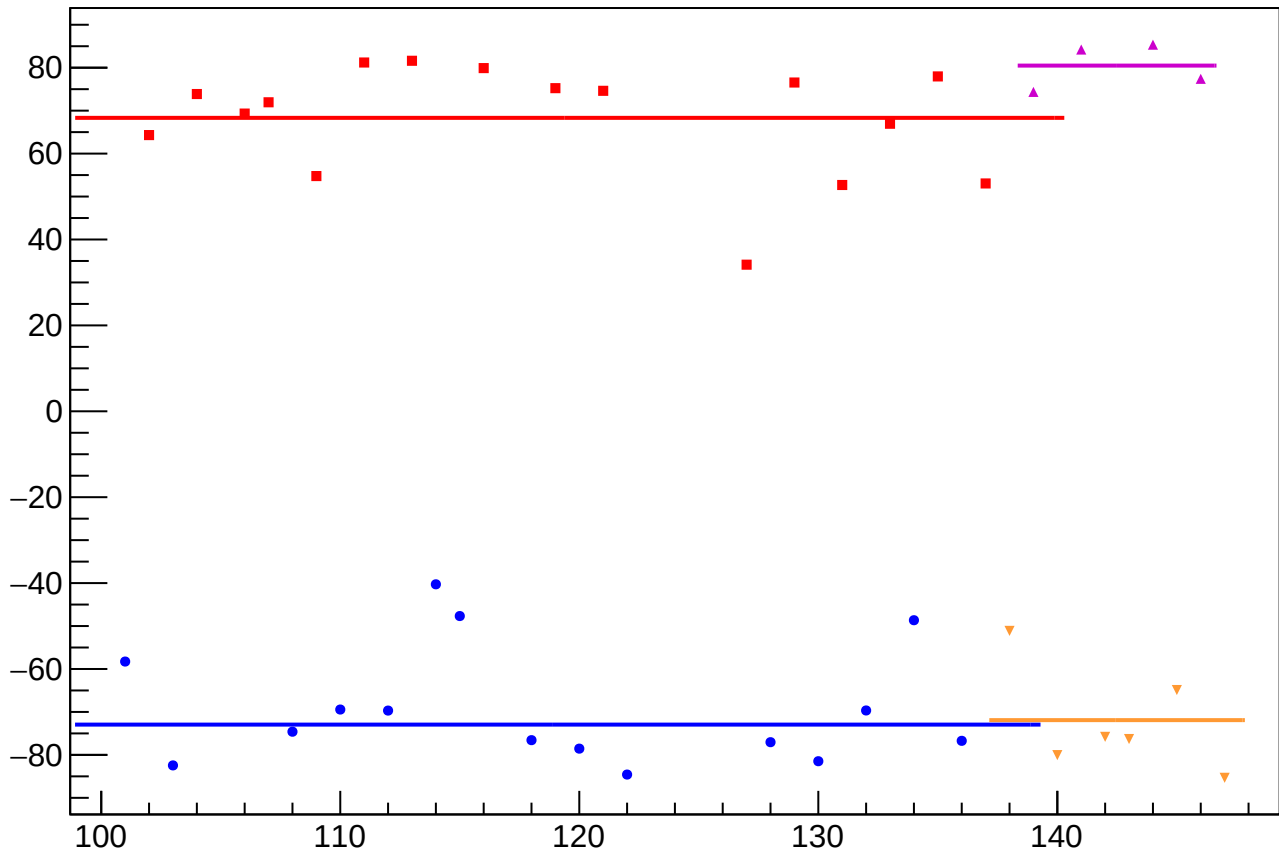
Left: 0.123 +/- 0.000 χ^2/NDF : 455673994099808679
 Right: -0.015 +/- 0.000 χ^2/NDF : 1792170452533502
 In: 0.969 +/- 0.000 χ^2/NDF : 1054713913429693321
 Out: -0.801 +/- 0.000 χ^2/NDF : 10311072940466700
 All: 0.036 +/- 0.000 χ^2/NDF : 22487685767786

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



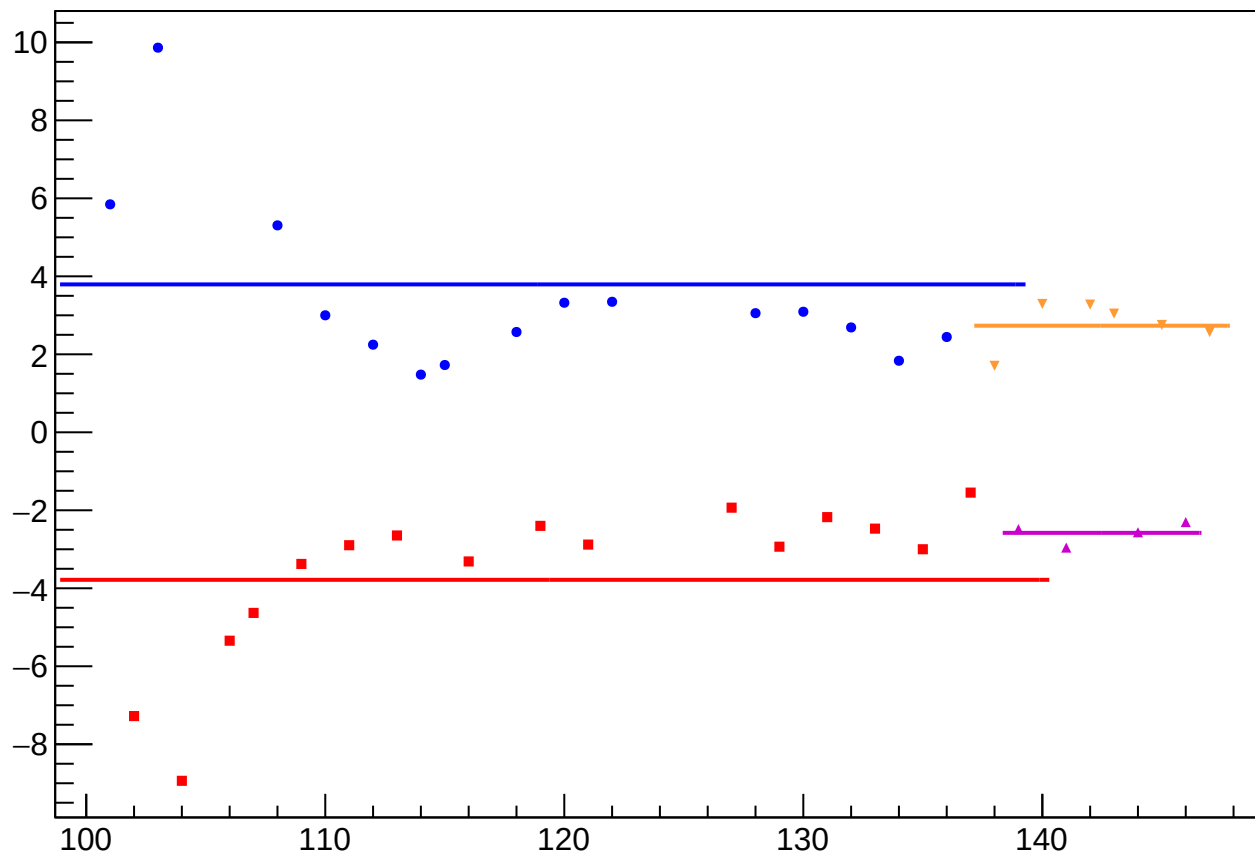
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_11X12X_coil3_mean vs Slug, Sign Corrected



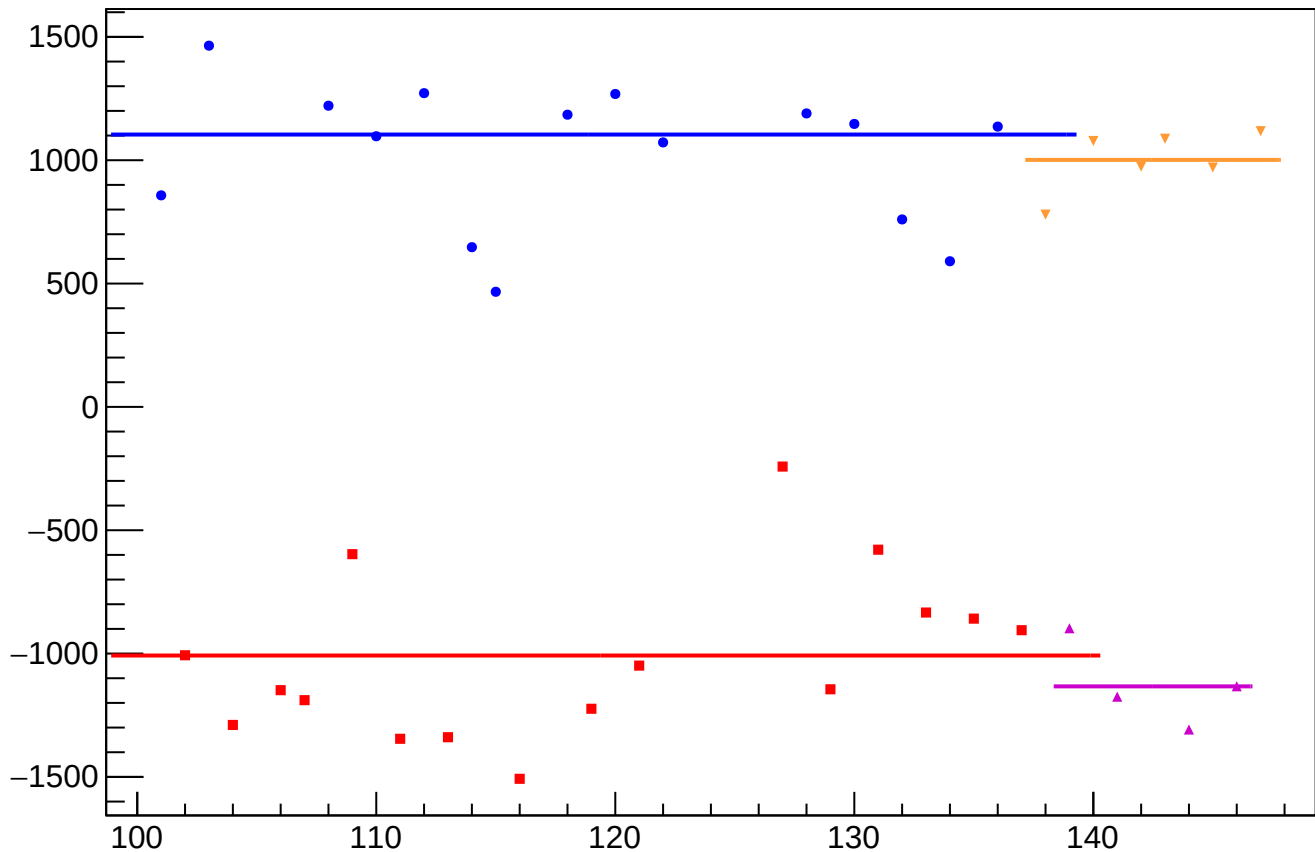
Right In: -72.949 $\pm$ 0.000 χ^2 /NDF: 65755428464857980306879126291087360.0/14
 Left Out: -71.909 $\pm$ 0.000 χ^2 /NDF: 59153964469085335830834095406972928.0/5
 Right Out: 68.324 $\pm$ 0.000 χ^2 /NDF: 106694344898202364483367131372584960.0/15
 Left In: 80.491 $\pm$ 0.000 χ^2 /NDF: 7123821578661689894199711441616896.0/3
 All: -2.699 $\pm$ 0.000 χ^2 /NDF: 1121450129955

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.734+/-0.000 χ^2/NDF : 130095962449805813243336867184640.0/5
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.579+/-0.000 χ^2/NDF : 19262521082795360006911895273472.0/3
 All: 0.119+/-0.000 χ^2/NDF : 3056304449514

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000

χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: -1007.906+/-0.000

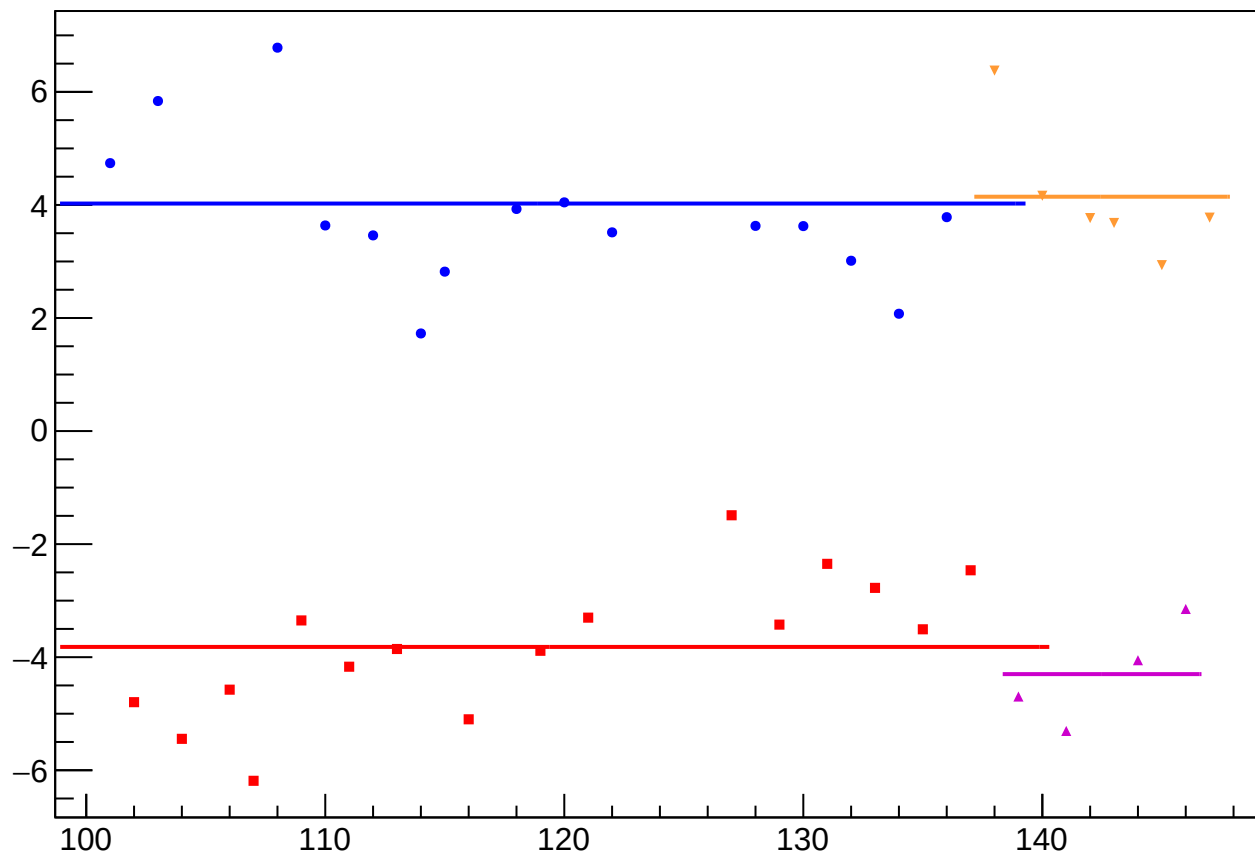
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1132.976+/-0.000

χ^2/NDF : 7365606445432876158809673715909918720.0/3

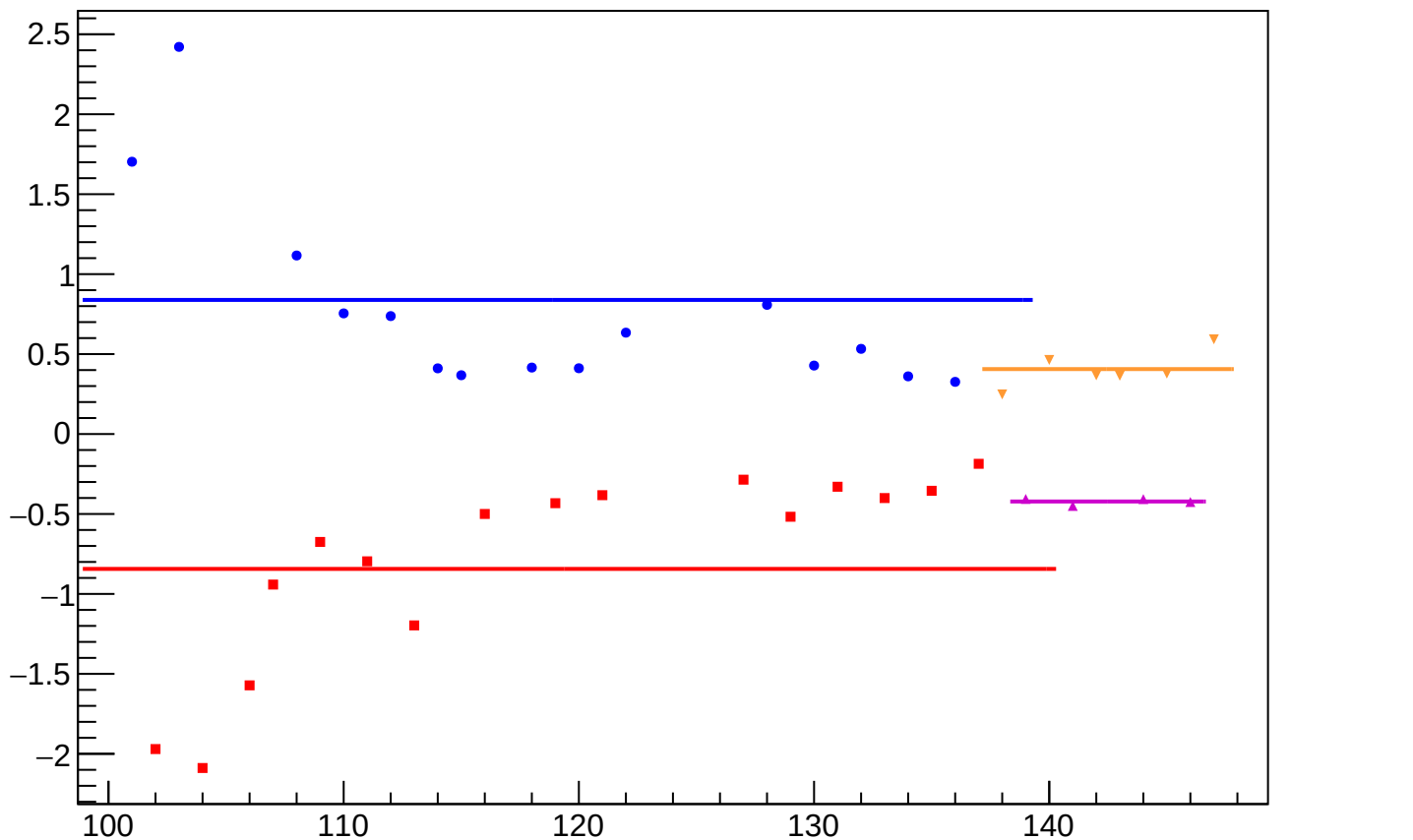
All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_4aY_coil3_mean vs Slug, Sign Corrected



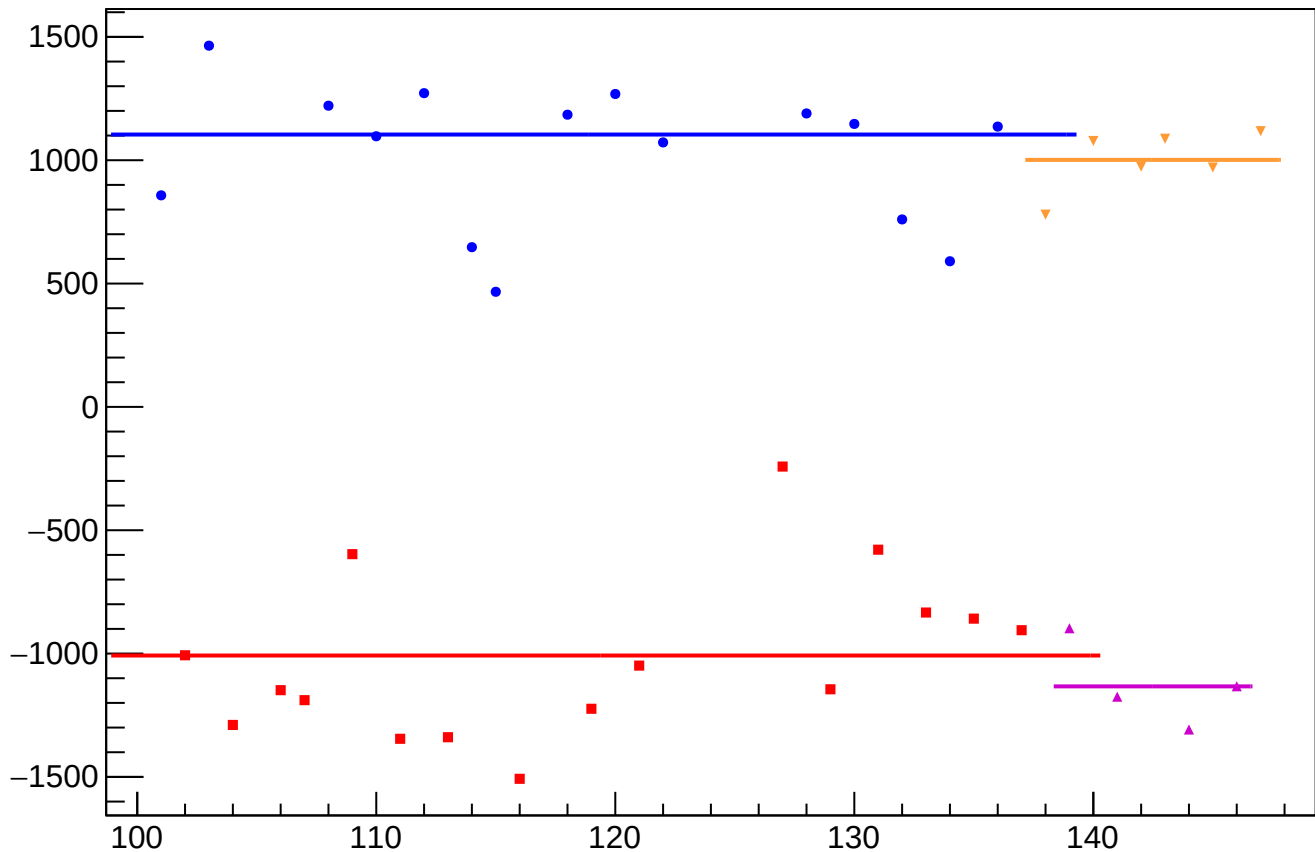
Right In: 4.025 $\pm$ 0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Left Out: 4.146 $\pm$ 0.000 χ^2/NDF : 538647049325648063784147008618496.0/5
 Right Out: -3.819 $\pm$ 0.000 χ^2/NDF : 888232240226434329114859171479552.0/15
 Left In: -4.300 $\pm$ 0.000 χ^2/NDF : 214272979352493635118245231984640.0/3
 All: 0.193 $\pm$ 0.000 χ^2/NDF : 36244192989361

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



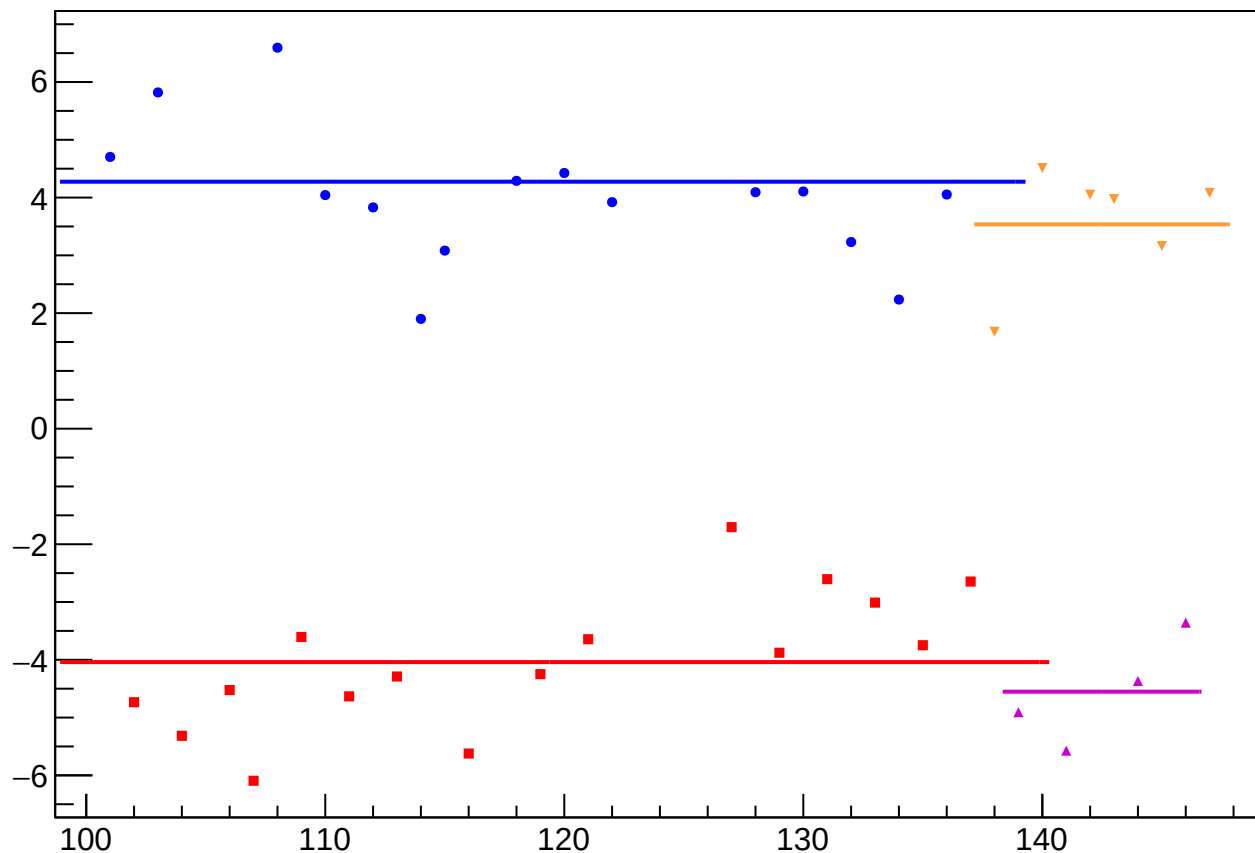
Right In: 0.839 +/- 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.406 +/- 0.000 χ^2/NDF : 5180045475246633366034145345536.0/5
 Right Out: -0.844 +/- 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: -0.422 +/- 0.000 χ^2/NDF : 106209850688097666286930100224.0/3
 All: 0.007 +/- 0.000 χ^2/NDF : 15790605384890

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



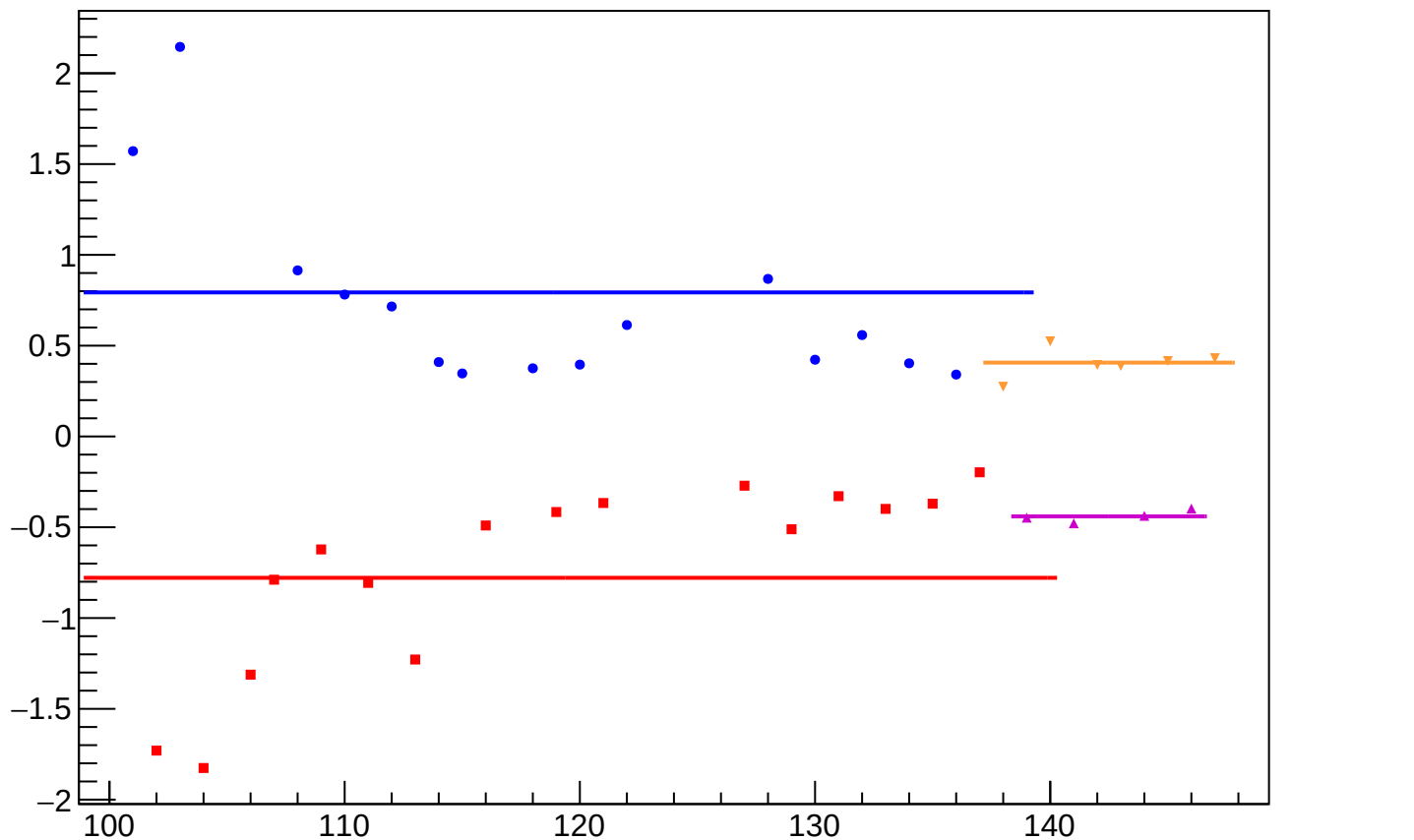
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_4eY_coil3_mean vs Slug, Sign Corrected



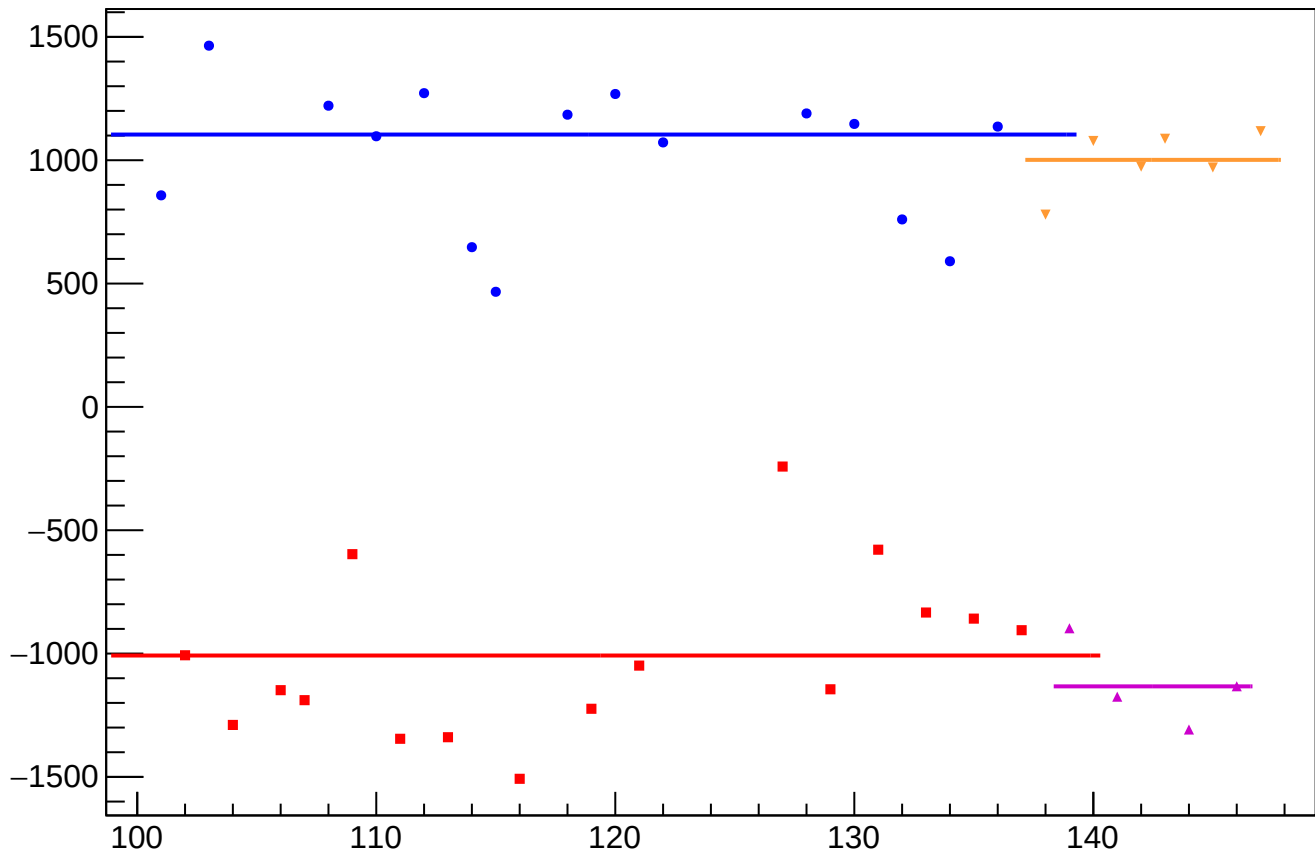
Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.536+/-0.000 χ^2/NDF : 406887513685155289666389798813696.0/5
 Right Out: -4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: -4.552+/-0.000 χ^2/NDF : 220337943309028883584807751122944.0/3
 All: 0.033+/-0.000 χ^2/NDF : 37140996369550

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



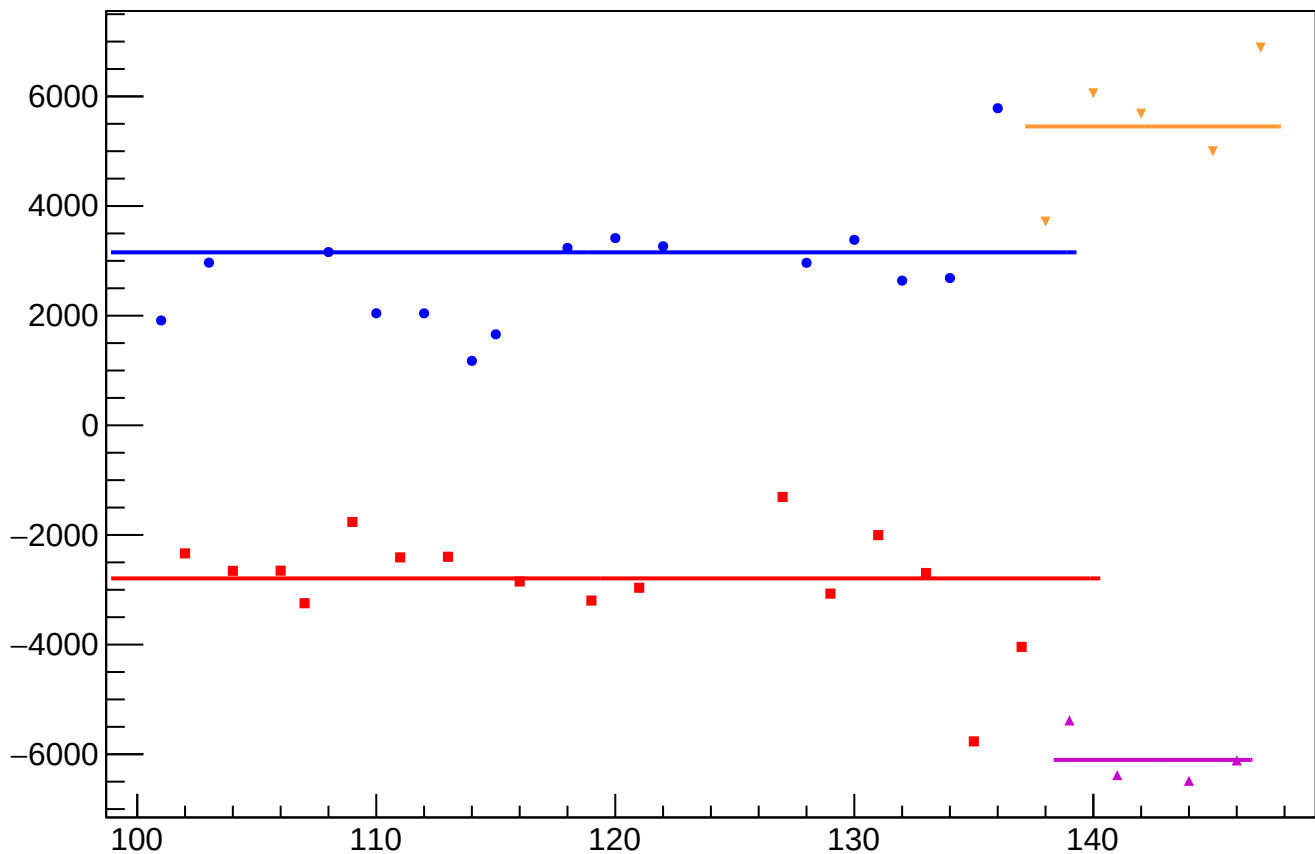
Right In: 0.793 +/- 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.407 +/- 0.000 χ^2/NDF : 2587369286331032748568661196800.0/5
 Right Out: -0.778 +/- 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: -0.440 +/- 0.000 χ^2/NDF : 283129304965383099258977124352.0/3
 All: 0.011 +/- 0.000 χ^2/NDF : 13333483579434.0/14

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



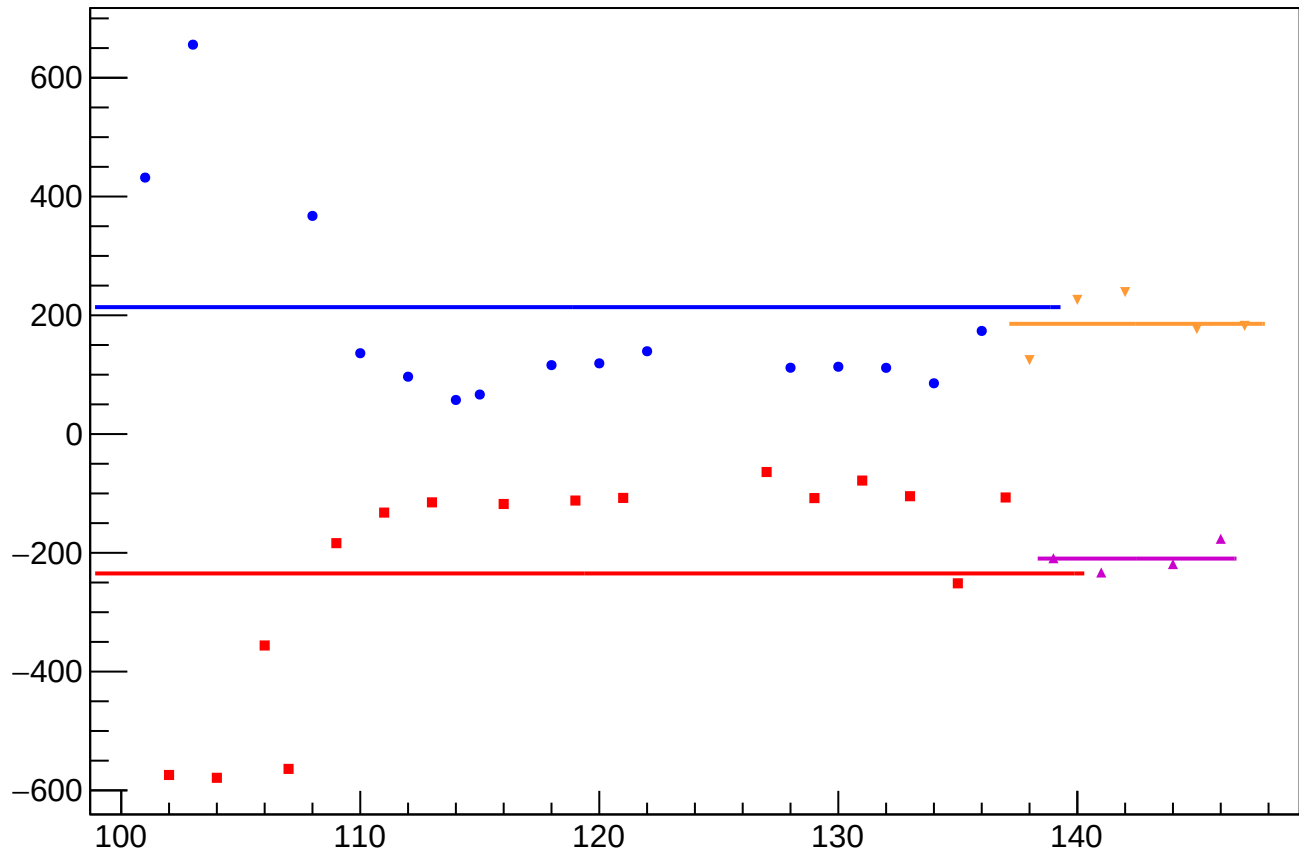
Left: 64.529+/-0.000 χ^2/NDF : 87727681472623510
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 In: 338.016+/-0.000 χ^2/NDF : 11523731259546700
 Out: -218.053+/-0.000 χ^2/NDF : 113366008211945
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_usl_coil3_mean vs Slug, Sign Corrected



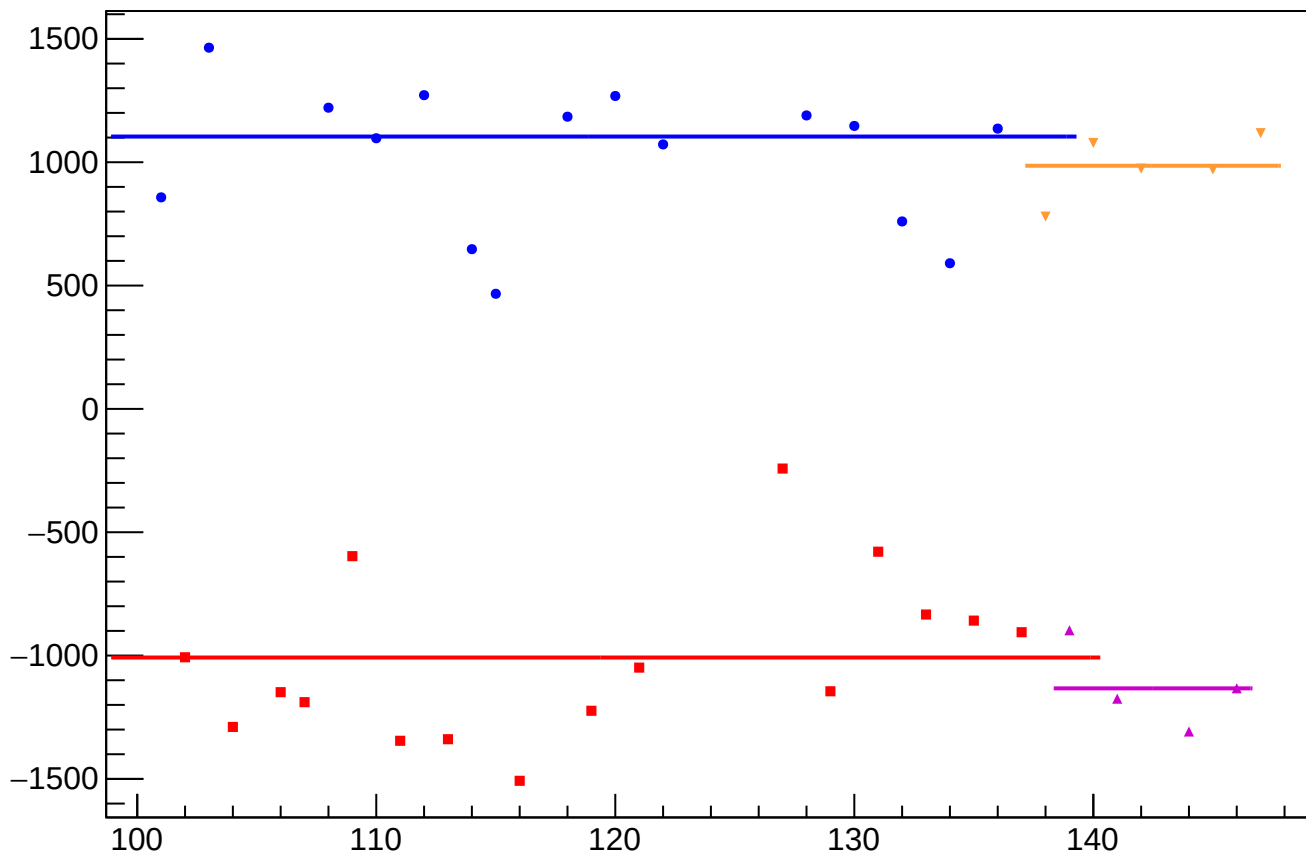
Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5451.760+/-0.000 χ^2/NDF : 445429395146106138163415979121837080576.0/4
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6103.037+/-0.000 χ^2/NDF : 61498107024601453350059433537243709440.0/3
 All: 55.728+/-0.000 χ^2/NDF : 3717905695952

dit_usl_coil3_err_mean vs Slug, Sign Corrected



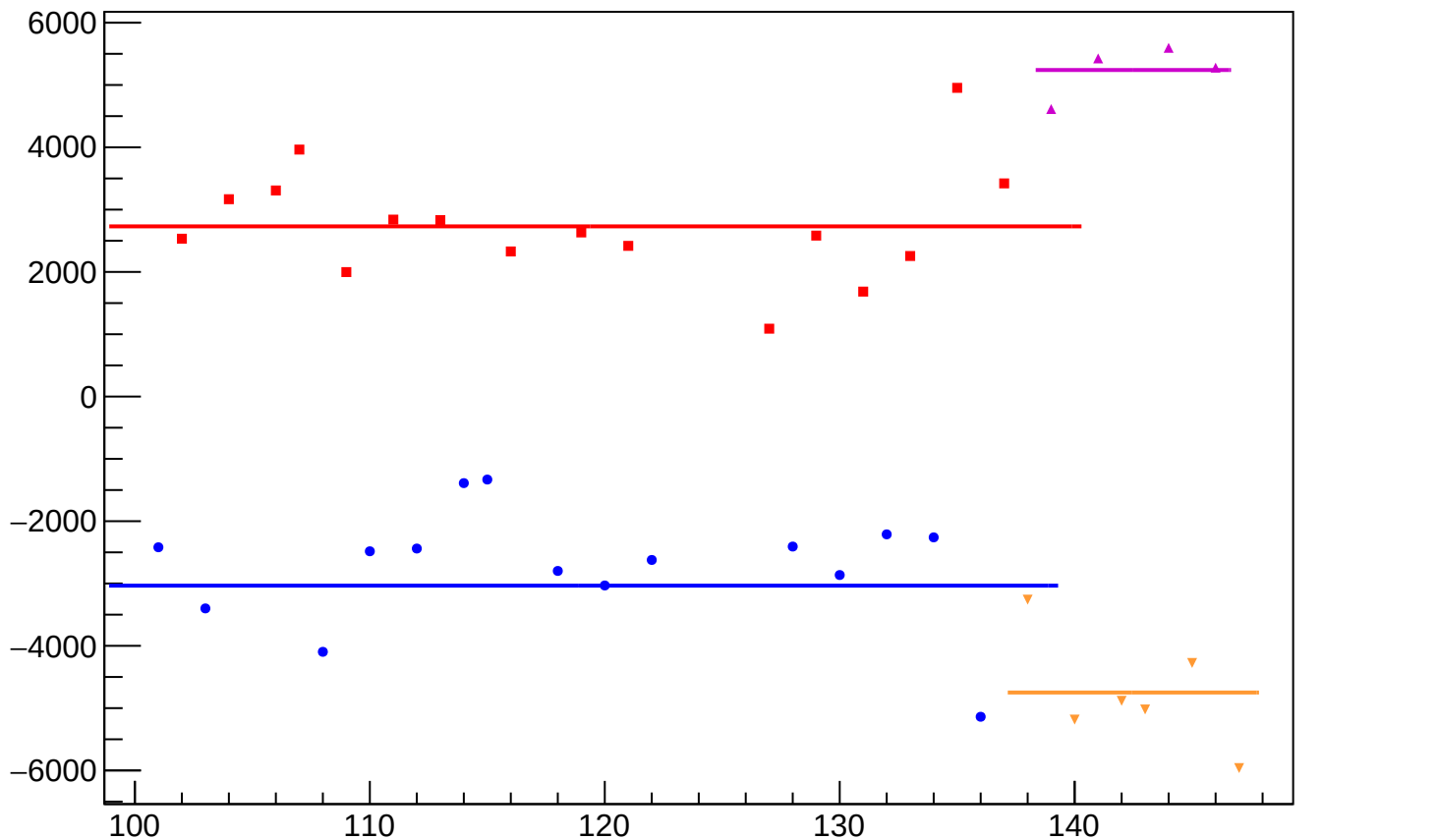
Left: -4.420+/-0.000 χ^2/NDF : 28136333459562900
 Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 185.652+/-0.000 χ^2/NDF : 563436223406245984956257598267457536.0/4
 Right Out: -234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: -209.675+/-0.000 χ^2/NDF : 146567612533743304687809933409779712.0/3
 All: -10.373+/-0.000 χ^2/NDF : 138058214555

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Left: -32.925 ± 0.000 $\chi^2/\text{NDF}: 8005471536202682$
 Right In: 1104.111 ± 0.000 $\chi^2/\text{NDF}: 32737841591587454251521906421545304064.0/14$
 Left Out: 985.753 ± 0.000 $\chi^2/\text{NDF}: 5400783789438814888402457502041505792.0/4$
 Right Out: -1007.906 ± 0.000 $\chi^2/\text{NDF}: 69077878009873965622695939627477368832.0/15$
 Left In: -1132.976 ± 0.000 $\chi^2/\text{NDF}: 7365606445432876158809673715909918720.0/3$
 All: 10.475 ± 0.000 $\chi^2/\text{NDF}: 2371661664642$

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -4749.182+/-0.000

Right Out: 2731.035+/-0.000

Left In: 5240.279+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 3274040738786484925247064544574753999680.0/5

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 46099785238224771182298050942136745984.0/3

Left: -364.198+/-0.000 χ^2/NDF : 192966744408968

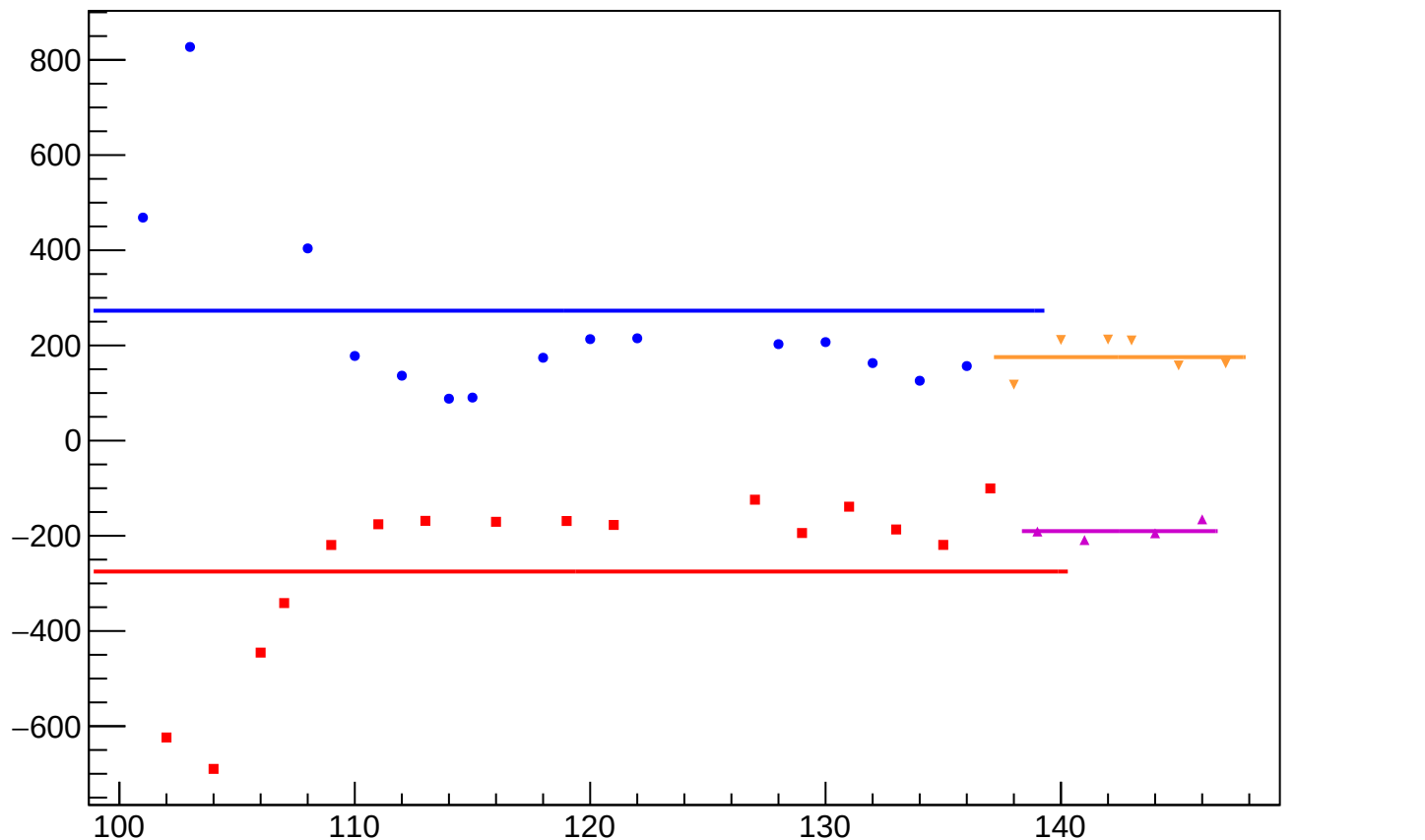
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: -200.804+/-0.000 χ^2/NDF : 1589487773426959

Out: -209.324+/-0.000 χ^2/NDF : 155260386112025

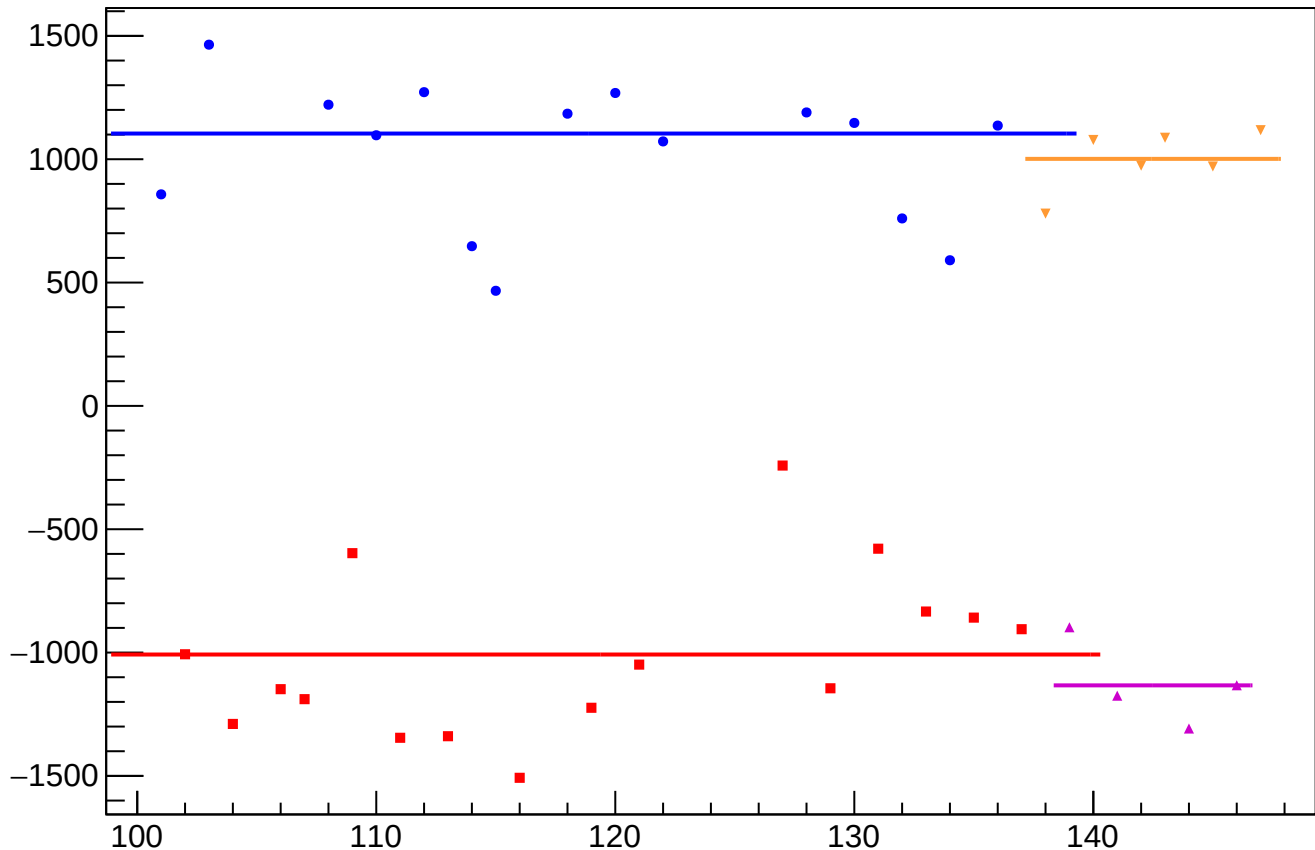
All: -205.293+/-0.000 χ^2/NDF : 31420954087

dit_usr_coil3_err_mean vs Slug, Sign Corrected



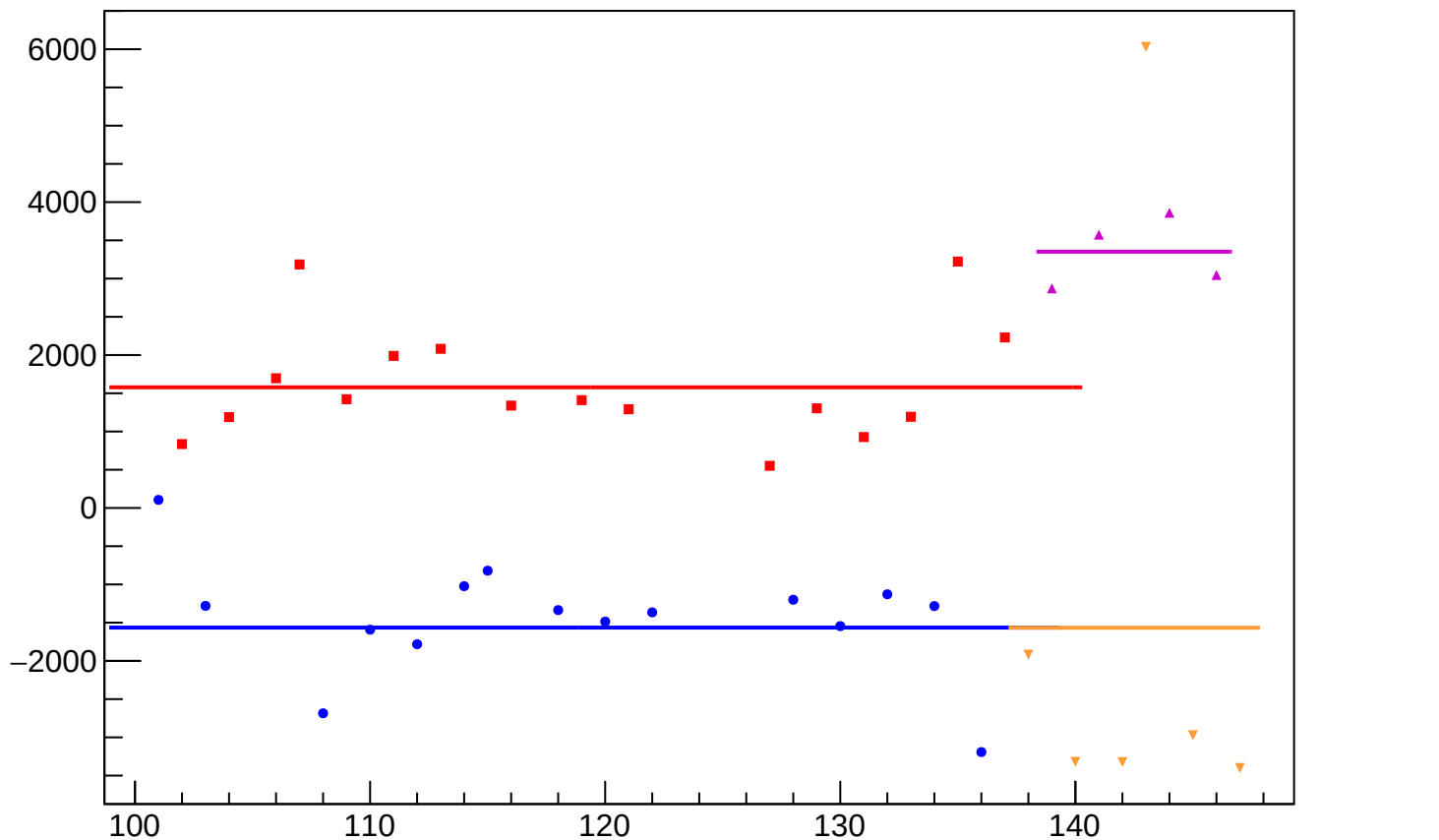
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14
 Left Out: 175.508+/-0.000 χ^2/NDF : 550896574250774098727532547931111424.0/5
 Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15
 Left In: -190.154+/-0.000 χ^2/NDF : 82716090167097323856047377305567232.0/3
 All: 2.539+/-0.000 χ^2/NDF : 17374016957424

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -1566.424+/-0.000

Right Out: 1578.178+/-0.000

Left In: 3352.026+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 4692726219348206906602115719470530953216.0/5

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 53653018169596677196823014636781568000.0/3

Left: 592.584+/-0.000 χ^2/NDF : 9333774996685756

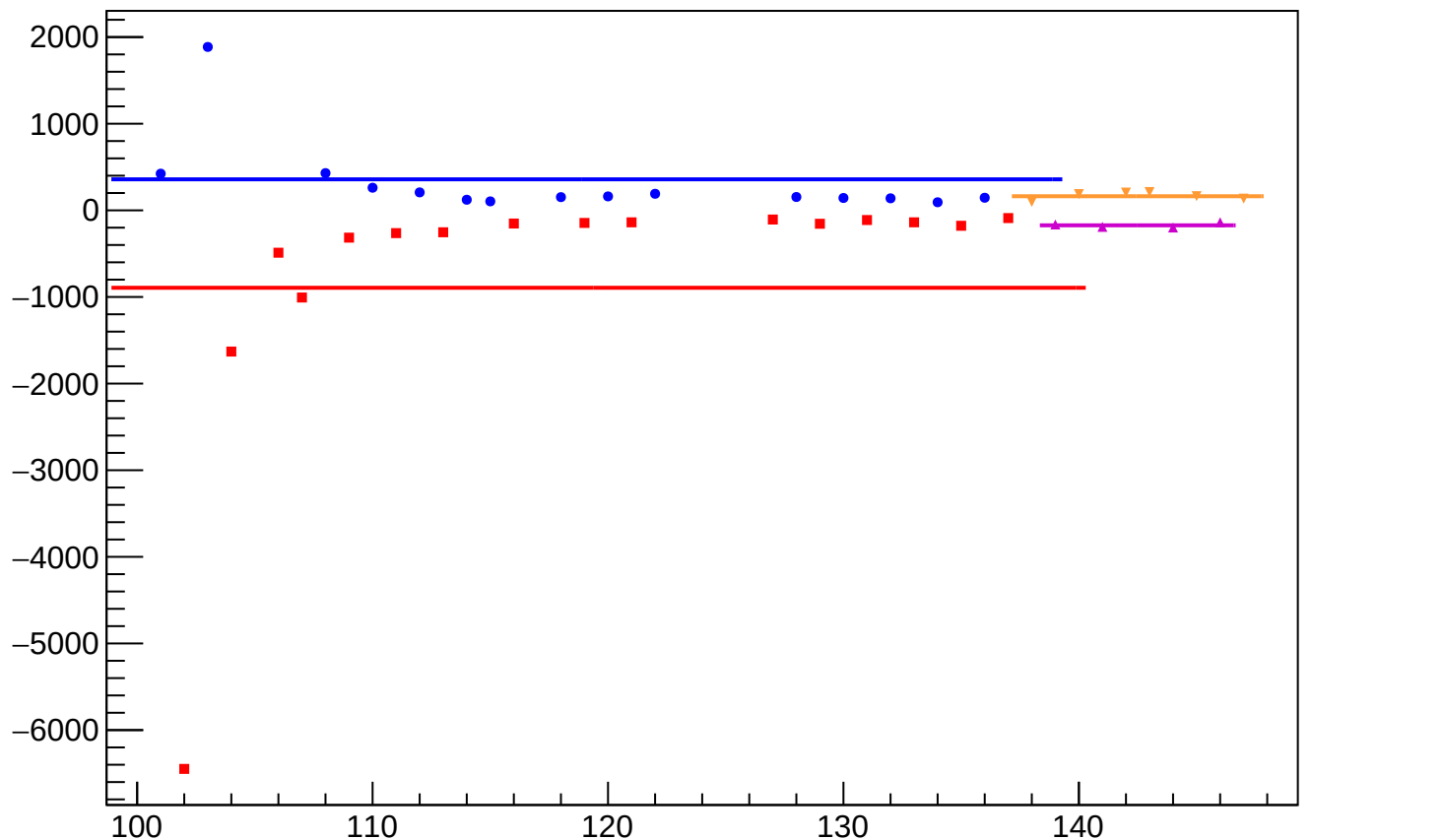
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: 119.111+/-0.000 χ^2/NDF : 59100445903030725

Out: 342.083+/-0.000 χ^2/NDF : 7653822473136138

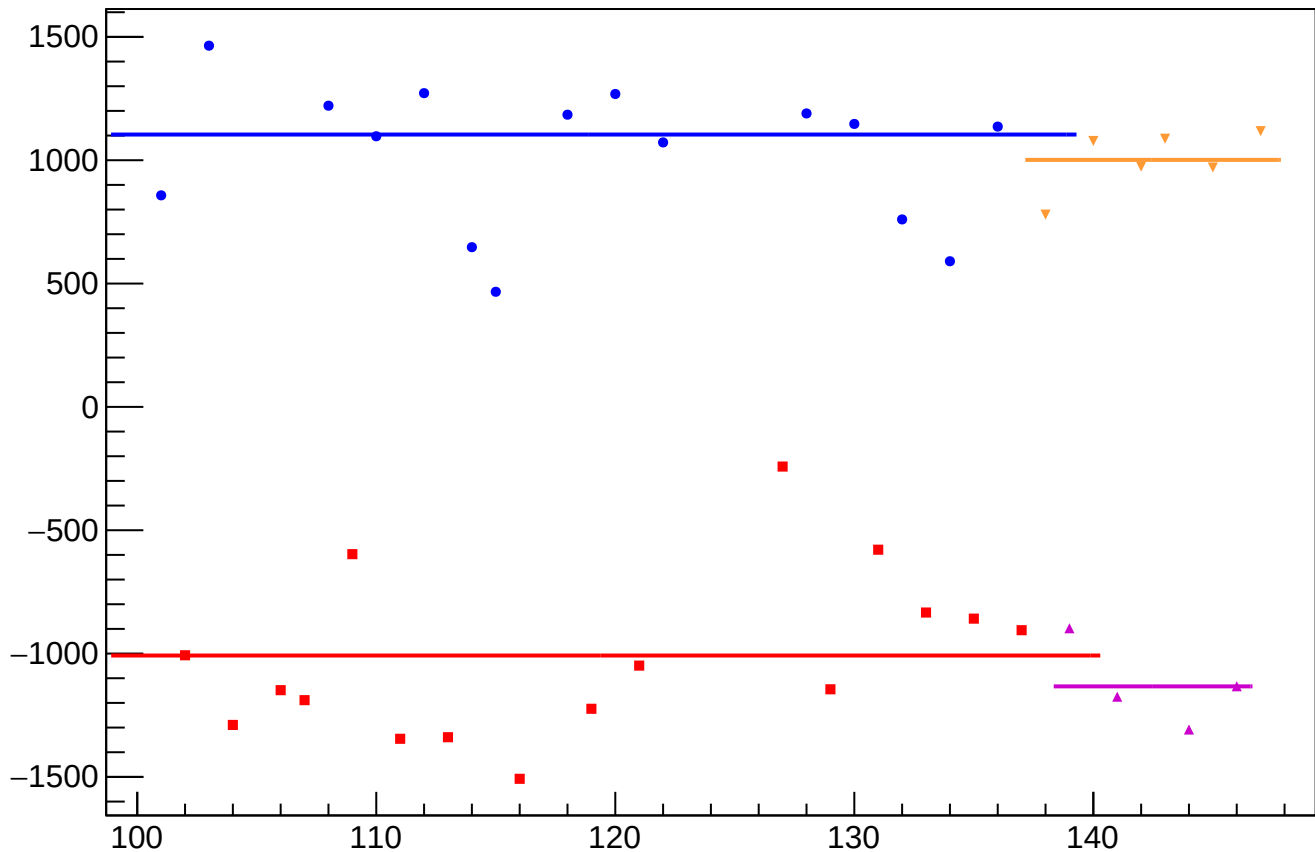
All: 236.583+/-0.000 χ^2/NDF : 135897195983

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



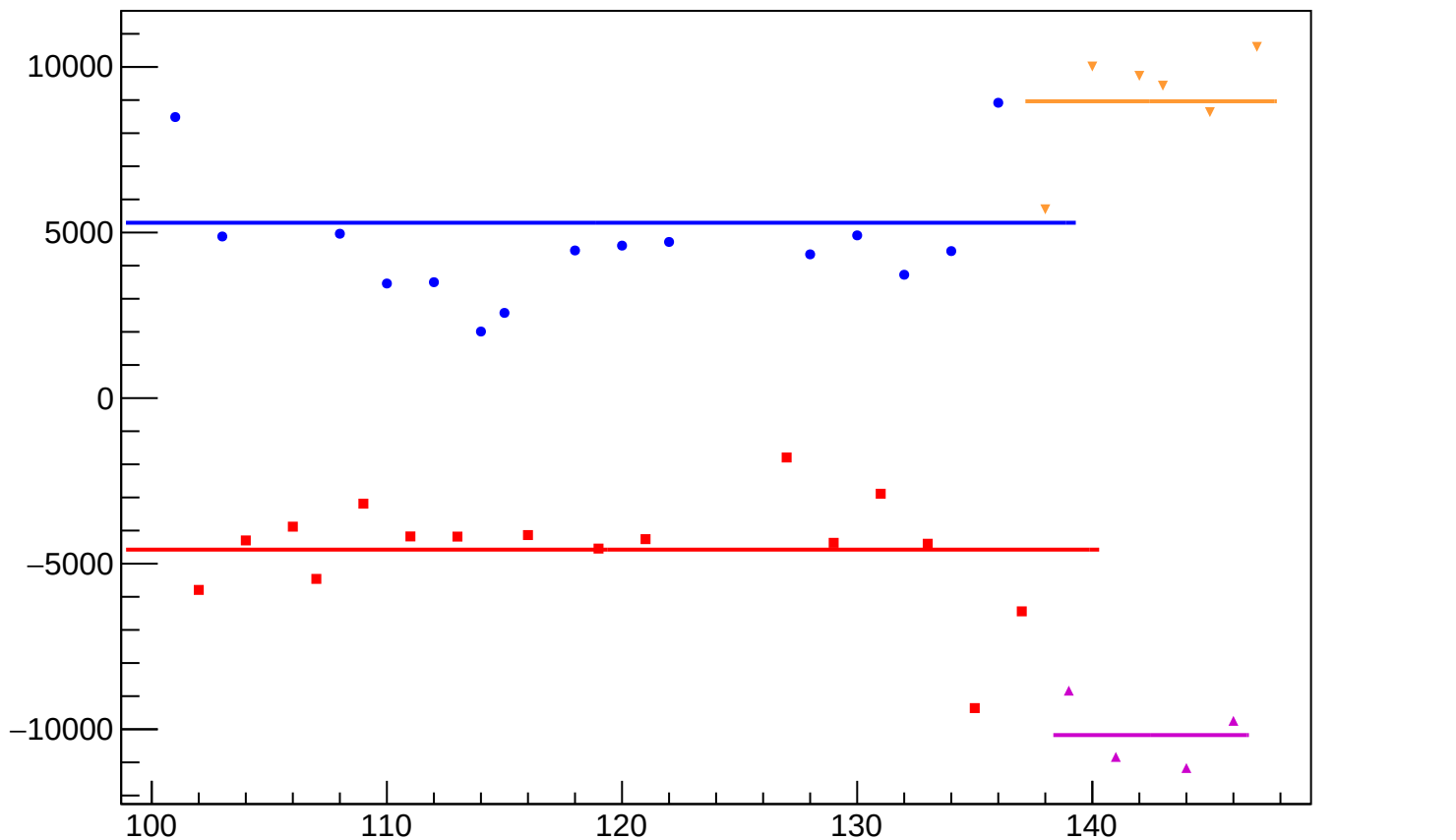
Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14
 Left Out: 162.769 +/- 0.000 χ^2/NDF : 685103819312784348460244943685812224.0/5
 Right Out: -893.897 +/- 0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15
 Left In: -172.927 +/- 0.000 χ^2/NDF : 194355057766580675769528393226256384.0/3
 All: -168.729 +/- 0.000 χ^2/NDF : 28130709828

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



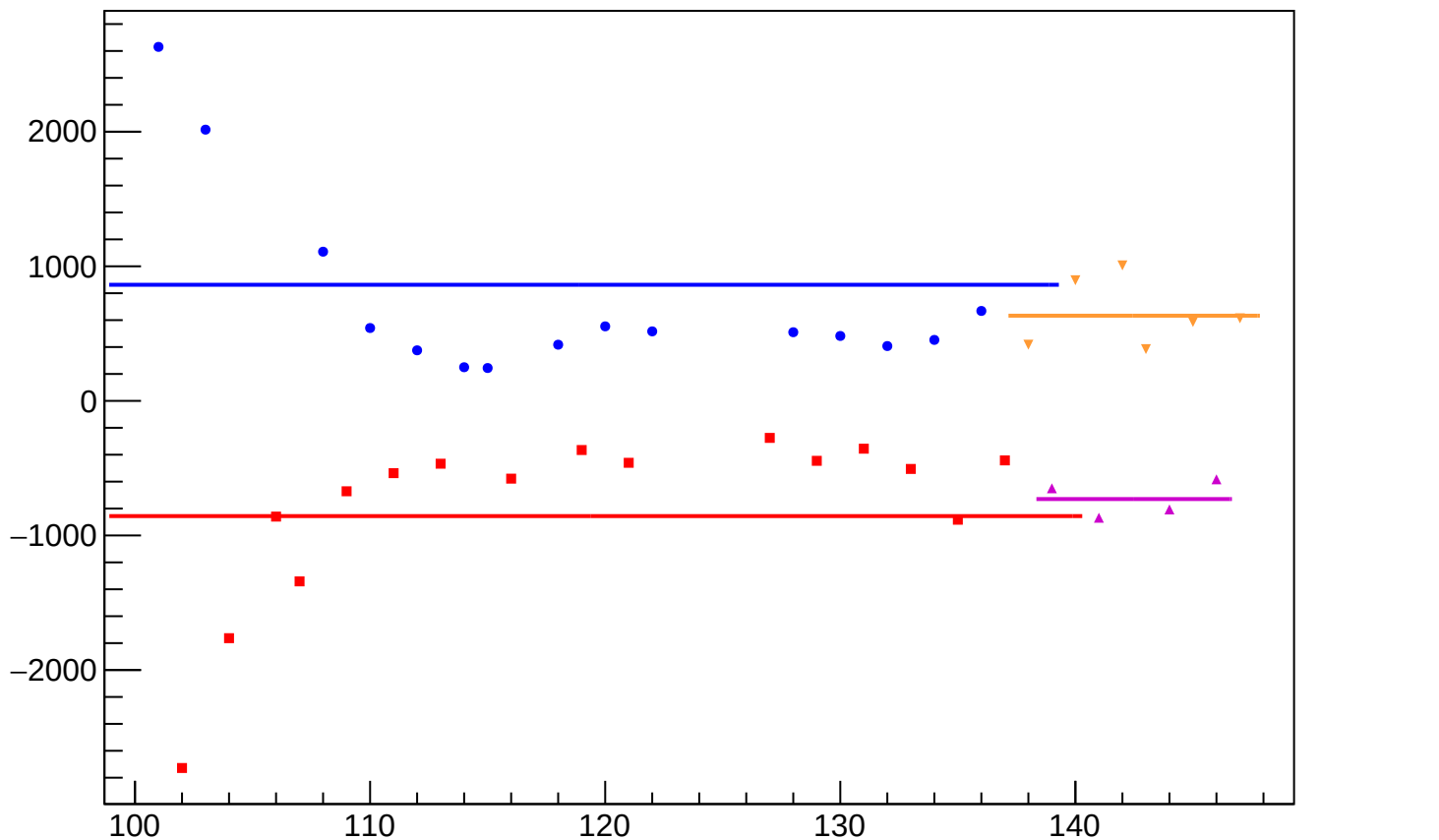
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_atl2_coil3_mean vs Slug, Sign Corrected



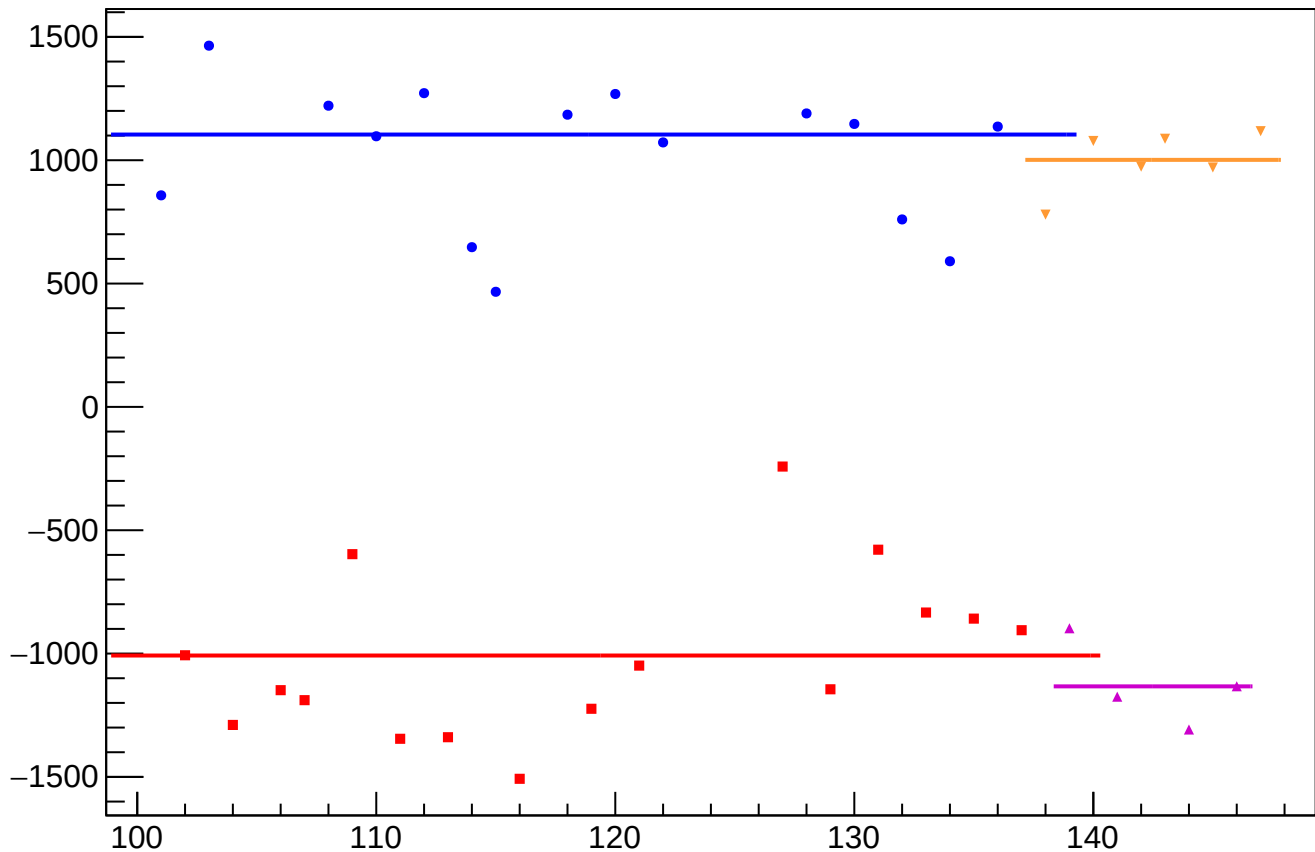
Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 8963.485 $\pm$ 0.000 χ^2 /NDF: 1181858907944419176151381575840082952192.0/5
 Right Out: -4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: -10175.684 $\pm$ 0.000 χ^2 /NDF: 286154796245747926365701998786207809536.0/3
 All: 392.095 $\pm$ 0.000 χ^2 /NDF: 107384715467

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



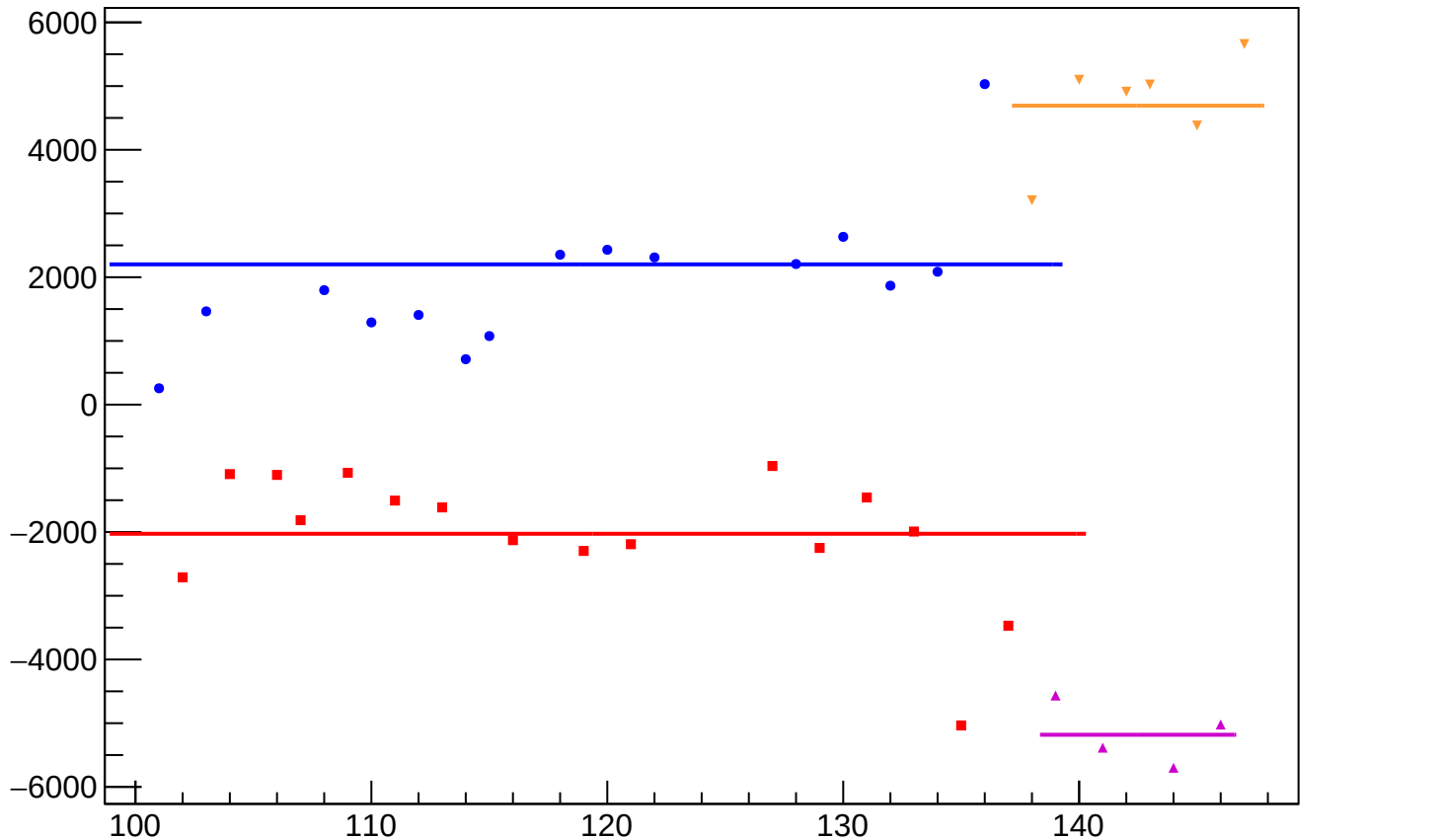
Left: 34.870 +/- 0.000 χ^2/NDF : 3765986679171263
 Right: -8.442 +/- 0.000 χ^2/NDF : 1636587396882894
 In: 317.415 +/- 0.000 χ^2/NDF : 9056174121385947
 Out: -270.745 +/- 0.000 χ^2/NDF : 928596765487537
 All: 7.545 +/- 0.000 χ^2/NDF : 20140973444010

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844+/-0.000

χ^2/NDF : 1086544775216266395419904724422998622208.0/14

Left Out: 4692.313+/-0.000

χ^2/NDF : 275833257954232815663920721772933021696.0/5

Right Out: -2026.969+/-0.000

χ^2/NDF : 708626456603410705124518299956645199872.0/15

Left In: -5181.860+/-0.000

χ^2/NDF : 60188455539474508006726896465727193088.0/3

Left: 357.935+/-0.000 χ^2/NDF : 1882492537953895

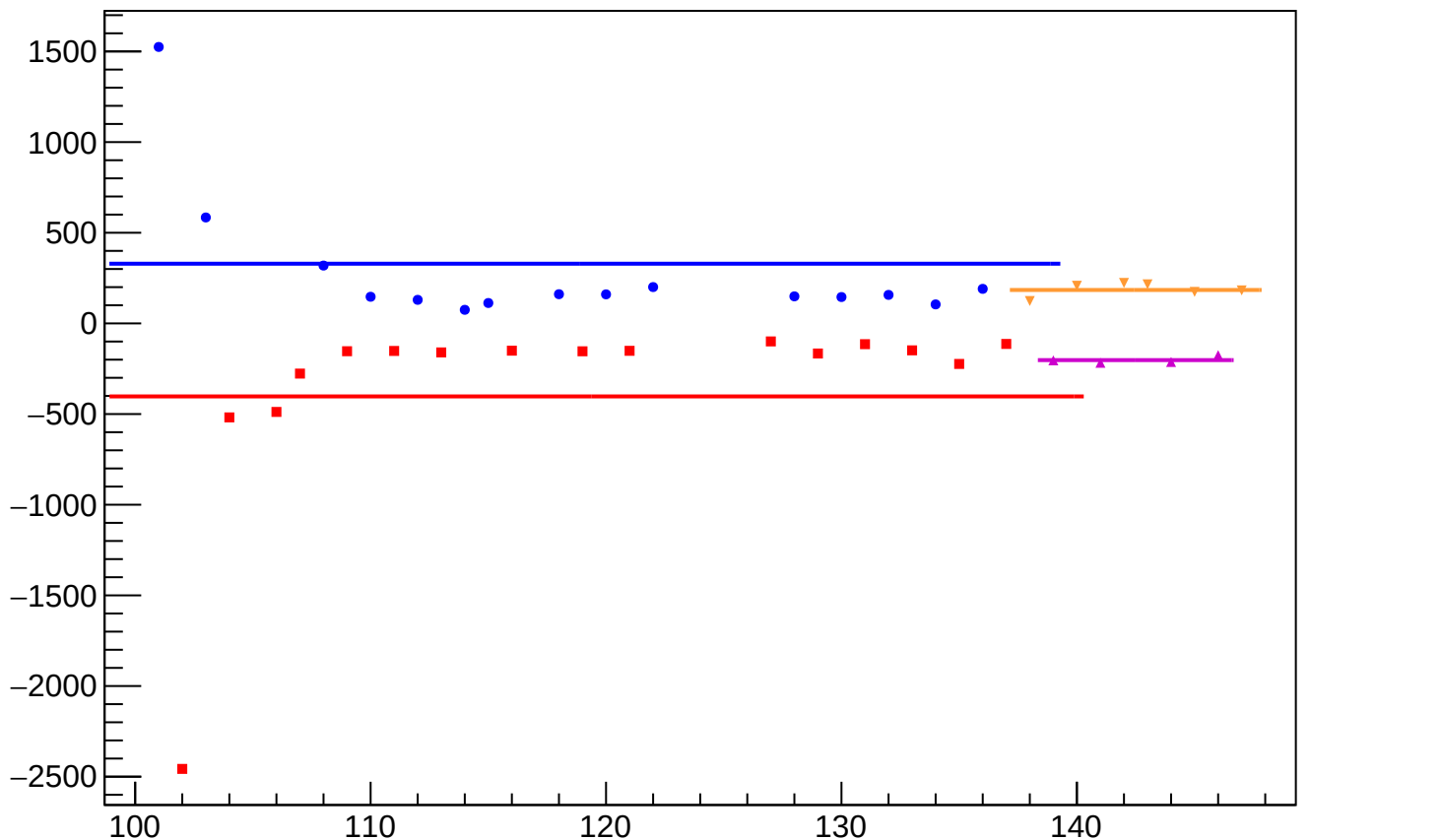
Right: 58.517+/-0.000 χ^2/NDF : 7677530711207331

In: -326.720+/-0.000 χ^2/NDF : 1326366836604326

Out: 614.277+/-0.000 χ^2/NDF : 1282189395920535

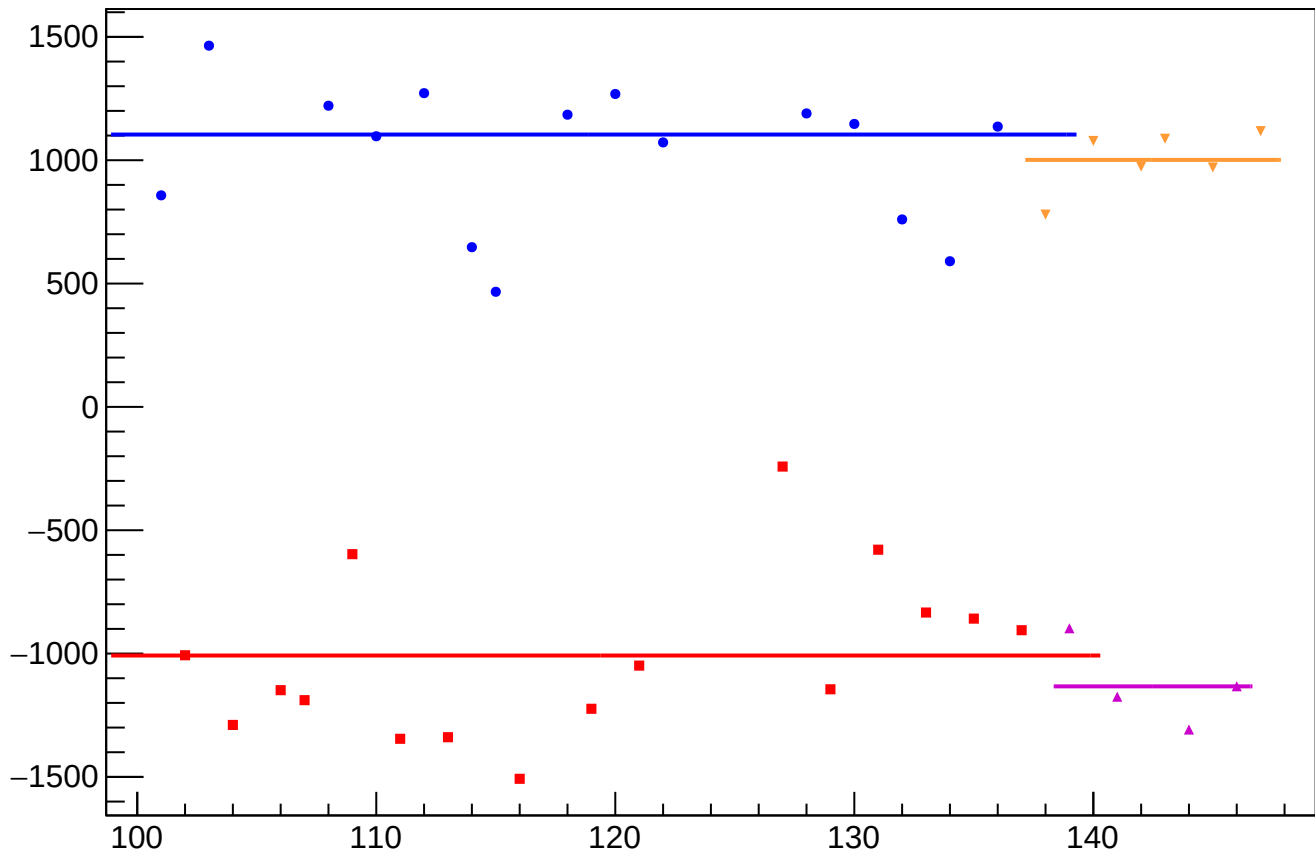
All: 169.040+/-0.000 χ^2/NDF : 265460062602

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



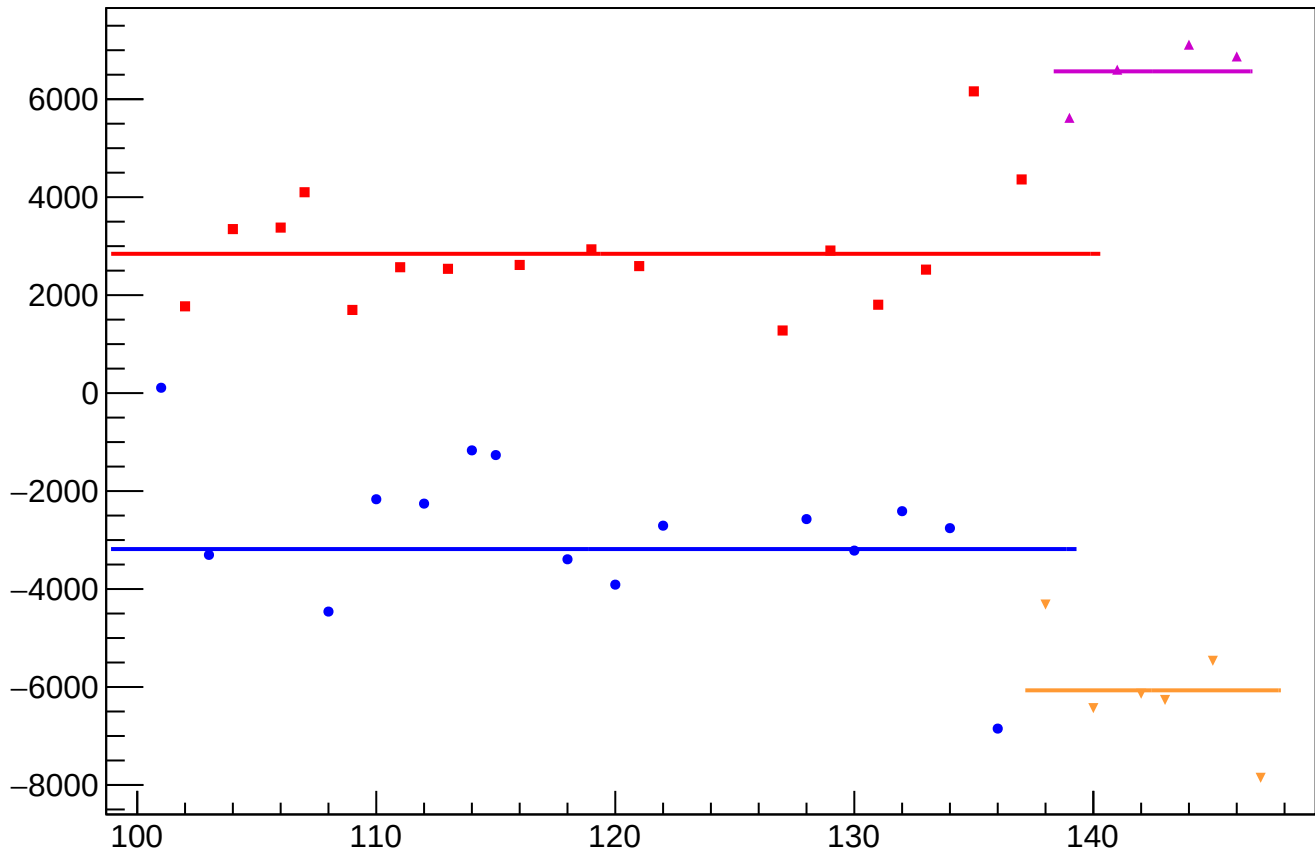
Right In: 329.229 +/- 0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Left Out: 184.345 +/- 0.000 χ^2/NDF : 478564939723702785391240586442309632.0/5
 Right Out: -402.690 +/- 0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15
 Left In: -202.451 +/- 0.000 χ^2/NDF : 90557227426131908314597663489130496.0/3
 All: -20.957 +/- 0.000 χ^2/NDF : 587614641055

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

Left Out: -6068.080+/-0.000

χ^2/NDF : 531071662864082636521204800976500817920.0/5

Right Out: 2843.597+/-0.000

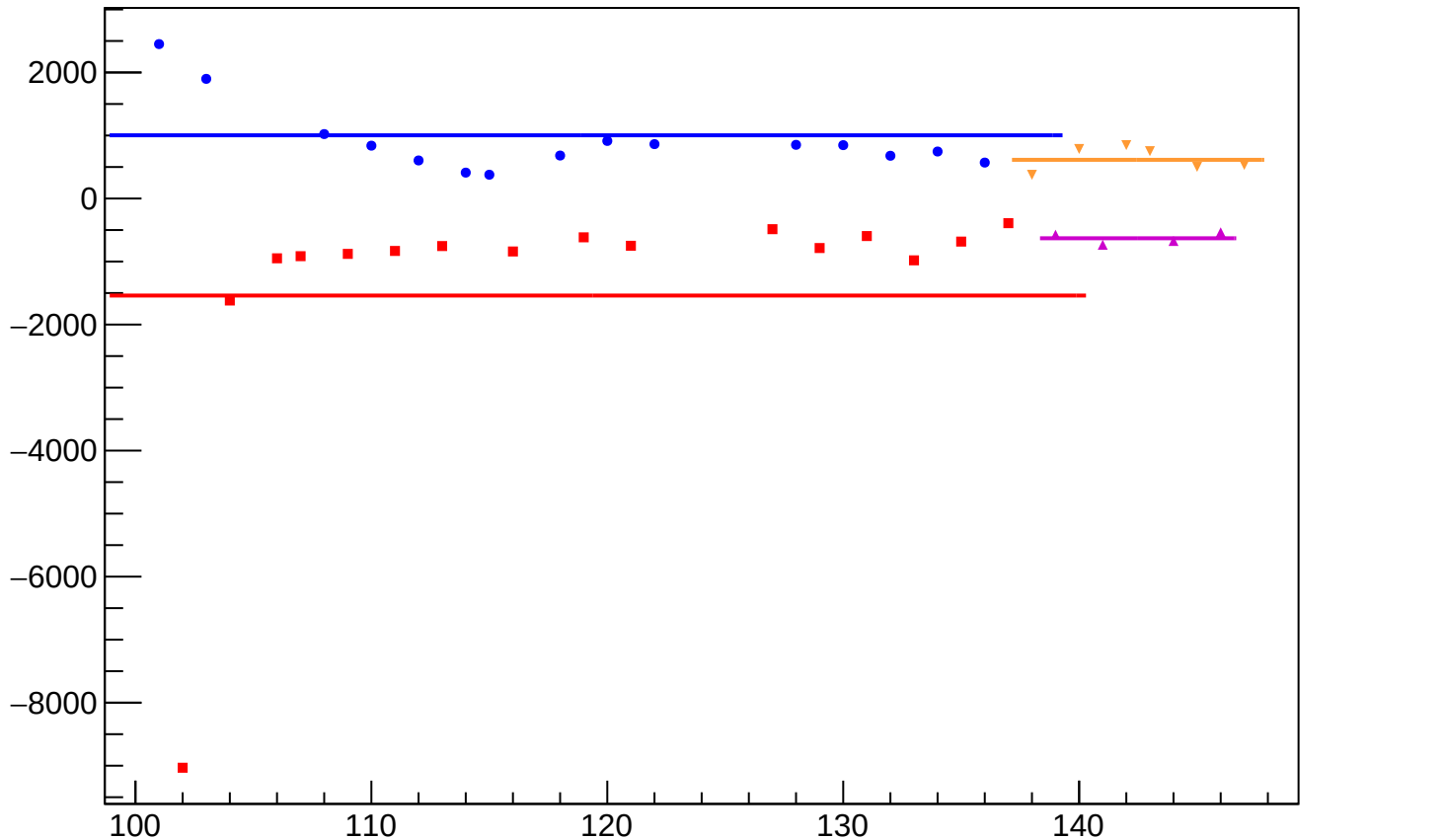
χ^2/NDF : 947077611563723244705531091944015396864.0/15

Left In: 6568.235+/-0.000

χ^2/NDF : 107013901602956212442754171177065775104.0/3

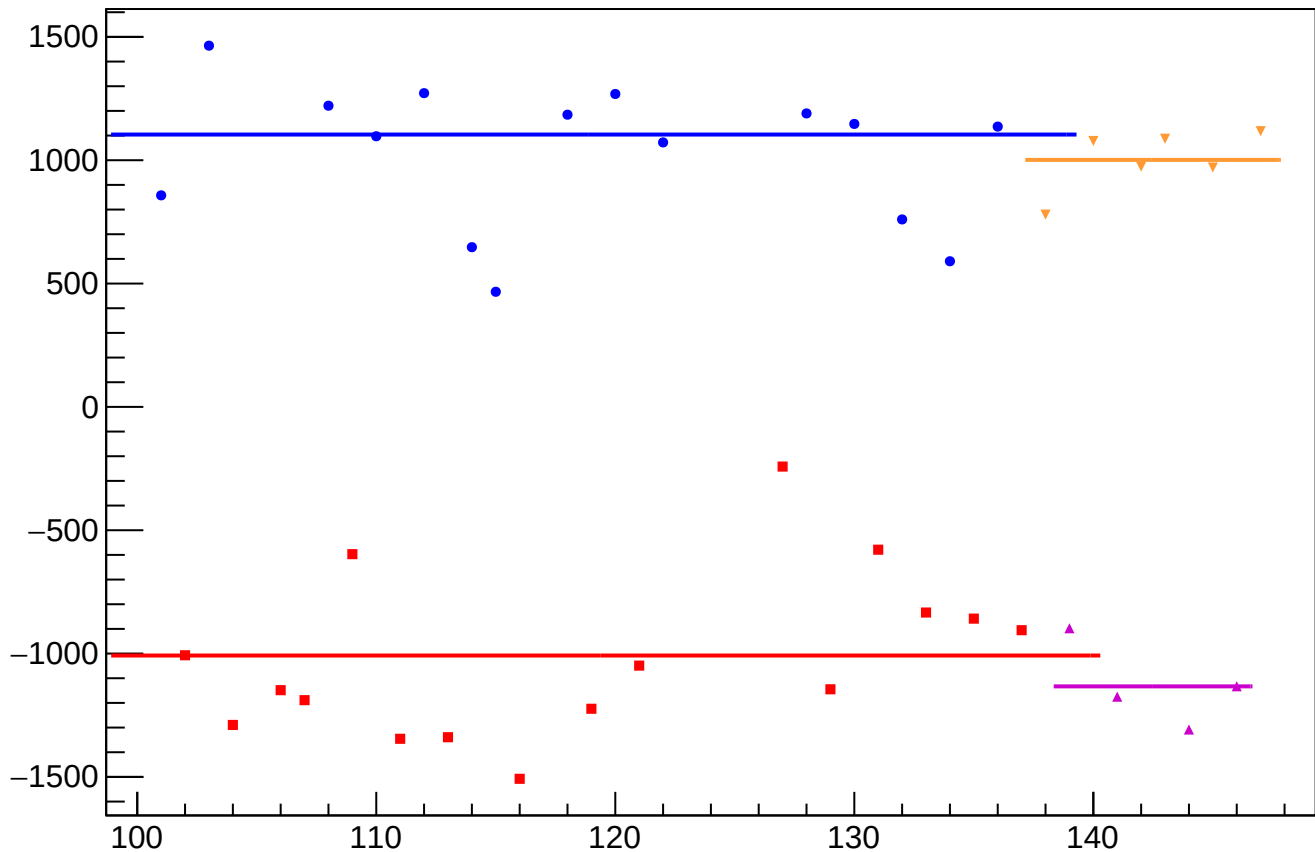
All: -273.748+/-0.000 χ^2/NDF : 46025154770

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



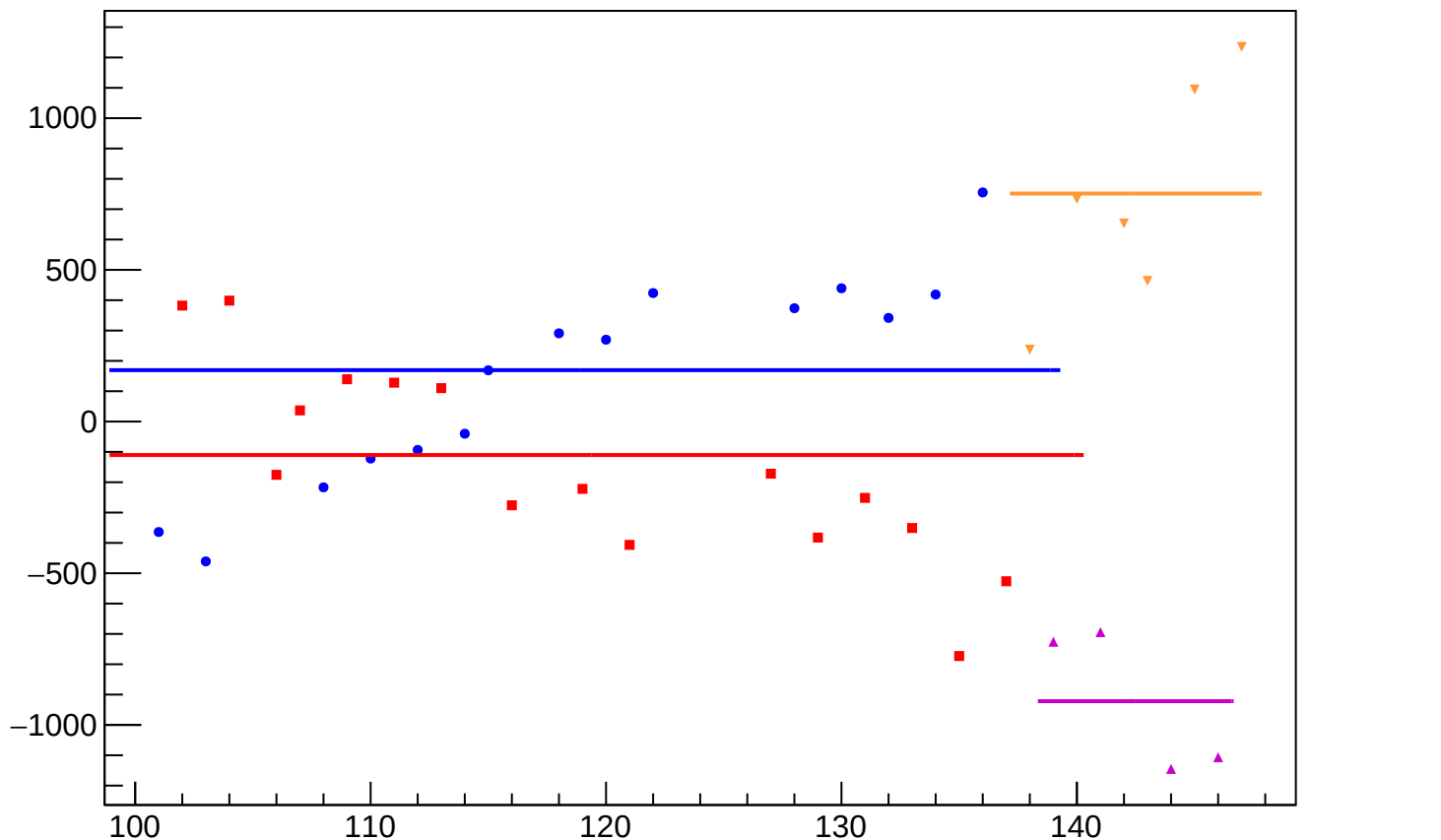
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 614.092+/-0.000 χ^2/NDF : 12136357087775092504783707020193693696.0/5
 Right Out: -1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -630.741+/-0.000 χ^2/NDF : 2072186715526836780327332255335710720.0/3
 All: -155.121+/-0.000 χ^2/NDF : 63303821794

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



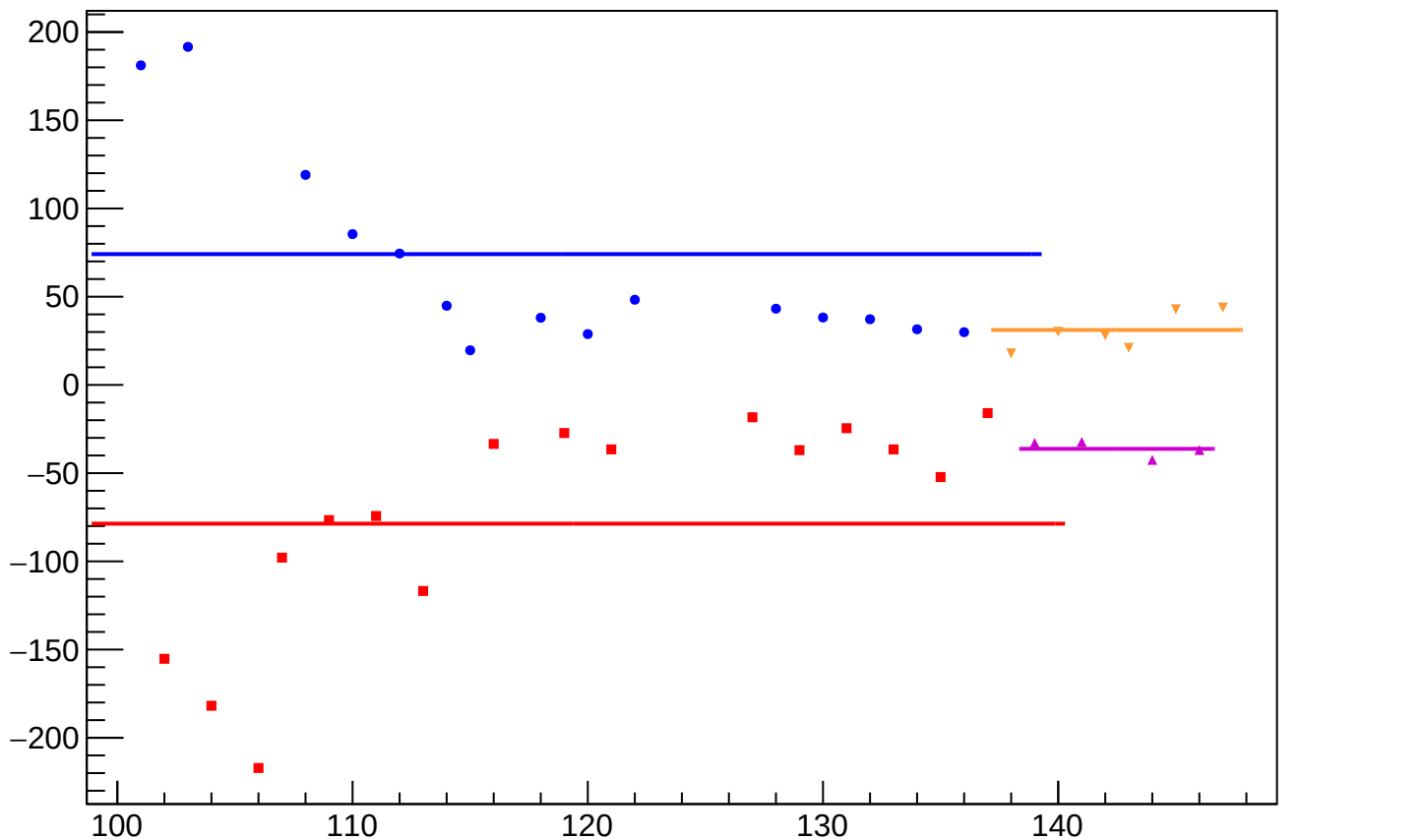
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam1_coil3_mean vs Slug, Sign Corrected



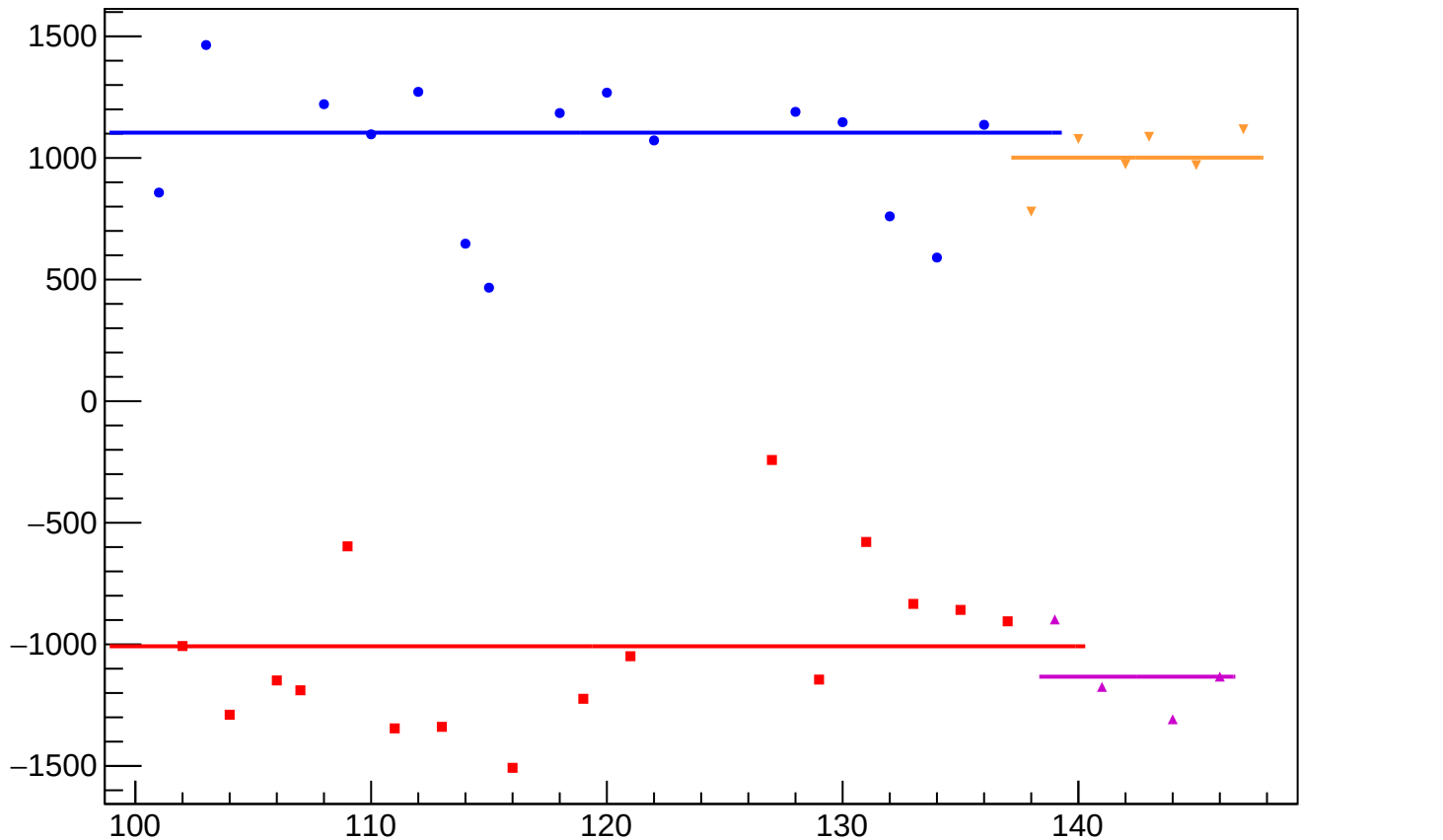
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14
 Left Out: 751.665+/-0.000 χ^2/NDF : 54449774385103095537173504429828079616.0/5
 Right Out: -110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15
 Left In: -921.685+/-0.000 χ^2/NDF : 14781180354292280940133779290923728896.0/3
 All: 23.790+/-0.000 χ^2/NDF : 7932261078150

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



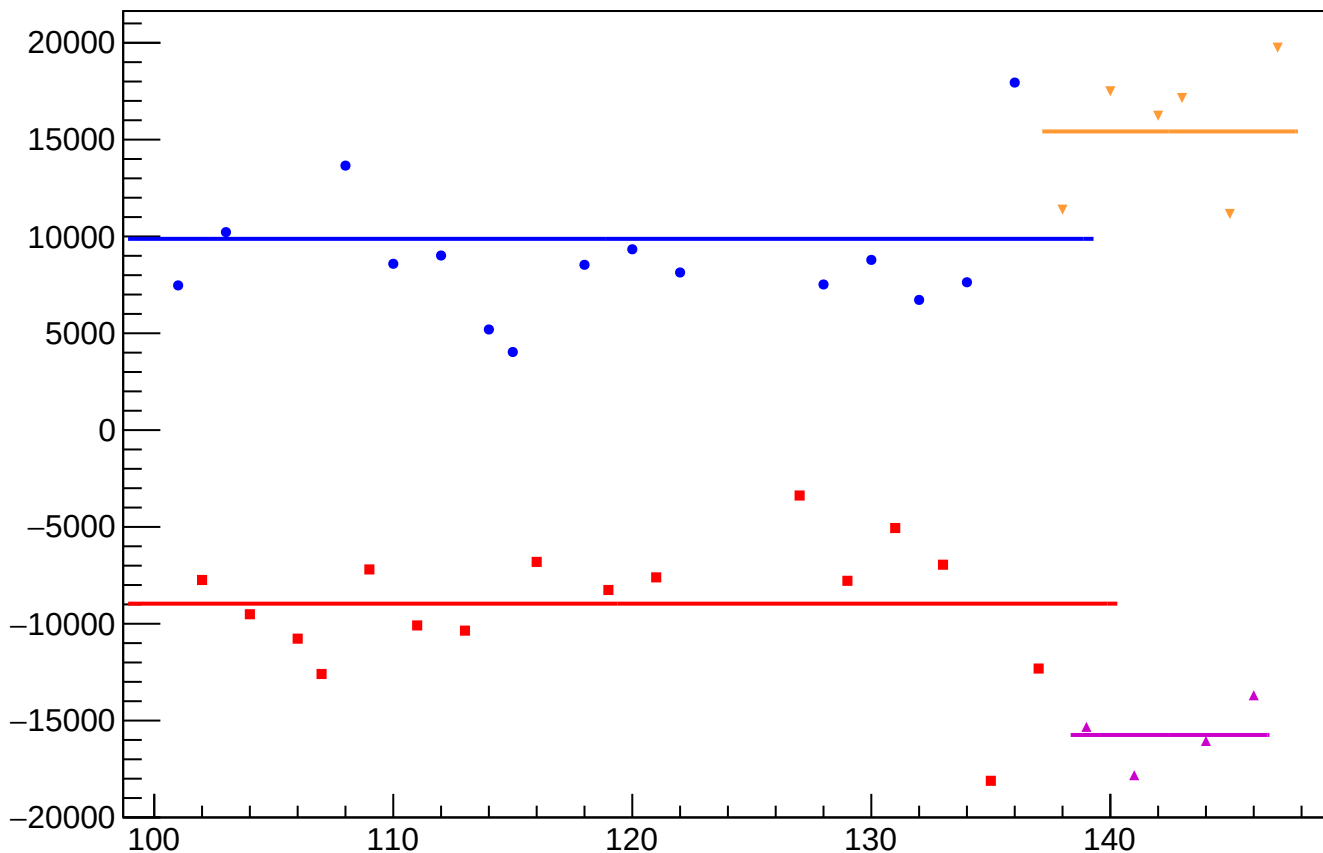
Left: 1.572 +/- 0.000 χ^2/NDF : 911339448826856340
 Right: -3.297 +/- 0.000 χ^2/NDF : 1218774471717801
 In: 36.337 +/- 0.000 χ^2/NDF : 488077156095242023
 Out: -35.481 +/- 0.000 χ^2/NDF : 5547774151971480
 All: -1.500 +/- 0.000 χ^2/NDF : 1311059962620

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000

χ^2/NDF : 8483360287053054122301651905797133697024.0/14

Left Out: 15422.798+/-0.000

χ^2/NDF : 4785075557858622525540331608409234210816.0/5

Right Out: -8961.593+/-0.000

χ^2/NDF : 7583728644146461427304320888408335450112.0/15

Left In: -15742.744+/-0.000

χ^2/NDF : 738103014395838627481142493433074548736.0/3

Left: 1742.339+/-0.000

χ^2/NDF : 189710221777422.0/14

Right: 328.637+/-0.000

χ^2/NDF : 132799081917308.0/5

In: 1103.162+/-0.000

χ^2/NDF : 1550954606118313.0/15

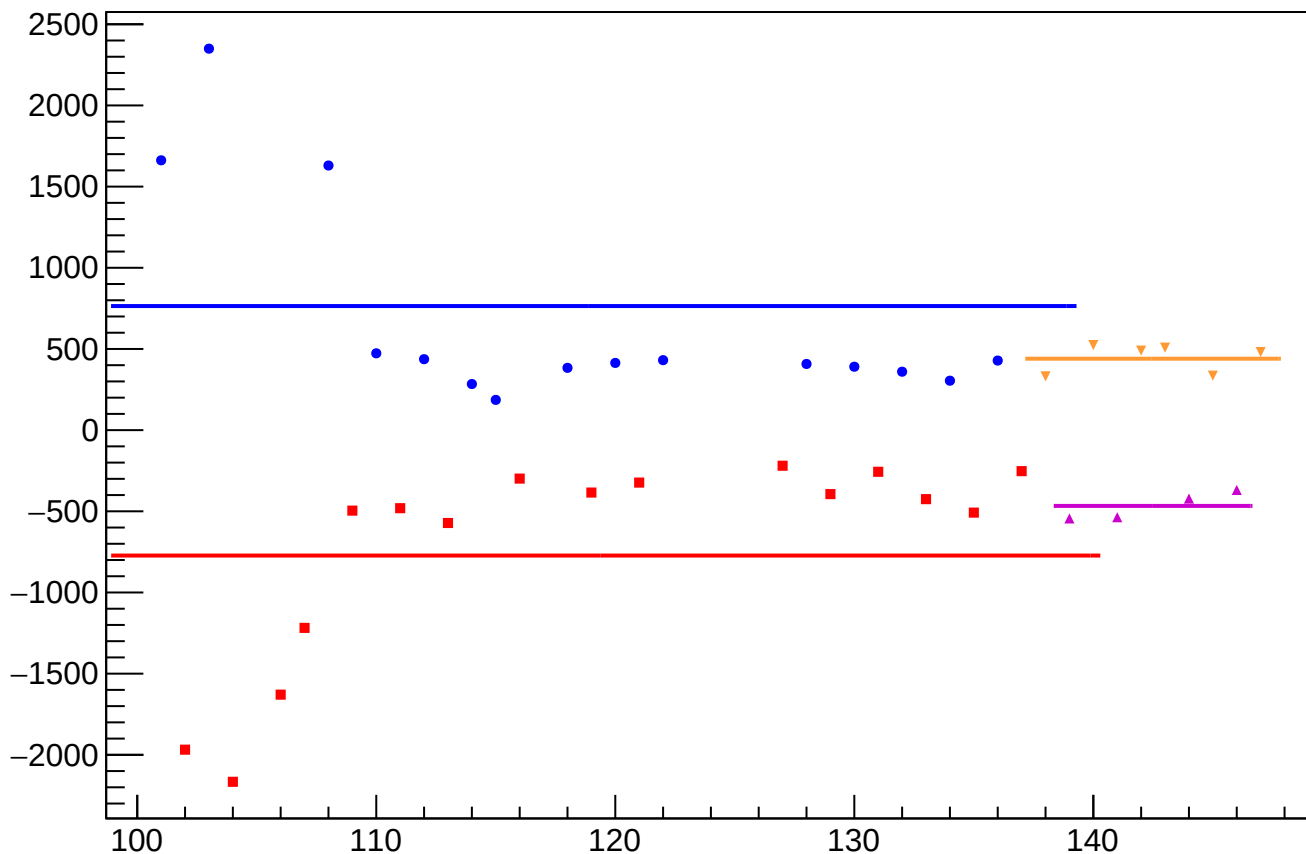
Out: 623.536+/-0.000

χ^2/NDF : 1682650643705545.0/3

All: 850.473+/-0.000

χ^2/NDF : 323480145435.0/3

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284 +/- 0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

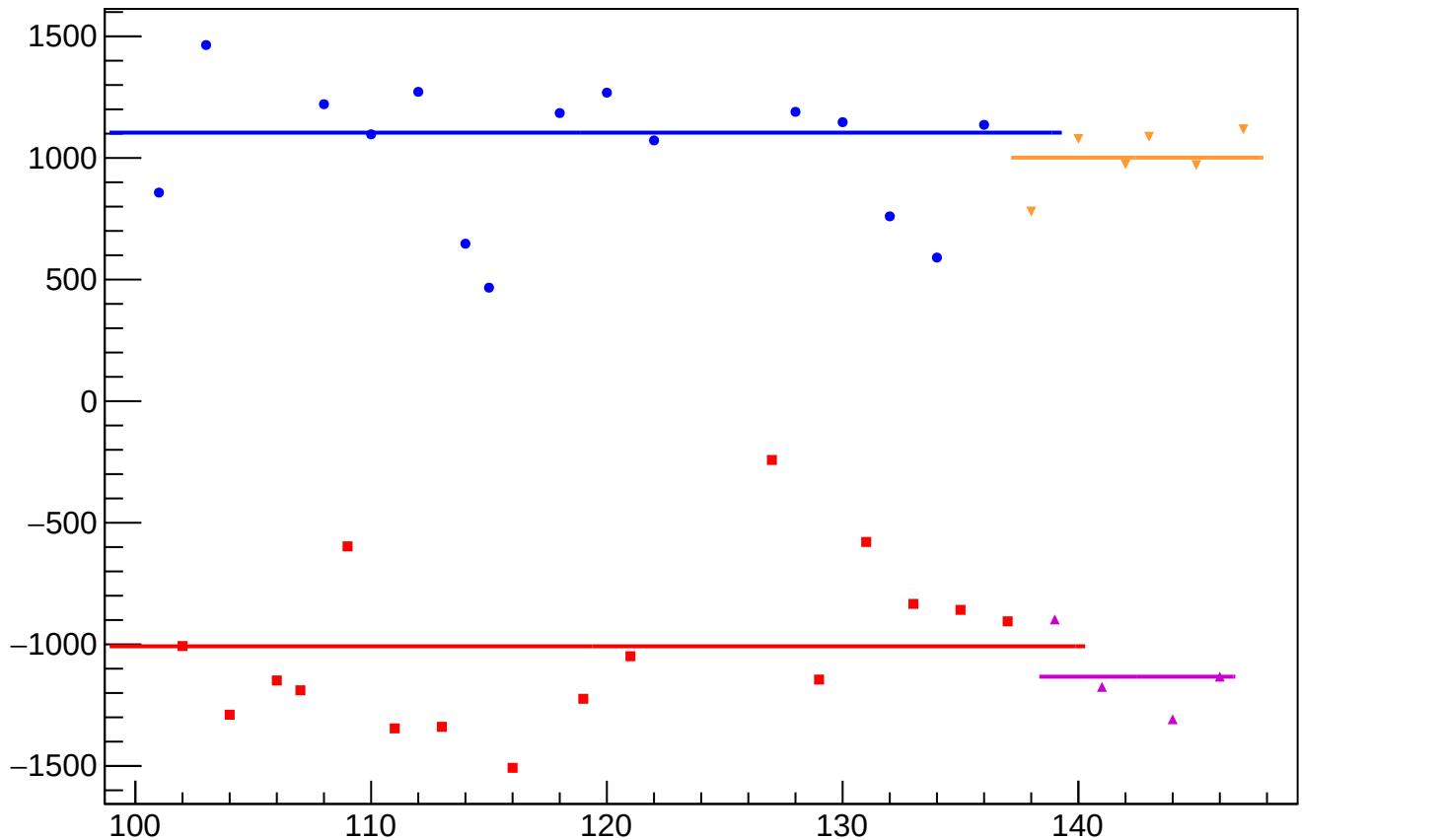
Left Out: 440.054 +/- 0.000 χ^2/NDF : 2940149395191382693513228892275474432.0/5

Right Out: -772.547 +/- 0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -466.739 +/- 0.000 χ^2/NDF : 1878932486395222040428149698715451392.0/3

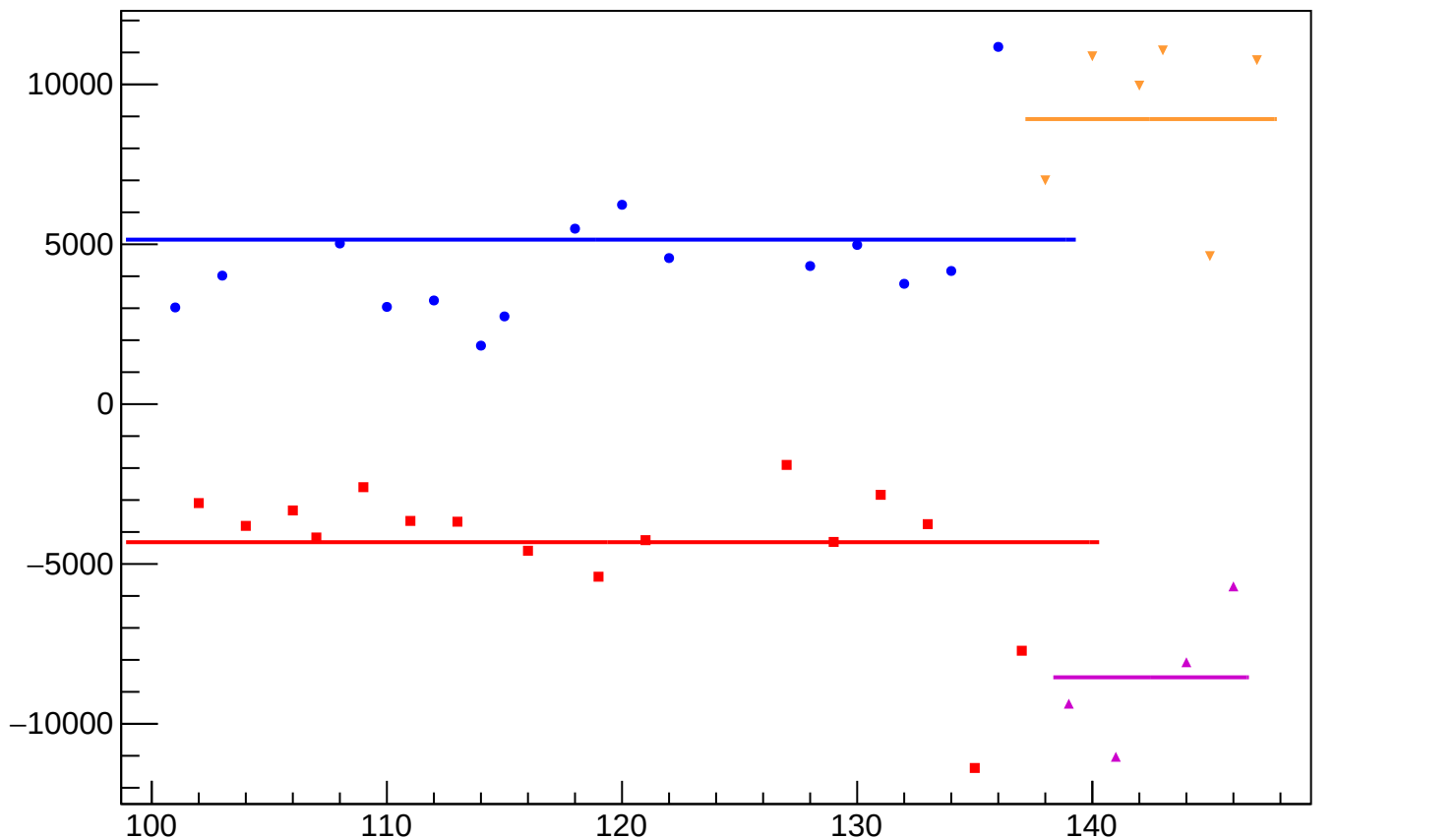
All: 6.269 +/- 0.000 χ^2/NDF : 15160773139729

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



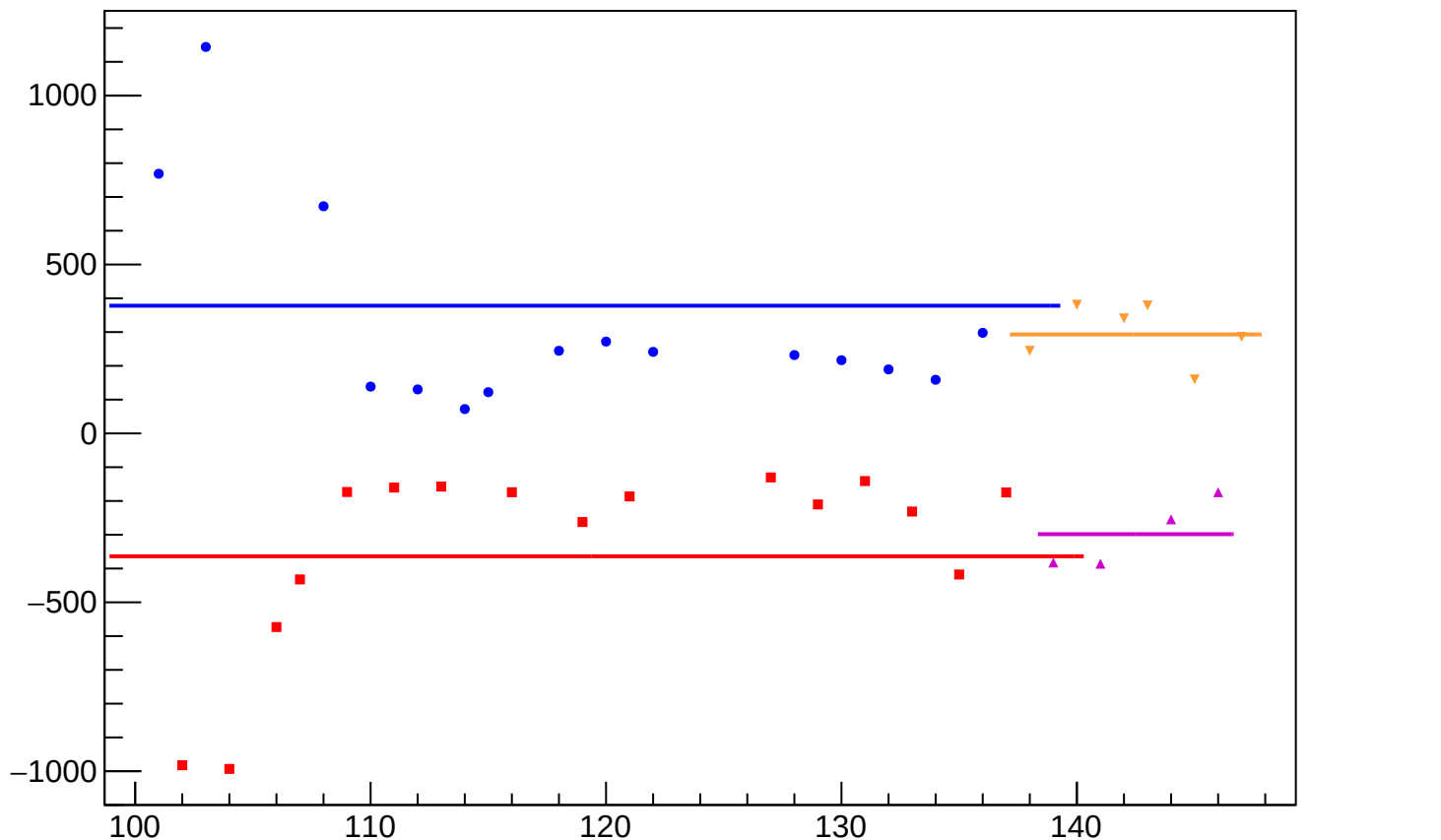
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam3_coil3_mean vs Slug, Sign Corrected



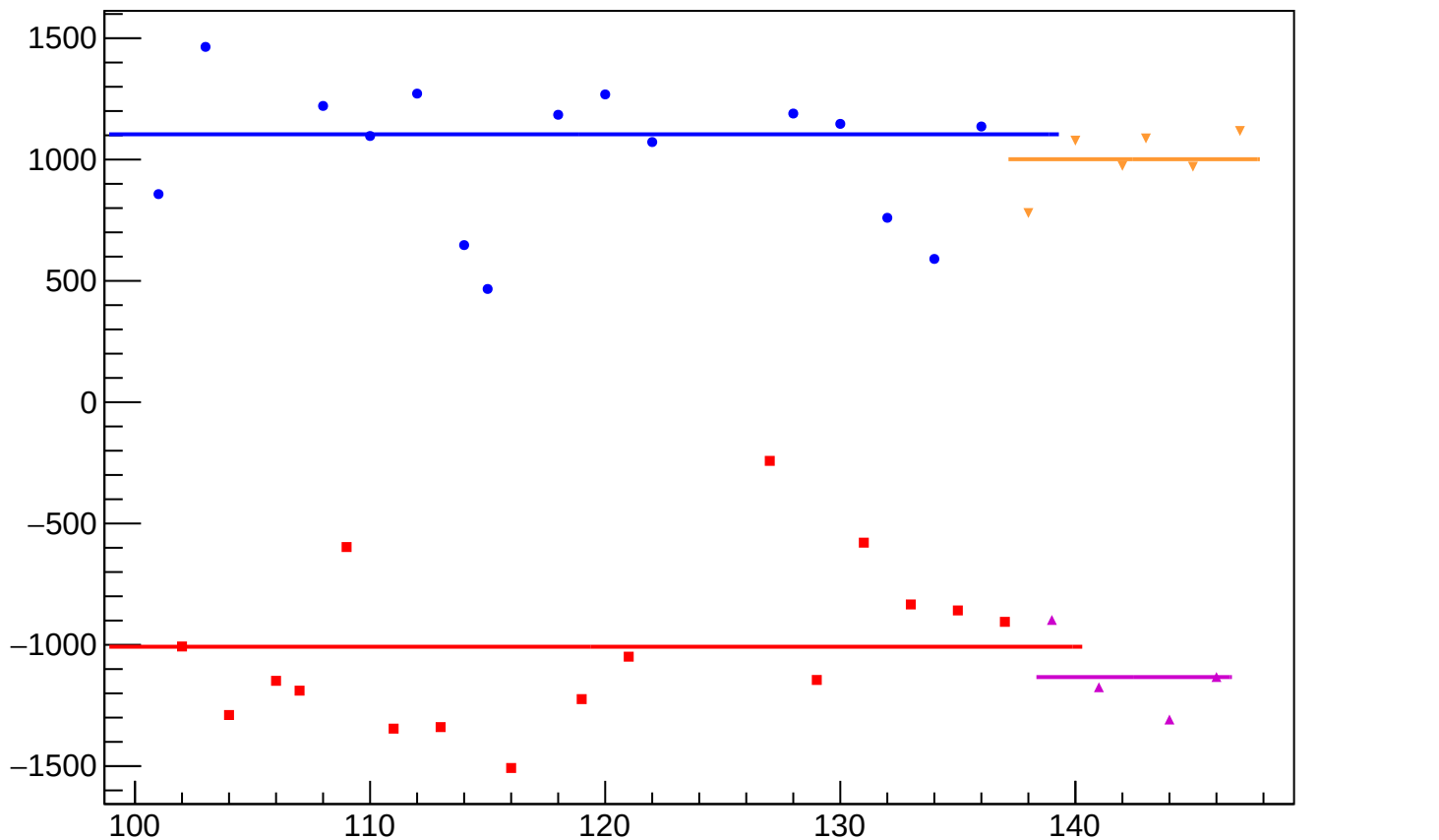
Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 8916.177+/-0.000 χ^2/NDF : 2715053129139188807340919513072166502400.0/5
 Right Out: -4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: -8545.139+/-0.000 χ^2/NDF : 1271305587460965328954581492467339624448.0/3
 All: 682.106+/-0.000 χ^2/NDF : 992787442308

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



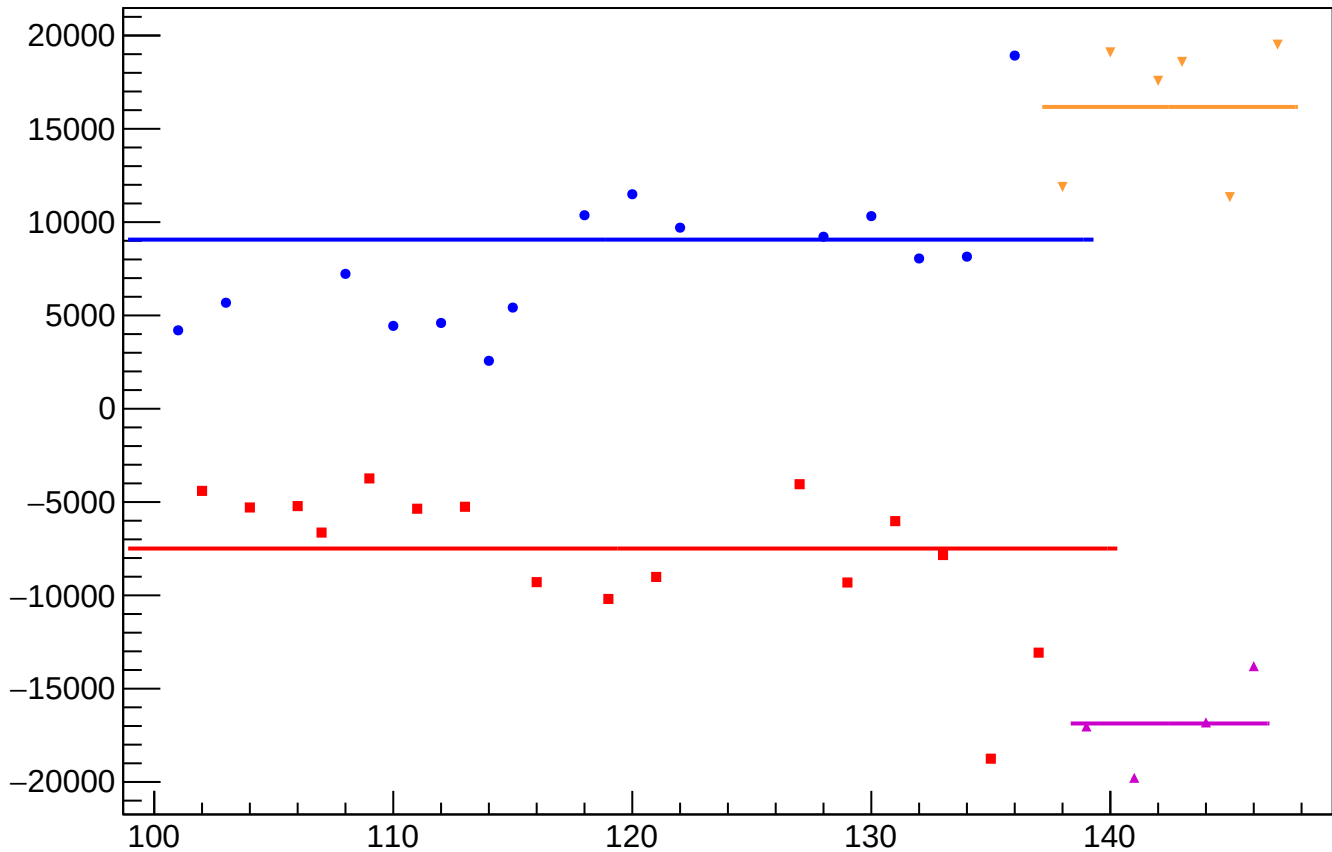
Left: 33.416+/-0.000 χ^2/NDF : 71825323258143397
 Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14
 Right: 2.067+/-0.000 χ^2/NDF : 30156387809525658
 Left Out: 292.961+/-0.000 χ^2/NDF : 2855943479917925913567688586799611904.0/5
 In: 146.431+/-0.000 χ^2/NDF : 16586285840231590
 Right Out: -363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15
 Out: -105.621+/-0.000 χ^2/NDF : 174968454851687
 Left In: -298.309+/-0.000 χ^2/NDF : 2674160709747478128248097958204014592.0/3
 All: 13.639+/-0.000 χ^2/NDF : 3738666259249

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



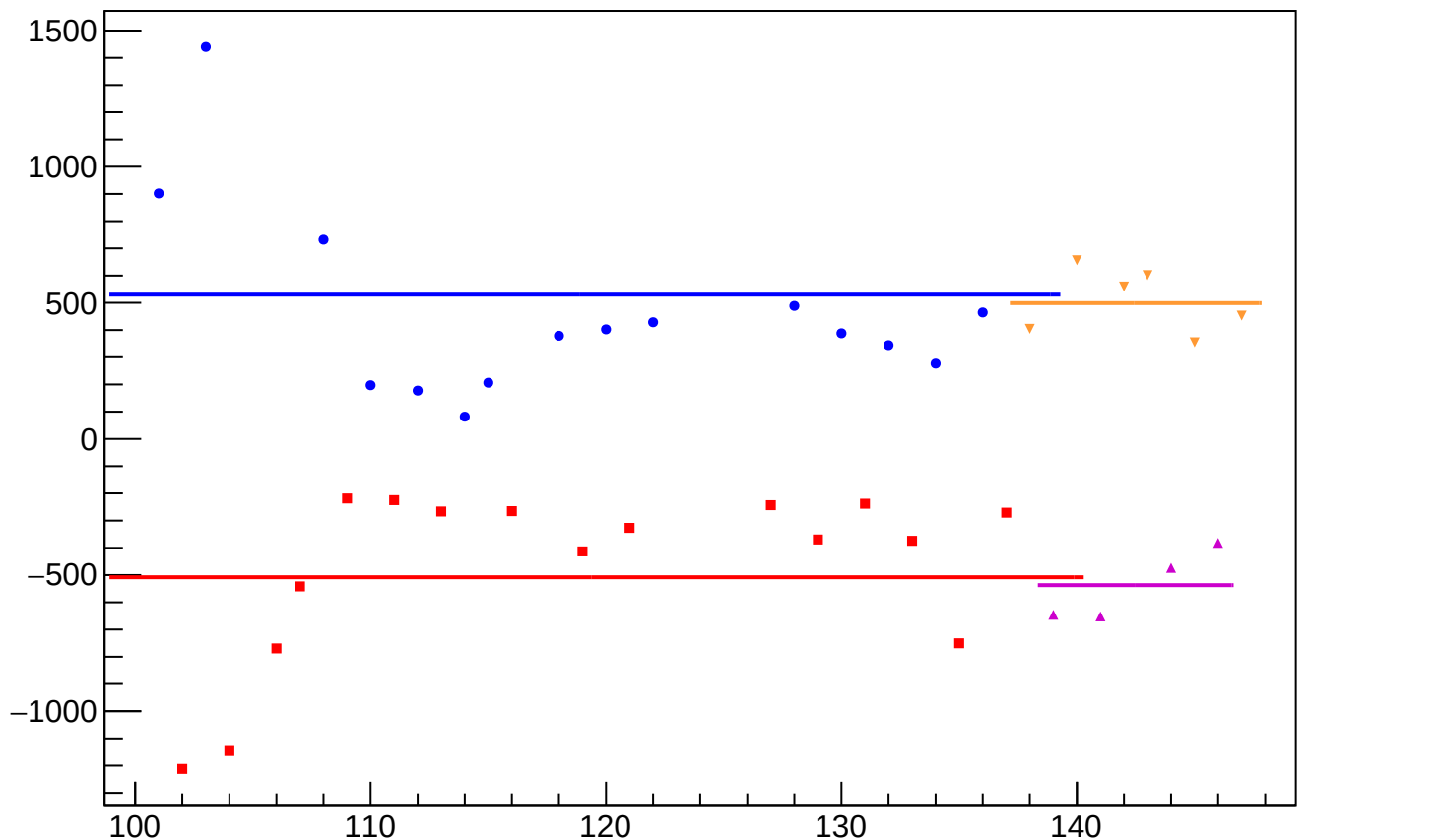
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam4_coil3_mean vs Slug, Sign Corrected



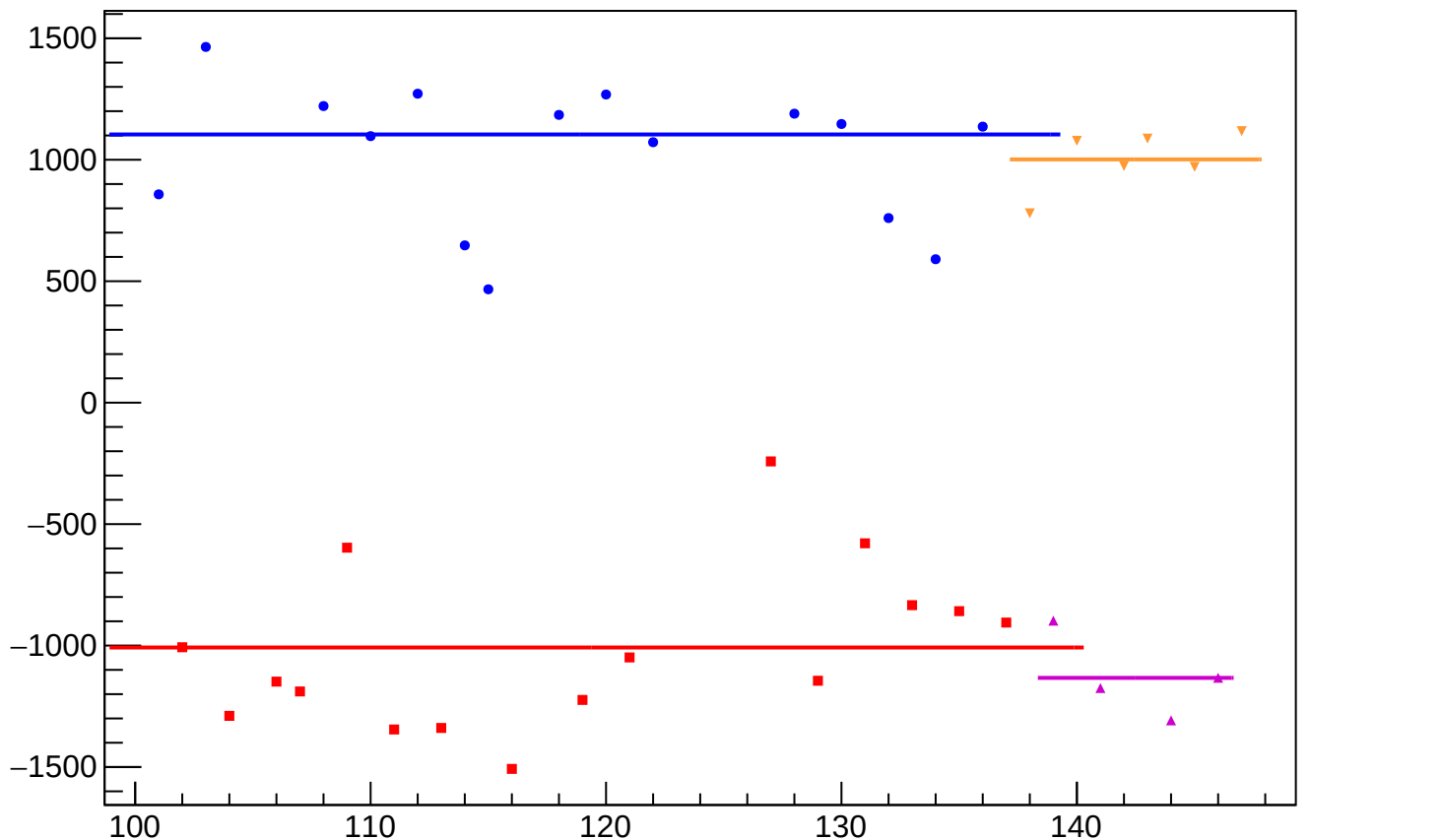
Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 16172.897+/-0.000 χ^2/NDF : 5376315698286901615631364416023264493568.0/5
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -16865.865+/-0.000 χ^2/NDF : 1505459136405159643877068607512769462272.0/3
 All: 1041.131+/-0.000 χ^2/NDF : 32821591751

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



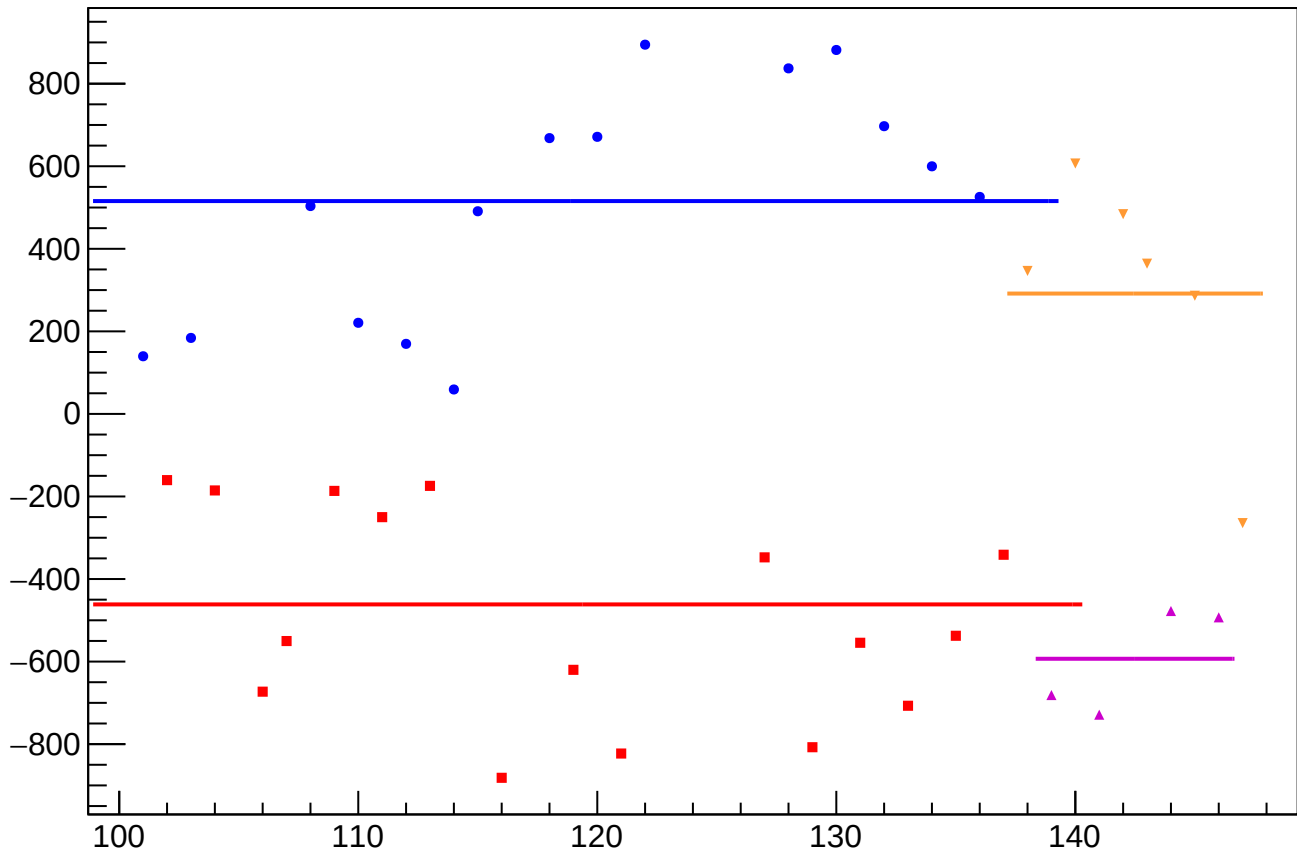
Right In: 530.057 +/- 0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14
 Left Out: 498.883 +/- 0.000 χ^2/NDF : 5447400044443909124183240123711750144.0/5
 Right Out: -507.987 +/- 0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15
 Left In: -537.038 +/- 0.000 χ^2/NDF : 4442309698448367011912799641644564480.0/3
 All: 18.782 +/- 0.000 χ^2/NDF : 724061698385

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



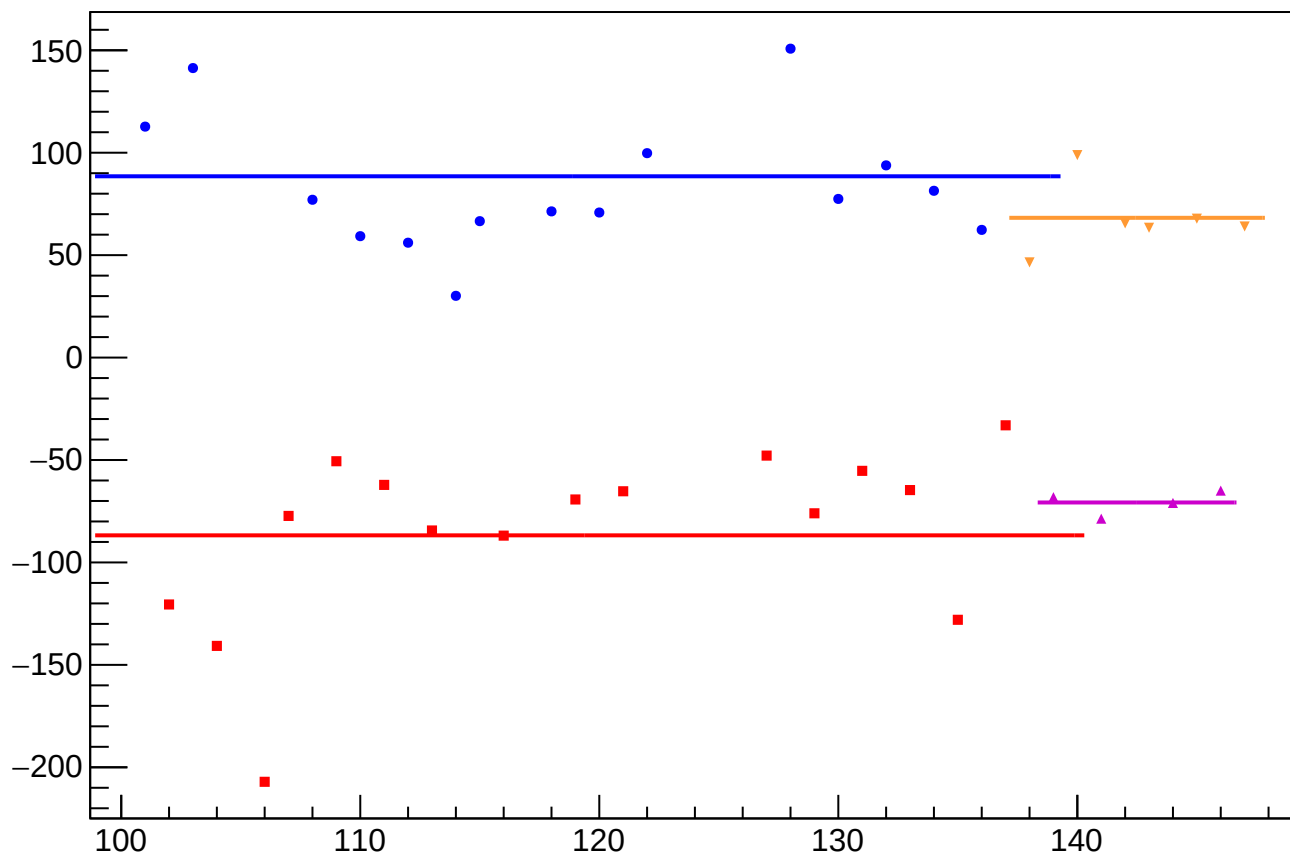
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 515.635+/-0.000	χ^2/NDF : 48465403420573957292673062371162324992.0/14	Left: -96.799+/-0.000	χ^2/NDF : 1872161198168248
Left Out: 291.587+/-0.000	χ^2/NDF : 34552402499006722024093163028725366784.0/5	Right: 20.387+/-0.000	χ^2/NDF : 4030056130167457
Right Out: -461.497+/-0.000	χ^2/NDF : 40473746660091355928063306884368564224.0/15	In: 135.914+/-0.000	χ^2/NDF : 3259376302091388
Left In: -593.197+/-0.000	χ^2/NDF : 4212098498704665998771628977839669248.0/3	Out: -165.471+/-0.000	χ^2/NDF : 223722174968524
	All: -22.870+/-0.000	χ^2/NDF : 596892531945	

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 88.493 $\pm$ 0.000 χ^2 /NDF: 643231155193035512625817963208900608.0/14

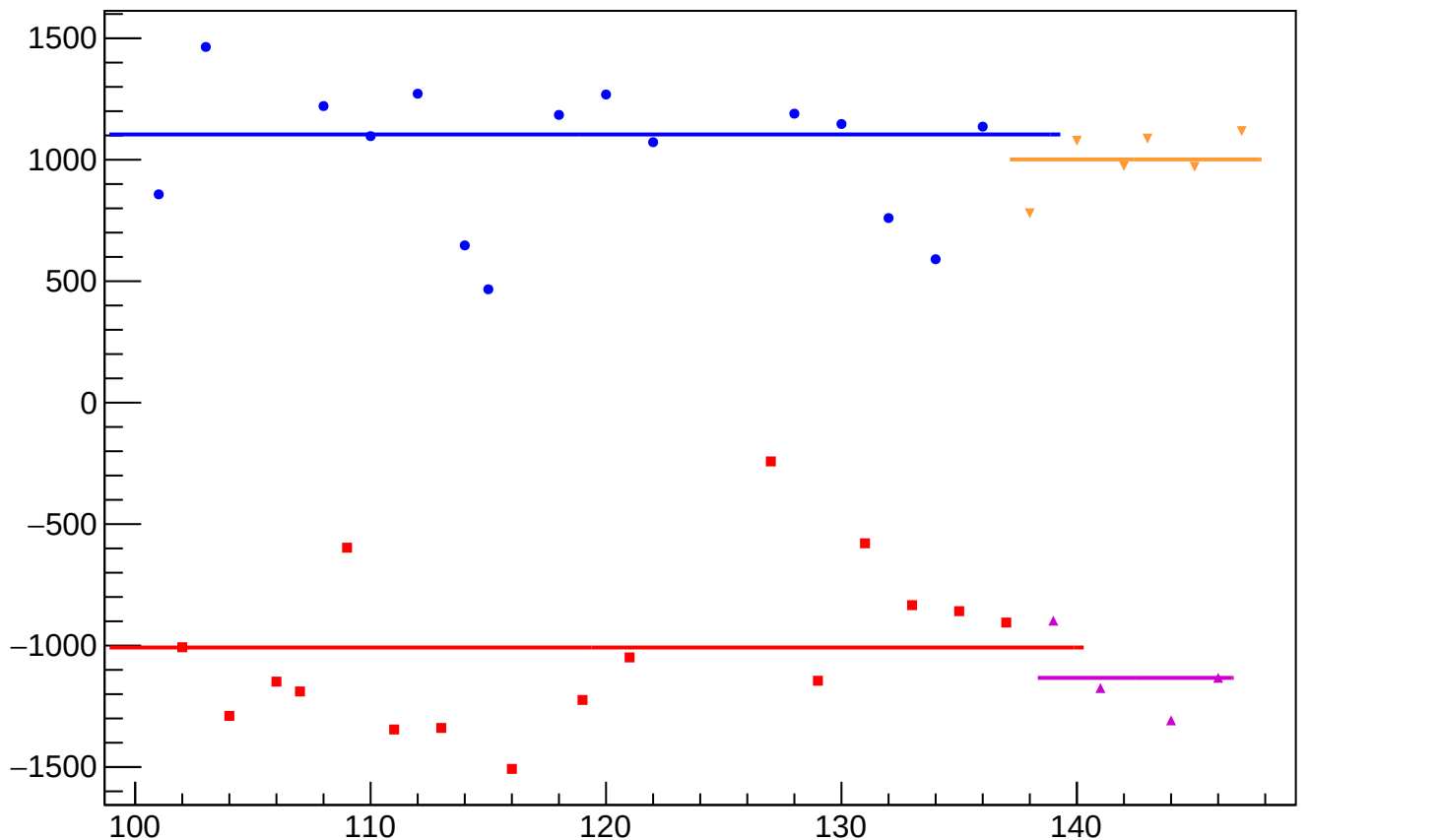
Left Out: 68.223 $\pm$ 0.000 χ^2 /NDF: 117080090883020105905393988335042560.0/5

Right Out: -86.773 $\pm$ 0.000 χ^2 /NDF: 1059206766314086021240525003228708864.0/15

Left In: -70.732 $\pm$ 0.000 χ^2 /NDF: 8640318185441259390626861563248640.0/3

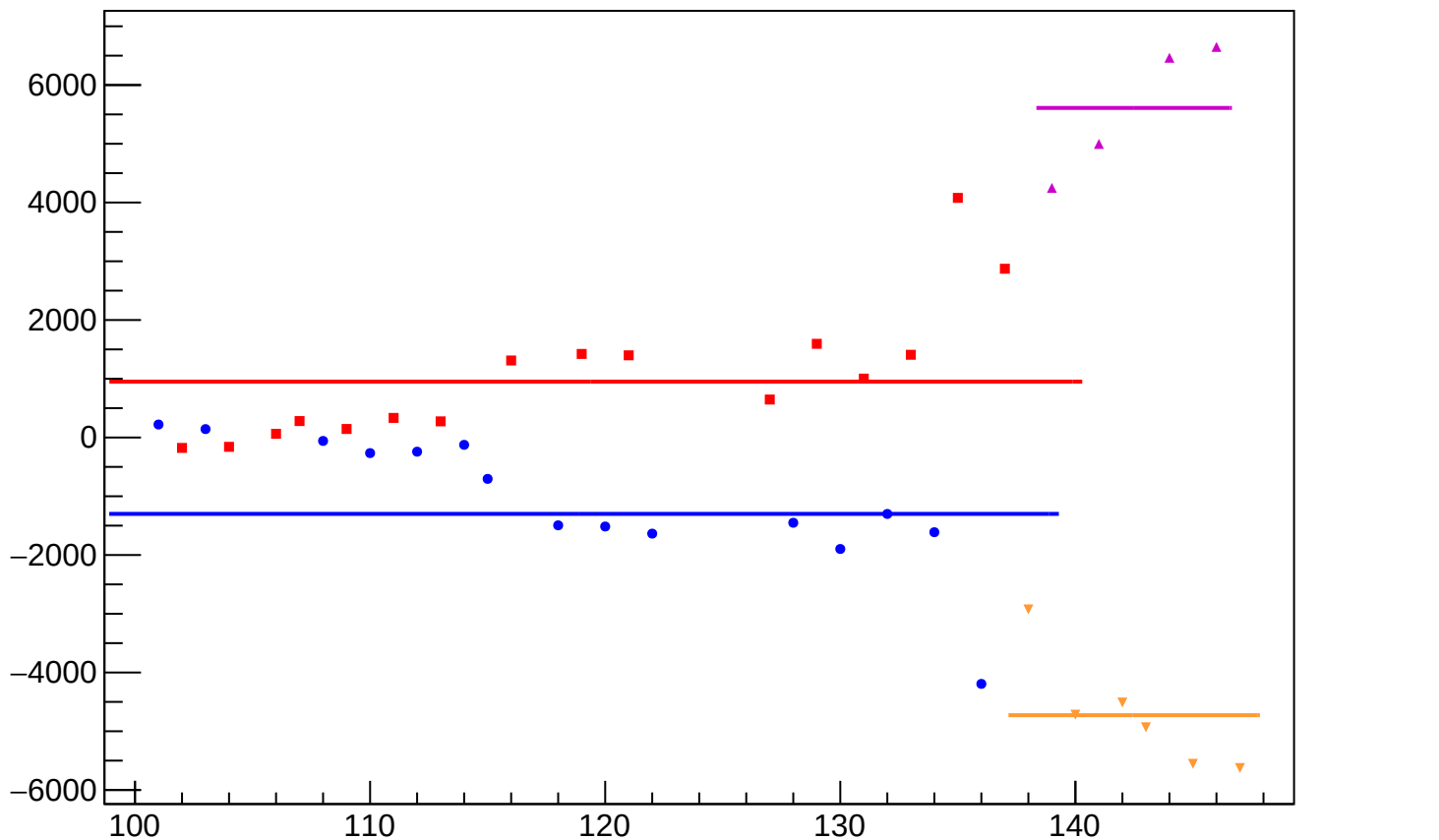
All: 2.454 $\pm$ 0.000 χ^2 /NDF: 15621879120821

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -4726.328+/-0.000

Right Out: 951.903+/-0.000

Left In: 5610.189+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

χ^2/NDF : 376349099766335894749278093373647880192.0/5

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 33635209682427494484836723187582500864.0/3

Left: -189.000+/-0.000 χ^2/NDF : 209735737950482

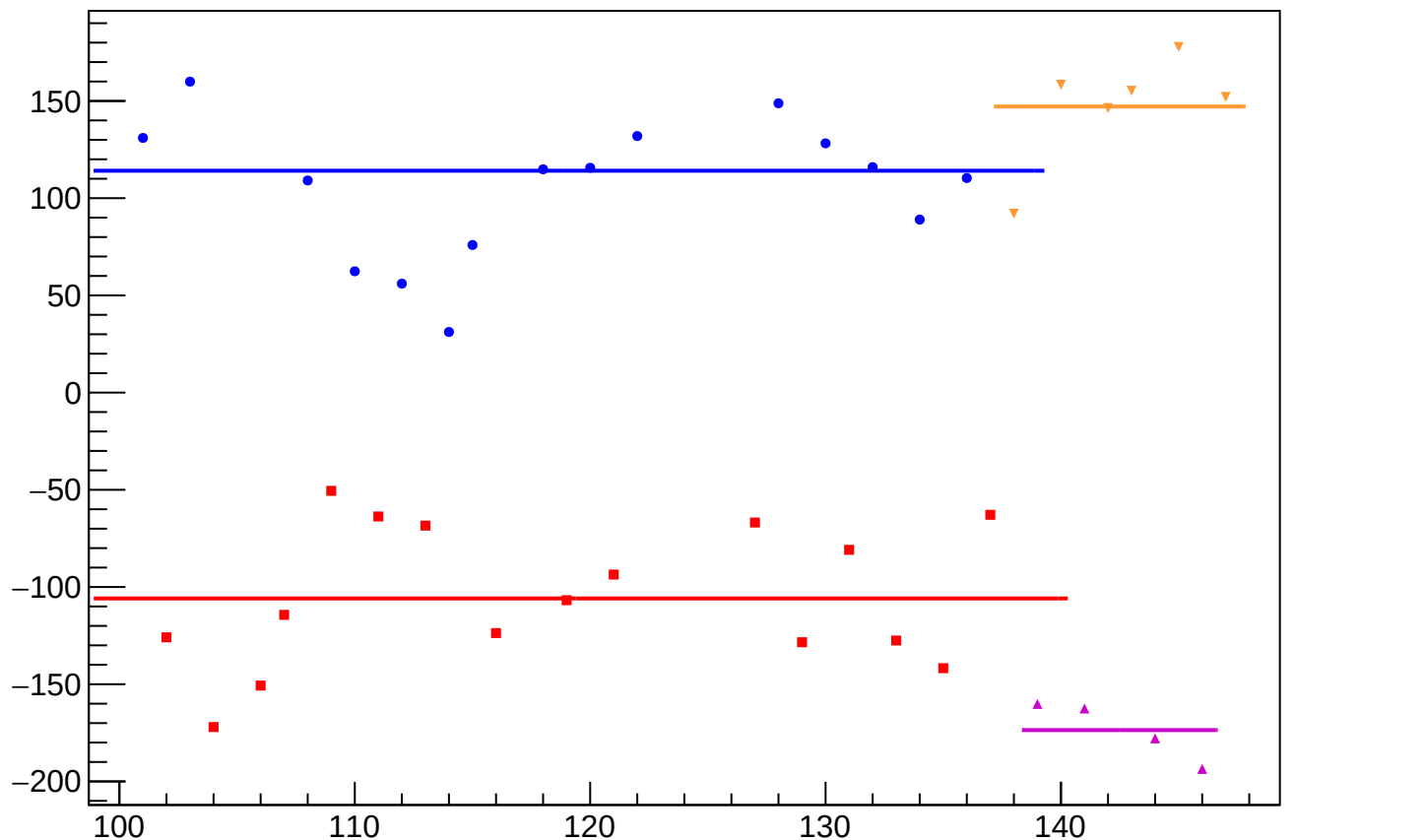
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: 1066.471+/-0.000 χ^2/NDF : 121483621244139

Out: -1280.122+/-0.000 χ^2/NDF : 96711912075051

All: -169.822+/-0.000 χ^2/NDF : 24682913164

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118 +/- 0.000

χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 147.133 +/- 0.000

χ^2/NDF : 329544528148057971591320531460161536.0/5

Right Out: -105.890 +/- 0.000

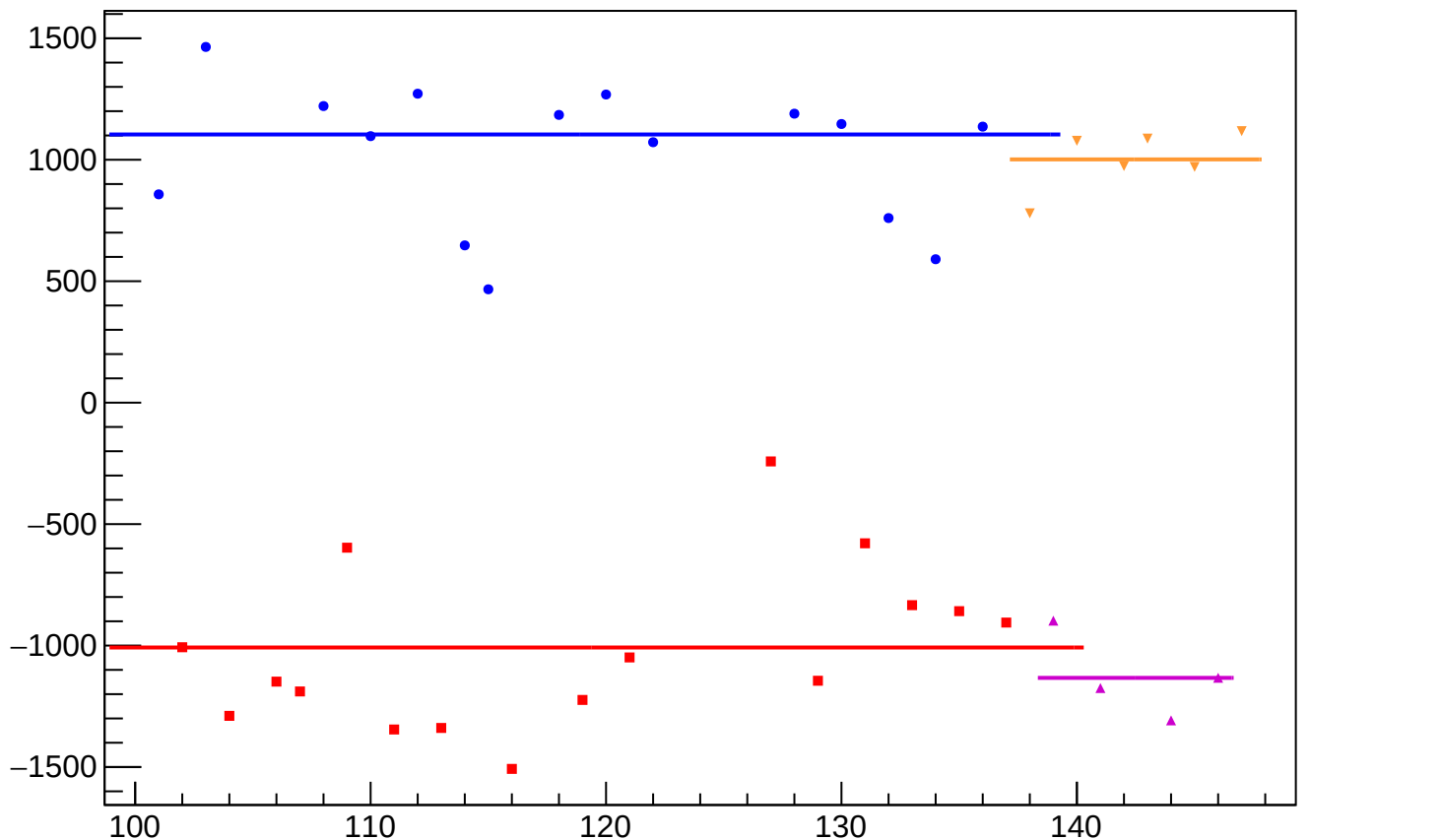
χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: -173.588 +/- 0.000

χ^2/NDF : 59878492911206274718591435224907776.0/3

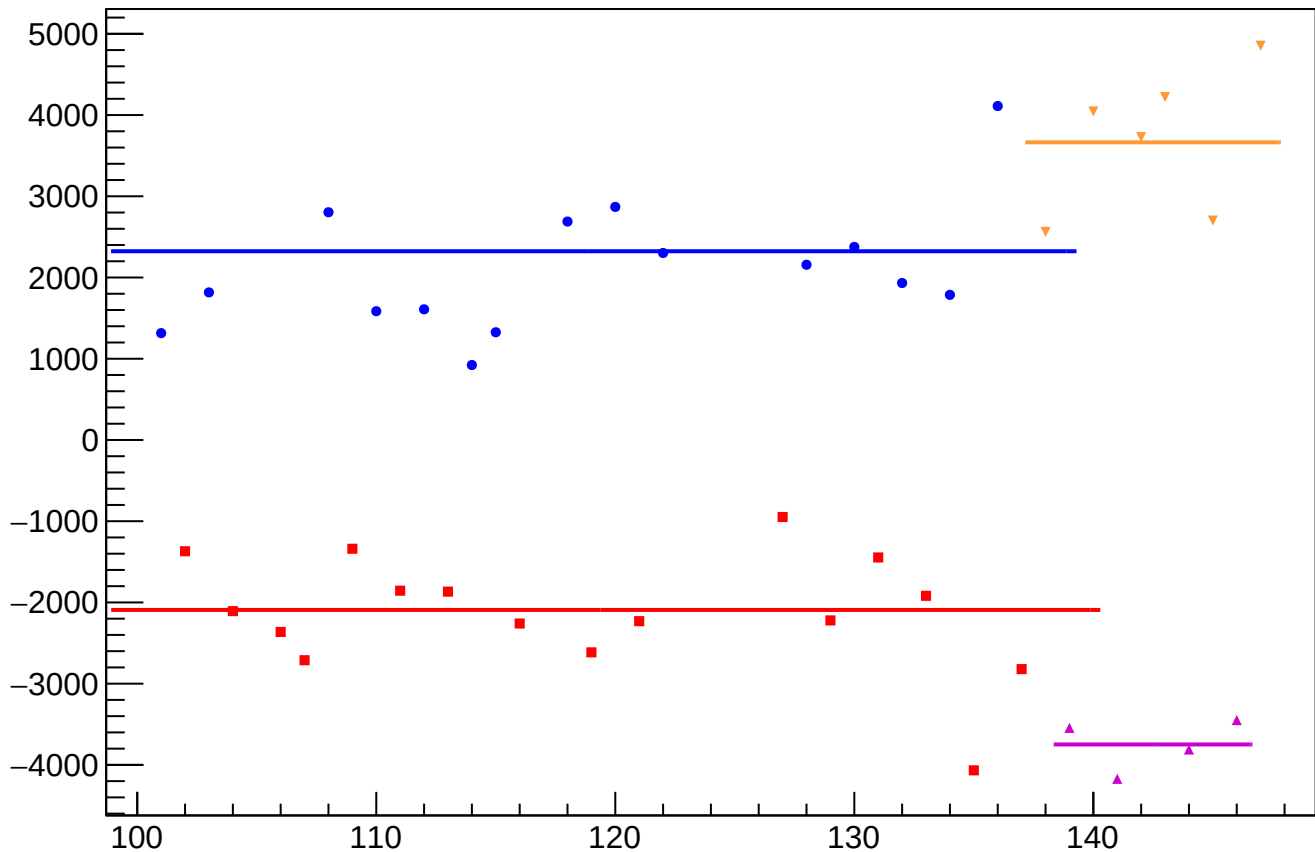
All: 3.990 +/- 0.000 χ^2/NDF : 37282726131686.0/19

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Left: 64.529+/-0.000 χ^2/NDF : 87727681472623510
 Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right: 33.659+/-0.000 χ^2/NDF : 1569083056347410
 In: 338.016+/-0.000 χ^2/NDF : 11523731259546700
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Out: -218.053+/-0.000 χ^2/NDF : 113366008211945
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372+/-0.000

χ^2/NDF : 476371189888349375964725620757728591872.0/14

Left Out: 3664.483+/-0.000

χ^2/NDF : 313243881557557433133513862515158679552.0/5

Right Out: -2092.458+/-0.000

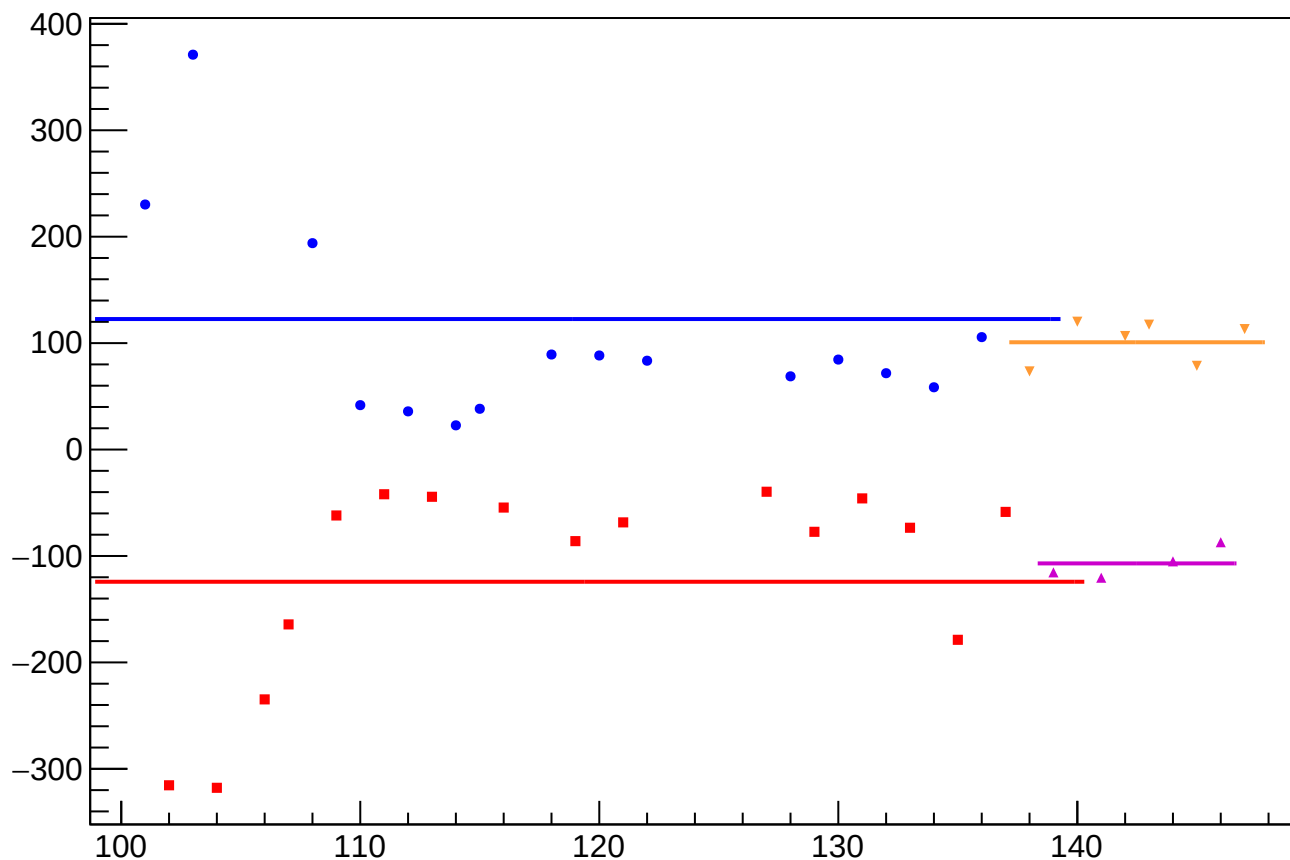
χ^2/NDF : 367126080872166122663684022473339174912.0/15

Left In: -3748.335+/-0.000

χ^2/NDF : 26405680037039506815372104726619357184.0/3

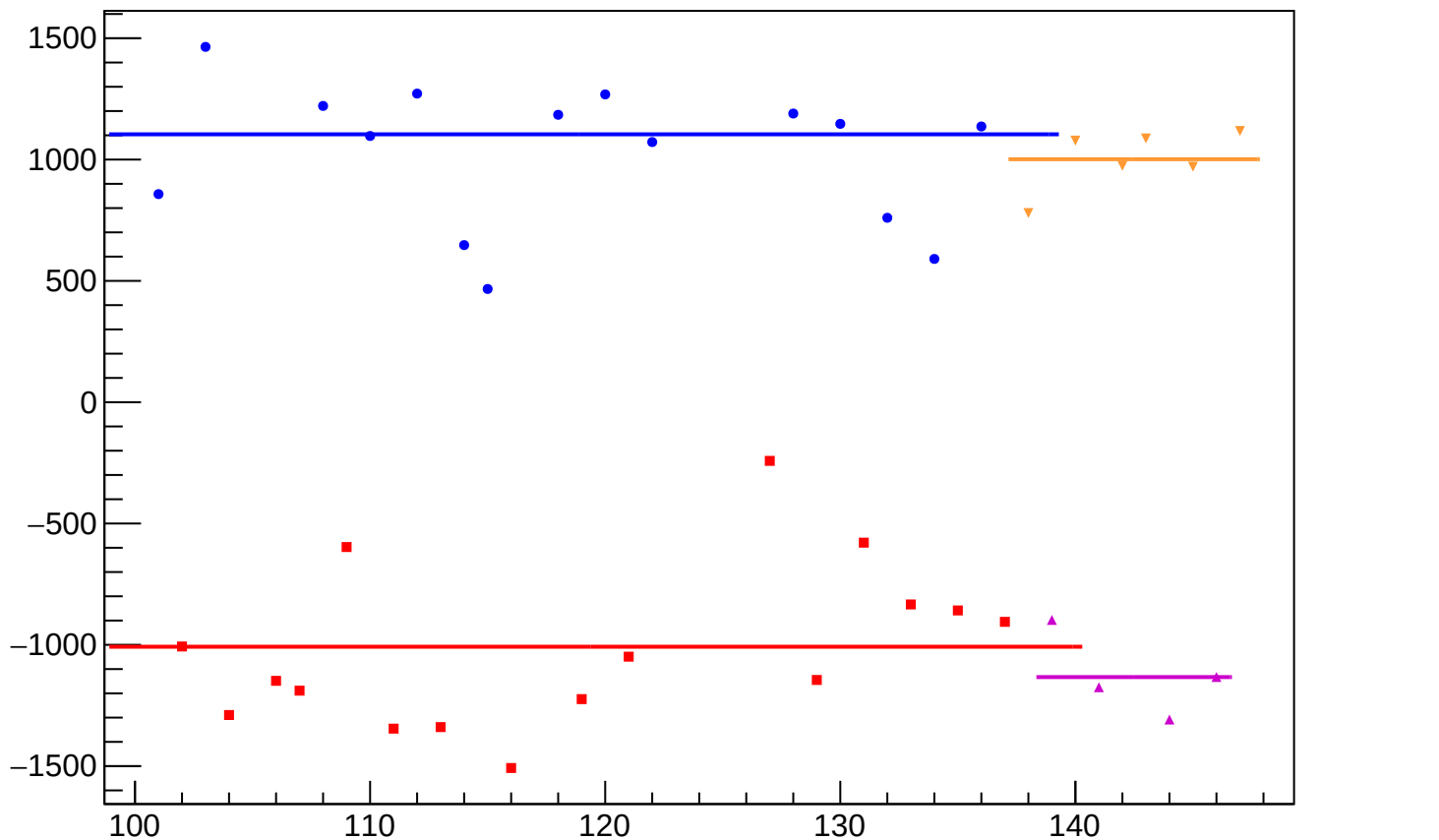
All: 205.330+/-0.000 χ^2/NDF : 180689089517

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



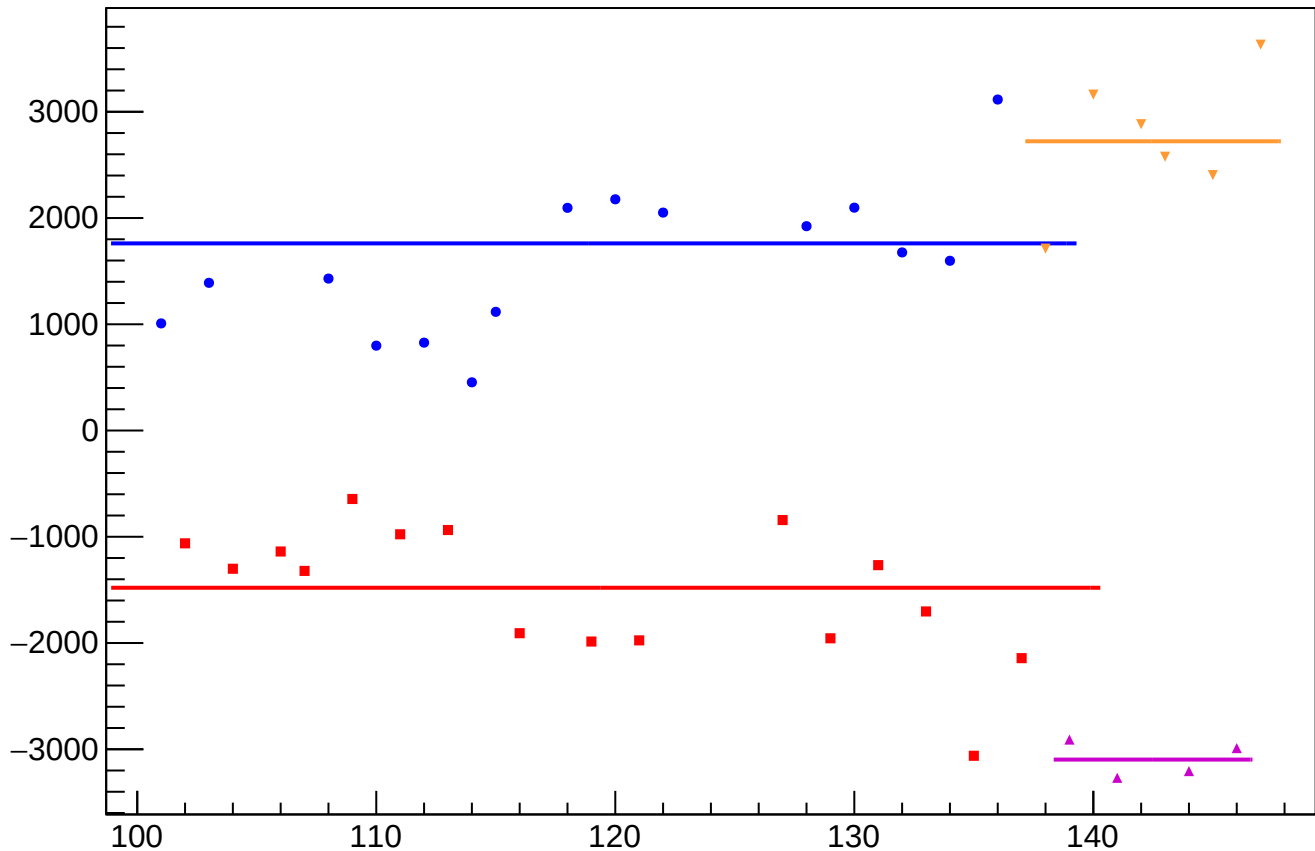
Right In: 122.622 $\pm$ 0.000 χ^2 /NDF: 5937504661187691145903235842749497344.0/14
 Left Out: 100.807 $\pm$ 0.000 χ^2 /NDF: 160610068840321562676026117086773248.0/5
 Right Out: -124.216 $\pm$ 0.000 χ^2 /NDF: 6549627589629012958791202941129719808.0/15
 Left In: -106.977 $\pm$ 0.000 χ^2 /NDF: 54276043799751814253732907605557248.0/3
 All: 1.975 $\pm$ 0.000 χ^2 /NDF: 41002091846567

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 45.054+/-0.000 χ^2/NDF : 2446822783381

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 2722.437+/-0.000

χ^2/NDF : 170748931729614046247489470673396432896.0/5

Right Out: -1479.801+/-0.000

χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: -3097.141+/-0.000

χ^2/NDF : 7384357149575761983980172467742179328.0/3

Left: 167.869+/-0.000 χ^2/NDF : 6600465393933374

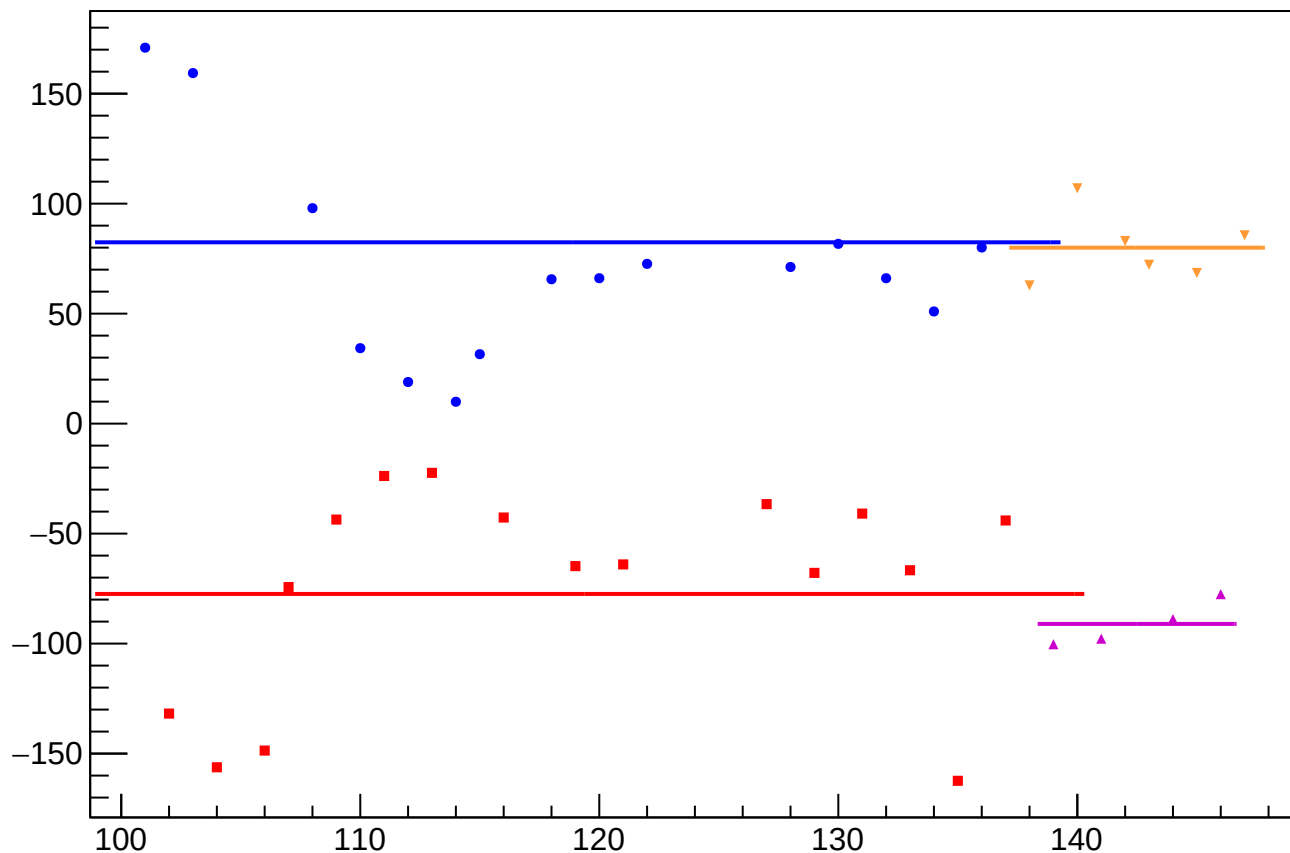
Right: 118.557+/-0.000 χ^2/NDF : 405096794129398

In: 97.481+/-0.000 χ^2/NDF : 558559163511894817

Out: 172.034+/-0.000 χ^2/NDF : 5064132722982756

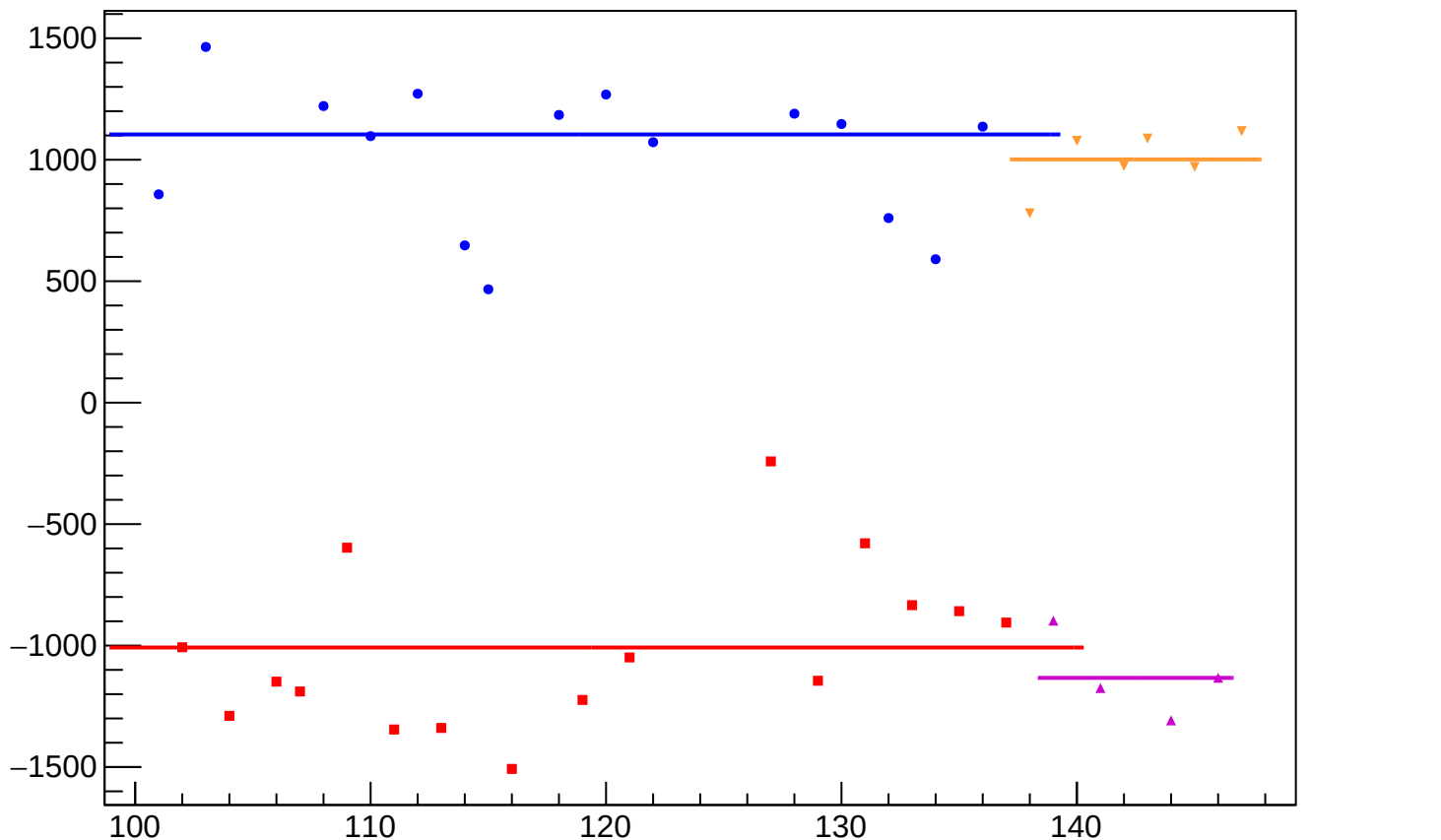
All: 136.759+/-0.000 χ^2/NDF : 106526145714

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



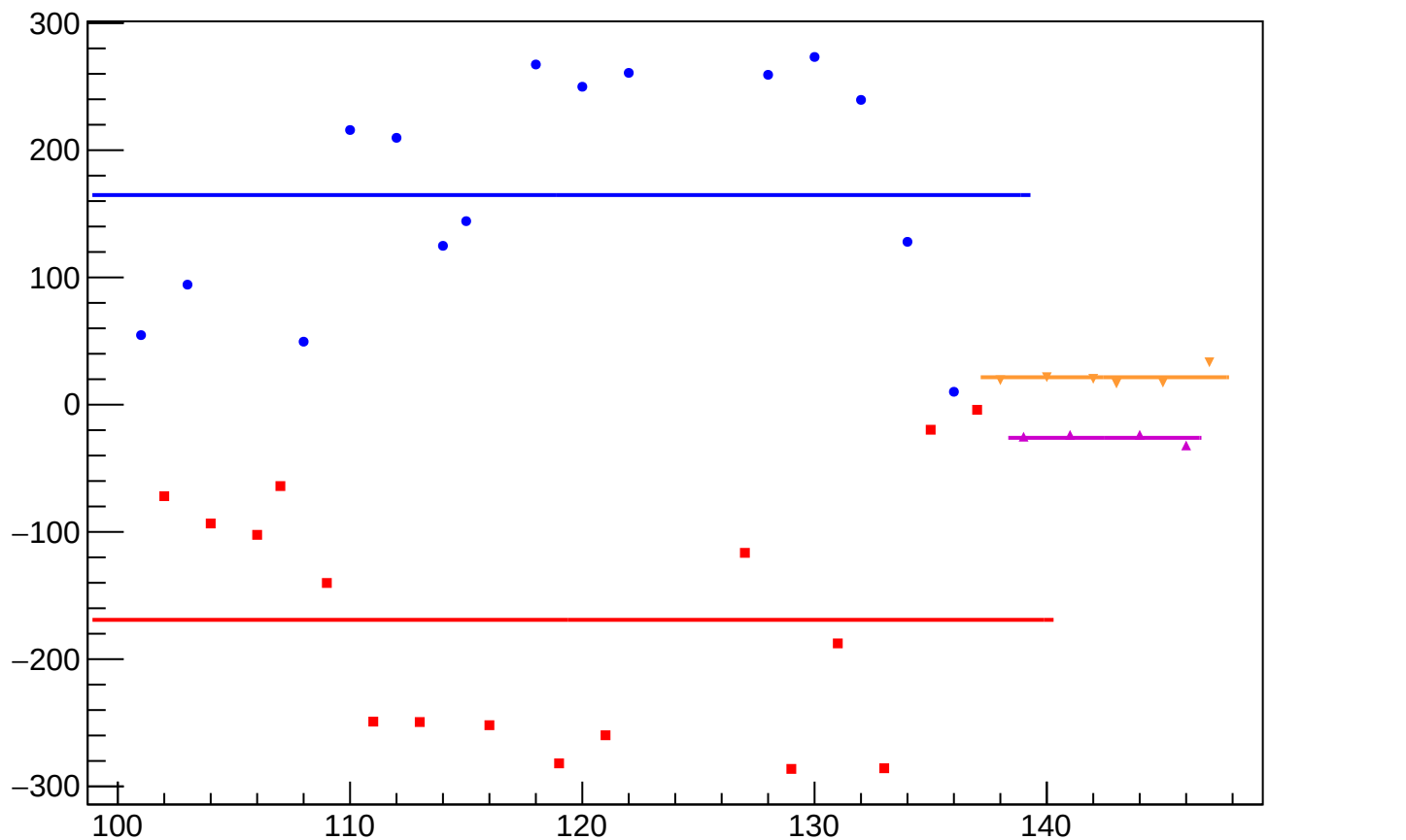
Left: 4.910 +/- 0.000 χ^2/NDF : 567483982864026575
 Right: 1.403 +/- 0.000 χ^2/NDF : 11184350671309506
 In: 23.015 +/- 0.000 χ^2/NDF : 797846576781268397
 Out: -15.549 +/- 0.000 χ^2/NDF : 8113360167784850
 All: 2.697 +/- 0.000 χ^2/NDF : 16865165006928

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



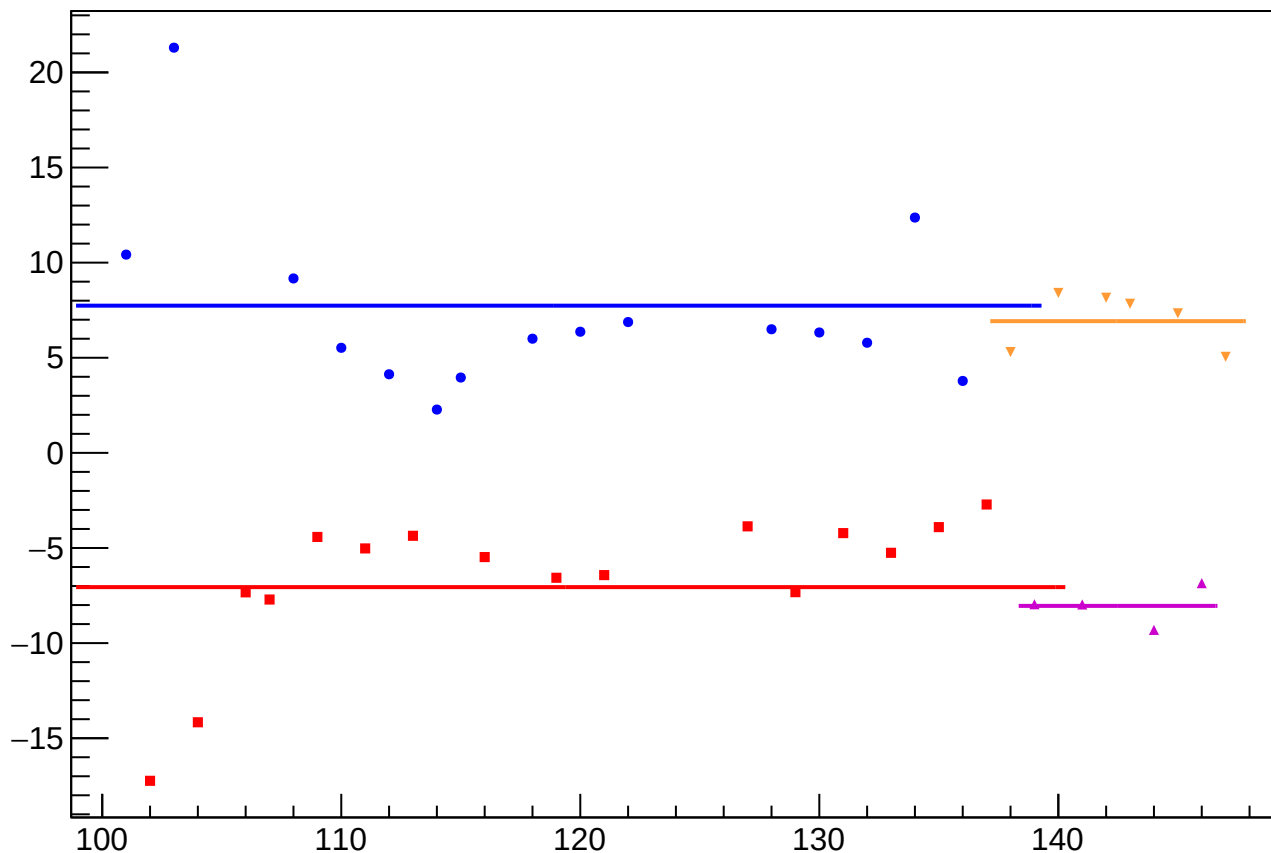
Left: 64.529 +/- 0.000 χ^2/NDF : 87727681472623510
 Right: 33.659 +/- 0.000 χ^2/NDF : 1569083056347410
 In: 338.016 +/- 0.000 χ^2/NDF : 11523731259546700
 Out: -218.053 +/- 0.000 χ^2/NDF : 113366008211945
 All: 45.054 +/- 0.000 χ^2/NDF : 2446822783381

dit_4aX_coil7_mean vs Slug, Sign Corrected



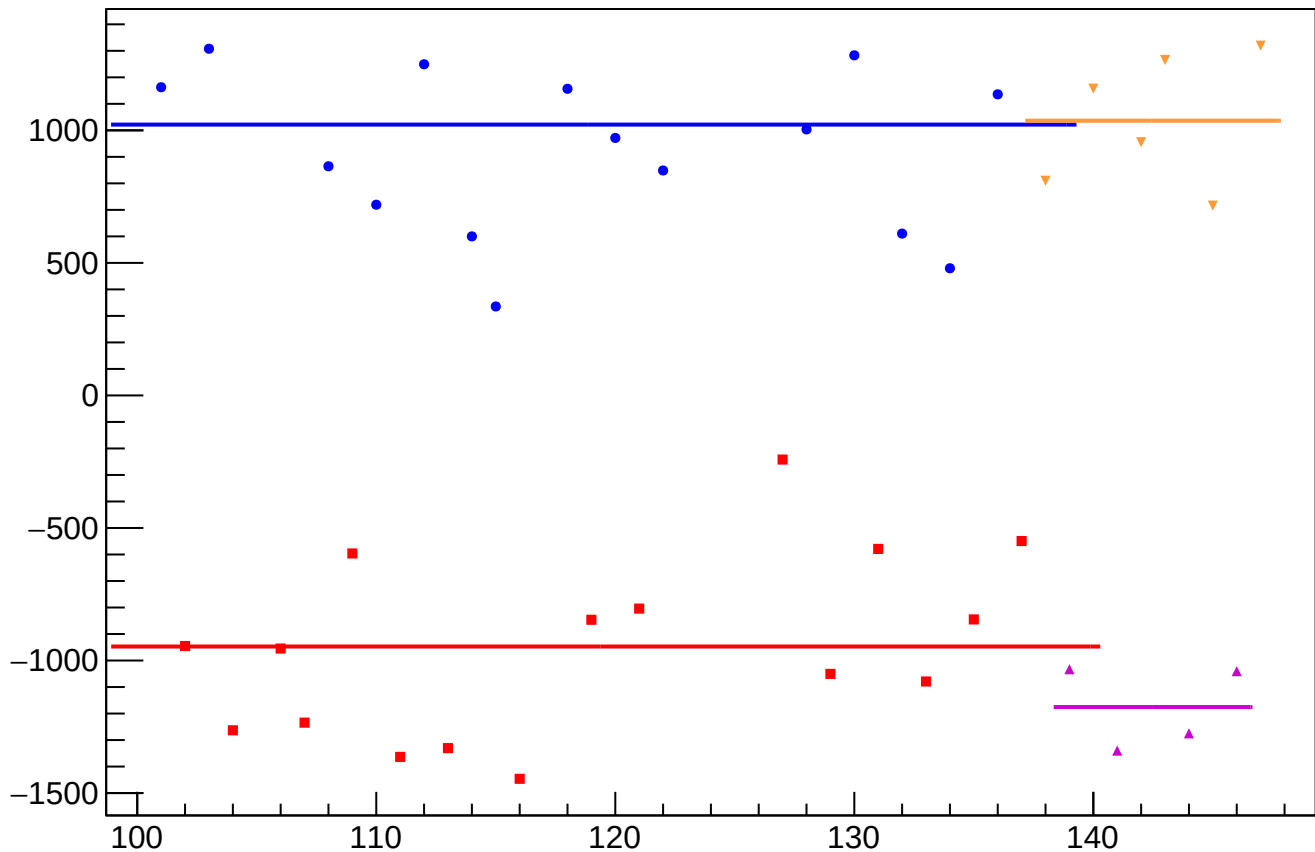
Left: 0.651+/-0.000 χ^2/NDF : 448209648595179449
 Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14
 Right: -4.461+/-0.000 χ^2/NDF : 4907468178563624
 Left Out: 21.550+/-0.000 χ^2/NDF : 14361970553909706717496194470248448.0/5
 In: 99.408+/-0.000 χ^2/NDF : 144657683690480911
 Right Out: -169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15
 Out: -94.163+/-0.000 χ^2/NDF : 1558566572833695
 Left In: -26.059+/-0.000 χ^2/NDF : 4020670399352678748767308761530368.0/3
 All: -2.574+/-0.000 χ^2/NDF : 4953558800967

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14
 Left Out: 6.924 $\pm$ 0.000 χ^2 /NDF: 799938773123676891106590639259648.0/5
 Right Out: -7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15
 Left In: -8.043 $\pm$ 0.000 χ^2 /NDF: 261142382190230682688462765686784.0/3
 All: 0.282 $\pm$ 0.000 χ^2 /NDF: 14197430520492

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000

Left Out: 1036.417 $\pm$ 0.000

Right Out: -947.145 $\pm$ 0.000

Left In: -1175.482 $\pm$ 0.000

χ^2 /NDF: 40493101470870278397836276403592495104.0/14

χ^2 /NDF: 23583550491509628507489682930003869696.0/5

χ^2 /NDF: 67784656011936521511169668028018196480.0/15

χ^2 /NDF: 6339125095672906969903105133619707904.0/3

Left: 65.479 $\pm$ 0.000 χ^2 /NDF: 95769256436122336

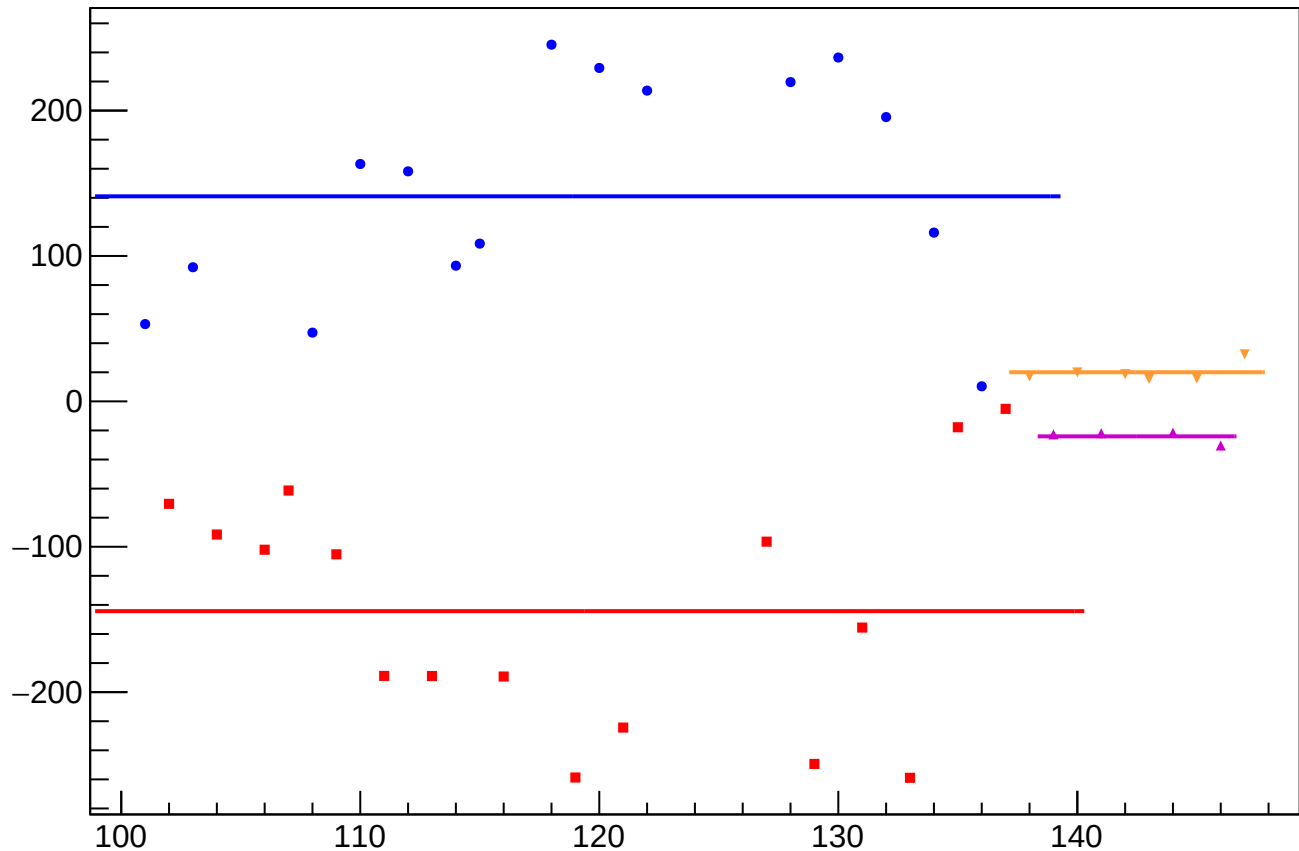
Right: 23.805 $\pm$ 0.000 χ^2 /NDF: 1383338523153511

In: 269.260 $\pm$ 0.000 χ^2 /NDF: 11197591260075728

Out: -167.438 $\pm$ 0.000 χ^2 /NDF: 112294957309032

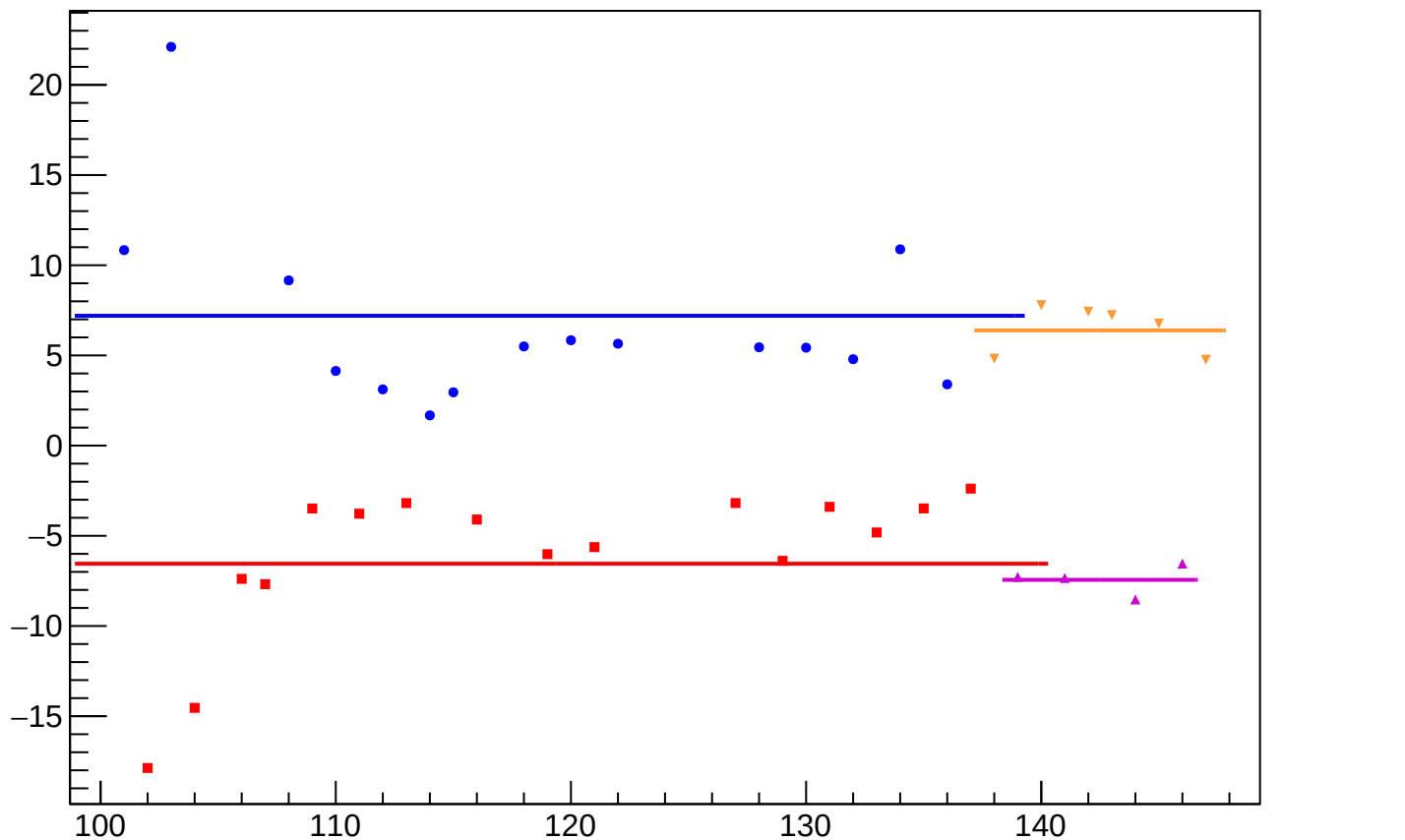
All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: 0.676 ± 0.000 $\chi^2/\text{NDF}: 38868480184432875$
 Right In: 141.032 ± 0.000 $\chi^2/\text{NDF}: 4507992585512923332587415612245934080.0/14$
 Left Out: 20.031 ± 0.000 $\chi^2/\text{NDF}: 15538810263823820044618964215529472.0/5$
 Right Out: -144.283 ± 0.000 $\chi^2/\text{NDF}: 4268333571517740886065361663928827904.0/15$
 In: 84.495 ± 0.000 $\chi^2/\text{NDF}: 105701795359915046$
 Out: -79.694 ± 0.000 $\chi^2/\text{NDF}: 1136273153426005$
 Left In: -24.063 ± 0.000 $\chi^2/\text{NDF}: 4440566646692372682800018380292096.0/3$
 All: -2.007 ± 0.000 $\chi^2/\text{NDF}: 3595085594779$

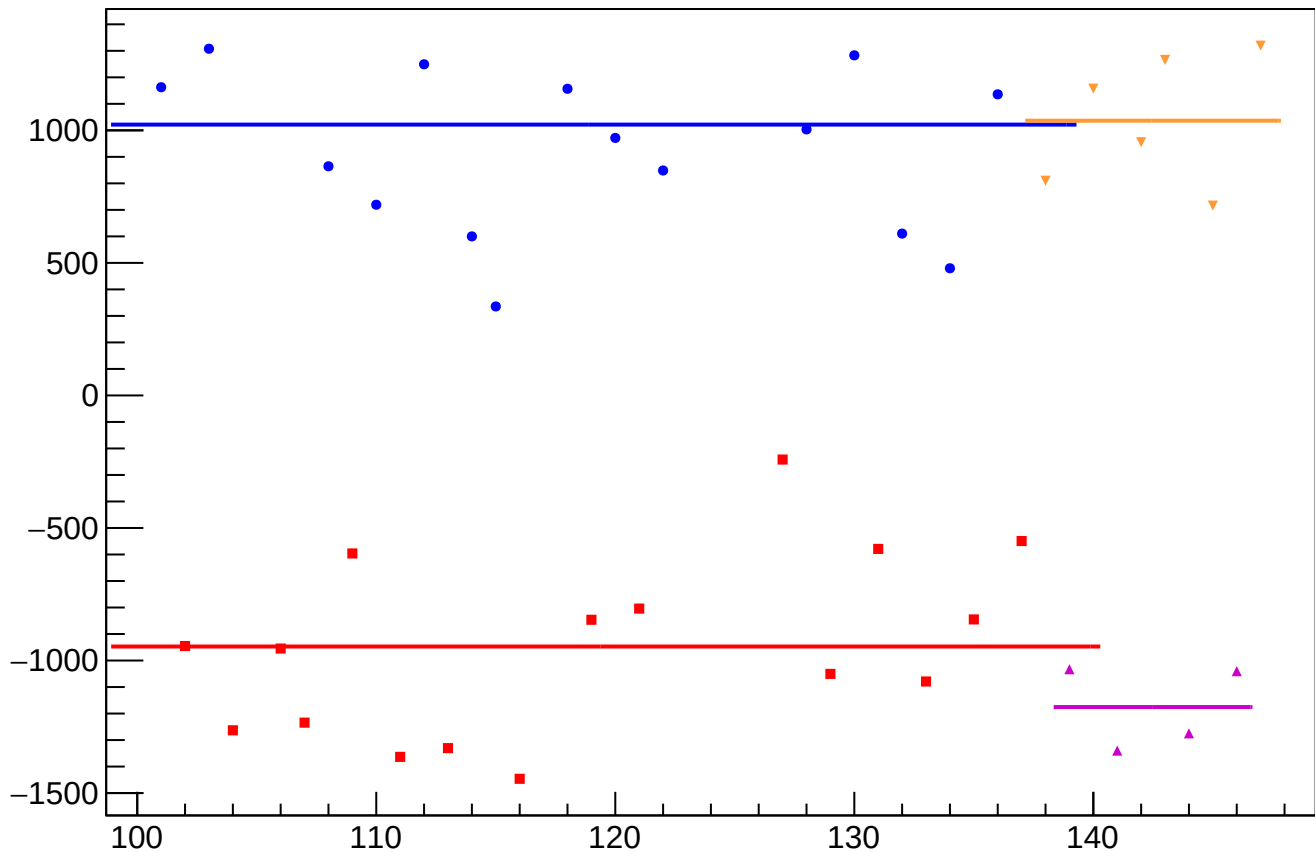
dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Left: 0.319+/-0.000 χ^2/NDF : 371208191803654420
 Right: 0.232+/-0.000 χ^2/NDF : 94430884745367791
 In: 2.185+/-0.000 χ^2/NDF : 6601598291587519304
 Out: -1.461+/-0.000 χ^2/NDF : 58626791995363492
 All: 0.264+/-0.000 χ^2/NDF : 13155540036905

Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 6.390+/-0.000 χ^2/NDF : 667811958668488383164064611696640.0/5
 Right Out: -6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15
 Left In: -7.441+/-0.000 χ^2/NDF : 175823809109973020855586447687680.0/3

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000

Left Out: 1036.417 $\pm$ 0.000

Right Out: -947.145 $\pm$ 0.000

Left In: -1175.482 $\pm$ 0.000

χ^2 /NDF: 40493101470870278397836276403592495104.0/14

χ^2 /NDF: 23583550491509628507489682930003869696.0/5

χ^2 /NDF: 67784656011936521511169668028018196480.0/15

χ^2 /NDF: 6339125095672906969903105133619707904.0/3

Left: 65.479 $\pm$ 0.000 χ^2 /NDF: 95769256436122336

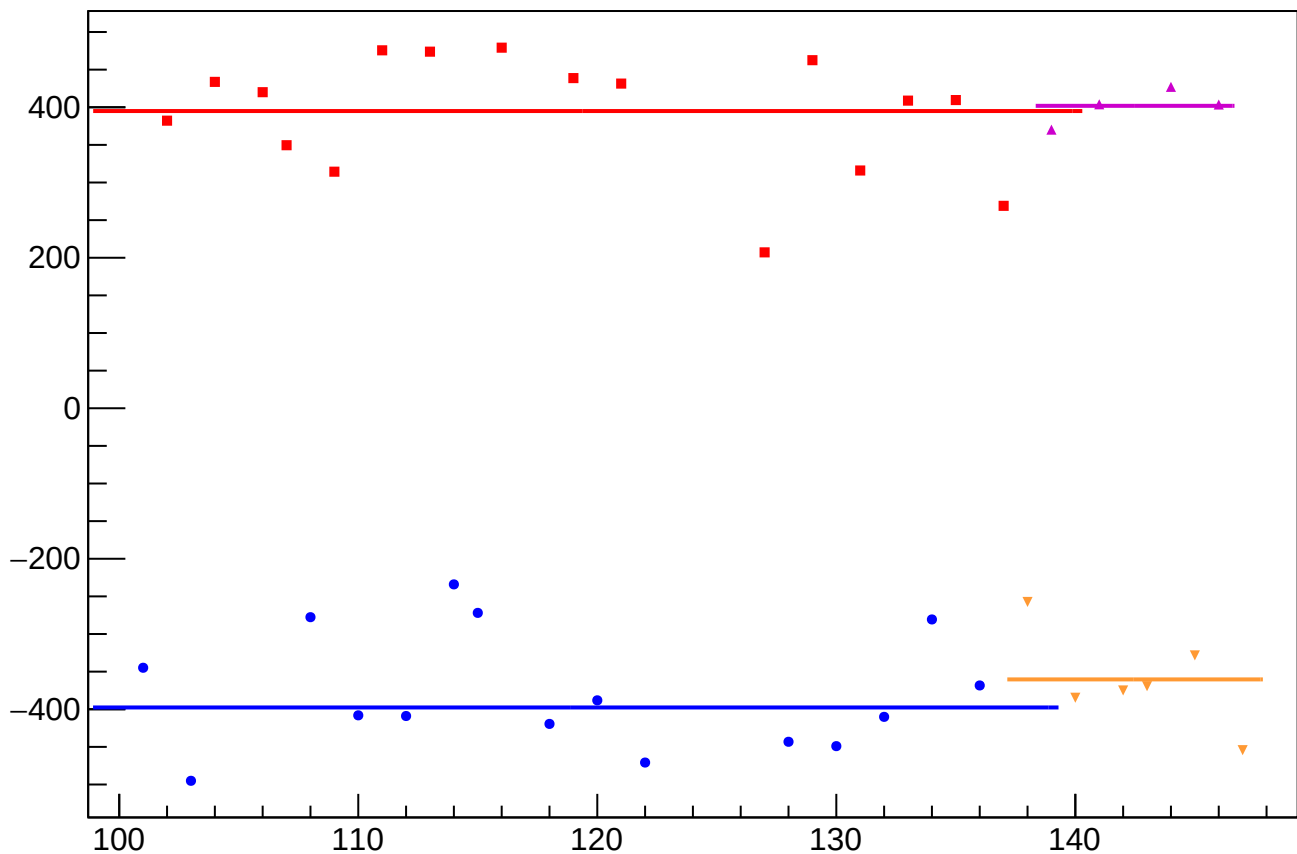
Right: 23.805 $\pm$ 0.000 χ^2 /NDF: 1383338523153511

In: 269.260 $\pm$ 0.000 χ^2 /NDF: 11197591260075728

Out: -167.438 $\pm$ 0.000 χ^2 /NDF: 112294957309032

All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

Left Out: -360.331+/-0.000

Right Out: 394.973+/-0.000

Left In: 401.906+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

χ^2/NDF : 1662619726111769227210586409767272448.0/5

χ^2/NDF : 3685595513427183501596165280874102784.0/15

χ^2/NDF : 138309583787575426297344498067308544.0/3

Left: -25.739+/-0.000 χ^2/NDF : 1119777480053315

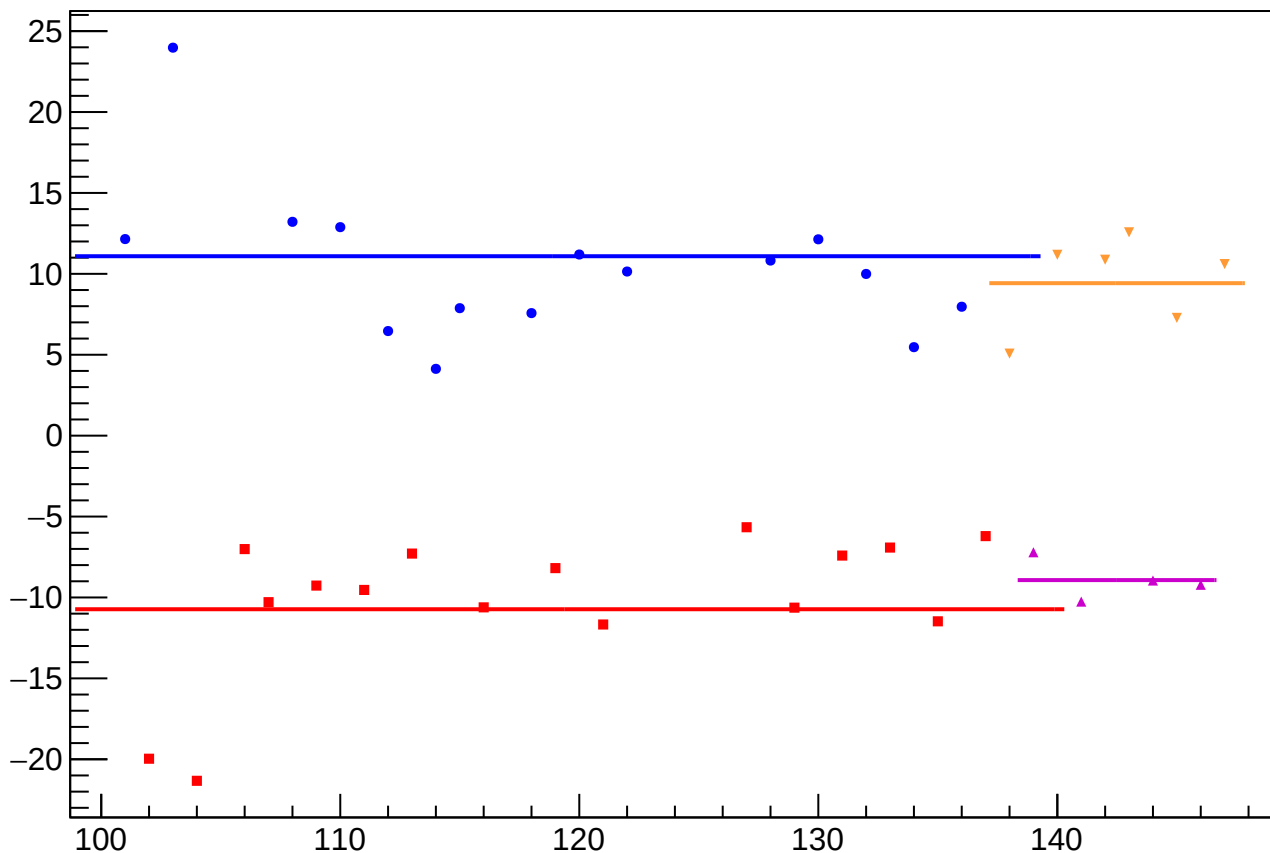
Right: 4.100+/-0.000 χ^2/NDF : 21298342988437283

In: -123.816+/-0.000 χ^2/NDF : 1448694690991996

Out: 98.074+/-0.000 χ^2/NDF : 15492197754603476

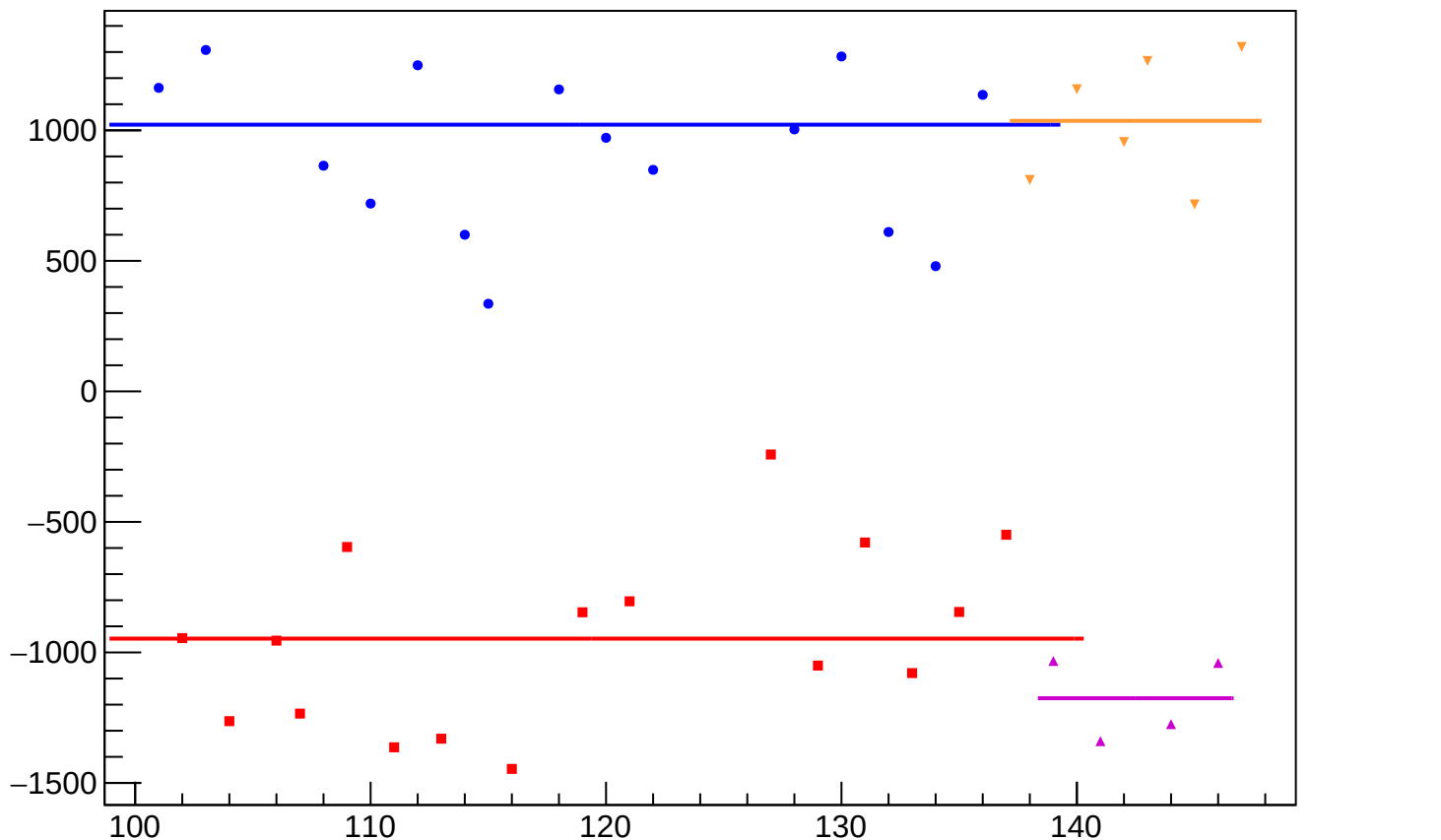
All: -6.914+/-0.000 χ^2/NDF : 3253936923948

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



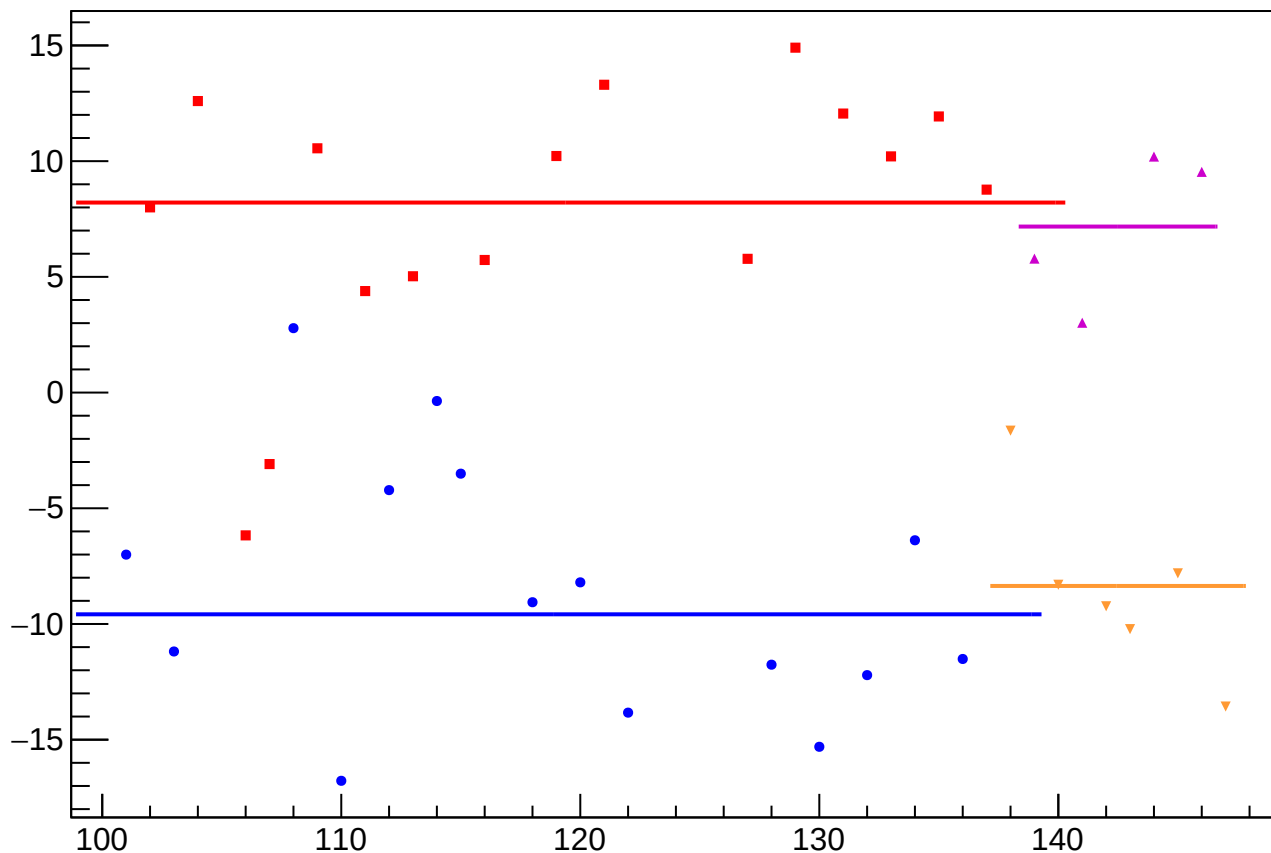
Left: 1.368 +/- 0.000 χ^2/NDF : 672185737367946763
 Right: 0.031 +/- 0.000 χ^2/NDF : 18556469149678224
 In: 4.234 +/- 0.000 χ^2/NDF : 1036721710432689497
 Out: -2.807 +/- 0.000 χ^2/NDF : 12419862007663620
 All: 0.525 +/- 0.000 χ^2/NDF : 25365135188626

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.582 ± 0.000

$\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$

Left Out: -8.357 ± 0.000

$\chi^2/\text{NDF}: 5923724025381481821861553786322944.0/5$

Right Out: 8.211 ± 0.000

$\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$

Left In: 7.174 ± 0.000

$\chi^2/\text{NDF}: 2901286614201537597988397513703424.0/3$

Left: -1.539 ± 0.000 $\chi^2/\text{NDF}: 54562560906505557$

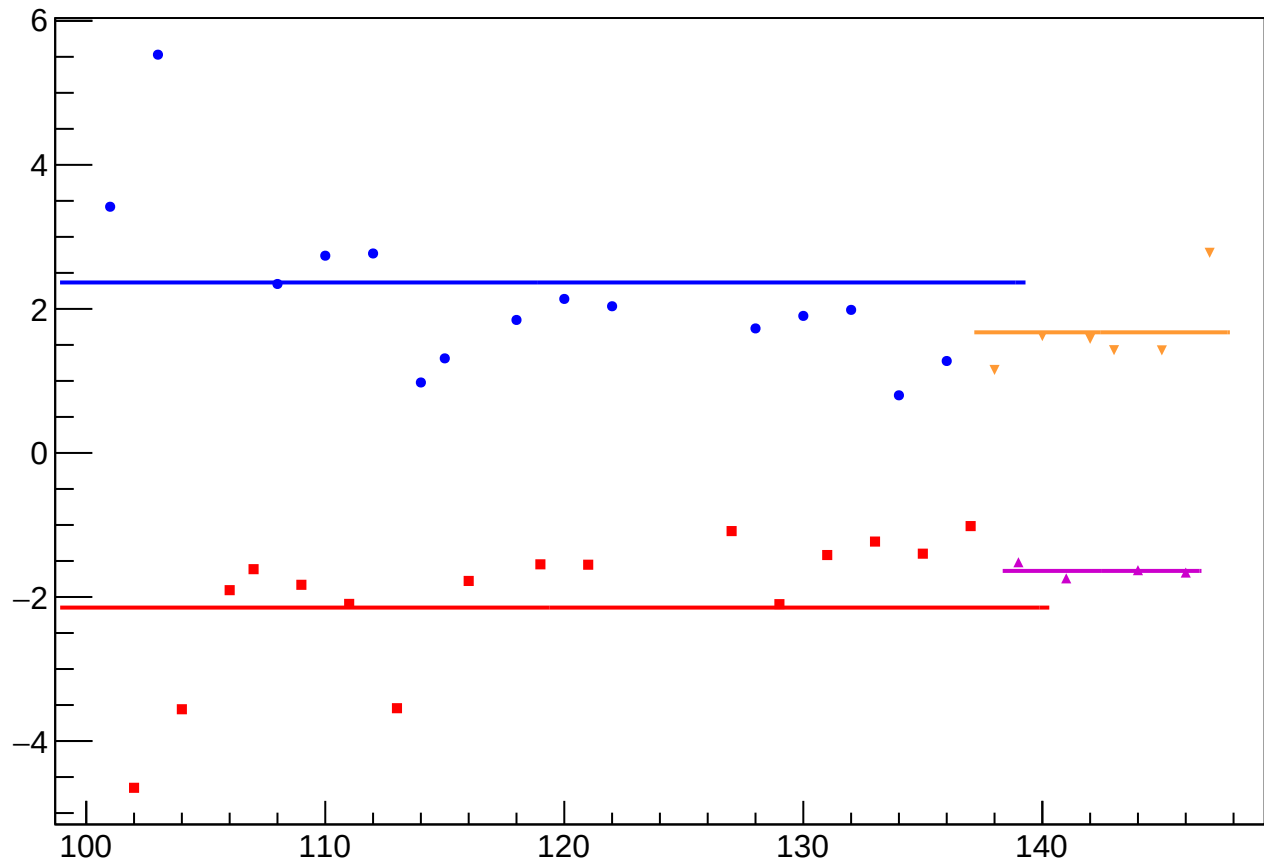
Right: -0.564 ± 0.000 $\chi^2/\text{NDF}: 1371493250181668$

In: -3.844 ± 0.000 $\chi^2/\text{NDF}: 800027047646179241$

Out: 1.699 ± 0.000 $\chi^2/\text{NDF}: 961966469682735162$

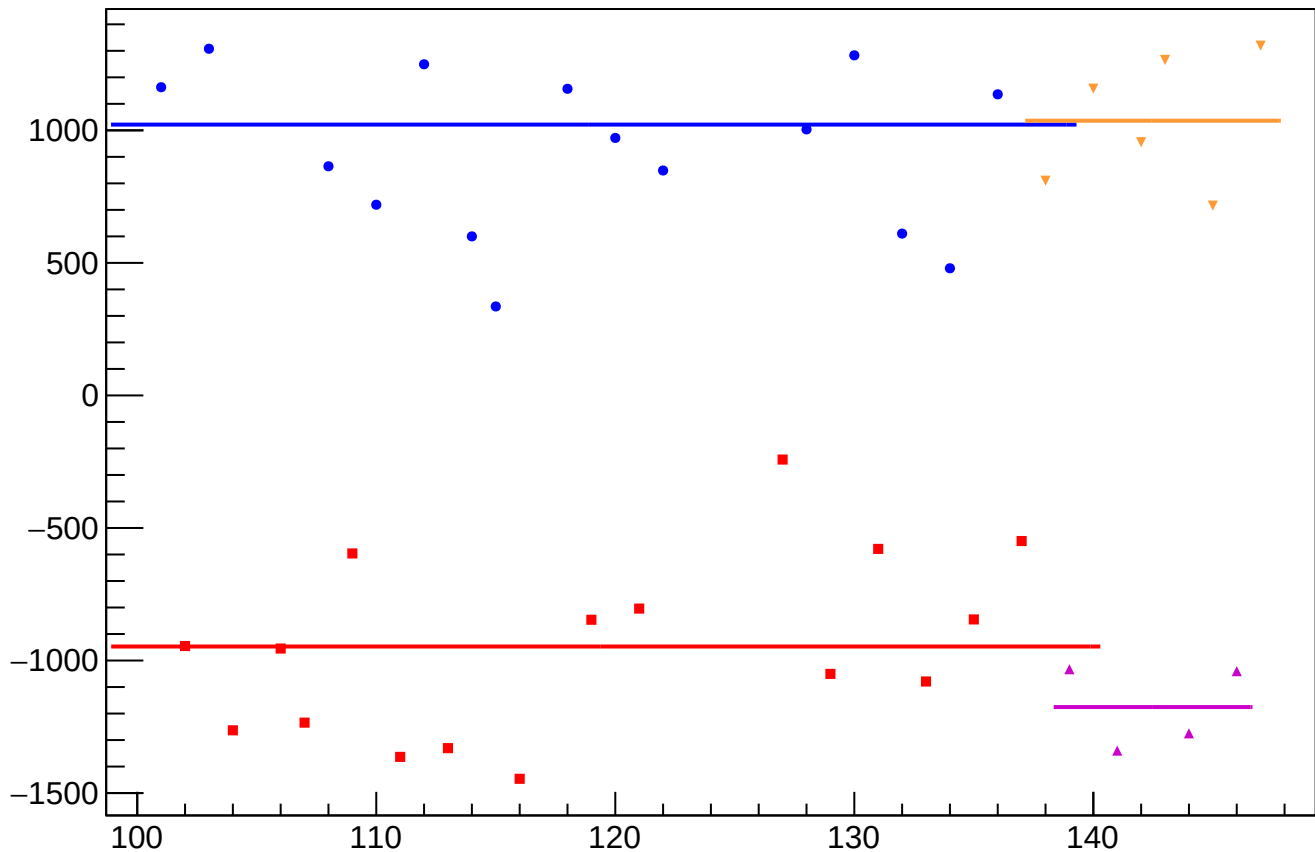
All: -0.924 ± 0.000 $\chi^2/\text{NDF}: 1921742897026$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



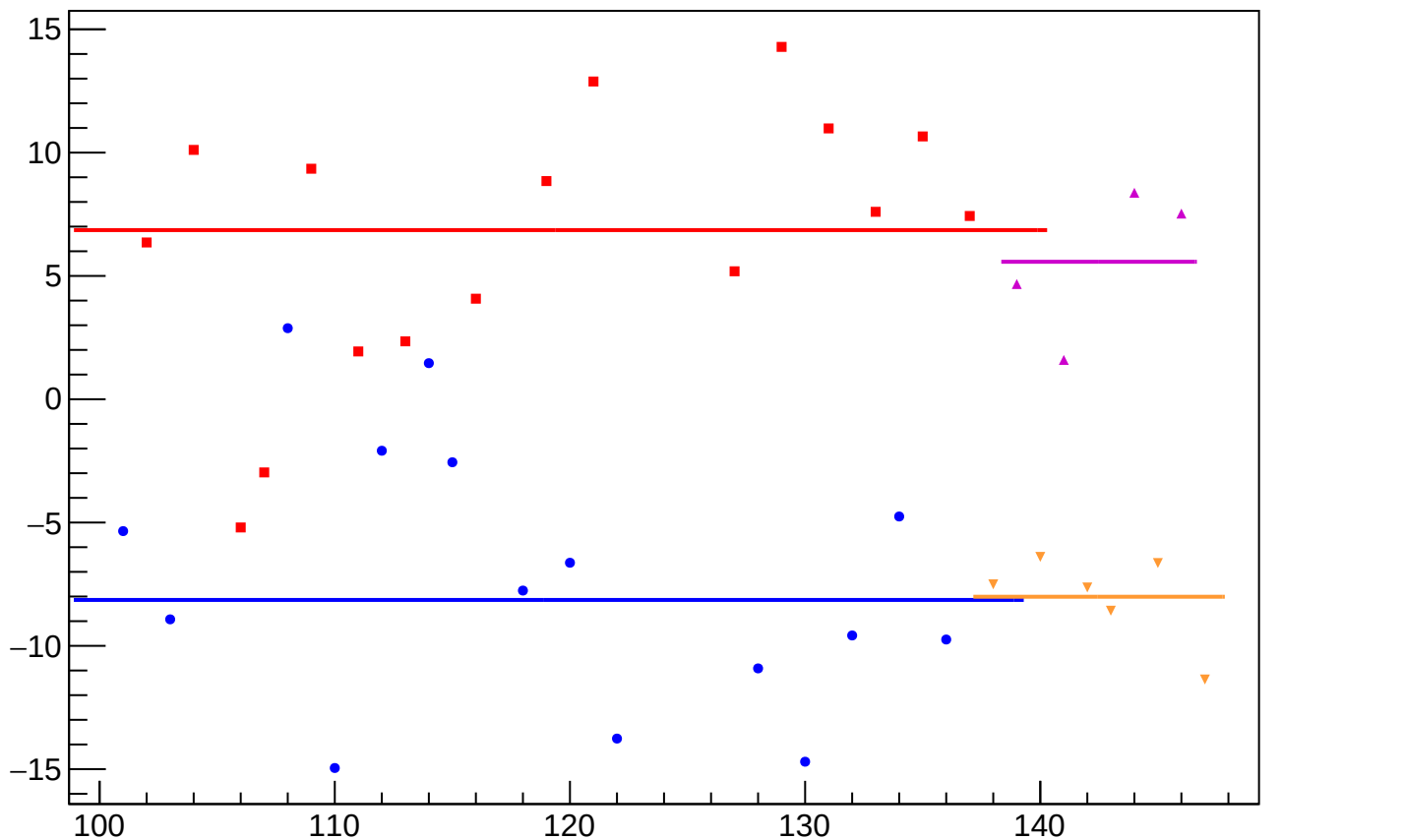
Left: 0.221 +/- 0.000 χ^2/NDF : 220943533511277115
 Right: 0.079 +/- 0.000 χ^2/NDF : 83877353838823588
 In: 0.995 +/- 0.000 χ^2/NDF : 4487614237644050776
 Out: -0.645 +/- 0.000 χ^2/NDF : 47202153543341166
 All: 0.131 +/- 0.000 χ^2/NDF : 10606906079947.0/38

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2/NDF : 2341874758871

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: -8.139+/-0.000

χ²/NDF: 14676442649222120372533779893321728.0/14

Left Out: -8.009+/-0.000

χ²/NDF: 1291130663229595373028867301179392.0/5

Right Out: 6.859+/-0.000

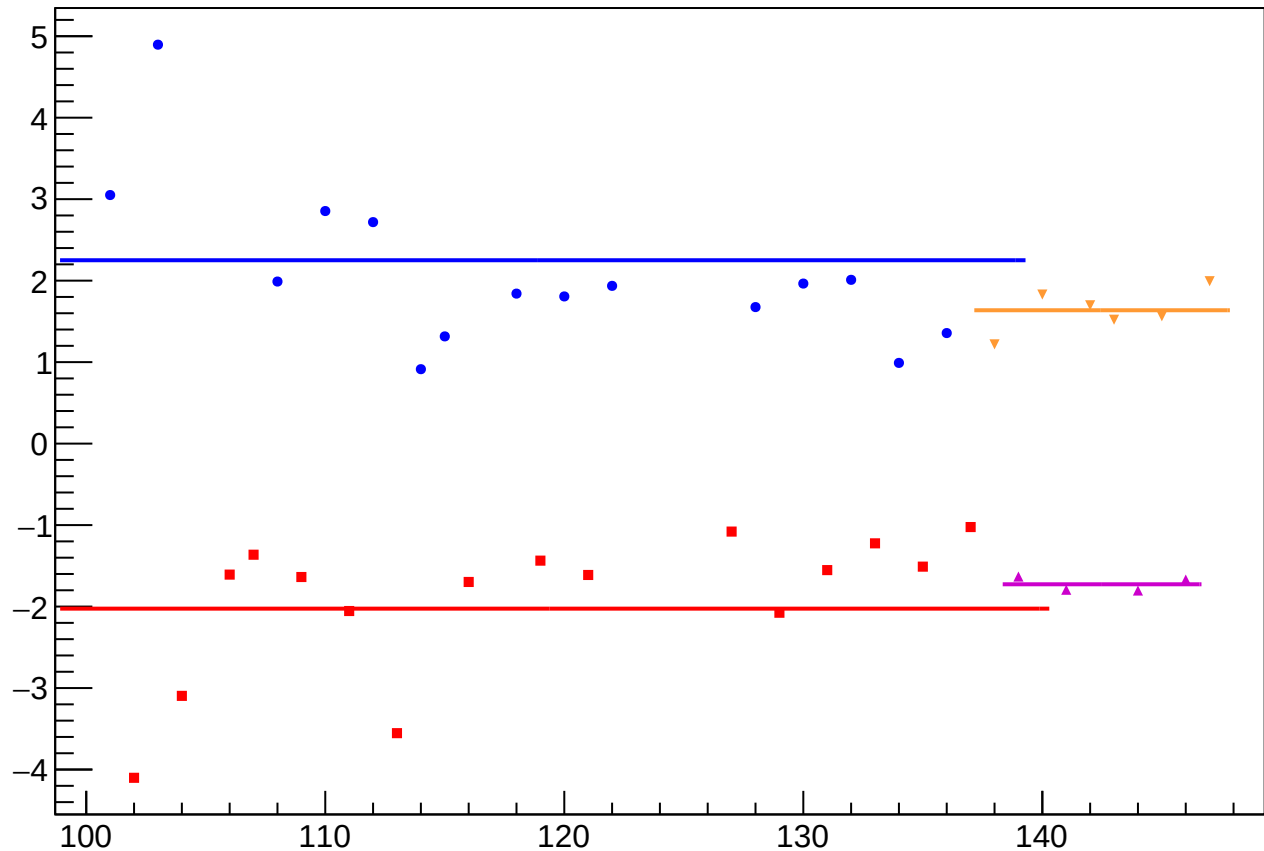
χ²/NDF: 16483631561591790731352632153079808.0/15

Left In: 5.574+/-0.000

χ²/NDF: 2425881516440443180454577918967808.0/3

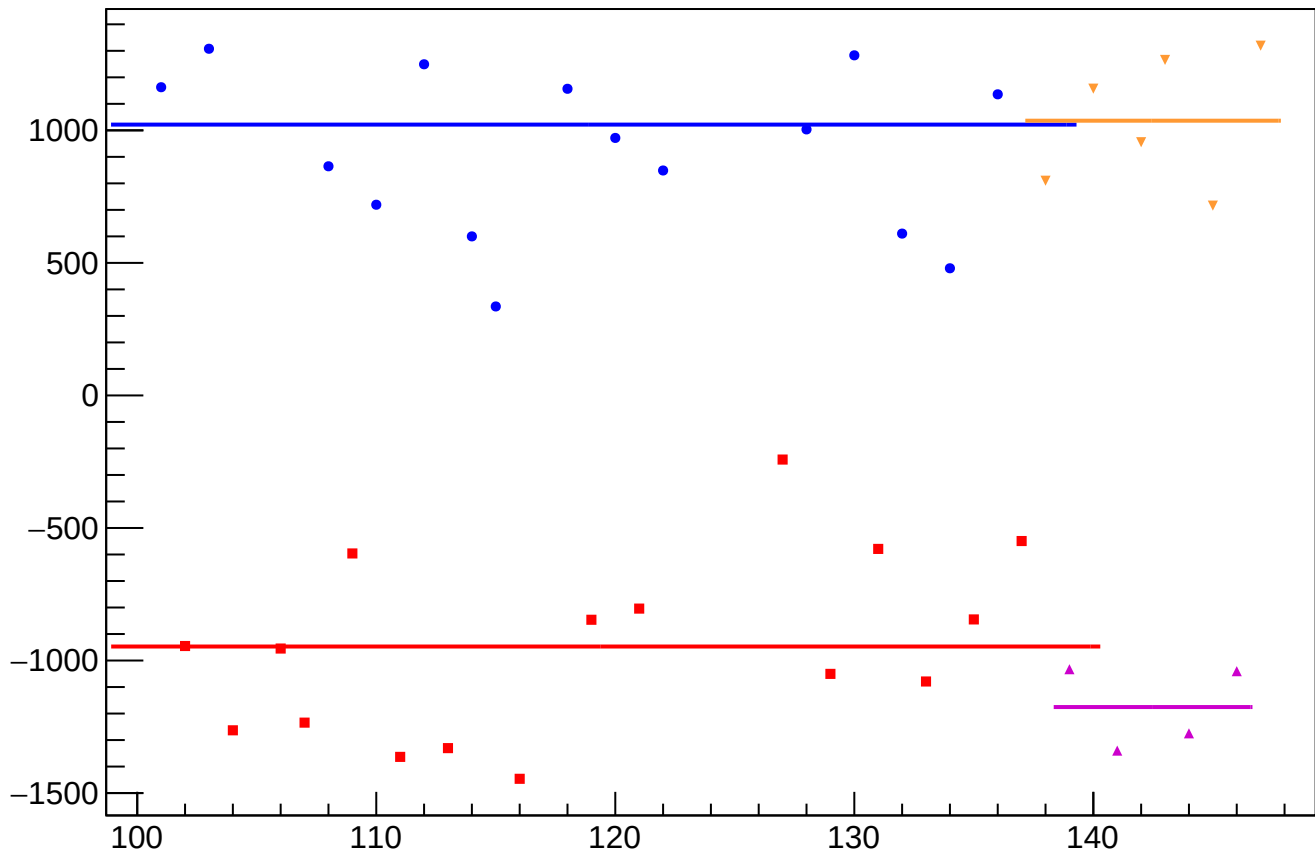
Left: -2.047+/-0.000 χ²/NDF: 38703753489417369
 Right: -0.537+/-0.000 χ²/NDF: 1051474549999360
 In: -3.443+/-0.000 χ²/NDF: 588944692272594931
 Out: 1.014+/-0.000 χ²/NDF: 757321322384337872
 All: -1.095+/-0.000 χ²/NDF: 1449576509207

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Left: 0.160 +/- 0.000 χ^2/NDF : 217481246844059786
 Right In: 2.250 +/- 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Right: 0.083 +/- 0.000 χ^2/NDF : 72492579677619162
 Left Out: 1.637 +/- 0.000 χ^2/NDF : 28145871520959003578319998287872.0/5
 In: 0.889 +/- 0.000 χ^2/NDF : 4173665910676833683
 Right Out: -2.025 +/- 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Out: -0.586 +/- 0.000 χ^2/NDF : 41228410440085107
 Left In: -1.726 +/- 0.000 χ^2/NDF : 1913924577893264607933844422656.0/3
 All: 0.112 +/- 0.000 χ^2/NDF : 94269572464965

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000

Left Out: 1036.417 $\pm$ 0.000

Right Out: -947.145 $\pm$ 0.000

Left In: -1175.482 $\pm$ 0.000

χ^2 /NDF: 40493101470870278397836276403592495104.0/14

χ^2 /NDF: 23583550491509628507489682930003869696.0/5

χ^2 /NDF: 67784656011936521511169668028018196480.0/15

χ^2 /NDF: 6339125095672906969903105133619707904.0/3

Left: 65.479 $\pm$ 0.000 χ^2 /NDF: 95769256436122336

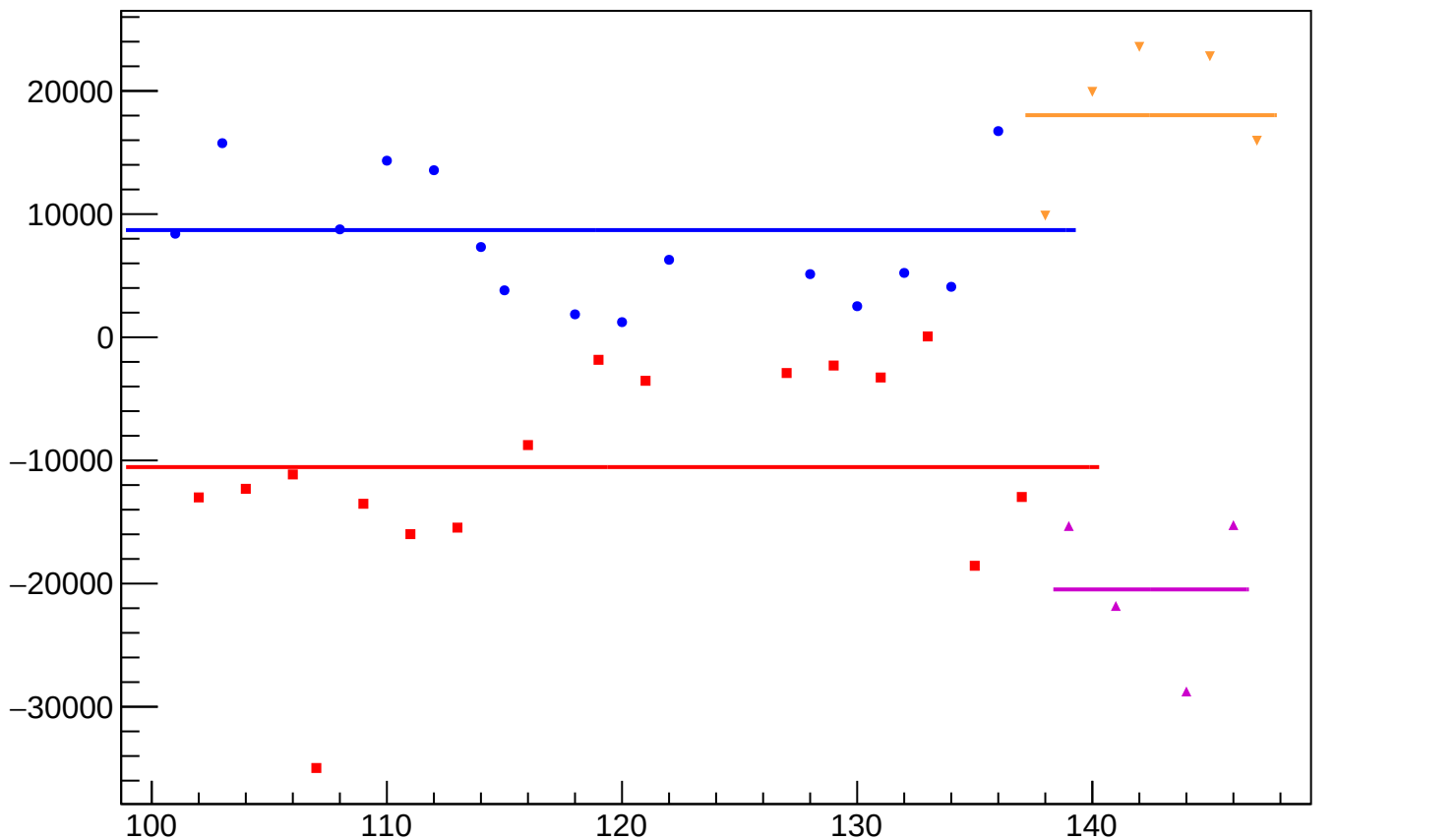
Right: 23.805 $\pm$ 0.000 χ^2 /NDF: 1383338523153511

In: 269.260 $\pm$ 0.000 χ^2 /NDF: 11197591260075728

Out: -167.438 $\pm$ 0.000 χ^2 /NDF: 112294957309032

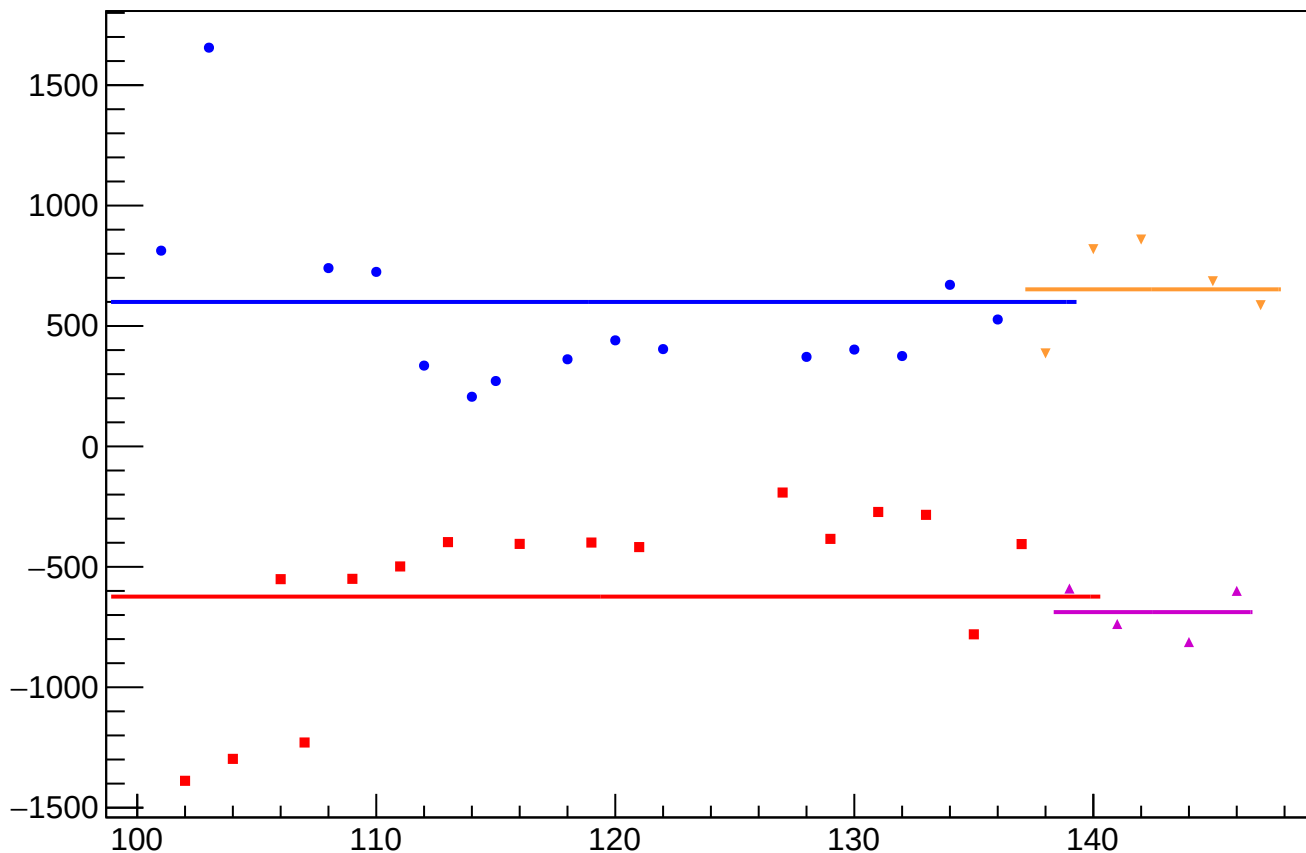
All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -482.233+/-0.000 χ^2/NDF : 279959208366444
 Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Right: -1049.596+/-0.000 χ^2/NDF : 1875271262832
 Left Out: 18031.380+/-0.000 χ^2/NDF : 9081307261789563994543525717140412825600.0/4
 In: -1288.754+/-0.000 χ^2/NDF : 219390981109532
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Out: -434.377+/-0.000 χ^2/NDF : 247874591410821
 Left In: -20474.743+/-0.000 χ^2/NDF : 10673994843113895965350932707553088372736.0/3
 All: -852.045+/-0.000 χ^2/NDF : 46763383655

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 599.849 +/- 0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

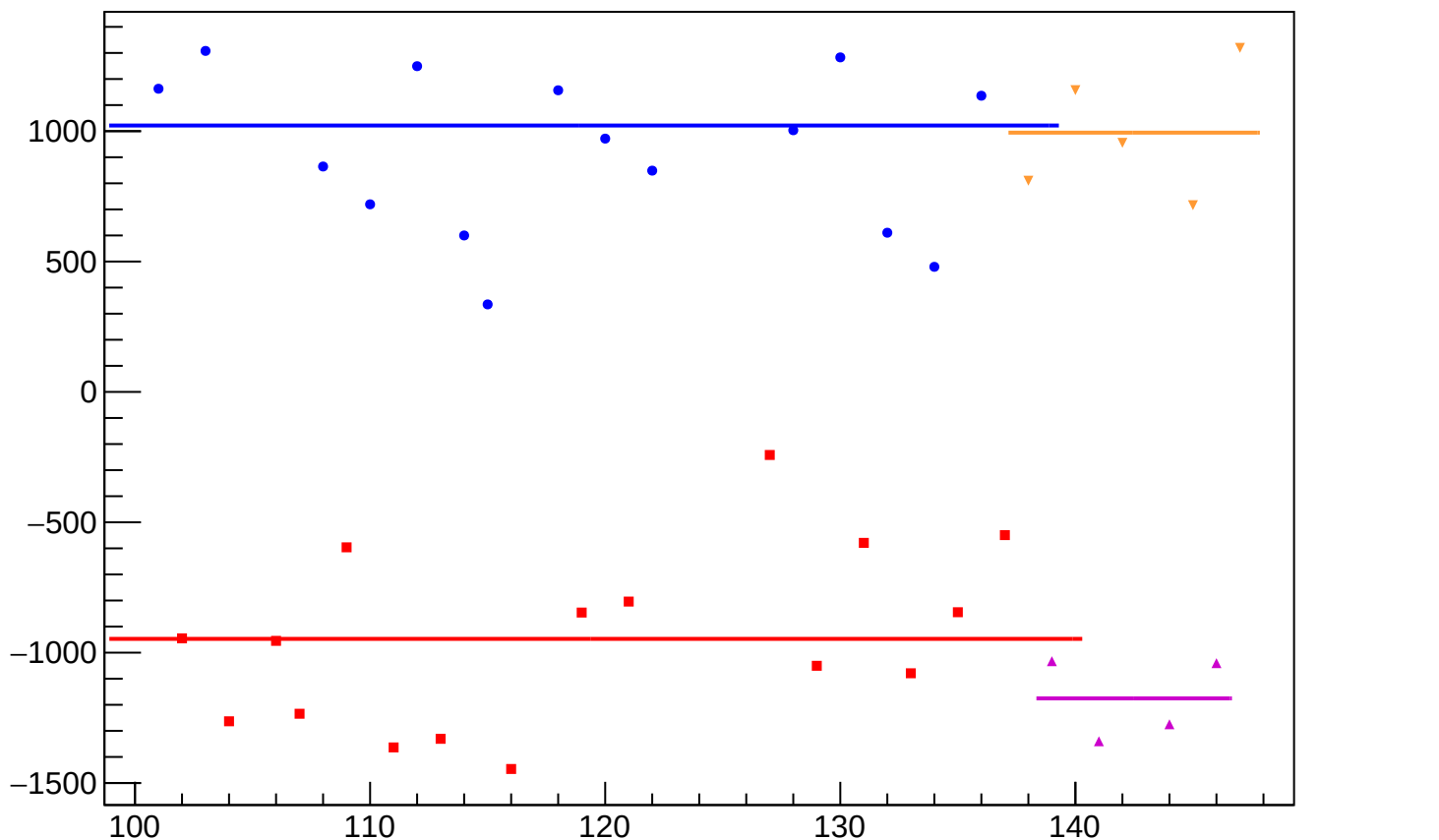
Left Out: 652.202 +/- 0.000 χ^2/NDF : 10193023581195854766639304346794196992.0/4

Right Out: -623.569 +/- 0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: -687.934 +/- 0.000 χ^2/NDF : 3003934531477629677262360708487577600.0/3

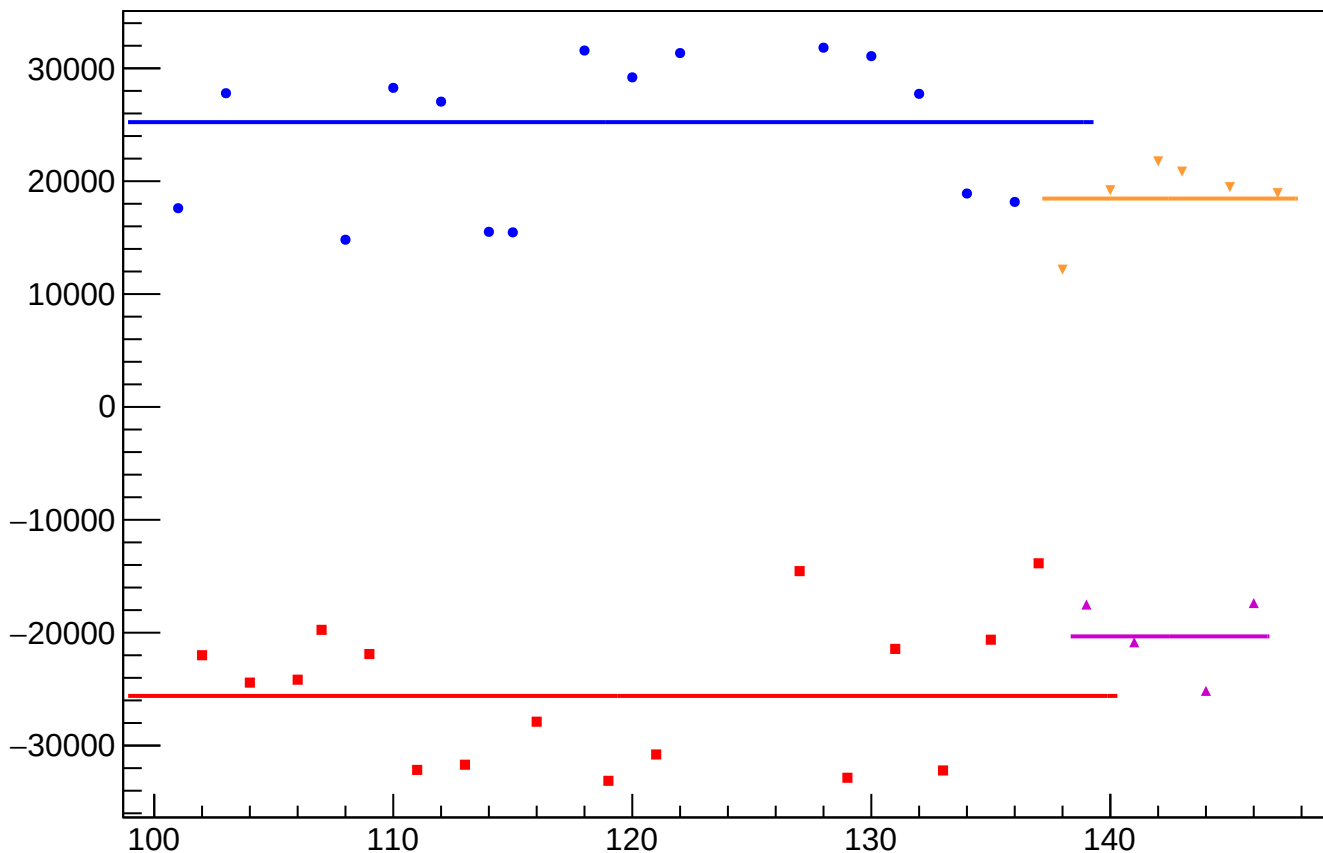
All: -10.444 +/- 0.000 χ^2/NDF : 101178059922

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



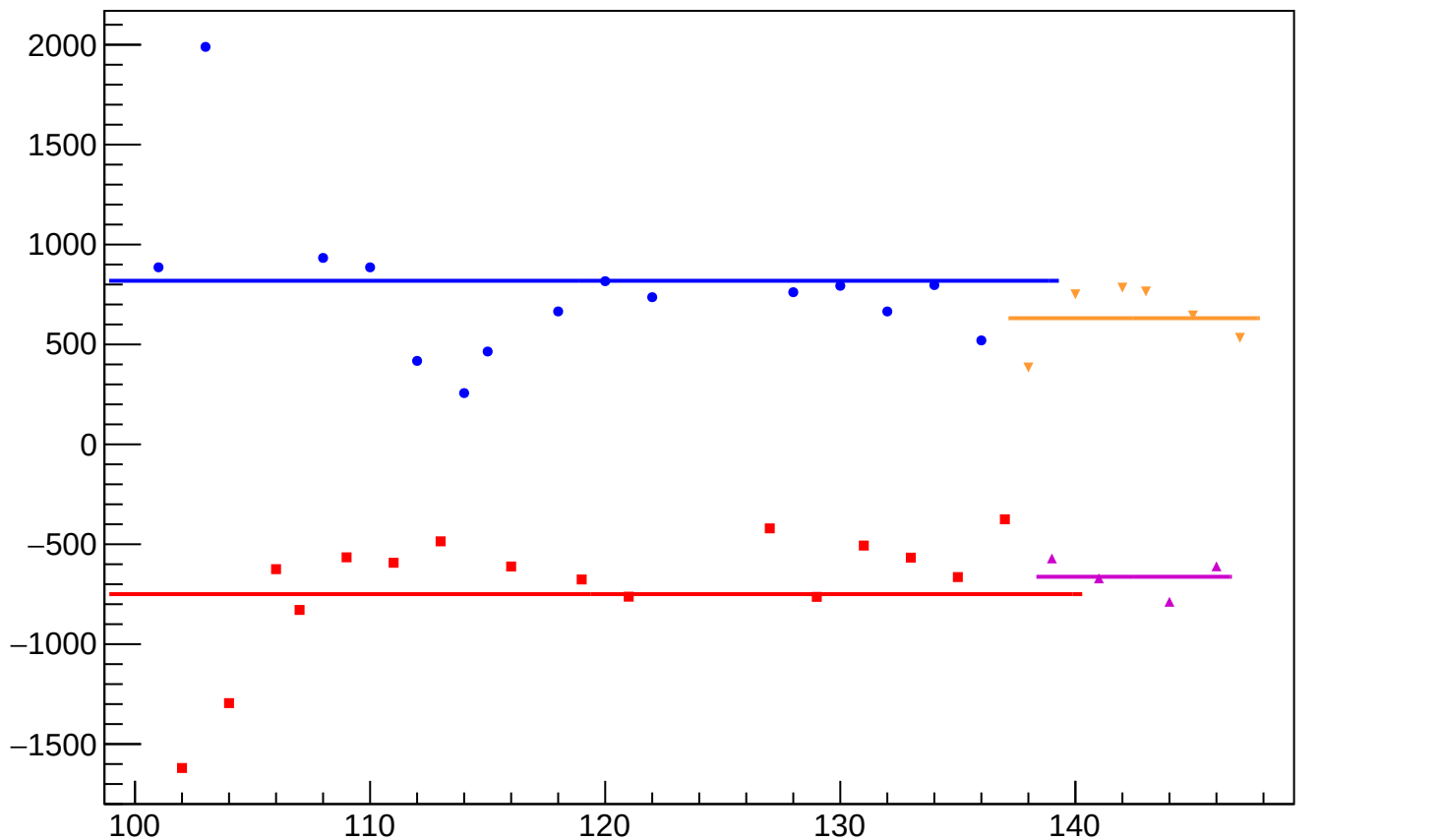
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 994.334 $\pm$ 0.000 χ^2 /NDF: 19415785489546804094658707230967201792.0/4
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: -1.513 $\pm$ 0.000 χ^2 /NDF: 2237744639740

dit_usr_coil7_mean vs Slug, Sign Corrected



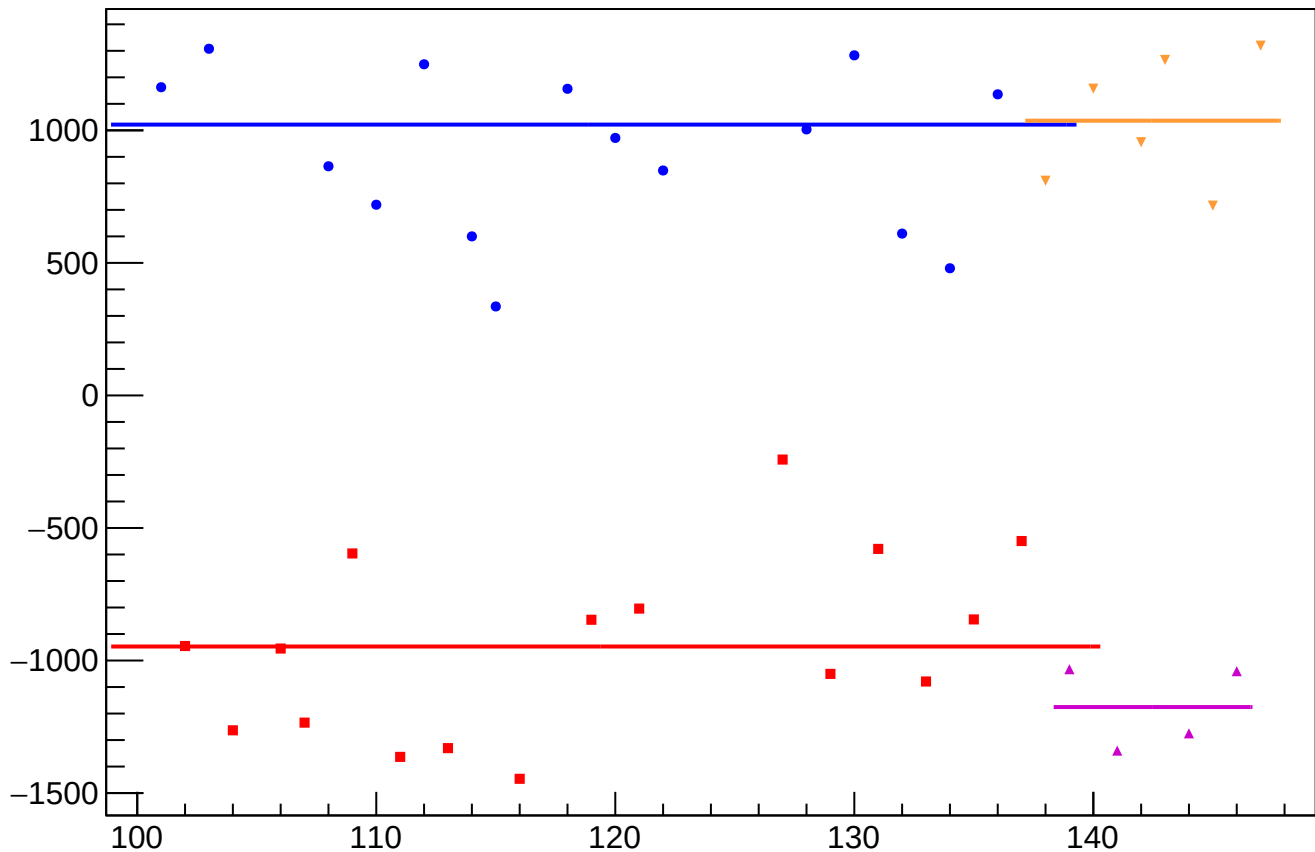
Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18461.358+/-0.000 χ^2/NDF : 4121685180657138066467690433735565508608.0/5
 Right Out: -25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -20327.221+/-0.000 χ^2/NDF : 3464130717094535629752626872769411284992.0/3
 All: 193.814+/-0.000 χ^2/NDF : 119366536163

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14
 Left Out: 631.358 $\pm$ 0.000 χ^2 /NDF: 8960375290926776104894420317565353984.0/5
 Right Out: -749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15
 Left In: -662.771 $\pm$ 0.000 χ^2 /NDF: 2308725724070213192726240447451627520.0/3
 All: 38.361 $\pm$ 0.000 χ^2 /NDF: 1322270949135

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1036.417+/-0.000

Right Out: -947.145+/-0.000

Left In: -1175.482+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 23583550491509628507489682930003869696.0/5

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 6339125095672906969903105133619707904.0/3

Left: 65.479+/-0.000 χ^2/NDF : 95769256436122336

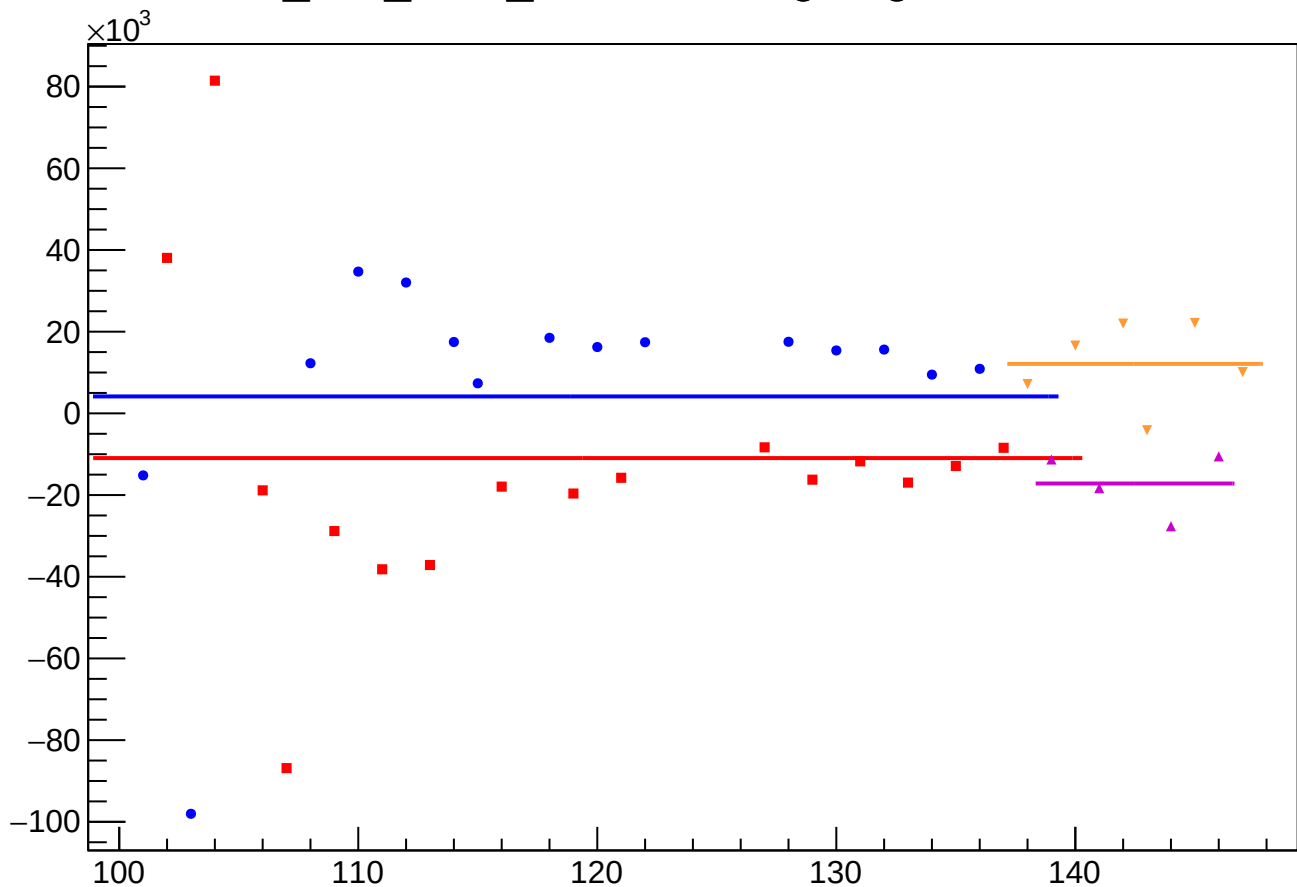
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 269.260+/-0.000 χ^2/NDF : 11197591260075728

Out: -167.438+/-0.000 χ^2/NDF : 112294957309032

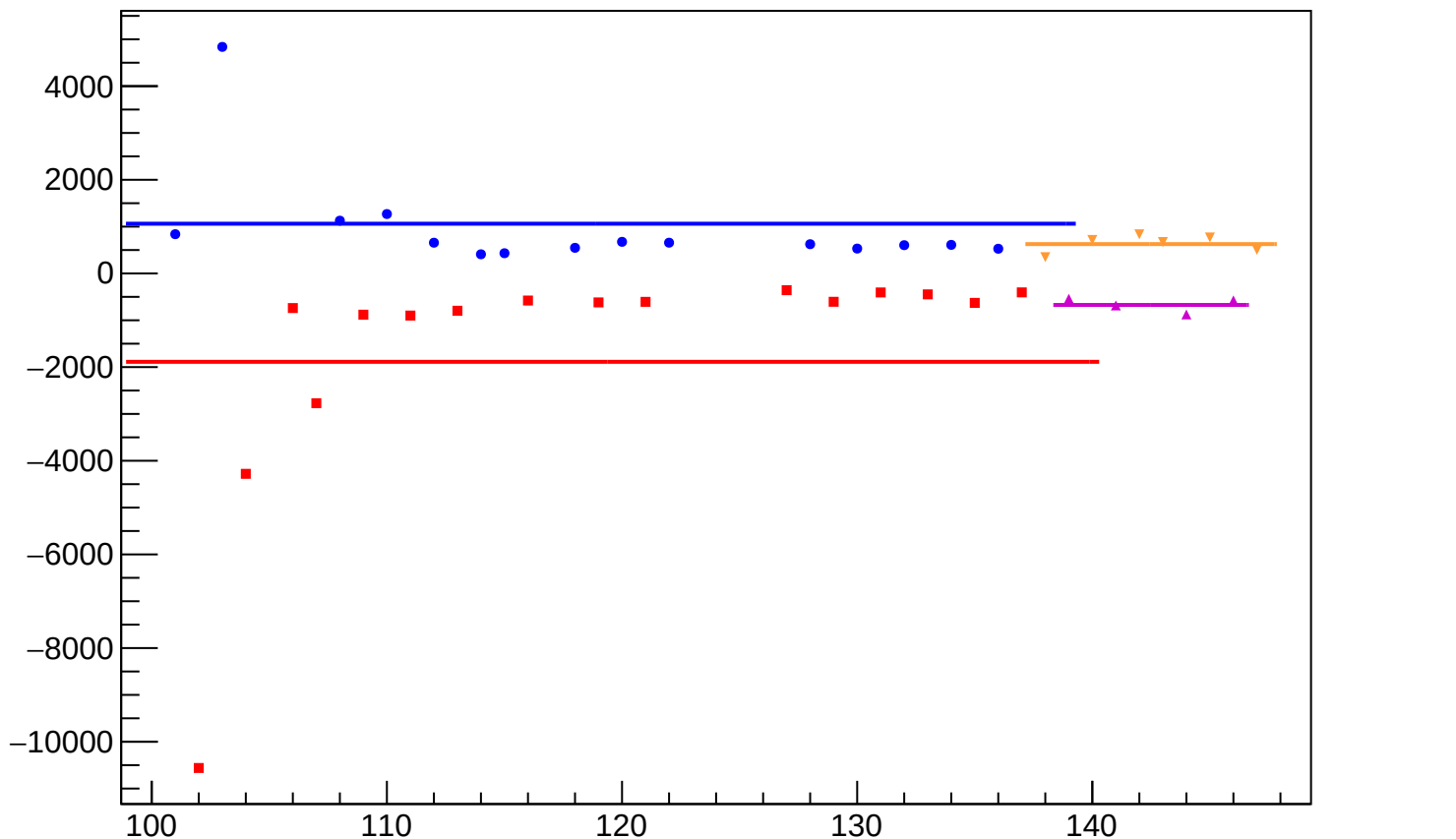
All: 39.188+/-0.000 χ^2/NDF : 2341874758871

dit_atl1_coil7_mean vs Slug, Sign Corrected



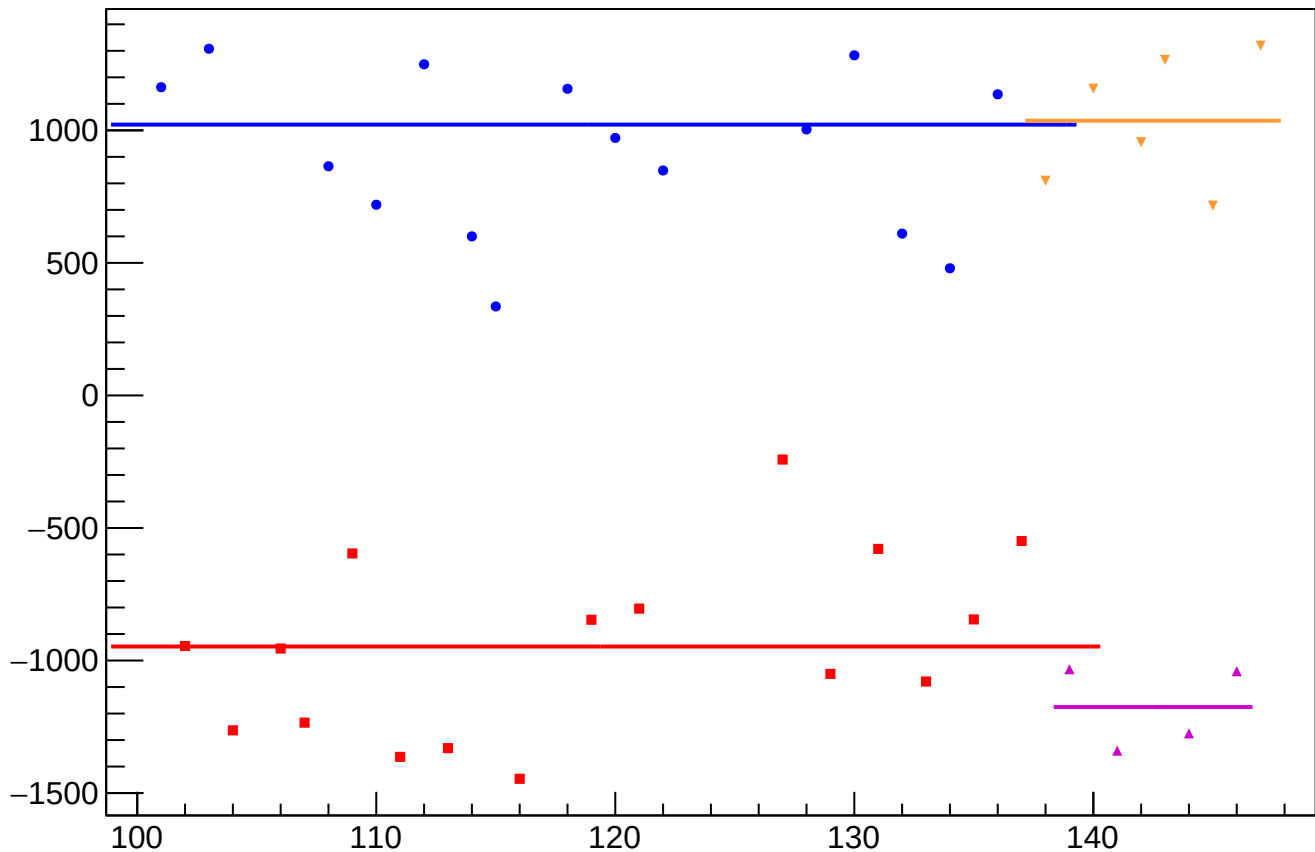
Left: -738.697 ± 0.000 $\chi^2/\text{NDF}: 213176987228427$
 Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Right: -3504.625 ± 0.000 $\chi^2/\text{NDF}: 1712578788282$
 Left Out: 12119.473 ± 0.000 $\chi^2/\text{NDF}: 34150055797565209429187687379429190795264.0/5$
 In: -3155.147 ± 0.000 $\chi^2/\text{NDF}: 881014614727424$
 Right Out: -10948.073 ± 0.000 $\chi^2/\text{NDF}: 873949668510327201514601463115396191092736.0/15$
 Out: -1880.575 ± 0.000 $\chi^2/\text{NDF}: 10476127363499$
 Left In: -17172.808 ± 0.000 $\chi^2/\text{NDF}: 16316224083410241405018270326625241399296.0/3$
 All: -2483.645 ± 0.000 $\chi^2/\text{NDF}: 1929472103$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



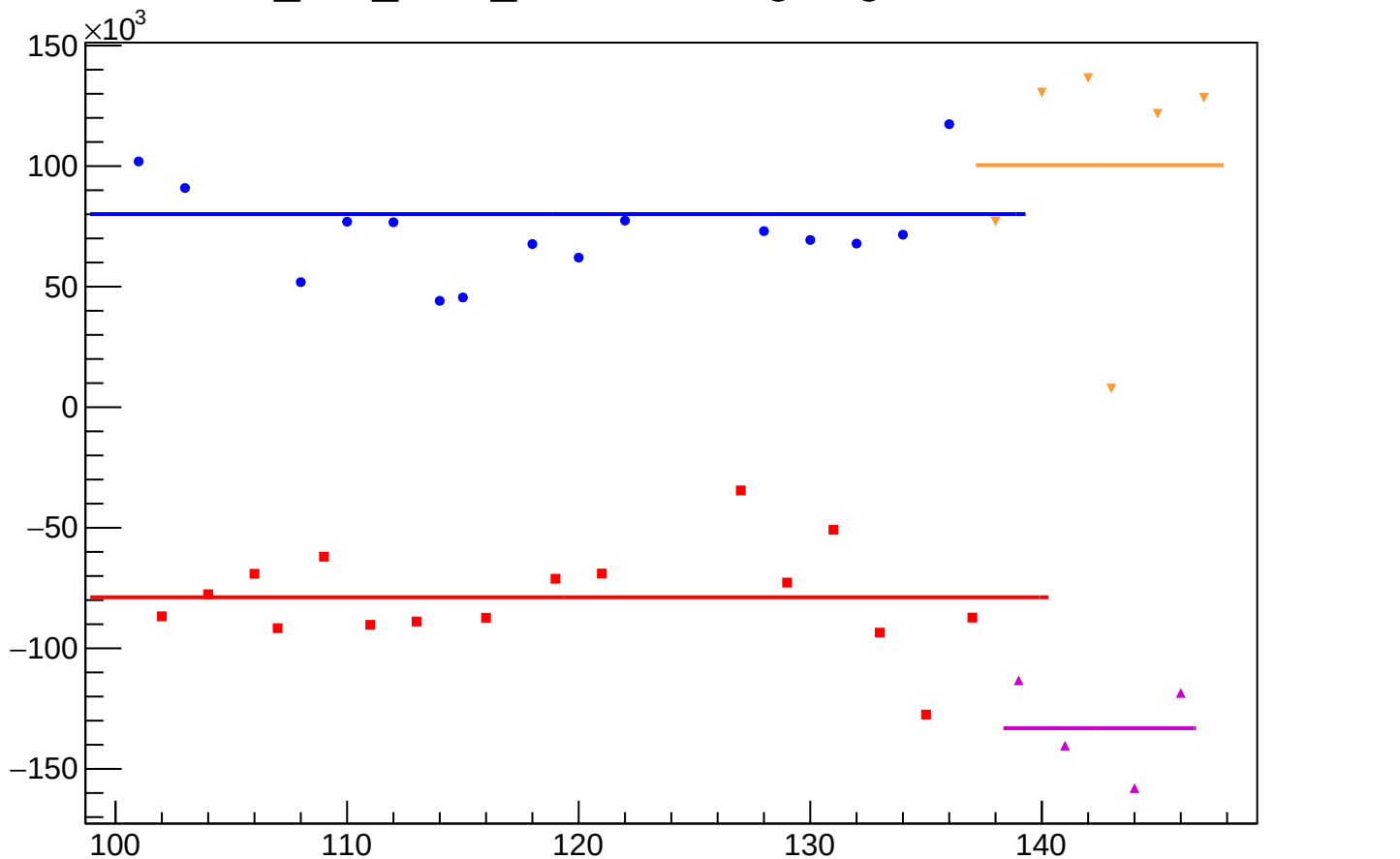
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 626.423+/-0.000 χ^2/NDF : 11685189787136669991956576860924542976.0/5
 Right Out: -1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: -672.947+/-0.000 χ^2/NDF : 5853581171404083911446709111036575744.0/3
 All: -252.250+/-0.000 χ^2/NDF : 97934624933

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



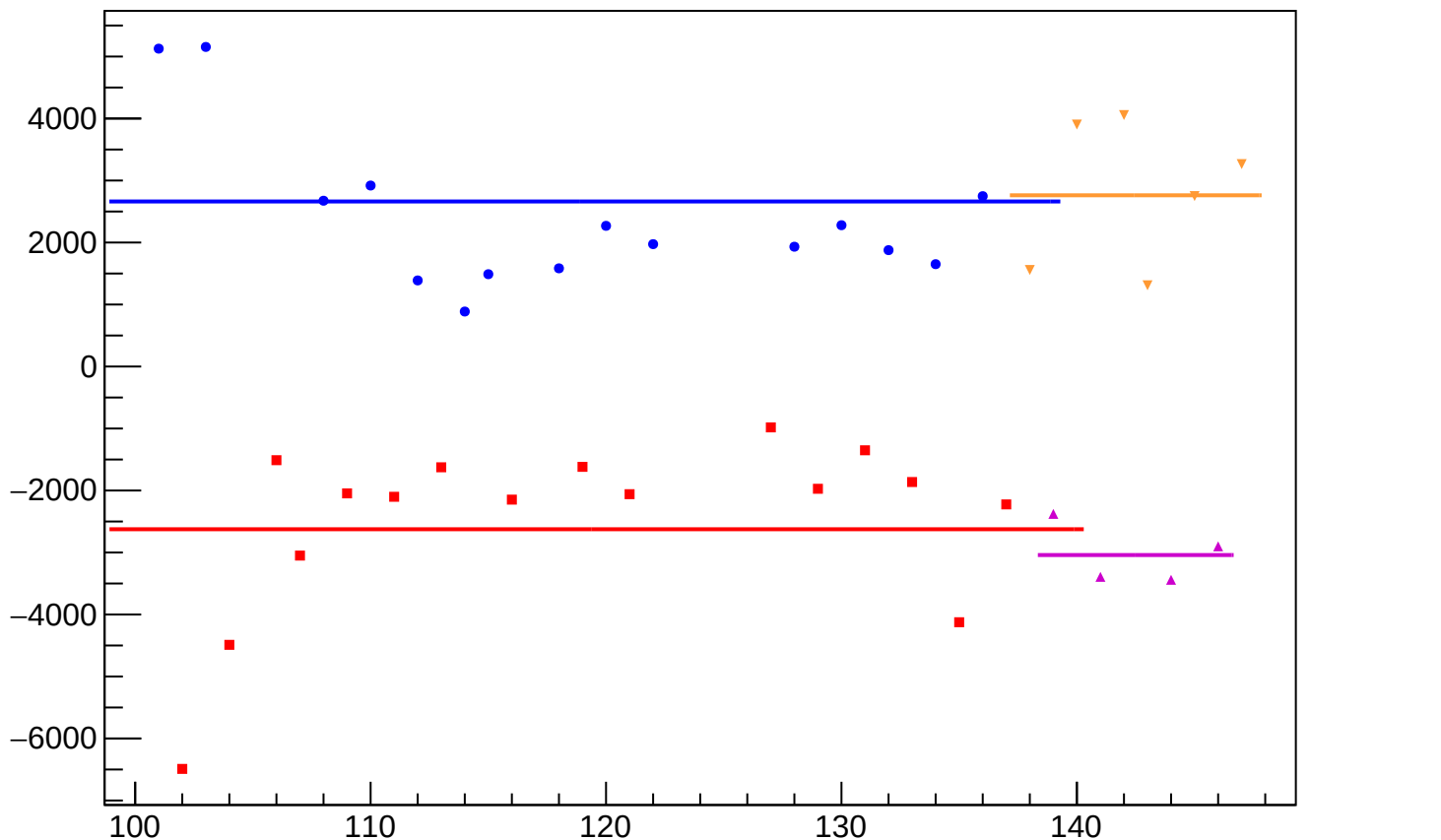
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_atl2_coil7_mean vs Slug, Sign Corrected



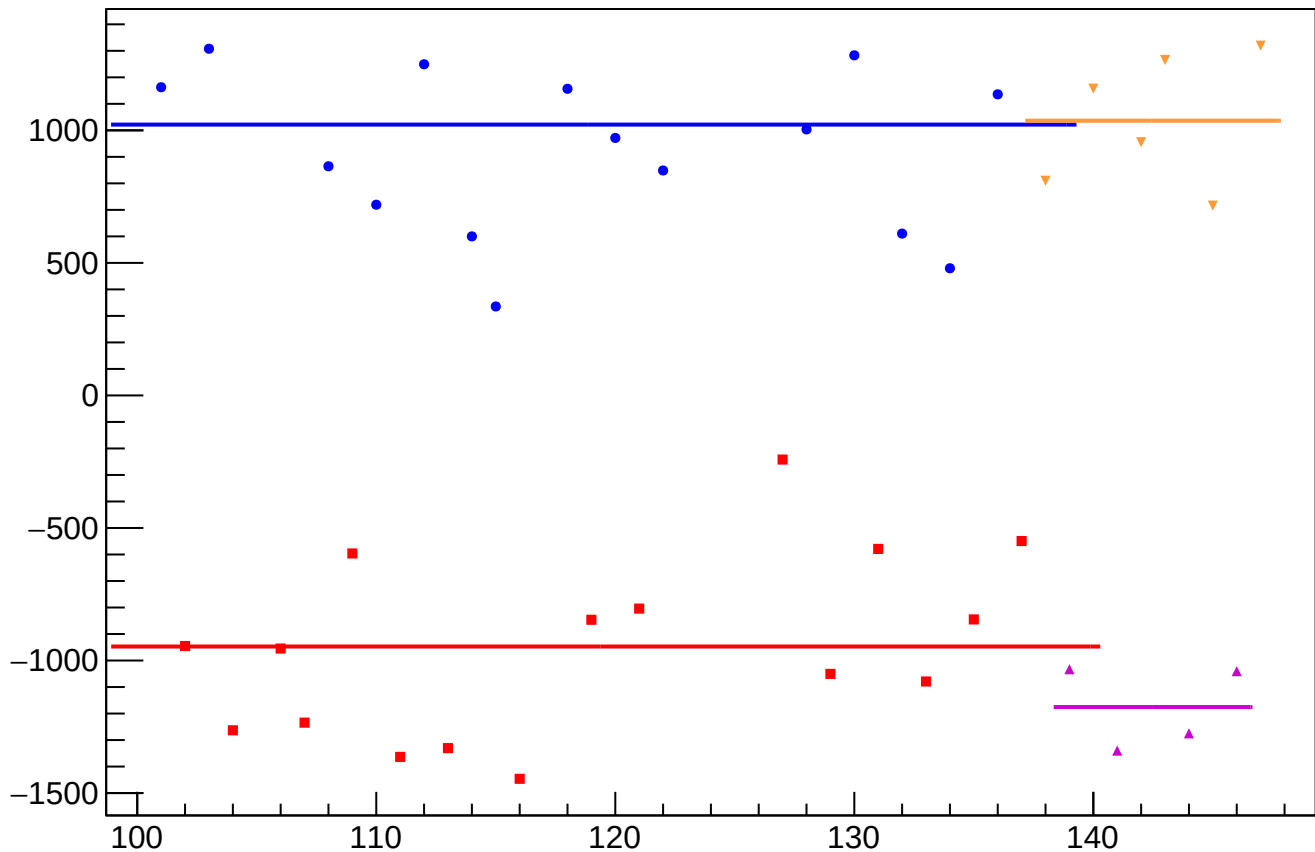
Right In: 80102.504 ± 0.000 $\chi^2/\text{NDF}: 254521784097258654723607522631742465769472.0/14$
 Left Out: 100405.094 ± 0.000 $\chi^2/\text{NDF}: 849810376314937148823011181260781253558272.0/5$
 Right Out: -78815.832 ± 0.000 $\chi^2/\text{NDF}: 286076919217811099434470442231998185472000.0/15$
 Left In: -133130.524 ± 0.000 $\chi^2/\text{NDF}: 109058240209073738531493020807653383733248.0/3$
 All: -1057.887 ± 0.000 $\chi^2/\text{NDF}: 2015043850$

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2761.874+/-0.000 χ^2/NDF : 458017467166358300818705716761897992192.0/5
 Right Out: -2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: -3040.922+/-0.000 χ^2/NDF : 62049981843286240644980547850267000832.0/3
 All: 68.256+/-0.000 χ^2/NDF : 1872386121980

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1036.417+/-0.000

Right Out: -947.145+/-0.000

Left In: -1175.482+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 23583550491509628507489682930003869696.0/5

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 6339125095672906969903105133619707904.0/3

Left: 65.479+/-0.000 χ^2/NDF : 95769256436122336

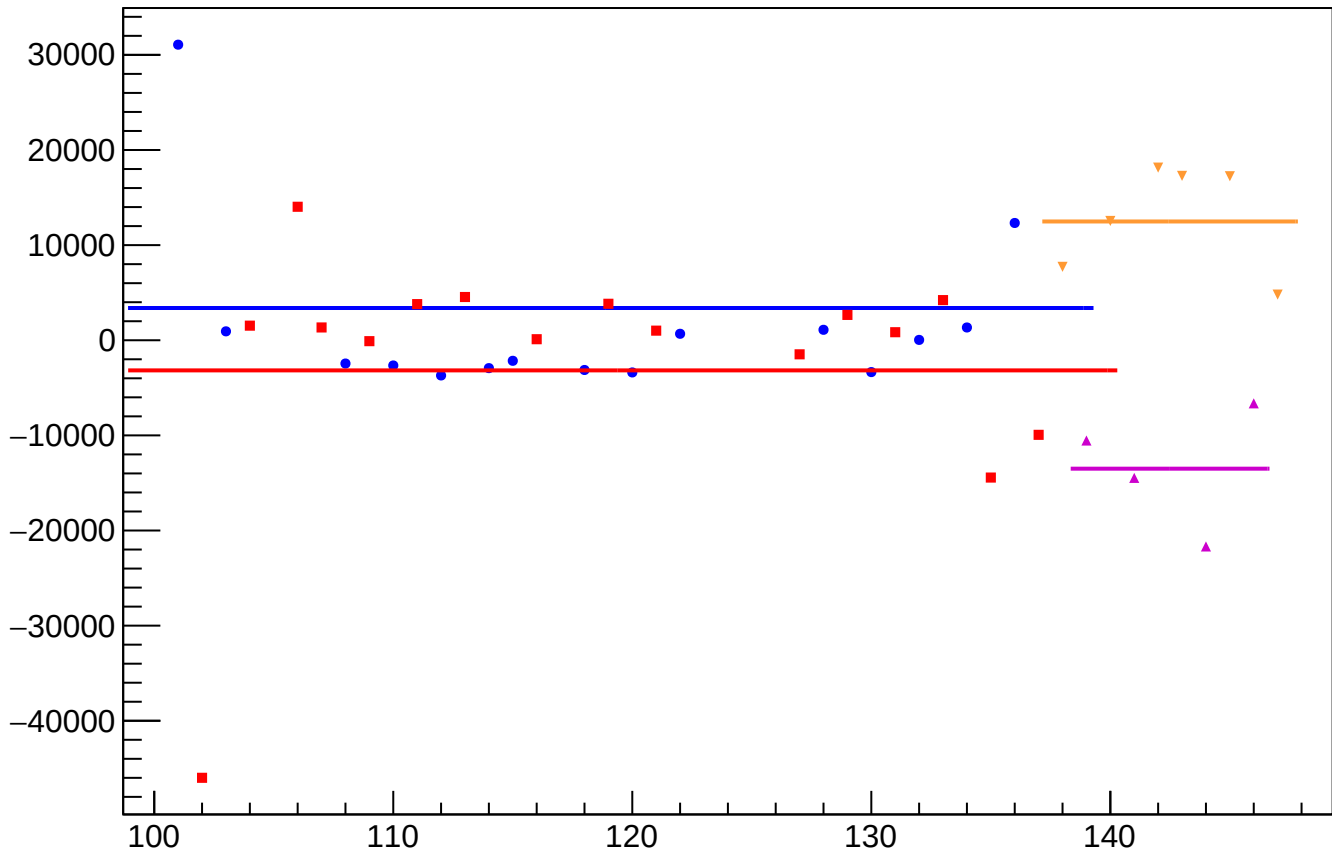
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 269.260+/-0.000 χ^2/NDF : 11197591260075728

Out: -167.438+/-0.000 χ^2/NDF : 112294957309032

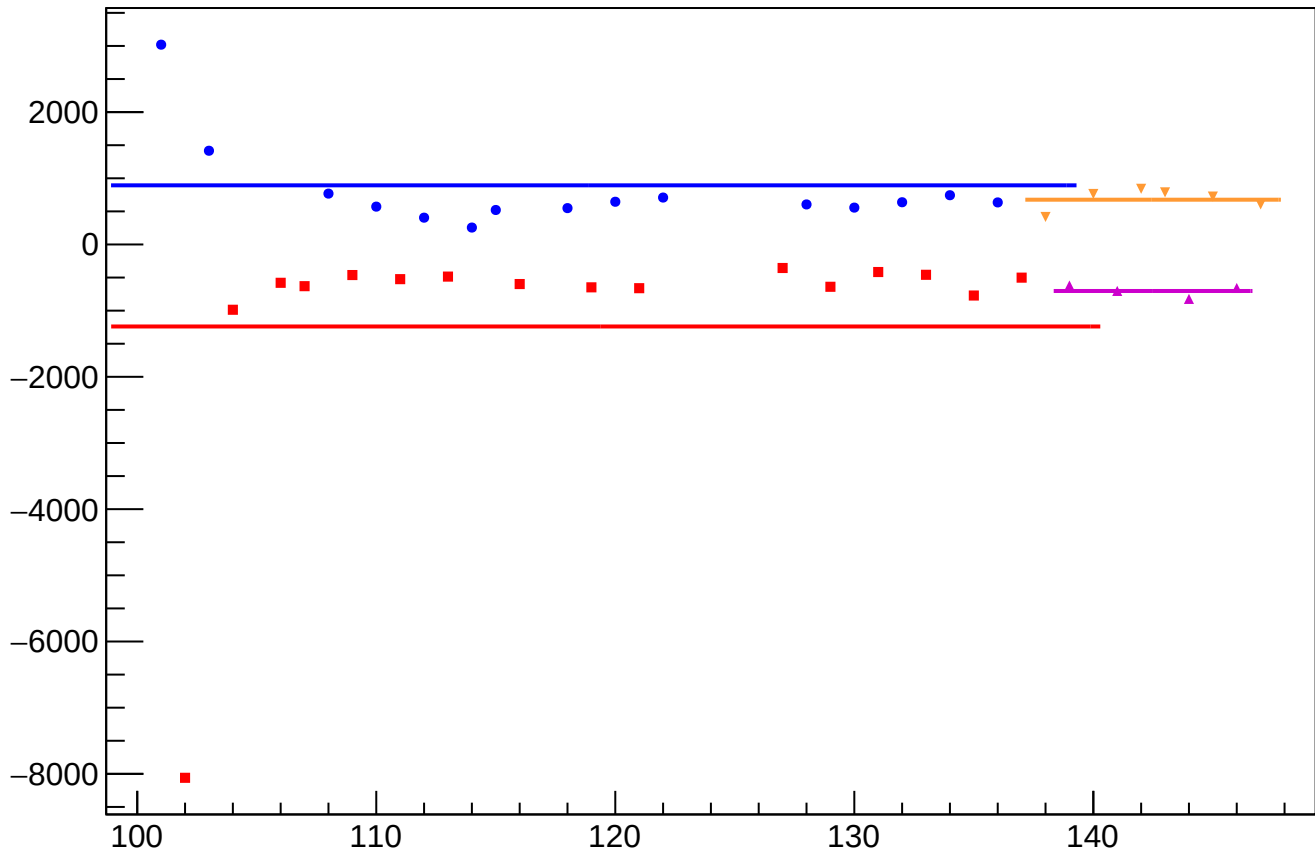
All: 39.188+/-0.000 χ^2/NDF : 2341874758871

dit_atr1_coil7_mean vs Slug, Sign Corrected



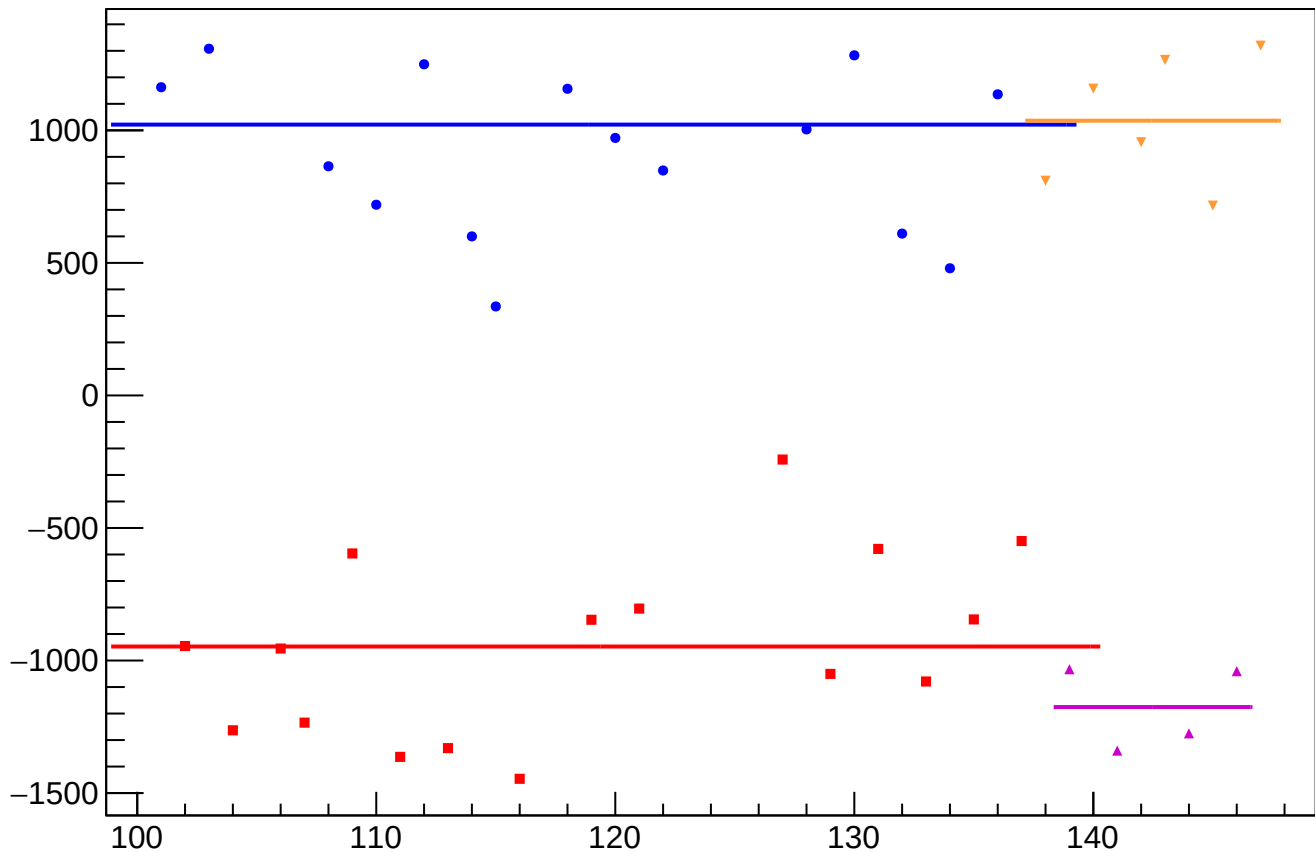
Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 12486.315+/-0.000 χ^2/NDF : 11227486996900088092798975458147060154368.0/5
 Right Out: -3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: -13499.928+/-0.000 χ^2/NDF : 10653376191380315059113741534854968770560.0/3
 All: 440.521+/-0.000 χ^2/NDF : 368206399786

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



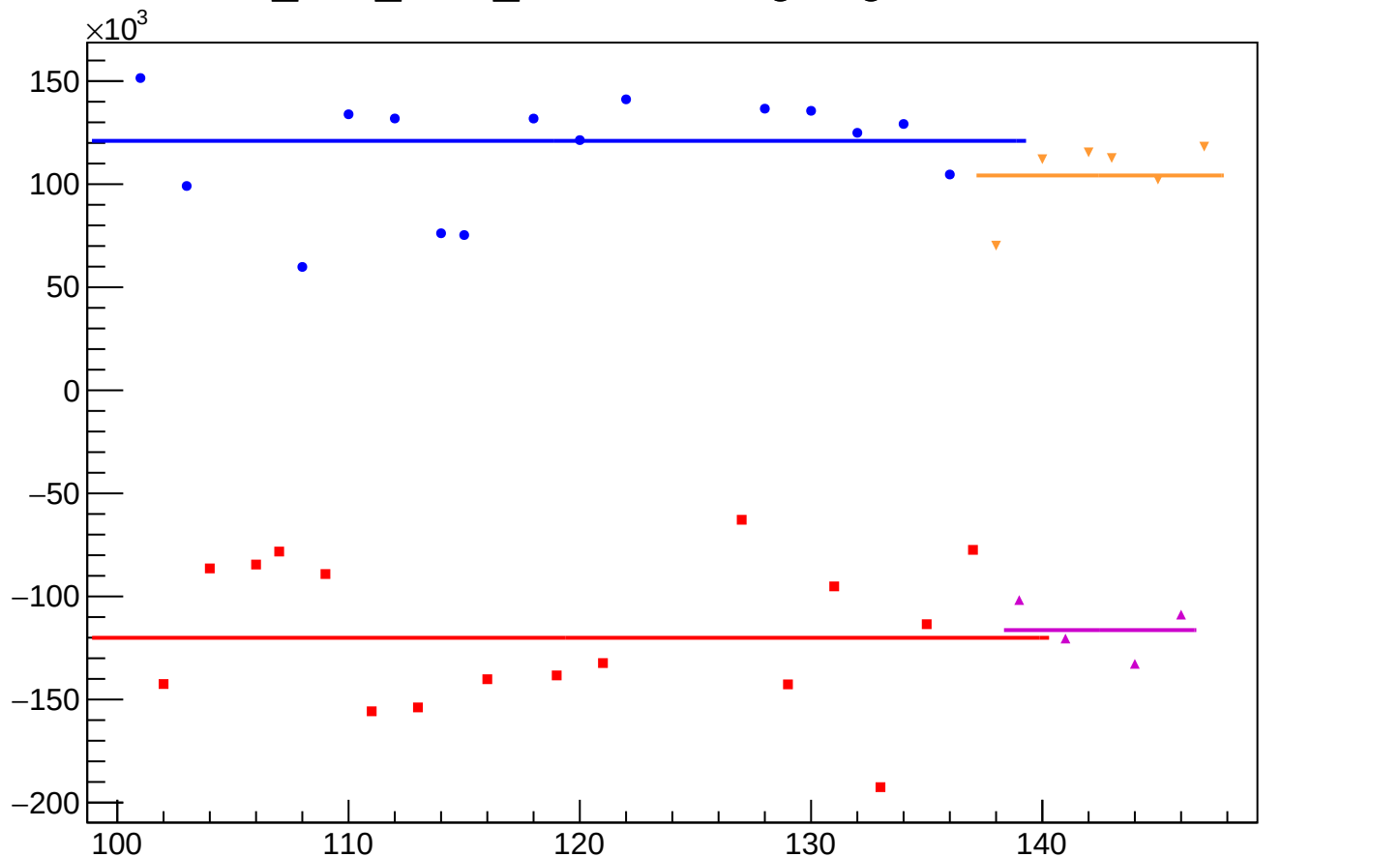
Right In: 893.683 ± 0.000 $\chi^2/\text{NDF}: 334583619078631008932404228227359309824.0/14$
 Left Out: 676.560 ± 0.000 $\chi^2/\text{NDF}: 8578438935384331714849888772546363392.0/5$
 Right Out: -1239.298 ± 0.000 $\chi^2/\text{NDF}: 2970990859486483990408108918937565003776.0/15$
 Left In: -702.984 ± 0.000 $\chi^2/\text{NDF}: 2004518702340308392190635474889474048.0/3$
 All: -92.017 ± 0.000 $\chi^2/\text{NDF}: 520602591303$

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



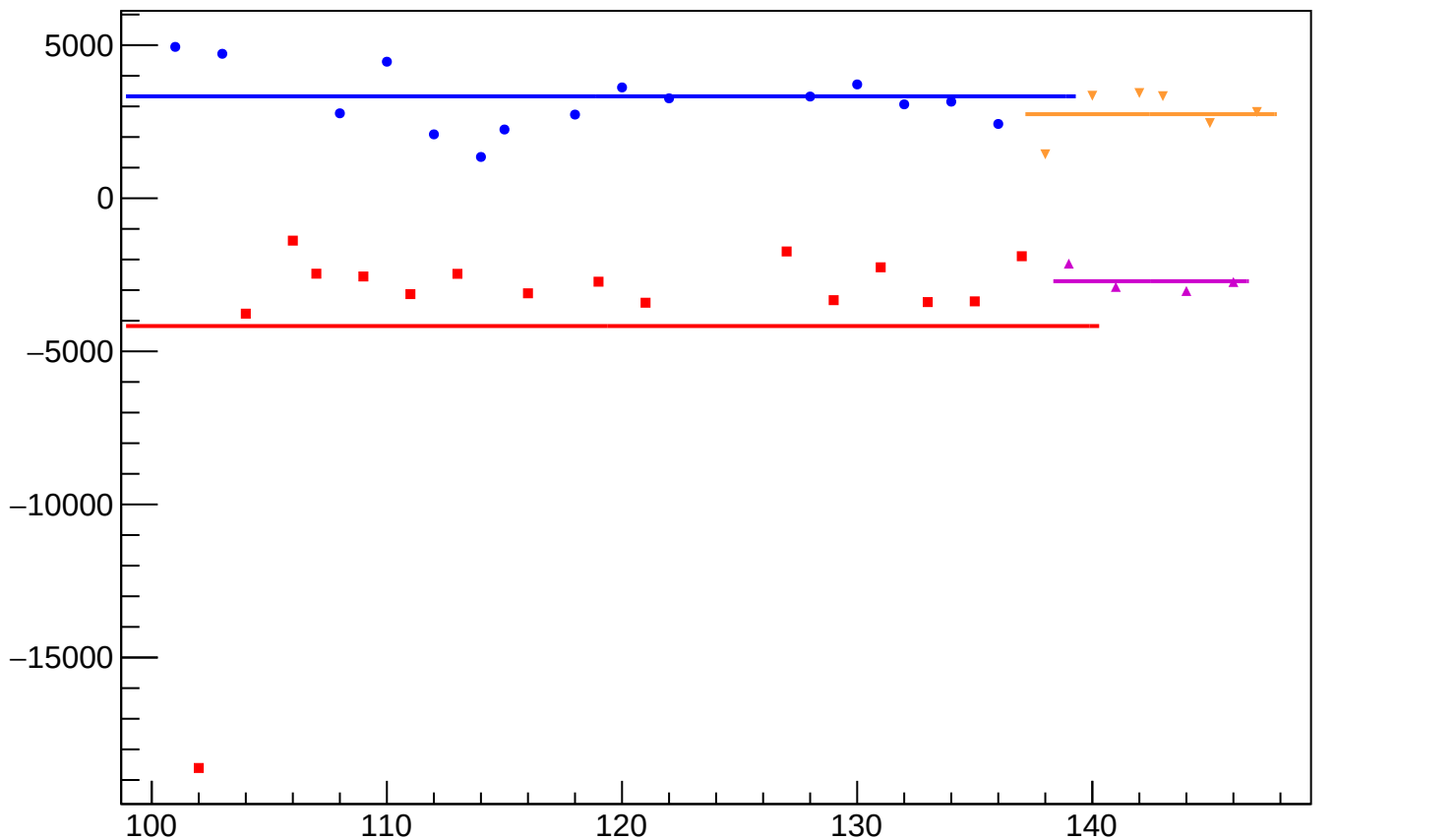
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left: 65.479+/-0.000 χ^2/NDF : 95769256436122336
 Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511
 Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 In: 269.260+/-0.000 χ^2/NDF : 11197591260075728
 Right Out: -947.145+/-0.000 χ^2/NDF : 6778465601193652151169668028018196480.0/15
 Out: -167.438+/-0.000 χ^2/NDF : 112294957309032
 Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3
 All: 39.188+/-0.000 χ^2/NDF : 2341874758871

dit_atr2_coil7_mean vs Slug, Sign Corrected



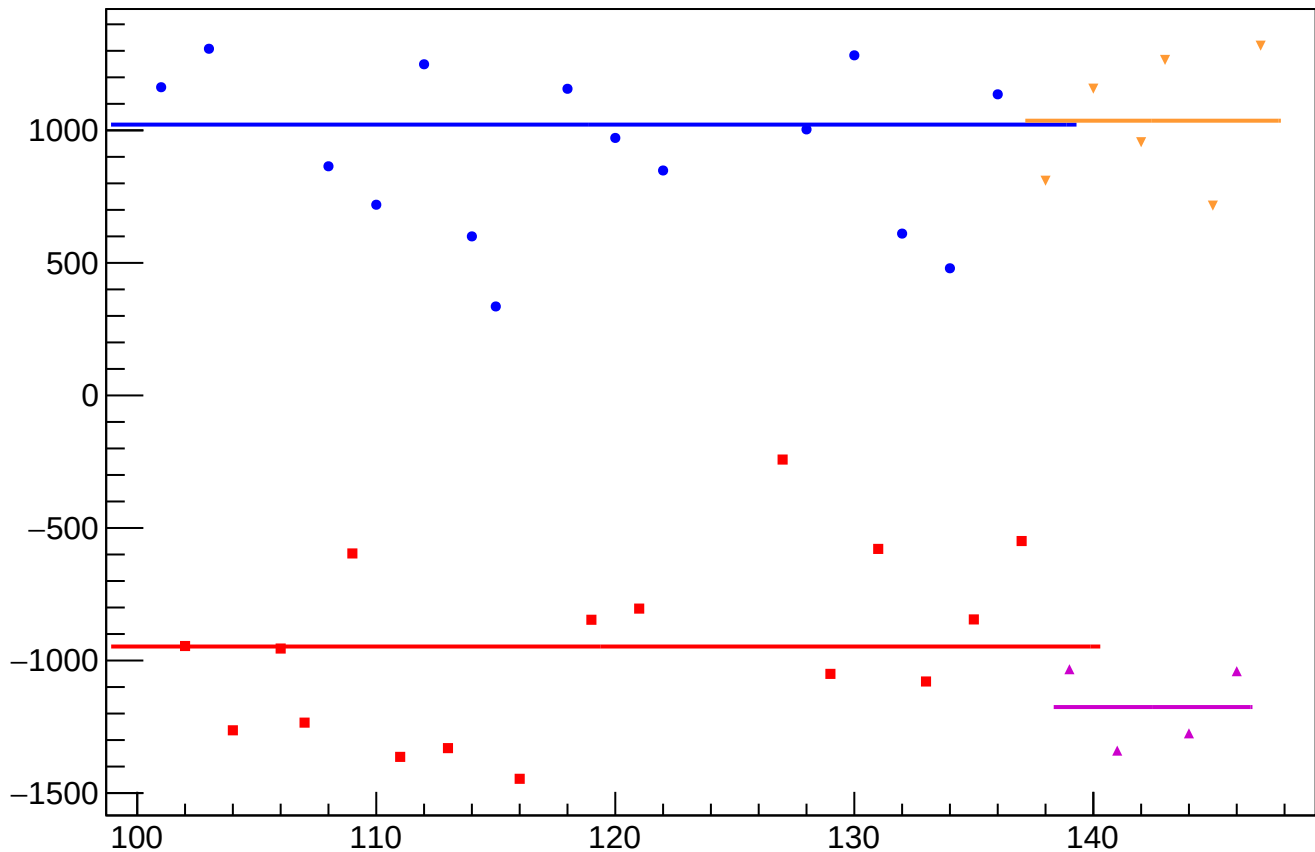
Left: 7412.009 $\pm$ 0.000 χ^2 /NDF: 939333817307229
 Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 104227.156 $\pm$ 0.000 χ^2 /NDF: 121612417170820526553310156817935959588864.0/5
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -116328.061 $\pm$ 0.000 χ^2 /NDF: 47192721591620891263505790217143309041664.0/3
 All: 1997.345 $\pm$ 0.000 χ^2 /NDF: 2973356813

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Left: 352.107+/-0.000 χ^2/NDF : 5897621548789530
 Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Right: -473.285+/-0.000 χ^2/NDF : 32582486462967
 Left Out: 2746.619+/-0.000 χ^2/NDF : 215971315093179029956638812742780715008.0/5
 In: 1261.824+/-0.000 χ^2/NDF : 870815819095364
 Right Out: -4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Out: -1453.268+/-0.000 χ^2/NDF : 26269621472441
 Left In: -2708.335+/-0.000 χ^2/NDF : 38886523694886465660942011355241644032.0/3
 All: -168.610+/-0.000 χ^2/NDF : 38811050316

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1036.417+/-0.000

Right Out: -947.145+/-0.000

Left In: -1175.482+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 23583550491509628507489682930003869696.0/5

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 6339125095672906969903105133619707904.0/3

Left: 65.479+/-0.000 χ^2/NDF : 95769256436122336

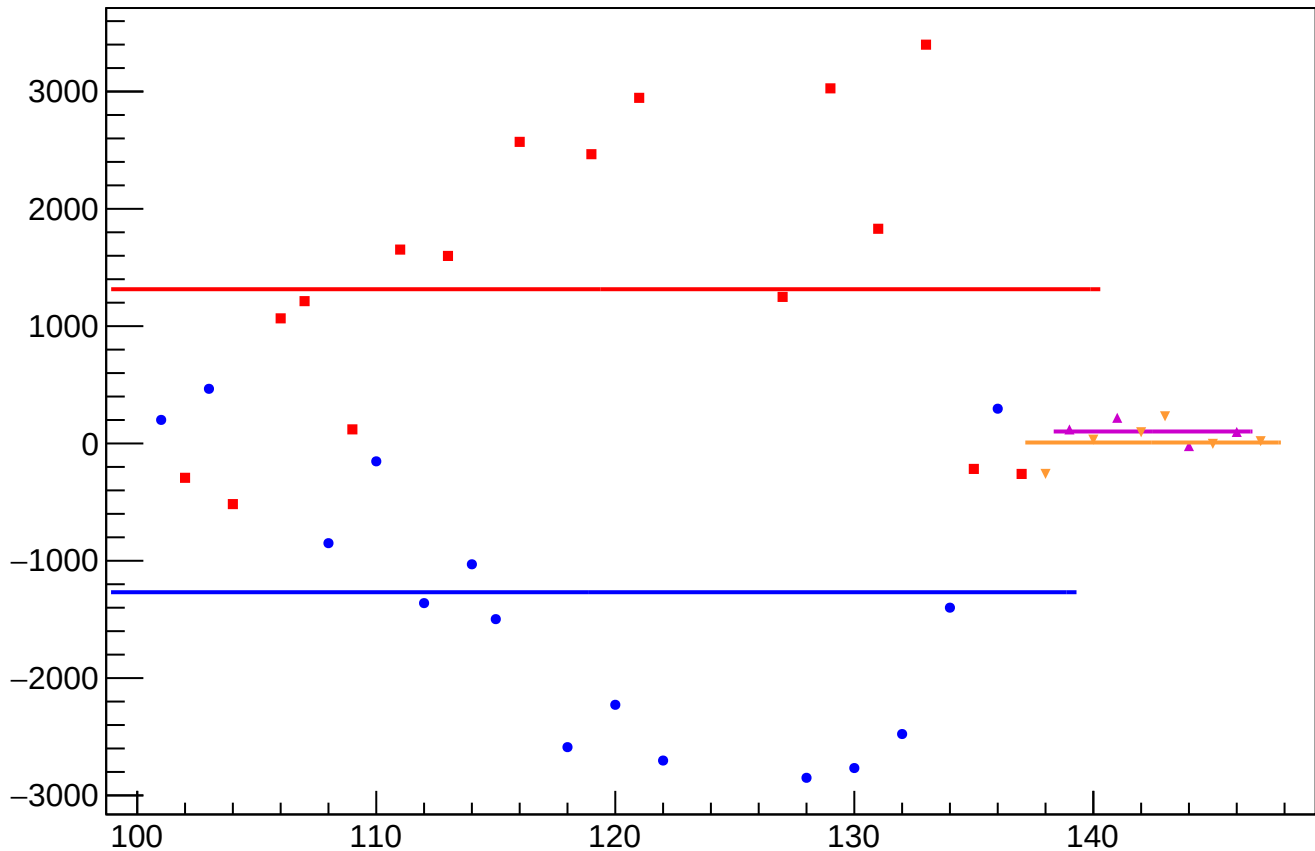
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: 269.260+/-0.000 χ^2/NDF : 11197591260075728

Out: -167.438+/-0.000 χ^2/NDF : 112294957309032

All: 39.188+/-0.000 χ^2/NDF : 2341874758871

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: -1268.061 $\pm$ 0.000 χ^2 /NDF: 1092280760288833856070470490800647045120.0/14

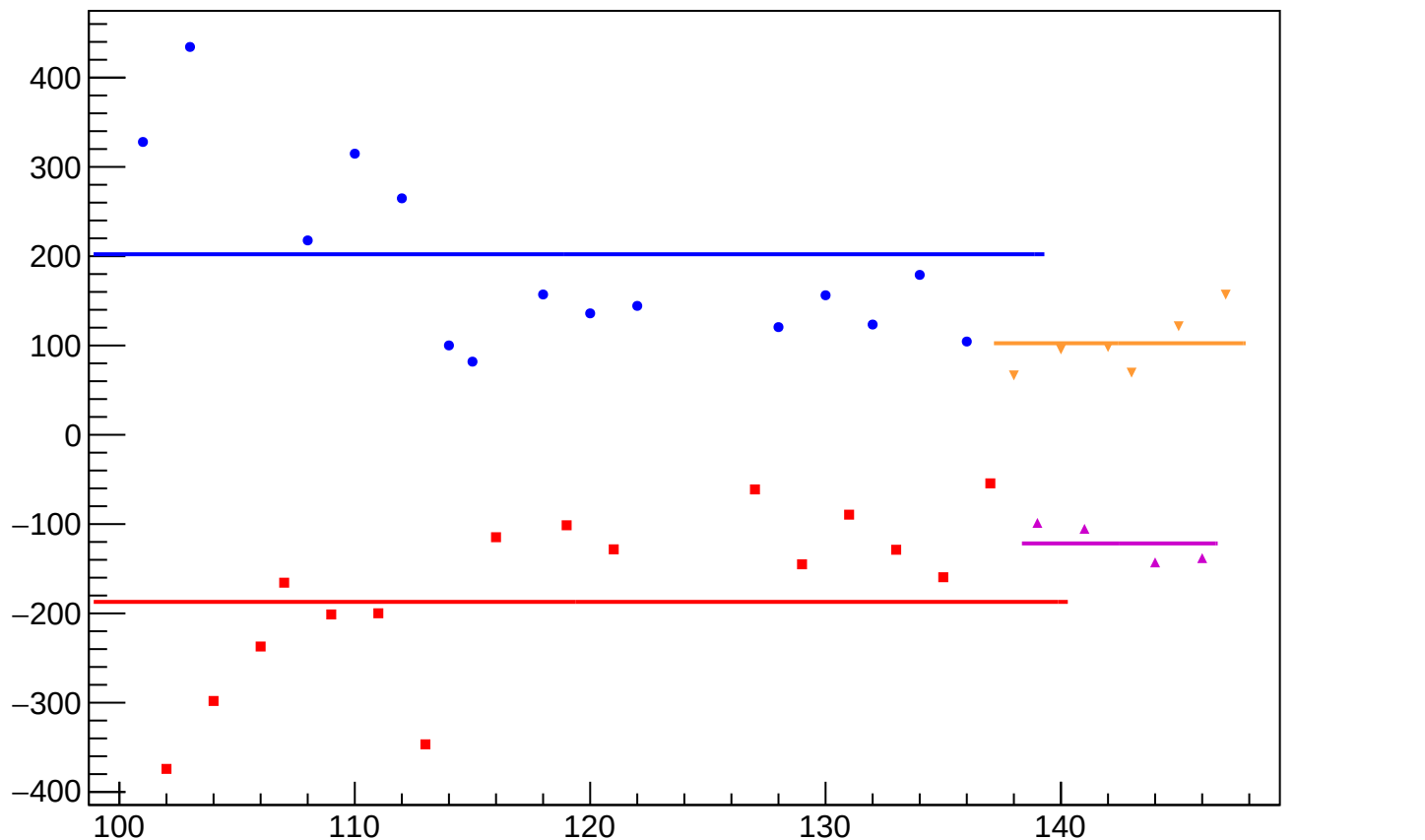
Left Out: 8.179 $\pm$ 0.000 χ^2 /NDF: 9349510132545392479486385134902444032.0/5

Right Out: 1314.767 $\pm$ 0.000 χ^2 /NDF: 1098471313864079013714609379653260935168.0/15

Left In: 102.032 $\pm$ 0.000 χ^2 /NDF: 2563458602788665029488202700942213120.0/3

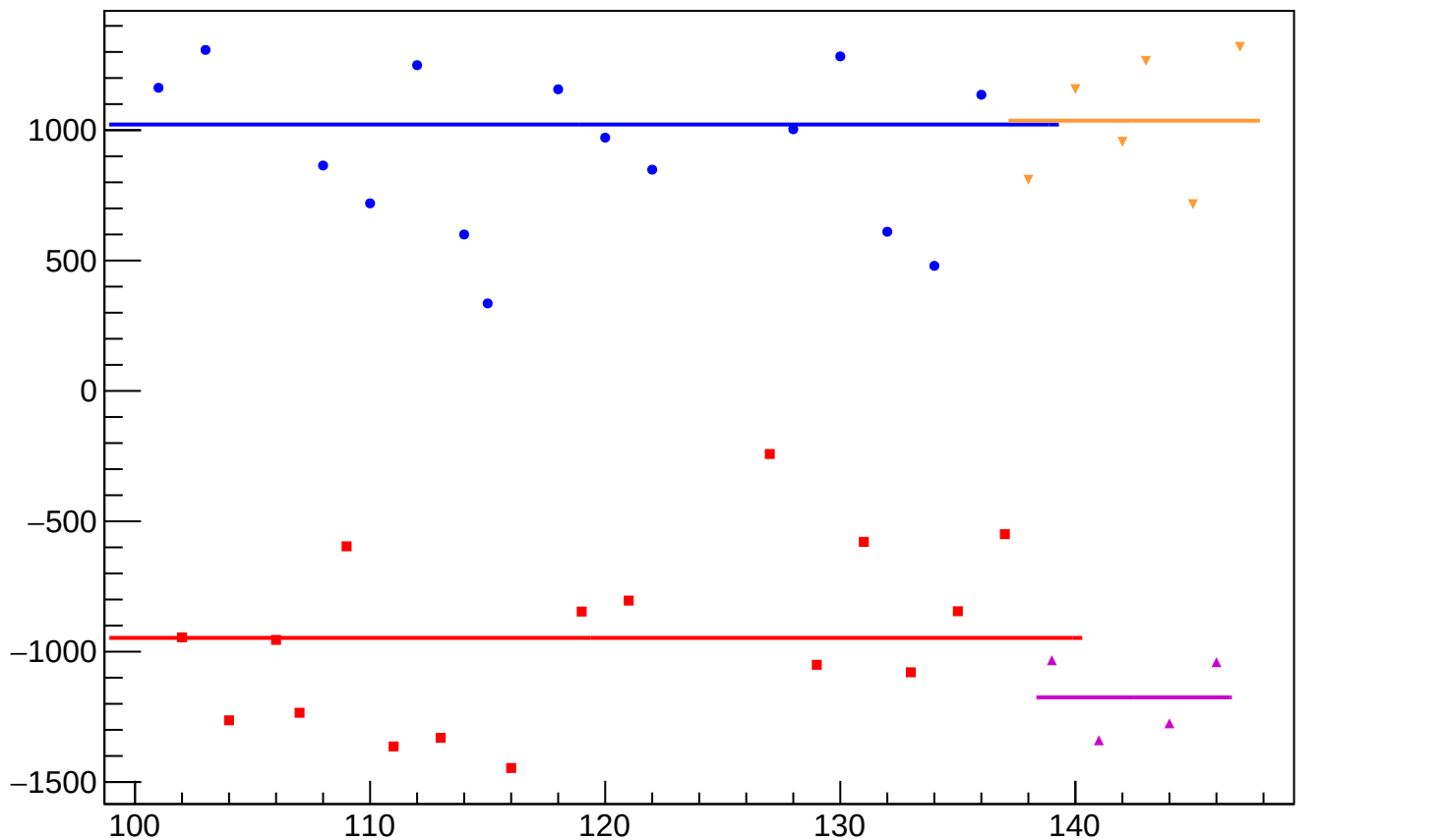
All: 44.103 $\pm$ 0.000 χ^2 /NDF: 4398717912926

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



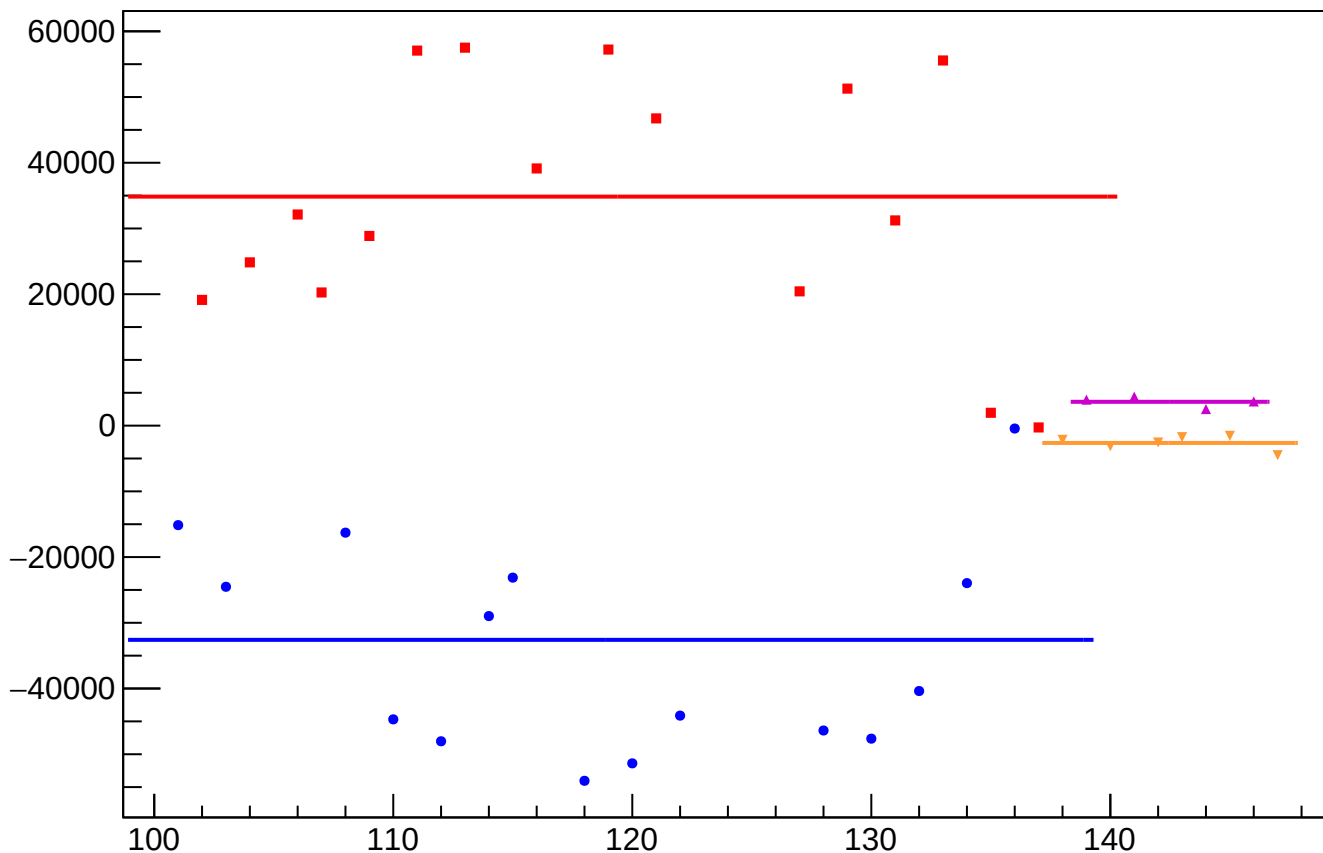
Right In: 202.191 +/- 0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14
 Left Out: 102.515 +/- 0.000 χ^2/NDF : 439255740185768259535071140529569792.0/5
 Right Out: -187.126 +/- 0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15
 Left In: -121.651 +/- 0.000 χ^2/NDF : 128055271057045049070219342175535104.0/3
 All: 4.591 +/- 0.000 χ^2/NDF : 73210940407335

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



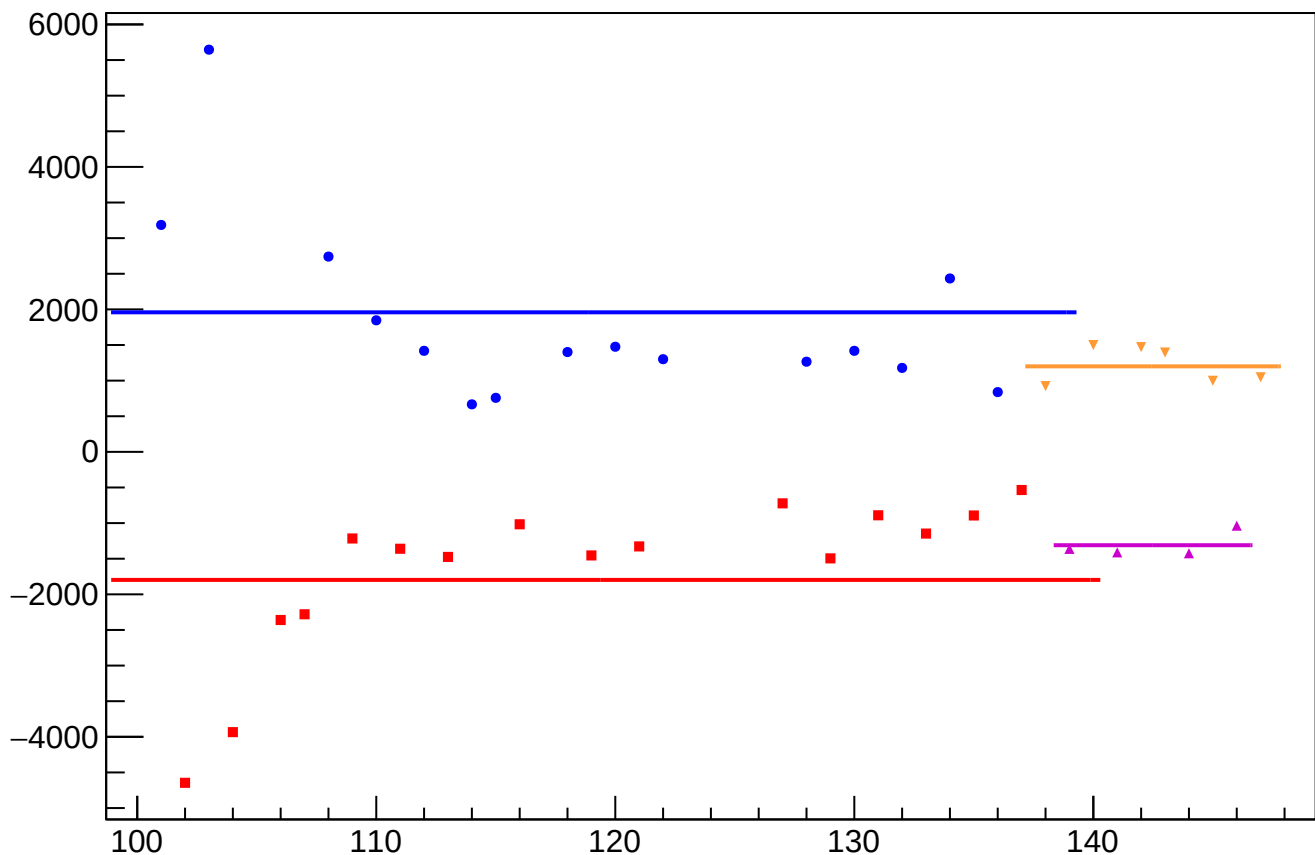
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_sam2_coil7_mean vs Slug, Sign Corrected



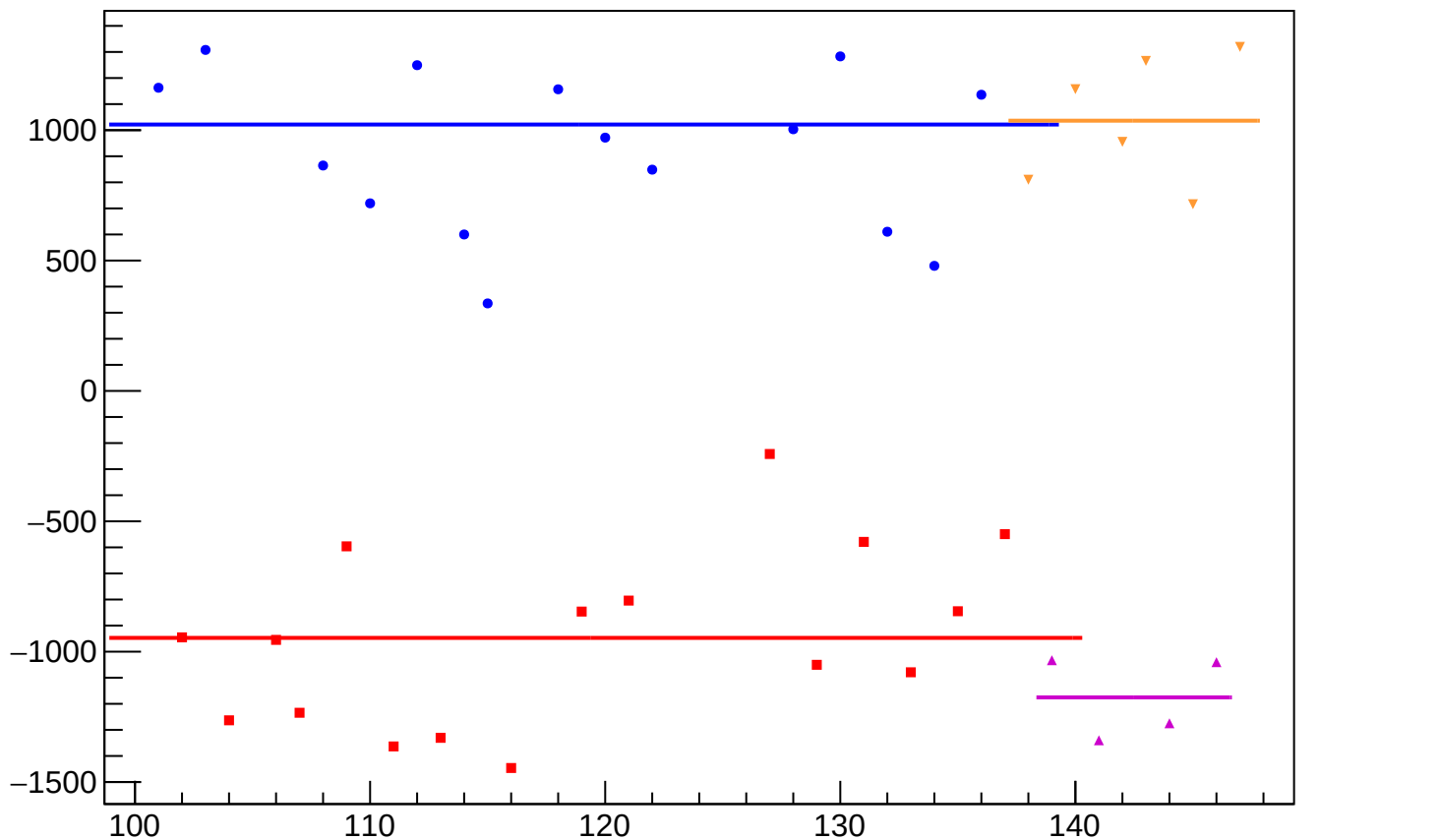
Left: 115.650+/-0.000 χ^2/NDF : 8055464519157552
 Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Right: 1587.778+/-0.000 χ^2/NDF : 19264741132603
 Left Out: -2631.798+/-0.000 χ^2/NDF : 456735159405004969775848529833458925568.0/5
 In: -20190.621+/-0.000 χ^2/NDF : 50092368573537
 Right Out: 34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Out: 20115.296+/-0.000 χ^2/NDF : 58988927880441
 Left In: 3627.181+/-0.000 χ^2/NDF : 169964504905638567531324787137682866176.0/3
 All: 1044.375+/-0.000 χ^2/NDF : 19355823241

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



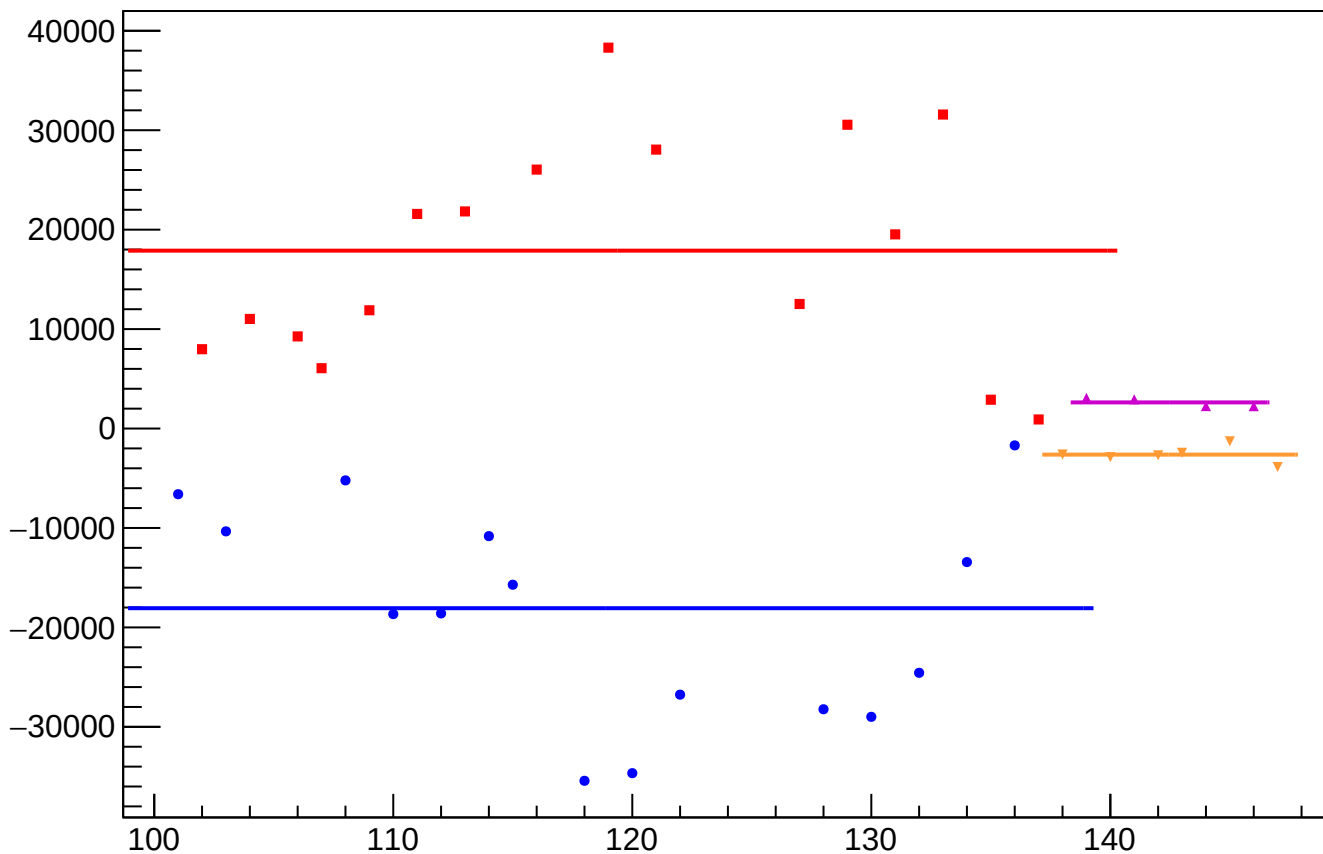
Right In: 1958.835 $\pm$ 0.000 χ^2 /NDF: 1189322999631358431600643692981190131712.0/14
 Left Out: 1200.326 $\pm$ 0.000 χ^2 /NDF: 24358975276939347115759168977295638528.0/5
 Right Out: -1797.392 $\pm$ 0.000 χ^2 /NDF: 955096623879958195657195074614240215040.0/15
 Left In: -1310.424 $\pm$ 0.000 χ^2 /NDF: 8450991204366017501874470317256081408.0/3
 All: 70.969 $\pm$ 0.000 χ^2 /NDF: 8014614591227

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



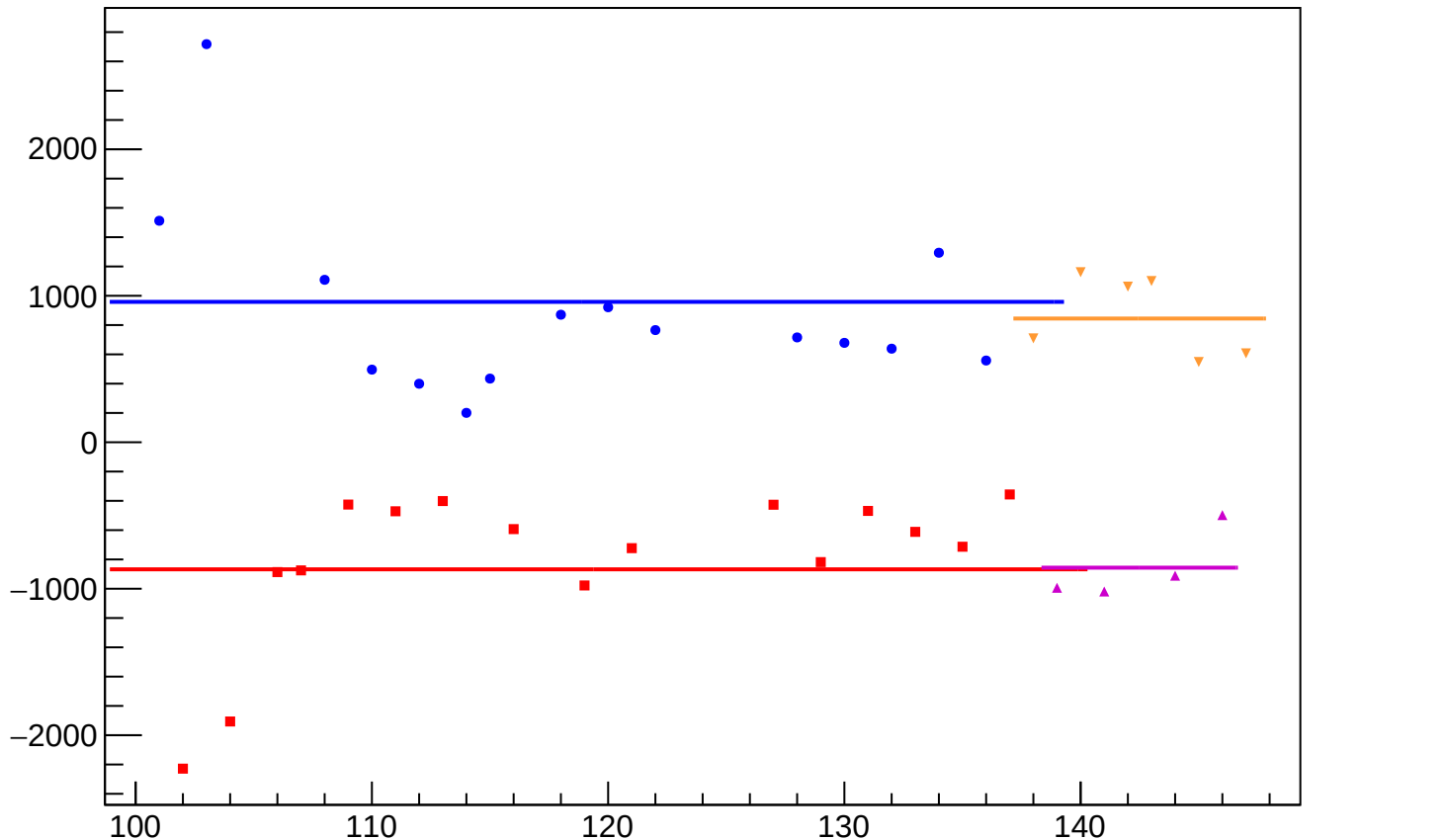
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_sam3_coil7_mean vs Slug, Sign Corrected



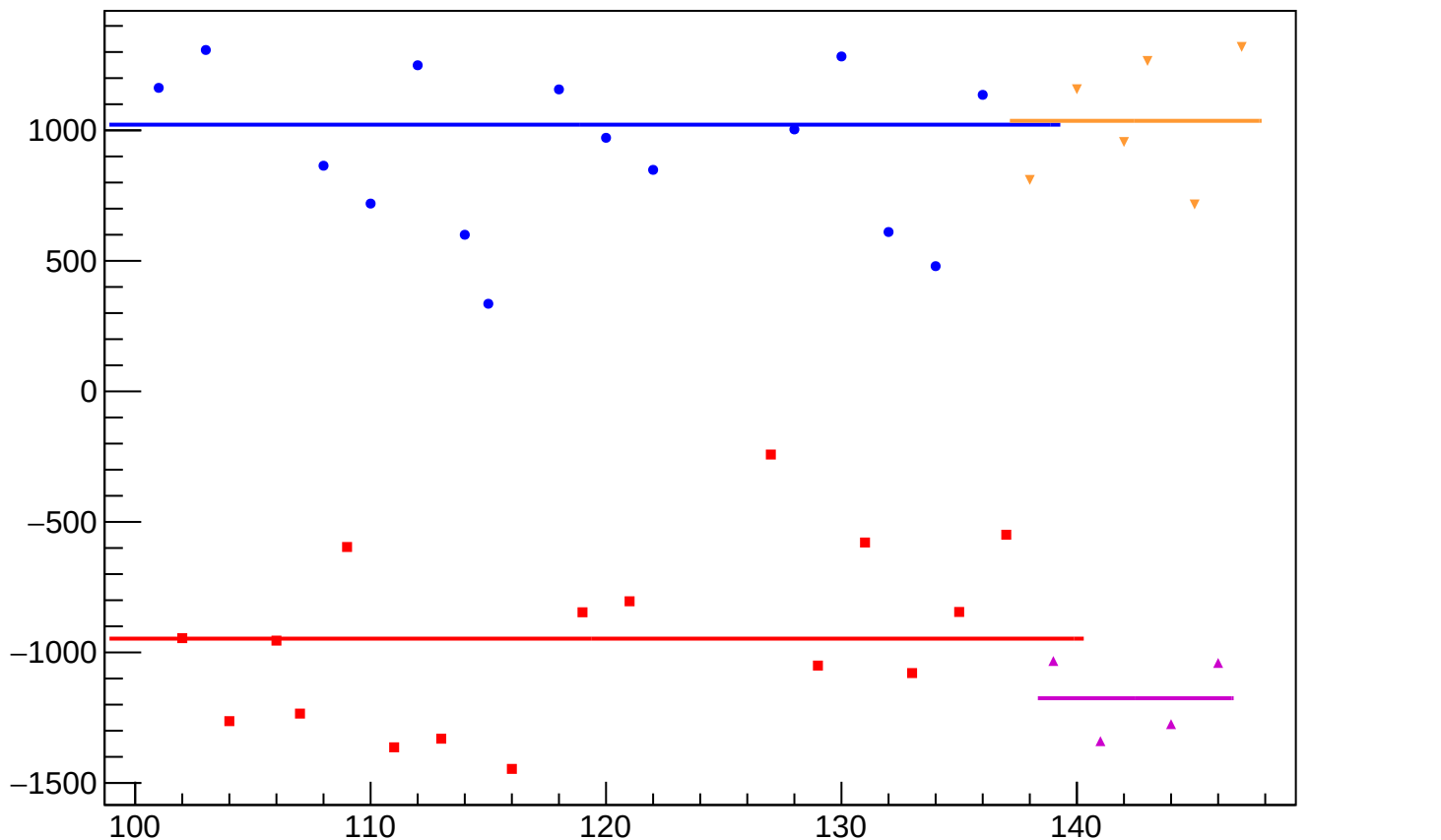
Left: -318.855 ± 0.000 $\chi^2/\text{NDF}: 555175299620652$
 Right In: -18068.550 ± 0.000 $\chi^2/\text{NDF}: 84312156443533553417760933497753760169984.0/14$
 Left Out: -2623.634 ± 0.000 $\chi^2/\text{NDF}: 274204319542153824349918271678976098304.0/5$
 Right Out: 17888.149 ± 0.000 $\chi^2/\text{NDF}: 78405915612914252869875231068795393015808.0/15$
 In: -10981.355 ± 0.000 $\chi^2/\text{NDF}: 17955250810939$
 Out: 9825.282 ± 0.000 $\chi^2/\text{NDF}: 188991087855512$
 Left In: 2626.899 ± 0.000 $\chi^2/\text{NDF}: 49779329813721254870829516552220442624.0/3$
 All: -19.469 ± 0.000 $\chi^2/\text{NDF}: 593658543808$

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



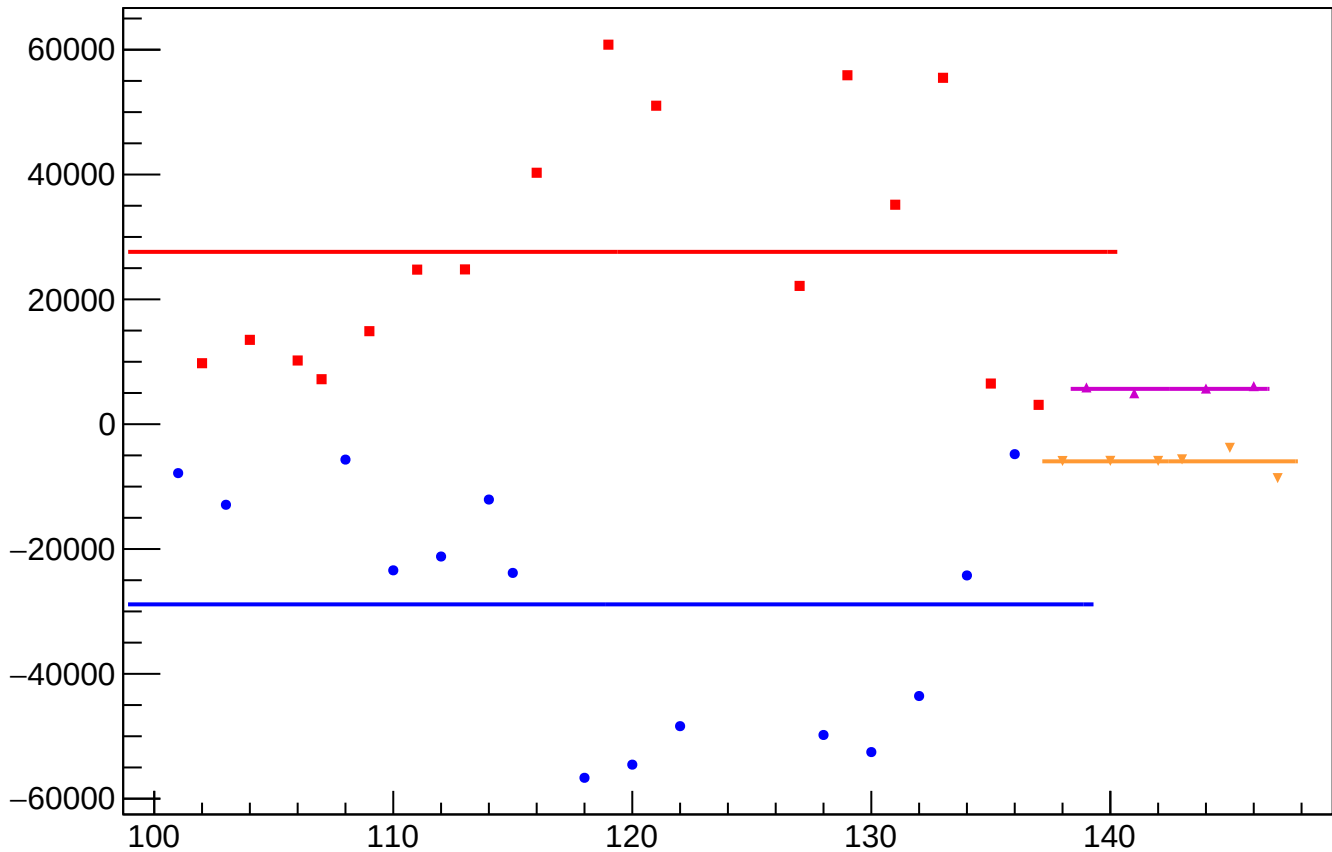
Left: 97.951 +/- 0.000 χ^2/NDF : 59105682309277694
 Right: 32.949 +/- 0.000 χ^2/NDF : 1577572239072451
 In: 336.964 +/- 0.000 χ^2/NDF : 10113668102547497
 Out: -194.540 +/- 0.000 χ^2/NDF : 101241778754775
 All: 56.943 +/- 0.000 χ^2/NDF : 2170681602485

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



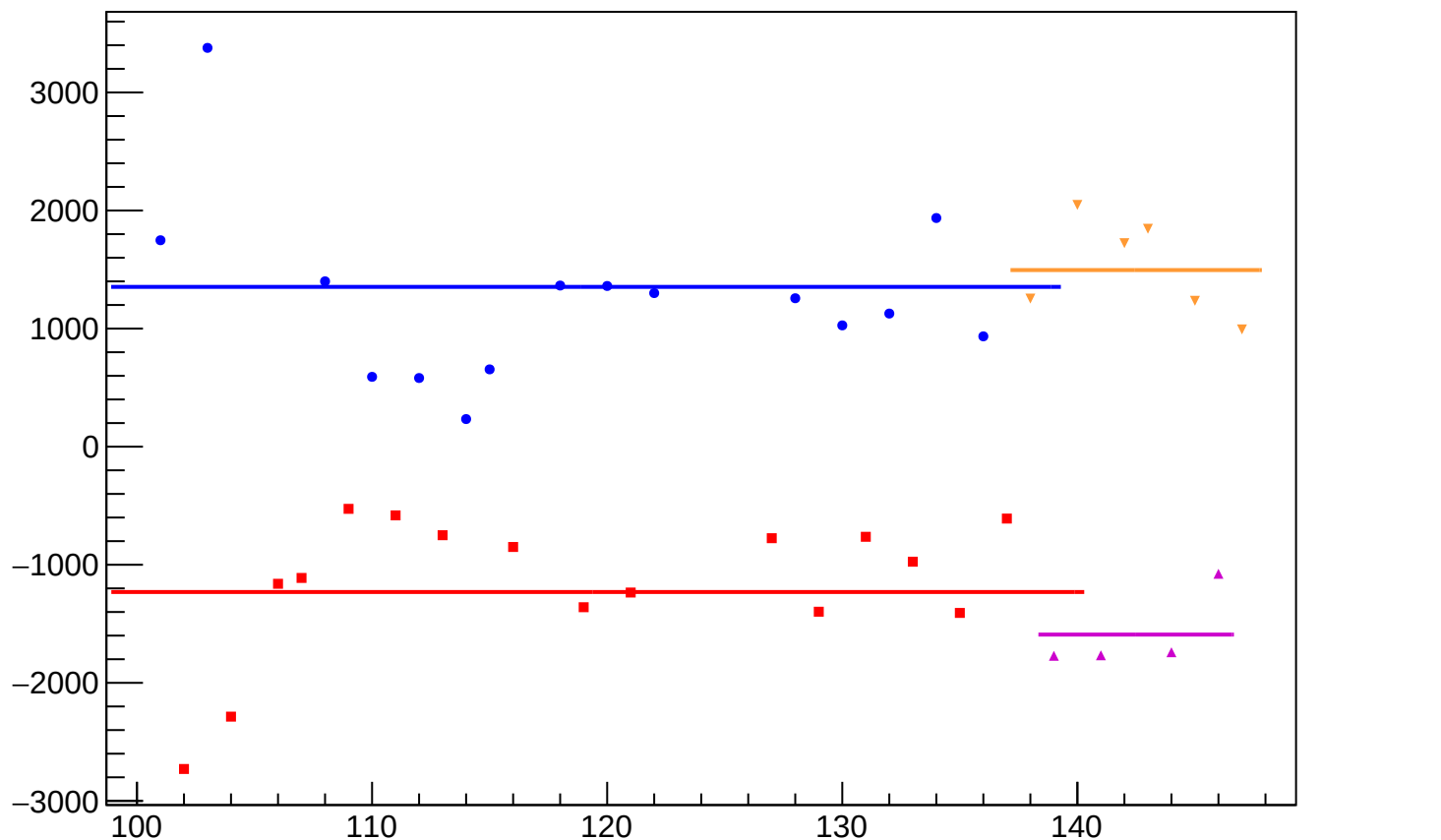
Left: 65.479 +/- 0.000 χ^2/NDF : 95769256436122336
 Right: 23.805 +/- 0.000 χ^2/NDF : 1383338523153511
 In: 269.260 +/- 0.000 χ^2/NDF : 11197591260075728
 Out: -167.438 +/- 0.000 χ^2/NDF : 112294957309032
 All: 39.188 +/- 0.000 χ^2/NDF : 2341874758871

dit_sam4_coil7_mean vs Slug, Sign Corrected



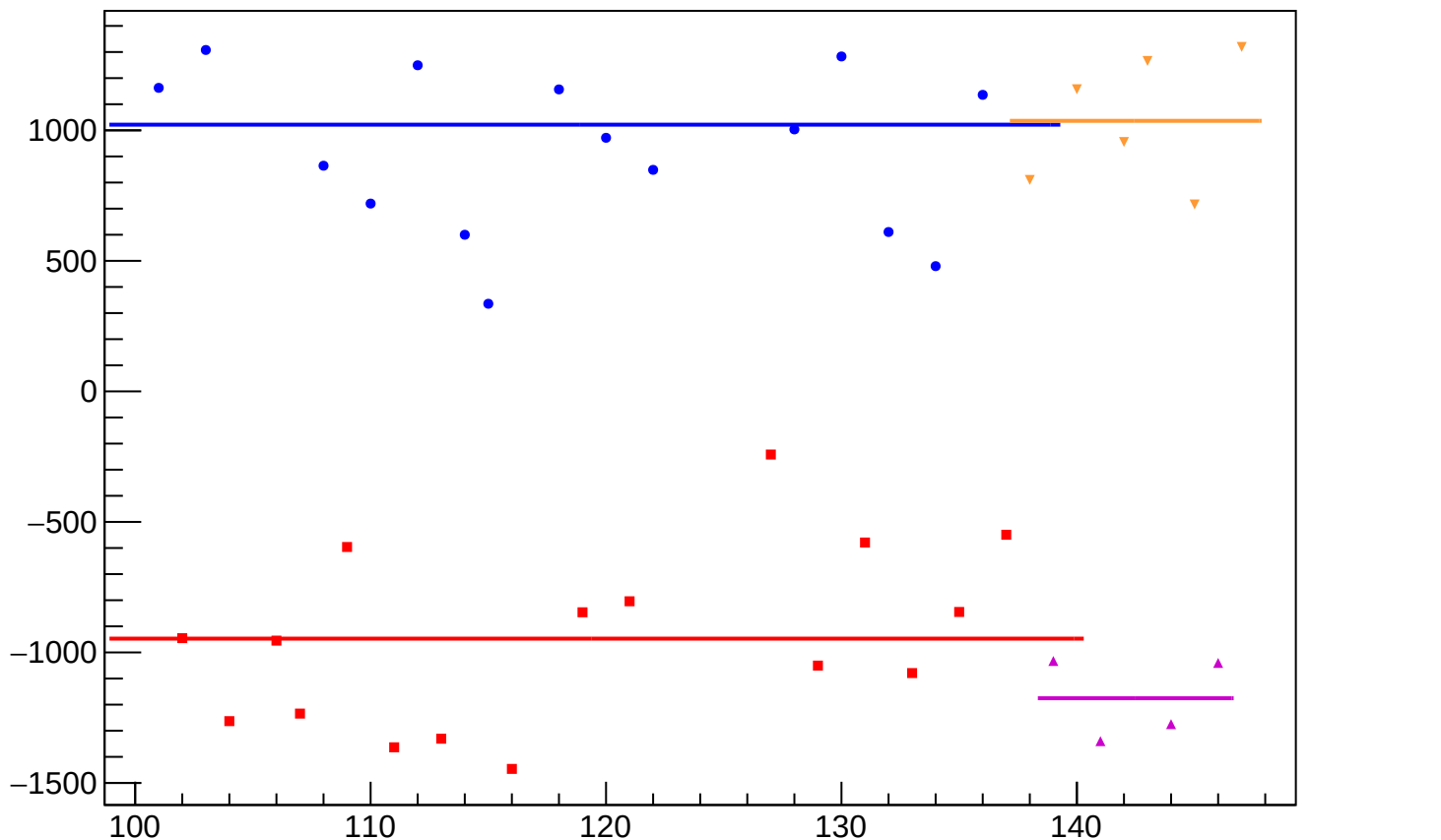
Left: -854.211+/-0.000 χ^2/NDF : 265831808987659
 Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Right: -242.630+/-0.000 χ^2/NDF : 15588395560755
 Left Out: -5951.343+/-0.000 χ^2/NDF : 952034471335564366346466122842452787200.0/5
 In: -17044.072+/-0.000 χ^2/NDF : 52649397605539
 Right Out: 27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Out: 14418.067+/-0.000 χ^2/NDF : 54438337036019
 Left In: 5660.468+/-0.000 χ^2/NDF : 62390184050393830833418339680436355072.0/3
 All: -468.381+/-0.000 χ^2/NDF : 15856044304

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



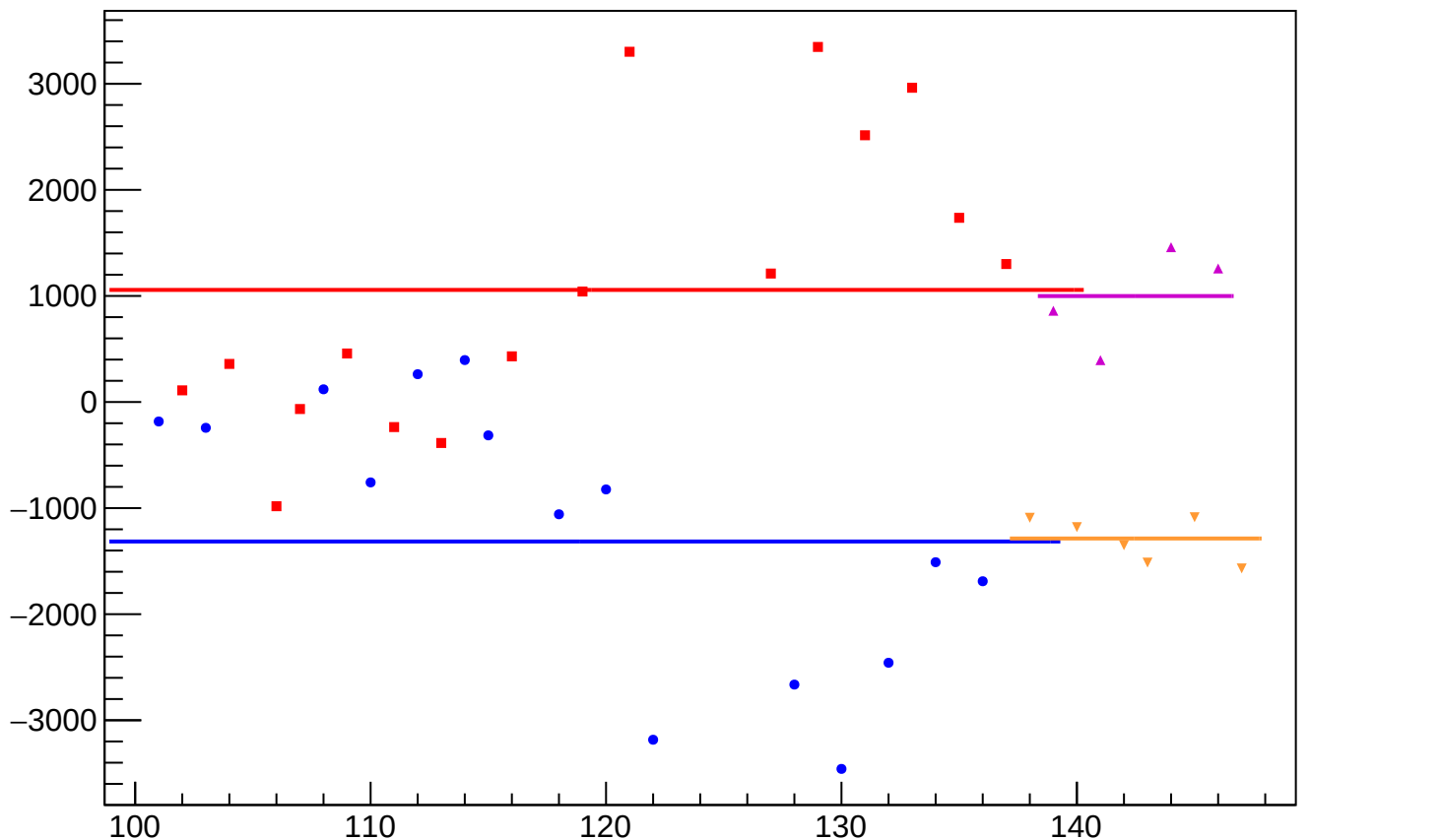
Right In: 1353.413 $\pm$ 0.000 χ^2 /NDF: 352887966702770713373861839880553758720.0/14
 Left Out: 1495.823 $\pm$ 0.000 χ^2 /NDF: 65263734989884649744571494715254374400.0/5
 Right Out: -1230.633 $\pm$ 0.000 χ^2 /NDF: 276989454129150005656872744539903754240.0/15
 Left In: -1591.299 $\pm$ 0.000 χ^2 /NDF: 29211004369929907442196075833745997824.0/3
 All: 79.515 $\pm$ 0.000 χ^2 /NDF: 4732585716568

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



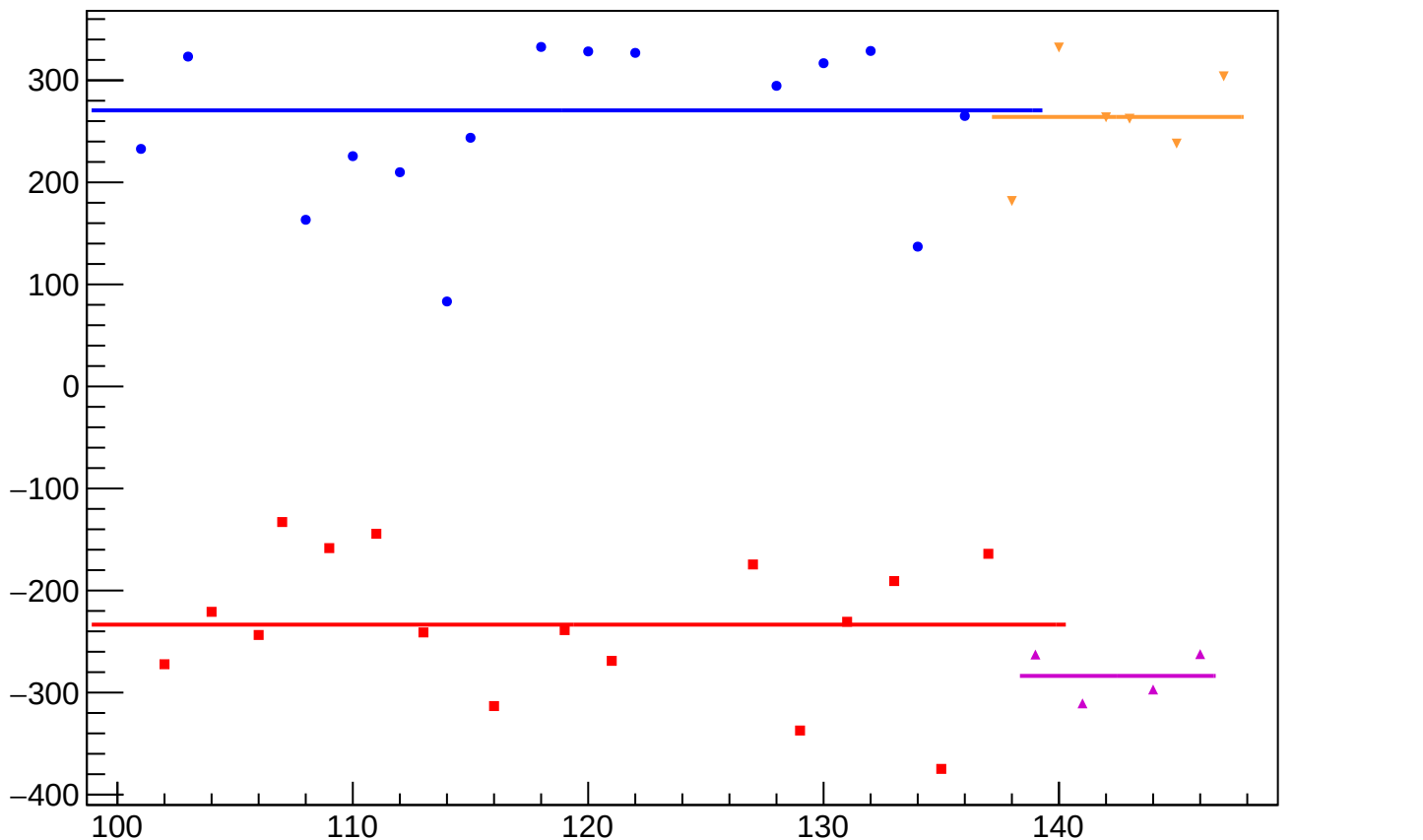
Left: 65.479 $\pm$ 0.000 χ^2/NDF : 95769256436122336
 Right: 23.805 $\pm$ 0.000 χ^2/NDF : 1383338523153511
 In: 269.260 $\pm$ 0.000 χ^2/NDF : 11197591260075728
 Out: -167.438 $\pm$ 0.000 χ^2/NDF : 112294957309032
 All: 39.188 $\pm$ 0.000 χ^2/NDF : 2341874758871

dit_sam5_coil7_mean vs Slug, Sign Corrected



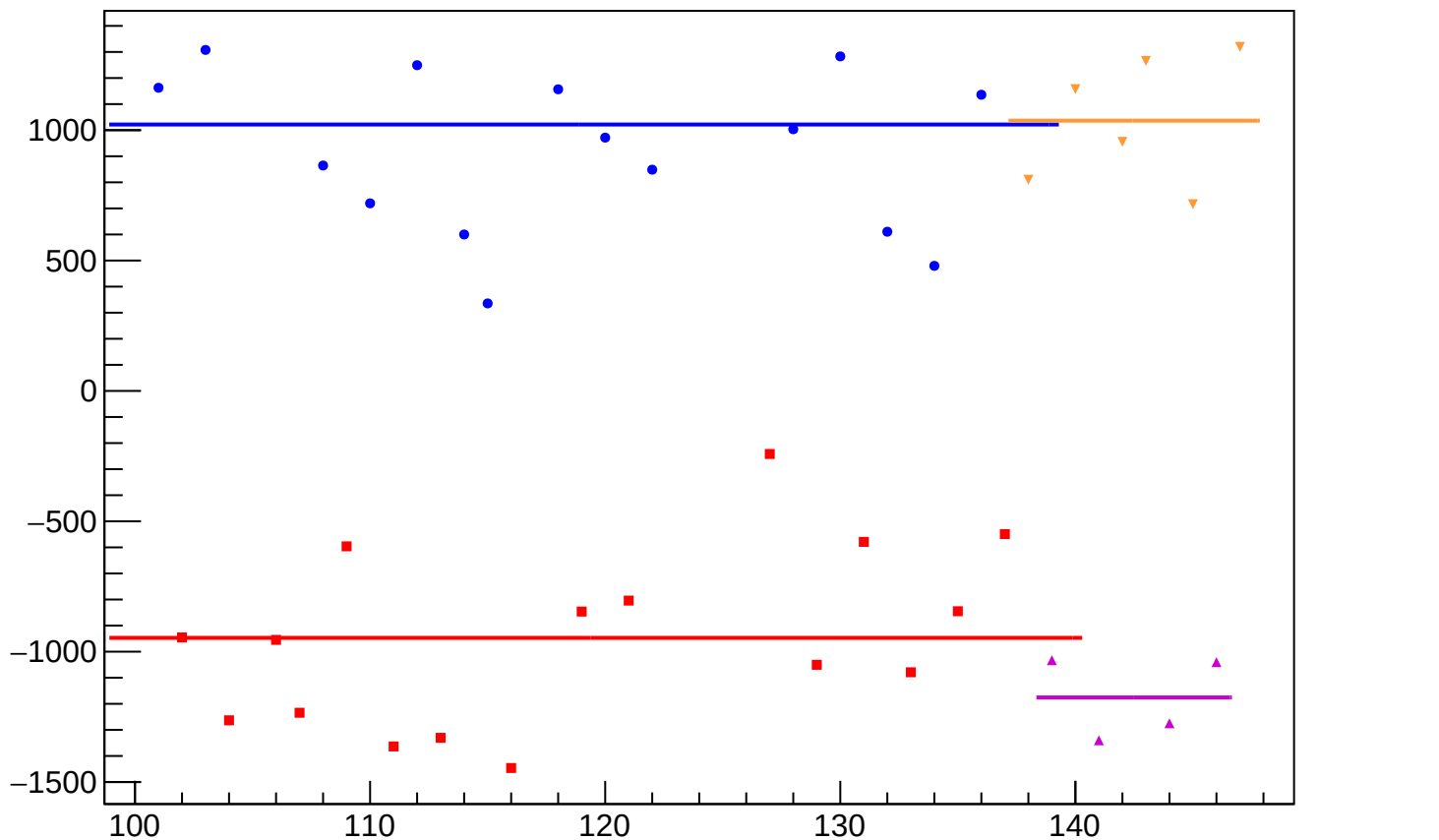
Left: -283.217+/-0.000 χ^2/NDF : 106454536108126
 Right In: -1314.782+/-0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Right: -112.789+/-0.000 χ^2/NDF : 39432514405702
 Left Out: -1286.420+/-0.000 χ^2/NDF : 17021192176727606155455829547497291776.0/5
 In: -522.428+/-0.000 χ^2/NDF : 2212974343689166
 Right Out: 1056.765+/-0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Out: 135.695+/-0.000 χ^2/NDF : 2583707529907954
 Left In: 998.984+/-0.000 χ^2/NDF : 57066818921820816255250581361933680640.0/3
 All: -175.699+/-0.000 χ^2/NDF : 50219062381

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



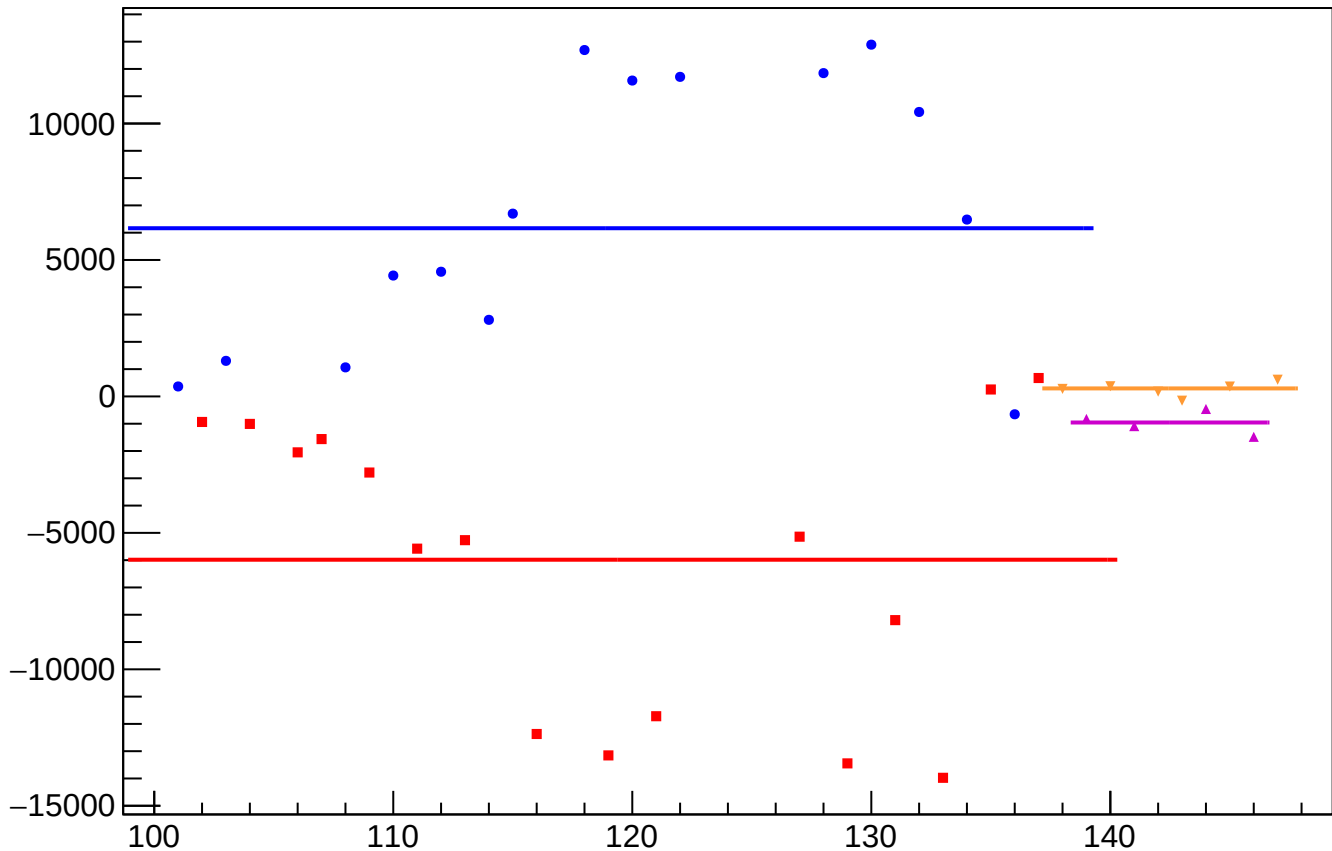
Right In: 270.538 $\pm$ 0.000 χ^2 /NDF: 2473839905347950323907848405170257920.0/14
 Left Out: 264.117 $\pm$ 0.000 χ^2 /NDF: 1087666205283329717047350682164658176.0/5
 Right Out: -233.421 $\pm$ 0.000 χ^2 /NDF: 3048529087317888615064010247743995904.0/15
 Left In: -283.667 $\pm$ 0.000 χ^2 /NDF: 150742127550772835642670873665601536.0/3
 All: 18.268 $\pm$ 0.000 χ^2 /NDF: 1472404262628

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



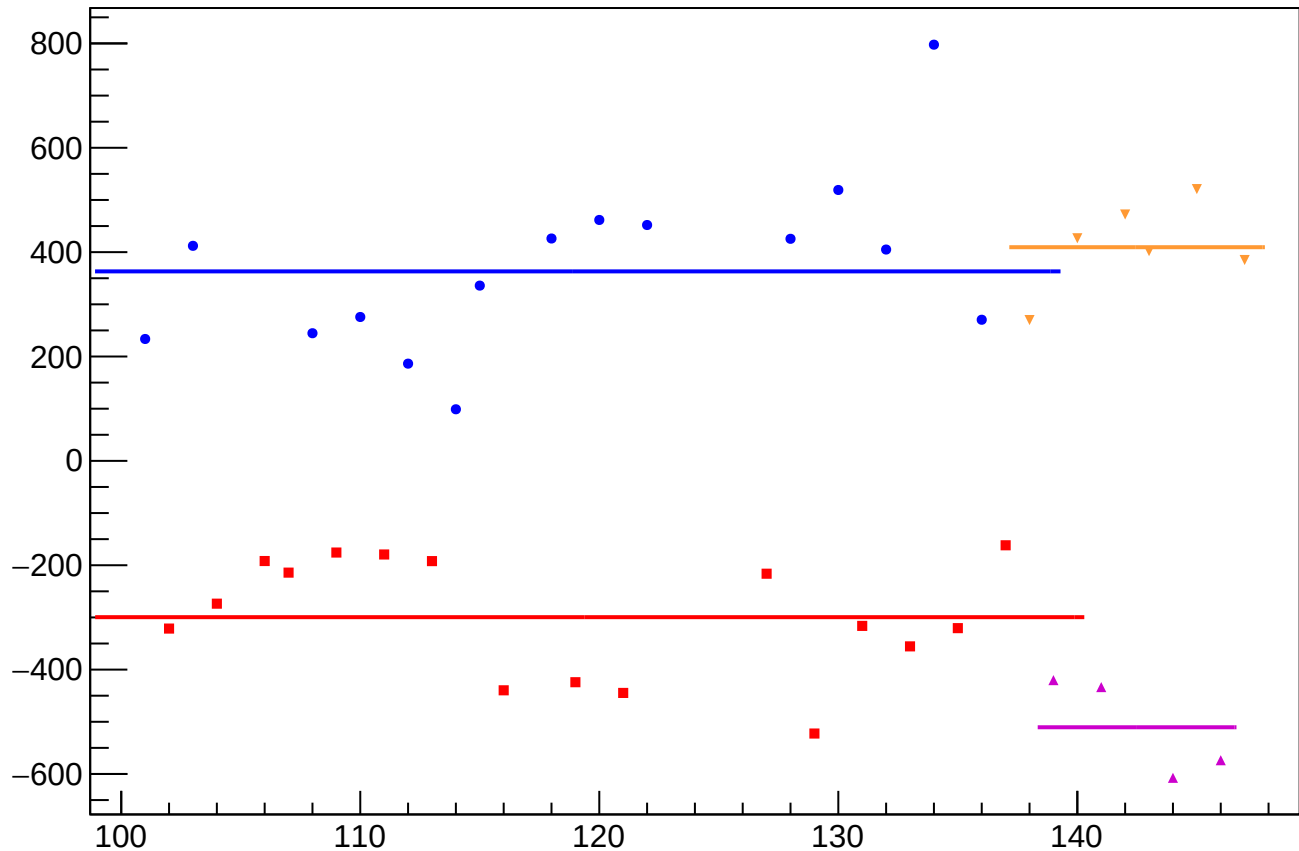
Left: 65.479 $\pm$ 0.000 χ^2/NDF : 95769256436122336
 Right: 23.805 $\pm$ 0.000 χ^2/NDF : 1383338523153511
 In: 269.260 $\pm$ 0.000 χ^2/NDF : 11197591260075728
 Out: -167.438 $\pm$ 0.000 χ^2/NDF : 112294957309032
 All: 39.188 $\pm$ 0.000 χ^2/NDF : 2341874758871

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -254.923 +/- 0.000 χ^2/NDF : 366489650575605
 Right In: 6163.445 +/- 0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Right: 6.710 +/- 0.000 χ^2/NDF : 84243130977336022
 Left Out: 293.336 +/- 0.000 χ^2/NDF : 23031721299872942798428365260823986176.0/5
 In: 3725.496 +/- 0.000 χ^2/NDF : 2951230648944133
 Right Out: -5983.876 +/- 0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Out: -3516.401 +/- 0.000 χ^2/NDF : 27859308006061
 Left In: -955.655 +/- 0.000 χ^2/NDF : 47637438751729433227216319074952806400.0/3
 All: -89.866 +/- 0.000 χ^2/NDF : 846428724683

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 363.133 +/- 0.000

χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 409.467 +/- 0.000

χ^2/NDF : 2780257505697221212817767841679802368.0/5

Right Out: -299.514 +/- 0.000

χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: -510.493 +/- 0.000

χ^2/NDF : 233063779270772049708671884339445760.0/3

Left: 5.640 +/- 0.000 χ^2/NDF : 165600439475072376

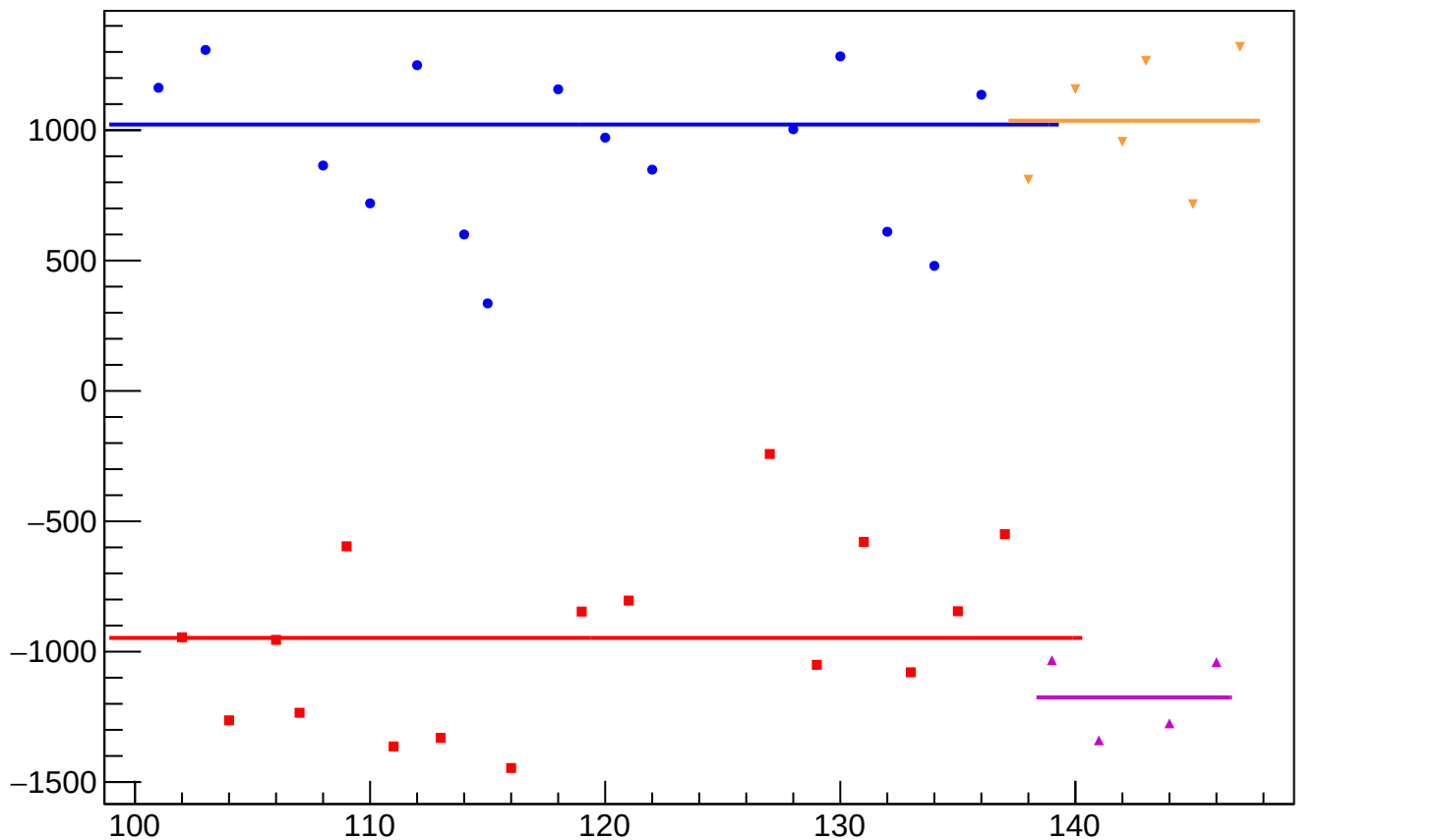
Right: 27.278 +/- 0.000 χ^2/NDF : 1636258096450768

In: 63.958 +/- 0.000 χ^2/NDF : 183460513195247590

Out: -20.825 +/- 0.000 χ^2/NDF : 1422553101063886

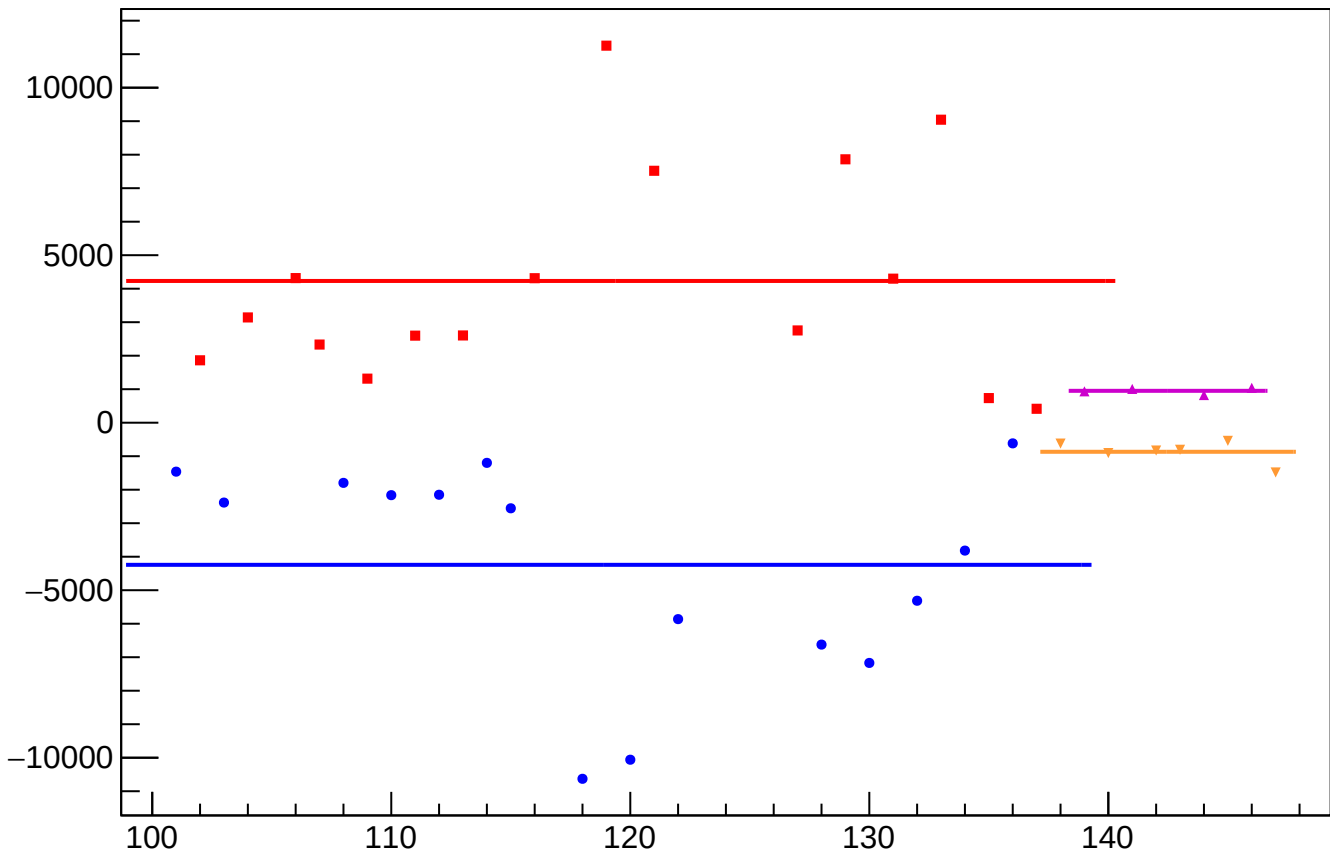
All: 19.291 +/- 0.000 χ^2/NDF : 3294536748615

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



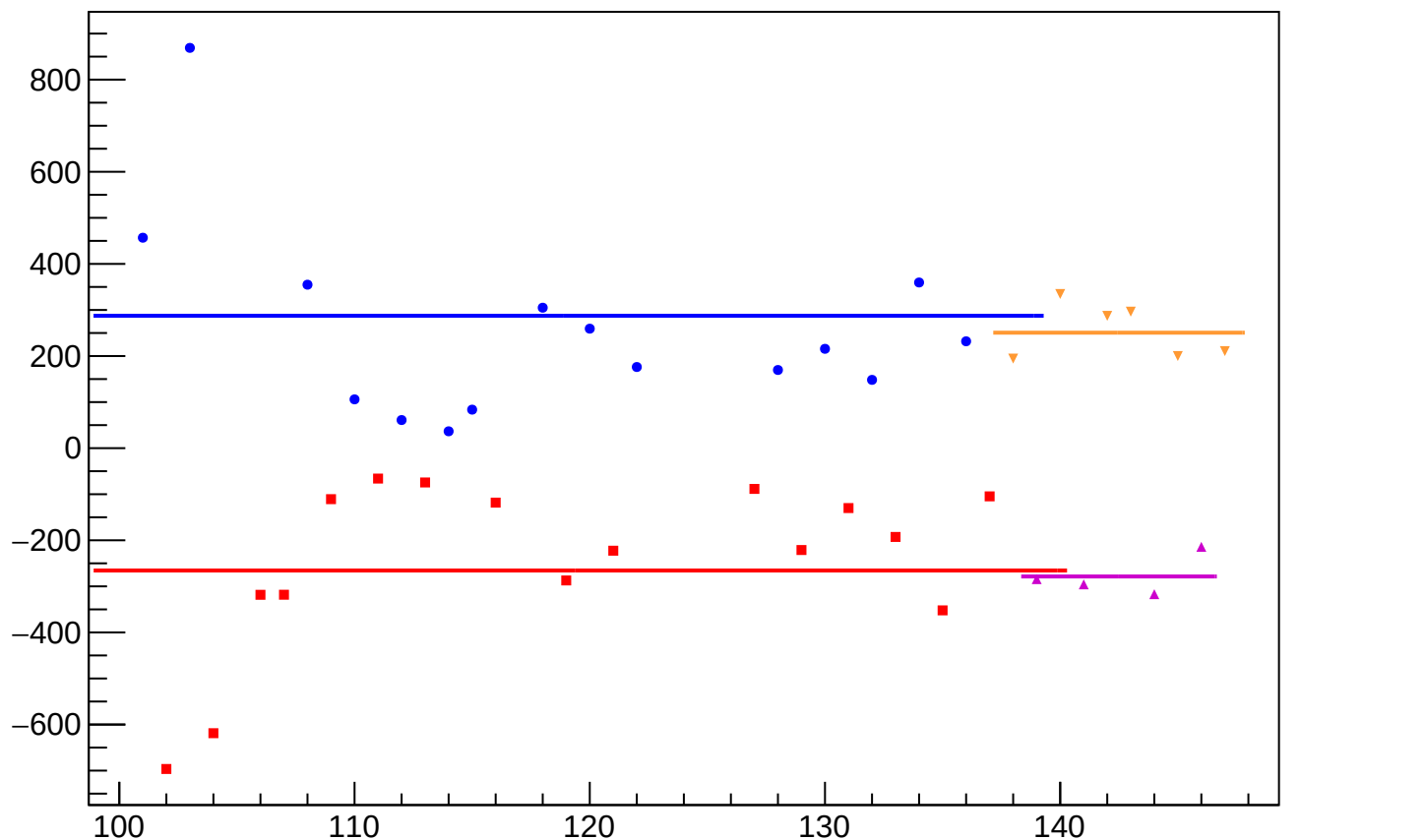
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_sam7_coil7_mean vs Slug, Sign Corrected



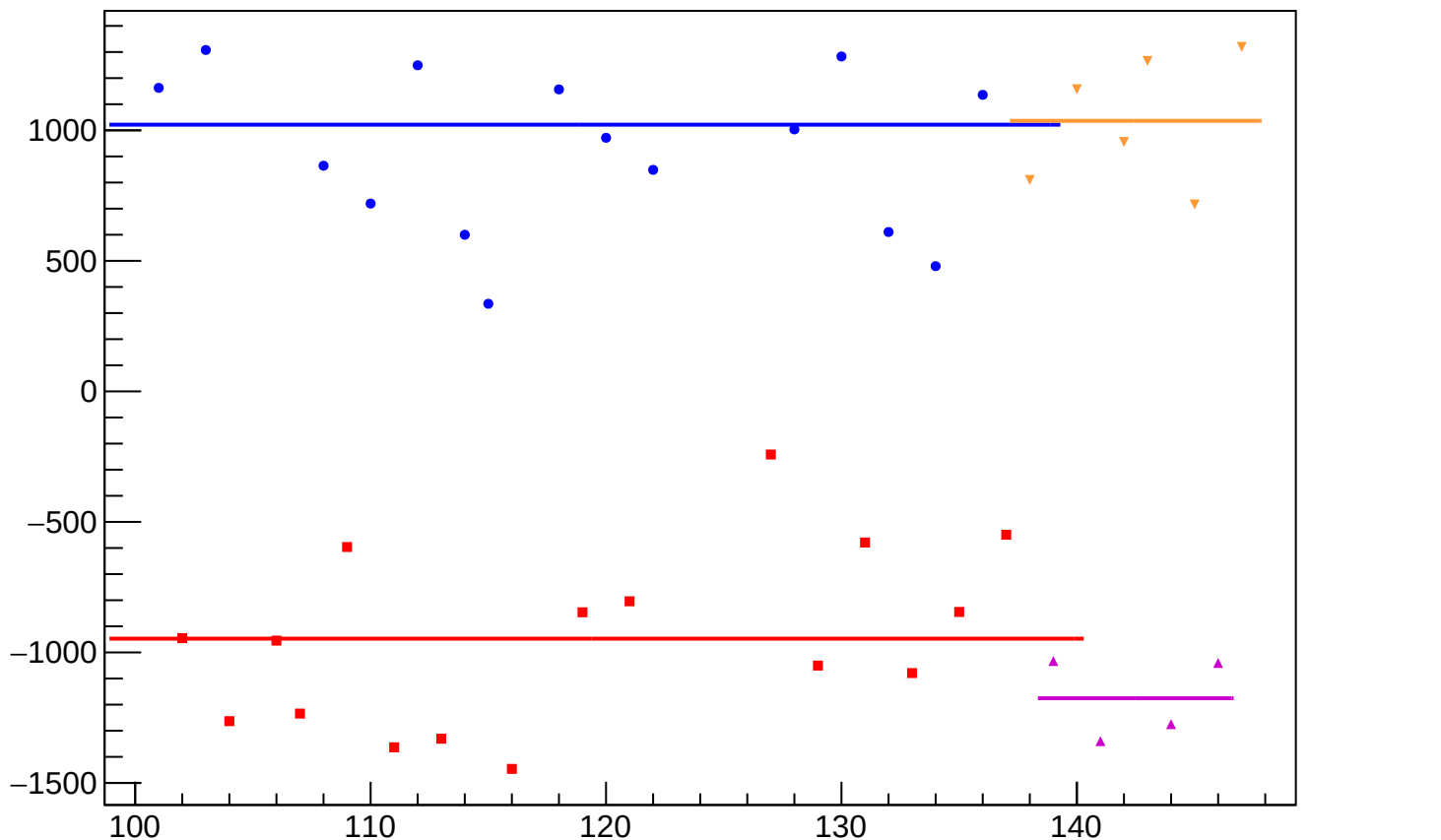
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -867.897+/-0.000 χ^2/NDF : 43424148633166431339337905875441418240.0/5
 Right Out: 4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: 951.537+/-0.000 χ^2/NDF : 2400196347639948714963754267340439552.0/3
 All: 7.468+/-0.000 χ^2/NDF : 37762541406479

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



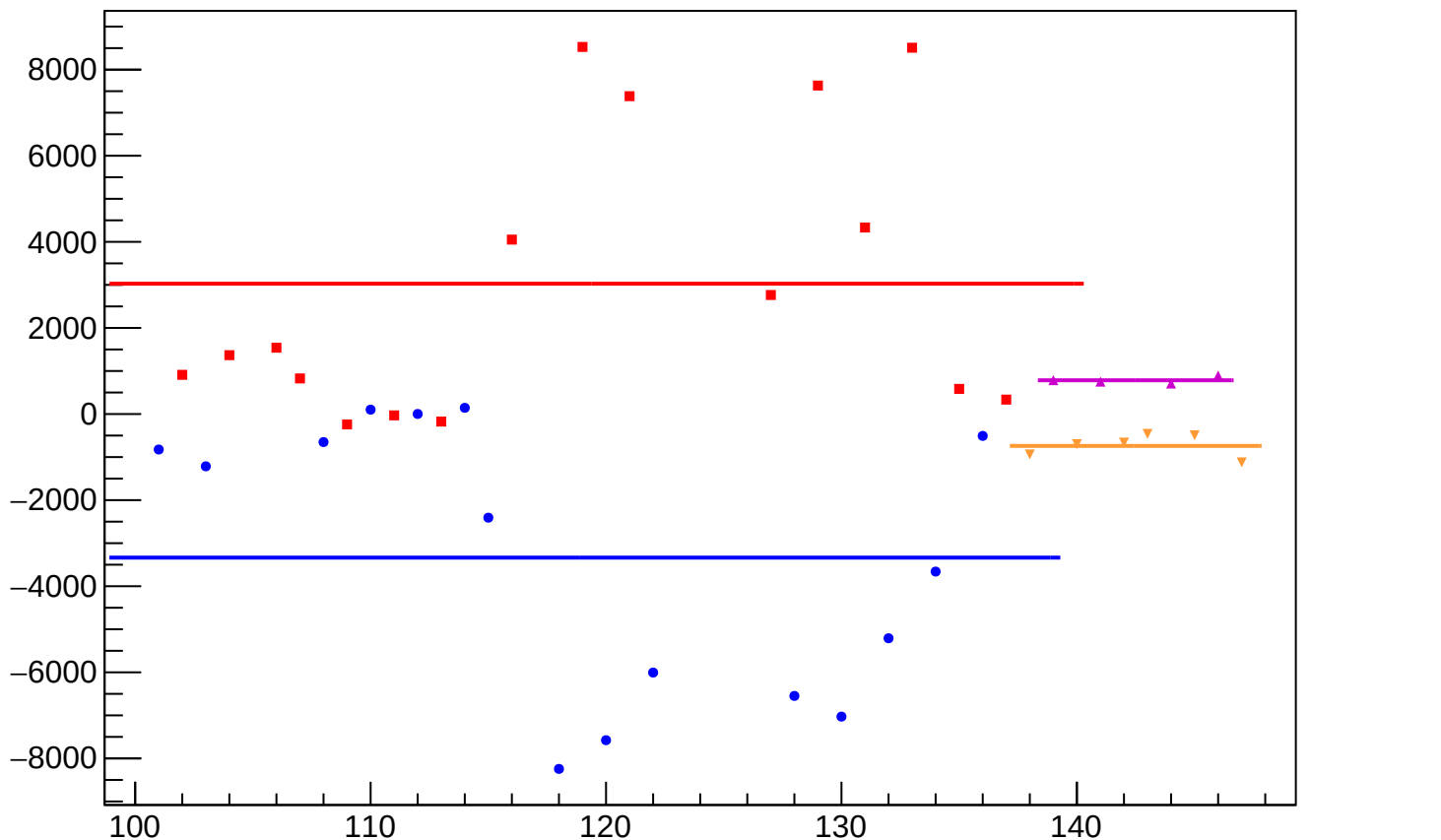
Right In: 287.460 $\pm$ 0.000 χ^2 /NDF: 29517044144826155936619151581366976512.0/14
 Left Out: 250.710 $\pm$ 0.000 χ^2 /NDF: 1359300647522779163440459334459326464.0/5
 Right Out: -265.593 $\pm$ 0.000 χ^2 /NDF: 25843263106329059274985499259066908672.0/15
 Left In: -278.524 $\pm$ 0.000 χ^2 /NDF: 503139892146276636897339765493334016.0/3
 All: 11.302 $\pm$ 0.000 χ^2 /NDF: 2110092631183

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



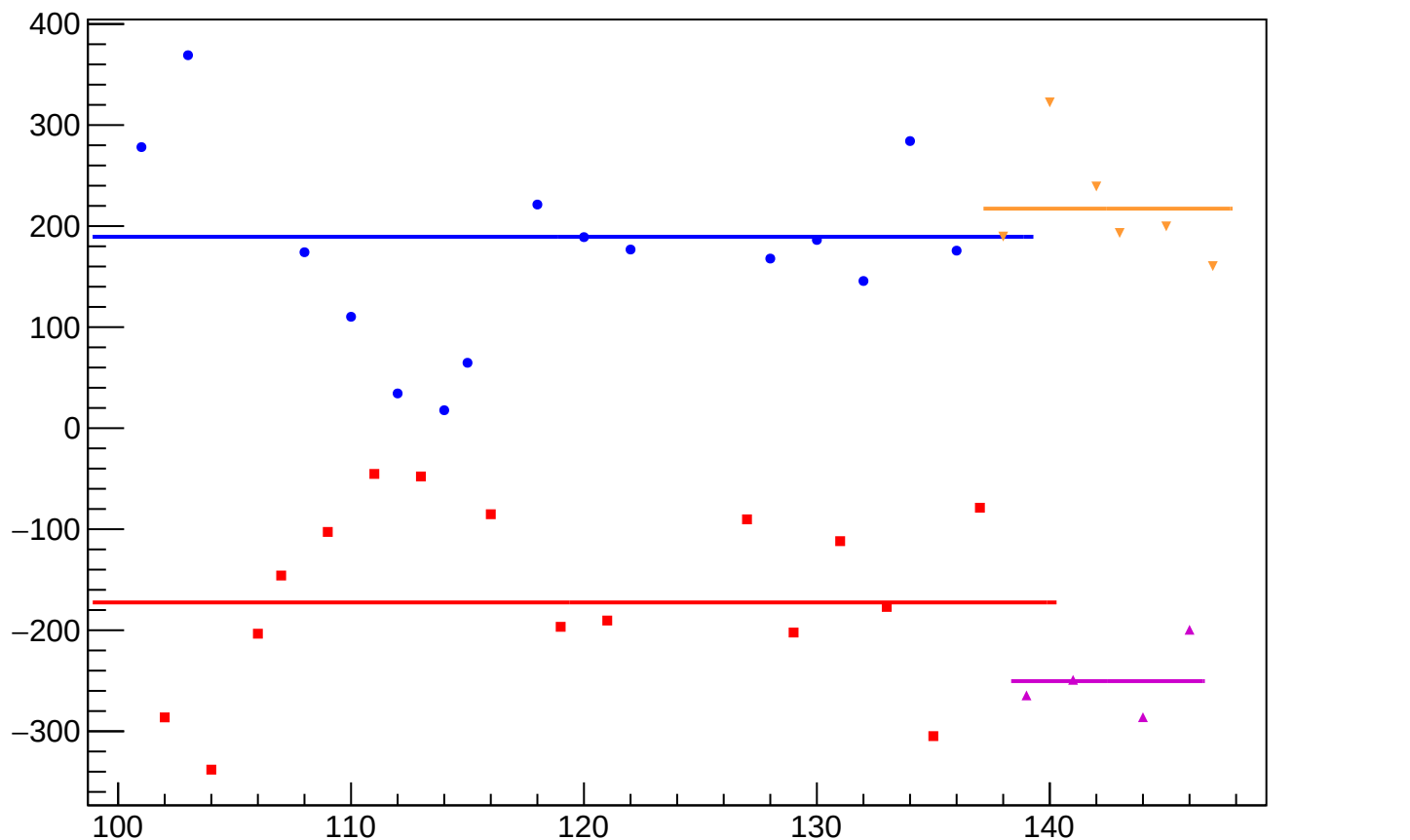
Left: 65.479+/-0.000 χ^2/NDF : 95769256436122336
 Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3
 All: 39.188+/-0.000 χ^2/NDF : 2341874758871

dit_sam8_coil7_mean vs Slug, Sign Corrected



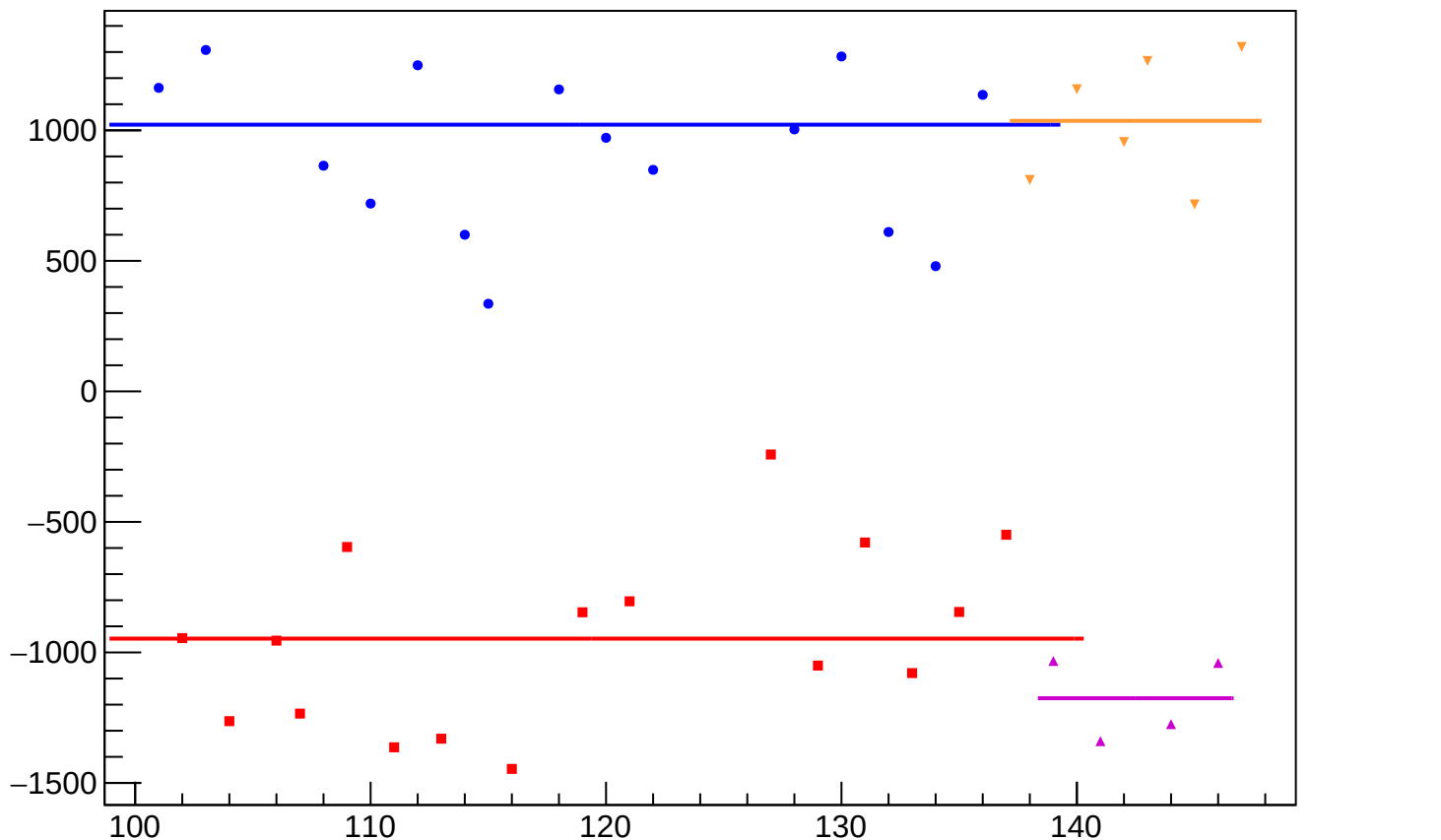
Left: -70.940 +/- 0.000 χ^2/NDF : 4671311694715080
 Right: -110.320 +/- 0.000 χ^2/NDF : 26741707536001
 In: -1924.566 +/- 0.000 χ^2/NDF : 101112680373902
 Out: 1546.626 +/- 0.000 χ^2/NDF : 108327943945767
 All: -95.783 +/- 0.000 χ^2/NDF : 272095920362

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



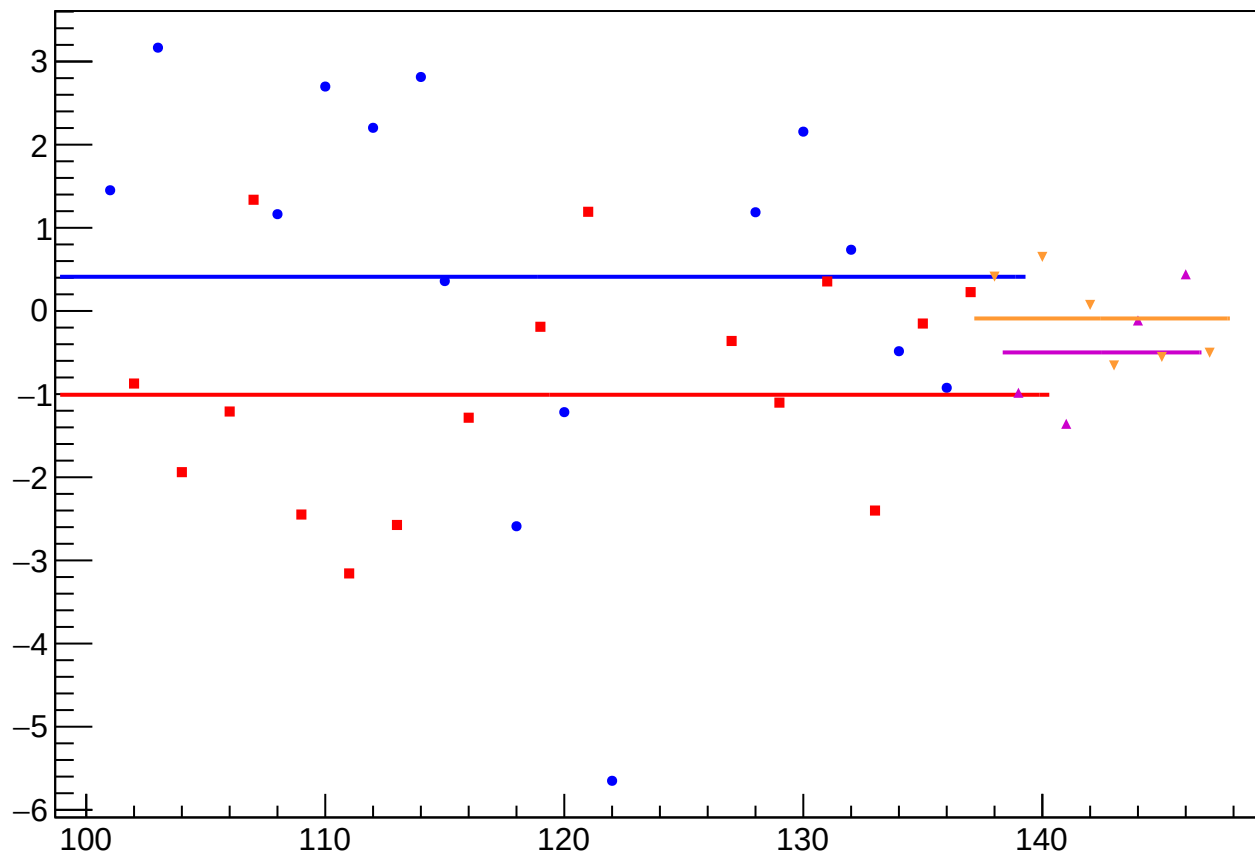
Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 217.273 +/- 0.000 χ^2/NDF : 1304641989611327332086727646484889600.0/5
 Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: -250.336 +/- 0.000 χ^2/NDF : 344159073829649073652480254423334912.0/3
 All: 8.221 +/- 0.000 χ^2/NDF : 96520664173068

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



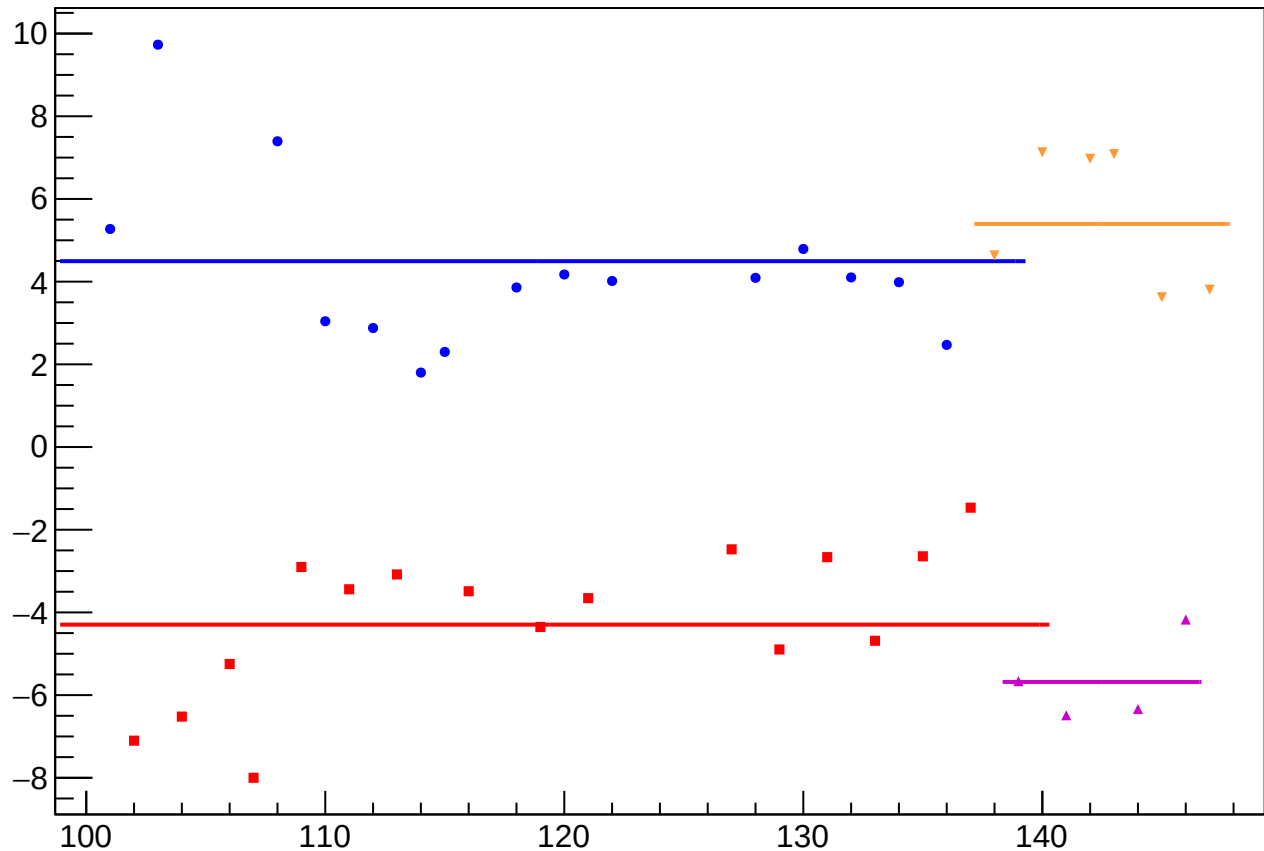
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5
 Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3
 All: 39.188 $\pm$ 0.000 χ^2 /NDF: 2341874758871

dit_4aX_coil4_mean vs Slug, Sign Corrected



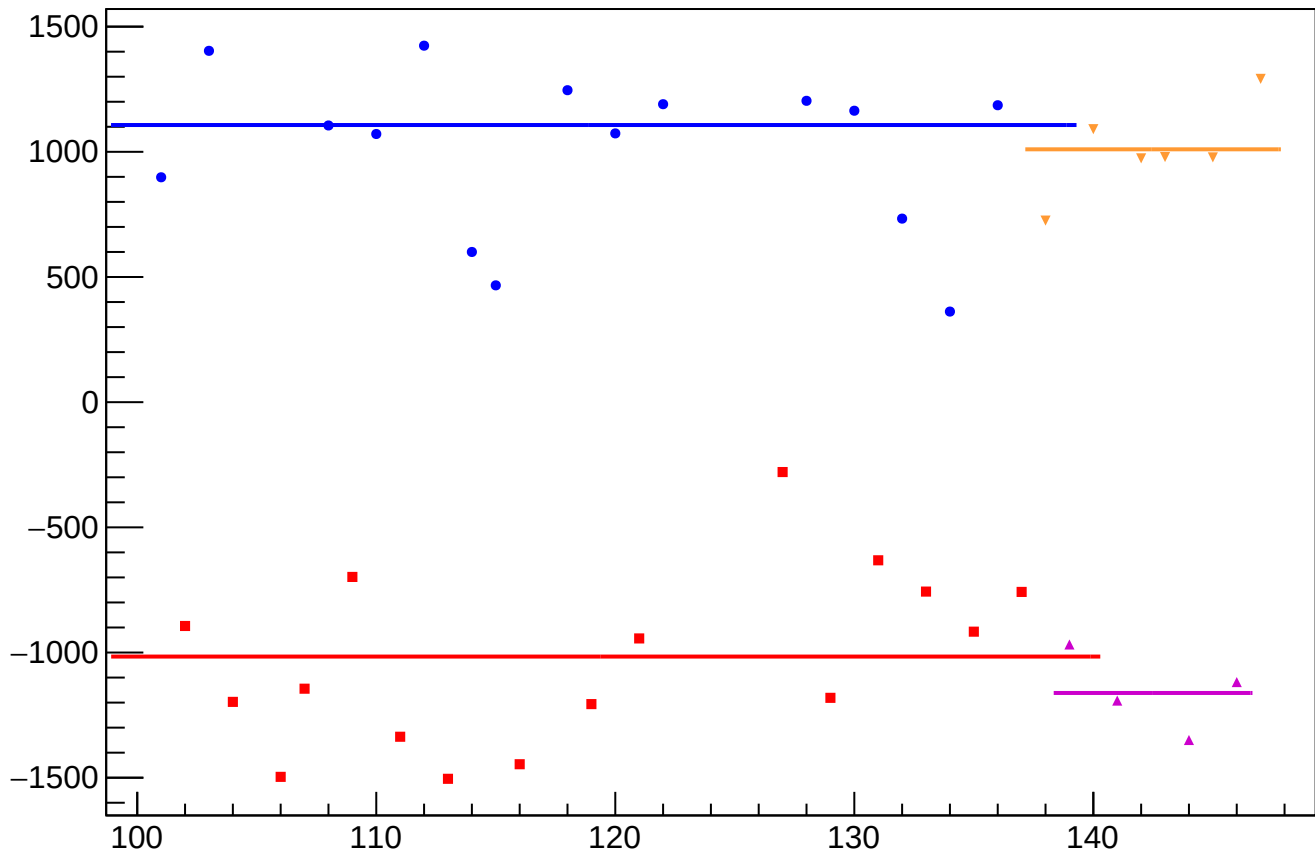
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: -0.090+/-0.000 χ^2/NDF : 117886906649157628420764039380992.0/5
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -0.499+/-0.000 χ^2/NDF : 168087272337749664914252054396928.0/3
 All: -0.294+/-0.000 χ^2/NDF : 5494644996847

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



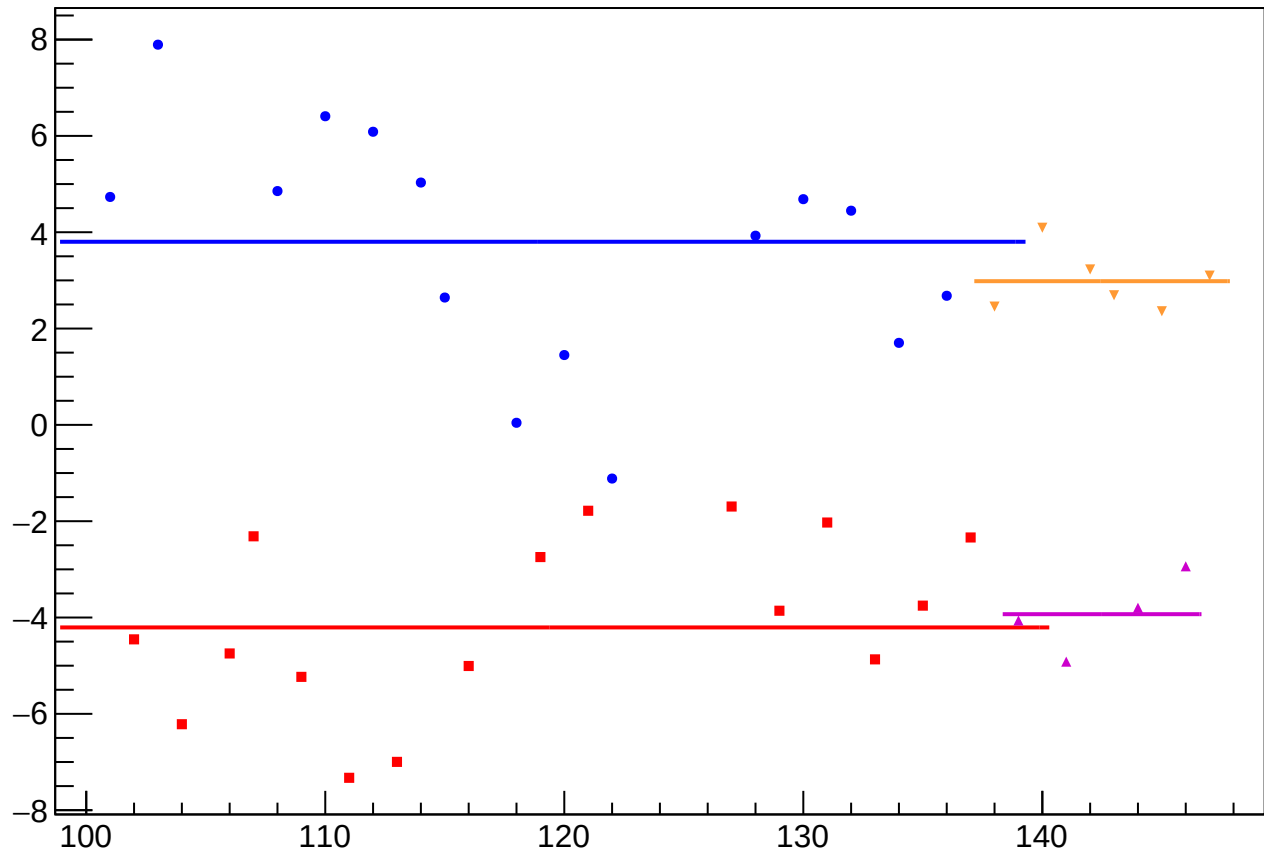
Left: 0.534+/-0.000 χ^2/NDF : 24601116078677067
 Right In: 4.495+/-0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 5.396+/-0.000 χ^2/NDF : 1048560096602643720332017032757248.0/5
 Right Out: -4.296+/-0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: -5.681+/-0.000 χ^2/NDF : 282270633120519636724078388183040.0/3
 All: 0.222+/-0.000 χ^2/NDF : 54893192754648

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



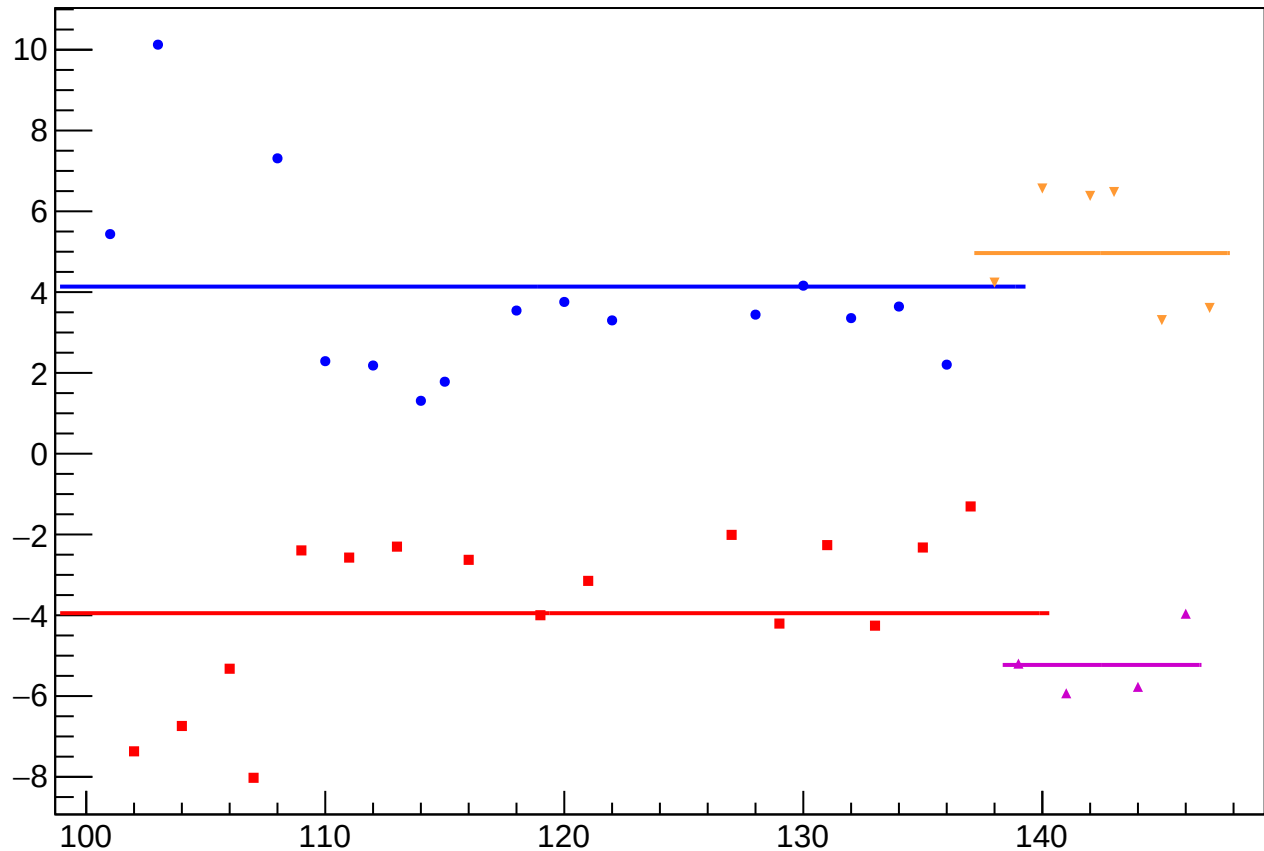
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_4eX_coil4_mean vs Slug, Sign Corrected



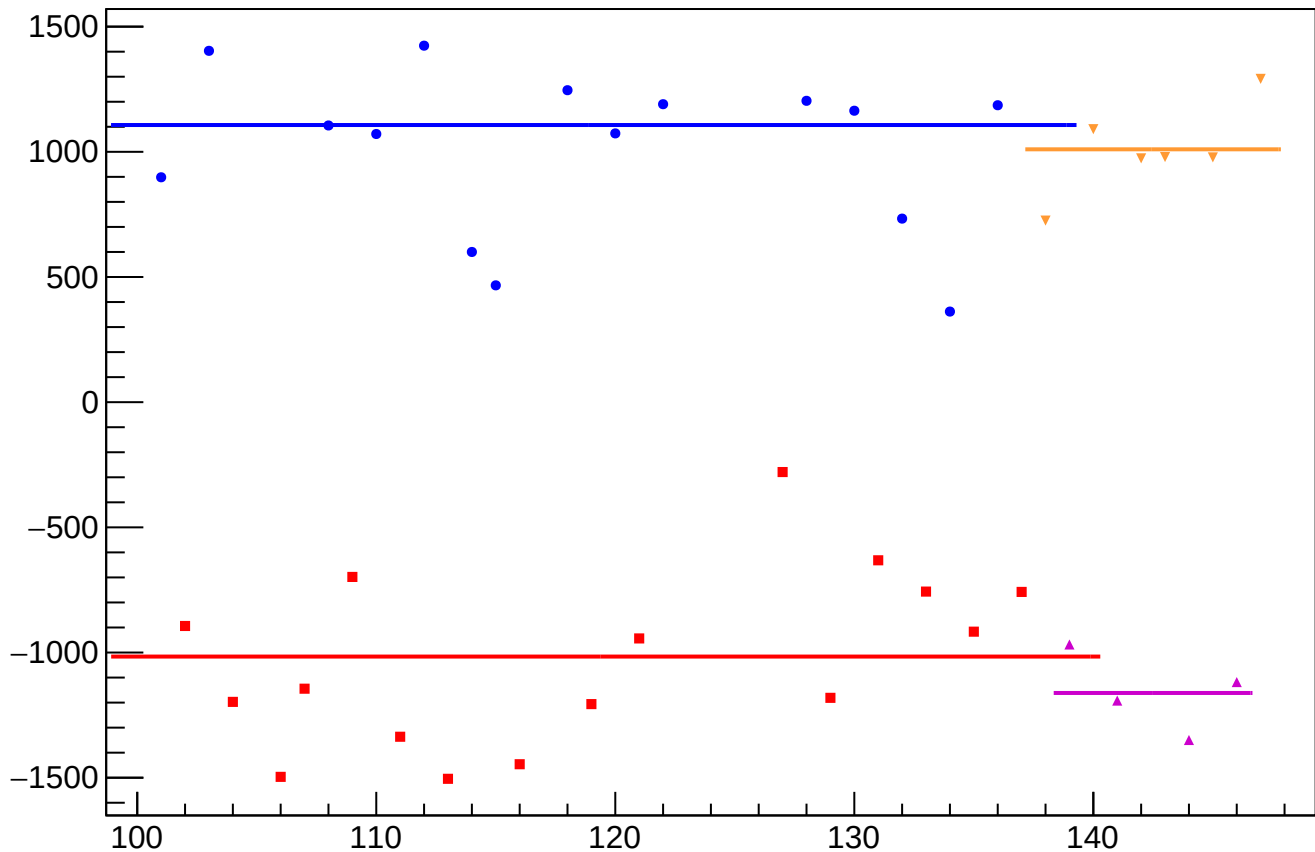
Right In: 3.802 ± 0.000 $\chi^2/\text{NDF}: 3795476074398338930564700657680384.0/14$
 Left Out: 2.983 ± 0.000 $\chi^2/\text{NDF}: 163790040529078871730365623435264.0/5$
 Right Out: -4.206 ± 0.000 $\chi^2/\text{NDF}: 2096427813341454573332265183477760.0/15$
 Left In: -3.931 ± 0.000 $\chi^2/\text{NDF}: 167532368117875606530792462745600.0/3$
 All: -0.181 ± 0.000 $\chi^2/\text{NDF}: 3640125326941$

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



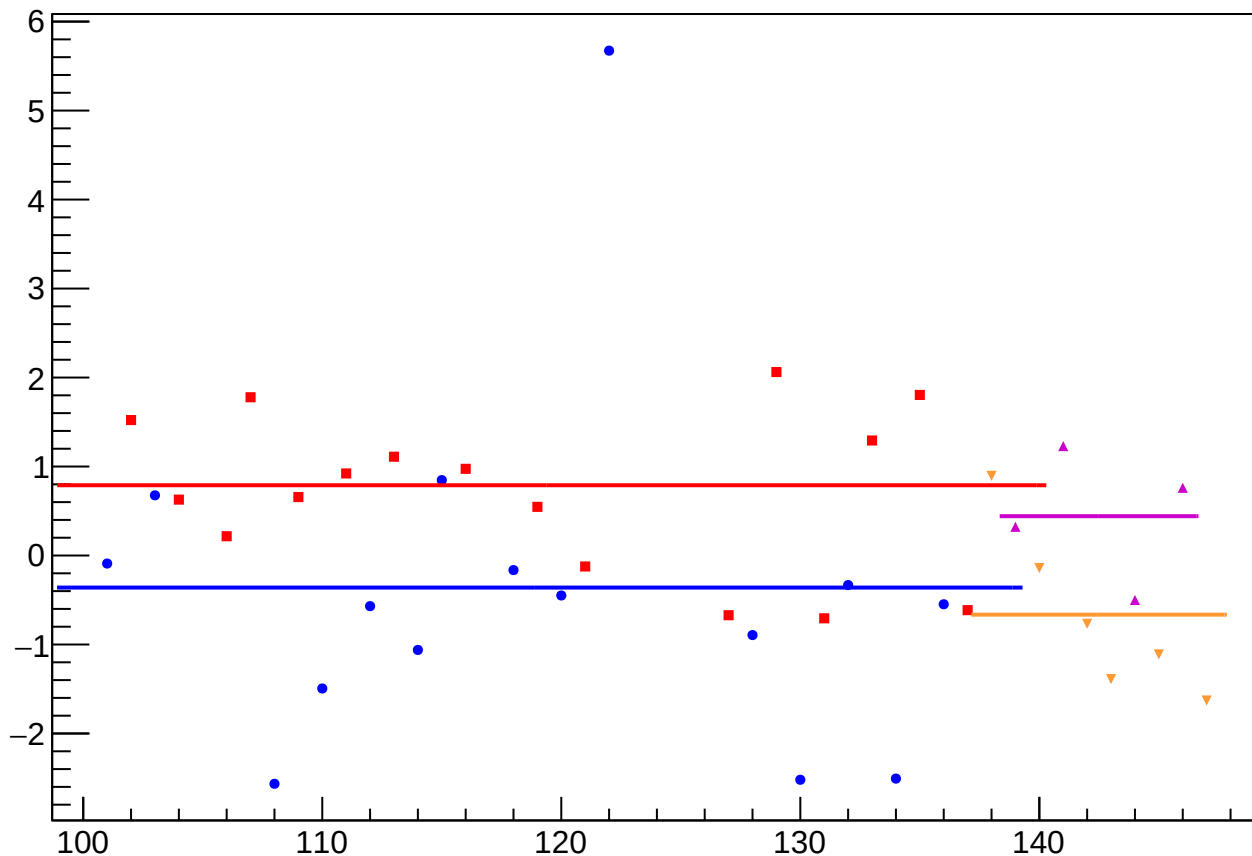
Left: 0.491 +/- 0.000 χ^2/NDF : 207775719613201316
 Right: 0.039 +/- 0.000 χ^2/NDF : 27678490251430251
 In: 0.929 +/- 0.000 χ^2/NDF : 2320351718527836478
 Out: -0.444 +/- 0.000 χ^2/NDF : 24371349078300584
 All: 0.206 +/- 0.000 χ^2/NDF : 48555453738436

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



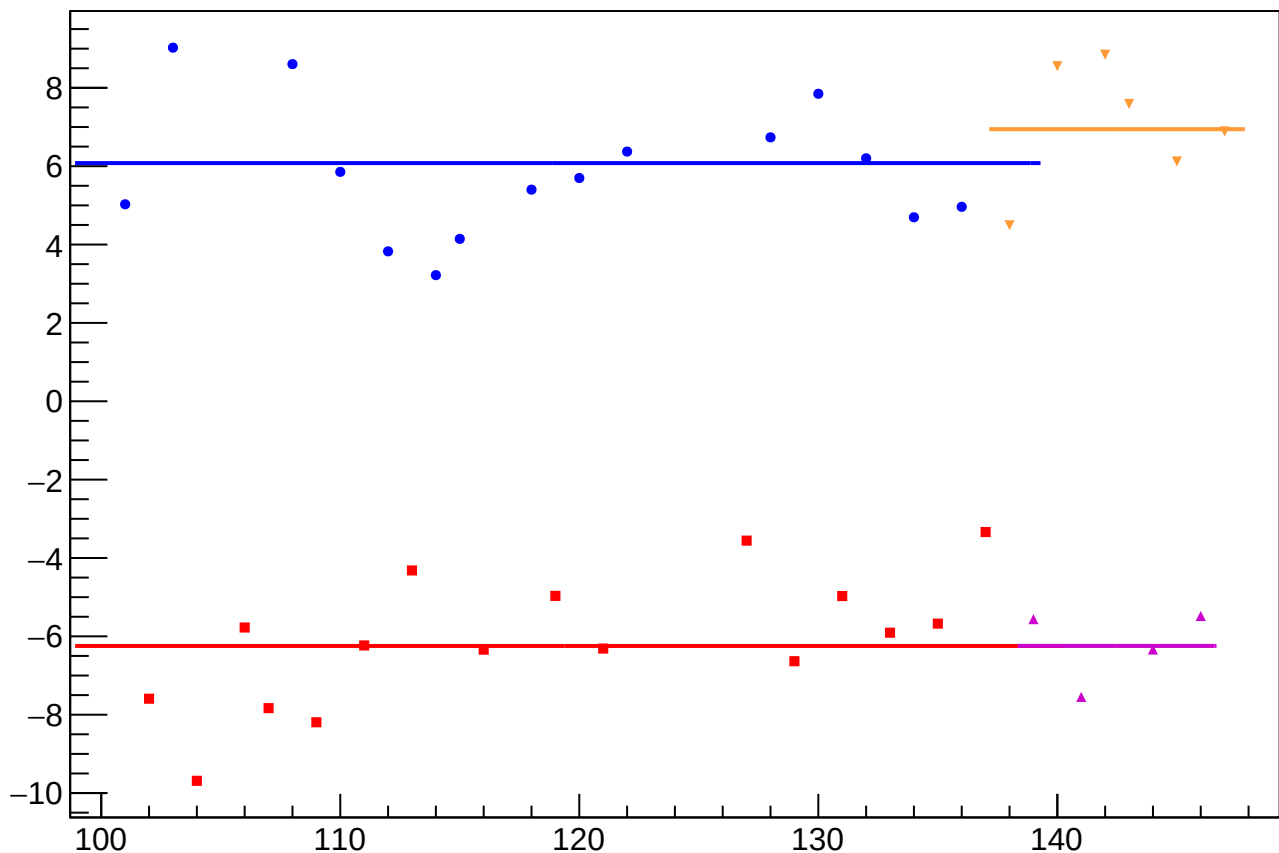
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 $\pm$ 0.000 χ^2 /NDF: 641508227518753229804308665552863232.0/3
 All: 40.488 $\pm$ 0.000 χ^2 /NDF: 2510169074783

dit_11X12X_coil4_mean vs Slug, Sign Corrected



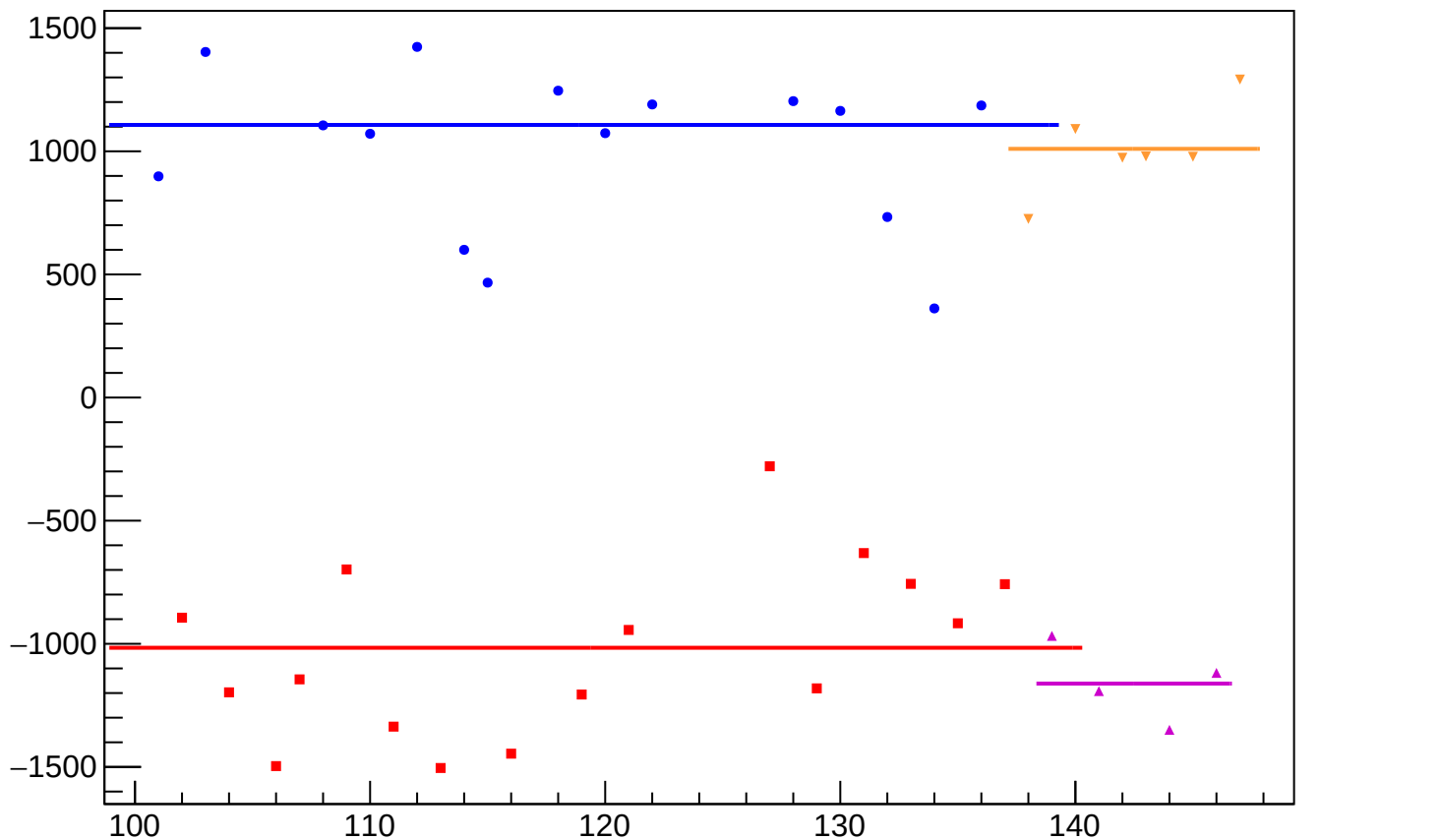
Right In: -0.360 ± 0.000 $\chi^2/\text{NDF} = 2180256348790896849346212178952192.0/14$
 Left Out: -0.665 ± 0.000 $\chi^2/\text{NDF} = 336578700593412539386087235125248.0/5$
 Right Out: 0.790 ± 0.000 $\chi^2/\text{NDF} = 463078369073343959803422903894016.0/15$
 Left In: 0.442 ± 0.000 $\chi^2/\text{NDF} = 141182825841350857293866563796992.0/3$
 All: 0.074 ± 0.000 $\chi^2/\text{NDF} = 38665415204751.0/14$

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



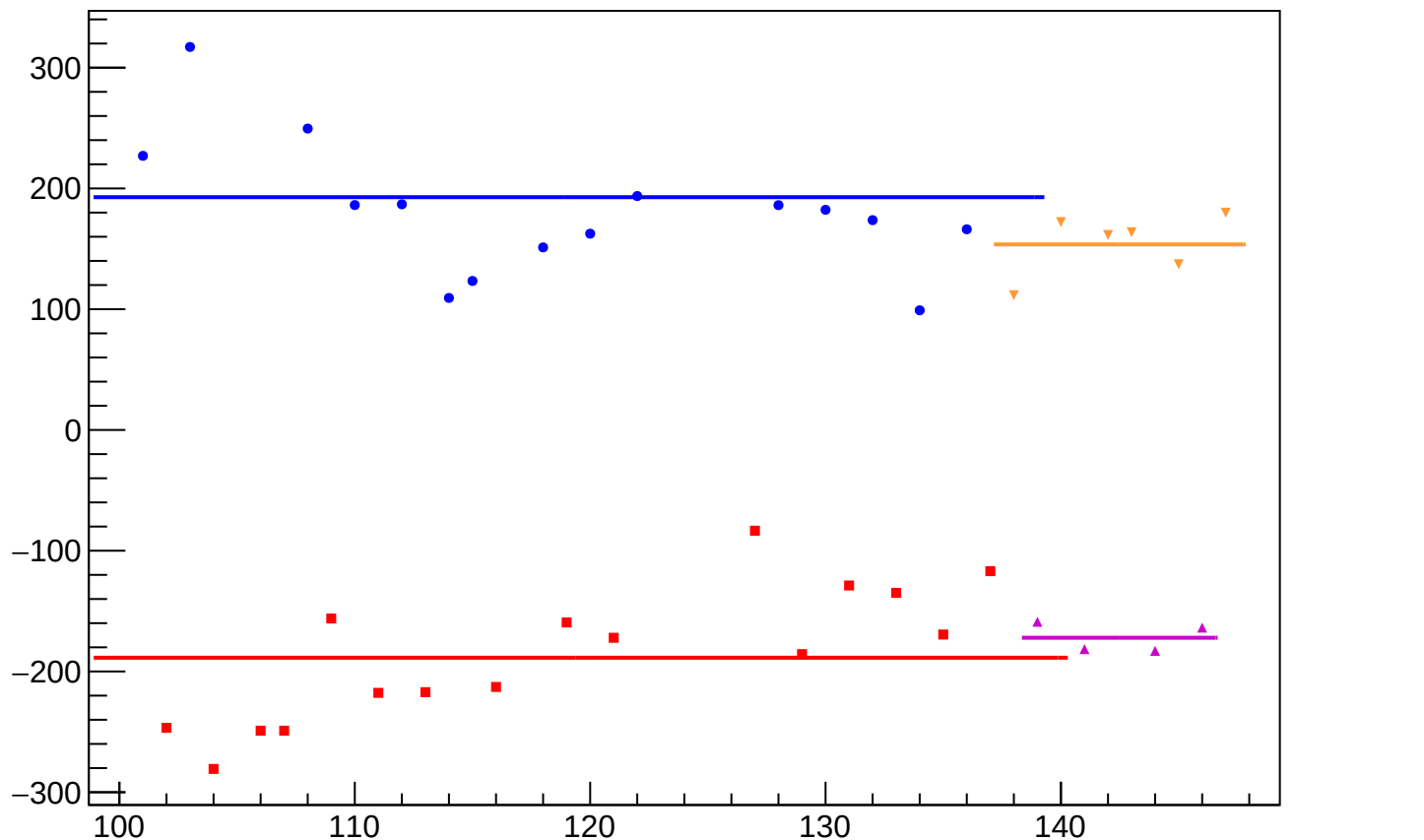
Right In: 6.079±/0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14
 Left Out: 6.944±/0.000 χ^2/NDF : 930300566663596517334017994915840.0/5
 Right Out: -6.245±/0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15
 Left In: -6.244±/0.000 χ^2/NDF : 230890425777837246693406677139456.0/3
 All: 0.321±/0.000 χ^2/NDF : 88367129307249

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



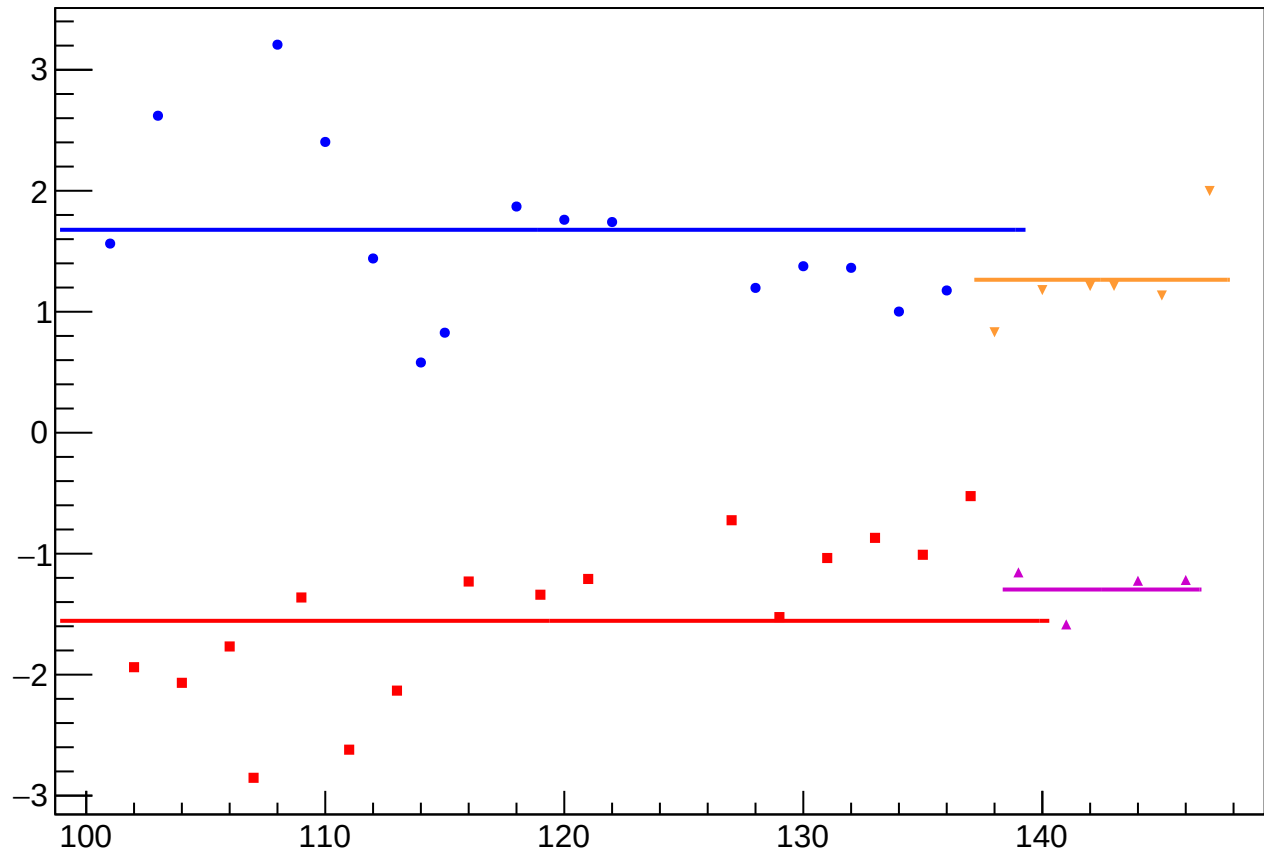
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_4aY_coil4_mean vs Slug, Sign Corrected



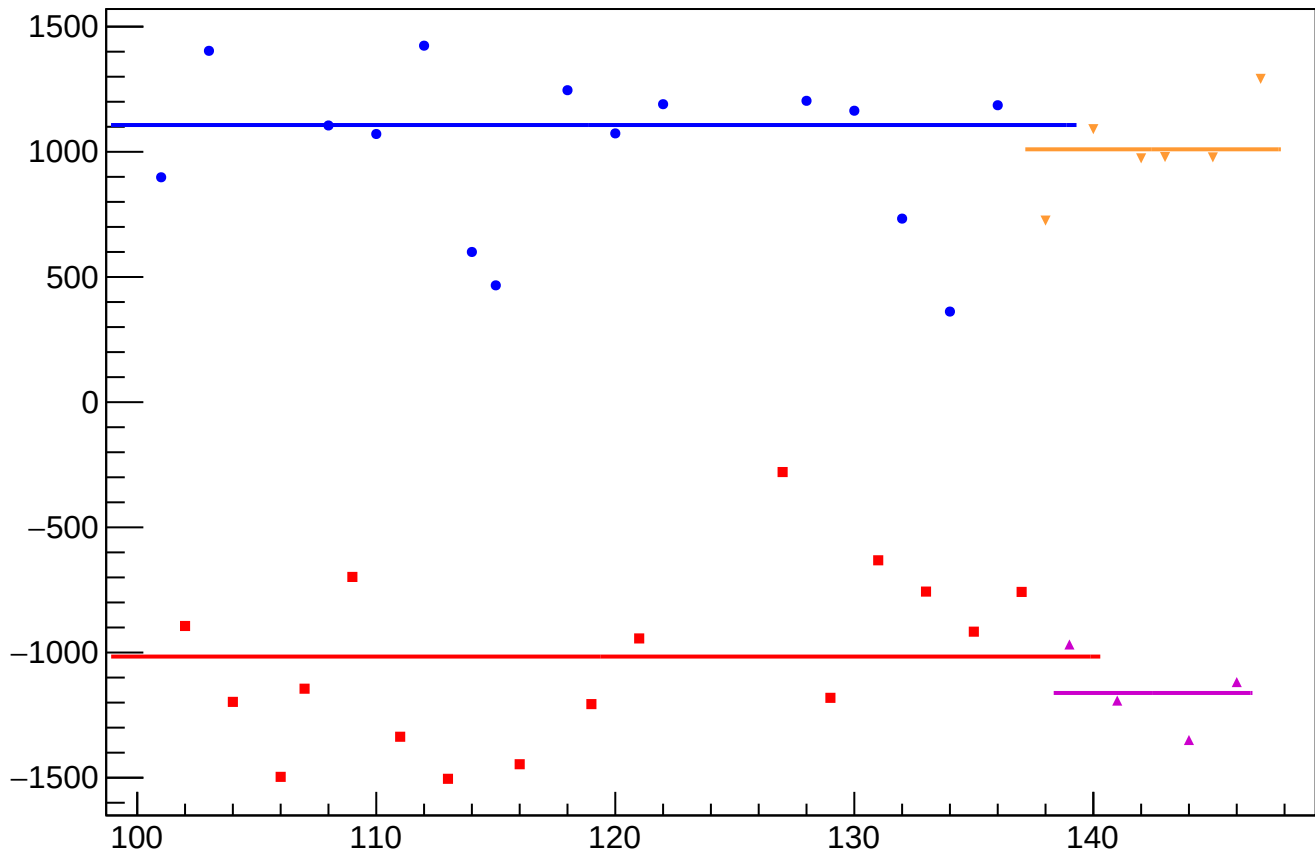
Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14
 Left Out: 153.637 $\pm$ 0.000 χ^2 /NDF: 251346320881896929773332916902821888.0/5
 Right Out: -188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15
 Left In: -172.074 $\pm$ 0.000 χ^2 /NDF: 38047246366530308138209104835379200.0/3
 All: 3.602 $\pm$ 0.000 χ^2 /NDF: 71875630643268

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.264 $\pm$ 0.000 χ^2 /NDF: 58971663877849428050681828212736.0/5
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: -1.296 $\pm$ 0.000 χ^2 /NDF: 9684398312811148568540699688960.0/3
 All: 0.077 $\pm$ 0.000 χ^2 /NDF: 52515346057234.0/20

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000

χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000

χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: -1016.106+/-0.000

χ^2/NDF : 72567664333509192712184310037150171136.0/15

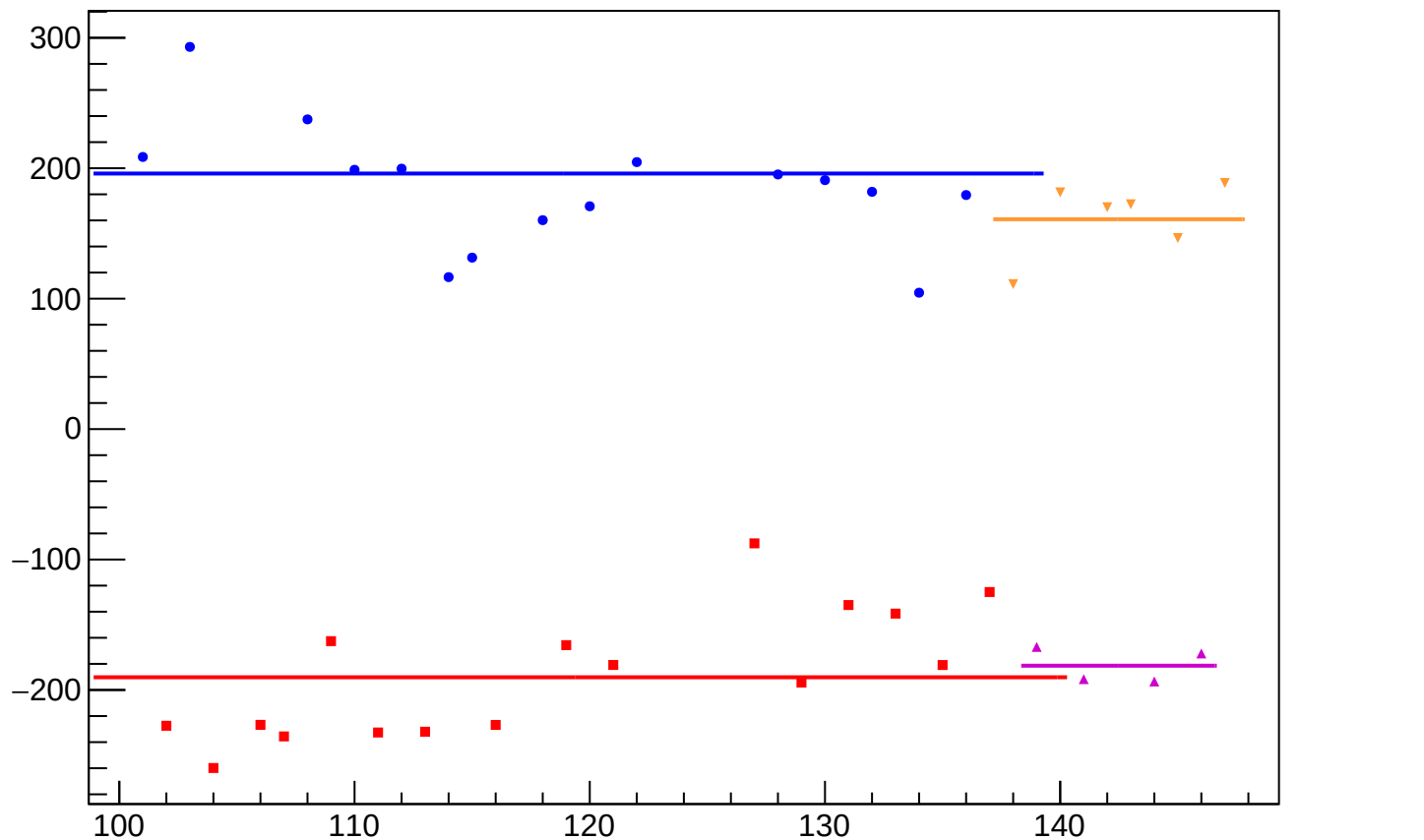
Left In: -1161.518+/-0.000

χ^2/NDF : 641508227518753229804308665552863232.0/3

All: 40.488+/-0.000

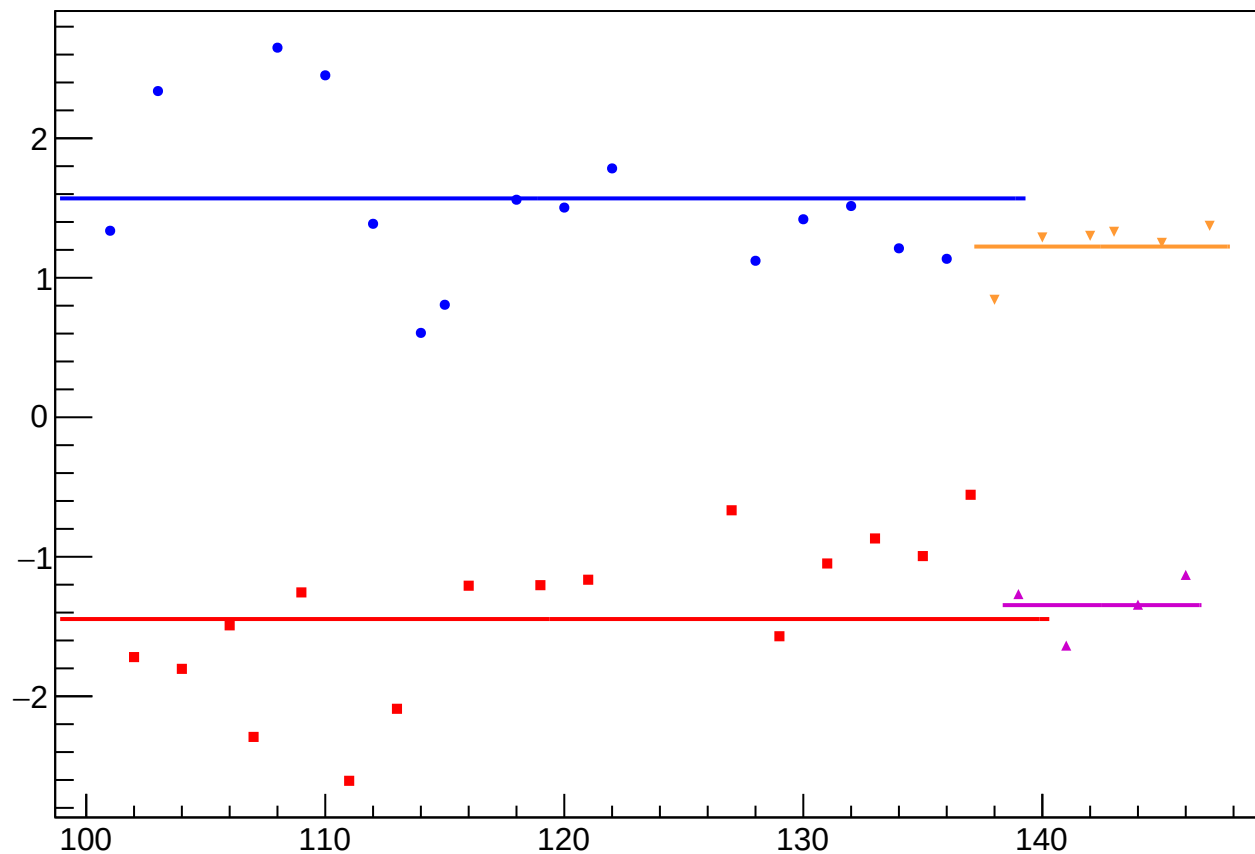
χ^2/NDF : 2510169074783

dit_4eY_coil4_mean vs Slug, Sign Corrected



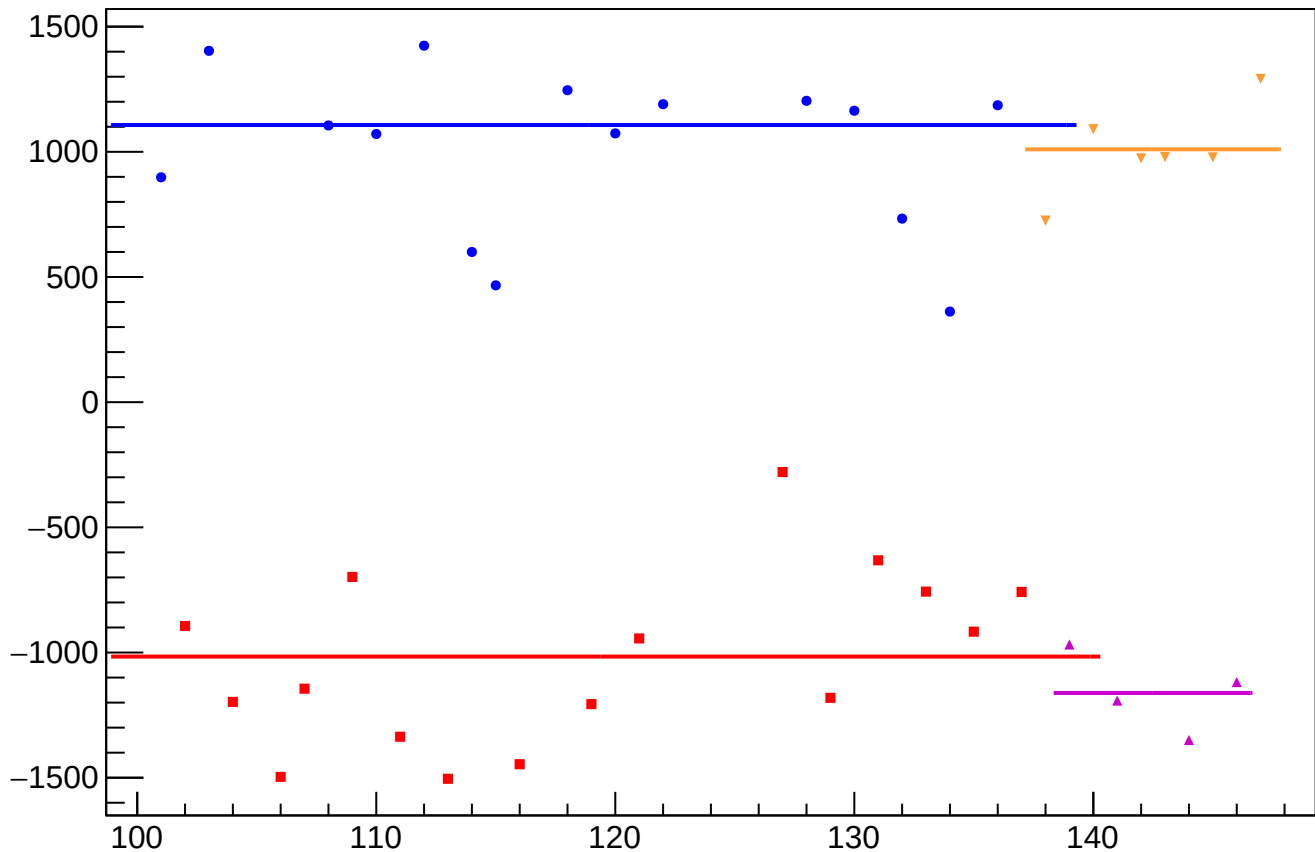
Right In: 195.940 ± 0.000 $\chi^2/\text{NDF}: 1057891079869089572370479093183938560.0/14$
 Left Out: 160.889 ± 0.000 $\chi^2/\text{NDF}: 317934390188400954282607487366463488.0/5$
 Right Out: -190.268 ± 0.000 $\chi^2/\text{NDF}: 1468473073667973330267084234323656704.0/15$
 Left In: -181.400 ± 0.000 $\chi^2/\text{NDF}: 46129722307868550626734319018704896.0/3$
 All: 4.050 ± 0.000 $\chi^2/\text{NDF}: 74224249959249$

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



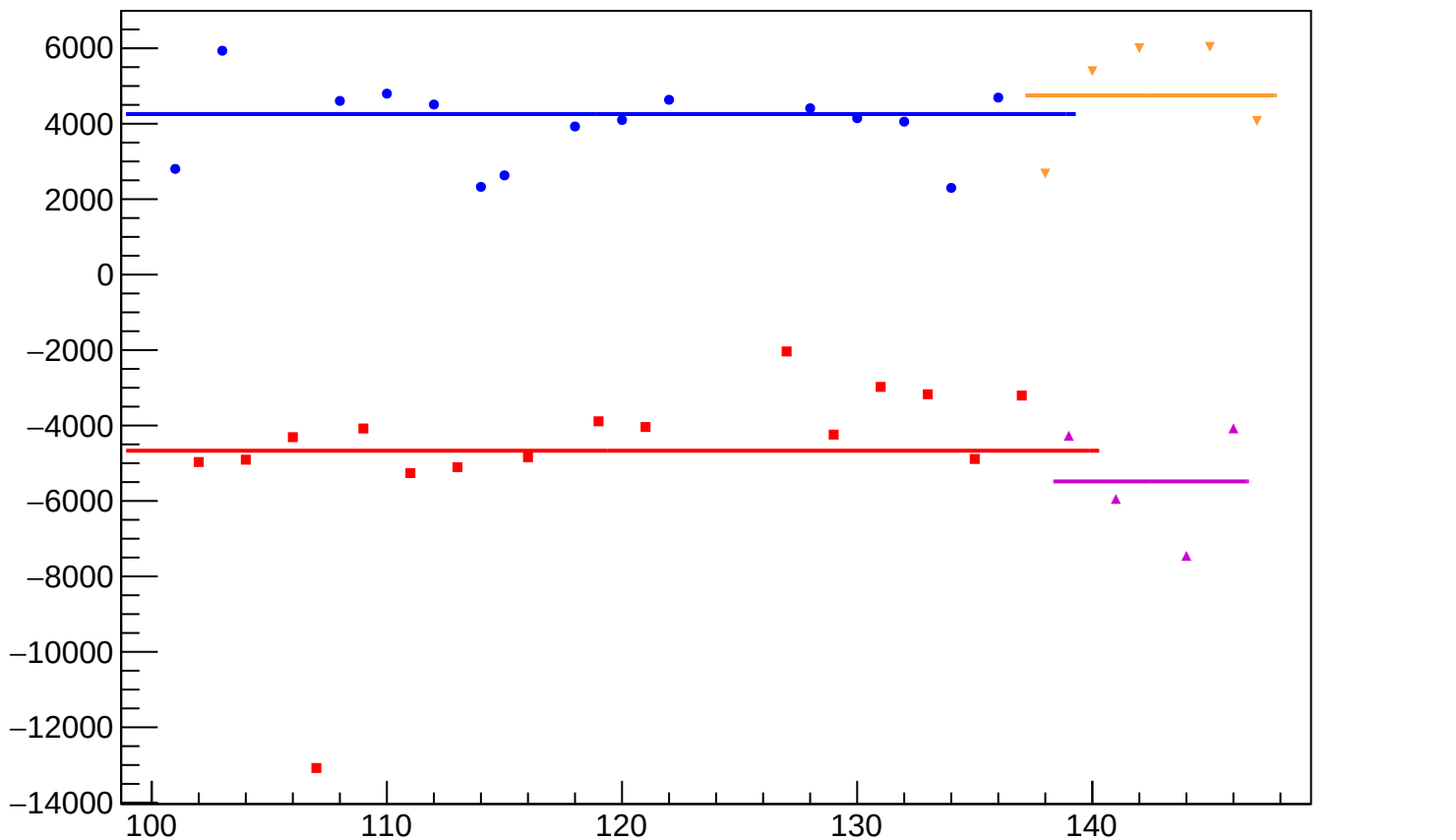
Left: 0.096 +/- 0.000 χ^2/NDF : 127891215251452369
 Right In: 1.569 +/- 0.000 χ^2/NDF : 162849195668123380789610540957696.0/14
 Right: 0.041 +/- 0.000 χ^2/NDF : 33499303962631440
 Left Out: 1.224 +/- 0.000 χ^2/NDF : 14514081886416063715557421088768.0/5
 In: 0.571 +/- 0.000 χ^2/NDF : 2063651230975576287
 Right Out: -1.446 +/- 0.000 χ^2/NDF : 196296653917523352443271052787712.0/15
 Out: -0.397 +/- 0.000 χ^2/NDF : 20800972260402519
 Left In: -1.347 +/- 0.000 χ^2/NDF : 11557636670830707203375540207616.0/3
 All: 0.061 +/- 0.000 χ^2/NDF : 46303011905702

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



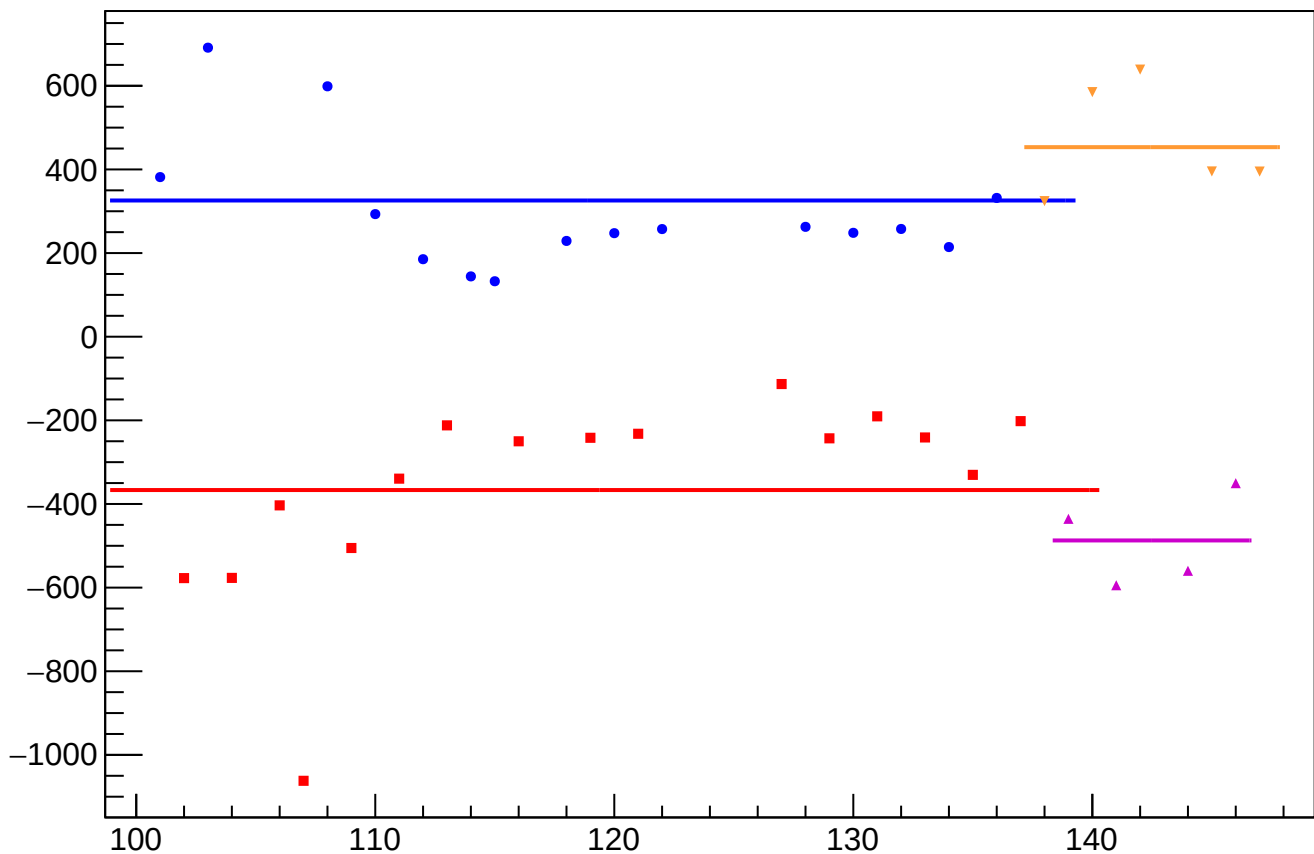
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4749.787+/-0.000 χ^2/NDF : 610291731572486638740538846418885935104.0/4
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -5482.025+/-0.000 χ^2/NDF : 647630588764071272526639206438476447744.0/3
 All: -232.938+/-0.000 χ^2/NDF : 49532106977

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732 +/- 0.000

χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 453.269 +/- 0.000

χ^2/NDF : 4839986633621568274113293021784047616.0/4

Right Out: -366.682 +/- 0.000

χ^2/NDF : 32097250699947956409117440115398934528.0/15

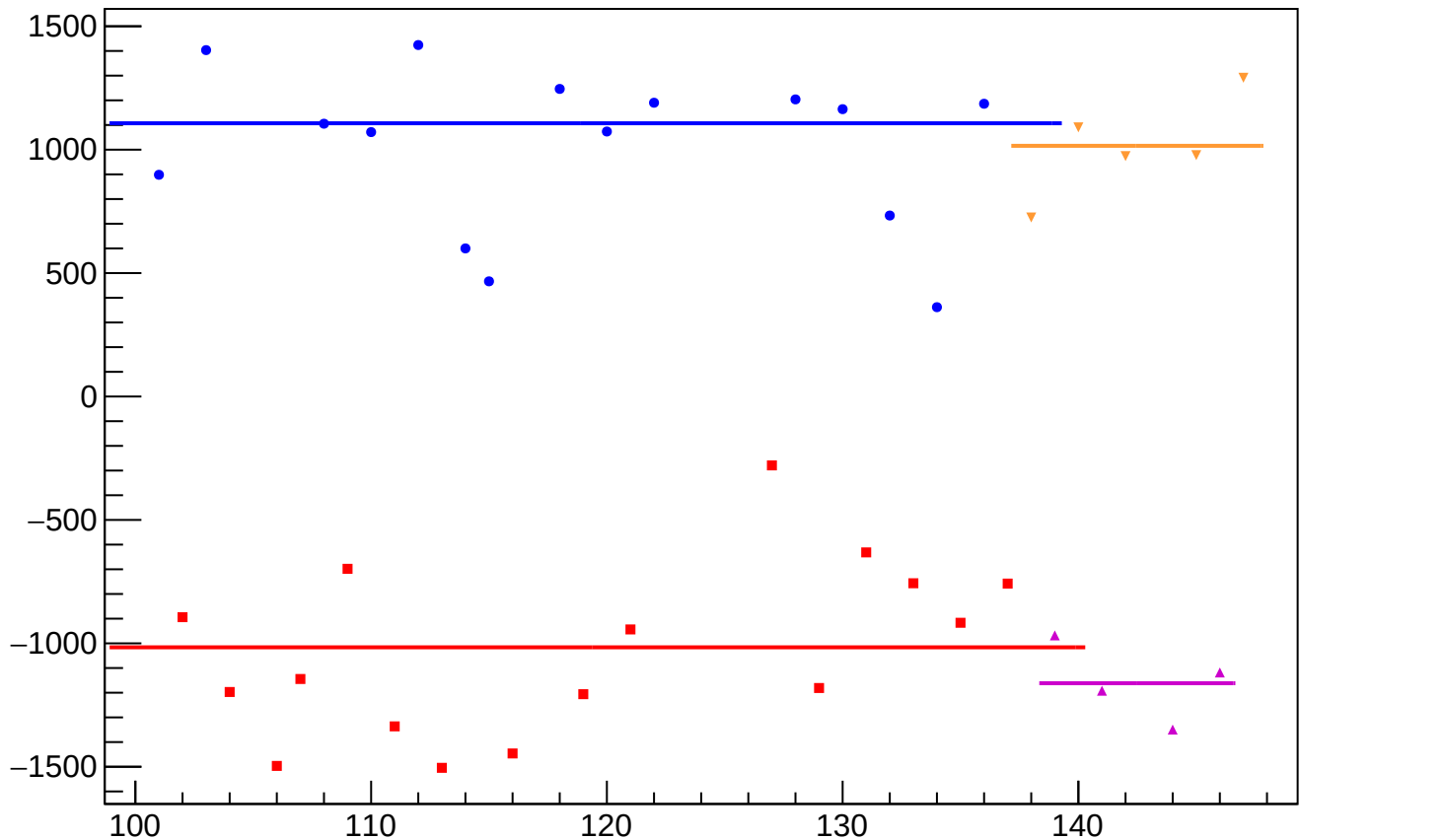
Left In: -487.209 +/- 0.000

χ^2/NDF : 3217673076062534372404153073602134016.0/3

All: -16.053 +/- 0.000

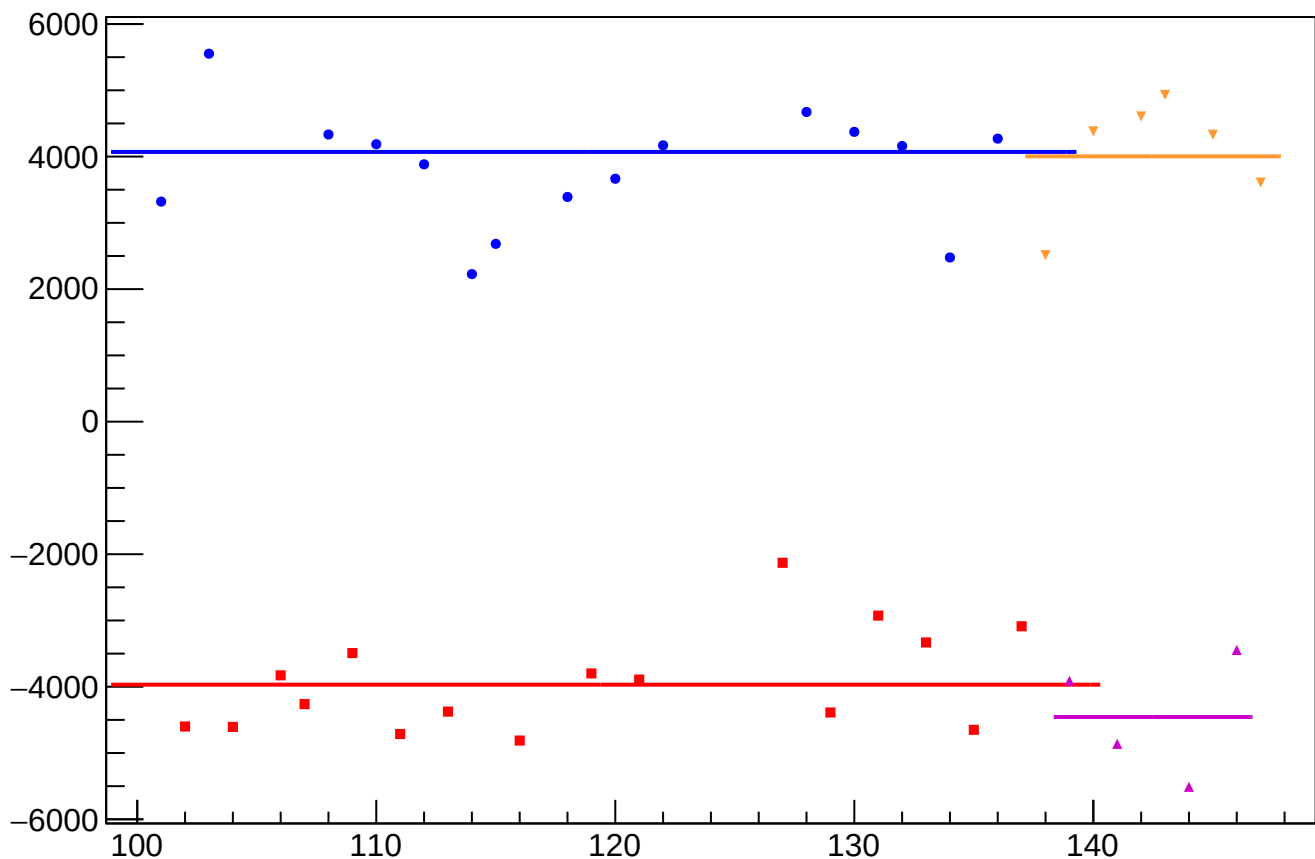
Left: 1.090 +/- 0.000 χ^2/NDF : 163279330081719462
 Right: -25.211 +/- 0.000 χ^2/NDF : 204436046213041
 In: 47.339 +/- 0.000 χ^2/NDF : 164731043060609116
 Out: -76.680 +/- 0.000 χ^2/NDF : 1955417903273551

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1015.666+/-0.000 χ^2/NDF : 13162834707955244001467038176873807872.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 9.341+/-0.000 χ^2/NDF : 24491832813832

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444+/-0.000

χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 4003.480+/-0.000

χ^2/NDF : 280146732172641703652189438312894693376.0/5

Right Out: -3968.723+/-0.000

χ^2/NDF : 359955880326194784467353369492594884608.0/15

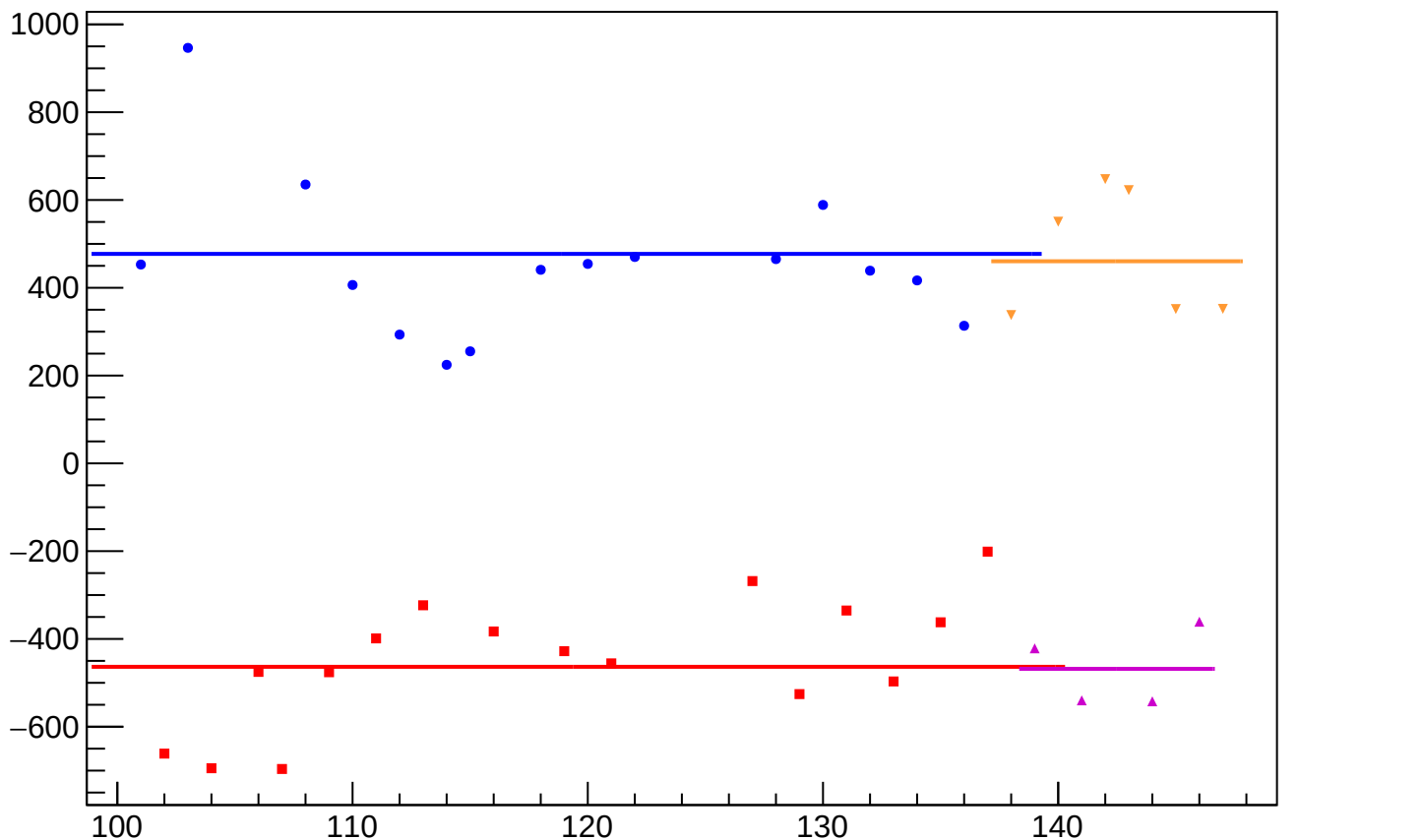
Left In: -4456.351+/-0.000

χ^2/NDF : 221688297500953854606116381791262605312.0/3

All: 104.428+/-0.000

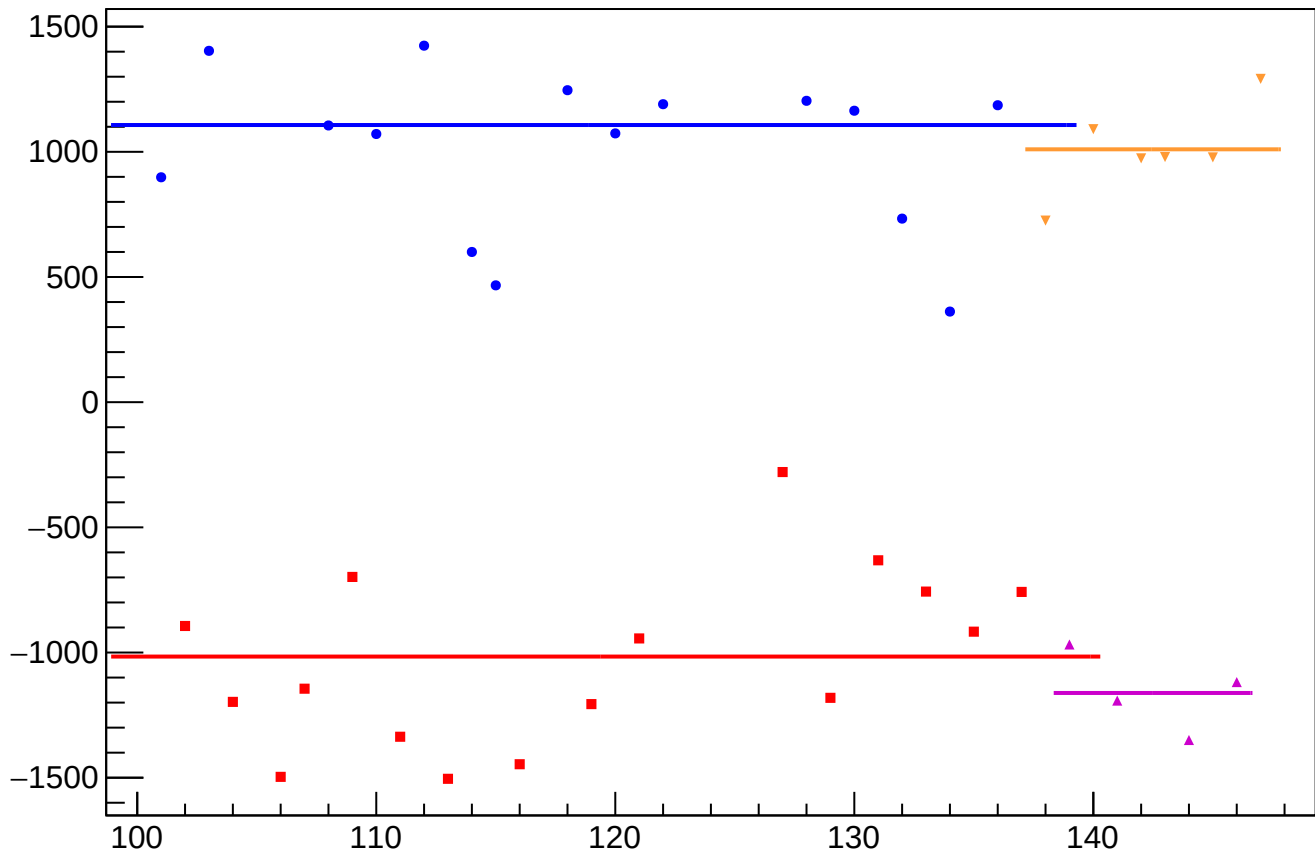
χ^2/NDF : 360774409583.0/14

dit_usr_coil4_err_mean vs Slug, Sign Corrected



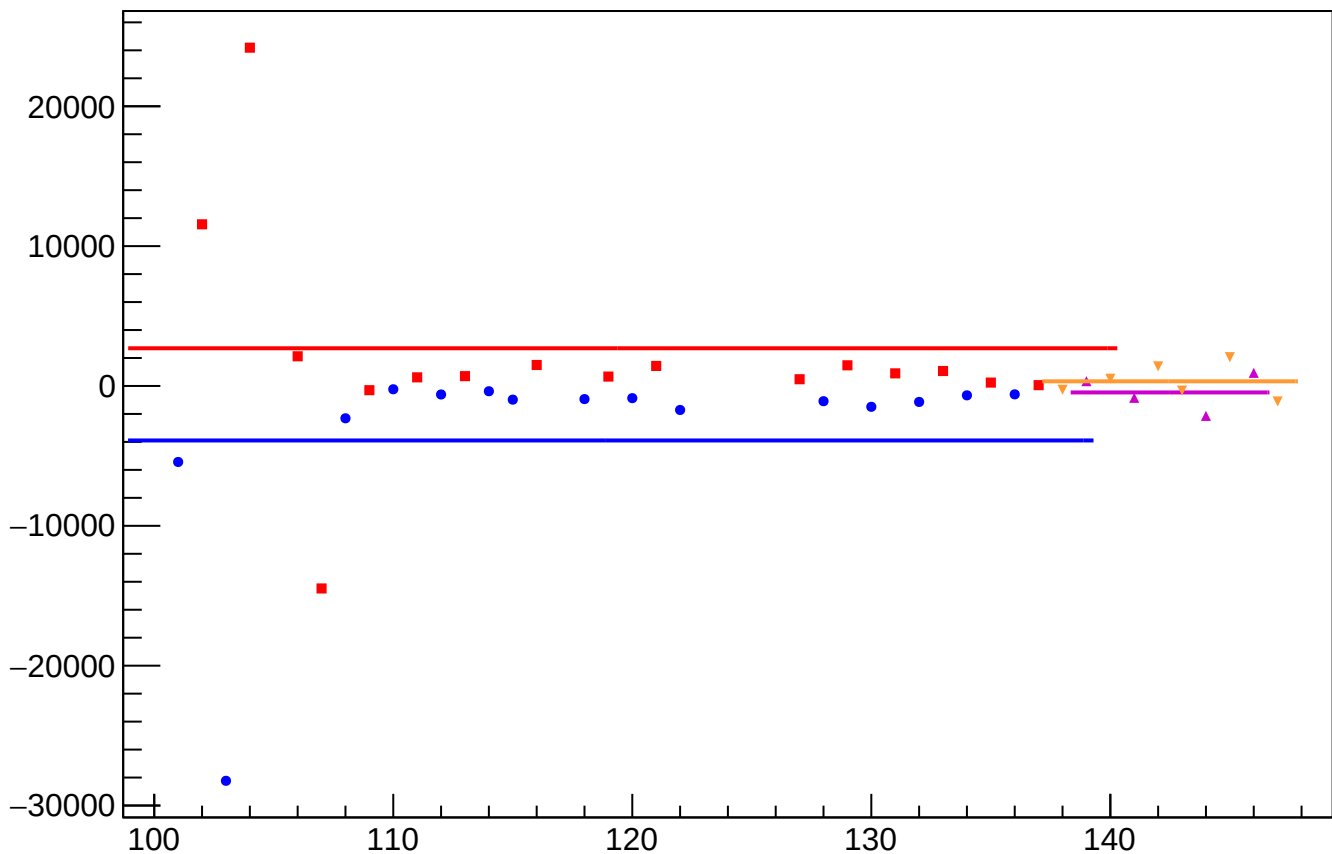
Right In: 477.186 $\pm$ 0.000 χ^2 /NDF: 20455719931758379978892605184974782464.0/14
 Left Out: 460.436 $\pm$ 0.000 χ^2 /NDF: 7085131526320624515817097087976210432.0/5
 Right Out: -463.513 $\pm$ 0.000 χ^2 /NDF: 12556777931069903370031832388184571904.0/15
 Left In: -468.117 $\pm$ 0.000 χ^2 /NDF: 2057890020258326350654917971151945728.0/3
 All: 19.758 $\pm$ 0.000 χ^2 /NDF: 4980752660491

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



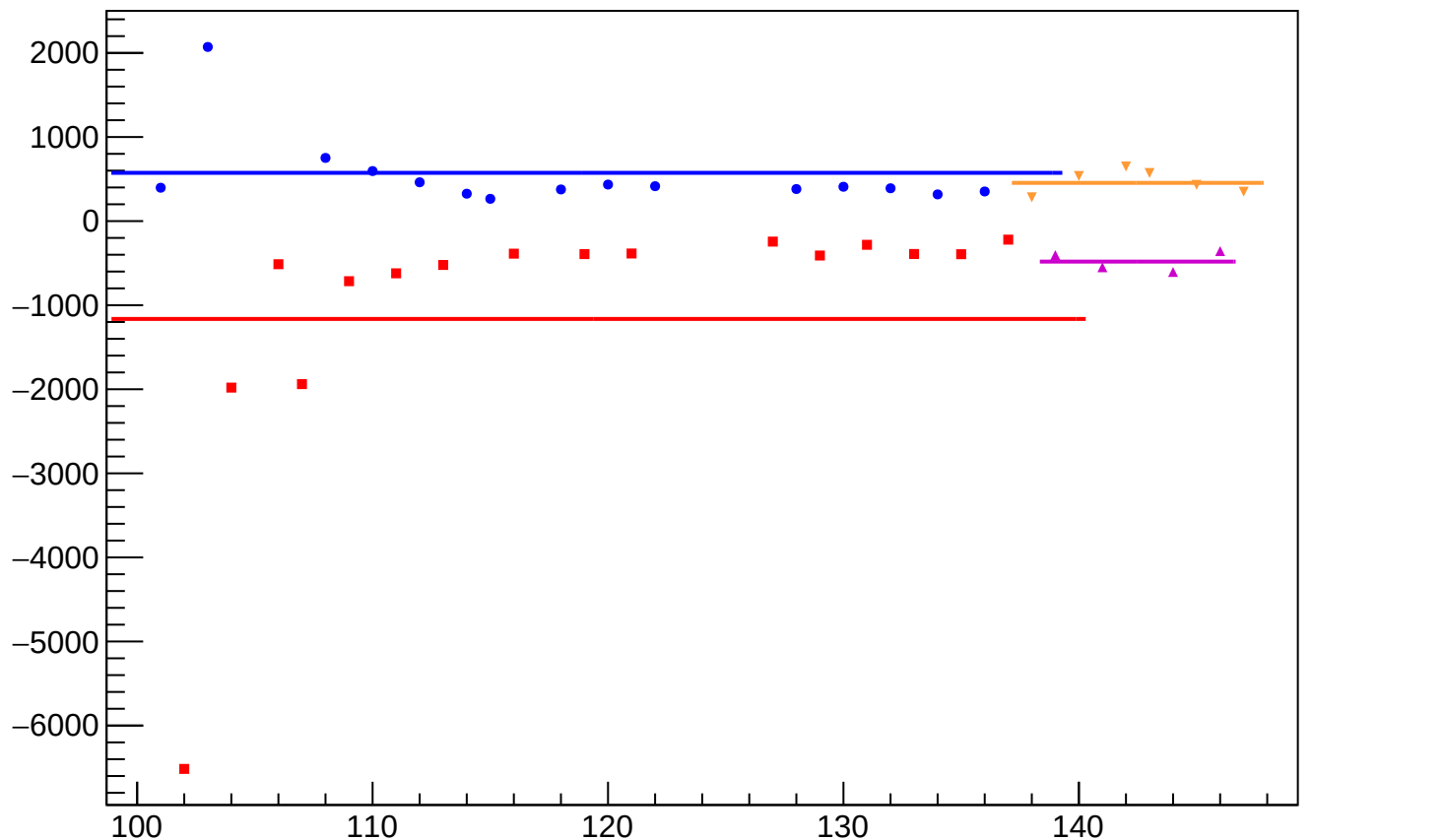
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 +/- 0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 +/- 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488 +/- 0.000 χ^2/NDF : 2510169074783

dit_atl1_coil4_mean vs Slug, Sign Corrected



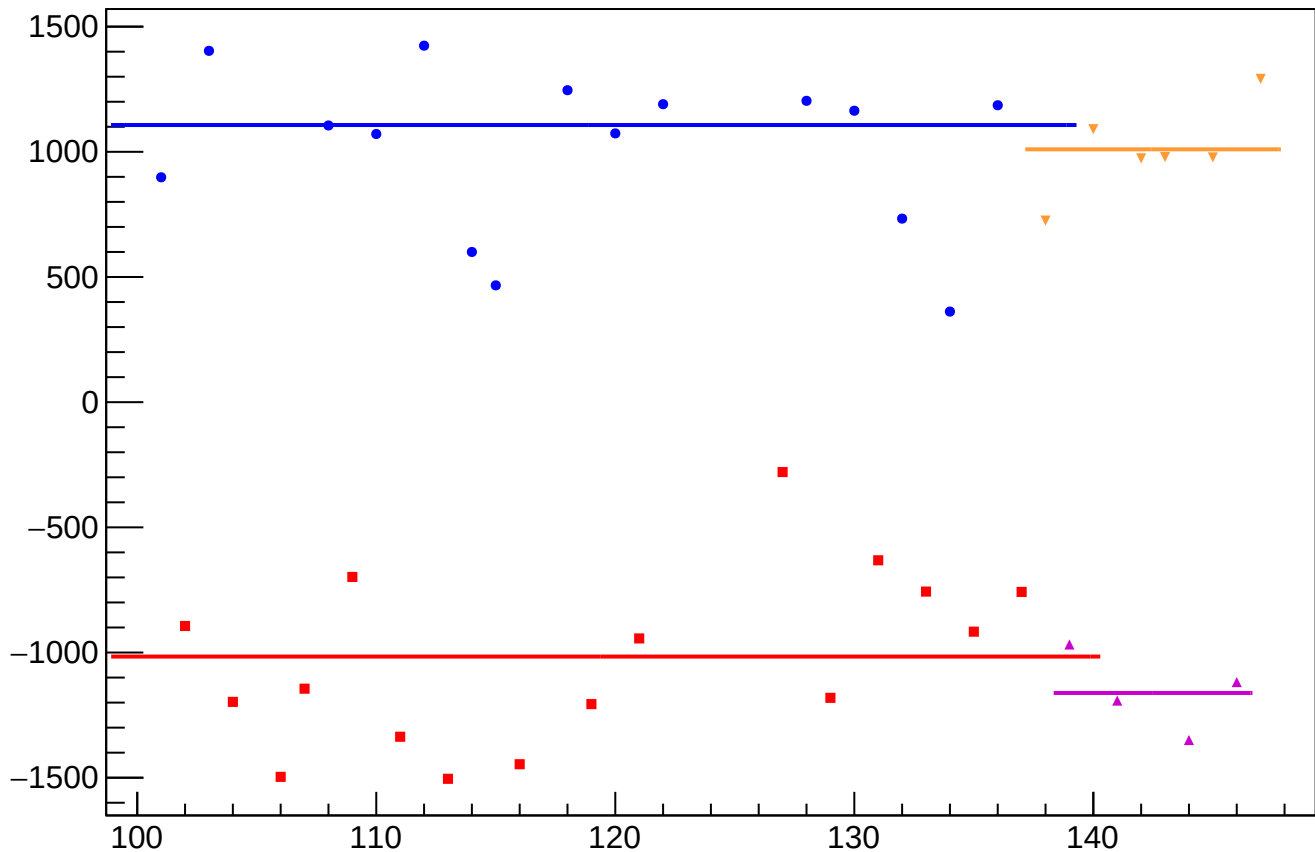
Left: -16.222 ± 0.000 $\chi^2/\text{NDF} = 1114177877354015$
 Right In: -3896.522 ± 0.000 $\chi^2/\text{NDF} = 39618598516481020448248440670012984786944.0/14$
 Right: -555.179 ± 0.000 $\chi^2/\text{NDF} = 94737135323081$
 Left Out: 333.025 ± 0.000 $\chi^2/\text{NDF} = 515946271306910700683306355852392267776.0/5$
 In: -2720.568 ± 0.000 $\chi^2/\text{NDF} = 427175424235503$
 Right Out: 2695.992 ± 0.000 $\chi^2/\text{NDF} = 40822463071462352124212058386591729582080.0/15$
 Out: 1767.146 ± 0.000 $\chi^2/\text{NDF} = 428023625735325$
 Left In: -462.597 ± 0.000 $\chi^2/\text{NDF} = 478192317564498132211947094038875734016.0/3$
 All: -356.235 ± 0.000 $\chi^2/\text{NDF} = 95992417788$

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



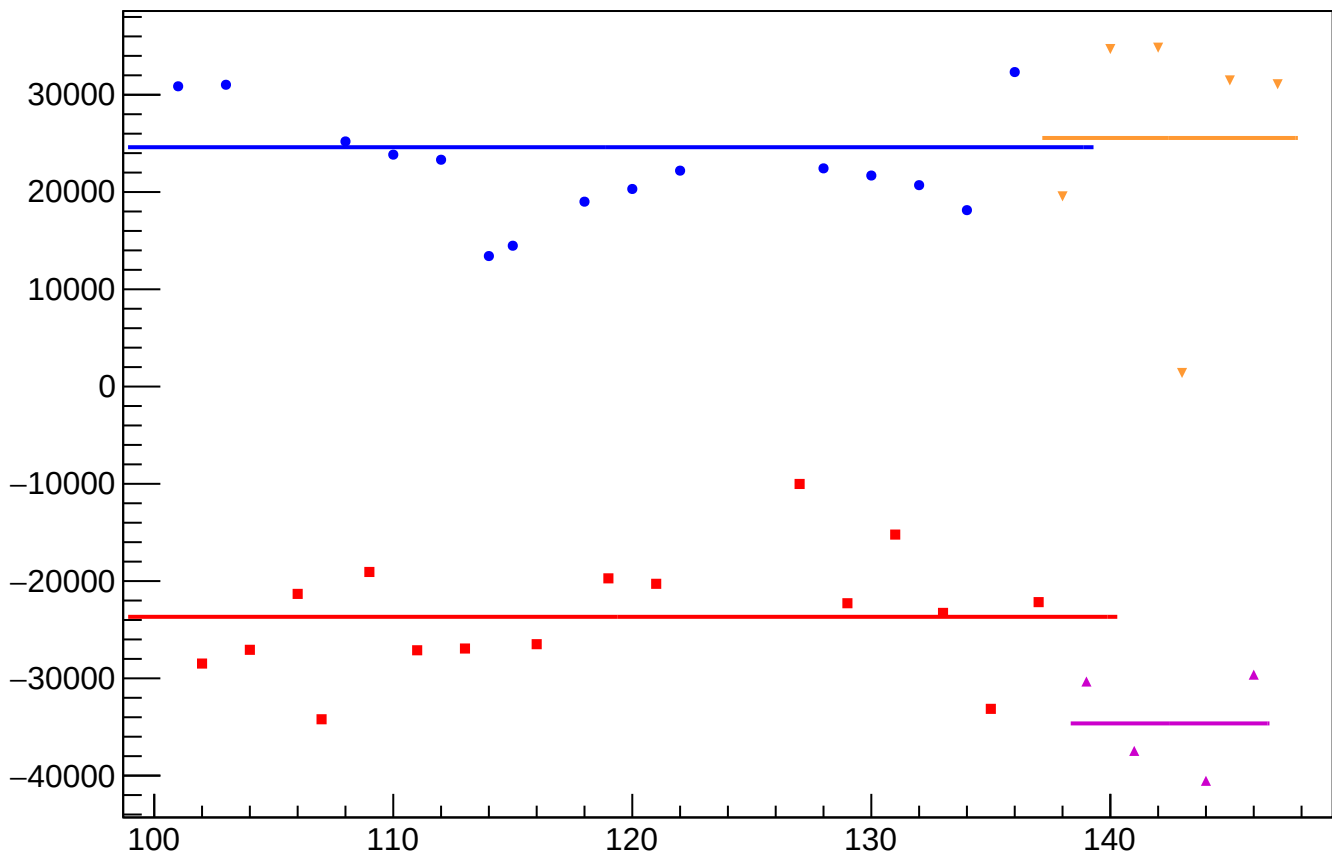
Left: 43.597 +/- 0.000 χ^2/NDF : 1762392269900016
 Right In: 574.055 +/- 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Right: -306.705 +/- 0.000 χ^2/NDF : 31486221730071
 Left Out: 454.673 +/- 0.000 χ^2/NDF : 6419263278608971478037331864232919040.0/5
 In: 212.475 +/- 0.000 χ^2/NDF : 4033947447775232
 Right Out: -1163.697 +/- 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Out: -527.540 +/- 0.000 χ^2/NDF : 269631453814429
 Left In: -481.802 +/- 0.000 χ^2/NDF : 3515989015110379527299465485744078848.0/3
 All: -177.399 +/- 0.000 χ^2/NDF : 33844712231

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



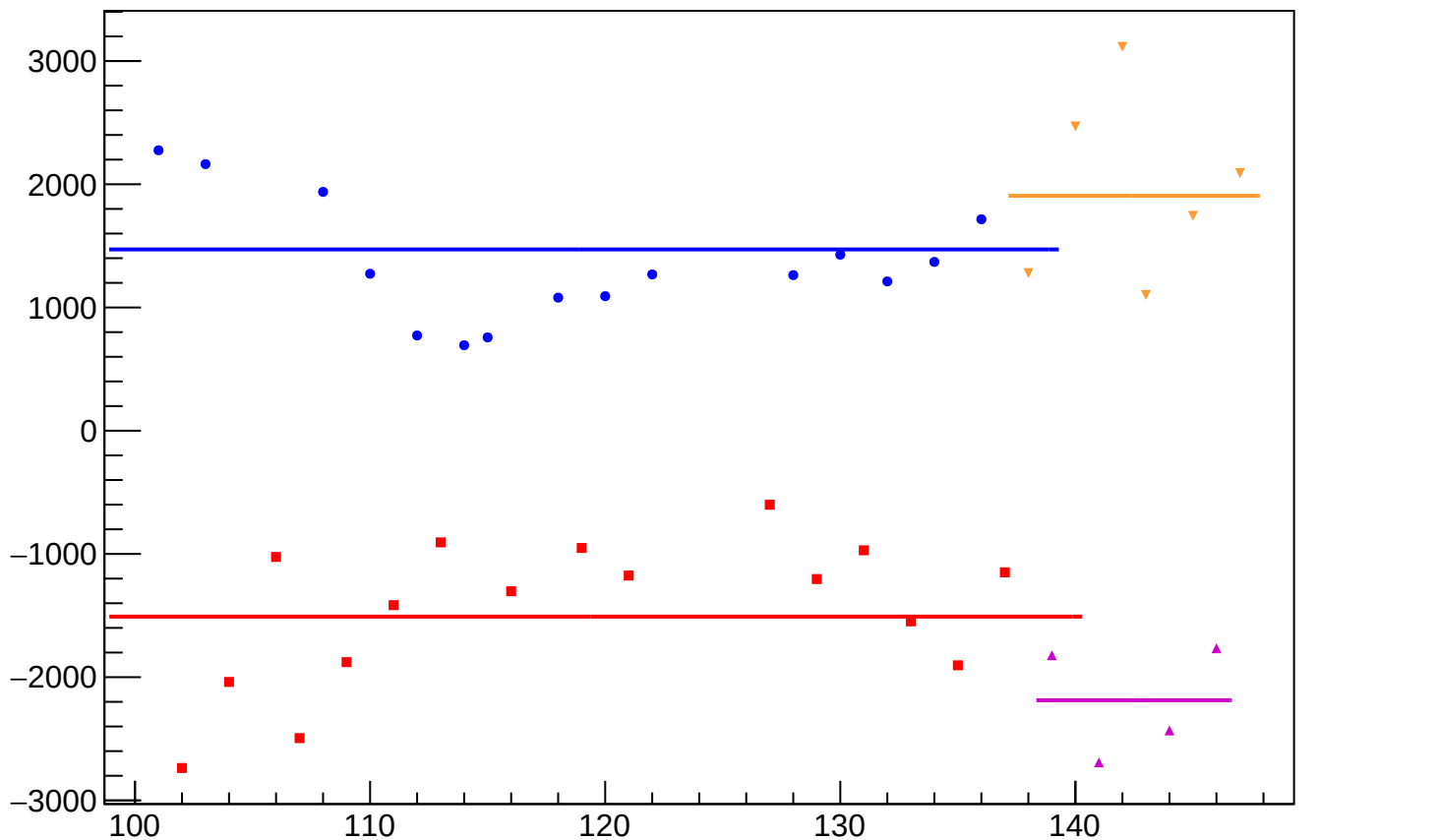
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_atl2_coil4_mean vs Slug, Sign Corrected



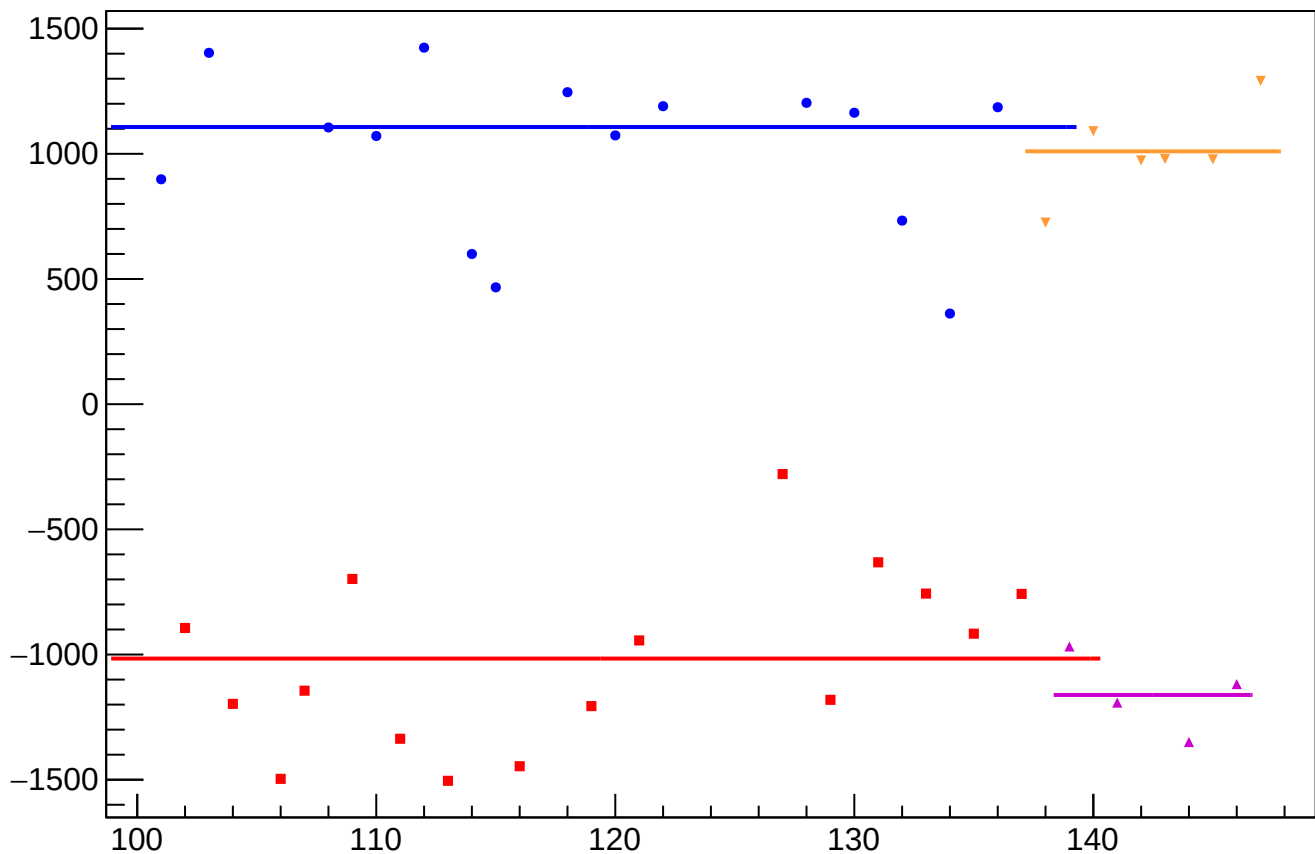
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 25558.273+/-0.000 χ^2/NDF : 57959962478477994978553999620377912803328.0/5
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -34634.219+/-0.000 χ^2/NDF : 7365300019099663394561006855872090996736.0/3
 All: -232.321+/-0.000 χ^2/NDF : 15620789996

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



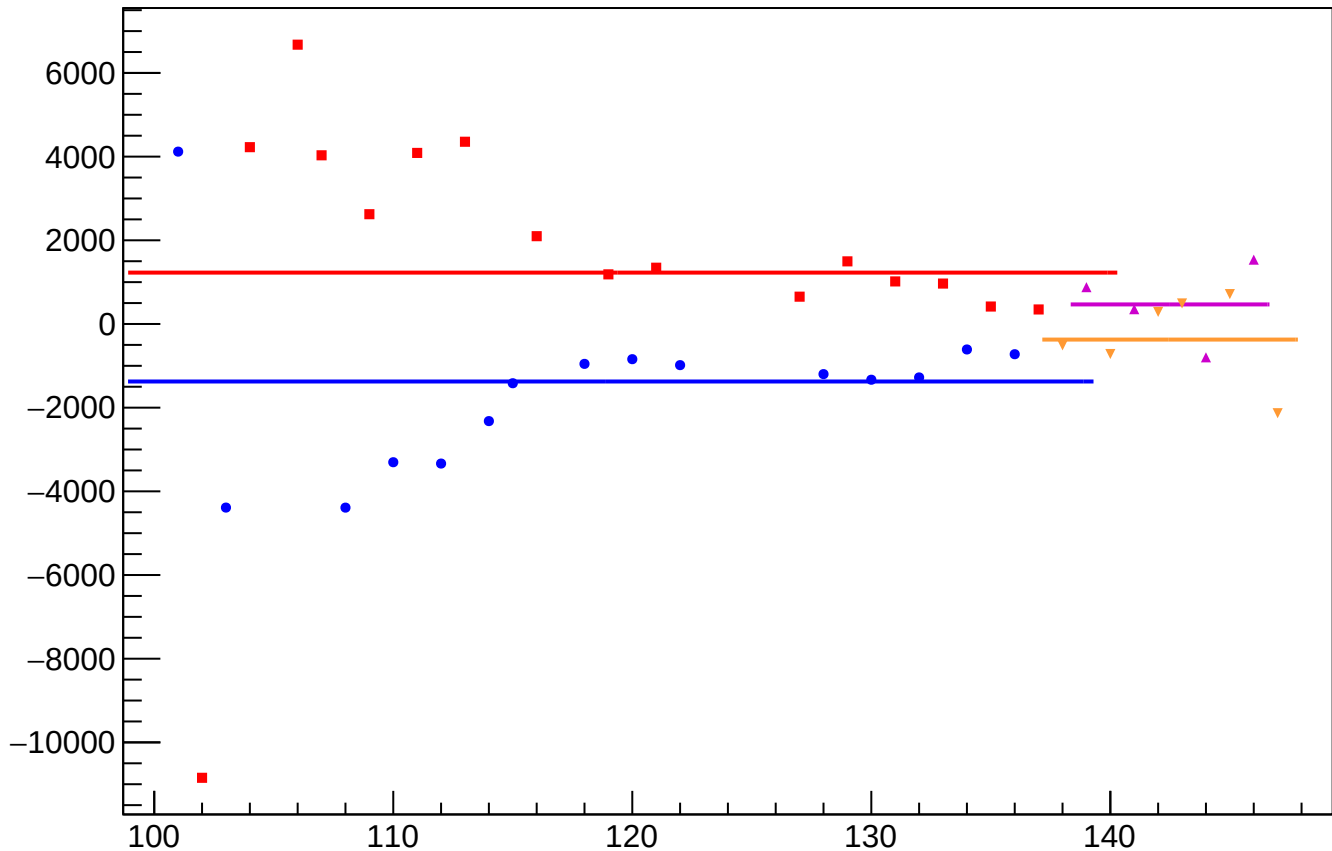
Left: 109.501 +/- 0.000 χ^2/NDF : 3402475023565940
 Right: -39.055 +/- 0.000 χ^2/NDF : 330947344548199
 In: 218.296 +/- 0.000 χ^2/NDF : 3166123669871795
 Out: -166.096 +/- 0.000 χ^2/NDF : 347971187688297
 All: 15.781 +/- 0.000 χ^2/NDF : 6722668839633

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



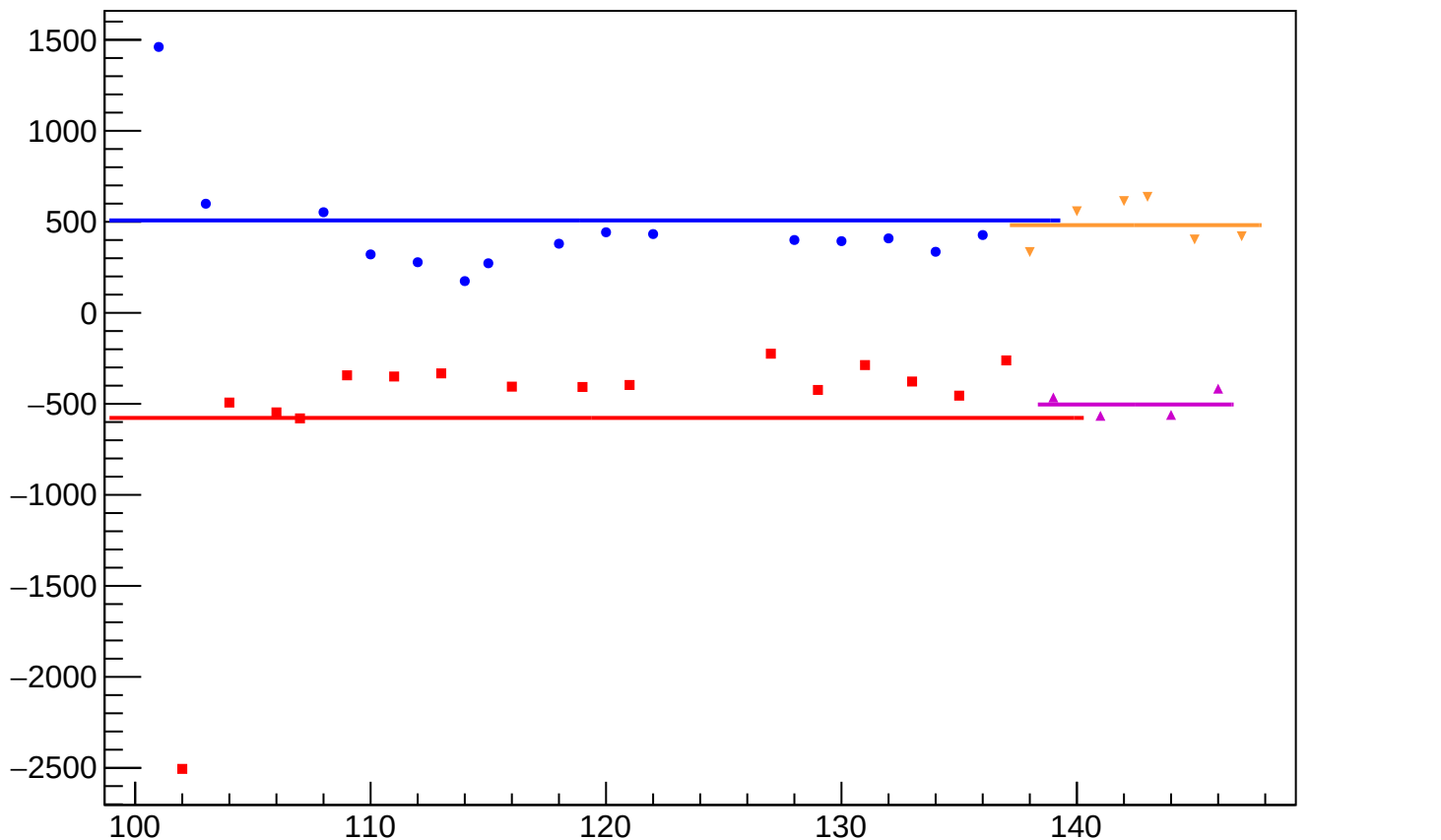
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 +/- 0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 +/- 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488 +/- 0.000 χ^2/NDF : 2510169074783

dit_atr1_coil4_mean vs Slug, Sign Corrected



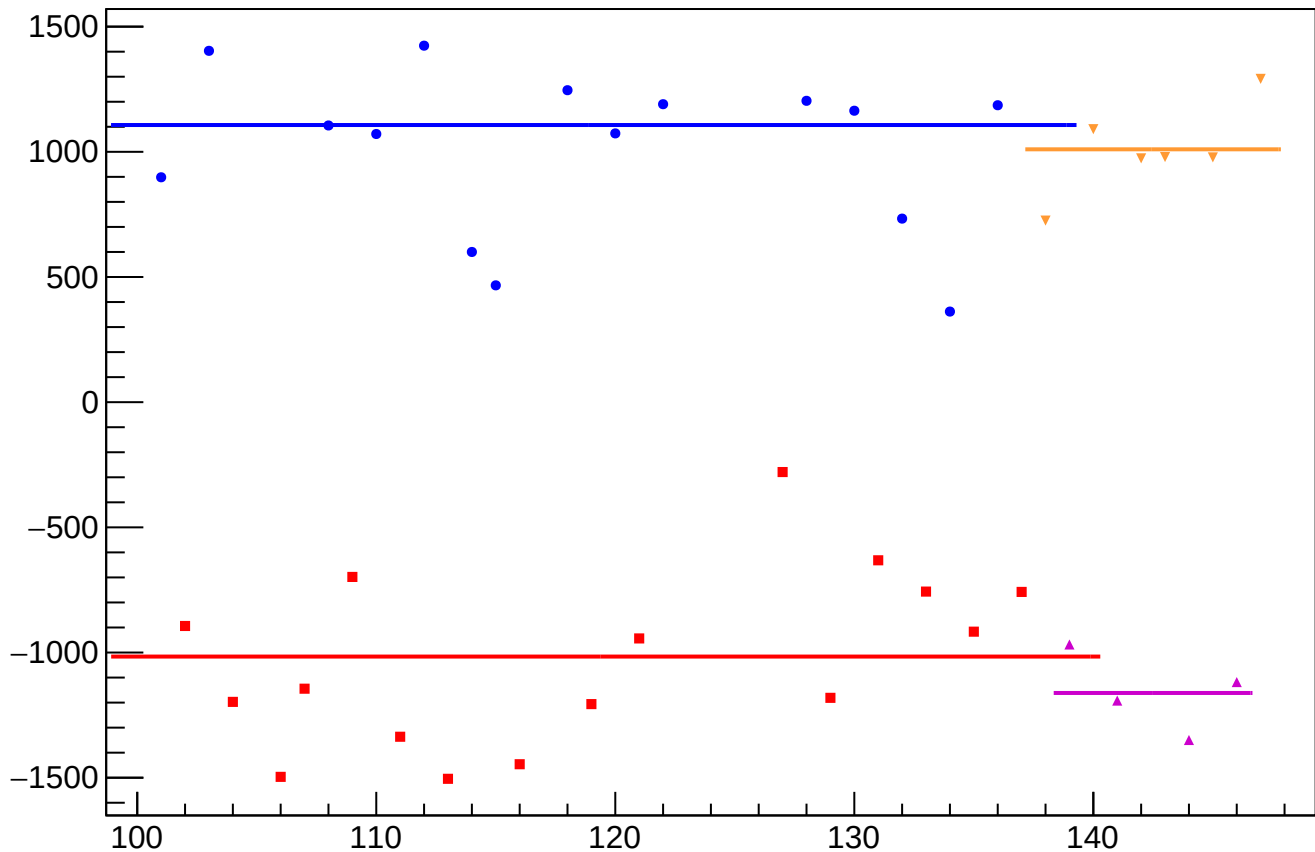
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Left Out: -372.767+/-0.000 χ^2/NDF : 418744273677597031205999407642861109248.0/5
 Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Left In: 467.518+/-0.000 χ^2/NDF : 252189431833471155373252182378236870656.0/3
 All: -36.470+/-0.000 χ^2/NDF : 172219226120

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



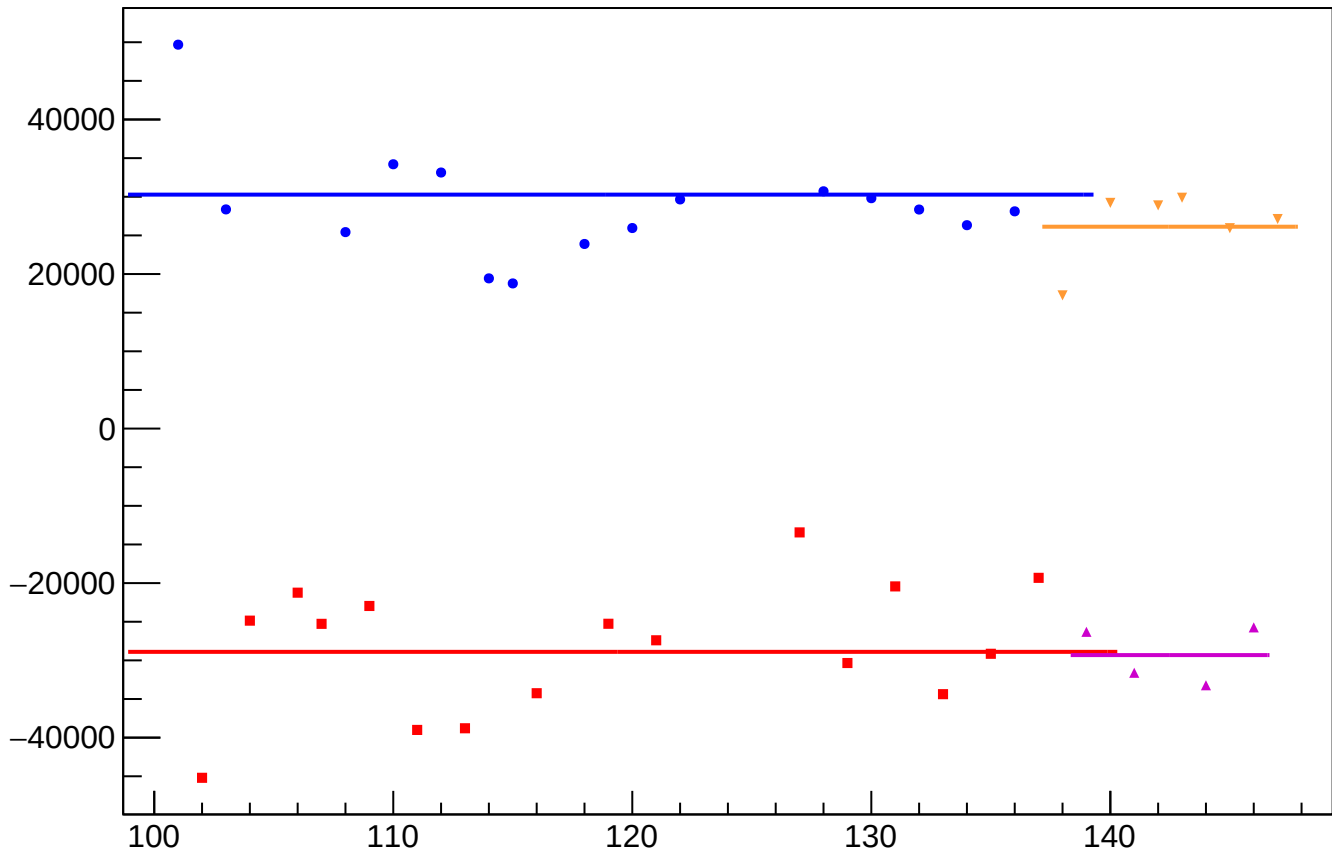
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14
 Left Out: 481.856+/-0.000 χ^2/NDF : 5391161463441575917677654992905830400.0/5
 Right Out: -577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15
 Left In: -503.447+/-0.000 χ^2/NDF : 1367206398030197814022623613008478208.0/3
 All: -8.371+/-0.000 χ^2/NDF : 8876280592180

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



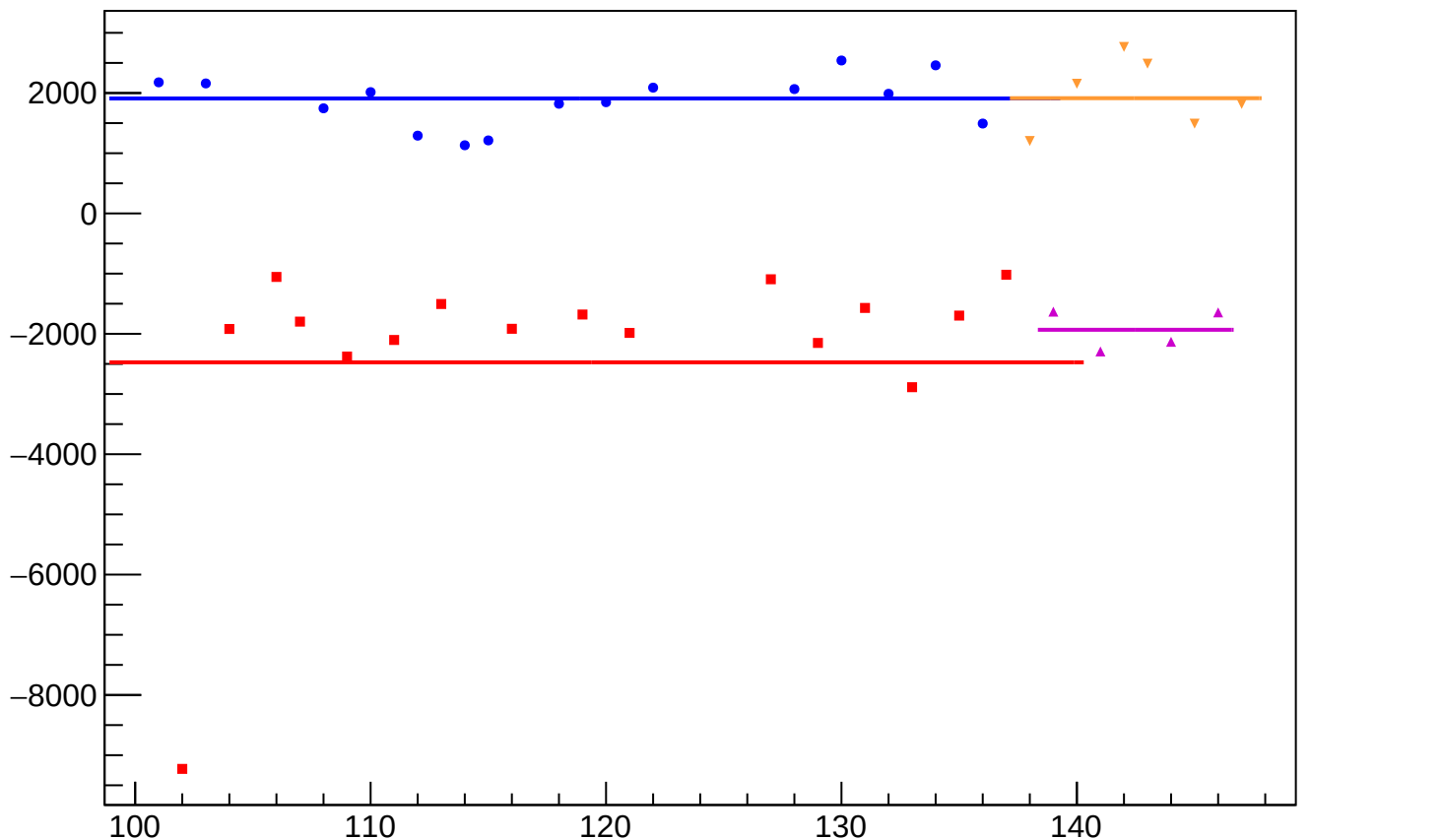
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_atr2_coil4_mean vs Slug, Sign Corrected



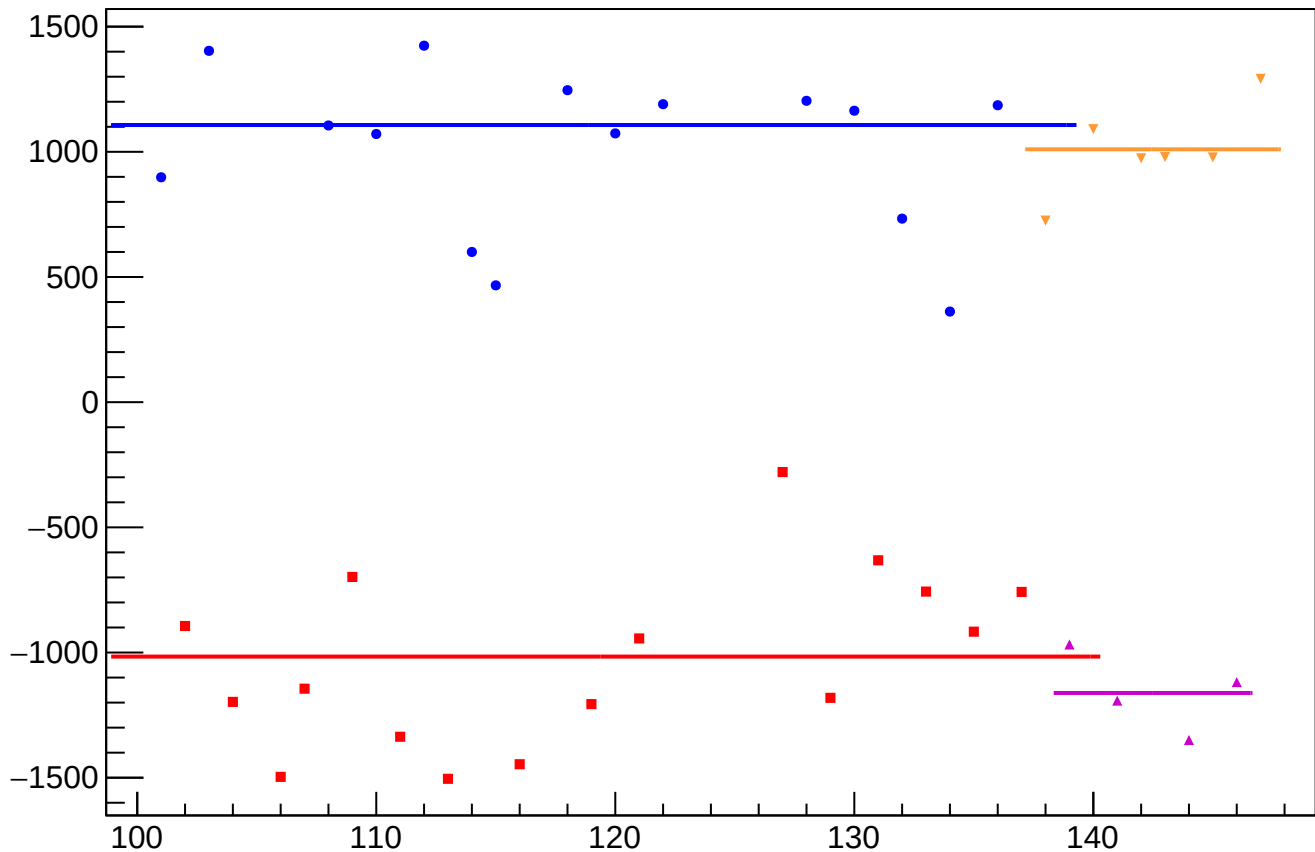
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26125.399+/-0.000 χ^2/NDF : 8309033449854175923067192826294565863424.0/5
 Right Out: -28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: -29316.421+/-0.000 χ^2/NDF : 3604378711799768128097000101599248384000.0/3
 All: 840.639+/-0.000 χ^2/NDF : 18256402953

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



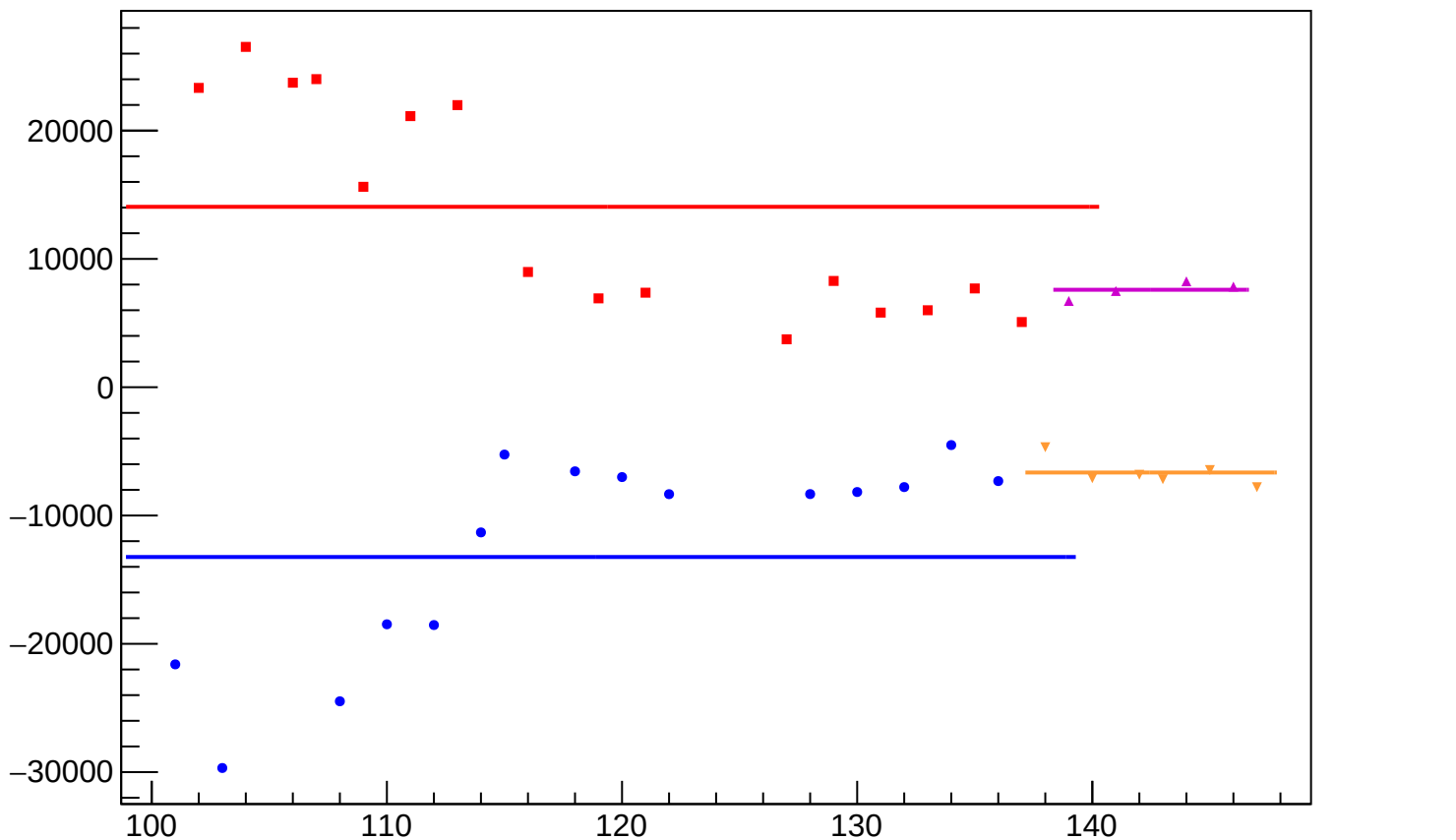
Left: 225.414 +/- 0.000 χ^2/NDF : 2949982950002309
 Right In: 1909.434 +/- 0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Right: -312.249 +/- 0.000 χ^2/NDF : 94418650101321
 Left Out: 1914.092 +/- 0.000 χ^2/NDF : 114748129378562866919479726521322569728.0/5
 In: 593.621 +/- 0.000 χ^2/NDF : 33976668641868339
 Right Out: -2473.977 +/- 0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Out: -749.095 +/- 0.000 χ^2/NDF : 819711415340323
 Left In: -1932.895 +/- 0.000 χ^2/NDF : 28825519095123048053395028192853491712.0/3
 All: -113.783 +/- 0.000 χ^2/NDF : 12532276036

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



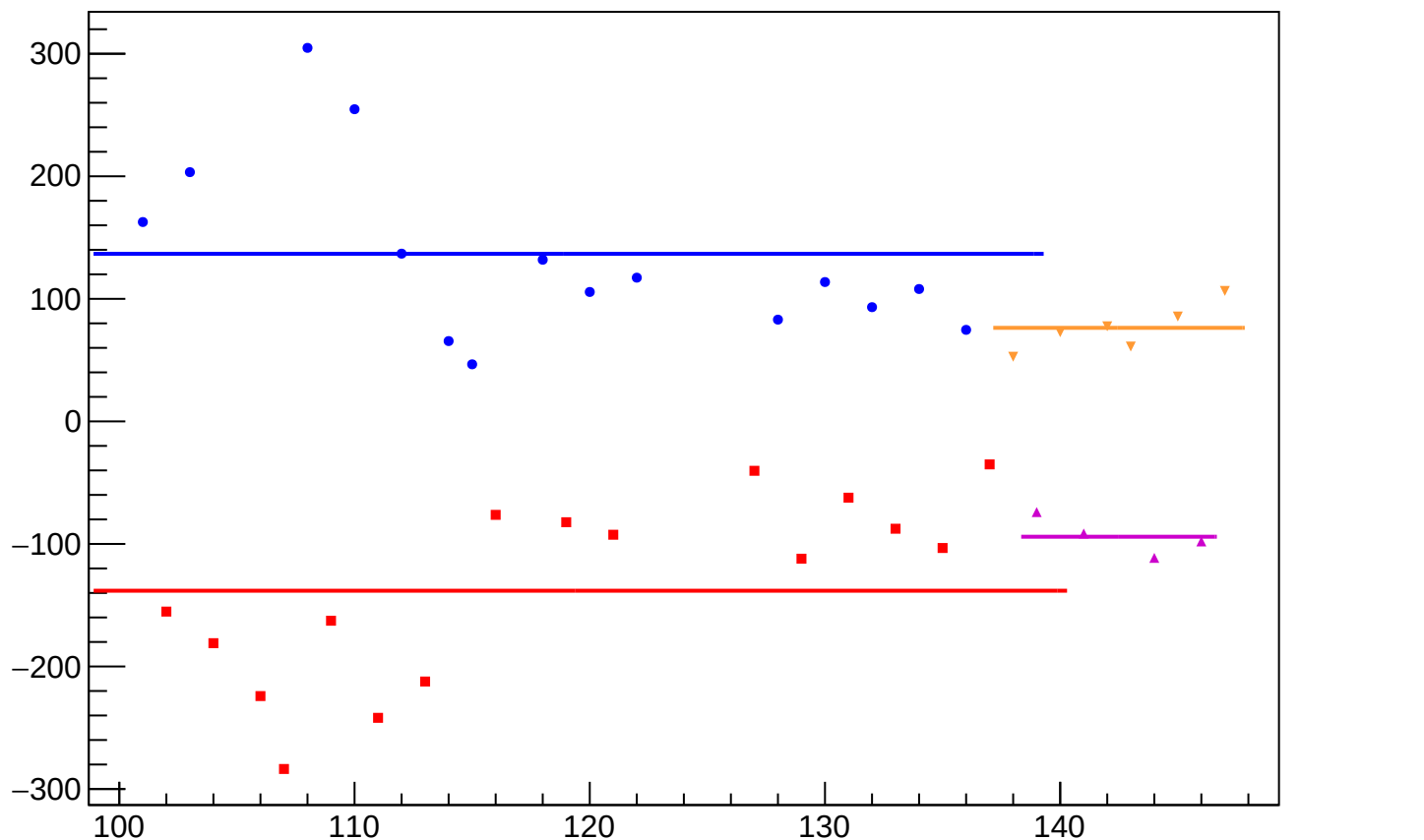
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_sam1_coil4_mean vs Slug, Sign Corrected



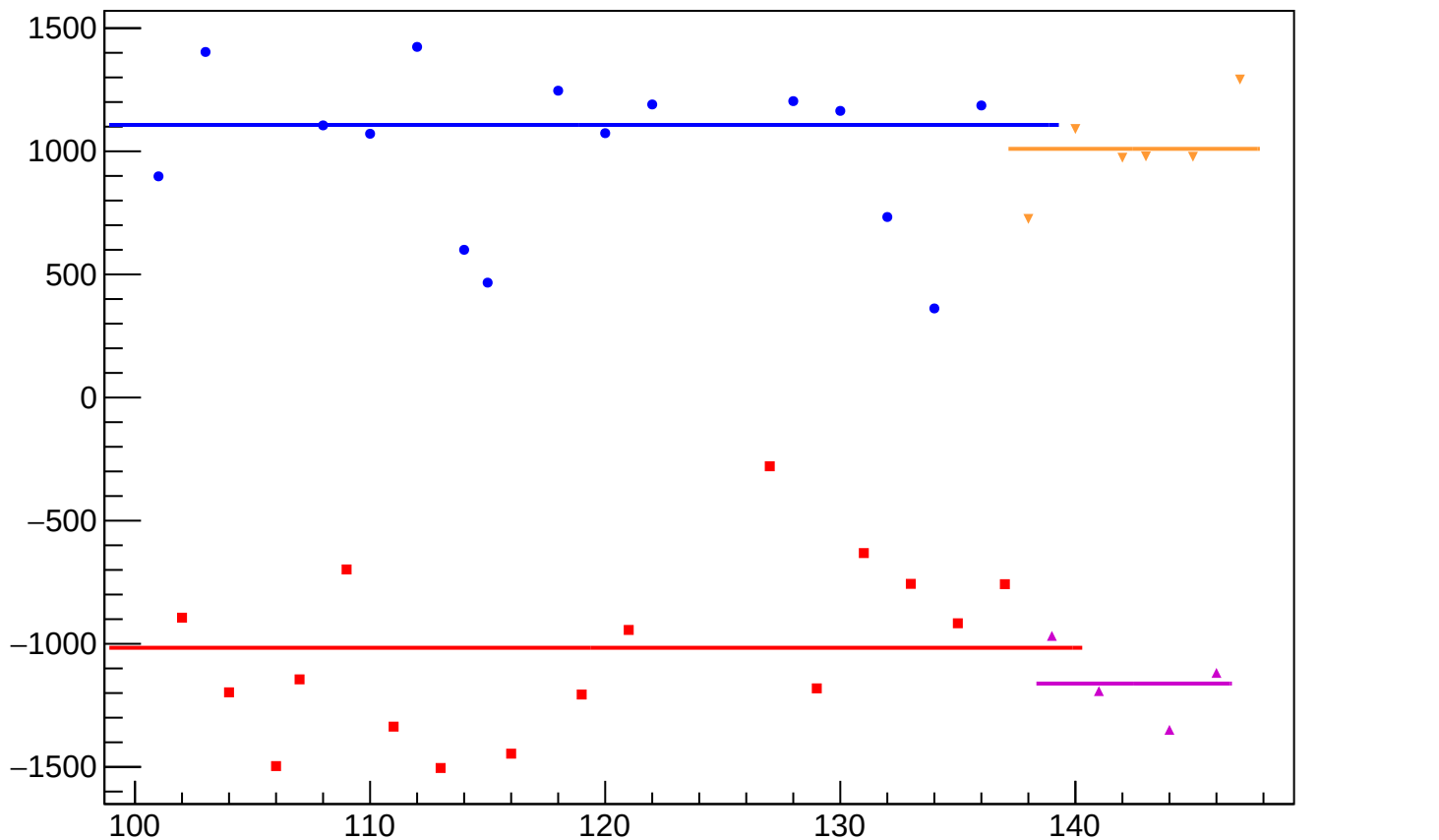
Left: -395.975 ± 0.000 $\chi^2/\text{NDF}: 390217928054129$
 Right In: -13233.367 ± 0.000 $\chi^2/\text{NDF}: 41257043836213043367596866559499640504320.0/14$
 Right: 600.026 ± 0.000 $\chi^2/\text{NDF}: 330784909470012$
 Left Out: -6648.316 ± 0.000 $\chi^2/\text{NDF}: 443803166906922972591258796041294577664.0/5$
 In: -6100.591 ± 0.000 $\chi^2/\text{NDF}: 137782104844655$
 Right Out: 14060.103 ± 0.000 $\chi^2/\text{NDF}: 44490594754280161766405556915711386845184.0/15$
 Out: 5919.942 ± 0.000 $\chi^2/\text{NDF}: 157370502594145$
 Left In: 7595.182 ± 0.000 $\chi^2/\text{NDF}: 106142981882333542472698843066758332416.0/3$
 All: 232.374 ± 0.000 $\chi^2/\text{NDF}: 370288596892$

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



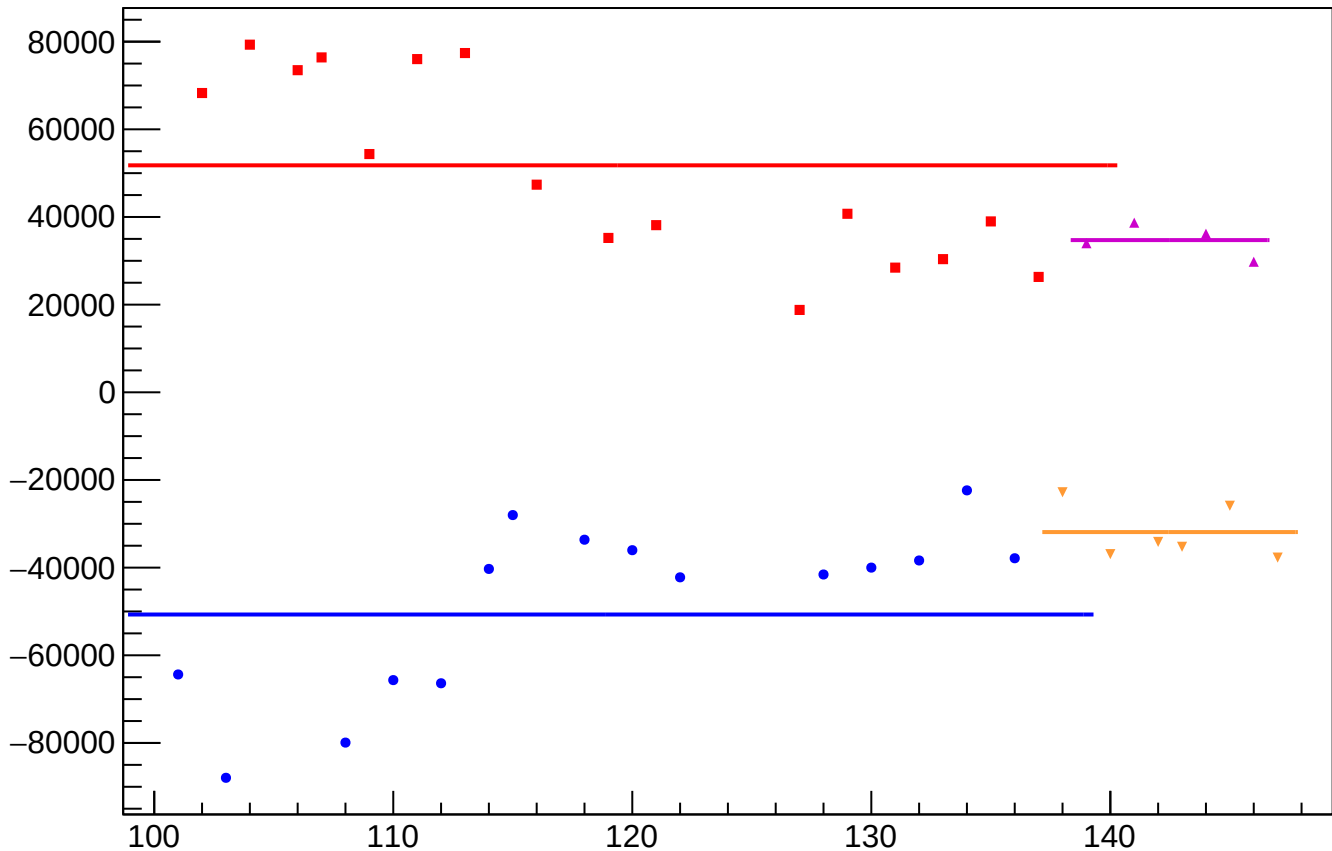
Left: 1.507 ± 0.000 $\chi^2/\text{NDF}: 57082742672411182$
 Right In: 136.711 ± 0.000 $\chi^2/\text{NDF}: 2687065030885227126291764267456659456.0/14$
 Right: -2.614 ± 0.000 $\chi^2/\text{NDF}: 3077400704218916$
 Left Out: 76.328 ± 0.000 $\chi^2/\text{NDF}: 137804399681429297975000606829445120.0/5$
 In: 57.662 ± 0.000 $\chi^2/\text{NDF}: 145905011333656335$
 Right Out: -138.179 ± 0.000 $\chi^2/\text{NDF}: 3230883352878636334641613561898467328.0/15$
 Out: -53.860 ± 0.000 $\chi^2/\text{NDF}: 1543283427807906$
 Left In: -94.122 ± 0.000 $\chi^2/\text{NDF}: 61070375927798447262796891578957824.0/3$
 All: -1.093 ± 0.000 $\chi^2/\text{NDF}: 3649053288415$

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -31886.884+/-0.000

Right Out: 51783.912+/-0.000

Left In: 34726.726+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

χ^2/NDF : 15068684288996191516496895291452769173504.0/5

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 3596434987501972448352791419030048079872.0/3

Left: -2646.104+/-0.000 χ^2/NDF : 86012936838994

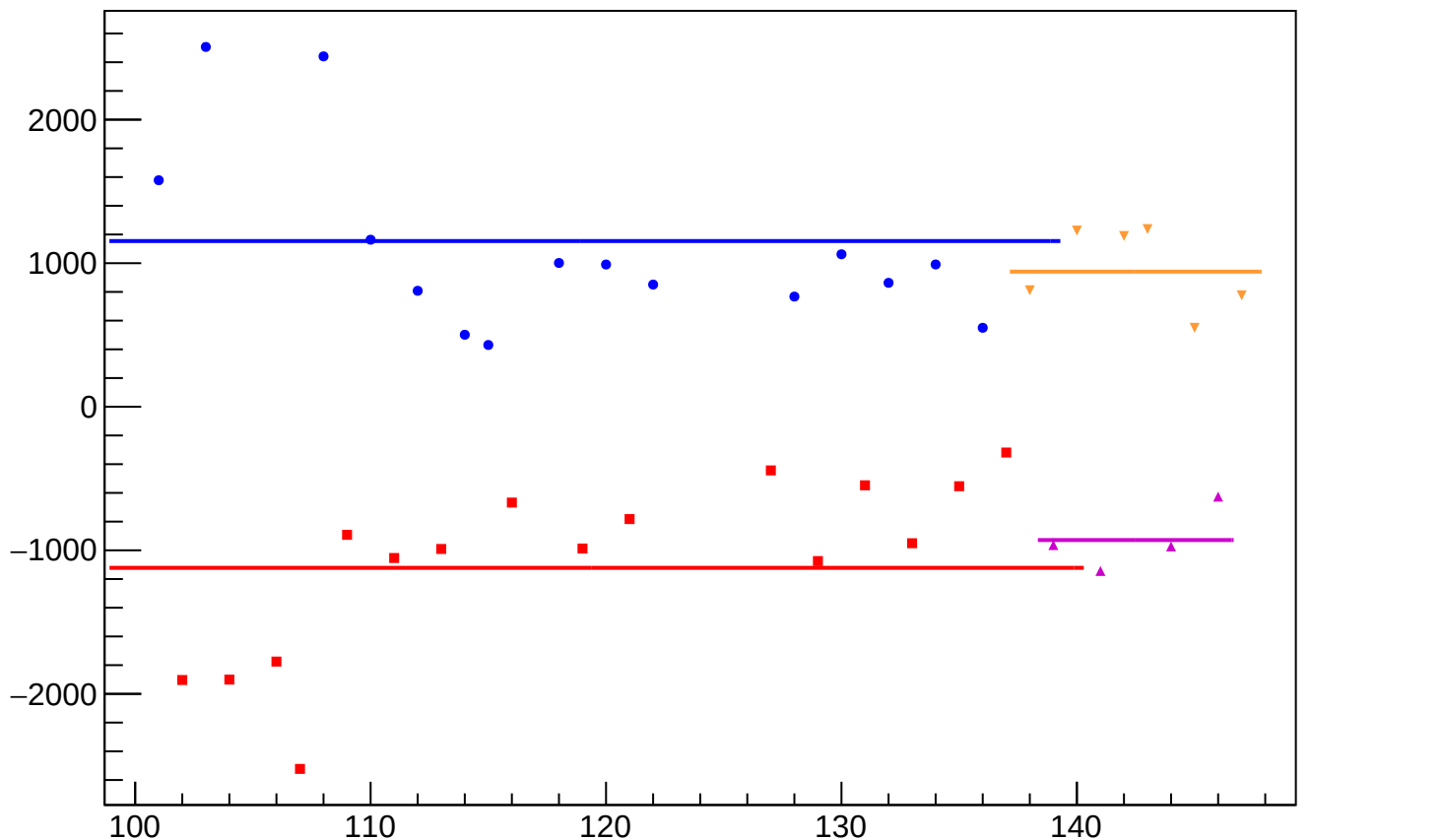
Right: 1245.090+/-0.000 χ^2/NDF : 39629195371379

In: -21442.449+/-0.000 χ^2/NDF : 18519650311950

Out: 18894.209+/-0.000 χ^2/NDF : 21323807122570

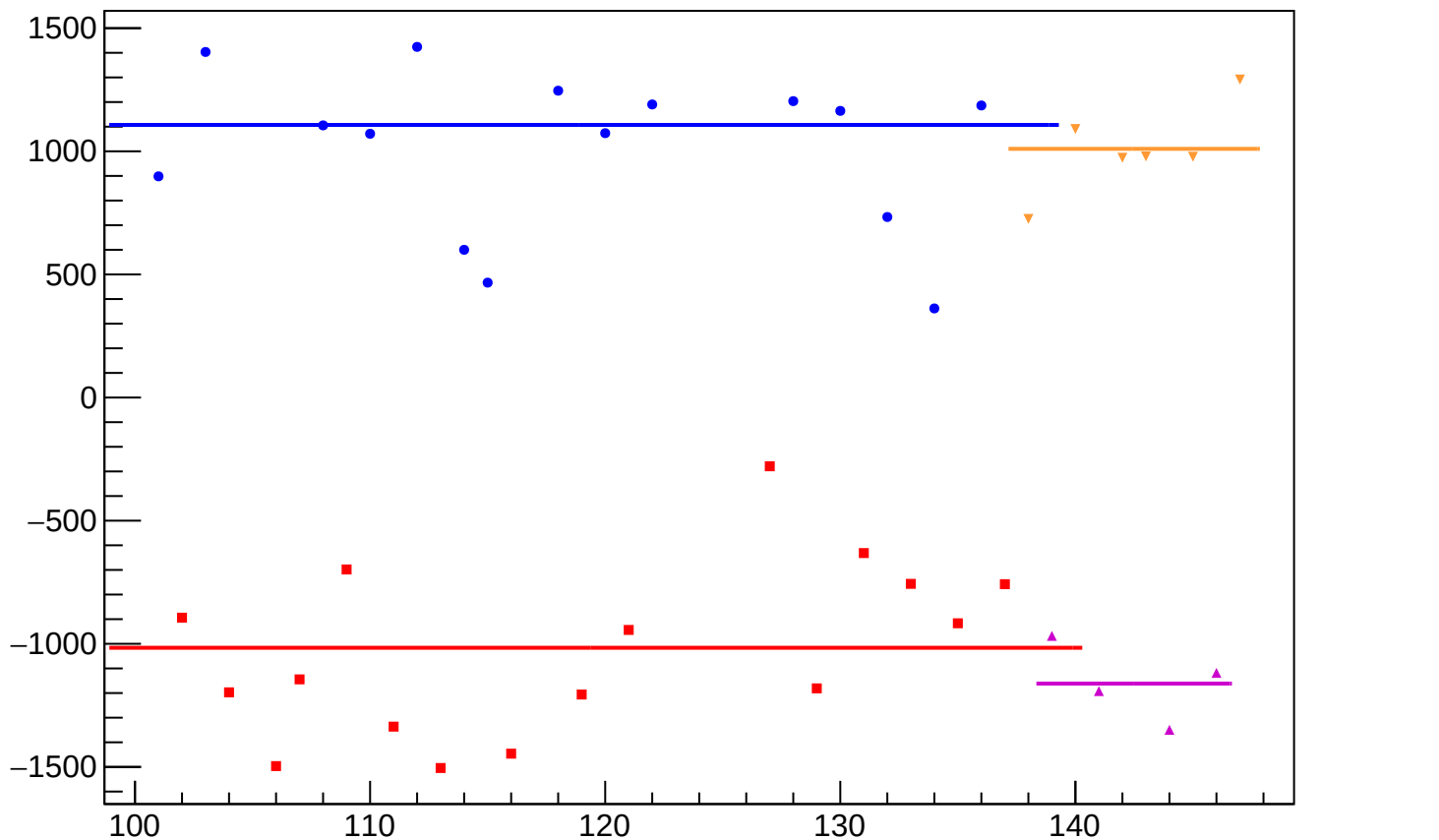
All: -191.257+/-0.000 χ^2/NDF : 48304041693

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



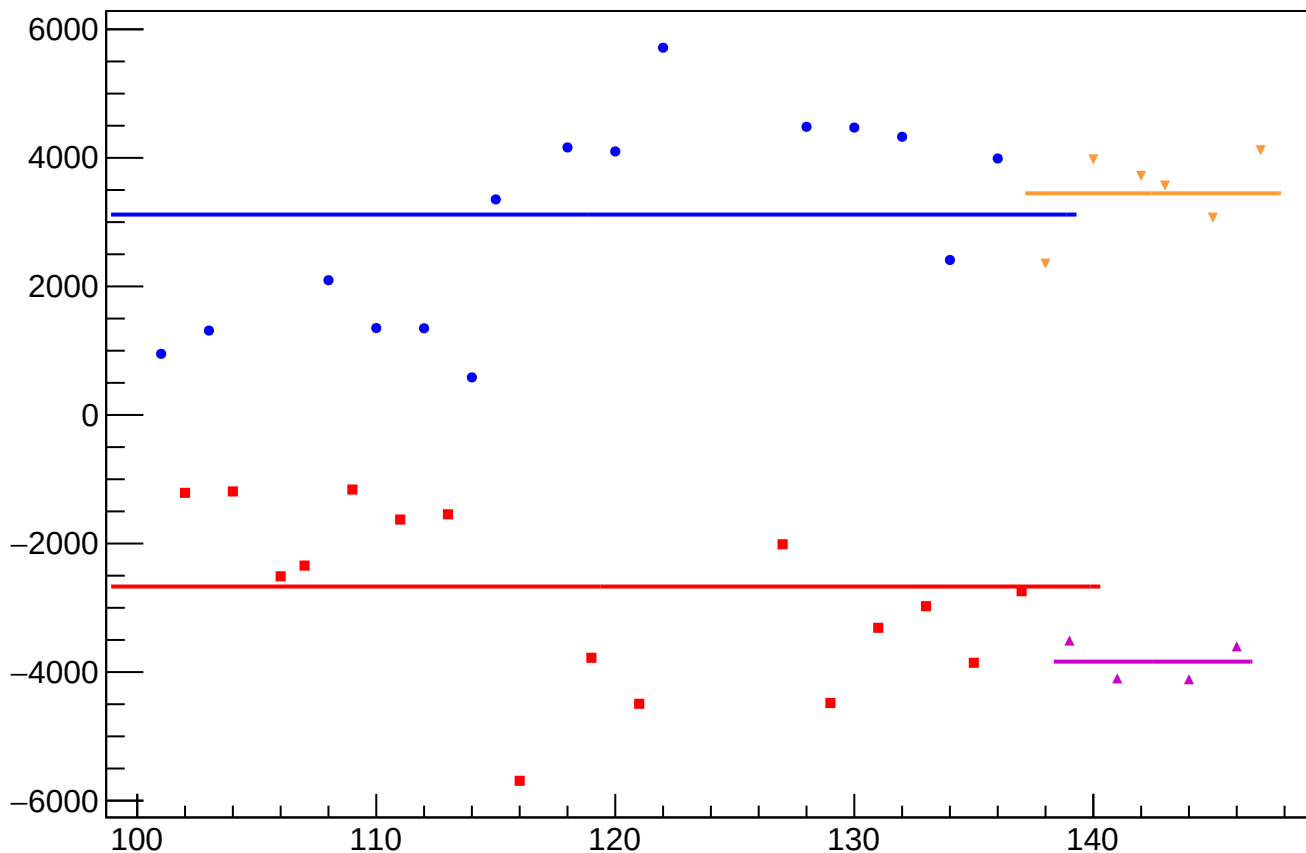
Right In: 1154.331+/-0.000 χ^2/NDF : 24927047256347070322737910394663731200.0/14
 Left Out: 941.152+/-0.000 χ^2/NDF : 31267965375086310312246901946951139328.0/5
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: -928.477+/-0.000 χ^2/NDF : 11807331253980159119620224216593334272.0/3
 All: 44.863+/-0.000 χ^2/NDF : 2892693950303

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



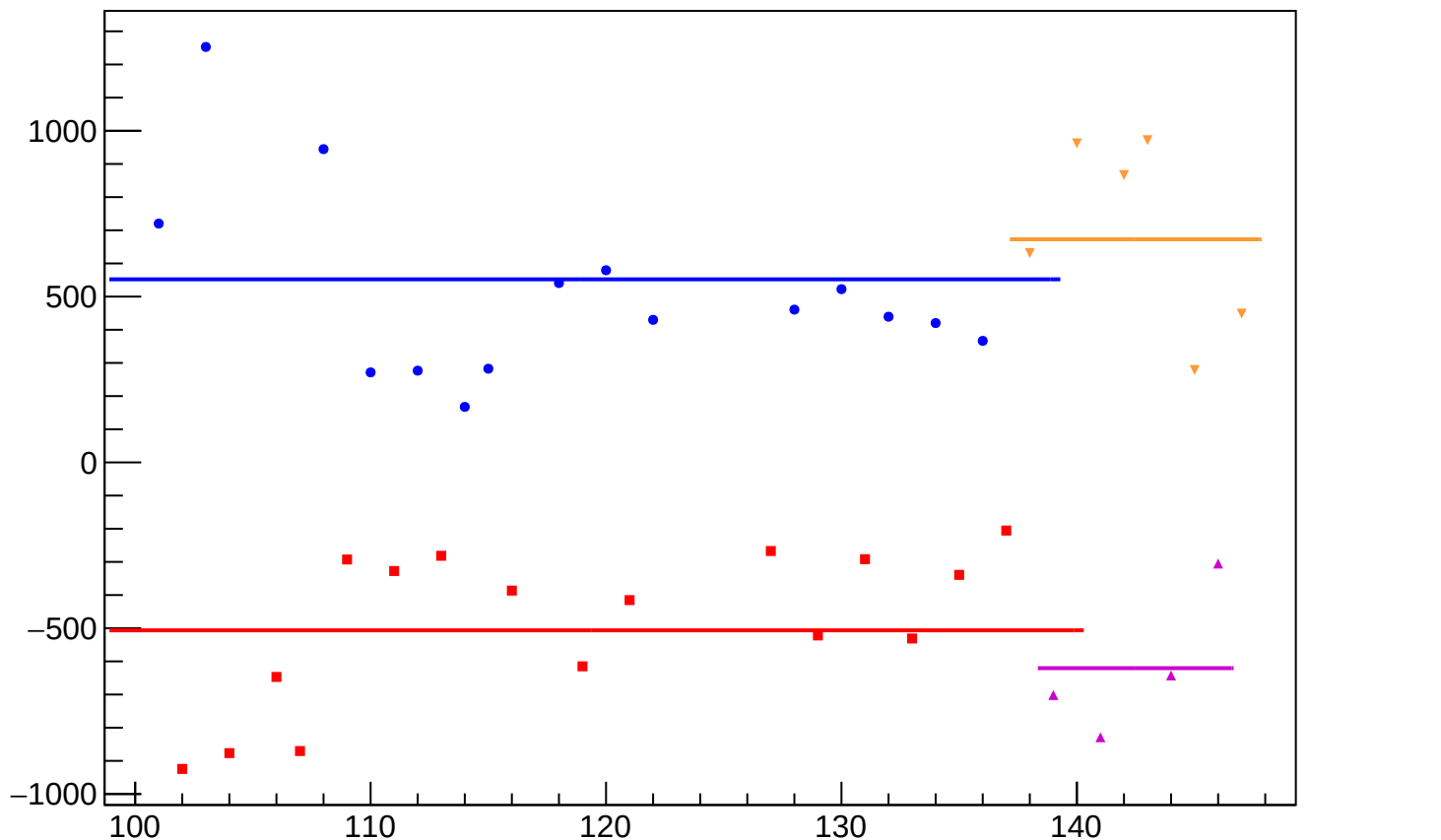
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_sam3_coil4_mean vs Slug, Sign Corrected



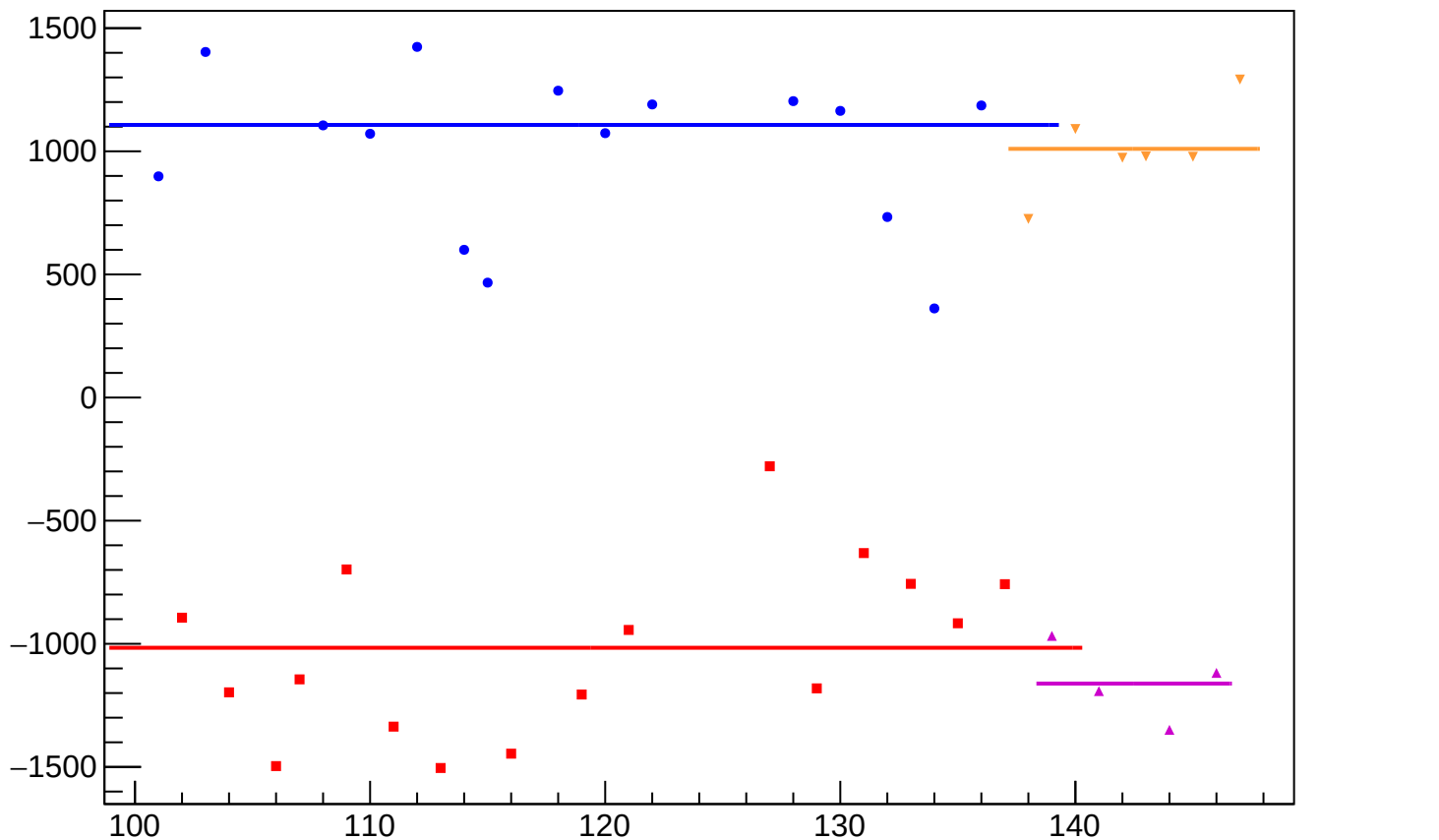
Right In: 3117.914 $\pm$ 0.000 χ^2 /NDF: 1552738593335565674554918493159210090496.0/14
 Left: 250.222 $\pm$ 0.000 χ^2 /NDF: 1025936798930960
 Right: 184.985 $\pm$ 0.000 χ^2 /NDF: 137039743554262
 Left Out: 3448.432 $\pm$ 0.000 χ^2 /NDF: 167150734172516053999975194395548844032.0/5
 In: 736.043 $\pm$ 0.000 χ^2 /NDF: 12330422107852374
 Right Out: -2668.794 $\pm$ 0.000 χ^2 /NDF: 1136406286131098596000054422131257114624.0/15
 Out: -264.207 $\pm$ 0.000 χ^2 /NDF: 111147315049611
 Left In: -3837.431 $\pm$ 0.000 χ^2 /NDF: 25873351856321392714495506442163847168.0/3
 All: 209.066 $\pm$ 0.000 χ^2 /NDF: 239654097264

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



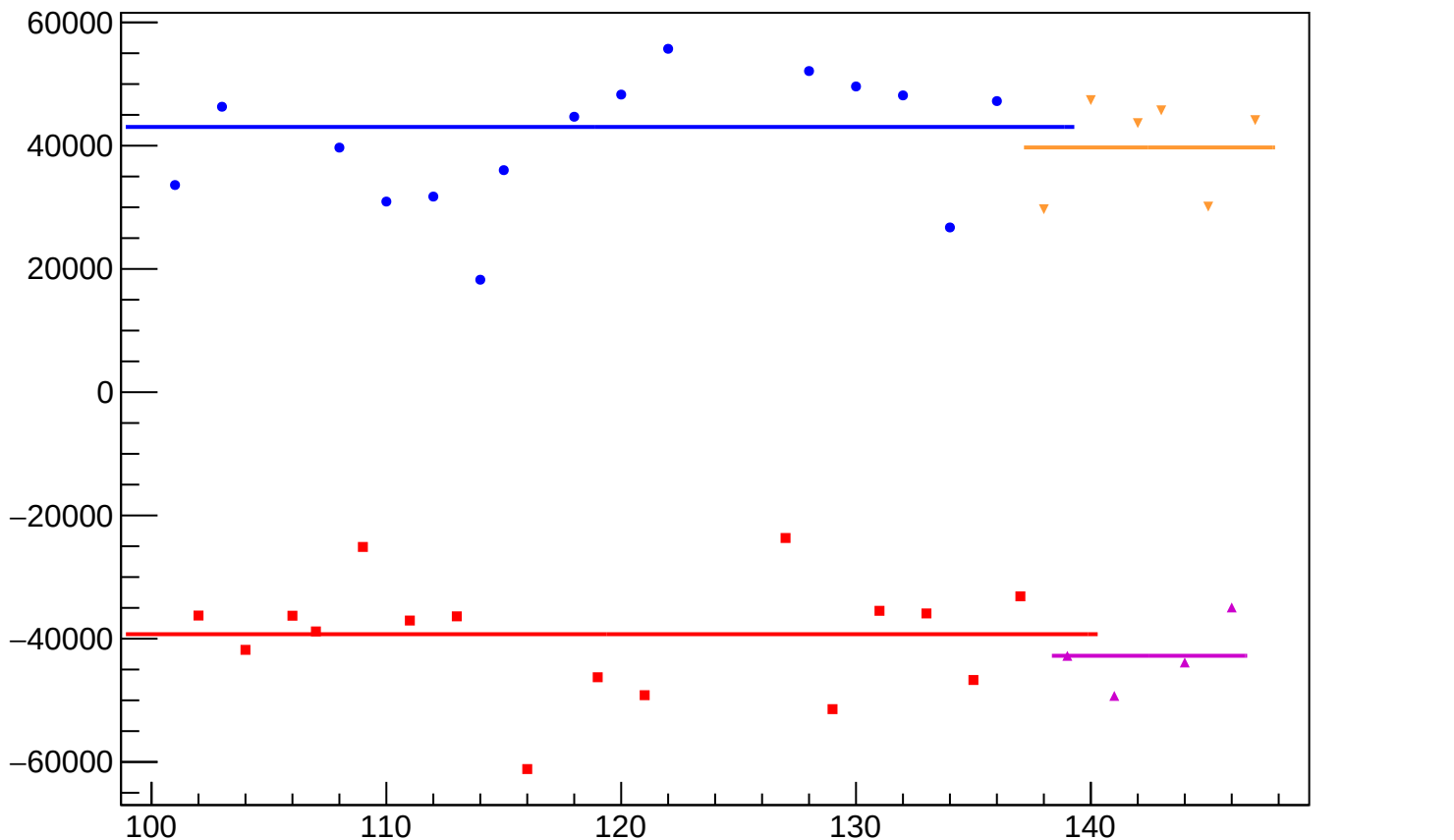
Left: 105.072 +/- 0.000 χ^2/NDF : 3609088272832835
 Right: 15.643 +/- 0.000 χ^2/NDF : 4564382403190982
 In: 150.542 +/- 0.000 χ^2/NDF : 36886478266906516
 Out: -42.851 +/- 0.000 χ^2/NDF : 4329189407496769
 All: 48.654 +/- 0.000 χ^2/NDF : 8212320545110

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



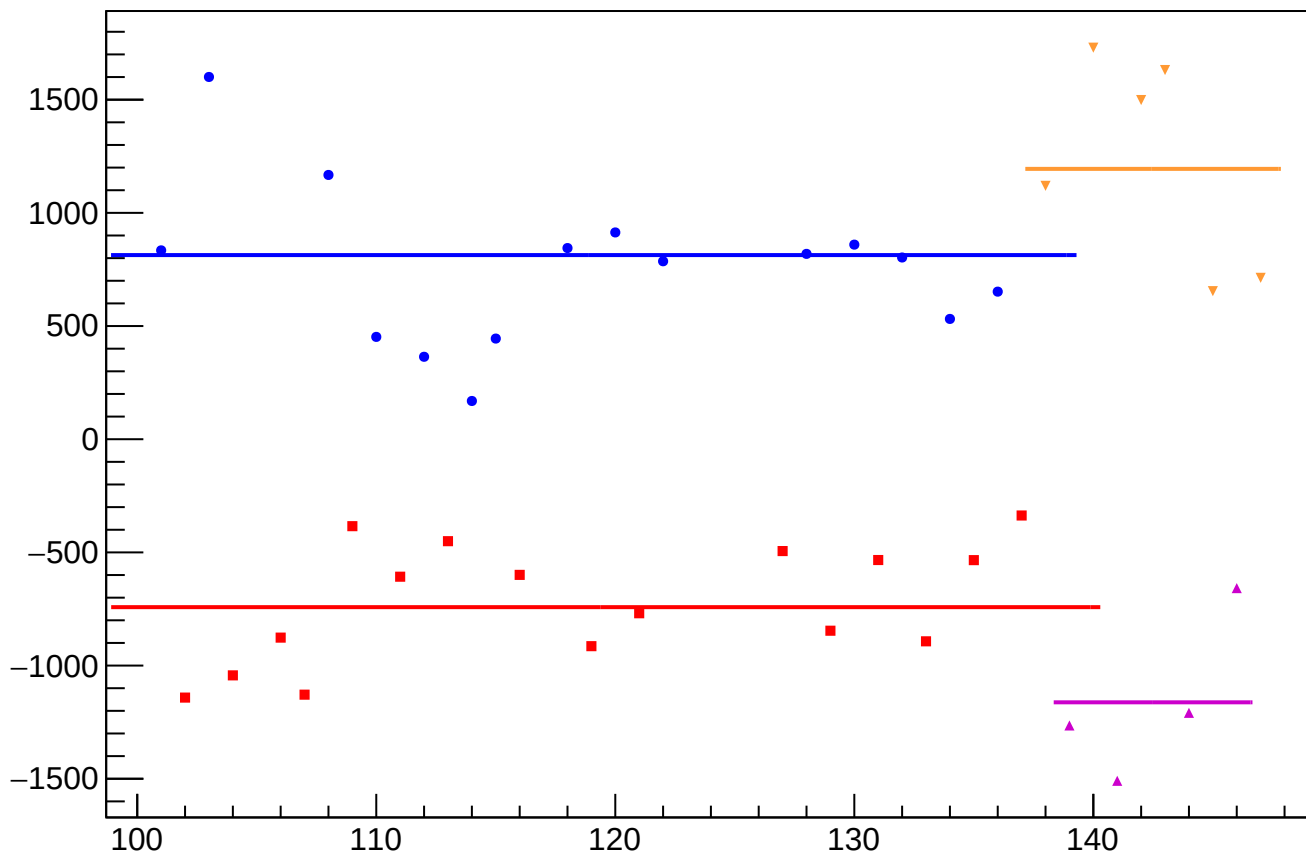
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 $\pm$ 0.000 χ^2 /NDF: 641508227518753229804308665552863232.0/3
 All: 40.488 $\pm$ 0.000 χ^2 /NDF: 2510169074783

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 39713.591+/-0.000 χ^2/NDF : 24816278147540908994495753239844203003904.0/5
 Right Out: -39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: -42770.121+/-0.000 χ^2/NDF : 881130681710165518927562434092115951616.0/3
 All: 2128.496+/-0.000 χ^2/NDF : 36548955725

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

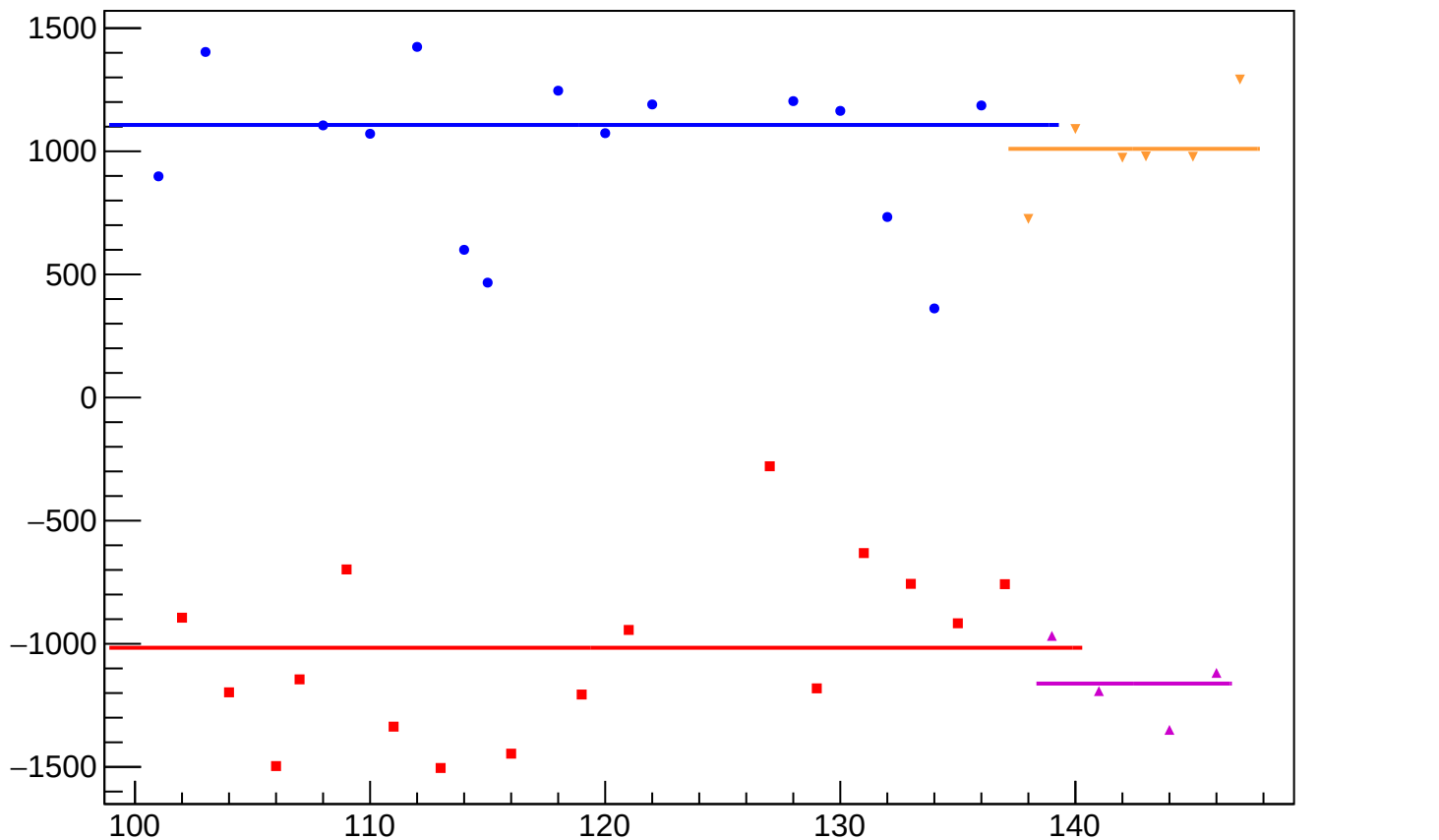
Left Out: 1194.345+/-0.000 χ^2/NDF : 82690981101209825156978331257239764992.0/5

Right Out: -741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

Left In: -1162.349+/-0.000 χ^2/NDF : 32384876060375723539784401467700412416.0/3

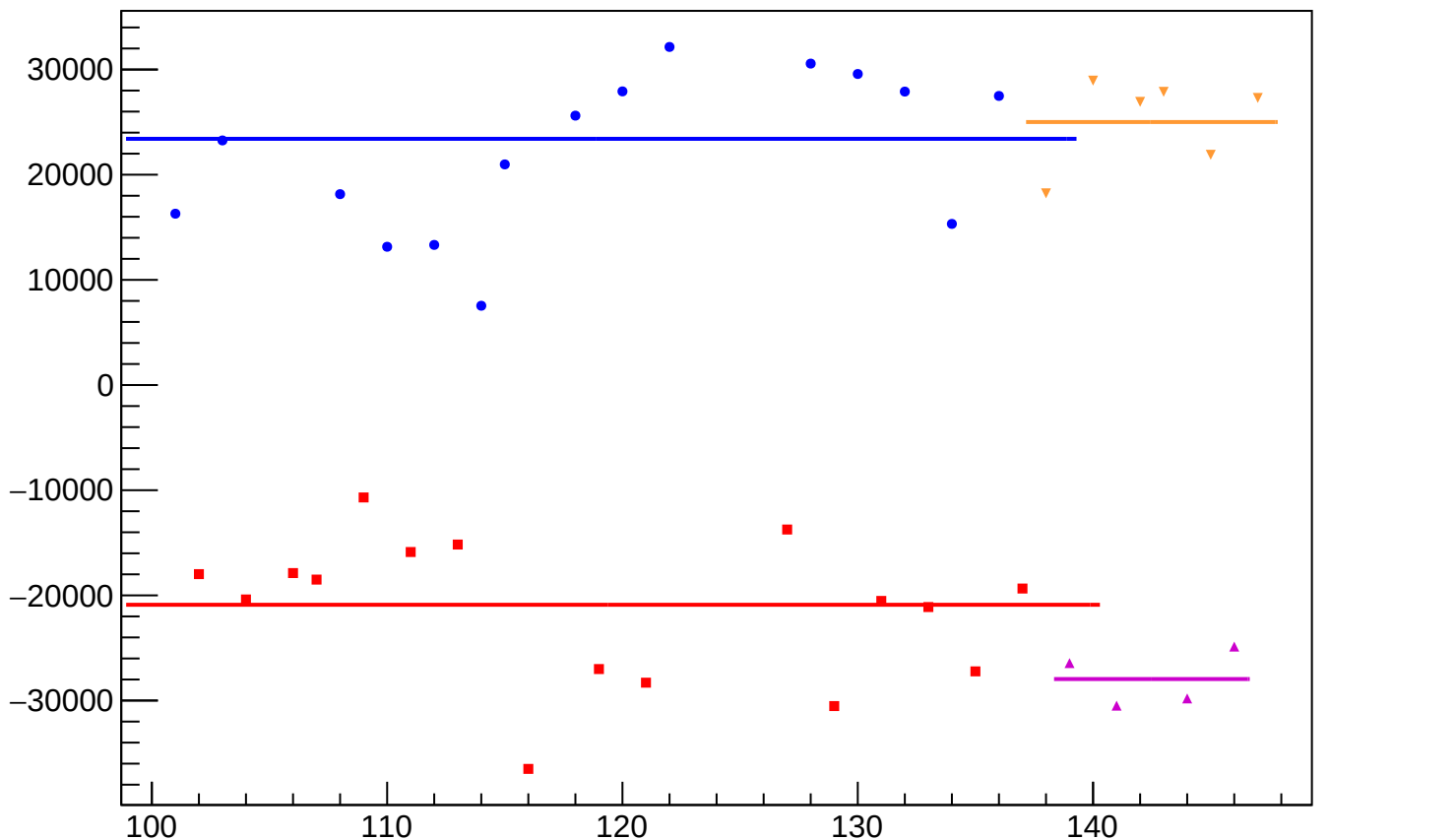
All: 74.875+/-0.000 χ^2/NDF : 2084099315578

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



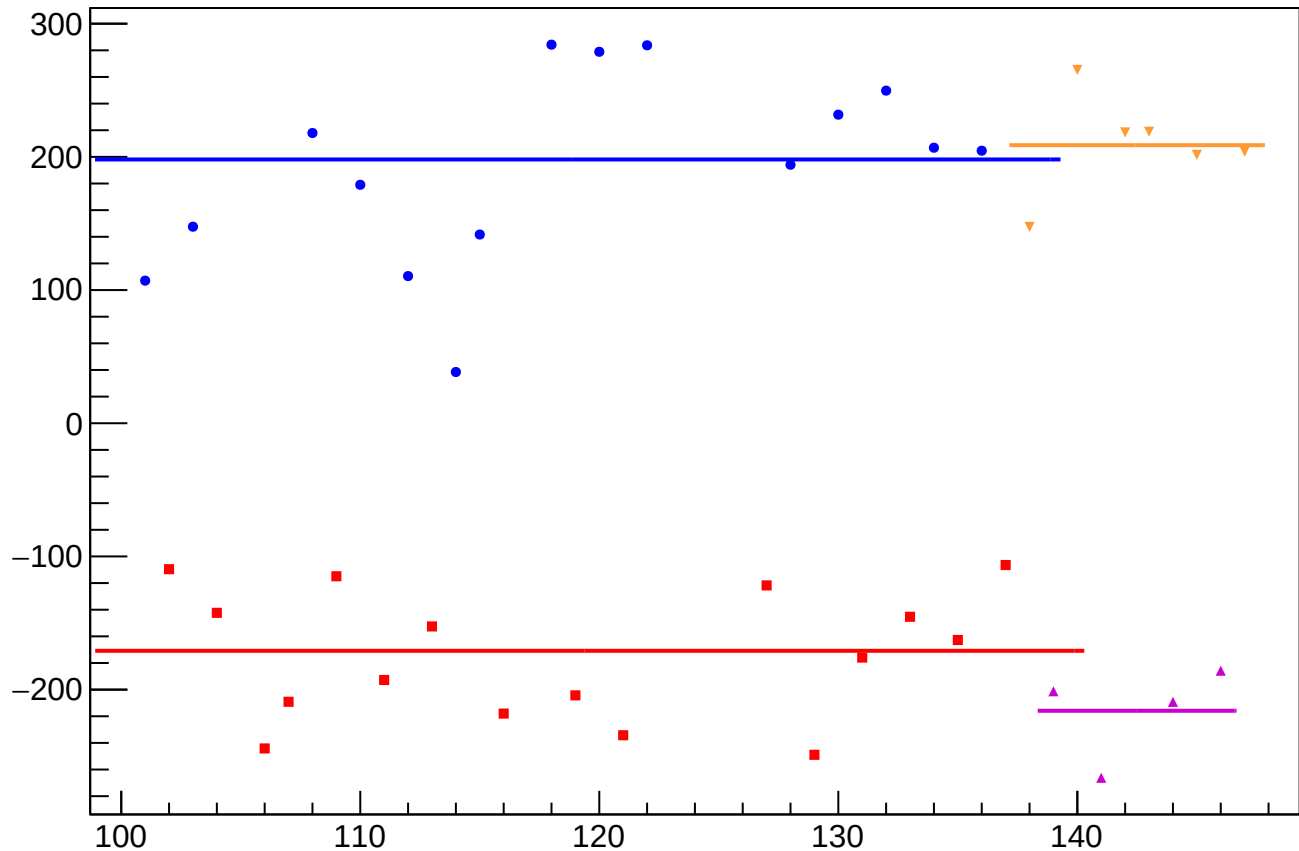
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506 +/- 0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 25009.510 +/- 0.000 χ^2/NDF : 6773068422964743905654849654641022468096.0/5
 Right Out: -20894.122 +/- 0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -27955.077 +/- 0.000 χ^2/NDF : 1824157610508329779447966107484668559360.0/3
 All: 1252.627 +/- 0.000 χ^2/NDF : 12424128368

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056+/-0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 208.775+/-0.000

χ^2/NDF : 572714502488381078083210689202094080.0/5

Right Out: -170.851+/-0.000

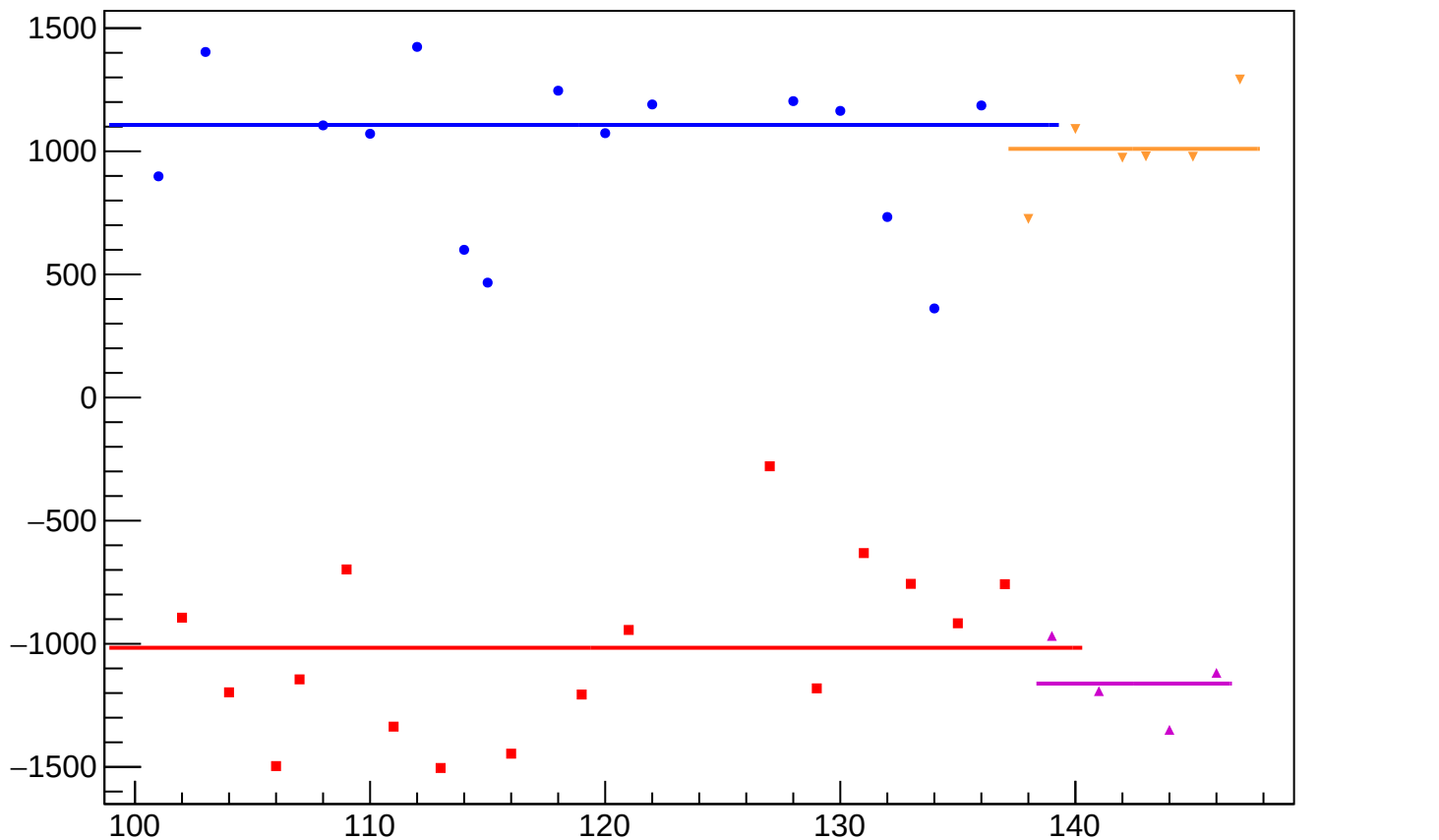
χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -215.869+/-0.000

χ^2/NDF : 311774208668339357728529264846831616.0/3

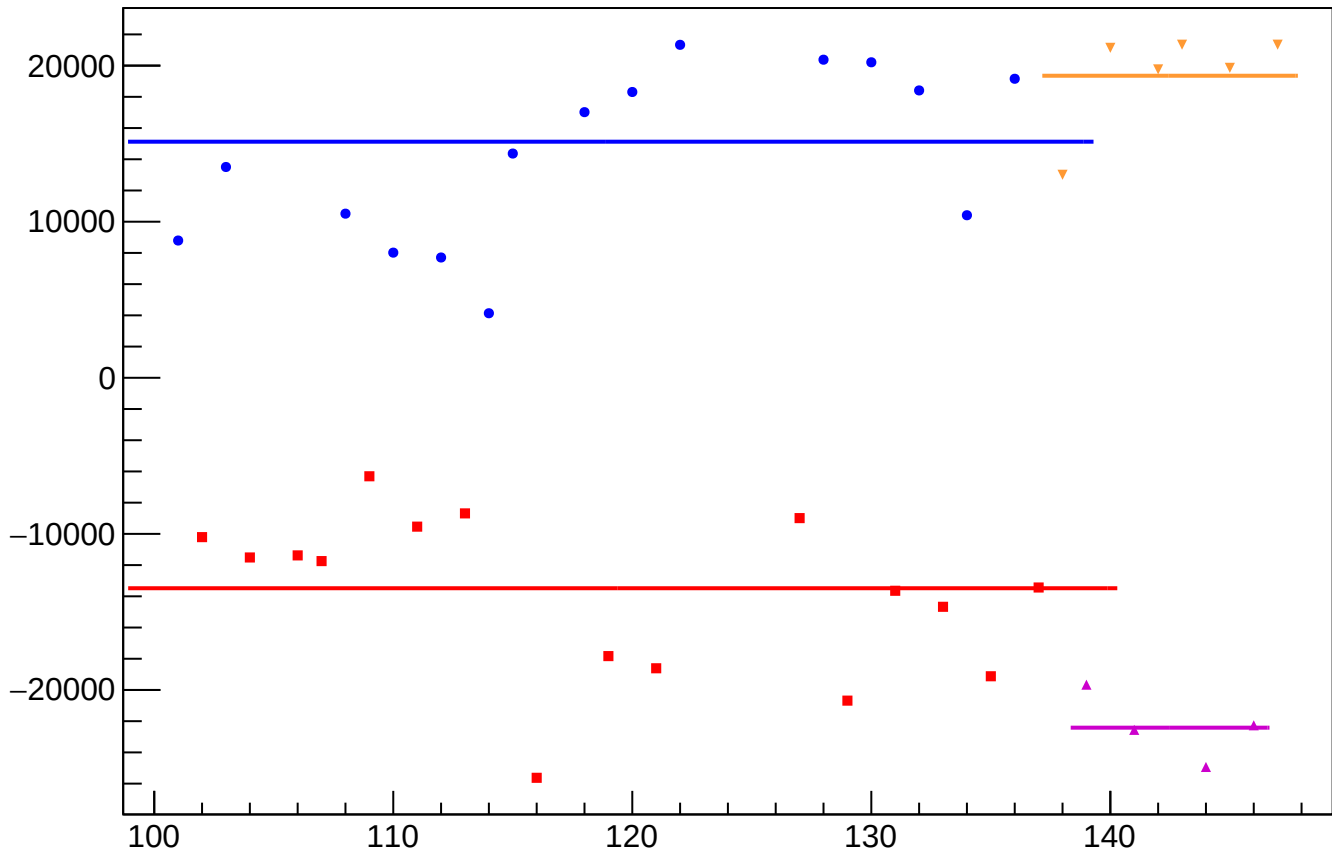
Left: 22.373+/-0.000 χ^2/NDF : 35079345058715519
 Right: 11.079+/-0.000 χ^2/NDF : 4866728486717223
 In: 56.306+/-0.000 χ^2/NDF : 408738942416432862
 Out: -21.626+/-0.000 χ^2/NDF : 3977652037114810
 All: 15.248+/-0.000 χ^2/NDF : 8380858706420

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



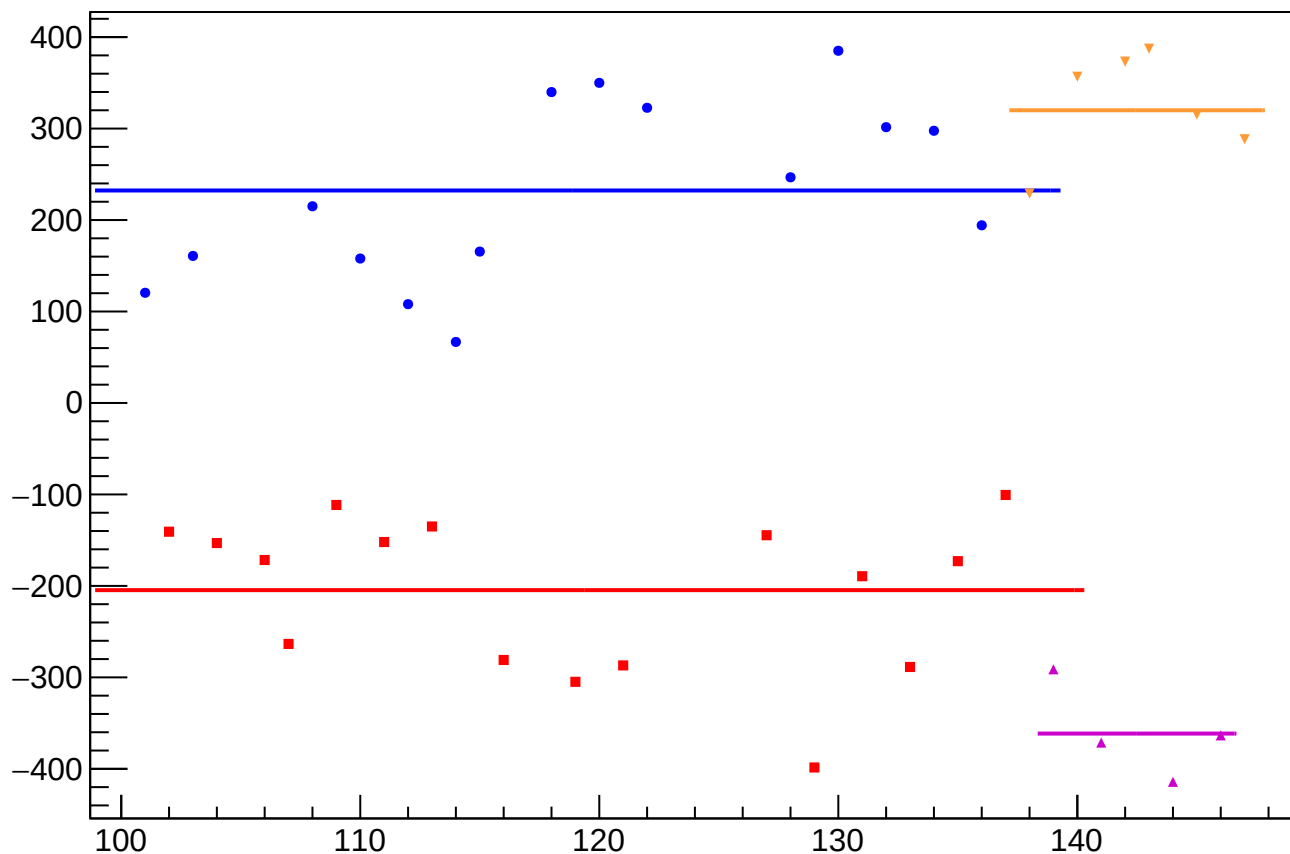
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 $\pm$ 0.000 χ^2 /NDF: 641508227518753229804308665552863232.0/3
 All: 40.488 $\pm$ 0.000 χ^2 /NDF: 2510169074783

dit_sam6_coil4_mean vs Slug, Sign Corrected



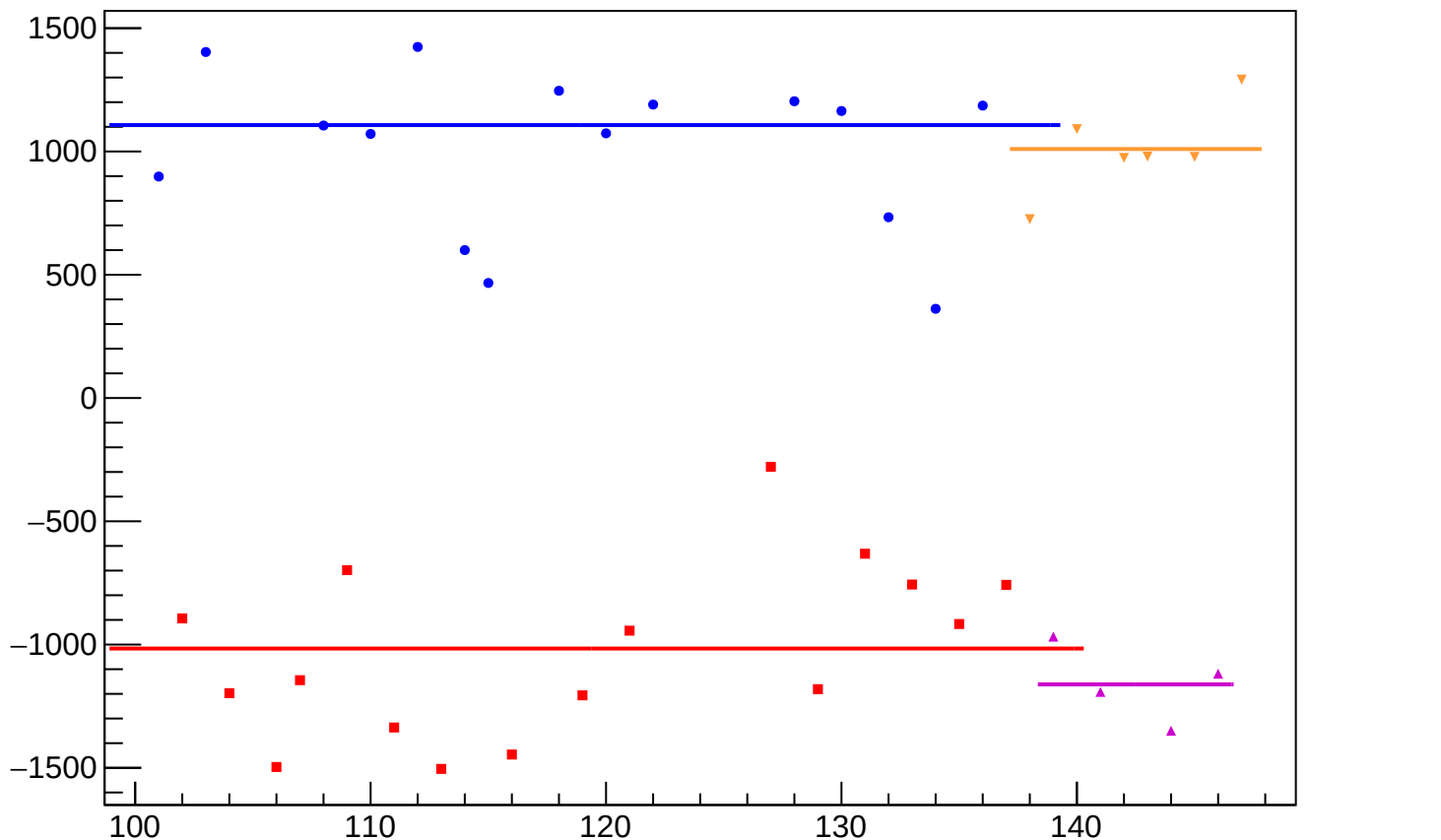
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left: 1017.421+/-0.000 χ^2/NDF : 336001079436400
 Right: 626.147+/-0.000 χ^2/NDF : 301736371959472
 Left Out: 19351.679+/-0.000 χ^2/NDF : 4004561642979184799490915989093986861056.0/5
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 In: 2269.660+/-0.000 χ^2/NDF : 3310312991160872
 Out: -575.734+/-0.000 χ^2/NDF : 302570488802523
 Left In: -22415.714+/-0.000 χ^2/NDF : 1182079822032937130190759591766583672832.0/3
 All: 770.577+/-0.000 χ^2/NDF : 637811820750

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



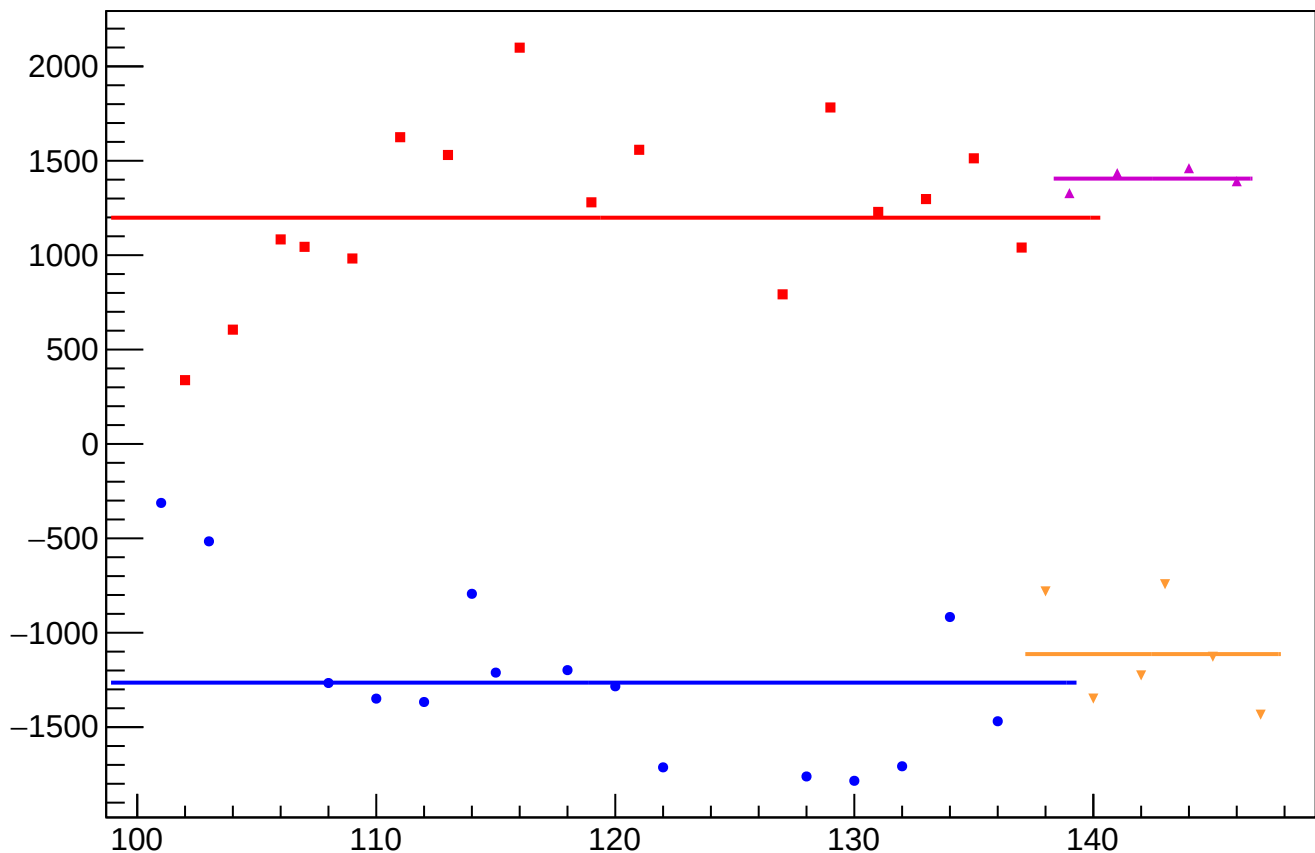
Right In: 232.312 $\pm$ 0.000 χ^2 /NDF: 5478184144885833956204804001180418048.0/14
 Left Out: 320.020 $\pm$ 0.000 χ^2 /NDF: 1271420744221737780461936561008672768.0/5
 Right Out: -204.637 $\pm$ 0.000 χ^2 /NDF: 4555067046835230017930882867882098688.0/15
 Left In: -361.450 $\pm$ 0.000 χ^2 /NDF: 655933305032403893757929914565132288.0/3
 All: 14.552 $\pm$ 0.000 χ^2 /NDF: 1628769631523

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1113.071+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1405.554+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 30970268891614382645525761371087568896.0/5

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 836270200890965406993422799639412736.0/3

Left: -7.493+/-0.000 χ^2/NDF : 12347260189507008

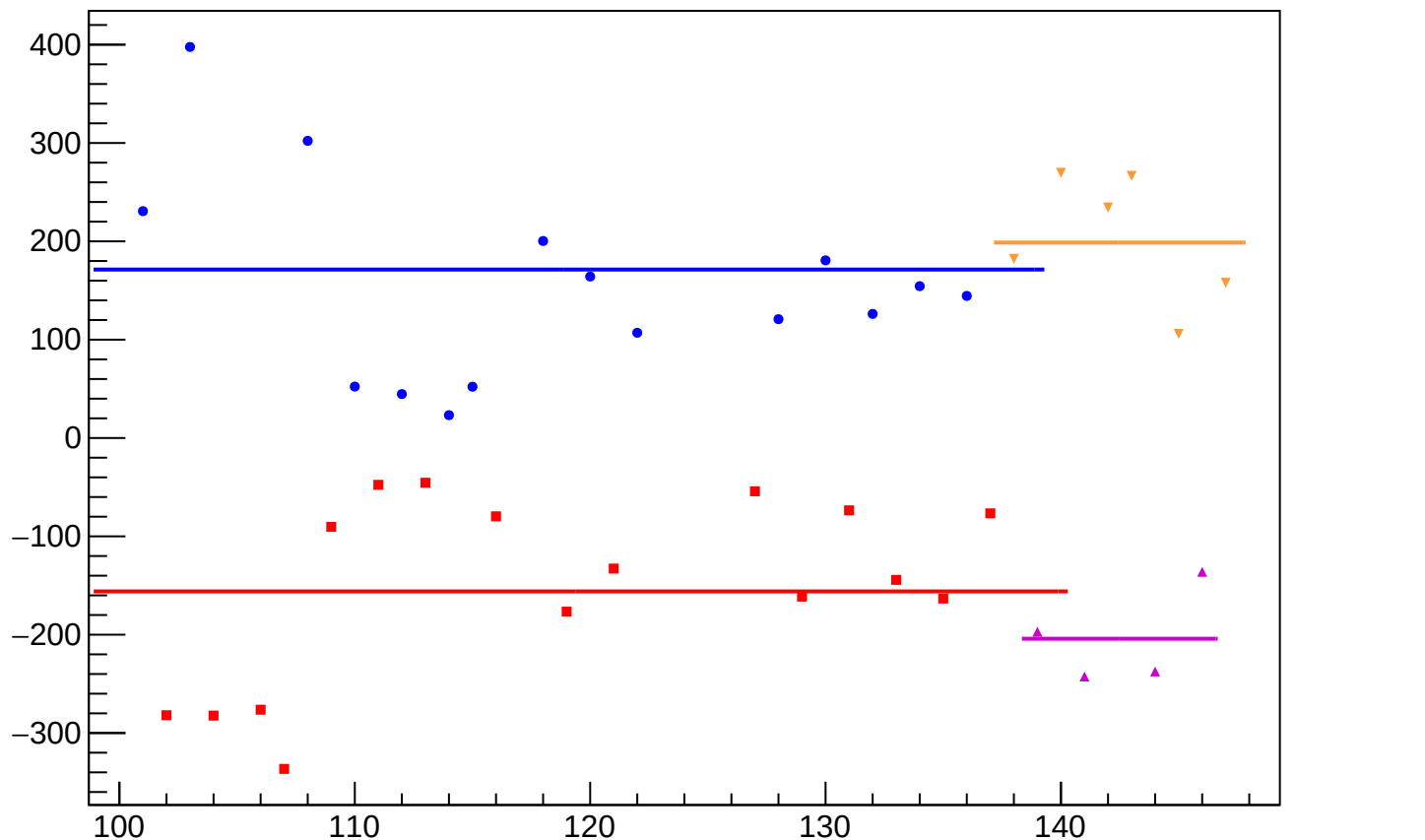
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: -350.005+/-0.000 χ^2/NDF : 1725288243735166

Out: 289.847+/-0.000 χ^2/NDF : 1563076303357209

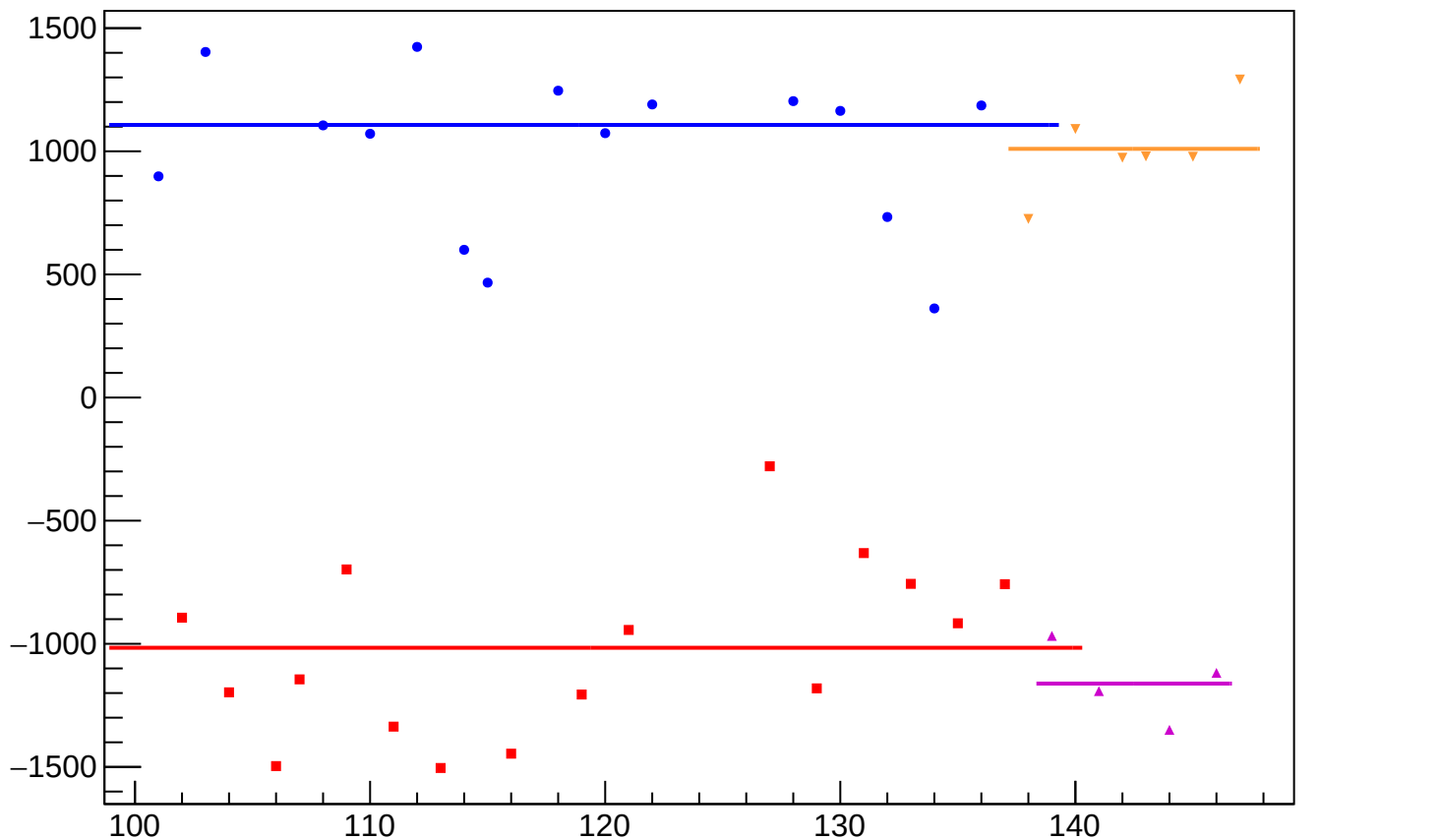
All: -12.902+/-0.000 χ^2/NDF : 350125684239

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



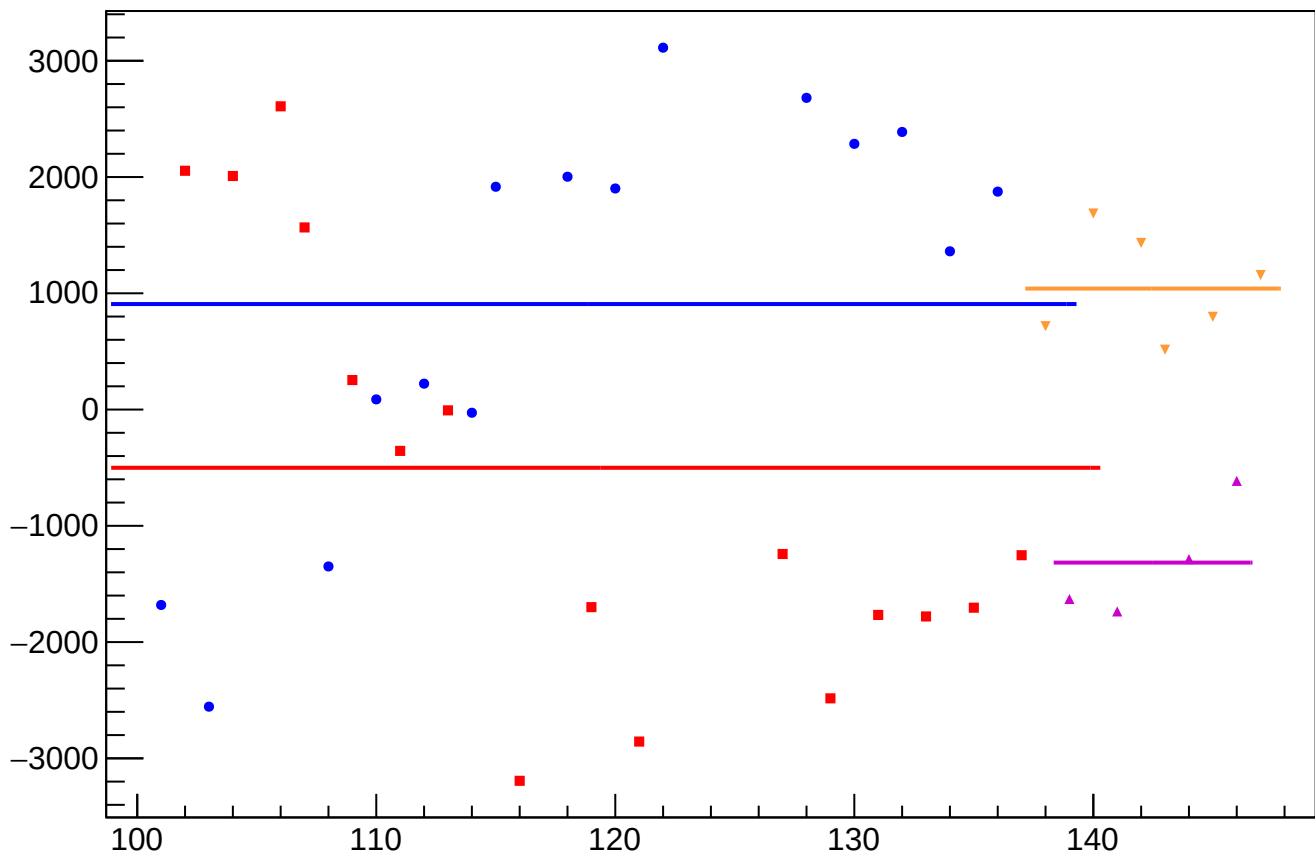
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 198.752+/-0.000 χ^2/NDF : 1630184635589560478366616611215900672.0/5
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -204.110+/-0.000 χ^2/NDF : 612559629162861688075892968579399680.0/3
 All: 11.511+/-0.000 χ^2/NDF : 8019410056947

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442+/-0.000

Left Out: 1040.579+/-0.000

Right Out: -500.689+/-0.000

Left In: -1316.308+/-0.000

χ^2/NDF : 2107238007691848638499662178406566461440.0/14

χ^2/NDF : 73752747969769883324346041931871027200.0/5

χ^2/NDF : 2074232918749953174436803426379074895872.0/15

χ^2/NDF : 64028096934179540527056644067947446272.0/3

Left: 5.997+/-0.000 χ^2/NDF : 119116537981873247

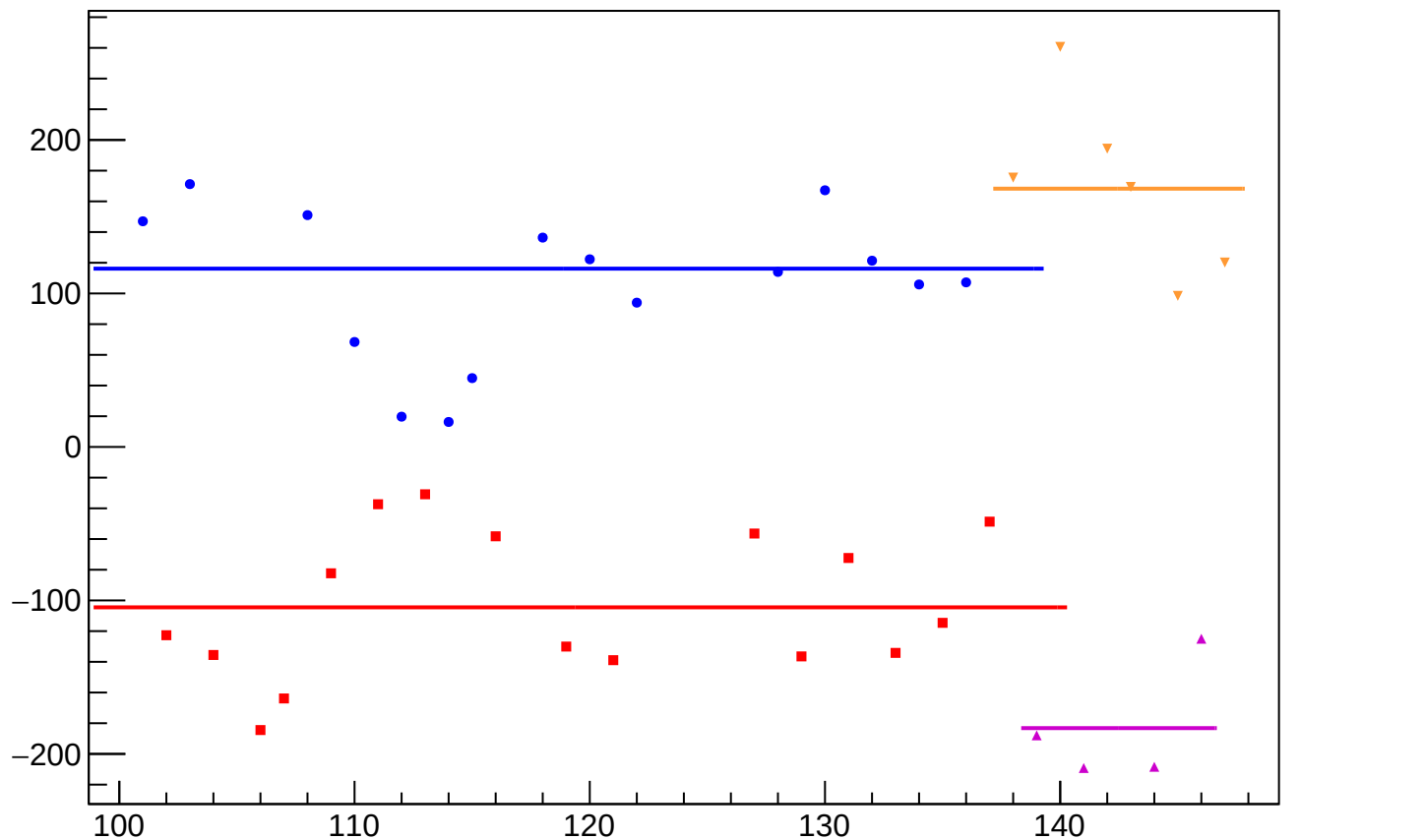
Right: 193.746+/-0.000 χ^2/NDF : 483370034209518

In: 145.915+/-0.000 χ^2/NDF : 32703121073100730

Out: 105.160+/-0.000 χ^2/NDF : 2770813230205691

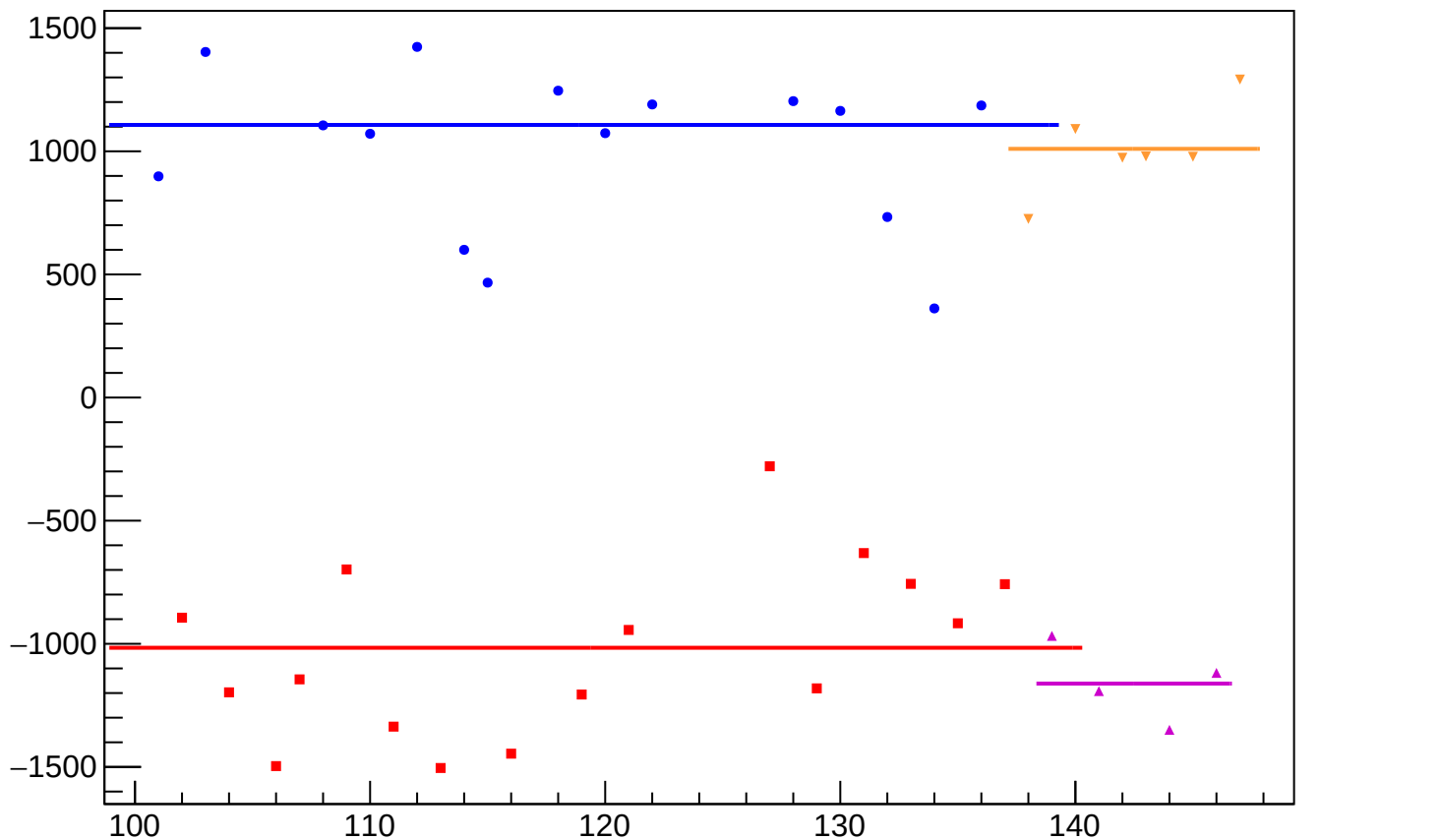
All: 124.443+/-0.000 χ^2/NDF : 604198902828

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



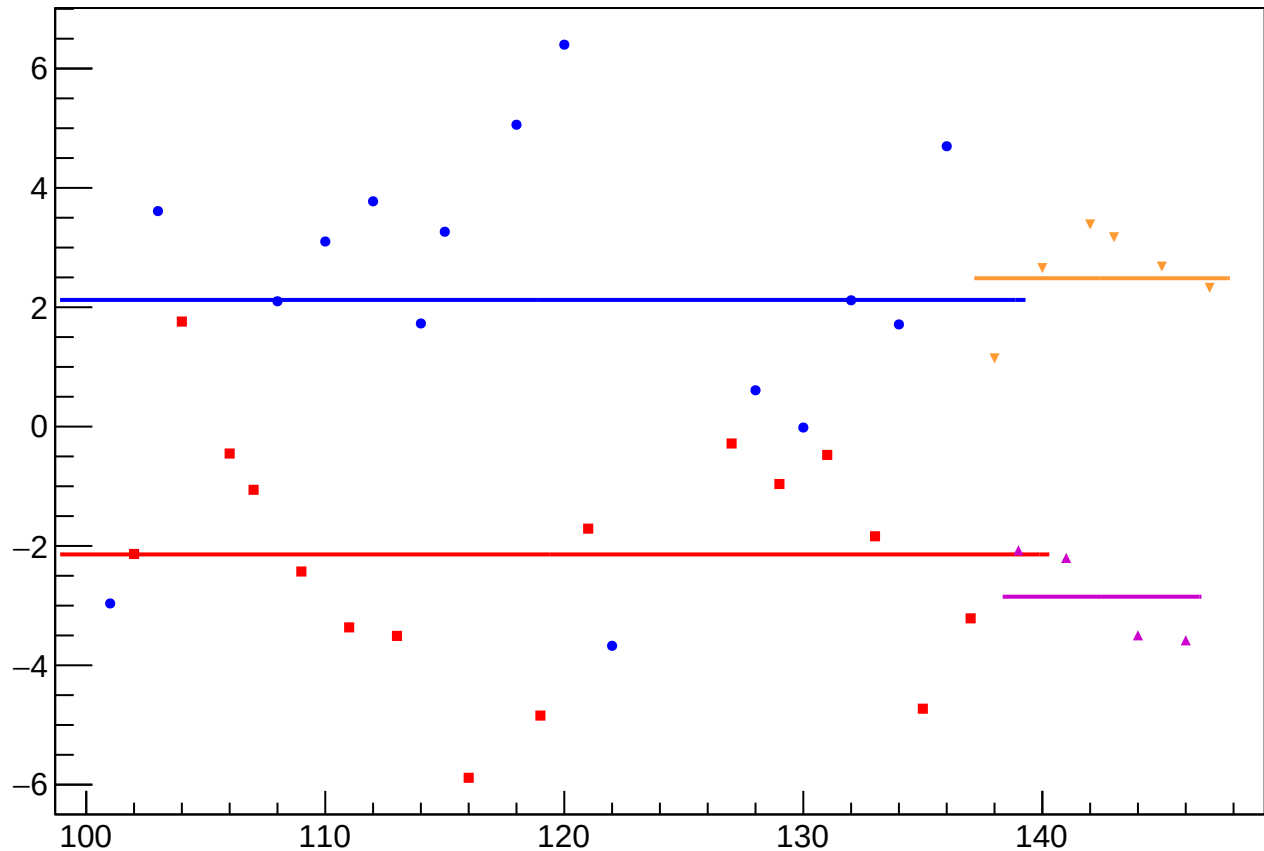
Right In: 116.159 +/- 0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 168.274 +/- 0.000 χ^2/NDF : 1310774752530049797448329740001738752.0/5
 Right Out: -104.501 +/- 0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: -183.187 +/- 0.000 χ^2/NDF : 397071009319947409549508739457875968.0/3
 All: 7.892 +/- 0.000 χ^2/NDF : 43678192133758

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Left: 56.786+/-0.000 χ^2/NDF : 91385353074193345
 Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Right: 30.953+/-0.000 χ^2/NDF : 1595991371539270
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 In: 330.176+/-0.000 χ^2/NDF : 1190845160775936
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Out: -219.677+/-0.000 χ^2/NDF : 116210884643618
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3
 All: 40.488+/-0.000 χ^2/NDF : 2510169074783

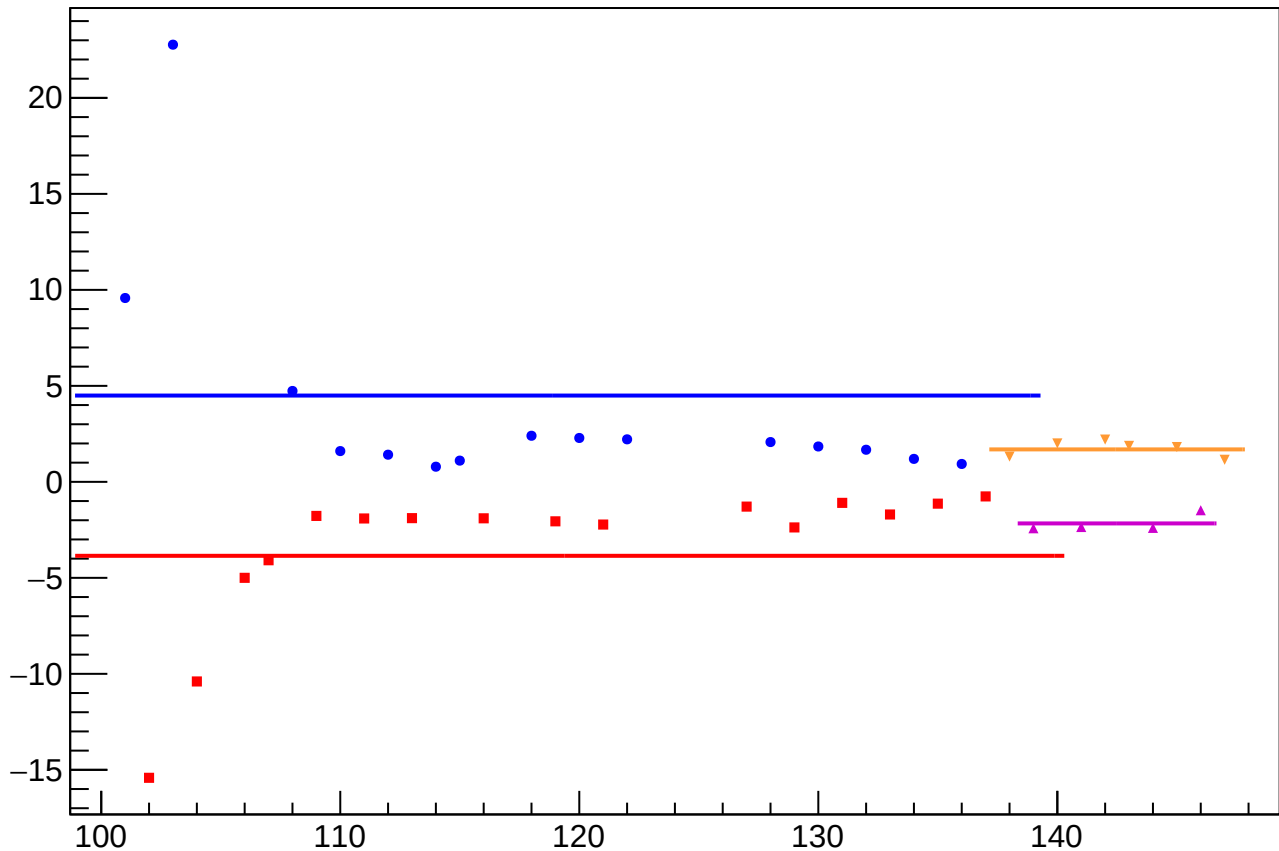
dit_4aX_coil6_mean vs Slug, Sign Corrected



Left: 0.143+/-0.000 χ^2/NDF : 578390137996011041
 Right: -0.039+/-0.000 χ^2/NDF : 1371901956190569
 In: 0.420+/-0.000 χ^2/NDF : 1092755937610640478
 Out: -0.323+/-0.000 χ^2/NDF : 83048862341065005
 All: 0.029+/-0.000 χ^2/NDF : 19519024500934

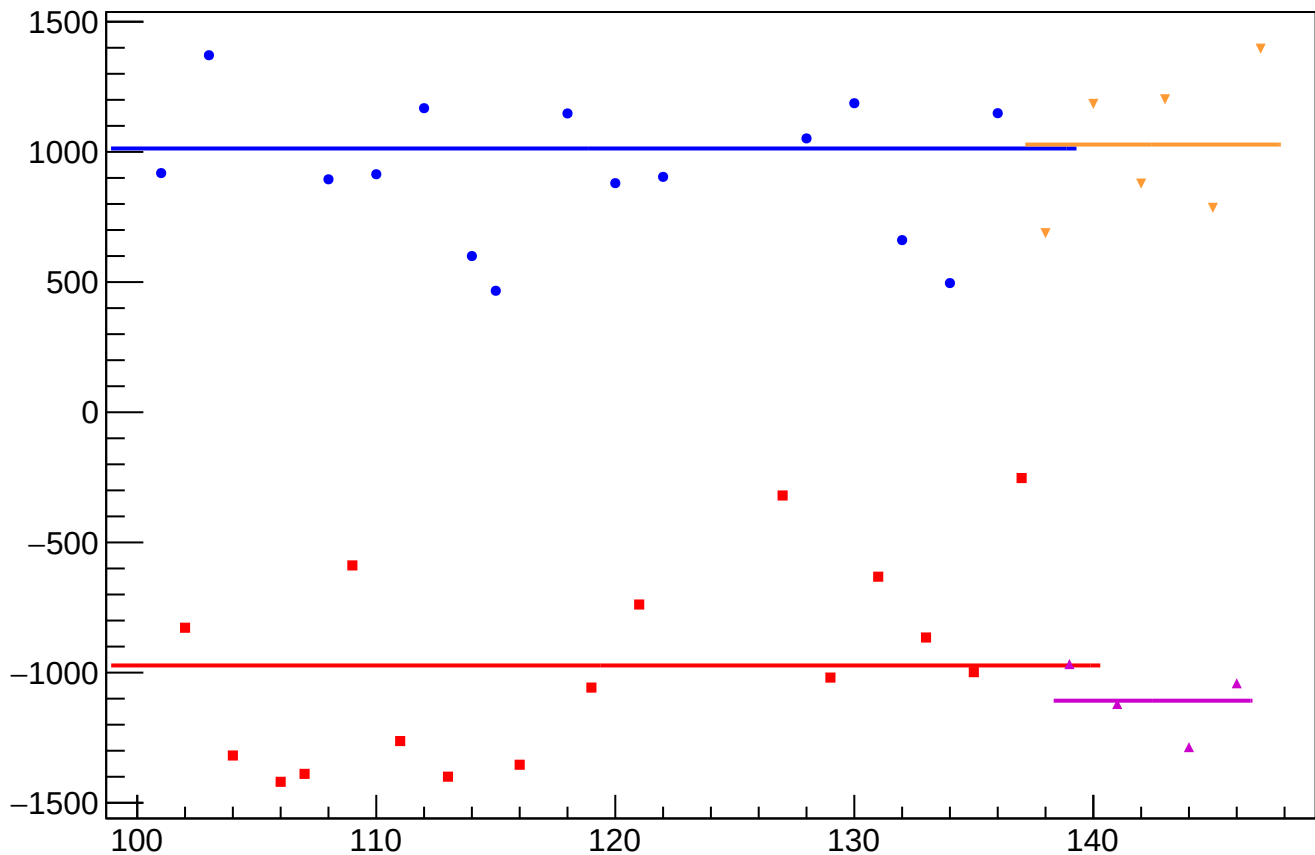
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.486+/-0.000 χ^2/NDF : 216957819980696310836924981968896.0/5
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.851+/-0.000 χ^2/NDF : 166564123106417714716836941004800.0/3

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.002 +/- 0.000 χ^2/NDF : 29283328065923271
 Right: 0.264 +/- 0.000 χ^2/NDF : 60505823648883396
 In: 2.214 +/- 0.000 χ^2/NDF : 351812639471531056
 Out: -1.674 +/- 0.000 χ^2/NDF : 20427359339242961
 All: 0.166 +/- 0.000 χ^2/NDF : 6346860527860

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

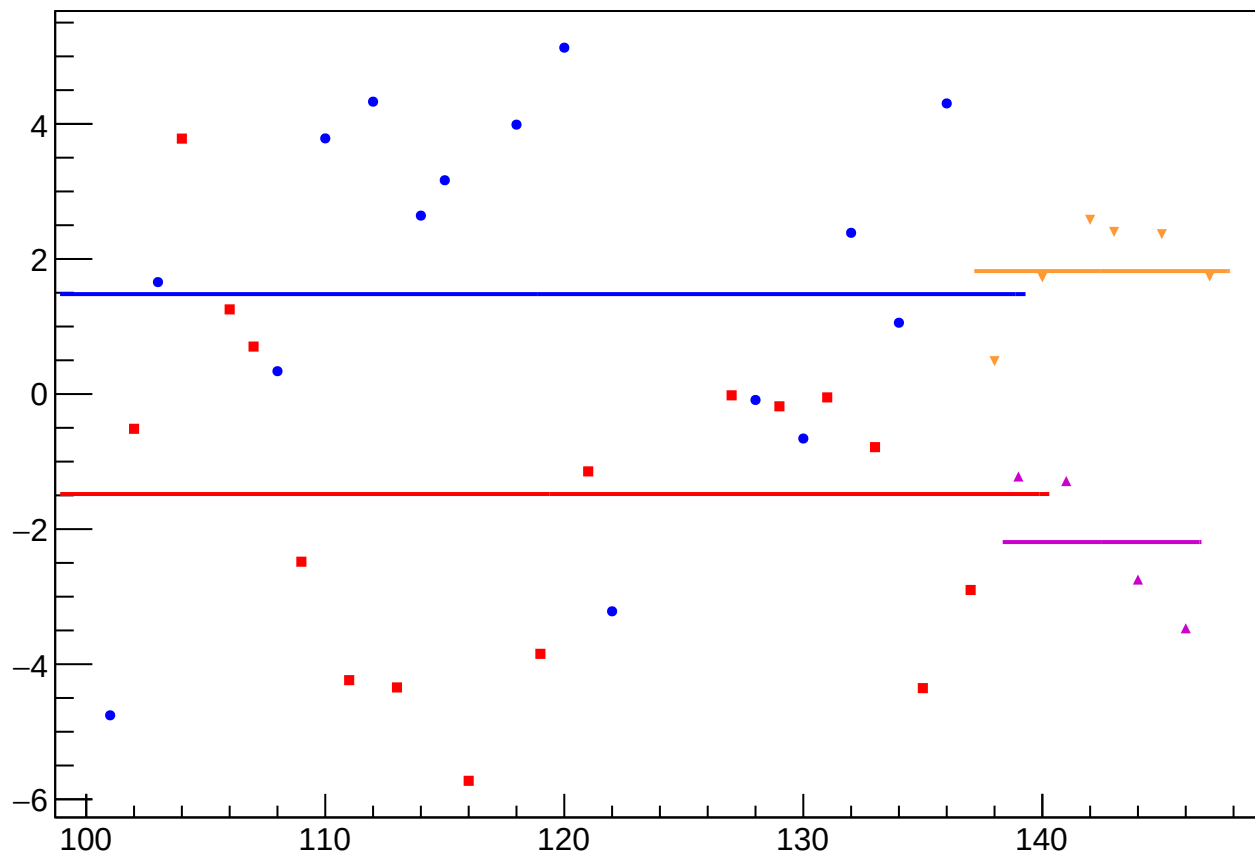
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

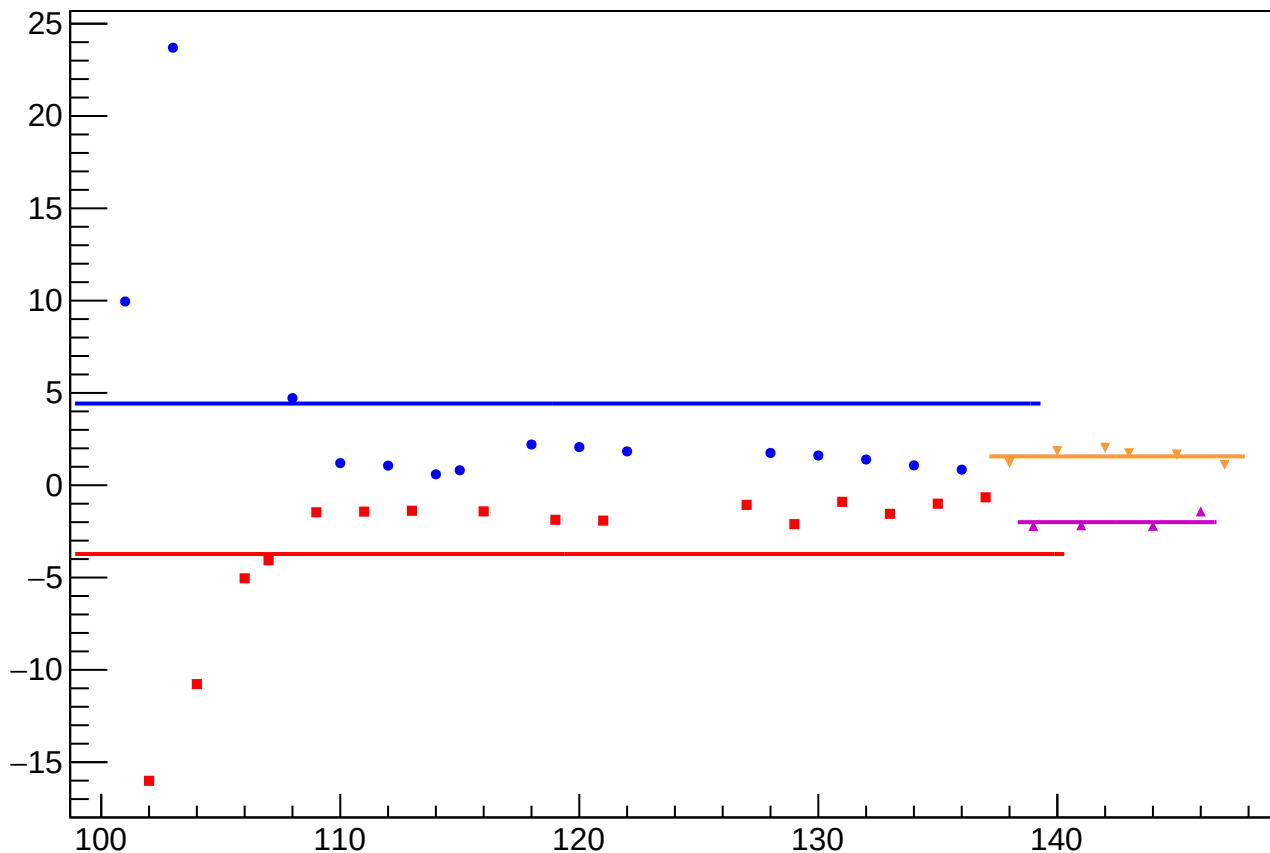
All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_4eX_coil6_mean vs Slug, Sign Corrected



Left: 0.060+/-0.000 χ^2/NDF : 357427120505583665
 Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 1.821+/-0.000 χ^2/NDF : 213278527427417478640606042390528.0/5
 Right Out: -1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: -2.191+/-0.000 χ^2/NDF : 308441485929261855889360831905792.0/3
 All: 0.009+/-0.000 χ^2/NDF : 16352068755059

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Left: -0.001 +/- 0.000 χ^2/NDF : 24892702189993674

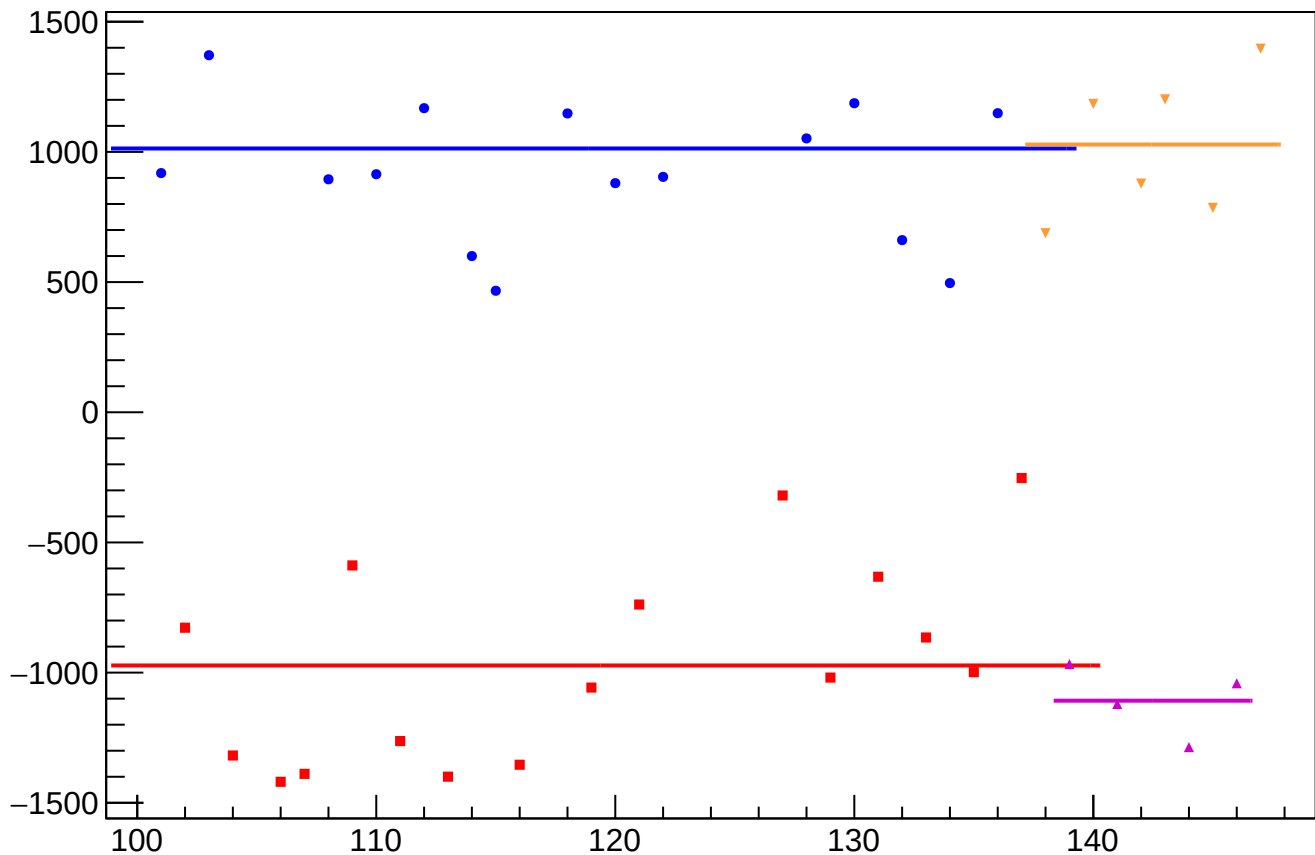
Right: 0.293 +/- 0.000 χ^2/NDF : 64106471830391853

In: 2.225 +/- 0.000 χ^2/NDF : 3746487659694612868

Out: -1.648 +/- 0.000 χ^2/NDF : 21374868133503330

All: 0.185 +/- 0.000 χ^2/NDF : 66637620861306

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

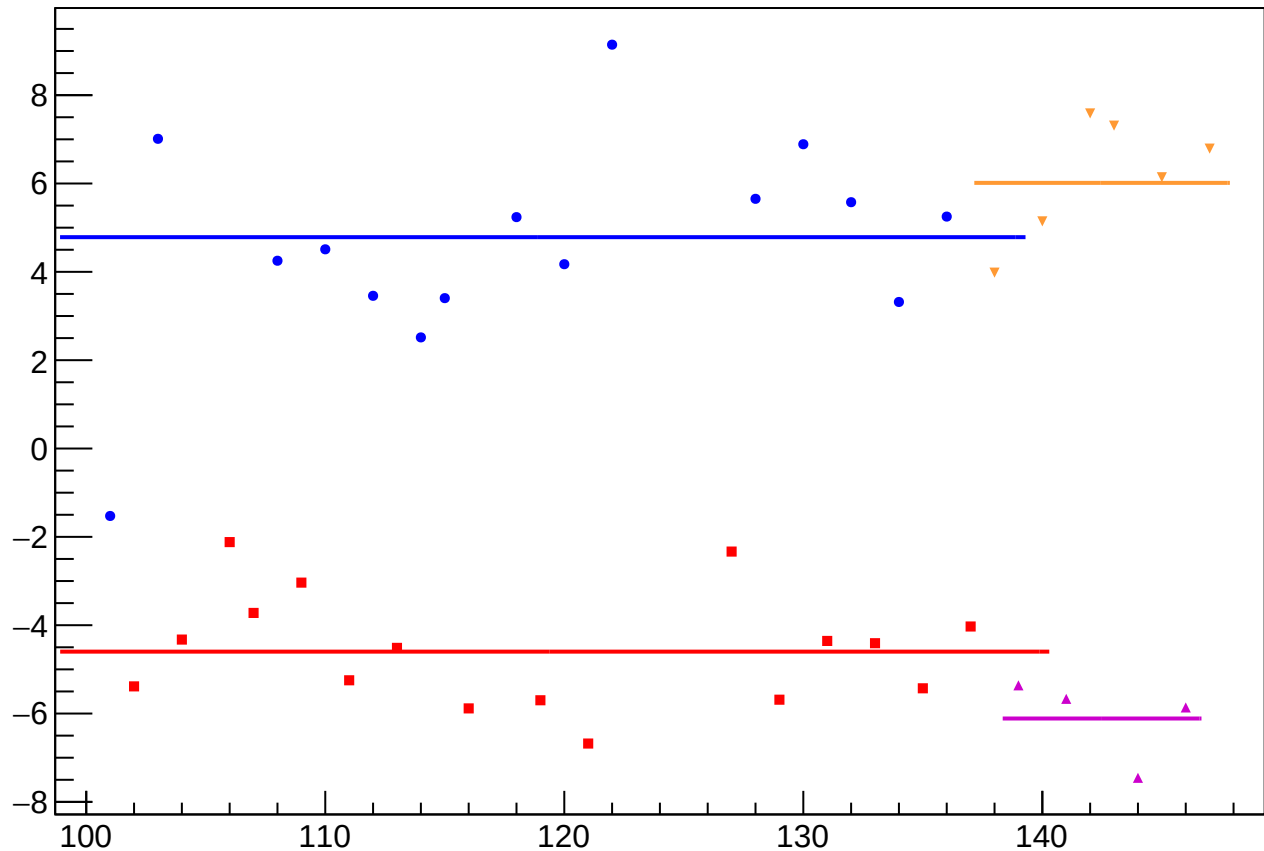
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

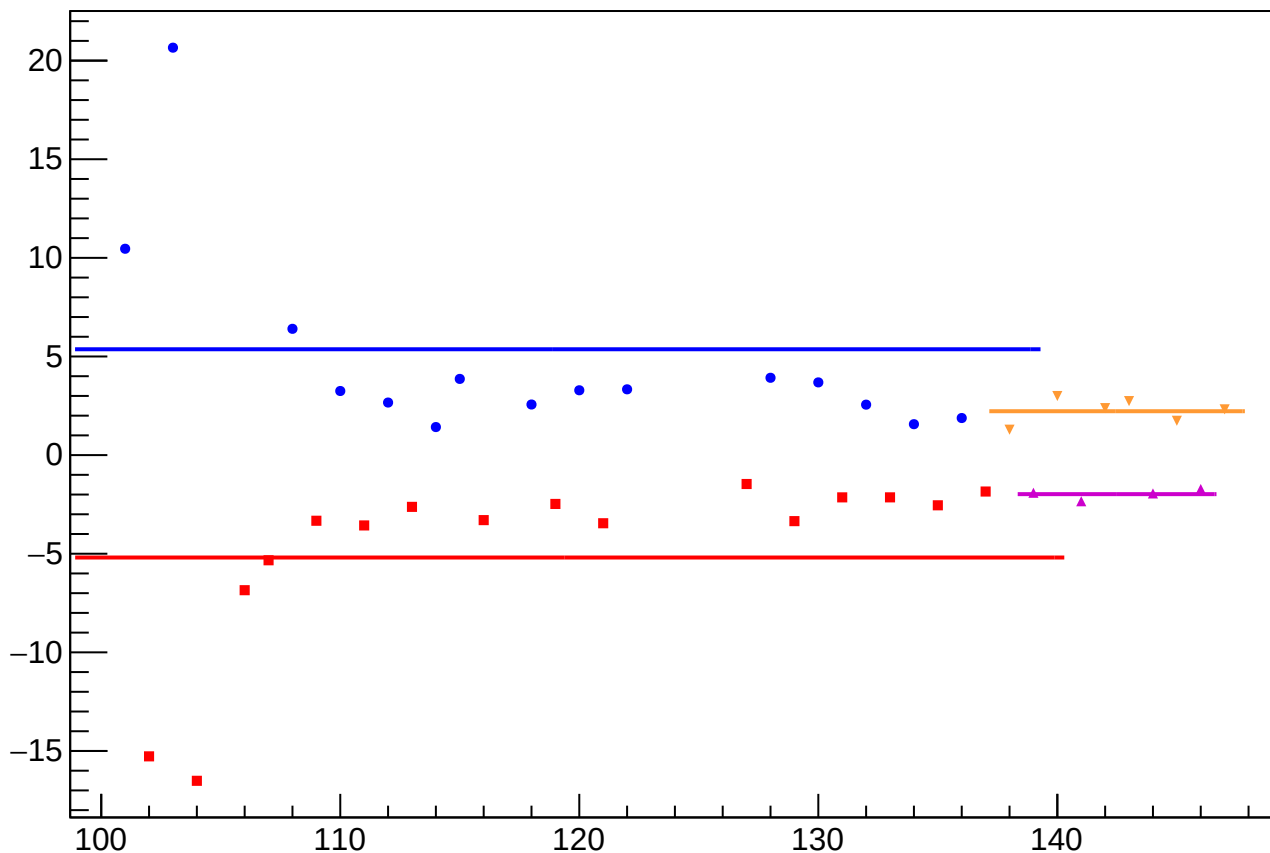
dit_11X12X_coil6_mean vs Slug, Sign Corrected



Left: 0.691 +/- 0.000 χ^2/NDF : 287734393035525090
 Right: 0.029 +/- 0.000 χ^2/NDF : 33948566568426742
 In: 1.053 +/- 0.000 χ^2/NDF : 3061828836532474243
 Out: -0.427 +/- 0.000 χ^2/NDF : 31177708680855399
 All: 0.274 +/- 0.000 χ^2/NDF : 62934824043933

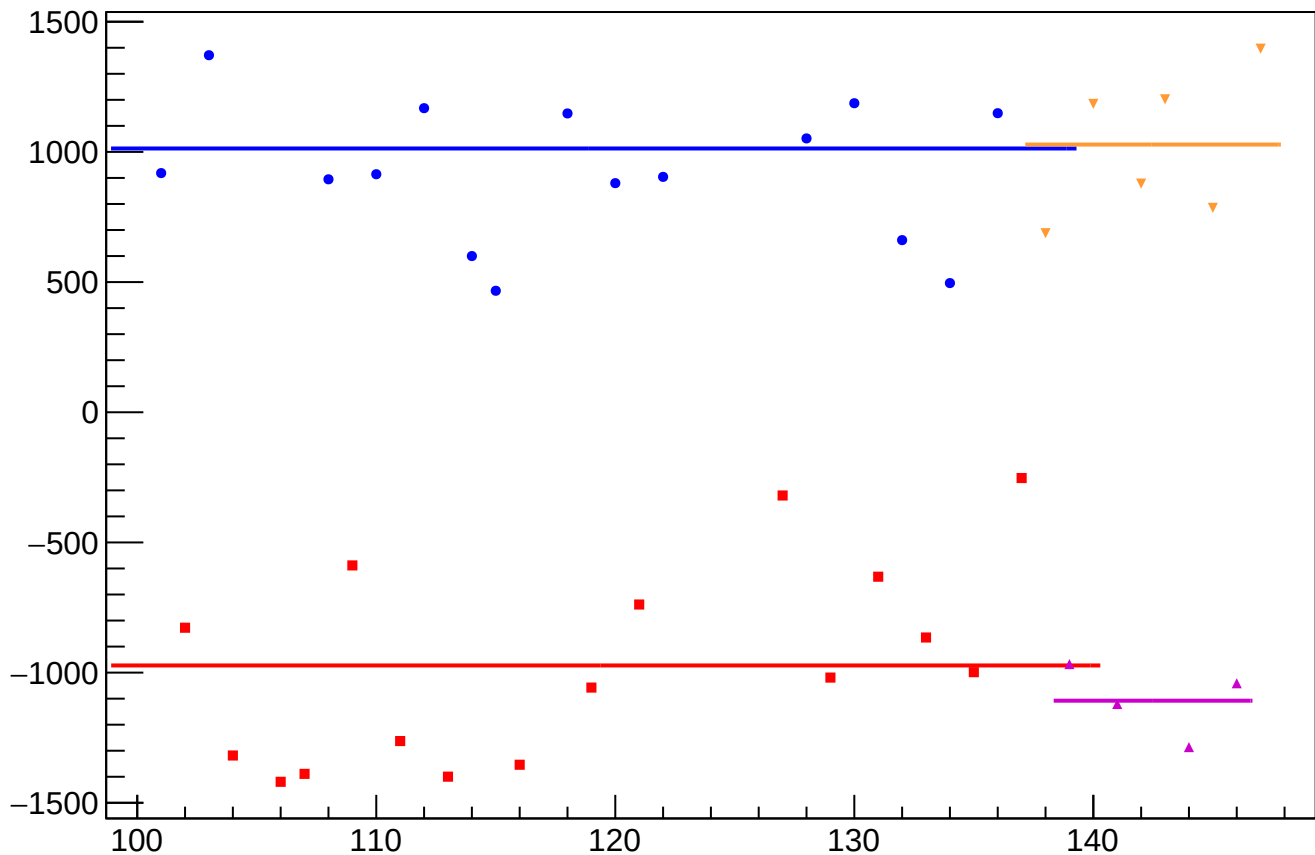
Right In: 4.785 +/- 0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Left Out: 6.014 +/- 0.000 χ^2/NDF : 658879140486778840190932083539968.0/5
 Right Out: -4.598 +/- 0.000 χ^2/NDF : 989607156792948633247632779640832.0/15
 Left In: -6.112 +/- 0.000 χ^2/NDF : 228101685531198080619626069229568.0/3

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Left: 0.379 +/- 0.000 χ^2/NDF : 352434363730878267
 Right In: 5.366 +/- 0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Right: 0.015 +/- 0.000 χ^2/NDF : 71199413844226553
 Left Out: 2.225 +/- 0.000 χ^2/NDF : 155582797766413171052125121150976.0/5
 In: 2.851 +/- 0.000 χ^2/NDF : 3078926628880821841
 Right Out: -5.192 +/- 0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Out: -2.277 +/- 0.000 χ^2/NDF : 30328548409430123
 Left In: -1.979 +/- 0.000 χ^2/NDF : 17207482537662139807465461514240.0/3
 All: 0.149 +/- 0.000 χ^2/NDF : 74788348937164

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

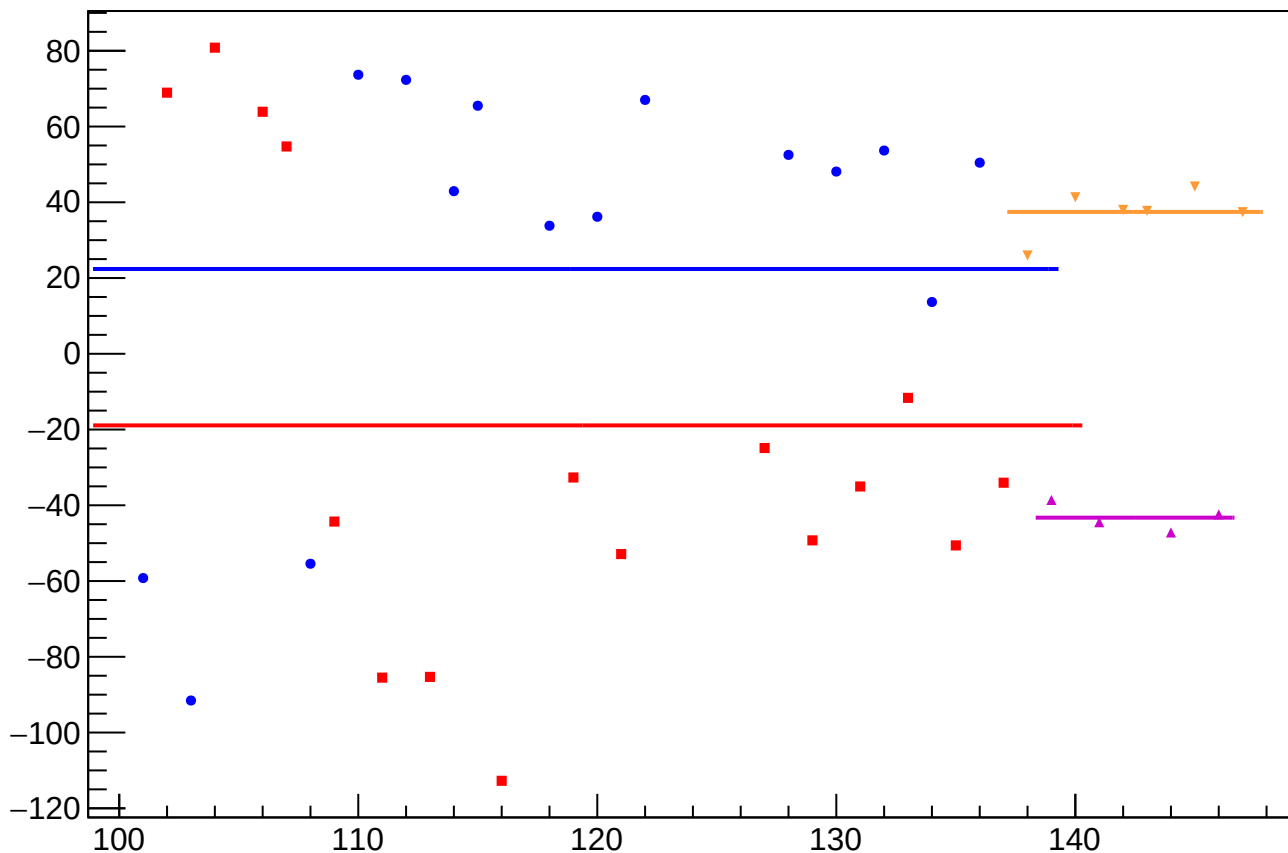
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

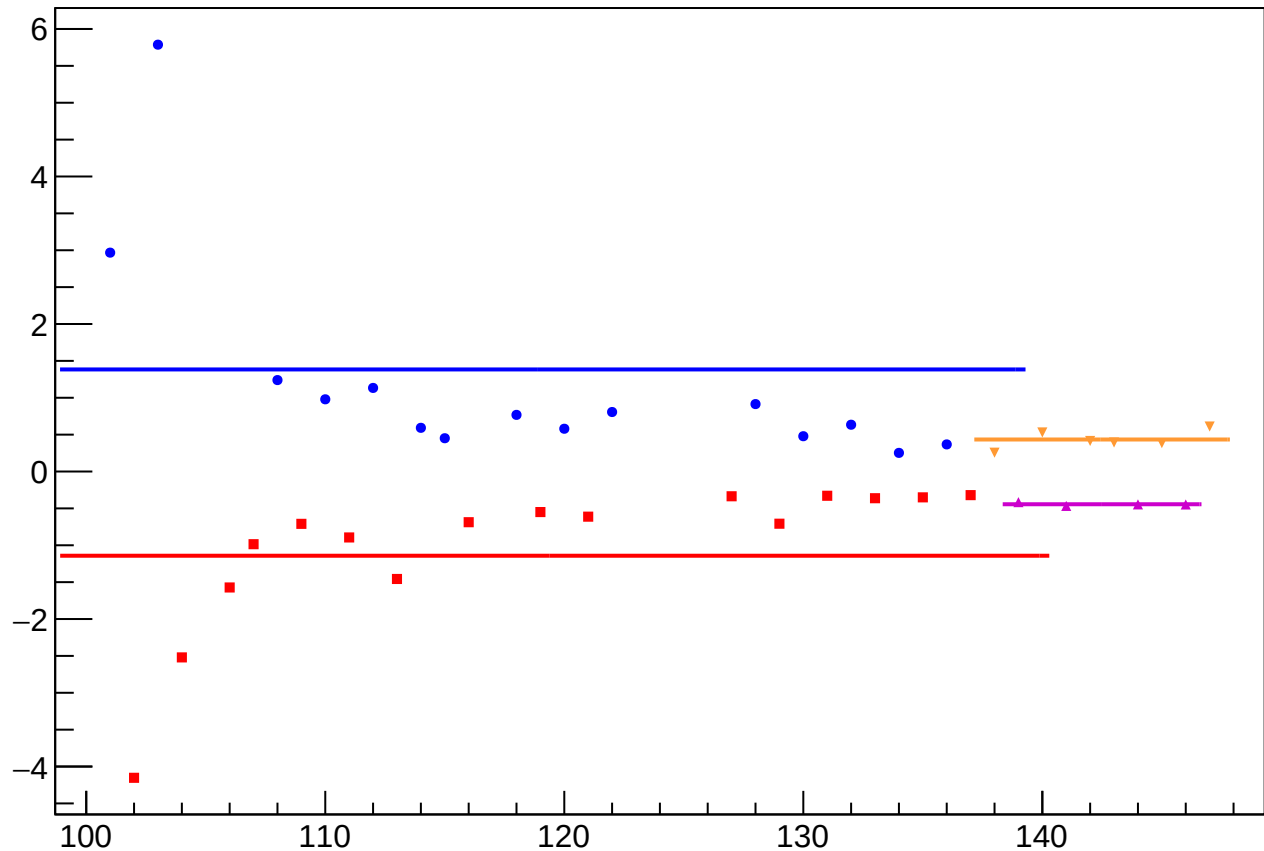
All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_4aY_coil6_mean vs Slug, Sign Corrected



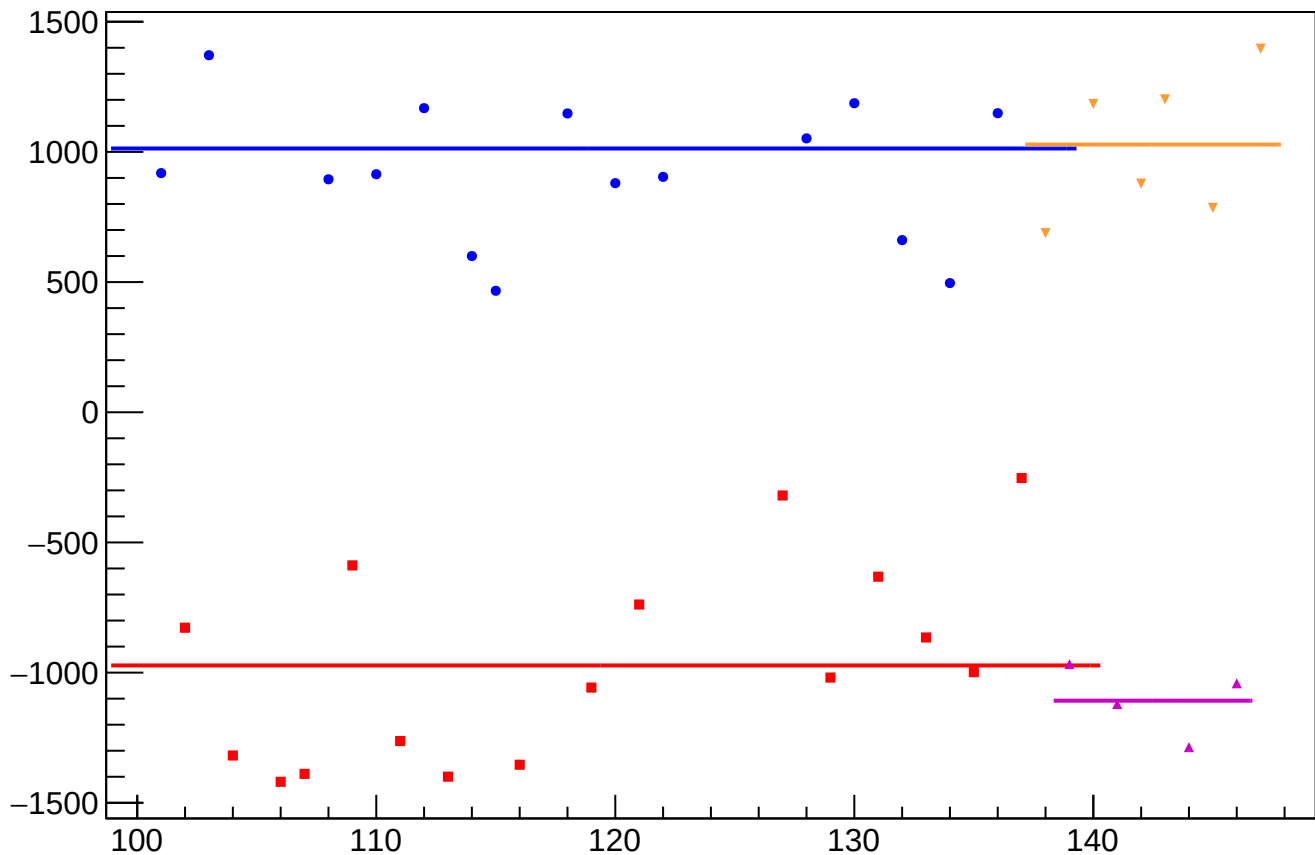
Right In: 22.385 +/- 0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14
 Left Out: 37.461 +/- 0.000 χ^2/NDF : 15208265992188889866222791911538688.0/5
 Right Out: -18.907 +/- 0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15
 Left In: -43.265 +/- 0.000 χ^2/NDF : 3318056581113162598960325720014848.0/3
 All: 1.667 +/- 0.000 χ^2/NDF : 59197738965119

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.434+/-0.000 χ^2/NDF : 5983856503418078519268489560064.0/5
 Right Out: -1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: -0.444+/-0.000 χ^2/NDF : 111200396929404492644649795584.0/3
 All: 0.083+/-0.000 χ^2/NDF : 46340037861810

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

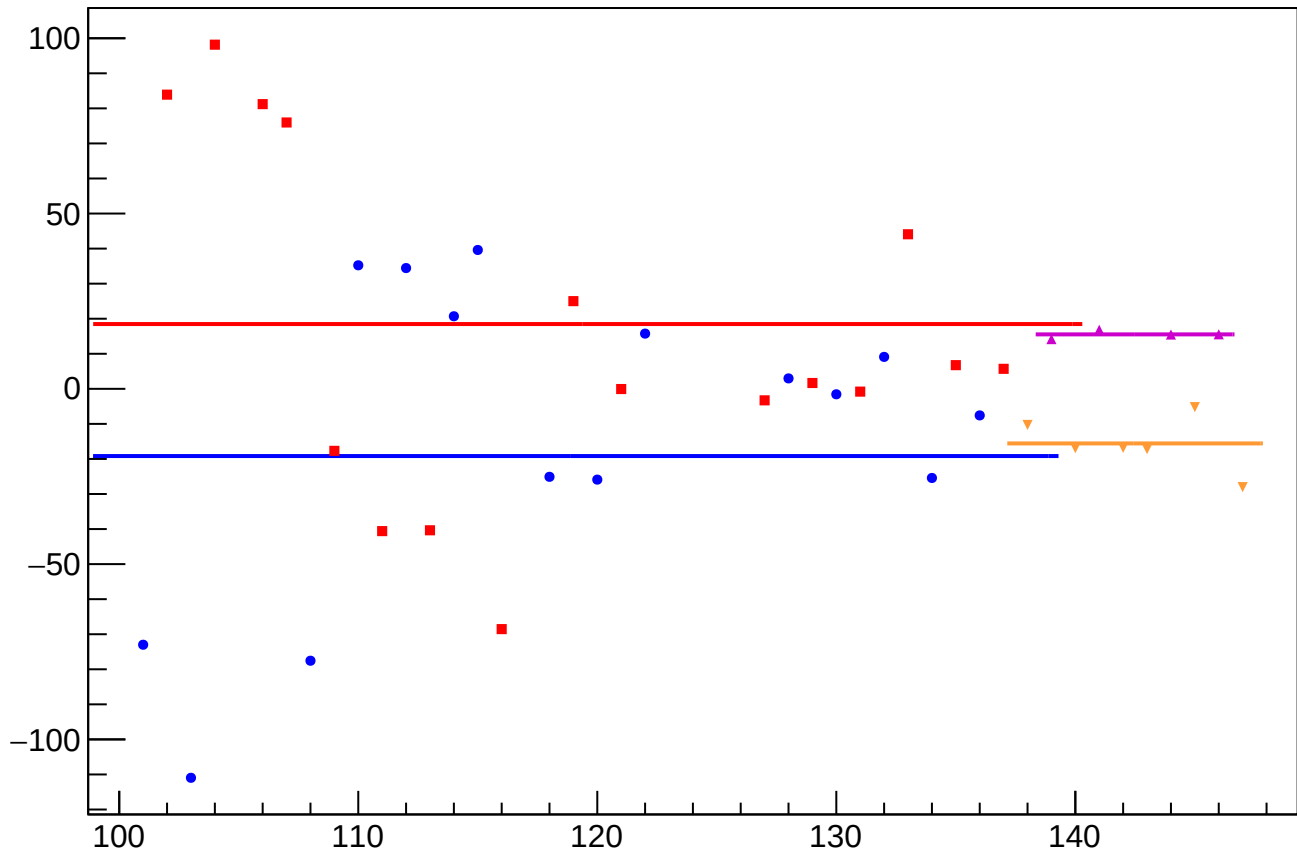
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175+/-0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -15.575+/-0.000

χ^2/NDF : 23370359925987605964308039438696448.0/5

Right Out: 18.479+/-0.000

χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: 15.533+/-0.000

χ^2/NDF : 295578324140029145582198415425536.0/3

Left: -1.920+/-0.000 χ^2/NDF : 20716877127031525

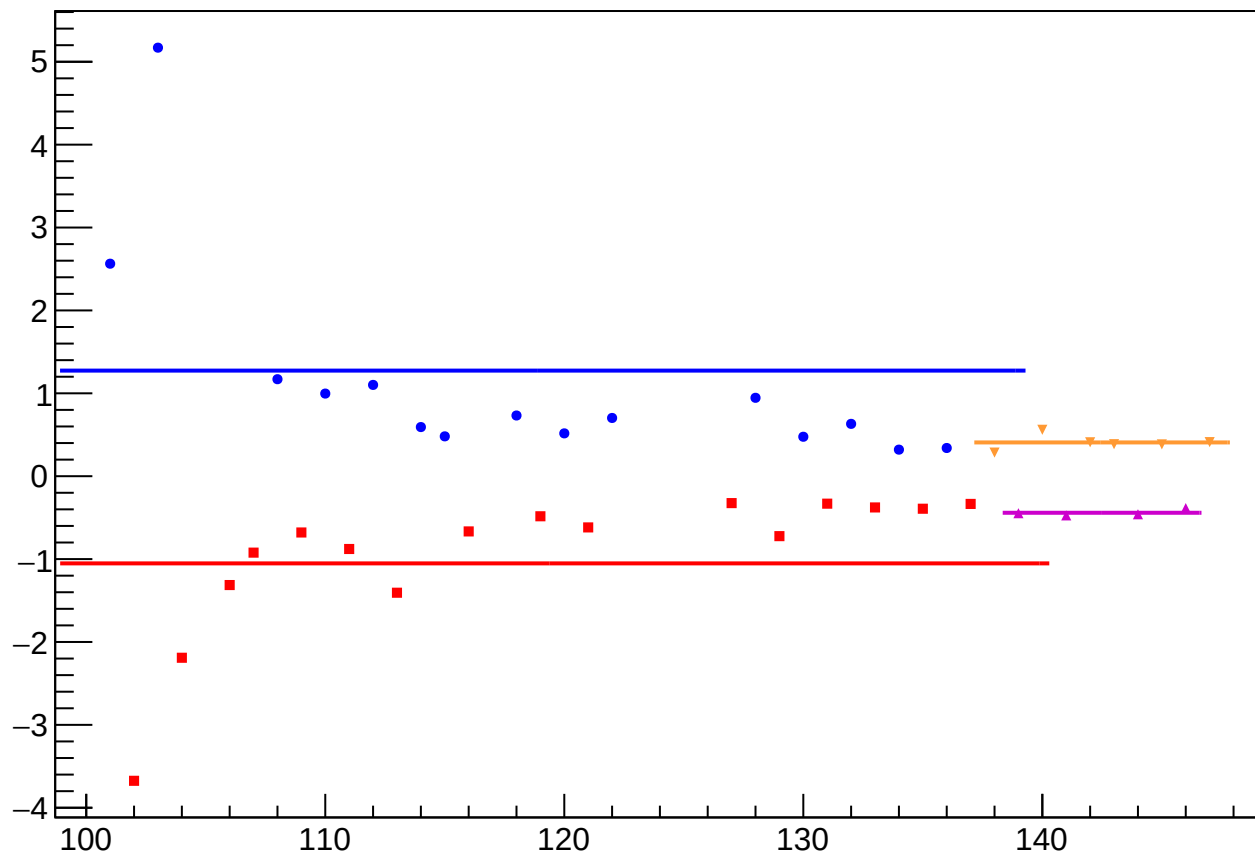
Right: -0.091+/-0.000 χ^2/NDF : 3202145485356183

In: -7.289+/-0.000 χ^2/NDF : 151439704706784247

Out: 5.093+/-0.000 χ^2/NDF : 181681456024847099

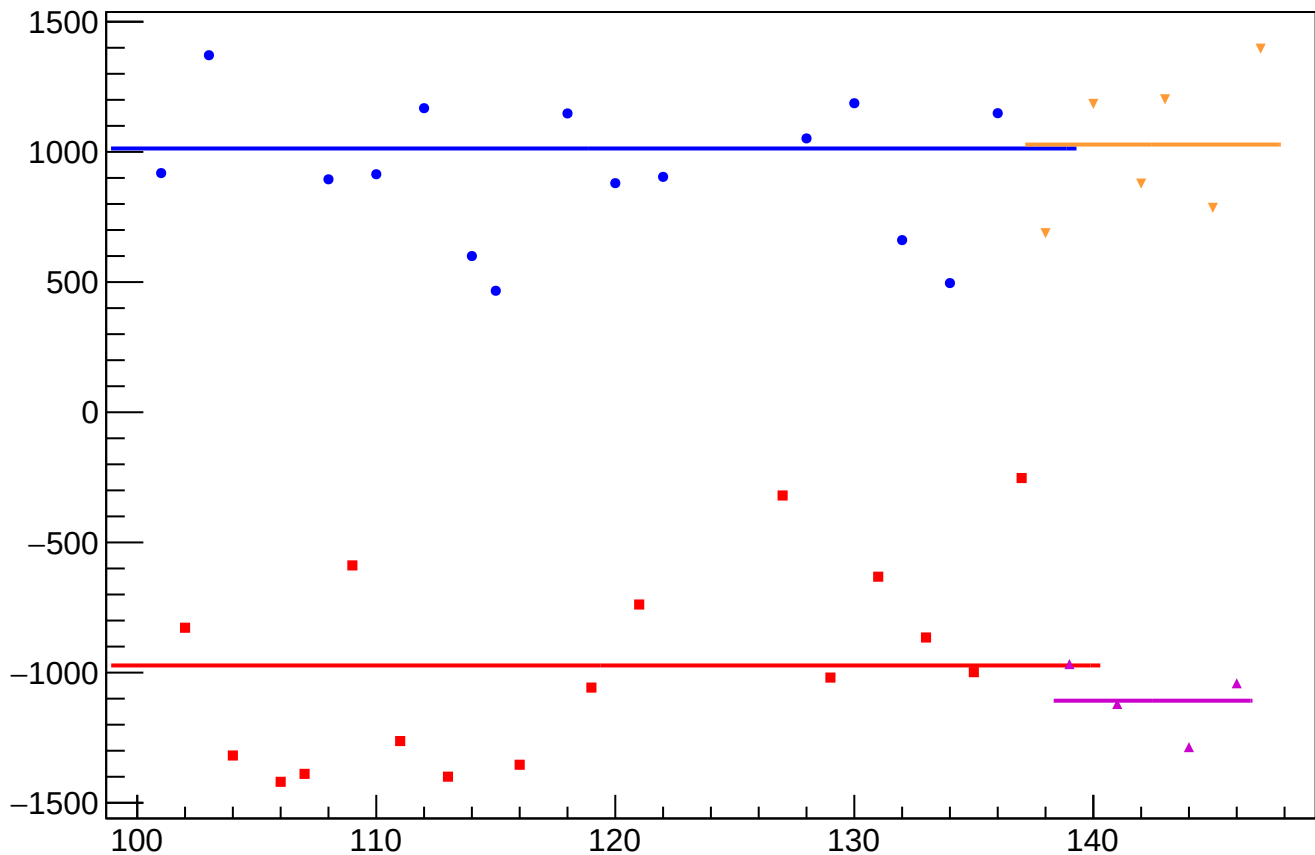
All: -0.766+/-0.000 χ^2/NDF : 3410939327651

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14
 Left Out: 0.407 $\pm$ 0.000 χ^2 /NDF: 3155048991196968153307037040640.0/5
 Right Out: -1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15
 Left In: -0.441 $\pm$ 0.000 χ^2 /NDF: 381738113891467609864455323648.0/3
 All: 0.073 $\pm$ 0.000 χ^2 /NDF: 37406177531060

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

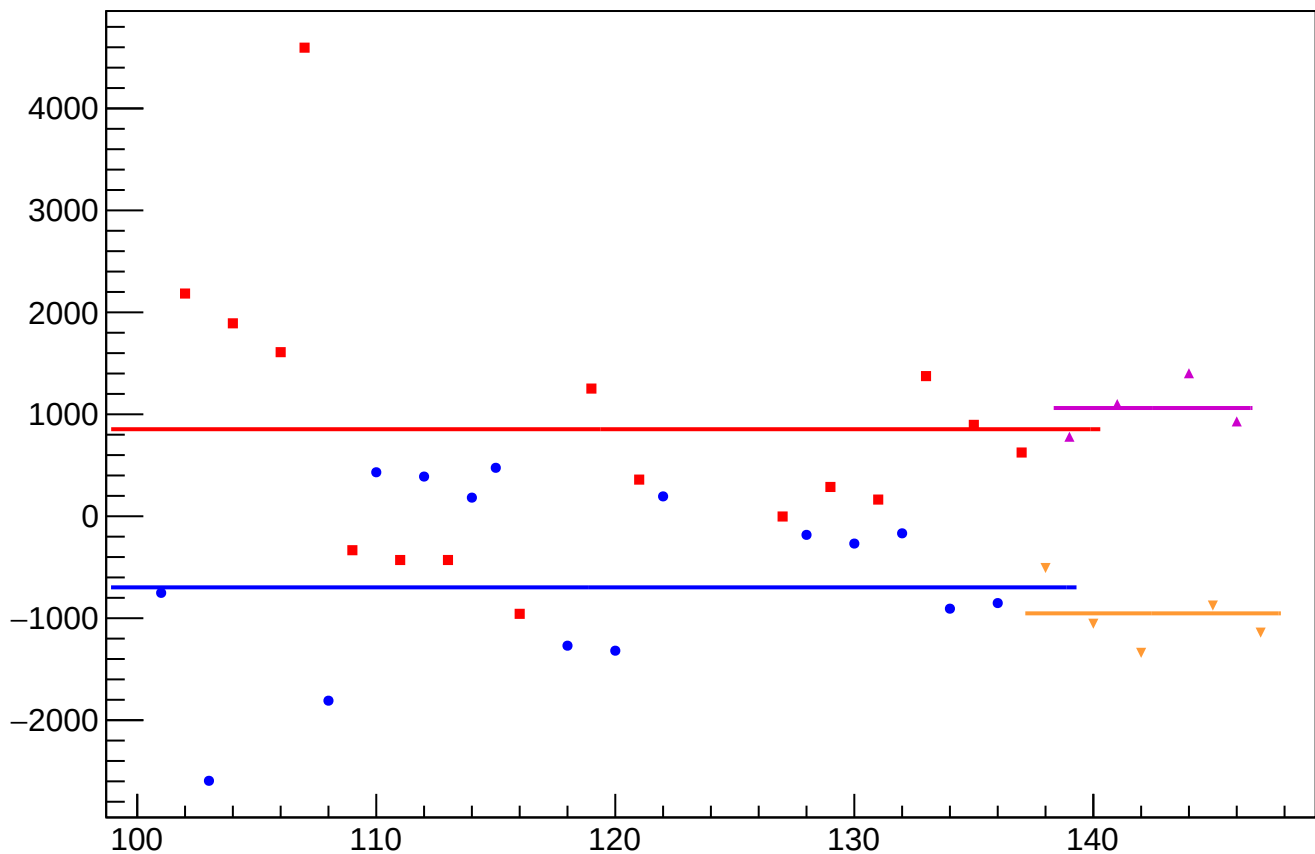
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283 +/- 0.000

Left: 16.004 +/- 0.000 χ^2/NDF : 75661201255332386

Left Out: -952.334 +/- 0.000

Right: 88.833 +/- 0.000 χ^2/NDF : 2360125827736184

Right Out: 853.734 +/- 0.000

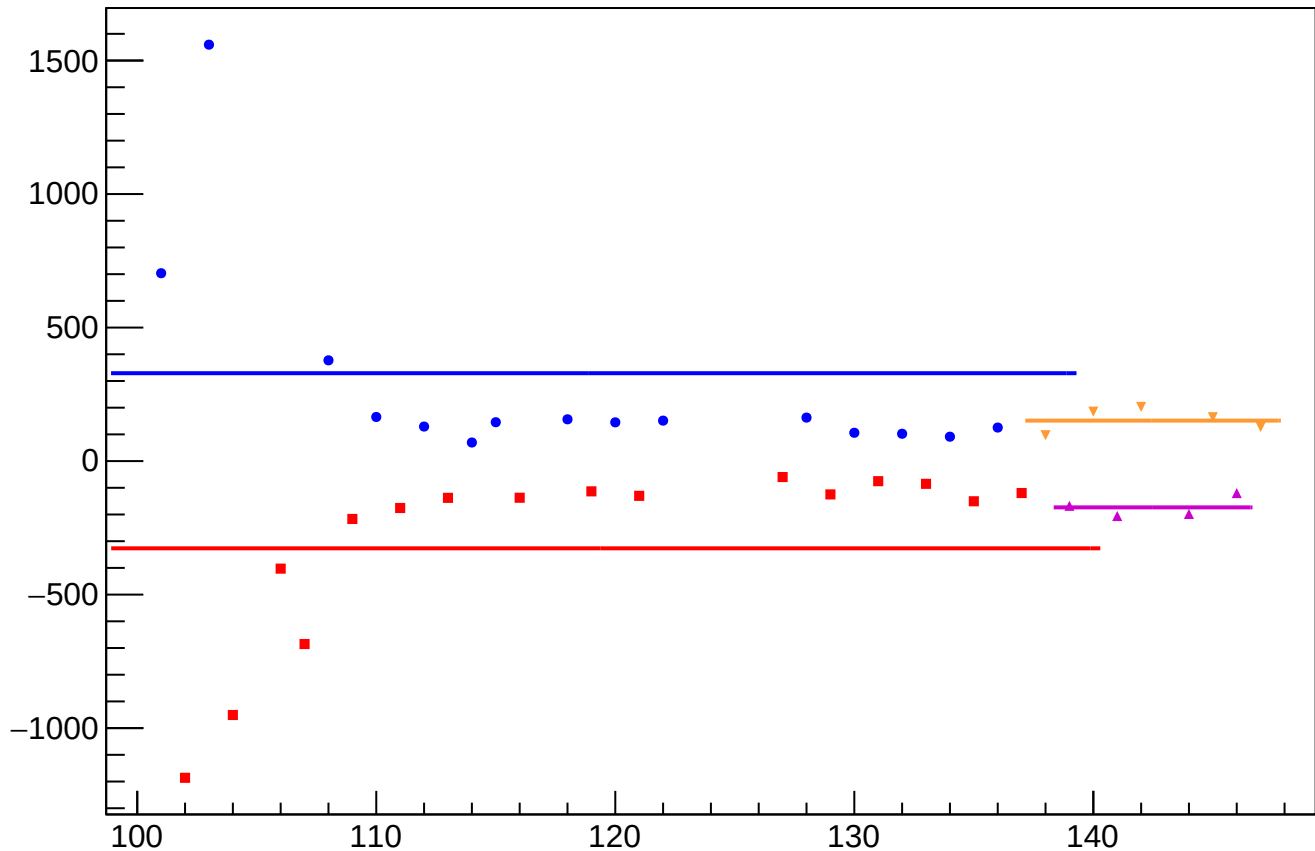
In: -94.918 +/- 0.000 χ^2/NDF : 11964135261828934

Left In: 1061.694 +/- 0.000

Out: 214.960 +/- 0.000 χ^2/NDF : 1874310746804988

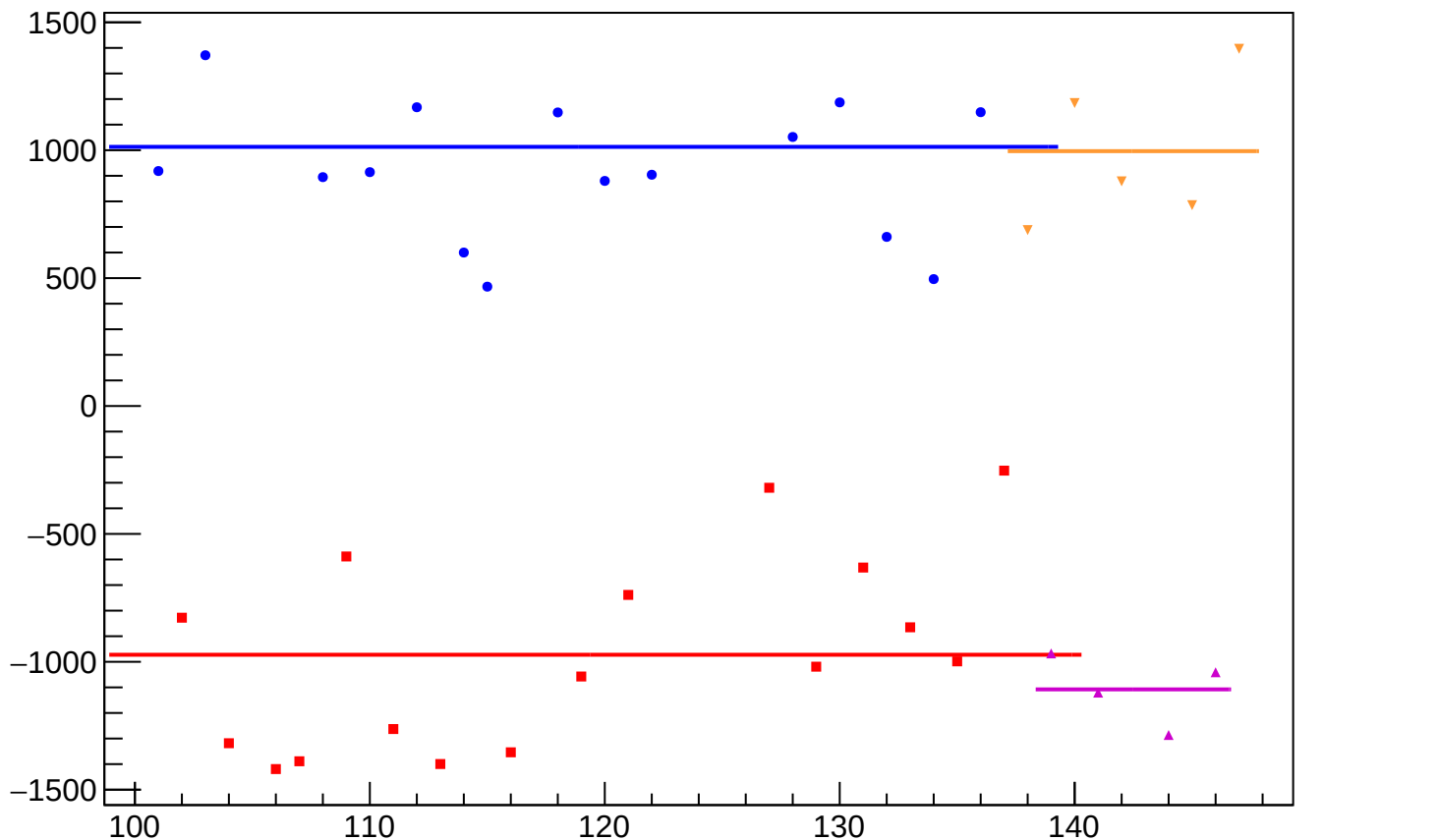
All: 63.474 +/- 0.000 χ^2/NDF : 3119168286036

dit_usl_coil6_err_mean vs Slug, Sign Corrected



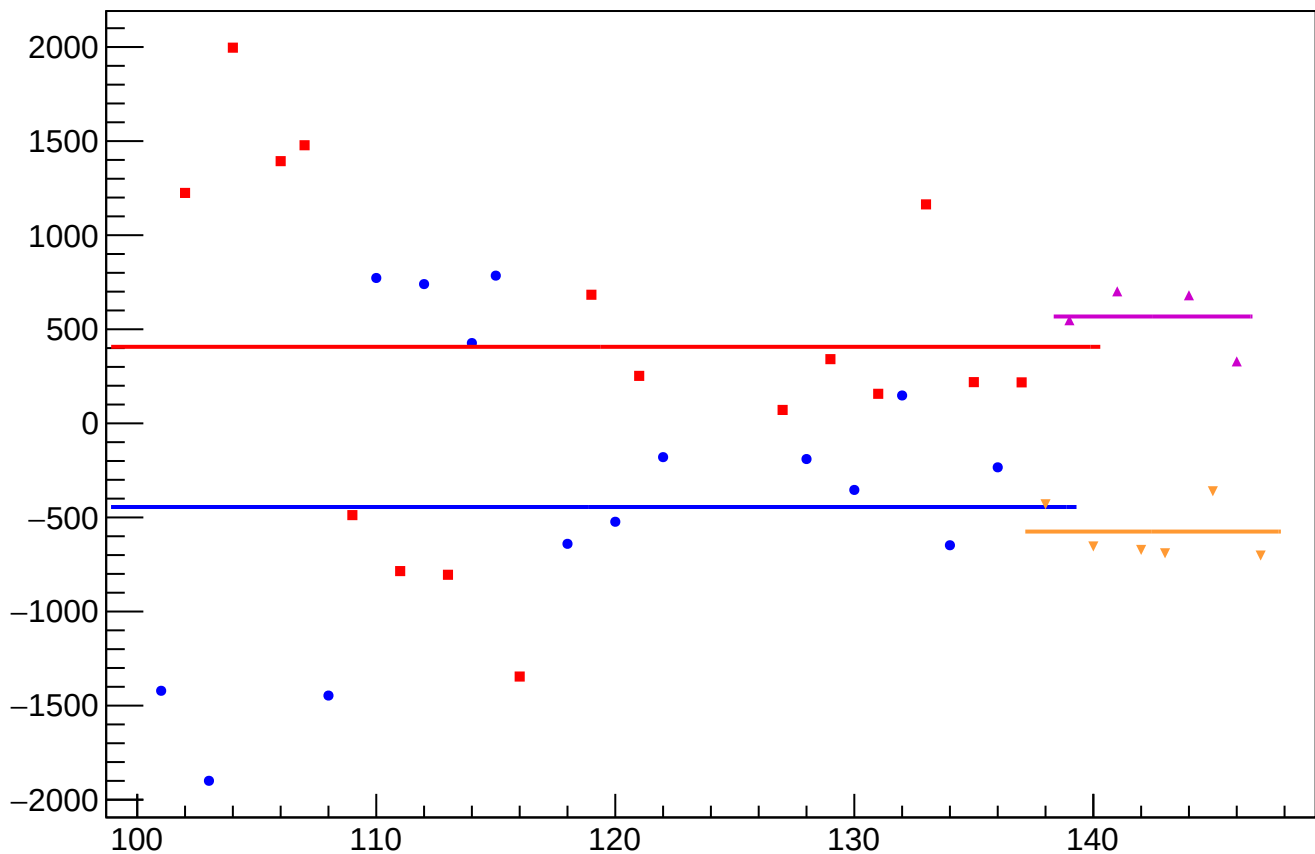
Left: -4.637 +/- 0.000 χ^2/NDF : 19413085245701232
 Right: -3.278 +/- 0.000 χ^2/NDF : 3459018192319126
 In: 157.047 +/- 0.000 χ^2/NDF : 17335289804449100
 Out: -157.538 +/- 0.000 χ^2/NDF : 142035541474627
 All: -3.751 +/- 0.000 χ^2/NDF : 3653157505273

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



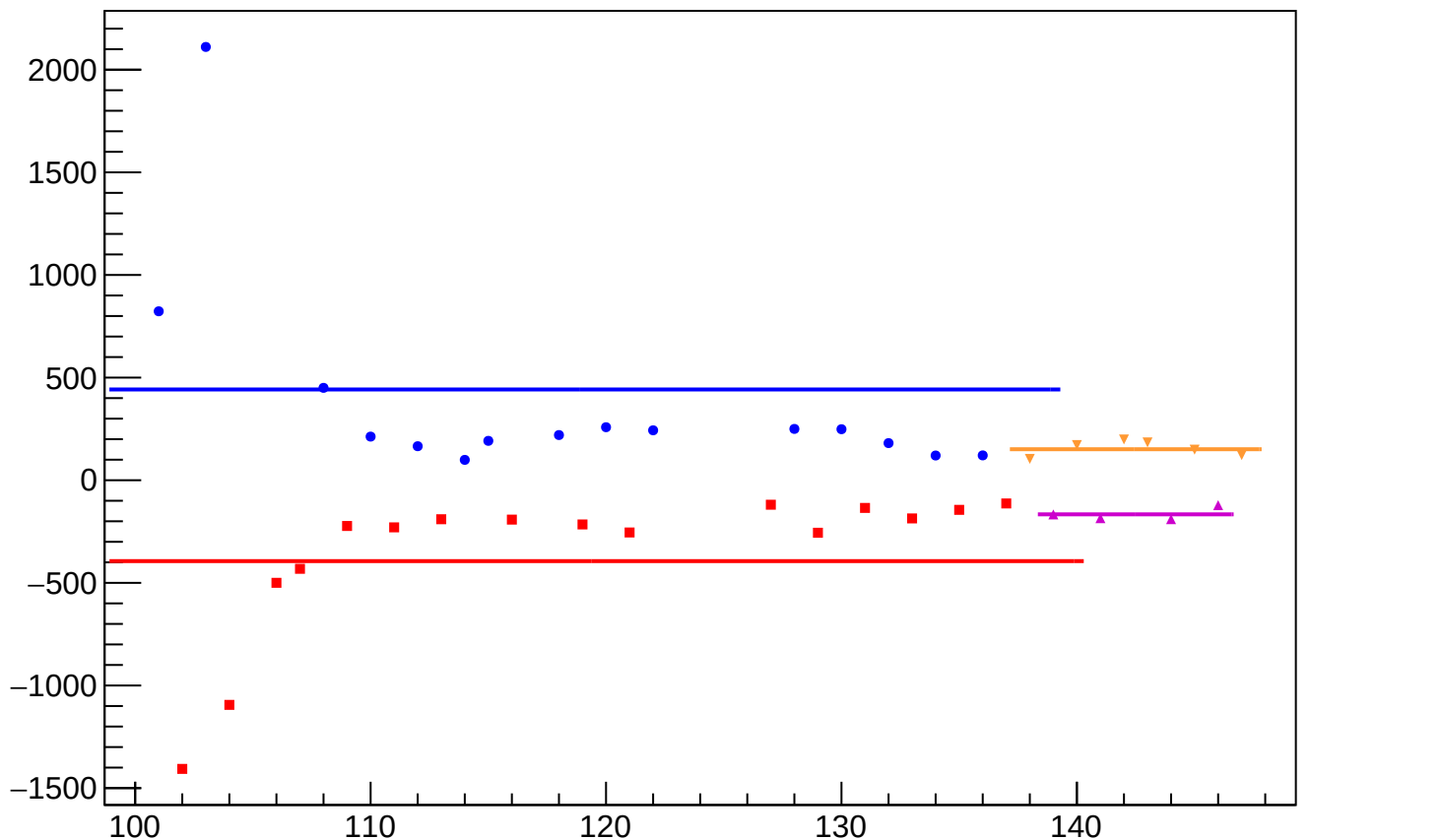
Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 996.419 +/- 0.000 χ^2/NDF : 27073838430939024272843575344995762176.0/4
 Right Out: -972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820 +/- 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3
 All: -0.917 +/- 0.000 χ^2/NDF : 2216648341432

dit_usr_coil6_mean vs Slug, Sign Corrected



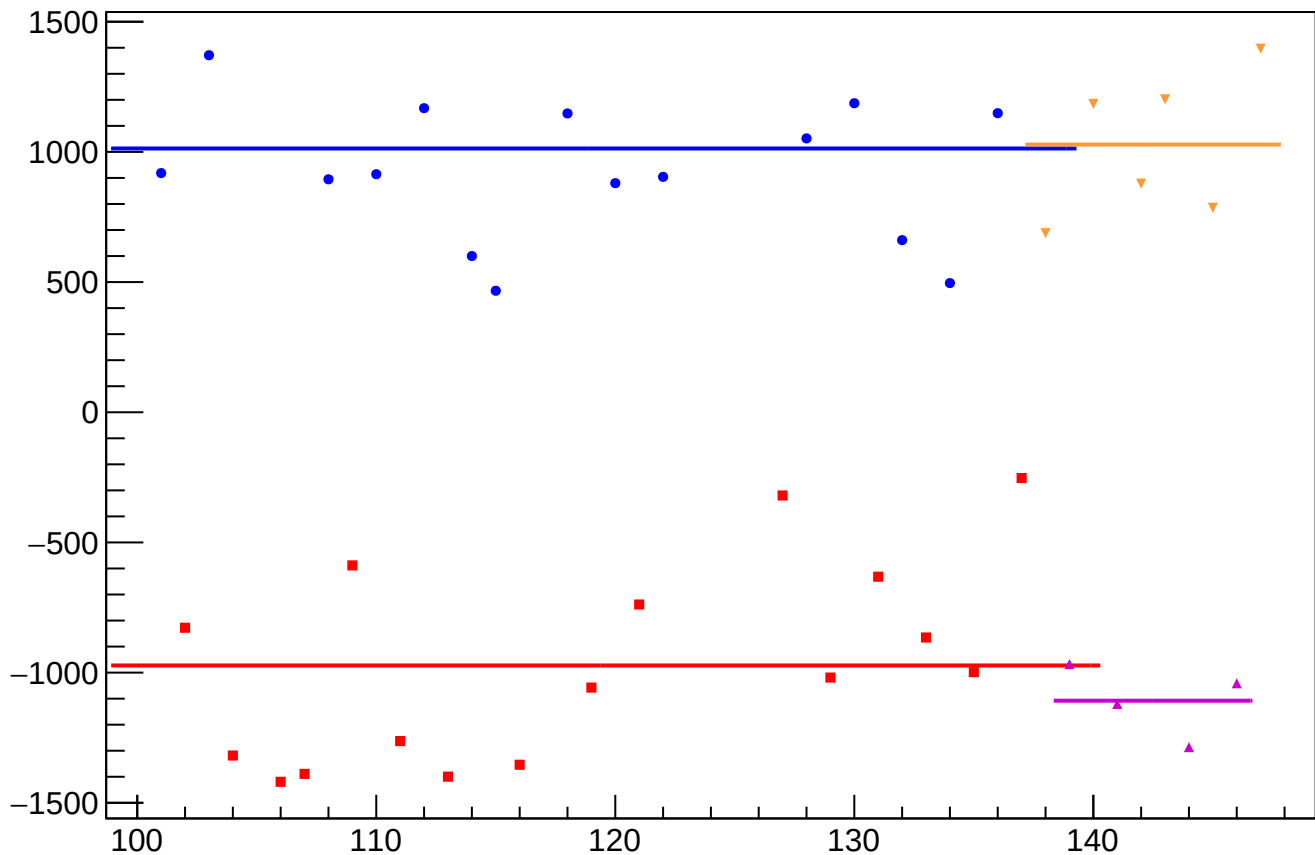
Left: -73.346 ± 0.000 $\chi^2/\text{NDF}: 2635922094368407$
 Right: -13.070 ± 0.000 $\chi^2/\text{NDF}: 116395703795034$
 In: -97.812 ± 0.000 $\chi^2/\text{NDF}: 63168815420350759$
 Out: 20.805 ± 0.000 $\chi^2/\text{NDF}: 79030971481275600$
 All: -35.320 ± 0.000 $\chi^2/\text{NDF}: 142931419174$

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162 +/- 0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14
 Left Out: 151.013 +/- 0.000 χ^2/NDF : 449789266902868699058182304995213312.0/5
 Right Out: -394.033 +/- 0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15
 Left In: -166.200 +/- 0.000 χ^2/NDF : 245376345862006496776737275005370368.0/3
 All: 15.918 +/- 0.000 χ^2/NDF : 5596975535611

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

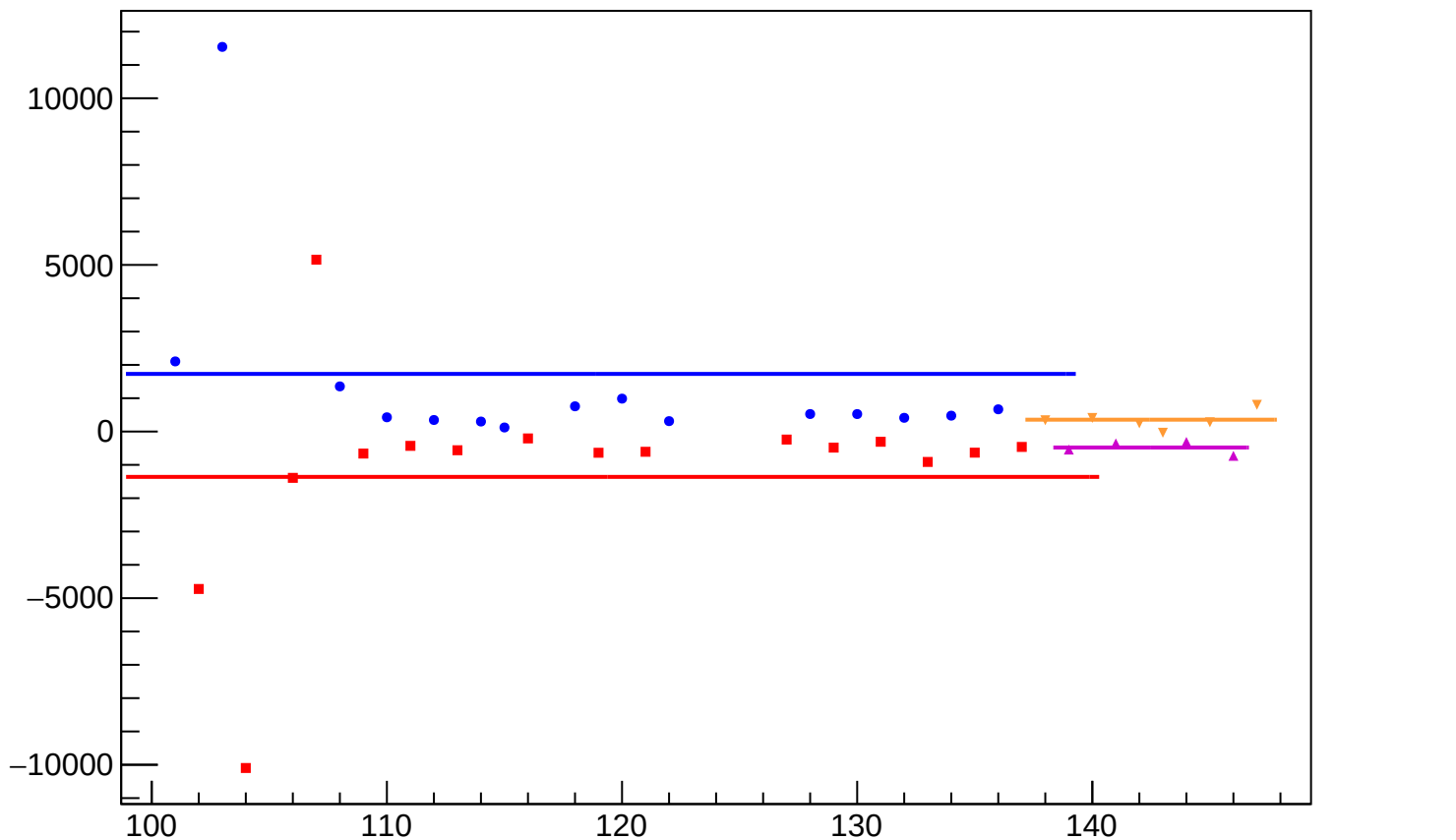
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

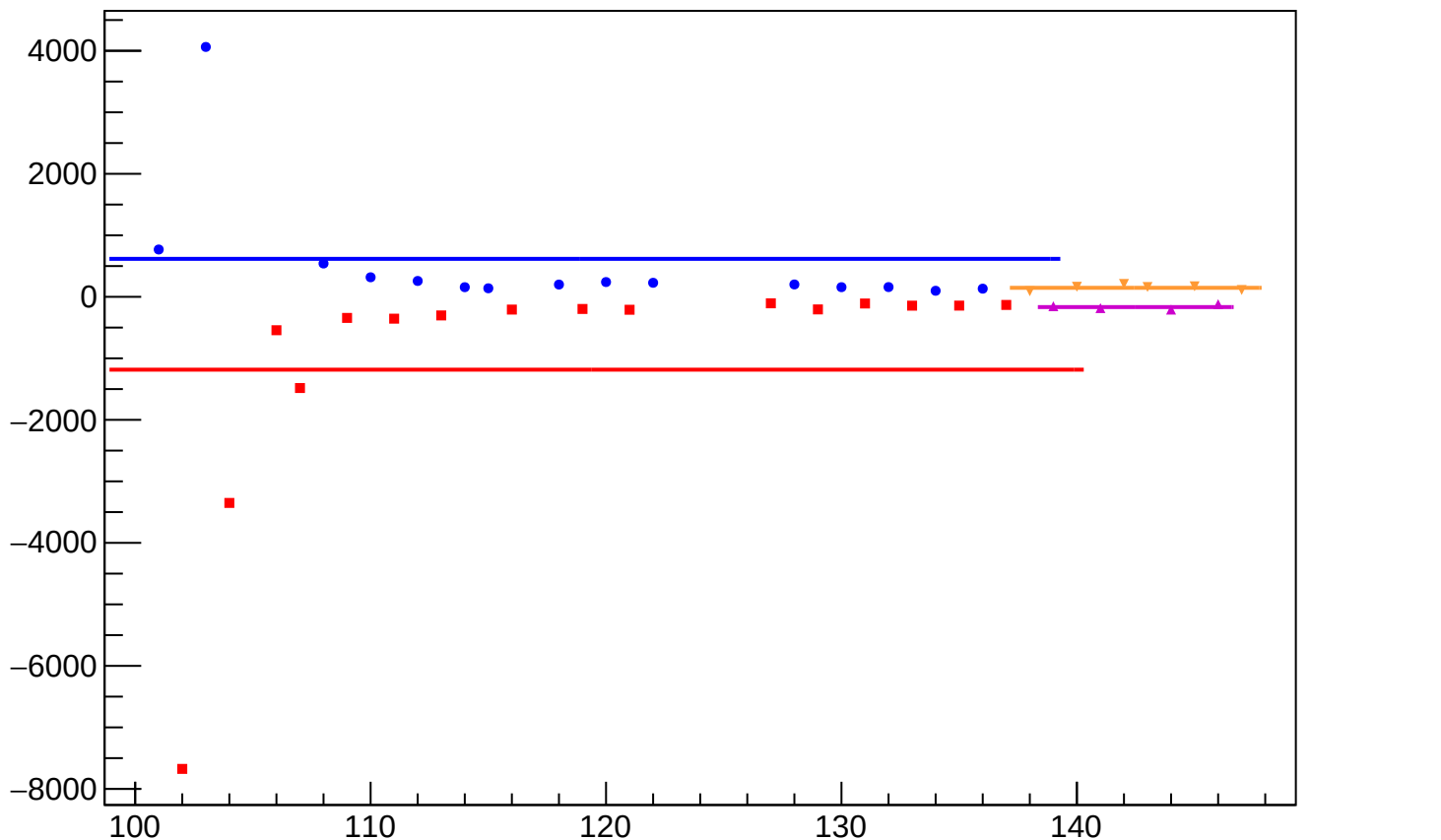
All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_atl1_coil6_mean vs Slug, Sign Corrected



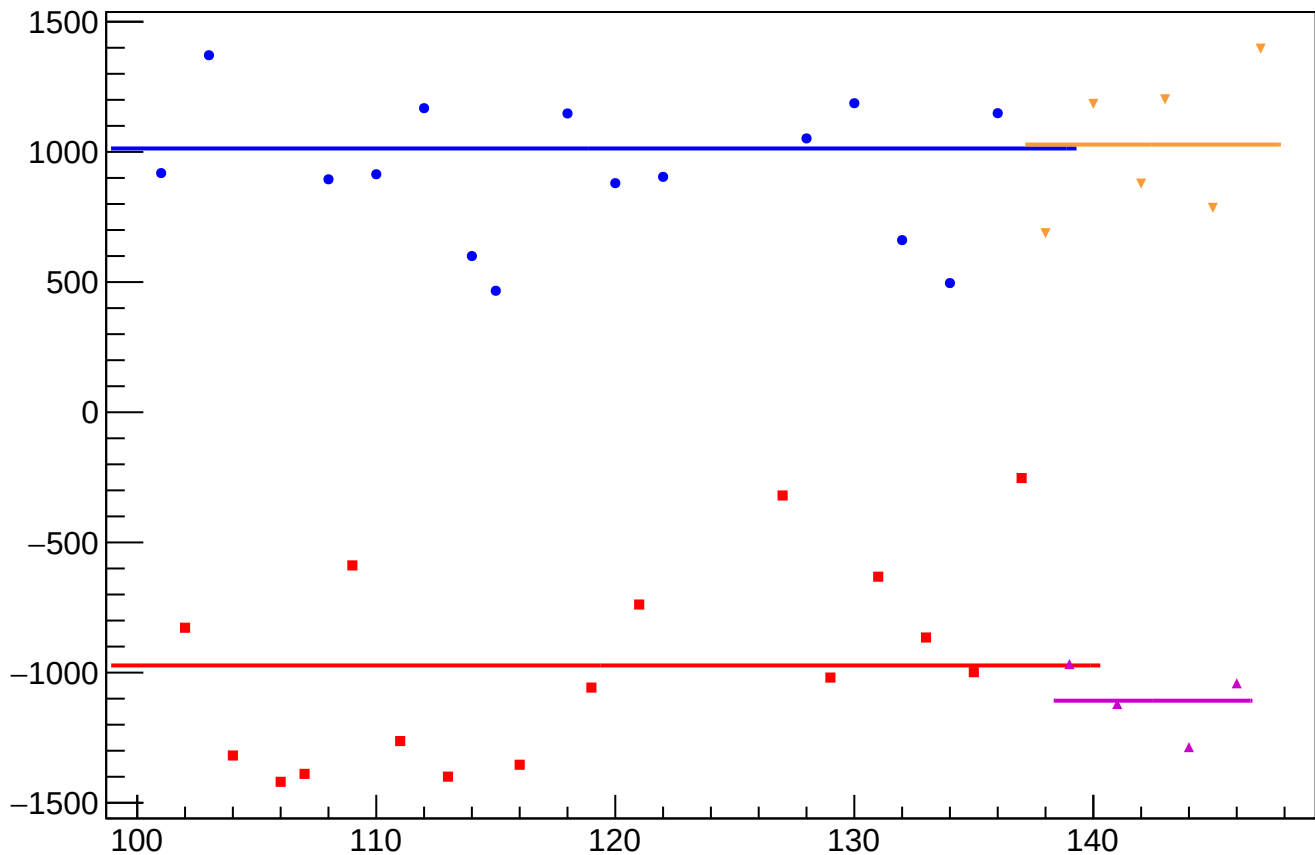
Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 355.676+/-0.000 χ^2/NDF : 27101054299374983701265545171126190080.0/5
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: -479.747+/-0.000 χ^2/NDF : 9294681209108435562414739323583725568.0/3
 All: 98.705+/-0.000 χ^2/NDF : 1616876185061

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Left: 9.055 +/- 0.000 χ^2/NDF : 195476675412349025
 Right In: 617.343 +/- 0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Right: -295.811 +/- 0.000 χ^2/NDF : 50275218393015
 Left Out: 146.407 +/- 0.000 χ^2/NDF : 607114793781453184238395112185397248.0/5
 In: 348.916 +/- 0.000 χ^2/NDF : 92929230399313990
 Right Out: -1184.322 +/- 0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Out: -661.232 +/- 0.000 χ^2/NDF : 363232212087893
 Left In: -166.497 +/- 0.000 χ^2/NDF : 373907251778732326090455768329355264.0/3
 All: -183.277 +/- 0.000 χ^2/NDF : 50922185005

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

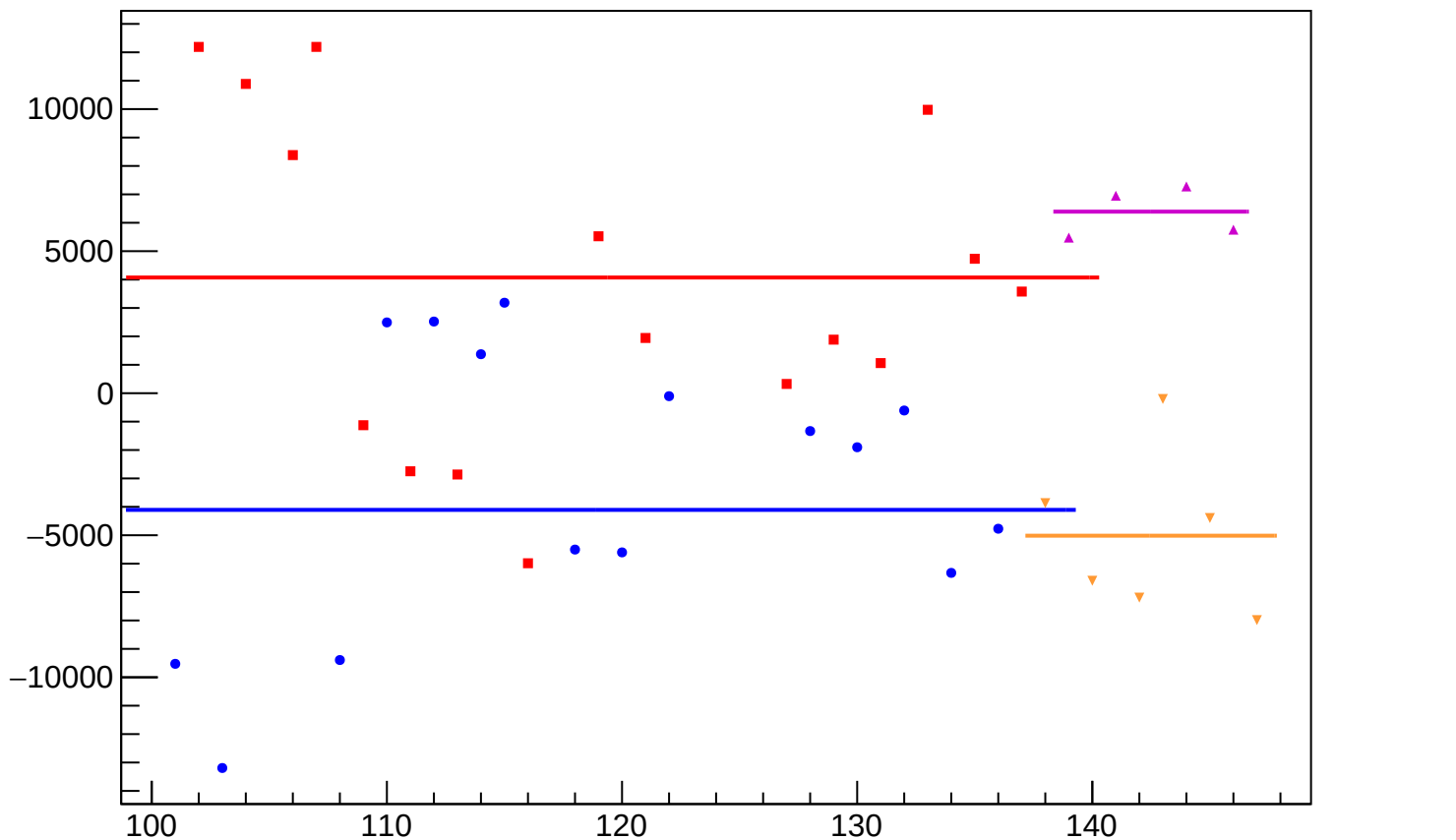
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443+/-0.000

Left Out: -5015.881+/-0.000

Right Out: 4072.120+/-0.000

Left In: 6391.044+/-0.000

χ^2/NDF : 14527436324982031454277780831211819630592.0/14

χ^2/NDF : 2799088311452720194265825835774069702656.0/5

χ^2/NDF : 20367171423690168095778854678764929941504.0/15

χ^2/NDF : 197758416531862153907848994700392398848.0/3

Left: -8.685+/-0.000 χ^2/NDF : 27671263543694693

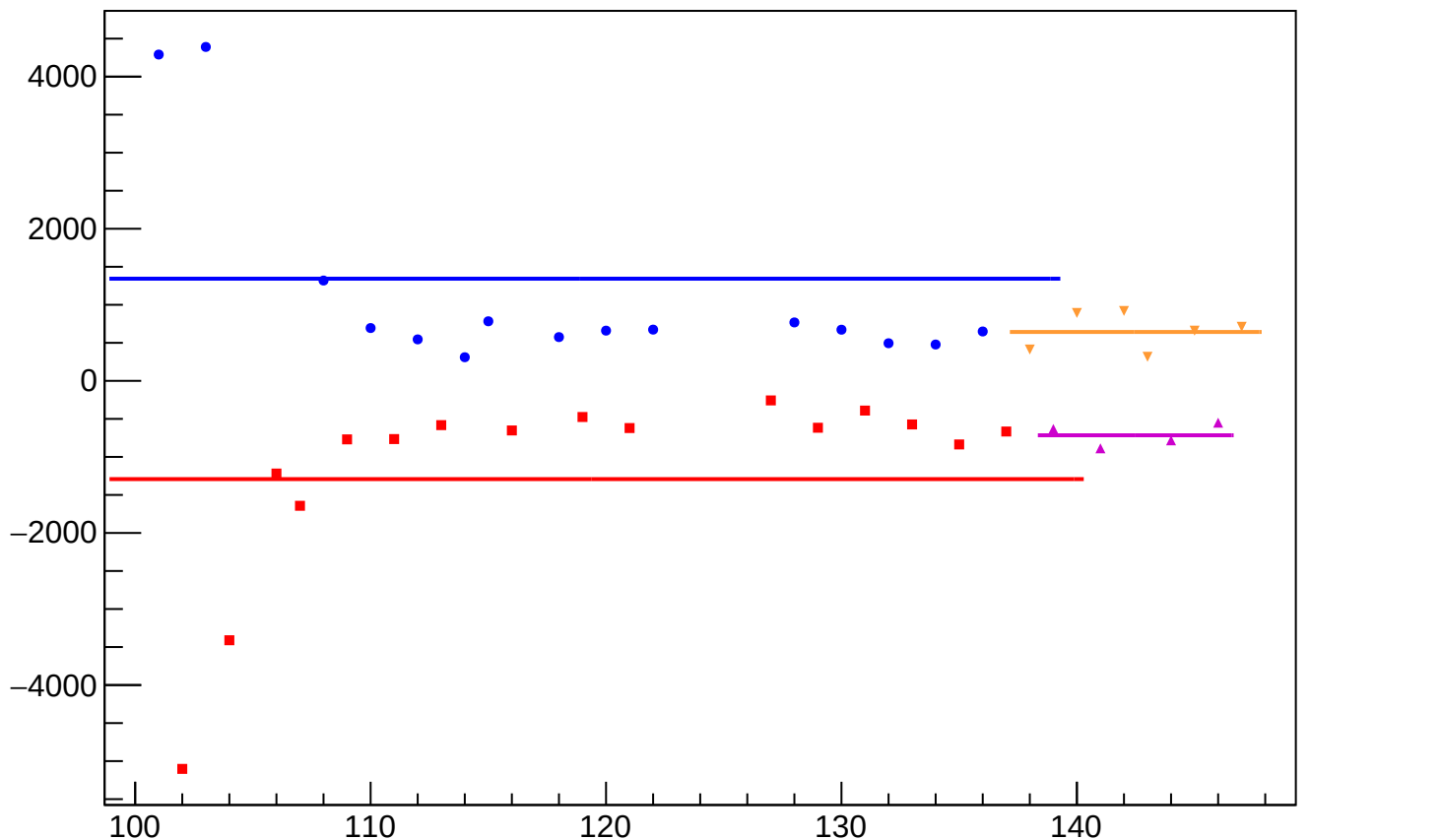
Right: 38.278+/-0.000 χ^2/NDF : 5690231407009786

In: -512.216+/-0.000 χ^2/NDF : 3922133728312868

Out: 499.766+/-0.000 χ^2/NDF : 4482077850619082

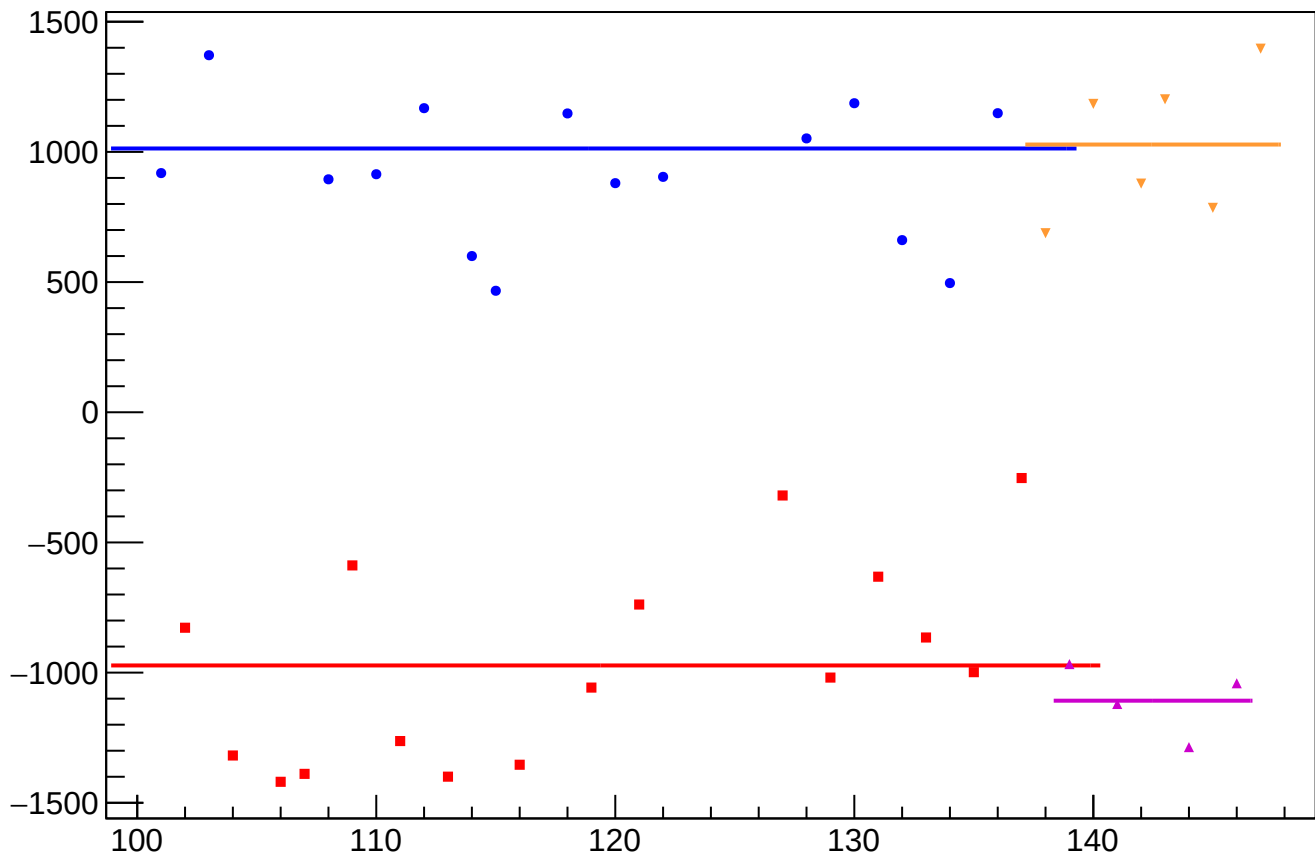
All: 20.942+/-0.000 χ^2/NDF : 8457464897256

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Left: 46.586+/-0.000 χ^2/NDF : 37604504393645403
 Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Right: 7.741+/-0.000 χ^2/NDF : 49251444178656230
 Left Out: 642.957+/-0.000 χ^2/NDF : 20298661725456152109492052921746980864.0/5
 In: 638.226+/-0.000 χ^2/NDF : 22654006688942299
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Out: -531.275+/-0.000 χ^2/NDF : 232530609828765
 Left In: -715.640+/-0.000 χ^2/NDF : 5727741452194447409861220086040231936.0/3
 All: 22.080+/-0.000 χ^2/NDF : 5301922448806

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

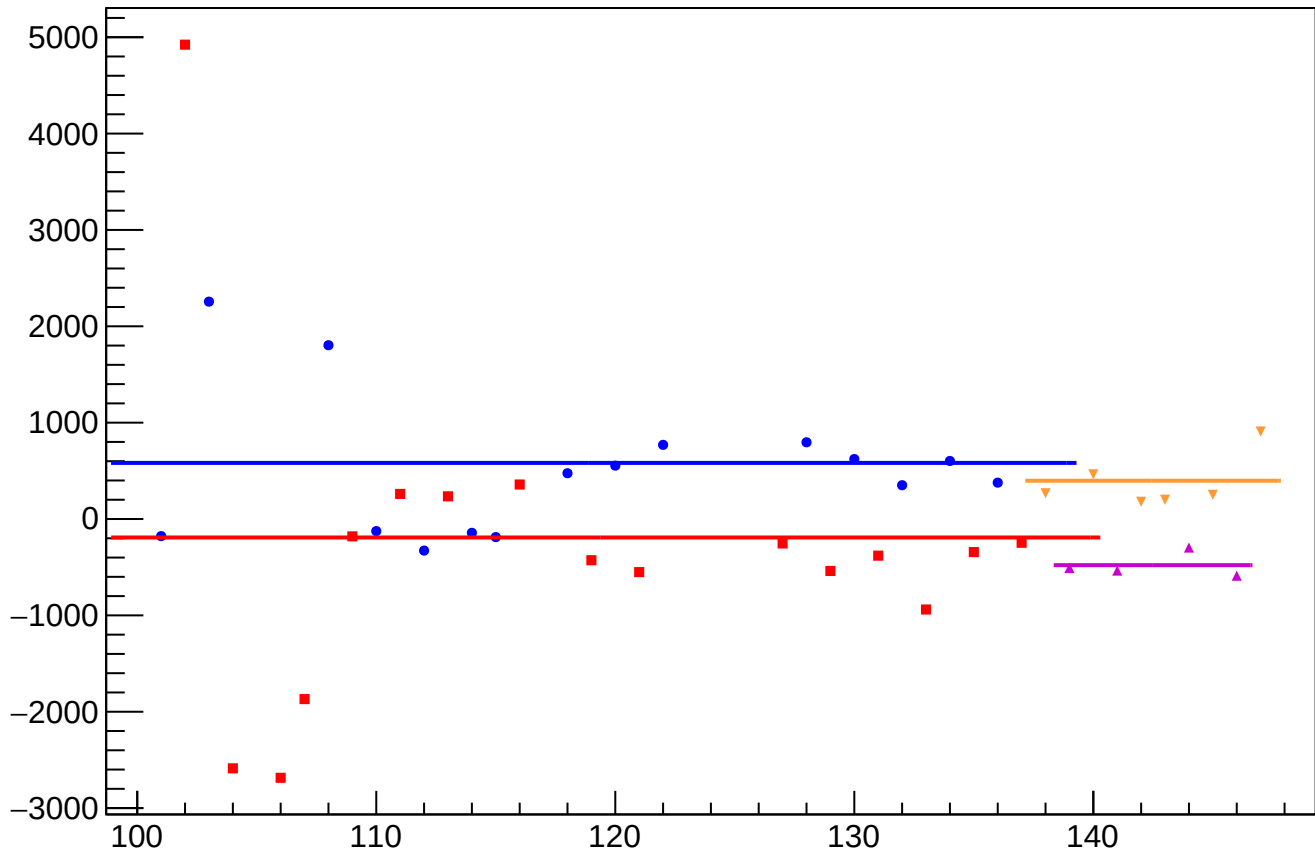
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 582.390+/-0.000

χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 397.570+/-0.000

χ^2/NDF : 28552982084254485291659318052717068288.0/5

Right Out: -191.587+/-0.000

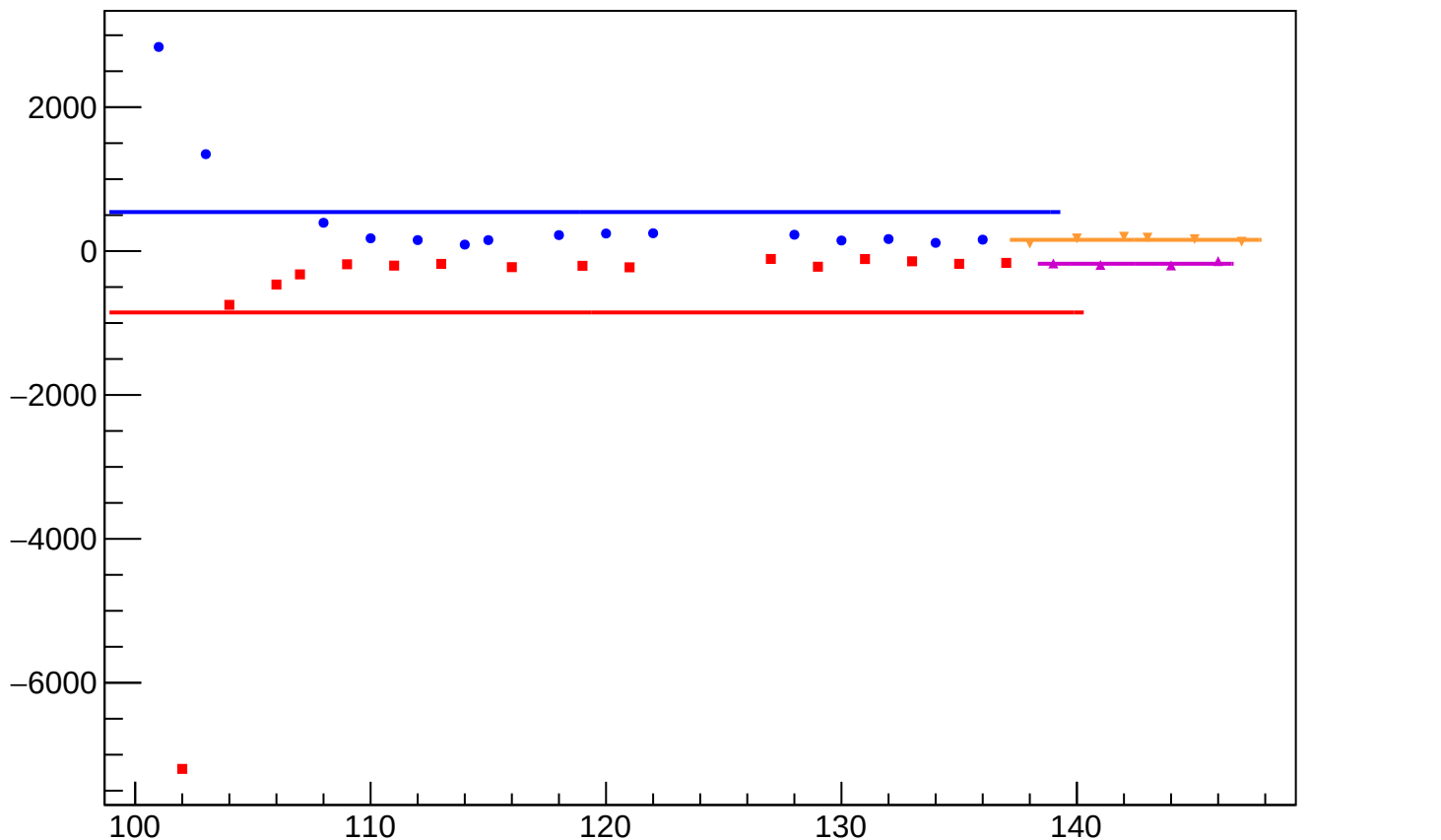
χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: -478.793+/-0.000

χ^2/NDF : 4303684833591441735942886846269227008.0/3

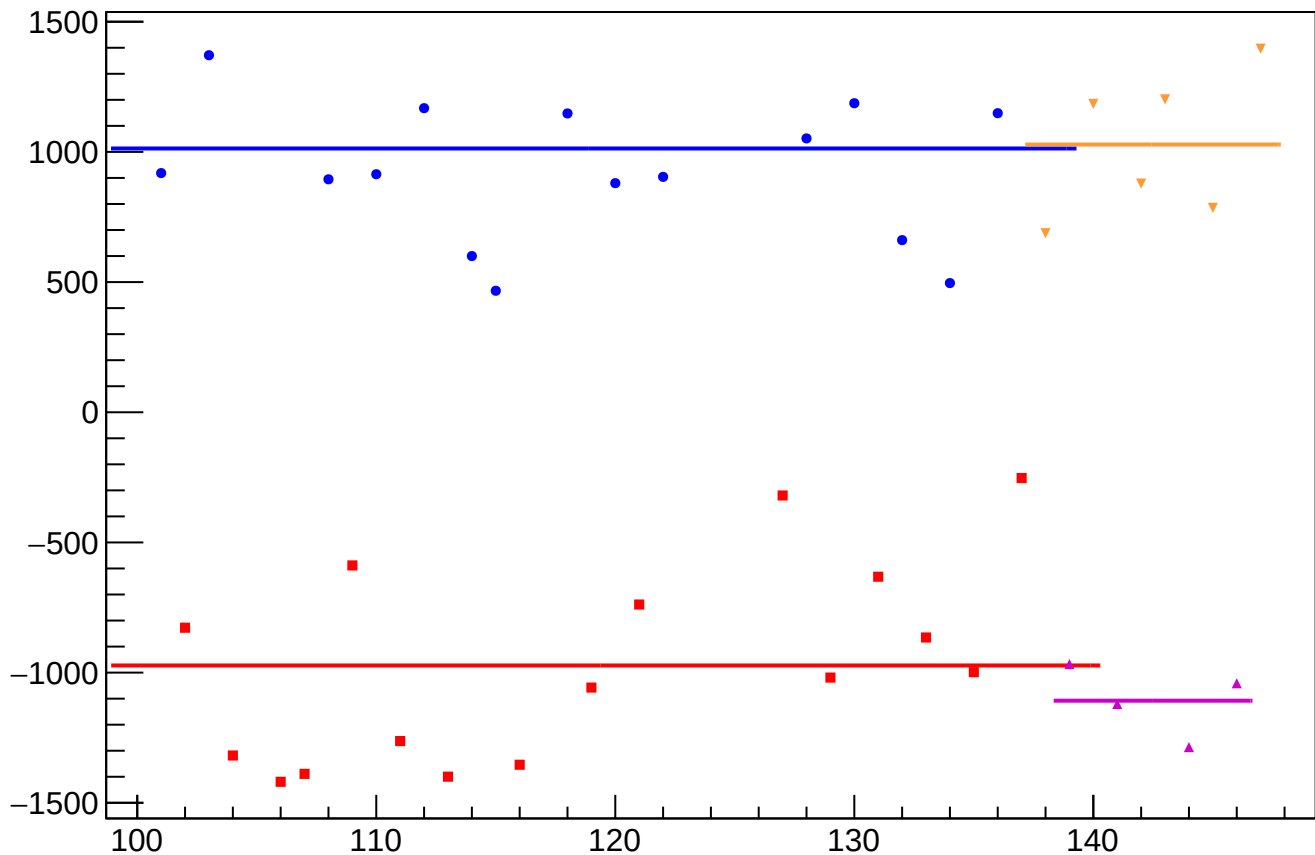
All: 124.689+/-0.000 χ^2/NDF : 289835966083

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 156.226+/-0.000 χ^2/NDF : 457340224987088047374620731367227392.0/5
 Right Out: -853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: -176.191+/-0.000 χ^2/NDF : 185796904267531295033464779572248576.0/3
 All: -100.278+/-0.000 χ^2/NDF : 36655883660

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

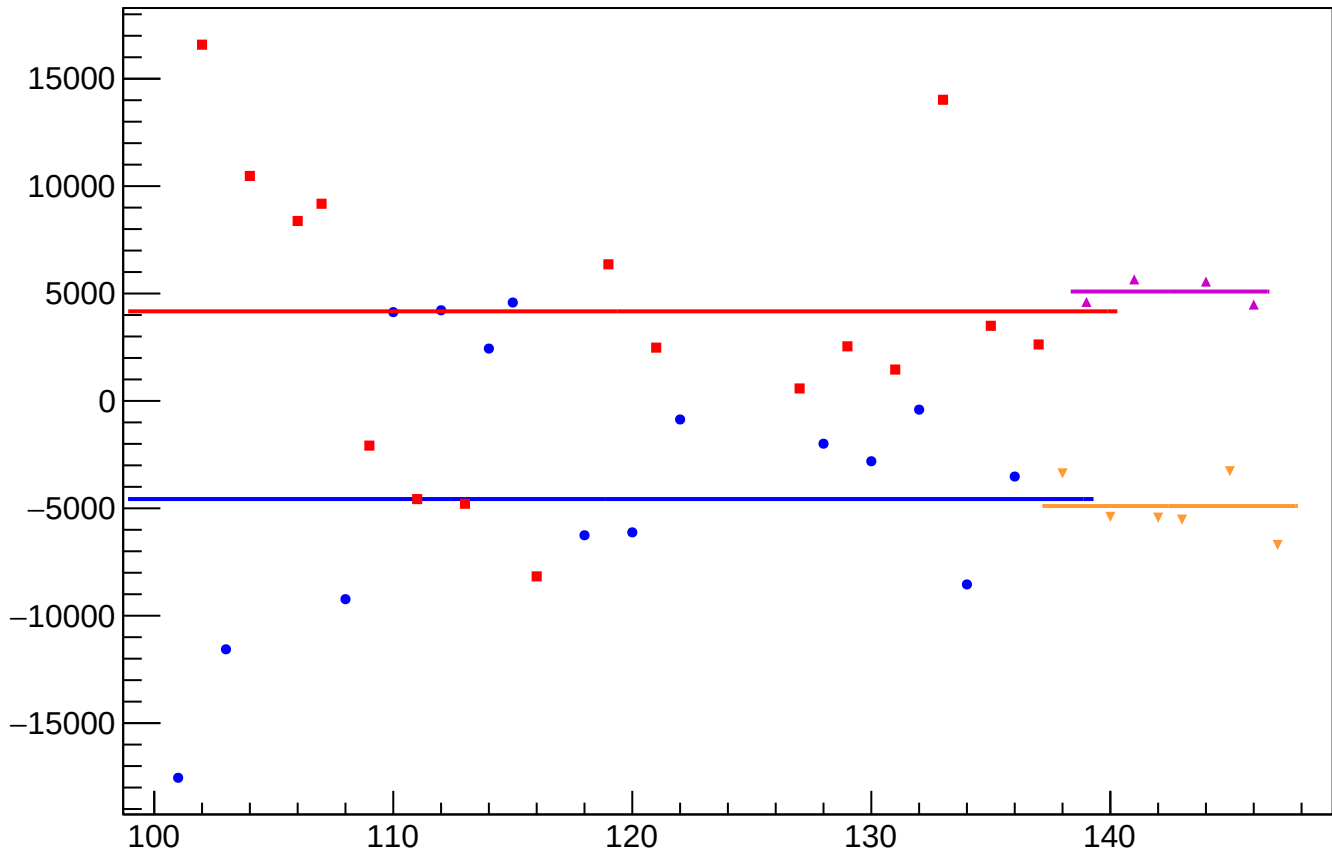
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749666

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297 +/- 0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

Left Out: -4893.484 +/- 0.000

χ^2/NDF : 710579309924592353018874417886403756032.0/5

Right Out: 4170.773 +/- 0.000

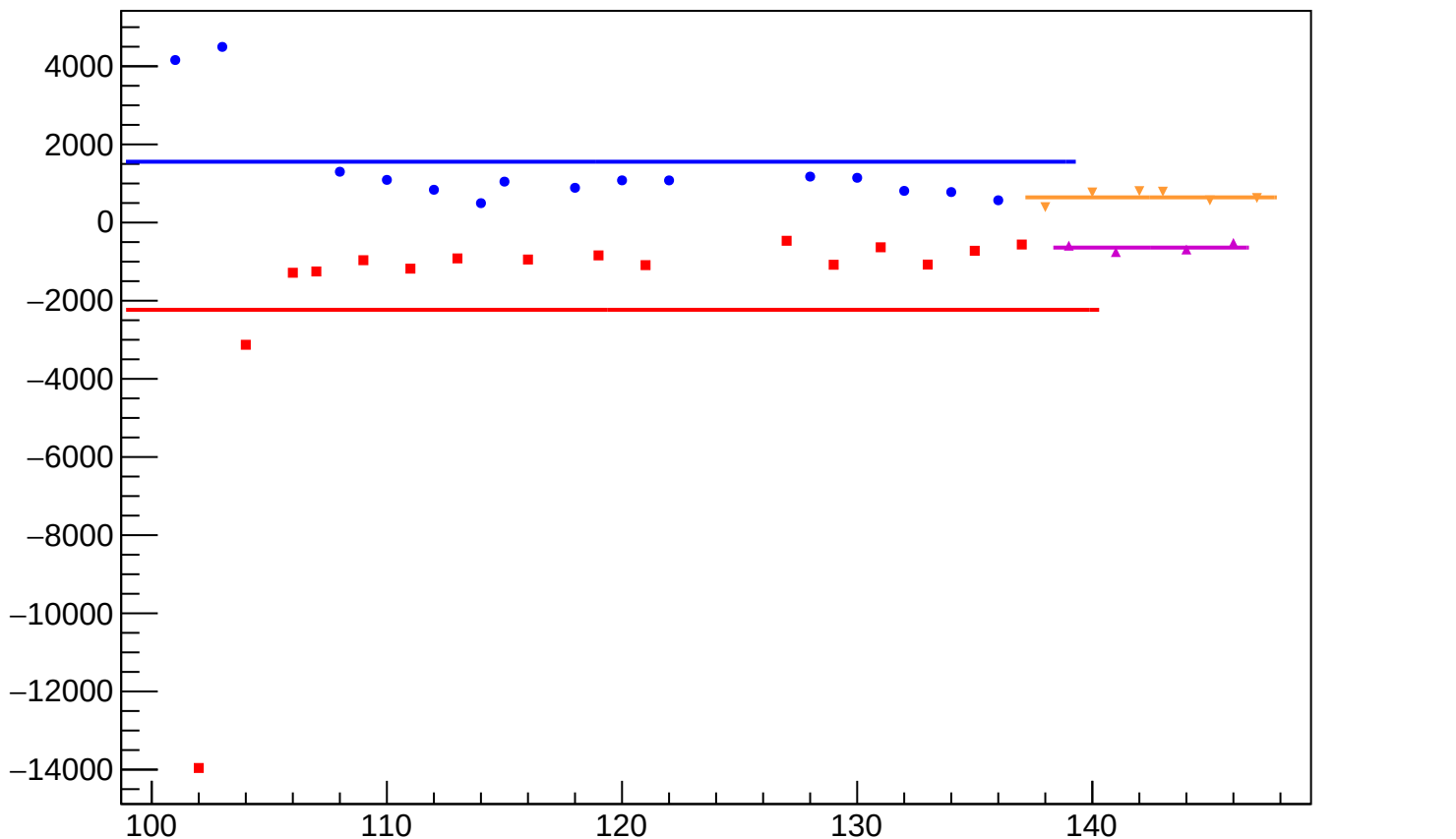
χ^2/NDF : 30967248832187912041113909559481103024128.0/15

Left In: 5092.736 +/- 0.000

χ^2/NDF : 95895769643187748710463806404523196416.0/3

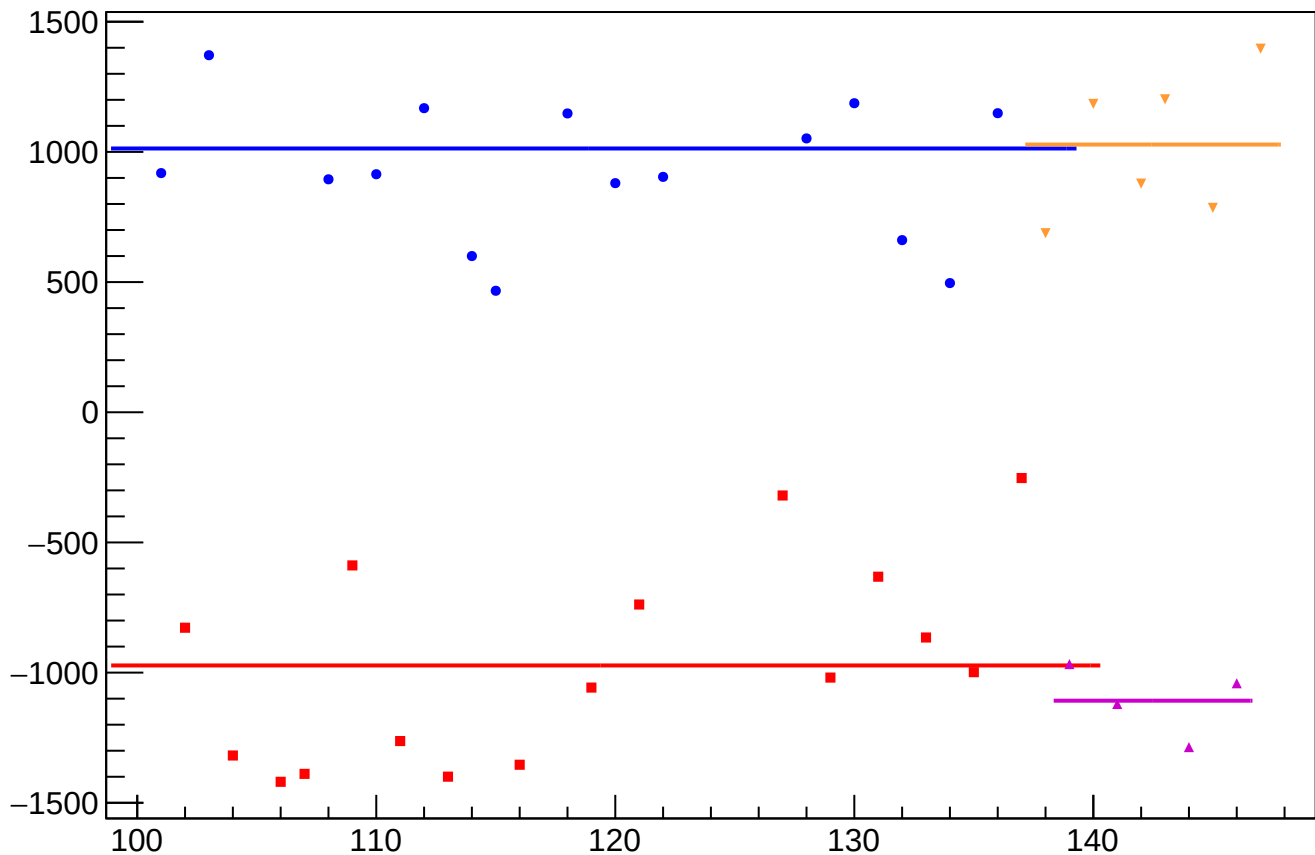
All: -275.915 +/- 0.000 χ^2/NDF : 10006797173

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Left: 80.530+/-0.000 χ^2/NDF : 3253085368819745
 Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Right: -363.793+/-0.000 χ^2/NDF : 14852877470384
 Left Out: 644.736+/-0.000 χ^2/NDF : 9323301541080359247073125883201978368.0/5
 In: 804.277+/-0.000 χ^2/NDF : 22151734375611617
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Out: -1101.515+/-0.000 χ^2/NDF : 11170264605507
 Left In: -640.585+/-0.000 χ^2/NDF : 2705255887095543534559851904541655040.0/3
 All: -199.781+/-0.000 χ^2/NDF : 15274088665

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

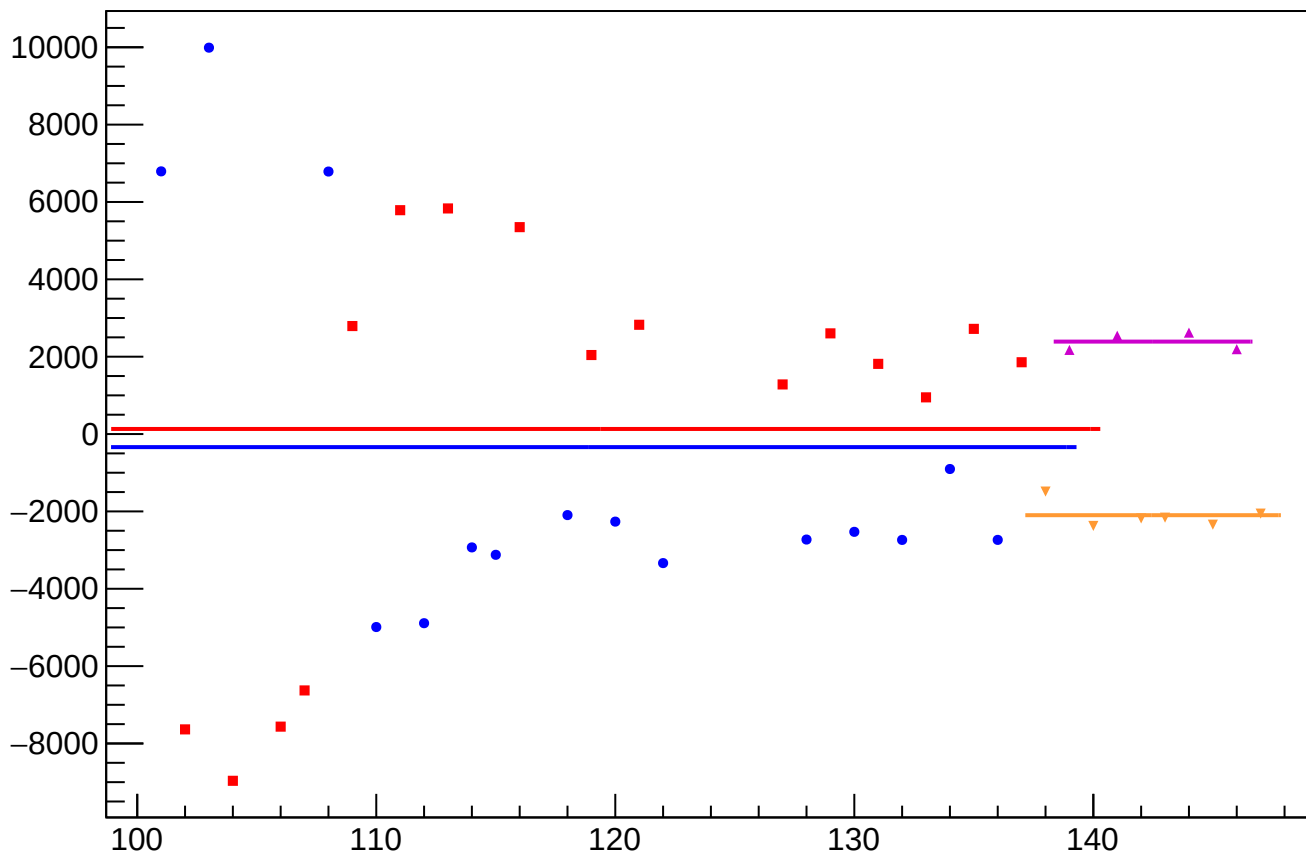
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865+/-0.000

χ^2/NDF : 15152515933007079891661097940762081886208.0/14

Left Out: -2097.814+/-0.000

χ^2/NDF : 40991426880364730659560636616814886912.0/5

Right Out: 131.545+/-0.000

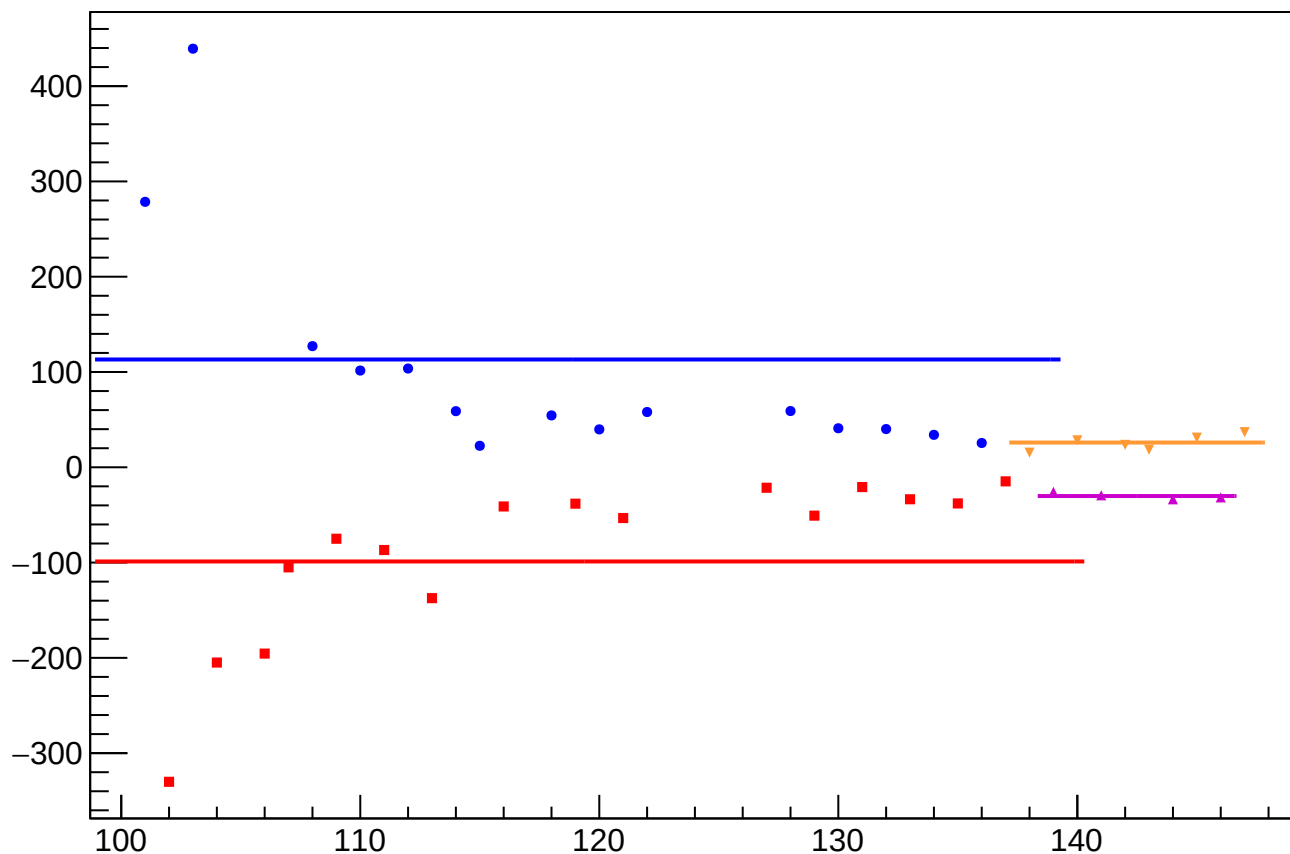
χ^2/NDF : 16473217651078877976377424419956902068224.0/15

Left In: 2390.146+/-0.000

χ^2/NDF : 13686229281591495464136271472046899200.0/3

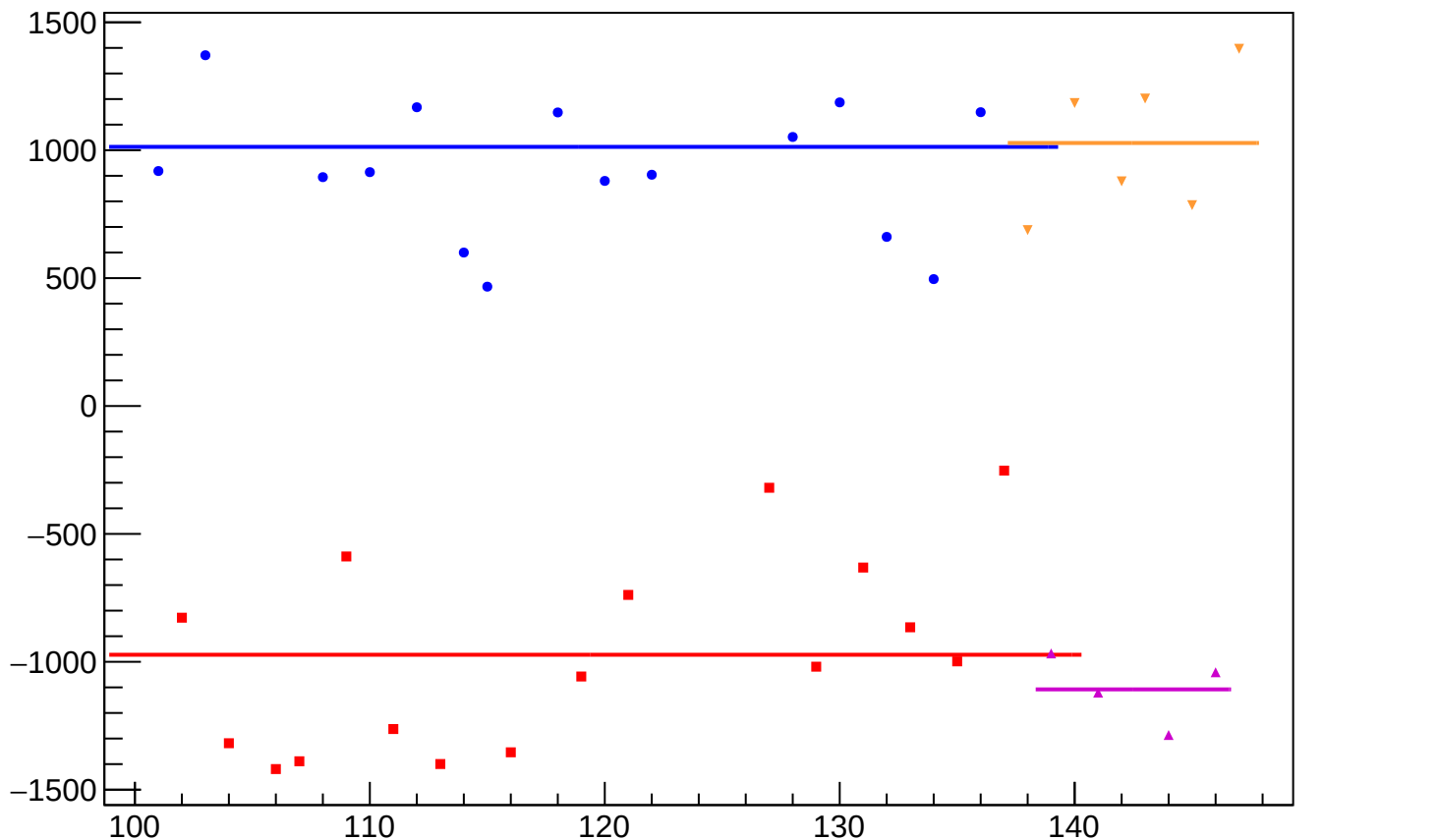
All: -110.220+/-0.000 χ^2/NDF : 35572777613

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 113.134 +/- 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.965 +/- 0.000 χ^2/NDF : 24669374086321531088855208430665728.0/5
 Right Out: -98.833 +/- 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: -30.174 +/- 0.000 χ^2/NDF : 2807025076342053877628483613491200.0/3
 All: 4.084 +/- 0.000 χ^2/NDF : 30913600134607

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

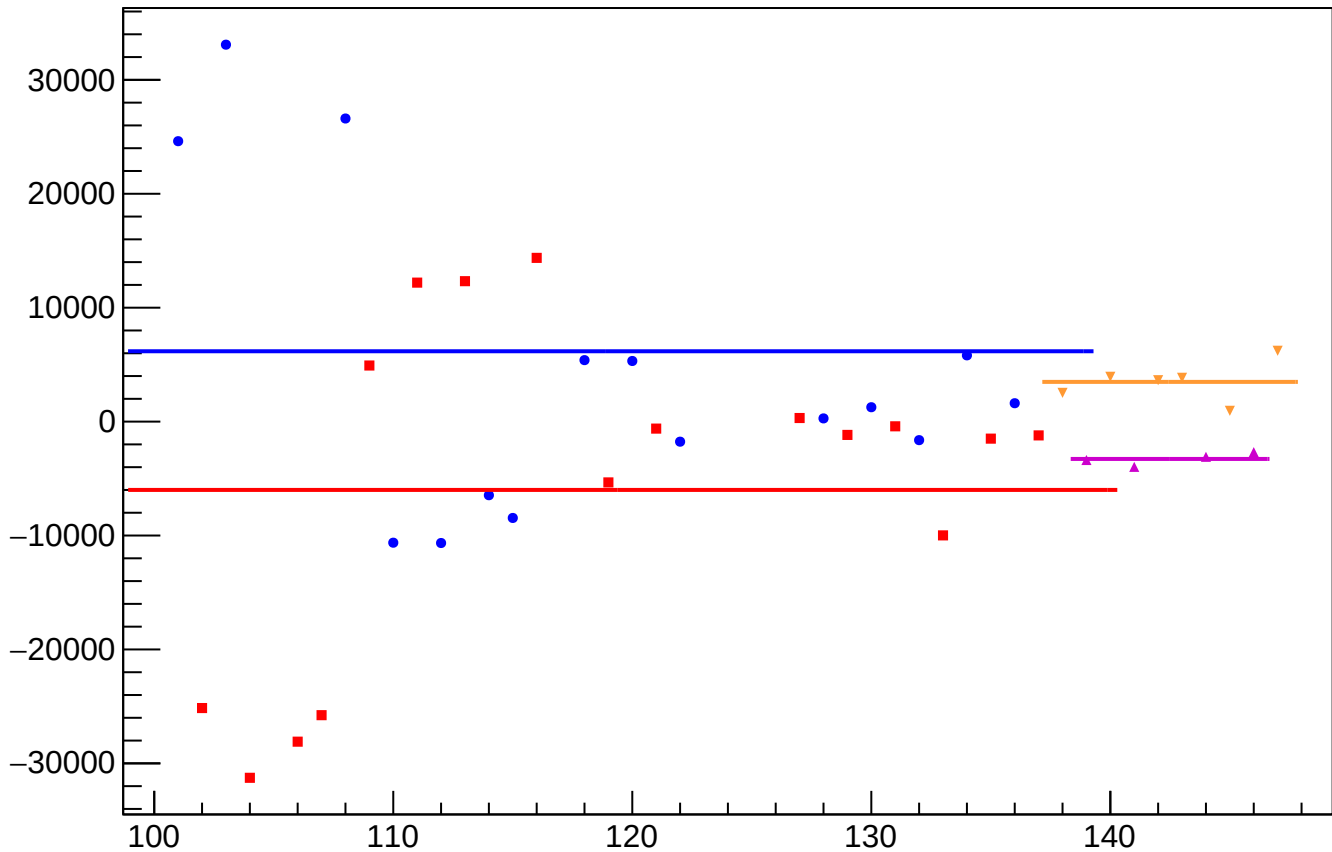
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 6175.493+/-0.000

Left: 517.889+/-0.000 χ^2/NDF : 9954780142750230

Left Out: 3487.257+/-0.000

Right: 6.138+/-0.000 χ^2/NDF : 30305507427747676

Right Out: -5996.727+/-0.000

In: 2938.373+/-0.000 χ^2/NDF : 1371944967907105

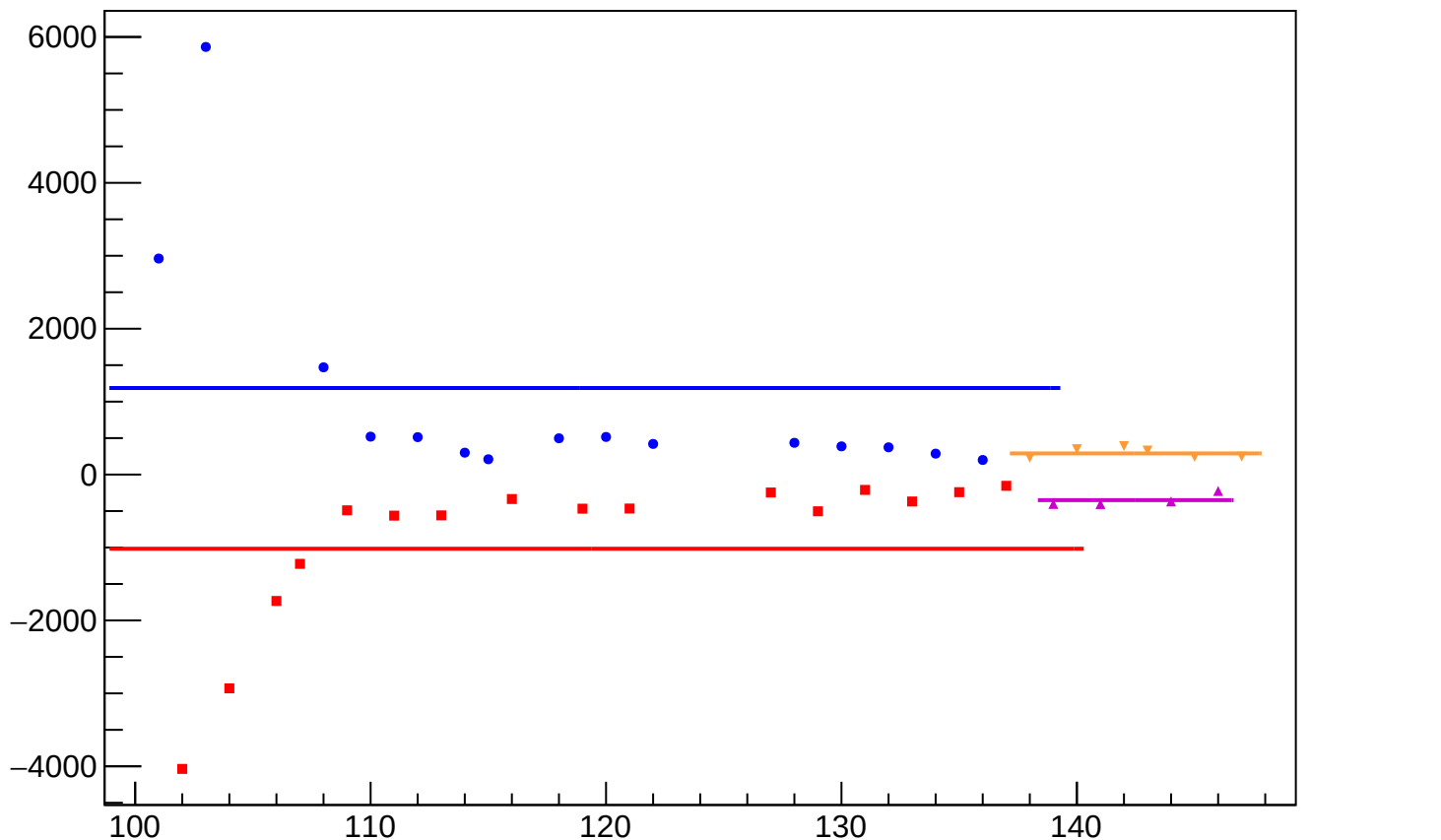
Left In: -3277.279+/-0.000

Out: -2268.719+/-0.000 χ^2/NDF : 16184348615368

Left In: -3277.279+/-0.000

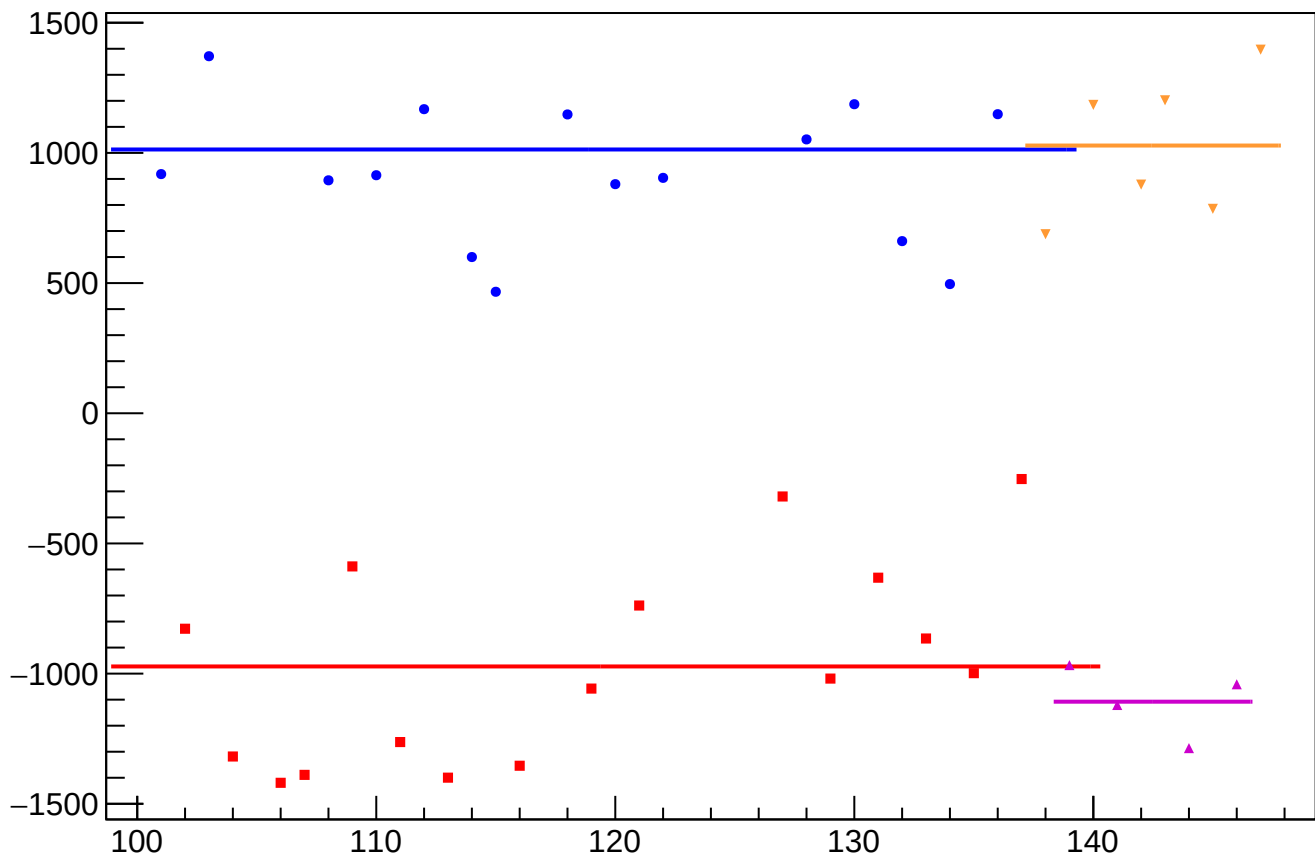
All: 195.040+/-0.000 χ^2/NDF : 313137072508

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 289.975+/-0.000 χ^2/NDF : 1454288532005790954442949644915834880.0/5
 Right Out: -1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: -350.409+/-0.000 χ^2/NDF : 1808667948726205366102386853271306240.0/3
 All: 47.428+/-0.000 χ^2/NDF : 4404196985612

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

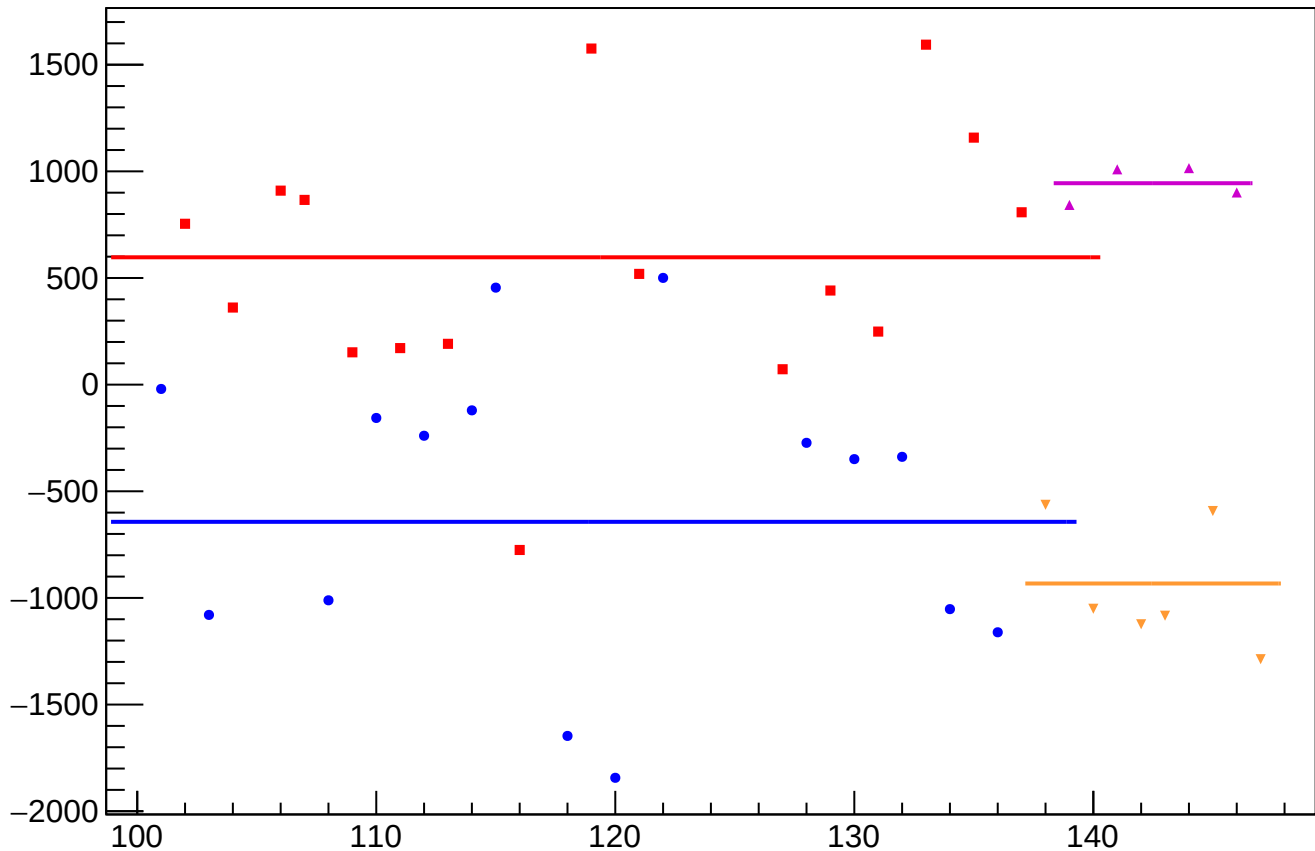
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -932.382+/-0.000

χ^2/NDF : 34154270807774830691386968598089039872.0/5

Right Out: 597.043+/-0.000

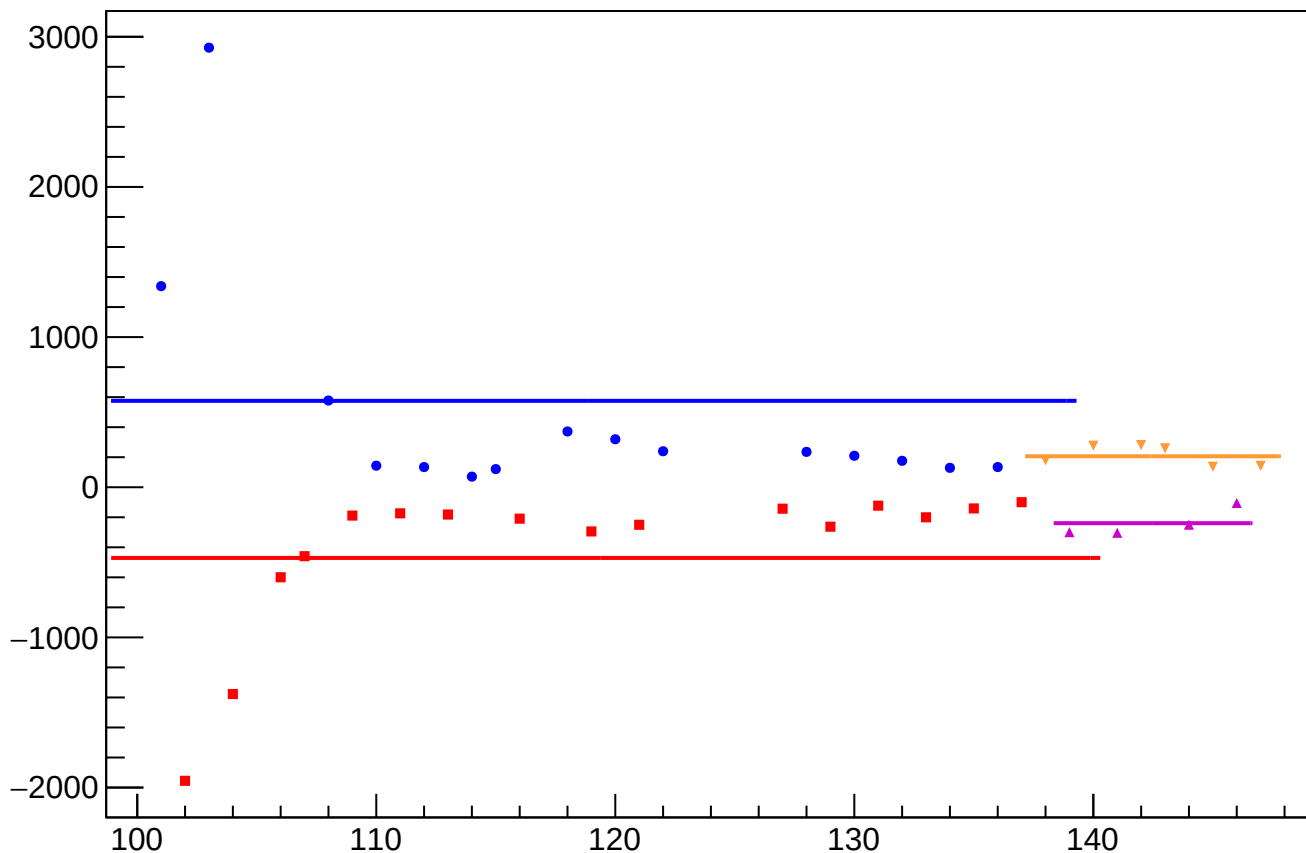
χ^2/NDF : 210733370798031449363504004319005376512.0/15

Left In: 944.363+/-0.000

χ^2/NDF : 1801900396873795828992291653302616064.0/3

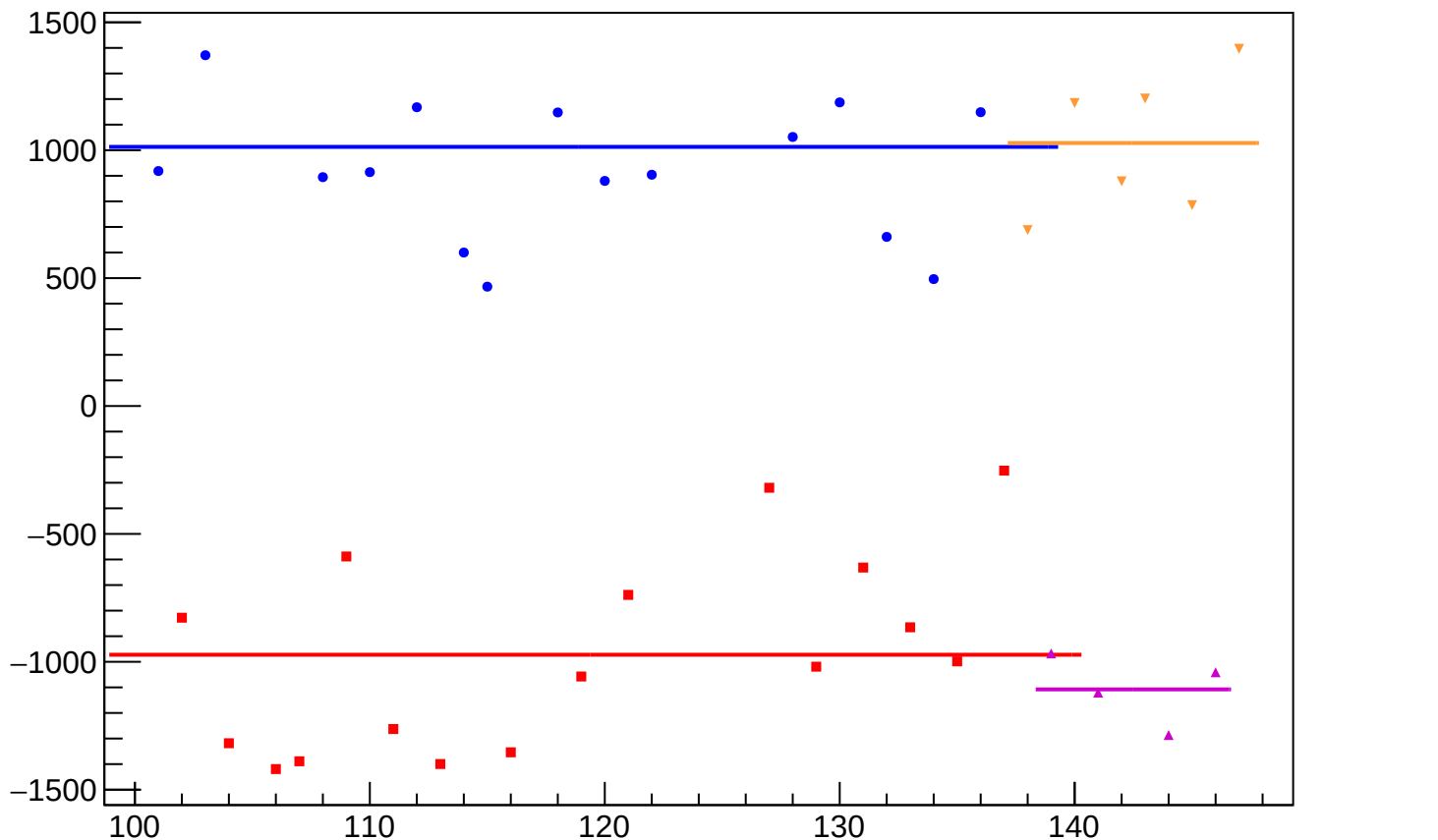
All: -49.288+/-0.000 χ^2/NDF : 169760651564

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 206.186 +/- 0.000 χ^2/NDF : 1625267866141793455601311972677648384.0/5
 Right Out: -470.716 +/- 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Left In: -239.259 +/- 0.000 χ^2/NDF : 214933291892552220502873052658270208.0/3
 All: 32.479 +/- 0.000 χ^2/NDF : 1044036772473

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

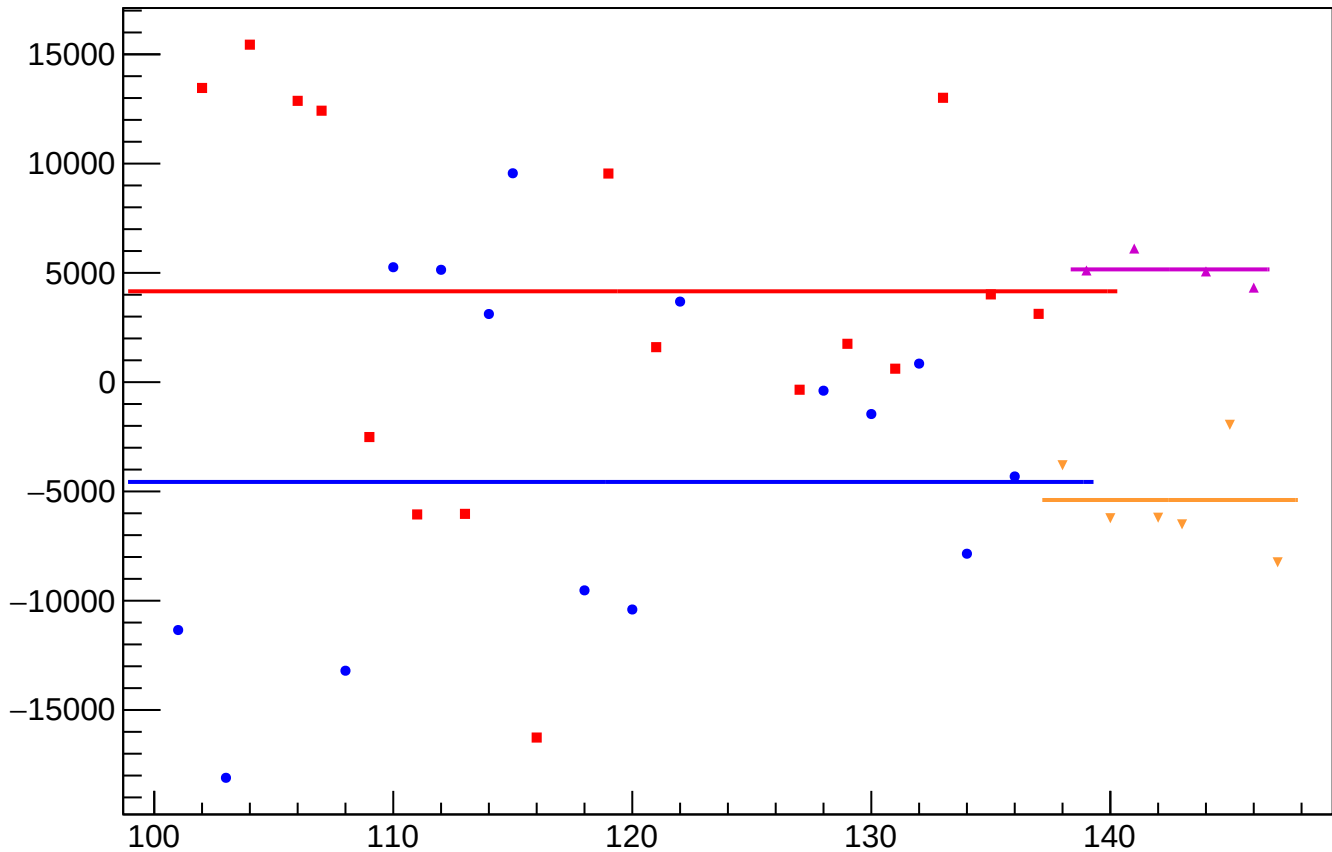
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412 $\pm$ 0.000

Left Out: -5391.831 $\pm$ 0.000

Right Out: 4156.859 $\pm$ 0.000

Left In: 5159.213 $\pm$ 0.000

χ^2 /NDF: 35667768247432289984899042725155487875072.0/14

χ^2 /NDF: 1961113491053307854710499434268656140288.0/5

χ^2 /NDF: 45539455441659927157708443099930682195968.0/15

χ^2 /NDF: 136101942786261150950951568702236000256.0/3

Left: -760.334 $\pm$ 0.000 χ^2 /NDF: 232078159871477

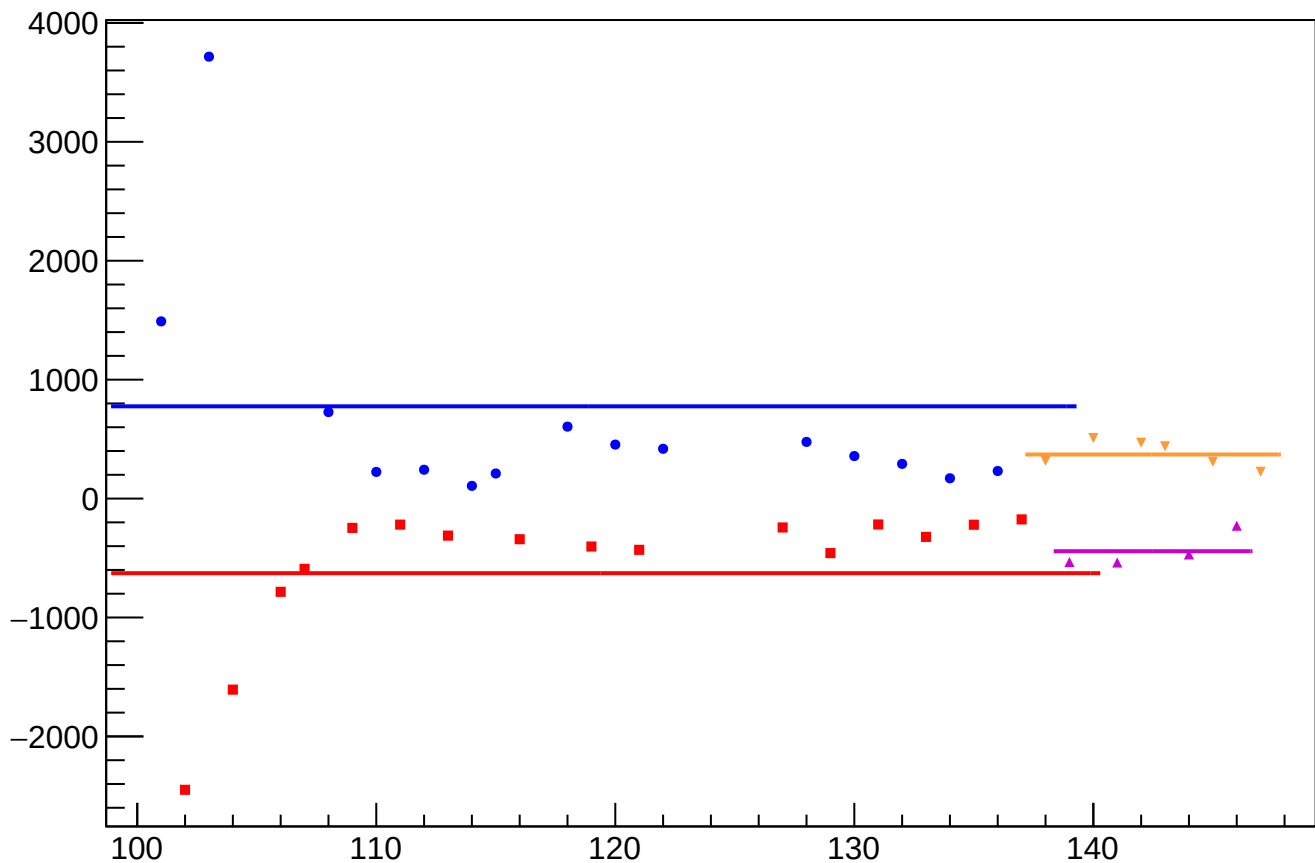
Right: -144.626 $\pm$ 0.000 χ^2 /NDF: 10623220696347

In: -1235.196 $\pm$ 0.000 χ^2 /NDF: 568218004649453

Out: 403.415 $\pm$ 0.000 χ^2 /NDF: 7140616080143533

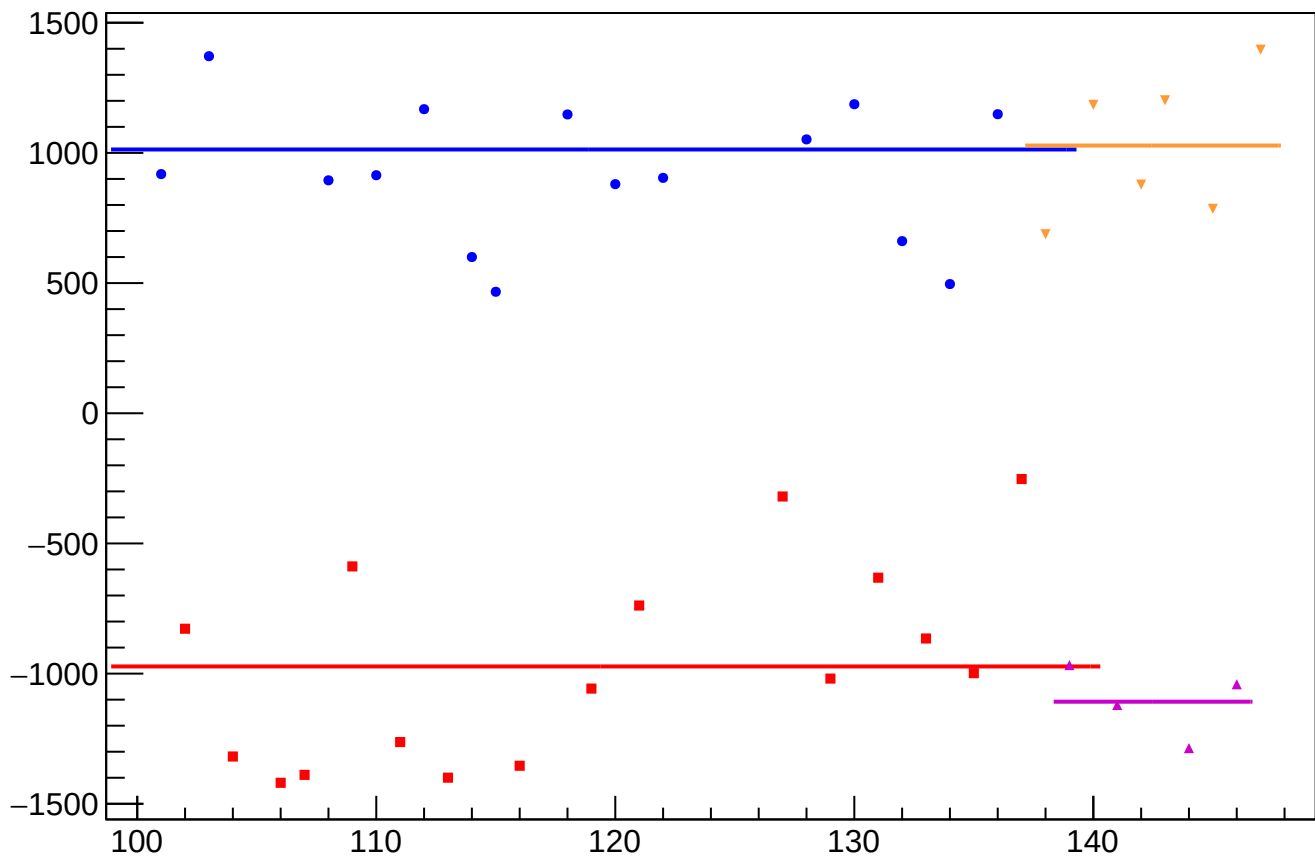
All: -371.901 $\pm$ 0.000 χ^2 /NDF: 12962417745

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Left: 13.774 +/- 0.000 χ^2/NDF : 13529826088465229
 Right: 64.659 +/- 0.000 χ^2/NDF : 1586988053007642
 In: 358.576 +/- 0.000 χ^2/NDF : 97711542822656577
 Out: -234.956 +/- 0.000 χ^2/NDF : 563244327664842
 All: 45.876 +/- 0.000 χ^2/NDF : 1723544095793

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

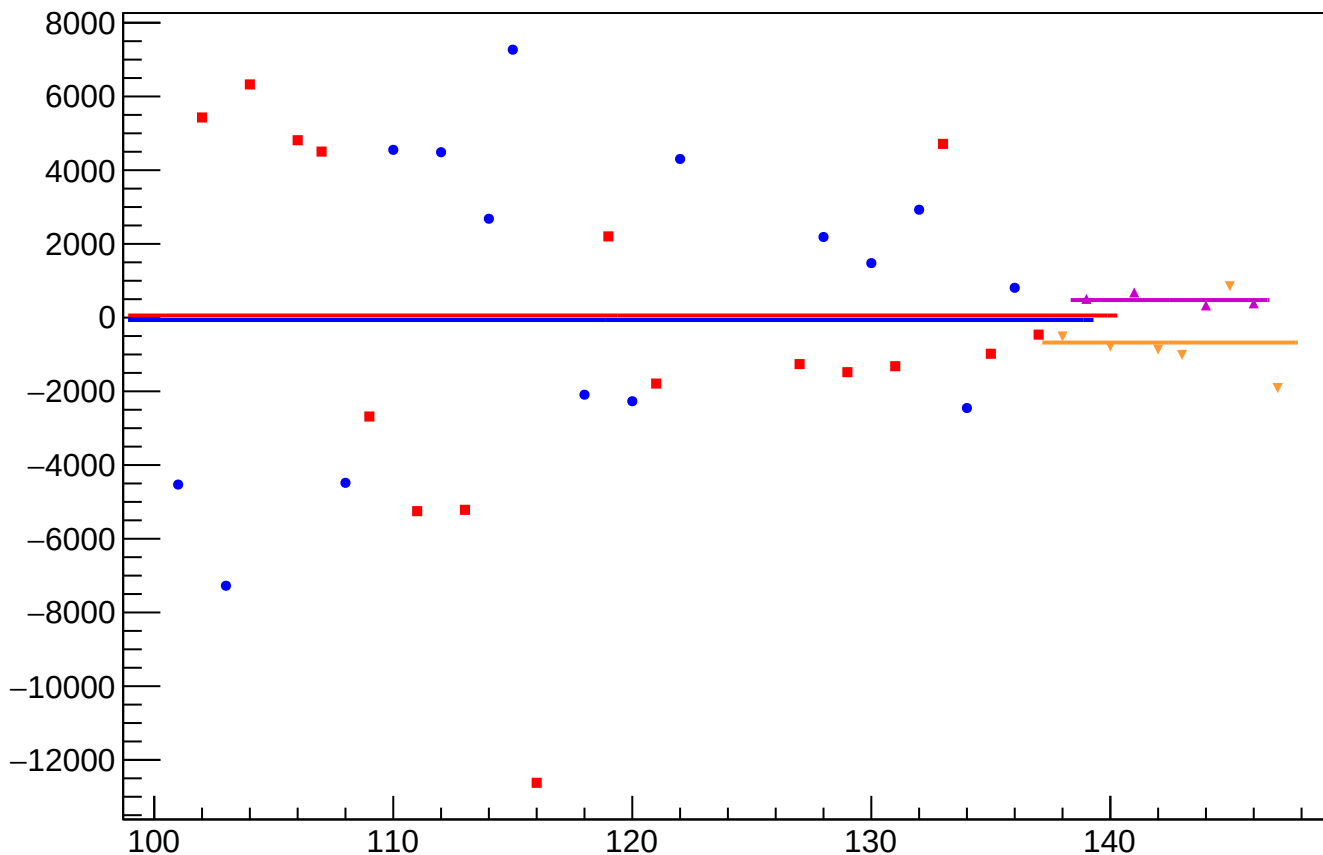
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751+/-0.000

χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -676.113+/-0.000

χ^2/NDF : 320258951023352918248522466946975793152.0/5

Right Out: 57.229+/-0.000

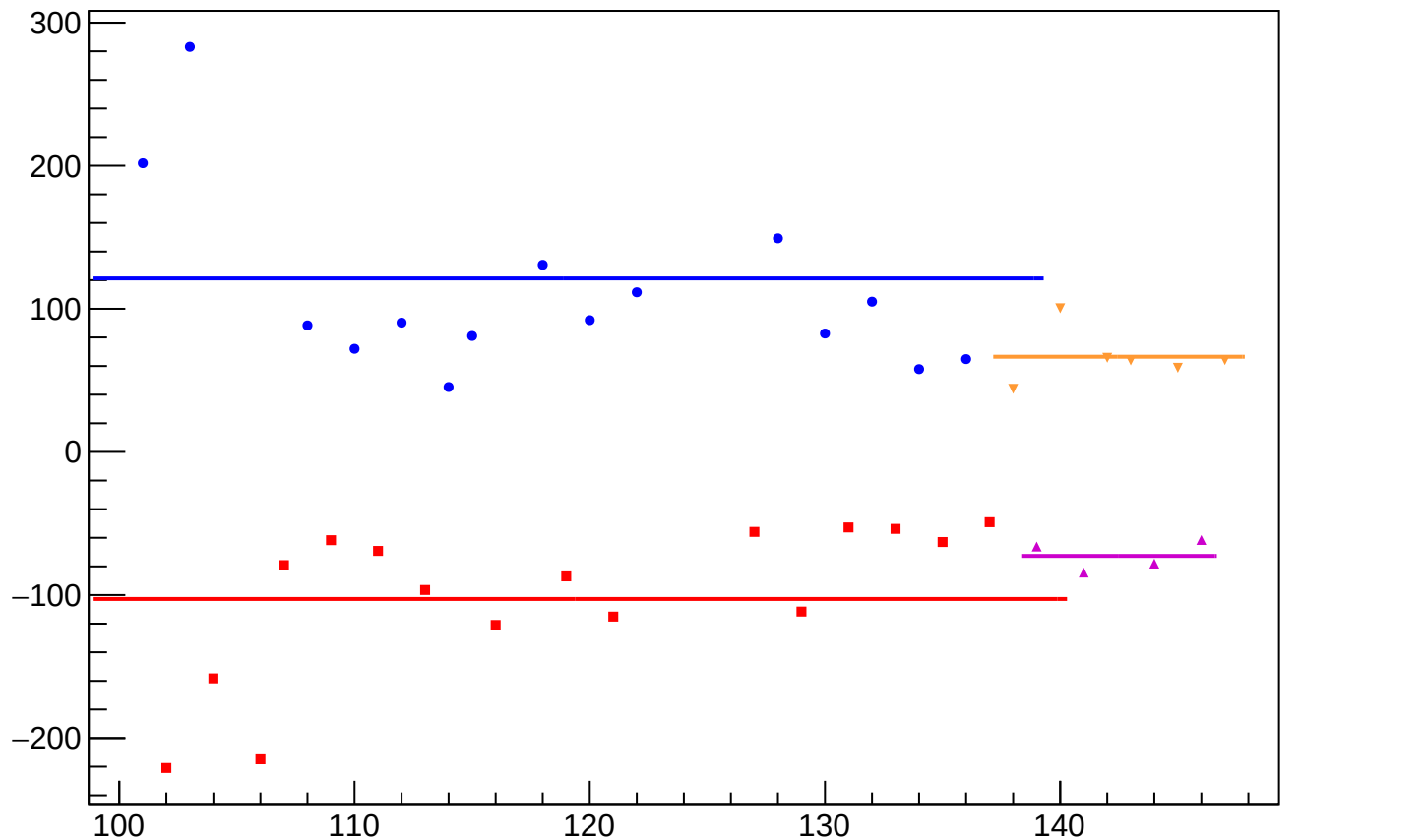
χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: 476.493+/-0.000

χ^2/NDF : 6247424292059779682012207924373356544.0/3

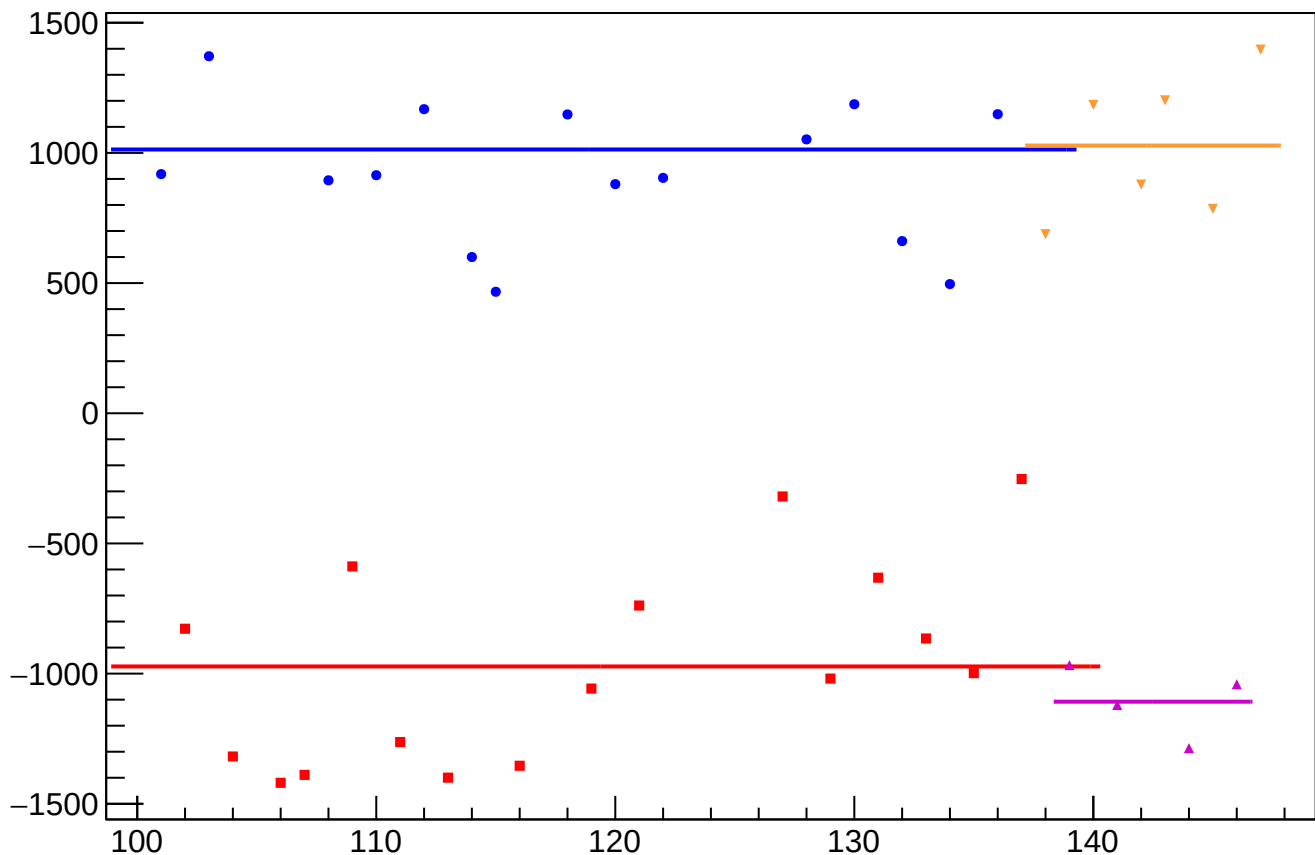
All: -64.659+/-0.000 χ^2/NDF : 239920943840

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14
 Left Out: 66.516+/-0.000 χ^2/NDF : 138990683532031096926701463506255872.0/5
 Right Out: -102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15
 Left In: -72.689+/-0.000 χ^2/NDF : 27882033523452090165356695111335936.0/3
 All: 6.860+/-0.000 χ^2/NDF : 25036310881006

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000

χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: -972.465+/-0.000

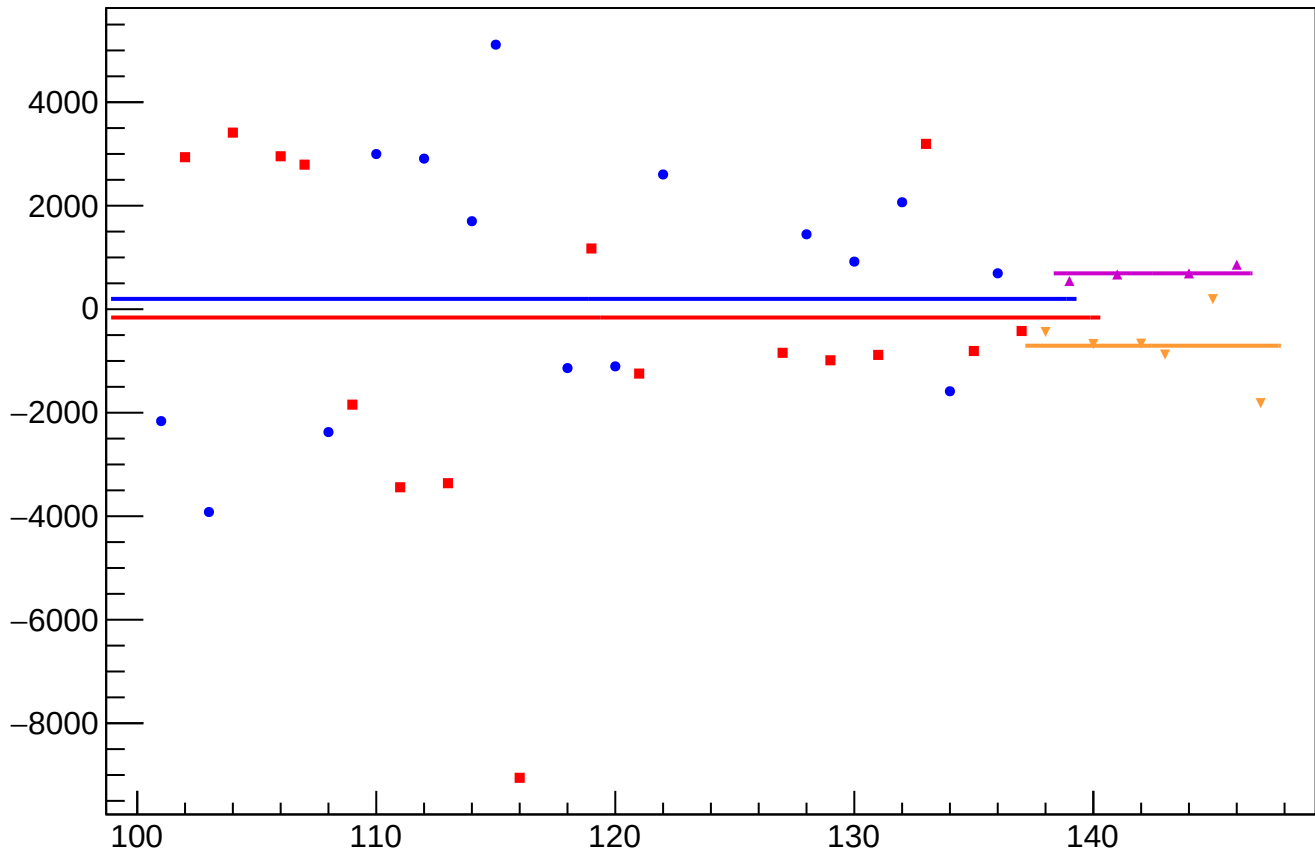
χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1107.820+/-0.000

χ^2/NDF : 4814649577307381267656377641960734720.0/3

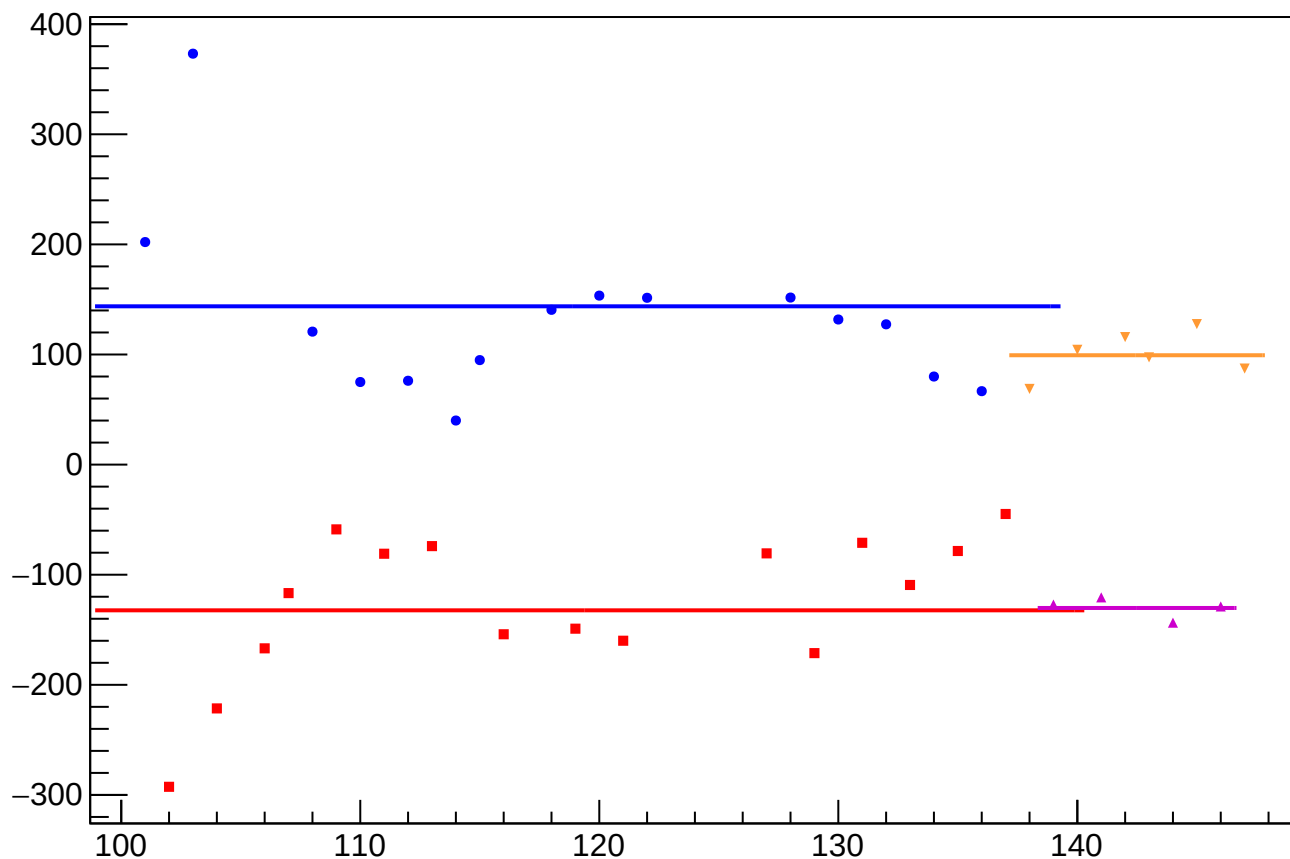
All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam6_coil6_mean vs Slug, Sign Corrected



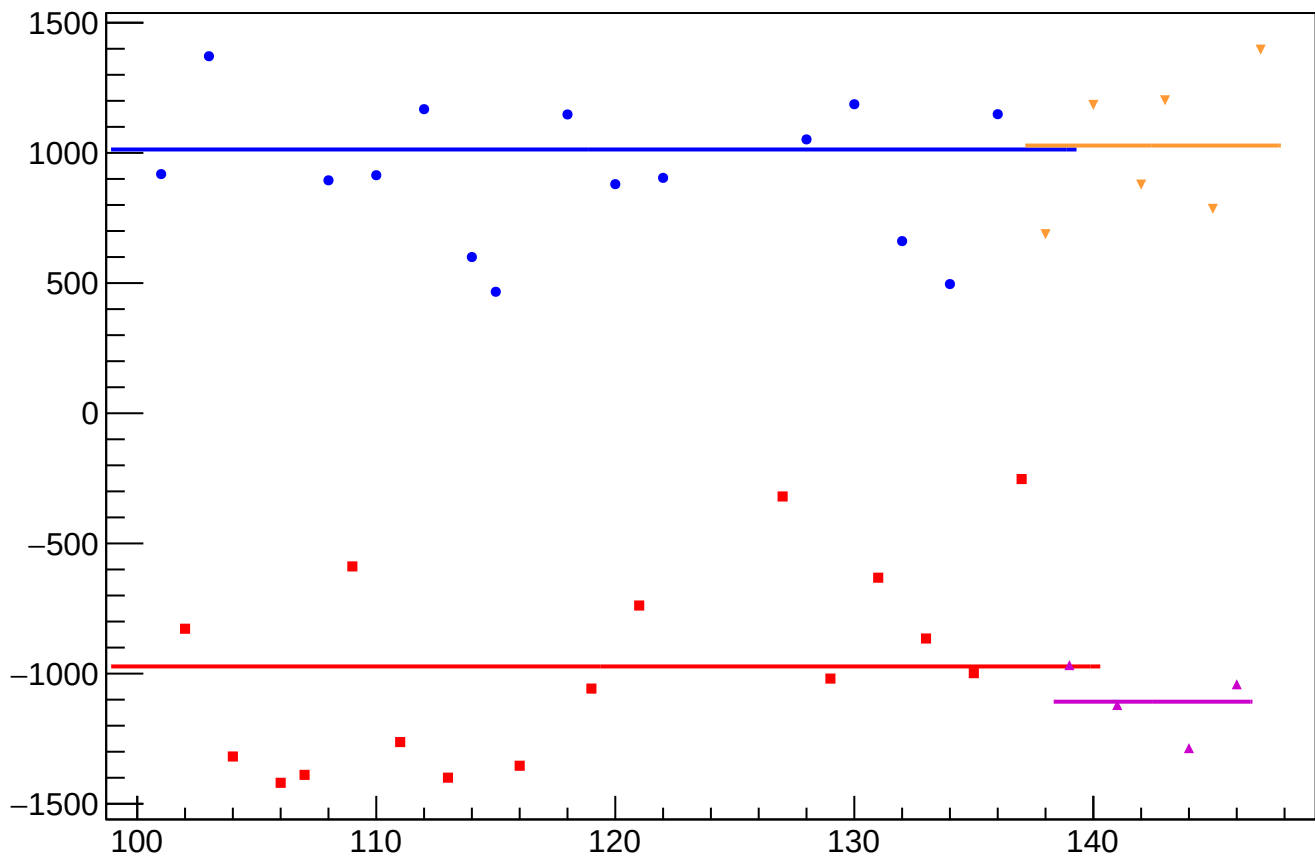
Left: -91.346 ± 0.000 $\chi^2/\text{NDF}: 5441620916867401$
 Right In: 199.503 ± 0.000 $\chi^2/\text{NDF}: 3268159745923533825045181664876849790976.0/14$
 Right: 17.033 ± 0.000 $\chi^2/\text{NDF}: 8991370549930185$
 Left Out: -705.139 ± 0.000 $\chi^2/\text{NDF}: 169277232263161775735425766622855430144.0/5$
 In: 368.553 ± 0.000 $\chi^2/\text{NDF}: 33264360439652087$
 Right Out: -160.512 ± 0.000 $\chi^2/\text{NDF}: 5680576709461197901526729703706251493376.0/15$
 Out: -374.597 ± 0.000 $\chi^2/\text{NDF}: 592762362559336$
 Left In: 693.147 ± 0.000 $\chi^2/\text{NDF}: 4117234176557455625014493617749753856.0/3$
 All: -22.972 ± 0.000 $\chi^2/\text{NDF}: 954123858279$

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -1.433+/-0.000 χ^2/NDF : 10179018119521313
 Right In: 143.764+/-0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14
 Right: 3.823+/-0.000 χ^2/NDF : 32765016379949297
 Left Out: 99.321+/-0.000 χ^2/NDF : 163893075966600503097954647318462464.0/5
 In: 49.942+/-0.000 χ^2/NDF : 212217366845200286
 Right Out: -132.341+/-0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15
 Out: -41.278+/-0.000 χ^2/NDF : 1740882400681764
 Left In: -130.208+/-0.000 χ^2/NDF : 24690863982903864775531234928361472.0/3
 All: 1.883+/-0.000 χ^2/NDF : 42957456541158

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

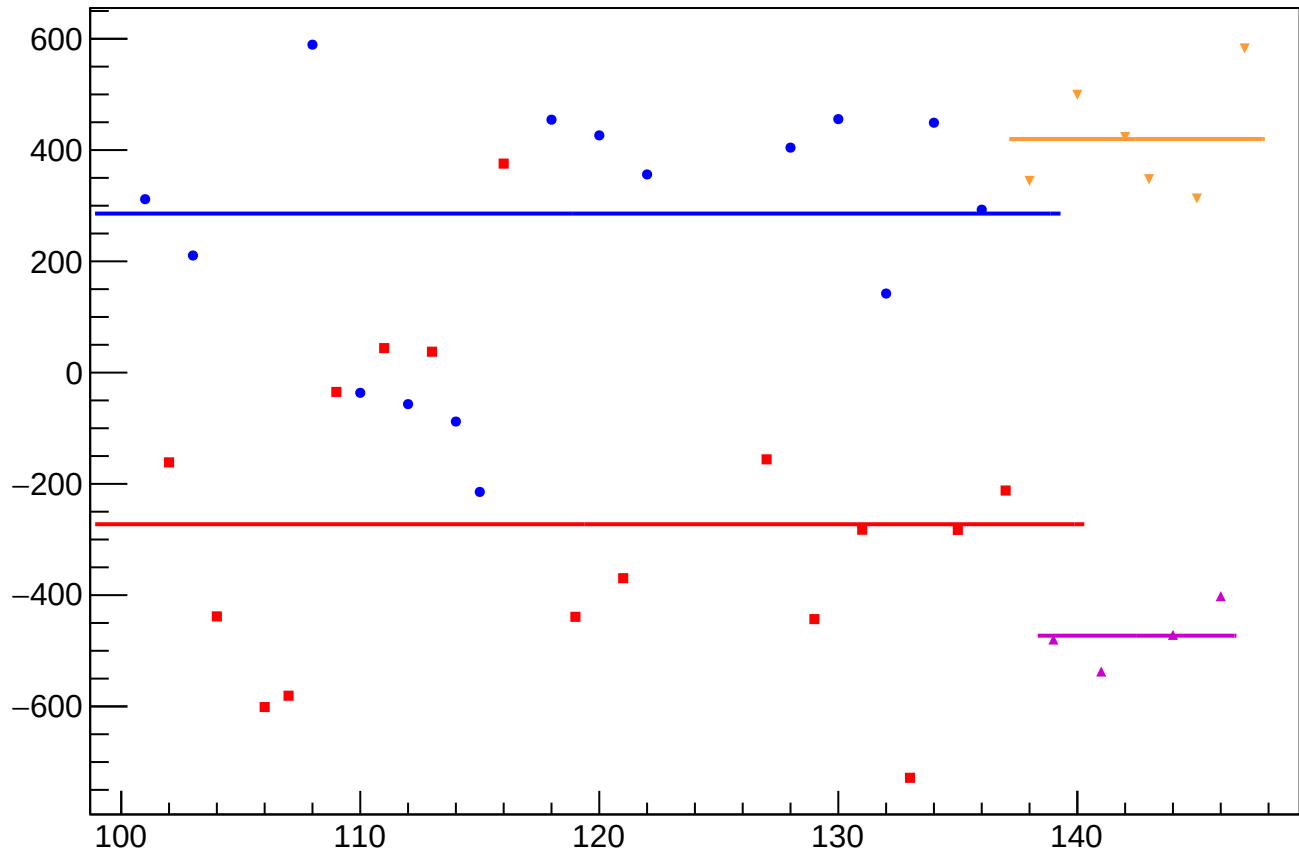
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 285.856+/-0.000

χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 419.846+/-0.000

χ^2/NDF : 4307433623633101923479027472303915008.0/5

Right Out: -272.539+/-0.000

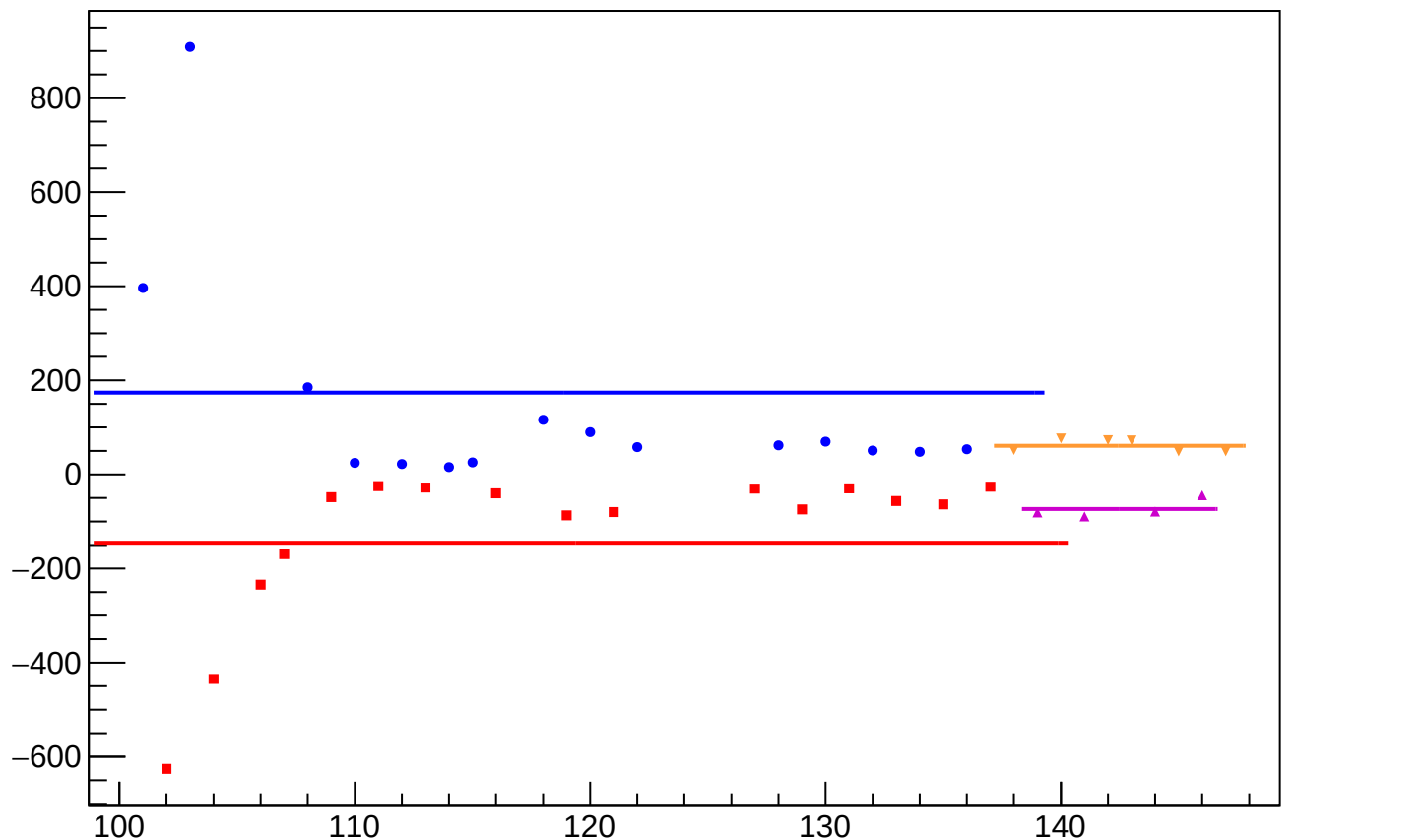
χ^2/NDF : 441499526650755936503387133335712768.0/15

Left In: -472.866+/-0.000

χ^2/NDF : 775366151656631633635401208950685696.0/3

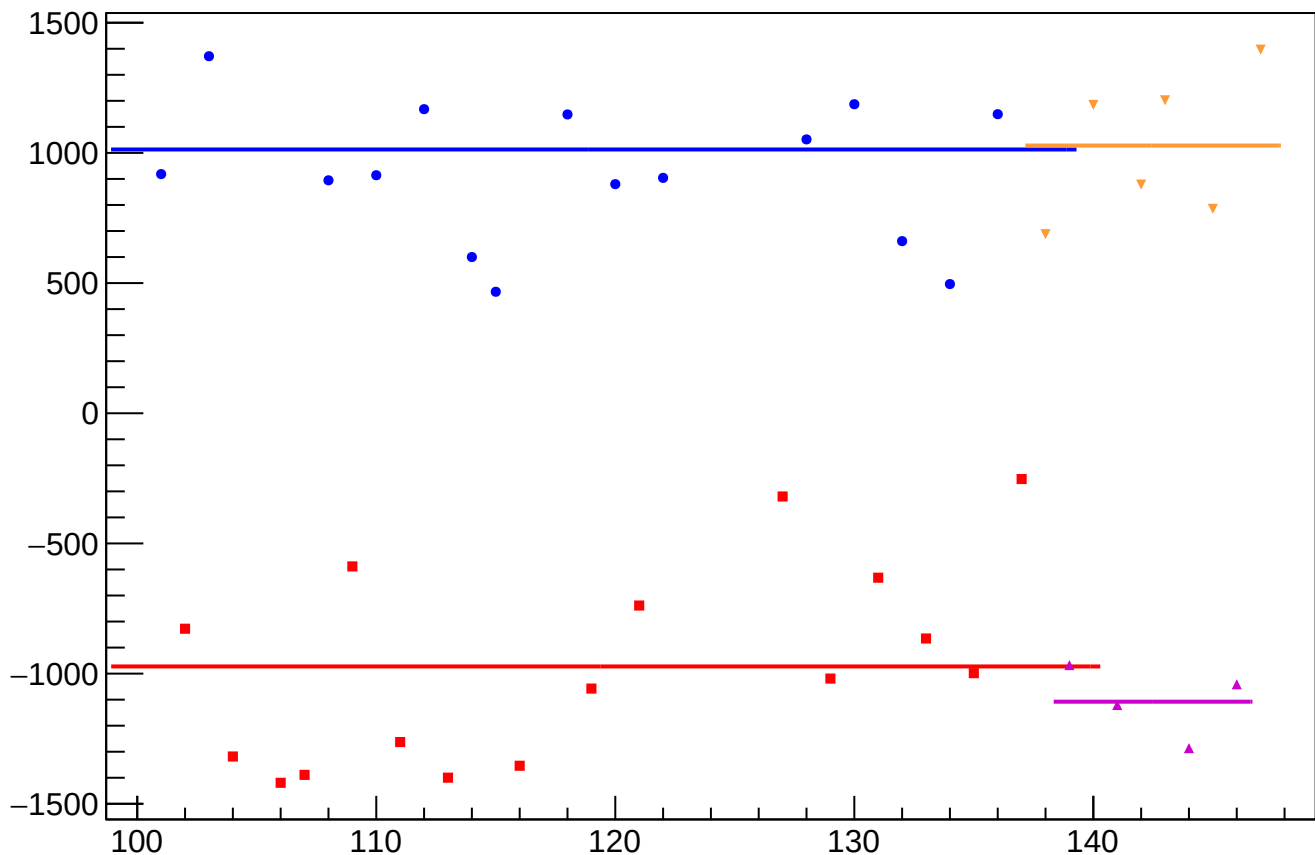
All: 12.120+/-0.000 χ^2/NDF : 3273364304001

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Left: 1.930+/-0.000 χ^2/NDF : 358732749441583870
 Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Right: 12.139+/-0.000 χ^2/NDF : 9772897307710637
 Left Out: 60.914+/-0.000 χ^2/NDF : 64063903365626222759645504702775296.0/5
 In: 89.173+/-0.000 χ^2/NDF : 554002518332983724
 Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -64.197+/-0.000 χ^2/NDF : 3373523550834788
 Left In: -73.458+/-0.000 χ^2/NDF : 99299938887792487629611256776753152.0/3
 All: 8.371+/-0.000 χ^2/NDF : 10136693122925

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

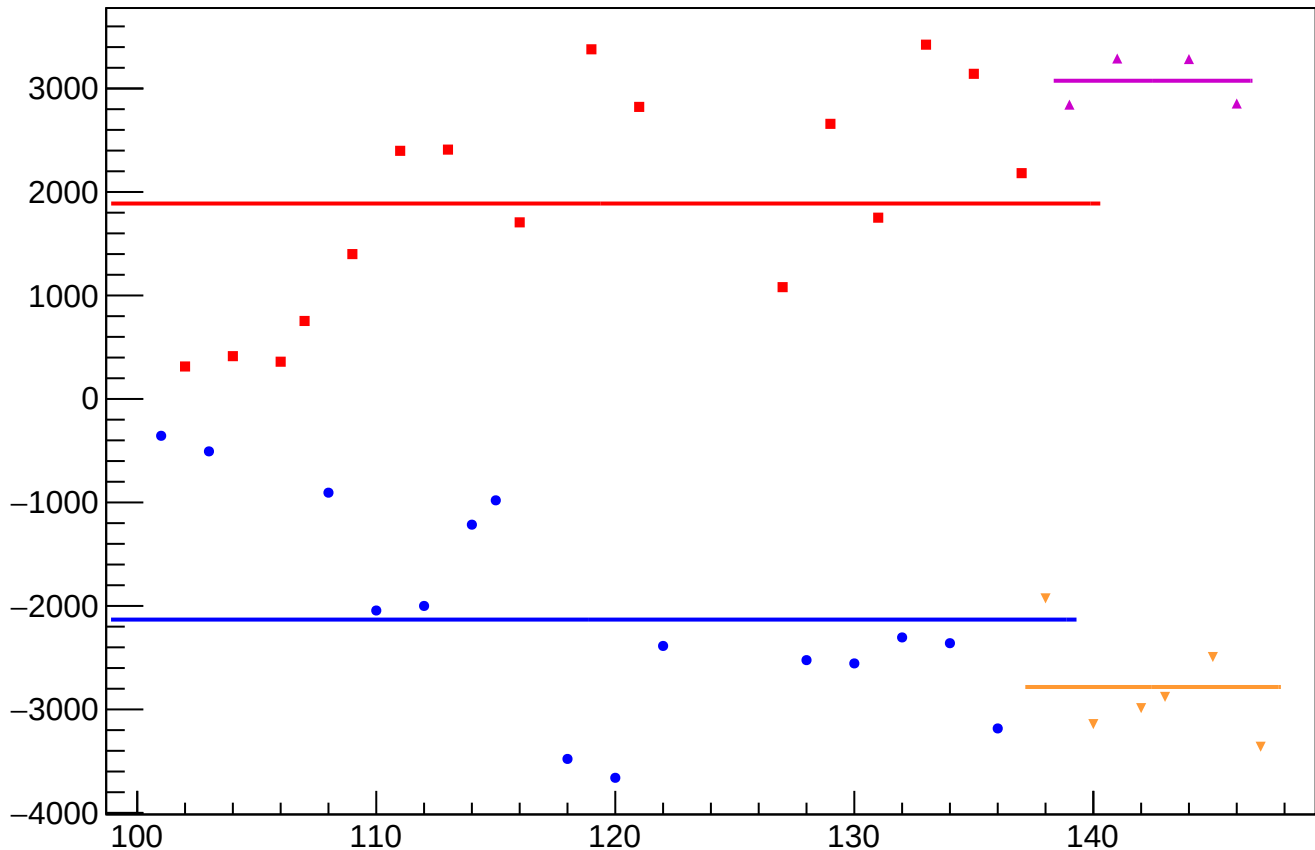
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905 +/- 0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

Left Out: -2783.219 +/- 0.000

χ^2/NDF : 103080518177986402783928163612959440896.0/5

Right Out: 1888.448 +/- 0.000

χ^2/NDF : 791986665551980691032719862611769819136.0/15

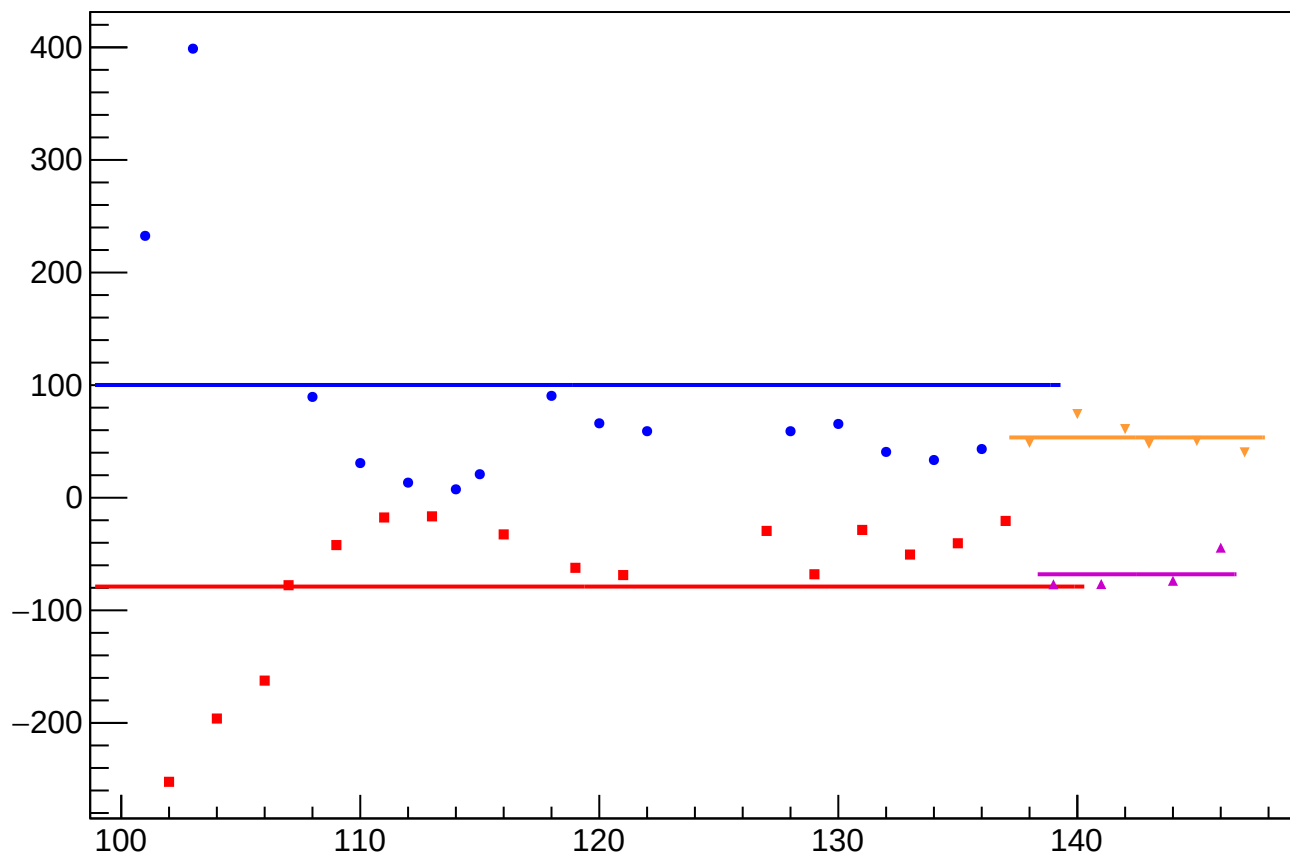
Left In: 3074.904 +/- 0.000

χ^2/NDF : 16171926459410813943207635130469318656.0/3

All: -137.605 +/- 0.000

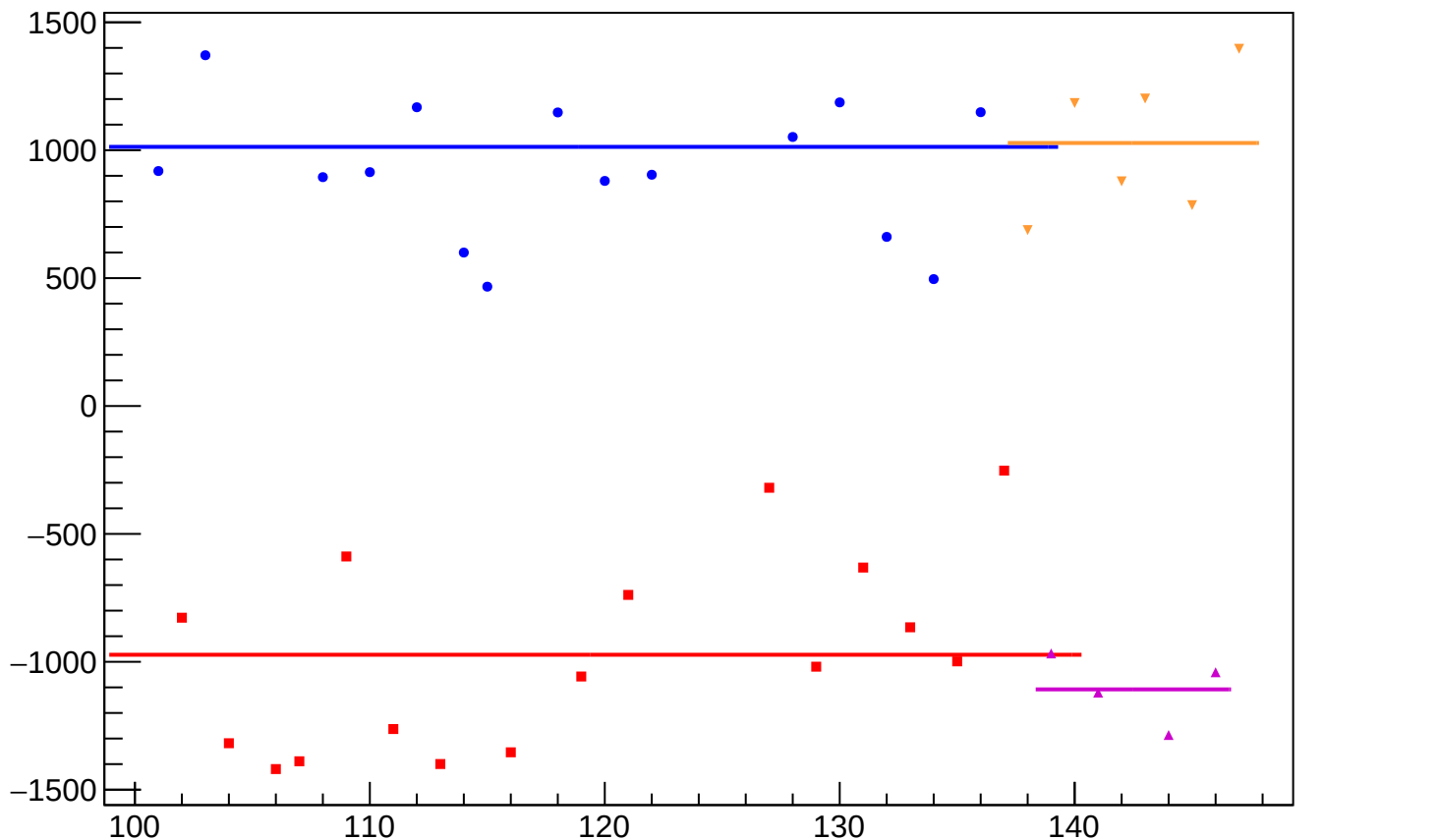
χ^2/NDF : 13464777719

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Left: 0.200 +/- 0.000 χ^2/NDF : 291884086437164383
 Right In: 100.135 +/- 0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Right: 9.403 +/- 0.000 χ^2/NDF : 21880477100402541
 Left Out: 53.544 +/- 0.000 χ^2/NDF : 56333427981620203701347942676824064.0/5
 In: 42.565 +/- 0.000 χ^2/NDF : 141573296353515564
 Right Out: -78.881 +/- 0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Out: -26.827 +/- 0.000 χ^2/NDF : 8179248964251210
 Left In: -67.978 +/- 0.000 χ^2/NDF : 62128136133259908679359914466869248.0/3
 All: 6.006 +/- 0.000 χ^2/NDF : 24840456953883

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: -972.465+/-0.000

Left In: -1107.820+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 29465975459740600207856017891951378432.0/5

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 4814649577307381267656377641960734720.0/3

Left: 90.627+/-0.000 χ^2/NDF : 89956965619356548

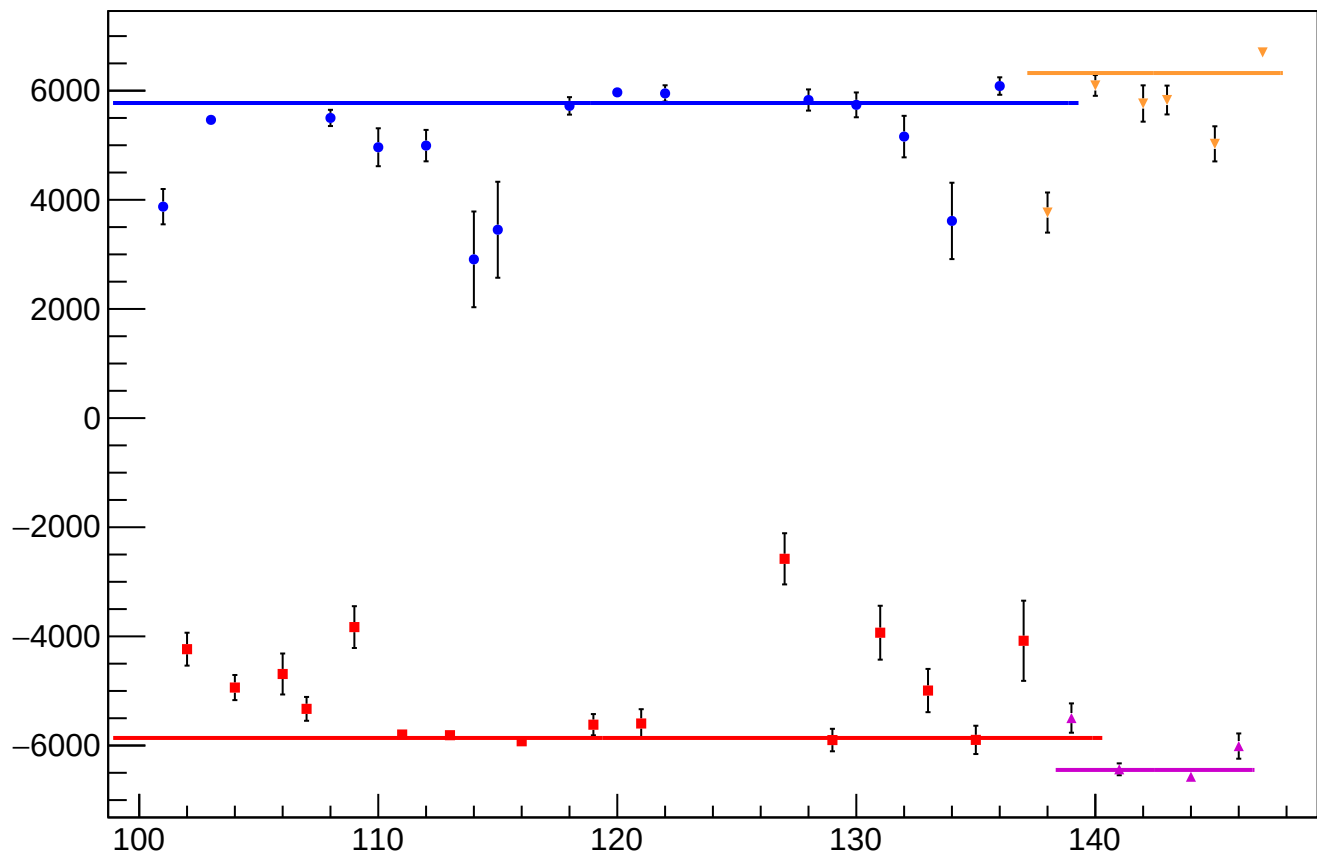
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: 286.818+/-0.000 χ^2/NDF : 10363324365749660

Out: -185.995+/-0.000 χ^2/NDF : 115790337982609

All: 37.719+/-0.000 χ^2/NDF : 2310481767078

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6323.358 ± 70.700 $\chi^2/\text{NDF}: 91.2/5$

Right Out: -5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

Left In: -6447.477 ± 58.130 $\chi^2/\text{NDF}: 18.9/3$

Left: -1296.315 ± 44.902 $\chi^2/\text{NDF}: 19577.9/9$

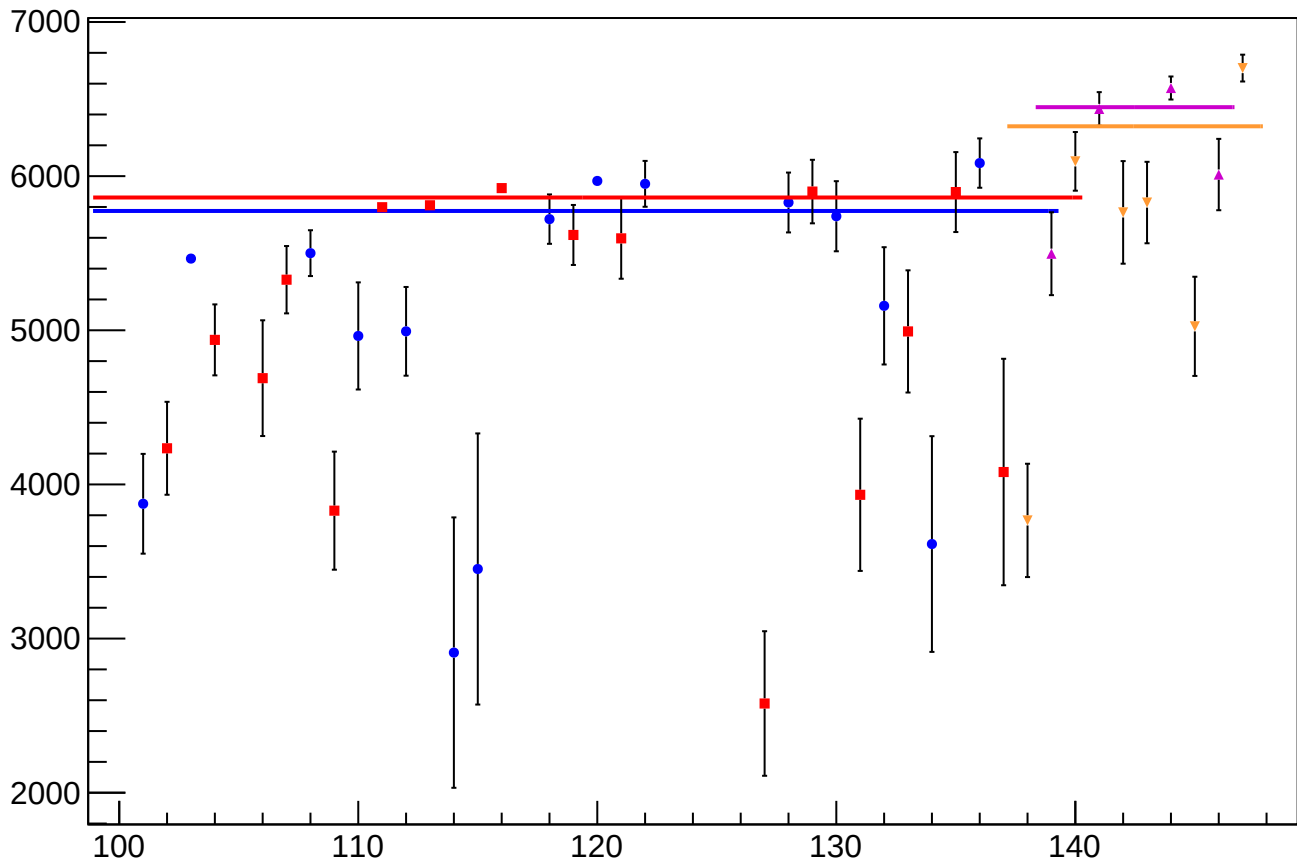
Right: -1536.191 ± 0.111 $\chi^2/\text{NDF}: 2585354230.9/30$

In: 5773.998 ± 0.181 $\chi^2/\text{NDF}: 1872747.7/18$

Out: -5861.414 ± 0.140 $\chi^2/\text{NDF}: 209814.6/21$

All: -1536.190 ± 0.111 $\chi^2/\text{NDF}: 2585373837$

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6323.358 $\pm$ 70.700 χ^2 /NDF:91.2/5

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

Left In: 6447.477 $\pm$ 58.130 χ^2 /NDF:18.9/3

Left: 6397.413 $\pm$ 44.902 χ^2 /NDF: 111.9/9

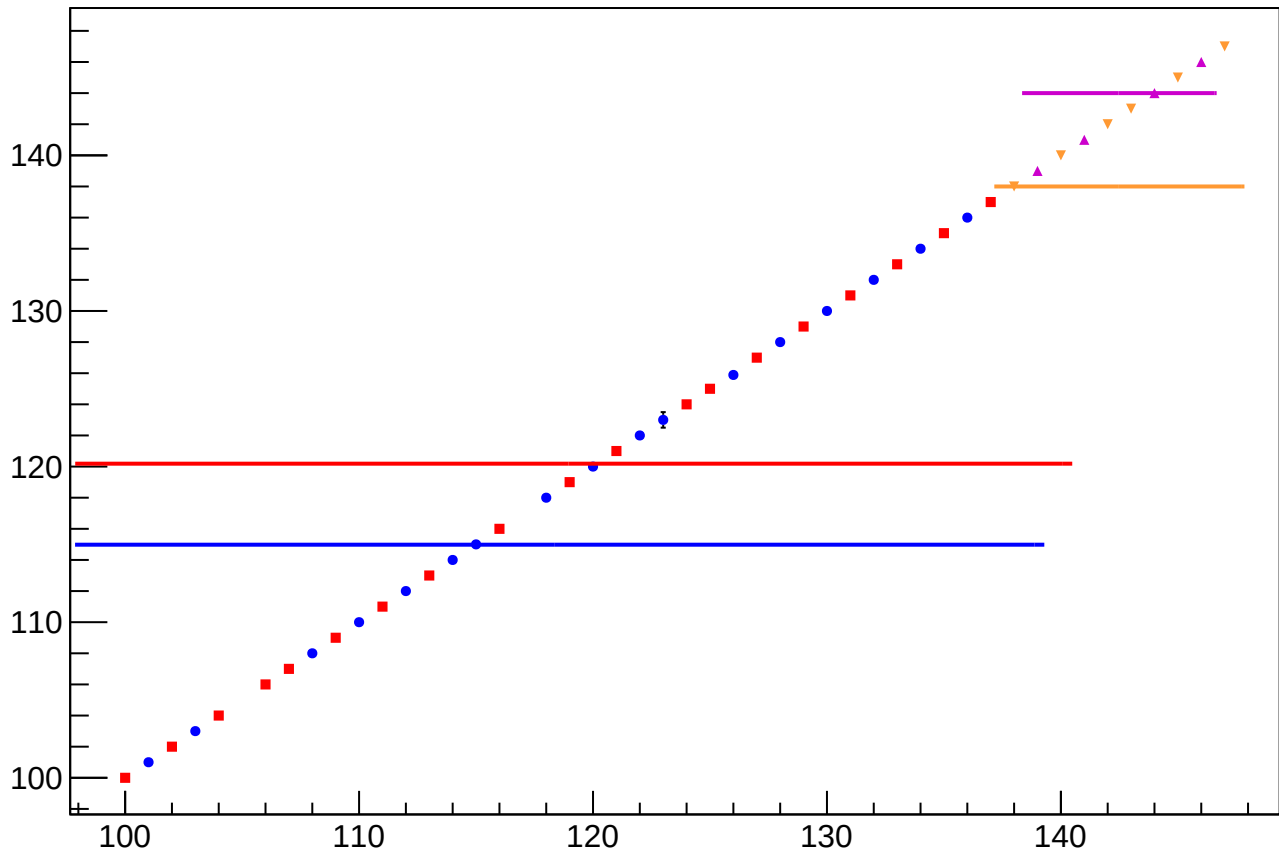
Right: 5828.993 $\pm$ 0.111 χ^2 /NDF: 2154118.4/30

In: 5774.123 $\pm$ 0.181 χ^2 /NDF:1828679.5/18

Out: 5861.463 $\pm$ 0.140 χ^2 /NDF:180154.3/21

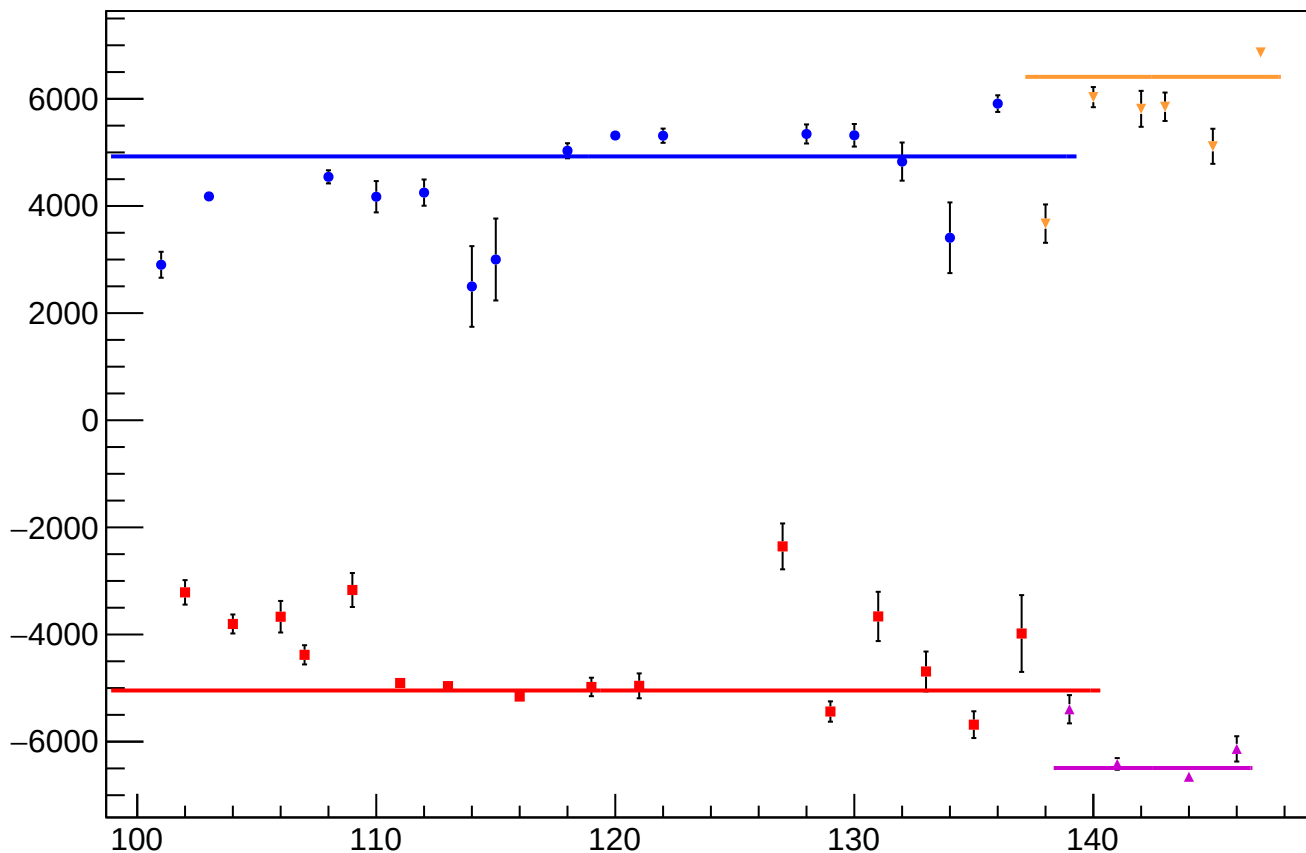
All: 5828.996 $\pm$ 0.111 χ^2 /NDF: 2154390.6/40

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 138.000+/-0.000 χ^2/NDF : 13103.0/5
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 144.000+/-0.000 χ^2/NDF : 3122.0/3
 All: 118.926+/-0.000 χ^2/NDF : 292330962995

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2/NDF : 330994.6/14

Left Out: 6410.179 $\pm$ 71.774 χ^2/NDF :111.9/5

Right Out: -5045.221 $\pm$ 0.668 χ^2/NDF : 30179.9/15

Left In: -6491.872 $\pm$ 58.556 χ^2/NDF :24.7/3

Left: -1336.022 $\pm$ 45.372 χ^2/NDF : 19537.2/9

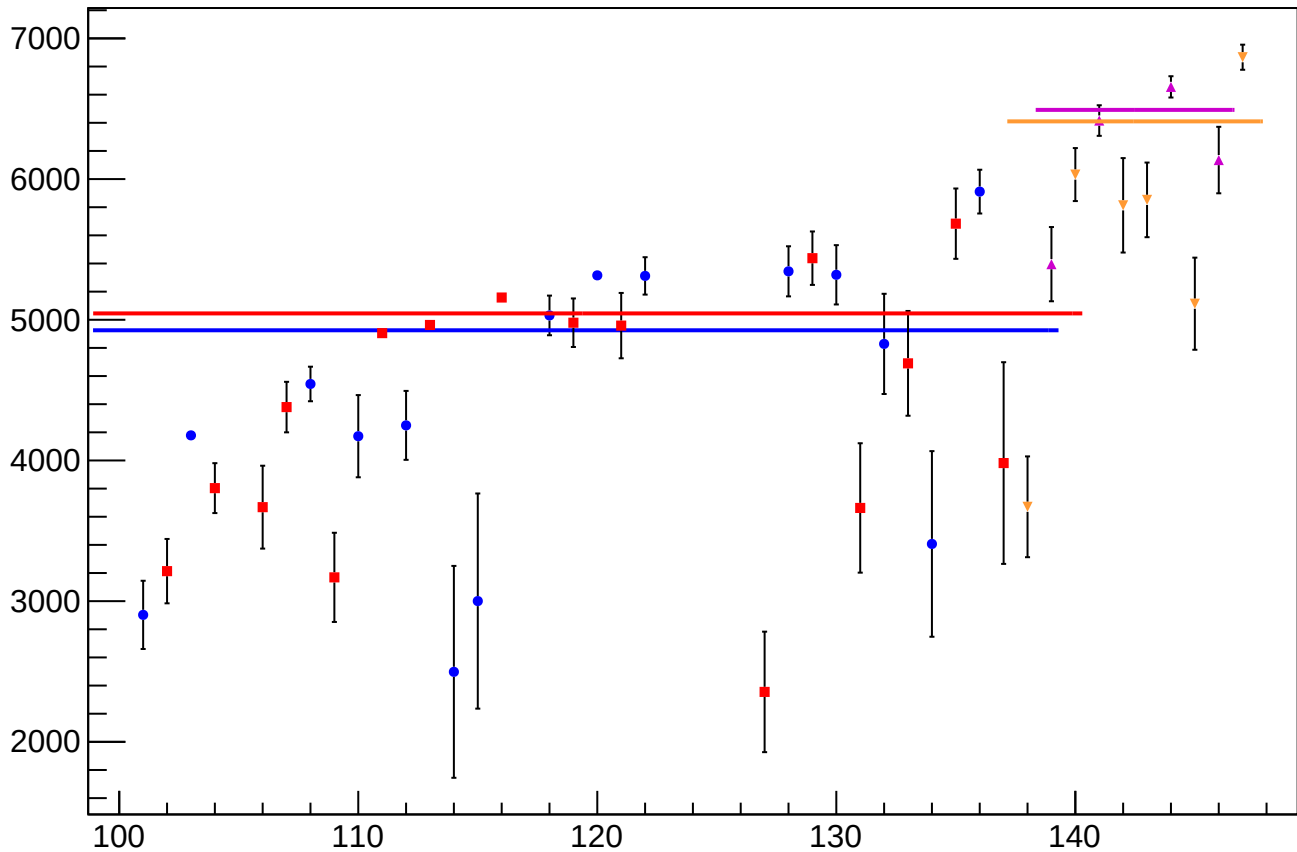
Right: -1694.510 $\pm$ 0.544 χ^2/NDF : 75266282.5/30

In: 4922.372 $\pm$ 0.939 χ^2/NDF :369026.1/18

Out: -5044.229 $\pm$ 0.668 χ^2/NDF :55763.0/21

All: -1694.459 $\pm$ 0.544 χ^2/NDF : 75285882.2/30

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 6410.179+/-71.774 χ^2/NDF :111.9/5

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: 6491.872+/-58.556 χ^2/NDF :24.7/3

Left: 6459.226+/-45.372 χ^2/NDF : 137.4/9

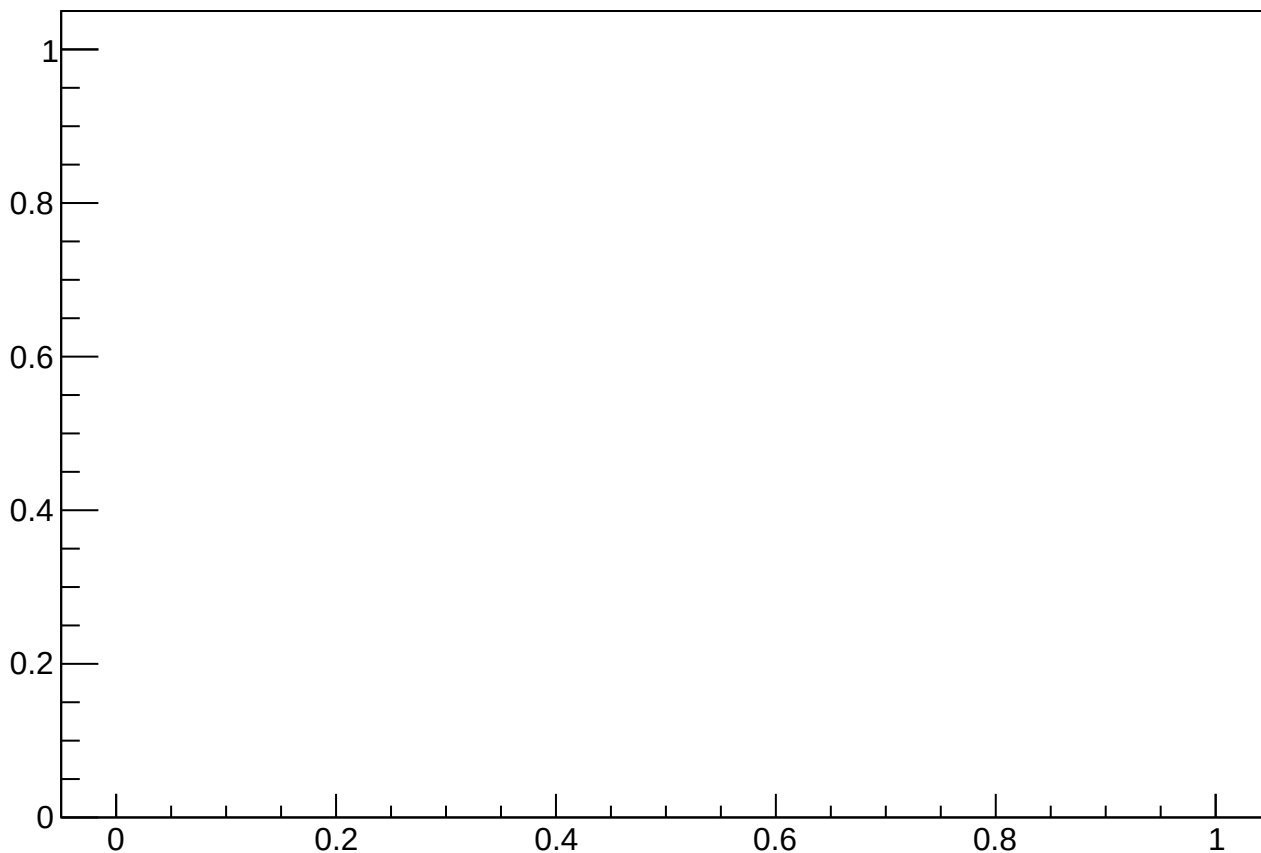
Right: 5004.922+/-0.544 χ^2/NDF : 372009.4/30

In: 4925.708+/-0.939 χ^2/NDF :331734.8/18

Out: 5045.339+/-0.668 χ^2/NDF :30653.4/21

All: 5005.131+/-0.544 χ^2/NDF : 373174.1/40

dit_scandata1_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_scandata1_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

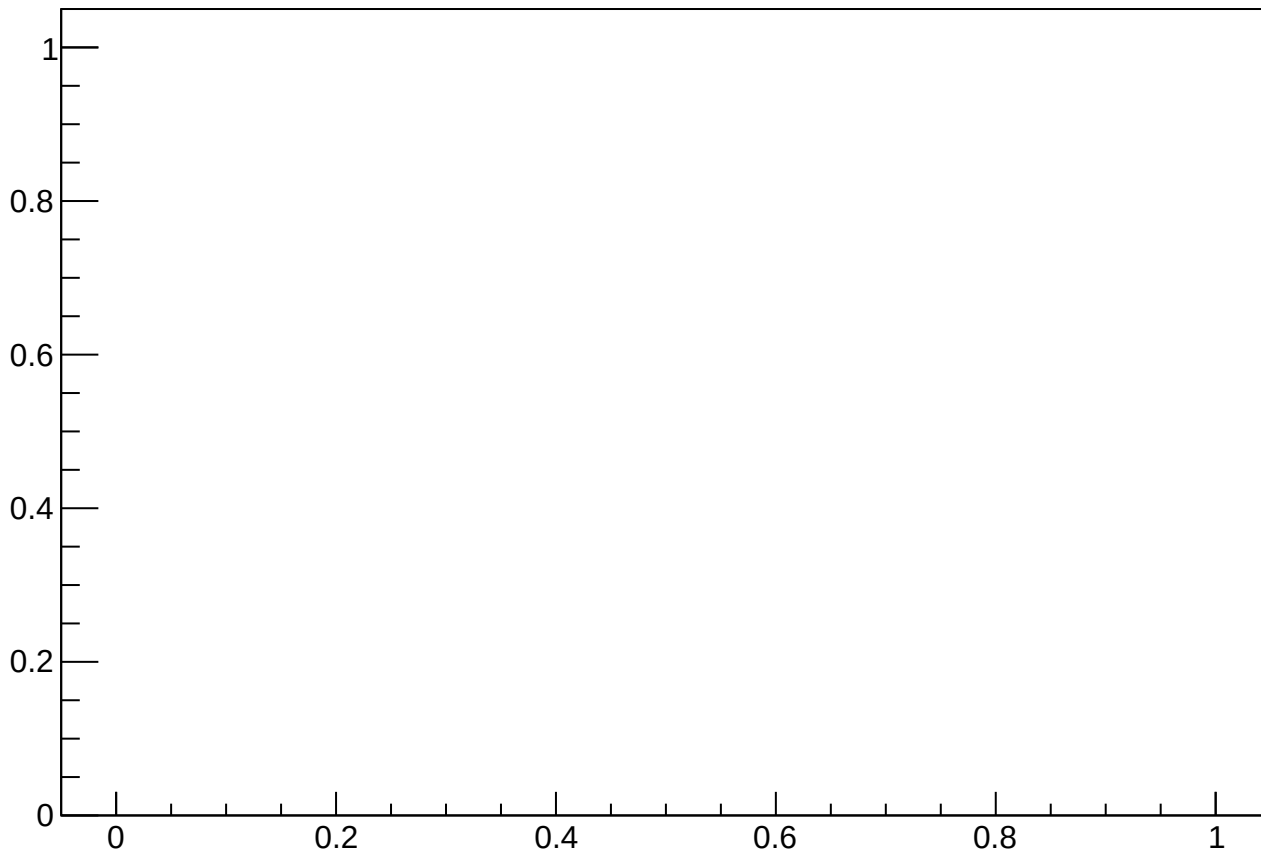
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_scandata2_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_scandata2_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

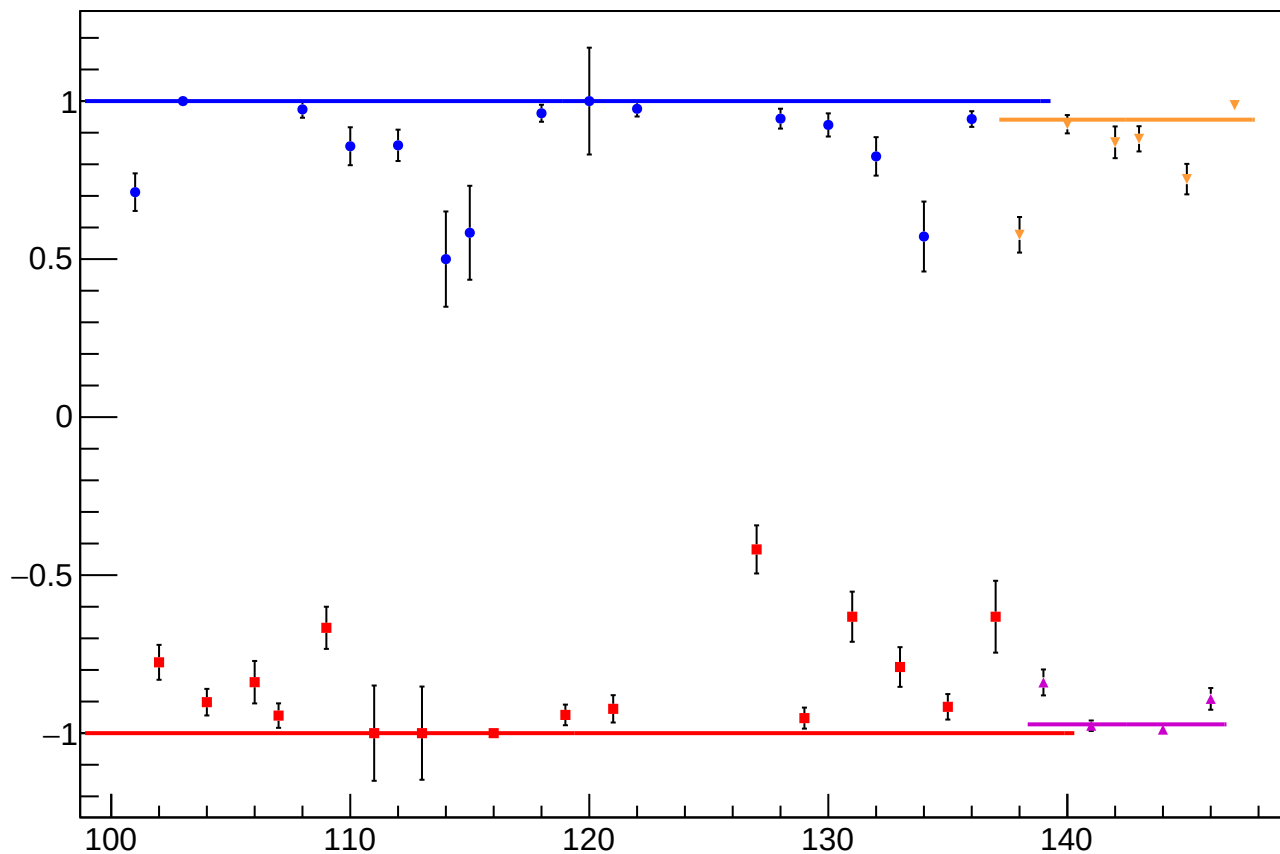
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_flag_mean vs Slug, Sign Corrected



Left: -0.188 ± 0.007 $\chi^2/\text{NDF}: 19636.8/9$

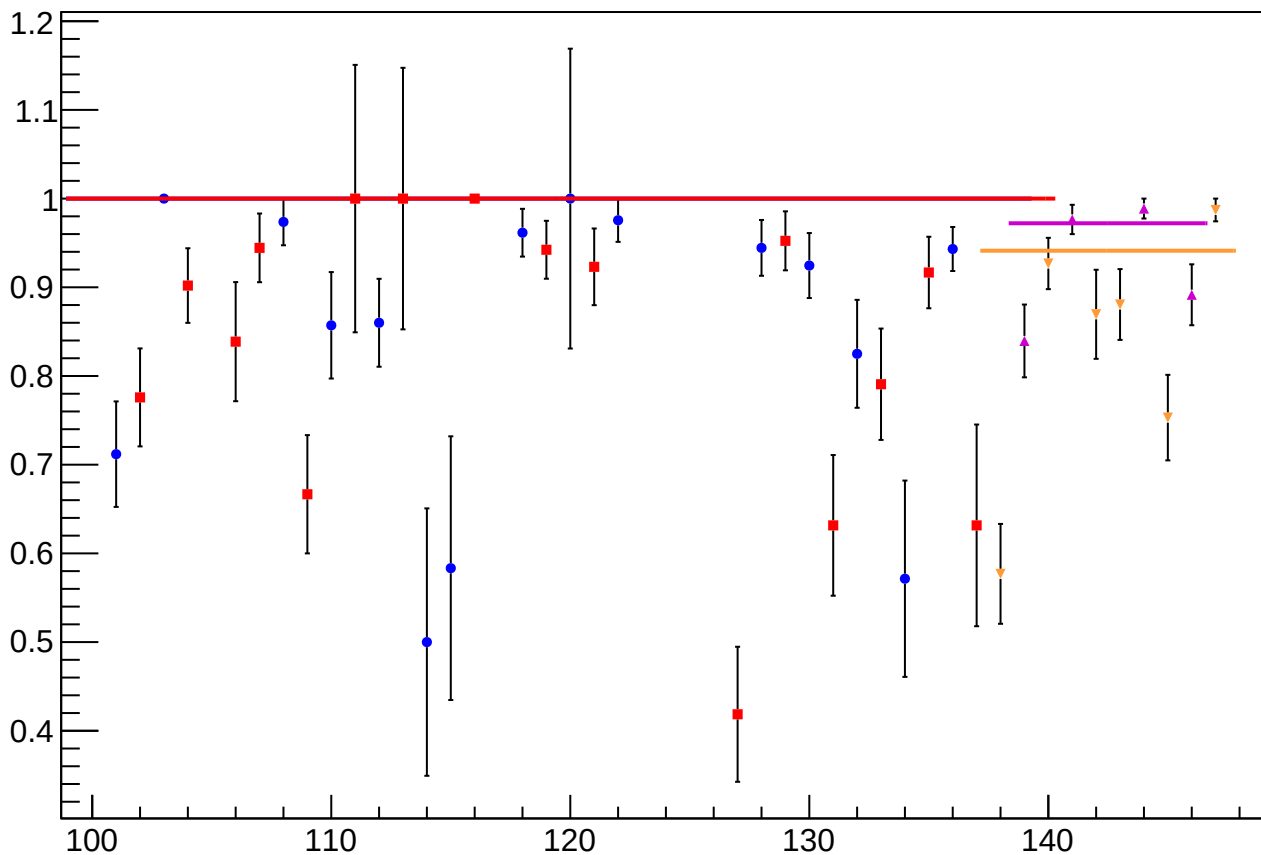
Right: 0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479480$

In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 50750.9/18$

Out: -1.000 ± 0.000 $\chi^2/\text{NDF}: 34341.7/21$

All: 0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479$

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.941+/-0.011 χ^2/NDF : 74.5/5

Right Out: 1.000+/-0.000 χ^2/NDF : 168.9/15

Left In: 0.972+/-0.009 χ^2/NDF : 18.2/3

Left: 0.959+/-0.007 χ^2/NDF : 97.9/9

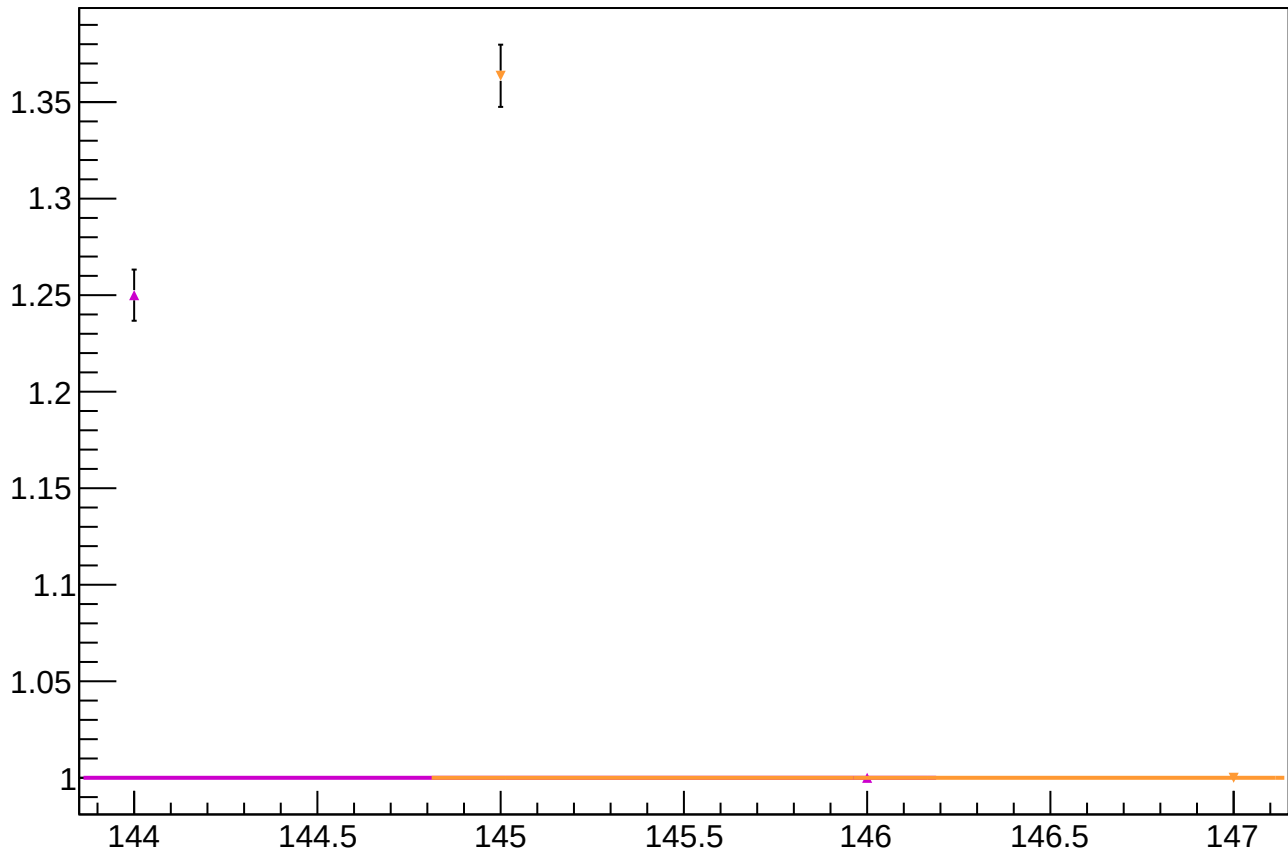
Right: 1.000+/-0.000 χ^2/NDF : 347.8/30

In: 1.000+/-0.000 χ^2/NDF : 124.2/18

Out: 1.000+/-0.000 χ^2/NDF : 274.7/21

All: 1.000+/-0.000 χ^2/NDF : 481.8/40

dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF :517.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.000+/-0.000 χ^2/NDF :356.0/1

Left: 1.000+/-0.000 χ^2/NDF : 899.4/3

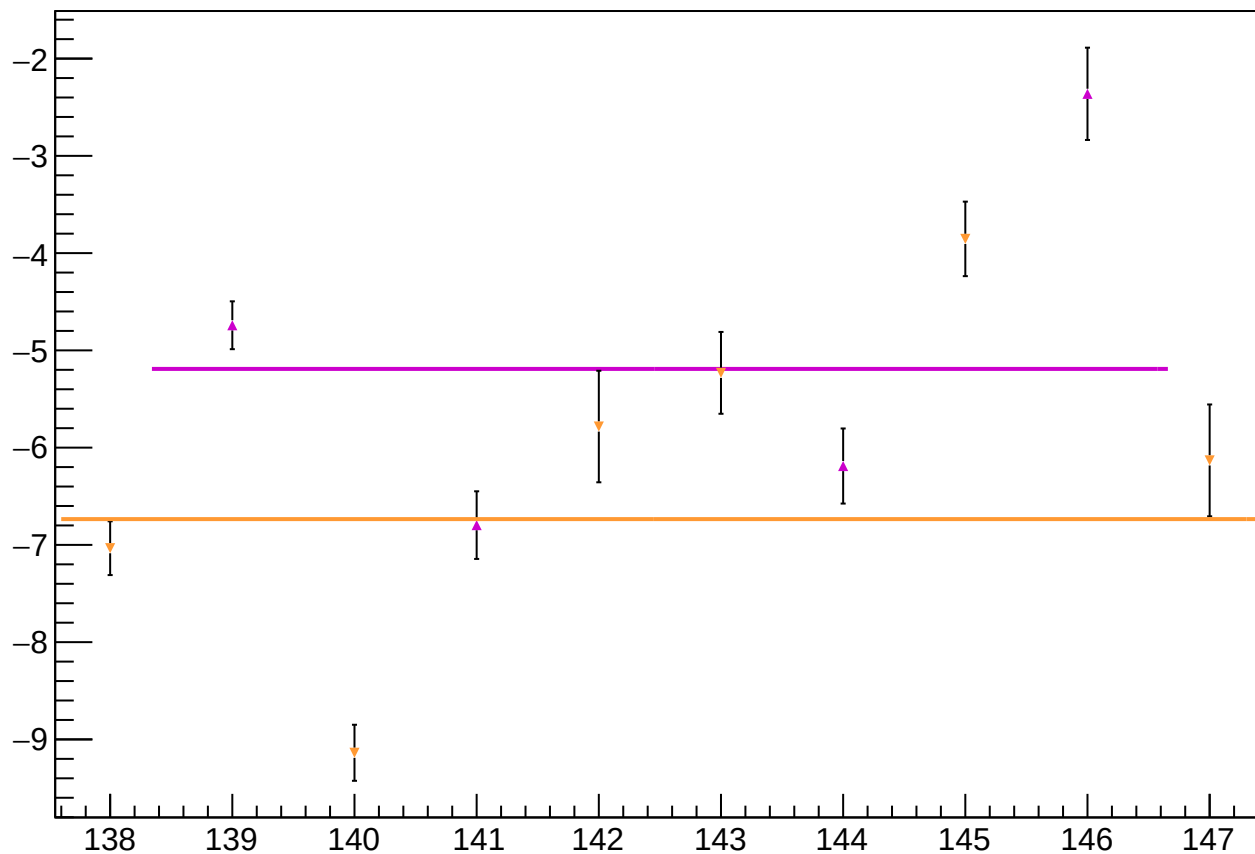
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.000+/-0.000 χ^2/NDF :356.0/1

Out: 1.000+/-0.000 χ^2/NDF :517.7/1

All: 1.000+/-0.000 χ^2/NDF : 899.4/3

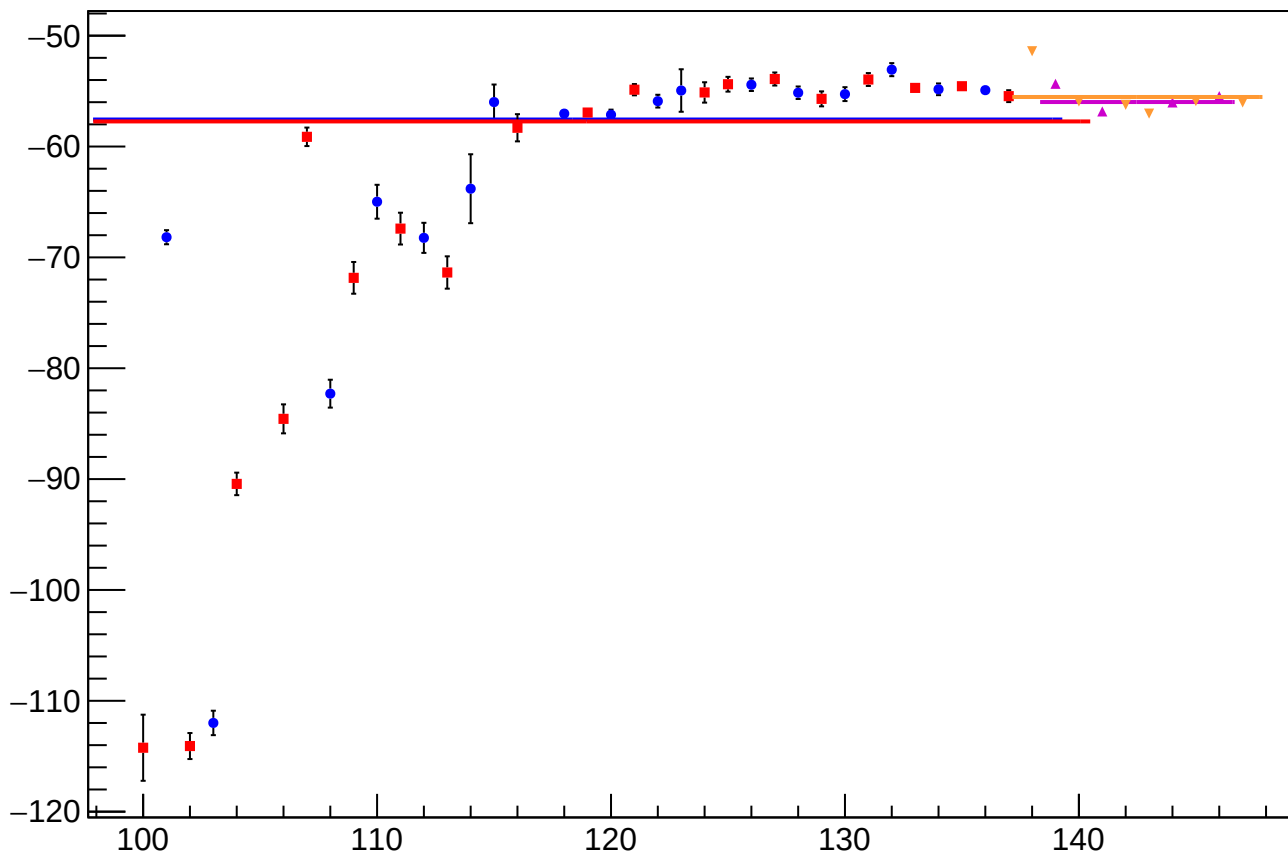
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.735+/-0.151 χ^2/NDF :143.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.191+/-0.167 χ^2/NDF :66.9/3

Left: -6.038+/-0.112 χ^2/NDF : 257.8/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.191+/-0.167 χ^2/NDF :66.9/3
 Out: -6.735+/-0.151 χ^2/NDF :143.9/5
 All: -6.038+/-0.112 χ^2/NDF : 257.8/9

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 $\pm$ 0.141 χ^2 /NDF: 3455.9/16

Left Out: -55.531 $\pm$ 0.121 χ^2 /NDF:201.1/5

Right Out: -57.736 $\pm$ 0.143 χ^2 /NDF: 4698.4/18

Left In: -55.987 $\pm$ 0.150 χ^2 /NDF:28.1/3

Left: -55.710 $\pm$ 0.094 χ^2 /NDF: 234.8/9

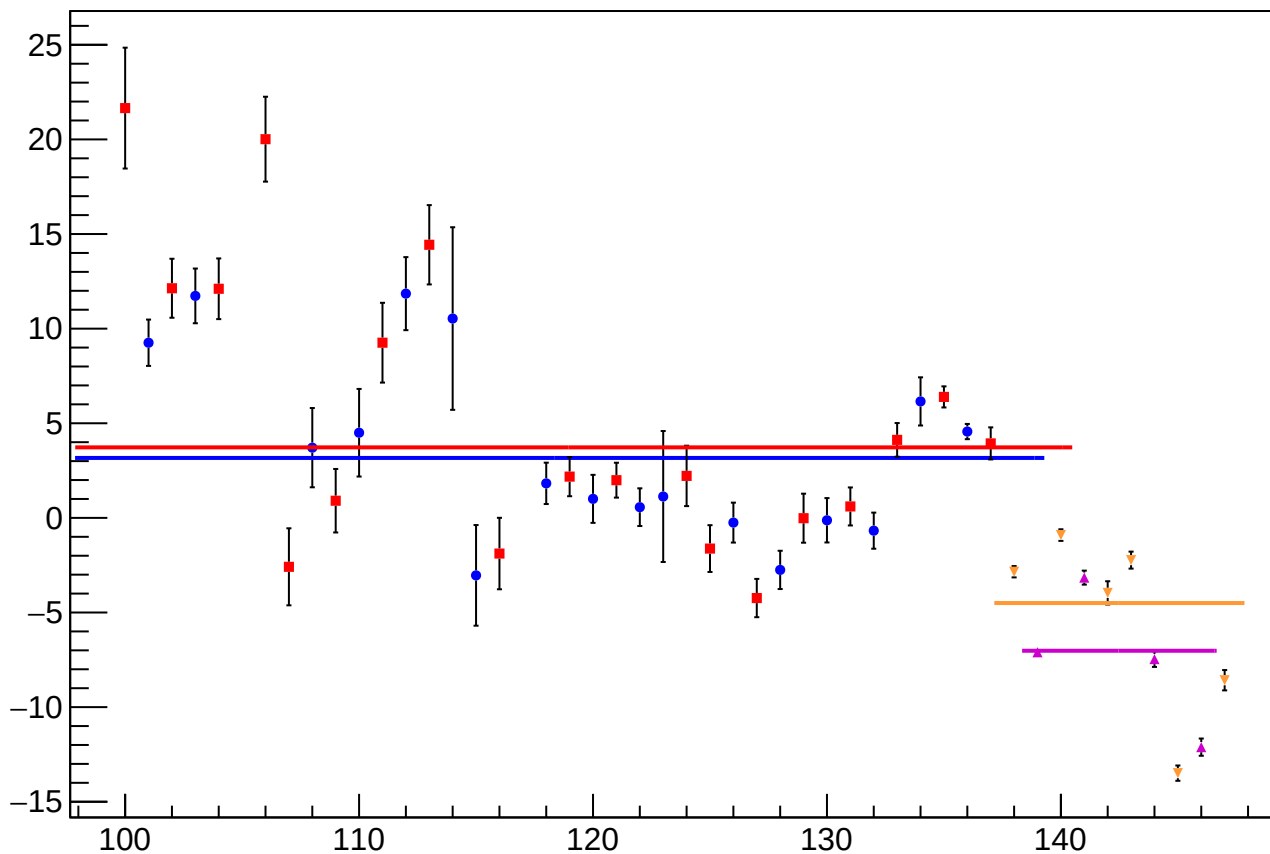
Right: -57.649 $\pm$ 0.101 χ^2 /NDF: 8155.1/35

In: -56.822 $\pm$ 0.103 χ^2 /NDF:3542.5/20

Out: -56.448 $\pm$ 0.092 χ^2 /NDF:5038.4/24

All: -56.614 $\pm$ 0.069 χ^2 /NDF: 8588.2/45

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -4.499 ± 0.160 $\chi^2/\text{NDF}: 745.2/5$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

Left In: -7.021 ± 0.177 $\chi^2/\text{NDF}: 235.4/3$

Left: -5.639 ± 0.119 $\chi^2/\text{NDF}: 1092.5/9$

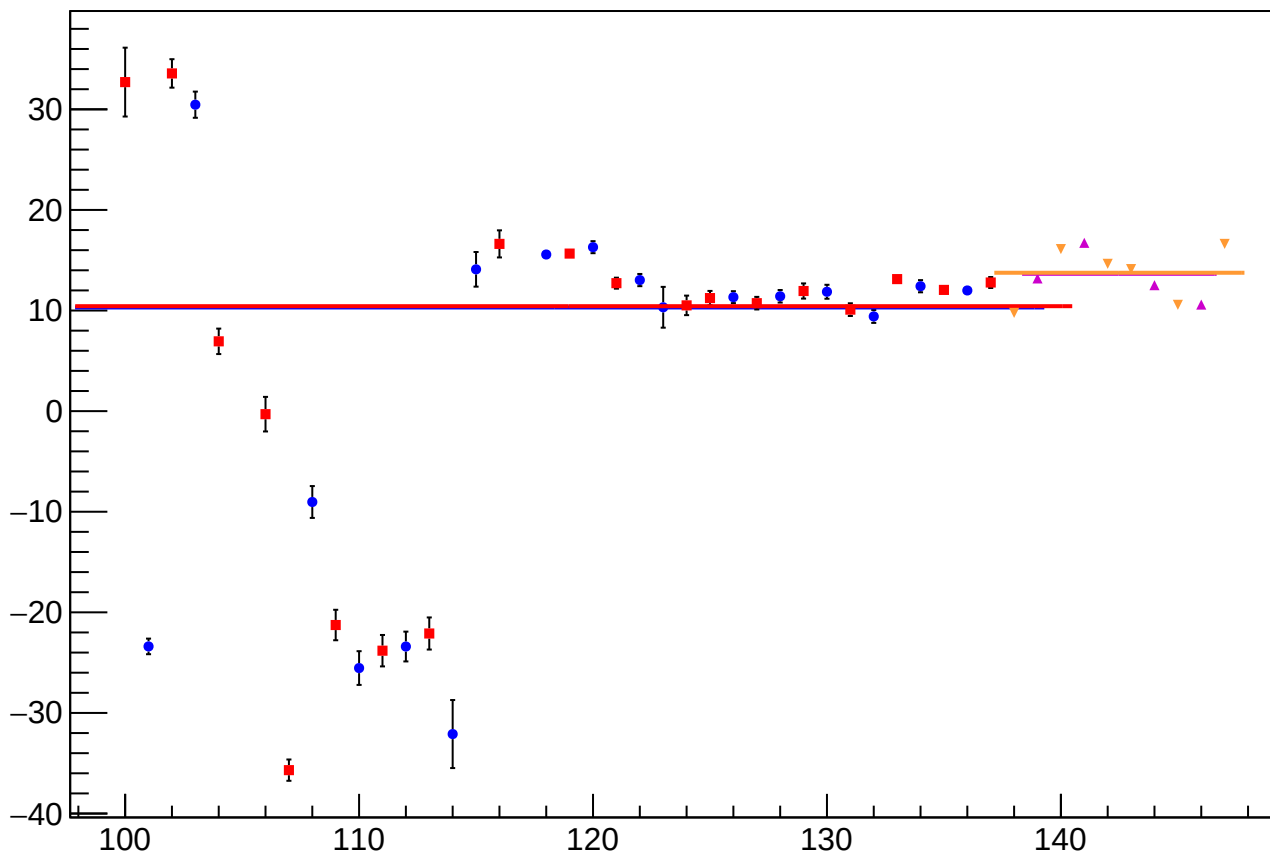
Right: 3.437 ± 0.185 $\chi^2/\text{NDF}: 511.7/35$

In: -3.768 ± 0.146 $\chi^2/\text{NDF}: 1485.6/20$

Out: -2.320 ± 0.137 $\chi^2/\text{NDF}: 1765.6/24$

All: -3.003 ± 0.100 $\chi^2/\text{NDF}: 3303.5/45$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 13.756 $\pm$ 0.145 χ^2 /NDF:332.3/5

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

Left In: 13.650 $\pm$ 0.175 χ^2 /NDF:183.3/3

Left: 13.713 $\pm$ 0.111 χ^2 /NDF: 515.8/9

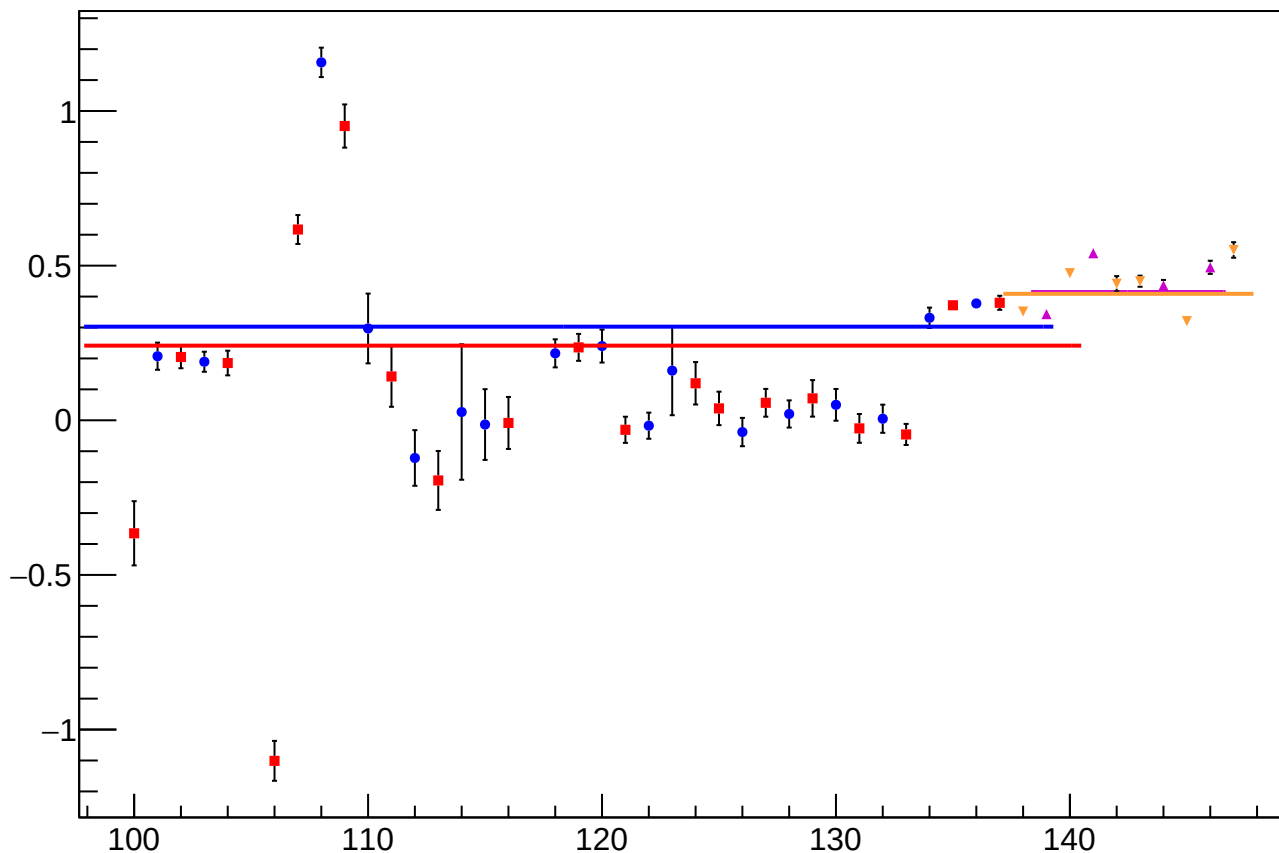
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7541.1/35

In: 11.798 $\pm$ 0.117 χ^2 /NDF:4098.6/20

Out: 12.259 $\pm$ 0.107 χ^2 /NDF:4398.1/24

All: 12.048 $\pm$ 0.079 χ^2 /NDF: 8505.2/45

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.409 $\pm$ 0.007 χ^2 /NDF:119.8/5

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

Left In: 0.415 $\pm$ 0.007 χ^2 /NDF:144.5/3

Left: 0.412 $\pm$ 0.005 χ^2 /NDF: 264.6/9

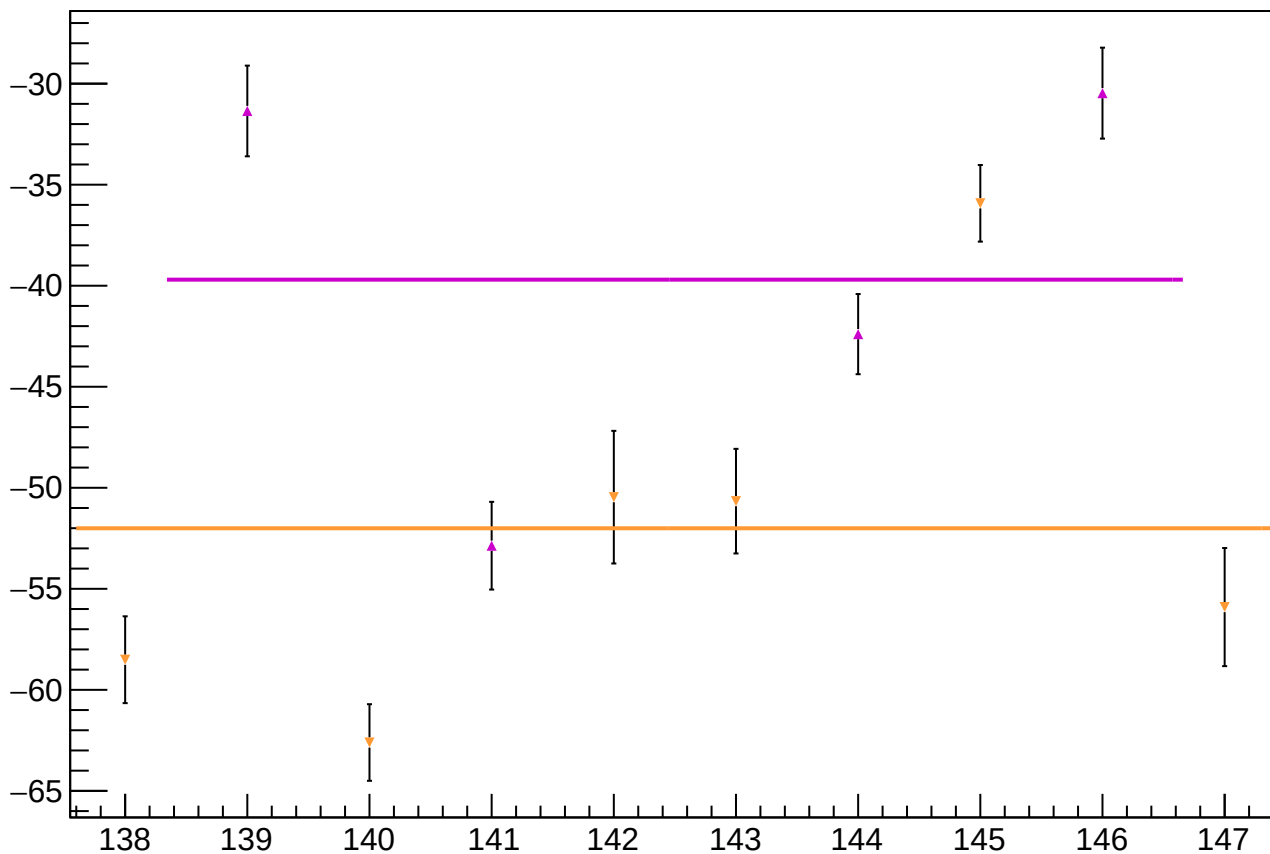
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.368 $\pm$ 0.005 χ^2 /NDF:900.5/20

Out: 0.347 $\pm$ 0.005 χ^2 /NDF:1351.5/24

All: 0.357 $\pm$ 0.004 χ^2 /NDF: 2260.6/45

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.003+/-0.940 χ^2/NDF :114.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.700+/-1.077 χ^2/NDF :69.3/3

Left: -46.685+/-0.708 χ^2/NDF : 258.1/9

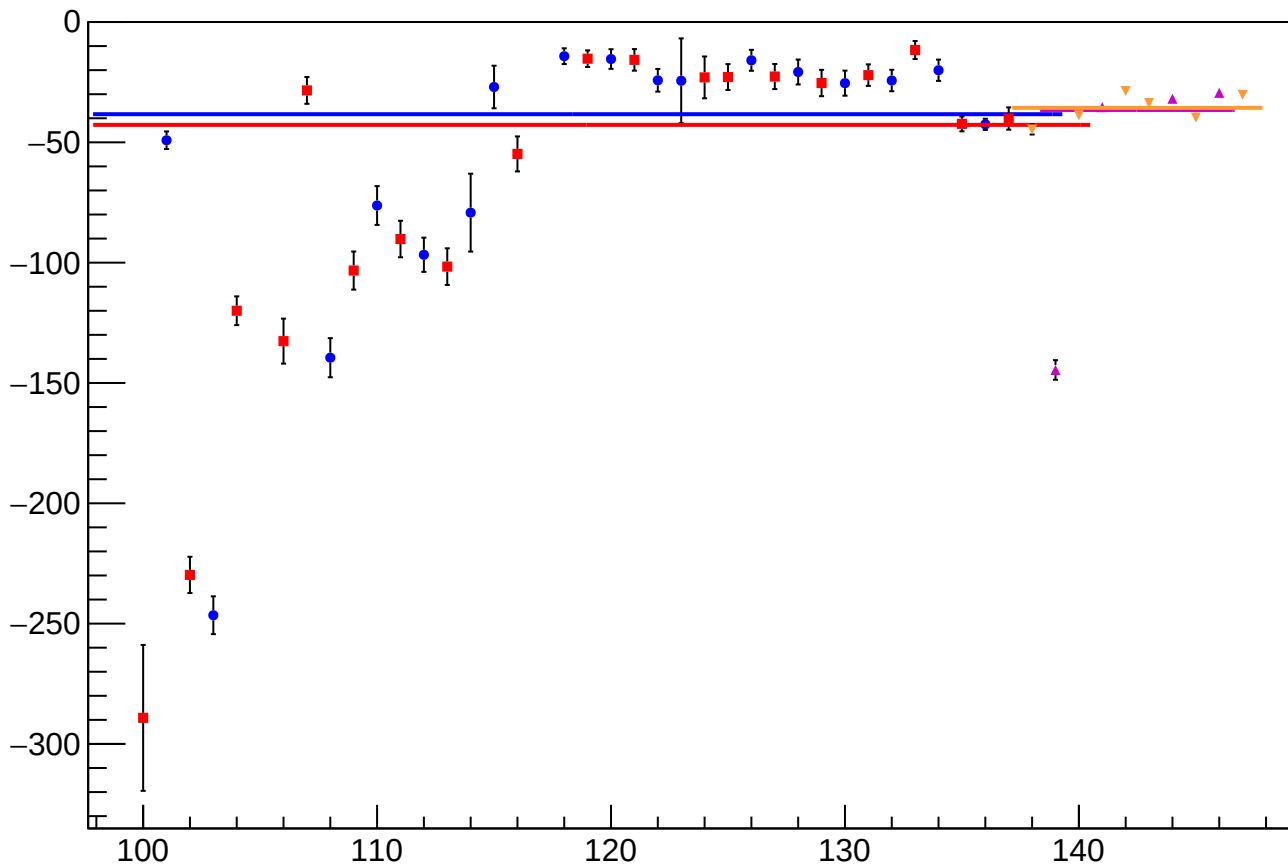
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.700+/-1.077 χ^2/NDF :69.3/3

Out: -52.003+/-0.940 χ^2/NDF :114.7/5

All: -46.685+/-0.708 χ^2/NDF : 258.1/9

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -35.665 ± 0.684 $\chi^2/\text{NDF}: 56.8/5$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

Left In: -36.549 ± 0.817 $\chi^2/\text{NDF}: 742.1/3$

Left: -36.030 ± 0.524 $\chi^2/\text{NDF}: 799.6/9$

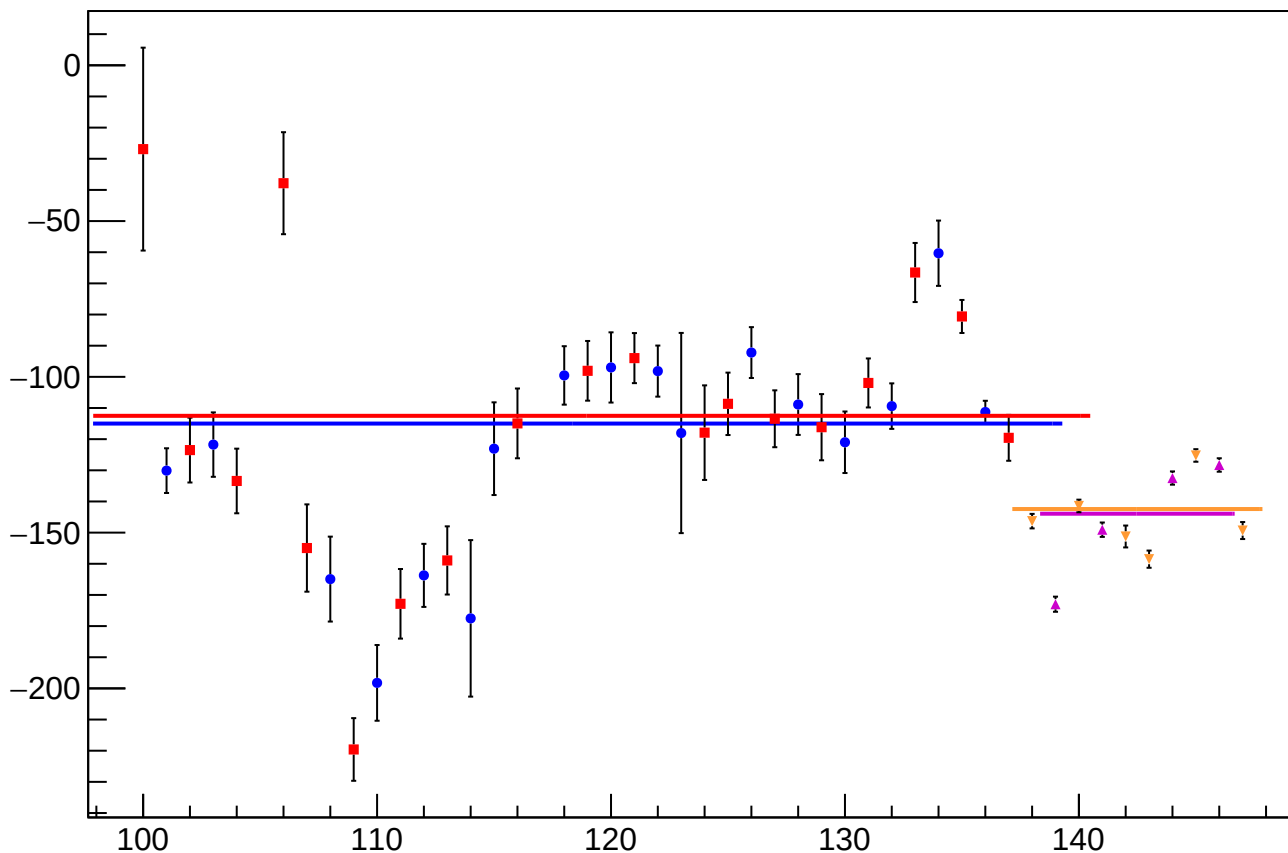
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -37.149 ± 0.663 $\chi^2/\text{NDF}: 1876.3/20$

Out: -37.381 ± 0.595 $\chi^2/\text{NDF}: 1424.4/24$

All: -37.277 ± 0.443 $\chi^2/\text{NDF}: 3300.8/45$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -142.428 ± 0.989 $\chi^2/\text{NDF}: 122.3/5$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

Left In: -143.930 ± 1.123 $\chi^2/\text{NDF}: 229.6/3$

Left: -143.085 ± 0.742 $\chi^2/\text{NDF}: 352.9/9$

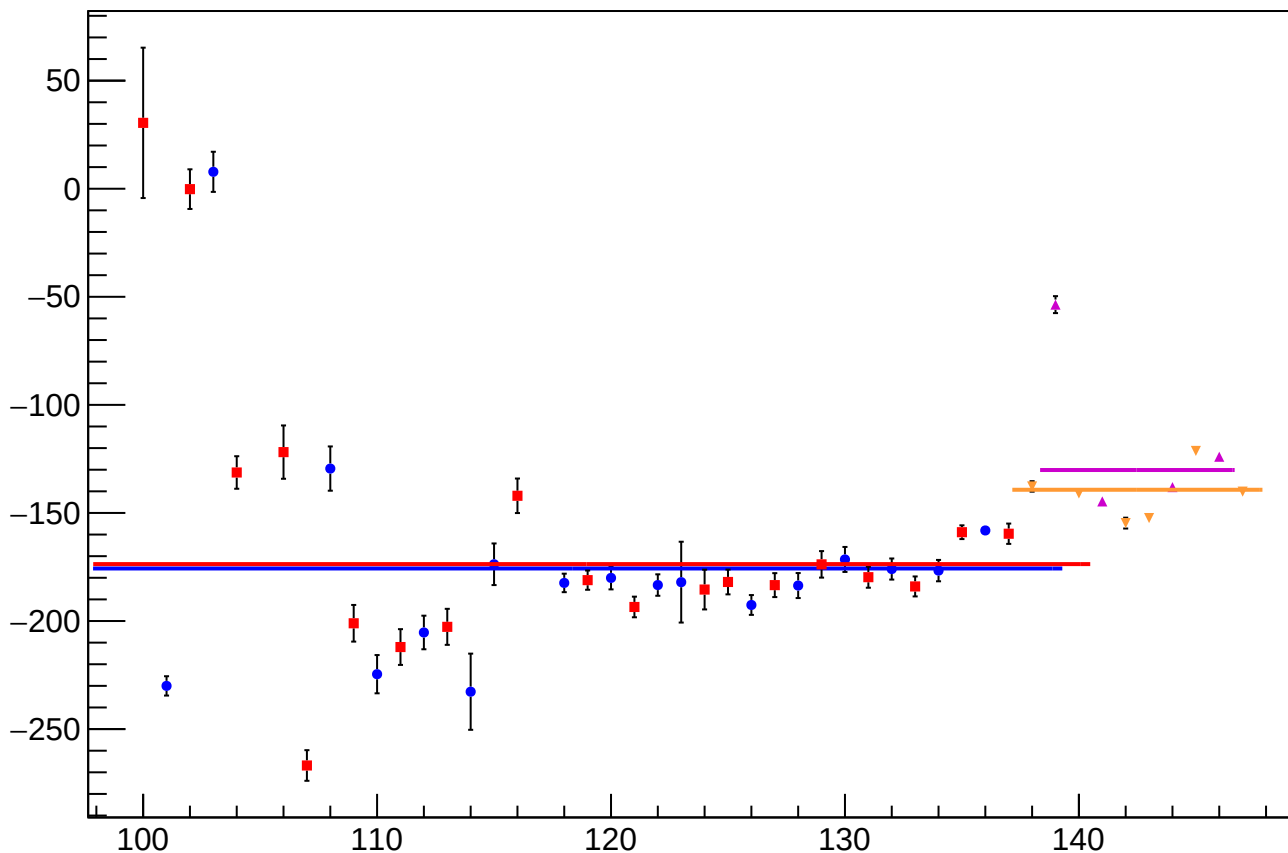
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -137.365 ± 0.987 $\chi^2/\text{NDF}: 522.1/20$

Out: -137.421 ± 0.903 $\chi^2/\text{NDF}: 548.5/24$

All: -137.396 ± 0.666 $\chi^2/\text{NDF}: 1070.6/45$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -139.275 ± 0.837 χ^2/NDF : 180.4/5

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -130.138 ± 0.982 χ^2/NDF : 476.3/3

Left: -135.430 ± 0.637 χ^2/NDF : 706.9/9

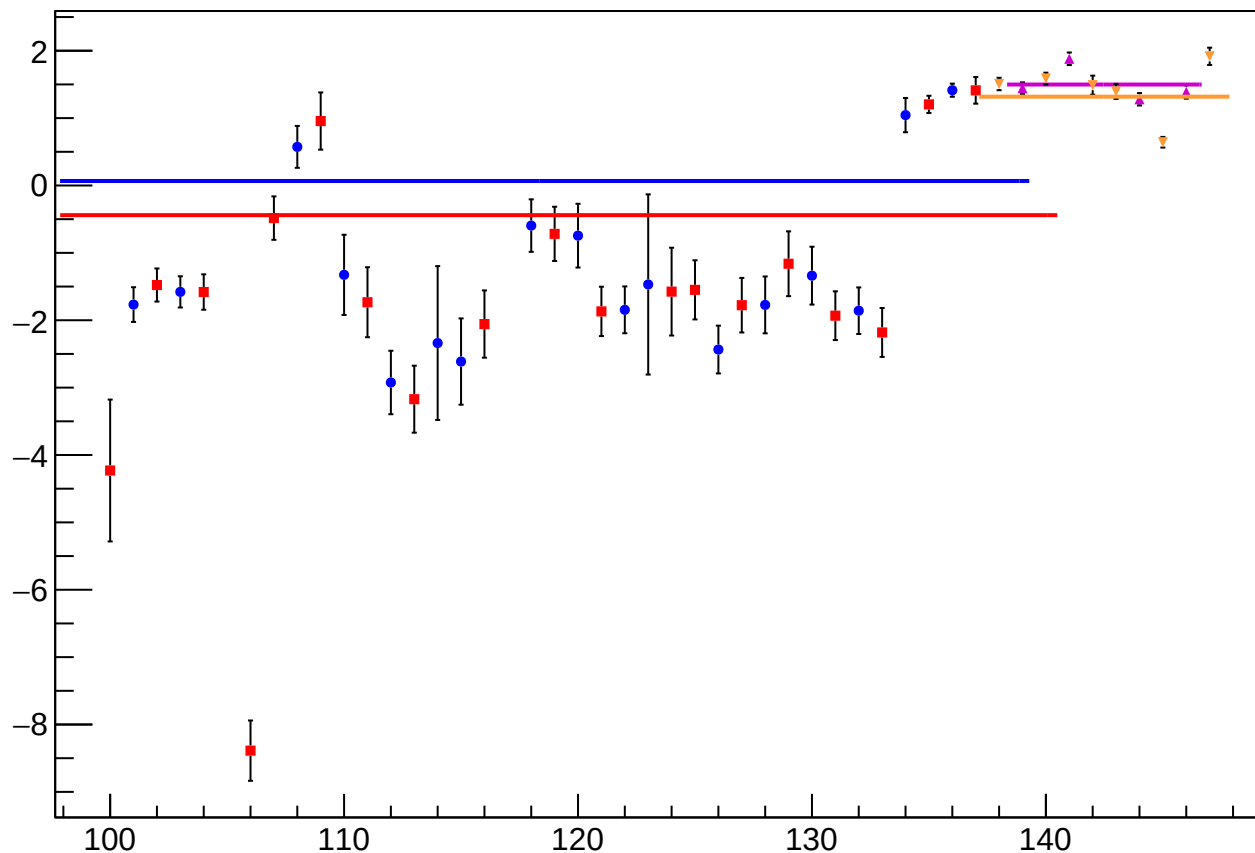
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -147.219 ± 0.776 χ^2/NDF : 1976.7/20

Out: -148.763 ± 0.712 χ^2/NDF : 1384.0/24

All: -148.057 ± 0.525 χ^2/NDF : 3362.9/45

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.318 ± 0.041 χ^2/NDF : 110.4/5

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

Left In: 1.498 ± 0.046 χ^2/NDF : 24.0/3

Left: 1.397 ± 0.031 χ^2/NDF : 142.9/9

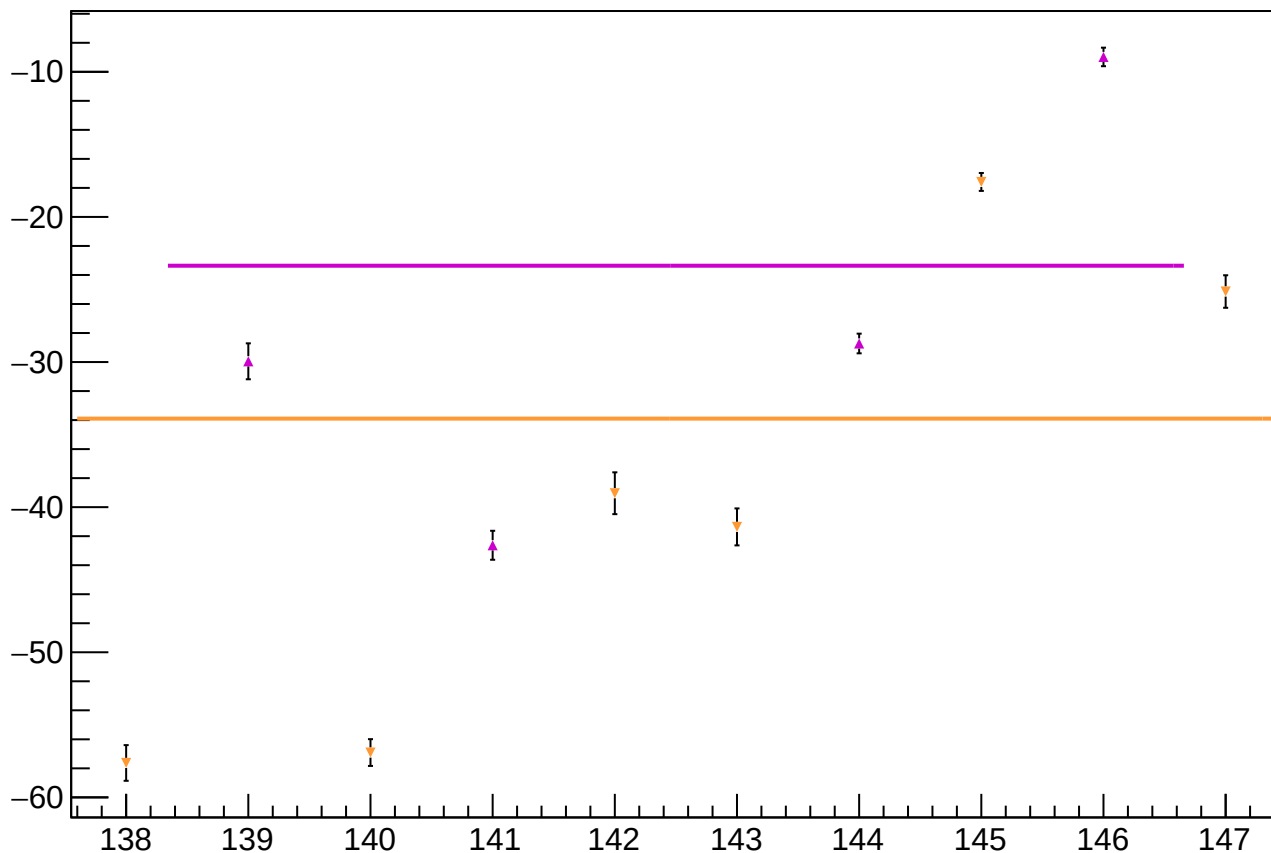
Right: -0.172 ± 0.049 χ^2/NDF : 1308.0/35

In: 1.036 ± 0.038 χ^2/NDF : 859.5/20

Out: 0.882 ± 0.035 χ^2/NDF : 1325.0/24

All: 0.953 ± 0.026 χ^2/NDF : 2193.3/45

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.898+/-0.397 χ^2/NDF :1801.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.361+/-0.399 χ^2/NDF :970.8/3

Left: -28.660+/-0.281 χ^2/NDF : 3122.8/9

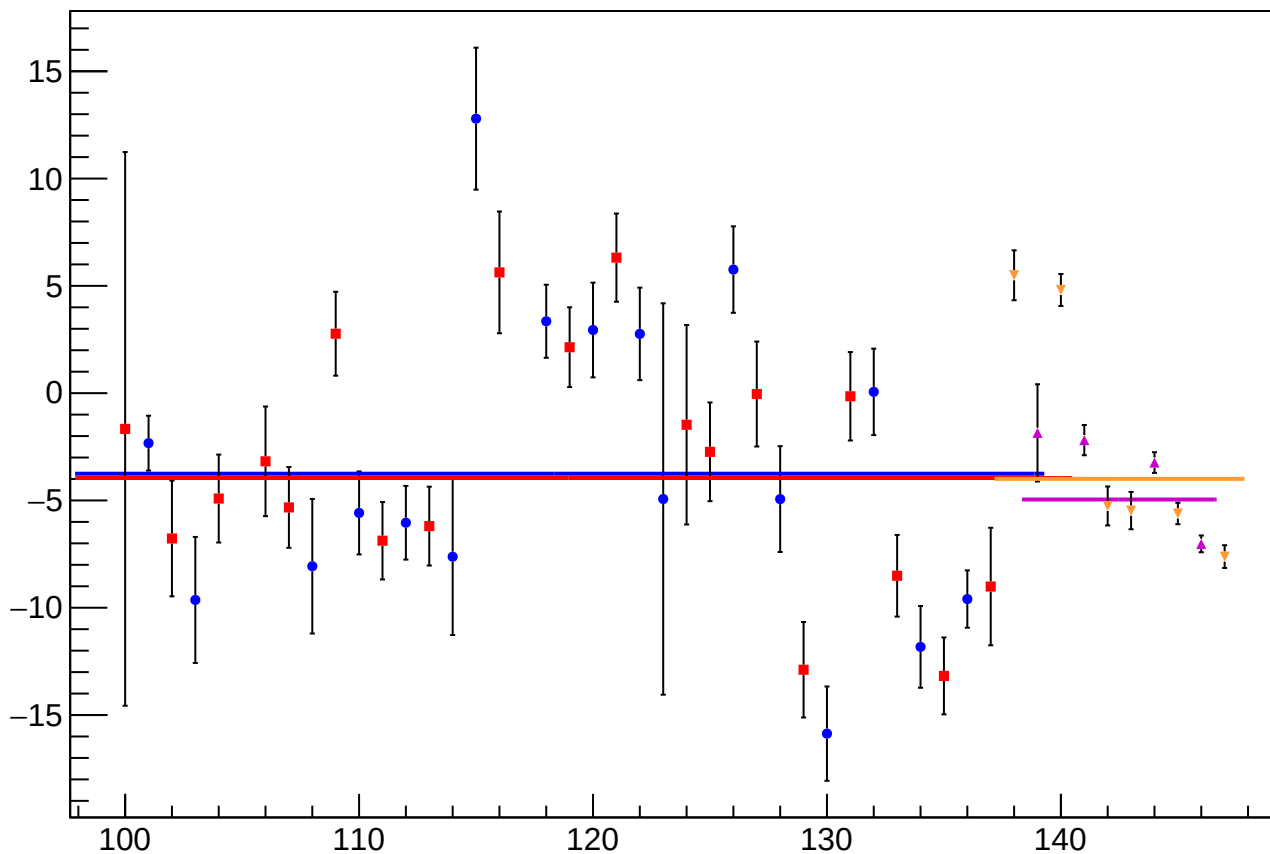
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.361+/-0.399 χ^2/NDF :970.8/3

Out: -33.898+/-0.397 χ^2/NDF :1801.2/5

All: -28.660+/-0.281 χ^2/NDF : 3122.8/9

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -3.994 ± 0.281 $\chi^2/\text{NDF}: 267.8/5$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

Left In: -4.956 ± 0.277 $\chi^2/\text{NDF}: 58.0/3$

Left: -4.483 ± 0.197 $\chi^2/\text{NDF}: 331.8/9$

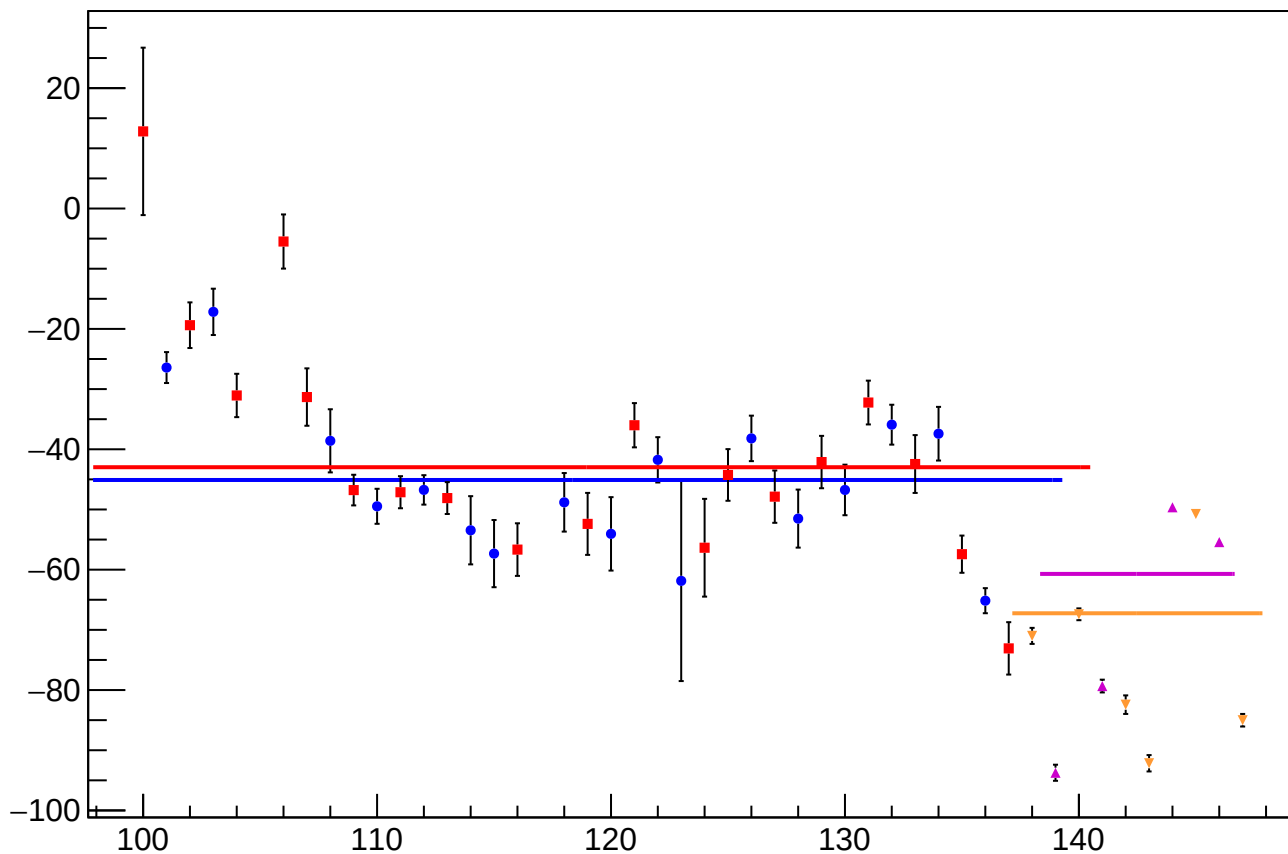
Right: -3.852 ± 0.354 $\chi^2/\text{NDF}: 288.7/35$

In: -4.670 ± 0.242 $\chi^2/\text{NDF}: 227.8/20$

Out: -3.985 ± 0.246 $\chi^2/\text{NDF}: 391.1/24$

All: -4.333 ± 0.172 $\chi^2/\text{NDF}: 622.9/45$

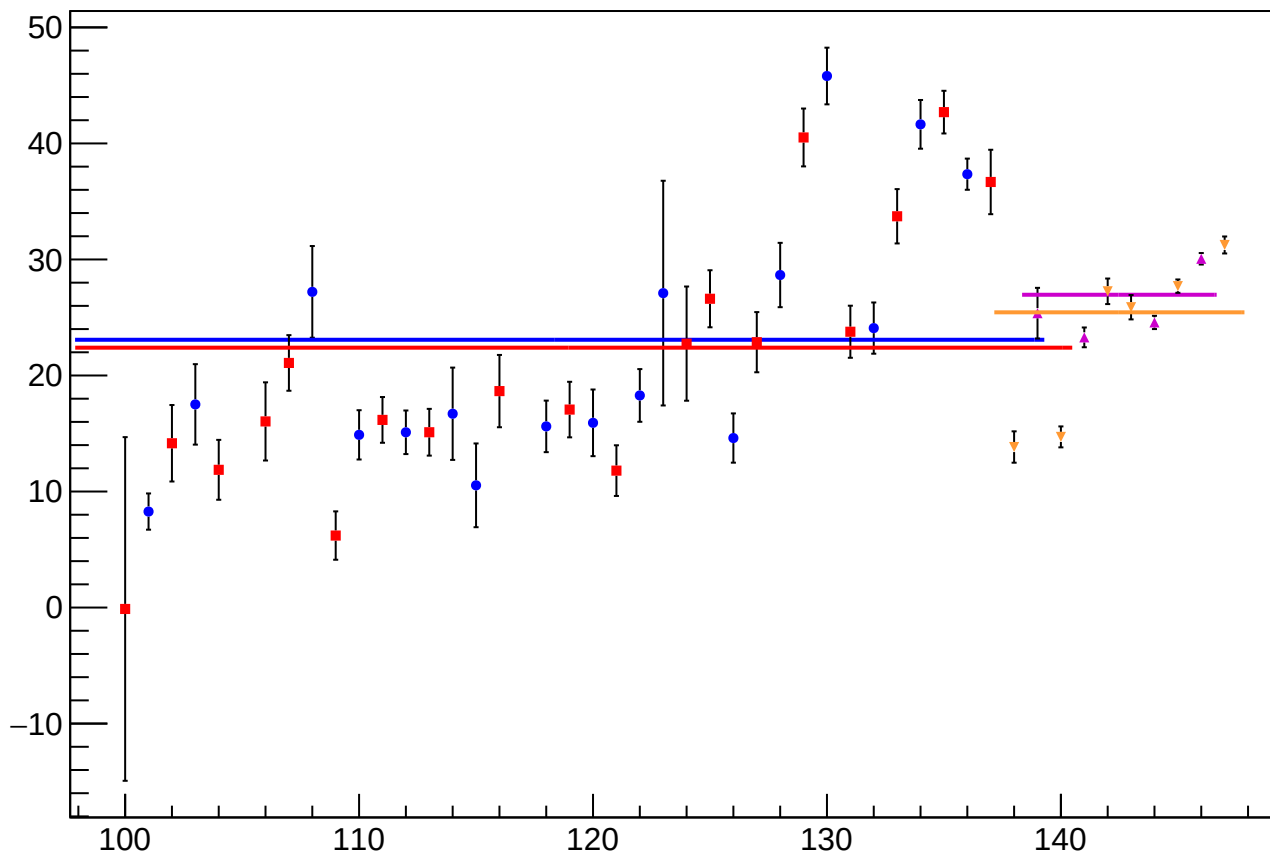
reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16
 Left Out: -67.245 ± 0.415 χ^2/NDF : 1362.6/5
 Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18
 Left In: -60.705 ± 0.408 χ^2/NDF : 1223.8/3

Left: -63.921 ± 0.291 χ^2/NDF : 2712.5/9
 Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35
 In: -57.944 ± 0.371 χ^2/NDF : 1711.9/20
 Out: -62.806 ± 0.375 χ^2/NDF : 2236.5/24
 All: -60.344 ± 0.264 χ^2/NDF : 4033.4/45

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 25.443 $\pm$ 0.345 χ^2 /NDF:296.3/5

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

Left In: 26.958 $\pm$ 0.339 χ^2 /NDF:75.7/3

Left: 26.215 $\pm$ 0.242 χ^2 /NDF: 381.8/9

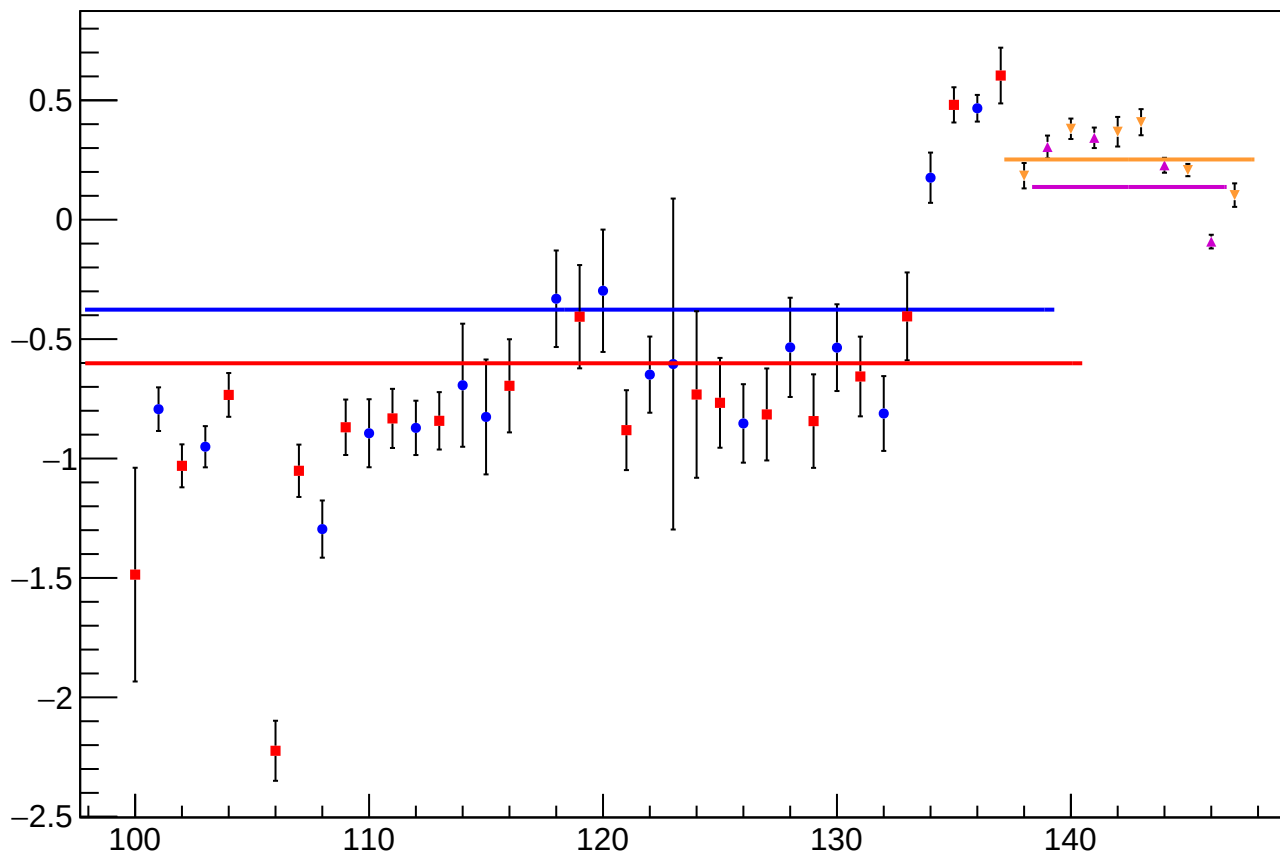
Right: 22.748 $\pm$ 0.399 χ^2 /NDF: 832.1/35

In: 25.908 $\pm$ 0.289 χ^2 /NDF:572.3/20

Out: 24.631 $\pm$ 0.296 χ^2 /NDF:687.3/24

All: 25.283 $\pm$ 0.207 χ^2 /NDF: 1269.2/45

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.252 ± 0.017 $\chi^2/\text{NDF}: 34.5/5$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

Left In: 0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

Left: 0.196 ± 0.012 $\chi^2/\text{NDF}: 163.9/9$

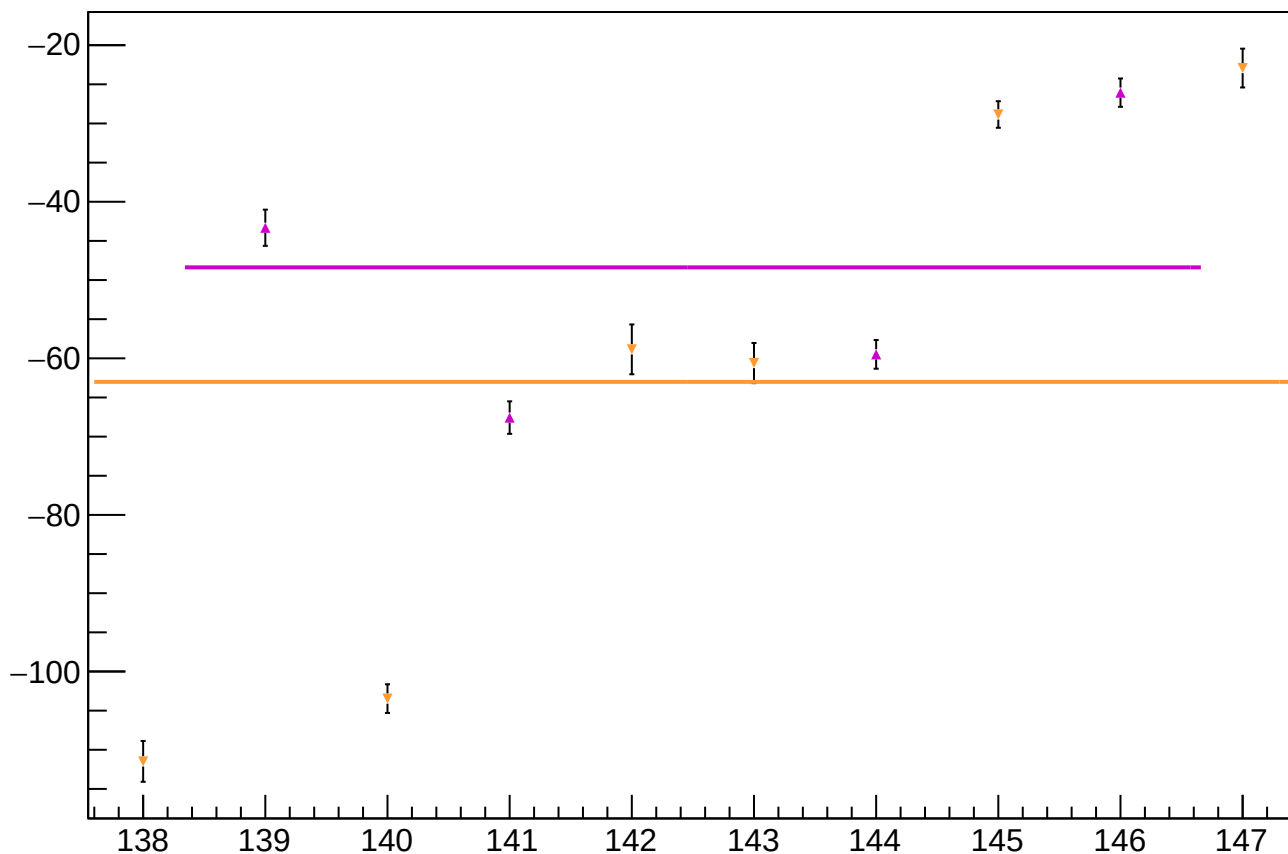
Right: -0.489 ± 0.021 $\chi^2/\text{NDF}: 1020.5/35$

In: 0.006 ± 0.015 $\chi^2/\text{NDF}: 761.9/20$

Out: 0.045 ± 0.015 $\chi^2/\text{NDF}: 1195.3/24$

All: 0.026 ± 0.011 $\chi^2/\text{NDF}: 1960.5/45$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -63.008+/-0.910 χ^2/NDF :1504.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.380+/-0.989 χ^2/NDF :279.0/3

Left: -56.302+/-0.670 χ^2/NDF : 1901.6/9

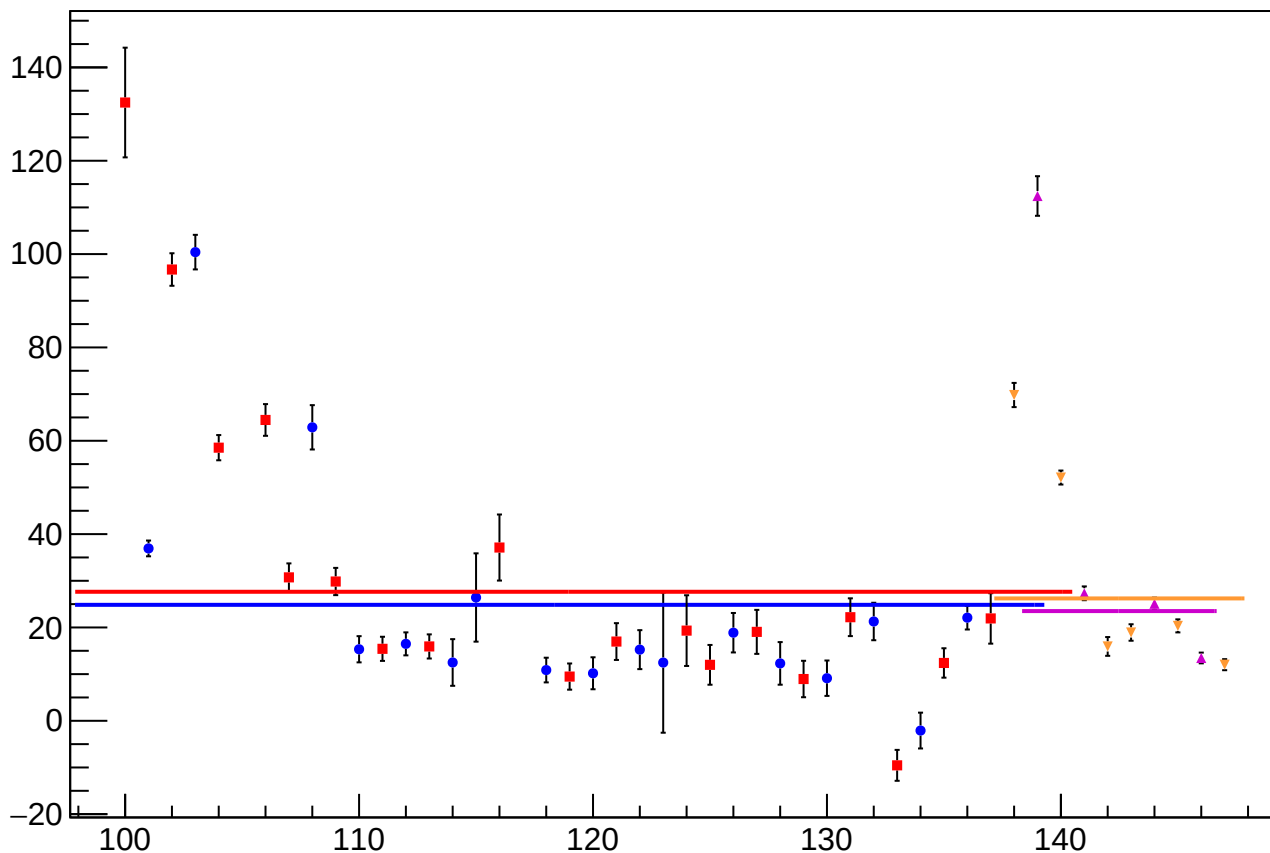
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.380+/-0.989 χ^2/NDF :279.0/3

Out: -63.008+/-0.910 χ^2/NDF :1504.2/5

All: -56.302+/-0.670 χ^2/NDF : 1901.6/9

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 26.220 $\pm$ 0.647 χ^2 /NDF:785.6/5

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

Left In: 23.509 $\pm$ 0.735 χ^2 /NDF:523.9/3

Left: 25.036 $\pm$ 0.486 χ^2 /NDF: 1317.1/9

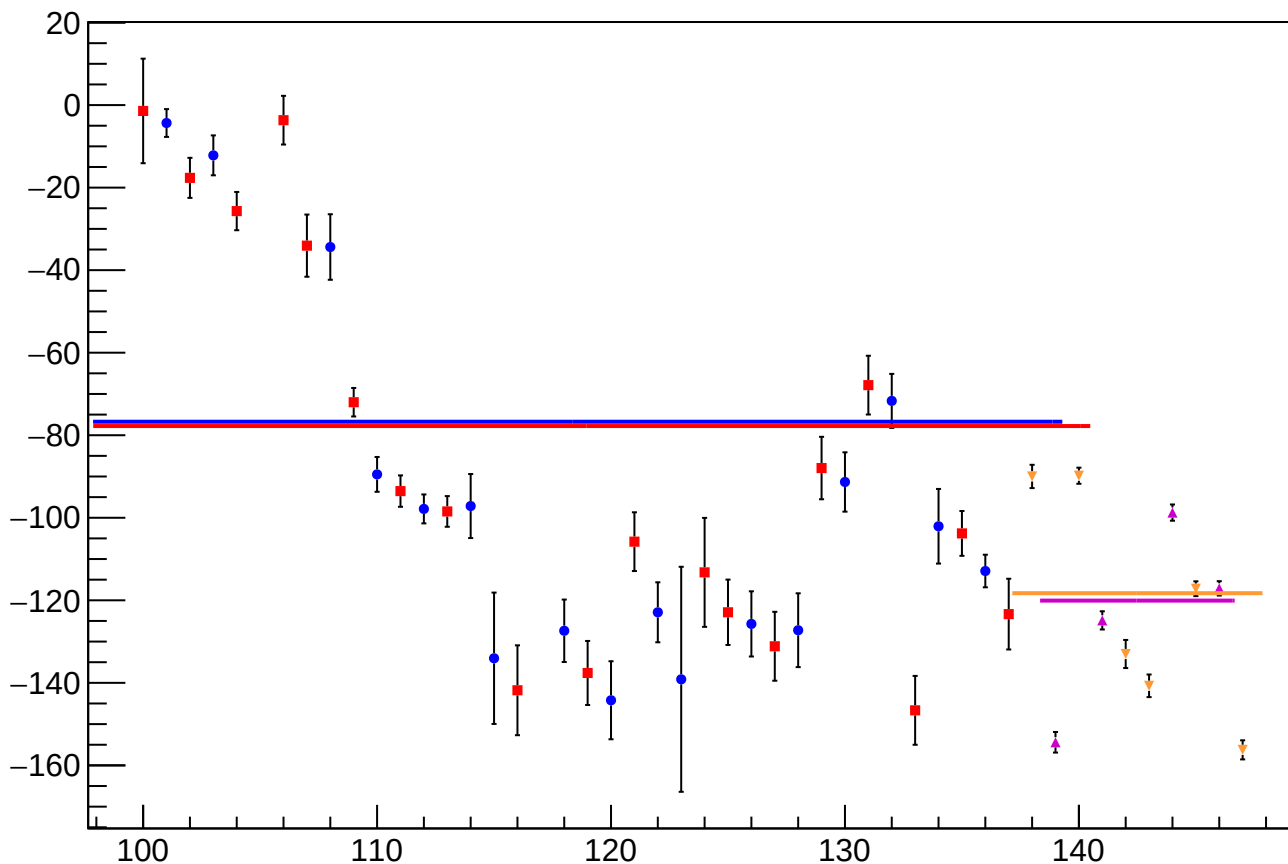
Right: 26.231 $\pm$ 0.570 χ^2 /NDF: 1706.0/35

In: 24.121 $\pm$ 0.542 χ^2 /NDF:1216.2/20

Out: 26.776 $\pm$ 0.506 χ^2 /NDF:1796.6/24

All: 25.540 $\pm$ 0.370 χ^2 /NDF: 3025.7/45

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 +/- 1.412 χ^2/NDF : 1042.0/16

Left Out: -118.274 +/- 0.951 χ^2/NDF : 668.5/5

Right Out: -77.773 +/- 1.352 χ^2/NDF : 871.8/18

Left In: -120.072 +/- 1.023 χ^2/NDF : 314.3/3

Left: -119.108 +/- 0.697 χ^2/NDF : 984.5/9

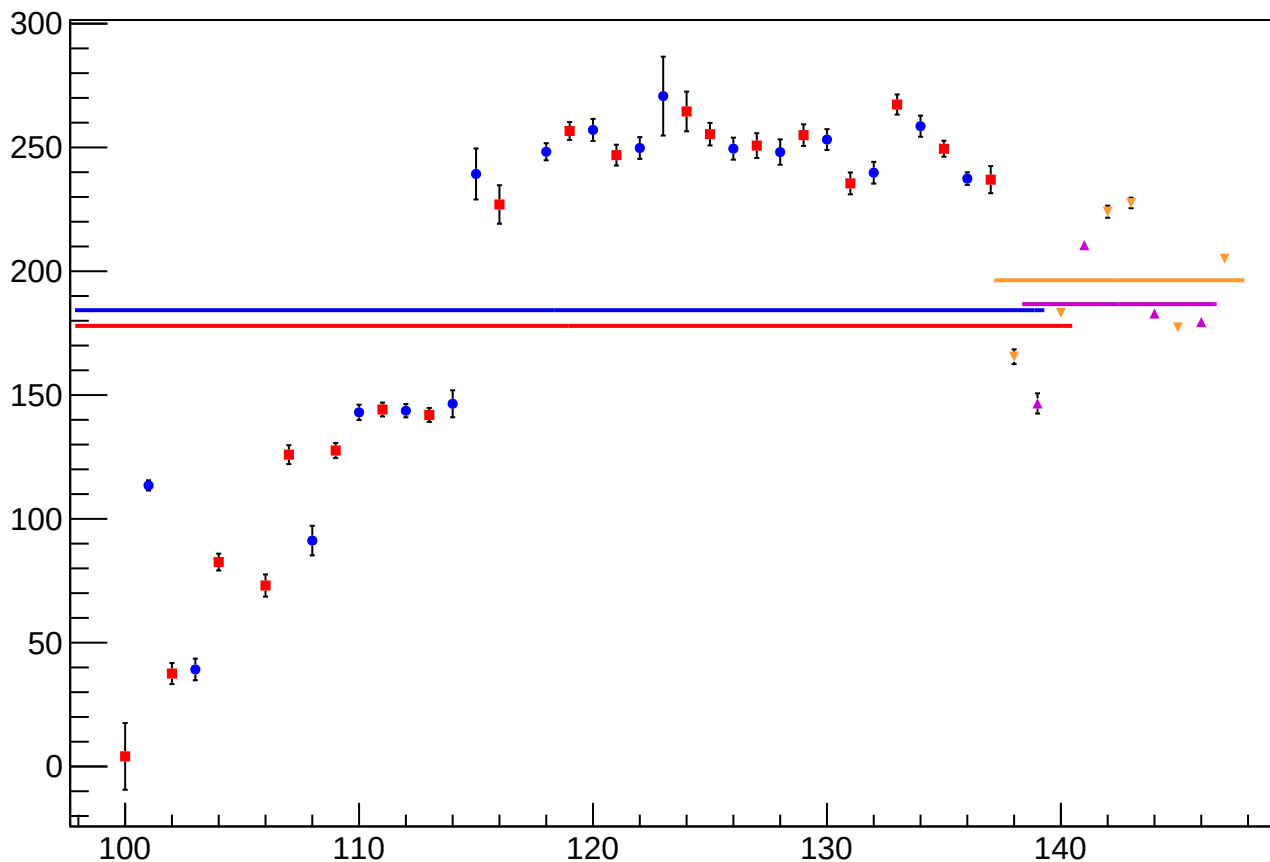
Right: -77.273 +/- 0.977 χ^2/NDF : 1914.1/35

In: -105.150 +/- 0.829 χ^2/NDF : 1974.1/20

Out: -104.872 +/- 0.778 χ^2/NDF : 2140.5/24

All: -105.002 +/- 0.567 χ^2/NDF : 4114.6/45

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 196.367 $\pm$ 0.796 χ^2 /NDF: 676.1/5

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

Left In: 186.736 $\pm$ 0.884 χ^2 /NDF: 307.1/3

Left: 192.054 $\pm$ 0.592 χ^2 /NDF: 1048.6/9

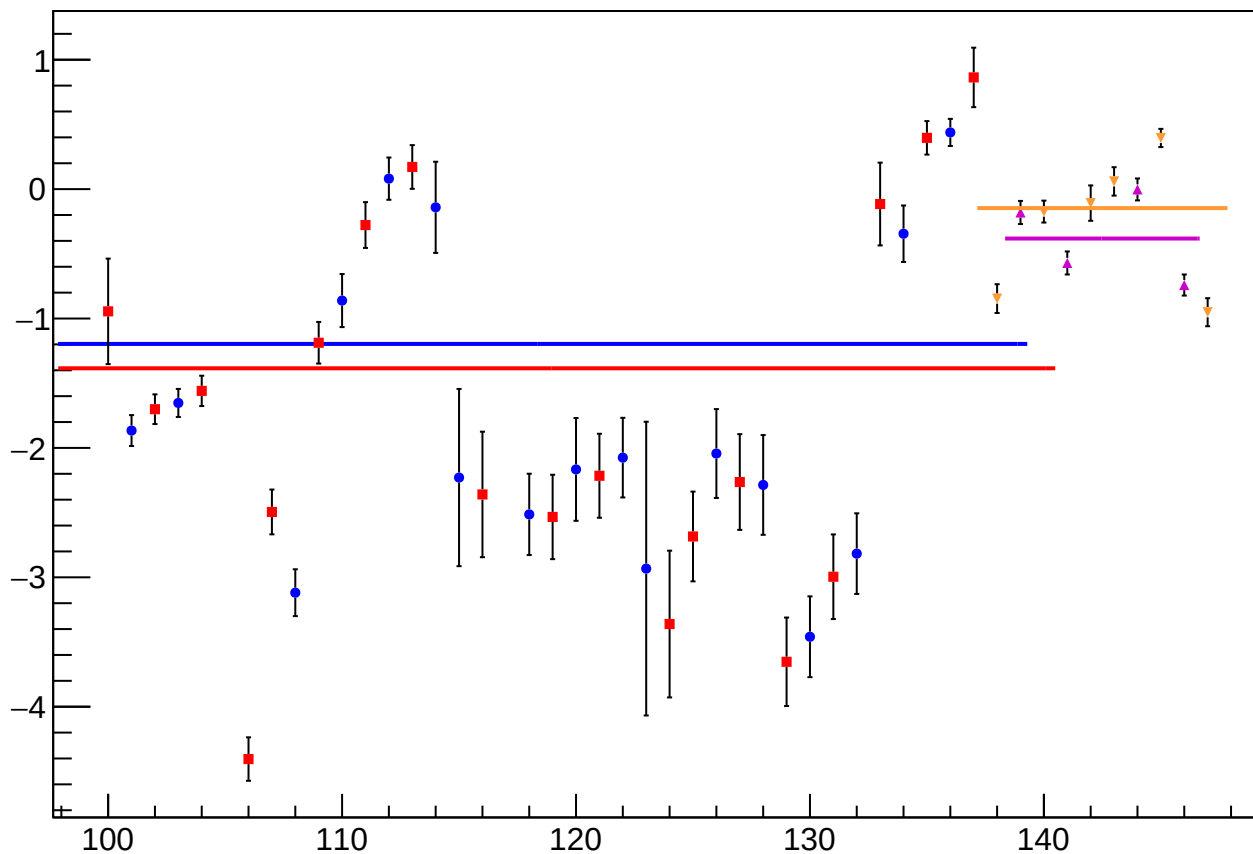
Right: 181.136 $\pm$ 0.650 χ^2 /NDF: 11755.7/35

In: 185.544 $\pm$ 0.635 χ^2 /NDF: 5711.8/20

Out: 188.507 $\pm$ 0.603 χ^2 /NDF: 7235.4/24

All: 187.102 $\pm$ 0.438 χ^2 /NDF: 12958.7/45

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.147 ± 0.039 χ^2/NDF : 157.7/5

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

Left In: -0.382 ± 0.043 χ^2/NDF : 49.1/3

Left: -0.254 ± 0.029 χ^2/NDF : 223.0/9

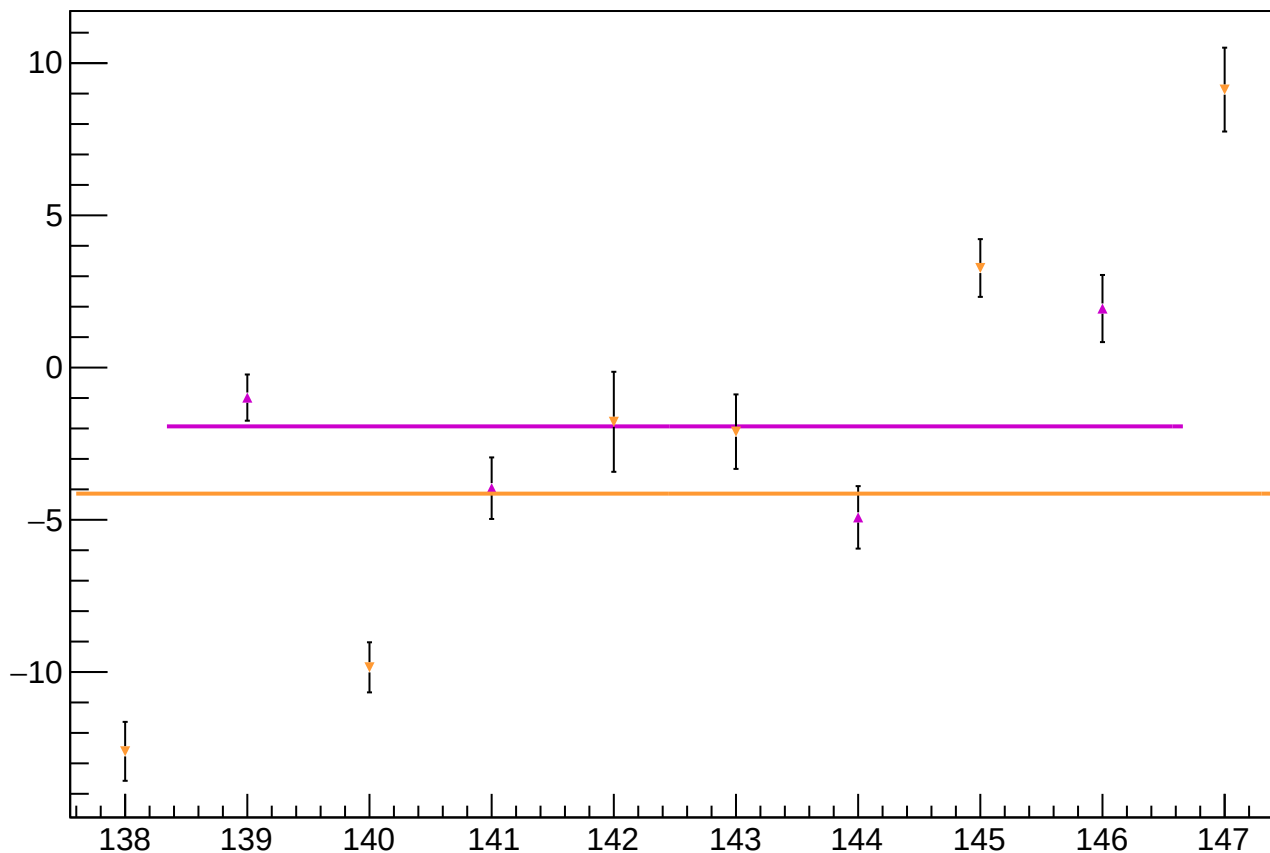
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.744 ± 0.032 χ^2/NDF : 831.6/20

Out: -0.674 ± 0.030 χ^2/NDF : 1502.3/24

All: -0.706 ± 0.022 χ^2/NDF : 2336.4/45

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.140+/-0.438 χ^2/NDF : 283.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.931+/-0.472 χ^2/NDF : 26.4/3

Left: -3.119+/-0.321 χ^2/NDF : 321.5/9

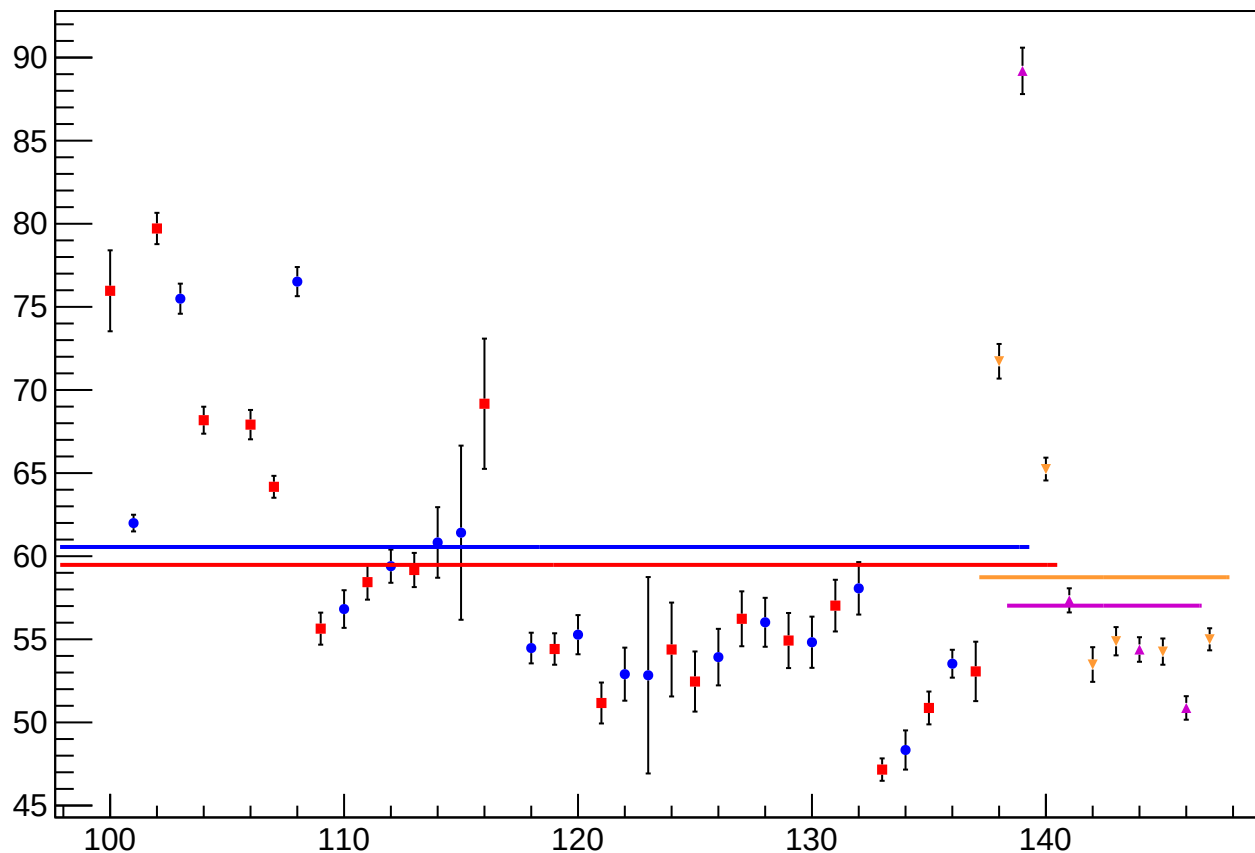
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.931+/-0.472 χ^2/NDF : 26.4/3

Out: -4.140+/-0.438 χ^2/NDF : 283.3/5

All: -3.119+/-0.321 χ^2/NDF : 321.5/9

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 58.734 ± 0.329 $\chi^2/\text{NDF}: 355.2/5$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

Left In: 57.024 ± 0.400 $\chi^2/\text{NDF}: 619.6/3$

Left: 58.044 ± 0.254 $\chi^2/\text{NDF}: 985.7/9$

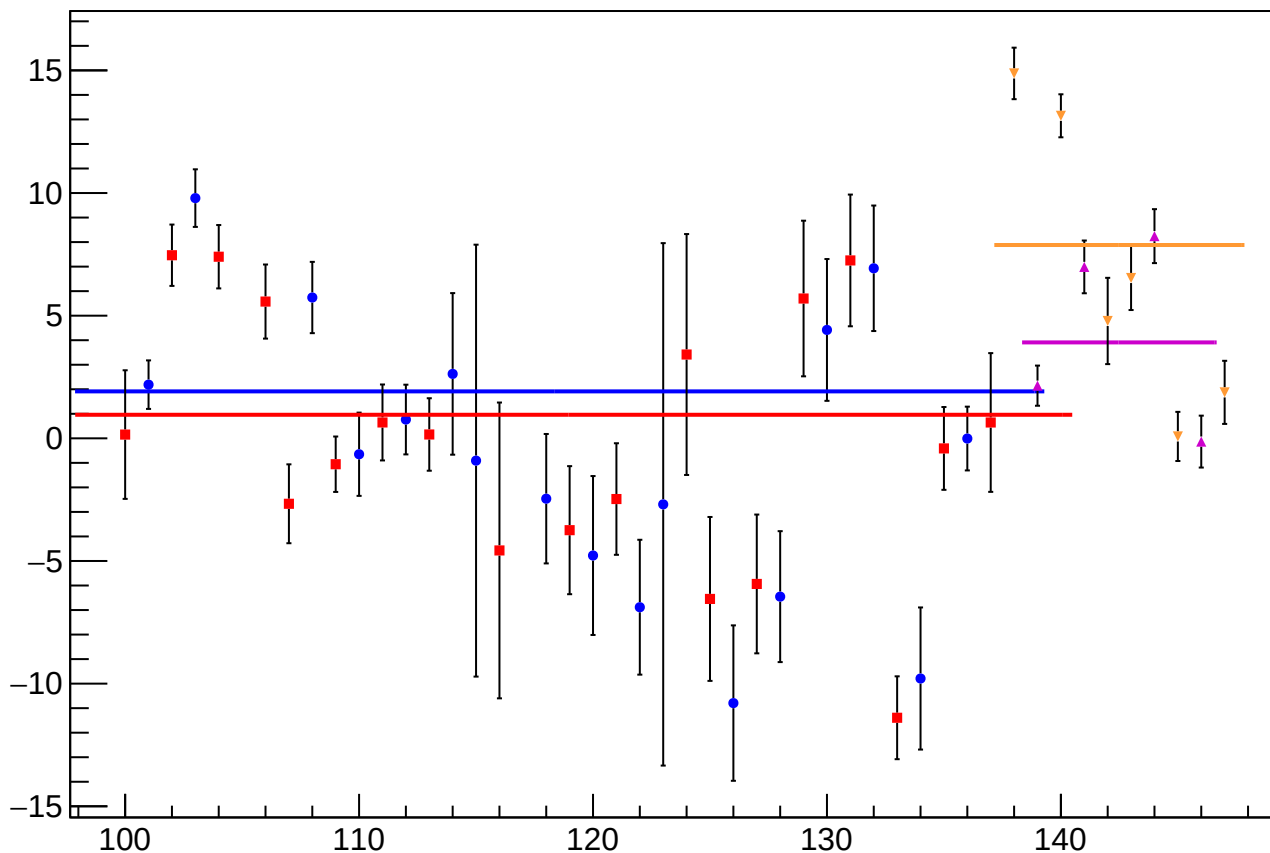
Right: 59.987 ± 0.180 $\chi^2/\text{NDF}: 2256.7/35$

In: 59.498 ± 0.219 $\chi^2/\text{NDF}: 1604.9/20$

Out: 59.209 ± 0.198 $\chi^2/\text{NDF}: 1675.4/24$

All: 59.339 ± 0.147 $\chi^2/\text{NDF}: 3281.3/45$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 7.881 ± 0.460 χ^2/NDF : 167.2/5

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

Left In: 3.910 ± 0.495 χ^2/NDF : 43.0/3

Left: 6.041 ± 0.337 χ^2/NDF : 244.6/9

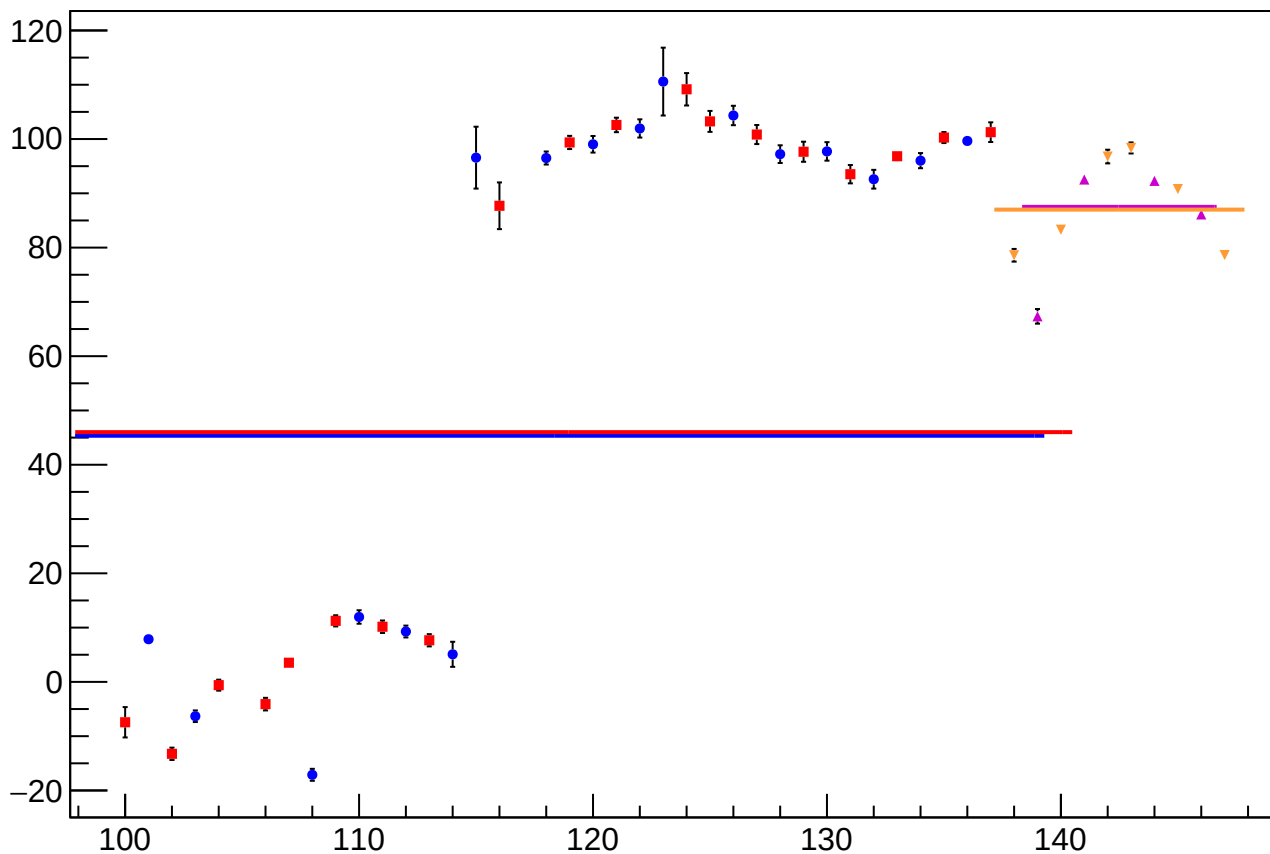
Right: 1.401 ± 0.311 χ^2/NDF : 273.4/35

In: 2.834 ± 0.336 χ^2/NDF : 173.3/20

Out: 4.139 ± 0.312 χ^2/NDF : 438.9/24

All: 3.535 ± 0.229 χ^2/NDF : 620.3/45

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344 ± 0.303 χ^2/NDF : 25071.0/16

Left Out: 86.999 ± 0.400 χ^2/NDF : 359.6/5

Right Out: 46.007 ± 0.289 χ^2/NDF : 28219.9/18

Left In: 87.502 ± 0.472 χ^2/NDF : 290.4/3

Left: 87.210 ± 0.305 χ^2/NDF : 650.6/9

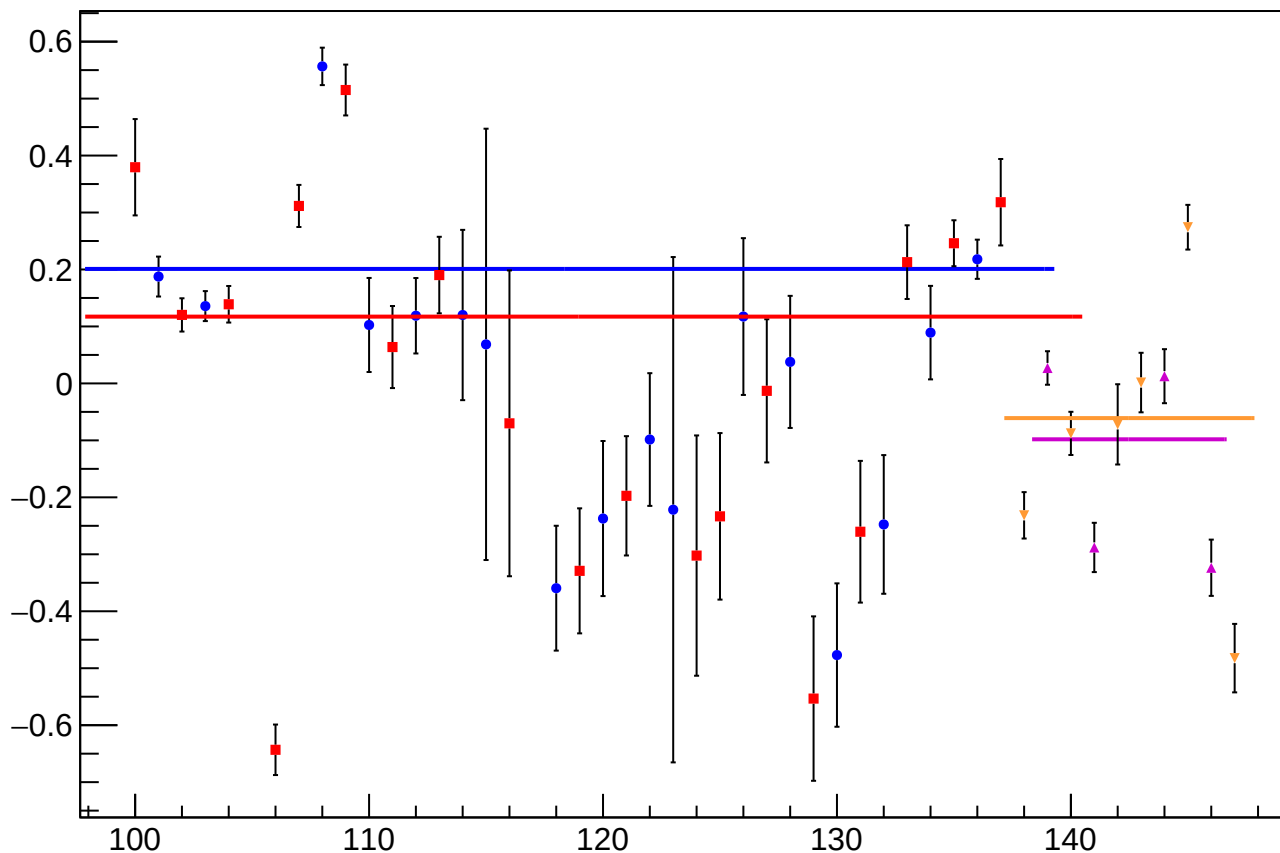
Right: 45.691 ± 0.209 χ^2/NDF : 53293.4/35

In: 57.675 ± 0.255 χ^2/NDF : 31015.0/20

Out: 60.083 ± 0.235 χ^2/NDF : 35465.7/24

All: 58.979 ± 0.173 χ^2/NDF : 66528.9/45

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.061 ± 0.019 χ^2/NDF : 141.6/5

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

Left In: -0.098 ± 0.020 χ^2/NDF : 63.7/3

Left: -0.079 ± 0.014 χ^2/NDF : 207.1/9

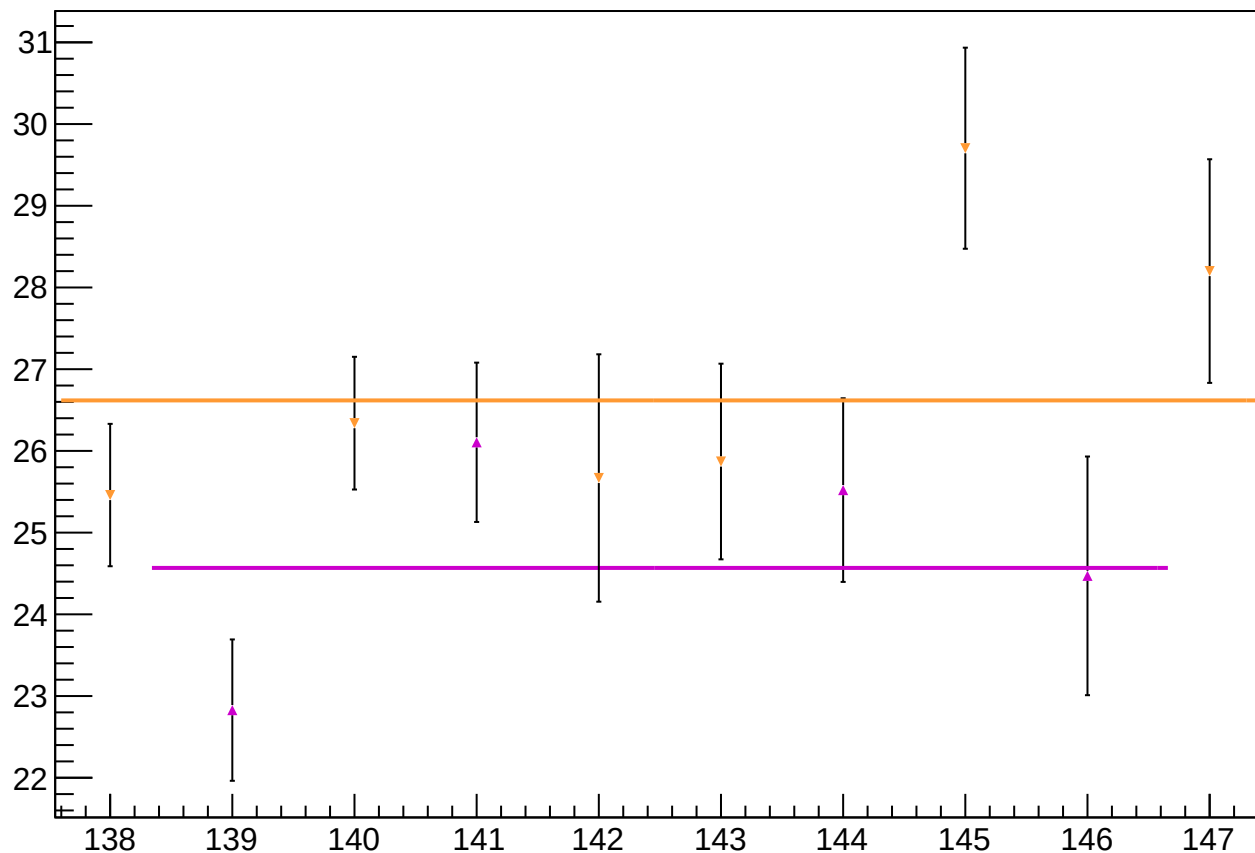
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: 0.101 ± 0.011 χ^2/NDF : 433.1/20

Out: 0.060 ± 0.011 χ^2/NDF : 701.9/24

All: 0.079 ± 0.008 χ^2/NDF : 1141.9/45

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.618 $\pm$ 0.440 χ^2 /NDF:10.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Left: 25.769 $\pm$ 0.337 χ^2 /NDF: 26.5/9

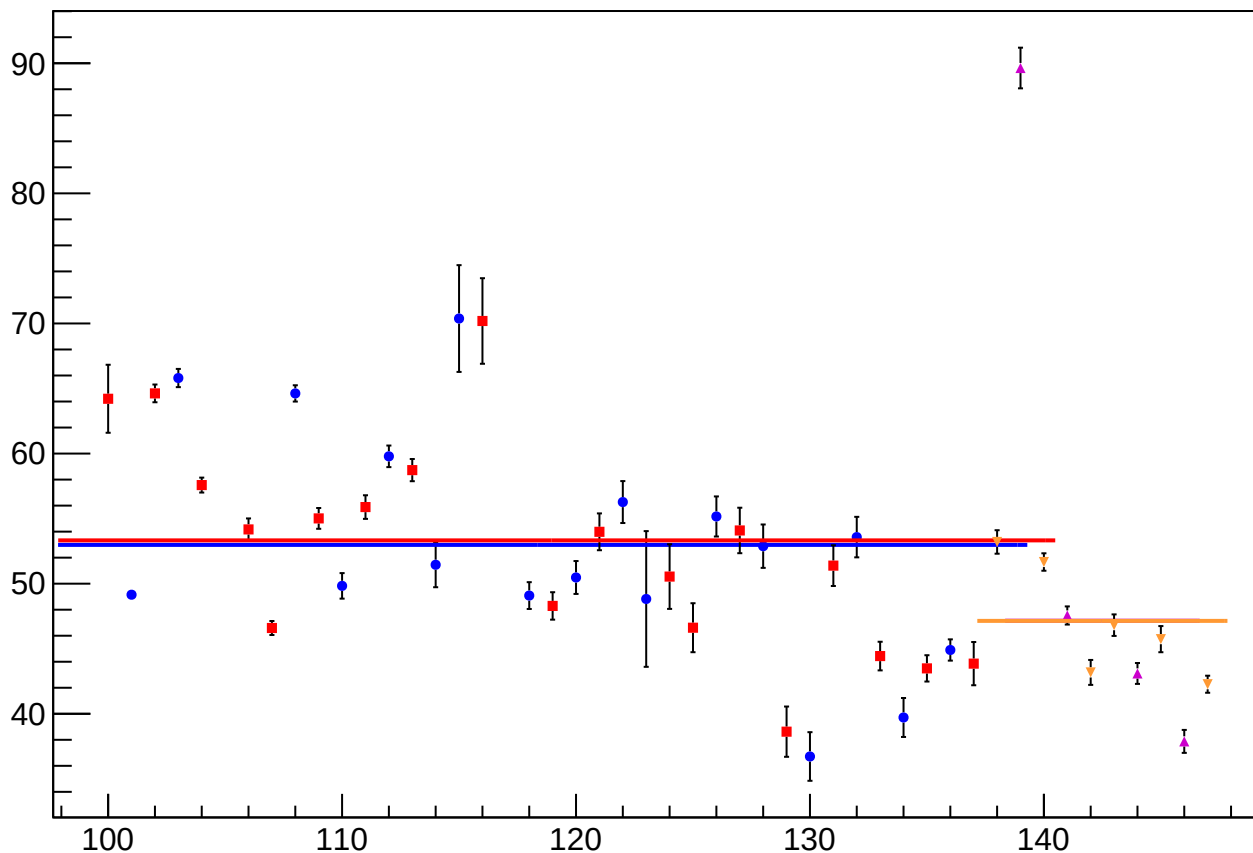
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Out: 26.618 $\pm$ 0.440 χ^2 /NDF:10.3/5

All: 25.769 $\pm$ 0.337 χ^2 /NDF: 26.5/9

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF : 1197.8/16

Left Out: 47.140+/-0.328 χ^2/NDF : 165.1/5

Right Out: 53.328+/-0.227 χ^2/NDF : 872.7/18

Left In: 47.153+/-0.434 χ^2/NDF : 874.9/3

Left: 47.145+/-0.262 χ^2/NDF : 1039.9/9

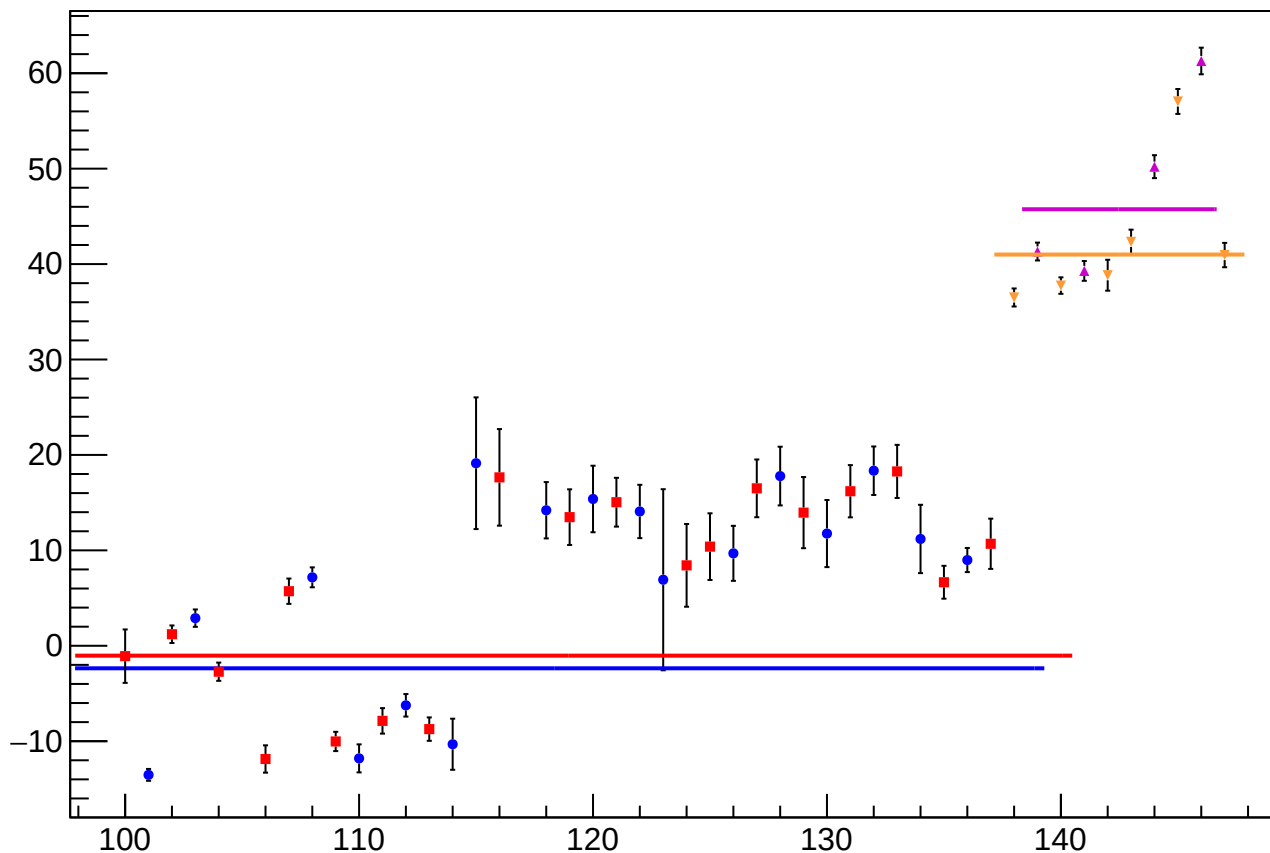
Right: 53.141+/-0.154 χ^2/NDF : 2071.7/35

In: 51.876+/-0.189 χ^2/NDF : 2218.5/20

Out: 51.324+/-0.186 χ^2/NDF : 1279.0/24

All: 51.596+/-0.133 χ^2/NDF : 3501.9/45

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 40.997 ± 0.464 χ^2/NDF : 190.8/5

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

Left In: 45.746 ± 0.552 χ^2/NDF : 199.0/3

Left: 42.960 ± 0.355 χ^2/NDF : 433.2/9

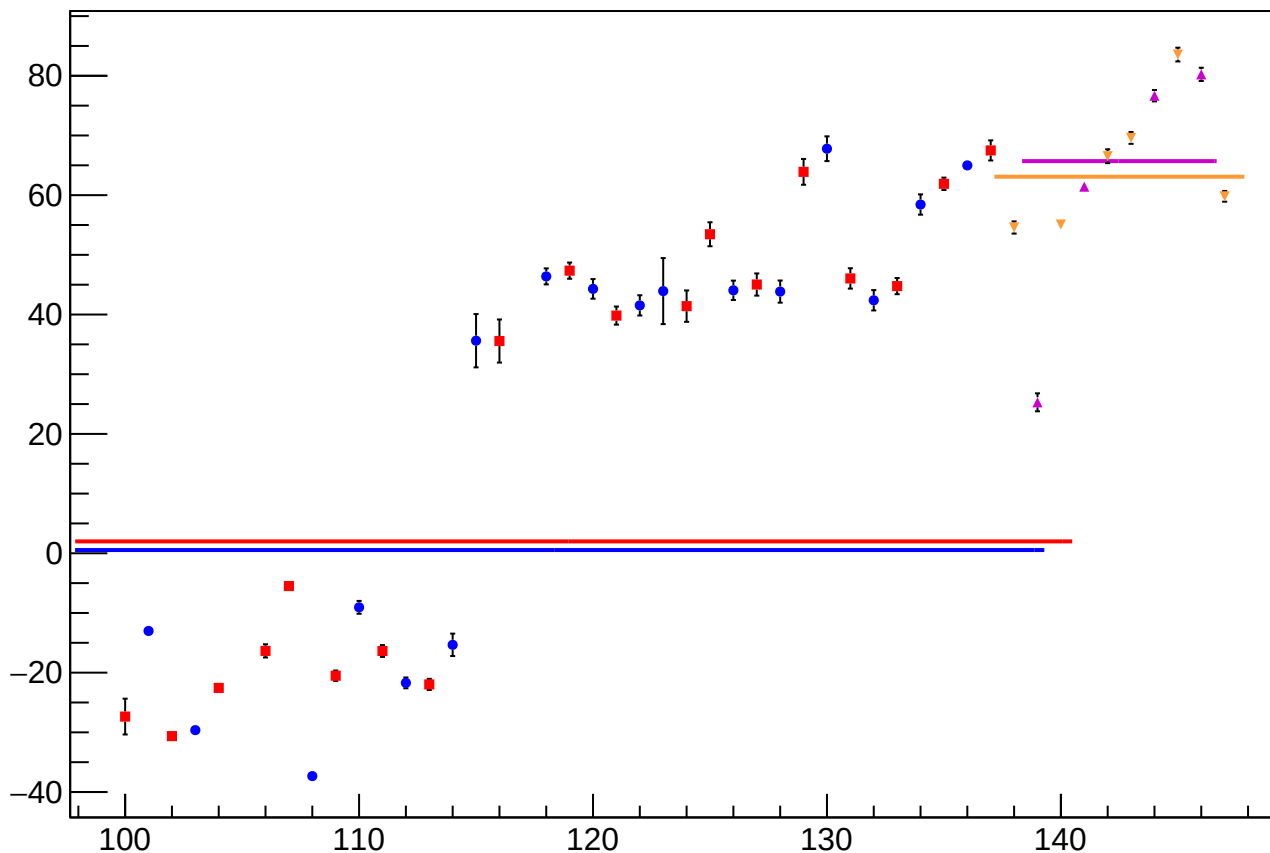
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 12.193 ± 0.304 χ^2/NDF : 6329.3/20

Out: 15.684 ± 0.292 χ^2/NDF : 5645.1/24

All: 14.005 ± 0.211 χ^2/NDF : 12042.9/45

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 63.093 ± 0.401 χ^2/NDF : 545.8/5

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

Left In: 65.703 ± 0.514 χ^2/NDF : 1051.3/3

Left: 64.079 ± 0.316 χ^2/NDF : 1613.2/9

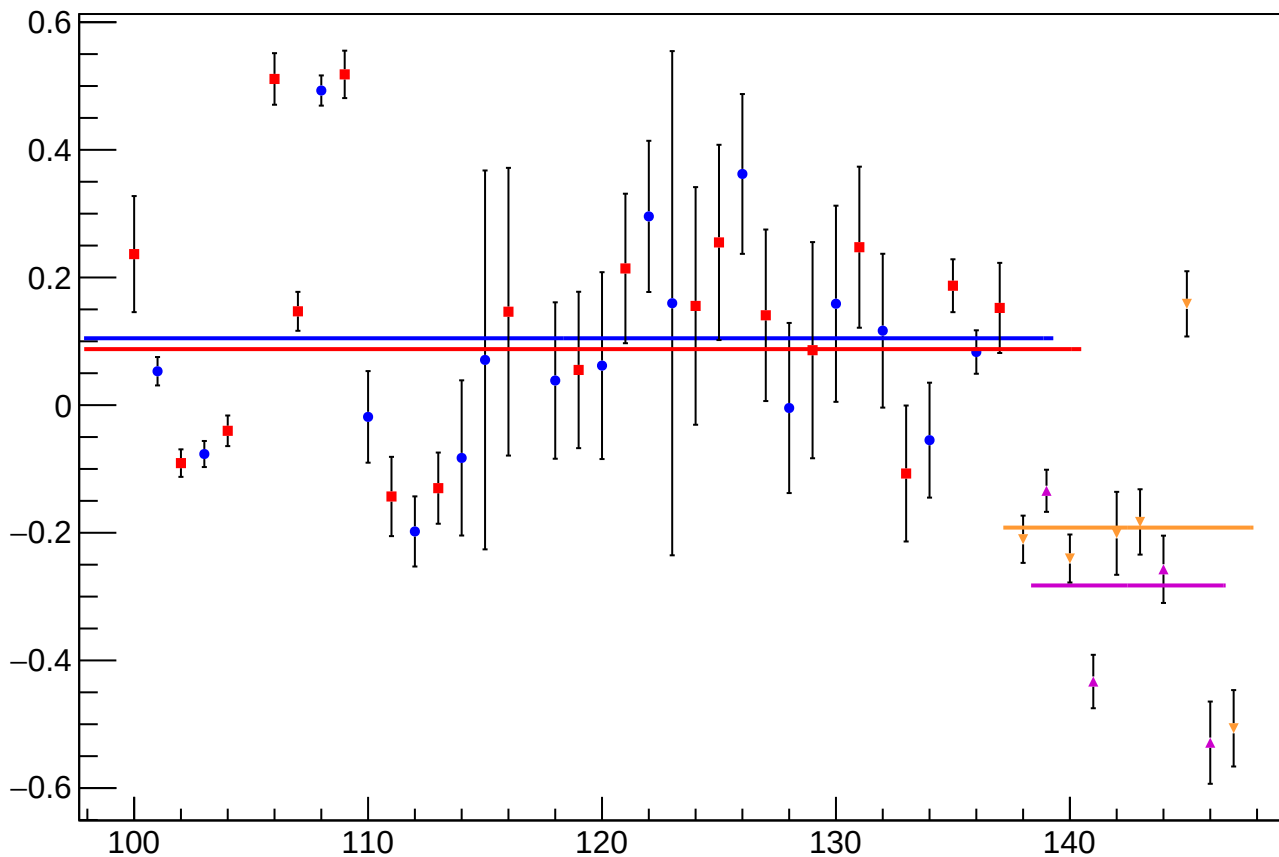
Right: 1.210 ± 0.181 χ^2/NDF : 33916.4/35

In: 12.734 ± 0.222 χ^2/NDF : 32528.4/20

Out: 20.741 ± 0.222 χ^2/NDF : 32152.8/24

All: 16.747 ± 0.157 χ^2/NDF : 65330.7/45

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.192 ± 0.019 χ^2/NDF : 76.6/5

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.283 ± 0.022 χ^2/NDF : 48.0/3

Left: -0.231 ± 0.014 χ^2/NDF : 134.2/9

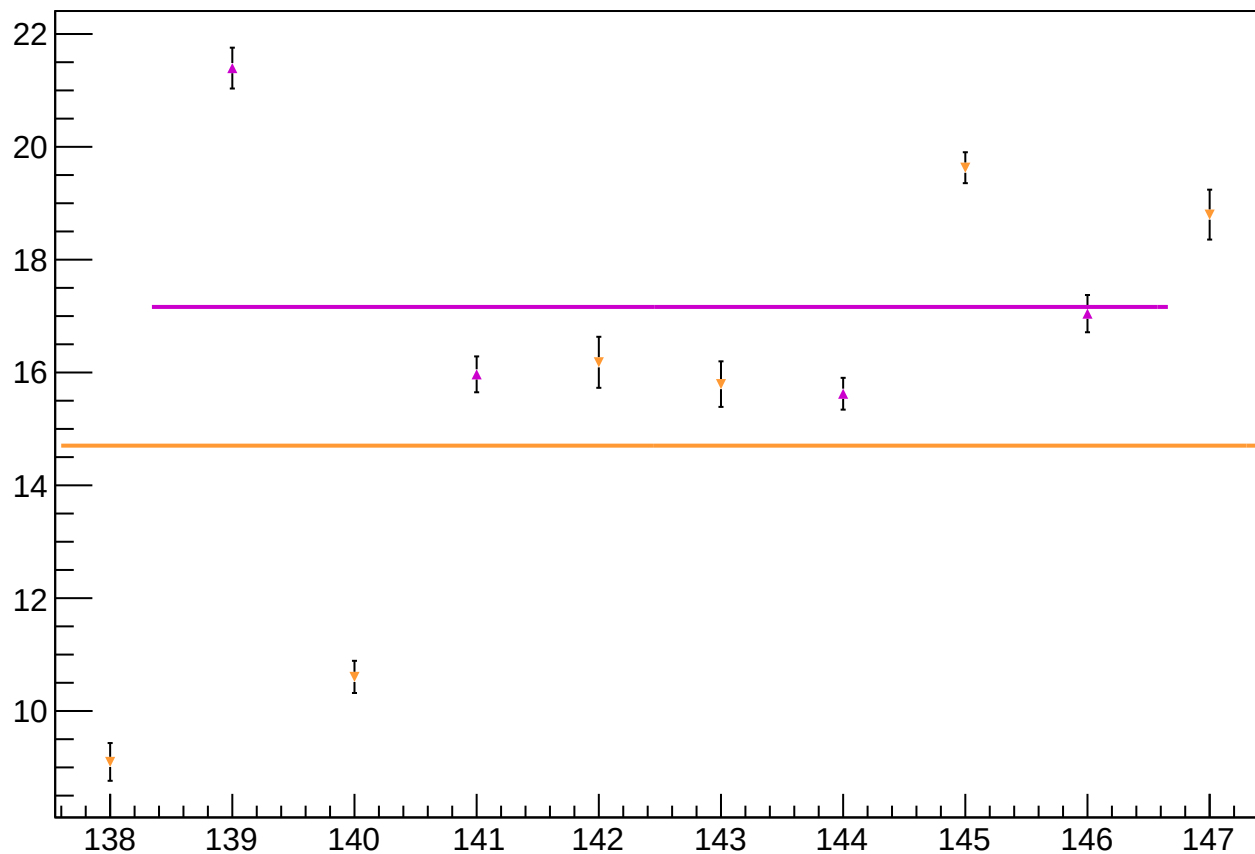
Right: 0.096 ± 0.008 χ^2/NDF : 792.9/35

In: 0.026 ± 0.010 χ^2/NDF : 698.6/20

Out: 0.019 ± 0.010 χ^2/NDF : 627.4/24

All: 0.022 ± 0.007 χ^2/NDF : 1326.4/45

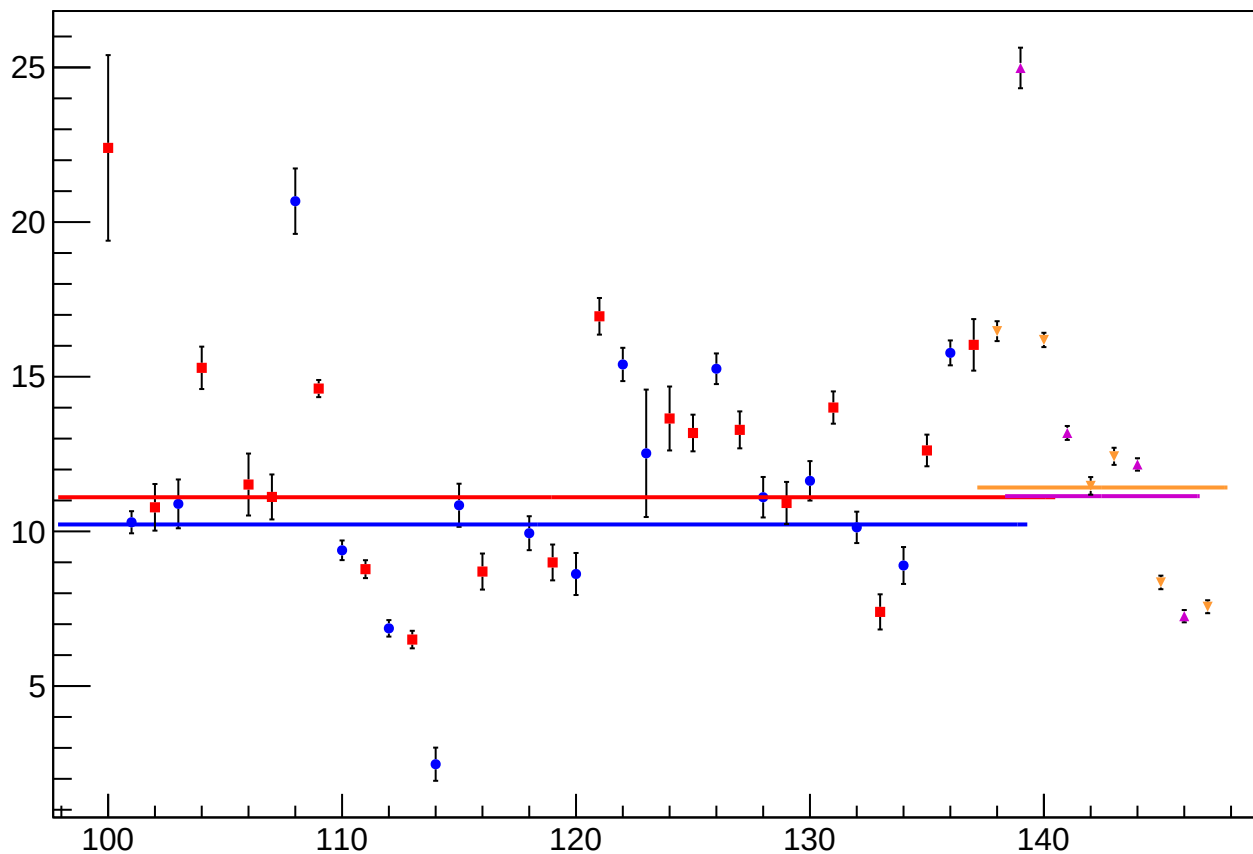
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.704 $\pm$ 0.140 χ^2 /NDF:913.9/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 17.162 $\pm$ 0.160 χ^2 /NDF:180.8/3

Left: 15.778 $\pm$ 0.105 χ^2 /NDF: 1228.5/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 17.162 $\pm$ 0.160 χ^2 /NDF:180.8/3
 Out: 14.704 $\pm$ 0.140 χ^2 /NDF:913.9/5
 All: 15.778 $\pm$ 0.105 χ^2 /NDF: 1228.5/9

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 11.419 $\pm$ 0.101 χ^2 /NDF:1219.7/5

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

Left In: 11.139 $\pm$ 0.118 χ^2 /NDF:933.7/3

Left: 11.300 $\pm$ 0.077 χ^2 /NDF: 2156.7/9

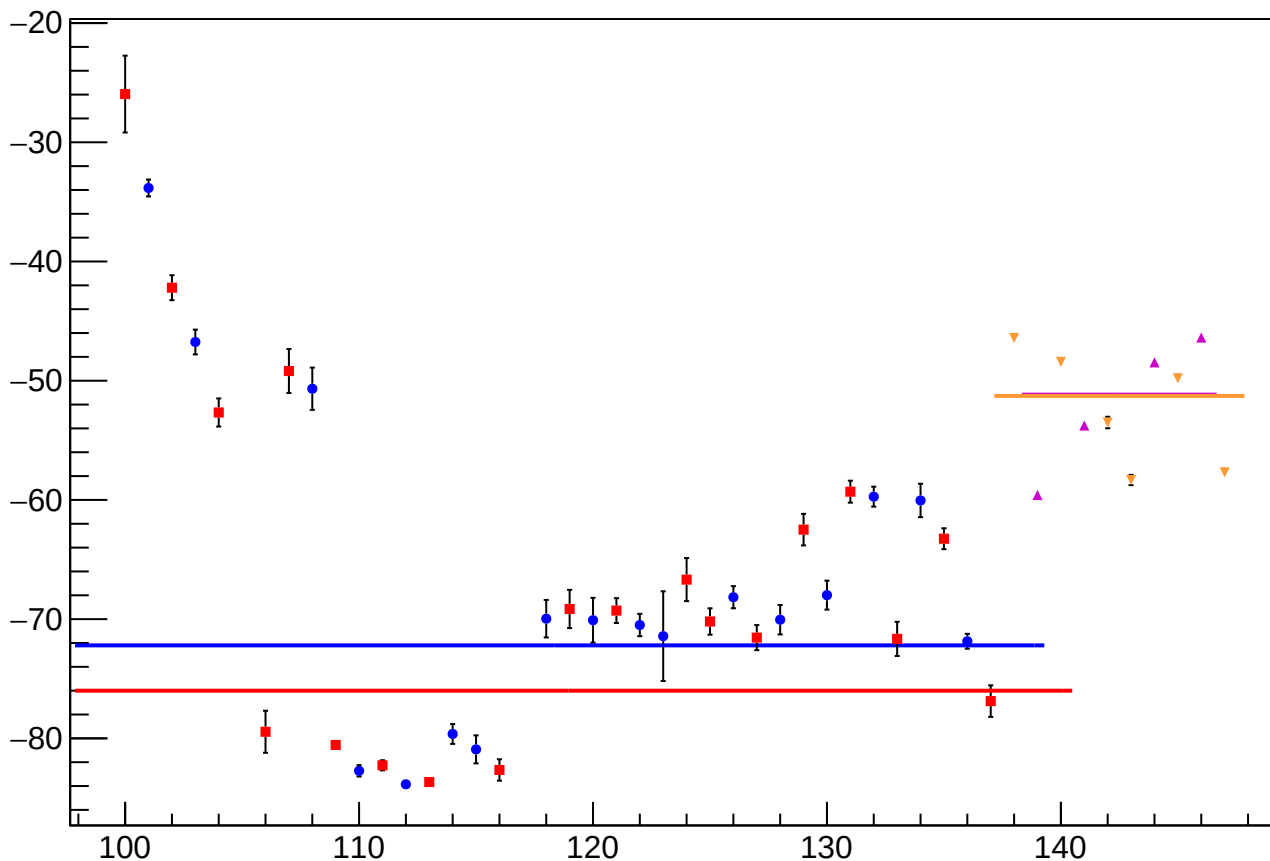
Right: 10.673 $\pm$ 0.083 χ^2 /NDF: 1722.7/35

In: 10.686 $\pm$ 0.084 χ^2 /NDF:1841.2/20

Out: 11.283 $\pm$ 0.076 χ^2 /NDF:2041.1/24

All: 11.012 $\pm$ 0.056 χ^2 /NDF: 3910.0/45

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -51.275 ± 0.148 χ^2/NDF : 823.6/5

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

Left In: -51.169 ± 0.166 χ^2/NDF : 829.8/3

Left: -51.228 ± 0.111 χ^2/NDF : 1653.6/9

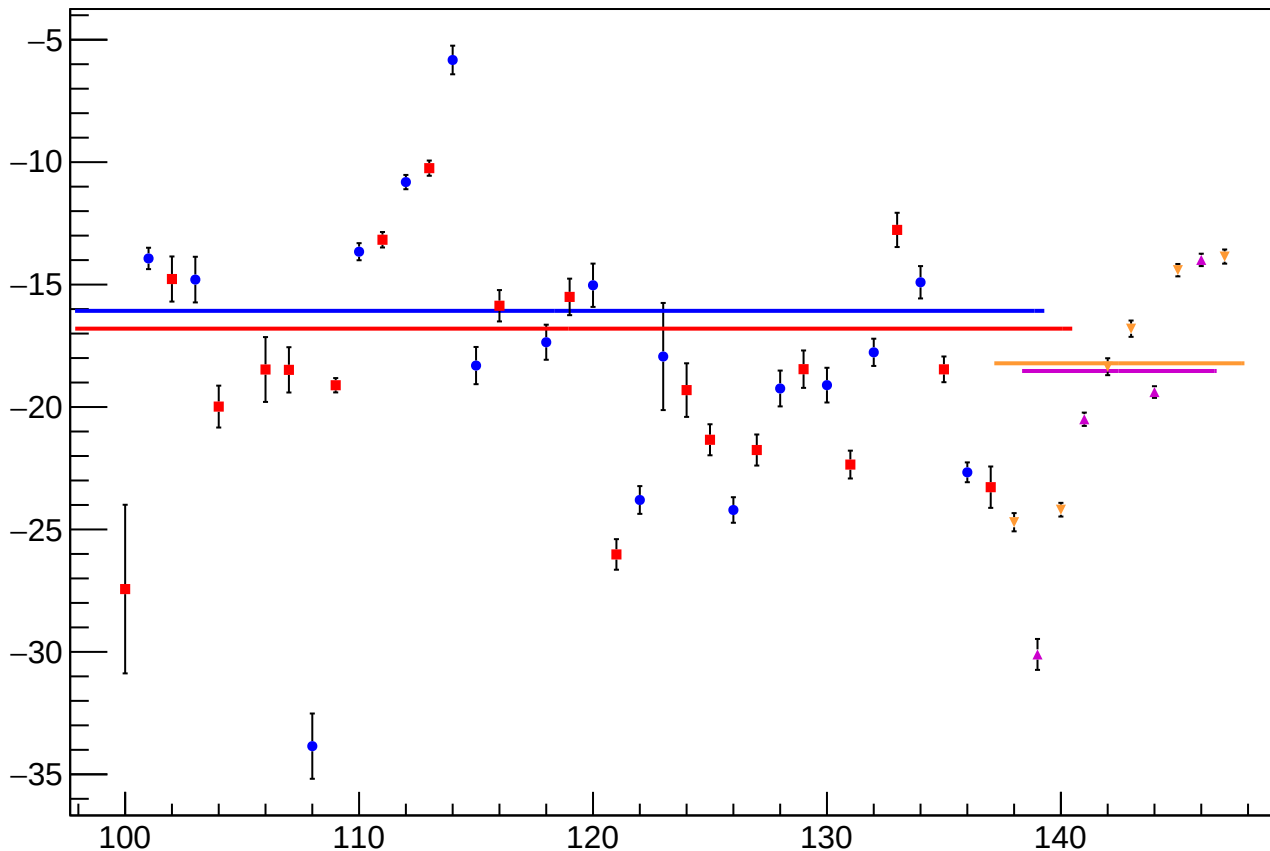
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -59.876 ± 0.127 χ^2/NDF : 13029.3/20

Out: -61.189 ± 0.115 χ^2/NDF : 15478.9/24

All: -60.601 ± 0.085 χ^2/NDF : 28567.0/45

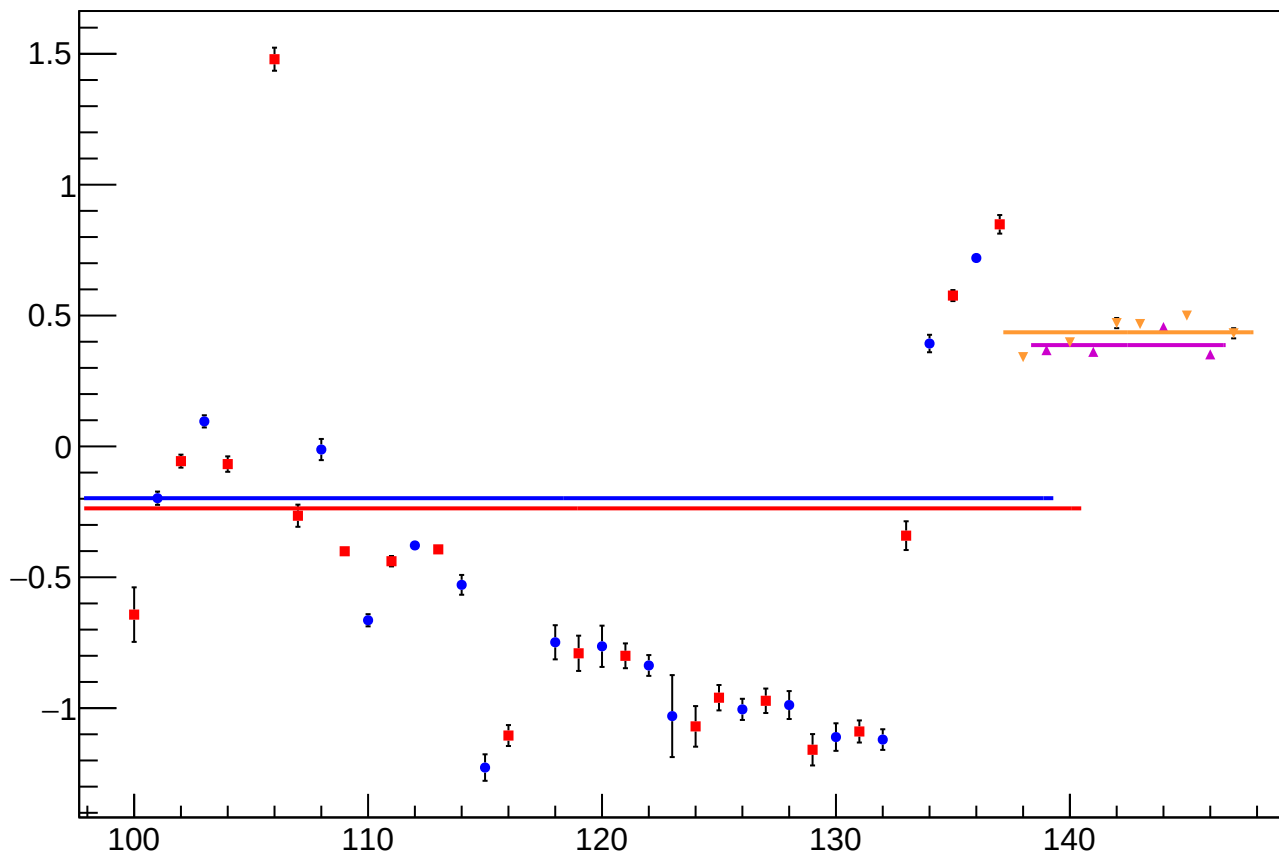
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$
 Left Out: -18.215 ± 0.124 $\chi^2/\text{NDF}: 1230.9/5$
 Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$
 Left In: -18.528 ± 0.142 $\chi^2/\text{NDF}: 722.6/3$

Left: -18.350 ± 0.094 $\chi^2/\text{NDF}: 1956.3/9$
 Right: -16.447 ± 0.092 $\chi^2/\text{NDF}: 2872.2/35$
 In: -17.208 ± 0.097 $\chi^2/\text{NDF}: 2523.4/20$
 Out: -17.530 ± 0.089 $\chi^2/\text{NDF}: 2509.6/24$
 All: -17.382 ± 0.066 $\chi^2/\text{NDF}: 5039.0/45$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.436 ± 0.006 χ^2/NDF : 89.2/5

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.387 ± 0.007 χ^2/NDF : 39.0/3

Left: 0.415 ± 0.005 χ^2/NDF : 156.3/9

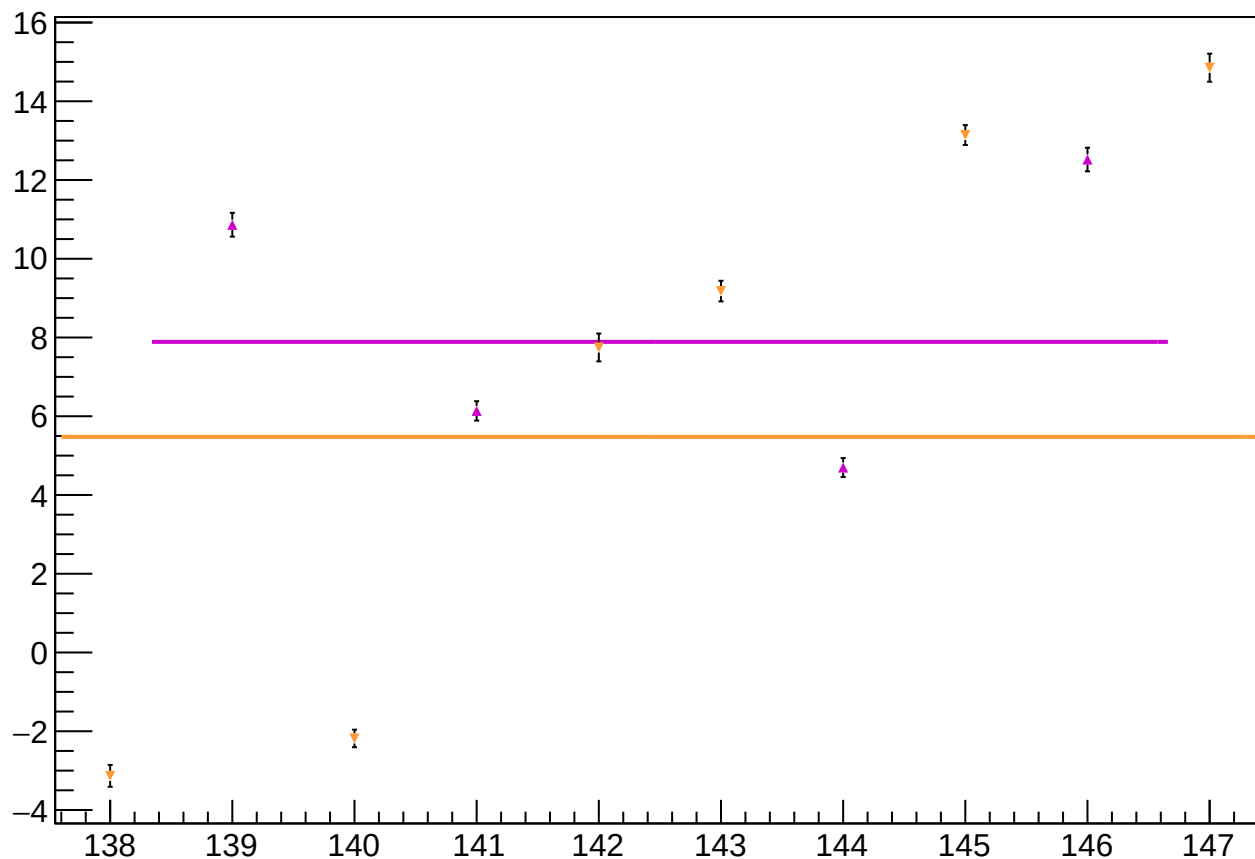
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.120 ± 0.005 χ^2/NDF : 9655.5/20

Out: 0.153 ± 0.005 χ^2/NDF : 11406.6/24

All: 0.138 ± 0.003 χ^2/NDF : 21084.1/45

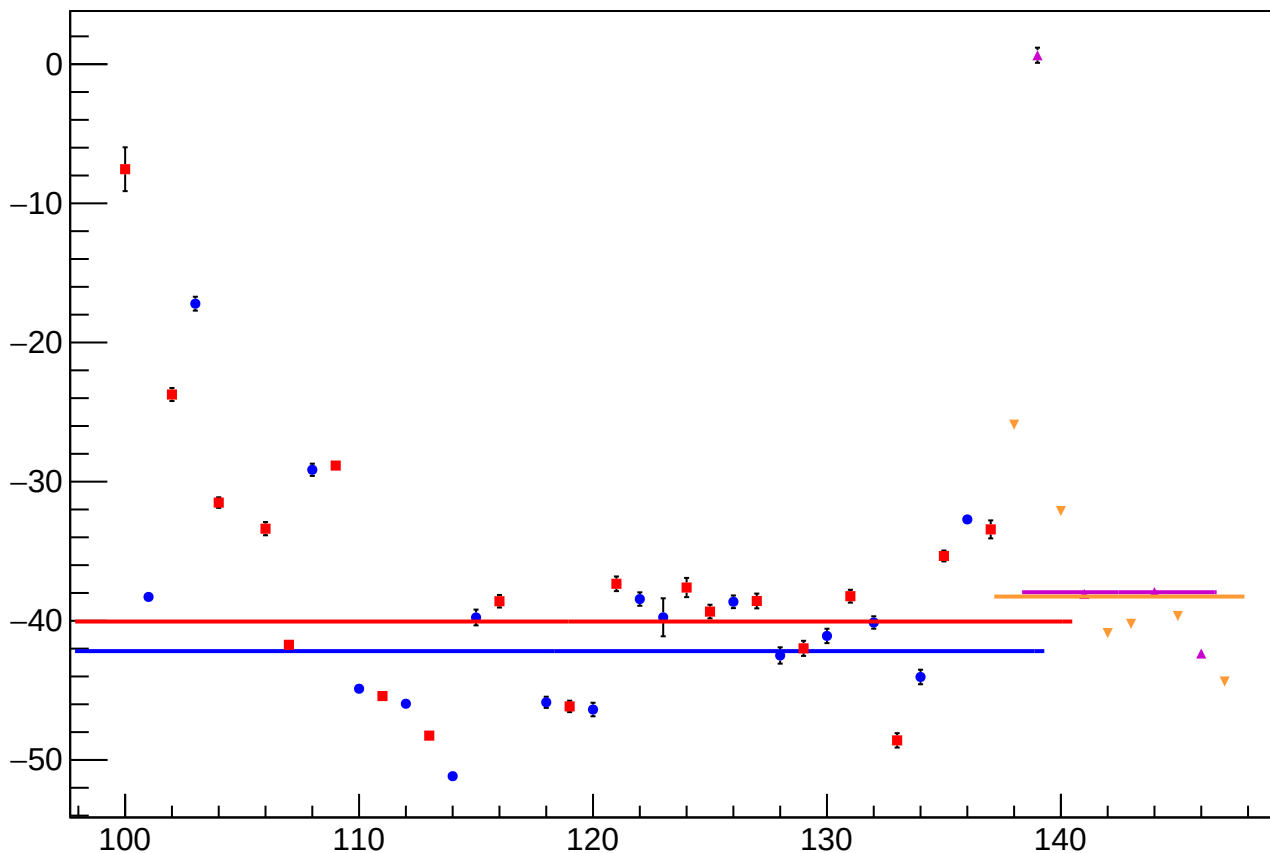
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.476 $\pm$ 0.112 χ^2 /NDF:3999.8/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.889 $\pm$ 0.134 χ^2 /NDF:562.6/3

Left: 6.474 $\pm$ 0.086 χ^2 /NDF: 4753.4/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.889 $\pm$ 0.134 χ^2 /NDF:562.6/3
 Out: 5.476 $\pm$ 0.112 χ^2 /NDF:3999.8/5
 All: 6.474 $\pm$ 0.086 χ^2 /NDF: 4753.4/9

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -38.258 ± 0.081 χ^2/NDF : 4855.2/5

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

Left In: -37.947 ± 0.101 χ^2/NDF : 5577.7/3

Left: -38.136 ± 0.063 χ^2/NDF : 10438.8/9

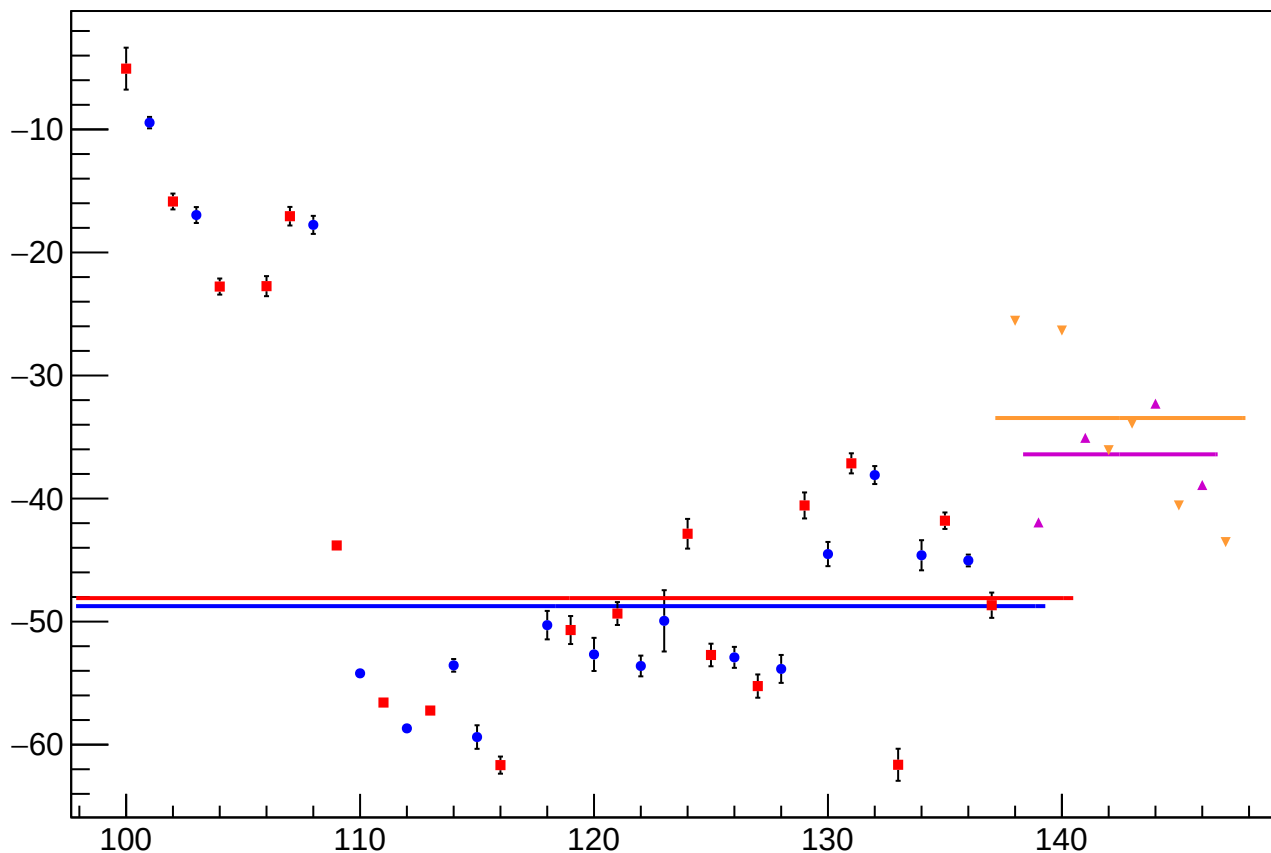
Right: -41.045 ± 0.053 χ^2/NDF : 18285.9/35

In: -40.594 ± 0.062 χ^2/NDF : 13260.0/20

Out: -39.247 ± 0.054 χ^2/NDF : 16441.4/24

All: -39.834 ± 0.041 χ^2/NDF : 29972.2/45

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -33.454 ± 0.118 χ^2/NDF : 3258.4/5

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -36.406 ± 0.140 χ^2/NDF : 644.2/3

Left: -34.685 ± 0.090 χ^2/NDF : 4162.3/9

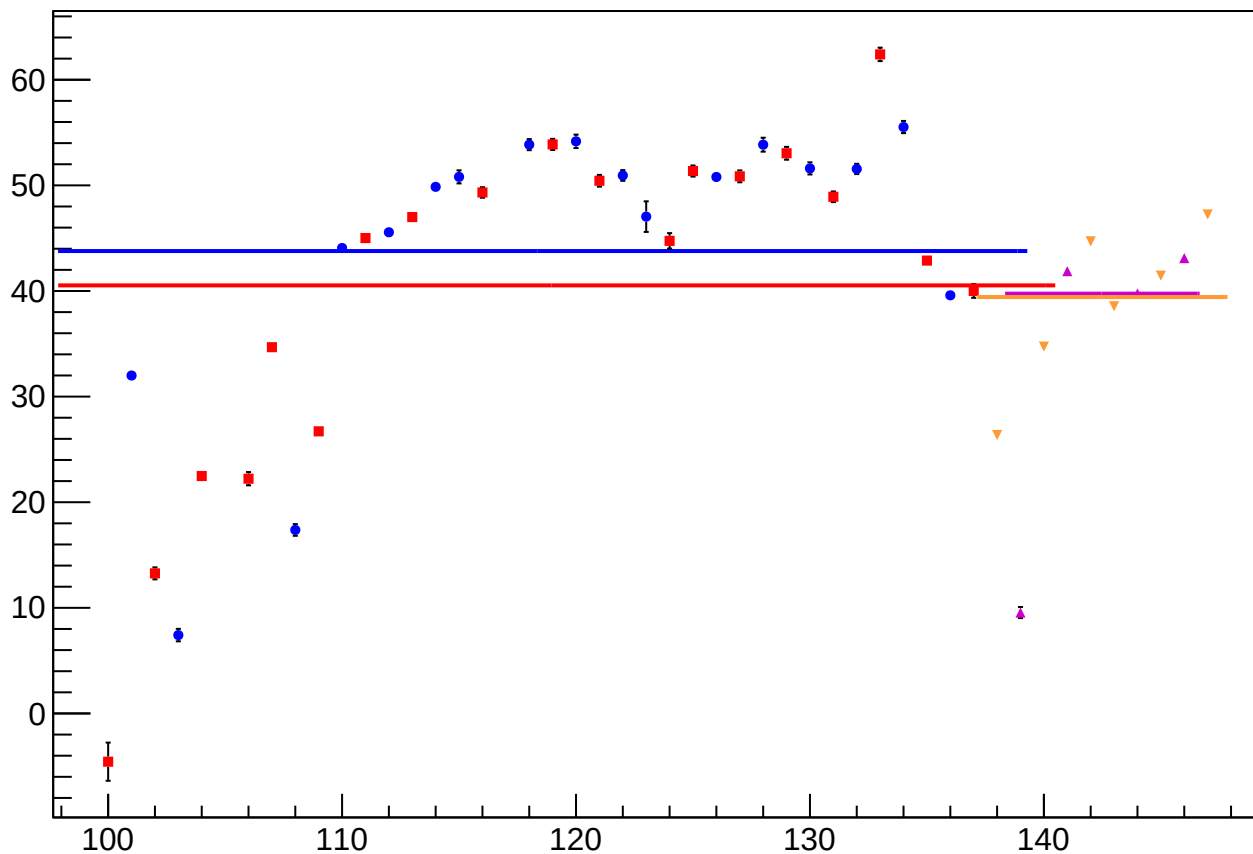
Right: -48.369 ± 0.081 χ^2/NDF : 26405.8/35

In: -43.291 ± 0.093 χ^2/NDF : 19647.1/20

Out: -41.489 ± 0.079 χ^2/NDF : 23395.5/24

All: -42.250 ± 0.060 χ^2/NDF : 43259.9/45

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 39.427 $\pm$ 0.099 χ^2 /NDF:3820.2/5

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

Left In: 39.747 $\pm$ 0.121 χ^2 /NDF:3625.4/3

Left: 39.555 $\pm$ 0.076 χ^2 /NDF: 7449.8/9

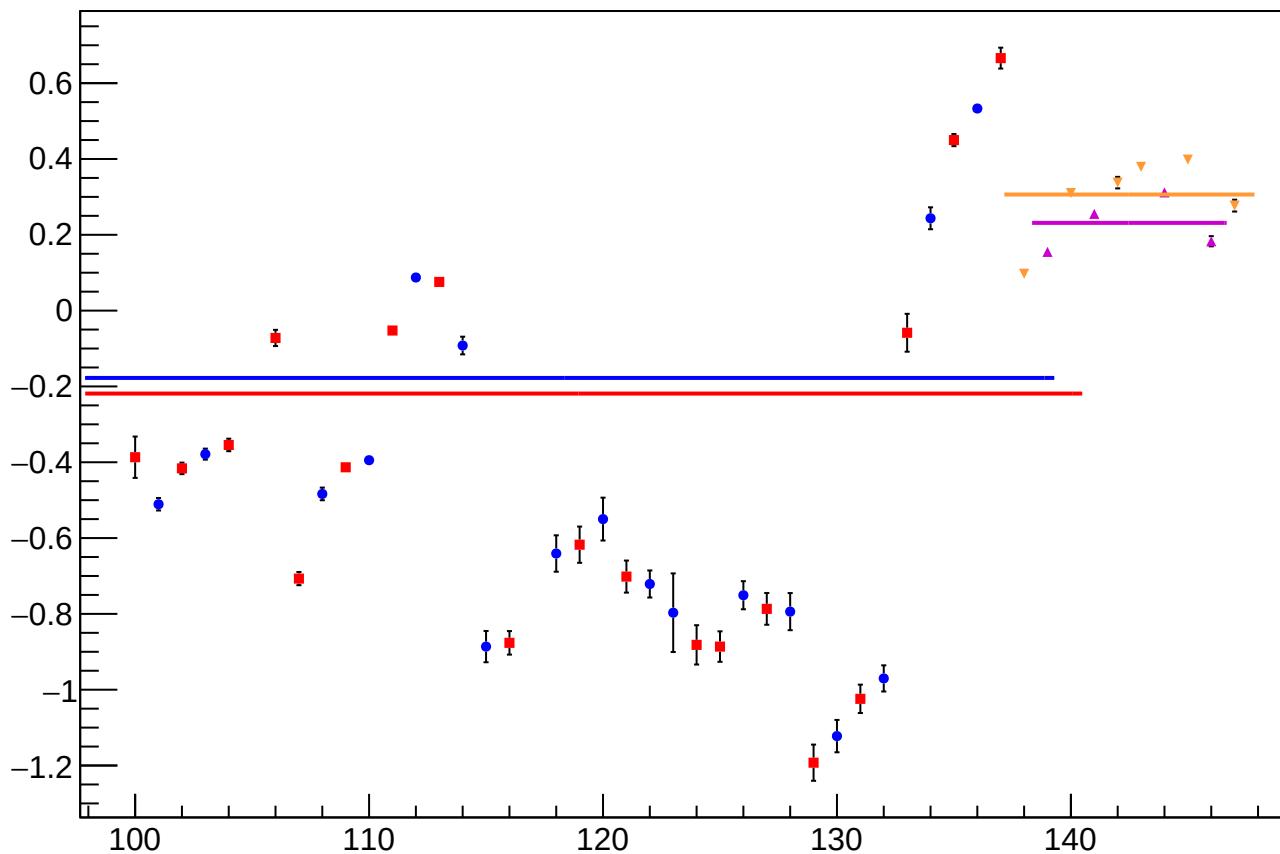
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.410 $\pm$ 0.070 χ^2 /NDF:15002.0/20

Out: 40.092 $\pm$ 0.062 χ^2 /NDF:21476.2/24

All: 41.109 $\pm$ 0.047 χ^2 /NDF: 37087.0/45

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.306 ± 0.005 χ^2/NDF : 432.9/5

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

Left In: 0.231 ± 0.006 χ^2/NDF : 113.5/3

Left: 0.275 ± 0.004 χ^2/NDF : 644.1/9

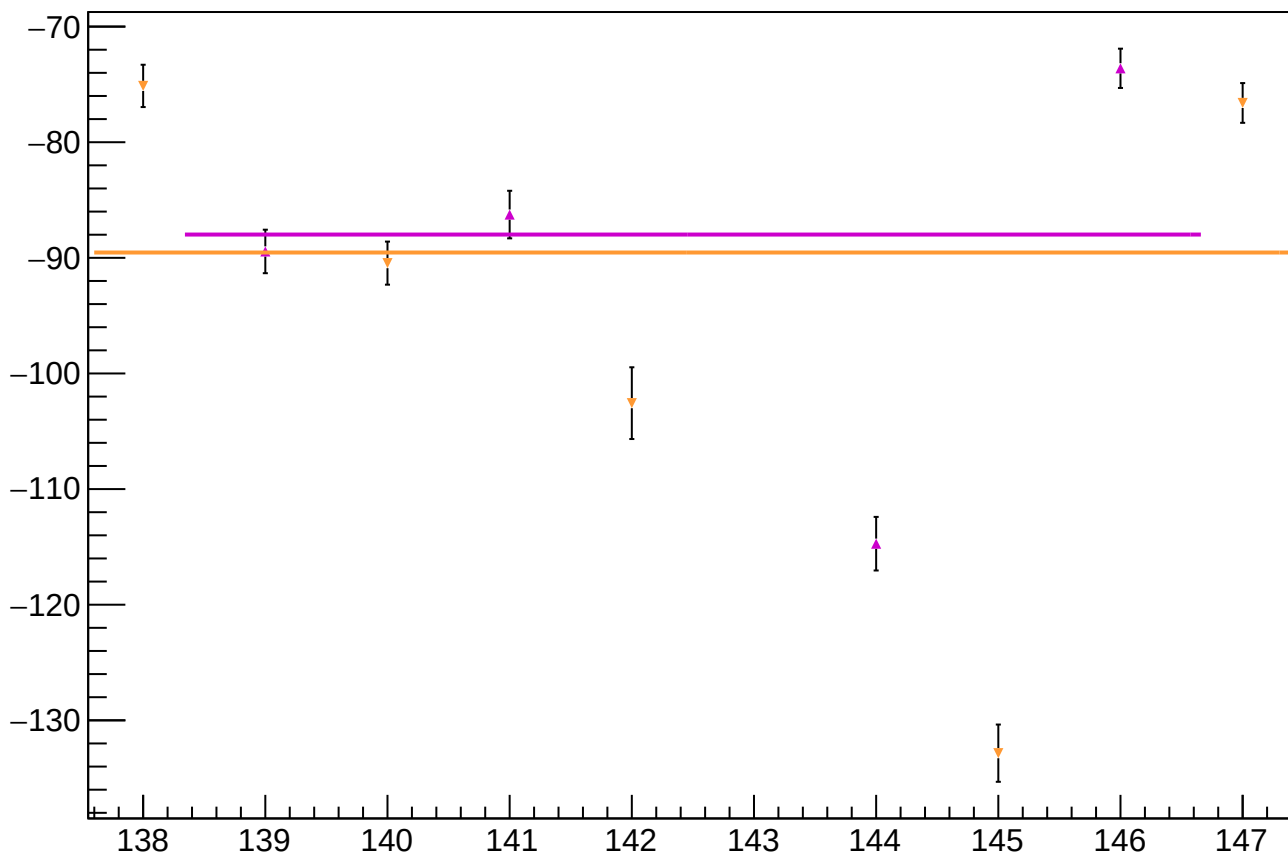
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: -0.009 ± 0.004 χ^2/NDF : 10438.6/20

Out: 0.010 ± 0.003 χ^2/NDF : 14399.6/24

All: 0.002 ± 0.002 χ^2/NDF : 24853.1/45

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -89.539+/-0.916 χ^2/NDF : 442.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.986+/-0.975 χ^2/NDF : 206.0/3

Left: -88.811+/-0.668 χ^2/NDF : 649.8/8

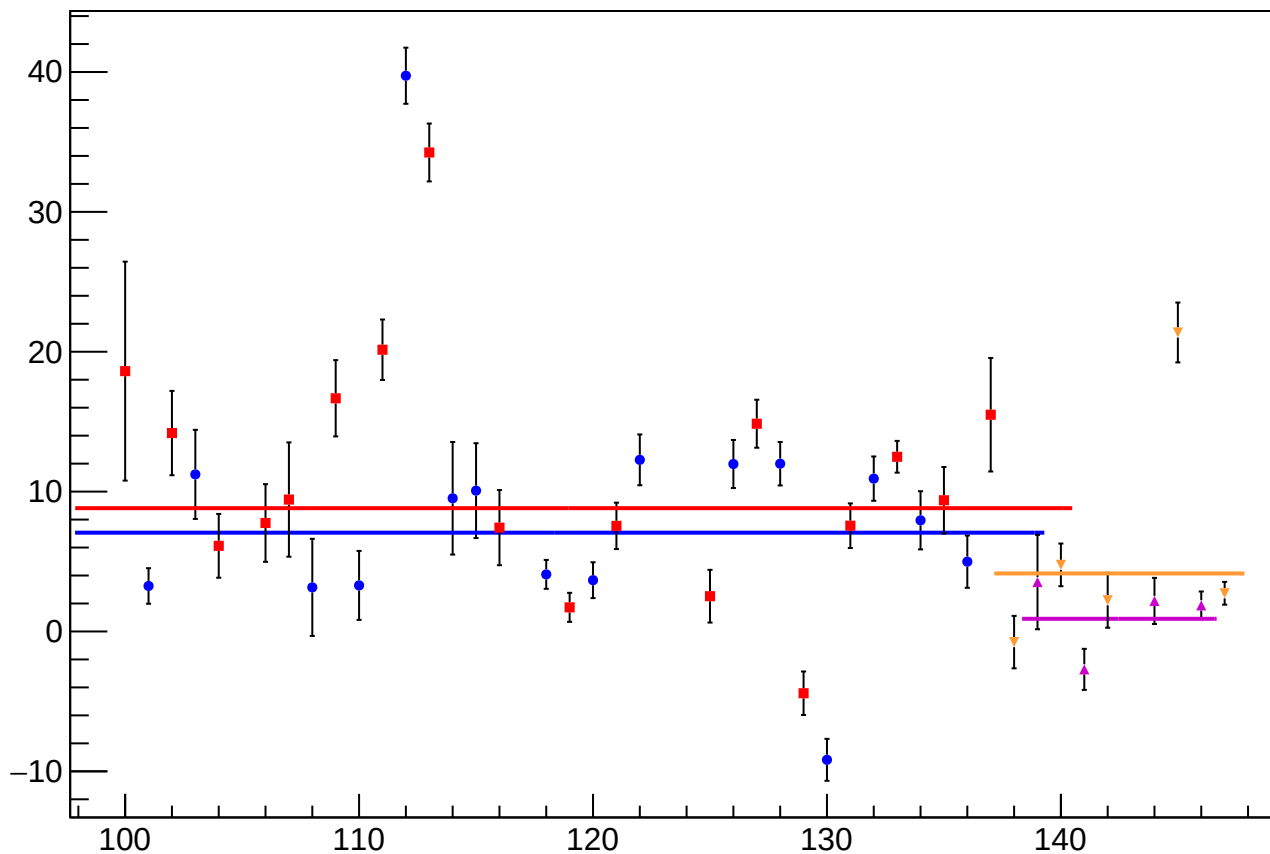
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.986+/-0.975 χ^2/NDF : 206.0/3

Out: -89.539+/-0.916 χ^2/NDF : 442.4/4

All: -88.811+/-0.668 χ^2/NDF : 649.8/8

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 $\pm$ 0.434 χ^2 /NDF: 446.9/15

Left Out: 4.148 $\pm$ 0.609 χ^2 /NDF:75.8/4

Right Out: 8.816 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 0.906 $\pm$ 0.719 χ^2 /NDF:8.2/3

Left: 2.793 $\pm$ 0.465 χ^2 /NDF: 95.9/8

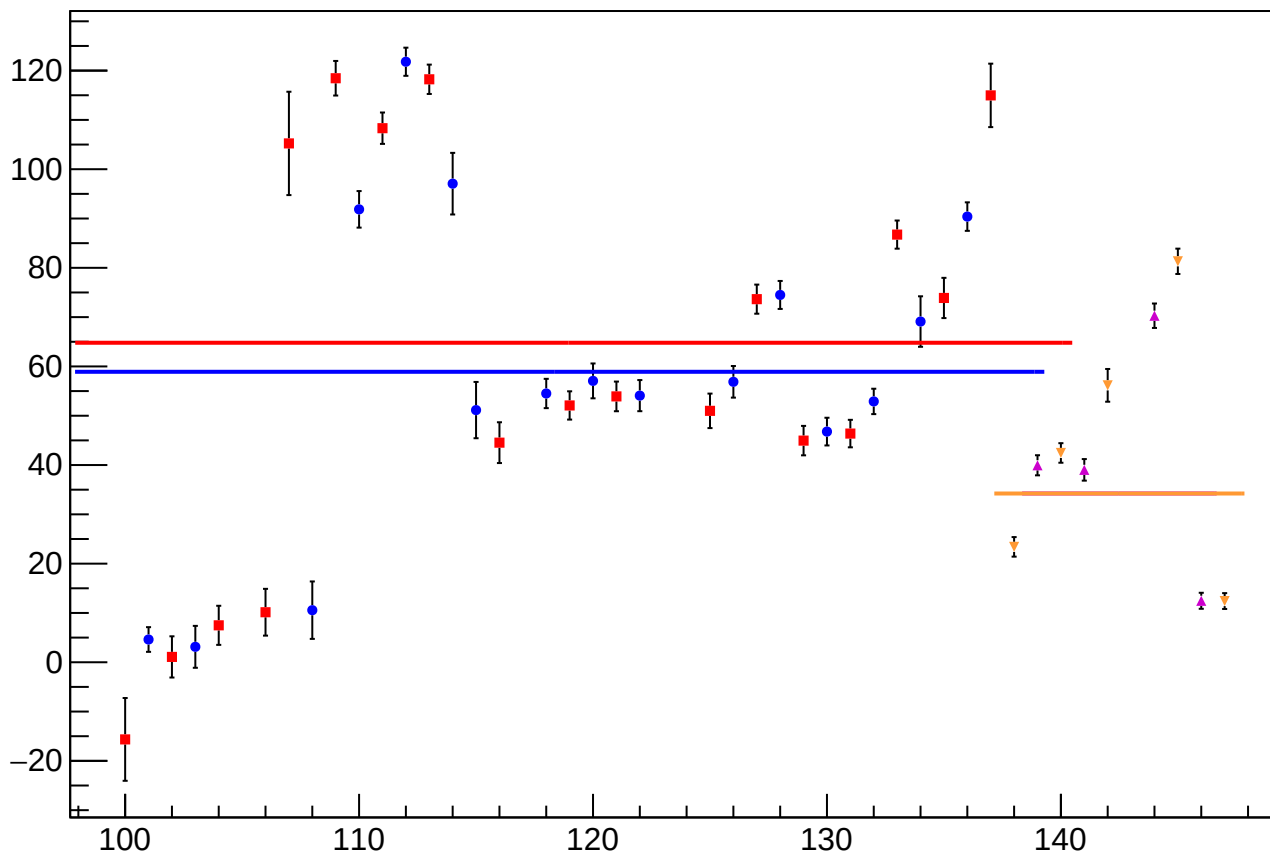
Right: 7.909 $\pm$ 0.312 χ^2 /NDF: 805.1/33

In: 5.420 $\pm$ 0.371 χ^2 /NDF:508.9/19

Out: 7.172 $\pm$ 0.361 χ^2 /NDF:464.2/22

All: 6.320 $\pm$ 0.259 χ^2 /NDF: 984.6/42

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 34.225 $\pm$ 0.937 χ^2 /NDF:611.3/4

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

Left In: 34.231 $\pm$ 1.004 χ^2 /NDF:403.8/3

Left: 34.228 $\pm$ 0.685 χ^2 /NDF: 1015.1/8

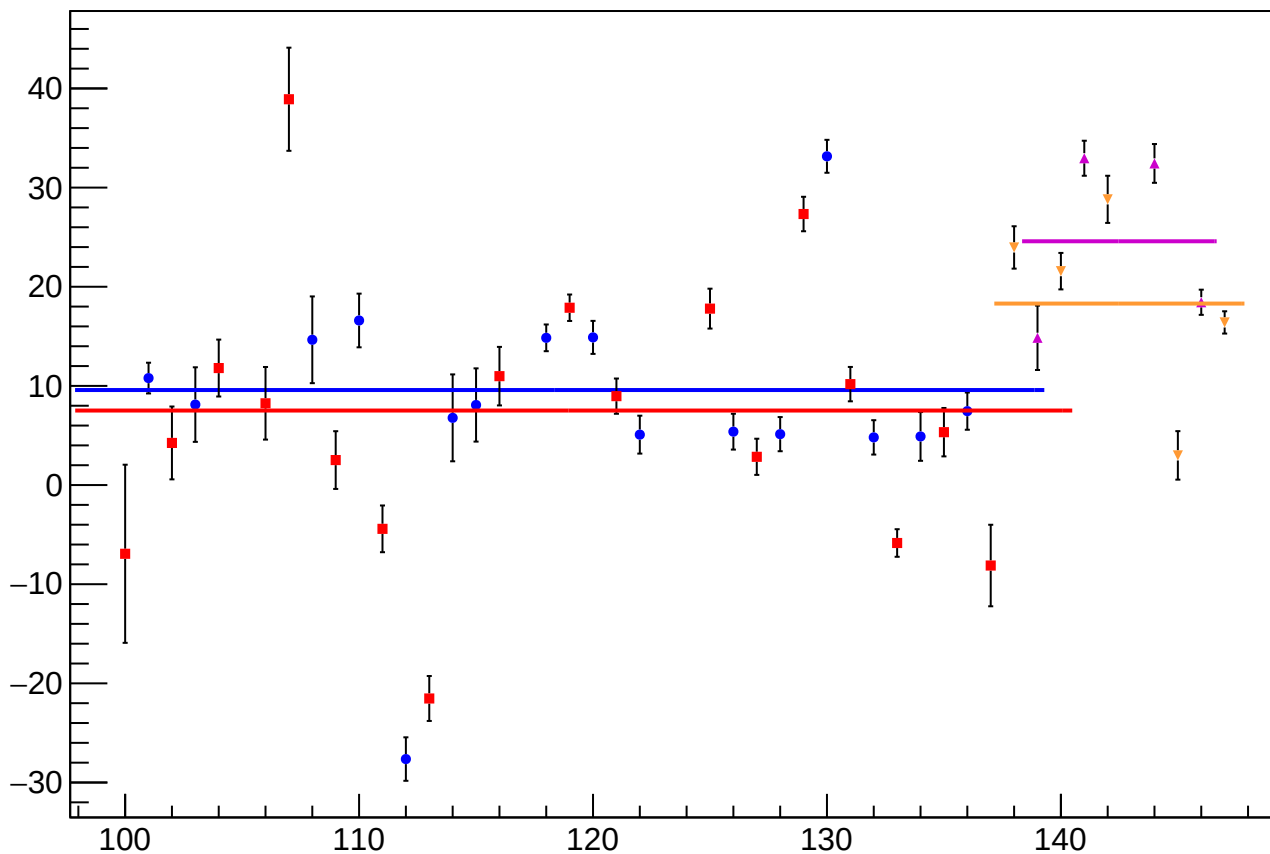
Right: 61.827 $\pm$ 0.591 χ^2 /NDF: 3239.7/33

In: 48.877 $\pm$ 0.640 χ^2 /NDF:2258.8/19

Out: 51.177 $\pm$ 0.626 χ^2 /NDF:2919.6/22

All: 50.054 $\pm$ 0.448 χ^2 /NDF: 5185.0/42

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 $\pm$ 0.501 χ^2/NDF : 554.4/15

Left Out: 18.303 $\pm$ 0.778 χ^2/NDF : 71.8/4

Right Out: 7.516 $\pm$ 0.516 χ^2/NDF : 569.8/17

Left In: 24.586 $\pm$ 0.878 χ^2/NDF : 71.0/3

Left: 21.068 $\pm$ 0.582 χ^2/NDF : 171.5/8

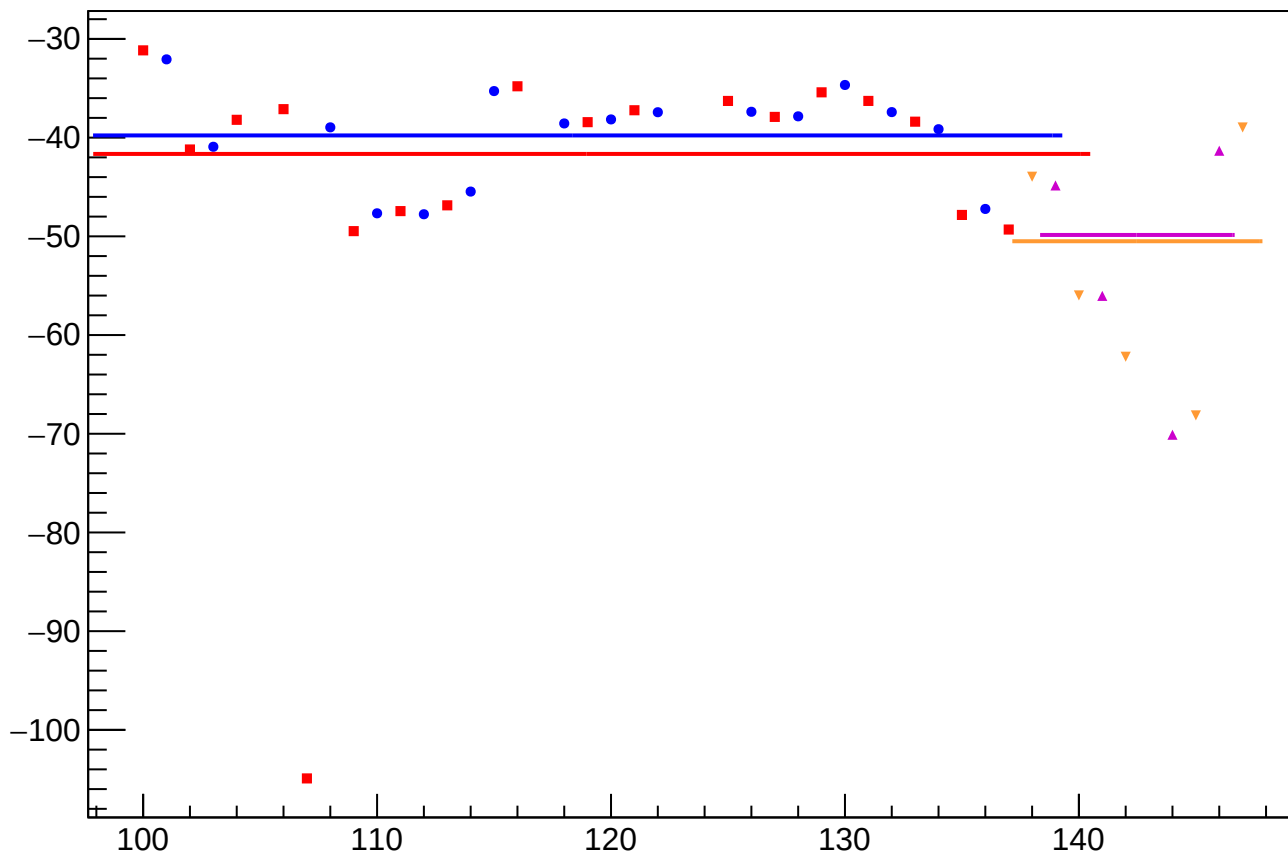
Right: 8.579 $\pm$ 0.359 χ^2/NDF : 1132.5/33

In: 13.269 $\pm$ 0.435 χ^2/NDF : 845.7/19

Out: 10.806 $\pm$ 0.430 χ^2/NDF : 775.1/22

All: 12.023 $\pm$ 0.306 χ^2/NDF : 1637.0/42

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -50.497 ± 0.040 χ^2/NDF : 72104.2/4

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

Left In: -49.860 ± 0.041 χ^2/NDF : 57387.1/3

Left: -50.189 ± 0.029 χ^2/NDF : 129614.0/8

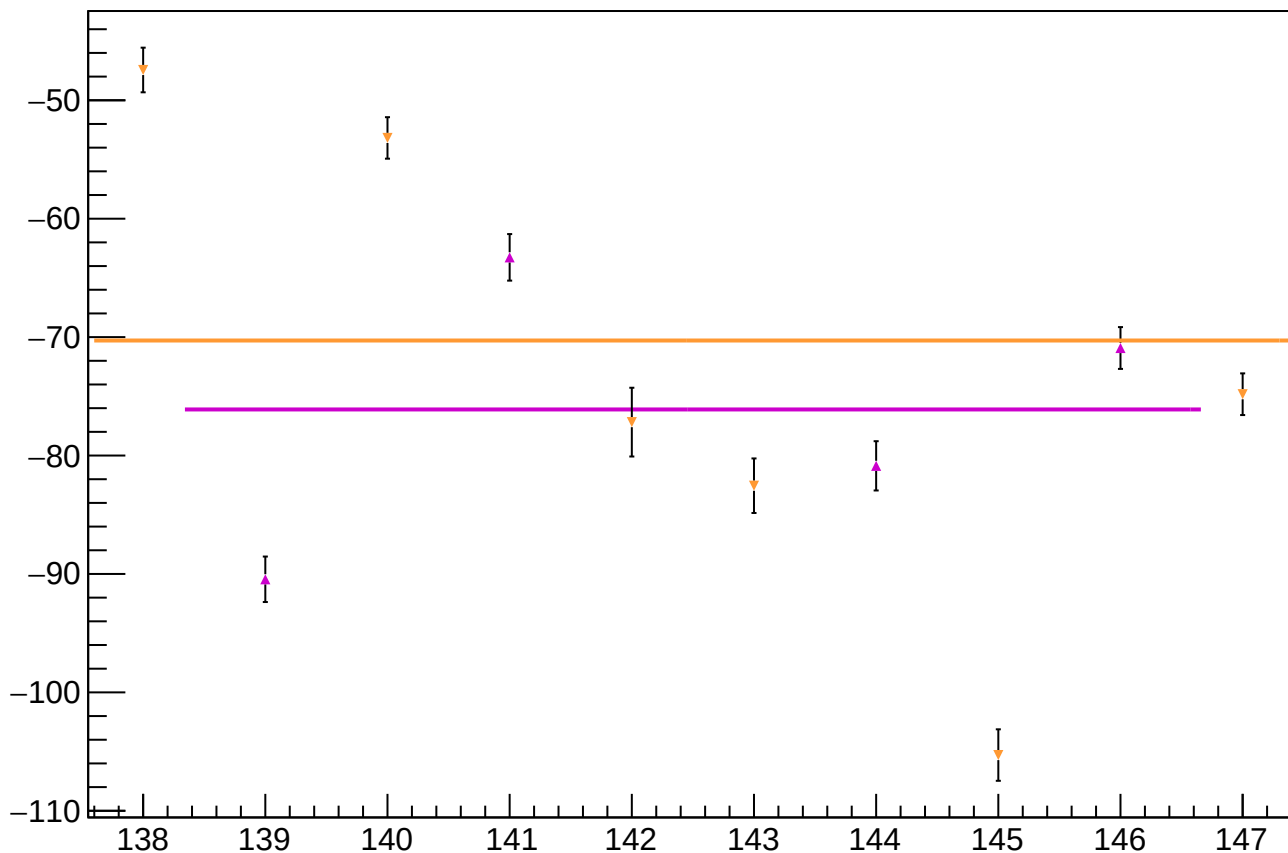
Right: -40.710 ± 0.022 χ^2/NDF : 122427.7/33

In: -43.420 ± 0.025 χ^2/NDF : 121603.5/19

Out: -44.998 ± 0.025 χ^2/NDF : 196994.4/22

All: -44.216 ± 0.017 χ^2/NDF : 320636.9/42

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.286+/-0.831 χ^2/NDF :542.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -76.108+/-0.961 χ^2/NDF :112.4/3

Left: -72.775+/-0.629 χ^2/NDF : 675.5/9

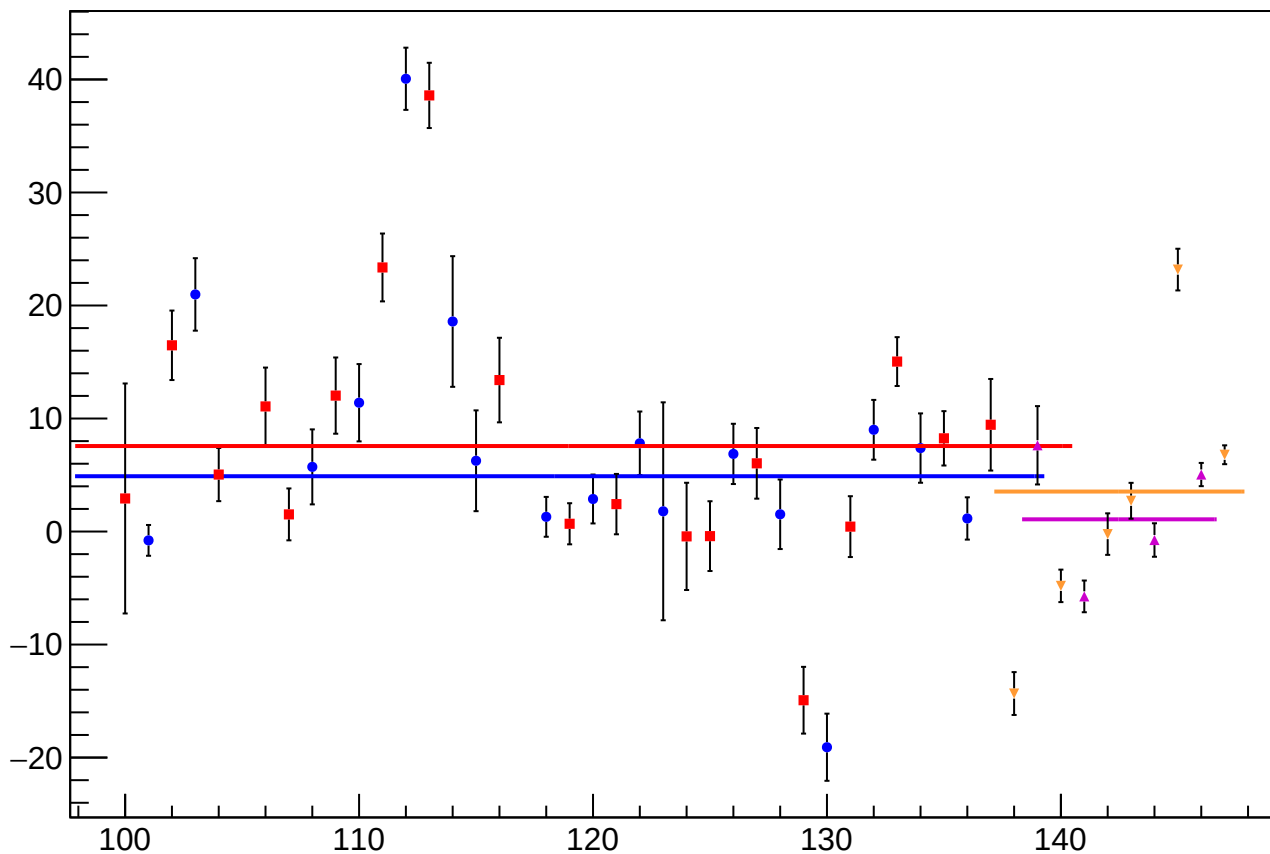
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.108+/-0.961 χ^2/NDF :112.4/3

Out: -70.286+/-0.831 χ^2/NDF :542.2/5

All: -72.775+/-0.629 χ^2/NDF : 675.5/9

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 3.538 ± 0.560 χ^2/NDF : 255.6/5

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

Left In: 1.080 ± 0.708 χ^2/NDF : 43.6/3

Left: 2.592 ± 0.439 χ^2/NDF : 306.6/9

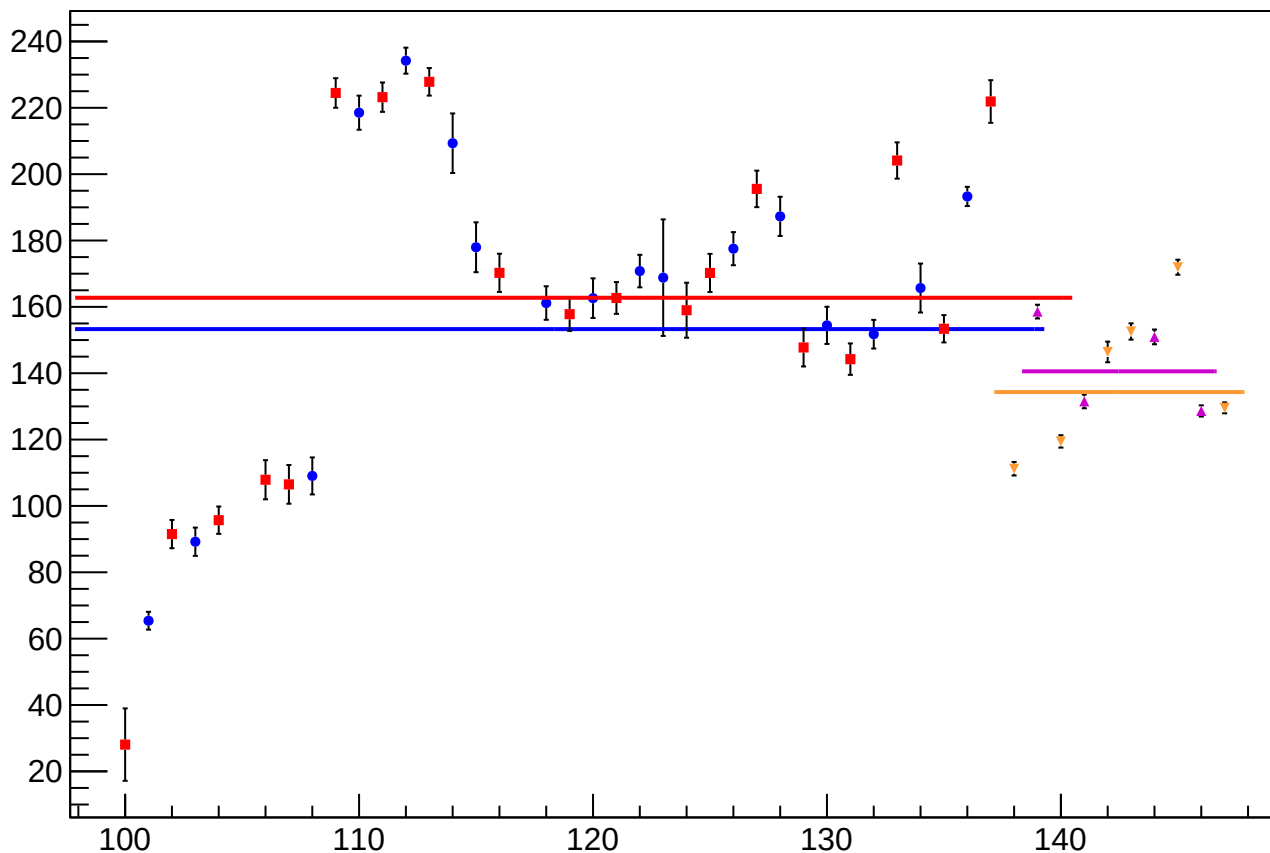
Right: 6.165 ± 0.450 χ^2/NDF : 574.4/35

In: 3.235 ± 0.467 χ^2/NDF : 355.3/20

Out: 5.250 ± 0.425 χ^2/NDF : 547.7/24

All: 4.338 ± 0.314 χ^2/NDF : 913.3/45

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 134.324 $\pm$ 0.857 χ^2 /NDF:545.0/5

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

Left In: 140.563 $\pm$ 0.993 χ^2 /NDF:165.6/3

Left: 136.988 $\pm$ 0.649 χ^2 /NDF: 733.2/9

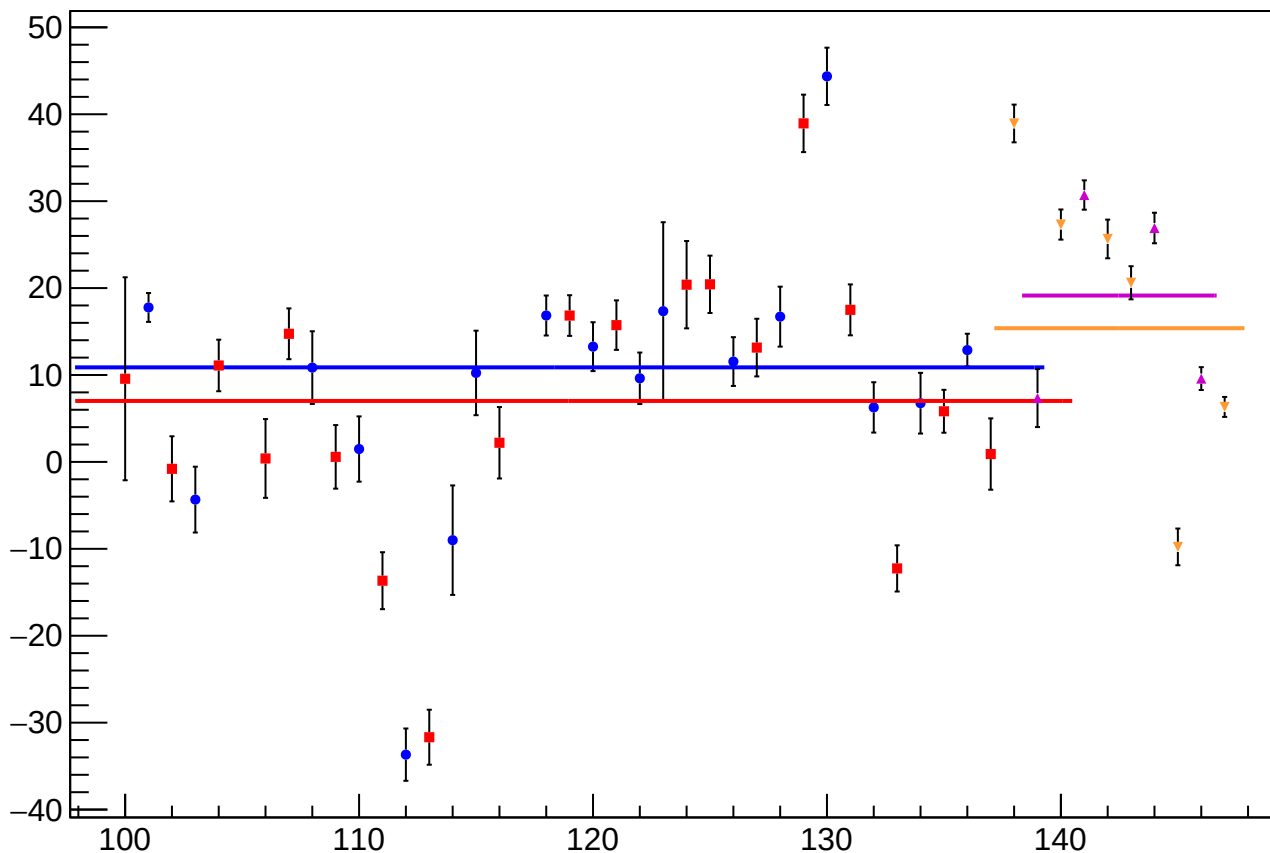
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 146.032 $\pm$ 0.750 χ^2 /NDF:2503.0/20

Out: 144.182 $\pm$ 0.693 χ^2 /NDF:2634.8/24

All: 145.034 $\pm$ 0.509 χ^2 /NDF: 5141.1/45

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 15.384 $\pm$ 0.707 χ^2 /NDF: 397.8/5

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

Left In: 19.142 $\pm$ 0.863 χ^2 /NDF: 131.8/3

Left: 16.892 $\pm$ 0.547 χ^2 /NDF: 540.9/9

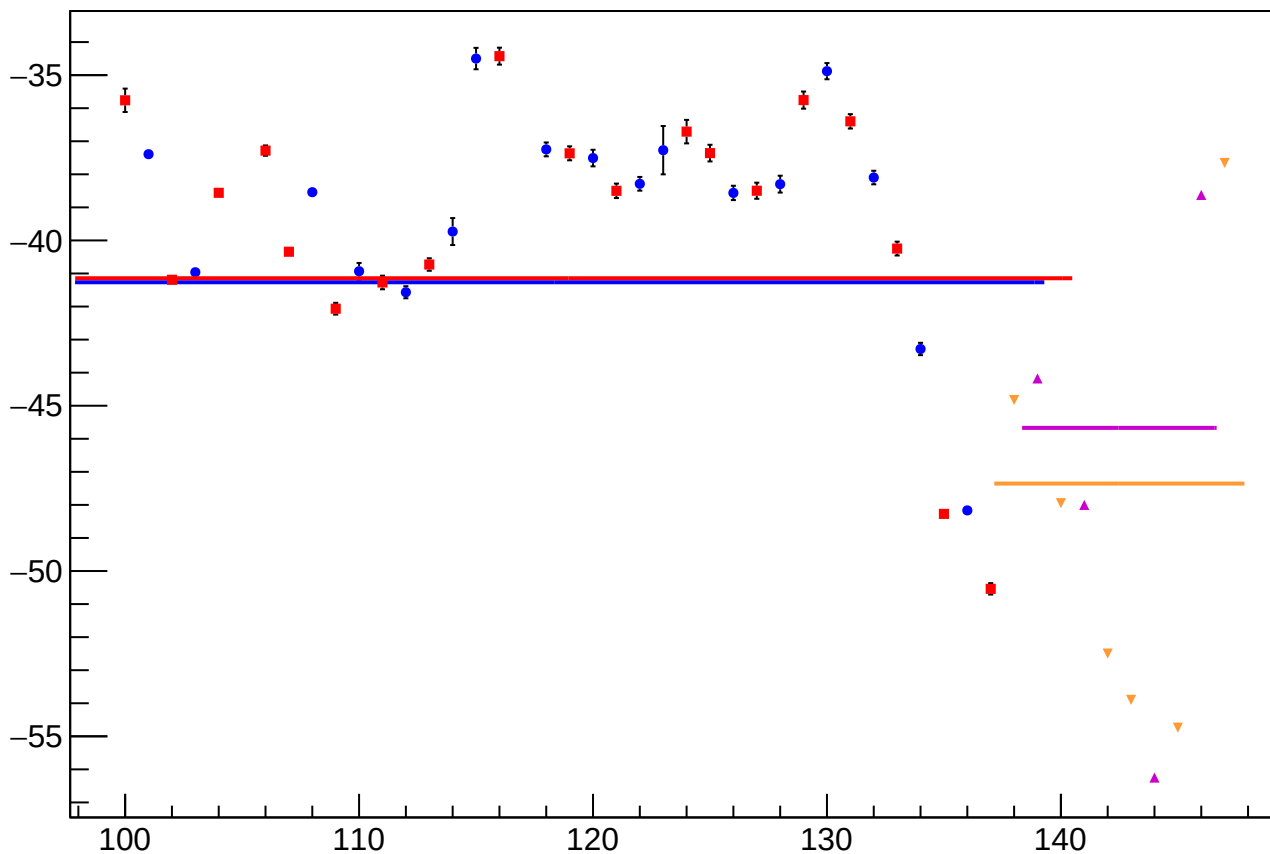
Right: 9.038 $\pm$ 0.516 χ^2 /NDF: 826.6/35

In: 14.233 $\pm$ 0.550 χ^2 /NDF: 574.3/20

Out: 11.437 $\pm$ 0.514 χ^2 /NDF: 888.5/24

All: 12.740 $\pm$ 0.375 χ^2 /NDF: 1476.6/45

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -46.615 ± 0.027 $\chi^2/\text{NDF}: 51776.7/9$

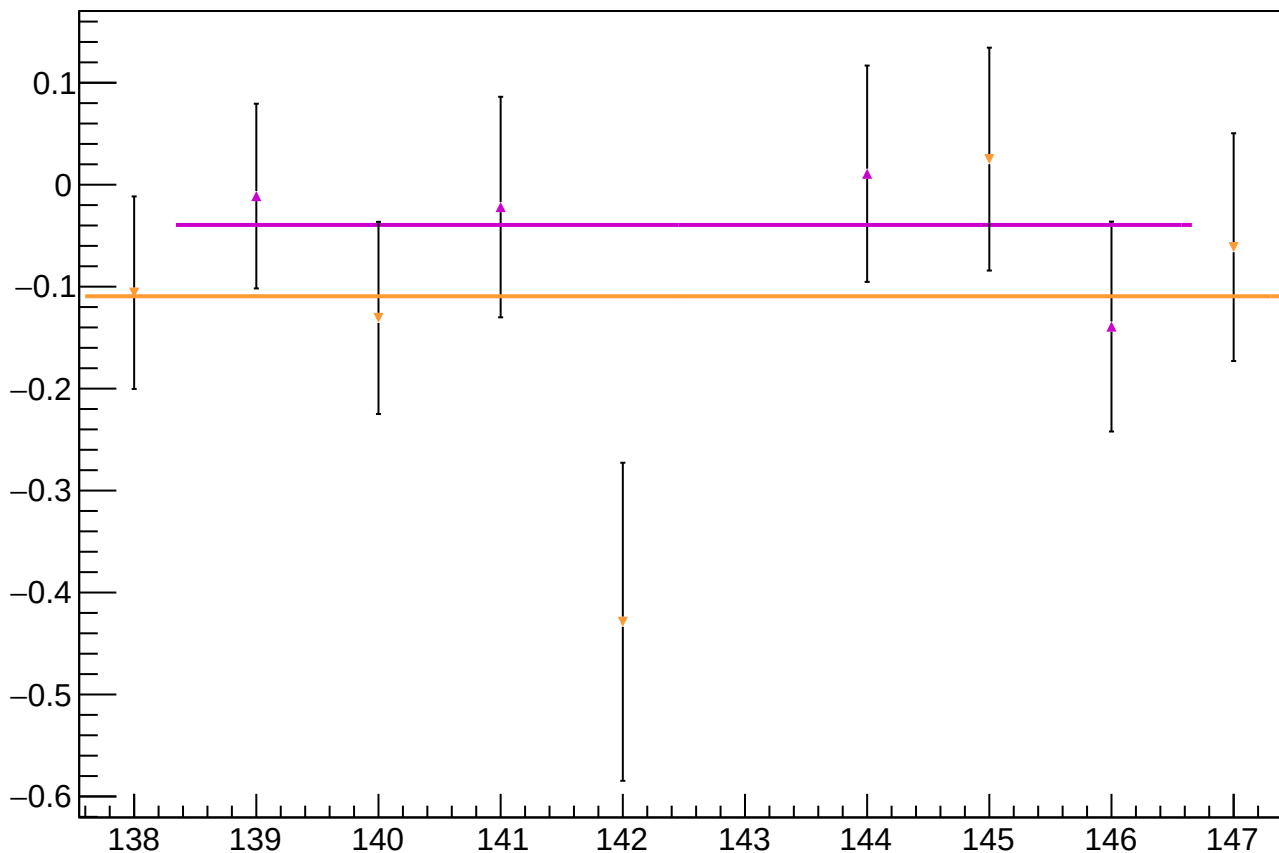
Right: -41.205 ± 0.027 $\chi^2/\text{NDF}: 24793.7/35$

In: -43.332 ± 0.028 $\chi^2/\text{NDF}: 39905.8/20$

Out: -44.448 ± 0.026 $\chi^2/\text{NDF}: 55615.2/24$

All: -43.923 ± 0.019 $\chi^2/\text{NDF}: 96359.8/45$

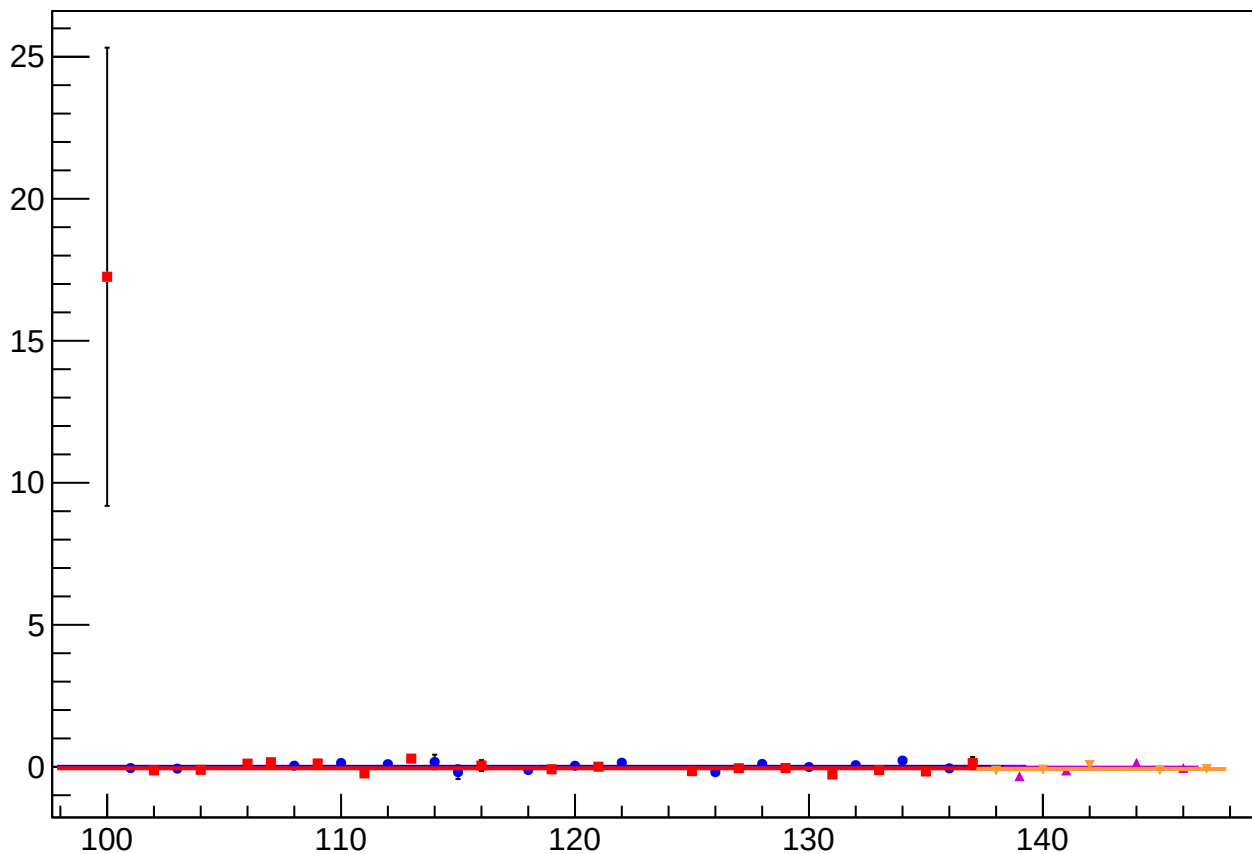
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.109+/-0.048 χ^2/NDF : 5.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.039+/-0.051 χ^2/NDF : 1.3/3

Left: -0.076+/-0.035 χ^2/NDF : 8.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.039+/-0.051 χ^2/NDF : 1.3/3
 Out: -0.109+/-0.048 χ^2/NDF : 5.9/4
 All: -0.076+/-0.035 χ^2/NDF : 8.2/8

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 ± 0.028 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.077 ± 0.035 $\chi^2/\text{NDF}: 2.6/4$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.027 ± 0.039 $\chi^2/\text{NDF}: 10.1/3$

Left: -0.055 ± 0.026 $\chi^2/\text{NDF}: 13.7/8$

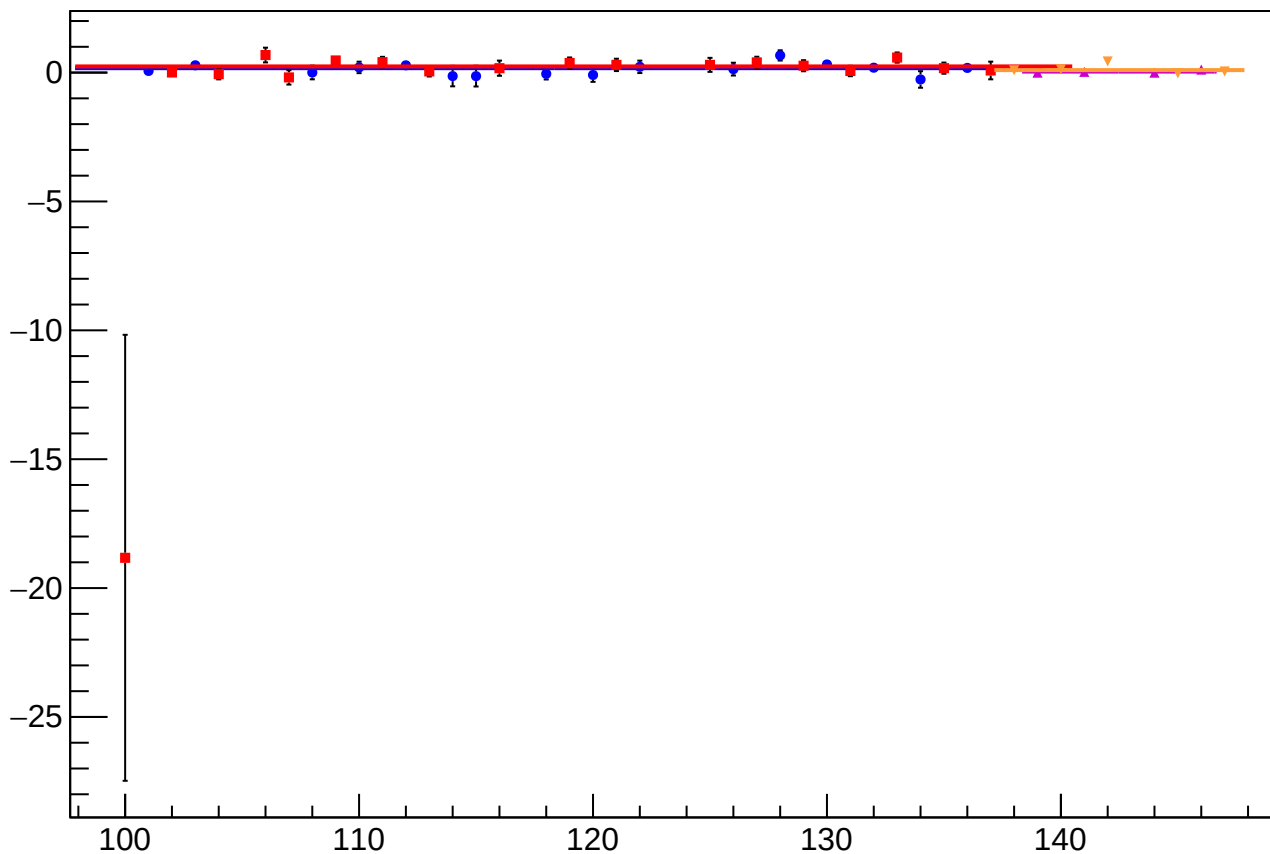
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.008 ± 0.023 $\chi^2/\text{NDF}: 23.0/19$

Out: -0.062 ± 0.022 $\chi^2/\text{NDF}: 28.8/22$

All: -0.036 ± 0.016 $\chi^2/\text{NDF}: 54.6/42$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171+/-0.052 χ^2/NDF : 13.7/15

Left Out: 0.096+/-0.050 χ^2/NDF : 5.6/4

Right Out: 0.239+/-0.054 χ^2/NDF : 21.8/17

Left In: 0.038+/-0.053 χ^2/NDF : 0.9/3

Left: 0.068+/-0.036 χ^2/NDF : 7.2/8

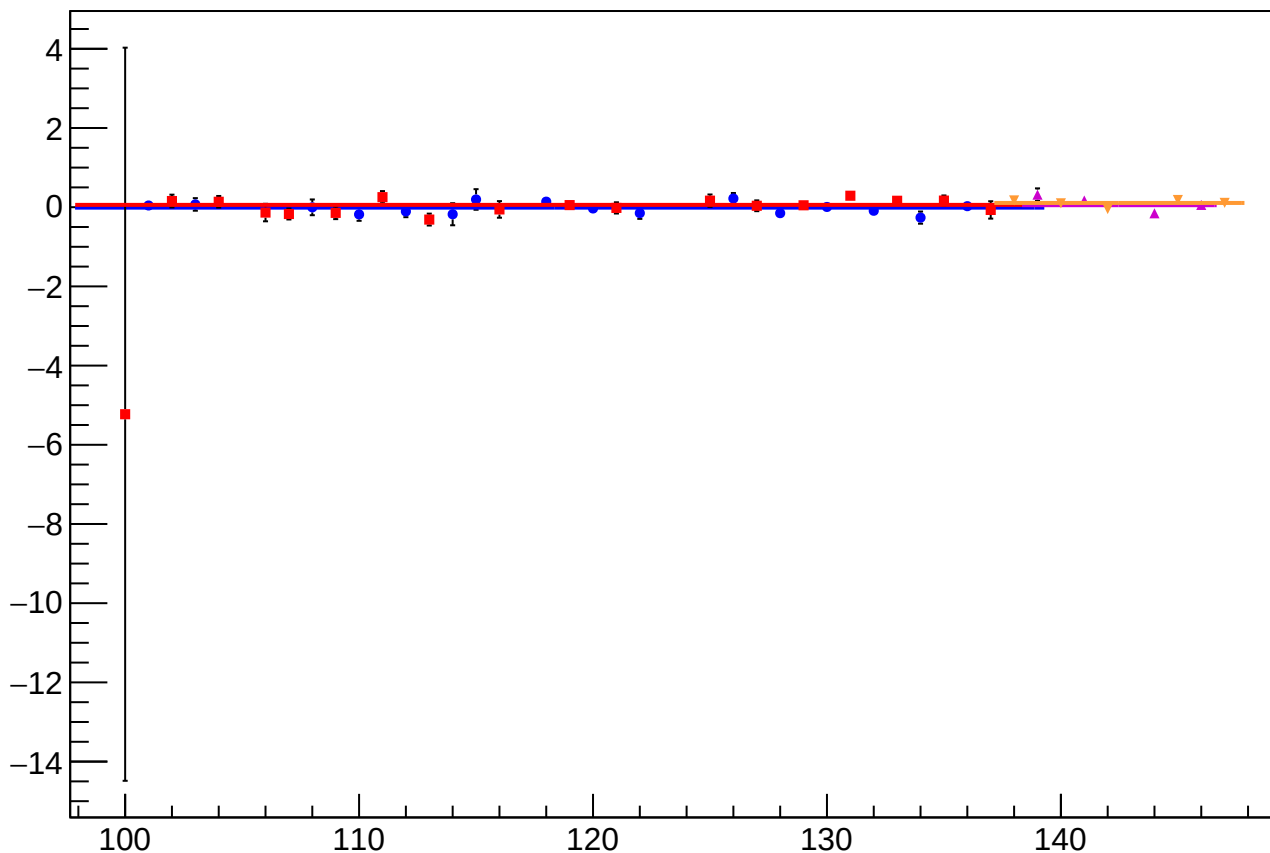
Right: 0.204+/-0.038 χ^2/NDF : 36.3/33

In: 0.105+/-0.037 χ^2/NDF : 17.8/19

Out: 0.162+/-0.037 χ^2/NDF : 31.2/22

All: 0.134+/-0.026 χ^2/NDF : 50.2/42

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 $\chi^2/\text{NDF}: 13.8/15$

Left Out: 0.107 ± 0.043 $\chi^2/\text{NDF}: 2.5/4$

Right Out: 0.059 ± 0.034 $\chi^2/\text{NDF}: 20.6/17$

Left In: 0.051 ± 0.047 $\chi^2/\text{NDF}: 9.7/3$

Left: 0.082 ± 0.032 $\chi^2/\text{NDF}: 12.9/8$

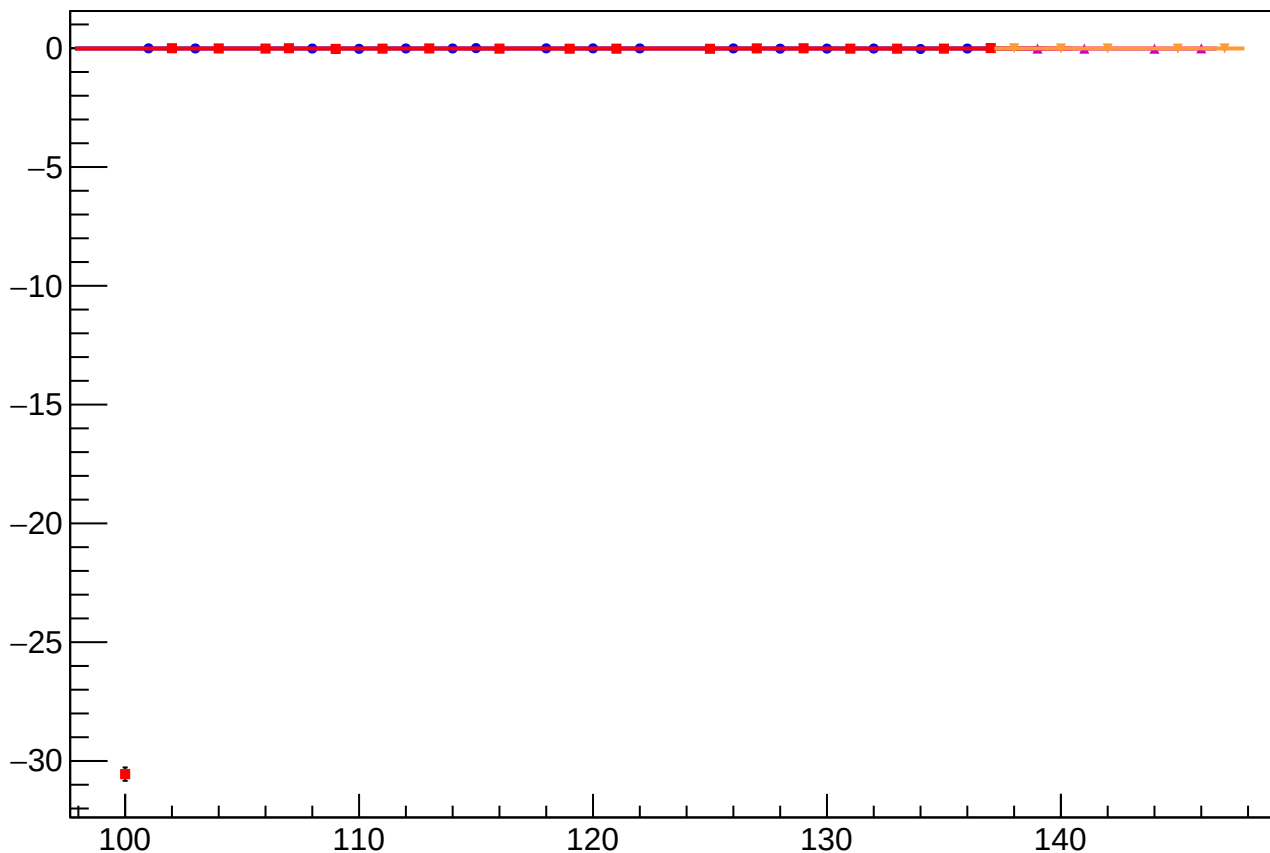
Right: 0.022 ± 0.023 $\chi^2/\text{NDF}: 36.5/33$

In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 24.6/19$

Out: 0.077 ± 0.027 $\chi^2/\text{NDF}: 23.9/22$

All: 0.043 ± 0.019 $\chi^2/\text{NDF}: 51.7/42$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.010 $\pm$ 0.002 χ^2 /NDF: 7.1/4

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

Left In: -0.015 $\pm$ 0.002 χ^2 /NDF: 5.0/3

Left: -0.012 $\pm$ 0.001 χ^2 /NDF: 15.2/8

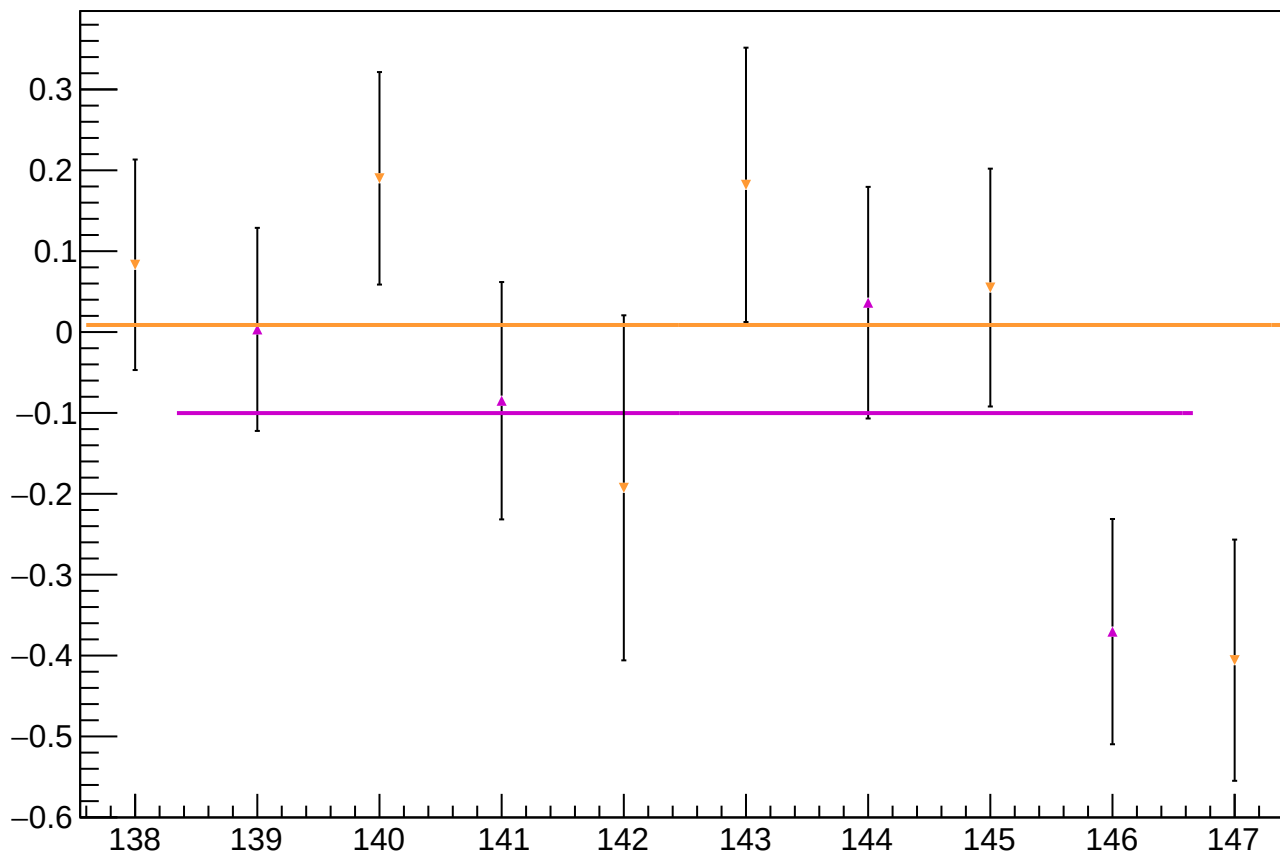
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11904.4/33

In: -0.013 $\pm$ 0.001 χ^2 /NDF: 19.0/19

Out: -0.011 $\pm$ 0.001 χ^2 /NDF: 11899.5/22

All: -0.012 $\pm$ 0.001 χ^2 /NDF: 11919.7/42

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.009+/-0.061 χ^2/NDF :12.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.100+/-0.069 χ^2/NDF :5.4/3

Left: -0.039+/-0.046 χ^2/NDF : 18.7/9

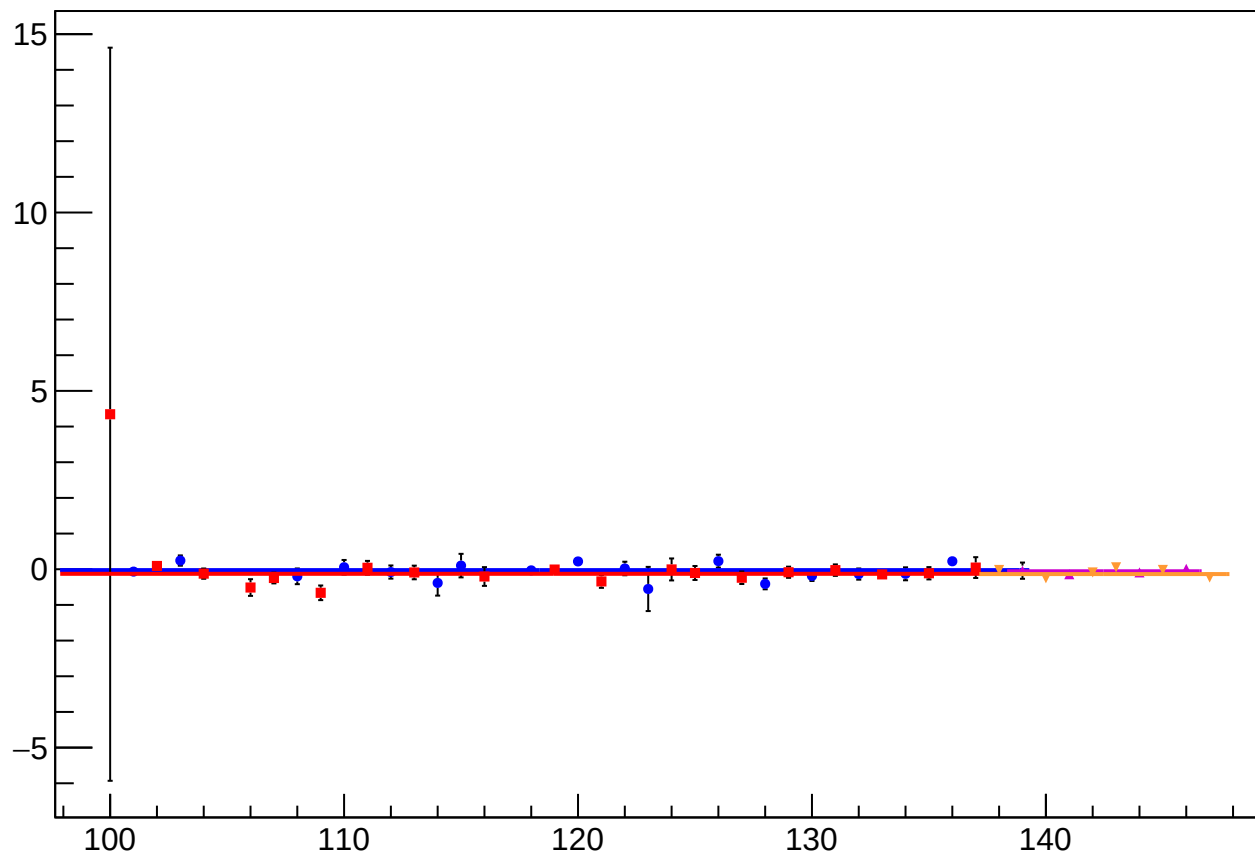
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.100+/-0.069 χ^2/NDF :5.4/3

Out: 0.009+/-0.061 χ^2/NDF :12.0/5

All: -0.039+/-0.046 χ^2/NDF : 18.7/9

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 $\chi^2/\text{NDF}: 23.4/16$

Left Out: -0.136 ± 0.044 $\chi^2/\text{NDF}: 7.3/5$

Right Out: -0.128 ± 0.039 $\chi^2/\text{NDF}: 17.6/18$

Left In: -0.057 ± 0.053 $\chi^2/\text{NDF}: 1.4/3$

Left: -0.104 ± 0.034 $\chi^2/\text{NDF}: 10.0/9$

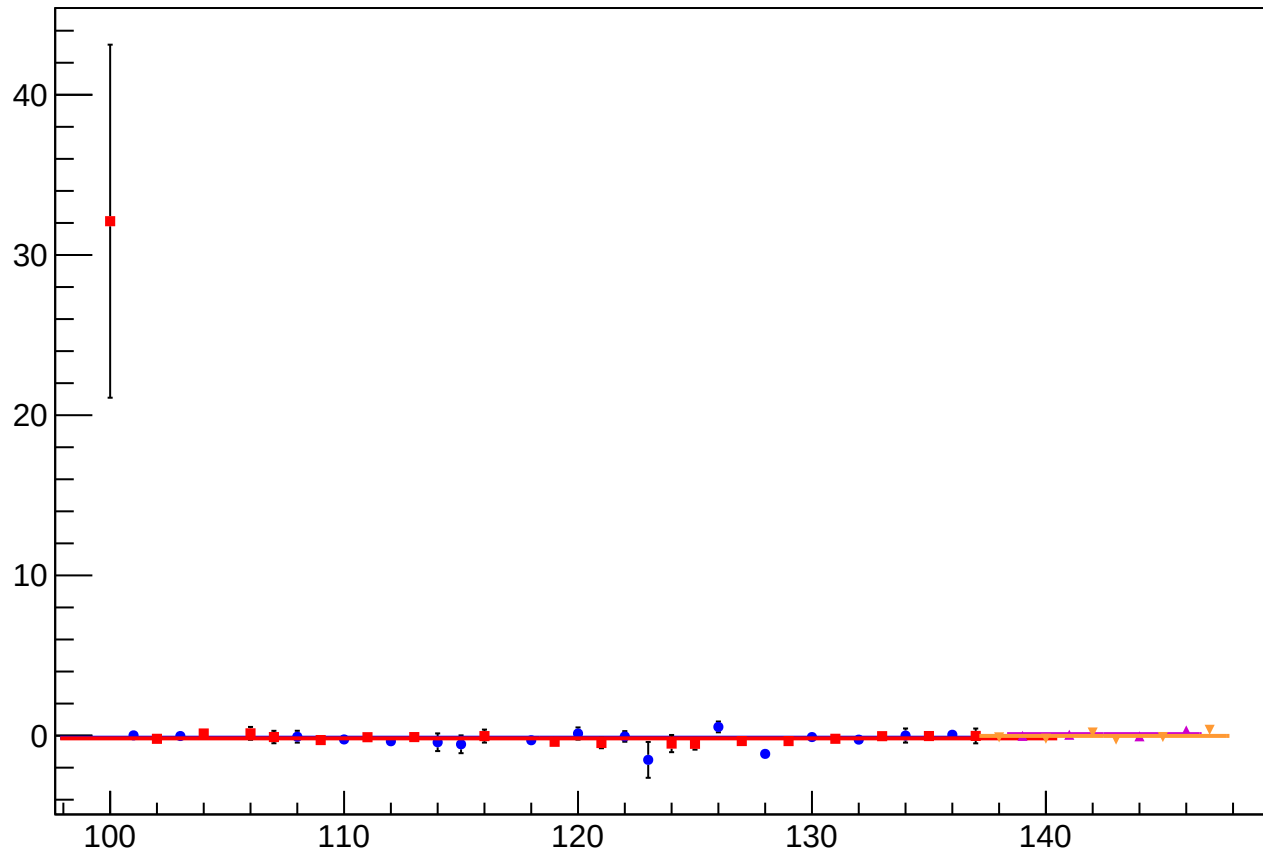
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.7/35$

In: -0.035 ± 0.030 $\chi^2/\text{NDF}: 25.0/20$

Out: -0.132 ± 0.029 $\chi^2/\text{NDF}: 24.9/24$

All: -0.085 ± 0.021 $\chi^2/\text{NDF}: 55.3/45$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -0.018 ± 0.064 $\chi^2/\text{NDF}: 12.2/5$

Right Out: -0.172 ± 0.071 $\chi^2/\text{NDF}: 15.0/18$

Left In: 0.092 ± 0.072 $\chi^2/\text{NDF}: 4.5/3$

Left: 0.031 ± 0.048 $\chi^2/\text{NDF}: 18.0/9$

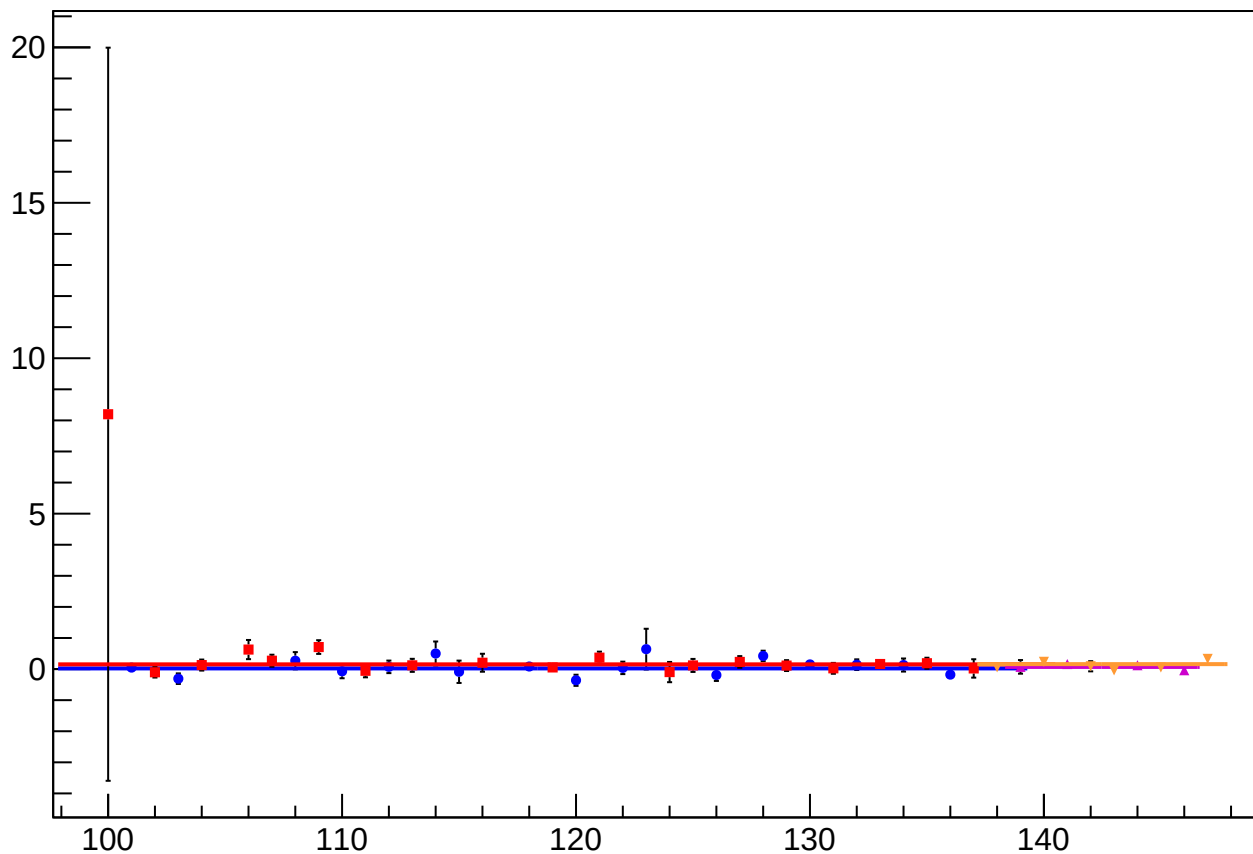
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 39.0/35$

In: -0.026 ± 0.049 $\chi^2/\text{NDF}: 33.3/20$

Out: -0.087 ± 0.048 $\chi^2/\text{NDF}: 29.8/24$

All: -0.057 ± 0.034 $\chi^2/\text{NDF}: 63.9/45$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.159+/-0.054 χ^2/NDF :6.6/5

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.069+/-0.064 χ^2/NDF :1.8/3

Left: 0.122+/-0.041 χ^2/NDF : 9.5/9

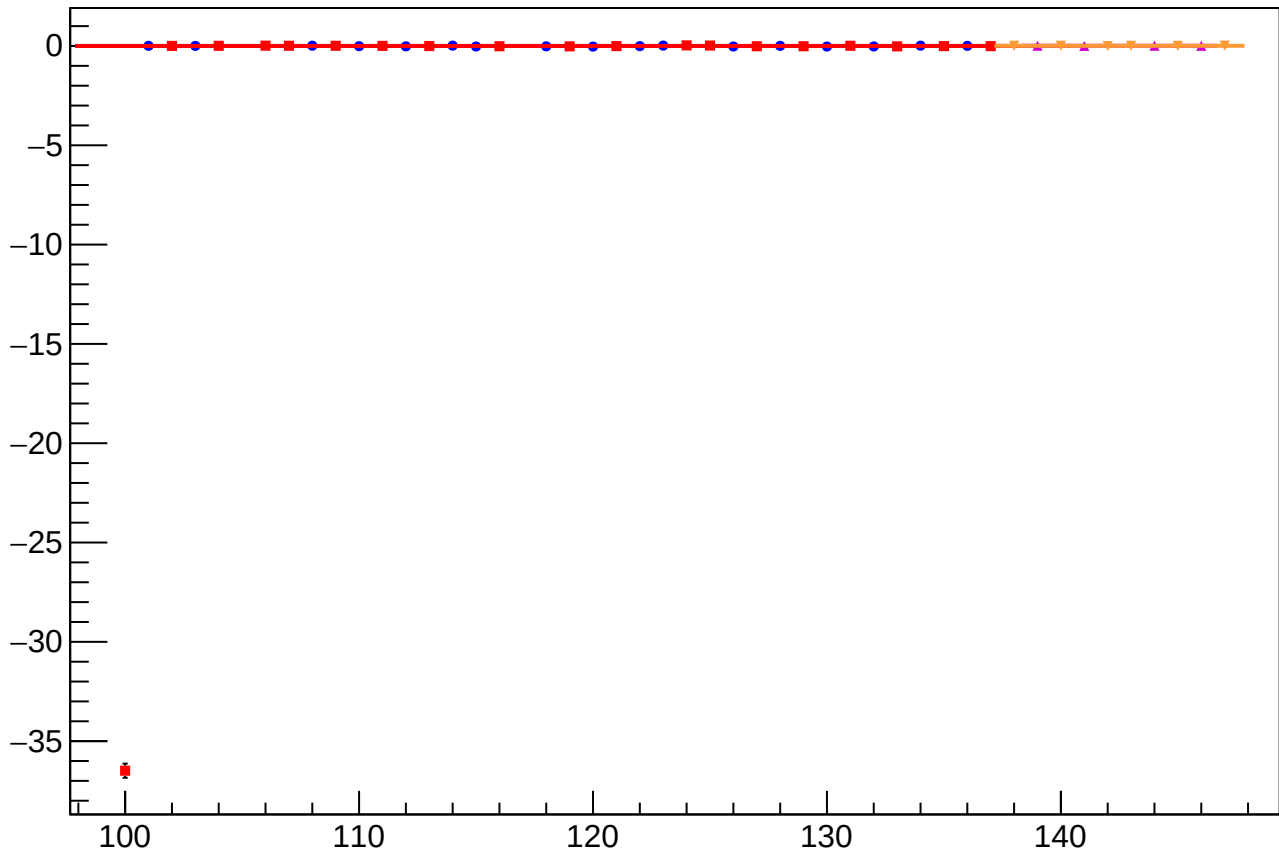
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.035+/-0.035 χ^2/NDF :24.7/20

Out: 0.155+/-0.035 χ^2/NDF :22.8/24

All: 0.096+/-0.025 χ^2/NDF : 53.3/45

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.003 χ^2 /NDF: 4.3/5

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/3

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.4/9

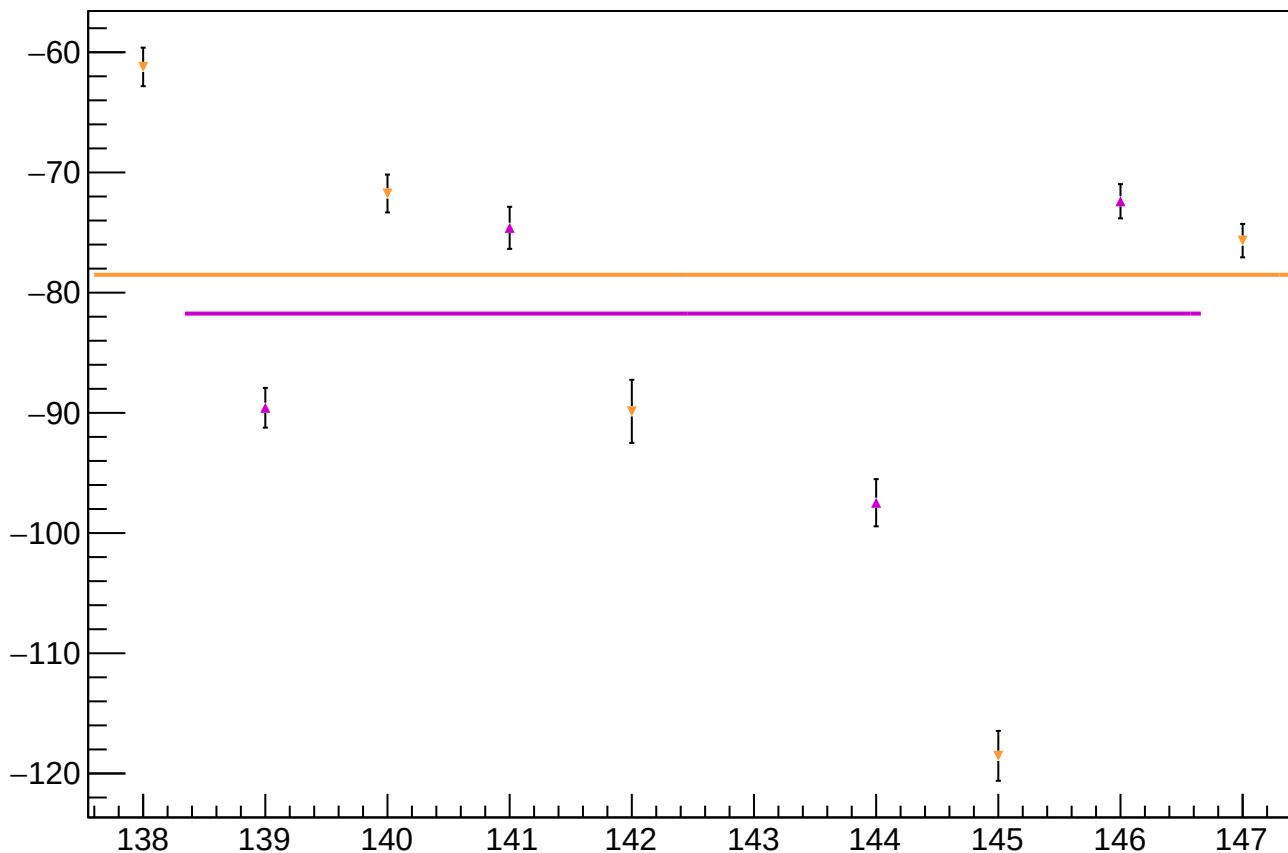
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.005 $\pm$ 0.002 χ^2 /NDF: 41.6/20

Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 10459.8/24

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10501.4/45

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -78.513+/-0.770 χ^2/NDF :529.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.741+/-0.832 χ^2/NDF :146.4/3

Left: -80.002+/-0.565 χ^2/NDF : 684.2/8

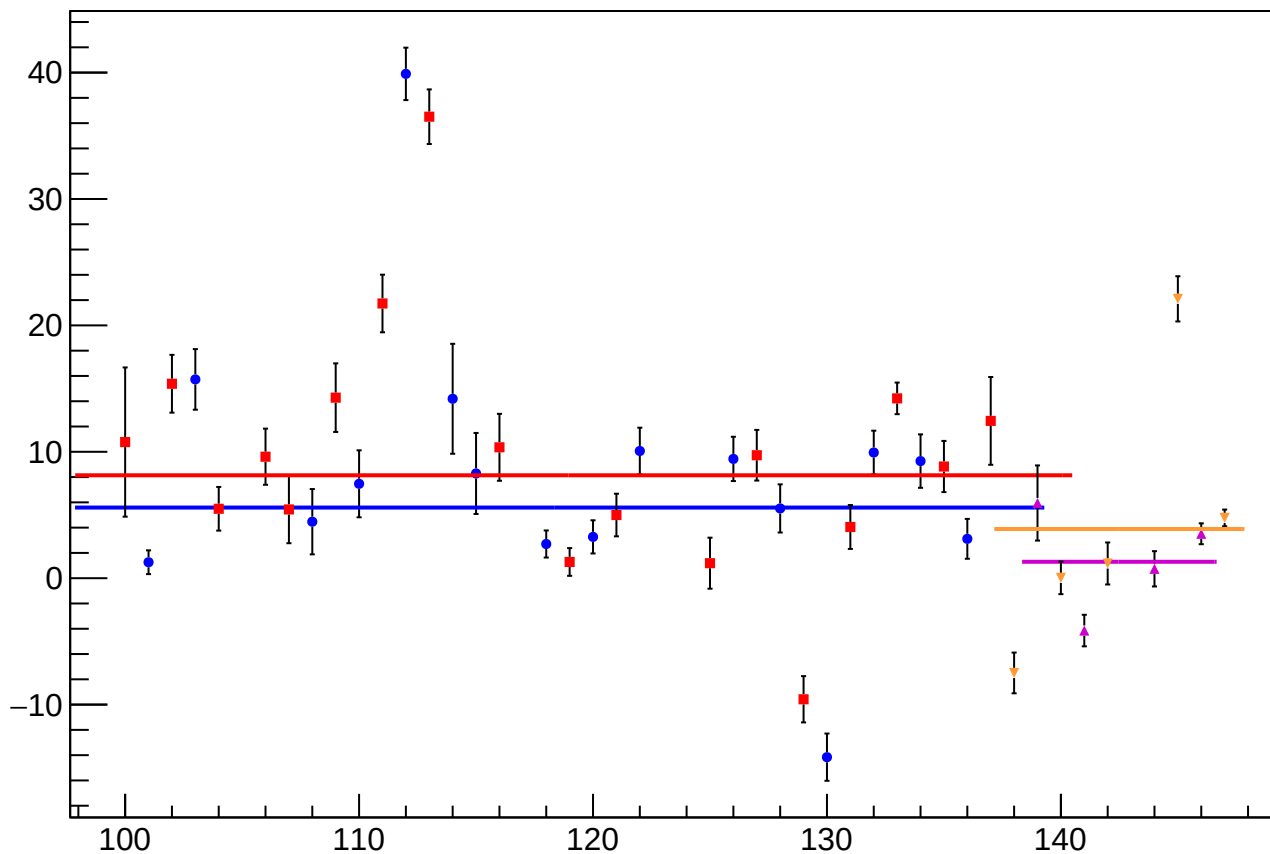
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.741+/-0.832 χ^2/NDF :146.4/3

Out: -78.513+/-0.770 χ^2/NDF :529.7/4

All: -80.002+/-0.565 χ^2/NDF : 684.2/8

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 3.895 ± 0.502 χ^2/NDF : 167.1/4

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

Left In: 1.299 ± 0.605 χ^2/NDF : 28.8/3

Left: 2.835 ± 0.386 χ^2/NDF : 206.8/8

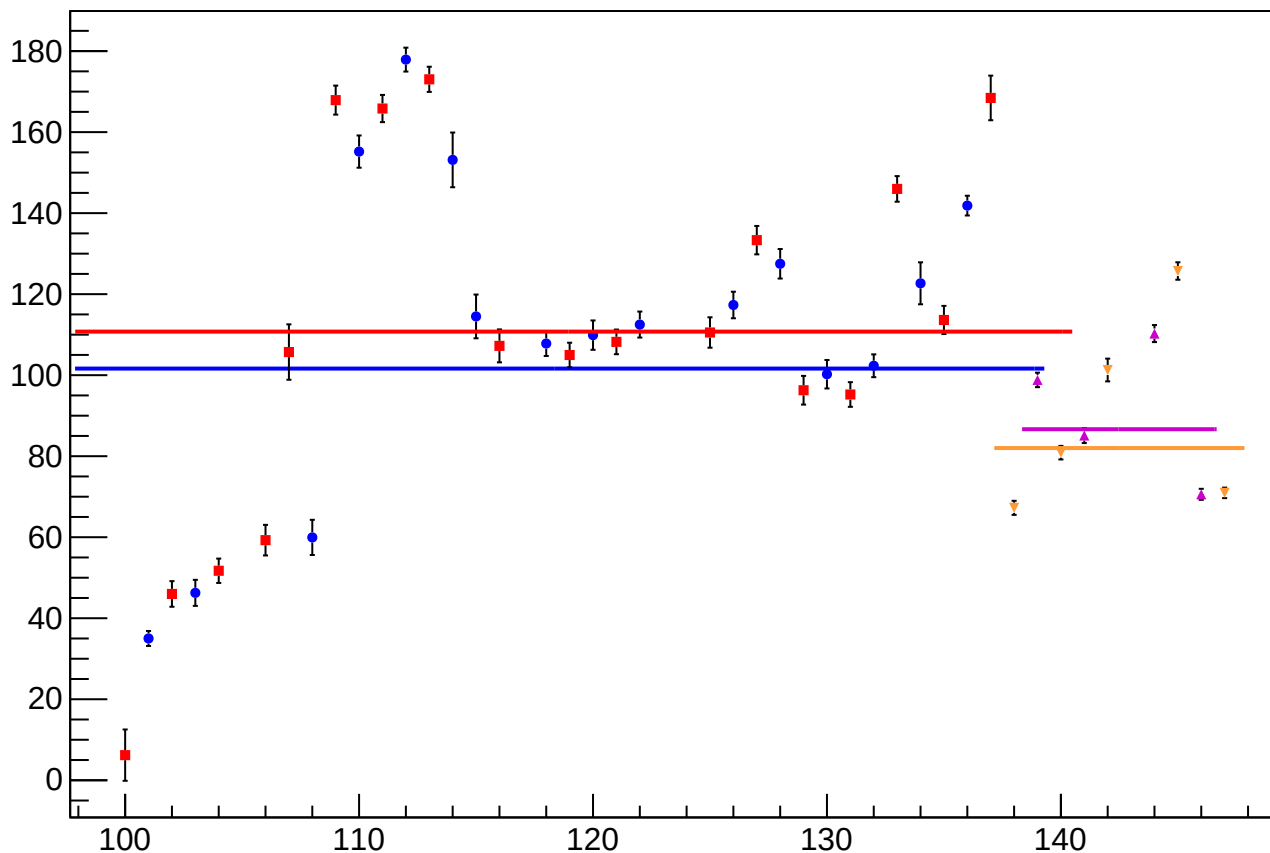
Right: 6.778 ± 0.310 χ^2/NDF : 887.4/33

In: 4.177 ± 0.347 χ^2/NDF : 525.4/19

Out: 6.234 ± 0.337 χ^2/NDF : 614.2/22

All: 5.236 ± 0.242 χ^2/NDF : 1157.7/42

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 82.009 $\pm$ 0.785 χ^2 /NDF:603.8/4

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

Left In: 86.660 $\pm$ 0.855 χ^2 /NDF:313.0/3

Left: 84.136 $\pm$ 0.578 χ^2 /NDF: 932.8/8

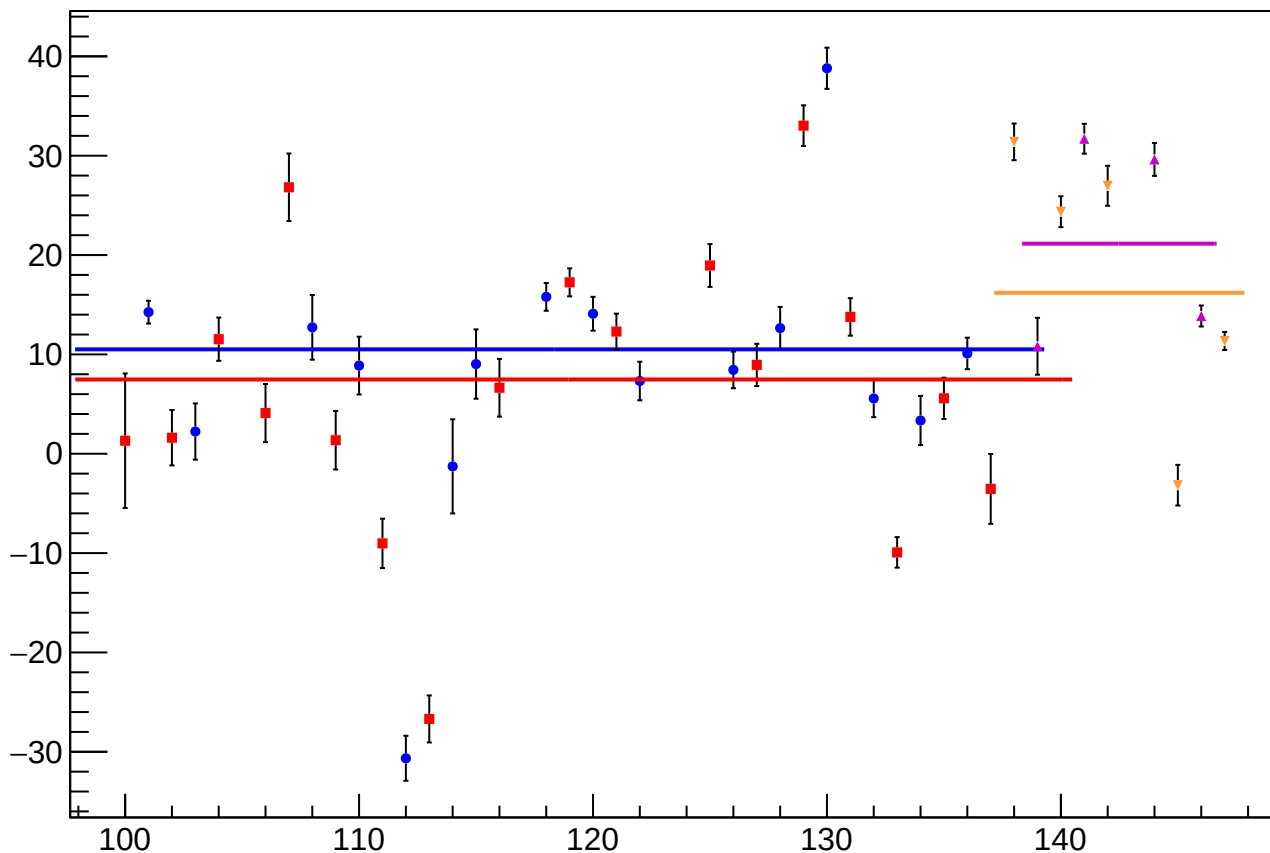
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 94.579 $\pm$ 0.587 χ^2 /NDF:3454.0/19

Out: 95.475 $\pm$ 0.572 χ^2 /NDF:3745.0/22

All: 95.038 $\pm$ 0.410 χ^2 /NDF: 7200.1/42

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 16.200 ± 0.645 $\chi^2/\text{NDF}: 242.1/4$

Right Out: 7.477 ± 0.524 $\chi^2/\text{NDF}: 689.3/17$

Left In: 21.147 ± 0.741 $\chi^2/\text{NDF}: 136.0/3$

Left: 18.333 ± 0.486 $\chi^2/\text{NDF}: 403.5/8$

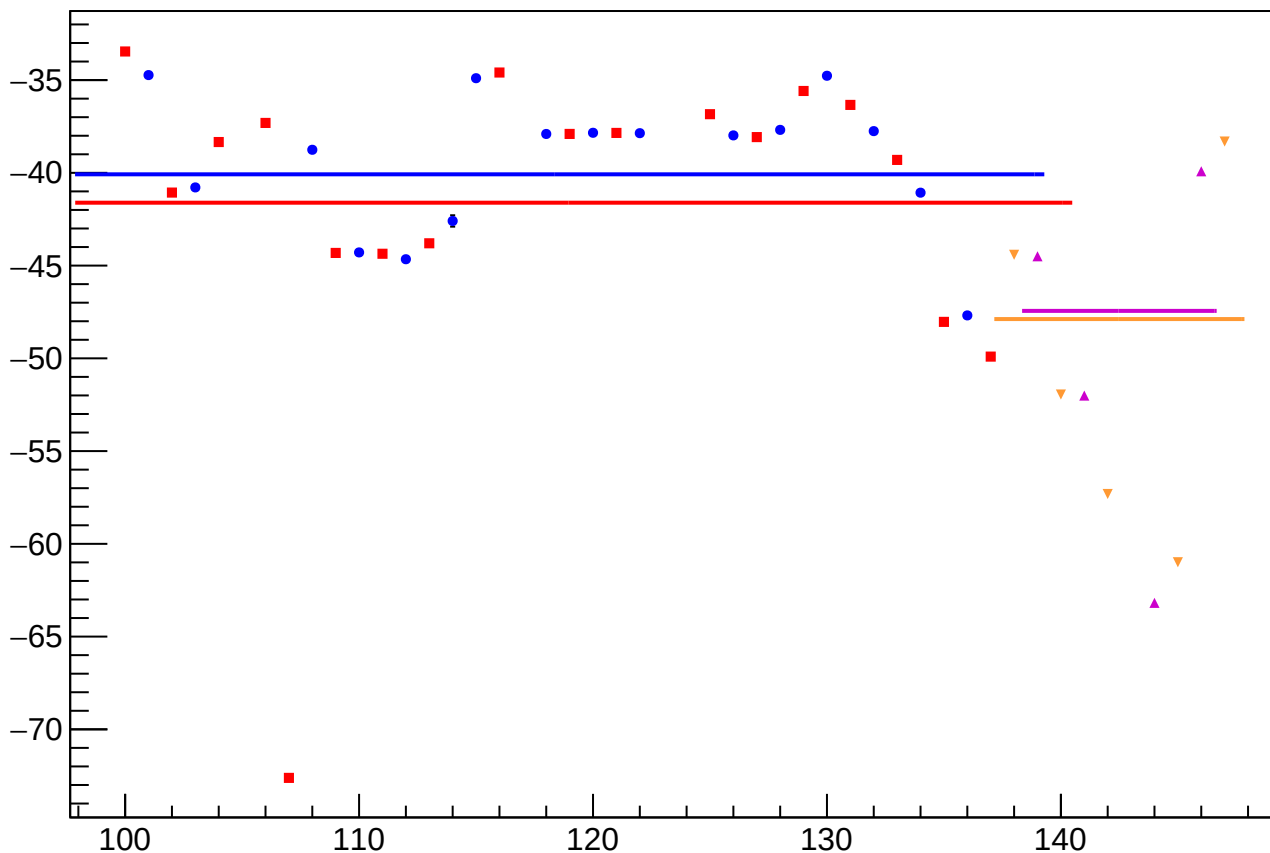
Right: 9.088 ± 0.359 $\chi^2/\text{NDF}: 1288.6/33$

In: 13.766 ± 0.410 $\chi^2/\text{NDF}: 860.7/19$

Out: 10.945 ± 0.407 $\chi^2/\text{NDF}: 1041.6/22$

All: 12.345 ± 0.289 $\chi^2/\text{NDF}: 1926.2/42$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -47.883 ± 0.034 χ^2/NDF : 60702.7/4

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

Left In: -47.442 ± 0.035 χ^2/NDF : 49508.9/3

Left: -47.673 ± 0.024 χ^2/NDF : 110293.2/8

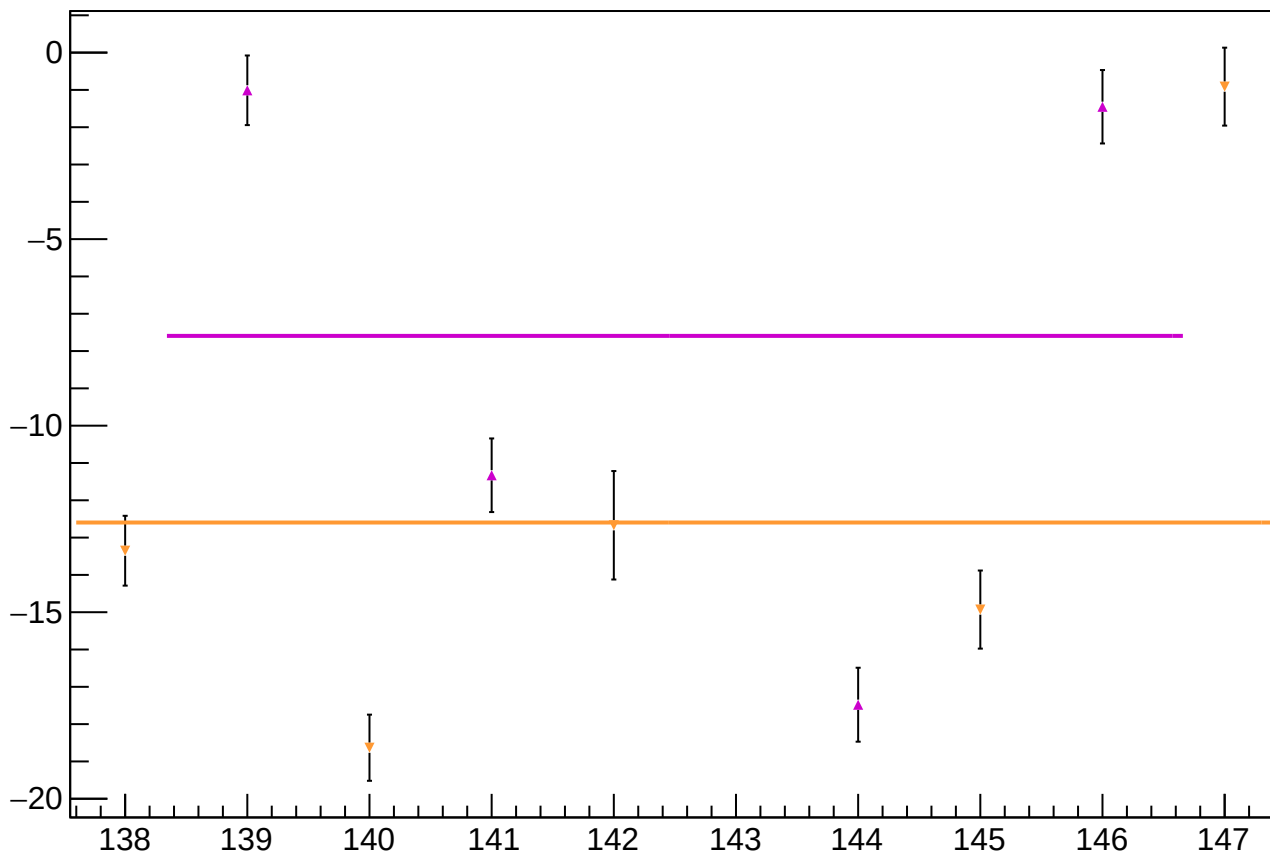
Right: -40.834 ± 0.020 χ^2/NDF : 88360.5/33

In: -42.945 ± 0.022 χ^2/NDF : 101160.2/19

Out: -44.235 ± 0.022 χ^2/NDF : 142659.4/22

All: -43.597 ± 0.015 χ^2/NDF : 245553.8/42

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.596+/-0.460 χ^2/NDF :177.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.593+/-0.486 χ^2/NDF :202.6/3

Left: -10.231+/-0.334 χ^2/NDF : 435.4/8

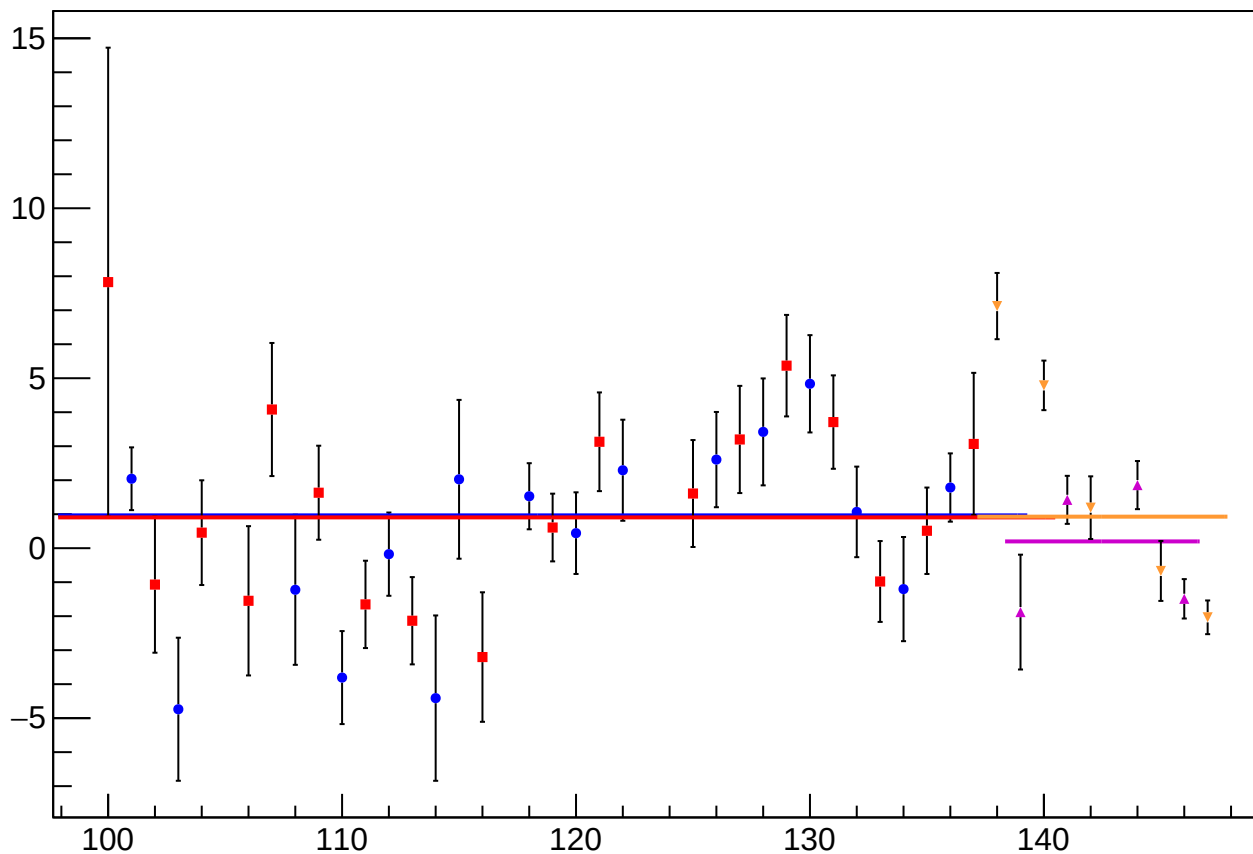
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.593+/-0.486 χ^2/NDF :202.6/3

Out: -12.596+/-0.460 χ^2/NDF :177.1/4

All: -10.231+/-0.334 χ^2/NDF : 435.4/8

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$

Left Out: 0.928 ± 0.325 $\chi^2/\text{NDF}: 107.5/4$

Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$

Left In: 0.199 ± 0.369 $\chi^2/\text{NDF}: 18.5/3$

Left: 0.610 ± 0.244 $\chi^2/\text{NDF}: 128.2/8$

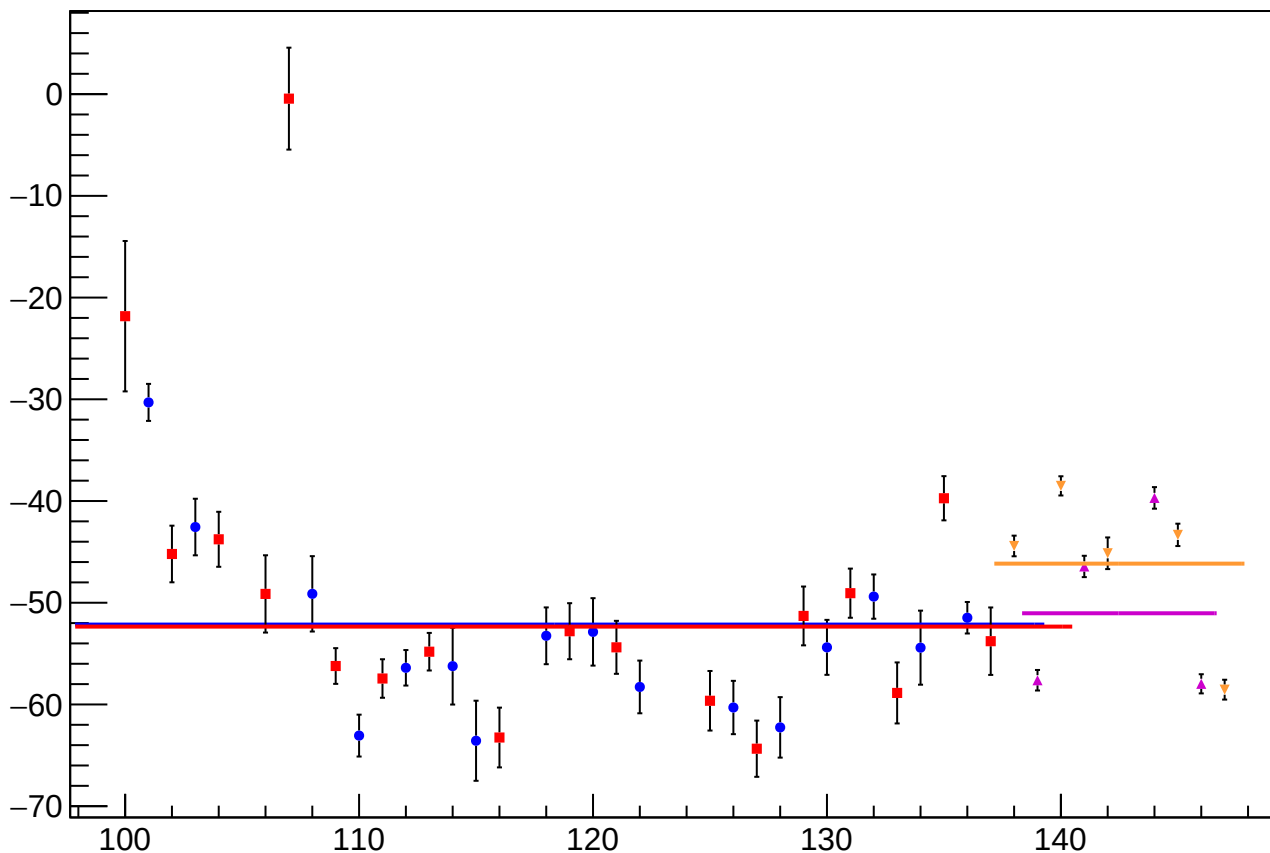
Right: 0.937 ± 0.244 $\chi^2/\text{NDF}: 84.9/33$

In: 0.616 ± 0.249 $\chi^2/\text{NDF}: 63.8/19$

Out: 0.918 ± 0.239 $\chi^2/\text{NDF}: 149.5/22$

All: 0.773 ± 0.173 $\chi^2/\text{NDF}: 214.0/42$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -46.156 ± 0.478 χ^2/NDF : 236.8/4

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

Left In: -51.035 ± 0.506 χ^2/NDF : 230.4/3

Left: -48.455 ± 0.347 χ^2/NDF : 516.4/8

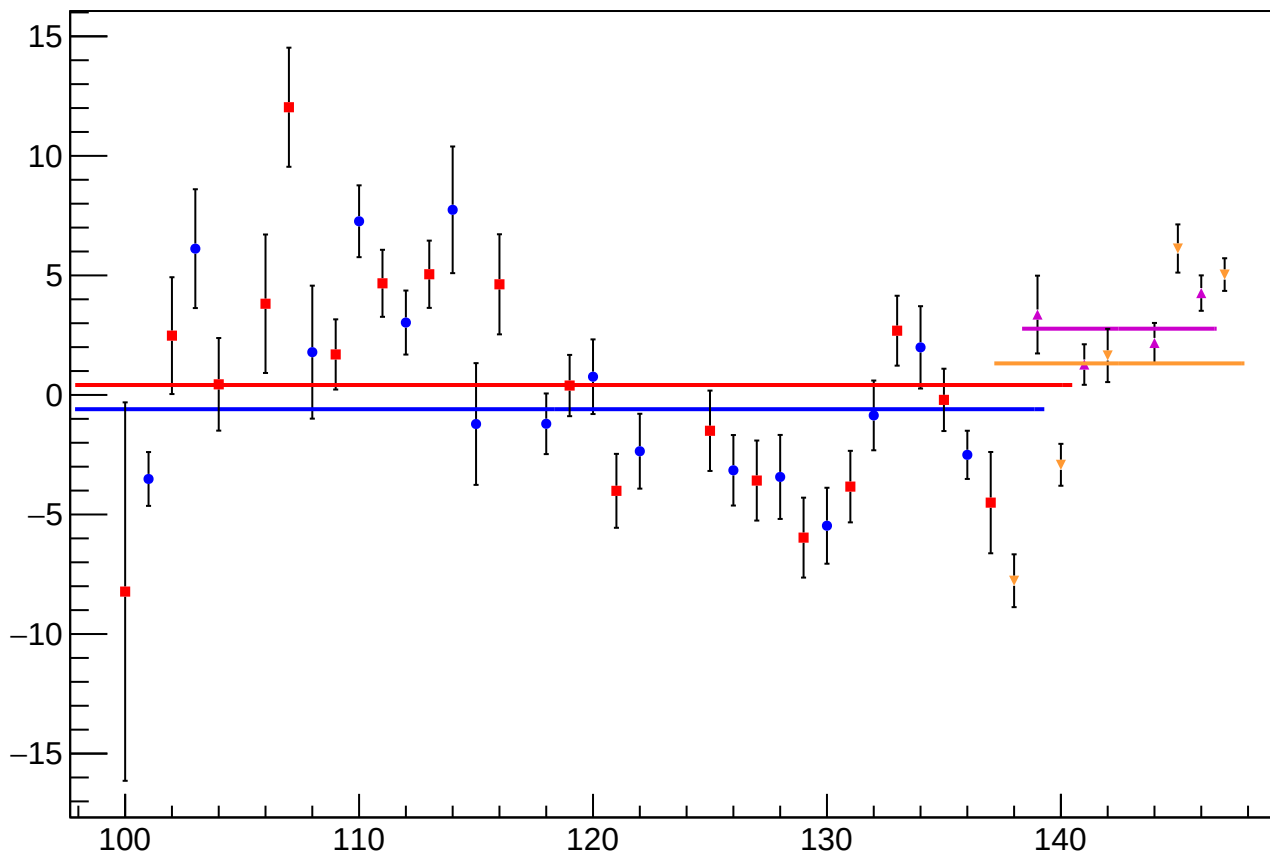
Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33

In: -51.487 ± 0.390 χ^2/NDF : 462.6/19

Out: -48.481 ± 0.377 χ^2/NDF : 535.7/22

All: -49.935 ± 0.271 χ^2/NDF : 1029.0/42

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.320 ± 0.406 χ^2/NDF : 143.5/4

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

Left In: 2.771 ± 0.447 χ^2/NDF : 7.8/3

Left: 1.977 ± 0.301 χ^2/NDF : 157.1/8

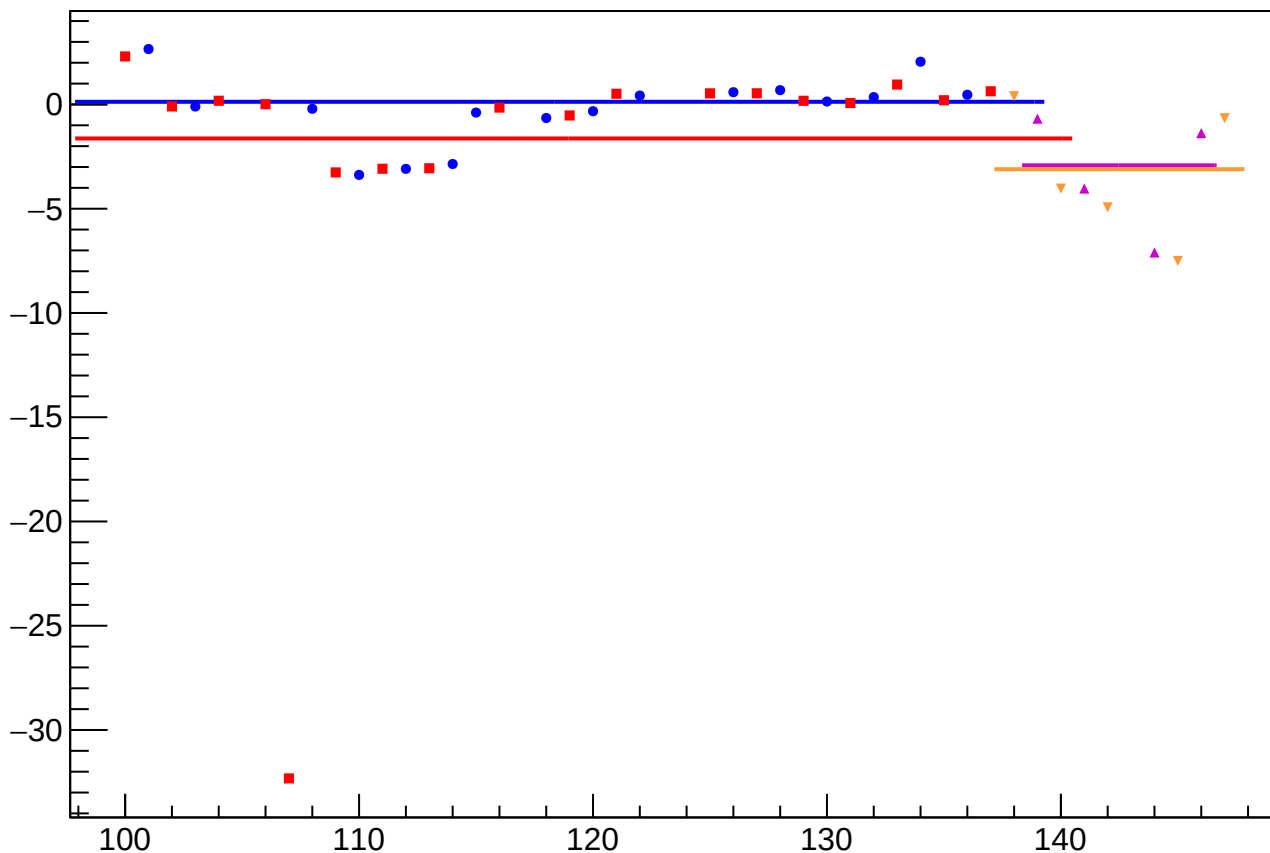
Right: -0.111 ± 0.277 χ^2/NDF : 181.7/33

In: 0.834 ± 0.291 χ^2/NDF : 123.1/19

Out: 0.860 ± 0.285 χ^2/NDF : 241.8/22

All: 0.848 ± 0.204 χ^2/NDF : 364.9/42

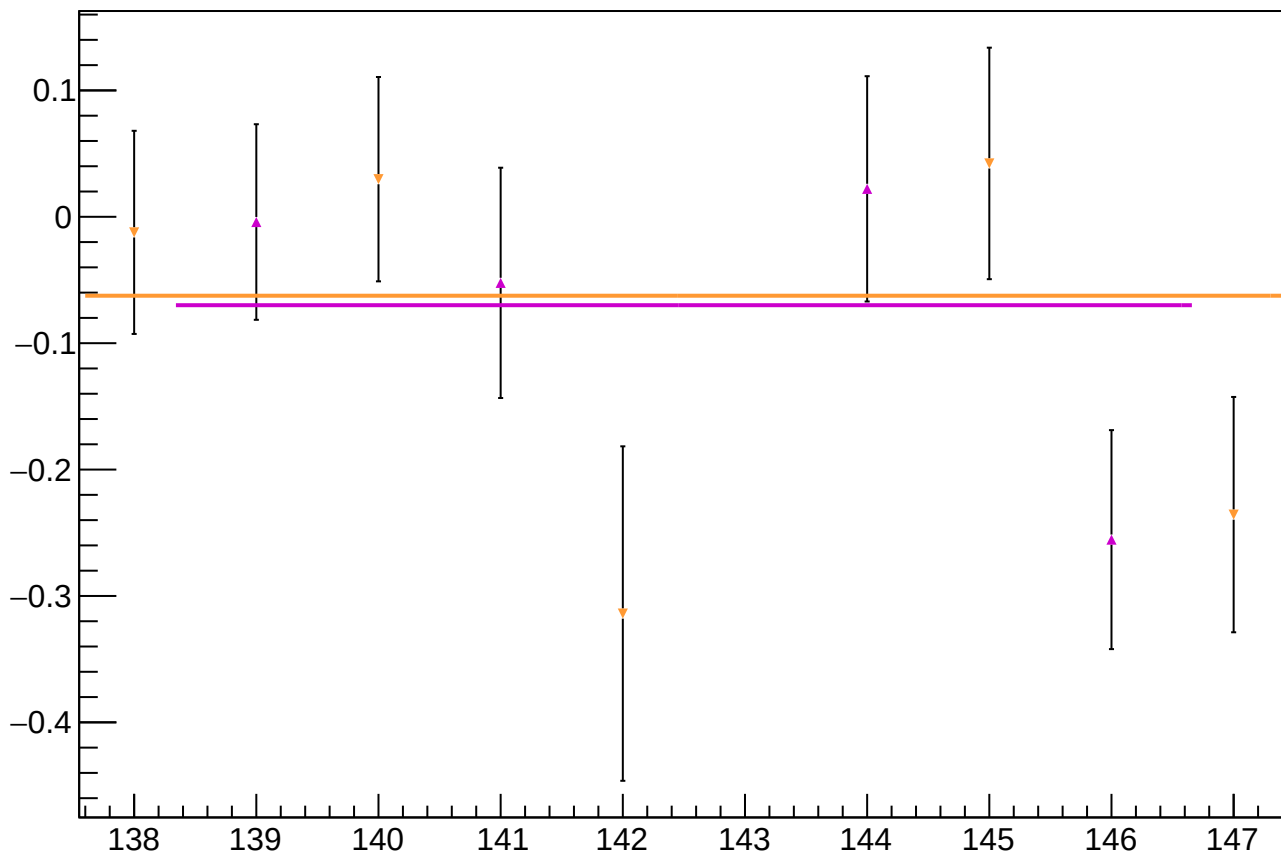
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -3.105 ± 0.020 $\chi^2/\text{NDF}: 22369.9/4$
 Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$
 Left In: -2.919 ± 0.021 $\chi^2/\text{NDF}: 14018.0/3$

Left: -3.015 ± 0.014 $\chi^2/\text{NDF}: 36429.8/8$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$
 In: -1.454 ± 0.015 $\chi^2/\text{NDF}: 29704.7/19$
 Out: -2.431 ± 0.015 $\chi^2/\text{NDF}: 102729.1/22$
 All: -1.948 ± 0.010 $\chi^2/\text{NDF}: 134605.7/42$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.062+/-0.041 χ^2/NDF :10.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.070+/-0.043 χ^2/NDF :6.4/3

Left: -0.066+/-0.030 χ^2/NDF : 16.5/8

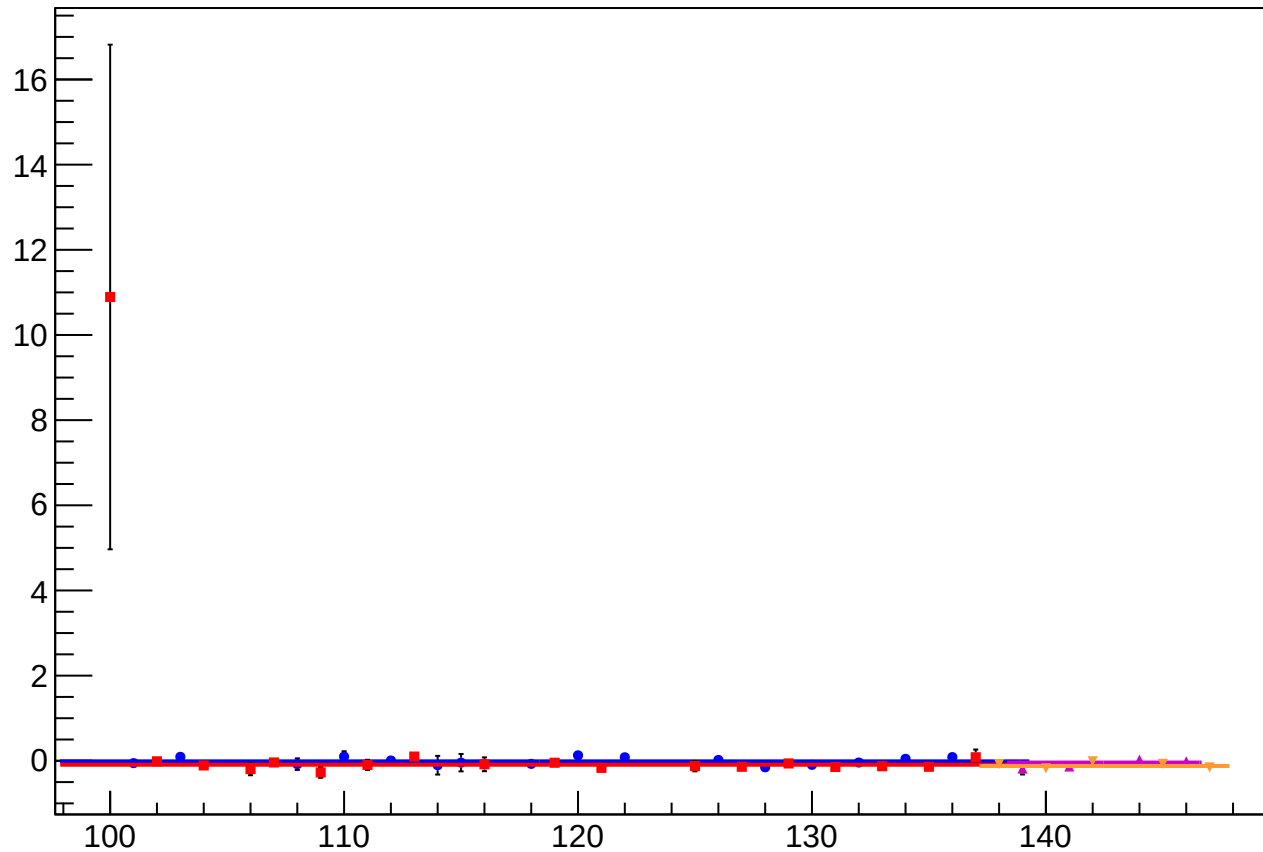
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.070+/-0.043 χ^2/NDF :6.4/3

Out: -0.062+/-0.041 χ^2/NDF :10.1/4

All: -0.066+/-0.030 χ^2/NDF : 16.5/8

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.121 ± 0.029 χ^2/NDF : 3.7/4

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

Left In: -0.041 ± 0.033 χ^2/NDF : 4.5/3

Left: -0.086 ± 0.022 χ^2/NDF : 11.5/8

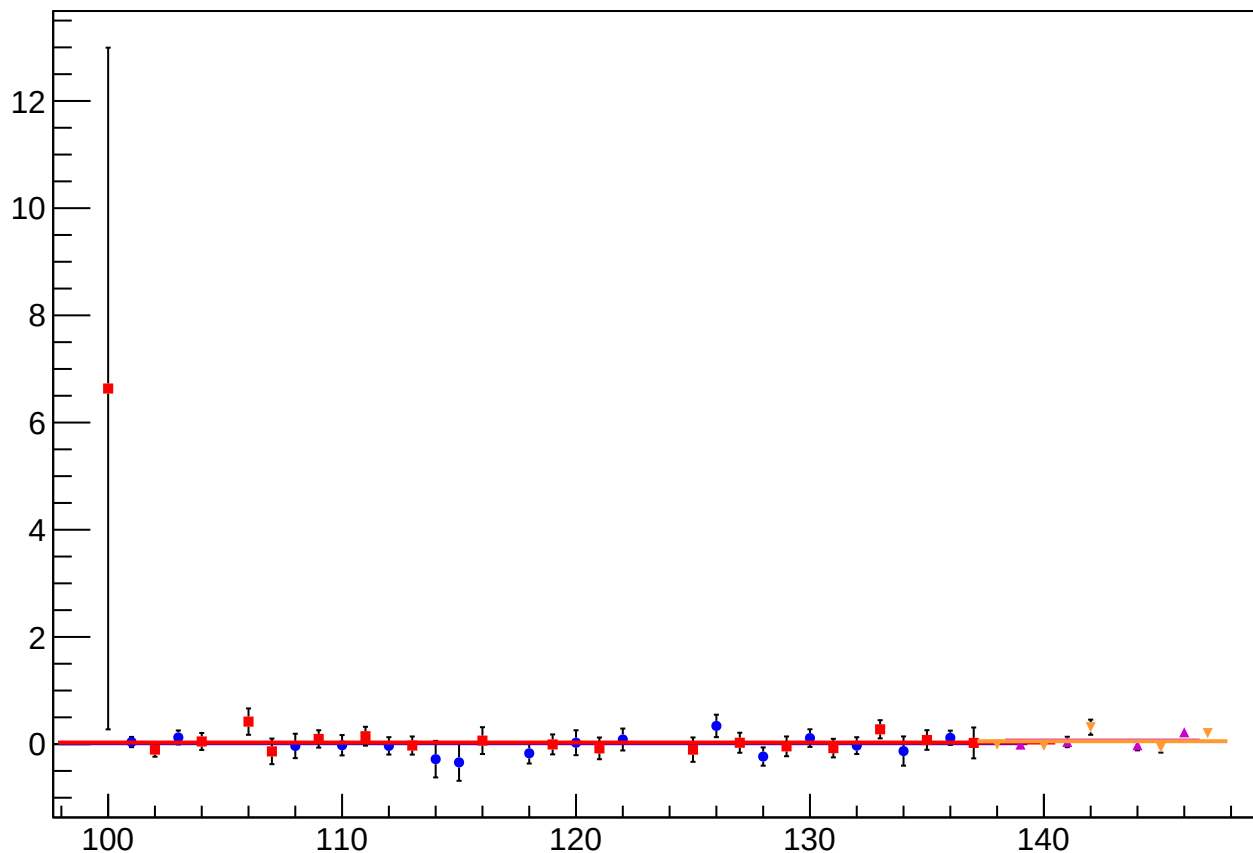
Right: -0.050 ± 0.017 χ^2/NDF : 30.3/33

In: -0.022 ± 0.019 χ^2/NDF : 17.3/19

Out: -0.104 ± 0.019 χ^2/NDF : 16.9/22

All: -0.064 ± 0.013 χ^2/NDF : 43.5/42

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.054 $\pm$ 0.042 χ^2 /NDF:9.4/4

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

Left In: 0.065 $\pm$ 0.045 χ^2 /NDF:5.2/3

Left: 0.060 $\pm$ 0.031 χ^2 /NDF: 14.6/8

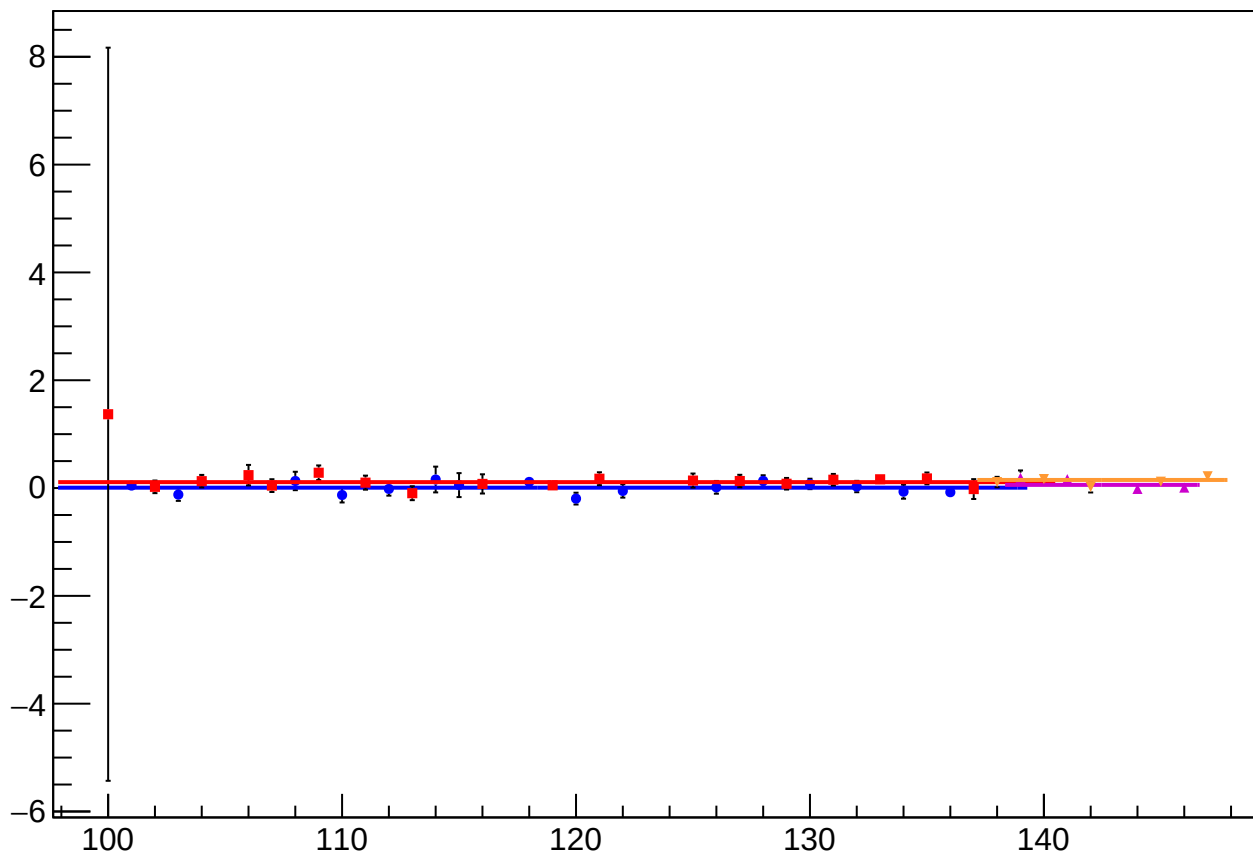
Right: 0.023 $\pm$ 0.031 χ^2 /NDF: 18.9/33

In: 0.040 $\pm$ 0.031 χ^2 /NDF:15.4/19

Out: 0.043 $\pm$ 0.031 χ^2 /NDF:18.8/22

All: 0.042 $\pm$ 0.022 χ^2 /NDF: 34.2/42

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.150 $\pm$ 0.036 χ^2 /NDF:3.3/4

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

Left In: 0.059 $\pm$ 0.040 χ^2 /NDF:4.4/3

Left: 0.109 $\pm$ 0.027 χ^2 /NDF: 10.5/8

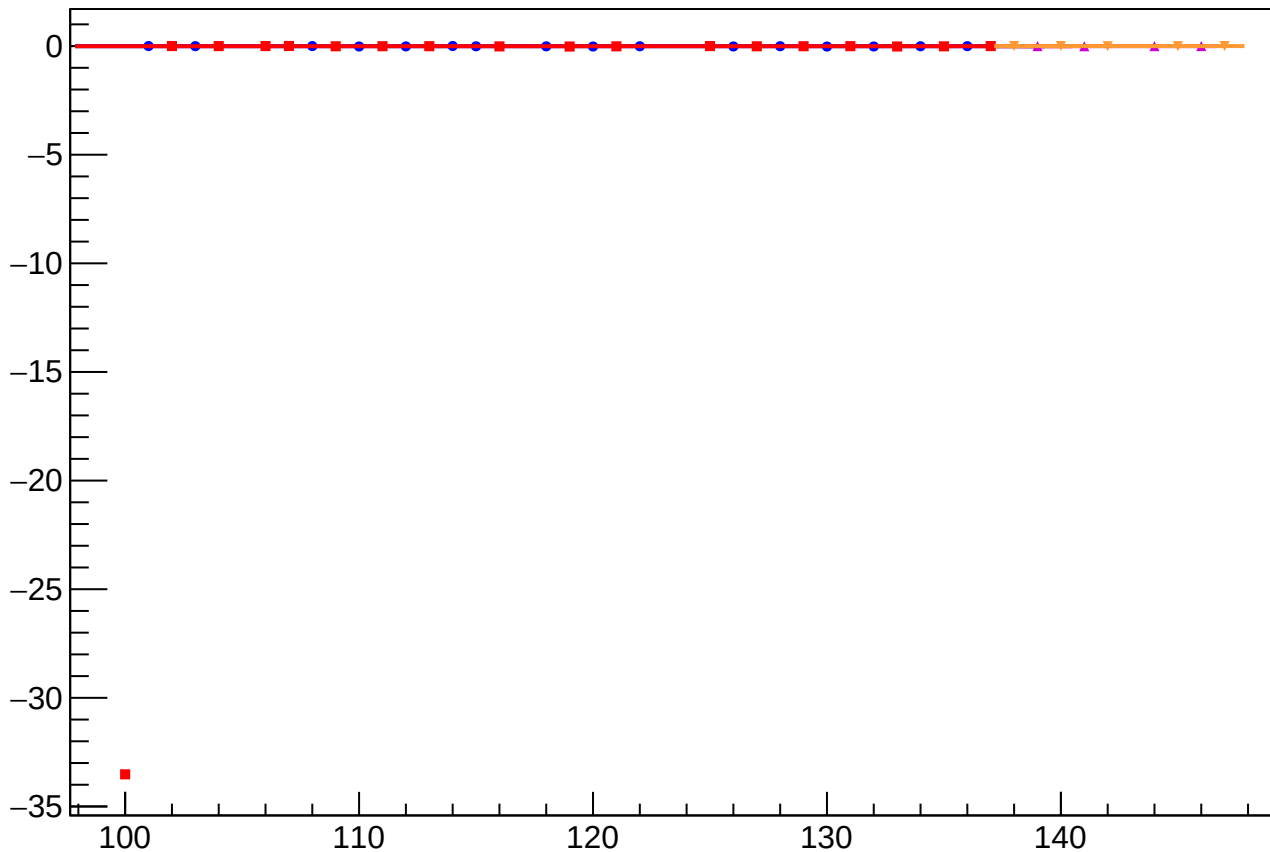
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.023 $\pm$ 0.022 χ^2 /NDF:17.7/19

Out: 0.125 $\pm$ 0.023 χ^2 /NDF:12.0/22

All: 0.074 $\pm$ 0.016 χ^2 /NDF: 40.1/42

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.000 $\pm$ 0.002 χ^2 /NDF:6.0/4

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.002 $\pm$ 0.002 χ^2 /NDF:2.9/3

Left: -0.001 $\pm$ 0.001 χ^2 /NDF: 9.7/8

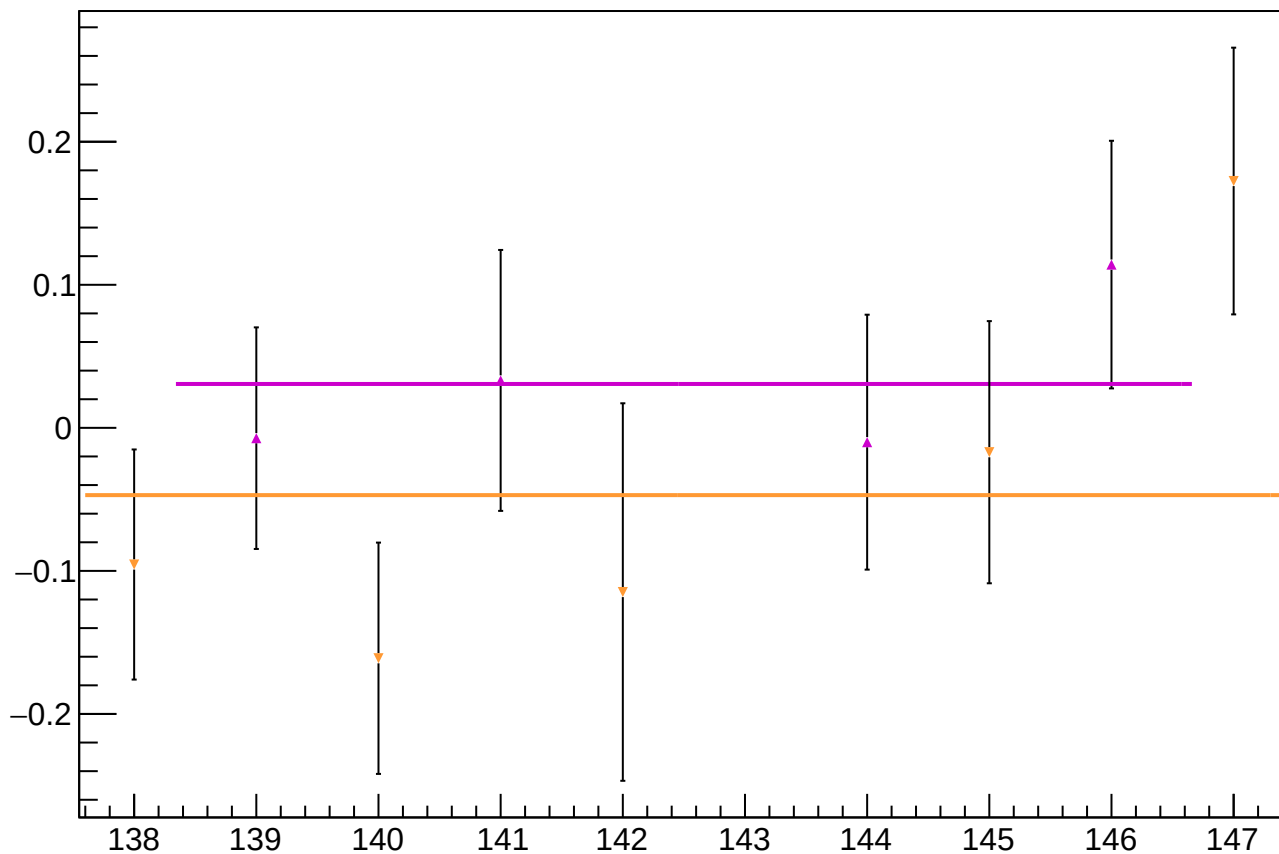
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.004 $\pm$ 0.001 χ^2 /NDF:27.9/19

Out: -0.003 $\pm$ 0.001 χ^2 /NDF:26522.1/22

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26550.1/42

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.047+/-0.041 χ^2/NDF : 8.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.031+/-0.043 χ^2/NDF : 1.4/3

Left: -0.010+/-0.030 χ^2/NDF : 11.4/8

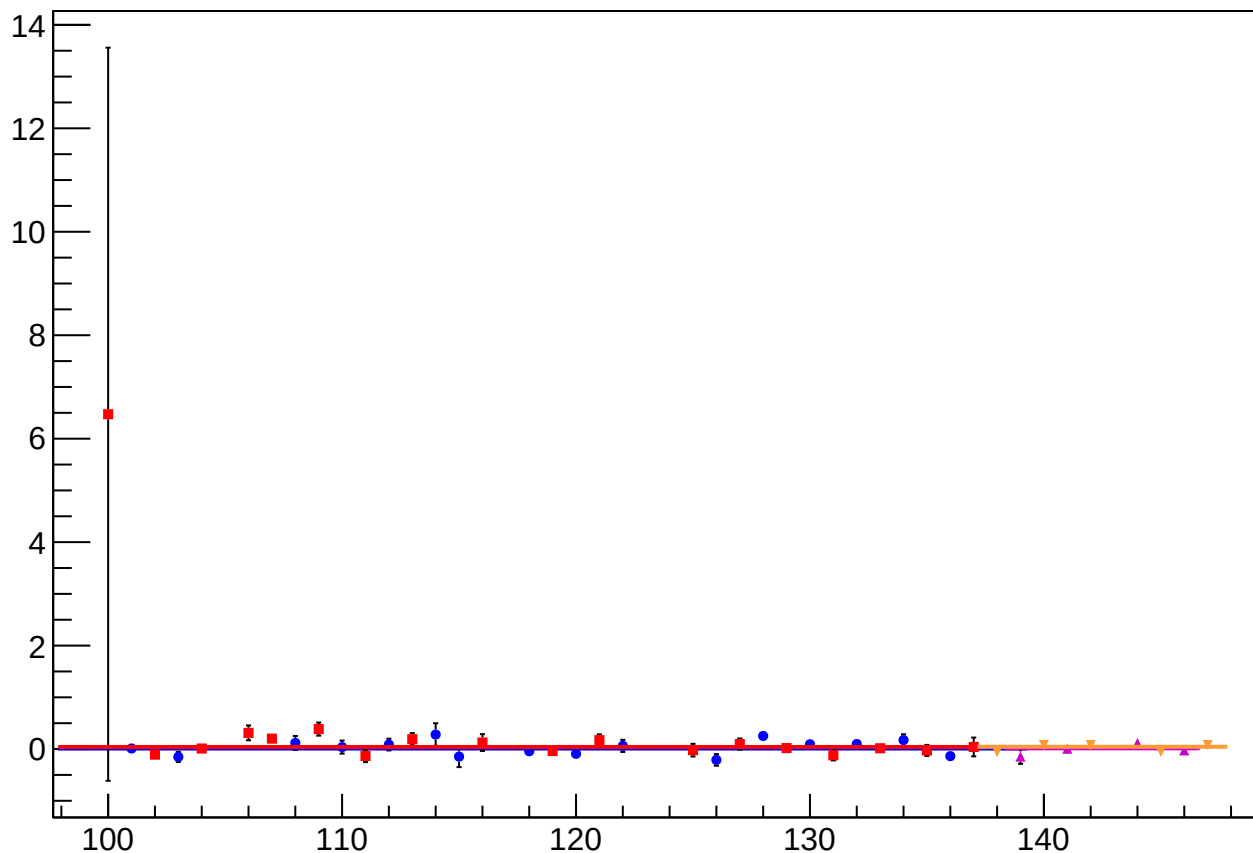
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.031+/-0.043 χ^2/NDF : 1.4/3

Out: -0.047+/-0.041 χ^2/NDF : 8.3/4

All: -0.010+/-0.030 χ^2/NDF : 11.4/8

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: 0.044 $\pm$ 0.029 χ^2 /NDF:3.9/4

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

Left In: 0.014 $\pm$ 0.033 χ^2 /NDF:4.4/3

Left: 0.031 $\pm$ 0.022 χ^2 /NDF: 8.8/8

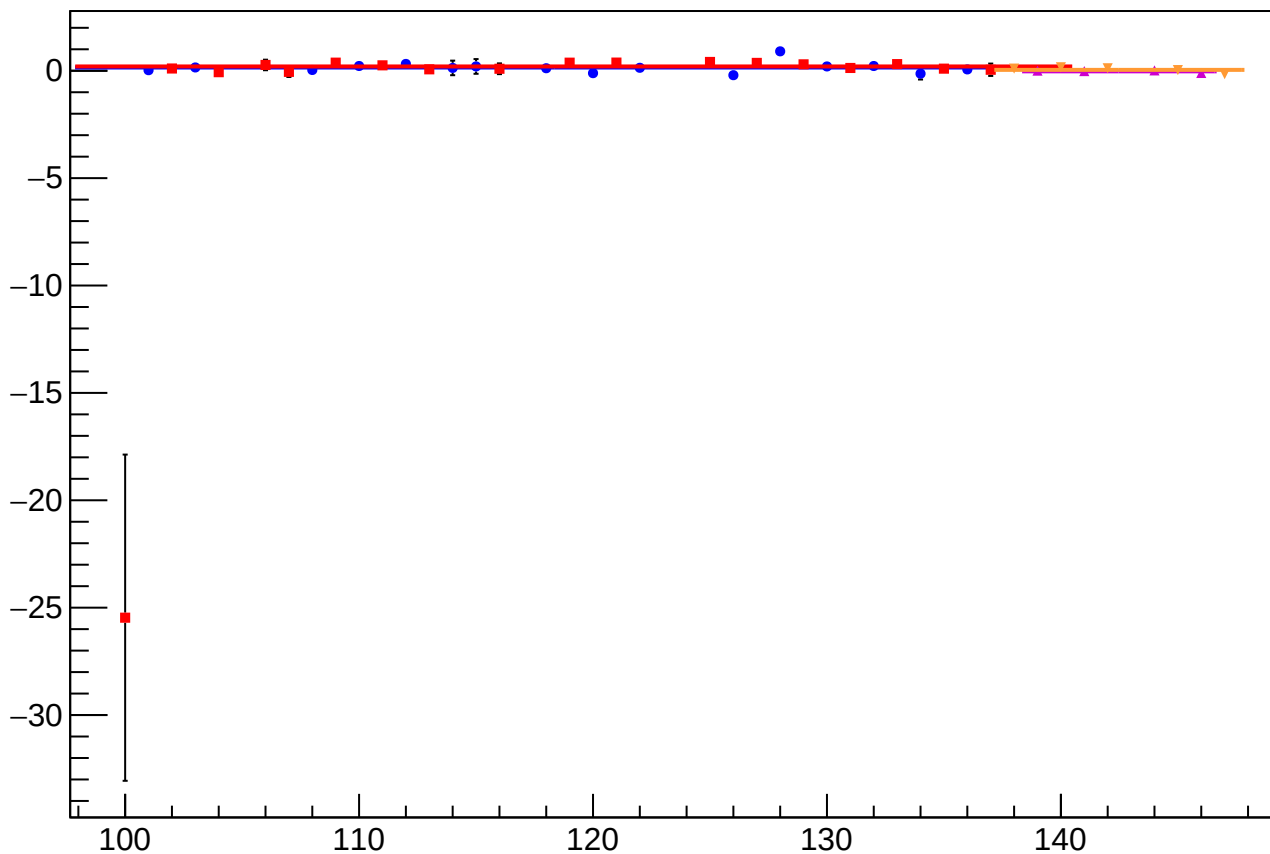
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.012 $\pm$ 0.019 χ^2 /NDF:29.9/19

Out: 0.042 $\pm$ 0.019 χ^2 /NDF:31.8/22

All: 0.027 $\pm$ 0.013 χ^2 /NDF: 63.0/42

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.041 $\pm$ 0.042 χ^2 /NDF: 8.0/4

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

Left In: -0.027 $\pm$ 0.045 χ^2 /NDF: 1.2/3

Left: 0.009 $\pm$ 0.031 χ^2 /NDF: 10.5/8

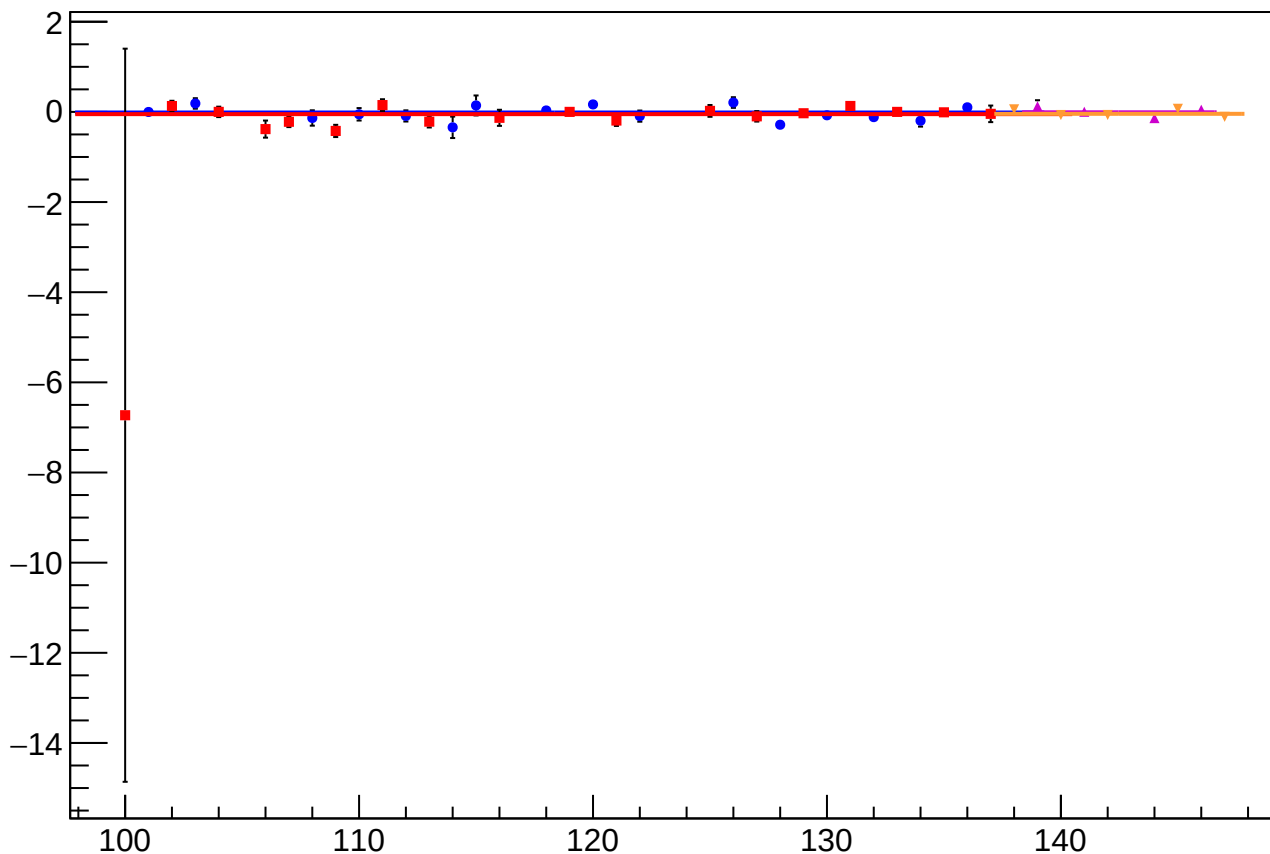
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.066 $\pm$ 0.031 χ^2 /NDF: 38.4/19

Out: 0.116 $\pm$ 0.031 χ^2 /NDF: 37.5/22

All: 0.091 $\pm$ 0.022 χ^2 /NDF: 77.2/42

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: -0.043 ± 0.036 χ^2/NDF : 4.0/4

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

Left In: -0.009 ± 0.040 χ^2/NDF : 4.7/3

Left: -0.027 ± 0.027 χ^2/NDF : 9.1/8

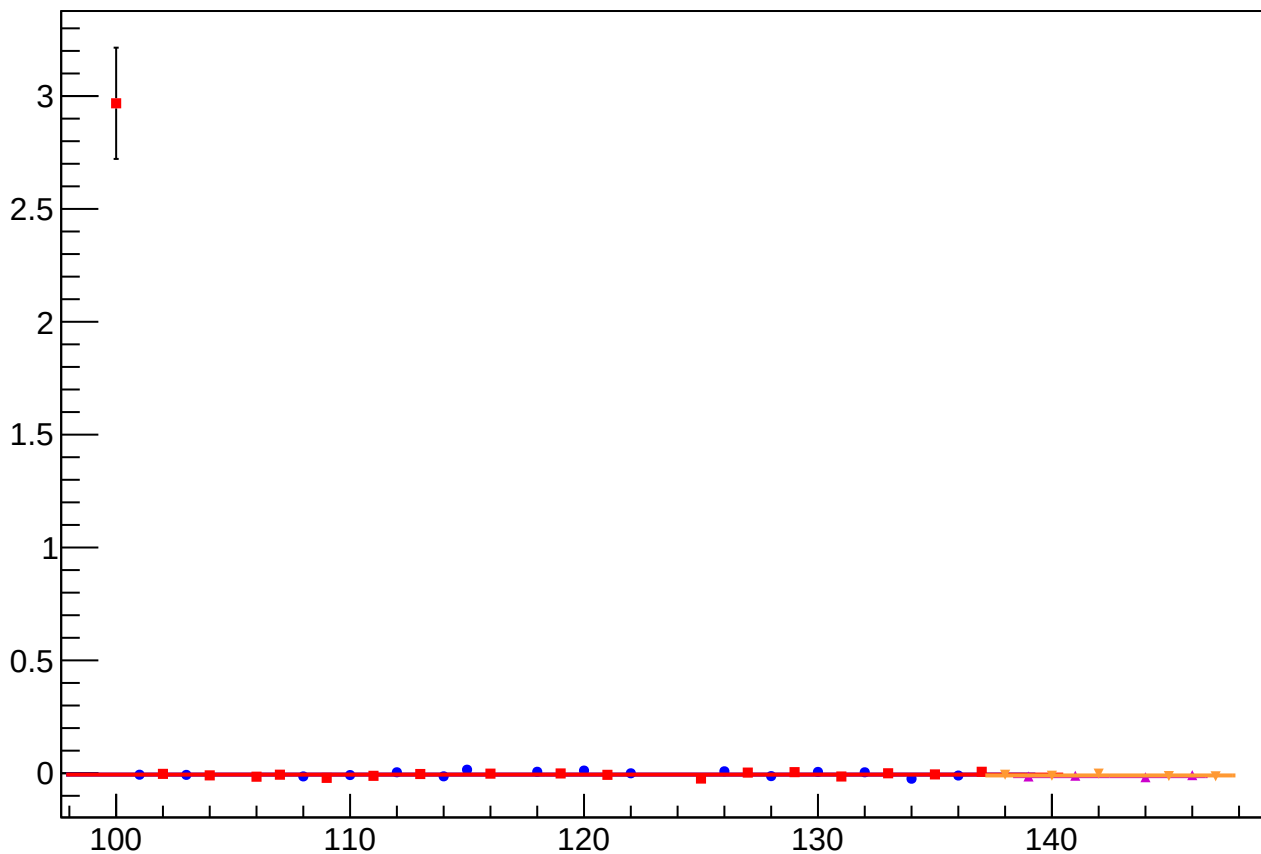
Right: -0.031 ± 0.020 χ^2/NDF : 51.8/33

In: -0.012 ± 0.022 χ^2/NDF : 29.8/19

Out: -0.047 ± 0.022 χ^2/NDF : 29.8/22

All: -0.029 ± 0.016 χ^2/NDF : 60.8/42

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 29.0/15

Left Out: -0.010 $\pm$ 0.002 χ^2 /NDF:4.5/4

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.9/17

Left In: -0.013 $\pm$ 0.002 χ^2 /NDF:3.1/3

Left: -0.011 $\pm$ 0.001 χ^2 /NDF: 9.1/8

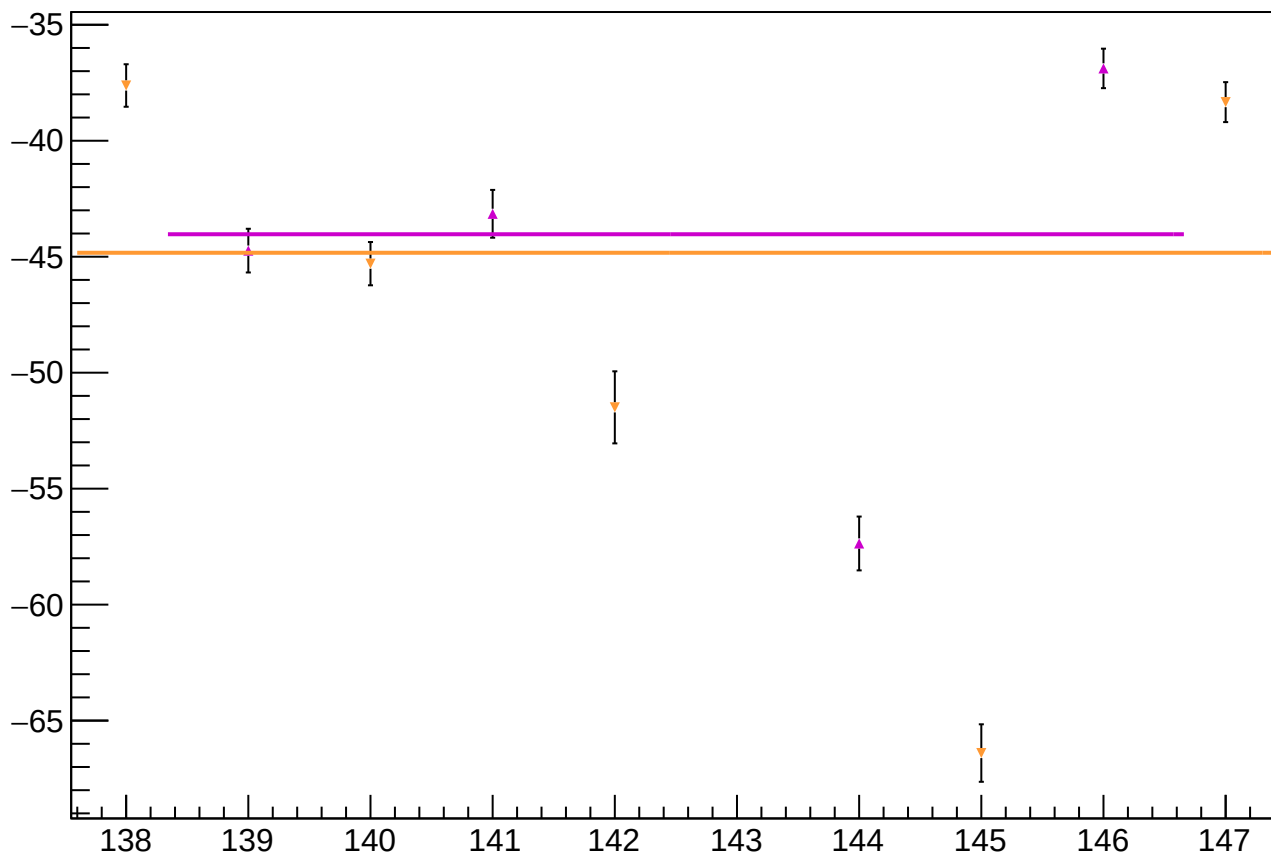
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 194.8/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:40.9/19

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:173.0/22

All: -0.008 $\pm$ 0.001 χ^2 /NDF: 214.5/42

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -44.830+/-0.459 χ^2/NDF :440.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.031+/-0.488 χ^2/NDF :203.8/3

Left: -44.456+/-0.334 χ^2/NDF : 645.5/8

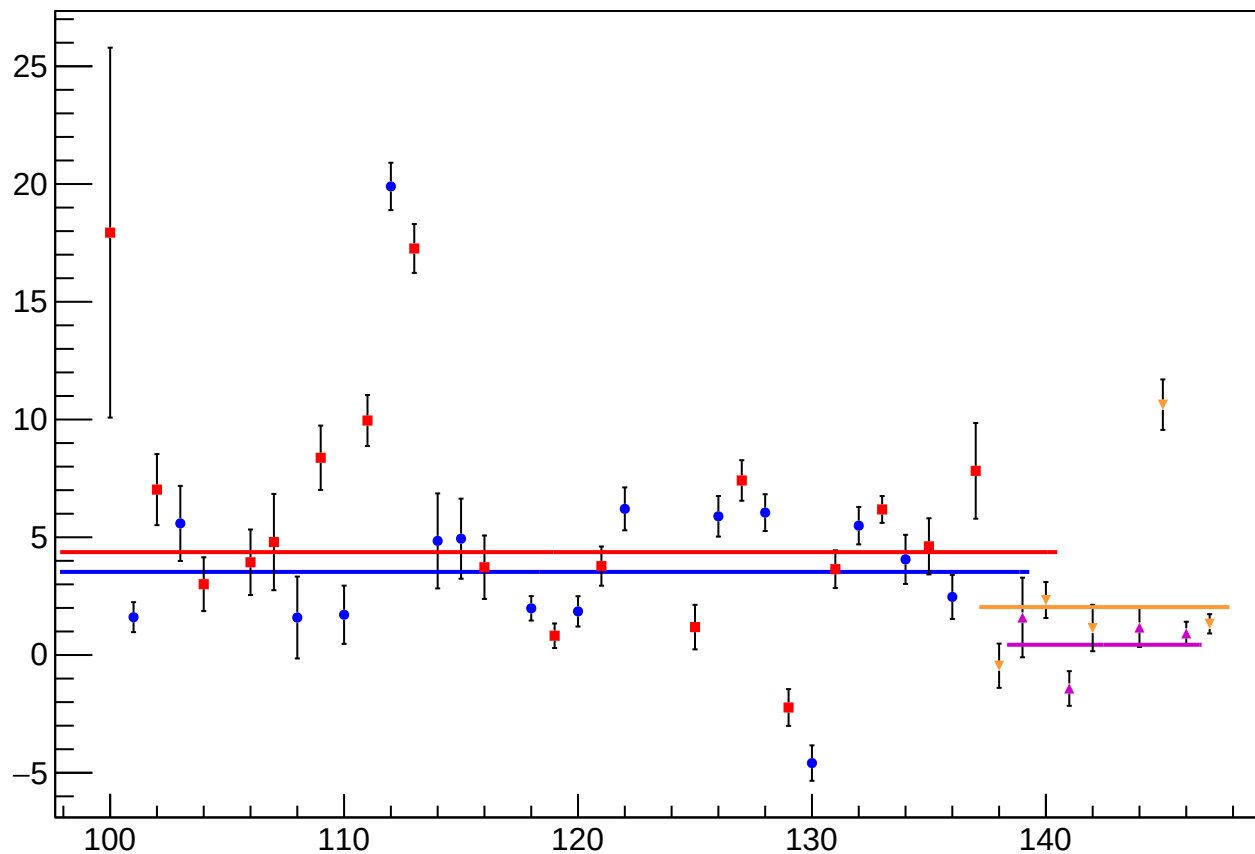
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.031+/-0.488 χ^2/NDF :203.8/3

Out: -44.830+/-0.459 χ^2/NDF :440.2/4

All: -44.456+/-0.334 χ^2/NDF : 645.5/8

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 2.036 ± 0.305 $\chi^2/\text{NDF}: 75.4/4$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

Left In: 0.436 ± 0.360 $\chi^2/\text{NDF}: 8.6/3$

Left: 1.367 ± 0.233 $\chi^2/\text{NDF}: 95.5/8$

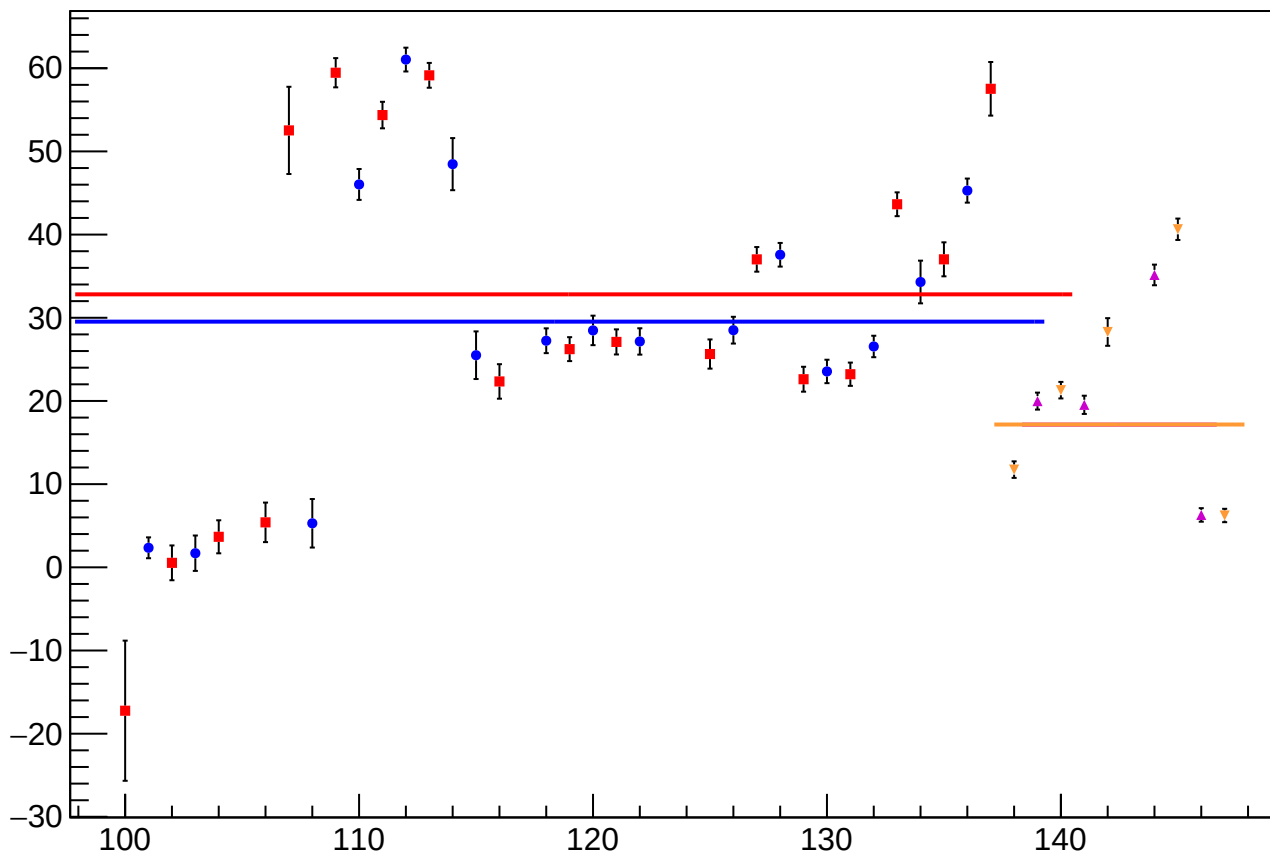
Right: 3.934 ± 0.156 $\chi^2/\text{NDF}: 807.6/33$

In: 2.703 ± 0.186 $\chi^2/\text{NDF}: 509.3/19$

Out: 3.546 ± 0.181 $\chi^2/\text{NDF}: 467.0/22$

All: 3.135 ± 0.130 $\chi^2/\text{NDF}: 986.8/42$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 17.168 $\pm$ 0.469 χ^2 /NDF:609.6/4

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

Left In: 17.154 $\pm$ 0.503 χ^2 /NDF:400.6/3

Left: 17.162 $\pm$ 0.343 χ^2 /NDF: 1010.2/8

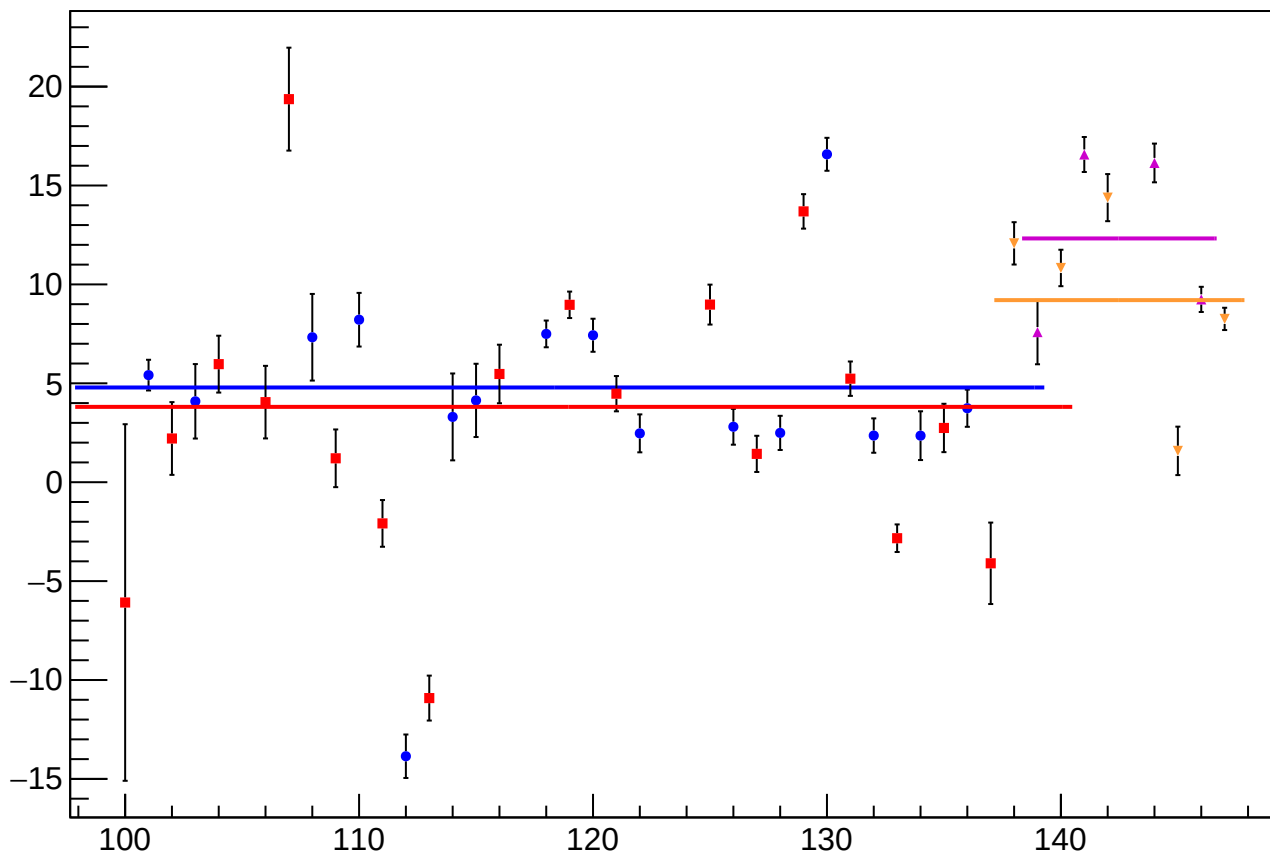
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 24.496 $\pm$ 0.321 χ^2 /NDF:2254.6/19

Out: 25.807 $\pm$ 0.314 χ^2 /NDF:2882.3/22

All: 25.166 $\pm$ 0.225 χ^2 /NDF: 5145.4/42

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.205 ± 0.390 $\chi^2/\text{NDF}: 70.8/4$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

Left In: 12.324 ± 0.440 $\chi^2/\text{NDF}: 70.1/3$

Left: 10.577 ± 0.292 $\chi^2/\text{NDF}: 169.1/8$

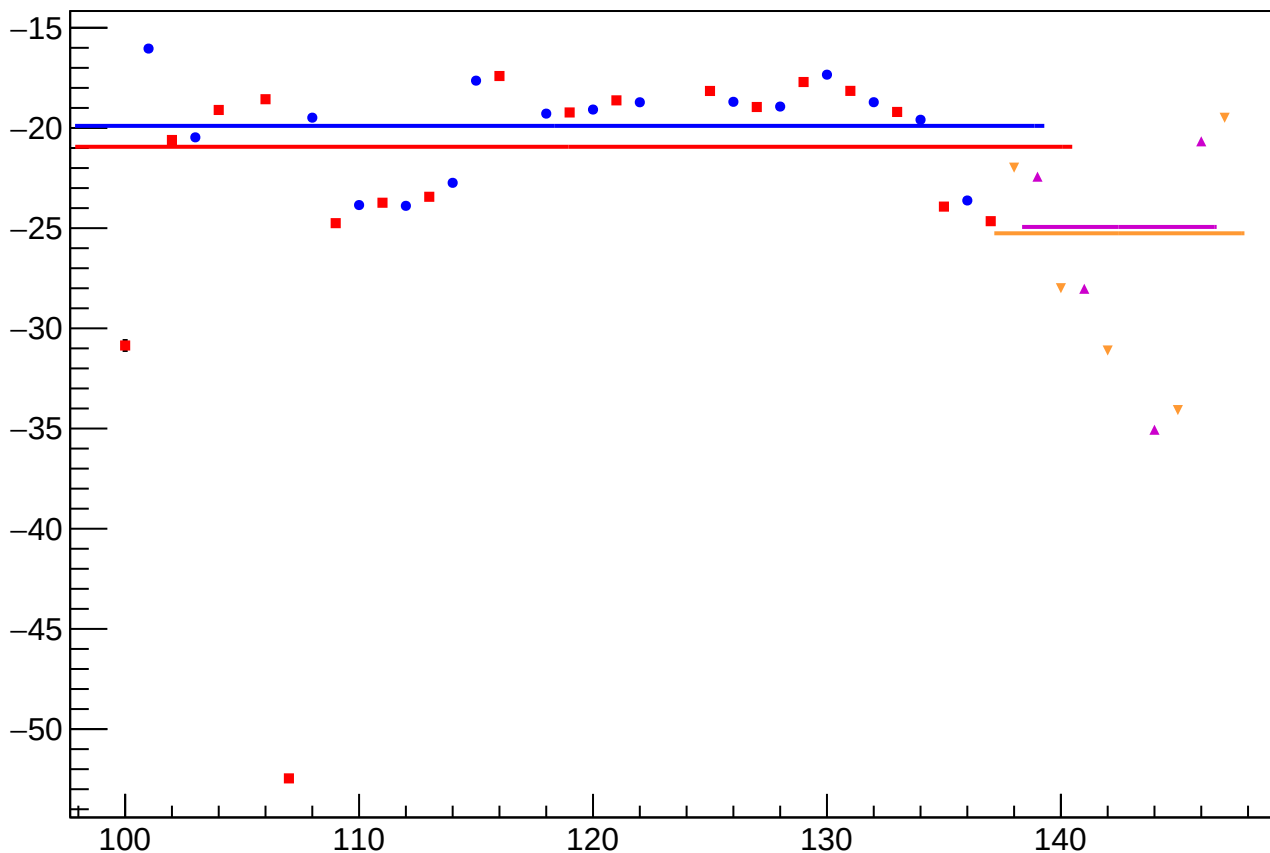
Right: 4.313 ± 0.180 $\chi^2/\text{NDF}: 1128.9/33$

In: 6.642 ± 0.218 $\chi^2/\text{NDF}: 845.4/19$

Out: 5.460 ± 0.216 $\chi^2/\text{NDF}: 771.3/22$

All: 6.044 ± 0.153 $\chi^2/\text{NDF}: 1631.6/42$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895+/-0.016 χ^2/NDF : 26073.6/15

Left Out: -25.256+/-0.020 χ^2/NDF : 71898.2/4

Right Out: -20.938+/-0.016 χ^2/NDF : 94065.2/17

Left In: -24.939+/-0.021 χ^2/NDF : 57260.4/3

Left: -25.103+/-0.014 χ^2/NDF : 129280.2/8

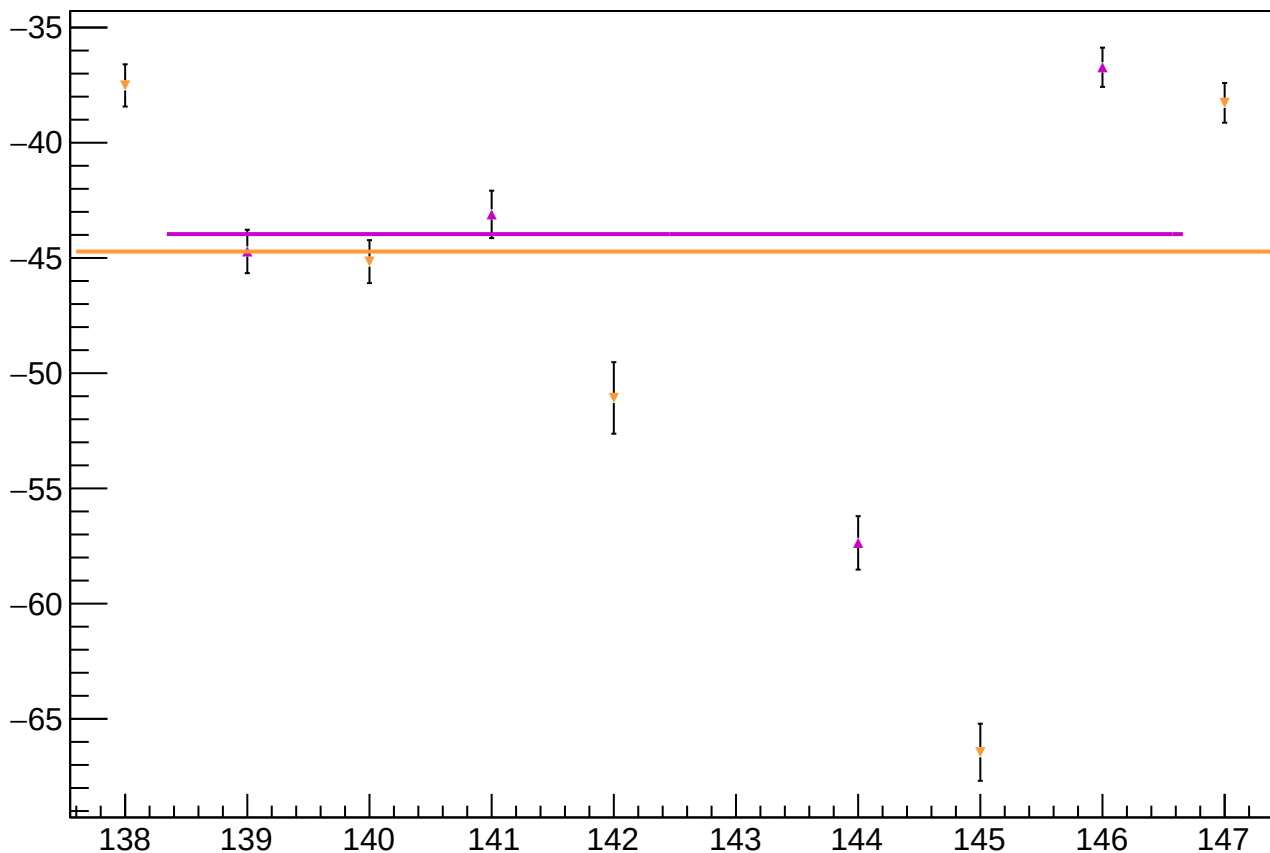
Right: -20.412+/-0.011 χ^2/NDF : 122364.1/33

In: -21.719+/-0.012 χ^2/NDF : 121280.2/19

Out: -22.583+/-0.012 χ^2/NDF : 194745.9/22

All: -22.154+/-0.009 χ^2/NDF : 318458.3/42

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -44.721+/-0.458 χ^2/NDF :442.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.965+/-0.488 χ^2/NDF :207.2/3

Left: -44.367+/-0.334 χ^2/NDF : 651.2/8

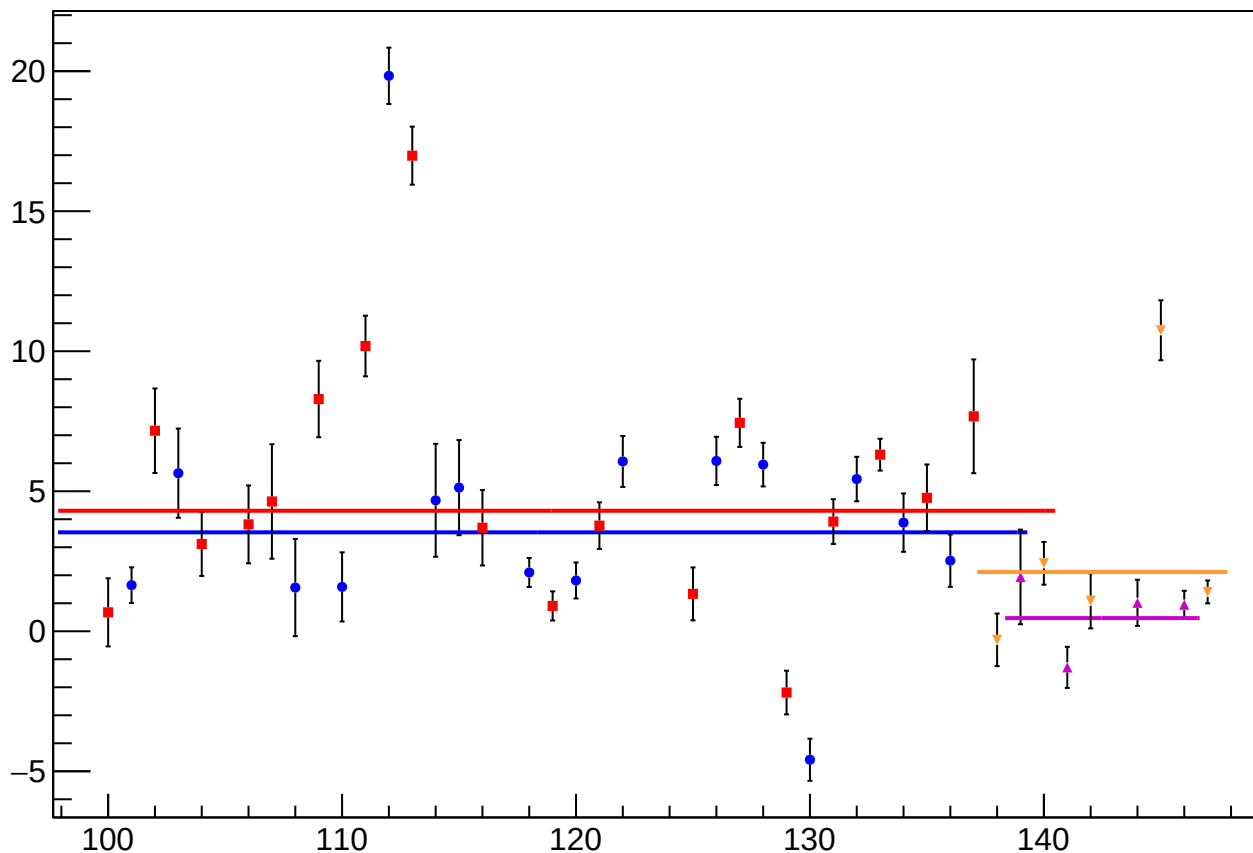
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.965+/-0.488 χ^2/NDF :207.2/3

Out: -44.721+/-0.458 χ^2/NDF :442.7/4

All: -44.367+/-0.334 χ^2/NDF : 651.2/8

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 2.114 ± 0.305 $\chi^2/\text{NDF}: 76.0/4$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 0.470 ± 0.360 $\chi^2/\text{NDF}: 7.9/3$

Left: 1.427 ± 0.233 $\chi^2/\text{NDF}: 96.0/8$

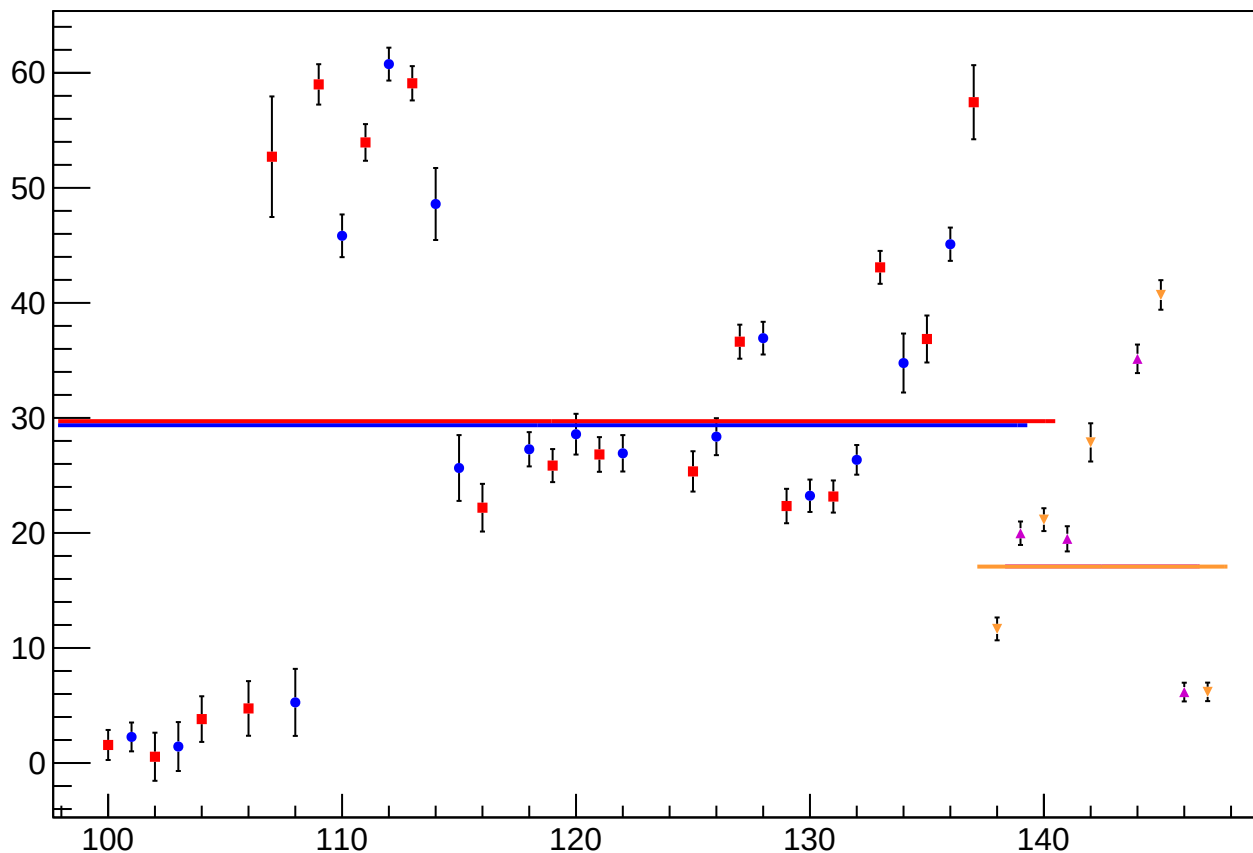
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 2.714 ± 0.186 $\chi^2/\text{NDF}: 504.2/19$

Out: 3.547 ± 0.179 $\chi^2/\text{NDF}: 462.5/22$

All: 3.146 ± 0.129 $\chi^2/\text{NDF}: 977.1/42$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 17.075 $\pm$ 0.469 χ^2 /NDF:609.9/4

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 17.092 $\pm$ 0.503 χ^2 /NDF:404.9/3

Left: 17.083 $\pm$ 0.343 χ^2 /NDF: 1014.8/8

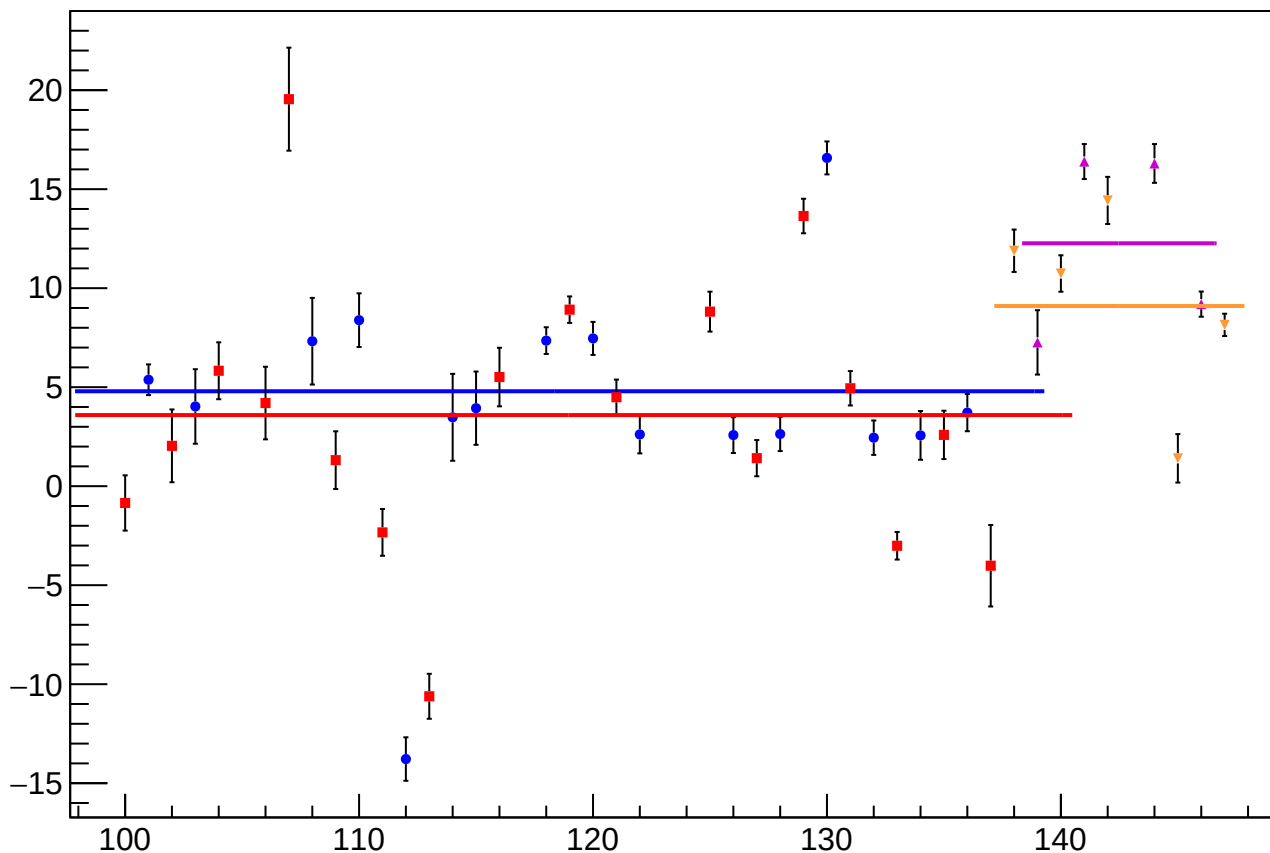
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 24.371 $\pm$ 0.321 χ^2 /NDF:2247.2/19

Out: 24.359 $\pm$ 0.305 χ^2 /NDF:3157.8/22

All: 24.365 $\pm$ 0.221 χ^2 /NDF: 5405.0/42

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 $\pm$ 0.251 χ^2 /NDF: 550.0/15

Left Out: 9.098 $\pm$ 0.390 χ^2 /NDF: 72.4/4

Right Out: 3.591 $\pm$ 0.254 χ^2 /NDF: 573.3/17

Left In: 12.267 $\pm$ 0.440 χ^2 /NDF: 71.6/3

Left: 10.493 $\pm$ 0.292 χ^2 /NDF: 173.1/8

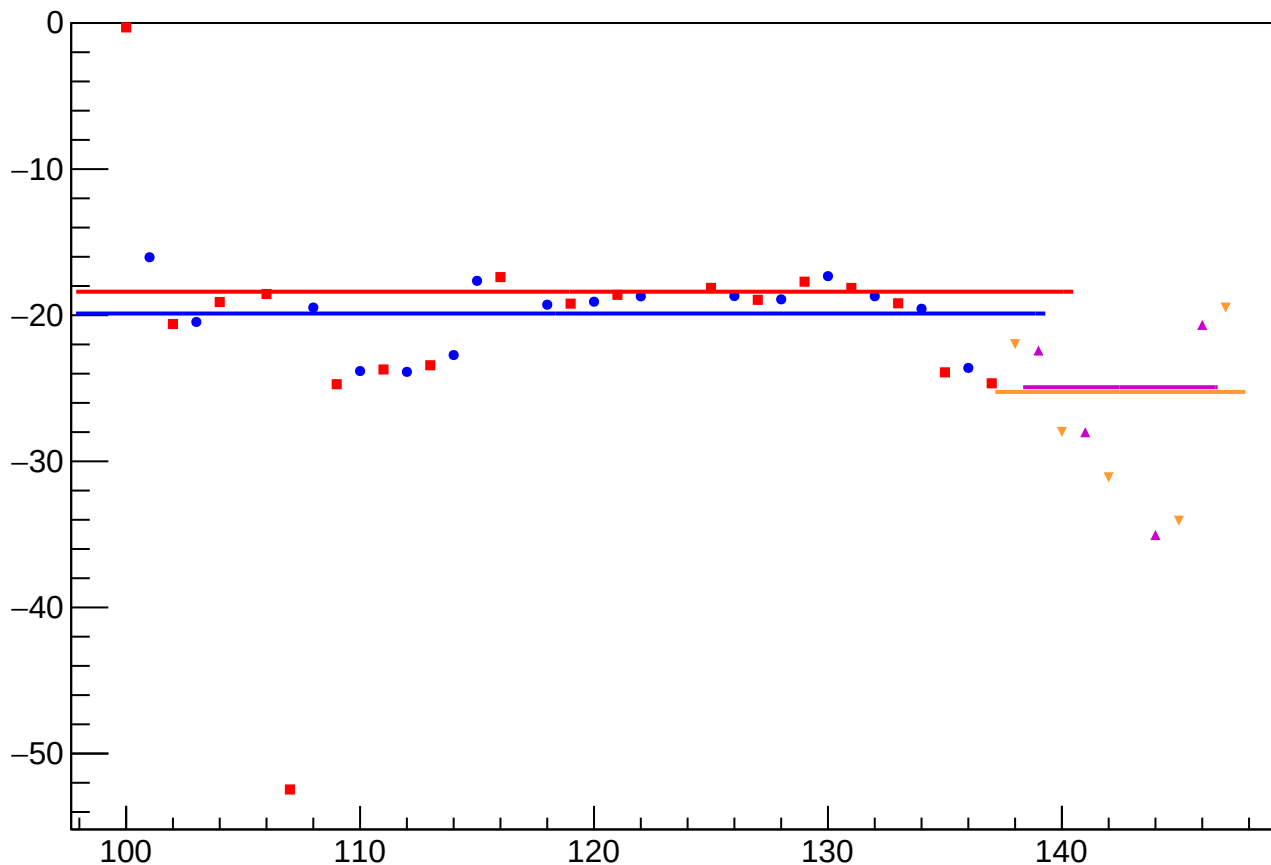
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1134.6/33

In: 6.632 $\pm$ 0.218 χ^2 /NDF: 839.5/19

Out: 5.237 $\pm$ 0.213 χ^2 /NDF: 785.8/22

All: 5.919 $\pm$ 0.152 χ^2 /NDF: 1646.2/42

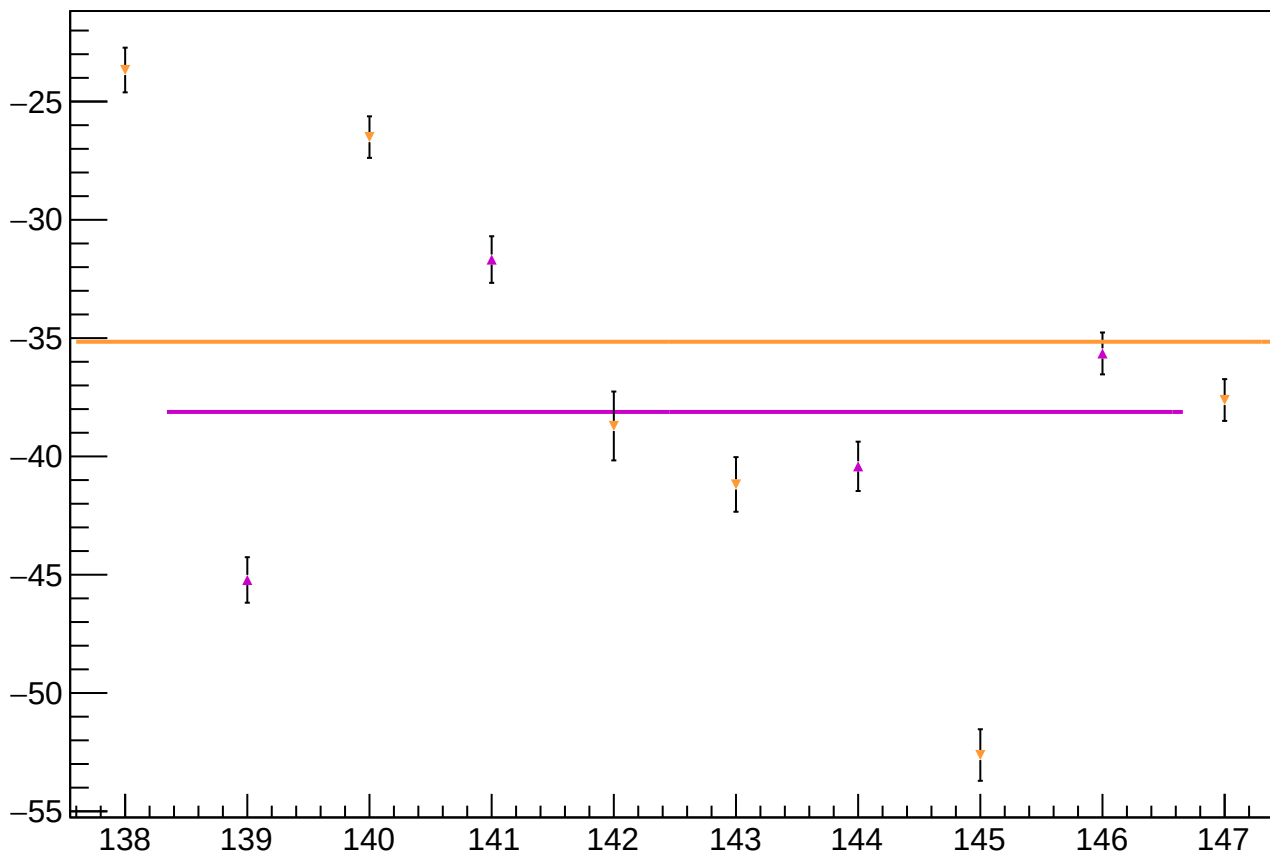
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$
 Left Out: -25.248 ± 0.020 $\chi^2/\text{NDF}: 71929.2/4$
 Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$
 Left In: -24.926 ± 0.021 $\chi^2/\text{NDF}: 57216.4/3$

Left: -25.092 ± 0.014 $\chi^2/\text{NDF}: 129271.0/8$
 Right: -19.096 ± 0.011 $\chi^2/\text{NDF}: 332167.8/33$
 In: -21.706 ± 0.012 $\chi^2/\text{NDF}: 121253.5/19$
 Out: -20.801 ± 0.012 $\chi^2/\text{NDF}: 449310.7/22$
 All: -21.233 ± 0.009 $\chi^2/\text{NDF}: 573336.5/42$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.153+/-0.416 χ^2/NDF :543.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.120+/-0.482 χ^2/NDF :109.9/3

Left: -36.422+/-0.315 χ^2/NDF : 674.8/9

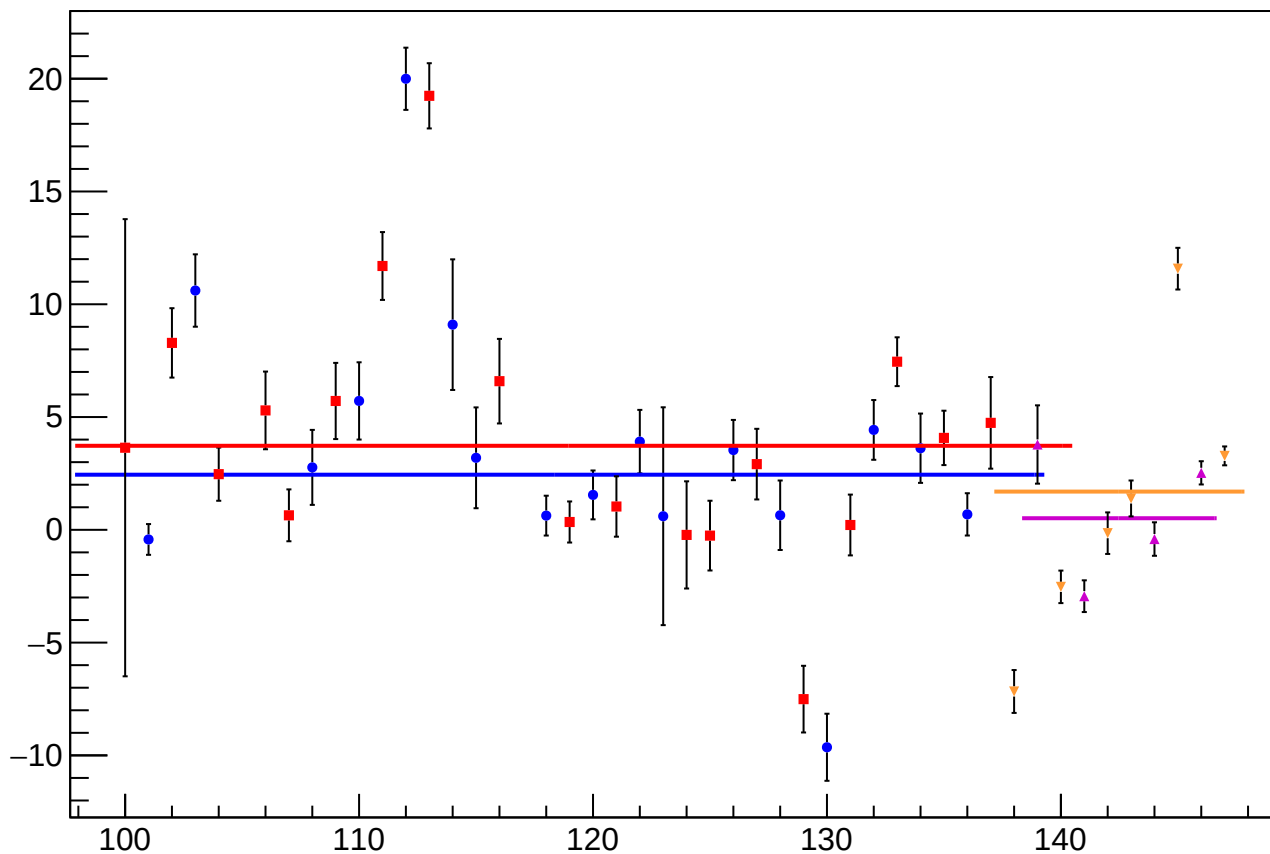
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.120+/-0.482 χ^2/NDF :109.9/3

Out: -35.153+/-0.416 χ^2/NDF :543.1/5

All: -36.422+/-0.315 χ^2/NDF : 674.8/9

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 1.695 ± 0.281 χ^2/NDF : 254.1/5

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

Left In: 0.514 ± 0.355 χ^2/NDF : 44.5/3

Left: 1.240 ± 0.220 χ^2/NDF : 305.4/9

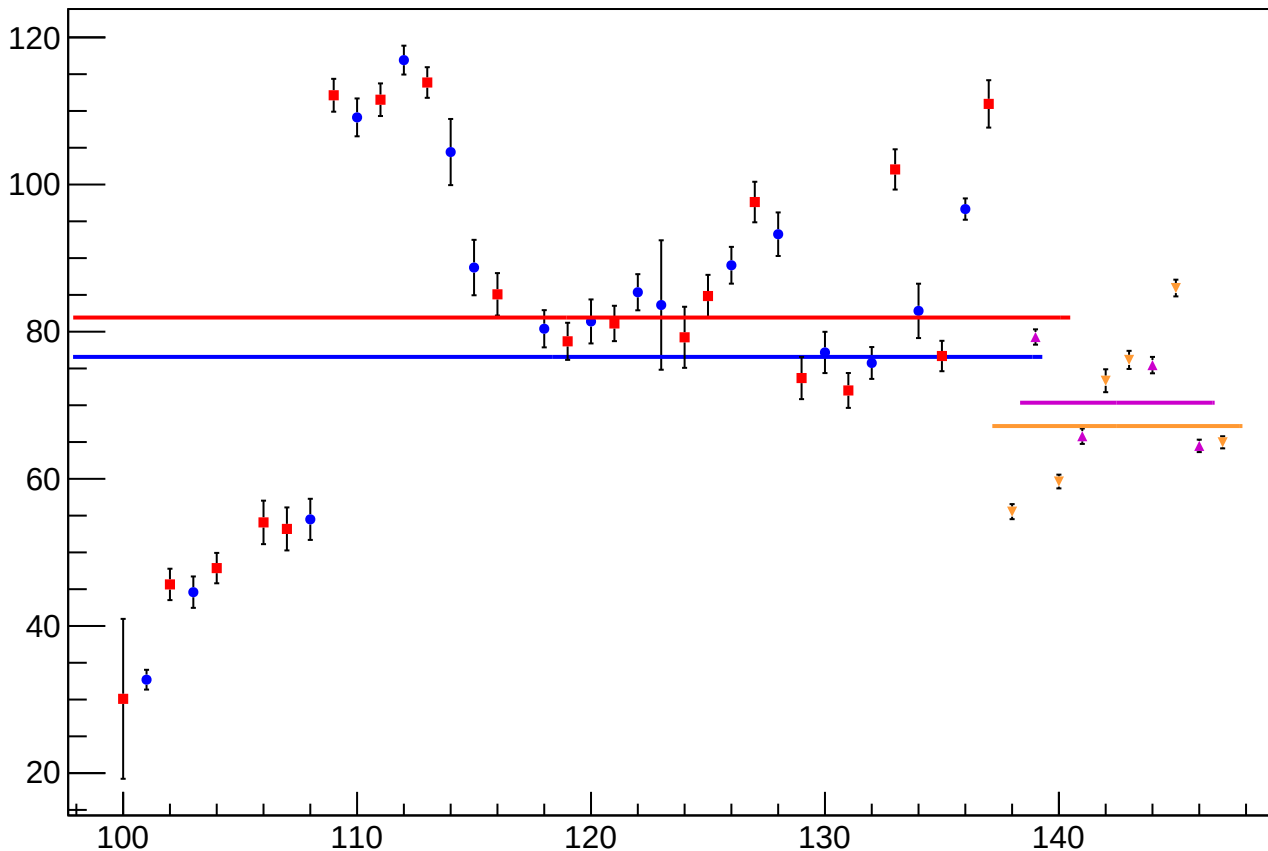
Right: 3.053 ± 0.225 χ^2/NDF : 572.5/35

In: 1.606 ± 0.234 χ^2/NDF : 356.5/20

Out: 2.558 ± 0.213 χ^2/NDF : 545.4/24

All: 2.126 ± 0.158 χ^2/NDF : 911.0/45

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 67.173 $\pm$ 0.430 χ^2 /NDF: 542.2/5

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

Left In: 70.346 $\pm$ 0.498 χ^2 /NDF: 161.6/3

Left: 68.528 $\pm$ 0.325 χ^2 /NDF: 727.1/9

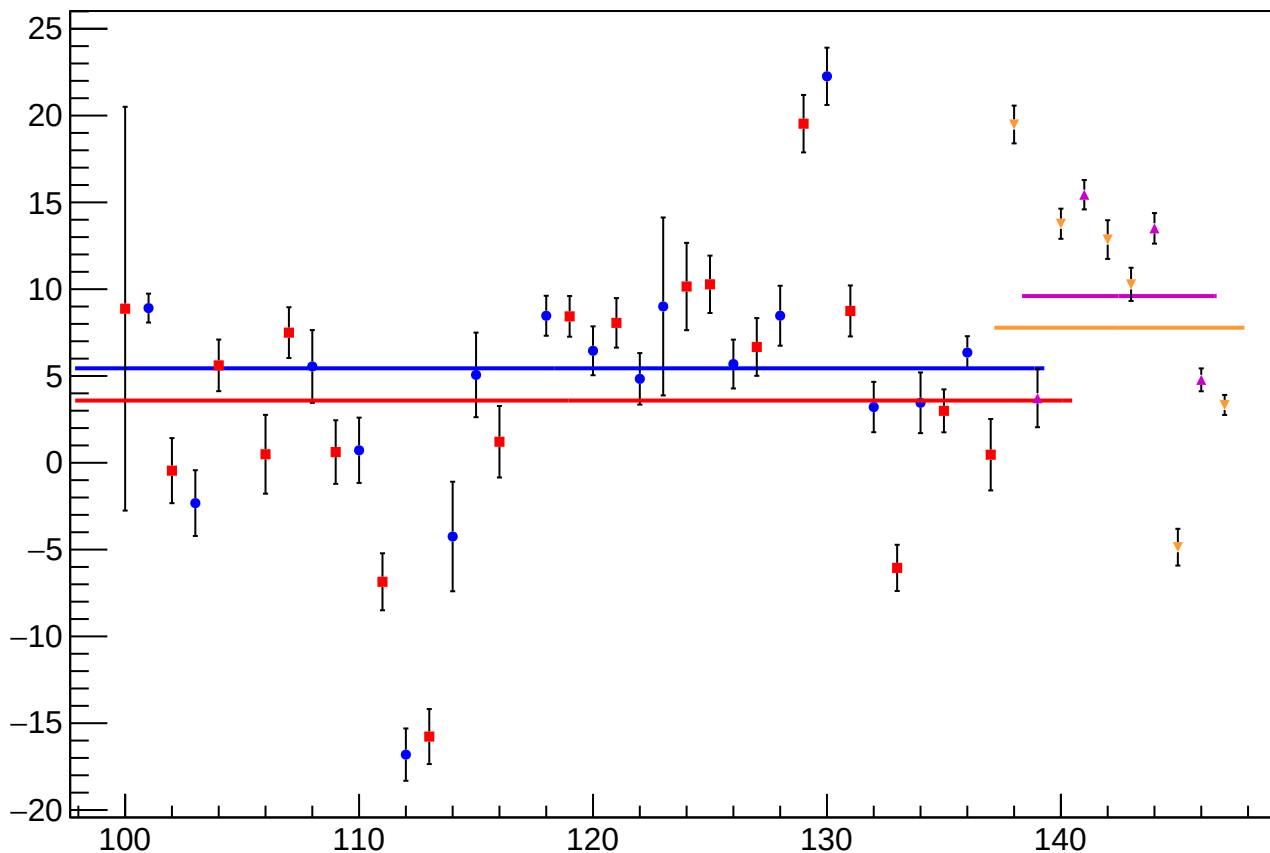
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 73.022 $\pm$ 0.376 χ^2 /NDF: 2482.4/20

Out: 72.265 $\pm$ 0.348 χ^2 /NDF: 2519.4/24

All: 72.614 $\pm$ 0.255 χ^2 /NDF: 5004.0/45

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 $\pm$ 0.357 χ^2 /NDF: 387.5/16

Left Out: 7.781 $\pm$ 0.354 χ^2 /NDF:392.9/5

Right Out: 3.585 $\pm$ 0.375 χ^2 /NDF: 423.2/18

Left In: 9.603 $\pm$ 0.433 χ^2 /NDF:133.2/3

Left: 8.513 $\pm$ 0.274 χ^2 /NDF: 536.7/9

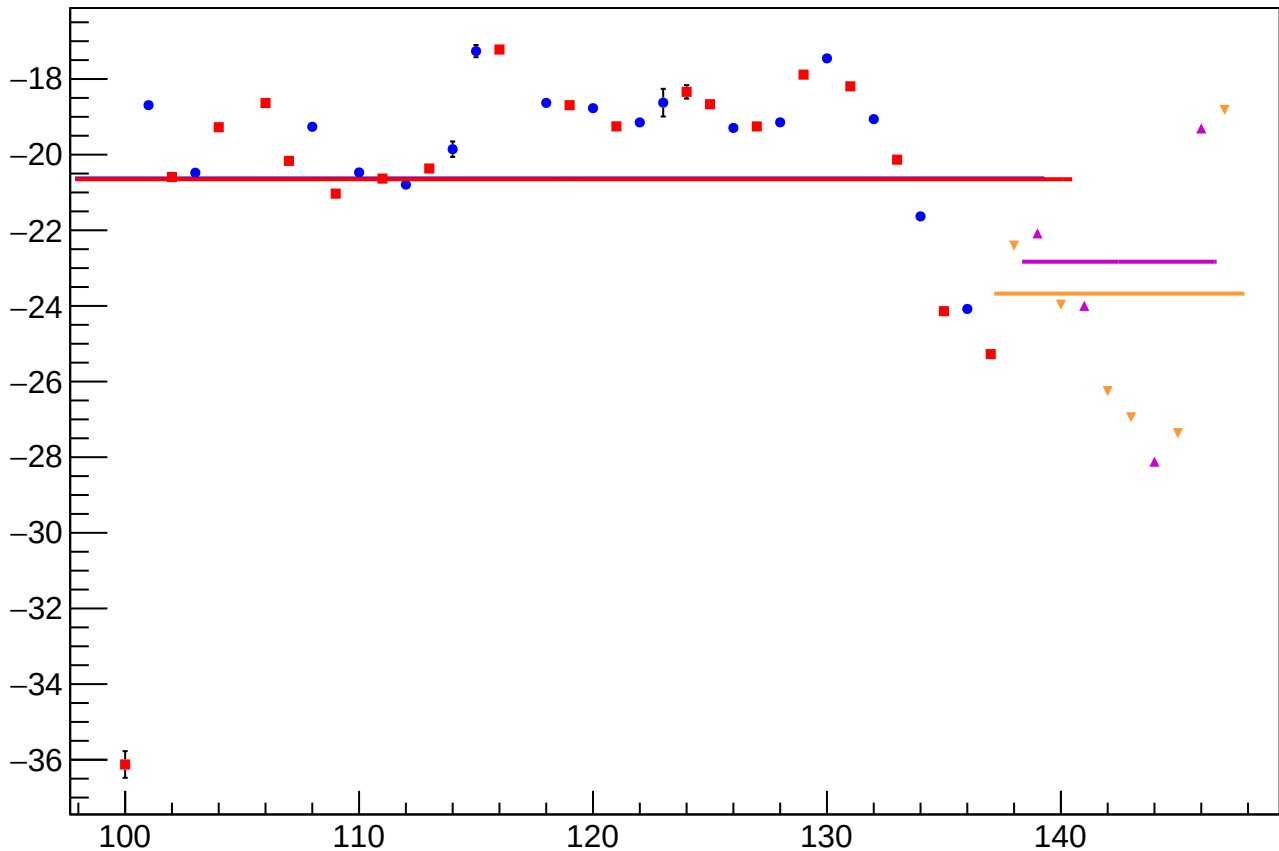
Right: 4.559 $\pm$ 0.259 χ^2 /NDF: 823.5/35

In: 7.129 $\pm$ 0.275 χ^2 /NDF:575.6/20

Out: 5.804 $\pm$ 0.258 χ^2 /NDF:882.2/24

All: 6.422 $\pm$ 0.188 χ^2 /NDF: 1470.2/45

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF : 12490.5/16

Left Out: -23.675+/-0.018 χ^2/NDF : 29506.7/5

Right Out: -20.650+/-0.019 χ^2/NDF : 13885.7/18

Left In: -22.831+/-0.021 χ^2/NDF : 21092.6/3

Left: -23.304+/-0.014 χ^2/NDF : 51548.5/9

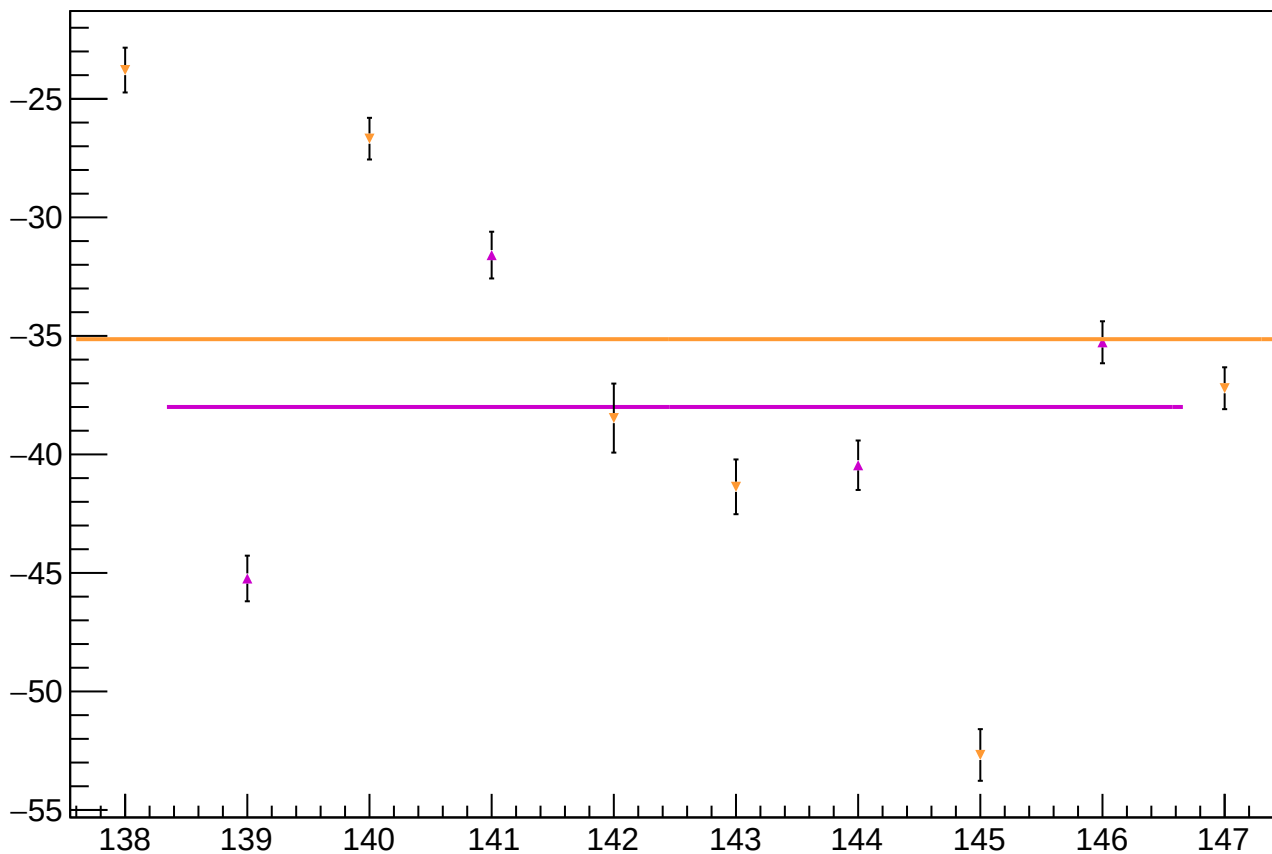
Right: -20.640+/-0.014 χ^2/NDF : 26376.6/35

In: -21.662+/-0.014 χ^2/NDF : 39692.0/20

Out: -22.265+/-0.013 χ^2/NDF : 56334.0/24

All: -21.981+/-0.010 χ^2/NDF : 96998.0/45

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -35.138+/-0.417 χ^2 /NDF:535.9/5

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -37.998+/-0.482 χ^2 /NDF:113.8/3

Left: -36.361+/-0.315 χ^2 /NDF: 669.8/9

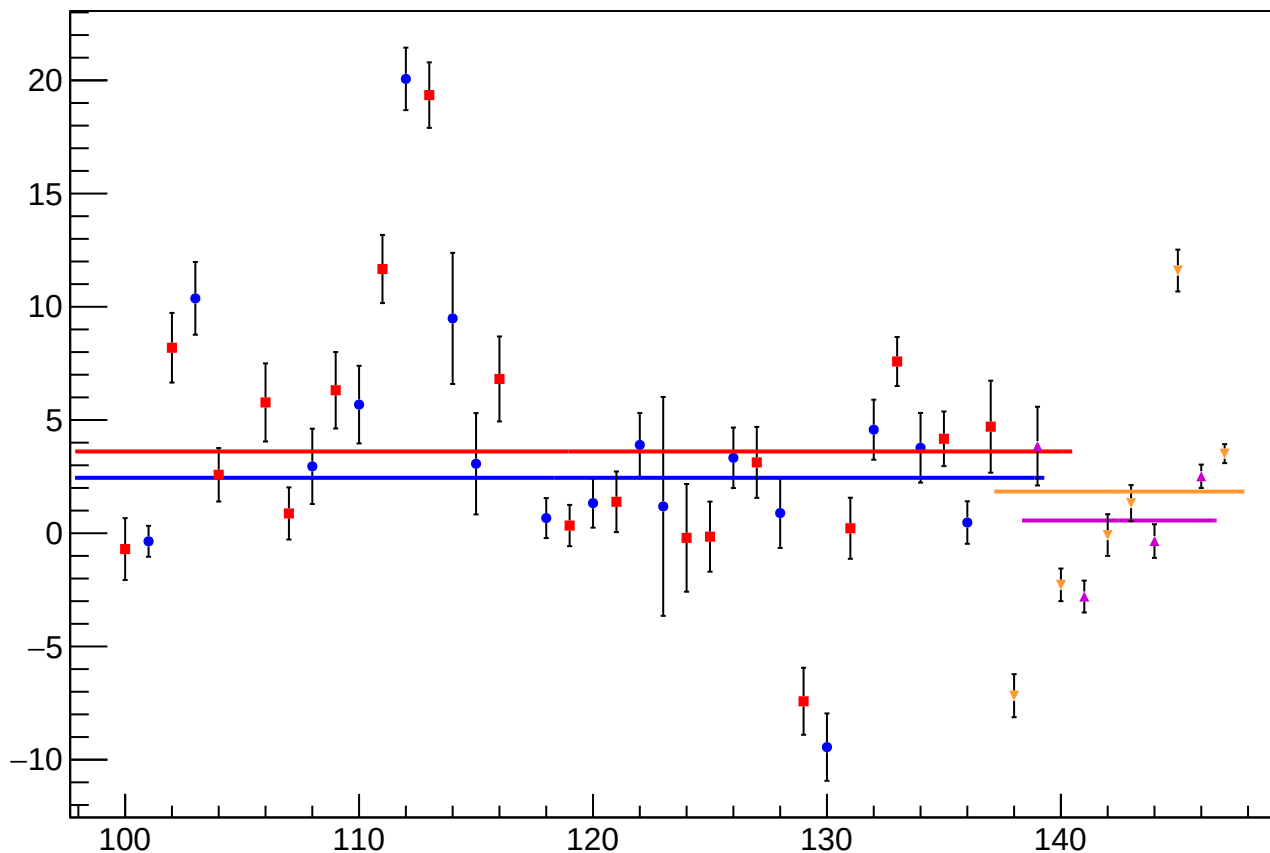
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -37.998+/-0.482 χ^2 /NDF:113.8/3

Out: -35.138+/-0.417 χ^2 /NDF:535.9/5

All: -36.361+/-0.315 χ^2 /NDF: 669.8/9

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 1.841 ± 0.281 χ^2/NDF : 254.6/5

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

Left In: 0.563 ± 0.355 χ^2/NDF : 42.2/3

Left: 1.349 ± 0.220 χ^2/NDF : 304.8/9

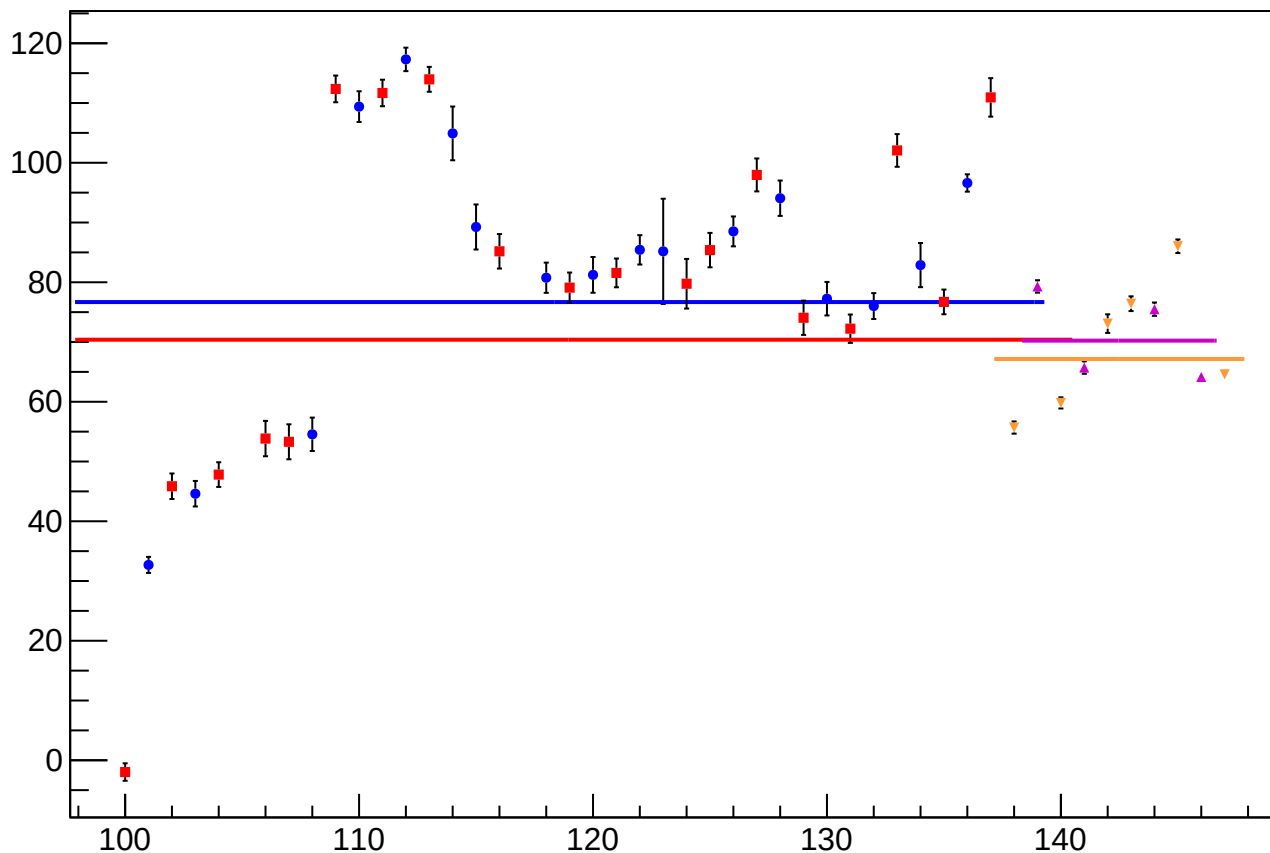
Right: 3.017 ± 0.223 χ^2/NDF : 579.6/35

In: 1.629 ± 0.234 χ^2/NDF : 351.5/20

Out: 2.617 ± 0.211 χ^2/NDF : 551.4/24

All: 2.175 ± 0.157 χ^2/NDF : 912.7/45

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 67.161 $\pm$ 0.430 χ^2 /NDF: 542.4/5

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 70.231 $\pm$ 0.498 χ^2 /NDF: 168.1/3

Left: 68.472 $\pm$ 0.326 χ^2 /NDF: 732.3/9

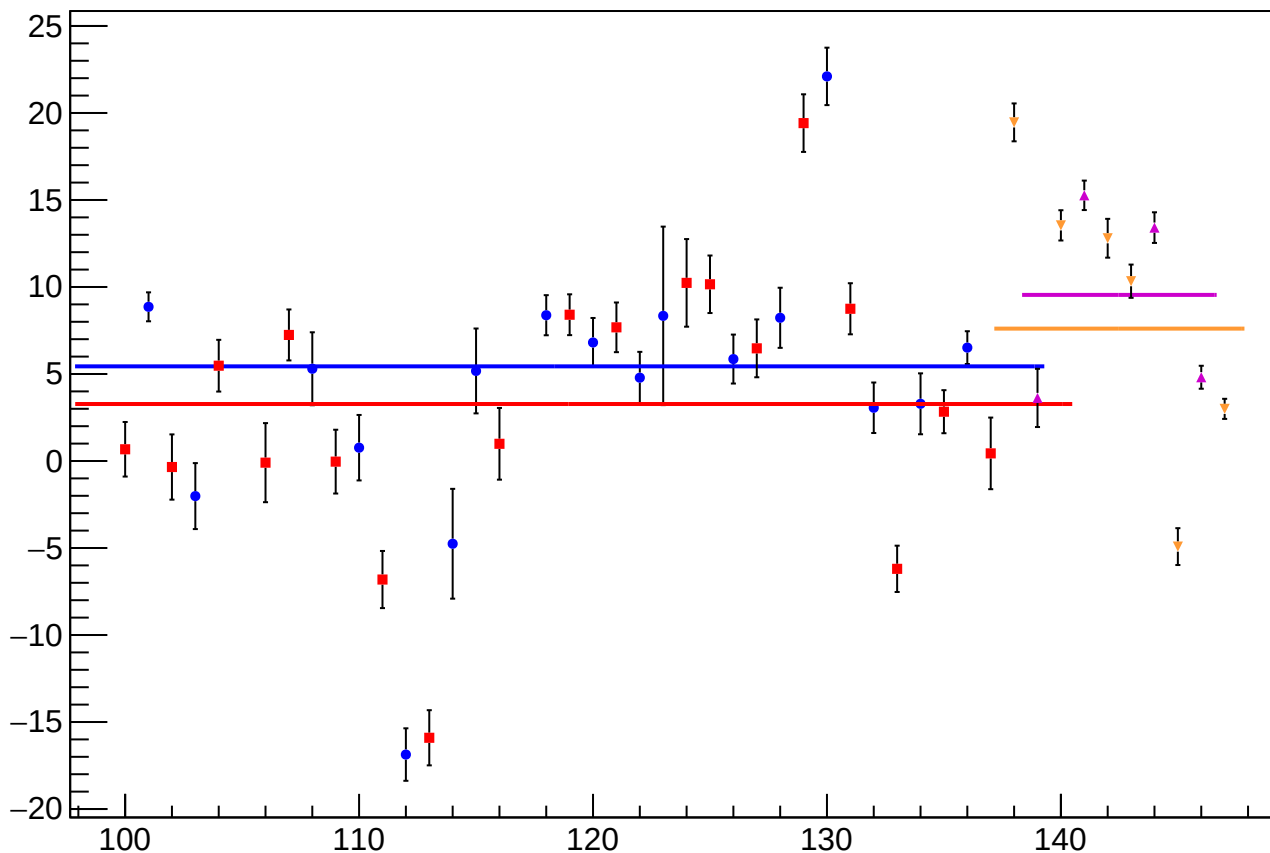
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 73.006 $\pm$ 0.376 χ^2 /NDF: 2505.4/20

Out: 68.385 $\pm$ 0.339 χ^2 /NDF: 4954.9/24

All: 70.455 $\pm$ 0.252 χ^2 /NDF: 7543.7/45

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.357 χ^2/NDF : 385.9/16

Left Out: 7.608 $\pm$ 0.354 χ^2/NDF :398.6/5

Right Out: 3.275 $\pm$ 0.365 χ^2/NDF : 425.8/18

Left In: 9.545 $\pm$ 0.433 χ^2/NDF :128.9/3

Left: 8.385 $\pm$ 0.274 χ^2/NDF : 539.5/9

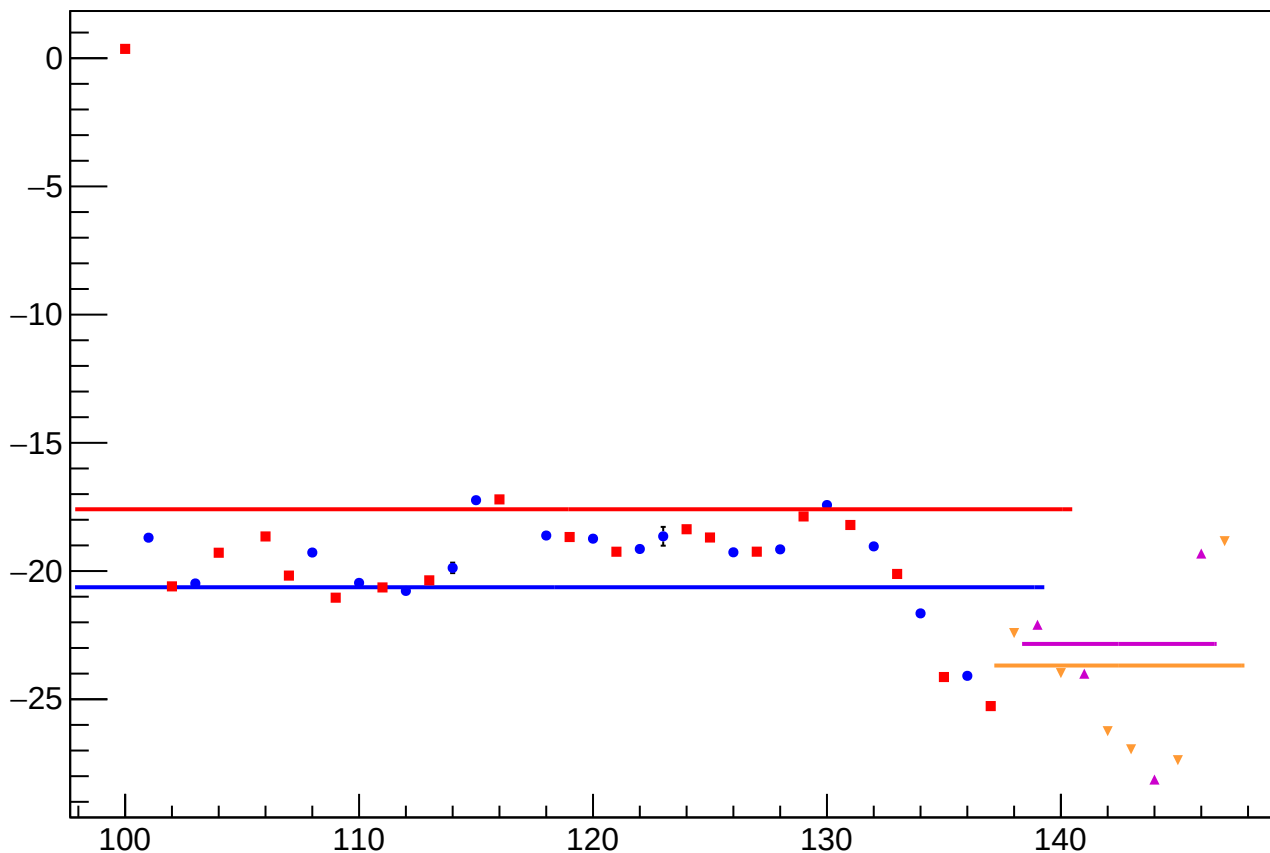
Right: 4.381 $\pm$ 0.256 χ^2/NDF : 829.6/35

In: 7.104 $\pm$ 0.276 χ^2/NDF :568.3/20

Out: 5.507 $\pm$ 0.254 χ^2/NDF :896.8/24

All: 6.242 $\pm$ 0.187 χ^2/NDF : 1483.3/45

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2/NDF : 12530.8/16

Left Out: -23.684 $\pm$ 0.018 χ^2/NDF : 29412.2/5

Right Out: -17.591 $\pm$ 0.018 χ^2/NDF : 178680.7/18

Left In: -22.842 $\pm$ 0.021 χ^2/NDF : 21060.3/3

Left: -23.314 $\pm$ 0.014 χ^2/NDF : 51417.3/9

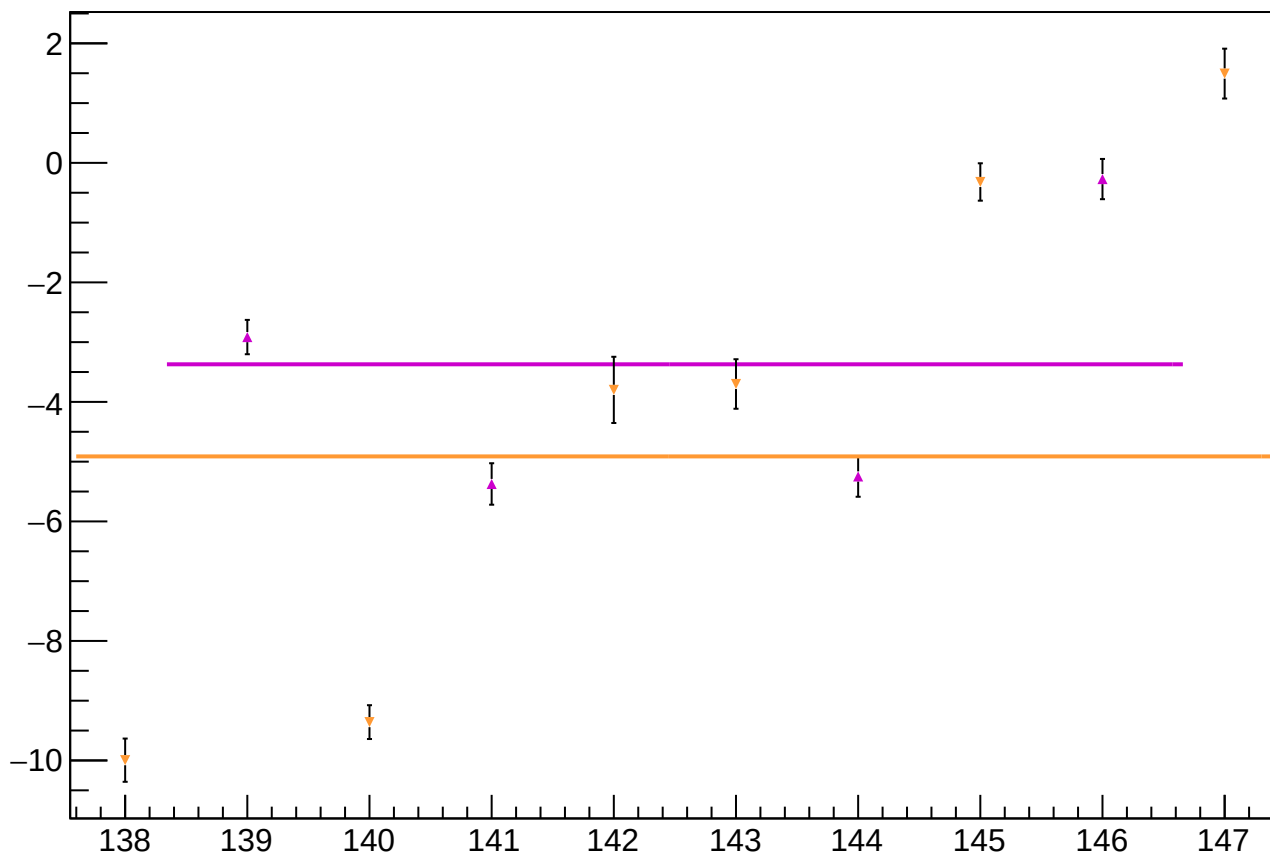
Right: -19.007 $\pm$ 0.013 χ^2/NDF : 204486.4/35

In: -21.668 $\pm$ 0.014 χ^2/NDF : 39747.9/20

Out: -20.612 $\pm$ 0.013 χ^2/NDF : 264829.6/24

All: -21.090 $\pm$ 0.009 χ^2/NDF : 307662.6/45

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.912+/-0.149 χ^2/NDF : 908.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.371+/-0.162 χ^2/NDF : 151.0/3

Left: -4.209+/-0.110 χ^2/NDF : 1108.0/9

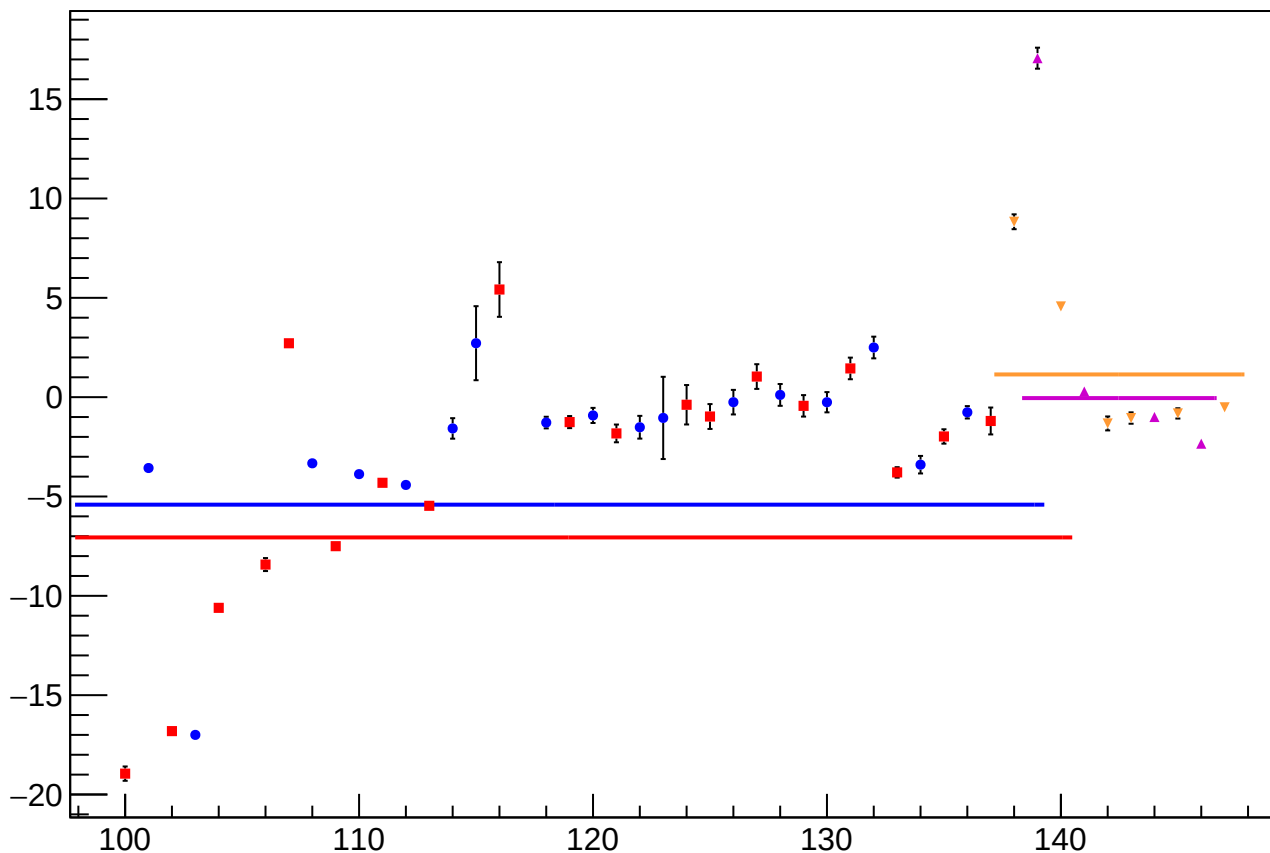
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.371+/-0.162 χ^2/NDF : 151.0/3

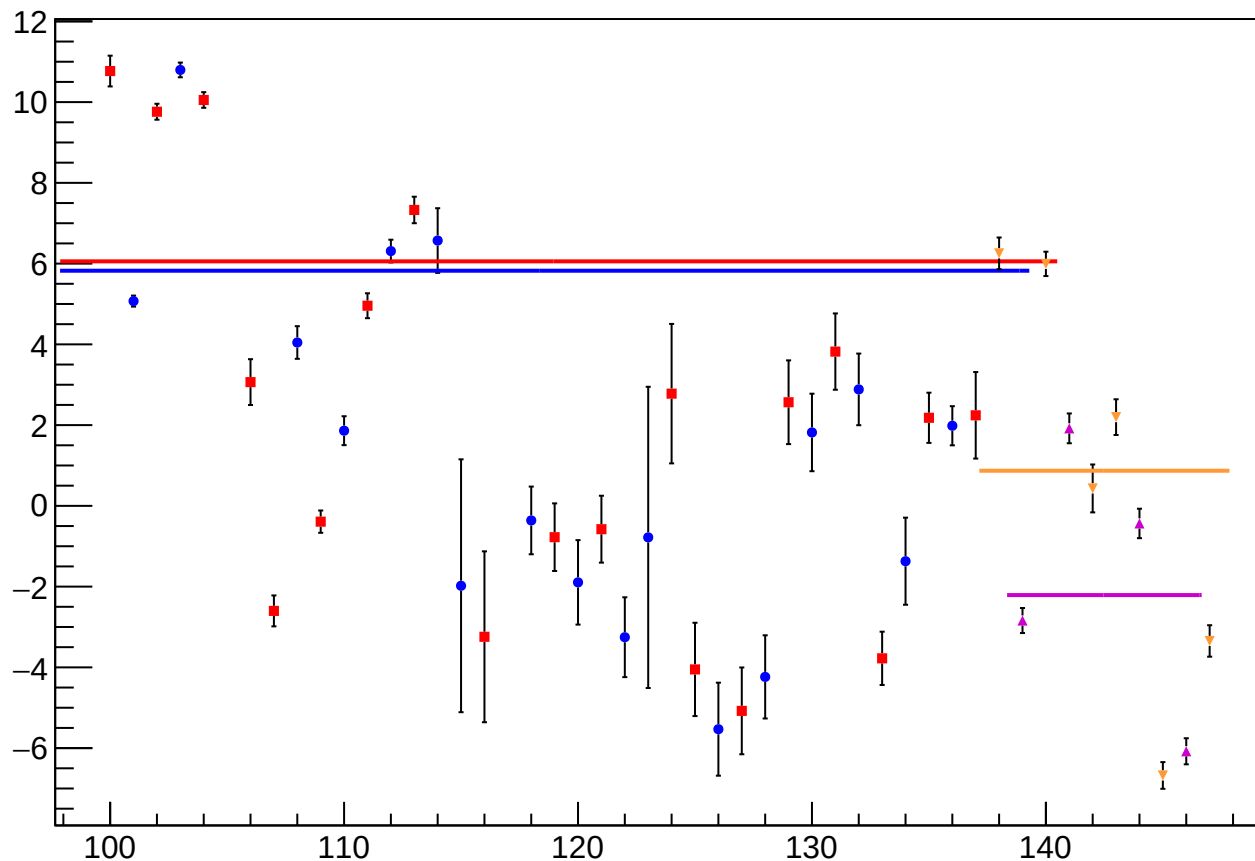
Out: -4.912+/-0.149 χ^2/NDF : 908.1/5

All: -4.209+/-0.110 χ^2/NDF : 1108.0/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.870 ± 0.156 $\chi^2/\text{NDF}: 1125.0/5$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -2.210 ± 0.169 $\chi^2/\text{NDF}: 296.6/3$

Left: -0.542 ± 0.115 $\chi^2/\text{NDF}: 1600.8/9$

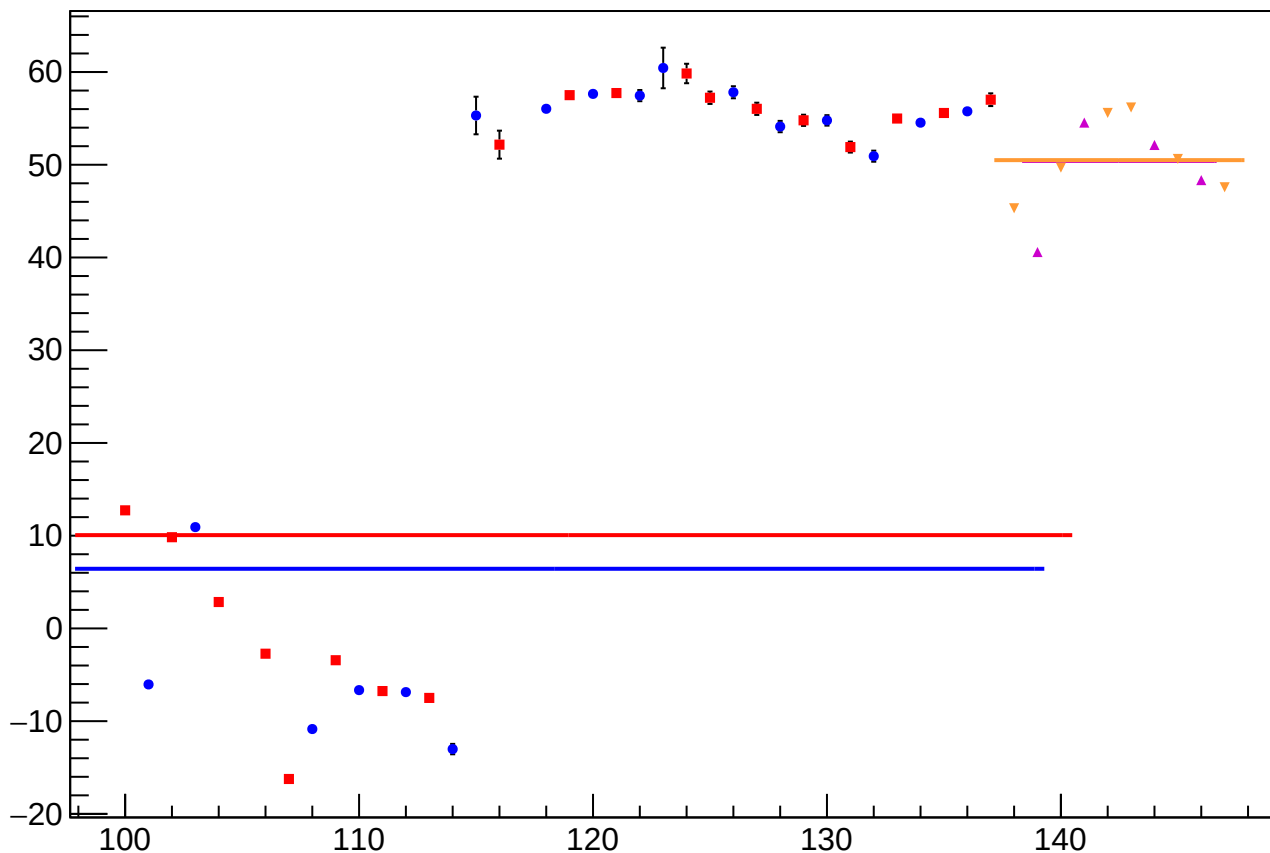
Right: 5.935 ± 0.065 $\chi^2/\text{NDF}: 4124.7/35$

In: 4.067 ± 0.079 $\chi^2/\text{NDF}: 3507.6/20$

Out: 4.687 ± 0.080 $\chi^2/\text{NDF}: 4609.1/24$

All: 4.374 ± 0.056 $\chi^2/\text{NDF}: 8147.0/45$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 $\pm$ 0.065 χ^2 /NDF: 123486.3/16

Left Out: 50.497 $\pm$ 0.133 χ^2 /NDF:687.9/5

Right Out: 10.060 $\pm$ 0.070 χ^2 /NDF: 121816.0/18

Left In: 50.408 $\pm$ 0.155 χ^2 /NDF:659.3/3

Left: 50.459 $\pm$ 0.101 χ^2 /NDF: 1347.3/9

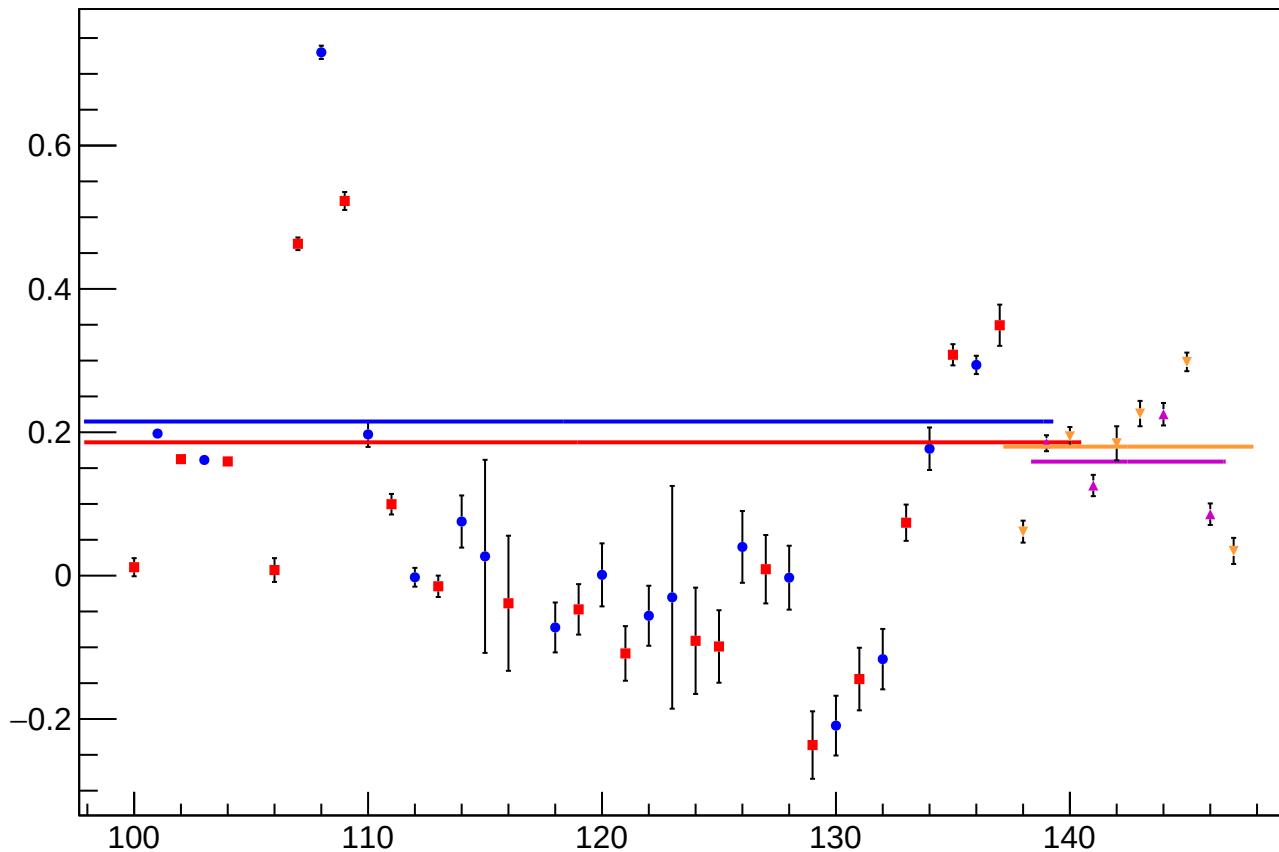
Right: 8.110 $\pm$ 0.047 χ^2 /NDF: 246756.9/35

In: 12.924 $\pm$ 0.060 χ^2 /NDF:192342.2/20

Out: 18.790 $\pm$ 0.062 χ^2 /NDF:195079.9/24

All: 15.759 $\pm$ 0.043 χ^2 /NDF: 392083.9/45

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.180 ± 0.006 χ^2/NDF : 215.0/5

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

Left In: 0.159 ± 0.007 χ^2/NDF : 51.9/3

Left: 0.170 ± 0.005 χ^2/NDF : 271.7/9

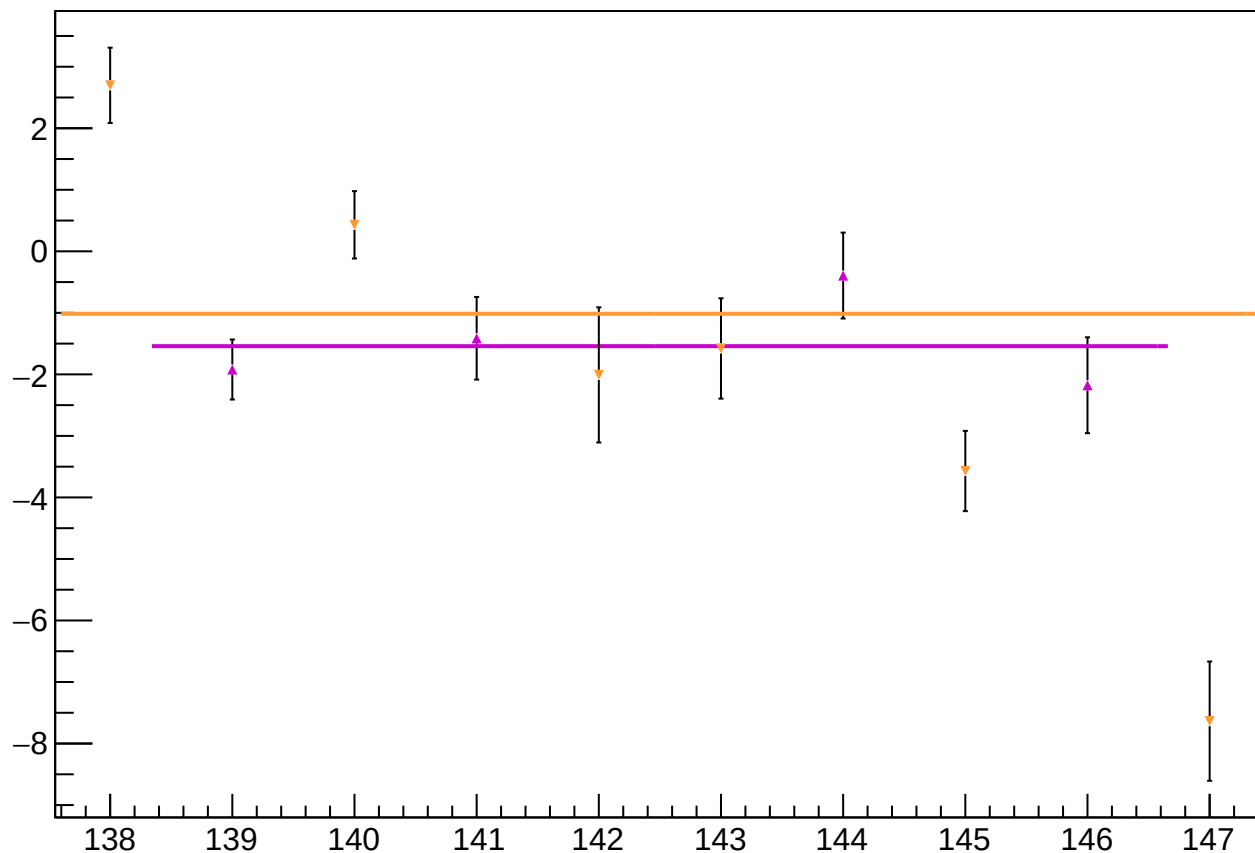
Right: 0.200 ± 0.002 χ^2/NDF : 6707.1/35

In: 0.207 ± 0.003 χ^2/NDF : 4038.7/20

Out: 0.185 ± 0.002 χ^2/NDF : 2936.0/24

All: 0.196 ± 0.002 χ^2/NDF : 7013.2/45

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.015+/-0.292 χ^2/NDF : 107.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.542+/-0.314 χ^2/NDF : 4.0/3

Left: -1.259+/-0.214 χ^2/NDF : 112.6/9

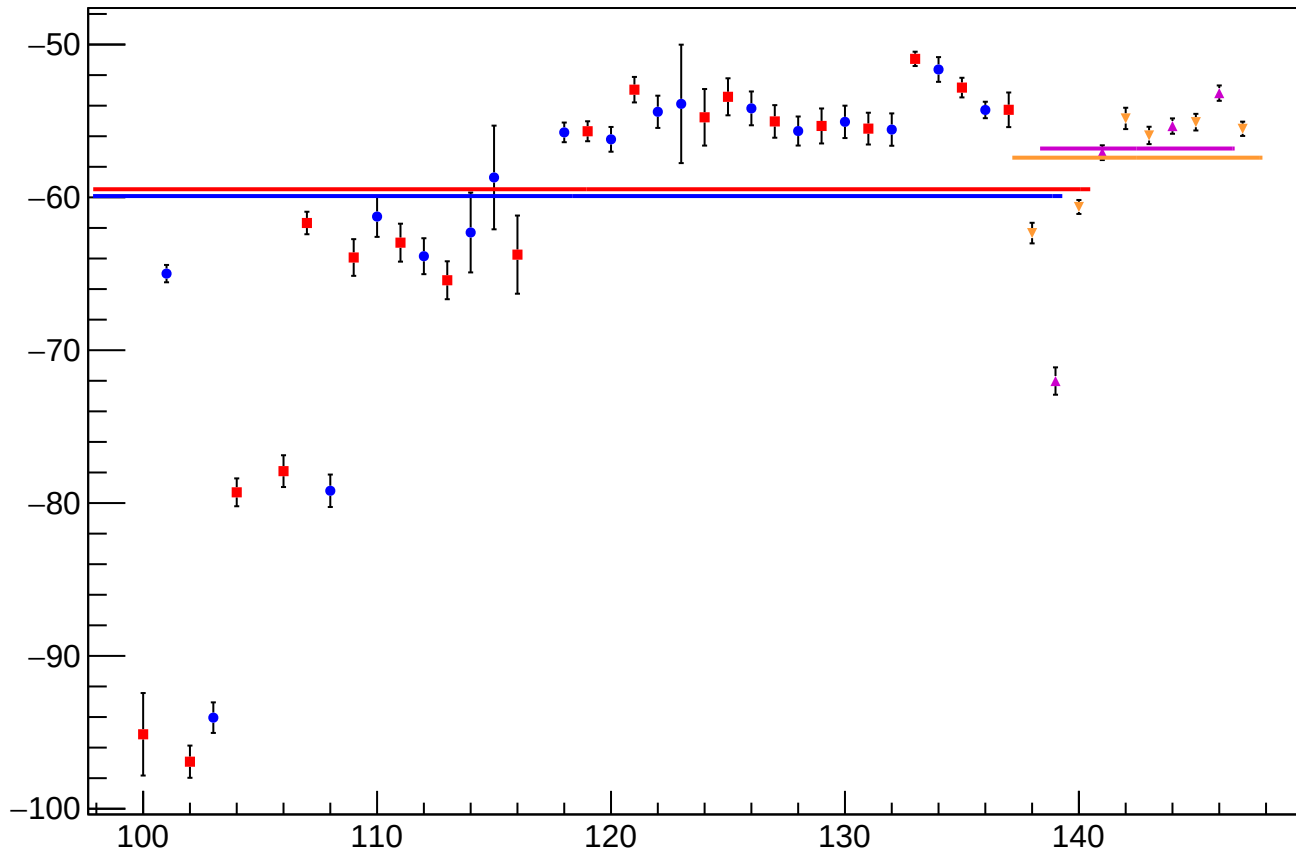
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.542+/-0.314 χ^2/NDF : 4.0/3

Out: -1.015+/-0.292 χ^2/NDF : 107.1/5

All: -1.259+/-0.214 χ^2/NDF : 112.6/9

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -57.403 ± 0.223 χ^2/NDF : 158.1/5

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -56.804 ± 0.273 χ^2/NDF : 349.7/3

Left: -57.163 ± 0.173 χ^2/NDF : 510.7/9

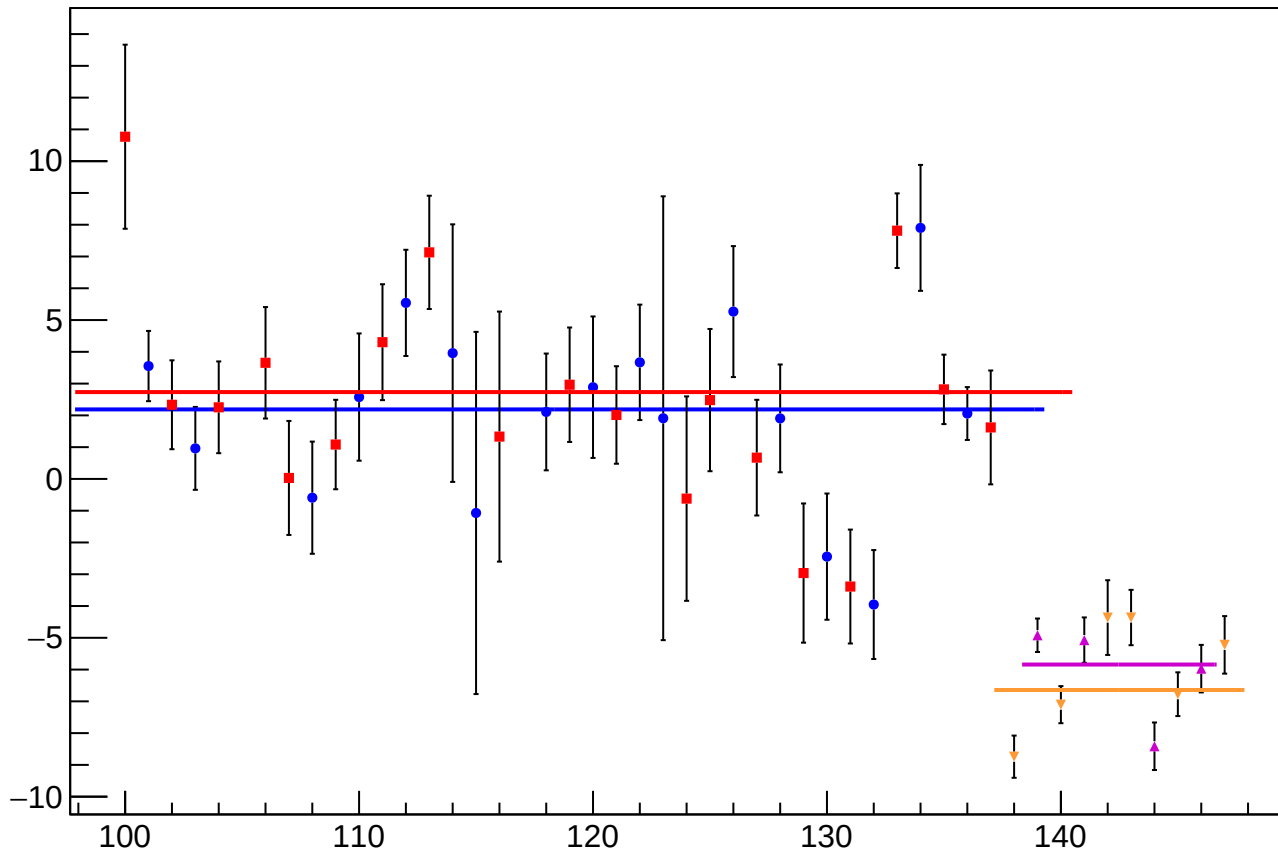
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -58.668 ± 0.173 χ^2/NDF : 2407.1/20

Out: -58.487 ± 0.154 χ^2/NDF : 3115.9/24

All: -58.567 ± 0.115 χ^2/NDF : 5523.6/45

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.643 ± 0.307 $\chi^2/\text{NDF}: 23.7/5$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

Left In: -5.842 ± 0.331 $\chi^2/\text{NDF}: 16.1/3$

Left: -6.271 ± 0.225 $\chi^2/\text{NDF}: 43.0/9$

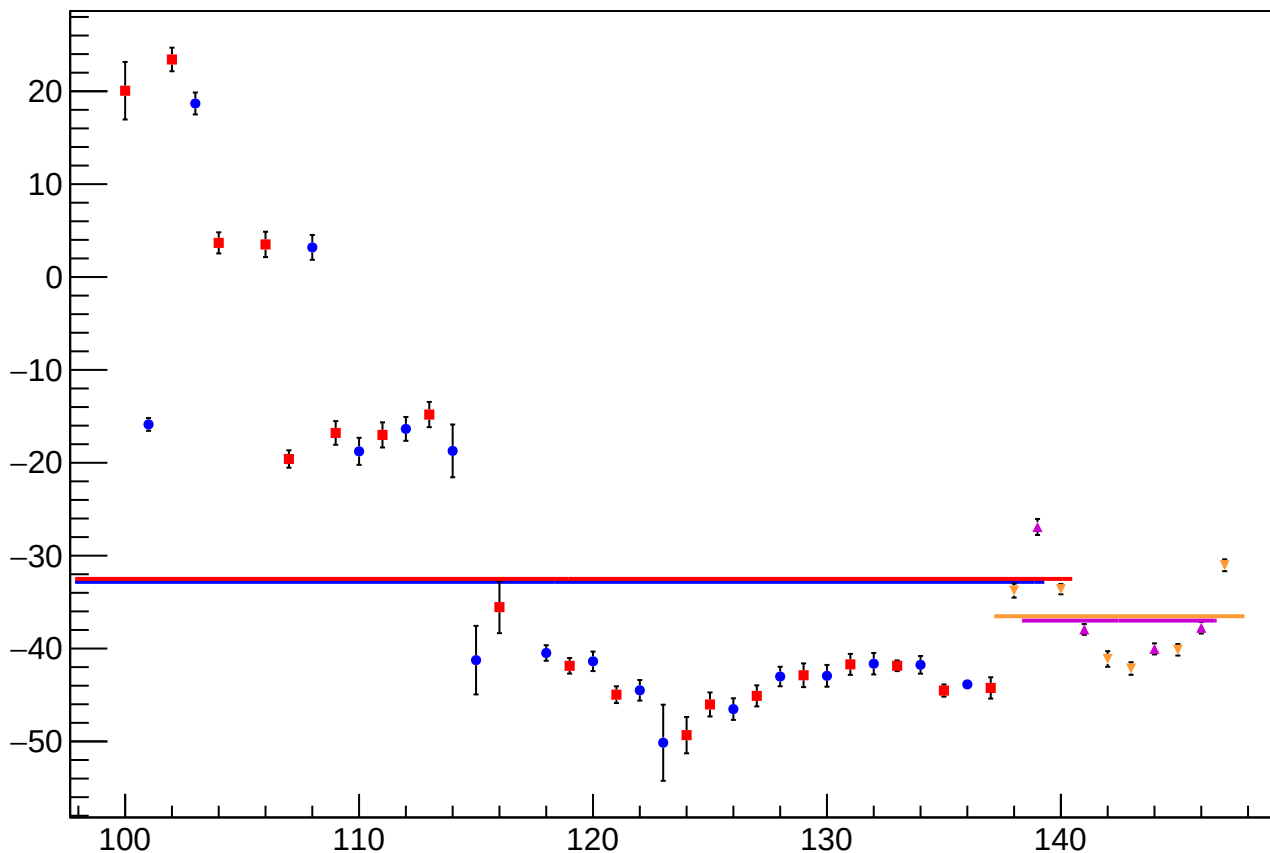
Right: 2.472 ± 0.280 $\chi^2/\text{NDF}: 98.9/35$

In: -2.621 ± 0.256 $\chi^2/\text{NDF}: 291.6/20$

Out: -3.022 ± 0.241 $\chi^2/\text{NDF}: 441.7/24$

All: -2.833 ± 0.175 $\chi^2/\text{NDF}: 734.7/45$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 $\pm$ 0.254 χ^2 /NDF: 4666.6/16

Left Out: -36.523 $\pm$ 0.270 χ^2 /NDF:248.1/5

Right Out: -32.501 $\pm$ 0.244 χ^2 /NDF: 6037.9/18

Left In: -36.989 $\pm$ 0.320 χ^2 /NDF:167.0/3

Left: -36.717 $\pm$ 0.206 χ^2 /NDF: 416.3/9

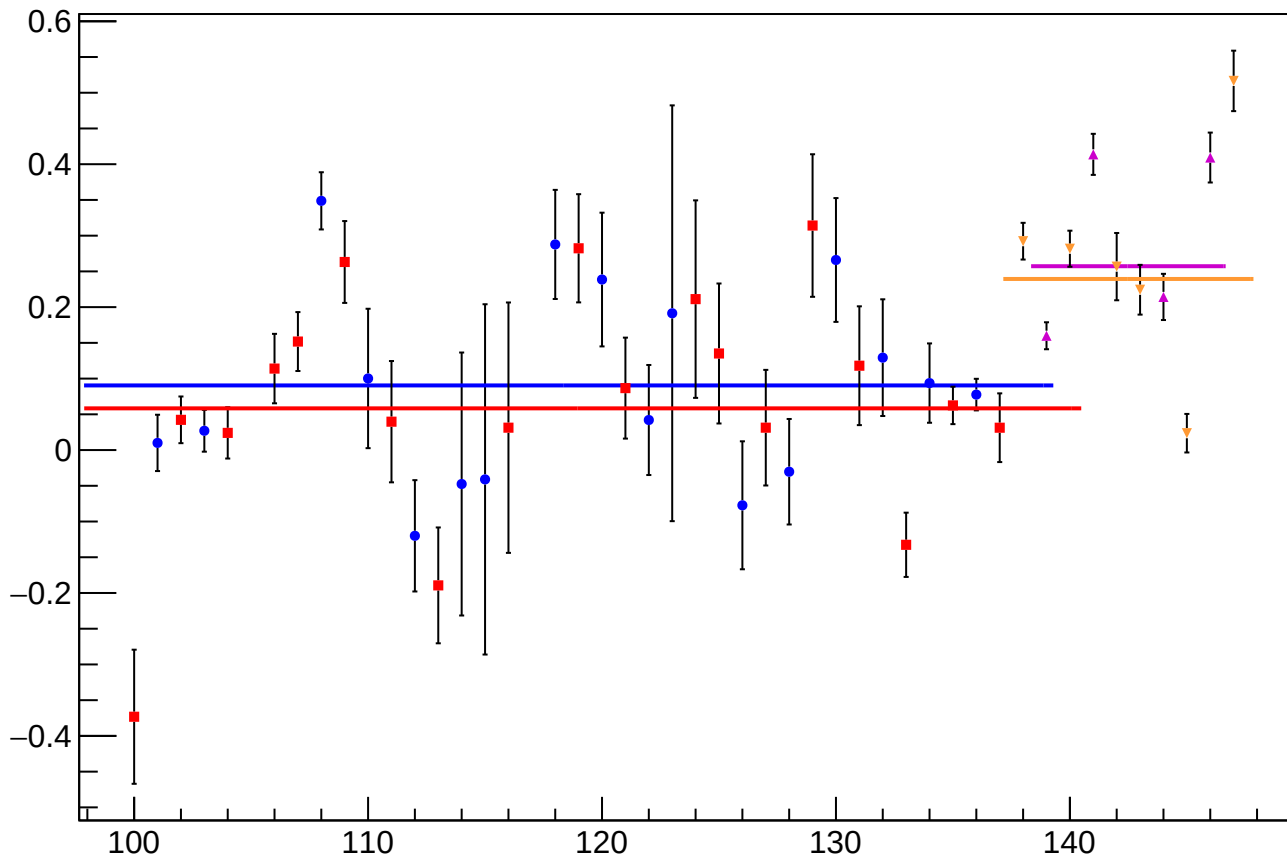
Right: -32.652 $\pm$ 0.176 χ^2 /NDF: 10705.2/35

In: -34.431 $\pm$ 0.199 χ^2 /NDF:4938.0/20

Out: -34.308 $\pm$ 0.181 χ^2 /NDF:6408.1/24

All: -34.364 $\pm$ 0.134 χ^2 /NDF: 11346.3/45

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.2/16

Left Out: 0.239 $\pm$ 0.013 χ^2 /NDF:114.3/5

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.3/18

Left In: 0.257 $\pm$ 0.013 χ^2 /NDF:77.0/3

Left: 0.248 $\pm$ 0.009 χ^2 /NDF: 192.3/9

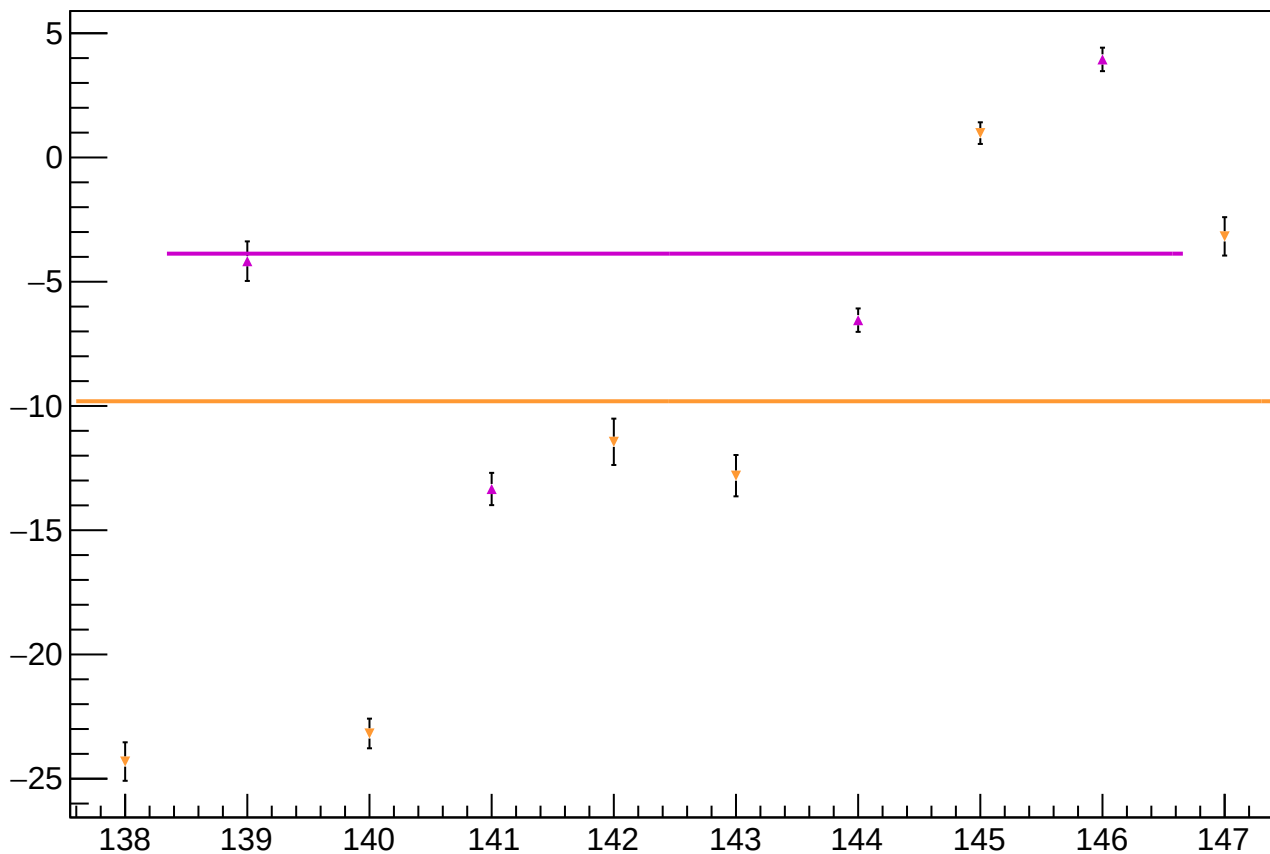
Right: 0.074 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.171 $\pm$ 0.009 χ^2 /NDF:239.5/20

Out: 0.146 $\pm$ 0.009 χ^2 /NDF:308.7/24

All: 0.158 $\pm$ 0.006 χ^2 /NDF: 552.3/45

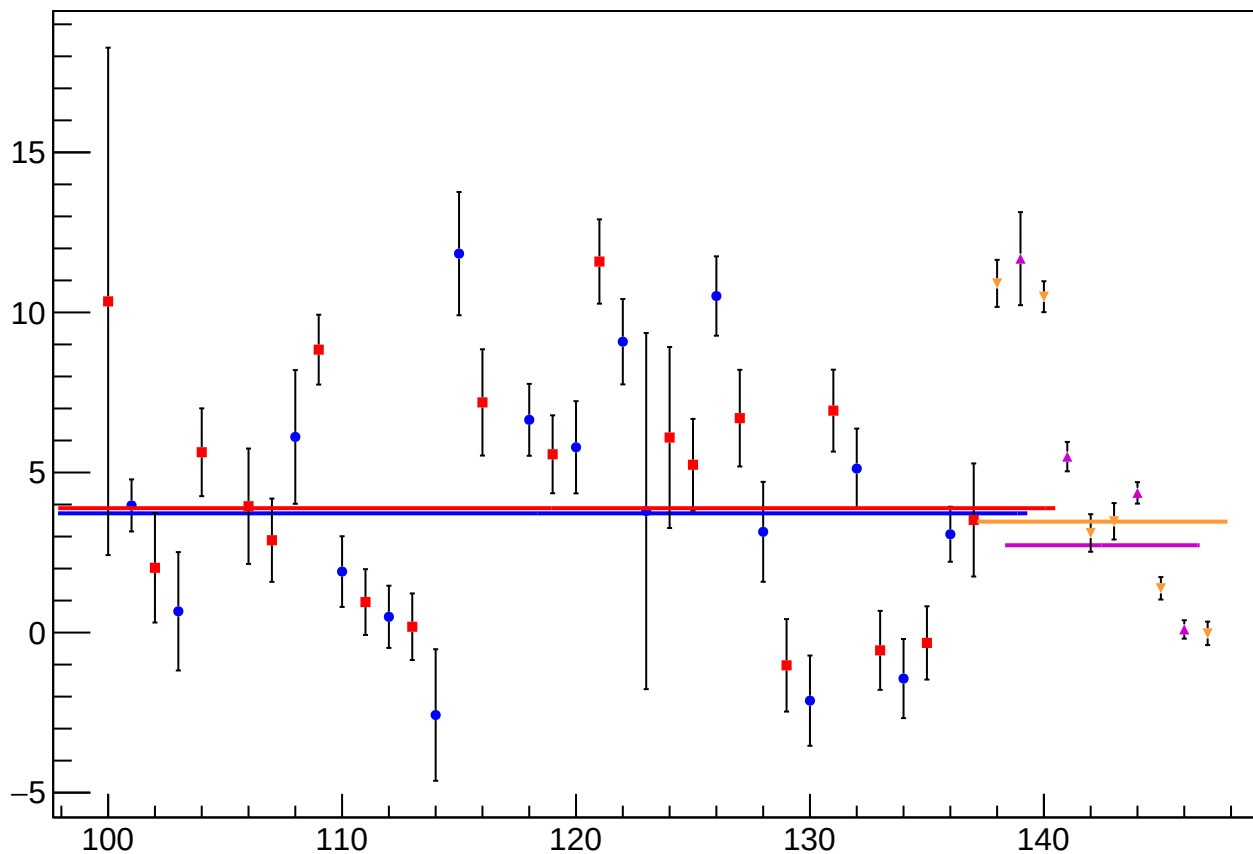
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.810+/-0.267 χ^2/NDF :1554.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.870+/-0.278 χ^2/NDF :518.8/3

Left: -6.958+/-0.193 χ^2/NDF : 2310.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.870+/-0.278 χ^2/NDF :518.8/3
 Out: -9.810+/-0.267 χ^2/NDF :1554.6/5
 All: -6.958+/-0.193 χ^2/NDF : 2310.7/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.466 ± 0.190 χ^2/NDF : 441.3/5

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

Left In: 2.728 ± 0.195 χ^2/NDF : 182.1/3

Left: 3.107 ± 0.136 χ^2/NDF : 630.7/9

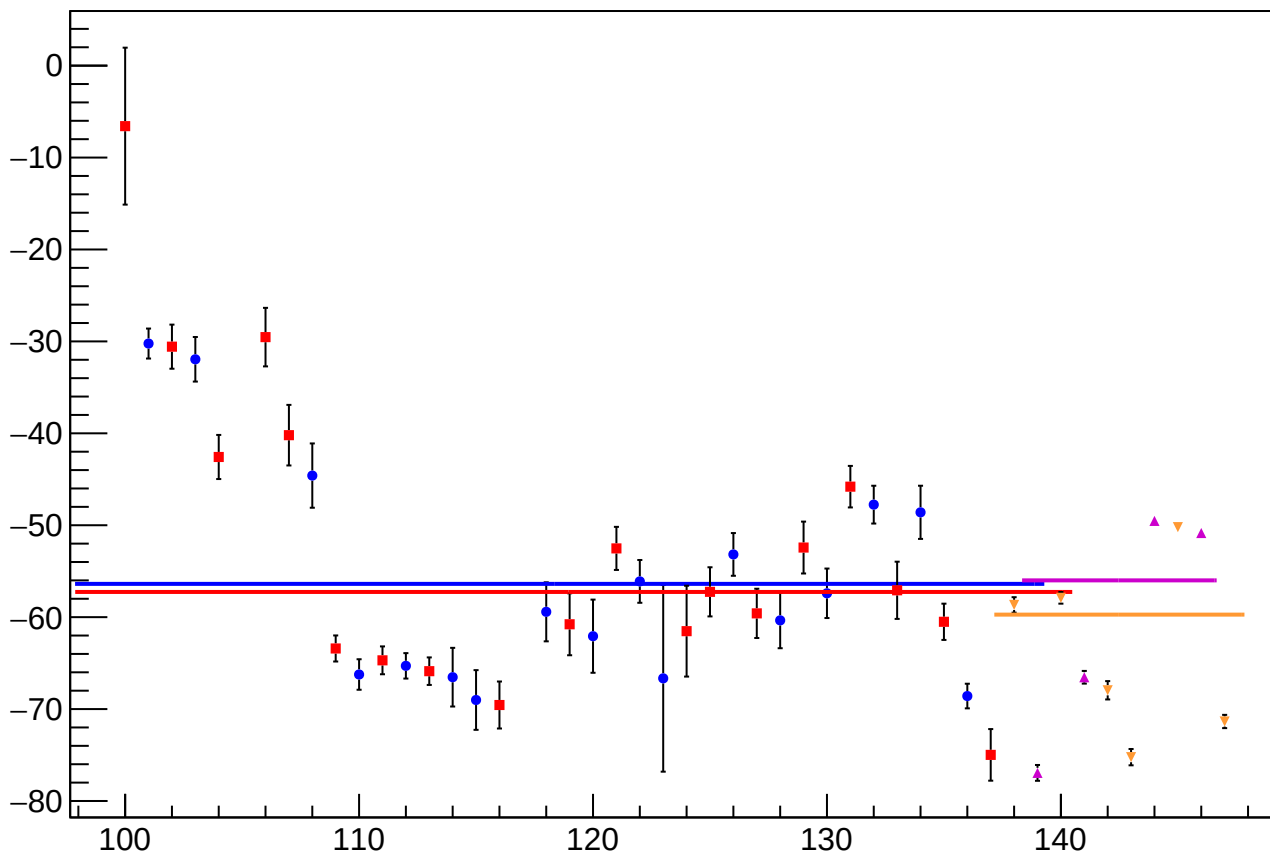
Right: 3.803 ± 0.221 χ^2/NDF : 271.3/35

In: 3.013 ± 0.165 χ^2/NDF : 326.3/20

Out: 3.577 ± 0.163 χ^2/NDF : 577.0/24

All: 3.298 ± 0.116 χ^2/NDF : 909.2/45

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -59.724 ± 0.280 $\chi^2/\text{NDF}: 1063.6/5$

Right Out: -57.258 ± 0.536 $\chi^2/\text{NDF}: 476.1/18$

Left In: -55.998 ± 0.286 $\chi^2/\text{NDF}: 1118.4/3$

Left: -57.899 ± 0.200 $\chi^2/\text{NDF}: 2268.7/9$

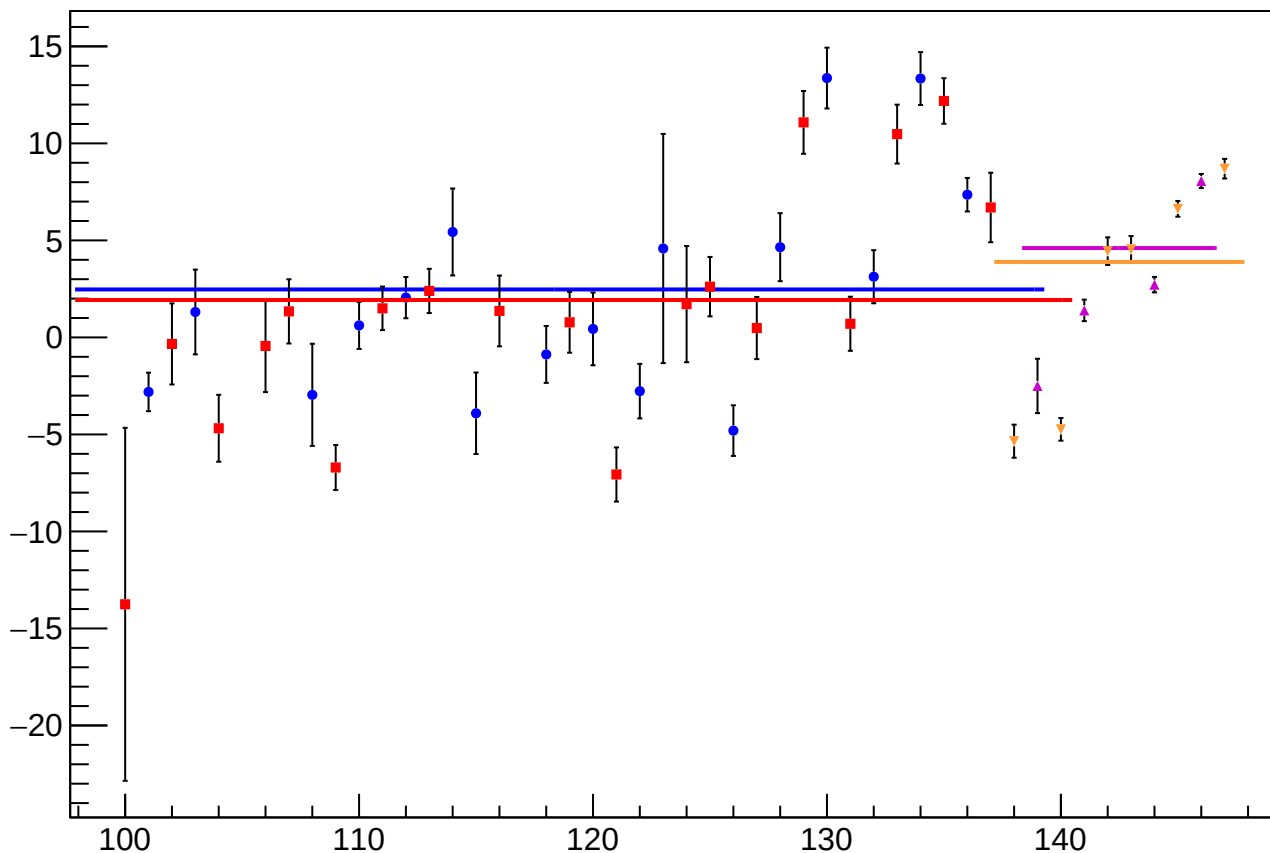
Right: -56.823 ± 0.381 $\chi^2/\text{NDF}: 1064.8/35$

In: -56.081 ± 0.253 $\chi^2/\text{NDF}: 1706.2/20$

Out: -59.195 ± 0.248 $\chi^2/\text{NDF}: 1556.4/24$

All: -57.667 ± 0.177 $\chi^2/\text{NDF}: 3339.7/45$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473+/-0.345 χ^2/NDF : 243.6/16

Left Out: 3.889+/-0.233 χ^2/NDF :473.2/5

Right Out: 1.928+/-0.355 χ^2/NDF : 266.6/18

Left In: 4.607+/-0.238 χ^2/NDF :171.7/3

Left: 4.240+/-0.167 χ^2/NDF : 649.5/9

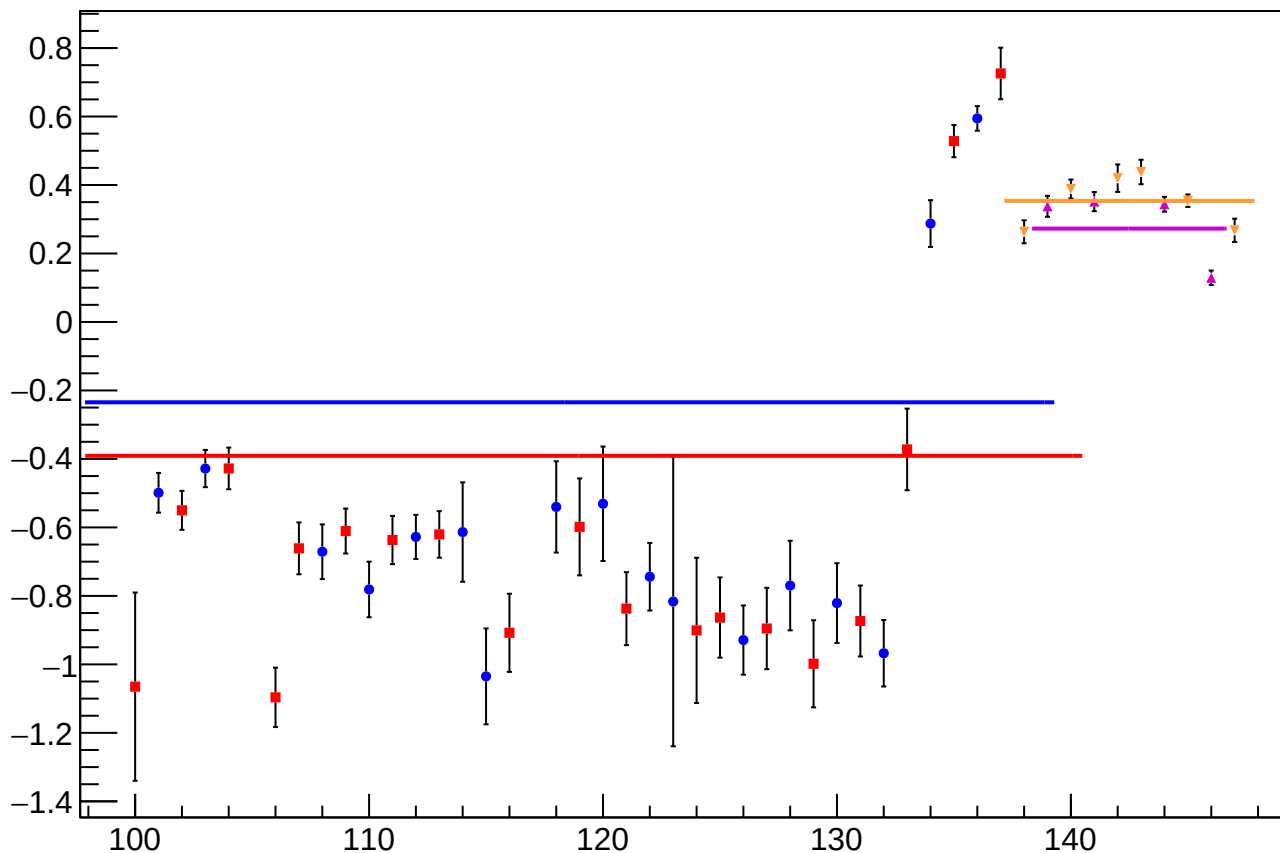
Right: 2.208+/-0.248 χ^2/NDF : 511.4/35

In: 3.919+/-0.196 χ^2/NDF :441.1/20

Out: 3.298+/-0.195 χ^2/NDF :761.1/24

All: 3.606+/-0.138 χ^2/NDF : 1207.3/45

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.354 ± 0.012 χ^2/NDF : 23.6/5

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.273 ± 0.012 χ^2/NDF : 69.2/3

Left: 0.315 ± 0.008 χ^2/NDF : 115.9/9

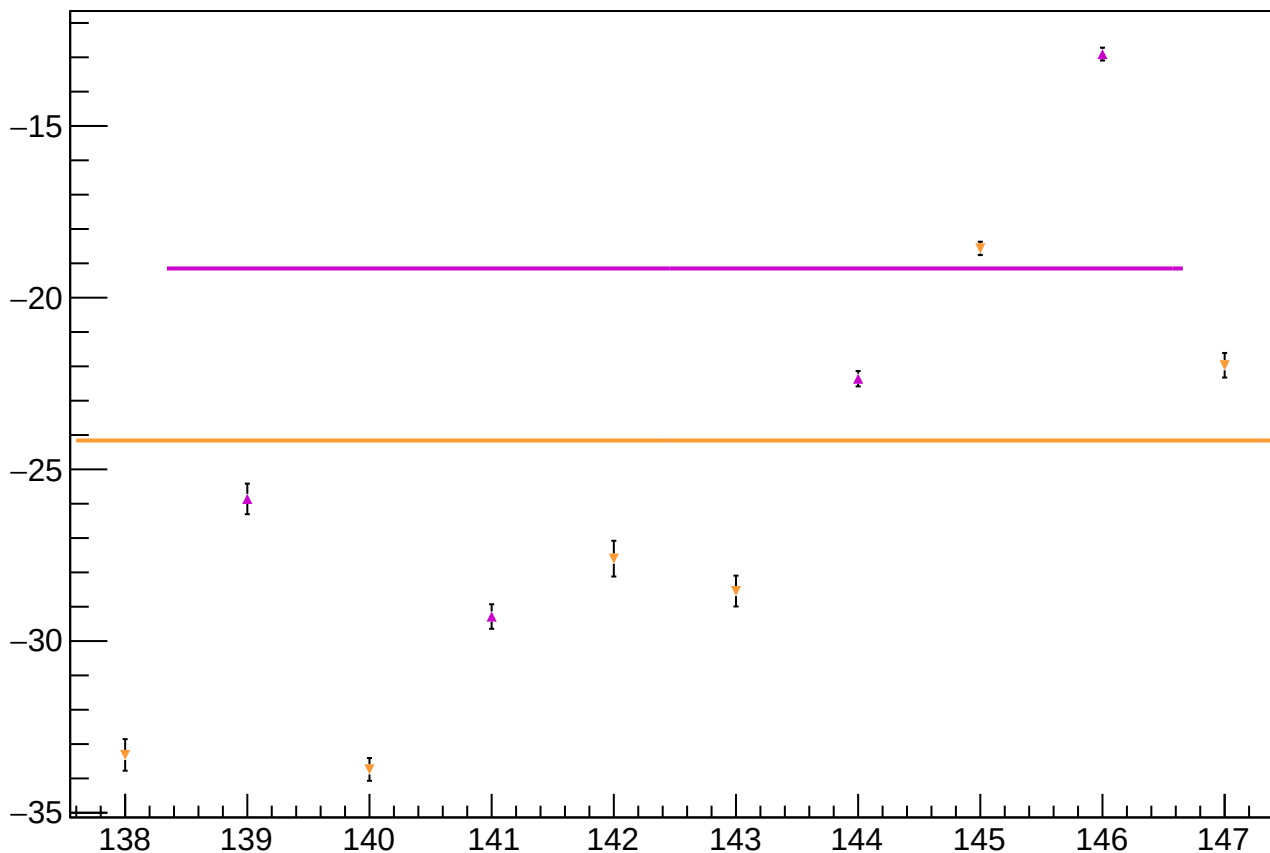
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.123 ± 0.010 χ^2/NDF : 1536.8/20

Out: 0.152 ± 0.010 χ^2/NDF : 2001.0/24

All: 0.138 ± 0.007 χ^2/NDF : 3541.9/45

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.159+/-0.133 χ^2/NDF :2229.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.149+/-0.128 χ^2/NDF :2349.7/3

Left: -21.552+/-0.092 χ^2/NDF : 5318.8/9

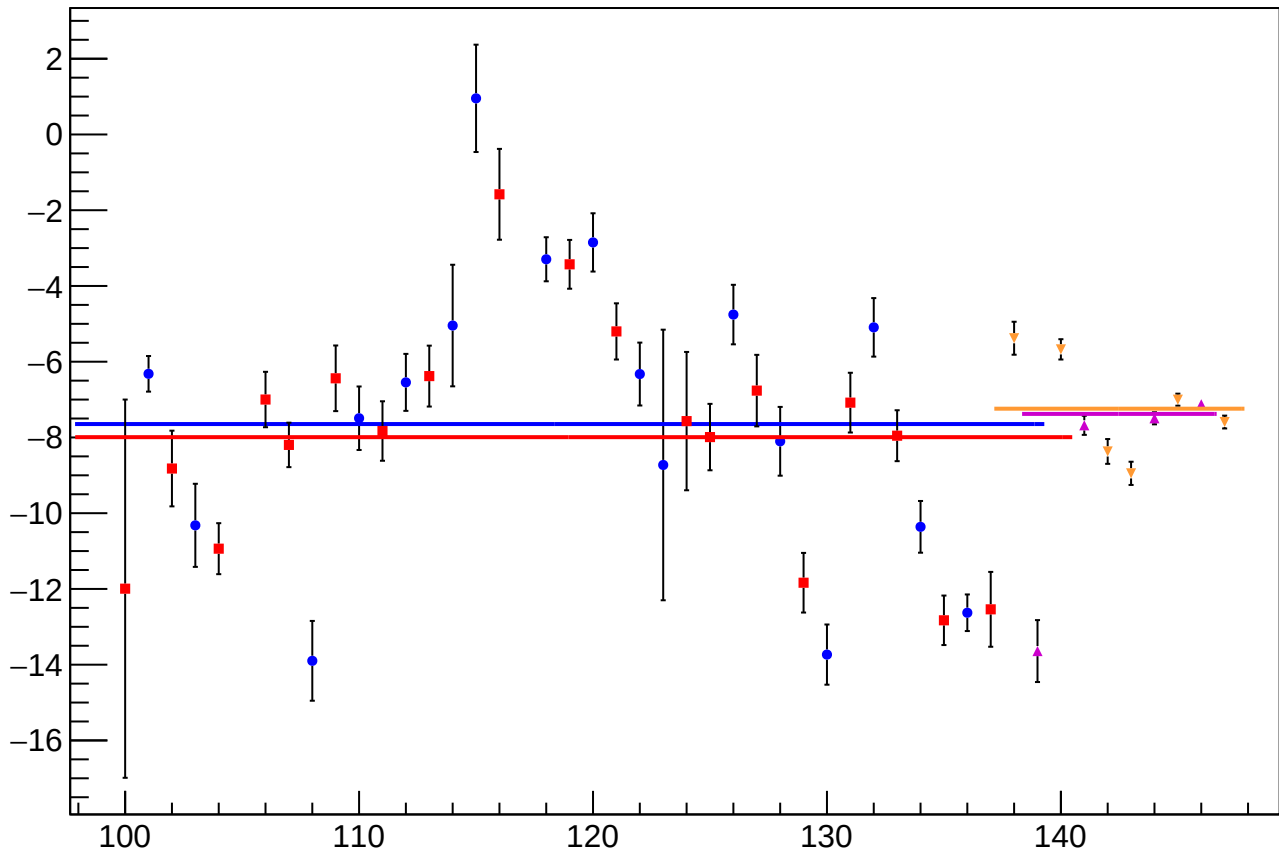
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.149+/-0.128 χ^2/NDF :2349.7/3

Out: -24.159+/-0.133 χ^2/NDF :2229.8/5

All: -21.552+/-0.092 χ^2/NDF : 5318.8/9

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.241 ± 0.094 χ^2/NDF : 101.9/5

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -7.378 ± 0.088 χ^2/NDF : 65.4/3

Left: -7.314 ± 0.064 χ^2/NDF : 168.4/9

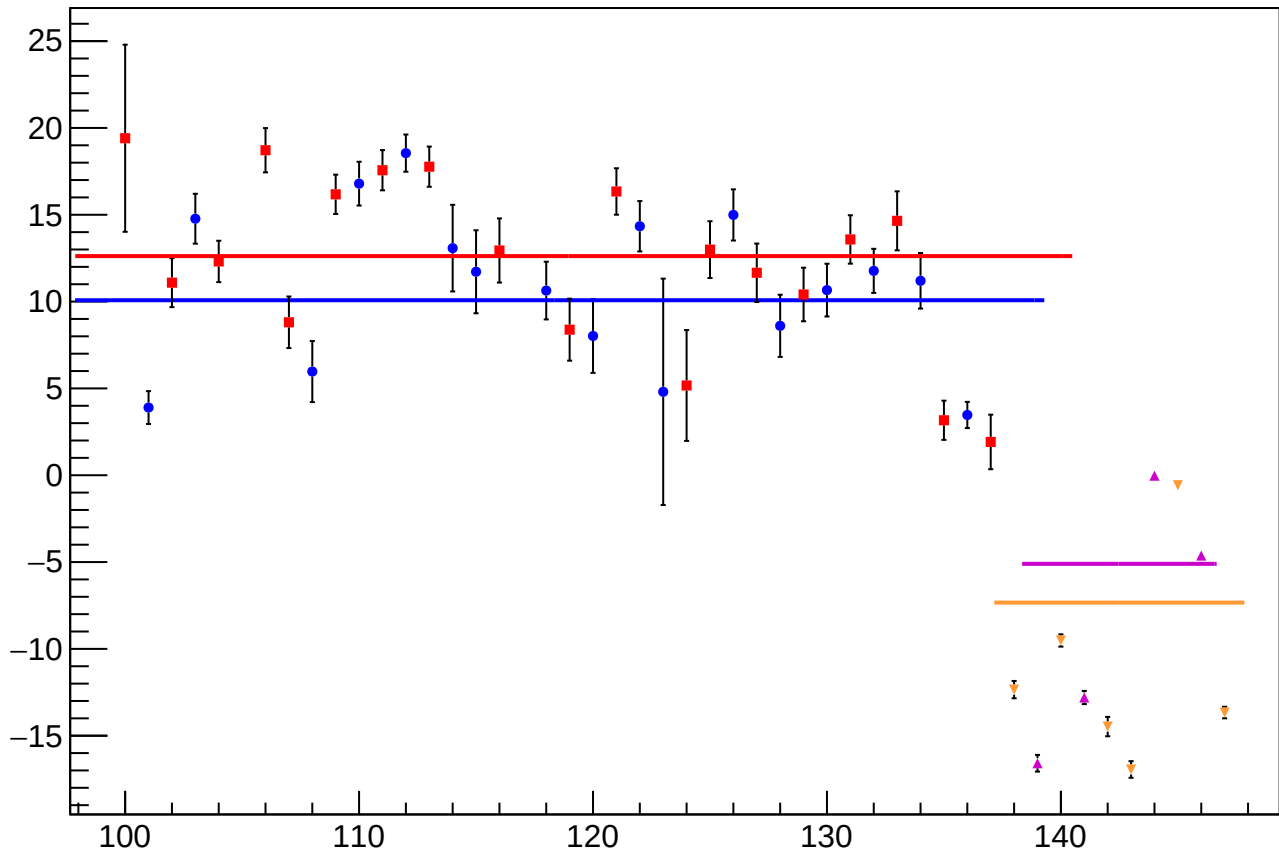
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.427 ± 0.079 χ^2/NDF : 460.7/20

Out: -7.394 ± 0.084 χ^2/NDF : 340.3/24

All: -7.411 ± 0.058 χ^2/NDF : 801.2/45

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -7.335 ± 0.139 $\chi^2/\text{NDF}: 2140.9/5$

Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$

Left In: -5.102 ± 0.130 $\chi^2/\text{NDF}: 1438.3/3$

Left: -6.145 ± 0.095 $\chi^2/\text{NDF}: 3717.6/9$

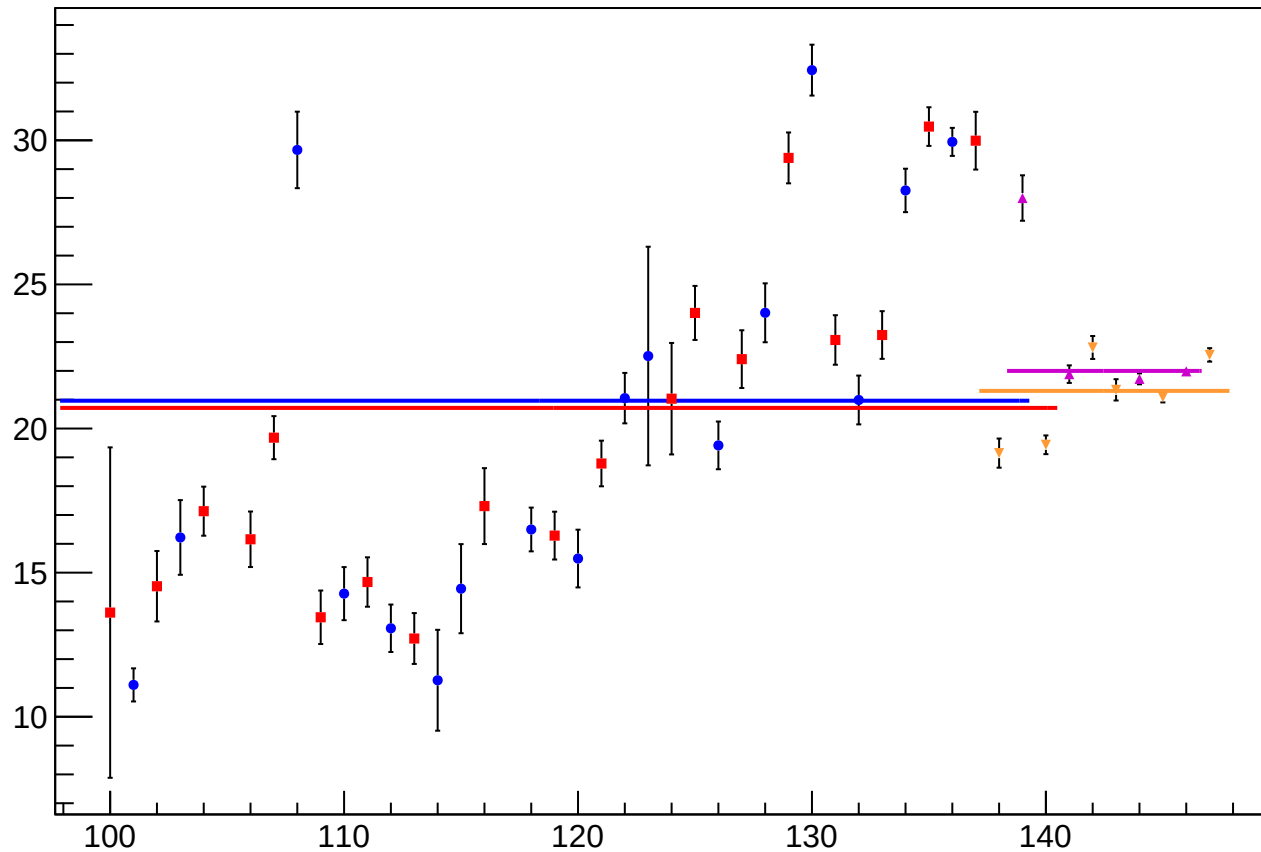
Right: 11.365 ± 0.237 $\chi^2/\text{NDF}: 501.6/35$

In: -3.143 ± 0.121 $\chi^2/\text{NDF}: 3460.4/20$

Out: -4.383 ± 0.128 $\chi^2/\text{NDF}: 5431.0/24$

All: -3.729 ± 0.088 $\chi^2/\text{NDF}: 8941.1/45$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 21.306 $\pm$ 0.115 χ^2 /NDF: 95.6/5

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

Left In: 21.999 $\pm$ 0.107 χ^2 /NDF: 60.2/3

Left: 21.678 $\pm$ 0.079 χ^2 /NDF: 175.1/9

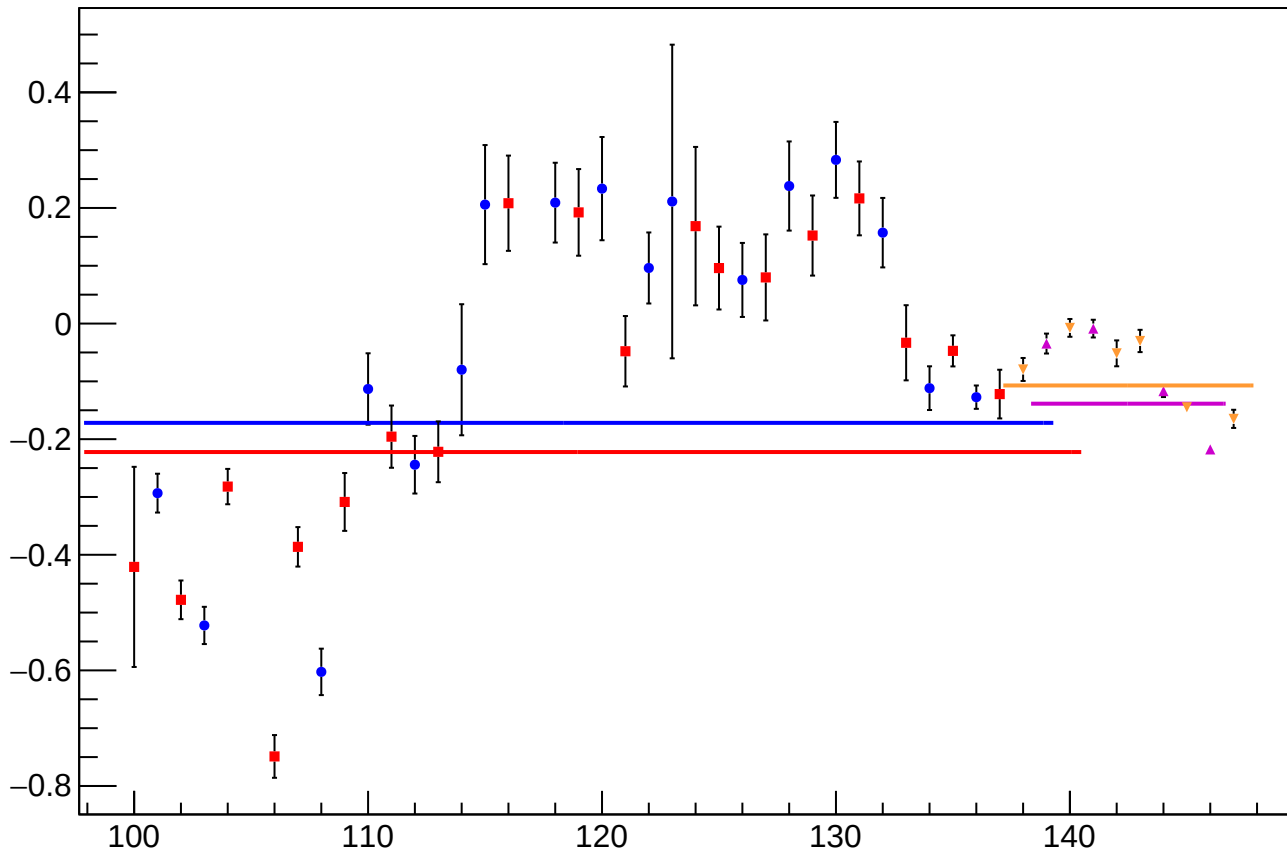
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 21.784 $\pm$ 0.096 χ^2 /NDF: 1304.9/20

Out: 21.172 $\pm$ 0.101 χ^2 /NDF: 831.5/24

All: 21.496 $\pm$ 0.070 χ^2 /NDF: 2155.7/45

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.107 ± 0.006 χ^2/NDF : 101.1/5

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

Left In: -0.139 ± 0.006 χ^2/NDF : 200.4/3

Left: -0.123 ± 0.004 χ^2/NDF : 316.9/9

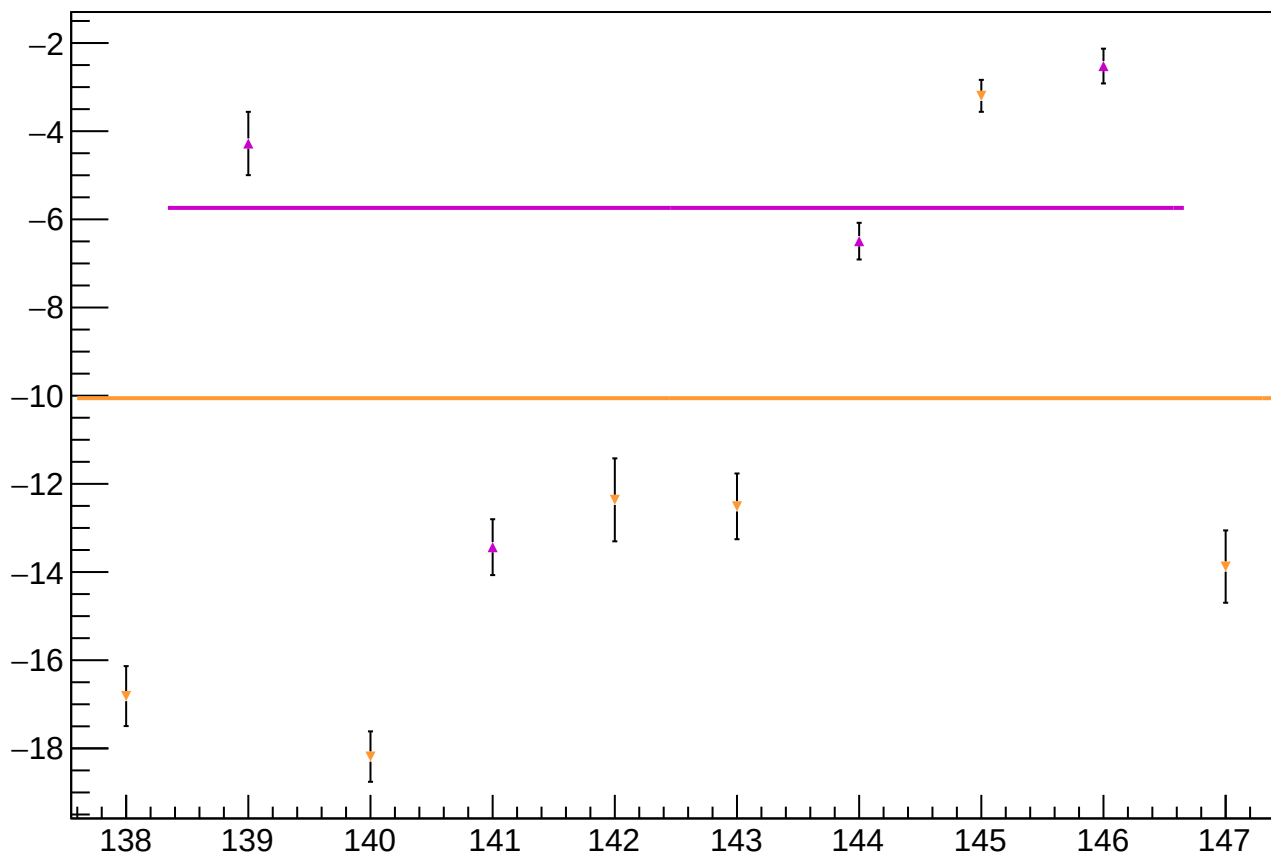
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.145 ± 0.005 χ^2/NDF : 671.6/20

Out: -0.132 ± 0.005 χ^2/NDF : 724.3/24

All: -0.139 ± 0.004 χ^2/NDF : 1399.6/45

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.056+/-0.241 χ^2/NDF :696.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.740+/-0.245 χ^2/NDF :221.3/3

Left: -7.936+/-0.172 χ^2/NDF : 1075.8/9

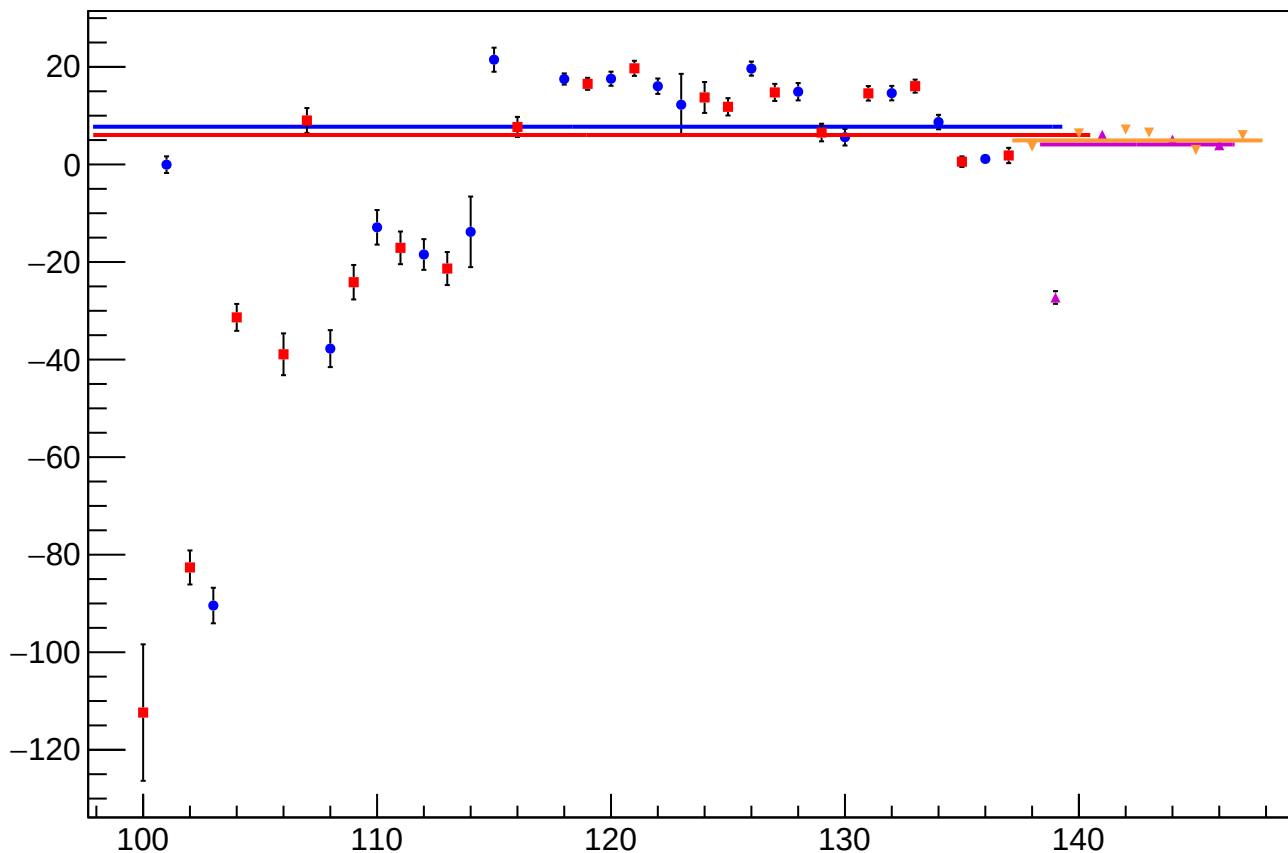
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.740+/-0.245 χ^2/NDF :221.3/3

Out: -10.056+/-0.241 χ^2/NDF :696.8/5

All: -7.936+/-0.172 χ^2/NDF : 1075.8/9

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 4.927 ± 0.176 $\chi^2/\text{NDF}: 90.5/5$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

Left In: 4.102 ± 0.175 $\chi^2/\text{NDF}: 606.7/3$

Left: 4.513 ± 0.124 $\chi^2/\text{NDF}: 708.2/9$

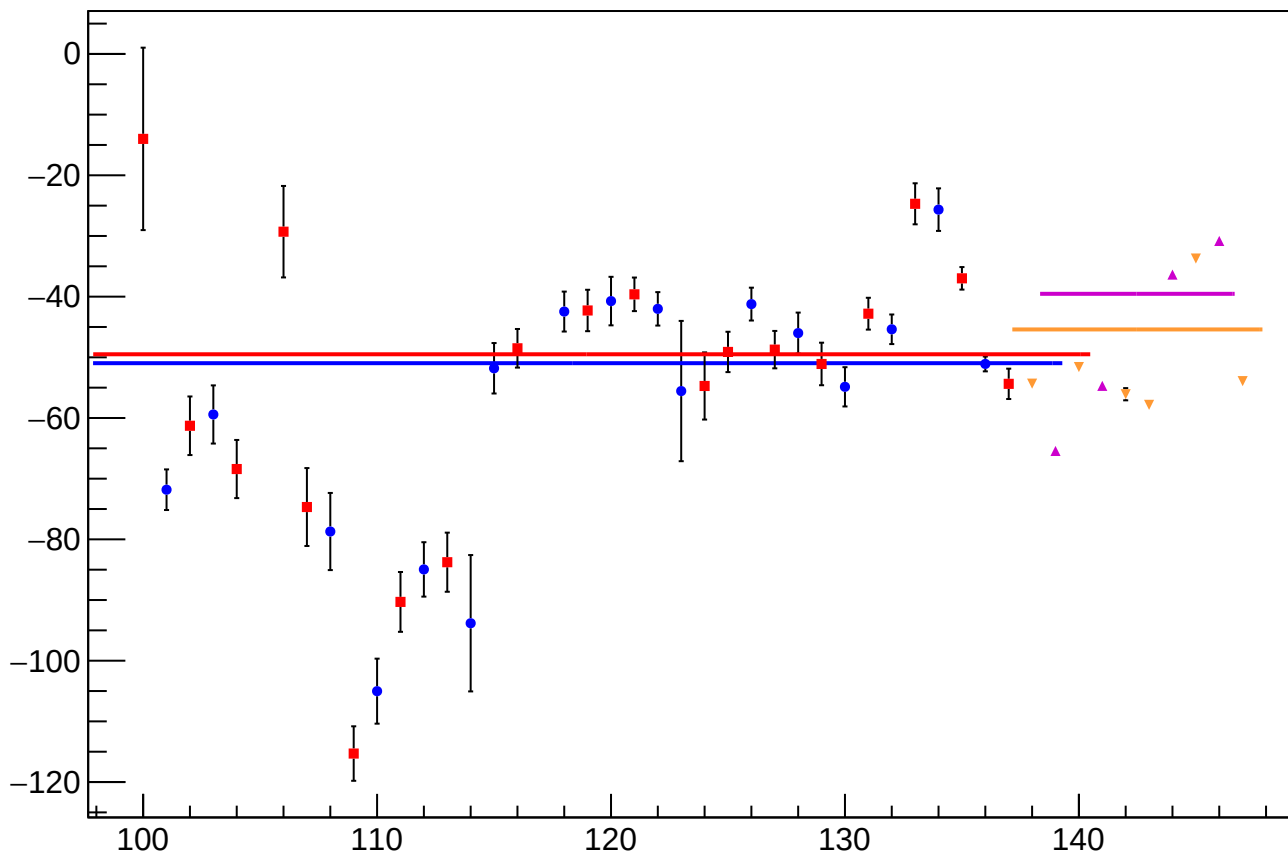
Right: 6.952 ± 0.295 $\chi^2/\text{NDF}: 2878.8/35$

In: 4.679 ± 0.160 $\chi^2/\text{NDF}: 2033.6/20$

Out: 5.084 ± 0.163 $\chi^2/\text{NDF}: 1608.3/24$

All: 4.878 ± 0.114 $\chi^2/\text{NDF}: 3645.0/45$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -45.405 ± 0.254 χ^2/NDF : 1639.9/5

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

Left In: -39.534 ± 0.251 χ^2/NDF : 2195.6/3

Left: -42.437 ± 0.179 χ^2/NDF : 4105.0/9

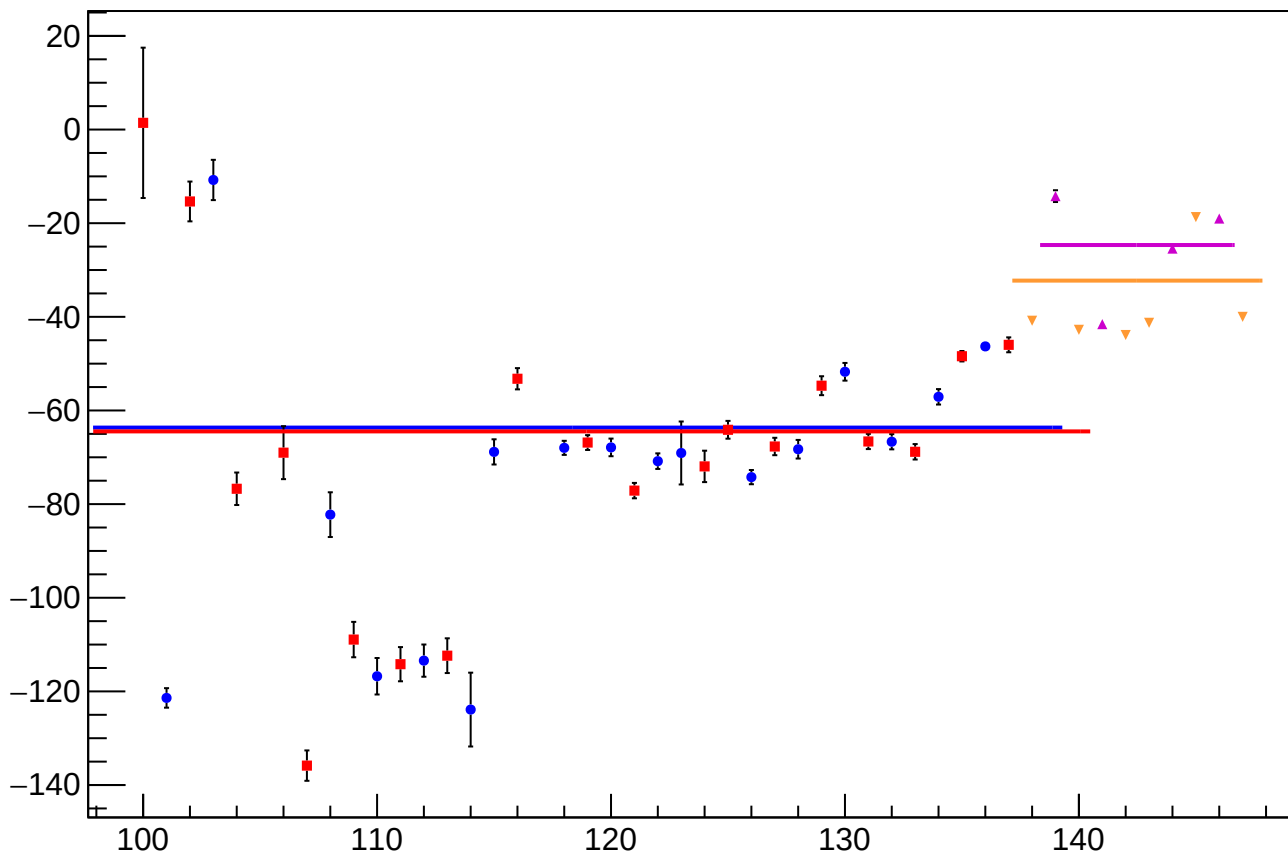
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -40.724 ± 0.238 χ^2/NDF : 2743.4/20

Out: -45.783 ± 0.242 χ^2/NDF : 2174.2/24

All: -43.209 ± 0.170 χ^2/NDF : 5139.5/45

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -32.264 $\pm$ 0.213 χ^2 /NDF:2813.2/5

Right Out: -64.470 $\pm$ 0.483 χ^2 /NDF: 1606.8/18

Left In: -24.662 $\pm$ 0.212 χ^2 /NDF:1368.1/3

Left: -28.442 $\pm$ 0.150 χ^2 /NDF: 4819.3/9

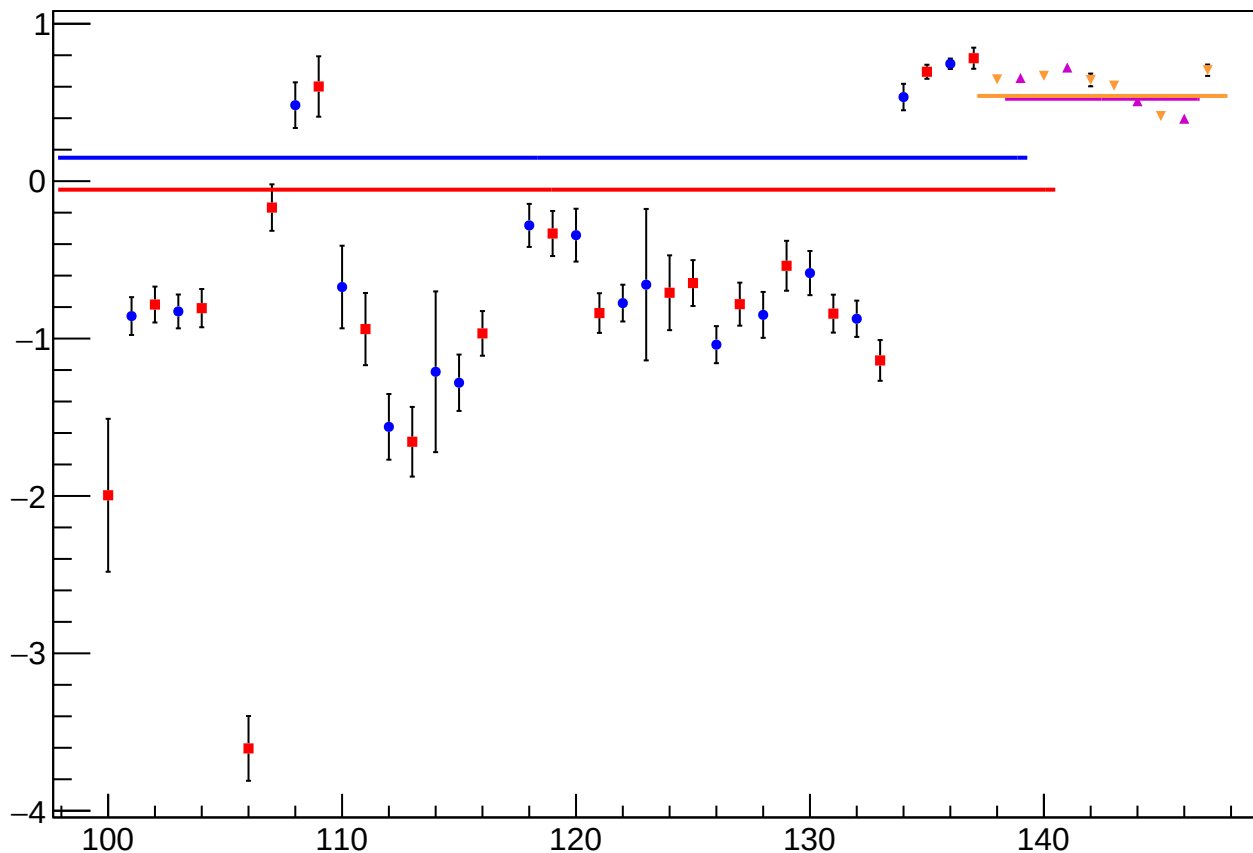
Right: -64.030 $\pm$ 0.327 χ^2 /NDF: 3623.1/35

In: -31.878 $\pm$ 0.192 χ^2 /NDF:9630.2/20

Out: -37.534 $\pm$ 0.195 χ^2 /NDF:8146.3/24

All: -34.654 $\pm$ 0.137 χ^2 /NDF: 18204.0/45

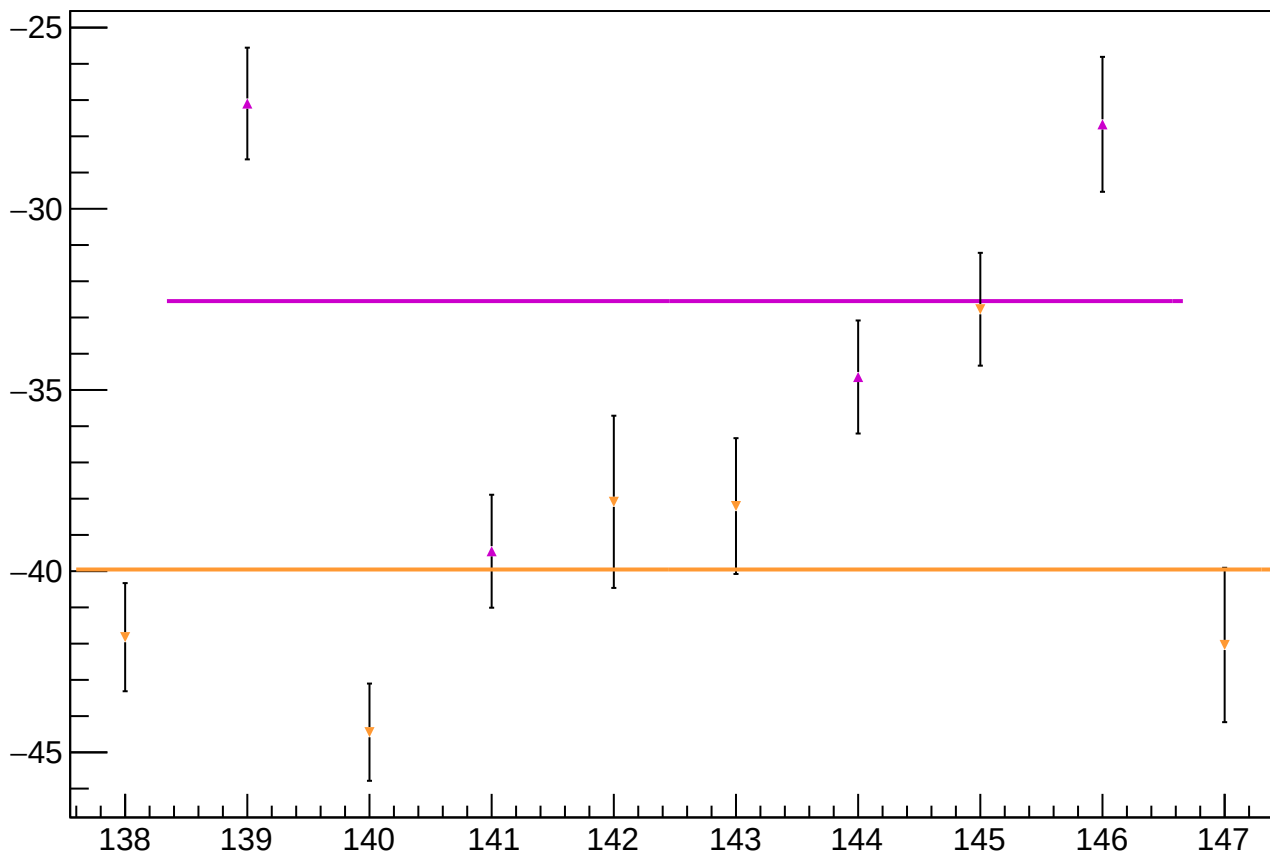
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 $\chi^2/\text{NDF}: 989.9/16$
 Left Out: 0.541 ± 0.010 $\chi^2/\text{NDF}: 137.7/5$
 Right Out: -0.054 ± 0.026 $\chi^2/\text{NDF}: 1167.9/18$
 Left In: 0.524 ± 0.011 $\chi^2/\text{NDF}: 126.8/3$

Left: 0.533 ± 0.008 $\chi^2/\text{NDF}: 265.8/9$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2190.5/35$
 In: 0.460 ± 0.010 $\chi^2/\text{NDF}: 1319.7/20$
 Out: 0.460 ± 0.010 $\chi^2/\text{NDF}: 1751.9/24$
 All: 0.460 ± 0.007 $\chi^2/\text{NDF}: 3071.7/45$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.954+/-0.690 χ^2/NDF : 36.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.547+/-0.808 χ^2/NDF : 40.8/3

Left: -36.829+/-0.525 χ^2/NDF : 125.9/9

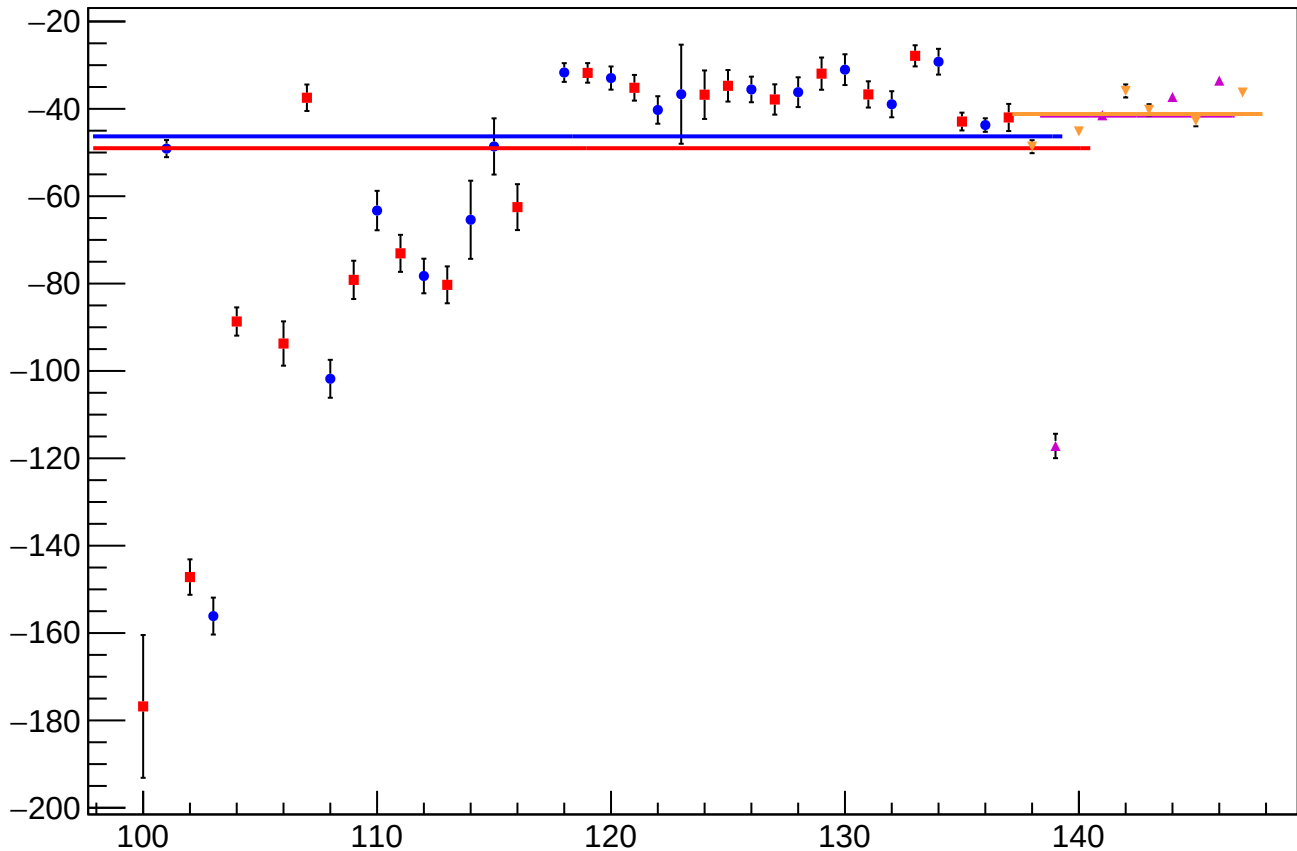
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.547+/-0.808 χ^2/NDF : 40.8/3

Out: -39.954+/-0.690 χ^2/NDF : 36.5/5

All: -36.829+/-0.525 χ^2/NDF : 125.9/9

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -41.178 ± 0.505 $\chi^2/\text{NDF}: 76.4/5$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

Left In: -41.557 ± 0.630 $\chi^2/\text{NDF}: 797.8/3$

Left: -41.326 ± 0.394 $\chi^2/\text{NDF}: 874.4/9$

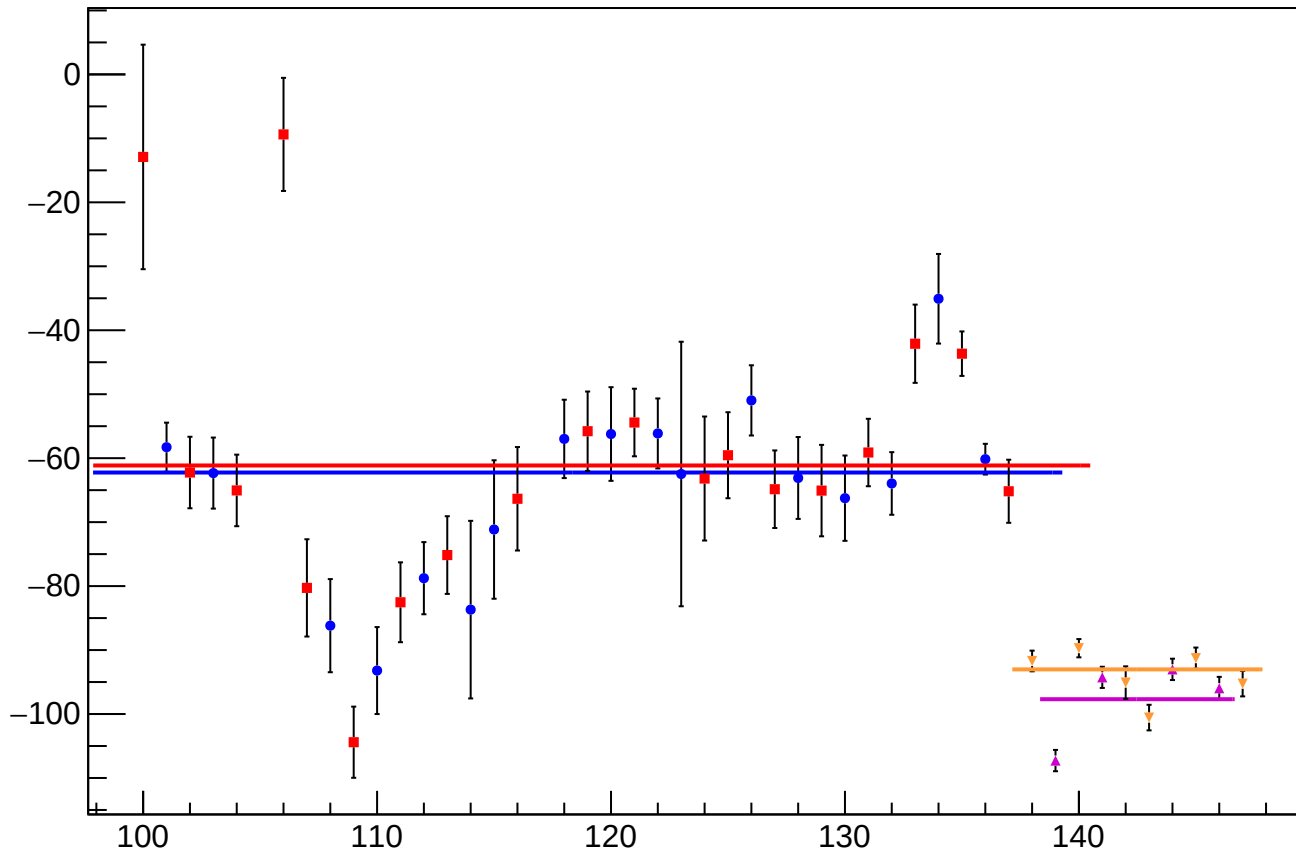
Right: -47.580 ± 0.525 $\chi^2/\text{NDF}: 2362.3/35$

In: -43.606 ± 0.475 $\chi^2/\text{NDF}: 1906.3/20$

Out: -43.558 ± 0.421 $\chi^2/\text{NDF}: 1421.2/24$

All: -43.579 ± 0.315 $\chi^2/\text{NDF}: 3327.5/45$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -93.022 ± 0.727 χ^2/NDF : 23.3/5

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

Left In: -97.682 ± 0.846 χ^2/NDF : 46.1/3

Left: -94.999 ± 0.551 χ^2/NDF : 86.8/9

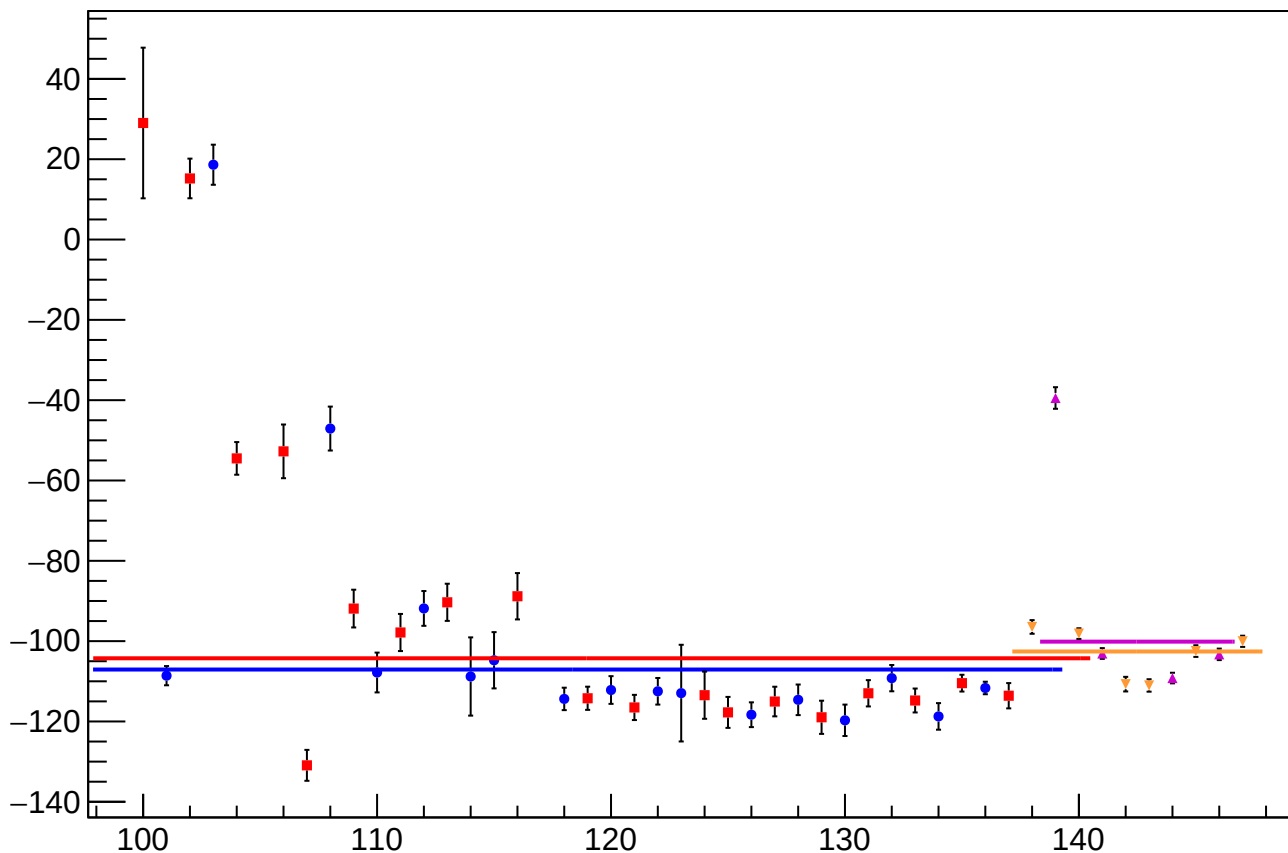
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -87.250 ± 0.711 χ^2/NDF : 629.8/20

Out: -86.099 ± 0.643 χ^2/NDF : 607.0/24

All: -86.617 ± 0.477 χ^2/NDF : 1238.2/45

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -102.574 ± 0.618 χ^2/NDF : 77.3/5

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

Left In: -100.125 ± 0.754 χ^2/NDF : 565.9/3

Left: -101.590 ± 0.478 χ^2/NDF : 649.5/9

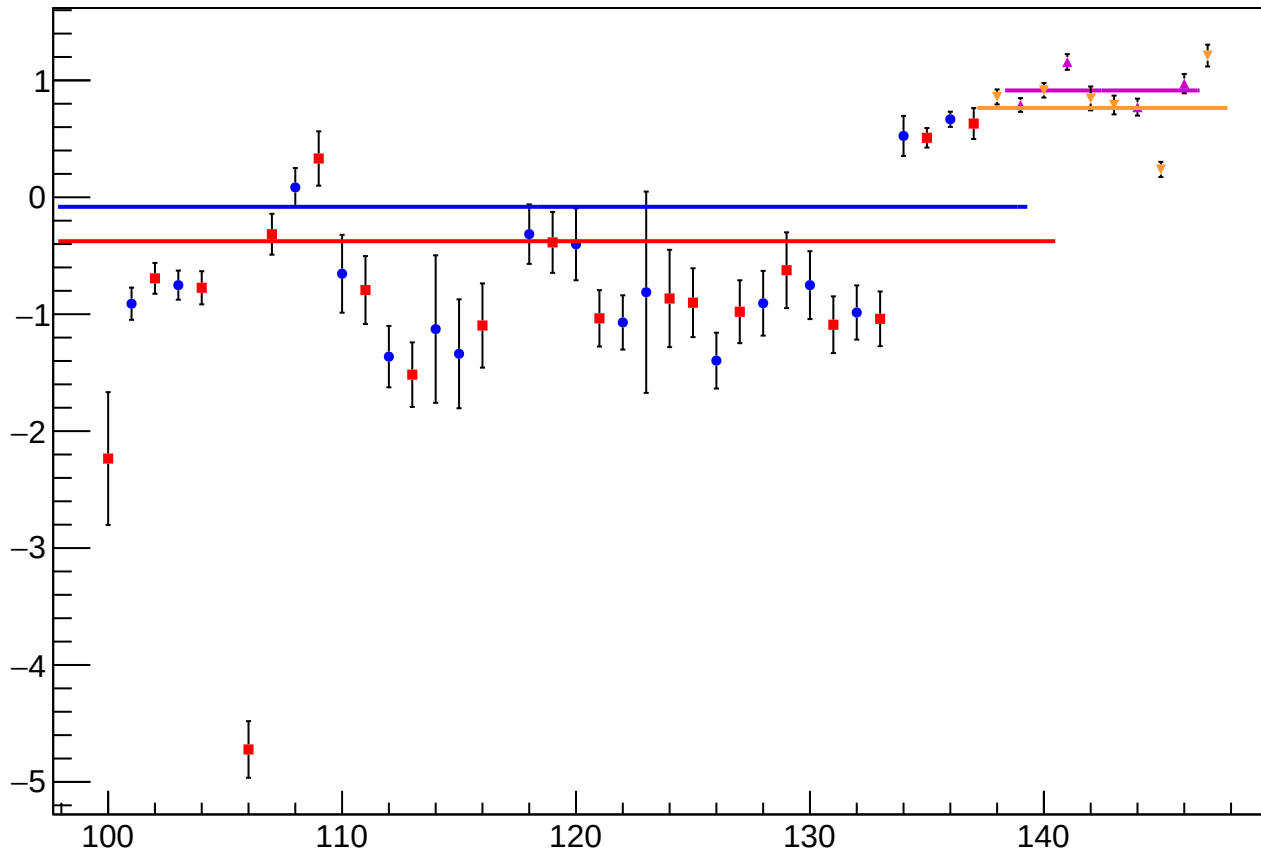
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -103.342 ± 0.552 χ^2/NDF : 1433.5/20

Out: -103.151 ± 0.502 χ^2/NDF : 1098.5/24

All: -103.237 ± 0.371 χ^2/NDF : 2532.1/45

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.764 ± 0.030 χ^2/NDF : 97.6/5

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 0.914 ± 0.034 χ^2/NDF : 22.0/3

Left: 0.829 ± 0.023 χ^2/NDF : 130.4/9

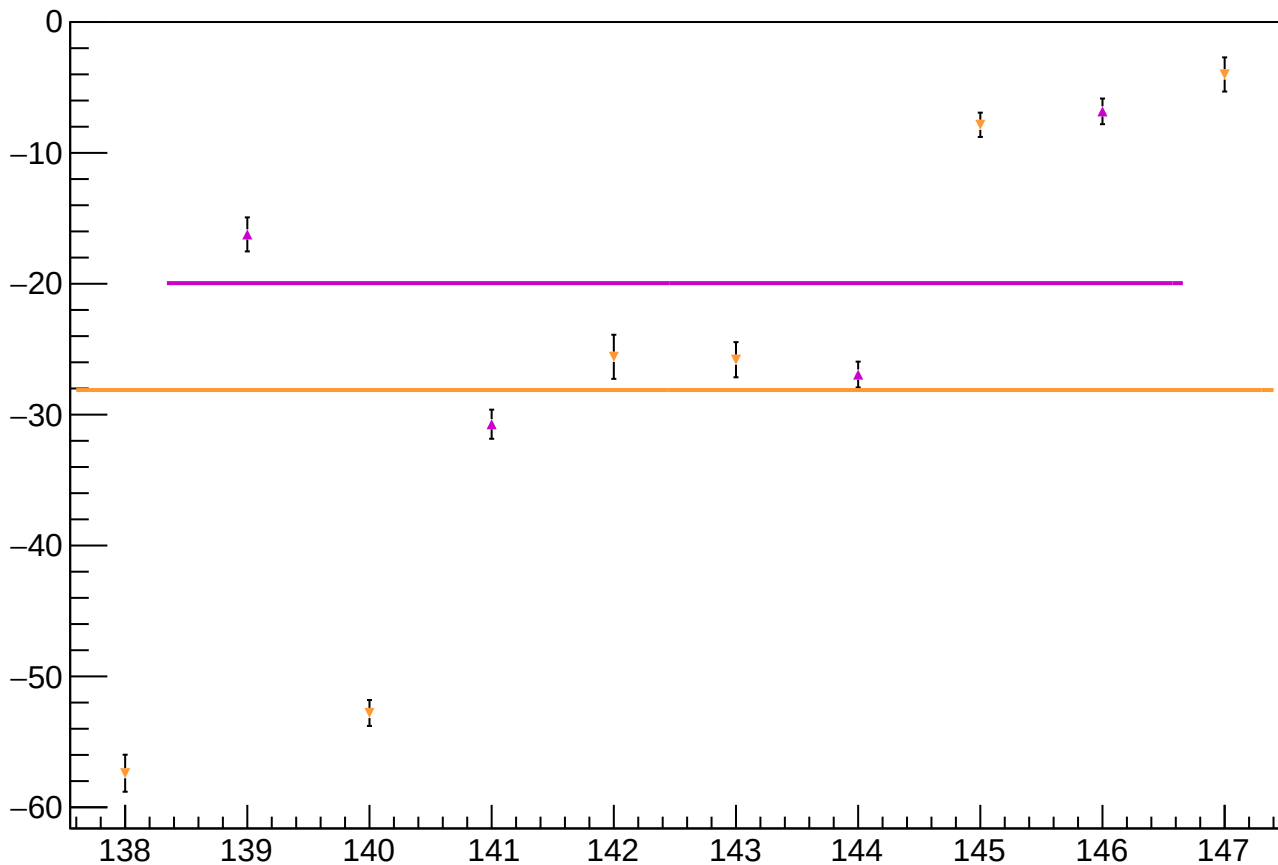
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.516 ± 0.027 χ^2/NDF : 685.5/20

Out: 0.400 ± 0.025 χ^2/NDF : 1139.8/24

All: 0.454 ± 0.018 χ^2/NDF : 1835.5/45

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.119+/-0.490 χ^2/NDF :1871.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.950+/-0.537 χ^2/NDF :331.6/3

Left: -24.411+/-0.362 χ^2/NDF : 2329.3/9

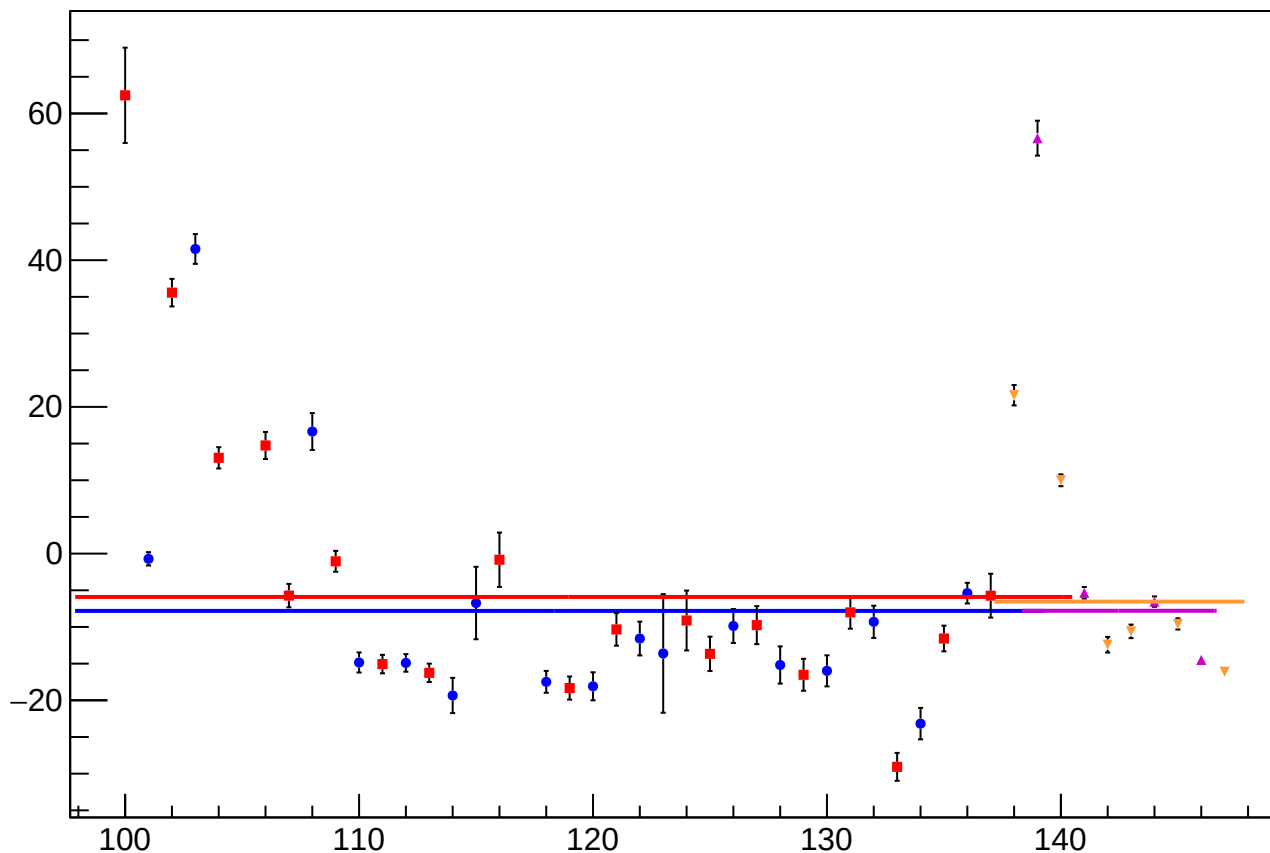
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.950+/-0.537 χ^2/NDF :331.6/3

Out: -28.119+/-0.490 χ^2/NDF :1871.3/5

All: -24.411+/-0.362 χ^2/NDF : 2329.3/9

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 $\chi^2/\text{NDF}: 982.8/16$

Left Out: -6.549 ± 0.345 $\chi^2/\text{NDF}: 1127.7/5$

Right Out: -5.908 ± 0.429 $\chi^2/\text{NDF}: 1293.1/18$

Left In: -7.795 ± 0.394 $\chi^2/\text{NDF}: 864.4/3$

Left: -7.090 ± 0.260 $\chi^2/\text{NDF}: 1997.8/9$

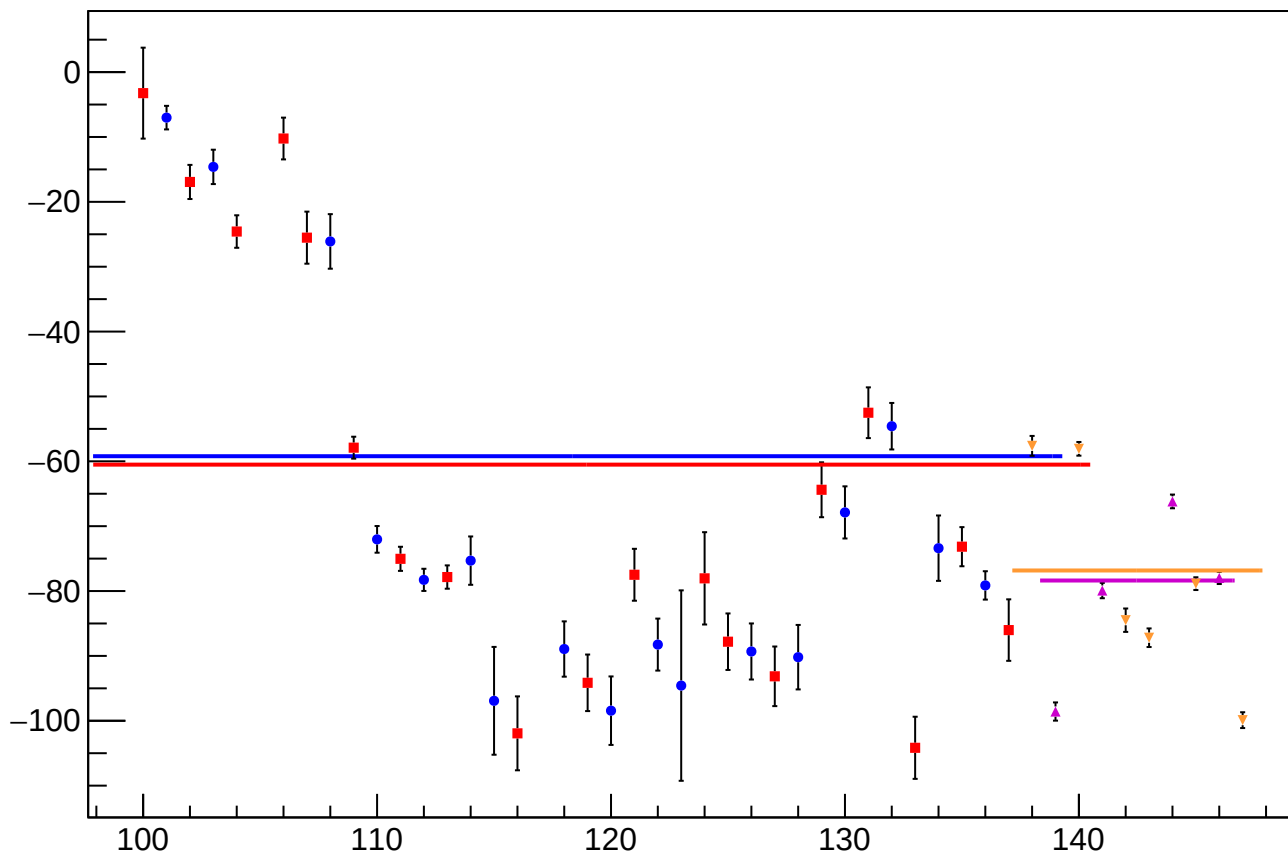
Right: -6.864 ± 0.303 $\chi^2/\text{NDF}: 2285.7/35$

In: -7.803 ± 0.290 $\chi^2/\text{NDF}: 1847.2/20$

Out: -6.298 ± 0.269 $\chi^2/\text{NDF}: 2422.1/24$

All: -6.994 ± 0.197 $\chi^2/\text{NDF}: 4283.8/45$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -76.831 ± 0.511 χ^2/NDF : 906.2/5

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

Left In: -78.376 ± 0.555 χ^2/NDF : 341.6/3

Left: -77.540 ± 0.376 χ^2/NDF : 1252.0/9

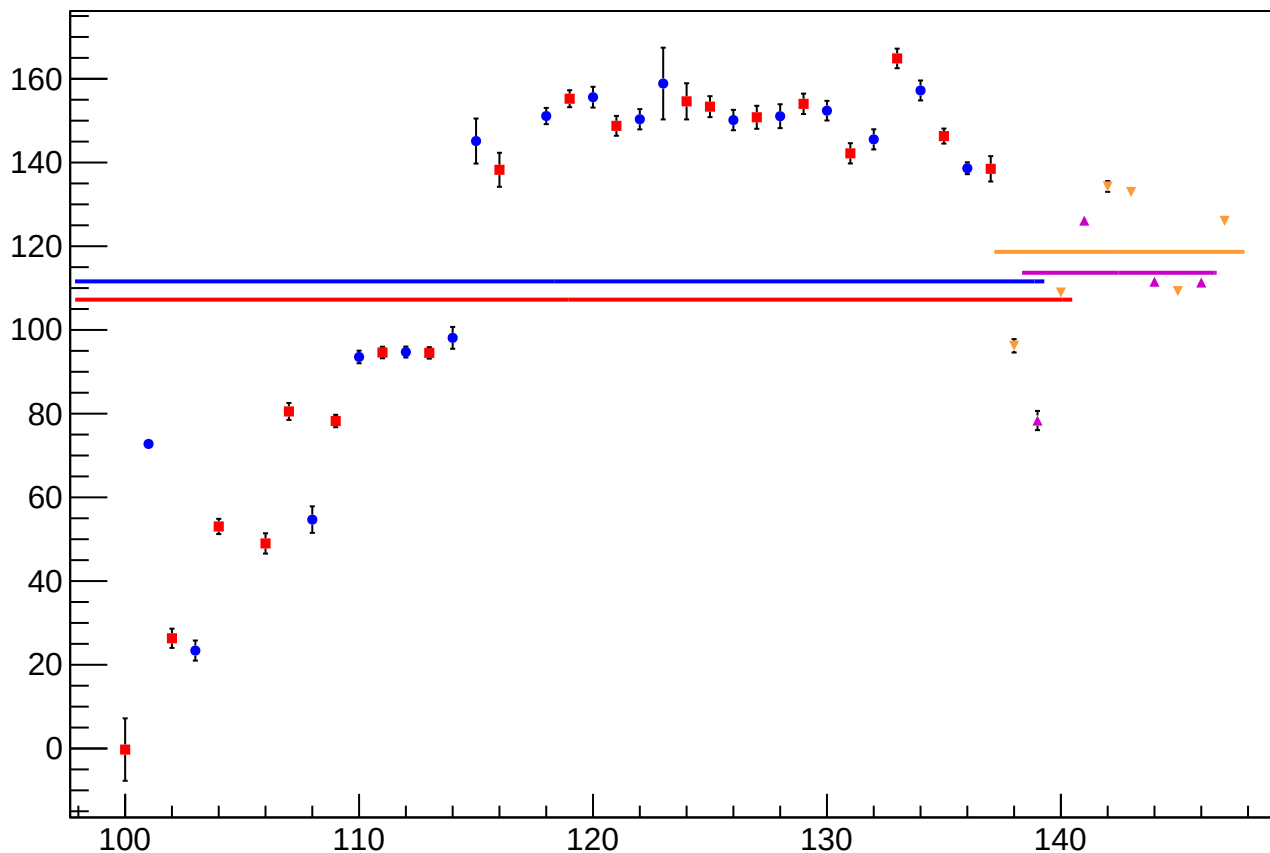
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -71.520 ± 0.445 χ^2/NDF : 2488.4/20

Out: -71.198 ± 0.414 χ^2/NDF : 2641.7/24

All: -71.347 ± 0.303 χ^2/NDF : 5130.4/45

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 118.659 $\pm$ 0.426 χ^2 /NDF: 798.3/5

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

Left In: 113.663 $\pm$ 0.476 χ^2 /NDF: 423.5/3

Left: 116.438 $\pm$ 0.317 χ^2 /NDF: 1283.1/9

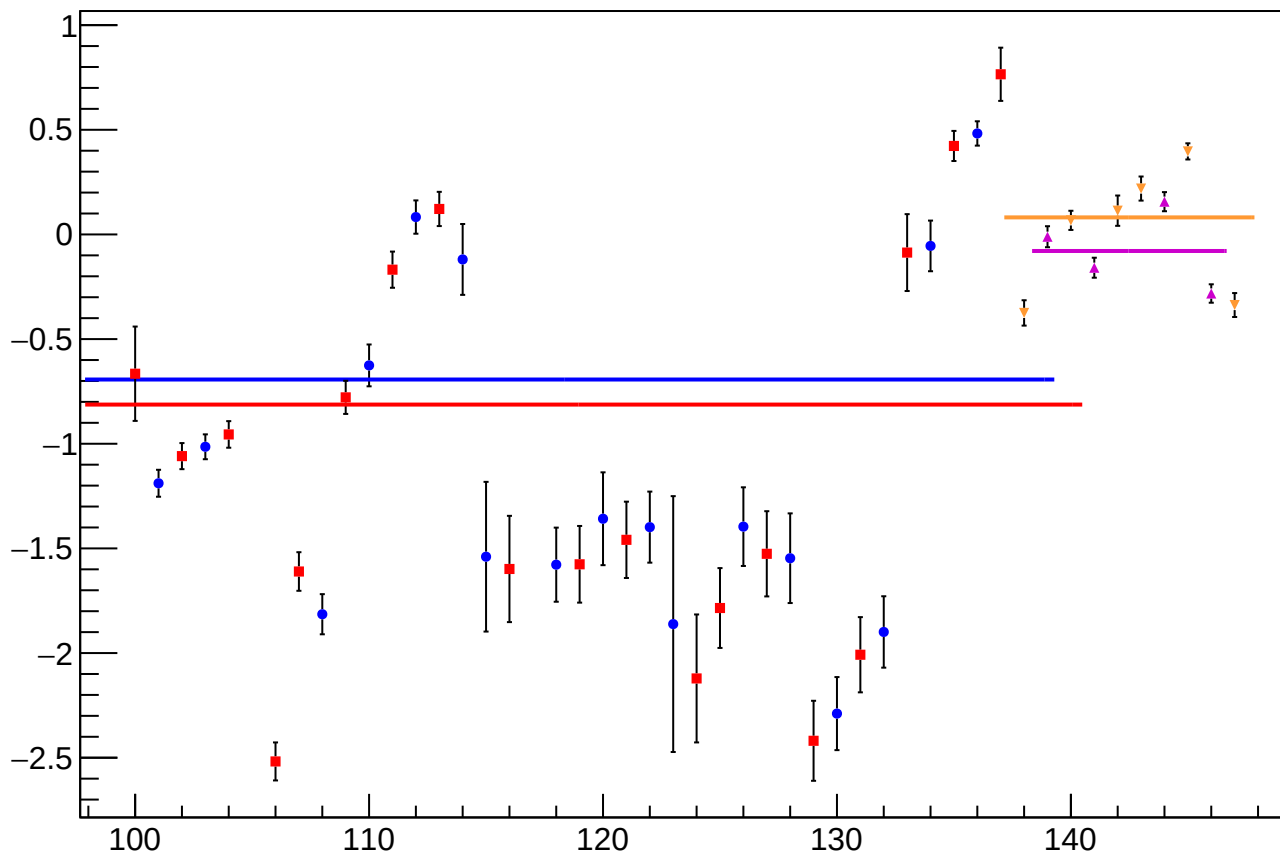
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 112.654 $\pm$ 0.340 χ^2 /NDF: 6392.2/20

Out: 113.723 $\pm$ 0.321 χ^2 /NDF: 8147.1/24

All: 113.220 $\pm$ 0.233 χ^2 /NDF: 14544.5/45

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: 0.081 ± 0.021 χ^2/NDF : 183.1/5

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: -0.079 ± 0.023 χ^2/NDF : 52.6/3

Left: 0.009 ± 0.016 χ^2/NDF : 261.5/9

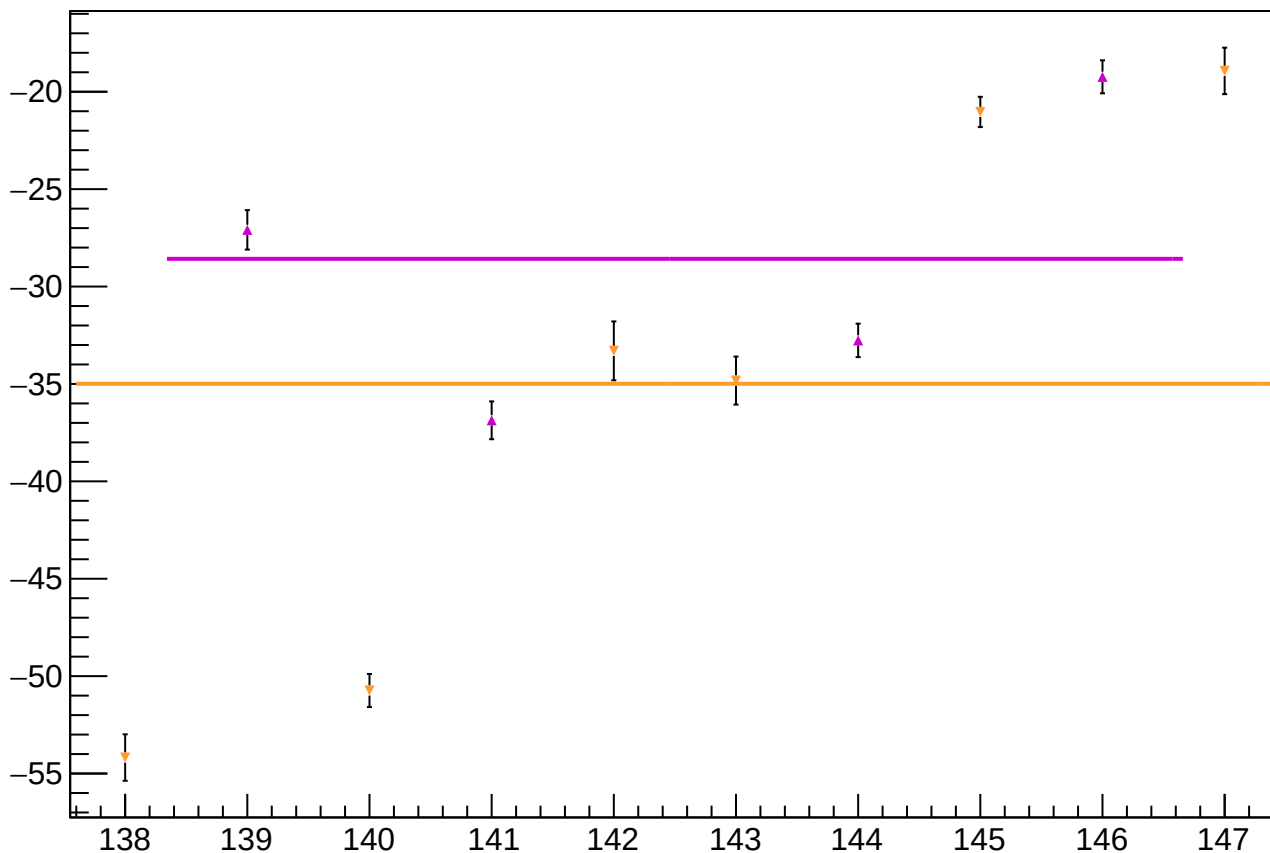
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.356 ± 0.017 χ^2/NDF : 1357.2/20

Out: -0.305 ± 0.016 χ^2/NDF : 2260.6/24

All: -0.328 ± 0.012 χ^2/NDF : 3622.5/45

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.991+/-0.425 χ^2/NDF :1107.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.577+/-0.457 χ^2/NDF :220.4/3

Left: -32.020+/-0.311 χ^2/NDF : 1433.1/9

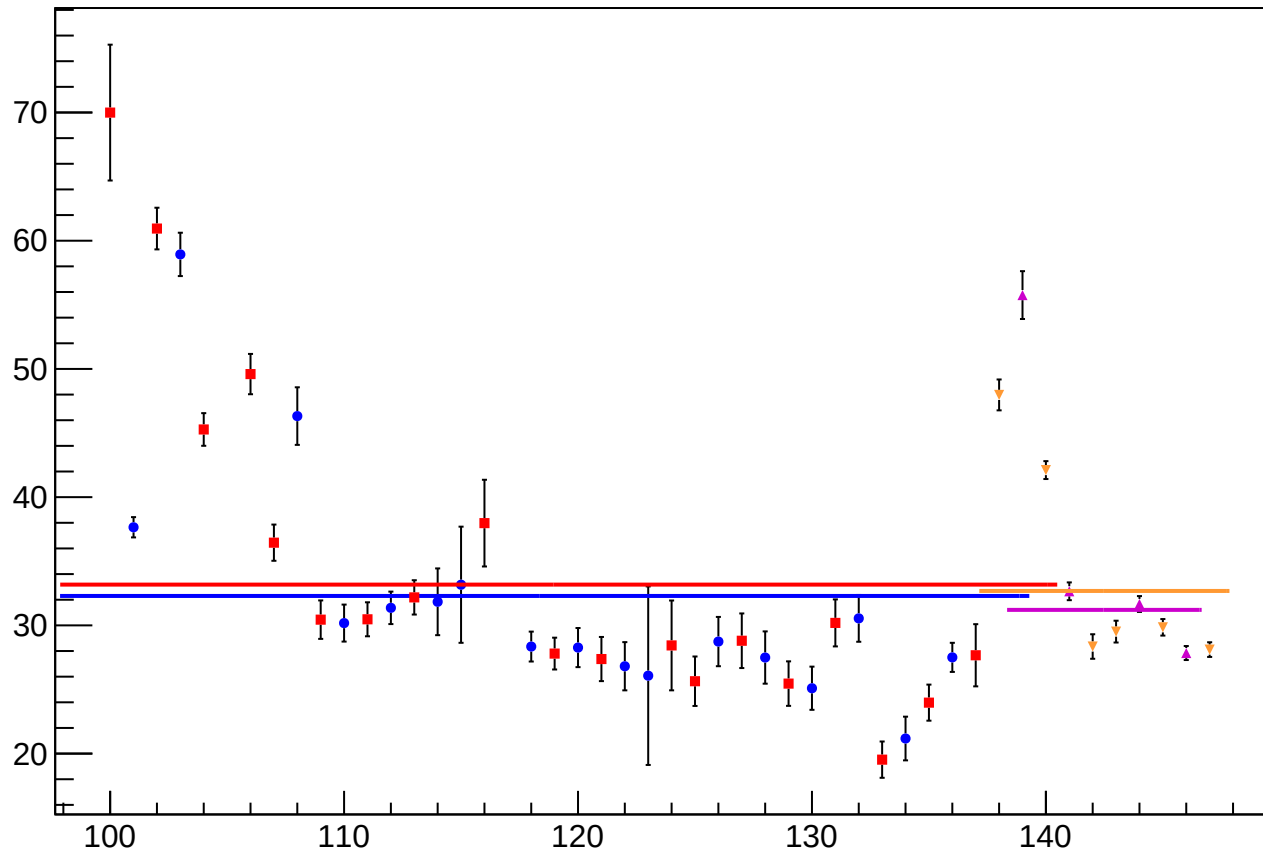
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.577+/-0.457 χ^2/NDF :220.4/3

Out: -34.991+/-0.425 χ^2/NDF :1107.1/5

All: -32.020+/-0.311 χ^2/NDF : 1433.1/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 32.685 $\pm$ 0.306 χ^2 /NDF:461.6/5

Right Out: 33.180 $\pm$ 0.379 χ^2 /NDF: 770.3/18

Left In: 31.209 $\pm$ 0.346 χ^2 /NDF:216.2/3

Left: 32.037 $\pm$ 0.229 χ^2 /NDF: 688.0/9

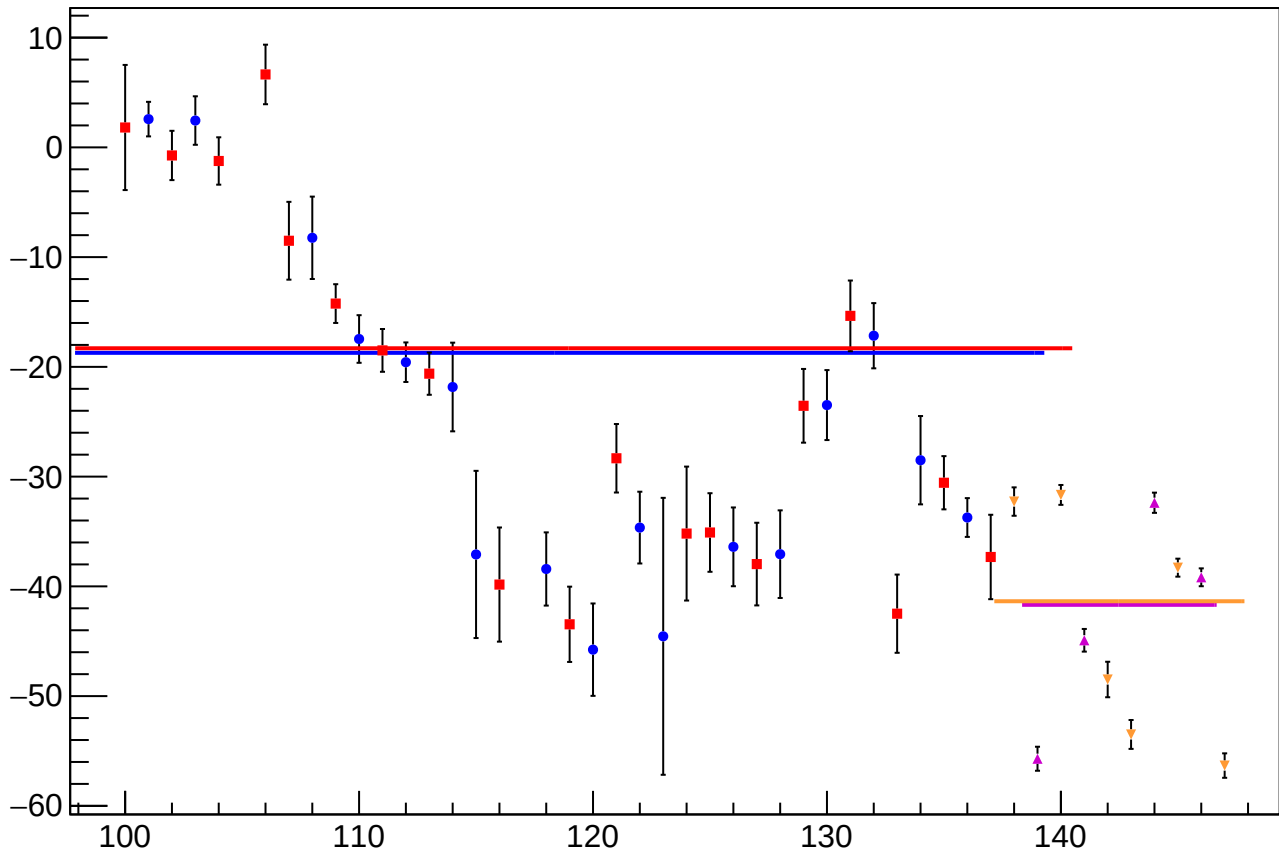
Right: 32.730 $\pm$ 0.266 χ^2 /NDF: 1225.3/35

In: 31.711 $\pm$ 0.254 χ^2 /NDF:673.0/20

Out: 32.880 $\pm$ 0.238 χ^2 /NDF:1232.9/24

All: 32.332 $\pm$ 0.174 χ^2 /NDF: 1917.1/45

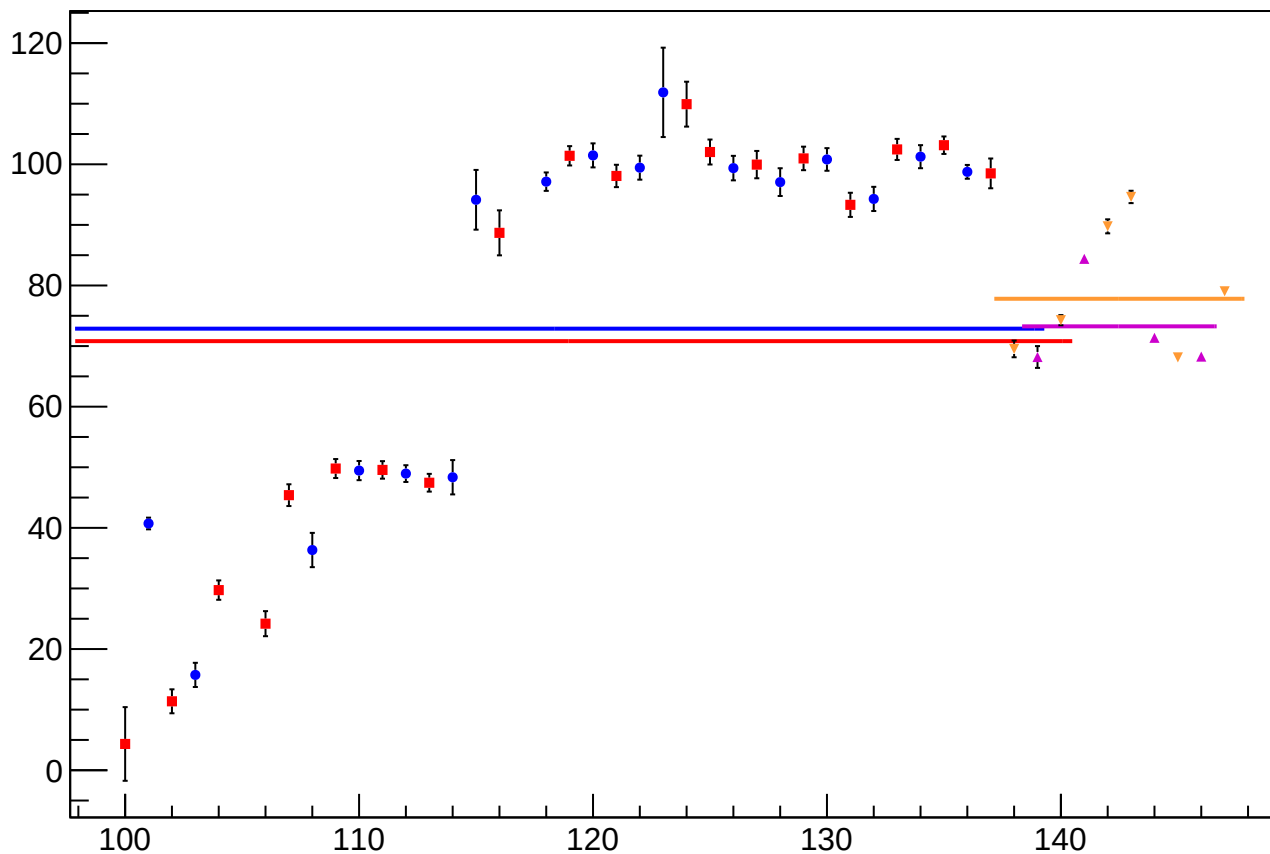
reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$
 Left Out: -41.356 ± 0.444 $\chi^2/\text{NDF}: 462.8/5$
 Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$
 Left In: -41.682 ± 0.473 $\chi^2/\text{NDF}: 285.6/3$

Left: -41.509 ± 0.324 $\chi^2/\text{NDF}: 748.7/9$
 Right: -18.506 ± 0.463 $\chi^2/\text{NDF}: 992.4/35$
 In: -33.964 ± 0.386 $\chi^2/\text{NDF}: 1595.7/20$
 Out: -33.920 ± 0.366 $\chi^2/\text{NDF}: 1804.5/24$
 All: -33.941 ± 0.265 $\chi^2/\text{NDF}: 3400.3/45$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2/NDF : 4737.9/16

Left Out: 77.809+/-0.375 χ^2/NDF : 605.3/5

Right Out: 70.815+/-0.433 χ^2/NDF : 5489.3/18

Left In: 73.257+/-0.414 χ^2/NDF : 248.3/3

Left: 75.759+/-0.278 χ^2/NDF : 919.9/9

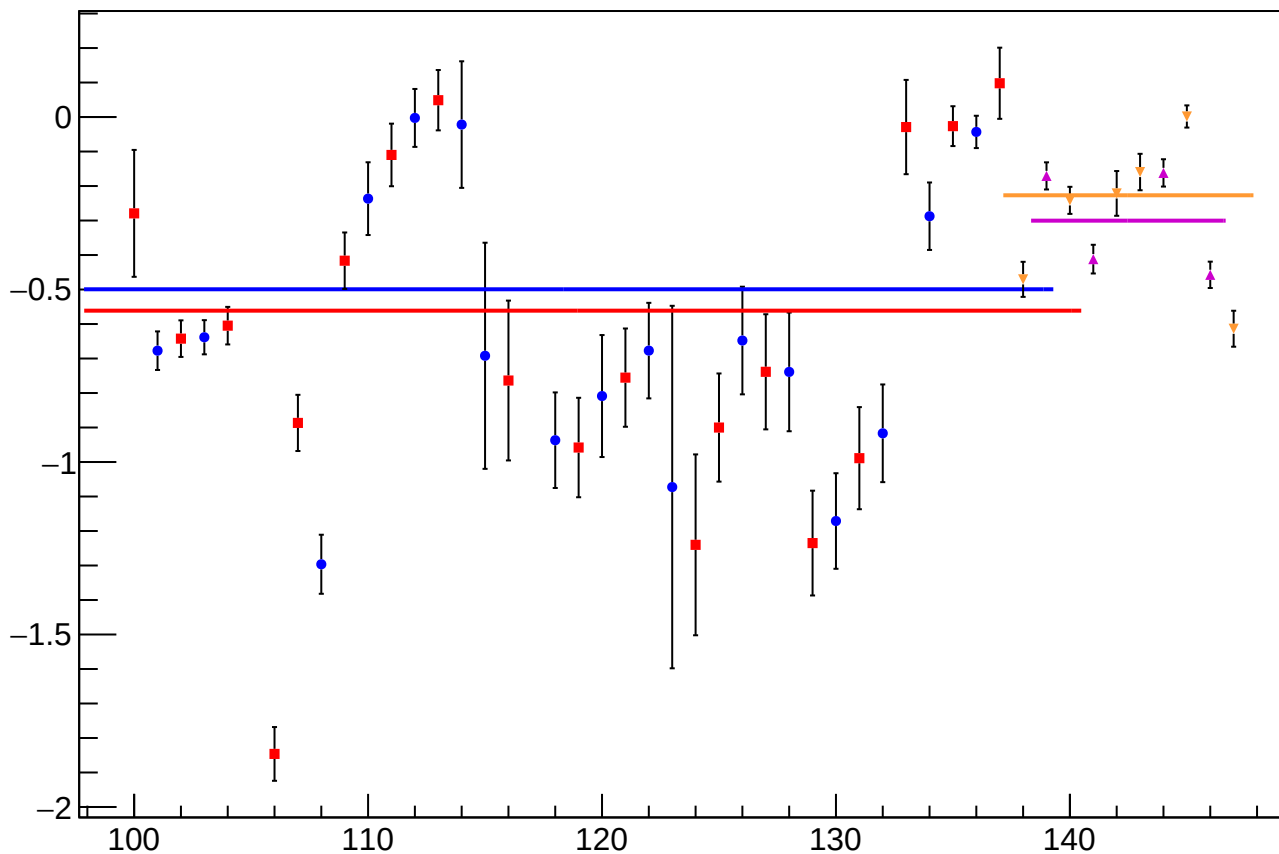
Right: 71.863+/-0.304 χ^2/NDF : 10238.7/35

In: 73.071+/-0.297 χ^2/NDF : 4986.6/20

Out: 74.813+/-0.284 χ^2/NDF : 6243.6/24

All: 73.982+/-0.205 χ^2/NDF : 11248.2/45

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.227 ± 0.018 χ^2/NDF : 130.2/5

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.300 ± 0.020 χ^2/NDF : 47.2/3

Left: -0.261 ± 0.013 χ^2/NDF : 184.8/9

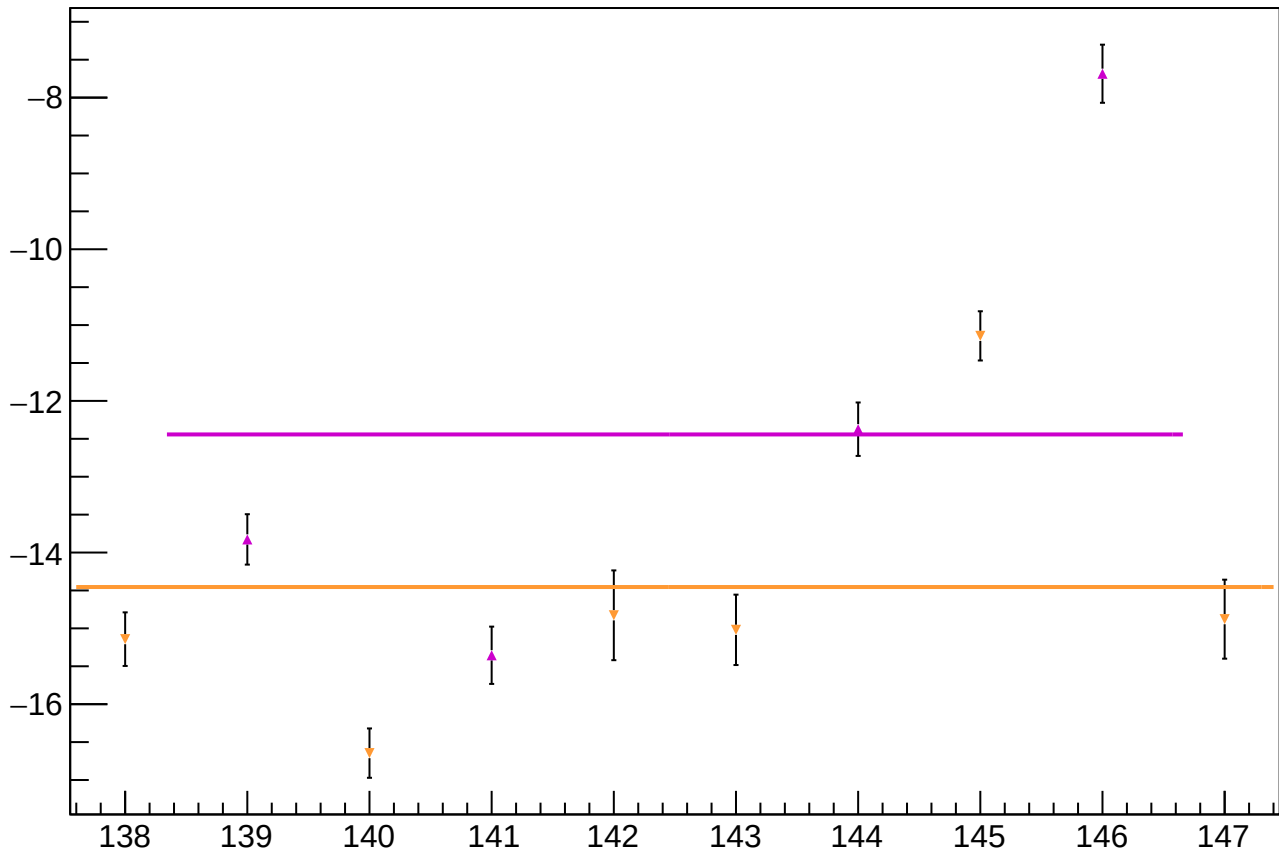
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.388 ± 0.015 χ^2/NDF : 395.1/20

Out: -0.369 ± 0.014 χ^2/NDF : 833.3/24

All: -0.378 ± 0.010 χ^2/NDF : 1229.4/45

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.455+/-0.162 χ^2/NDF :155.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.442+/-0.180 χ^2/NDF :230.9/3

Left: -13.553+/-0.120 χ^2/NDF : 455.7/9

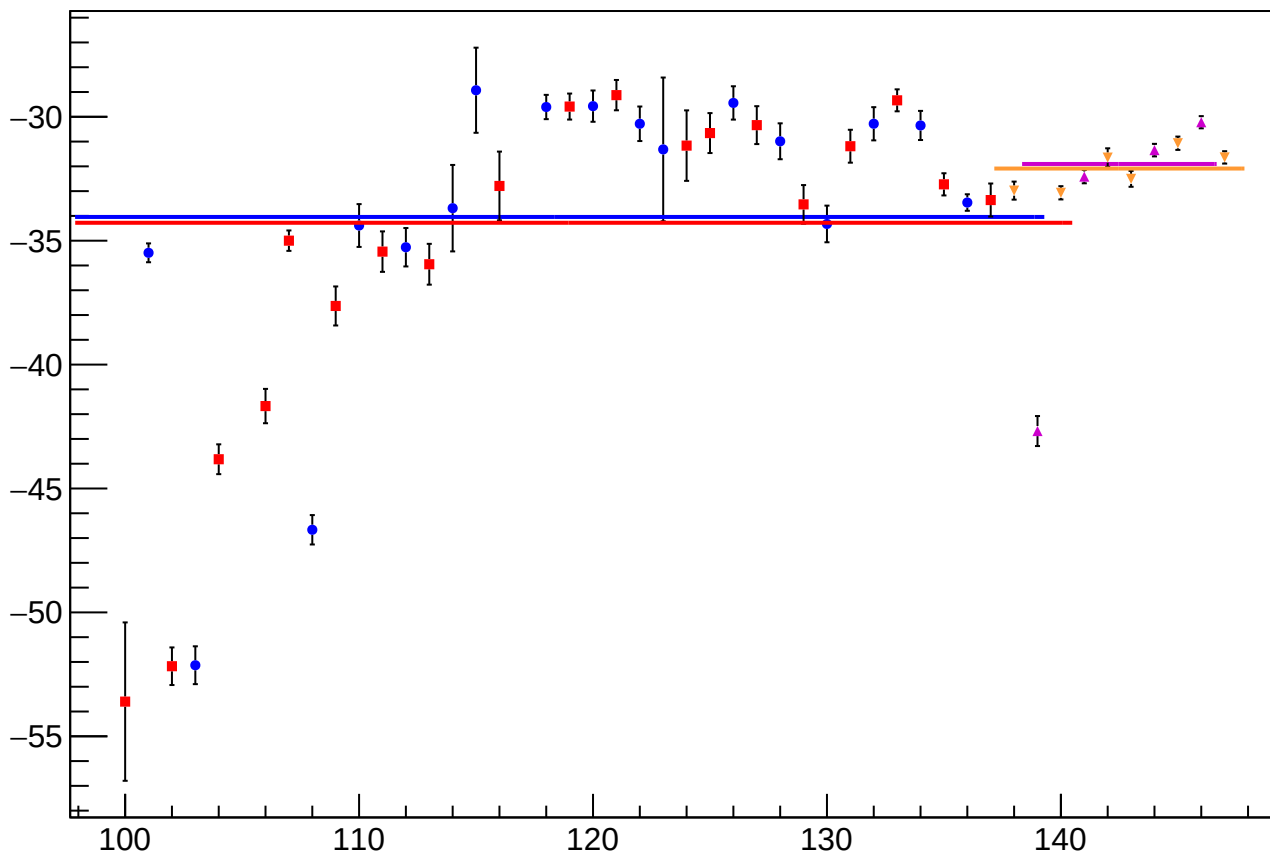
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.442+/-0.180 χ^2/NDF :230.9/3

Out: -14.455+/-0.162 χ^2/NDF :155.7/5

All: -13.553+/-0.120 χ^2/NDF : 455.7/9

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -32.088 ± 0.121 χ^2/NDF : 40.1/5

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

Left In: -31.904 ± 0.144 χ^2/NDF : 372.0/3

Left: -32.011 ± 0.093 χ^2/NDF : 413.1/9

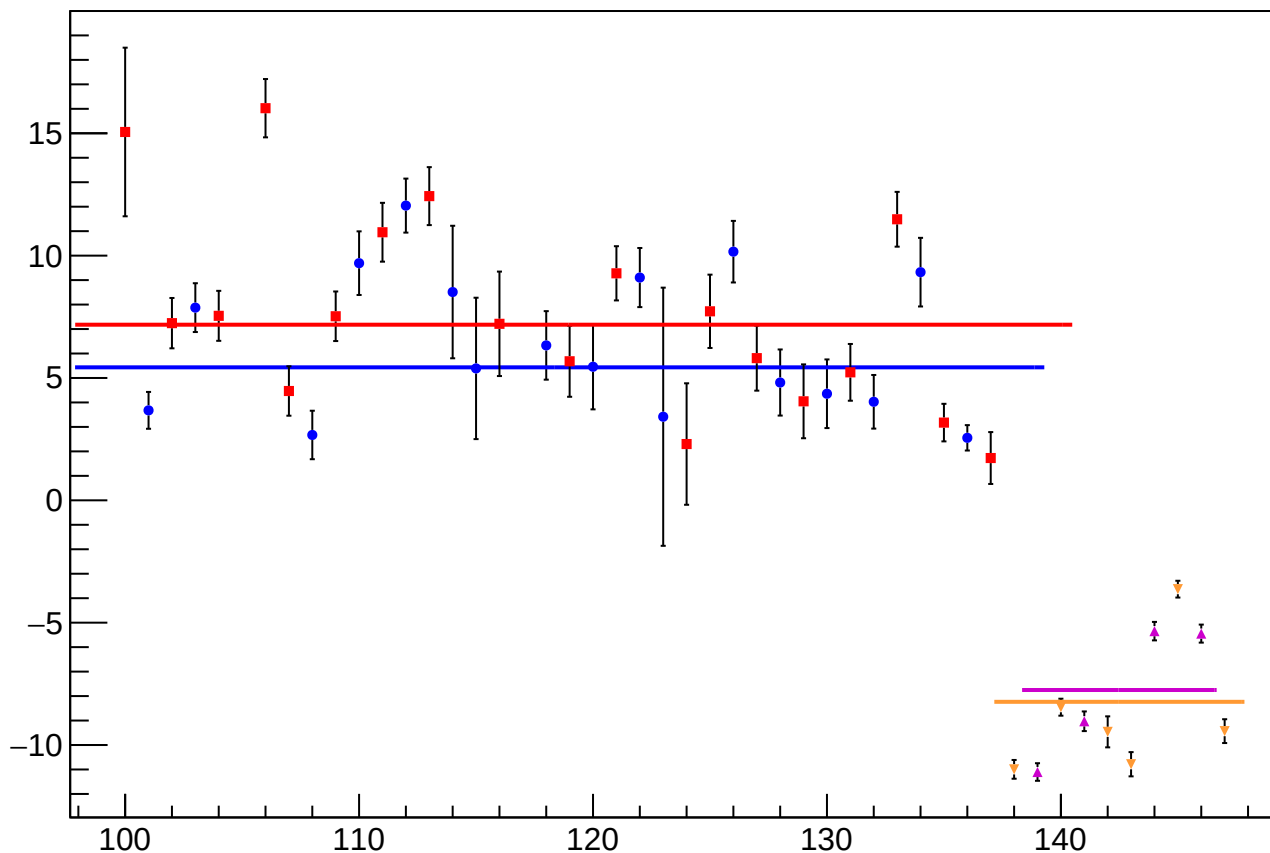
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -32.921 ± 0.104 χ^2/NDF : 1818.3/20

Out: -32.946 ± 0.094 χ^2/NDF : 1517.5/24

All: -32.935 ± 0.070 χ^2/NDF : 3335.8/45

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 $\chi^2/\text{NDF}: 132.0/16$

Left Out: -8.235 ± 0.170 $\chi^2/\text{NDF}: 268.7/5$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

Left In: -7.752 ± 0.188 $\chi^2/\text{NDF}: 176.9/3$

Left: -8.017 ± 0.126 $\chi^2/\text{NDF}: 449.2/9$

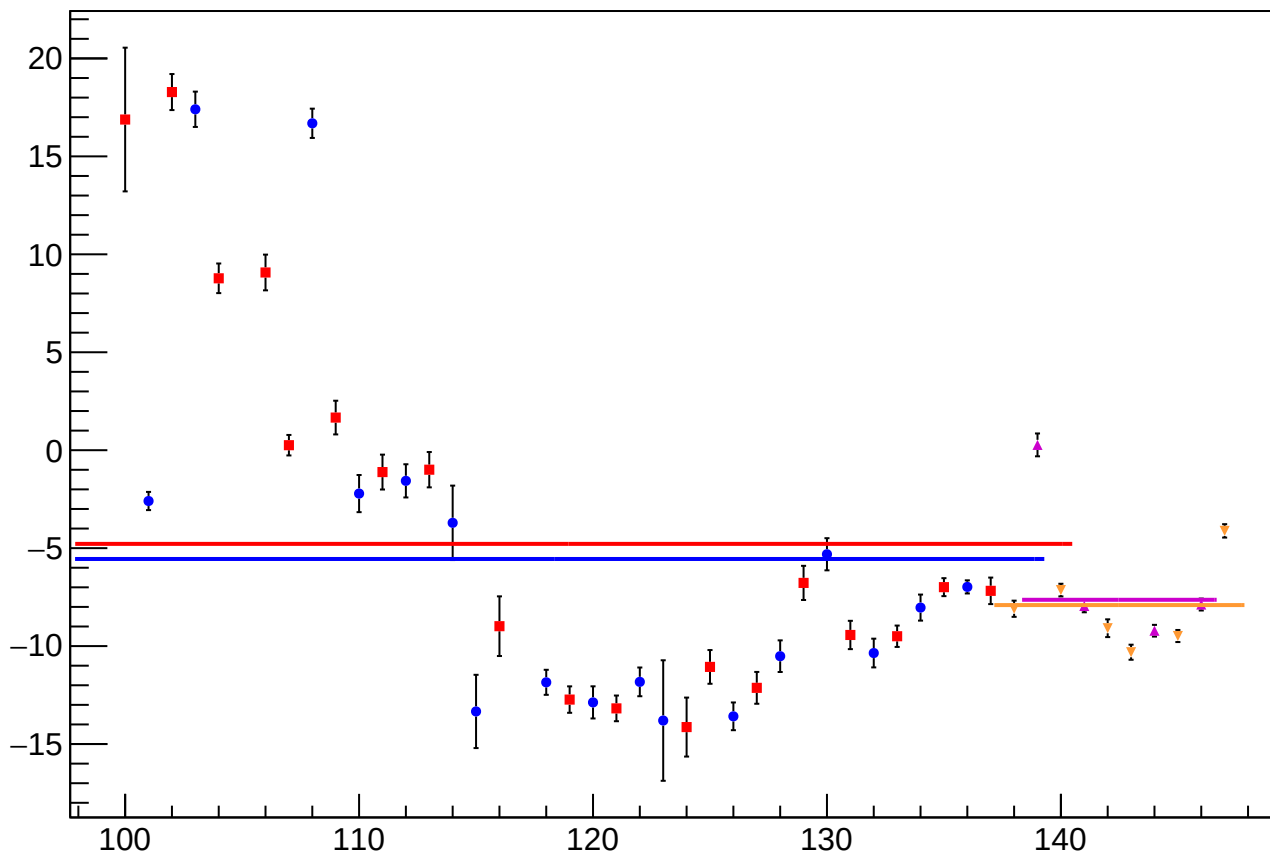
Right: 6.291 ± 0.192 $\chi^2/\text{NDF}: 335.1/35$

In: -3.441 ± 0.154 $\chi^2/\text{NDF}: 1919.6/20$

Out: -3.938 ± 0.145 $\chi^2/\text{NDF}: 2730.2/24$

All: -3.705 ± 0.106 $\chi^2/\text{NDF}: 4655.3/45$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.906 ± 0.147 χ^2/NDF : 200.7/5

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

Left In: -7.636 ± 0.171 χ^2/NDF : 213.1/3

Left: -7.791 ± 0.111 χ^2/NDF : 415.2/9

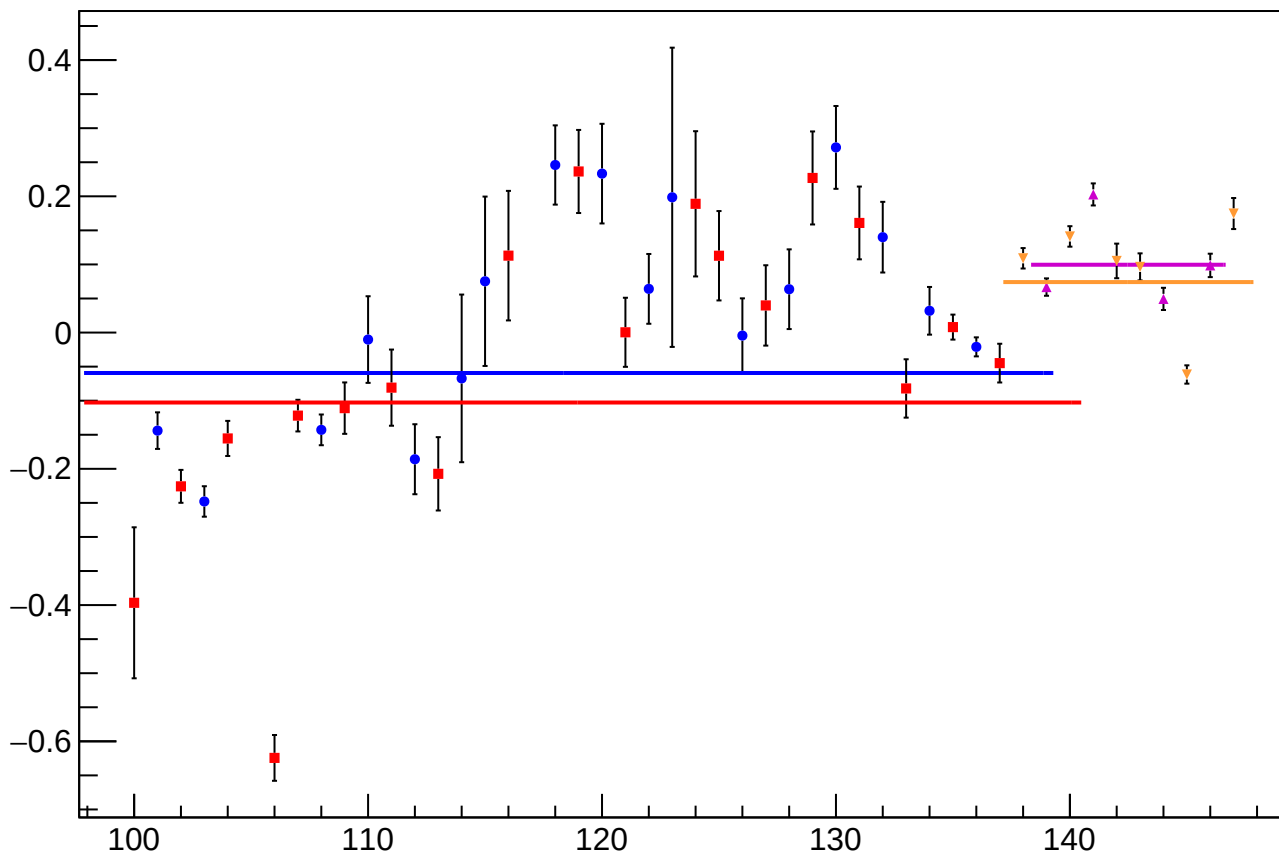
Right: -5.174 ± 0.121 χ^2/NDF : 4175.8/35

In: -6.591 ± 0.120 χ^2/NDF : 2413.3/20

Out: -6.593 ± 0.112 χ^2/NDF : 2430.5/24

All: -6.592 ± 0.082 χ^2/NDF : 4843.8/45

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.074 ± 0.007 χ^2/NDF : 149.3/5

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.100 ± 0.008 χ^2/NDF : 56.7/3

Left: 0.086 ± 0.005 χ^2/NDF : 212.1/9

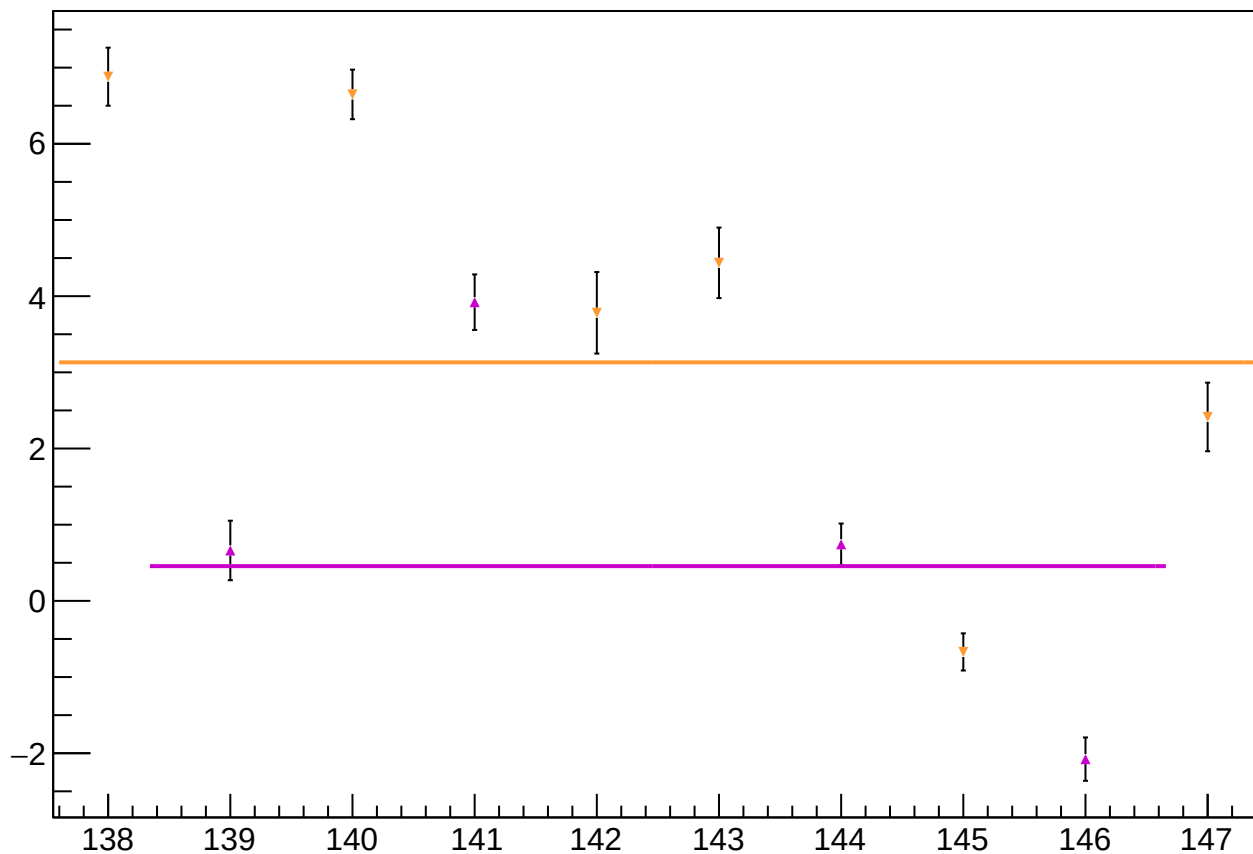
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.027 ± 0.006 χ^2/NDF : 470.2/20

Out: 0.002 ± 0.005 χ^2/NDF : 845.6/24

All: 0.014 ± 0.004 χ^2/NDF : 1326.6/45

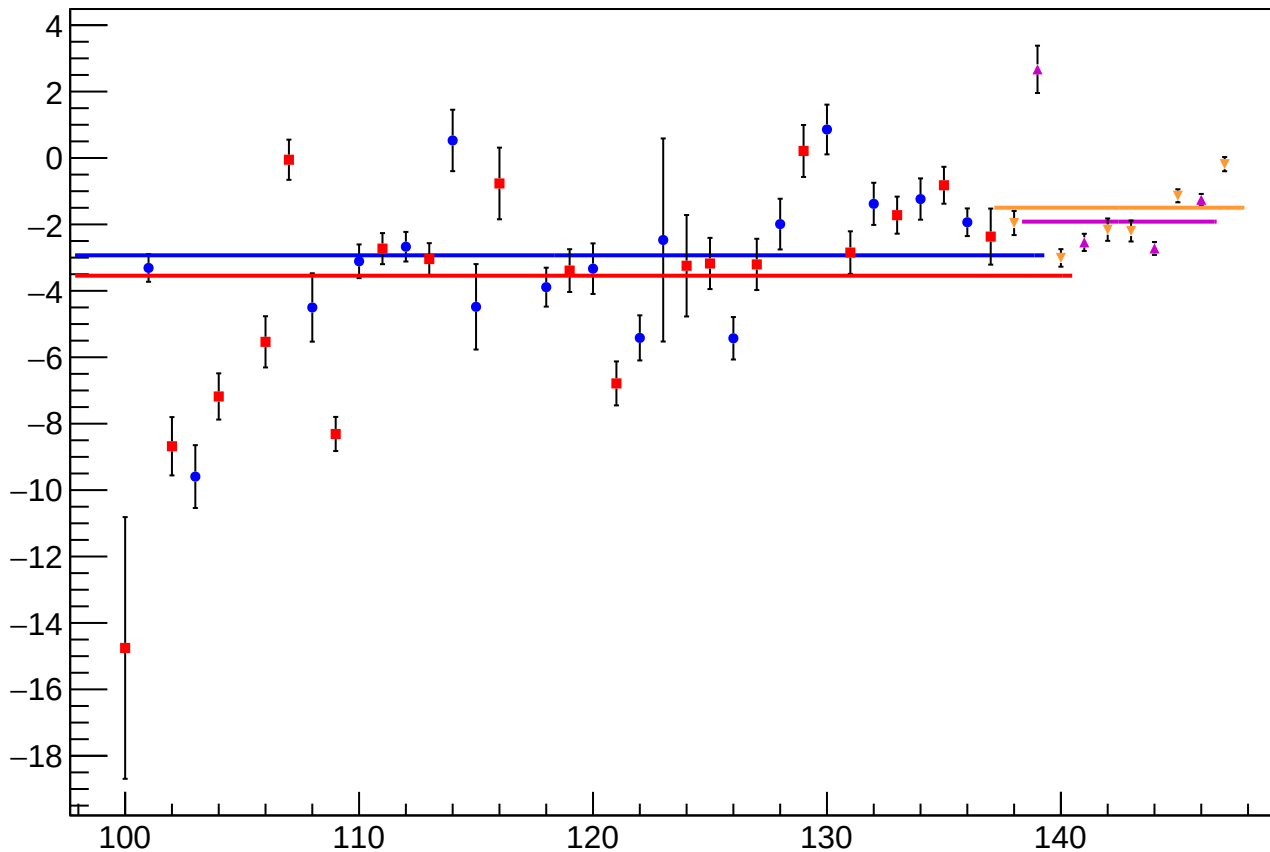
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.131 $\pm$ 0.147 χ^2 /NDF:468.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3

Left: 1.891 $\pm$ 0.108 χ^2 /NDF: 793.1/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3
 Out: 3.131 $\pm$ 0.147 χ^2 /NDF:468.7/5
 All: 1.891 $\pm$ 0.108 χ^2 /NDF: 793.1/9

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.496 ± 0.106 χ^2/NDF : 84.2/5

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: -1.916 ± 0.115 χ^2/NDF : 78.7/3

Left: -1.691 ± 0.078 χ^2/NDF : 170.1/9

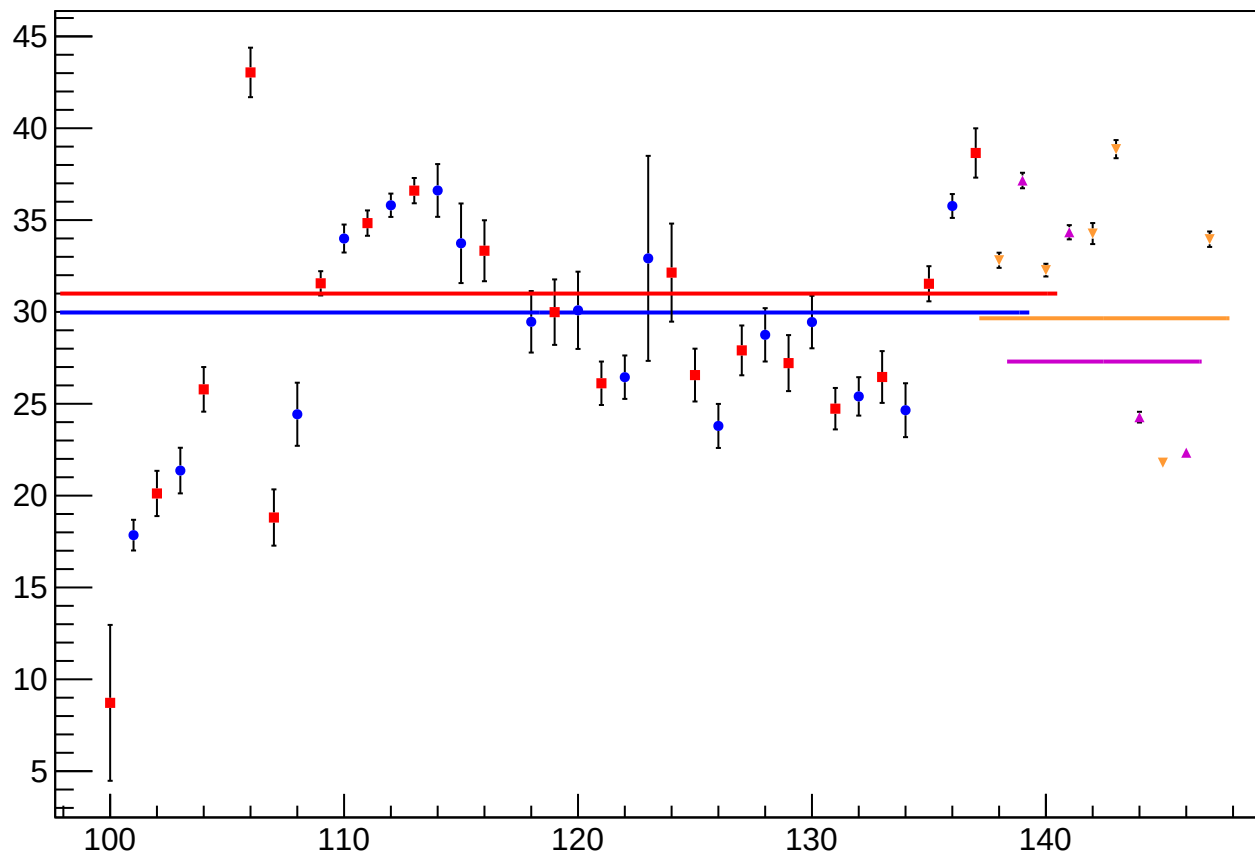
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -2.278 ± 0.092 χ^2/NDF : 253.2/20

Out: -2.154 ± 0.088 χ^2/NDF : 494.9/24

All: -2.213 ± 0.063 χ^2/NDF : 749.1/45

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF : 554.3/16

Left Out: 29.654+/-0.155 χ^2/NDF : 1549.2/5

Right Out: 31.000+/-0.260 χ^2/NDF : 479.5/18

Left In: 27.298+/-0.163 χ^2/NDF : 1312.7/3

Left: 28.542+/-0.112 χ^2/NDF : 2971.5/9

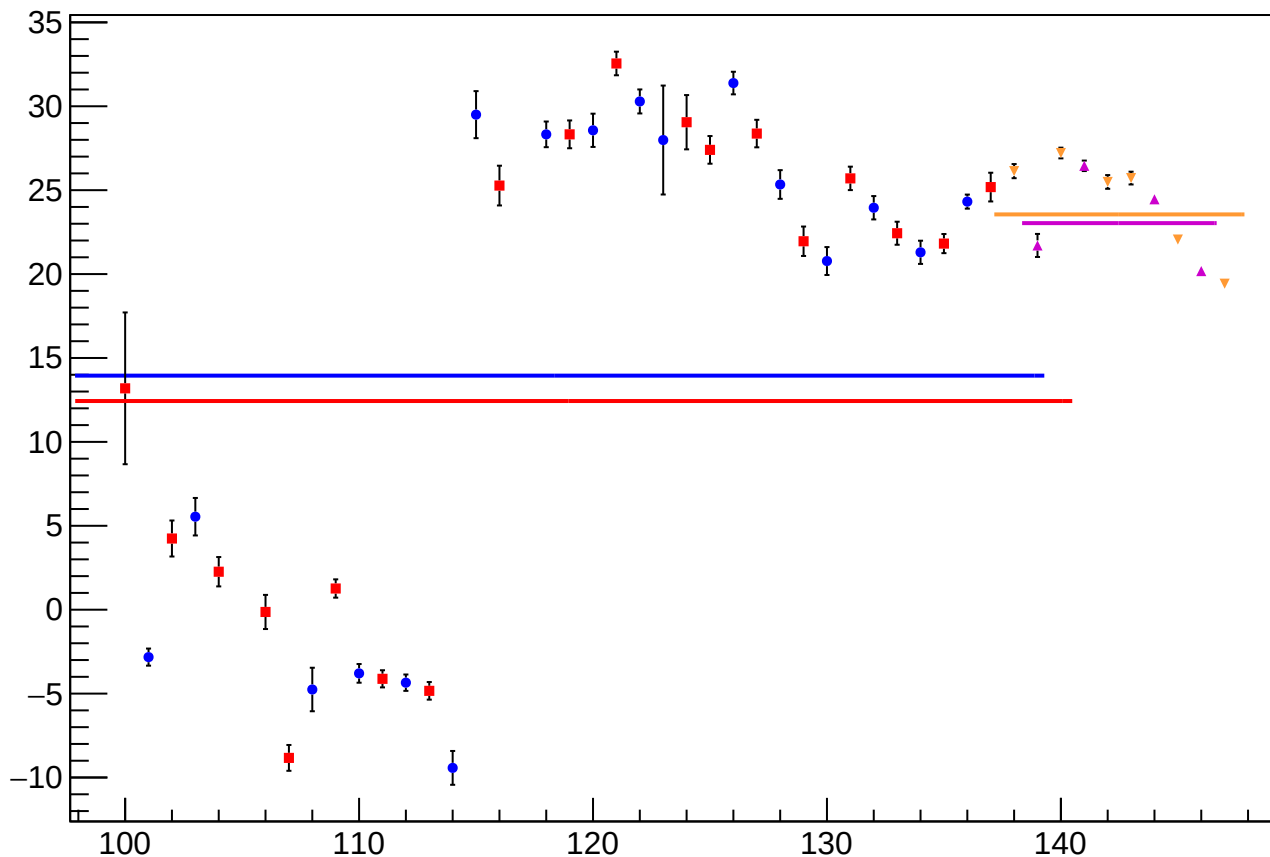
Right: 30.497+/-0.186 χ^2/NDF : 1041.5/35

In: 28.028+/-0.139 χ^2/NDF : 1939.9/20

Out: 30.006+/-0.133 χ^2/NDF : 2048.5/24

All: 29.064+/-0.096 χ^2/NDF : 4093.9/45

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 23.556 $\pm$ 0.130 χ^2 /NDF:463.4/5

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 23.036 $\pm$ 0.139 χ^2 /NDF:330.4/3

Left: 23.313 $\pm$ 0.095 χ^2 /NDF: 801.3/9

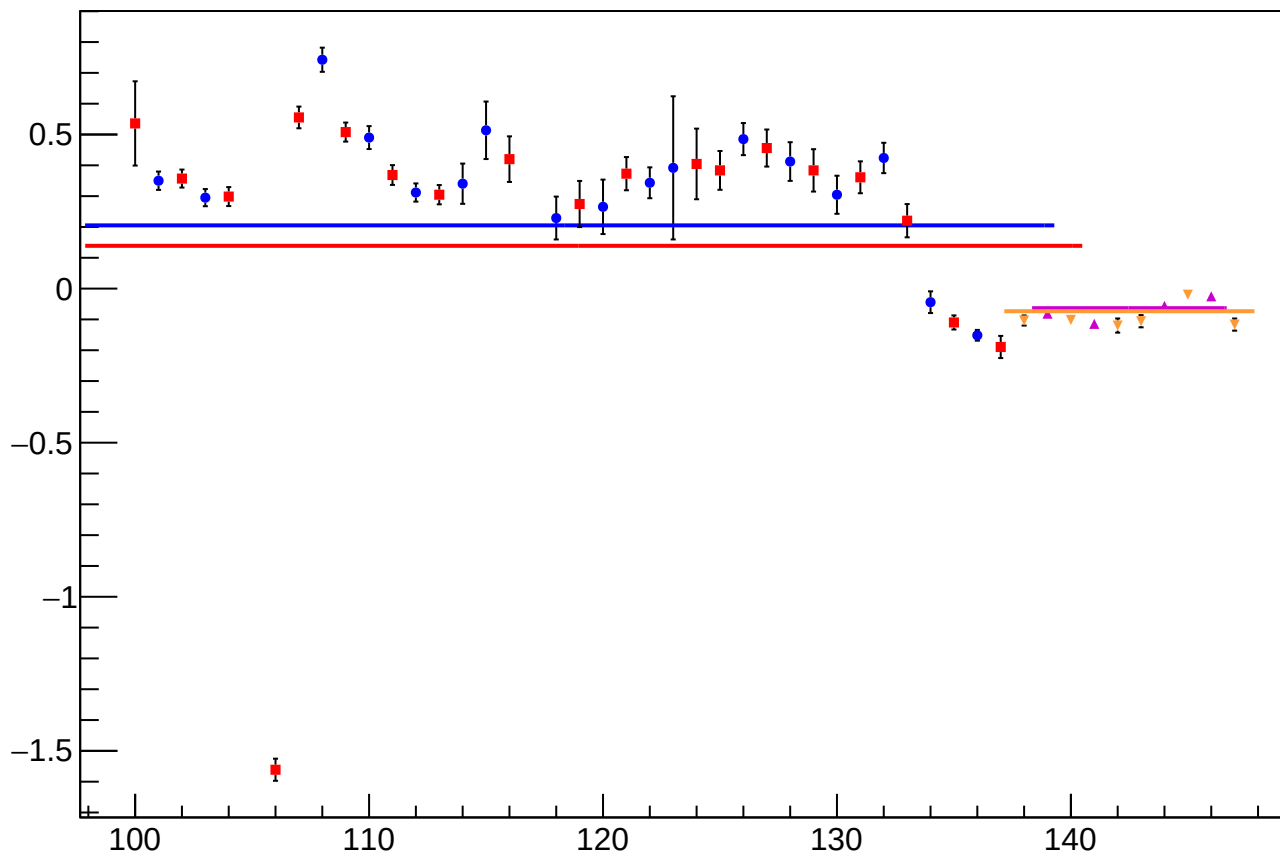
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 19.450 $\pm$ 0.108 χ^2 /NDF:9413.3/20

Out: 19.567 $\pm$ 0.104 χ^2 /NDF:10055.6/24

All: 19.511 $\pm$ 0.075 χ^2 /NDF: 19469.5/45

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.073 $\pm$ 0.006 χ^2 /NDF:46.2/5

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

Left In: -0.064 $\pm$ 0.007 χ^2 /NDF:21.5/3

Left: -0.069 $\pm$ 0.005 χ^2 /NDF: 68.8/9

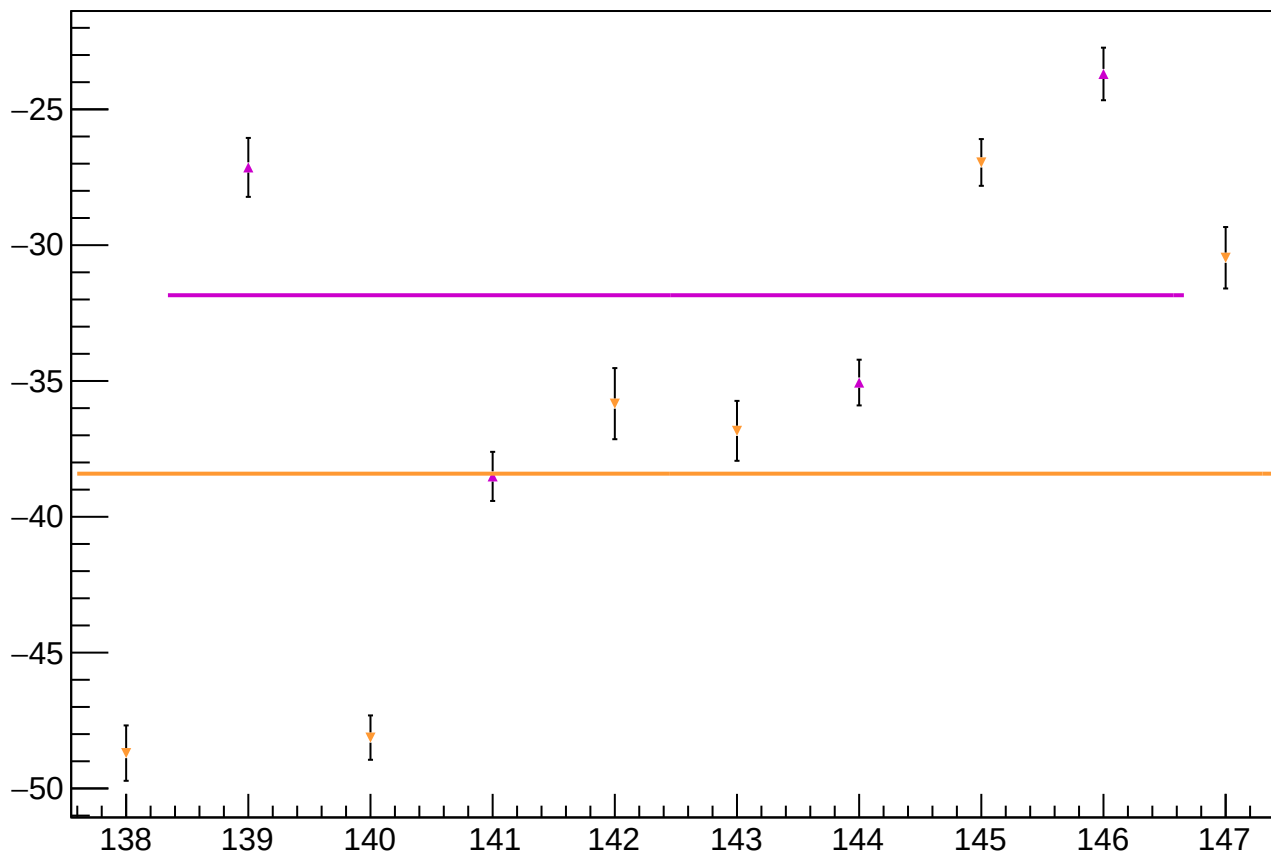
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.031 $\pm$ 0.006 χ^2 /NDF:1402.1/20

Out: -0.005 $\pm$ 0.005 χ^2 /NDF:3423.4/24

All: 0.012 $\pm$ 0.004 χ^2 /NDF: 4847.4/45

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.412+/-0.408 χ^2/NDF : 476.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.843+/-0.469 χ^2/NDF : 158.7/3

Left: -35.578+/-0.308 χ^2/NDF : 746.4/9

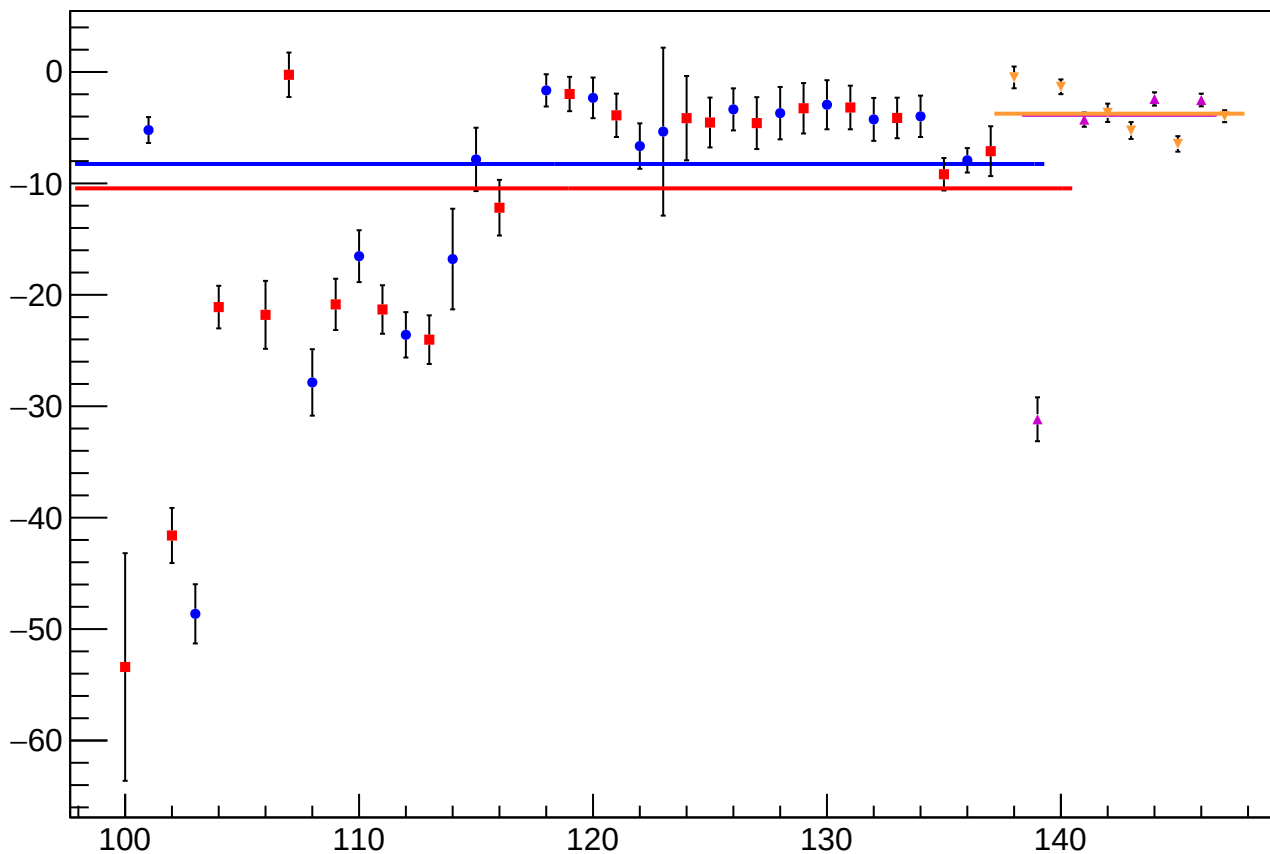
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.843+/-0.469 χ^2/NDF : 158.7/3

Out: -38.412+/-0.408 χ^2/NDF : 476.0/5

All: -35.578+/-0.308 χ^2/NDF : 746.4/9

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.743 ± 0.287 χ^2/NDF : 43.8/5

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

Left In: -3.843 ± 0.341 χ^2/NDF : 203.9/3

Left: -3.784 ± 0.220 χ^2/NDF : 247.8/9

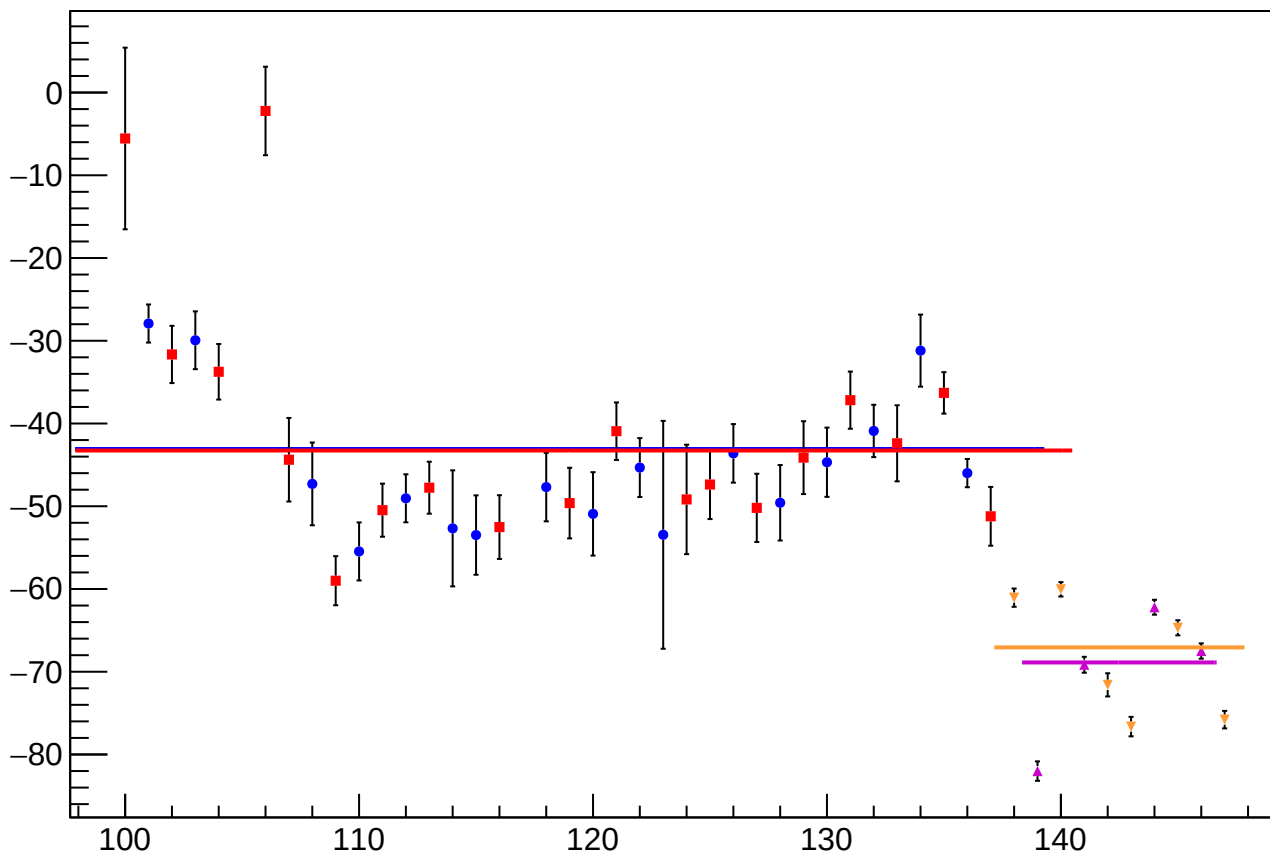
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -5.401 ± 0.275 χ^2/NDF : 675.0/20

Out: -5.452 ± 0.248 χ^2/NDF : 611.0/24

All: -5.429 ± 0.184 χ^2/NDF : 1286.0/45

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -67.057 ± 0.428 $\chi^2/\text{NDF}: 246.4/5$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -68.877 ± 0.488 $\chi^2/\text{NDF}: 182.4/3$

Left: -67.848 ± 0.322 $\chi^2/\text{NDF}: 436.7/9$

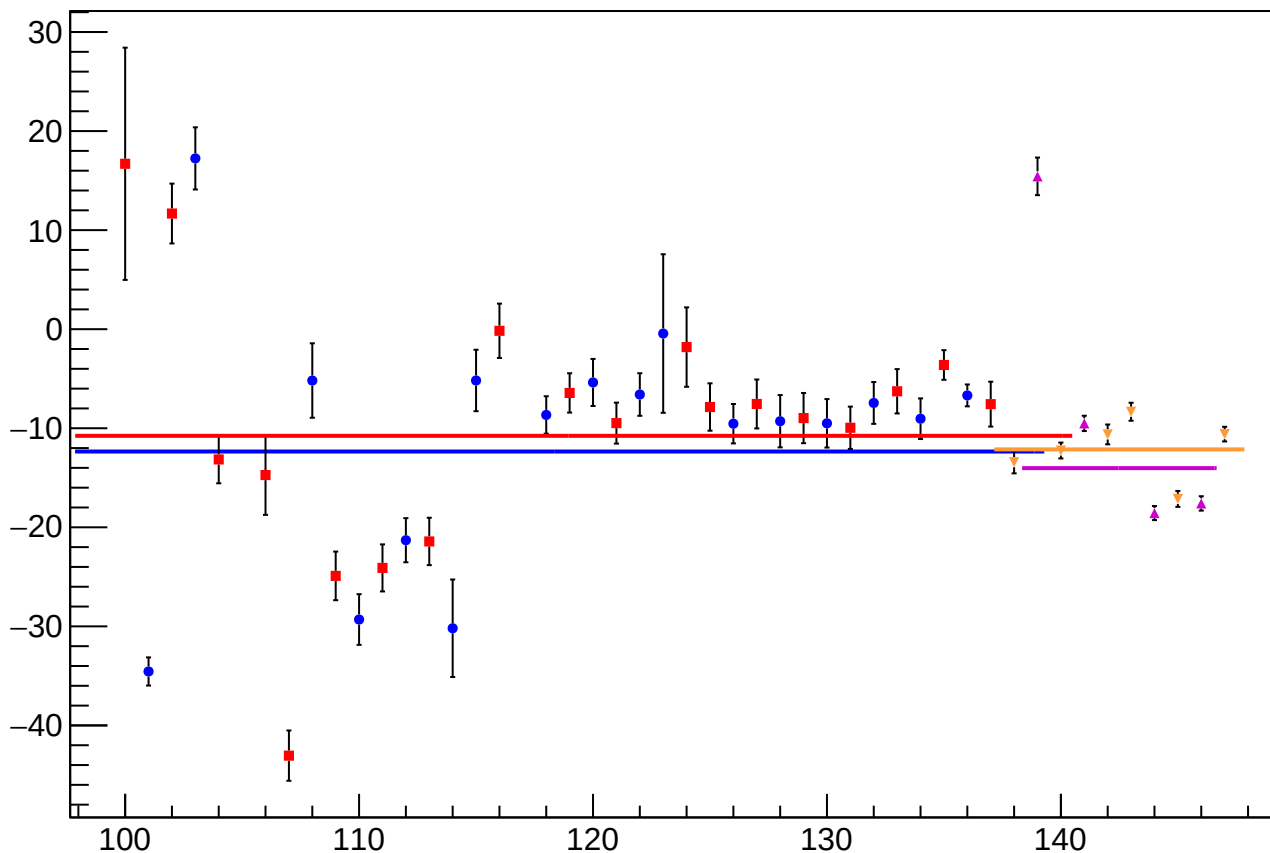
Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$

In: -62.310 ± 0.421 $\chi^2/\text{NDF}: 994.2/20$

Out: -62.394 ± 0.384 $\chi^2/\text{NDF}: 1007.0/24$

All: -62.356 ± 0.284 $\chi^2/\text{NDF}: 2001.3/45$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -12.136 ± 0.355 χ^2/NDF : 64.2/5

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: -14.026 ± 0.414 χ^2/NDF : 339.7/3

Left: -12.937 ± 0.270 χ^2/NDF : 415.9/9

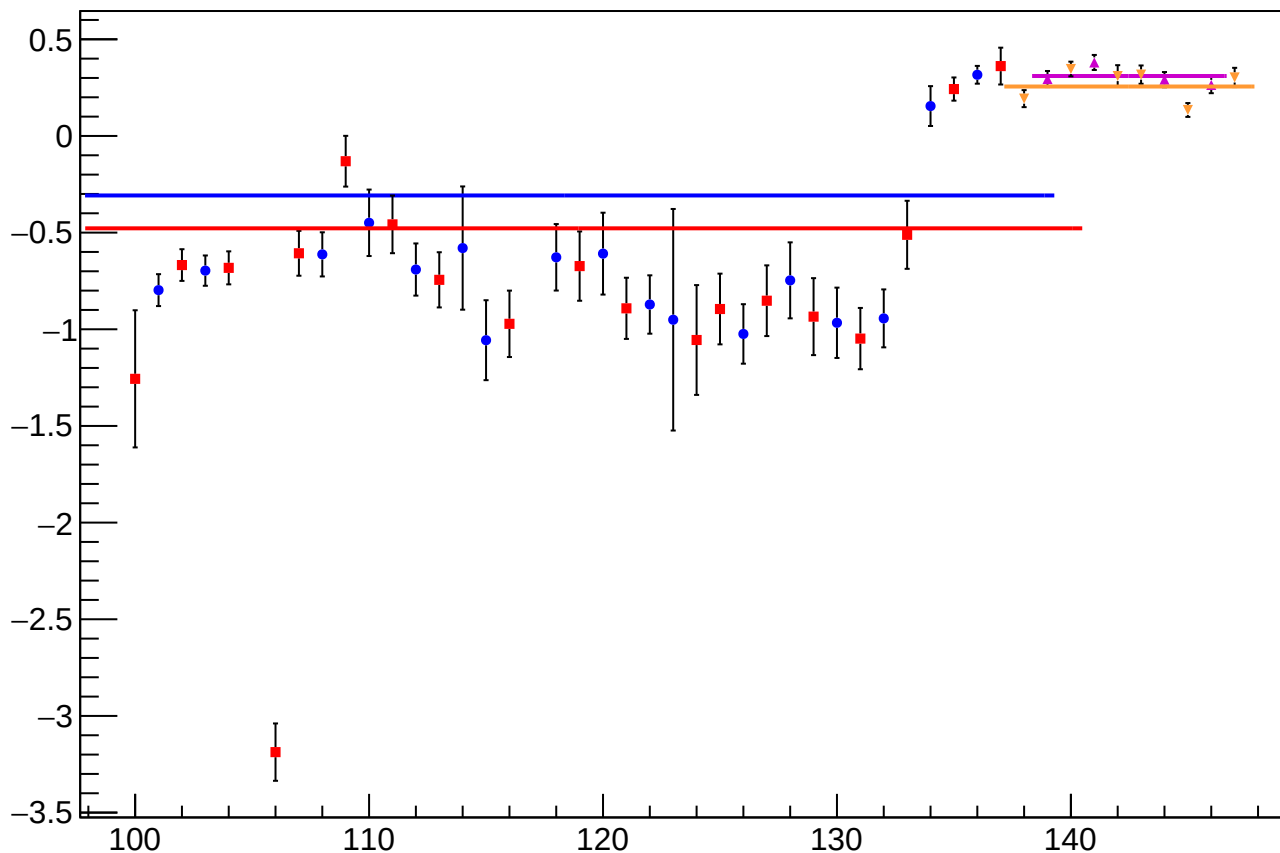
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -13.374 ± 0.324 χ^2/NDF : 822.0/20

Out: -11.737 ± 0.299 χ^2/NDF : 435.2/24

All: -12.489 ± 0.220 χ^2/NDF : 1271.0/45

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.256 ± 0.018 χ^2/NDF : 22.7/5

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.310 ± 0.020 χ^2/NDF : 4.8/3

Left: 0.279 ± 0.013 χ^2/NDF : 31.5/9

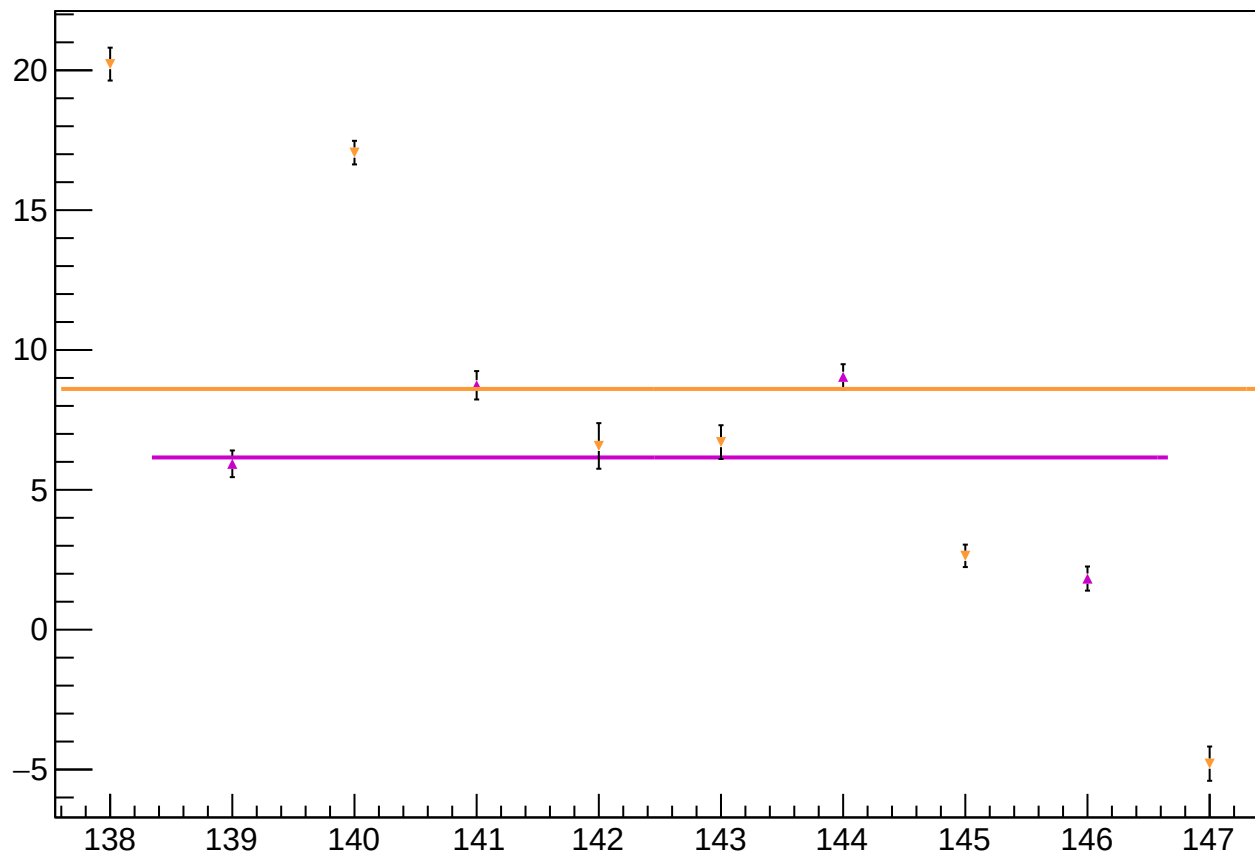
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.093 ± 0.016 χ^2/NDF : 704.1/20

Out: 0.050 ± 0.015 χ^2/NDF : 1129.7/24

All: 0.070 ± 0.011 χ^2/NDF : 1837.5/45

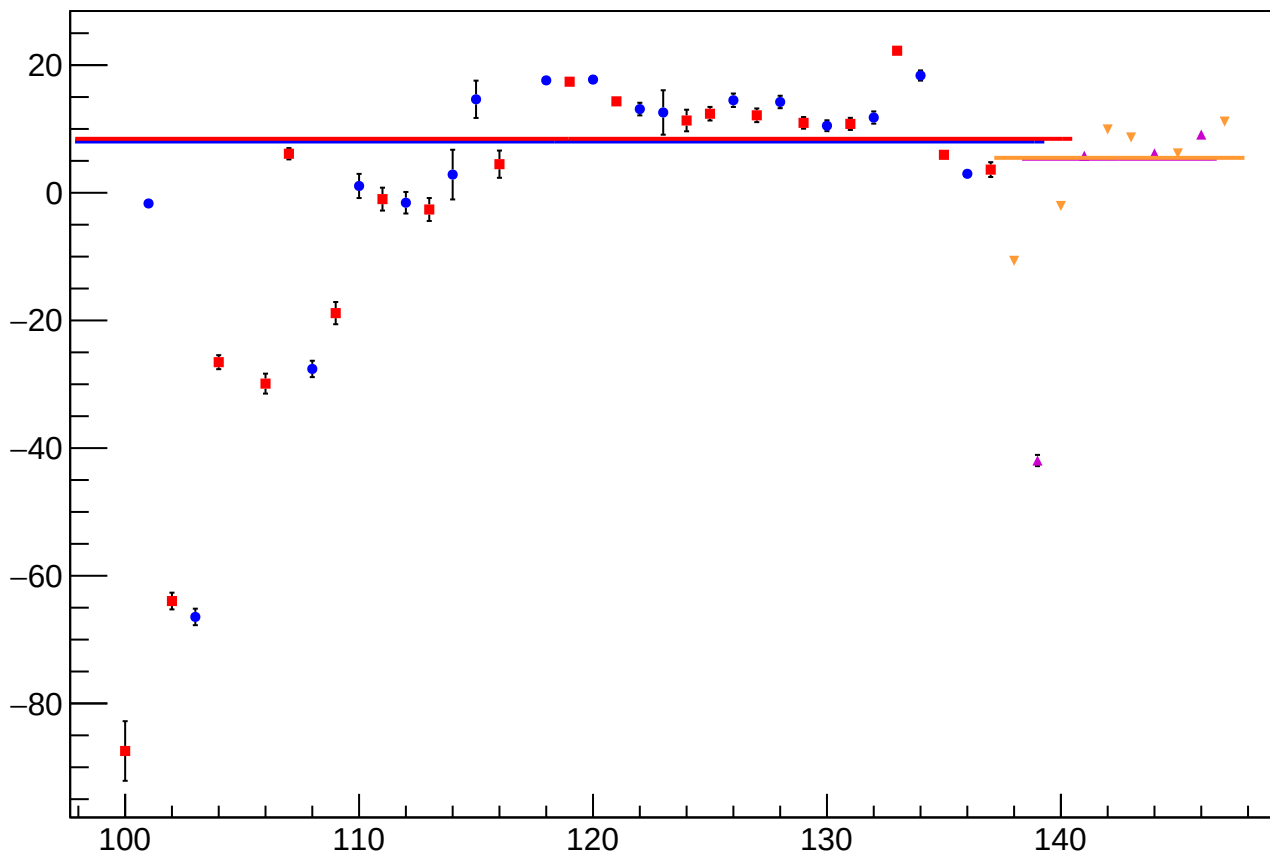
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.607+/-0.215 χ^2/NDF :1506.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.157+/-0.232 χ^2/NDF :168.1/3

Left: 7.475+/-0.158 χ^2/NDF : 1735.0/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.157+/-0.232 χ^2/NDF :168.1/3
 Out: 8.607+/-0.215 χ^2/NDF :1506.9/5
 All: 7.475+/-0.158 χ^2/NDF : 1735.0/9

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 5.475 ± 0.156 χ^2/NDF : 1706.1/5

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

Left In: 5.335 ± 0.178 χ^2/NDF : 3085.0/3

Left: 5.414 ± 0.117 χ^2/NDF : 4791.4/9

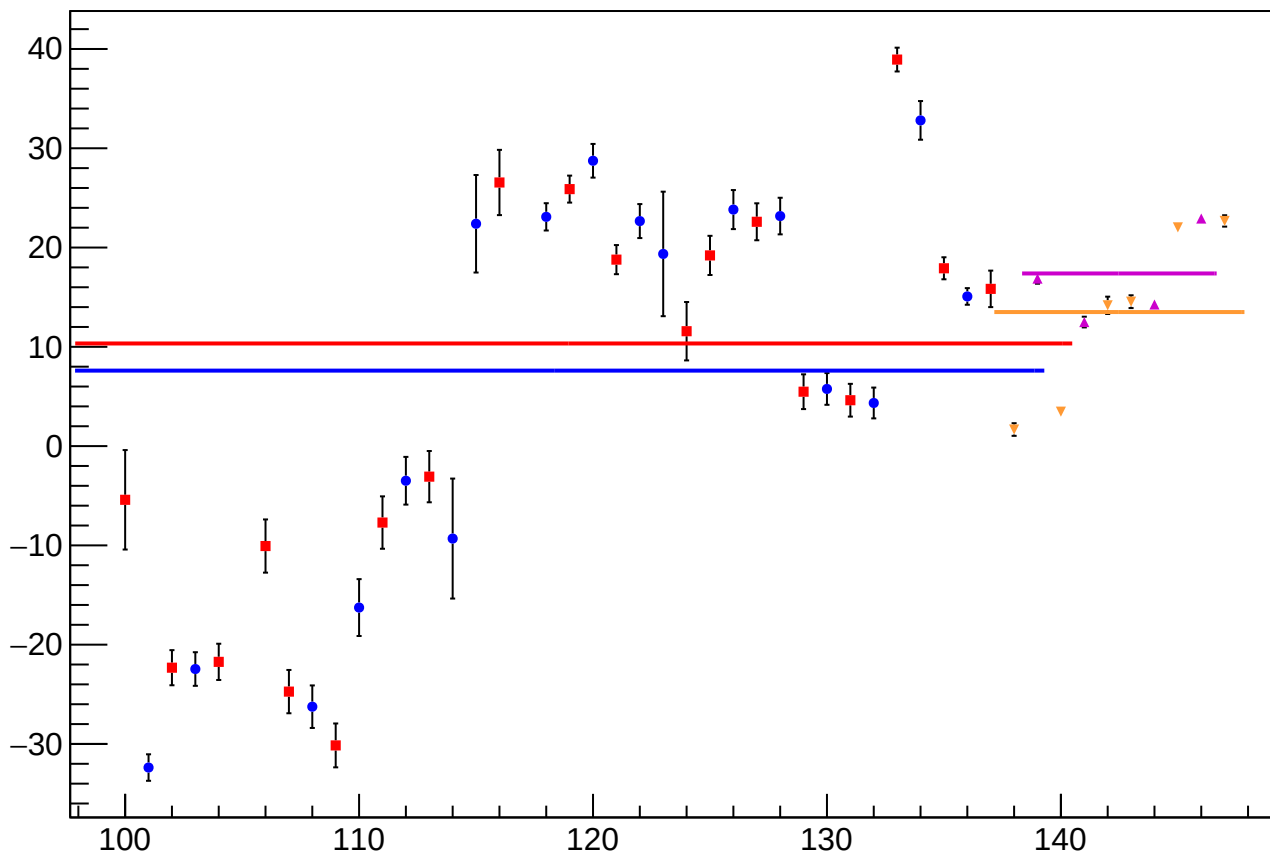
Right: 8.247 ± 0.151 χ^2/NDF : 12075.7/35

In: 6.433 ± 0.137 χ^2/NDF : 8547.9/20

Out: 6.510 ± 0.126 χ^2/NDF : 8537.8/24

All: 6.475 ± 0.093 χ^2/NDF : 17085.9/45

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 $\chi^2/\text{NDF}: 2325.0/16$

Left Out: 13.503 ± 0.225 $\chi^2/\text{NDF}: 1506.7/5$

Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$

Left In: 17.390 ± 0.240 $\chi^2/\text{NDF}: 303.6/3$

Left: 15.321 ± 0.164 $\chi^2/\text{NDF}: 1949.7/9$

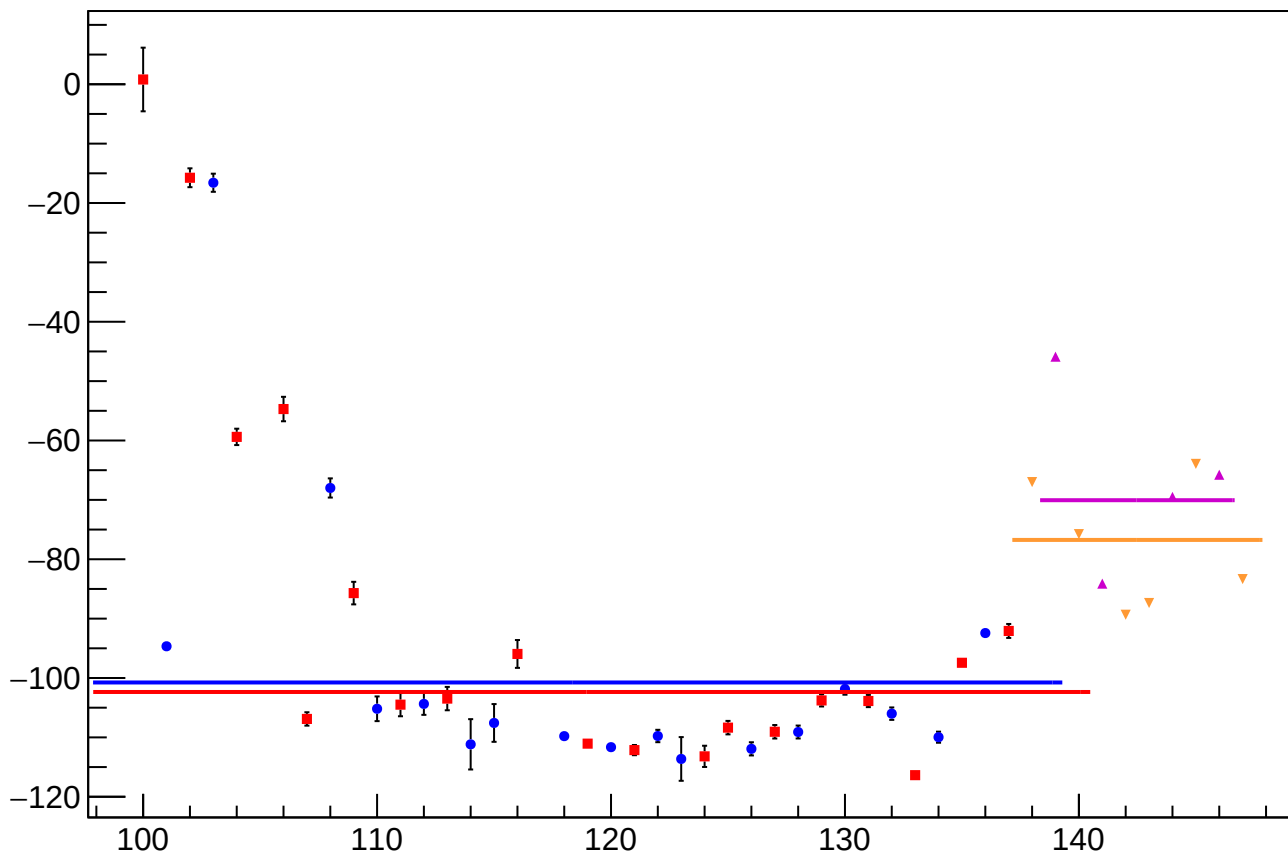
Right: 8.969 ± 0.294 $\chi^2/\text{NDF}: 4628.4/35$

In: 14.941 ± 0.208 $\chi^2/\text{NDF}: 3043.9/20$

Out: 12.787 ± 0.198 $\chi^2/\text{NDF}: 3833.3/24$

All: 13.812 ± 0.143 $\chi^2/\text{NDF}: 6933.4/45$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -76.744 ± 0.191 χ^2/NDF : 2478.3/5

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

Left In: -70.055 ± 0.213 χ^2/NDF : 2009.0/3

Left: -73.769 ± 0.142 χ^2/NDF : 5034.4/9

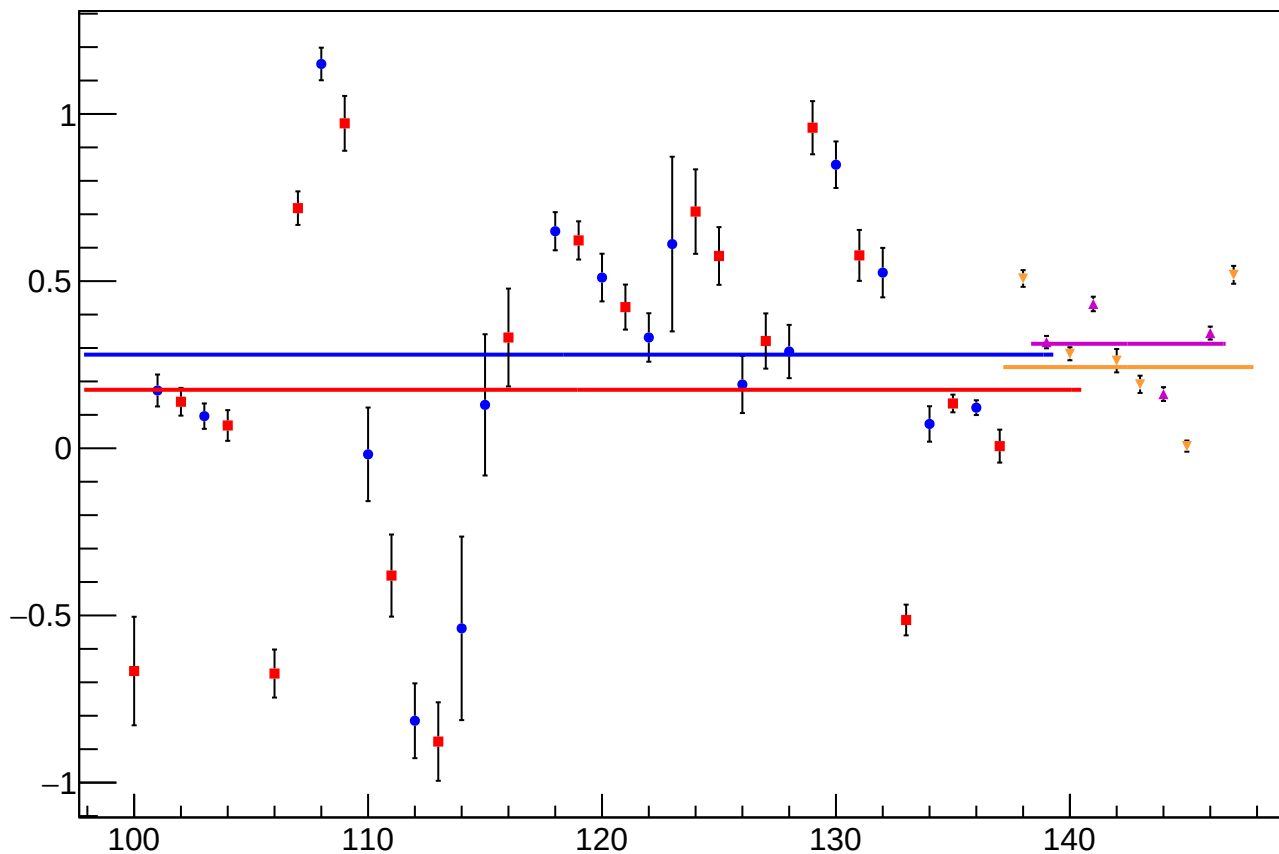
Right: -101.559 ± 0.175 χ^2/NDF : 10622.5/35

In: -83.093 ± 0.162 χ^2/NDF : 15345.0/20

Out: -86.348 ± 0.151 χ^2/NDF : 15318.5/24

All: -84.833 ± 0.110 χ^2/NDF : 30880.3/45

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.0/16

Left Out: 0.243 $\pm$ 0.009 χ^2 /NDF:428.3/5

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

Left In: 0.313 $\pm$ 0.010 χ^2 /NDF:85.5/3

Left: 0.275 $\pm$ 0.007 χ^2 /NDF: 539.8/9

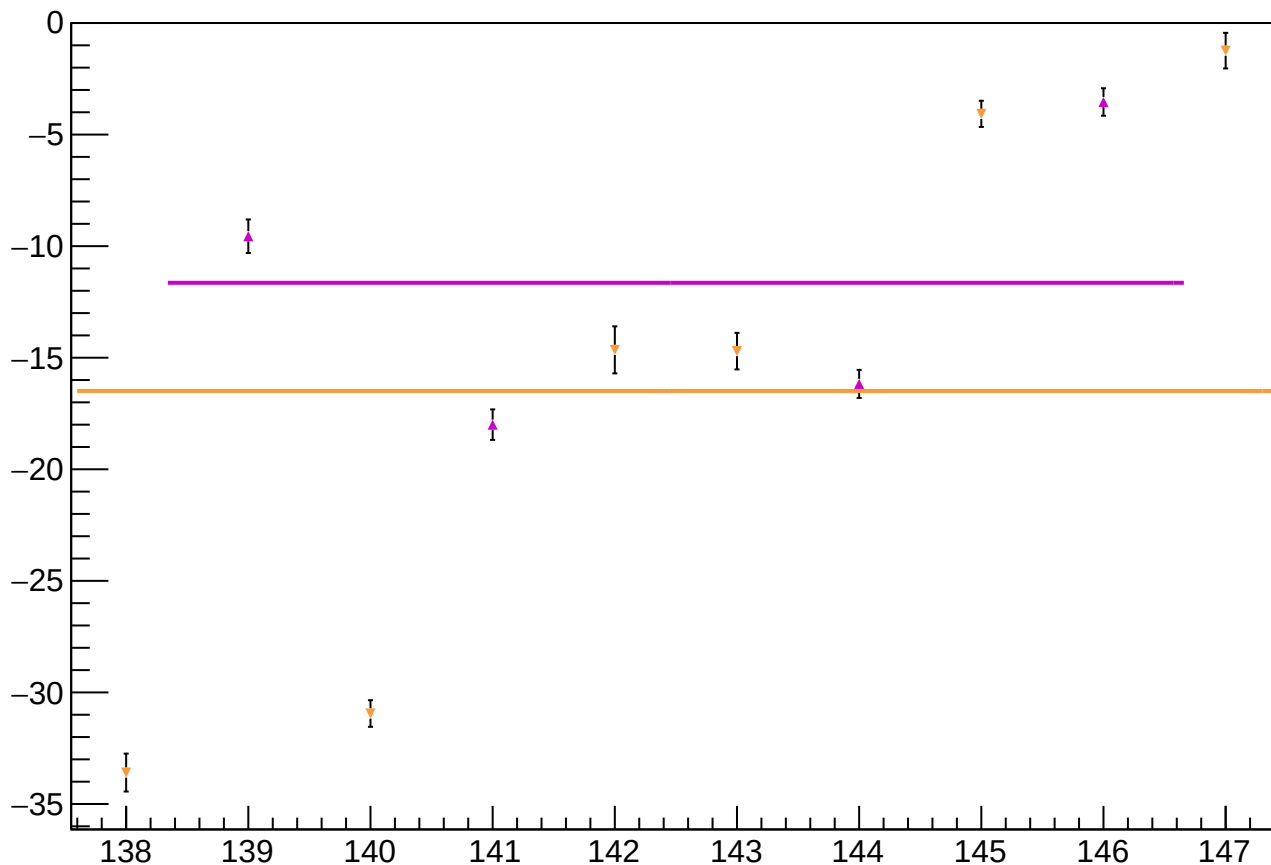
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1653.2/35

In: 0.301 $\pm$ 0.008 χ^2 /NDF:745.3/20

Out: 0.221 $\pm$ 0.008 χ^2 /NDF:1412.2/24

All: 0.259 $\pm$ 0.006 χ^2 /NDF: 2209.7/45

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.489+/-0.301 χ^2/NDF :1815.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.642+/-0.332 χ^2/NDF :319.6/3

Left: -14.305+/-0.223 χ^2/NDF : 2252.3/9

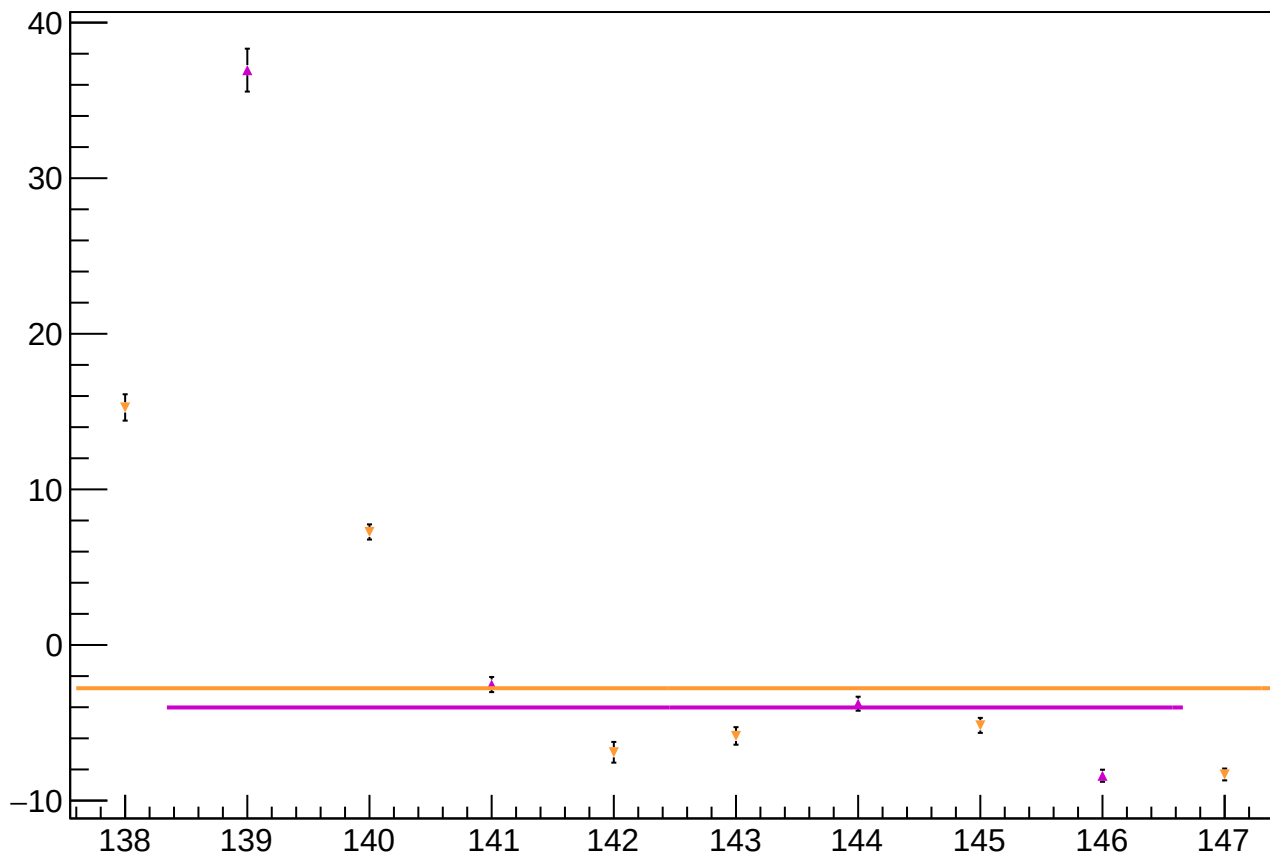
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.642+/-0.332 χ^2/NDF :319.6/3

Out: -16.489+/-0.301 χ^2/NDF :1815.5/5

All: -14.305+/-0.223 χ^2/NDF : 2252.3/9

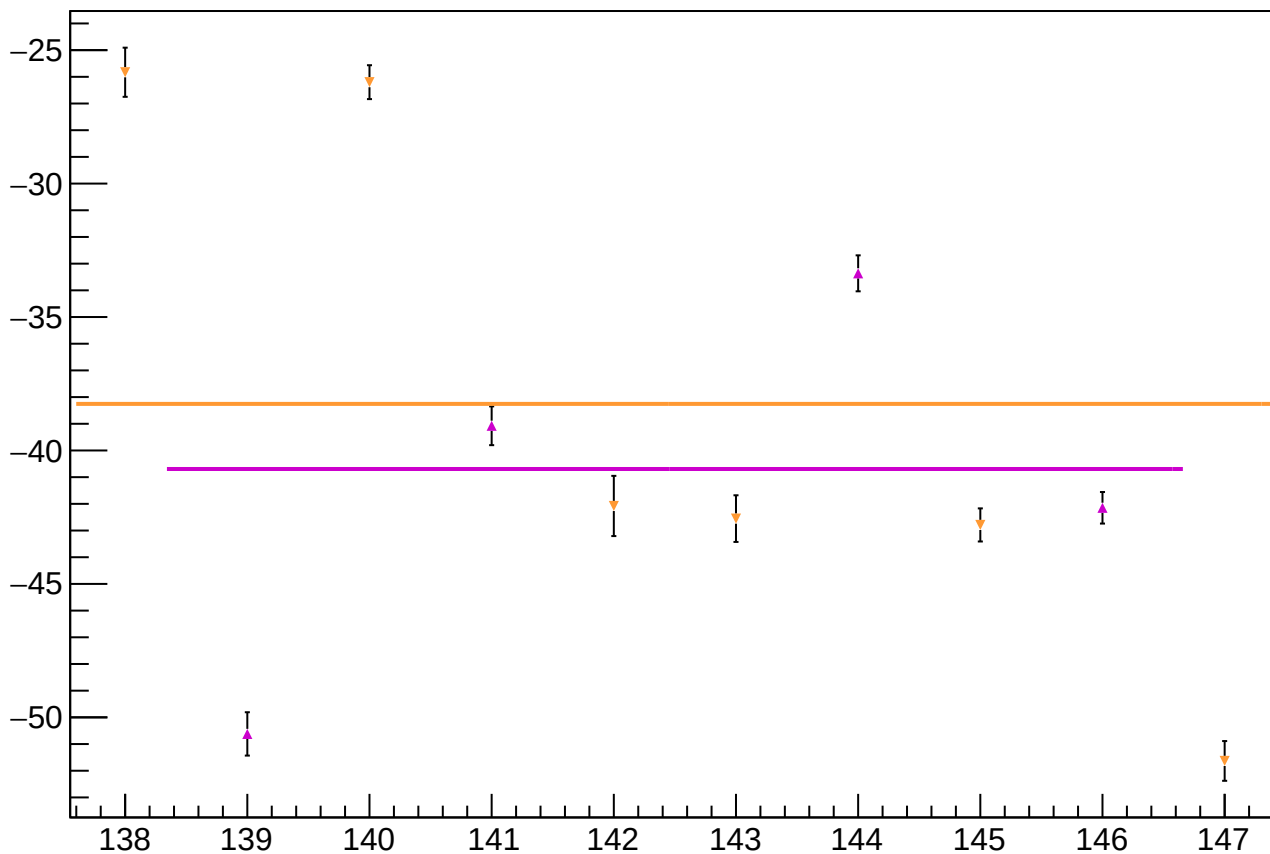
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.779+/-0.213 χ^2/NDF :1179.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.016+/-0.248 χ^2/NDF :1018.7/3

Left: -3.303+/-0.161 χ^2/NDF : 2212.3/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.016+/-0.248 χ^2/NDF :1018.7/3
 Out: -2.779+/-0.213 χ^2/NDF :1179.2/5
 All: -3.303+/-0.161 χ^2/NDF : 2212.3/9

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.255+/-0.314 χ^2/NDF :954.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.694+/-0.343 χ^2/NDF :278.7/3

Left: -39.364+/-0.232 χ^2/NDF : 1260.9/9

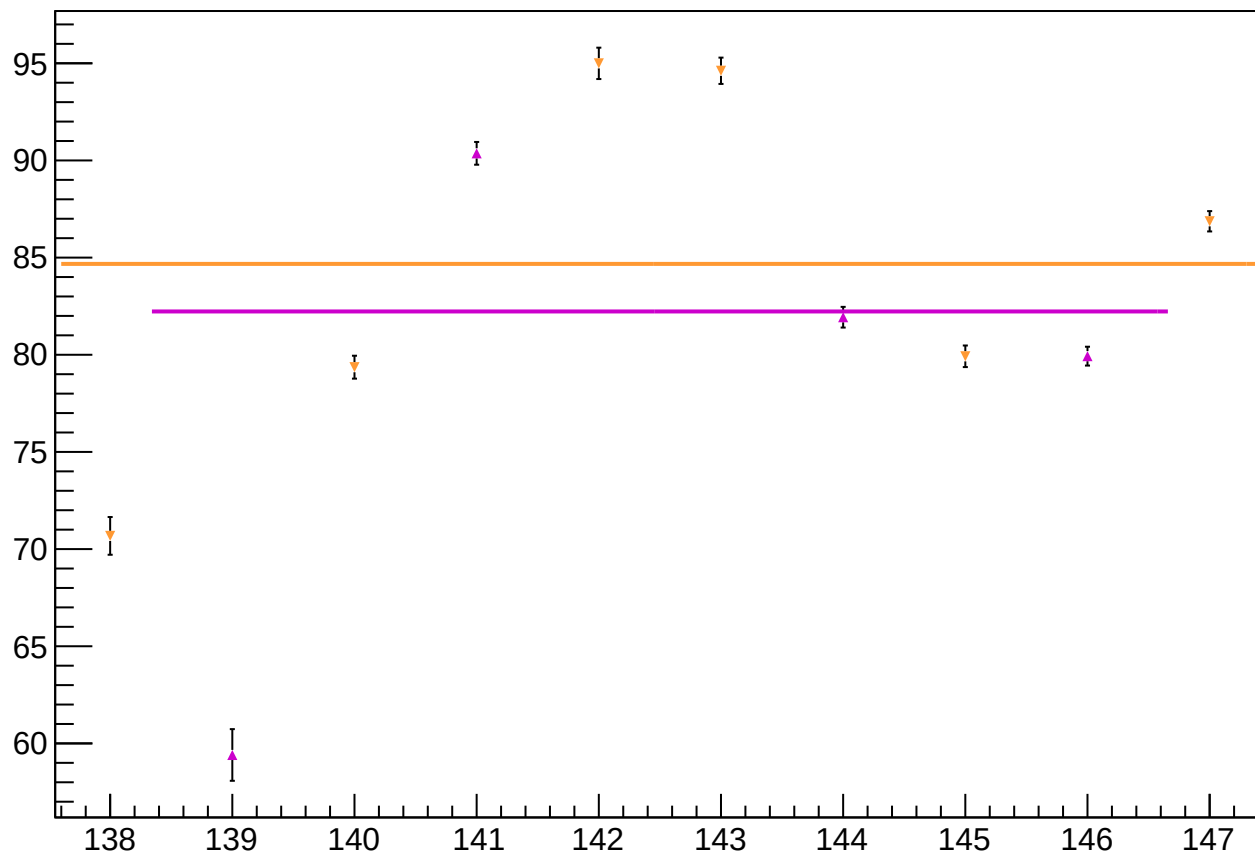
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.694+/-0.343 χ^2/NDF :278.7/3

Out: -38.255+/-0.314 χ^2/NDF :954.6/5

All: -39.364+/-0.232 χ^2/NDF : 1260.9/9

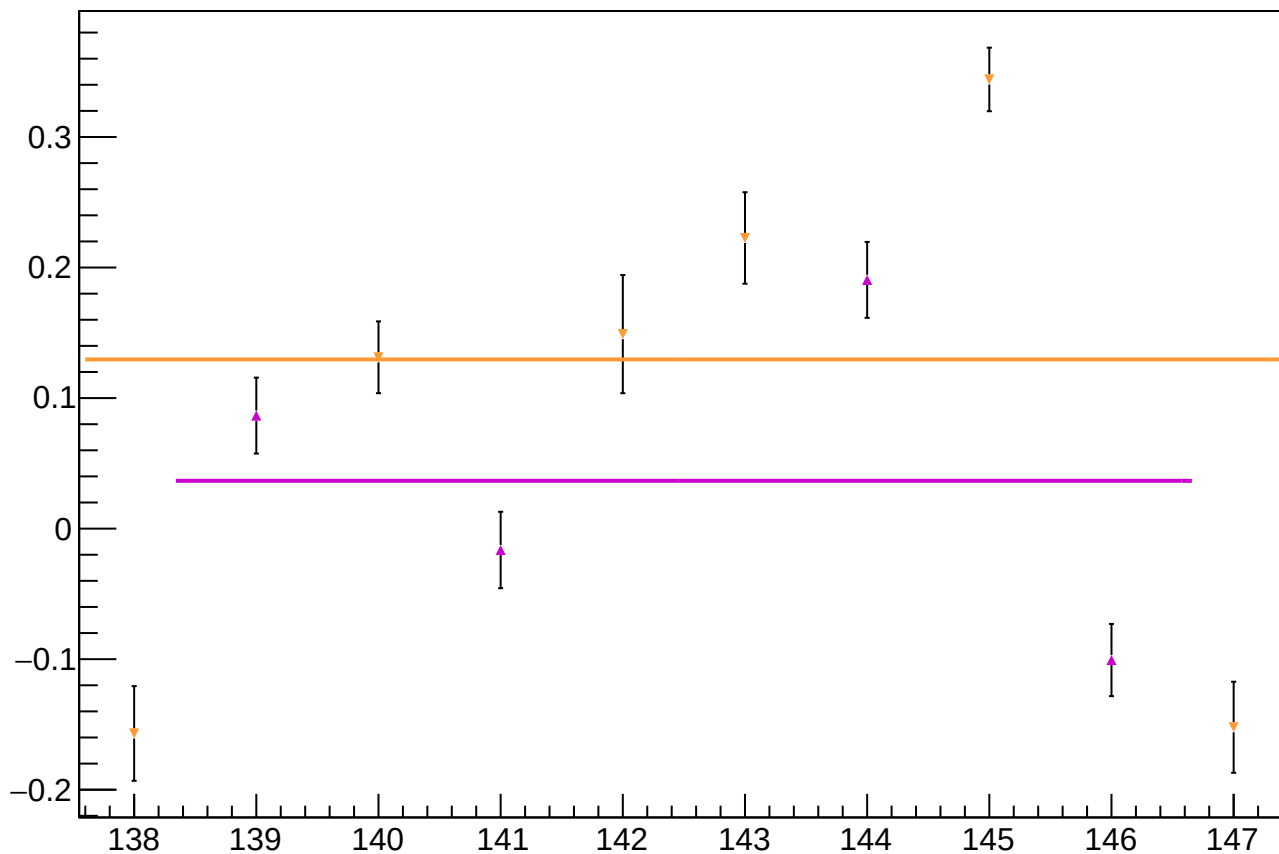
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.676+/-0.262 χ^2/NDF : 758.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 82.229+/-0.298 χ^2/NDF : 510.5/3

Left: 83.609+/-0.197 χ^2/NDF : 1307.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 82.229+/-0.298 χ^2/NDF : 510.5/3
 Out: 84.676+/-0.262 χ^2/NDF : 758.9/5
 All: 83.609+/-0.197 χ^2/NDF : 1307.5/9

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.130+/-0.013 χ^2/NDF :212.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.037+/-0.014 χ^2/NDF :58.9/3

Left: 0.088+/-0.010 χ^2/NDF : 294.4/9

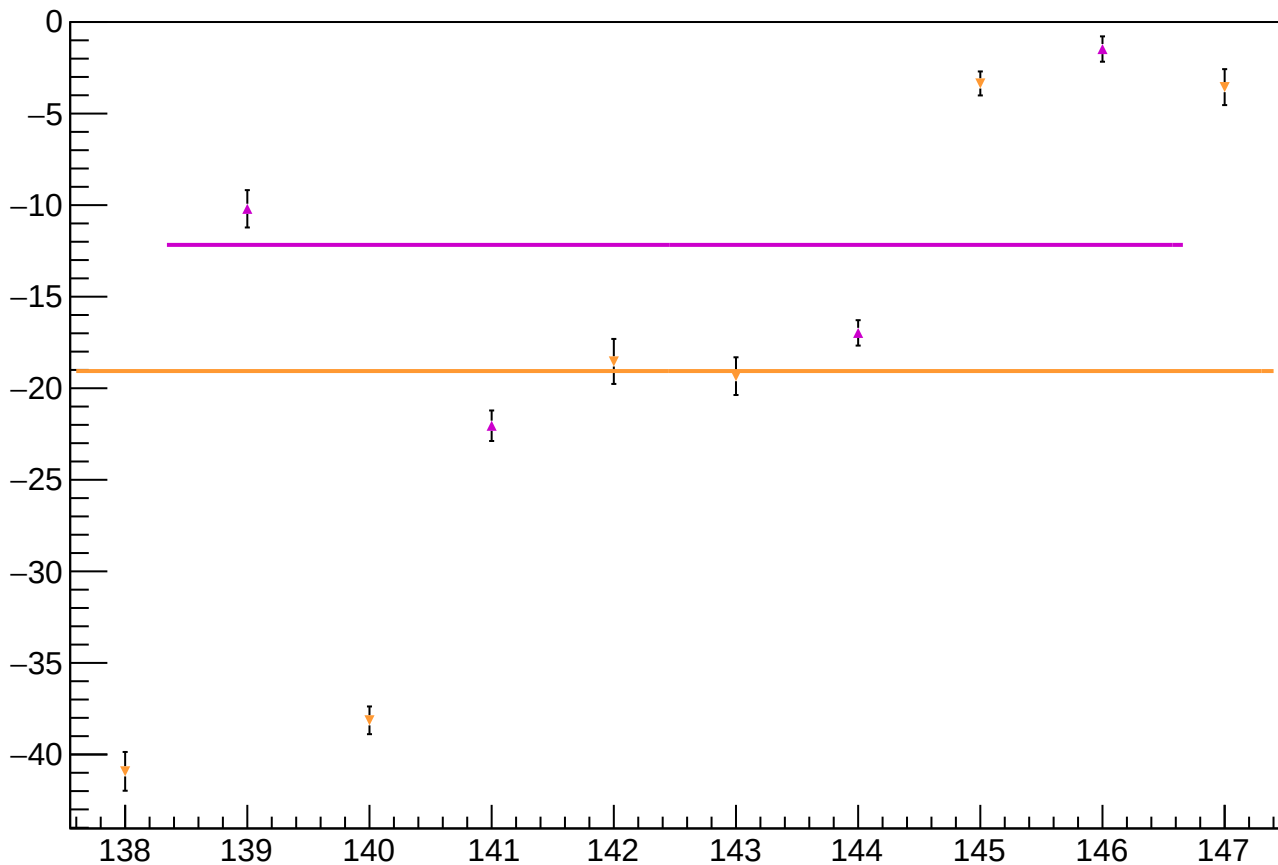
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.037+/-0.014 χ^2/NDF :58.9/3

Out: 0.130+/-0.013 χ^2/NDF :212.5/5

All: 0.088+/-0.010 χ^2/NDF : 294.4/9

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.061+/-0.362 χ^2/NDF :1886.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.171+/-0.390 χ^2/NDF :430.9/3

Left: -15.871+/-0.266 χ^2/NDF : 2484.9/9

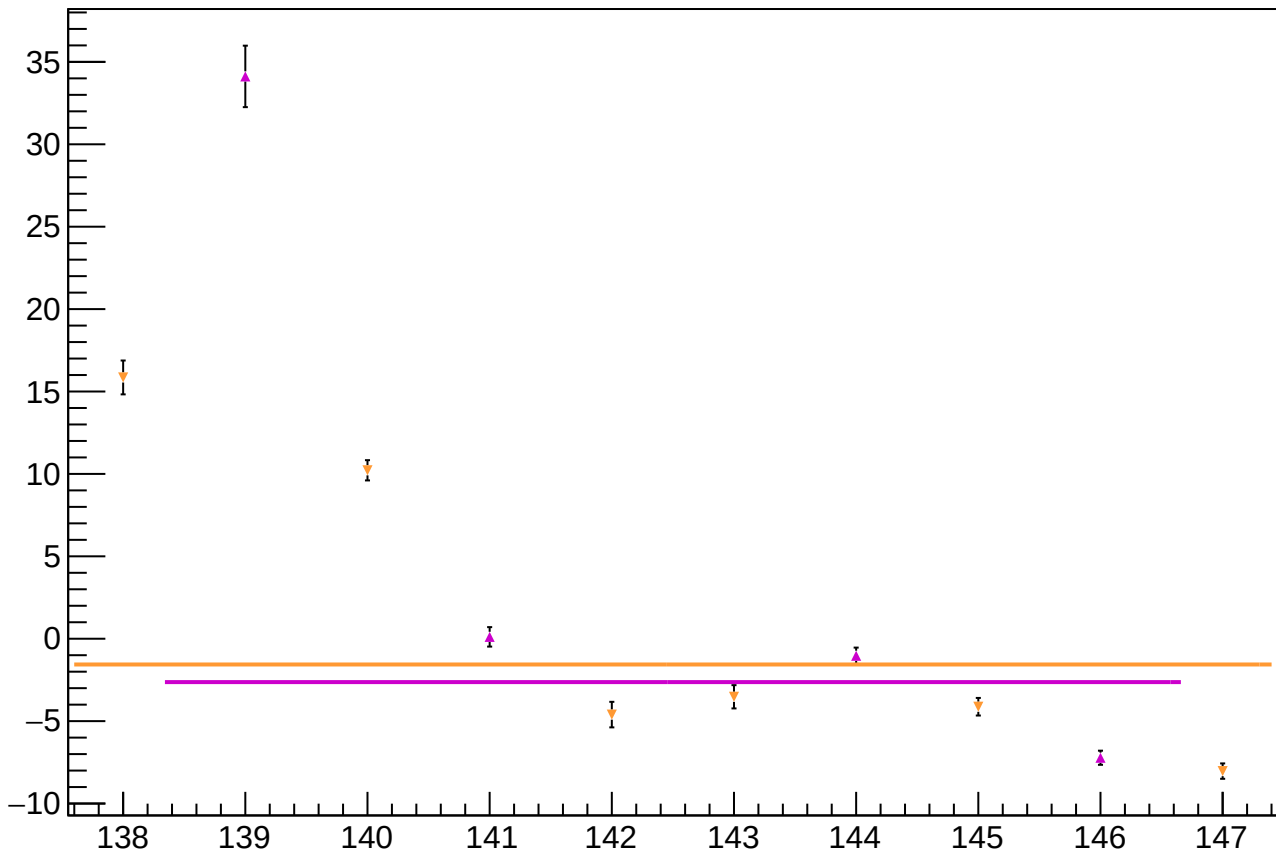
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.171+/-0.390 χ^2/NDF :430.9/3

Out: -19.061+/-0.362 χ^2/NDF :1886.6/5

All: -15.871+/-0.266 χ^2/NDF : 2484.9/9

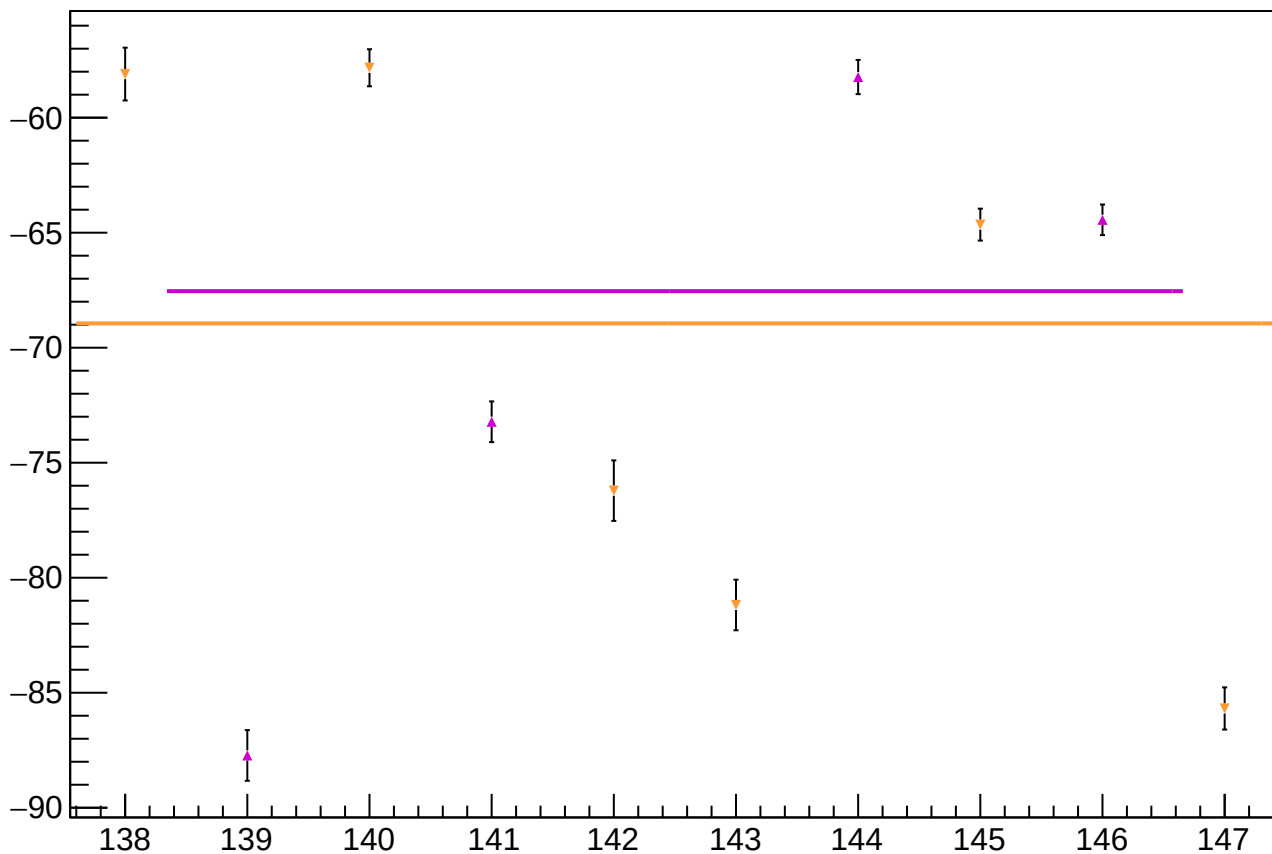
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.563+/-0.255 χ^2/NDF : 893.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.632+/-0.281 χ^2/NDF : 534.9/3

Left: -2.046+/-0.189 χ^2/NDF : 1436.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.632+/-0.281 χ^2/NDF : 534.9/3
 Out: -1.563+/-0.255 χ^2/NDF : 893.6/5
 All: -2.046+/-0.189 χ^2/NDF : 1436.5/9

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.943+/-0.379 χ^2/NDF :805.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -67.541+/-0.403 χ^2/NDF :555.0/3

Left: -68.285+/-0.276 χ^2/NDF : 1367.3/9

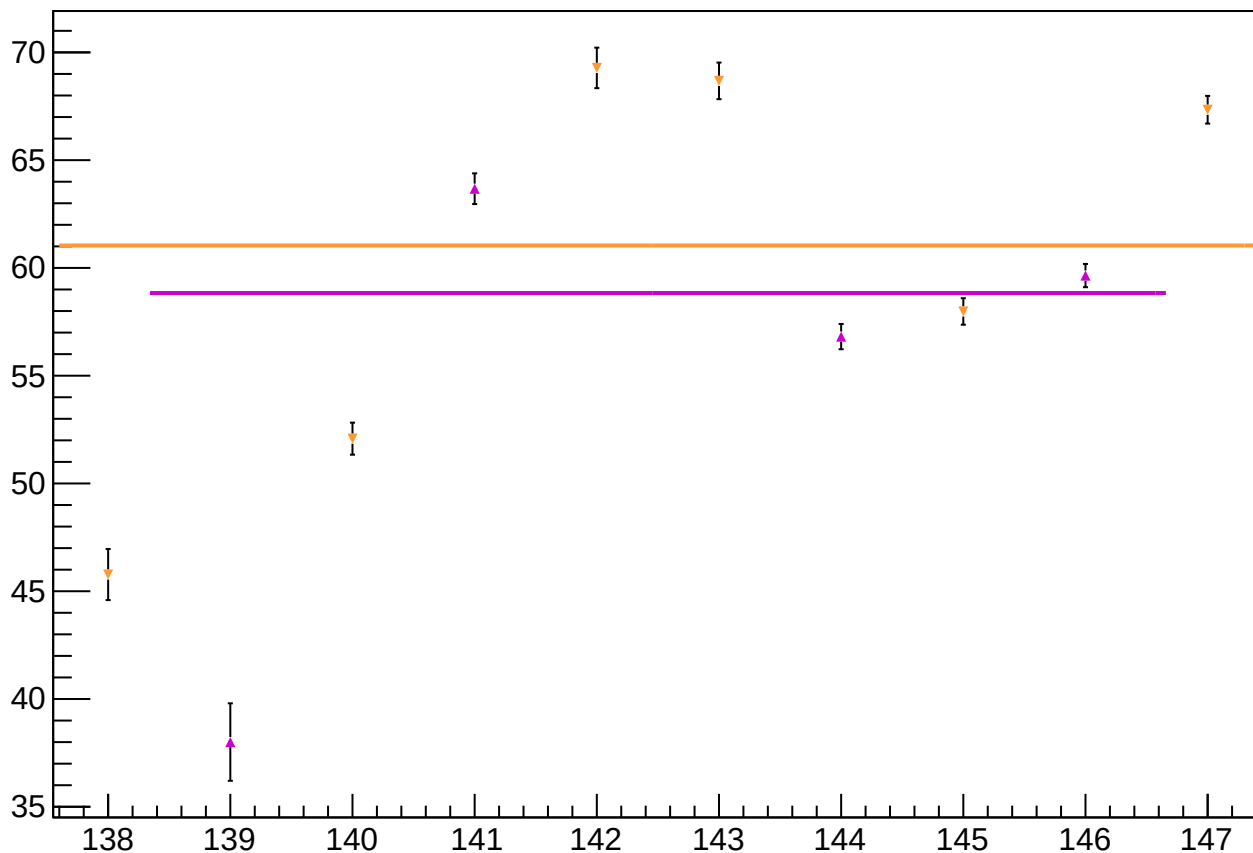
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.541+/-0.403 χ^2/NDF :555.0/3

Out: -68.943+/-0.379 χ^2/NDF :805.8/5

All: -68.285+/-0.276 χ^2/NDF : 1367.3/9

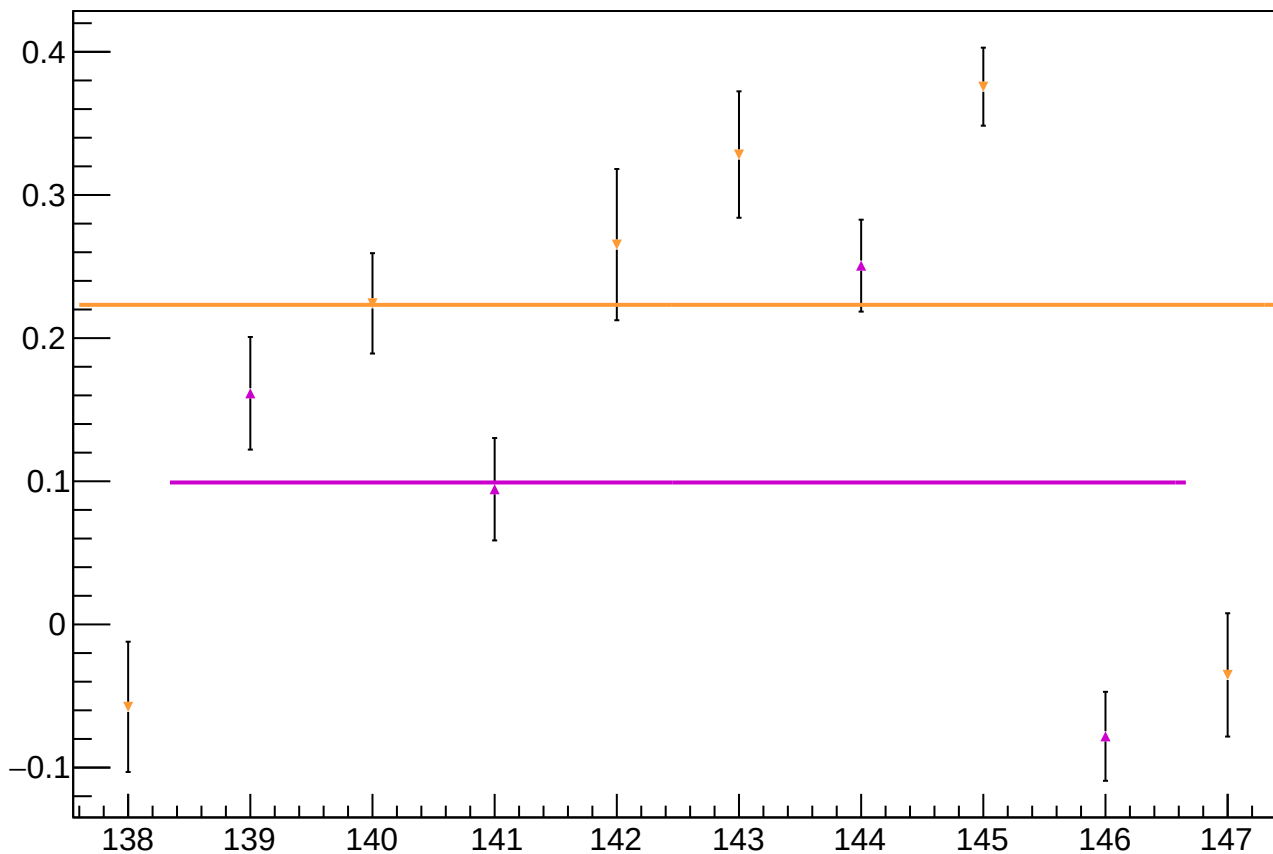
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.041+/-0.314 χ^2/NDF :590.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 58.835+/-0.341 χ^2/NDF :194.6/3

Left: 60.026+/-0.231 χ^2/NDF : 807.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.835+/-0.341 χ^2/NDF :194.6/3
 Out: 61.041+/-0.314 χ^2/NDF :590.0/5
 All: 60.026+/-0.231 χ^2/NDF : 807.2/9

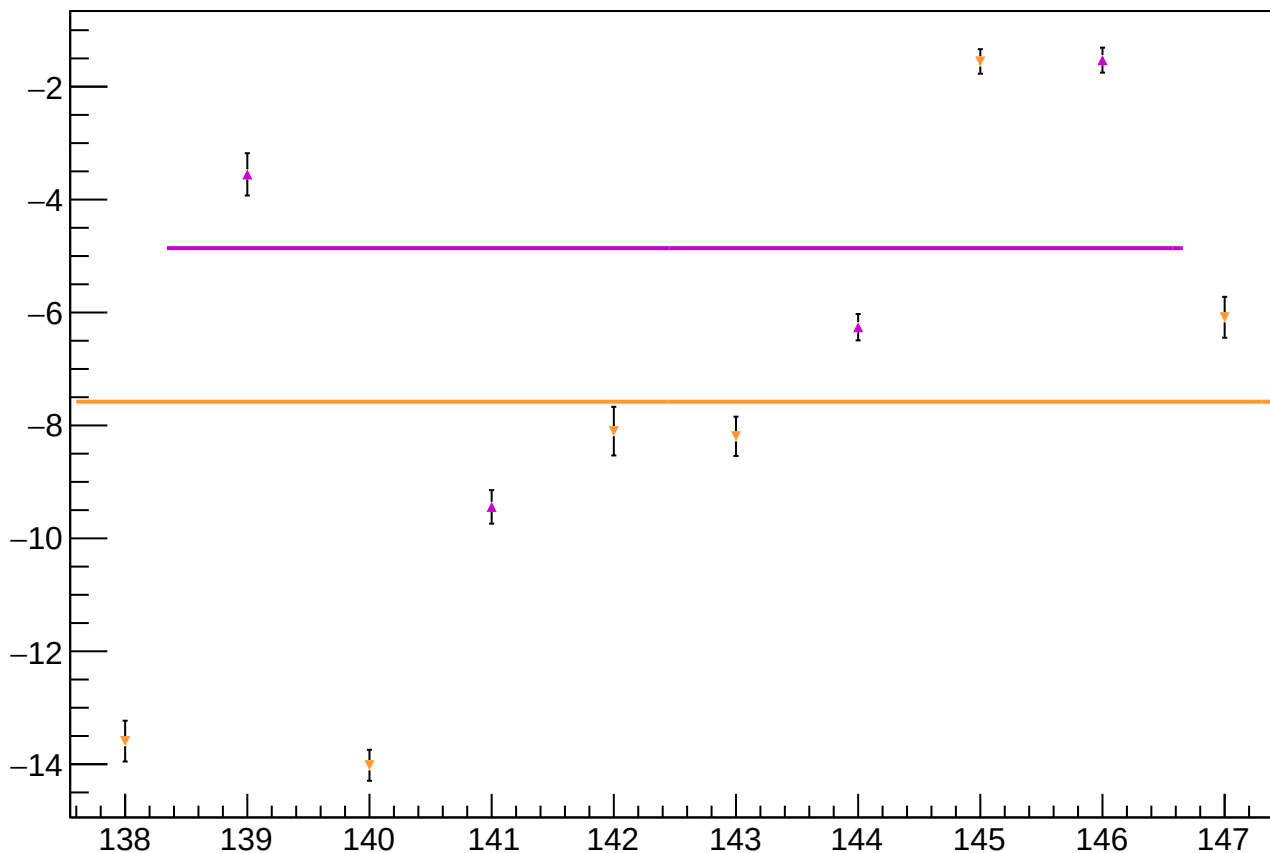
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.223+/-0.016 χ^2/NDF :111.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.099+/-0.017 χ^2/NDF :57.3/3

Left: 0.166+/-0.012 χ^2/NDF : 197.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.099+/-0.017 χ^2/NDF :57.3/3
 Out: 0.223+/-0.016 χ^2/NDF :111.7/5
 All: 0.166+/-0.012 χ^2/NDF : 197.7/9

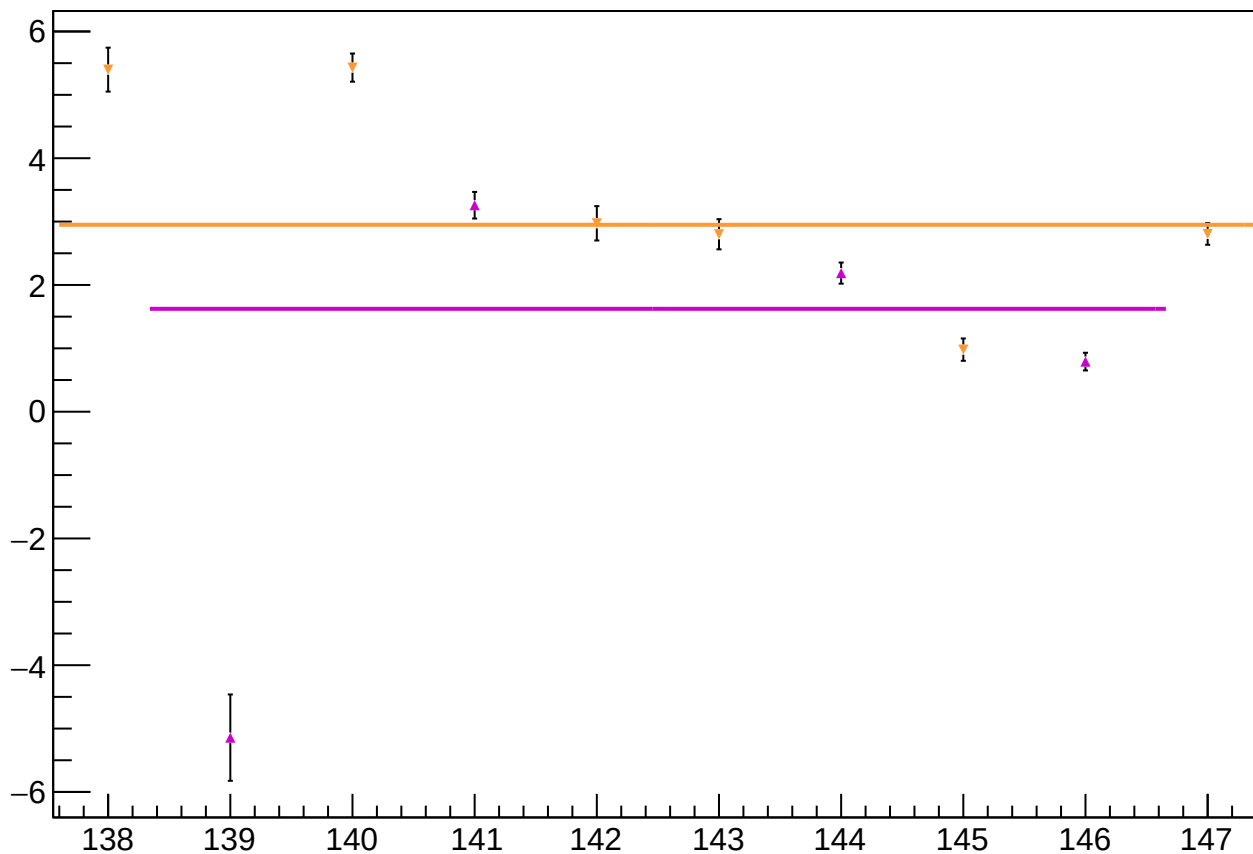
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.579+/-0.126 χ^2/NDF :1618.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.860+/-0.132 χ^2/NDF :513.5/3

Left: -6.288+/-0.091 χ^2/NDF : 2354.8/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.860+/-0.132 χ^2/NDF :513.5/3
 Out: -7.579+/-0.126 χ^2/NDF :1618.9/5
 All: -6.288+/-0.091 χ^2/NDF : 2354.8/9

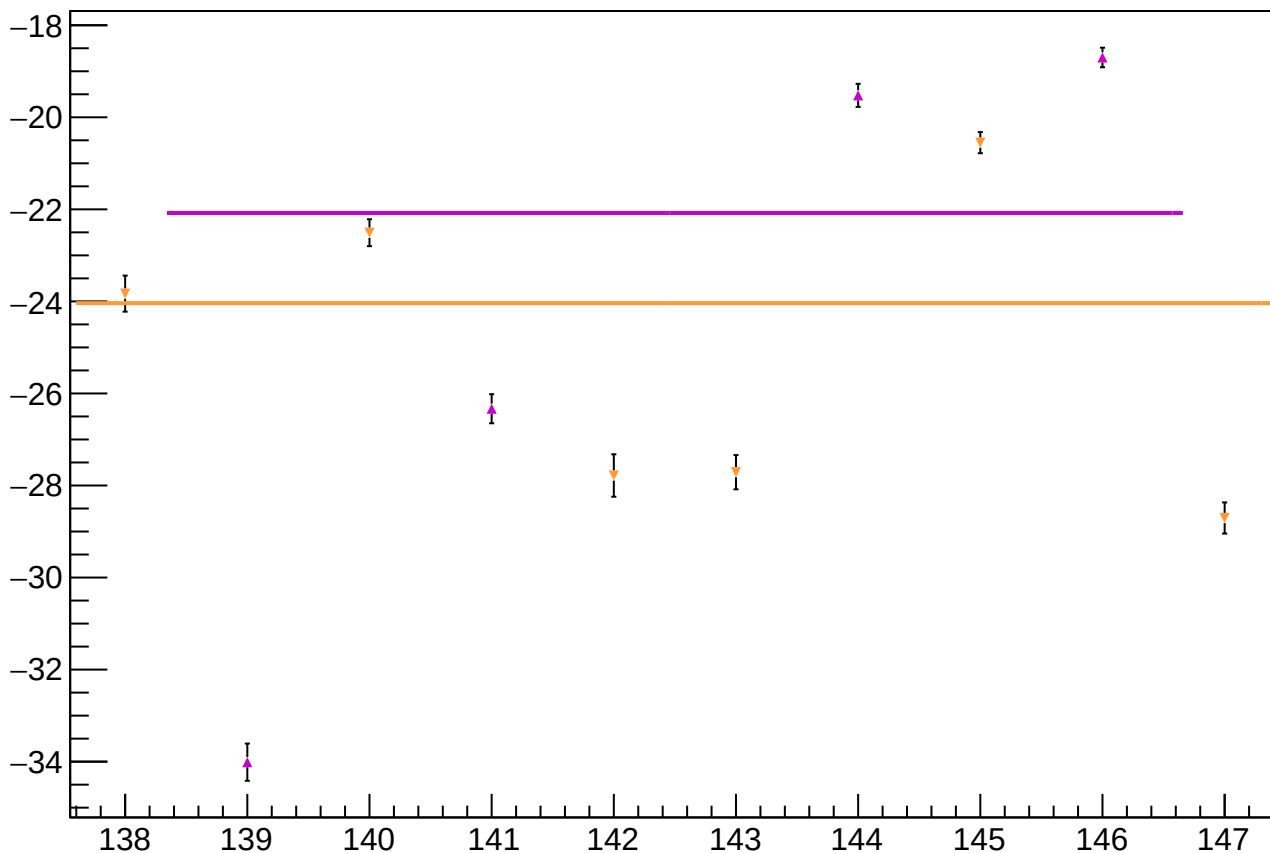
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.949+/-0.089 χ^2/NDF :300.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.624+/-0.094 χ^2/NDF :206.2/3

Left: 2.325+/-0.065 χ^2/NDF : 610.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.624+/-0.094 χ^2/NDF :206.2/3
 Out: 2.949+/-0.089 χ^2/NDF :300.3/5
 All: 2.325+/-0.065 χ^2/NDF : 610.9/9

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.038+/-0.132 χ^2/NDF :610.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.079+/-0.136 χ^2/NDF :1408.3/3

Left: -23.090+/-0.095 χ^2/NDF : 2126.4/9

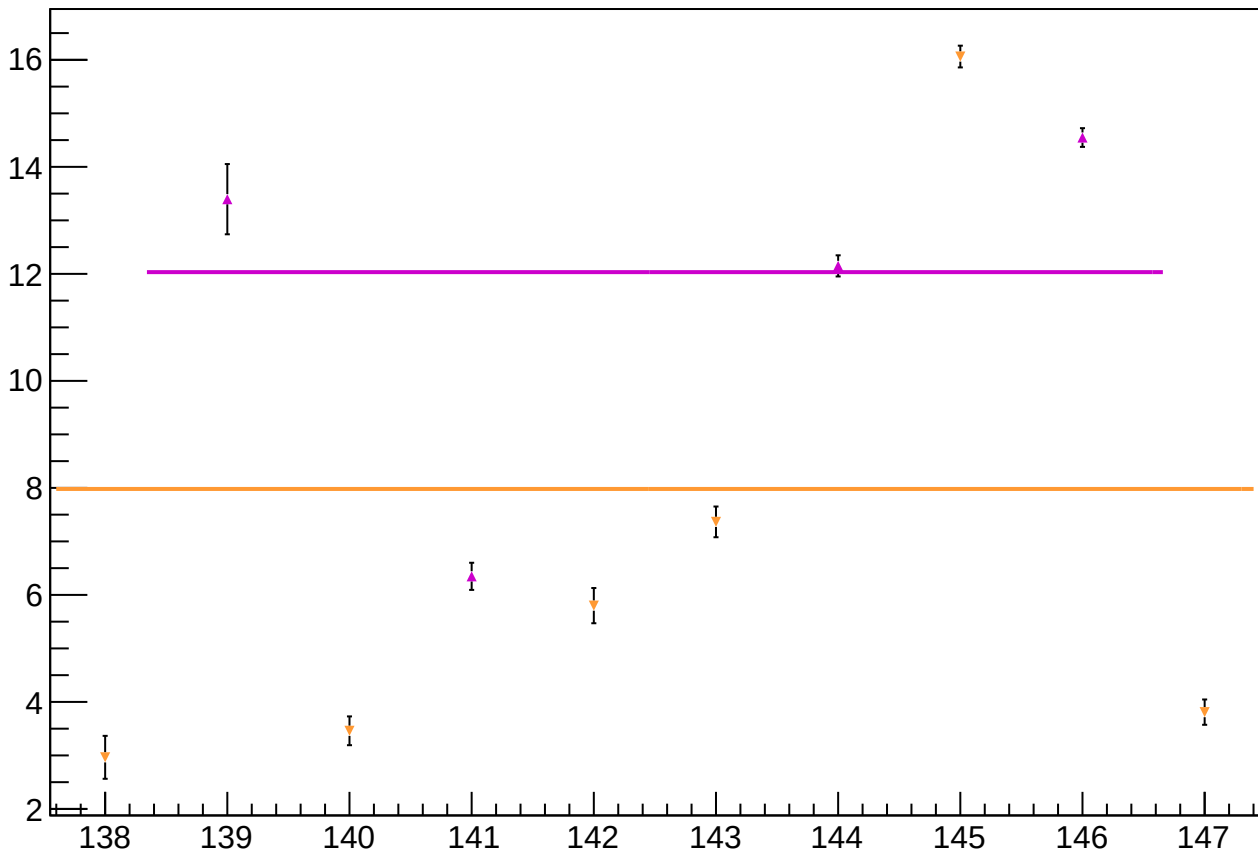
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.079+/-0.136 χ^2/NDF :1408.3/3

Out: -24.038+/-0.132 χ^2/NDF :610.8/5

All: -23.090+/-0.095 χ^2/NDF : 2126.4/9

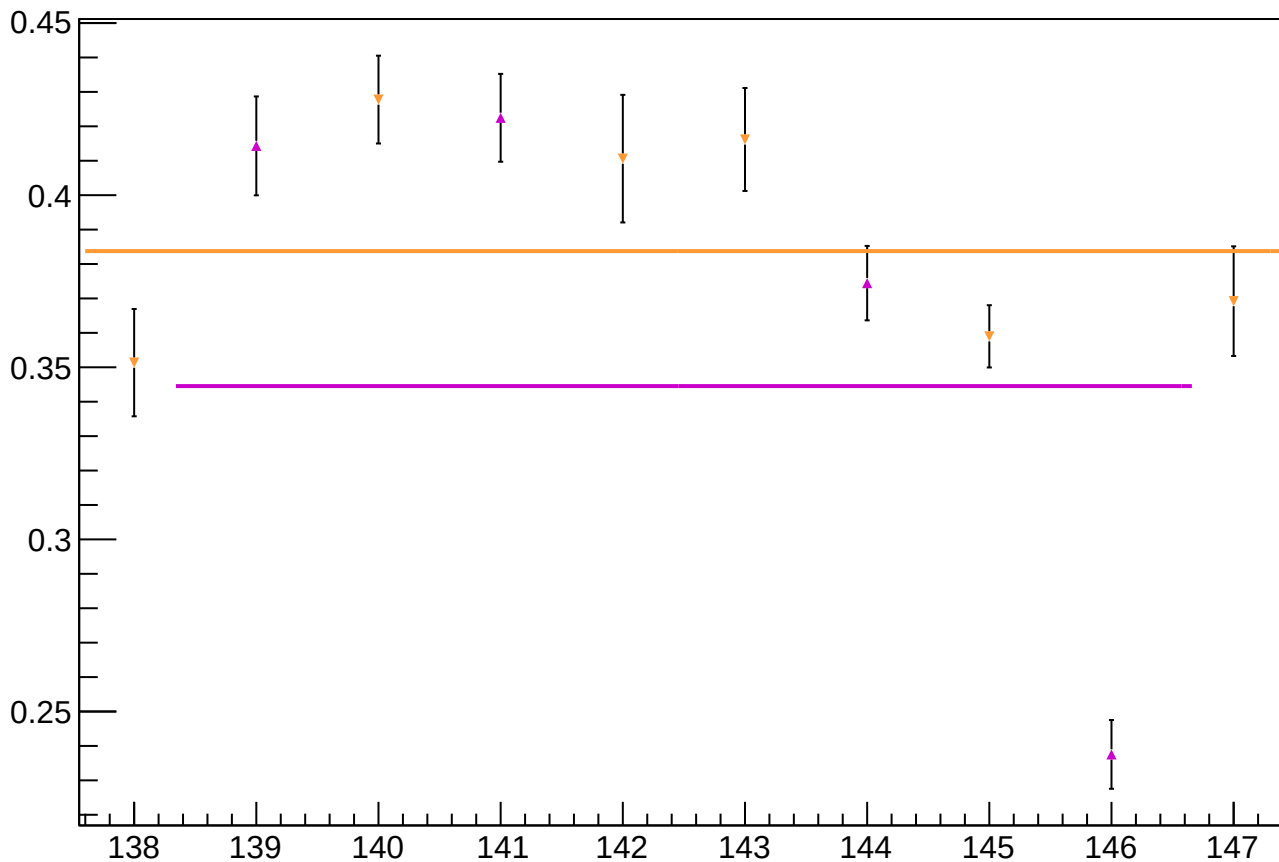
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.980+/-0.109 χ^2/NDF :2379.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.033+/-0.115 χ^2/NDF :714.1/3

Left: 9.914+/-0.079 χ^2/NDF : 3747.4/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.033+/-0.115 χ^2/NDF :714.1/3
 Out: 7.980+/-0.109 χ^2/NDF :2379.4/5
 All: 9.914+/-0.079 χ^2/NDF : 3747.4/9

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.384+/-0.005 χ^2/NDF :31.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.345+/-0.006 χ^2/NDF :183.3/3

Left: 0.365+/-0.004 χ^2/NDF : 238.9/9

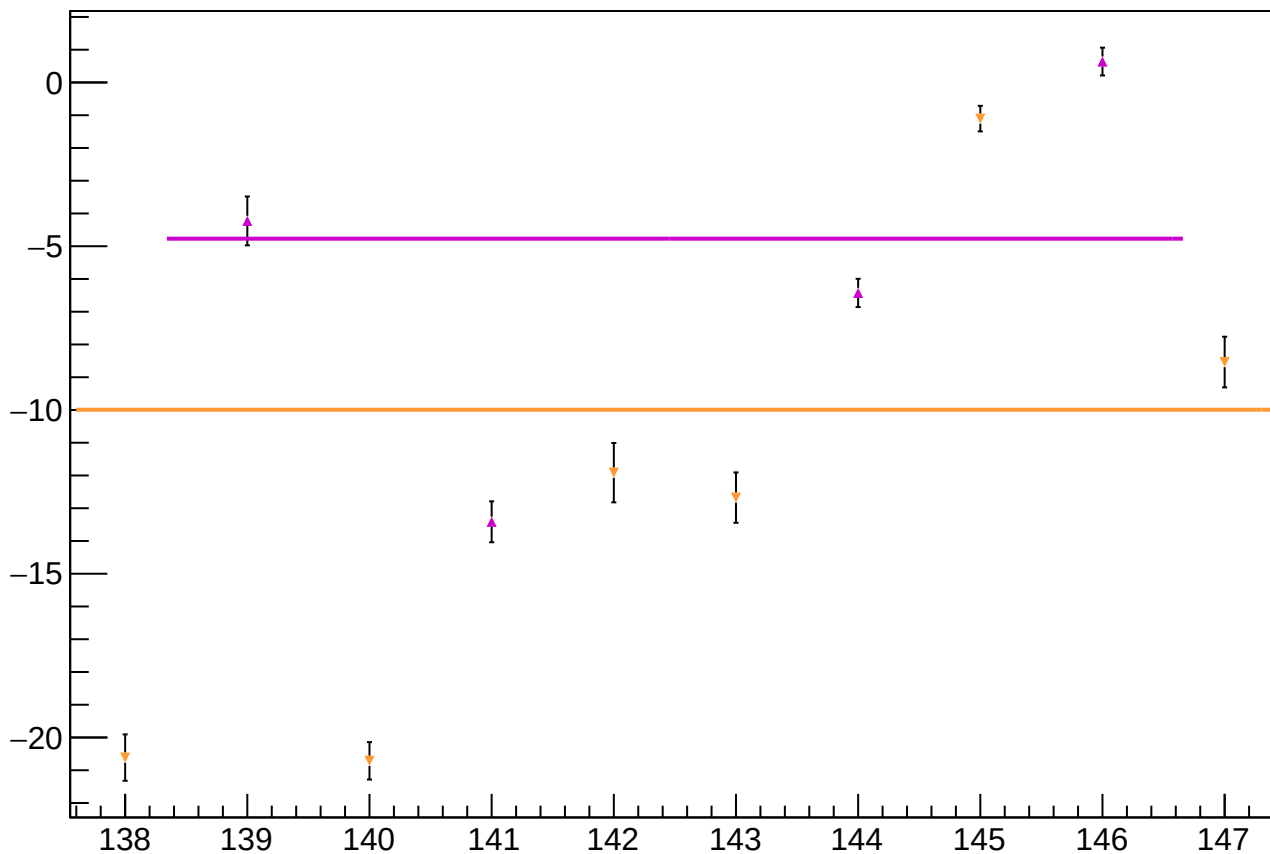
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.345+/-0.006 χ^2/NDF :183.3/3

Out: 0.384+/-0.005 χ^2/NDF :31.4/5

All: 0.365+/-0.004 χ^2/NDF : 238.9/9

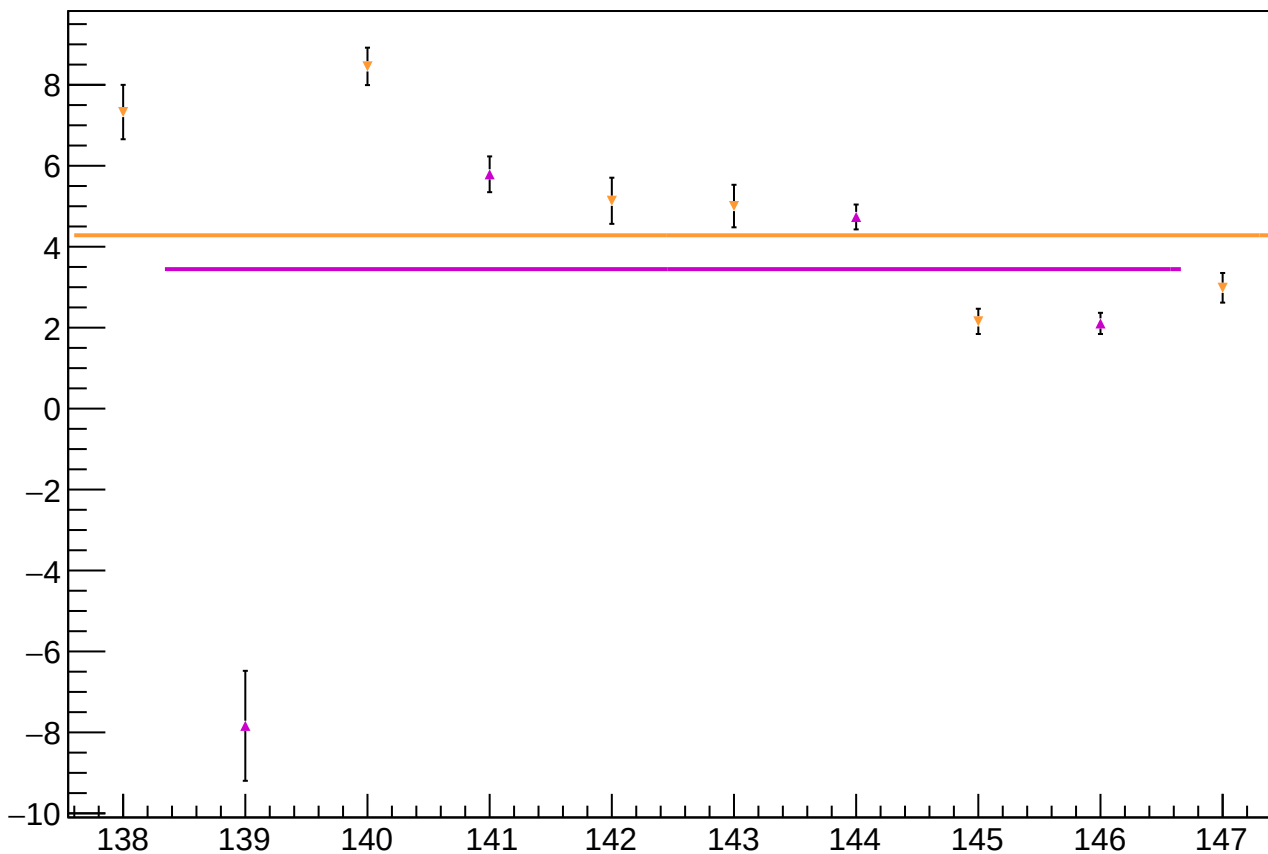
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.992+/-0.248 χ^2/NDF :1116.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.770+/-0.256 χ^2/NDF :369.0/3

Left: -7.457+/-0.178 χ^2/NDF : 1699.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.770+/-0.256 χ^2/NDF :369.0/3
 Out: -9.992+/-0.248 χ^2/NDF :1116.0/5
 All: -7.457+/-0.178 χ^2/NDF : 1699.6/9

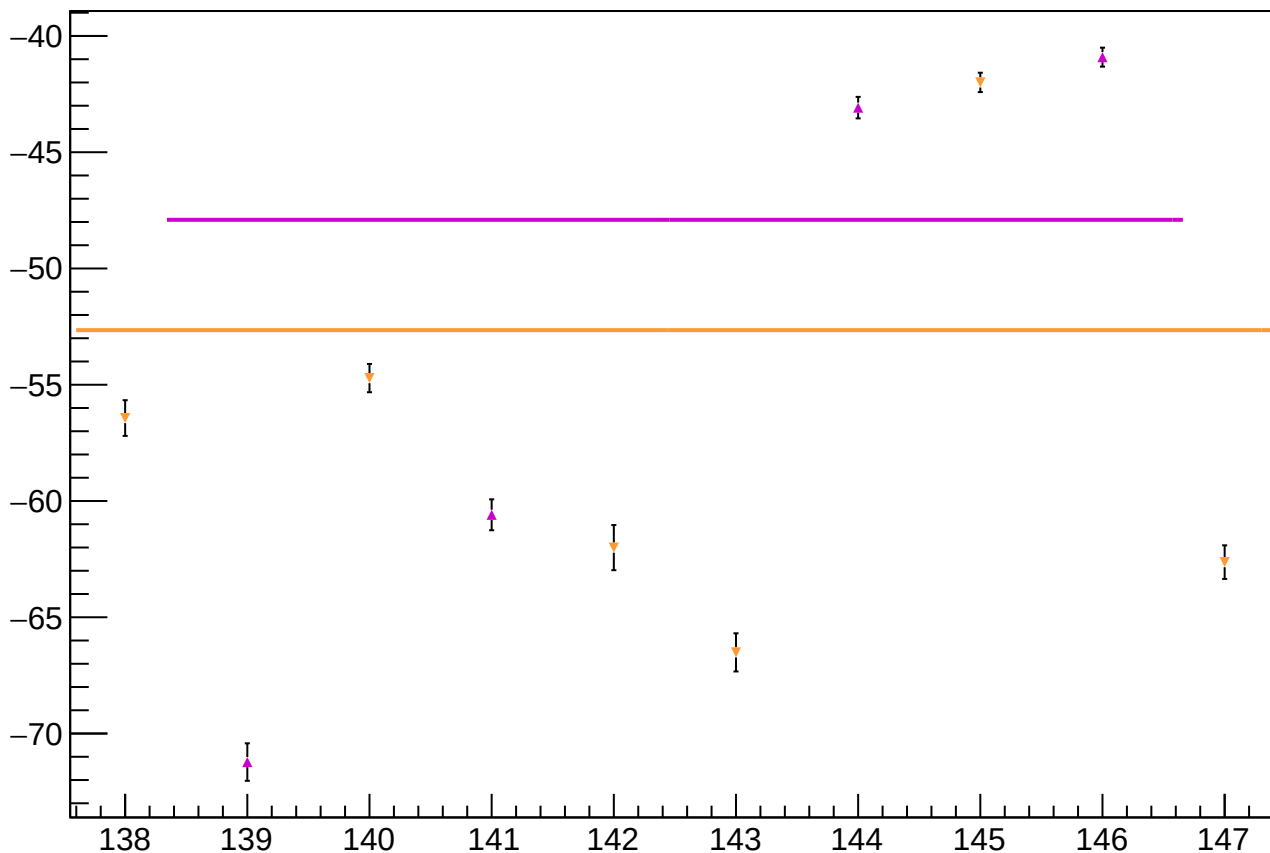
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.282+/-0.179 χ^2/NDF :165.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.446+/-0.180 χ^2/NDF :140.9/3

Left: 3.867+/-0.127 χ^2/NDF : 316.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.446+/-0.180 χ^2/NDF :140.9/3
 Out: 4.282+/-0.179 χ^2/NDF :165.2/5
 All: 3.867+/-0.127 χ^2/NDF : 316.9/9

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.652+/-0.261 χ^2/NDF :1260.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Left: -50.291+/-0.185 χ^2/NDF : 3029.2/9

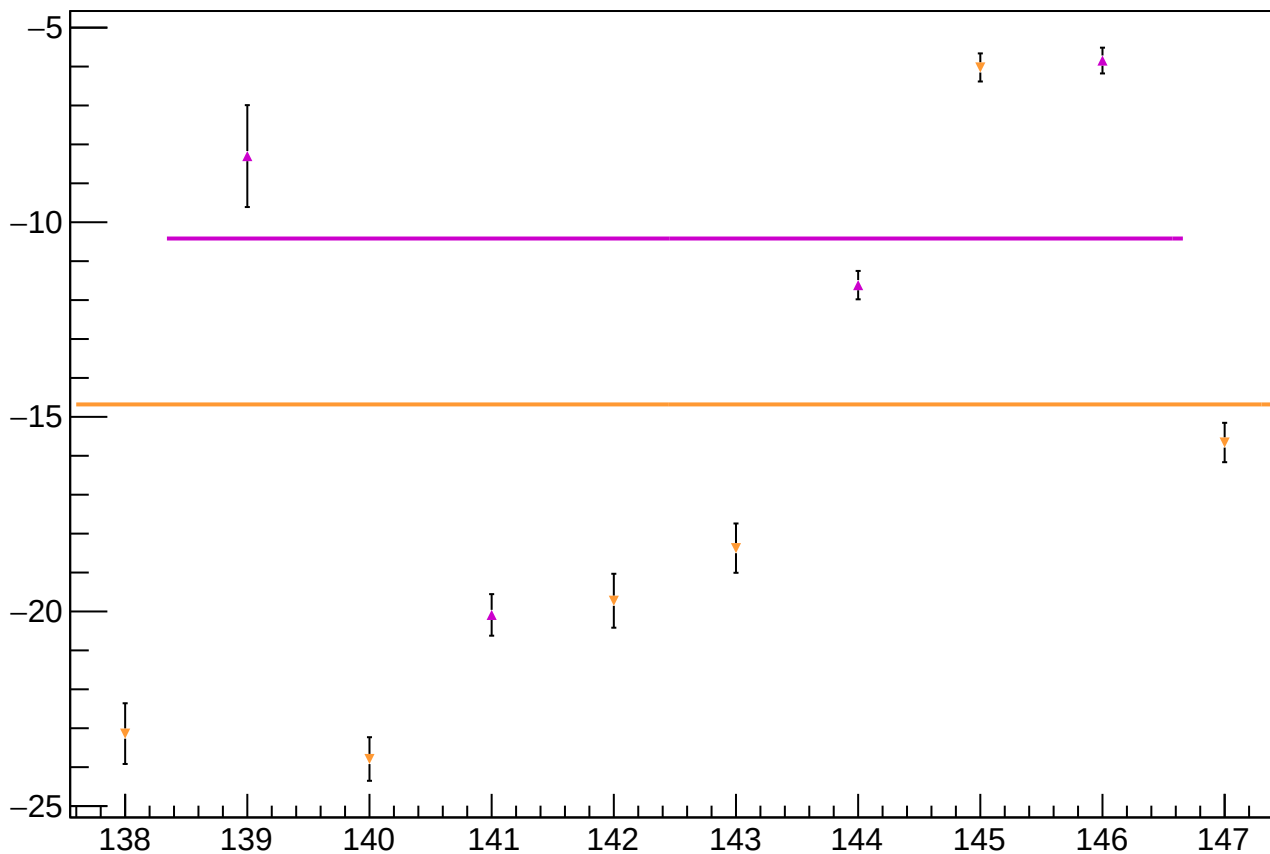
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Out: -52.652+/-0.261 χ^2/NDF :1260.6/5

All: -50.291+/-0.185 χ^2/NDF : 3029.2/9

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.681+/-0.218 χ^2/NDF :1048.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.418+/-0.220 χ^2/NDF :532.1/3

Left: -12.563+/-0.155 χ^2/NDF : 1770.2/9

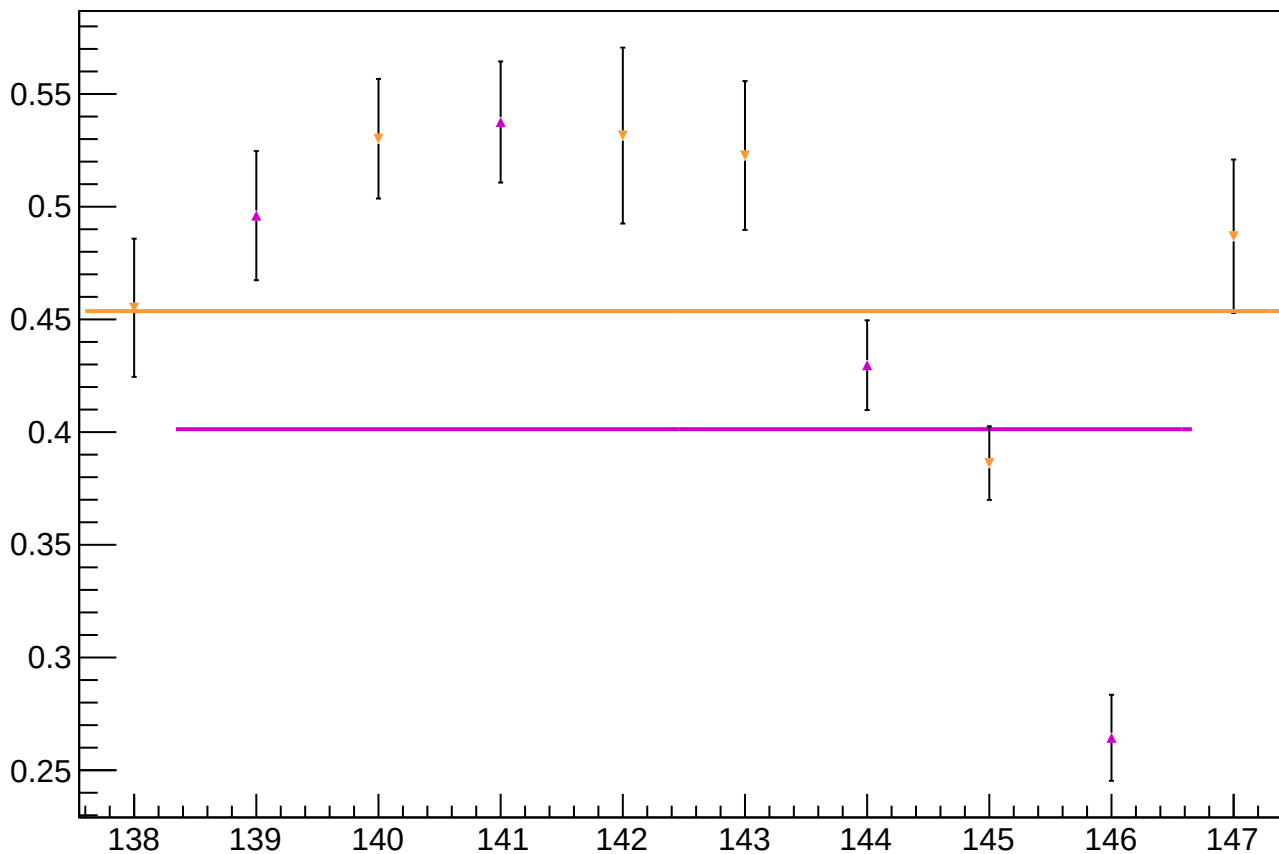
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.418+/-0.220 χ^2/NDF :532.1/3

Out: -14.681+/-0.218 χ^2/NDF :1048.6/5

All: -12.563+/-0.155 χ^2/NDF : 1770.2/9

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.7/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Left: 0.429 $\pm$ 0.008 χ^2 /NDF: 136.2/9

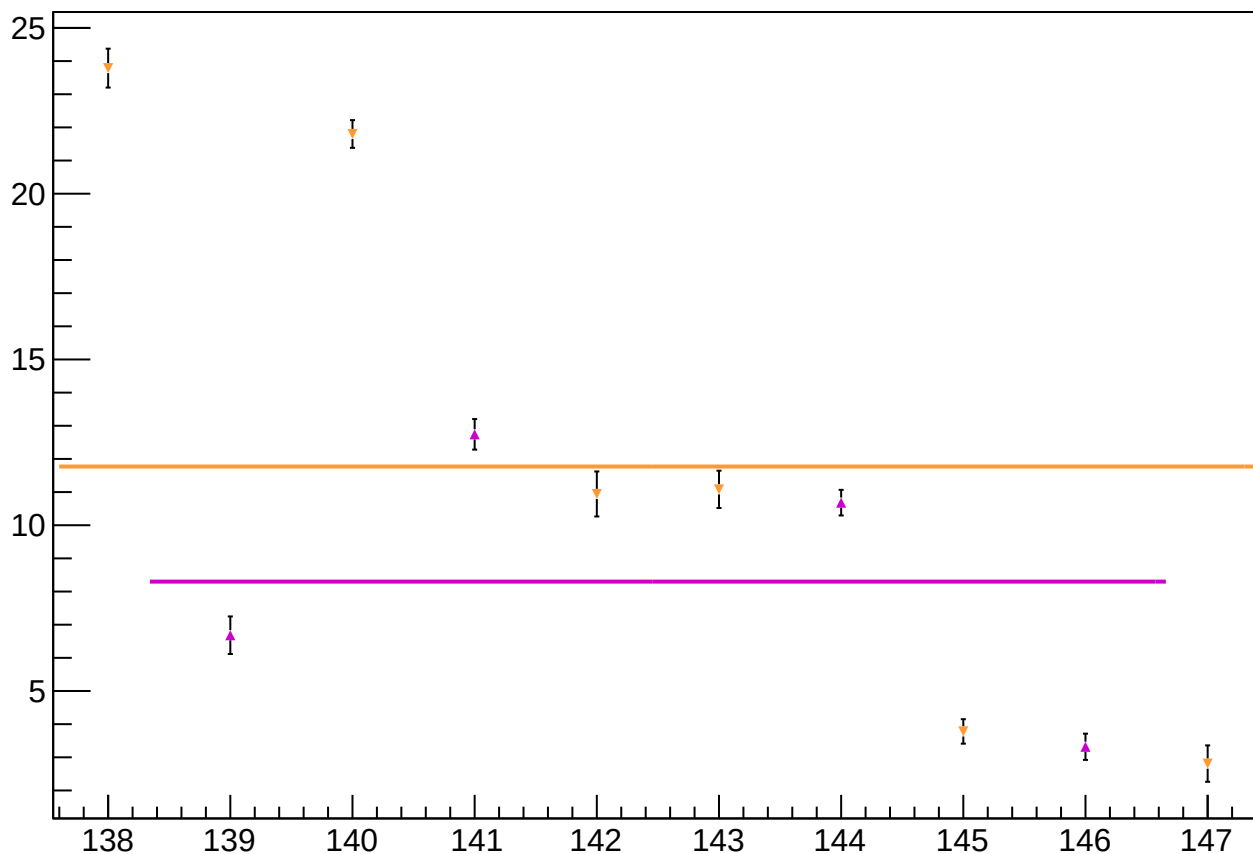
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.7/5

All: 0.429 $\pm$ 0.008 χ^2 /NDF: 136.2/9

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.771+/-0.202 χ^2/NDF :1731.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.300+/-0.219 χ^2/NDF :297.5/3

Left: 10.175+/-0.148 χ^2/NDF : 2165.3/9

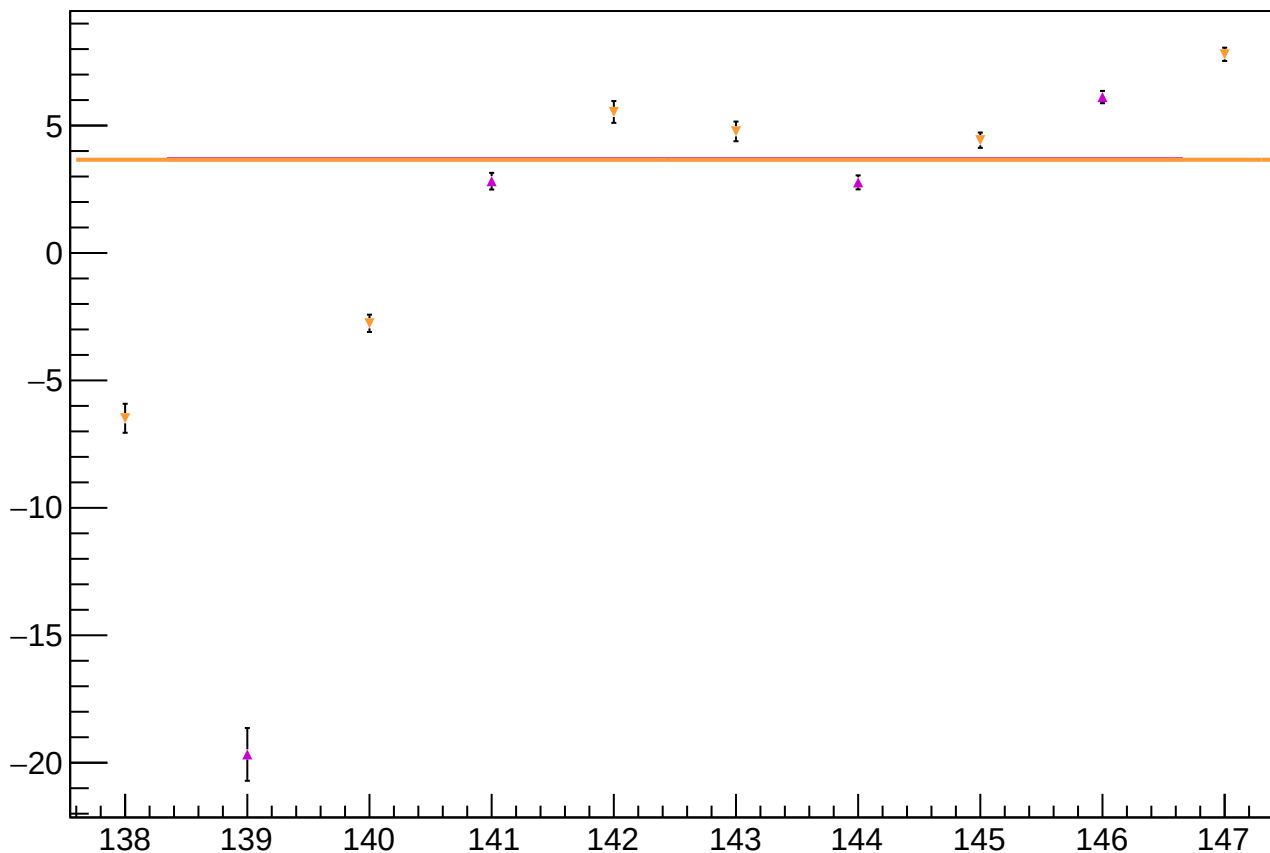
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.300+/-0.219 χ^2/NDF :297.5/3

Out: 11.771+/-0.202 χ^2/NDF :1731.6/5

All: 10.175+/-0.148 χ^2/NDF : 2165.3/9

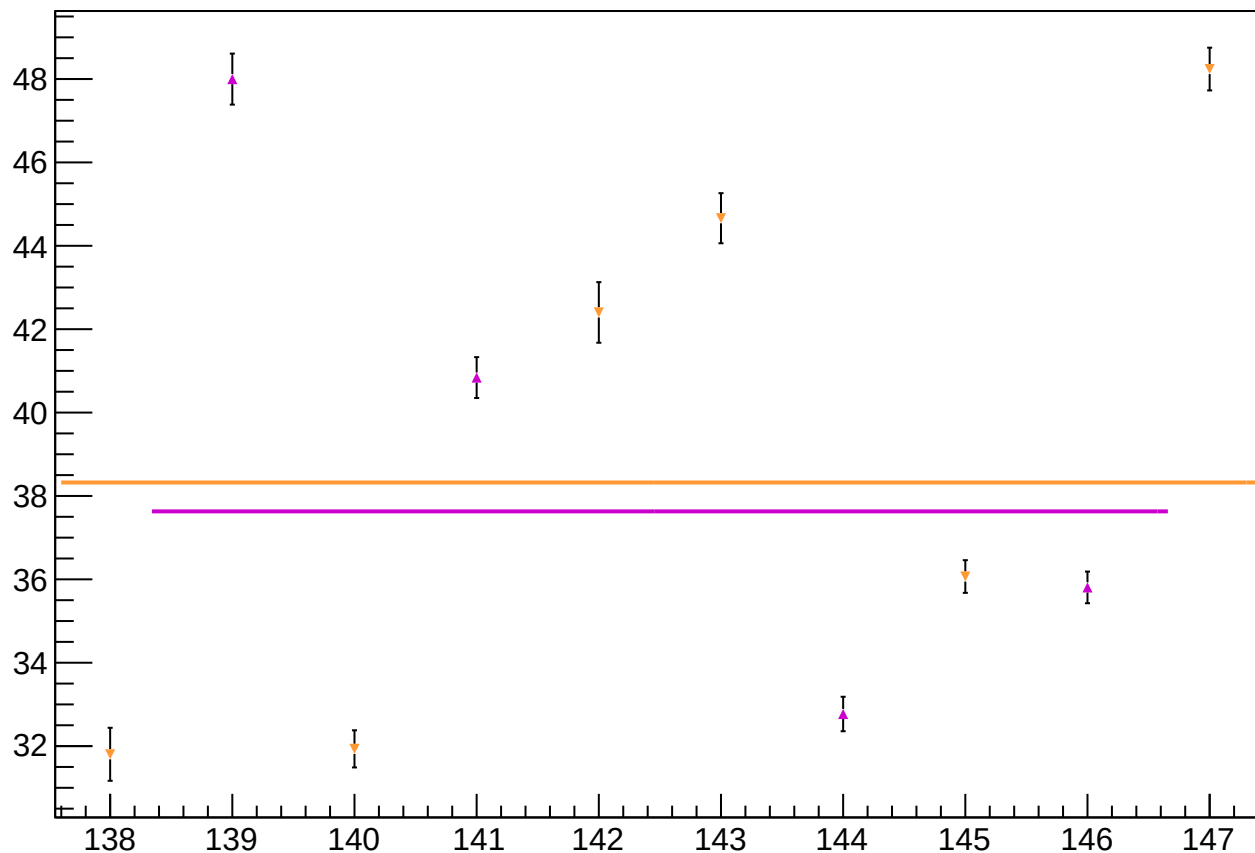
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.659+/-0.142 χ^2/NDF :960.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.680+/-0.157 χ^2/NDF :628.9/3

Left: 3.669+/-0.105 χ^2/NDF : 1589.3/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.680+/-0.157 χ^2/NDF :628.9/3
 Out: 3.659+/-0.142 χ^2/NDF :960.4/5
 All: 3.669+/-0.105 χ^2/NDF : 1589.3/9

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 38.323+/-0.211 χ^2/NDF :861.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 37.630+/-0.226 χ^2/NDF :490.9/3

Left: 38.000+/-0.154 χ^2/NDF : 1357.0/9

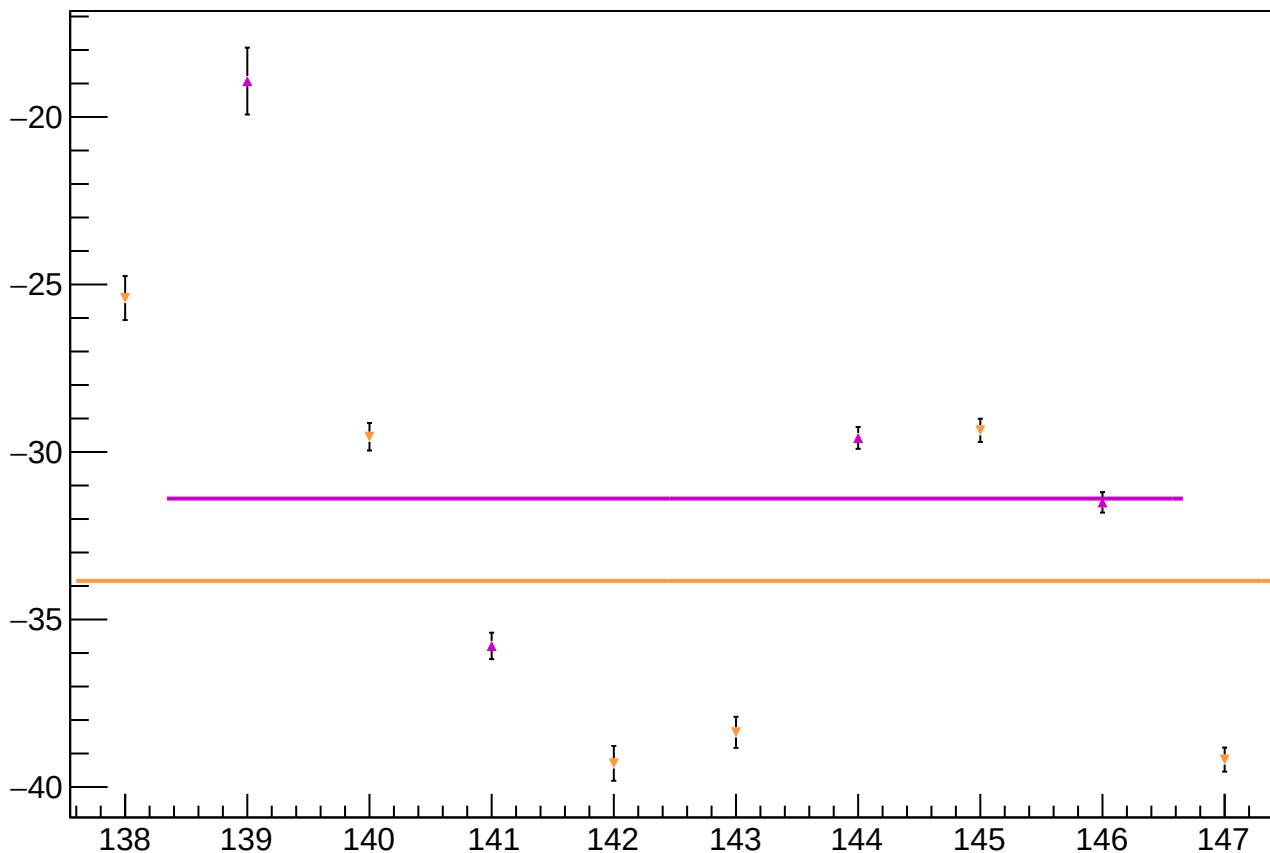
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 37.630+/-0.226 χ^2/NDF :490.9/3

Out: 38.323+/-0.211 χ^2/NDF :861.0/5

All: 38.000+/-0.154 χ^2/NDF : 1357.0/9

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.848+/-0.175 χ^2/NDF : 868.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Left: -32.723+/-0.129 χ^2/NDF : 1270.3/9

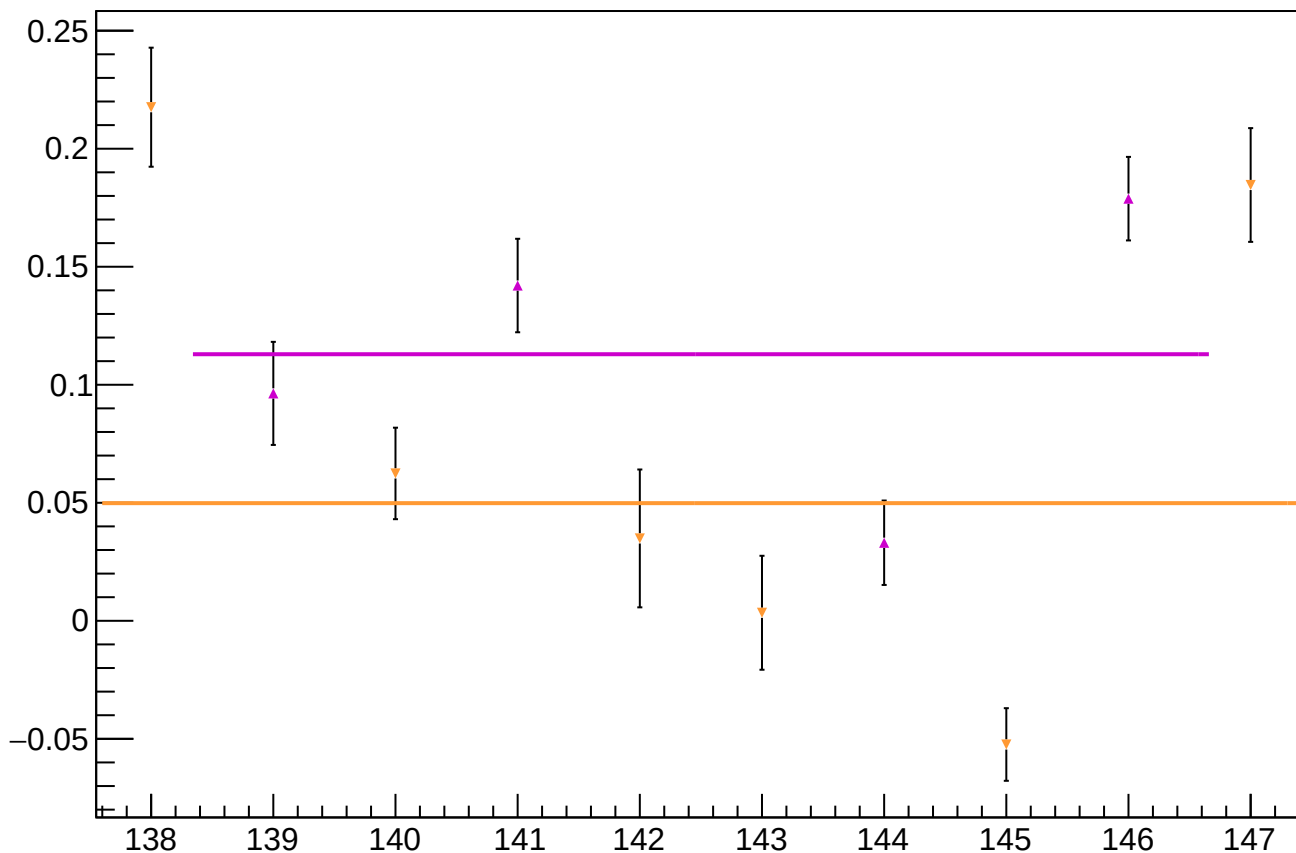
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Out: -33.848+/-0.175 χ^2/NDF : 868.7/5

All: -32.723+/-0.129 χ^2/NDF : 1270.3/9

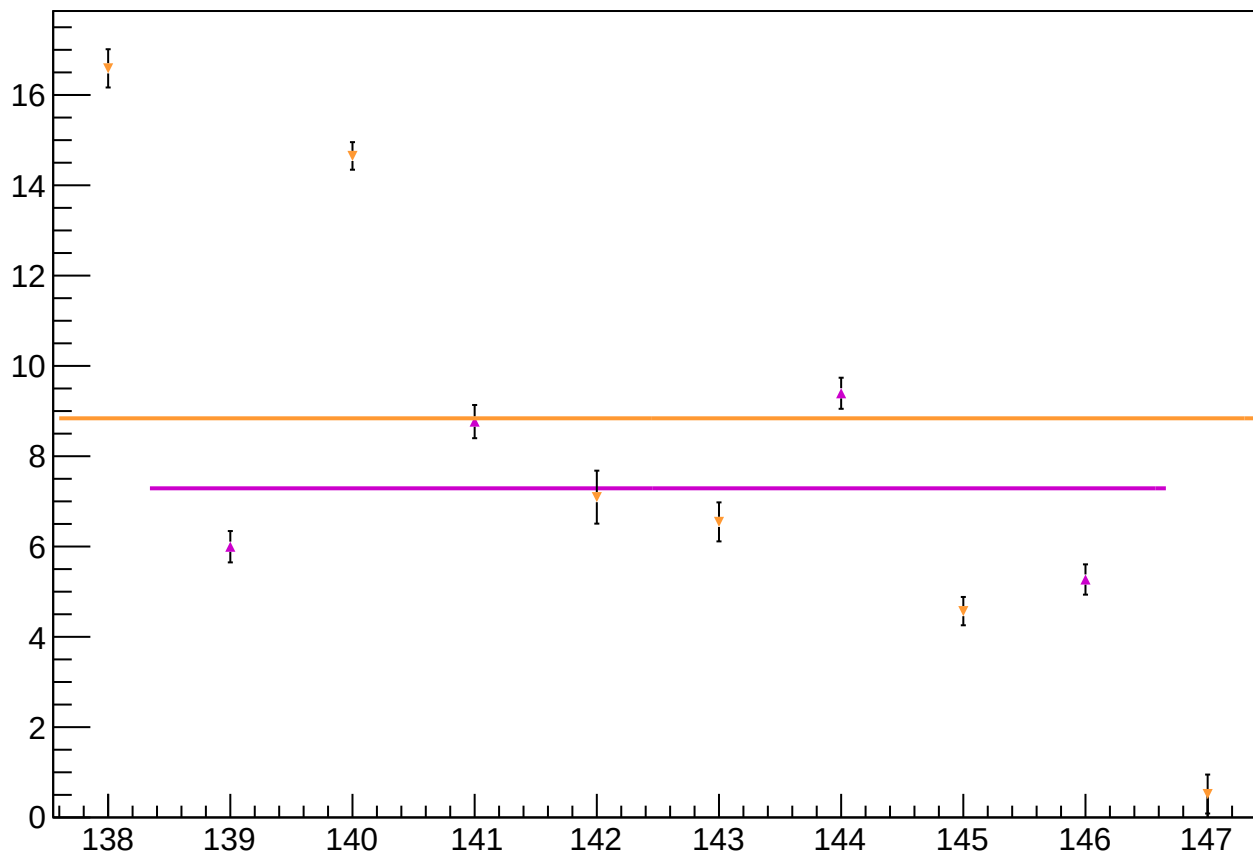
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.050 $\pm$ 0.009 χ^2 /NDF:124.1/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Left: 0.079 $\pm$ 0.006 χ^2 /NDF: 184.4/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3
 Out: 0.050 $\pm$ 0.009 χ^2 /NDF:124.1/5
 All: 0.079 $\pm$ 0.006 χ^2 /NDF: 184.4/9

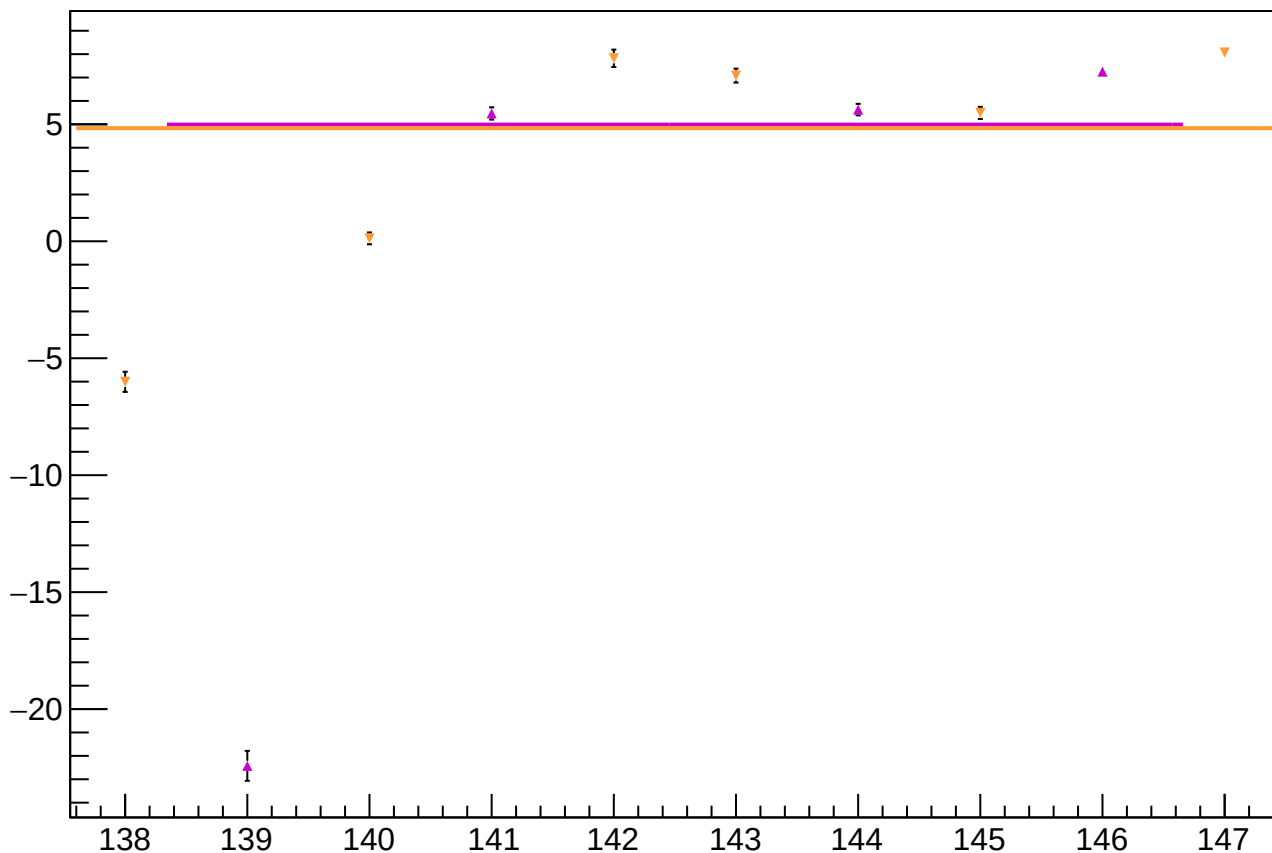
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.840+/-0.158 χ^2/NDF :1291.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.289+/-0.174 χ^2/NDF :103.6/3

Left: 8.140+/-0.117 χ^2/NDF : 1438.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.289+/-0.174 χ^2/NDF :103.6/3
 Out: 8.840+/-0.158 χ^2/NDF :1291.7/5
 All: 8.140+/-0.117 χ^2/NDF : 1438.9/9

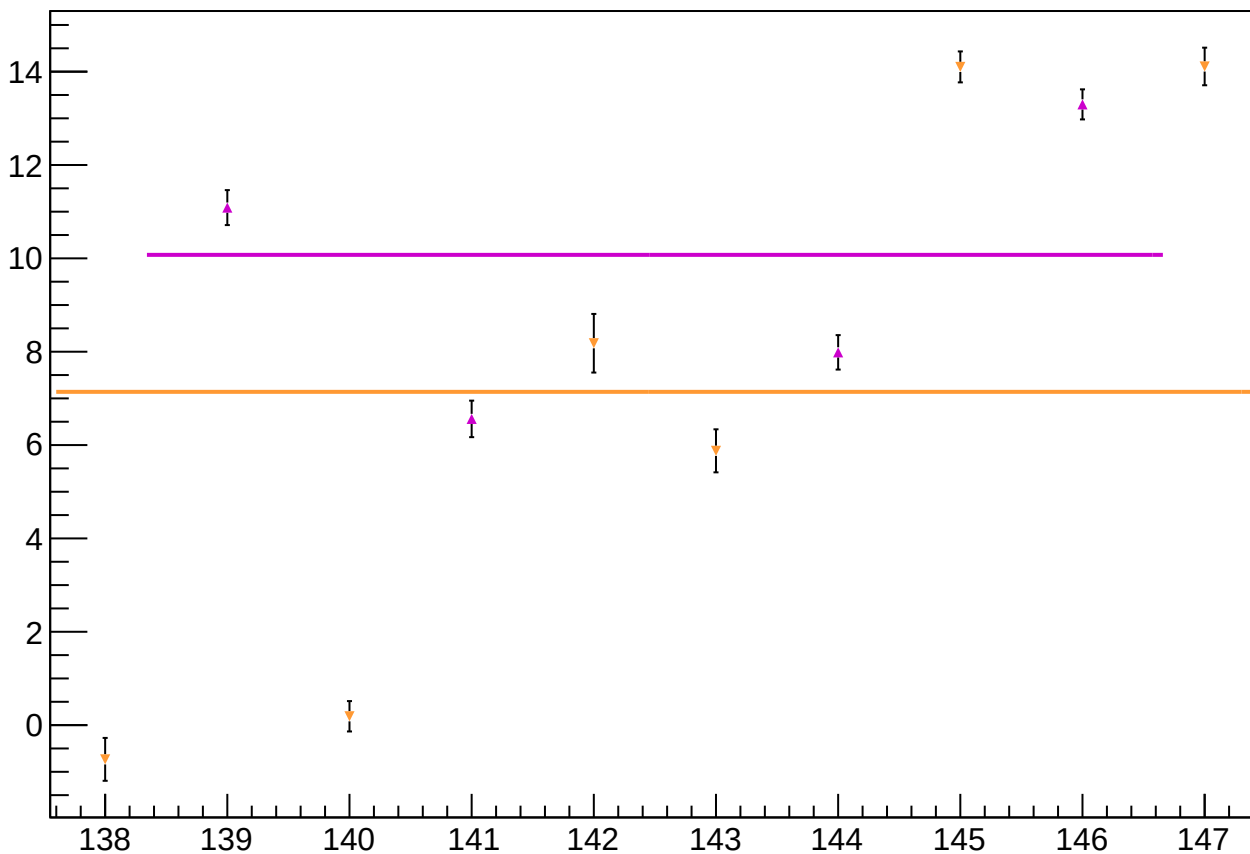
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.835+/-0.113 χ^2/NDF :1350.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.988+/-0.135 χ^2/NDF :1963.6/3

Left: 4.899+/-0.087 χ^2/NDF : 3314.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.988+/-0.135 χ^2/NDF :1963.6/3
 Out: 4.835+/-0.113 χ^2/NDF :1350.6/5
 All: 4.899+/-0.087 χ^2/NDF : 3314.9/9

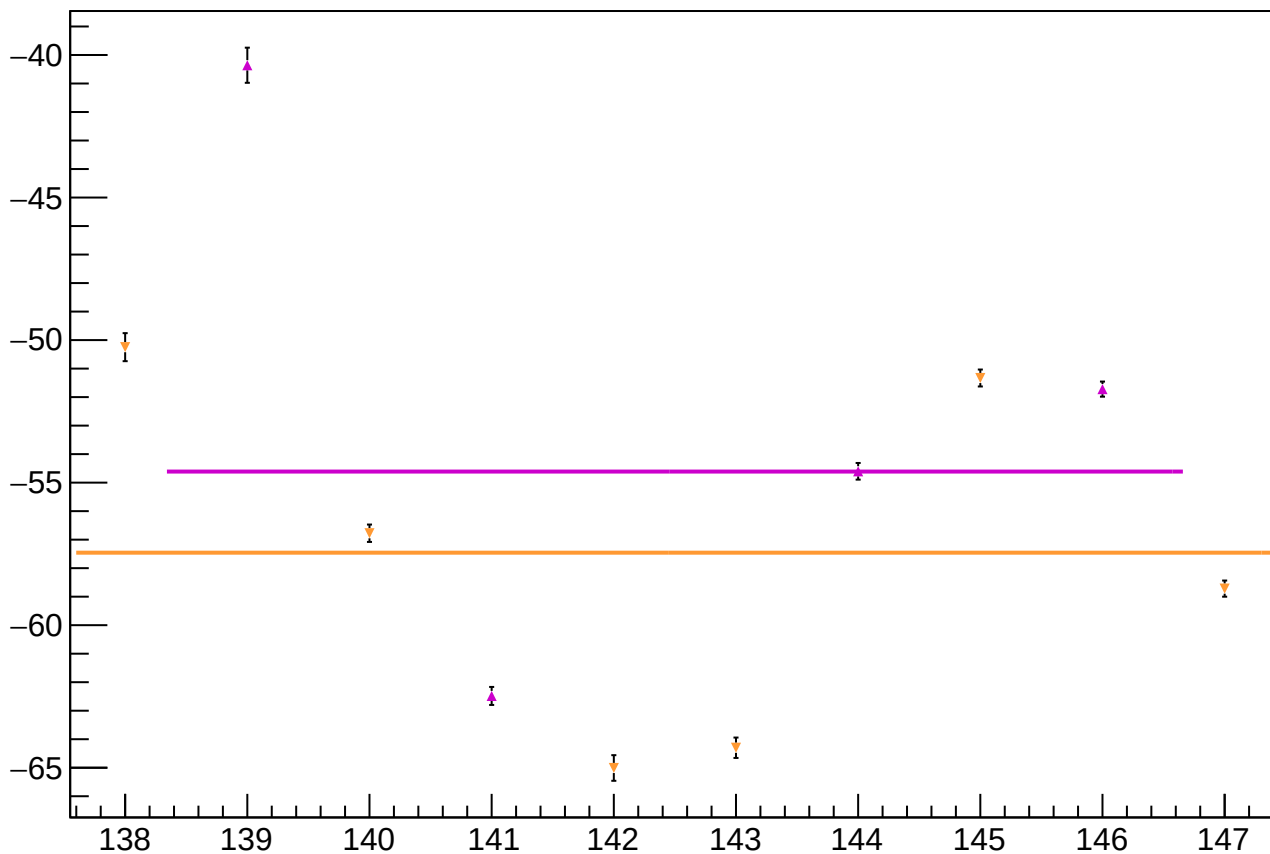
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.140+/-0.165 χ^2/NDF :1501.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.075+/-0.181 χ^2/NDF :220.3/3

Left: 8.476+/-0.122 χ^2/NDF : 1865.1/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.075+/-0.181 χ^2/NDF :220.3/3
 Out: 7.140+/-0.165 χ^2/NDF :1501.0/5
 All: 8.476+/-0.122 χ^2/NDF : 1865.1/9

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.457+/-0.139 χ^2/NDF :1313.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Left: -56.237+/-0.105 χ^2/NDF : 2766.0/9

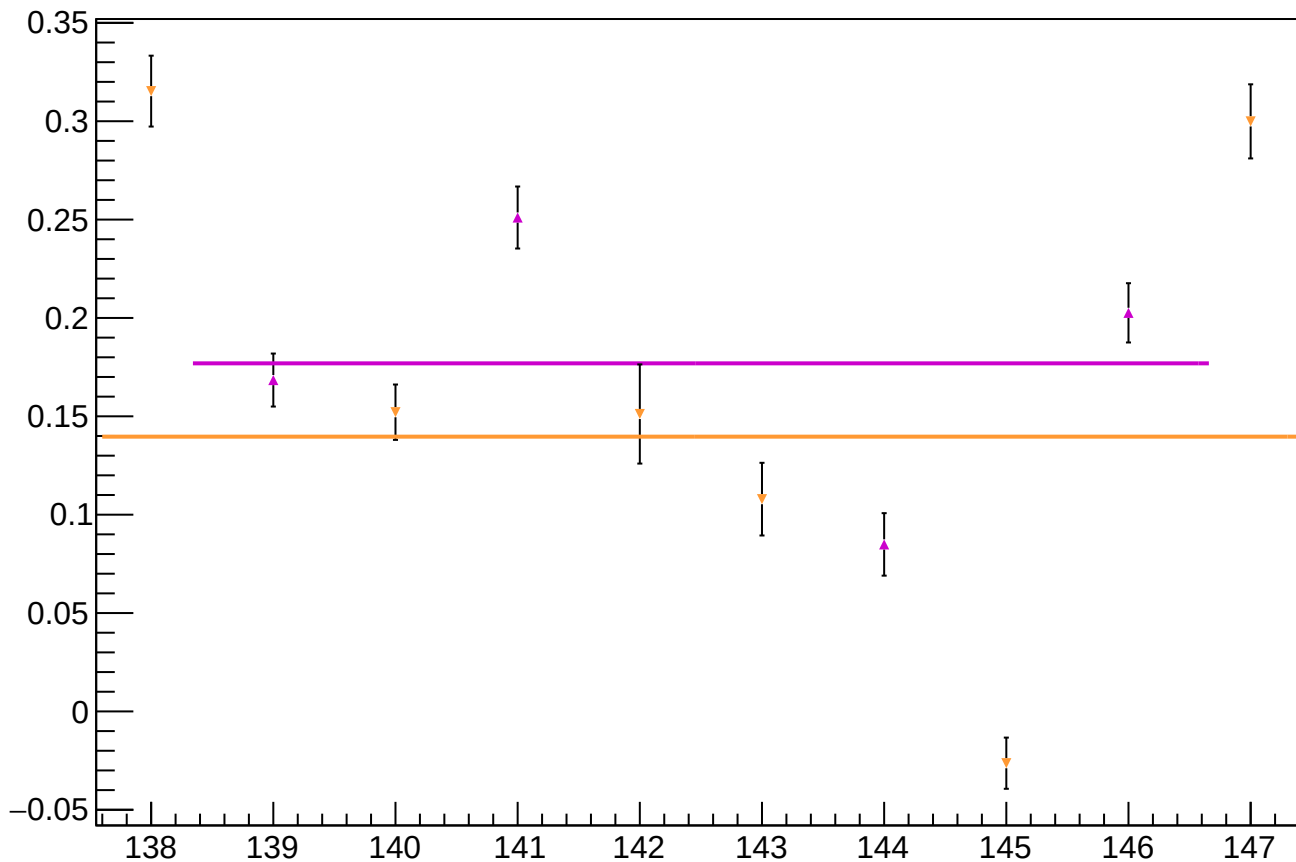
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Out: -57.457+/-0.139 χ^2/NDF :1313.0/5

All: -56.237+/-0.105 χ^2/NDF : 2766.0/9

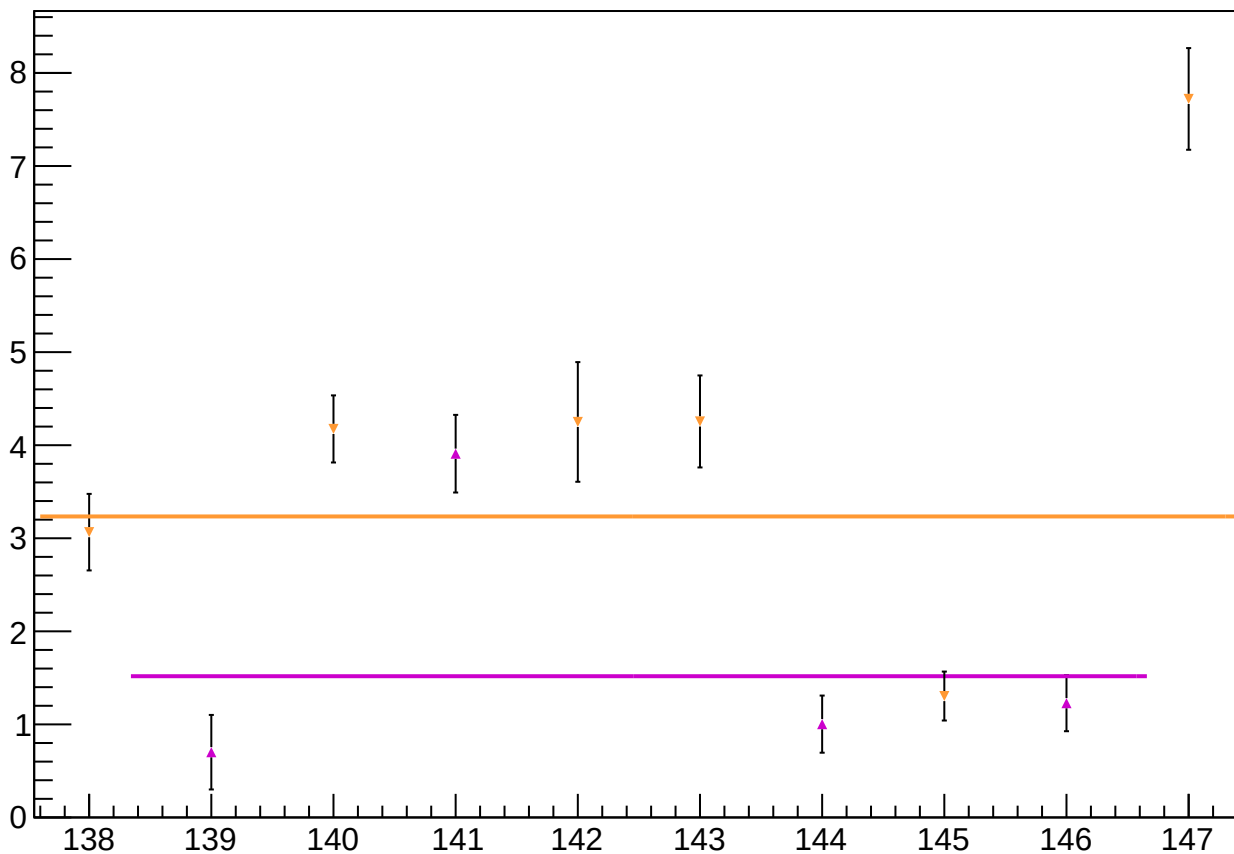
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.140+/-0.007 χ^2/NDF :334.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.177+/-0.007 χ^2/NDF :59.0/3

Left: 0.157+/-0.005 χ^2/NDF : 406.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.177+/-0.007 χ^2/NDF :59.0/3
 Out: 0.140+/-0.007 χ^2/NDF :334.1/5
 All: 0.157+/-0.005 χ^2/NDF : 406.6/9

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3.234 $\pm$ 0.162 χ^2 /NDF:135.0/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Left: 2.428 $\pm$ 0.118 χ^2 /NDF: 228.2/9

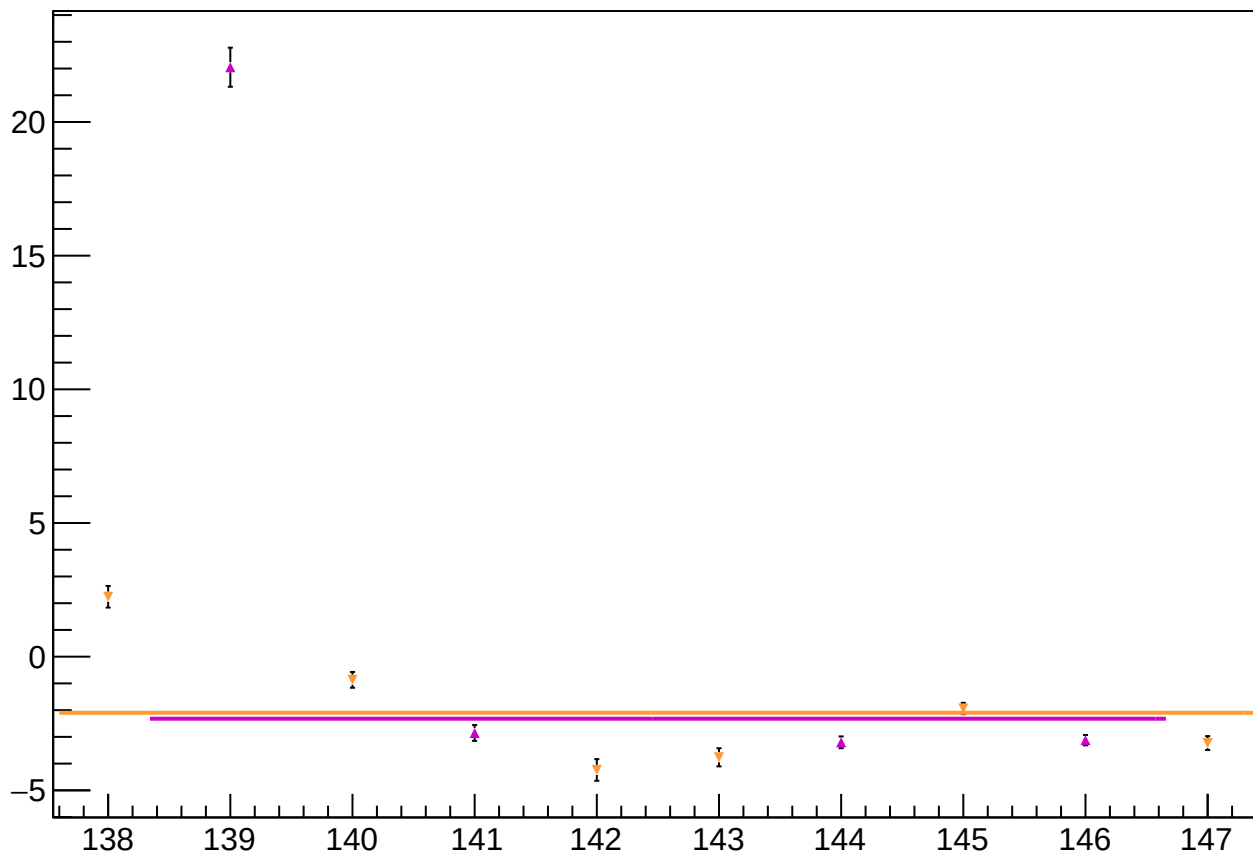
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Out: 3.234 $\pm$ 0.162 χ^2 /NDF:135.0/5

All: 2.428 $\pm$ 0.118 χ^2 /NDF: 228.2/9

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.098+/-0.120 χ^2/NDF :204.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Left: -2.201+/-0.088 χ^2/NDF : 1353.5/9

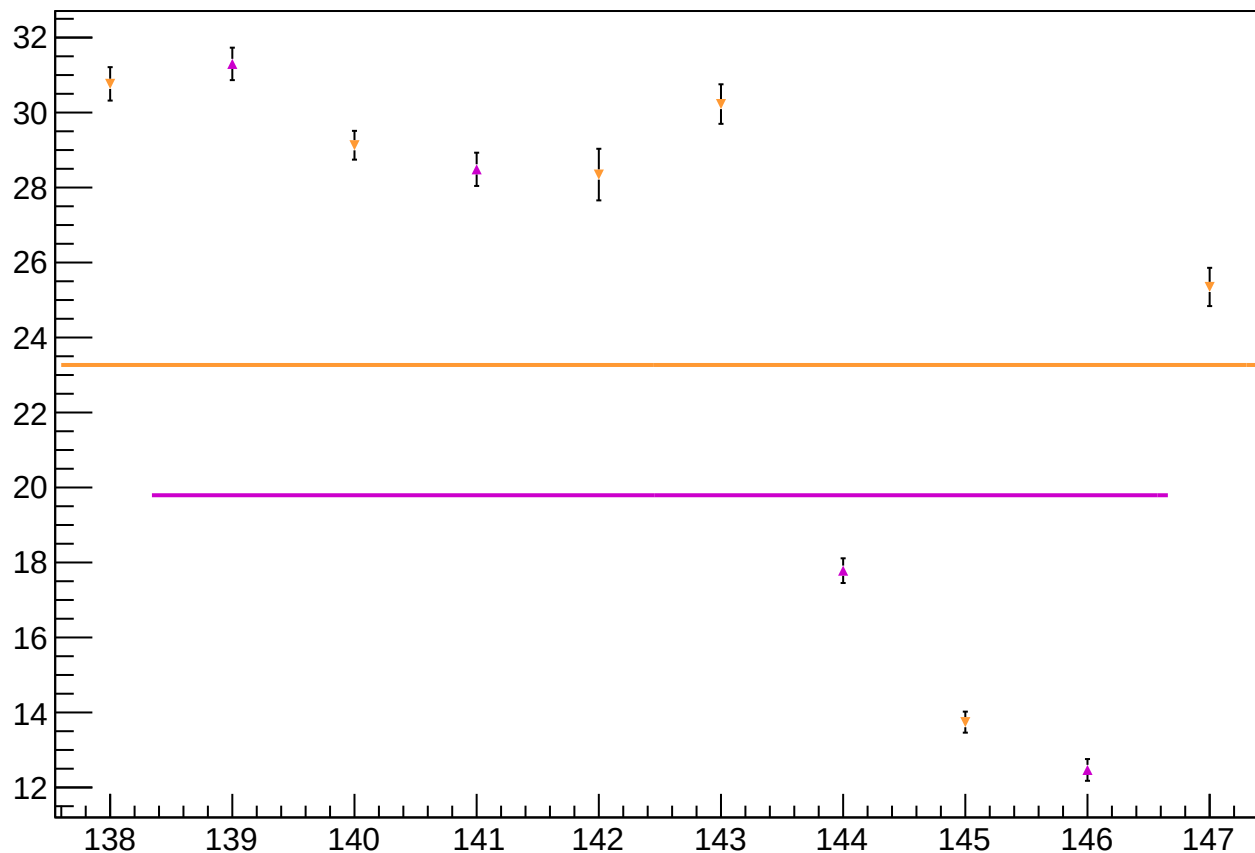
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Out: -2.098+/-0.120 χ^2/NDF :204.2/5

All: -2.201+/-0.088 χ^2/NDF : 1353.5/9

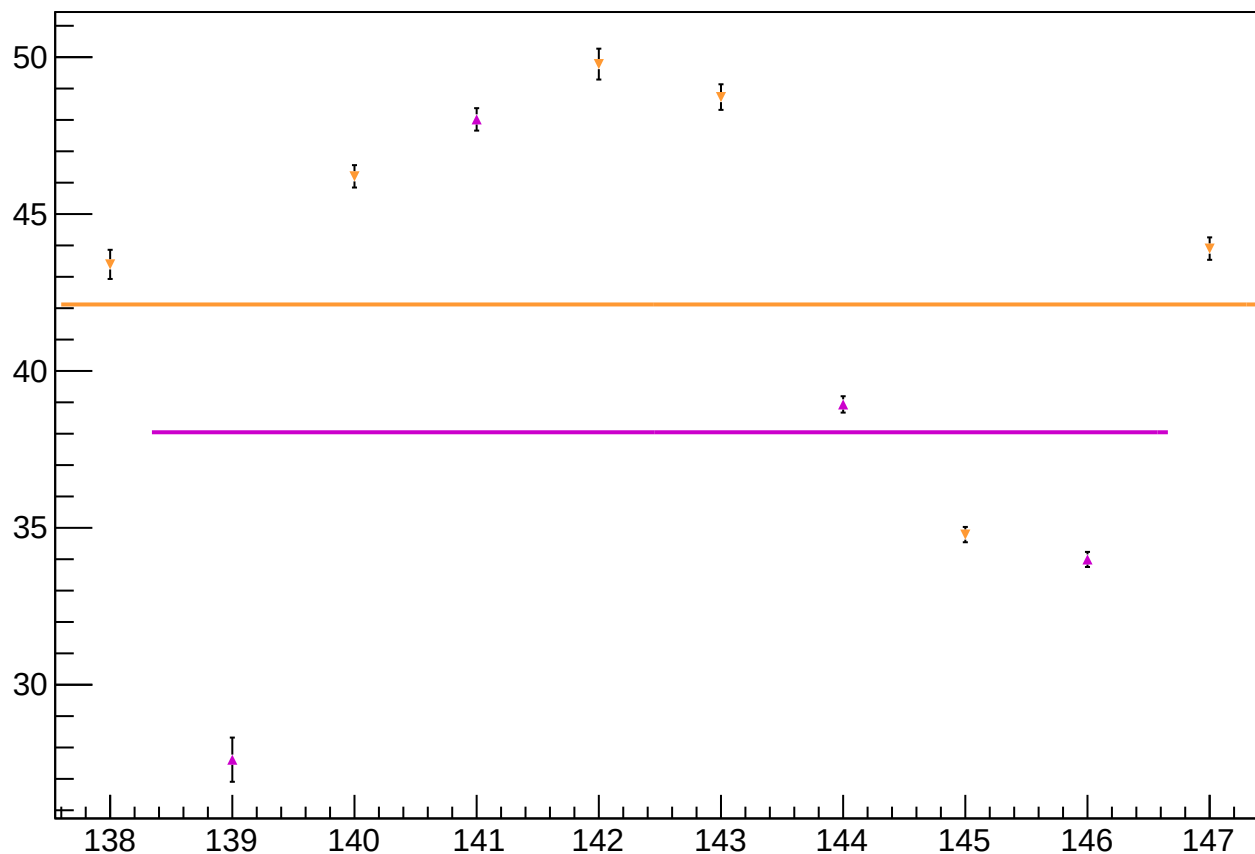
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.268+/-0.171 χ^2/NDF :1915.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.793+/-0.178 χ^2/NDF :1766.2/3

Left: 21.598+/-0.123 χ^2/NDF : 3879.4/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.793+/-0.178 χ^2/NDF :1766.2/3
 Out: 23.268+/-0.171 χ^2/NDF :1915.4/5
 All: 21.598+/-0.123 χ^2/NDF : 3879.4/9

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.119+/-0.145 χ^2/NDF :1571.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Left: 40.206+/-0.106 χ^2/NDF : 3232.3/9

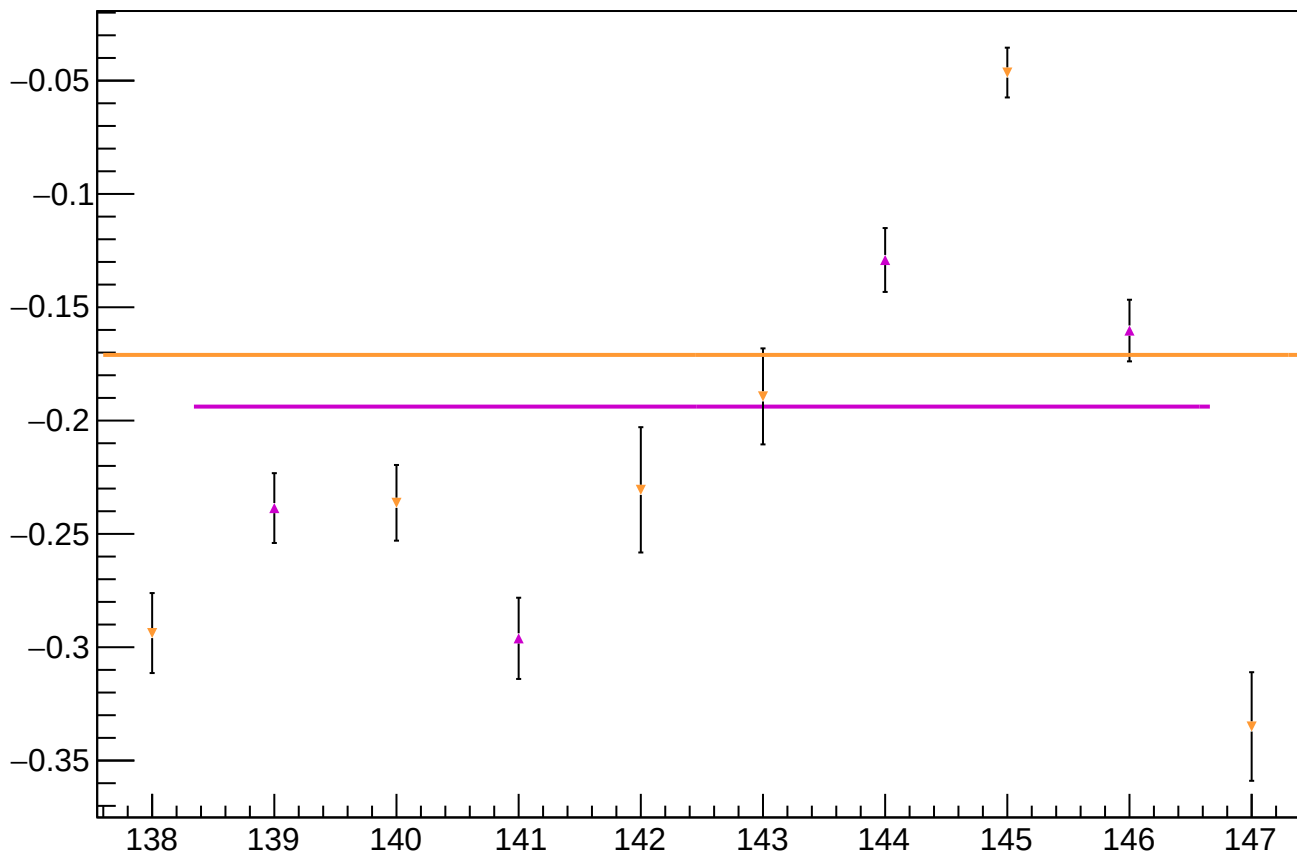
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Out: 42.119+/-0.145 χ^2/NDF :1571.8/5

All: 40.206+/-0.106 χ^2/NDF : 3232.3/9

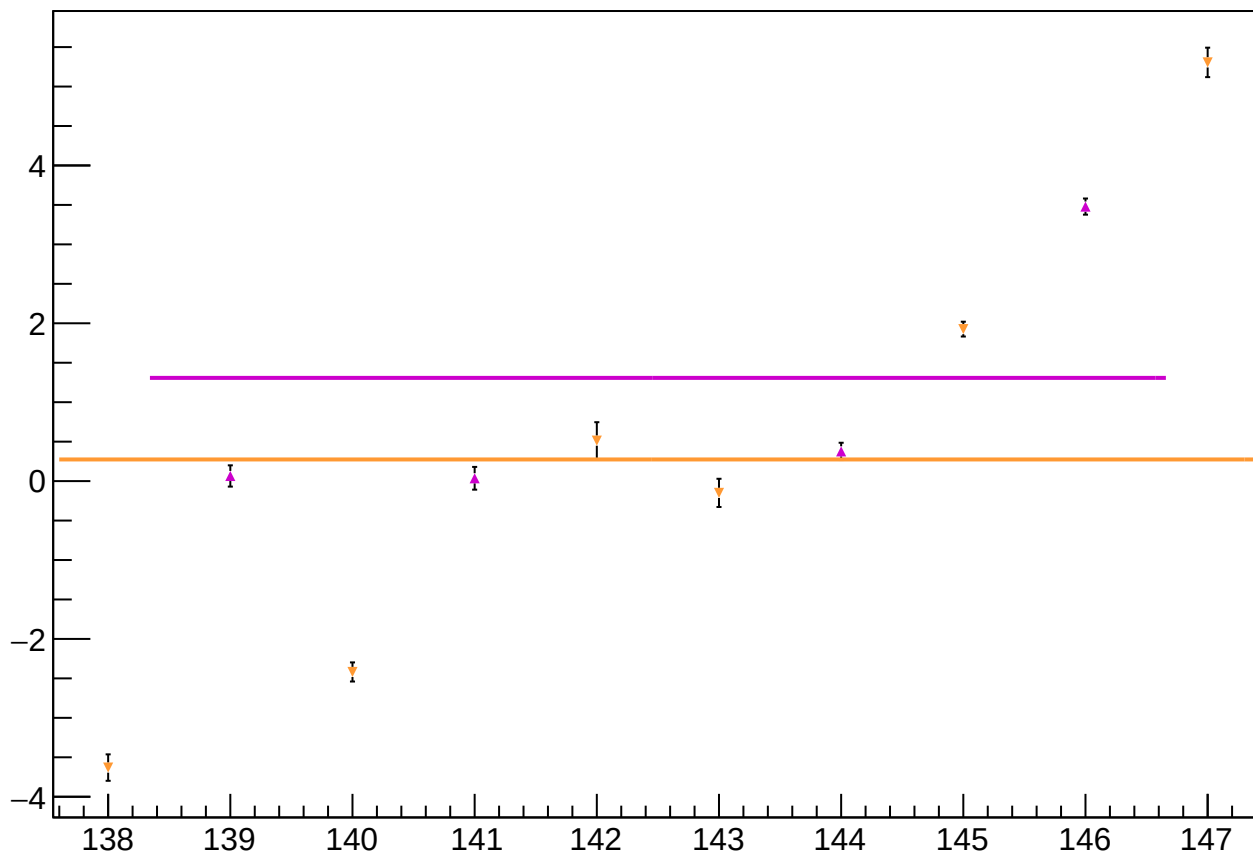
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.171+/-0.007 χ^2/NDF :244.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.194+/-0.008 χ^2/NDF :68.2/3

Left: -0.182+/-0.005 χ^2/NDF : 317.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.194+/-0.008 χ^2/NDF :68.2/3
 Out: -0.171+/-0.007 χ^2/NDF :244.5/5
 All: -0.182+/-0.005 χ^2/NDF : 317.6/9

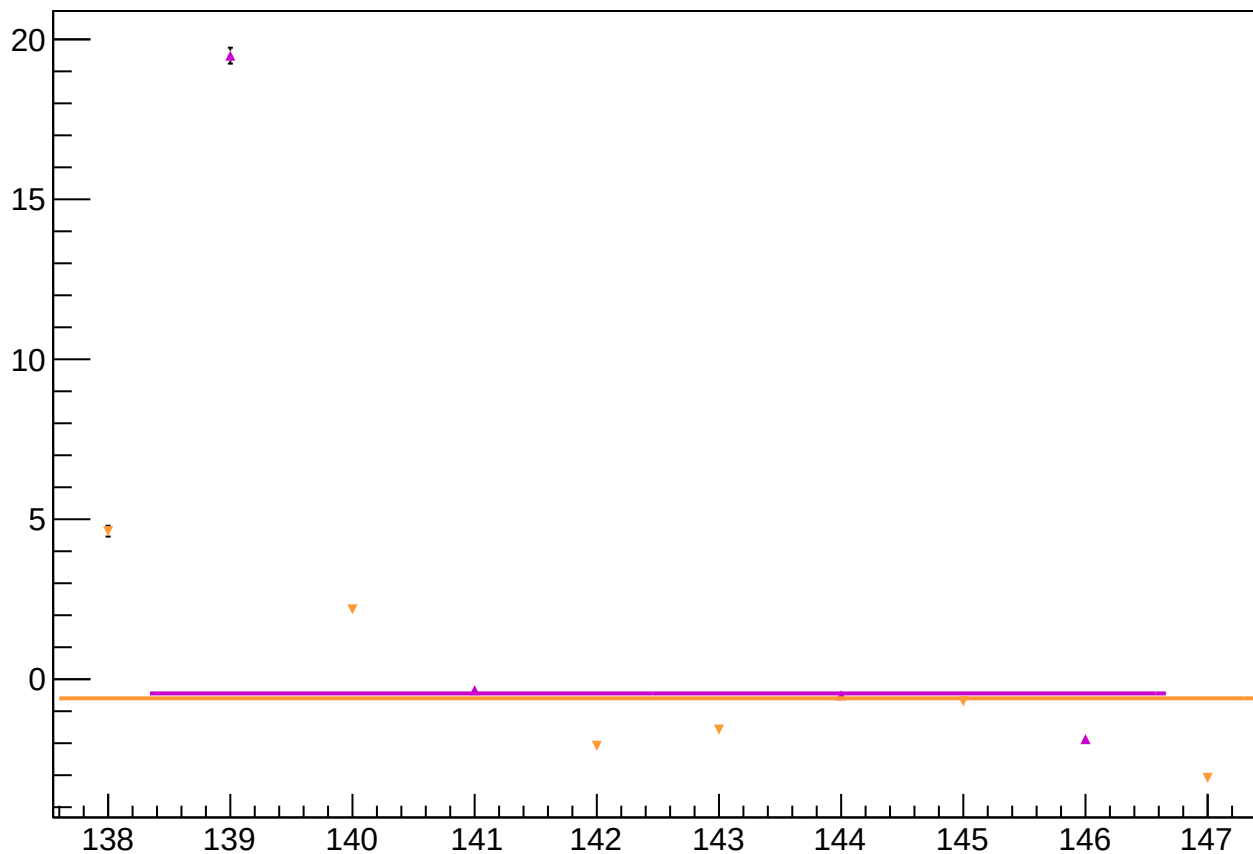
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.274 $\pm$ 0.058 χ^2 /NDF:2080.2/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3

Left: 0.780 $\pm$ 0.042 χ^2 /NDF: 2920.5/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3
 Out: 0.274 $\pm$ 0.058 χ^2 /NDF:2080.2/5
 All: 0.780 $\pm$ 0.042 χ^2 /NDF: 2920.5/9

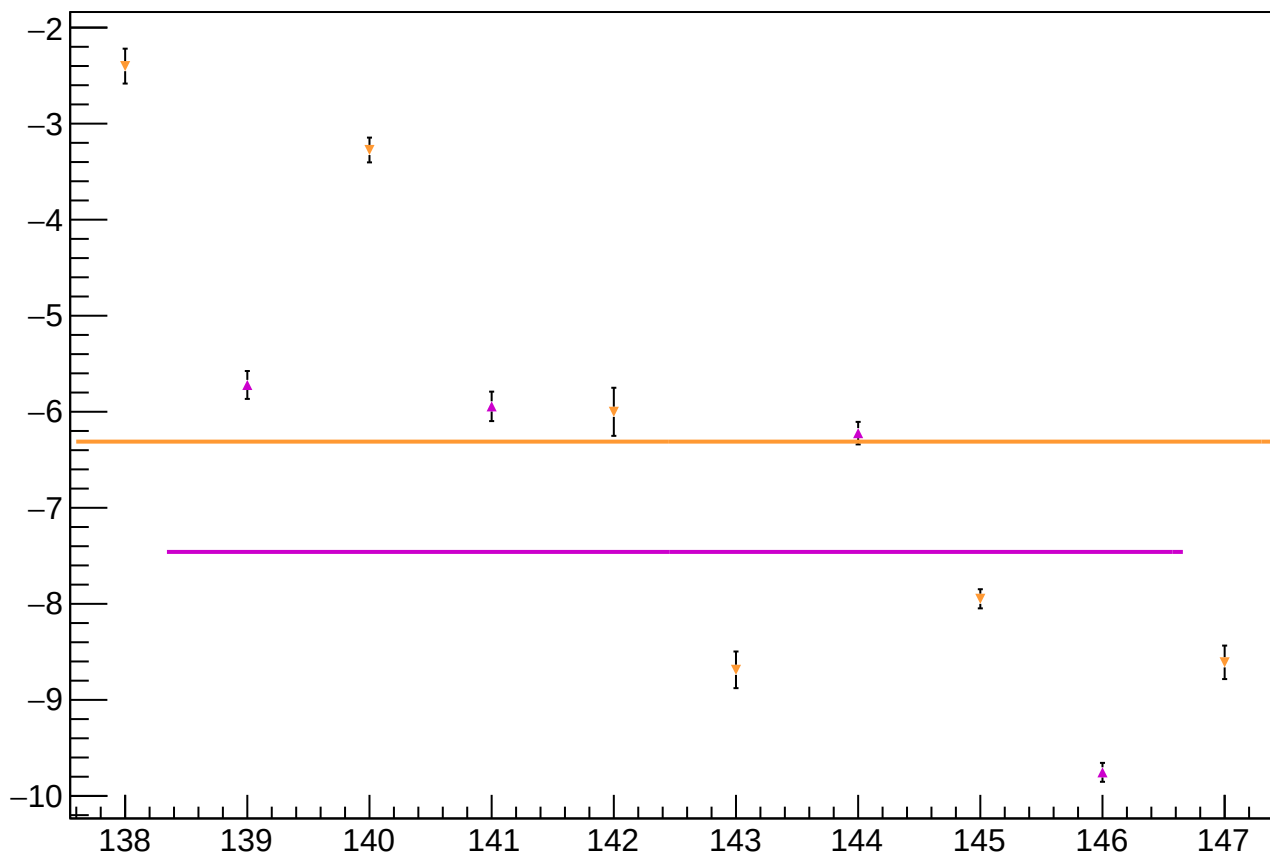
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.597+/-0.043 χ^2/NDF : 2664.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.444+/-0.045 χ^2/NDF : 6861.1/3

Left: -0.524+/-0.031 χ^2/NDF : 9531.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.444+/-0.045 χ^2/NDF : 6861.1/3
 Out: -0.597+/-0.043 χ^2/NDF : 2664.5/5
 All: -0.524+/-0.031 χ^2/NDF : 9531.6/9

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.311+/-0.061 χ^2/NDF :1617.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.459+/-0.061 χ^2/NDF :895.0/3

Left: -6.883+/-0.043 χ^2/NDF : 2688.3/9

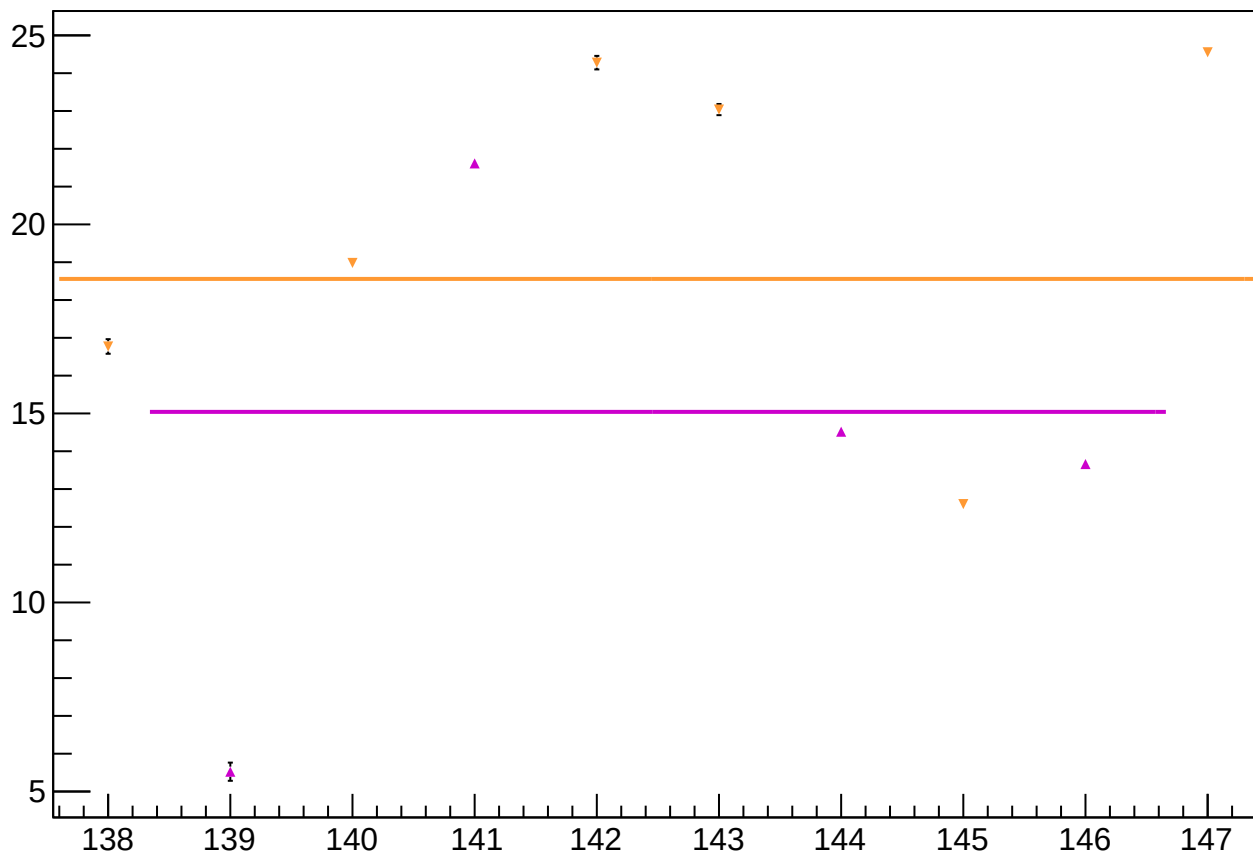
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.459+/-0.061 χ^2/NDF :895.0/3

Out: -6.311+/-0.061 χ^2/NDF :1617.5/5

All: -6.883+/-0.043 χ^2/NDF : 2688.3/9

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 18.558+/-0.052 χ^2/NDF : 8983.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.041+/-0.054 χ^2/NDF : 4698.2/3

Left: 16.852+/-0.037 χ^2/NDF : 15885.3/9

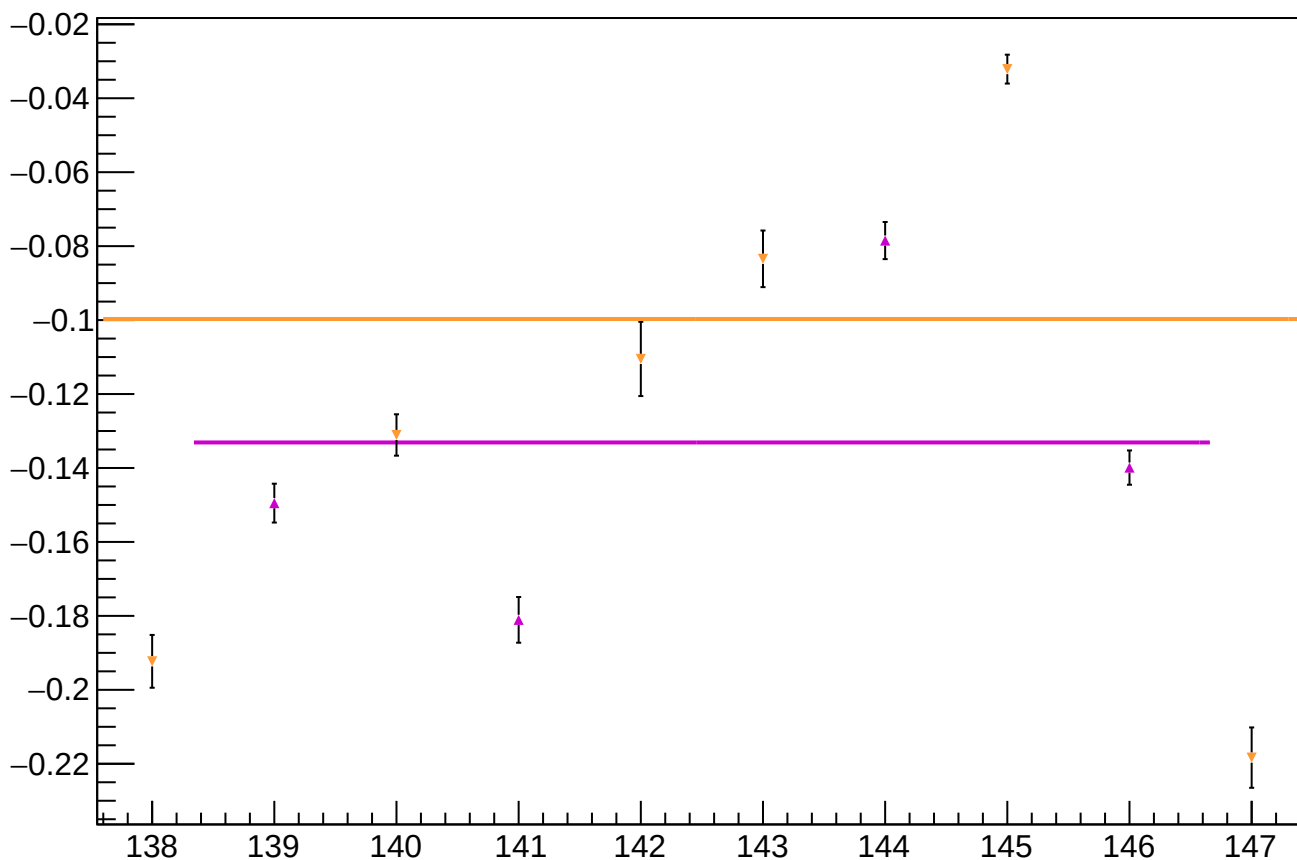
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.041+/-0.054 χ^2/NDF : 4698.2/3

Out: 18.558+/-0.052 χ^2/NDF : 8983.8/5

All: 16.852+/-0.037 χ^2/NDF : 15885.3/9

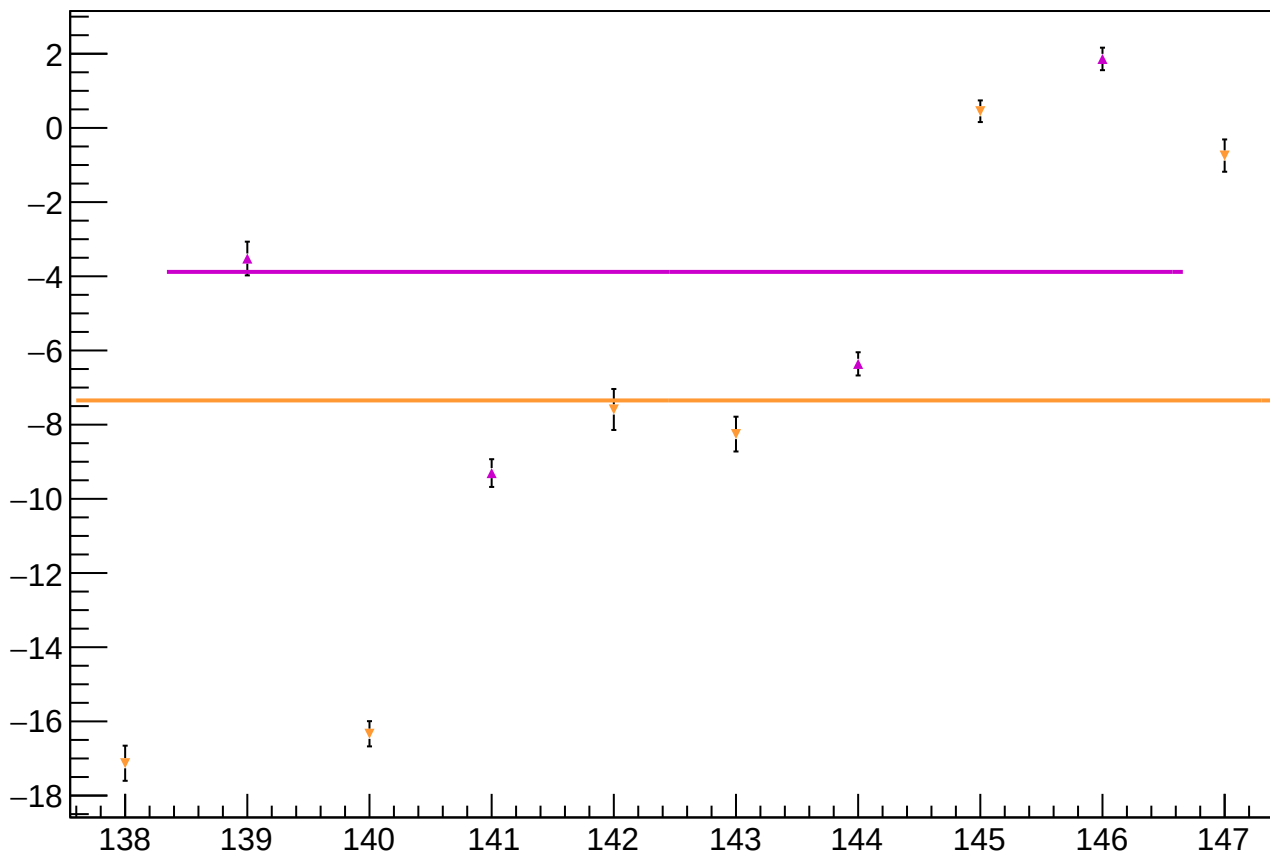
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.100+/-0.003 χ^2/NDF : 715.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.133+/-0.003 χ^2/NDF : 190.4/3

Left: -0.116+/-0.002 χ^2/NDF : 991.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.133+/-0.003 χ^2/NDF : 190.4/3
 Out: -0.100+/-0.003 χ^2/NDF : 715.4/5
 All: -0.116+/-0.002 χ^2/NDF : 991.5/9

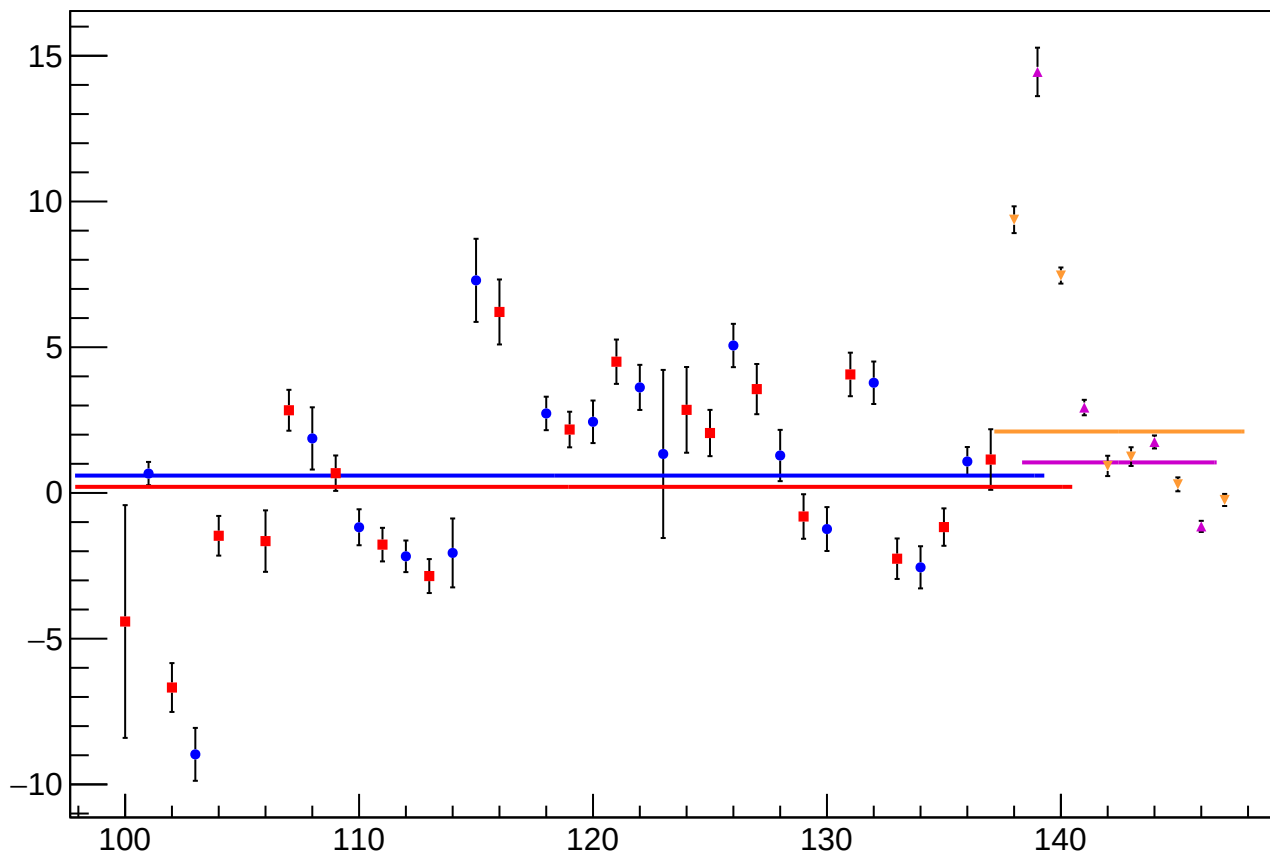
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.347 $\pm$ 0.162 χ^2 /NDF:2072.1/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.881 $\pm$ 0.174 χ^2 /NDF:632.0/3

Left: -5.733 $\pm$ 0.119 χ^2 /NDF: 2916.3/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.881 $\pm$ 0.174 χ^2 /NDF:632.0/3
 Out: -7.347 $\pm$ 0.162 χ^2 /NDF:2072.1/5
 All: -5.733 $\pm$ 0.119 χ^2 /NDF: 2916.3/9

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 2.108 $\pm$ 0.114 χ^2 /NDF:830.2/5

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

Left In: 1.048 $\pm$ 0.126 χ^2 /NDF:452.0/3

Left: 1.629 $\pm$ 0.085 χ^2 /NDF: 1321.2/9

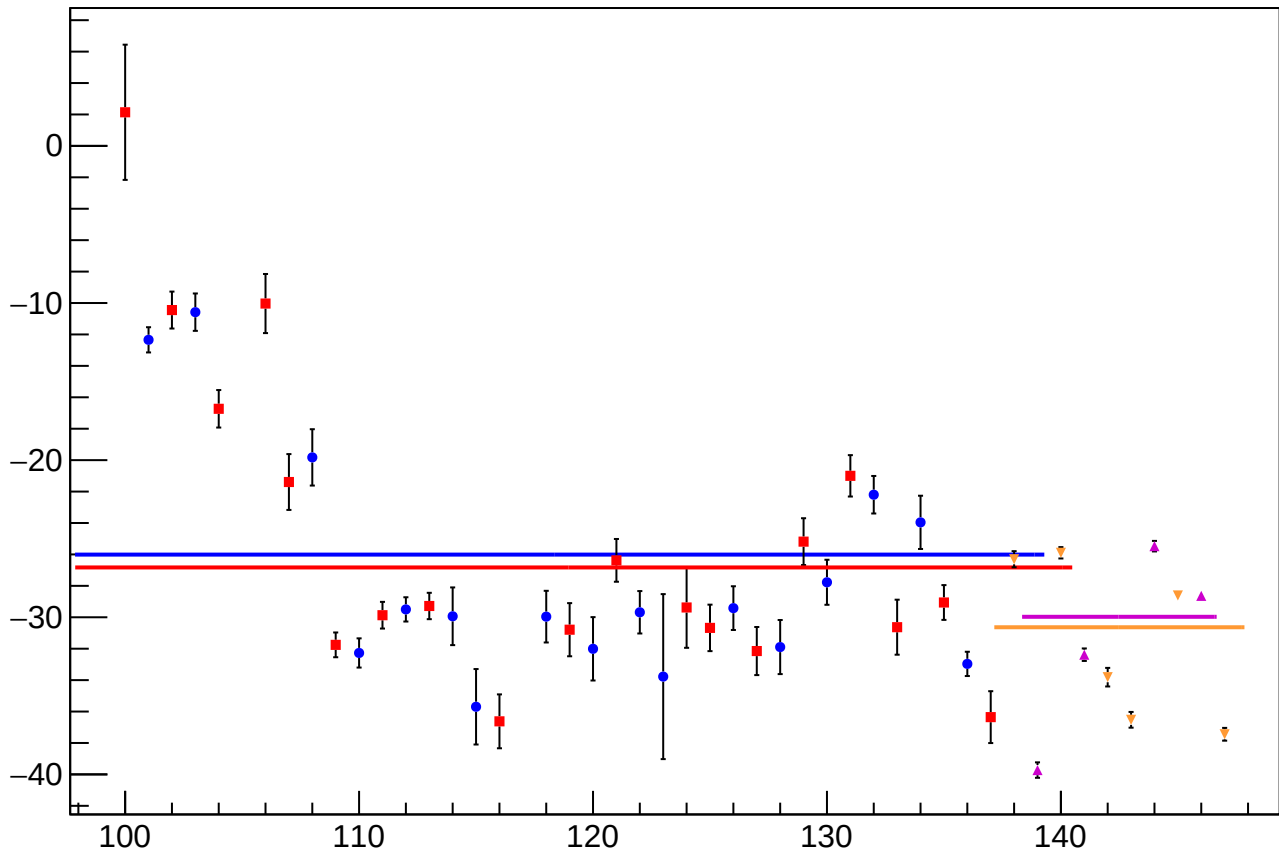
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 0.886 $\pm$ 0.101 χ^2 /NDF:747.8/20

Out: 1.539 $\pm$ 0.096 χ^2 /NDF:1186.5/24

All: 1.230 $\pm$ 0.069 χ^2 /NDF: 1956.3/45

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 $\chi^2/\text{NDF}: 692.9/16$

Left Out: -30.636 ± 0.170 $\chi^2/\text{NDF}: 733.0/5$

Right Out: -26.829 ± 0.297 $\chi^2/\text{NDF}: 581.6/18$

Left In: -29.970 ± 0.179 $\chi^2/\text{NDF}: 631.7/3$

Left: -30.321 ± 0.123 $\chi^2/\text{NDF}: 1372.0/9$

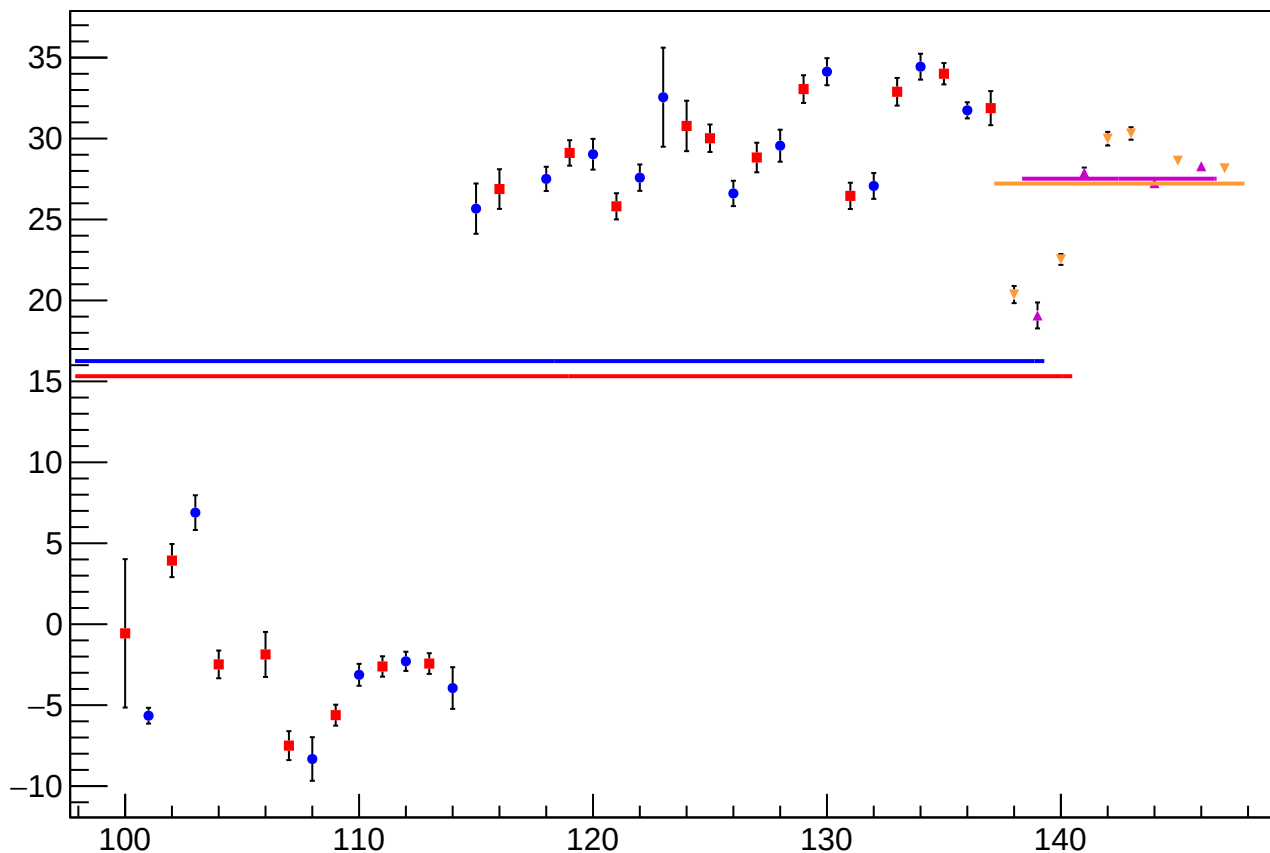
Right: -26.423 ± 0.211 $\chi^2/\text{NDF}: 1278.3/35$

In: -28.926 ± 0.154 $\chi^2/\text{NDF}: 1453.1/20$

Out: -29.702 ± 0.147 $\chi^2/\text{NDF}: 1438.2/24$

All: -29.331 ± 0.106 $\chi^2/\text{NDF}: 2904.6/45$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF : 7611.3/16

Left Out: 27.220+/-0.141 χ^2/NDF : 508.2/5

Right Out: 15.318+/-0.197 χ^2/NDF : 7280.1/18

Left In: 27.520+/-0.152 χ^2/NDF : 123.8/3

Left: 27.359+/-0.103 χ^2/NDF : 634.1/9

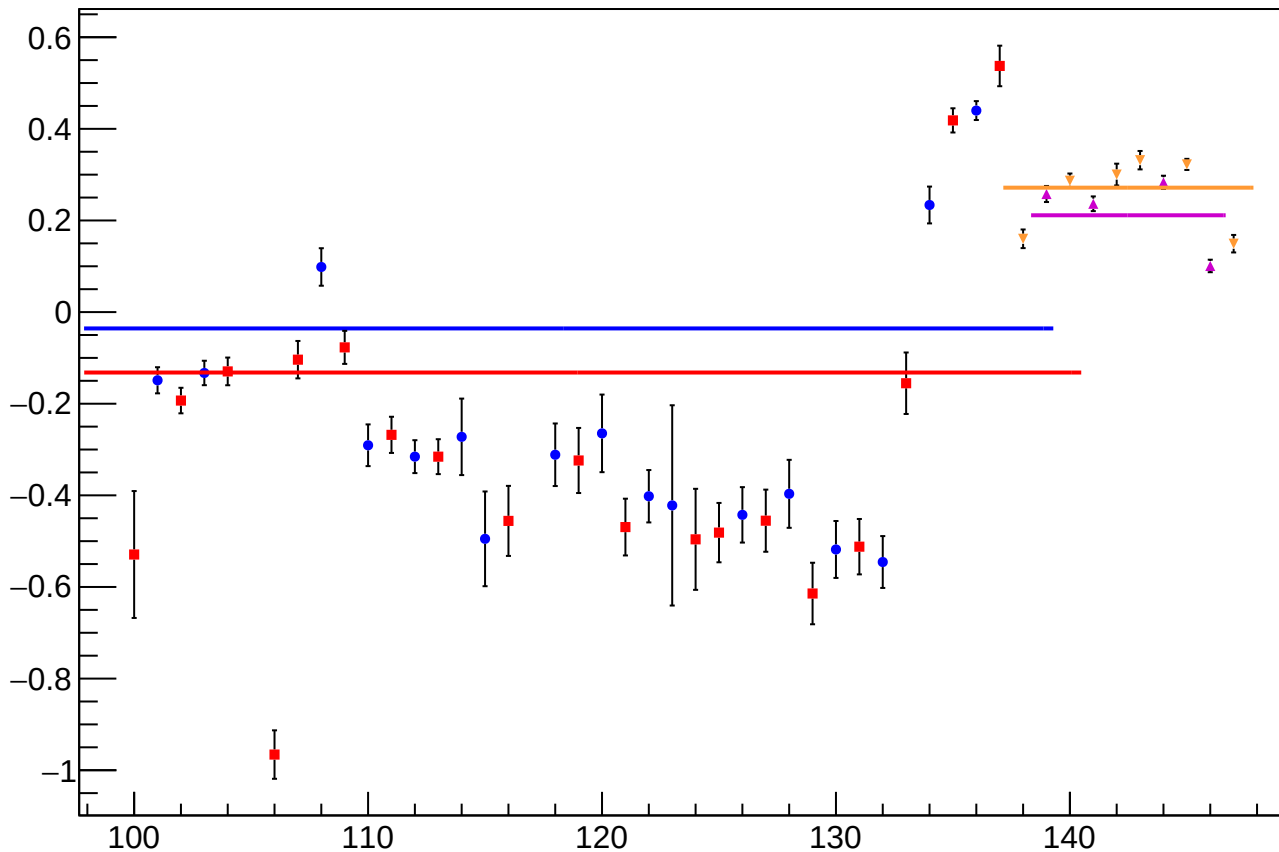
Right: 15.800+/-0.137 χ^2/NDF : 14903.0/35

In: 23.143+/-0.119 χ^2/NDF : 9862.5/20

Out: 23.191+/-0.115 χ^2/NDF : 10202.9/24

All: 23.168+/-0.083 χ^2/NDF : 20065.4/45

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.272 ± 0.007 χ^2/NDF : 99.9/5

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.211 ± 0.008 χ^2/NDF : 99.7/3

Left: 0.244 ± 0.005 χ^2/NDF : 233.4/9

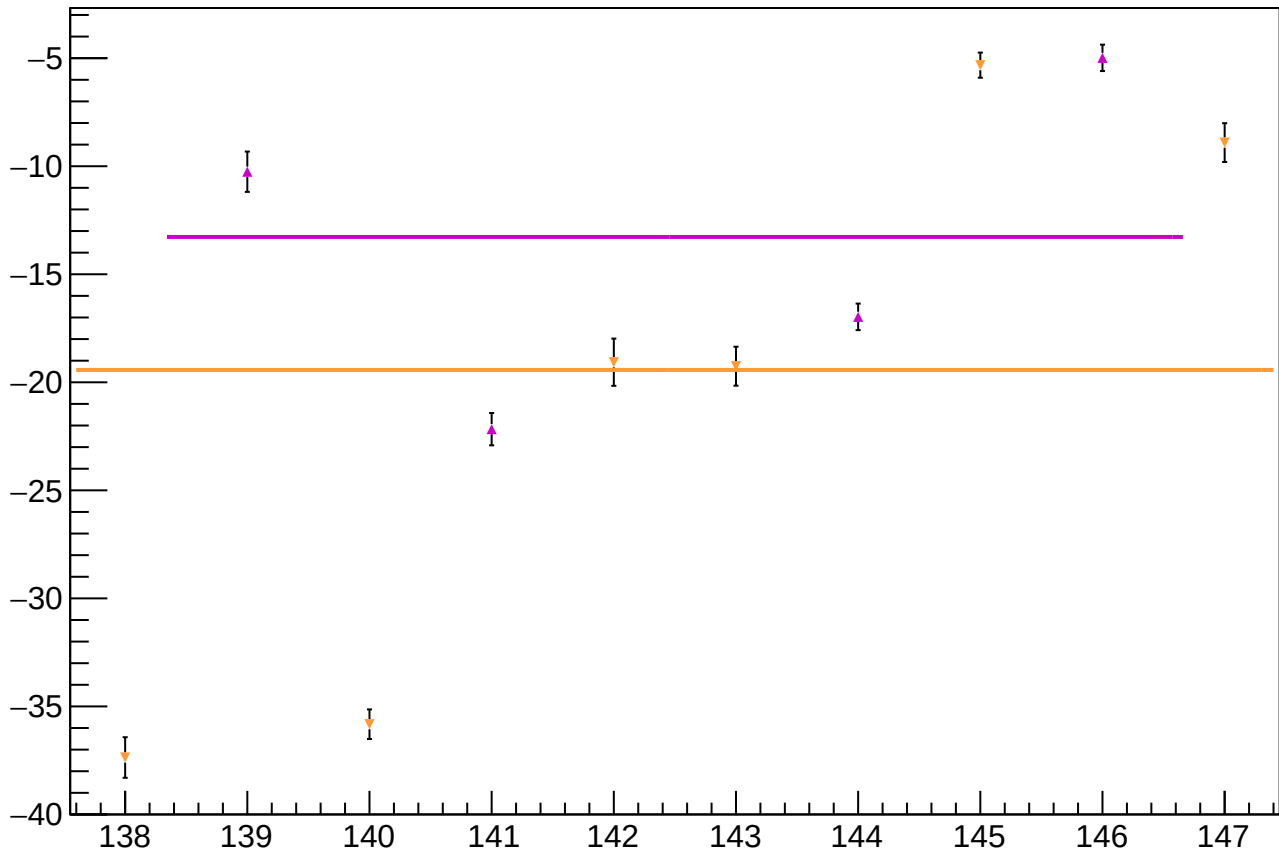
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.124 ± 0.006 χ^2/NDF : 1485.6/20

Out: 0.144 ± 0.006 χ^2/NDF : 2309.8/24

All: 0.135 ± 0.004 χ^2/NDF : 3801.1/45

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -19.428+/-0.324 χ^2 /NDF:1663.7/5

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -13.273+/-0.348 χ^2 /NDF:372.3/3

Left: -16.568+/-0.237 χ^2 /NDF: 2203.7/9

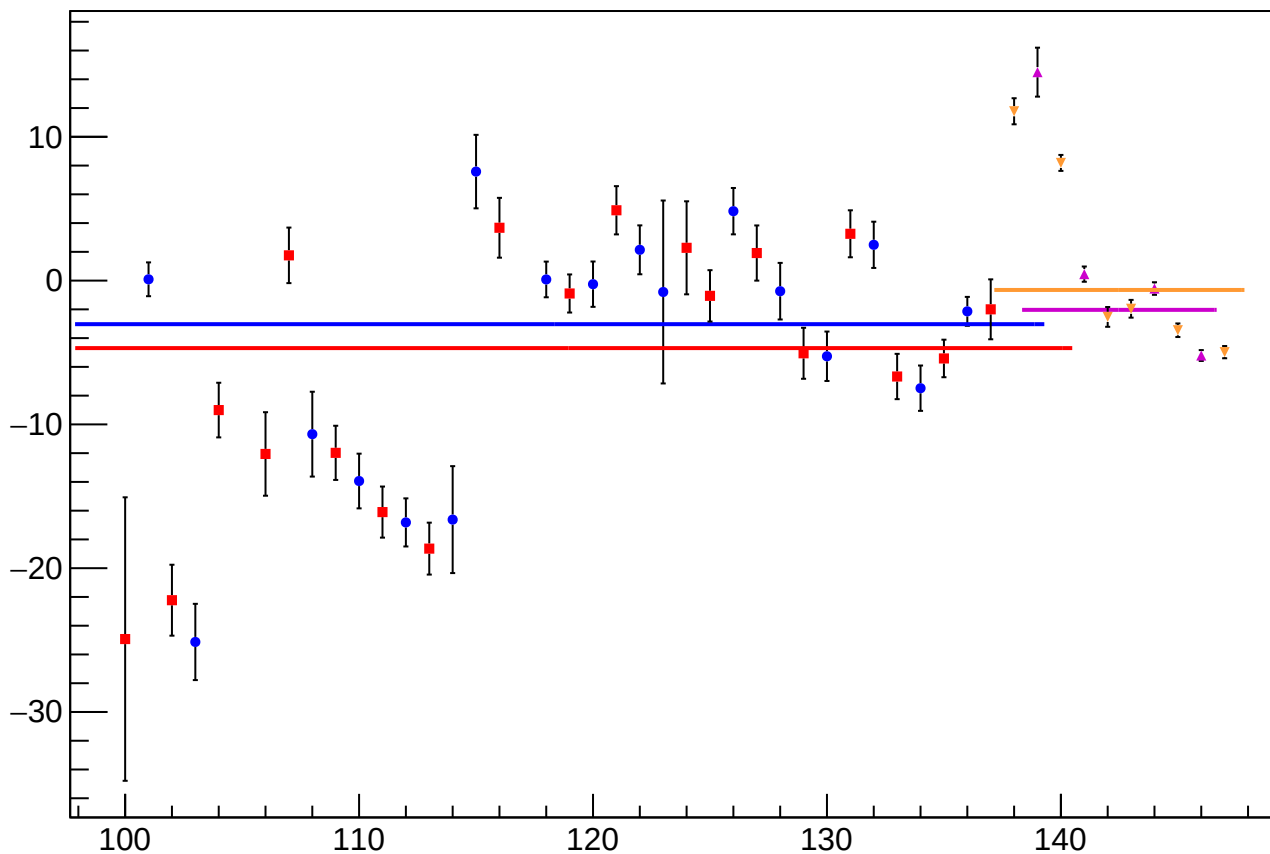
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -13.273+/-0.348 χ^2 /NDF:372.3/3

Out: -19.428+/-0.324 χ^2 /NDF:1663.7/5

All: -16.568+/-0.237 χ^2 /NDF: 2203.7/9

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 $\chi^2/\text{NDF}: 280.8/16$

Left Out: -0.650 ± 0.228 $\chi^2/\text{NDF}: 591.2/5$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

Left In: -2.034 ± 0.249 $\chi^2/\text{NDF}: 198.5/3$

Left: -1.283 ± 0.168 $\chi^2/\text{NDF}: 806.5/9$

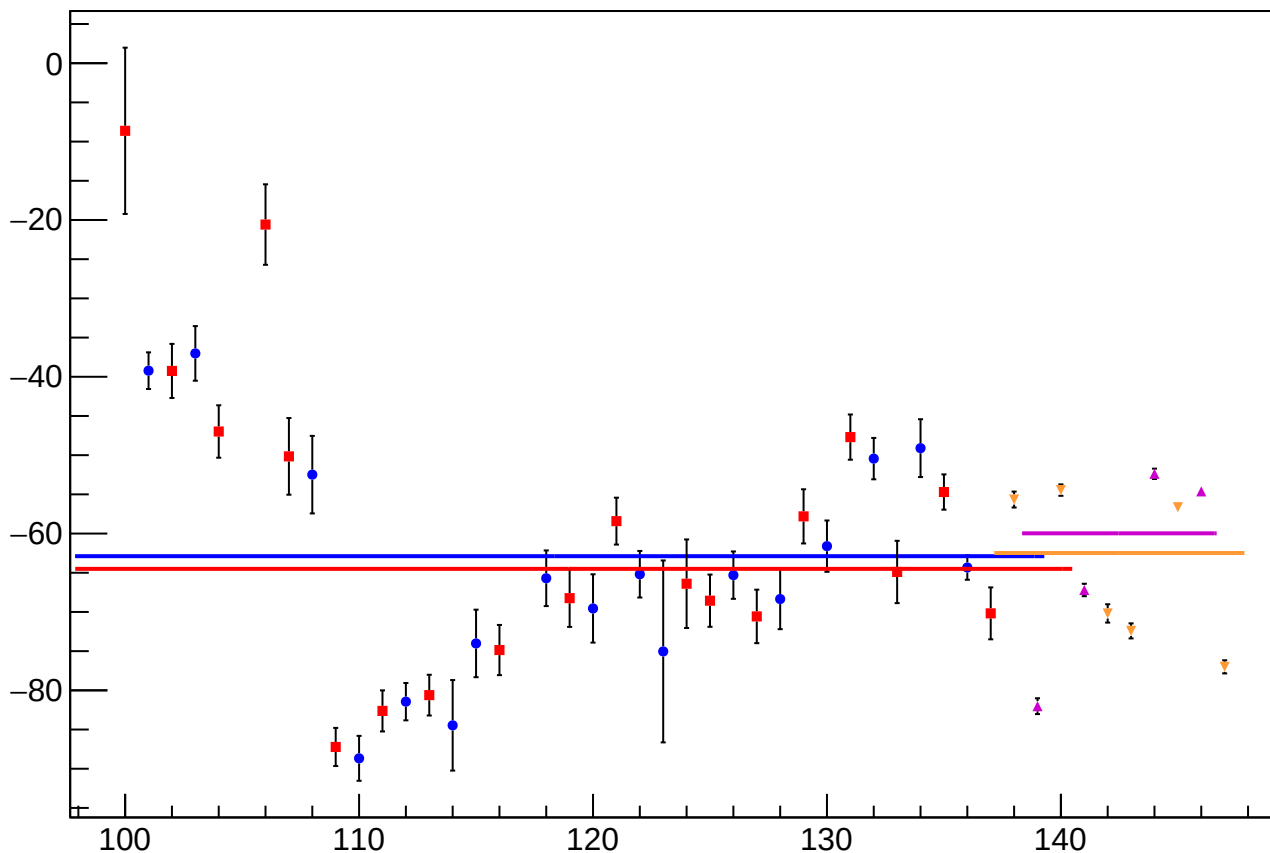
Right: -3.824 ± 0.295 $\chi^2/\text{NDF}: 587.0/35$

In: -2.305 ± 0.212 $\chi^2/\text{NDF}: 483.6/20$

Out: -1.551 ± 0.201 $\chi^2/\text{NDF}: 959.3/24$

All: -1.907 ± 0.146 $\chi^2/\text{NDF}: 1449.6/45$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -62.480 ± 0.339 $\chi^2/\text{NDF}: 705.5/5$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

Left In: -59.969 ± 0.359 $\chi^2/\text{NDF}: 777.0/3$

Left: -61.295 ± 0.246 $\chi^2/\text{NDF}: 1508.4/9$

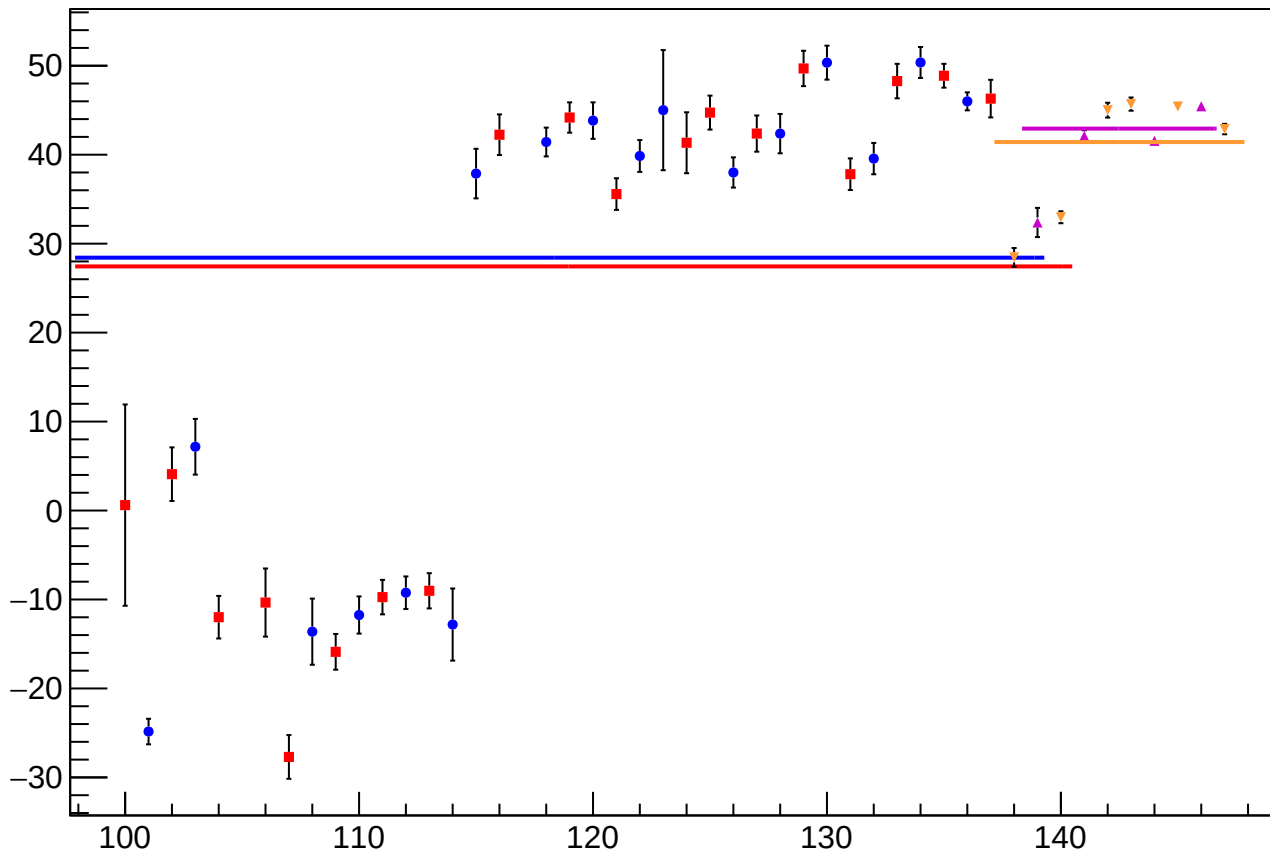
Right: -63.680 ± 0.526 $\chi^2/\text{NDF}: 815.2/35$

In: -60.527 ± 0.322 $\chi^2/\text{NDF}: 1158.4/20$

Out: -62.822 ± 0.309 $\chi^2/\text{NDF}: 1155.6/24$

All: -61.723 ± 0.223 $\chi^2/\text{NDF}: 2340.4/45$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 ± 0.457 χ^2/NDF : 3330.3/16

Left Out: 41.421 ± 0.281 χ^2/NDF : 422.5/5

Right Out: 27.441 ± 0.479 χ^2/NDF : 3033.0/18

Left In: 42.935 ± 0.302 χ^2/NDF : 77.8/3

Left: 42.124 ± 0.206 χ^2/NDF : 513.8/9

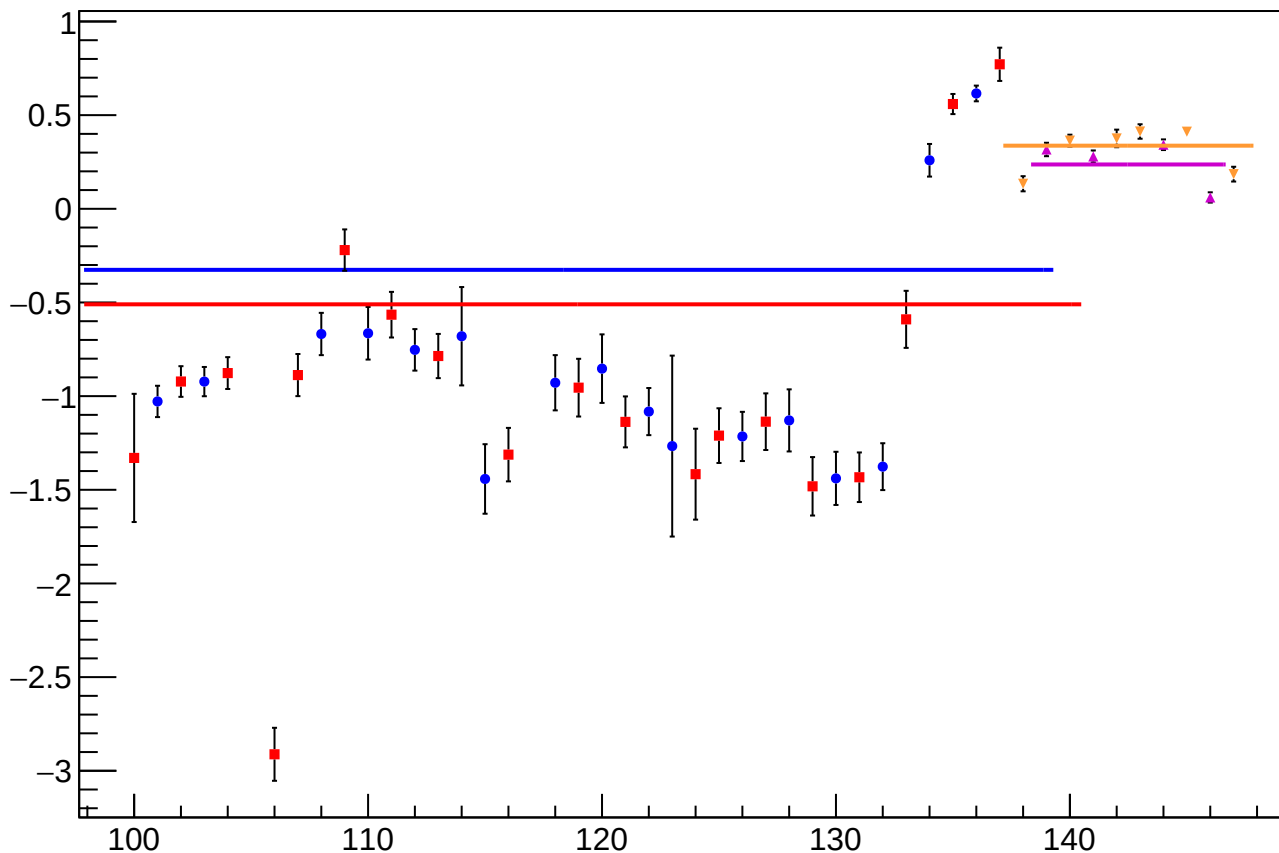
Right: 27.956 ± 0.331 χ^2/NDF : 6365.5/35

In: 38.521 ± 0.252 χ^2/NDF : 4109.3/20

Out: 37.833 ± 0.242 χ^2/NDF : 4089.6/24

All: 38.163 ± 0.175 χ^2/NDF : 8202.7/45

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 $\chi^2/\text{NDF}: 1013.0/16$

Left Out: 0.337 ± 0.014 $\chi^2/\text{NDF}: 54.9/5$

Right Out: -0.510 ± 0.026 $\chi^2/\text{NDF}: 1169.4/18$

Left In: 0.237 ± 0.015 $\chi^2/\text{NDF}: 61.7/3$

Left: 0.291 ± 0.010 $\chi^2/\text{NDF}: 140.0/9$

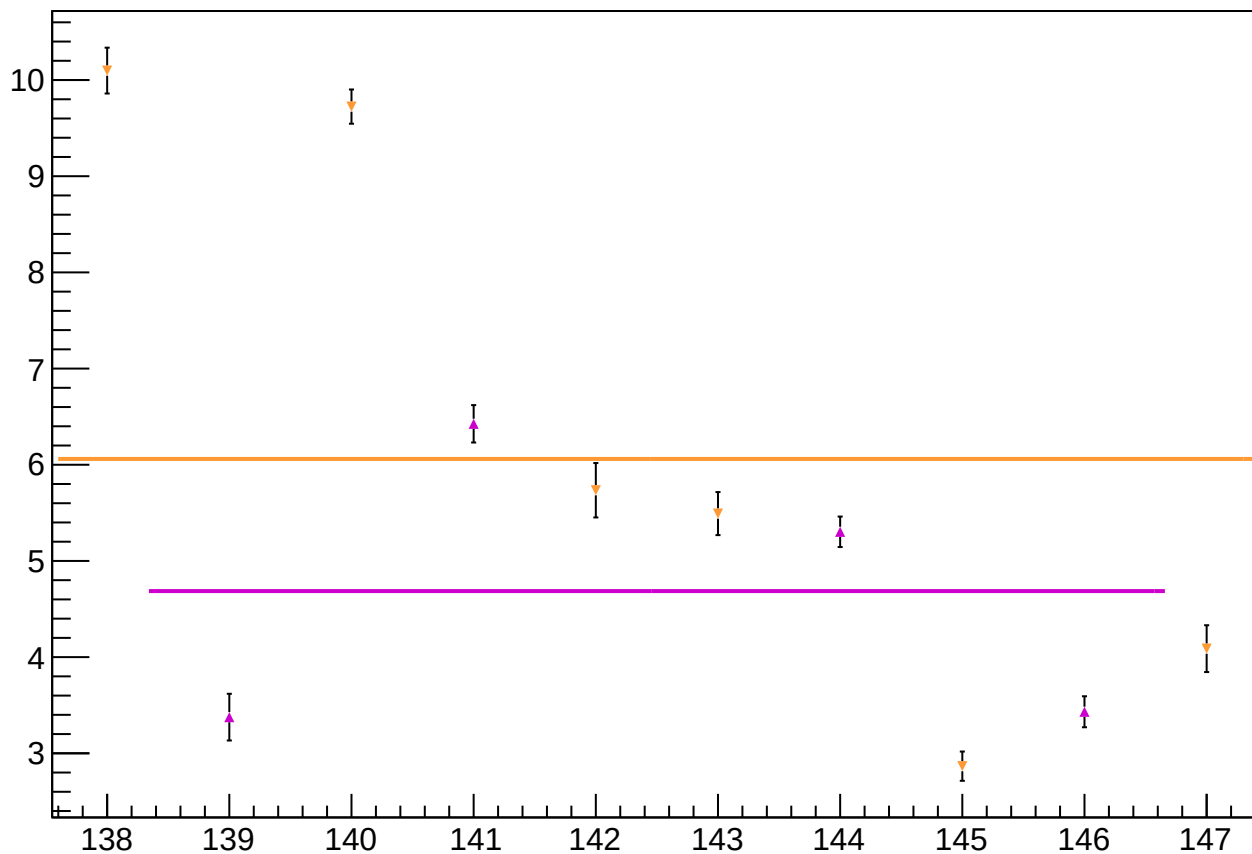
Right: -0.415 ± 0.018 $\chi^2/\text{NDF}: 2208.8/35$

In: 0.083 ± 0.013 $\chi^2/\text{NDF}: 1446.1/20$

Out: 0.142 ± 0.012 $\chi^2/\text{NDF}: 2060.7/24$

All: 0.114 ± 0.009 $\chi^2/\text{NDF}: 3517.6/45$

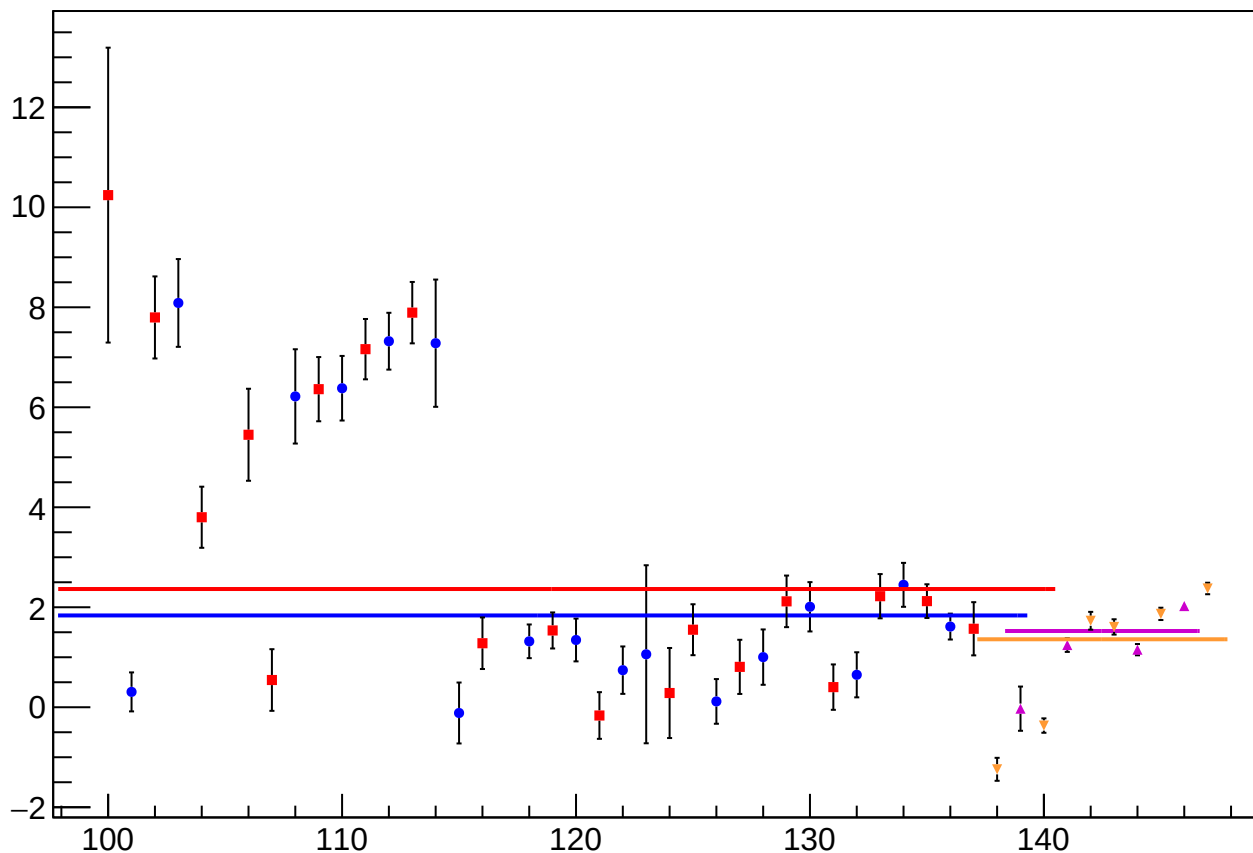
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.061+/-0.084 χ^2/NDF :1224.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.687+/-0.091 χ^2/NDF :184.9/3

Left: 5.426+/-0.062 χ^2/NDF : 1533.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.687+/-0.091 χ^2/NDF :184.9/3
 Out: 6.061+/-0.084 χ^2/NDF :1224.6/5
 All: 5.426+/-0.062 χ^2/NDF : 1533.2/9

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 1.359 $\pm$ 0.059 χ^2 /NDF:373.2/5

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

Left In: 1.525 $\pm$ 0.064 χ^2 /NDF:53.4/3

Left: 1.436 $\pm$ 0.044 χ^2 /NDF: 430.2/9

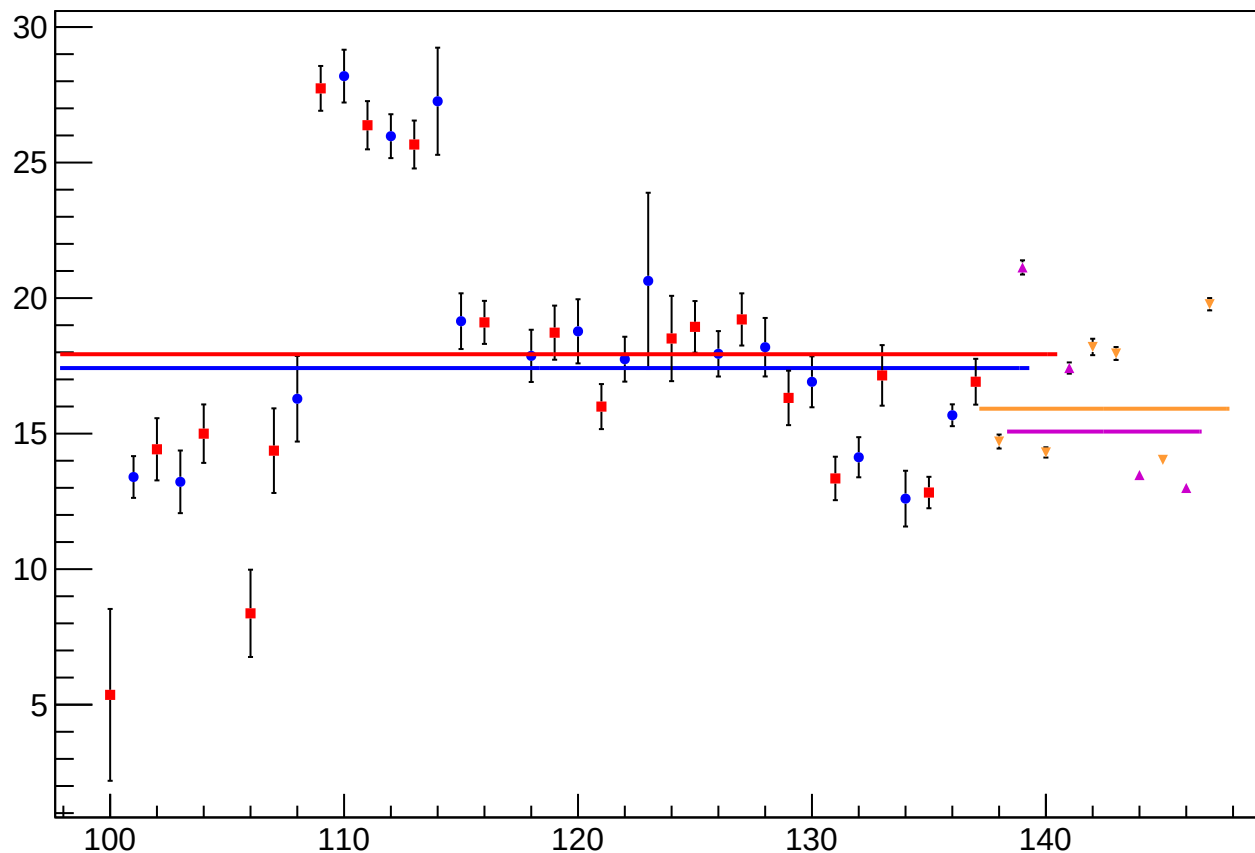
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.598 $\pm$ 0.056 χ^2 /NDF:353.8/20

Out: 1.551 $\pm$ 0.054 χ^2 /NDF:764.0/24

All: 1.573 $\pm$ 0.039 χ^2 /NDF: 1118.2/45

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 15.919 $\pm$ 0.088 χ^2 /NDF:647.5/5

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 15.076 $\pm$ 0.093 χ^2 /NDF:930.9/3

Left: 15.522 $\pm$ 0.064 χ^2 /NDF: 1621.4/9

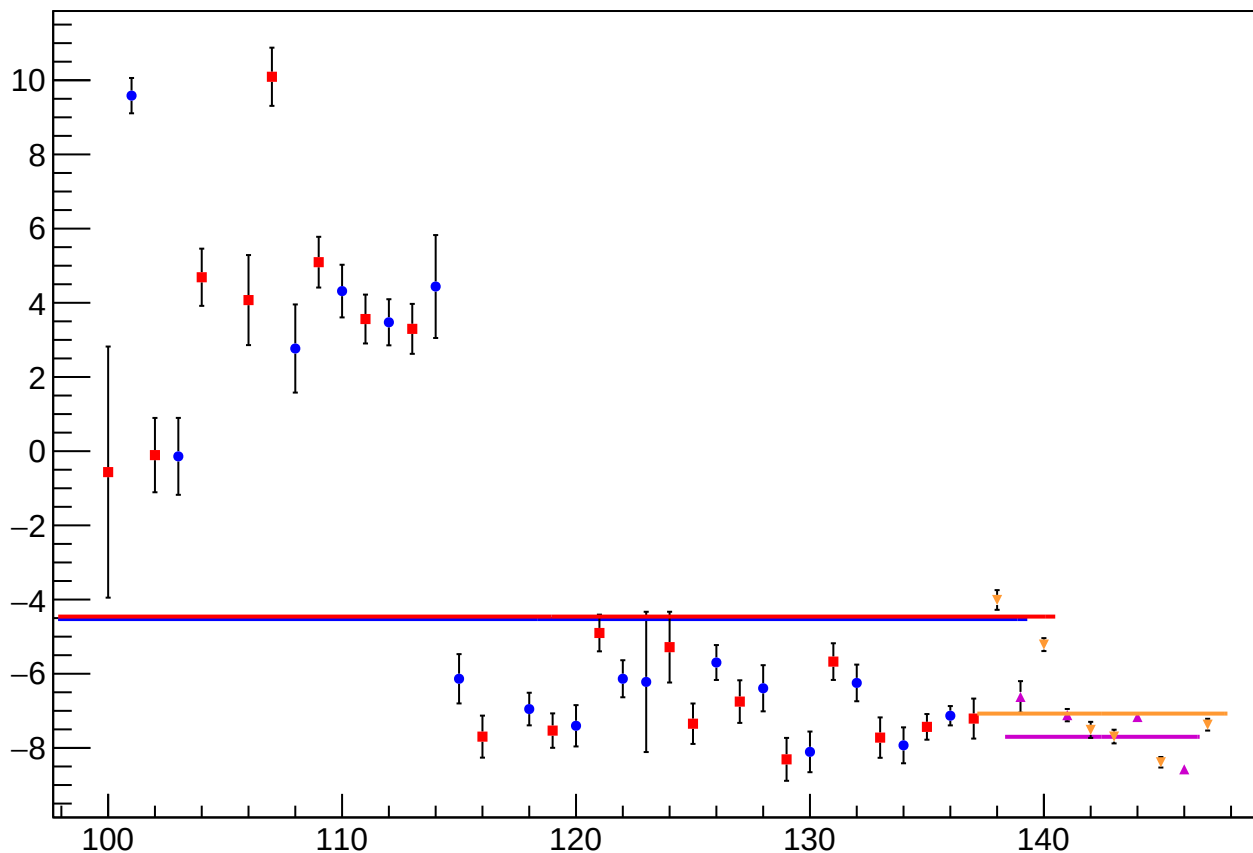
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 15.458 $\pm$ 0.086 χ^2 /NDF:1400.2/20

Out: 16.199 $\pm$ 0.082 χ^2 /NDF:1226.4/24

All: 15.845 $\pm$ 0.059 χ^2 /NDF: 2665.8/45

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -7.074 ± 0.073 χ^2/NDF : 351.0/5

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

Left In: -7.700 ± 0.078 χ^2/NDF : 84.5/3

Left: -7.365 ± 0.054 χ^2/NDF : 469.5/9

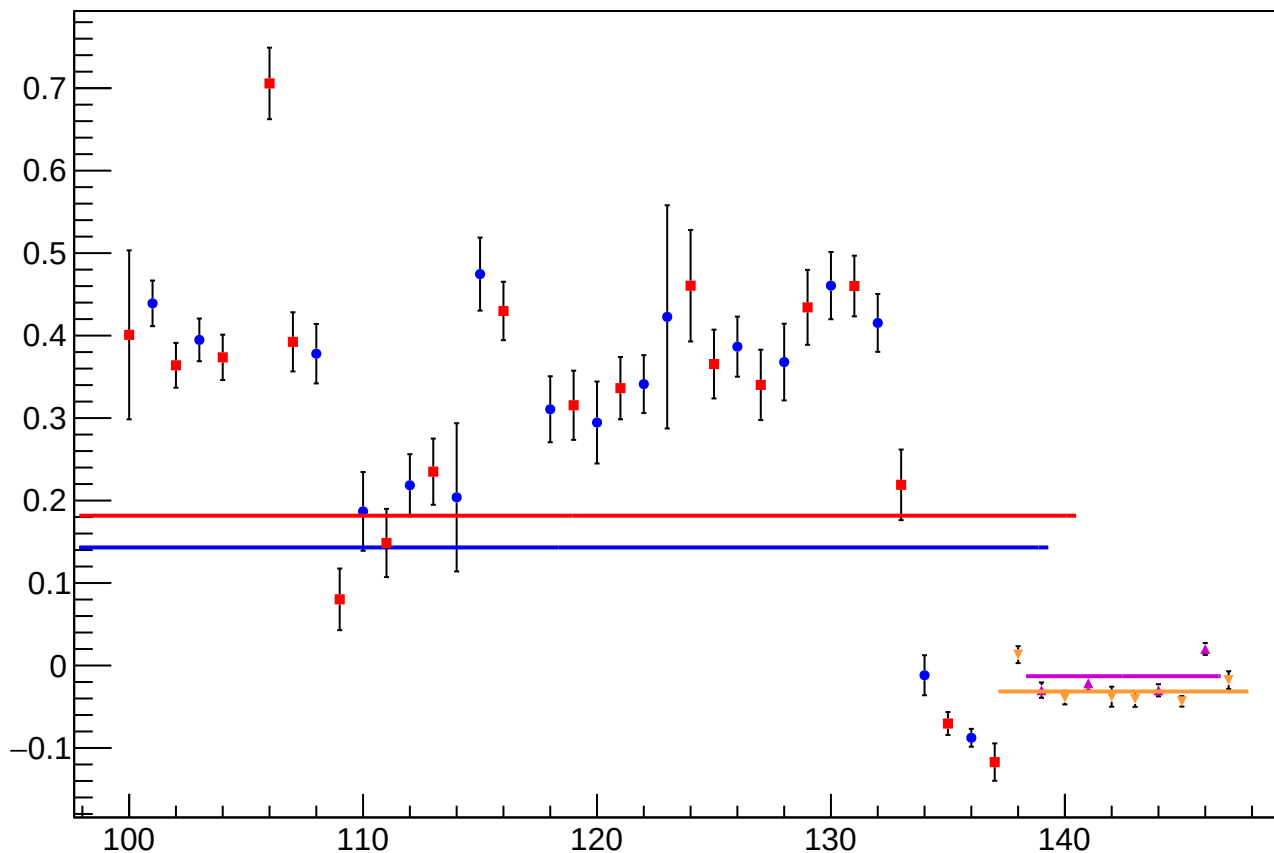
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.848 ± 0.067 χ^2/NDF : 2114.0/20

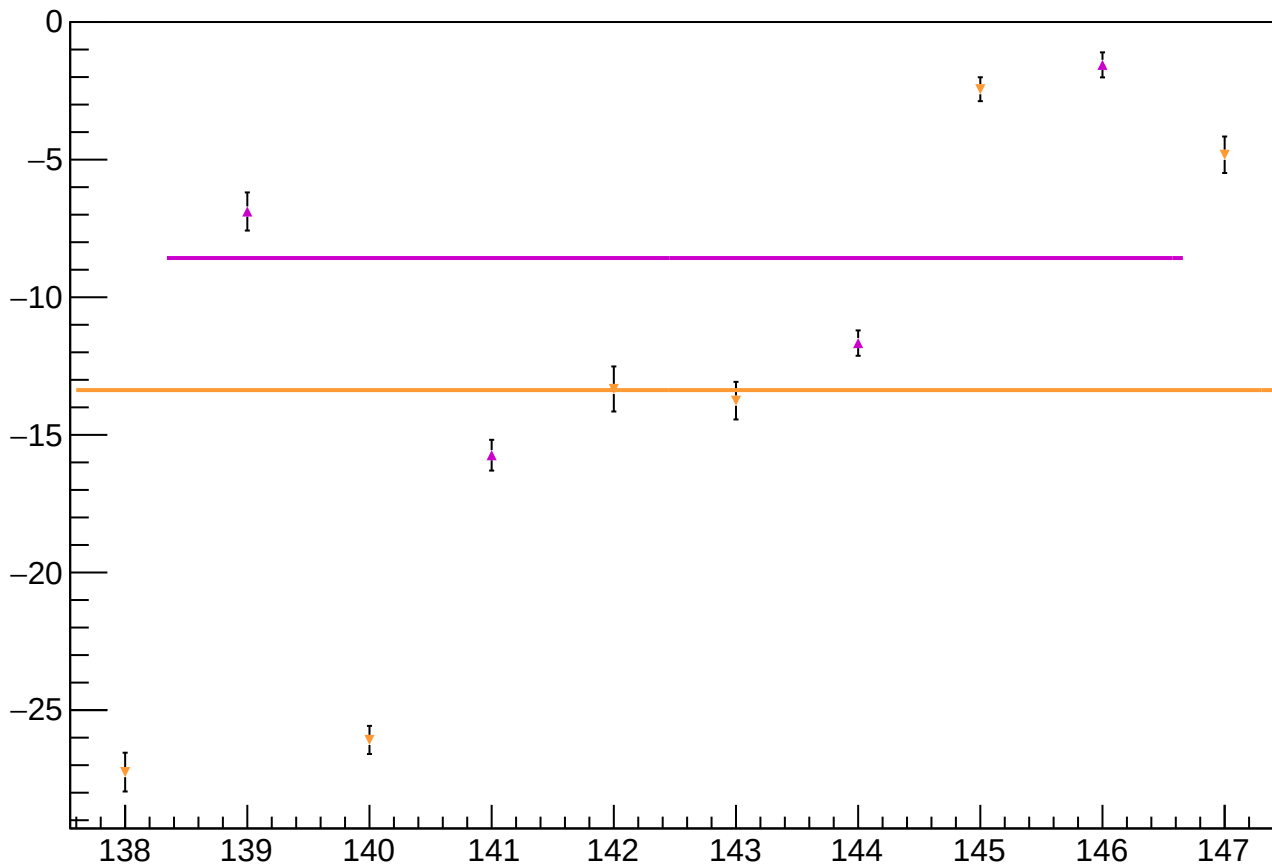
Out: -6.494 ± 0.065 χ^2/NDF : 1973.6/24

All: -6.664 ± 0.047 χ^2/NDF : 4102.0/45

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.373+/-0.242 χ^2/NDF :1808.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.575+/-0.260 χ^2/NDF :453.8/3

Left: -11.142+/-0.177 χ^2/NDF : 2445.1/9

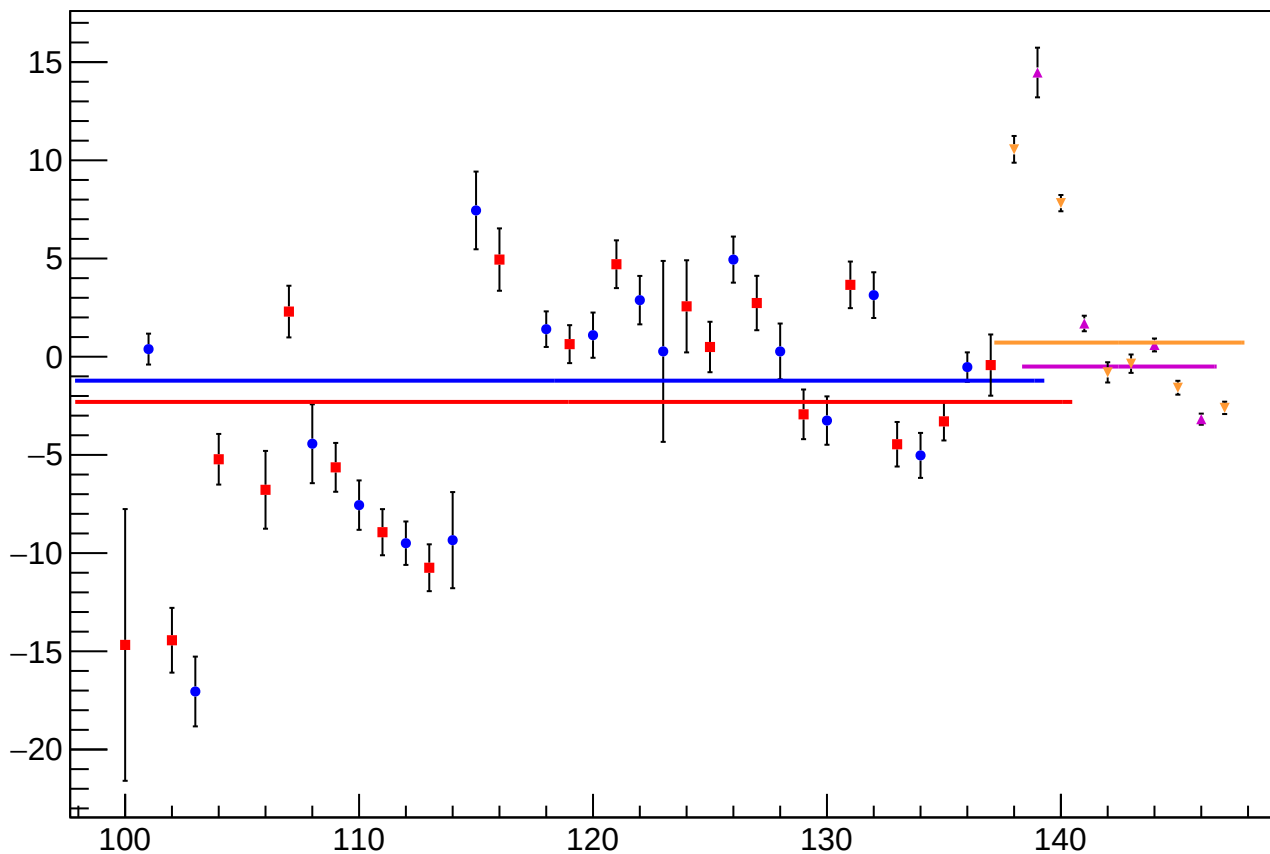
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.575+/-0.260 χ^2/NDF :453.8/3

Out: -13.373+/-0.242 χ^2/NDF :1808.6/5

All: -11.142+/-0.177 χ^2/NDF : 2445.1/9

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.719 ± 0.170 χ^2/NDF : 670.6/5

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: -0.501 ± 0.186 χ^2/NDF : 271.8/3

Left: 0.164 ± 0.126 χ^2/NDF : 965.8/9

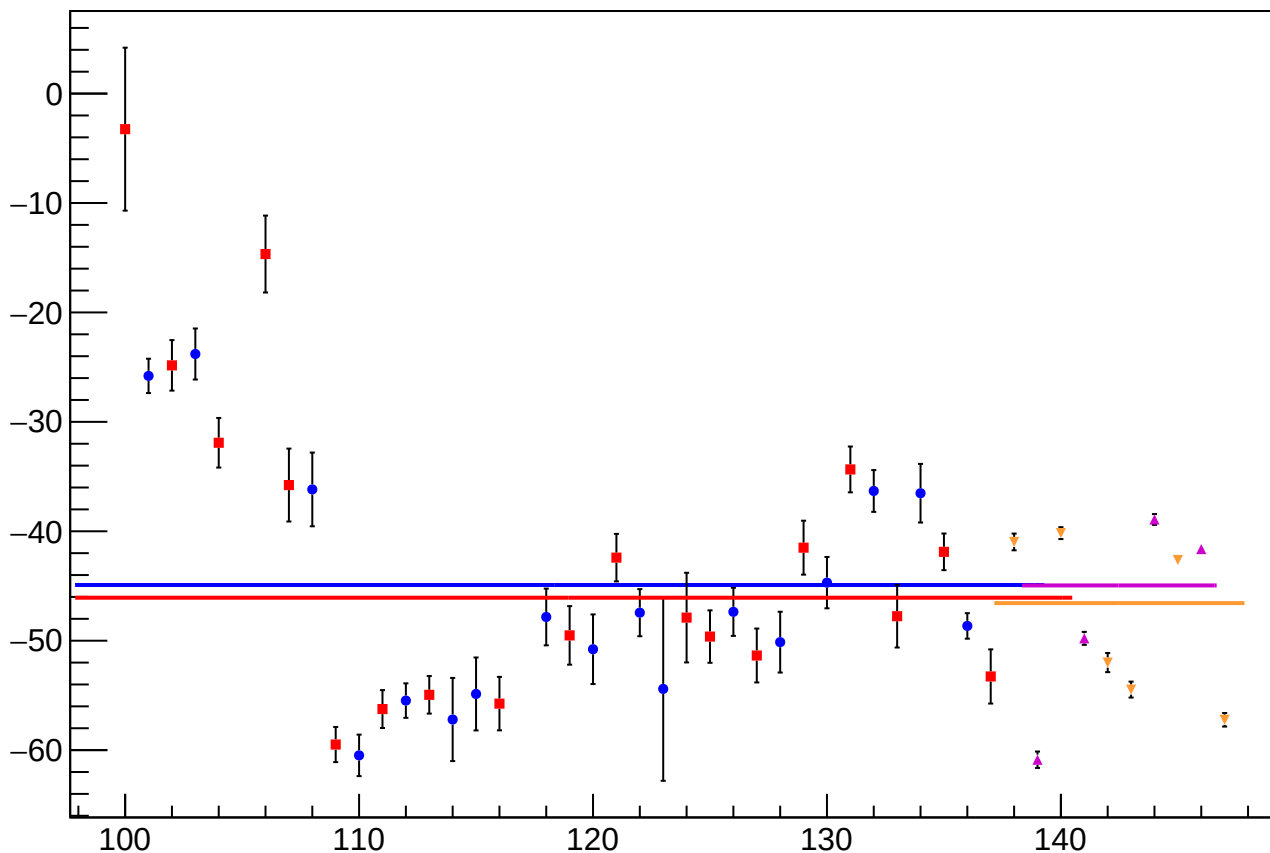
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: -0.711 ± 0.157 χ^2/NDF : 554.8/20

Out: -0.009 ± 0.148 χ^2/NDF : 1032.6/24

All: -0.341 ± 0.108 χ^2/NDF : 1598.0/45

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 ± 0.523 $\chi^2/\text{NDF}: 421.2/16$

Left Out: -46.563 ± 0.253 $\chi^2/\text{NDF}: 718.3/5$

Right Out: -46.071 ± 0.528 $\chi^2/\text{NDF}: 454.0/18$

Left In: -44.948 ± 0.268 $\chi^2/\text{NDF}: 726.0/3$

Left: -45.801 ± 0.184 $\chi^2/\text{NDF}: 1463.6/9$

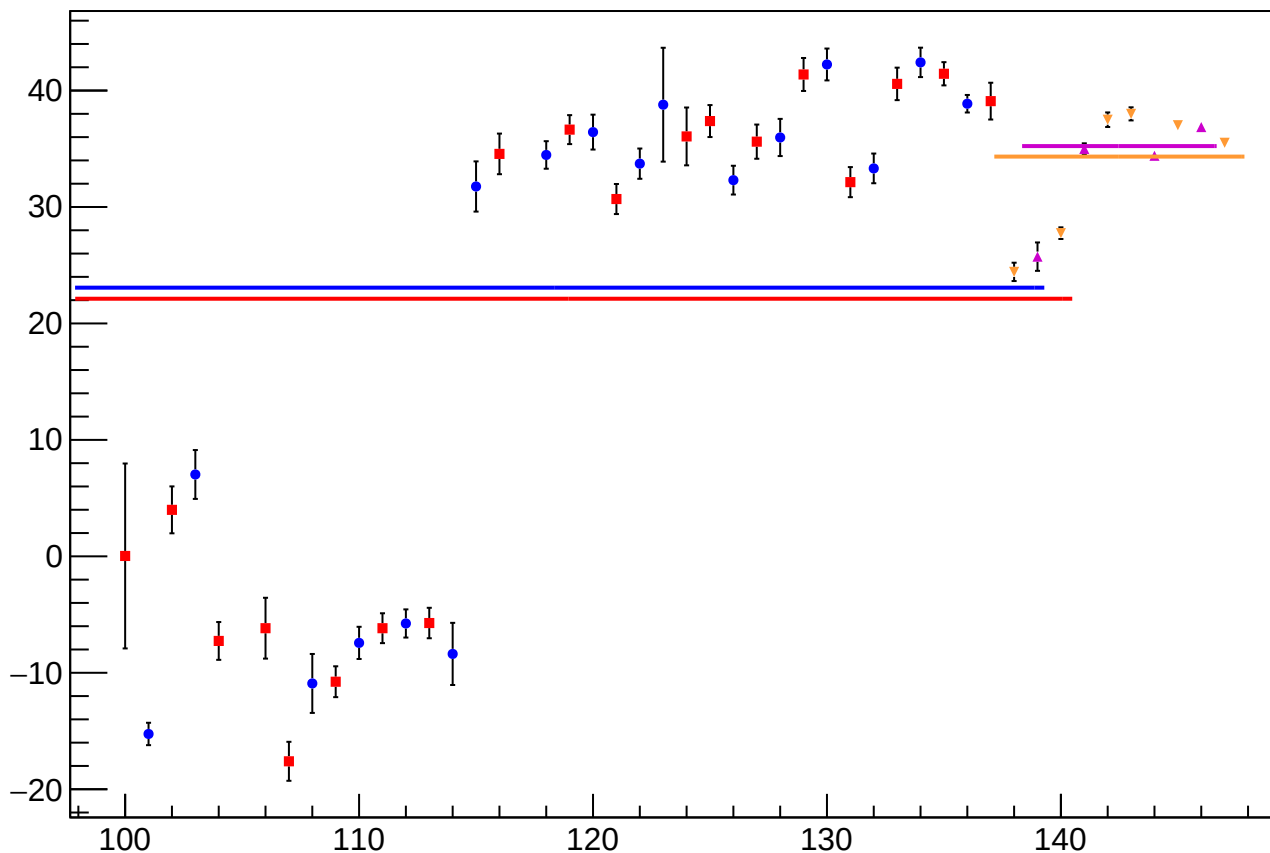
Right: -45.483 ± 0.371 $\chi^2/\text{NDF}: 877.6/35$

In: -44.940 ± 0.238 $\chi^2/\text{NDF}: 1147.2/20$

Out: -46.471 ± 0.228 $\chi^2/\text{NDF}: 1173.0/24$

All: -45.738 ± 0.165 $\chi^2/\text{NDF}: 2341.8/45$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.329 $\pm$ 0.210 χ^2 /NDF:449.9/5

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 35.231 $\pm$ 0.226 χ^2 /NDF:86.6/3

Left: 34.747 $\pm$ 0.154 χ^2 /NDF: 545.0/9

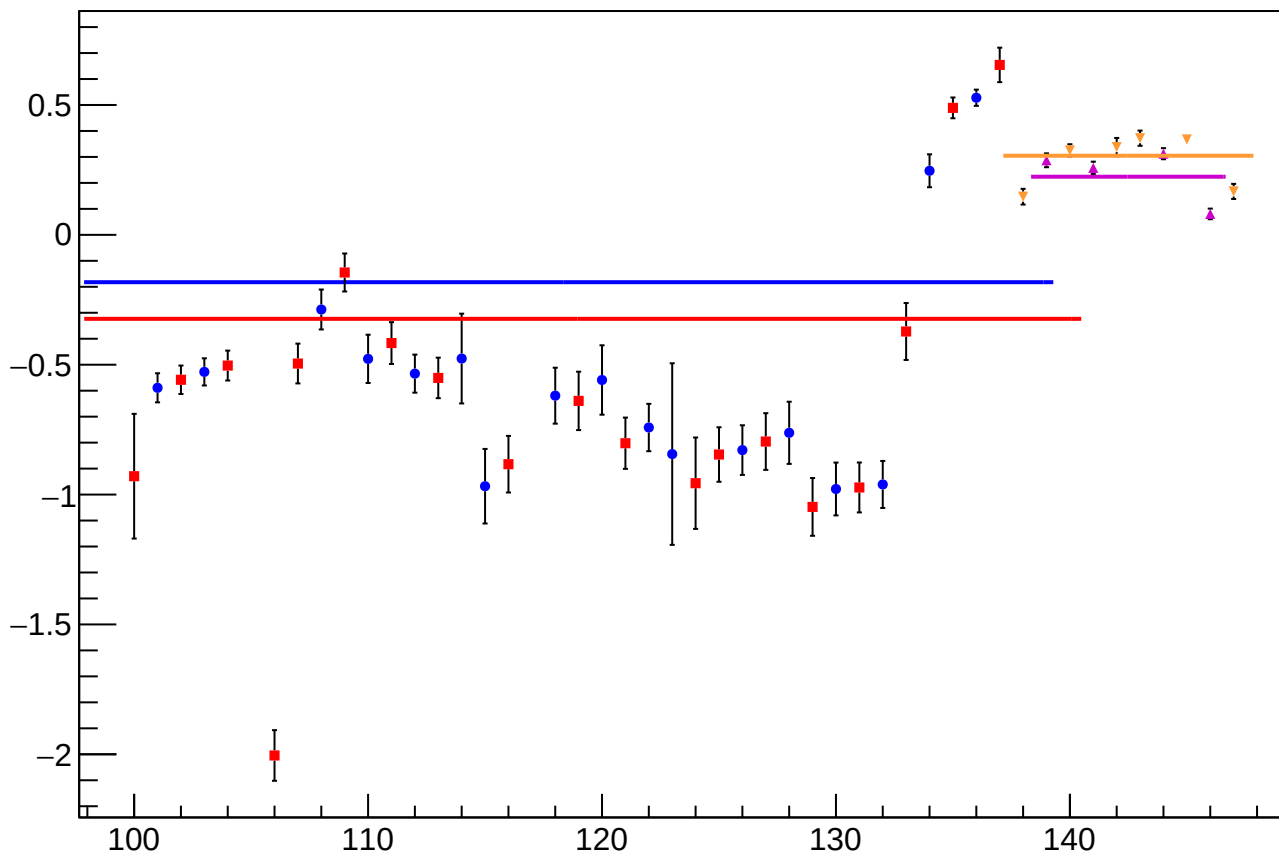
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 31.282 $\pm$ 0.186 χ^2 /NDF:5371.6/20

Out: 30.955 $\pm$ 0.179 χ^2 /NDF:5417.6/24

All: 31.112 $\pm$ 0.129 χ^2 /NDF: 10790.8/45

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.305 ± 0.010 χ^2/NDF : 68.4/5

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.224 ± 0.011 χ^2/NDF : 74.0/3

Left: 0.268 ± 0.008 χ^2/NDF : 169.8/9

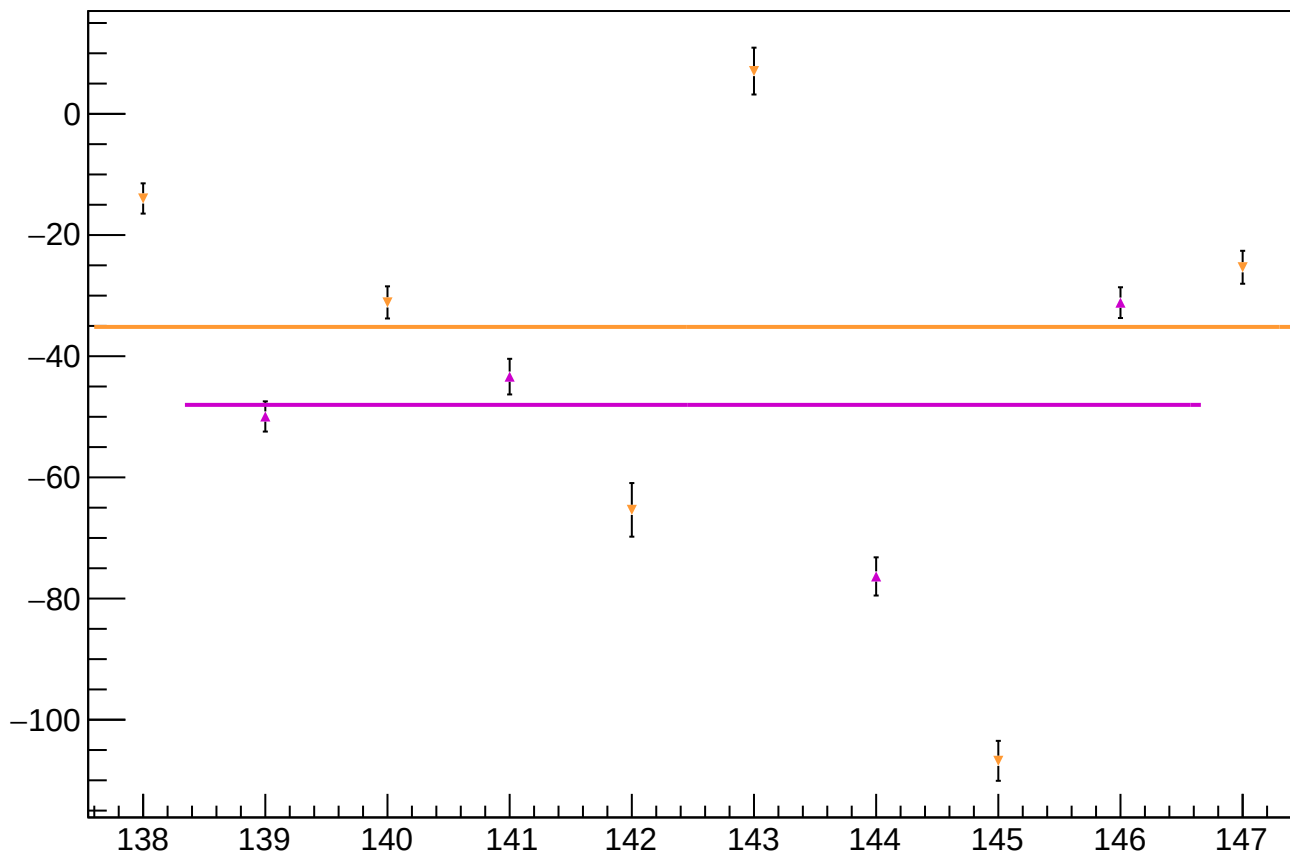
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: 0.105 ± 0.010 χ^2/NDF : 1444.0/20

Out: 0.148 ± 0.009 χ^2/NDF : 2149.5/24

All: 0.128 ± 0.007 χ^2/NDF : 3603.7/45

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.164+/-1.243 χ^2/NDF : 725.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.031+/-1.371 χ^2/NDF : 128.0/3

Left: -40.968+/-0.921 χ^2/NDF : 901.8/9

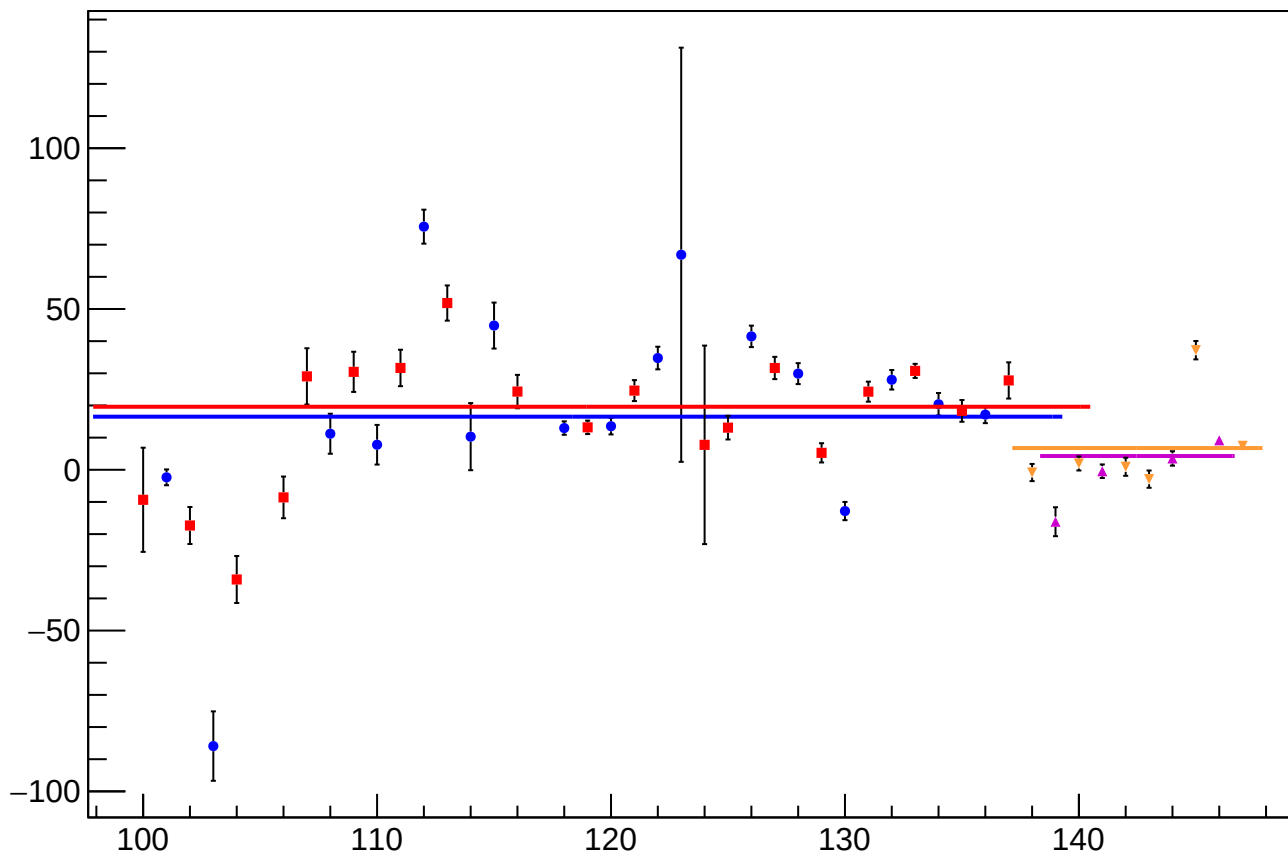
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.031+/-1.371 χ^2/NDF : 128.0/3

Out: -35.164+/-1.243 χ^2/NDF : 725.4/5

All: -40.968+/-0.921 χ^2/NDF : 901.8/9

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 6.755 $\pm$ 0.865 χ^2 /NDF:143.8/5

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

Left In: 4.283 $\pm$ 1.038 χ^2 /NDF:36.6/3

Left: 5.742 $\pm$ 0.665 χ^2 /NDF: 183.8/9

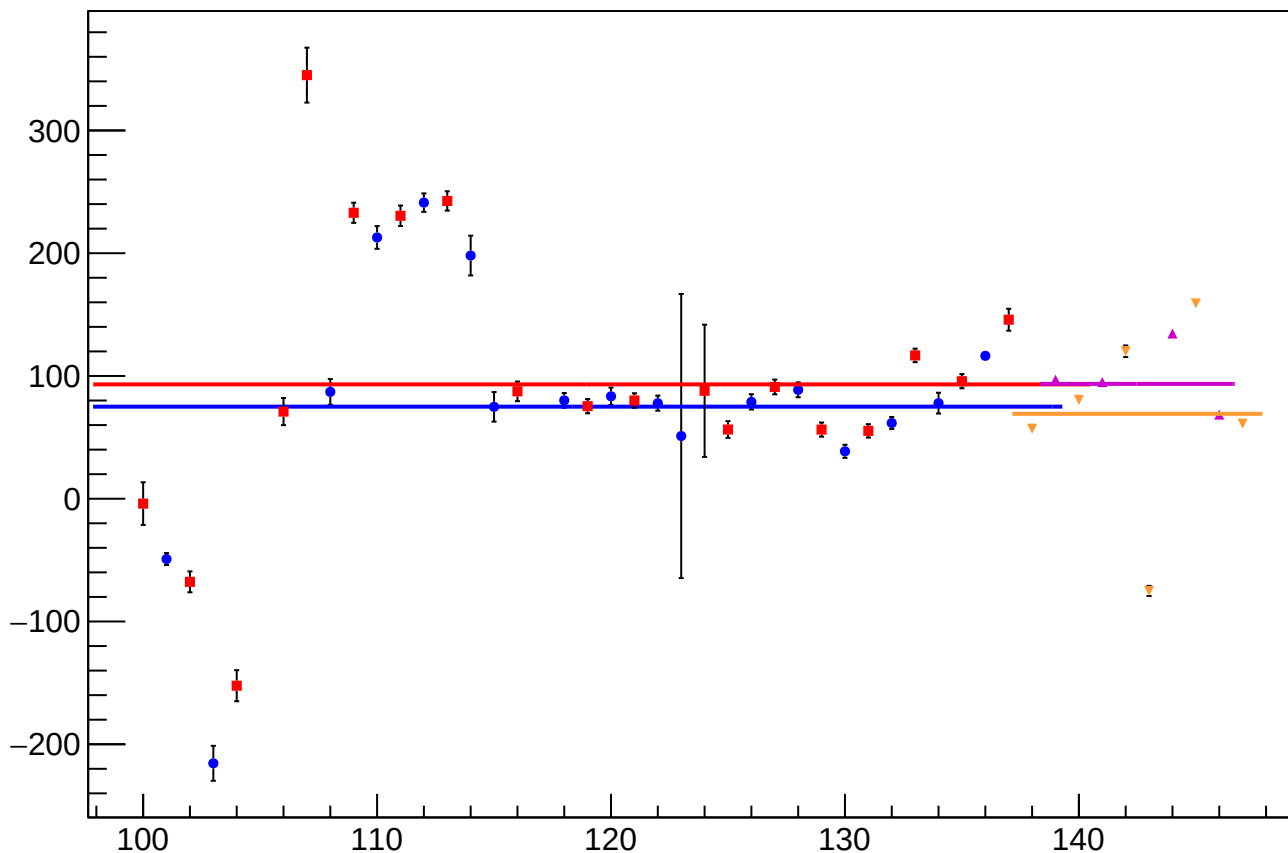
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 11.622 $\pm$ 0.656 χ^2 /NDF:639.5/20

Out: 12.938 $\pm$ 0.623 χ^2 /NDF:491.9/24

All: 12.314 $\pm$ 0.452 χ^2 /NDF: 1133.6/45

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 69.158+/-1.285 χ^2/NDF : 2074.9/5

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

Left In: 93.546+/-1.418 χ^2/NDF : 256.0/3

Left: 80.156+/-0.952 χ^2/NDF : 2493.2/9

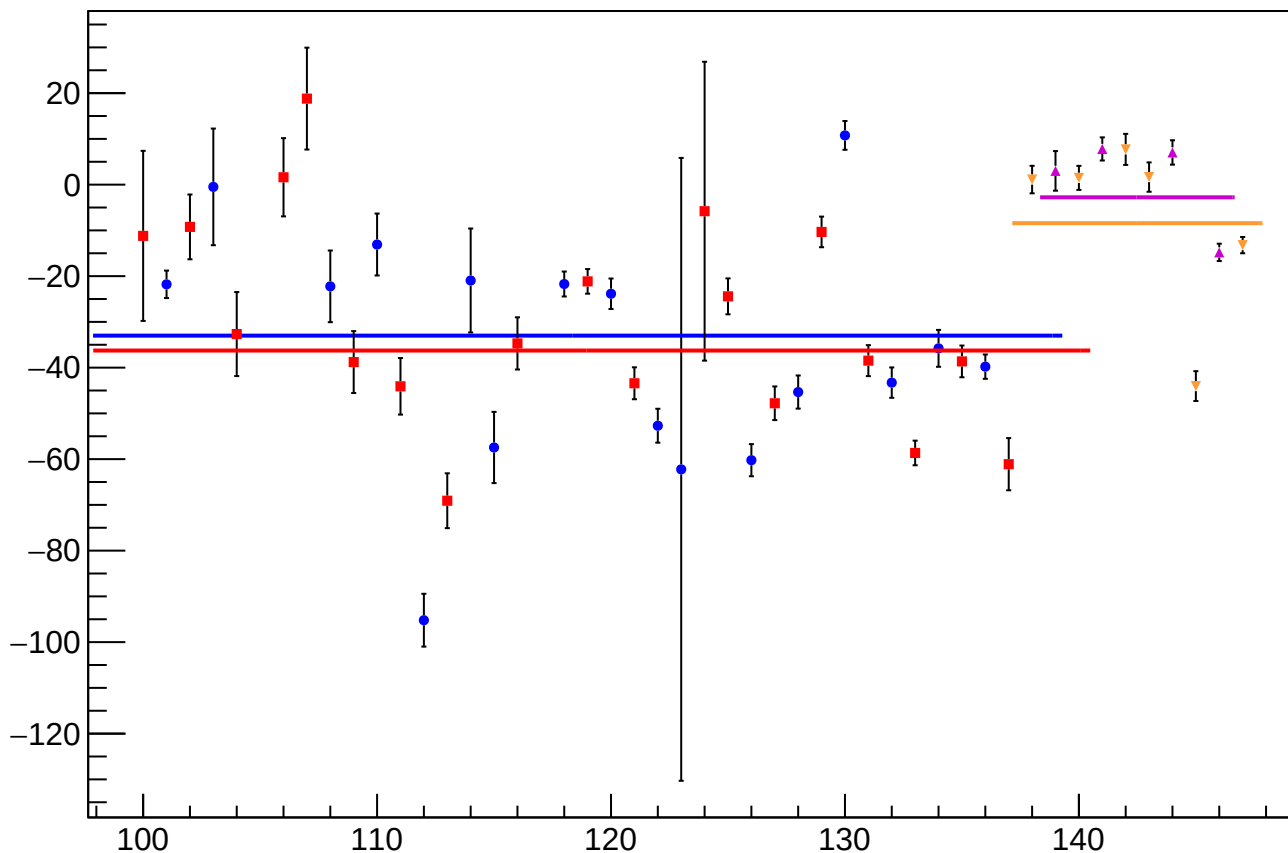
Right: 83.668+/-1.183 χ^2/NDF : 4060.3/35

In: 85.592+/-1.072 χ^2/NDF : 2328.7/20

Out: 77.808+/-1.028 χ^2/NDF : 4202.7/24

All: 81.538+/-0.742 χ^2/NDF : 6558.9/45

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -8.420 ± 1.085 χ^2/NDF : 183.3/5

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

Left In: -2.769 ± 1.262 χ^2/NDF : 73.0/3

Left: -6.018 ± 0.822 χ^2/NDF : 267.8/9

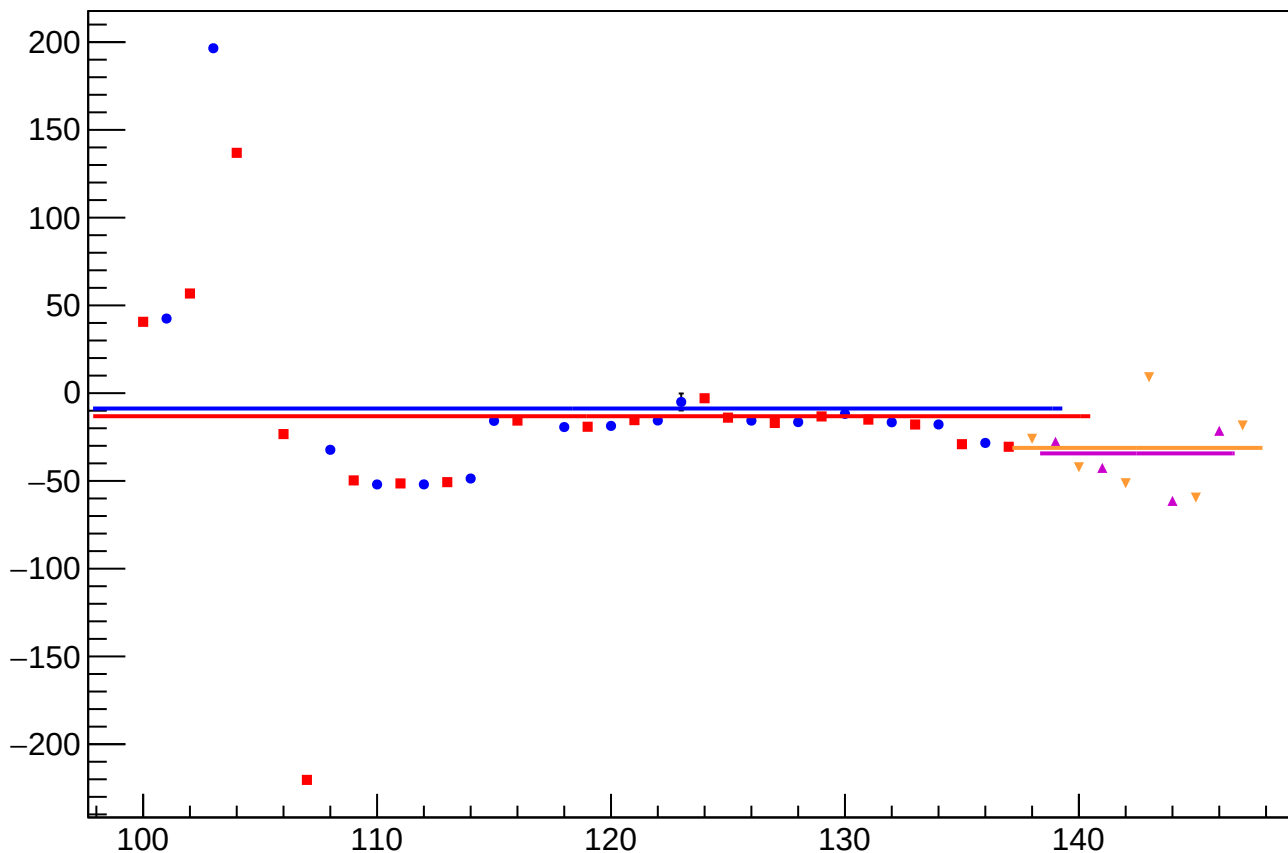
Right: -34.545 ± 0.705 χ^2/NDF : 795.4/35

In: -21.746 ± 0.770 χ^2/NDF : 926.6/20

Out: -23.123 ± 0.745 χ^2/NDF : 828.2/24

All: -22.457 ± 0.535 χ^2/NDF : 1756.5/45

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -31.178 ± 0.054 $\chi^2/\text{NDF}: 136558.0/5$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

Left In: -34.320 ± 0.058 $\chi^2/\text{NDF}: 55910.5/3$

Left: -32.635 ± 0.039 $\chi^2/\text{NDF}: 194052.0/9$

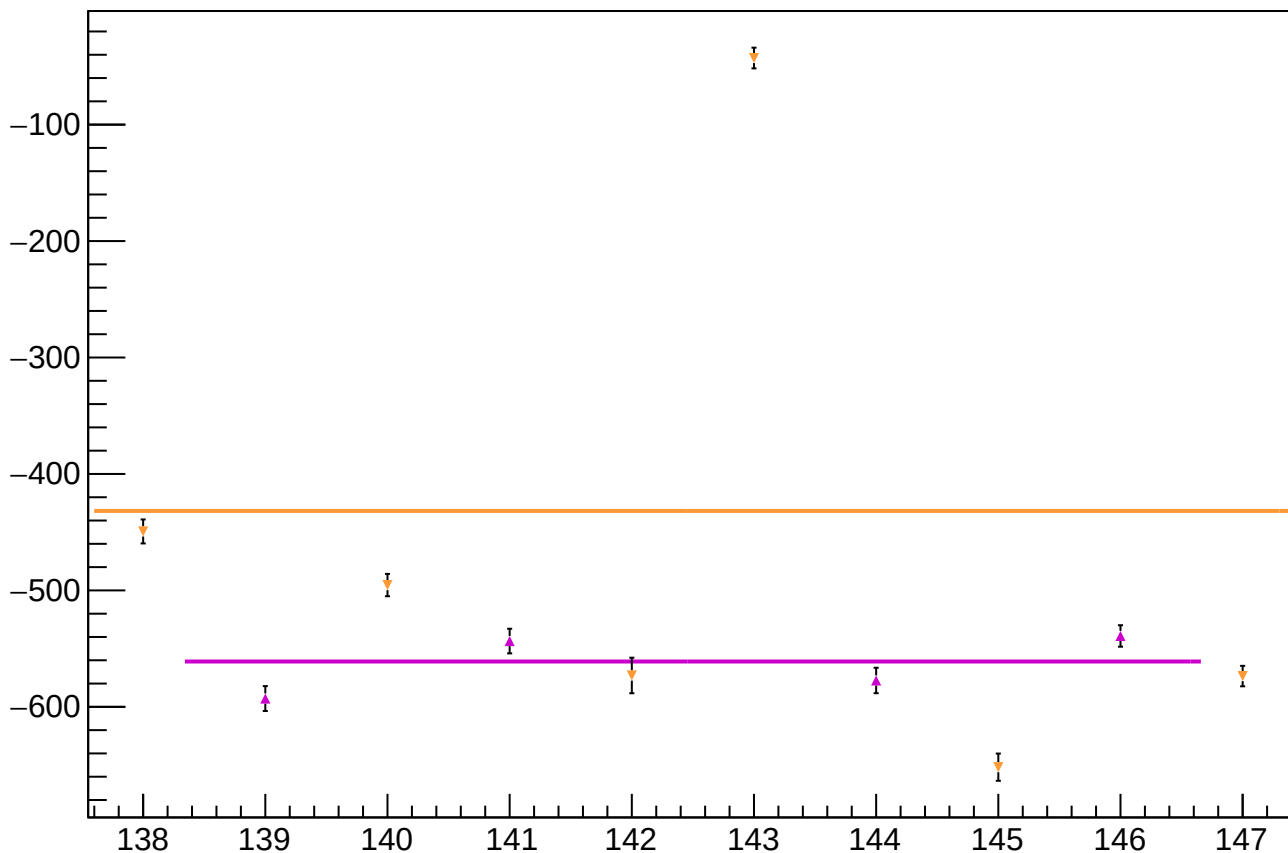
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -21.752 ± 0.041 $\chi^2/\text{NDF}: 728050.3/20$

Out: -23.394 ± 0.041 $\chi^2/\text{NDF}: 743702.3/24$

All: -22.587 ± 0.029 $\chi^2/\text{NDF}: 1472559.0/45$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -431.741+/-4.171 χ^2/NDF :2657.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -561.059+/-5.143 χ^2/NDF :19.5/3

Left: -483.042+/-3.240 χ^2/NDF : 3058.3/9

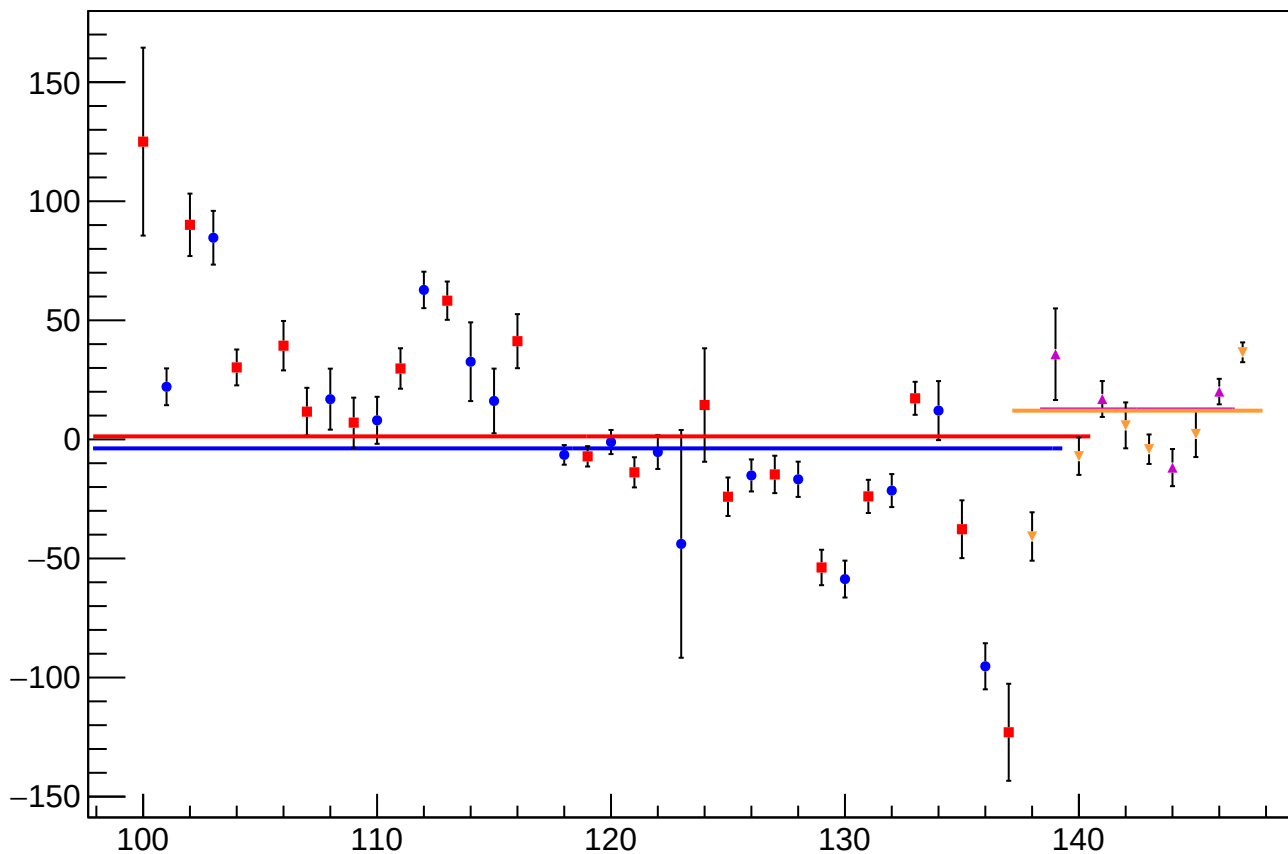
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -561.059+/-5.143 χ^2/NDF :19.5/3

Out: -431.741+/-4.171 χ^2/NDF :2657.4/5

All: -483.042+/-3.240 χ^2/NDF : 3058.3/9

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 12.069 ± 2.761 χ^2/NDF : 75.9/5

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

Left In: 12.571 ± 3.737 χ^2/NDF : 13.6/3

Left: 12.246 ± 2.221 χ^2/NDF : 89.5/9

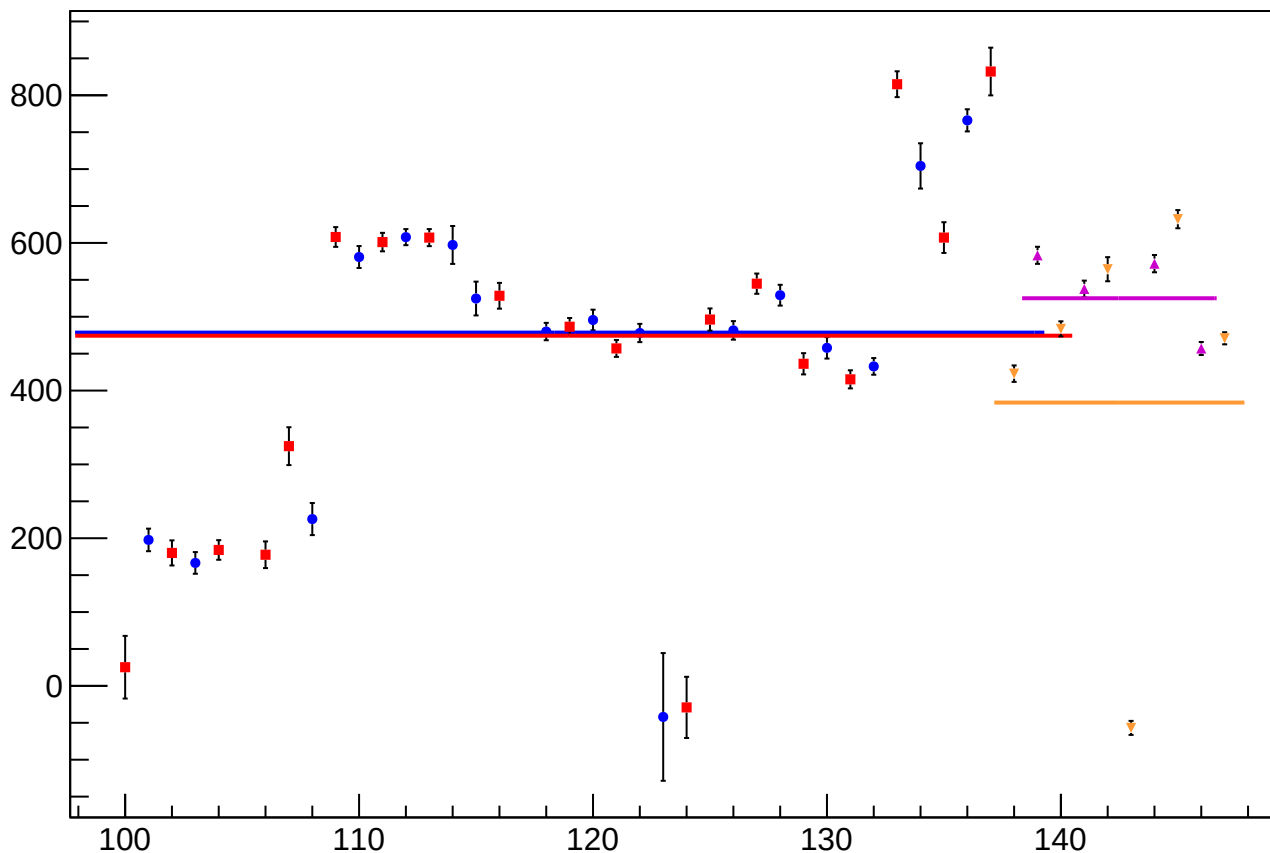
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: -0.448 ± 1.685 χ^2/NDF : 343.1/20

Out: 4.787 ± 1.577 χ^2/NDF : 390.0/24

All: 2.344 ± 1.151 χ^2/NDF : 738.2/45

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 383.759+/-4.307 χ^2/NDF : 2902.2/5

Right Out: 474.328+/-3.533 χ^2/NDF : 2287.1/18

Left In: 525.049+/-5.304 χ^2/NDF : 102.2/3

Left: 439.906+/-3.343 χ^2/NDF : 3432.2/9

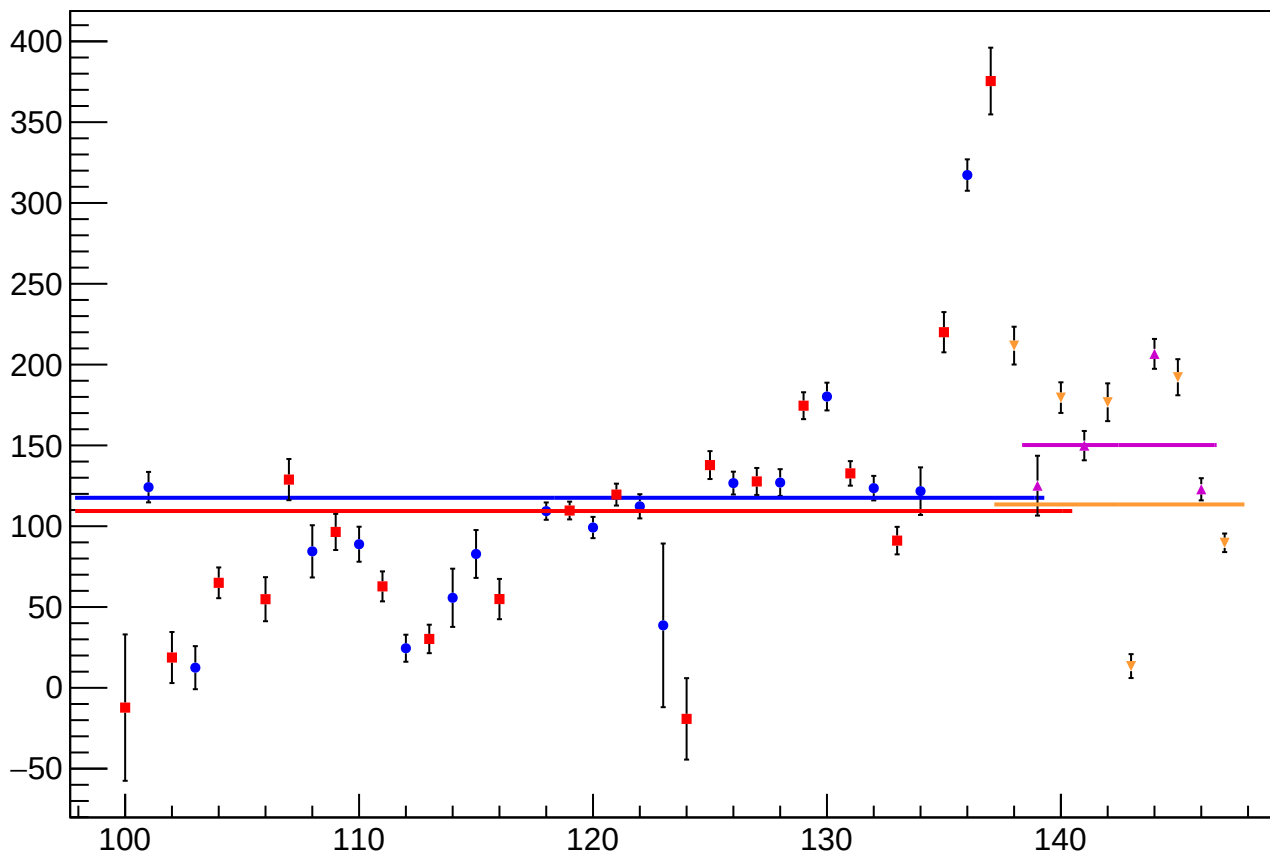
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 493.368+/-2.996 χ^2/NDF : 1783.6/20

Out: 437.902+/-2.731 χ^2/NDF : 5453.7/24

All: 463.081+/-2.018 χ^2/NDF : 7424.5/45

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 $\pm$ 2.193 χ^2 /NDF: 706.9/16

Left Out: 113.467 $\pm$ 3.483 χ^2 /NDF:398.2/5

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

Left In: 150.224 $\pm$ 4.564 χ^2 /NDF:55.0/3

Left: 126.994 $\pm$ 2.769 χ^2 /NDF: 494.1/9

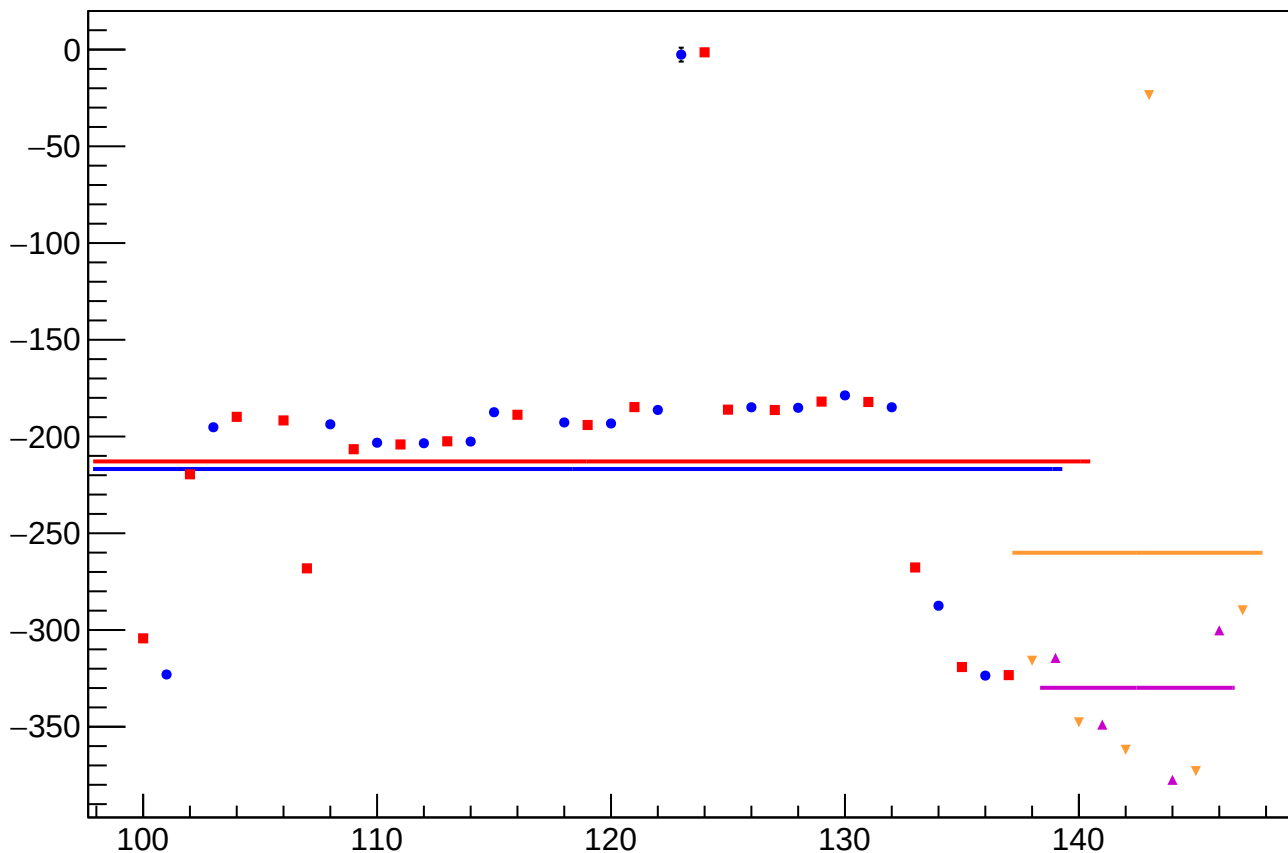
Right: 113.524 $\pm$ 1.557 χ^2 /NDF: 1285.0/35

In: 123.705 $\pm$ 1.977 χ^2 /NDF:803.4/20

Out: 110.567 $\pm$ 1.866 χ^2 /NDF:970.3/24

All: 116.758 $\pm$ 1.357 χ^2 /NDF: 1797.1/45

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -260.070 ± 0.182 $\chi^2/\text{NDF}: 525468.0/5$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

Left In: -329.861 ± 0.220 $\chi^2/\text{NDF}: 17133.5/3$

Left: -288.413 ± 0.140 $\chi^2/\text{NDF}: 602481.2/9$

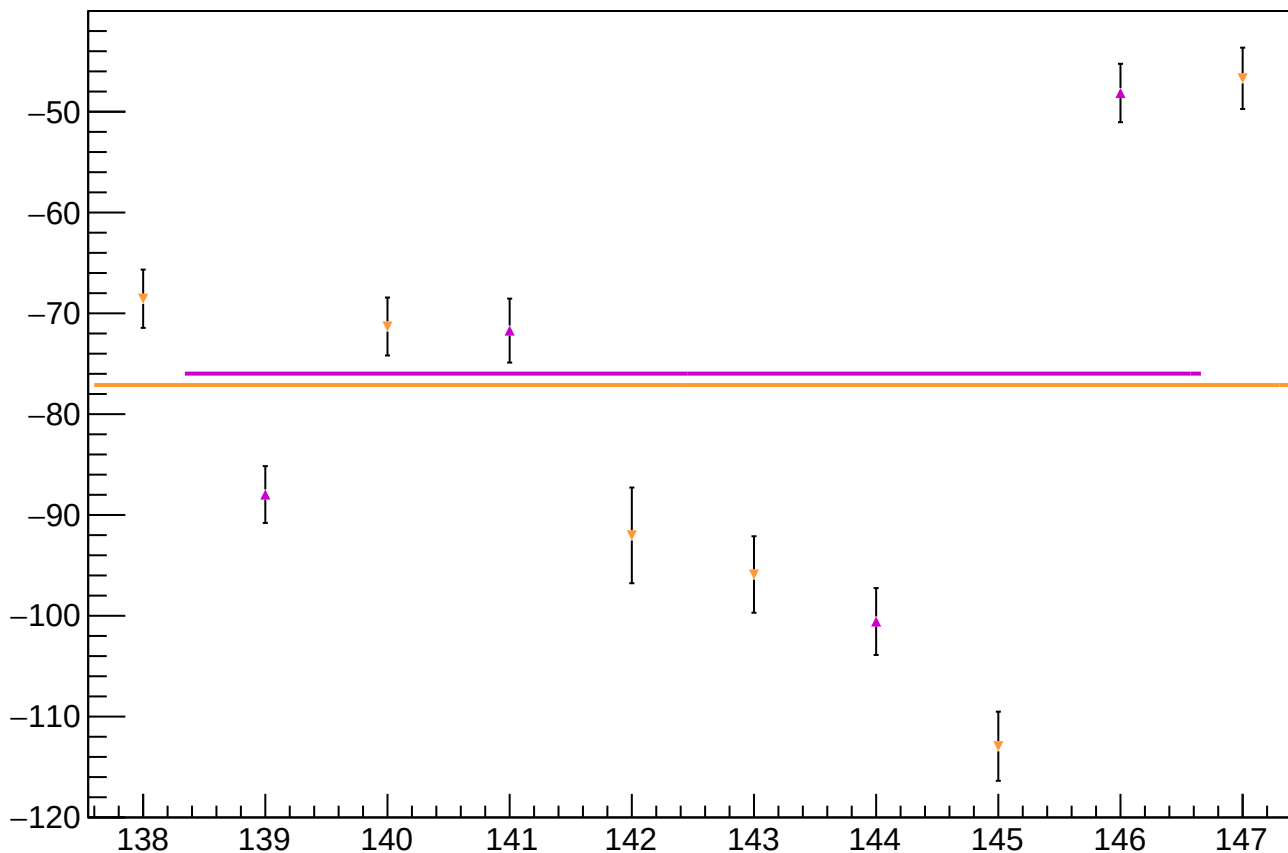
Right: -214.751 ± 0.094 $\chi^2/\text{NDF}: 263806.1/35$

In: -247.984 ± 0.115 $\chi^2/\text{NDF}: 355742.1/20$

Out: -228.869 ± 0.106 $\chi^2/\text{NDF}: 686444.8/24$

All: -237.597 ± 0.078 $\chi^2/\text{NDF}: 1057087.1/45$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.111+/-1.351 χ^2/NDF :256.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.978+/-1.516 χ^2/NDF :167.1/3

Left: -76.610+/-1.009 χ^2/NDF : 424.1/9

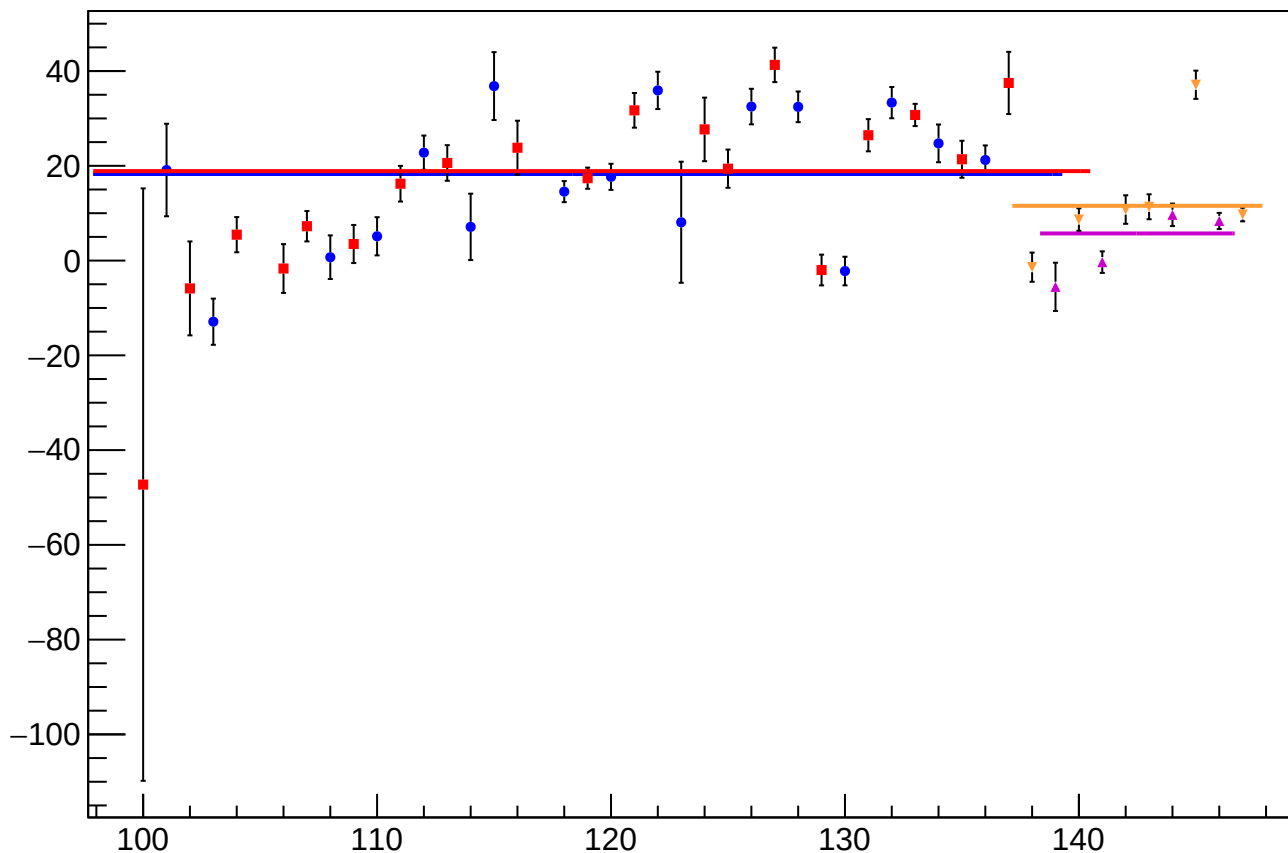
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.978+/-1.516 χ^2/NDF :167.1/3

Out: -77.111+/-1.351 χ^2/NDF :256.6/5

All: -76.610+/-1.009 χ^2/NDF : 424.1/9

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279+/-0.906 χ^2 /NDF: 204.6/16

Left Out: 11.562+/-0.941 χ^2 /NDF:94.3/5

Right Out: 18.882+/-0.864 χ^2 /NDF: 198.4/18

Left In: 5.727+/-1.152 χ^2 /NDF:17.1/3

Left: 9.228+/-0.729 χ^2 /NDF: 126.8/9

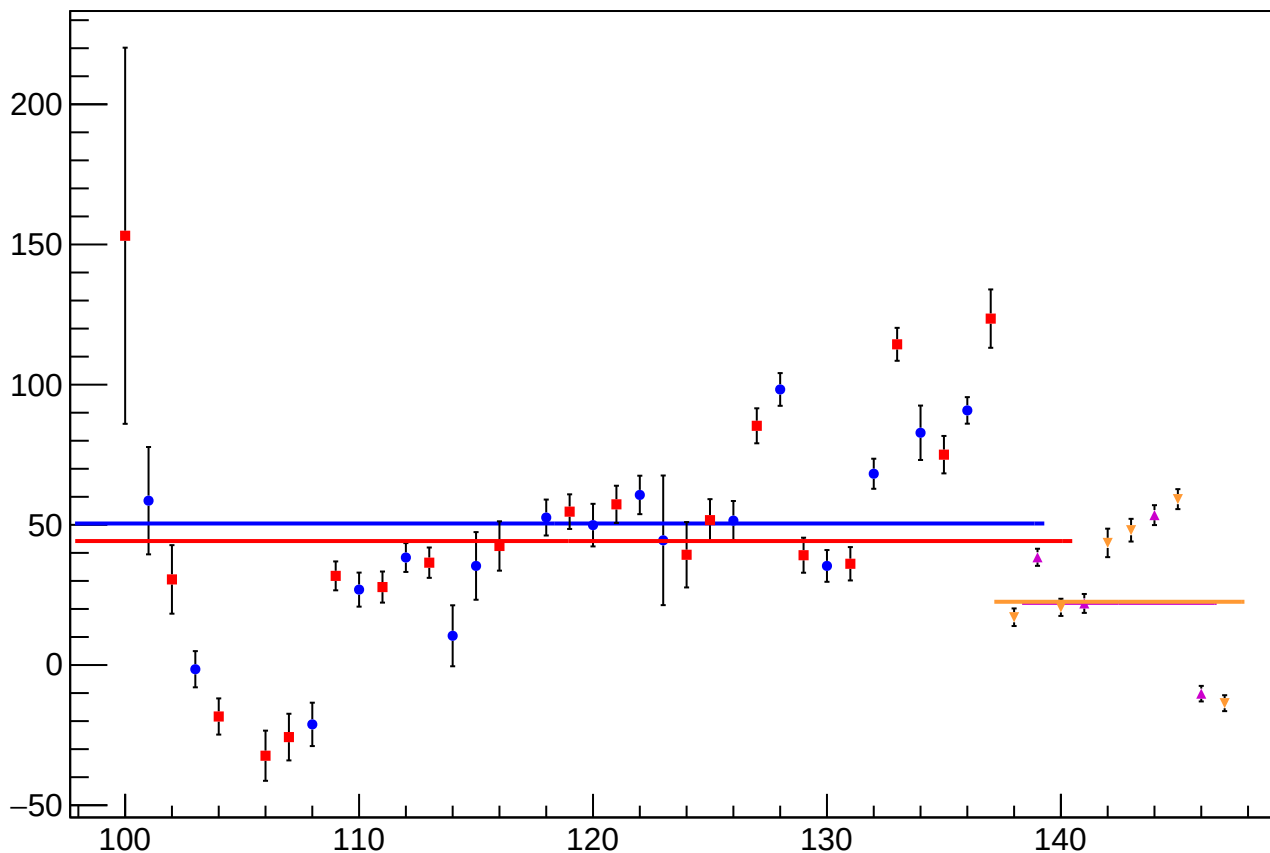
Right: 18.595+/-0.625 χ^2 /NDF: 403.2/35

In: 13.487+/-0.712 χ^2 /NDF:295.0/20

Out: 15.532+/-0.637 χ^2 /NDF:325.6/24

All: 14.623+/-0.475 χ^2 /NDF: 625.2/45

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 ± 1.668 $\chi^2/\text{NDF}: 357.9/16$

Left Out: 22.564 ± 1.399 $\chi^2/\text{NDF}: 328.4/5$

Right Out: 44.222 ± 1.602 $\chi^2/\text{NDF}: 534.4/18$

Left In: 22.171 ± 1.572 $\chi^2/\text{NDF}: 242.6/3$

Left: 22.390 ± 1.045 $\chi^2/\text{NDF}: 571.0/9$

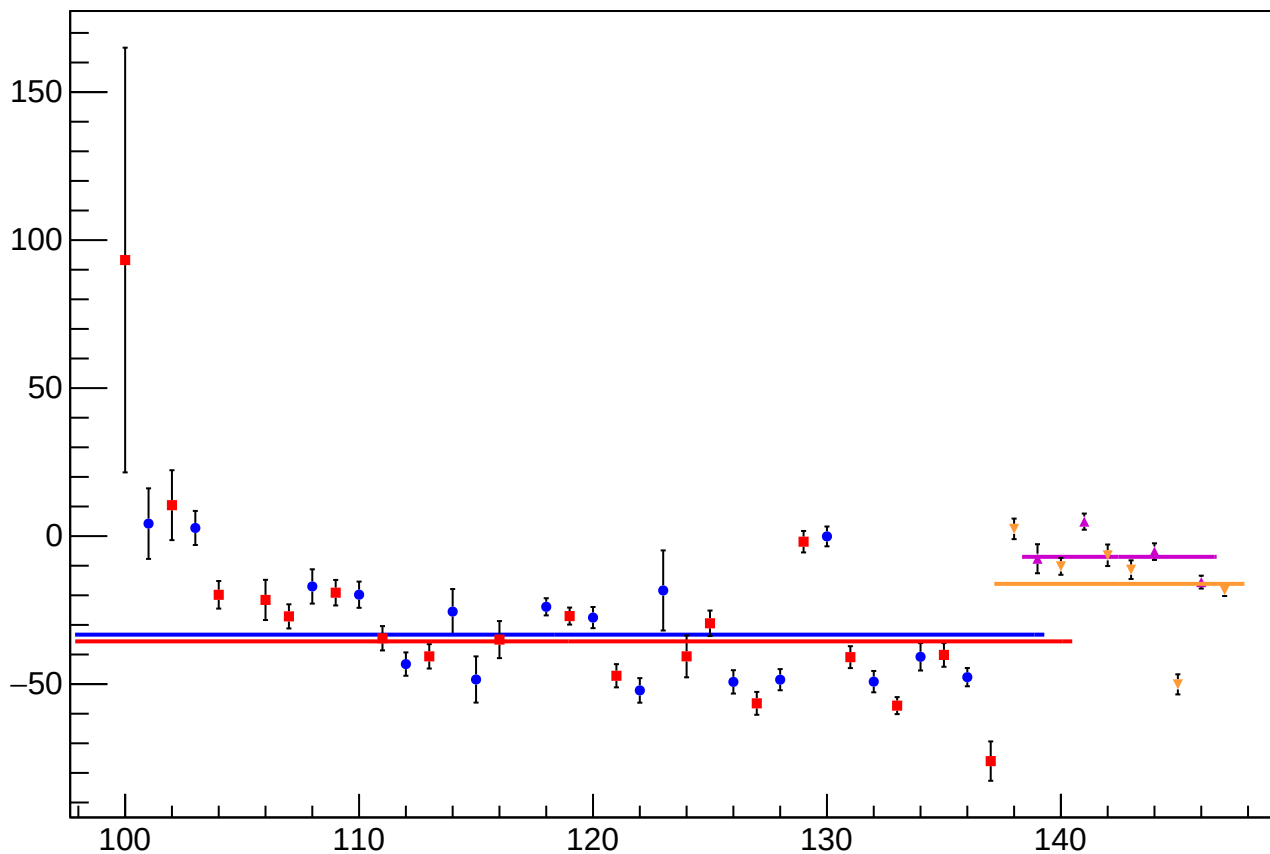
Right: 47.226 ± 1.156 $\chi^2/\text{NDF}: 899.6/35$

In: 35.485 ± 1.144 $\chi^2/\text{NDF}: 753.1/20$

Out: 31.930 ± 1.054 $\chi^2/\text{NDF}: 966.4/24$

All: 33.562 ± 0.775 $\chi^2/\text{NDF}: 1724.7/45$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.128 ± 1.177 χ^2/NDF : 143.4/5

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

Left In: -7.002 ± 1.396 χ^2/NDF : 34.8/3

Left: -12.336 ± 0.900 χ^2/NDF : 203.1/9

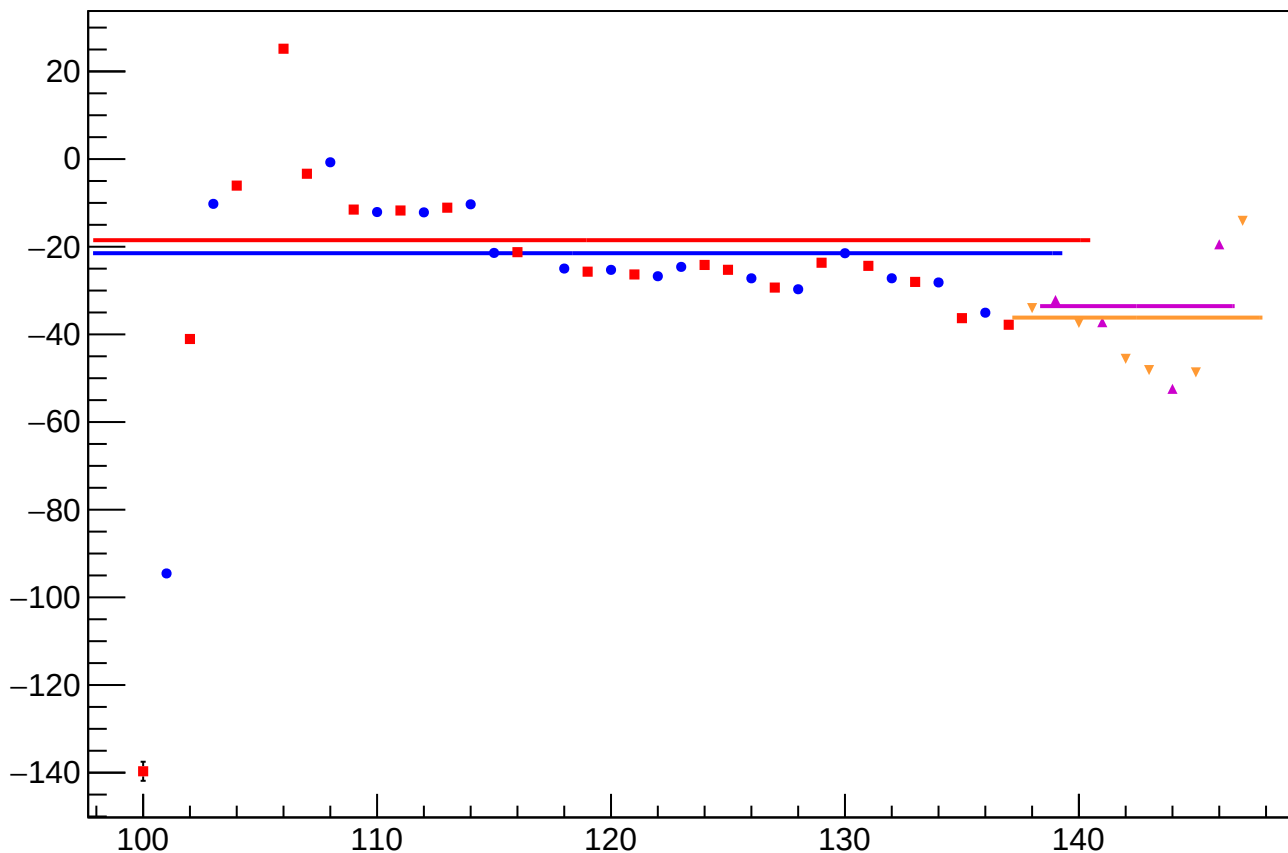
Right: -34.474 ± 0.716 χ^2/NDF : 579.3/35

In: -23.987 ± 0.830 χ^2/NDF : 553.1/20

Out: -27.487 ± 0.759 χ^2/NDF : 590.4/24

All: -25.895 ± 0.560 χ^2/NDF : 1153.2/45

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 $\pm$ 0.059 χ^2 /NDF: 49009.8/16

Left Out: -36.167 $\pm$ 0.059 χ^2 /NDF: 43266.7/5

Right Out: -18.506 $\pm$ 0.057 χ^2 /NDF: 80734.5/18

Left In: -33.551 $\pm$ 0.064 χ^2 /NDF: 27778.8/3

Left: -34.979 $\pm$ 0.043 χ^2 /NDF: 71953.5/9

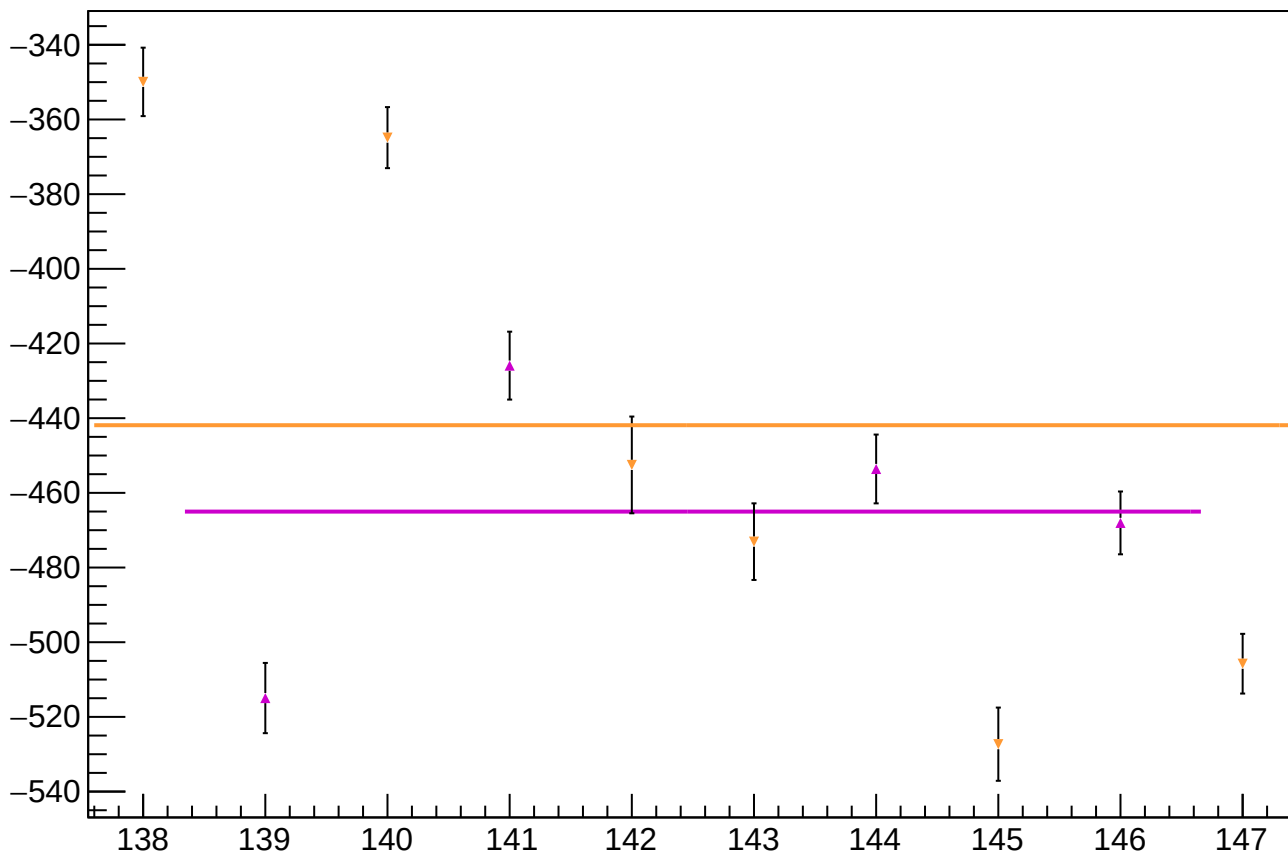
Right: -19.957 $\pm$ 0.041 χ^2 /NDF: 131054.3/35

In: -26.978 $\pm$ 0.043 χ^2 /NDF: 96082.0/20

Out: -27.160 $\pm$ 0.041 χ^2 /NDF: 170478.8/24

All: -27.074 $\pm$ 0.030 χ^2 /NDF: 266570.1/45

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -441.882+/-3.825 χ^2/NDF :339.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -465.018+/-4.504 χ^2/NDF :48.3/3

Left: -451.576+/-2.915 χ^2/NDF : 402.7/9

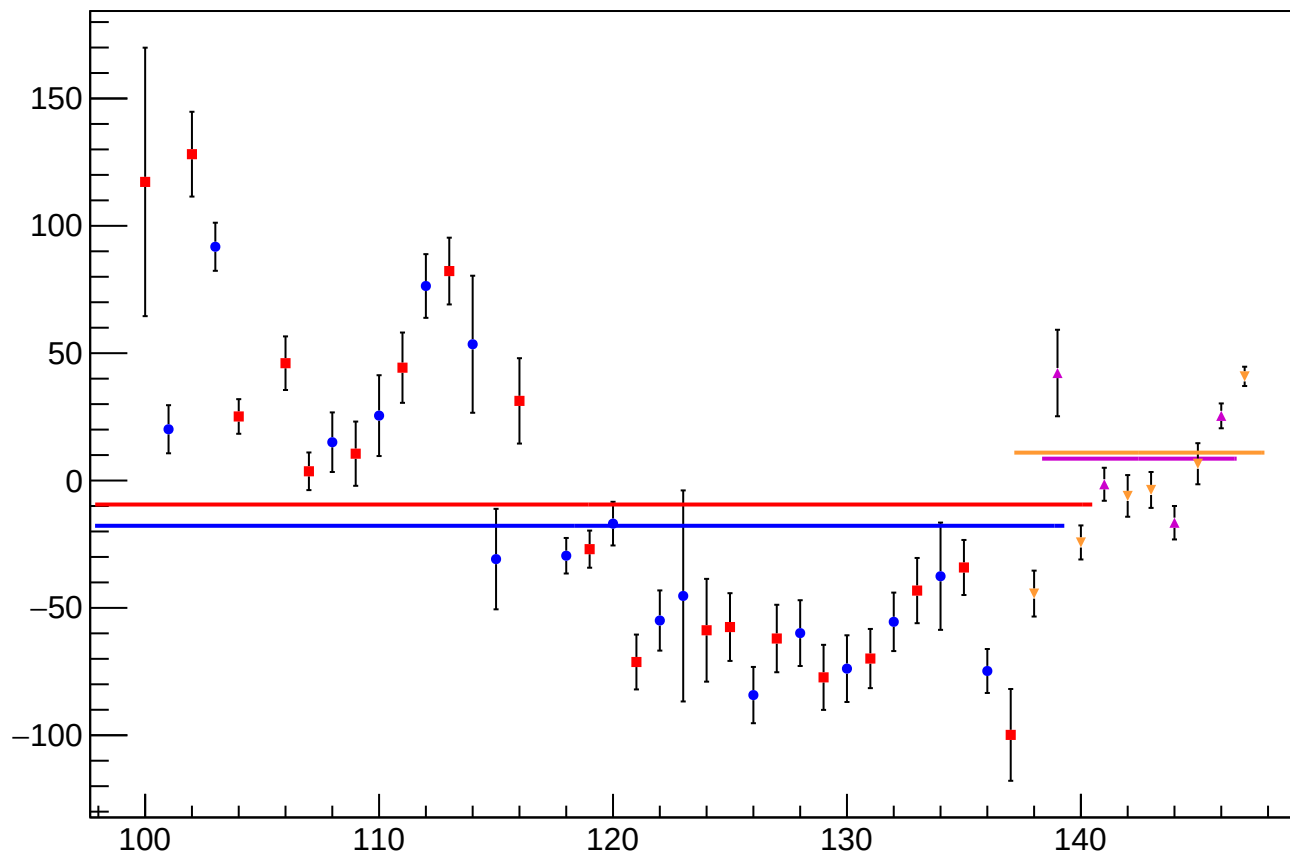
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -465.018+/-4.504 χ^2/NDF :48.3/3

Out: -441.882+/-3.825 χ^2/NDF :339.0/5

All: -451.576+/-2.915 χ^2/NDF : 402.7/9

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 10.959 ± 2.542 χ^2/NDF : 136.9/5

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

Left In: 8.589 ± 3.288 χ^2/NDF : 32.9/3

Left: 10.072 ± 2.011 χ^2/NDF : 170.1/9

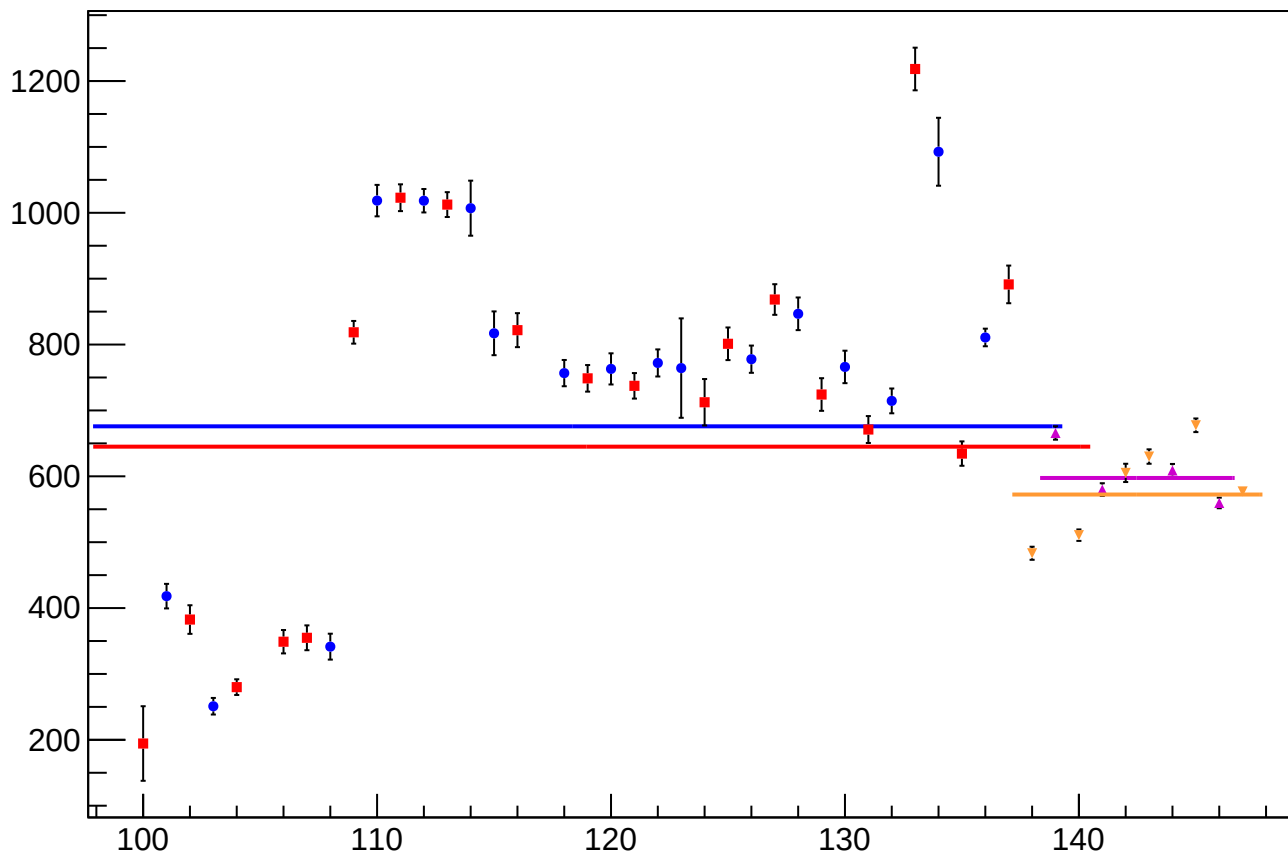
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: -6.773 ± 2.124 χ^2/NDF : 434.1/20

Out: 1.054 ± 1.822 χ^2/NDF : 537.8/24

All: -2.265 ± 1.383 χ^2/NDF : 979.7/45

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 572.354+/-3.948 χ^2/NDF : 267.7/5

Right Out: 645.014+/-4.761 χ^2/NDF : 3123.3/18

Left In: 597.484+/-4.656 χ^2/NDF : 72.0/3

Left: 582.864+/-3.011 χ^2/NDF : 356.6/9

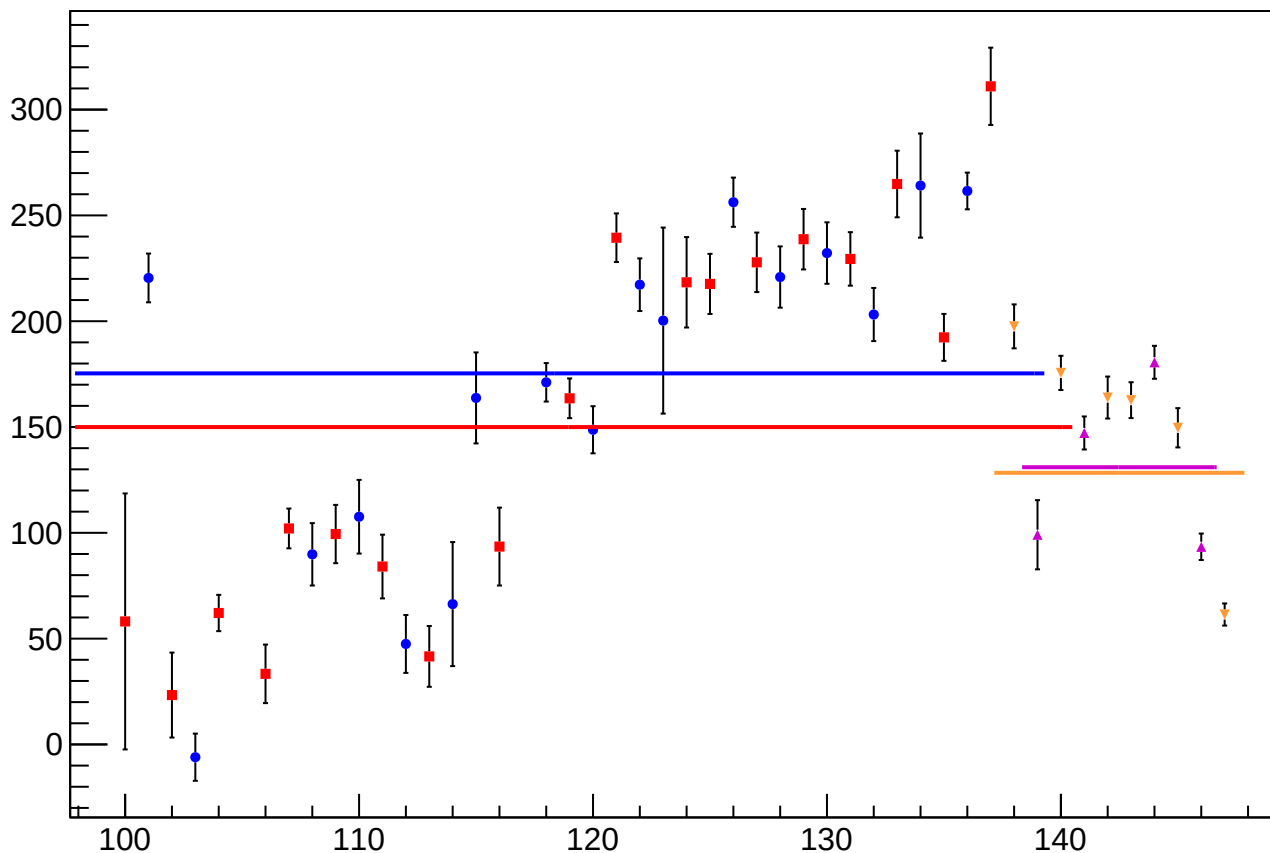
Right: 659.573+/-3.460 χ^2/NDF : 5729.5/35

In: 633.604+/-3.419 χ^2/NDF : 2789.0/20

Out: 601.961+/-3.039 χ^2/NDF : 3529.0/24

All: 615.926+/-2.272 χ^2/NDF : 6365.8/45

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 128.358 $\pm$ 3.212 χ^2 /NDF:277.4/5

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

Left In: 130.998 $\pm$ 4.008 χ^2 /NDF:84.9/3

Left: 129.391 $\pm$ 2.506 χ^2 /NDF: 362.5/9

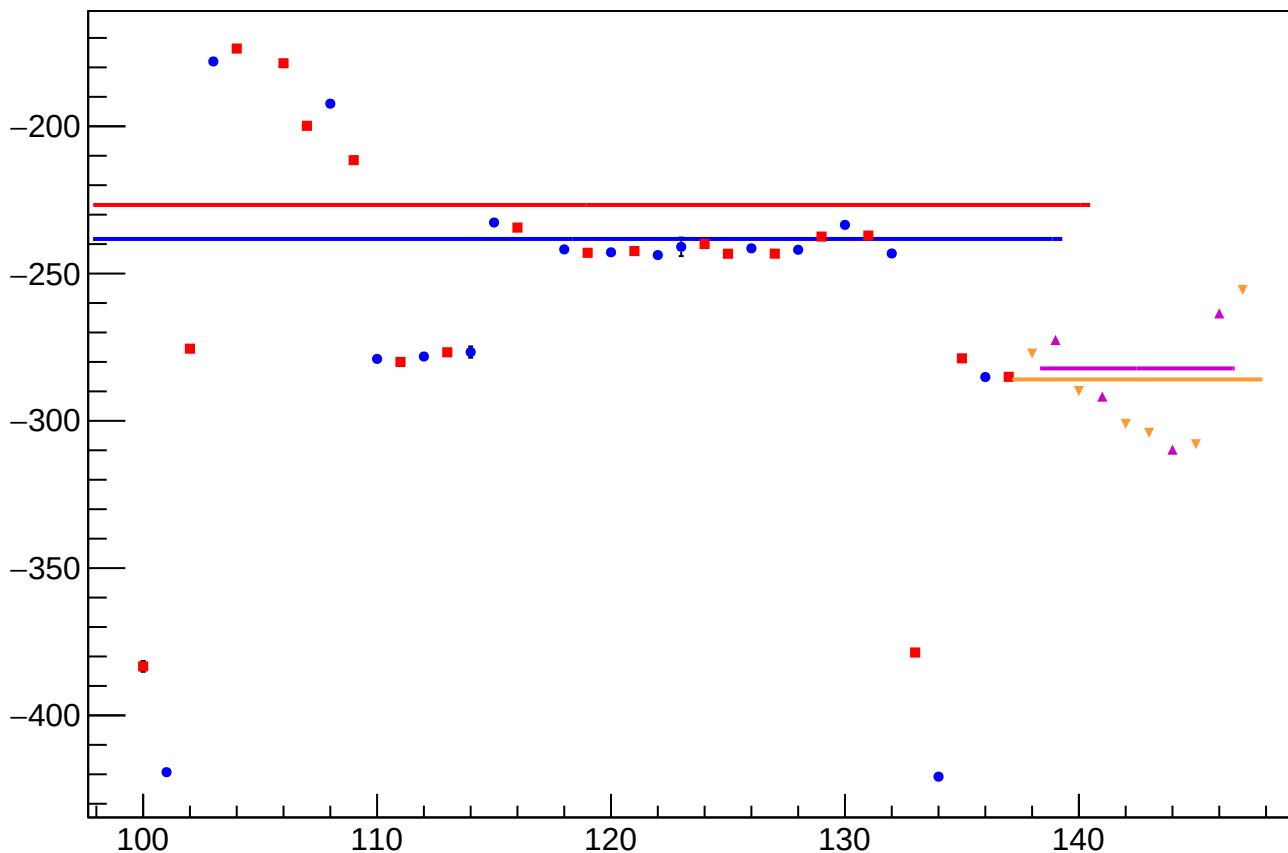
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 158.058 $\pm$ 2.502 χ^2 /NDF:798.0/20

Out: 139.739 $\pm$ 2.210 χ^2 /NDF:994.3/24

All: 147.767 $\pm$ 1.656 χ^2 /NDF: 1822.5/45

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -285.935+/-0.167 χ^2/NDF :13397.3/5

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

Left In: -282.202+/-0.193 χ^2/NDF :7963.3/3

Left: -284.331+/-0.126 χ^2/NDF : 21574.6/9

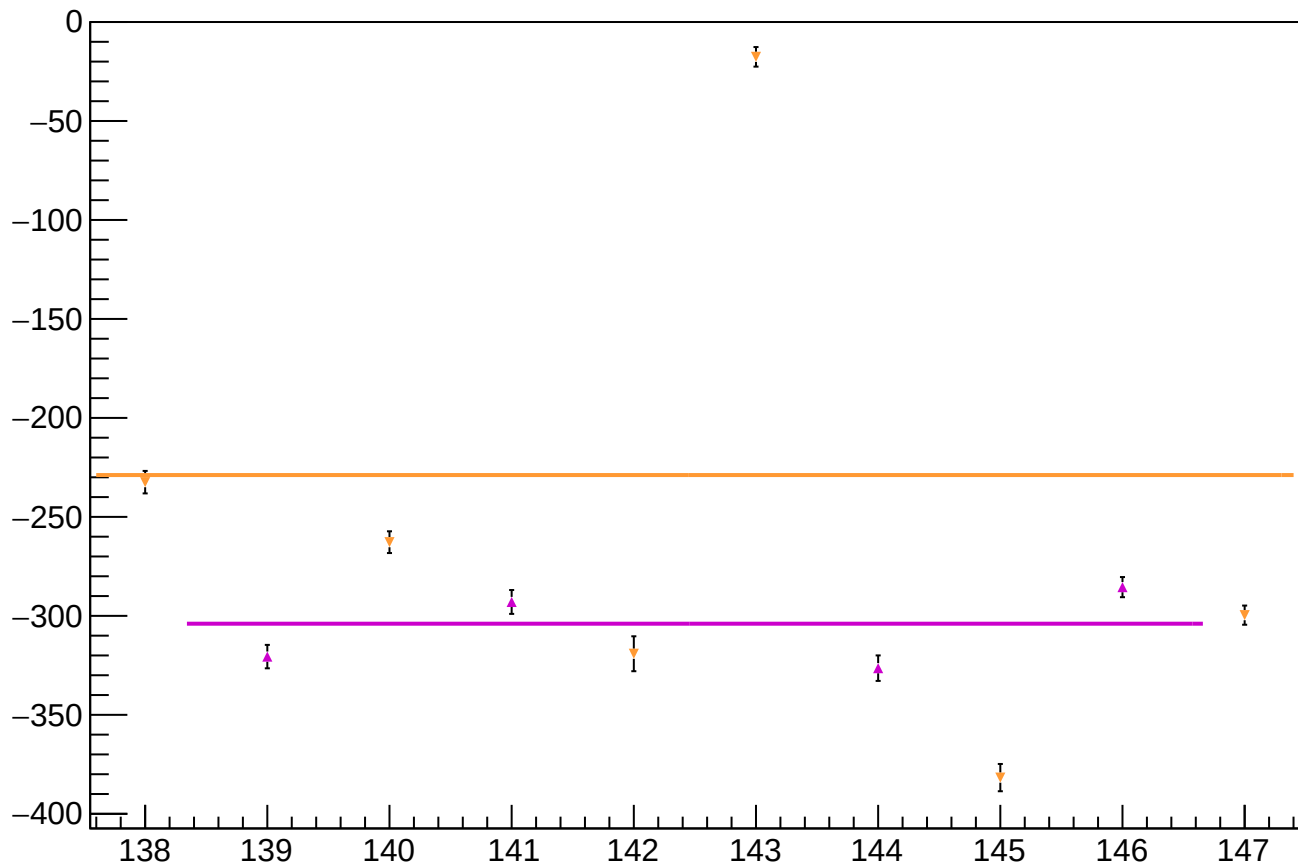
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -256.172+/-0.123 χ^2/NDF :205893.5/20

Out: -253.328+/-0.112 χ^2/NDF :185292.2/24

All: -254.618+/-0.083 χ^2/NDF : 391477.5/45

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -228.865+/-2.347 χ^2/NDF : 2673.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -303.961+/-2.901 χ^2/NDF : 36.6/3

Left: -258.573+/-1.825 χ^2/NDF : 3115.0/9

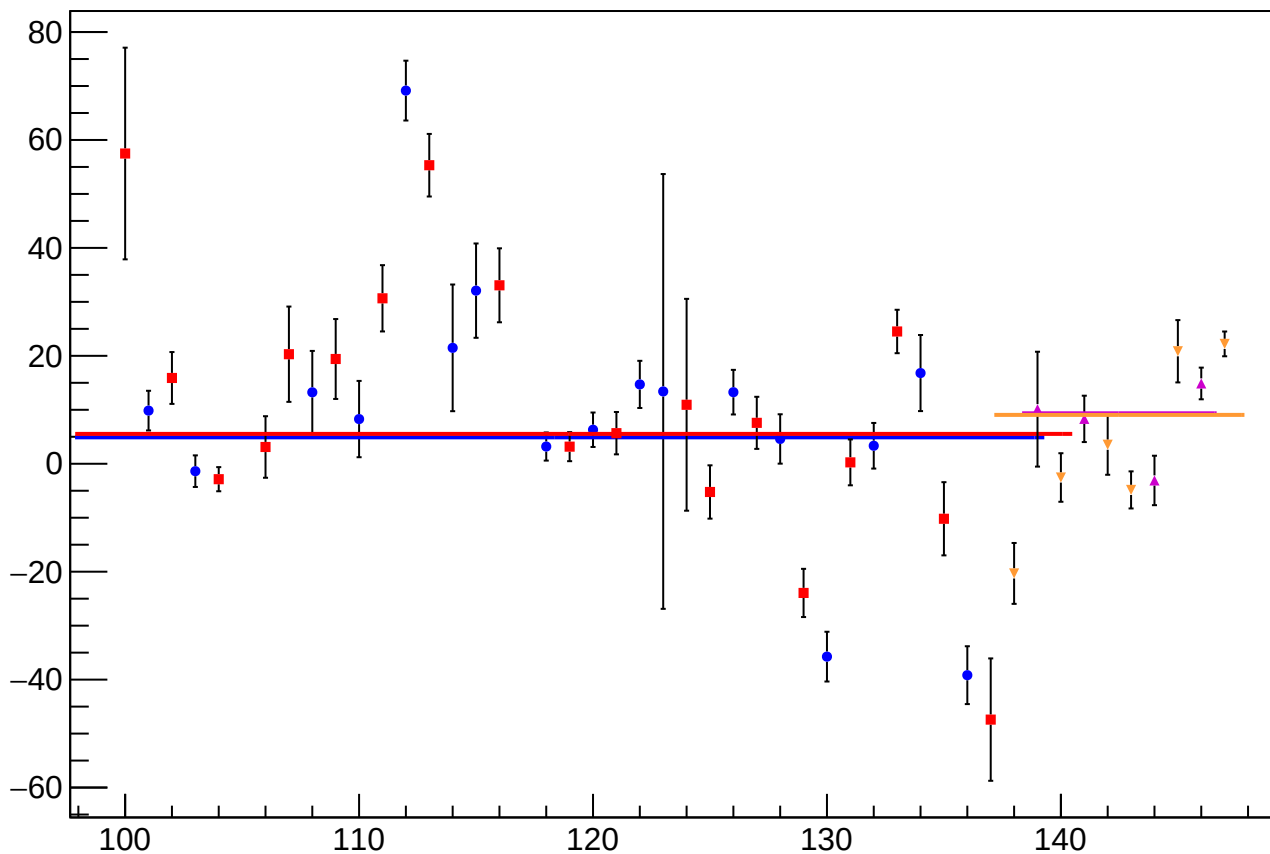
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -303.961+/-2.901 χ^2/NDF : 36.6/3

Out: -228.865+/-2.347 χ^2/NDF : 2673.4/5

All: -258.573+/-1.825 χ^2/NDF : 3115.0/9

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 9.056 ± 1.548 χ^2/NDF : 88.1/5

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

Left In: 9.350 ± 2.100 χ^2/NDF : 11.0/3

Left: 9.159 ± 1.246 χ^2/NDF : 99.1/9

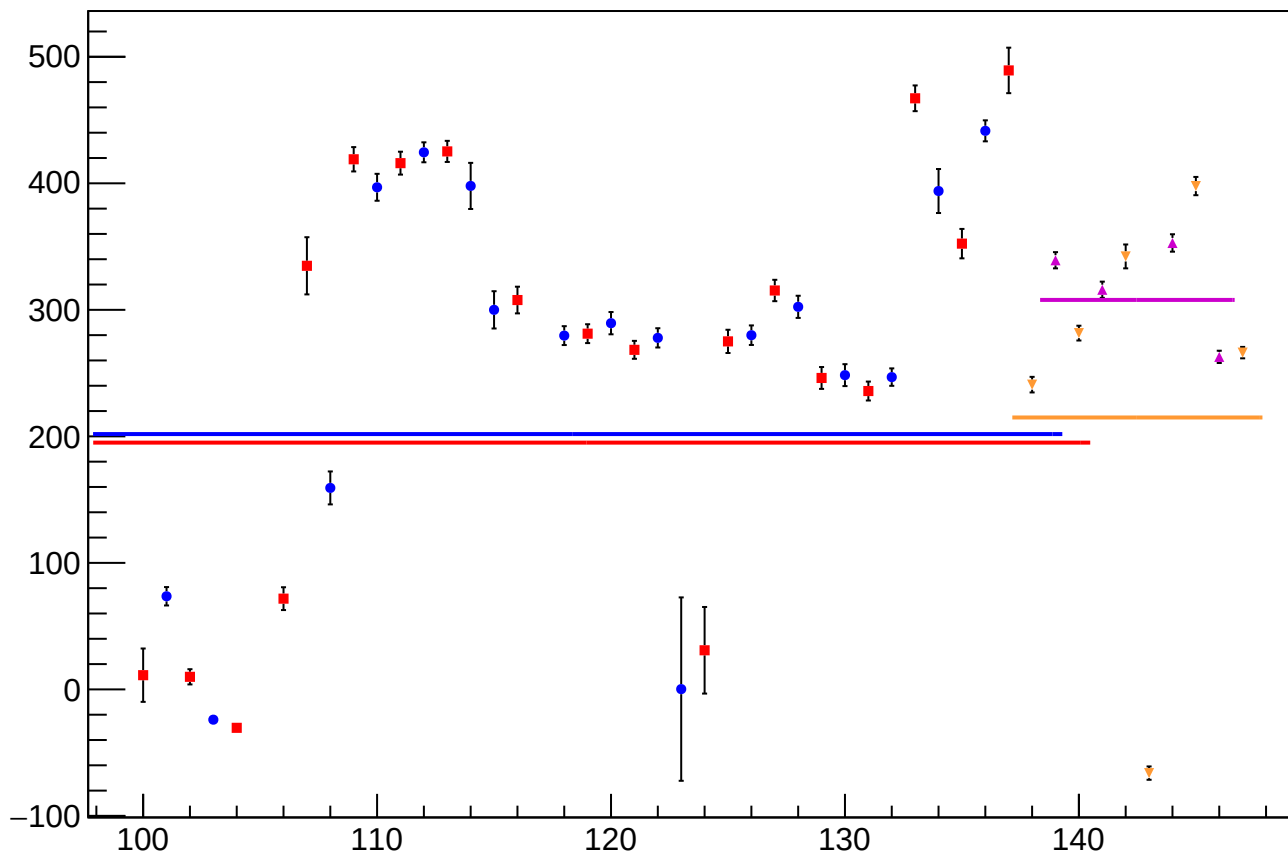
Right: 5.220 ± 0.764 χ^2/NDF : 551.3/35

In: 5.840 ± 0.967 χ^2/NDF : 326.5/20

Out: 6.675 ± 0.881 χ^2/NDF : 330.8/24

All: 6.296 ± 0.651 χ^2/NDF : 657.7/45

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 214.919 $\pm$ 2.420 χ^2 /NDF:3933.4/5

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 307.840 $\pm$ 2.986 χ^2 /NDF:154.1/3

Left: 251.754 $\pm$ 1.880 χ^2 /NDF: 4672.0/9

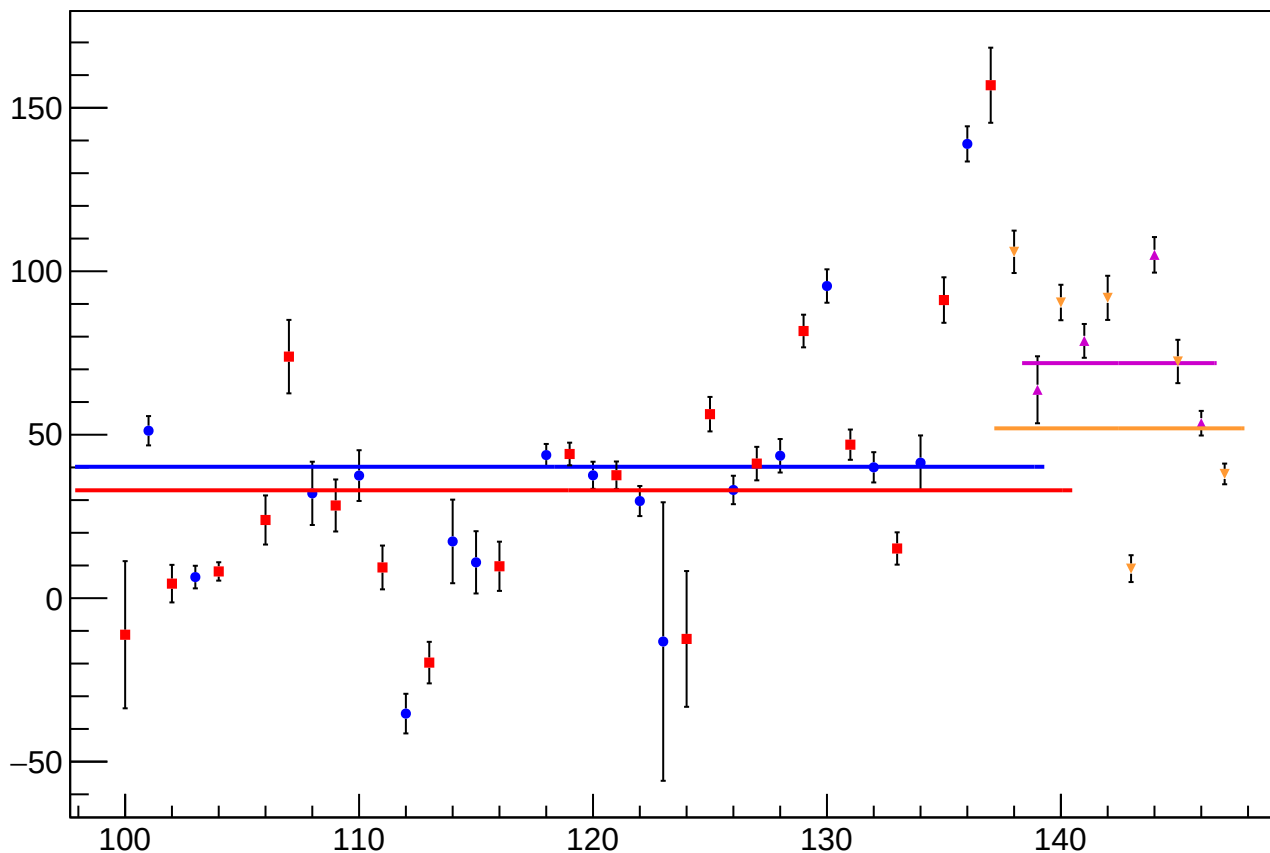
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 233.973 $\pm$ 1.645 χ^2 /NDF:7786.7/20

Out: 202.749 $\pm$ 1.506 χ^2 /NDF:12231.8/24

All: 216.992 $\pm$ 1.111 χ^2 /NDF: 20214.6/45

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196 ± 1.268 $\chi^2/\text{NDF}: 735.0/16$

Left Out: 51.948 ± 1.955 $\chi^2/\text{NDF}: 292.7/5$

Right Out: 32.999 ± 1.253 $\chi^2/\text{NDF}: 554.1/18$

Left In: 71.901 ± 2.571 $\chi^2/\text{NDF}: 63.3/3$

Left: 59.259 ± 1.557 $\chi^2/\text{NDF}: 394.1/9$

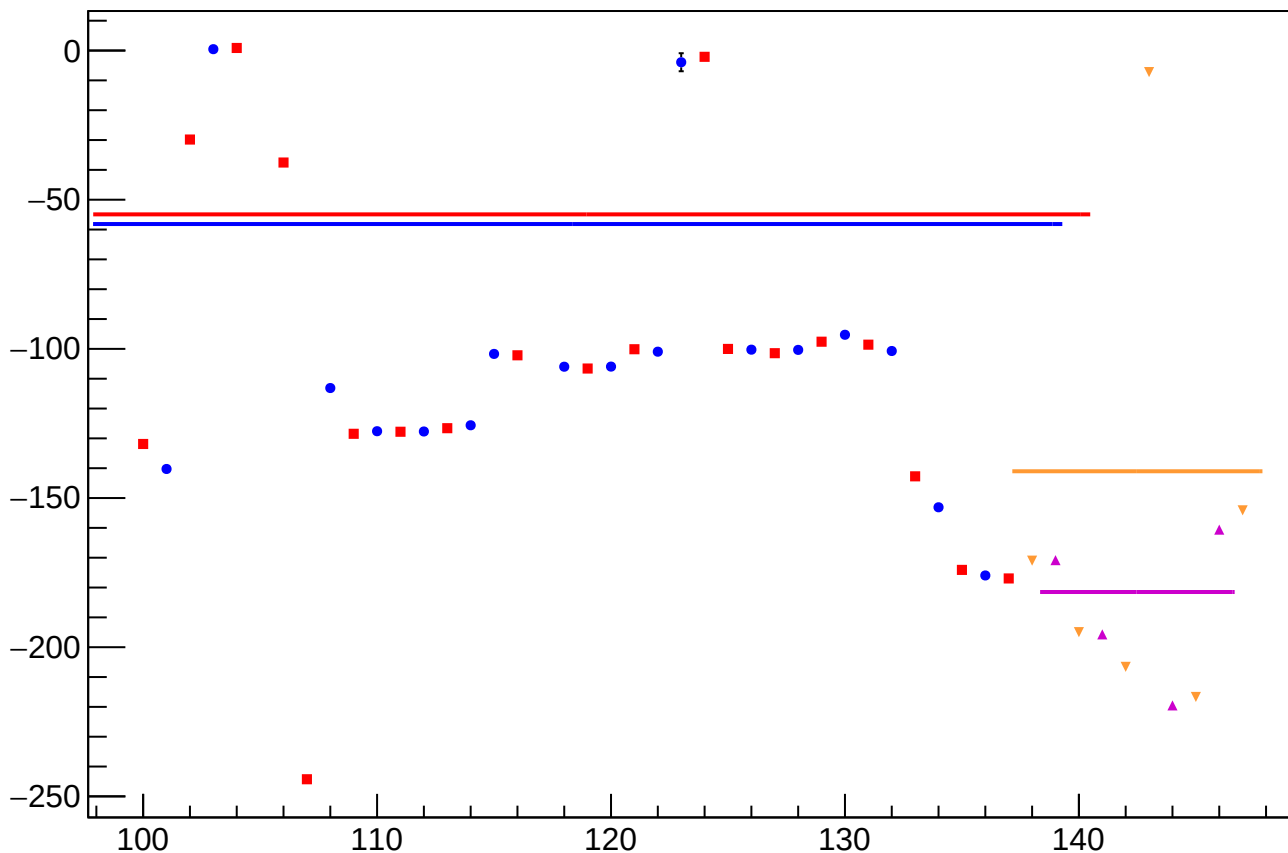
Right: 36.555 ± 0.891 $\chi^2/\text{NDF}: 1305.3/35$

In: 46.394 ± 1.137 $\chi^2/\text{NDF}: 920.6/20$

Out: 38.512 ± 1.055 $\chi^2/\text{NDF}: 913.3/24$

All: 42.158 ± 0.773 $\chi^2/\text{NDF}: 1859.7/45$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -141.027 $\pm$ 0.102 χ^2 /NDF: 564956.4/5

Right Out: -54.914 $\pm$ 0.060 χ^2 /NDF: 1003885.5/18

Left In: -181.496 $\pm$ 0.124 χ^2 /NDF: 29831.3/3

Left: -157.457 $\pm$ 0.079 χ^2 /NDF: 658462.0/9

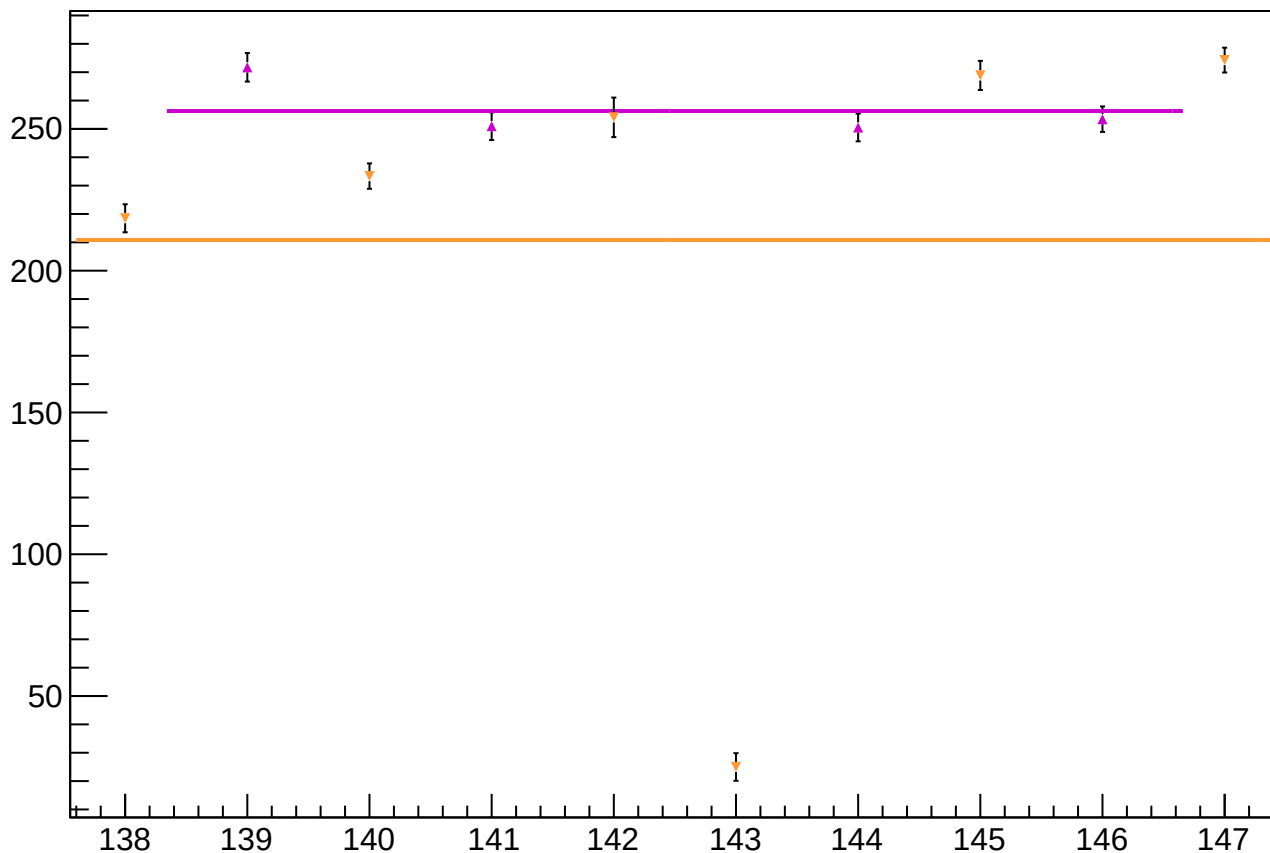
Right: -56.499 $\pm$ 0.043 χ^2 /NDF: 2110811.0/35

In: -82.677 $\pm$ 0.055 χ^2 /NDF: 1933094.9/20

Out: -77.112 $\pm$ 0.052 χ^2 /NDF: 2095922.2/24

All: -79.726 $\pm$ 0.038 χ^2 /NDF: 4034423.4/45

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 210.823+/-2.026 χ^2/NDF :1860.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.299+/-2.407 χ^2/NDF :12.4/3

Left: 229.687+/-1.550 χ^2/NDF : 2081.3/9

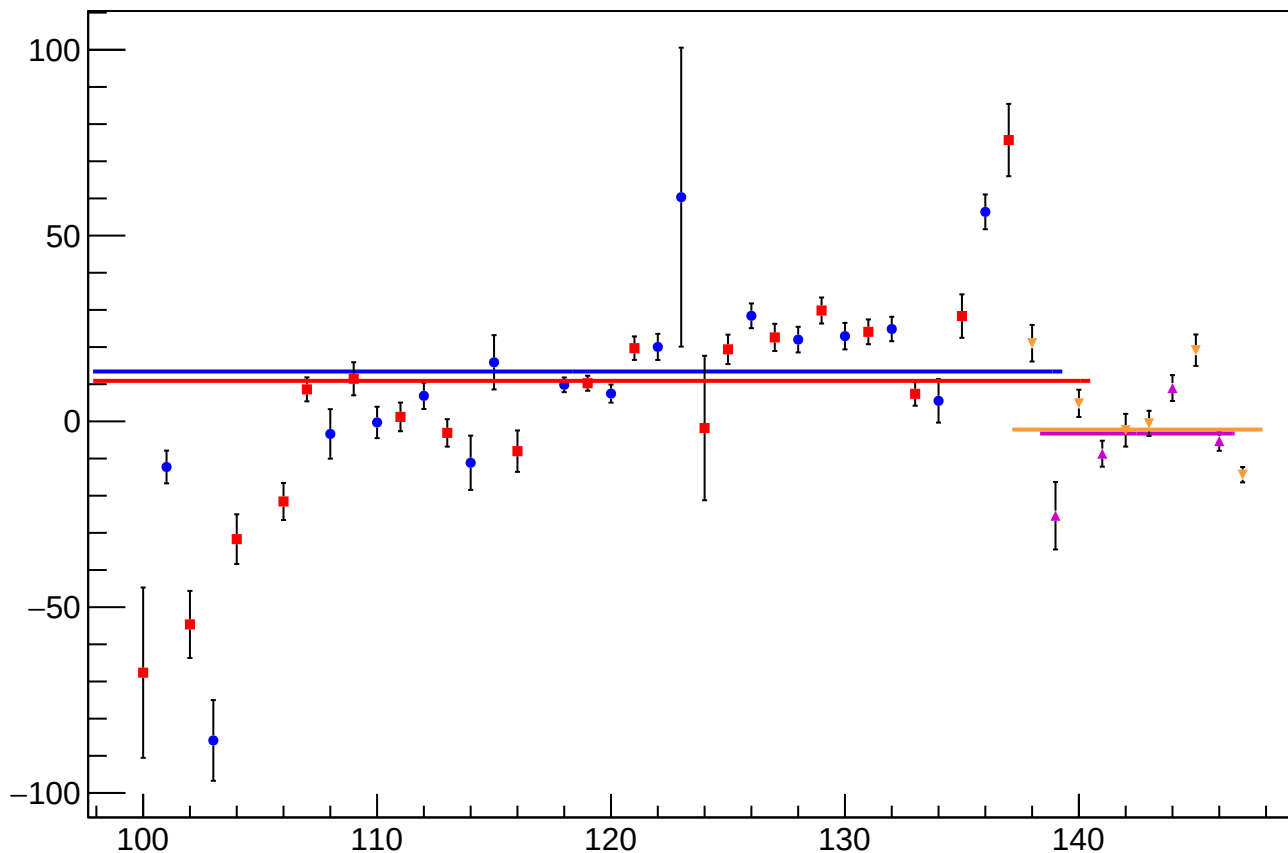
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.299+/-2.407 χ^2/NDF :12.4/3

Out: 210.823+/-2.026 χ^2/NDF :1860.0/5

All: 229.687+/-1.550 χ^2/NDF : 2081.3/9

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: -2.208+/-1.358 χ^2/NDF : 85.9/5

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

Left In: -3.265+/-1.762 χ^2/NDF : 21.3/3

Left: -2.602+/-1.076 χ^2/NDF : 107.5/9

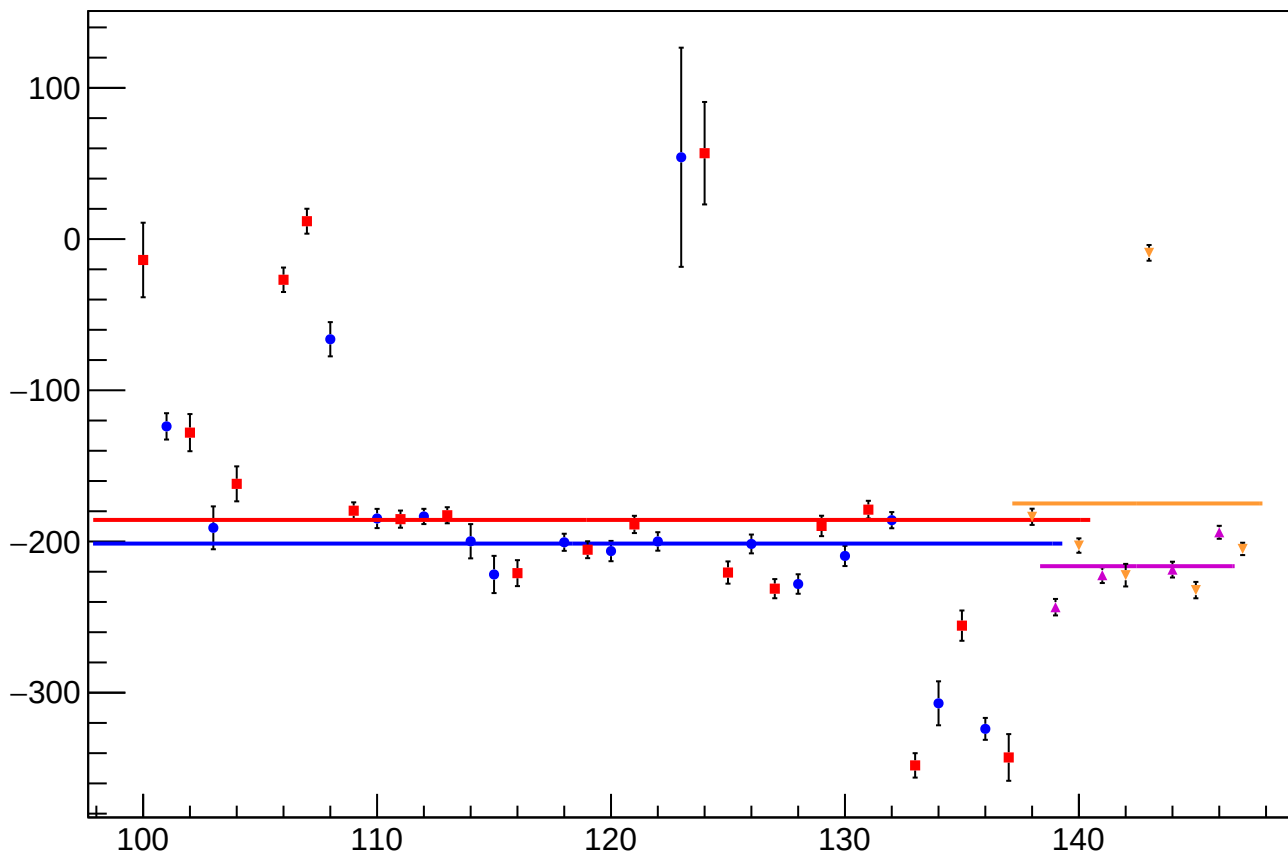
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 9.852+/-0.815 χ^2/NDF : 387.0/20

Out: 6.806+/-0.759 χ^2/NDF : 452.6/24

All: 8.221+/-0.556 χ^2/NDF : 847.1/45

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -174.851 ± 2.096 χ^2/NDF : 1259.2/5

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: -216.332 ± 2.489 χ^2/NDF : 53.5/3

Left: -192.066 ± 1.603 χ^2/NDF : 1475.2/9

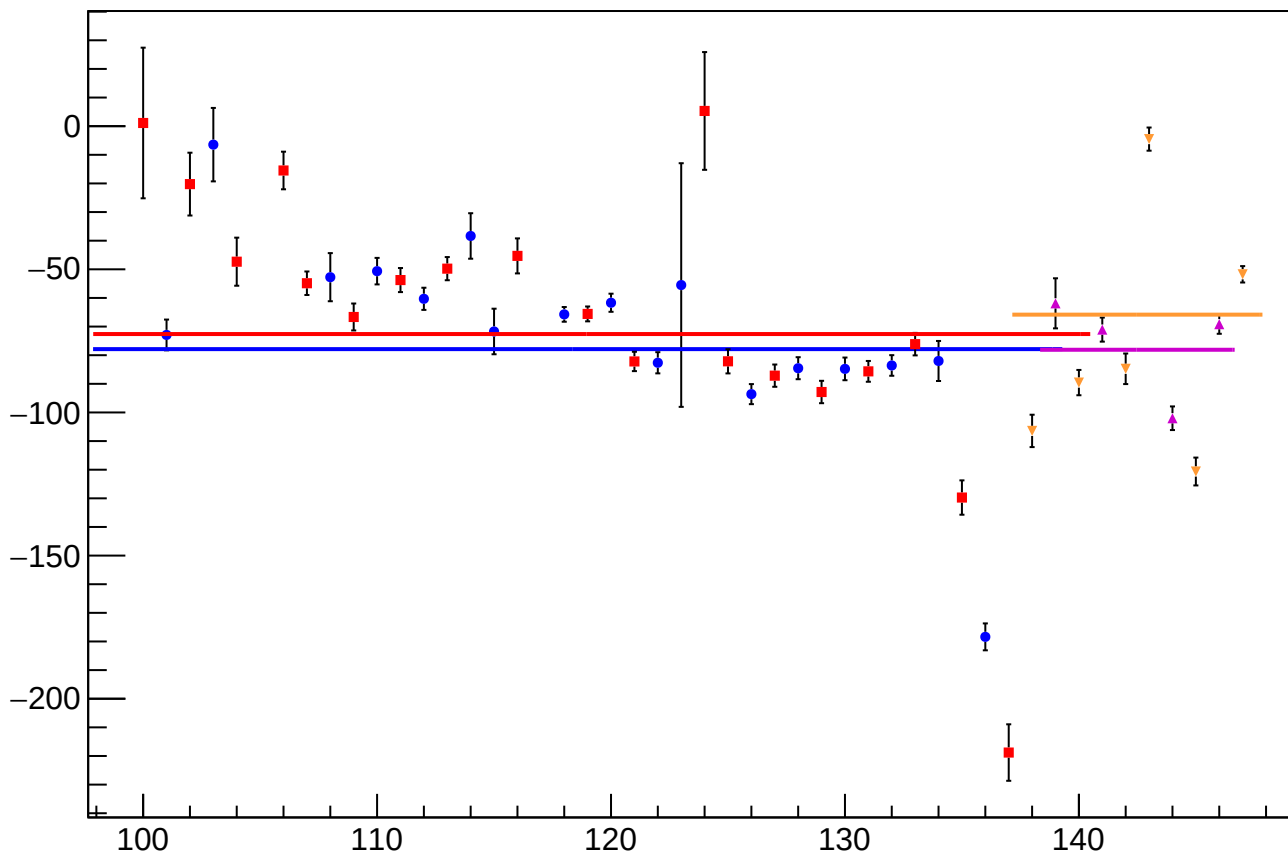
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -206.440 ± 1.448 χ^2/NDF : 700.9/20

Out: -181.419 ± 1.320 χ^2/NDF : 3024.8/24

All: -192.783 ± 0.976 χ^2/NDF : 3888.7/45

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -65.834 ± 1.707 $\chi^2/\text{NDF}: 473.9/5$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

Left In: -78.100 ± 2.146 $\chi^2/\text{NDF}: 46.9/3$

Left: -70.589 ± 1.336 $\chi^2/\text{NDF}: 540.9/9$

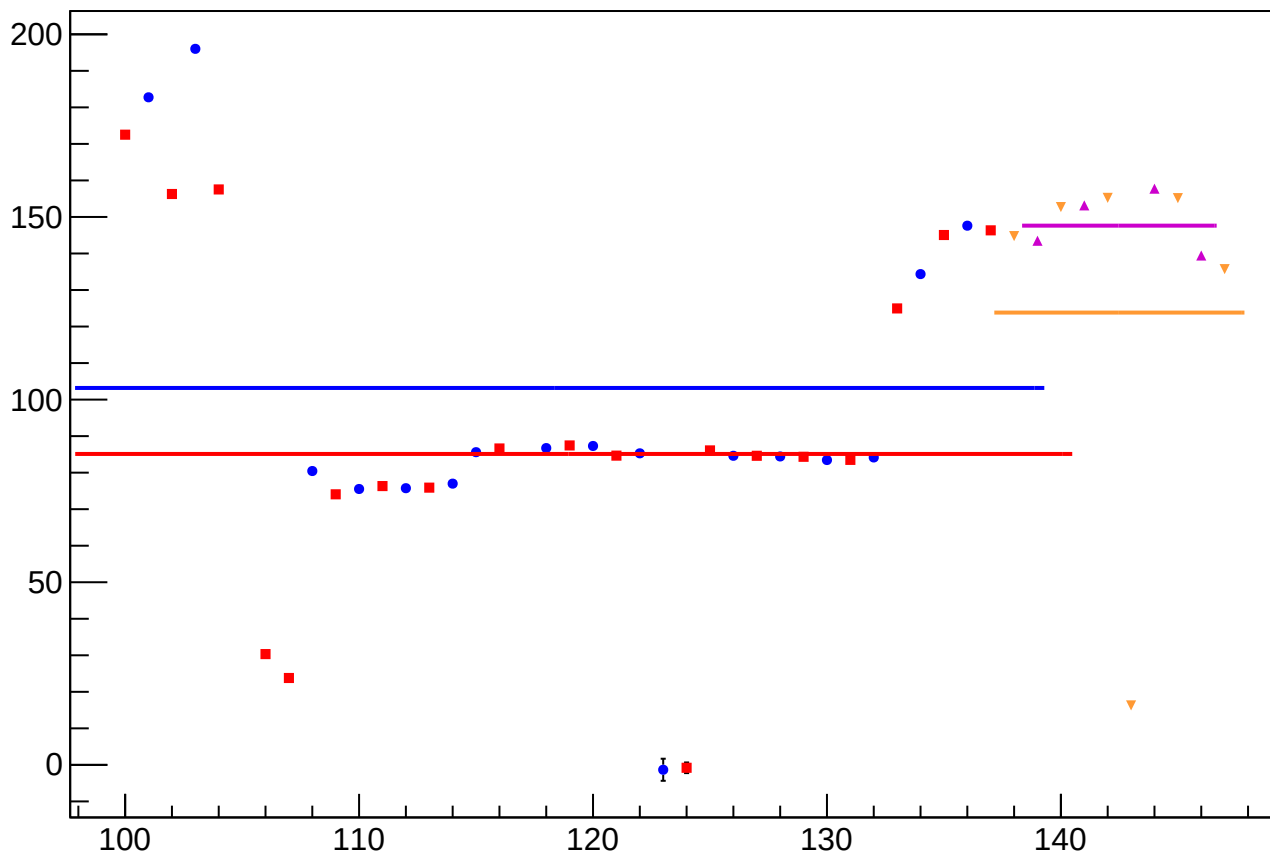
Right: -75.215 ± 0.749 $\chi^2/\text{NDF}: 1277.4/35$

In: -77.921 ± 0.954 $\chi^2/\text{NDF}: 705.1/20$

Out: -70.742 ± 0.897 $\chi^2/\text{NDF}: 1092.2/24$

All: -74.108 ± 0.654 $\chi^2/\text{NDF}: 1827.4/45$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 123.825 $\pm$ 0.088 χ^2 /NDF: 332803.5/5

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 147.622 $\pm$ 0.103 χ^2 /NDF: 4819.9/3

Left: 133.890 $\pm$ 0.067 χ^2 /NDF: 368381.9/9

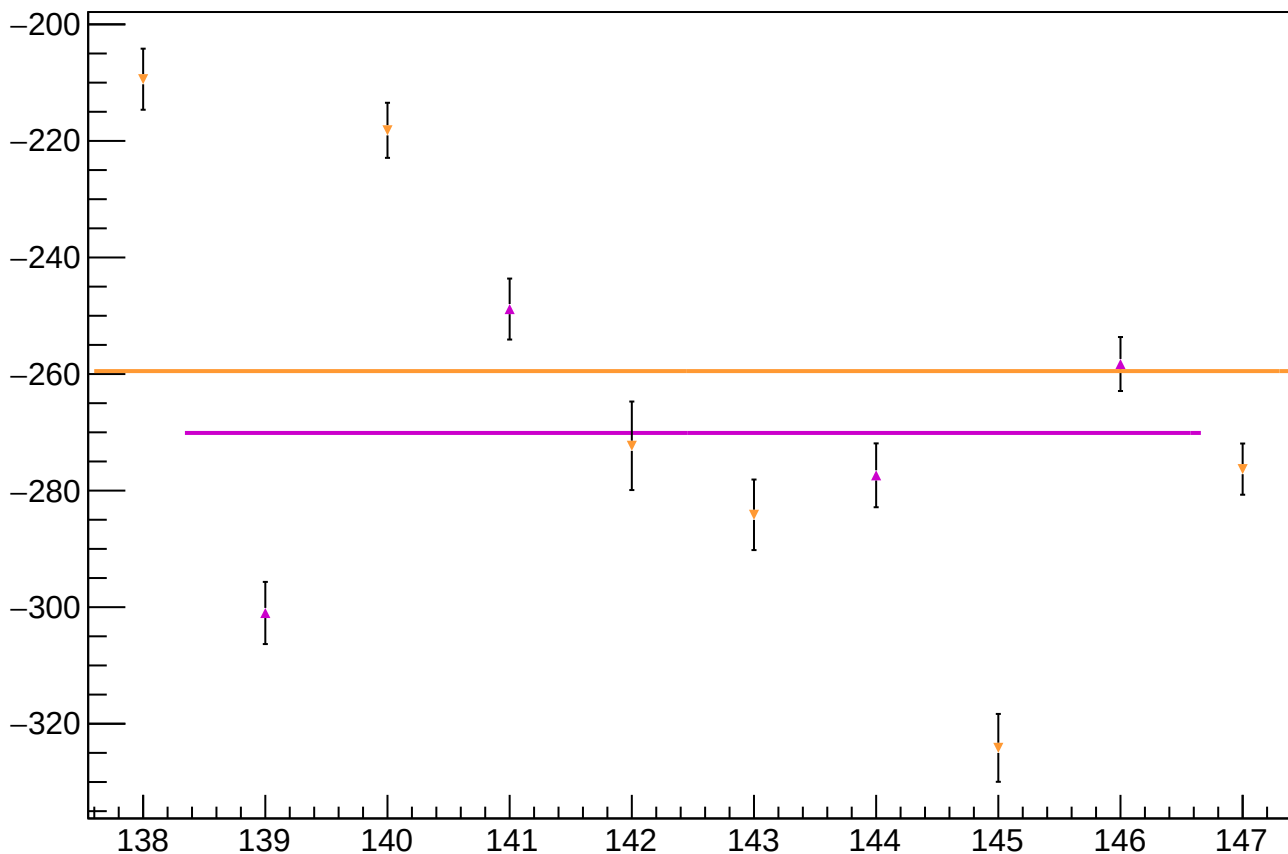
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 117.305 $\pm$ 0.058 χ^2 /NDF: 405208.9/20

Out: 98.386 $\pm$ 0.052 χ^2 /NDF: 882750.3/24

All: 106.741 $\pm$ 0.039 χ^2 /NDF: 1347176.9/45

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -259.494+/-2.197 χ^2 /NDF:325.2/5

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -270.105+/-2.568 χ^2 /NDF:58.3/3

Left: -263.978+/-1.669 χ^2 /NDF: 393.4/9

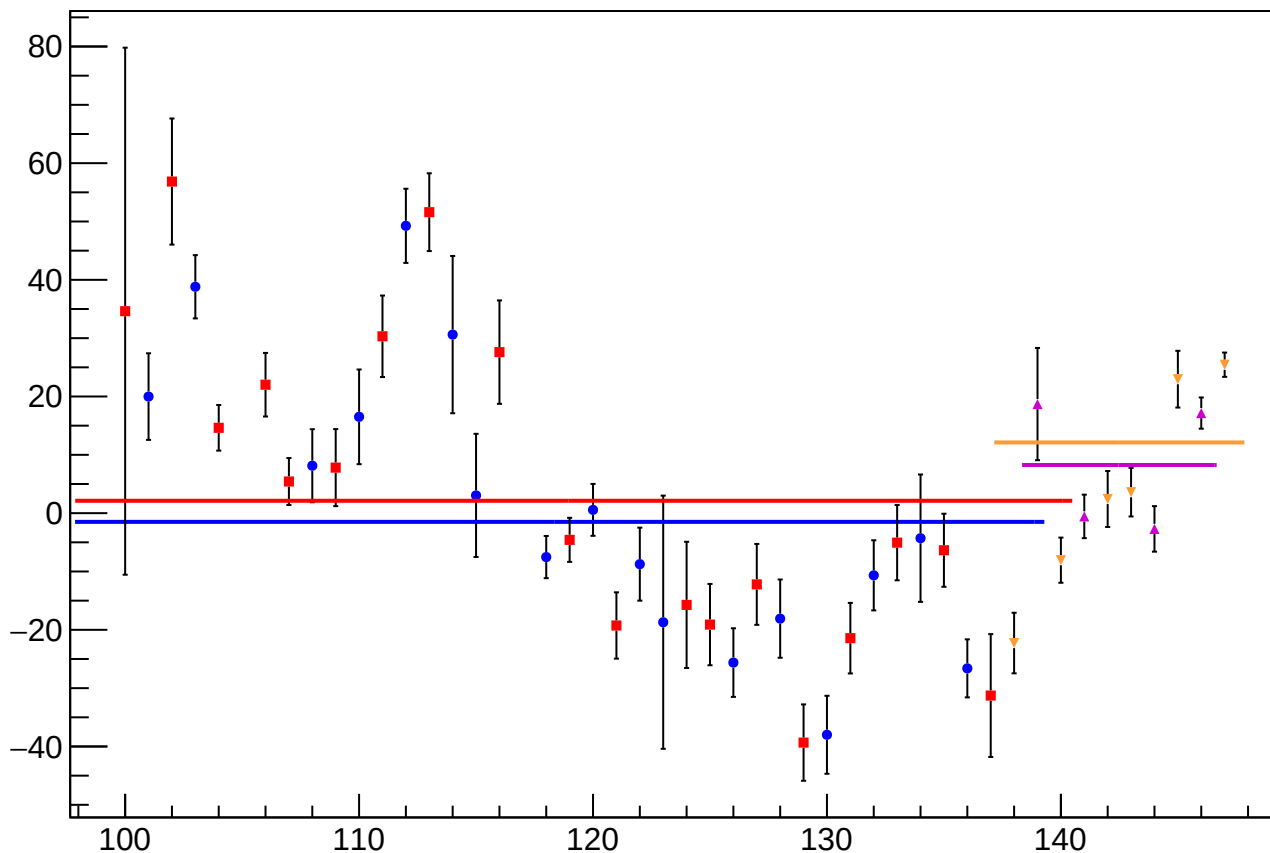
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -270.105+/-2.568 χ^2 /NDF:58.3/3

Out: -259.494+/-2.197 χ^2 /NDF:325.2/5

All: -263.978+/-1.669 χ^2 /NDF: 393.4/9

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: 12.125 ± 1.446 χ^2/NDF : 125.3/5

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

Left In: 8.257 ± 1.864 χ^2/NDF : 25.7/3

Left: 10.671 ± 1.143 χ^2/NDF : 153.6/9

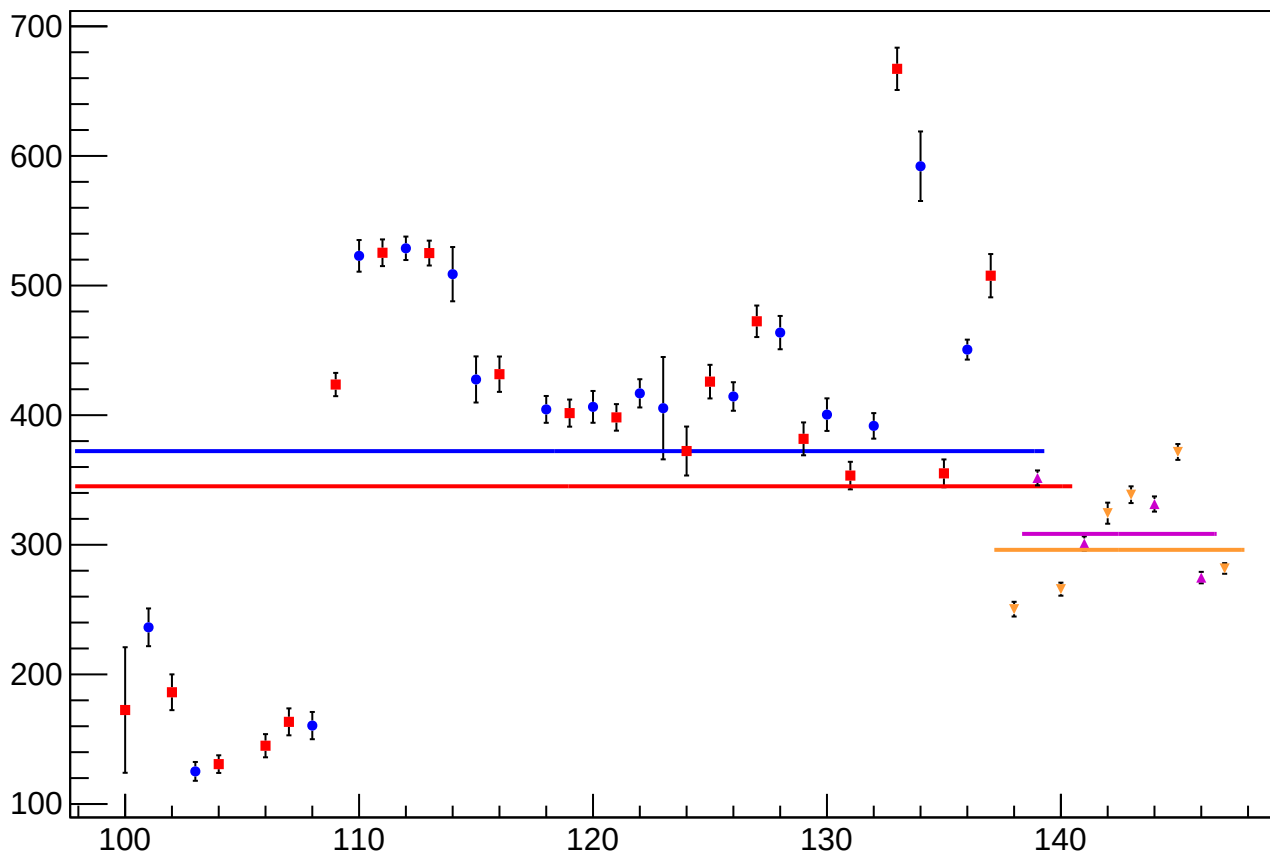
Right: 0.455 ± 1.029 χ^2/NDF : 461.8/35

In: 2.381 ± 1.175 χ^2/NDF : 268.3/20

Out: 6.972 ± 1.007 χ^2/NDF : 382.5/24

All: 5.028 ± 0.764 χ^2/NDF : 659.6/45

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 296.101 $\pm$ 2.259 χ^2 /NDF:321.9/5

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

Left In: 308.409 $\pm$ 2.648 χ^2 /NDF:131.3/3

Left: 301.286 $\pm$ 1.719 χ^2 /NDF: 465.7/9

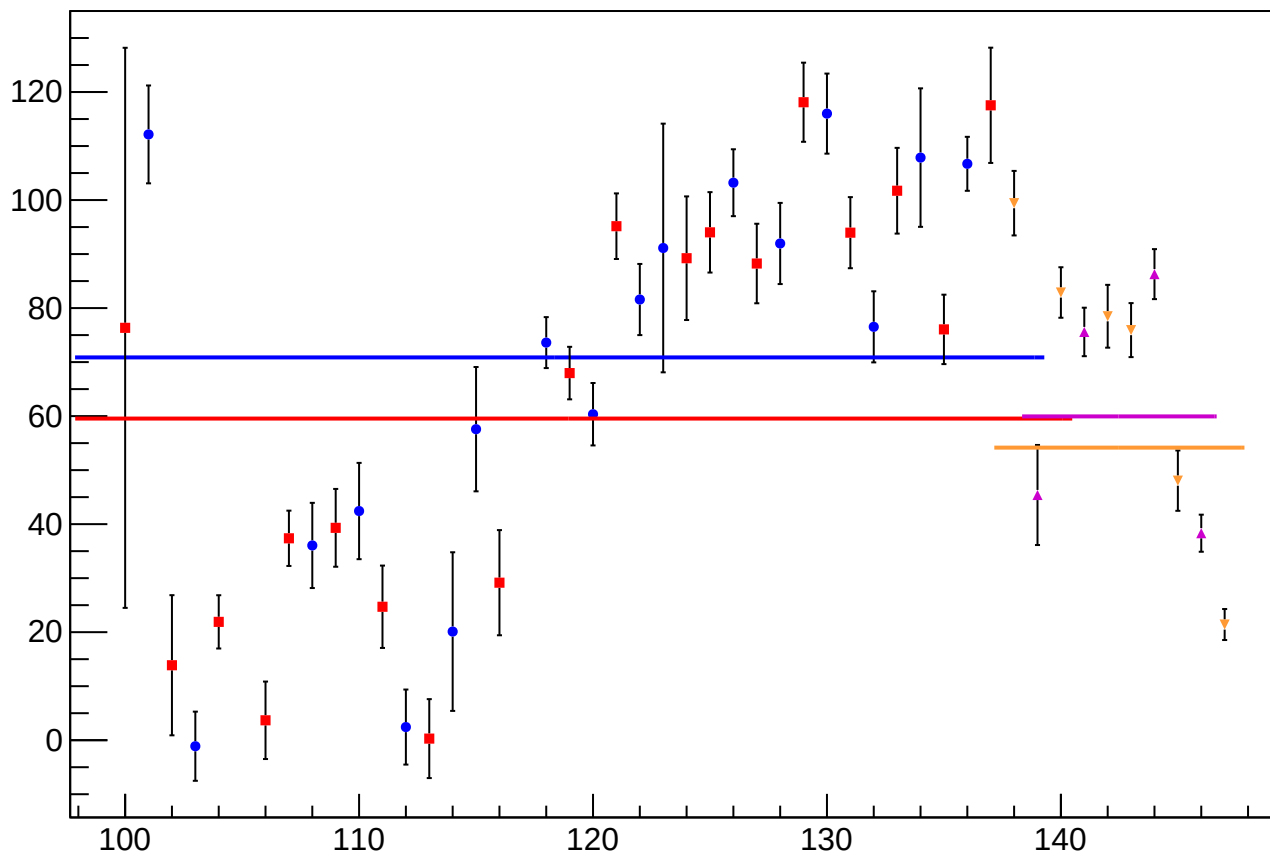
Right: 357.695 $\pm$ 1.878 χ^2 /NDF: 5901.5/35

In: 339.026 $\pm$ 1.911 χ^2 /NDF:2843.2/20

Out: 317.552 $\pm$ 1.695 χ^2 /NDF:3944.4/24

All: 327.006 $\pm$ 1.268 χ^2 /NDF: 6858.2/45

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 54.167 $\pm$ 1.836 χ^2 /NDF: 263.0/5

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 59.946 $\pm$ 2.277 χ^2 /NDF: 86.7/3

Left: 56.443 $\pm$ 1.429 χ^2 /NDF: 353.6/9

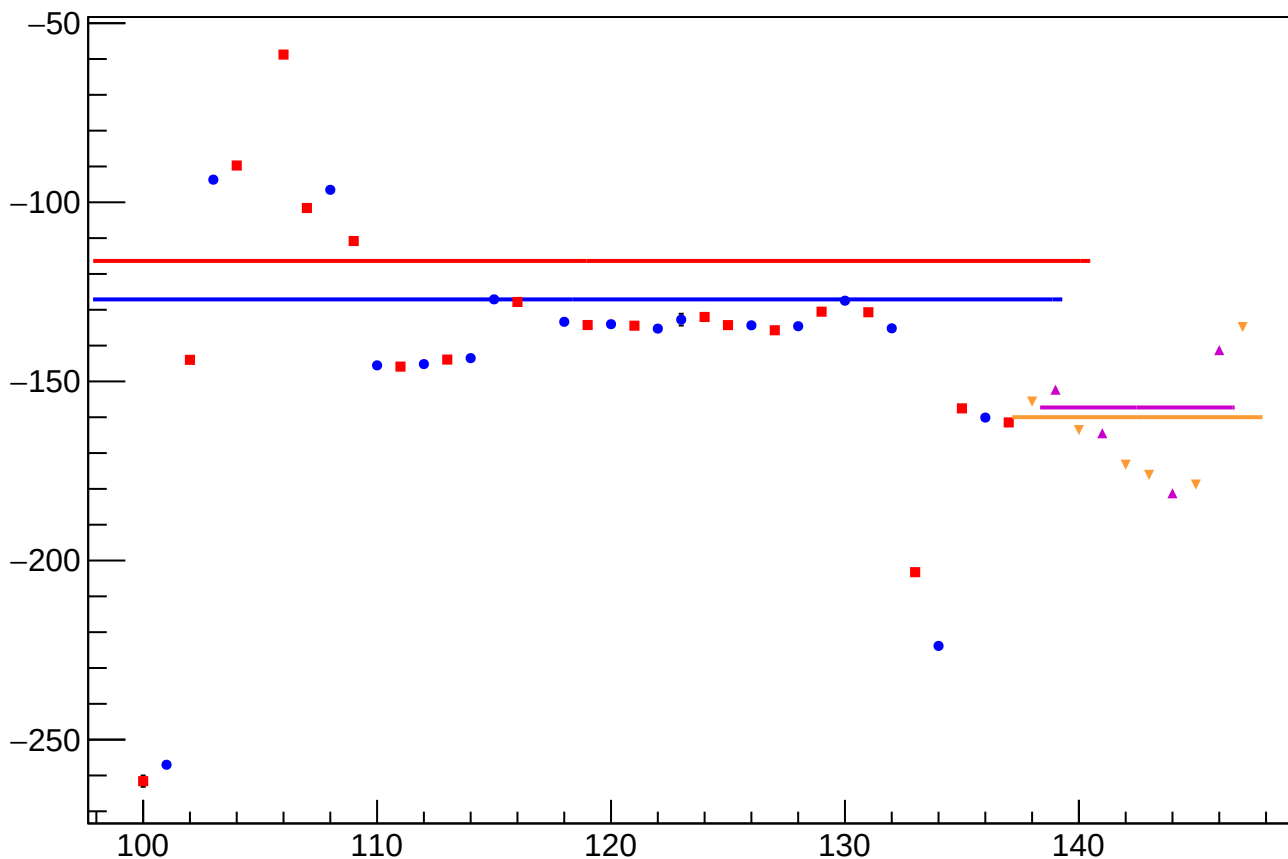
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 66.833 $\pm$ 1.384 χ^2 /NDF: 528.2/20

Out: 57.169 $\pm$ 1.220 χ^2 /NDF: 758.7/24

All: 61.395 $\pm$ 0.915 χ^2 /NDF: 1314.2/45

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -159.986+/-0.096 χ^2/NDF : 29181.9/5

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: -157.273+/-0.110 χ^2/NDF : 16524.3/3

Left: -158.809+/-0.072 χ^2/NDF : 46052.6/9

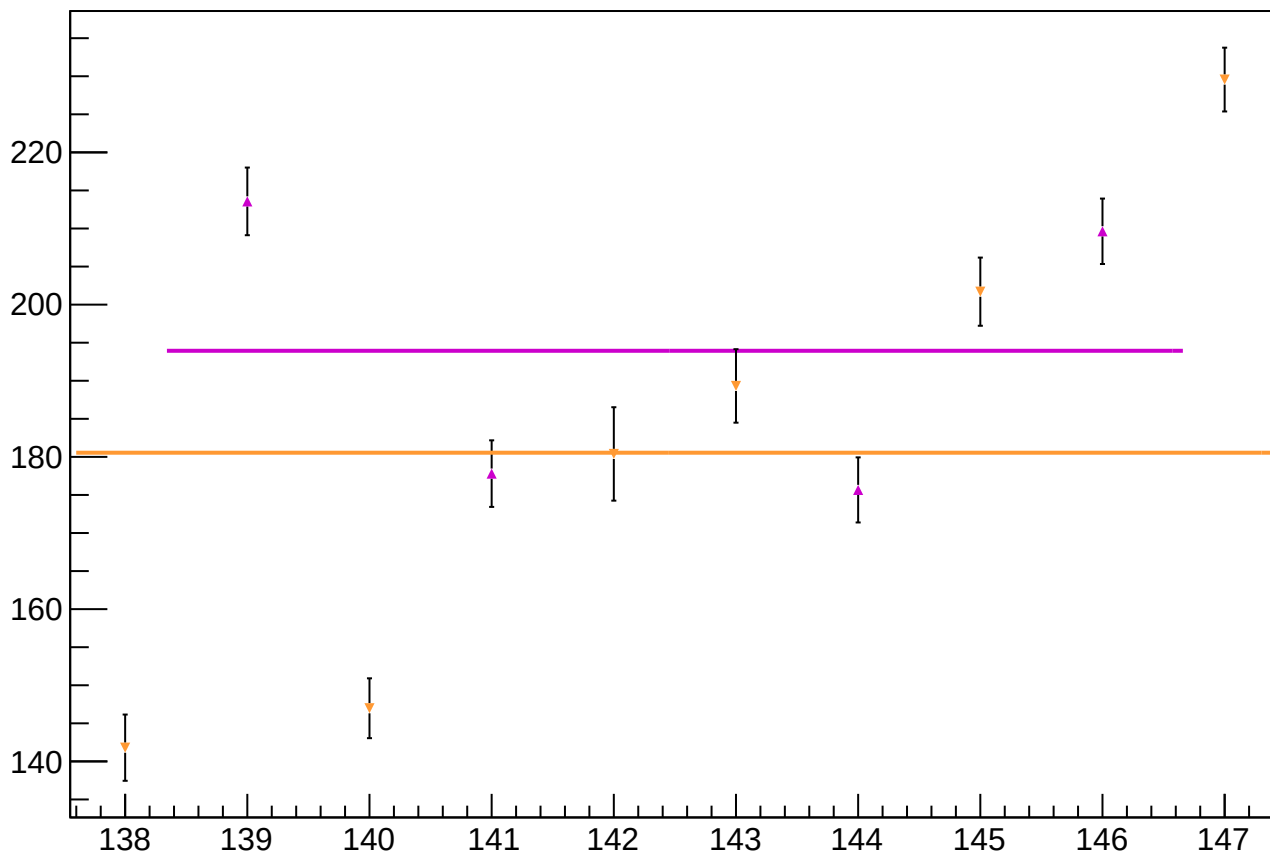
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -139.153+/-0.069 χ^2/NDF : 229032.5/20

Out: -135.002+/-0.063 χ^2/NDF : 314970.2/24

All: -136.872+/-0.047 χ^2/NDF : 545973.3/45

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 180.549 $\pm$ 1.845 χ^2 /NDF:314.7/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 193.937 $\pm$ 2.173 χ^2 /NDF:64.7/3

Left: 186.157 $\pm$ 1.406 χ^2 /NDF: 401.5/9

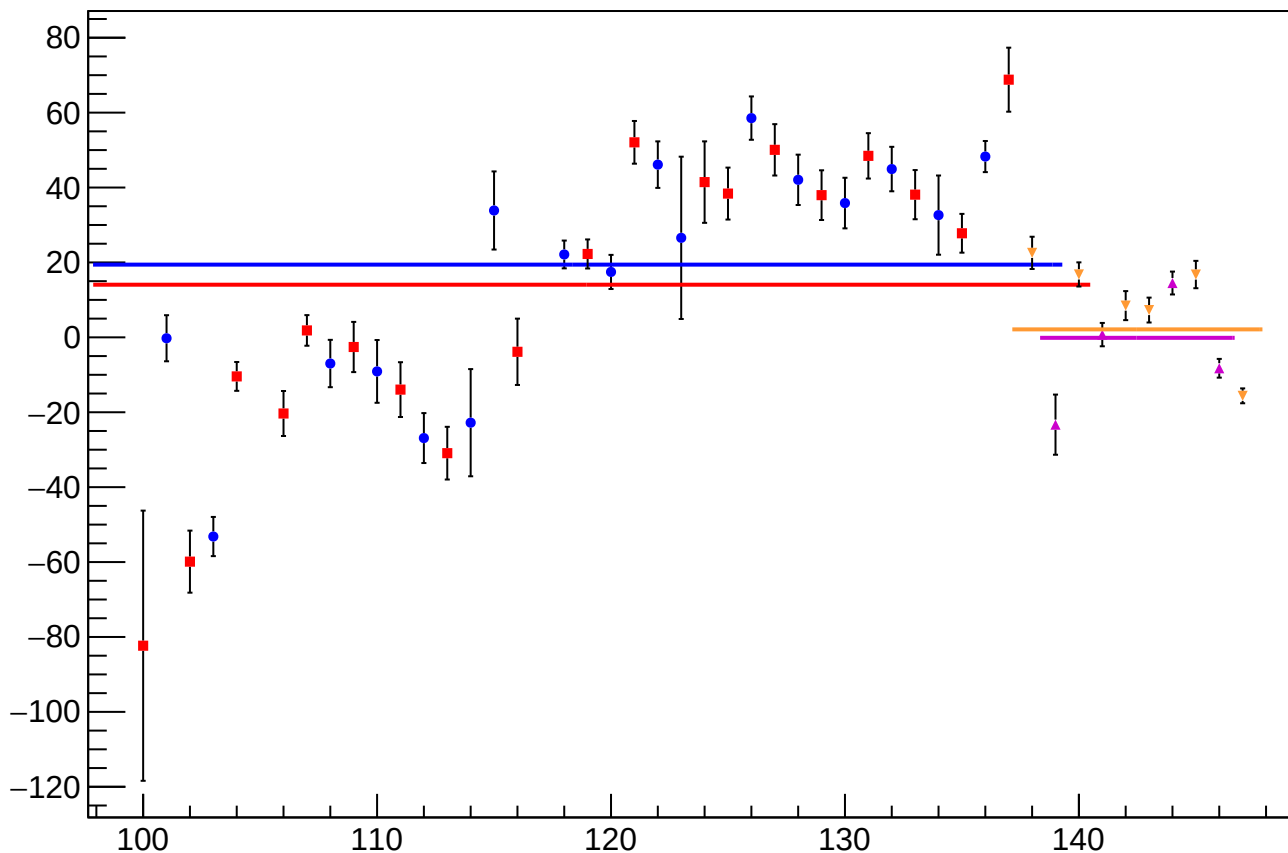
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 193.937 $\pm$ 2.173 χ^2 /NDF:64.7/3

Out: 180.549 $\pm$ 1.845 χ^2 /NDF:314.7/5

All: 186.157 $\pm$ 1.406 χ^2 /NDF: 401.5/9

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416+/-1.480 χ^2/NDF : 441.1/16

Left Out: 2.128+/-1.254 χ^2/NDF : 144.3/5

Right Out: 14.055+/-1.392 χ^2/NDF : 436.5/18

Left In: -0.128+/-1.612 χ^2/NDF : 41.9/3

Left: 1.277+/-0.990 χ^2/NDF : 187.4/9

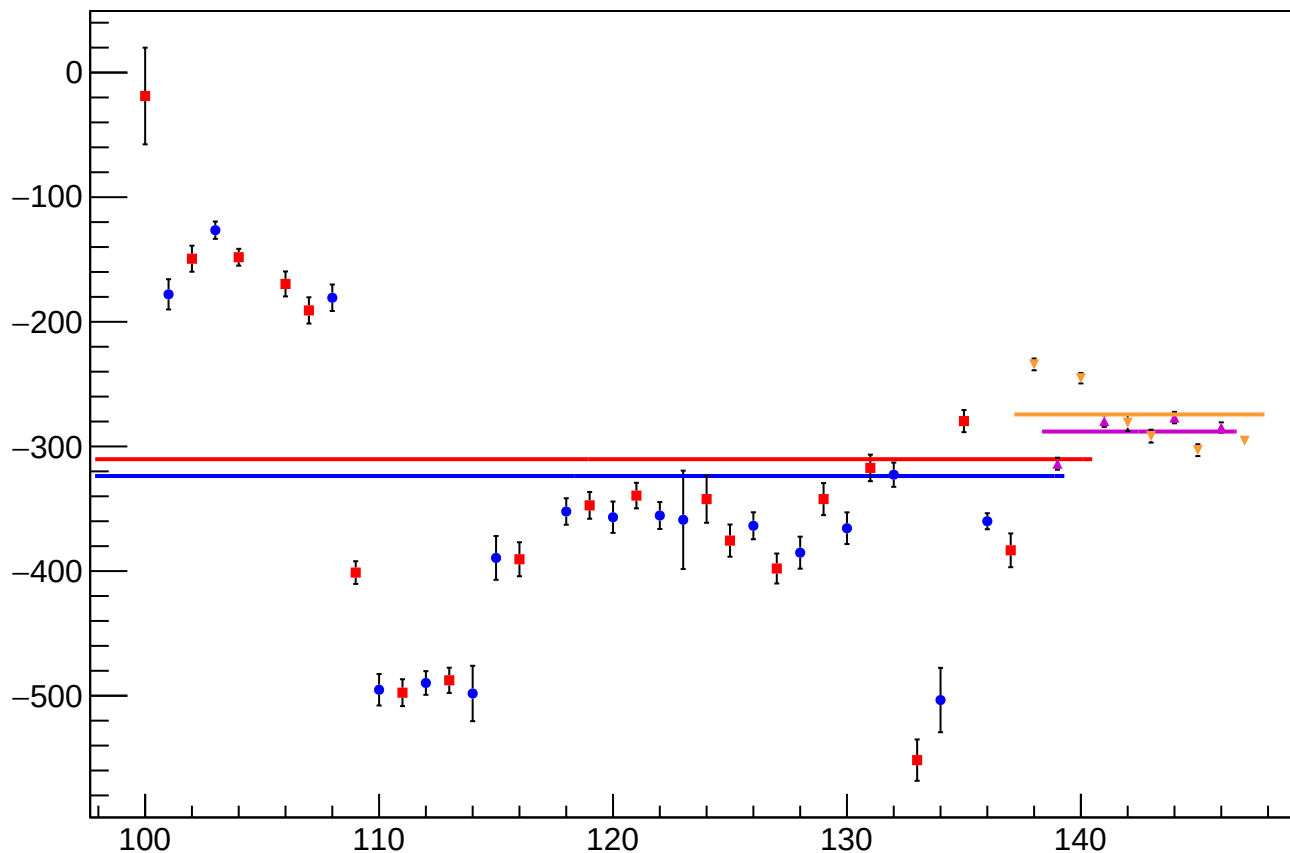
Right: 16.572+/-1.014 χ^2/NDF : 884.6/35

In: 10.476+/-1.090 χ^2/NDF : 562.8/20

Out: 7.470+/-0.932 χ^2/NDF : 621.4/24

All: 8.739+/-0.708 χ^2/NDF : 1188.5/45

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -274.310 ± 1.915 χ^2/NDF : 198.8/5

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

Left In: -288.041 ± 2.255 χ^2/NDF : 38.6/3

Left: -280.063 ± 1.460 χ^2/NDF : 258.9/9

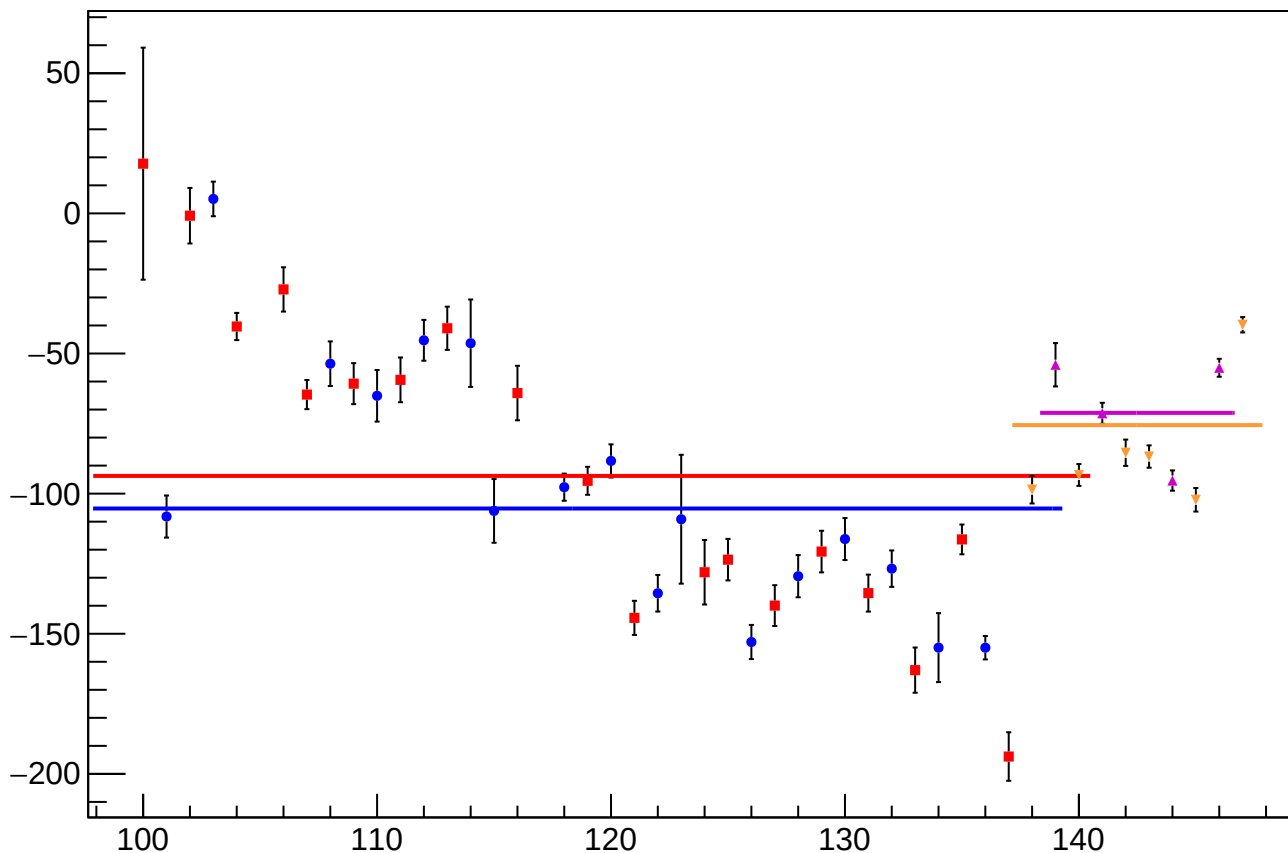
Right: -316.595 ± 1.833 χ^2/NDF : 4164.2/35

In: -302.912 ± 1.722 χ^2/NDF : 1993.7/20

Out: -287.440 ± 1.525 χ^2/NDF : 2627.3/24

All: -294.241 ± 1.142 χ^2/NDF : 4666.2/45

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -75.545 ± 1.571 χ^2/NDF : 266.0/5

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -71.180 ± 1.955 χ^2/NDF : 74.7/3

Left: -73.832 ± 1.225 χ^2/NDF : 343.7/9

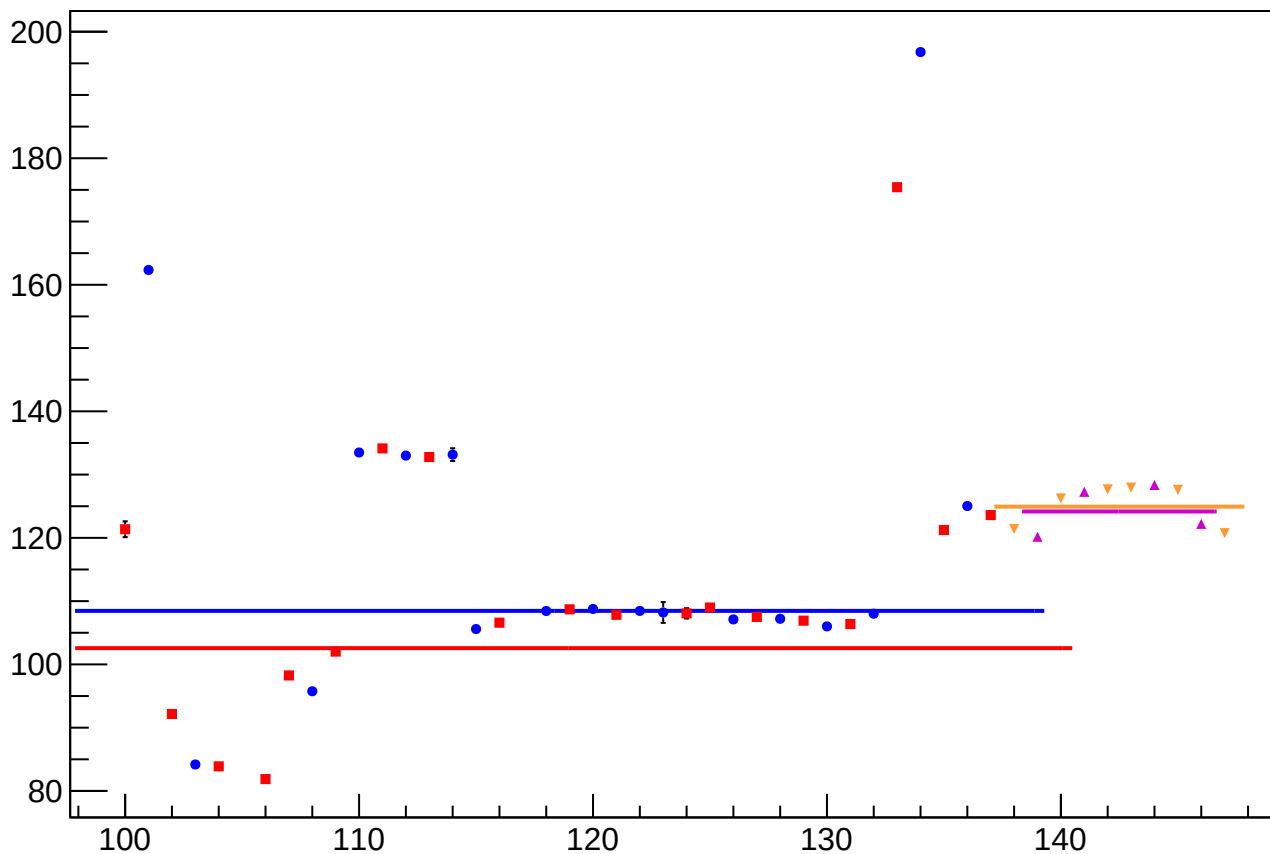
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -90.682 ± 1.280 χ^2/NDF : 986.3/20

Out: -84.383 ± 1.125 χ^2/NDF : 1157.4/24

All: -87.128 ± 0.845 χ^2/NDF : 2157.4/45

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 124.936 ± 0.081 $\chi^2/\text{NDF}: 1445.9/5$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

Left In: 124.174 ± 0.093 $\chi^2/\text{NDF}: 1373.4/3$

Left: 124.609 ± 0.061 $\chi^2/\text{NDF}: 2857.6/9$

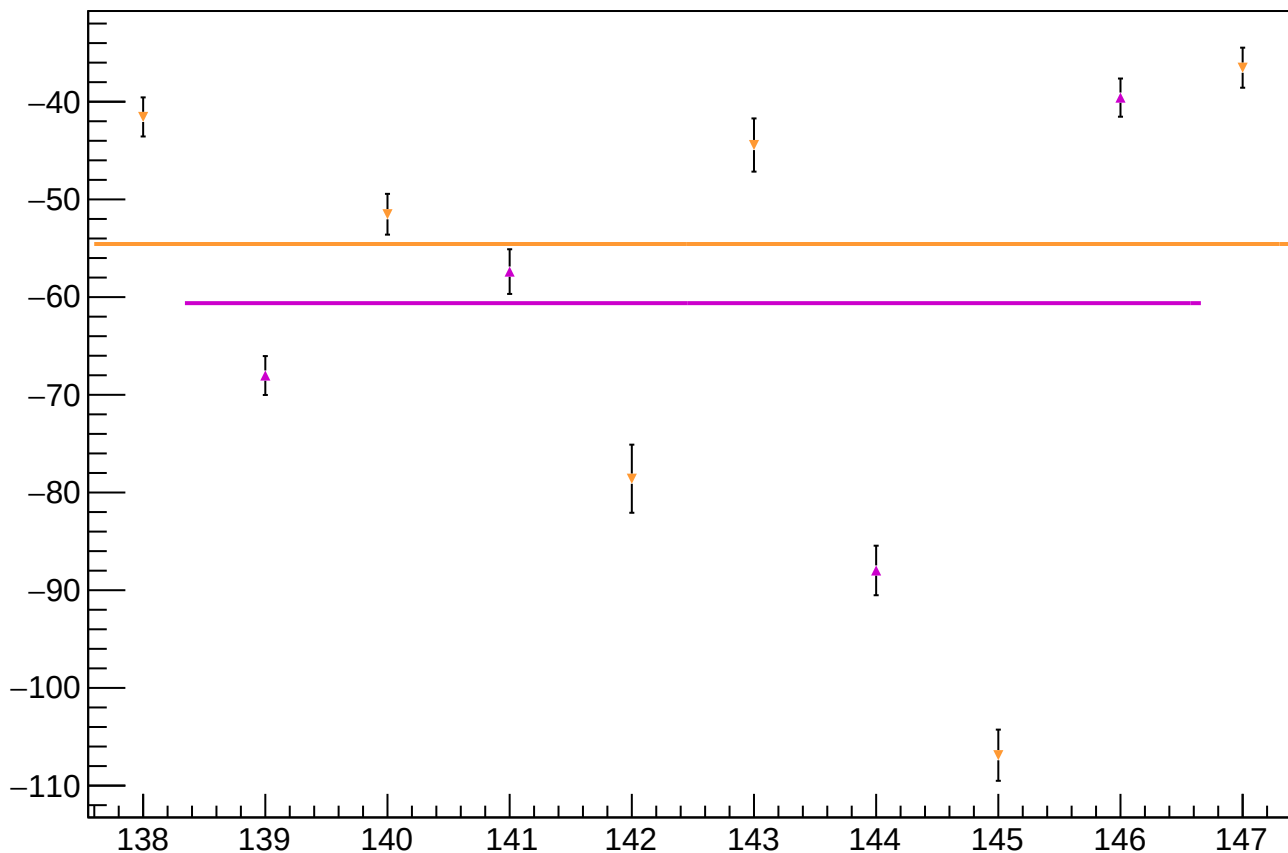
Right: 105.327 ± 0.058 $\chi^2/\text{NDF}: 129018.0/35$

In: 115.592 ± 0.063 $\chi^2/\text{NDF}: 90288.6/20$

Out: 113.603 ± 0.057 $\chi^2/\text{NDF}: 93672.3/24$

All: 114.497 ± 0.042 $\chi^2/\text{NDF}: 184516.9/45$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.563+/-0.962 χ^2/NDF :582.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.618+/-1.078 χ^2/NDF :248.2/3

Left: -57.249+/-0.718 χ^2/NDF : 848.1/9

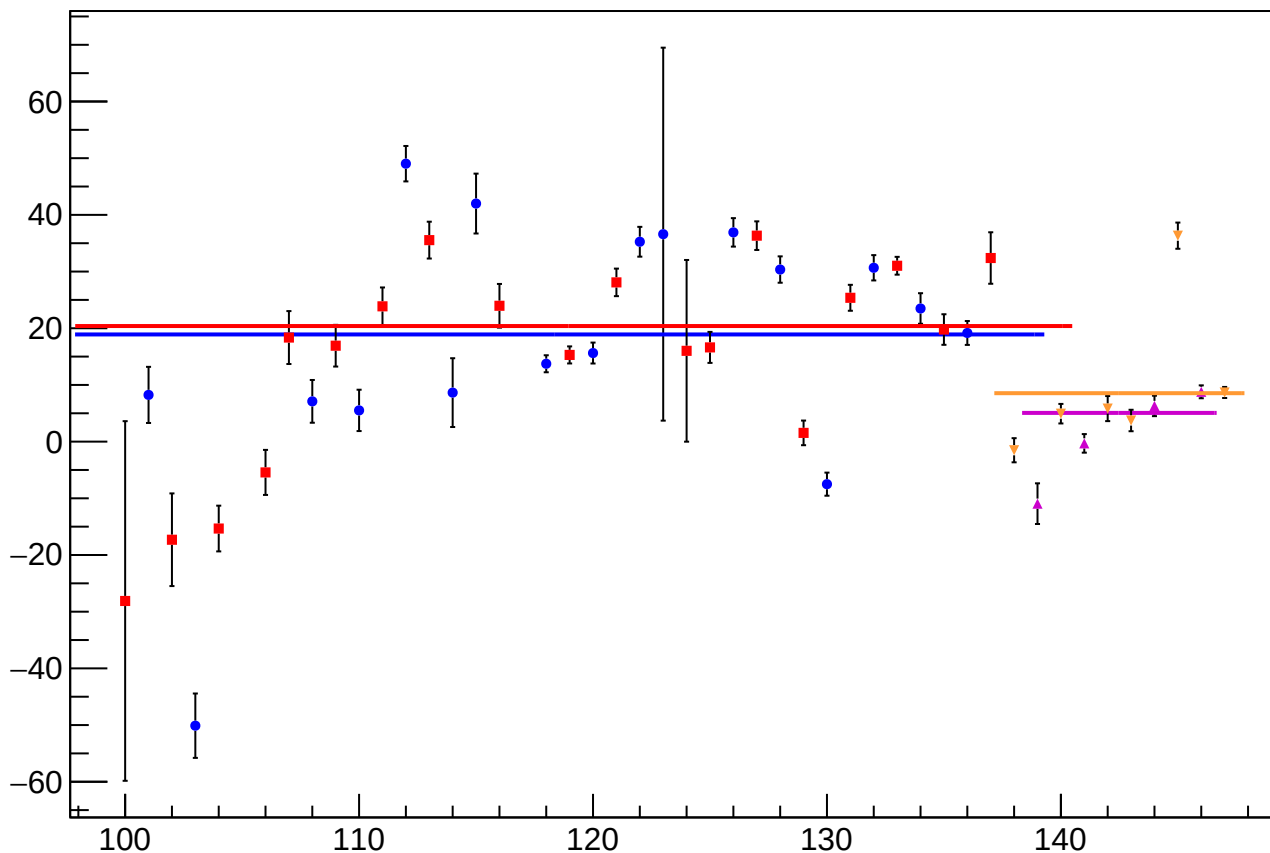
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.618+/-1.078 χ^2/NDF :248.2/3

Out: -54.563+/-0.962 χ^2/NDF :582.3/5

All: -57.249+/-0.718 χ^2/NDF : 848.1/9

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.545 $\pm$ 0.662 χ^2 /NDF:179.4/5

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: 5.066 $\pm$ 0.809 χ^2 /NDF:41.8/3

Left: 7.149 $\pm$ 0.512 χ^2 /NDF: 232.3/9

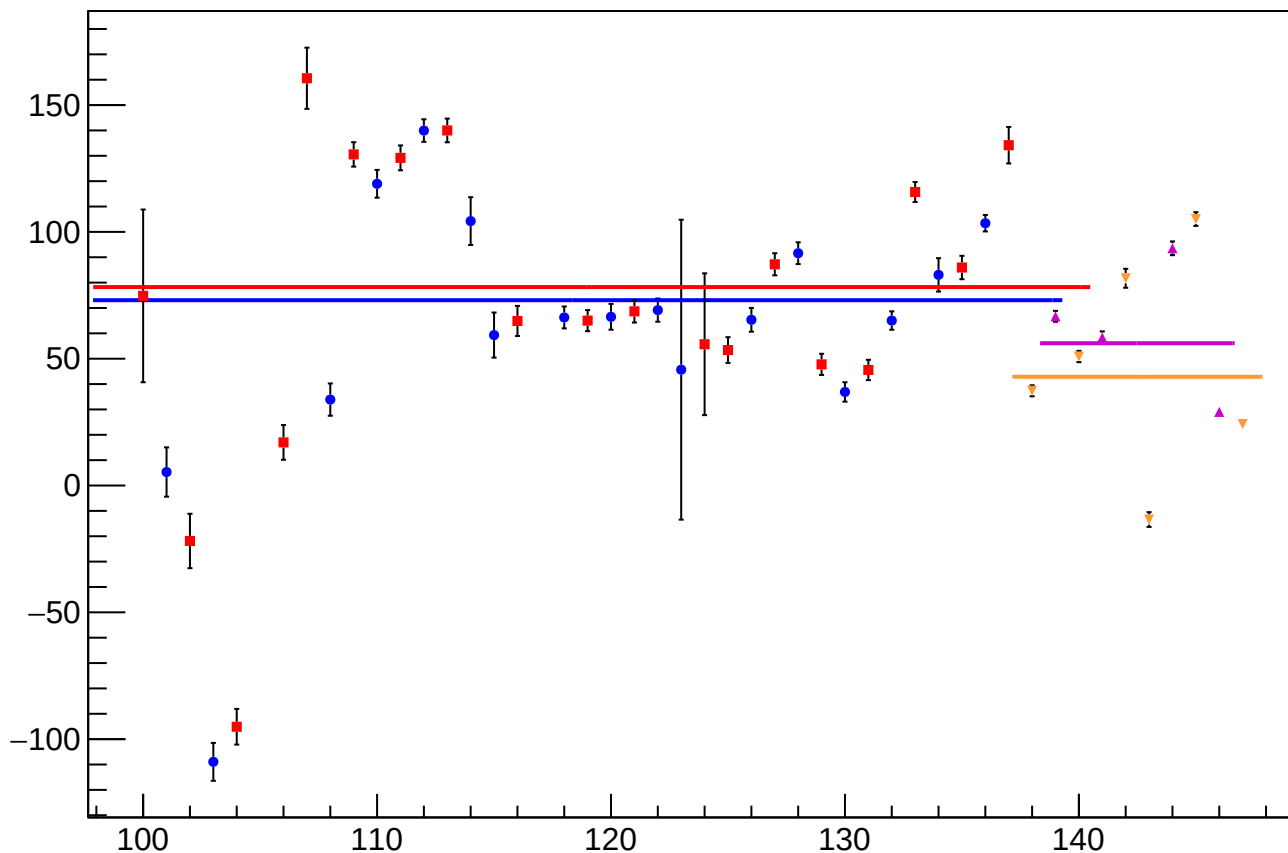
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 13.543 $\pm$ 0.504 χ^2 /NDF:840.0/20

Out: 14.633 $\pm$ 0.462 χ^2 /NDF:709.1/24

All: 14.135 $\pm$ 0.340 χ^2 /NDF: 1551.7/45

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 42.886 $\pm$ 0.993 χ^2 /NDF:1125.9/5

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

Left In: 56.110 $\pm$ 1.113 χ^2 /NDF:425.5/3

Left: 48.744 $\pm$ 0.741 χ^2 /NDF: 1629.9/9

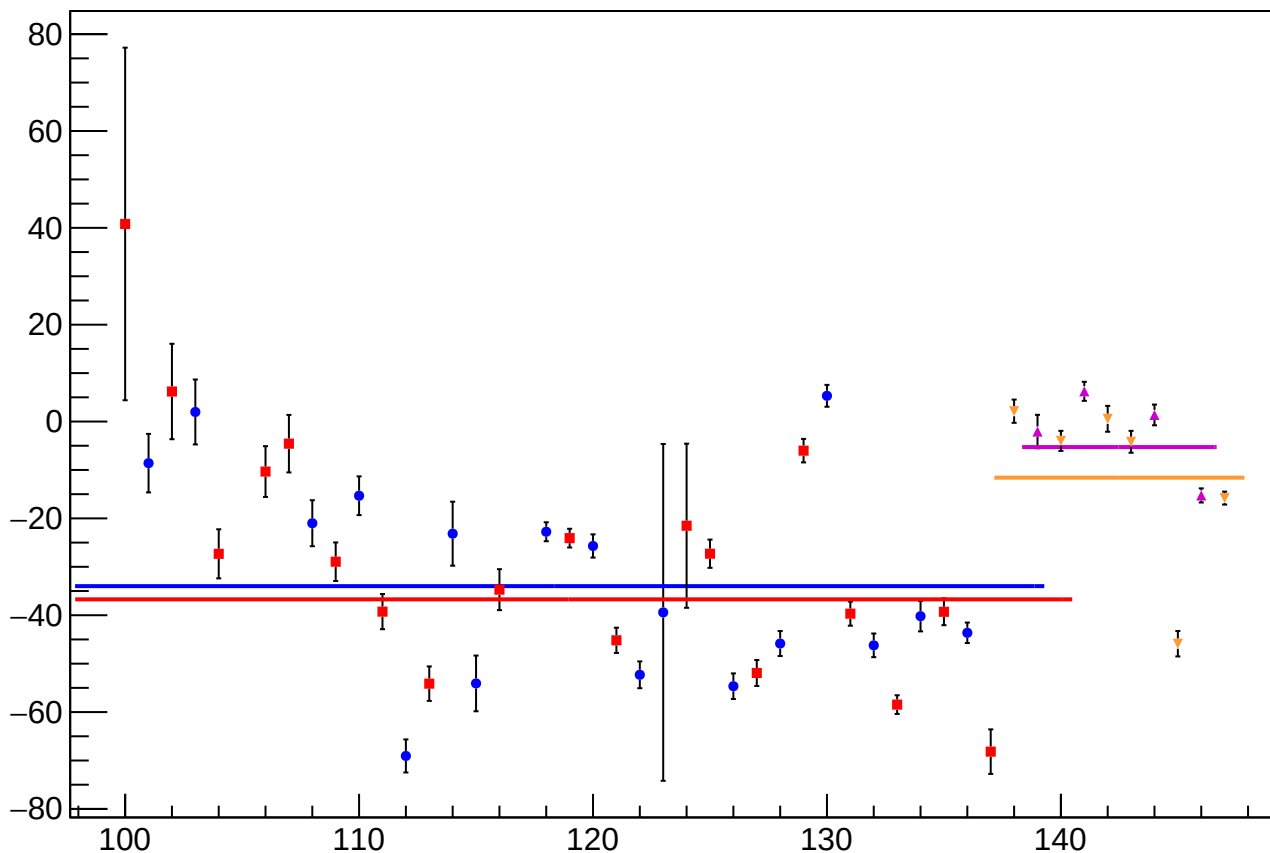
Right: 75.667 $\pm$ 0.866 χ^2 /NDF: 2751.5/35

In: 63.763 $\pm$ 0.825 χ^2 /NDF:1730.2/20

Out: 56.937 $\pm$ 0.771 χ^2 /NDF:3172.5/24

All: 60.119 $\pm$ 0.563 χ^2 /NDF: 4939.2/45

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -11.588 ± 0.832 χ^2/NDF : 257.3/5

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: -5.269 ± 0.985 χ^2/NDF : 91.6/3

Left: -8.956 ± 0.636 χ^2/NDF : 372.9/9

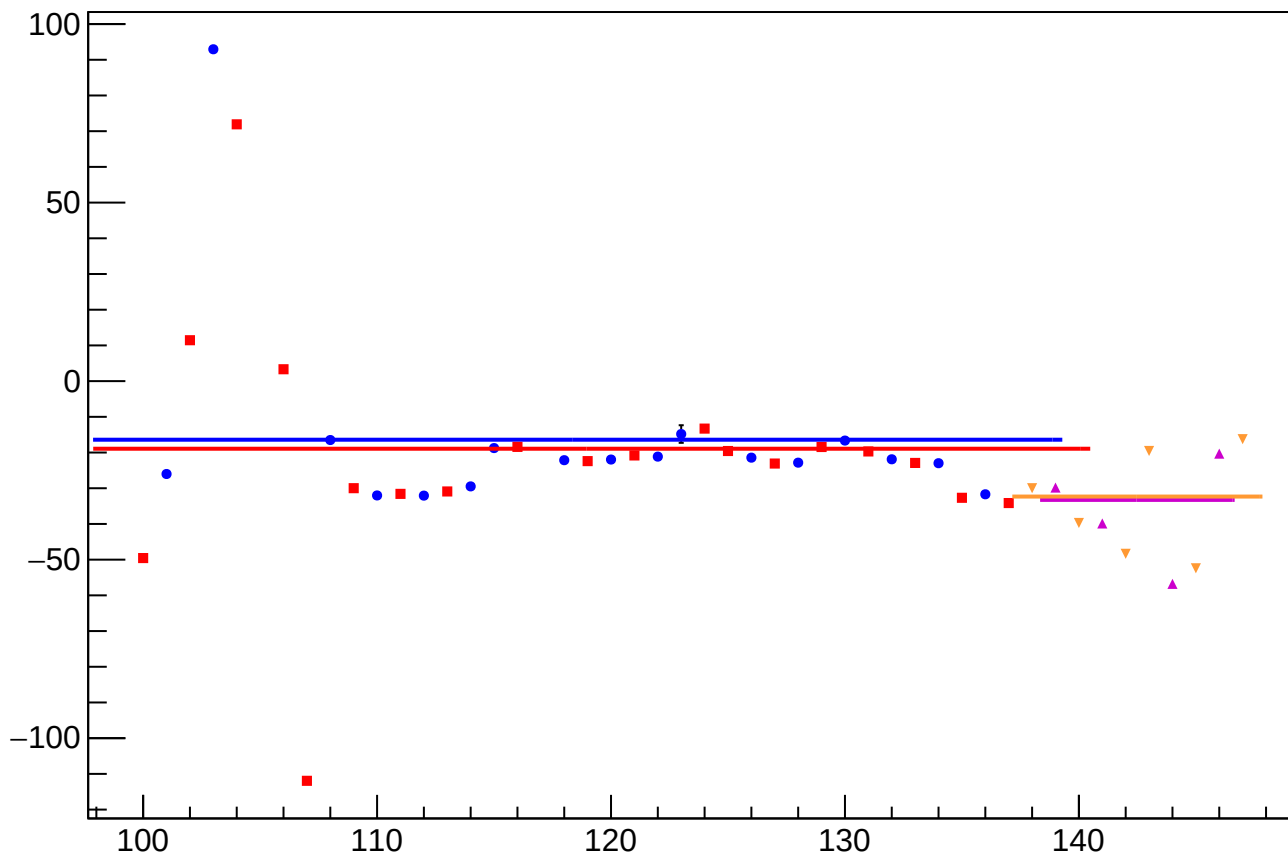
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -23.697 ± 0.590 χ^2/NDF : 1356.8/20

Out: -25.680 ± 0.552 χ^2/NDF : 1311.3/24

All: -24.754 ± 0.403 χ^2/NDF : 2674.2/45

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -32.330 ± 0.042 $\chi^2/\text{NDF}: 97189.6/5$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -33.265 ± 0.045 $\chi^2/\text{NDF}: 68355.9/3$

Left: -32.756 ± 0.031 $\chi^2/\text{NDF}: 165775.4/9$

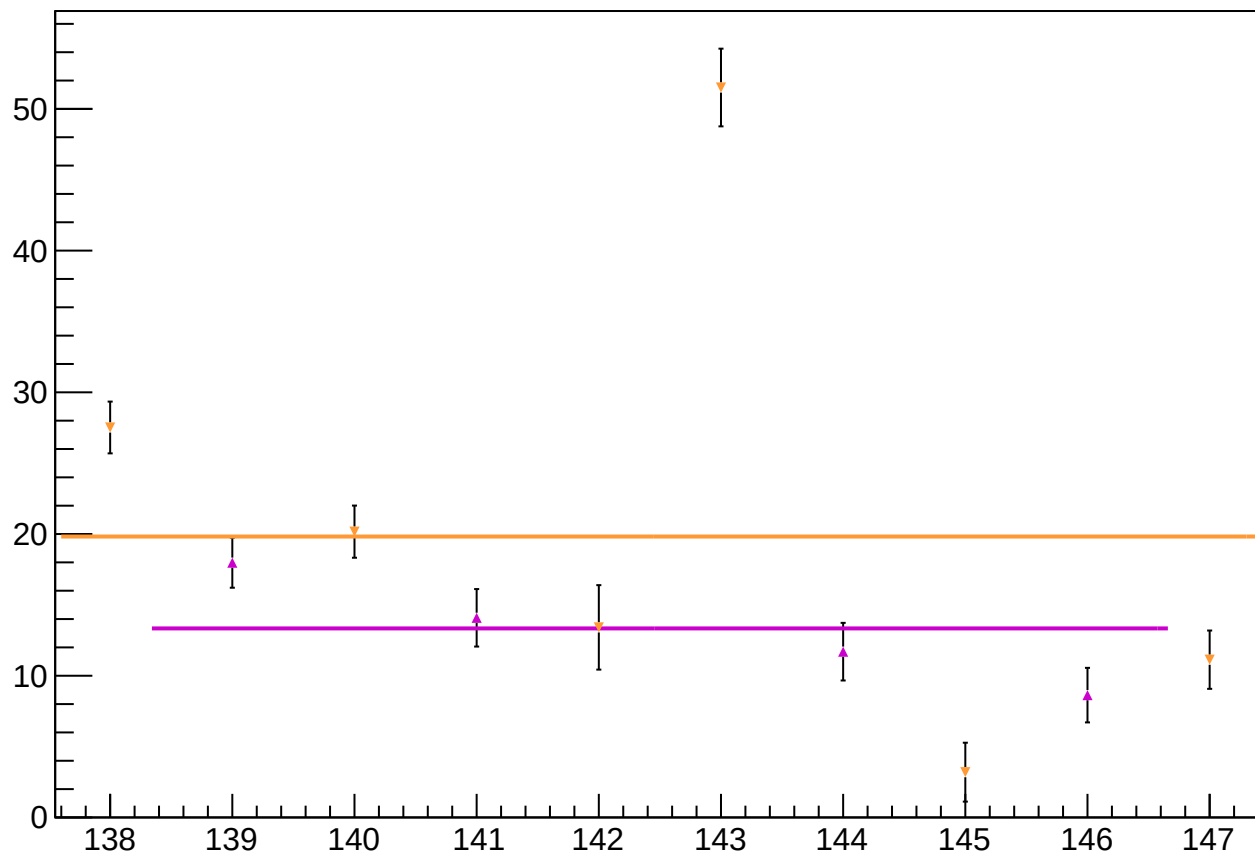
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -24.637 ± 0.032 $\chi^2/\text{NDF}: 613032.1/20$

Out: -26.180 ± 0.031 $\chi^2/\text{NDF}: 578769.7/24$

All: -25.436 ± 0.022 $\chi^2/\text{NDF}: 1193022.6/45$

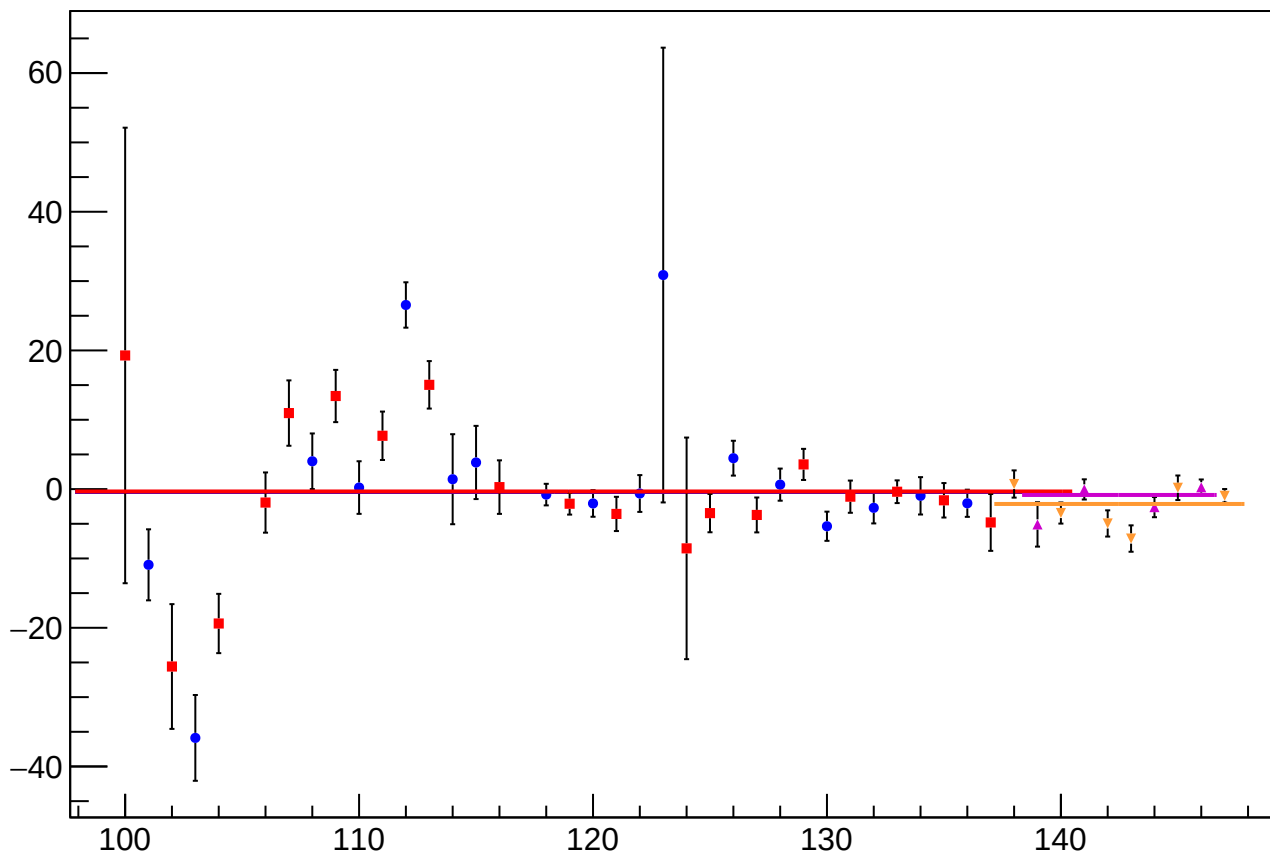
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 19.824 $\pm$ 0.874 χ^2 /NDF:237.8/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3

Left: 16.899 $\pm$ 0.648 χ^2 /NDF: 276.3/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3
 Out: 19.824 $\pm$ 0.874 χ^2 /NDF:237.8/5
 All: 16.899 $\pm$ 0.648 χ^2 /NDF: 276.3/9

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -2.143 ± 0.619 χ^2/NDF : 15.2/5

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: -0.844 ± 0.741 χ^2/NDF : 4.5/3

Left: -1.608 ± 0.475 χ^2/NDF : 21.4/9

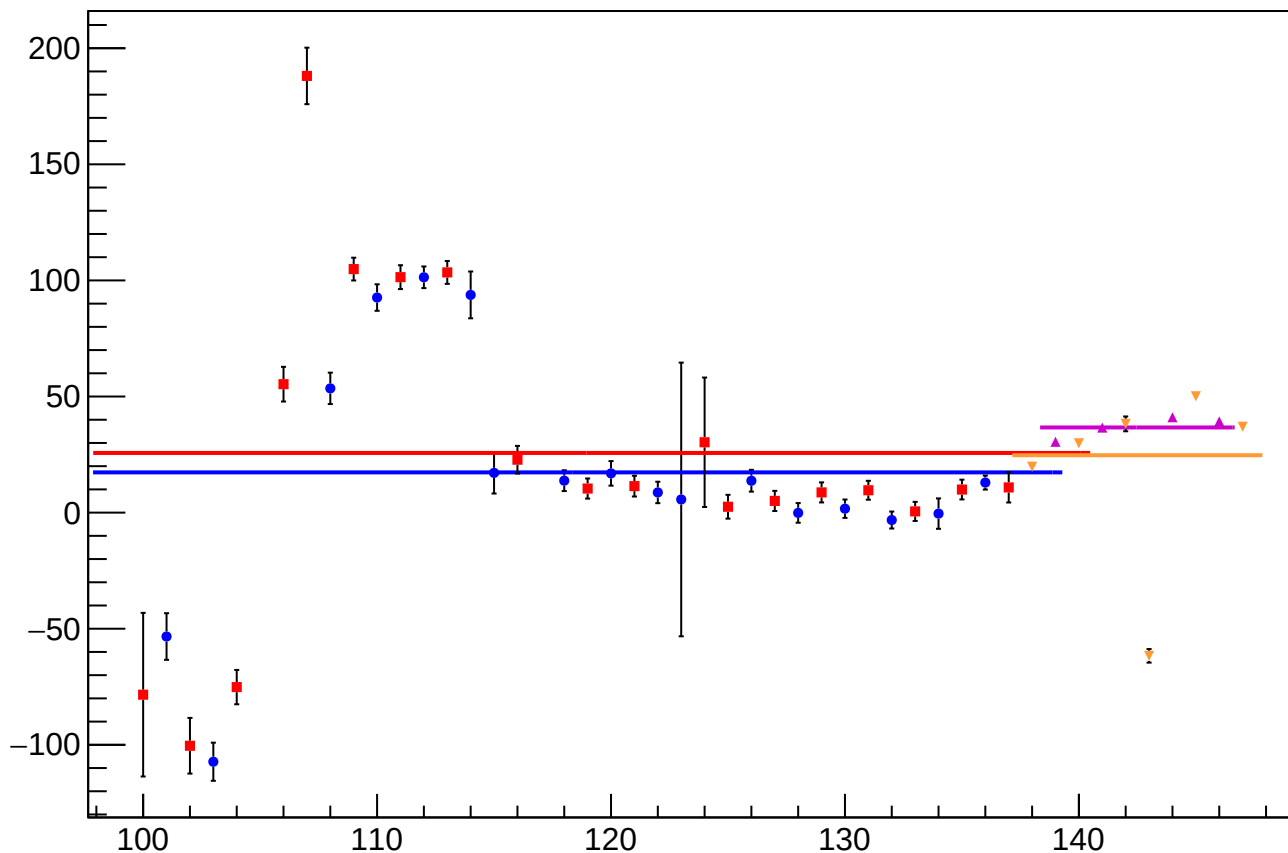
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.602 ± 0.490 χ^2/NDF : 124.6/20

Out: -1.297 ± 0.451 χ^2/NDF : 102.8/24

All: -0.978 ± 0.332 χ^2/NDF : 228.5/45

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 24.711+/-0.908 χ^2/NDF :1079.3/5

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

Left In: 36.674+/-1.003 χ^2/NDF :16.5/3

Left: 30.104+/-0.673 χ^2/NDF : 1173.9/9

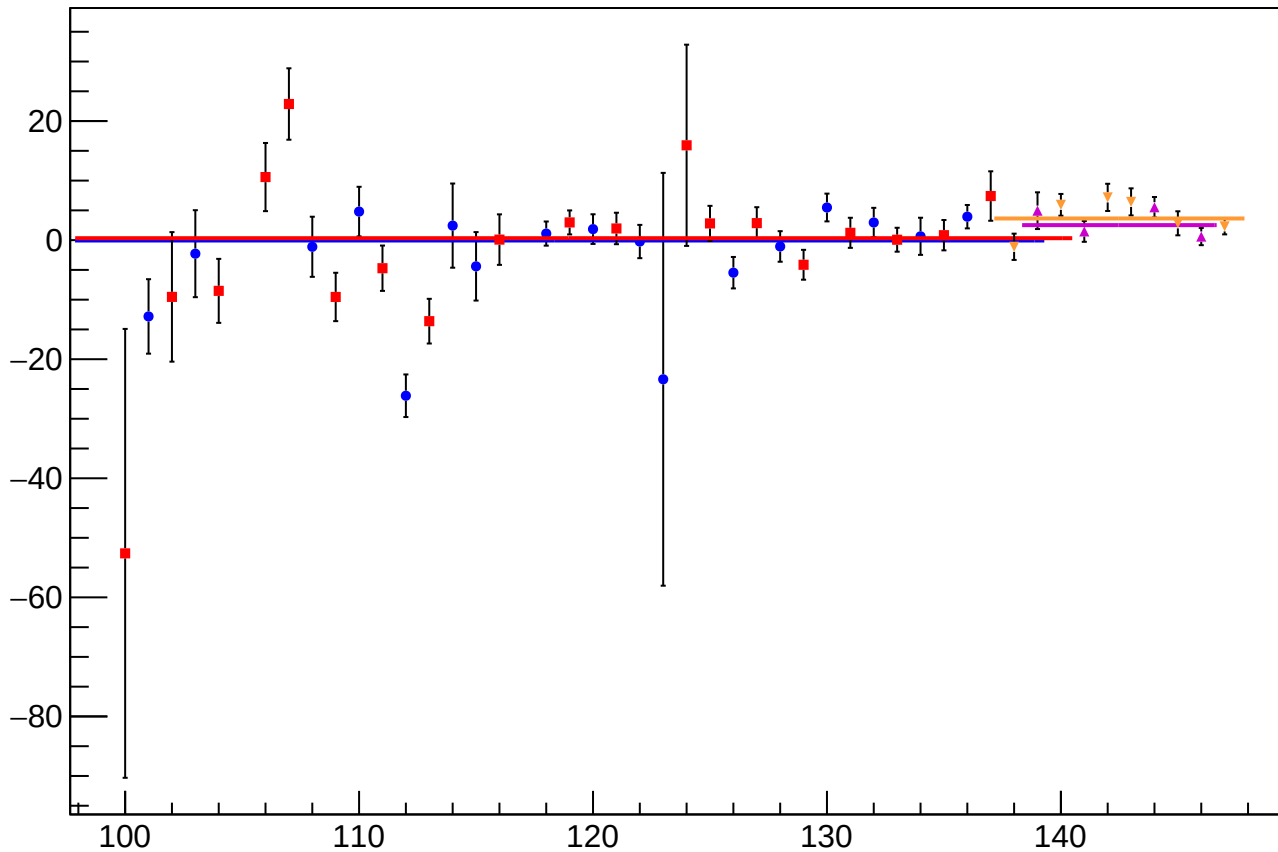
Right: 21.501+/-0.877 χ^2/NDF : 2345.0/35

In: 29.015+/-0.779 χ^2/NDF :1107.0/20

Out: 25.056+/-0.733 χ^2/NDF :2458.8/24

All: 26.915+/-0.534 χ^2/NDF : 3579.5/45

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.744 $\chi^2/\text{NDF}: 76.5/16$

Left Out: 3.636 ± 0.770 $\chi^2/\text{NDF}: 11.3/5$

Right Out: 0.326 ± 0.749 $\chi^2/\text{NDF}: 55.1/18$

Left In: 2.522 ± 0.895 $\chi^2/\text{NDF}: 5.8/3$

Left: 3.162 ± 0.584 $\chi^2/\text{NDF}: 18.0/9$

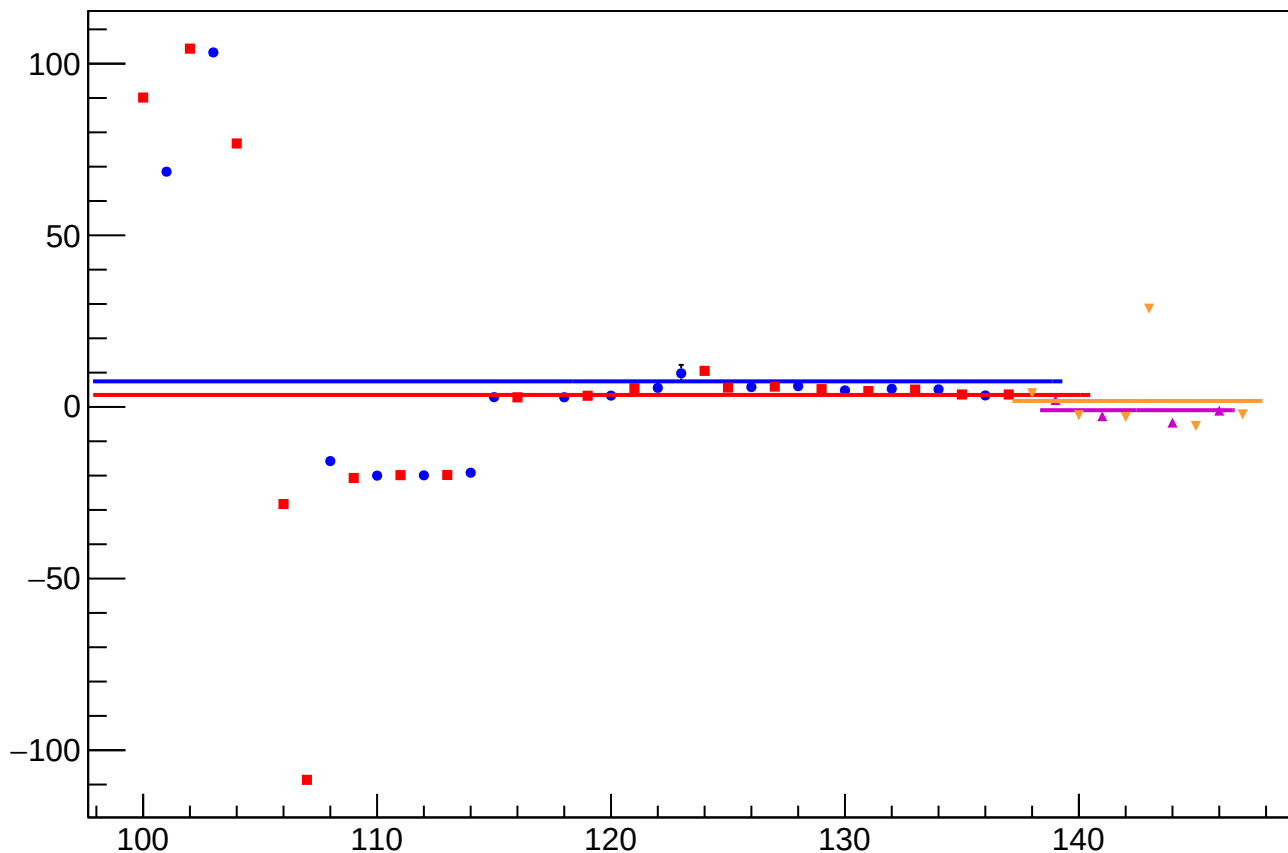
Right: 0.132 ± 0.528 $\chi^2/\text{NDF}: 131.8/35$

In: 0.995 ± 0.572 $\chi^2/\text{NDF}: 87.3/20$

Out: 1.937 ± 0.537 $\chi^2/\text{NDF}: 75.9/24$

All: 1.496 ± 0.391 $\chi^2/\text{NDF}: 164.6/45$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454 $\pm$ 0.044 χ^2 /NDF: 356053.3/16

Left Out: 1.743 $\pm$ 0.038 χ^2 /NDF:66505.7/5

Right Out: 3.502 $\pm$ 0.046 χ^2 /NDF: 510579.7/18

Left In: -0.947 $\pm$ 0.041 χ^2 /NDF:3759.1/3

Left: 0.502 $\pm$ 0.028 χ^2 /NDF: 72603.2/9

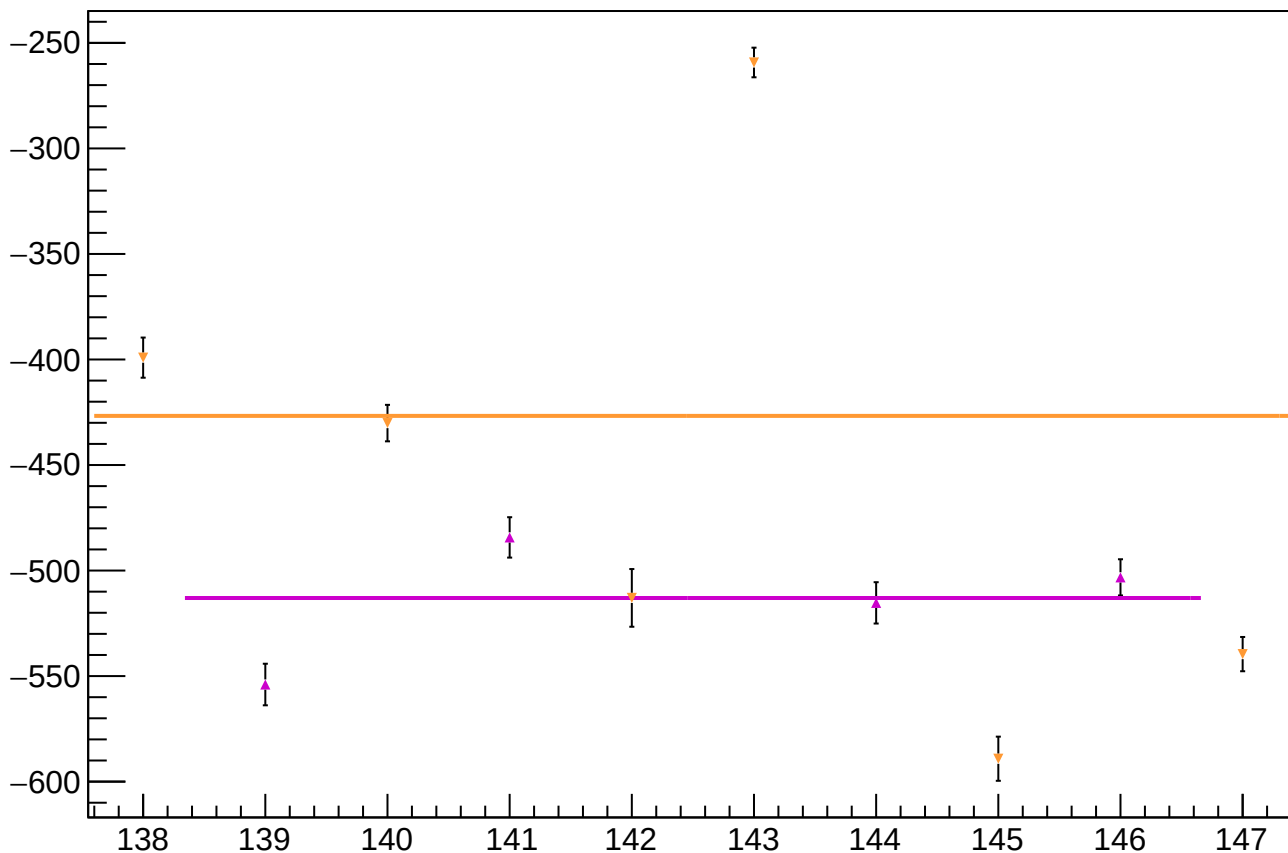
Right: 5.528 $\pm$ 0.032 χ^2 /NDF: 870492.1/35

In: 2.899 $\pm$ 0.030 χ^2 /NDF:379207.3/20

Out: 2.460 $\pm$ 0.029 χ^2 /NDF:577968.9/24

All: 2.672 $\pm$ 0.021 χ^2 /NDF: 957286.1/45

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -426.720+/-3.666 χ^2/NDF :1052.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.007+/-4.700 χ^2/NDF :27.7/3

Left: -459.356+/-2.891 χ^2/NDF : 1289.2/9

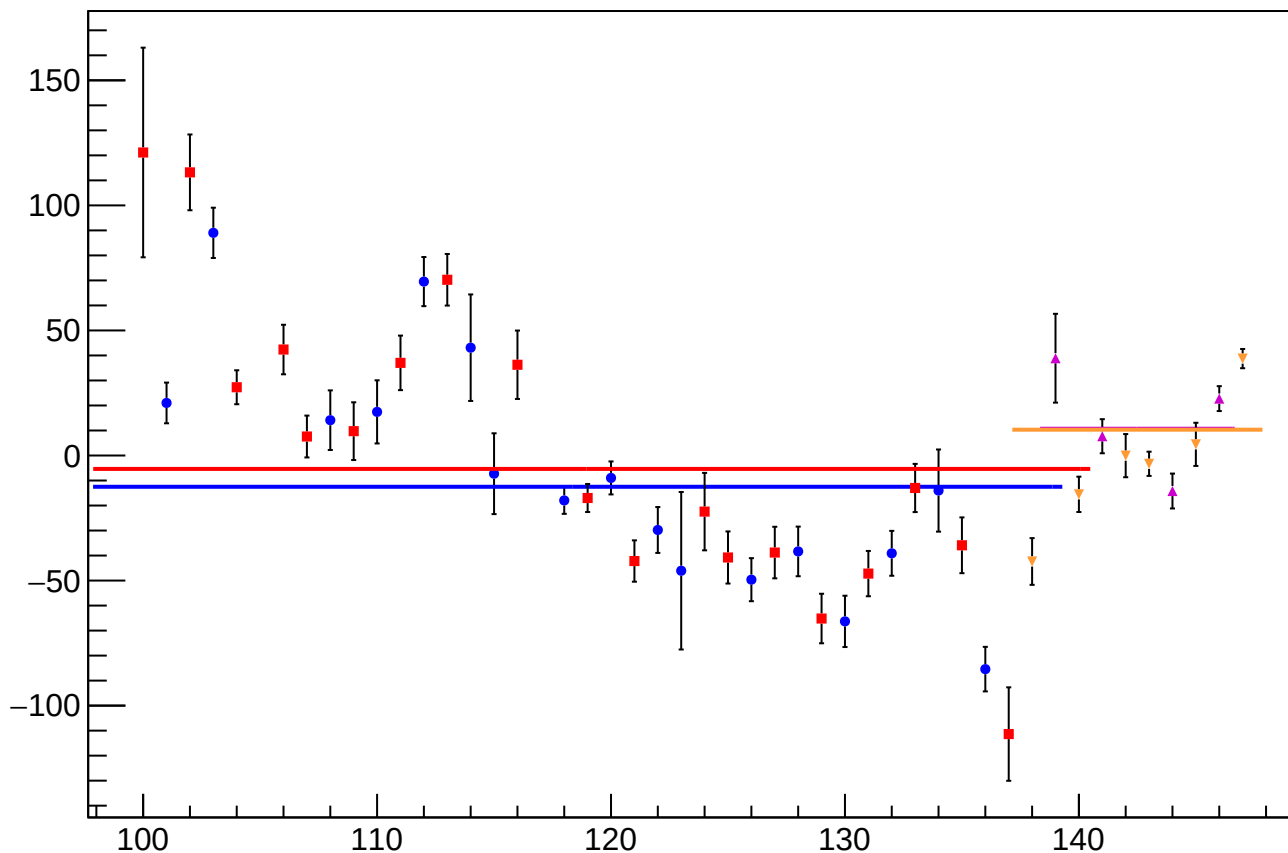
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.007+/-4.700 χ^2/NDF :27.7/3

Out: -426.720+/-3.666 χ^2/NDF :1052.0/5

All: -459.356+/-2.891 χ^2/NDF : 1289.2/9

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 $\chi^2/\text{NDF}: 341.1/16$

Left Out: 10.324 ± 2.435 $\chi^2/\text{NDF}: 109.7/5$

Right Out: -5.363 ± 2.264 $\chi^2/\text{NDF}: 344.6/18$

Left In: 10.700 ± 3.416 $\chi^2/\text{NDF}: 21.3/3$

Left: 10.451 ± 1.983 $\chi^2/\text{NDF}: 131.0/9$

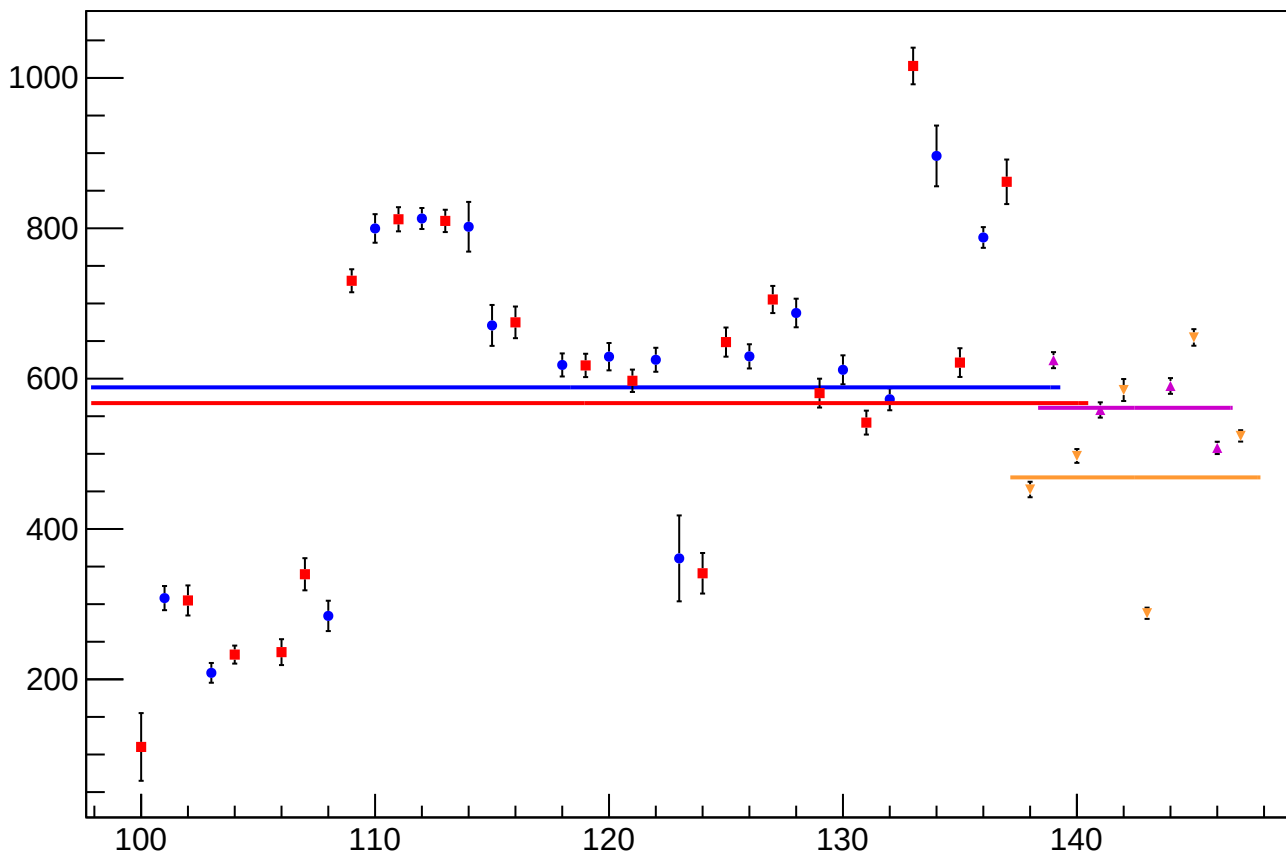
Right: -8.858 ± 1.617 $\chi^2/\text{NDF}: 690.5/35$

In: -5.217 ± 1.914 $\chi^2/\text{NDF}: 394.0/20$

Out: 1.910 ± 1.658 $\chi^2/\text{NDF}: 476.5/24$

All: -1.146 ± 1.253 $\chi^2/\text{NDF}: 878.4/45$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 468.635+/-3.797 χ^2/NDF :995.8/5

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 561.194+/-4.852 χ^2/NDF :85.5/3

Left: 503.795+/-2.990 χ^2/NDF : 1307.0/9

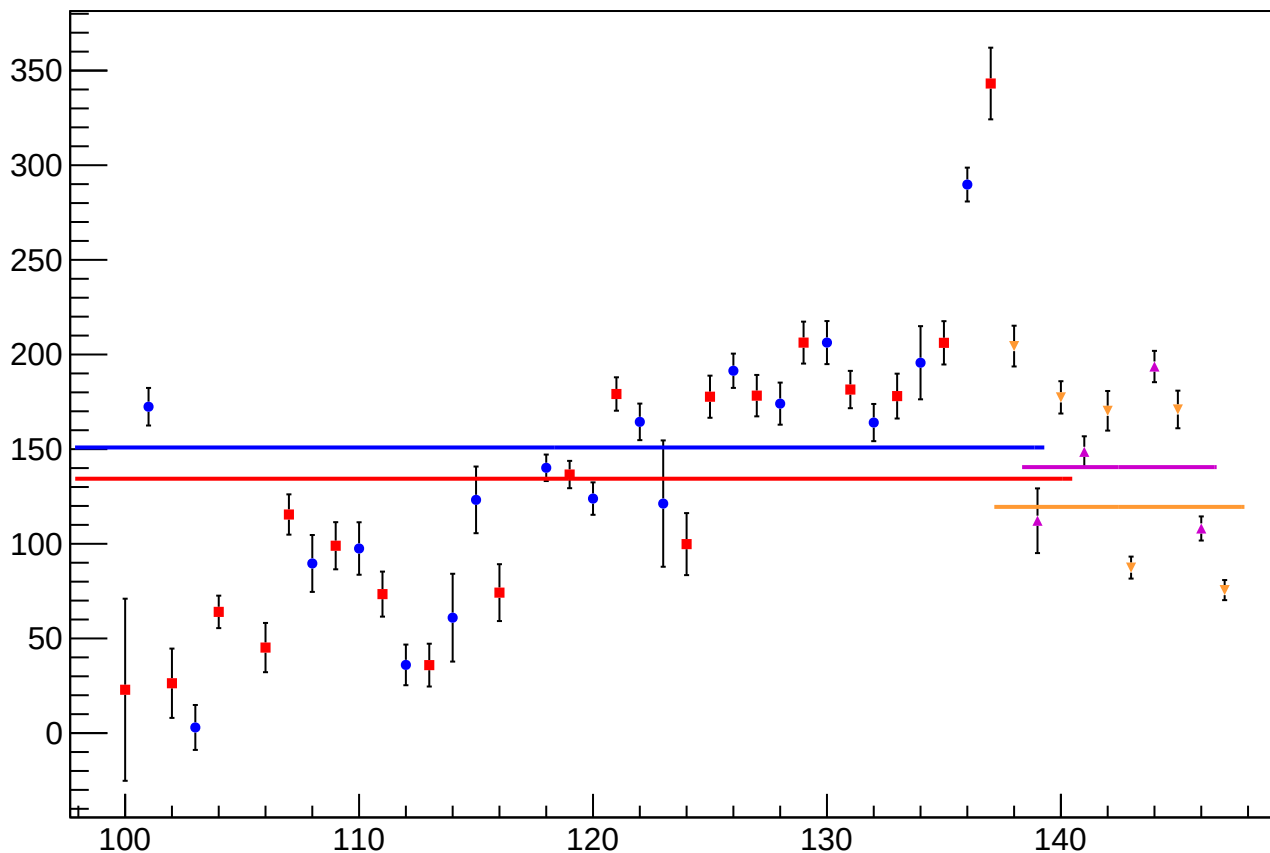
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 576.380+/-3.227 χ^2/NDF :2233.3/20

Out: 513.824+/-2.798 χ^2/NDF :4090.2/24

All: 540.669+/-2.114 χ^2/NDF : 6538.1/45

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 119.501 $\pm$ 3.060 χ^2 /NDF:257.7/5

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

Left In: 140.515 $\pm$ 4.170 χ^2 /NDF:70.9/3

Left: 126.856 $\pm$ 2.467 χ^2 /NDF: 345.1/9

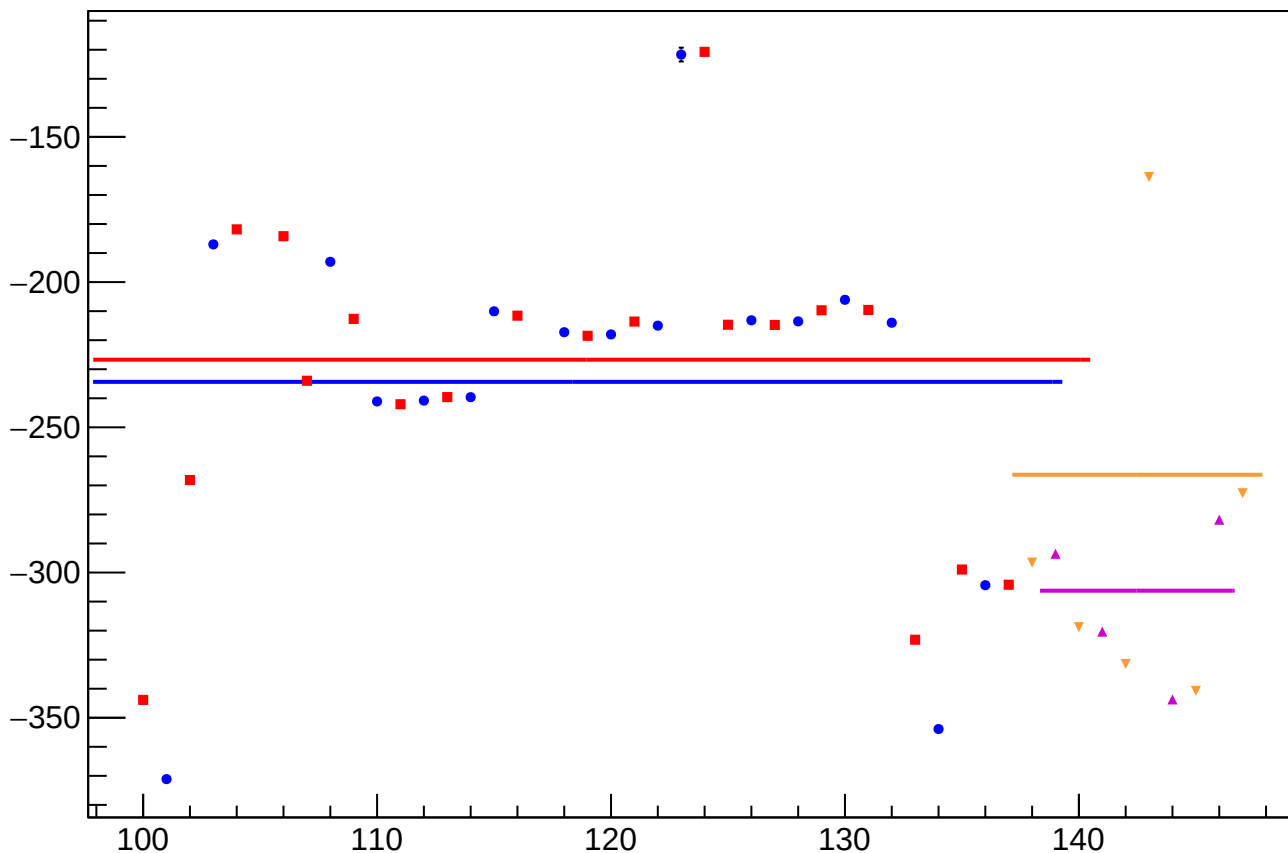
Right: 142.467 $\pm$ 1.871 χ^2 /NDF: 1239.2/35

In: 147.868 $\pm$ 2.251 χ^2 /NDF:710.0/20

Out: 128.087 $\pm$ 1.990 χ^2 /NDF:856.3/24

All: 136.766 $\pm$ 1.491 χ^2 /NDF: 1609.7/45

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -266.322+/-0.160 χ^2/NDF : 180660.7/5

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: -306.248+/-0.201 χ^2/NDF : 13177.6/3

Left: -281.769+/-0.125 χ^2/NDF : 218005.5/9

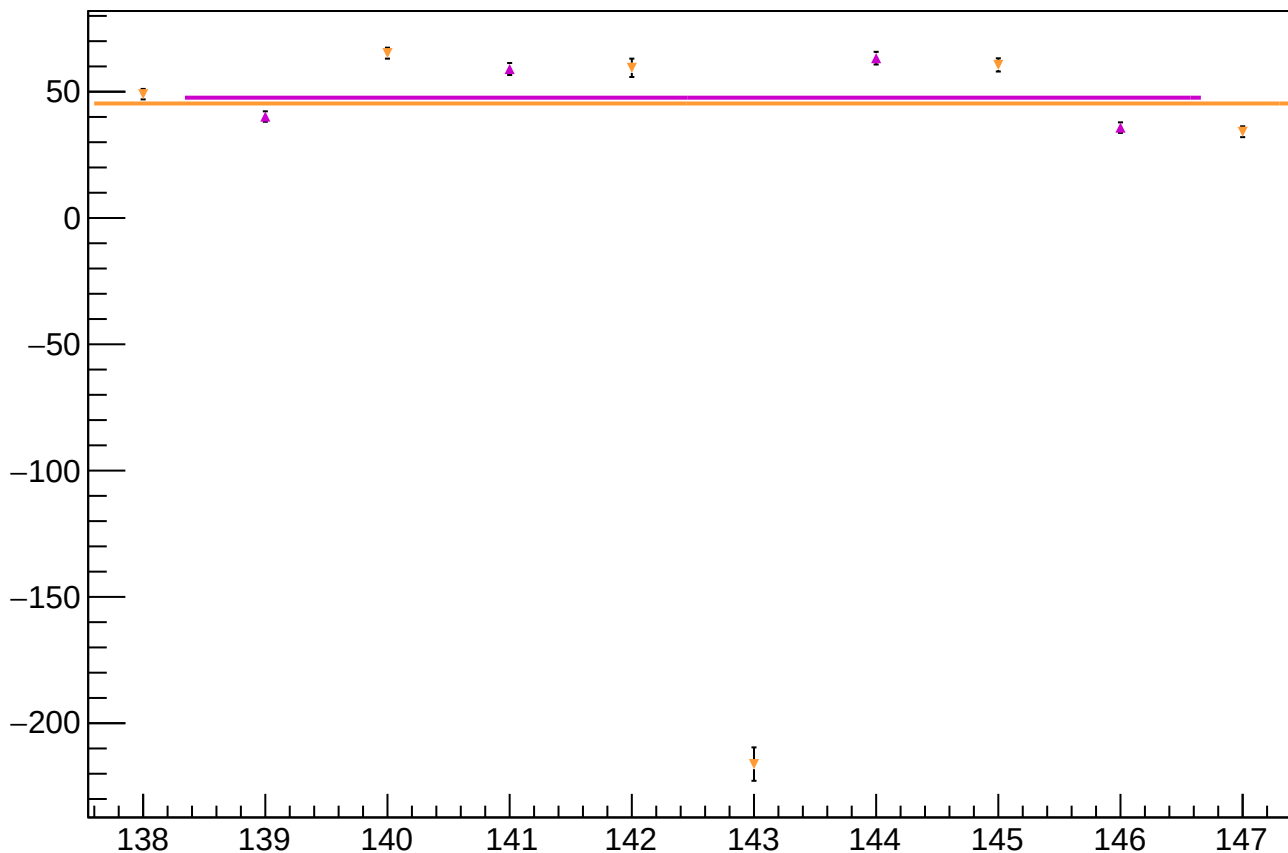
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -259.672+/-0.119 χ^2/NDF : 241157.0/20

Out: -244.105+/-0.106 χ^2/NDF : 314582.3/24

All: -250.958+/-0.079 χ^2/NDF : 565261.6/45

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 45.329+/-1.050 χ^2/NDF :1727.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.630+/-1.119 χ^2/NDF :106.9/3

Left: 46.407+/-0.766 χ^2/NDF : 1836.7/9

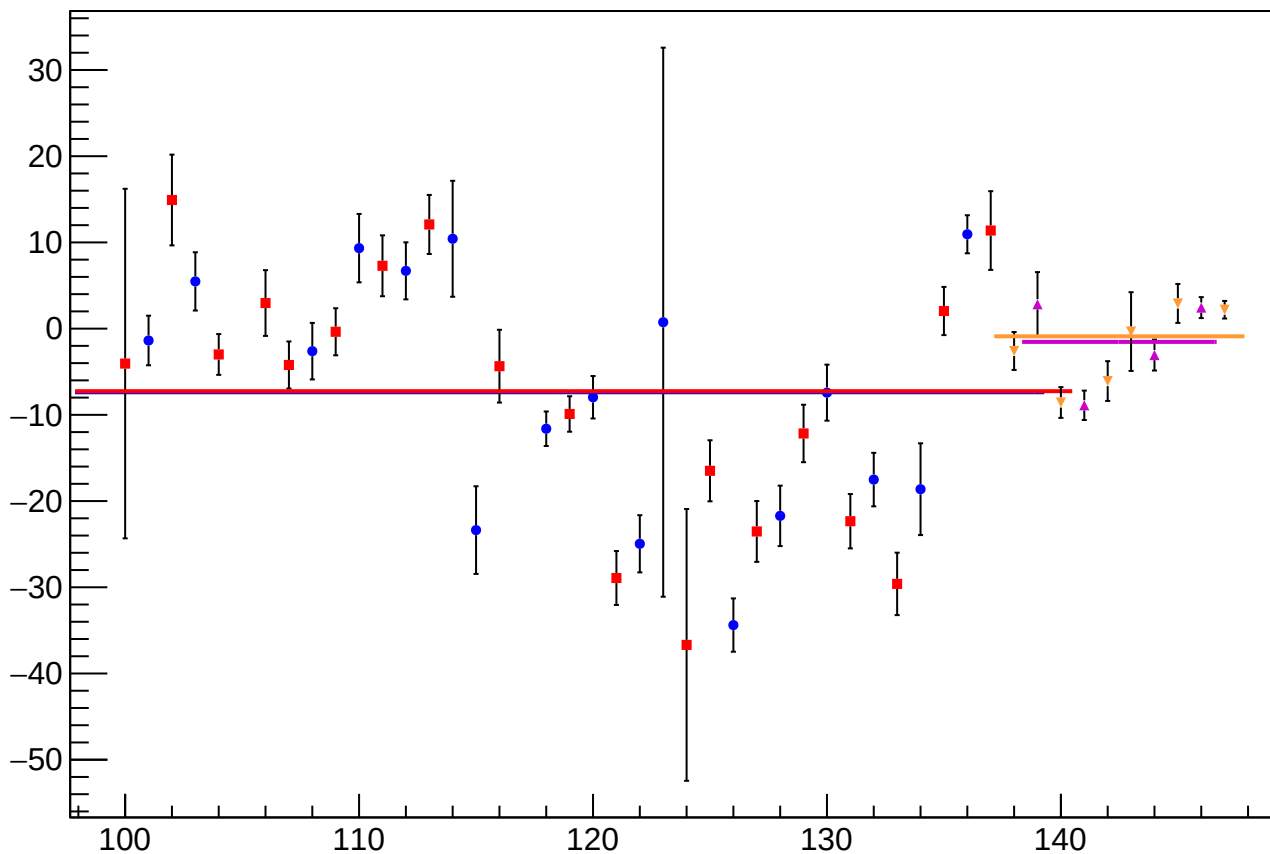
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.630+/-1.119 χ^2/NDF :106.9/3

Out: 45.329+/-1.050 χ^2/NDF :1727.6/5

All: 46.407+/-0.766 χ^2/NDF : 1836.7/9

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -0.892 ± 0.723 χ^2/NDF : 36.2/5

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: -1.538 ± 0.844 χ^2/NDF : 31.4/3

Left: -1.165 ± 0.549 χ^2/NDF : 68.0/9

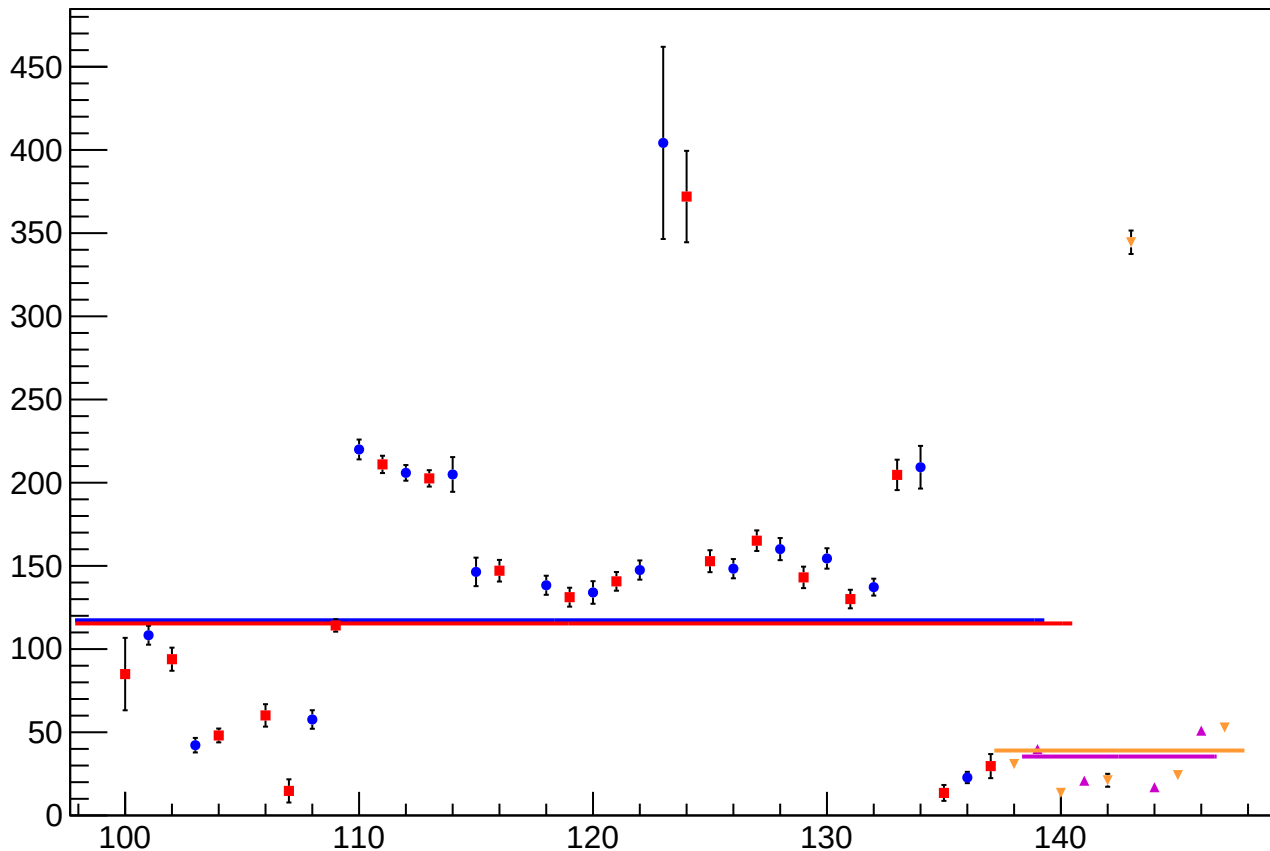
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -4.696 ± 0.572 χ^2/NDF : 340.8/20

Out: -3.906 ± 0.524 χ^2/NDF : 330.3/24

All: -4.266 ± 0.387 χ^2/NDF : 672.1/45

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 39.040 $\pm$ 1.081 χ^2 /NDF:2106.0/5

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 35.406 $\pm$ 1.158 χ^2 /NDF:144.9/3

Left: 37.347 $\pm$ 0.790 χ^2 /NDF: 2256.2/9

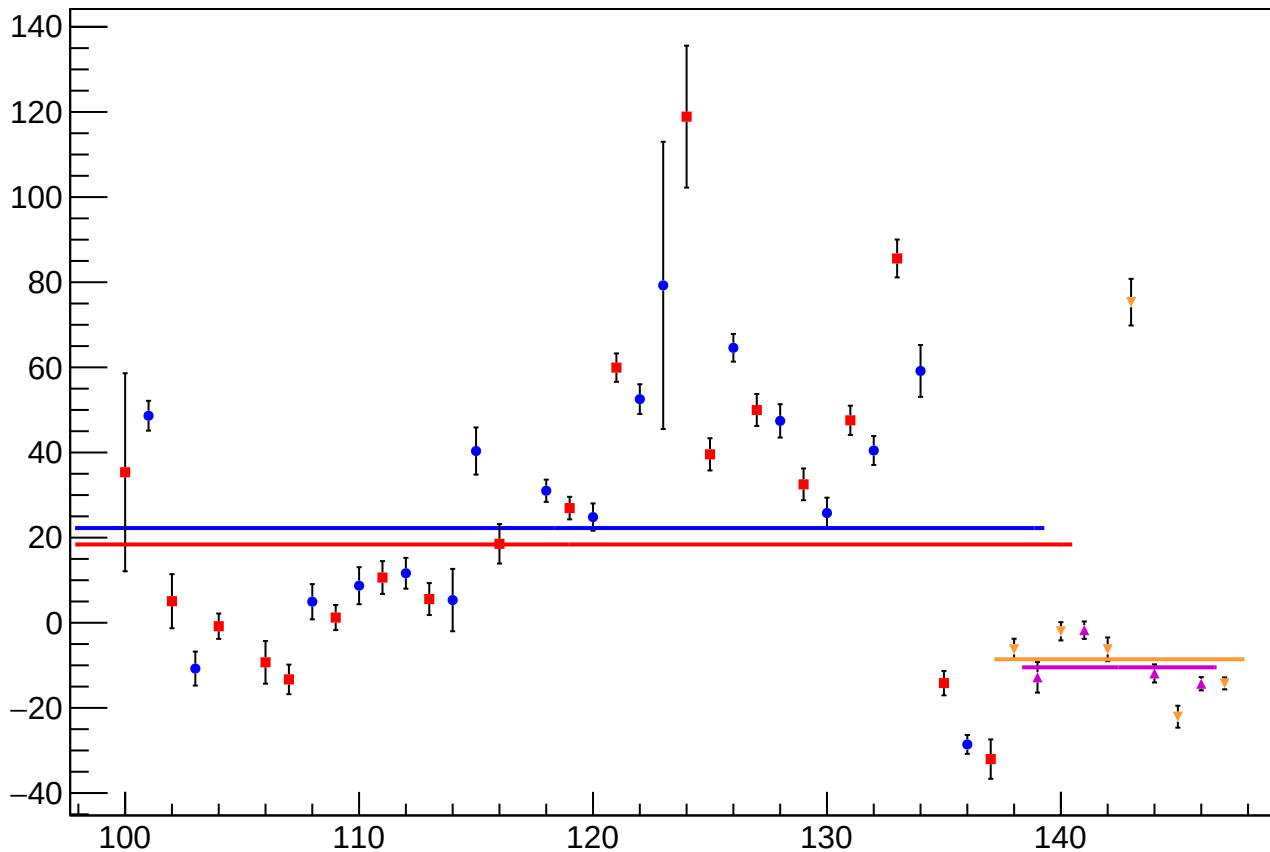
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 68.434 $\pm$ 0.895 χ^2 /NDF:4323.3/20

Out: 68.600 $\pm$ 0.847 χ^2 /NDF:6187.2/24

All: 68.521 $\pm$ 0.615 χ^2 /NDF: 10510.5/45

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250+/-0.889 χ^2/NDF : 1071.4/16

Left Out: -8.574+/-0.913 χ^2/NDF :289.5/5

Right Out: 18.395+/-0.872 χ^2/NDF : 1077.1/18

Left In: -10.467+/-1.026 χ^2/NDF :25.2/3

Left: -9.410+/-0.682 χ^2/NDF : 316.6/9

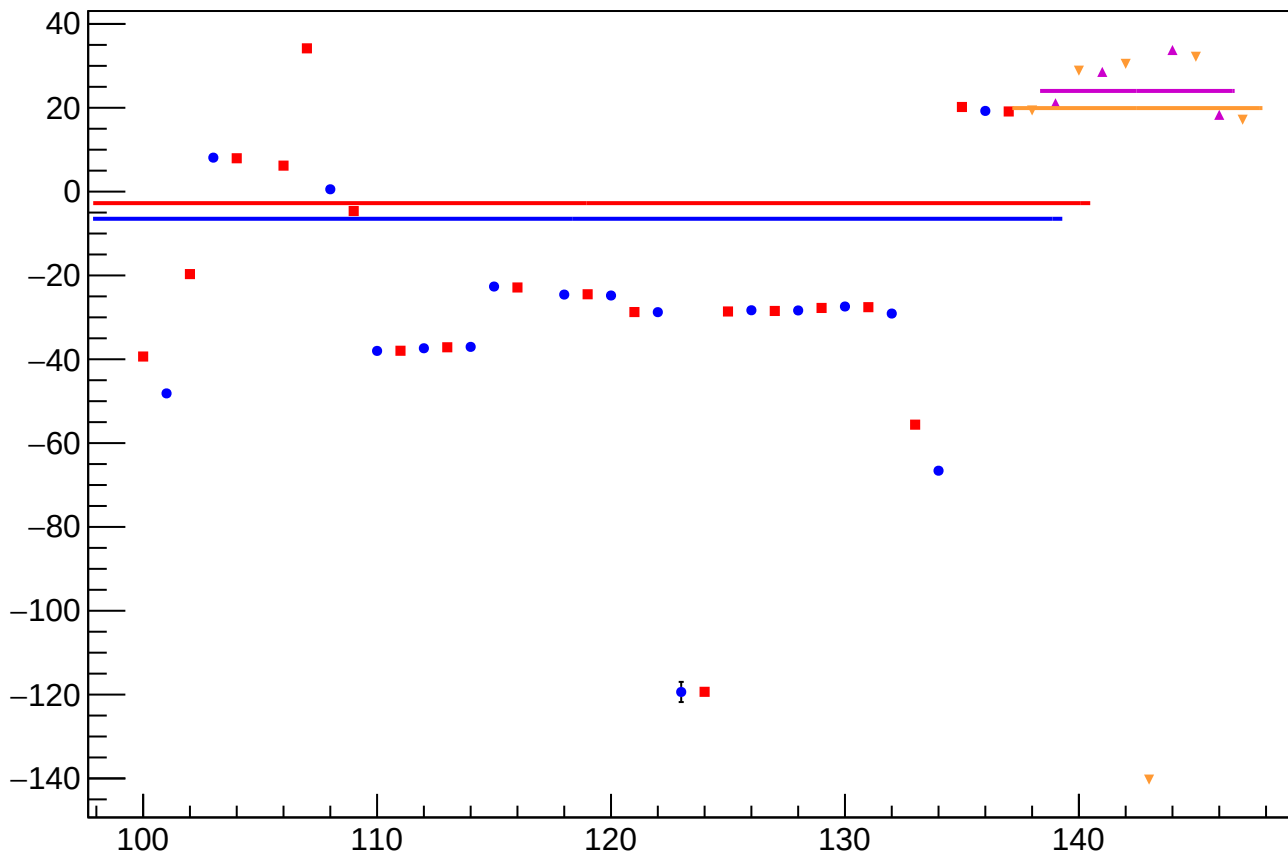
Right: 20.284+/-0.622 χ^2/NDF : 2158.2/35

In: 8.222+/-0.672 χ^2/NDF :1677.2/20

Out: 5.528+/-0.630 χ^2/NDF :1823.2/24

All: 6.789+/-0.460 χ^2/NDF : 3508.9/45

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 19.925 ± 0.046 χ^2/NDF : 346618.6/5

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

Left In: 24.018 ± 0.047 χ^2/NDF : 14087.8/3

Left: 21.893 ± 0.033 χ^2/NDF : 364598.3/9

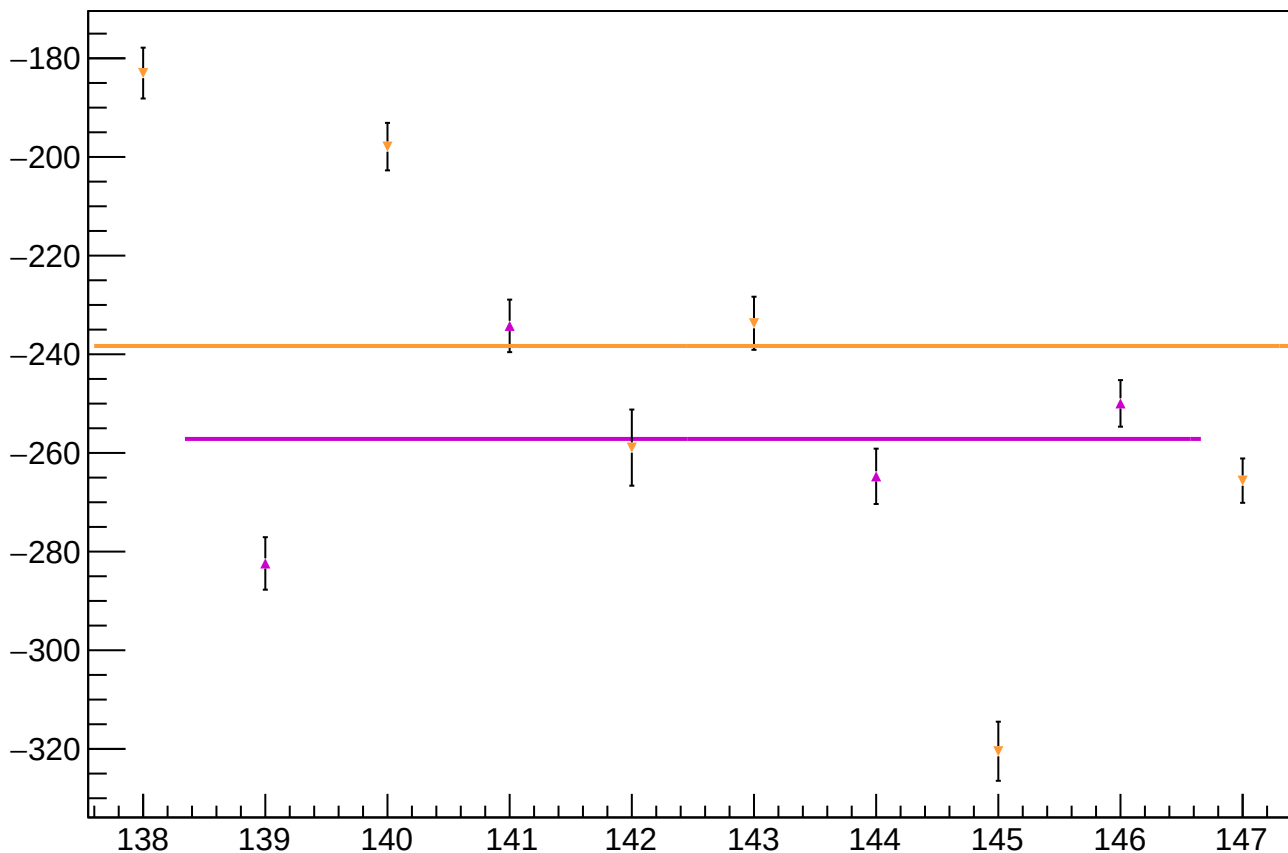
Right: -4.597 ± 0.032 χ^2/NDF : 535394.7/35

In: 8.407 ± 0.033 χ^2/NDF : 492990.1/20

Out: 8.631 ± 0.032 χ^2/NDF : 736607.9/24

All: 8.522 ± 0.023 χ^2/NDF : 1229621.6/45

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -238.317+/-2.185 χ^2/NDF : 418.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -257.160+/-2.606 χ^2/NDF : 45.2/3

Left: -246.097+/-1.674 χ^2/NDF : 494.4/9

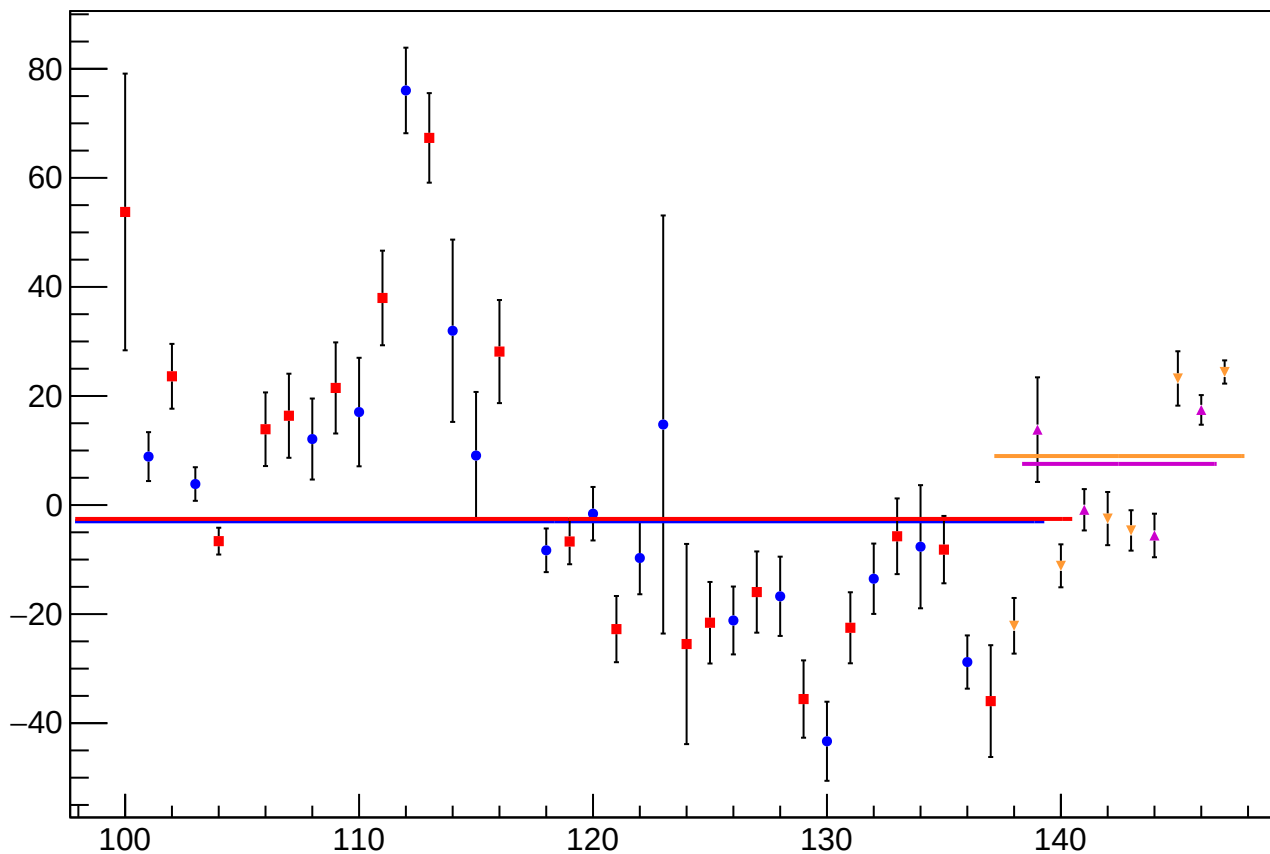
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.160+/-2.606 χ^2/NDF : 45.2/3

Out: -238.317+/-2.185 χ^2/NDF : 418.5/5

All: -246.097+/-1.674 χ^2/NDF : 494.4/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 8.986 ± 1.446 χ^2/NDF : 142.9/5

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 7.546 ± 1.896 χ^2/NDF : 29.4/3

Left: 8.456 ± 1.150 χ^2/NDF : 172.7/9

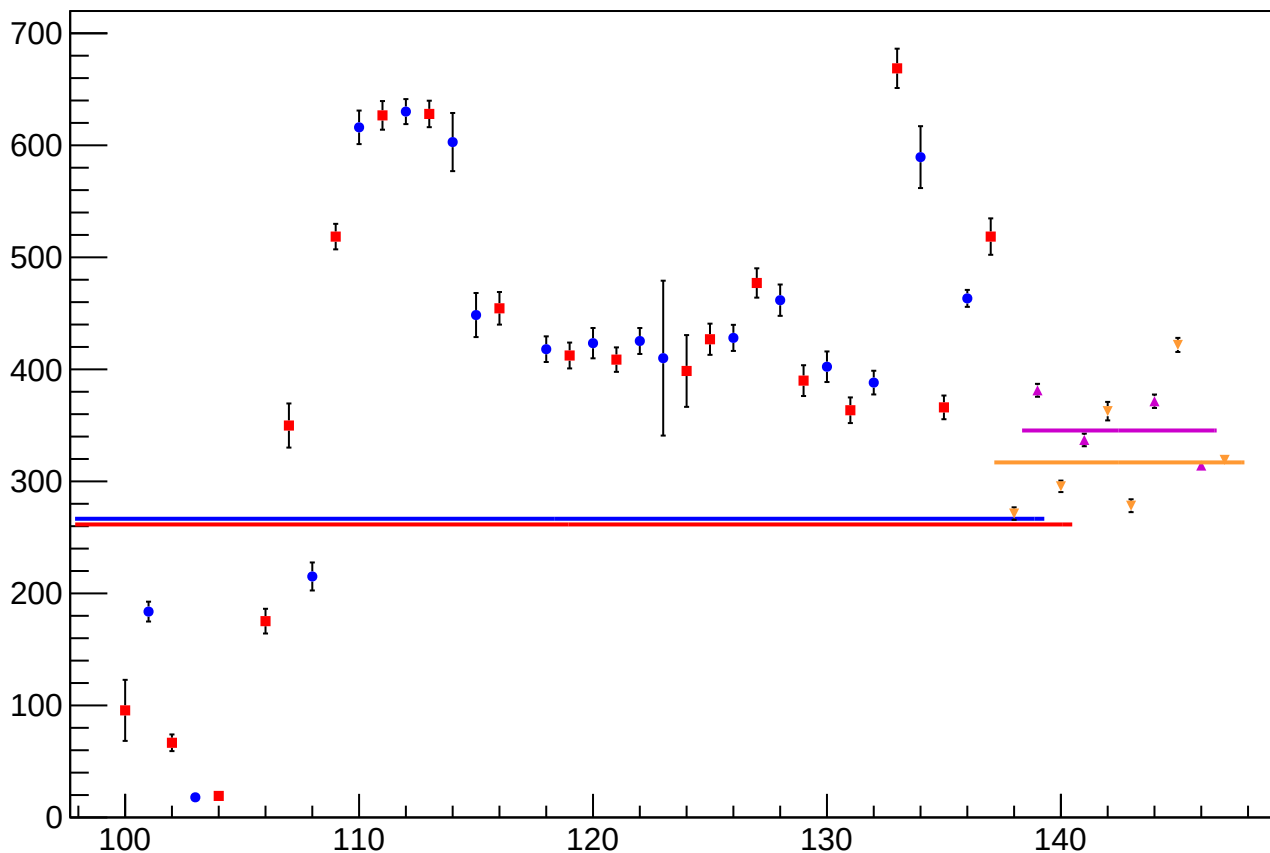
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: 0.906 ± 1.152 χ^2/NDF : 252.8/20

Out: 3.027 ± 1.005 χ^2/NDF : 393.9/24

All: 2.110 ± 0.757 χ^2/NDF : 648.6/45

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 316.936 $\pm$ 2.253 χ^2 /NDF:438.1/5

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 345.432 $\pm$ 2.688 χ^2 /NDF:108.2/3

Left: 328.692 $\pm$ 1.727 χ^2 /NDF: 612.3/9

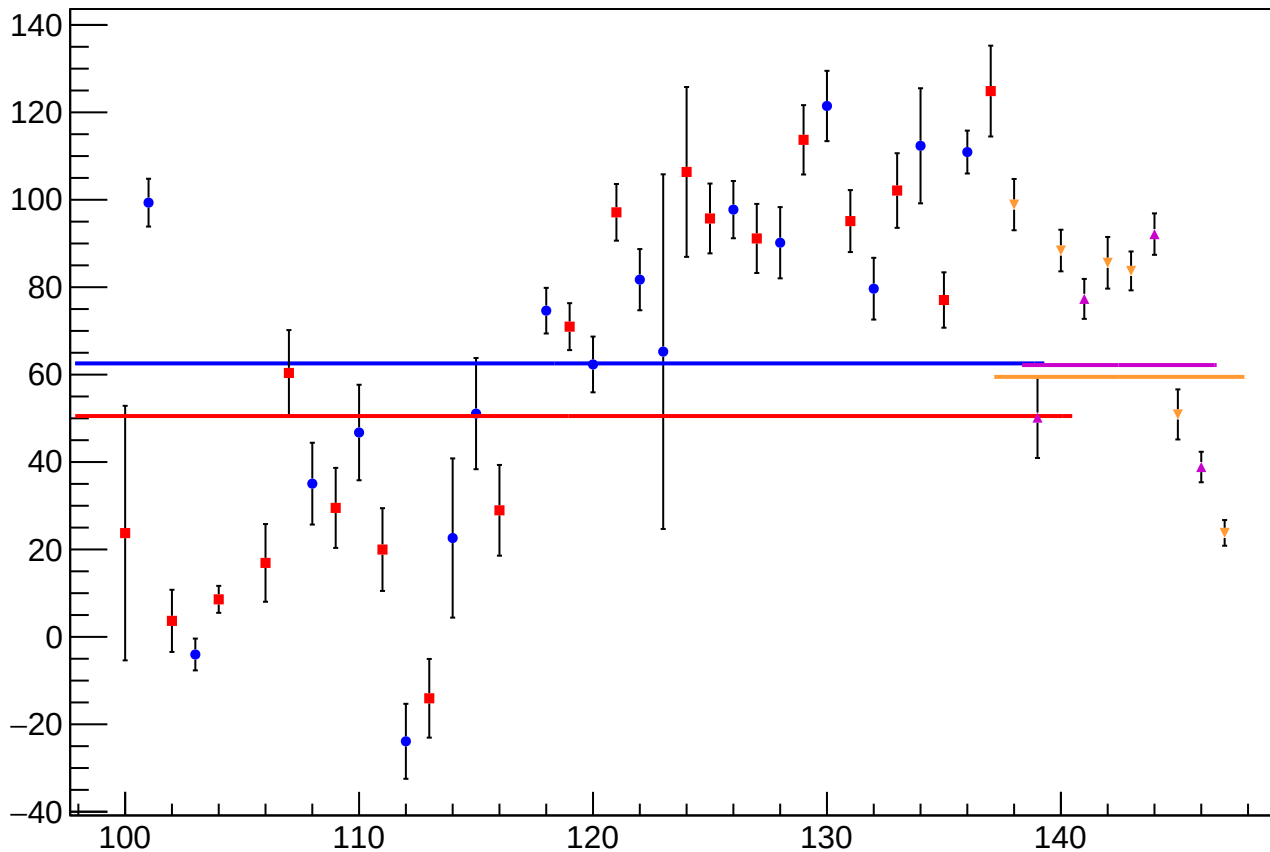
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 302.815 $\pm$ 1.822 χ^2 /NDF:8235.6/20

Out: 291.651 $\pm$ 1.661 χ^2 /NDF:8922.3/24

All: 296.718 $\pm$ 1.227 χ^2 /NDF: 17178.5/45

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 59.482 $\pm$ 1.830 χ^2 /NDF: 281.1/5

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

Left In: 62.186 $\pm$ 2.316 χ^2 /NDF: 97.3/3

Left: 60.521 $\pm$ 1.436 χ^2 /NDF: 379.3/9

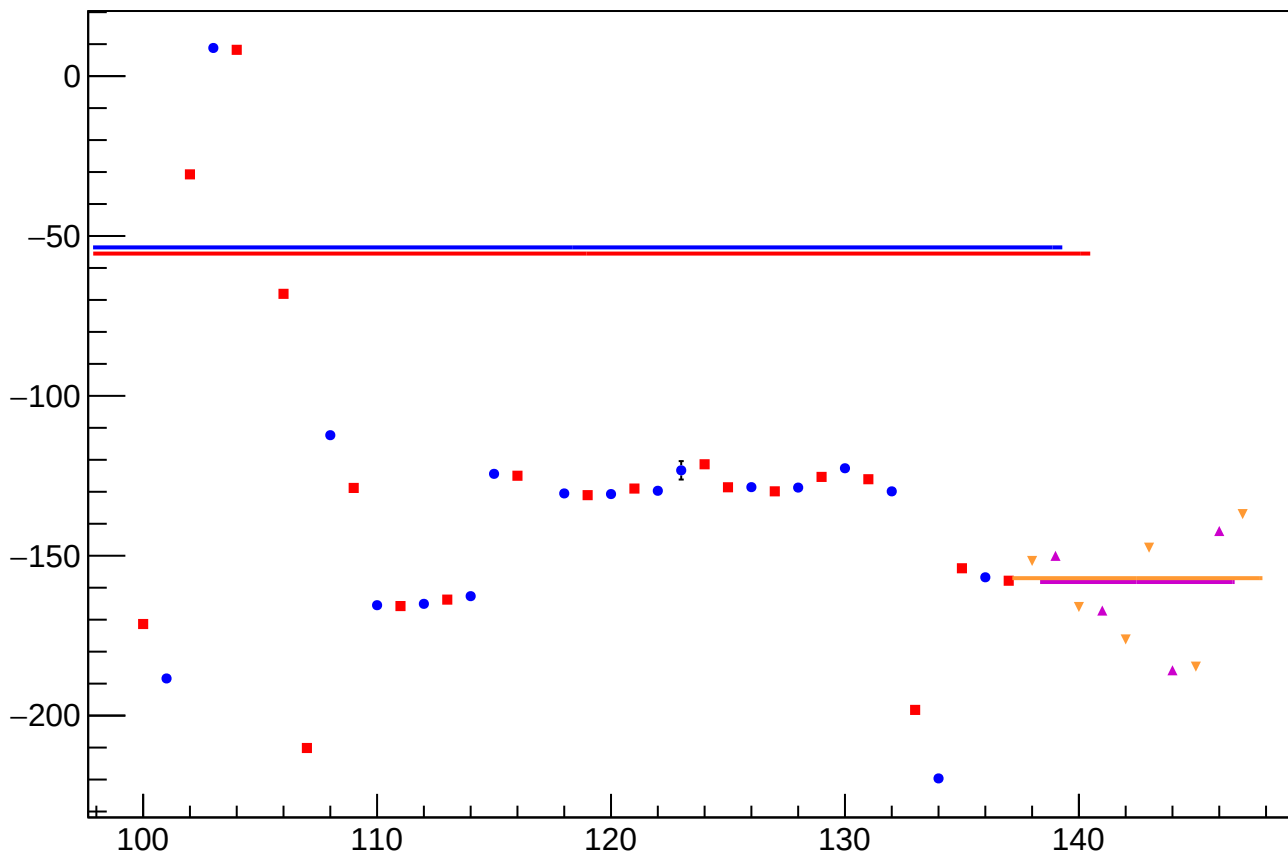
Right: 56.420 $\pm$ 1.174 χ^2 /NDF: 1405.7/35

In: 62.436 $\pm$ 1.359 χ^2 /NDF: 819.8/20

Out: 54.525 $\pm$ 1.223 χ^2 /NDF: 951.4/24

All: 58.064 $\pm$ 0.909 χ^2 /NDF: 1789.9/45

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 ± 0.070 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -157.017 ± 0.095 $\chi^2/\text{NDF}: 29918.6/5$

Right Out: -55.502 ± 0.072 $\chi^2/\text{NDF}: 969632.0/18$

Left In: -158.218 ± 0.111 $\chi^2/\text{NDF}: 20100.3/3$

Left: -157.527 ± 0.072 $\chi^2/\text{NDF}: 50086.2/9$

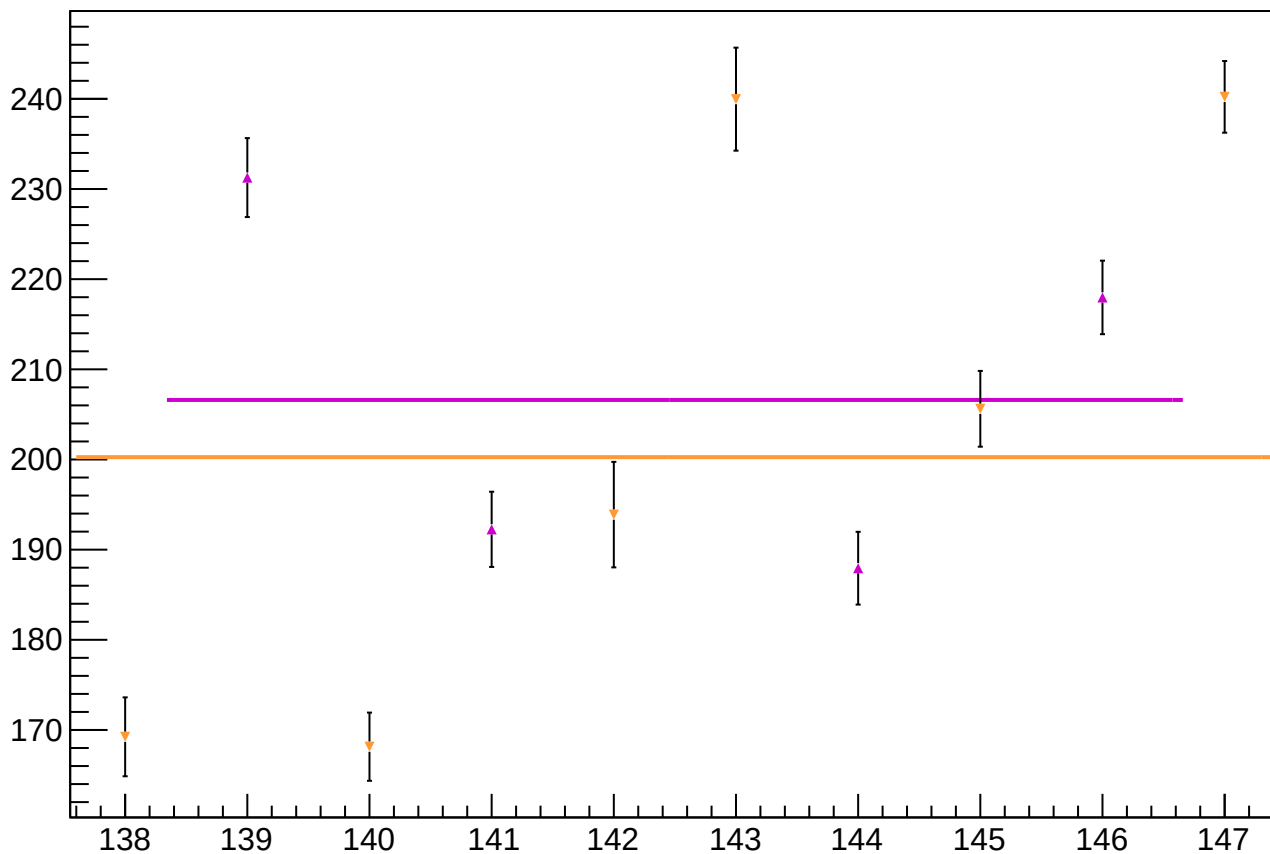
Right: -54.512 ± 0.050 $\chi^2/\text{NDF}: 2200235.7/35$

In: -83.467 ± 0.059 $\chi^2/\text{NDF}: 1883959.4/20$

Out: -92.284 ± 0.057 $\chi^2/\text{NDF}: 1721698.2/24$

All: -88.024 ± 0.041 $\chi^2/\text{NDF}: 3617048.6/45$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 200.259+/-1.820 χ^2/NDF :274.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.604+/-2.080 χ^2/NDF :72.7/3

Left: 203.011+/-1.370 χ^2/NDF : 352.6/9

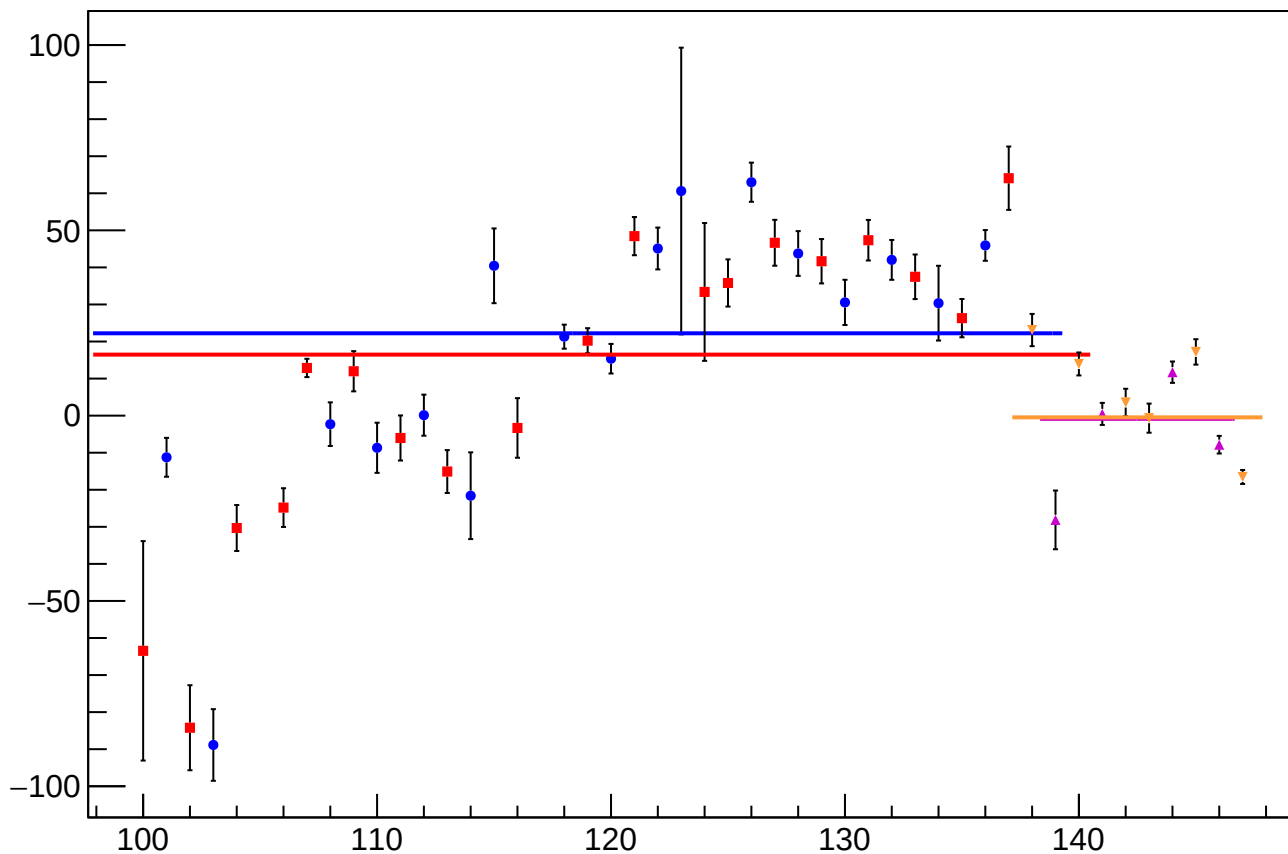
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.604+/-2.080 χ^2/NDF :72.7/3

Out: 200.259+/-1.820 χ^2/NDF :274.6/5

All: 203.011+/-1.370 χ^2/NDF : 352.6/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: -0.464 ± 1.229 $\chi^2/\text{NDF}: 151.5/5$

Right Out: 16.466 ± 1.230 $\chi^2/\text{NDF}: 425.9/18$

Left In: -0.863 ± 1.532 $\chi^2/\text{NDF}: 39.7/3$

Left: -0.621 ± 0.959 $\chi^2/\text{NDF}: 191.3/9$

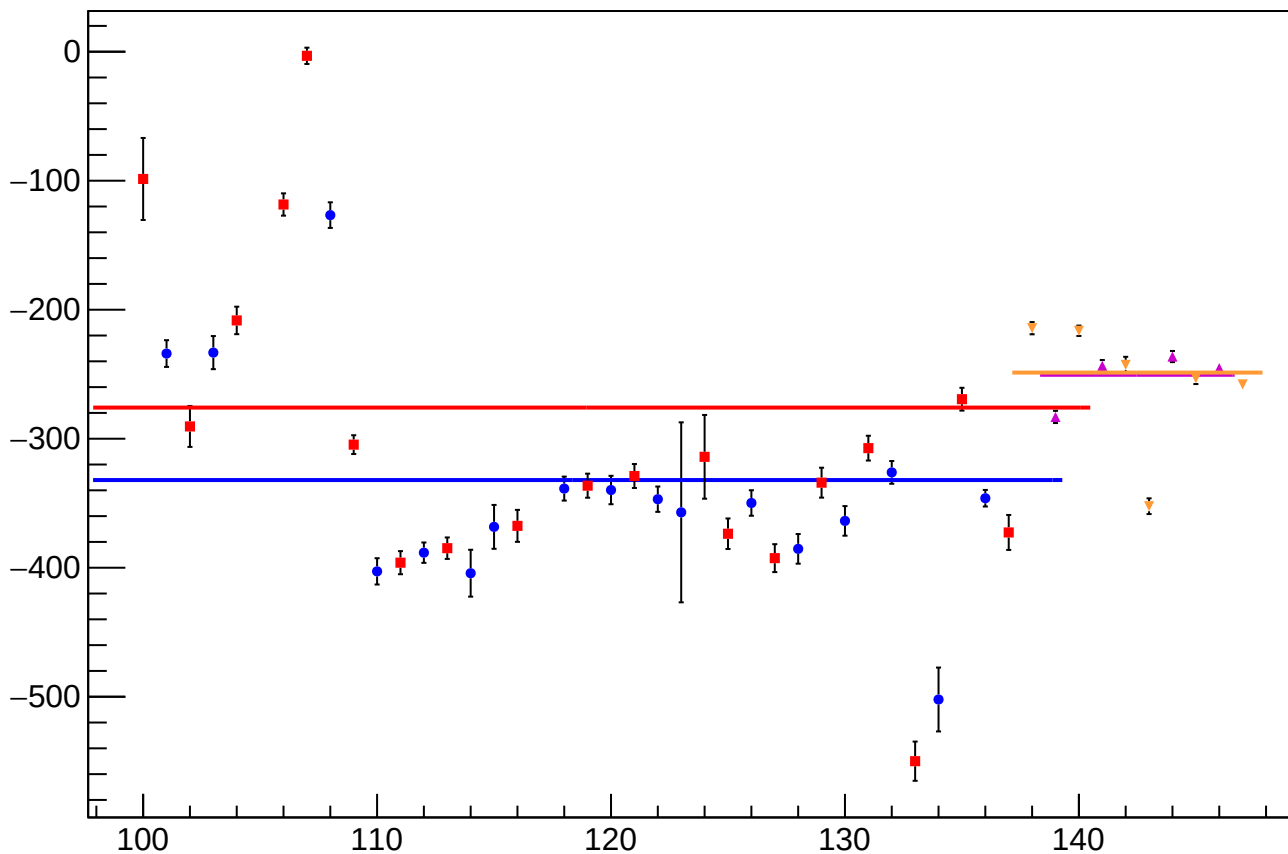
Right: 19.025 ± 0.916 $\chi^2/\text{NDF}: 821.2/35$

In: 11.933 ± 1.023 $\chi^2/\text{NDF}: 551.2/20$

Out: 8.000 ± 0.869 $\chi^2/\text{NDF}: 672.2/24$

All: 9.649 ± 0.662 $\chi^2/\text{NDF}: 1232.0/45$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -248.725 $\pm$ 1.885 χ^2 /NDF:414.1/5

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

Left In: -250.441 $\pm$ 2.157 χ^2 /NDF:62.6/3

Left: -249.468 $\pm$ 1.419 χ^2 /NDF: 477.0/9

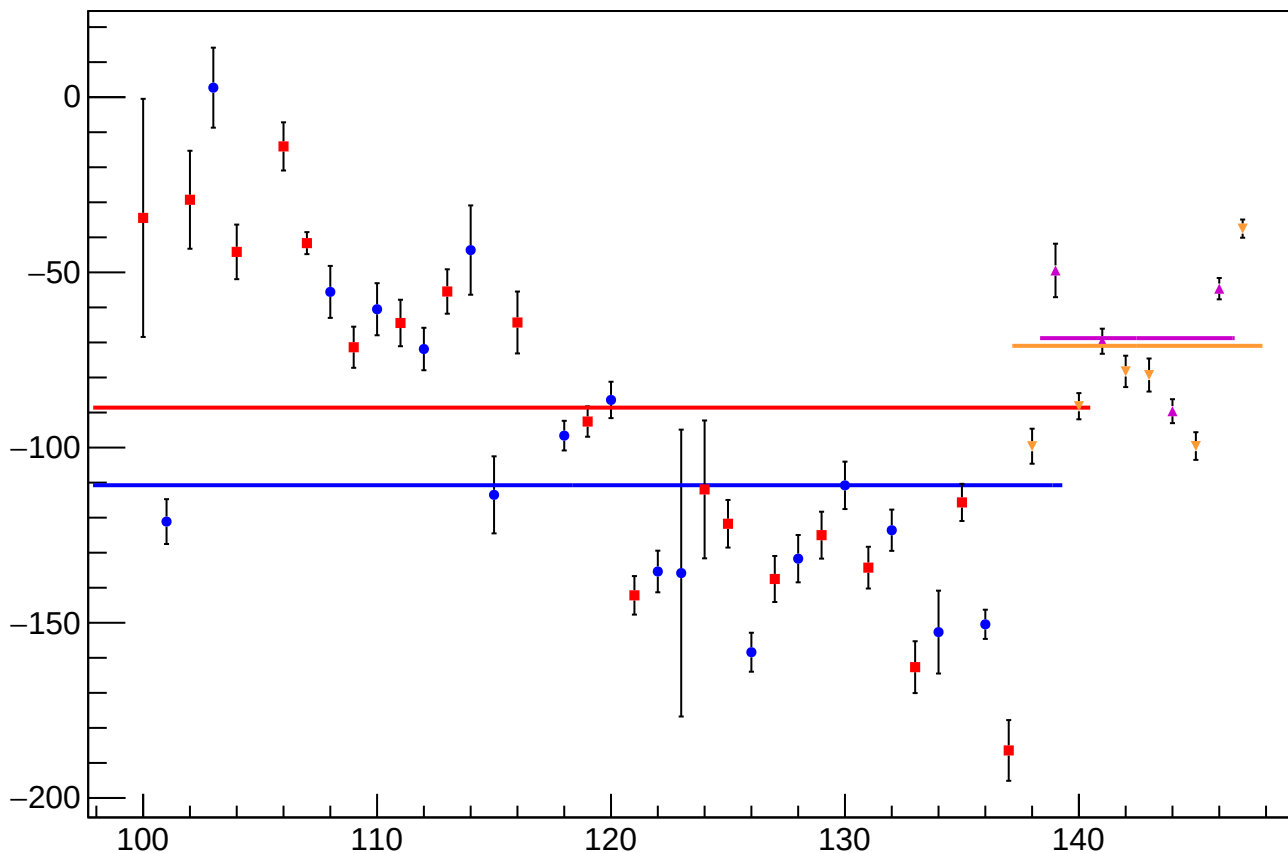
Right: -301.220 $\pm$ 1.721 χ^2 /NDF: 4411.6/35

In: -284.291 $\pm$ 1.650 χ^2 /NDF:1441.0/20

Out: -259.486 $\pm$ 1.464 χ^2 /NDF:3859.1/24

All: -270.411 $\pm$ 1.095 χ^2 /NDF: 5426.6/45

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -70.963 ± 1.545 χ^2/NDF : 278.2/5

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

Left In: -68.765 ± 1.860 χ^2/NDF : 65.3/3

Left: -70.065 ± 1.189 χ^2/NDF : 344.3/9

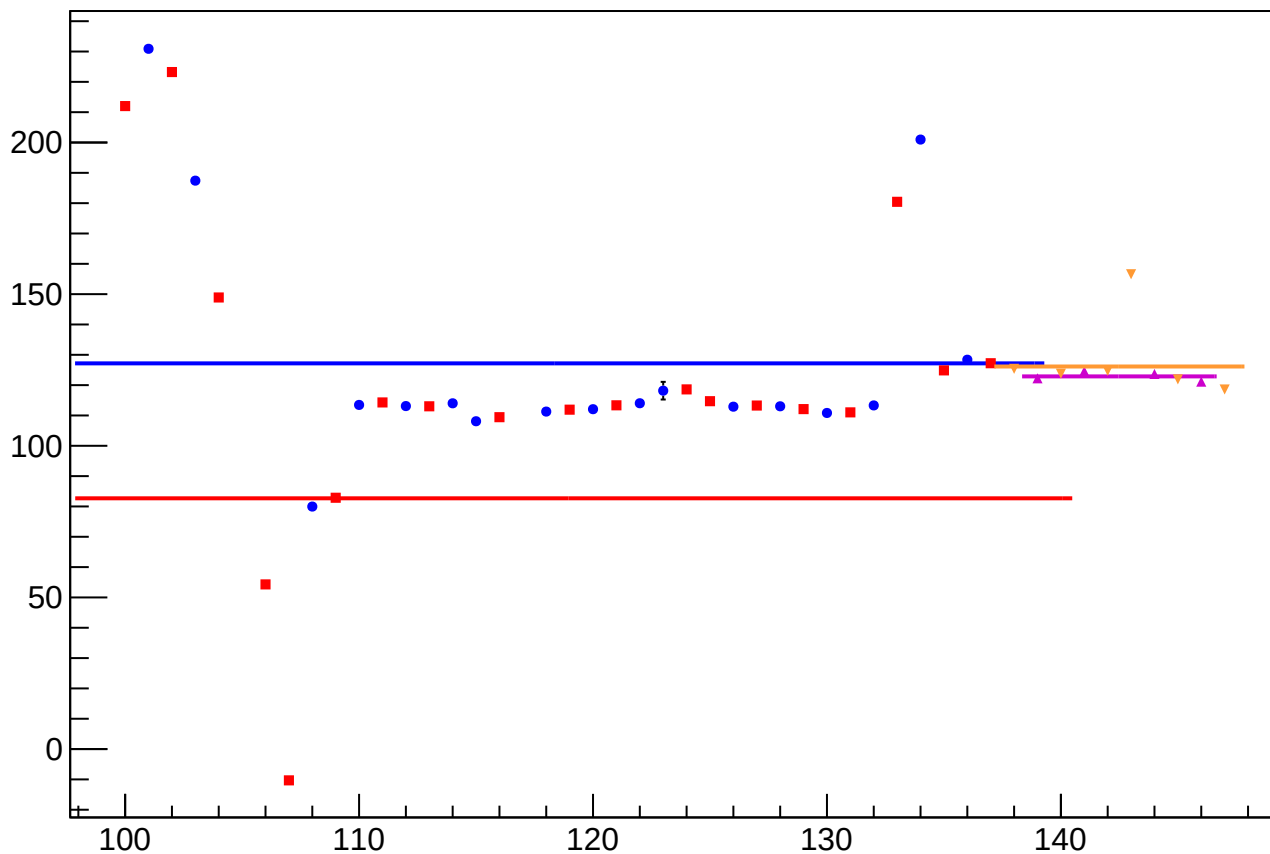
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -93.183 ± 1.203 χ^2/NDF : 874.9/20

Out: -80.436 ± 1.051 χ^2/NDF : 1317.9/24

All: -85.955 ± 0.792 χ^2/NDF : 2256.4/45

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 126.145 $\pm$ 0.079 χ^2 /NDF:18132.2/5

Right Out: 82.684 $\pm$ 0.075 χ^2 /NDF: 765716.0/18

Left In: 122.883 $\pm$ 0.089 χ^2 /NDF:215.8/3

Left: 124.702 $\pm$ 0.059 χ^2 /NDF: 19093.3/9

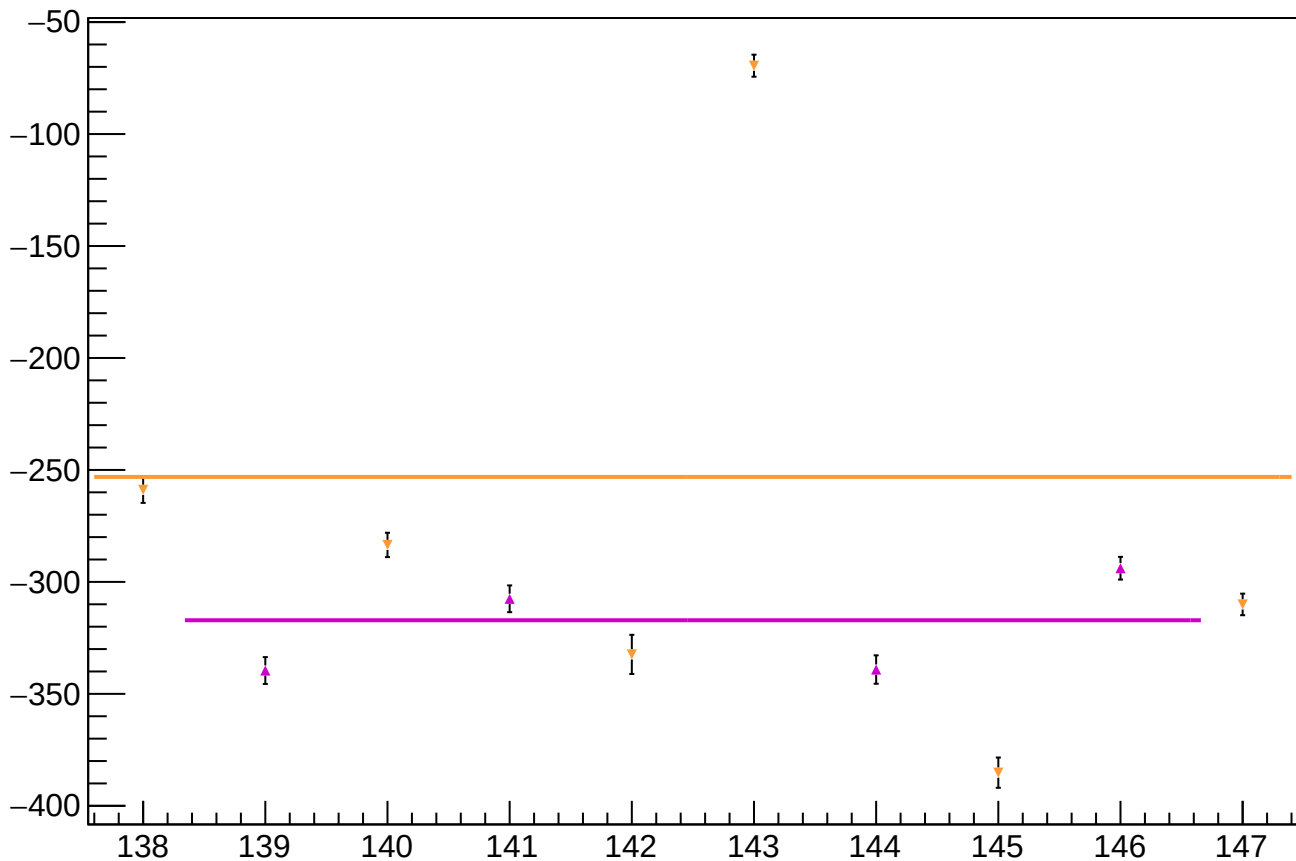
Right: 101.242 $\pm$ 0.057 χ^2 /NDF: 1099401.9/35

In: 125.036 $\pm$ 0.063 χ^2 /NDF:189428.4/20

Out: 103.250 $\pm$ 0.055 χ^2 /NDF:941483.9/24

All: 112.603 $\pm$ 0.041 χ^2 /NDF: 1199129.6/45

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.115+/-2.340 χ^2/NDF :2026.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -317.124+/-2.891 χ^2/NDF :49.7/3

Left: -278.450+/-1.819 χ^2/NDF : 2372.3/9

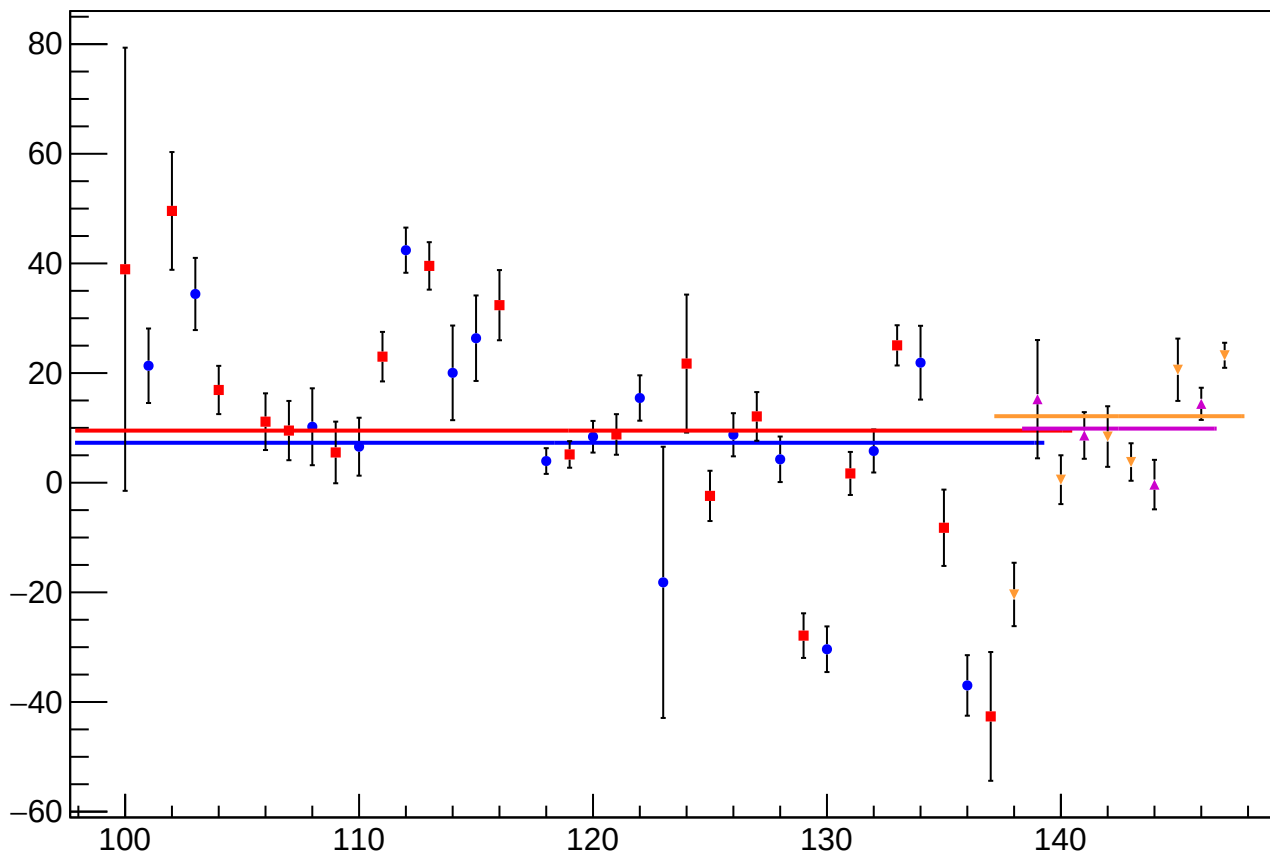
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -317.124+/-2.891 χ^2/NDF :49.7/3

Out: -253.115+/-2.340 χ^2/NDF :2026.5/5

All: -278.450+/-1.819 χ^2/NDF : 2372.3/9

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 $\pm$ 1.084 χ^2 /NDF: 261.0/16

Left Out: 12.132 $\pm$ 1.541 χ^2 /NDF:70.7/5

Right Out: 9.505 $\pm$ 1.074 χ^2 /NDF: 231.5/18

Left In: 9.870 $\pm$ 2.090 χ^2 /NDF:7.8/3

Left: 11.336 $\pm$ 1.240 χ^2 /NDF: 79.3/9

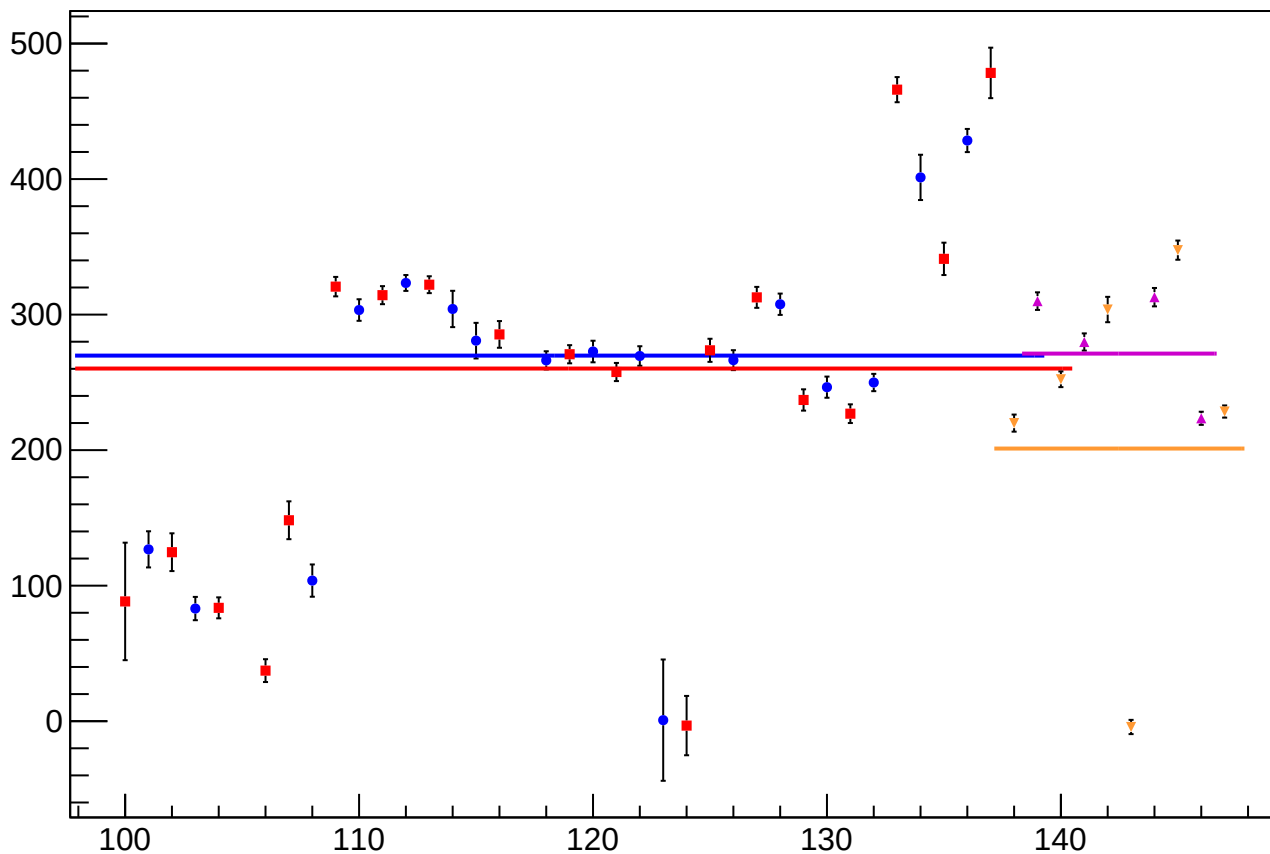
Right: 8.404 $\pm$ 0.763 χ^2 /NDF: 494.7/35

In: 7.832 $\pm$ 0.962 χ^2 /NDF:270.1/20

Out: 10.364 $\pm$ 0.881 χ^2 /NDF:304.2/24

All: 9.209 $\pm$ 0.650 χ^2 /NDF: 578.0/45

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 201.166 $\pm$ 2.412 χ^2 /NDF:2199.1/5

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

Left In: 271.228 $\pm$ 2.976 χ^2 /NDF:172.2/3

Left: 228.938 $\pm$ 1.874 χ^2 /NDF: 2705.9/9

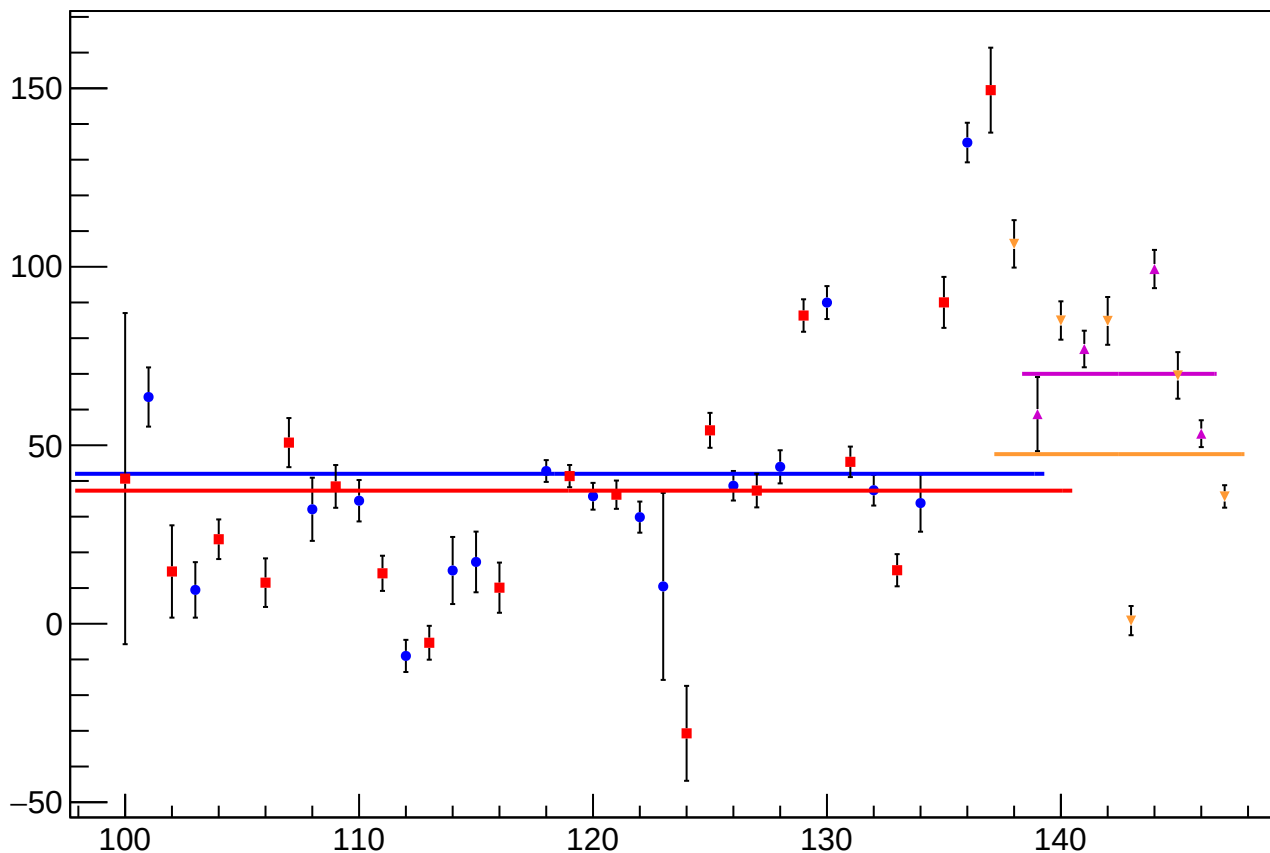
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 270.231 $\pm$ 1.700 χ^2 /NDF:1546.5/20

Out: 236.466 $\pm$ 1.529 χ^2 /NDF:5099.0/24

All: 251.567 $\pm$ 1.137 χ^2 /NDF: 6863.5/45

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 47.512 $\pm$ 1.947 χ^2 /NDF:313.8/5

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

Left In: 70.010 $\pm$ 2.558 χ^2 /NDF:52.9/3

Left: 55.767 $\pm$ 1.549 χ^2 /NDF: 415.7/9

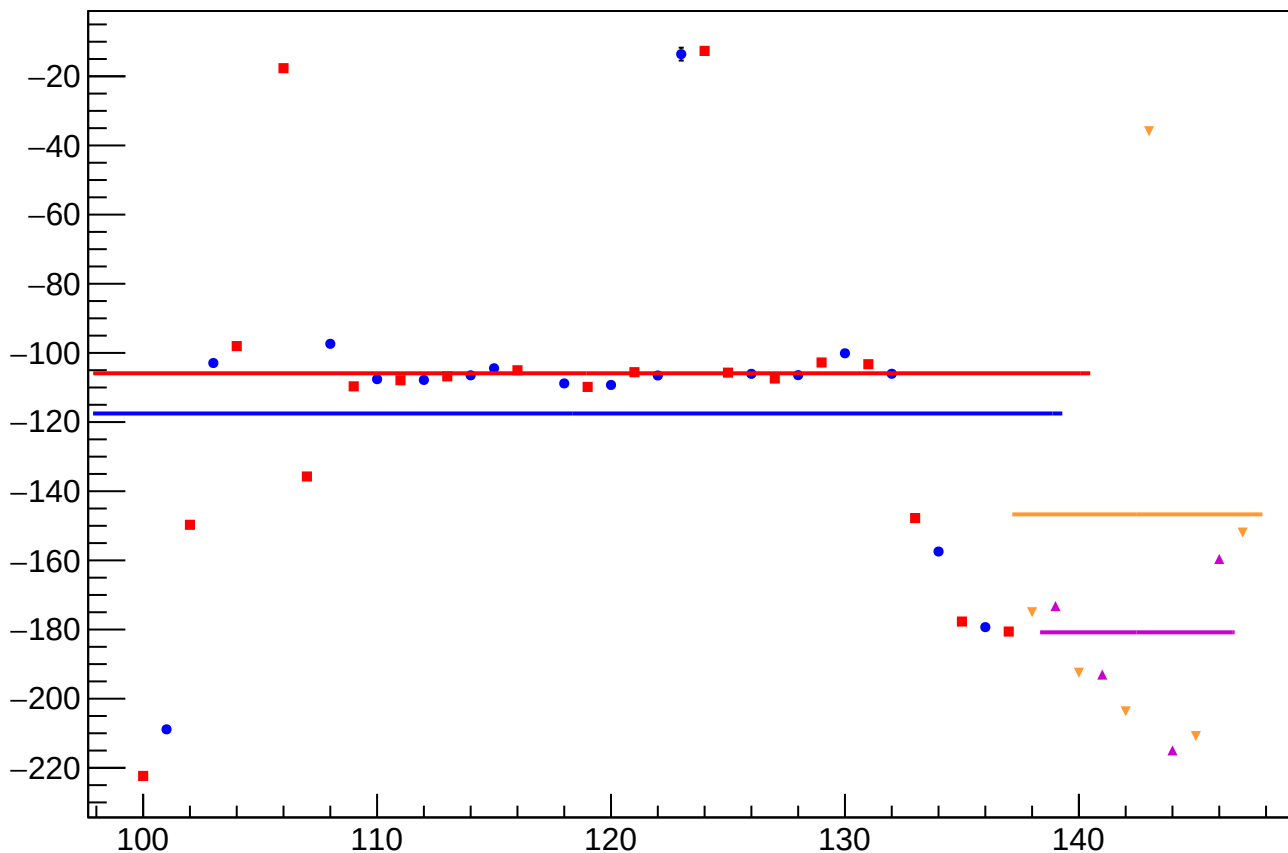
Right: 39.611 $\pm$ 0.881 χ^2 /NDF: 1055.4/35

In: 47.443 $\pm$ 1.127 χ^2 /NDF:725.1/20

Out: 40.225 $\pm$ 1.044 χ^2 /NDF:806.1/24

All: 43.559 $\pm$ 0.766 χ^2 /NDF: 1553.2/45

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516 ± 0.078 χ^2/NDF : 142016.6/16

Left Out: -146.699 ± 0.102 χ^2/NDF : 398960.3/5

Right Out: -105.892 ± 0.073 χ^2/NDF : 324304.4/18

Left In: -180.805 ± 0.123 χ^2/NDF : 25596.3/3

Left: -160.533 ± 0.079 χ^2/NDF : 469970.4/9

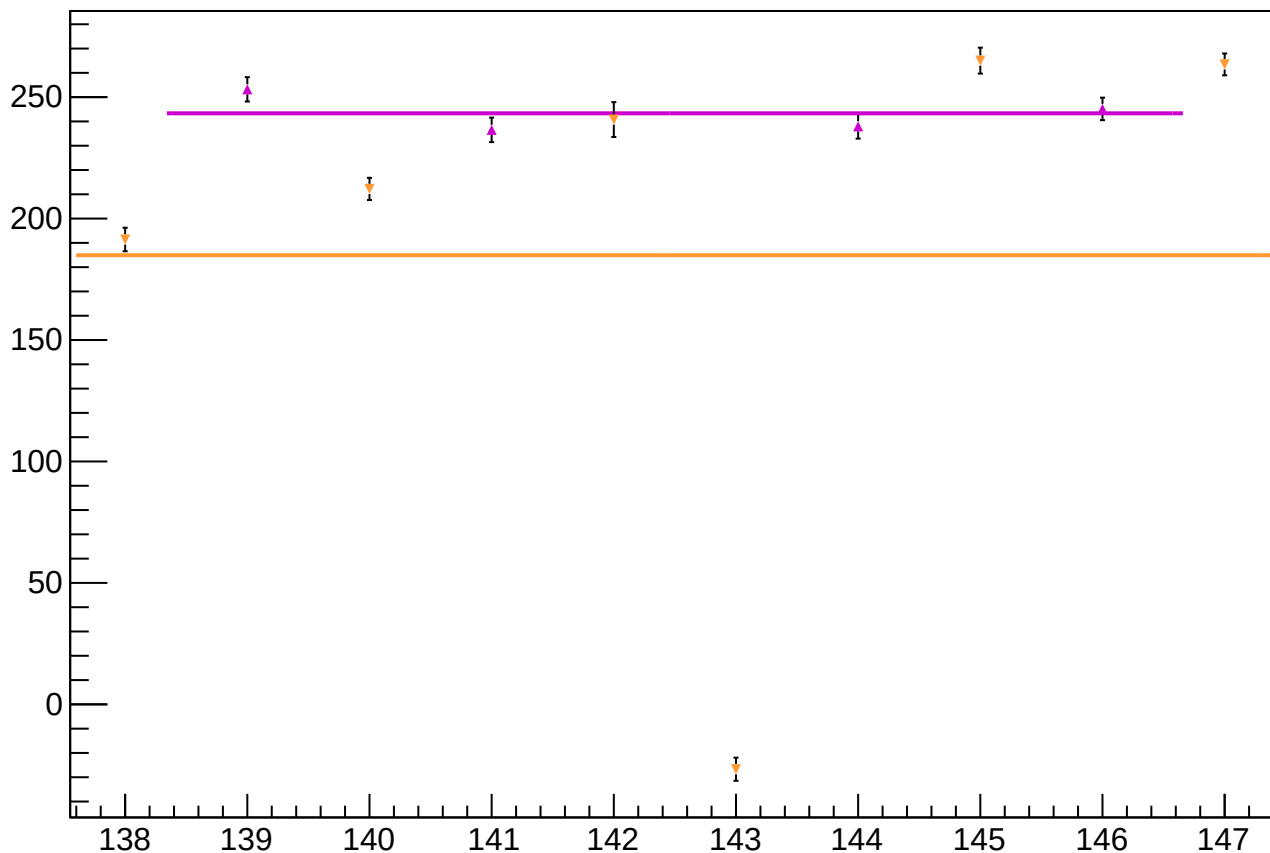
Right: -111.303 ± 0.053 χ^2/NDF : 478188.8/35

In: -135.586 ± 0.066 χ^2/NDF : 355585.3/20

Out: -119.676 ± 0.059 χ^2/NDF : 829394.8/24

All: -126.783 ± 0.044 χ^2/NDF : 1217200.3/45

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 184.915+/-2.047 χ^2/NDF :2609.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 243.338+/-2.462 χ^2/NDF :7.0/3

Left: 208.799+/-1.574 χ^2/NDF : 2949.5/9

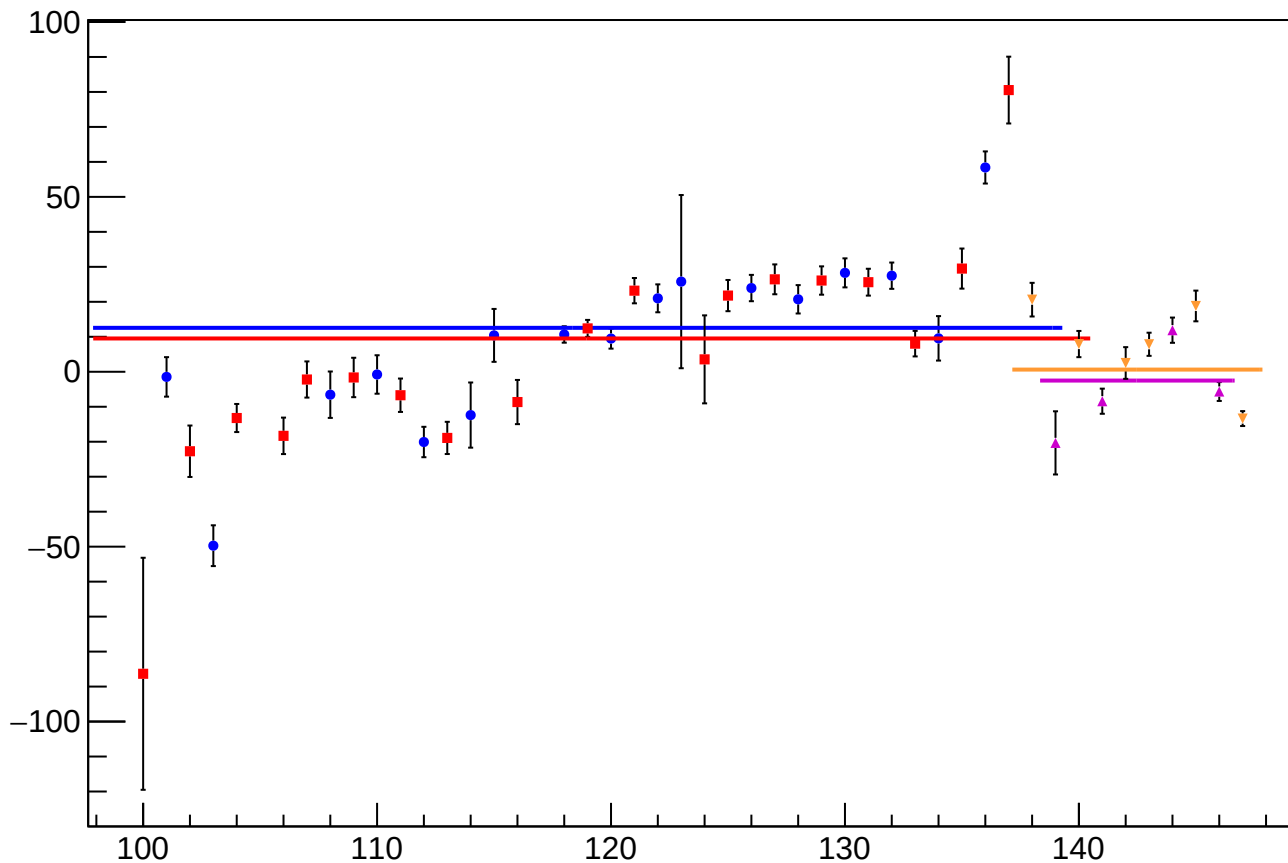
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.338+/-2.462 χ^2/NDF :7.0/3

Out: 184.915+/-2.047 χ^2/NDF :2609.5/5

All: 208.799+/-1.574 χ^2/NDF : 2949.5/9

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF : 347.7/16

Left Out: 0.625+/-1.378 χ^2/NDF : 86.4/5

Right Out: 9.519+/-1.051 χ^2/NDF : 296.2/18

Left In: -2.514+/-1.814 χ^2/NDF : 23.9/3

Left: -0.524+/-1.097 χ^2/NDF : 112.1/9

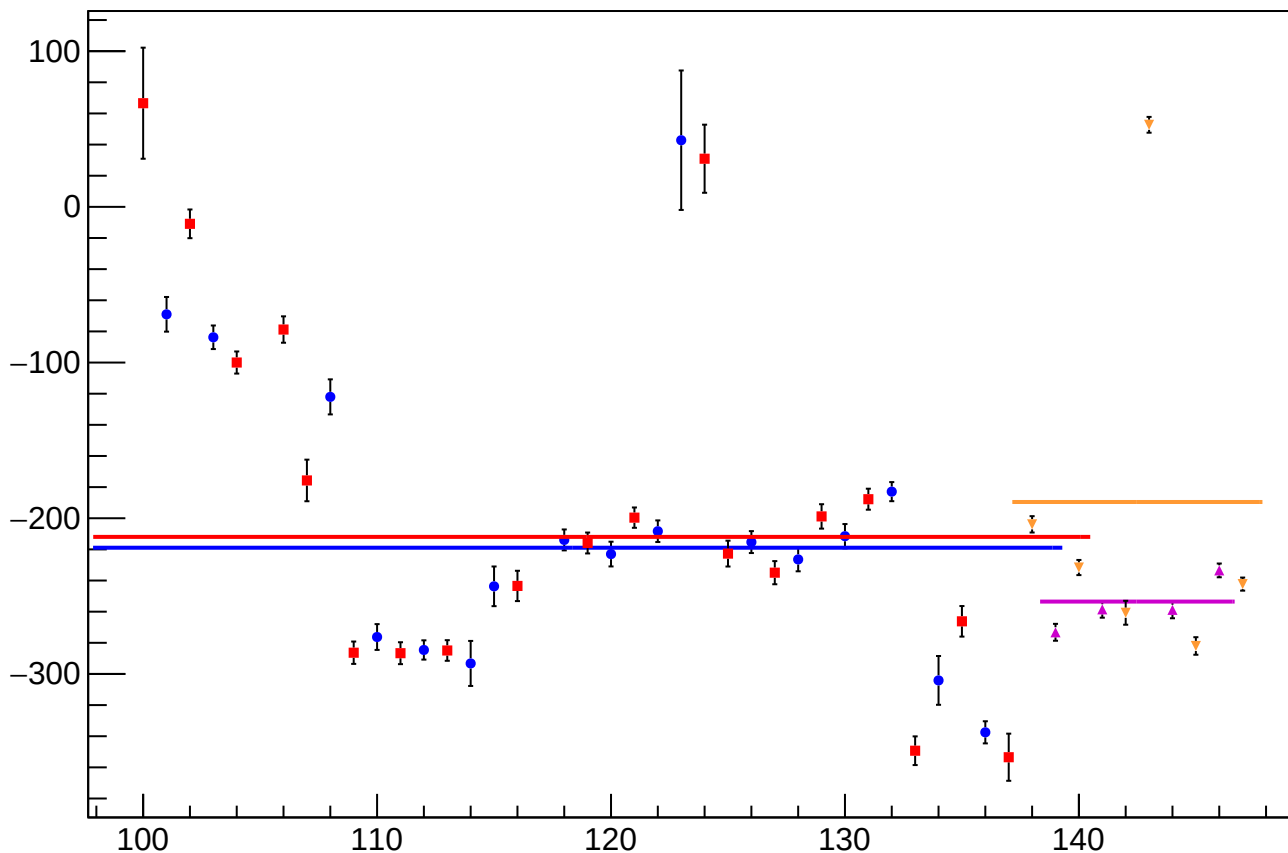
Right: 11.033+/-0.745 χ^2/NDF : 648.2/35

In: 8.747+/-0.912 χ^2/NDF : 423.2/20

Out: 6.250+/-0.835 χ^2/NDF : 408.9/24

All: 7.389+/-0.616 χ^2/NDF : 836.2/45

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -189.552 ± 2.121 χ^2/NDF : 2873.4/5

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

Left In: -253.521 ± 2.547 χ^2/NDF : 35.6/3

Left: -215.736 ± 1.630 χ^2/NDF : 3281.5/9

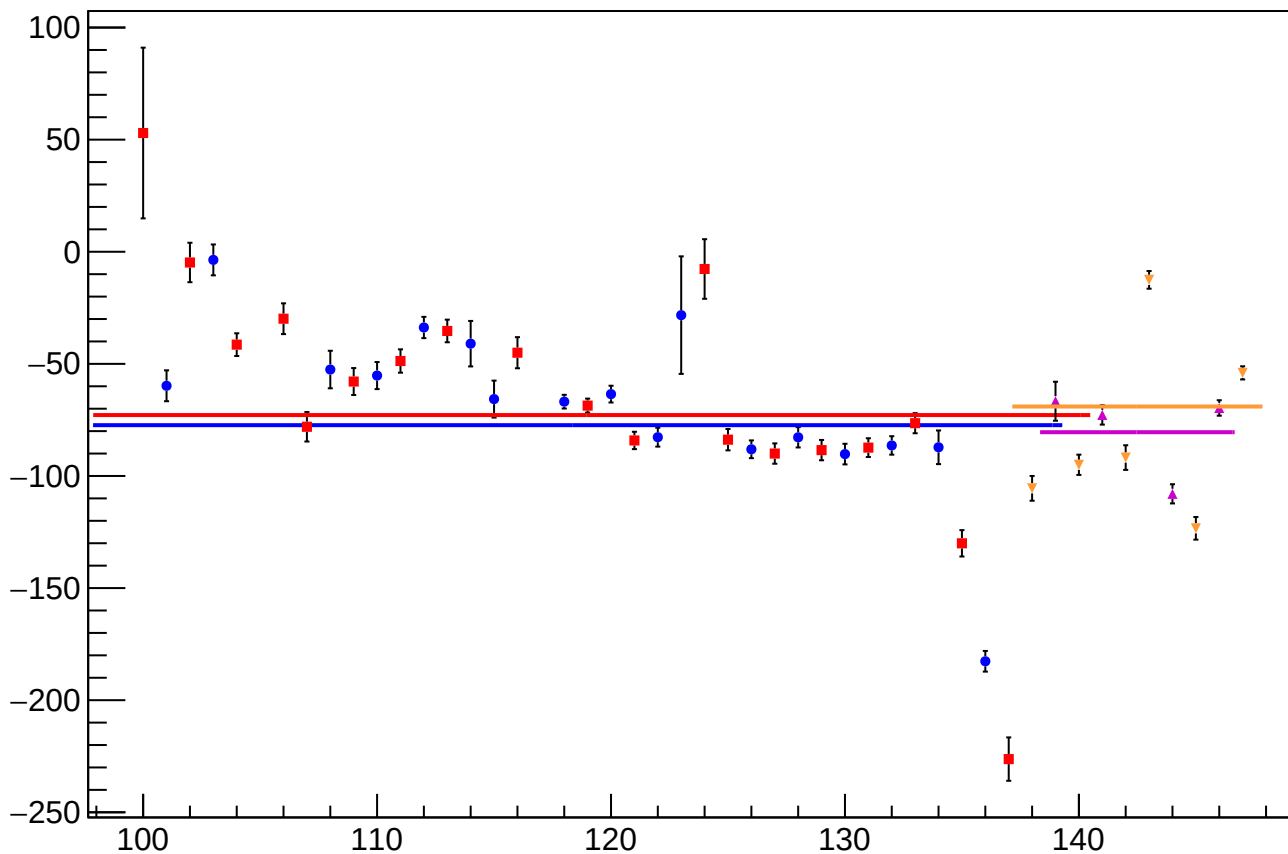
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -232.167 ± 1.576 χ^2/NDF : 1296.1/20

Out: -201.844 ± 1.425 χ^2/NDF : 4820.8/24

All: -215.485 ± 1.057 χ^2/NDF : 6320.6/45

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -69.023 ± 1.731 χ^2/NDF : 440.0/5

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

Left In: -80.479 ± 2.207 χ^2/NDF : 56.8/3

Left: -73.387 ± 1.362 χ^2/NDF : 513.5/9

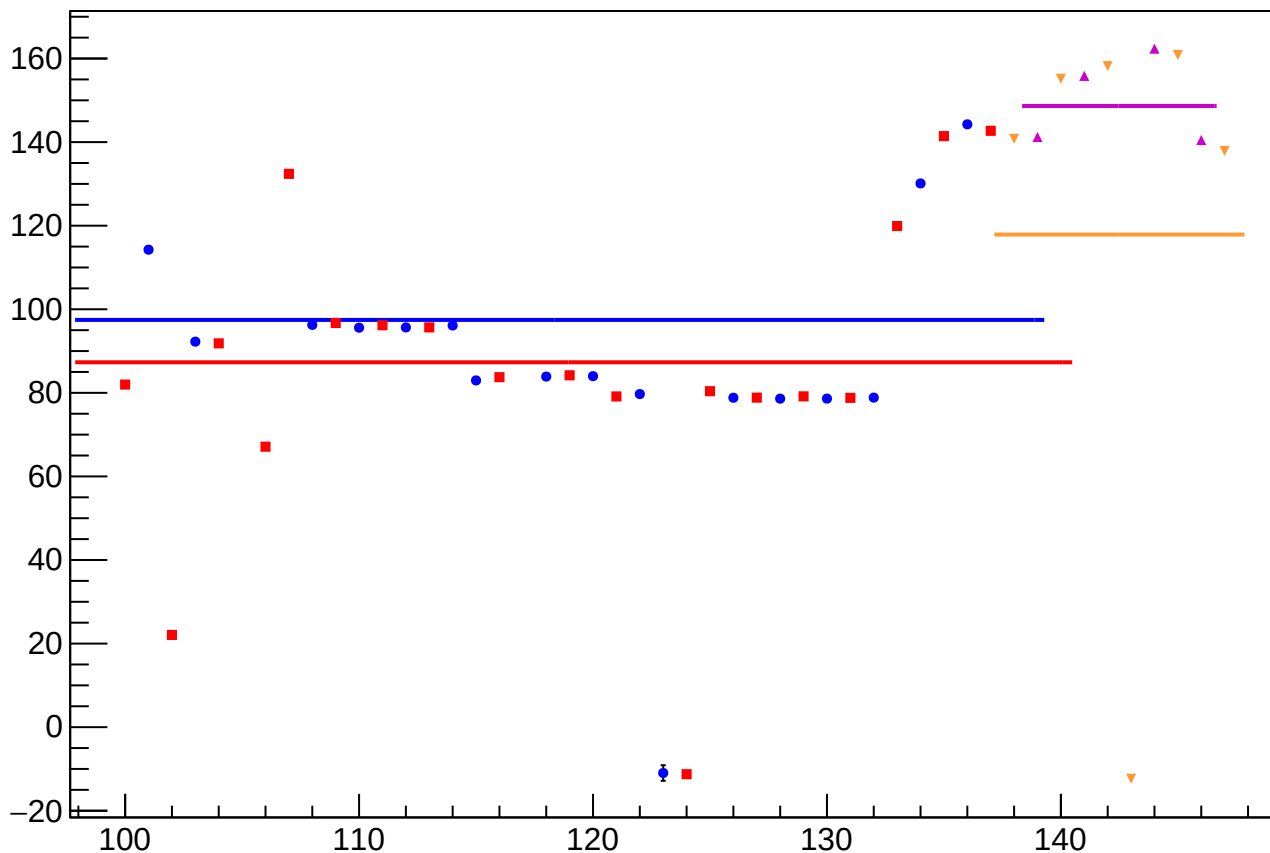
Right: -75.069 ± 0.858 χ^2/NDF : 1497.0/35

In: -78.076 ± 1.067 χ^2/NDF : 875.6/20

Out: -71.586 ± 0.991 χ^2/NDF : 1116.2/24

All: -74.591 ± 0.726 χ^2/NDF : 2011.6/45

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 117.876 $\pm$ 0.089 χ^2 /NDF: 518633.6/5

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

Left In: 148.647 $\pm$ 0.105 χ^2 /NDF: 7569.7/3

Left: 130.756 $\pm$ 0.068 χ^2 /NDF: 576020.3/9

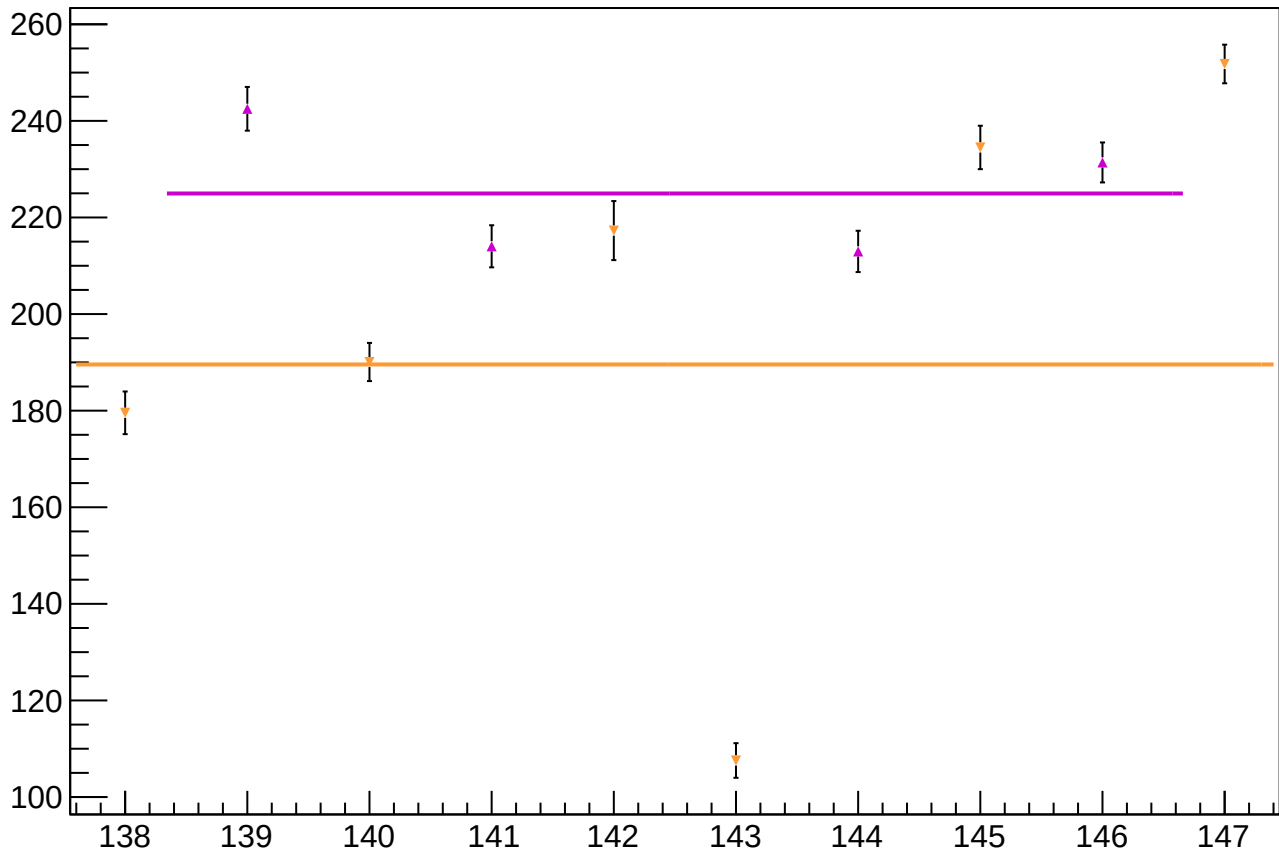
Right: 92.024 $\pm$ 0.050 χ^2 /NDF: 326563.7/35

In: 114.189 $\pm$ 0.060 χ^2 /NDF: 261680.0/20

Out: 98.598 $\pm$ 0.054 χ^2 /NDF: 814519.3/24

All: 105.590 $\pm$ 0.040 χ^2 /NDF: 1113308.8/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 189.566+/-1.736 χ^2/NDF :891.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 224.966+/-2.159 χ^2/NDF :31.6/3

Left: 203.464+/-1.353 χ^2/NDF : 1086.0/9

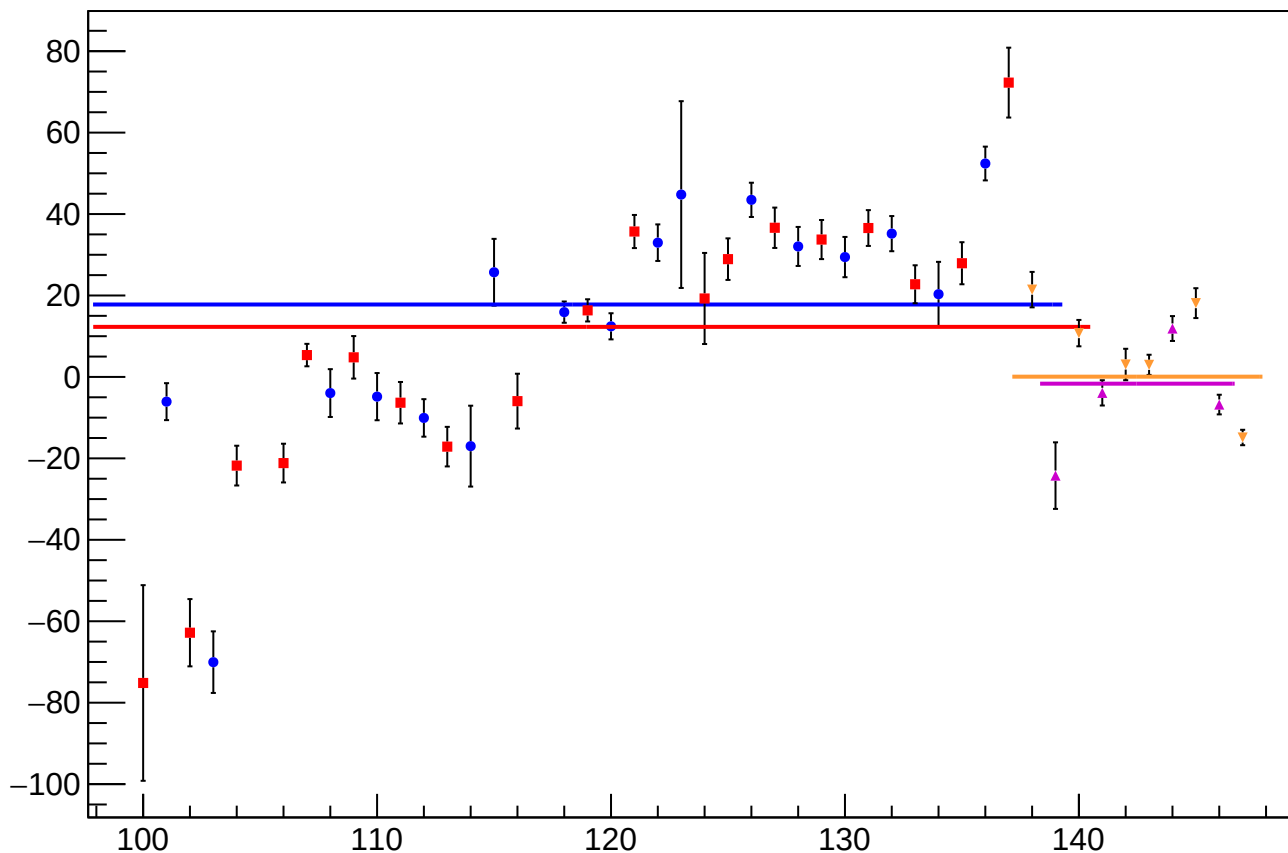
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 224.966+/-2.159 χ^2/NDF :31.6/3

Out: 189.566+/-1.736 χ^2/NDF :891.2/5

All: 203.464+/-1.353 χ^2/NDF : 1086.0/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 ± 1.146 $\chi^2/\text{NDF}: 395.1/16$

Left Out: 0.064 ± 1.169 $\chi^2/\text{NDF}: 123.5/5$

Right Out: 12.294 ± 1.086 $\chi^2/\text{NDF}: 443.7/18$

Left In: -1.656 ± 1.585 $\chi^2/\text{NDF}: 32.4/3$

Left: -0.542 ± 0.941 $\chi^2/\text{NDF}: 156.6/9$

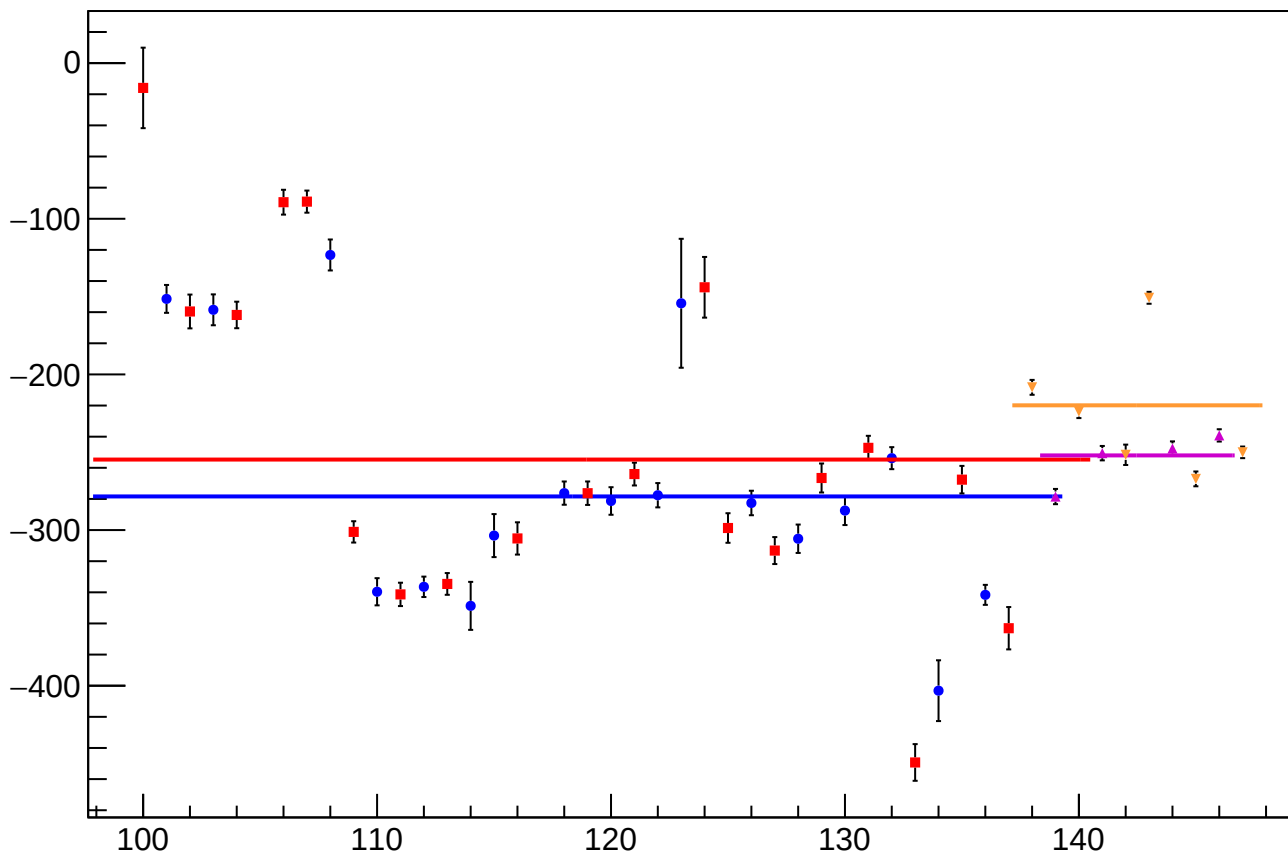
Right: 14.891 ± 0.788 $\chi^2/\text{NDF}: 850.9/35$

In: 11.111 ± 0.929 $\chi^2/\text{NDF}: 526.2/20$

Out: 6.630 ± 0.796 $\chi^2/\text{NDF}: 625.9/24$

All: 8.526 ± 0.604 $\chi^2/\text{NDF}: 1165.6/45$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393+/-2.168 χ^2/NDF : 910.5/16

Left Out: -219.857+/-1.803 χ^2/NDF :520.3/5

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

Left In: -252.035+/-2.236 χ^2/NDF :40.7/3

Left: -232.532+/-1.404 χ^2/NDF : 686.5/9

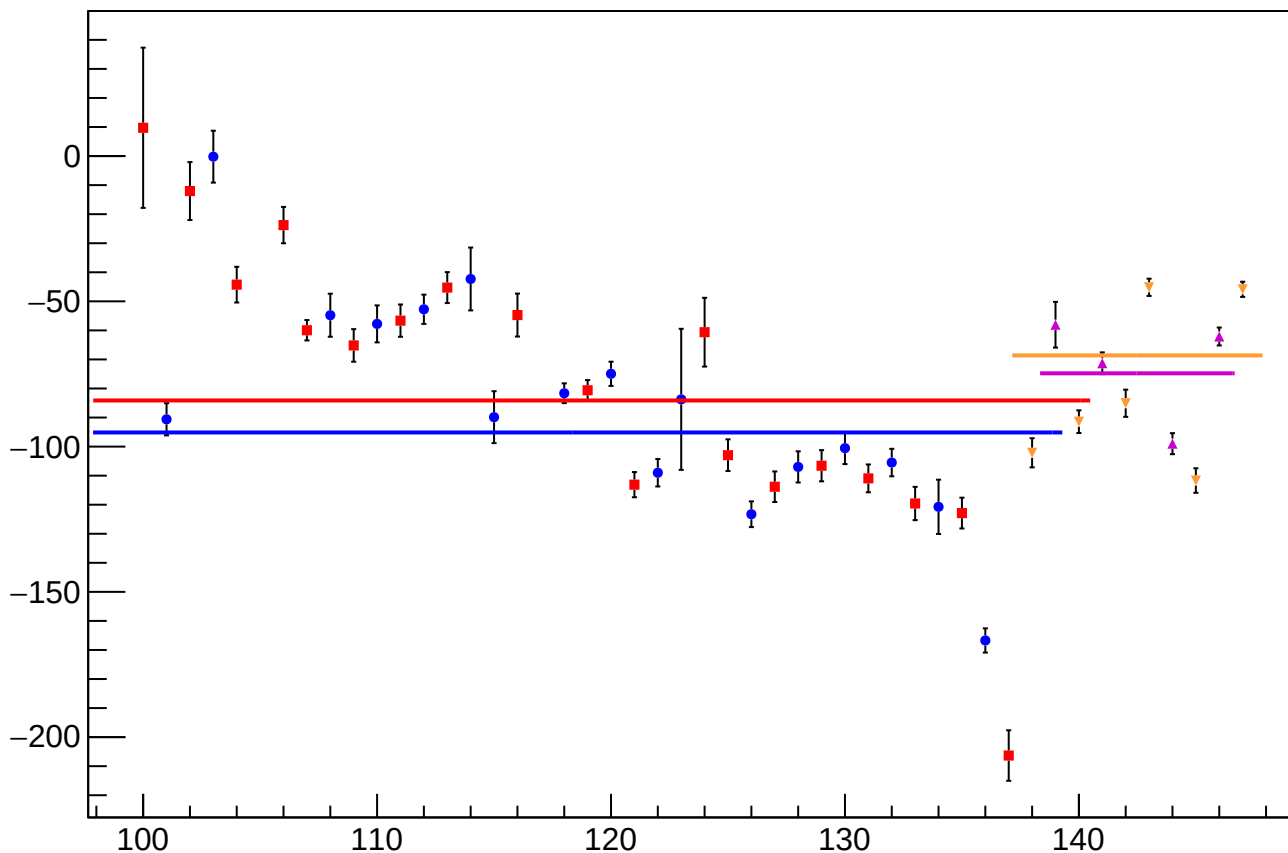
Right: -265.715+/-1.478 χ^2/NDF : 3013.0/35

In: -265.626+/-1.557 χ^2/NDF :1022.9/20

Out: -235.307+/-1.345 χ^2/NDF :2724.4/24

All: -248.269+/-1.018 χ^2/NDF : 3964.5/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 $\chi^2/\text{NDF}: 674.9/16$

Left Out: -68.612 ± 1.463 $\chi^2/\text{NDF}: 333.4/5$

Right Out: -84.124 ± 1.259 $\chi^2/\text{NDF}: 782.9/18$

Left In: -74.778 ± 1.928 $\chi^2/\text{NDF}: 67.0/3$

Left: -70.866 ± 1.165 $\chi^2/\text{NDF}: 407.0/9$

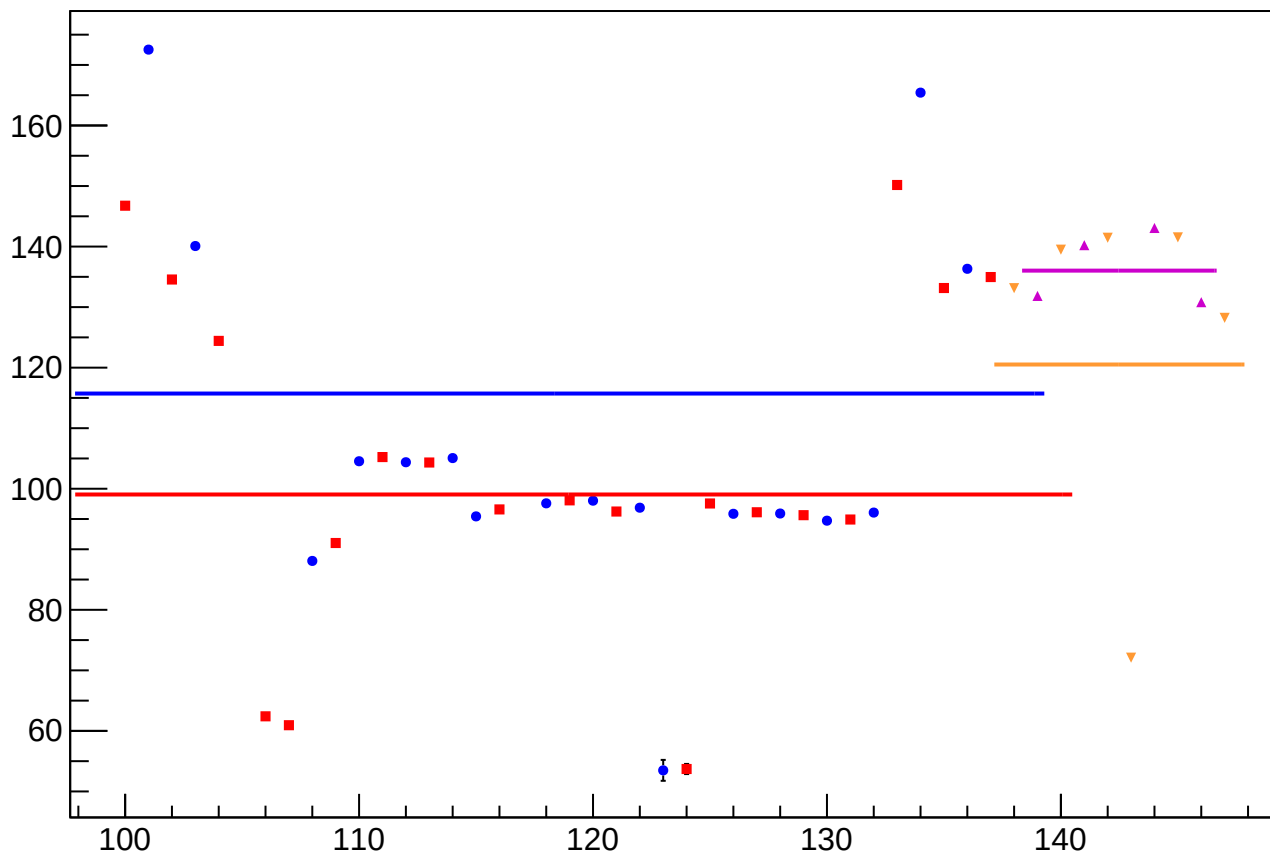
Right: -89.357 ± 0.912 $\chi^2/\text{NDF}: 1494.2/35$

In: -88.621 ± 1.091 $\chi^2/\text{NDF}: 817.8/20$

Out: -77.526 ± 0.954 $\chi^2/\text{NDF}: 1180.9/24$

All: -82.337 ± 0.718 $\chi^2/\text{NDF}: 2057.3/45$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 120.519 $\pm$ 0.076 χ^2 /NDF:135492.3/5

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

Left In: 136.027 $\pm$ 0.093 χ^2 /NDF:3144.2/3

Left: 126.729 $\pm$ 0.059 χ^2 /NDF: 155481.1/9

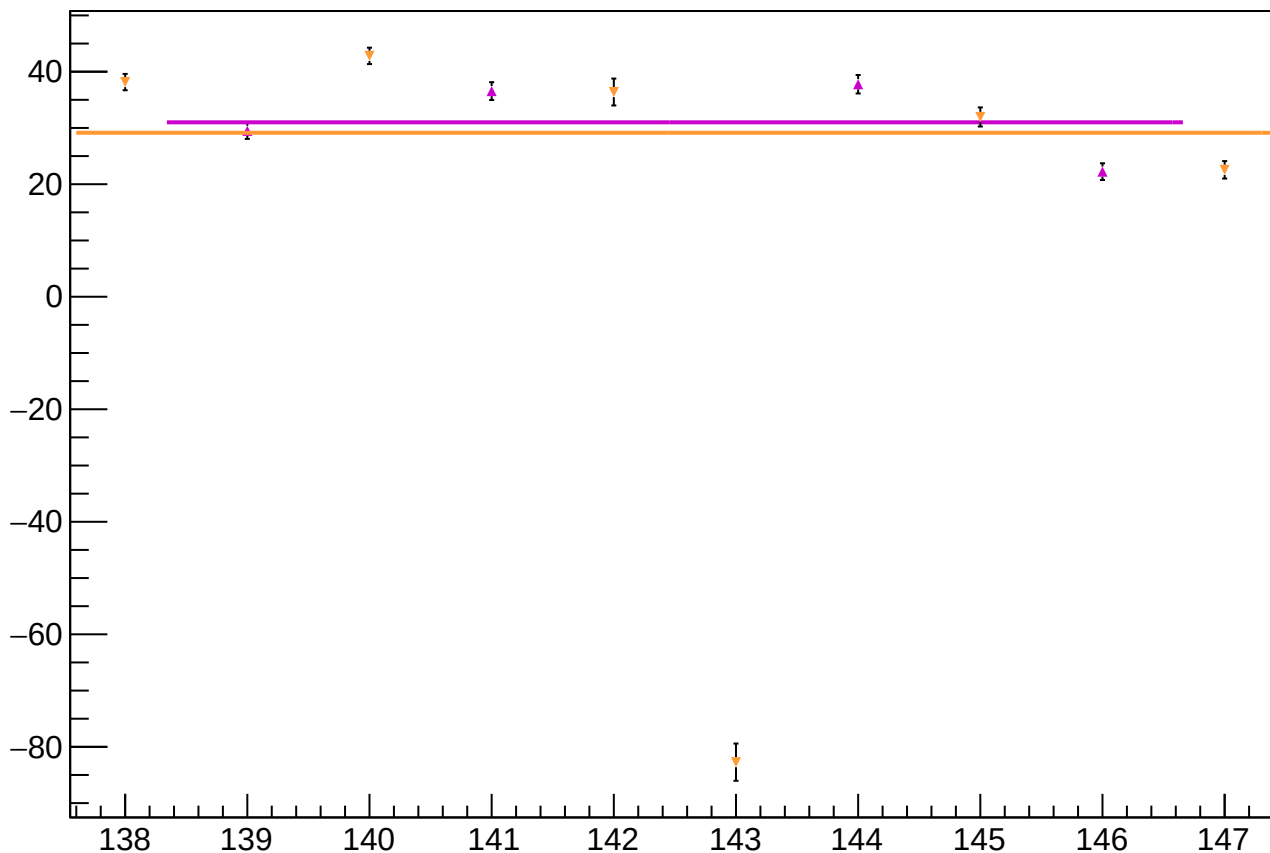
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 124.156 $\pm$ 0.060 χ^2 /NDF:137687.6/20

Out: 108.728 $\pm$ 0.051 χ^2 /NDF:353236.5/24

All: 115.212 $\pm$ 0.039 χ^2 /NDF: 529739.0/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.143+/-0.712 χ^2/NDF :1298.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.000+/-0.765 χ^2/NDF :65.1/3

Left: 30.005+/-0.521 χ^2/NDF : 1366.3/9

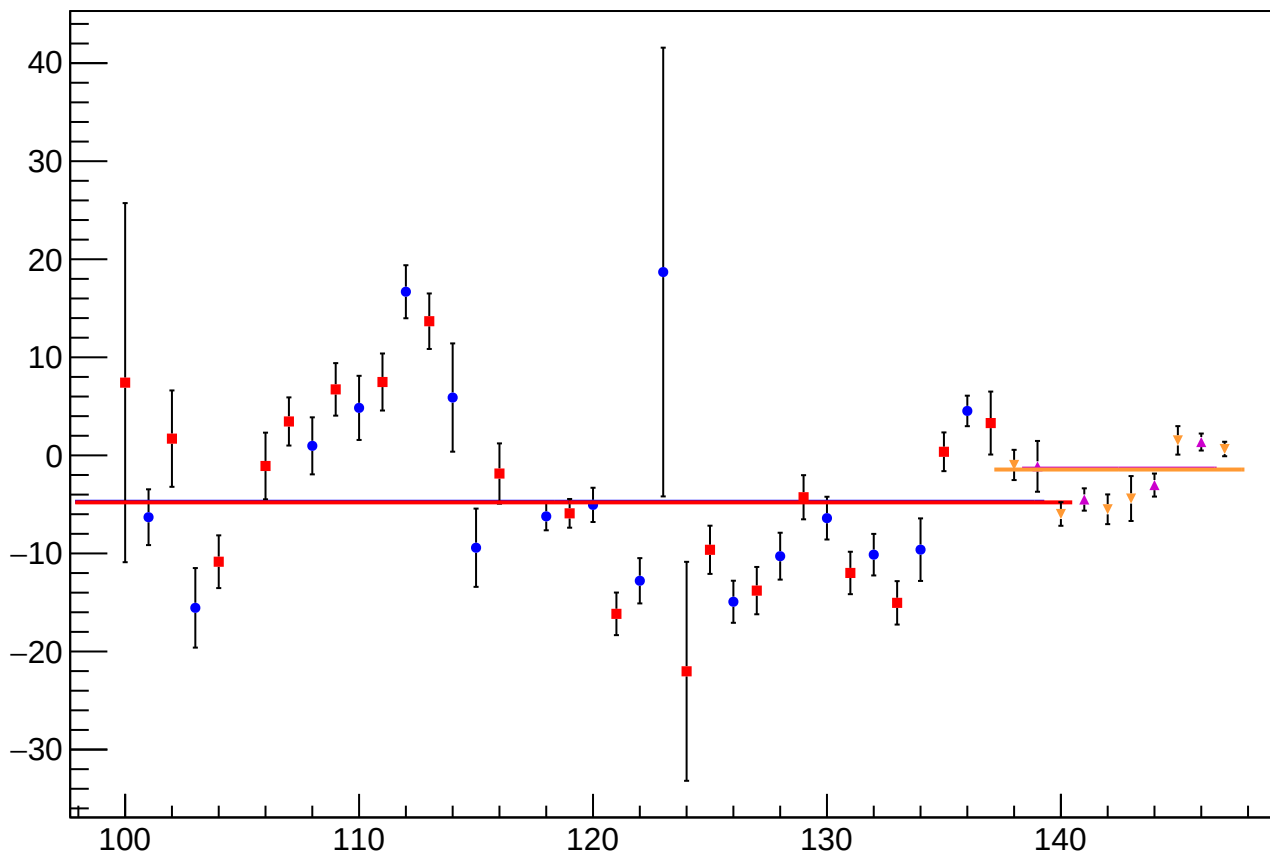
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.000+/-0.765 χ^2/NDF :65.1/3

Out: 29.143+/-0.712 χ^2/NDF :1298.0/5

All: 30.005+/-0.521 χ^2/NDF : 1366.3/9

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.444 ± 0.497 χ^2/NDF : 35.3/5

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: -1.351 ± 0.579 χ^2/NDF : 19.5/3

Left: -1.404 ± 0.377 χ^2/NDF : 54.8/9

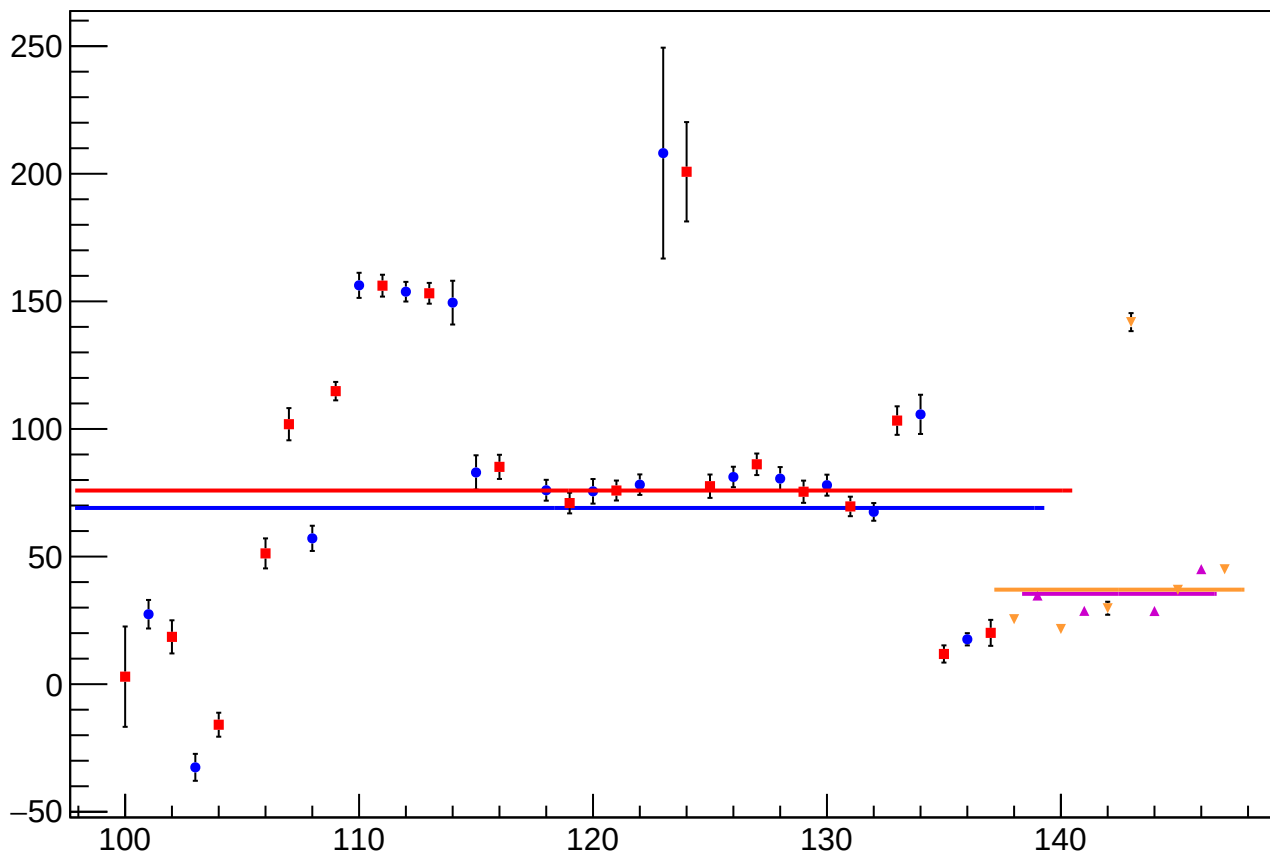
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -3.040 ± 0.410 χ^2/NDF : 211.3/20

Out: -2.846 ± 0.379 χ^2/NDF : 247.8/24

All: -2.935 ± 0.278 χ^2/NDF : 459.3/45

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 +/- 1.077 χ^2/NDF : 1847.9/16

Left Out: 37.039 +/- 0.736 χ^2/NDF : 1070.9/5

Right Out: 75.878 +/- 1.069 χ^2/NDF : 1895.0/18

Left In: 35.401 +/- 0.794 χ^2/NDF : 76.8/3

Left: 36.281 +/- 0.540 χ^2/NDF : 1150.0/9

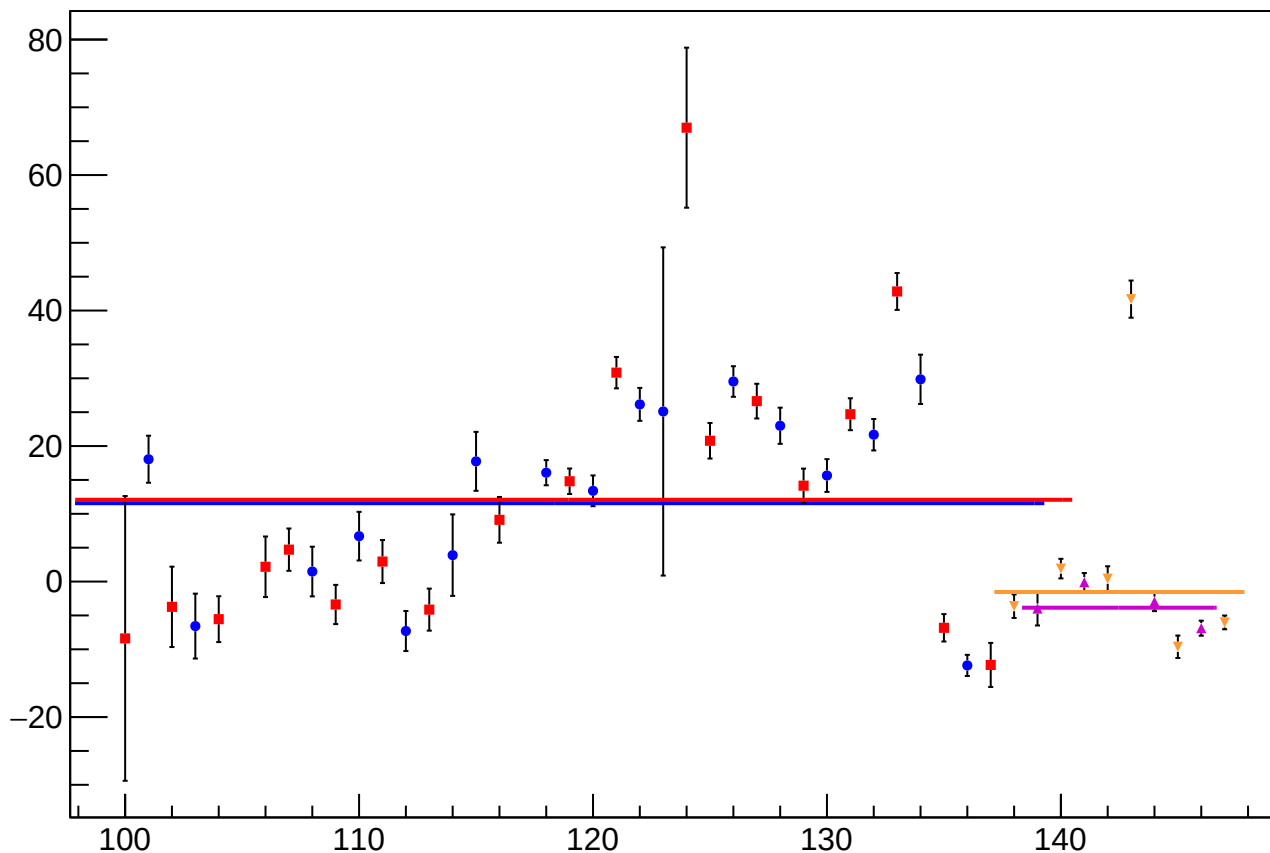
Right: 72.486 +/- 0.759 χ^2/NDF : 3763.1/35

In: 47.253 +/- 0.639 χ^2/NDF : 2557.3/20

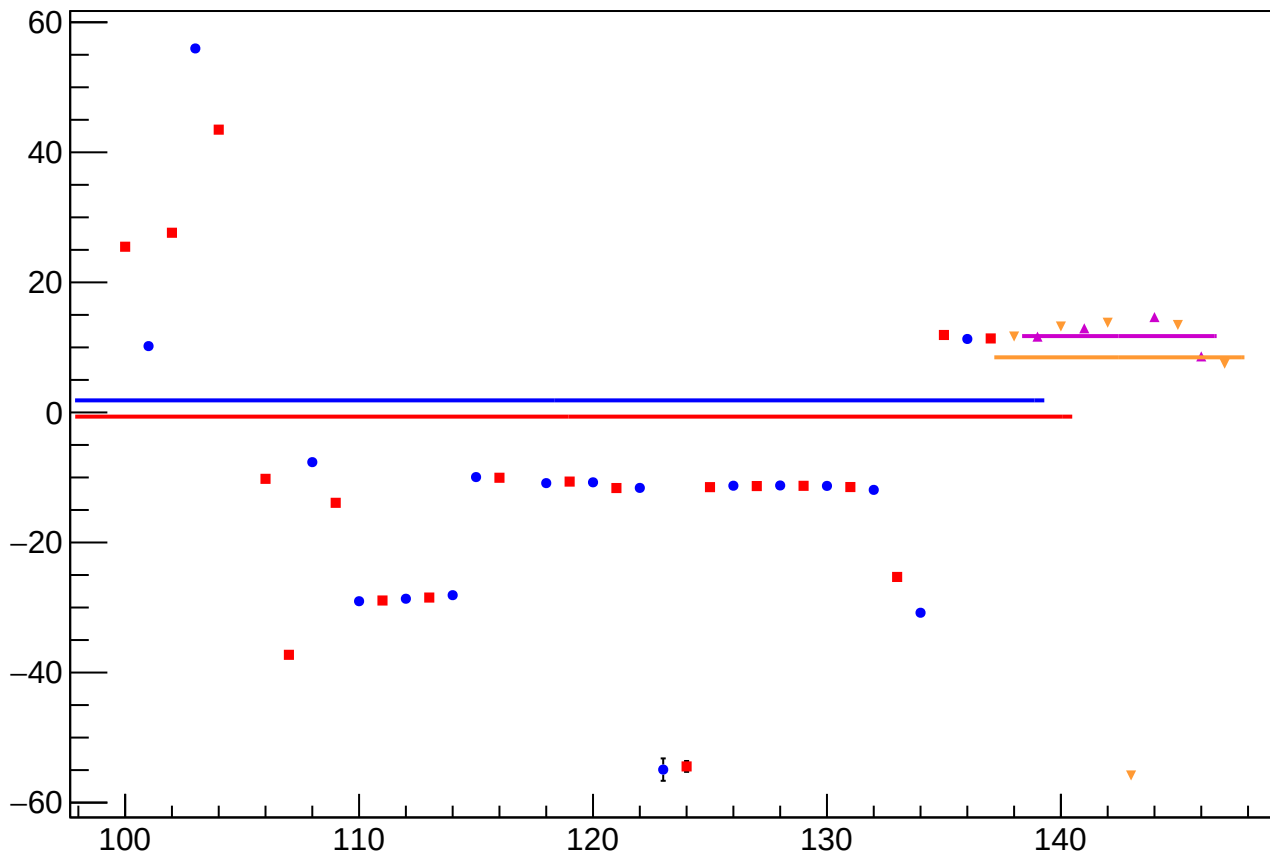
Out: 49.531 +/- 0.607 χ^2/NDF : 3860.5/24

All: 48.451 +/- 0.440 χ^2/NDF : 6424.5/45

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 ± 0.037 $\chi^2/\text{NDF}: 359414.1/16$

Left Out: 8.474 ± 0.031 $\chi^2/\text{NDF}: 221947.6/5$

Right Out: -0.644 ± 0.037 $\chi^2/\text{NDF}: 361625.7/18$

Left In: 11.740 ± 0.032 $\chi^2/\text{NDF}: 4030.0/3$

Left: 10.026 ± 0.022 $\chi^2/\text{NDF}: 231309.4/9$

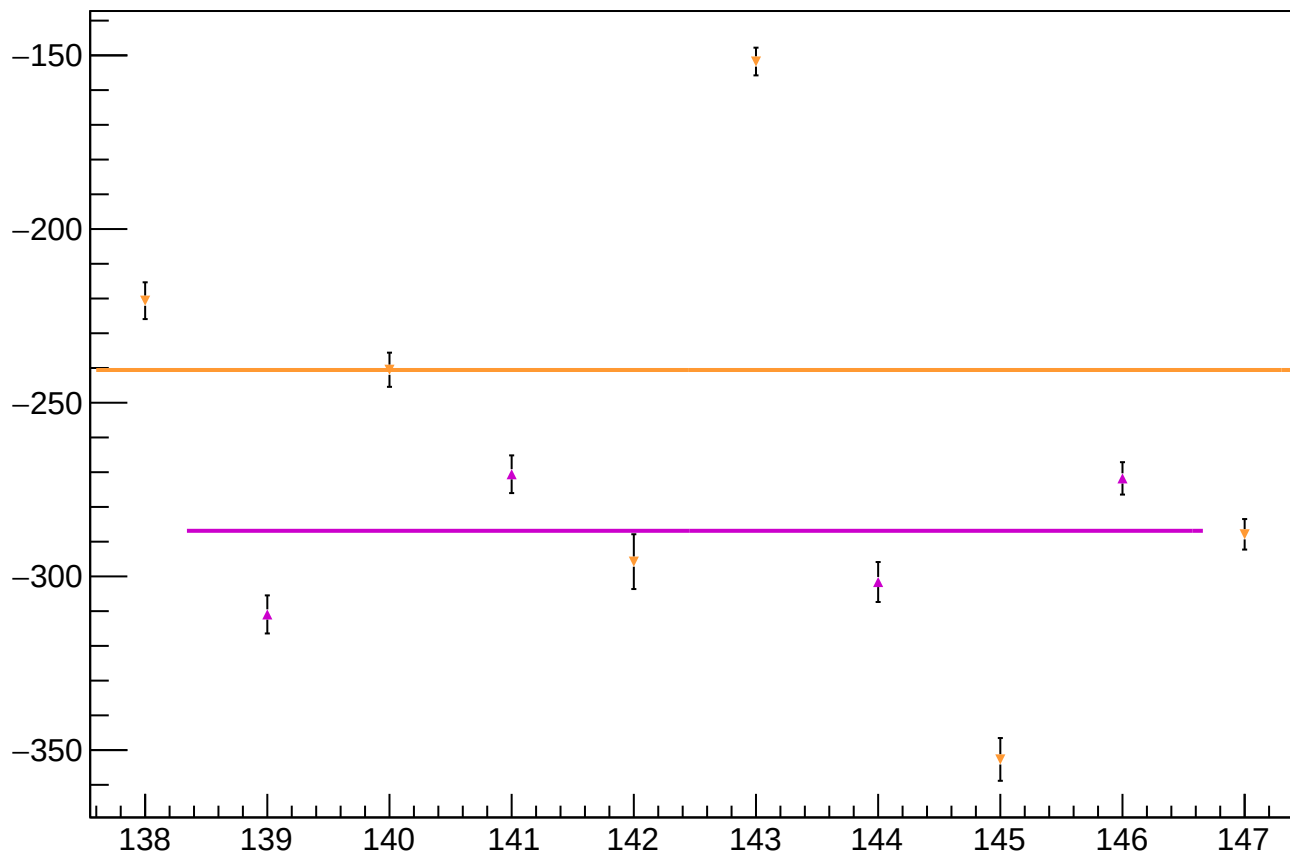
Right: 0.608 ± 0.026 $\chi^2/\text{NDF}: 723318.4/35$

In: 7.449 ± 0.024 $\chi^2/\text{NDF}: 403841.6/20$

Out: 4.742 ± 0.024 $\chi^2/\text{NDF}: 619347.5/24$

All: 6.058 ± 0.017 $\chi^2/\text{NDF}: 1029528.1/45$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -240.575+/-2.067 χ^2/NDF :1006.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -286.871+/-2.640 χ^2/NDF :45.3/3

Left: -258.168+/-1.628 χ^2/NDF : 1242.1/9

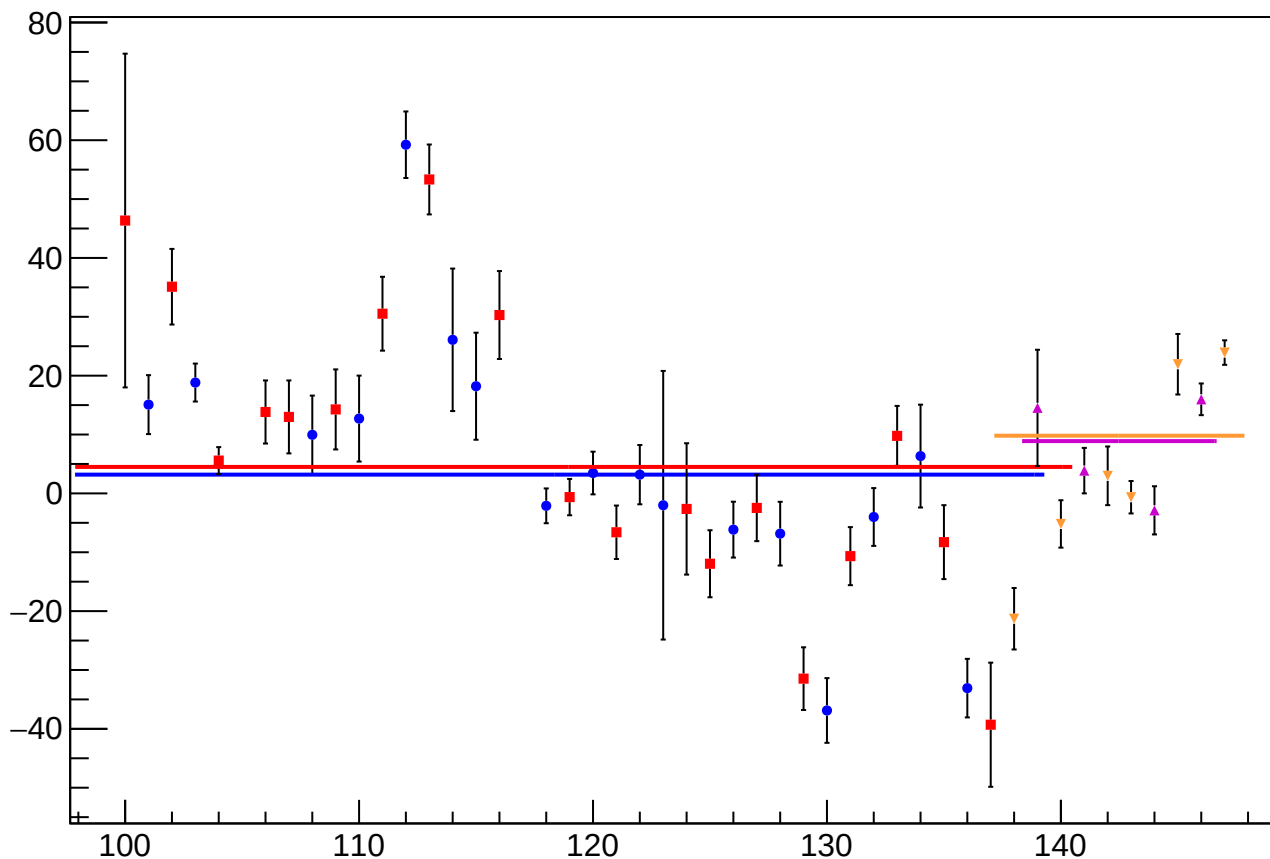
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.871+/-2.640 χ^2/NDF :45.3/3

Out: -240.575+/-2.067 χ^2/NDF :1006.1/5

All: -258.168+/-1.628 χ^2/NDF : 1242.1/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 $\chi^2/\text{NDF}: 255.6/16$

Left Out: 9.801 ± 1.362 $\chi^2/\text{NDF}: 117.1/5$

Right Out: 4.497 ± 1.160 $\chi^2/\text{NDF}: 225.4/18$

Left In: 8.883 ± 1.907 $\chi^2/\text{NDF}: 17.2/3$

Left: 9.491 ± 1.108 $\chi^2/\text{NDF}: 134.5/9$

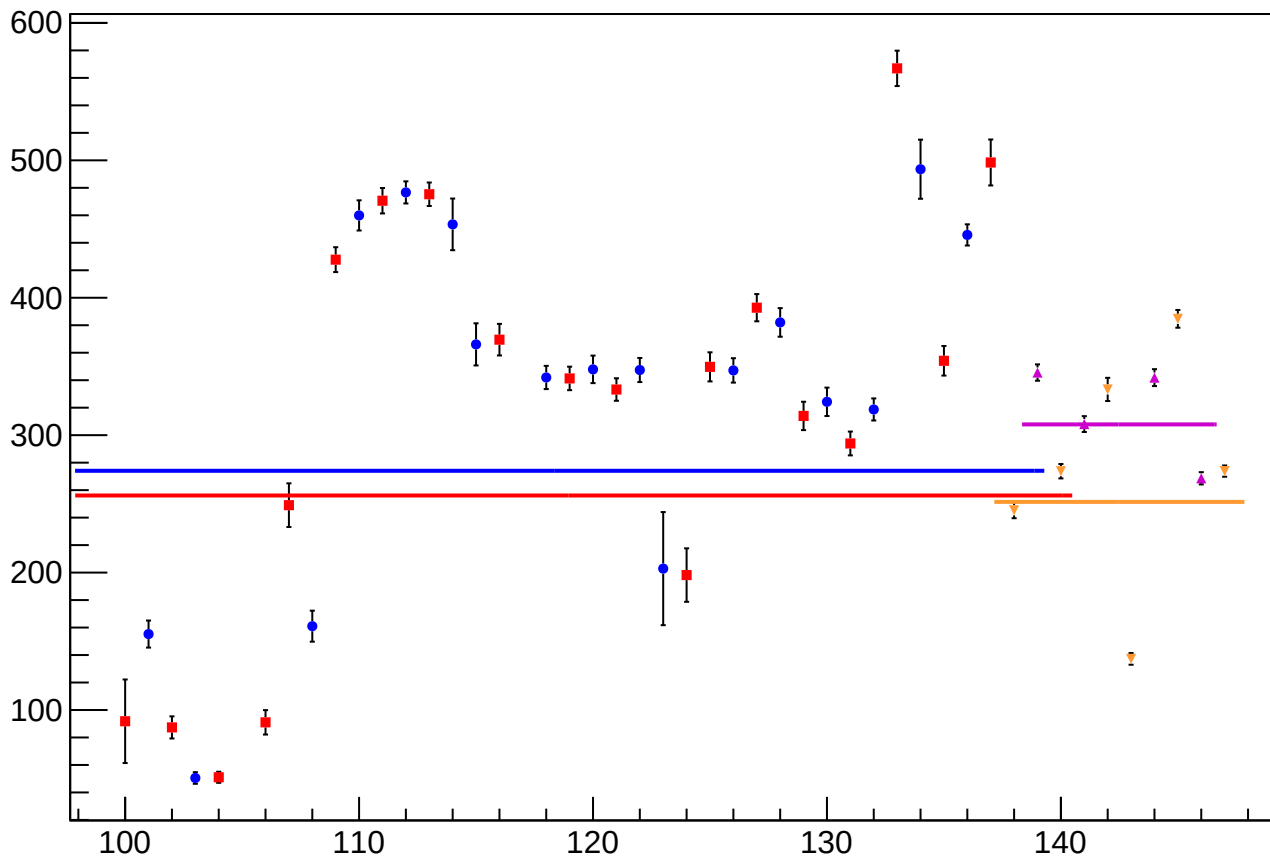
Right: 3.879 ± 0.842 $\chi^2/\text{NDF}: 481.7/35$

In: 4.852 ± 1.031 $\chi^2/\text{NDF}: 279.2/20$

Out: 6.726 ± 0.883 $\chi^2/\text{NDF}: 351.3/24$

All: 5.933 ± 0.671 $\chi^2/\text{NDF}: 632.4/45$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 251.445 $\pm$ 2.135 χ^2 /NDF:1288.6/5

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

Left In: 307.835 $\pm$ 2.719 χ^2 /NDF:148.6/3

Left: 272.956 $\pm$ 1.679 χ^2 /NDF: 1703.2/9

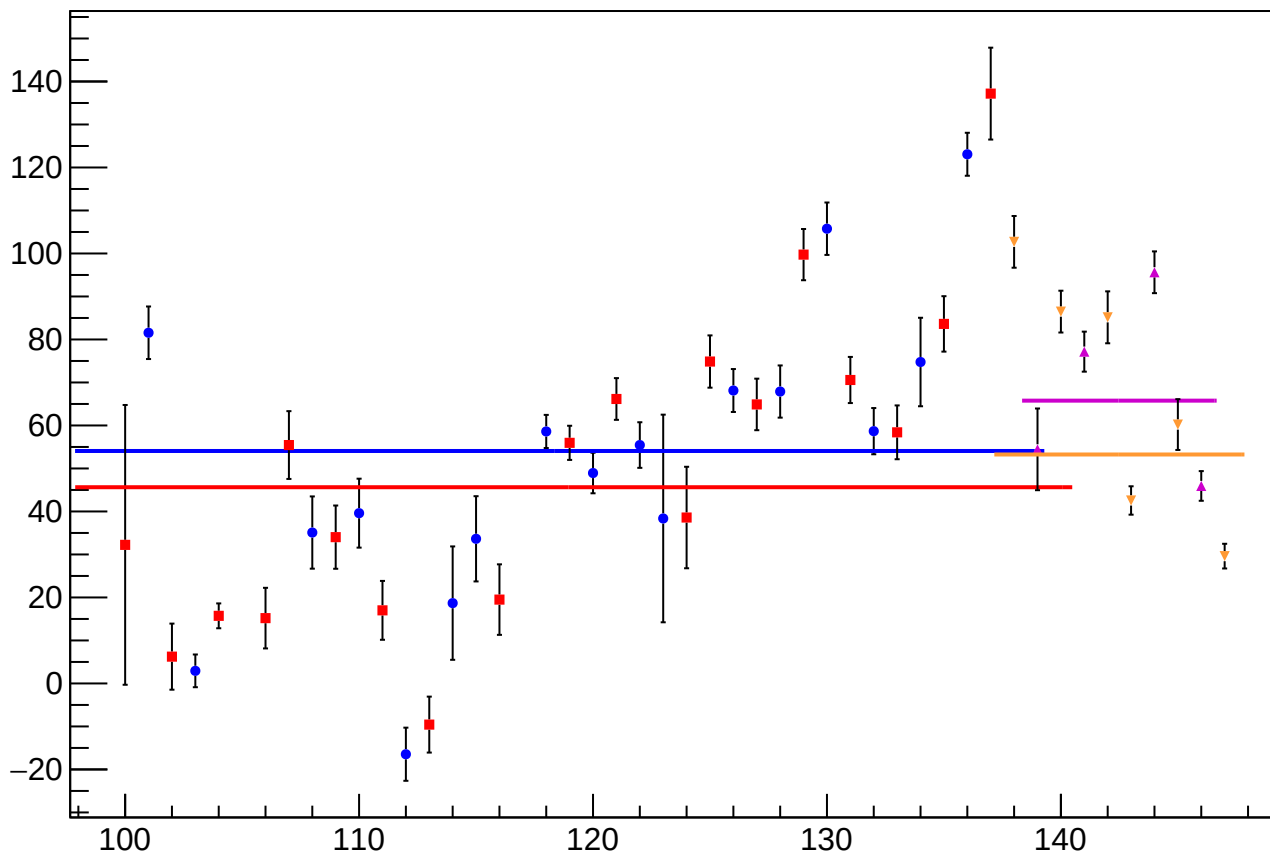
Right: 264.628 $\pm$ 1.509 χ^2 /NDF: 11591.4/35

In: 287.369 $\pm$ 1.706 χ^2 /NDF:5354.0/20

Out: 253.838 $\pm$ 1.490 χ^2 /NDF:7735.1/24

All: 268.348 $\pm$ 1.122 χ^2 /NDF: 13308.3/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 53.249 $\pm$ 1.718 χ^2 /NDF:221.9/5

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 65.773 $\pm$ 2.334 χ^2 /NDF:78.2/3

Left: 57.648 $\pm$ 1.383 χ^2 /NDF: 318.8/9

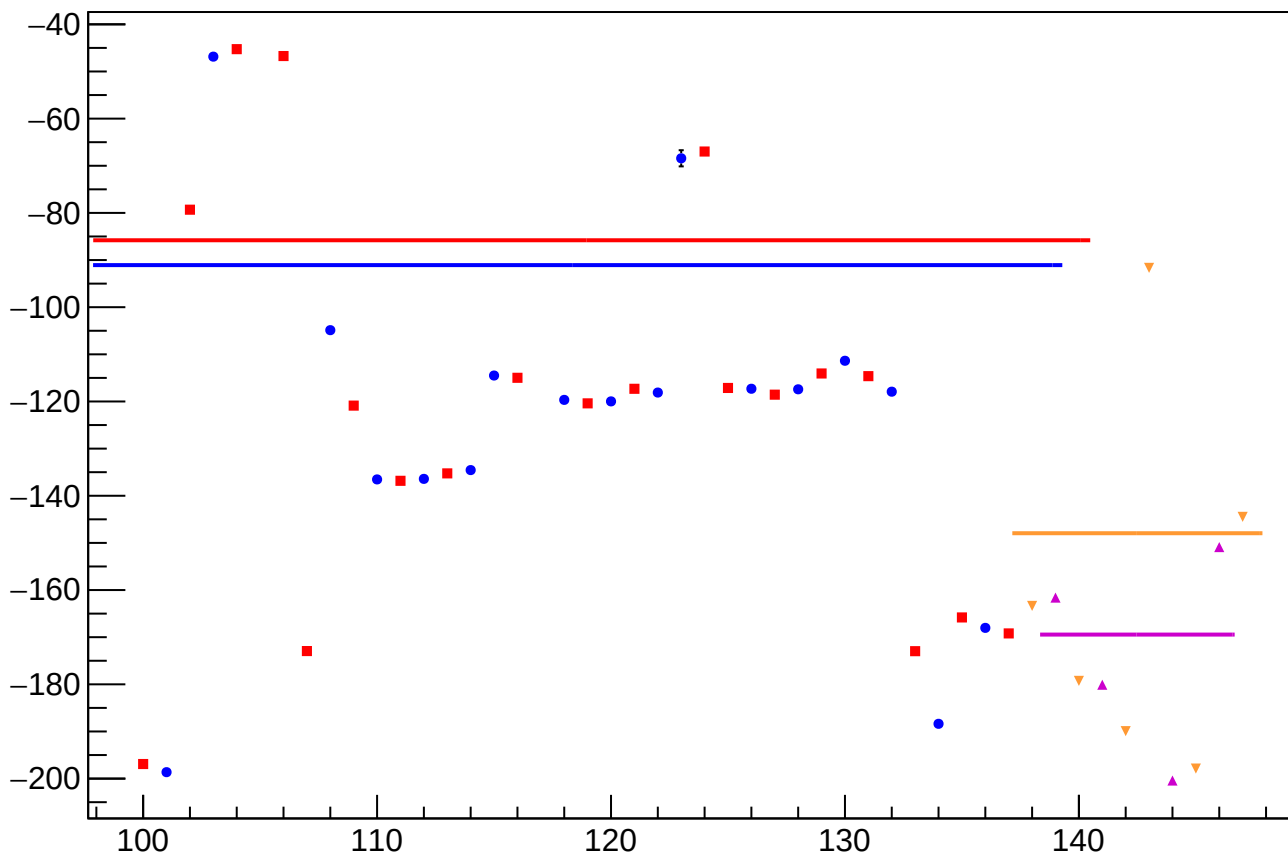
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 57.229 $\pm$ 1.213 χ^2 /NDF:731.0/20

Out: 48.568 $\pm$ 1.066 χ^2 /NDF:764.7/24

All: 52.340 $\pm$ 0.801 χ^2 /NDF: 1524.5/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -147.947+/-0.090 χ^2/NDF : 185756.4/5

Right Out: -85.803+/-0.065 χ^2/NDF : 495895.1/18

Left In: -169.448+/-0.113 χ^2/NDF : 24875.0/3

Left: -156.325+/-0.070 χ^2/NDF : 232845.2/9

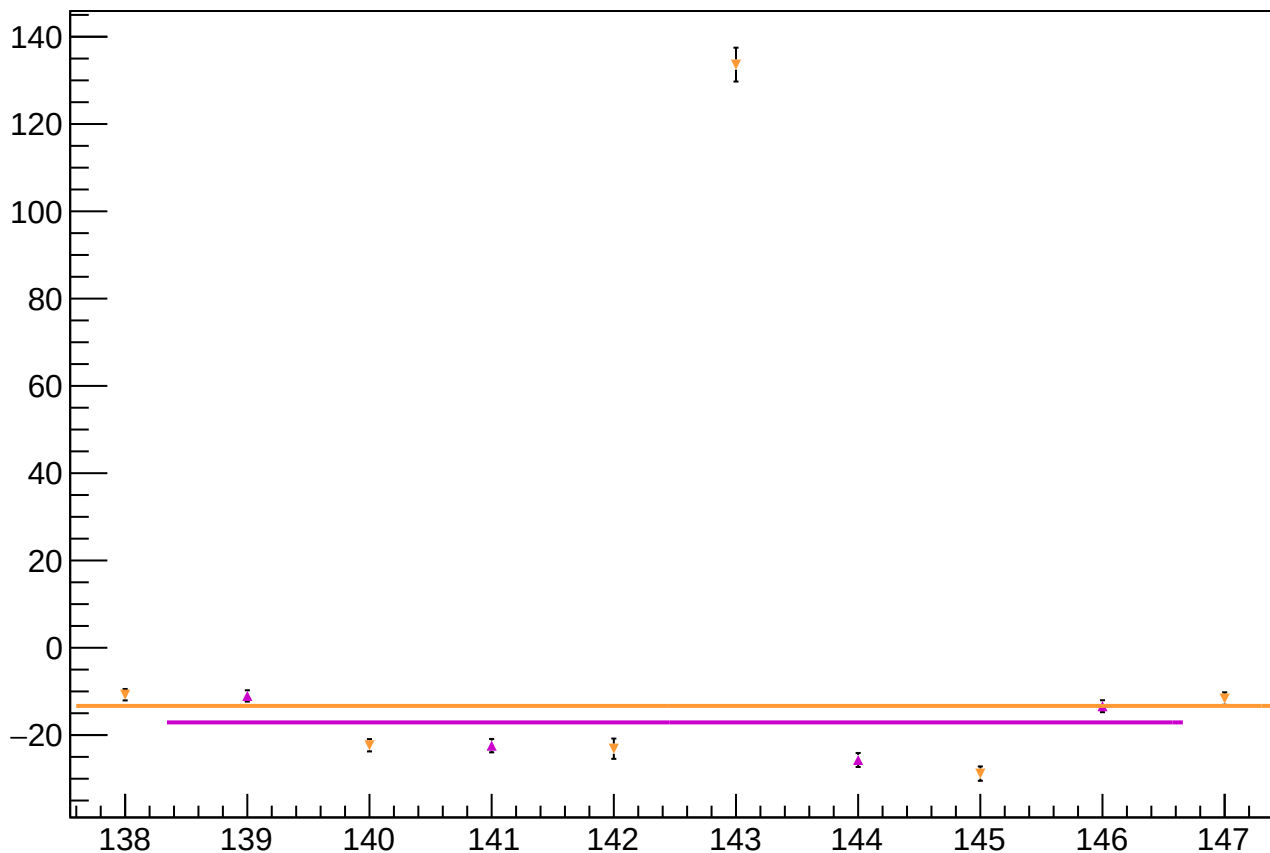
Right: -88.339+/-0.047 χ^2/NDF : 1033703.0/35

In: -111.779+/-0.058 χ^2/NDF : 915369.1/20

Out: -107.109+/-0.053 χ^2/NDF : 994646.4/24

All: -109.225+/-0.039 χ^2/NDF : 1913569.4/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.320+/-0.676 χ^2/NDF :1585.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.098+/-0.719 χ^2/NDF :69.9/3

Left: -15.094+/-0.492 χ^2/NDF : 1670.3/9

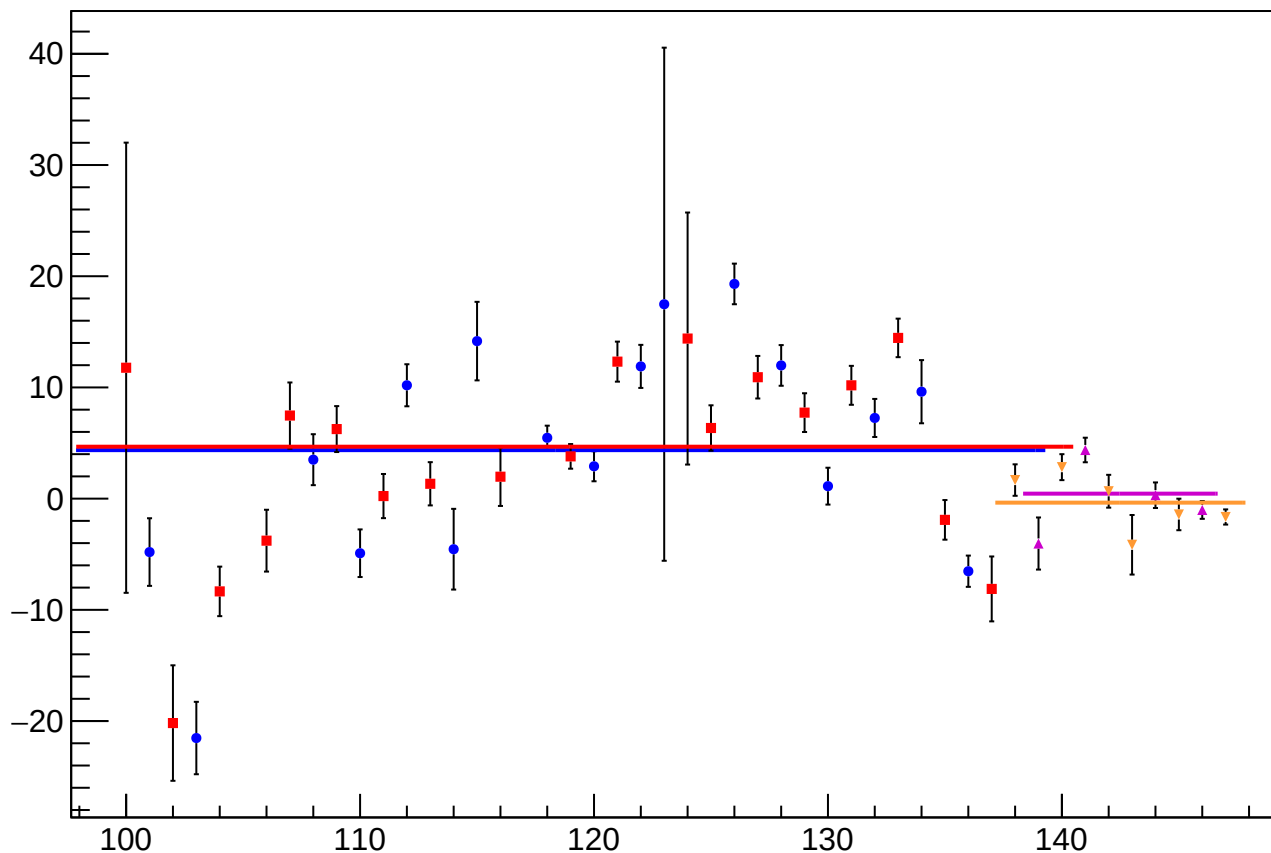
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.098+/-0.719 χ^2/NDF :69.9/3

Out: -13.320+/-0.676 χ^2/NDF :1585.7/5

All: -15.094+/-0.492 χ^2/NDF : 1670.3/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: -0.360 ± 0.472 $\chi^2/\text{NDF}: 16.2/5$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

Left In: 0.448 ± 0.549 $\chi^2/\text{NDF}: 19.7/3$

Left: -0.016 ± 0.358 $\chi^2/\text{NDF}: 37.1/9$

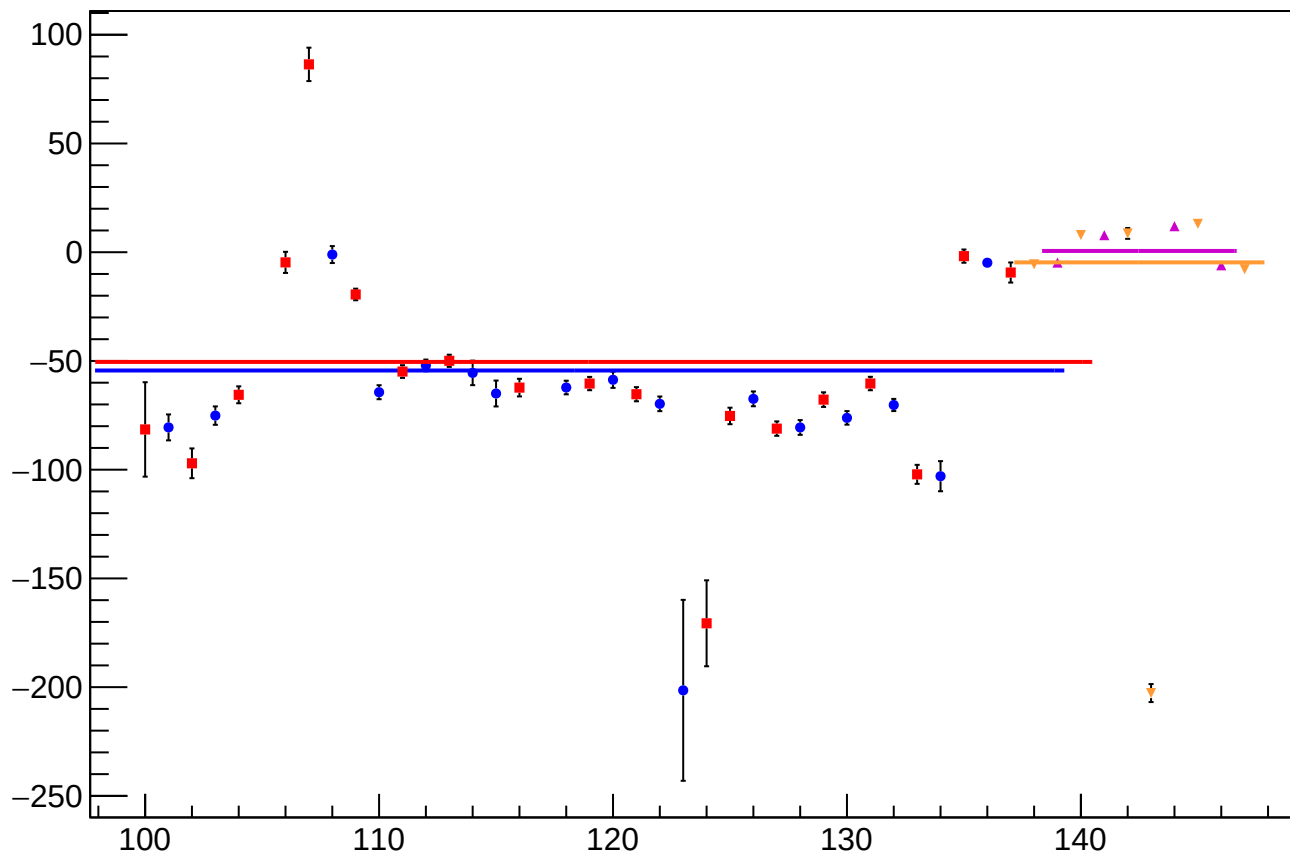
Right: 4.512 ± 0.332 $\chi^2/\text{NDF}: 472.1/35$

In: 2.728 ± 0.354 $\chi^2/\text{NDF}: 335.8/20$

Out: 2.146 ± 0.335 $\chi^2/\text{NDF}: 258.0/24$

All: 2.420 ± 0.243 $\chi^2/\text{NDF}: 595.3/45$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -4.680 ± 0.698 χ^2/NDF : 2496.7/5

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

Left In: 0.585 ± 0.745 χ^2/NDF : 103.3/3

Left: -2.219 ± 0.509 χ^2/NDF : 2626.6/9

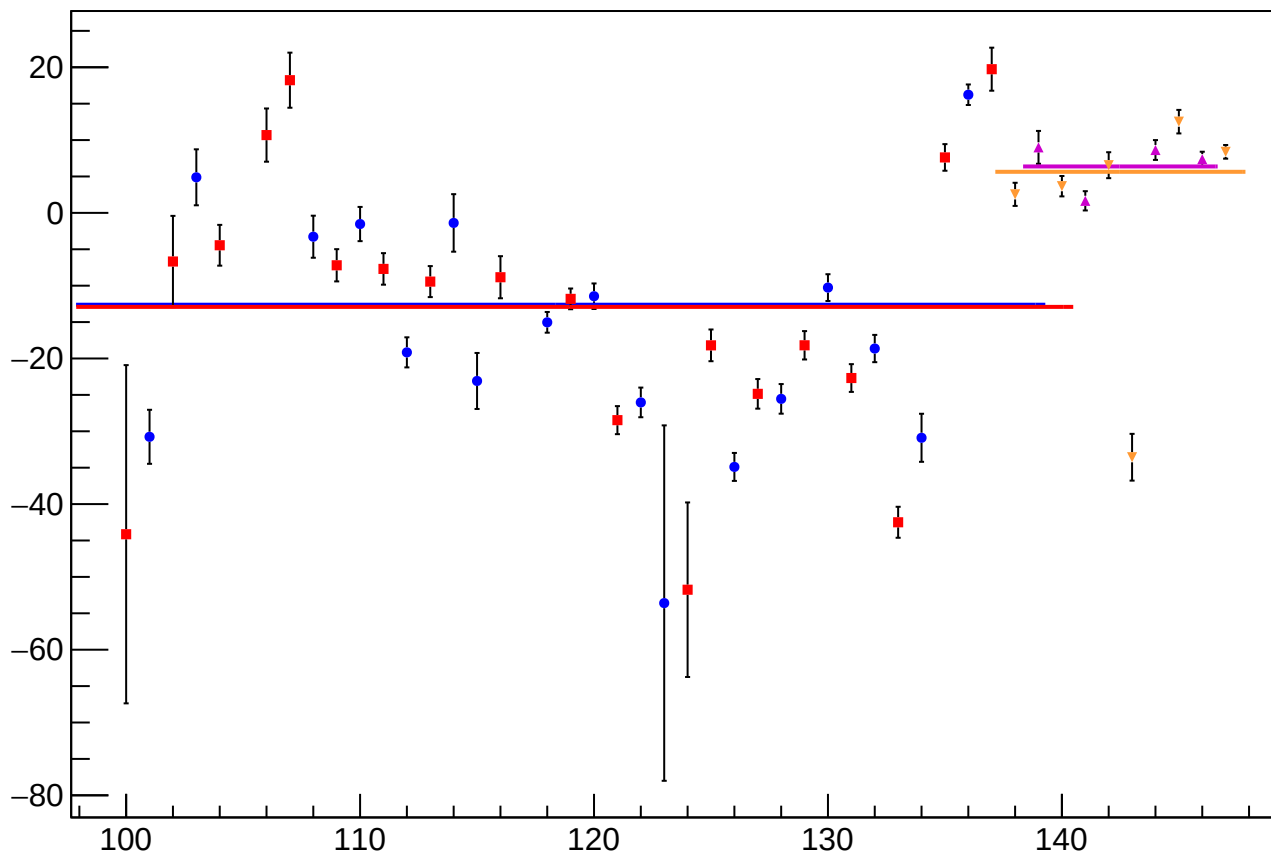
Right: -52.405 ± 0.608 χ^2/NDF : 2348.7/35

In: -22.908 ± 0.564 χ^2/NDF : 3443.4/20

Out: -22.925 ± 0.541 χ^2/NDF : 5534.3/24

All: -22.917 ± 0.391 χ^2/NDF : 8977.7/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 5.642 ± 0.594 χ^2/NDF : 181.7/5

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 6.375 ± 0.665 χ^2/NDF : 17.8/3

Left: 5.967 ± 0.443 χ^2/NDF : 200.2/9

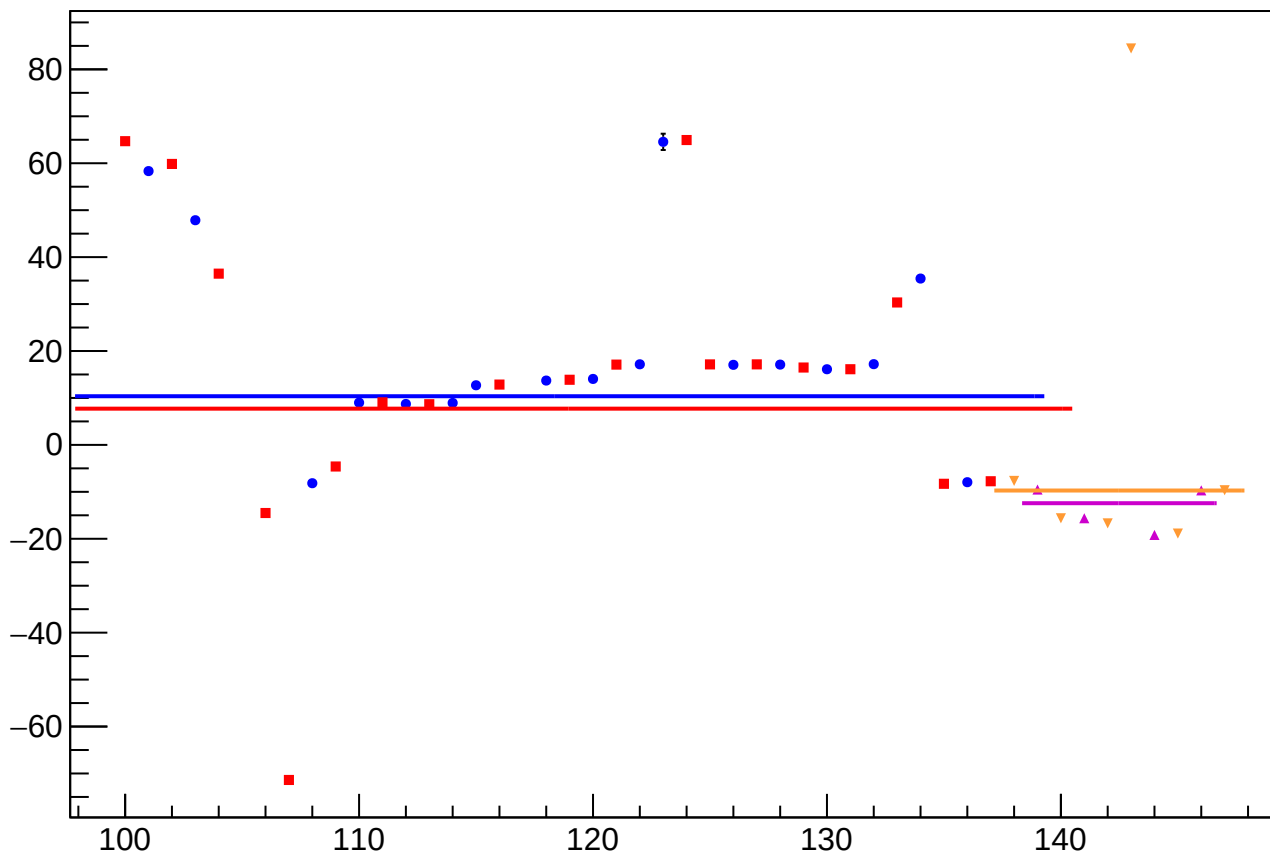
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -5.237 ± 0.415 χ^2/NDF : 1304.5/20

Out: -4.545 ± 0.399 χ^2/NDF : 1448.0/24

All: -4.877 ± 0.287 χ^2/NDF : 2754.0/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366 $\pm$ 0.031 χ^2 /NDF: 381003.5/16

Left Out: -9.720 $\pm$ 0.029 χ^2 /NDF:354315.1/5

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

Left In: -12.422 $\pm$ 0.030 χ^2 /NDF:15938.4/3

Left: -11.023 $\pm$ 0.021 χ^2 /NDF: 374370.5/9

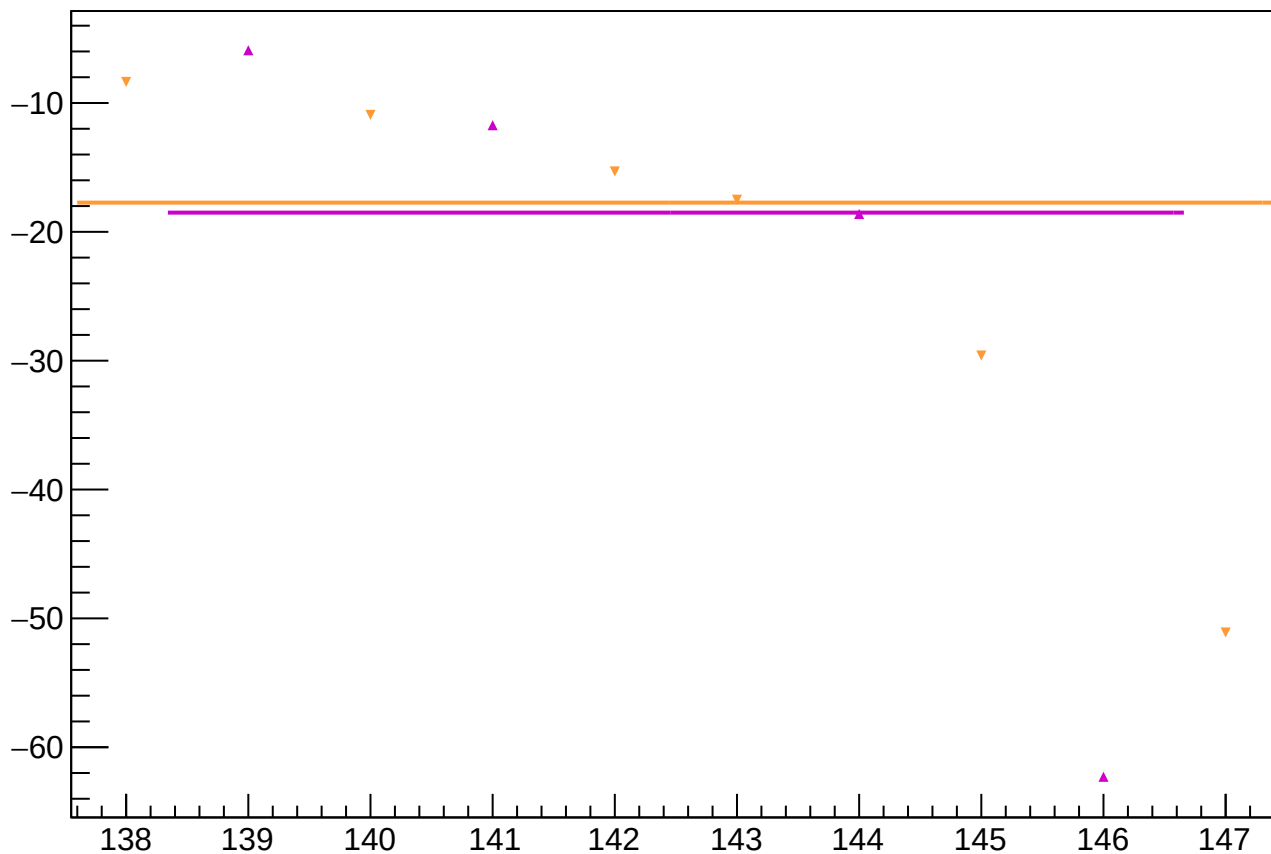
Right: 9.073 $\pm$ 0.022 χ^2 /NDF: 929756.2/35

In: -1.115 $\pm$ 0.022 χ^2 /NDF:677515.4/20

Out: -1.583 $\pm$ 0.021 χ^2 /NDF:1065460.5/24

All: -1.351 $\pm$ 0.015 χ^2 /NDF: 1743213.8/45

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.731+/-0.113 χ^2/NDF :13600.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.509+/-0.122 χ^2/NDF :24338.8/3

Left: -18.090+/-0.083 χ^2/NDF : 37961.3/9

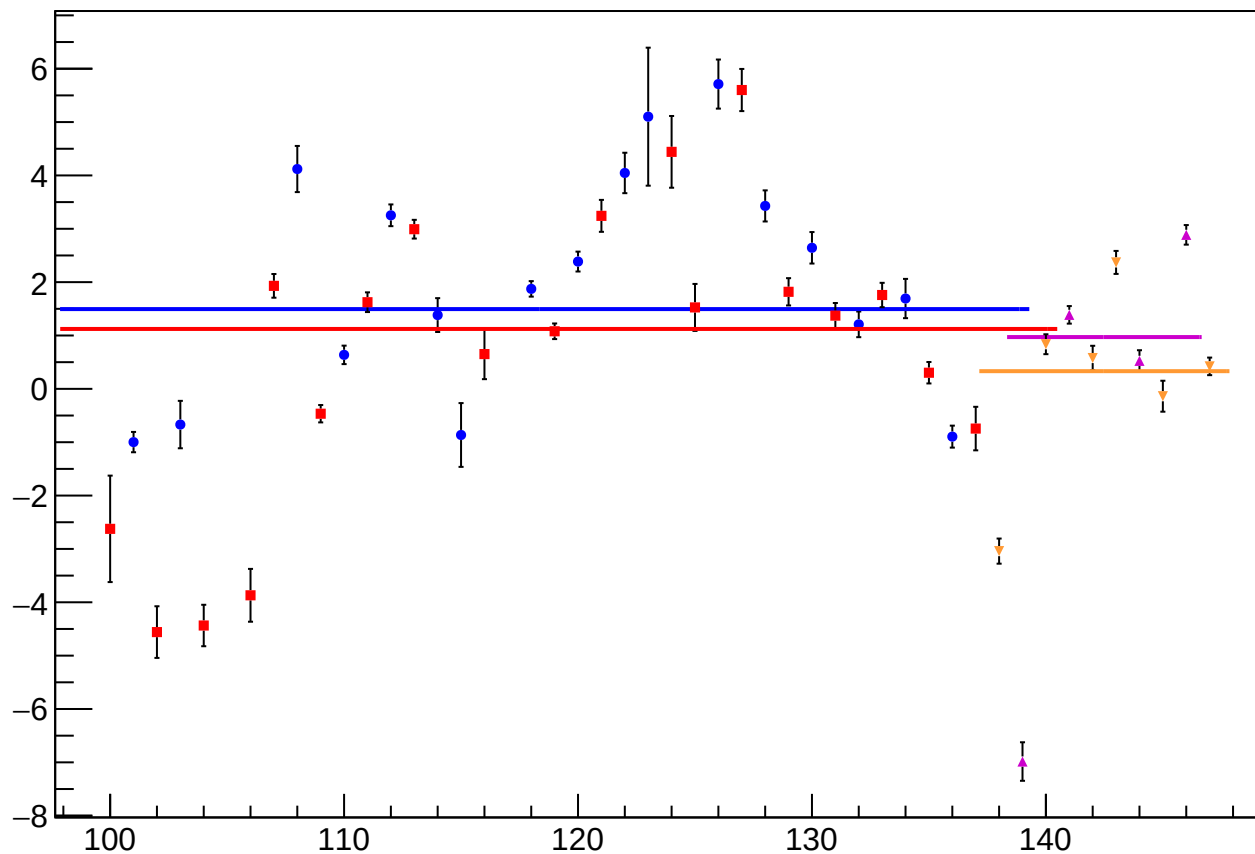
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.509+/-0.122 χ^2/NDF :24338.8/3

Out: -17.731+/-0.113 χ^2/NDF :13600.6/5

All: -18.090+/-0.083 χ^2/NDF : 37961.3/9

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 0.331 ± 0.086 χ^2/NDF : 306.1/5

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

Left In: 0.971 ± 0.100 χ^2/NDF : 605.8/3

Left: 0.601 ± 0.065 χ^2/NDF : 935.4/9

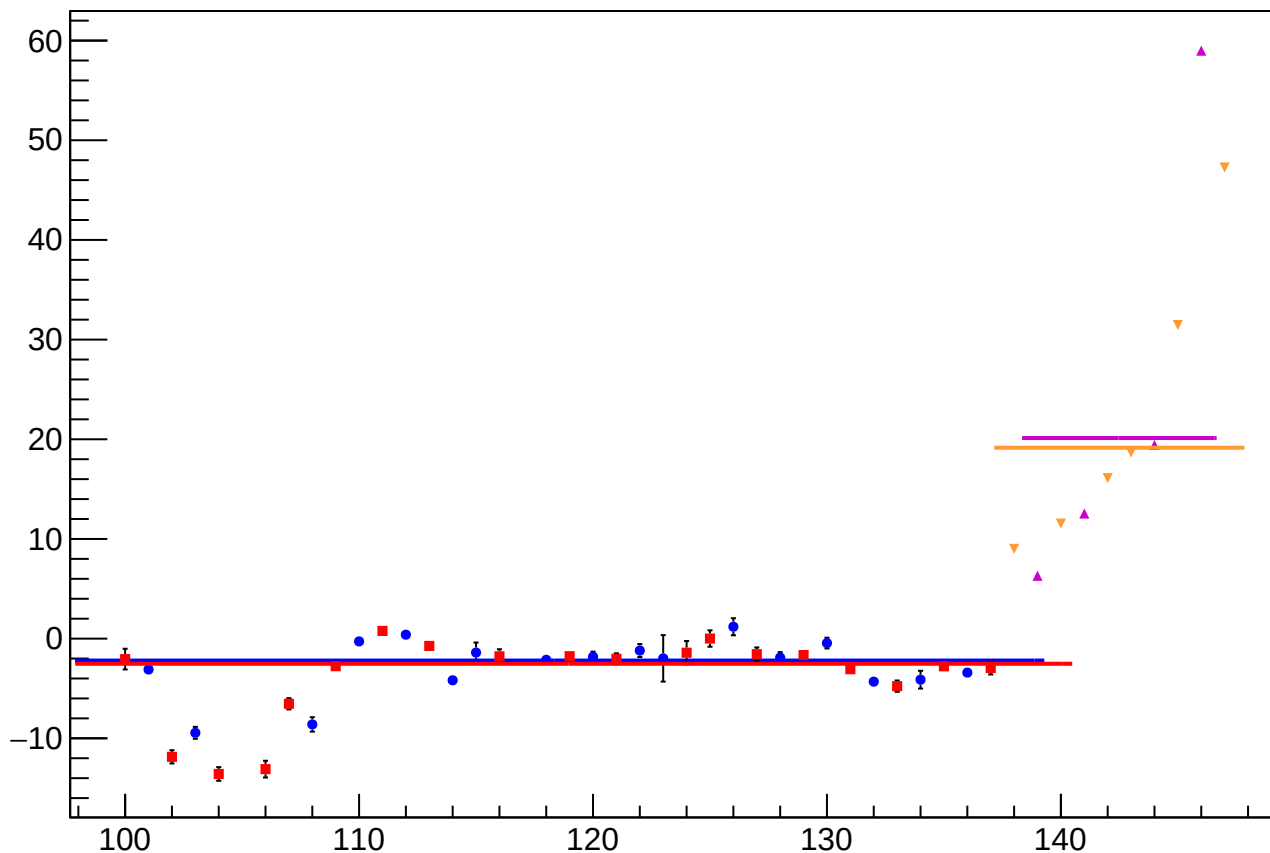
Right: 1.300 ± 0.042 χ^2/NDF : 1674.8/35

In: 1.353 ± 0.052 χ^2/NDF : 1334.6/20

Out: 0.873 ± 0.048 χ^2/NDF : 1310.9/24

All: 1.094 ± 0.035 χ^2/NDF : 2691.2/45

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 19.151 ± 0.119 χ^2/NDF : 11918.7/5

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 20.125 ± 0.128 χ^2/NDF : 21872.4/3

Left: 19.601 ± 0.087 χ^2/NDF : 33822.1/9

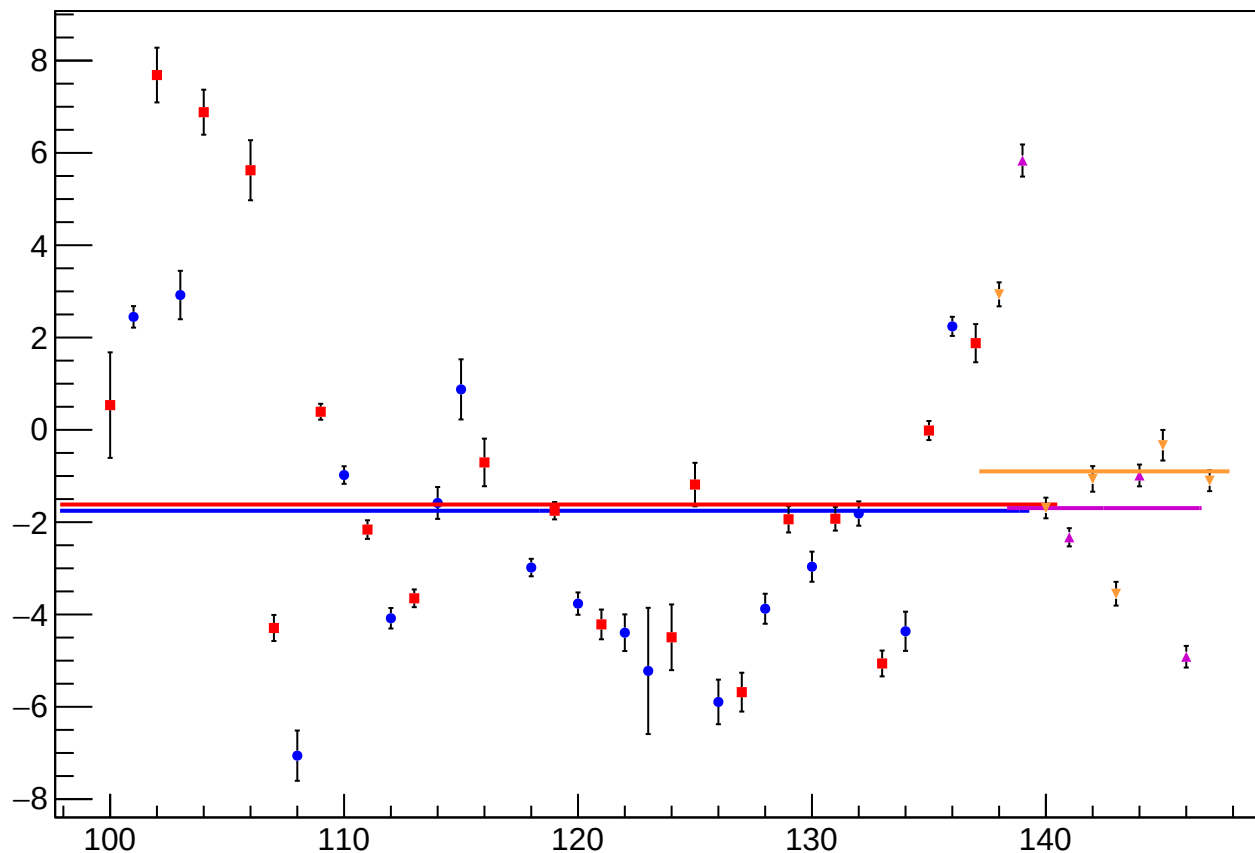
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: 7.307 ± 0.084 χ^2/NDF : 39688.3/20

Out: 6.333 ± 0.076 χ^2/NDF : 32417.2/24

All: 6.773 ± 0.056 χ^2/NDF : 72179.4/45

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -0.899 ± 0.104 χ^2/NDF : 340.7/5

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: -1.695 ± 0.119 χ^2/NDF : 676.6/3

Left: -1.244 ± 0.079 χ^2/NDF : 1042.5/9

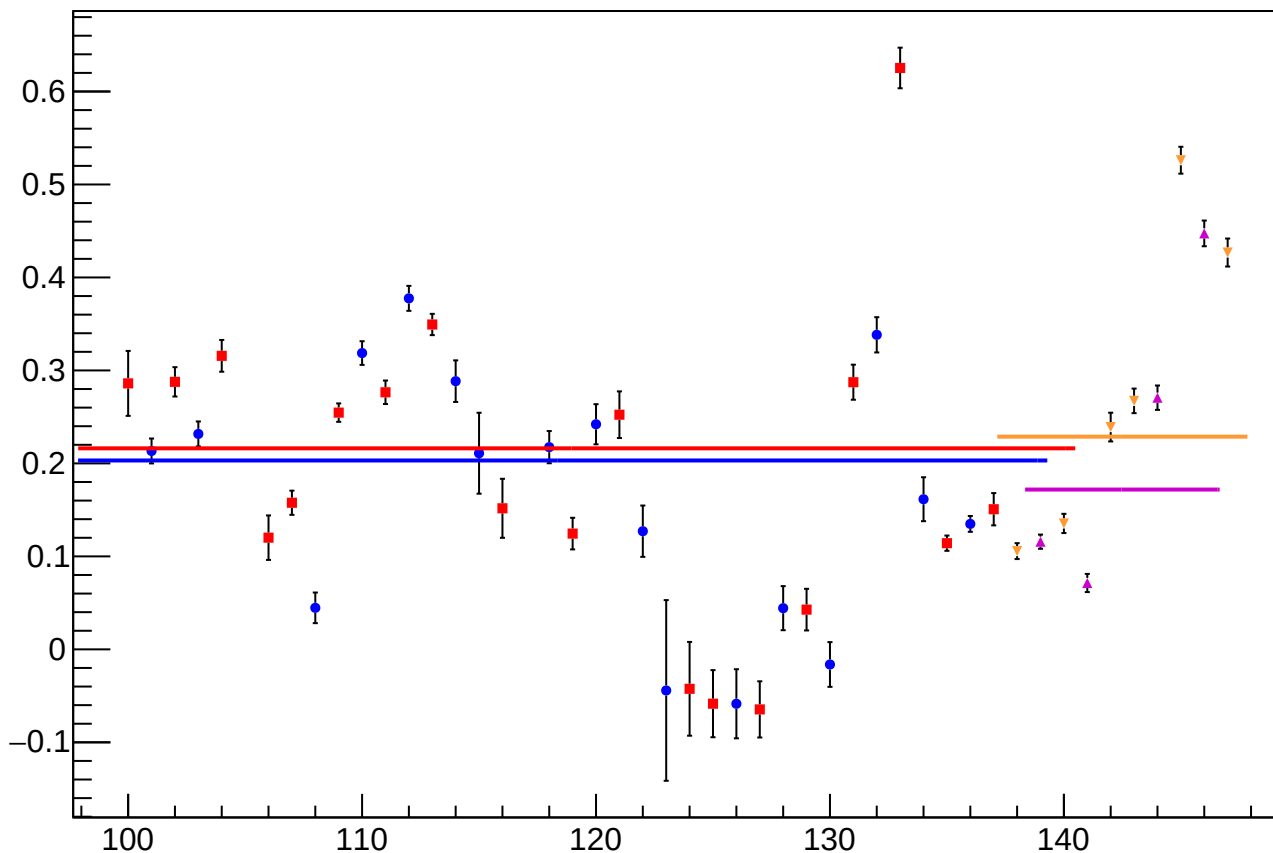
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.738 ± 0.061 χ^2/NDF : 2021.8/20

Out: -1.414 ± 0.056 χ^2/NDF : 1862.1/24

All: -1.562 ± 0.041 χ^2/NDF : 3899.5/45

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 677.2/16

Left Out: 0.229 $\pm$ 0.005 χ^2 /NDF:894.3/5

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1067.3/18

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:613.7/3

Left: 0.202 $\pm$ 0.004 χ^2 /NDF: 1573.3/9

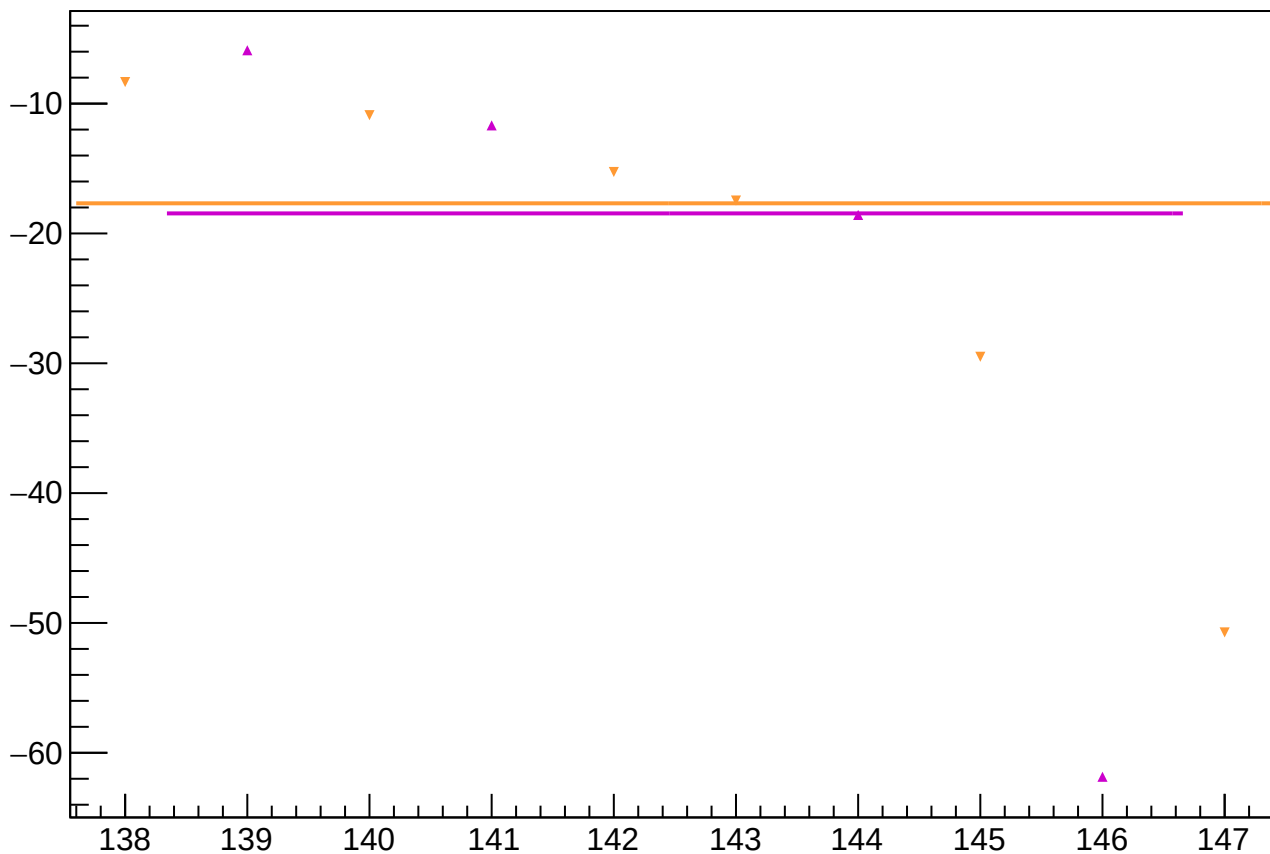
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1750.0/35

In: 0.191 $\pm$ 0.003 χ^2 /NDF:1313.6/20

Out: 0.221 $\pm$ 0.003 χ^2 /NDF:1965.8/24

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3327.3/45

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.679+/-0.112 χ^2/NDF :13576.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.456+/-0.121 χ^2/NDF :24293.2/3

Left: -18.038+/-0.082 χ^2/NDF : 37891.4/9

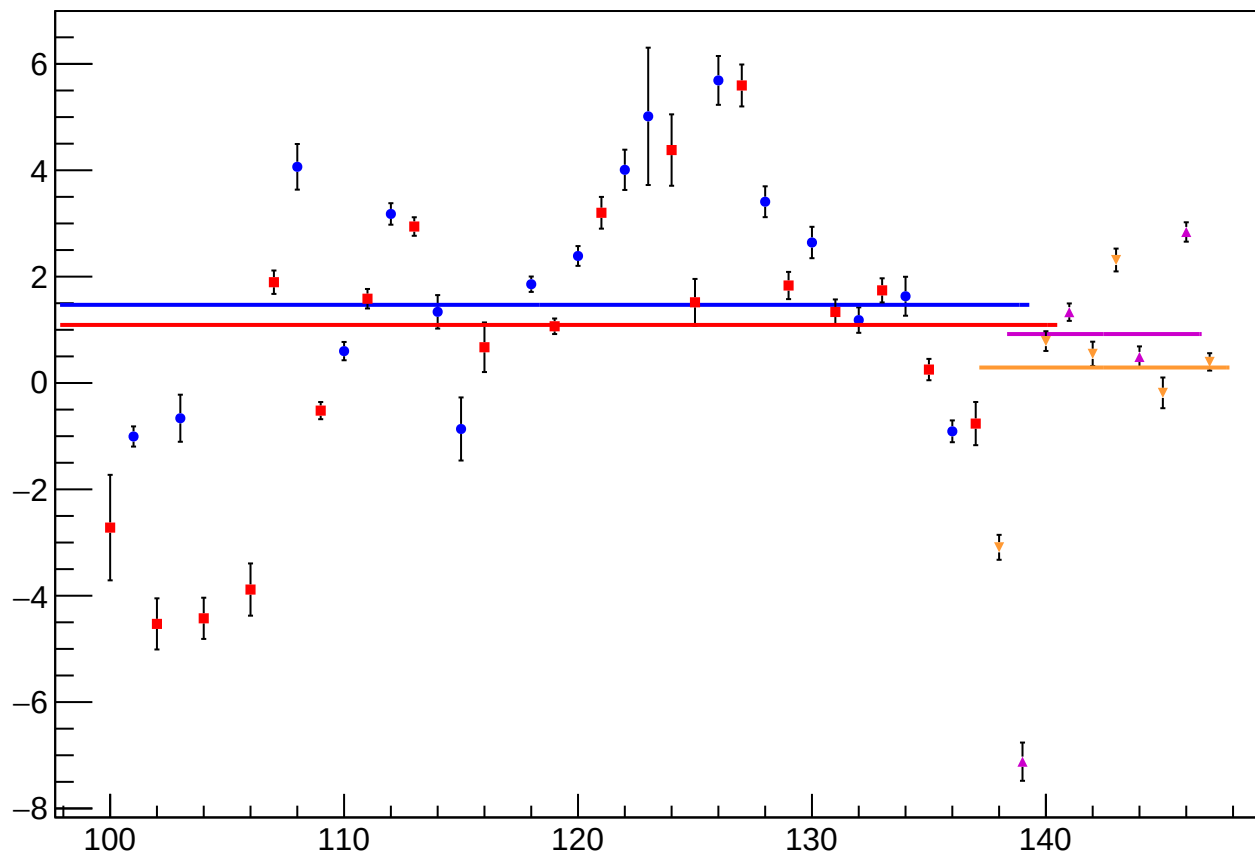
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.456+/-0.121 χ^2/NDF :24293.2/3

Out: -17.679+/-0.112 χ^2/NDF :13576.3/5

All: -18.038+/-0.082 χ^2/NDF : 37891.4/9

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 0.291 ± 0.085 χ^2/NDF : 308.5/5

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

Left In: 0.920 ± 0.100 χ^2/NDF : 622.3/3

Left: 0.557 ± 0.065 χ^2/NDF : 953.7/9

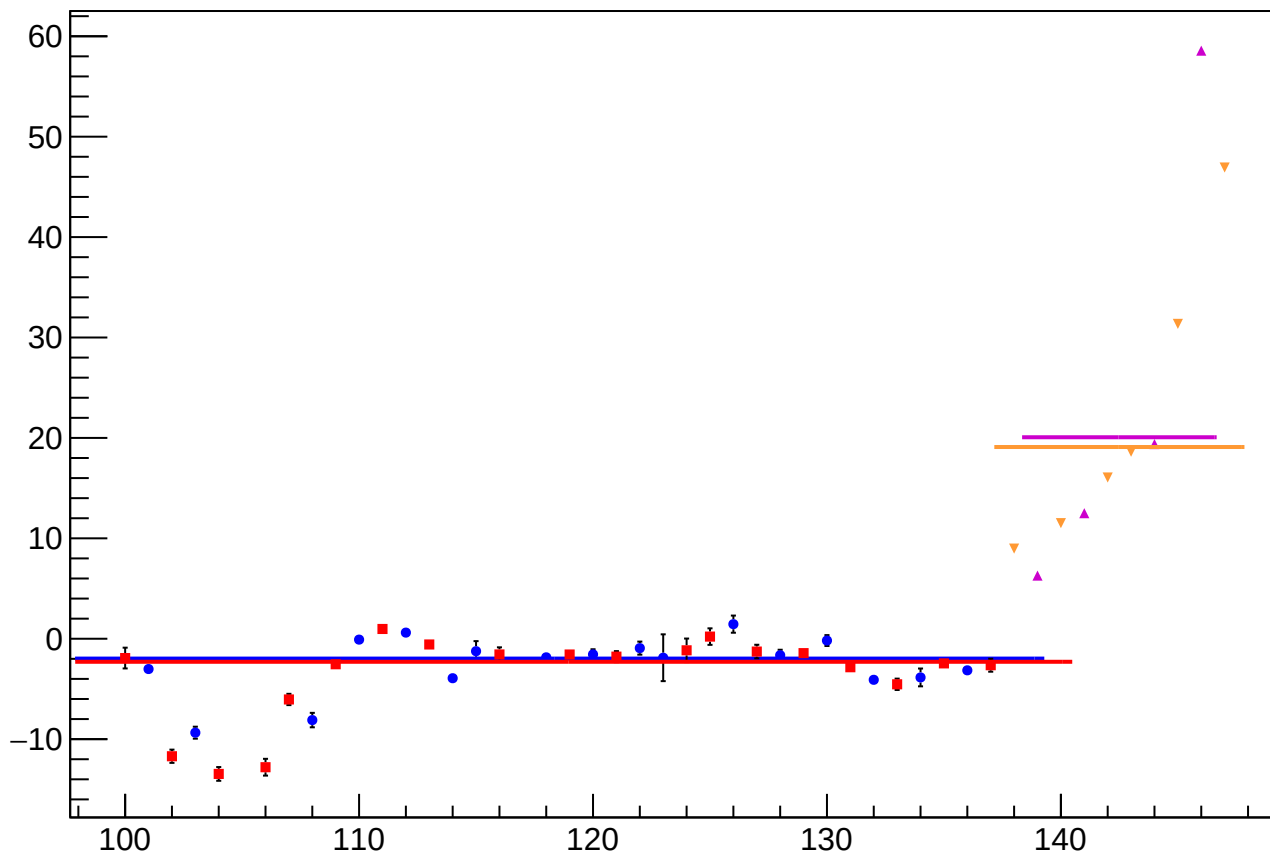
Right: 1.272 ± 0.042 χ^2/NDF : 1680.2/35

In: 1.321 ± 0.052 χ^2/NDF : 1352.2/20

Out: 0.839 ± 0.048 χ^2/NDF : 1320.9/24

All: 1.061 ± 0.035 χ^2/NDF : 2719.7/45

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 19.094 ± 0.118 $\chi^2/\text{NDF}: 11890.8/5$

Right Out: -2.294 ± 0.098 $\chi^2/\text{NDF}: 906.6/18$

Left In: 20.066 ± 0.128 $\chi^2/\text{NDF}: 21821.5/3$

Left: 19.543 ± 0.087 $\chi^2/\text{NDF}: 33743.5/9$

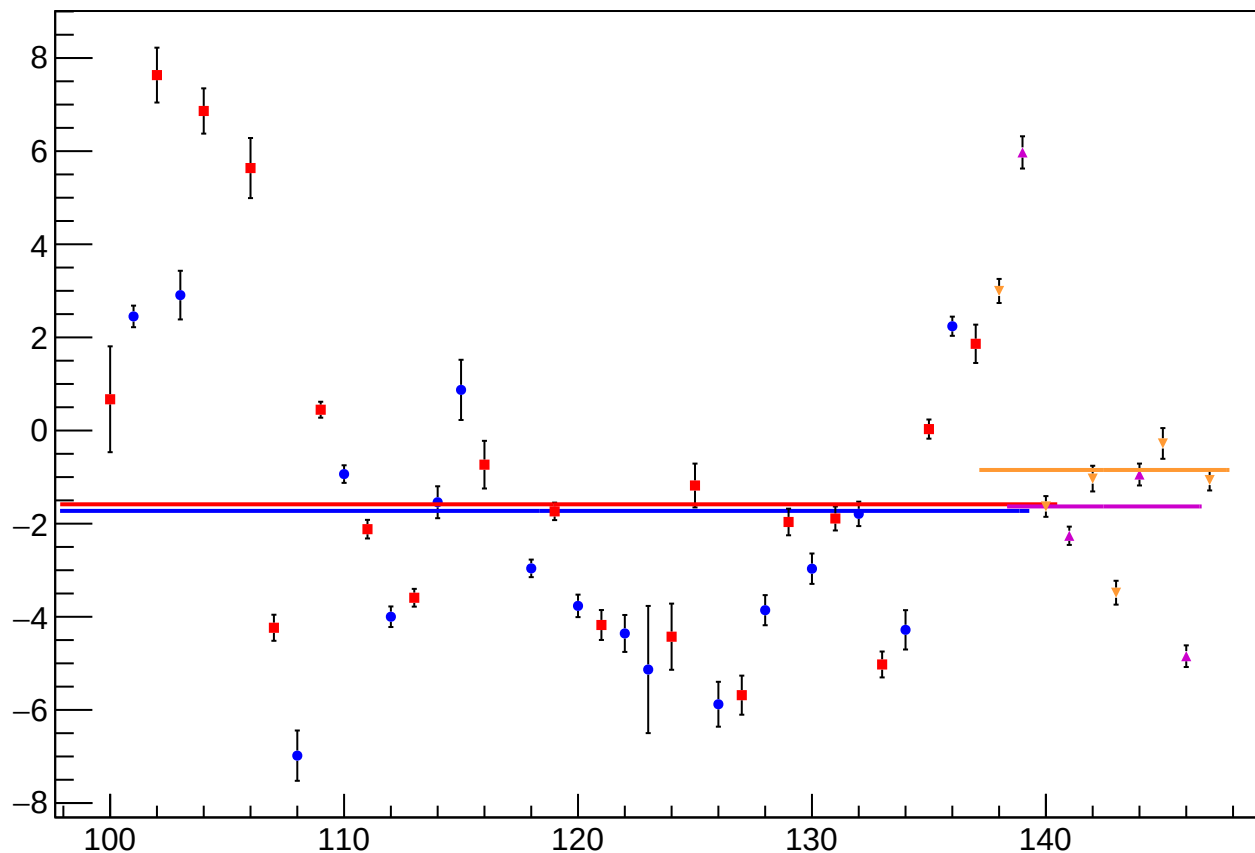
Right: -2.153 ± 0.073 $\chi^2/\text{NDF}: 1375.0/35$

In: 7.409 ± 0.083 $\chi^2/\text{NDF}: 39371.5/20$

Out: 6.440 ± 0.076 $\chi^2/\text{NDF}: 32079.1/24$

All: 6.878 ± 0.056 $\chi^2/\text{NDF}: 71524.6/45$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.847 ± 0.104 χ^2/NDF : 343.5/5

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: -1.630 ± 0.119 χ^2/NDF : 691.8/3

Left: -1.187 ± 0.078 χ^2/NDF : 1059.9/9

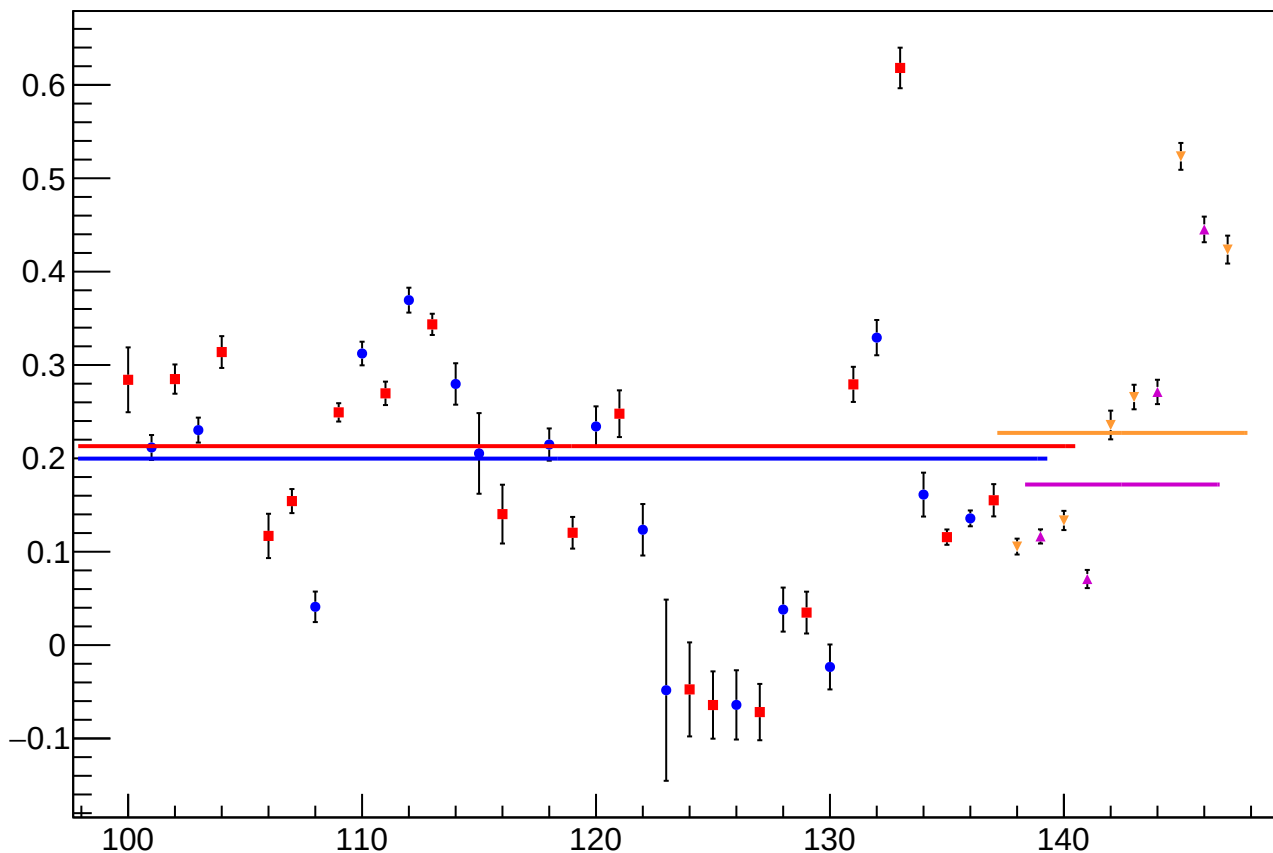
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.701 ± 0.060 χ^2/NDF : 2033.7/20

Out: -1.375 ± 0.055 χ^2/NDF : 1872.4/24

All: -1.524 ± 0.041 χ^2/NDF : 3922.0/45

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.227 $\pm$ 0.005 χ^2 /NDF:893.3/5

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1050.9/18

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:615.8/3

Left: 0.201 $\pm$ 0.003 χ^2 /NDF: 1571.5/9

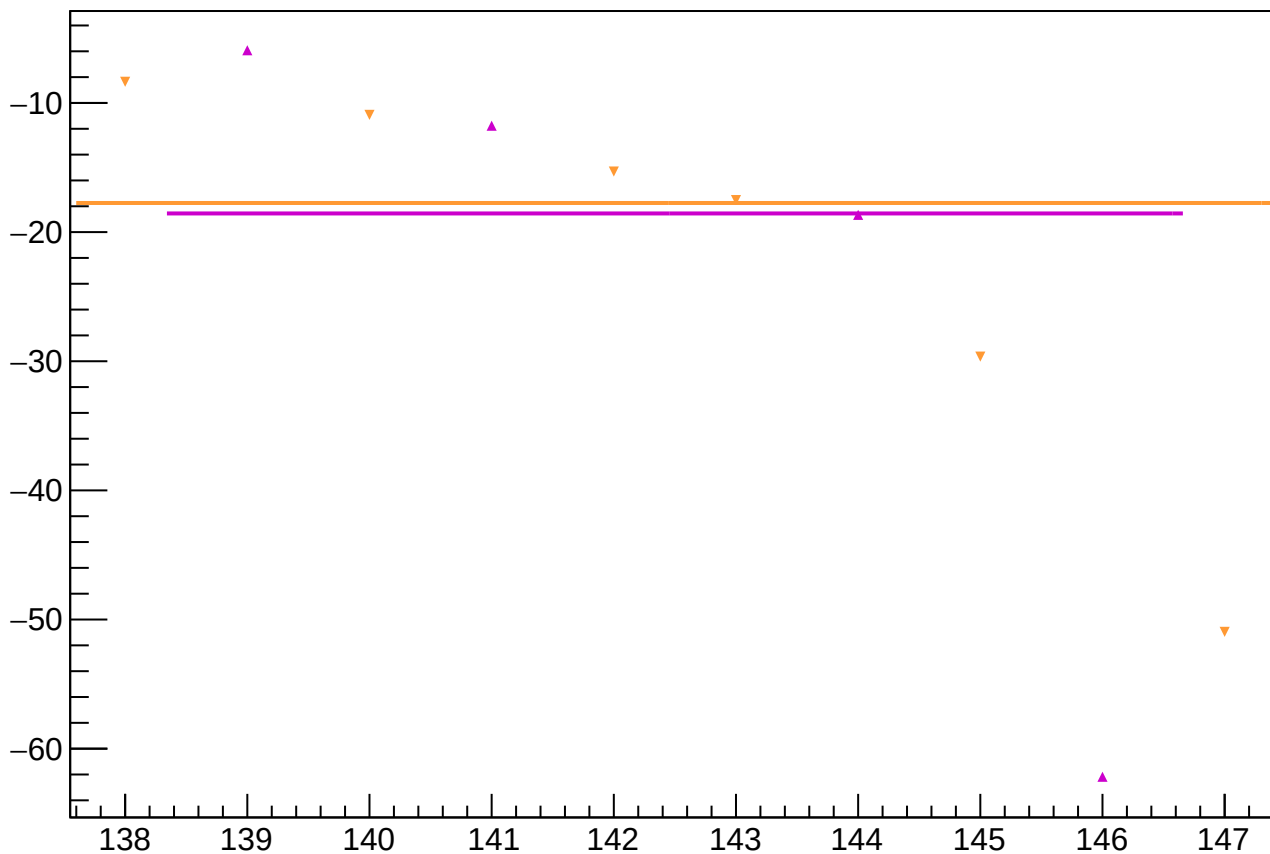
Right: 0.207 $\pm$ 0.003 χ^2 /NDF: 1719.2/35

In: 0.189 $\pm$ 0.003 χ^2 /NDF:1296.5/20

Out: 0.218 $\pm$ 0.003 χ^2 /NDF:1949.6/24

All: 0.205 $\pm$ 0.002 χ^2 /NDF: 3292.7/45

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.745+/-0.113 χ^2/NDF :13582.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.556+/-0.122 χ^2/NDF :24326.5/3

Left: -18.119+/-0.083 χ^2/NDF : 37932.3/9

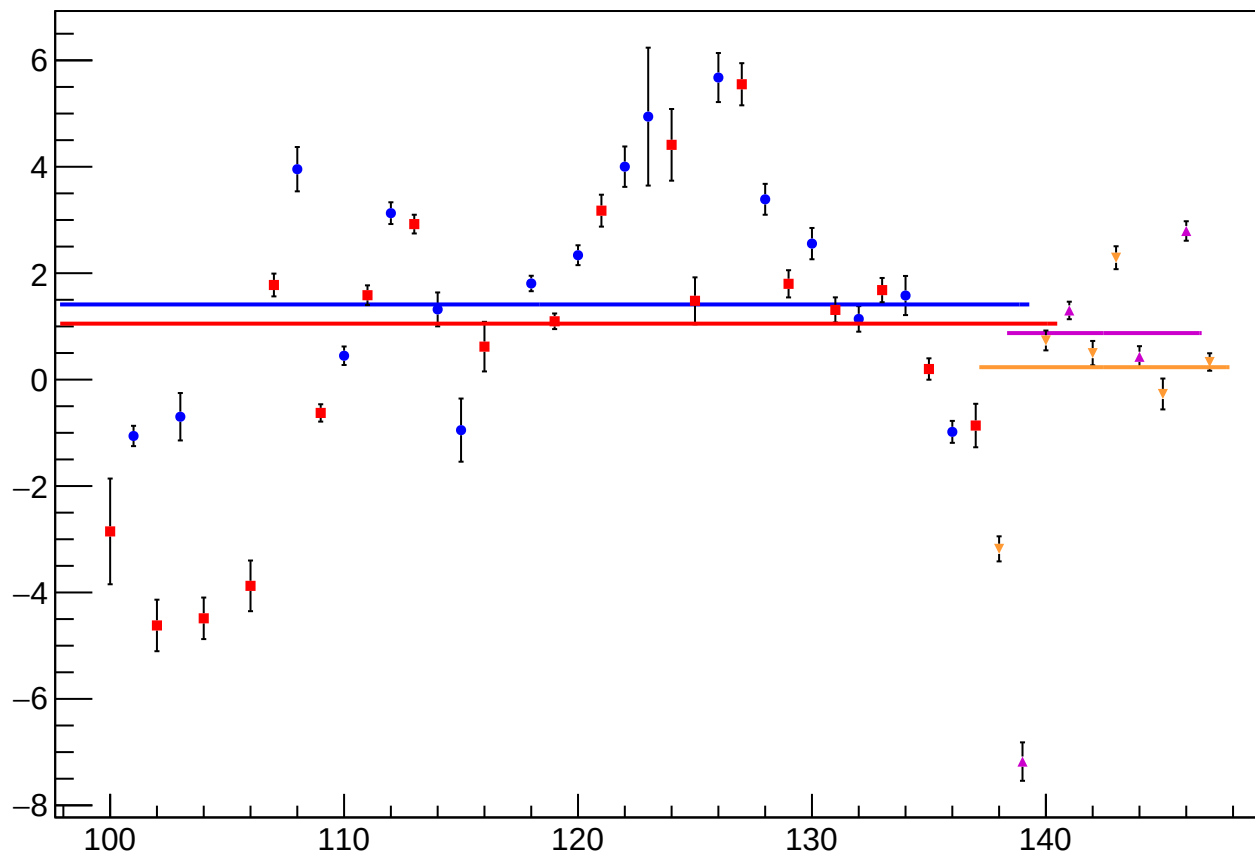
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.556+/-0.122 χ^2/NDF :24326.5/3

Out: -17.745+/-0.113 χ^2/NDF :13582.1/5

All: -18.119+/-0.083 χ^2/NDF : 37932.3/9

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 0.233 ± 0.086 χ^2/NDF : 313.4/5

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

Left In: 0.875 ± 0.100 χ^2/NDF : 618.8/3

Left: 0.504 ± 0.065 χ^2/NDF : 955.8/9

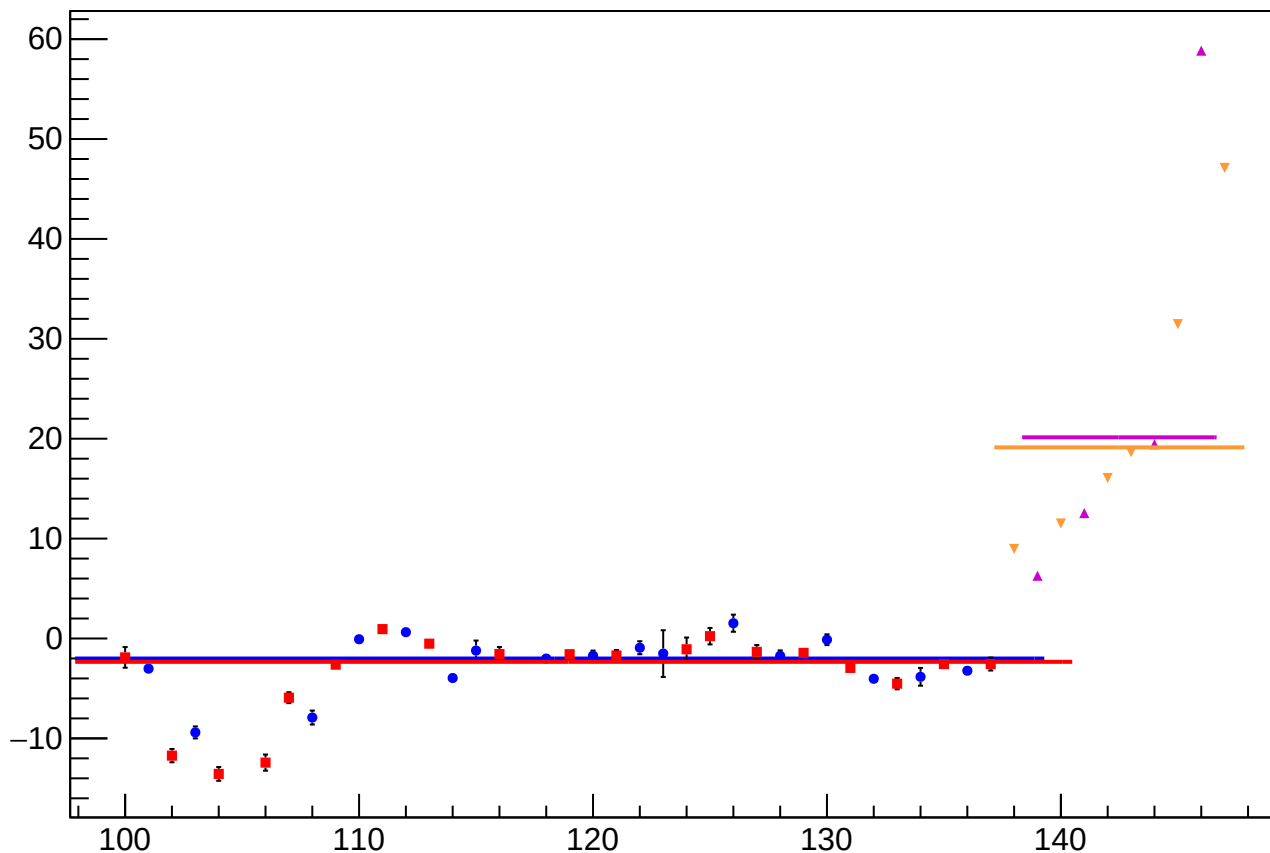
Right: 1.223 ± 0.042 χ^2/NDF : 1695.5/35

In: 1.267 ± 0.052 χ^2/NDF : 1353.7/20

Out: 0.794 ± 0.048 χ^2/NDF : 1339.3/24

All: 1.011 ± 0.035 χ^2/NDF : 2737.4/45

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 19.130 ± 0.119 χ^2/NDF : 11898.7/5

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 20.137 ± 0.128 χ^2/NDF : 21854.9/3

Left: 19.596 ± 0.087 χ^2/NDF : 33786.6/9

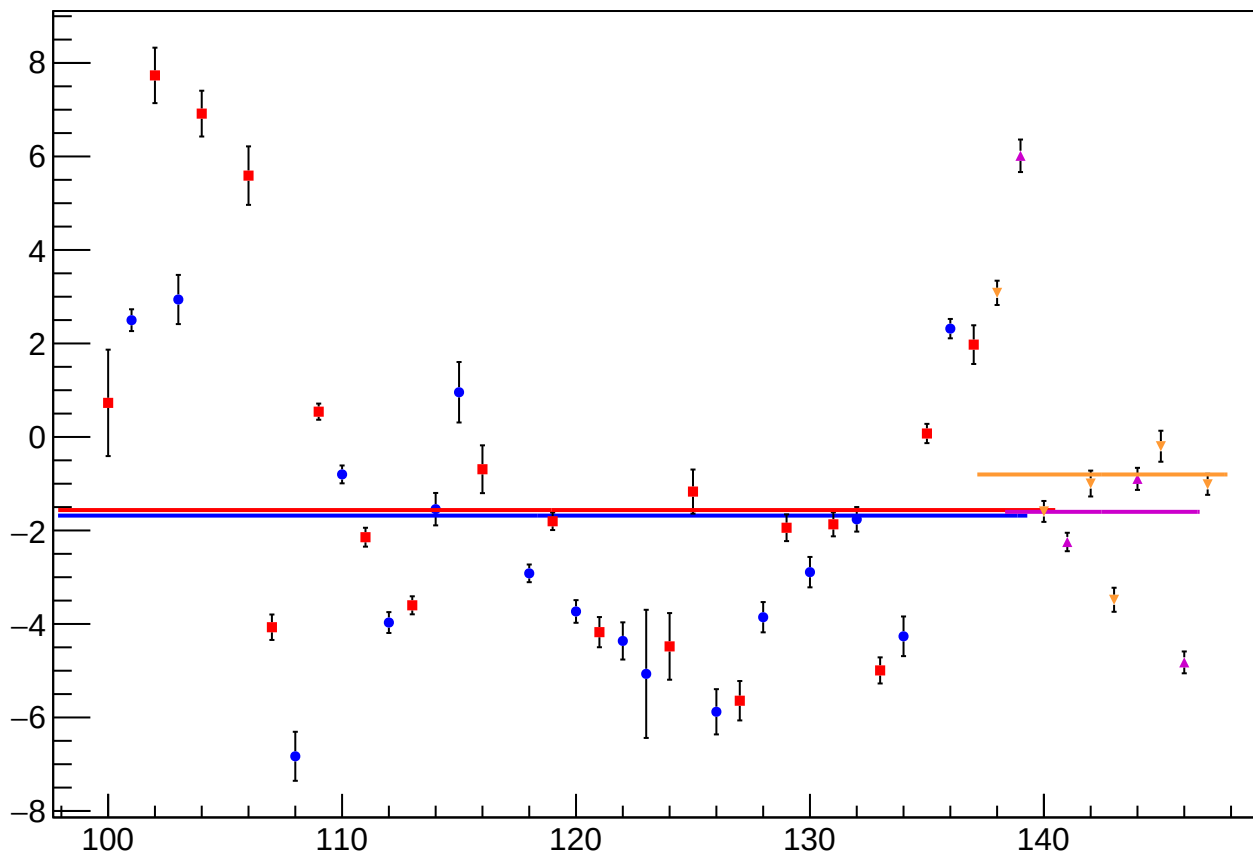
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 7.432 ± 0.084 χ^2/NDF : 39396.8/20

Out: 6.434 ± 0.076 χ^2/NDF : 32042.2/24

All: 6.885 ± 0.056 χ^2/NDF : 71516.9/45

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 ± 0.070 $\chi^2/\text{NDF}: 1347.8/16$

Left Out: -0.803 ± 0.104 $\chi^2/\text{NDF}: 349.3/5$

Right Out: -1.563 ± 0.066 $\chi^2/\text{NDF}: 1504.7/18$

Left In: -1.602 ± 0.119 $\chi^2/\text{NDF}: 688.6/3$

Left: -1.149 ± 0.079 $\chi^2/\text{NDF}: 1063.3/9$

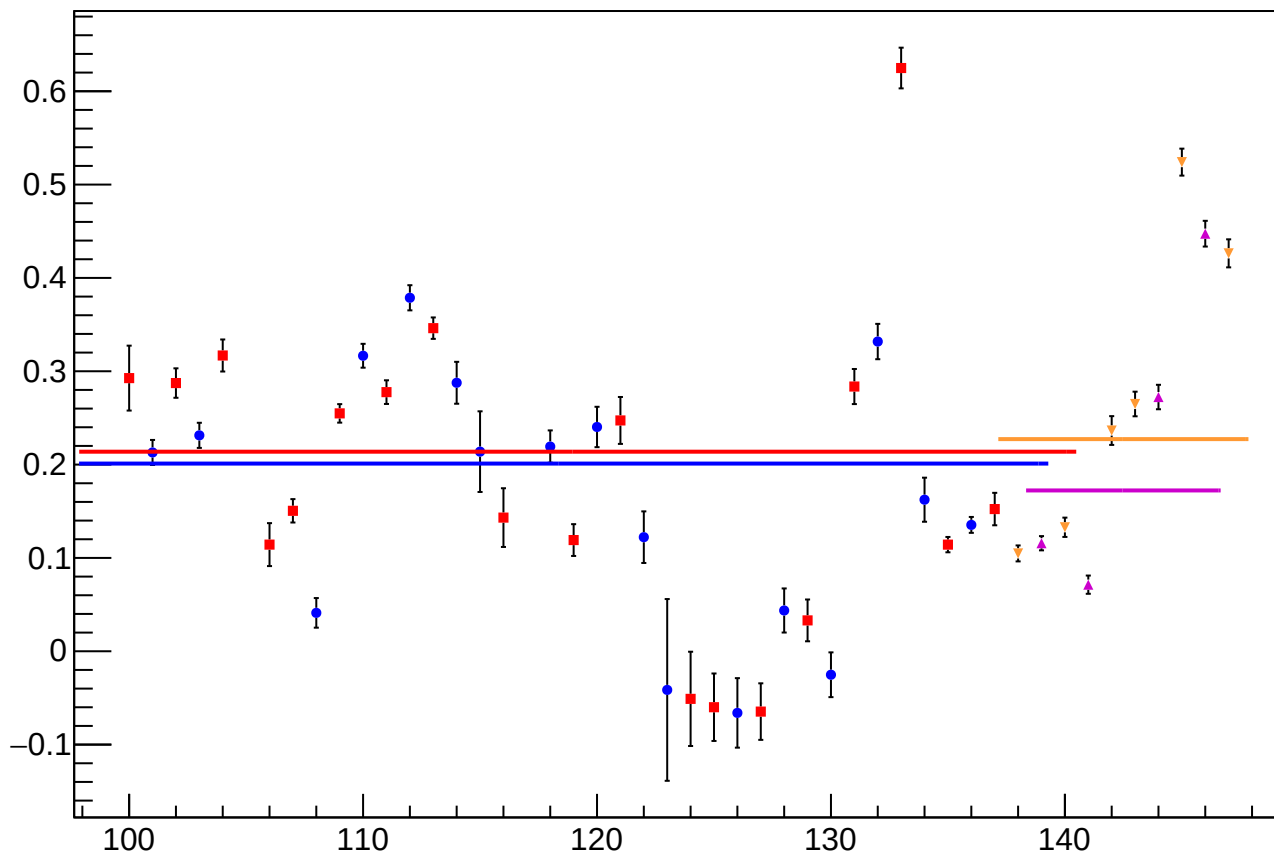
Right: -1.619 ± 0.048 $\chi^2/\text{NDF}: 2854.1/35$

In: -1.661 ± 0.061 $\chi^2/\text{NDF}: 2036.8/20$

Out: -1.348 ± 0.056 $\chi^2/\text{NDF}: 1892.1/24$

All: -1.491 ± 0.041 $\chi^2/\text{NDF}: 3943.4/45$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.227 ± 0.005 χ^2/NDF : 894.6/5

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

Left In: 0.172 ± 0.005 χ^2/NDF : 618.1/3

Left: 0.201 ± 0.004 χ^2/NDF : 1573.8/9

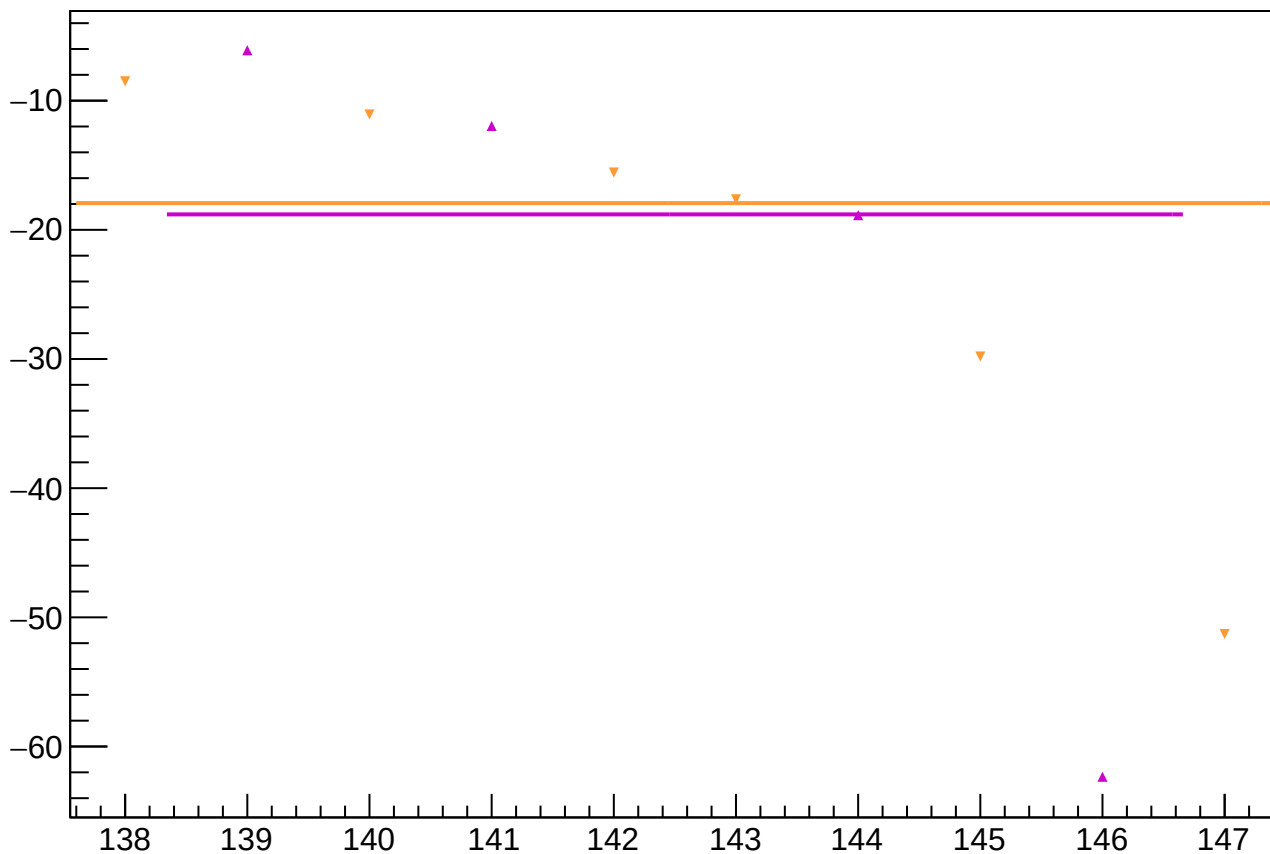
Right: 0.208 ± 0.003 χ^2/NDF : 1779.7/35

In: 0.190 ± 0.003 χ^2/NDF : 1328.8/20

Out: 0.219 ± 0.003 χ^2/NDF : 1982.6/24

All: 0.205 ± 0.002 χ^2/NDF : 3356.2/45

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.929+/-0.114 χ^2/NDF :13466.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Left: -18.332+/-0.084 χ^2/NDF : 37466.1/9

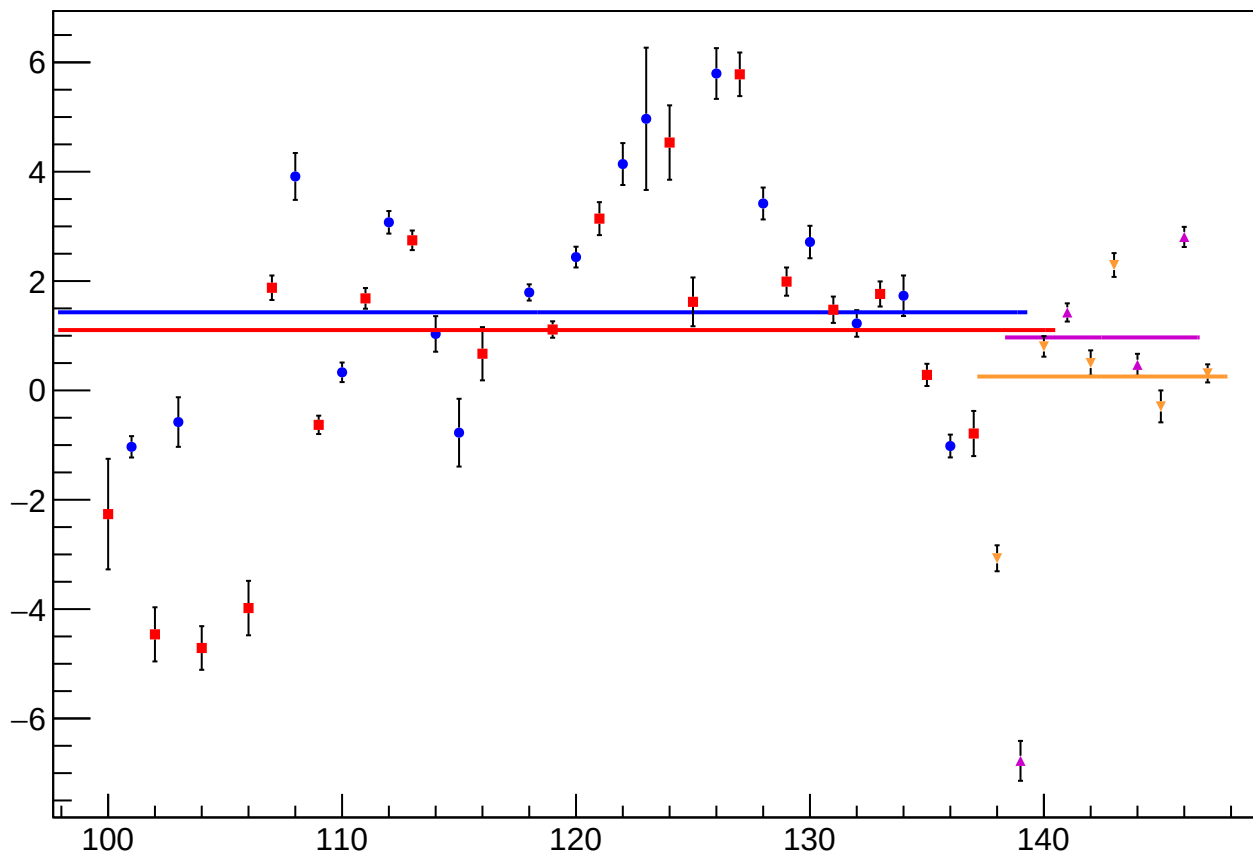
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Out: -17.929+/-0.114 χ^2/NDF :13466.8/5

All: -18.332+/-0.084 χ^2/NDF : 37466.1/9

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429+/-0.062 χ^2/NDF : 711.4/16

Left Out: 0.254+/-0.086 χ^2/NDF : 297.1/5

Right Out: 1.104+/-0.059 χ^2/NDF : 936.5/18

Left In: 0.969+/-0.101 χ^2/NDF : 563.7/3

Left: 0.556+/-0.066 χ^2/NDF : 889.7/9

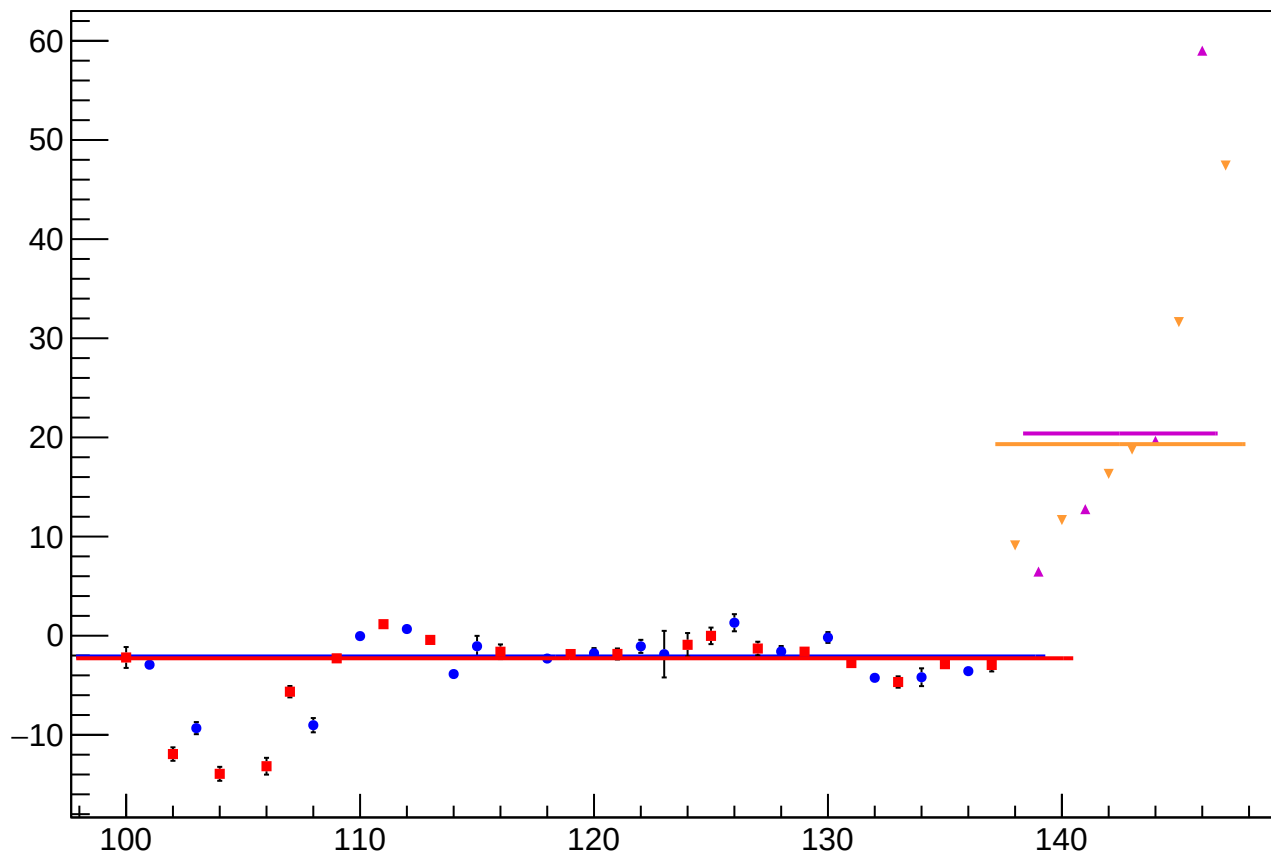
Right: 1.259+/-0.043 χ^2/NDF : 1662.3/35

In: 1.303+/-0.053 χ^2/NDF : 1290.2/20

Out: 0.832+/-0.049 χ^2/NDF : 1299.4/24

All: 1.048+/-0.036 χ^2/NDF : 2632.3/45

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 19.322 ± 0.120 χ^2/NDF : 11790.4/5

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 20.398 ± 0.130 χ^2/NDF : 21517.1/3

Left: 19.819 ± 0.088 χ^2/NDF : 33344.6/9

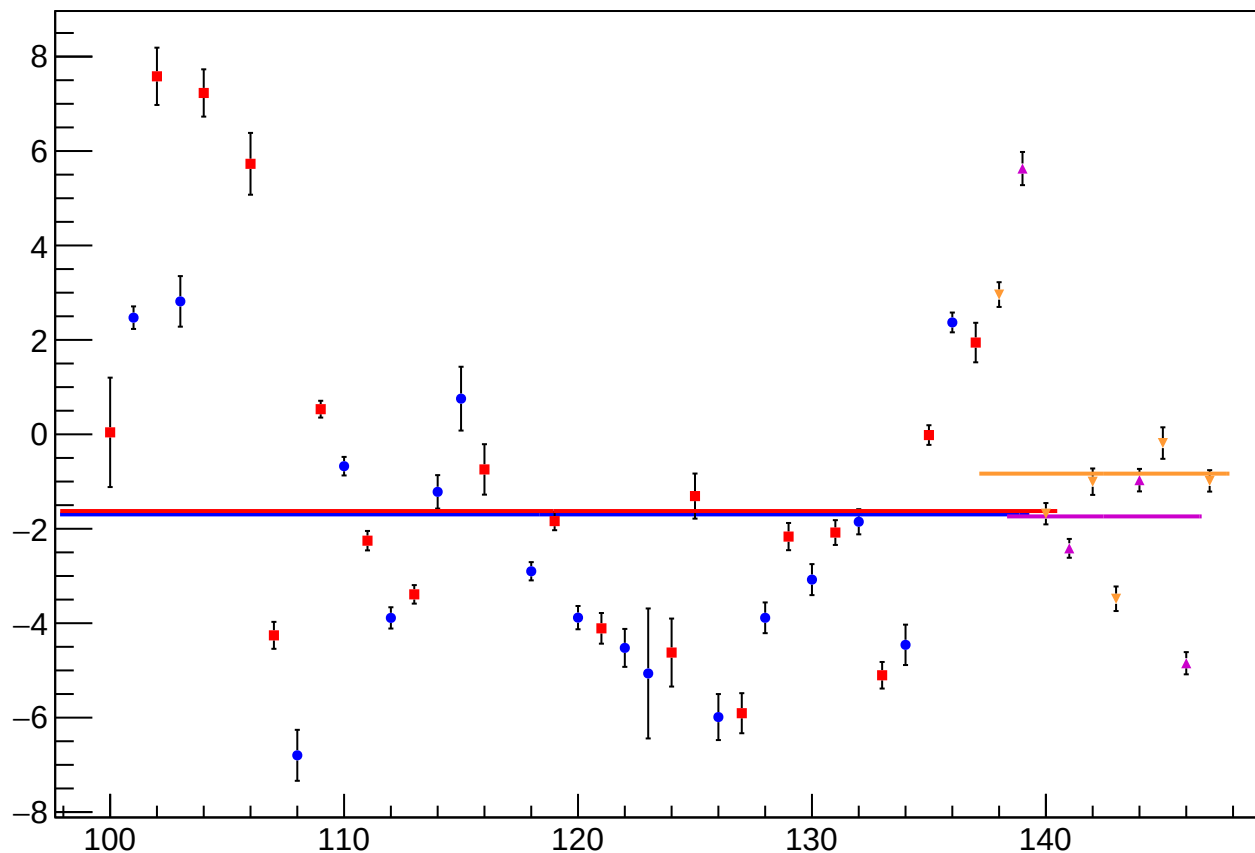
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: 7.580 ± 0.085 χ^2/NDF : 39167.7/20

Out: 6.671 ± 0.077 χ^2/NDF : 31654.1/24

All: 7.082 ± 0.057 χ^2/NDF : 70884.4/45

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -0.832 ± 0.105 χ^2/NDF : 332.0/5

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

Left In: -1.738 ± 0.120 χ^2/NDF : 635.8/3

Left: -1.225 ± 0.079 χ^2/NDF : 999.9/9

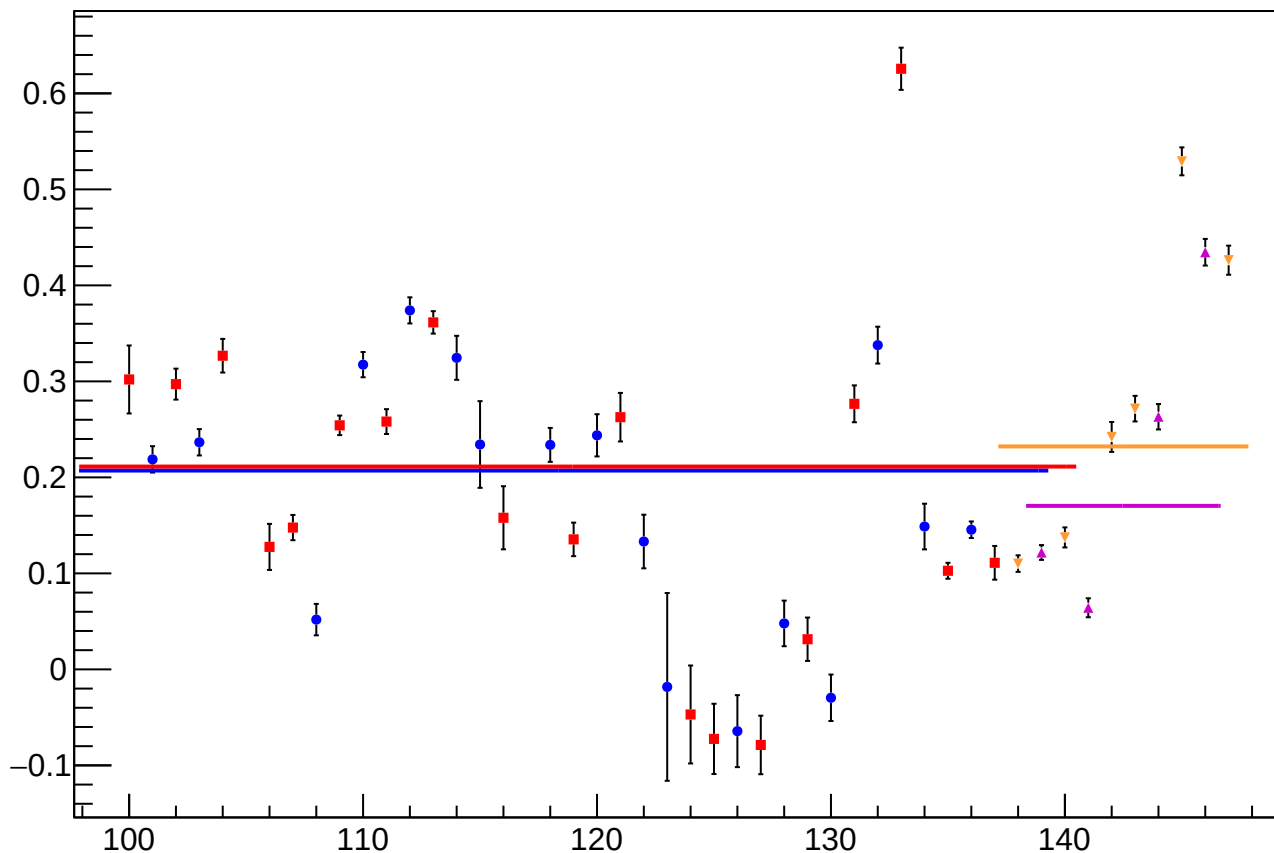
Right: -1.658 ± 0.049 χ^2/NDF : 2801.2/35

In: -1.707 ± 0.062 χ^2/NDF : 1969.2/20

Out: -1.396 ± 0.057 χ^2/NDF : 1839.6/24

All: -1.539 ± 0.042 χ^2/NDF : 3822.6/45

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.232 ± 0.005 χ^2/NDF : 872.7/5

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

Left In: 0.170 ± 0.005 χ^2/NDF : 566.7/3

Left: 0.203 ± 0.004 χ^2/NDF : 1515.2/9

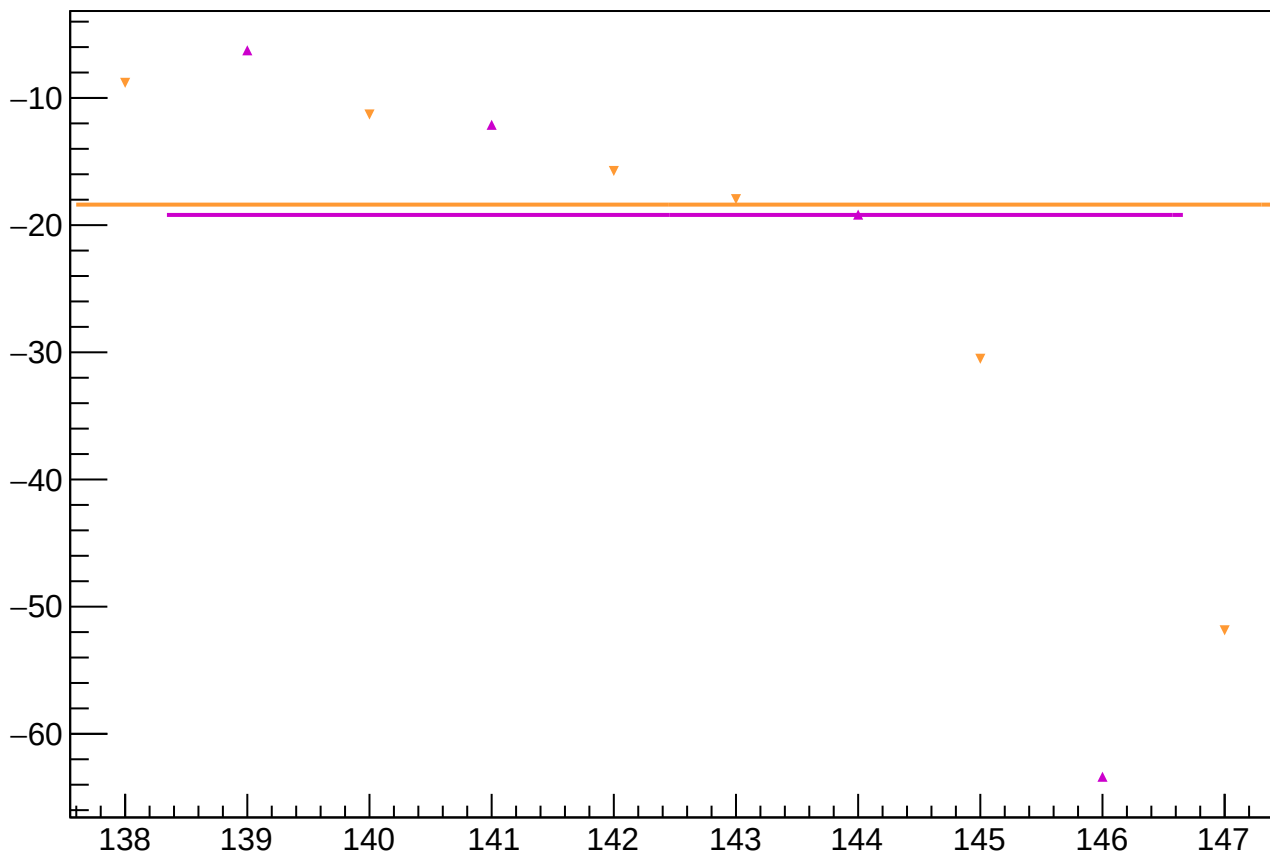
Right: 0.209 ± 0.003 χ^2/NDF : 1802.5/35

In: 0.192 ± 0.003 χ^2/NDF : 1253.7/20

Out: 0.219 ± 0.003 χ^2/NDF : 2029.8/24

All: 0.207 ± 0.002 χ^2/NDF : 3320.0/45

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.386+/-0.116 χ^2/NDF :13271.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.197+/-0.126 χ^2/NDF :23921.8/3

Left: -18.760+/-0.085 χ^2/NDF : 37216.0/9

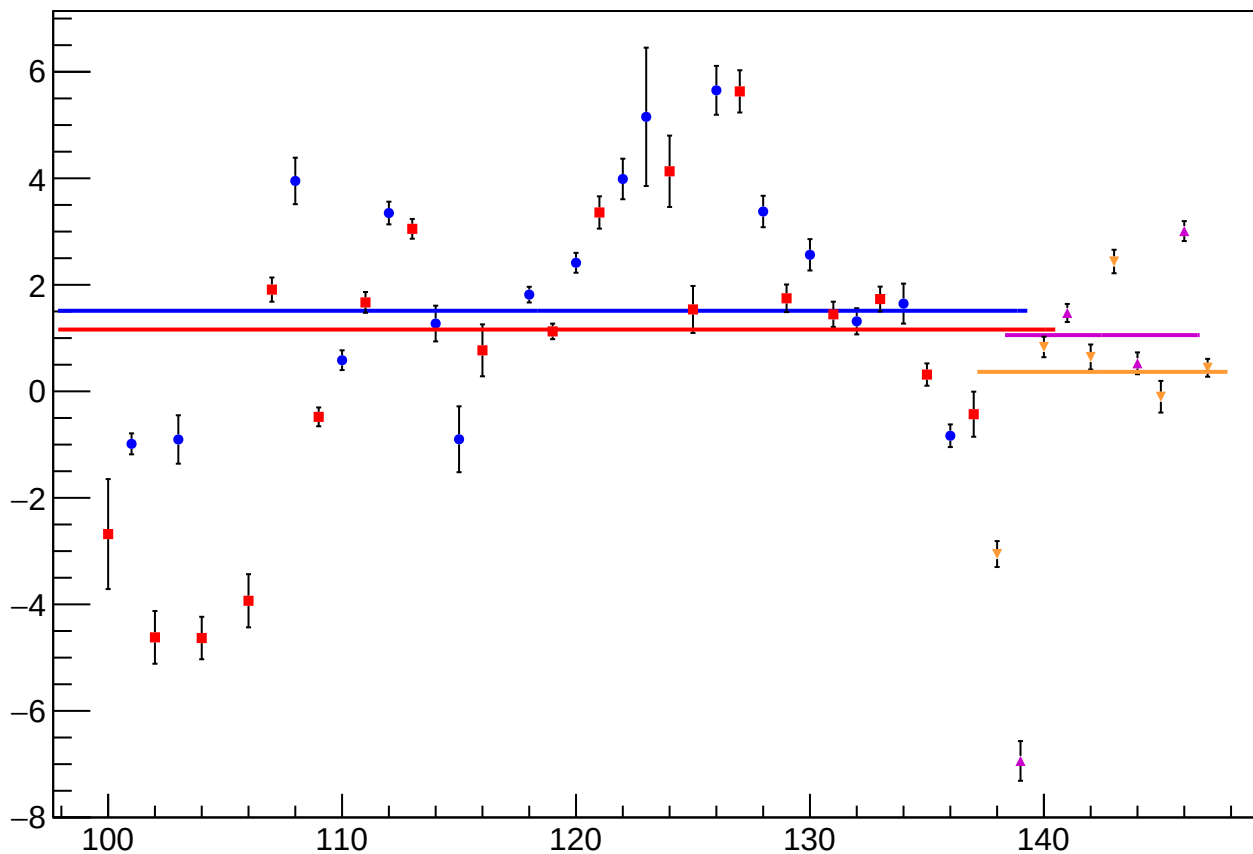
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.197+/-0.126 χ^2/NDF :23921.8/3

Out: -18.386+/-0.116 χ^2/NDF :13271.8/5

All: -18.760+/-0.085 χ^2/NDF : 37216.0/9

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 ± 0.063 χ^2/NDF : 669.7/16

Left Out: 0.366 ± 0.088 χ^2/NDF : 295.6/5

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

Left In: 1.056 ± 0.103 χ^2/NDF : 581.0/3

Left: 0.657 ± 0.067 χ^2/NDF : 902.5/9

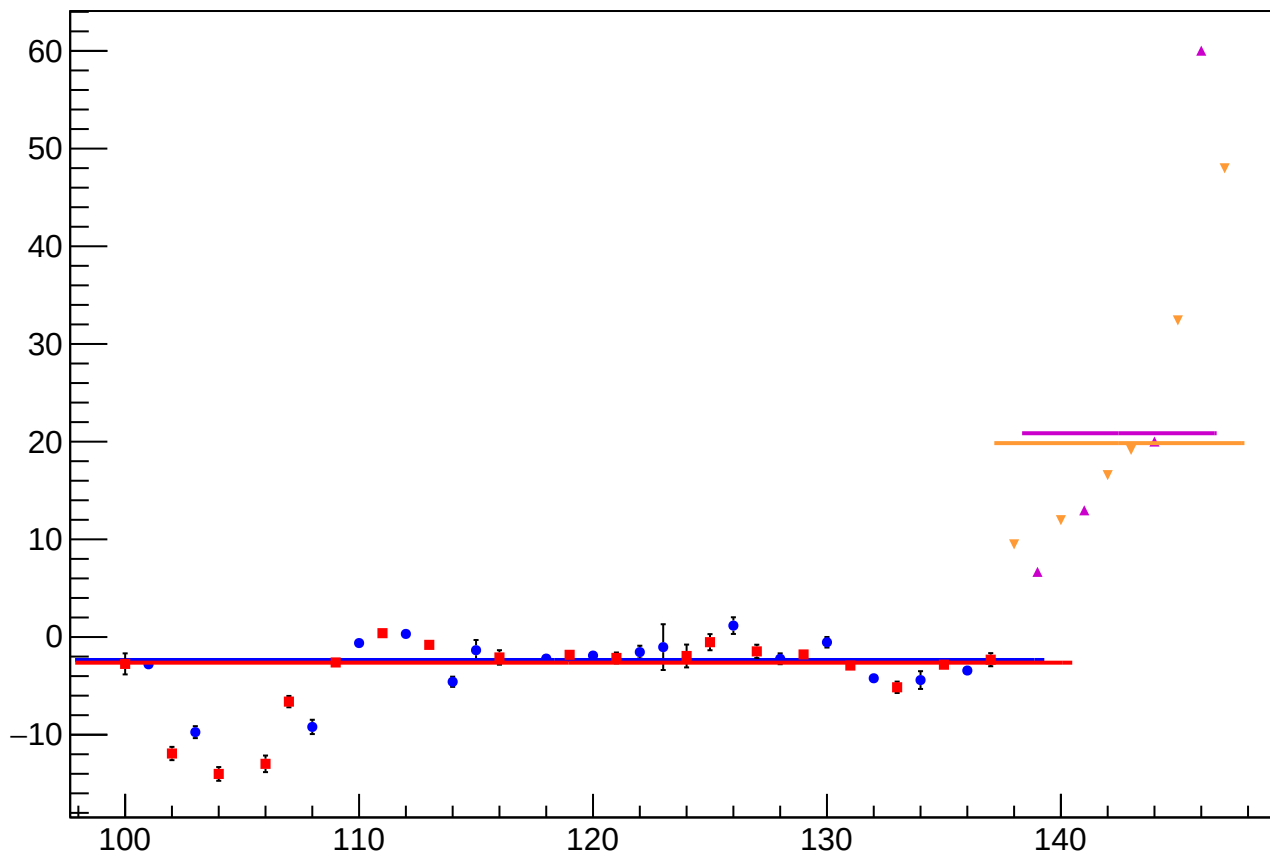
Right: 1.329 ± 0.043 χ^2/NDF : 1603.3/35

In: 1.389 ± 0.054 χ^2/NDF : 1265.1/20

Out: 0.907 ± 0.050 χ^2/NDF : 1268.2/24

All: 1.130 ± 0.036 χ^2/NDF : 2577.0/45

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 19.849 ± 0.123 χ^2/NDF : 11591.8/5

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

Left In: 20.862 ± 0.132 χ^2/NDF : 21455.7/3

Left: 20.317 ± 0.090 χ^2/NDF : 33079.1/9

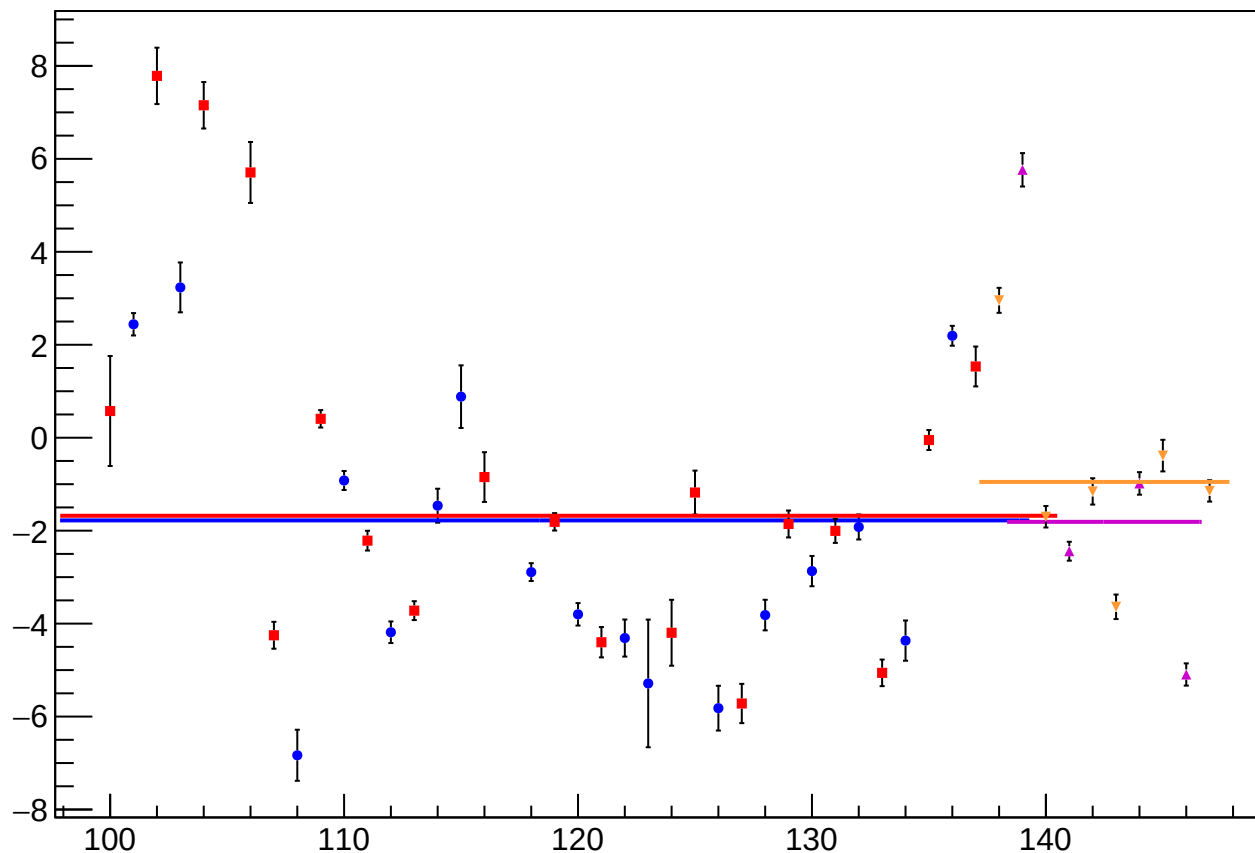
Right: -2.501 ± 0.077 χ^2/NDF : 1283.3/35

In: 7.583 ± 0.086 χ^2/NDF : 39543.0/20

Out: 6.705 ± 0.079 χ^2/NDF : 32105.1/24

All: 7.104 ± 0.058 χ^2/NDF : 71704.3/45

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -0.951 ± 0.107 χ^2/NDF : 329.5/5

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

Left In: -1.810 ± 0.123 χ^2/NDF : 654.4/3

Left: -1.323 ± 0.081 χ^2/NDF : 1011.7/9

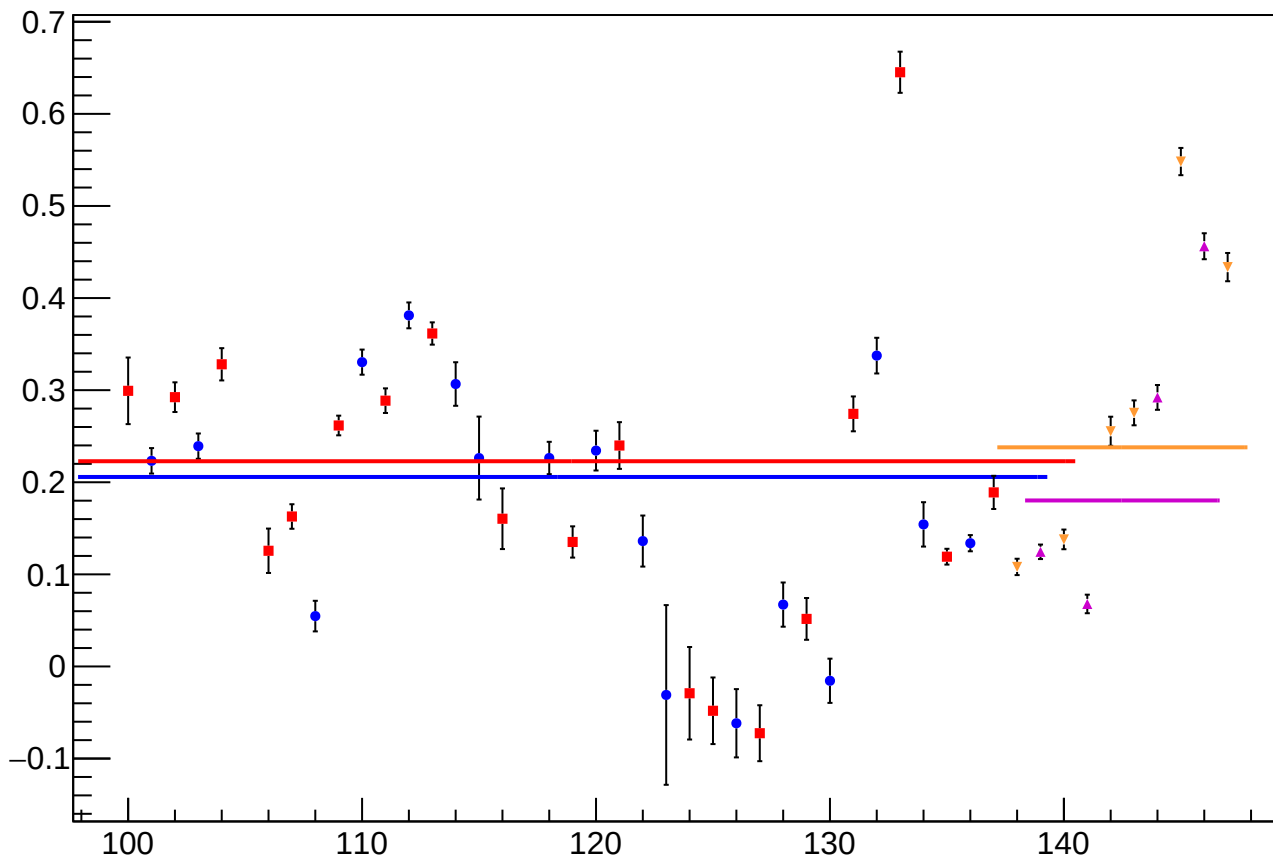
Right: -1.726 ± 0.050 χ^2/NDF : 2702.6/35

In: -1.787 ± 0.062 χ^2/NDF : 1926.5/20

Out: -1.470 ± 0.057 χ^2/NDF : 1791.9/24

All: -1.616 ± 0.042 χ^2/NDF : 3732.4/45

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.238 ± 0.005 χ^2/NDF : 913.0/5

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.180 ± 0.005 χ^2/NDF : 626.8/3

Left: 0.210 ± 0.004 χ^2/NDF : 1603.1/9

Right: 0.215 ± 0.003 χ^2/NDF : 1702.9/35

In: 0.196 ± 0.003 χ^2/NDF : 1292.9/20

Out: 0.228 ± 0.003 χ^2/NDF : 1960.8/24

All: 0.213 ± 0.002 χ^2/NDF : 3307.1/45