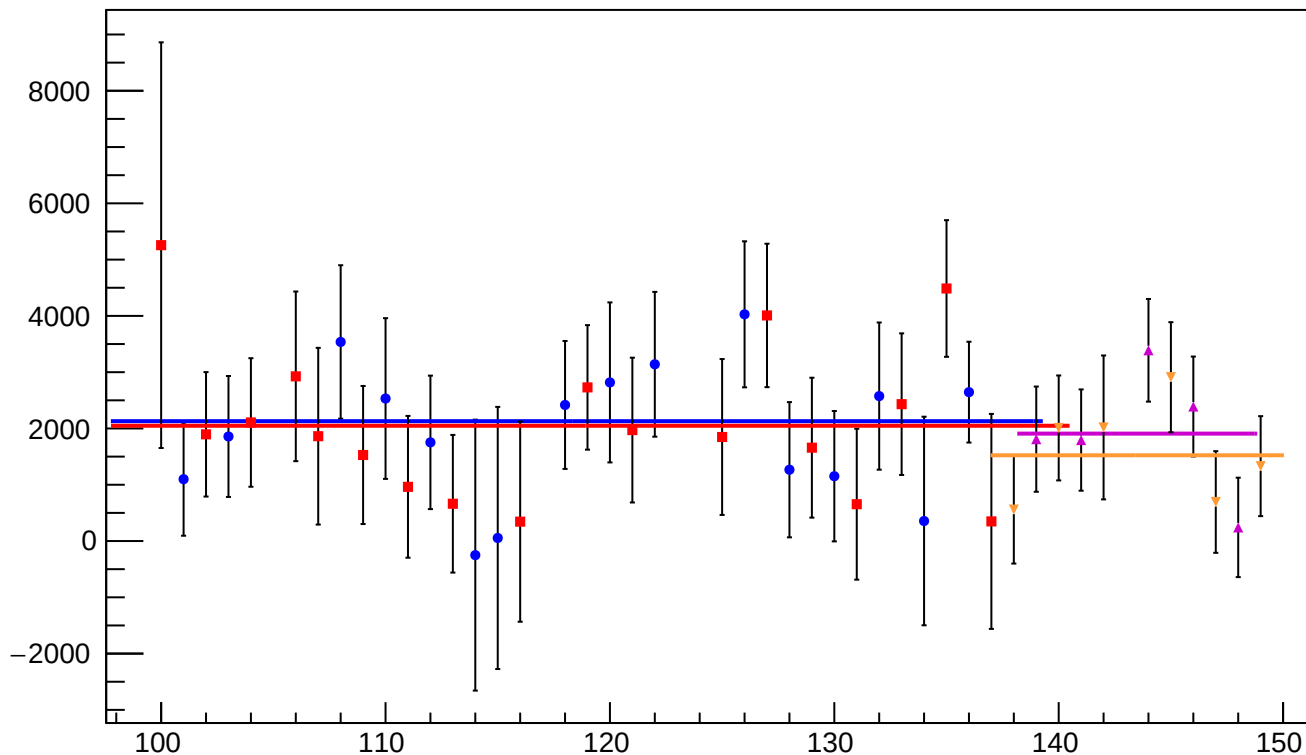


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2129.586+/-316.501

Left Out: 1523.505+/-395.574

Right Out: 2048.278+/-314.118

Left In: 1908.689+/-403.812

χ^2/NDF : 9.8/15

χ^2/NDF : 4.3/5

χ^2/NDF : 13.2/17

χ^2/NDF : 6.5/4

Left: 1712.128+/-282.580

Right: 2088.625+/-222.953

In: 2045.525+/-249.104

Out: 1845.340+/-245.993

All: 1944.175+/-175.033

χ^2/NDF : 11.3/10

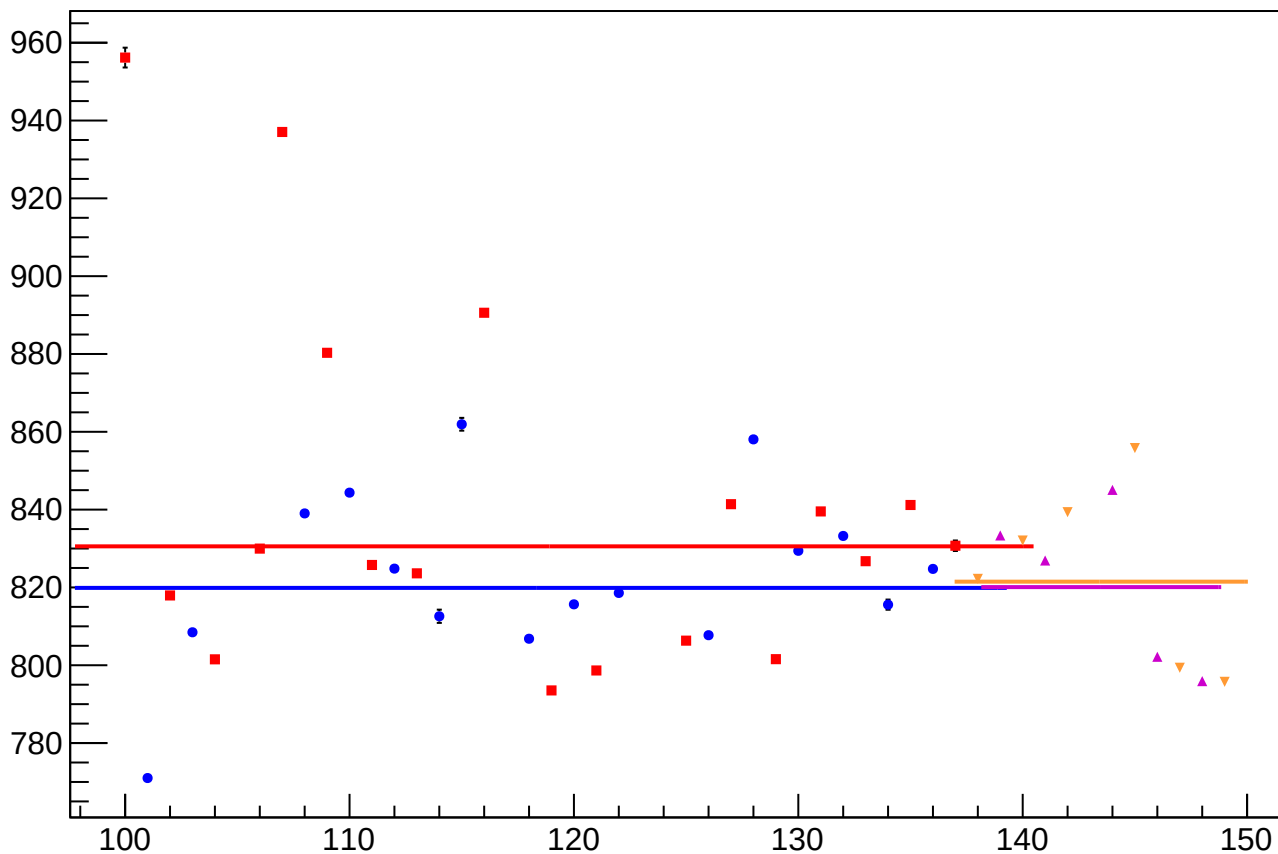
χ^2/NDF : 23.0/33

χ^2/NDF : 16.5/20

χ^2/NDF : 18.6/23

χ^2/NDF : 35.4/44

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 819.883 $\pm$ 0.224 χ^2 /NDF: 9537.8/15

Left Out: 821.483 $\pm$ 0.280 χ^2 /NDF: 5997.0/5

Right Out: 830.559 $\pm$ 0.222 χ^2 /NDF: 24429.2/17

Left In: 820.081 $\pm$ 0.286 χ^2 /NDF: 4330.6/4

Left: 820.796 $\pm$ 0.200 χ^2 /NDF: 10339.9/10

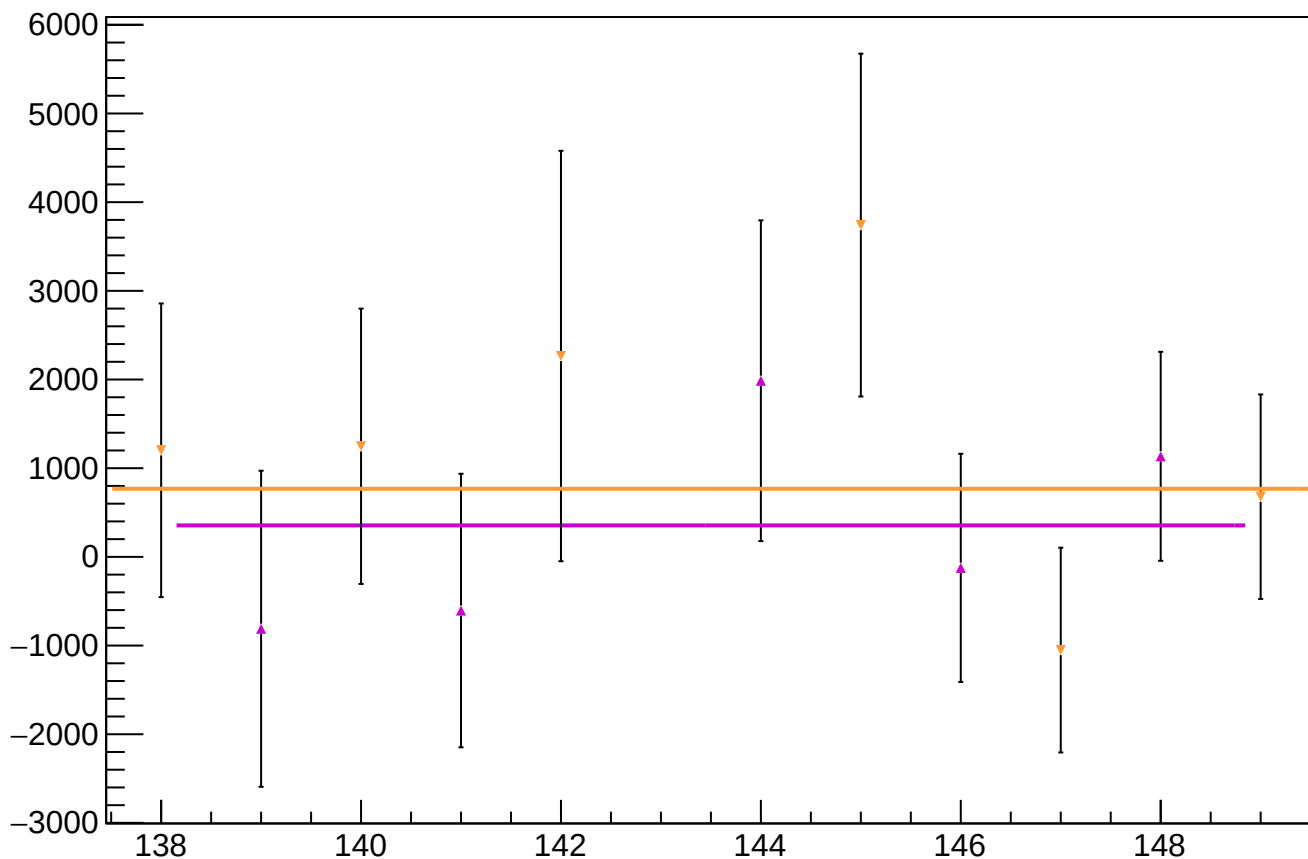
Right: 825.261 $\pm$ 0.158 χ^2 /NDF: 35113.5/33

In: 819.958 $\pm$ 0.176 χ^2 /NDF: 13868.7/20

Out: 827.049 $\pm$ 0.174 χ^2 /NDF: 31072.0/23

All: 823.548 $\pm$ 0.124 χ^2 /NDF: 45761.2/44

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 768.225+/-604.481 χ^2/NDF :5.4/5

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

Left In: 354.892+/-650.184 χ^2/NDF :2.2/4

Left: 576.595+/-442.709 χ^2/NDF : 7.9/10

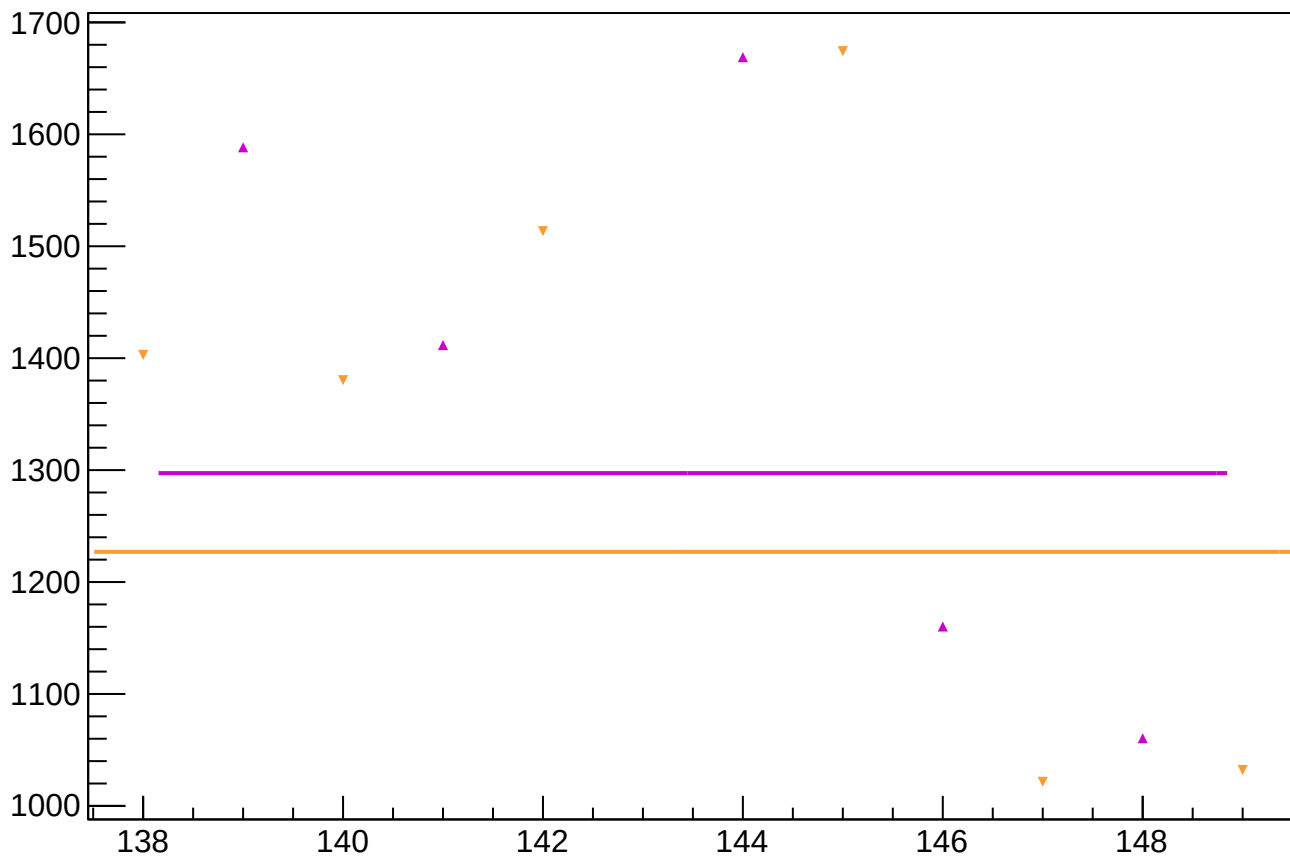
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.892+/-650.184 χ^2/NDF :2.2/4

Out: 768.225+/-604.481 χ^2/NDF :5.4/5

All: 576.595+/-442.709 χ^2/NDF : 7.9/10

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1227.013+/-0.427 χ^2/NDF :300419.2/5

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

Left In: 1297.332+/-0.460 χ^2/NDF :252319.0/4

Left: 1259.614+/-0.313 χ^2/NDF : 565285.9/10

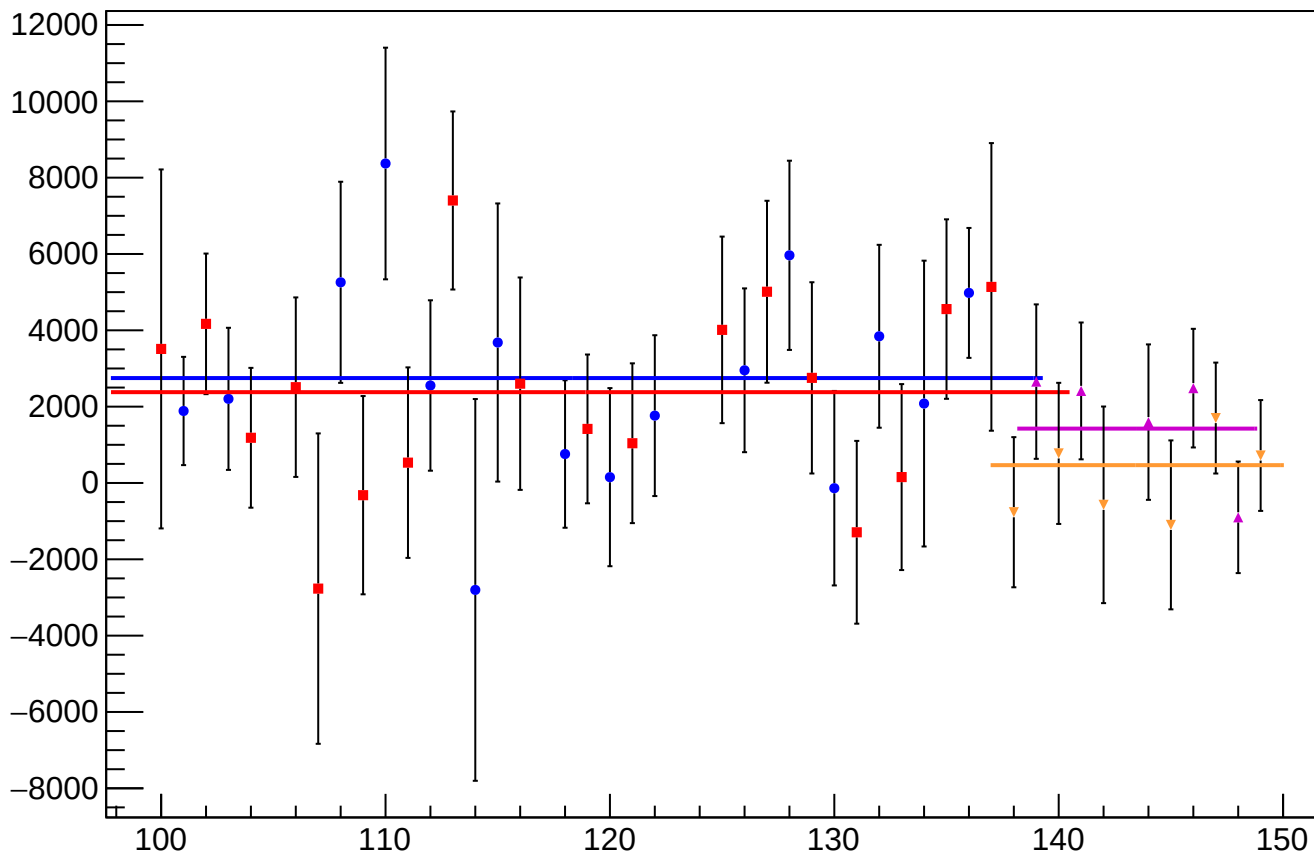
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1297.332+/-0.460 χ^2/NDF :252319.0/4

Out: 1227.013+/-0.427 χ^2/NDF :300419.2/5

All: 1259.614+/-0.313 χ^2/NDF : 565285.9/10

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777+/-562.943 χ^2/NDF : 13.5/15

Left Out: 466.828+/-734.451 χ^2/NDF : 1.8/5

Right Out: 2379.450+/-568.967 χ^2/NDF : 16.2/17

Left In: 1424.485+/-771.854 χ^2/NDF : 3.7/4

Left: 921.892+/-532.067 χ^2/NDF : 6.3/10

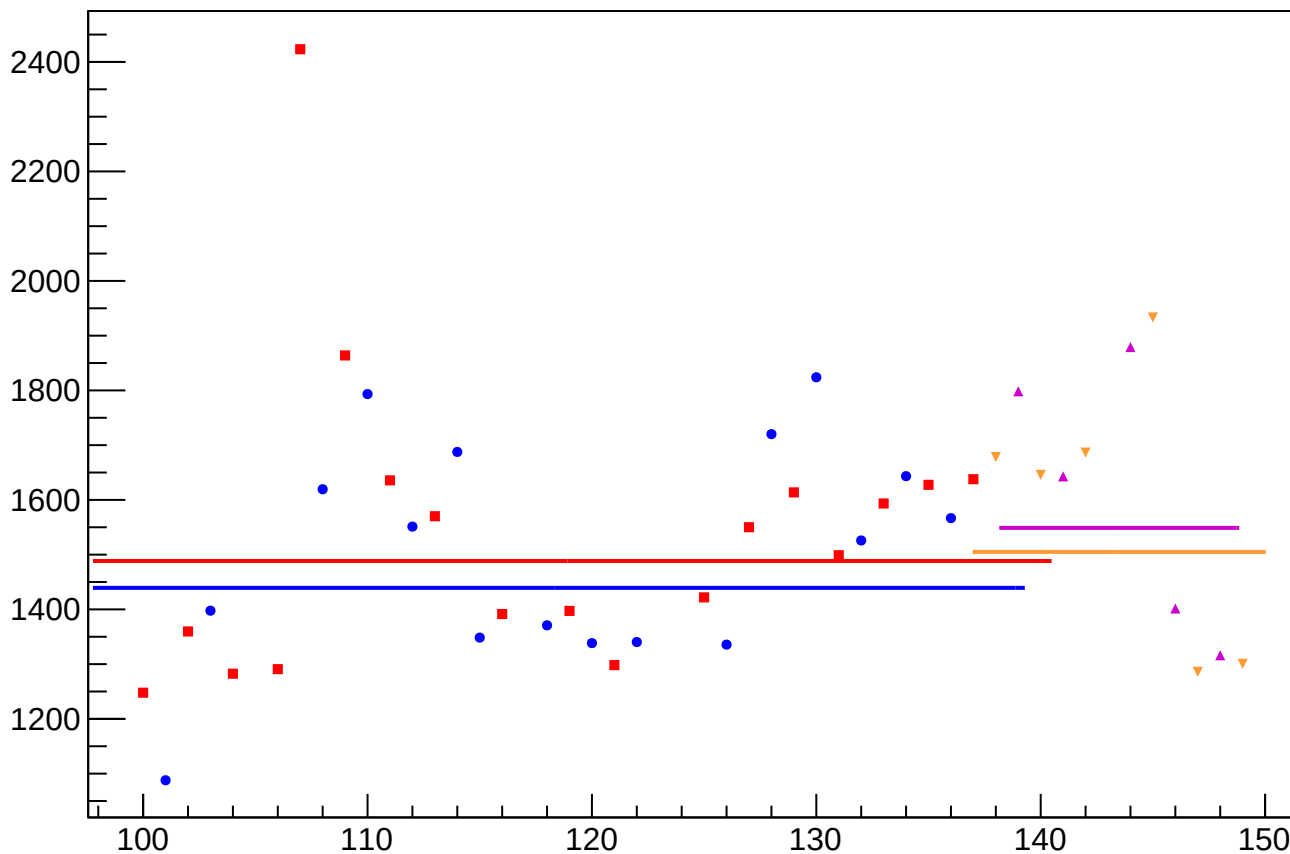
Right: 2566.079+/-400.174 χ^2/NDF : 30.0/33

In: 2288.942+/-454.825 χ^2/NDF : 19.1/20

Out: 1662.117+/-449.789 χ^2/NDF : 22.3/23

All: 1972.040+/-319.815 χ^2/NDF : 42.4/44

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1504.971 $\pm$ 0.519 χ^2/NDF : 197008.7/5

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

Left In: 1548.889 $\pm$ 0.546 χ^2/NDF : 157171.3/4

Left: 1525.840 $\pm$ 0.376 χ^2/NDF : 357578.1/10

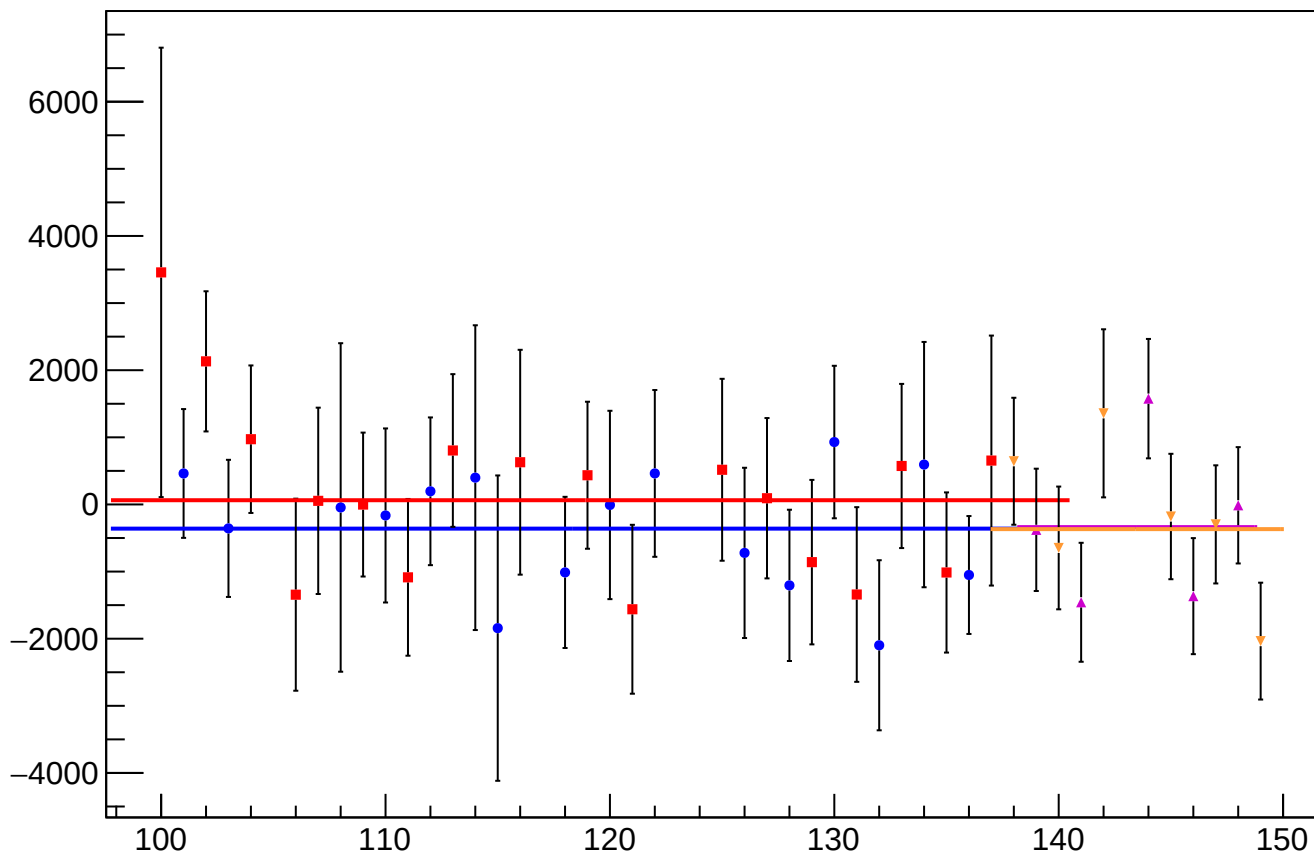
Right: 1463.597 $\pm$ 0.283 χ^2/NDF : 541697.1/33

In: 1477.373 $\pm$ 0.322 χ^2/NDF : 461334.5/20

Out: 1494.605 $\pm$ 0.318 χ^2/NDF : 453971.0/23

All: 1486.085 $\pm$ 0.226 χ^2/NDF : 916756.8/44

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -360.203 $\pm$ 310.577 χ^2/NDF : 7.1/15

Left Out: -367.548 $\pm$ 386.078 χ^2/NDF : 6.9/5

Right Out: 62.959 $\pm$ 298.767 χ^2/NDF : 12.8/17

Left In: -337.520 $\pm$ 394.911 χ^2/NDF : 7.8/4

Left: -352.873 $\pm$ 276.068 χ^2/NDF : 14.6/10

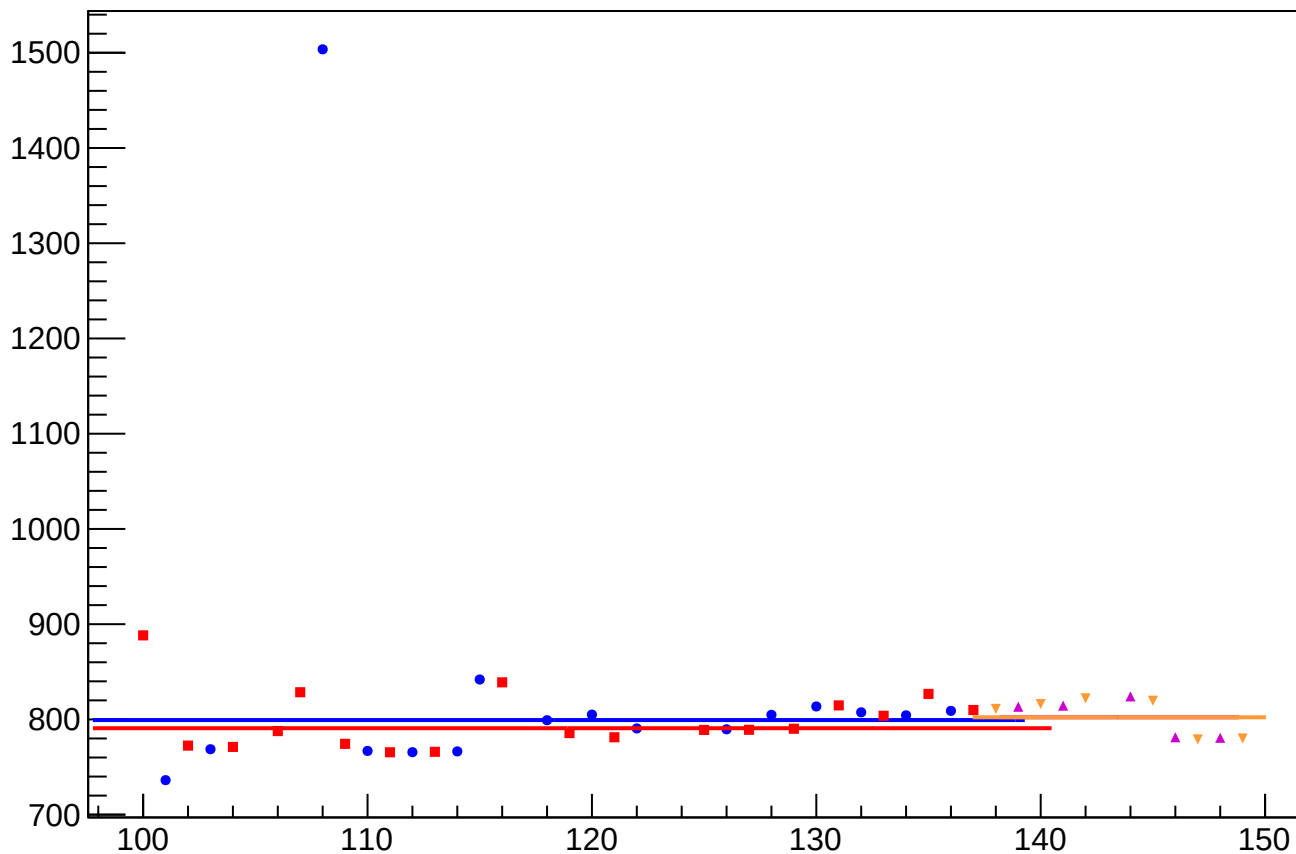
Right: -140.423 $\pm$ 215.314 χ^2/NDF : 20.9/33

In: -351.535 $\pm$ 244.125 χ^2/NDF : 14.9/20

Out: -98.287 $\pm$ 236.281 χ^2/NDF : 20.5/23

All: -220.777 $\pm$ 169.782 χ^2/NDF : 35.9/44

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.322 $\pm$ 0.220 χ^2 /NDF: 181303.9/15

Left Out: 802.219 $\pm$ 0.273 χ^2 /NDF: 4527.9/5

Right Out: 790.760 $\pm$ 0.211 χ^2 /NDF: 11555.4/17

Left In: 802.234 $\pm$ 0.279 χ^2 /NDF: 4299.6/4

Left: 802.226 $\pm$ 0.195 χ^2 /NDF: 8827.5/10

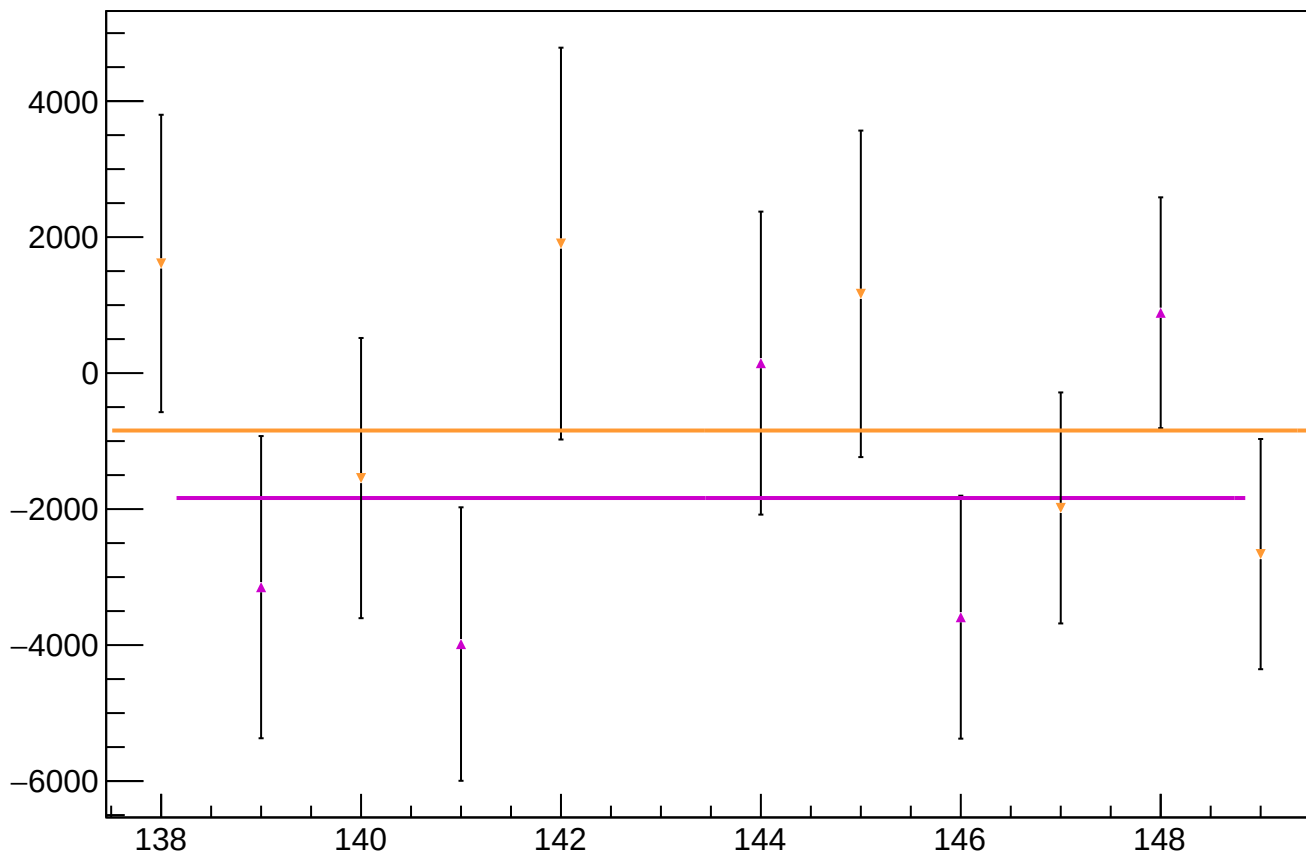
Right: 794.875 $\pm$ 0.152 χ^2 /NDF: 193648.9/33

In: 800.435 $\pm$ 0.173 χ^2 /NDF: 185670.7/20

Out: 795.052 $\pm$ 0.167 χ^2 /NDF: 17185.4/23

All: 797.655 $\pm$ 0.120 χ^2 /NDF: 203358.2/44

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -844.399+/-835.042 χ^2/NDF : 4.6/5

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

Left In: -1837.179+/-873.187 χ^2/NDF : 5.8/4

Left: -1318.631+/-603.498 χ^2/NDF : 11.1/10

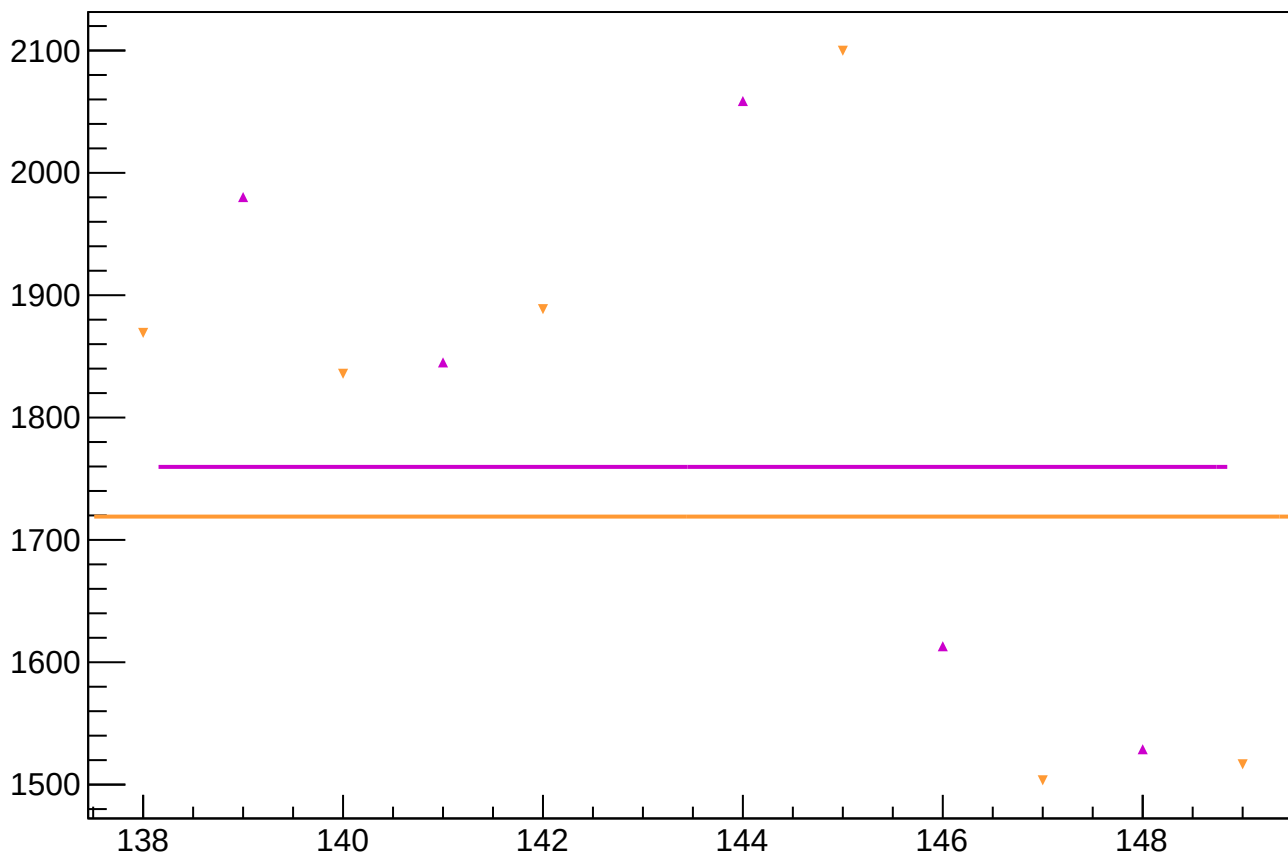
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1837.179+/-873.187 χ^2/NDF : 5.8/4

Out: -844.399+/-835.042 χ^2/NDF : 4.6/5

All: -1318.631+/-603.498 χ^2/NDF : 11.1/10

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1719.060+/-0.590 χ^2/NDF :133882.5/5

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

Left In: 1759.680+/-0.617 χ^2/NDF :109768.3/4

Left: 1738.463+/-0.427 χ^2/NDF : 245911.5/10

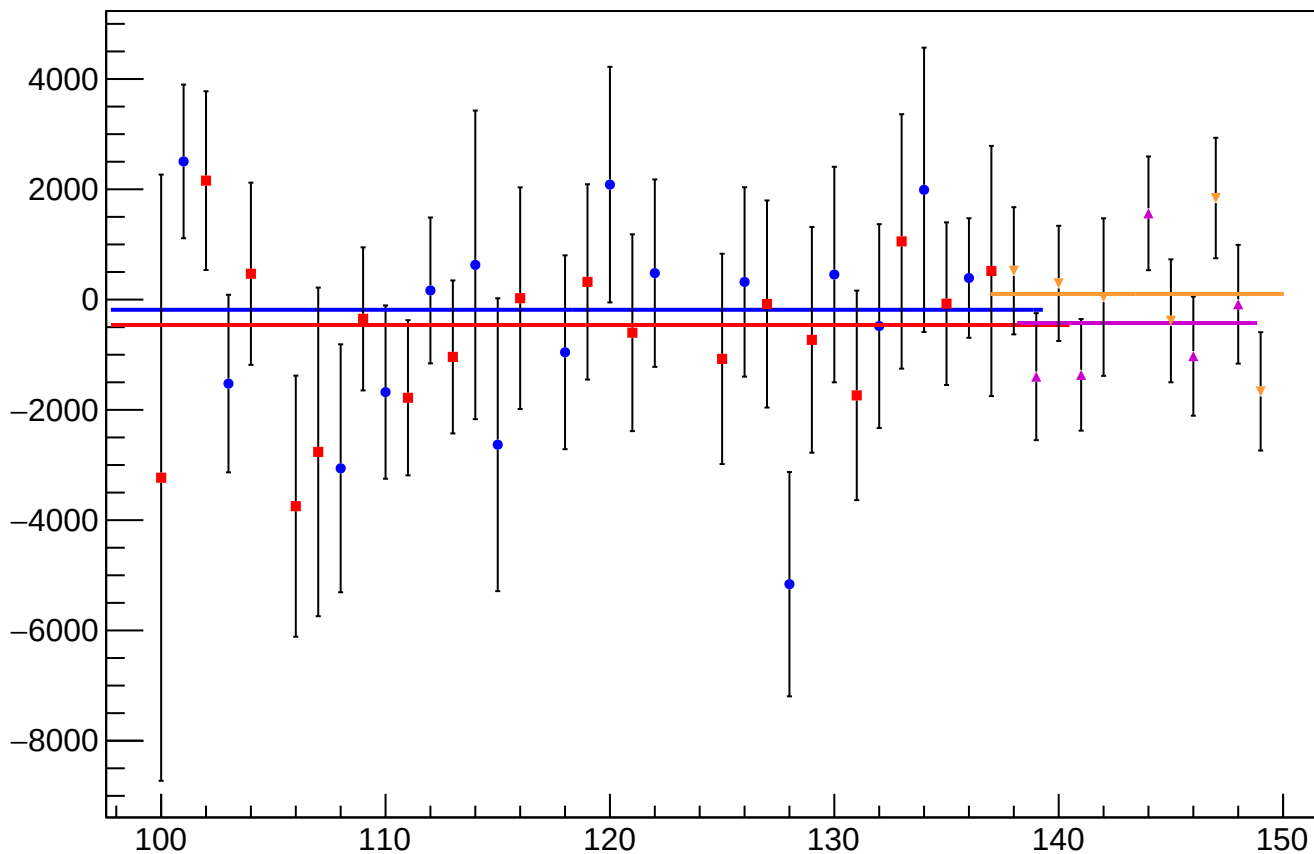
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1759.680+/-0.617 χ^2/NDF :109768.3/4

Out: 1719.060+/-0.590 χ^2/NDF :133882.5/5

All: 1738.463+/-0.427 χ^2/NDF : 245911.5/10

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054 ± 431.495 χ^2/NDF : 16.6/15

Left Out: 101.750 ± 462.720 χ^2/NDF : 5.6/5

Right Out: -461.253 ± 426.921 χ^2/NDF : 8.3/17

Left In: -424.996 ± 477.285 χ^2/NDF : 5.7/4

Left: -153.463 ± 332.222 χ^2/NDF : 11.9/10

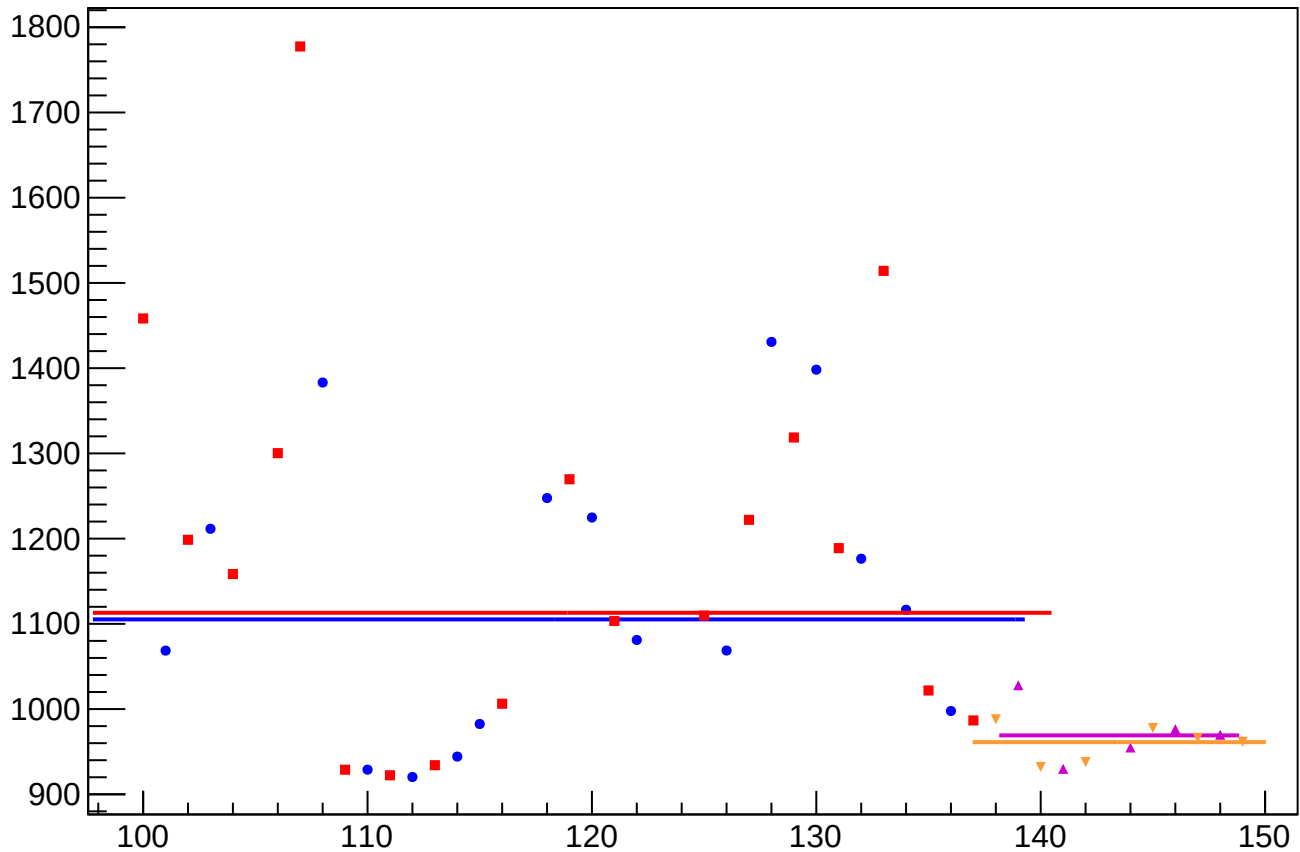
Right: -324.625 ± 303.483 χ^2/NDF : 25.2/33

In: -292.966 ± 320.080 χ^2/NDF : 22.5/20

Out: -202.370 ± 313.772 χ^2/NDF : 14.7/23

All: -246.766 ± 224.067 χ^2/NDF : 37.3/44

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 961.194 $\pm$ 0.327 χ^2 /NDF: 3654.7/5

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

Left In: 969.111 $\pm$ 0.337 χ^2 /NDF: 8700.5/4

Left: 965.030 $\pm$ 0.235 χ^2 /NDF: 12638.9/10

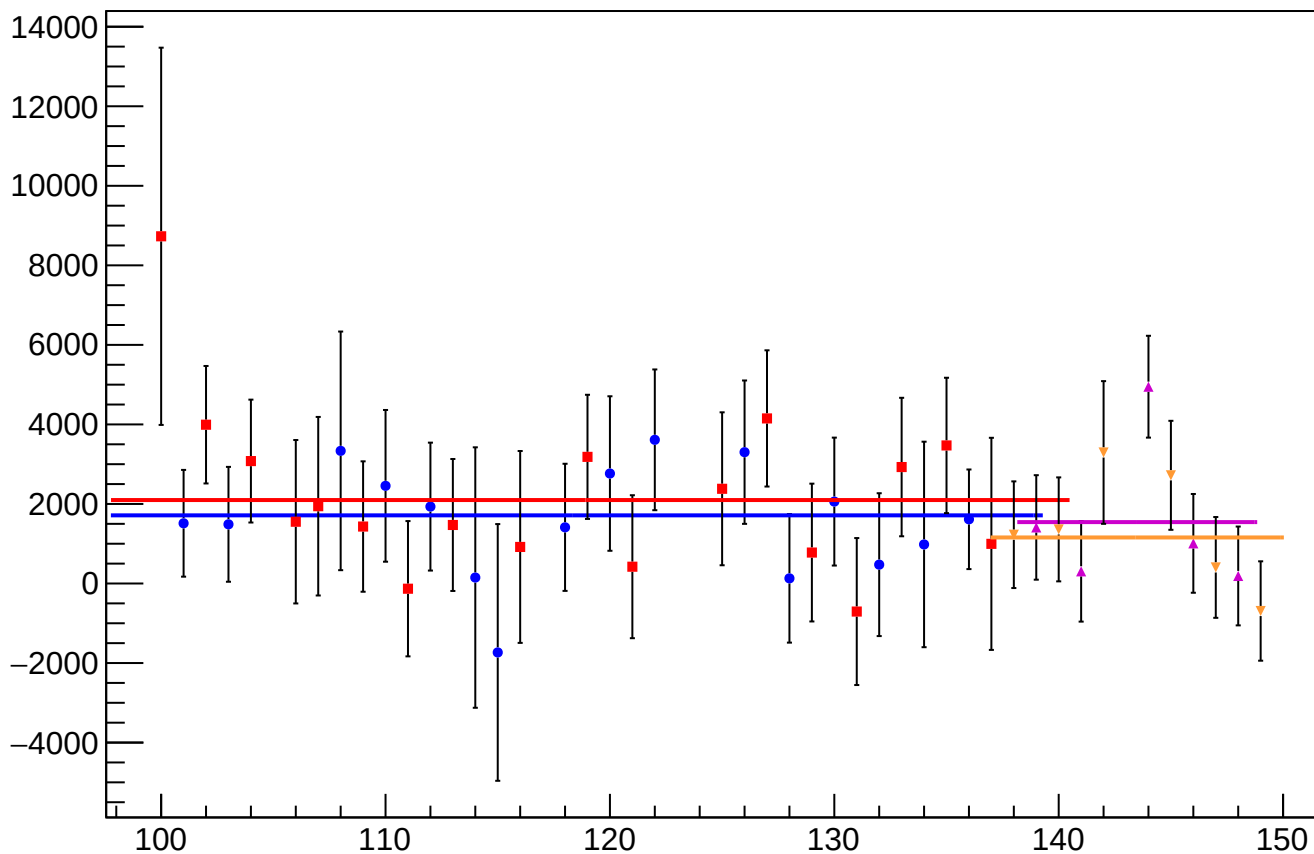
Right: 1109.146 $\pm$ 0.215 χ^2 /NDF: 618686.6/33

In: 1044.015 $\pm$ 0.226 χ^2 /NDF: 353585.3/20

Out: 1043.181 $\pm$ 0.222 χ^2 /NDF: 482891.2/23

All: 1043.590 $\pm$ 0.158 χ^2 /NDF: 836483.4/44

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1713.558 ± 440.802 $\chi^2/\text{NDF}: 5.7/15$

Left Out: 1157.572 ± 554.903 $\chi^2/\text{NDF}: 5.3/5$

Right Out: 2098.291 ± 431.016 $\chi^2/\text{NDF}: 13.1/17$

Left In: 1543.772 ± 566.915 $\chi^2/\text{NDF}: 9.4/4$

Left: 1346.537 ± 396.554 $\chi^2/\text{NDF}: 14.9/10$

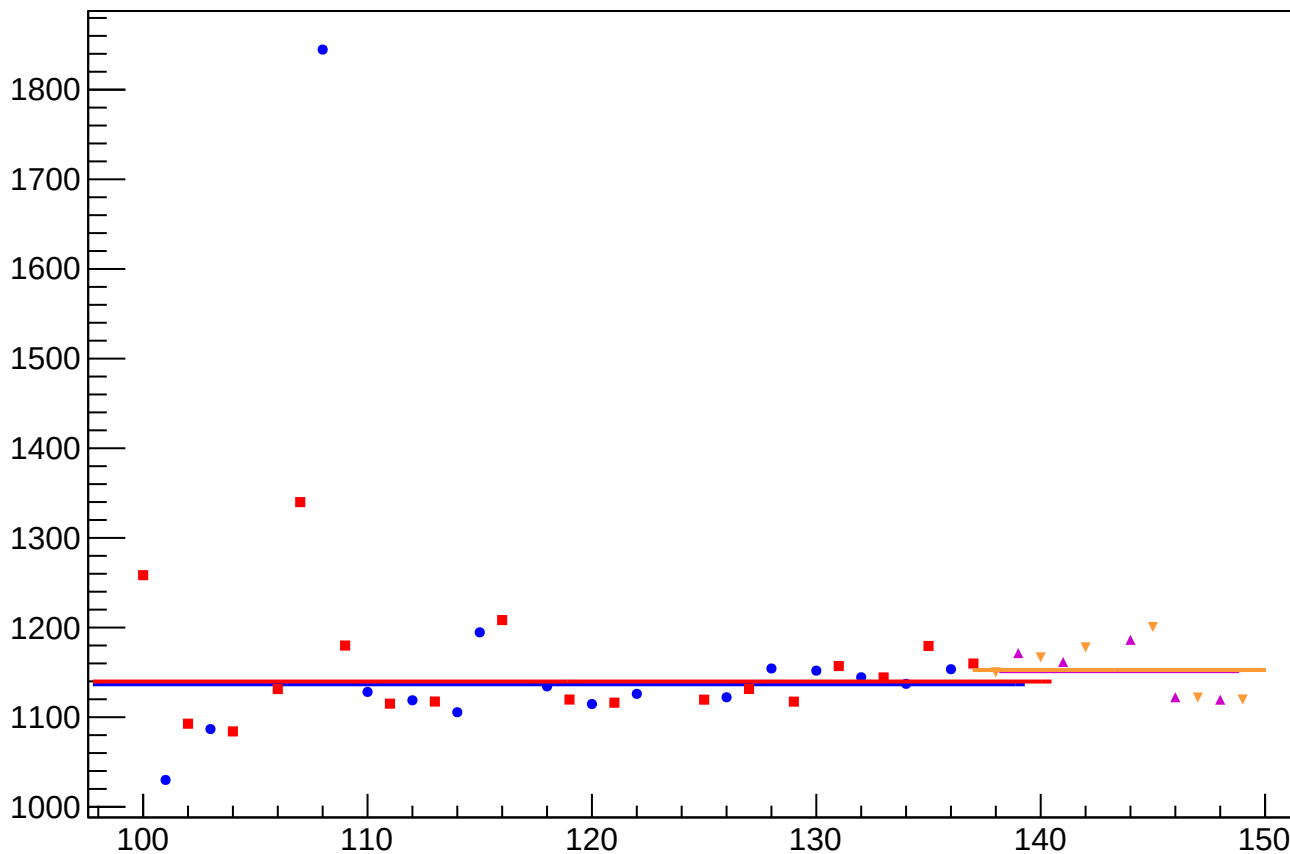
Right: 1910.242 ± 308.176 $\chi^2/\text{NDF}: 19.2/33$

In: 1649.585 ± 347.987 $\chi^2/\text{NDF}: 15.2/20$

Out: 1744.302 ± 340.394 $\chi^2/\text{NDF}: 20.2/23$

All: 1697.988 ± 243.335 $\chi^2/\text{NDF}: 35.4/44$

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1136.737 $\pm$ 0.312 χ^2 /NDF: 128798.3/15

Left Out: 1152.635 $\pm$ 0.392 χ^2 /NDF: 5648.4/5

Right Out: 1139.790 $\pm$ 0.305 χ^2 /NDF: 28066.5/17

Left In: 1151.352 $\pm$ 0.401 χ^2 /NDF: 4495.3/4

Left: 1152.007 $\pm$ 0.280 χ^2 /NDF: 10149.0/10

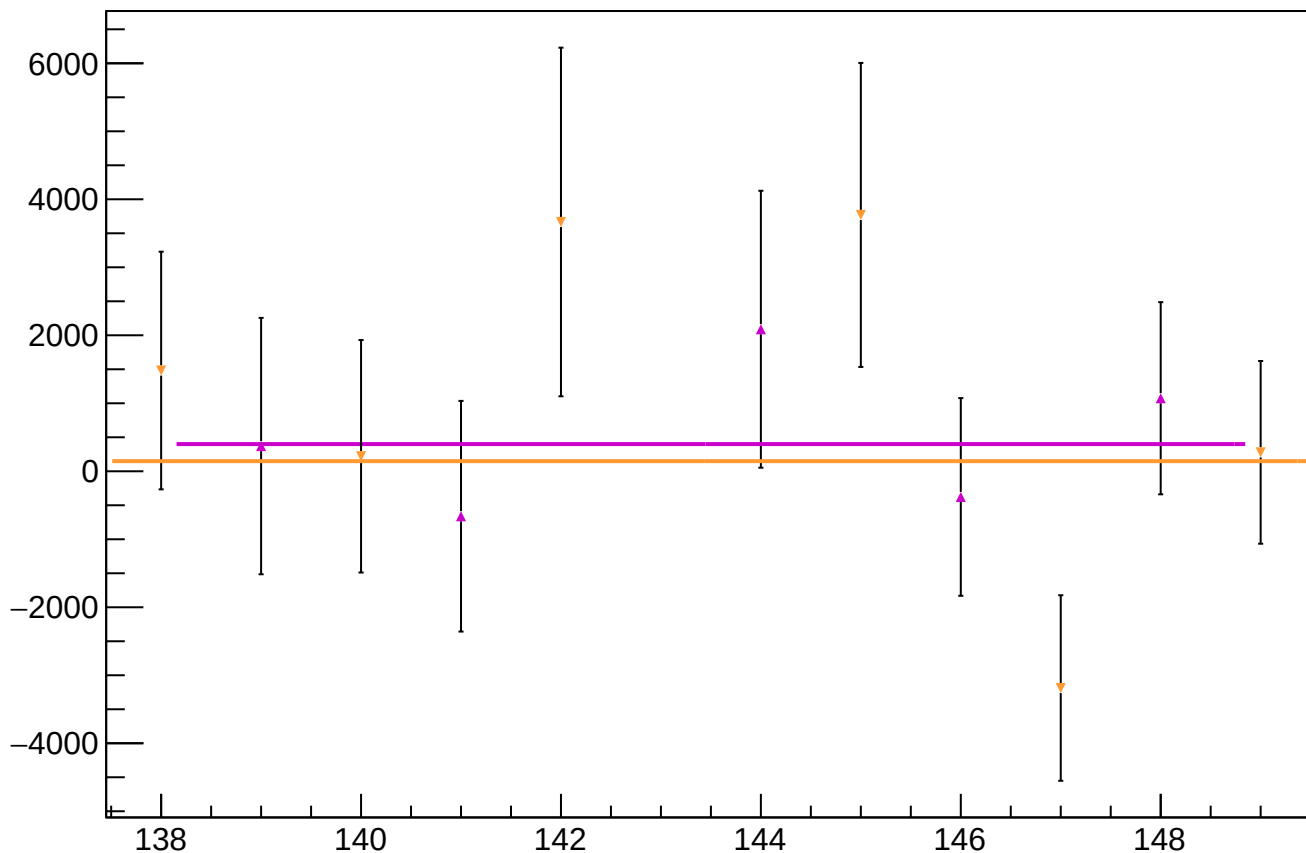
Right: 1138.298 $\pm$ 0.218 χ^2 /NDF: 156913.9/33

In: 1142.244 $\pm$ 0.246 χ^2 /NDF: 134122.0/20

Out: 1144.624 $\pm$ 0.241 χ^2 /NDF: 34383.3/23

All: 1143.460 $\pm$ 0.172 χ^2 /NDF: 168553.1/44

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 148.826+/-687.932 χ^2/NDF :11.1/5

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

Left In: 399.875+/-736.403 χ^2/NDF :1.6/4

Left: 265.817+/-502.704 χ^2/NDF : 12.7/10

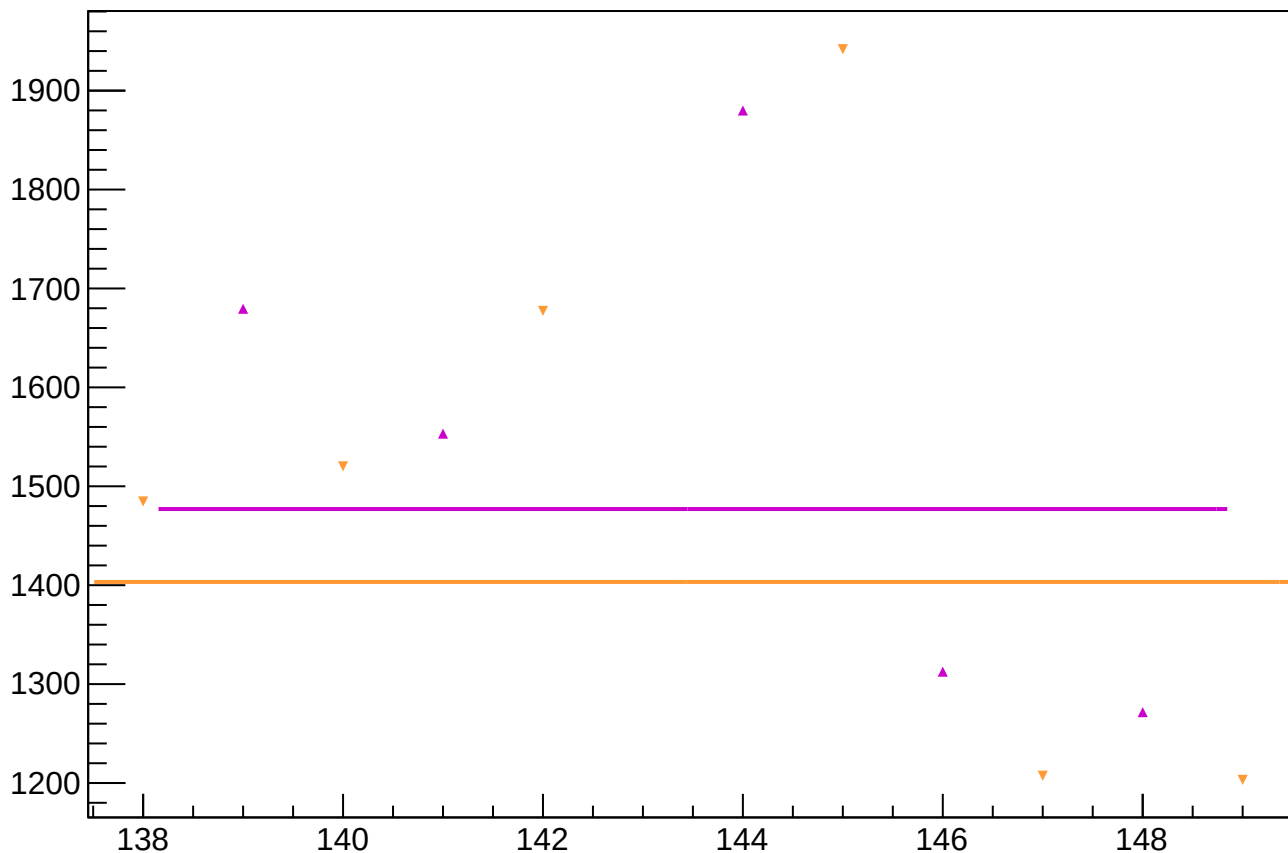
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.875+/-736.403 χ^2/NDF :1.6/4

Out: 148.826+/-687.932 χ^2/NDF :11.1/5

All: 265.817+/-502.704 χ^2/NDF : 12.7/10

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1403.281+/-0.486 χ^2/NDF :238219.9/5

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

Left In: 1477.009+/-0.521 χ^2/NDF :173231.3/4

Left: 1437.639+/-0.355 χ^2/NDF : 422156.3/10

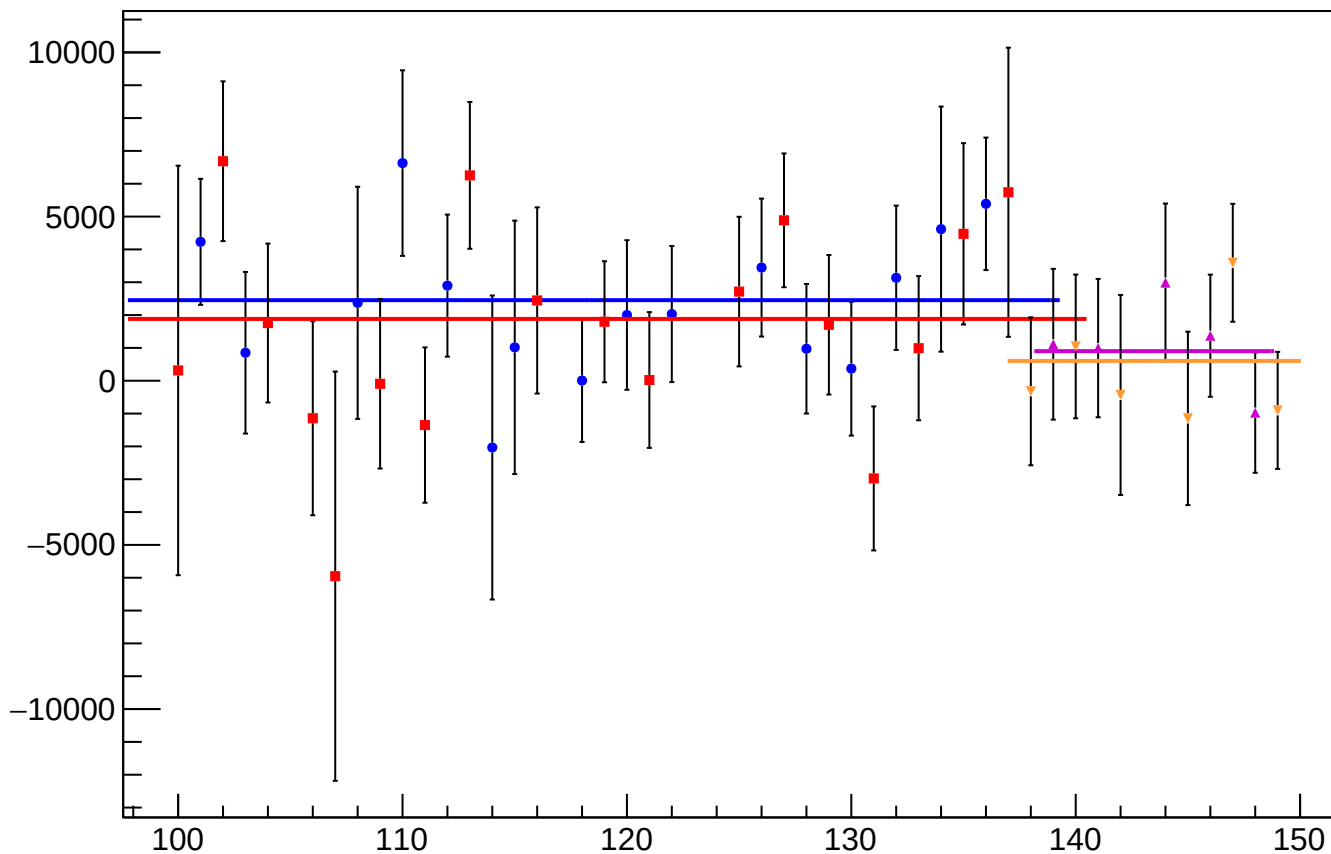
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1477.009+/-0.521 χ^2/NDF :173231.3/4

Out: 1403.281+/-0.486 χ^2/NDF :238219.9/5

All: 1437.639+/-0.355 χ^2/NDF : 422156.3/10

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670+/-584.307 χ^2/NDF : 10.8/15

Left Out: 602.994+/-883.293 χ^2/NDF : 4.2/5

Right Out: 1882.755+/-583.188 χ^2/NDF : 22.8/17

Left In: 901.234+/-922.905 χ^2/NDF : 1.9/4

Left: 745.577+/-638.127 χ^2/NDF : 6.2/10

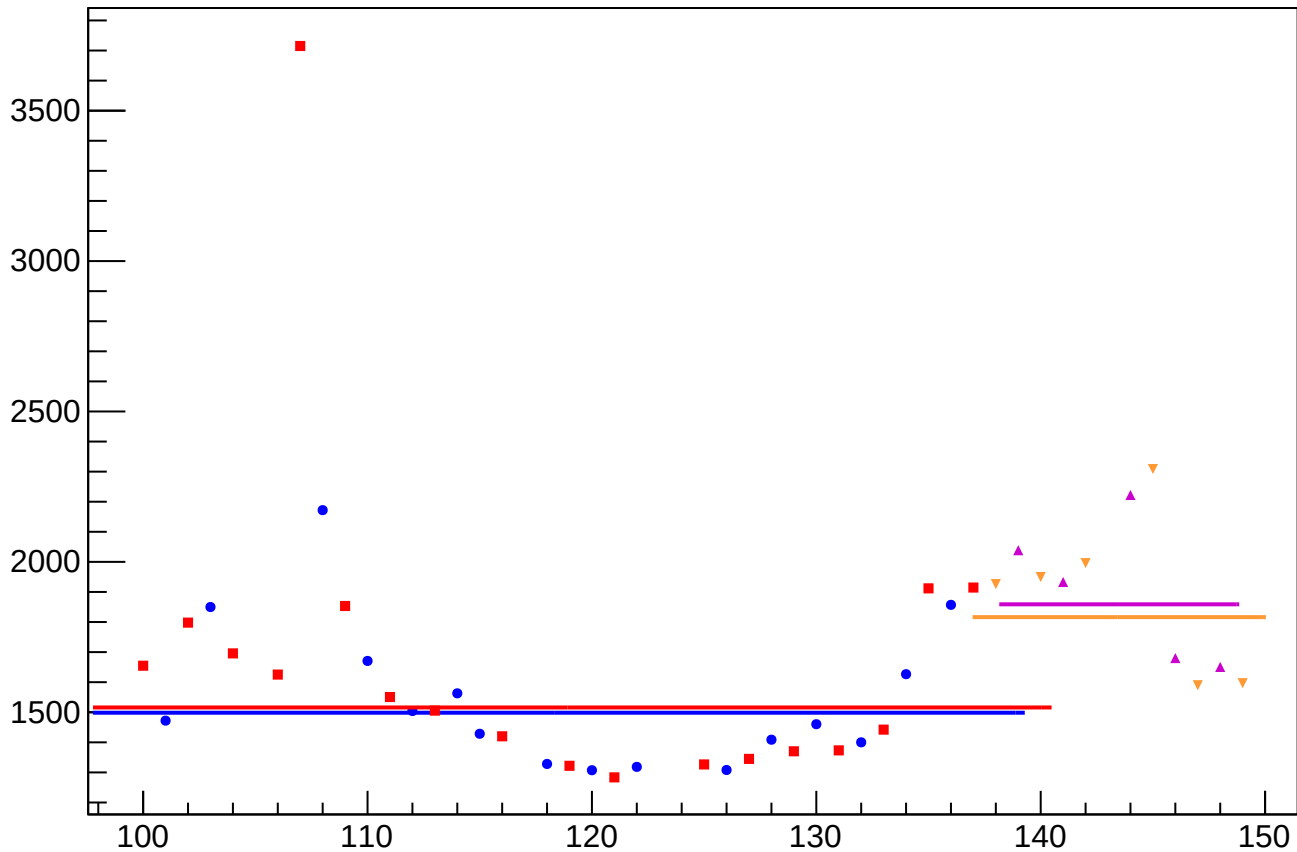
Right: 2167.665+/-412.771 χ^2/NDF : 34.0/33

In: 2009.454+/-493.682 χ^2/NDF : 14.6/20

Out: 1494.241+/-486.680 χ^2/NDF : 28.5/23

All: 1748.168+/-346.584 χ^2/NDF : 43.7/44

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485+/-0.413 χ^2/NDF : 258807.5/15

Left Out: 1816.286+/-0.625 χ^2/NDF : 150747.7/5

Right Out: 1515.949+/-0.412 χ^2/NDF : 480541.4/17

Left In: 1858.901+/-0.653 χ^2/NDF : 104622.3/4

Left: 1836.660+/-0.451 χ^2/NDF : 257595.6/10

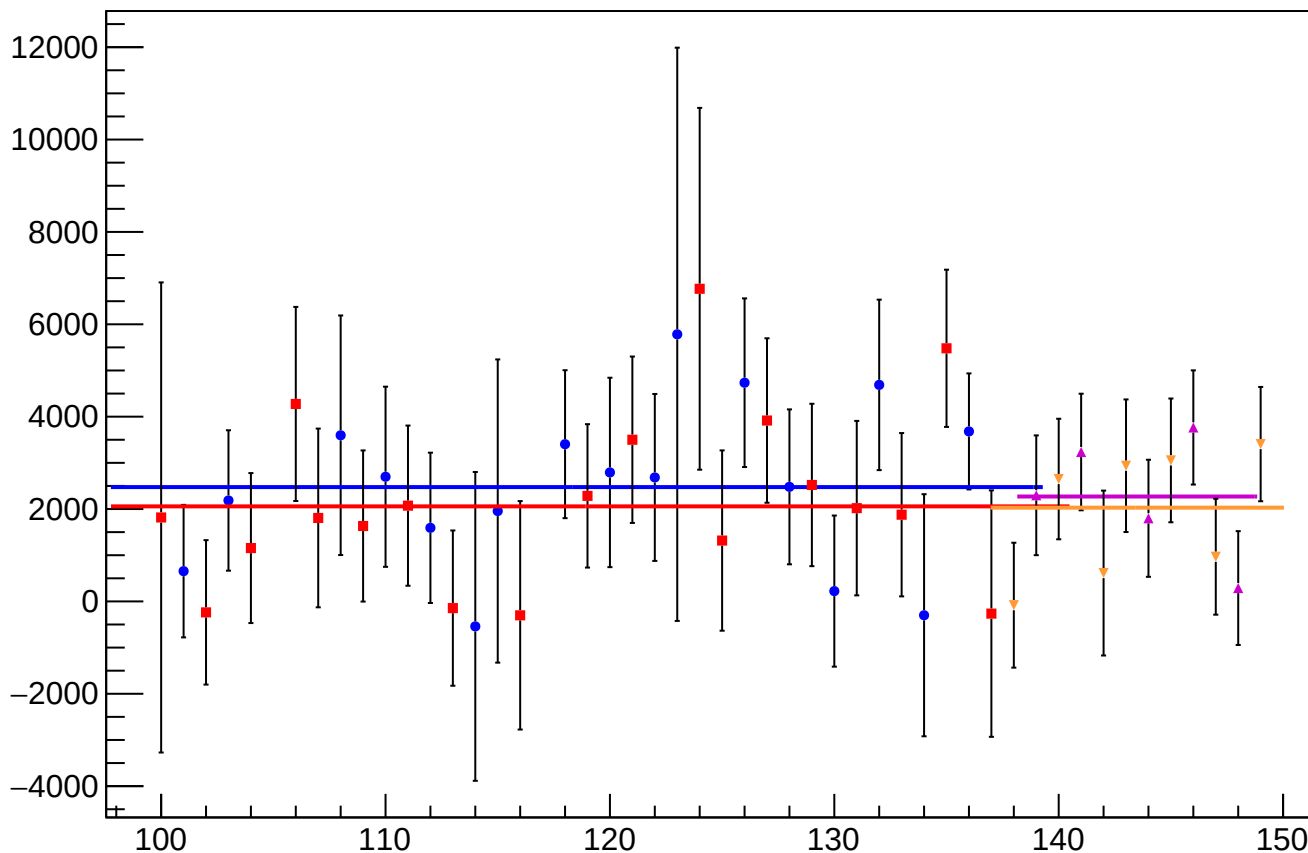
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

In: 1601.615+/-0.349 χ^2/NDF : 581169.9/20

Out: 1607.126+/-0.344 χ^2/NDF : 792319.9/23

All: 1604.410+/-0.245 χ^2/NDF : 1373616.2/44

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2475.300+/-449.379 χ^2/NDF : 10.5/16

Left Out: 2029.567+/-514.413 χ^2/NDF : 6.2/6

Right Out: 2057.800+/-433.574 χ^2/NDF : 14.5/18

Left In: 2271.144+/-562.750 χ^2/NDF : 4.8/4

Left: 2139.537+/-379.686 χ^2/NDF : 11.1/11

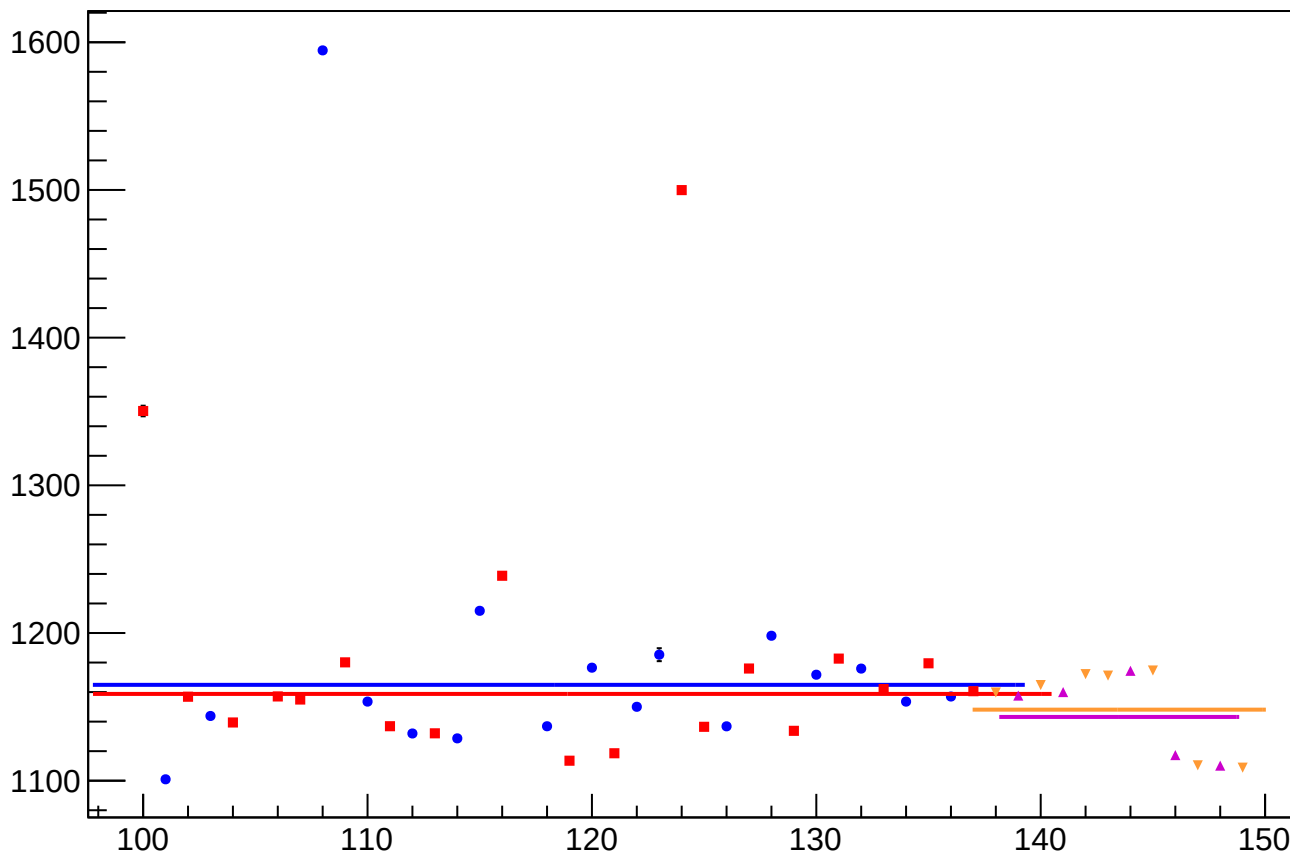
Right: 2259.079+/-312.021 χ^2/NDF : 25.5/35

In: 2395.806+/-351.156 χ^2/NDF : 15.4/21

Out: 2046.074+/-331.524 χ^2/NDF : 20.7/25

All: 2210.891+/-241.064 χ^2/NDF : 36.7/47

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1164.904 ± 0.318 χ^2/NDF : 63136.4/16

Left Out: 1148.111 ± 0.364 χ^2/NDF : 5956.6/6

Right Out: 1158.758 ± 0.307 χ^2/NDF : 25723.5/18

Left In: 1143.170 ± 0.398 χ^2/NDF : 4125.6/4

Left: 1145.862 ± 0.268 χ^2/NDF : 10166.2/11

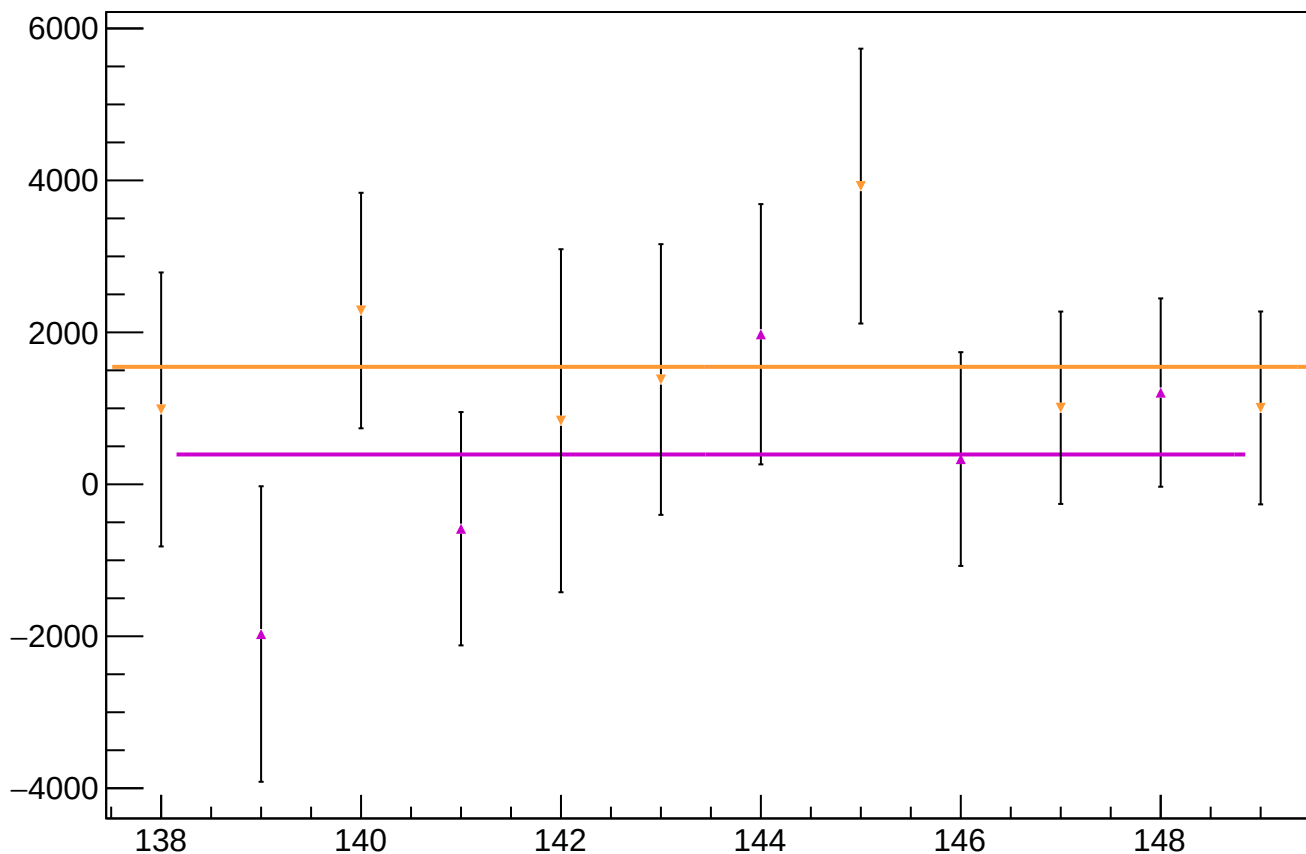
Right: 1161.721 ± 0.221 χ^2/NDF : 89053.7/35

In: 1156.441 ± 0.248 χ^2/NDF : 69083.6/21

Out: 1154.336 ± 0.234 χ^2/NDF : 32181.0/25

All: 1155.328 ± 0.170 χ^2/NDF : 101302.7/47

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1546.171+/-599.165 χ^2/NDF : 2.5/6

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

Left In: 392.863+/-676.403 χ^2/NDF : 3.2/4

Left: 1039.097+/-448.506 χ^2/NDF : 7.3/11

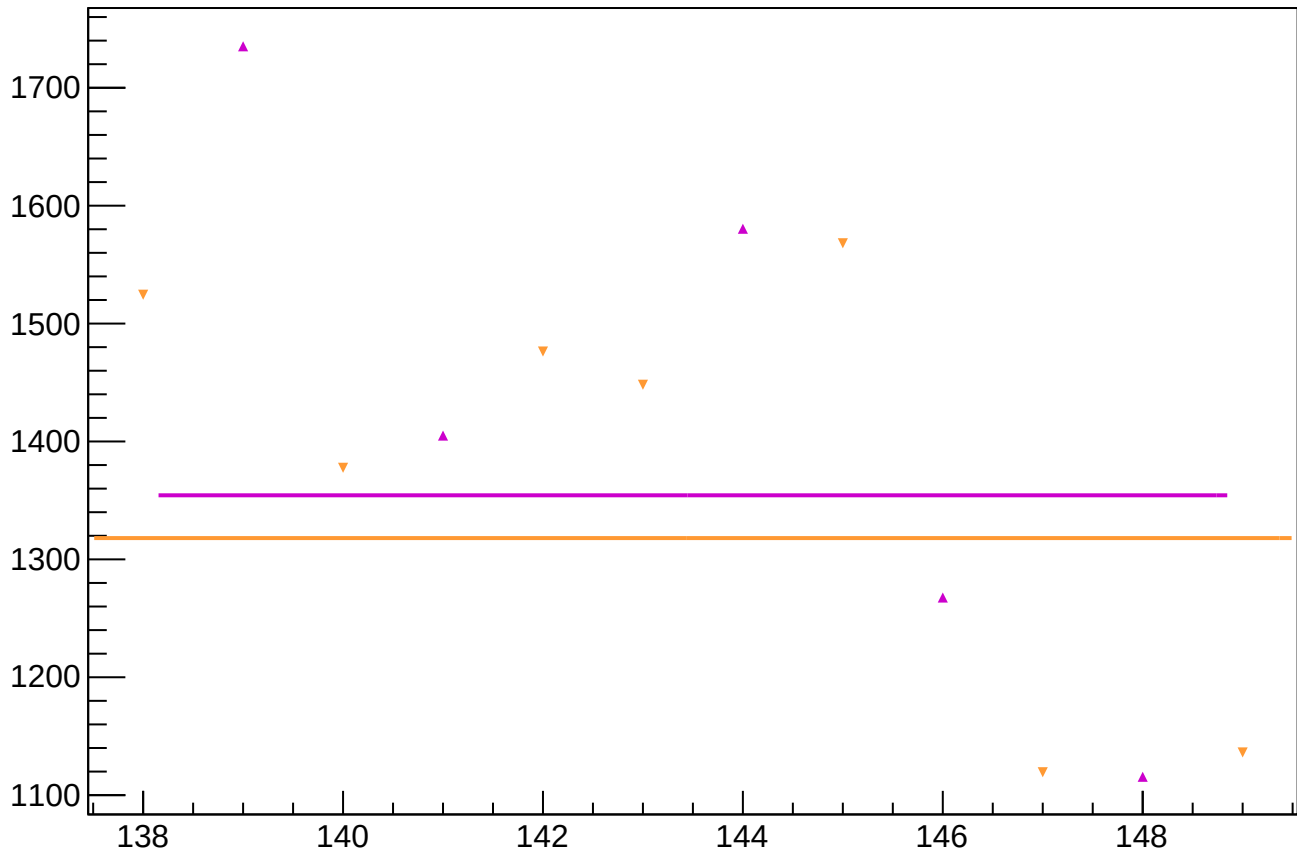
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 392.863+/-676.403 χ^2/NDF : 3.2/4

Out: 1546.171+/-599.165 χ^2/NDF : 2.5/6

All: 1039.097+/-448.506 χ^2/NDF : 7.3/11

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1318.049+/-0.424 χ^2/NDF :178153.4/6

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

Left In: 1354.339+/-0.478 χ^2/NDF :195523.0/4

Left: 1334.004+/-0.317 χ^2/NDF : 376902.2/11

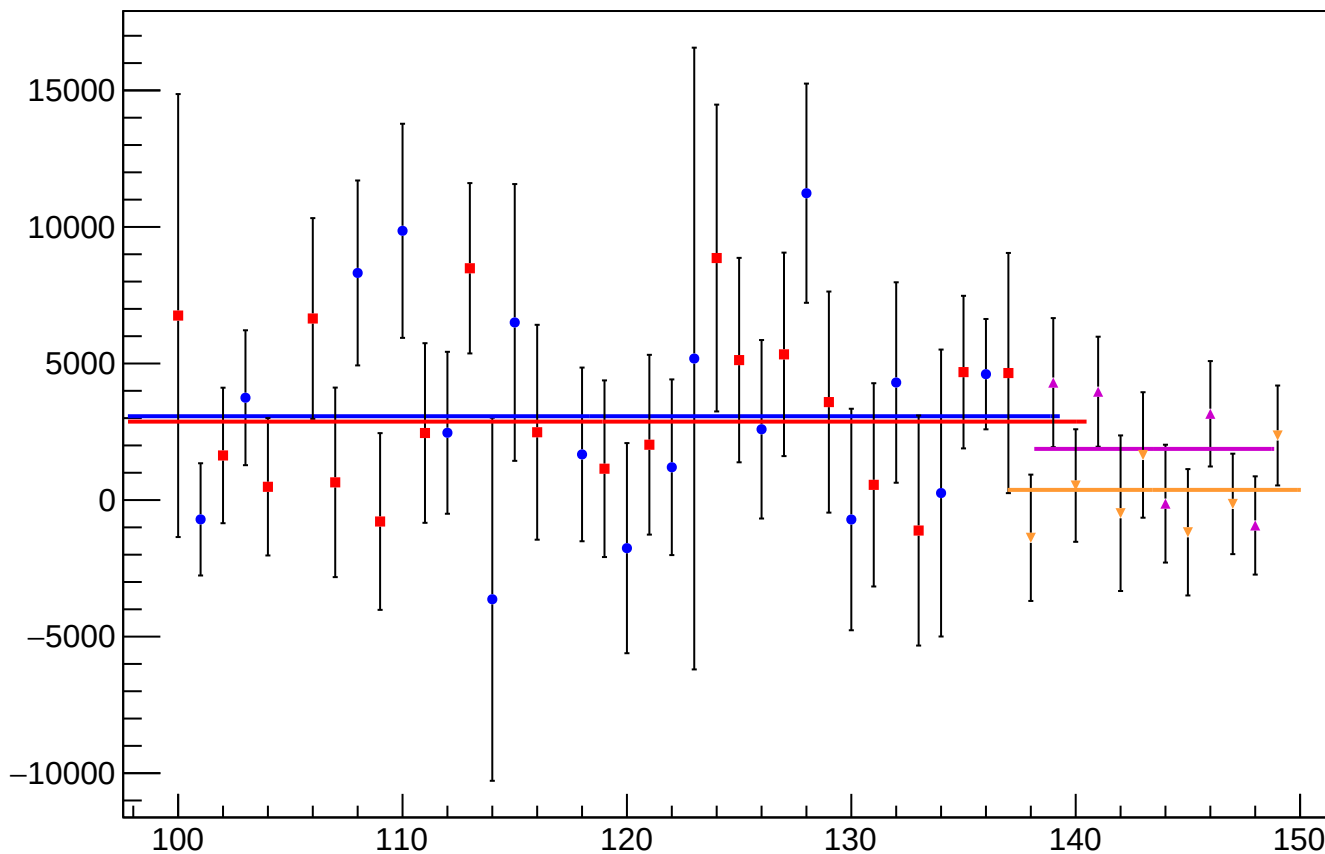
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1354.339+/-0.478 χ^2/NDF :195523.0/4

Out: 1318.049+/-0.424 χ^2/NDF :178153.4/6

All: 1334.004+/-0.317 χ^2/NDF : 376902.2/11

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 372.515+/-812.062 χ^2/NDF : 2.7/6

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

Left In: 1873.306+/-906.108 χ^2/NDF : 5.9/4

Left: 1041.009+/-604.740 χ^2/NDF : 10.1/11

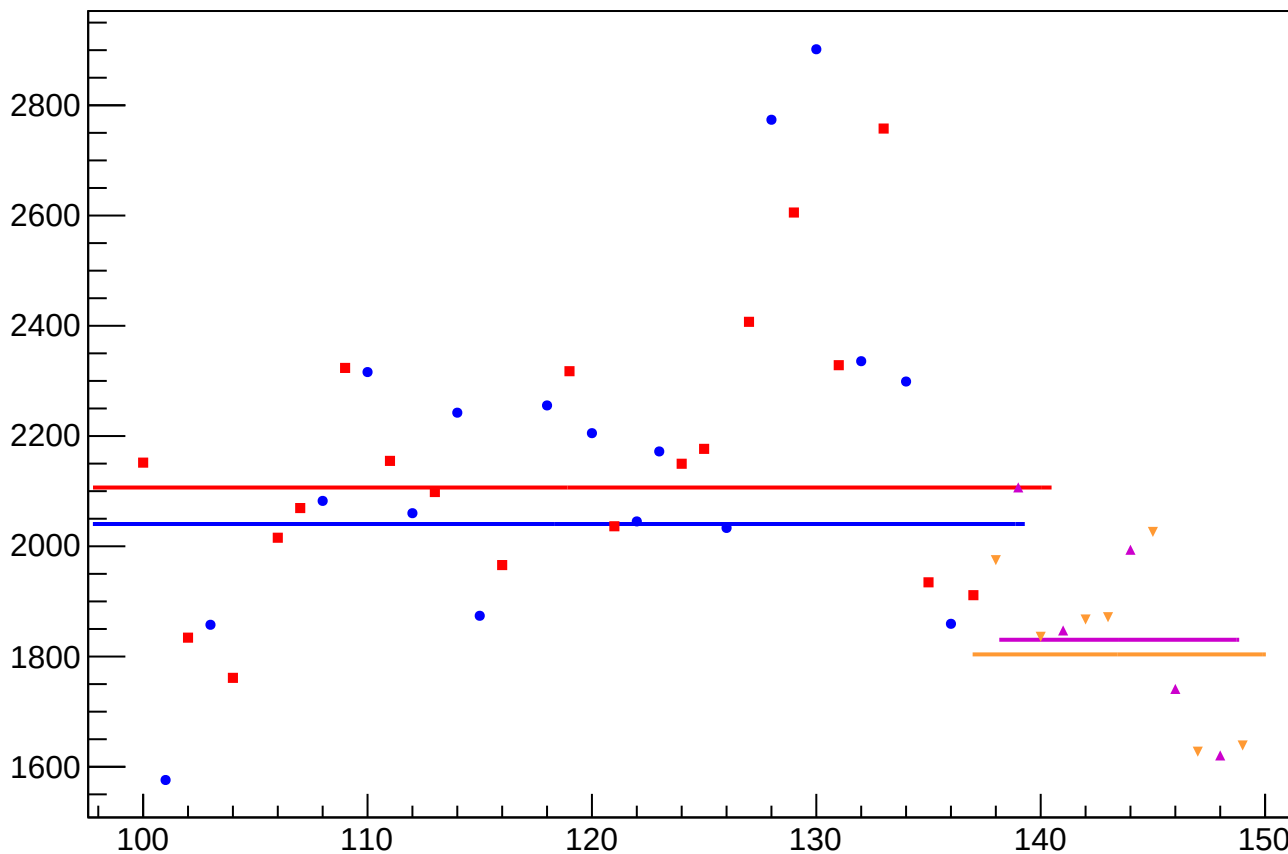
Right: 2970.754+/-563.242 χ^2/NDF : 30.1/35

In: 2547.167+/-598.755 χ^2/NDF : 25.4/21

Out: 1648.552+/-568.215 χ^2/NDF : 19.1/25

All: 2074.359+/-412.162 χ^2/NDF : 45.7/47

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1803.892+/-0.574 χ^2/NDF : 67296.2/6

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

Left In: 1830.440+/-0.641 χ^2/NDF : 70453.5/4

Left: 1815.717+/-0.428 χ^2/NDF : 138701.8/11

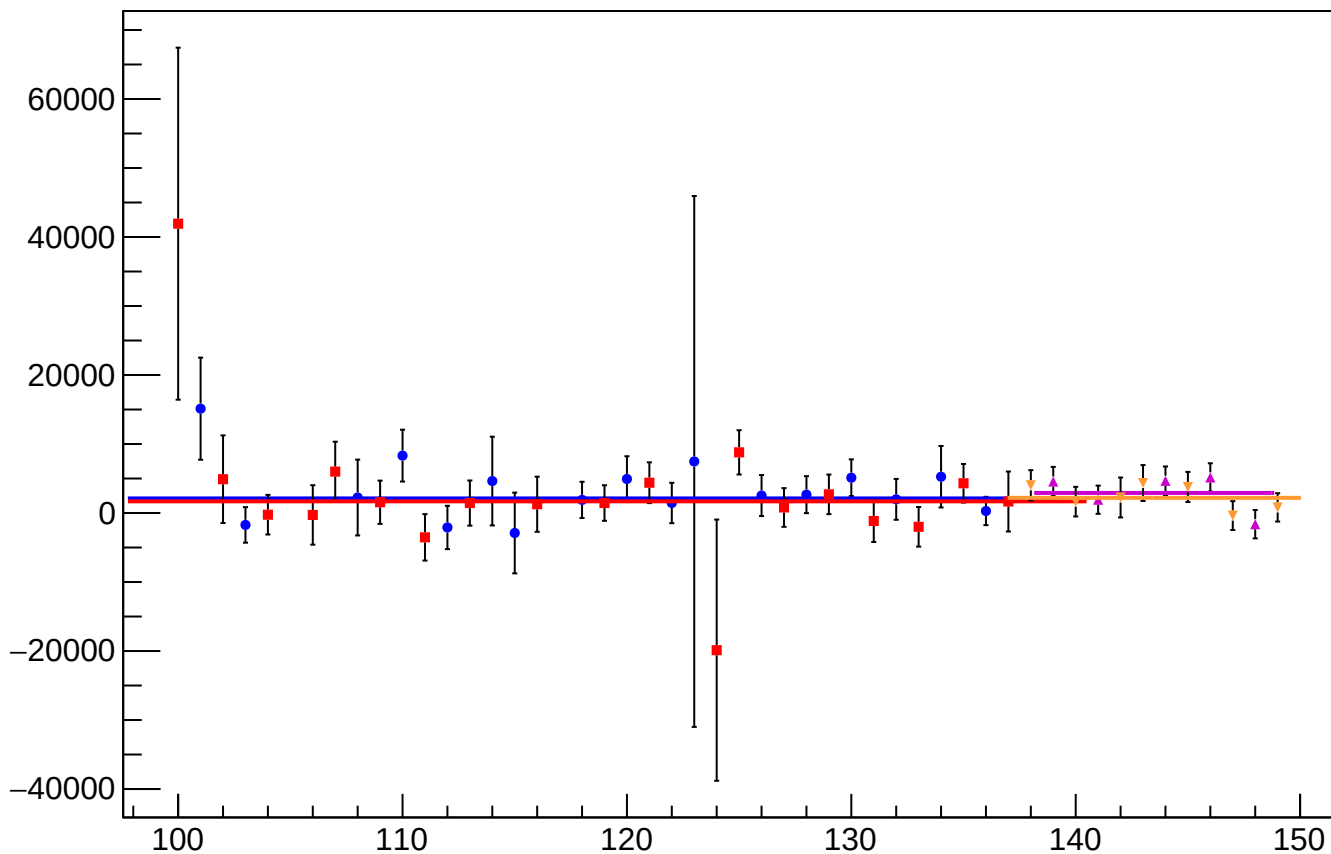
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

In: 1948.739+/-0.423 χ^2/NDF : 462307.5/21

Out: 1958.404+/-0.402 χ^2/NDF : 404575.6/25

All: 1953.824+/-0.291 χ^2/NDF : 867157.3/47

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2115.027 $\pm$ 795.794 χ^2 /NDF: 14.2/16

Left Out: 2196.253 $\pm$ 854.959 χ^2 /NDF: 3.9/6

Right Out: 1691.127 $\pm$ 784.678 χ^2 /NDF: 17.5/18

Left In: 2911.208 $\pm$ 925.103 χ^2 /NDF: 7.6/4

Left: 2525.601 $\pm$ 627.883 χ^2 /NDF: 11.9/11

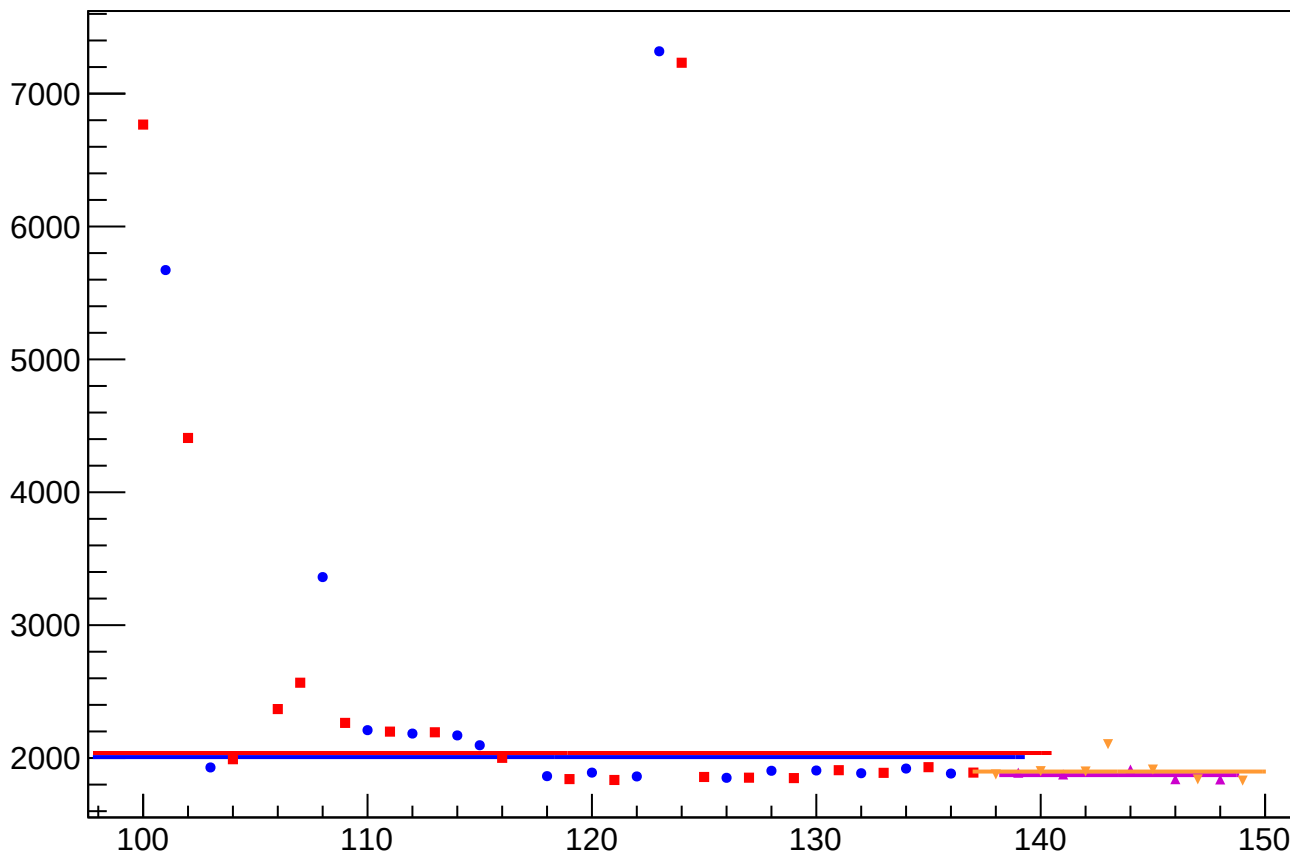
Right: 1900.096 $\pm$ 558.740 χ^2 /NDF: 31.8/35

In: 2453.628 $\pm$ 603.293 χ^2 /NDF: 22.2/21

Out: 1922.078 $\pm$ 578.103 χ^2 /NDF: 21.6/25

All: 2176.524 $\pm$ 417.402 χ^2 /NDF: 44.2/47

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2007.037+/-0.563 χ^2/NDF : 702361.7/16

Left Out: 1898.238+/-0.605 χ^2/NDF :16616.1/6

Right Out: 2037.781+/-0.555 χ^2/NDF : 618966.5/18

Left In: 1871.412+/-0.654 χ^2/NDF :1922.9/4

Left: 1885.881+/-0.444 χ^2/NDF : 19446.0/11

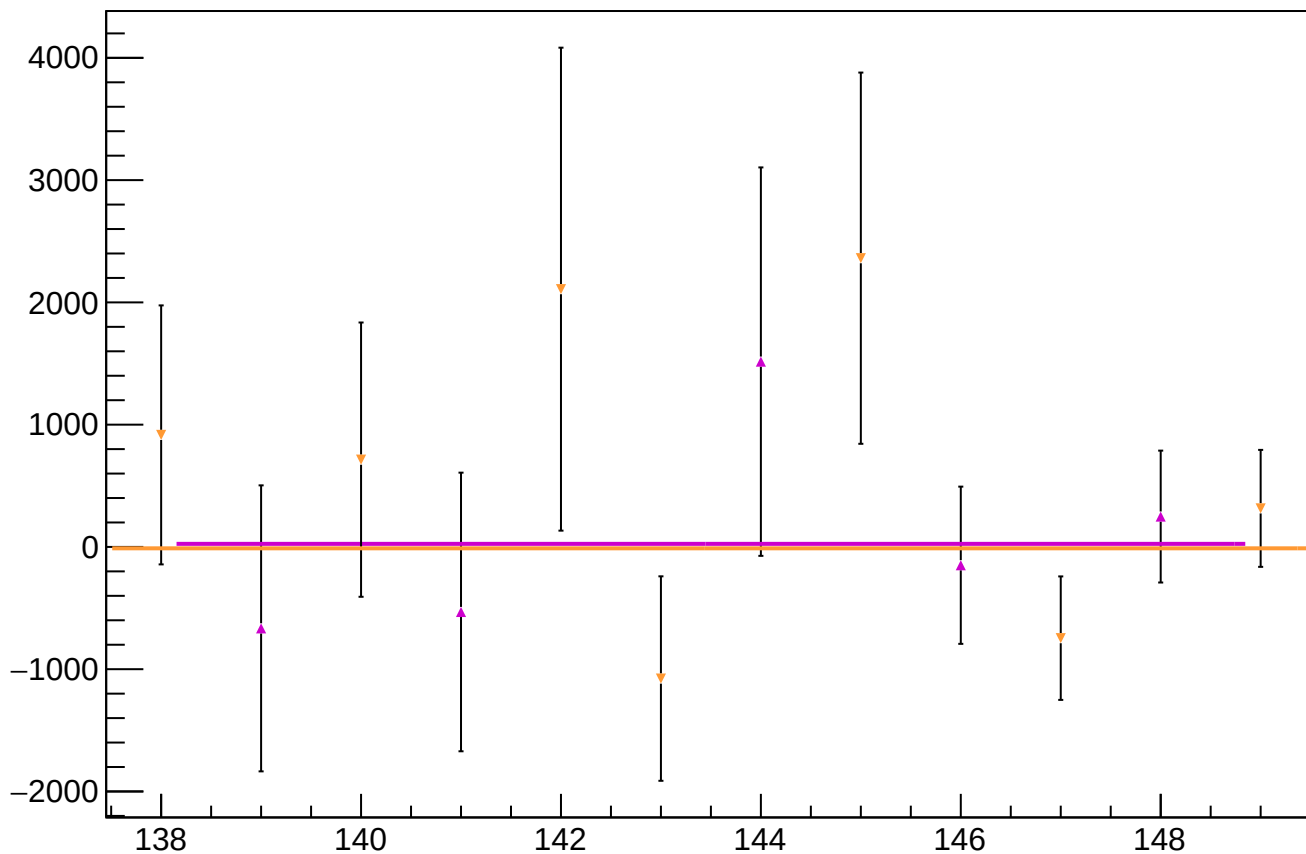
Right: 2022.626+/-0.395 χ^2/NDF : 1322841.6/35

In: 1949.359+/-0.427 χ^2/NDF :728989.7/21

Out: 1973.980+/-0.409 χ^2/NDF :664501.6/25

All: 1962.194+/-0.295 χ^2/NDF : 1395227.9/47

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -11.425+/-287.486 χ^2/NDF : 9.0/6

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

Left In: 25.154+/-359.105 χ^2/NDF : 1.7/4

Left: 2.862+/-224.427 χ^2/NDF : 10.7/11

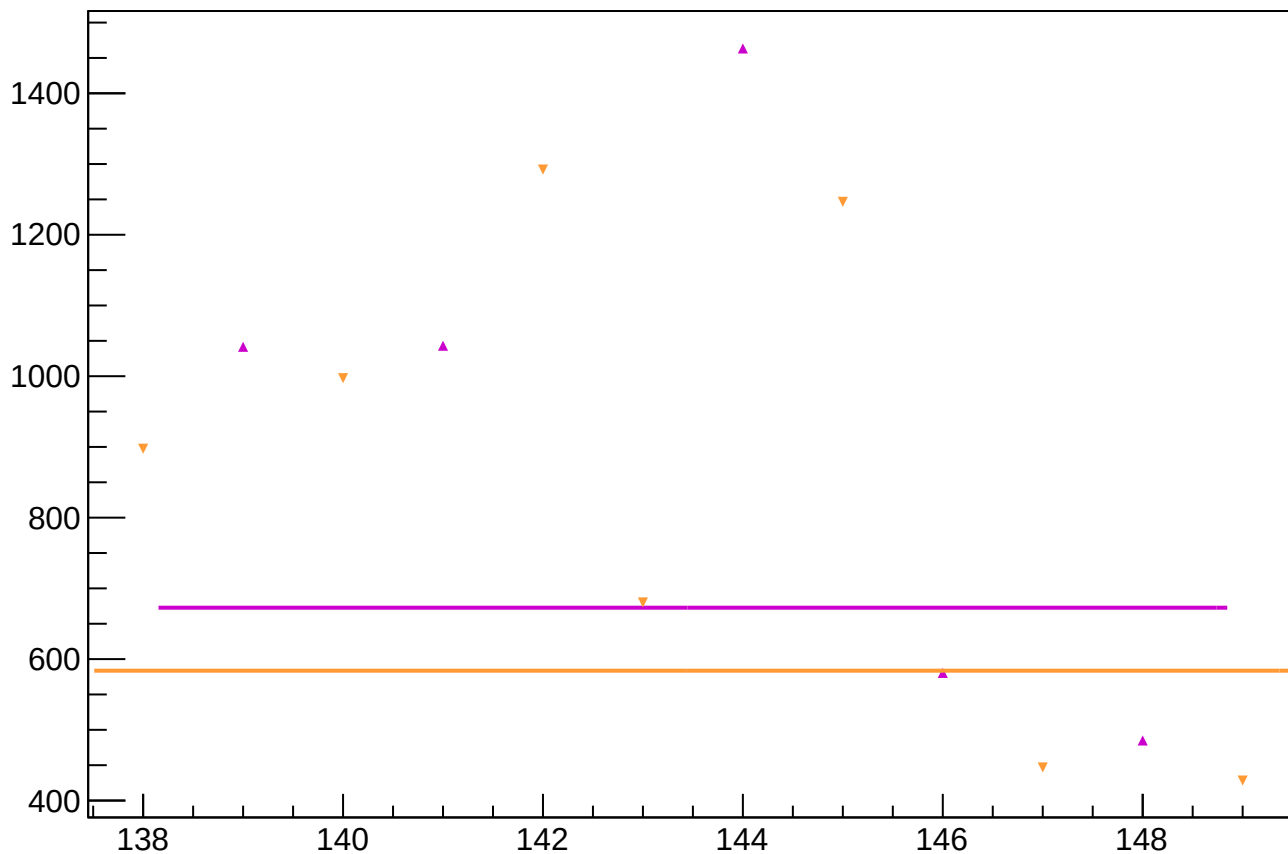
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.154+/-359.105 χ^2/NDF : 1.7/4

Out: -11.425+/-287.486 χ^2/NDF : 9.0/6

All: 2.862+/-224.427 χ^2/NDF : 10.7/11

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 583.636+/-0.203 χ^2/NDF :1470726.2/6

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

Left In: 672.676+/-0.254 χ^2/NDF :1189392.8/4

Left: 618.413+/-0.159 χ^2/NDF : 2735053.5/11

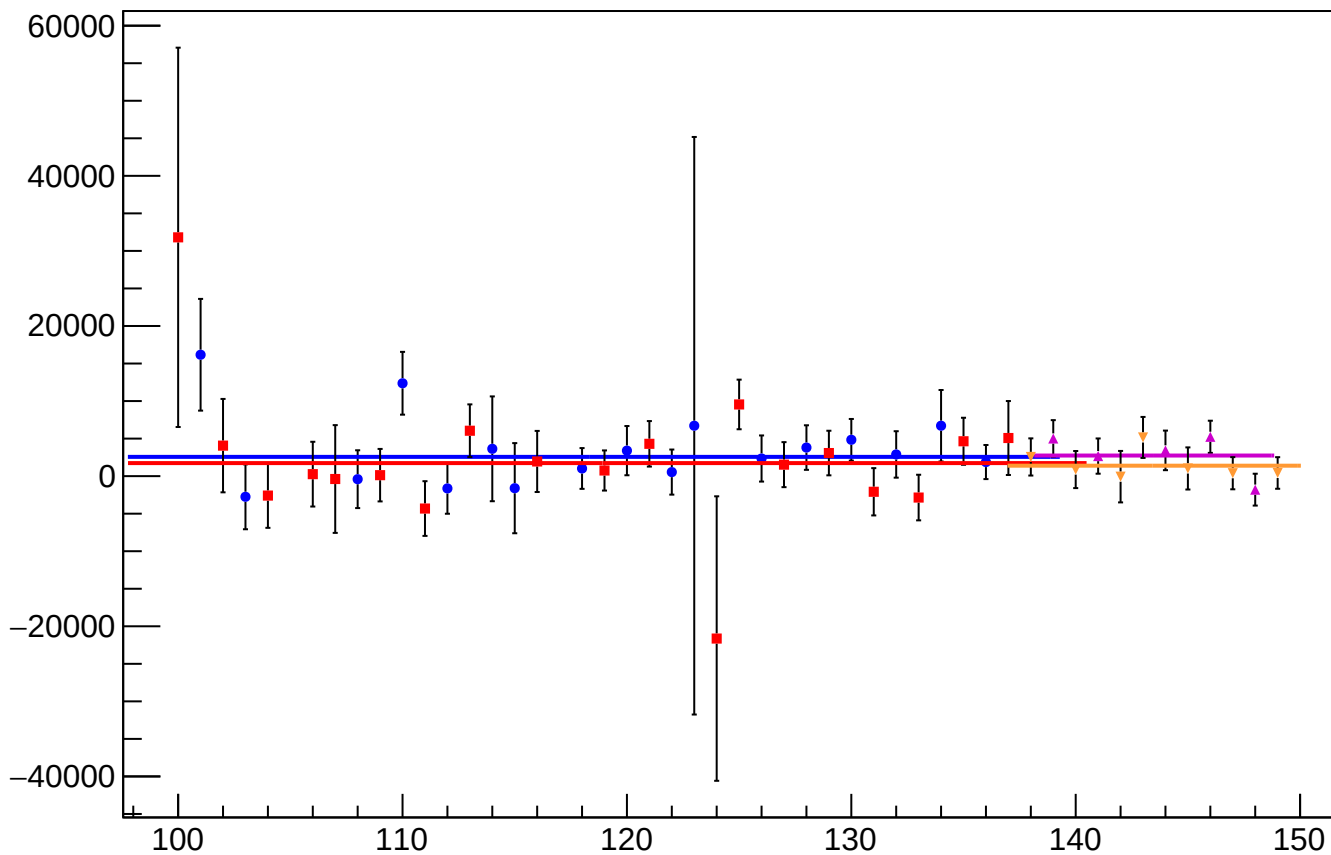
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 672.676+/-0.254 χ^2/NDF :1189392.8/4

Out: 583.636+/-0.203 χ^2/NDF :1470726.2/6

All: 618.413+/-0.159 χ^2/NDF : 2735053.5/11

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1392.028 $\pm$ 946.269 χ^2 /NDF: 2.8/6

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

Left In: 2744.400 $\pm$ 1035.263 χ^2 /NDF: 6.9/4

Left: 2007.599 $\pm$ 698.460 χ^2 /NDF: 10.6/11

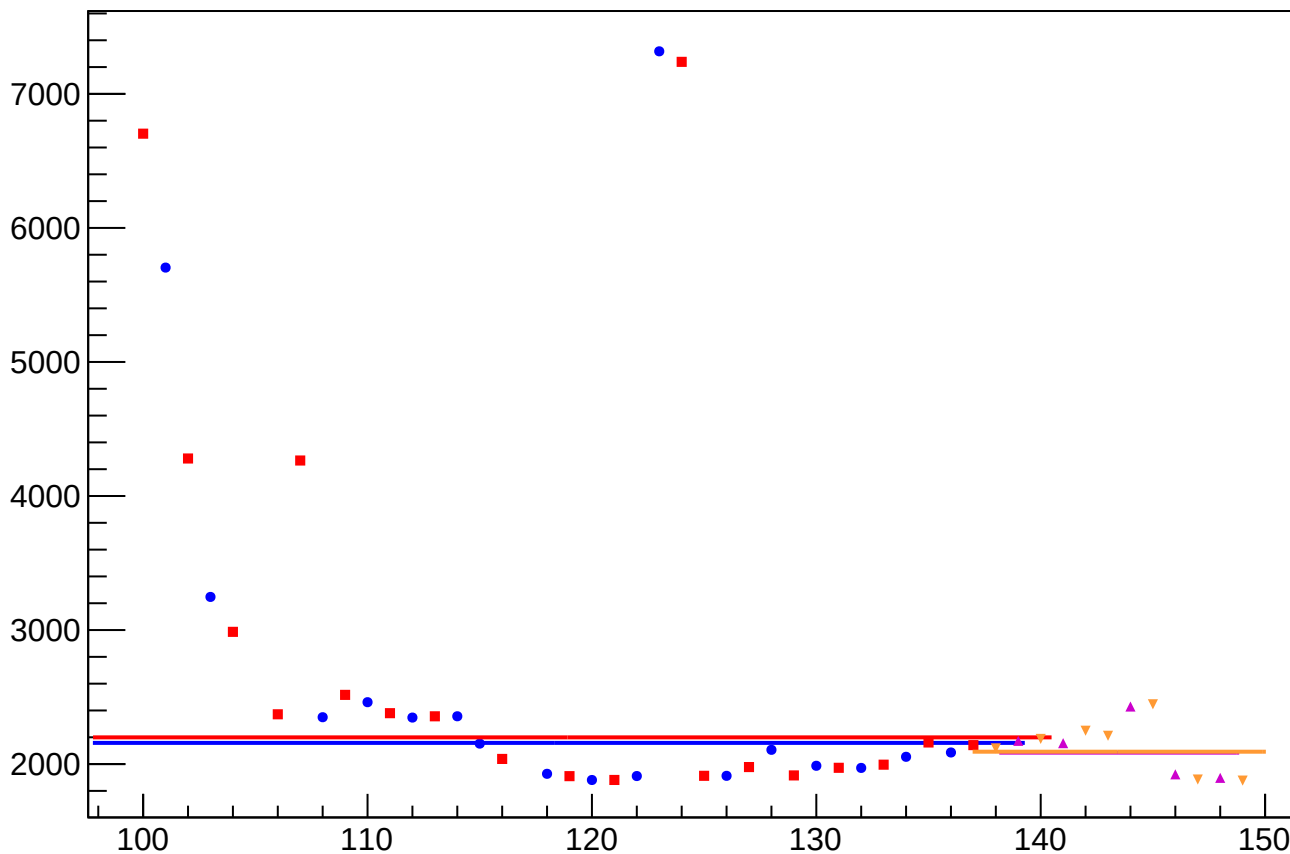
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 2638.923 $\pm$ 659.739 χ^2 /NDF: 22.5/21

Out: 1582.689 $\pm$ 633.652 χ^2 /NDF: 23.4/25

All: 2089.511 $\pm$ 457.004 χ^2 /NDF: 47.2/47

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148 $\pm$ 0.605 χ^2 /NDF: 713862.1/16

Left Out: 2092.373 $\pm$ 0.669 χ^2 /NDF: 82676.5/6

Right Out: 2199.343 $\pm$ 0.603 χ^2 /NDF: 803022.0/18

Left In: 2085.389 $\pm$ 0.732 χ^2 /NDF: 65595.5/4

Left: 2089.194 $\pm$ 0.494 χ^2 /NDF: 148321.5/11

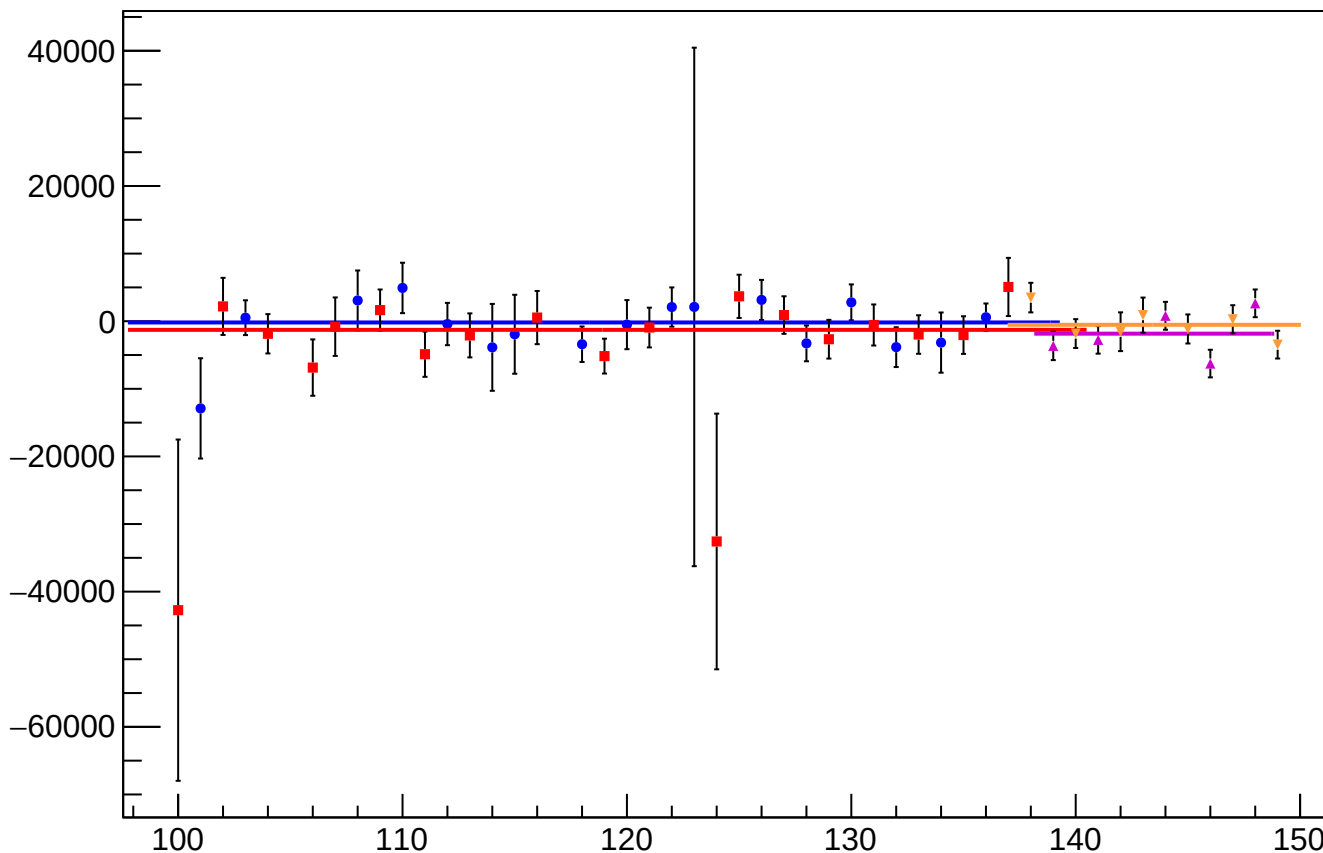
Right: 2178.816 $\pm$ 0.427 χ^2 /NDF: 1519207.5/35

In: 2128.600 $\pm$ 0.467 χ^2 /NDF: 785324.5/21

Out: 2151.377 $\pm$ 0.448 χ^2 /NDF: 899796.2/25

All: 2140.448 $\pm$ 0.323 χ^2 /NDF: 1686360.7/47

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -184.386 ± 792.384 χ^2/NDF : 14.0/16

Left Out: -529.938 ± 850.260 χ^2/NDF : 6.5/6

Right Out: -1277.929 ± 772.384 χ^2/NDF : 18.2/18

Left In: -1842.582 ± 920.575 χ^2/NDF : 12.1/4

Left: -1134.221 ± 624.605 χ^2/NDF : 19.6/11

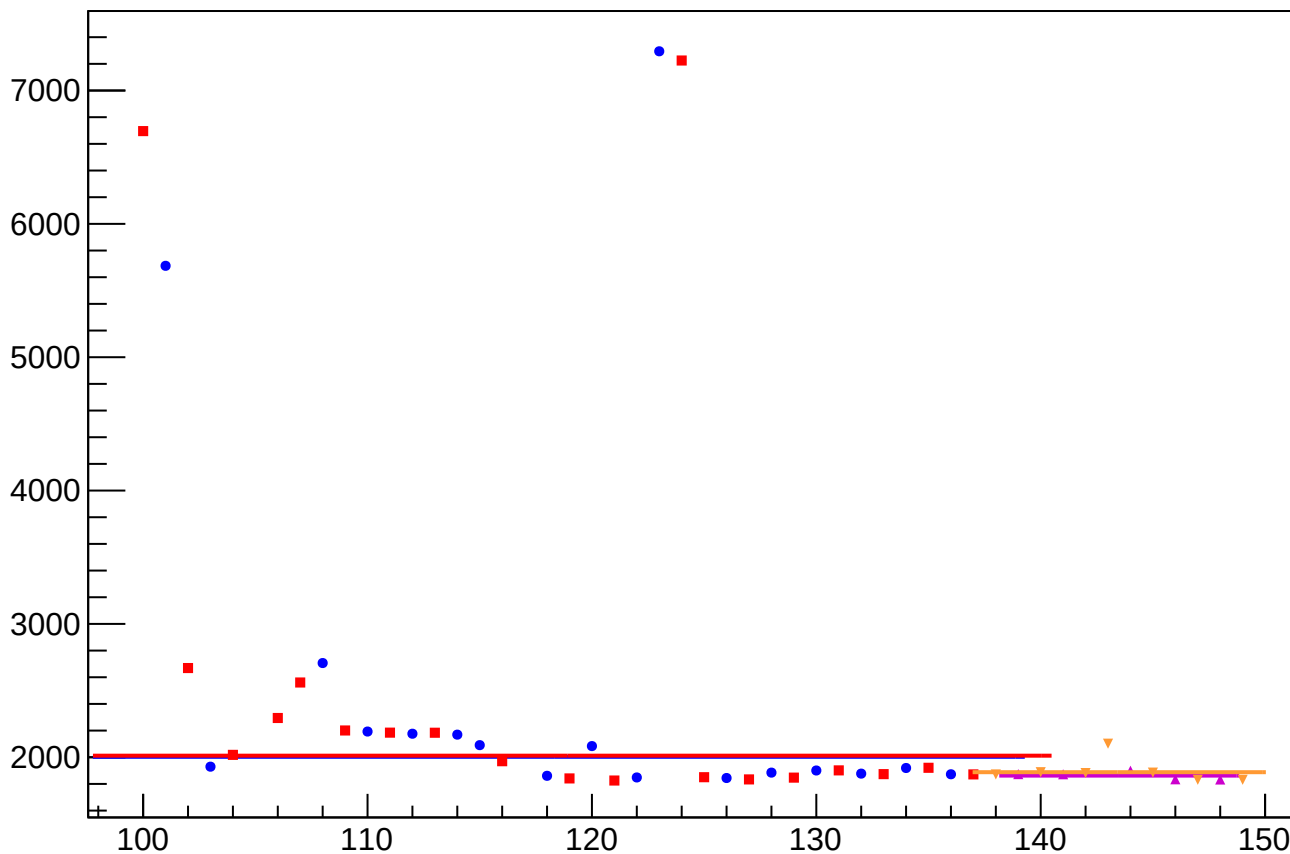
Right: -745.132 ± 553.094 χ^2/NDF : 33.2/35

In: -890.083 ± 600.552 χ^2/NDF : 27.9/21

Out: -939.749 ± 571.712 χ^2/NDF : 25.1/25

All: -916.137 ± 414.082 χ^2/NDF : 53.0/47

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2003.545+/-0.560 χ^2/NDF : 634133.6/16

Left Out: 1887.960+/-0.601 χ^2/NDF :16697.8/6

Right Out: 2011.800+/-0.546 χ^2/NDF : 377955.0/18

Left In: 1862.426+/-0.651 χ^2/NDF :1511.4/4

Left: 1876.205+/-0.442 χ^2/NDF : 19039.6/11

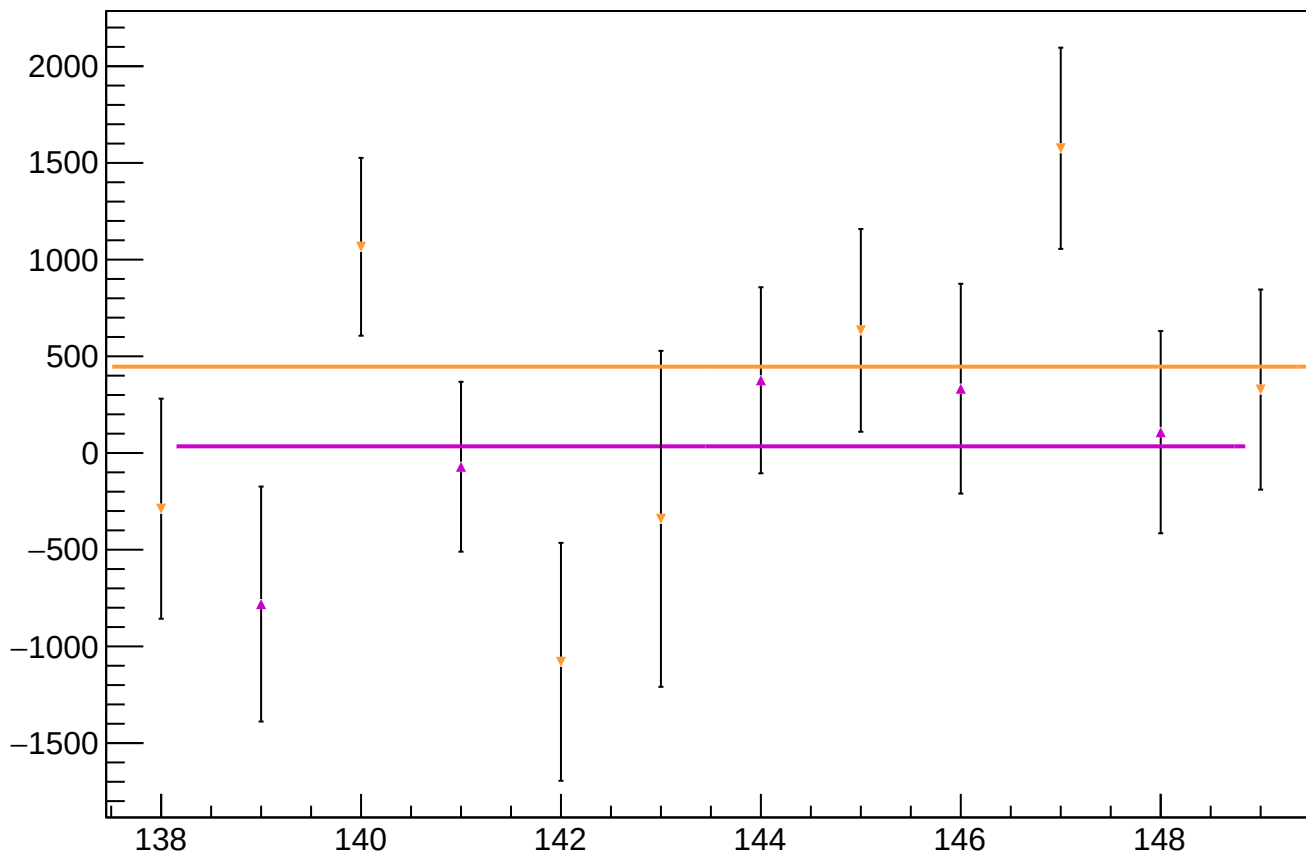
Right: 2007.778+/-0.391 χ^2/NDF : 1012199.9/35

In: 1943.487+/-0.425 χ^2/NDF :662641.7/21

Out: 1955.810+/-0.404 χ^2/NDF :417898.2/25

All: 1949.951+/-0.293 χ^2/NDF : 1080981.7/47

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 446.548+/-209.165 χ^2/NDF :15.4/6

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

Left In: 34.558+/-227.808 χ^2/NDF :2.7/4

Left: 258.098+/-154.072 χ^2/NDF : 19.8/11

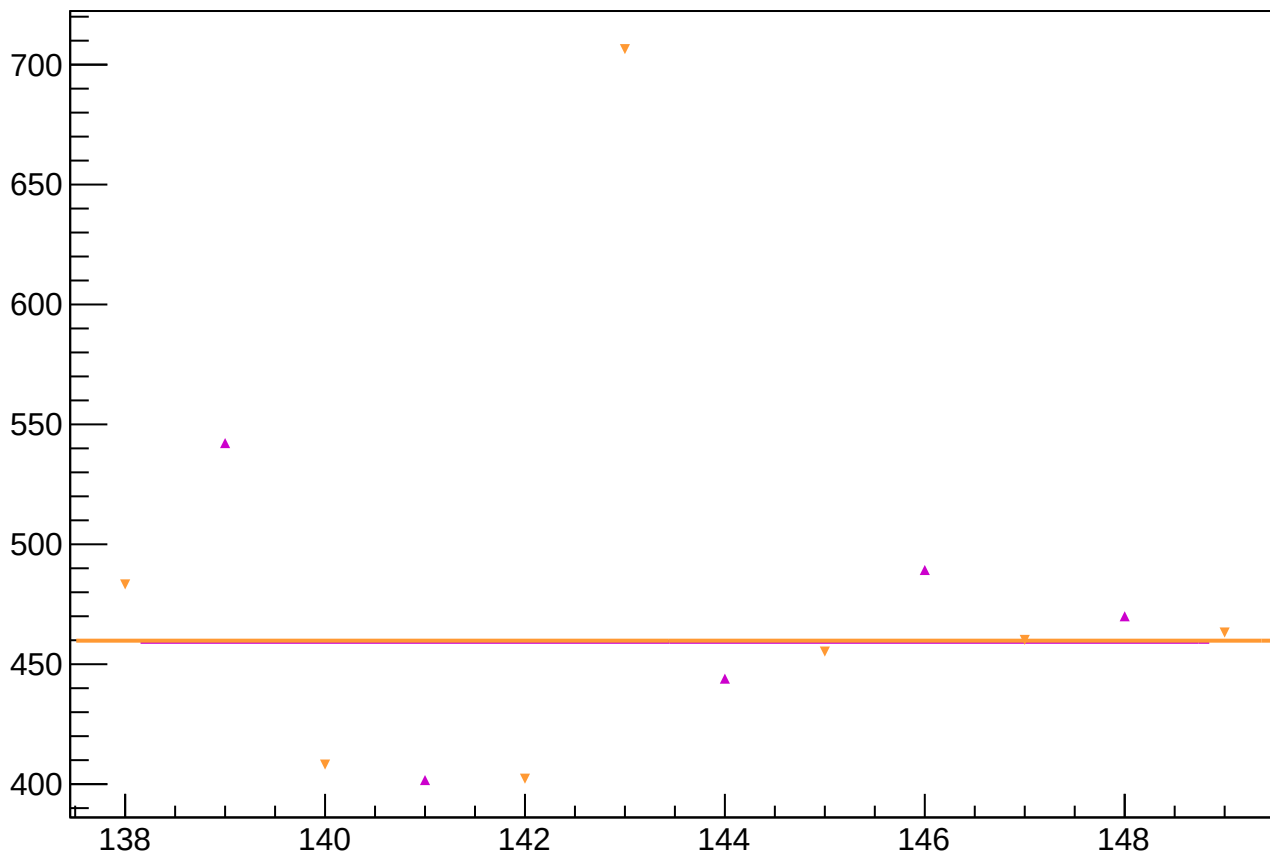
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.558+/-227.808 χ^2/NDF :2.7/4

Out: 446.548+/-209.165 χ^2/NDF :15.4/6

All: 258.098+/-154.072 χ^2/NDF : 19.8/11

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 459.821+/-0.148 χ^2 /NDF:207631.7/6

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

Left In: 459.350+/-0.161 χ^2 /NDF:80607.7/4

Left: 459.605+/-0.109 χ^2 /NDF: 288244.0/11

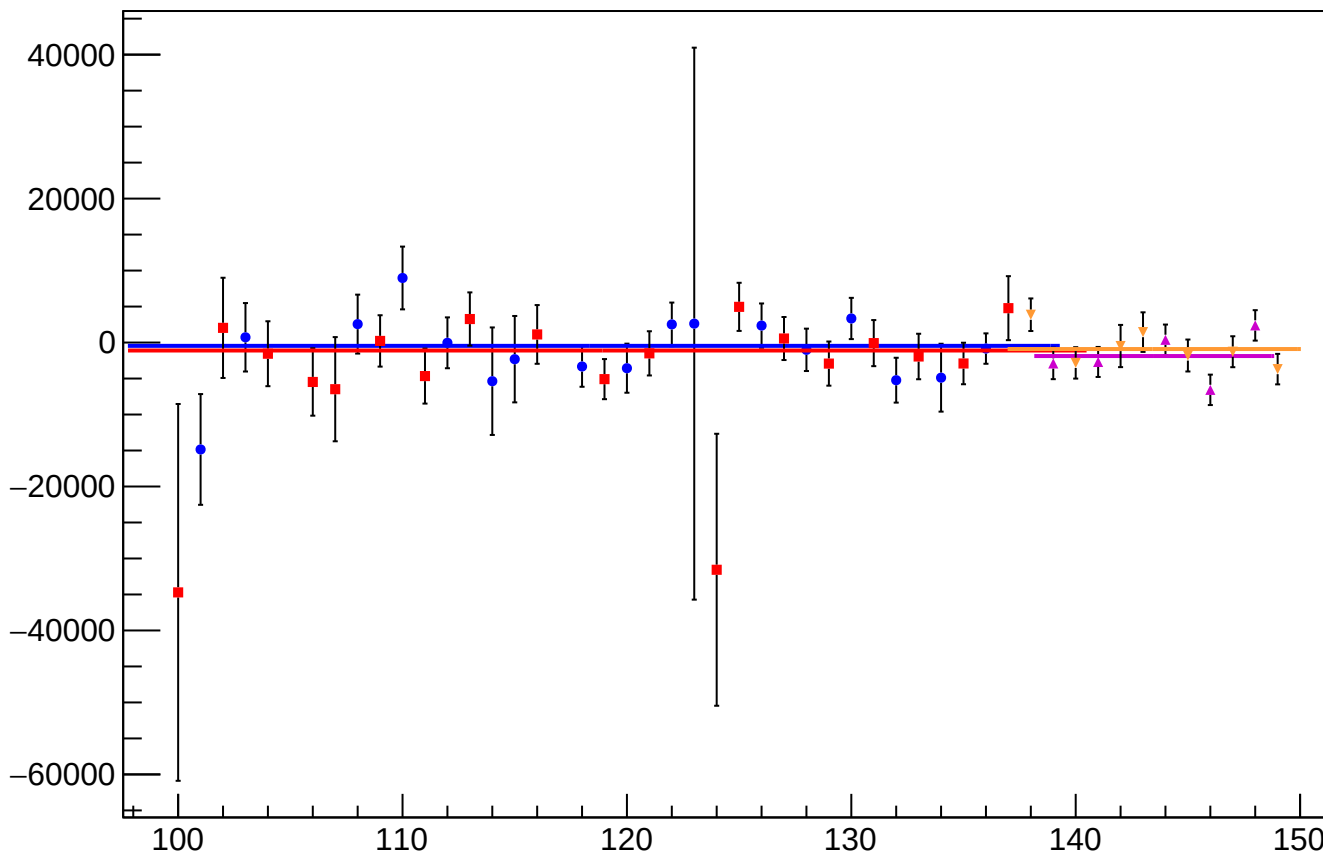
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 459.350+/-0.161 χ^2 /NDF:80607.7/4

Out: 459.821+/-0.148 χ^2 /NDF:207631.7/6

All: 459.605+/-0.109 χ^2 /NDF: 288244.0/11

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -901.265+/-878.364 χ^2/NDF : 7.9/6

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

Left In: -1874.417+/-949.078 χ^2/NDF : 10.5/4

Left: -1350.240+/-644.648 χ^2/NDF : 19.0/11

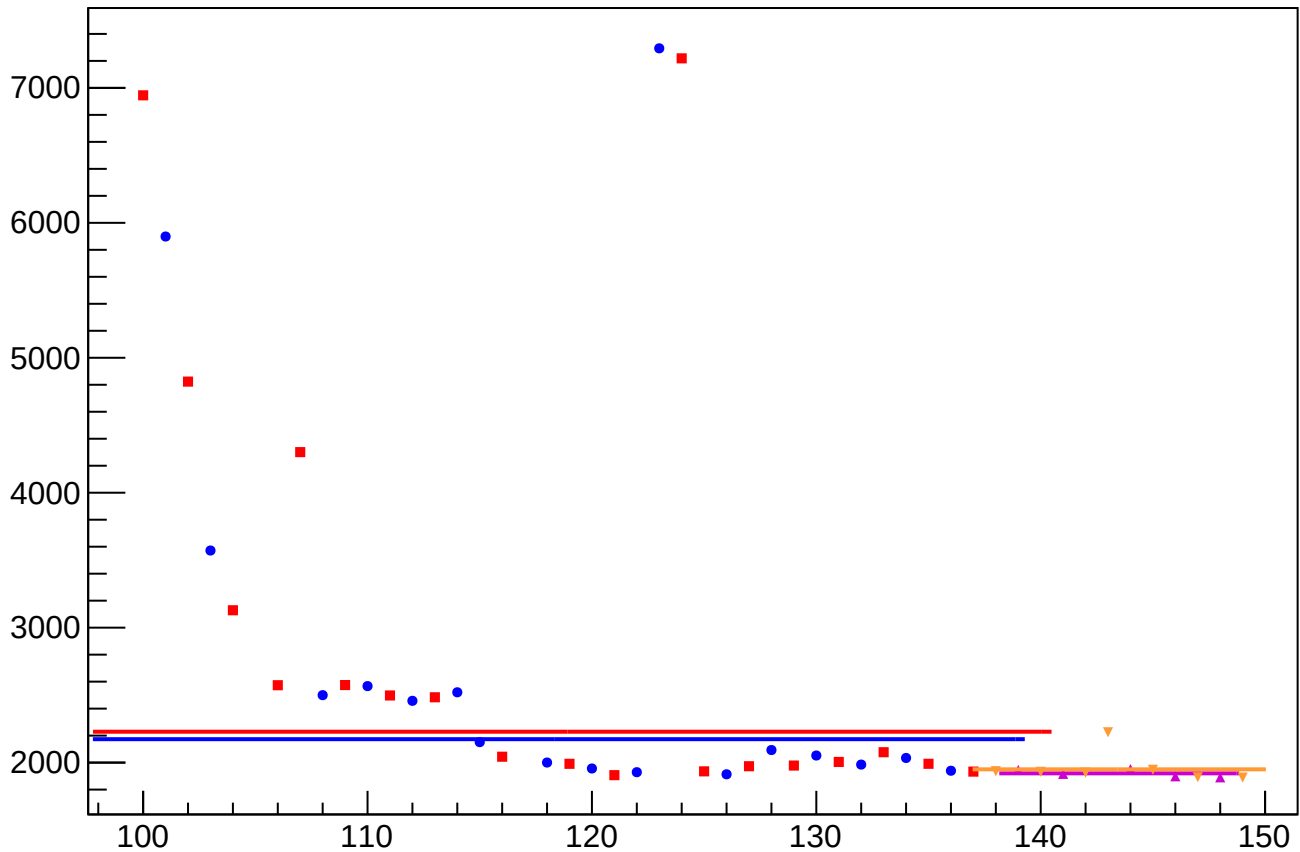
Right: -780.562+/-612.463 χ^2/NDF : 35.2/35

In: -1100.994+/-639.371 χ^2/NDF : 29.8/21

Out: -1004.092+/-617.098 χ^2/NDF : 24.8/25

All: -1050.826+/-444.019 χ^2/NDF : 54.6/47

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529 $\pm$ 0.612 χ^2/NDF : 805360.7/16

Left Out: 1950.035 $\pm$ 0.621 χ^2/NDF :23467.0/6

Right Out: 2228.892 $\pm$ 0.613 χ^2/NDF : 895863.4/18

Left In: 1920.350 $\pm$ 0.671 χ^2/NDF :1335.2/4

Left: 1936.340 $\pm$ 0.456 χ^2/NDF : 25856.1/11

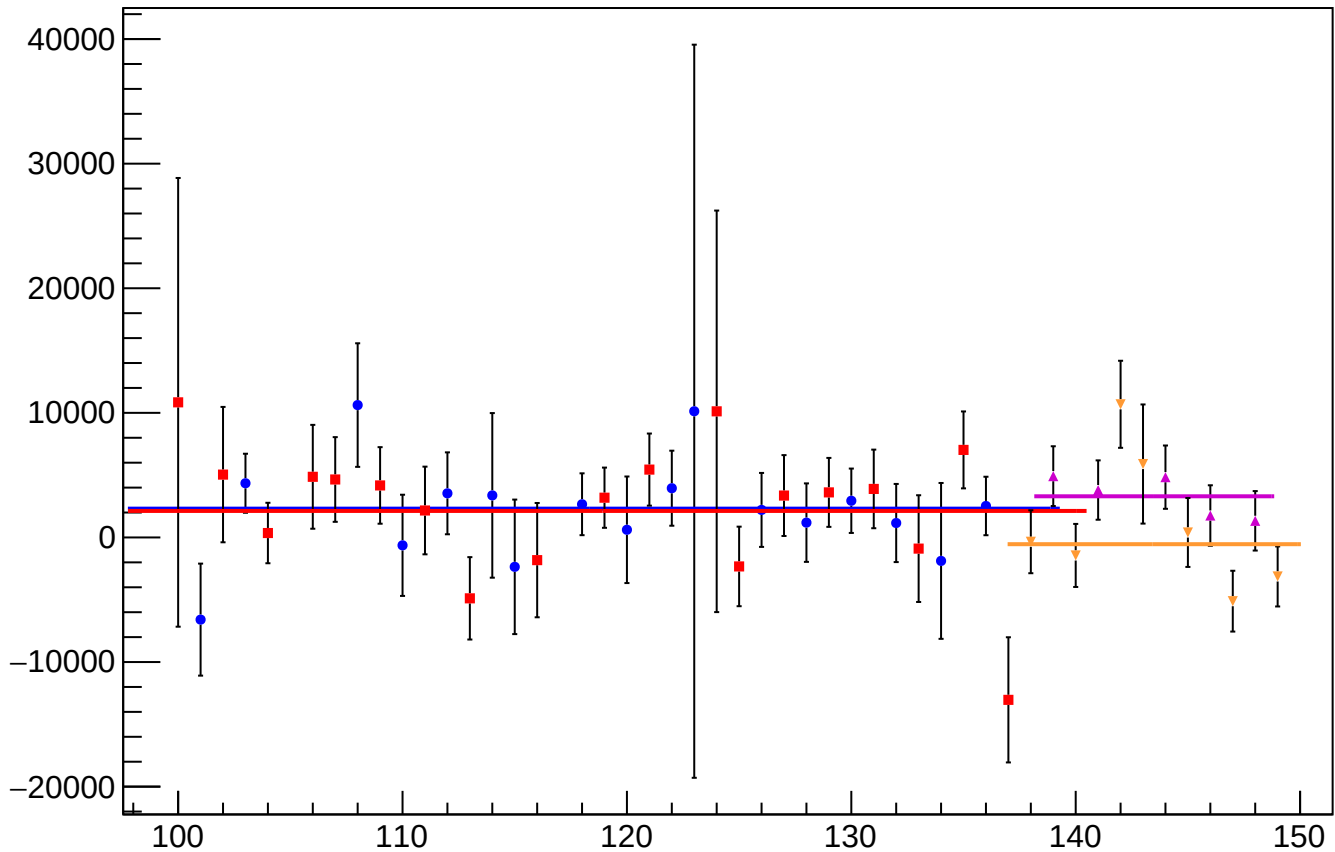
Right: 2201.146 $\pm$ 0.433 χ^2/NDF : 1705309.7/35

In: 2058.626 $\pm$ 0.452 χ^2/NDF :884428.0/21

Out: 2091.254 $\pm$ 0.436 χ^2/NDF :1021414.1/25

All: 2075.518 $\pm$ 0.314 χ^2/NDF : 1908538.5/47

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2311.075 $\pm$ 821.924 χ^2 /NDF: 10.2/16

Left Out: -541.066 $\pm$ 1048.549 χ^2 /NDF:17.1/6

Right Out: 2128.072 $\pm$ 791.943 χ^2 /NDF: 24.3/18

Left In: 3303.173 $\pm$ 1084.508 χ^2 /NDF:1.9/4

Left: 1316.267 $\pm$ 753.828 χ^2 /NDF: 25.5/11

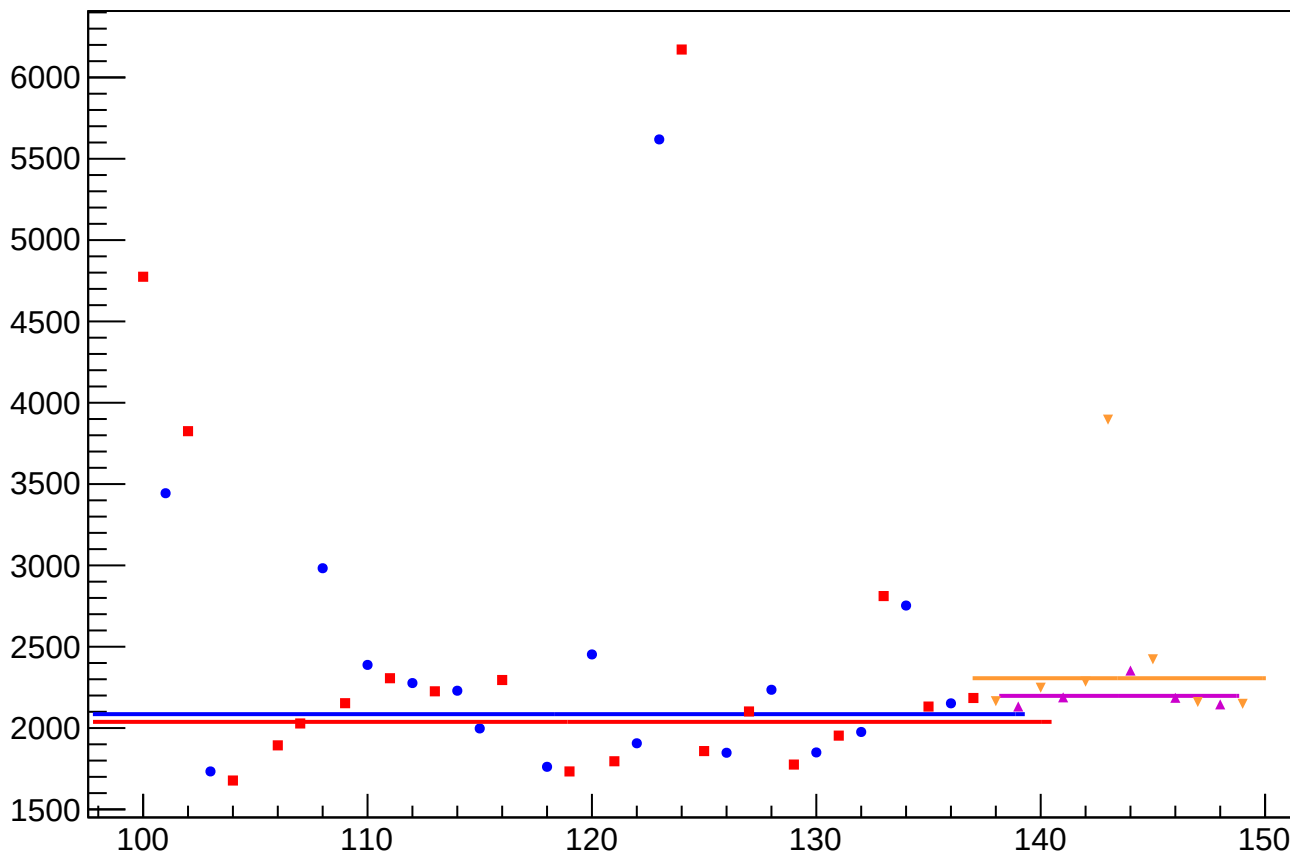
Right: 2216.175 $\pm$ 570.293 χ^2 /NDF: 34.6/35

In: 2673.021 $\pm$ 655.054 χ^2 /NDF:12.7/21

Out: 1158.545 $\pm$ 631.951 χ^2 /NDF:45.5/25

All: 1888.605 $\pm$ 454.805 χ^2 /NDF: 61.0/47

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2085.469 $\pm$ 0.581 χ^2/NDF : 457066.0/16

Left Out: 2306.382 $\pm$ 0.741 χ^2/NDF : 247788.1/6

Right Out: 2038.056 $\pm$ 0.560 χ^2/NDF : 609210.7/18

Left In: 2197.923 $\pm$ 0.767 χ^2/NDF : 10010.8/4

Left: 2253.981 $\pm$ 0.533 χ^2/NDF : 268137.6/11

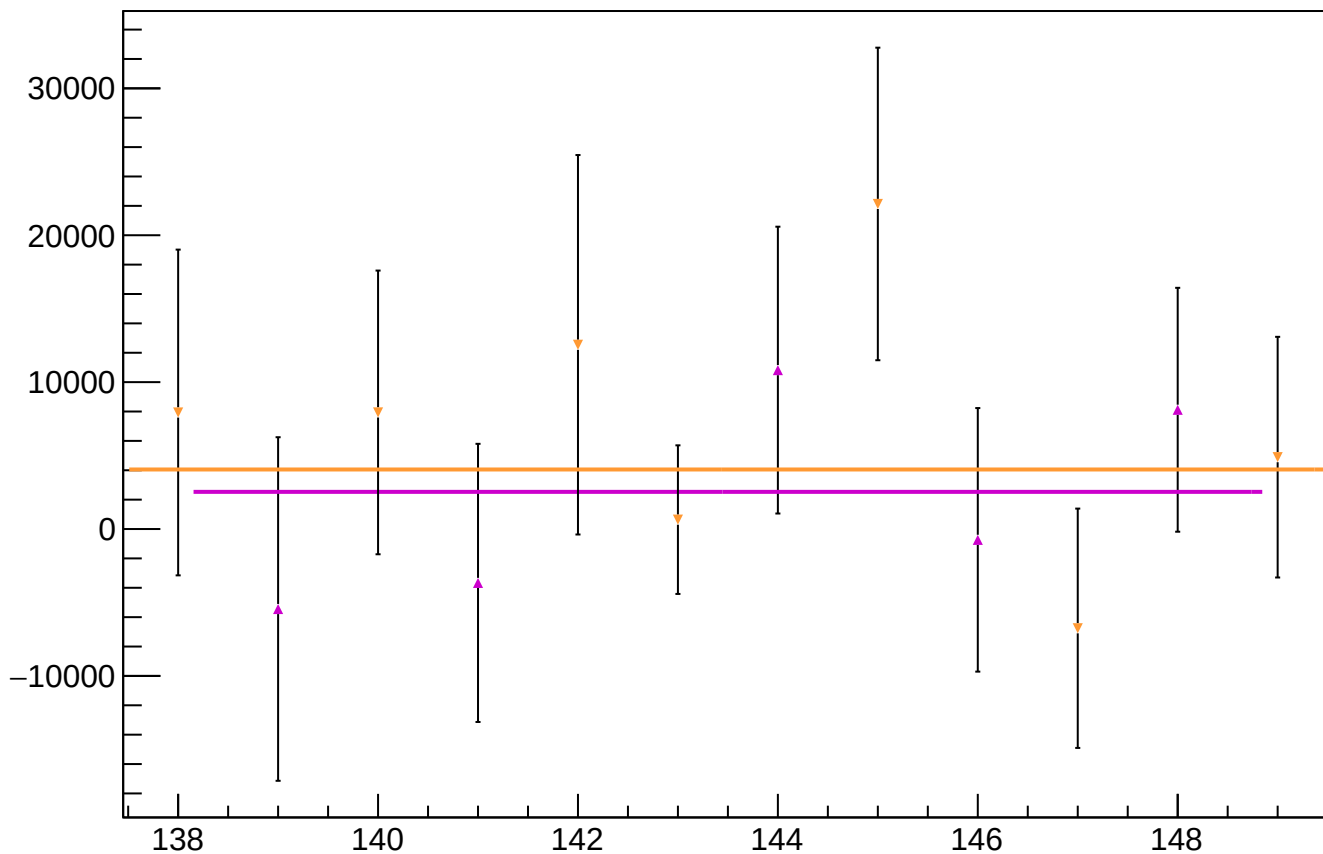
Right: 2060.877 $\pm$ 0.403 χ^2/NDF : 1069728.5/35

In: 2126.495 $\pm$ 0.463 χ^2/NDF : 480735.5/21

Out: 2135.496 $\pm$ 0.447 χ^2/NDF : 940409.9/25

All: 2131.158 $\pm$ 0.322 χ^2/NDF : 1421341.0/47

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4053.558+/-3119.894 χ^2/NDF :5.8/6

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

Left In: 2530.456+/-4229.768 χ^2/NDF :2.2/4

Left: 3516.883+/-2510.775 χ^2/NDF : 8.1/11

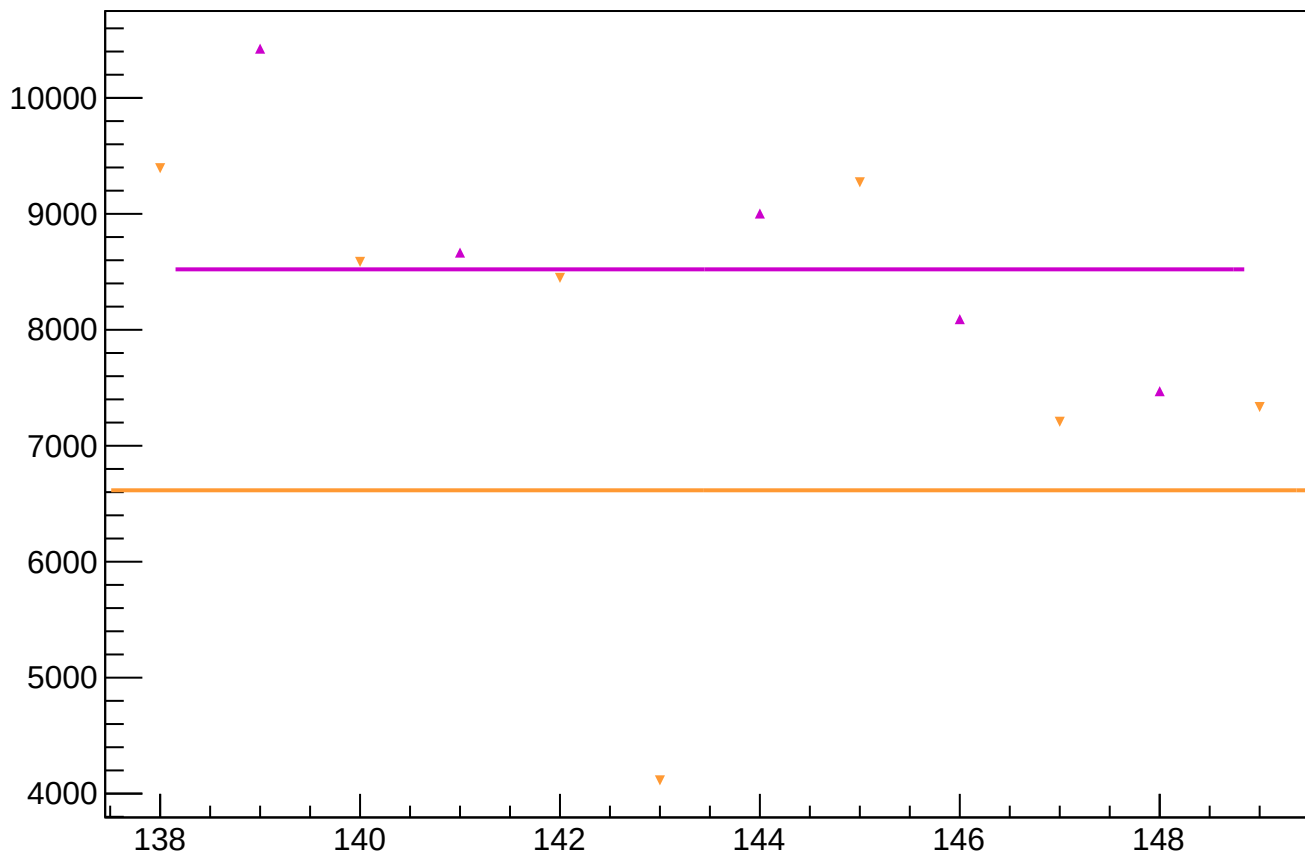
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2530.456+/-4229.768 χ^2/NDF :2.2/4

Out: 4053.558+/-3119.894 χ^2/NDF :5.8/6

All: 3516.883+/-2510.775 χ^2/NDF : 8.1/11

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6615.926+/-2.206 χ^2/NDF :888762.8/6

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

Left In: 8521.493+/-2.991 χ^2/NDF :94948.6/4

Left: 7287.365+/-1.775 χ^2/NDF : 1246605.5/11

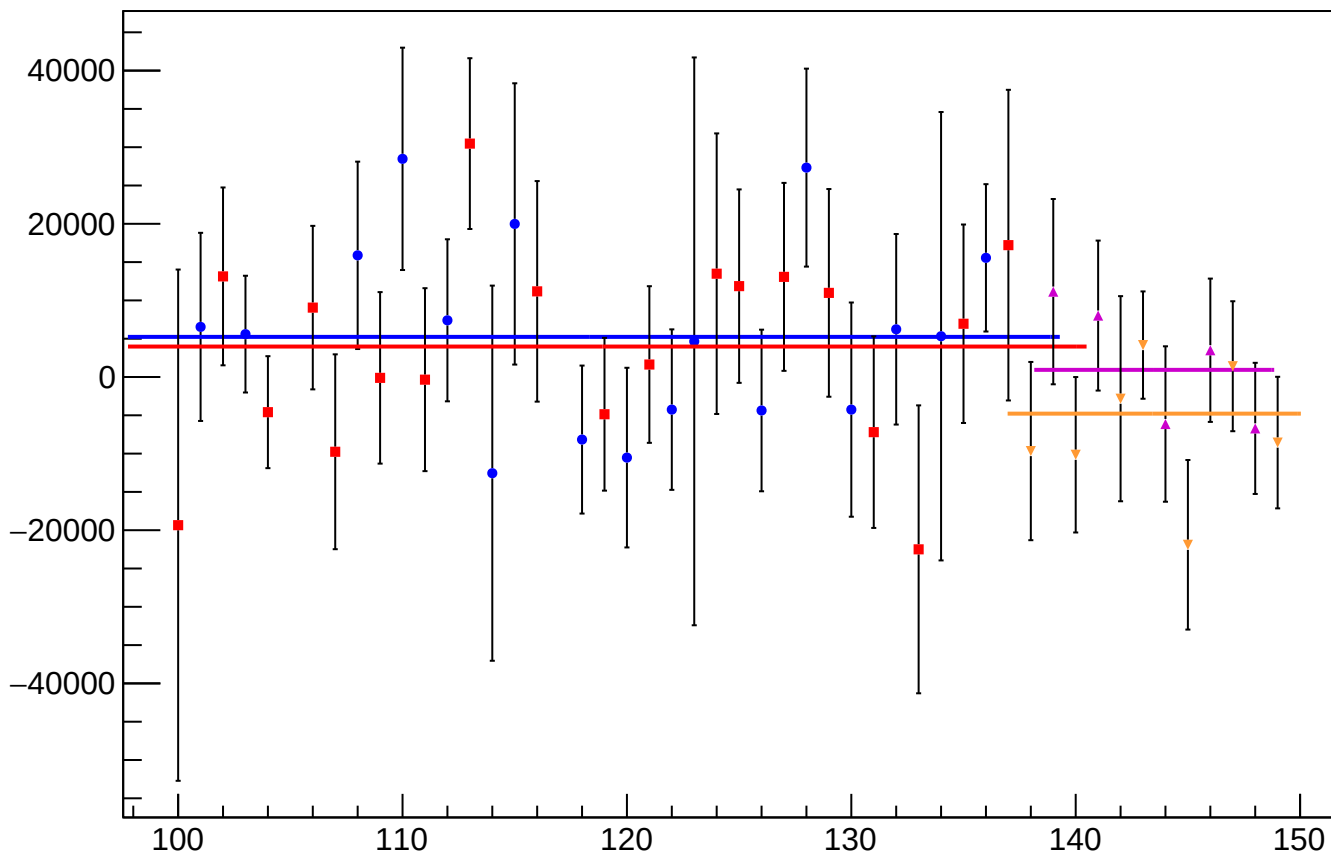
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8521.493+/-2.991 χ^2/NDF :94948.6/4

Out: 6615.926+/-2.206 χ^2/NDF :888762.8/6

All: 7287.365+/-1.775 χ^2/NDF : 1246605.5/11

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -4782.534+/-3565.375 χ^2/NDF : 5.2/6

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

Left In: 932.998+/-4382.879 χ^2/NDF : 2.6/4

Left: -2506.474+/-2765.813 χ^2/NDF : 8.8/11

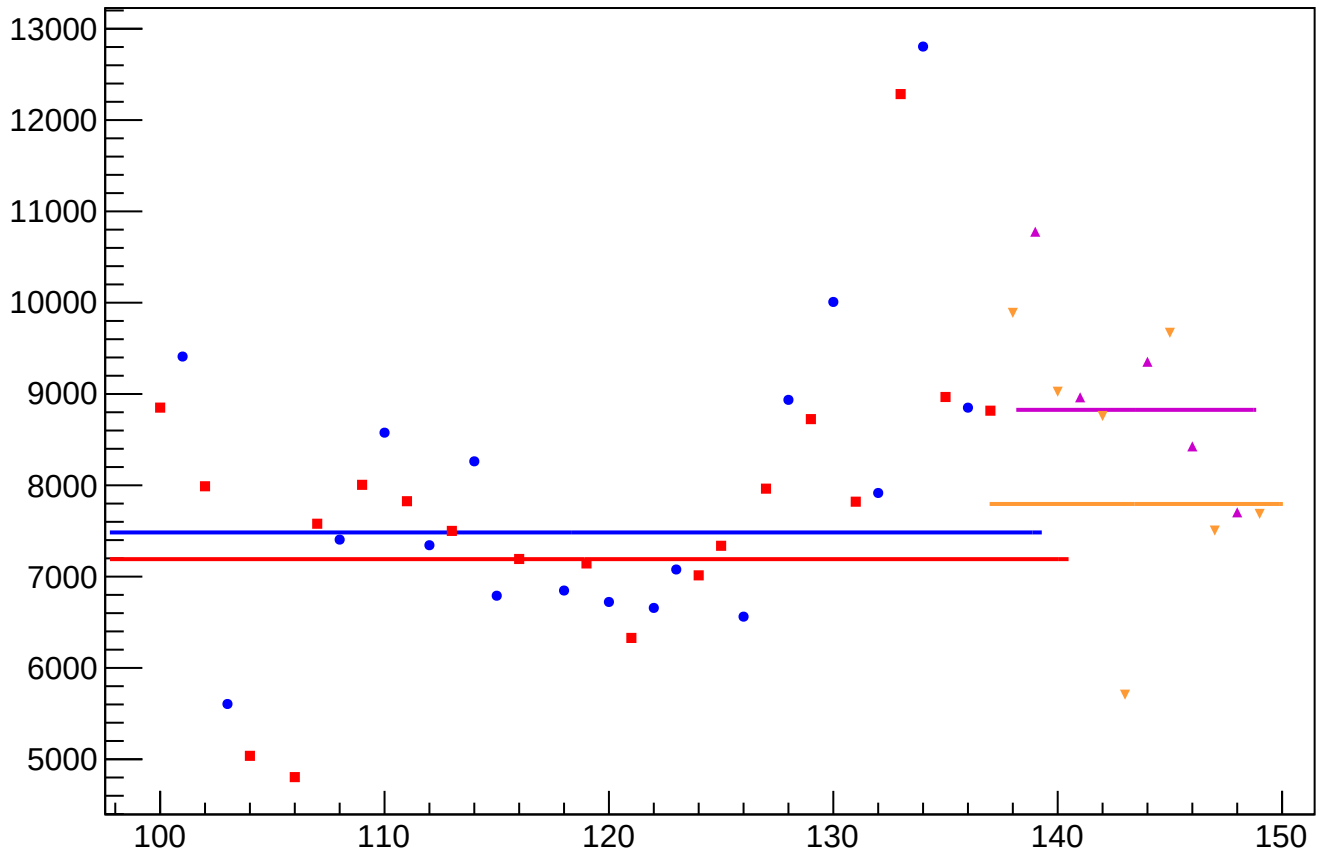
Right: 4573.057+/-2025.948 χ^2/NDF : 30.2/35

In: 3898.562+/-2445.096 χ^2/NDF : 17.7/21

Out: 649.044+/-2197.433 χ^2/NDF : 24.6/25

All: 2100.944+/-1634.387 χ^2/NDF : 43.3/47

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7795.672 $\pm$ 2.521 χ^2/NDF :342225.1/6

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

Left In: 8826.470 $\pm$ 3.099 χ^2/NDF :95858.5/4

Left: 8206.160 $\pm$ 1.956 χ^2/NDF : 504655.9/11

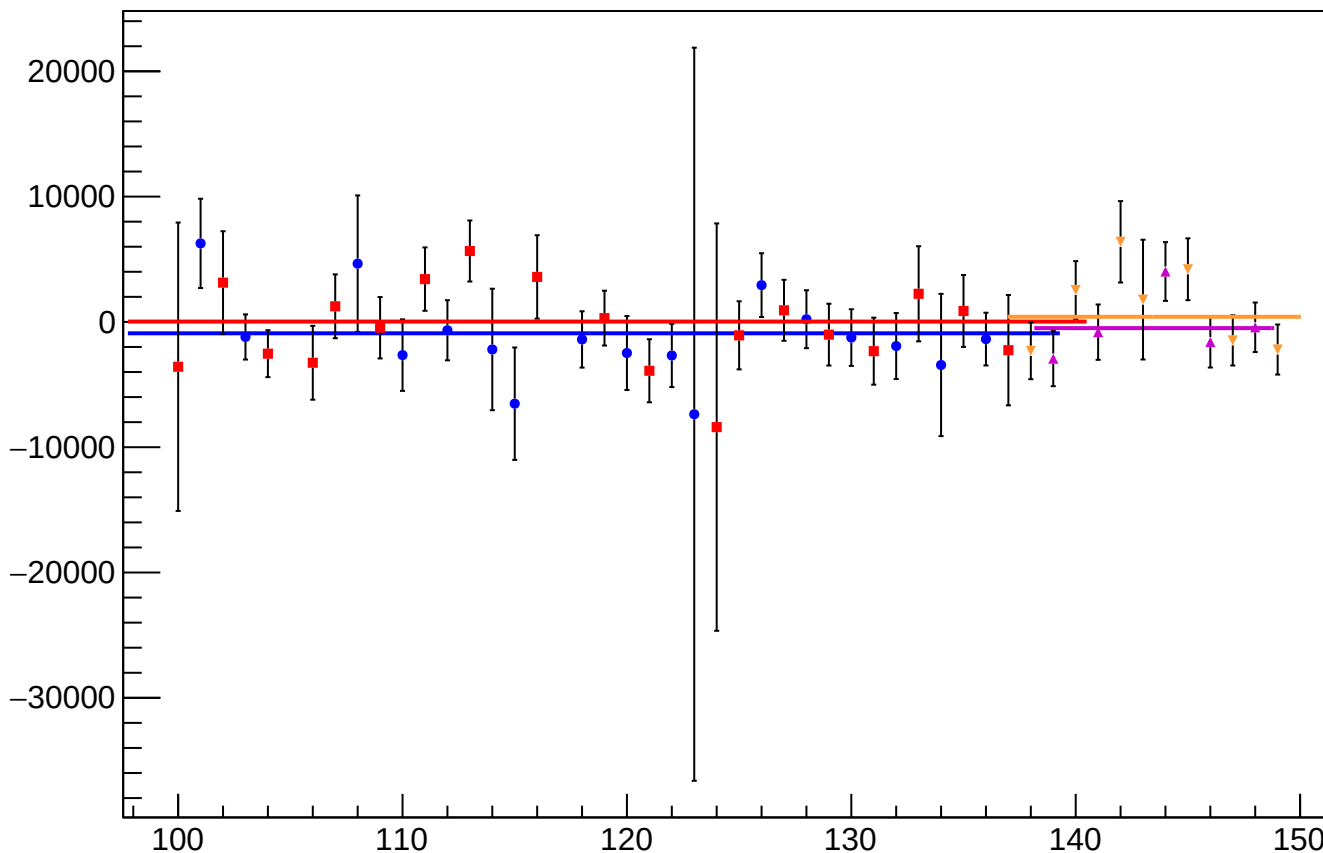
Right: 7329.673 $\pm$ 1.432 χ^2/NDF : 1000940.7/35

In: 7901.646 $\pm$ 1.729 χ^2/NDF :656948.4/21

Out: 7420.933 $\pm$ 1.554 χ^2/NDF :936602.4/25

All: 7635.703 $\pm$ 1.156 χ^2/NDF : 1636319.8/47

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -909.107+/-671.360 χ^2/NDF : 10.9/16

Left Out: 408.293+/-918.005 χ^2/NDF : 10.7/6

Right Out: 26.566+/-642.141 χ^2/NDF : 17.0/18

Left In: -495.446+/-957.108 χ^2/NDF : 5.3/4

Left: -24.738+/-662.520 χ^2/NDF : 16.5/11

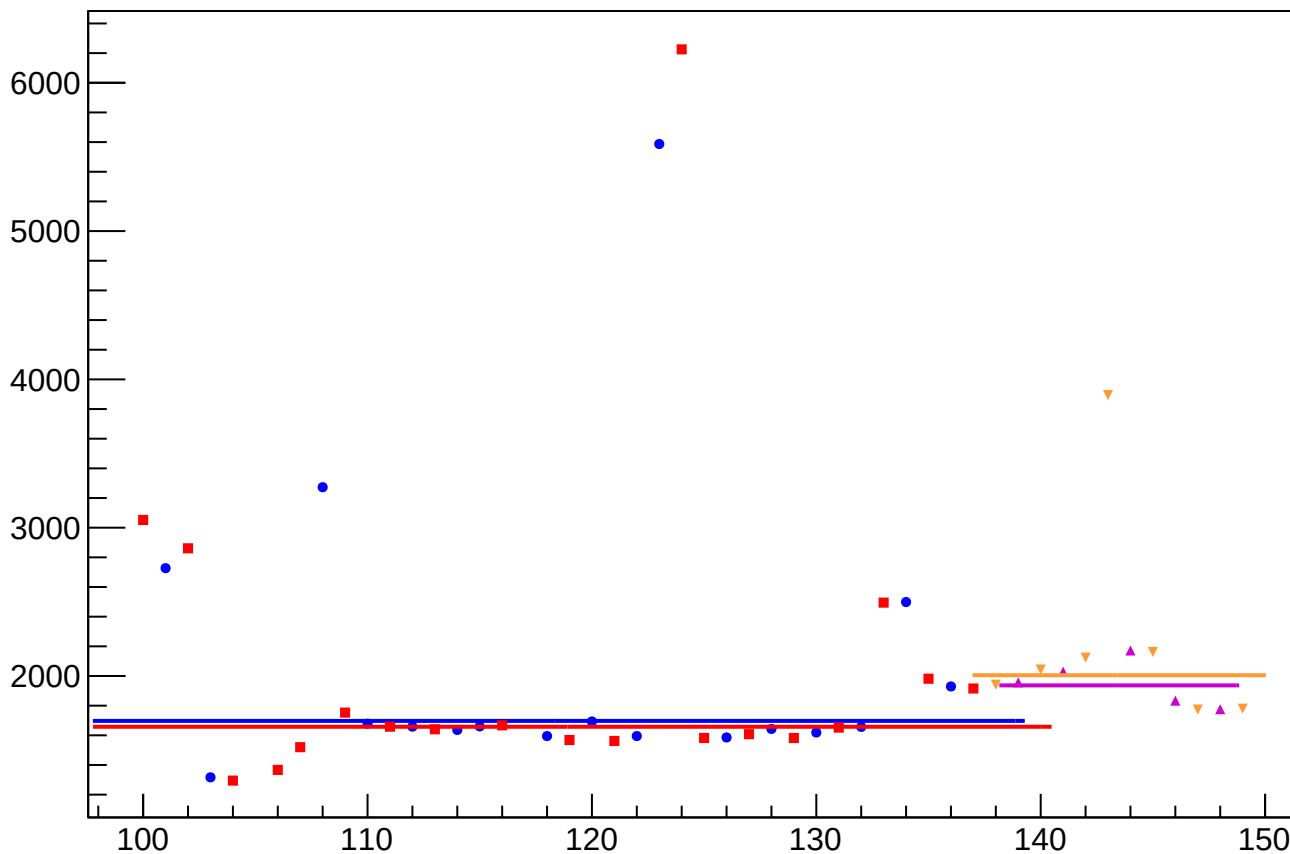
Right: -420.467+/-464.048 χ^2/NDF : 29.0/35

In: -772.694+/-549.626 χ^2/NDF : 16.3/21

Out: 151.979+/-526.187 χ^2/NDF : 27.9/25

All: -290.221+/-380.086 χ^2/NDF : 45.7/47

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1697.239+/-0.475 χ^2/NDF : 539725.9/16

Left Out: 2005.359+/-0.649 χ^2/NDF : 377650.4/6

Right Out: 1657.716+/-0.454 χ^2/NDF : 603007.7/18

Left In: 1936.755+/-0.677 χ^2/NDF : 42171.2/4

Left: 1972.487+/-0.468 χ^2/NDF : 425173.5/11

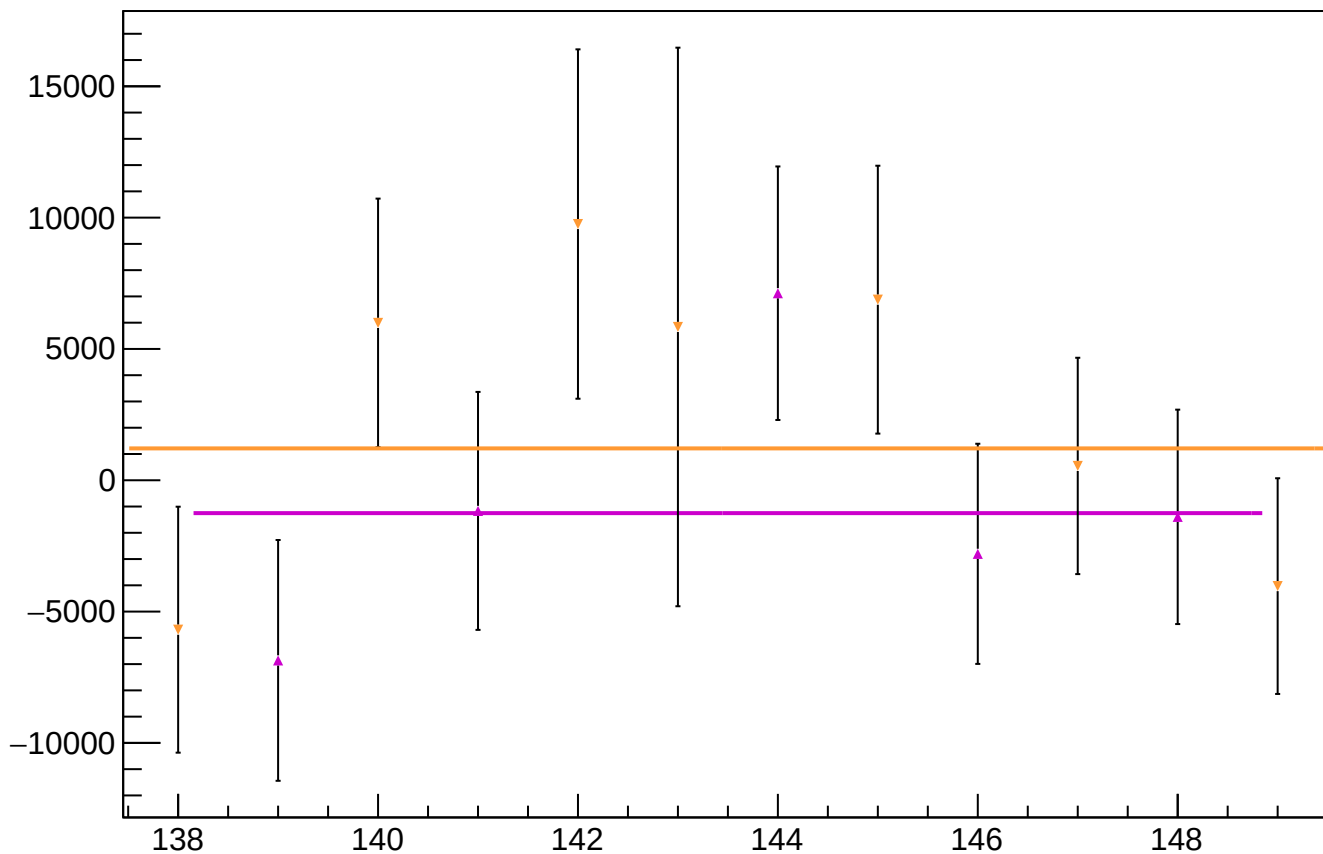
Right: 1676.599+/-0.328 χ^2/NDF : 1146353.4/35

In: 1776.224+/-0.389 χ^2/NDF : 665843.3/21

Out: 1771.931+/-0.372 χ^2/NDF : 1173244.2/25

All: 1773.984+/-0.269 χ^2/NDF : 1839151.1/47

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1213.215+/-1895.231 χ^2/NDF : 7.9/6

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

Left In: -1251.242+/-1975.651 χ^2/NDF : 4.6/4

Left: 32.165+/-1367.677 χ^2/NDF : 13.4/11

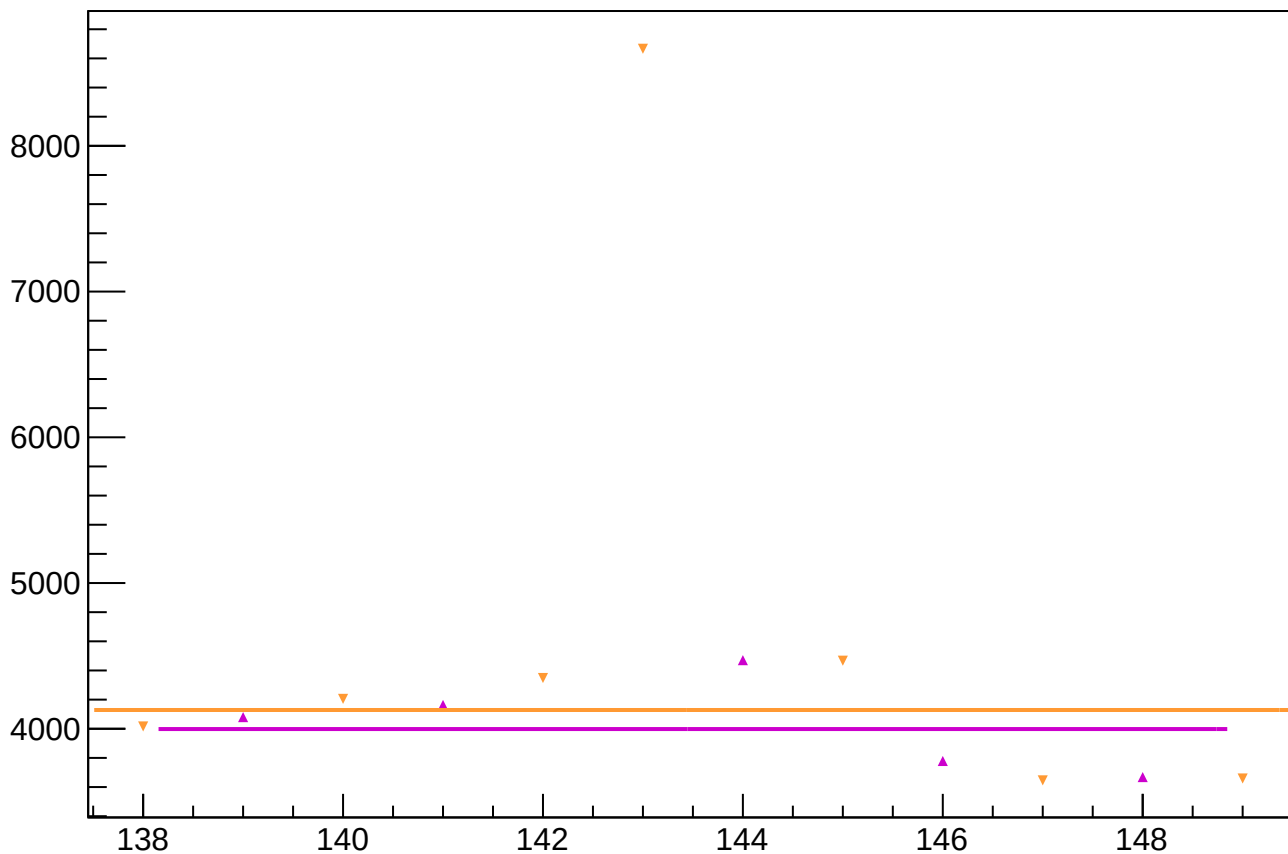
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1251.242+/-1975.651 χ^2/NDF : 4.6/4

Out: 1213.215+/-1895.231 χ^2/NDF : 7.9/6

All: 32.165+/-1367.677 χ^2/NDF : 13.4/11

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4128.802+/-1.340 χ^2/NDF : 430473.0/6

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

Left In: 3998.057+/-1.397 χ^2/NDF : 41000.1/4

Left: 4066.144+/-0.967 χ^2/NDF : 476034.5/11

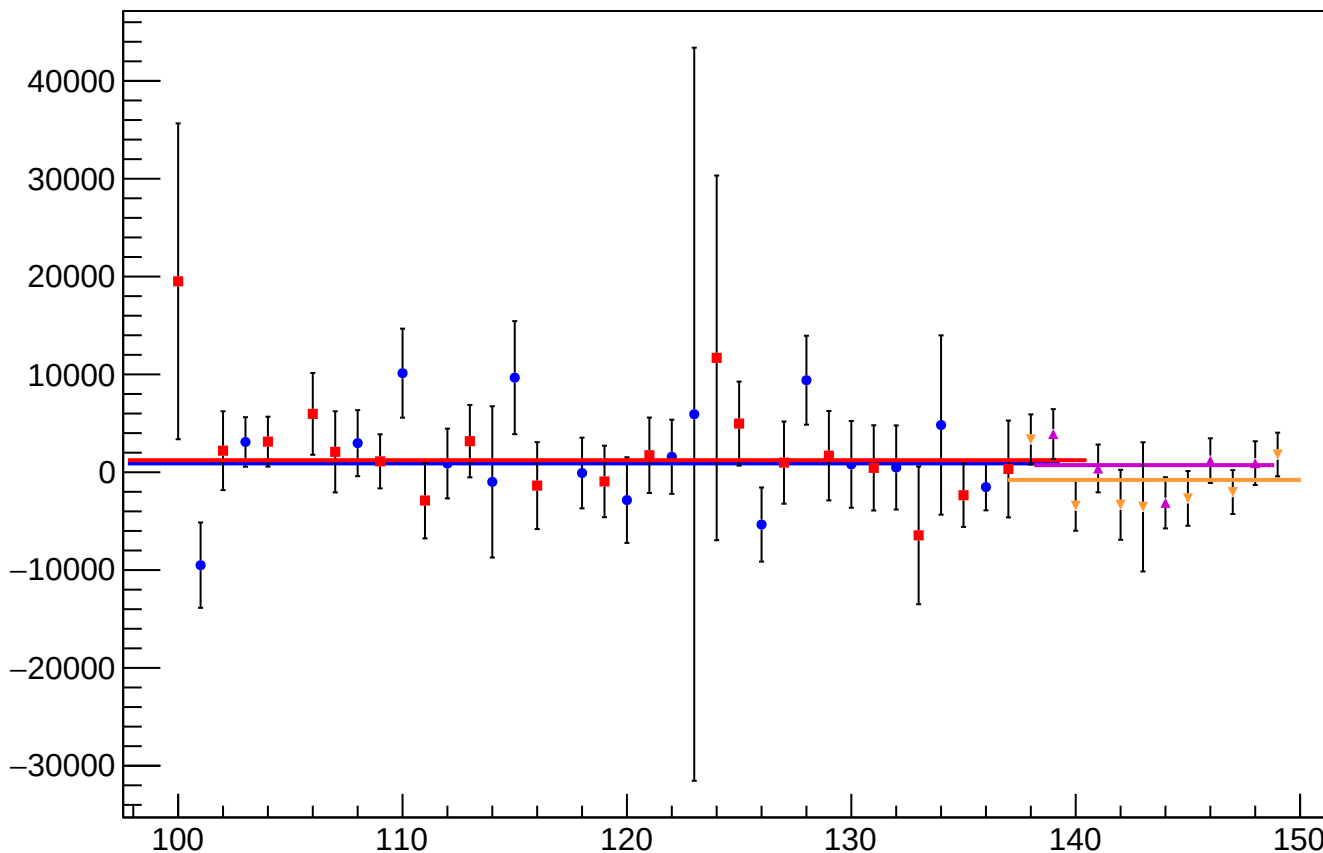
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3998.057+/-1.397 χ^2/NDF : 41000.1/4

Out: 4128.802+/-1.340 χ^2/NDF : 430473.0/6

All: 4066.144+/-0.967 χ^2/NDF : 476034.5/11

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -785.613 $\pm$ 1035.063 χ^2 /NDF: 6.5/6

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

Left In: 729.035 $\pm$ 1078.385 χ^2 /NDF: 3.8/4

Left: -59.323 $\pm$ 746.746 χ^2 /NDF: 11.3/11

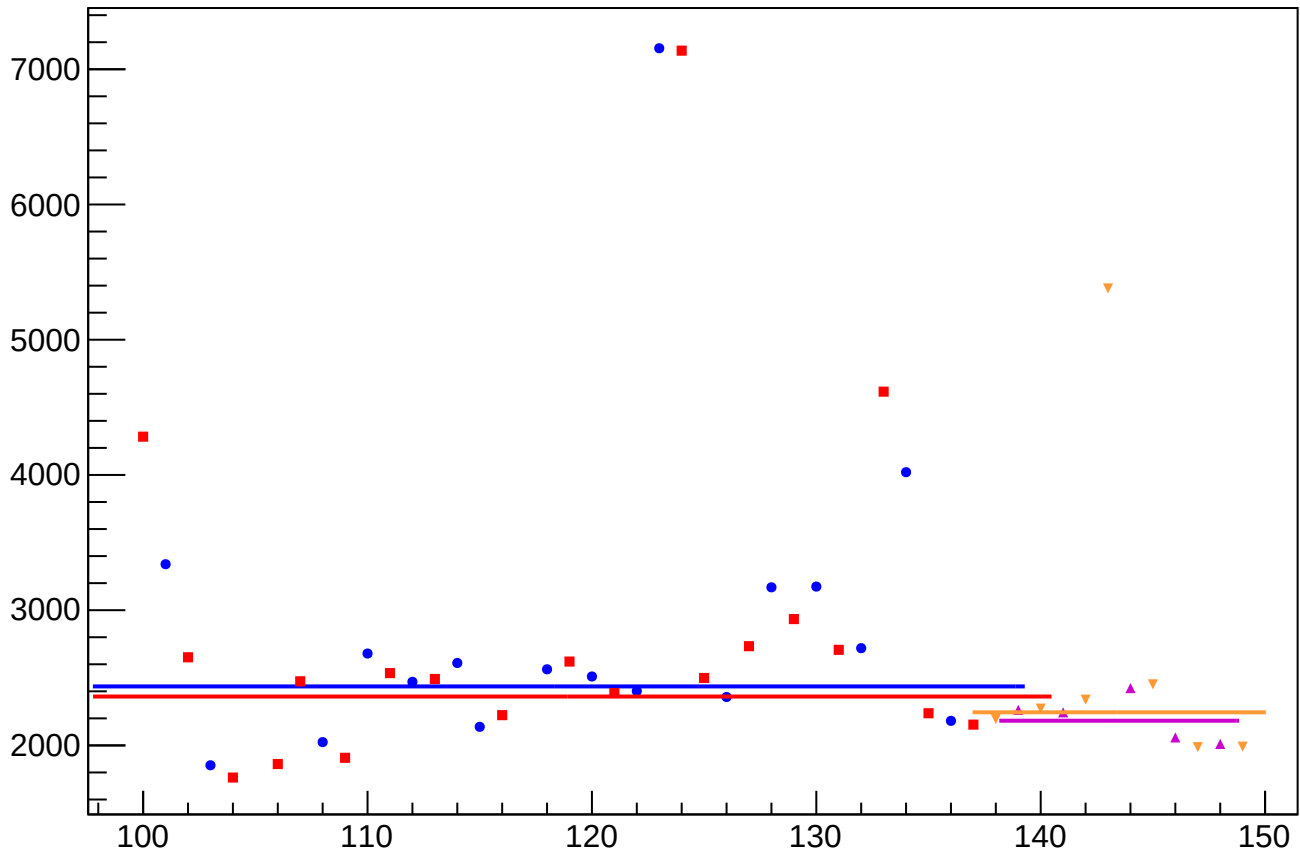
Right: 1073.549 $\pm$ 666.754 χ^2 /NDF: 30.6/35

In: 826.068 $\pm$ 717.837 χ^2 /NDF: 25.4/21

Out: 335.553 $\pm$ 689.728 χ^2 /NDF: 17.5/25

All: 571.019 $\pm$ 497.351 χ^2 /NDF: 43.1/47

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256 $\pm$ 0.680 χ^2/NDF : 468552.3/16

Left Out: 2244.978 $\pm$ 0.732 χ^2/NDF : 516153.9/6

Right Out: 2361.558 $\pm$ 0.654 χ^2/NDF : 655845.9/18

Left In: 2182.664 $\pm$ 0.763 χ^2/NDF : 37959.3/4

Left: 2215.098 $\pm$ 0.528 χ^2/NDF : 557589.1/11

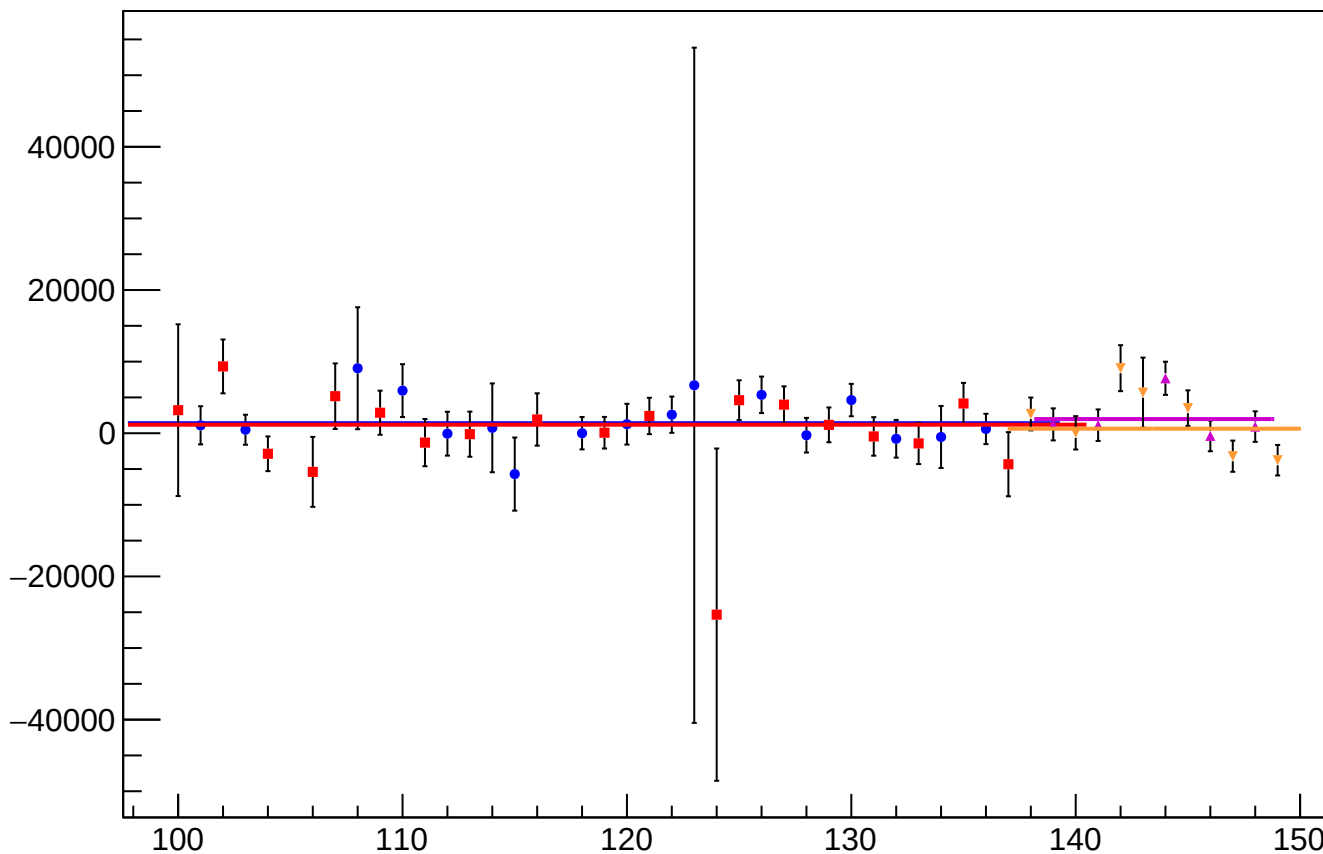
Right: 2397.448 $\pm$ 0.471 χ^2/NDF : 1130664.2/35

In: 2323.889 $\pm$ 0.508 χ^2/NDF : 568104.5/21

Out: 2309.792 $\pm$ 0.488 χ^2/NDF : 1186105.5/25

All: 2316.559 $\pm$ 0.352 χ^2/NDF : 1754611.1/47

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1400.477+/-699.727 χ^2/NDF : 11.3/16

Left Out: 635.194+/-950.396 χ^2/NDF : 17.6/6

Right Out: 1191.720+/-715.266 χ^2/NDF : 19.5/18

Left In: 1977.047+/-985.447 χ^2/NDF : 7.8/4

Left: 1281.833+/-684.087 χ^2/NDF : 26.3/11

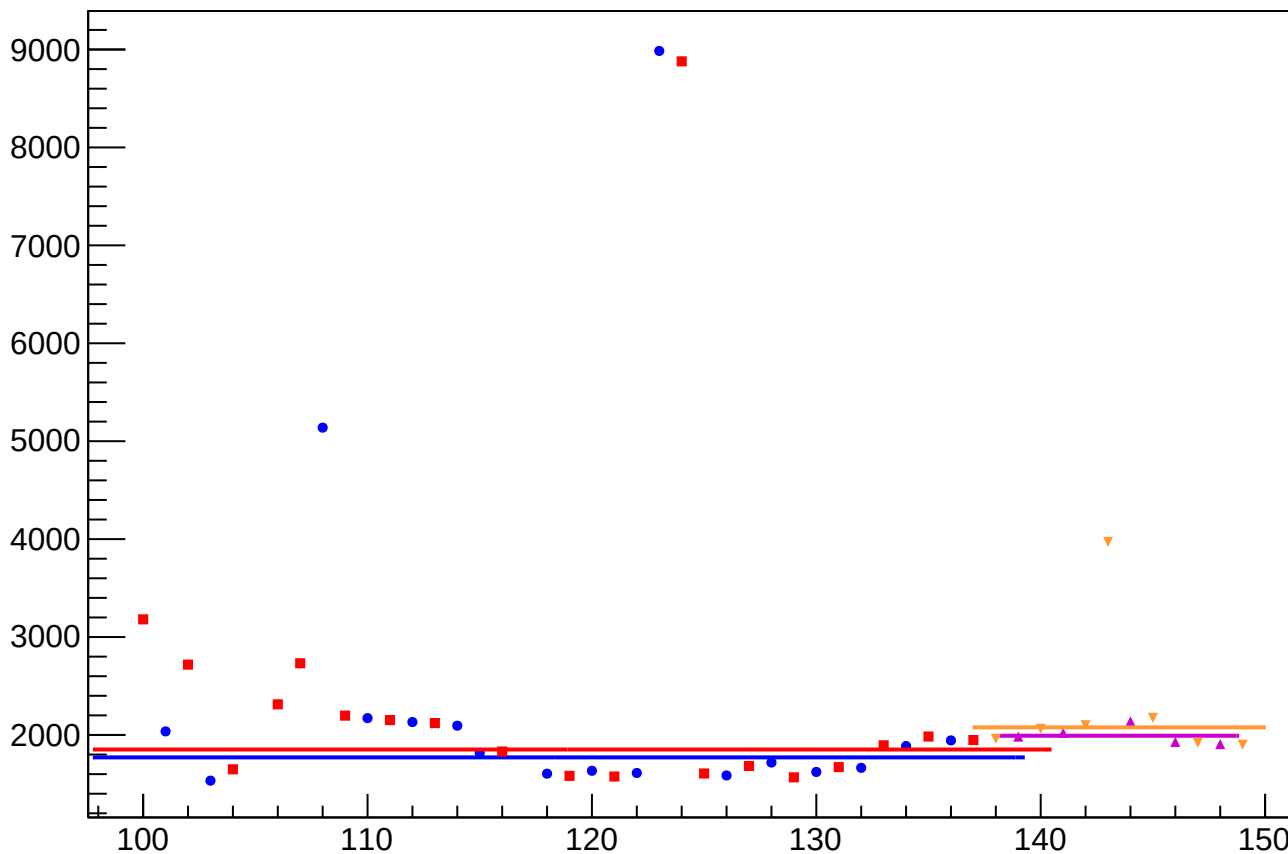
Right: 1298.390+/-500.185 χ^2/NDF : 30.8/35

In: 1593.737+/-570.529 χ^2/NDF : 19.3/21

Out: 990.483+/-571.499 χ^2/NDF : 37.3/25

All: 1292.622+/-403.768 χ^2/NDF : 57.1/47

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1770.964+/-0.495 χ^2/NDF : 523586.3/16

Left Out: 2077.580+/-0.672 χ^2/NDF : 332873.7/6

Right Out: 1851.378+/-0.505 χ^2/NDF : 597933.6/18

Left In: 1992.036+/-0.697 χ^2/NDF : 13465.9/4

Left: 2036.357+/-0.484 χ^2/NDF : 354147.8/11

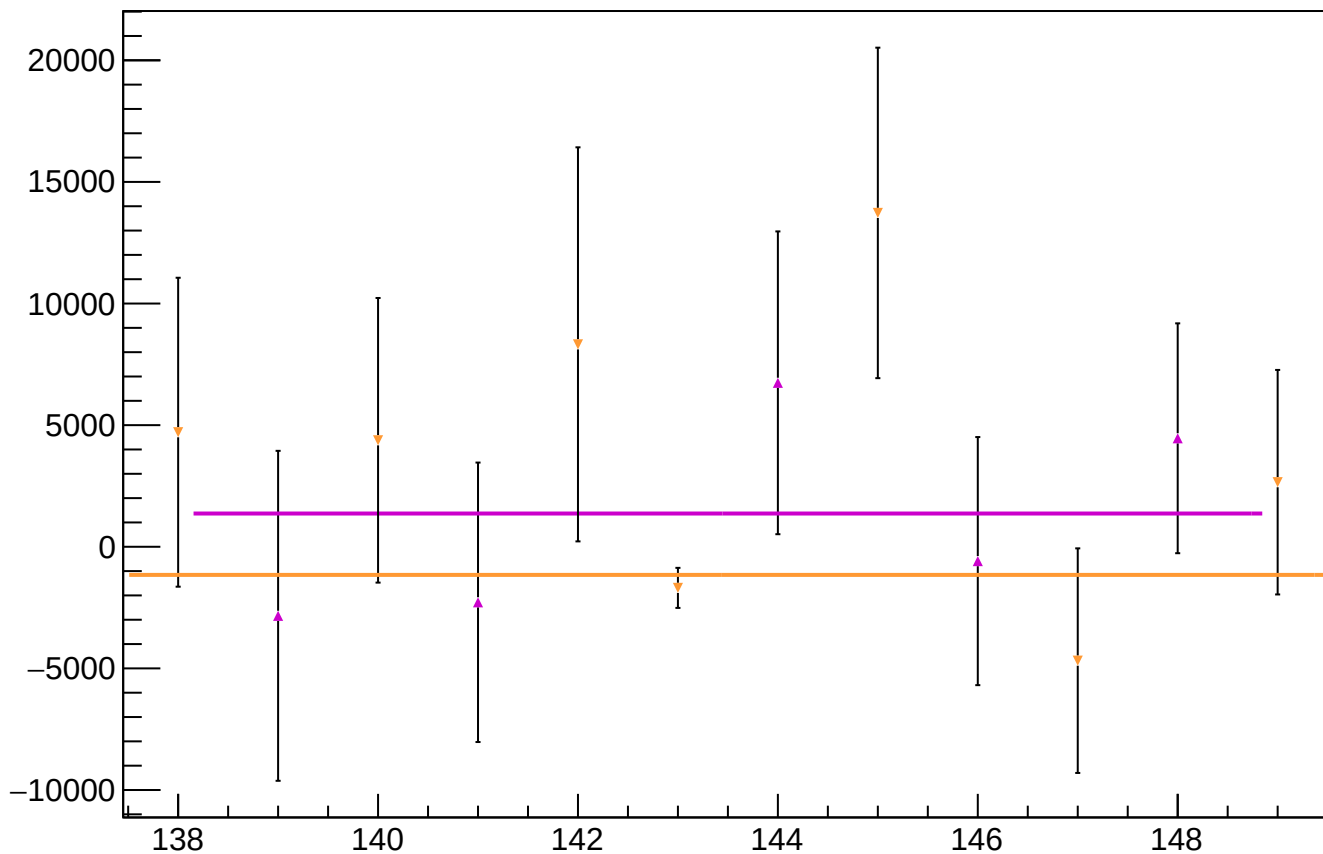
Right: 1810.335+/-0.353 χ^2/NDF : 1134452.8/35

In: 1845.065+/-0.403 χ^2/NDF : 603968.7/21

Out: 1933.048+/-0.404 χ^2/NDF : 1003197.7/25

All: 1889.015+/-0.285 χ^2/NDF : 1630925.9/47

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1156.366+/-776.260 χ^2/NDF :9.6/6

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

Left In: 1367.086+/-2491.528 χ^2/NDF :2.1/4

Left: -933.089+/-741.122 χ^2/NDF : 12.6/11

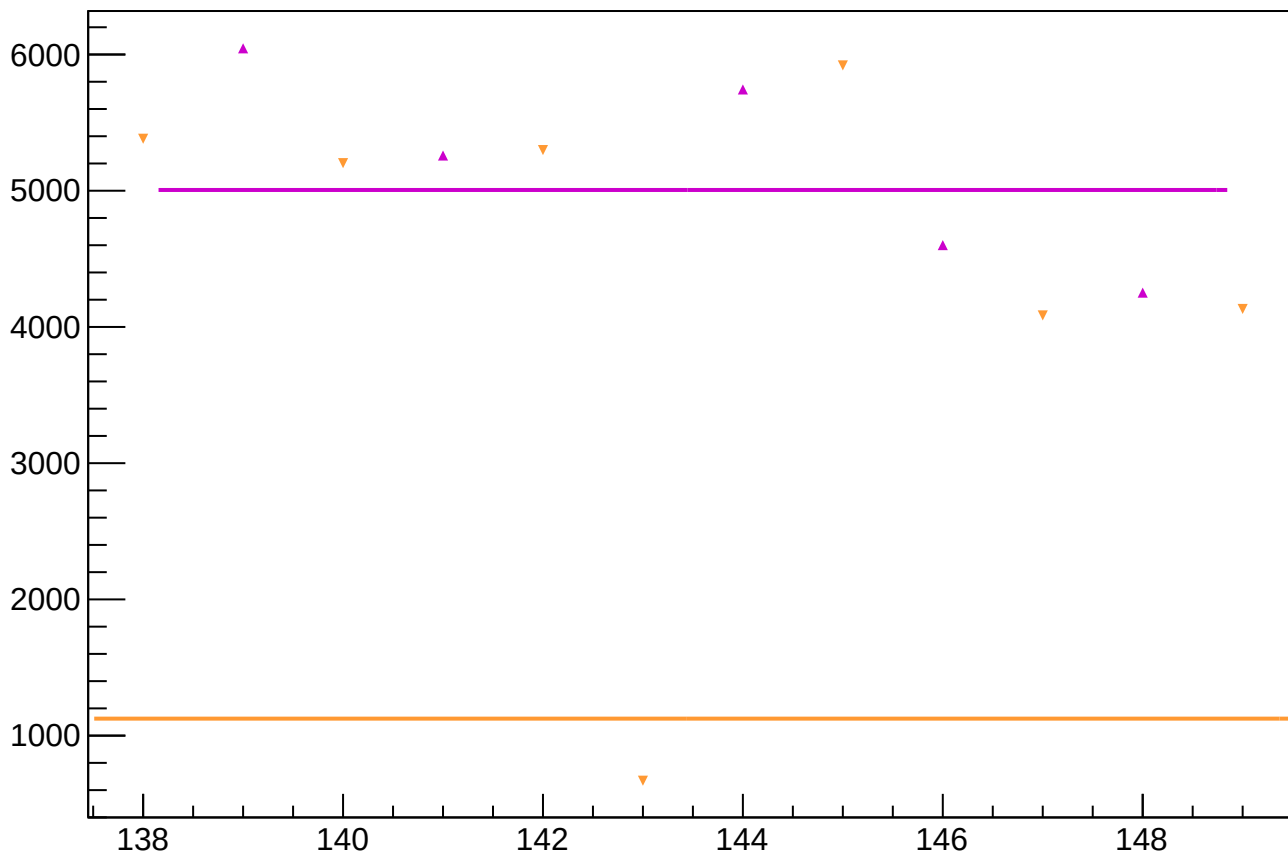
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1367.086+/-2491.528 χ^2/NDF :2.1/4

Out: -1156.366+/-776.260 χ^2/NDF :9.6/6

All: -933.089+/-741.122 χ^2/NDF : 12.6/11

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1124.802+/-0.549 χ^2/NDF :5681021.2/6

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

Left In: 5005.555+/-1.762 χ^2/NDF :142459.5/4

Left: 1468.174+/-0.524 χ^2/NDF : 10246269.5/11

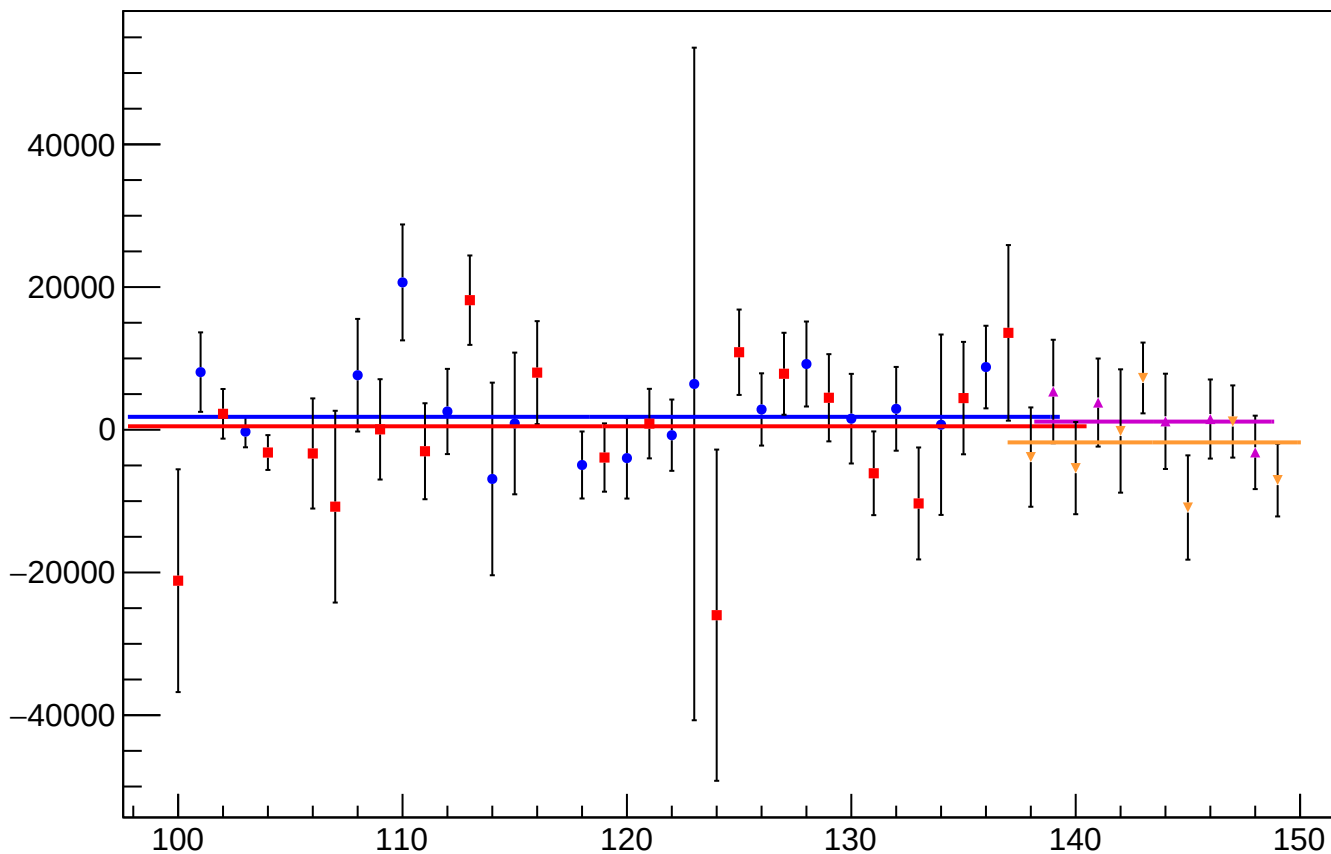
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5005.555+/-1.762 χ^2/NDF :142459.5/4

Out: 1124.802+/-0.549 χ^2/NDF :5681021.2/6

All: 1468.174+/-0.524 χ^2/NDF : 10246269.5/11

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -1767.845+/-2265.319 χ^2/NDF : 6.7/6

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

Left In: 1146.697+/-2691.810 χ^2/NDF : 1.2/4

Left: -559.486+/-1733.234 χ^2/NDF : 8.6/11

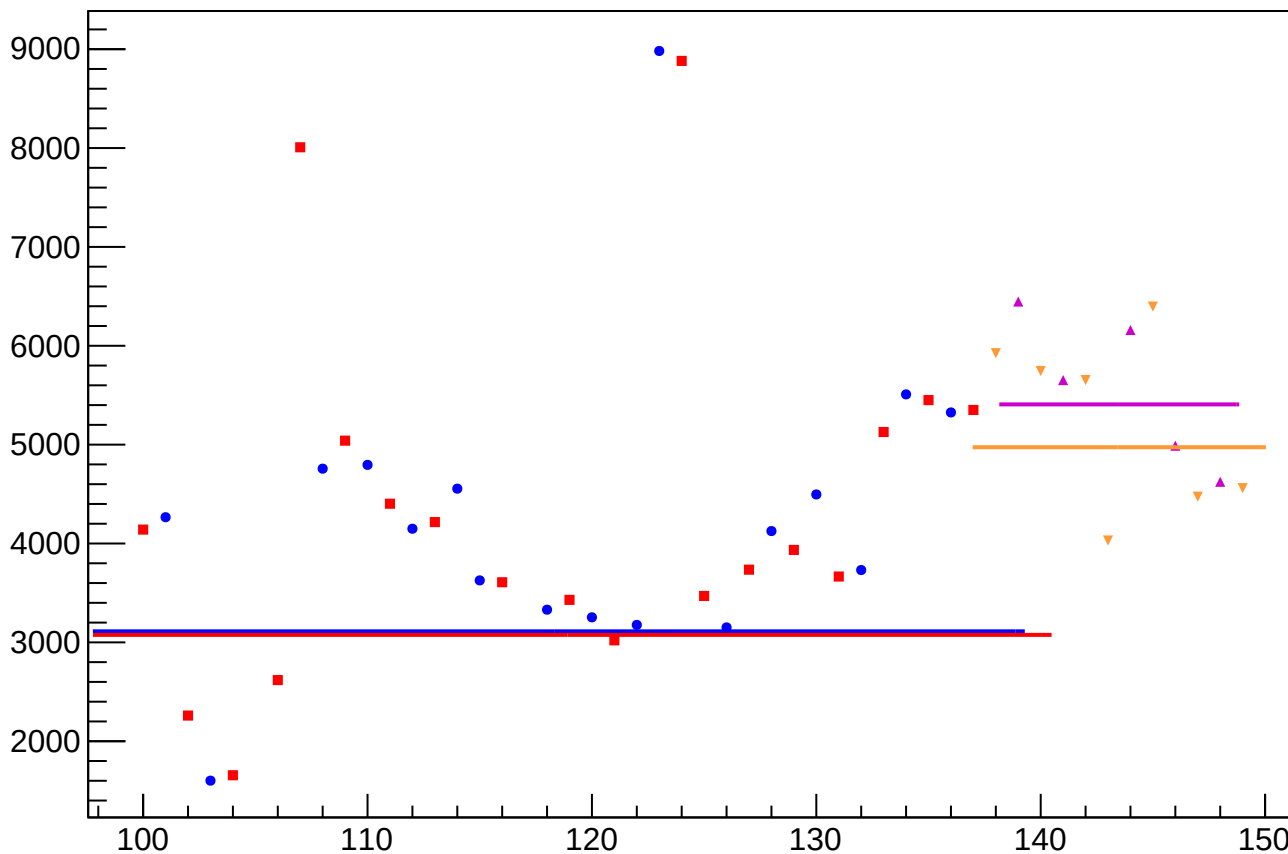
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

In: 1687.806+/-1171.589 χ^2/NDF : 16.3/21

Out: -61.584+/-1118.405 χ^2/NDF : 33.9/25

All: 772.505+/-808.980 χ^2/NDF : 51.4/47

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560 $\pm$ 0.920 χ^2/NDF : 1878991.5/16

Left Out: 4973.821 $\pm$ 1.602 χ^2/NDF : 259025.0/6

Right Out: 3075.800 $\pm$ 0.896 χ^2/NDF : 2009557.4/18

Left In: 5407.055 $\pm$ 1.903 χ^2/NDF : 127392.7/4

Left: 5153.438 $\pm$ 1.226 χ^2/NDF : 416745.7/11

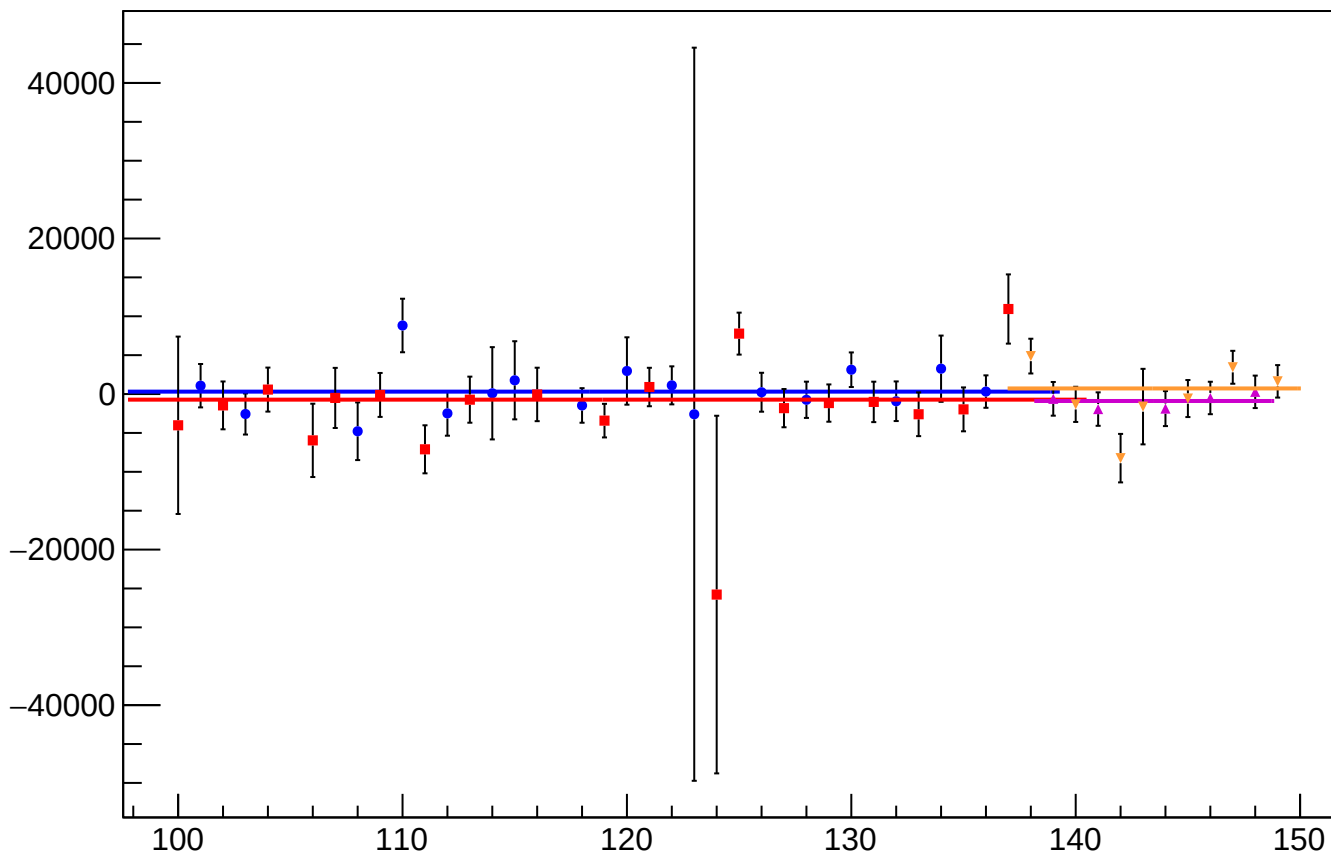
Right: 3093.209 $\pm$ 0.642 χ^2/NDF : 3889323.9/35

In: 3546.405 $\pm$ 0.828 χ^2/NDF : 3185299.1/21

Out: 3528.312 $\pm$ 0.782 χ^2/NDF : 3337865.9/25

All: 3536.838 $\pm$ 0.569 χ^2/NDF : 6523417.2/47

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 310.890 ± 702.491 χ^2/NDF : 13.9/16

Left Out: 720.585 ± 924.384 χ^2/NDF : 14.9/6

Right Out: -720.015 ± 692.327 χ^2/NDF : 26.8/18

Left In: -892.297 ± 959.341 χ^2/NDF : 0.8/4

Left: -55.936 ± 665.653 χ^2/NDF : 17.2/11

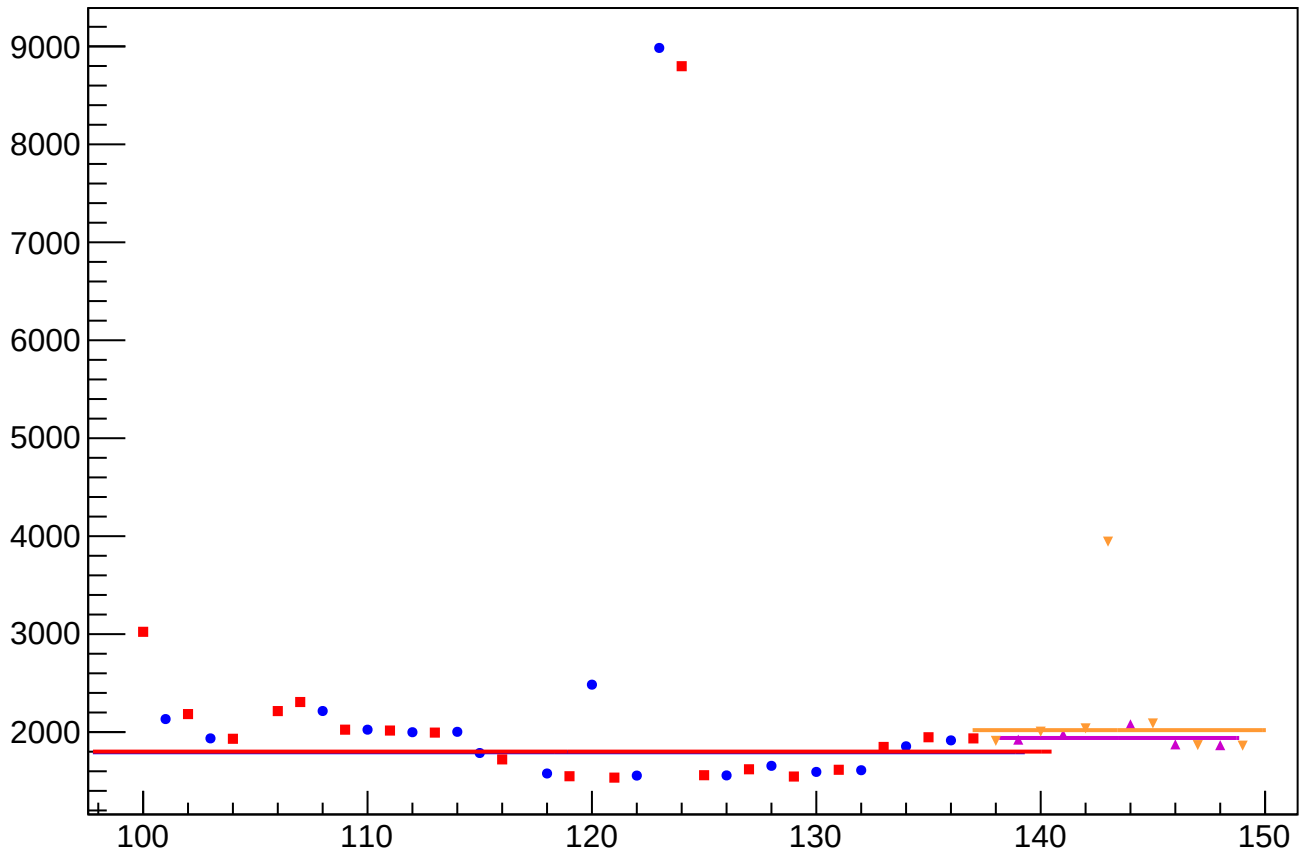
Right: -212.074 ± 493.103 χ^2/NDF : 41.8/35

In: -109.080 ± 566.781 χ^2/NDF : 15.7/21

Out: -202.319 ± 554.138 χ^2/NDF : 43.3/25

All: -156.751 ± 396.229 χ^2/NDF : 59.0/47

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1794.083+/-0.497 χ^2/NDF : 276685.7/16

Left Out: 2019.930+/-0.654 χ^2/NDF : 342725.0/6

Right Out: 1800.745+/-0.489 χ^2/NDF : 444850.1/18

Left In: 1939.981+/-0.678 χ^2/NDF : 12802.3/4

Left: 1981.439+/-0.471 χ^2/NDF : 362730.2/11

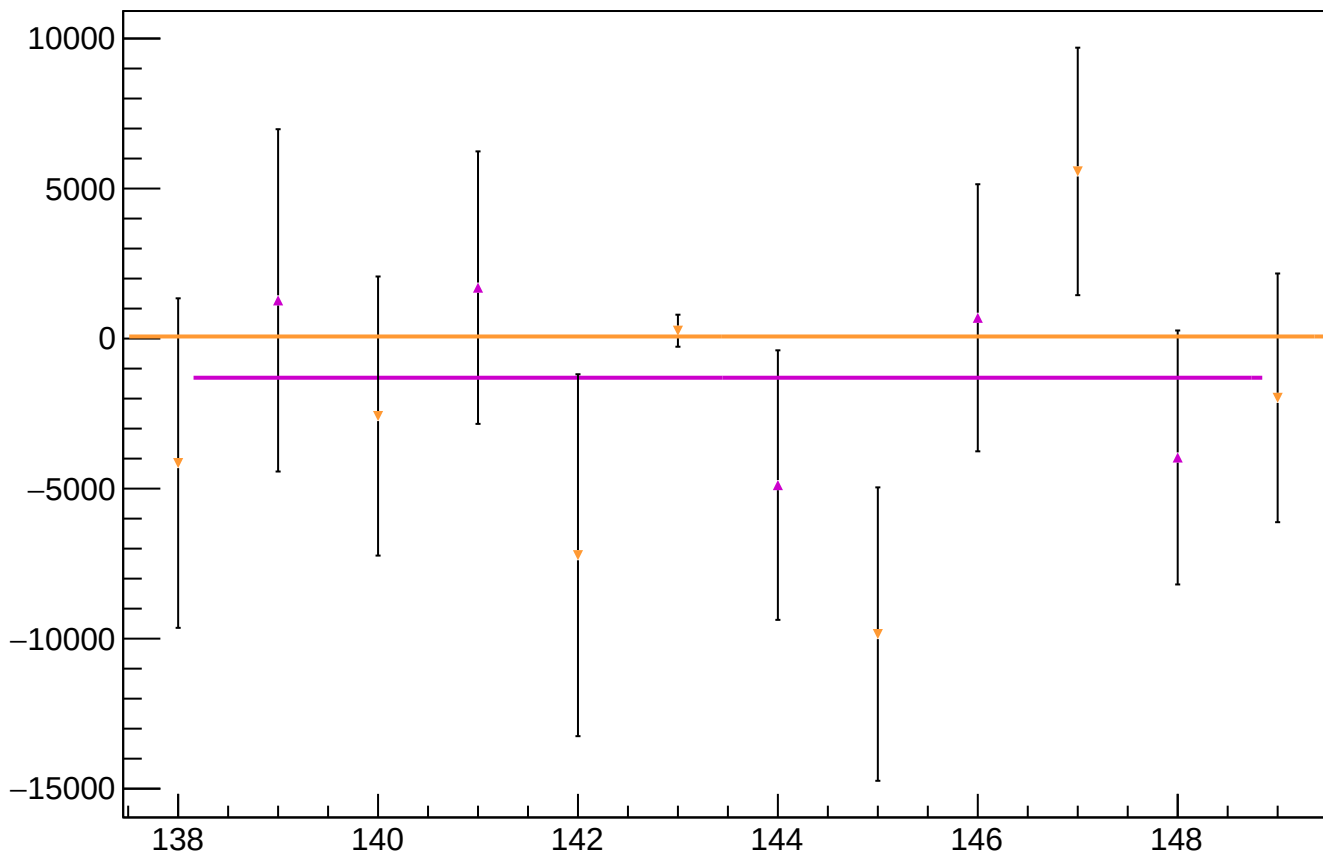
Right: 1797.467+/-0.348 χ^2/NDF : 721627.3/35

In: 1845.008+/-0.401 χ^2/NDF : 319599.6/21

Out: 1879.355+/-0.391 χ^2/NDF : 859693.1/25

All: 1862.586+/-0.280 χ^2/NDF : 1183051.7/47

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 69.822+/-514.783 χ^2/NDF :8.6/6

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

Left In: -1304.906+/-2062.269 χ^2/NDF :1.9/4

Left: -10.813+/-499.458 χ^2/NDF : 10.9/11

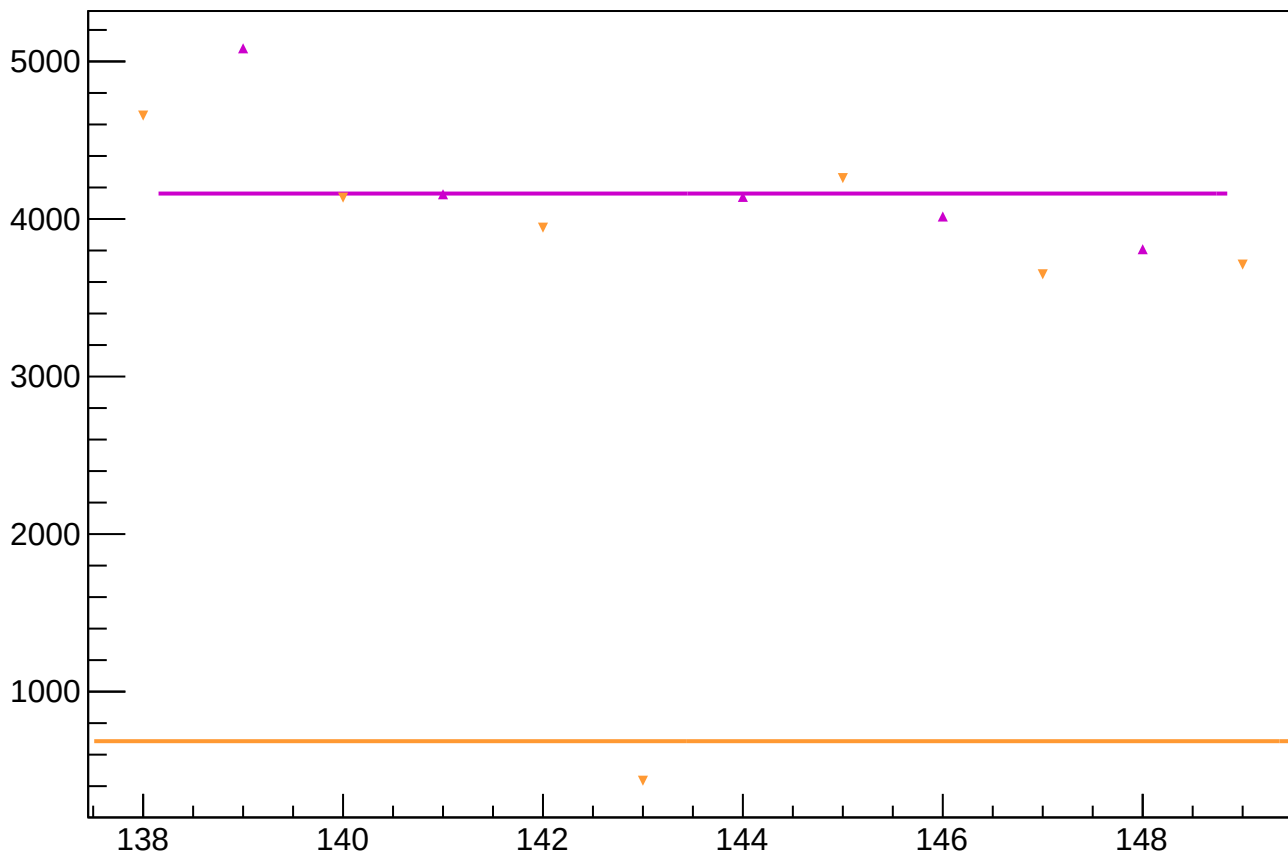
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1304.906+/-2062.269 χ^2/NDF :1.9/4

Out: 69.822+/-514.783 χ^2/NDF :8.6/6

All: -10.813+/-499.458 χ^2/NDF : 10.9/11

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 685.439+/-0.364 χ^2/NDF :6340032.6/6

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

Left In: 4161.511+/-1.458 χ^2/NDF :68367.9/4

Left: 889.329+/-0.353 χ^2/NDF : 11757318.3/11

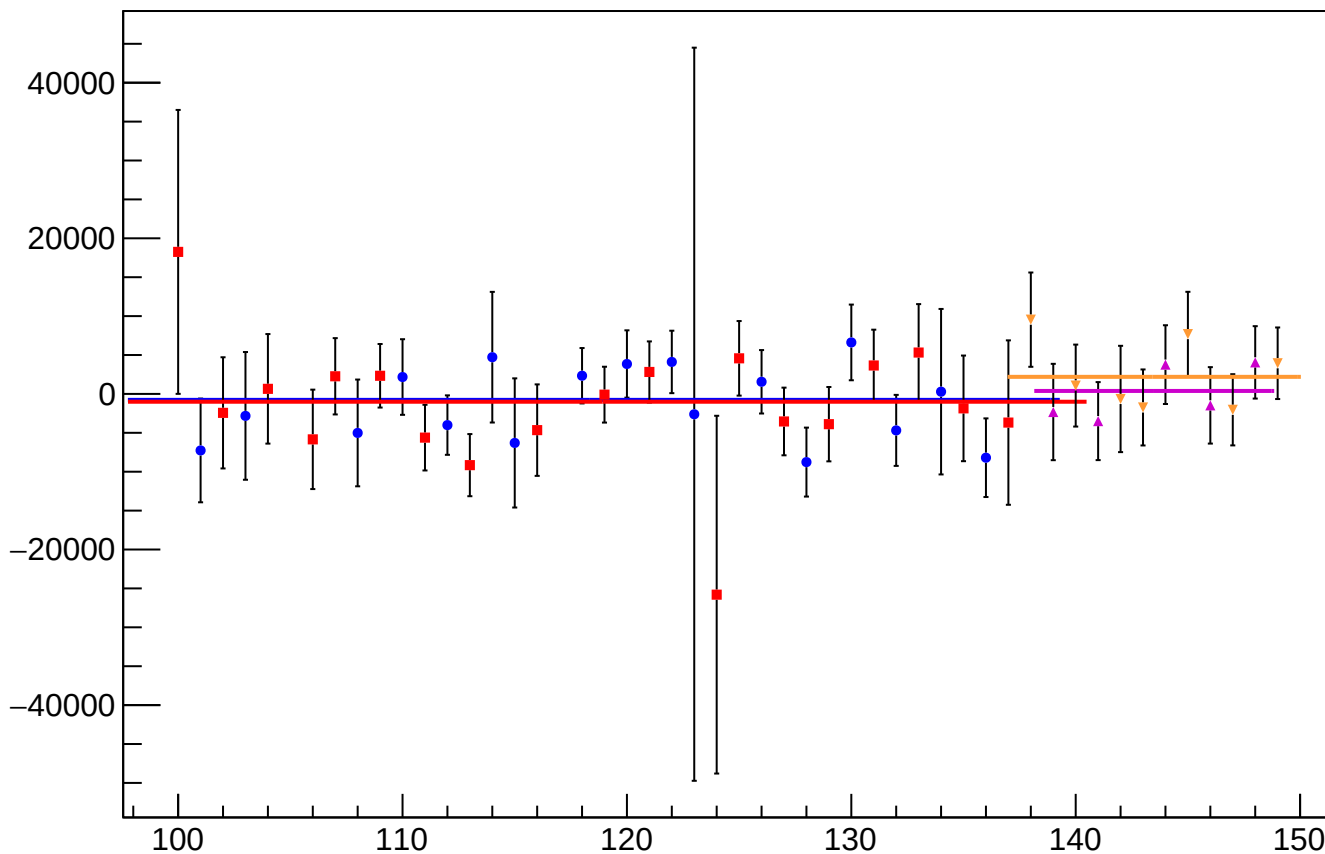
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4161.511+/-1.458 χ^2/NDF :68367.9/4

Out: 685.439+/-0.364 χ^2/NDF :6340032.6/6

All: 889.329+/-0.353 χ^2/NDF : 11757318.3/11

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2193.970+/-1978.406 χ^2/NDF : 4.4/6

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

Left In: 381.235+/-2279.031 χ^2/NDF : 2.0/4

Left: 1414.968+/-1494.006 χ^2/NDF : 6.7/11

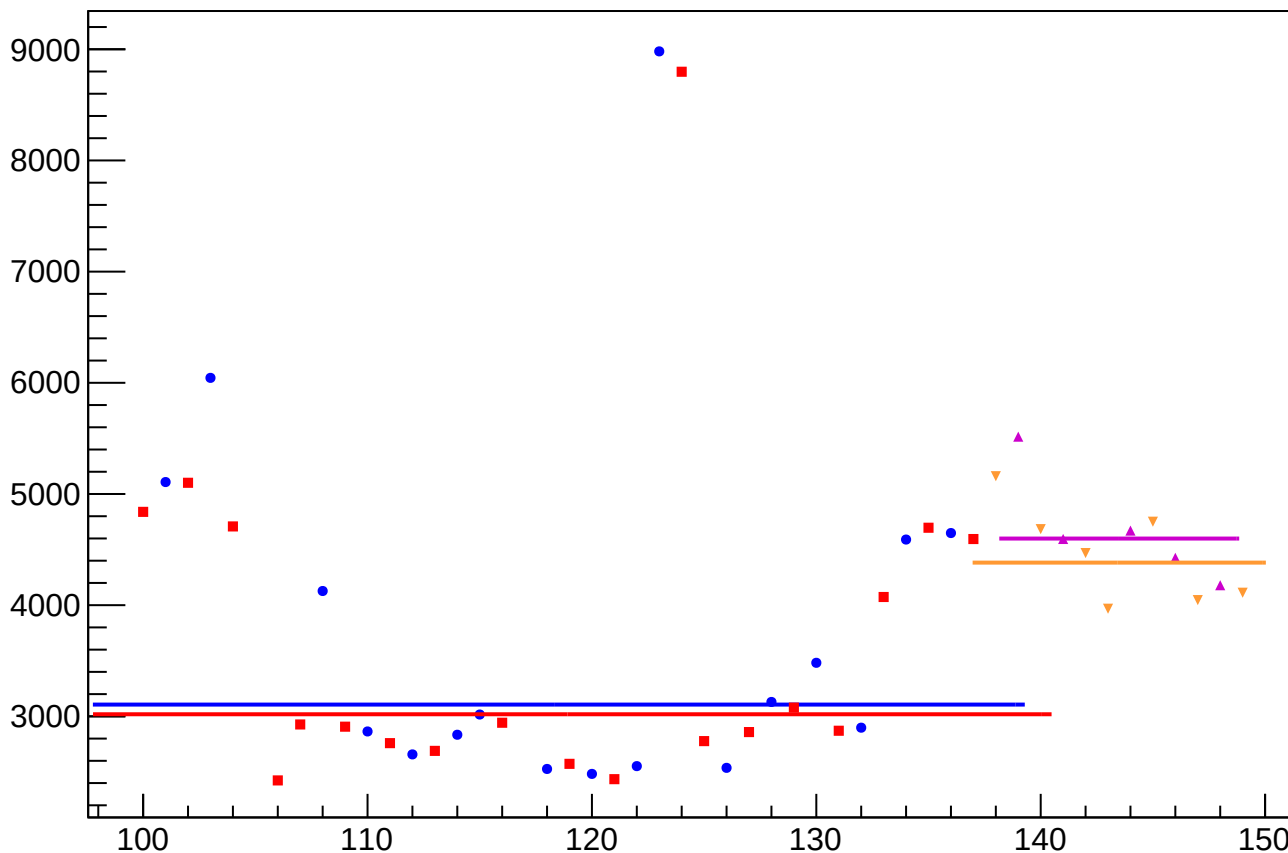
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

In: -500.753+/-1094.424 χ^2/NDF : 17.7/21

Out: -153.789+/-1020.446 χ^2/NDF : 21.3/25

All: -315.149+/-746.348 χ^2/NDF : 39.1/47

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4382.818+/-1.399 χ^2/NDF : 81105.6/6

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

Left In: 4599.139+/-1.612 χ^2/NDF : 62983.5/4

Left: 4475.780+/-1.056 χ^2/NDF : 154364.6/11

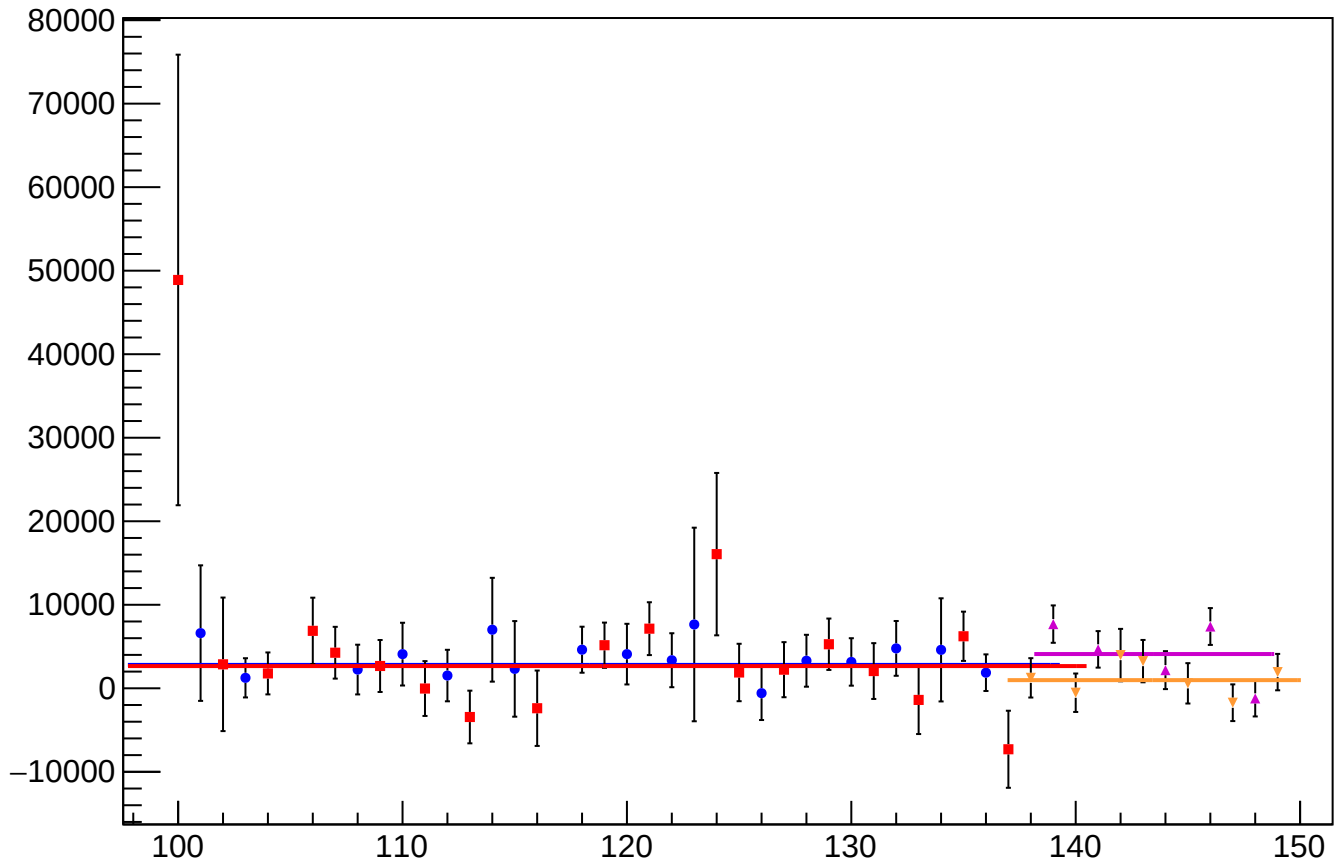
Right: 3059.752+/-0.605 χ^2/NDF : 1759257.8/35

In: 3450.209+/-0.774 χ^2/NDF : 1683453.7/21

Out: 3375.034+/-0.715 χ^2/NDF : 1577793.8/25

All: 3409.650+/-0.525 χ^2/NDF : 3266338.6/47

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2800.286 $\pm$ 815.307 χ^2 /NDF: 4.0/16

Left Out: 977.421 $\pm$ 907.198 χ^2 /NDF:3.9/6

Right Out: 2660.424 $\pm$ 808.554 χ^2 /NDF: 22.8/18

Left In: 4102.167 $\pm$ 989.106 χ^2 /NDF:11.6/4

Left: 2405.078 $\pm$ 668.571 χ^2 /NDF: 20.9/11

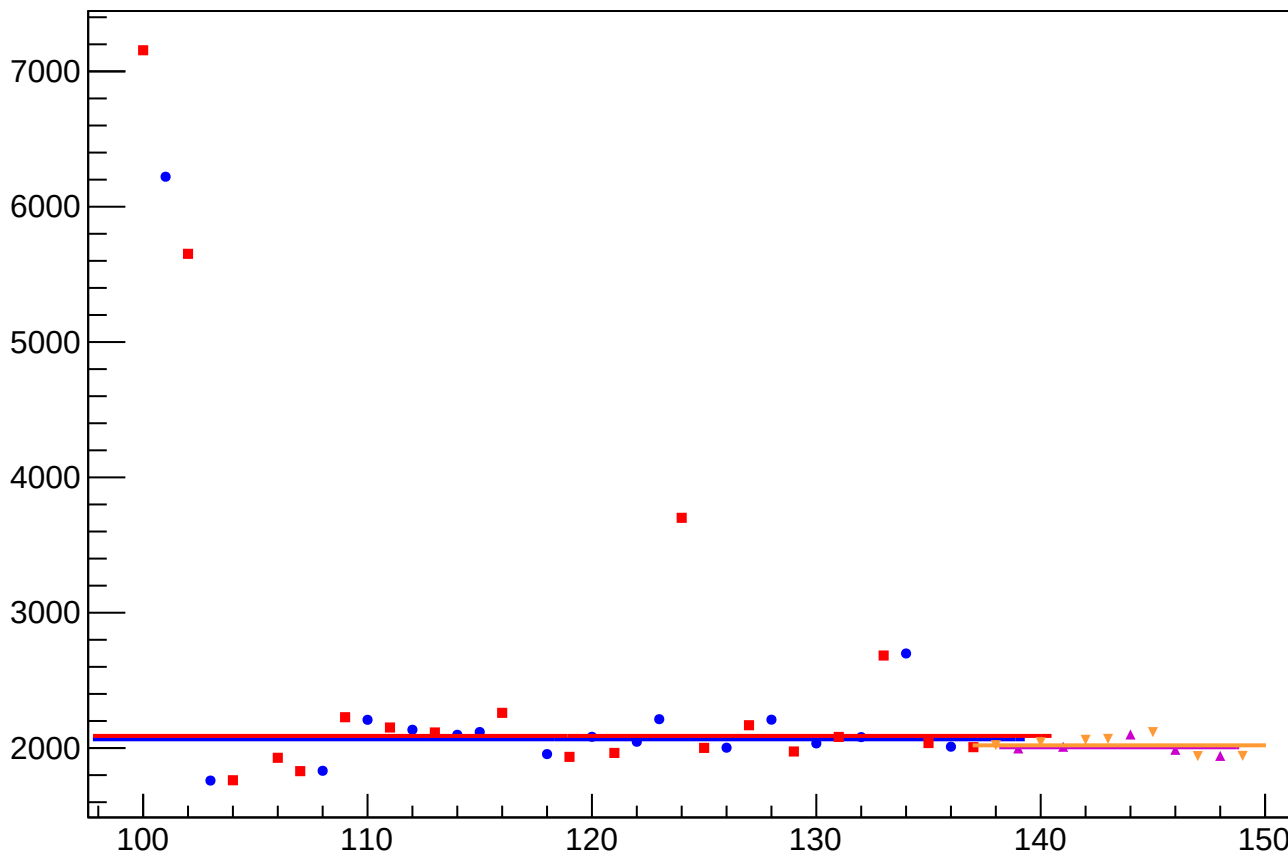
Right: 2729.773 $\pm$ 574.107 χ^2 /NDF: 26.8/35

In: 3326.984 $\pm$ 629.126 χ^2 /NDF:16.6/21

Out: 1915.365 $\pm$ 603.608 χ^2 /NDF:28.6/25

All: 2591.966 $\pm$ 435.557 χ^2 /NDF: 47.9/47

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2064.706 $\pm$ 0.577 χ^2 /NDF: 606406.5/16

Left Out: 2020.066 $\pm$ 0.641 χ^2 /NDF:9697.0/6

Right Out: 2089.787 $\pm$ 0.572 χ^2 /NDF: 640582.7/18

Left In: 2005.765 $\pm$ 0.699 χ^2 /NDF:5365.9/4

Left: 2013.532 $\pm$ 0.473 χ^2 /NDF: 15290.0/11

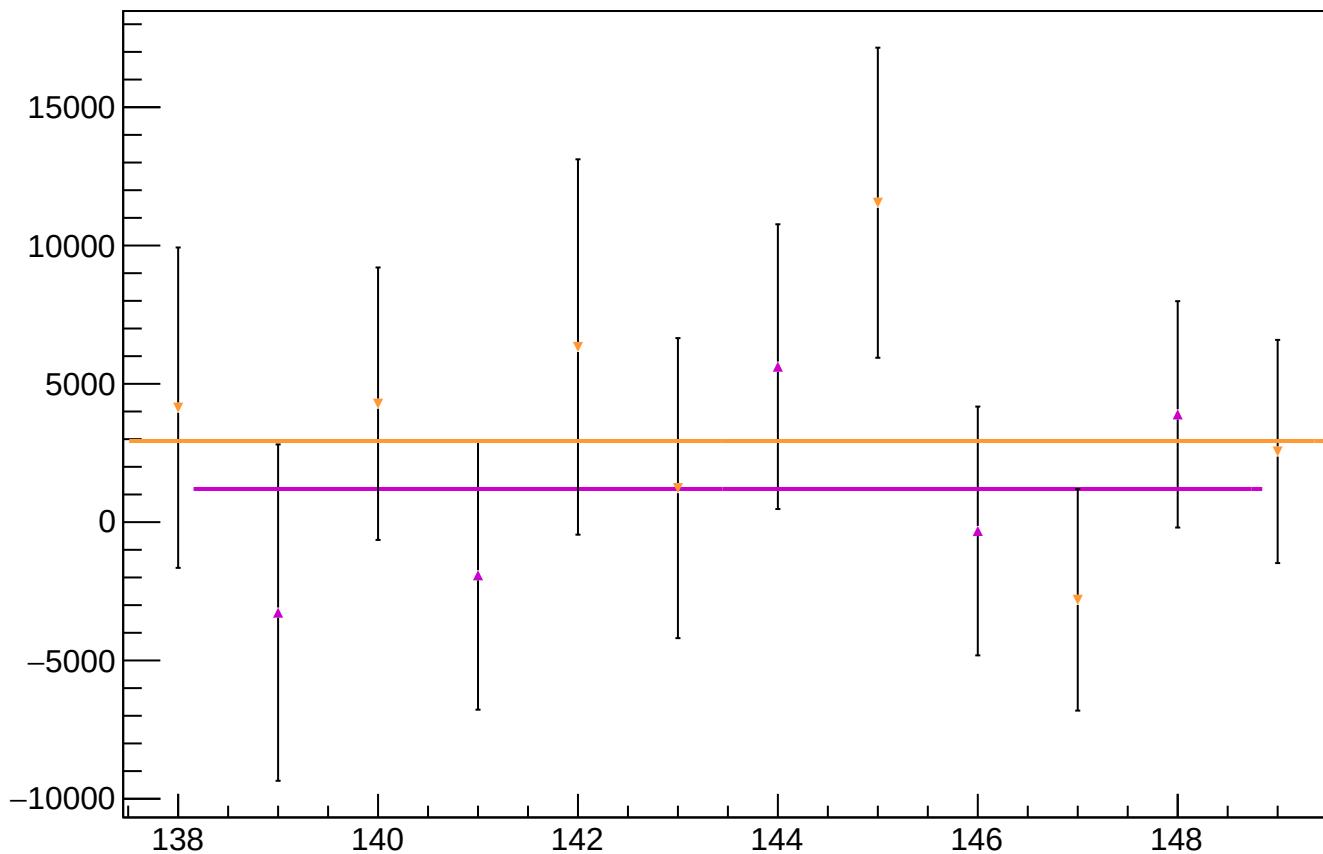
Right: 2077.355 $\pm$ 0.406 χ^2 /NDF: 1247943.7/35

In: 2040.860 $\pm$ 0.445 χ^2 /NDF:616001.1/21

Out: 2058.934 $\pm$ 0.427 χ^2 /NDF:656865.0/25

All: 2050.273 $\pm$ 0.308 χ^2 /NDF: 1273725.8/47

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2934.332+/-1881.741 χ^2/NDF :4.9/6

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

Left In: 1199.221+/-2149.992 χ^2/NDF :2.2/4

Left: 2181.714+/-1415.992 χ^2/NDF : 7.5/11

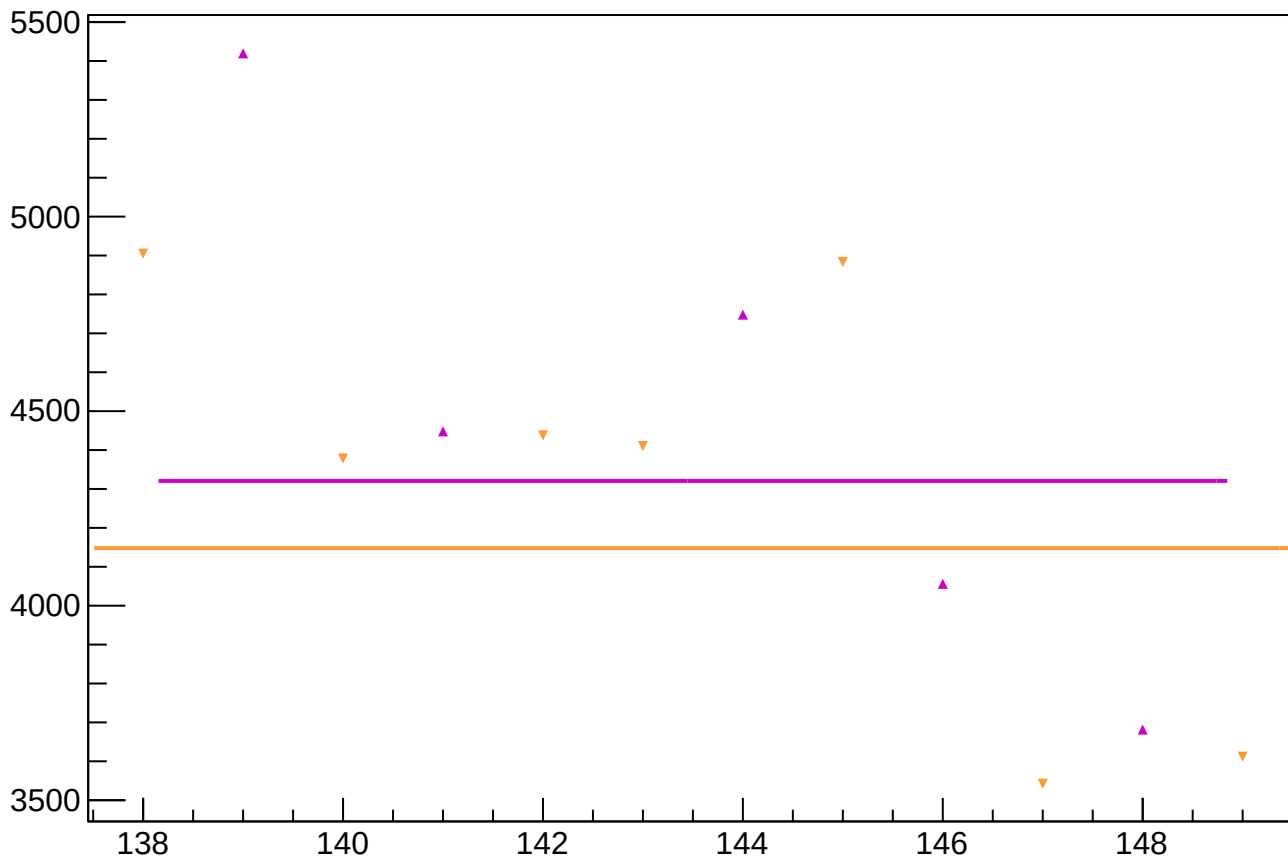
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1199.221+/-2149.992 χ^2/NDF :2.2/4

Out: 2934.332+/-1881.741 χ^2/NDF :4.9/6

All: 2181.714+/-1415.992 χ^2/NDF : 7.5/11

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4147.936+/-1.331 χ^2/NDF :162326.5/6

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

Left In: 4320.712+/-1.520 χ^2/NDF :136229.0/4

Left: 4222.879+/-1.001 χ^2/NDF : 305869.0/11

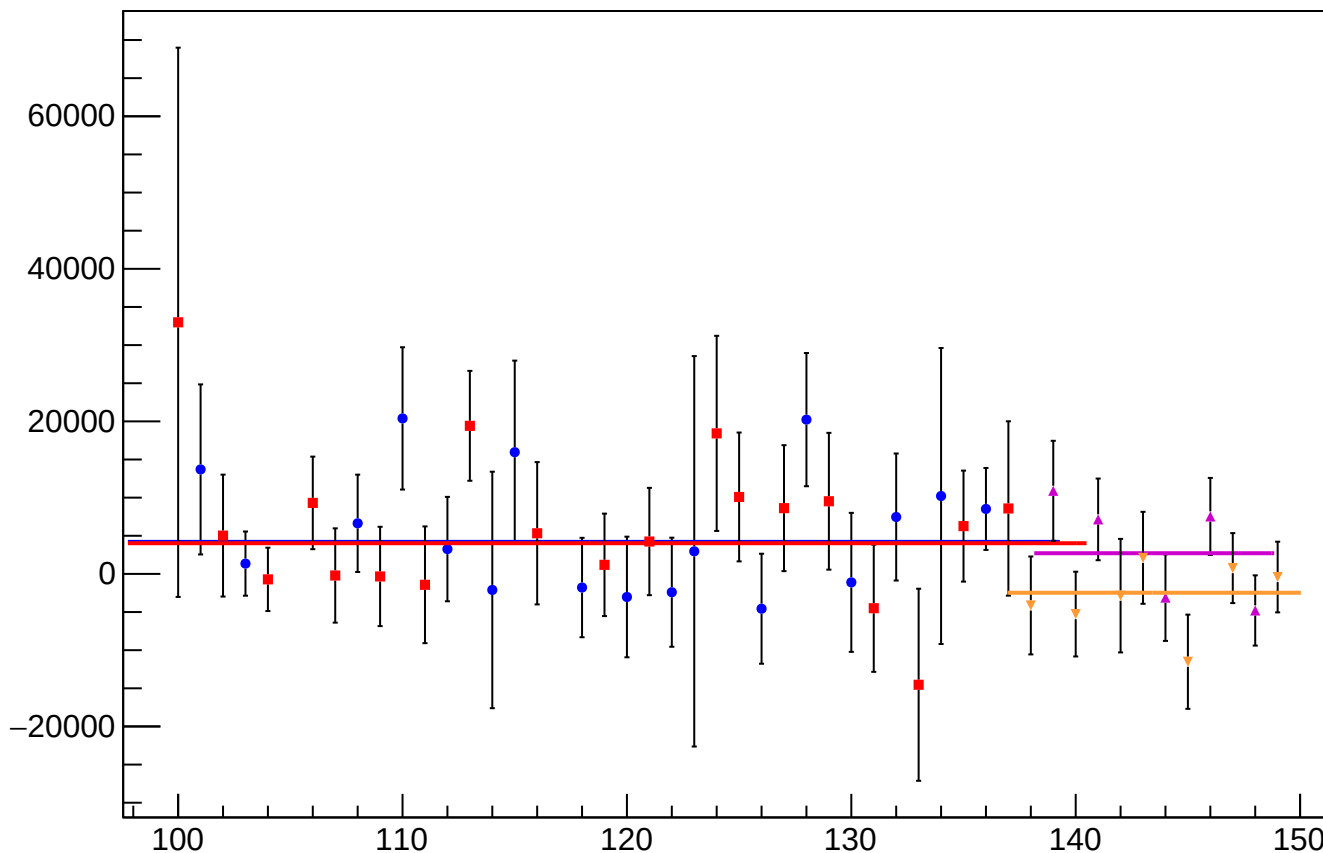
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4320.712+/-1.520 χ^2/NDF :136229.0/4

Out: 4147.936+/-1.331 χ^2/NDF :162326.5/6

All: 4222.879+/-1.001 χ^2/NDF : 305869.0/11

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2468.411+/-2119.950 χ^2/NDF : 3.7/6

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

Left In: 2711.949+/-2386.989 χ^2/NDF : 6.9/4

Left: -184.096+/-1585.070 χ^2/NDF : 13.2/11

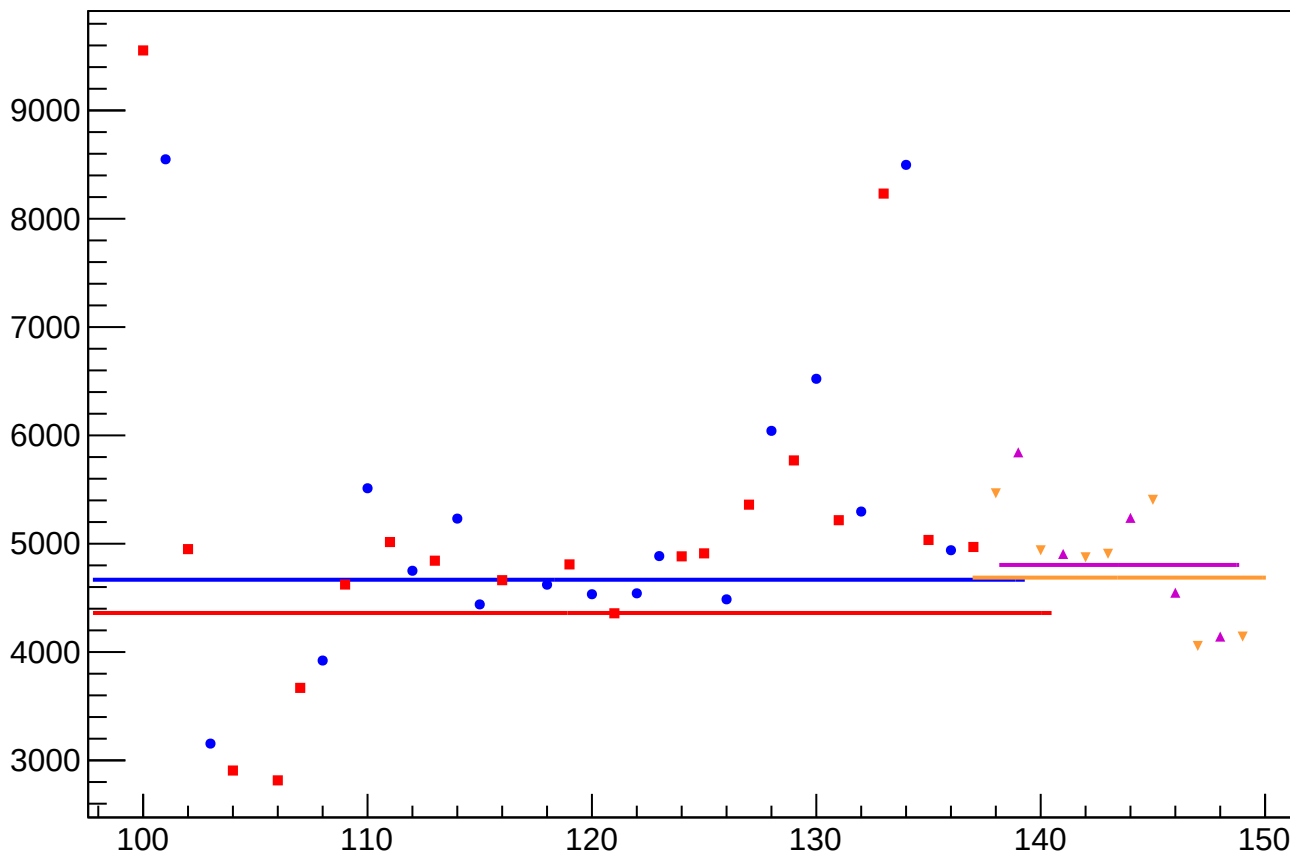
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

In: 3637.881+/-1466.087 χ^2/NDF : 21.2/21

Out: 1437.197+/-1338.099 χ^2/NDF : 24.2/25

All: 2437.305+/-988.335 χ^2/NDF : 46.7/47

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470 $\pm$ 1.314 χ^2/NDF : 777857.9/16

Left Out: 4686.986 $\pm$ 1.499 χ^2/NDF : 129885.1/6

Right Out: 4360.582 $\pm$ 1.213 χ^2/NDF : 832745.2/18

Left In: 4803.995 $\pm$ 1.688 χ^2/NDF : 109137.0/4

Left: 4738.582 $\pm$ 1.121 χ^2/NDF : 241708.8/11

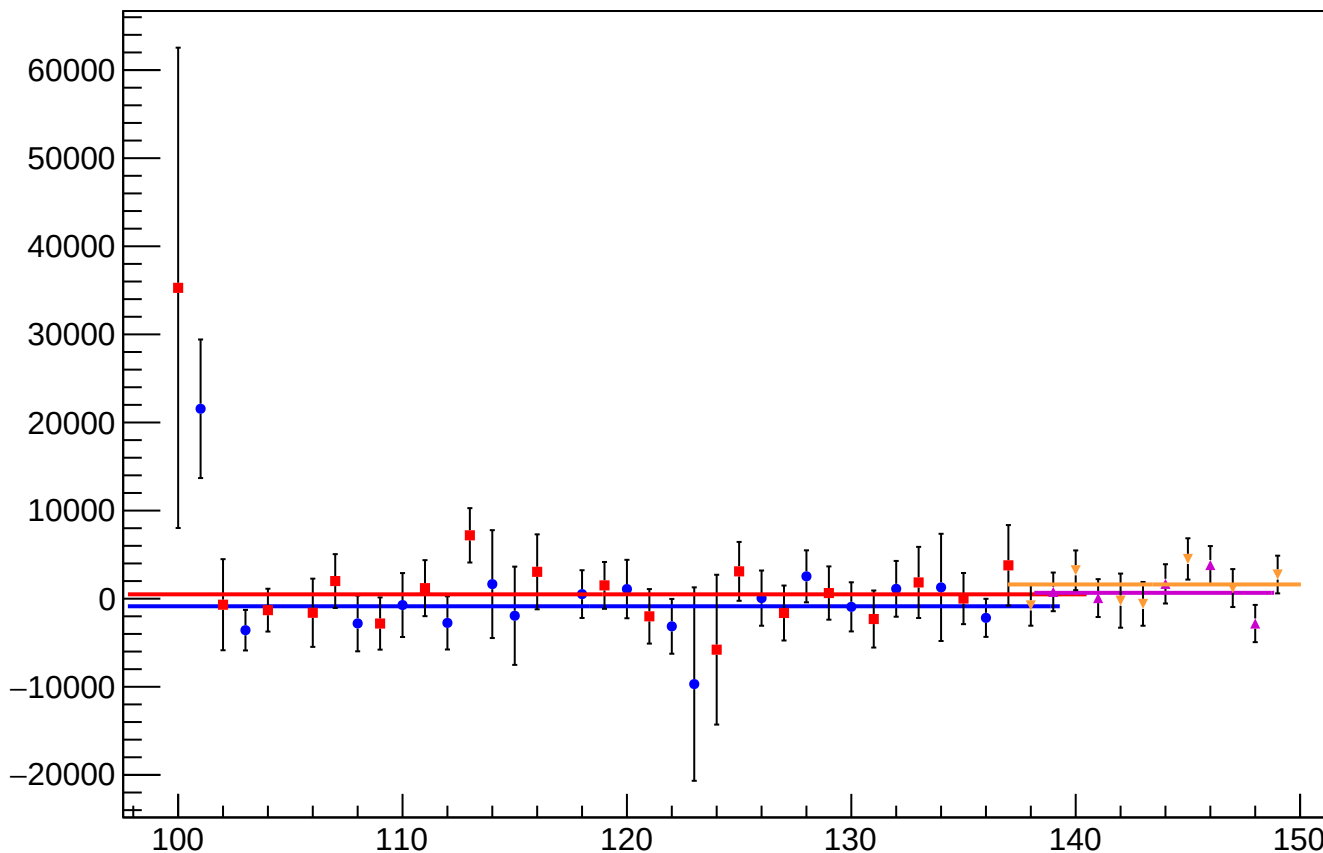
Right: 4501.800 $\pm$ 0.891 χ^2/NDF : 1640064.7/35

In: 4718.973 $\pm$ 1.037 χ^2/NDF : 891069.4/21

Out: 4489.718 $\pm$ 0.943 χ^2/NDF : 991284.7/25

All: 4593.507 $\pm$ 0.698 χ^2/NDF : 1909118.3/47

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -860.655+/-797.010 χ^2/NDF : 14.6/16

Left Out: 1618.100+/-887.914 χ^2/NDF : 4.6/6

Right Out: 495.139+/-780.927 χ^2/NDF : 13.0/18

Left In: 664.910+/-968.939 χ^2/NDF : 5.2/4

Left: 1183.019+/-654.624 χ^2/NDF : 10.2/11

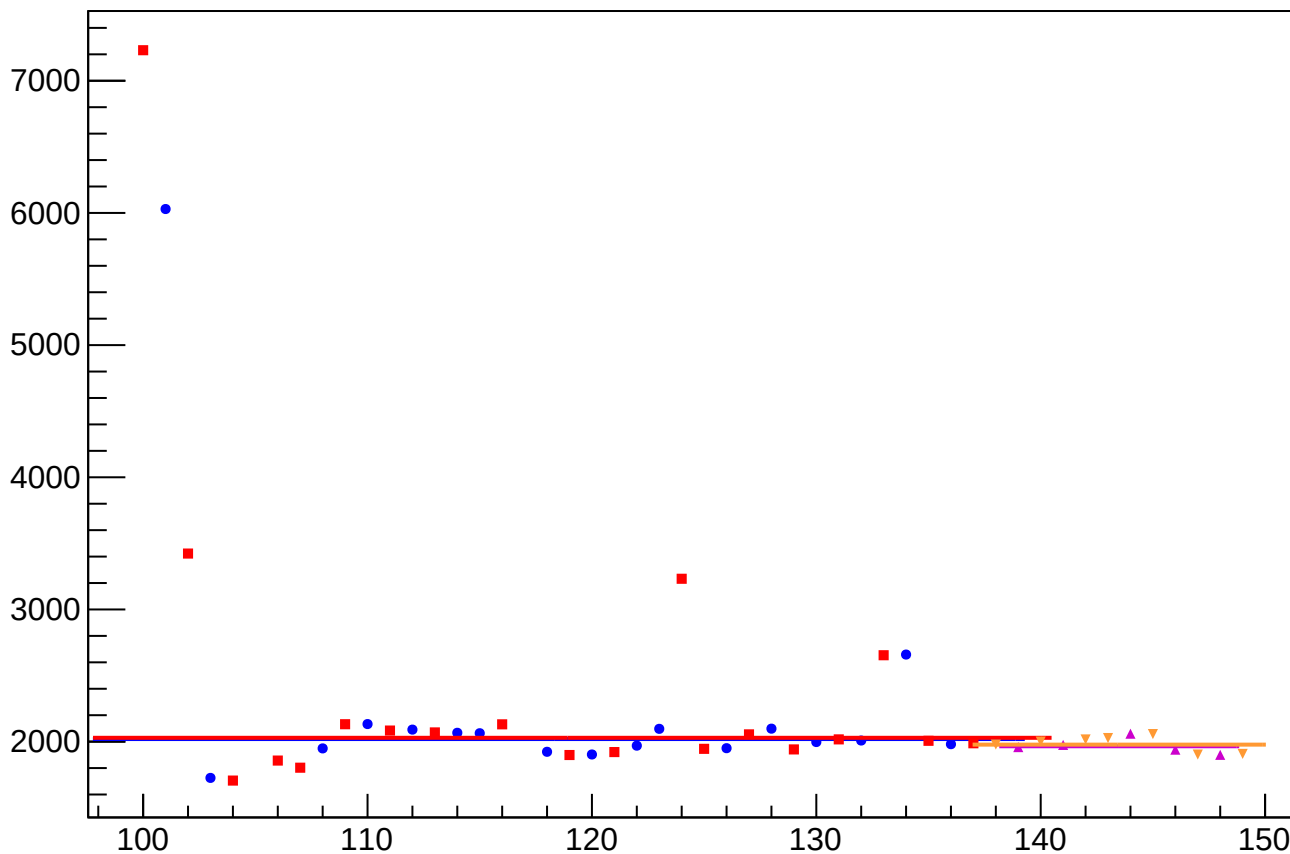
Right: -168.941+/-557.798 χ^2/NDF : 29.0/35

In: -245.004+/-615.529 χ^2/NDF : 21.2/21

Out: 984.923+/-586.396 χ^2/NDF : 18.4/25

All: 399.754+/-424.570 χ^2/NDF : 41.7/47

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2019.624+/-0.564 χ^2/NDF : 587843.0/16

Left Out: 1977.358+/-0.628 χ^2/NDF : 8243.9/6

Right Out: 2028.987+/-0.551 χ^2/NDF : 371968.1/18

Left In: 1965.001+/-0.685 χ^2/NDF : 5867.0/4

Left: 1971.718+/-0.463 χ^2/NDF : 14287.8/11

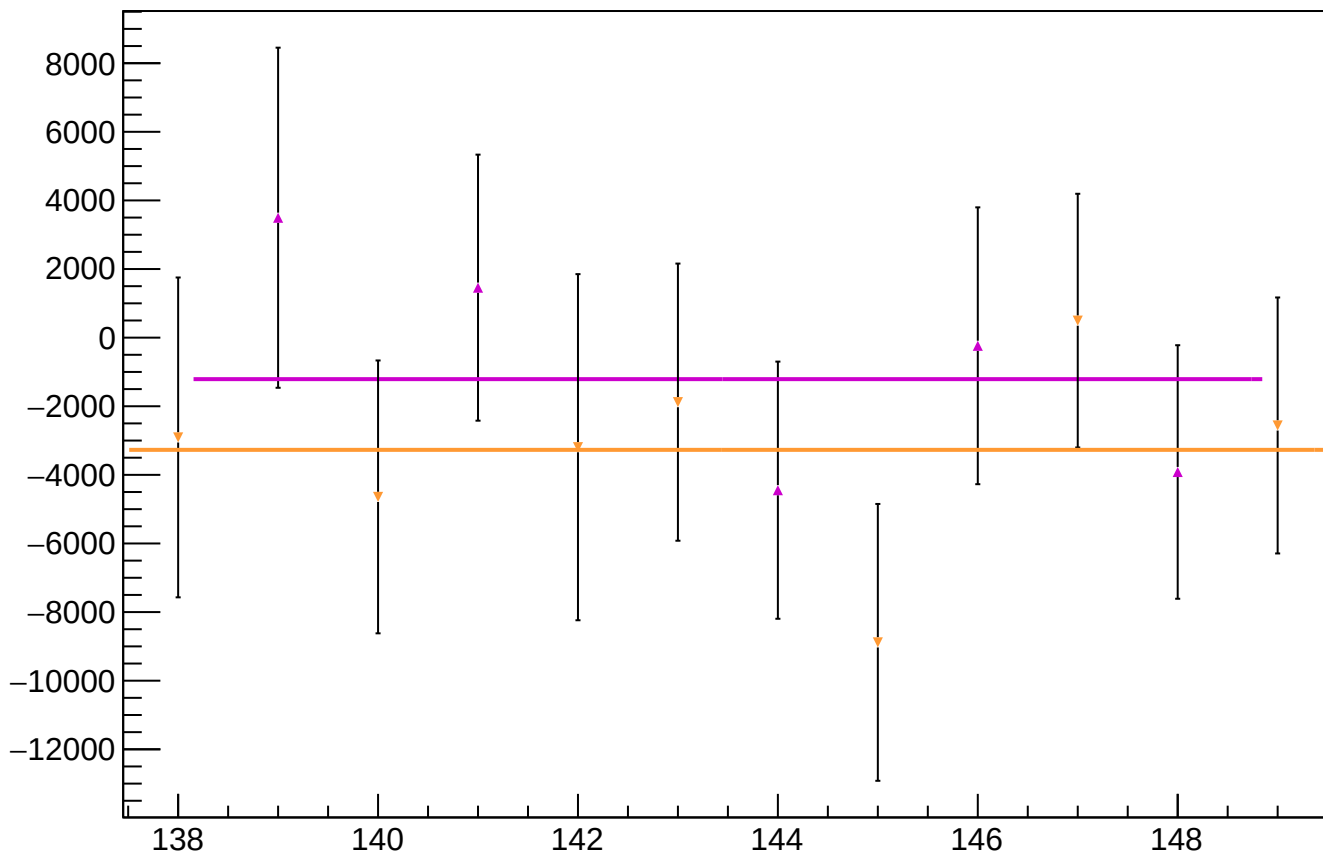
Right: 2024.407+/-0.394 χ^2/NDF : 959952.1/35

In: 1997.581+/-0.435 χ^2/NDF : 597501.2/21

Out: 2006.502+/-0.414 χ^2/NDF : 384029.1/25

All: 2002.260+/-0.300 χ^2/NDF : 981750.6/47

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3270.921+/-1550.065 χ^2/NDF :3.3/6

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

Left In: -1209.723+/-1787.355 χ^2/NDF :2.7/4

Left: -2386.135+/-1171.035 χ^2/NDF : 6.7/11

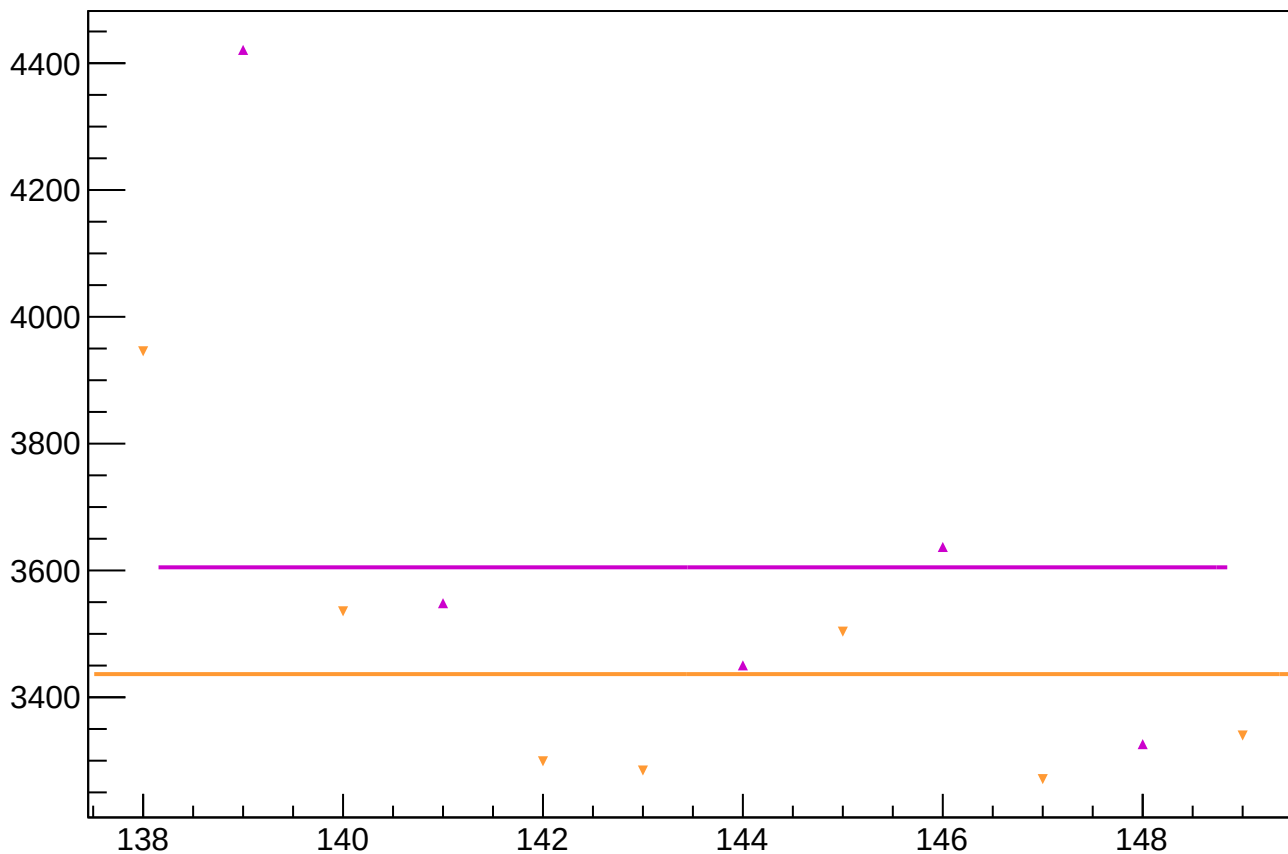
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1209.723+/-1787.355 χ^2/NDF :2.7/4

Out: -3270.921+/-1550.065 χ^2/NDF :3.3/6

All: -2386.135+/-1171.035 χ^2/NDF : 6.7/11

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3436.541+/-1.096 χ^2/NDF :35319.5/6

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

Left In: 3604.942+/-1.264 χ^2/NDF :69537.1/4

Left: 3508.829+/-0.828 χ^2/NDF : 114989.6/11

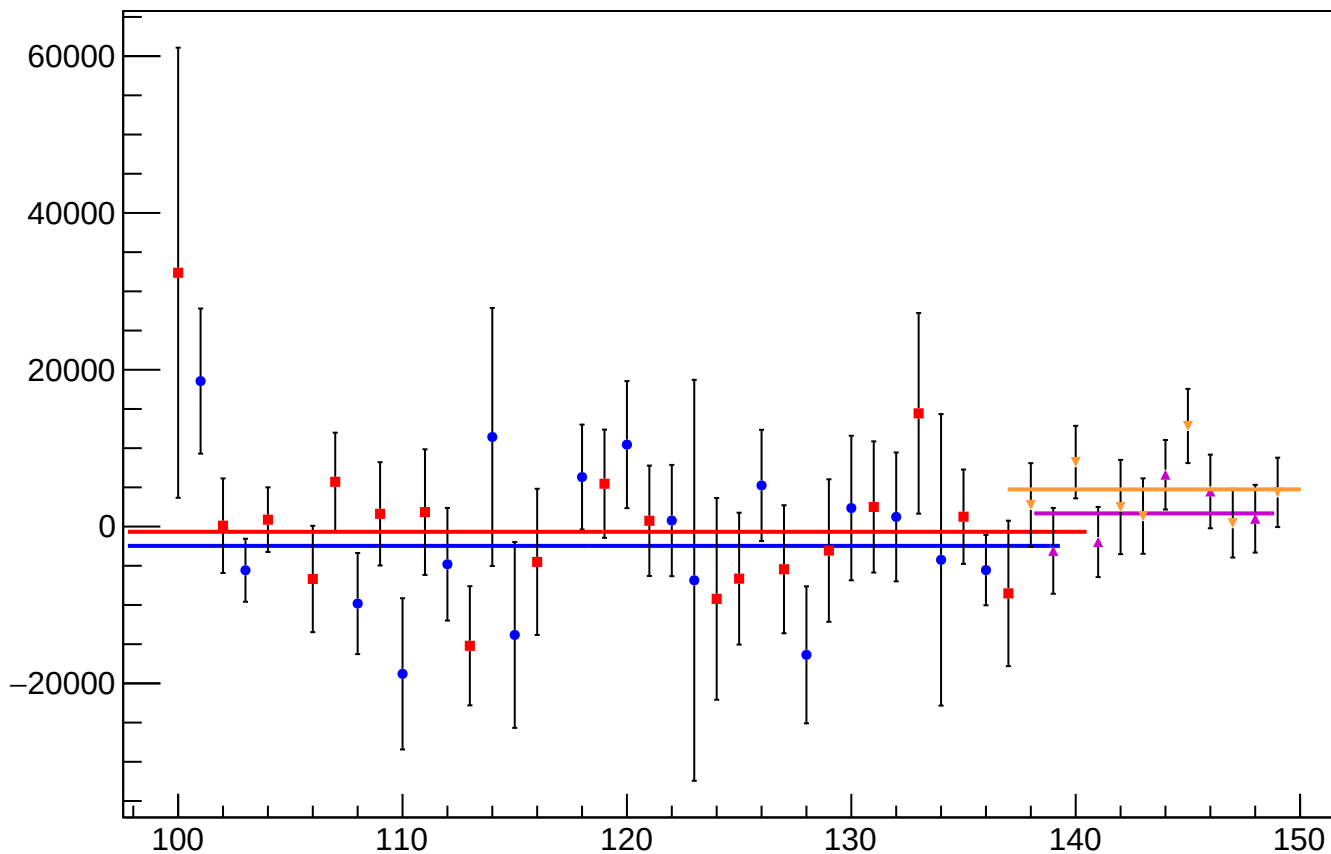
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3604.942+/-1.264 χ^2/NDF :69537.1/4

Out: 3436.541+/-1.096 χ^2/NDF :35319.5/6

All: 3508.829+/-0.828 χ^2/NDF : 114989.6/11

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254 ± 1797.293 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 4743.644 ± 1823.709 $\chi^2/\text{NDF}: 5.2/6$

Right Out: -666.170 ± 1689.812 $\chi^2/\text{NDF}: 11.9/18$

Left In: 1680.698 ± 2071.683 $\chi^2/\text{NDF}: 3.0/4$

Left: 3406.366 ± 1368.877 $\chi^2/\text{NDF}: 9.5/11$

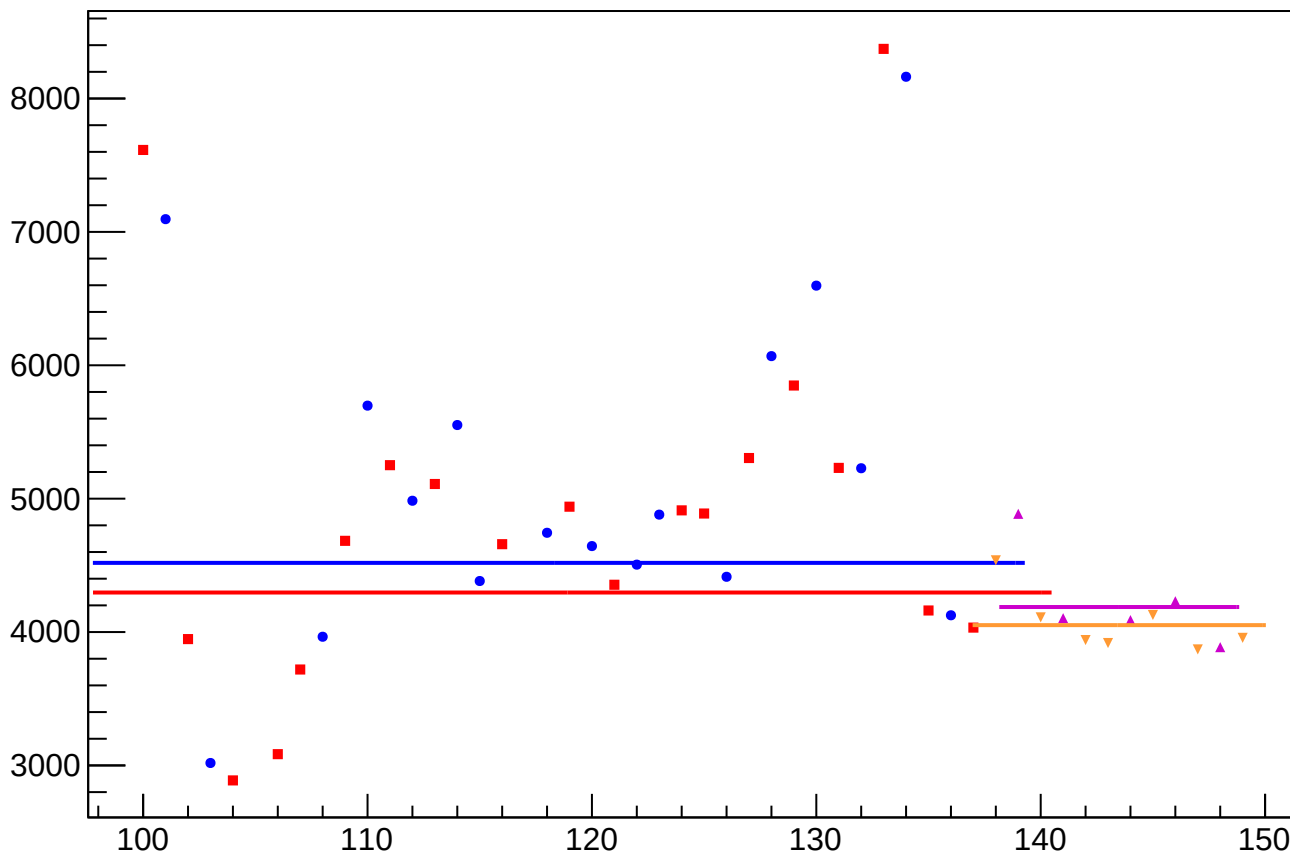
Right: -1508.905 ± 1231.122 $\chi^2/\text{NDF}: 33.3/35$

In: -683.128 ± 1357.599 $\chi^2/\text{NDF}: 26.2/21$

Out: 1832.873 ± 1239.513 $\chi^2/\text{NDF}: 21.9/25$

All: 689.035 ± 915.374 $\chi^2/\text{NDF}: 49.9/47$

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684+/-1.271 χ^2/NDF : 770226.9/16

Left Out: 4051.838+/-1.290 χ^2/NDF : 24089.6/6

Right Out: 4296.379+/-1.188 χ^2/NDF : 771702.5/18

Left In: 4187.660+/-1.465 χ^2/NDF : 44107.0/4

Left: 4111.138+/-0.968 χ^2/NDF : 73039.9/11

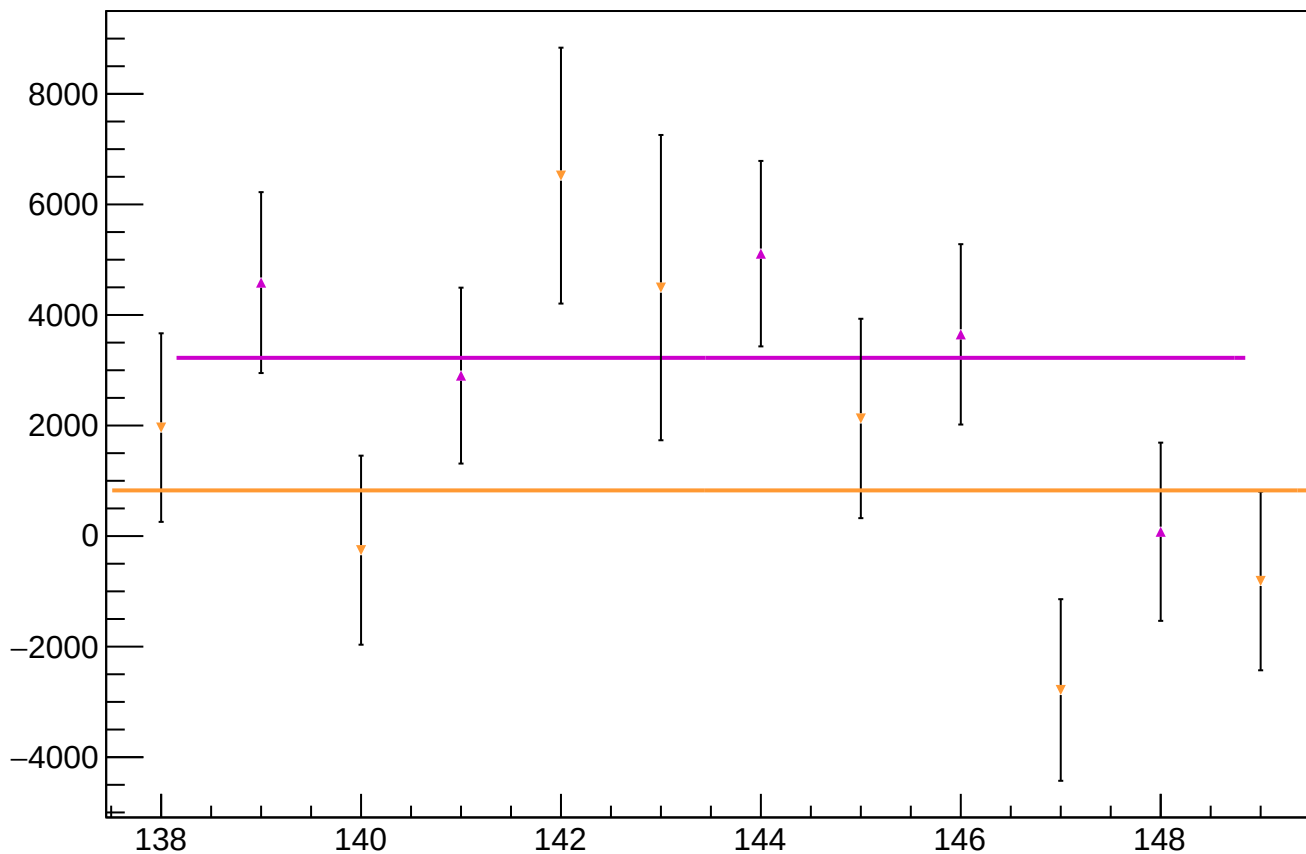
Right: 4400.071+/-0.868 χ^2/NDF : 1558255.2/35

In: 4376.531+/-0.960 χ^2/NDF : 843468.4/21

Out: 4184.089+/-0.874 χ^2/NDF : 815239.9/25

All: 4271.292+/-0.646 χ^2/NDF : 1680684.9/47

dit_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: 826.303+/-696.044 χ^2/NDF :15.0/6

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

Left In: 3224.514+/-728.534 χ^2/NDF :5.9/4

Left: 1970.742+/-503.271 χ^2/NDF : 26.6/11

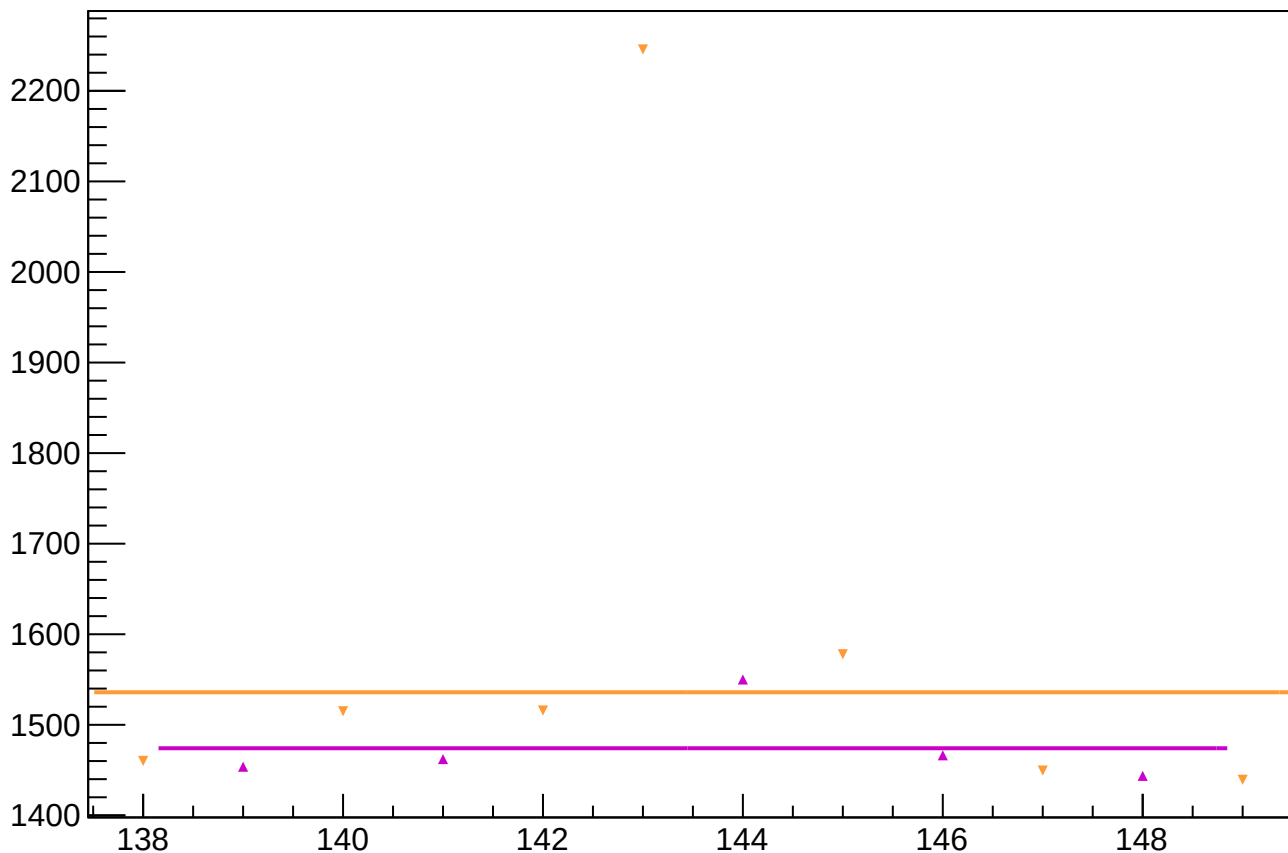
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3224.514+/-728.534 χ^2/NDF :5.9/4

Out: 826.303+/-696.044 χ^2/NDF :15.0/6

All: 1970.742+/-503.271 χ^2/NDF : 26.6/11

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: 1535.944+/-0.492 χ^2/NDF :150285.1/6

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

Left In: 1474.132+/-0.515 χ^2/NDF :5280.9/4

Left: 1506.447+/-0.356 χ^2/NDF : 163092.8/11

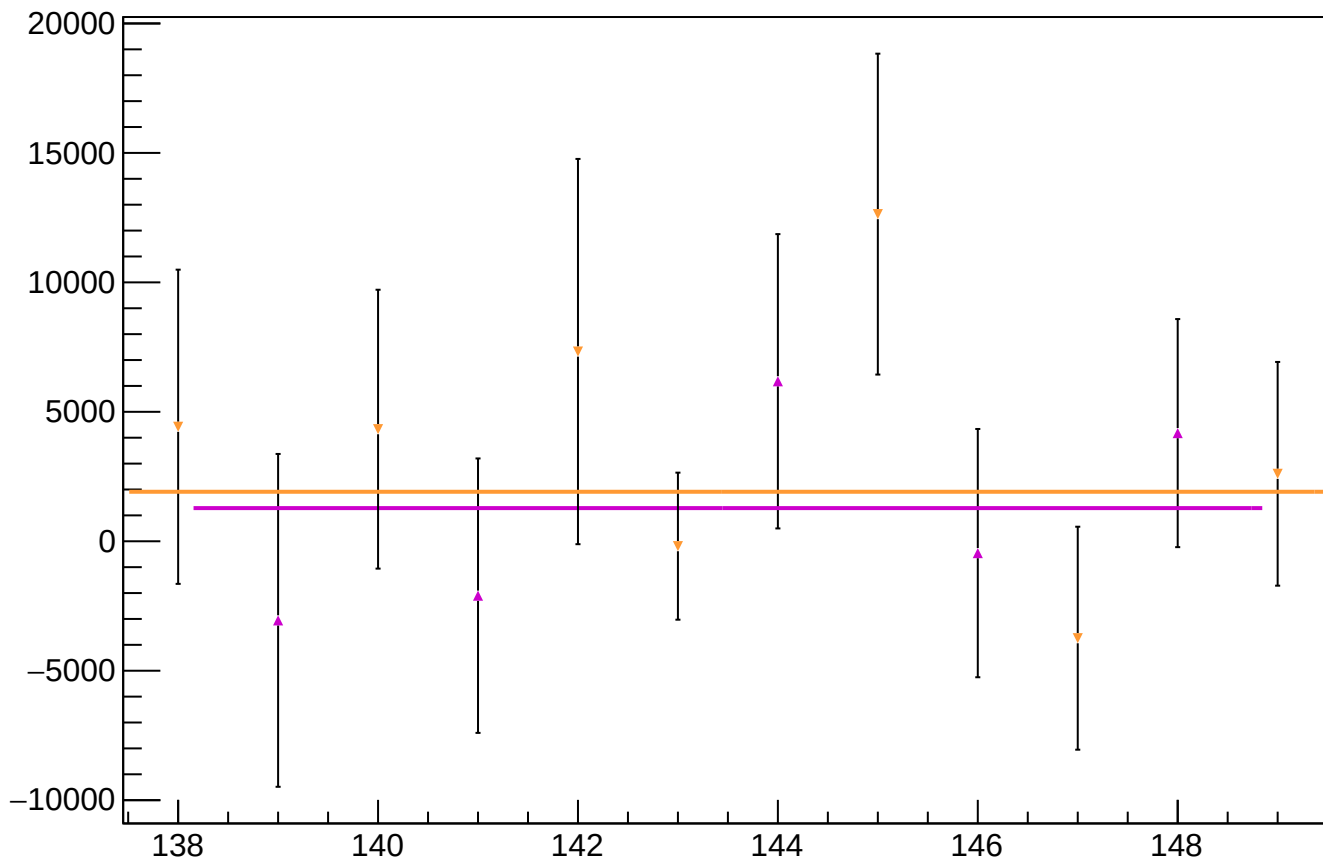
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1474.132+/-0.515 χ^2/NDF :5280.9/4

Out: 1535.944+/-0.492 χ^2/NDF :150285.1/6

All: 1506.447+/-0.356 χ^2/NDF : 163092.8/11

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: 1912.472+/-1721.971 χ^2/NDF :6.2/6

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

Left In: 1281.101+/-2319.968 χ^2/NDF :2.2/4

Left: 1688.196+/-1382.710 χ^2/NDF : 8.4/11

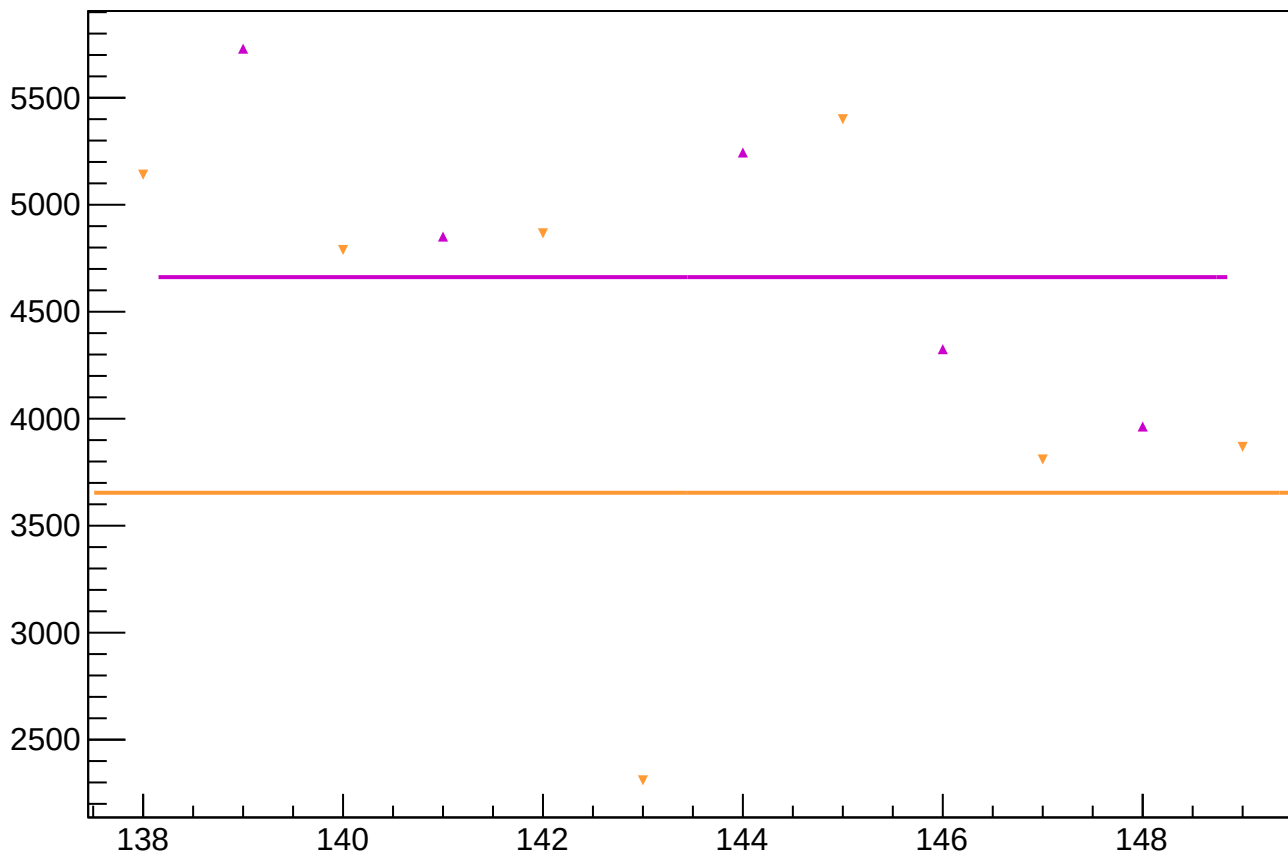
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1281.101+/-2319.968 χ^2/NDF :2.2/4

Out: 1912.472+/-1721.971 χ^2/NDF :6.2/6

All: 1688.196+/-1382.710 χ^2/NDF : 8.4/11

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: 3654.023+/-1.218 χ^2/NDF : 876311.4/6

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

Left In: 4661.750+/-1.640 χ^2/NDF : 138871.4/4

Left: 4011.989+/-0.978 χ^2/NDF : 1258494.5/11

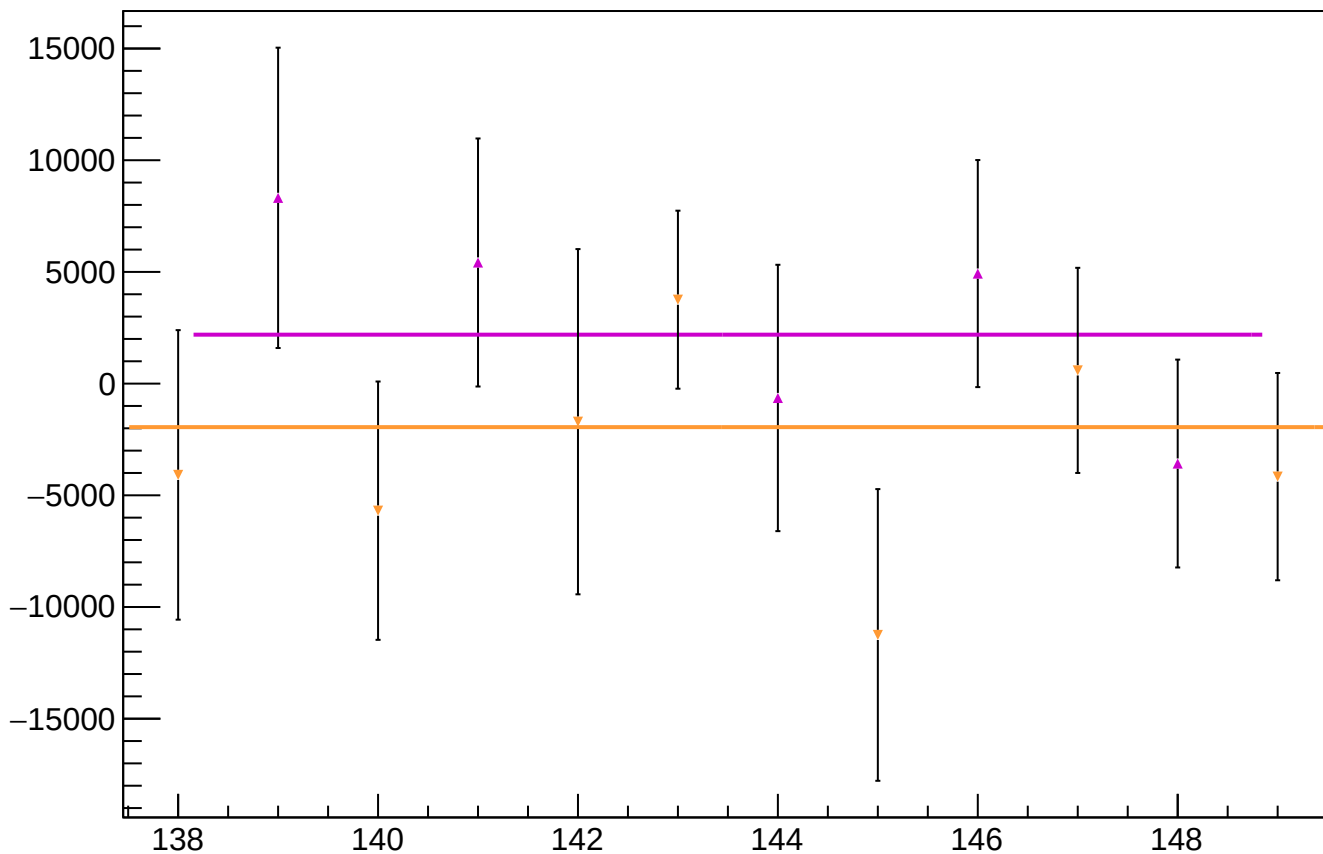
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4661.750+/-1.640 χ^2/NDF : 138871.4/4

Out: 3654.023+/-1.218 χ^2/NDF : 876311.4/6

All: 4011.989+/-0.978 χ^2/NDF : 1258494.5/11

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: -1948.189+/-1996.780 χ^2/NDF :5.1/6

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

Left In: 2190.908+/-2442.456 χ^2/NDF :3.2/4

Left: -290.038+/-1545.916 χ^2/NDF : 10.1/11

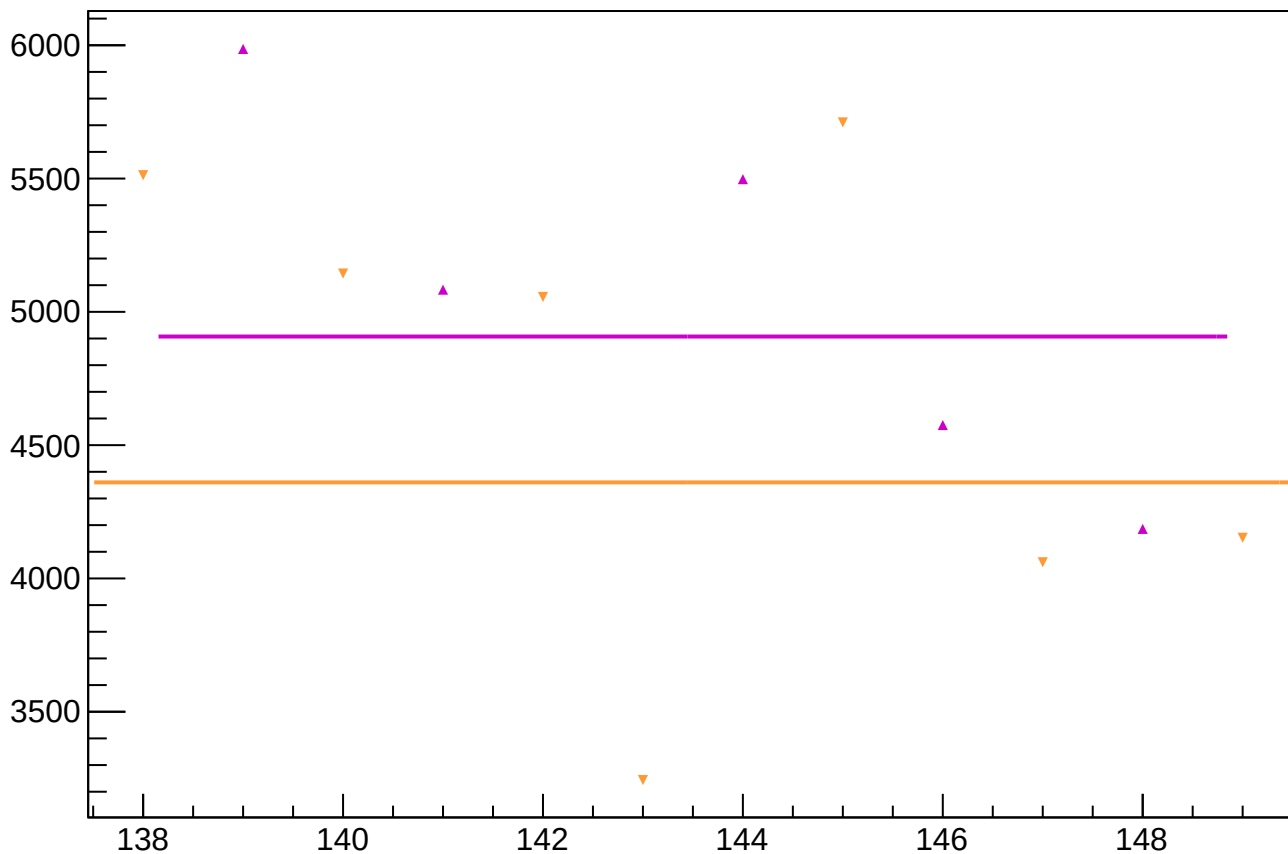
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2190.908+/-2442.456 χ^2/NDF :3.2/4

Out: -1948.189+/-1996.780 χ^2/NDF :5.1/6

All: -290.038+/-1545.916 χ^2/NDF : 10.1/11

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: 4360.320+/-1.412 χ^2/NDF : 371279.5/6

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

Left In: 4907.441+/-1.727 χ^2/NDF : 129756.3/4

Left: 4579.500+/-1.093 χ^2/NDF : 561188.3/11

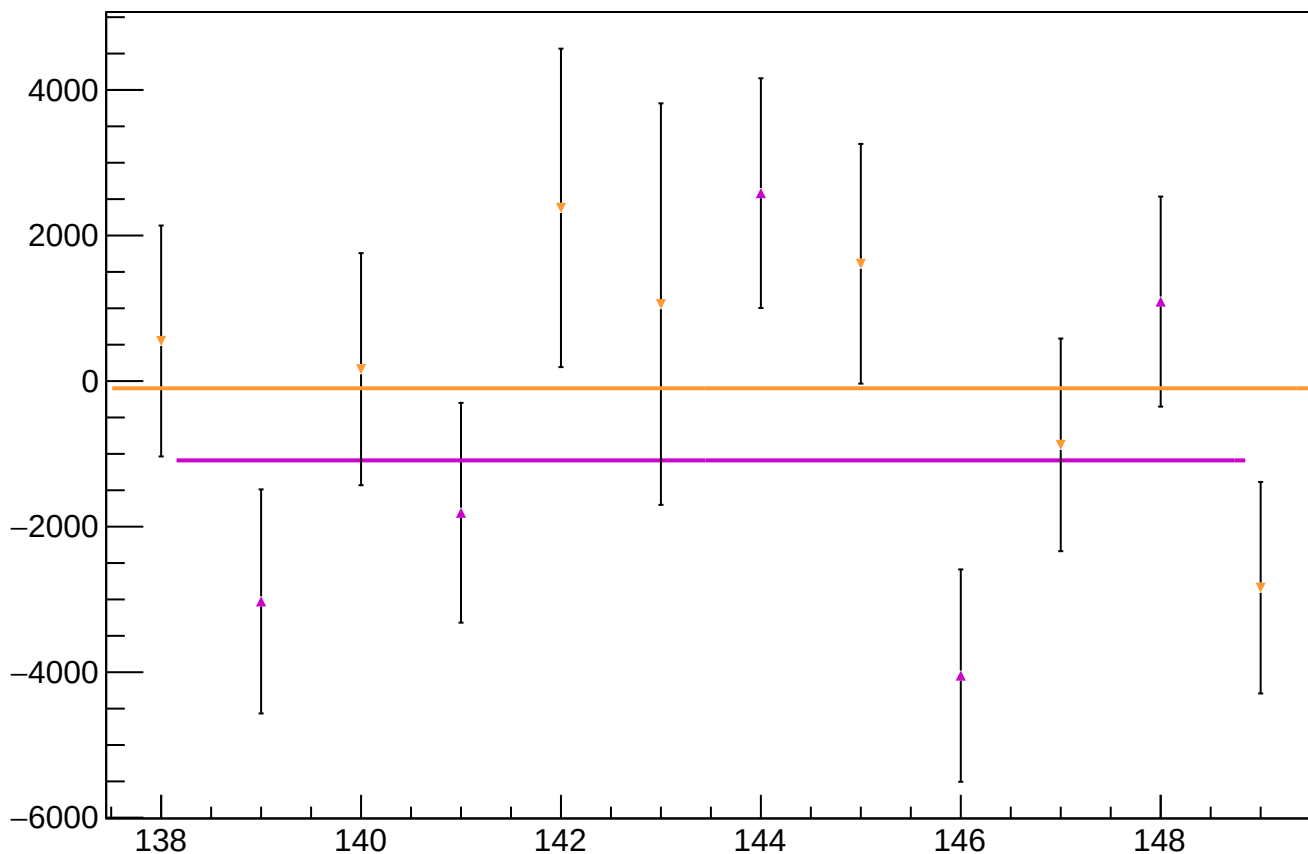
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4907.441+/-1.727 χ^2/NDF : 129756.3/4

Out: 4360.320+/-1.412 χ^2/NDF : 371279.5/6

All: 4579.500+/-1.093 χ^2/NDF : 561188.3/11

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: -98.771+/-639.873 χ^2/NDF : 6.6/6

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

Left In: -1089.591+/-672.338 χ^2/NDF : 13.6/4

Left: -569.682+/-463.511 χ^2/NDF : 21.3/11

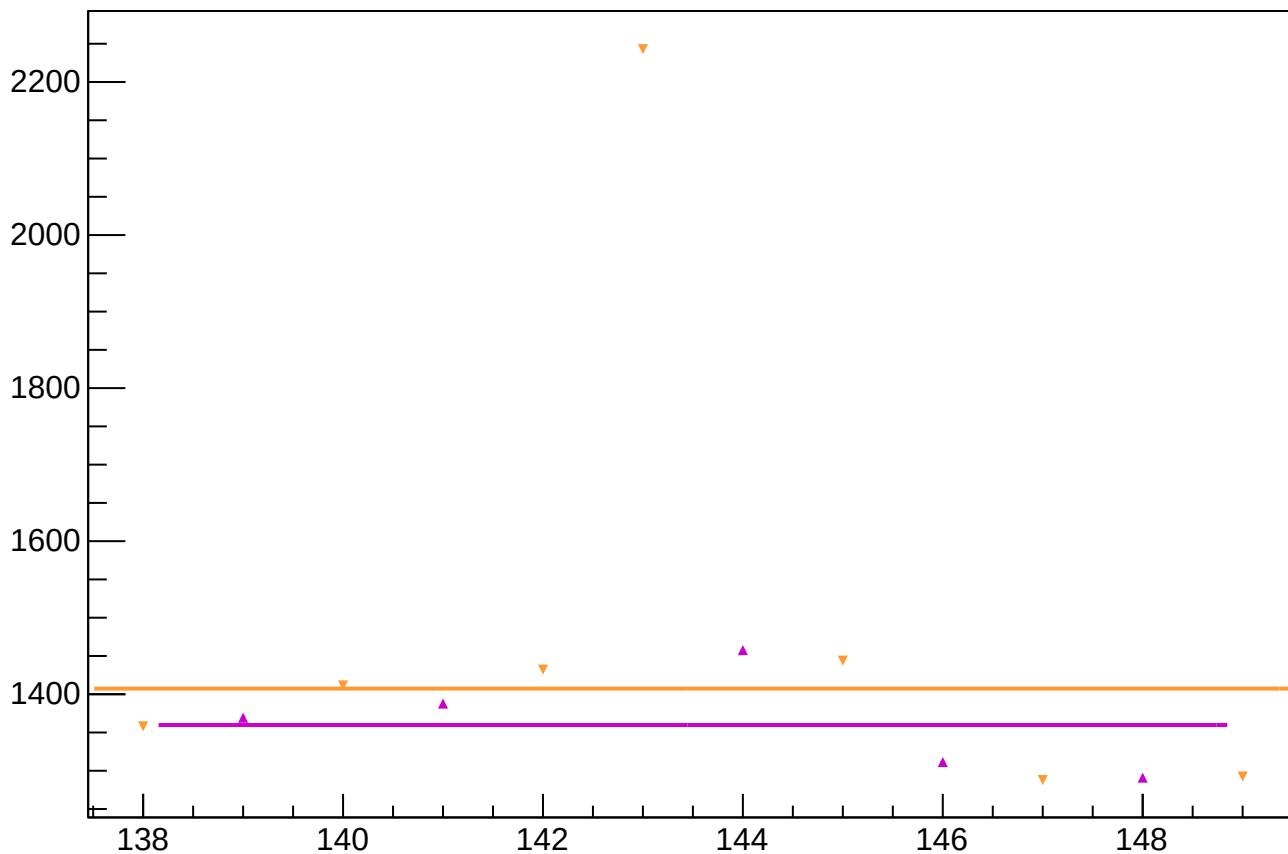
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1089.591+/-672.338 χ^2/NDF : 13.6/4

Out: -98.771+/-639.873 χ^2/NDF : 6.6/6

All: -569.682+/-463.511 χ^2/NDF : 21.3/11

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: 1407.372+/-0.452 χ^2/NDF :212599.5/6

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

Left In: 1359.774+/-0.475 χ^2/NDF :15204.7/4

Left: 1384.750+/-0.328 χ^2/NDF : 233064.1/11

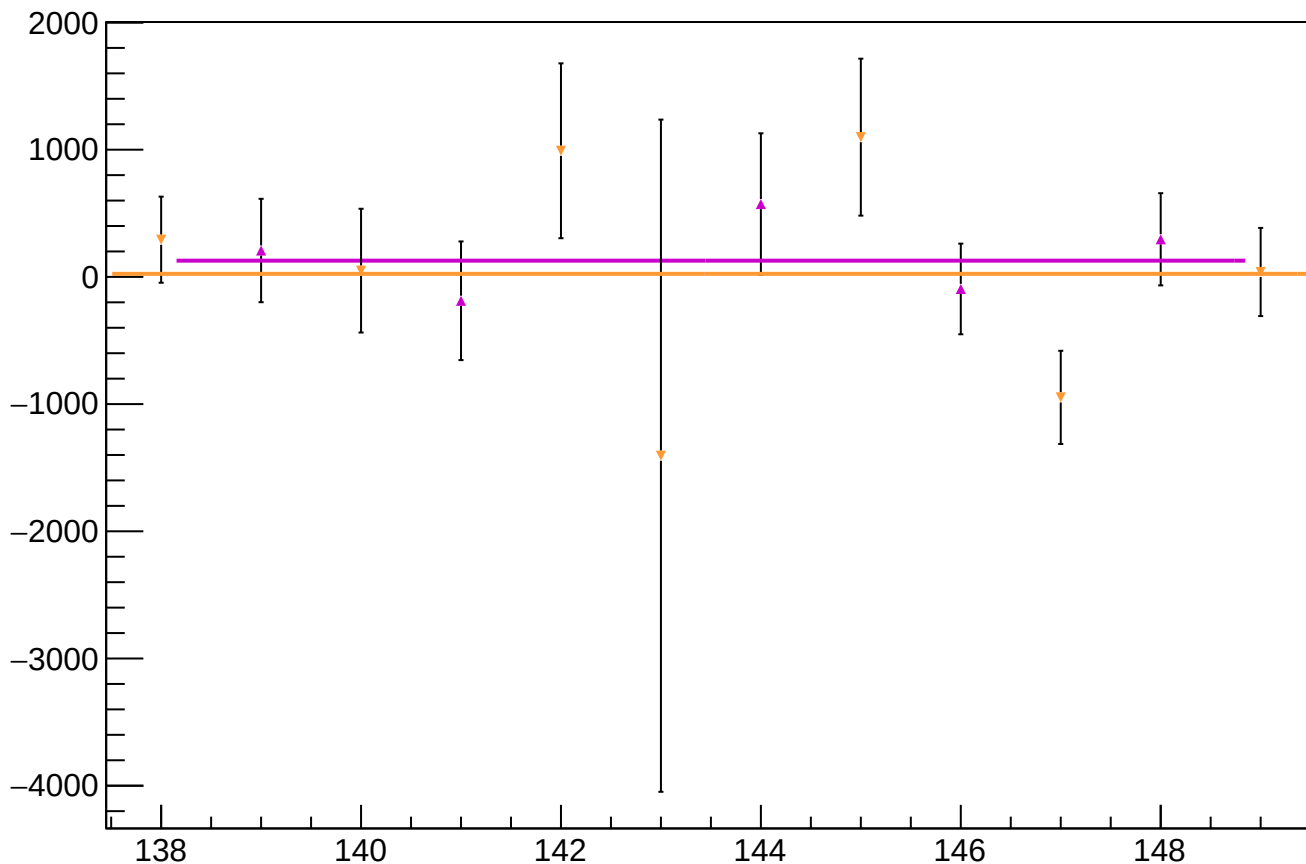
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1359.774+/-0.475 χ^2/NDF :15204.7/4

Out: 1407.372+/-0.452 χ^2/NDF :212599.5/6

All: 1384.750+/-0.328 χ^2/NDF : 233064.1/11

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: 23.935+/-172.441 χ^2/NDF :13.0/6

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

Left In: 127.616+/-184.492 χ^2/NDF :1.7/4

Left: 72.279+/-125.979 χ^2/NDF : 14.9/11

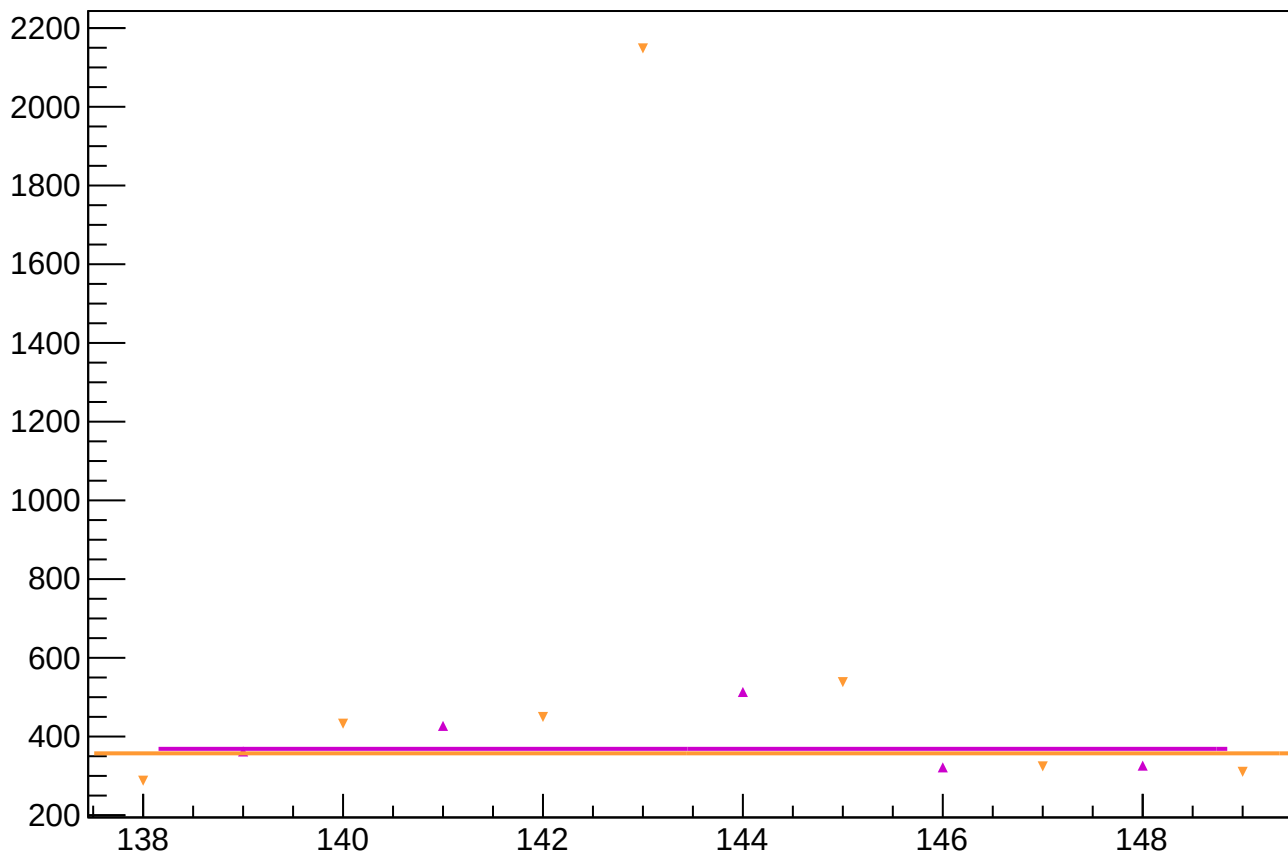
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.616+/-184.492 χ^2/NDF :1.7/4

Out: 23.935+/-172.441 χ^2/NDF :13.0/6

All: 72.279+/-125.979 χ^2/NDF : 14.9/11

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: 357.312+/-0.122 χ^2/NDF :1312491.0/6

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

Left In: 368.766+/-0.130 χ^2/NDF :229461.0/4

Left: 362.653+/-0.089 χ^2/NDF : 1546066.2/11

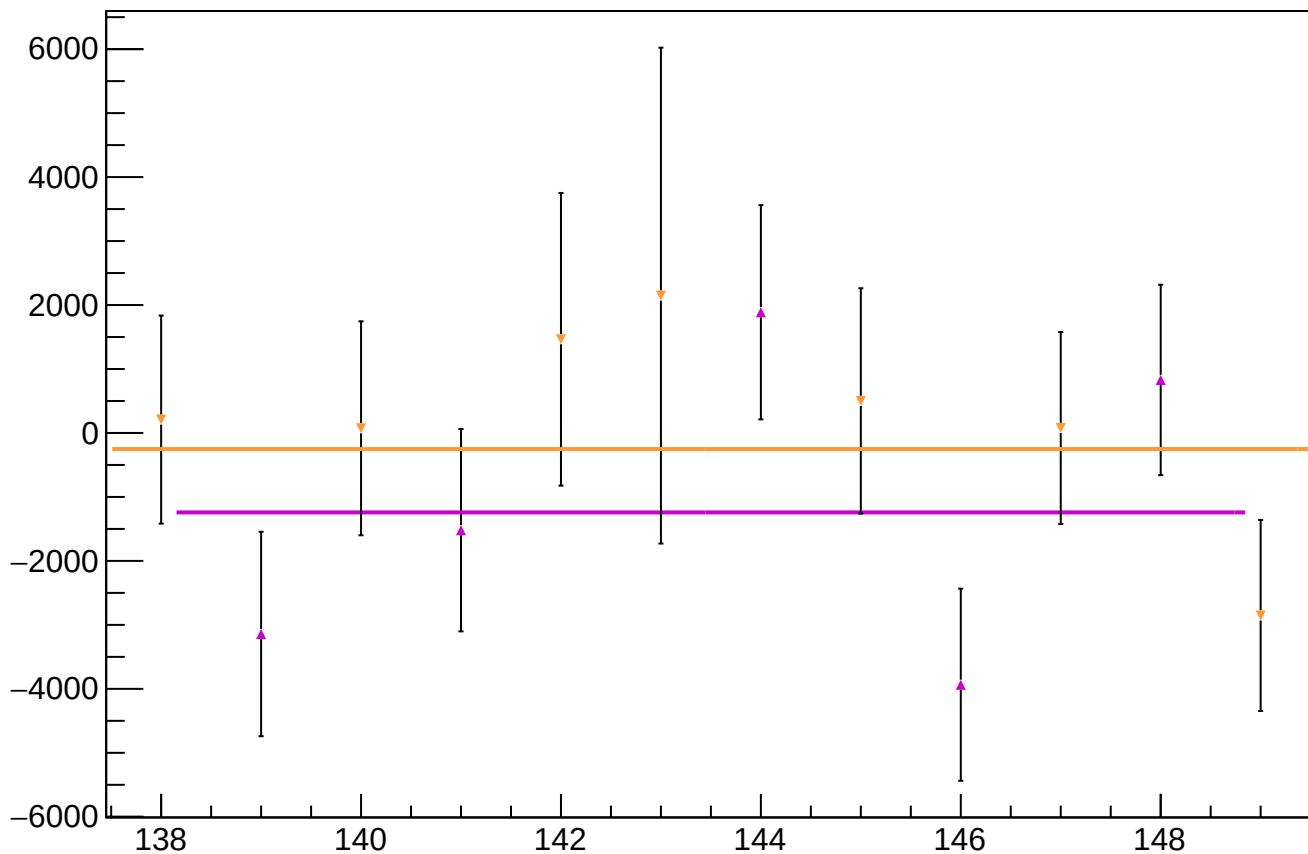
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.766+/-0.130 χ^2/NDF :229461.0/4

Out: 357.312+/-0.122 χ^2/NDF :1312491.0/6

All: 362.653+/-0.089 χ^2/NDF : 1546066.2/11

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: -251.213+/-672.837 χ^2/NDF : 4.3/6

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

Left In: -1241.567+/-699.582 χ^2/NDF : 10.1/4

Left: -727.098+/-484.947 χ^2/NDF : 15.5/11

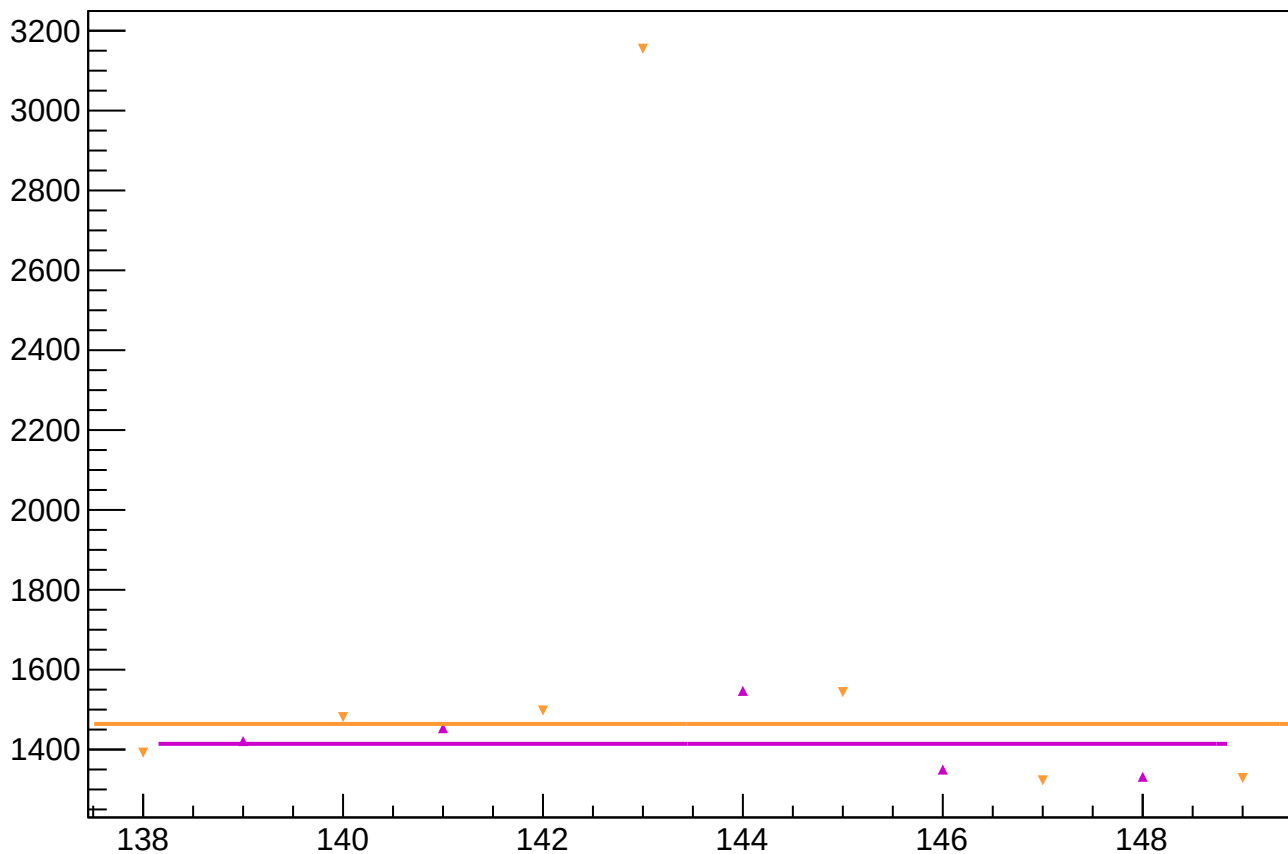
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1241.567+/-699.582 χ^2/NDF : 10.1/4

Out: -251.213+/-672.837 χ^2/NDF : 4.3/6

All: -727.098+/-484.947 χ^2/NDF : 15.5/11

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: 1464.114+/-0.476 χ^2/NDF : 423476.5/6

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

Left In: 1414.268+/-0.495 χ^2/NDF : 23649.1/4

Left: 1440.162+/-0.343 χ^2/NDF : 452400.2/11

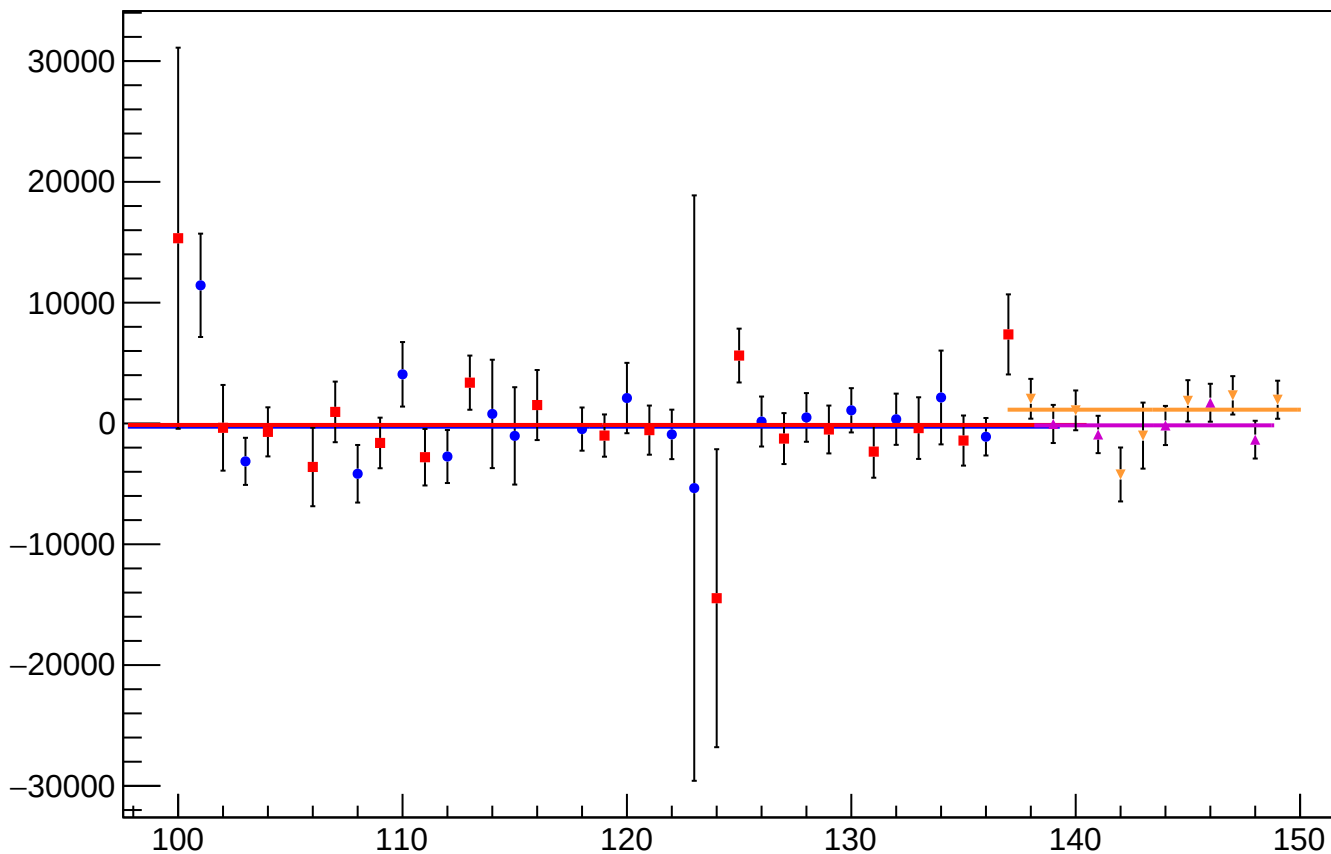
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1414.268+/-0.495 χ^2/NDF : 23649.1/4

Out: 1464.114+/-0.476 χ^2/NDF : 423476.5/6

All: 1440.162+/-0.343 χ^2/NDF : 452400.2/11

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -266.664+/-567.455 χ^2/NDF : 18.6/16

Left Out: 1141.387+/-672.321 χ^2/NDF : 7.7/6

Right Out: -122.072+/-554.216 χ^2/NDF : 22.1/18

Left In: -155.107+/-704.319 χ^2/NDF : 2.2/4

Left: 523.258+/-486.321 χ^2/NDF : 11.7/11

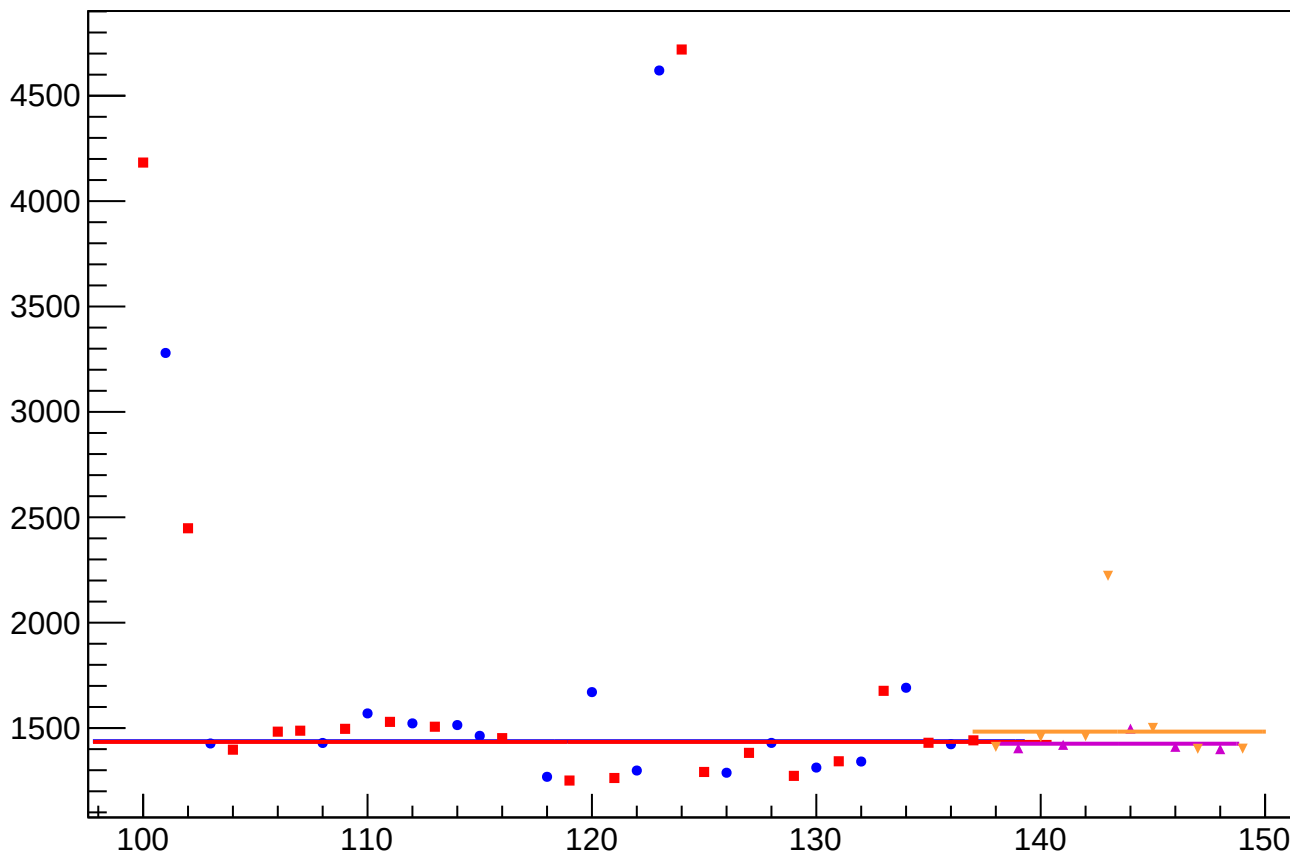
Right: -192.662+/-396.488 χ^2/NDF : 40.8/35

In: -222.754+/-441.881 χ^2/NDF : 20.9/21

Out: 389.115+/-427.648 χ^2/NDF : 31.9/25

All: 93.194+/-307.301 χ^2/NDF : 53.8/47

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1437.576+/-0.401 χ^2/NDF : 486465.9/16

Left Out: 1483.097+/-0.475 χ^2/NDF : 161556.4/6

Right Out: 1434.272+/-0.392 χ^2/NDF : 455611.8/18

Left In: 1425.709+/-0.498 χ^2/NDF : 5013.9/4

Left: 1455.736+/-0.344 χ^2/NDF : 173517.7/11

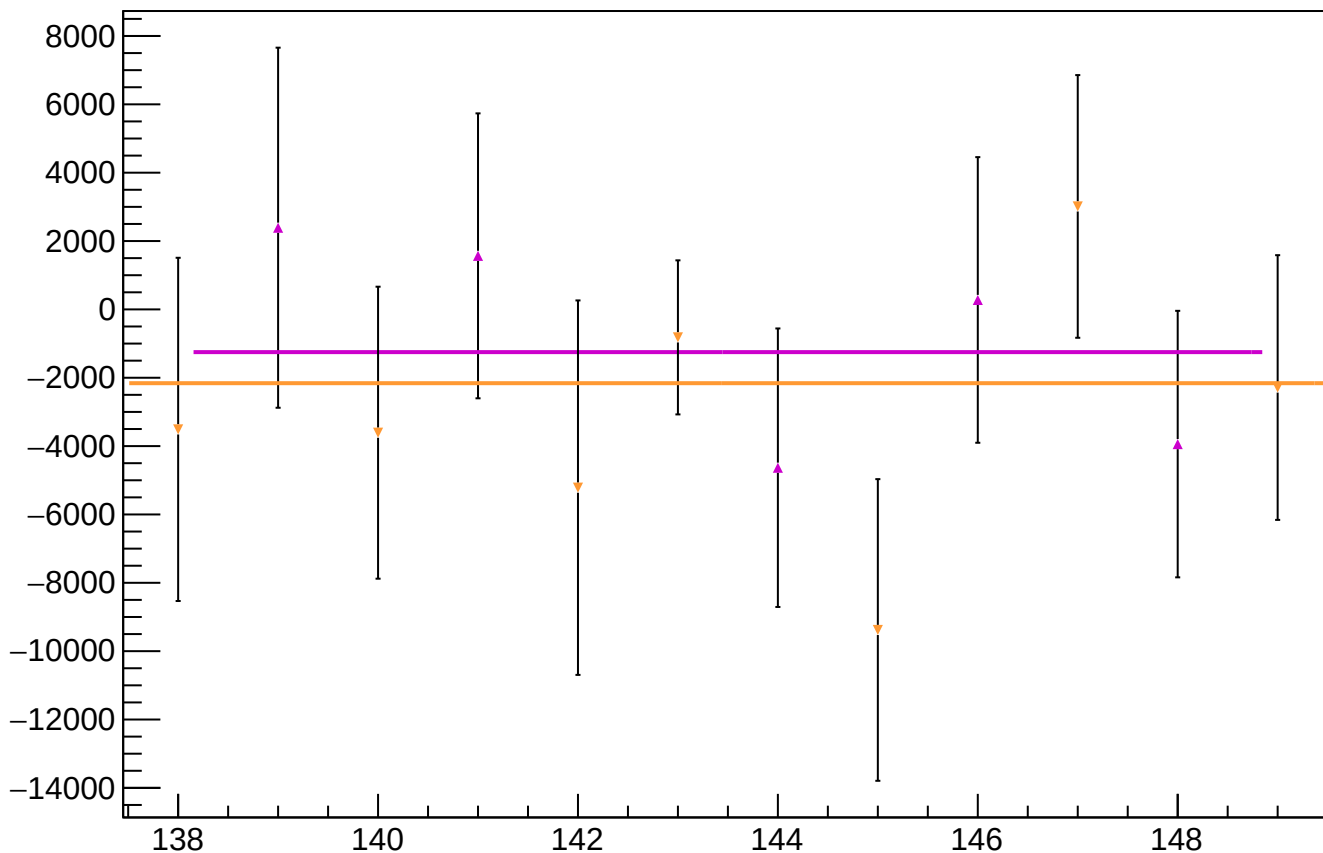
Right: 1435.884+/-0.280 χ^2/NDF : 942112.4/35

In: 1432.905+/-0.312 χ^2/NDF : 491824.1/21

Out: 1454.012+/-0.302 χ^2/NDF : 623451.4/25

All: 1443.808+/-0.217 χ^2/NDF : 1117632.6/47

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: -2159.151+/-1399.818 χ^2/NDF :5.3/6

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

Left In: -1250.143+/-1900.512 χ^2/NDF :2.2/4

Left: -1839.450+/-1127.090 χ^2/NDF : 7.7/11

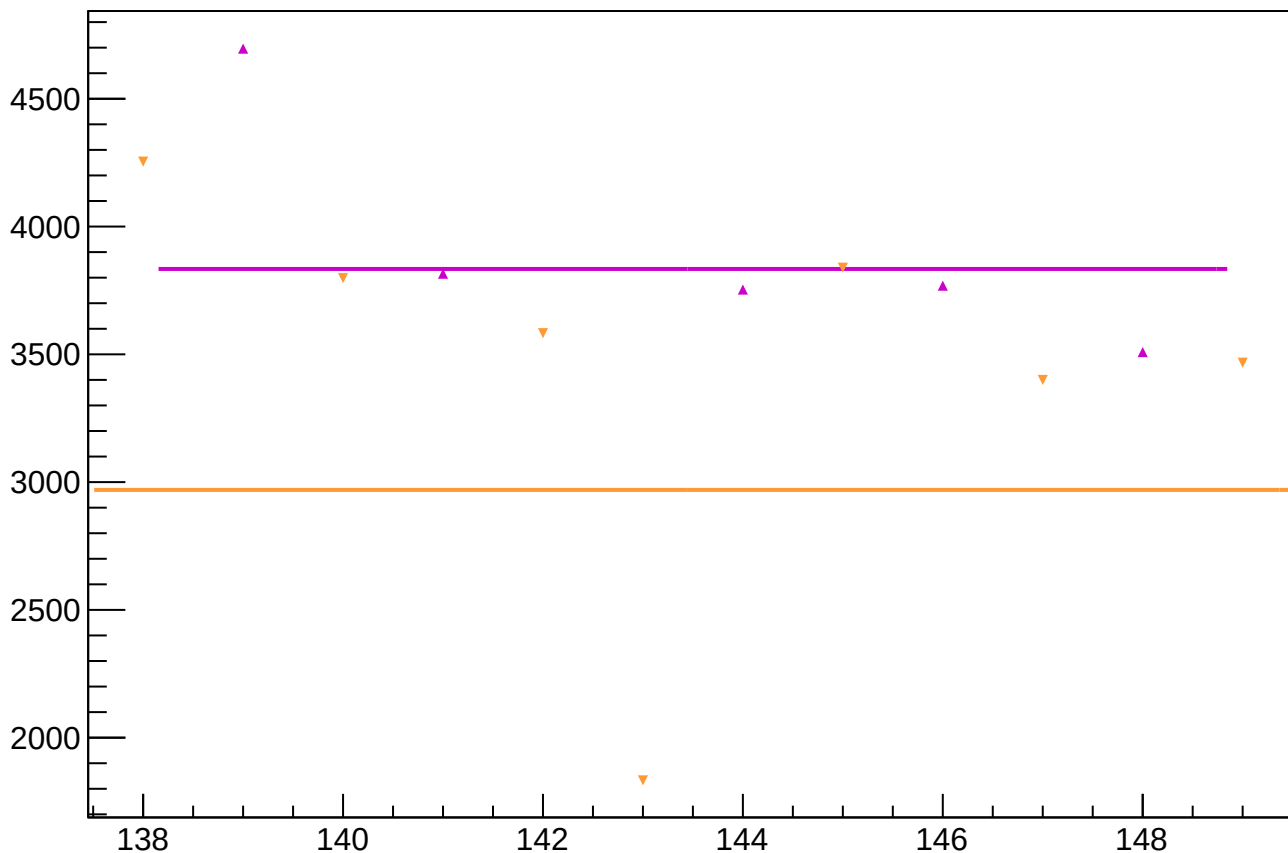
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1250.143+/-1900.512 χ^2/NDF :2.2/4

Out: -2159.151+/-1399.818 χ^2/NDF :5.3/6

All: -1839.450+/-1127.090 χ^2/NDF : 7.7/11

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: 2969.554+/-0.990 χ^2/NDF : 875548.8/6

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

Left In: 3834.109+/-1.344 χ^2/NDF : 68793.4/4

Left: 3273.621+/-0.797 χ^2/NDF : 1212659.2/11

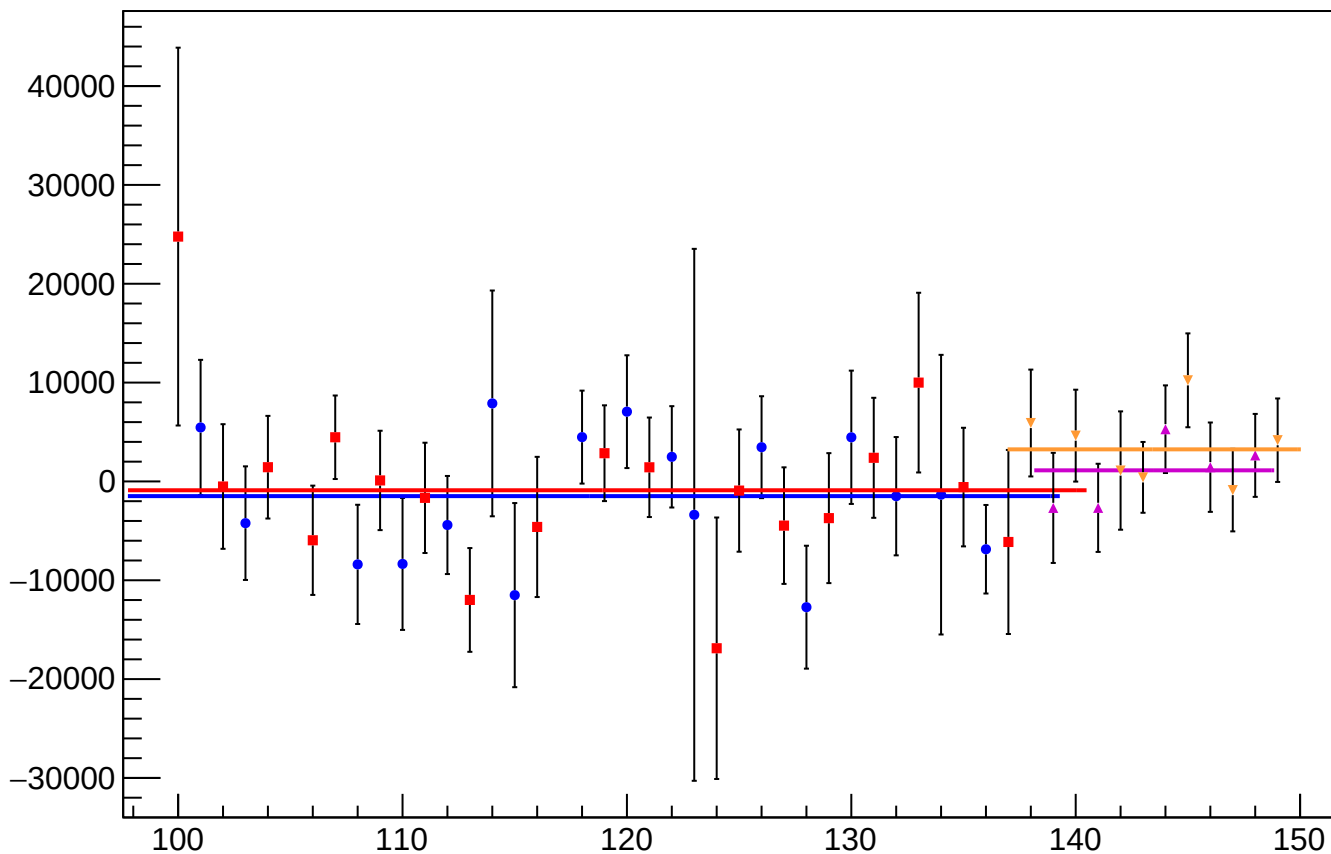
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3834.109+/-1.344 χ^2/NDF : 68793.4/4

Out: 2969.554+/-0.990 χ^2/NDF : 875548.8/6

All: 3273.621+/-0.797 χ^2/NDF : 1212659.2/11

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038 ± 1499.116 χ^2/NDF : 16.7/16

Left Out: 3244.712 ± 1704.851 χ^2/NDF : 4.3/6

Right Out: -894.160 ± 1378.910 χ^2/NDF : 14.1/18

Left In: 1122.099 ± 2045.147 χ^2/NDF : 2.2/4

Left: 2374.451 ± 1309.526 χ^2/NDF : 7.1/11

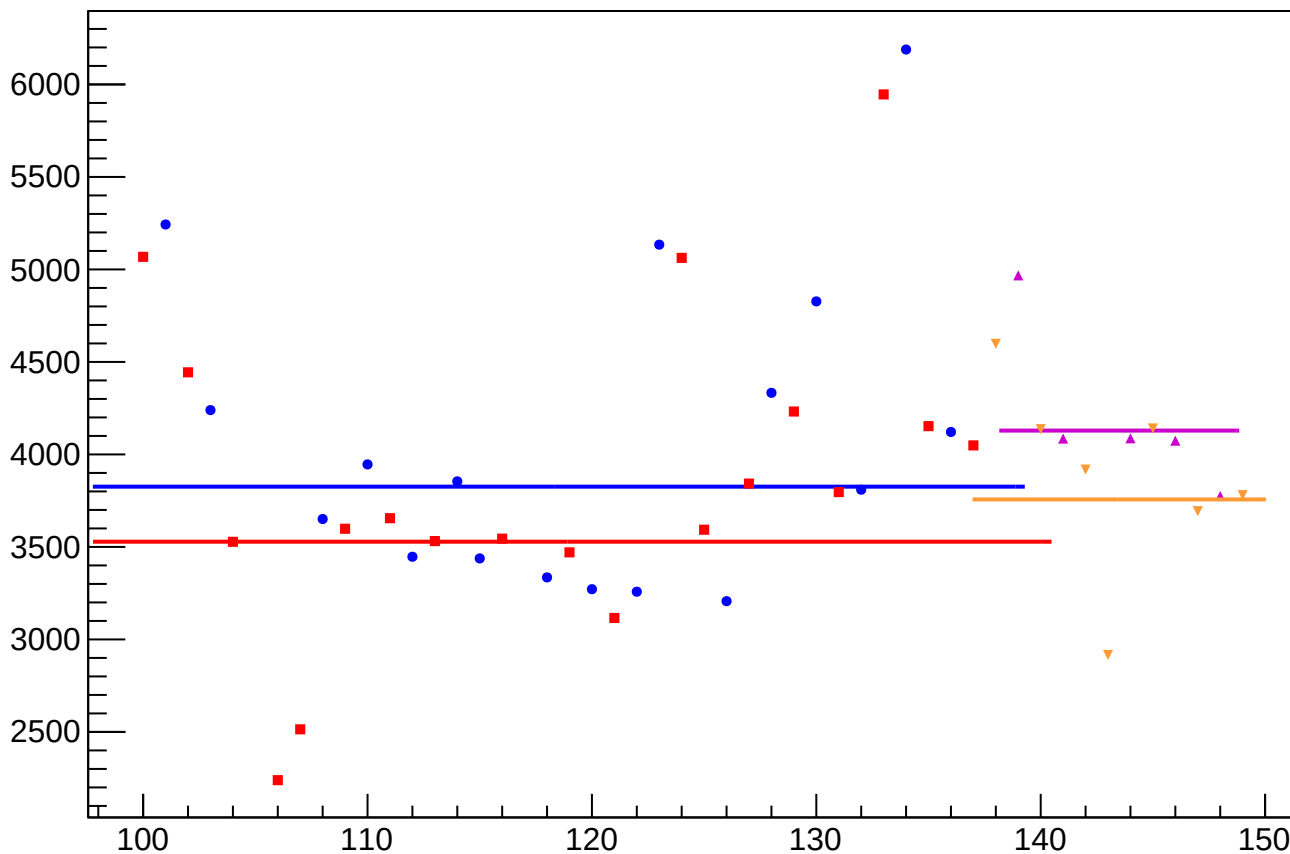
Right: -1165.879 ± 1014.876 χ^2/NDF : 30.9/35

In: -575.115 ± 1209.080 χ^2/NDF : 19.9/21

Out: 742.647 ± 1072.122 χ^2/NDF : 22.0/25

All: 162.598 ± 802.175 χ^2/NDF : 42.6/47

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844 $\pm$ 1.060 χ^2/NDF : 334404.3/16

Left Out: 3756.753 $\pm$ 1.206 χ^2/NDF : 186953.7/6

Right Out: 3528.289 $\pm$ 0.966 χ^2/NDF : 555414.1/18

Left In: 4128.872 $\pm$ 1.446 χ^2/NDF : 60215.2/4

Left: 3909.320 $\pm$ 0.926 χ^2/NDF : 286235.0/11

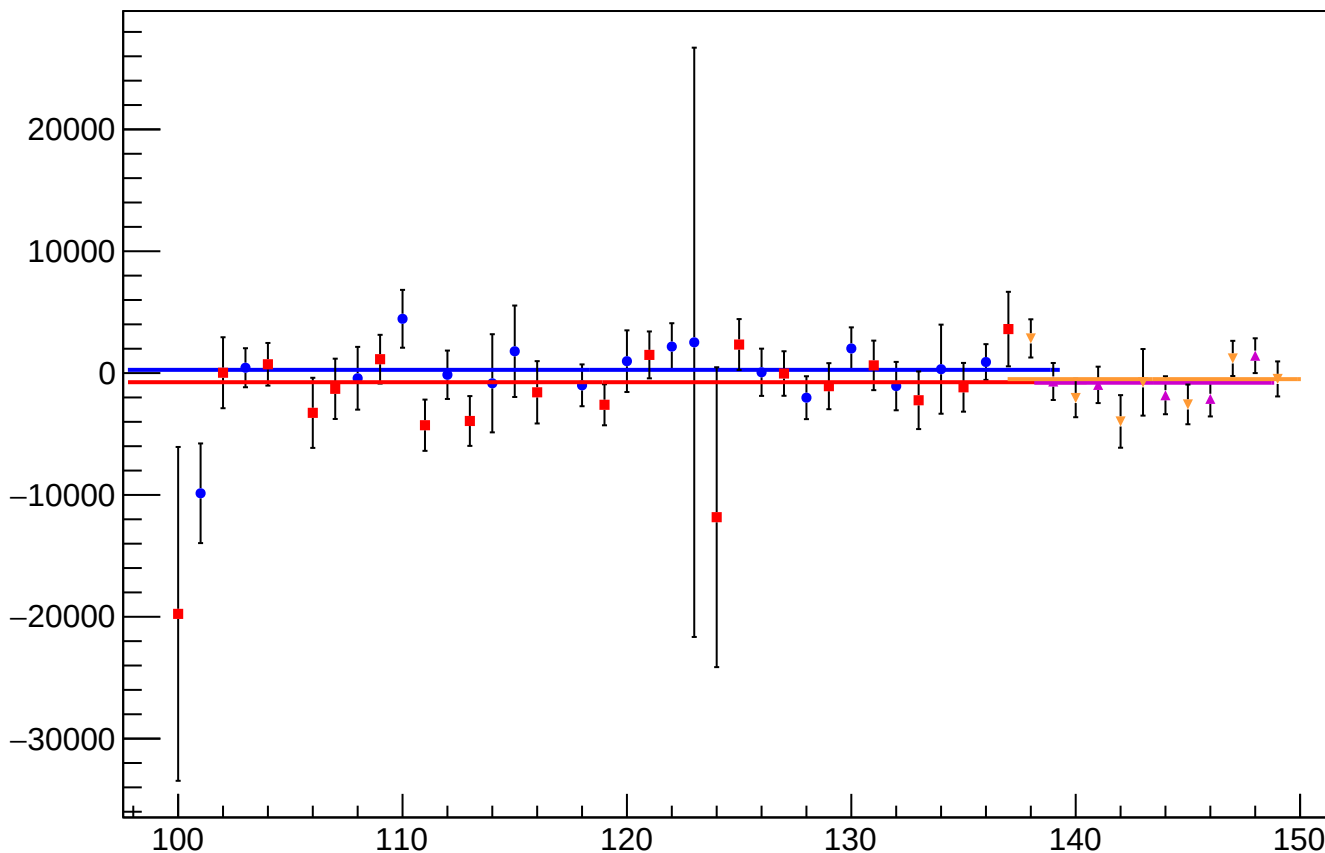
Right: 3663.316 $\pm$ 0.714 χ^2/NDF : 932858.8/35

In: 3931.752 $\pm$ 0.855 χ^2/NDF : 423182.0/21

Out: 3617.645 $\pm$ 0.754 χ^2/NDF : 764236.8/25

All: 3755.053 $\pm$ 0.565 χ^2/NDF : 1263354.5/47

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 265.987 $\pm$ 523.529 χ^2 /NDF: 14.6/16

Left Out: -496.067 $\pm$ 632.809 χ^2 /NDF:11.1/6

Right Out: -747.421 $\pm$ 511.778 χ^2 /NDF: 18.4/18

Left In: -791.951 $\pm$ 664.673 χ^2 /NDF:3.7/4

Left: -636.747 $\pm$ 458.315 χ^2 /NDF: 14.9/11

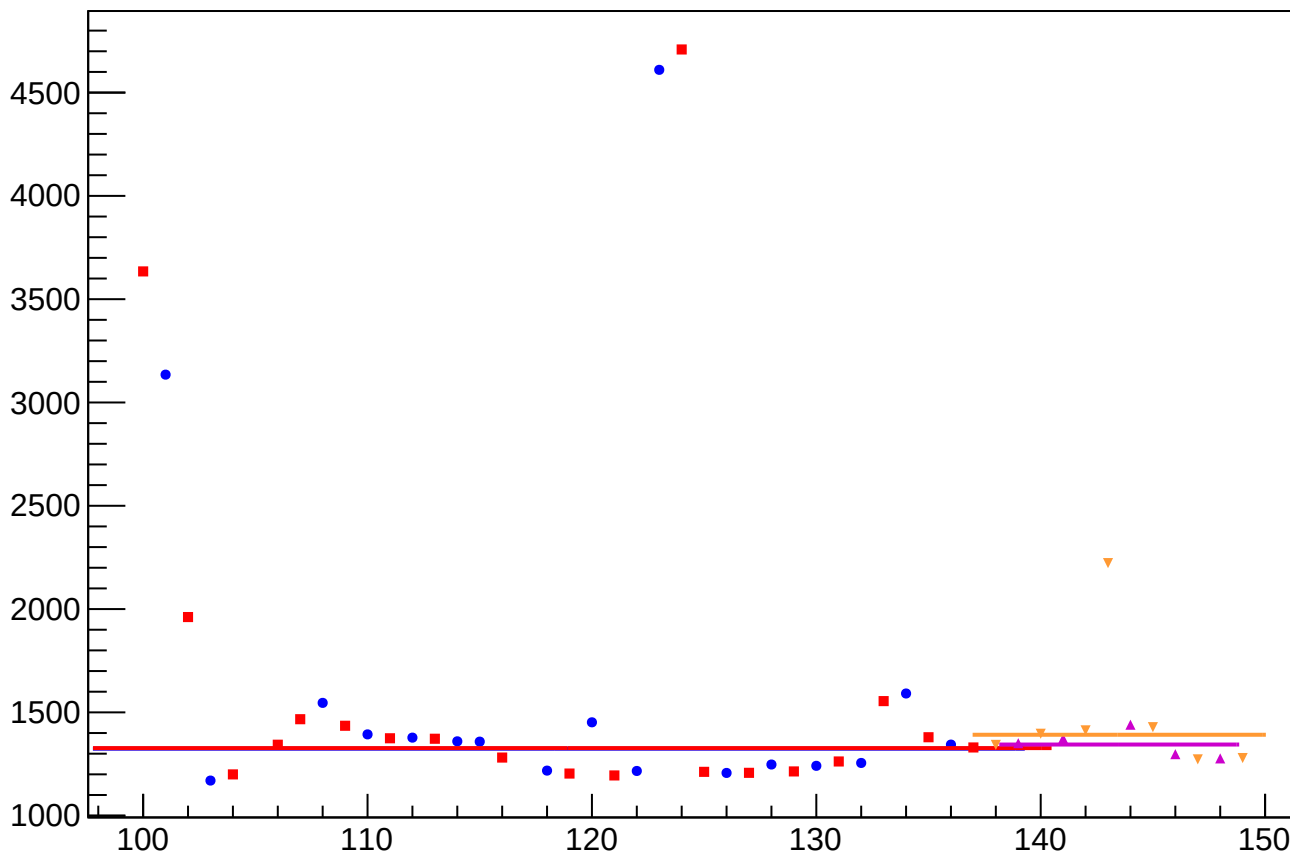
Right: -252.218 $\pm$ 365.966 χ^2 /NDF: 35.0/35

In: -139.060 $\pm$ 411.274 χ^2 /NDF:19.9/21

Out: -648.029 $\pm$ 397.929 χ^2 /NDF:29.6/25

All: -401.935 $\pm$ 285.980 χ^2 /NDF: 50.3/47

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1324.281+/-0.370 χ^2/NDF : 514089.5/16

Left Out: 1391.621+/-0.447 χ^2/NDF : 213872.8/6

Right Out: 1326.975+/-0.362 χ^2/NDF : 392077.2/18

Left In: 1344.300+/-0.470 χ^2/NDF : 14863.0/4

Left: 1369.122+/-0.324 χ^2/NDF : 234053.3/11

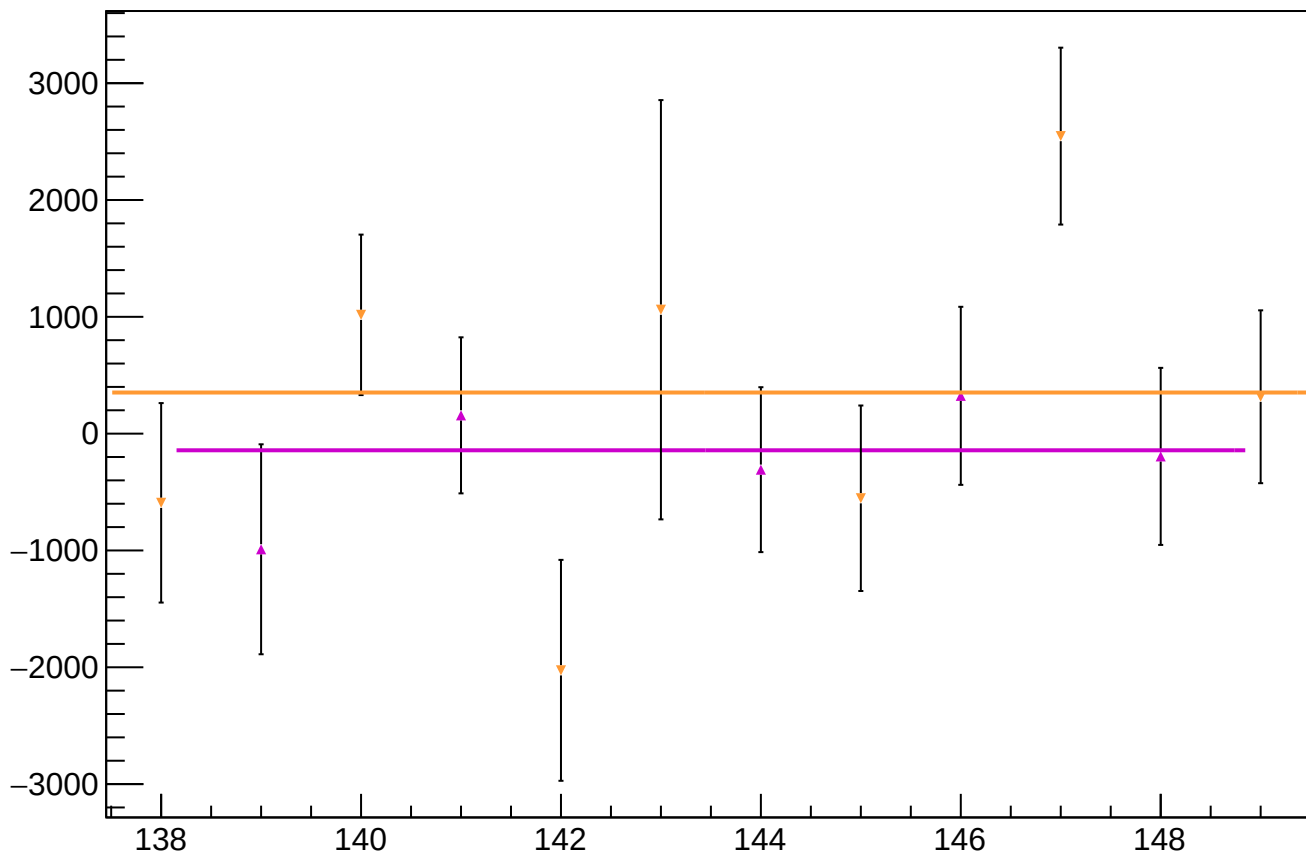
Right: 1325.659+/-0.259 χ^2/NDF : 906193.7/35

In: 1331.946+/-0.291 χ^2/NDF : 530072.1/21

Out: 1352.537+/-0.281 χ^2/NDF : 618568.7/25

All: 1342.581+/-0.202 χ^2/NDF : 1151230.3/47

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: 352.015+/-315.004 χ^2/NDF :18.3/6

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

Left In: -142.489+/-334.260 χ^2/NDF :1.5/4

Left: 119.417+/-229.247 χ^2/NDF : 21.0/11

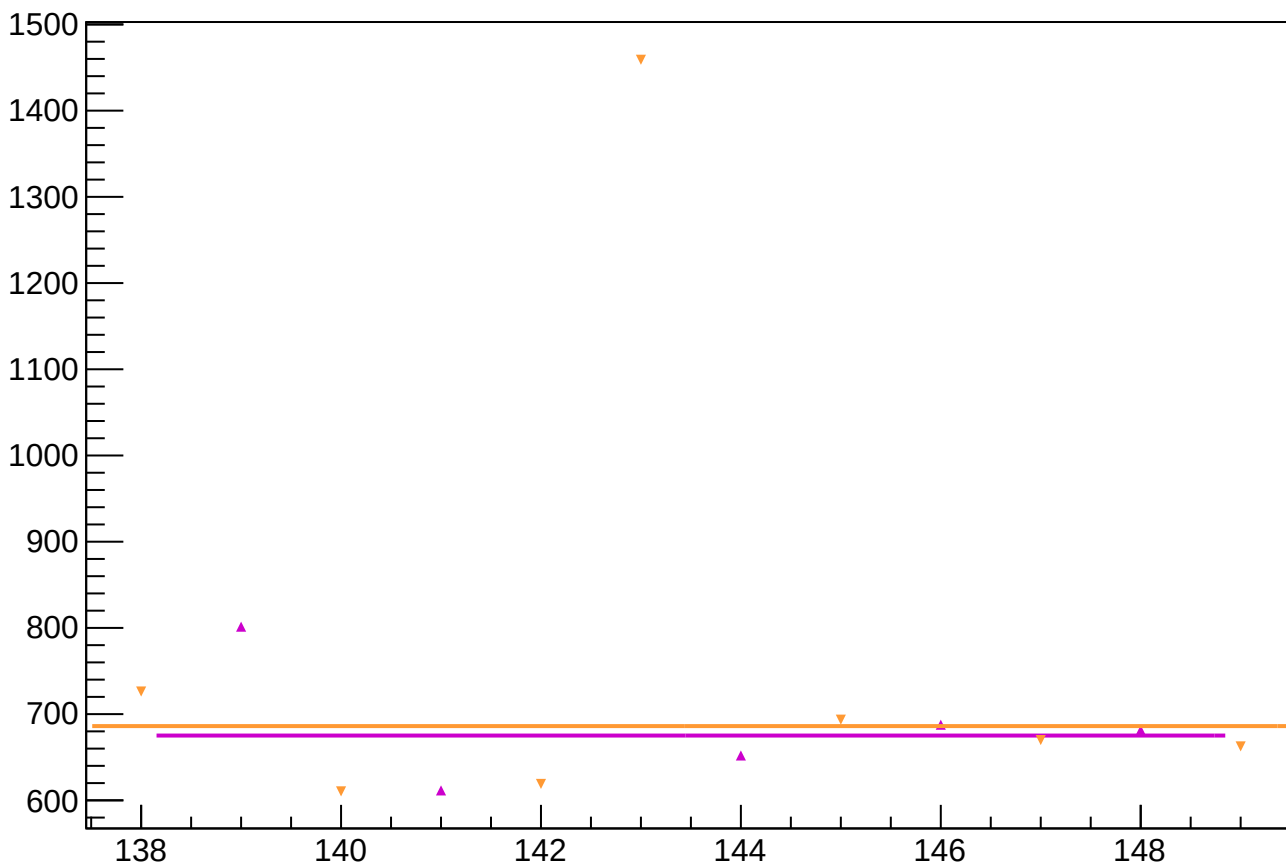
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.489+/-334.260 χ^2/NDF :1.5/4

Out: 352.015+/-315.004 χ^2/NDF :18.3/6

All: 119.417+/-229.247 χ^2/NDF : 21.0/11

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: 686.109+/-0.223 χ^2/NDF :412882.5/6

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

Left In: 675.146+/-0.236 χ^2/NDF :60482.4/4

Left: 680.952+/-0.162 χ^2/NDF : 474504.4/11

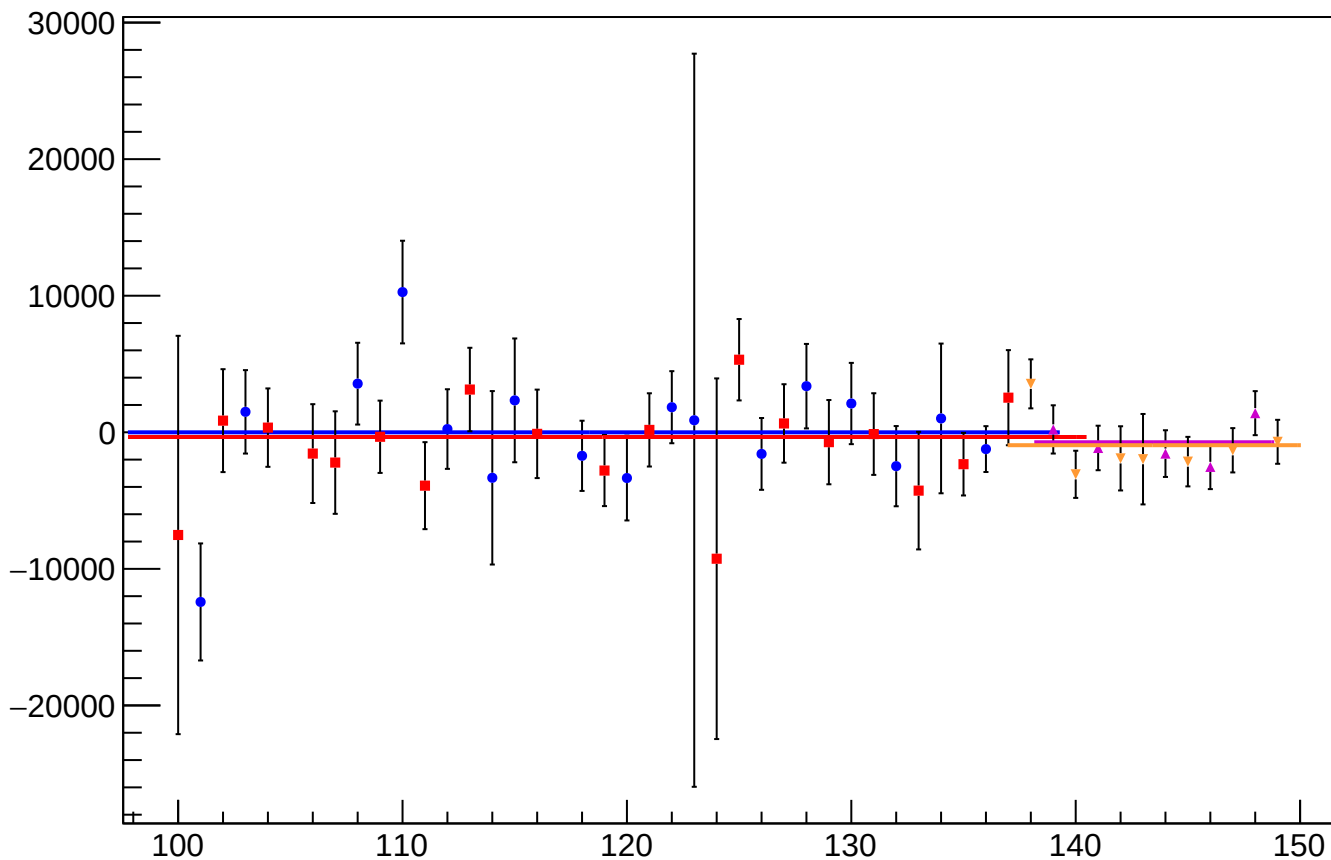
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 675.146+/-0.236 χ^2/NDF :60482.4/4

Out: 686.109+/-0.223 χ^2/NDF :412882.5/6

All: 680.952+/-0.162 χ^2/NDF : 474504.4/11

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204 ± 745.061 $\chi^2/\text{NDF}: 23.5/16$

Left Out: -945.251 ± 709.130 $\chi^2/\text{NDF}: 8.6/6$

Right Out: -345.148 ± 733.723 $\chi^2/\text{NDF}: 10.7/18$

Left In: -730.018 ± 745.129 $\chi^2/\text{NDF}: 3.6/4$

Left: -842.959 ± 513.686 $\chi^2/\text{NDF}: 12.2/11$

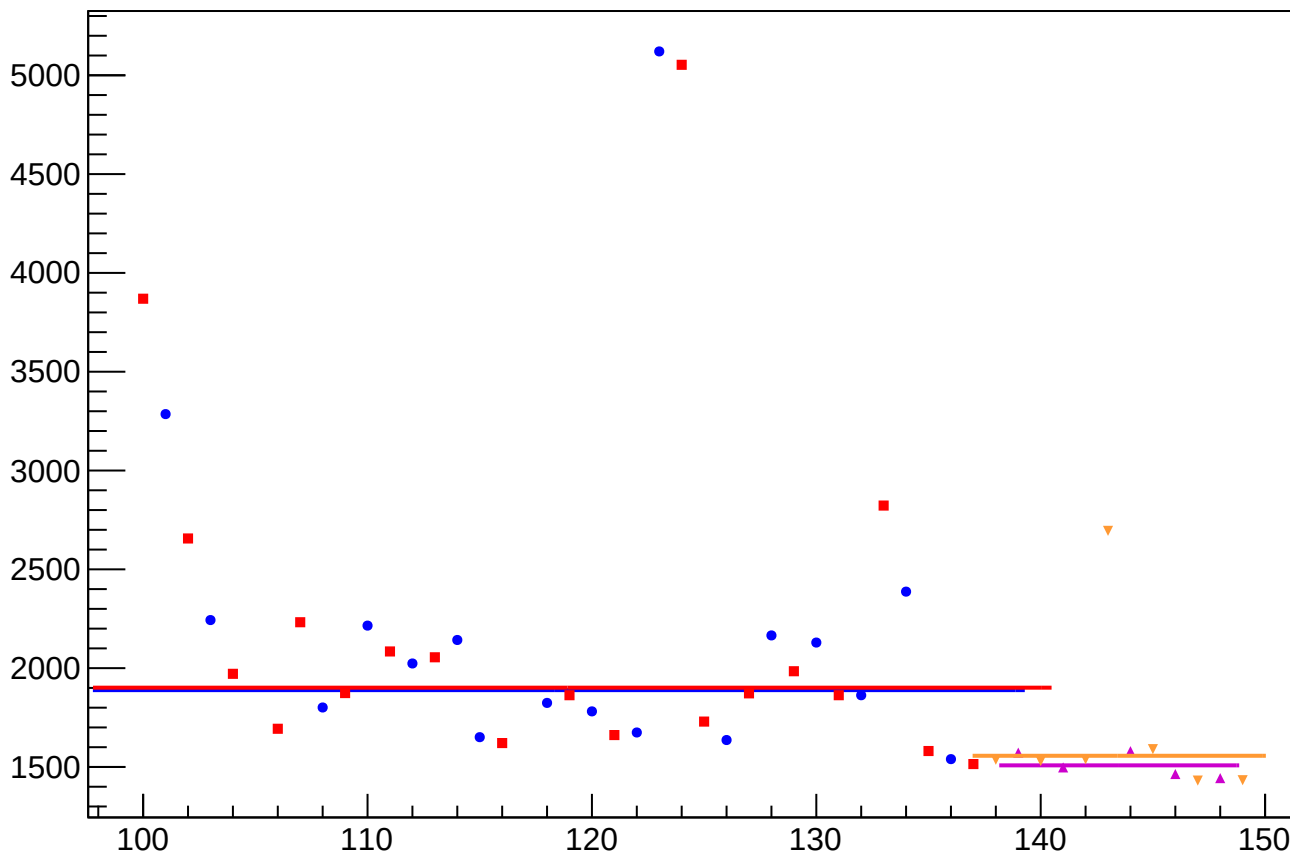
Right: -176.305 ± 522.783 $\chi^2/\text{NDF}: 34.3/35$

In: -366.078 ± 526.862 $\chi^2/\text{NDF}: 27.5/21$

Out: -655.425 ± 509.903 $\chi^2/\text{NDF}: 19.6/25$

All: -515.483 ± 366.405 $\chi^2/\text{NDF}: 47.3/47$

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: 1556.639+/-0.501 χ^2/NDF : 261603.7/6

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

Left In: 1508.124+/-0.527 χ^2/NDF : 10941.2/4

Left: 1533.582+/-0.363 χ^2/NDF : 276993.8/11

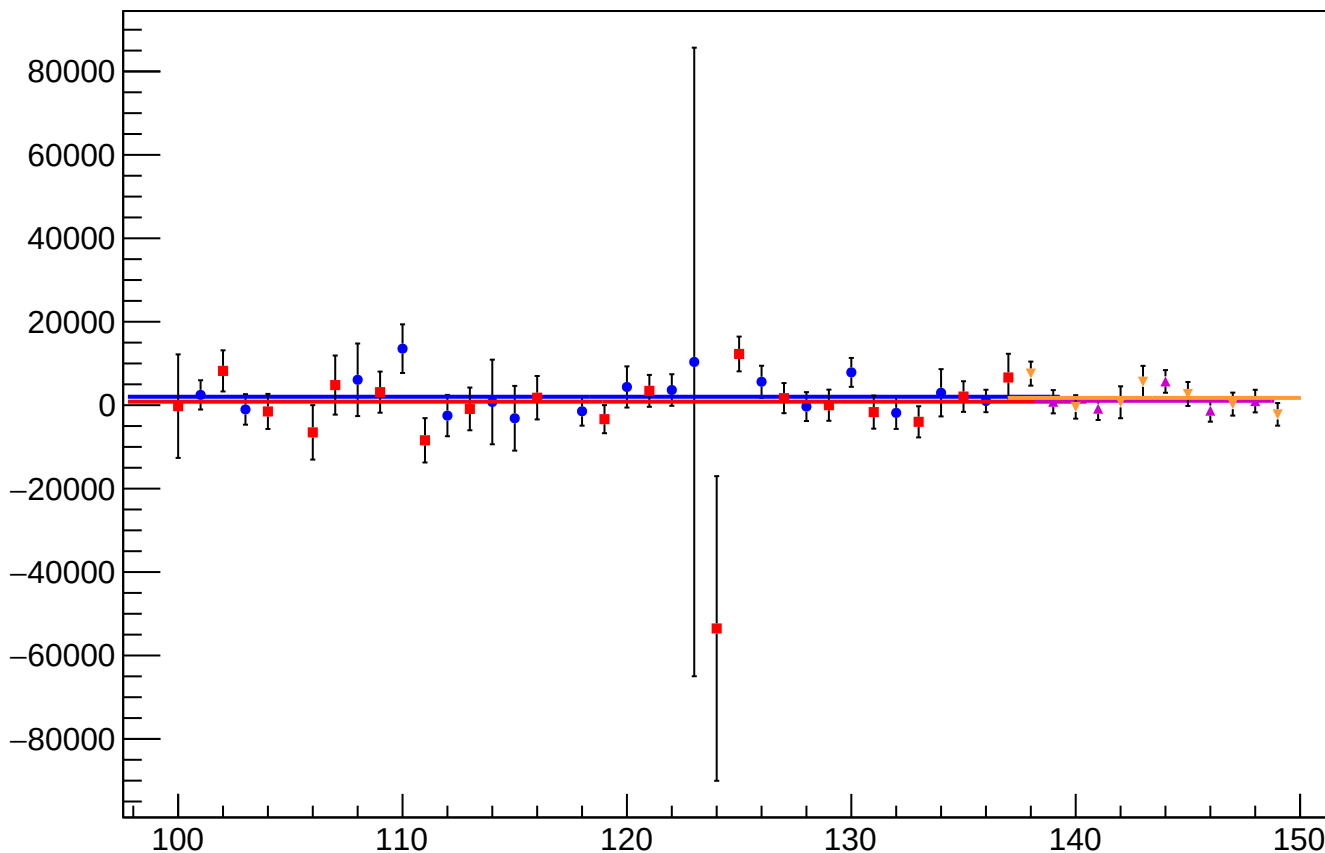
Right: 1895.125+/-0.370 χ^2/NDF : 927550.0/35

In: 1698.486+/-0.373 χ^2/NDF : 737827.4/21

Out: 1723.074+/-0.361 χ^2/NDF : 951140.6/25

All: 1711.182+/-0.259 χ^2/NDF : 1691217.2/47

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2021.418 $\pm$ 1035.639 χ^2/NDF : 12.9/16

Left Out: 1747.892 $\pm$ 1137.194 χ^2/NDF : 8.3/6

Right Out: 842.423 $\pm$ 1051.980 χ^2/NDF : 22.7/18

Left In: 1052.314 $\pm$ 1213.874 χ^2/NDF : 4.2/4

Left: 1422.765 $\pm$ 829.903 χ^2/NDF : 12.7/11

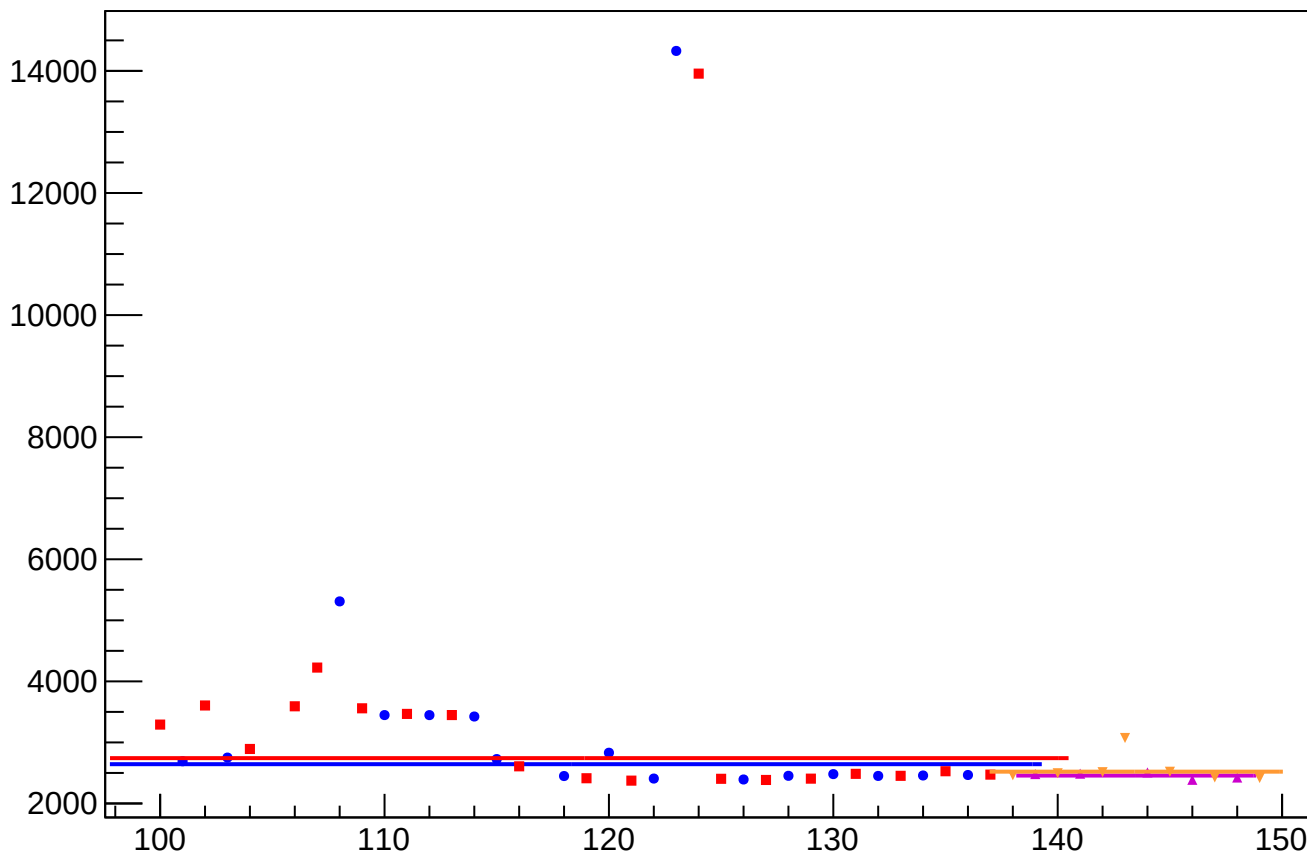
Right: 1441.149 $\pm$ 738.017 χ^2/NDF : 36.2/35

In: 1613.172 $\pm$ 787.861 χ^2/NDF : 17.5/21

Out: 1259.966 $\pm$ 772.232 χ^2/NDF : 31.3/25

All: 1433.031 $\pm$ 551.493 χ^2/NDF : 48.9/47

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2643.525+/-0.732 χ^2/NDF : 392705.3/16

Left Out: 2521.160+/-0.804 χ^2/NDF : 48239.4/6

Right Out: 2742.543+/-0.744 χ^2/NDF : 628009.1/18

Left In: 2457.320+/-0.858 χ^2/NDF : 2778.6/4

Left: 2491.320+/-0.587 χ^2/NDF : 53964.1/11

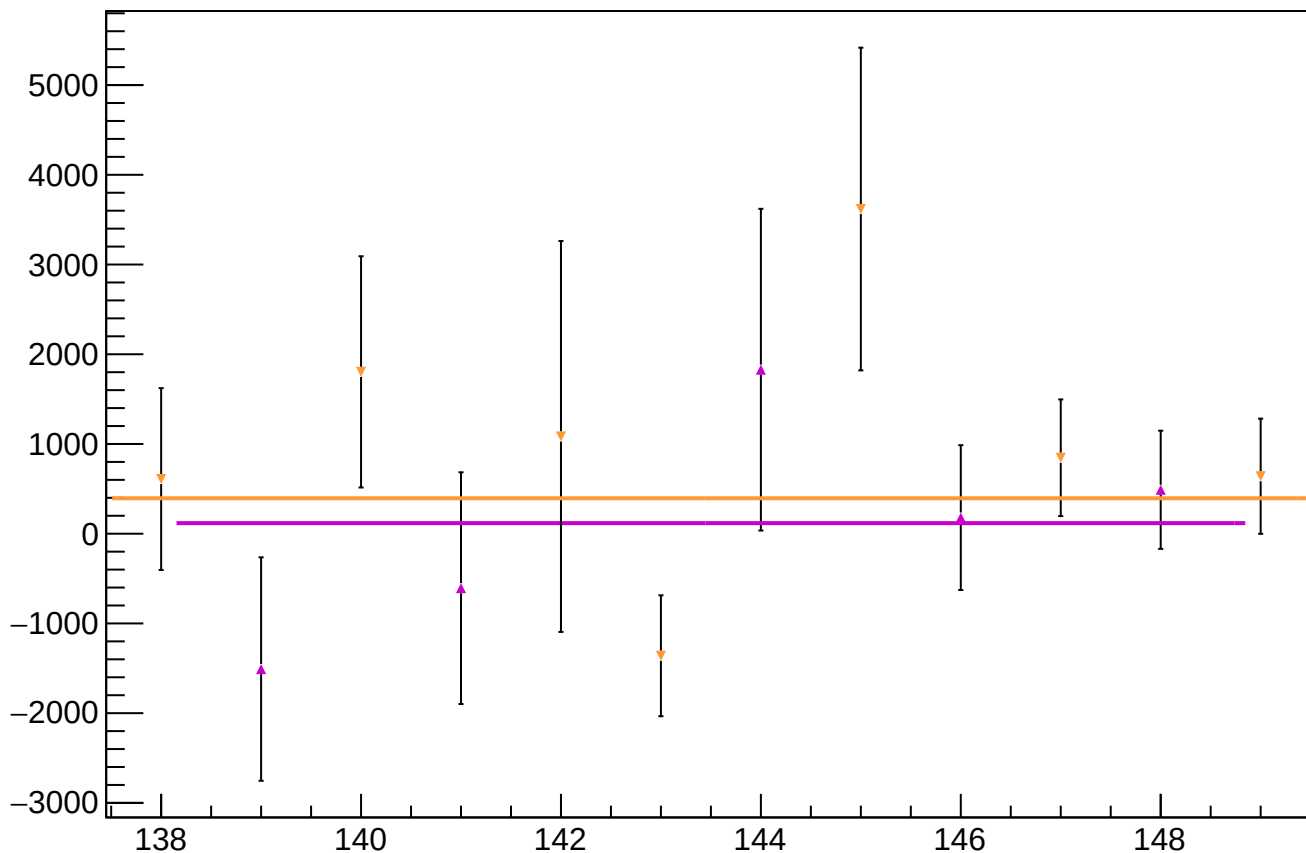
Right: 2692.259+/-0.522 χ^2/NDF : 1029712.7/35

In: 2565.084+/-0.557 χ^2/NDF : 422720.4/21

Out: 2640.456+/-0.546 χ^2/NDF : 717092.9/25

All: 2603.525+/-0.390 χ^2/NDF : 1149148.6/47

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 394.716+/-331.647 χ^2/NDF :12.0/6

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

Left In: 117.955+/-430.491 χ^2/NDF :3.3/4

Left: 291.635+/-262.724 χ^2/NDF : 15.5/11

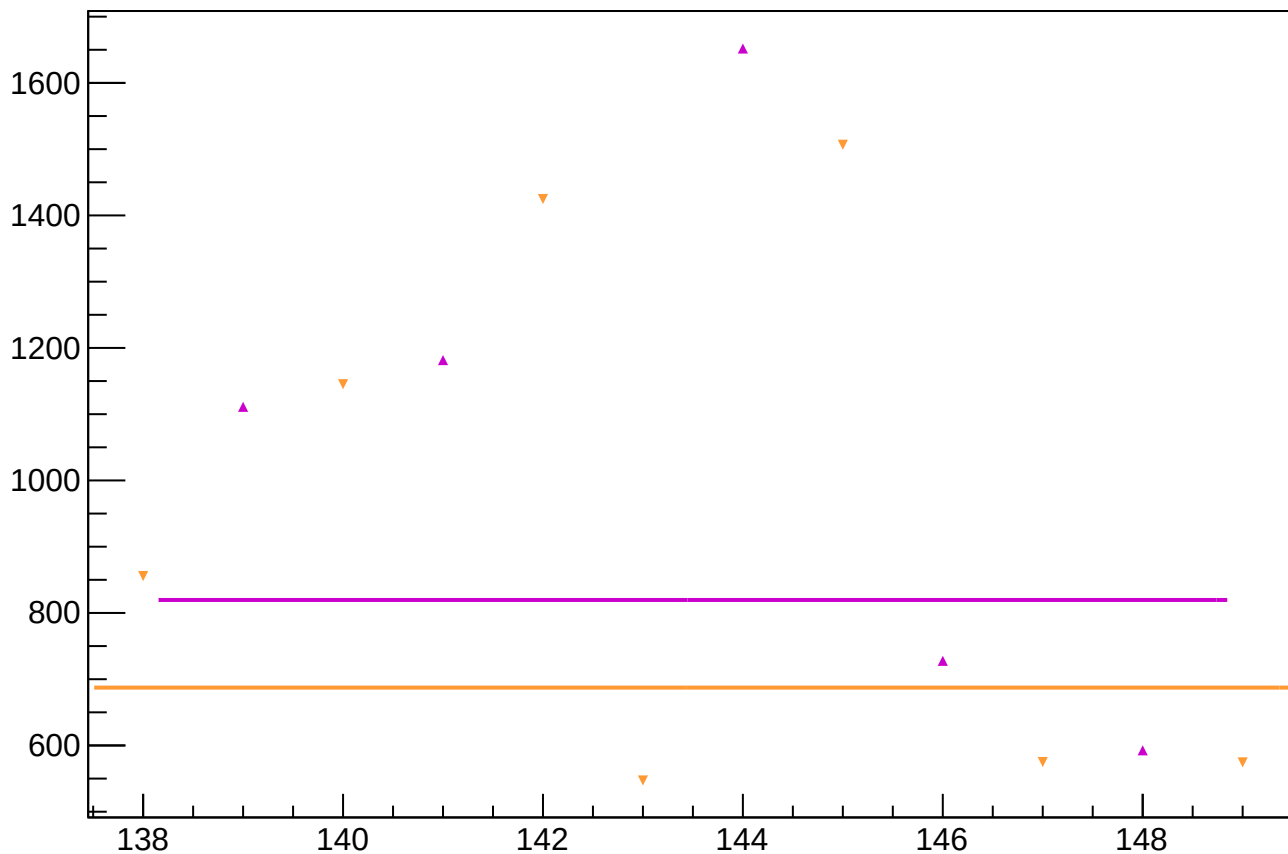
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.955+/-430.491 χ^2/NDF :3.3/4

Out: 394.716+/-331.647 χ^2/NDF :12.0/6

All: 291.635+/-262.724 χ^2/NDF : 15.5/11

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 687.331+/-0.235 χ^2/NDF :1160365.3/6

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

Left In: 819.598+/-0.304 χ^2/NDF :961221.2/4

Left: 736.594+/-0.186 χ^2/NDF : 2240068.9/11

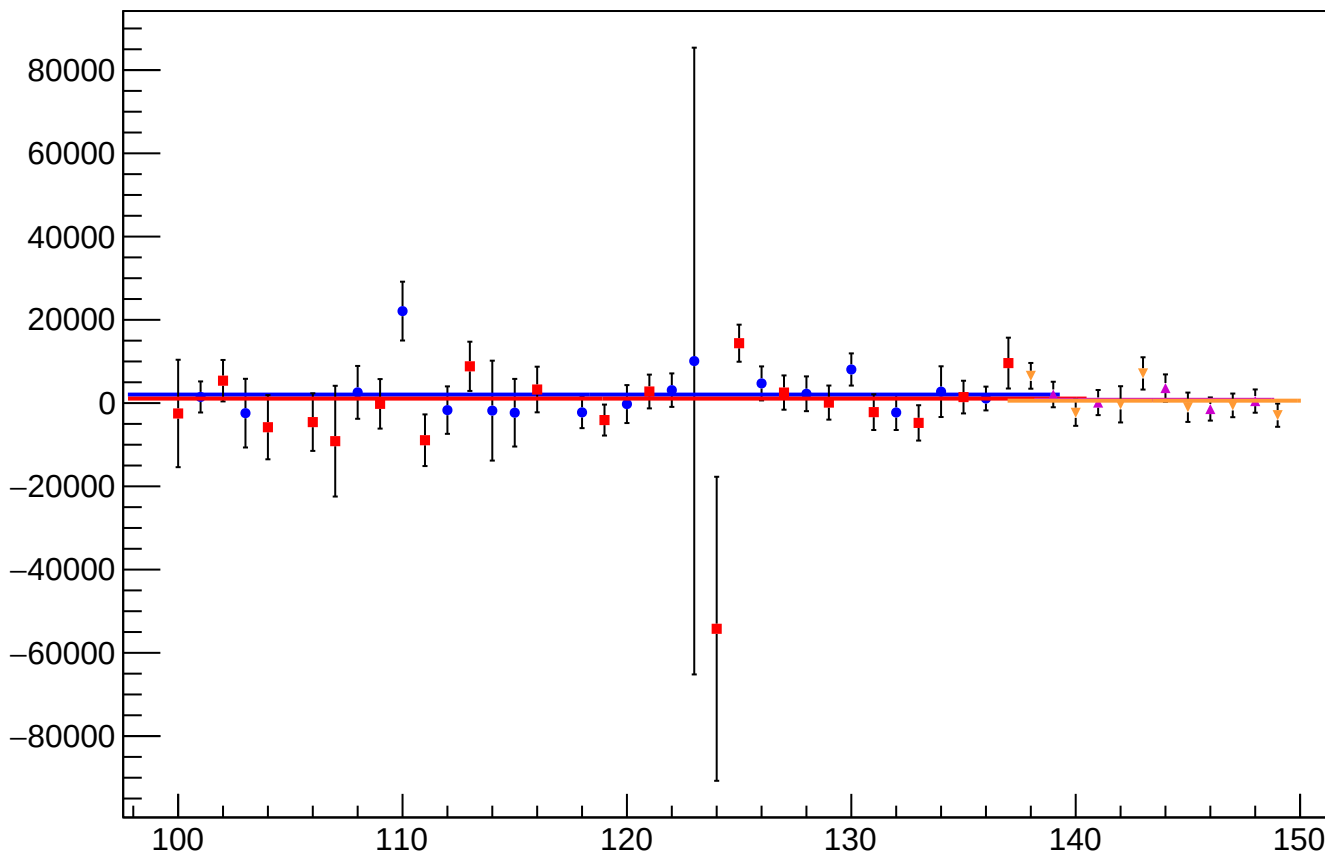
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 819.598+/-0.304 χ^2/NDF :961221.2/4

Out: 687.331+/-0.235 χ^2/NDF :1160365.3/6

All: 736.594+/-0.186 χ^2/NDF : 2240068.9/11

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16

Left Out: 582.122+/-1232.522 χ^2/NDF :9.4/6

Right Out: 1080.125+/-1186.666 χ^2/NDF : 25.3/18

Left In: 789.144+/-1329.090 χ^2/NDF :1.6/4

Left: 677.840+/-903.738 χ^2/NDF : 11.0/11

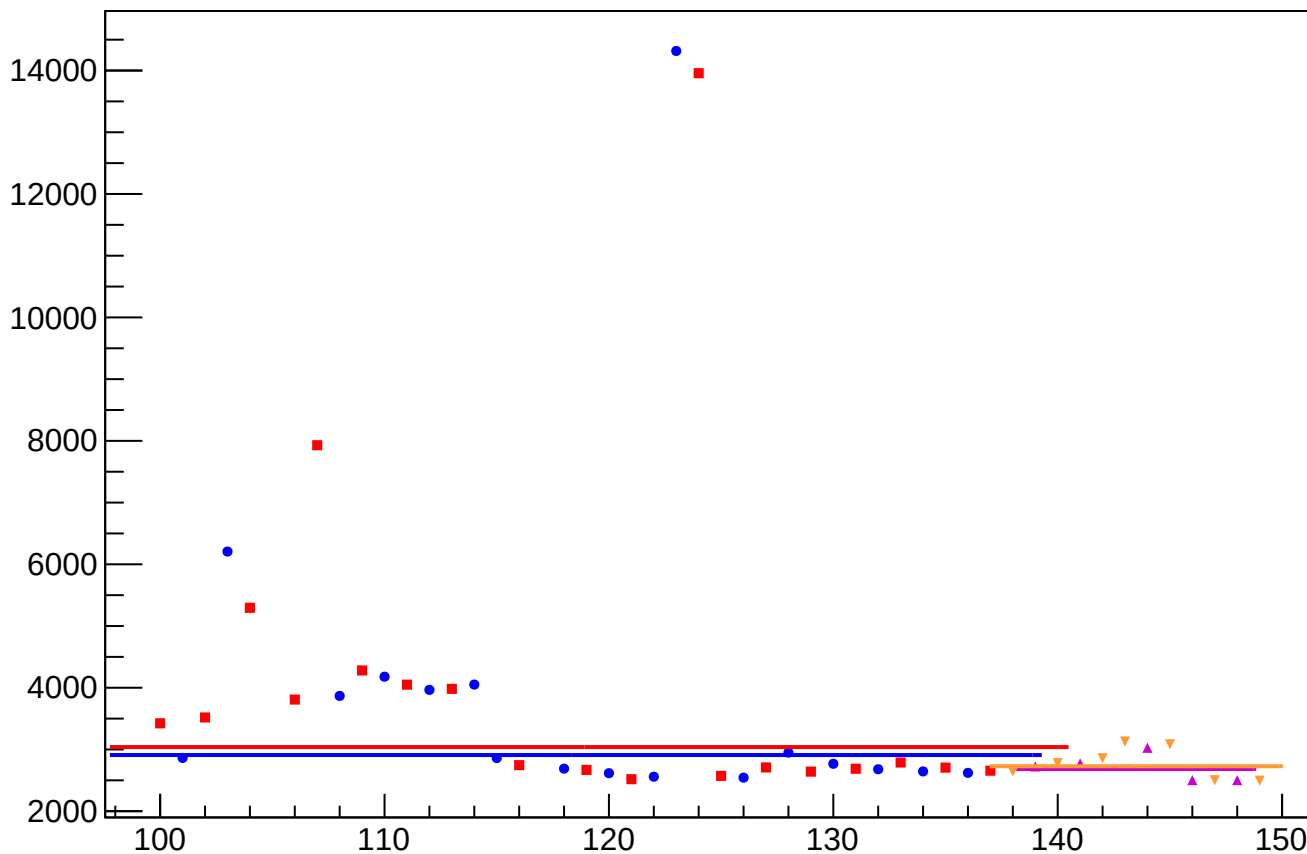
Right: 1573.398+/-826.356 χ^2/NDF : 40.5/35

In: 1502.455+/-870.264 χ^2/NDF :17.0/21

Out: 840.560+/-854.851 χ^2/NDF :34.8/25

All: 1165.594+/-609.847 χ^2/NDF : 52.1/47

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF : 641894.7/16

Left Out: 2728.252+/-0.872 χ^2/NDF : 72119.6/6

Right Out: 3039.118+/-0.839 χ^2/NDF : 1011306.5/18

Left In: 2683.392+/-0.940 χ^2/NDF : 40972.2/4

Left: 2707.511+/-0.639 χ^2/NDF : 114316.8/11

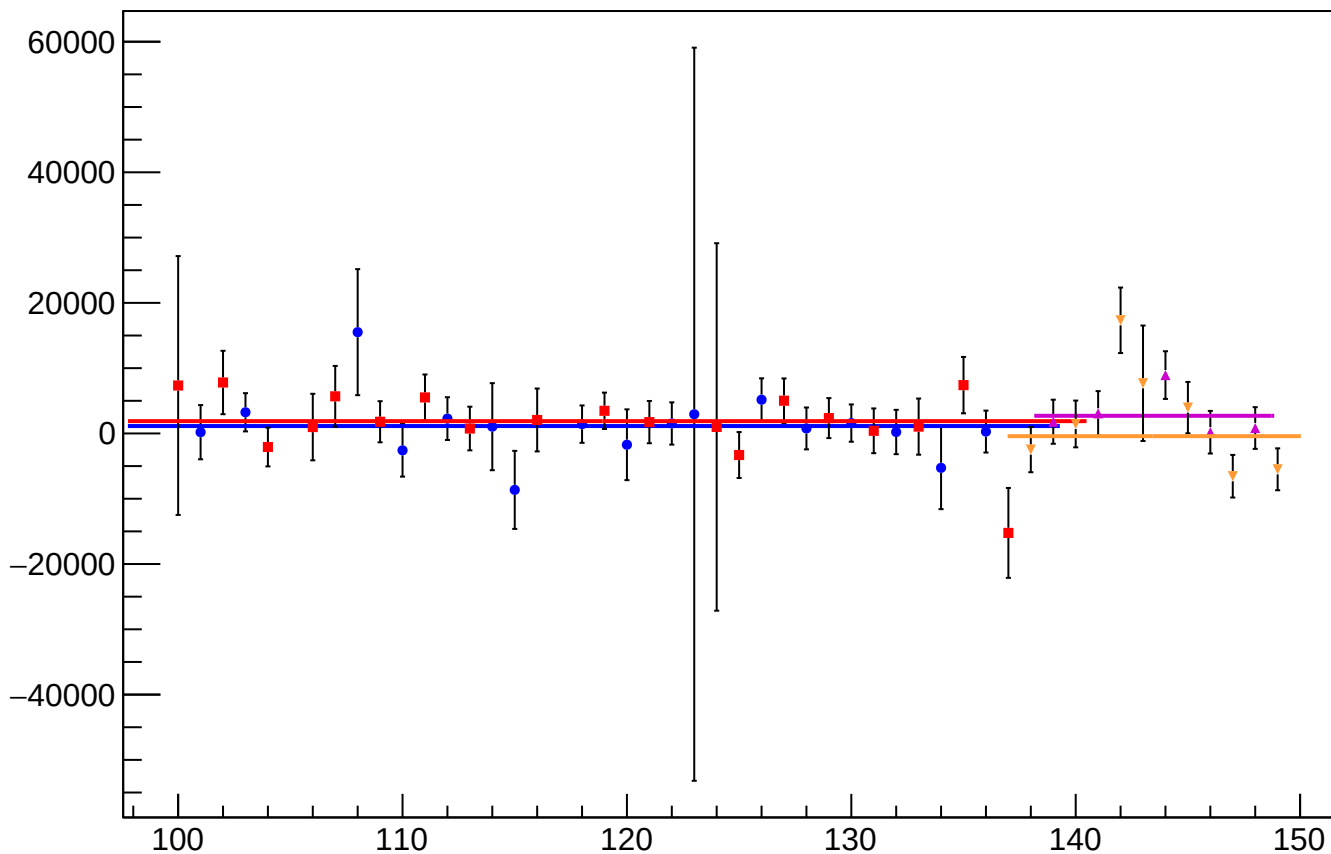
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

In: 2812.691+/-0.615 χ^2/NDF : 716001.4/21

Out: 2889.575+/-0.604 χ^2/NDF : 1149451.6/25

All: 2851.820+/-0.431 χ^2/NDF : 1873397.3/47

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1131.802 $\pm$ 926.744 χ^2 /NDF: 9.5/16

Left Out: -417.109 $\pm$ 1460.253 χ^2 /NDF:21.2/6

Right Out: 1884.987 $\pm$ 887.115 χ^2 /NDF: 16.6/18

Left In: 2704.265 $\pm$ 1506.174 χ^2 /NDF:3.9/4

Left: 1095.270 $\pm$ 1048.413 χ^2 /NDF: 27.4/11

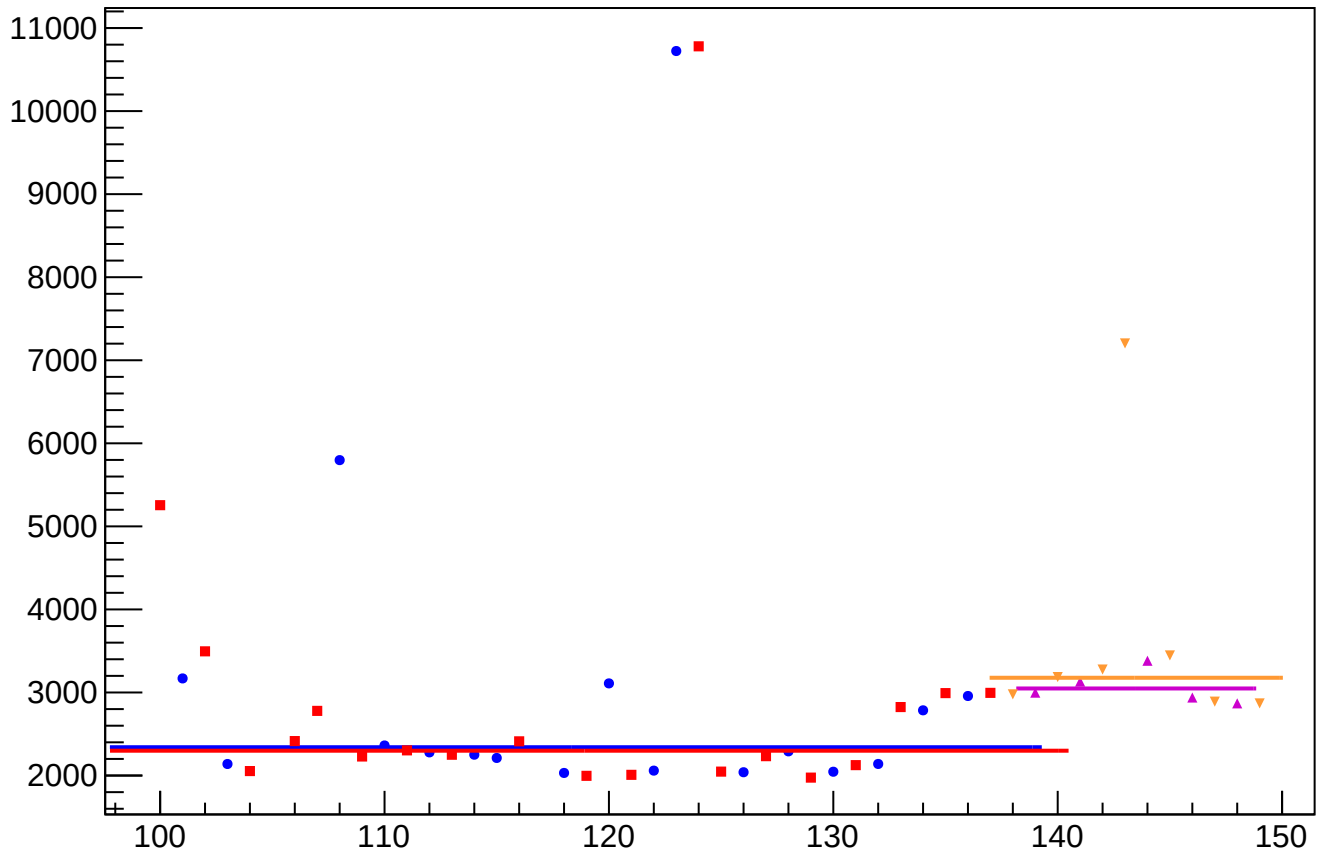
Right: 1524.842 $\pm$ 640.837 χ^2 /NDF: 26.4/35

In: 1563.634 $\pm$ 789.300 χ^2 /NDF:14.2/21

Out: 1264.400 $\pm$ 758.172 χ^2 /NDF:39.7/25

All: 1408.000 $\pm$ 546.782 χ^2 /NDF: 54.0/47

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2340.877 $\pm$ 0.655 χ^2 /NDF: 600471.2/16

Left Out: 3177.247 $\pm$ 1.033 χ^2 /NDF:465484.8/6

Right Out: 2298.949 $\pm$ 0.627 χ^2 /NDF: 566102.7/18

Left In: 3048.239 $\pm$ 1.065 χ^2 /NDF:26874.4/4

Left: 3114.740 $\pm$ 0.741 χ^2 /NDF: 499922.7/11

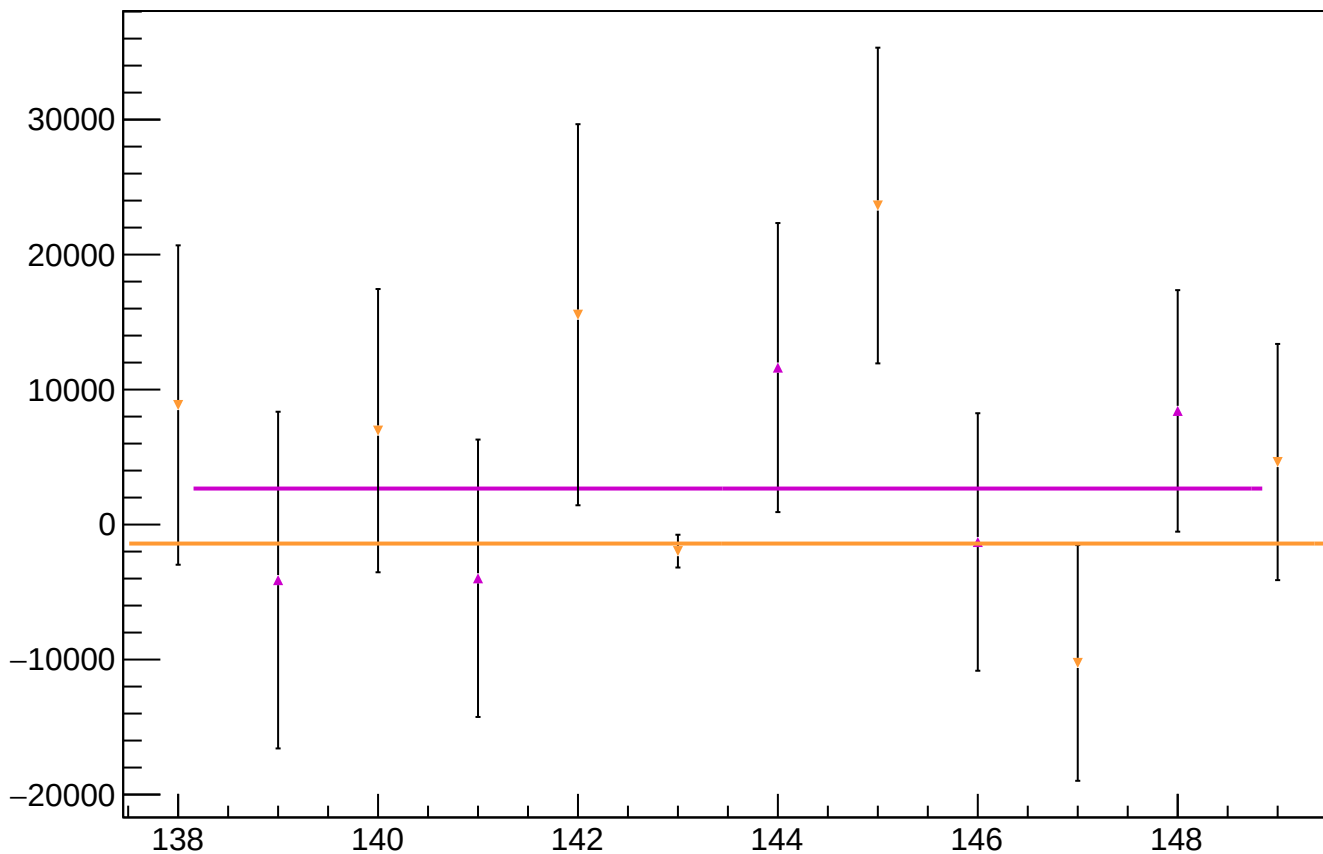
Right: 2318.982 $\pm$ 0.453 χ^2 /NDF: 1168711.7/35

In: 2535.133 $\pm$ 0.558 χ^2 /NDF:947329.7/21

Out: 2535.458 $\pm$ 0.536 χ^2 /NDF:1560286.2/25

All: 2535.302 $\pm$ 0.387 χ^2 /NDF: 2507616.1/47

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1406.713+/-1167.779 χ^2/NDF :9.1/6

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

Left In: 2668.308+/-4559.041 χ^2/NDF :2.0/4

Left: -1155.810+/-1131.257 χ^2/NDF : 11.9/11

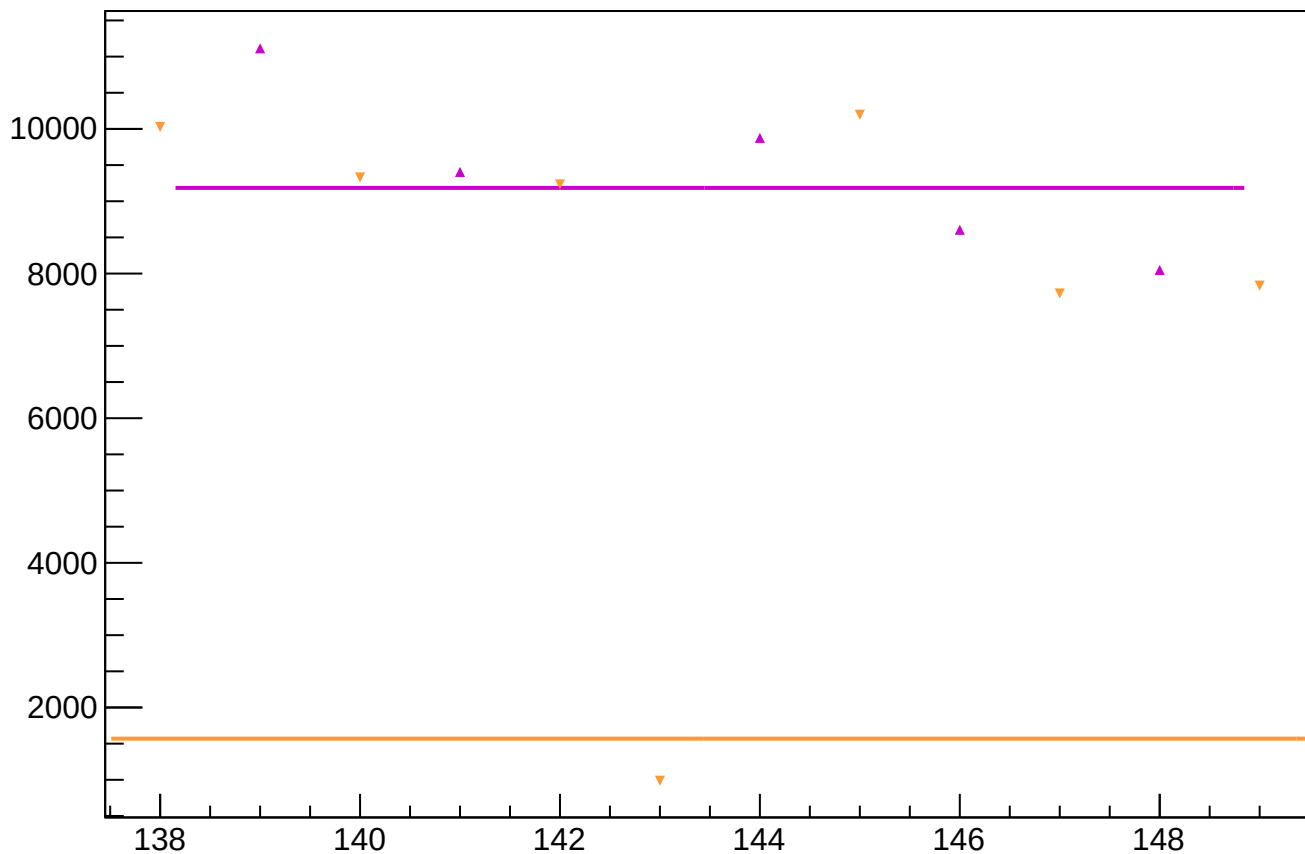
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2668.308+/-4559.041 χ^2/NDF :2.0/4

Out: -1406.713+/-1167.779 χ^2/NDF :9.1/6

All: -1155.810+/-1131.257 χ^2/NDF : 11.9/11

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1569.379+/-0.826 χ^2/NDF : 6273561.0/6

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

Left In: 9184.845+/-3.224 χ^2/NDF : 96674.4/4

Left: 2038.270+/-0.800 χ^2/NDF : 11607172.9/11

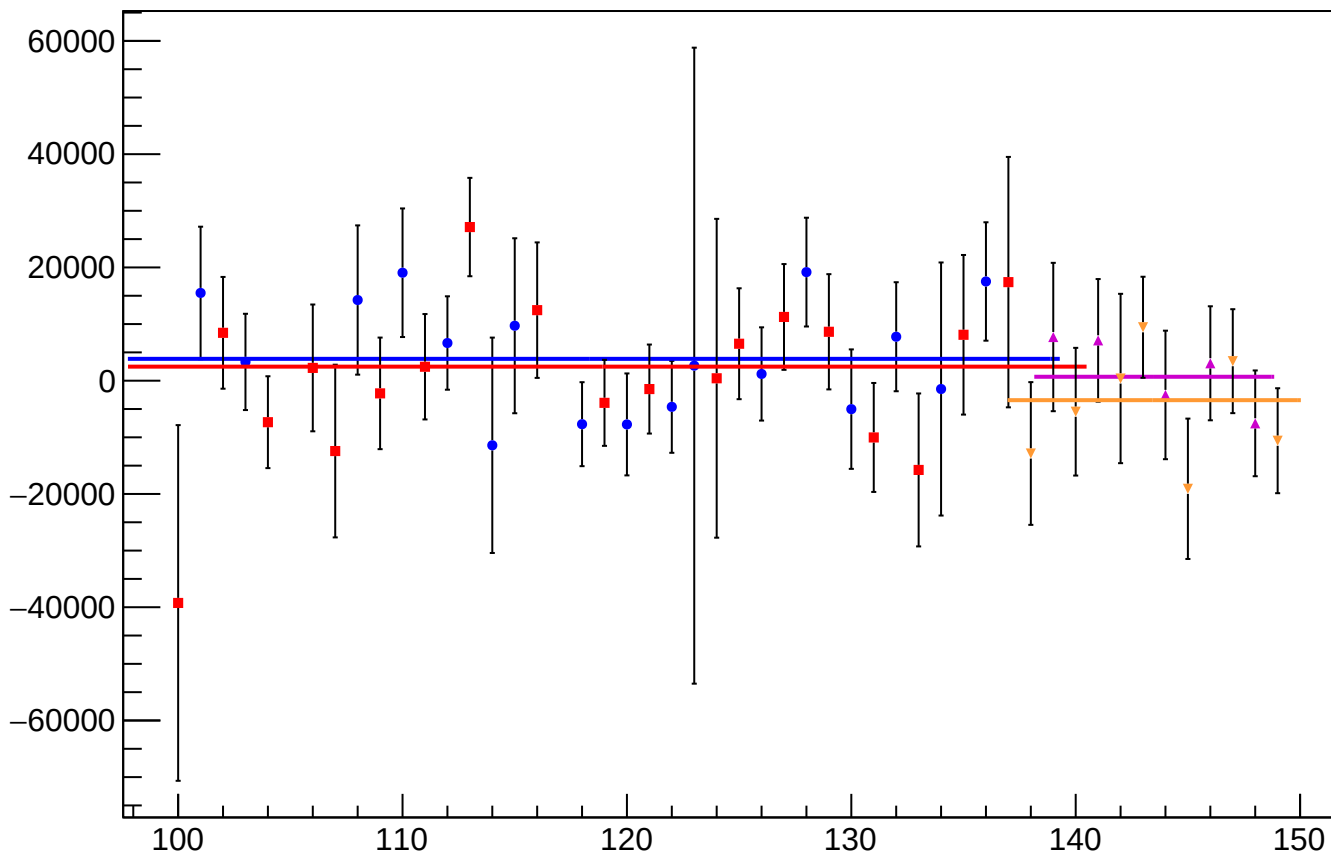
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9184.845+/-3.224 χ^2/NDF : 96674.4/4

Out: 1569.379+/-0.826 χ^2/NDF : 6273561.0/6

All: 2038.270+/-0.800 χ^2/NDF : 11607172.9/11

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -3438.348 $\pm$ 4041.377 χ^2 /NDF:5.5/6

Right Out: 2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

Left In: 694.261 $\pm$ 4796.861 χ^2 /NDF:1.6/4

Left: -1722.733 $\pm$ 3090.686 χ^2 /NDF: 7.5/11

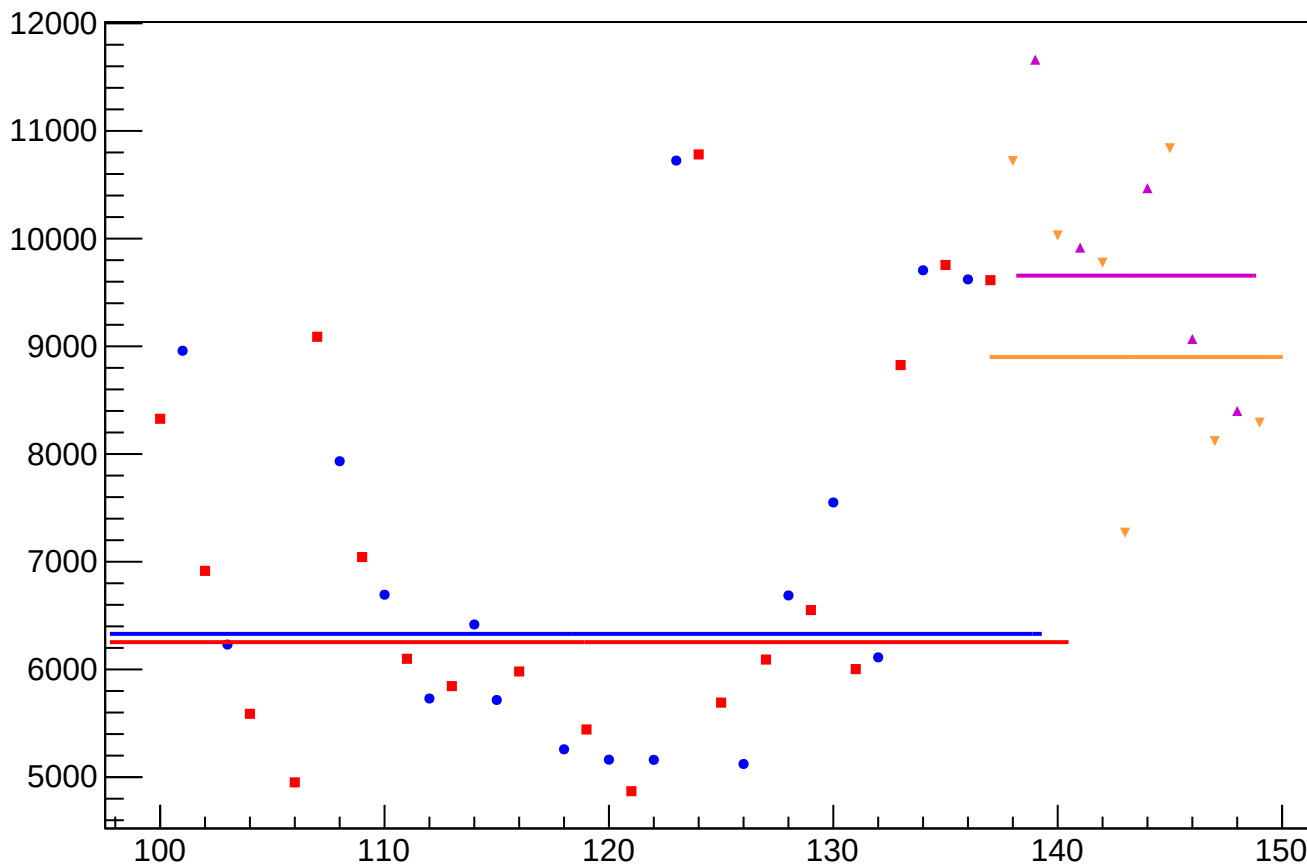
Right: 3146.972 $\pm$ 1742.228 χ^2 /NDF: 35.0/35

In: 3179.946 $\pm$ 2223.093 χ^2 /NDF:16.7/21

Out: 918.872 $\pm$ 2077.053 χ^2 /NDF:27.1/25

All: 1972.707 $\pm$ 1517.703 χ^2 /NDF: 44.3/47

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291 $\pm$ 1.774 χ^2/NDF : 593395.6/16

Left Out: 8900.634 $\pm$ 2.858 χ^2/NDF :207508.8/6

Right Out: 6253.330 $\pm$ 1.712 χ^2/NDF : 535355.5/18

Left In: 9656.403 $\pm$ 3.392 χ^2/NDF :101292.1/4

Left: 9214.385 $\pm$ 2.185 χ^2/NDF : 337837.4/11

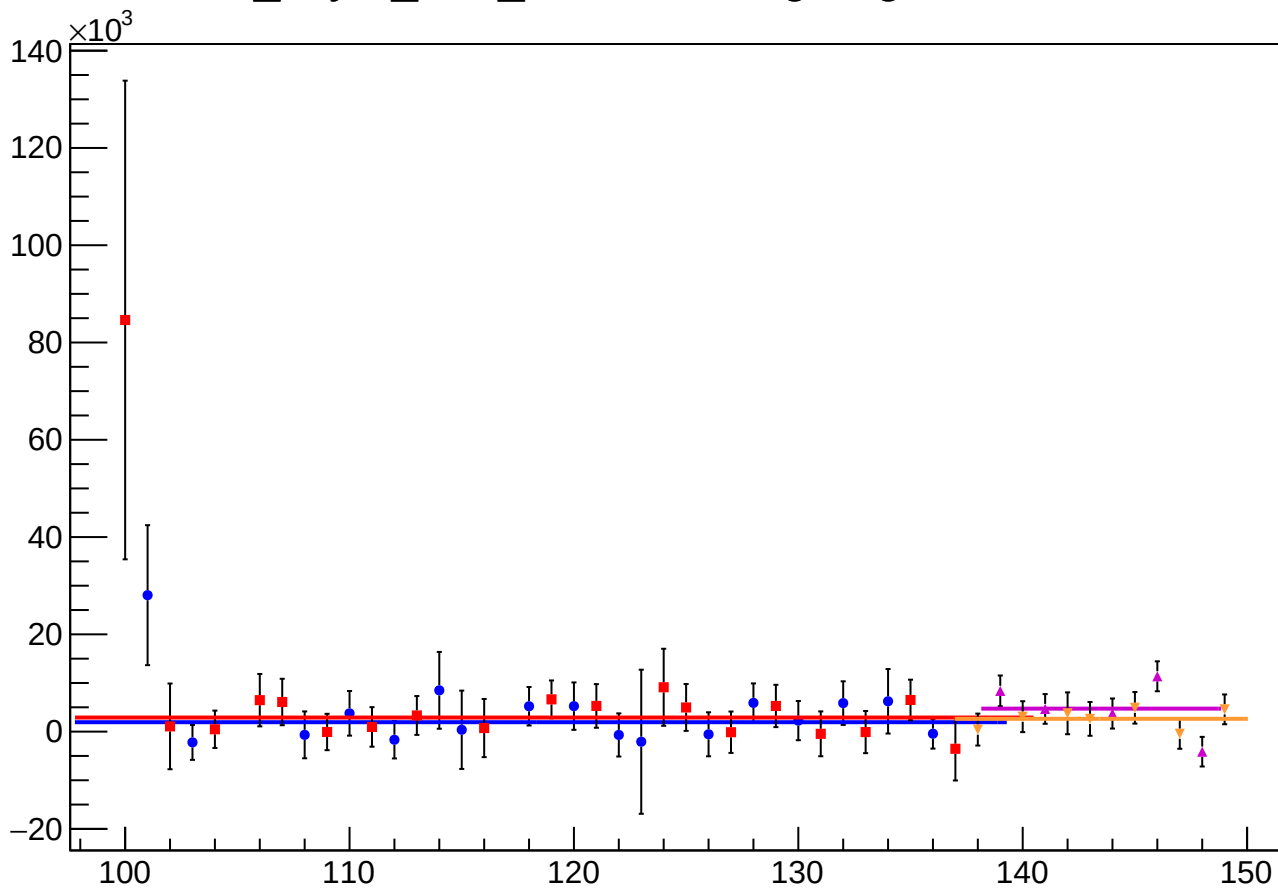
Right: 6290.444 $\pm$ 1.232 χ^2/NDF : 1129725.5/35

In: 7044.680 $\pm$ 1.572 χ^2/NDF :1449744.7/21

Out: 6952.545 $\pm$ 1.469 χ^2/NDF :1374379.6/25

All: 6995.486 $\pm$ 1.073 χ^2/NDF : 2825958.5/47

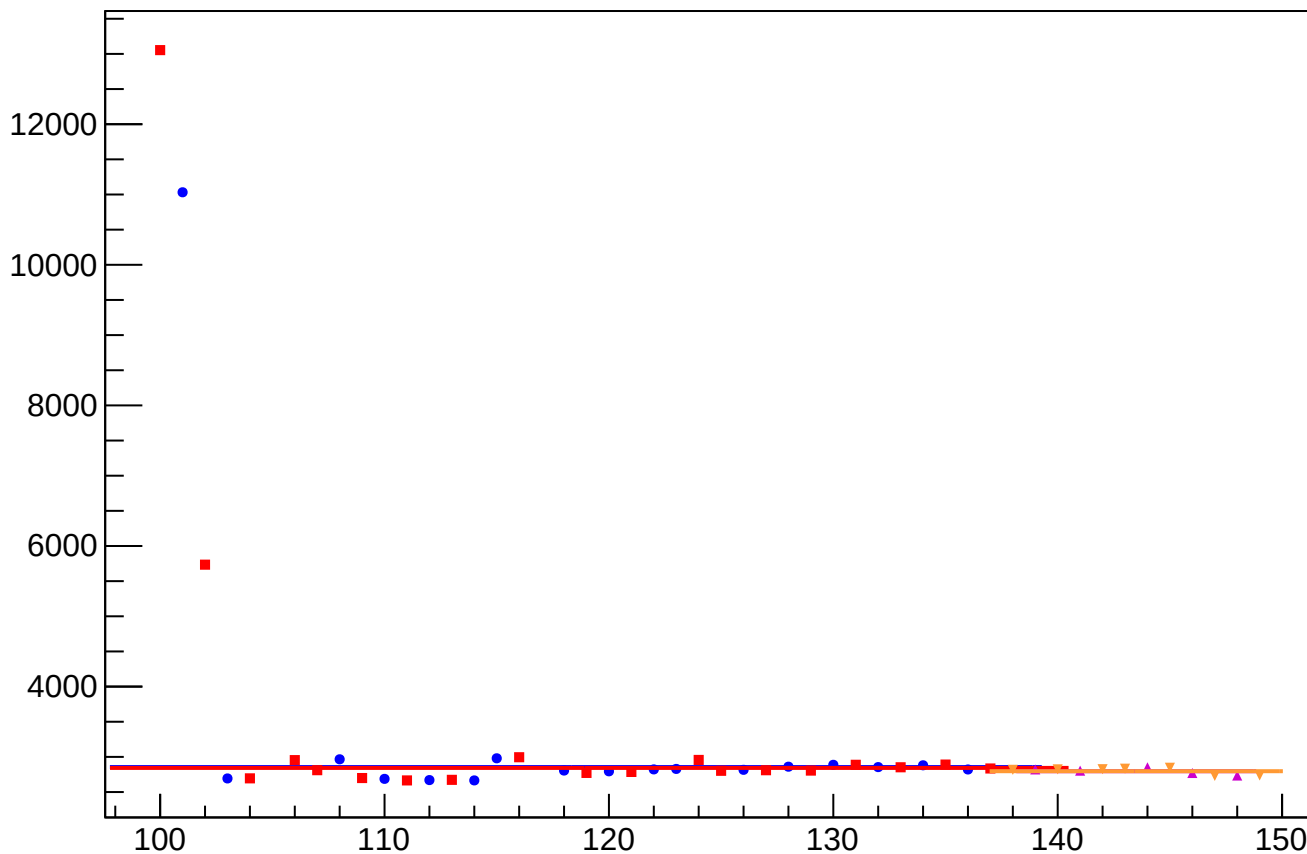
dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1936.744+/-1128.266 χ^2/NDF : 11.3/16
 Left Out: 2632.940+/-1254.813 χ^2/NDF : 2.4/6
 Right Out: 2896.594+/-1086.848 χ^2/NDF : 10.6/18
 Left In: 4726.258+/-1379.380 χ^2/NDF : 14.6/4

Left: 3580.830+/-928.208 χ^2/NDF : 18.2/11
 Right: 2434.610+/-782.750 χ^2/NDF : 22.3/35
 In: 3054.935+/-873.328 χ^2/NDF : 28.3/21
 Out: 2783.582+/-821.532 χ^2/NDF : 13.1/25
 All: 2910.973+/-598.384 χ^2/NDF : 41.5/47

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2855.108+/-0.798 χ^2/NDF : 660906.0/16

Left Out: 2796.435+/-0.887 χ^2/NDF : 2704.5/6

Right Out: 2843.350+/-0.769 χ^2/NDF : 319301.9/18

Left In: 2796.347+/-0.975 χ^2/NDF : 1741.3/4

Left: 2796.396+/-0.656 χ^2/NDF : 4445.8/11

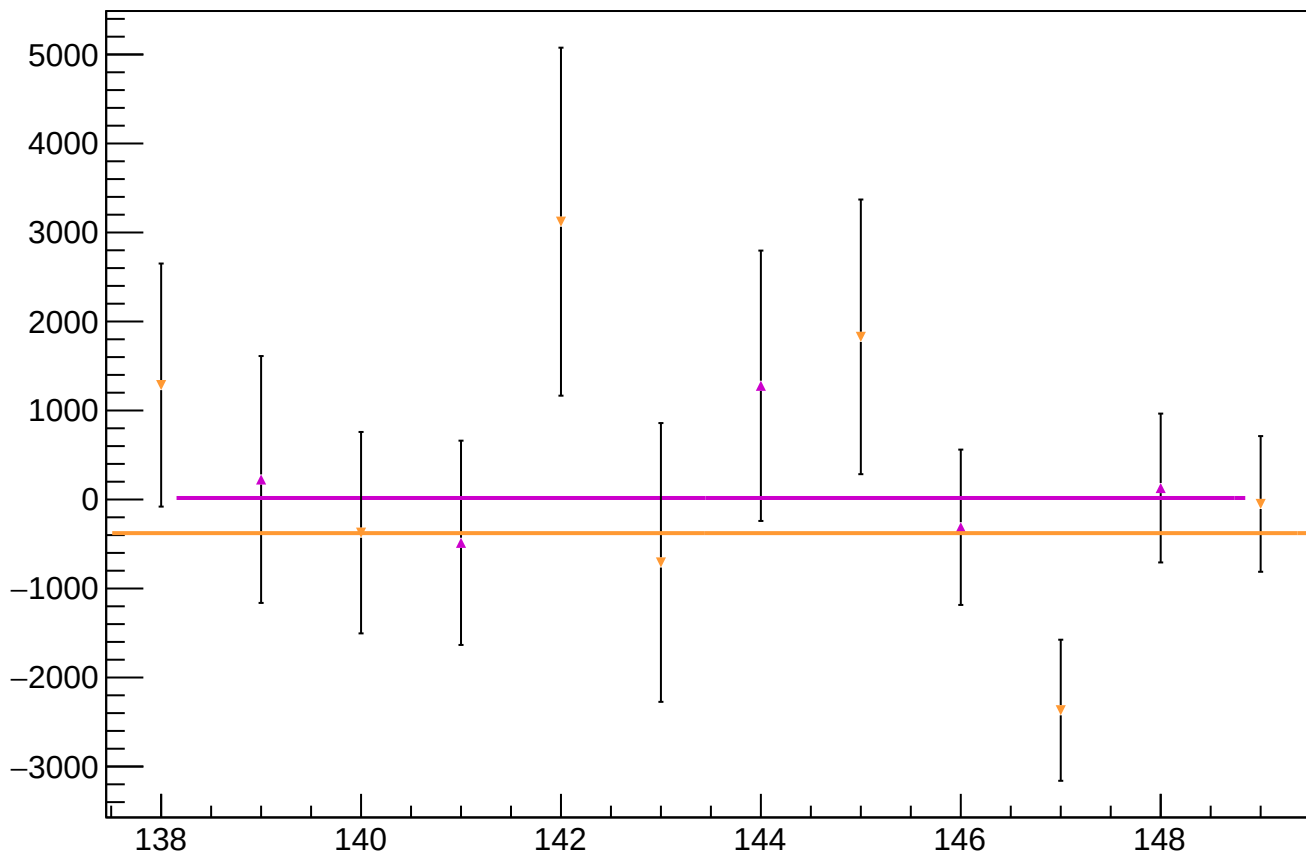
Right: 2849.009+/-0.553 χ^2/NDF : 980320.6/35

In: 2831.553+/-0.618 χ^2/NDF : 664821.8/21

Out: 2823.241+/-0.581 χ^2/NDF : 323603.7/25

All: 2827.143+/-0.423 χ^2/NDF : 988521.7/47

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -377.768+/-418.131 χ^2/NDF :13.3/6

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

Left In: 17.063+/-473.710 χ^2/NDF :1.1/4

Left: -204.863+/-313.481 χ^2/NDF : 14.7/11

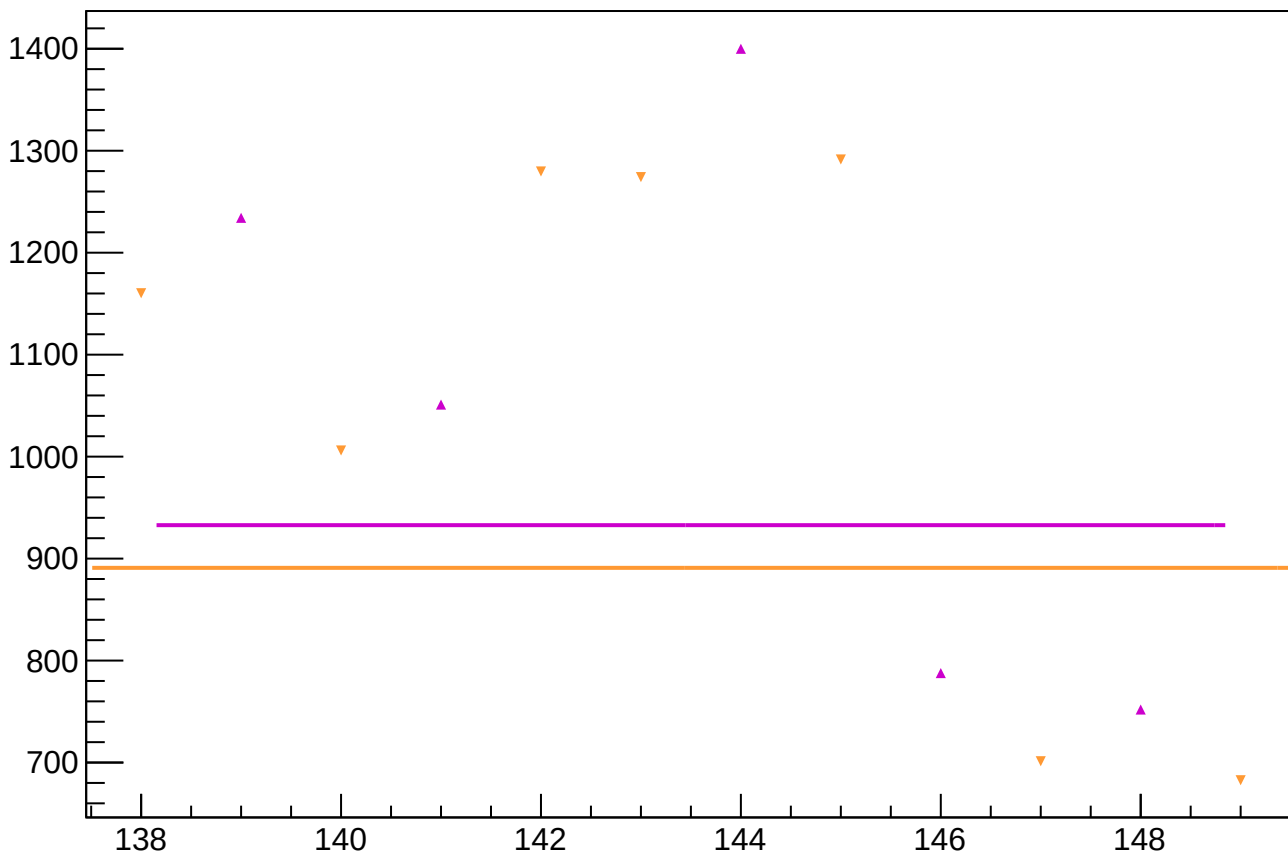
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.063+/-473.710 χ^2/NDF :1.1/4

Out: -377.768+/-418.131 χ^2/NDF :13.3/6

All: -204.863+/-313.481 χ^2/NDF : 14.7/11

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 890.936+/-0.296 χ^2/NDF : 695901.8/6

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

Left In: 932.790+/-0.335 χ^2/NDF : 453721.3/4

Left: 909.265+/-0.222 χ^2/NDF : 1158398.6/11

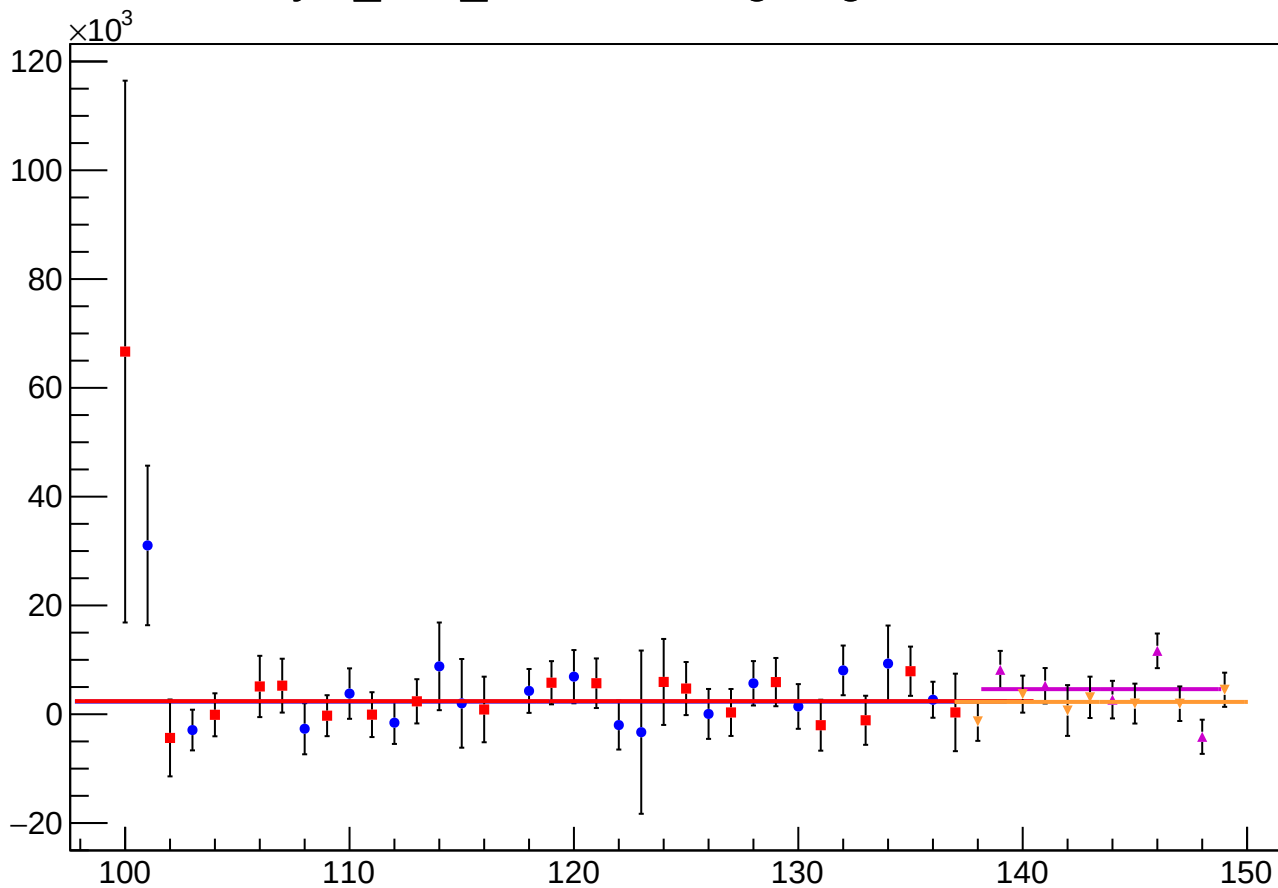
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 932.790+/-0.335 χ^2/NDF : 453721.3/4

Out: 890.936+/-0.296 χ^2/NDF : 695901.8/6

All: 909.265+/-0.222 χ^2/NDF : 1158398.6/11

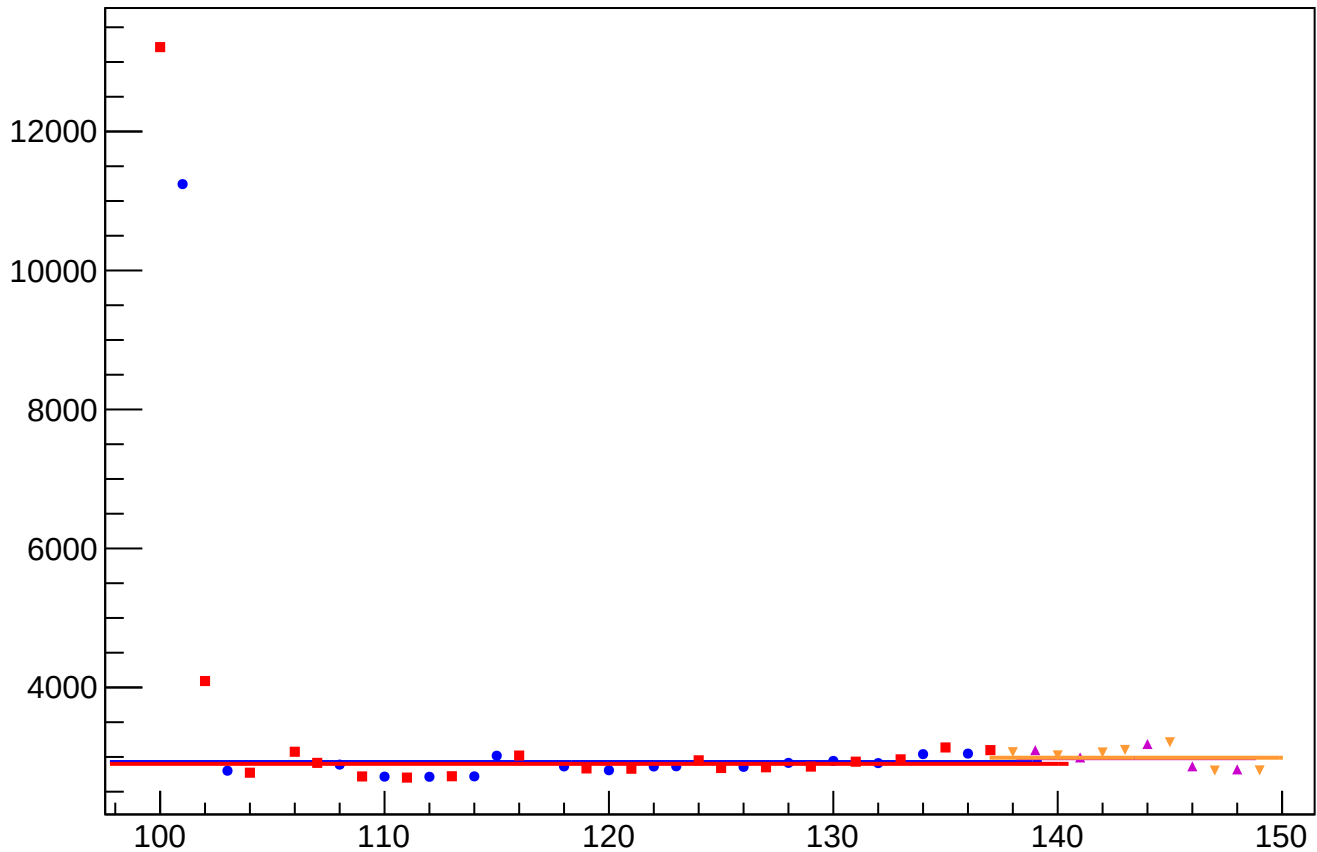
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16
 Left Out: 2265.599+/-1343.016 χ^2/NDF : 1.9/6
 Right Out: 2403.750+/-1110.093 χ^2/NDF : 10.1/18
 Left In: 4612.264+/-1472.483 χ^2/NDF : 14.1/4

Left: 3331.251+/-992.276 χ^2/NDF : 17.3/11
 Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35
 In: 3200.862+/-909.539 χ^2/NDF : 29.9/21
 Out: 2347.675+/-855.638 χ^2/NDF : 11.9/25
 All: 2748.240+/-623.212 χ^2/NDF : 42.4/47

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 2988.765+/-0.950 χ^2/NDF : 24326.7/6

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

Left In: 2981.999+/-1.041 χ^2/NDF : 17153.0/4

Left: 2985.692+/-0.702 χ^2/NDF : 41502.7/11

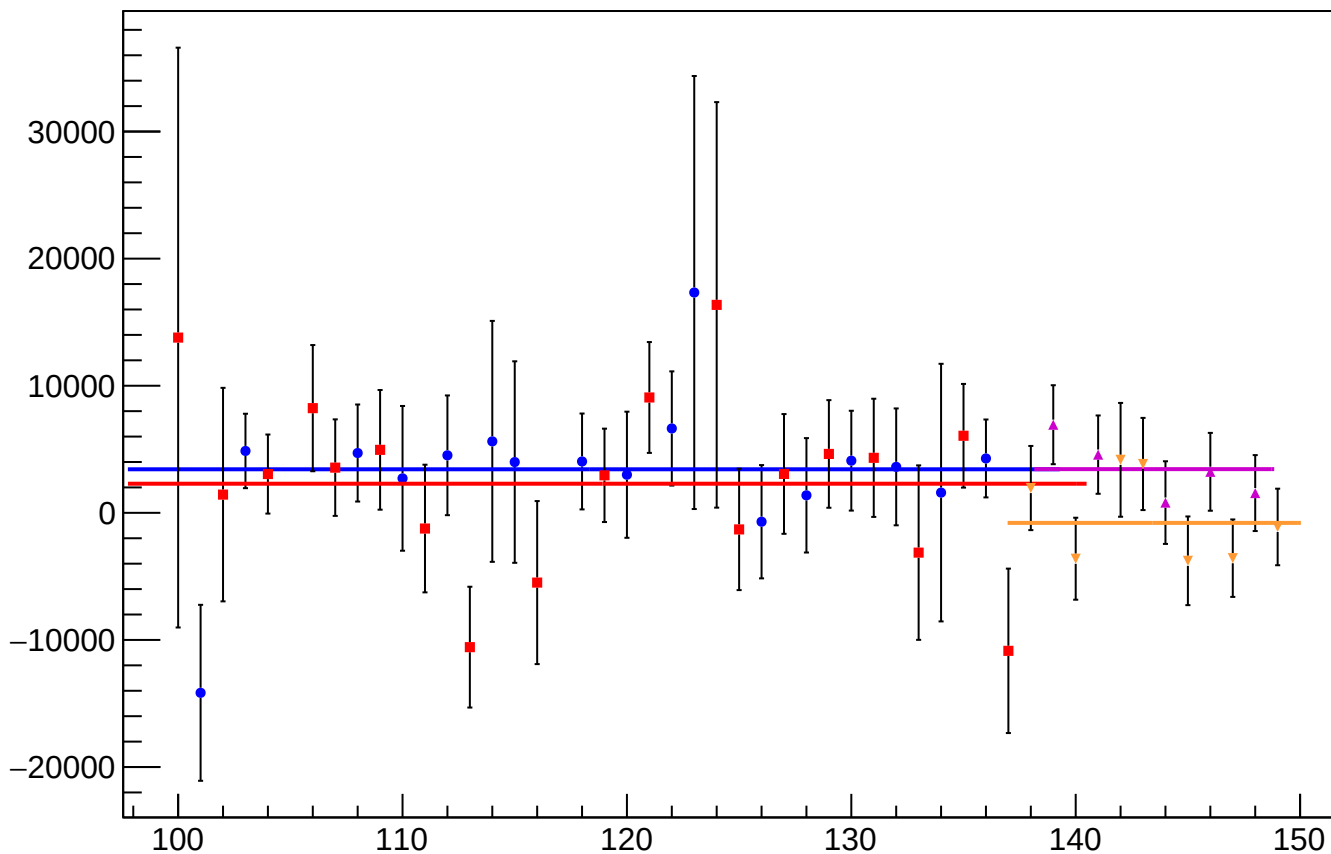
Right: 2913.190+/-0.566 χ^2/NDF : 833178.3/35

In: 2947.743+/-0.643 χ^2/NDF : 681697.5/21

Out: 2936.521+/-0.605 χ^2/NDF : 199287.5/25

All: 2941.790+/-0.441 χ^2/NDF : 881146.6/47

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3426.396+/-1117.275 χ^2/NDF : 9.4/16

Left Out: -791.492+/-1276.790 χ^2/NDF : 5.9/6

Right Out: 2290.985+/-1111.370 χ^2/NDF : 21.4/18

Left In: 3438.175+/-1383.789 χ^2/NDF : 2.5/4

Left: 1153.514+/-938.377 χ^2/NDF : 13.4/11

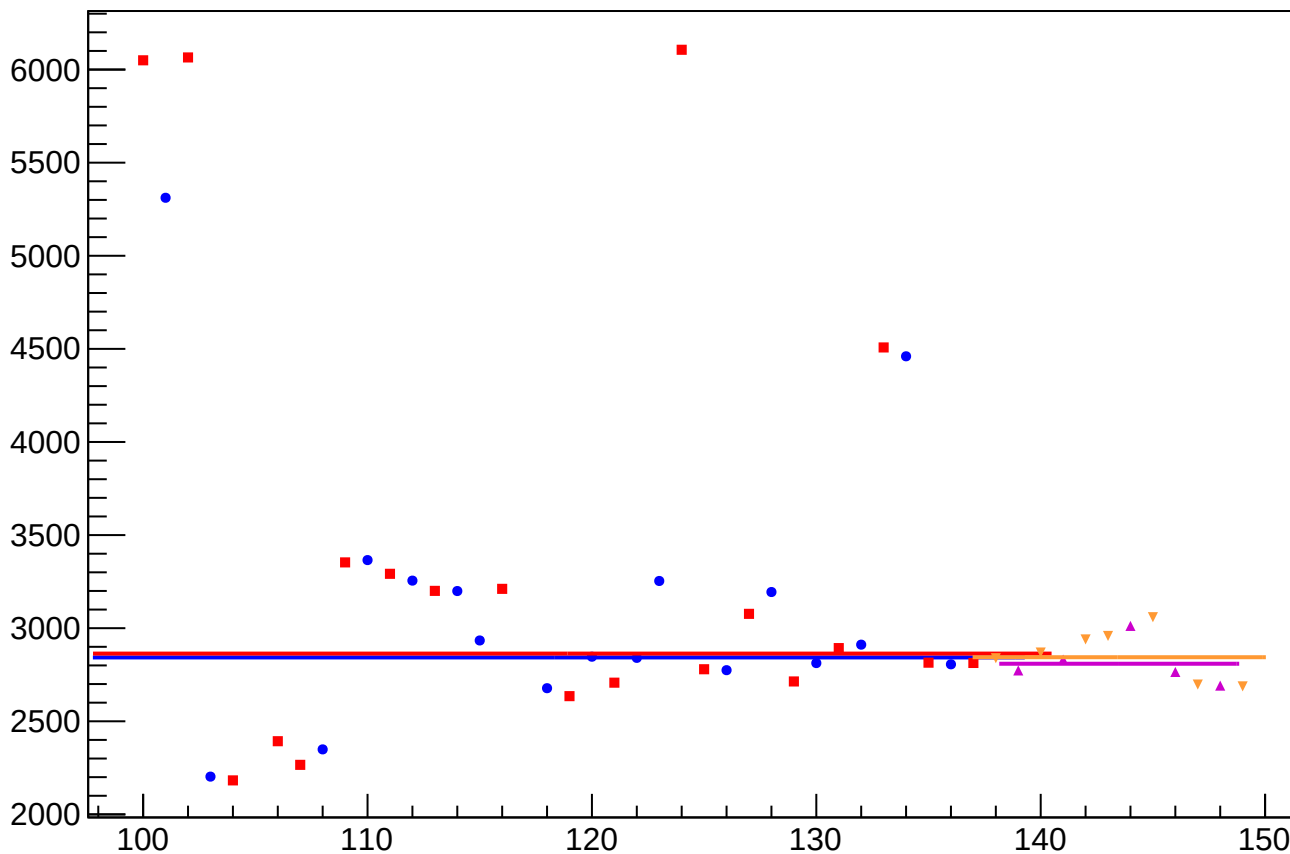
Right: 2855.682+/-787.937 χ^2/NDF : 31.3/35

In: 3431.044+/-869.297 χ^2/NDF : 11.8/21

Out: 962.240+/-838.283 χ^2/NDF : 30.6/25

All: 2151.816+/-603.422 χ^2/NDF : 46.6/47

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2842.874 ± 0.790 $\chi^2/\text{NDF}: 488114.5/16$

Left Out: 2844.077 ± 0.903 $\chi^2/\text{NDF}: 20653.9/6$

Right Out: 2863.592 ± 0.786 $\chi^2/\text{NDF}: 760763.4/18$

Left In: 2809.054 ± 0.978 $\chi^2/\text{NDF}: 11693.2/4$

Left: 2827.972 ± 0.664 $\chi^2/\text{NDF}: 33039.1/11$

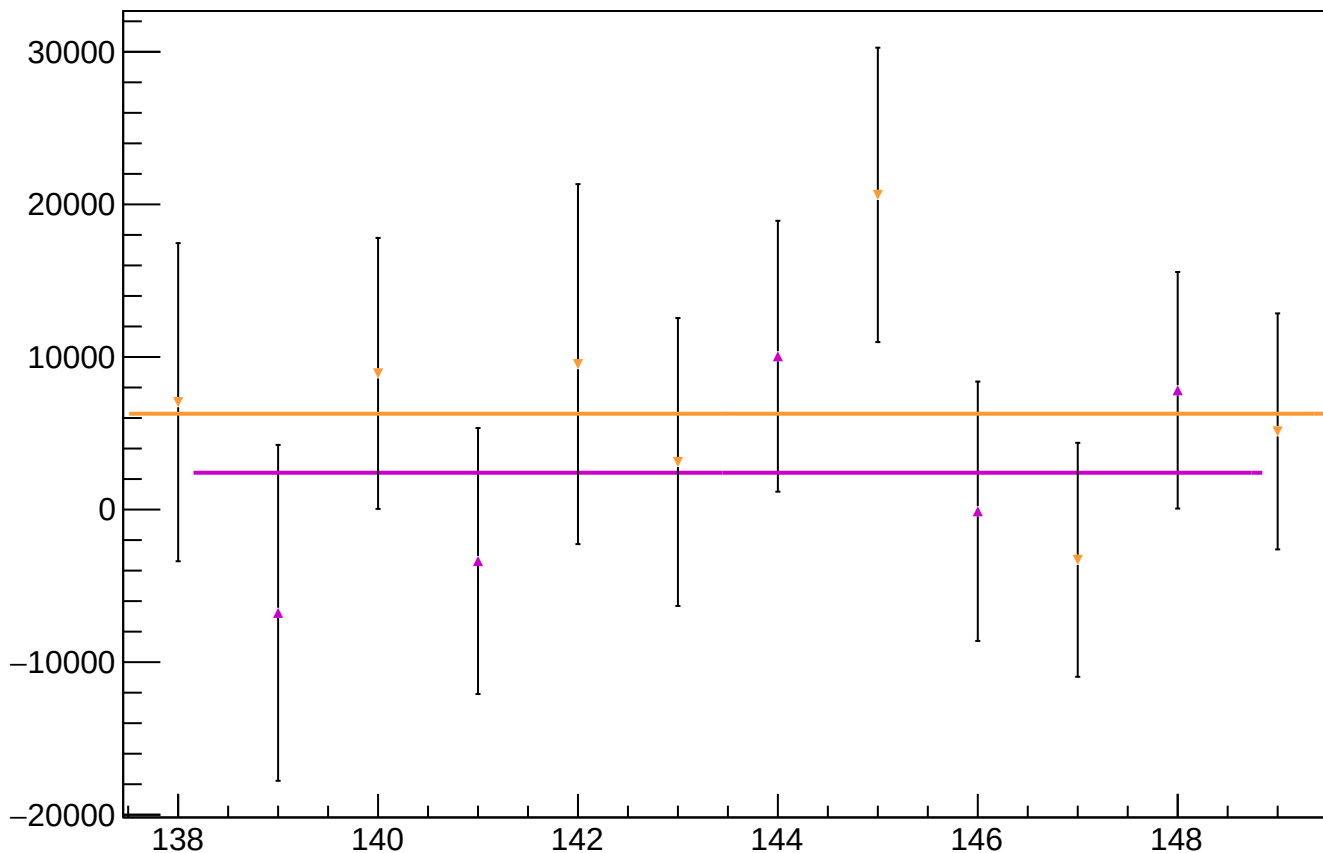
Right: 2853.292 ± 0.557 $\chi^2/\text{NDF}: 1249223.7/35$

In: 2829.527 ± 0.615 $\chi^2/\text{NDF}: 500530.9/21$

Out: 2855.183 ± 0.593 $\chi^2/\text{NDF}: 781683.2/25$

All: 2842.824 ± 0.427 $\chi^2/\text{NDF}: 1283117.0/47$

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 6282.931+/-3434.483 χ^2/NDF :4.1/6

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

Left In: 2413.919+/-3934.720 χ^2/NDF :2.5/4

Left: 4609.856+/-2587.447 χ^2/NDF : 7.1/11

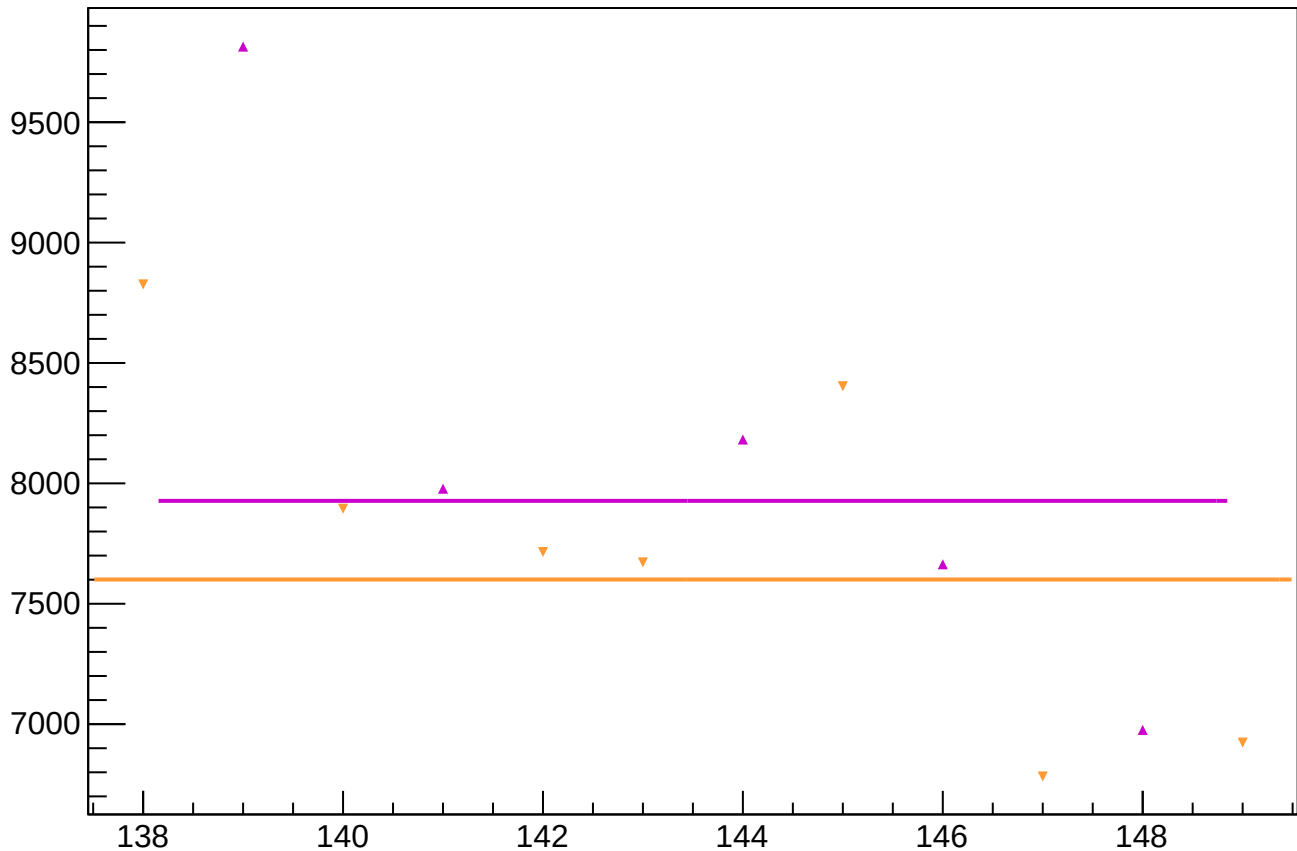
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2413.919+/-3934.720 χ^2/NDF :2.5/4

Out: 6282.931+/-3434.483 χ^2/NDF :4.1/6

All: 4609.856+/-2587.447 χ^2/NDF : 7.1/11

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 7600.746+/-2.429 χ^2/NDF : 82090.4/6

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

Left In: 7927.372+/-2.782 χ^2/NDF : 92516.7/4

Left: 7741.989+/-1.830 χ^2/NDF : 182429.1/11

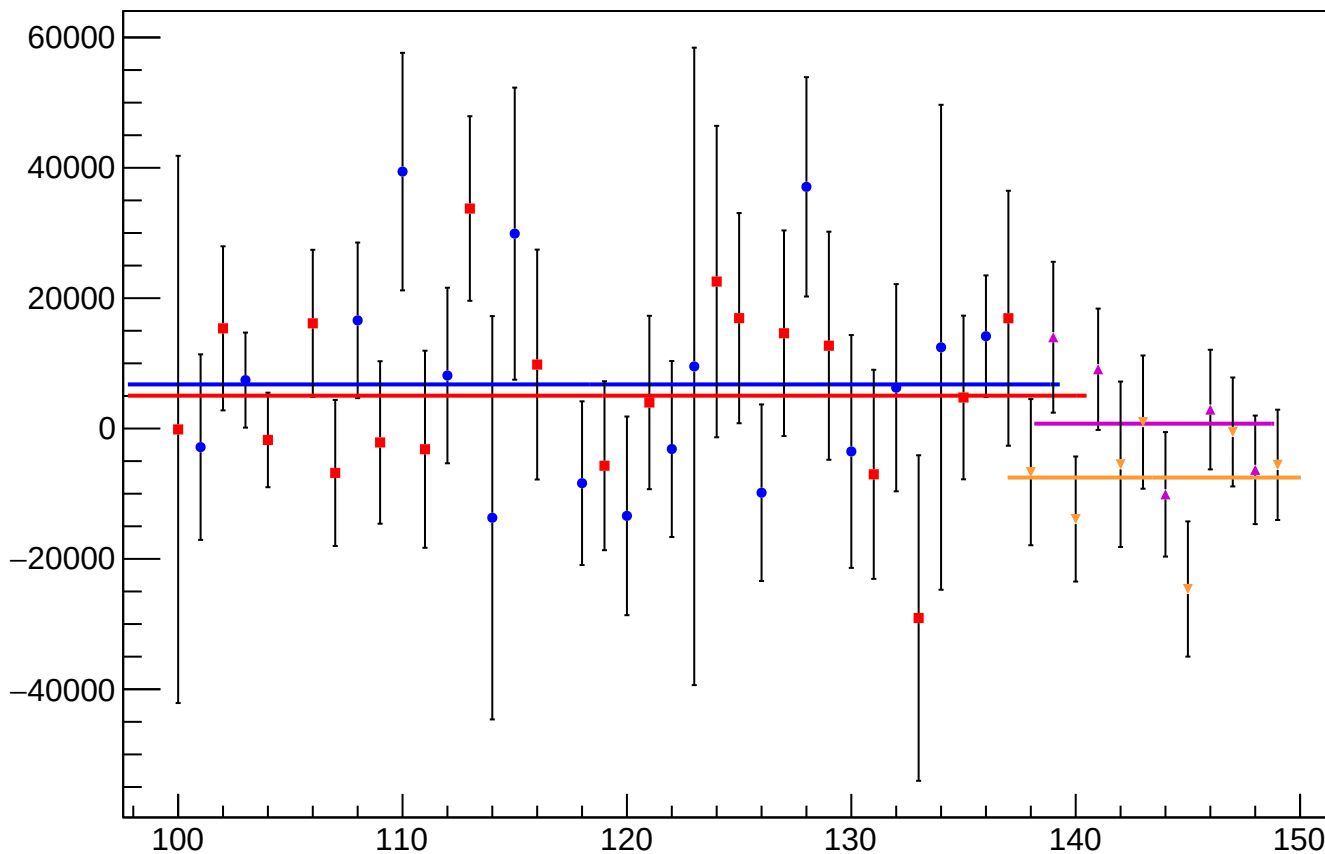
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7927.372+/-2.782 χ^2/NDF : 92516.7/4

Out: 7600.746+/-2.429 χ^2/NDF : 82090.4/6

All: 7741.989+/-1.830 χ^2/NDF : 182429.1/11

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -7521.467+/-3722.046 χ^2/NDF : 4.6/6

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 746.100+/-4215.923 χ^2/NDF : 4.2/4

Left: -3900.084+/-2790.237 χ^2/NDF : 11.0/11

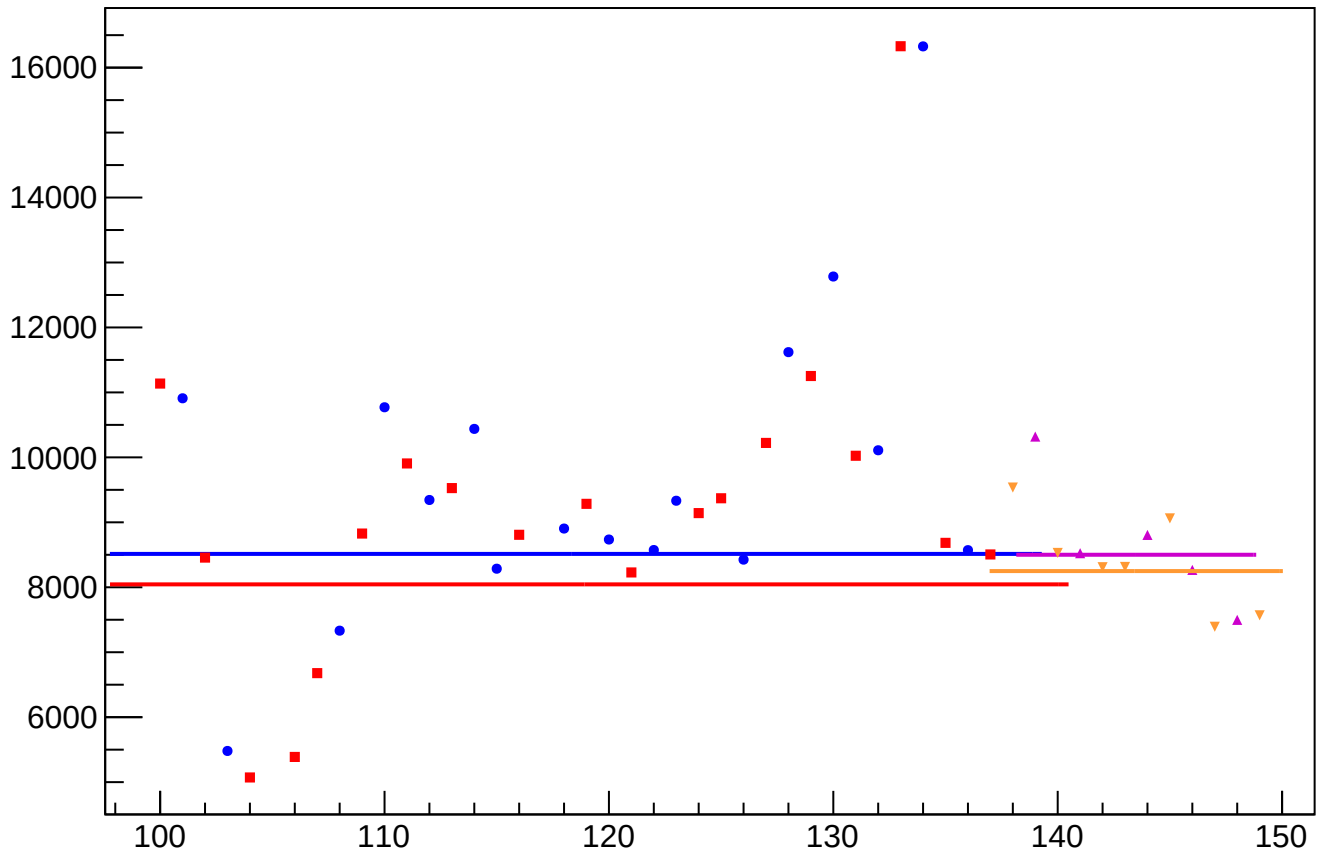
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 4405.405+/-2640.506 χ^2/NDF : 20.8/21

Out: -235.547+/-2412.291 χ^2/NDF : 24.8/25

All: 1875.742+/-1780.973 χ^2/NDF : 47.3/47

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8249.272+/-2.632 χ^2/NDF : 74352.2/6

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

Left In: 8500.510+/-2.981 χ^2/NDF : 81735.3/4

Left: 8359.320+/-1.973 χ^2/NDF : 160079.0/11

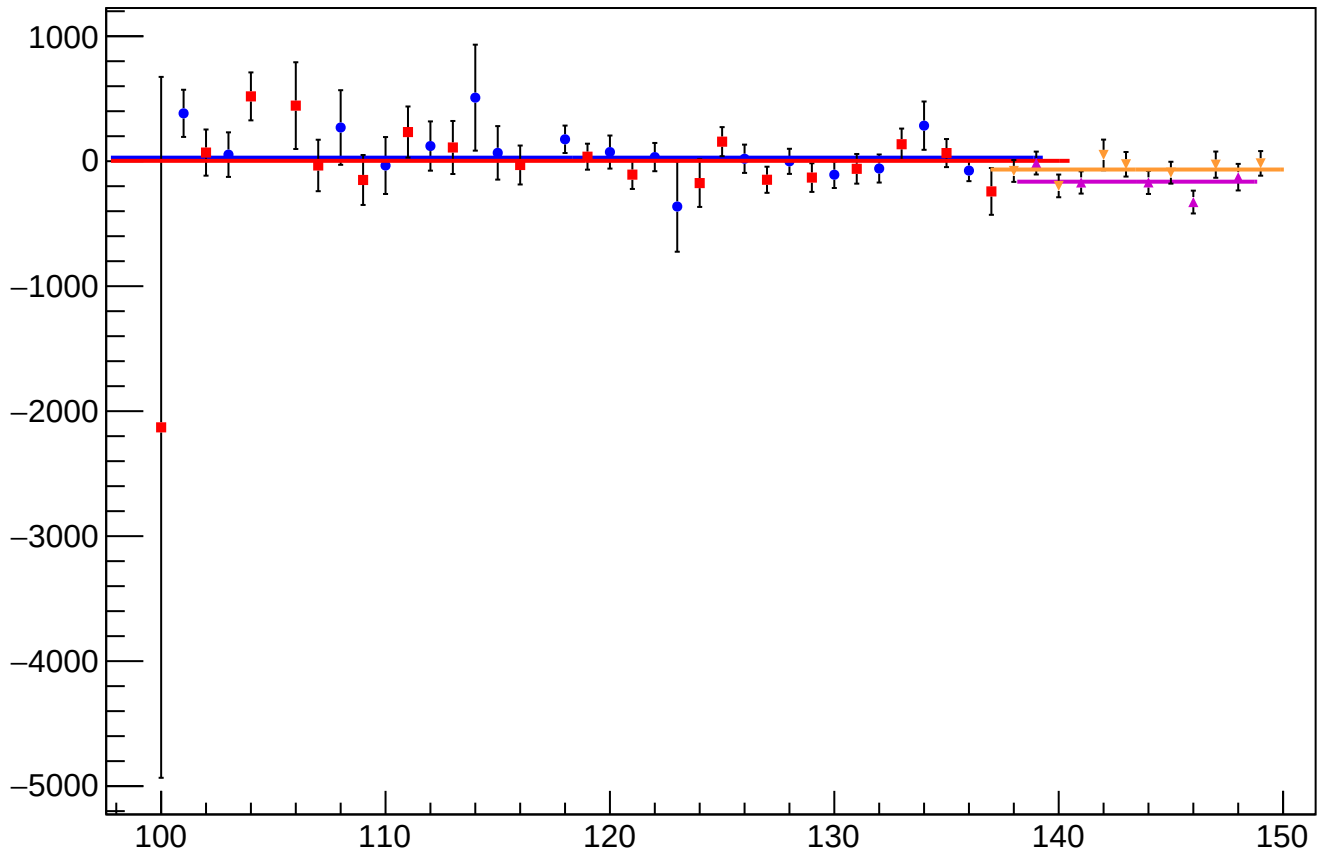
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8508.505+/-1.867 χ^2/NDF : 844361.6/21

Out: 8130.648+/-1.706 χ^2/NDF : 1030165.4/25

All: 8302.541+/-1.259 χ^2/NDF : 1896851.1/47

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 28.303 ± 33.679 χ^2/NDF : 14.5/16

Left Out: -66.577 ± 36.592 χ^2/NDF : 3.7/6

Right Out: 2.963 ± 33.691 χ^2/NDF : 22.3/18

Left In: -163.860 ± 41.845 χ^2/NDF : 6.0/4

Left: -108.732 ± 27.545 χ^2/NDF : 12.7/11

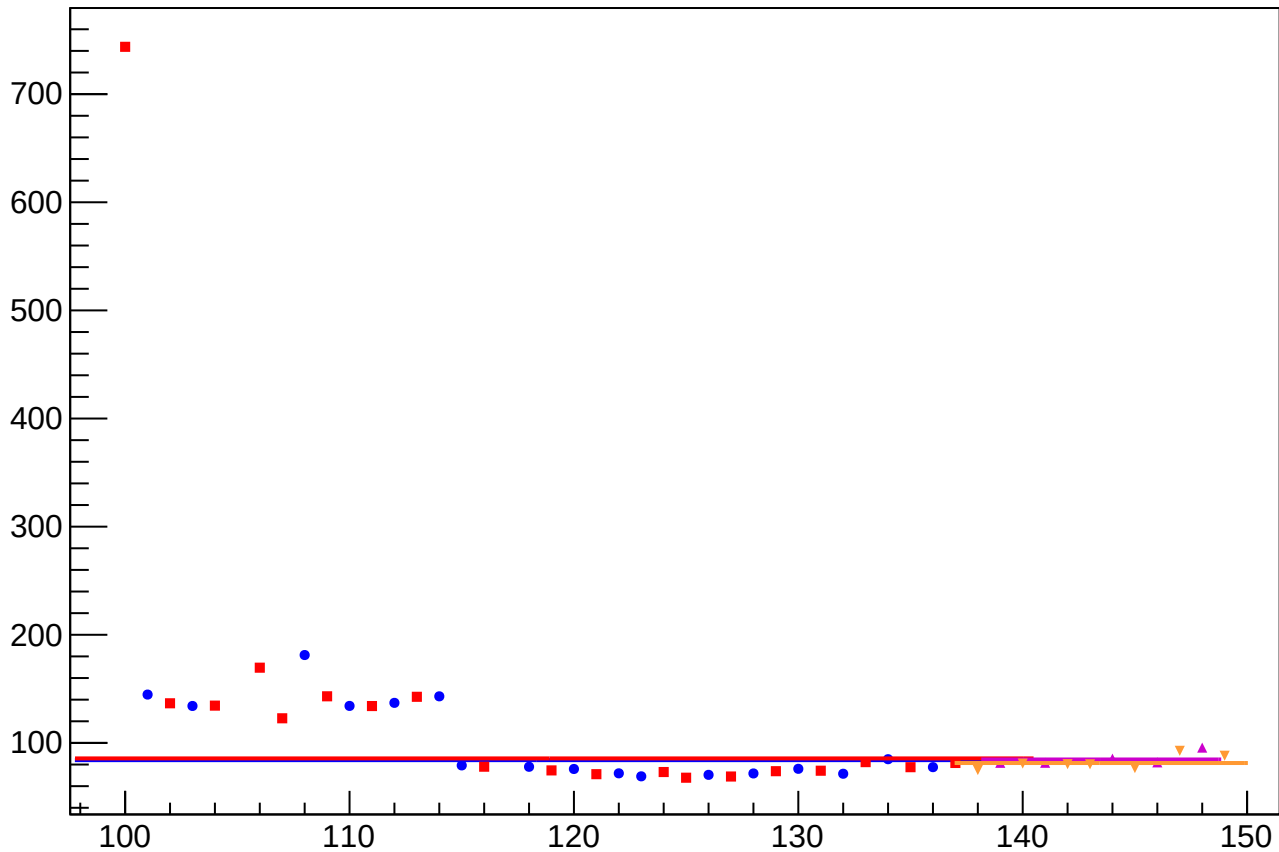
Right: 15.637 ± 23.819 χ^2/NDF : 37.0/35

In: -47.240 ± 26.236 χ^2/NDF : 33.3/21

Out: -28.942 ± 24.785 χ^2/NDF : 27.9/25

All: -37.571 ± 18.017 χ^2/NDF : 61.4/47

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.067+/-0.024 χ^2/NDF : 1005835.5/16

Left Out: 81.409+/-0.026 χ^2/NDF : 49818.2/6

Right Out: 85.667+/-0.024 χ^2/NDF : 1215221.9/18

Left In: 84.666+/-0.030 χ^2/NDF : 27779.2/4

Left: 82.820+/-0.019 χ^2/NDF : 84465.6/11

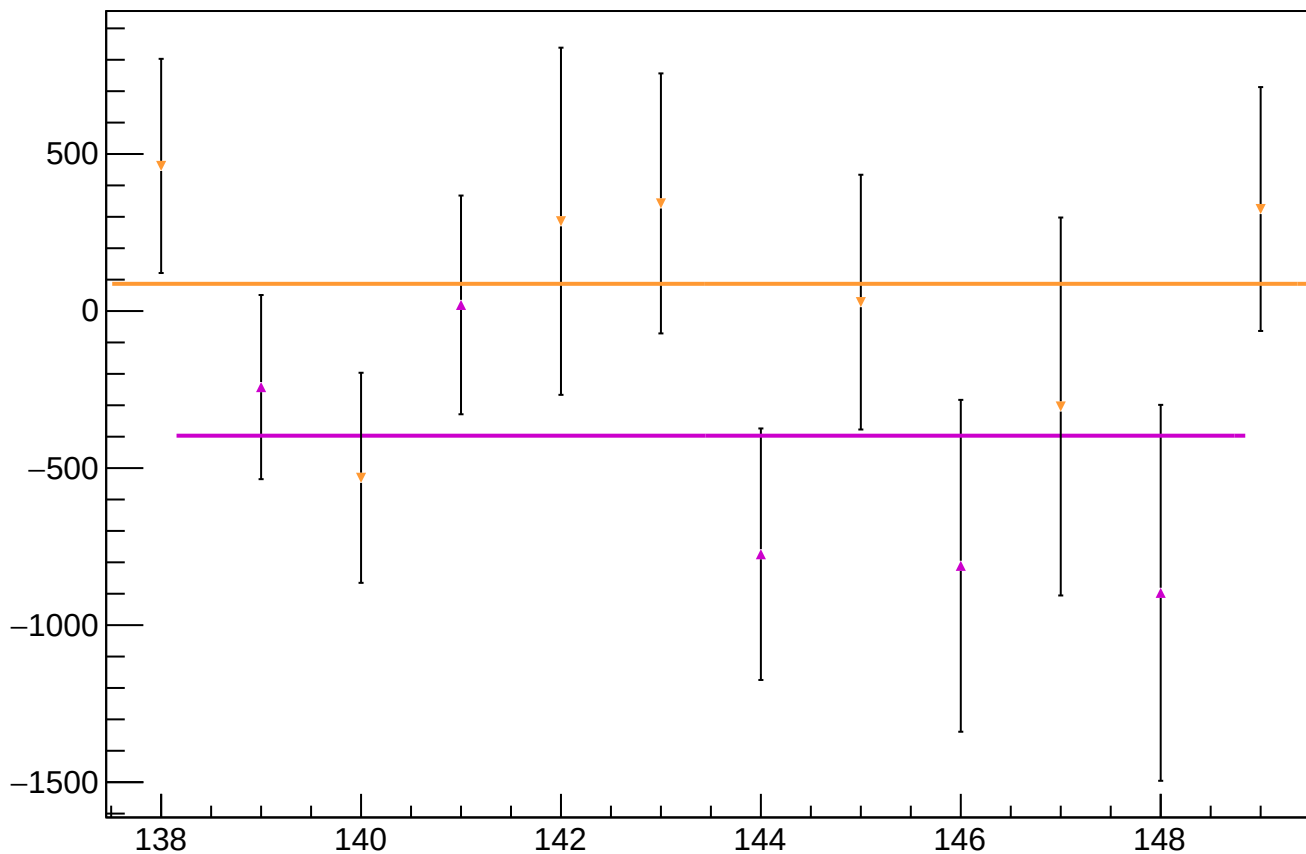
Right: 84.866+/-0.017 χ^2/NDF : 2223312.8/35

In: 84.303+/-0.019 χ^2/NDF : 1033863.8/21

Out: 83.713+/-0.018 χ^2/NDF : 1279694.6/25

All: 83.991+/-0.013 χ^2/NDF : 2314091.8/47

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 86.697 ± 154.059 $\chi^2/\text{NDF}: 6.0/6$

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

Left In: -396.820 ± 175.412 $\chi^2/\text{NDF}: 3.9/4$

Left: -123.856 ± 115.754 $\chi^2/\text{NDF}: 14.2/11$

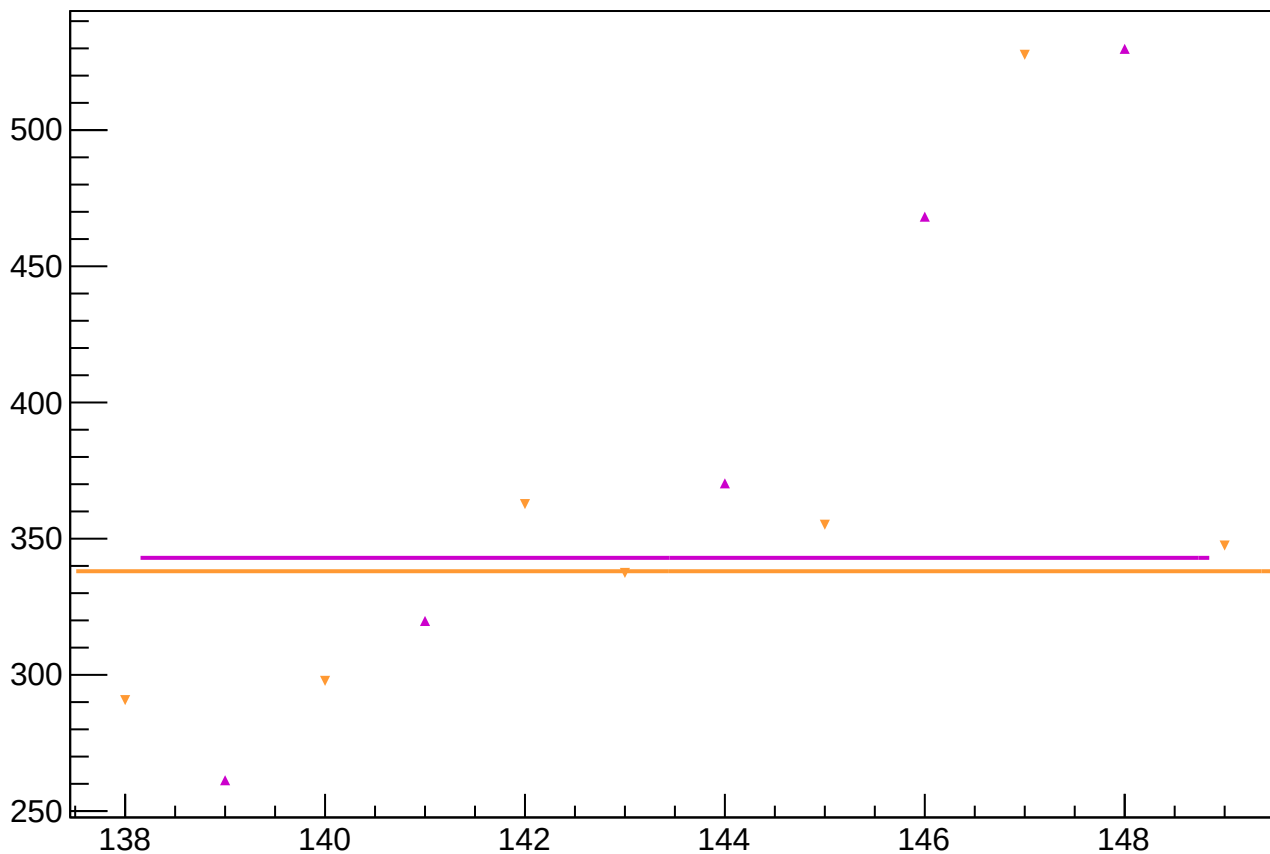
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -396.820 ± 175.412 $\chi^2/\text{NDF}: 3.9/4$

Out: 86.697 ± 154.059 $\chi^2/\text{NDF}: 6.0/6$

All: -123.856 ± 115.754 $\chi^2/\text{NDF}: 14.2/11$

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 338.050+/-0.109 χ^2/NDF : 274815.8/6

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

Left In: 342.963+/-0.124 χ^2/NDF : 480802.5/4

Left: 340.190+/-0.082 χ^2/NDF : 756504.0/11

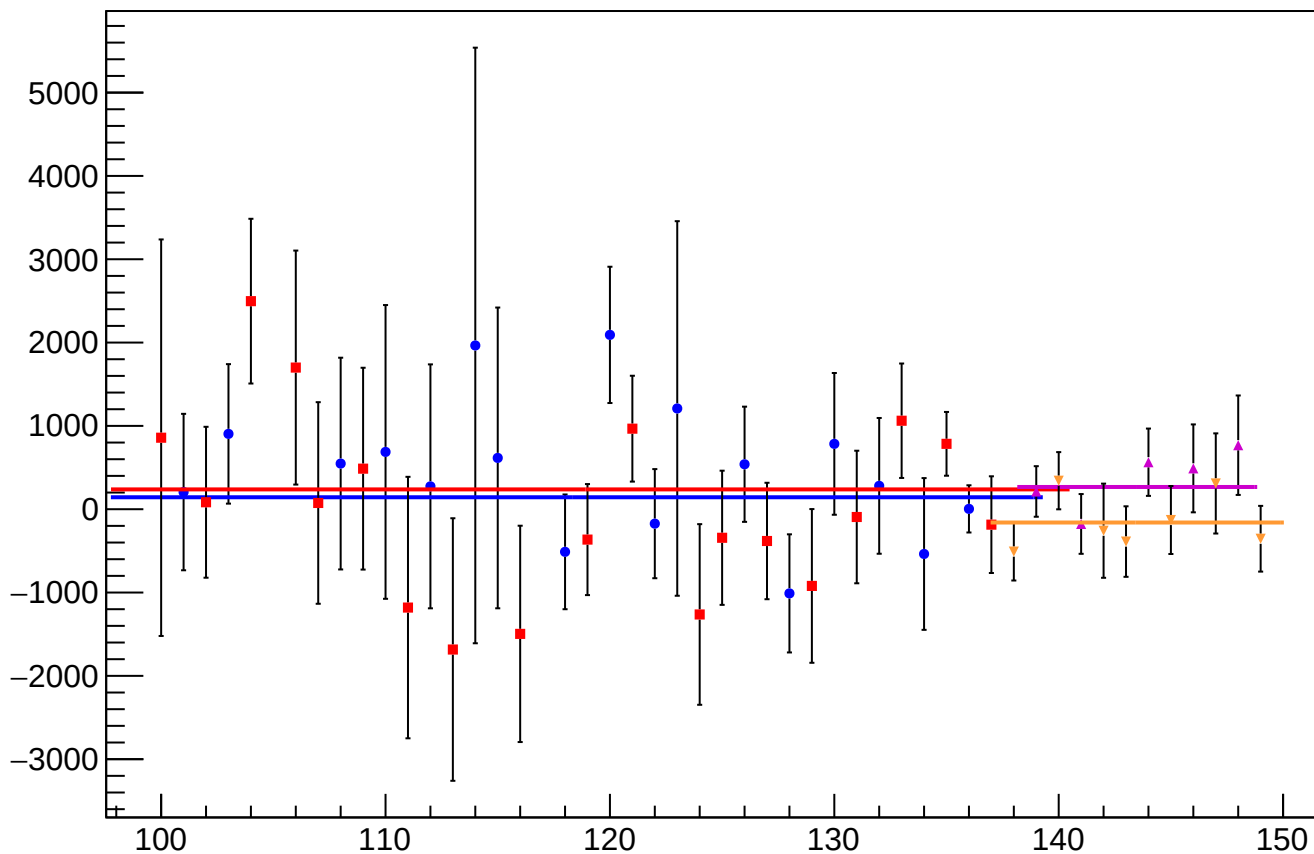
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 342.963+/-0.124 χ^2/NDF : 480802.5/4

Out: 338.050+/-0.109 χ^2/NDF : 274815.8/6

All: 340.190+/-0.082 χ^2/NDF : 756504.0/11

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -159.651 $\pm$ 156.714 χ^2 /NDF: 4.3/6

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

Left In: 266.846 $\pm$ 179.134 χ^2 /NDF: 3.0/4

Left: 25.252 $\pm$ 117.948 χ^2 /NDF: 10.5/11

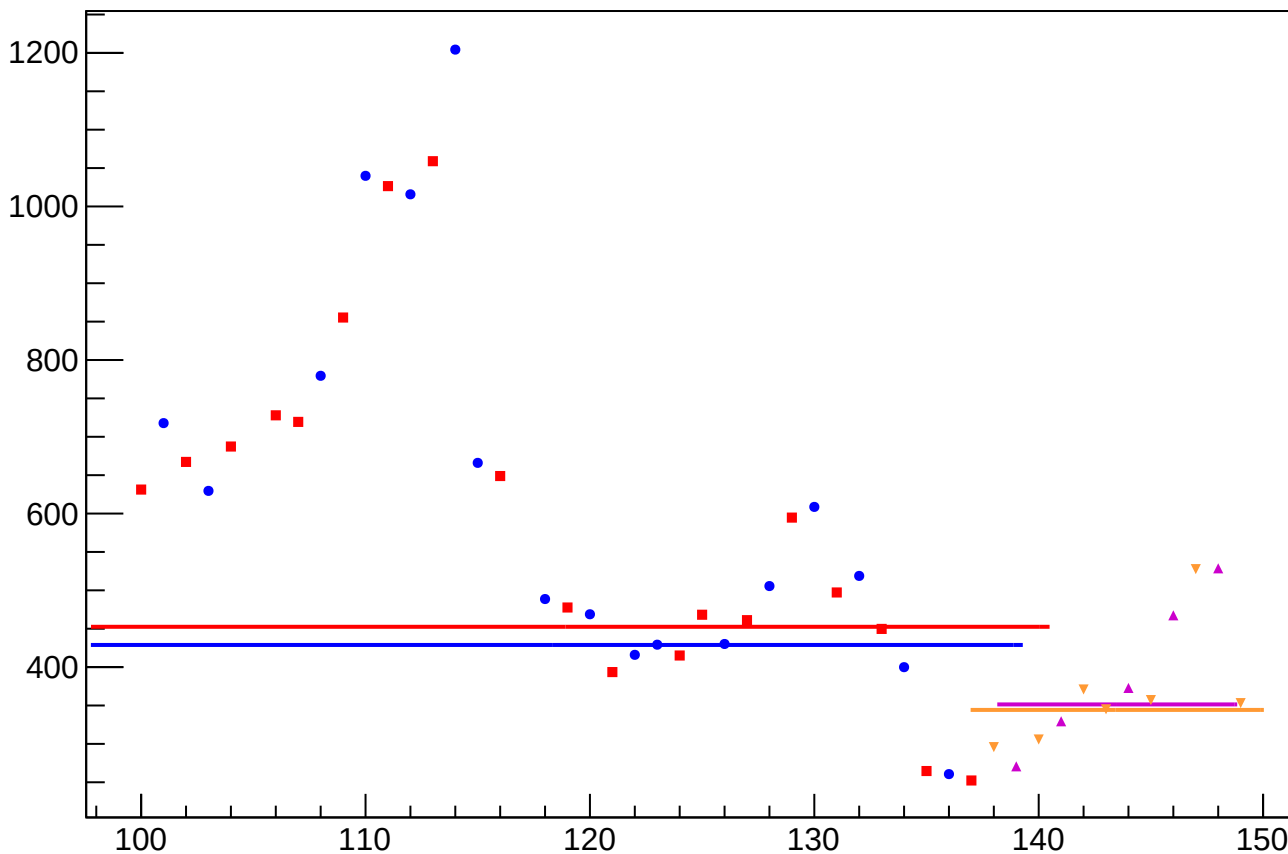
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: 205.202 $\pm$ 126.703 χ^2 /NDF: 16.0/21

Out: 7.461 $\pm$ 119.304 χ^2 /NDF: 28.7/25

All: 100.389 $\pm$ 86.859 χ^2 /NDF: 46.0/47

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 344.238 $\pm$ 0.111 χ^2 /NDF:257792.8/6

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

Left In: 351.400 $\pm$ 0.127 χ^2 /NDF:427650.9/4

Left: 347.343 $\pm$ 0.083 χ^2 /NDF: 687254.6/11

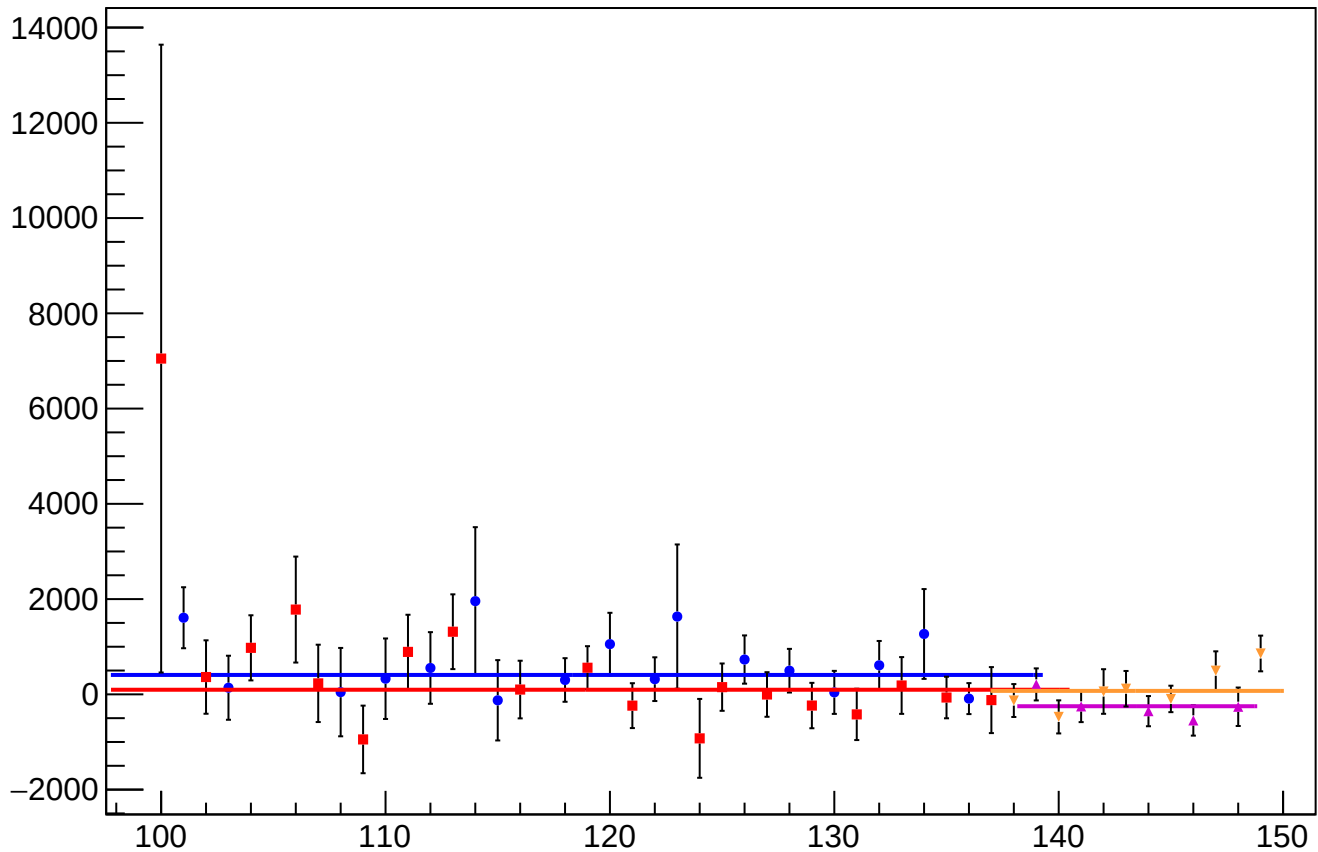
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 390.106 $\pm$ 0.090 χ^2 /NDF:2626835.3/21

Out: 389.763 $\pm$ 0.084 χ^2 /NDF:2698461.0/25

All: 389.924 $\pm$ 0.061 χ^2 /NDF: 5325304.1/47

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 407.640 $\pm$ 139.972 χ^2/NDF : 11.4/16

Left Out: 72.895 $\pm$ 135.398 χ^2/NDF : 8.7/6

Right Out: 96.852 $\pm$ 139.191 χ^2/NDF : 15.6/18

Left In: -249.408 $\pm$ 150.859 χ^2/NDF : 2.8/4

Left: -70.900 $\pm$ 100.765 χ^2/NDF : 14.0/11

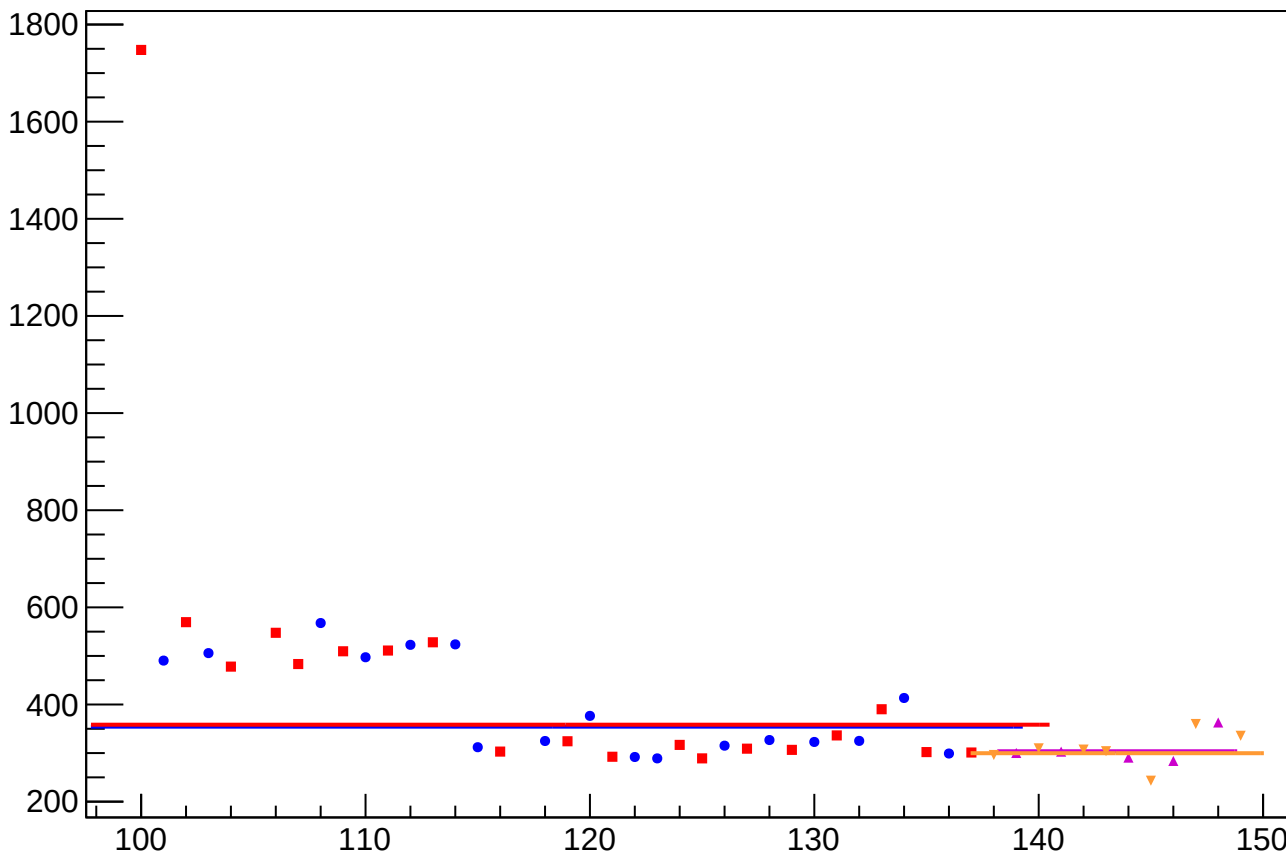
Right: 251.376 $\pm$ 98.698 χ^2/NDF : 29.5/35

In: 103.679 $\pm$ 102.608 χ^2/NDF : 24.4/21

Out: 84.542 $\pm$ 97.054 χ^2/NDF : 24.3/25

All: 93.579 $\pm$ 70.509 χ^2/NDF : 48.8/47

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 354.426 $\pm$ 0.099 χ^2/NDF : 636260.3/16

Left Out: 299.727 $\pm$ 0.096 χ^2/NDF :147761.2/6

Right Out: 358.422 $\pm$ 0.098 χ^2/NDF : 879426.8/18

Left In: 303.732 $\pm$ 0.107 χ^2/NDF :54523.7/4

Left: 301.513 $\pm$ 0.071 χ^2/NDF : 203065.6/11

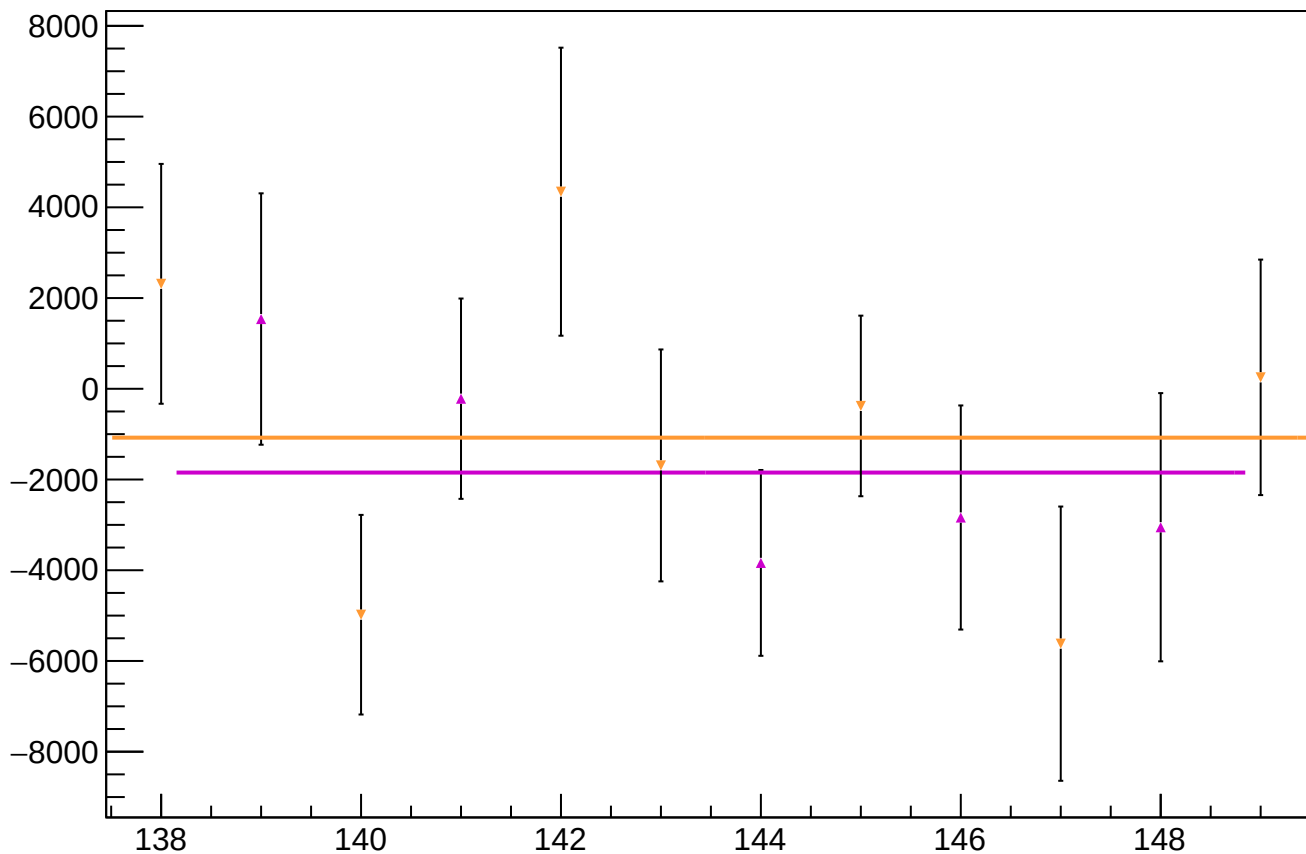
Right: 356.435 $\pm$ 0.070 χ^2/NDF : 1516506.7/35

In: 330.974 $\pm$ 0.073 χ^2/NDF :812147.3/21

Out: 328.264 $\pm$ 0.069 χ^2/NDF :1209920.2/25

All: 329.543 $\pm$ 0.050 χ^2/NDF : 2022803.9/47

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1077.361+/-948.217 χ^2/NDF :10.4/6

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

Left In: -1846.991+/-1083.358 χ^2/NDF :3.3/4

Left: -1411.206+/-713.515 χ^2/NDF : 14.0/11

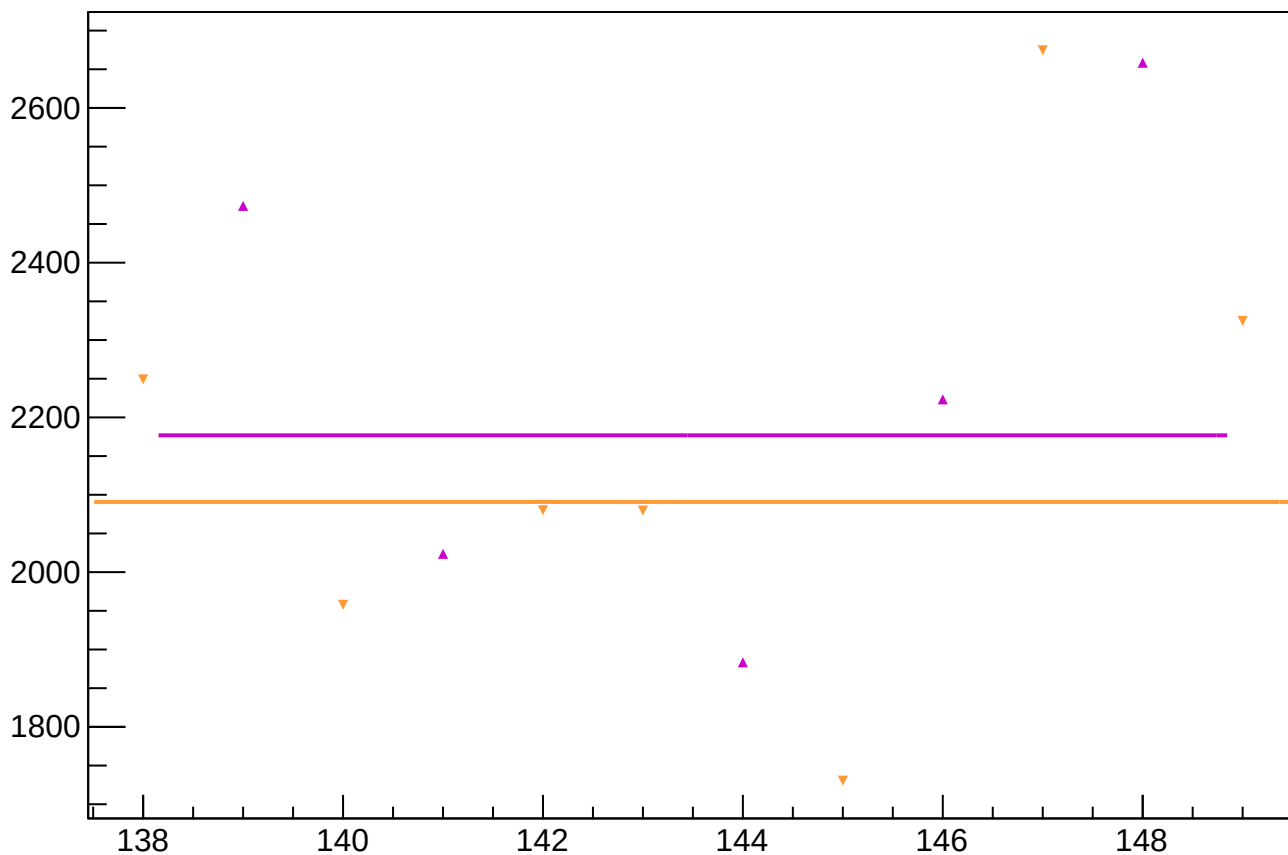
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1846.991+/-1083.358 χ^2/NDF :3.3/4

Out: -1077.361+/-948.217 χ^2/NDF :10.4/6

All: -1411.206+/-713.515 χ^2/NDF : 14.0/11

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2090.778+/-0.670 χ^2/NDF :170935.5/6

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

Left In: 2176.855+/-0.766 χ^2/NDF :127374.6/4

Left: 2128.116+/-0.505 χ^2/NDF : 305459.1/11

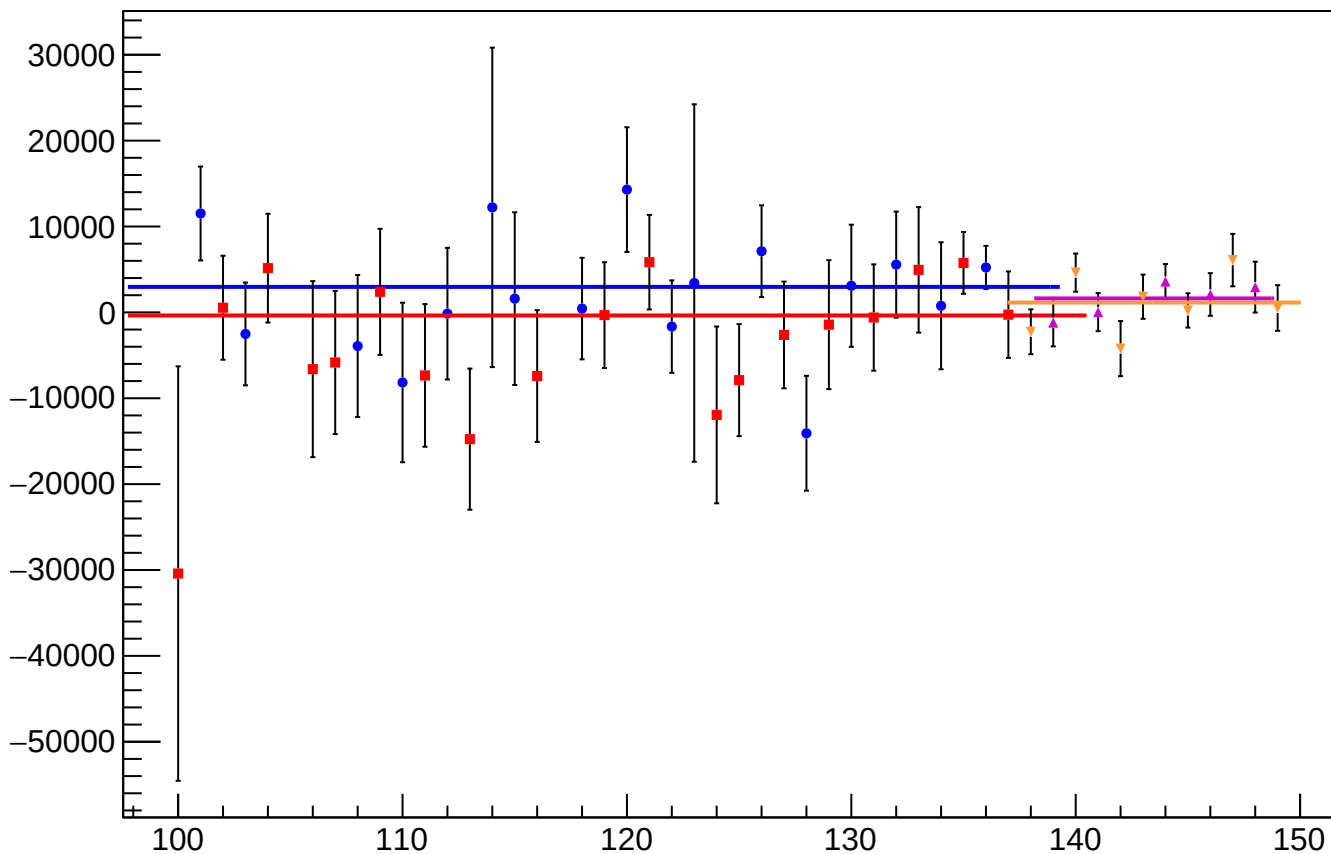
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2176.855+/-0.766 χ^2/NDF :127374.6/4

Out: 2090.778+/-0.670 χ^2/NDF :170935.5/6

All: 2128.116+/-0.505 χ^2/NDF : 305459.1/11

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 1146.552+/-955.053 χ^2/NDF : 9.9/6

Right Out: -358.685+/-1507.064 χ^2/NDF : 15.3/18

Left In: 1625.818+/-1086.089 χ^2/NDF : 2.7/4

Left: 1355.544+/-717.202 χ^2/NDF : 12.7/11

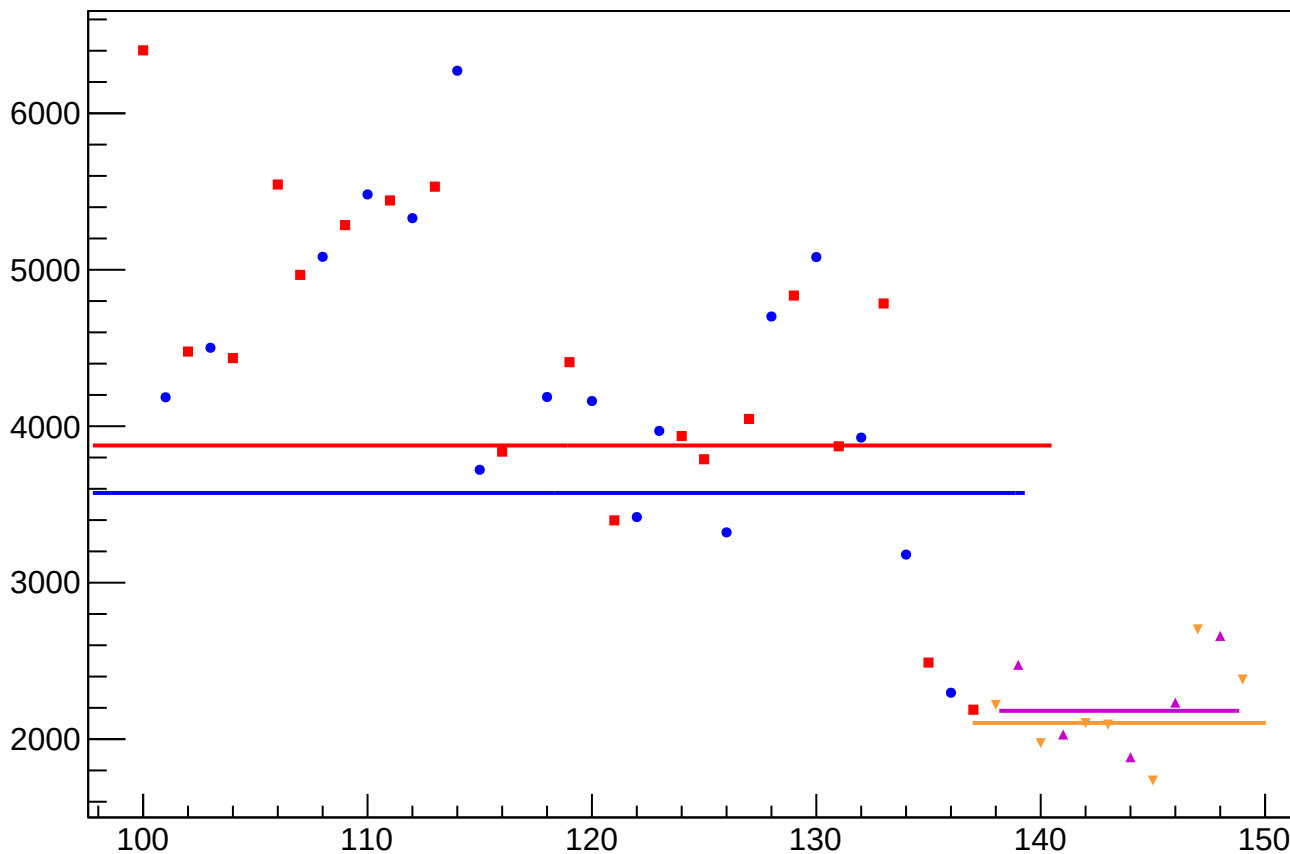
Right: 1380.346+/-1041.320 χ^2/NDF : 35.3/35

In: 2112.683+/-867.215 χ^2/NDF : 20.6/21

Out: 715.259+/-806.707 χ^2/NDF : 26.0/25

All: 1363.524+/-590.662 χ^2/NDF : 48.0/47

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470 ± 1.019 $\chi^2/\text{NDF}: 1088731.5/16$

Left Out: 2103.572 ± 0.675 $\chi^2/\text{NDF}: 177156.0/6$

Right Out: 3876.914 ± 1.066 $\chi^2/\text{NDF}: 988409.8/18$

Left In: 2181.155 ± 0.768 $\chi^2/\text{NDF}: 126921.7/4$

Left: 2137.403 ± 0.507 $\chi^2/\text{NDF}: 309833.0/11$

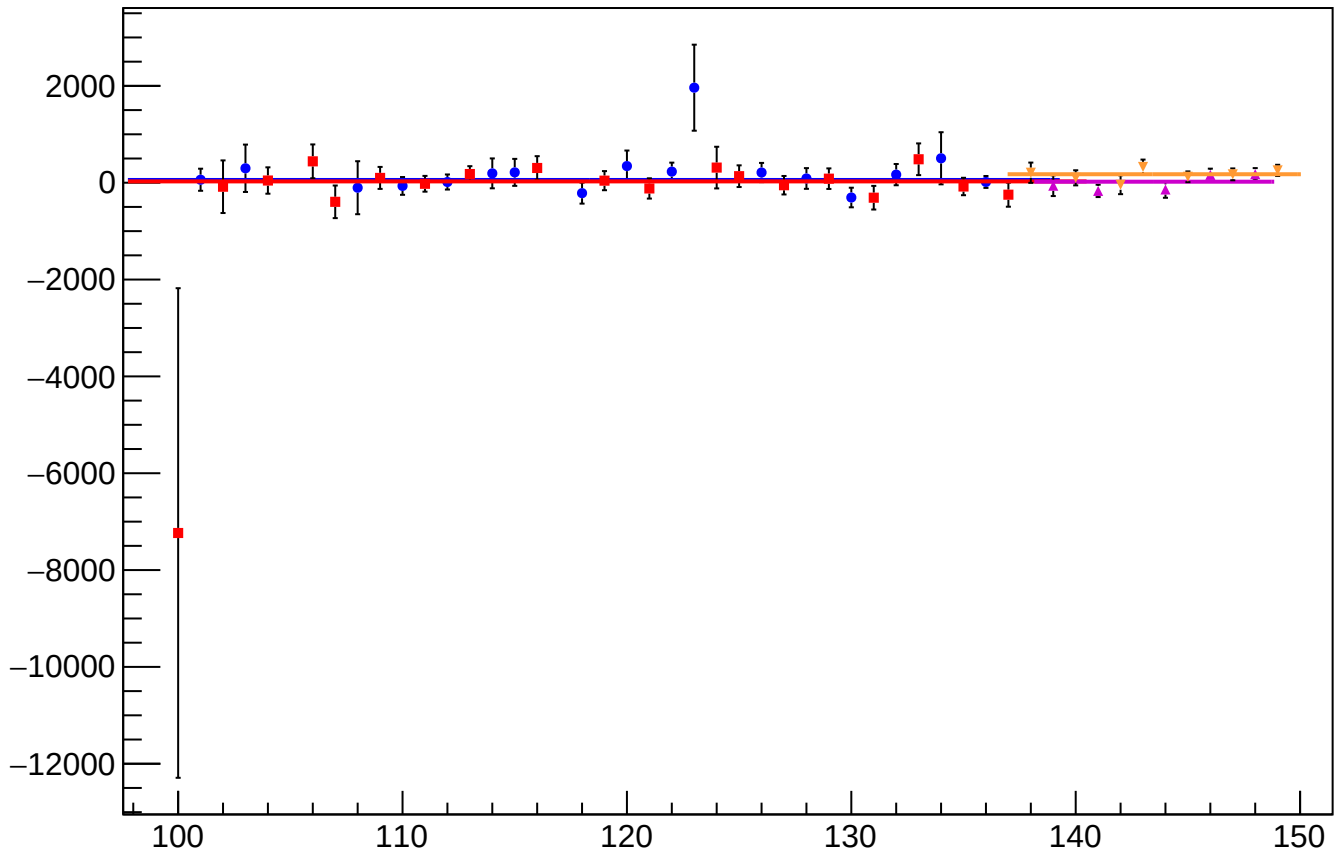
Right: 3718.342 ± 0.736 $\chi^2/\text{NDF}: 2119512.7/35$

In: 2685.783 ± 0.613 $\chi^2/\text{NDF}: 2406914.8/21$

Out: 2611.685 ± 0.570 $\chi^2/\text{NDF}: 3141298.5/25$

All: 2646.059 ± 0.418 $\chi^2/\text{NDF}: 5556041.1/47$

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 56.595+/-53.880 χ^2/NDF : 14.1/16

Left Out: 175.189+/-53.022 χ^2/NDF : 3.2/6

Right Out: 27.299+/-54.033 χ^2/NDF : 14.3/18

Left In: 20.795+/-64.189 χ^2/NDF : 6.0/4

Left: 112.570+/-40.879 χ^2/NDF : 12.6/11

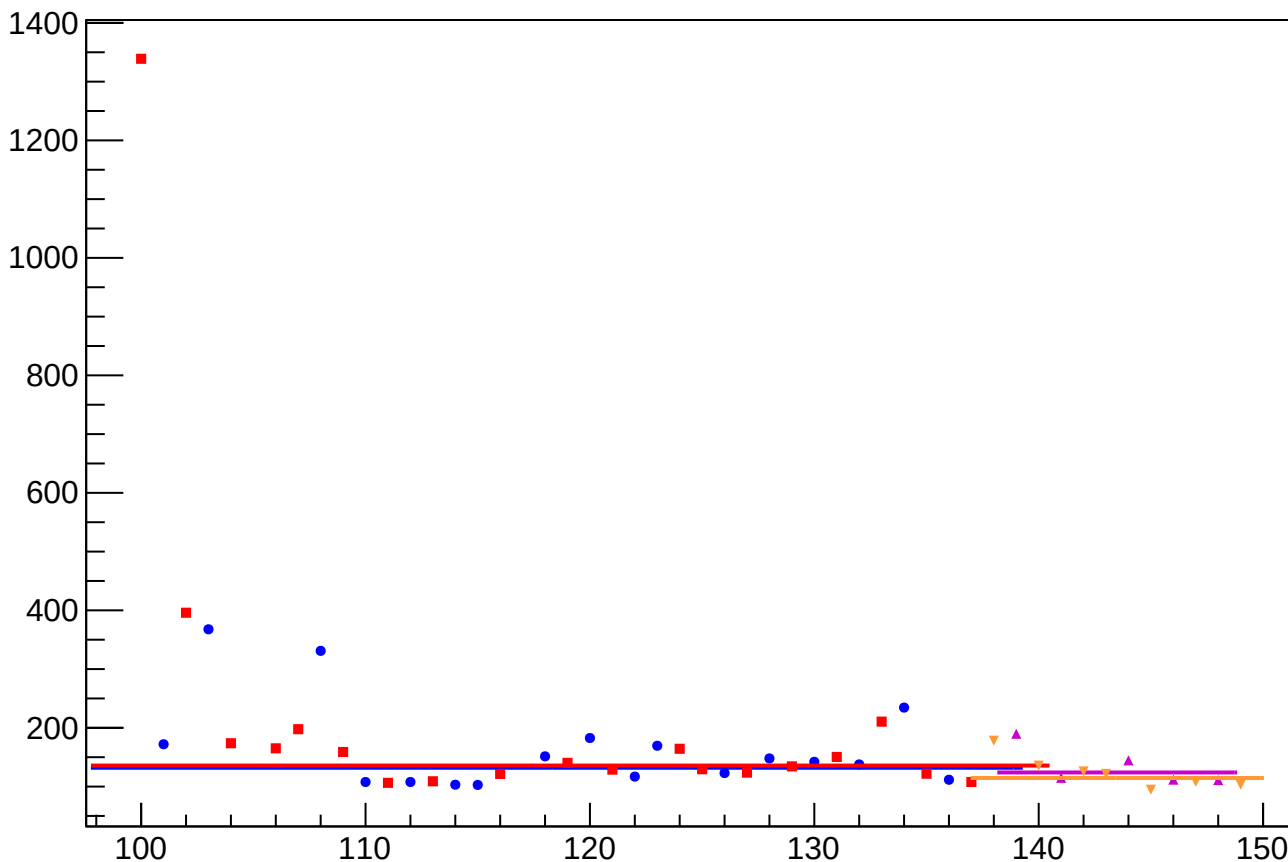
Right: 41.988+/-38.153 χ^2/NDF : 28.5/35

In: 41.797+/-41.269 χ^2/NDF : 20.3/21

Out: 102.640+/-37.844 χ^2/NDF : 21.2/25

All: 74.847+/-27.892 χ^2/NDF : 42.7/47

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 132.104+/-0.038 χ^2/NDF : 1144612.1/16

Left Out: 114.583+/-0.037 χ^2/NDF : 320785.3/6

Right Out: 135.773+/-0.038 χ^2/NDF : 1009635.6/18

Left In: 124.012+/-0.045 χ^2/NDF : 268070.9/4

Left: 118.407+/-0.029 χ^2/NDF : 614504.0/11

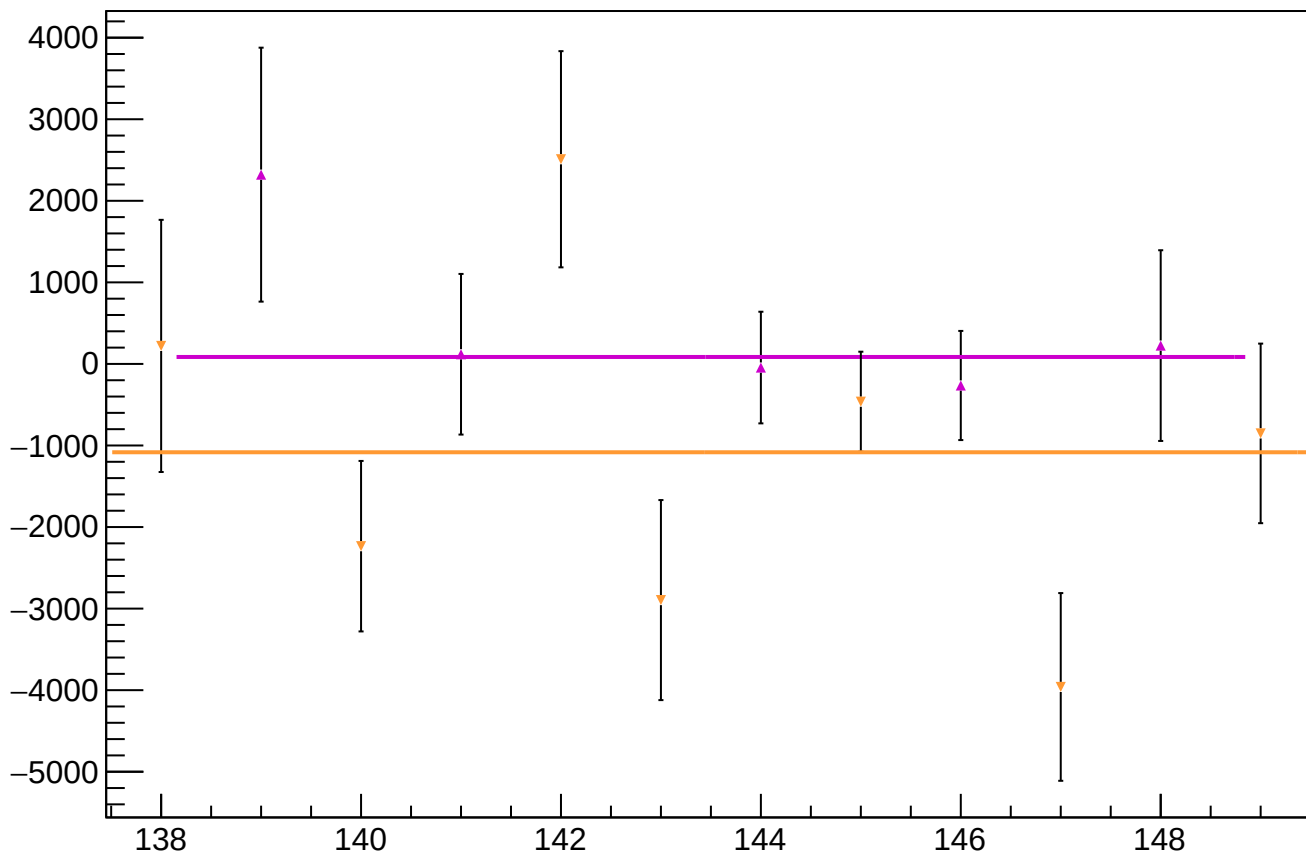
Right: 133.933+/-0.027 χ^2/NDF : 2158872.4/35

In: 128.759+/-0.029 χ^2/NDF : 1431329.8/21

Out: 124.978+/-0.027 χ^2/NDF : 1487115.3/25

All: 126.705+/-0.020 χ^2/NDF : 2927563.1/47

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1083.106+/-383.183 χ^2/NDF :18.8/6

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

Left In: 85.304+/-390.917 χ^2/NDF :2.4/4

Left: -510.572+/-273.645 χ^2/NDF : 25.7/11

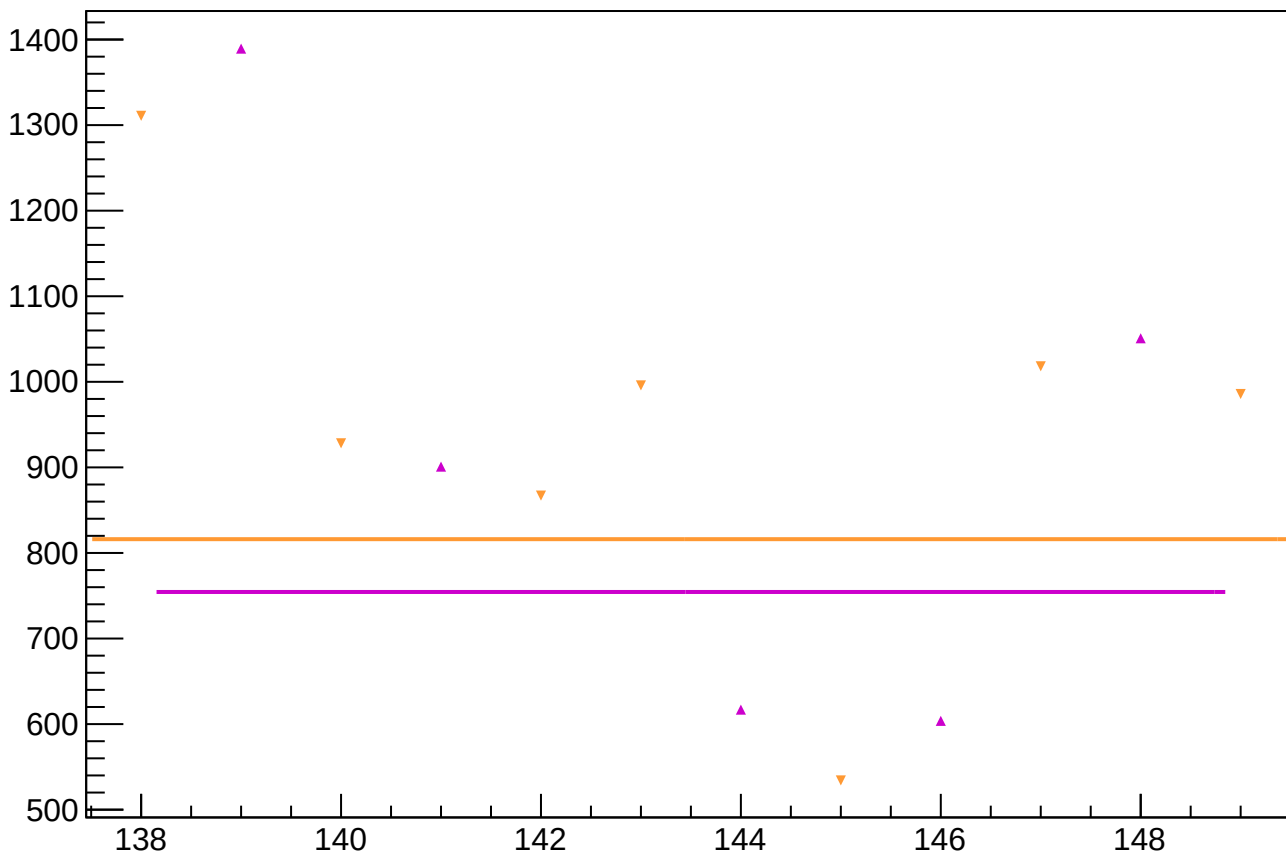
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.304+/-390.917 χ^2/NDF :2.4/4

Out: -1083.106+/-383.183 χ^2/NDF :18.8/6

All: -510.572+/-273.645 χ^2/NDF : 25.7/11

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 816.114+/-0.271 χ^2/NDF :806095.1/6

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

Left In: 754.406+/-0.276 χ^2/NDF :687603.7/4

Left: 785.876+/-0.193 χ^2/NDF : 1519115.1/11

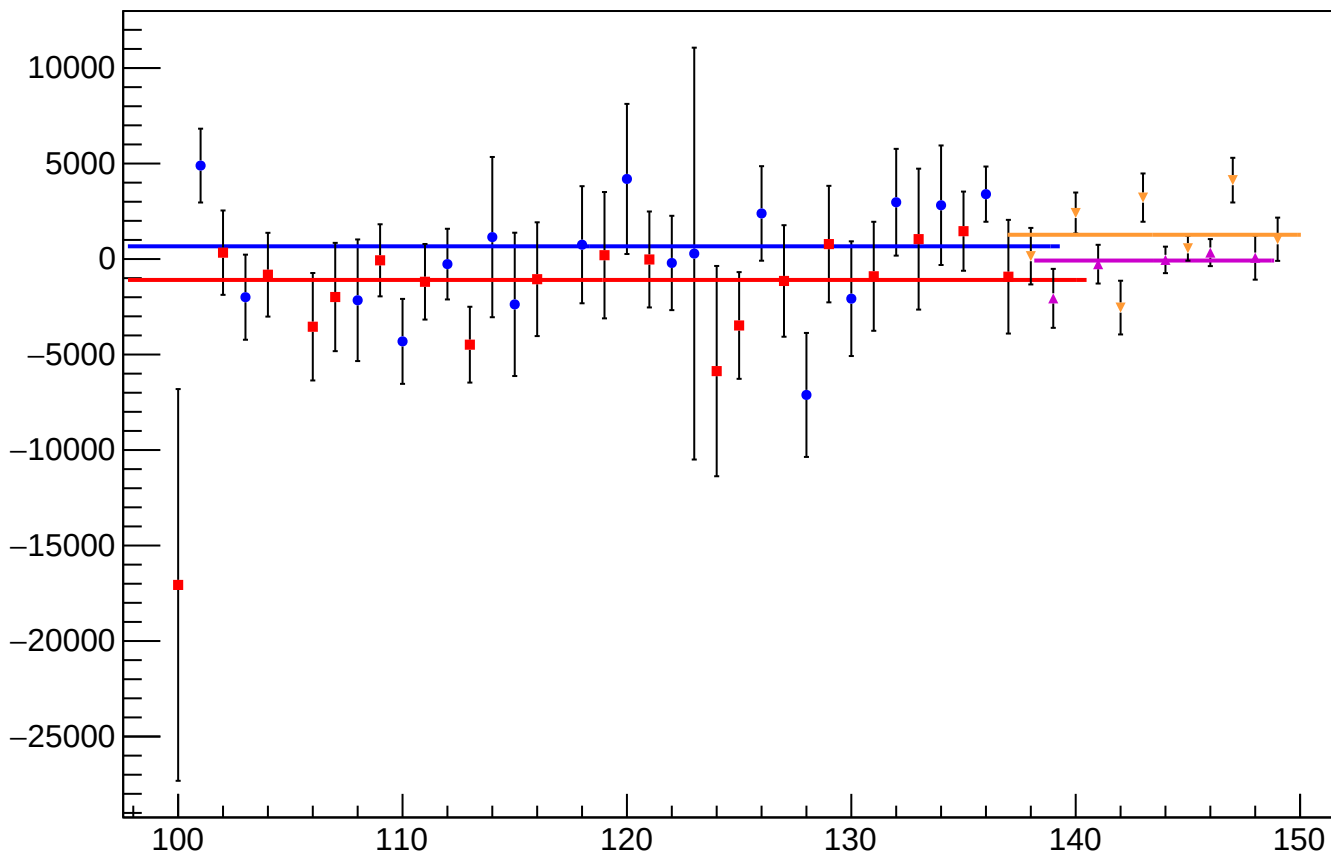
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 754.406+/-0.276 χ^2/NDF :687603.7/4

Out: 816.114+/-0.271 χ^2/NDF :806095.1/6

All: 785.876+/-0.193 χ^2/NDF : 1519115.1/11

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1270.881+/-397.324 χ^2/NDF : 18.6/6

Right Out: -1094.278+/-602.639 χ^2/NDF : 11.0/18

Left In: -78.757+/-400.963 χ^2/NDF : 2.0/4

Left: 602.214+/-282.229 χ^2/NDF : 26.4/11

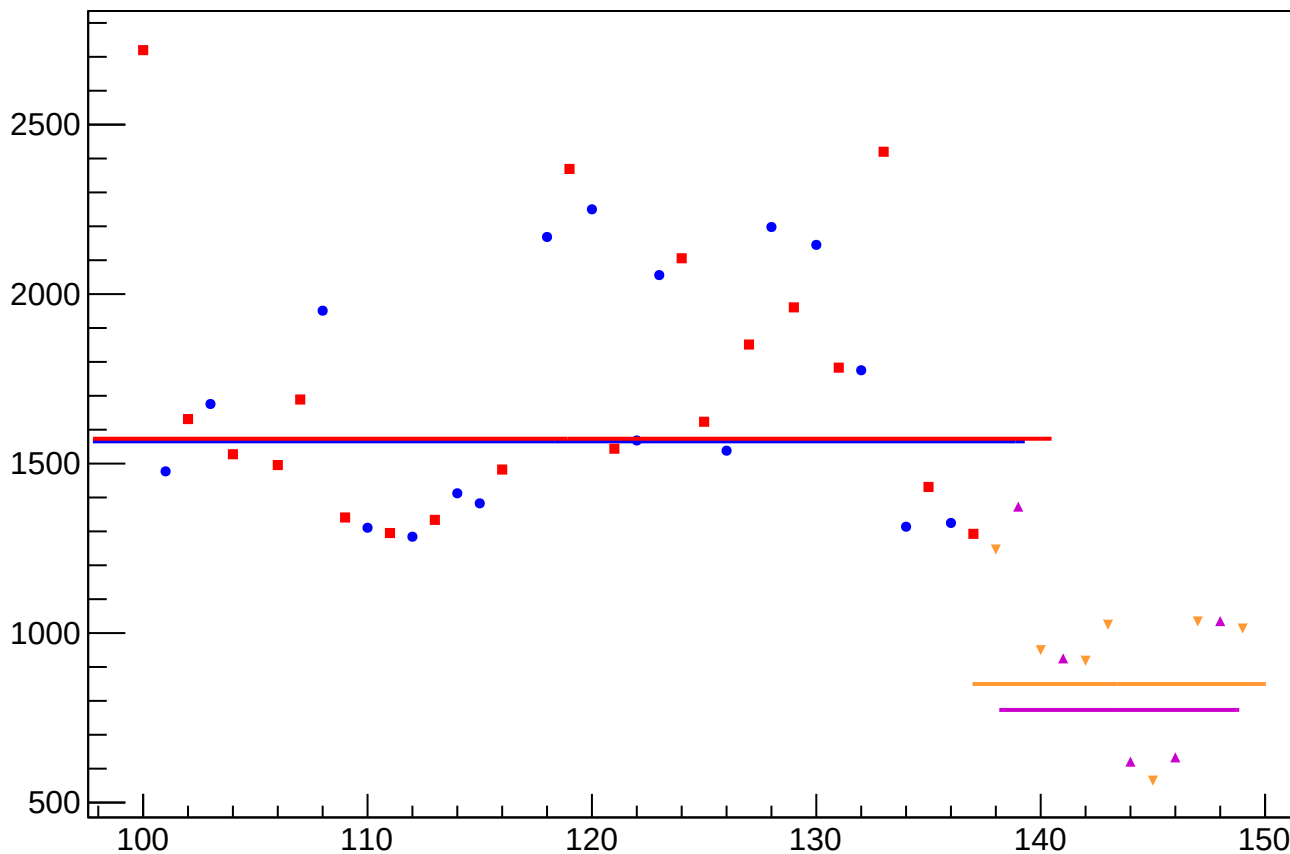
Right: -237.260+/-431.744 χ^2/NDF : 40.8/35

In: 141.587+/-336.503 χ^2/NDF : 28.7/21

Out: 554.277+/-331.716 χ^2/NDF : 40.4/25

All: 350.888+/-236.233 χ^2/NDF : 69.8/47

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 849.743 $\pm$ 0.281 χ^2 /NDF: 680069.6/6

Right Out: 1573.366 $\pm$ 0.426 χ^2 /NDF: 462040.3/18

Left In: 773.284 $\pm$ 0.284 χ^2 /NDF: 625196.3/4

Left: 811.862 $\pm$ 0.200 χ^2 /NDF: 1341959.6/11

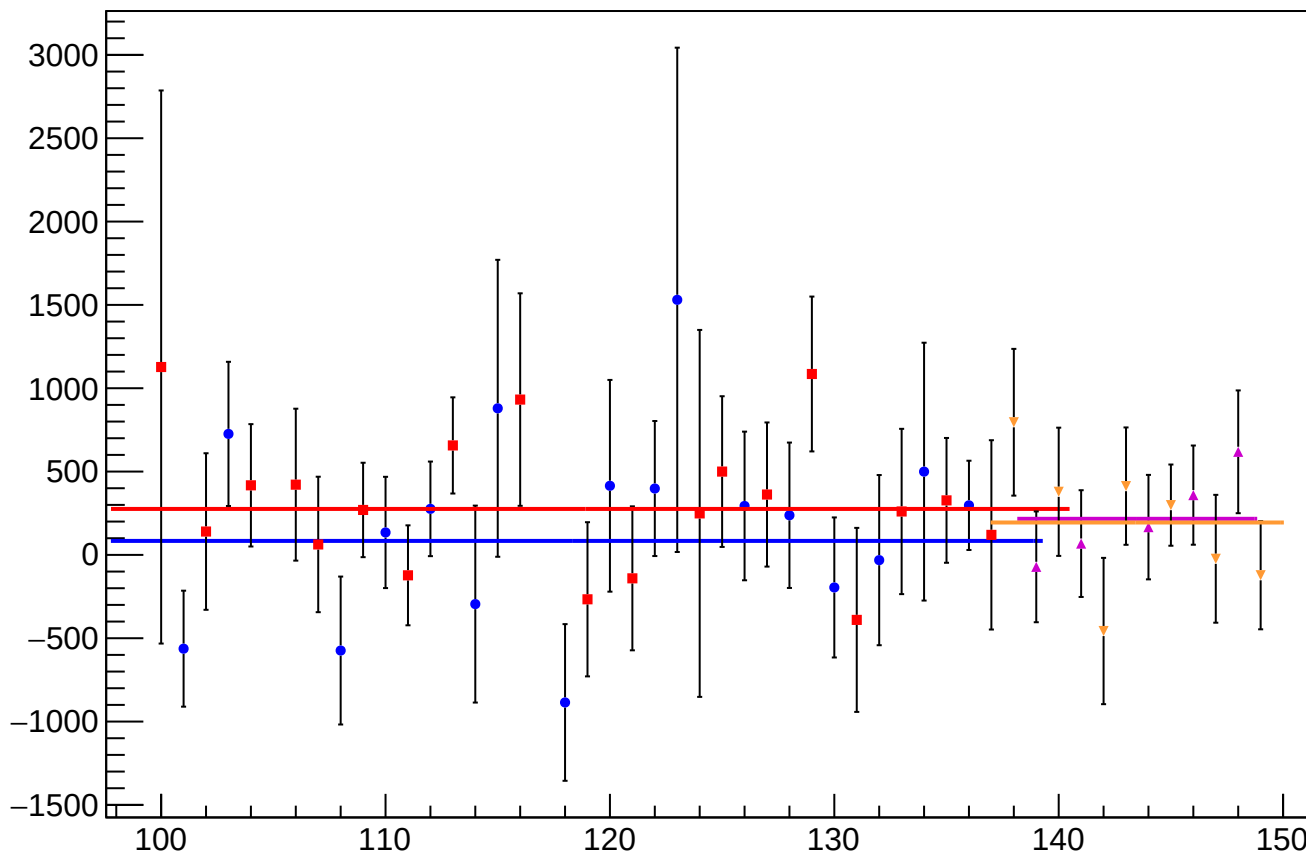
Right: 1569.597 $\pm$ 0.305 χ^2 /NDF: 952991.2/35

In: 1007.563 $\pm$ 0.238 χ^2 /NDF: 3425210.8/21

Out: 1068.988 $\pm$ 0.235 χ^2 /NDF: 3152048.6/25

All: 1038.716 $\pm$ 0.167 χ^2 /NDF: 6611057.7/47

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 83.935 $\pm$ 103.619 χ^2/NDF : 17.3/16

Left Out: 194.417 $\pm$ 130.953 χ^2/NDF : 6.1/6

Right Out: 275.803 $\pm$ 97.798 χ^2/NDF : 12.6/18

Left In: 216.541 $\pm$ 144.879 χ^2/NDF : 2.4/4

Left: 204.365 $\pm$ 97.149 χ^2/NDF : 8.6/11

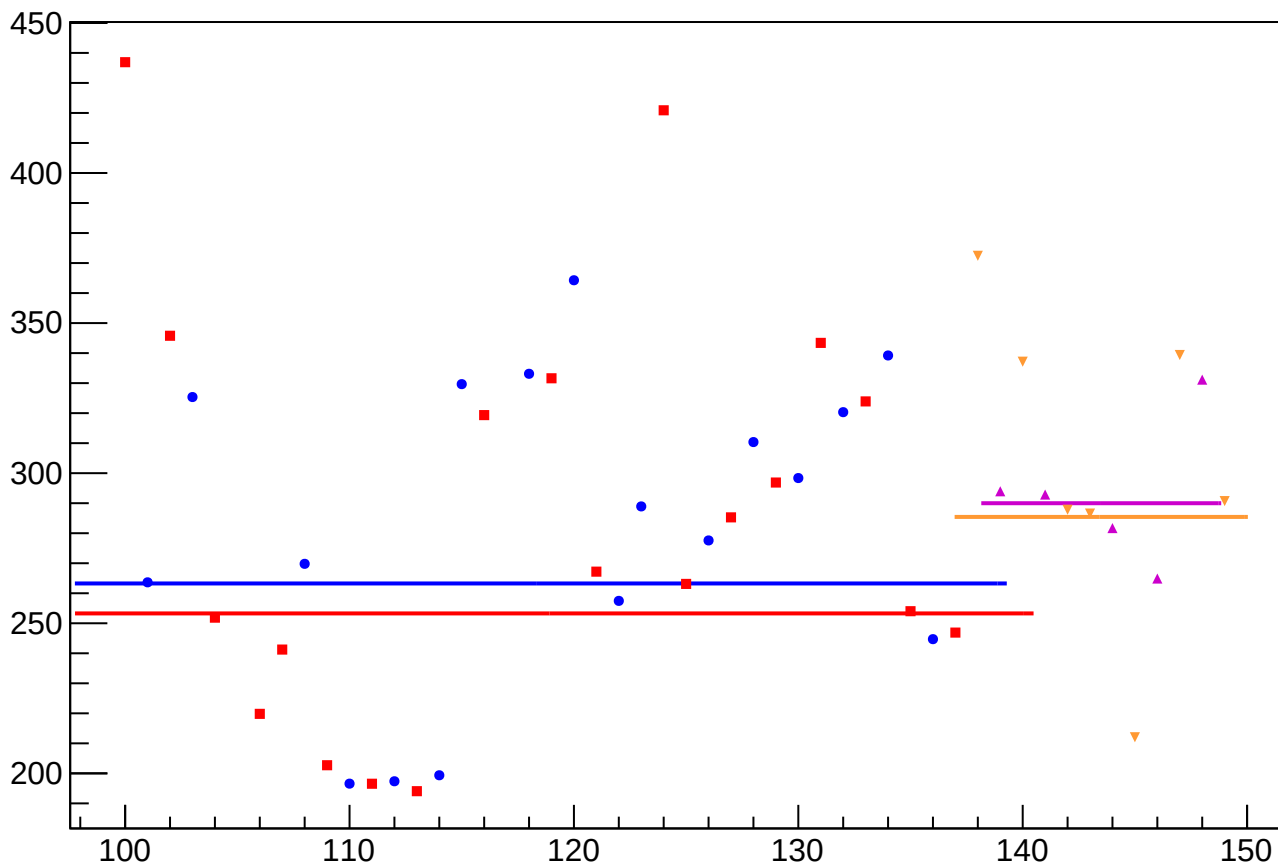
Right: 185.409 $\pm$ 71.122 χ^2/NDF : 31.8/35

In: 128.811 $\pm$ 84.281 χ^2/NDF : 20.3/21

Out: 246.664 $\pm$ 78.358 χ^2/NDF : 19.0/25

All: 192.023 $\pm$ 57.387 χ^2/NDF : 40.4/47

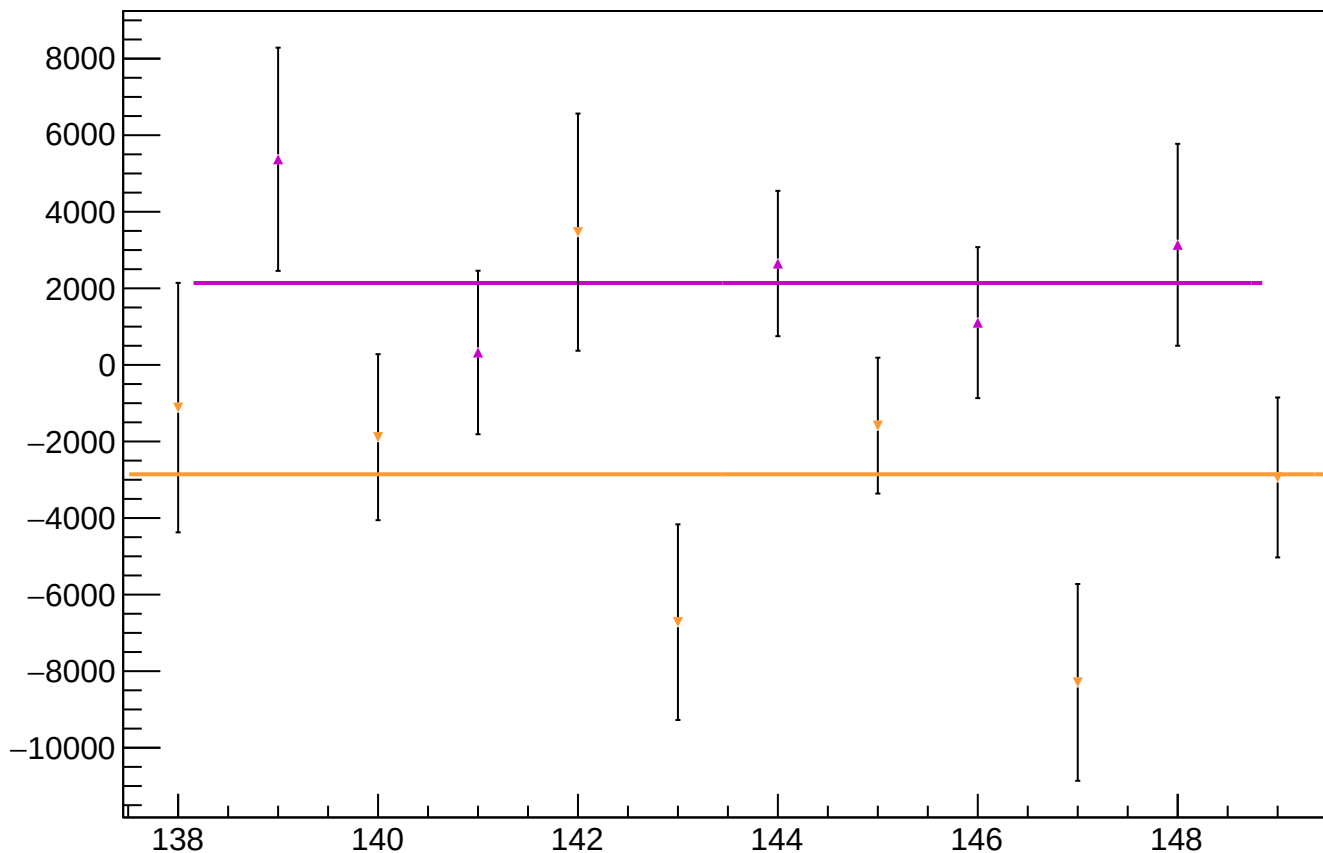
dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 263.262 ± 0.073 χ^2/NDF : 452757.7/16
 Left Out: 285.429 ± 0.093 χ^2/NDF : 335903.2/6
 Right Out: 253.283 ± 0.069 χ^2/NDF : 585121.8/18
 Left In: 289.993 ± 0.102 χ^2/NDF : 41040.4/4

Left: 287.481 ± 0.069 χ^2/NDF : 378036.1/11
 Right: 257.985 ± 0.050 χ^2/NDF : 1047690.7/35
 In: 272.309 ± 0.060 χ^2/NDF : 538841.8/21
 Out: 264.793 ± 0.055 χ^2/NDF : 998392.9/25
 All: 268.277 ± 0.041 χ^2/NDF : 1545765.7/47

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2857.517+/-890.047 χ^2/NDF :11.9/6

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

Left In: 2140.071+/-992.400 χ^2/NDF :2.4/4

Left: -629.653+/-662.599 χ^2/NDF : 28.4/11

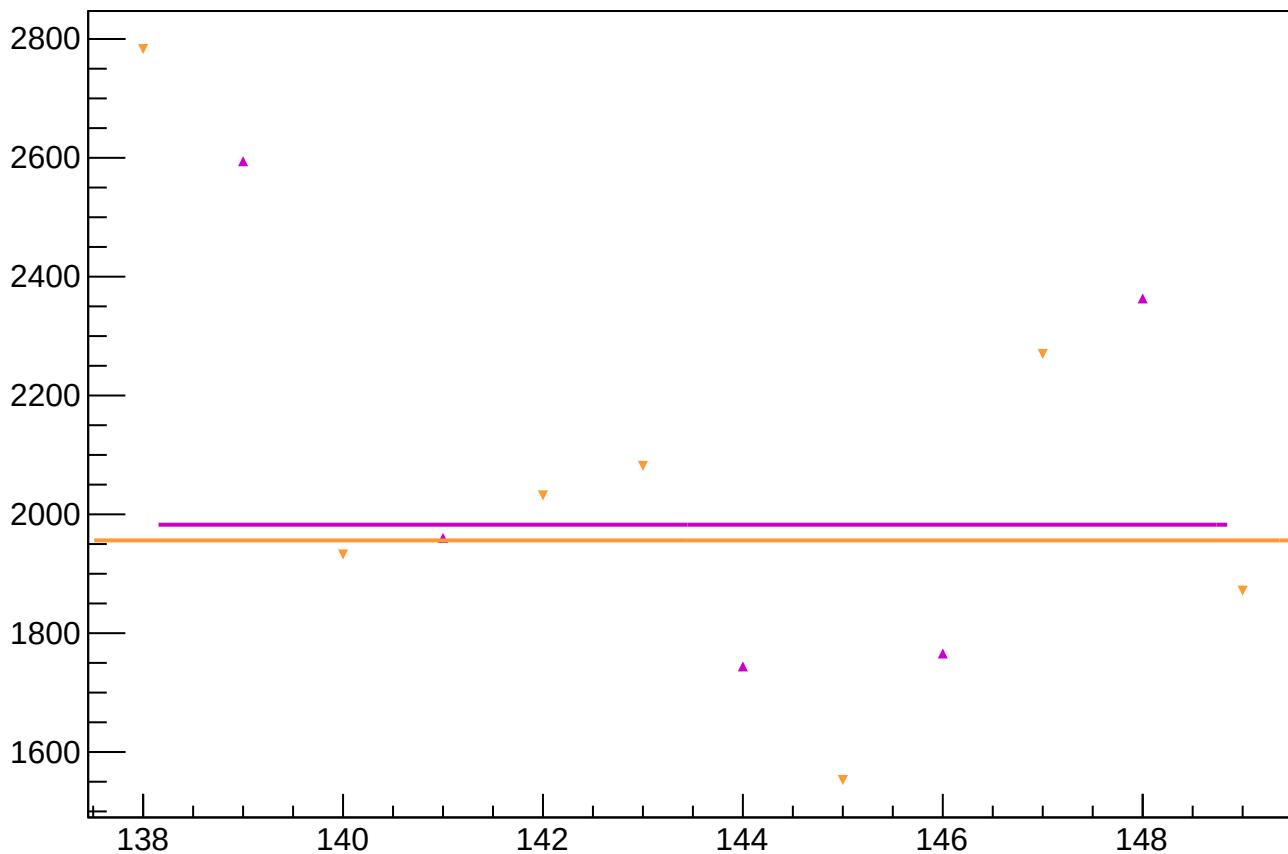
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2140.071+/-992.400 χ^2/NDF :2.4/4

Out: -2857.517+/-890.047 χ^2/NDF :11.9/6

All: -629.653+/-662.599 χ^2/NDF : 28.4/11

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 1956.109+/-0.629 χ^2/NDF :271475.6/6

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

Left In: 1982.560+/-0.702 χ^2/NDF :185726.0/4

Left: 1967.901+/-0.469 χ^2/NDF : 457989.1/11

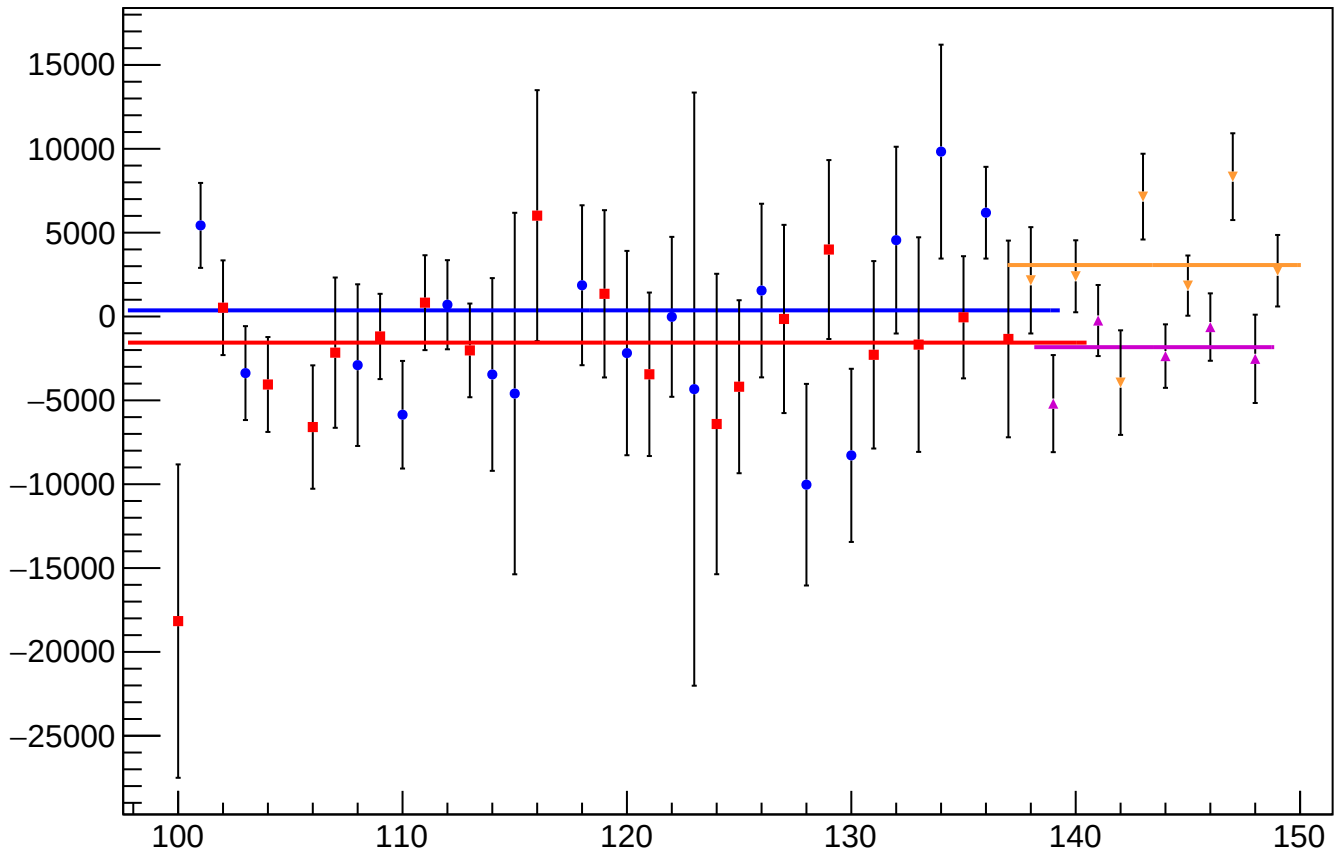
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1982.560+/-0.702 χ^2/NDF :185726.0/4

Out: 1956.109+/-0.629 χ^2/NDF :271475.6/6

All: 1967.901+/-0.469 χ^2/NDF : 457989.1/11

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 3068.500+/-893.730 χ^2/NDF :12.4/6

Right Out: -1557.388+/-924.003 χ^2/NDF : 10.5/18

Left In: -1827.923+/-993.760 χ^2/NDF :2.4/4

Left: 879.052+/-664.522 χ^2/NDF : 28.3/11

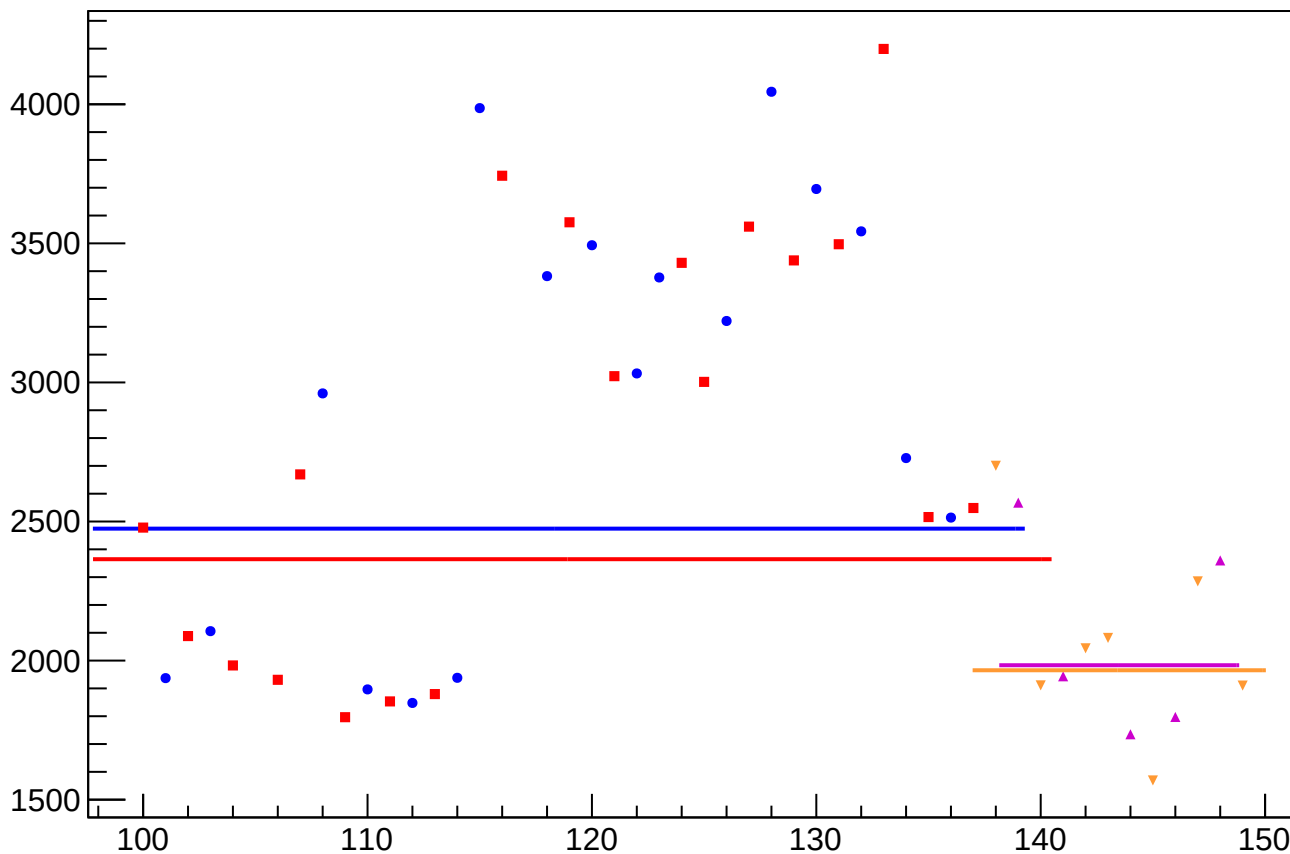
Right: -664.120+/-676.282 χ^2/NDF : 36.7/35

In: -729.321+/-702.241 χ^2/NDF :29.0/21

Out: 832.573+/-642.398 χ^2/NDF :35.9/25

All: 121.001+/-473.991 χ^2/NDF : 67.6/47

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 1965.218+/-0.632 χ^2/NDF : 243468.5/6

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

Left In: 1983.321+/-0.703 χ^2/NDF : 174660.7/4

Left: 1973.312+/-0.470 χ^2/NDF : 418496.1/11

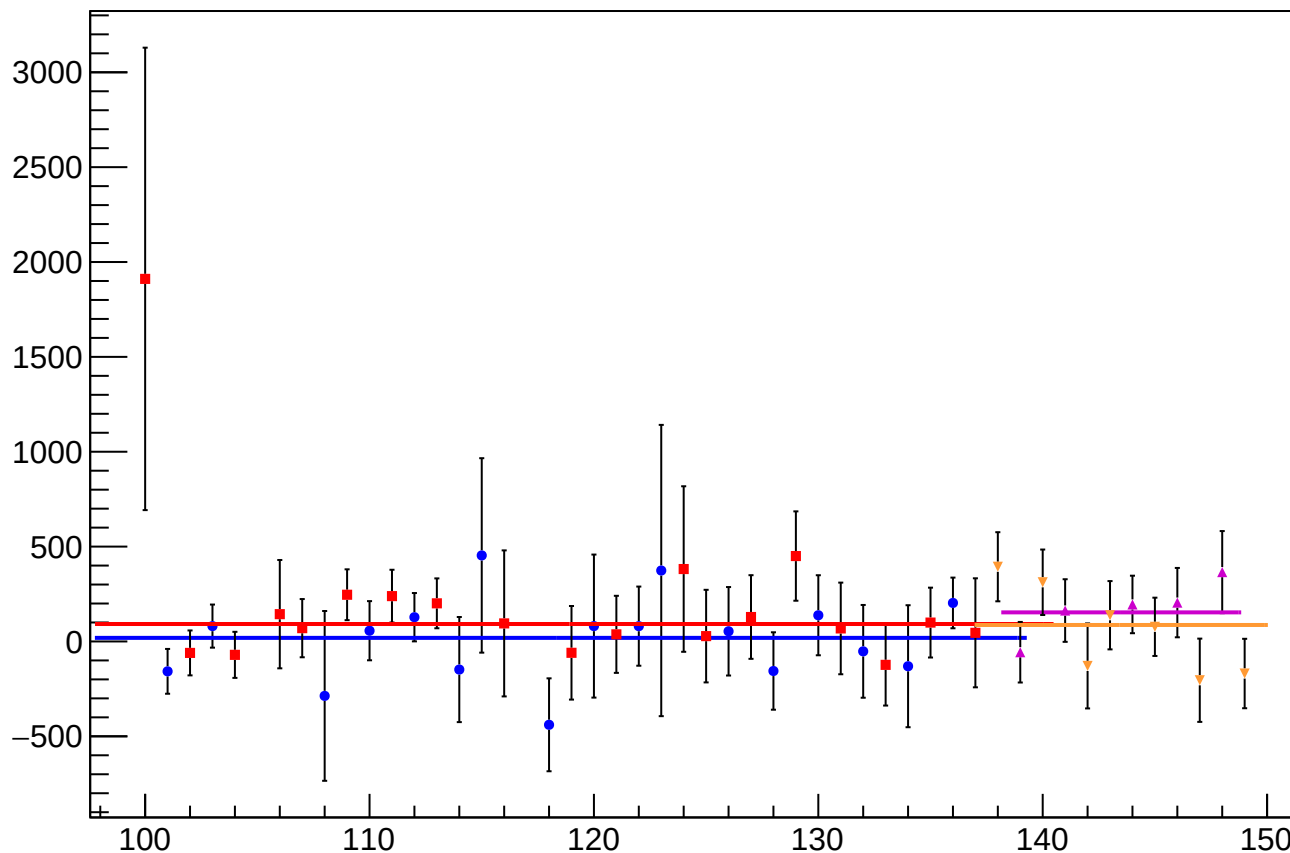
Right: 2415.527+/-0.478 χ^2/NDF : 1942797.3/35

In: 2229.171+/-0.497 χ^2/NDF : 1325423.3/21

Out: 2158.215+/-0.454 χ^2/NDF : 1459826.0/25

All: 2190.541+/-0.335 χ^2/NDF : 2796365.9/47

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 18.930+/-46.147 χ^2/NDF : 12.0/16

Left Out: 86.870+/-69.410 χ^2/NDF : 9.3/6

Right Out: 91.993+/-42.693 χ^2/NDF : 13.2/18

Left In: 153.289+/-76.514 χ^2/NDF : 2.9/4

Left: 116.854+/-51.409 χ^2/NDF : 12.5/11

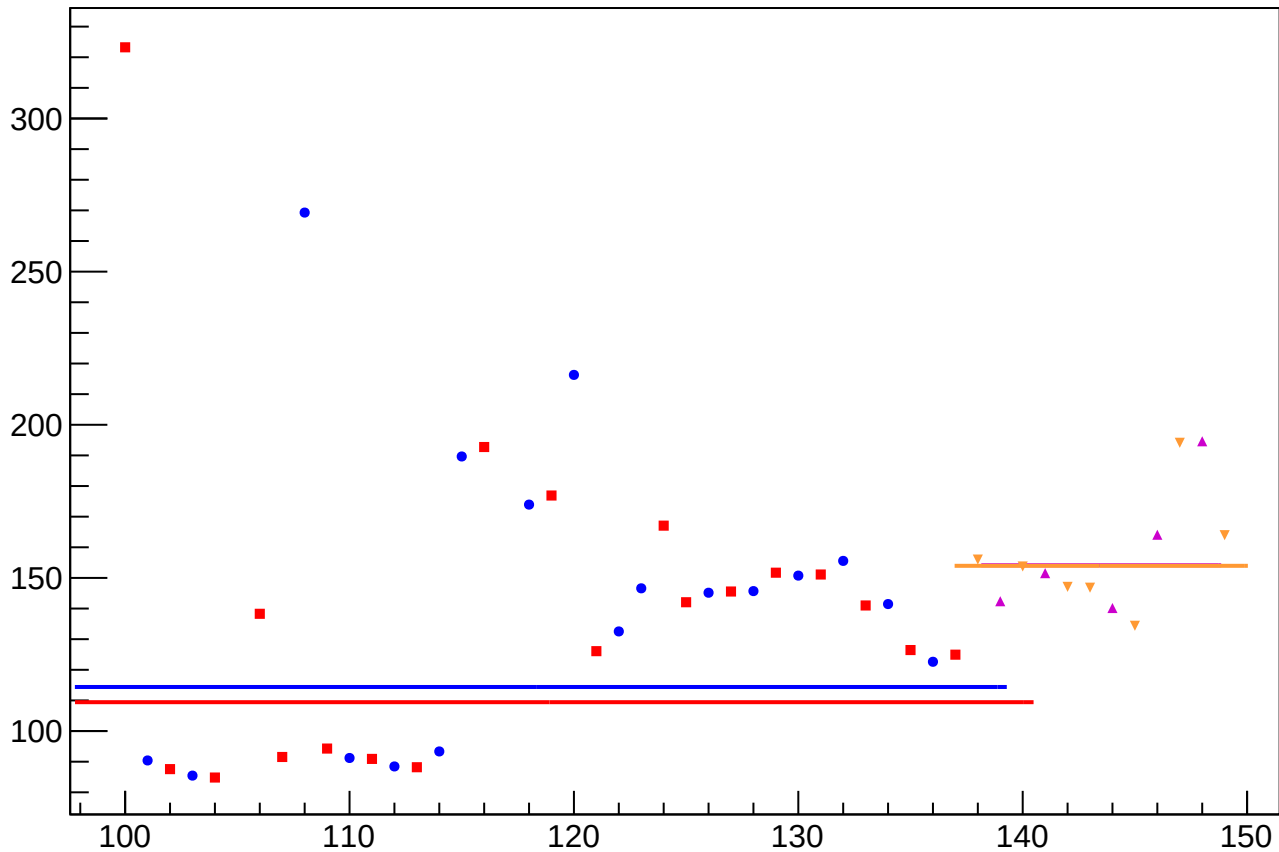
Right: 58.298+/-31.339 χ^2/NDF : 26.5/35

In: 54.767+/-39.516 χ^2/NDF : 17.1/21

Out: 90.587+/-36.365 χ^2/NDF : 22.5/25

All: 74.162+/-26.759 χ^2/NDF : 40.0/47

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 114.391+/-0.033 χ^2/NDF : 1136702.0/16

Left Out: 153.953+/-0.049 χ^2/NDF :110758.8/6

Right Out: 109.428+/-0.030 χ^2/NDF : 944386.0/18

Left In: 154.133+/-0.054 χ^2/NDF :104238.9/4

Left: 154.035+/-0.036 χ^2/NDF : 215003.8/11

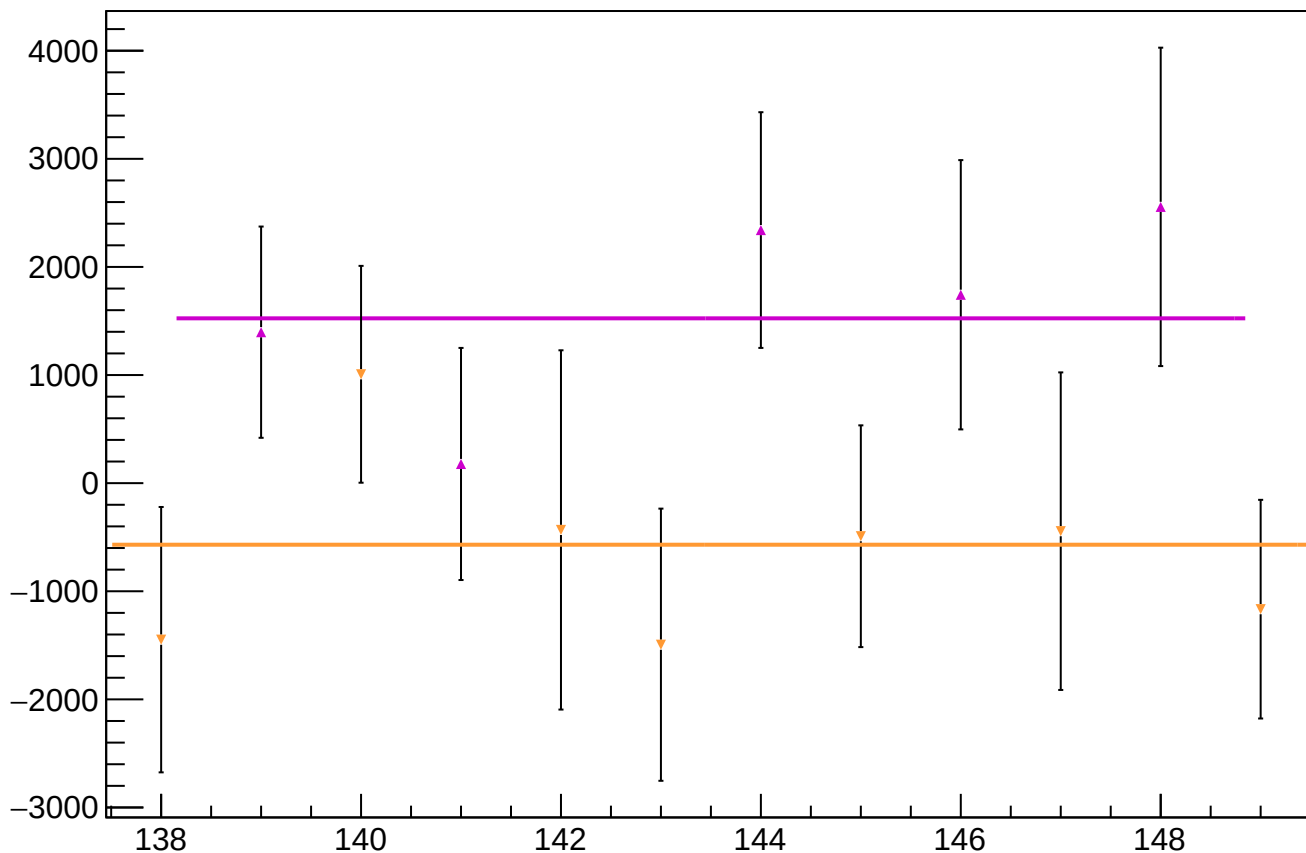
Right: 111.717+/-0.022 χ^2/NDF : 2093555.7/35

In: 124.992+/-0.028 χ^2/NDF :1636592.4/21

Out: 121.649+/-0.026 χ^2/NDF :1652244.5/25

All: 123.182+/-0.019 χ^2/NDF : 3296584.0/47

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -569.479+/-445.282 χ^2/NDF : 3.9/6

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

Left In: 1524.532+/-508.810 χ^2/NDF : 2.7/4

Left: 338.712+/-335.085 χ^2/NDF : 16.2/11

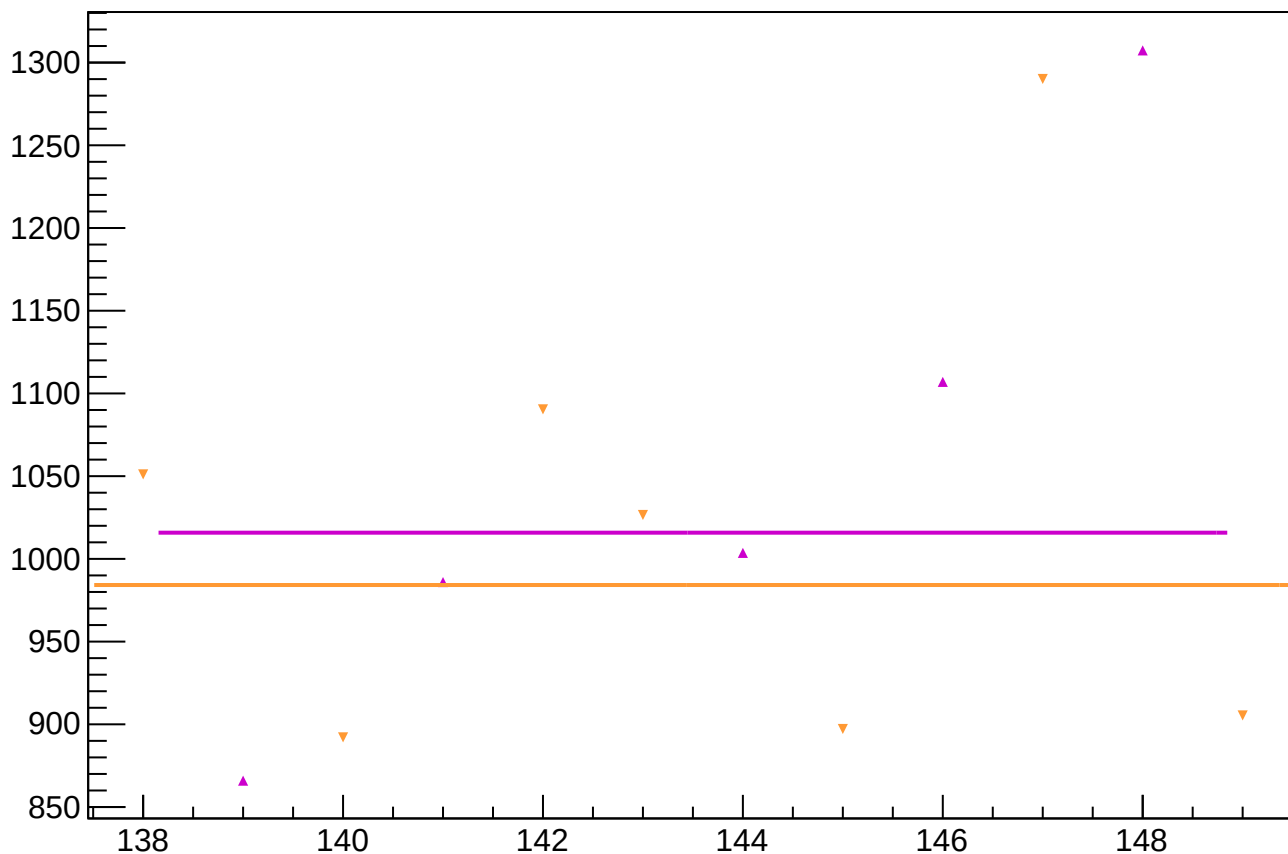
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1524.532+/-508.810 χ^2/NDF : 2.7/4

Out: -569.479+/-445.282 χ^2/NDF : 3.9/6

All: 338.712+/-335.085 χ^2/NDF : 16.2/11

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 984.202 ± 0.315 χ^2/NDF : 146532.6/6

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 1015.836 ± 0.360 χ^2/NDF : 137959.2/4

Left: 997.922 ± 0.237 χ^2/NDF : 288869.4/11

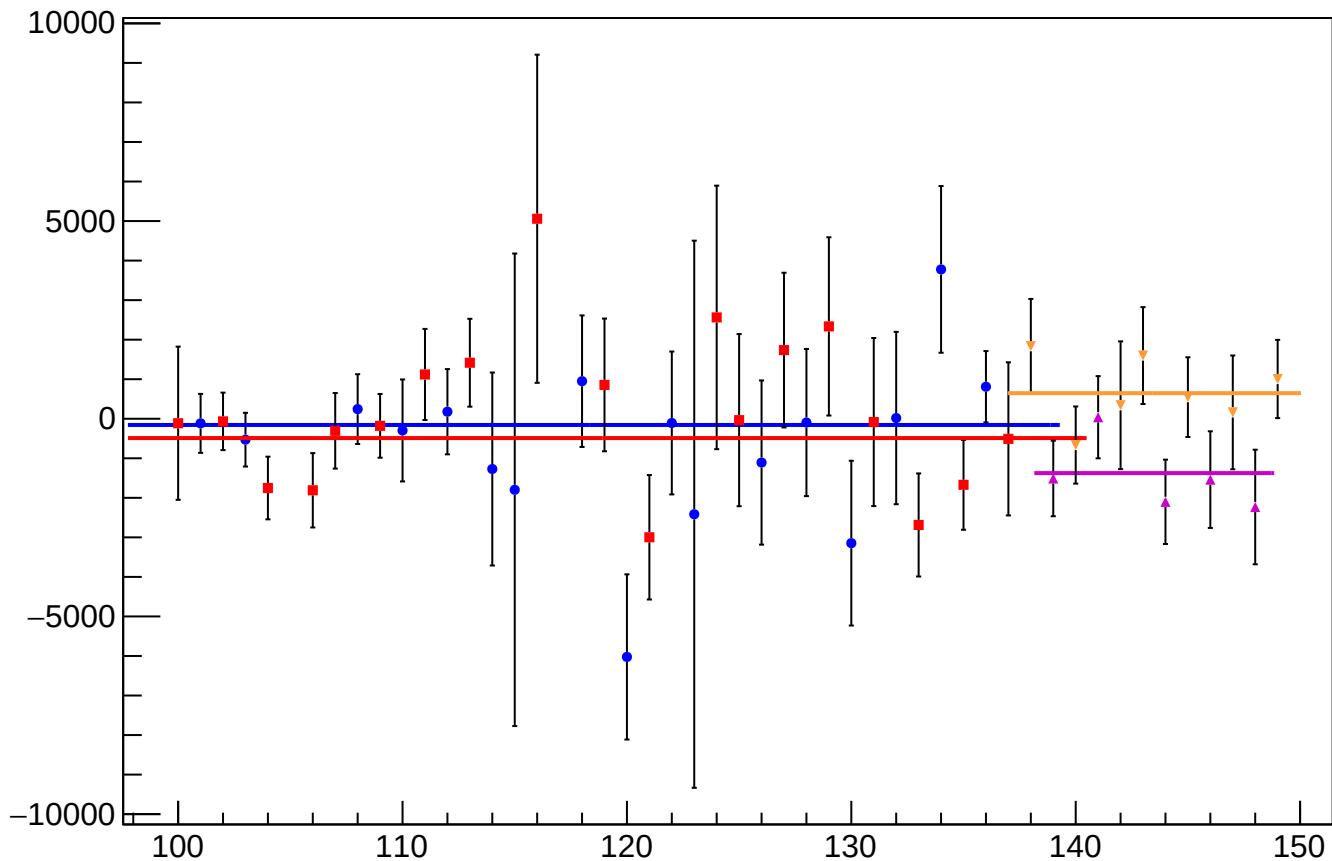
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 1015.836 ± 0.360 χ^2/NDF : 137959.2/4

Out: 984.202 ± 0.315 χ^2/NDF : 146532.6/6

All: 997.922 ± 0.237 χ^2/NDF : 288869.4/11

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 647.232+/-434.911 χ^2/NDF : 3.7/6

Right Out: -488.583+/-282.758 χ^2/NDF : 22.6/18

Left In: -1374.237+/-496.951 χ^2/NDF : 2.7/4

Left: -229.513+/-327.278 χ^2/NDF : 15.8/11

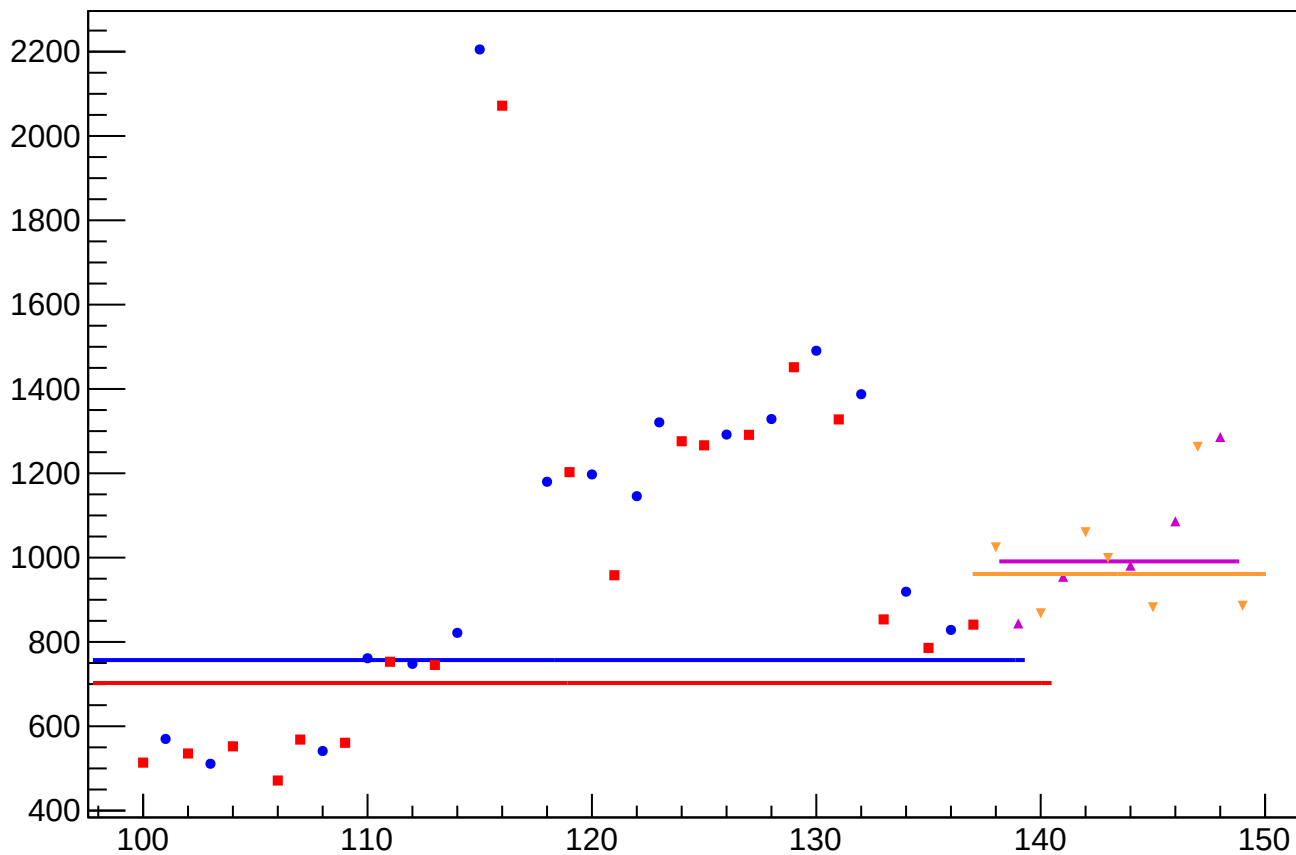
Right: -339.397+/-209.669 χ^2/NDF : 39.5/35

In: -502.063+/-264.542 χ^2/NDF : 23.2/21

Out: -151.121+/-237.060 χ^2/NDF : 31.1/25

All: -307.422+/-176.546 χ^2/NDF : 55.3/47

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 961.169 $\pm$ 0.308 χ^2 /NDF:144987.5/6

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

Left In: 991.017 $\pm$ 0.351 χ^2 /NDF:145202.6/4

Left: 974.114 $\pm$ 0.231 χ^2 /NDF: 294275.7/11

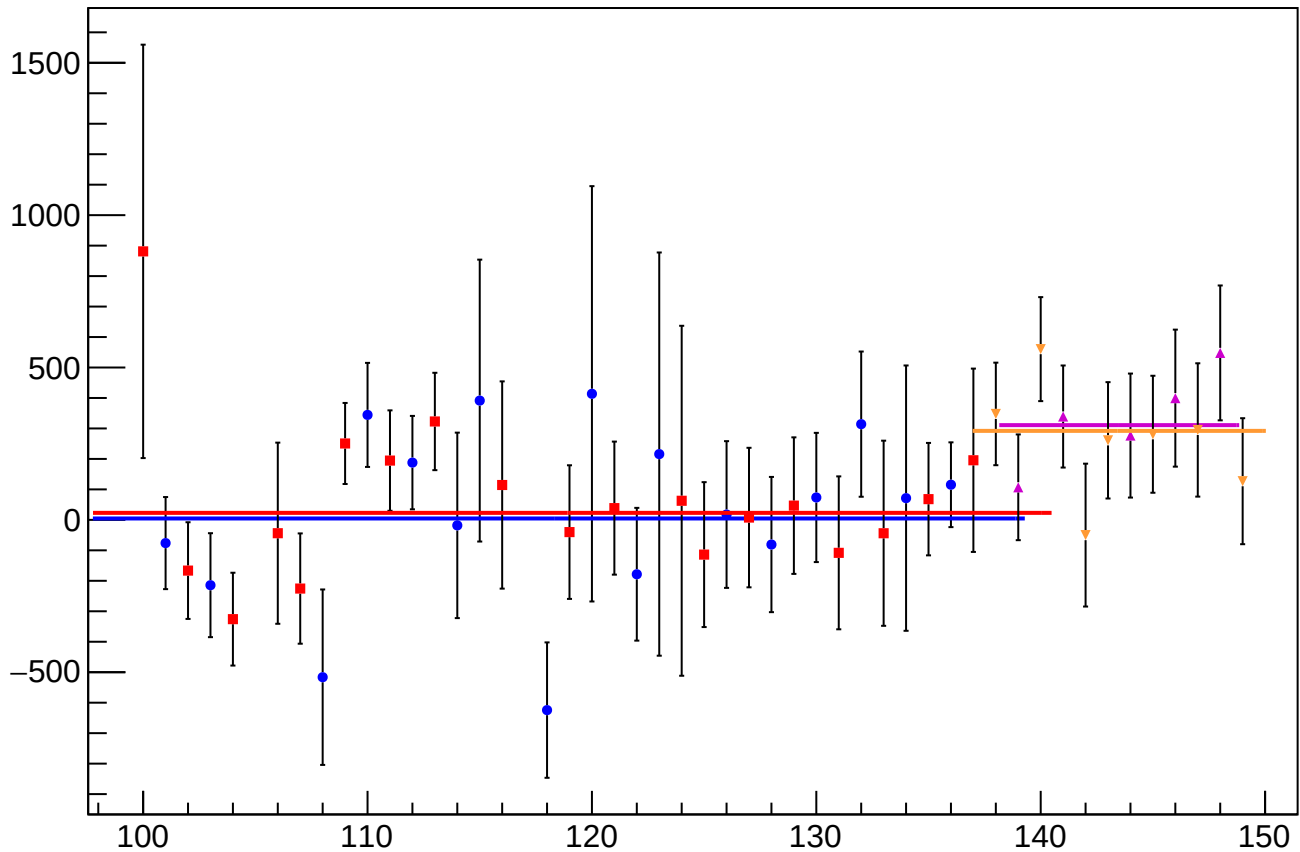
Right: 727.113 $\pm$ 0.148 χ^2 /NDF: 3434103.1/35

In: 823.304 $\pm$ 0.187 χ^2 /NDF:2174353.8/21

Out: 779.463 $\pm$ 0.168 χ^2 /NDF:2331252.4/25

All: 798.989 $\pm$ 0.125 χ^2 /NDF: 4536071.0/47

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: 4.533 $\pm$ 52.509 χ^2 /NDF: 23.1/16

Left Out: 292.054 $\pm$ 73.185 χ^2 /NDF:5.4/6

Right Out: 22.985 $\pm$ 47.854 χ^2 /NDF: 19.0/18

Left In: 310.870 $\pm$ 86.638 χ^2 /NDF:2.7/4

Left: 299.889 $\pm$ 55.908 χ^2 /NDF: 8.1/11

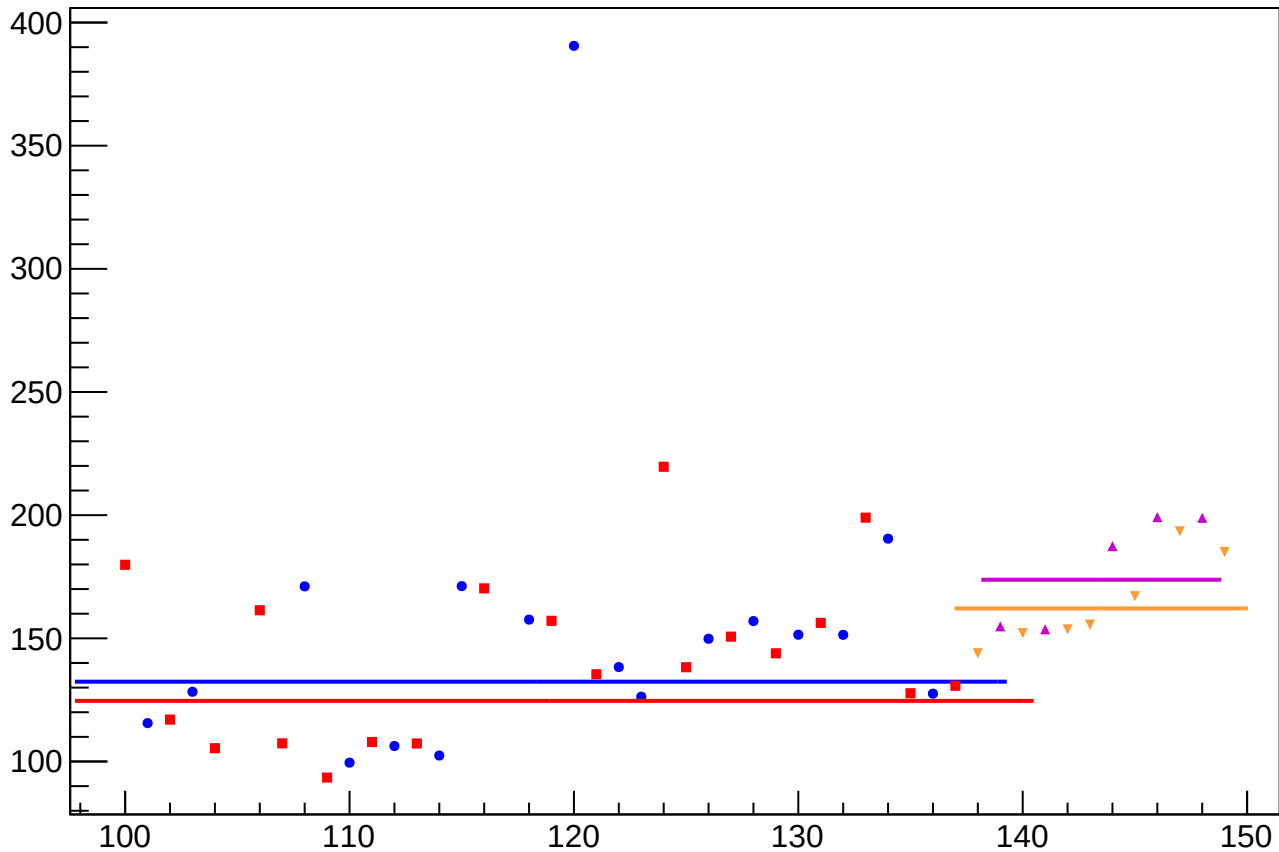
Right: 14.613 $\pm$ 35.370 χ^2 /NDF: 42.1/35

In: 86.830 $\pm$ 44.906 χ^2 /NDF:35.0/21

Out: 103.572 $\pm$ 40.052 χ^2 /NDF:33.8/25

All: 96.155 $\pm$ 29.890 χ^2 /NDF: 68.9/47

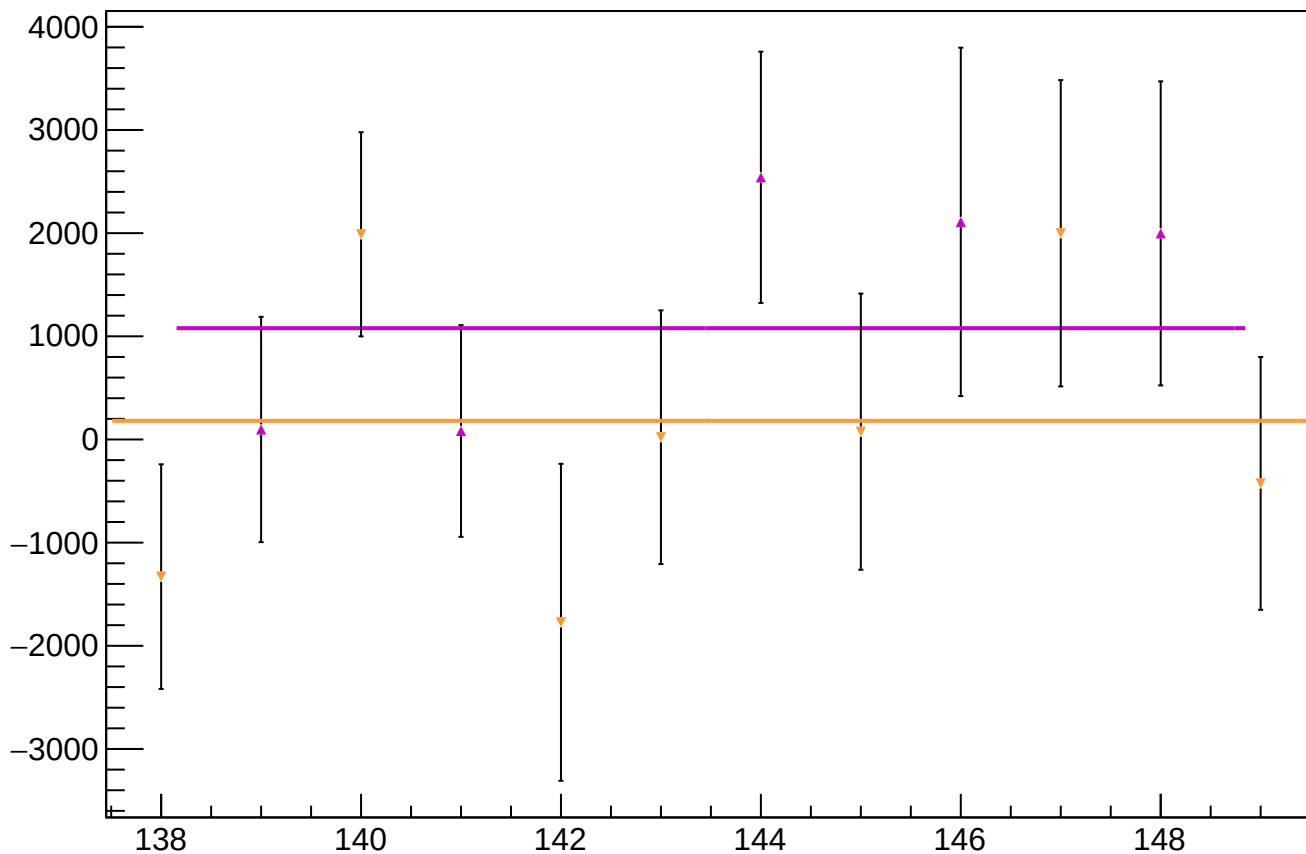
dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 132.404 $\pm$ 0.037 χ^2/NDF : 643884.8/16
 Left Out: 162.156 $\pm$ 0.052 χ^2/NDF :102104.5/6
 Right Out: 124.620 $\pm$ 0.034 χ^2/NDF : 592322.9/18
 Left In: 173.792 $\pm$ 0.061 χ^2/NDF :112963.4/4

Left: 167.001 $\pm$ 0.040 χ^2/NDF : 236121.7/11
 Right: 128.152 $\pm$ 0.025 χ^2/NDF : 1260220.4/35
 In: 143.523 $\pm$ 0.032 χ^2/NDF :1090636.6/21
 Out: 135.862 $\pm$ 0.028 χ^2/NDF :1062966.4/25
 All: 139.256 $\pm$ 0.021 χ^2/NDF : 2186023.0/47

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 181.134+/-464.851 χ^2/NDF :8.6/6

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

Left In: 1078.926+/-552.693 χ^2/NDF :4.0/4

Left: 553.099+/-355.752 χ^2/NDF : 14.1/11

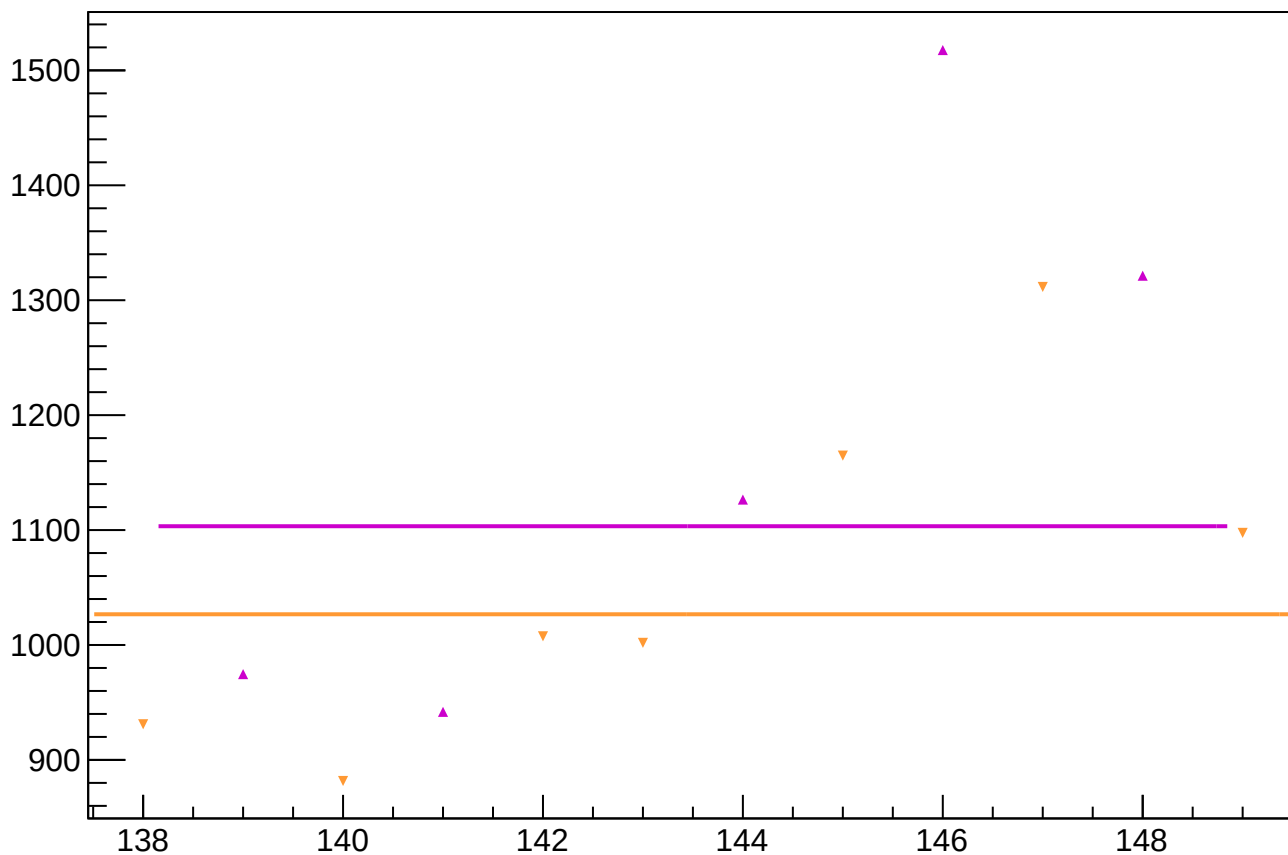
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1078.926+/-552.693 χ^2/NDF :4.0/4

Out: 181.134+/-464.851 χ^2/NDF :8.6/6

All: 553.099+/-355.752 χ^2/NDF : 14.1/11

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1026.726+/-0.329 χ^2/NDF :161146.4/6

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

Left In: 1103.341+/-0.391 χ^2/NDF :242201.8/4

Left: 1058.469+/-0.252 χ^2/NDF : 425857.4/11

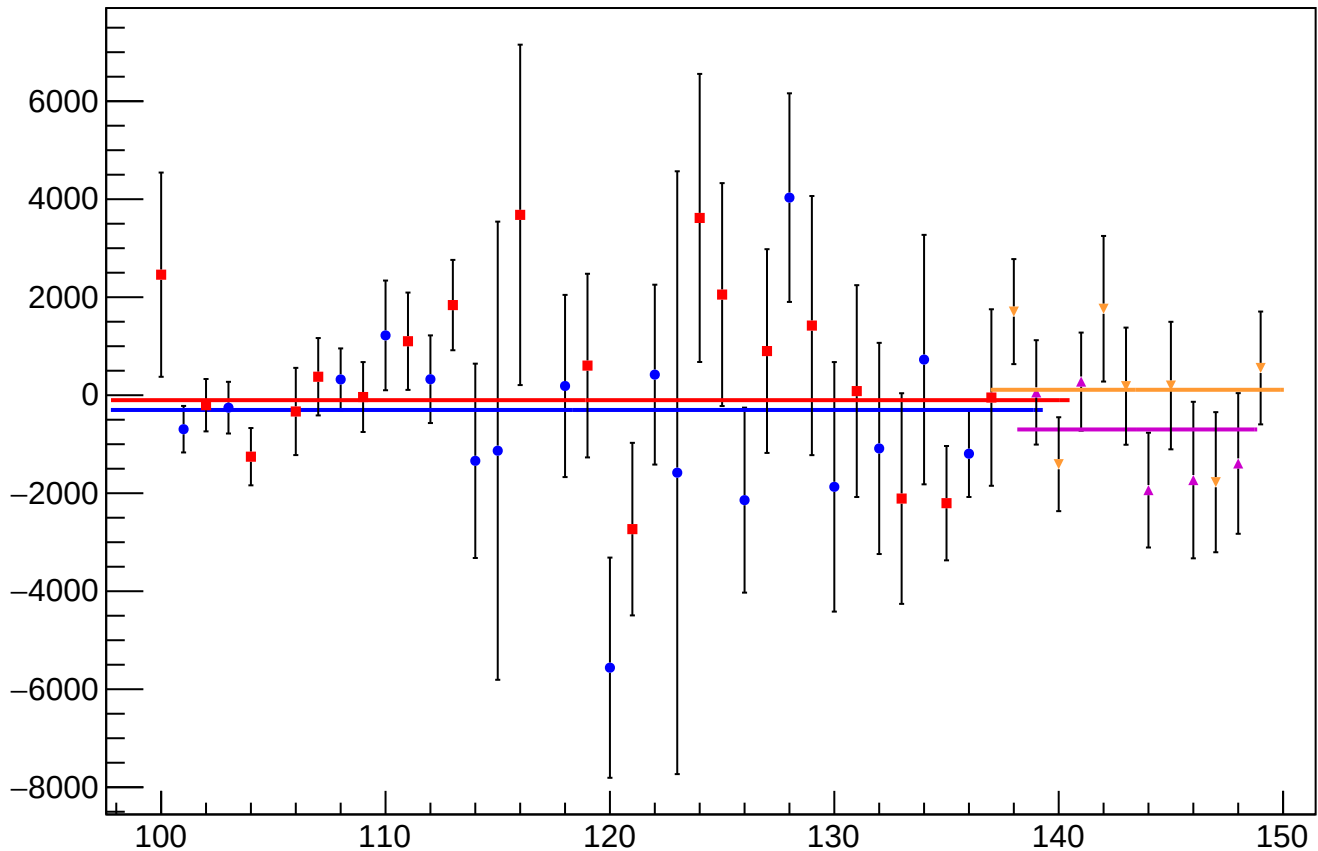
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1103.341+/-0.391 χ^2/NDF :242201.8/4

Out: 1026.726+/-0.329 χ^2/NDF :161146.4/6

All: 1058.469+/-0.252 χ^2/NDF : 425857.4/11

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: 110.782 ± 449.602 χ^2/NDF : 7.9/6

Right Out: -100.857 ± 245.981 χ^2/NDF : 22.5/18

Left In: -698.932 ± 535.486 χ^2/NDF : 3.2/4

Left: -224.014 ± 344.328 χ^2/NDF : 12.4/11

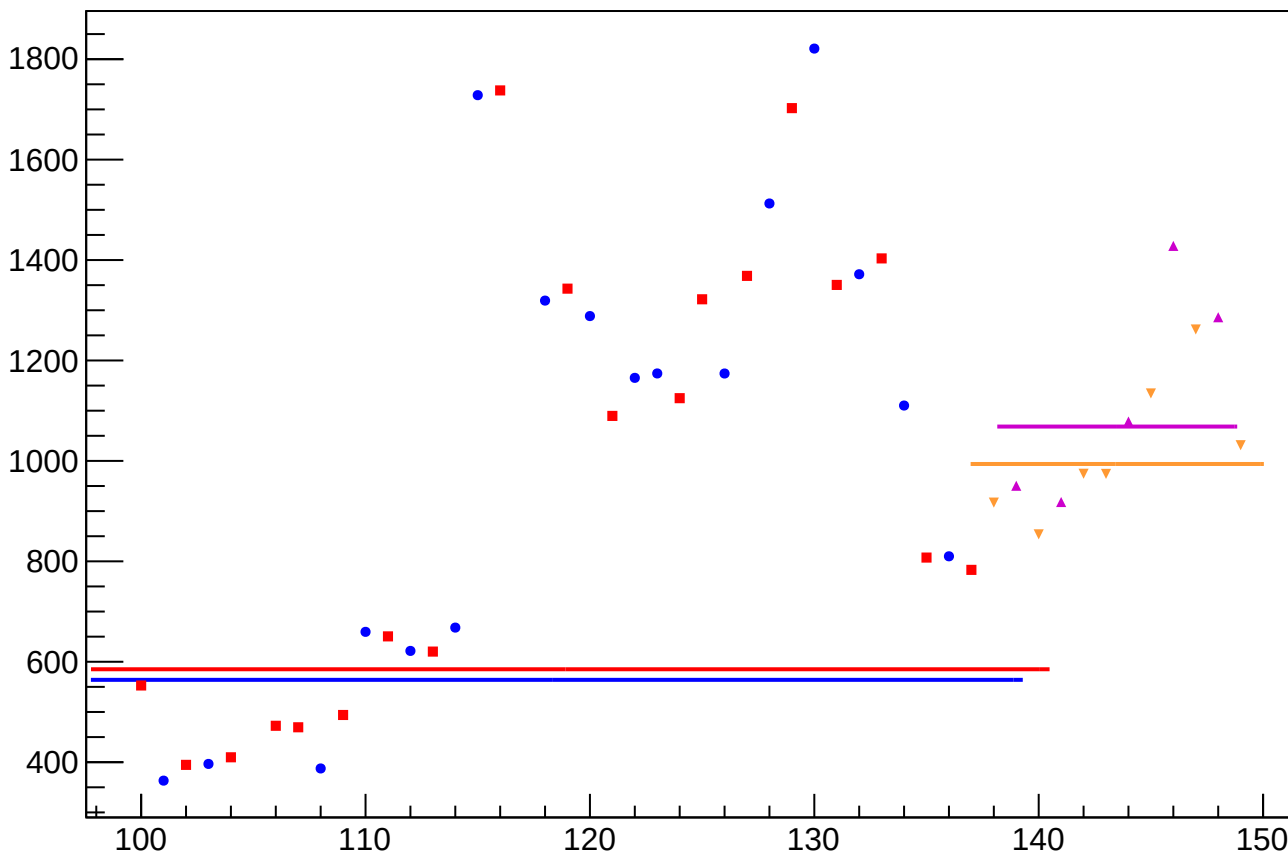
Right: -199.290 ± 175.353 χ^2/NDF : 39.7/35

In: -372.233 ± 226.560 χ^2/NDF : 20.5/21

Out: -52.102 ± 215.795 χ^2/NDF : 30.6/25

All: -204.381 ± 156.257 χ^2/NDF : 52.1/47

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 993.874 $\pm$ 0.318 χ^2 /NDF:149594.1/6

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

Left In: 1068.395 $\pm$ 0.379 χ^2 /NDF:217294.2/4

Left: 1024.686 $\pm$ 0.243 χ^2 /NDF: 389607.0/11

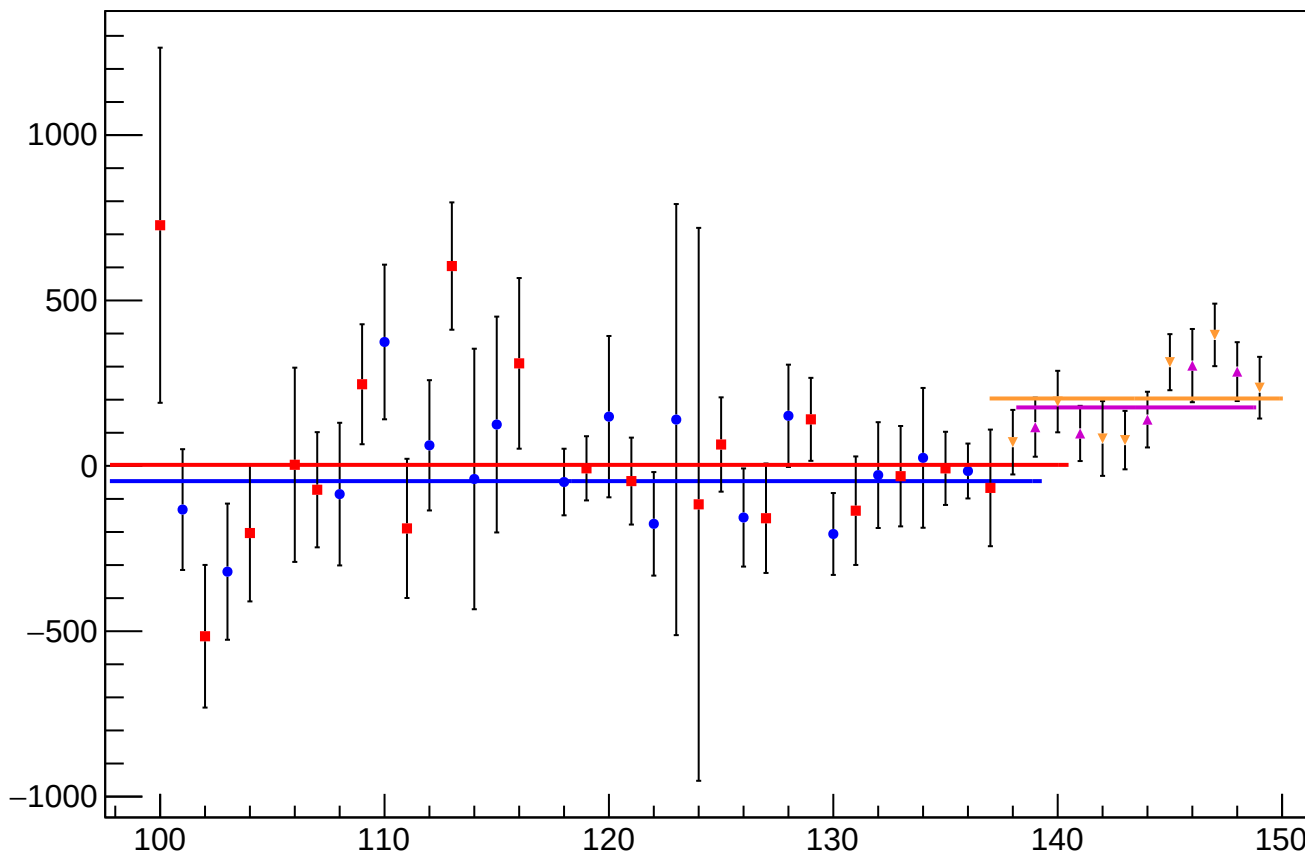
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 654.293 $\pm$ 0.160 χ^2 /NDF:4935617.0/21

Out: 679.246 $\pm$ 0.153 χ^2 /NDF:4243013.4/25

All: 667.377 $\pm$ 0.110 χ^2 /NDF: 9191350.9/47

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -46.211 ± 39.137 $\chi^2/\text{NDF}: 11.3/16$

Left Out: 203.645 ± 35.509 $\chi^2/\text{NDF}: 11.0/6$

Right Out: 2.942 ± 37.872 $\chi^2/\text{NDF}: 26.0/18$

Left In: 176.627 ± 40.225 $\chi^2/\text{NDF}: 4.3/4$

Left: 191.812 ± 26.621 $\chi^2/\text{NDF}: 15.5/11$

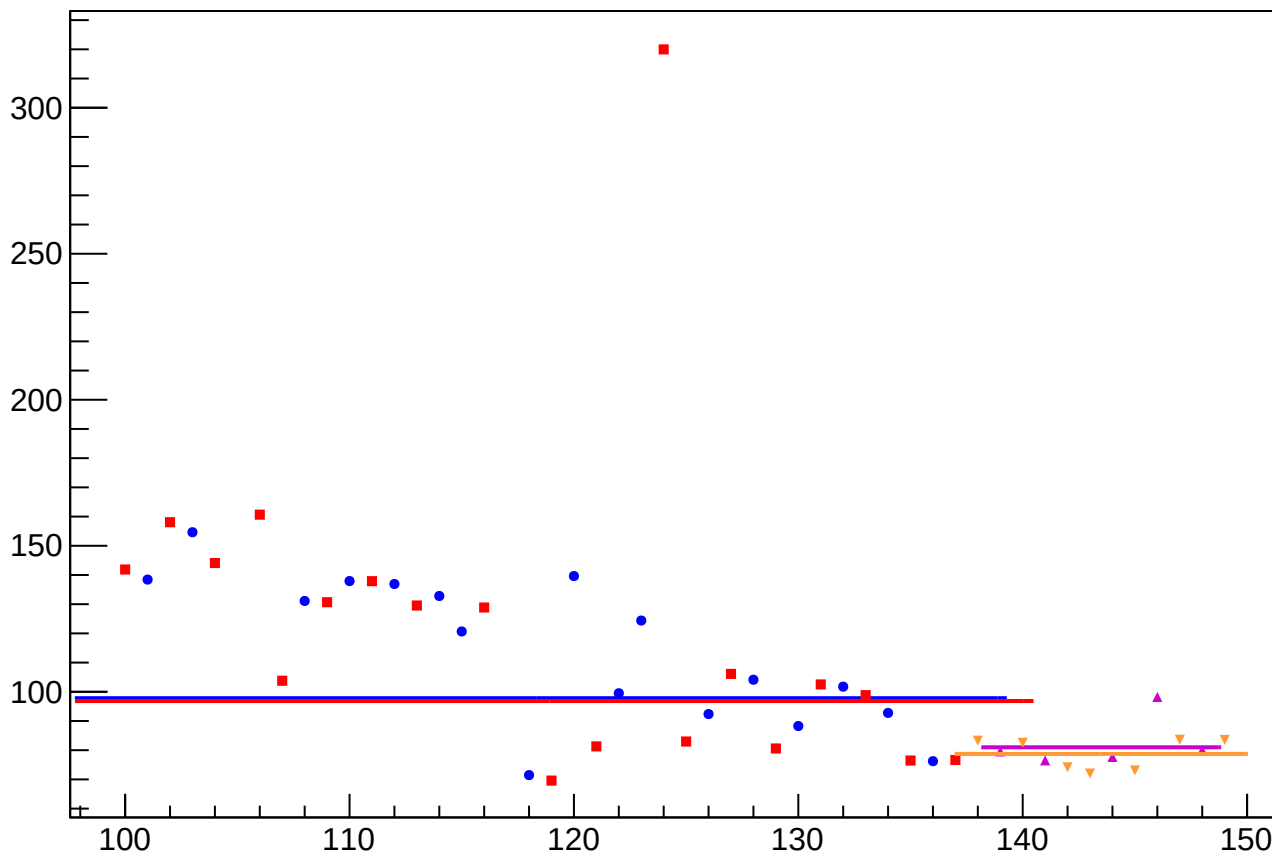
Right: -20.827 ± 27.216 $\chi^2/\text{NDF}: 38.2/35$

In: 62.153 ± 28.051 $\chi^2/\text{NDF}: 31.4/21$

Out: 109.751 ± 25.904 $\chi^2/\text{NDF}: 51.9/25$

All: 87.843 ± 19.031 $\chi^2/\text{NDF}: 84.9/47$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 97.807 $\pm$ 0.028 χ^2 /NDF: 816964.4/16

Left Out: 78.727 $\pm$ 0.025 χ^2 /NDF: 41981.5/6

Right Out: 96.842 $\pm$ 0.027 χ^2 /NDF: 1095471.1/18

Left In: 80.996 $\pm$ 0.028 χ^2 /NDF: 57982.2/4

Left: 79.721 $\pm$ 0.019 χ^2 /NDF: 103540.0/11

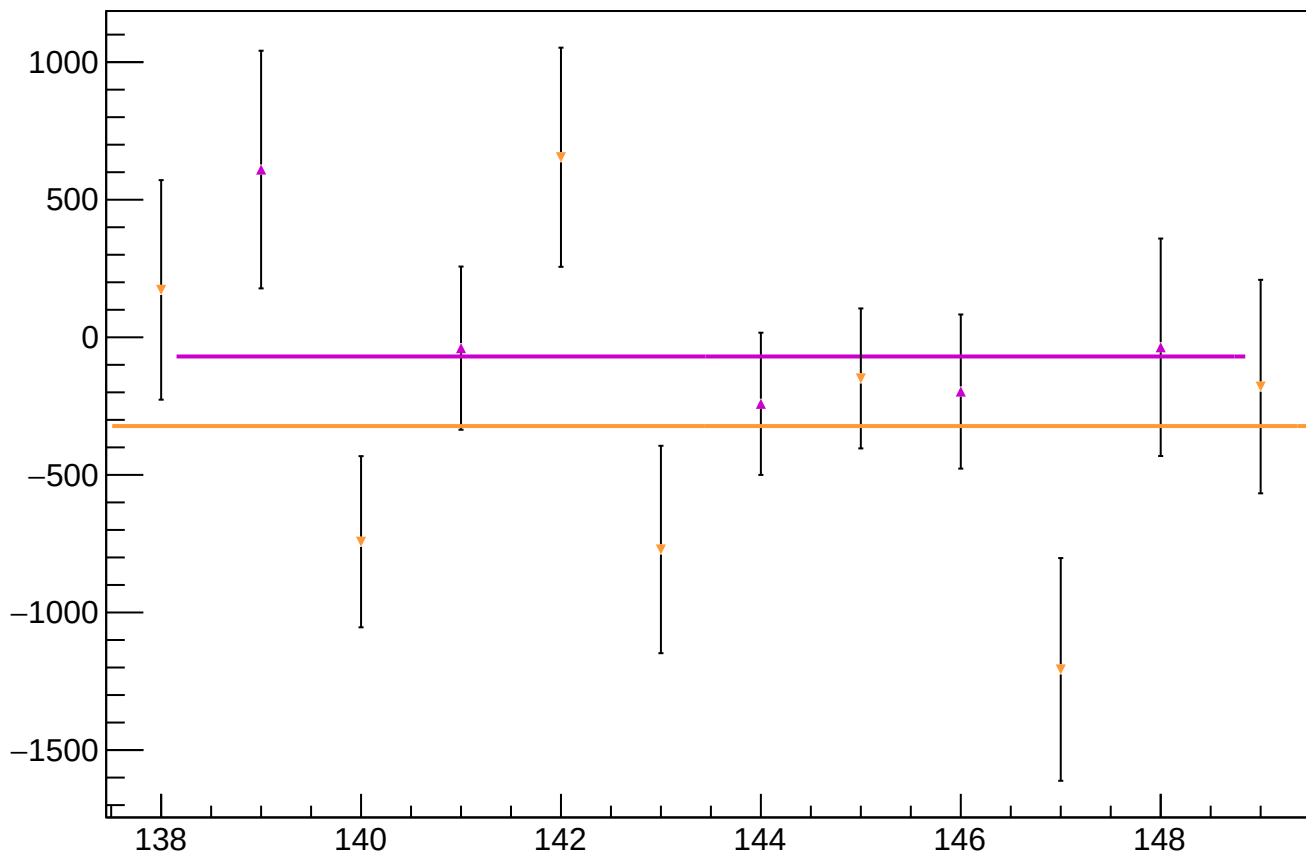
Right: 97.309 $\pm$ 0.019 χ^2 /NDF: 1913063.7/35

In: 89.632 $\pm$ 0.020 χ^2 /NDF: 1054394.6/21

Out: 87.202 $\pm$ 0.018 χ^2 /NDF: 1380954.1/25

All: 88.320 $\pm$ 0.013 χ^2 /NDF: 2443451.7/47

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -322.600+/-131.107 χ^2/NDF :16.2/6

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

Left In: -69.657+/-140.218 χ^2/NDF :3.1/4

Left: -204.612+/-95.766 χ^2/NDF : 21.1/11

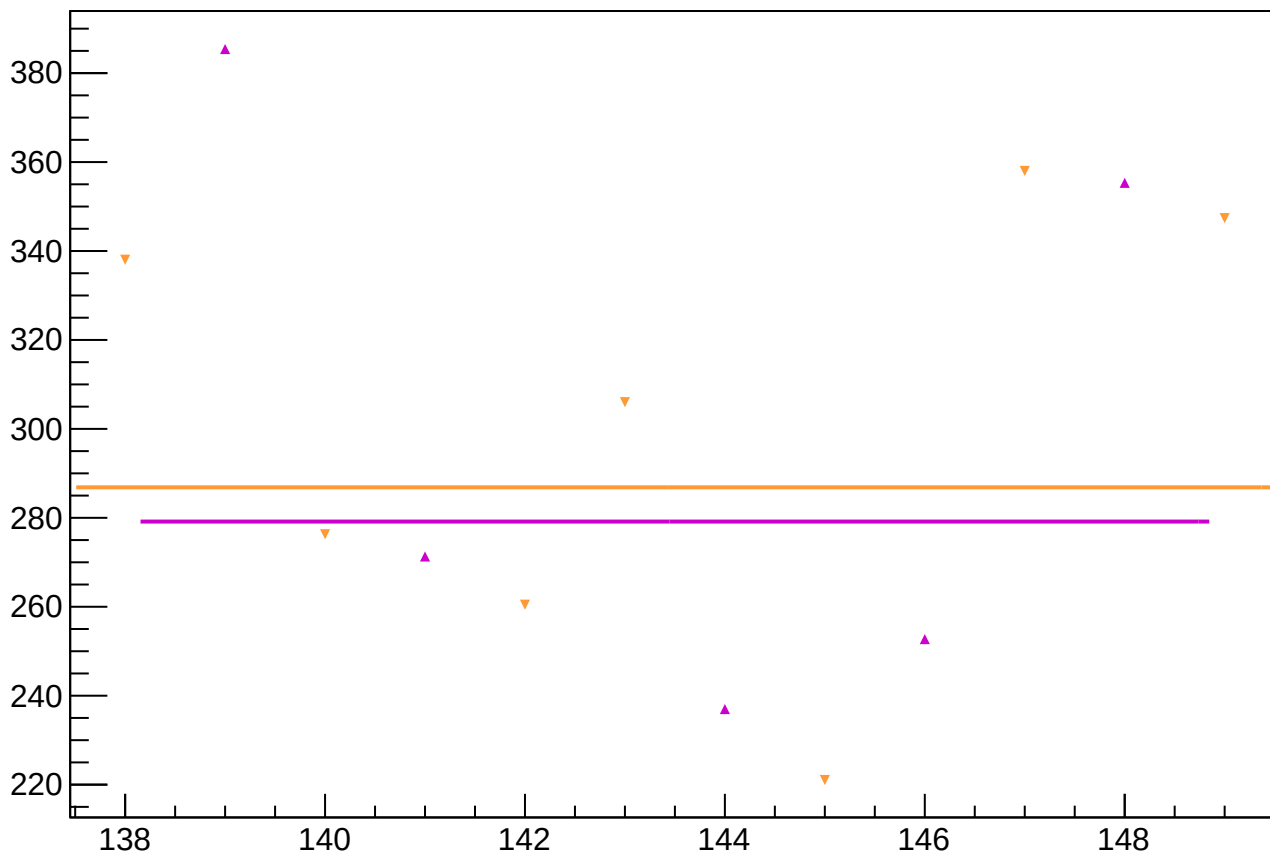
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.657+/-140.218 χ^2/NDF :3.1/4

Out: -322.600+/-131.107 χ^2/NDF :16.2/6

All: -204.612+/-95.766 χ^2/NDF : 21.1/11

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 286.858+/-0.093 χ^2/NDF :293616.7/6

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

Left In: 279.159+/-0.099 χ^2/NDF :267890.0/4

Left: 283.267+/-0.068 χ^2/NDF : 564723.8/11

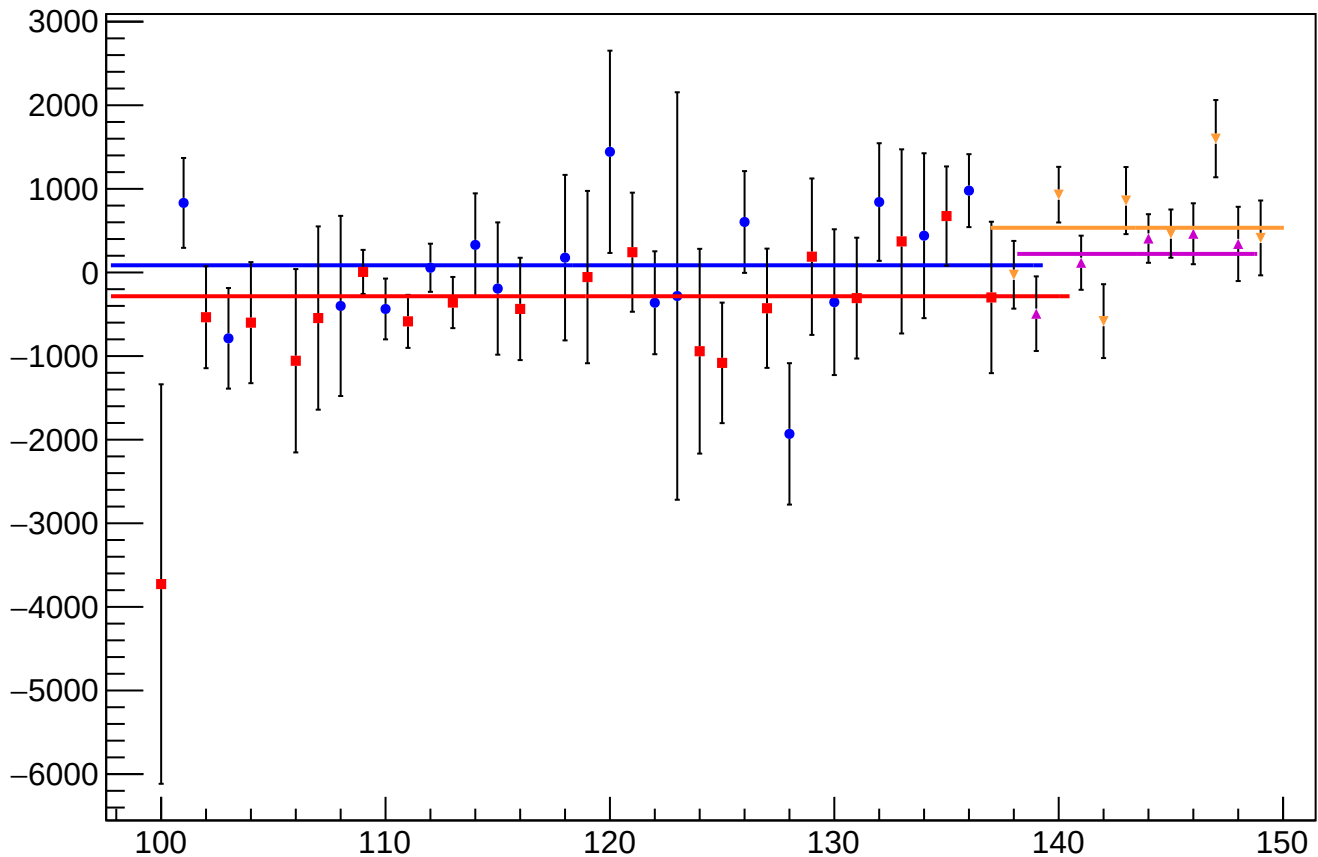
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 279.159+/-0.099 χ^2/NDF :267890.0/4

Out: 286.858+/-0.093 χ^2/NDF :293616.7/6

All: 283.267+/-0.068 χ^2/NDF : 564723.8/11

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 $\chi^2/\text{NDF}: 20.6/16$

Left Out: 534.510 ± 144.076 $\chi^2/\text{NDF}: 15.8/6$

Right Out: -284.456 ± 129.599 $\chi^2/\text{NDF}: 10.6/18$

Left In: 222.128 ± 160.122 $\chi^2/\text{NDF}: 3.6/4$

Left: 394.750 ± 107.102 $\chi^2/\text{NDF}: 21.5/11$

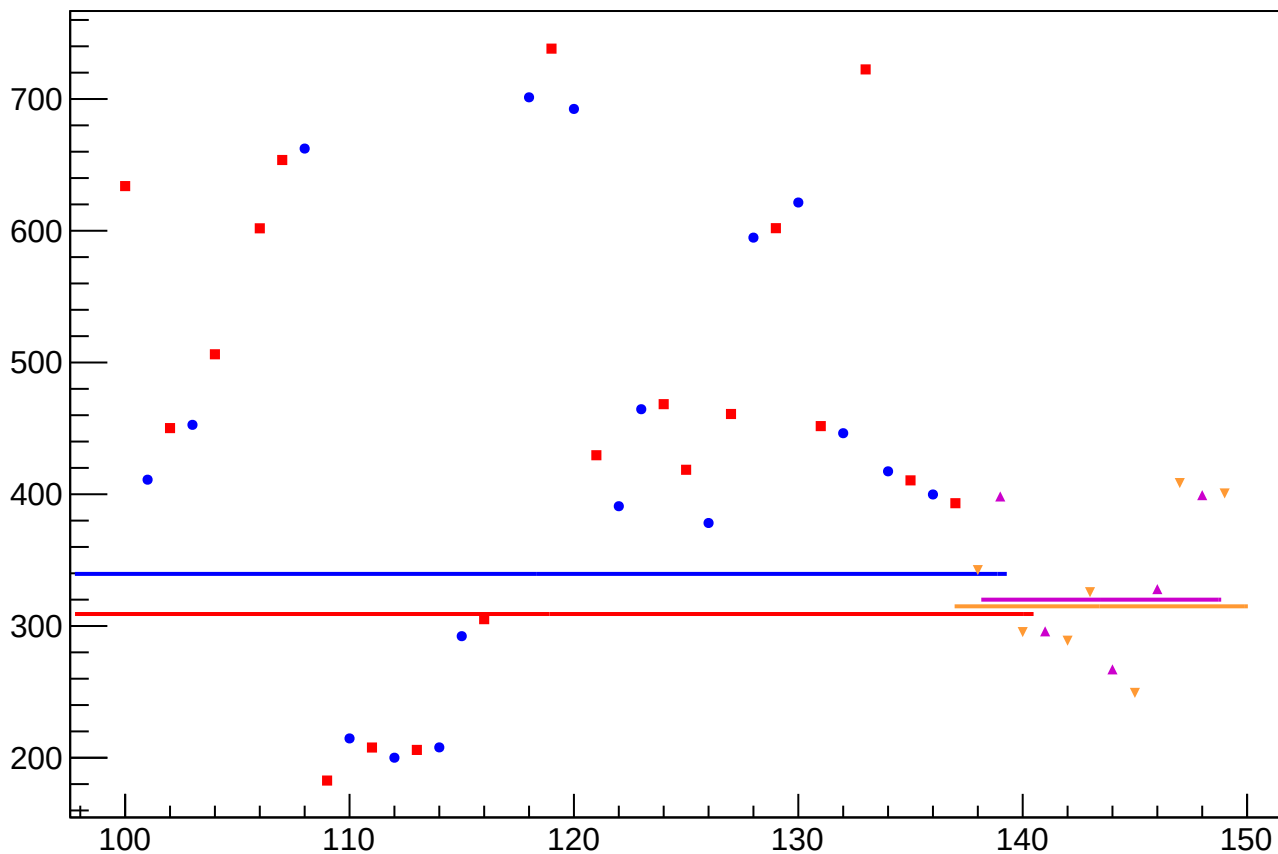
Right: -116.969 ± 95.908 $\chi^2/\text{NDF}: 34.9/35$

In: 146.105 ± 106.492 $\chi^2/\text{NDF}: 24.5/21$

Out: 81.825 ± 96.353 $\chi^2/\text{NDF}: 44.3/25$

All: 110.760 ± 71.448 $\chi^2/\text{NDF}: 69.1/47$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553±0.101 χ^2/NDF : 2042244.1/16

Left Out: 314.935±0.102 χ^2/NDF : 283742.4/6

Right Out: 309.105±0.092 χ^2/NDF : 2730308.7/18

Left In: 319.999±0.113 χ^2/NDF : 203710.1/4

Left: 317.200±0.076 χ^2/NDF : 488558.0/11

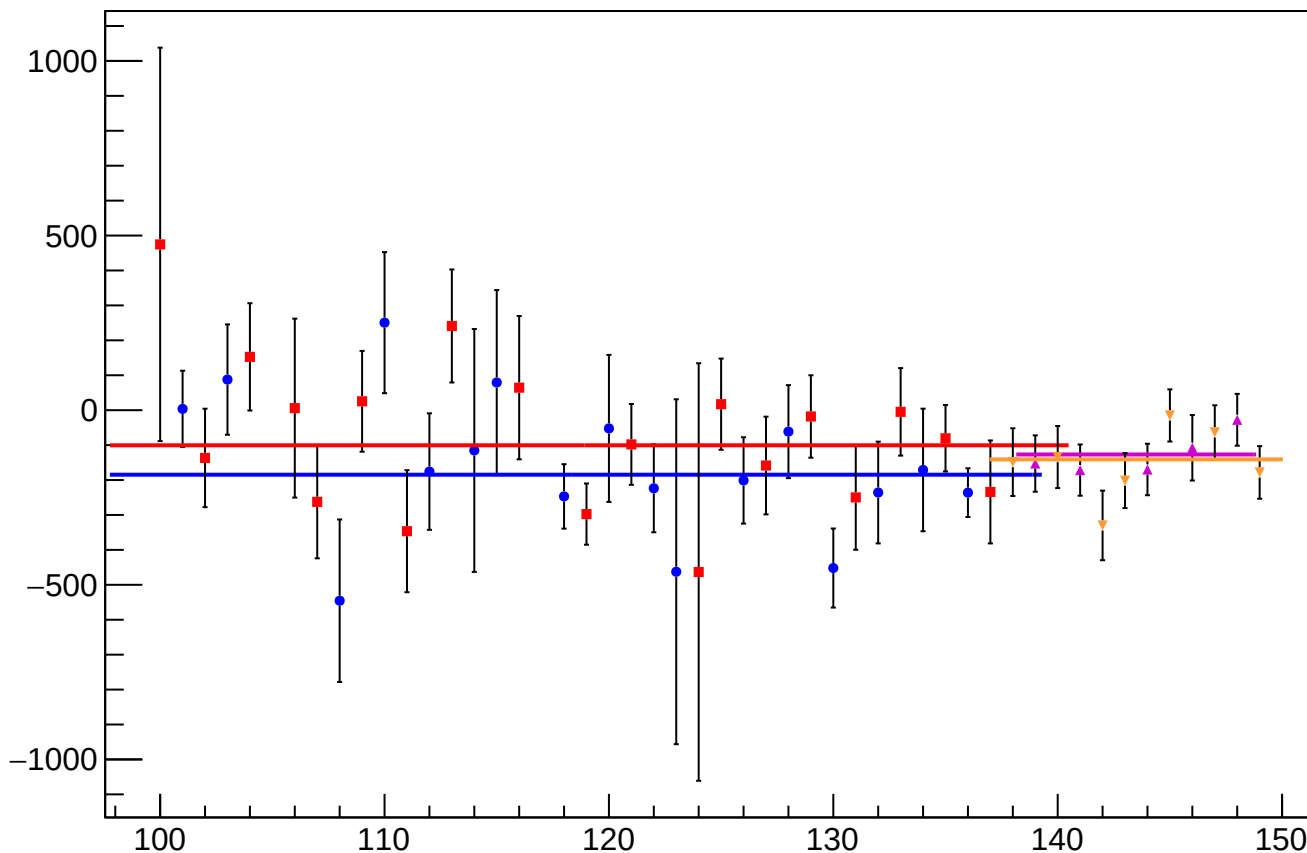
Right: 322.878±0.068 χ^2/NDF : 4822487.1/35

In: 330.904±0.075 χ^2/NDF : 2262587.6/21

Out: 311.712±0.068 χ^2/NDF : 3015861.0/25

All: 320.351±0.051 χ^2/NDF : 5314164.0/47

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -184.736 ± 33.009 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -140.947 ± 31.344 $\chi^2/\text{NDF}: 8.3/6$

Right Out: -100.491 ± 32.512 $\chi^2/\text{NDF}: 22.2/18$

Left In: -126.837 ± 34.937 $\chi^2/\text{NDF}: 2.6/4$

Left: -134.655 ± 23.331 $\chi^2/\text{NDF}: 11.0/11$

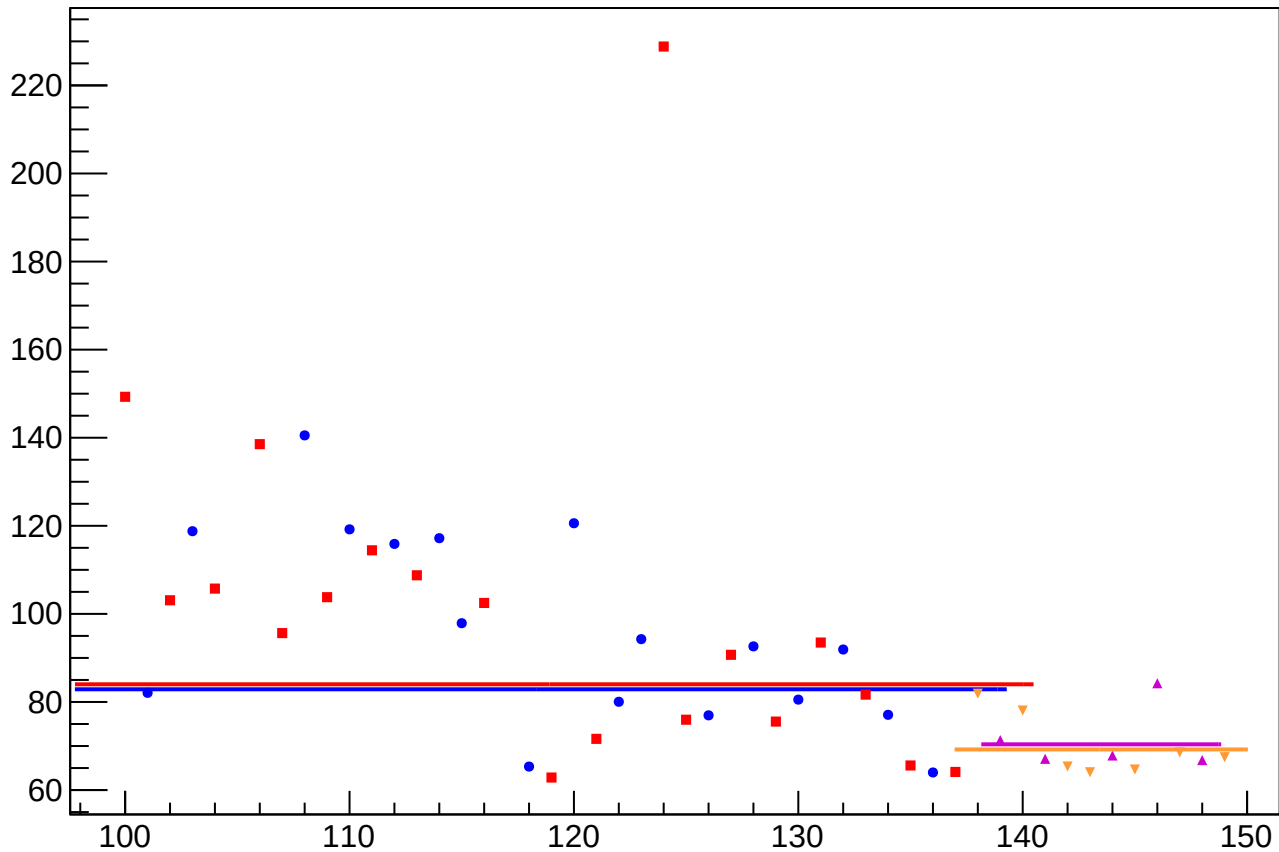
Right: -141.974 ± 23.163 $\chi^2/\text{NDF}: 47.9/35$

In: -157.428 ± 23.994 $\chi^2/\text{NDF}: 26.5/21$

Out: -121.459 ± 22.565 $\chi^2/\text{NDF}: 31.3/25$

All: -138.341 ± 16.438 $\chi^2/\text{NDF}: 59.0/47$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 82.880 +/- 0.023 χ^2/NDF : 706417.7/16

Left Out: 69.217 +/- 0.022 χ^2/NDF : 74249.8/6

Right Out: 84.013 +/- 0.023 χ^2/NDF : 765400.6/18

Left In: 70.383 +/- 0.025 χ^2/NDF : 55069.5/4

Left: 69.737 +/- 0.016 χ^2/NDF : 130554.7/11

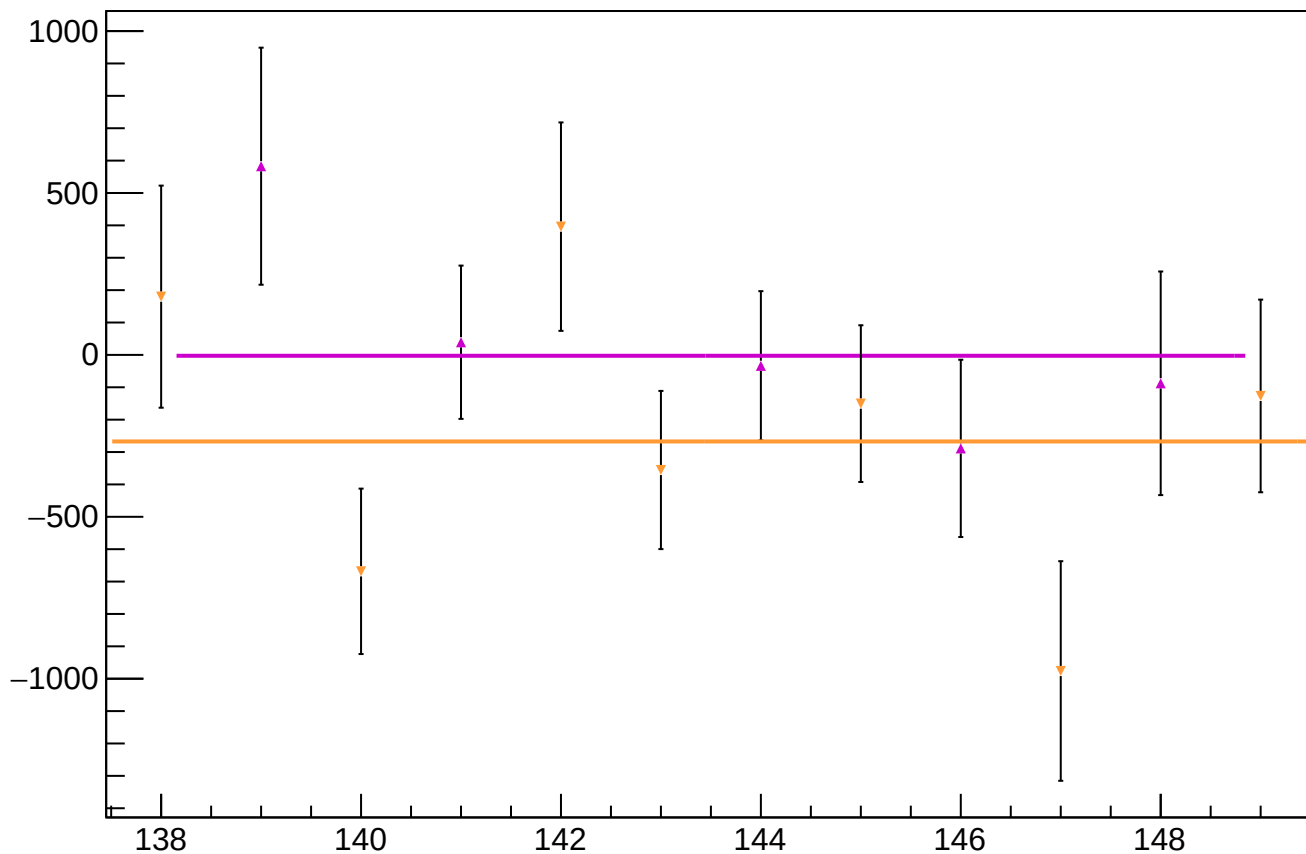
Right: 83.455 +/- 0.016 χ^2/NDF : 1473013.4/35

In: 76.986 +/- 0.017 χ^2/NDF : 896694.7/21

Out: 76.344 +/- 0.016 χ^2/NDF : 1054344.5/25

All: 76.646 +/- 0.012 χ^2/NDF : 1951798.5/47

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -267.314+/-107.010 χ^2/NDF :13.4/6

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

Left In: -2.686+/-123.225 χ^2/NDF :3.8/4

Left: -153.545+/-80.796 χ^2/NDF : 19.8/11

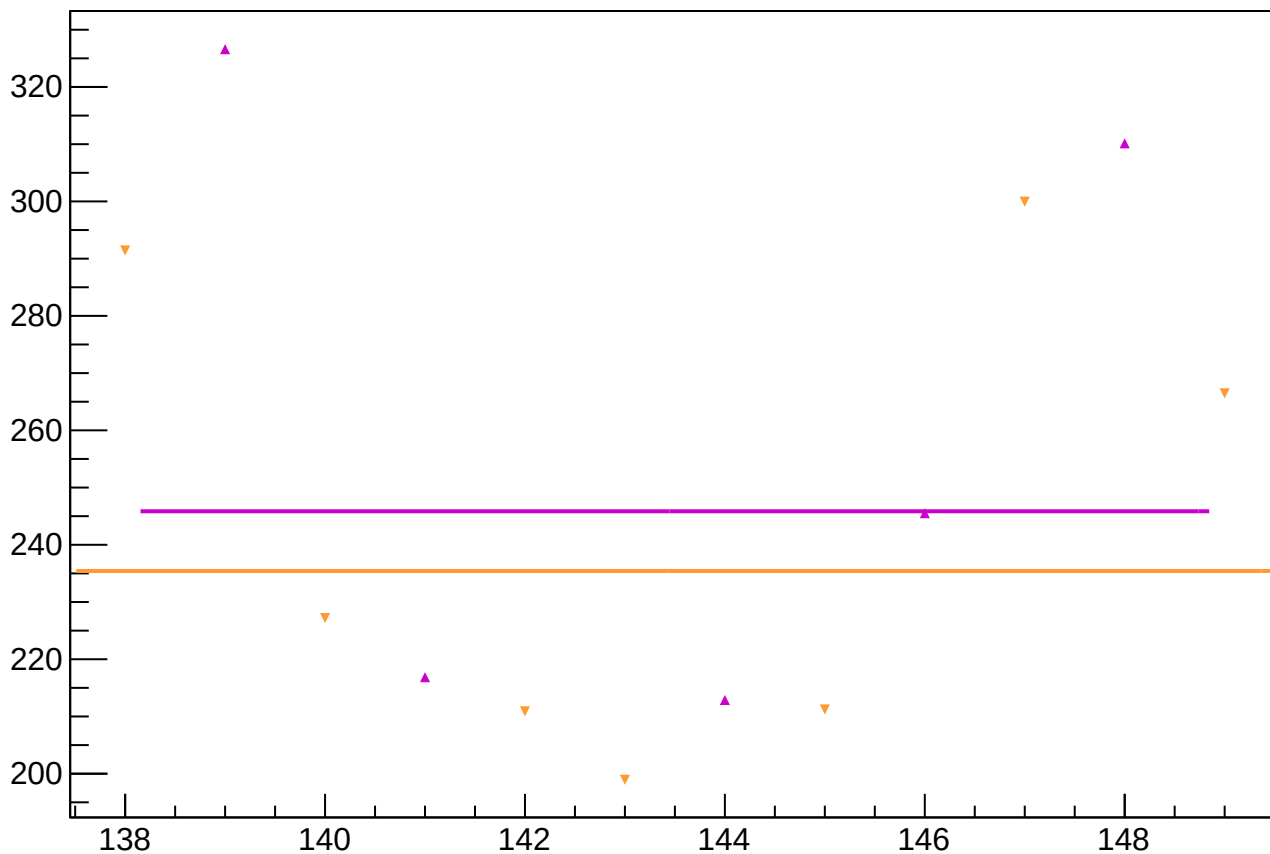
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.686+/-123.225 χ^2/NDF :3.8/4

Out: -267.314+/-107.010 χ^2/NDF :13.4/6

All: -153.545+/-80.796 χ^2/NDF : 19.8/11

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 235.427+/-0.076 χ^2/NDF :225879.4/6

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

Left In: 245.857+/-0.087 χ^2/NDF :237600.3/4

Left: 239.911+/-0.057 χ^2/NDF : 471648.7/11

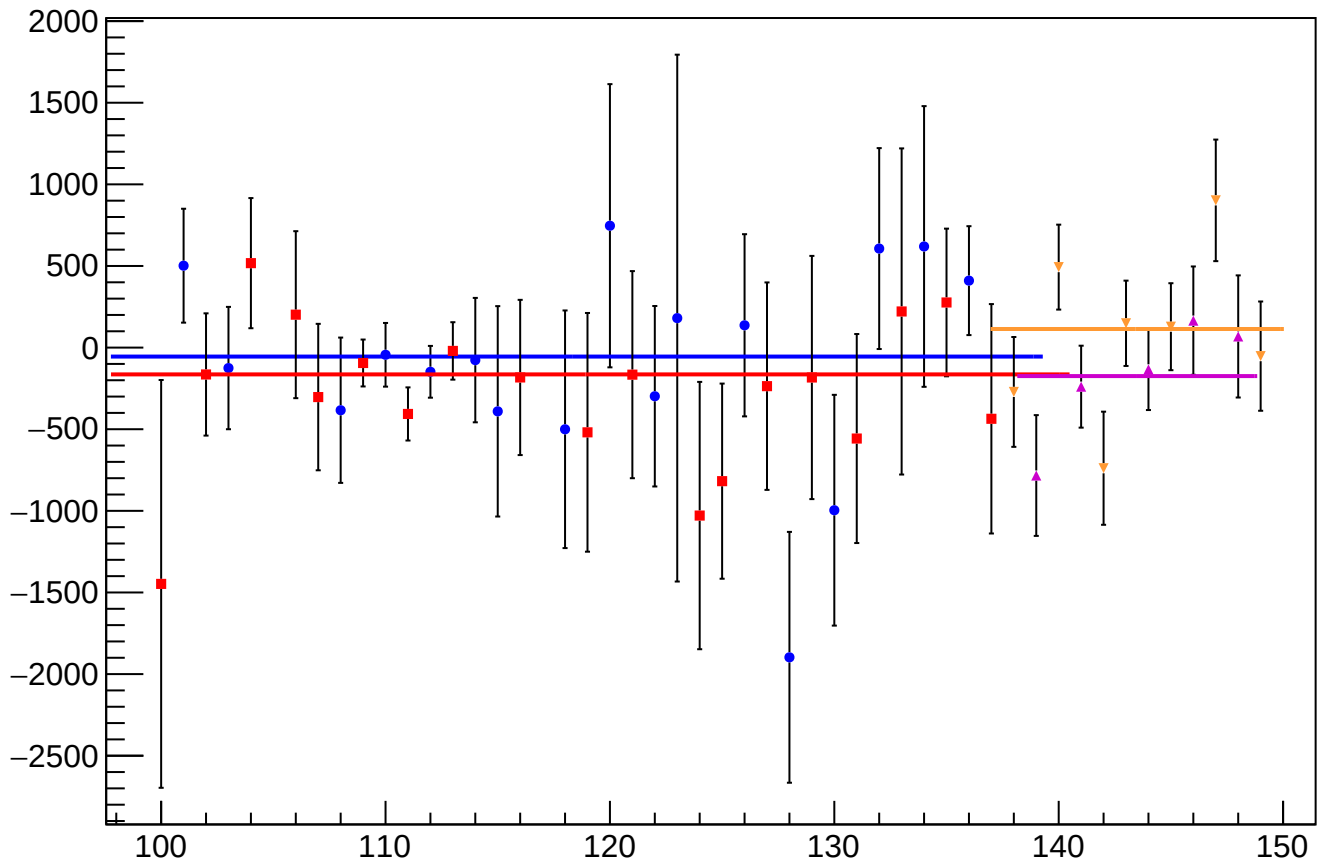
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.857+/-0.087 χ^2/NDF :237600.3/4

Out: 235.427+/-0.076 χ^2/NDF :225879.4/6

All: 239.911+/-0.057 χ^2/NDF : 471648.7/11

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 113.951 ± 114.089 χ^2/NDF : 14.2/6

Right Out: -164.141 ± 76.903 χ^2/NDF : 11.9/18

Left In: -174.480 ± 134.199 χ^2/NDF : 4.3/4

Left: -7.055 ± 86.923 χ^2/NDF : 21.2/11

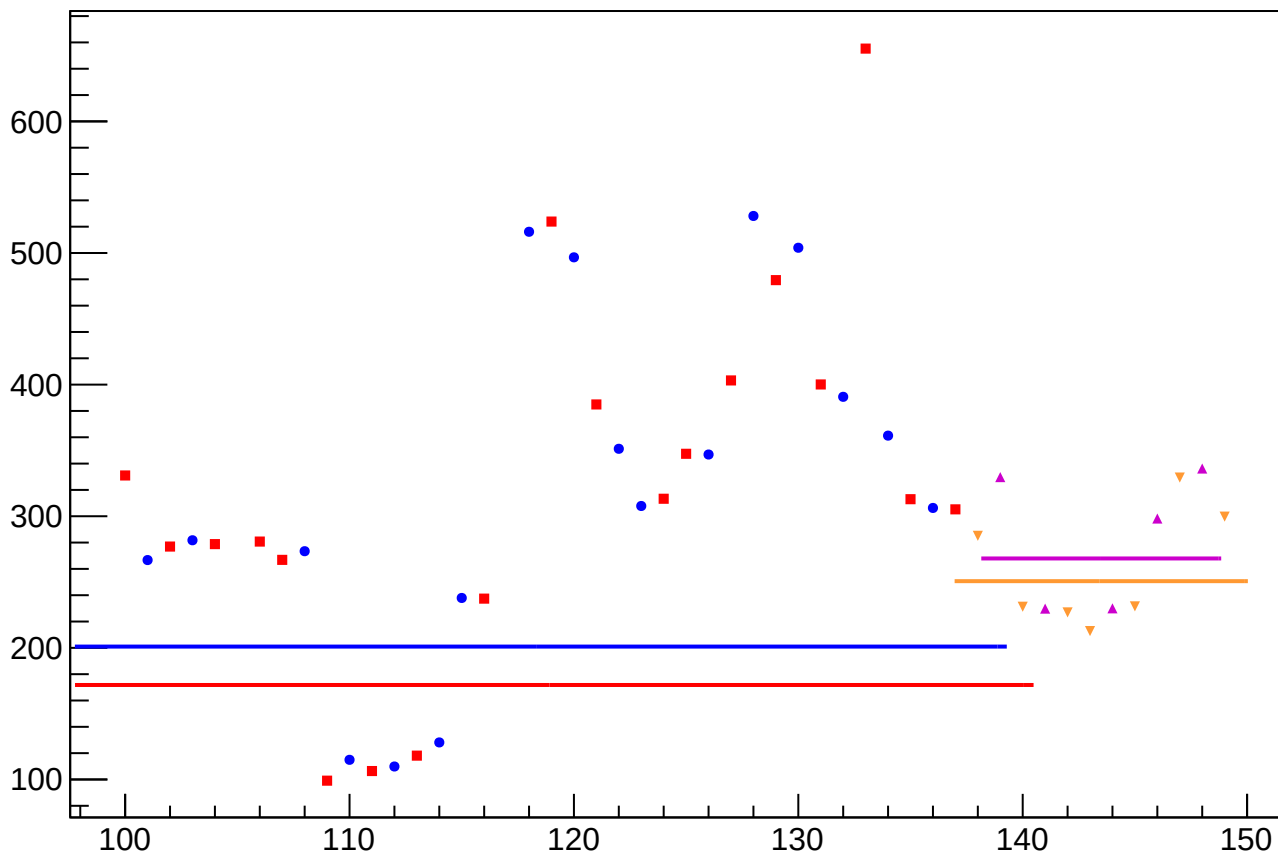
Right: -118.264 ± 58.563 χ^2/NDF : 29.3/35

In: -92.222 ± 74.950 χ^2/NDF : 21.4/21

Out: -77.262 ± 63.769 χ^2/NDF : 30.2/25

All: -83.544 ± 48.568 χ^2/NDF : 51.6/47

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 250.675+/-0.081 χ^2/NDF :226326.8/6

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

Left In: 267.917+/-0.095 χ^2/NDF :231673.0/4

Left: 257.909+/-0.061 χ^2/NDF : 477164.0/11

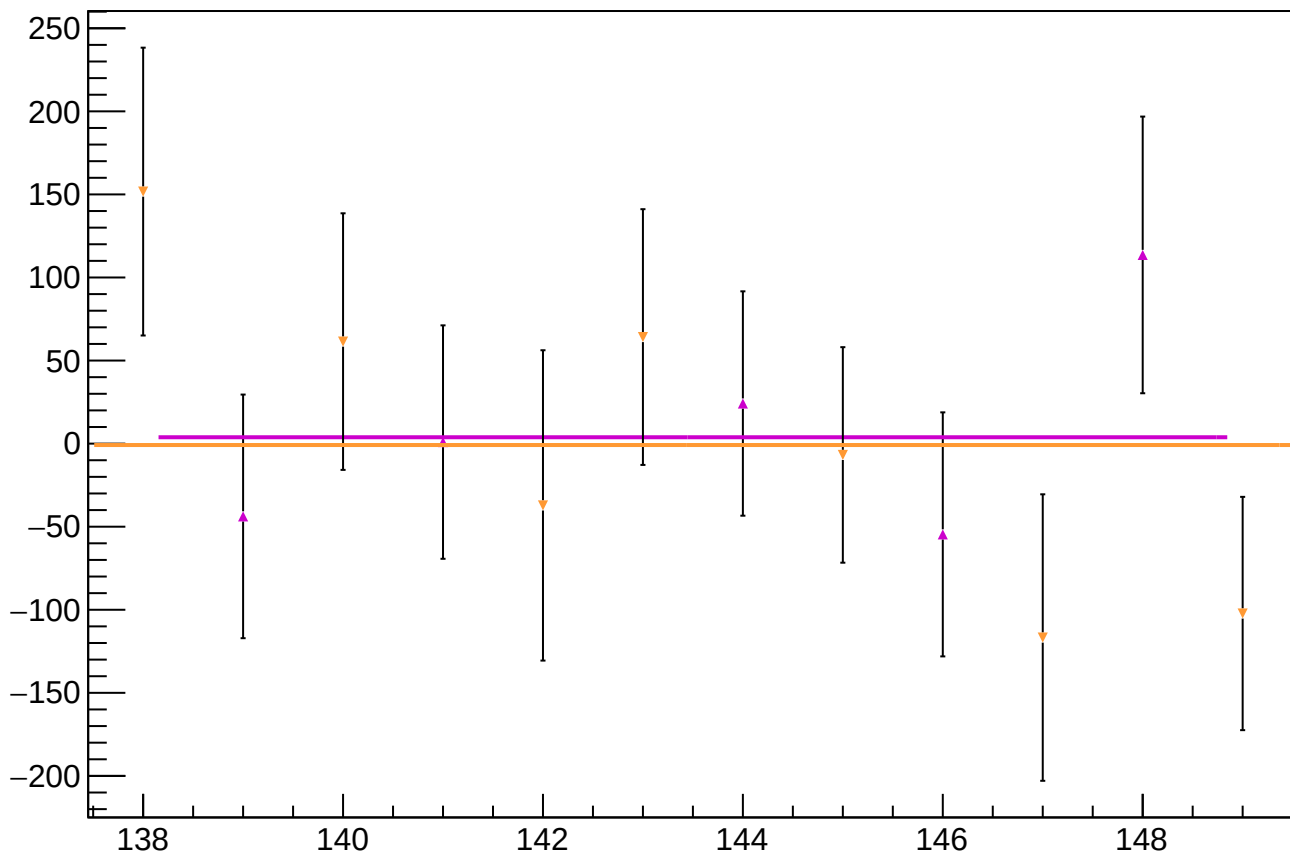
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 221.853+/-0.053 χ^2/NDF :4010300.6/21

Out: 196.437+/-0.045 χ^2/NDF :4976345.4/25

All: 207.110+/-0.034 χ^2/NDF : 9120051.2/47

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: -0.844+/-29.367 χ^2/NDF :8.5/6

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

Left In: 3.833+/-32.658 χ^2/NDF :2.9/4

Left: 1.247+/-21.837 χ^2/NDF : 11.4/11

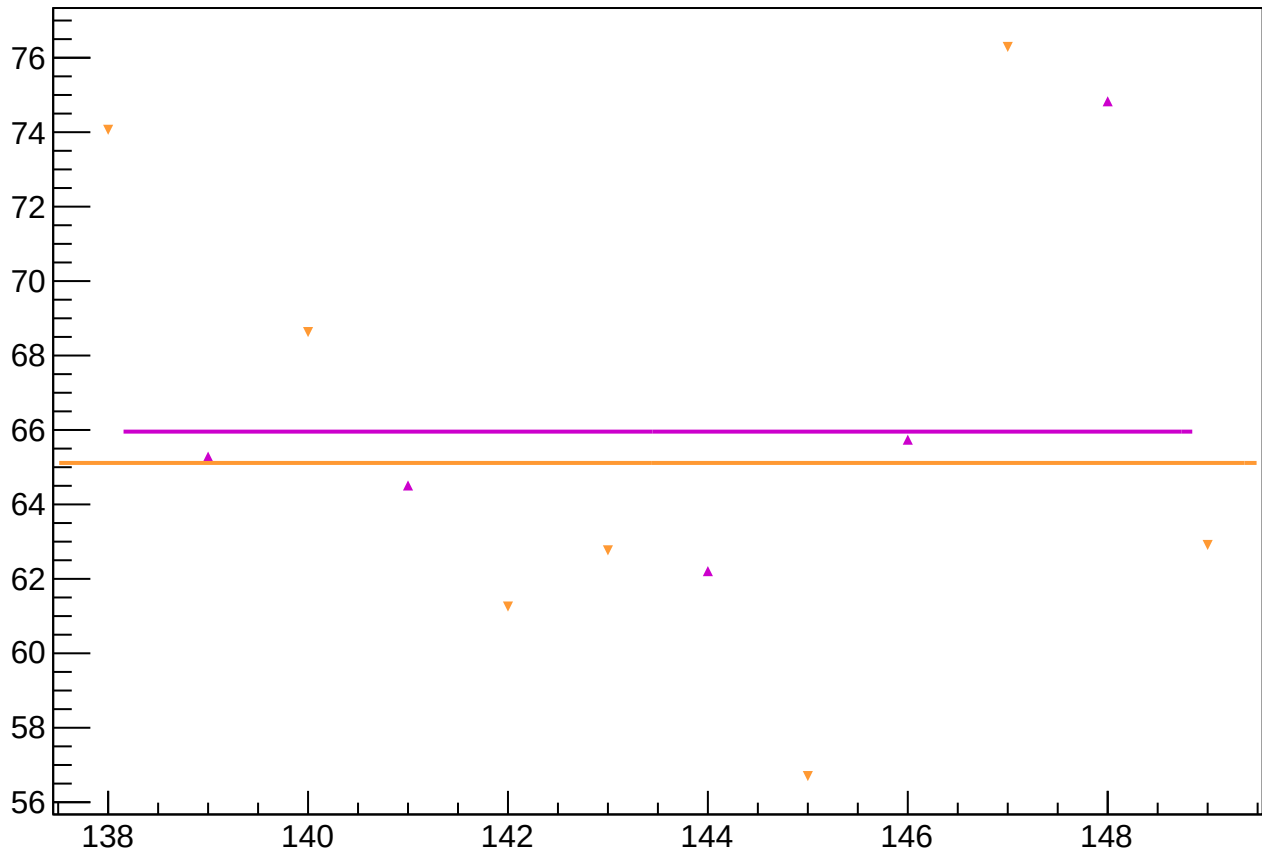
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.833+/-32.658 χ^2/NDF :2.9/4

Out: -0.844+/-29.367 χ^2/NDF :8.5/6

All: 1.247+/-21.837 χ^2/NDF : 11.4/11

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 65.115+/-0.021 χ^2/NDF :99993.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 65.956+/-0.023 χ^2/NDF :29915.6/4

Left: 65.491+/-0.015 χ^2/NDF : 130642.4/11

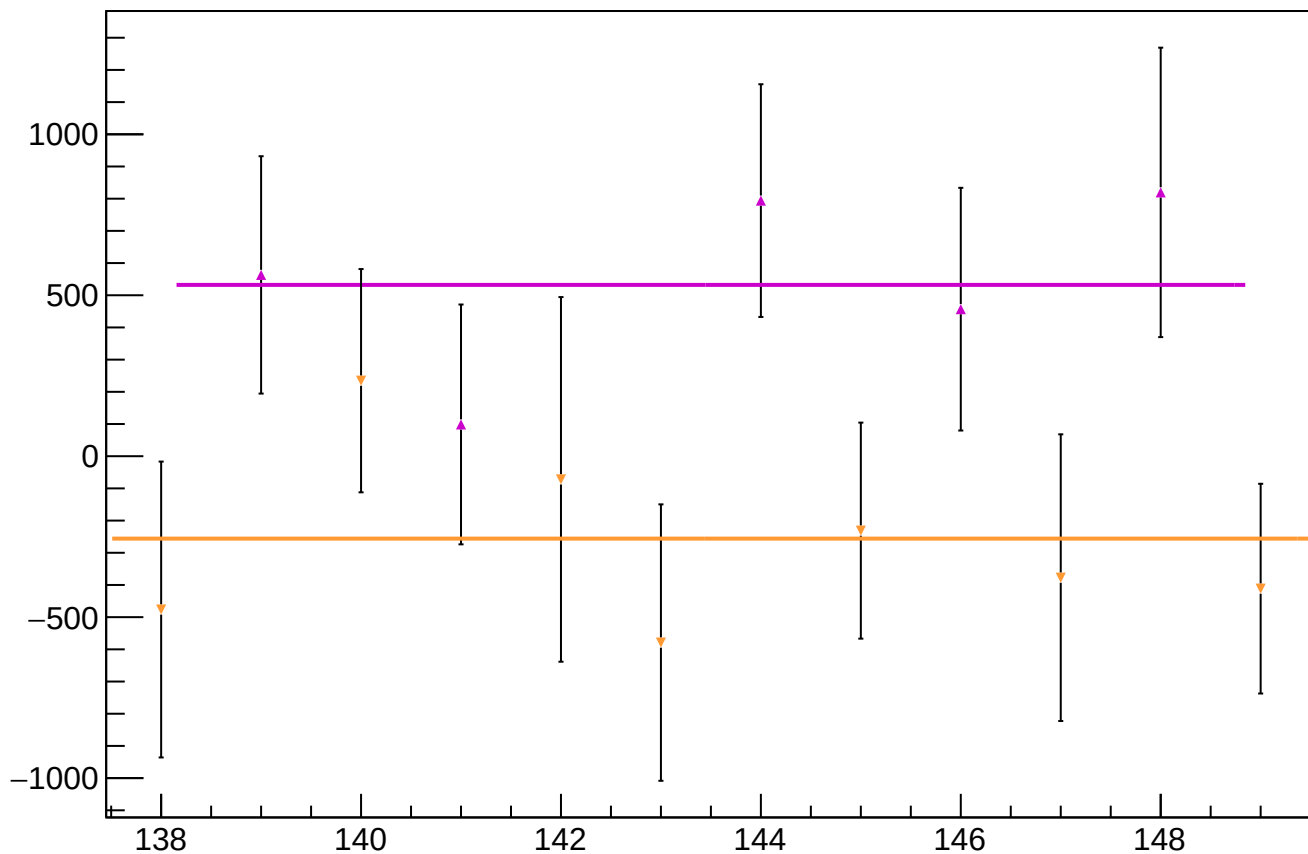
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.956+/-0.023 χ^2/NDF :29915.6/4

Out: 65.115+/-0.021 χ^2/NDF :99993.2/6

All: 65.491+/-0.015 χ^2/NDF : 130642.4/11

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -255.980+/-149.176 χ^2/NDF : 3.2/6

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

Left In: 532.178+/-170.993 χ^2/NDF : 2.3/4

Left: 84.640+/-112.411 χ^2/NDF : 17.6/11

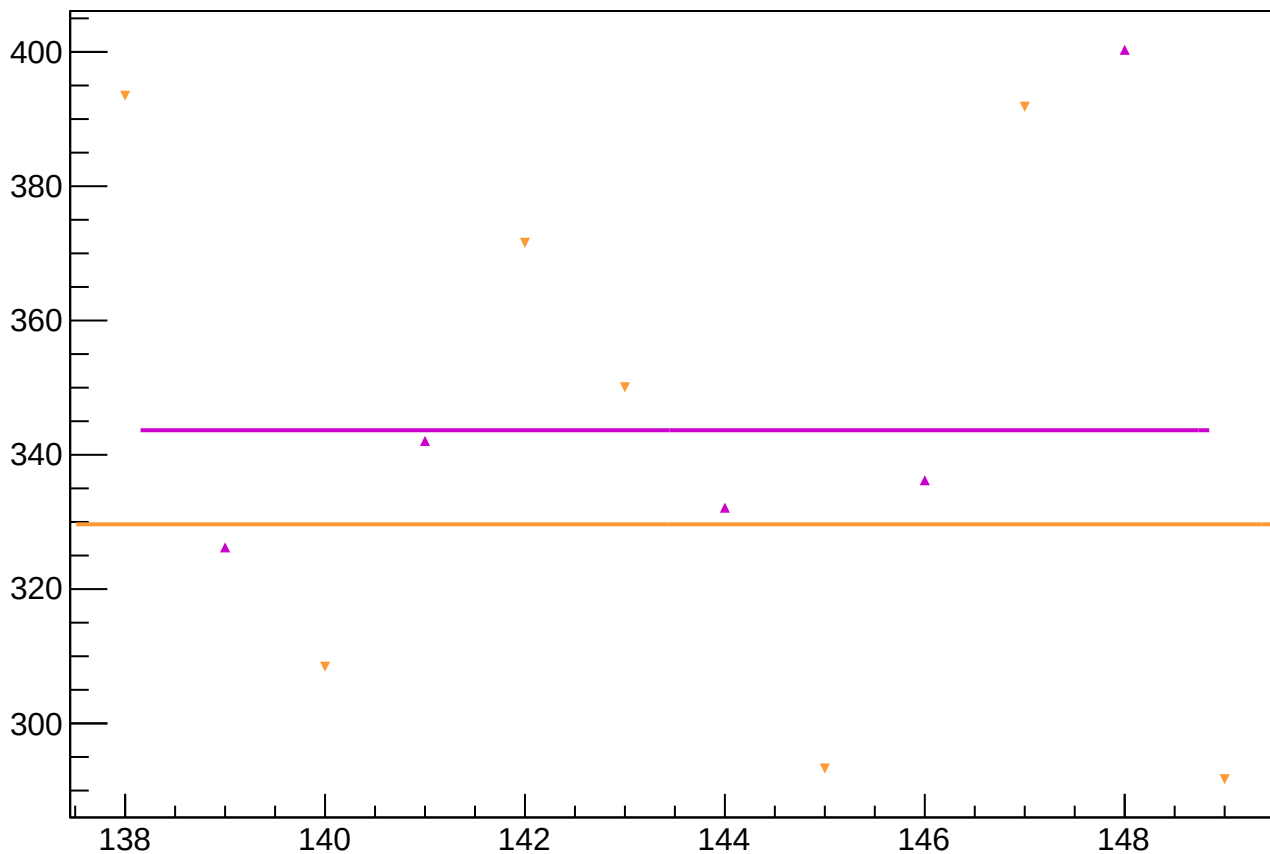
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 532.178+/-170.993 χ^2/NDF : 2.3/4

Out: -255.980+/-149.176 χ^2/NDF : 3.2/6

All: 84.640+/-112.411 χ^2/NDF : 17.6/11

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 329.649+/-0.105 χ^2/NDF :151186.7/6

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

Left In: 343.658+/-0.121 χ^2/NDF :39088.4/4

Left: 335.703+/-0.079 χ^2/NDF : 197898.0/11

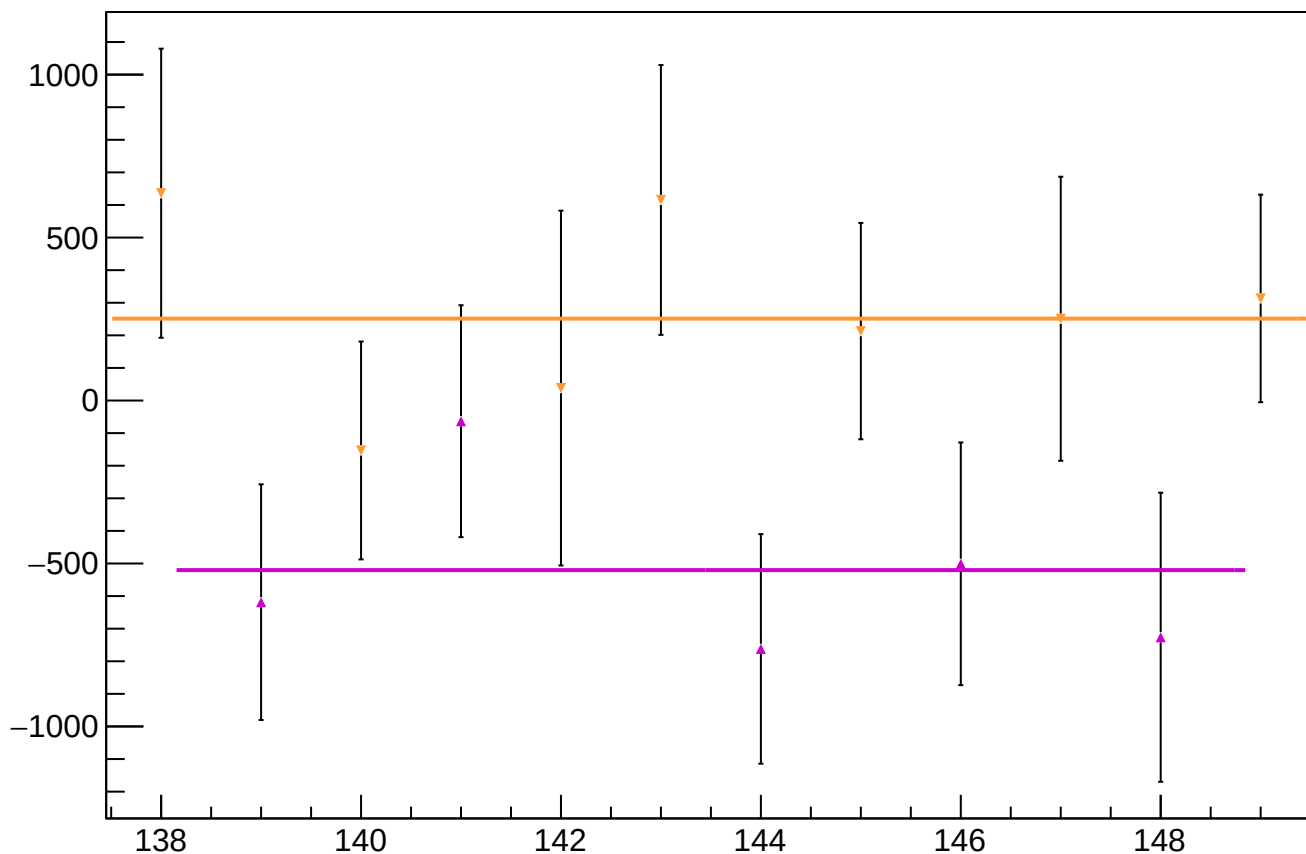
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 343.658+/-0.121 χ^2/NDF :39088.4/4

Out: 329.649+/-0.105 χ^2/NDF :151186.7/6

All: 335.703+/-0.079 χ^2/NDF : 197898.0/11

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 251.339+/-145.170 χ^2/NDF : 3.2/6

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

Left In: -520.331+/-166.882 χ^2/NDF : 2.4/4

Left: -81.062+/-109.528 χ^2/NDF : 17.8/11

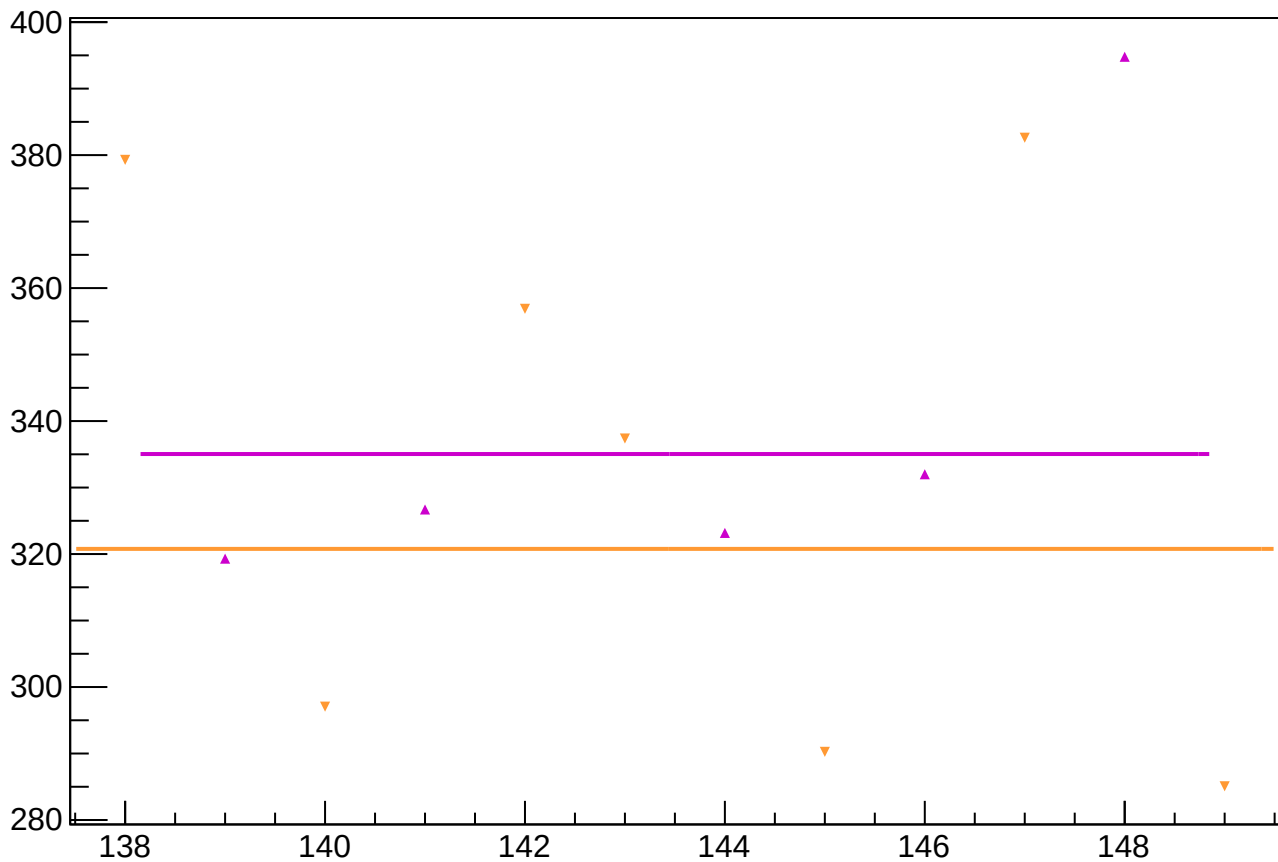
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -520.331+/-166.882 χ^2/NDF : 2.4/4

Out: 251.339+/-145.170 χ^2/NDF : 3.2/6

All: -81.062+/-109.528 χ^2/NDF : 17.8/11

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 320.777+/-0.103 χ^2/NDF :139233.1/6

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

Left In: 335.043+/-0.118 χ^2/NDF :43587.3/4

Left: 326.922+/-0.077 χ^2/NDF : 191140.7/11

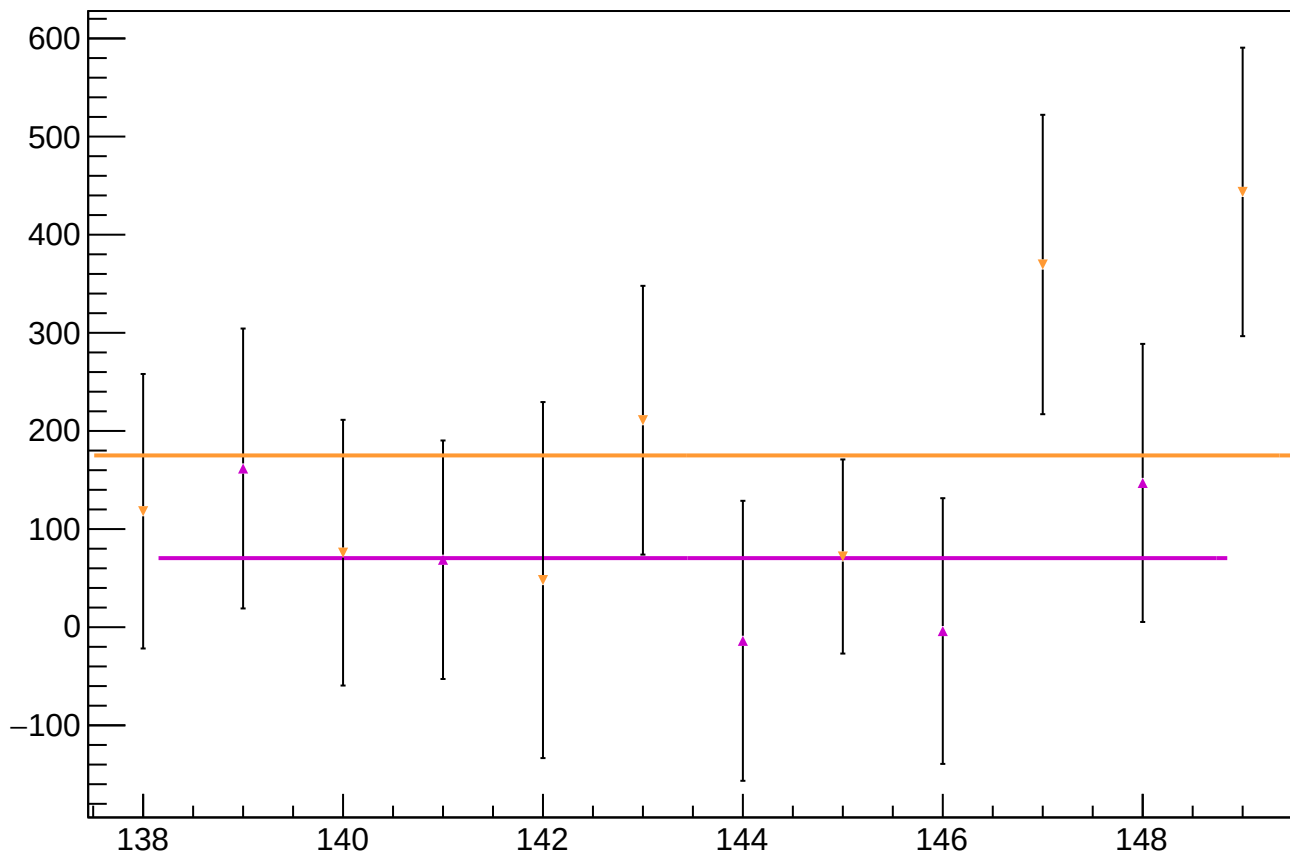
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 335.043+/-0.118 χ^2/NDF :43587.3/4

Out: 320.777+/-0.103 χ^2/NDF :139233.1/6

All: 326.922+/-0.077 χ^2/NDF : 191140.7/11

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 175.045+/-51.242 χ^2/NDF : 7.3/6

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

Left In: 70.392+/-60.817 χ^2/NDF : 1.4/4

Left: 131.596+/-39.187 χ^2/NDF : 10.4/11

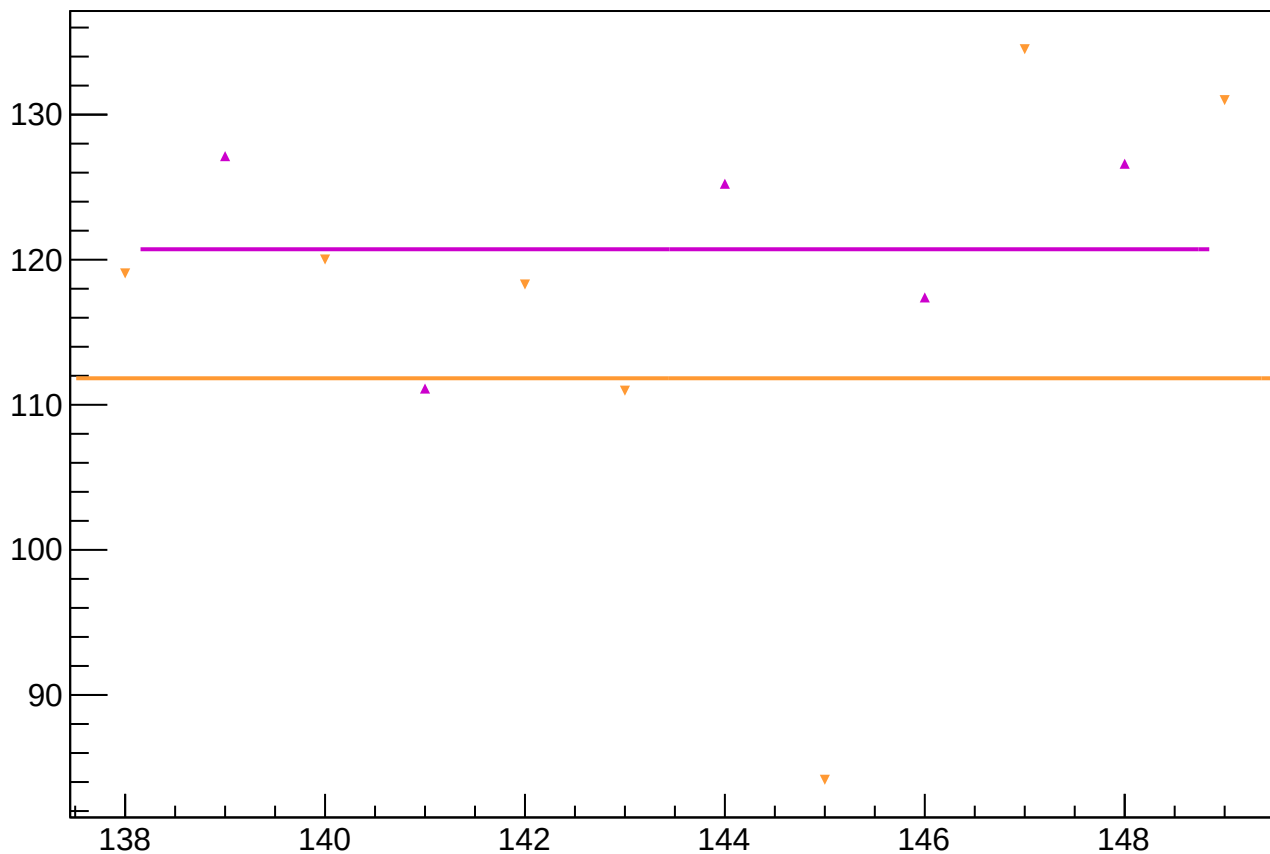
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.392+/-60.817 χ^2/NDF : 1.4/4

Out: 175.045+/-51.242 χ^2/NDF : 7.3/6

All: 131.596+/-39.187 χ^2/NDF : 10.4/11

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 111.828+/-0.036 χ^2/NDF :250025.5/6

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

Left In: 120.720+/-0.043 χ^2/NDF :23199.2/4

Left: 115.520+/-0.028 χ^2/NDF : 298232.6/11

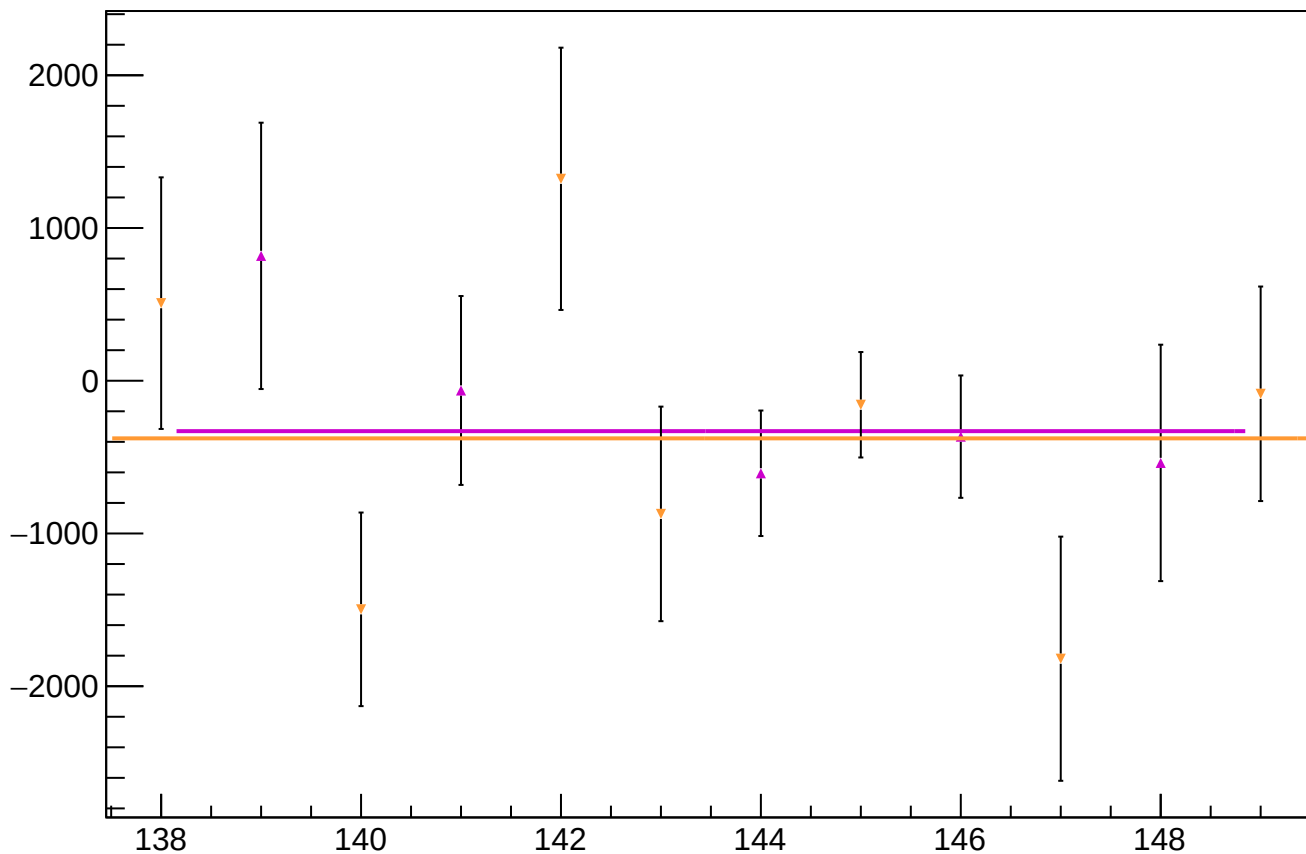
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.720+/-0.043 χ^2/NDF :23199.2/4

Out: 111.828+/-0.036 χ^2/NDF :250025.5/6

All: 115.520+/-0.028 χ^2/NDF : 298232.6/11

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -377.255+/-227.426 χ^2/NDF :12.5/6

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

Left In: -330.022+/-237.297 χ^2/NDF :2.4/4

Left: -354.642+/-164.193 χ^2/NDF : 15.0/11

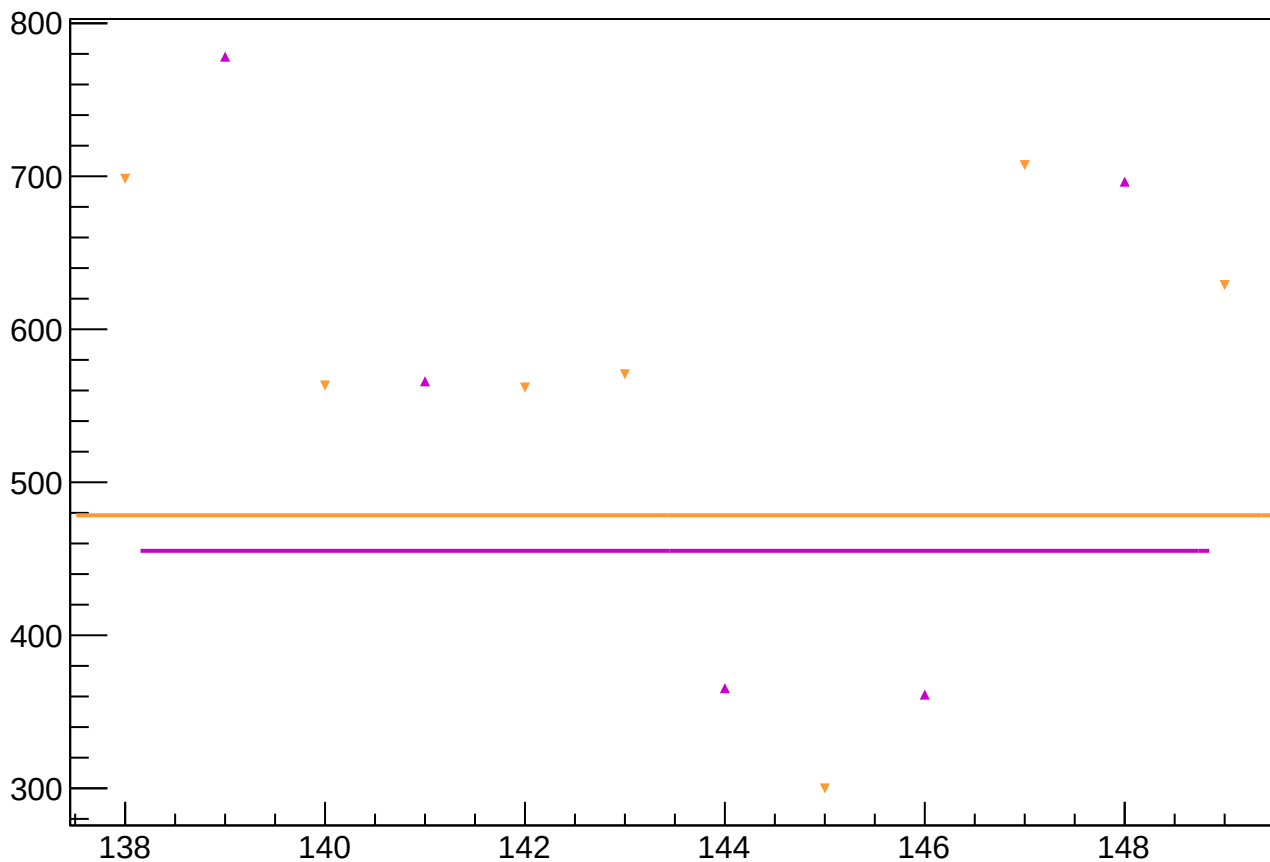
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -330.022+/-237.297 χ^2/NDF :2.4/4

Out: -377.255+/-227.426 χ^2/NDF :12.5/6

All: -354.642+/-164.193 χ^2/NDF : 15.0/11

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 478.447+/-0.161 χ^2/NDF :1022470.7/6

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

Left In: 455.214+/-0.168 χ^2/NDF :738722.9/4

Left: 467.324+/-0.116 χ^2/NDF : 1771186.2/11

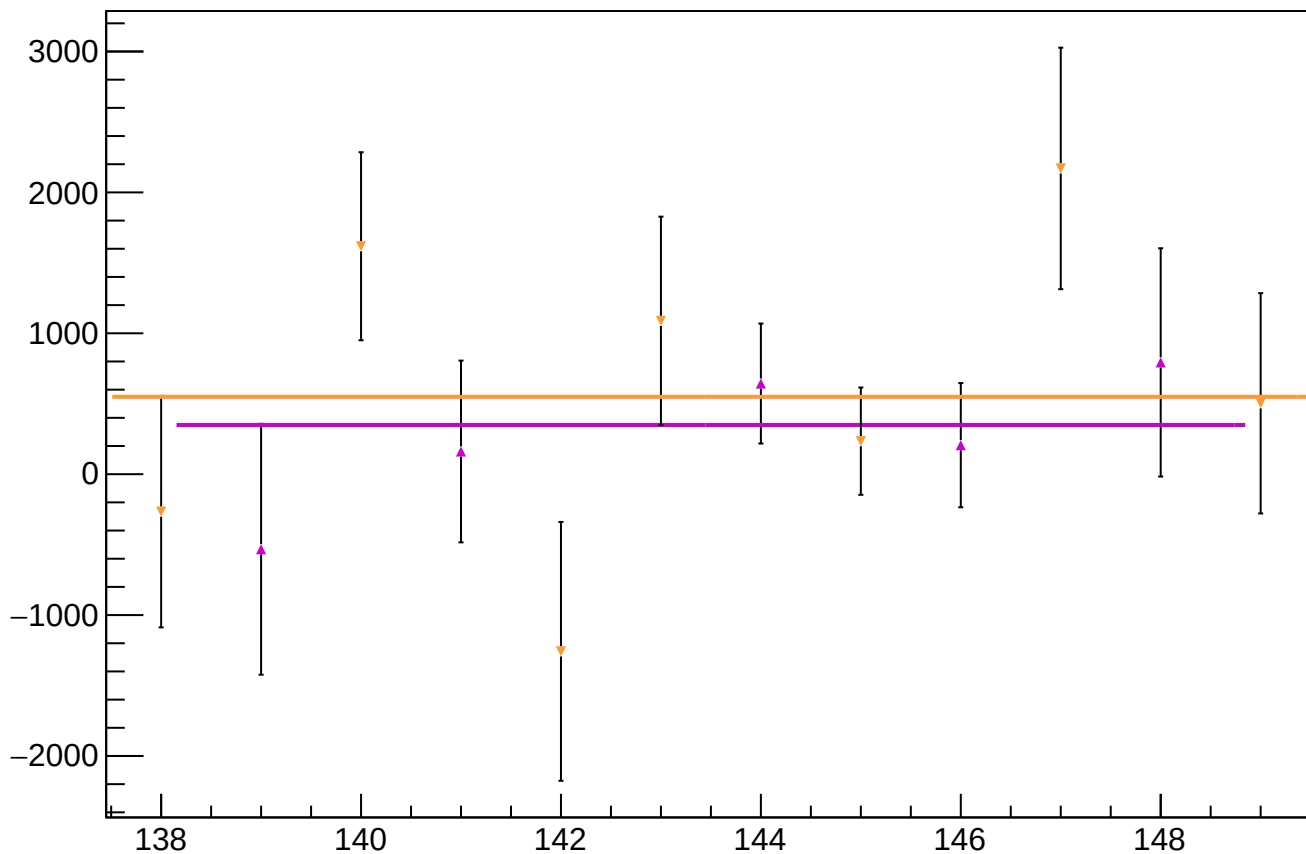
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 455.214+/-0.168 χ^2/NDF :738722.9/4

Out: 478.447+/-0.161 χ^2/NDF :1022470.7/6

All: 467.324+/-0.116 χ^2/NDF : 1771186.2/11

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 548.917+/-245.207 χ^2/NDF :12.2/6

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

Left In: 349.060+/-251.143 χ^2/NDF :1.9/4

Left: 451.378+/-175.449 χ^2/NDF : 14.5/11

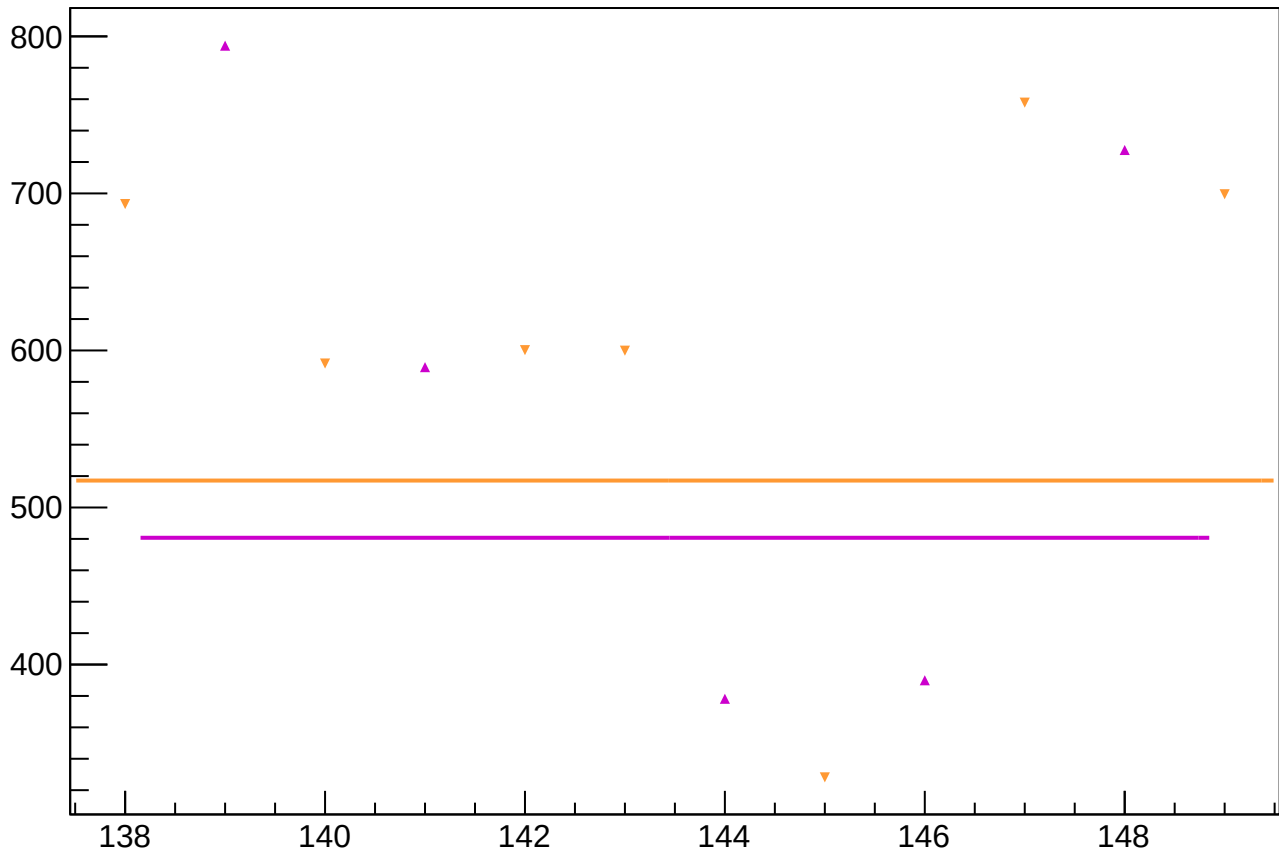
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 349.060+/-251.143 χ^2/NDF :1.9/4

Out: 548.917+/-245.207 χ^2/NDF :12.2/6

All: 451.378+/-175.449 χ^2/NDF : 14.5/11

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 517.161+/-0.173 χ^2/NDF : 917212.4/6

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

Left In: 480.718+/-0.178 χ^2/NDF : 691003.2/4

Left: 499.375+/-0.124 χ^2/NDF : 1629775.2/11

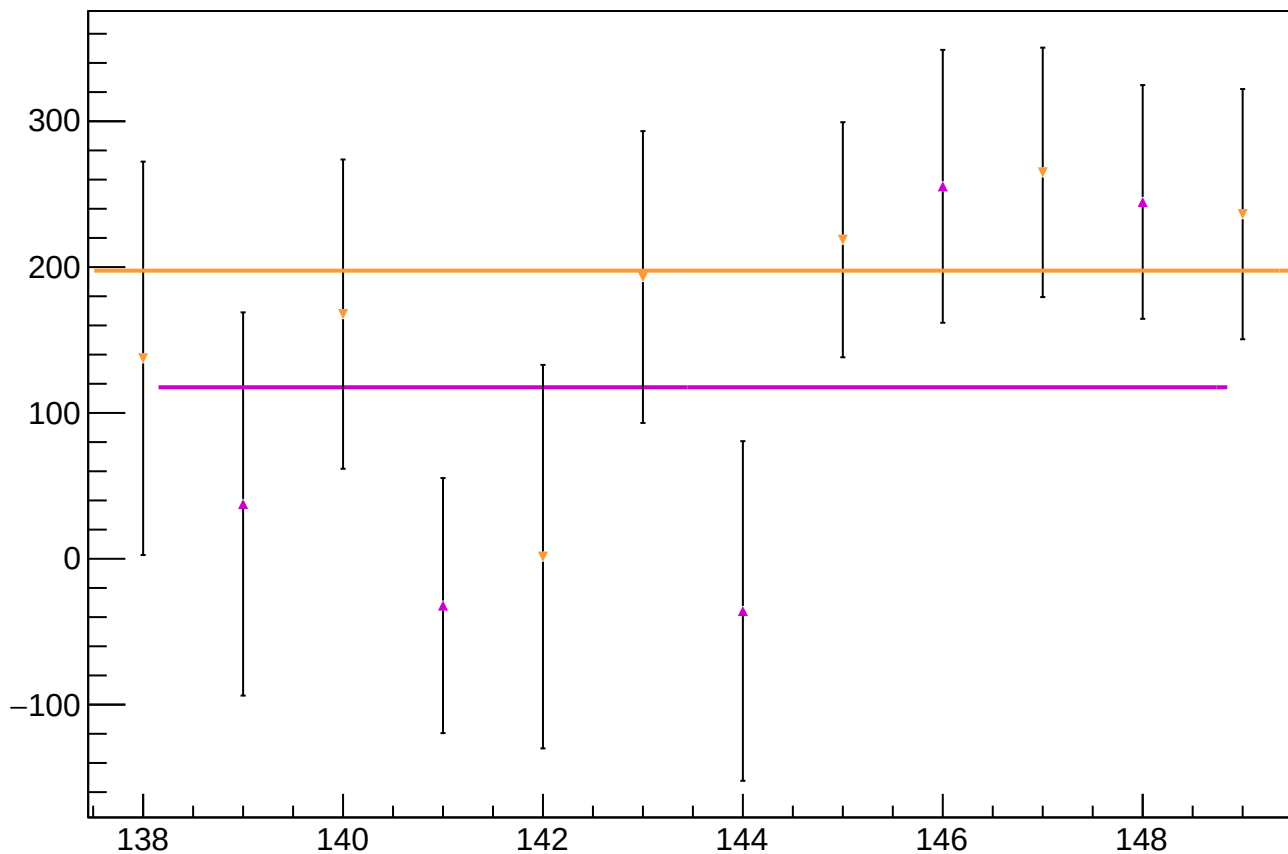
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 480.718+/-0.178 χ^2/NDF : 691003.2/4

Out: 517.161+/-0.173 χ^2/NDF : 917212.4/6

All: 499.375+/-0.124 χ^2/NDF : 1629775.2/11

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 197.578+/-37.056 χ^2/NDF : 3.4/6

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

Left In: 117.618+/-43.339 χ^2/NDF : 9.7/4

Left: 163.809+/-28.165 χ^2/NDF : 15.1/11

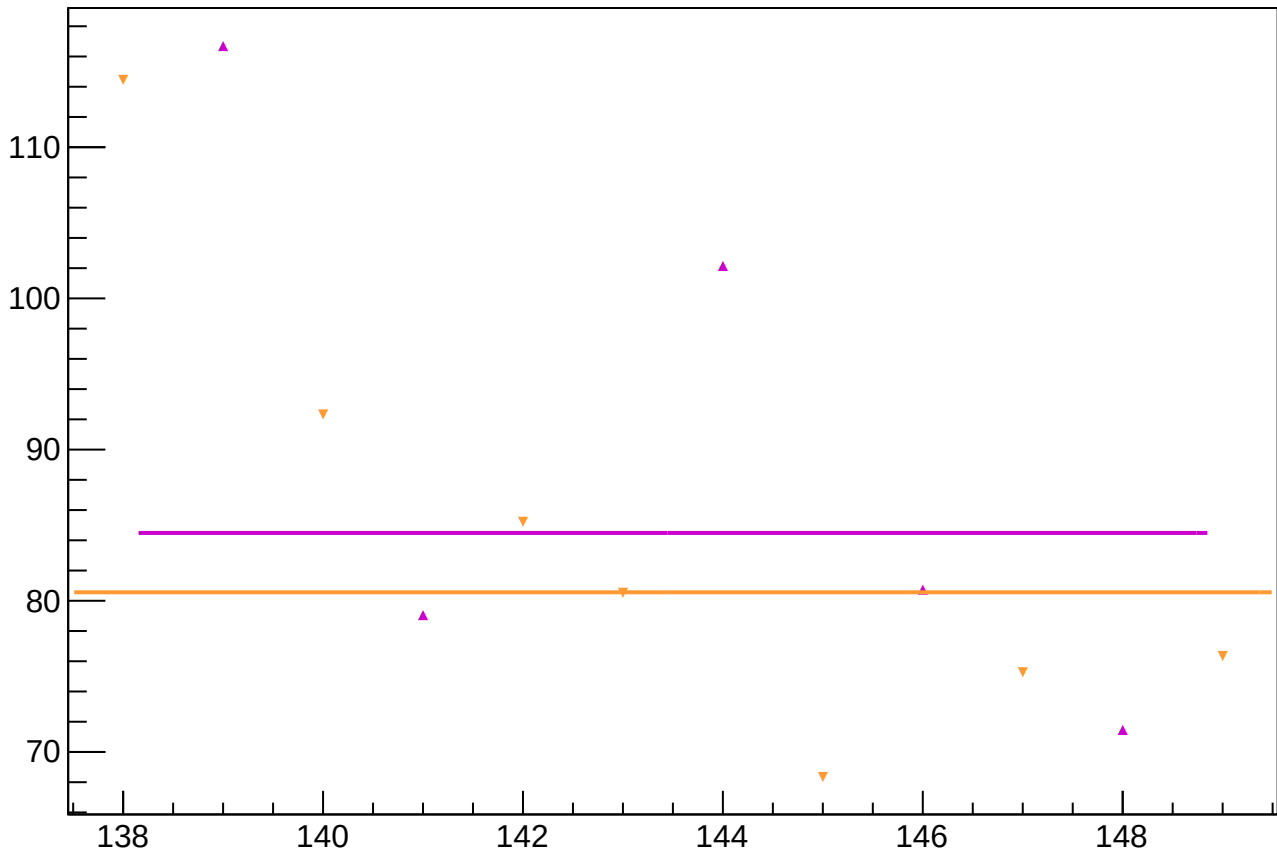
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.618+/-43.339 χ^2/NDF : 9.7/4

Out: 197.578+/-37.056 χ^2/NDF : 3.4/6

All: 163.809+/-28.165 χ^2/NDF : 15.1/11

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.562+/-0.026 χ^2/NDF :211841.5/6

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

Left In: 84.487+/-0.031 χ^2/NDF :229940.4/4

Left: 82.220+/-0.020 χ^2/NDF : 451260.0/11

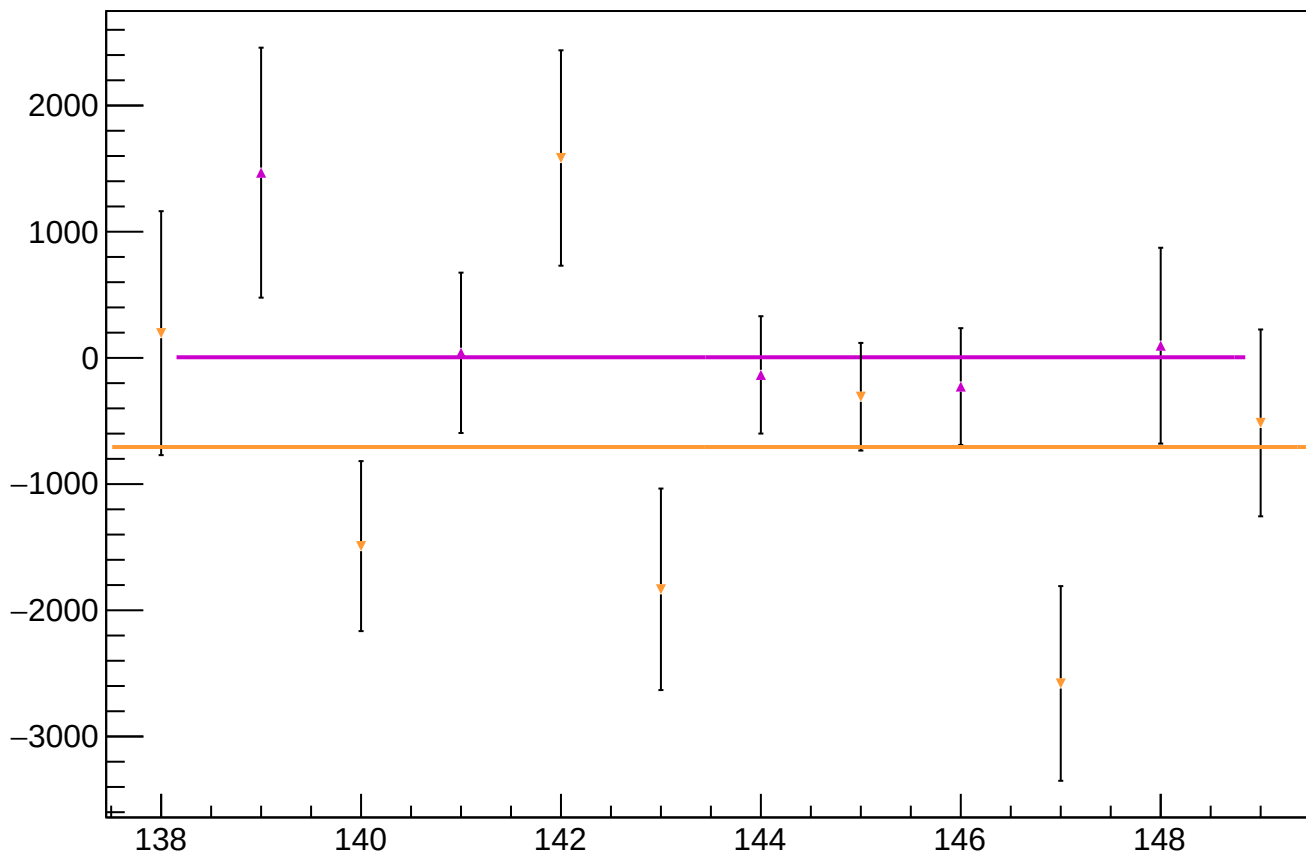
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.487+/-0.031 χ^2/NDF :229940.4/4

Out: 80.562+/-0.026 χ^2/NDF :211841.5/6

All: 82.220+/-0.020 χ^2/NDF : 451260.0/11

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -706.157+/-256.357 χ^2/NDF :18.3/6

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

Left In: 5.160+/-263.039 χ^2/NDF :2.5/4

Left: -359.648+/-183.589 χ^2/NDF : 24.6/11

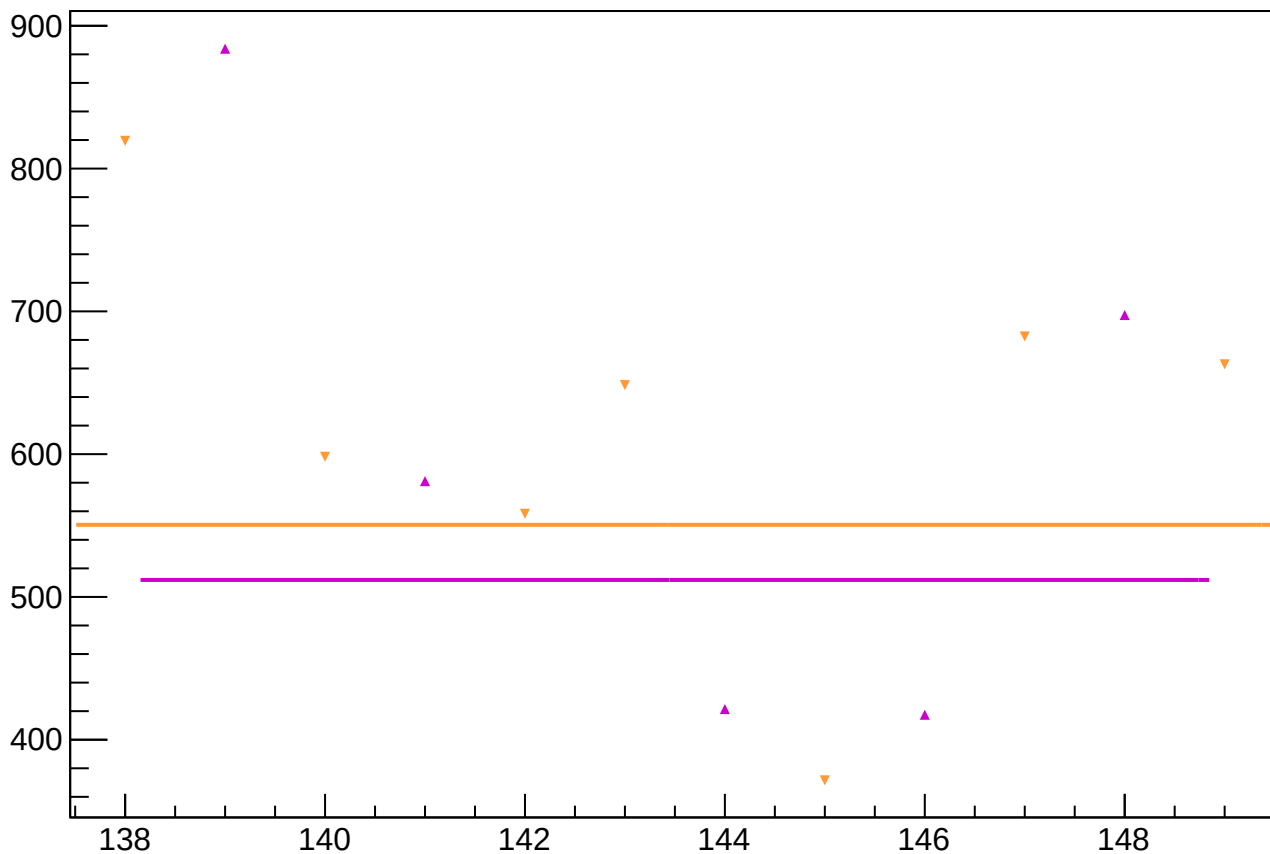
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.160+/-263.039 χ^2/NDF :2.5/4

Out: -706.157+/-256.357 χ^2/NDF :18.3/6

All: -359.648+/-183.589 χ^2/NDF : 24.6/11

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 550.517+/-0.181 χ^2/NDF : 651605.1/6

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

Left In: 511.899+/-0.186 χ^2/NDF : 579195.2/4

Left: 531.704+/-0.130 χ^2/NDF : 1252909.6/11

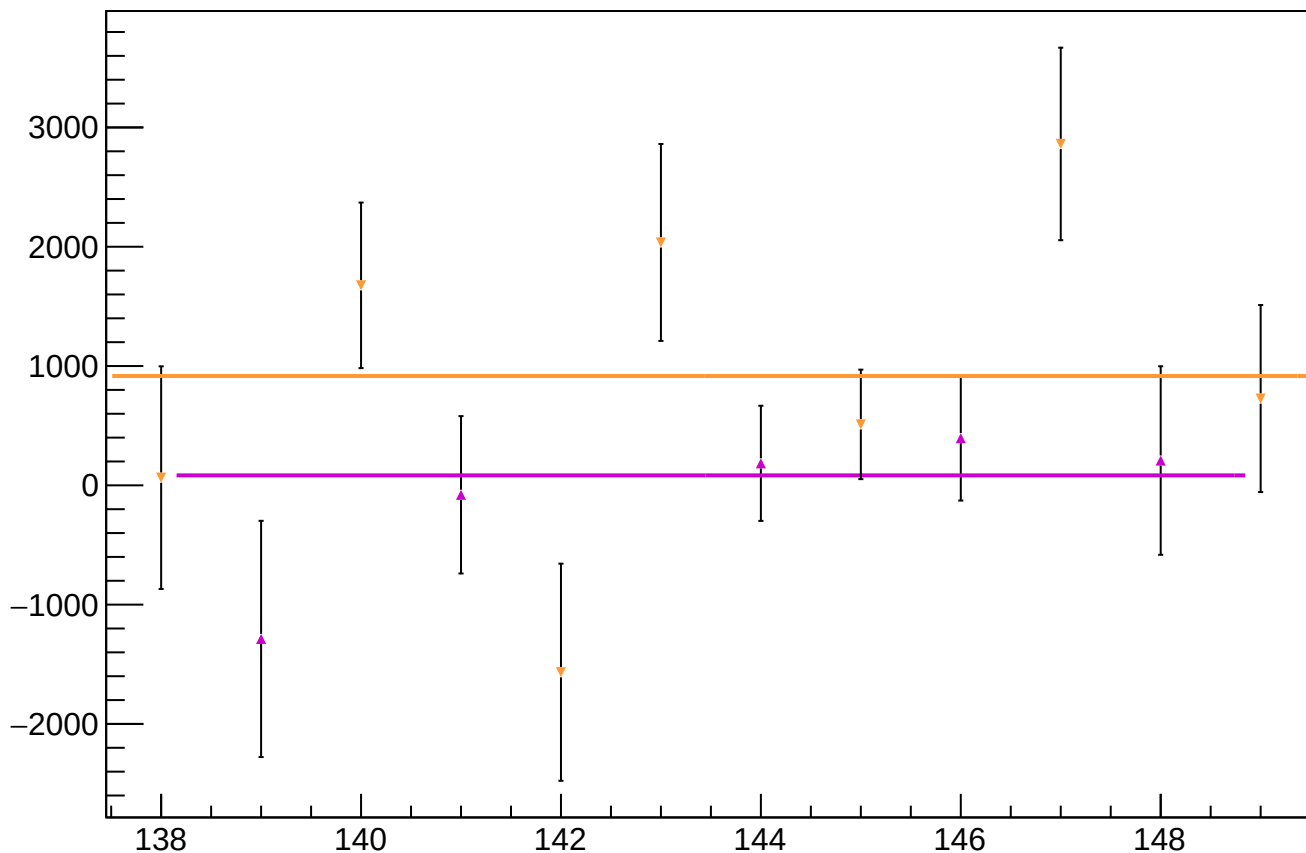
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 511.899+/-0.186 χ^2/NDF : 579195.2/4

Out: 550.517+/-0.181 χ^2/NDF : 651605.1/6

All: 531.704+/-0.130 χ^2/NDF : 1252909.6/11

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 916.396+/-269.071 χ^2/NDF :18.0/6

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

Left In: 83.518+/-278.748 χ^2/NDF :2.4/4

Left: 514.663+/-193.593 χ^2/NDF : 25.0/11

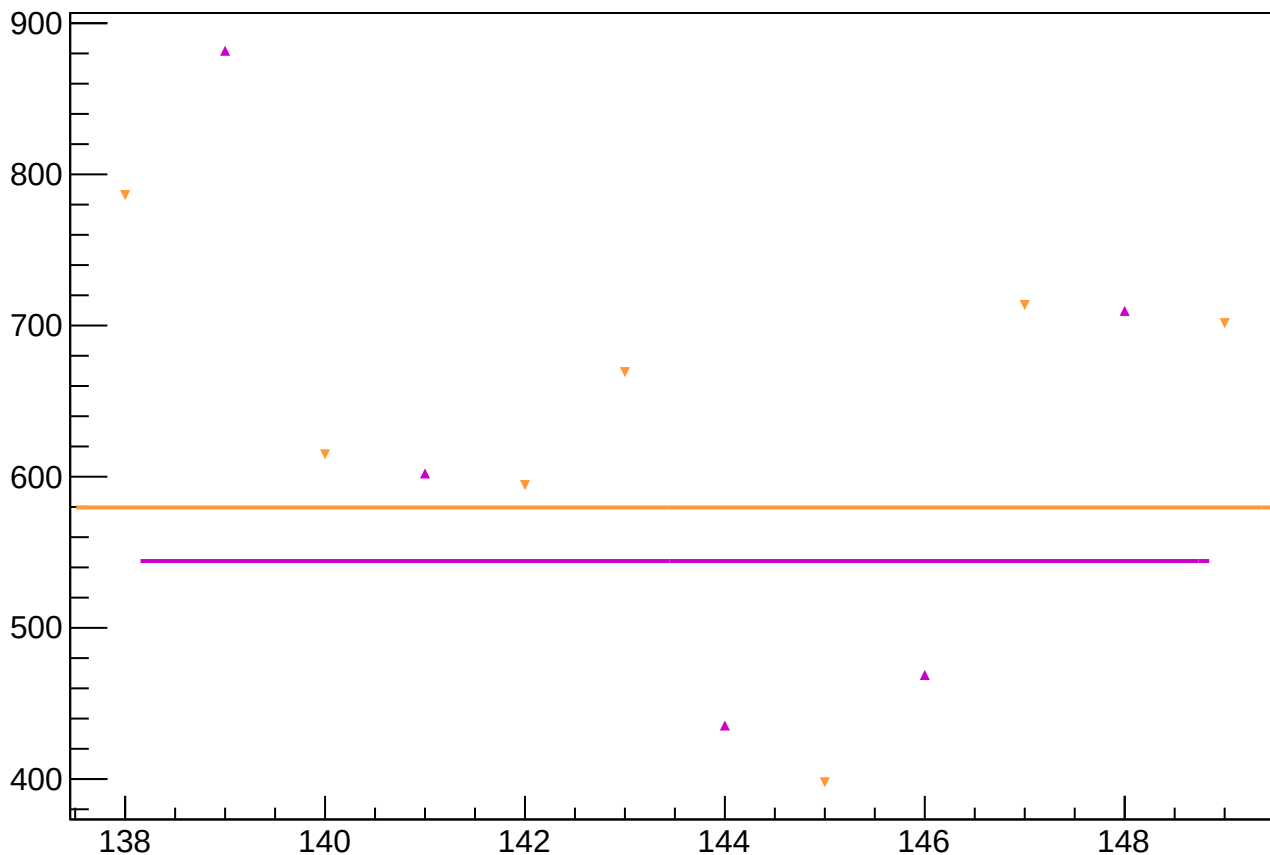
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.518+/-278.748 χ^2/NDF :2.4/4

Out: 916.396+/-269.071 χ^2/NDF :18.0/6

All: 514.663+/-193.593 χ^2/NDF : 25.0/11

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 579.644+/-0.190 χ^2/NDF :544649.4/6

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

Left In: 544.217+/-0.197 χ^2/NDF :478781.0/4

Left: 562.556+/-0.137 χ^2/NDF : 1040154.6/11

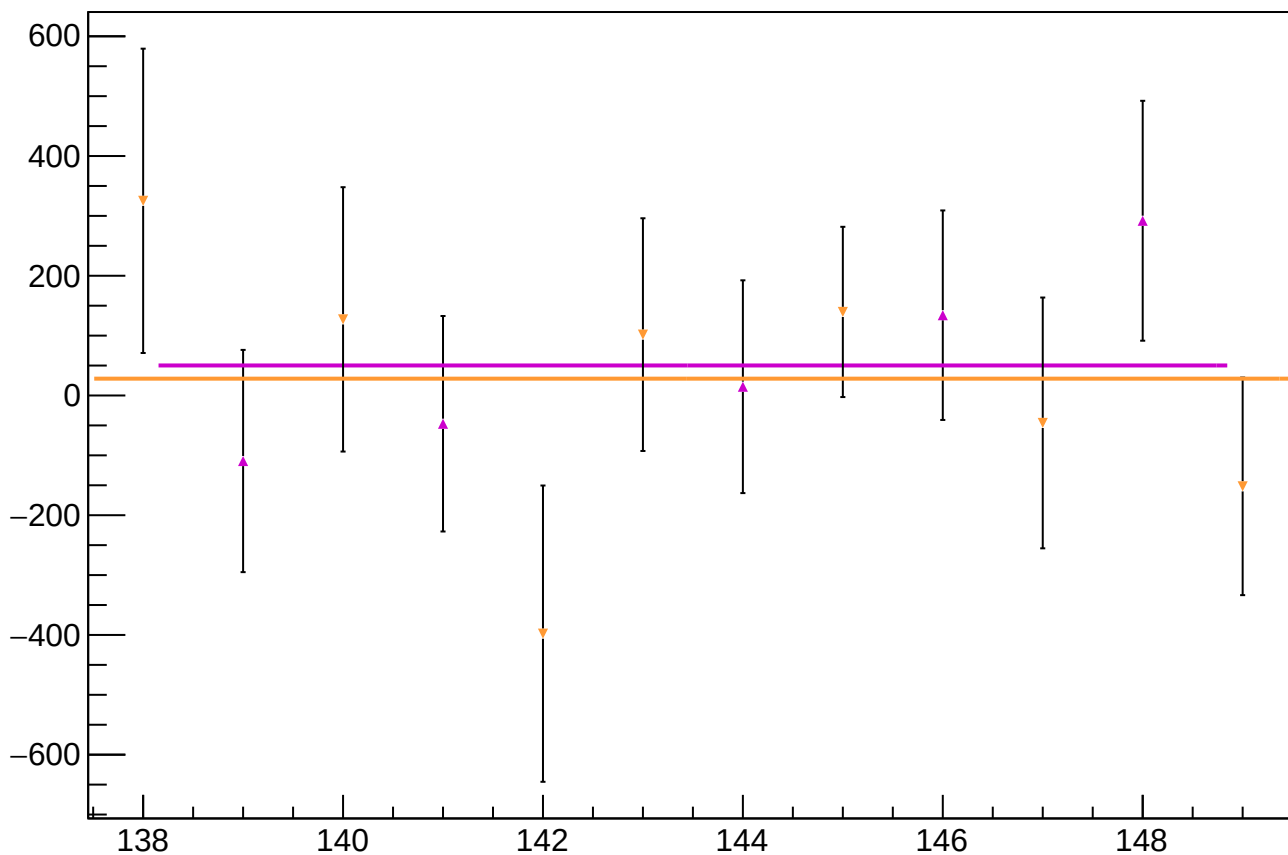
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 544.217+/-0.197 χ^2/NDF :478781.0/4

Out: 579.644+/-0.190 χ^2/NDF :544649.4/6

All: 562.556+/-0.137 χ^2/NDF : 1040154.6/11

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 28.109+/-74.264 χ^2/NDF : 6.4/6

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

Left In: 50.154+/-81.886 χ^2/NDF : 2.8/4

Left: 38.058+/-55.010 χ^2/NDF : 9.2/11

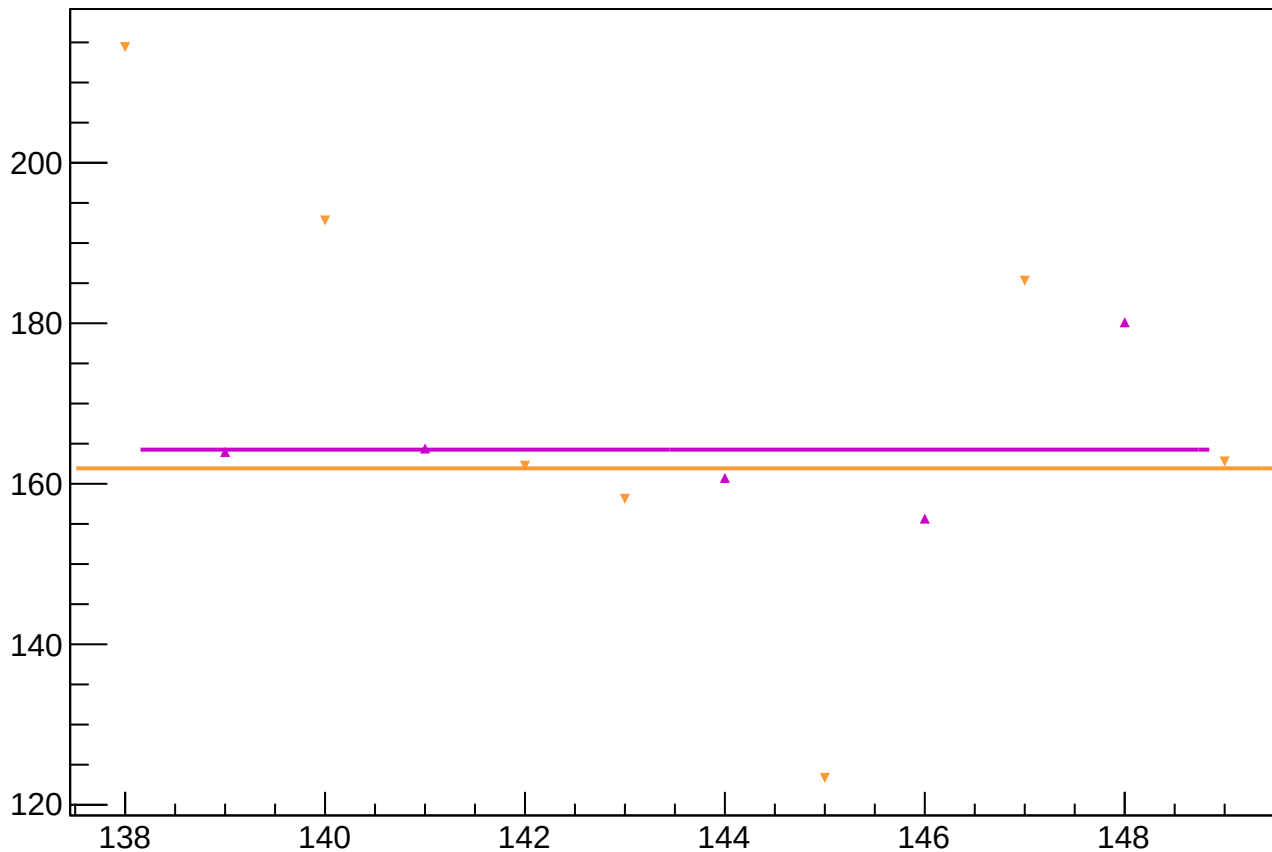
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 50.154+/-81.886 χ^2/NDF : 2.8/4

Out: 28.109+/-74.264 χ^2/NDF : 6.4/6

All: 38.058+/-55.010 χ^2/NDF : 9.2/11

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 161.930+/-0.053 χ^2/NDF : 297377.6/6

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

Left In: 164.256+/-0.058 χ^2/NDF : 18171.9/4

Left: 162.980+/-0.039 χ^2/NDF : 316435.4/11

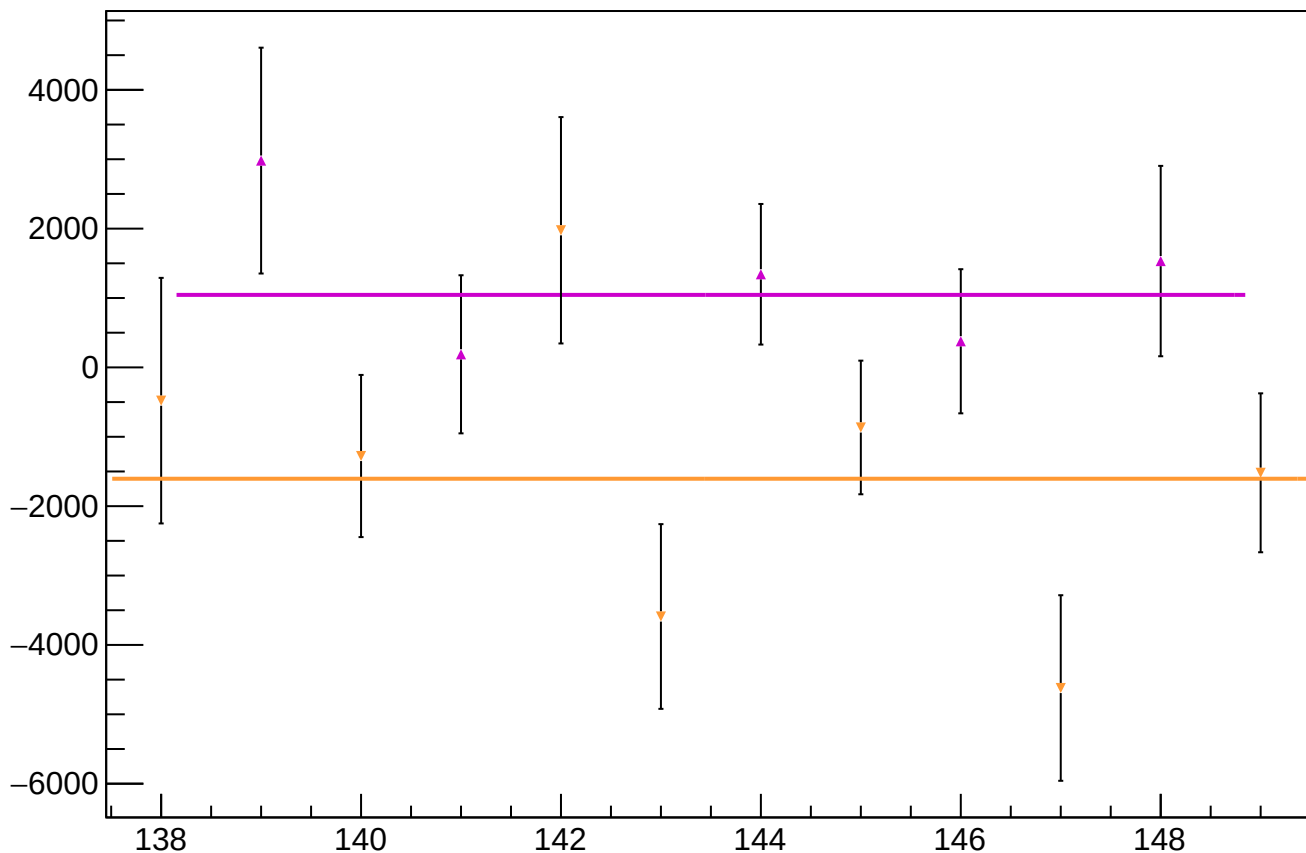
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 164.256+/-0.058 χ^2/NDF : 18171.9/4

Out: 161.930+/-0.053 χ^2/NDF : 297377.6/6

All: 162.980+/-0.039 χ^2/NDF : 316435.4/11

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1604.688+/-477.186 χ^2/NDF :13.2/6

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

Left In: 1044.998+/-528.517 χ^2/NDF :2.6/4

Left: -414.732+/-354.182 χ^2/NDF : 29.7/11

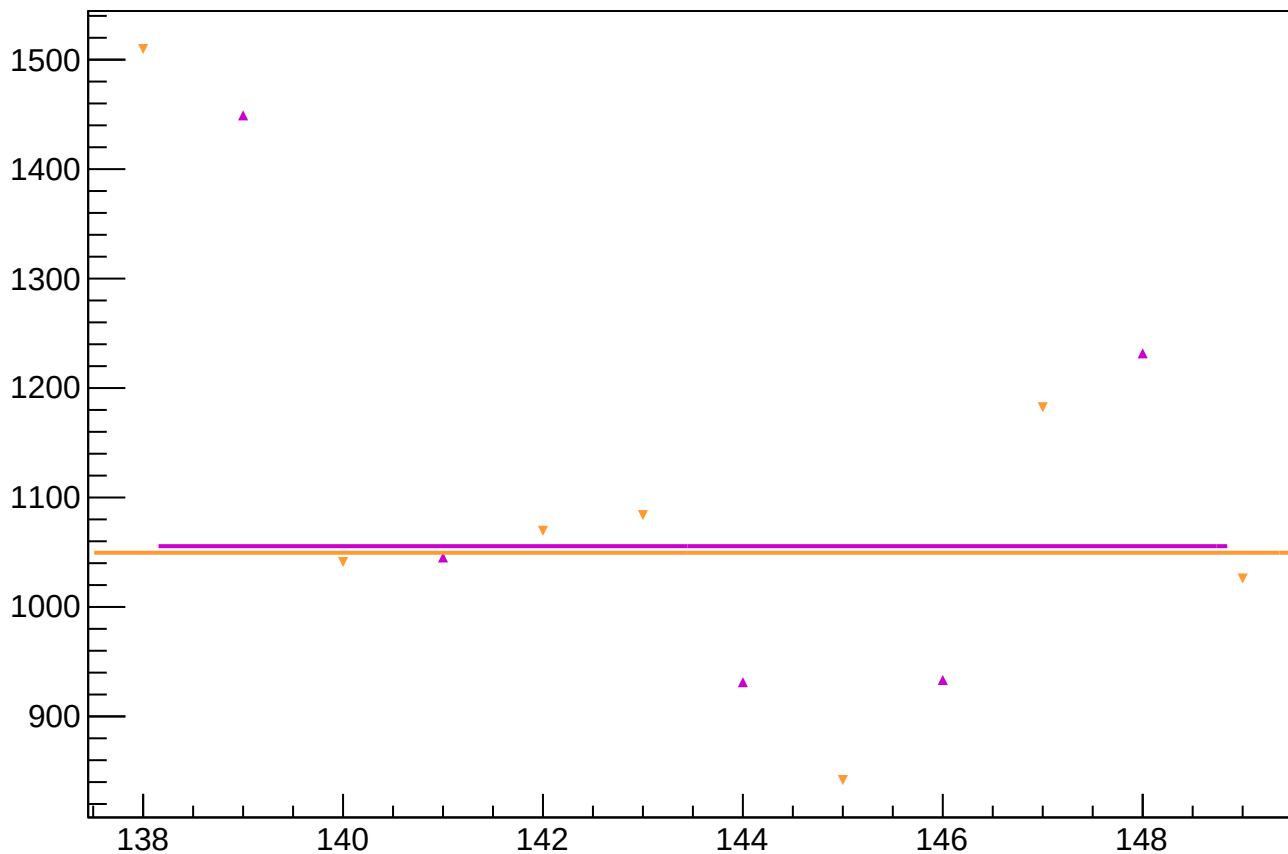
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1044.998+/-528.517 χ^2/NDF :2.6/4

Out: -1604.688+/-477.186 χ^2/NDF :13.2/6

All: -414.732+/-354.182 χ^2/NDF : 29.7/11

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1049.543+/-0.337 χ^2/NDF :250592.2/6

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

Left In: 1055.539+/-0.374 χ^2/NDF :207876.4/4

Left: 1052.236+/-0.250 χ^2/NDF : 458610.4/11

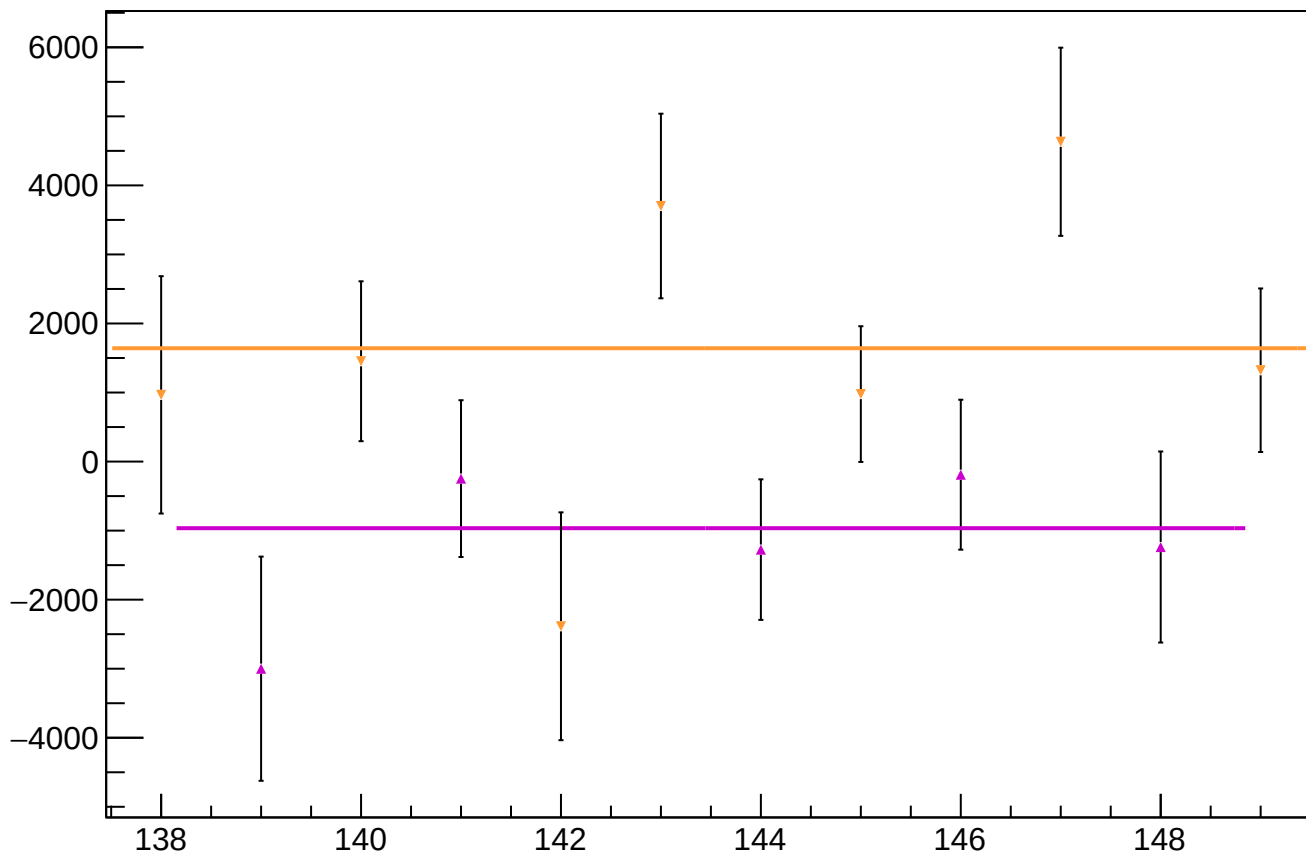
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1055.539+/-0.374 χ^2/NDF :207876.4/4

Out: 1049.543+/-0.337 χ^2/NDF :250592.2/6

All: 1052.236+/-0.250 χ^2/NDF : 458610.4/11

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1641.466+/-482.369 χ^2/NDF :13.9/6

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

Left In: -964.884+/-535.228 χ^2/NDF :2.6/4

Left: 473.315+/-358.321 χ^2/NDF : 29.6/11

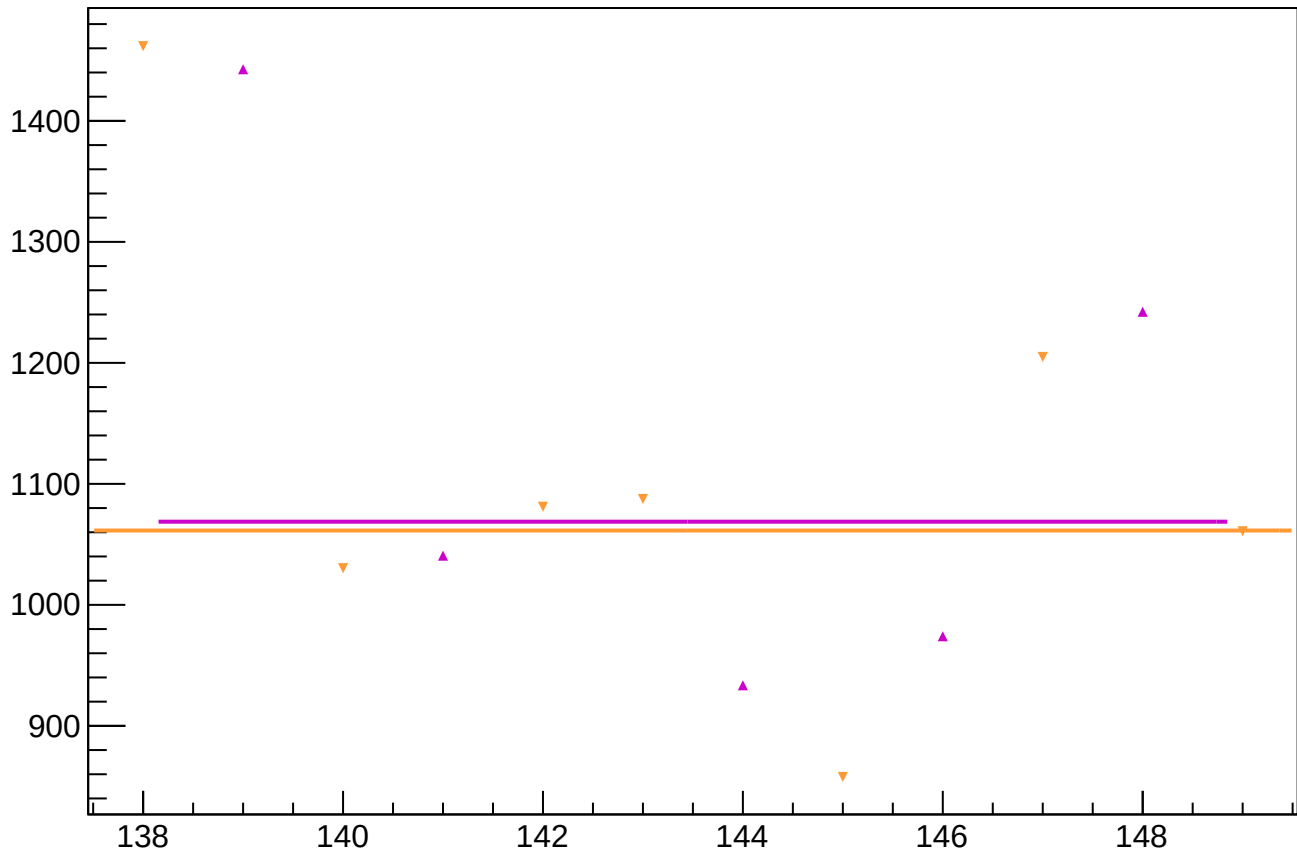
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -964.884+/-535.228 χ^2/NDF :2.6/4

Out: 1641.466+/-482.369 χ^2/NDF :13.9/6

All: 473.315+/-358.321 χ^2/NDF : 29.6/11

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1061.436+/-0.341 χ^2/NDF :219031.1/6

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

Left In: 1068.740+/-0.378 χ^2/NDF :189296.9/4

Left: 1064.710+/-0.253 χ^2/NDF : 408533.6/11

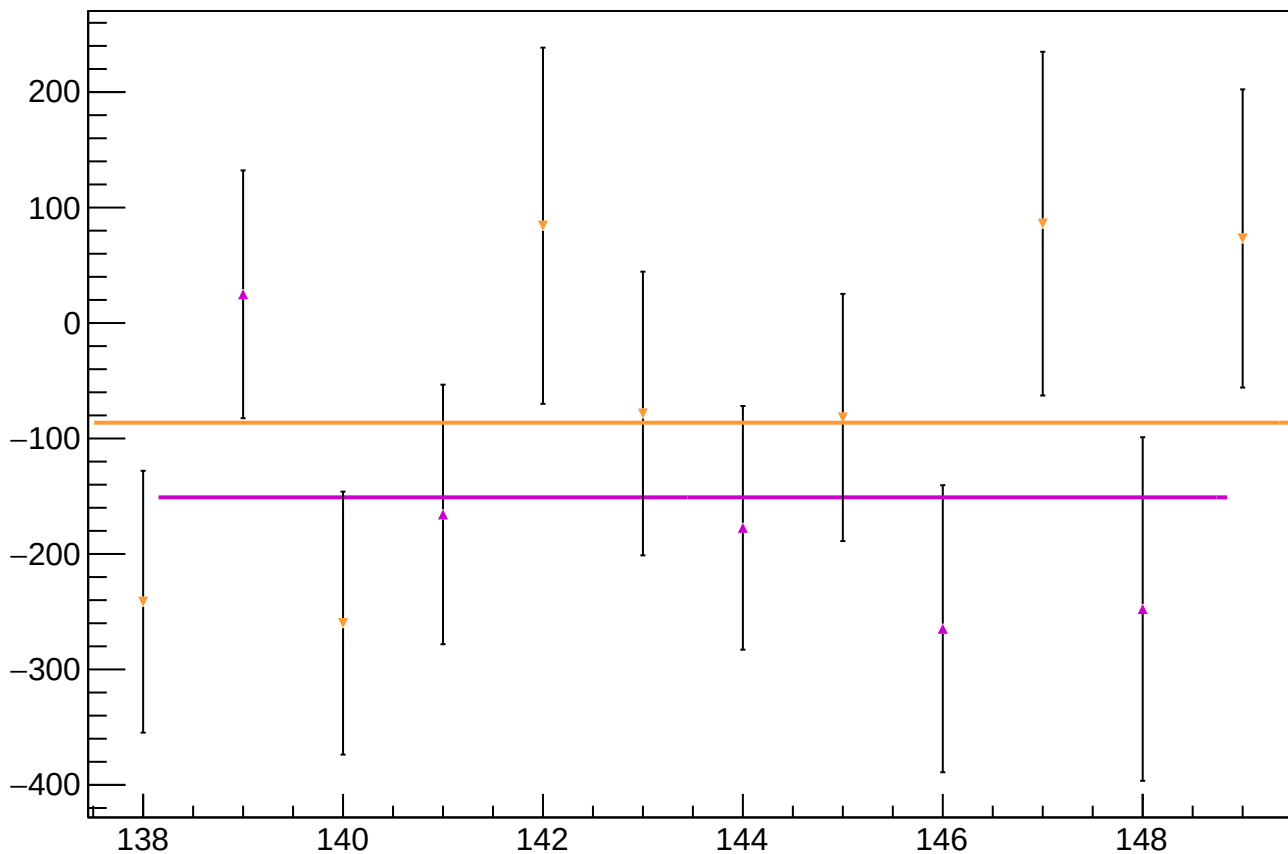
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1068.740+/-0.378 χ^2/NDF :189296.9/4

Out: 1061.436+/-0.341 χ^2/NDF :219031.1/6

All: 1064.710+/-0.253 χ^2/NDF : 408533.6/11

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -86.308+/-46.845 χ^2/NDF : 8.3/6

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

Left In: -150.971+/-52.290 χ^2/NDF : 4.0/4

Left: -115.099+/-34.891 χ^2/NDF : 13.2/11

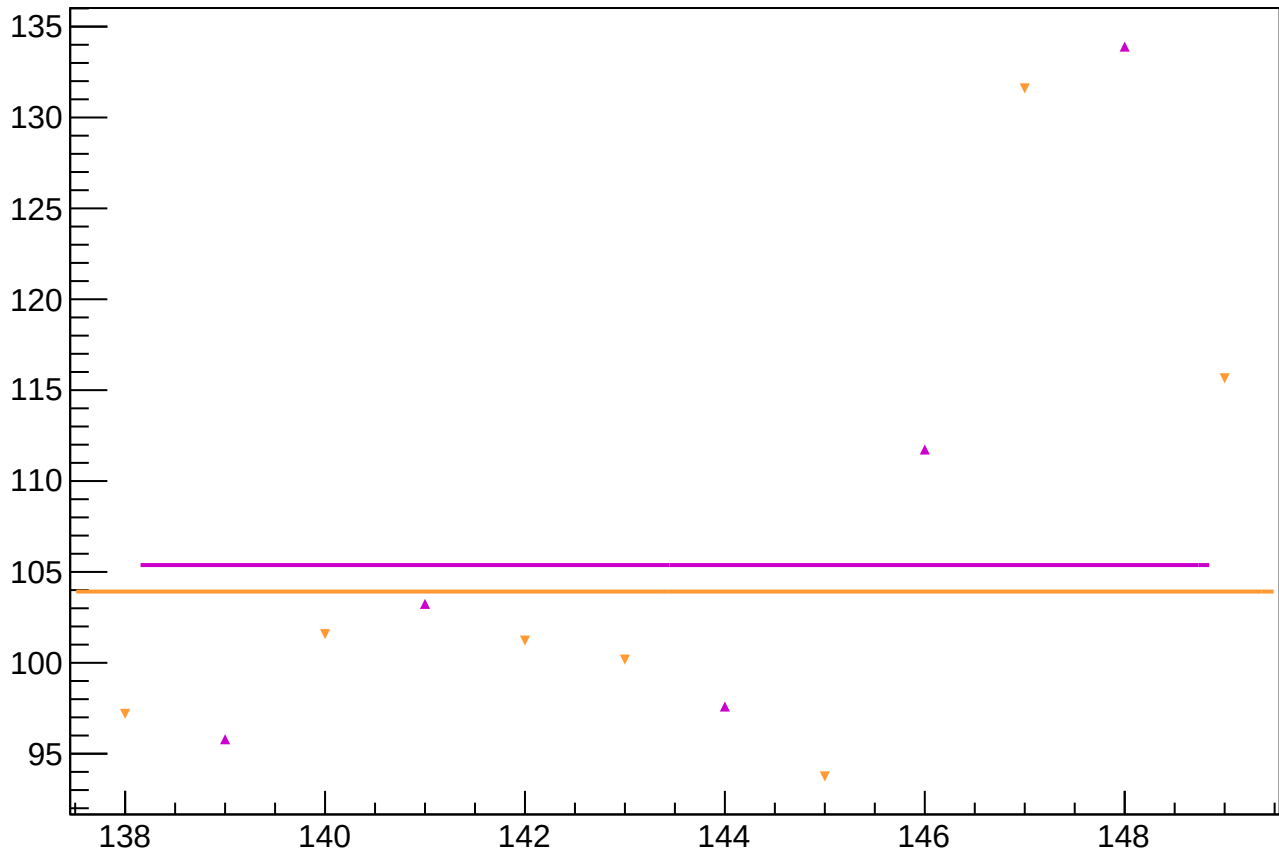
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -150.971+/-52.290 χ^2/NDF : 4.0/4

Out: -86.308+/-46.845 χ^2/NDF : 8.3/6

All: -115.099+/-34.891 χ^2/NDF : 13.2/11

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 103.920+/-0.033 χ^2/NDF :114111.1/6

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

Left In: 105.378+/-0.037 χ^2/NDF :106285.1/4

Left: 104.569+/-0.025 χ^2/NDF : 221258.4/11

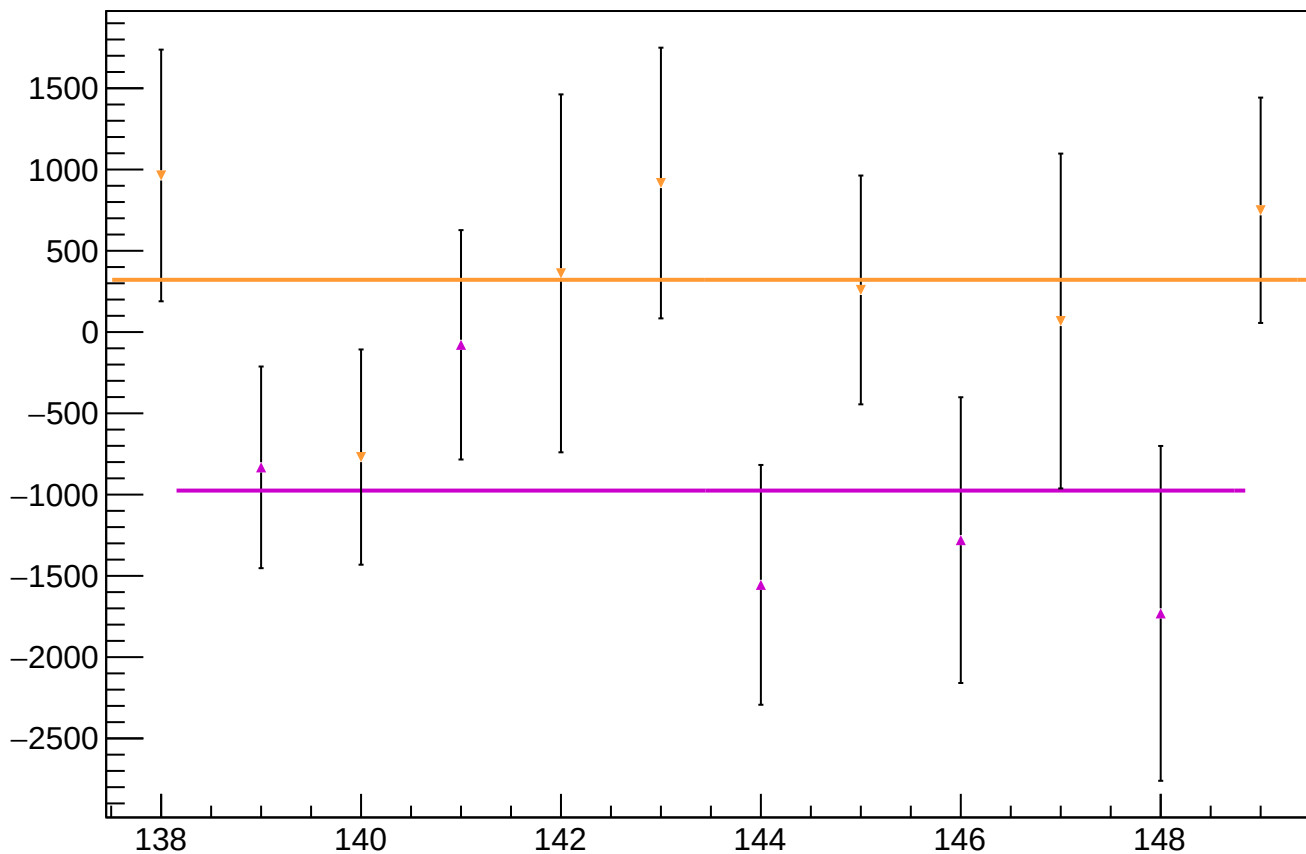
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 105.378+/-0.037 χ^2/NDF :106285.1/4

Out: 103.920+/-0.033 χ^2/NDF :114111.1/6

All: 104.569+/-0.025 χ^2/NDF : 221258.4/11

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 321.506 ± 298.041 $\chi^2/\text{NDF}: 4.4/6$

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

Left In: -975.244 ± 339.402 $\chi^2/\text{NDF}: 2.9/4$

Left: -243.080 ± 223.950 $\chi^2/\text{NDF}: 15.5/11$

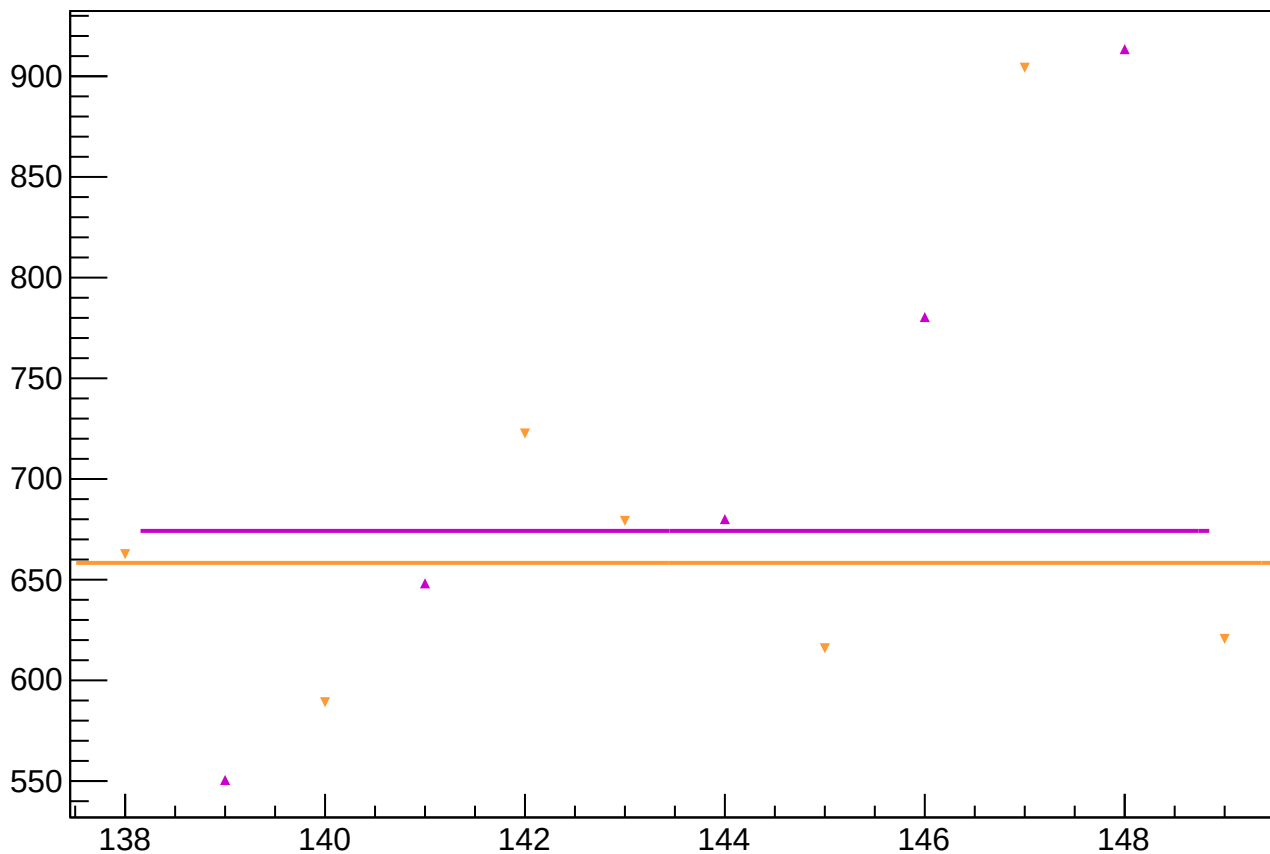
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -975.244 ± 339.402 $\chi^2/\text{NDF}: 2.9/4$

Out: 321.506 ± 298.041 $\chi^2/\text{NDF}: 4.4/6$

All: -243.080 ± 223.950 $\chi^2/\text{NDF}: 15.5/11$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 658.338+/-0.211 χ^2/NDF :157146.3/6

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

Left In: 674.233+/-0.240 χ^2/NDF :219422.2/4

Left: 665.258+/-0.158 χ^2/NDF : 379045.2/11

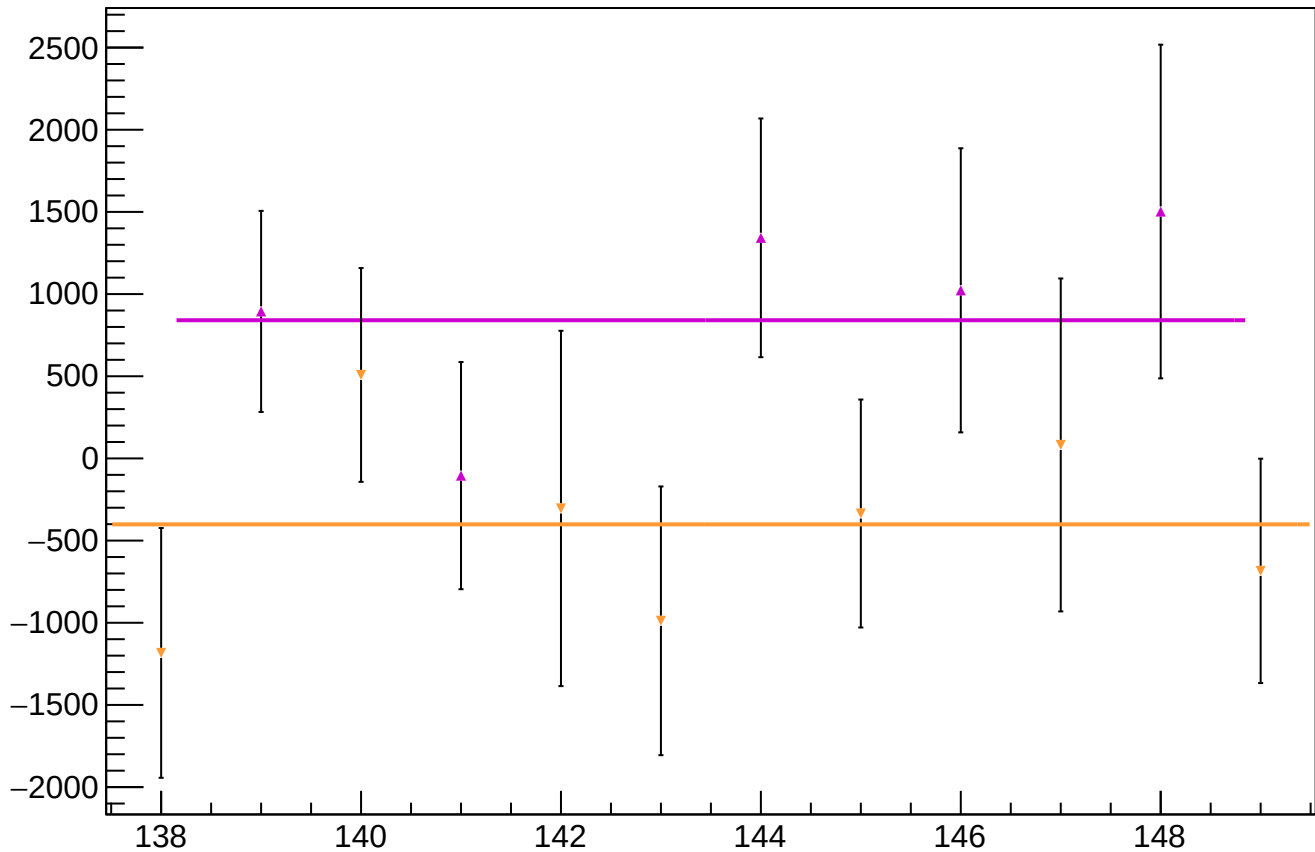
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 674.233+/-0.240 χ^2/NDF :219422.2/4

Out: 658.338+/-0.211 χ^2/NDF :157146.3/6

All: 665.258+/-0.158 χ^2/NDF : 379045.2/11

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -401.194+/-293.024 χ^2/NDF : 3.9/6

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

Left In: 840.817+/-333.894 χ^2/NDF : 2.8/4

Left: 139.186+/-220.239 χ^2/NDF : 14.6/11

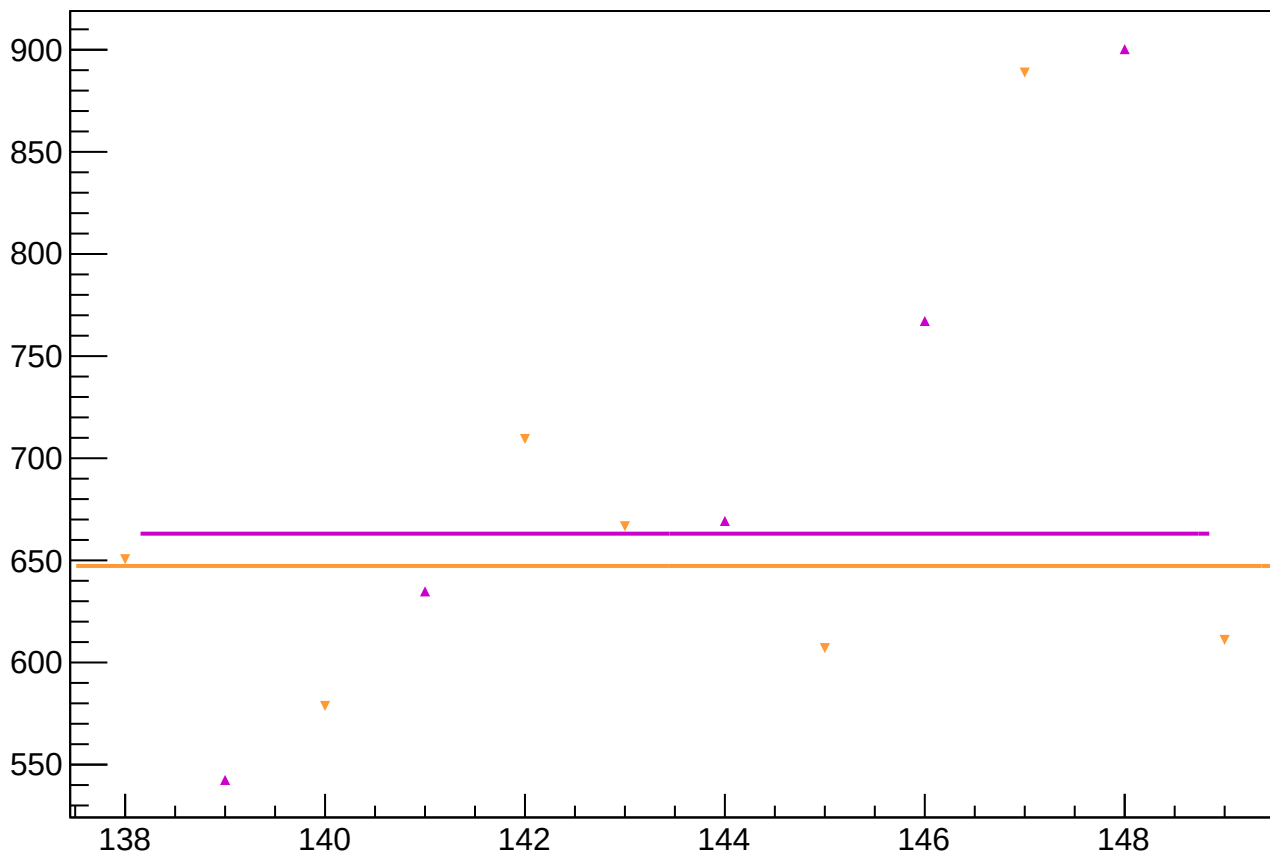
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 840.817+/-333.894 χ^2/NDF : 2.8/4

Out: -401.194+/-293.024 χ^2/NDF : 3.9/6

All: 139.186+/-220.239 χ^2/NDF : 14.6/11

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 647.267+/-0.207 χ^2/NDF :156088.6/6

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

Left In: 663.082+/-0.236 χ^2/NDF :219374.0/4

Left: 654.148+/-0.156 χ^2/NDF : 377997.3/11

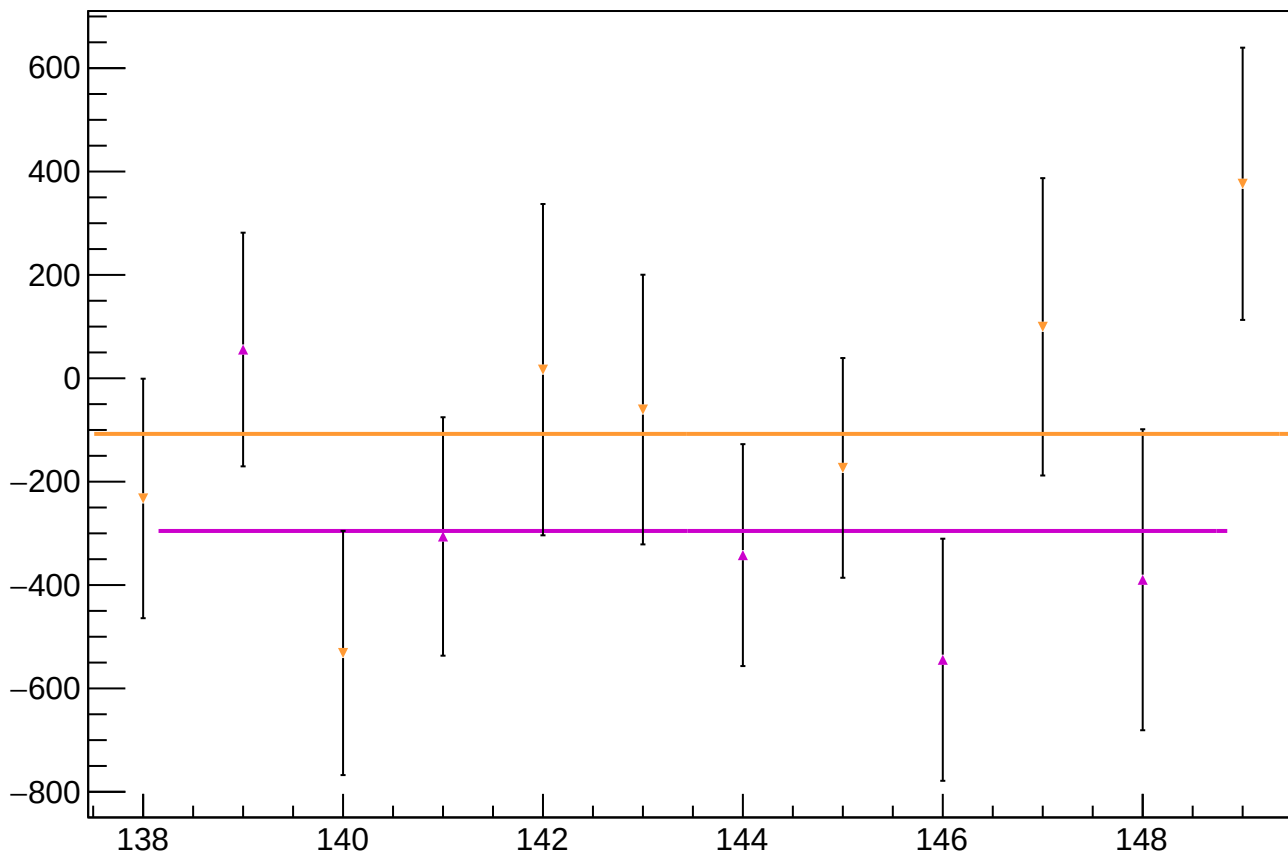
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 663.082+/-0.236 χ^2/NDF :219374.0/4

Out: 647.267+/-0.207 χ^2/NDF :156088.6/6

All: 654.148+/-0.156 χ^2/NDF : 377997.3/11

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -107.581 ± 95.506 χ^2/NDF : 7.7/6

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -295.364 ± 105.348 χ^2/NDF : 3.7/4

Left: -192.293 ± 70.757 χ^2/NDF : 13.1/11

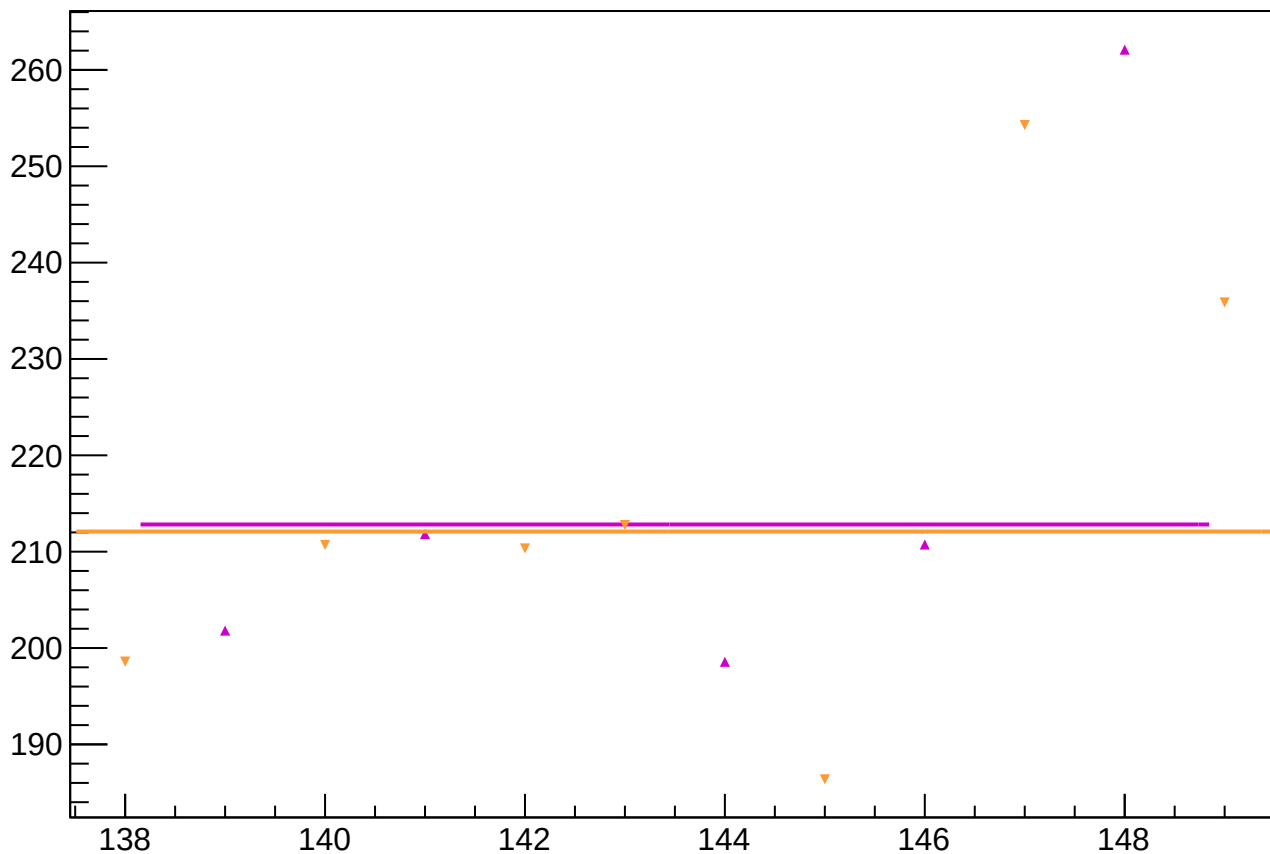
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -295.364 ± 105.348 χ^2/NDF : 3.7/4

Out: -107.581 ± 95.506 χ^2/NDF : 7.7/6

All: -192.293 ± 70.757 χ^2/NDF : 13.1/11

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 212.090+/-0.068 χ^2/NDF :95544.7/6

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

Left In: 212.822+/-0.074 χ^2/NDF :71050.8/4

Left: 212.420+/-0.050 χ^2/NDF : 166648.6/11

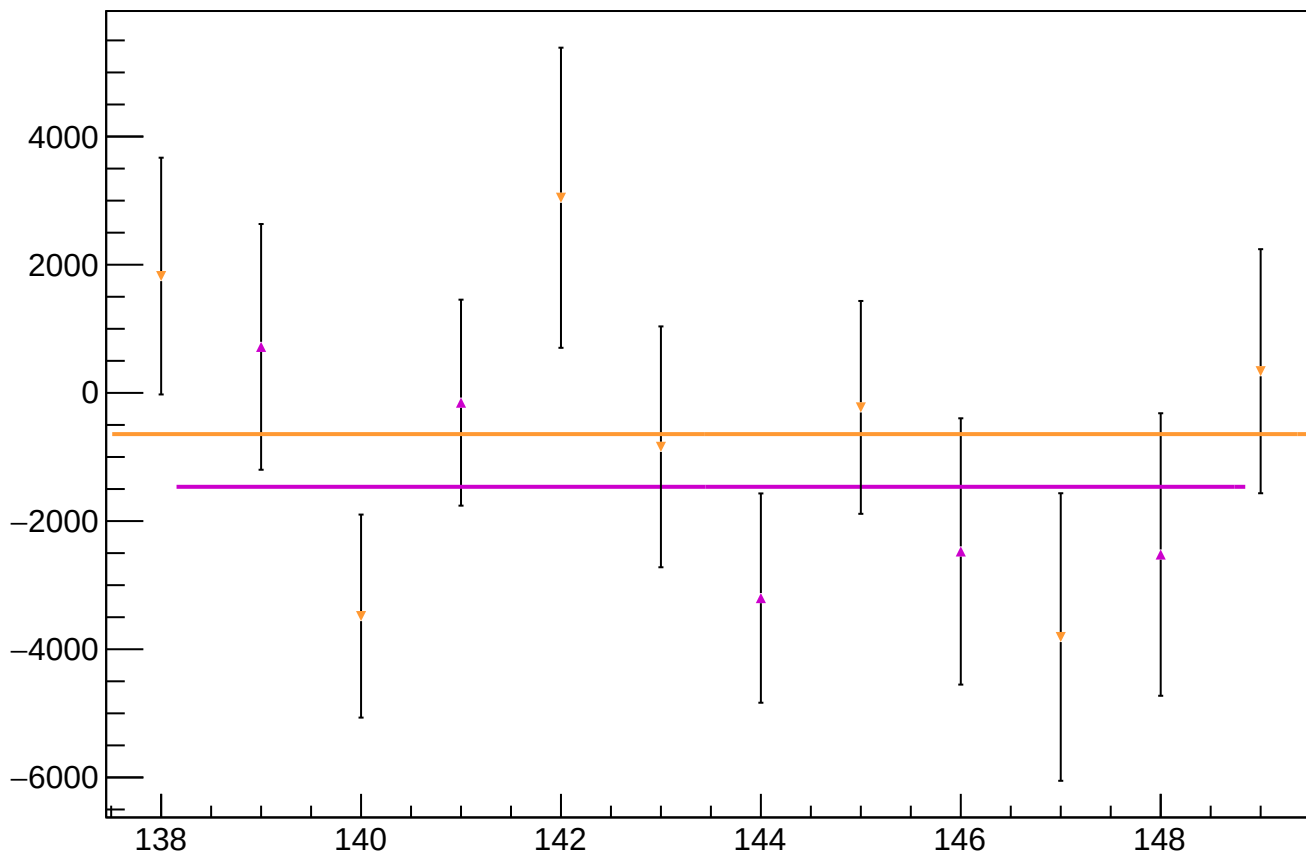
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 212.822+/-0.074 χ^2/NDF :71050.8/4

Out: 212.090+/-0.068 χ^2/NDF :95544.7/6

All: 212.420+/-0.050 χ^2/NDF : 166648.6/11

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -643.007+/-708.106 χ^2/NDF :9.8/6

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

Left In: -1465.223+/-824.258 χ^2/NDF :3.6/4

Left: -992.147+/-537.119 χ^2/NDF : 13.9/11

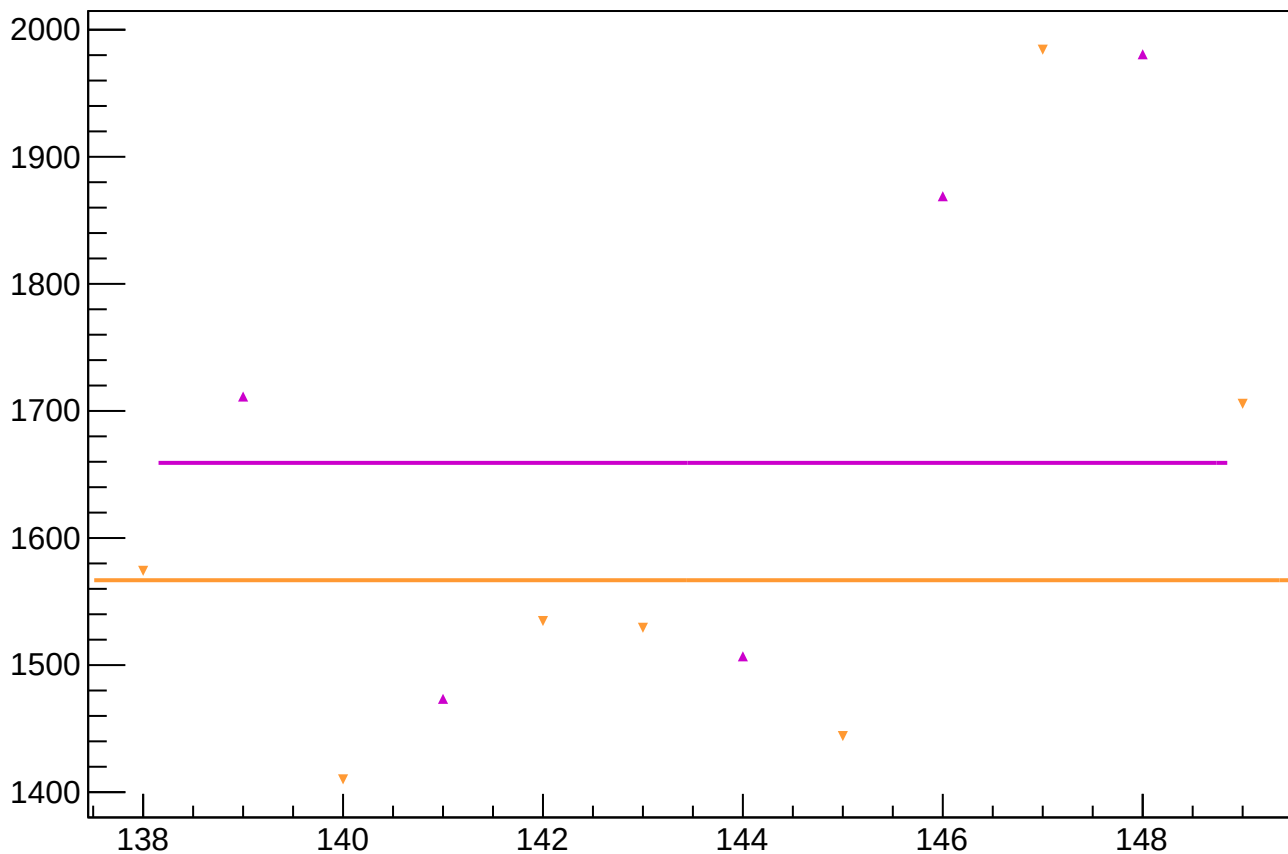
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1465.223+/-824.258 χ^2/NDF :3.6/4

Out: -643.007+/-708.106 χ^2/NDF :9.8/6

All: -992.147+/-537.119 χ^2/NDF : 13.9/11

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1566.790+/-0.501 χ^2/NDF :111589.9/6

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

Left In: 1659.144+/-0.583 χ^2/NDF :108535.8/4

Left: 1606.007+/-0.380 χ^2/NDF : 234572.1/11

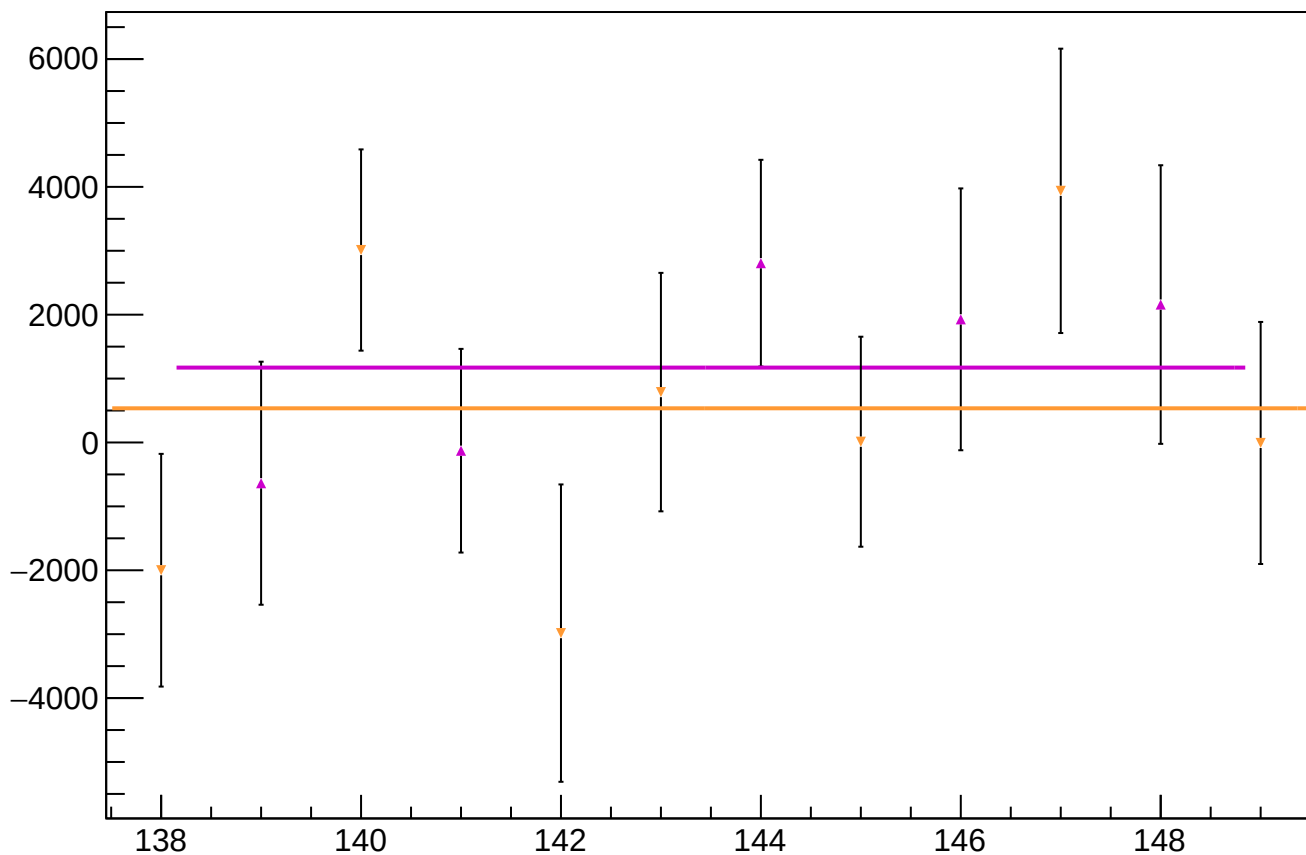
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1659.144+/-0.583 χ^2/NDF :108535.8/4

Out: 1566.790+/-0.501 χ^2/NDF :111589.9/6

All: 1606.007+/-0.380 χ^2/NDF : 234572.1/11

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 534.772+/-702.228 χ^2/NDF : 9.2/6

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

Left In: 1171.746+/-816.151 χ^2/NDF : 2.9/4

Left: 805.735+/-532.310 χ^2/NDF : 12.5/11

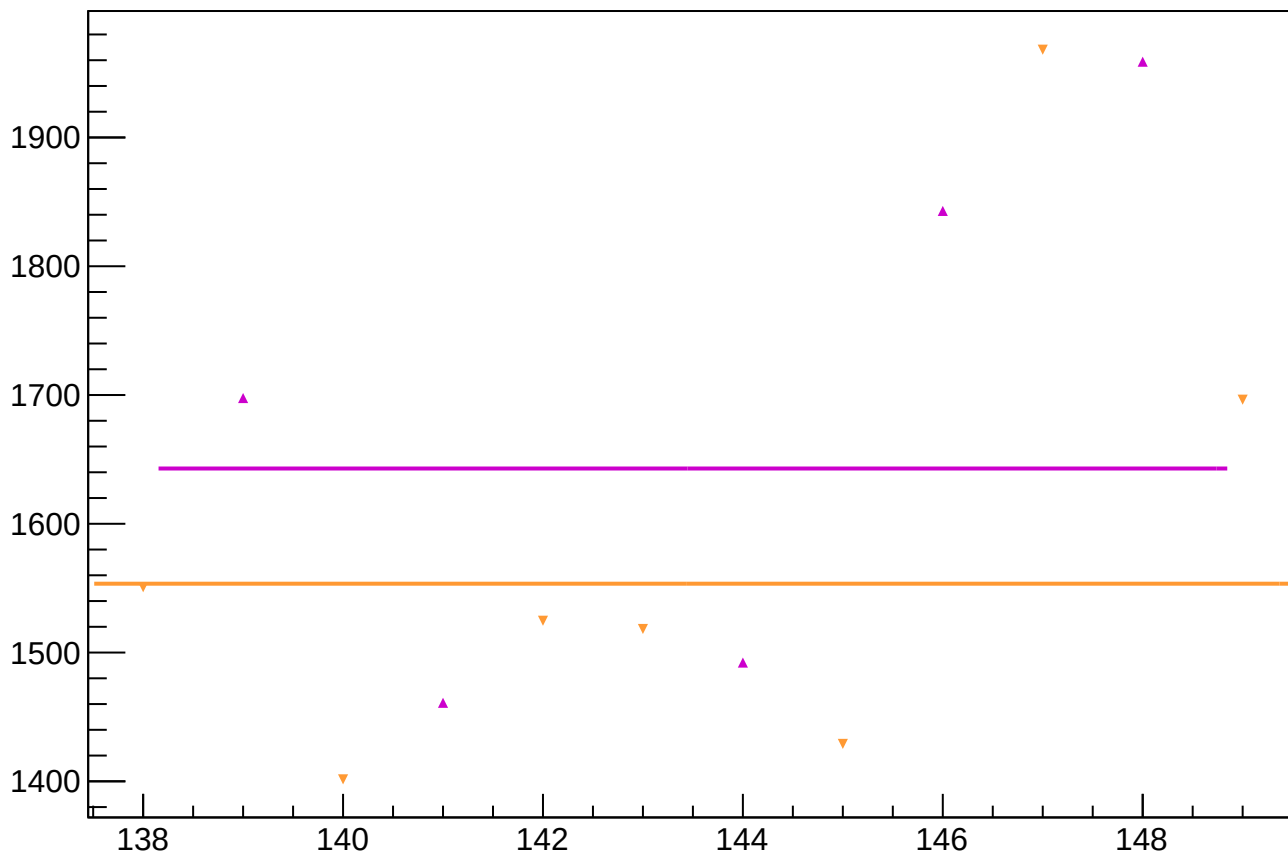
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1171.746+/-816.151 χ^2/NDF : 2.9/4

Out: 534.772+/-702.228 χ^2/NDF : 9.2/6

All: 805.735+/-532.310 χ^2/NDF : 12.5/11

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1553.469+/-0.497 χ^2/NDF :111964.8/6

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

Left In: 1642.926+/-0.577 χ^2/NDF :106164.9/4

Left: 1591.523+/-0.376 χ^2/NDF : 231936.6/11

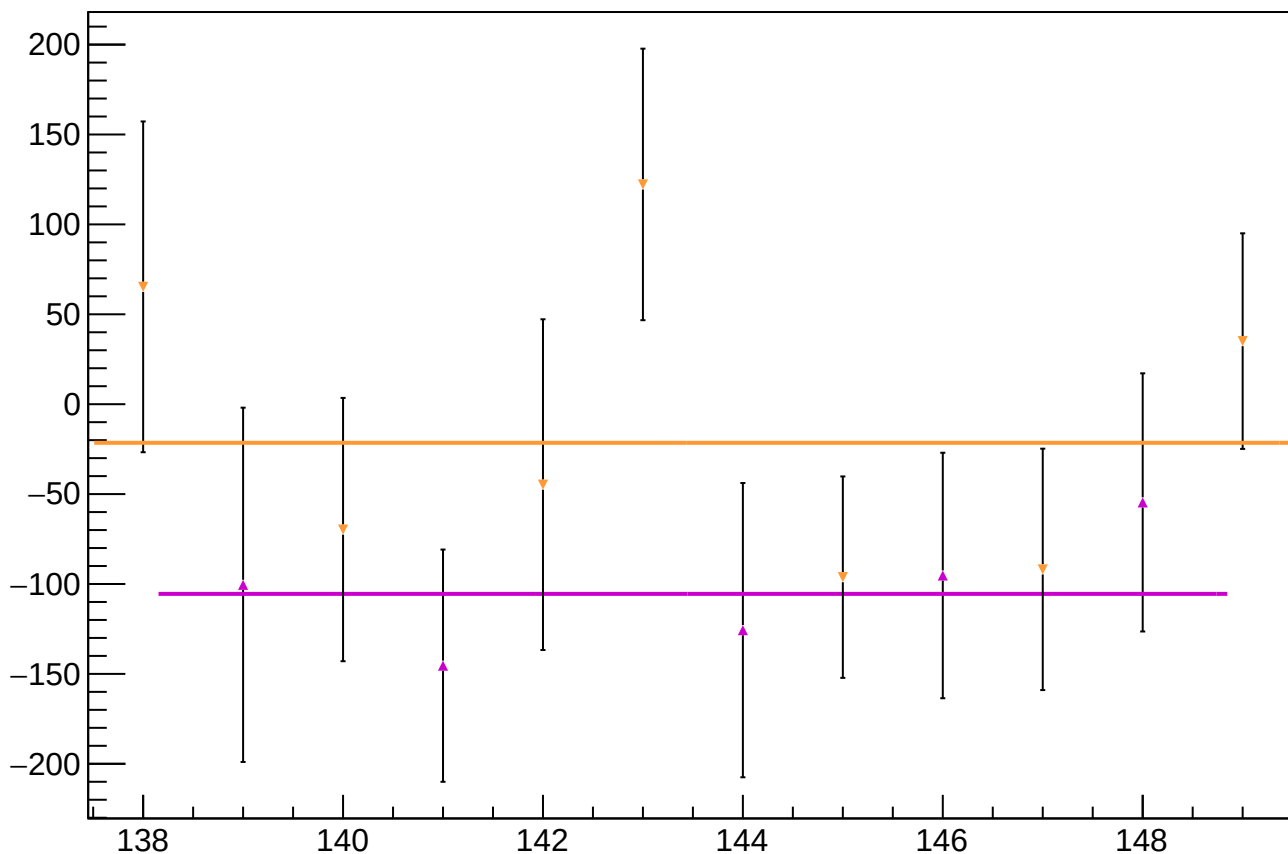
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1642.926+/-0.577 χ^2/NDF :106164.9/4

Out: 1553.469+/-0.497 χ^2/NDF :111964.8/6

All: 1591.523+/-0.376 χ^2/NDF : 231936.6/11

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -21.468+/-26.564 χ^2/NDF : 8.8/6

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

Left In: -105.498+/-33.320 χ^2/NDF : 1.0/4

Left: -54.121+/-20.771 χ^2/NDF : 13.6/11

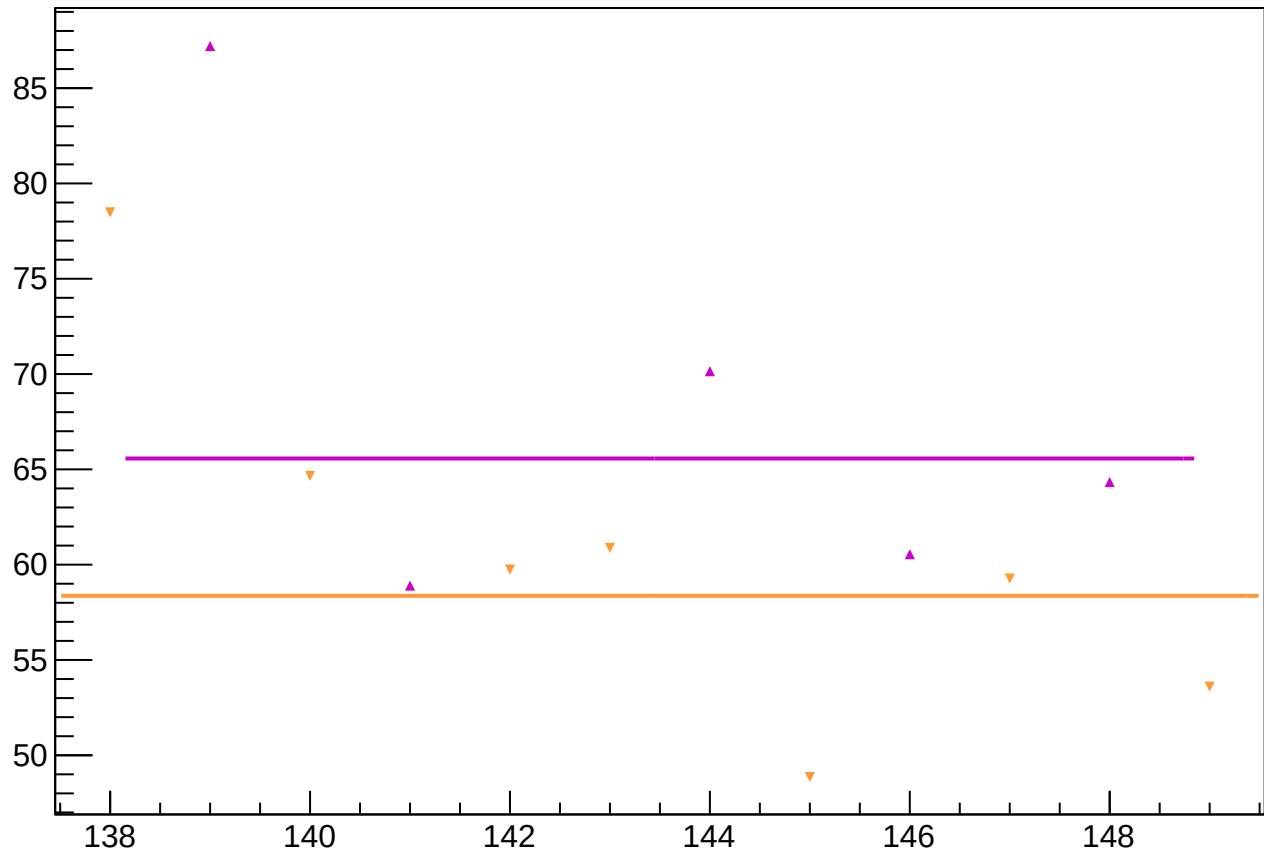
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.498+/-33.320 χ^2/NDF : 1.0/4

Out: -21.468+/-26.564 χ^2/NDF : 8.8/6

All: -54.121+/-20.771 χ^2/NDF : 13.6/11

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 58.365+/-0.019 χ^2/NDF :183695.9/6

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

Left In: 65.569+/-0.024 χ^2/NDF :135478.4/4

Left: 61.165+/-0.015 χ^2/NDF : 376336.6/11

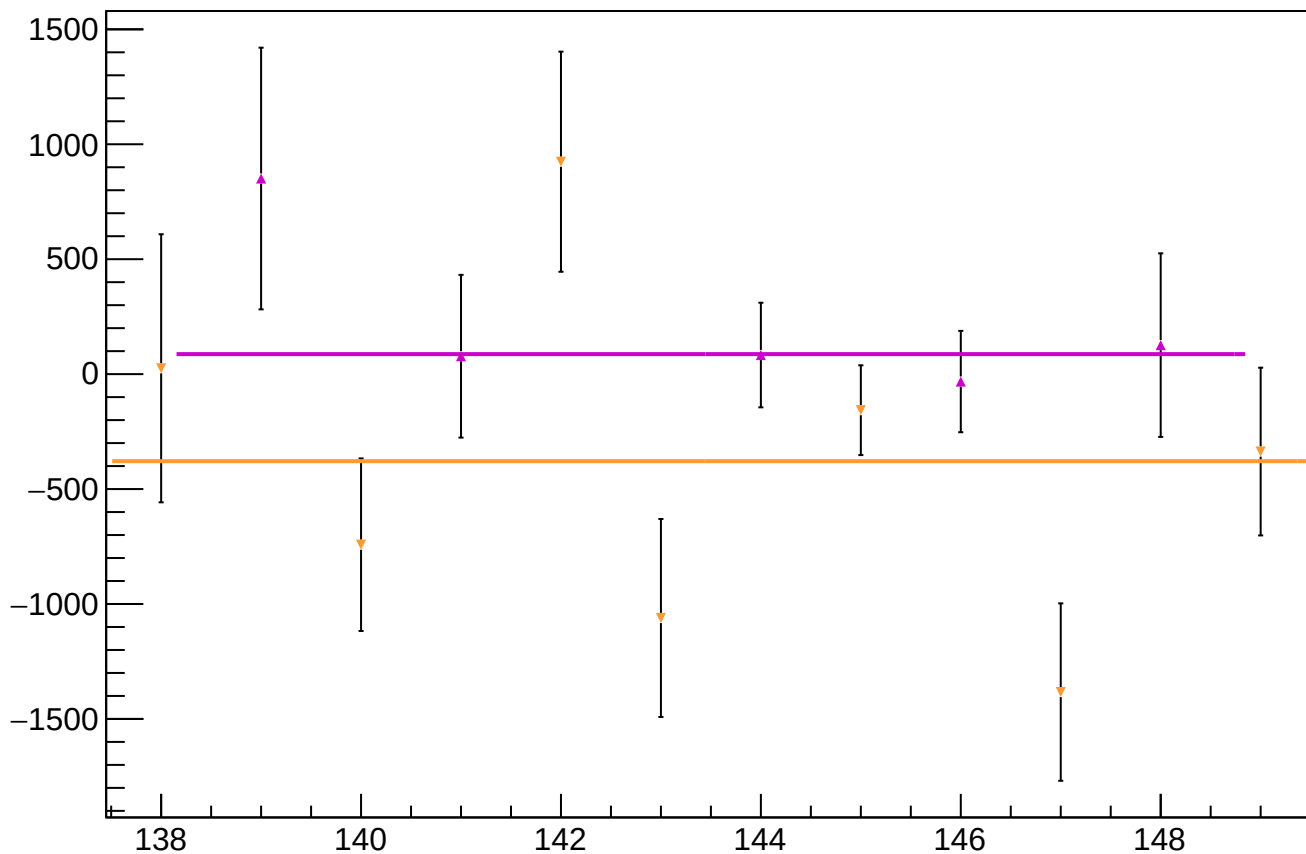
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.569+/-0.024 χ^2/NDF :135478.4/4

Out: 58.365+/-0.019 χ^2/NDF :183695.9/6

All: 61.165+/-0.015 χ^2/NDF : 376336.6/11

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -378.704+/-128.848 χ^2/NDF :19.4/6

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

Left In: 87.022+/-132.198 χ^2/NDF :2.1/4

Left: -151.815+/-92.271 χ^2/NDF : 27.9/11

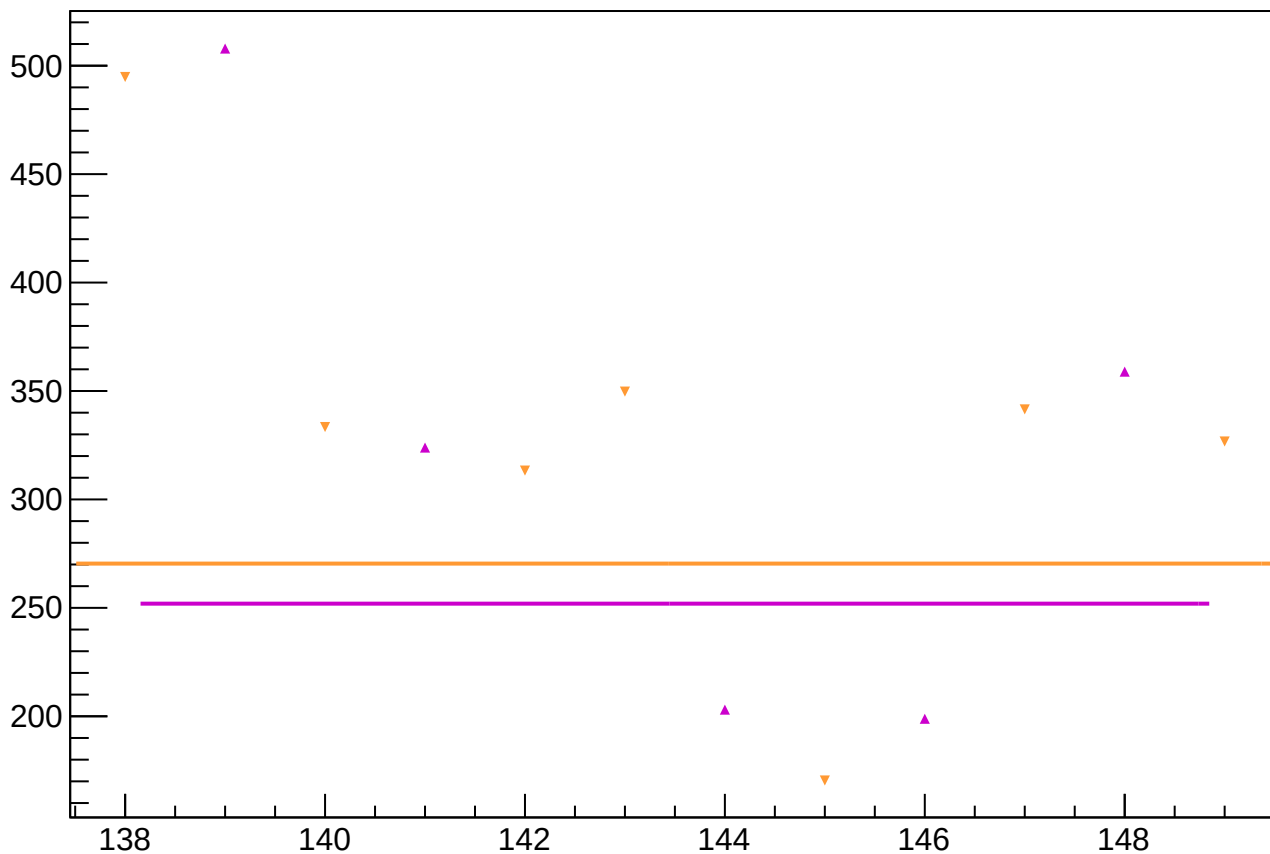
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 87.022+/-132.198 χ^2/NDF :2.1/4

Out: -378.704+/-128.848 χ^2/NDF :19.4/6

All: -151.815+/-92.271 χ^2/NDF : 27.9/11

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 270.411+/-0.091 χ^2/NDF :1076318.6/6

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

Left In: 251.939+/-0.093 χ^2/NDF :838807.8/4

Left: 261.412+/-0.065 χ^2/NDF : 1935151.9/11

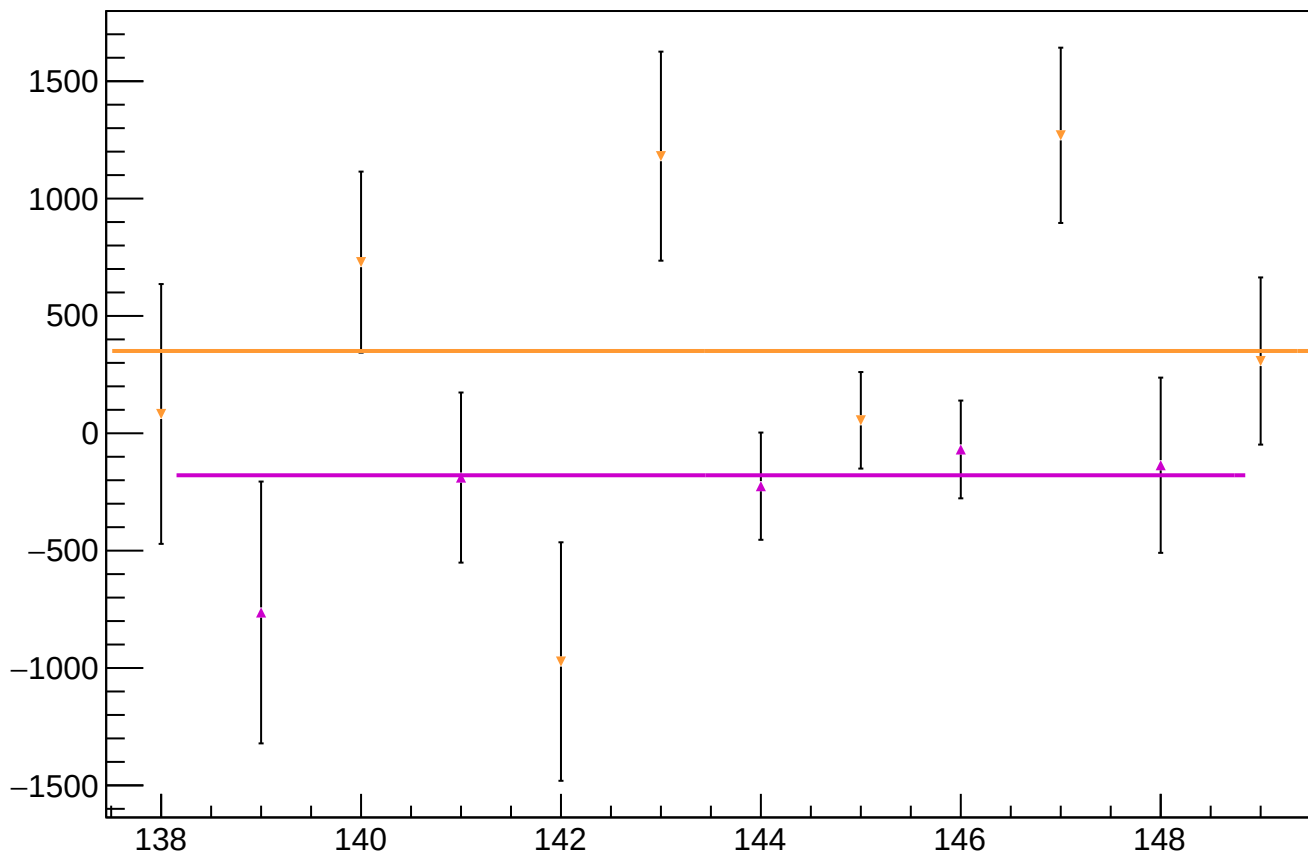
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 251.939+/-0.093 χ^2/NDF :838807.8/4

Out: 270.411+/-0.091 χ^2/NDF :1076318.6/6

All: 261.412+/-0.065 χ^2/NDF : 1935151.9/11

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 350.676+/-131.761 χ^2/NDF :19.6/6

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

Left In: -178.869+/-128.858 χ^2/NDF :1.4/4

Left: 80.006+/-92.125 χ^2/NDF : 29.3/11

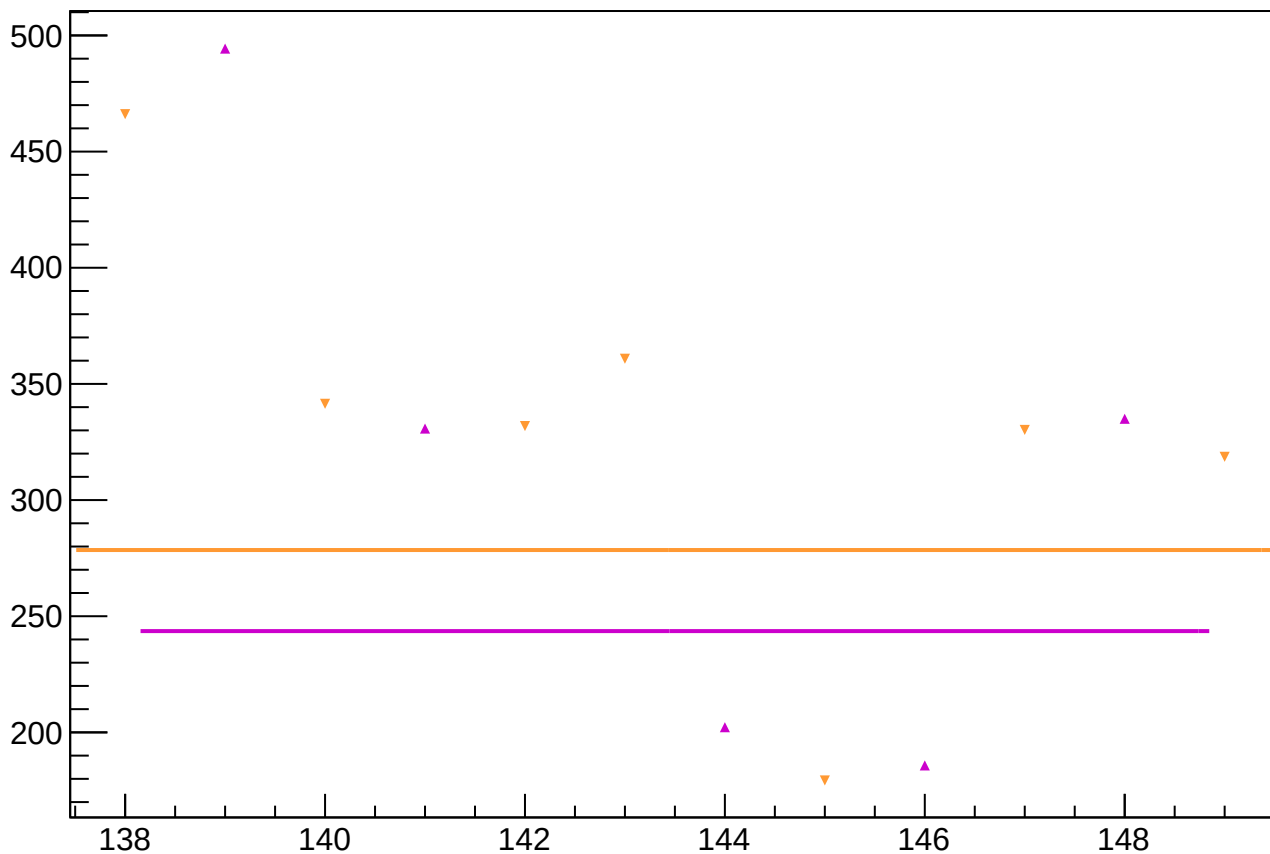
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -178.869+/-128.858 χ^2/NDF :1.4/4

Out: 350.676+/-131.761 χ^2/NDF :19.6/6

All: 80.006+/-92.125 χ^2/NDF : 29.3/11

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 278.495+/-0.093 χ^2/NDF :902385.9/6

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

Left In: 243.598+/-0.091 χ^2/NDF :859598.8/4

Left: 260.658+/-0.065 χ^2/NDF : 1833692.4/11

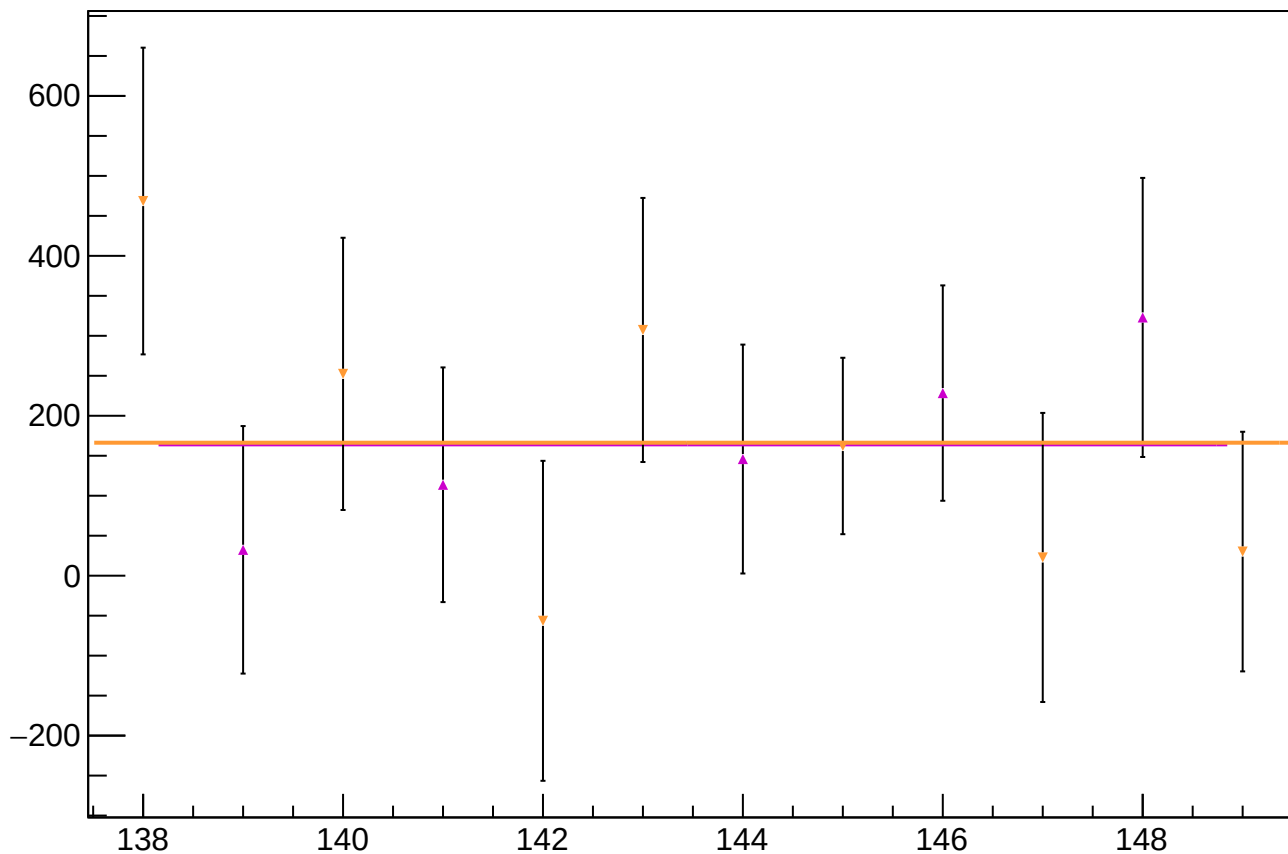
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.598+/-0.091 χ^2/NDF :859598.8/4

Out: 278.495+/-0.093 χ^2/NDF :902385.9/6

All: 260.658+/-0.065 χ^2/NDF : 1833692.4/11

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 166.310+/-59.692 χ^2/NDF : 6.2/6

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

Left In: 164.239+/-66.675 χ^2/NDF : 1.9/4

Left: 165.389+/-44.473 χ^2/NDF : 8.1/11

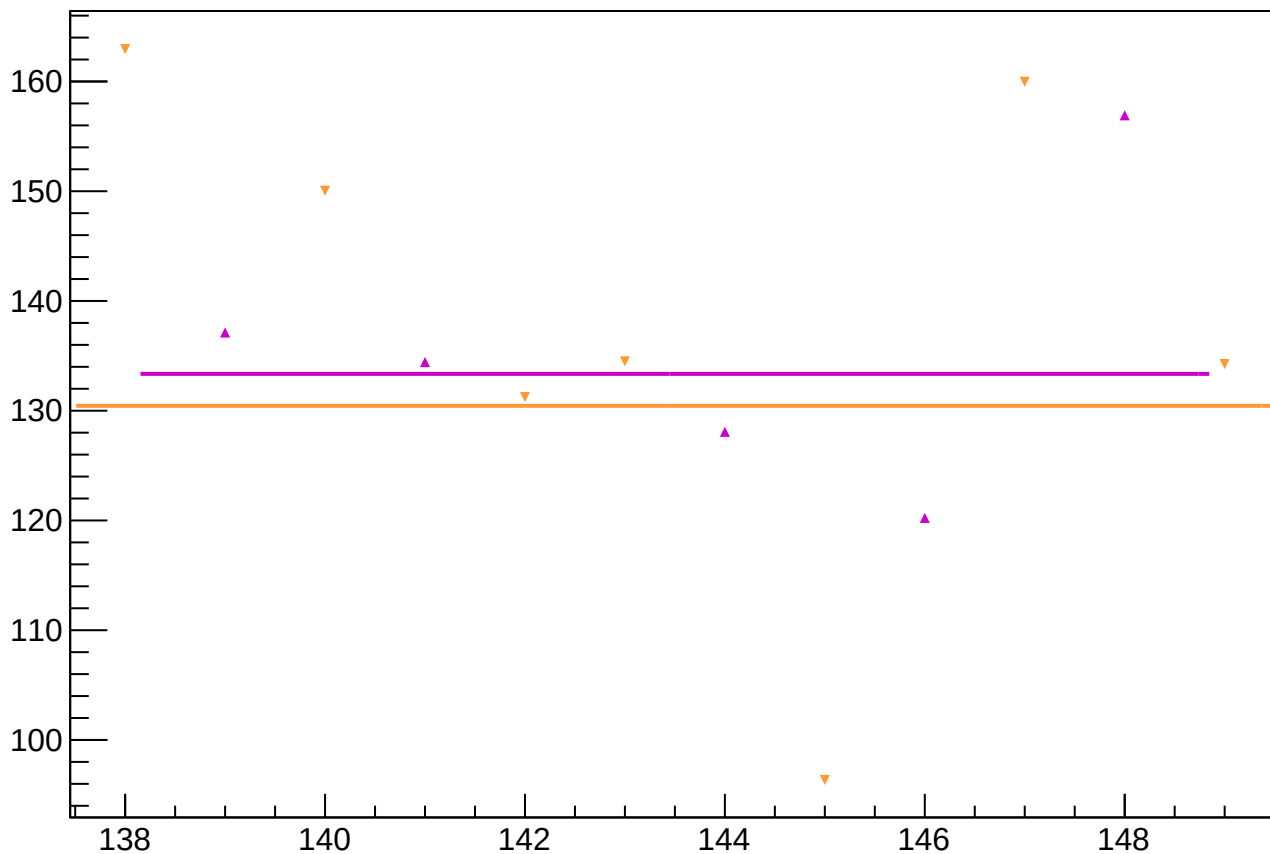
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 164.239+/-66.675 χ^2/NDF : 1.9/4

Out: 166.310+/-59.692 χ^2/NDF : 6.2/6

All: 165.389+/-44.473 χ^2/NDF : 8.1/11

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 130.446+/-0.042 χ^2/NDF : 330780.8/6

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

Left In: 133.357+/-0.047 χ^2/NDF : 59462.1/4

Left: 131.741+/-0.031 χ^2/NDF : 392359.0/11

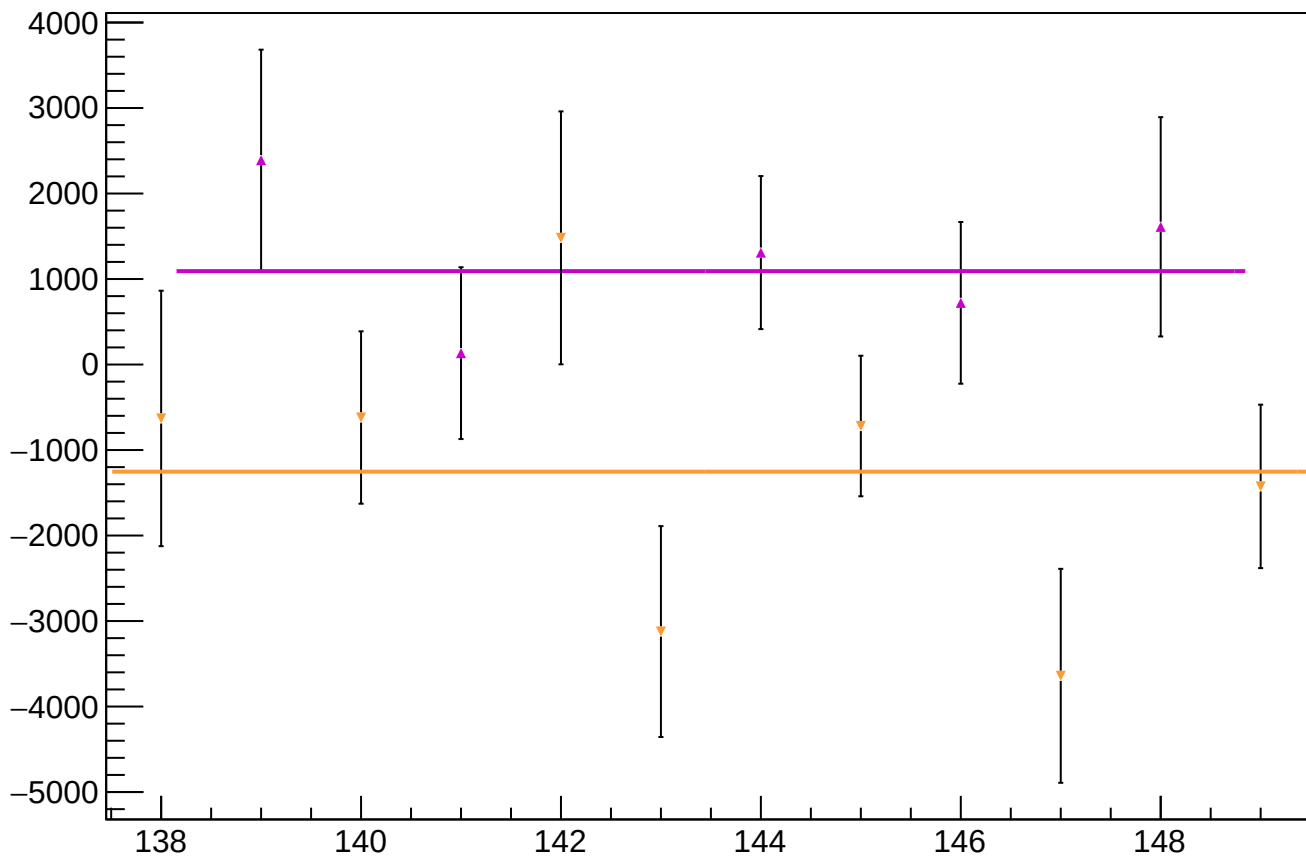
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.357+/-0.047 χ^2/NDF : 59462.1/4

Out: 130.446+/-0.042 χ^2/NDF : 330780.8/6

All: 131.741+/-0.031 χ^2/NDF : 392359.0/11

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1253.123+/-416.615 χ^2/NDF :10.4/6

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

Left In: 1092.387+/-468.038 χ^2/NDF :2.3/4

Left: -216.249+/-311.190 χ^2/NDF : 26.7/11

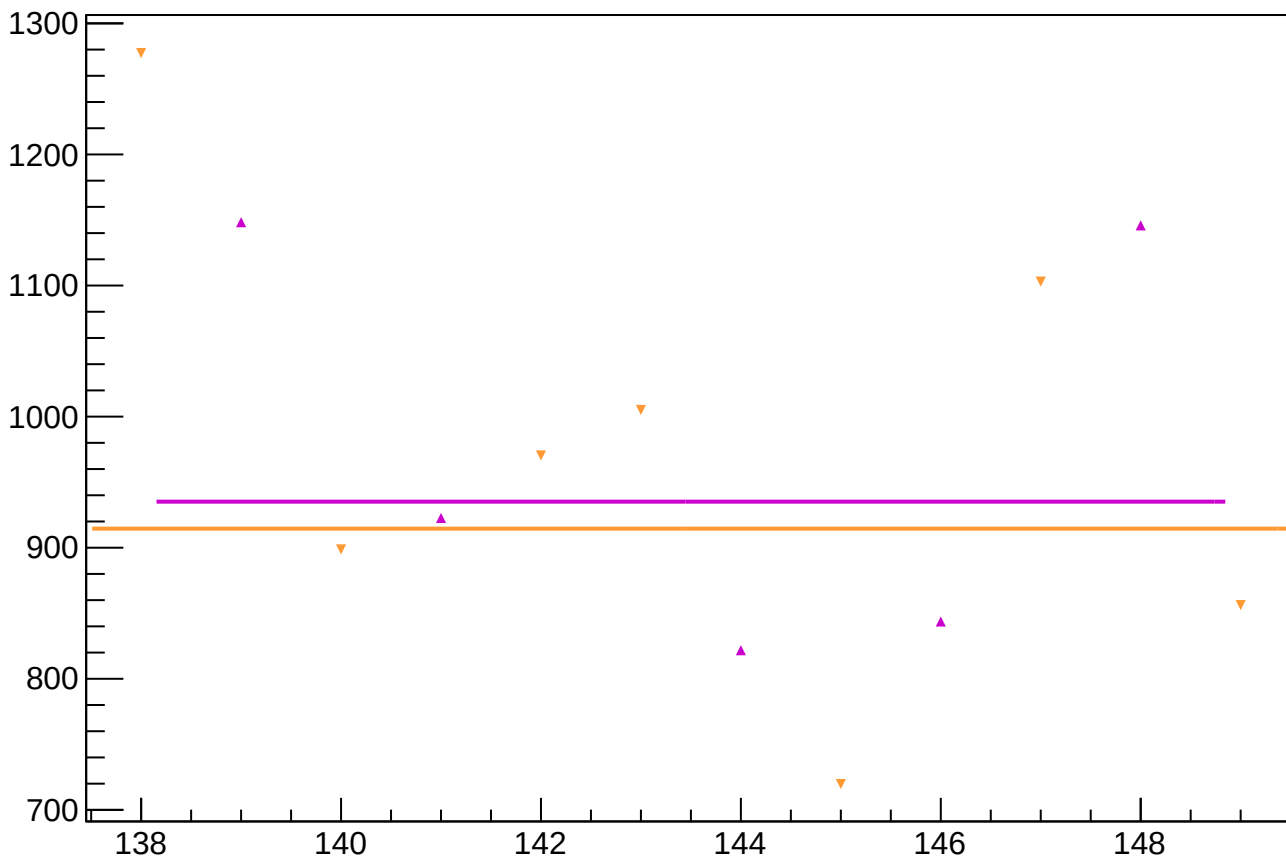
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1092.387+/-468.038 χ^2/NDF :2.3/4

Out: -1253.123+/-416.615 χ^2/NDF :10.4/6

All: -216.249+/-311.190 χ^2/NDF : 26.7/11

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 914.558+/-0.295 χ^2/NDF :297350.4/6

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

Left In: 935.132+/-0.331 χ^2/NDF :159618.8/4

Left: 923.653+/-0.220 χ^2/NDF : 459125.3/11

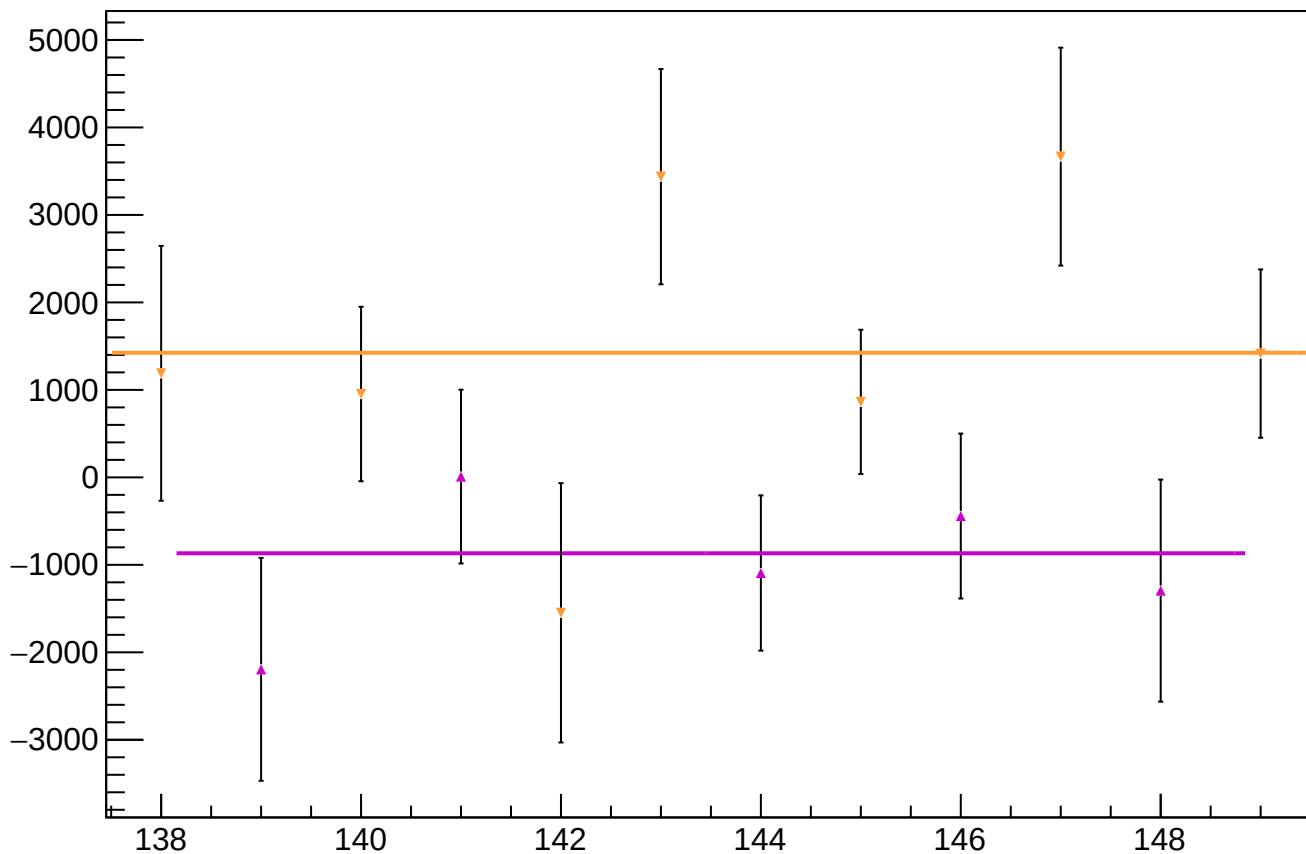
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 935.132+/-0.331 χ^2/NDF :159618.8/4

Out: 914.558+/-0.295 χ^2/NDF :297350.4/6

All: 923.653+/-0.220 χ^2/NDF : 459125.3/11

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1424.490+/-415.633 χ^2/NDF :10.7/6

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

Left In: -868.000+/-463.934 χ^2/NDF :2.2/4

Left: 403.759+/-309.570 χ^2/NDF : 26.4/11

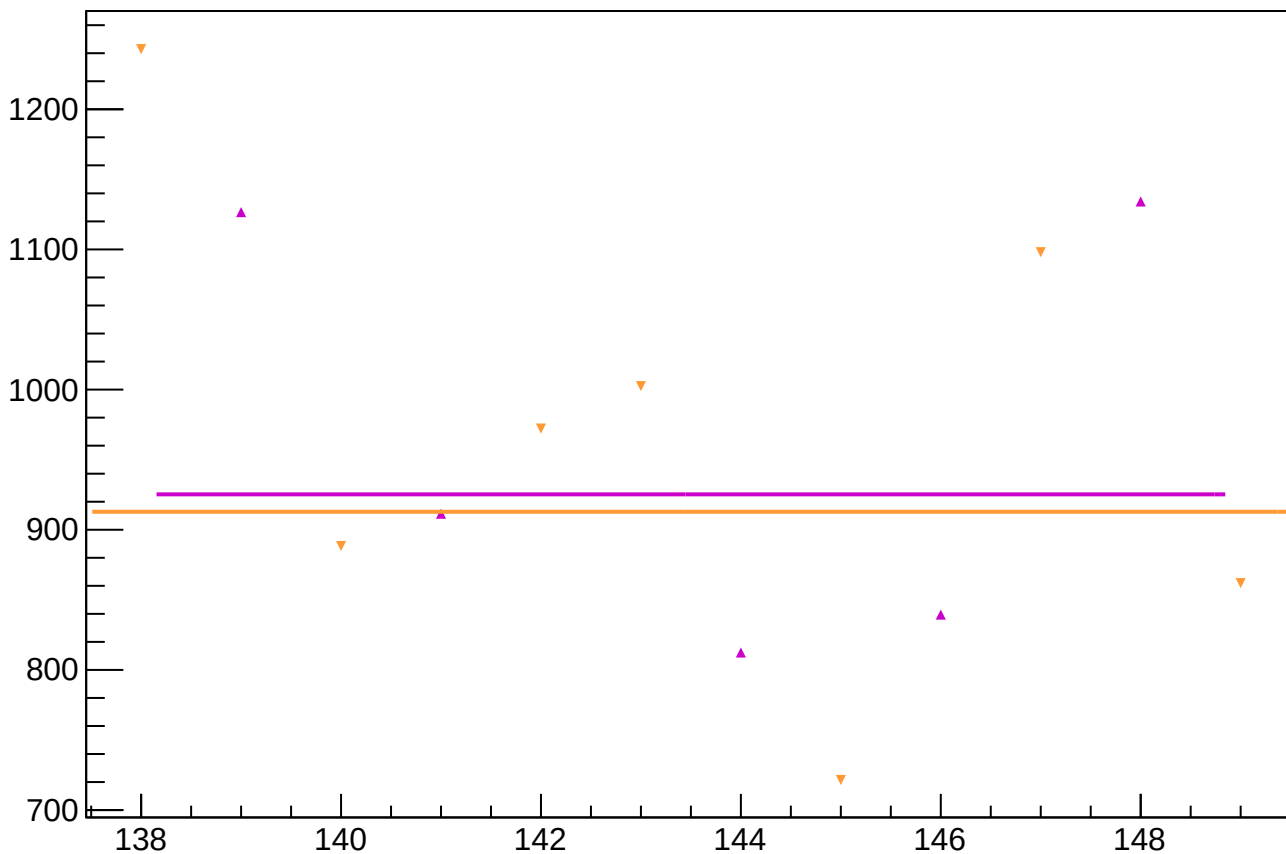
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -868.000+/-463.934 χ^2/NDF :2.2/4

Out: 1424.490+/-415.633 χ^2/NDF :10.7/6

All: 403.759+/-309.570 χ^2/NDF : 26.4/11

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 912.828+/-0.294 χ^2/NDF :275319.1/6

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

Left In: 925.262+/-0.328 χ^2/NDF :153467.1/4

Left: 918.364+/-0.219 χ^2/NDF : 429583.2/11

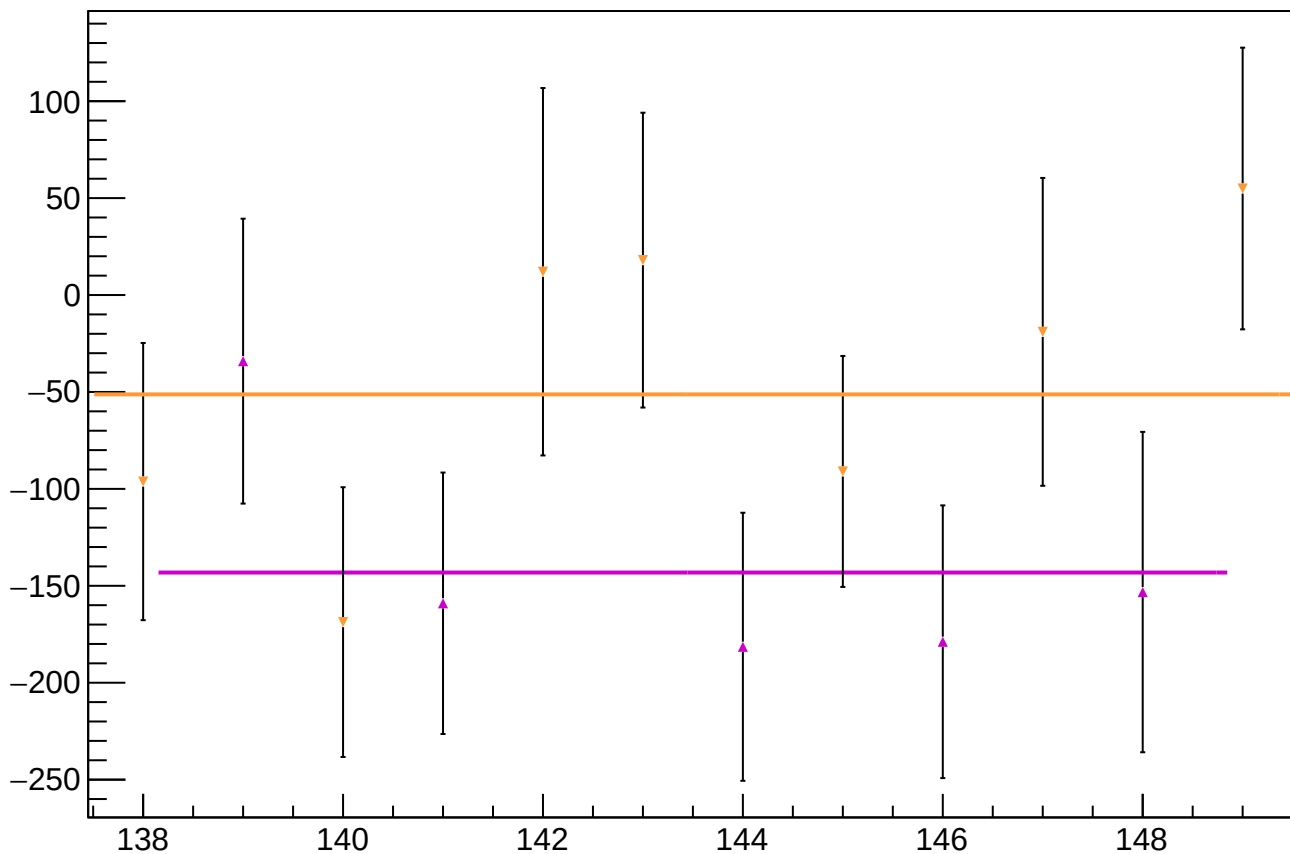
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 925.262+/-0.328 χ^2/NDF :153467.1/4

Out: 912.828+/-0.294 χ^2/NDF :275319.1/6

All: 918.364+/-0.219 χ^2/NDF : 429583.2/11

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: -51.256+/-27.564 χ^2/NDF : 7.3/6

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

Left In: -143.151+/-32.227 χ^2/NDF : 2.8/4

Left: -90.080+/-20.947 χ^2/NDF : 14.8/11

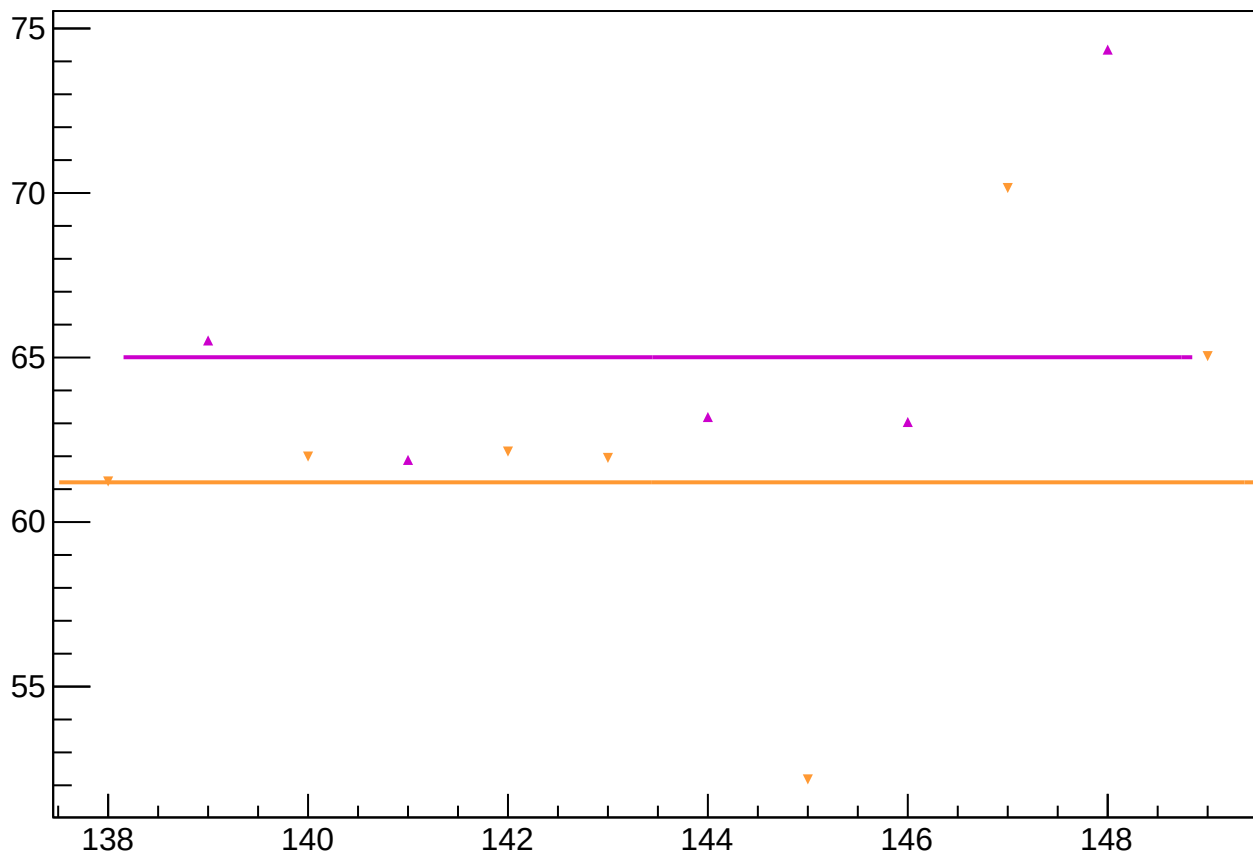
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -143.151+/-32.227 χ^2/NDF : 2.8/4

Out: -51.256+/-27.564 χ^2/NDF : 7.3/6

All: -90.080+/-20.947 χ^2/NDF : 14.8/11

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: 61.208+/-0.019 χ^2/NDF : 77505.7/6

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

Left In: 65.009+/-0.023 χ^2/NDF : 32920.3/4

Left: 62.814+/-0.015 χ^2/NDF : 126496.7/11

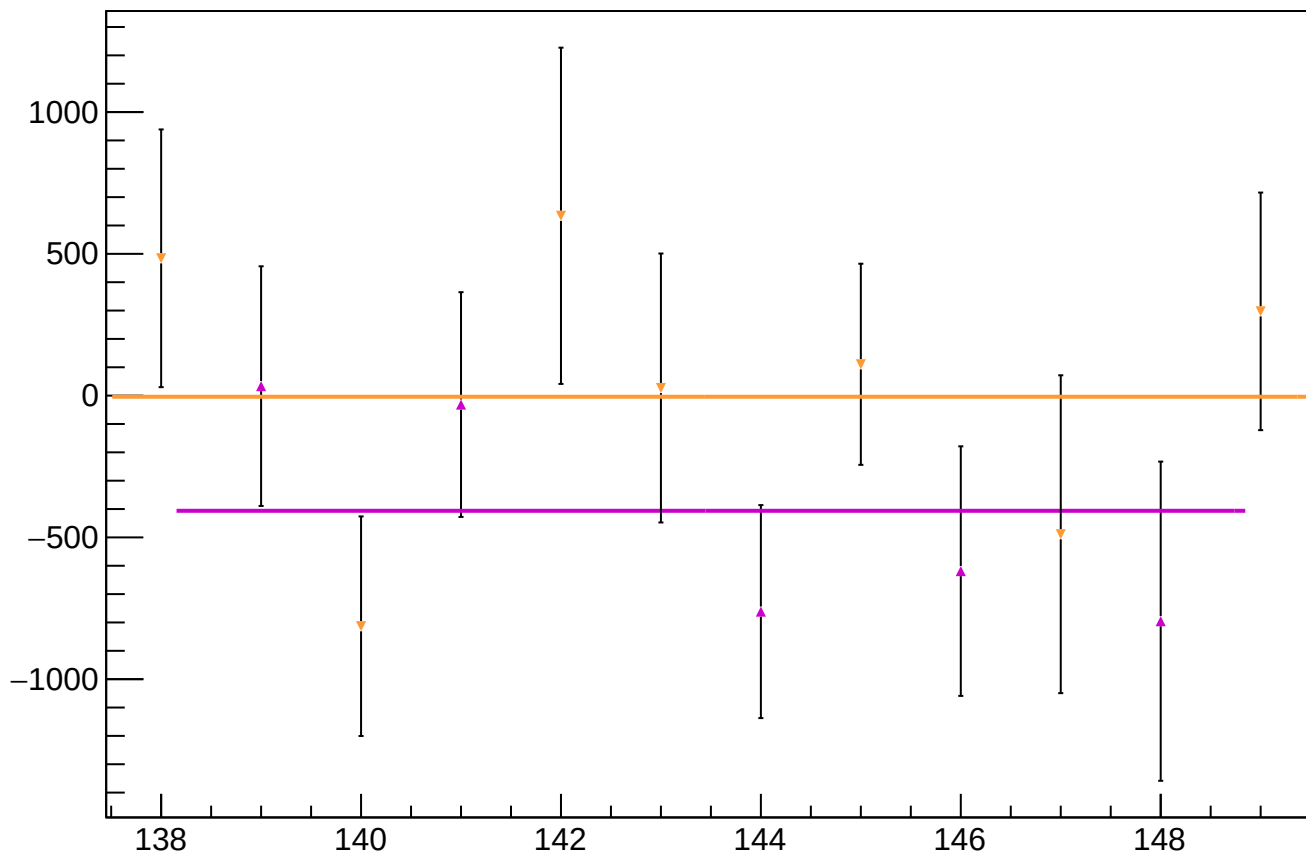
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.009+/-0.023 χ^2/NDF : 32920.3/4

Out: 61.208+/-0.019 χ^2/NDF : 77505.7/6

All: 62.814+/-0.015 χ^2/NDF : 126496.7/11

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: -3.921+/-167.525 χ^2/NDF : 8.1/6

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

Left In: -406.164+/-191.129 χ^2/NDF : 3.6/4

Left: -178.684+/-125.982 χ^2/NDF : 14.1/11

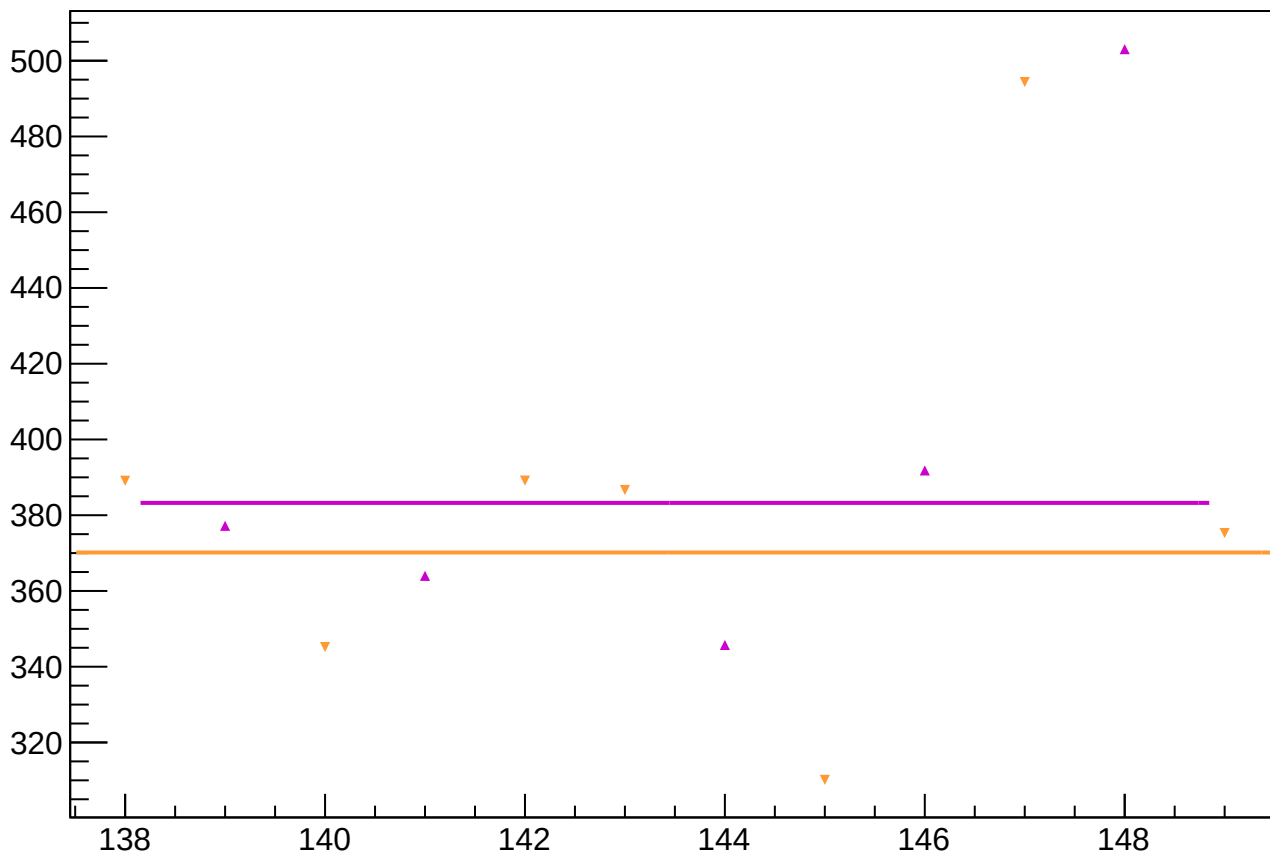
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -406.164+/-191.129 χ^2/NDF : 3.6/4

Out: -3.921+/-167.525 χ^2/NDF : 8.1/6

All: -178.684+/-125.982 χ^2/NDF : 14.1/11

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: 370.158+/-0.118 χ^2/NDF :172078.0/6

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

Left In: 383.252+/-0.135 χ^2/NDF :116442.0/4

Left: 375.847+/-0.089 χ^2/NDF : 293828.4/11

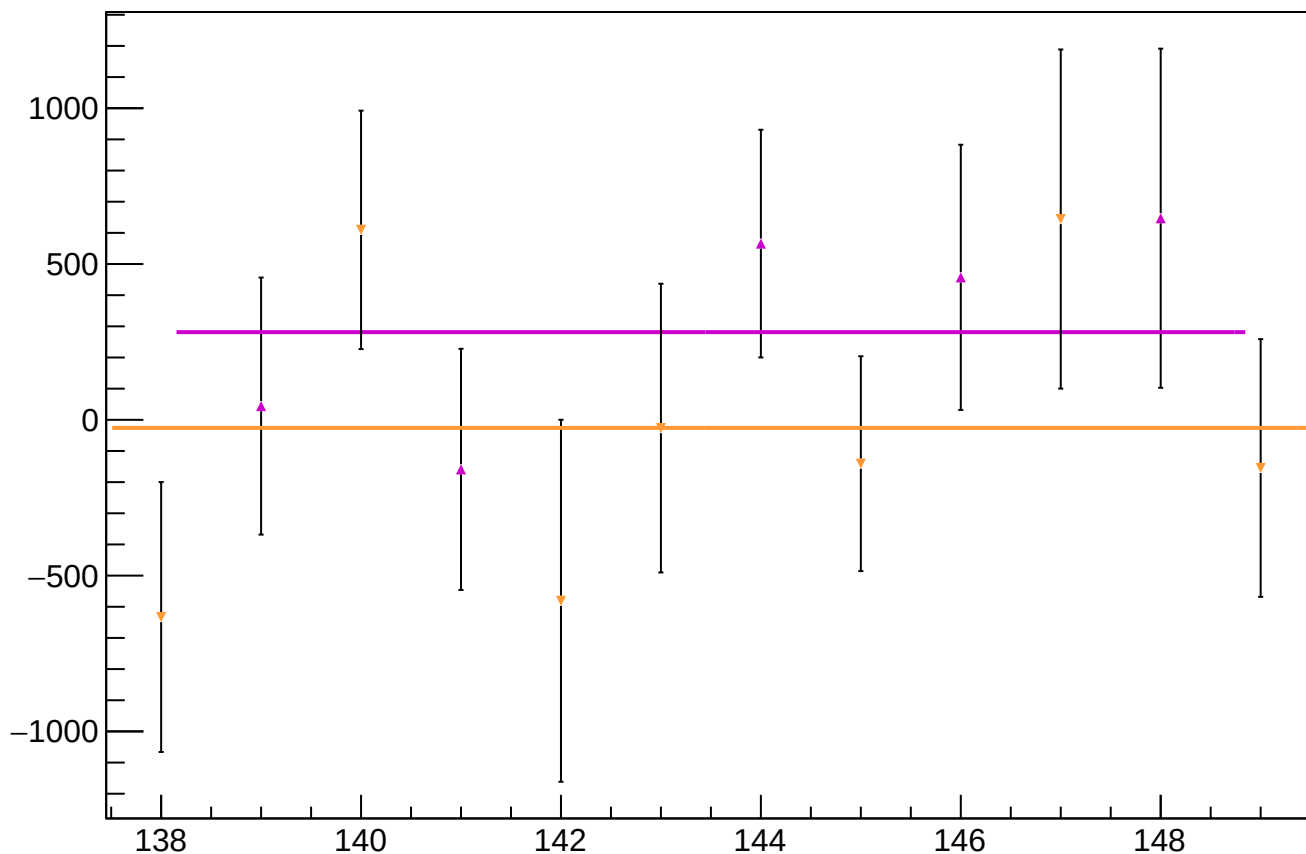
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 383.252+/-0.135 χ^2/NDF :116442.0/4

Out: 370.158+/-0.118 χ^2/NDF :172078.0/6

All: 375.847+/-0.089 χ^2/NDF : 293828.4/11

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -25.840+/-163.474 χ^2/NDF : 7.4/6

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

Left In: 281.342+/-185.879 χ^2/NDF : 2.9/4

Left: 108.131+/-122.755 χ^2/NDF : 11.8/11

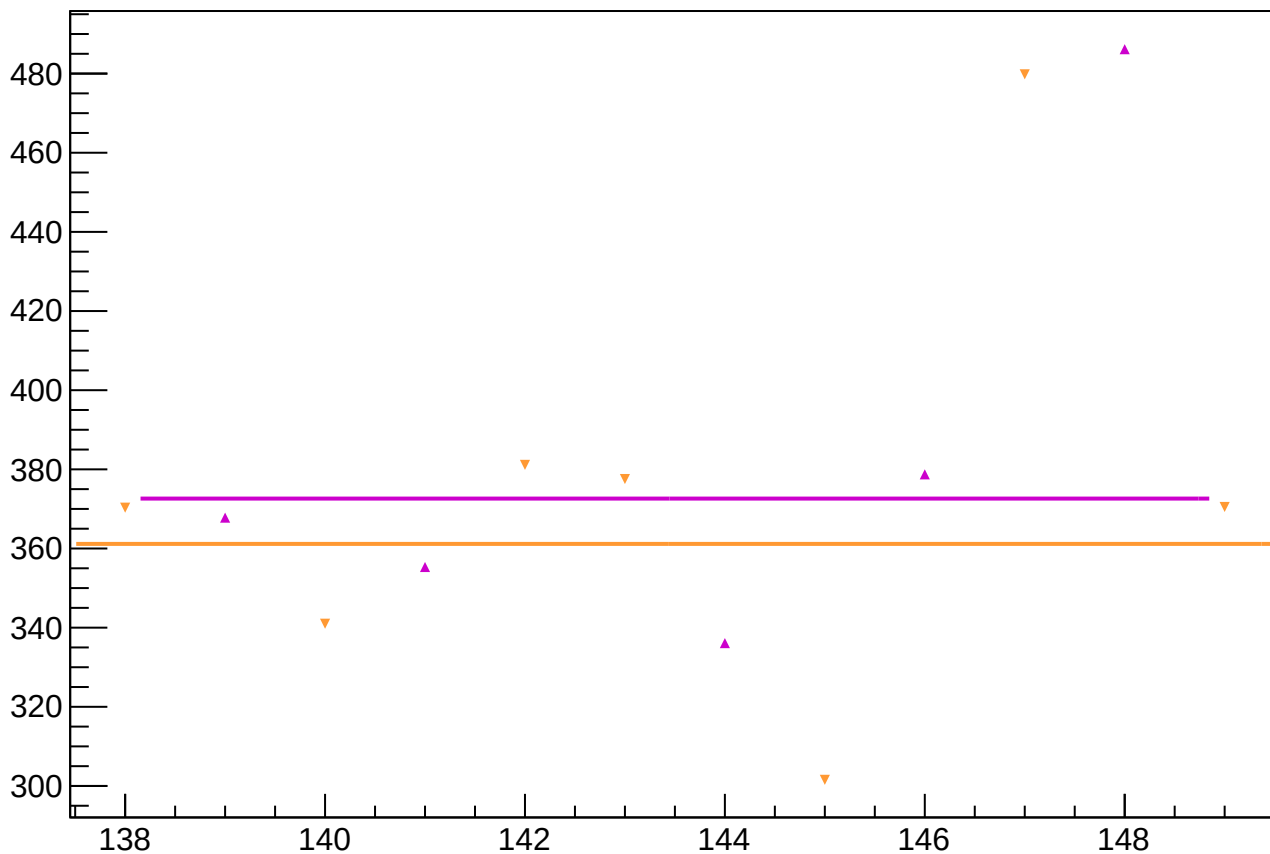
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 281.342+/-185.879 χ^2/NDF : 2.9/4

Out: -25.840+/-163.474 χ^2/NDF : 7.4/6

All: 108.131+/-122.755 χ^2/NDF : 11.8/11

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 361.162+/-0.116 χ^2/NDF :167206.2/6

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

Left In: 372.614+/-0.131 χ^2/NDF :111727.5/4

Left: 366.157+/-0.087 χ^2/NDF : 283214.5/11

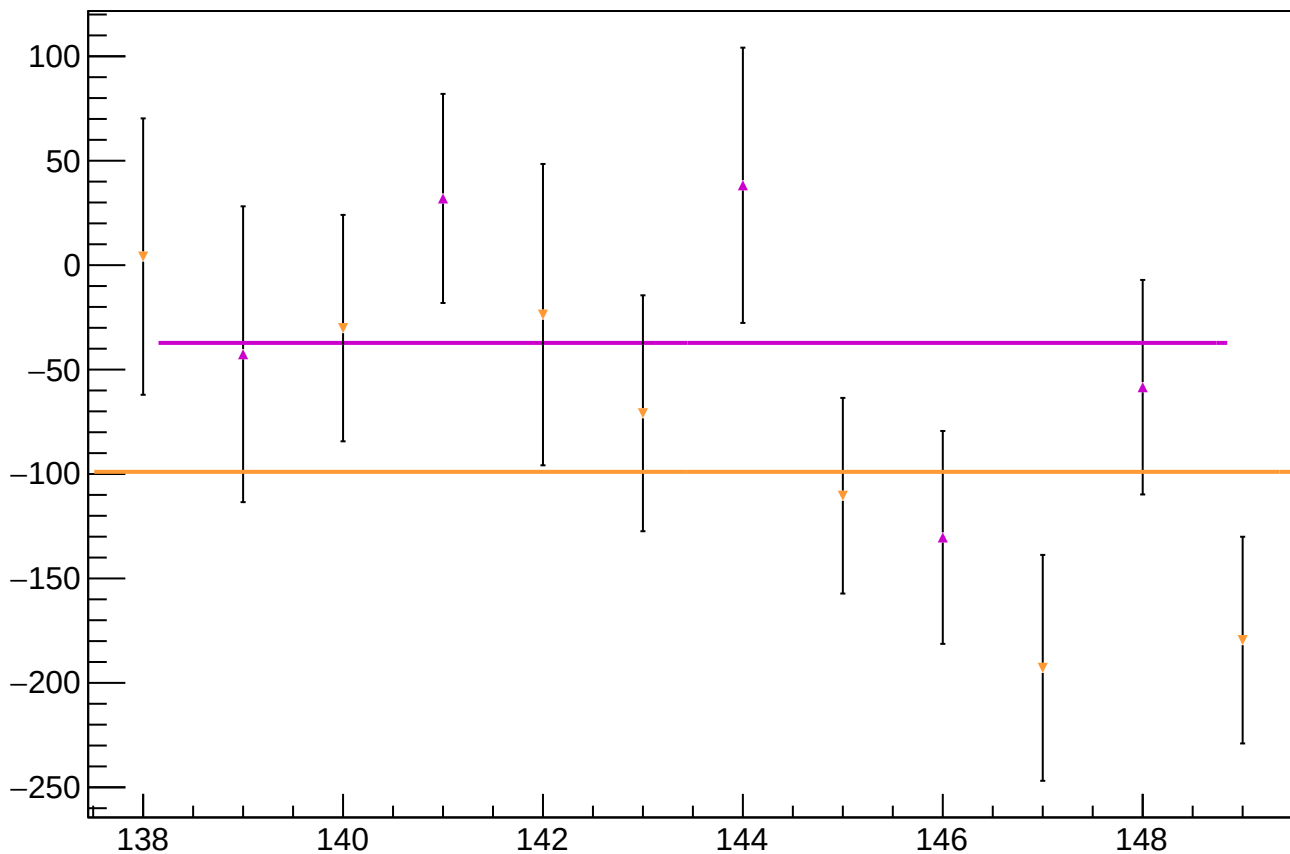
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.614+/-0.131 χ^2/NDF :111727.5/4

Out: 361.162+/-0.116 χ^2/NDF :167206.2/6

All: 366.157+/-0.087 χ^2/NDF : 283214.5/11

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -98.954 ± 20.940 $\chi^2/\text{NDF}: 11.1/6$

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

Left In: -37.219 ± 25.054 $\chi^2/\text{NDF}: 6.7/4$

Left: -73.565 ± 16.067 $\chi^2/\text{NDF}: 21.4/11$

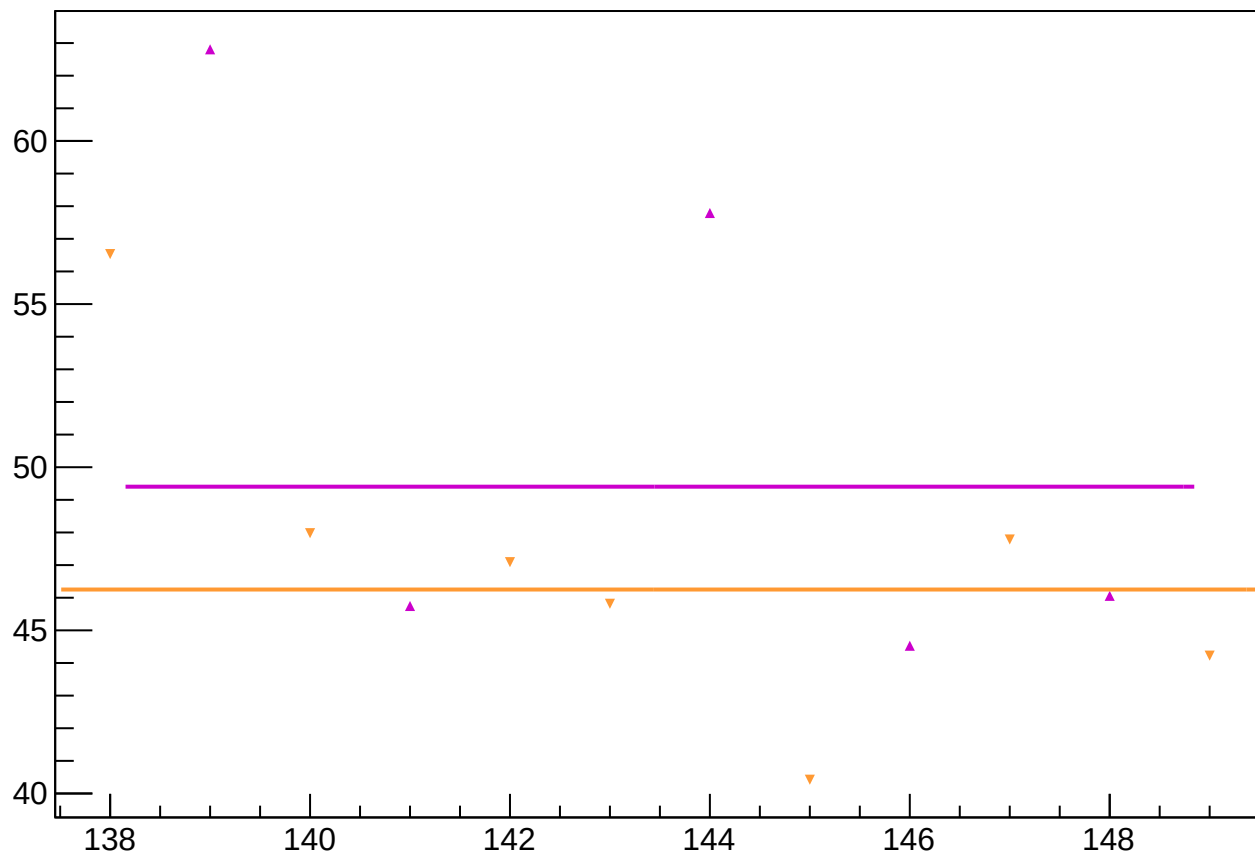
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -37.219 ± 25.054 $\chi^2/\text{NDF}: 6.7/4$

Out: -98.954 ± 20.940 $\chi^2/\text{NDF}: 11.1/6$

All: -73.565 ± 16.067 $\chi^2/\text{NDF}: 21.4/11$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 46.251+/-0.015 χ^2/NDF :86645.1/6

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

Left In: 49.404+/-0.018 χ^2/NDF :141535.6/4

Left: 47.548+/-0.011 χ^2/NDF : 246820.3/11

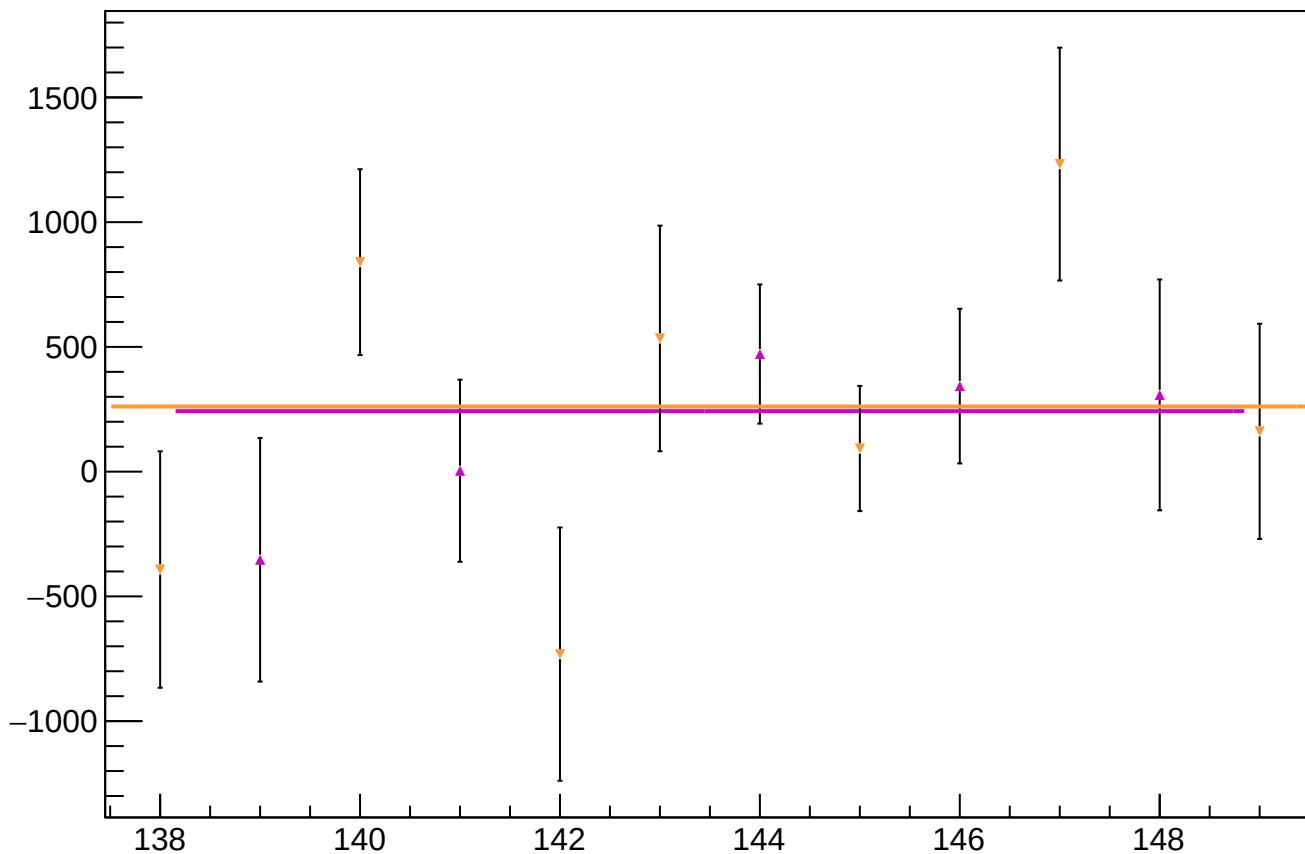
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.404+/-0.018 χ^2/NDF :141535.6/4

Out: 46.251+/-0.015 χ^2/NDF :86645.1/6

All: 47.548+/-0.011 χ^2/NDF : 246820.3/11

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: 261.057+/-146.980 χ^2/NDF :13.3/6

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

Left In: 242.422+/-158.858 χ^2/NDF :2.7/4

Left: 252.462+/-107.886 χ^2/NDF : 16.1/11

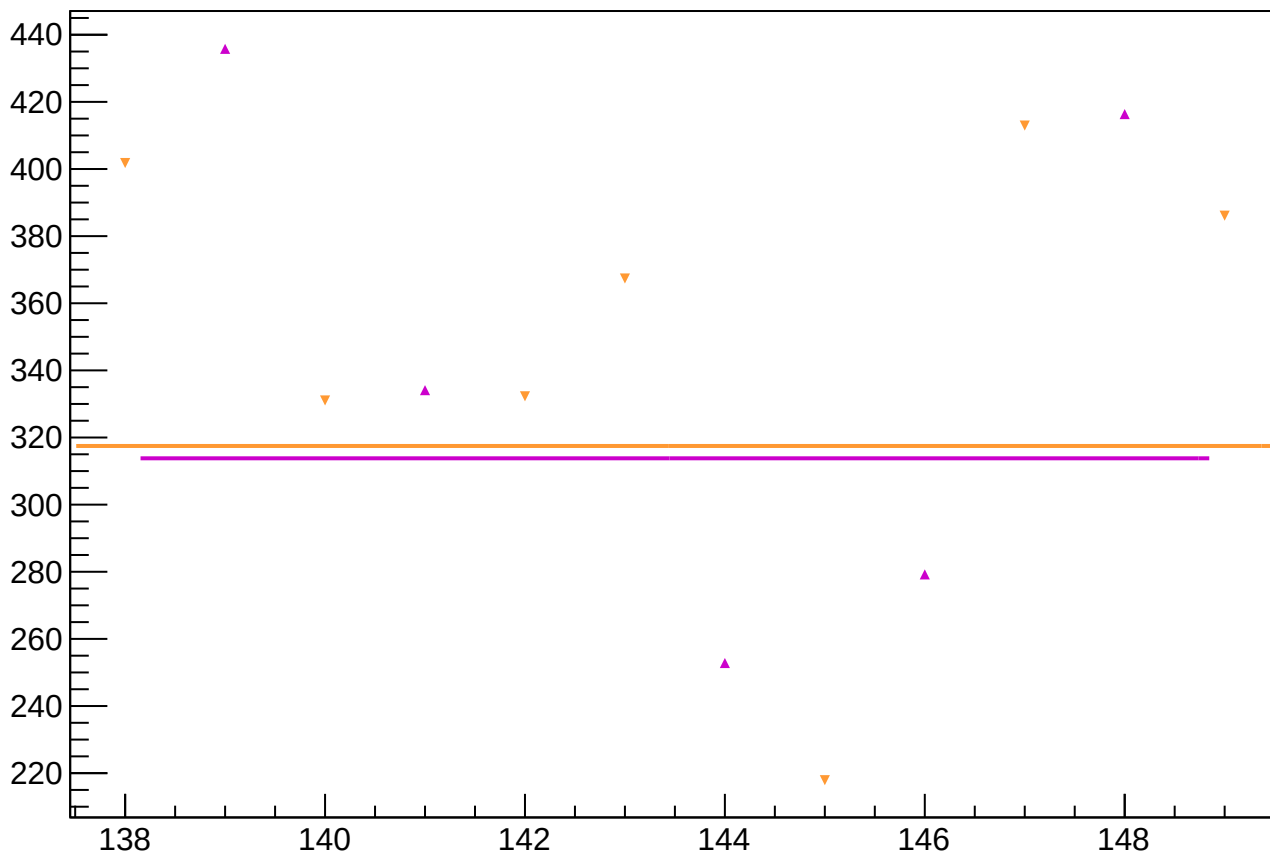
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.422+/-158.858 χ^2/NDF :2.7/4

Out: 261.057+/-146.980 χ^2/NDF :13.3/6

All: 252.462+/-107.886 χ^2/NDF : 16.1/11

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: 317.480+/-0.104 χ^2/NDF :541405.6/6

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

Left In: 313.804+/-0.112 χ^2/NDF :349802.9/4

Left: 315.785+/-0.076 χ^2/NDF : 891785.7/11

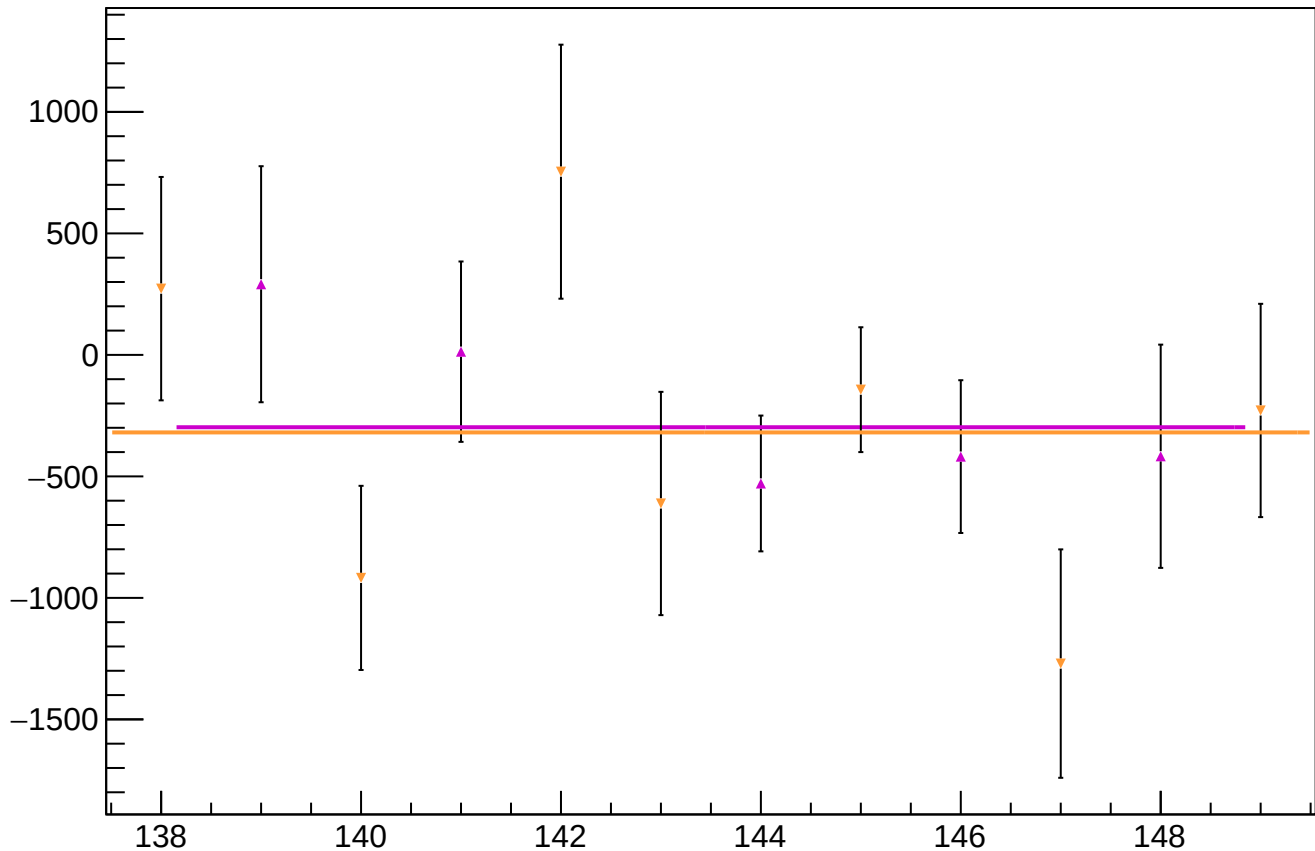
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 313.804+/-0.112 χ^2/NDF :349802.9/4

Out: 317.480+/-0.104 χ^2/NDF :541405.6/6

All: 315.785+/-0.076 χ^2/NDF : 891785.7/11

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -319.038+/-149.125 χ^2/NDF :13.4/6

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

Left In: -297.714+/-159.788 χ^2/NDF :3.1/4

Left: -309.111+/-109.022 χ^2/NDF : 16.5/11

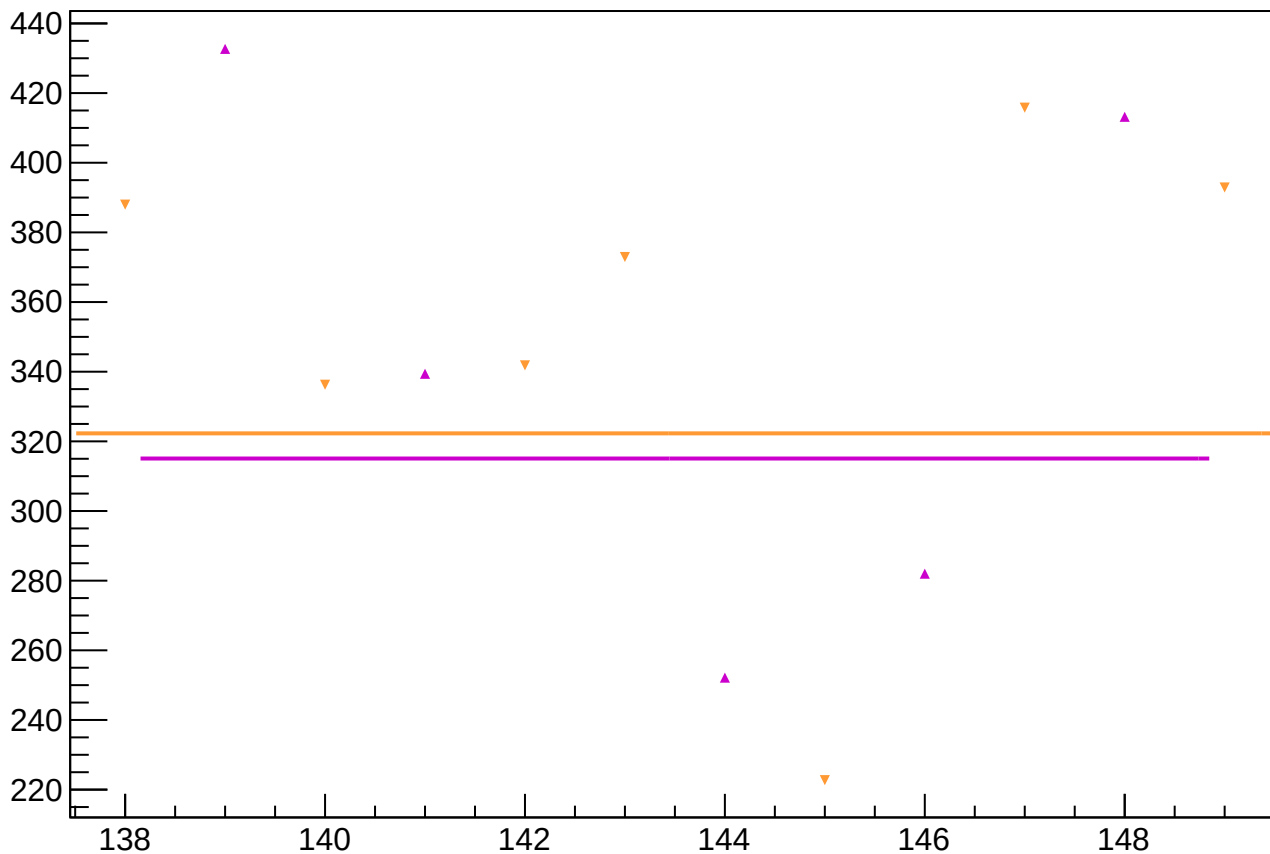
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.714+/-159.788 χ^2/NDF :3.1/4

Out: -319.038+/-149.125 χ^2/NDF :13.4/6

All: -309.111+/-109.022 χ^2/NDF : 16.5/11

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 322.294+/-0.105 χ^2/NDF : 502113.9/6

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

Left In: 315.069+/-0.113 χ^2/NDF : 340662.8/4

Left: 318.931+/-0.077 χ^2/NDF : 844961.9/11

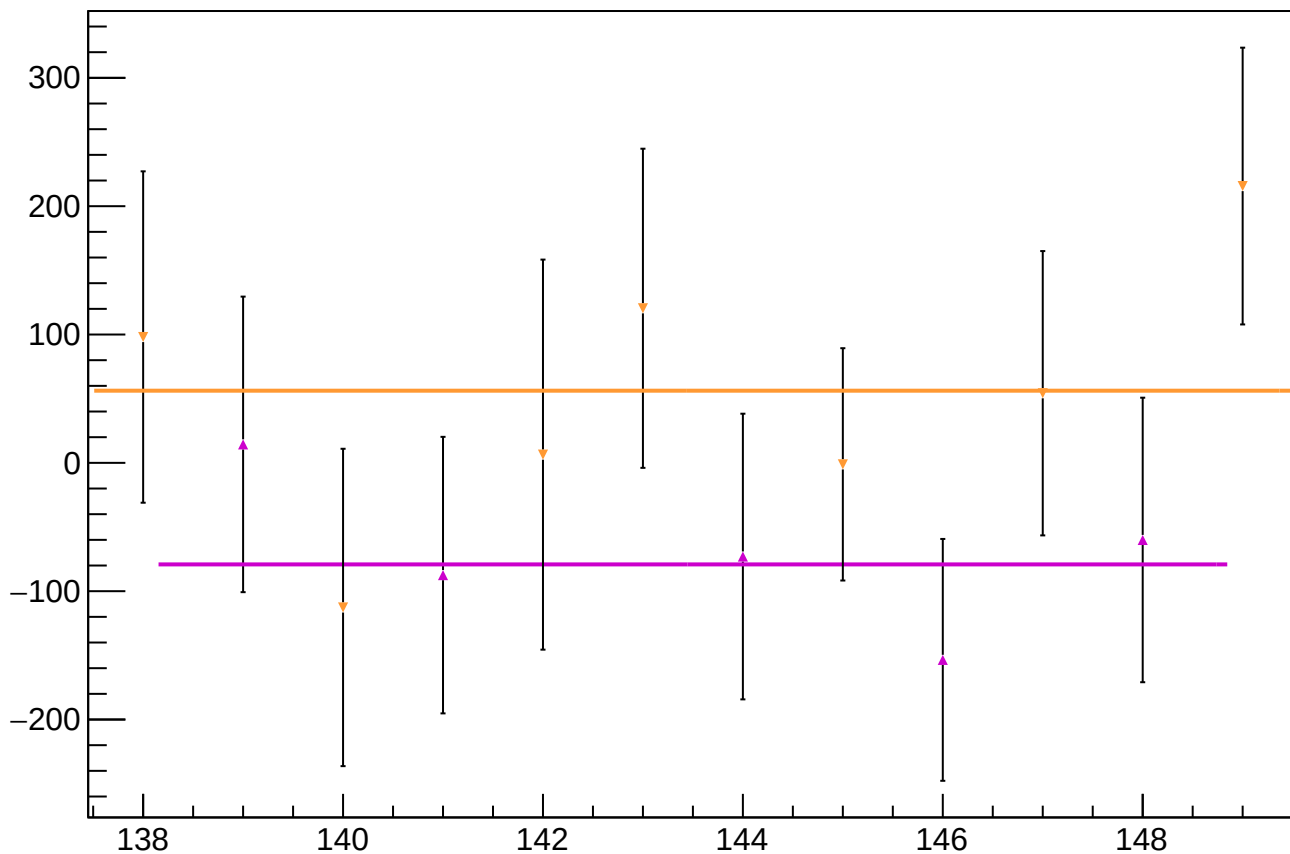
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 315.069+/-0.113 χ^2/NDF : 340662.8/4

Out: 322.294+/-0.105 χ^2/NDF : 502113.9/6

All: 318.931+/-0.077 χ^2/NDF : 844961.9/11

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: 56.234+/-43.730 χ^2/NDF :4.9/6

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

Left In: -79.129+/-47.876 χ^2/NDF :1.3/4

Left: -5.334+/-32.289 χ^2/NDF : 10.6/11

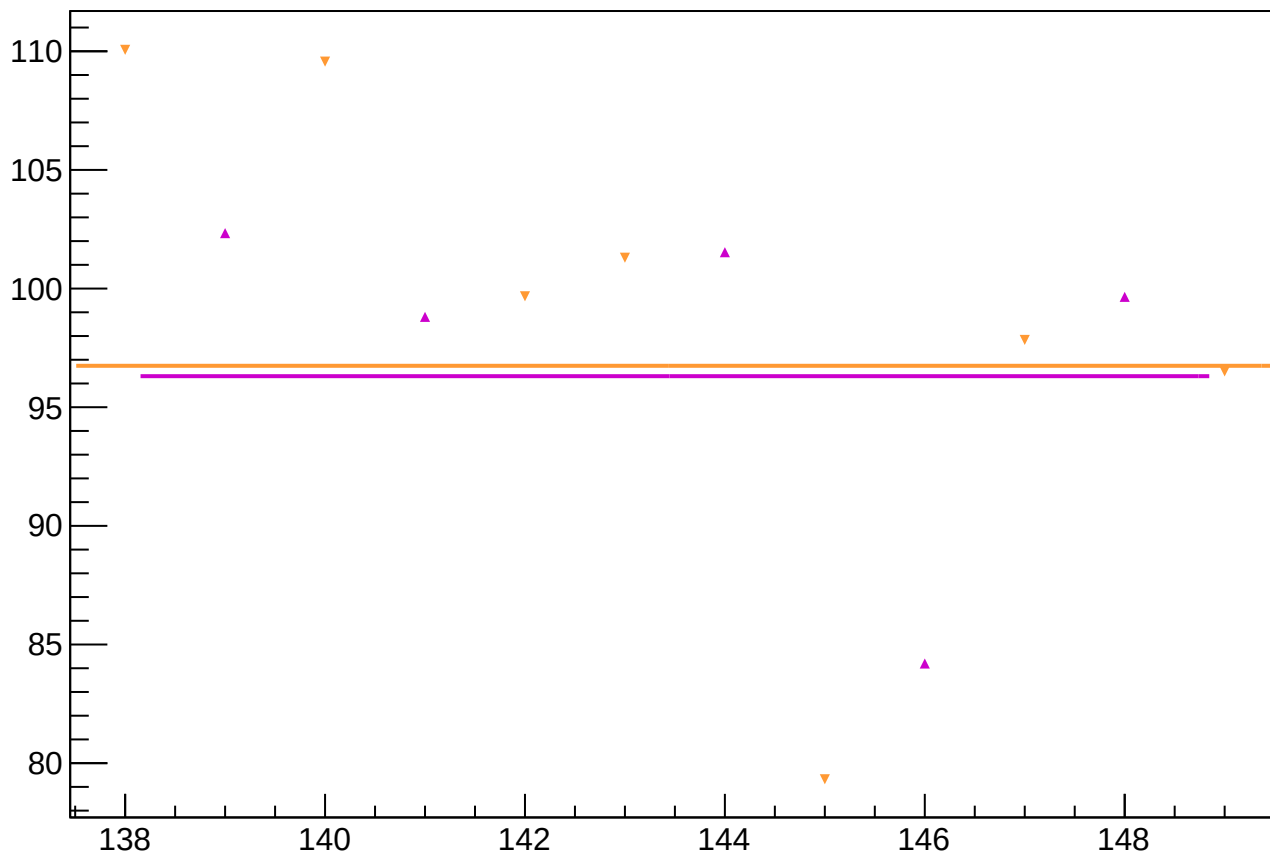
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -79.129+/-47.876 χ^2/NDF :1.3/4

Out: 56.234+/-43.730 χ^2/NDF :4.9/6

All: -5.334+/-32.289 χ^2/NDF : 10.6/11

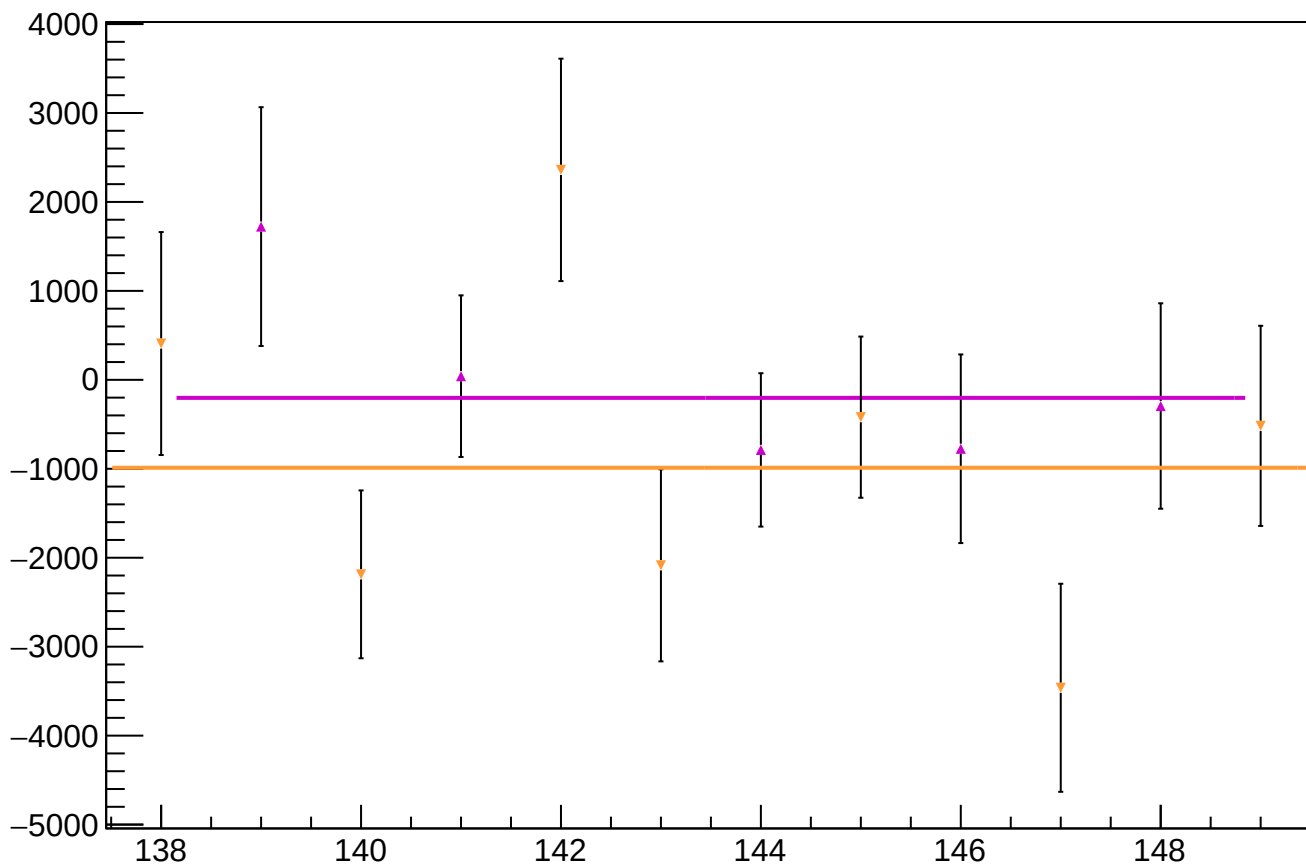
dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 96.746+/-0.031 χ^2/NDF :120512.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 96.308+/-0.034 χ^2/NDF :45807.5/4

Left: 96.547+/-0.023 χ^2/NDF : 166410.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 96.308+/-0.034 χ^2/NDF :45807.5/4
 Out: 96.746+/-0.031 χ^2/NDF :120512.1/6
 All: 96.547+/-0.023 χ^2/NDF : 166410.7/11

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: -988.323+/-408.332 χ^2/NDF :16.1/6

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

Left In: -202.707+/-458.773 χ^2/NDF :2.9/4

Left: -641.062+/-305.015 χ^2/NDF : 20.6/11

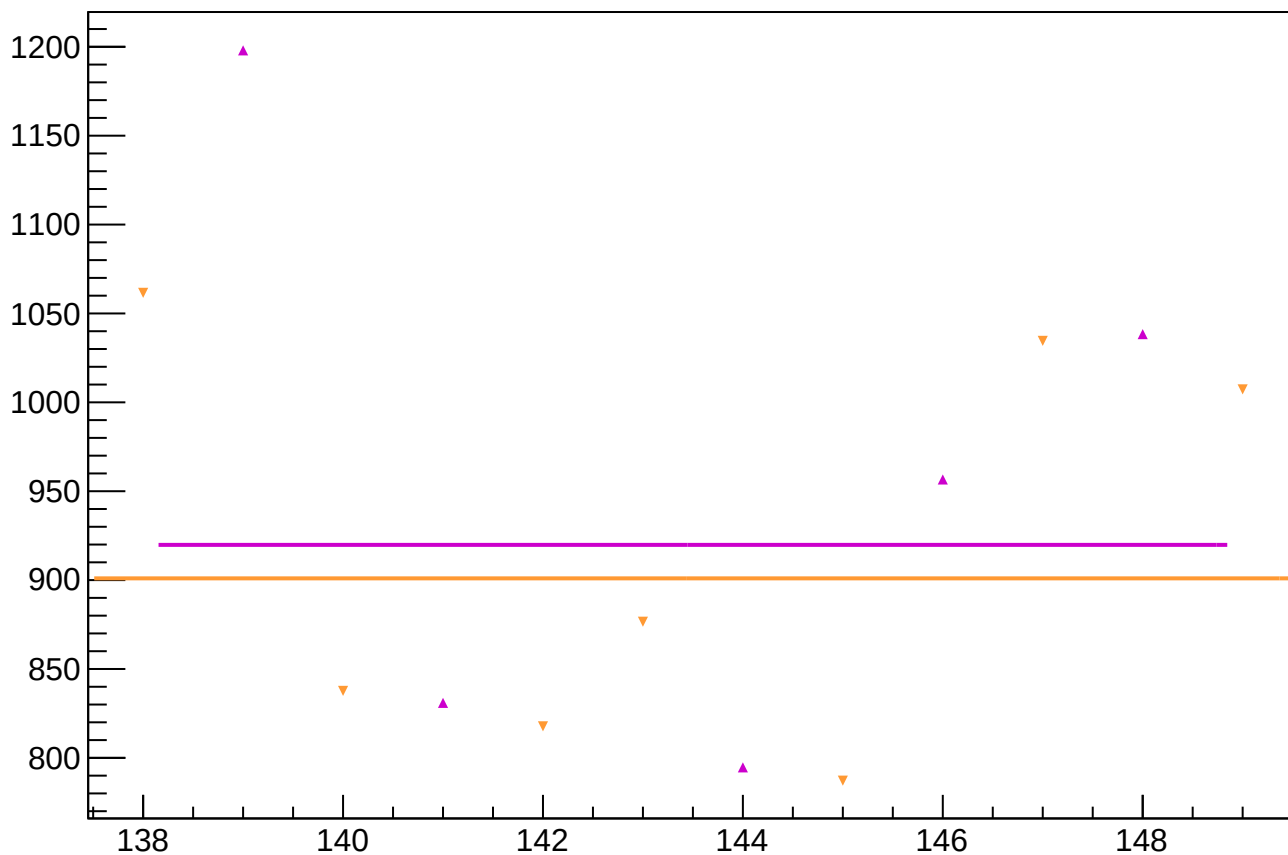
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.707+/-458.773 χ^2/NDF :2.9/4

Out: -988.323+/-408.332 χ^2/NDF :16.1/6

All: -641.062+/-305.015 χ^2/NDF : 20.6/11

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: 900.979+/-0.289 χ^2/NDF :127258.0/6

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

Left In: 919.814+/-0.324 χ^2/NDF :170674.4/4

Left: 909.304+/-0.216 χ^2/NDF : 299813.3/11

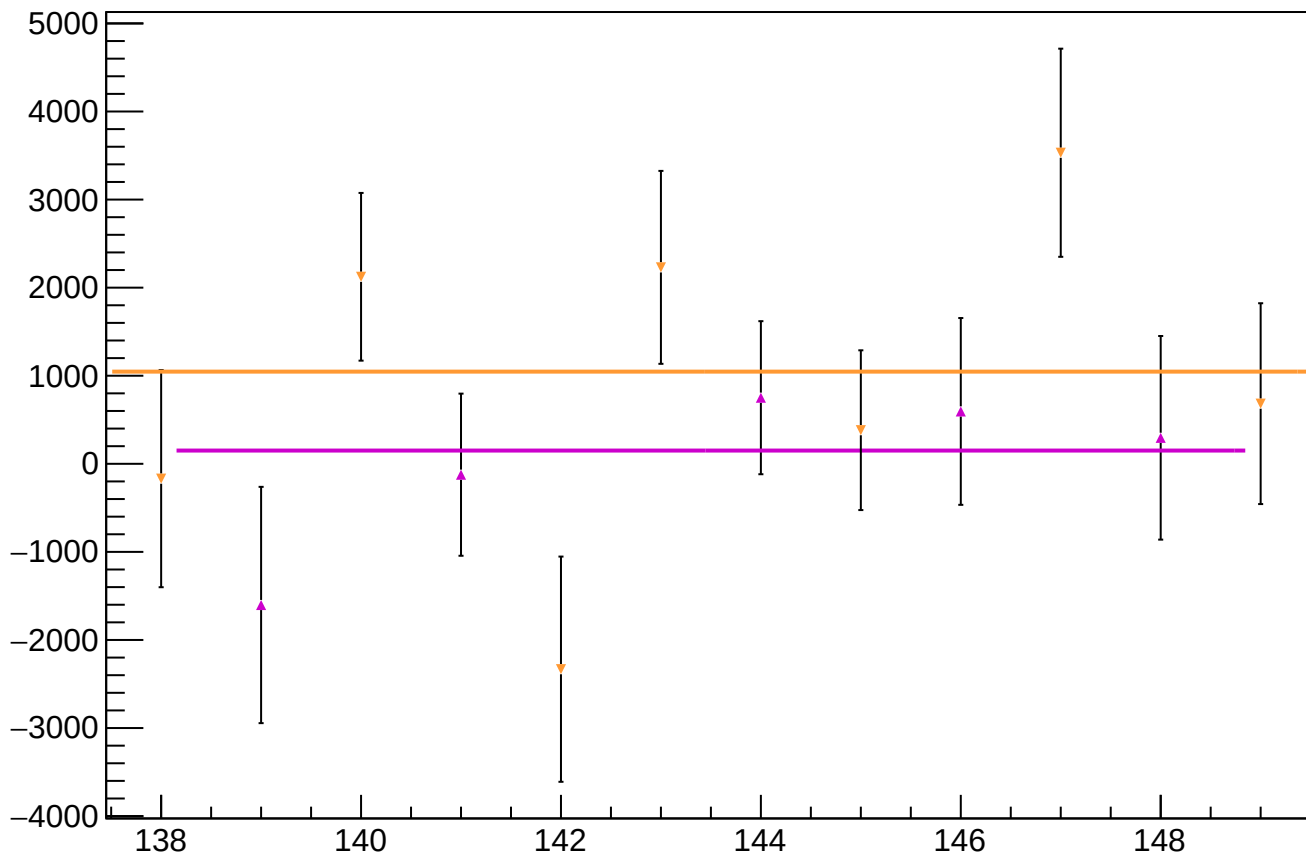
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 919.814+/-0.324 χ^2/NDF :170674.4/4

Out: 900.979+/-0.289 χ^2/NDF :127258.0/6

All: 909.304+/-0.216 χ^2/NDF : 299813.3/11

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1046.655+/-411.407 χ^2/NDF :15.5/6

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

Left In: 150.467+/-461.348 χ^2/NDF :2.5/4

Left: 649.676+/-307.053 χ^2/NDF : 20.0/11

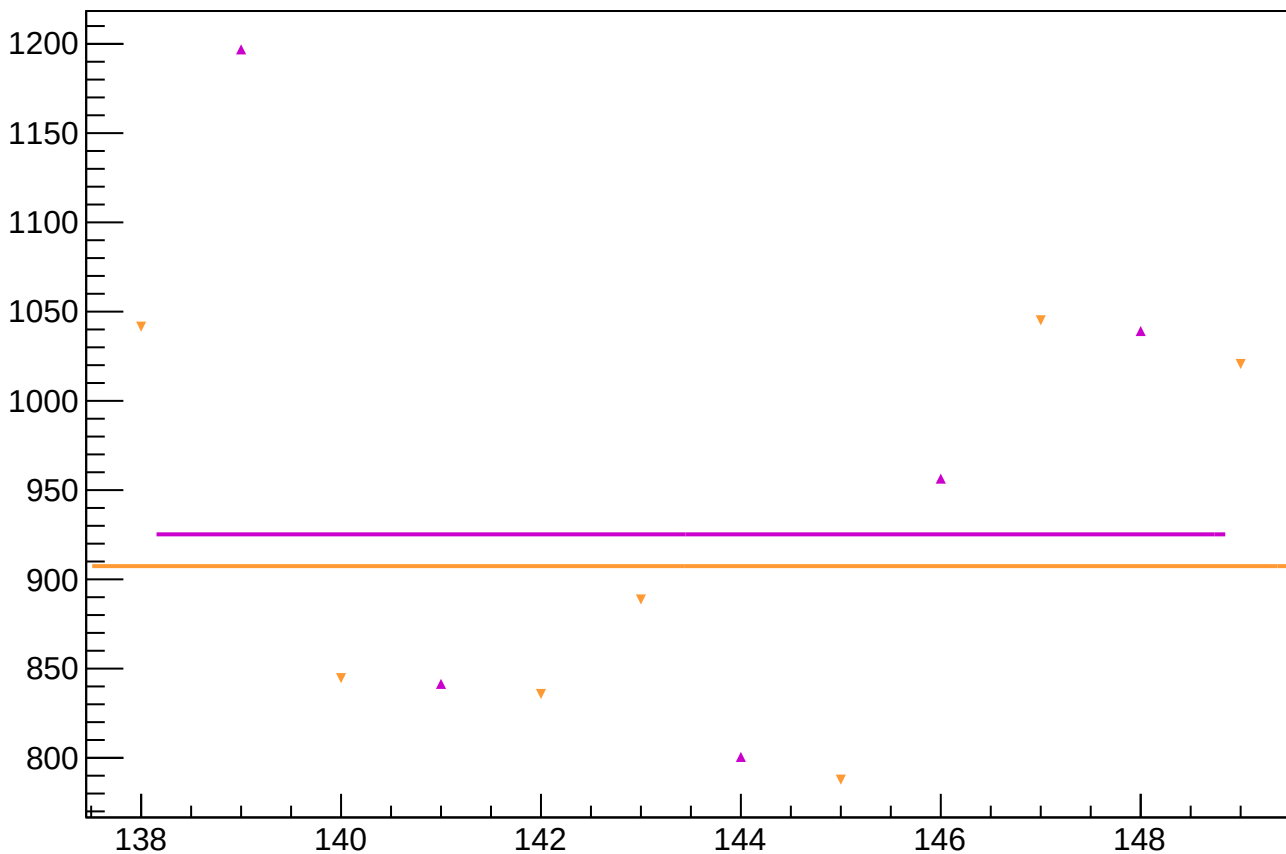
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 150.467+/-461.348 χ^2/NDF :2.5/4

Out: 1046.655+/-411.407 χ^2/NDF :15.5/6

All: 649.676+/-307.053 χ^2/NDF : 20.0/11

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 907.411+/-0.291 χ^2/NDF :120954.9/6

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

Left In: 925.217+/-0.326 χ^2/NDF :160981.4/4

Left: 915.298+/-0.217 χ^2/NDF : 283595.8/11

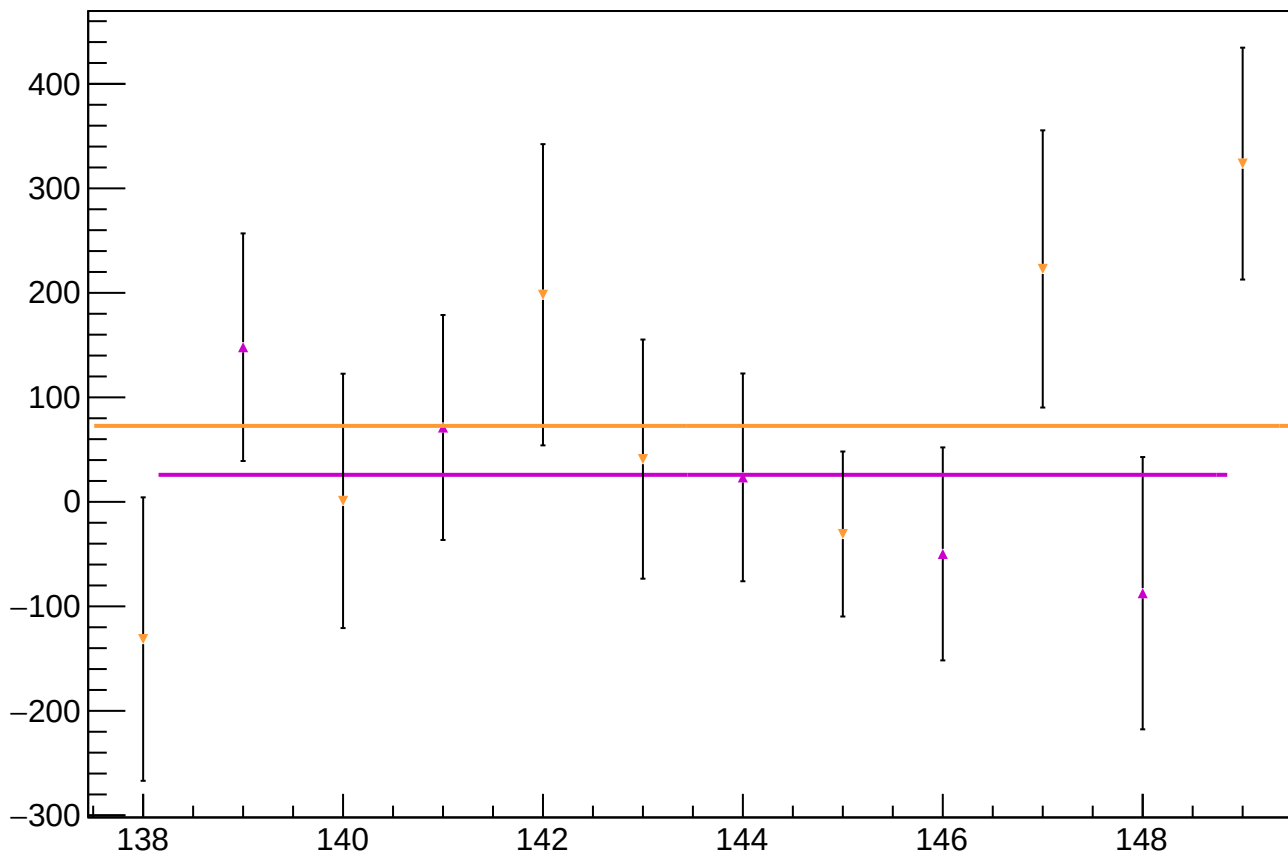
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 925.217+/-0.326 χ^2/NDF :160981.4/4

Out: 907.411+/-0.291 χ^2/NDF :120954.9/6

All: 915.298+/-0.217 χ^2/NDF : 283595.8/11

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: 72.708+/-42.839 χ^2/NDF :11.6/6

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

Left In: 25.879+/-48.394 χ^2/NDF :2.7/4

Left: 52.134+/-32.077 χ^2/NDF : 14.8/11

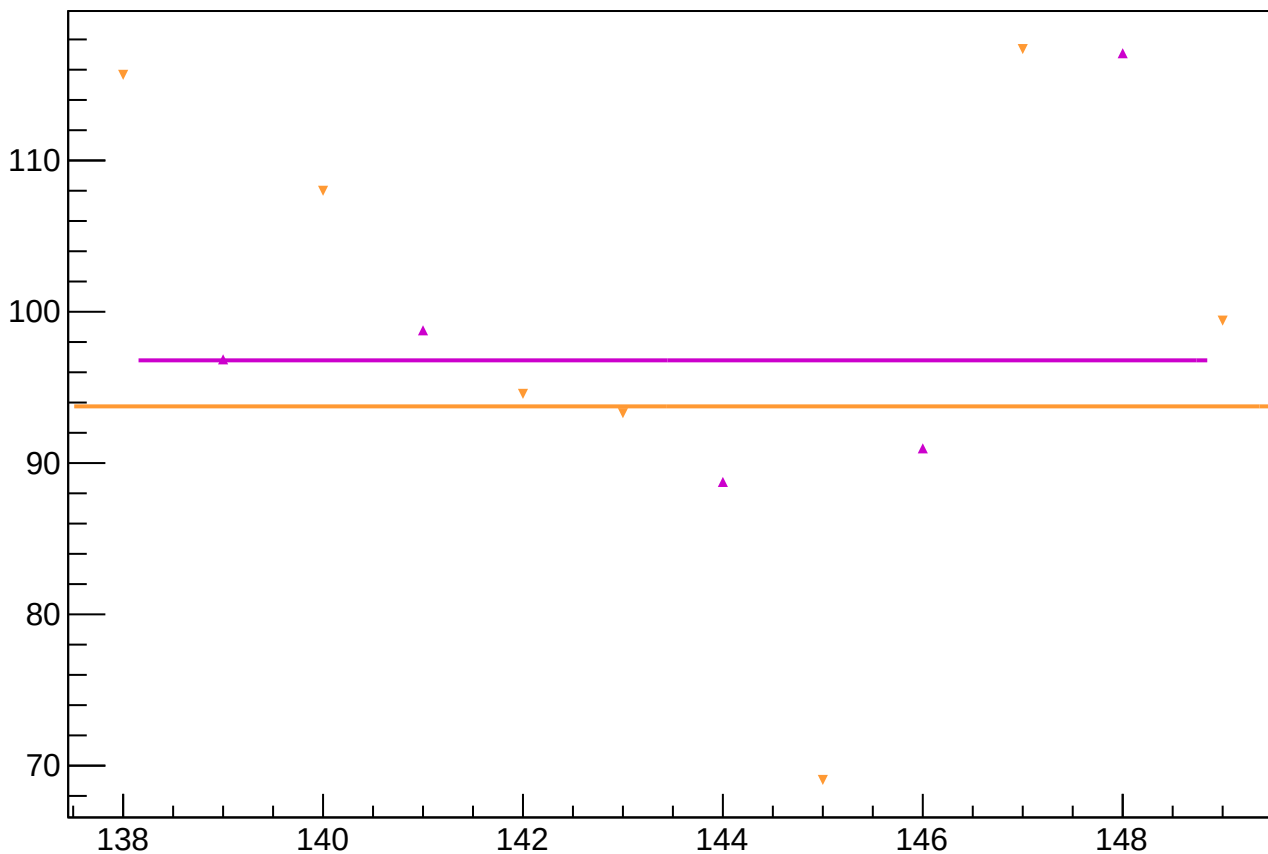
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.879+/-48.394 χ^2/NDF :2.7/4

Out: 72.708+/-42.839 χ^2/NDF :11.6/6

All: 52.134+/-32.077 χ^2/NDF : 14.8/11

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: 93.747+/-0.030 χ^2/NDF :343969.9/6

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

Left In: 96.789+/-0.034 χ^2/NDF :68814.7/4

Left: 95.084+/-0.023 χ^2/NDF : 417216.8/11

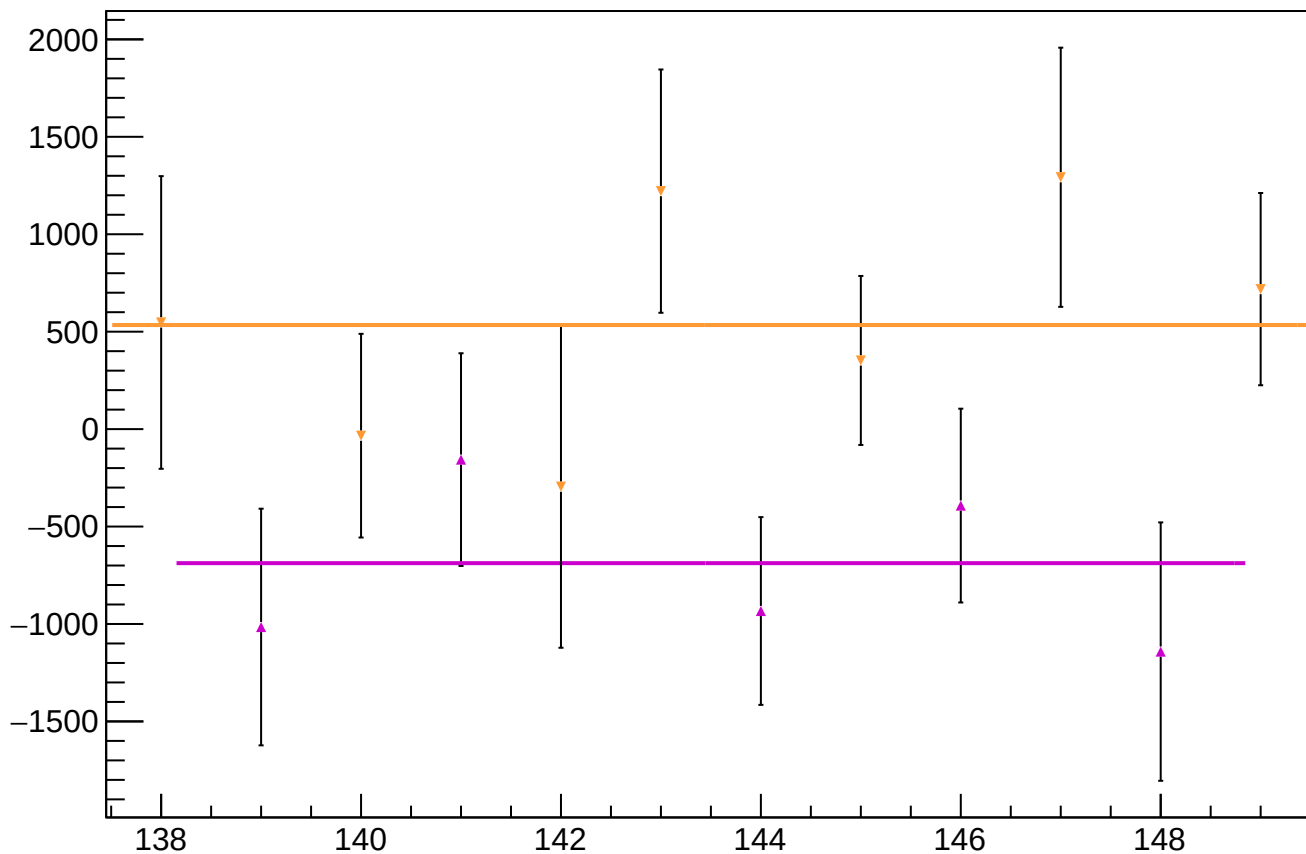
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 96.789+/-0.034 χ^2/NDF :68814.7/4

Out: 93.747+/-0.030 χ^2/NDF :343969.9/6

All: 95.084+/-0.023 χ^2/NDF : 417216.8/11

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: 534.069+/-217.421 χ^2/NDF :5.0/6

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

Left In: -687.838+/-244.707 χ^2/NDF :2.3/4

Left: -4.988+/-162.534 χ^2/NDF : 21.3/11

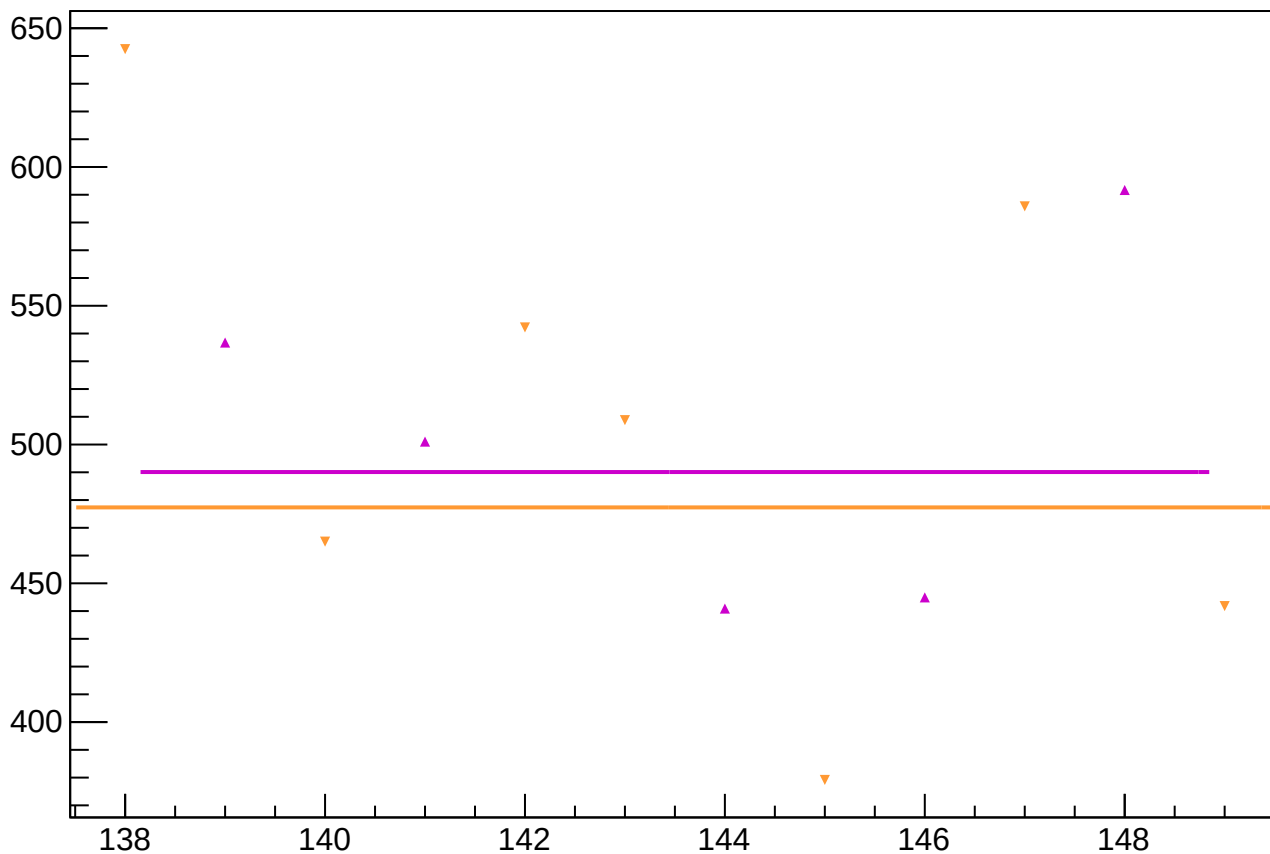
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -687.838+/-244.707 χ^2/NDF :2.3/4

Out: 534.069+/-217.421 χ^2/NDF :5.0/6

All: -4.988+/-162.534 χ^2/NDF : 21.3/11

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: 477.351+/-0.154 χ^2/NDF :281350.5/6

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

Left In: 490.092+/-0.173 χ^2/NDF :96963.3/4

Left: 482.972+/-0.115 χ^2/NDF : 381343.5/11

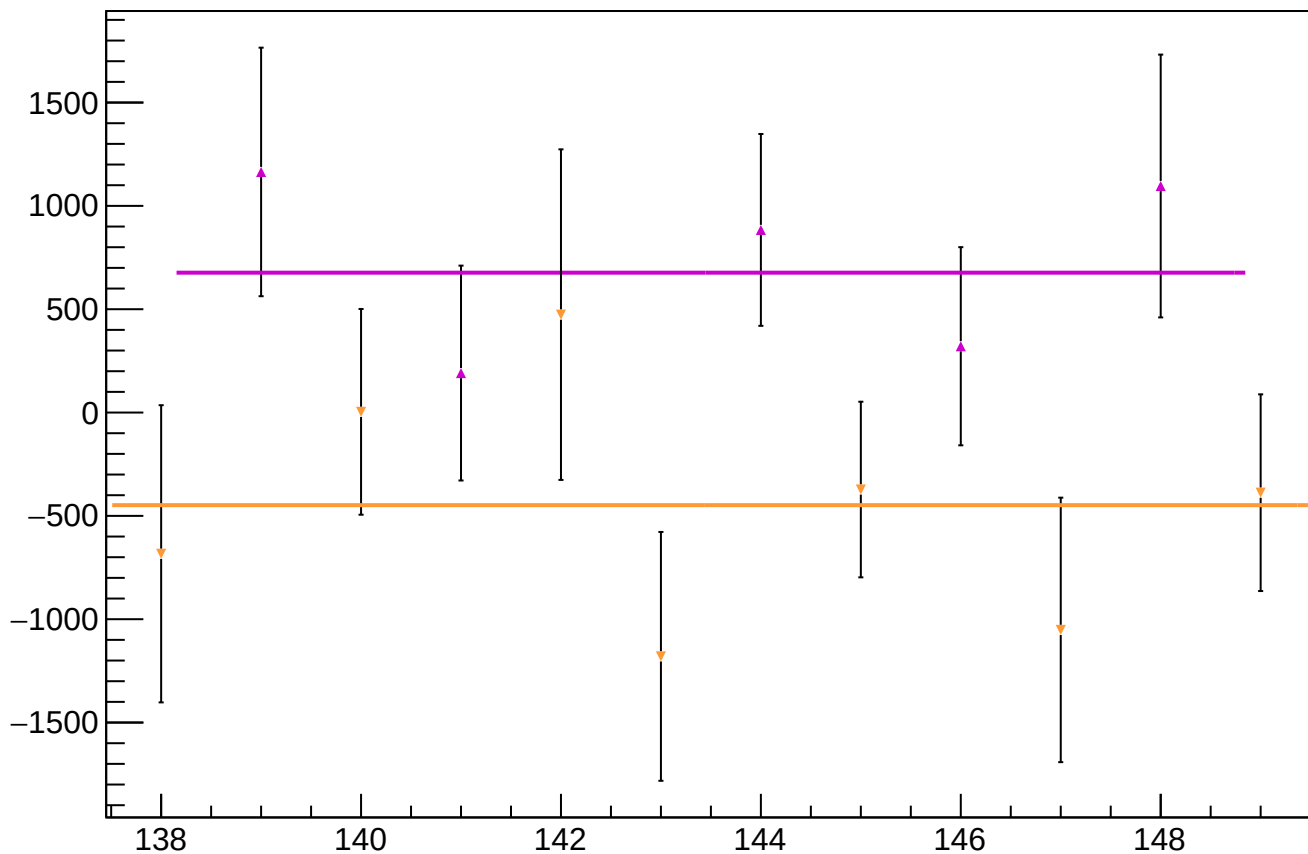
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.092+/-0.173 χ^2/NDF :96963.3/4

Out: 477.351+/-0.154 χ^2/NDF :281350.5/6

All: 482.972+/-0.115 χ^2/NDF : 381343.5/11

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -448.117+/-209.934 χ^2/NDF :4.7/6

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

Left In: 676.790+/-236.152 χ^2/NDF :2.7/4

Left: 48.449+/-156.899 χ^2/NDF : 20.1/11

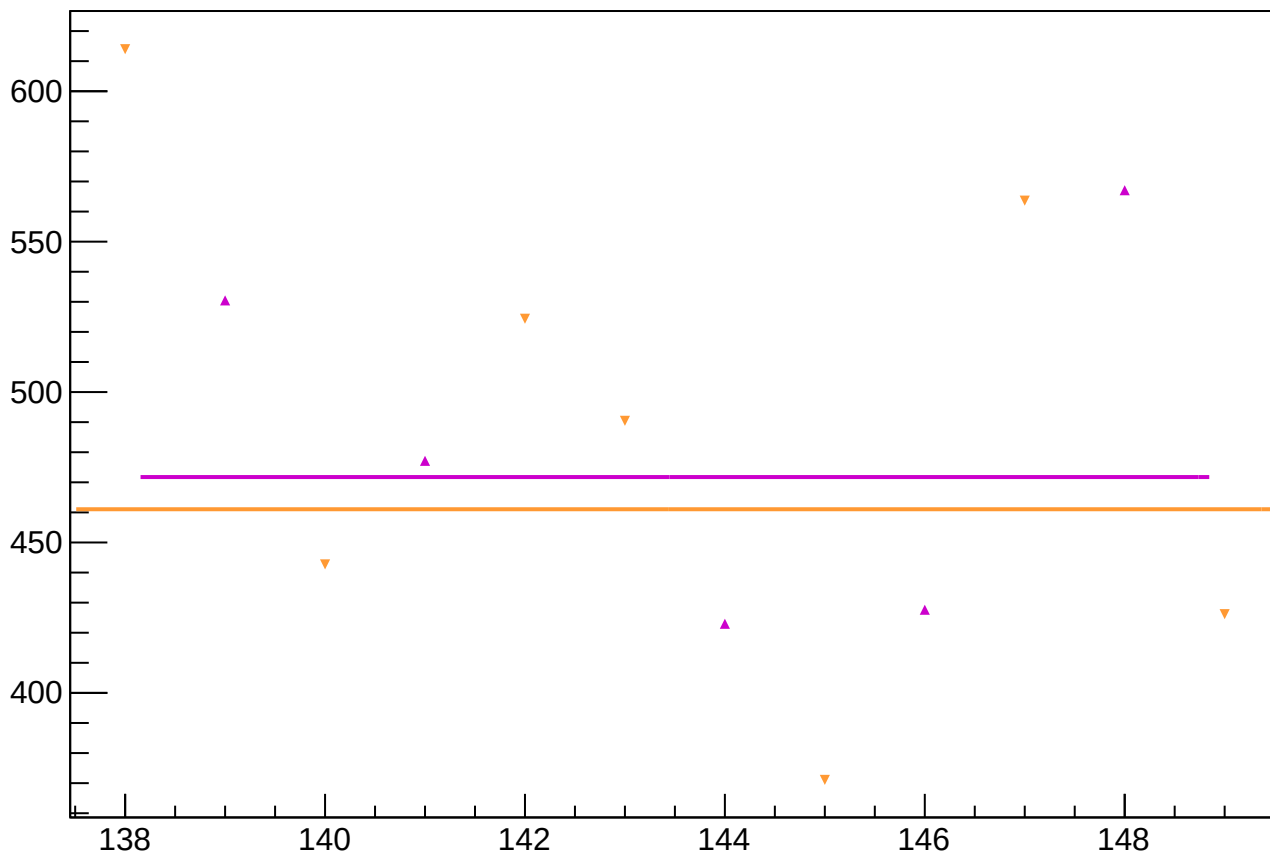
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 676.790+/-236.152 χ^2/NDF :2.7/4

Out: -448.117+/-209.934 χ^2/NDF :4.7/6

All: 48.449+/-156.899 χ^2/NDF : 20.1/11

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 461.049+/-0.148 χ^2/NDF :262306.5/6

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

Left In: 471.751+/-0.167 χ^2/NDF :103271.3/4

Left: 465.773+/-0.111 χ^2/NDF : 367872.2/11

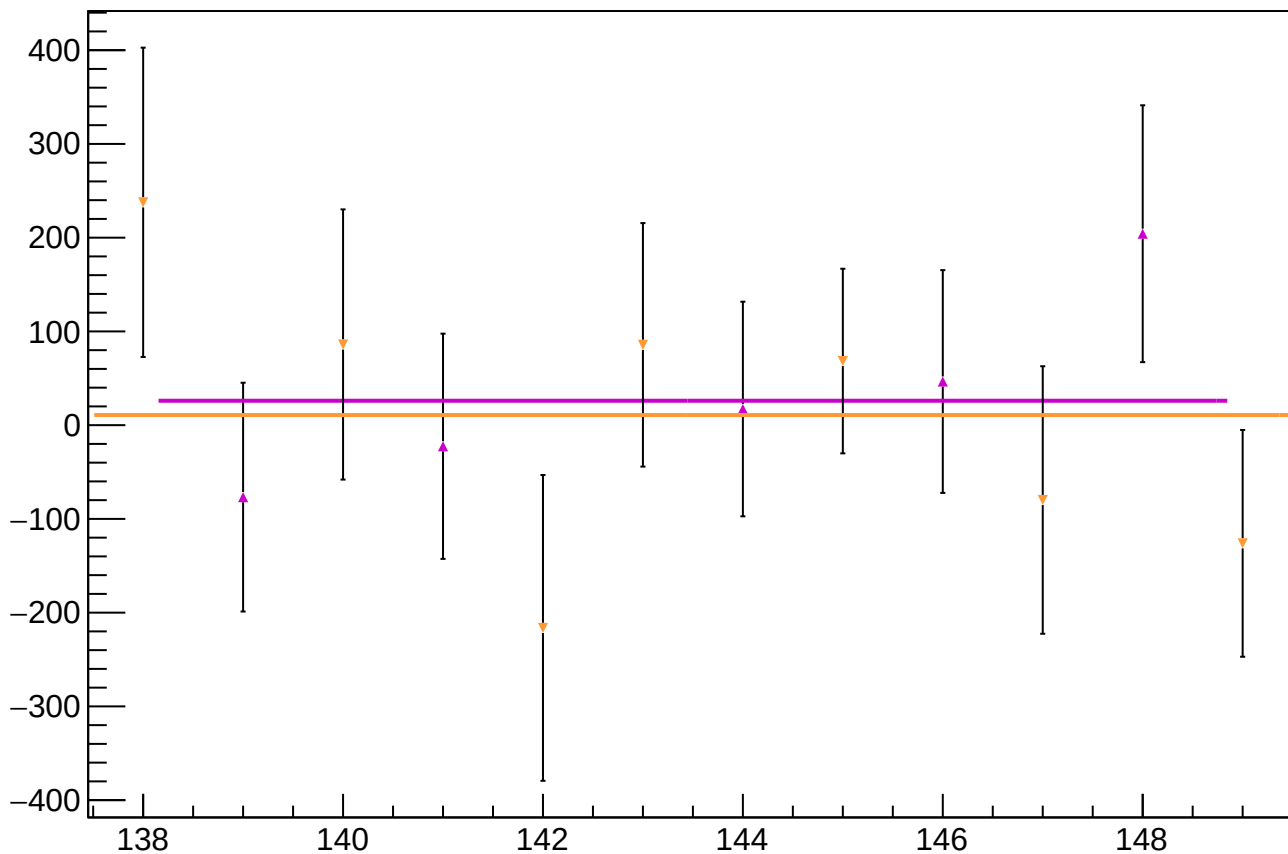
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 471.751+/-0.167 χ^2/NDF :103271.3/4

Out: 461.049+/-0.148 χ^2/NDF :262306.5/6

All: 465.773+/-0.111 χ^2/NDF : 367872.2/11

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 10.783 $\pm$ 49.853 χ^2 /NDF:6.5/6

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

Left In: 26.045 $\pm$ 54.483 χ^2 /NDF:2.6/4

Left: 17.738 $\pm$ 36.780 χ^2 /NDF: 9.1/11

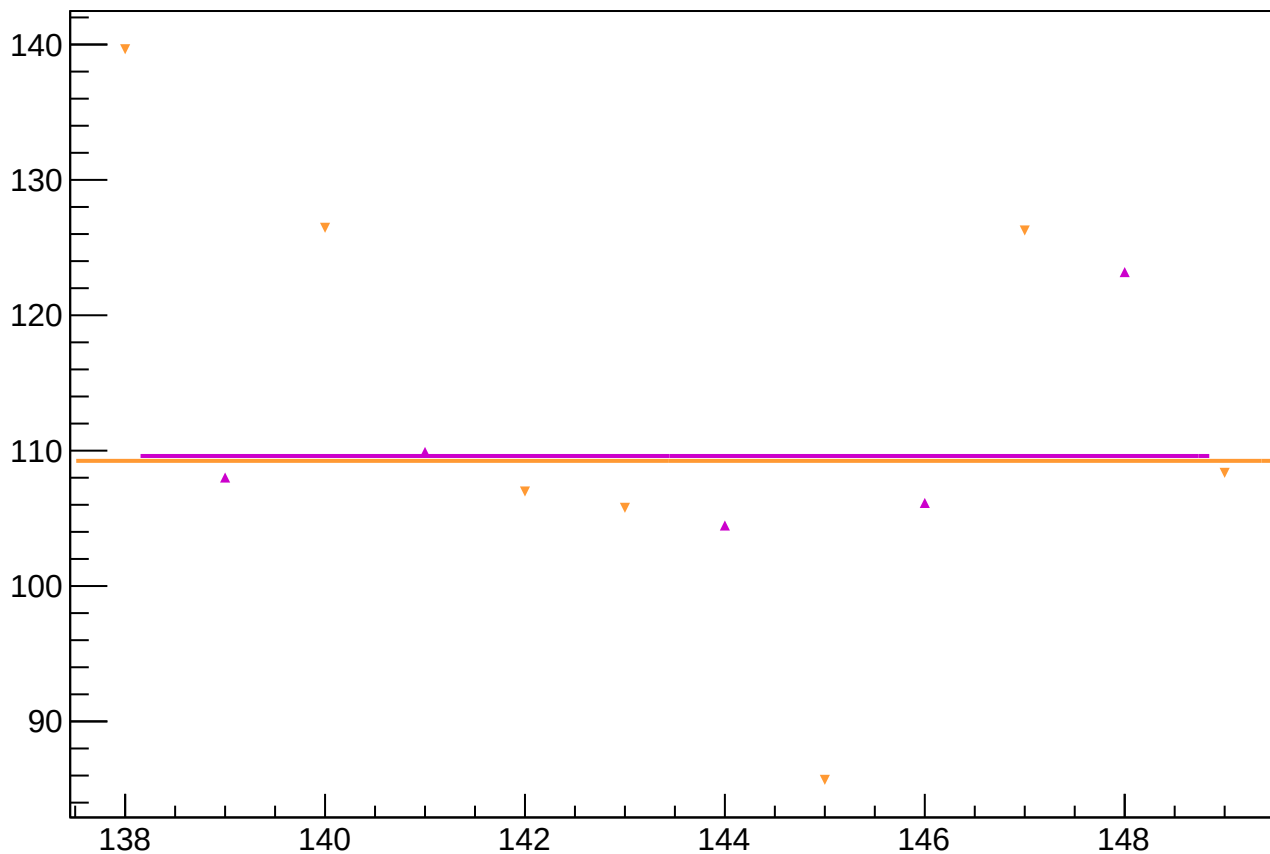
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 26.045 $\pm$ 54.483 χ^2 /NDF:2.6/4

Out: 10.783 $\pm$ 49.853 χ^2 /NDF:6.5/6

All: 17.738 $\pm$ 36.780 χ^2 /NDF: 9.1/11

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 109.246+/-0.035 χ^2/NDF :241368.0/6

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

Left In: 109.607+/-0.039 χ^2/NDF :25741.3/4

Left: 109.410+/-0.026 χ^2/NDF : 267156.8/11

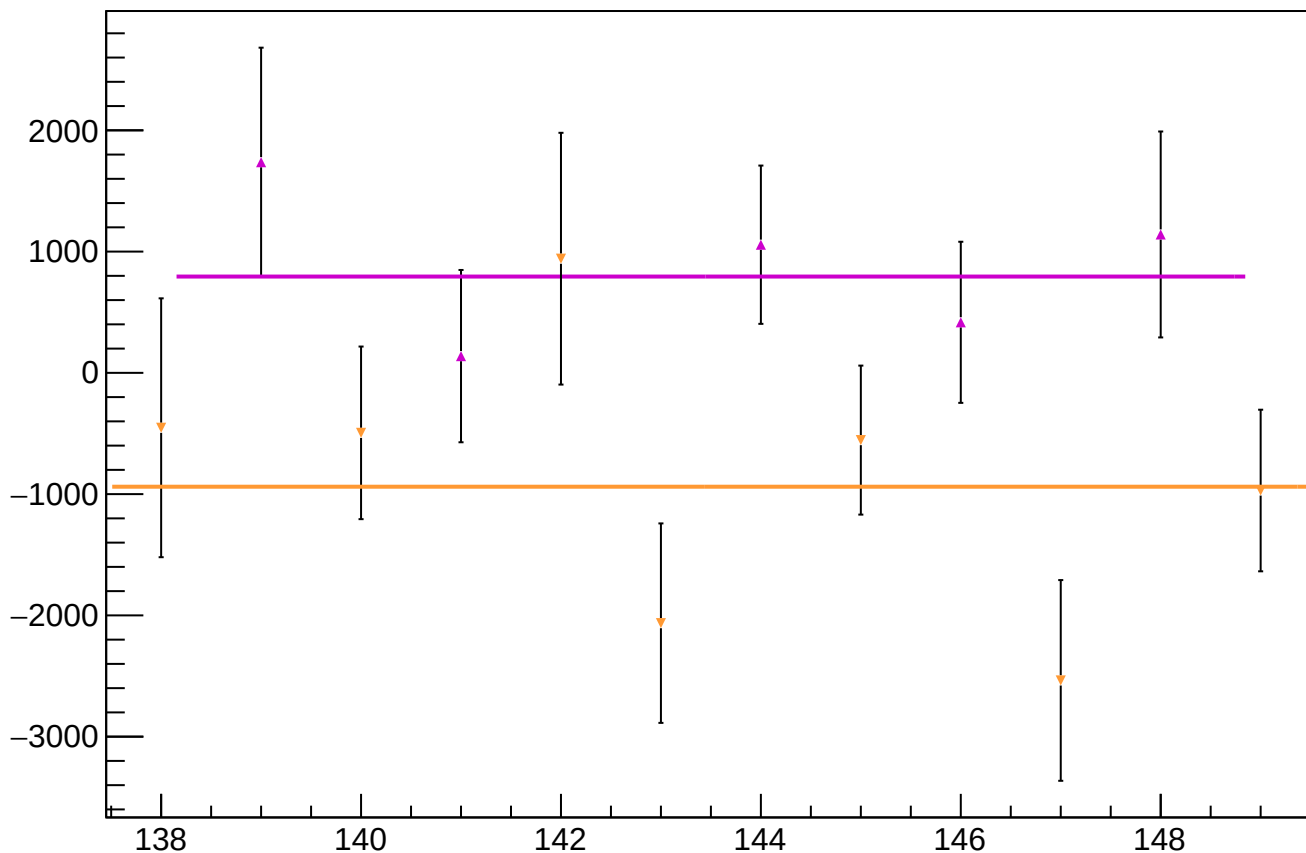
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 109.607+/-0.039 χ^2/NDF :25741.3/4

Out: 109.246+/-0.035 χ^2/NDF :241368.0/6

All: 109.410+/-0.026 χ^2/NDF : 267156.8/11

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -938.873+/-293.352 χ^2/NDF : 9.9/6

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

Left In: 794.133+/-331.423 χ^2/NDF : 2.5/4

Left: -177.580+/-219.664 χ^2/NDF : 27.7/11

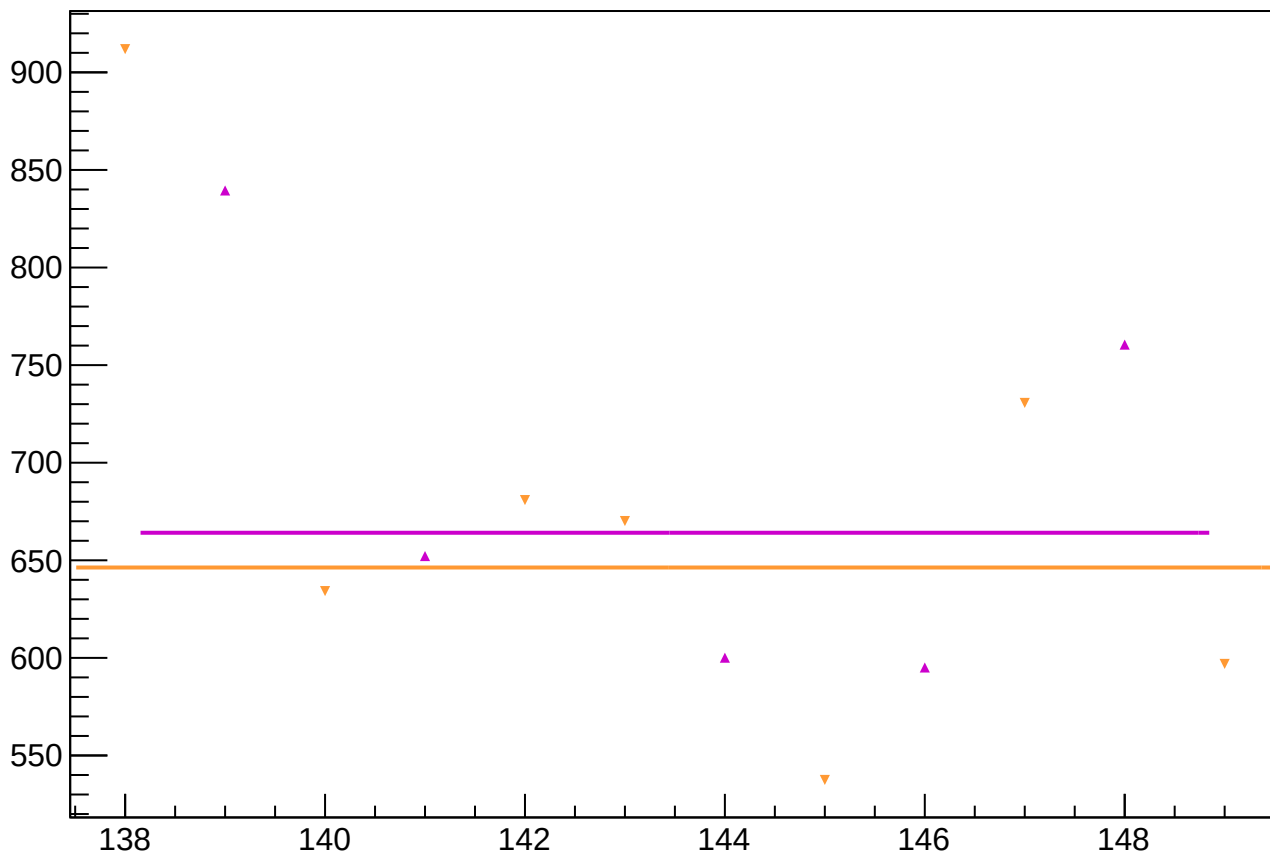
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 794.133+/-331.423 χ^2/NDF : 2.5/4

Out: -938.873+/-293.352 χ^2/NDF : 9.9/6

All: -177.580+/-219.664 χ^2/NDF : 27.7/11

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 646.308+/-0.207 χ^2/NDF :222829.2/6

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

Left In: 664.113+/-0.234 χ^2/NDF :136148.0/4

Left: 654.129+/-0.155 χ^2/NDF : 362213.8/11

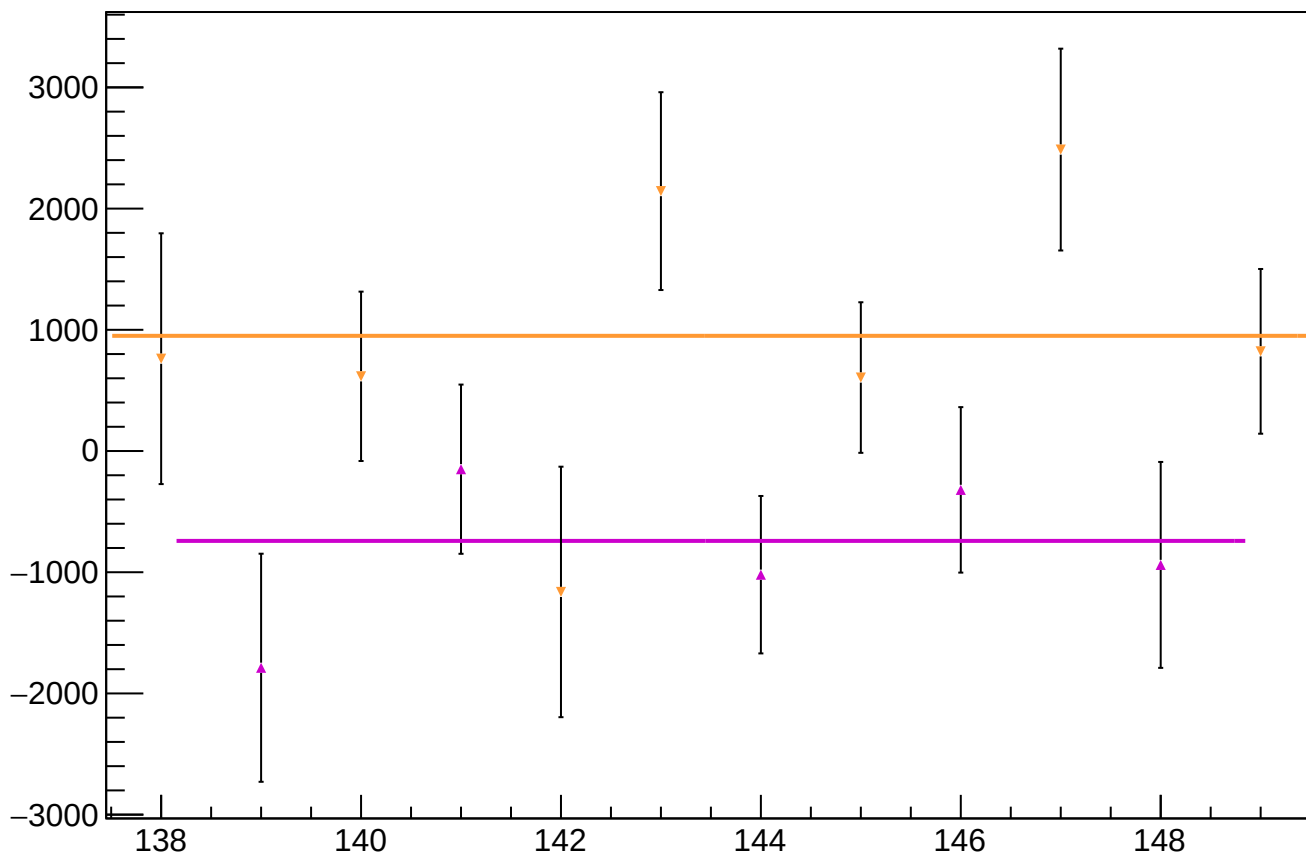
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 664.113+/-0.234 χ^2/NDF :136148.0/4

Out: 646.308+/-0.207 χ^2/NDF :222829.2/6

All: 654.129+/-0.155 χ^2/NDF : 362213.8/11

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 950.409+/-293.339 χ^2/NDF :10.3/6

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

Left In: -741.526+/-331.775 χ^2/NDF :2.6/4

Left: 208.082+/-219.760 χ^2/NDF : 27.5/11

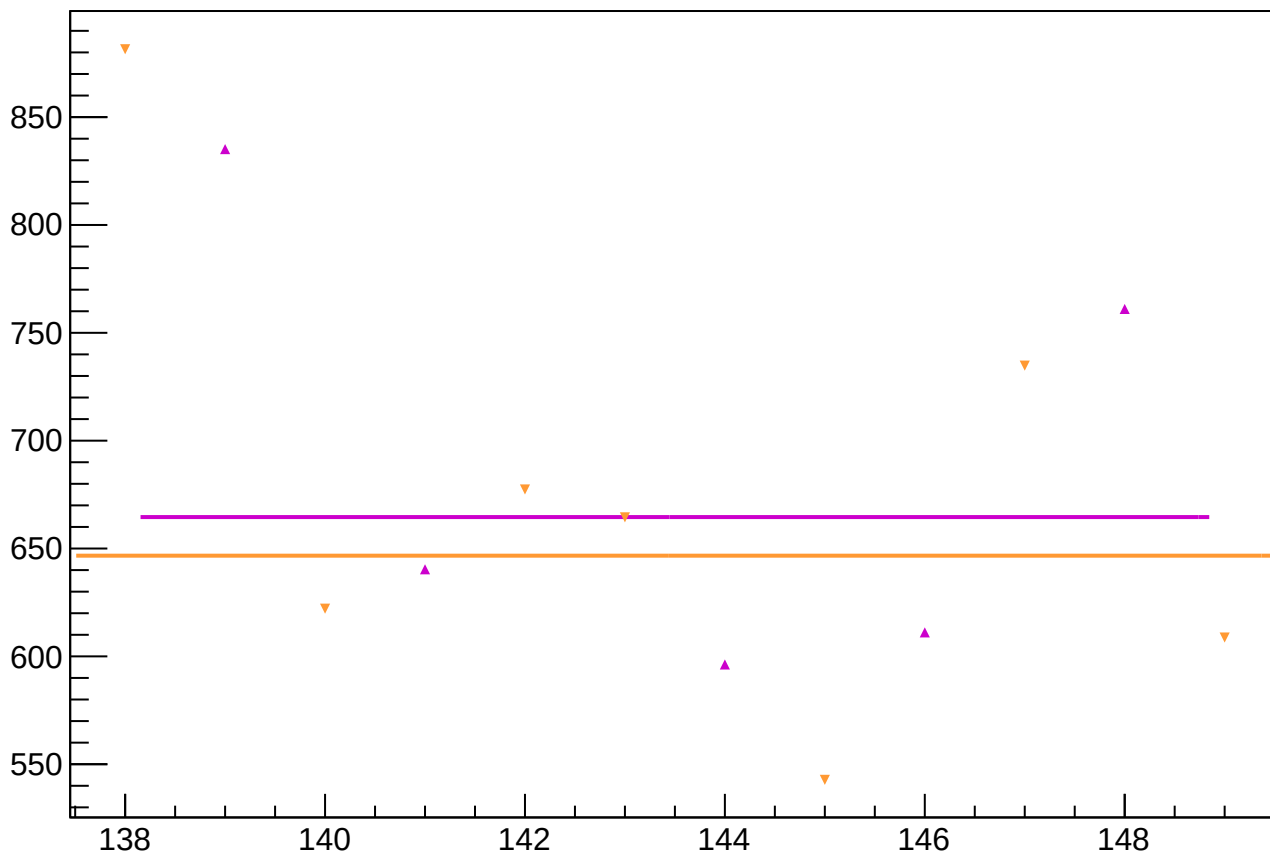
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -741.526+/-331.775 χ^2/NDF :2.6/4

Out: 950.409+/-293.339 χ^2/NDF :10.3/6

All: 208.082+/-219.760 χ^2/NDF : 27.5/11

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 646.683+/-0.207 χ^2/NDF :192825.5/6

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

Left In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Left: 654.536+/-0.155 χ^2/NDF : 324459.3/11

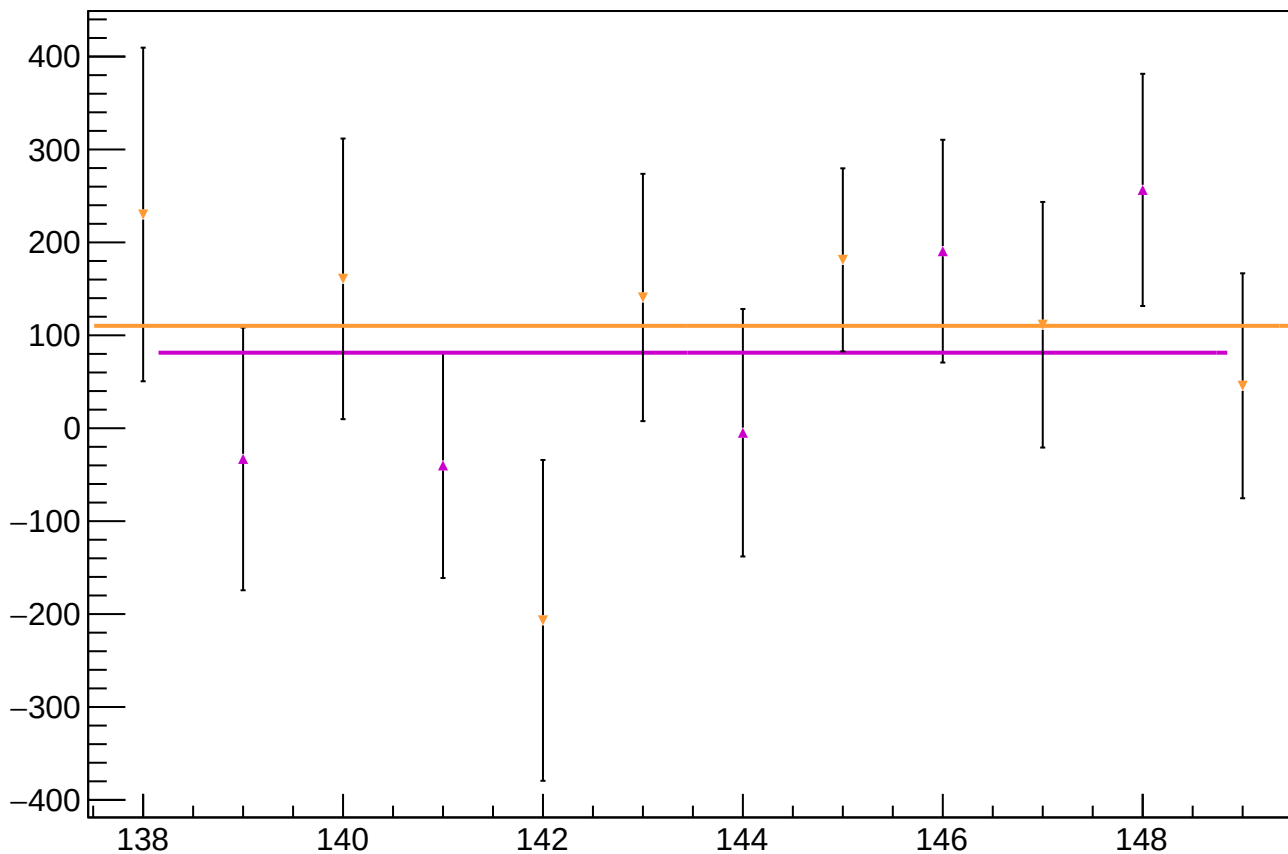
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Out: 646.683+/-0.207 χ^2/NDF :192825.5/6

All: 654.536+/-0.155 χ^2/NDF : 324459.3/11

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 110.210+/-50.416 χ^2/NDF : 4.8/6

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

Left In: 81.281+/-56.966 χ^2/NDF : 4.9/4

Left: 97.503+/-37.754 χ^2/NDF : 9.8/11

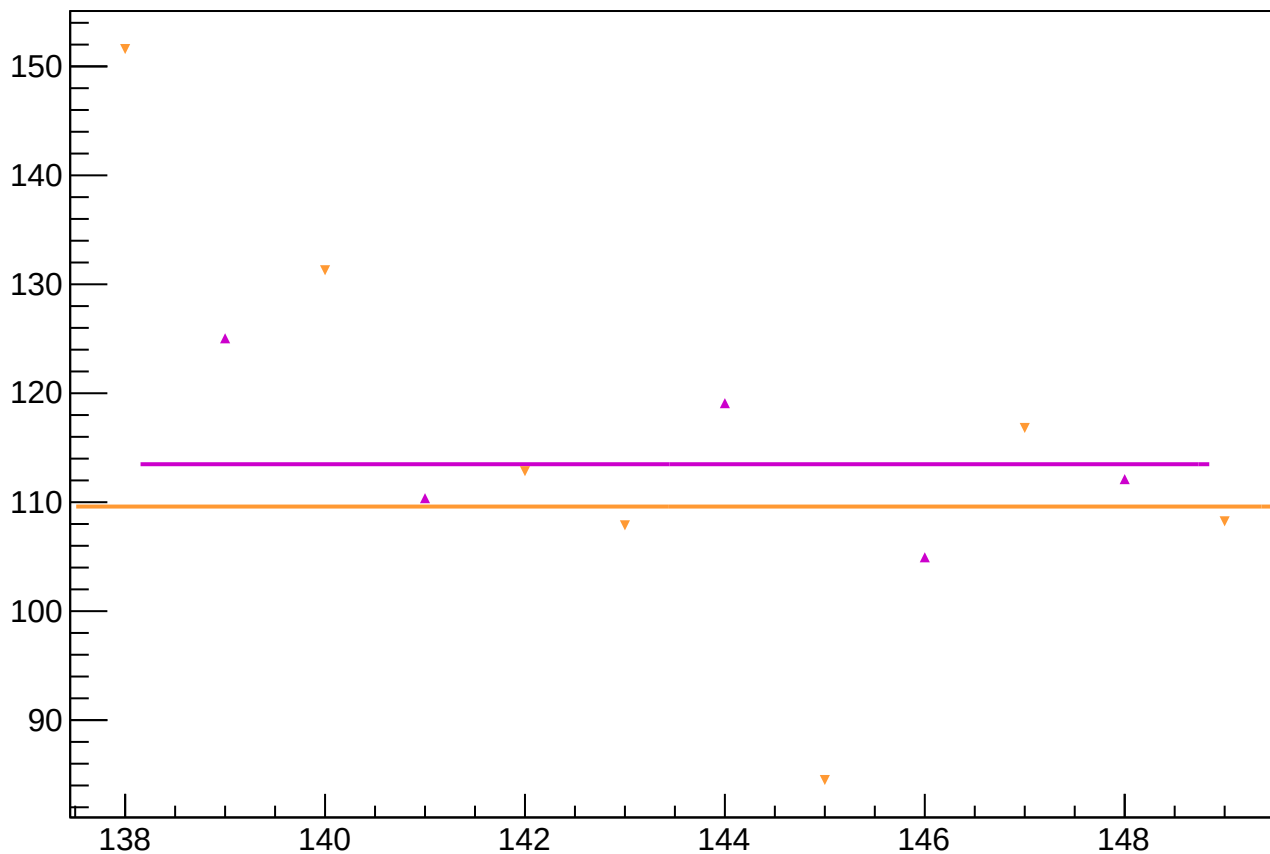
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.281+/-56.966 χ^2/NDF : 4.9/4

Out: 110.210+/-50.416 χ^2/NDF : 4.8/6

All: 97.503+/-37.754 χ^2/NDF : 9.8/11

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 109.601+/-0.036 χ^2/NDF : 287747.9/6

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

Left In: 113.486+/-0.040 χ^2/NDF : 28631.2/4

Left: 111.308+/-0.027 χ^2/NDF : 321596.9/11

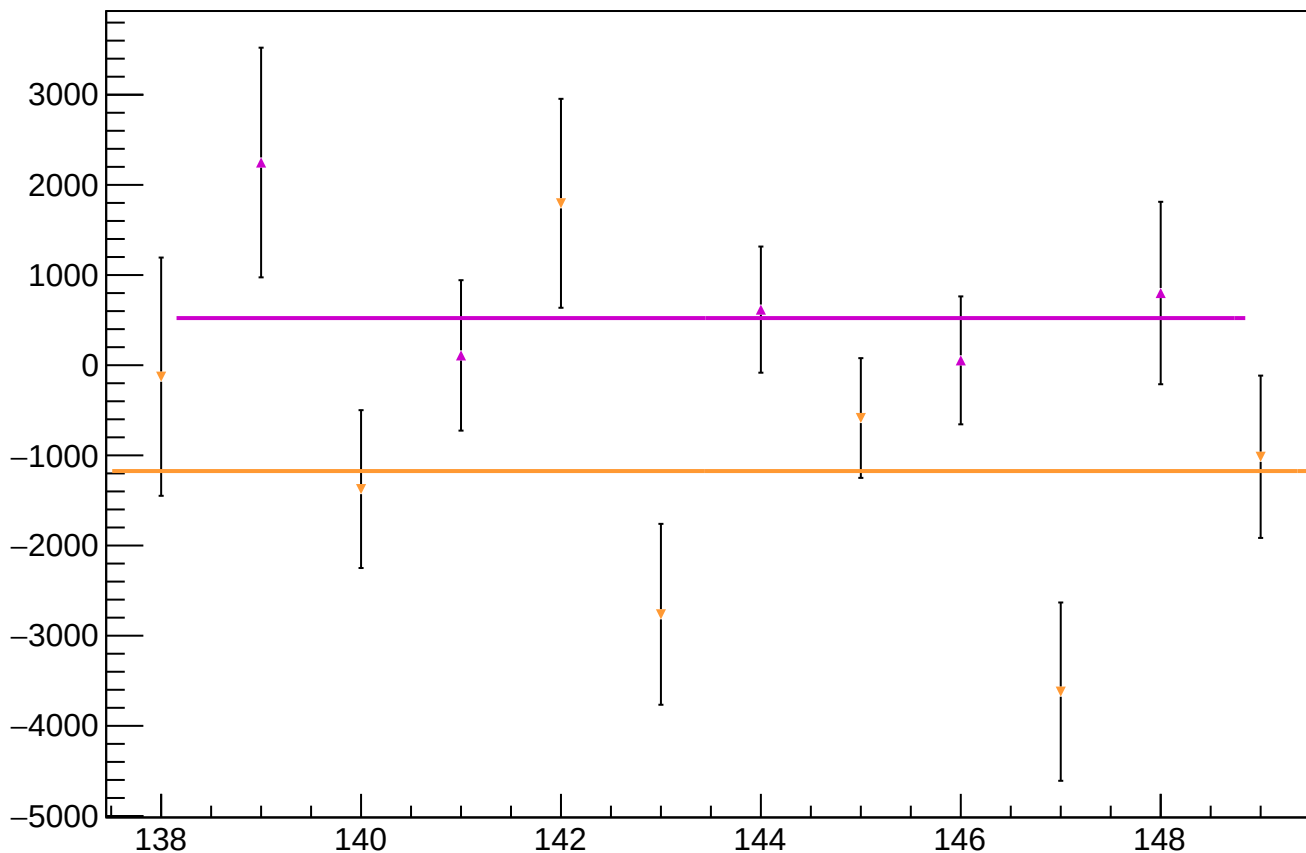
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.486+/-0.040 χ^2/NDF : 28631.2/4

Out: 109.601+/-0.036 χ^2/NDF : 287747.9/6

All: 111.308+/-0.027 χ^2/NDF : 321596.9/11

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1174.050+/-350.485 χ^2/NDF :16.7/6

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

Left In: 522.705+/-376.361 χ^2/NDF :2.6/4

Left: -386.001+/-256.490 χ^2/NDF : 30.2/11

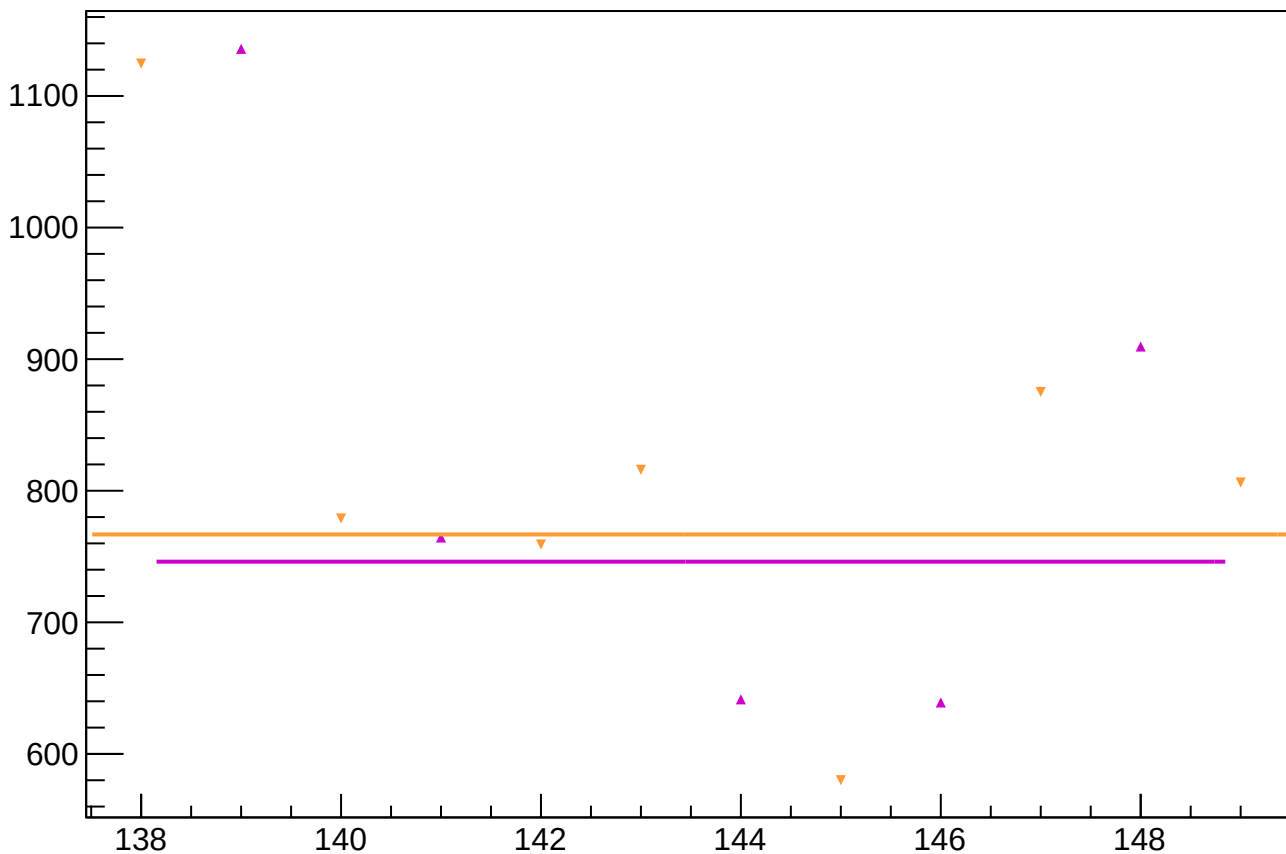
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 522.705+/-376.361 χ^2/NDF :2.6/4

Out: -1174.050+/-350.485 χ^2/NDF :16.7/6

All: -386.001+/-256.490 χ^2/NDF : 30.2/11

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 766.782+/-0.248 χ^2/NDF :337986.4/6

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

Left In: 746.099+/-0.266 χ^2/NDF :330616.0/4

Left: 757.176+/-0.181 χ^2/NDF : 671837.1/11

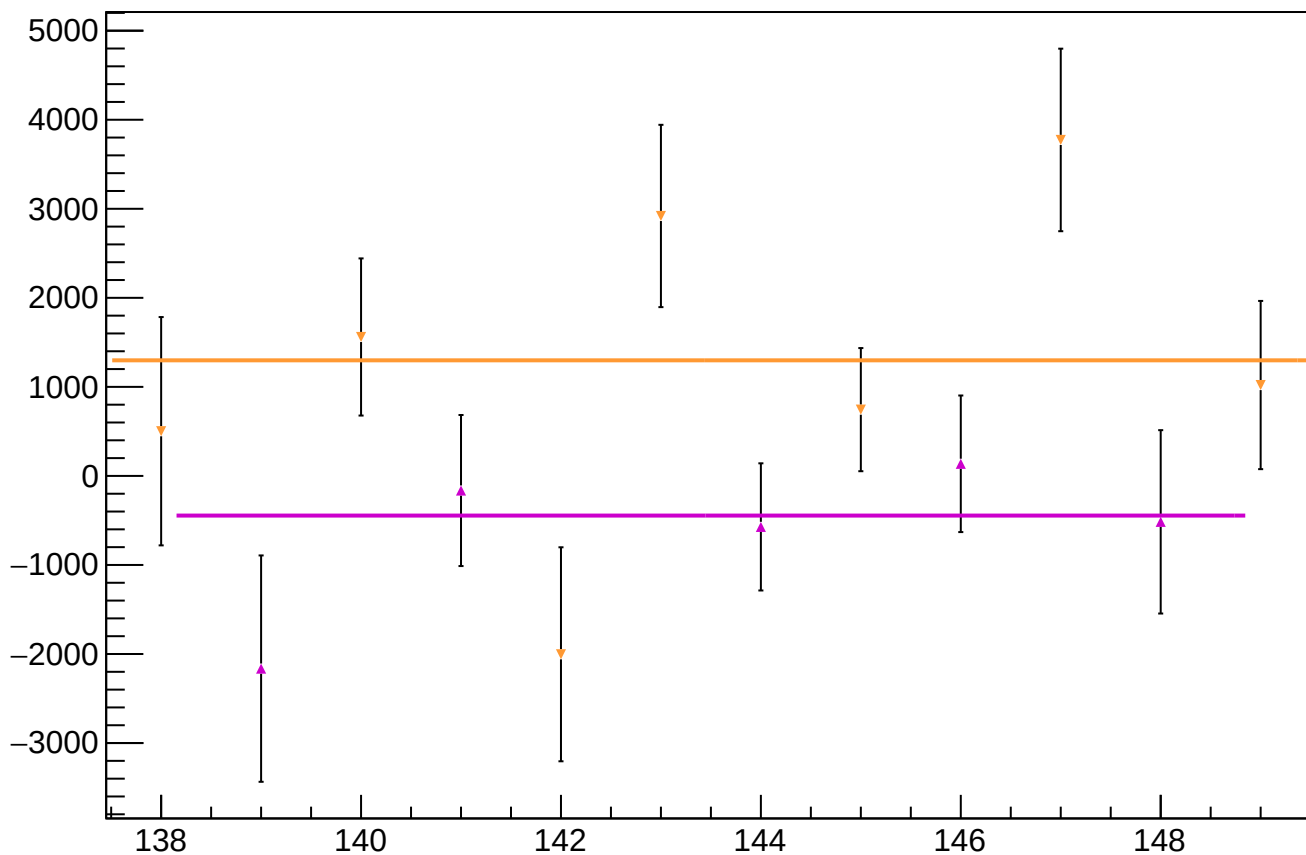
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 746.099+/-0.266 χ^2/NDF :330616.0/4

Out: 766.782+/-0.248 χ^2/NDF :337986.4/6

All: 757.176+/-0.181 χ^2/NDF : 671837.1/11

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1298.160+/-360.295 χ^2/NDF :17.1/6

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

Left In: -445.333+/-388.846 χ^2/NDF :2.5/4

Left: 492.765+/-264.285 χ^2/NDF : 30.5/11

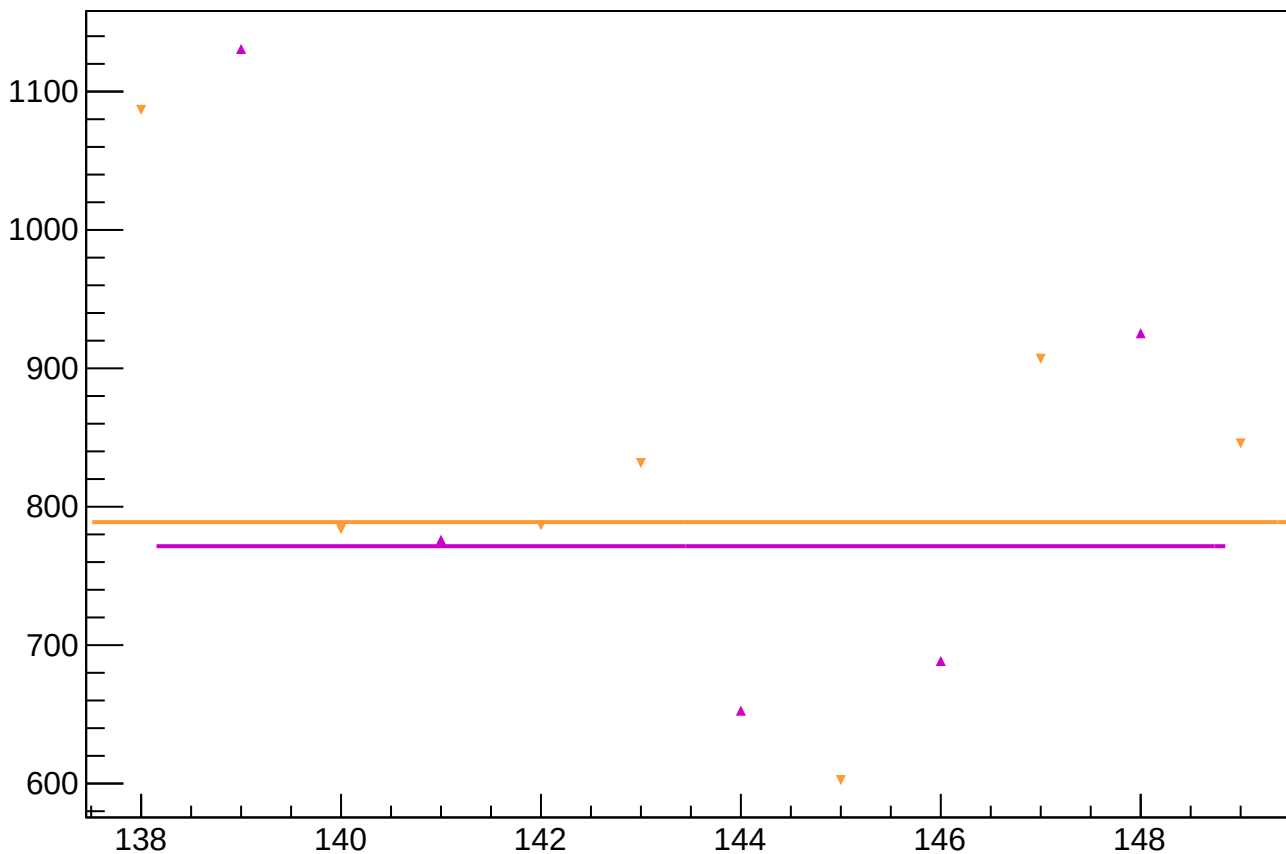
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.333+/-388.846 χ^2/NDF :2.5/4

Out: 1298.160+/-360.295 χ^2/NDF :17.1/6

All: 492.765+/-264.285 χ^2/NDF : 30.5/11

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 788.885+/-0.255 χ^2/NDF :290628.6/6

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

Left In: 771.493+/-0.275 χ^2/NDF :283334.2/4

Left: 780.851+/-0.187 χ^2/NDF : 576115.7/11

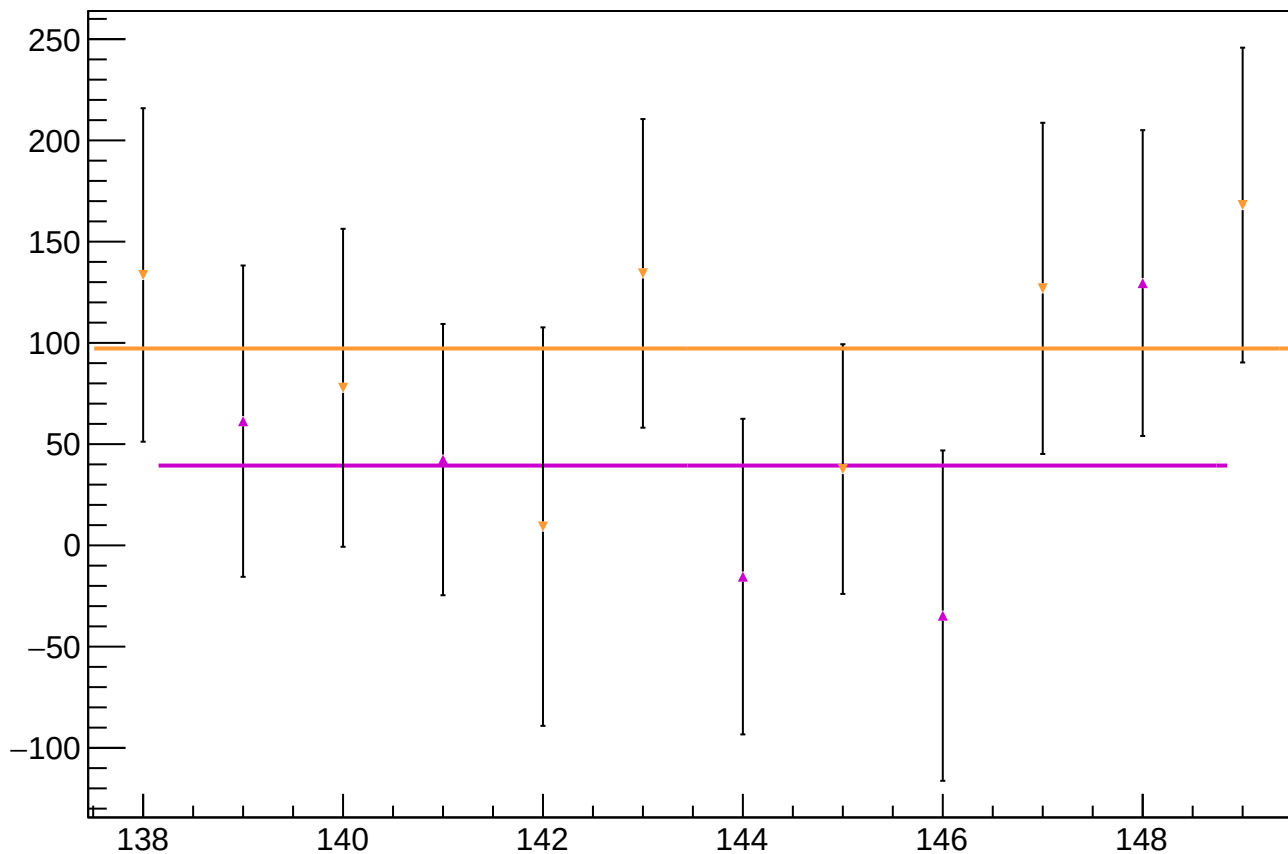
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 771.493+/-0.275 χ^2/NDF :283334.2/4

Out: 788.885+/-0.255 χ^2/NDF :290628.6/6

All: 780.851+/-0.187 χ^2/NDF : 576115.7/11

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 97.239+/-29.321 χ^2/NDF : 3.2/6

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

Left In: 39.426+/-33.664 χ^2/NDF : 2.8/4

Left: 72.300+/-22.110 χ^2/NDF : 7.7/11

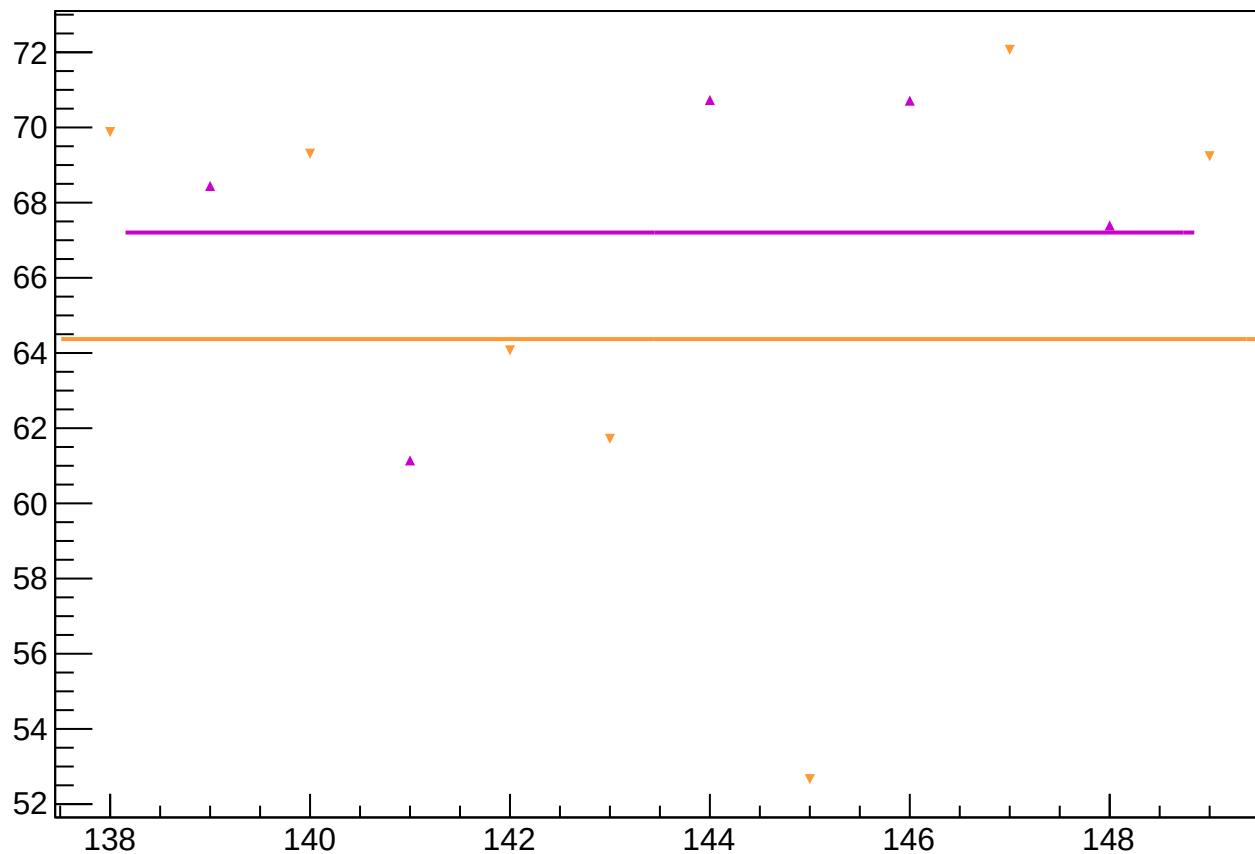
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.426+/-33.664 χ^2/NDF : 2.8/4

Out: 97.239+/-29.321 χ^2/NDF : 3.2/6

All: 72.300+/-22.110 χ^2/NDF : 7.7/11

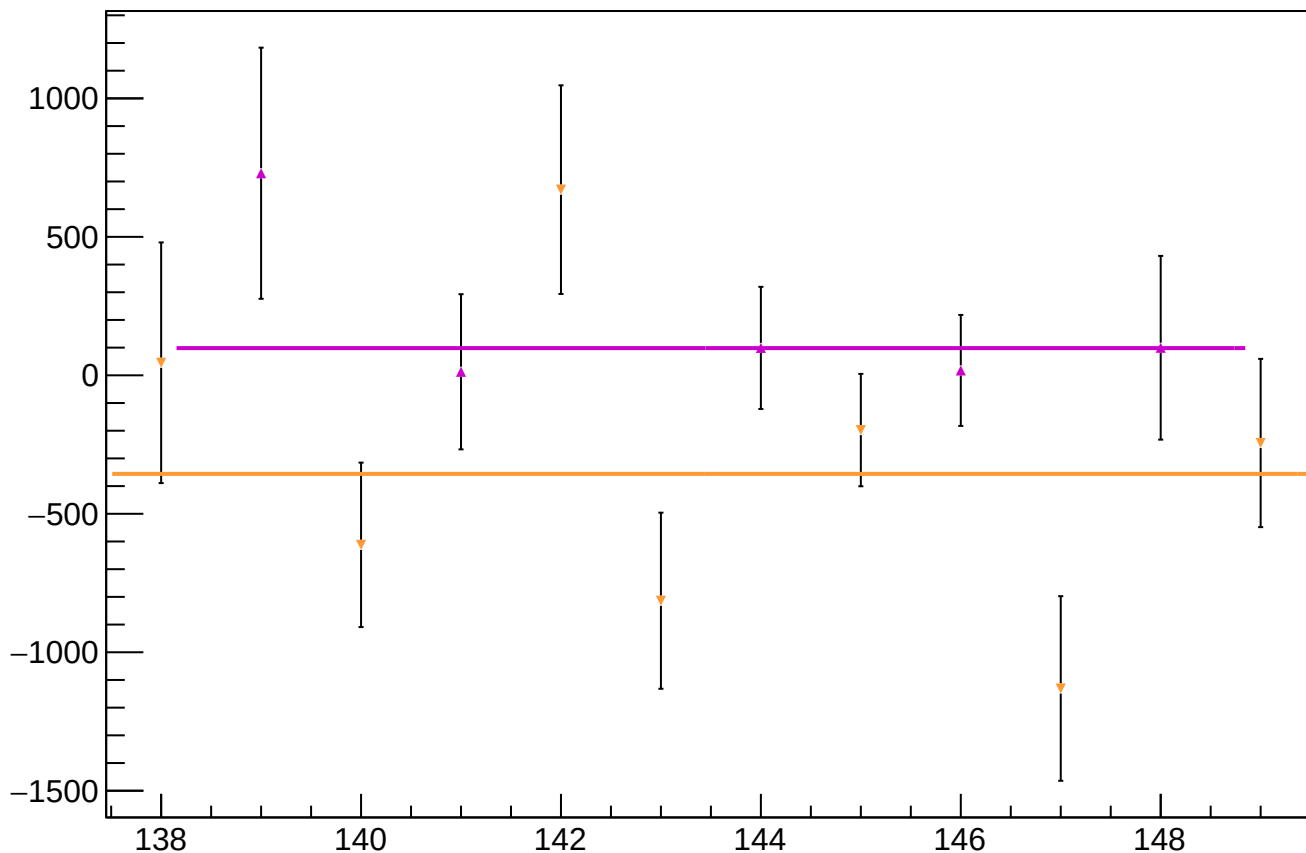
dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 64.371+/-0.021 χ^2/NDF :116906.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 67.205+/-0.024 χ^2/NDF :24706.6/4

Left: 65.593+/-0.016 χ^2/NDF : 149672.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 67.205+/-0.024 χ^2/NDF :24706.6/4
 Out: 64.371+/-0.021 χ^2/NDF :116906.8/6
 All: 65.593+/-0.016 χ^2/NDF : 149672.0/11

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: -355.930 $\pm$ 113.447 χ^2 /NDF:17.2/6

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

Left In: 98.309 $\pm$ 117.716 χ^2 /NDF:2.2/4

Left: -137.196 $\pm$ 81.687 χ^2 /NDF: 27.2/11

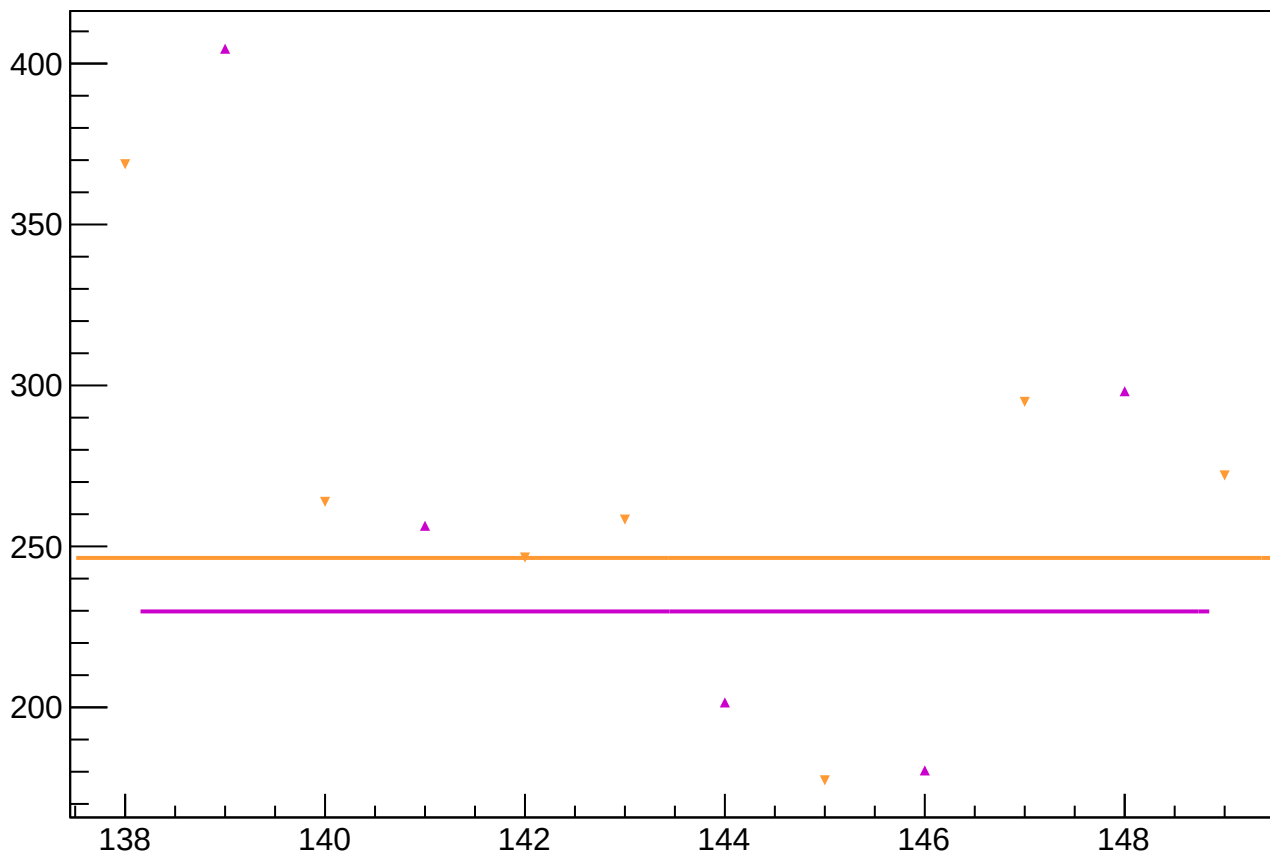
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 98.309 $\pm$ 117.716 χ^2 /NDF:2.2/4

Out: -355.930 $\pm$ 113.447 χ^2 /NDF:17.2/6

All: -137.196 $\pm$ 81.687 χ^2 /NDF: 27.2/11

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 246.420+/-0.080 χ^2/NDF :456549.6/6

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

Left In: 229.798+/-0.083 χ^2/NDF :554782.6/4

Left: 238.416+/-0.058 χ^2/NDF : 1032008.2/11

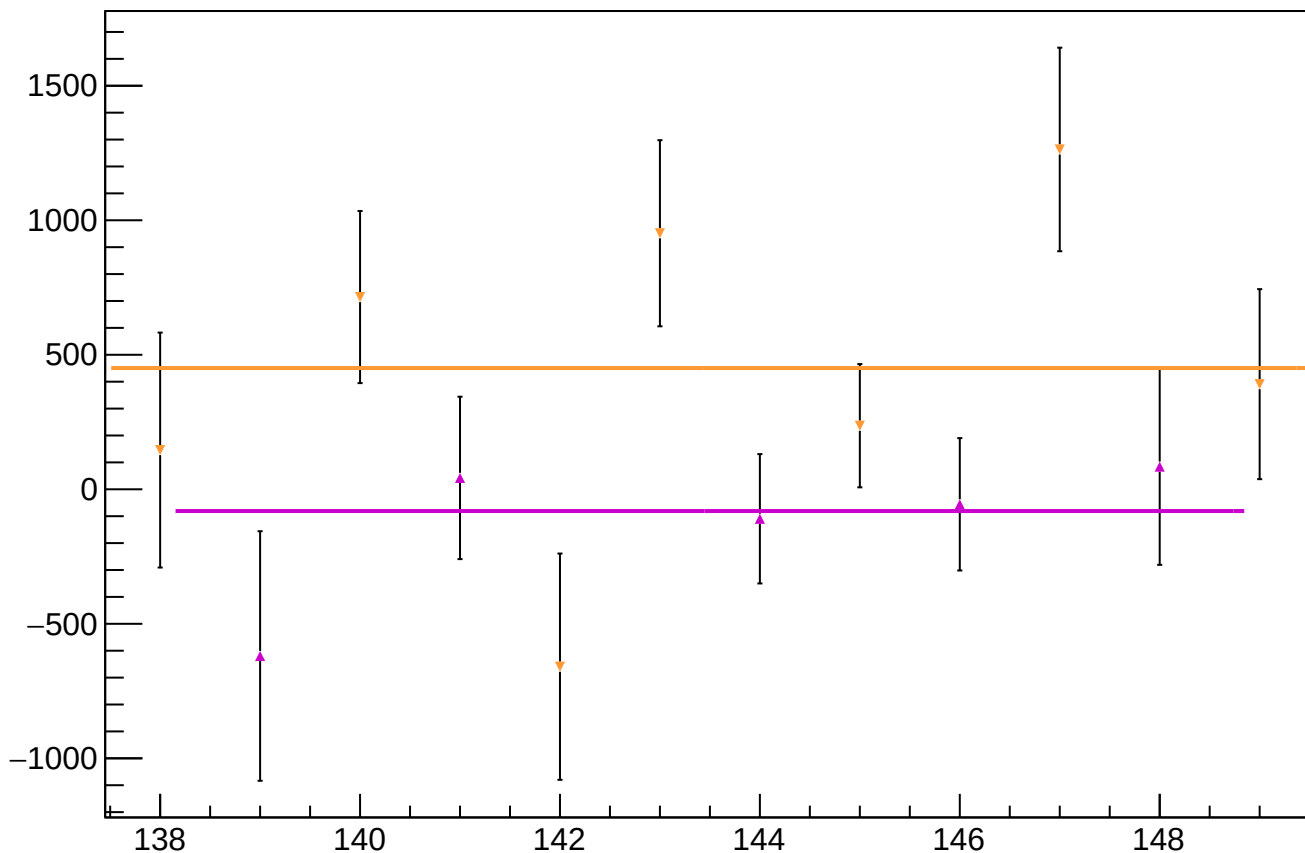
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.798+/-0.083 χ^2/NDF :554782.6/4

Out: 246.420+/-0.080 χ^2/NDF :456549.6/6

All: 238.416+/-0.058 χ^2/NDF : 1032008.2/11

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 450.766+/-125.901 χ^2/NDF :15.7/6

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

Left In: -80.785+/-132.518 χ^2/NDF :1.7/4

Left: 198.593+/-91.275 χ^2/NDF : 26.0/11

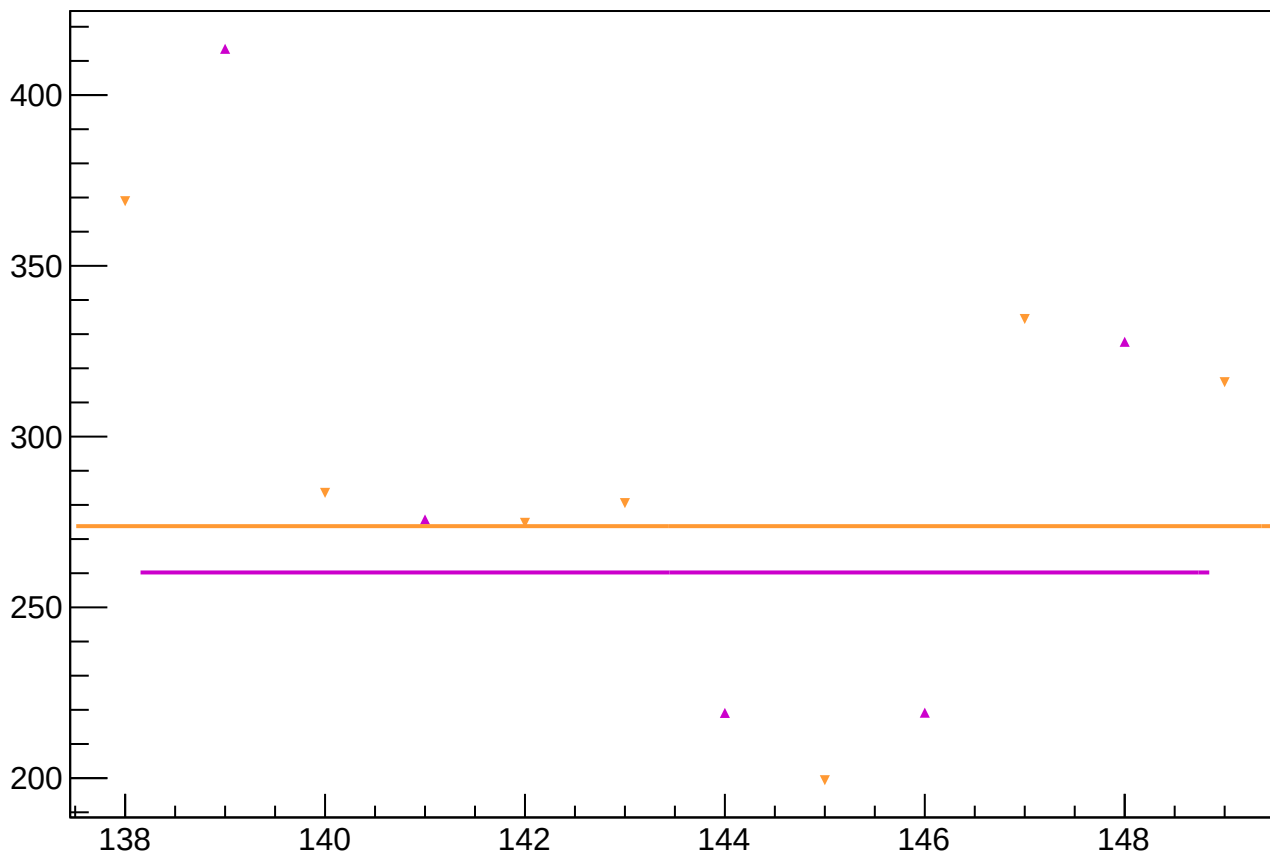
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.785+/-132.518 χ^2/NDF :1.7/4

Out: 450.766+/-125.901 χ^2/NDF :15.7/6

All: 198.593+/-91.275 χ^2/NDF : 26.0/11

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 273.780+/-0.089 χ^2/NDF : 388361.5/6

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

Left In: 260.221+/-0.094 χ^2/NDF : 406416.0/4

Left: 267.348+/-0.065 χ^2/NDF : 805783.2/11

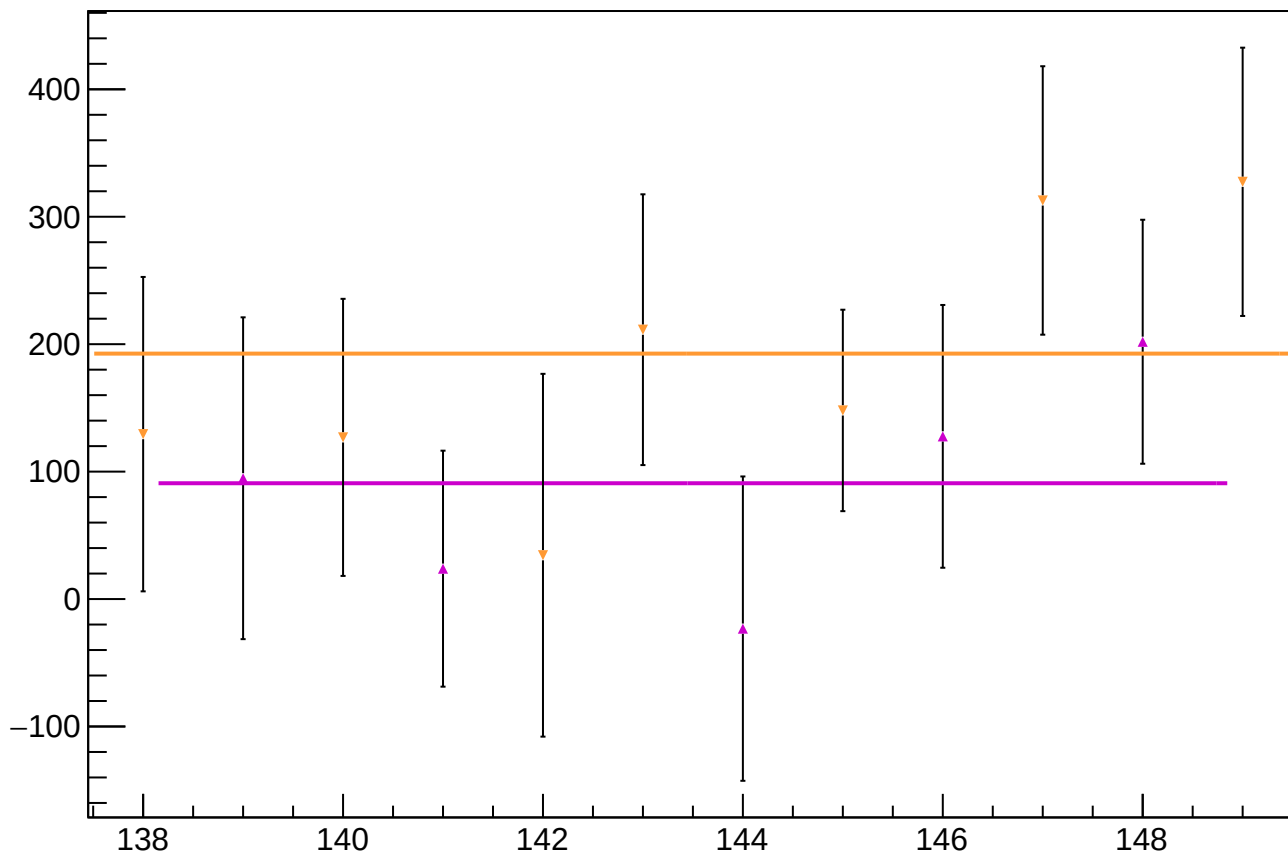
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.221+/-0.094 χ^2/NDF : 406416.0/4

Out: 273.780+/-0.089 χ^2/NDF : 388361.5/6

All: 267.348+/-0.065 χ^2/NDF : 805783.2/11

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 192.601+/-39.881 χ^2/NDF :5.2/6

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

Left In: 90.881+/-47.000 χ^2/NDF :2.9/4

Left: 150.020+/-30.409 χ^2/NDF : 10.8/11

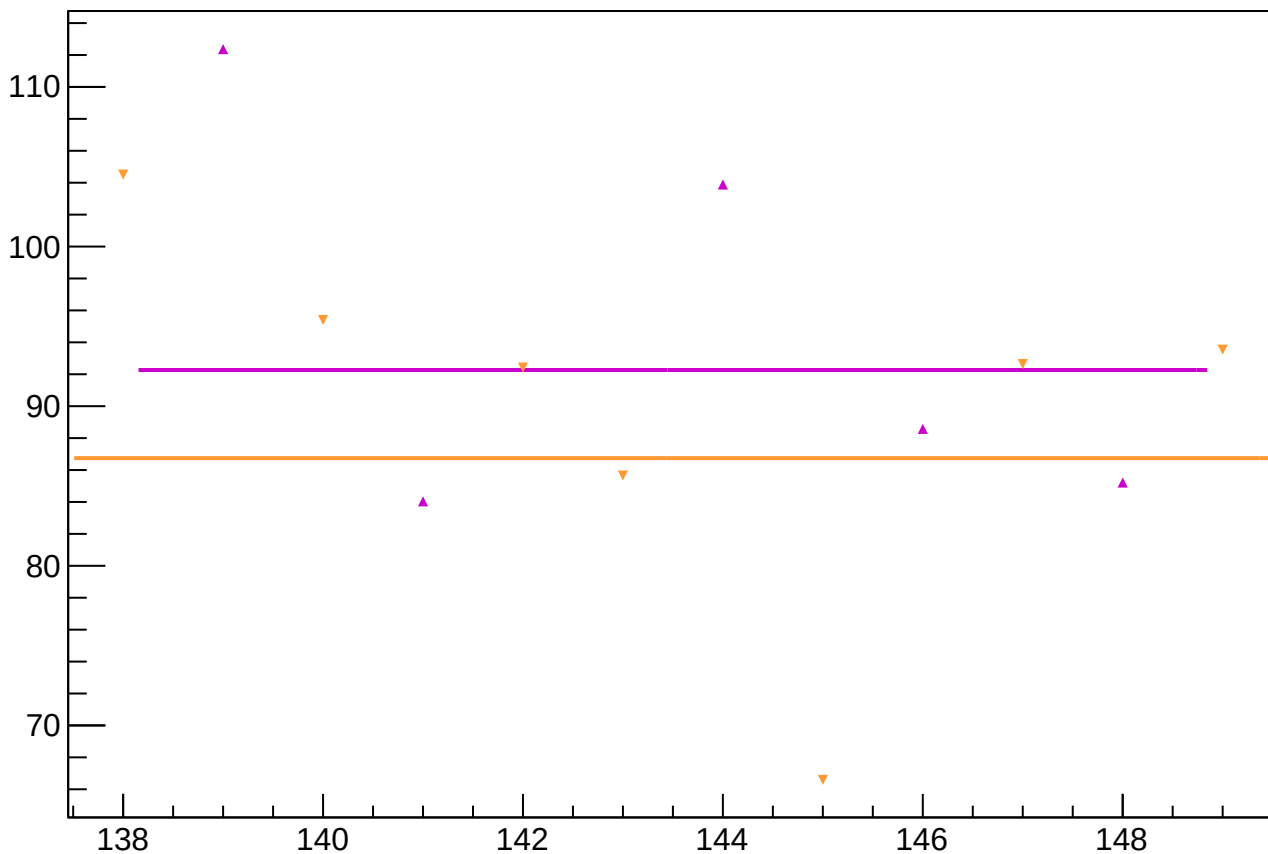
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.881+/-47.000 χ^2/NDF :2.9/4

Out: 192.601+/-39.881 χ^2/NDF :5.2/6

All: 150.020+/-30.409 χ^2/NDF : 10.8/11

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 86.746+/-0.028 χ^2/NDF :202215.4/6

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

Left In: 92.267+/-0.033 χ^2/NDF :98848.2/4

Left: 89.057+/-0.022 χ^2/NDF : 317112.1/11

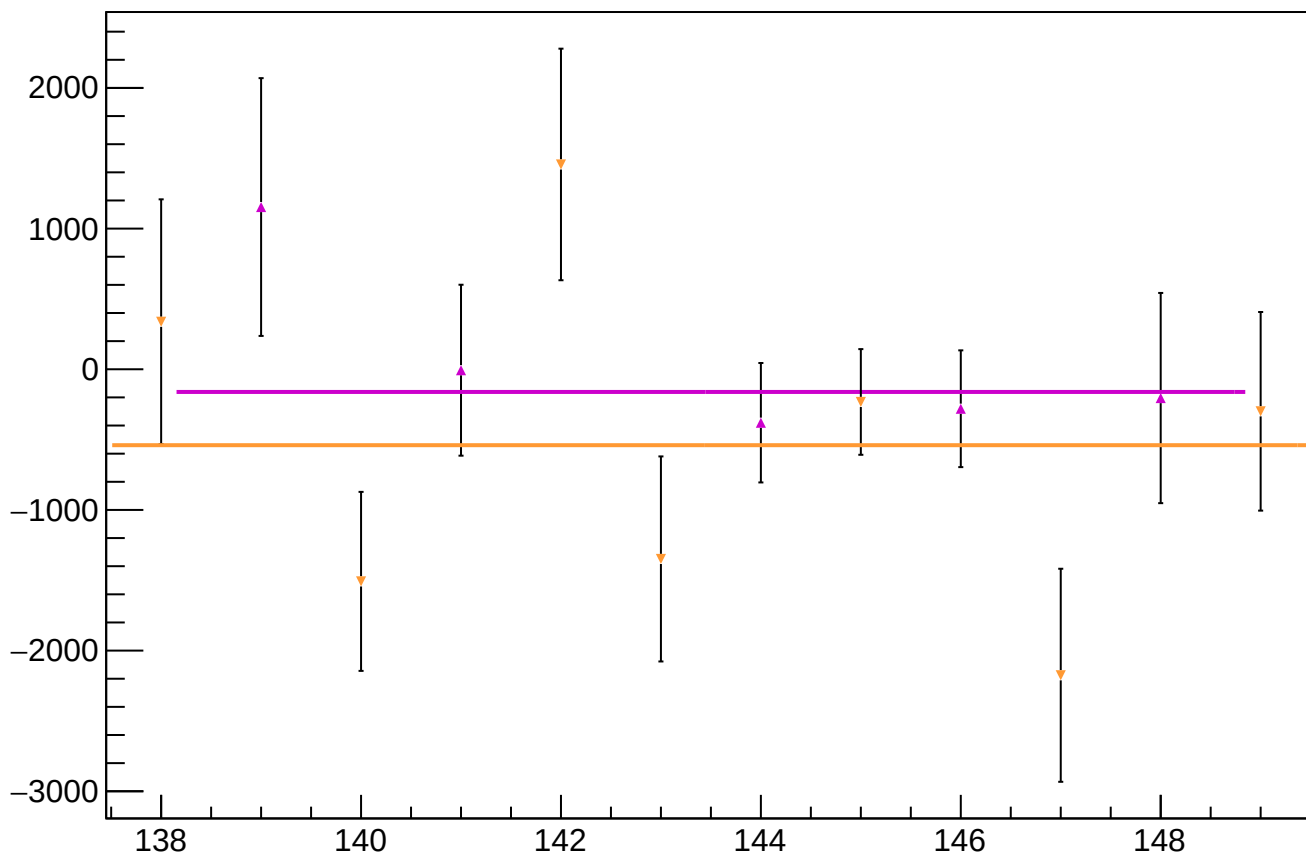
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.267+/-0.033 χ^2/NDF :98848.2/4

Out: 86.746+/-0.028 χ^2/NDF :202215.4/6

All: 89.057+/-0.022 χ^2/NDF : 317112.1/11

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -539.771+/-235.801 χ^2/NDF :15.9/6

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

Left In: -161.230+/-242.226 χ^2/NDF :2.5/4

Left: -355.588+/-168.962 χ^2/NDF : 19.6/11

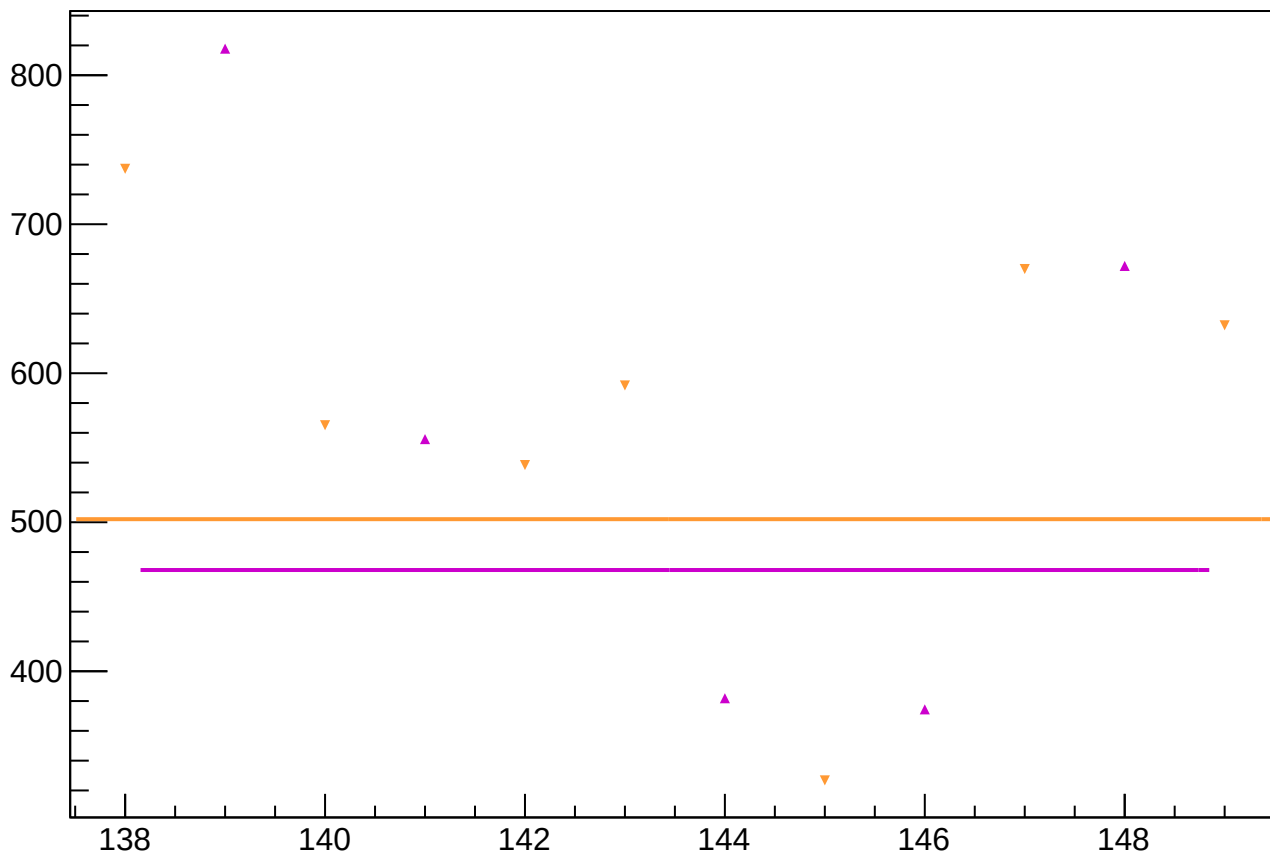
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -161.230+/-242.226 χ^2/NDF :2.5/4

Out: -539.771+/-235.801 χ^2/NDF :15.9/6

All: -355.588+/-168.962 χ^2/NDF : 19.6/11

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 502.056+/-0.167 χ^2/NDF :801621.8/6

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

Left In: 467.943+/-0.171 χ^2/NDF :666284.3/4

Left: 485.458+/-0.119 χ^2/NDF : 1488273.0/11

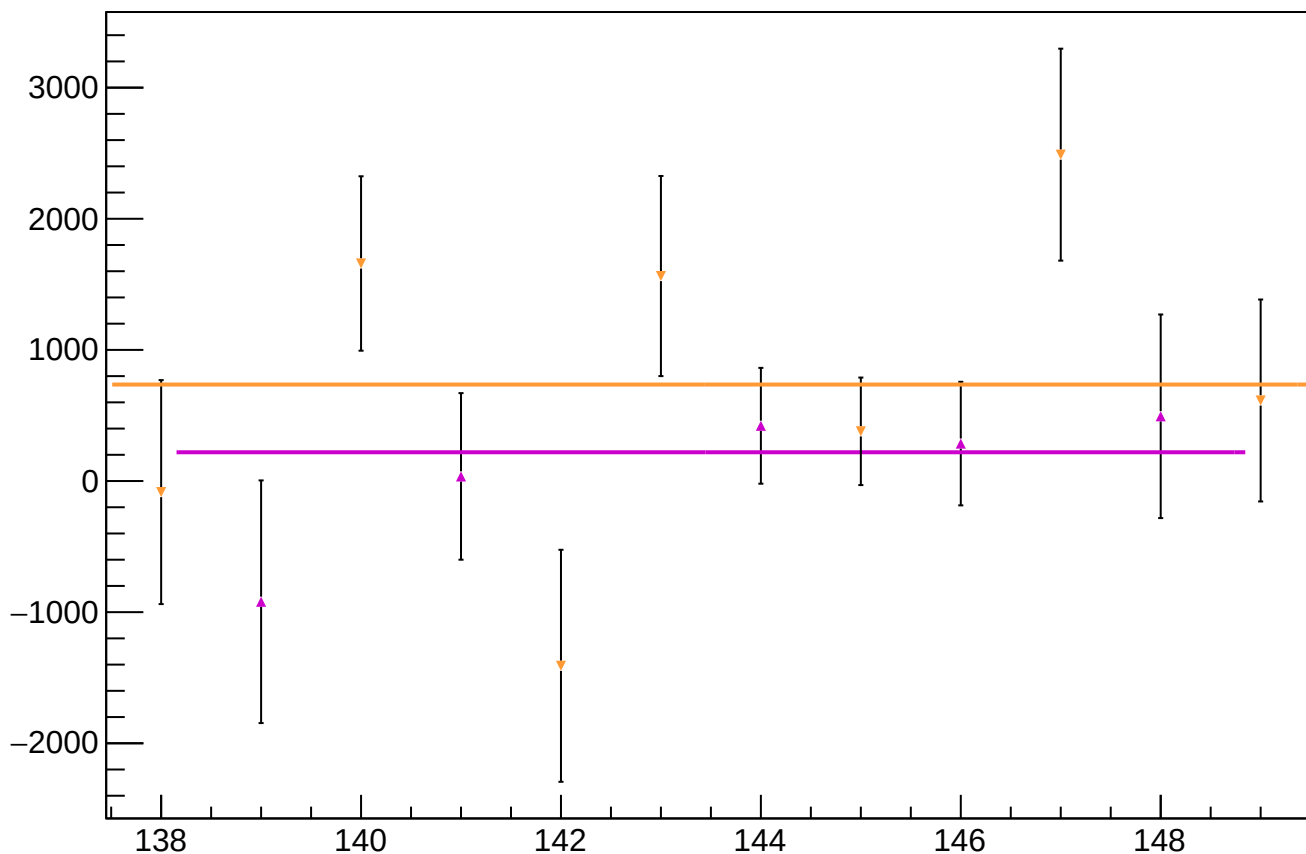
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 467.943+/-0.171 χ^2/NDF :666284.3/4

Out: 502.056+/-0.167 χ^2/NDF :801621.8/6

All: 485.458+/-0.119 χ^2/NDF : 1488273.0/11

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 735.828+/-251.640 χ^2/NDF :15.4/6

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

Left In: 219.387+/-258.743 χ^2/NDF :2.0/4

Left: 484.794+/-180.395 χ^2/NDF : 19.4/11

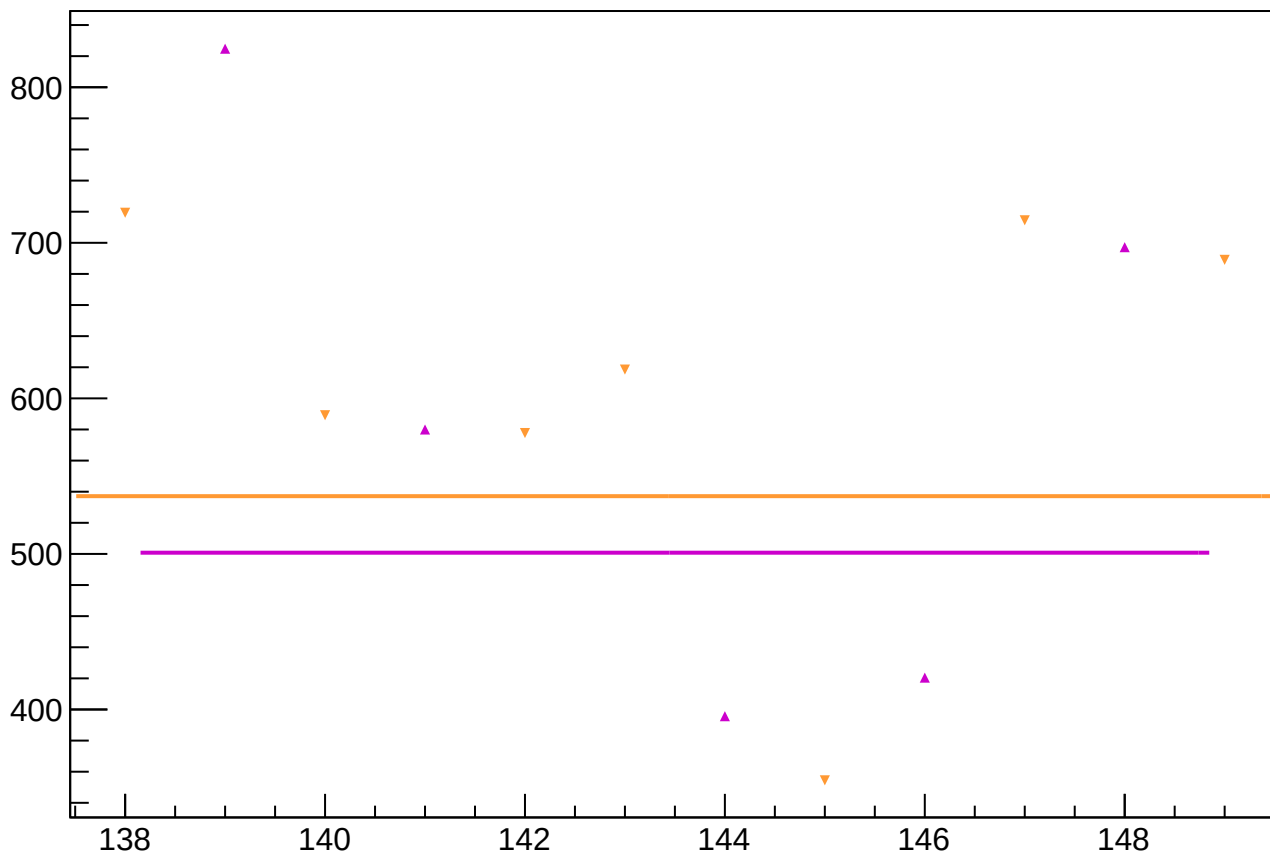
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.387+/-258.743 χ^2/NDF :2.0/4

Out: 735.828+/-251.640 χ^2/NDF :15.4/6

All: 484.794+/-180.395 χ^2/NDF : 19.4/11

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 537.129+/-0.178 χ^2/NDF : 701343.1/6

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

Left In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Left: 519.465+/-0.128 χ^2/NDF : 1297317.1/11

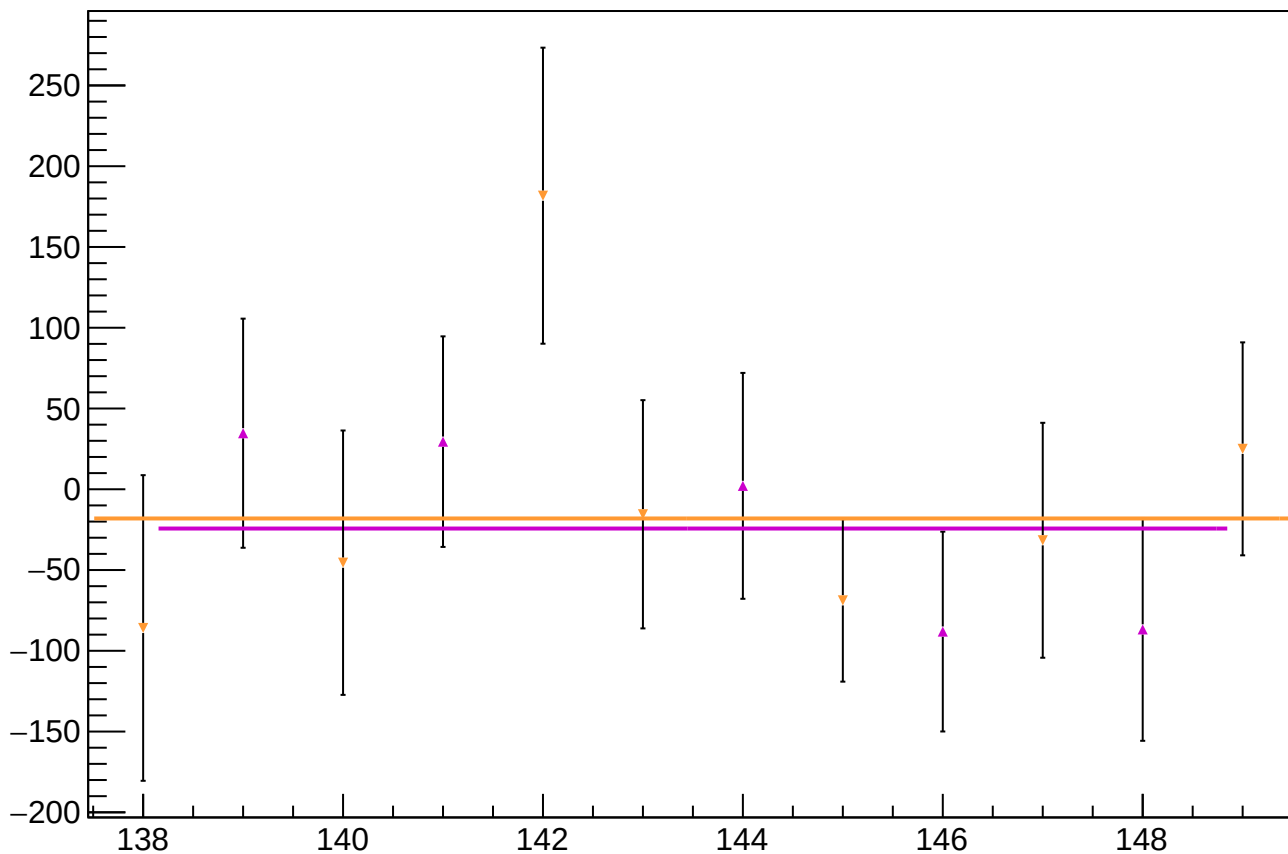
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Out: 537.129+/-0.178 χ^2/NDF : 701343.1/6

All: 519.465+/-0.128 χ^2/NDF : 1297317.1/11

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: -18.083+/-26.778 χ^2/NDF :6.9/6

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

Left In: -24.311+/-30.012 χ^2/NDF :3.4/4

Left: -20.844+/-19.981 χ^2/NDF : 10.3/11

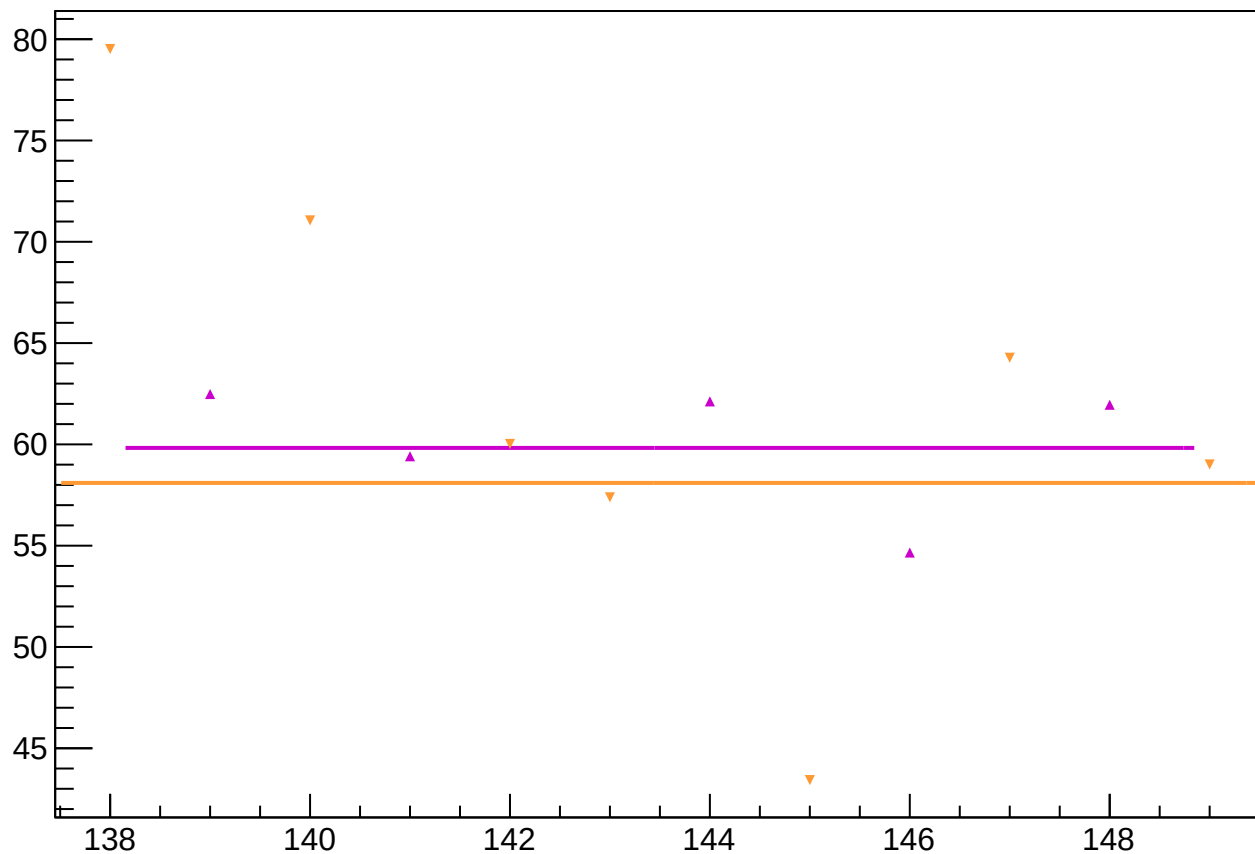
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.311+/-30.012 χ^2/NDF :3.4/4

Out: -18.083+/-26.778 χ^2/NDF :6.9/6

All: -20.844+/-19.981 χ^2/NDF : 10.3/11

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: 58.098+/-0.019 χ^2/NDF :338471.0/6

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

Left In: 59.826+/-0.021 χ^2/NDF :20901.7/4

Left: 58.864+/-0.014 χ^2/NDF : 363064.2/11

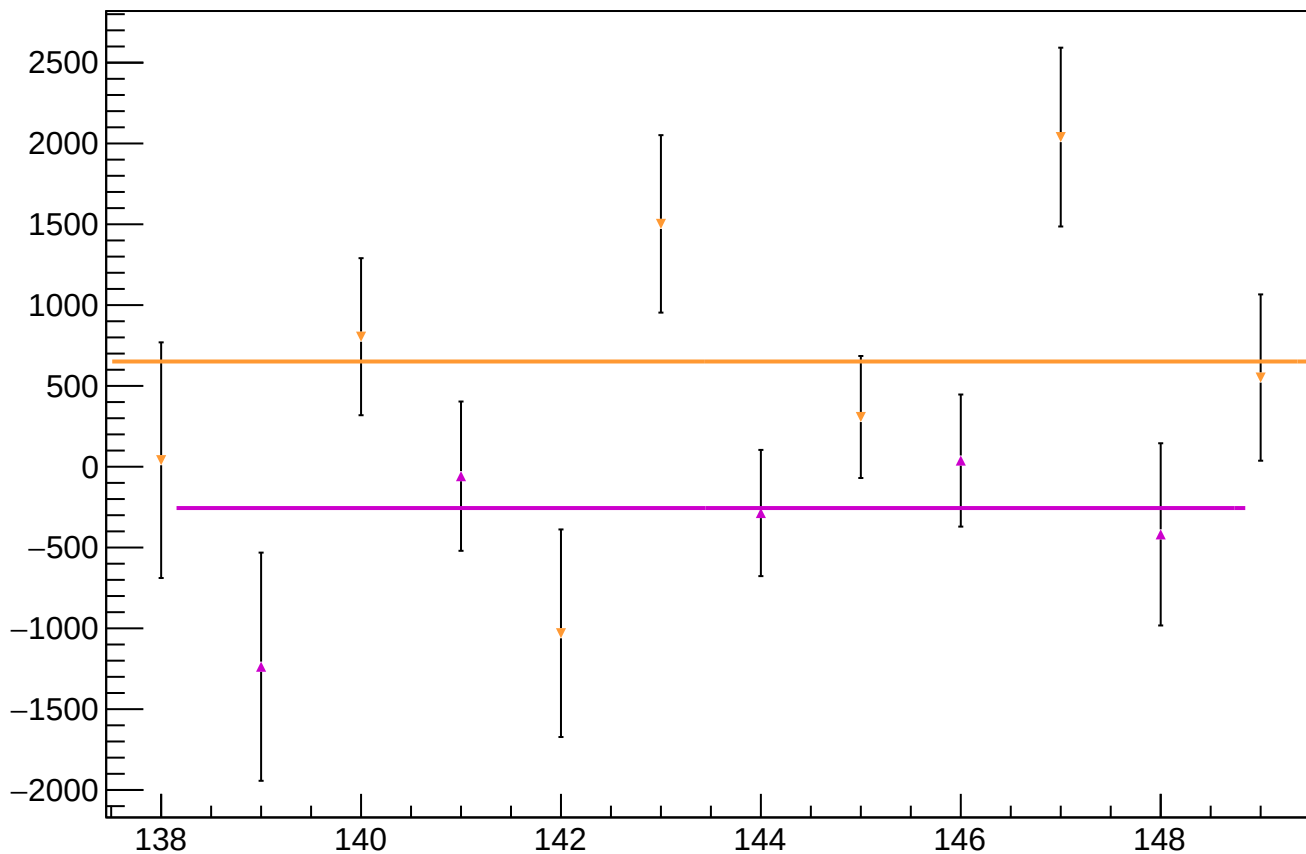
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.826+/-0.021 χ^2/NDF :20901.7/4

Out: 58.098+/-0.019 χ^2/NDF :338471.0/6

All: 58.864+/-0.014 χ^2/NDF : 363064.2/11

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: 651.047+/-196.396 χ^2/NDF :17.2/6

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

Left In: -255.696+/-211.334 χ^2/NDF :2.7/4

Left: 230.851+/-143.864 χ^2/NDF : 29.8/11

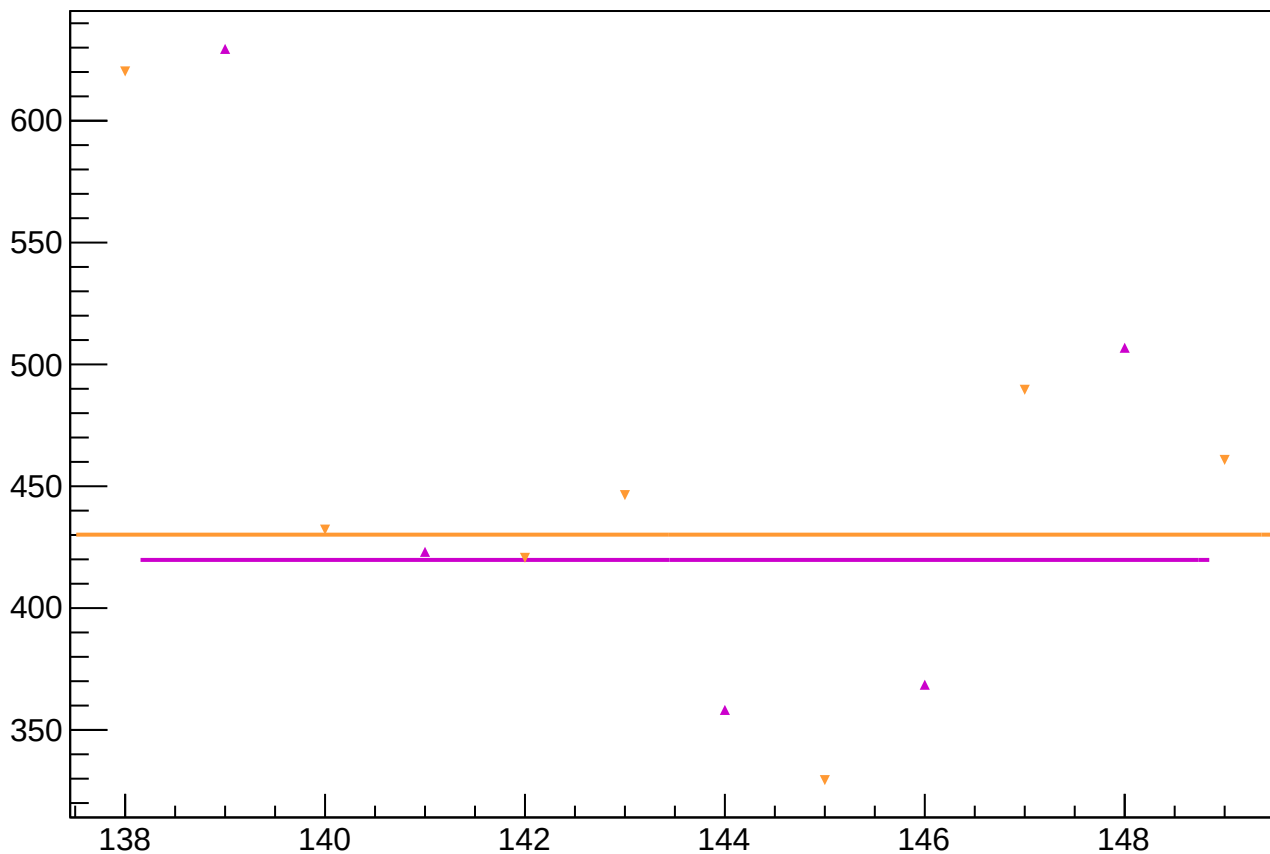
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.696+/-211.334 χ^2/NDF :2.7/4

Out: 651.047+/-196.396 χ^2/NDF :17.2/6

All: 230.851+/-143.864 χ^2/NDF : 29.8/11

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: 430.142+/-0.139 χ^2/NDF :310900.3/6

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

Left In: 419.774+/-0.149 χ^2/NDF :305456.4/4

Left: 425.337+/-0.102 χ^2/NDF : 618939.8/11

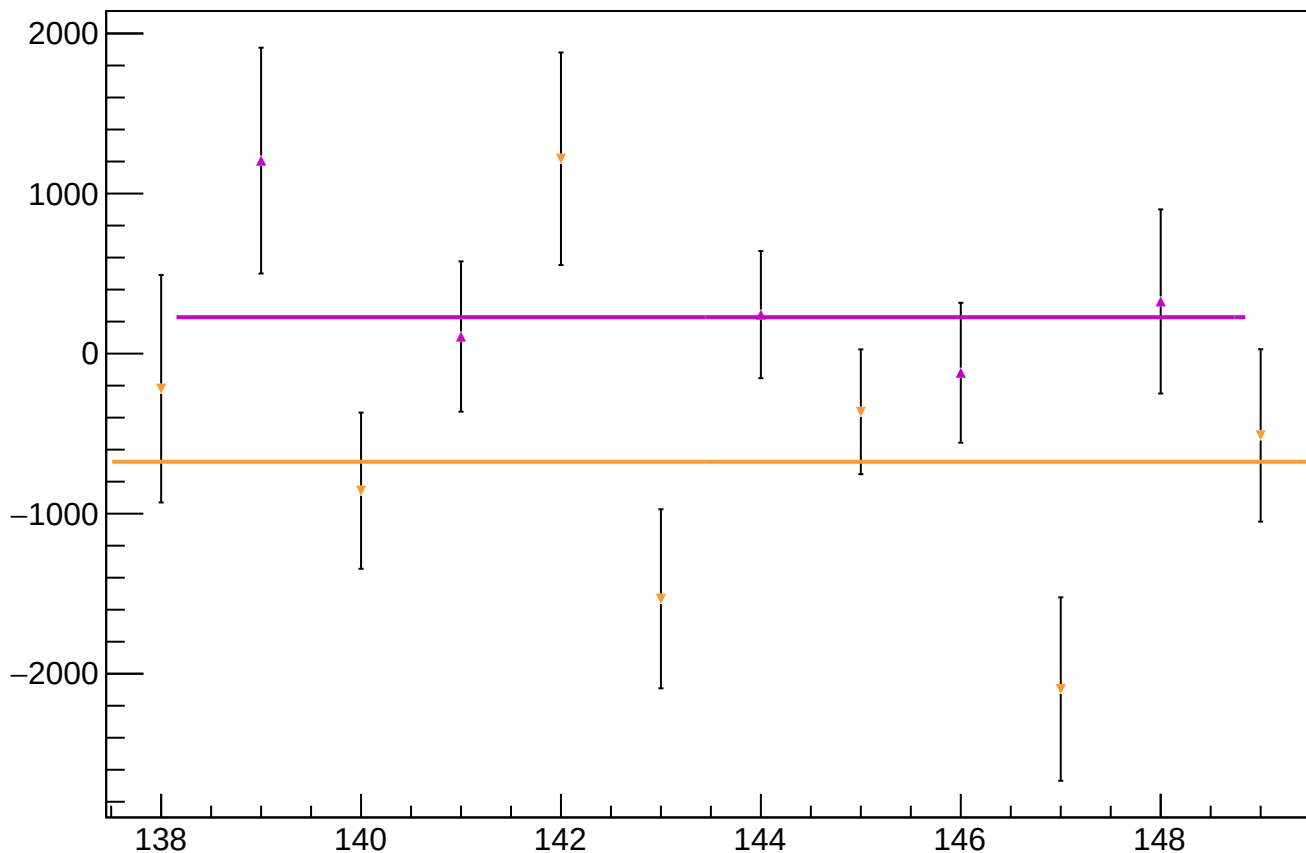
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 419.774+/-0.149 χ^2/NDF :305456.4/4

Out: 430.142+/-0.139 χ^2/NDF :310900.3/6

All: 425.337+/-0.102 χ^2/NDF : 618939.8/11

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -675.660+/-201.163 χ^2/NDF :17.9/6

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

Left In: 227.504+/-217.514 χ^2/NDF :2.6/4

Left: -259.297+/-147.686 χ^2/NDF : 29.8/11

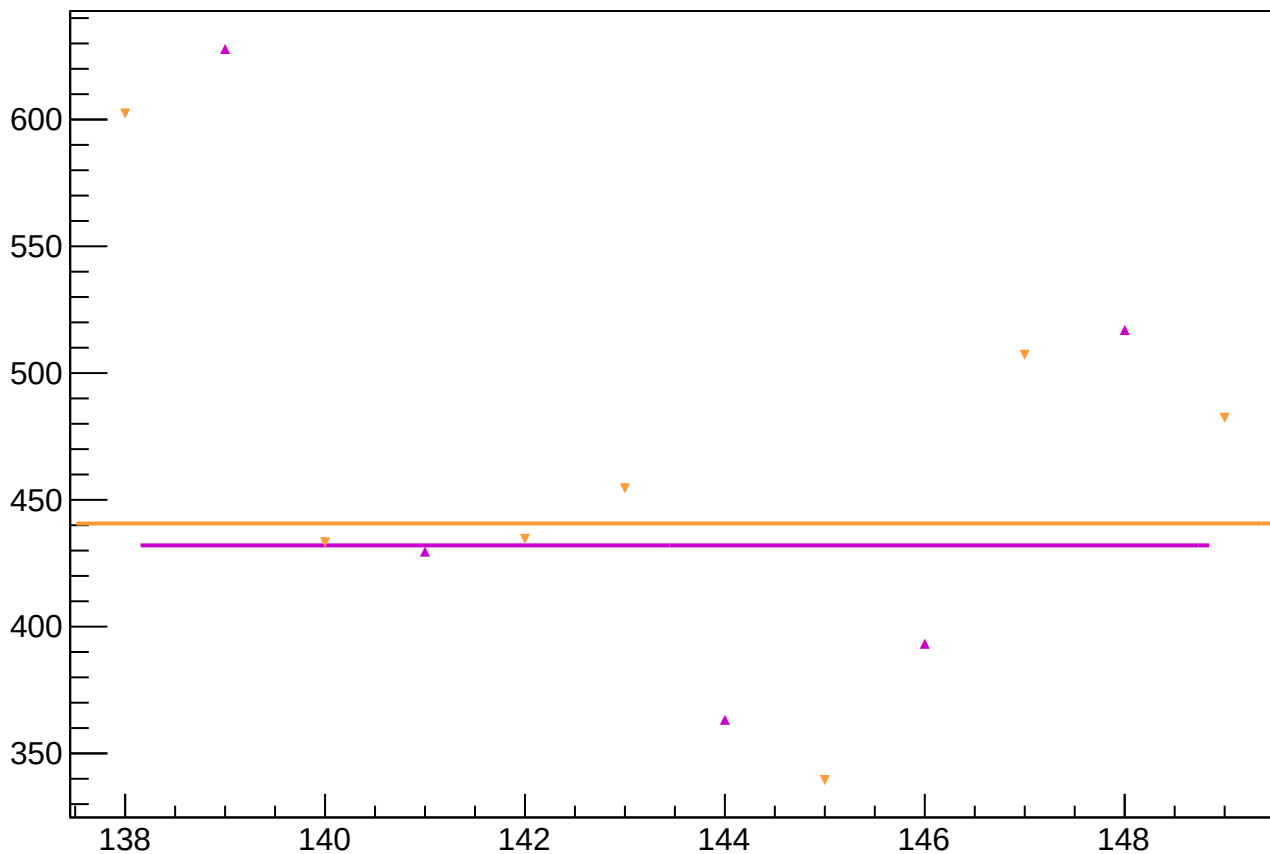
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.504+/-217.514 χ^2/NDF :2.6/4

Out: -675.660+/-201.163 χ^2/NDF :17.9/6

All: -259.297+/-147.686 χ^2/NDF : 29.8/11

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 440.671+/-0.142 χ^2/NDF : 279030.0/6

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

Left In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

Left: 436.697+/-0.104 χ^2/NDF : 554098.7/11

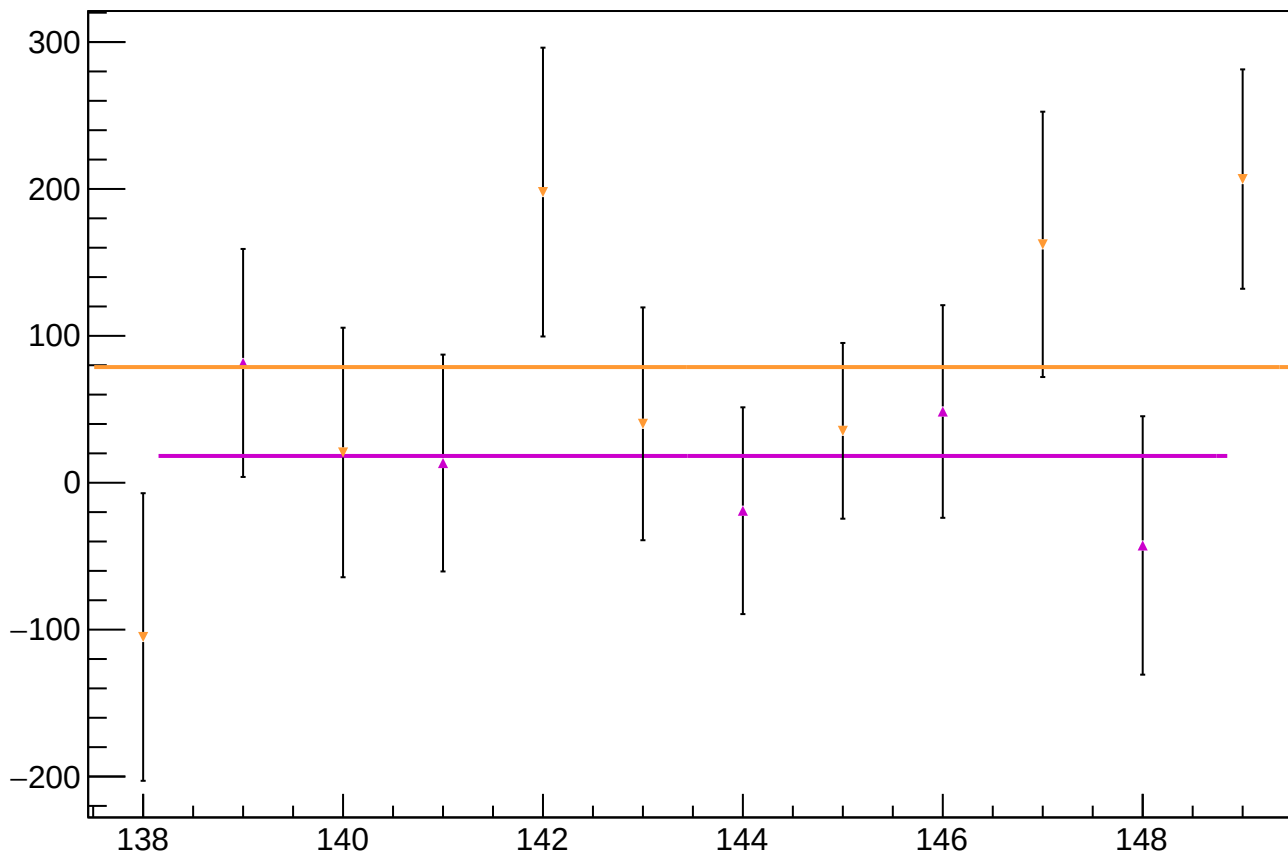
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

Out: 440.671+/-0.142 χ^2/NDF : 279030.0/6

All: 436.697+/-0.104 χ^2/NDF : 554098.7/11

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: 78.744+/-30.331 χ^2/NDF :10.0/6

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

Left In: 18.243+/-33.873 χ^2/NDF :1.6/4

Left: 51.822+/-22.596 χ^2/NDF : 13.4/11

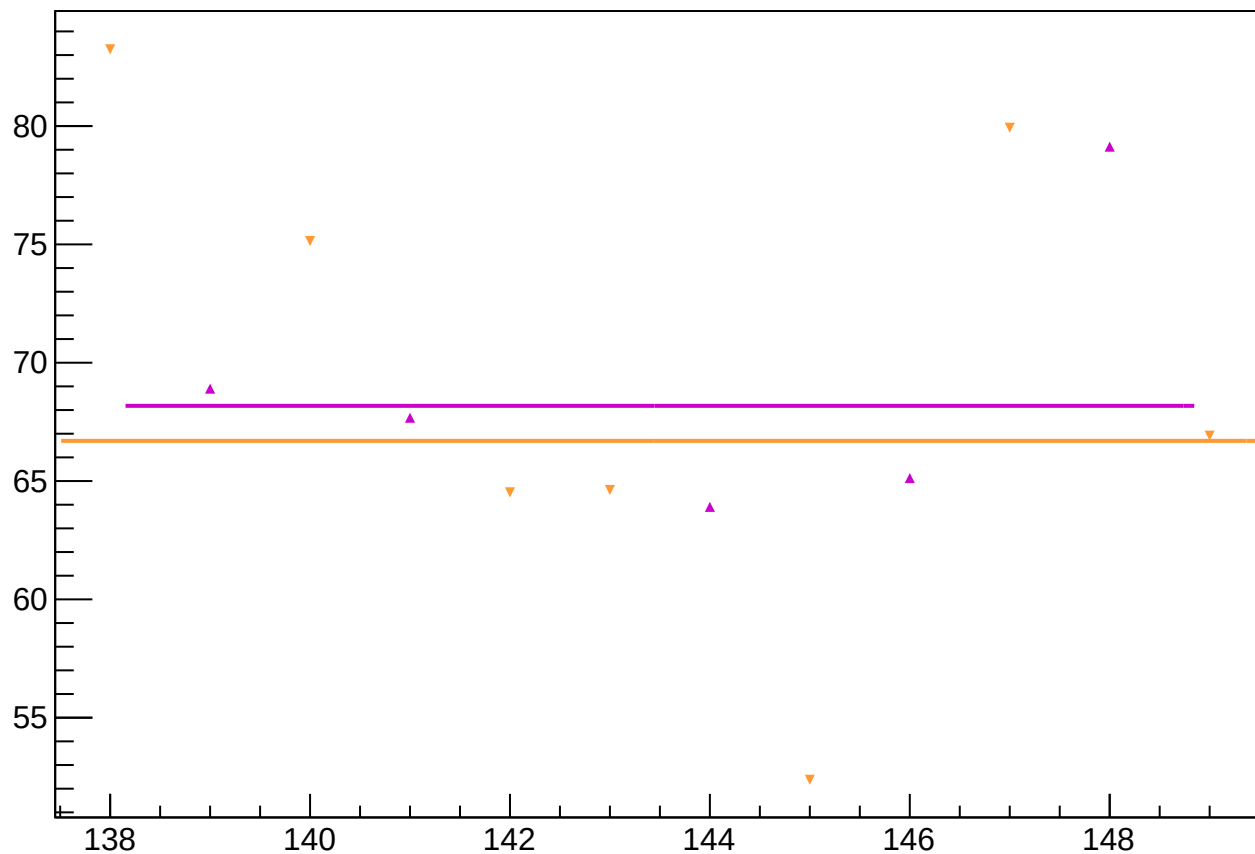
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.243+/-33.873 χ^2/NDF :1.6/4

Out: 78.744+/-30.331 χ^2/NDF :10.0/6

All: 51.822+/-22.596 χ^2/NDF : 13.4/11

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: 66.698+/-0.021 χ^2/NDF :236824.6/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 68.179+/-0.024 χ^2/NDF :42186.1/4

Left: 67.357+/-0.016 χ^2/NDF : 281130.6/11

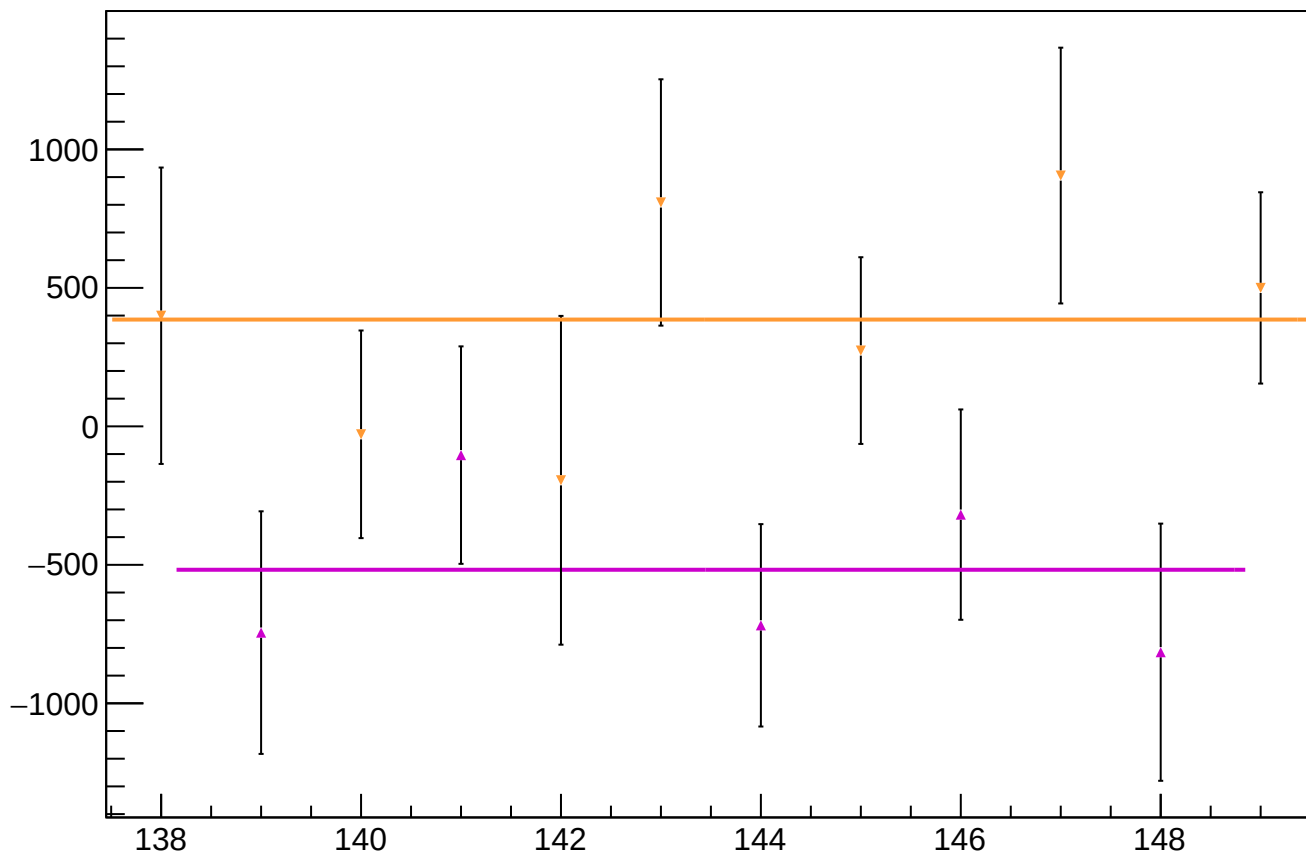
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 68.179+/-0.024 χ^2/NDF :42186.1/4

Out: 66.698+/-0.021 χ^2/NDF :236824.6/6

All: 67.357+/-0.016 χ^2/NDF : 281130.6/11

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: 385.600+/-157.369 χ^2/NDF : 4.6/6

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

Left In: -517.777+/-180.294 χ^2/NDF : 2.4/4

Left: -5.036+/-118.558 χ^2/NDF : 21.2/11

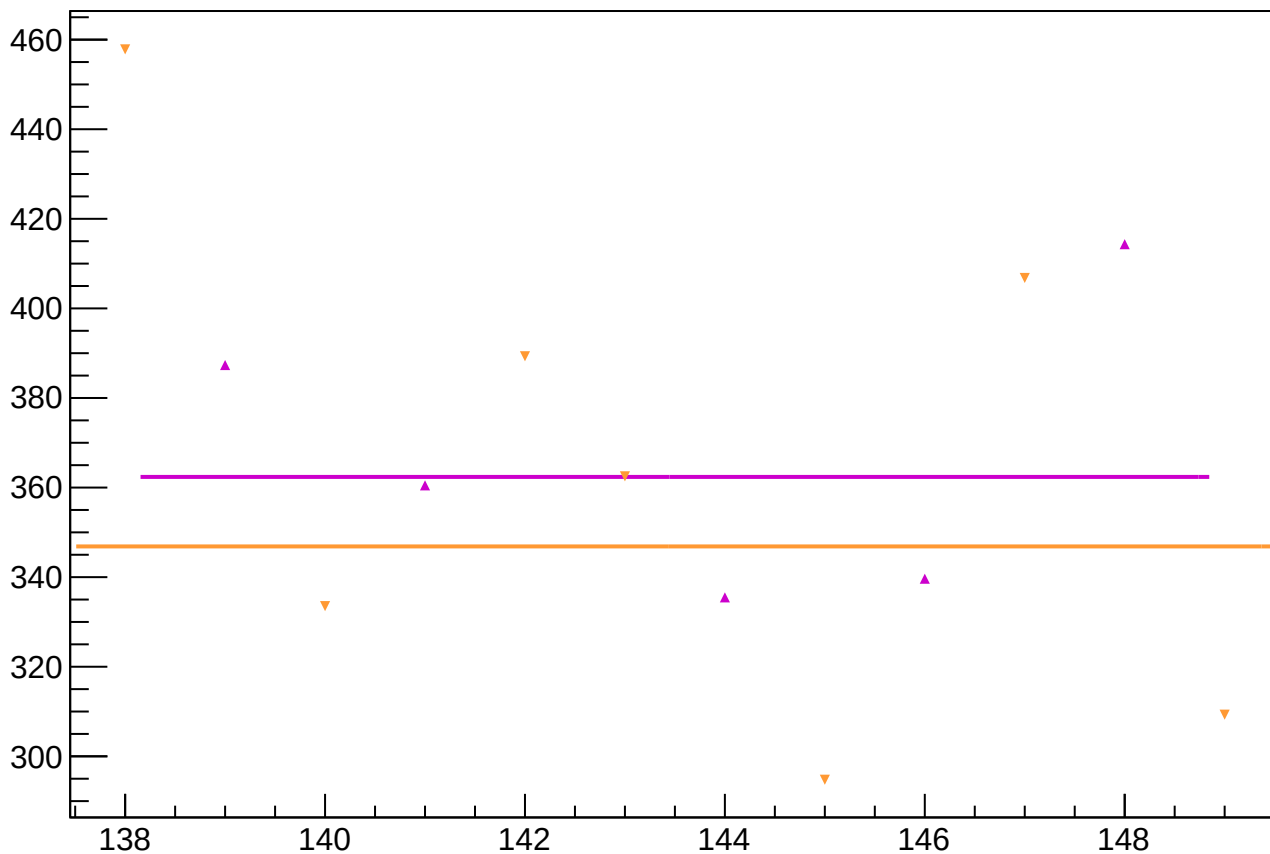
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.777+/-180.294 χ^2/NDF : 2.4/4

Out: 385.600+/-157.369 χ^2/NDF : 4.6/6

All: -5.036+/-118.558 χ^2/NDF : 21.2/11

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: 346.859+/-0.111 χ^2/NDF : 206353.7/6

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

Left In: 362.379+/-0.127 χ^2/NDF : 49588.8/4

Left: 353.570+/-0.084 χ^2/NDF : 264353.8/11

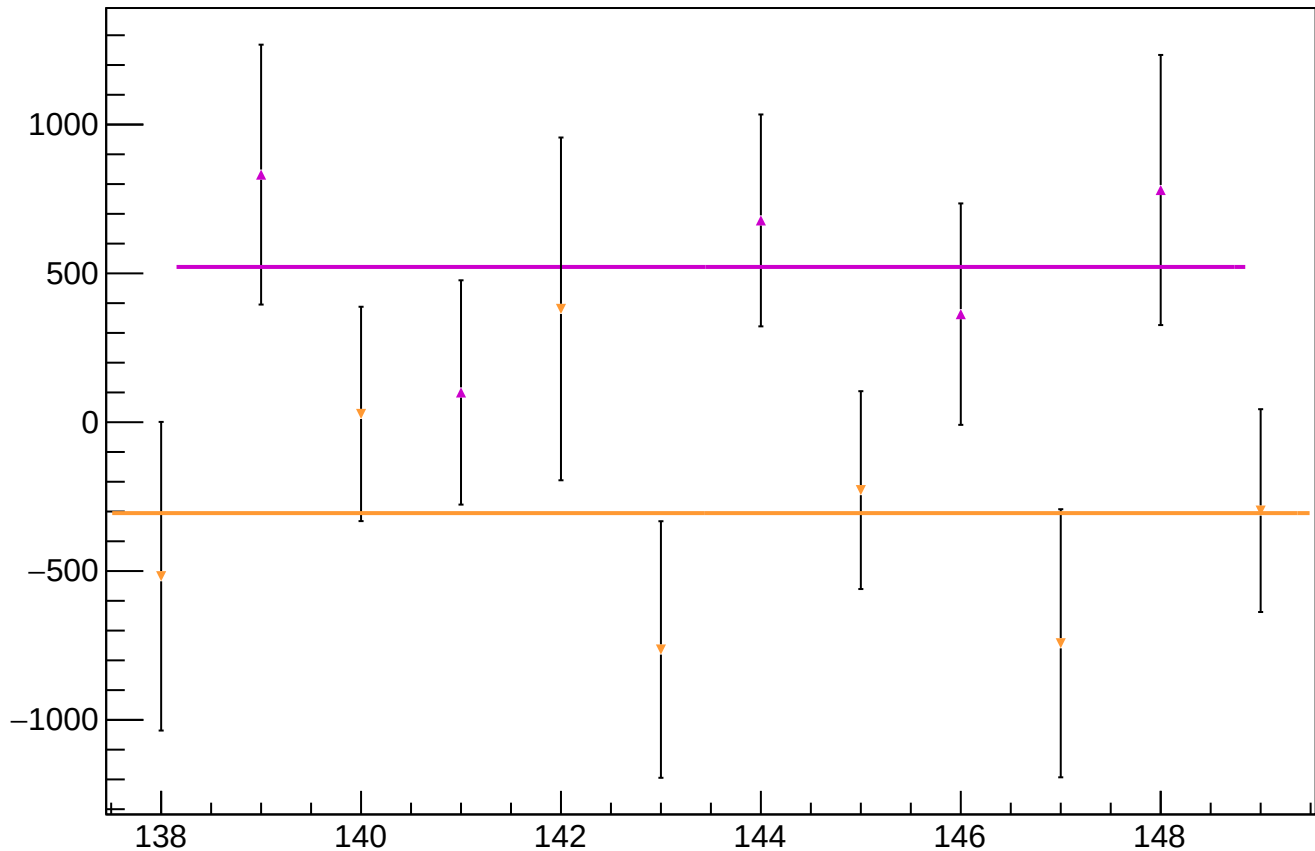
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.379+/-0.127 χ^2/NDF : 49588.8/4

Out: 346.859+/-0.111 χ^2/NDF : 206353.7/6

All: 353.570+/-0.084 χ^2/NDF : 264353.8/11

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -305.356+/-153.508 χ^2/NDF : 4.6/6

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

Left In: 521.649+/-176.033 χ^2/NDF : 2.5/4

Left: 51.881+/-115.696 χ^2/NDF : 19.6/11

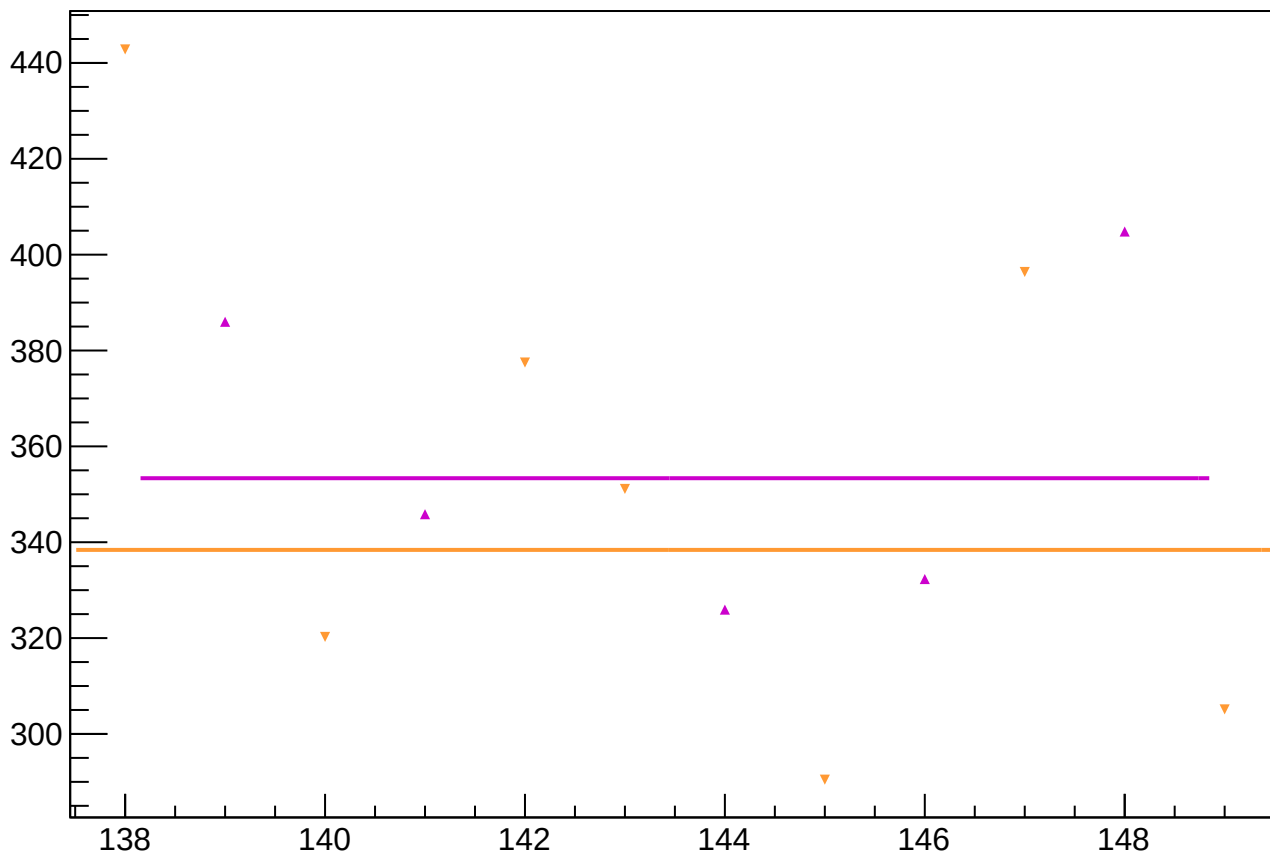
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.649+/-176.033 χ^2/NDF : 2.5/4

Out: -305.356+/-153.508 χ^2/NDF : 4.6/6

All: 51.881+/-115.696 χ^2/NDF : 19.6/11

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 338.400+/-0.109 χ^2/NDF :191057.0/6

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

Left In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Left: 344.860+/-0.082 χ^2/NDF : 255238.4/11

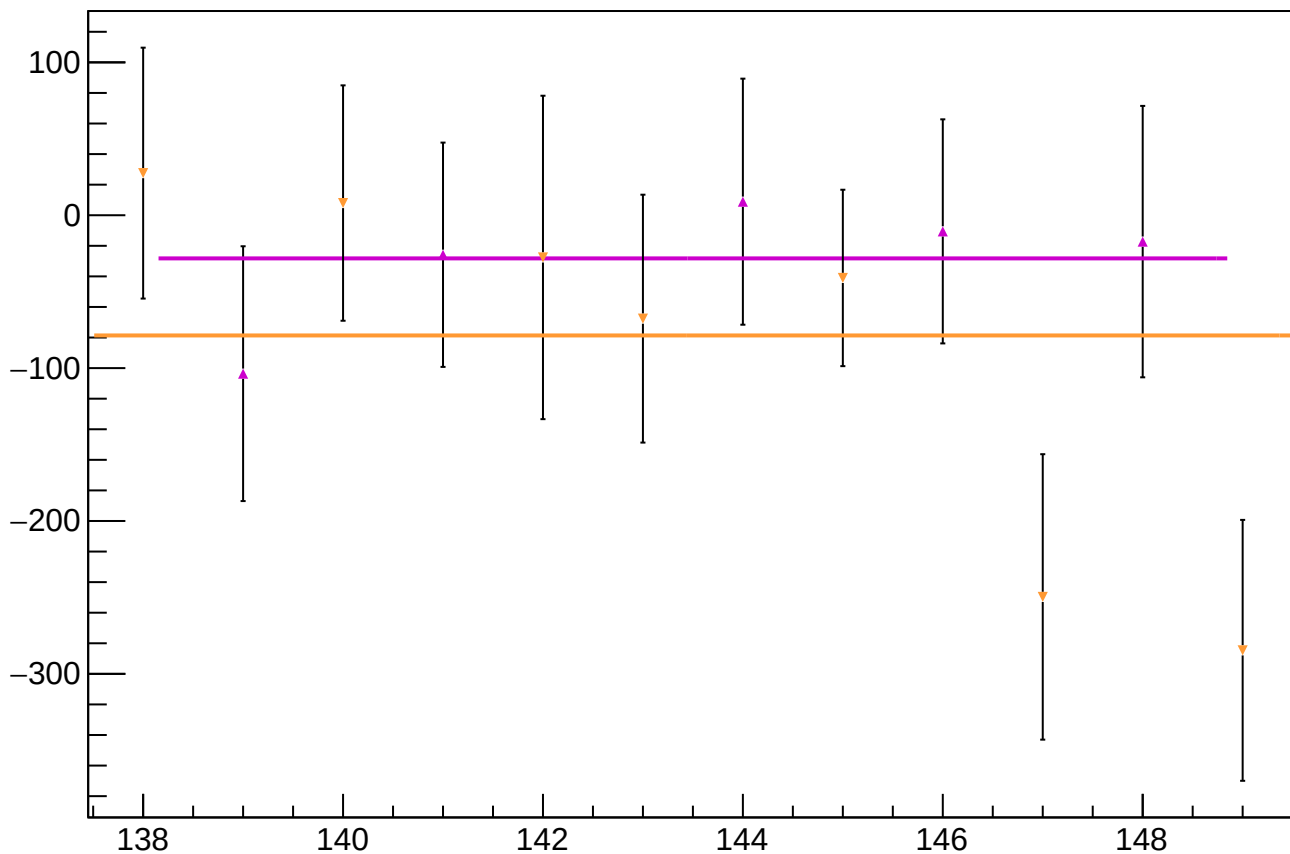
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Out: 338.400+/-0.109 χ^2/NDF :191057.0/6

All: 344.860+/-0.082 χ^2/NDF : 255238.4/11

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -78.633+/-30.000 χ^2/NDF :12.8/6

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

Left In: -28.230+/-35.416 χ^2/NDF :1.1/4

Left: -57.577+/-22.891 χ^2/NDF : 15.1/11

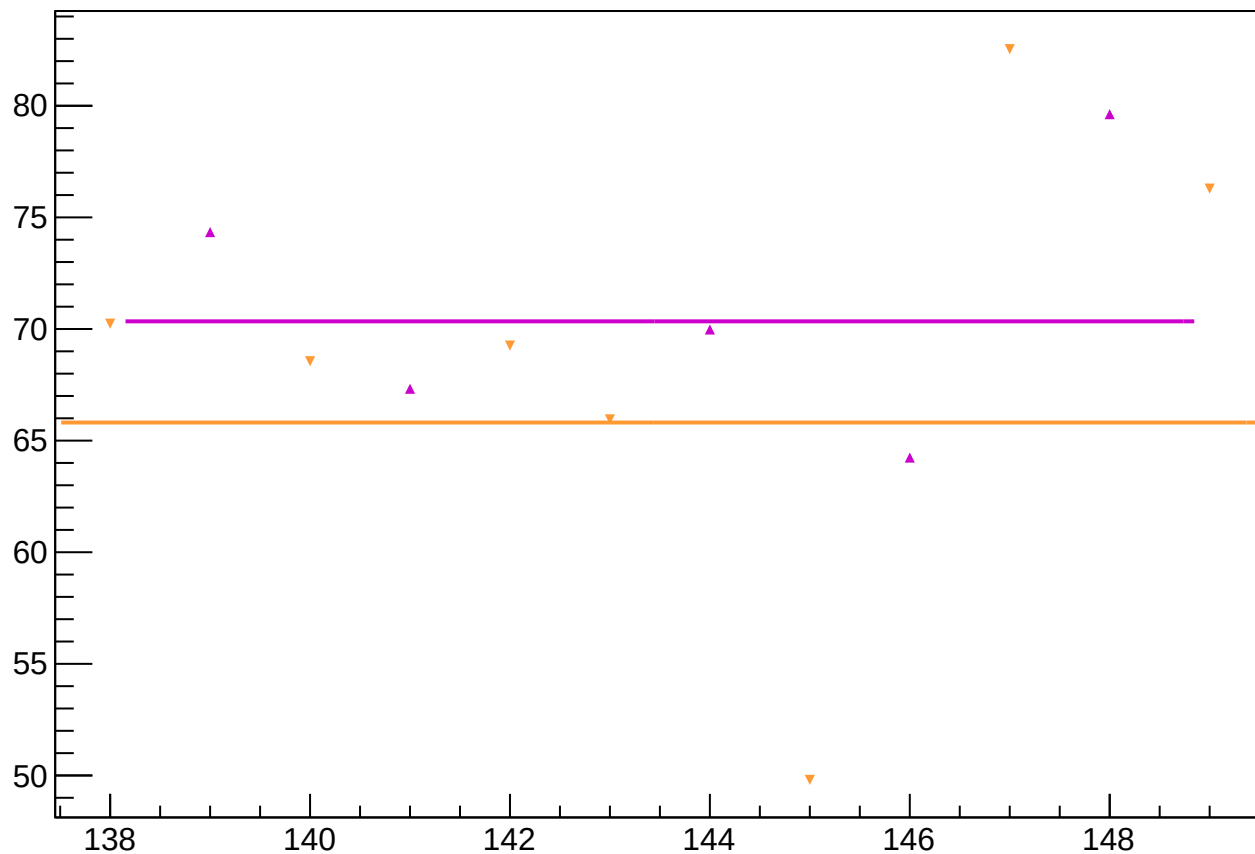
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.230+/-35.416 χ^2/NDF :1.1/4

Out: -78.633+/-30.000 χ^2/NDF :12.8/6

All: -57.577+/-22.891 χ^2/NDF : 15.1/11

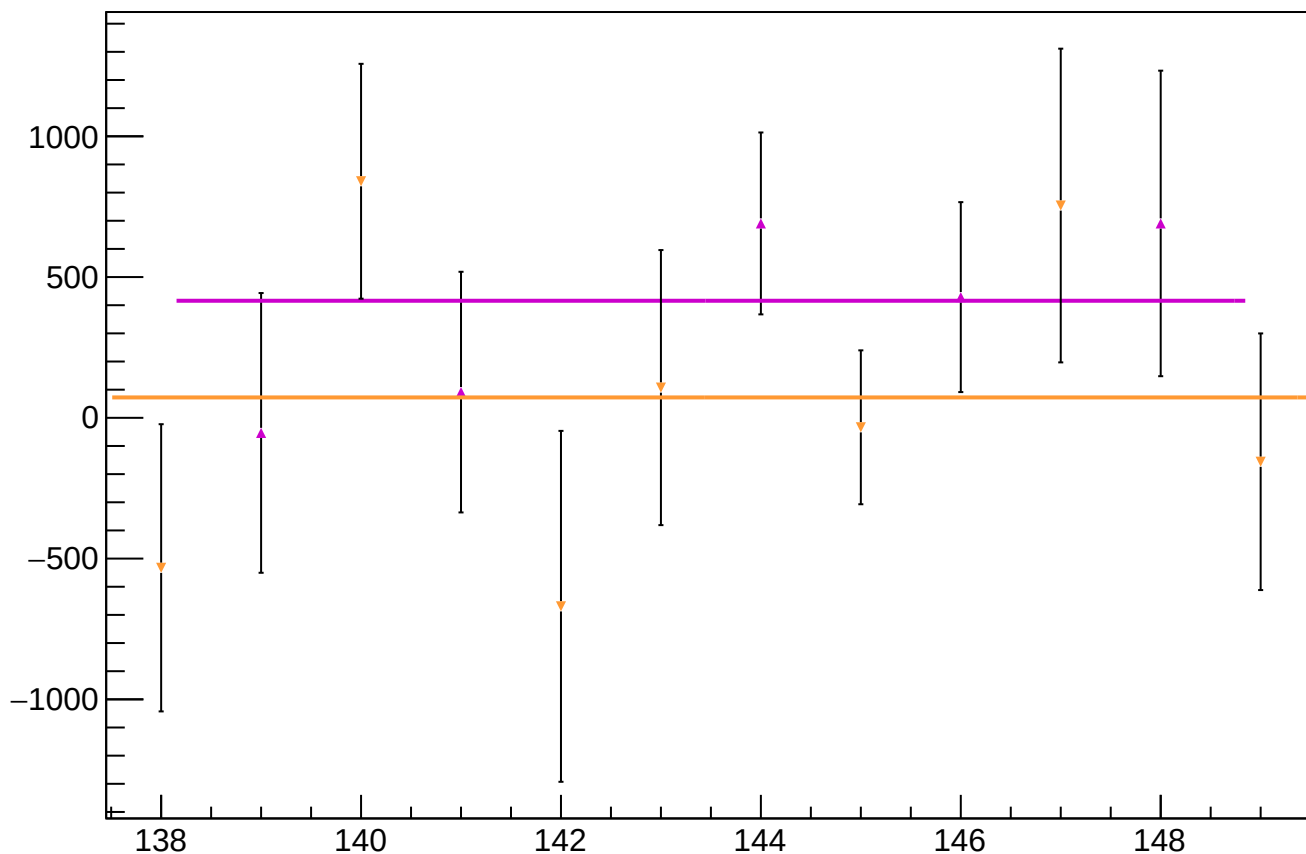
dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 65.810+/-0.021 χ^2/NDF :258804.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 70.343+/-0.025 χ^2/NDF :43754.5/4

Left: 67.704+/-0.016 χ^2/NDF : 321634.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 70.343+/-0.025 χ^2/NDF :43754.5/4
 Out: 65.810+/-0.021 χ^2/NDF :258804.9/6
 All: 67.704+/-0.016 χ^2/NDF : 321634.2/11

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: 72.443+/-162.700 χ^2/NDF : 8.1/6

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

Left In: 415.841+/-178.769 χ^2/NDF : 2.4/4

Left: 228.018+/-120.327 χ^2/NDF : 12.6/11

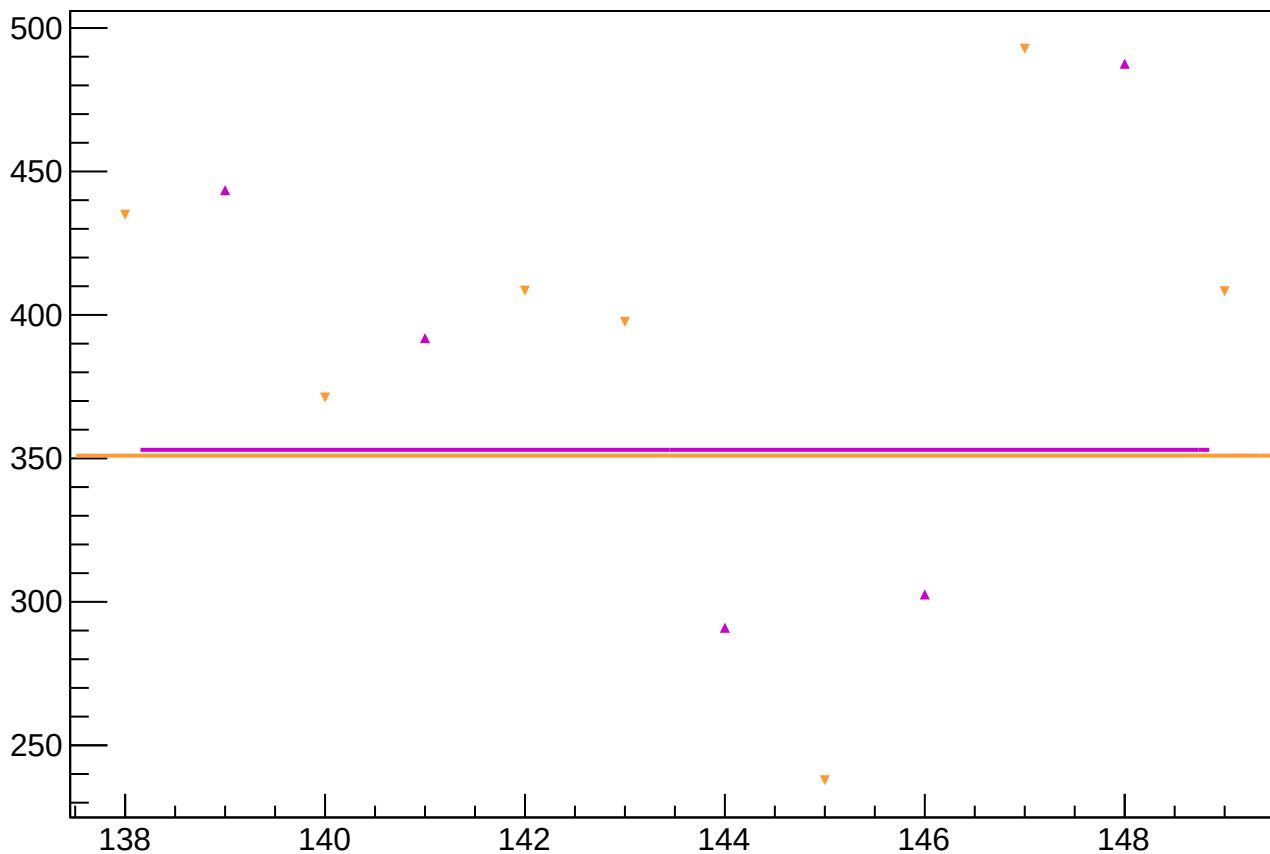
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 415.841+/-178.769 χ^2/NDF : 2.4/4

Out: 72.443+/-162.700 χ^2/NDF : 8.1/6

All: 228.018+/-120.327 χ^2/NDF : 12.6/11

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 350.971+/-0.115 χ^2/NDF :597947.9/6

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

Left In: 352.982+/-0.126 χ^2/NDF :324324.8/4

Left: 351.882+/-0.085 χ^2/NDF : 922411.1/11

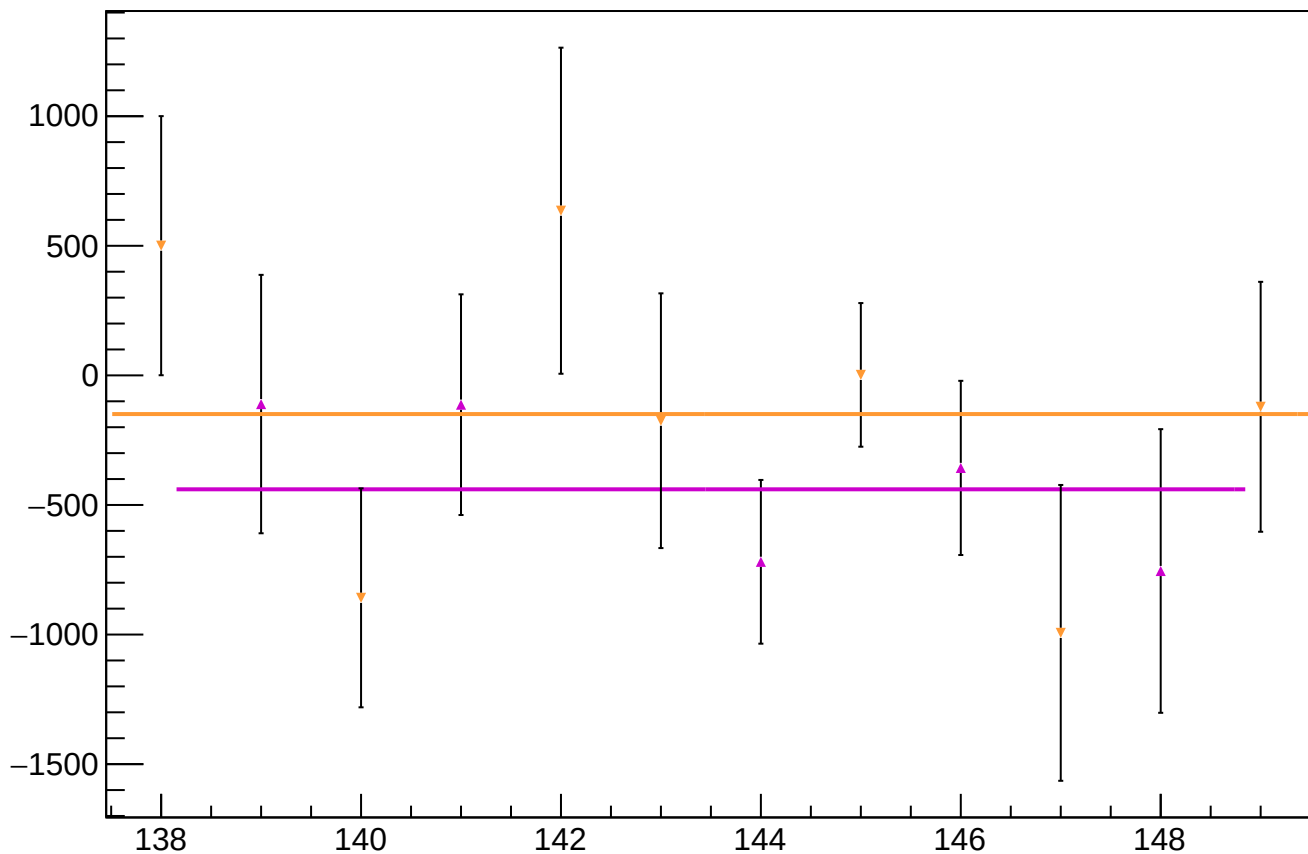
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 352.982+/-0.126 χ^2/NDF :324324.8/4

Out: 350.971+/-0.115 χ^2/NDF :597947.9/6

All: 351.882+/-0.085 χ^2/NDF : 922411.1/11

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -149.249 ± 165.146 $\chi^2/\text{NDF}: 8.6/6$

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

Left In: -439.598 ± 177.449 $\chi^2/\text{NDF}: 2.2/4$

Left: -284.010 ± 120.892 $\chi^2/\text{NDF}: 12.2/11$

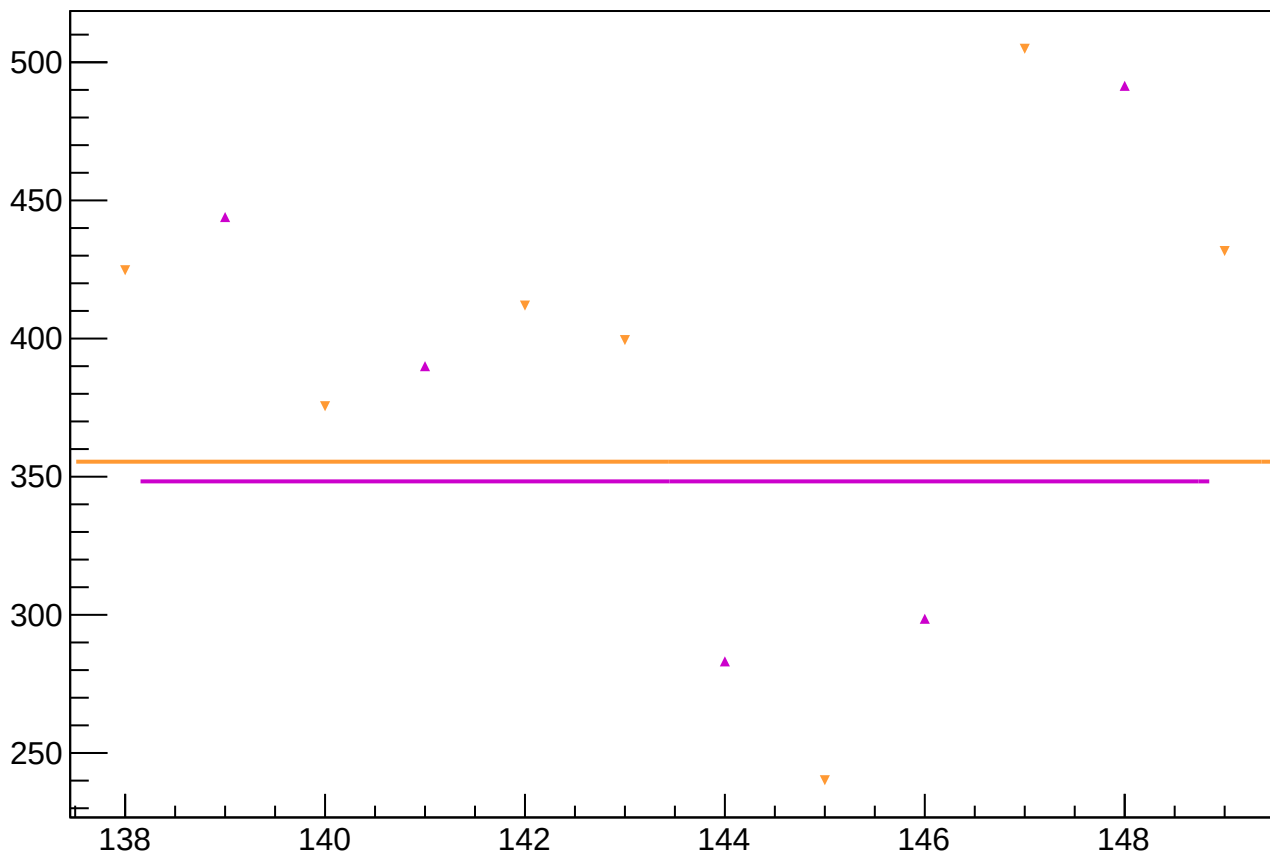
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -439.598 ± 177.449 $\chi^2/\text{NDF}: 2.2/4$

Out: -149.249 ± 165.146 $\chi^2/\text{NDF}: 8.6/6$

All: -284.010 ± 120.892 $\chi^2/\text{NDF}: 12.2/11$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 355.434+/-0.117 χ^2/NDF : 608482.9/6

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

Left In: 348.305+/-0.125 χ^2/NDF : 358599.7/4

Left: 352.125+/-0.085 χ^2/NDF : 968812.3/11

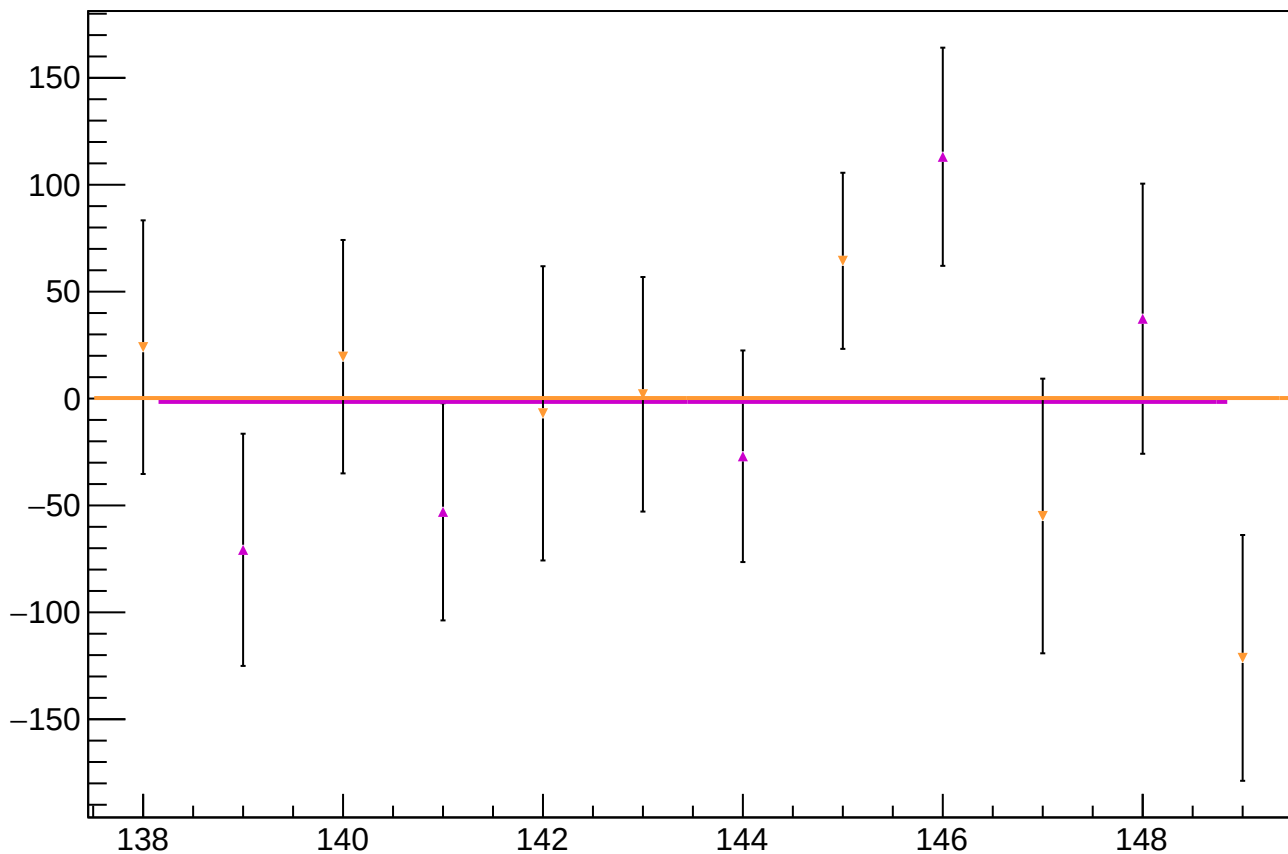
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.305+/-0.125 χ^2/NDF : 358599.7/4

Out: 355.434+/-0.117 χ^2/NDF : 608482.9/6

All: 352.125+/-0.085 χ^2/NDF : 968812.3/11

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: 0.238+/-20.862 χ^2/NDF : 7.9/6

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

Left In: -1.564+/-23.770 χ^2/NDF : 8.3/4

Left: -0.546+/-15.679 χ^2/NDF : 16.3/11

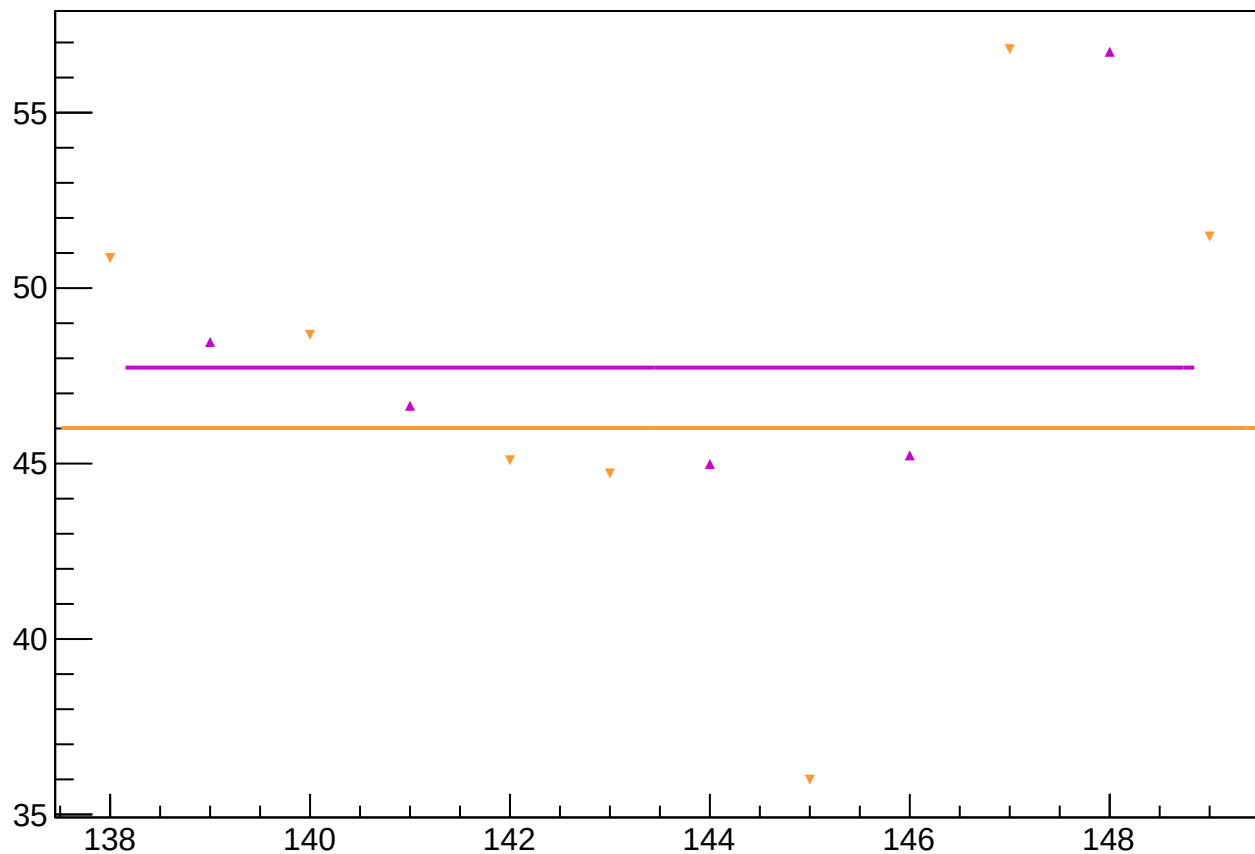
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.564+/-23.770 χ^2/NDF : 8.3/4

Out: 0.238+/-20.862 χ^2/NDF : 7.9/6

All: -0.546+/-15.679 χ^2/NDF : 16.3/11

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: 46.013+/-0.015 χ^2/NDF : 212481.7/6

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

Left In: 47.735+/-0.017 χ^2/NDF : 52841.1/4

Left: 46.762+/-0.011 χ^2/NDF : 271249.4/11

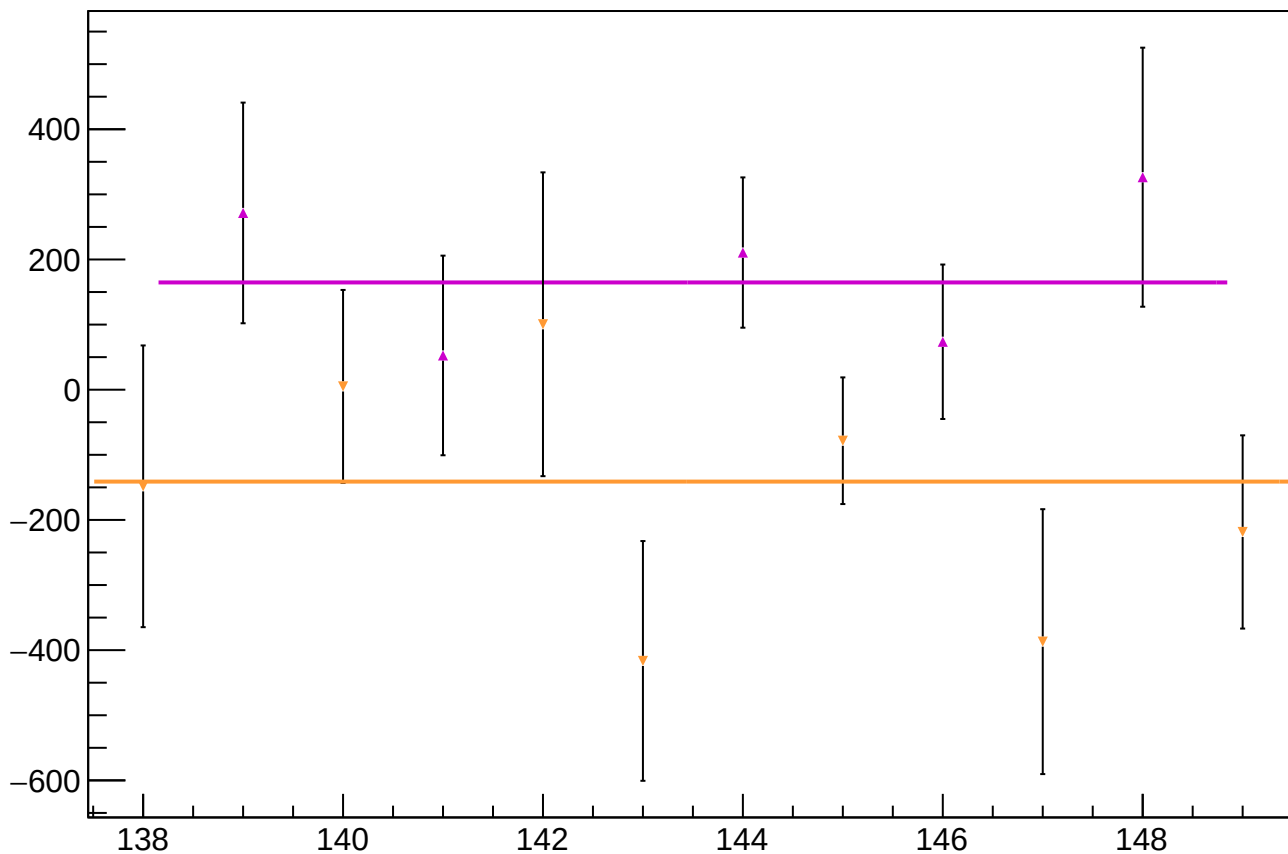
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.735+/-0.017 χ^2/NDF : 52841.1/4

Out: 46.013+/-0.015 χ^2/NDF : 212481.7/6

All: 46.762+/-0.011 χ^2/NDF : 271249.4/11

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -141.126+/-58.713 χ^2/NDF :6.4/6

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

Left In: 164.733+/-63.396 χ^2/NDF :2.3/4

Left: 0.091+/-43.077 χ^2/NDF : 21.3/11

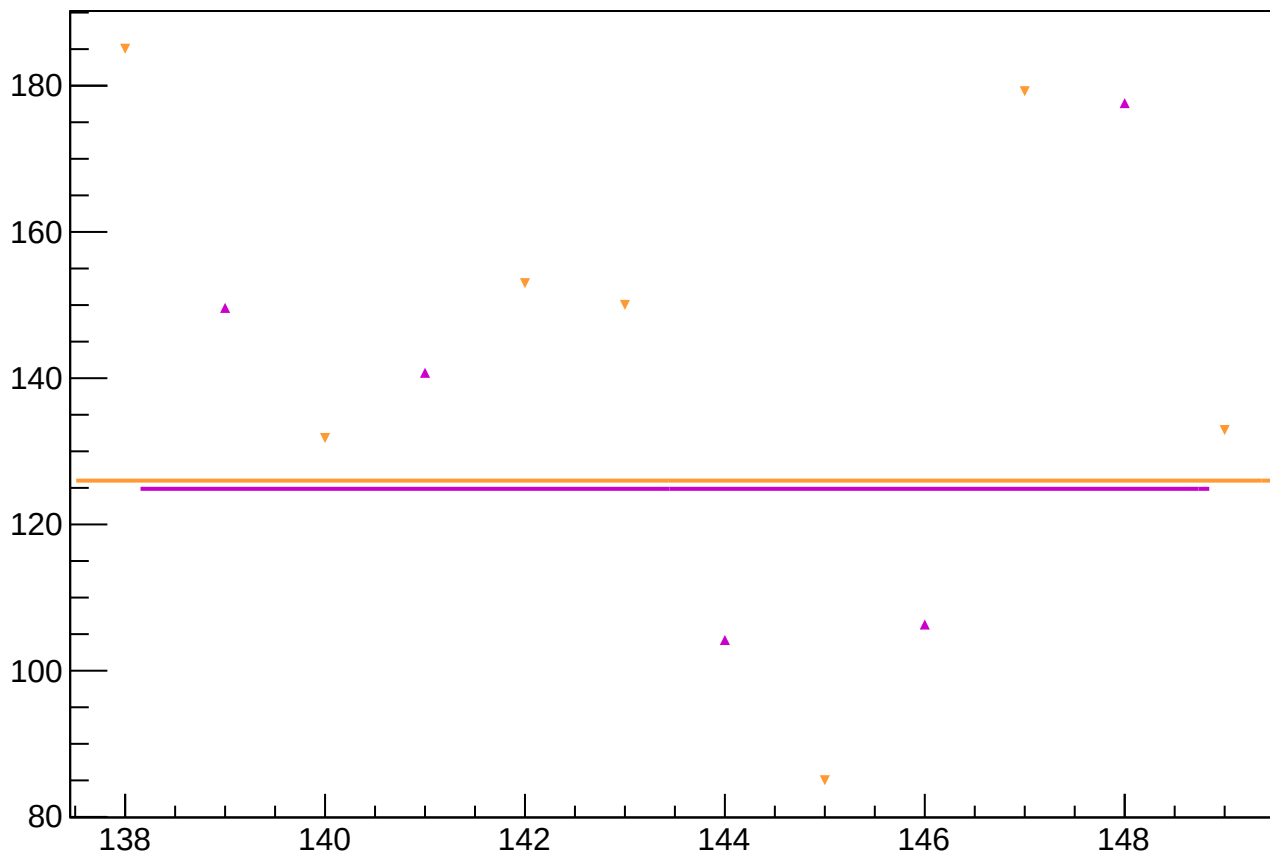
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 164.733+/-63.396 χ^2/NDF :2.3/4

Out: -141.126+/-58.713 χ^2/NDF :6.4/6

All: 0.091+/-43.077 χ^2/NDF : 21.3/11

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: 125.995+/-0.042 χ^2/NDF : 709346.2/6

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

Left In: 124.870+/-0.045 χ^2/NDF : 317779.9/4

Left: 125.476+/-0.030 χ^2/NDF : 1027465.1/11

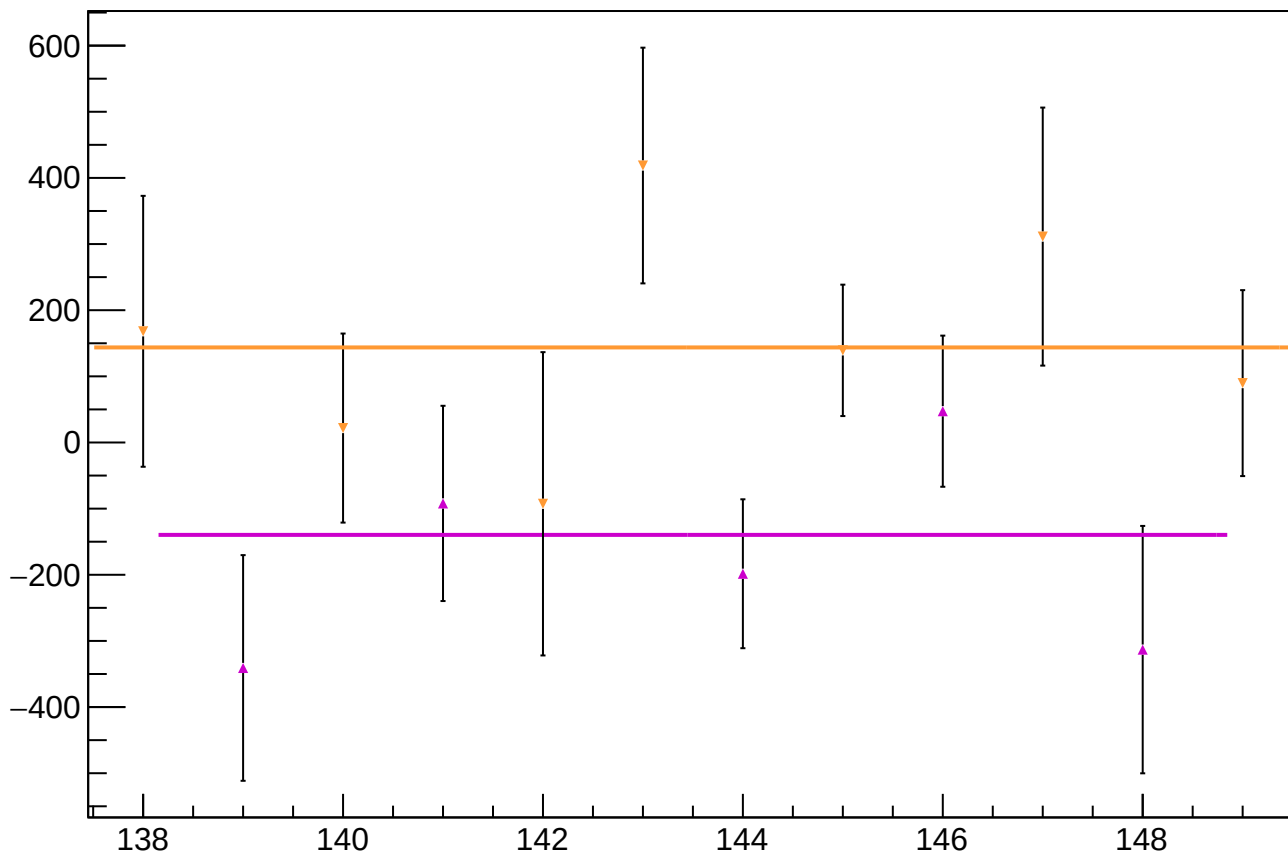
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 124.870+/-0.045 χ^2/NDF : 317779.9/4

Out: 125.995+/-0.042 χ^2/NDF : 709346.2/6

All: 125.476+/-0.030 χ^2/NDF : 1027465.1/11

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 143.716+/-57.581 χ^2/NDF : 5.1/6

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

Left In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Left: 11.326+/-42.032 χ^2/NDF : 21.7/11

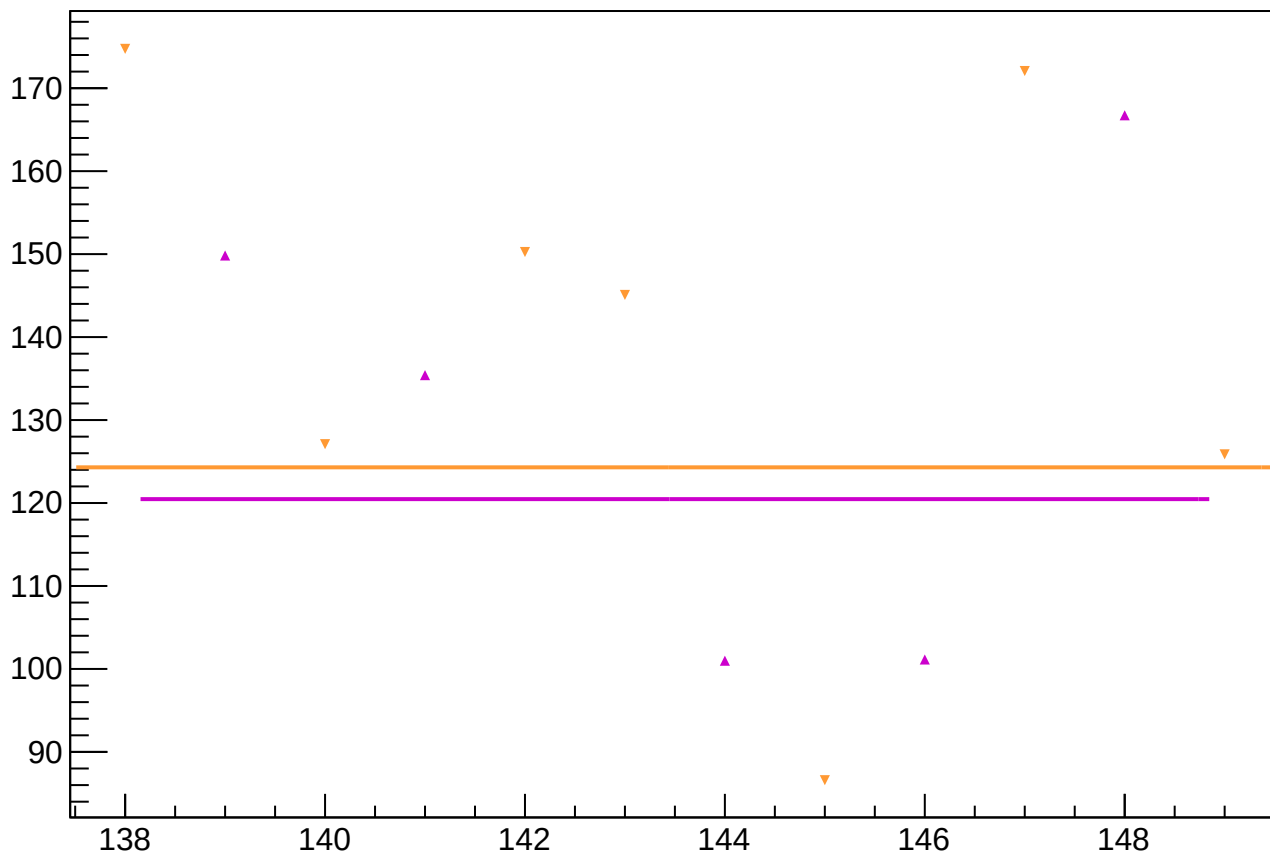
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Out: 143.716+/-57.581 χ^2/NDF : 5.1/6

All: 11.326+/-42.032 χ^2/NDF : 21.7/11

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 124.300+/-0.041 χ^2/NDF :583441.8/6

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

Left In: 120.469+/-0.043 χ^2/NDF :319298.5/4

Left: 122.510+/-0.030 χ^2/NDF : 906875.8/11

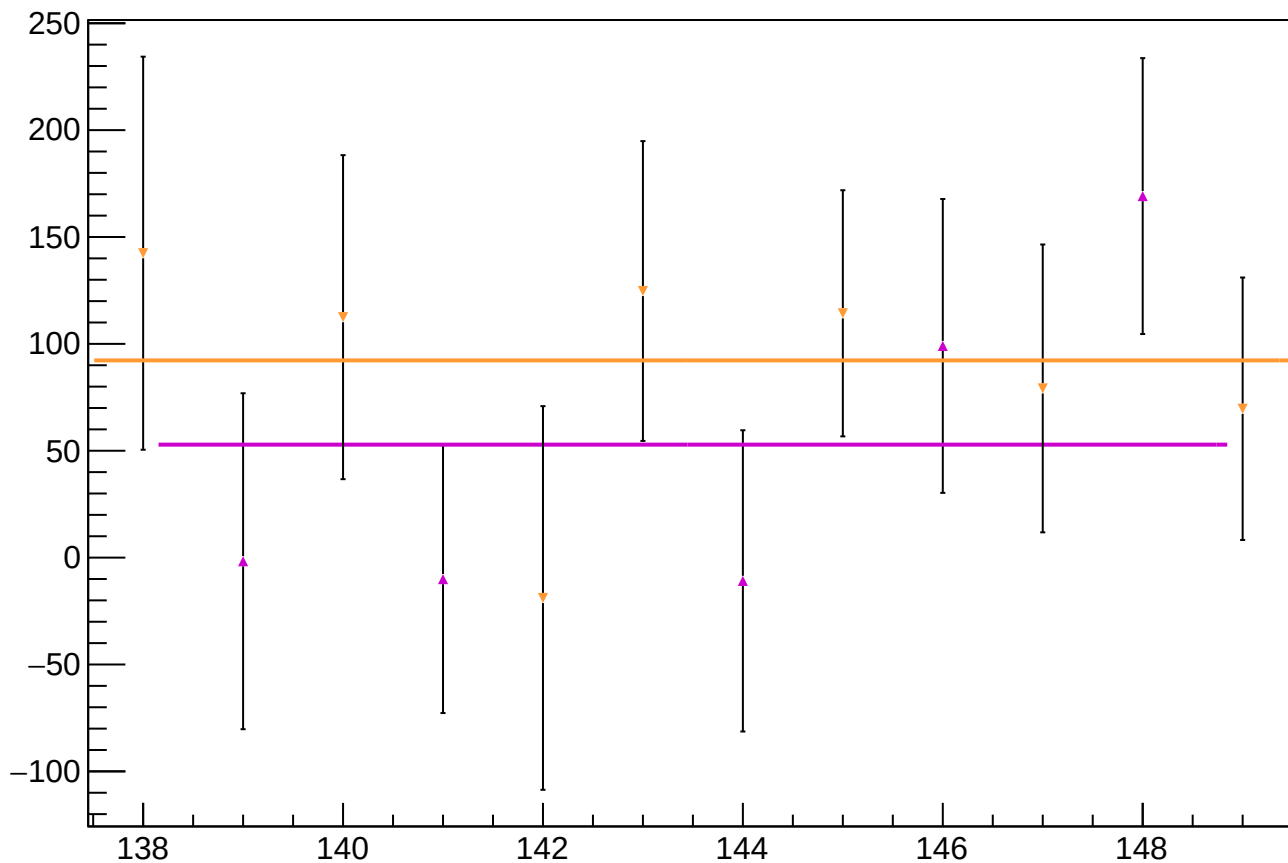
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.469+/-0.043 χ^2/NDF :319298.5/4

Out: 124.300+/-0.041 χ^2/NDF :583441.8/6

All: 122.510+/-0.030 χ^2/NDF : 906875.8/11

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 92.273+/-26.657 χ^2/NDF :2.4/6

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

Left In: 52.856+/-30.575 χ^2/NDF :6.0/4

Left: 75.251+/-20.092 χ^2/NDF : 9.4/11

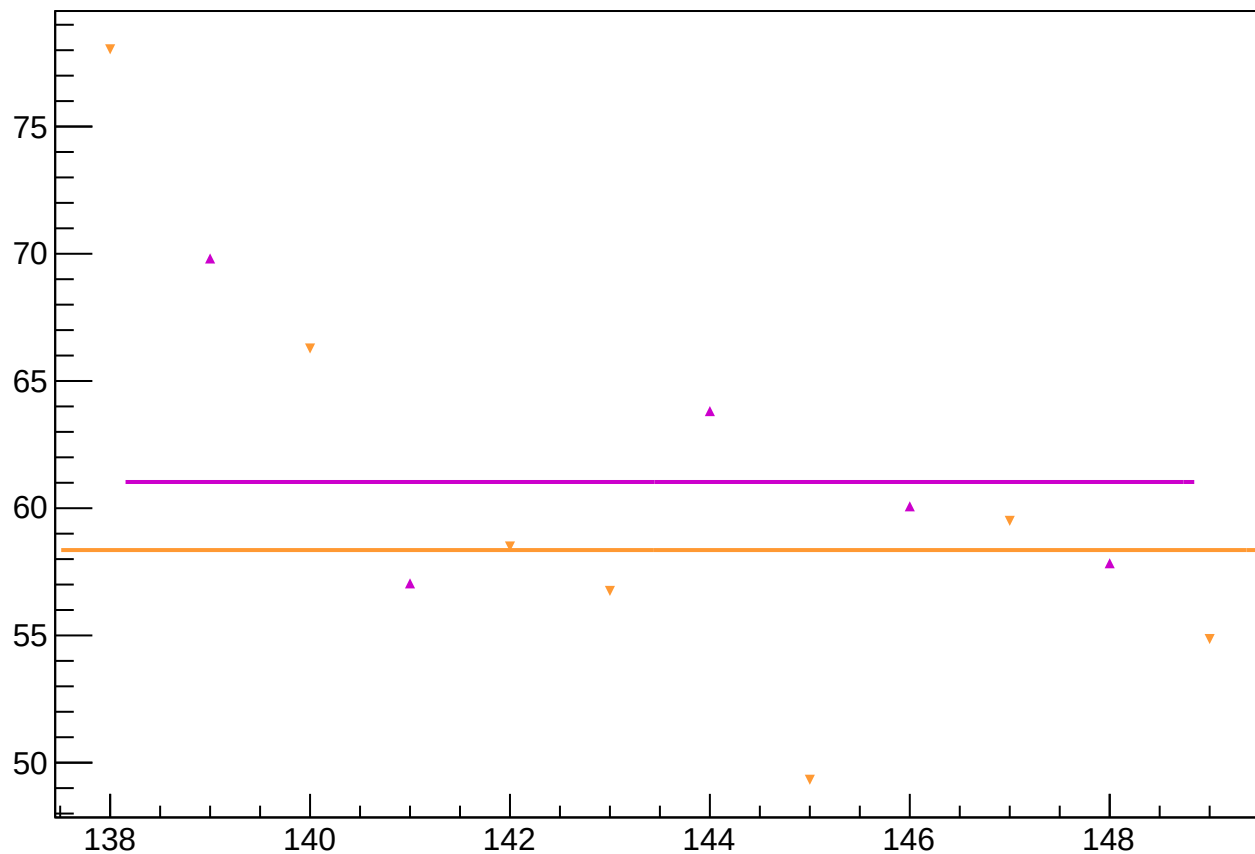
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.856+/-30.575 χ^2/NDF :6.0/4

Out: 92.273+/-26.657 χ^2/NDF :2.4/6

All: 75.251+/-20.092 χ^2/NDF : 9.4/11

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 58.355+/-0.019 χ^2/NDF :170735.9/6

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

Left In: 61.031+/-0.022 χ^2/NDF :41489.5/4

Left: 59.511+/-0.014 χ^2/NDF : 220926.0/11

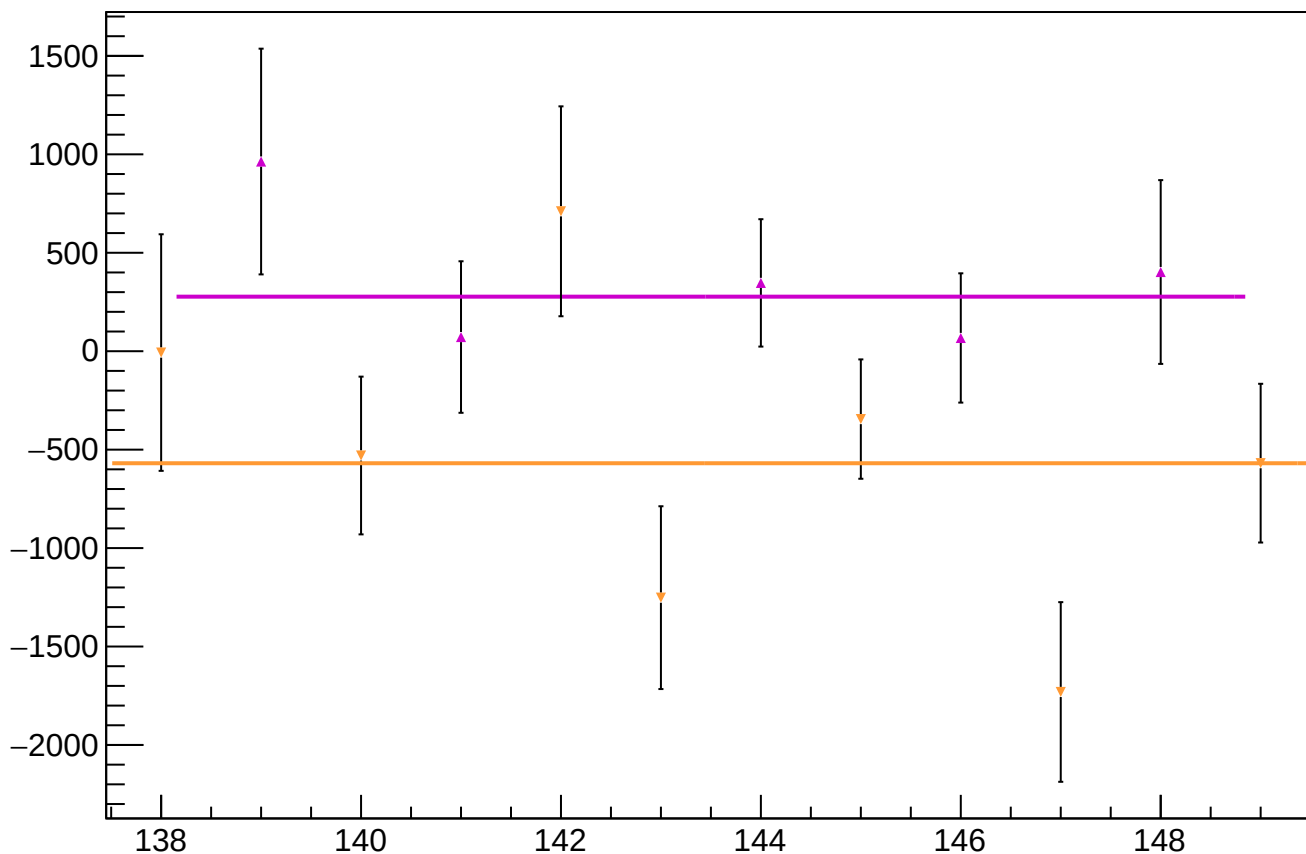
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.031+/-0.022 χ^2/NDF :41489.5/4

Out: 58.355+/-0.019 χ^2/NDF :170735.9/6

All: 59.511+/-0.014 χ^2/NDF : 220926.0/11

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -569.050+/-160.130 χ^2/NDF :15.8/6

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

Left In: 277.086+/-173.511 χ^2/NDF :2.2/4

Left: -179.861+/-117.676 χ^2/NDF : 30.9/11

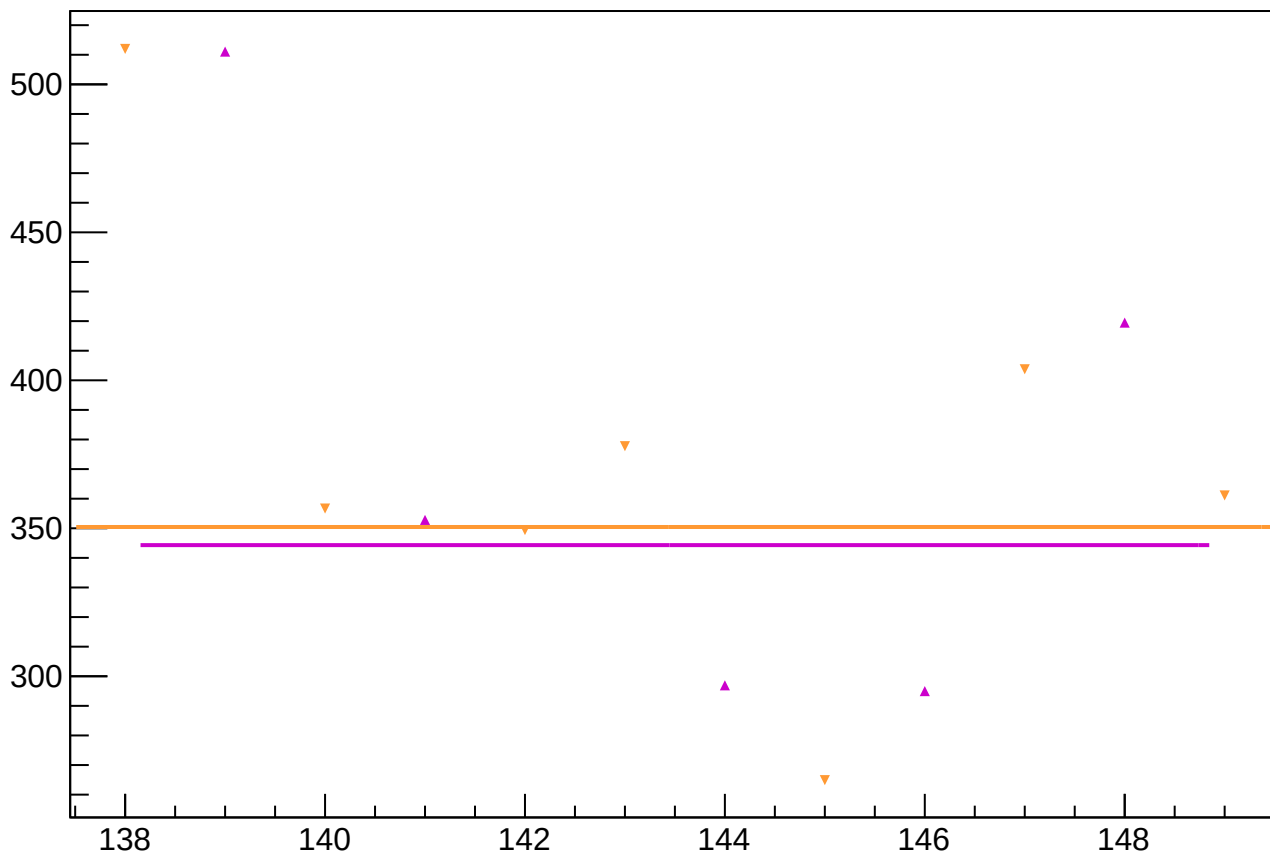
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.086+/-173.511 χ^2/NDF :2.2/4

Out: -569.050+/-160.130 χ^2/NDF :15.8/6

All: -179.861+/-117.676 χ^2/NDF : 30.9/11

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 350.436+/-0.113 χ^2/NDF :339926.5/6

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

Left In: 344.311+/-0.123 χ^2/NDF :310142.9/4

Left: 347.619+/-0.083 χ^2/NDF : 651415.4/11

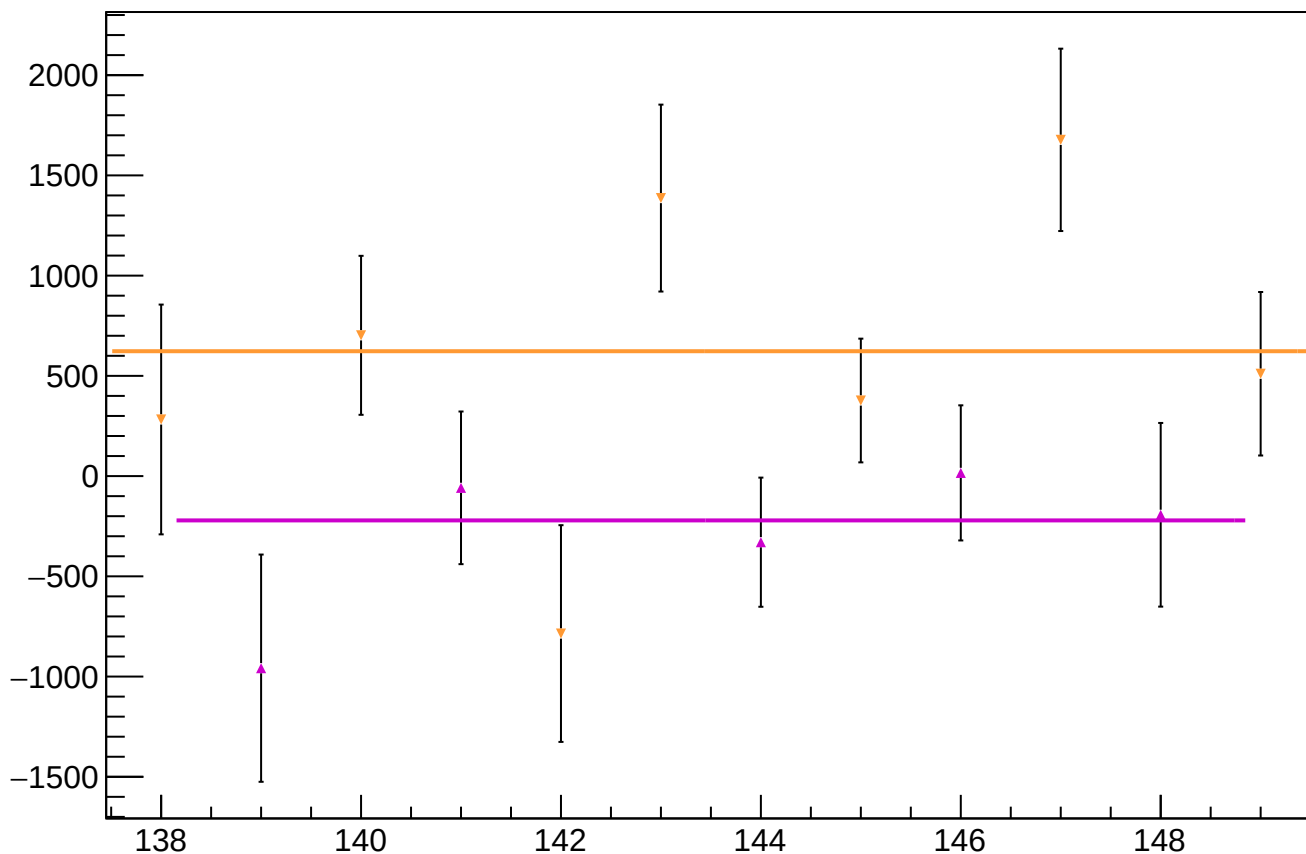
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.311+/-0.123 χ^2/NDF :310142.9/4

Out: 350.436+/-0.113 χ^2/NDF :339926.5/6

All: 347.619+/-0.083 χ^2/NDF : 651415.4/11

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 622.942+/-160.589 χ^2/NDF :16.0/6

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

Left In: -221.036+/-173.512 χ^2/NDF :2.5/4

Left: 233.550+/-117.858 χ^2/NDF : 31.2/11

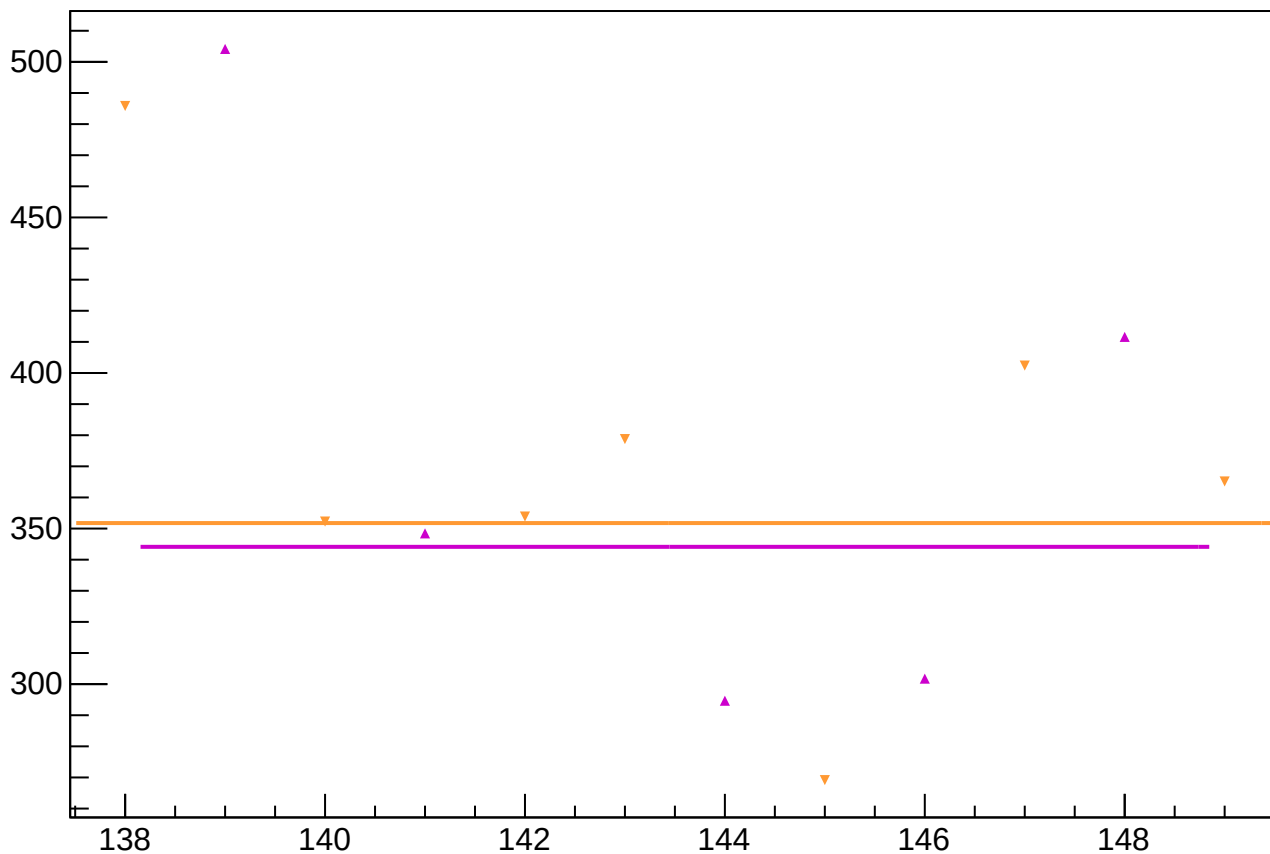
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -221.036+/-173.512 χ^2/NDF :2.5/4

Out: 622.942+/-160.589 χ^2/NDF :16.0/6

All: 233.550+/-117.858 χ^2/NDF : 31.2/11

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 351.767+/-0.114 χ^2/NDF :286472.4/6

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

Left In: 344.129+/-0.123 χ^2/NDF :281851.6/4

Left: 348.243+/-0.083 χ^2/NDF : 570411.7/11

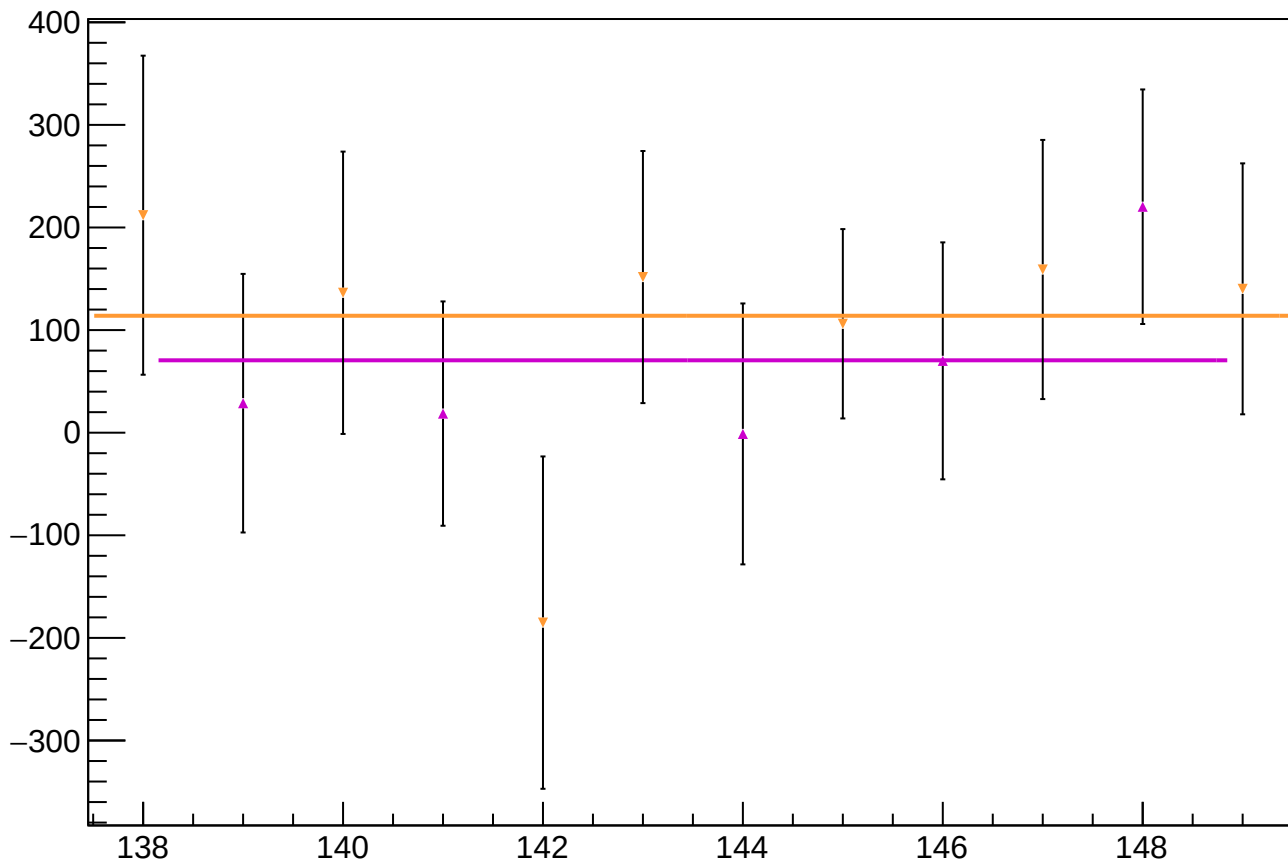
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.129+/-0.123 χ^2/NDF :281851.6/4

Out: 351.767+/-0.114 χ^2/NDF :286472.4/6

All: 348.243+/-0.083 χ^2/NDF : 570411.7/11

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: 113.966 $\pm$ 47.375 χ^2 /NDF:4.1/6

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

Left In: 70.550 $\pm$ 52.702 χ^2 /NDF:2.4/4

Left: 94.563 $\pm$ 35.232 χ^2 /NDF: 6.9/11

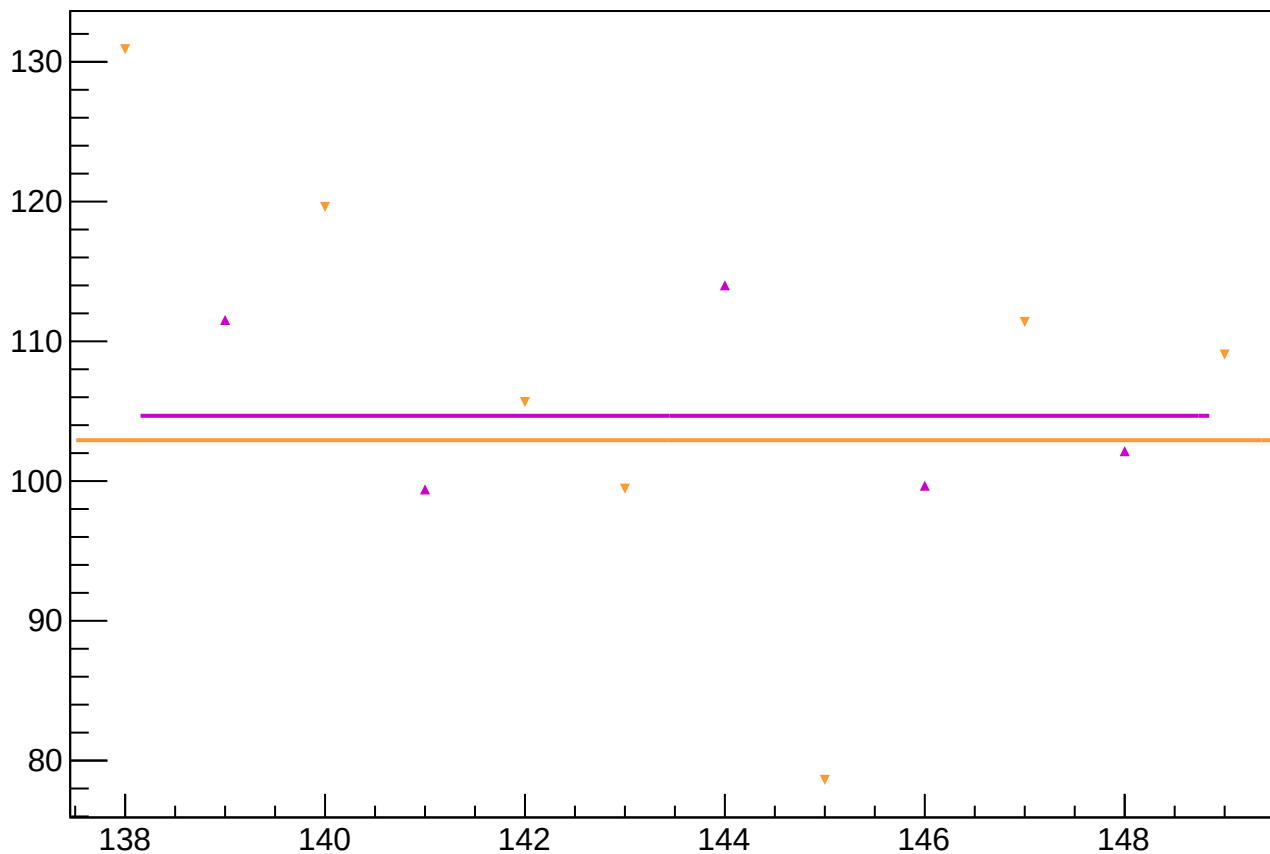
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 70.550 $\pm$ 52.702 χ^2 /NDF:2.4/4

Out: 113.966 $\pm$ 47.375 χ^2 /NDF:4.1/6

All: 94.563 $\pm$ 35.232 χ^2 /NDF: 6.9/11

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 102.922+/-0.033 χ^2/NDF :249141.9/6

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

Left In: 104.672+/-0.037 χ^2/NDF :26093.9/4

Left: 103.704+/-0.025 χ^2/NDF : 276454.4/11

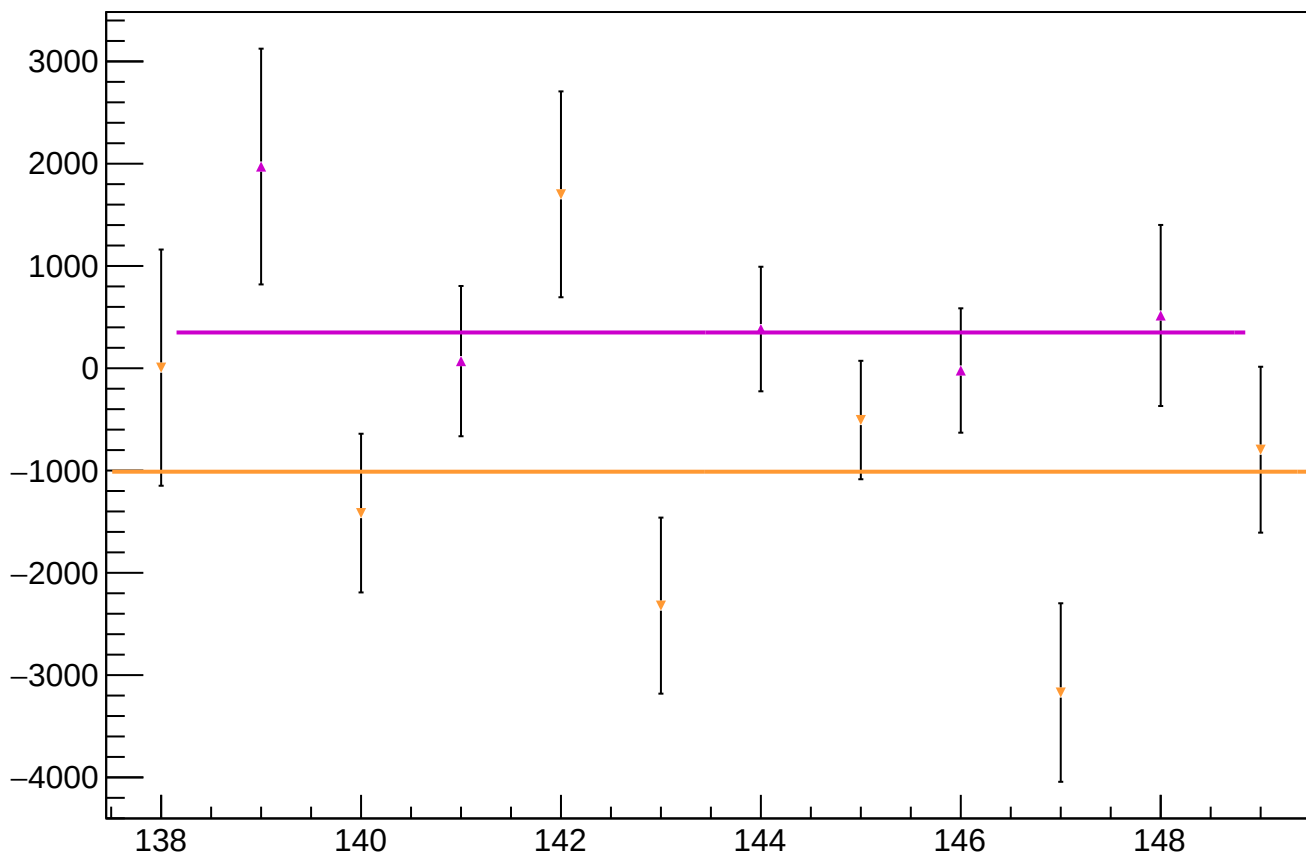
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.672+/-0.037 χ^2/NDF :26093.9/4

Out: 102.922+/-0.033 χ^2/NDF :249141.9/6

All: 103.704+/-0.025 χ^2/NDF : 276454.4/11

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1011.302+/-307.641 χ^2/NDF :17.6/6

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

Left In: 349.838+/-328.180 χ^2/NDF :2.5/4

Left: -374.654+/-224.445 χ^2/NDF : 29.3/11

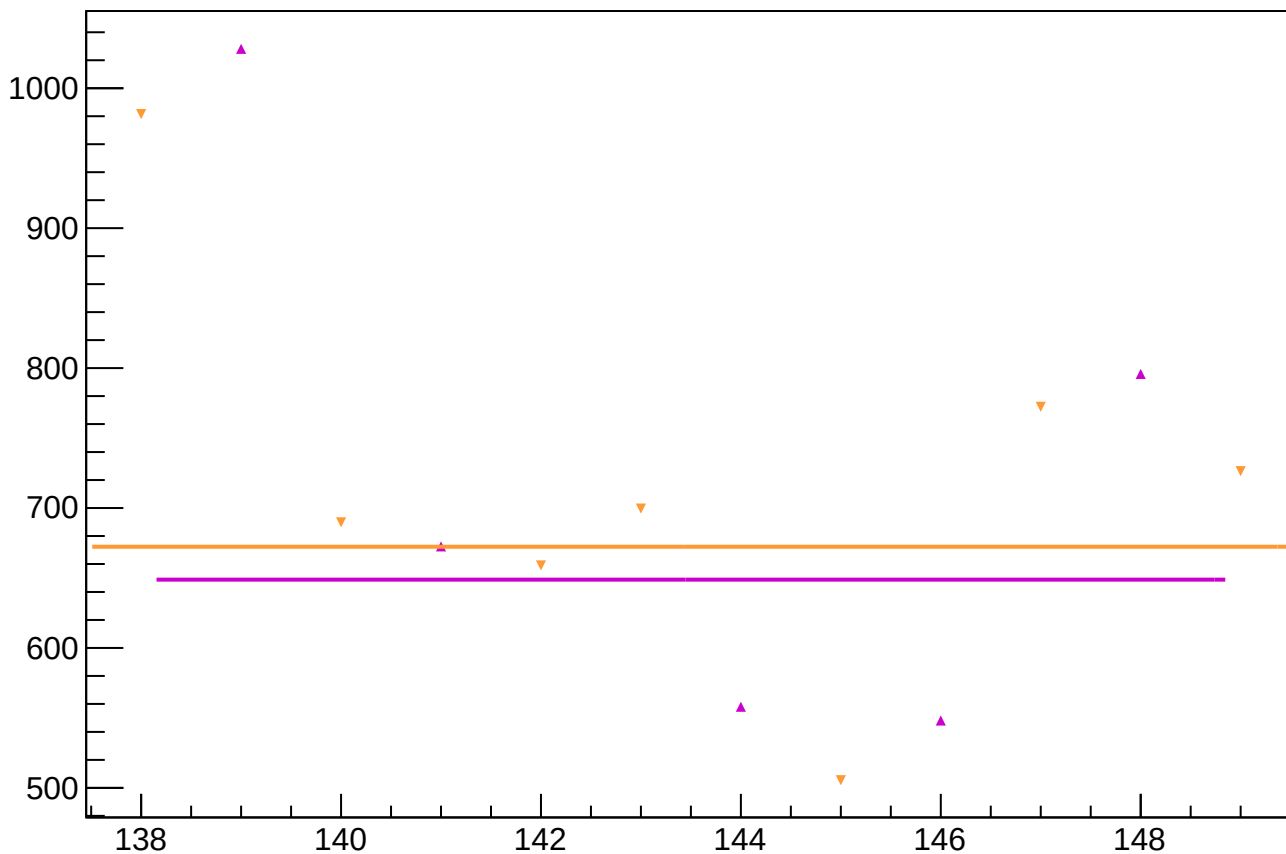
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 349.838+/-328.180 χ^2/NDF :2.5/4

Out: -1011.302+/-307.641 χ^2/NDF :17.6/6

All: -374.654+/-224.445 χ^2/NDF : 29.3/11

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 672.328+/-0.218 χ^2/NDF : 348033.1/6

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

Left In: 648.823+/-0.232 χ^2/NDF : 373262.1/4

Left: 661.334+/-0.159 χ^2/NDF : 726756.4/11

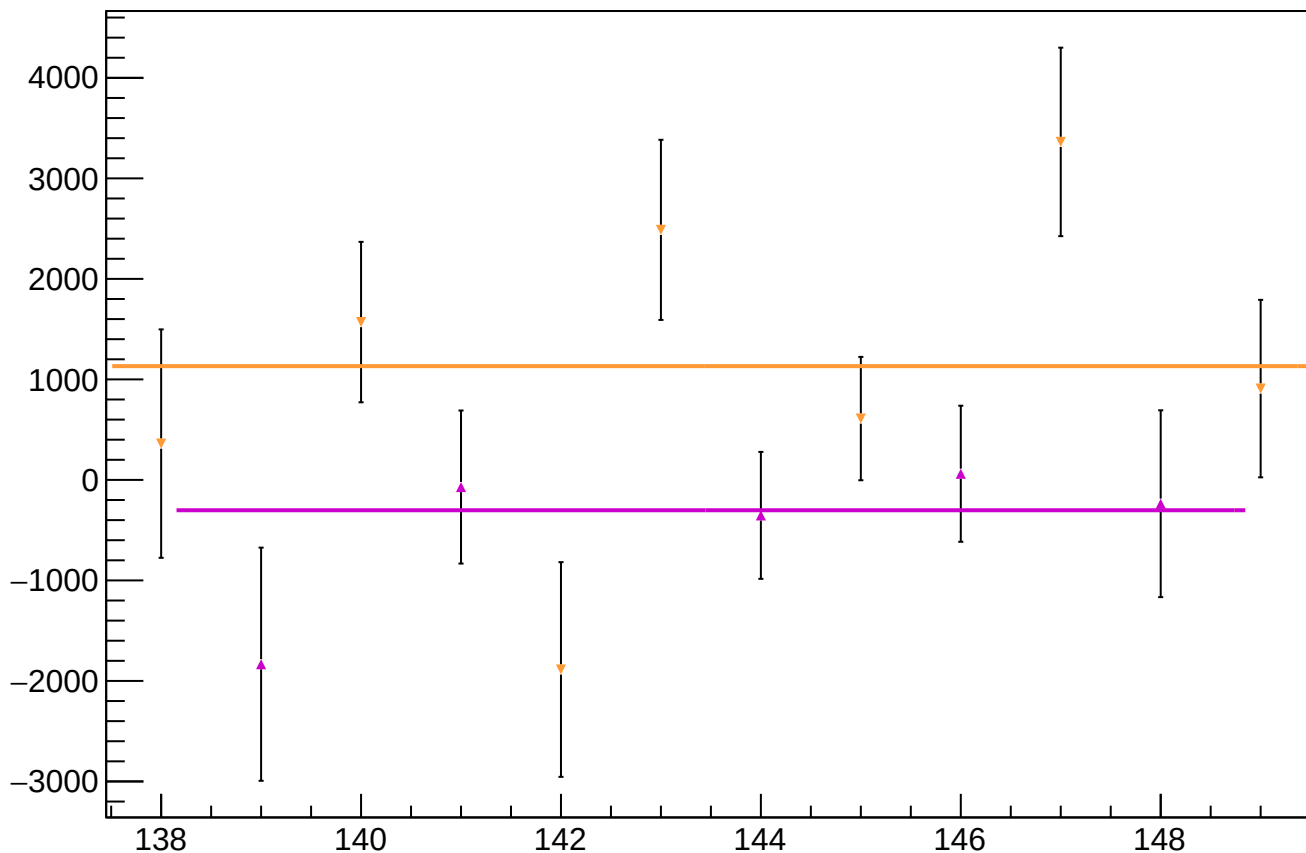
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 648.823+/-0.232 χ^2/NDF : 373262.1/4

Out: 672.328+/-0.218 χ^2/NDF : 348033.1/6

All: 661.334+/-0.159 χ^2/NDF : 726756.4/11

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1131.773+/-323.710 χ^2/NDF : 17.5/6

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

Left In: -301.892+/-346.777 χ^2/NDF : 2.1/4

Left: 464.205+/-236.632 χ^2/NDF : 28.8/11

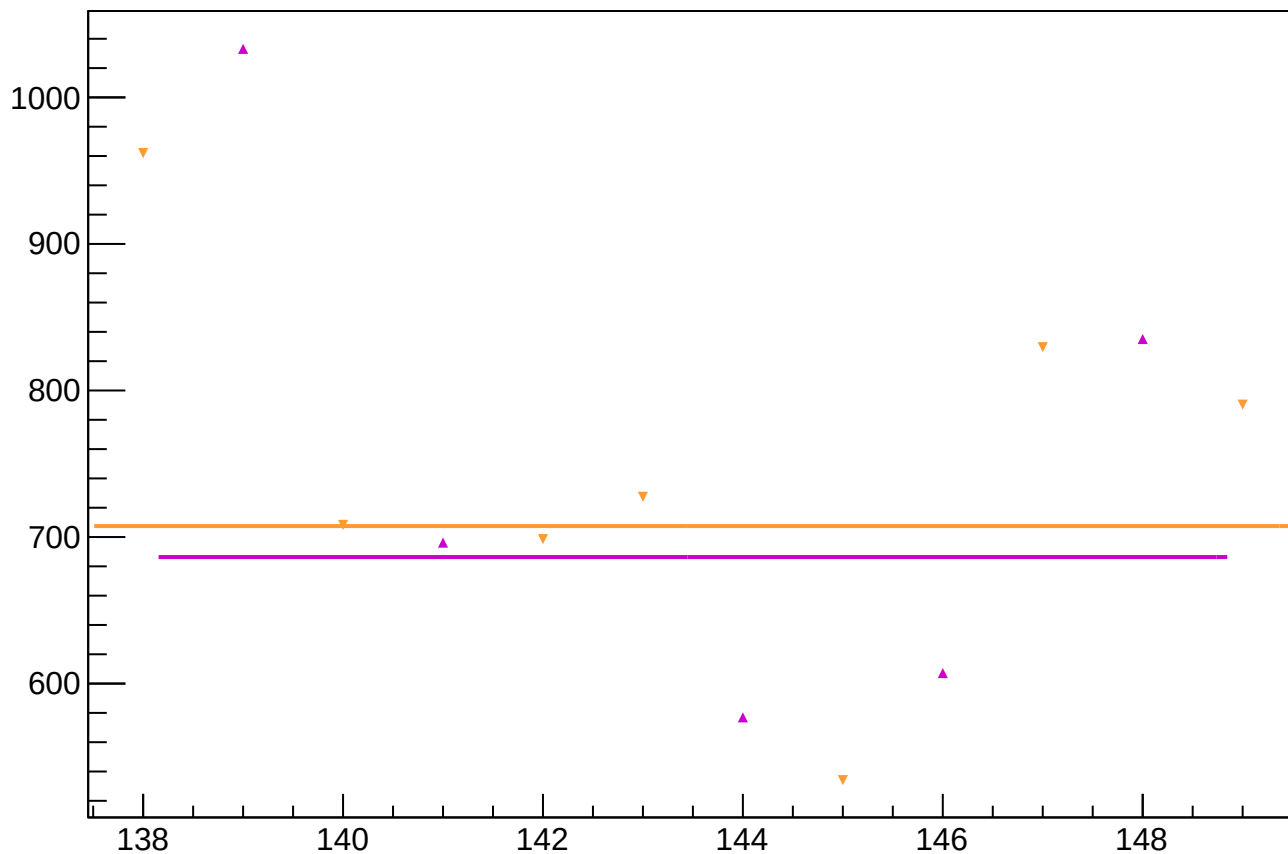
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -301.892+/-346.777 χ^2/NDF : 2.1/4

Out: 1131.773+/-323.710 χ^2/NDF : 17.5/6

All: 464.205+/-236.632 χ^2/NDF : 28.8/11

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 707.486+/-0.229 χ^2/NDF :312683.7/6

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

Left In: 686.345+/-0.245 χ^2/NDF :317675.3/4

Left: 697.642+/-0.167 χ^2/NDF : 634330.9/11

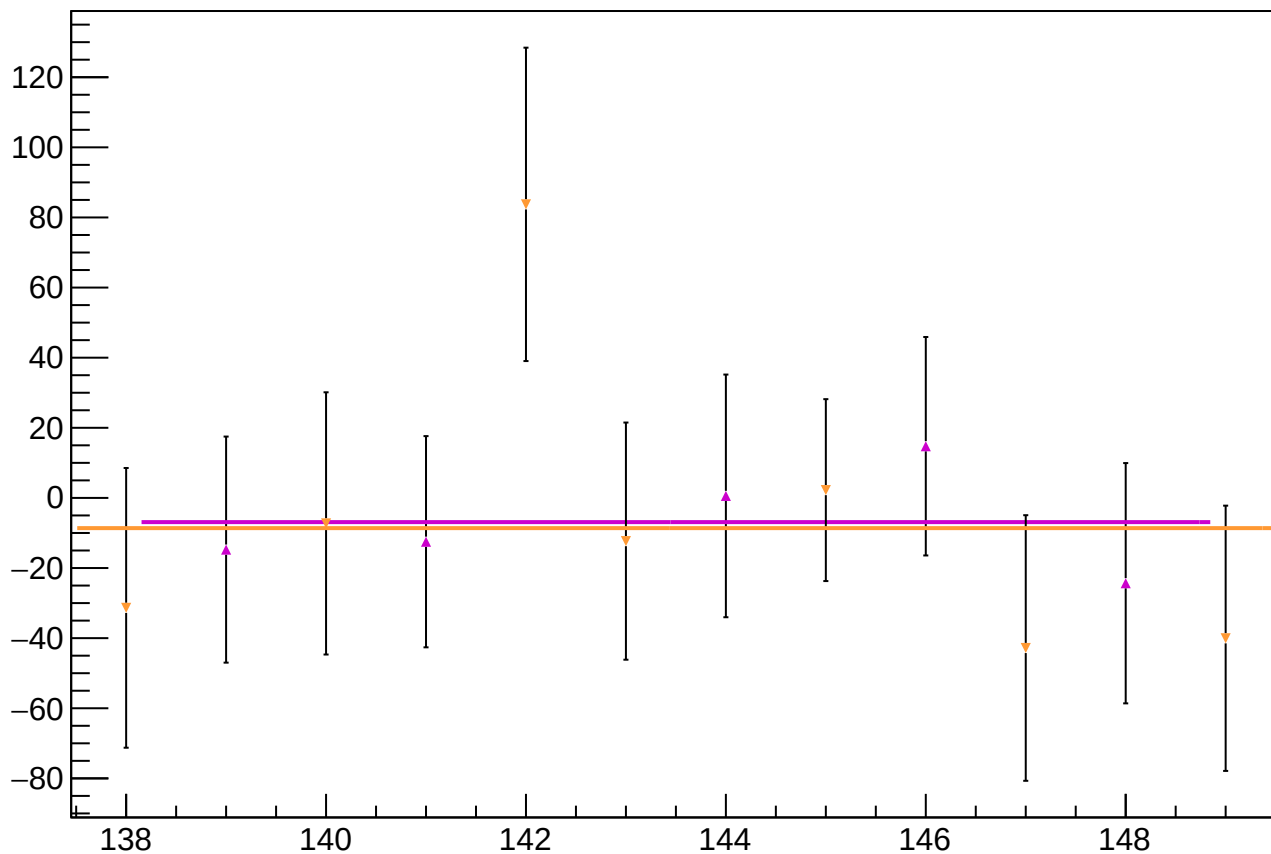
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 686.345+/-0.245 χ^2/NDF :317675.3/4

Out: 707.486+/-0.229 χ^2/NDF :312683.7/6

All: 697.642+/-0.167 χ^2/NDF : 634330.9/11

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: -8.618+/-13.364 χ^2/NDF : 6.3/6

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

Left In: -6.904+/-14.464 χ^2/NDF : 0.9/4

Left: -7.829+/-9.816 χ^2/NDF : 7.2/11

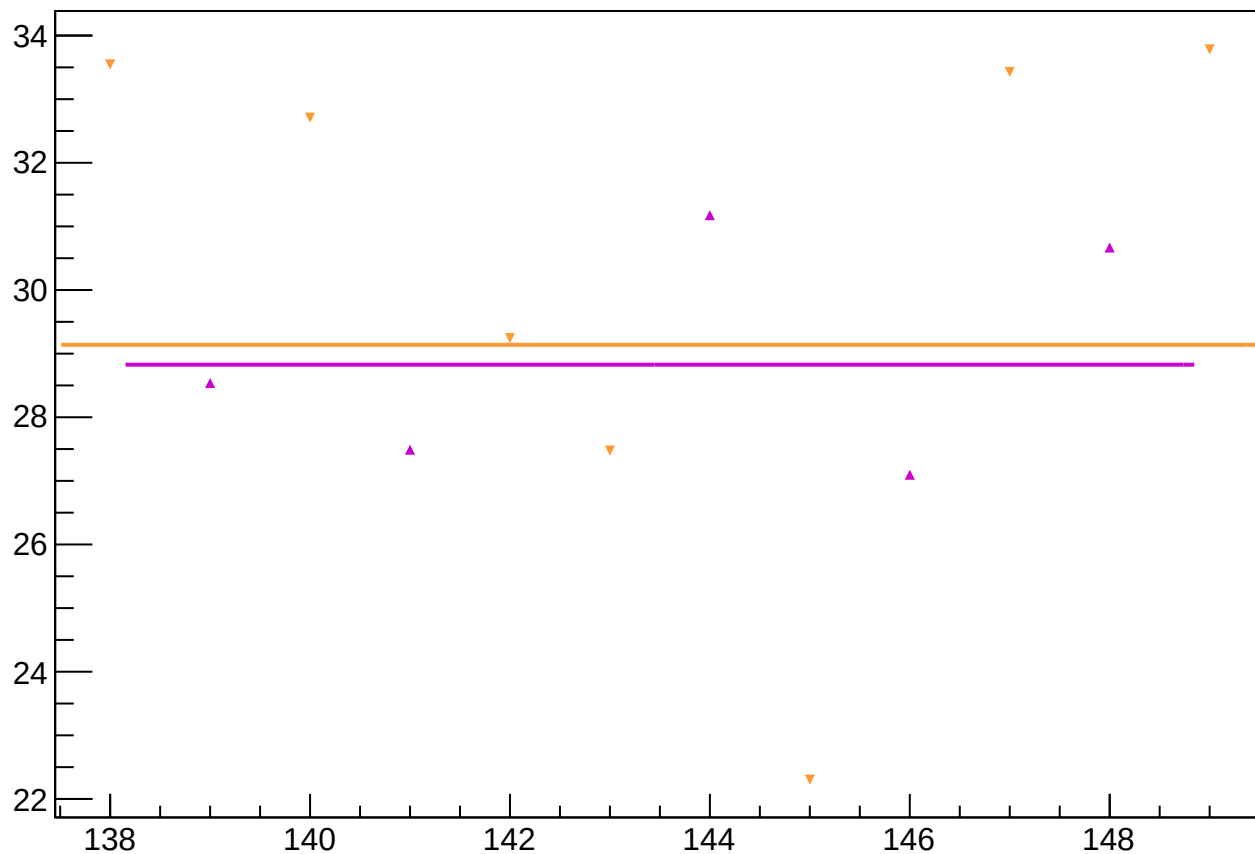
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.904+/-14.464 χ^2/NDF : 0.9/4

Out: -8.618+/-13.364 χ^2/NDF : 6.3/6

All: -7.829+/-9.816 χ^2/NDF : 7.2/11

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: 29.139+/-0.009 χ^2/NDF :242070.5/6

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

Left In: 28.827+/-0.010 χ^2/NDF :25258.6/4

Left: 28.995+/-0.007 χ^2/NDF : 267830.8/11

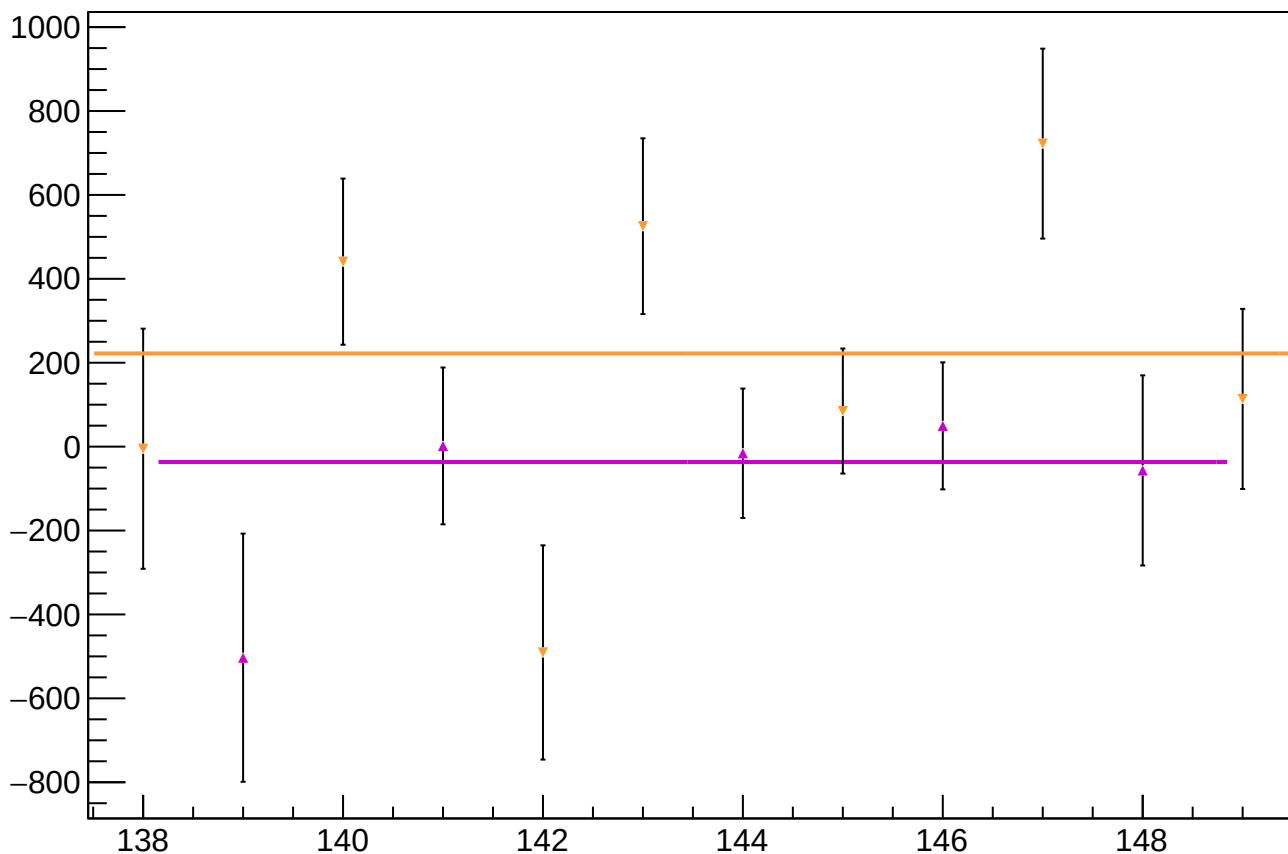
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.827+/-0.010 χ^2/NDF :25258.6/4

Out: 29.139+/-0.009 χ^2/NDF :242070.5/6

All: 28.995+/-0.007 χ^2/NDF : 267830.8/11

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: 222.188 $\pm$ 78.536 χ^2 /NDF:17.7/6

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

Left In: -36.588 $\pm$ 82.999 χ^2 /NDF:2.9/4

Left: 99.944 $\pm$ 57.046 χ^2 /NDF: 25.7/11

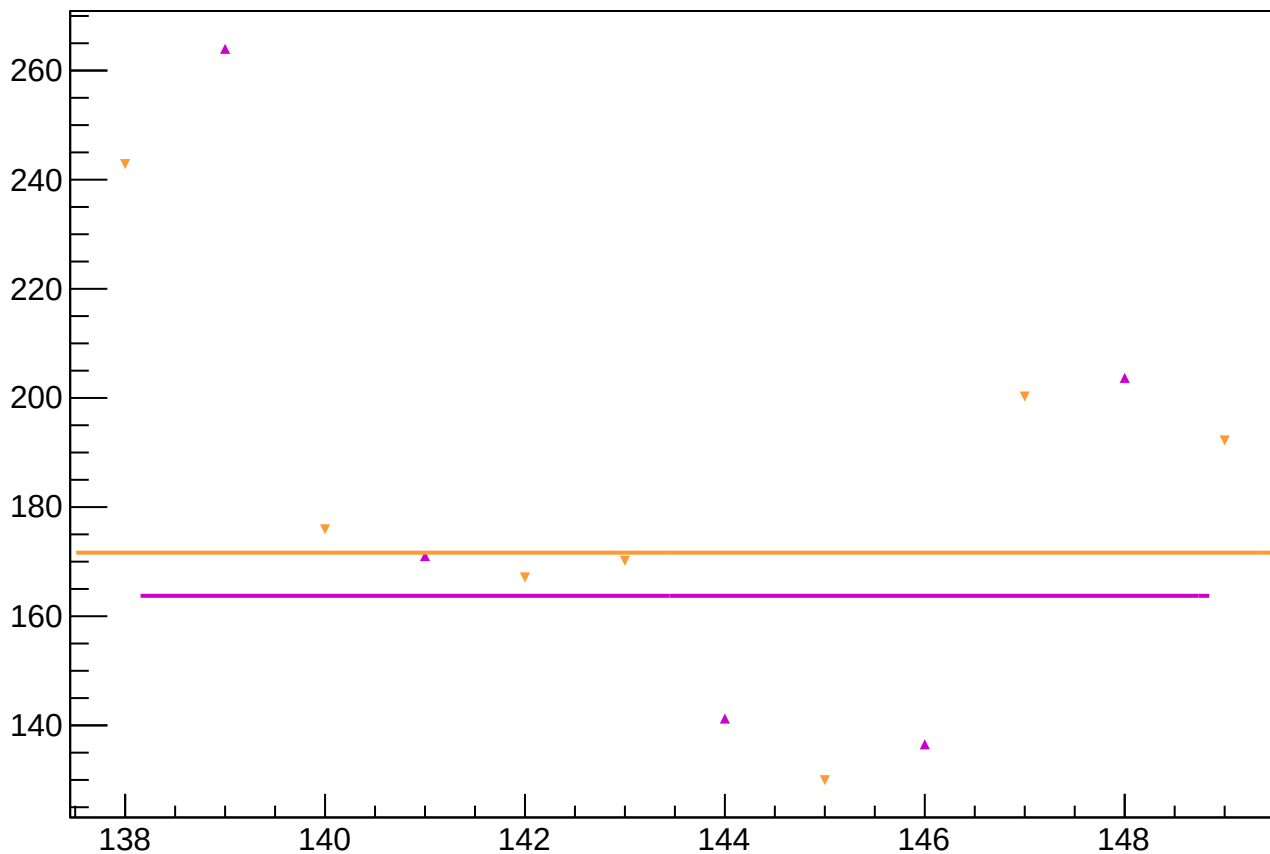
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -36.588 $\pm$ 82.999 χ^2 /NDF:2.9/4

Out: 222.188 $\pm$ 78.536 χ^2 /NDF:17.7/6

All: 99.944 $\pm$ 57.046 χ^2 /NDF: 25.7/11

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: 171.649+/-0.056 χ^2/NDF :332529.9/6

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

Left In: 163.745+/-0.059 χ^2/NDF :401907.7/4

Left: 167.915+/-0.040 χ^2/NDF : 744006.1/11

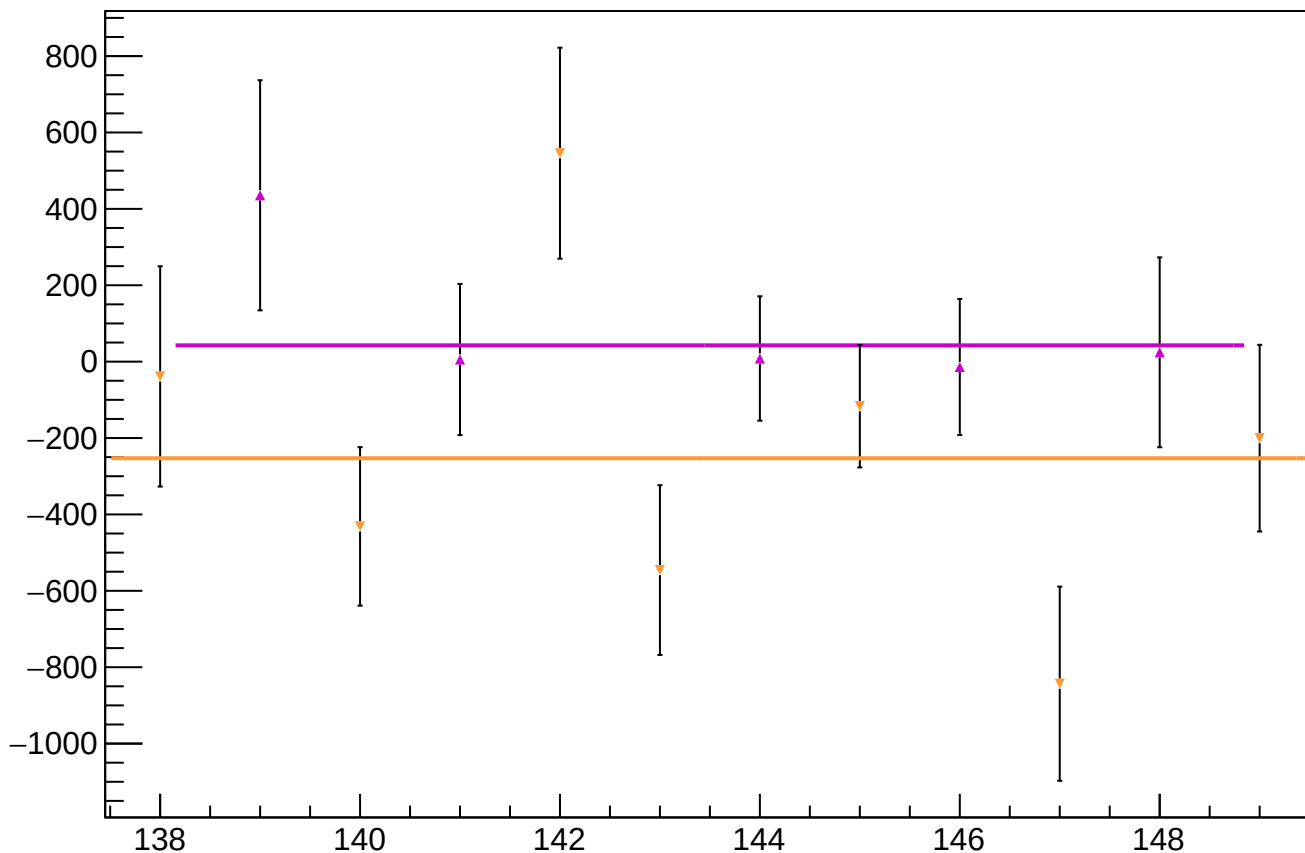
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 163.745+/-0.059 χ^2/NDF :401907.7/4

Out: 171.649+/-0.056 χ^2/NDF :332529.9/6

All: 167.915+/-0.040 χ^2/NDF : 744006.1/11

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -252.840 $\pm$ 84.606 χ^2 /NDF:17.5/6

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

Left In: 42.702 $\pm$ 90.554 χ^2 /NDF:1.9/4

Left: -115.095 $\pm$ 61.821 χ^2 /NDF: 25.1/11

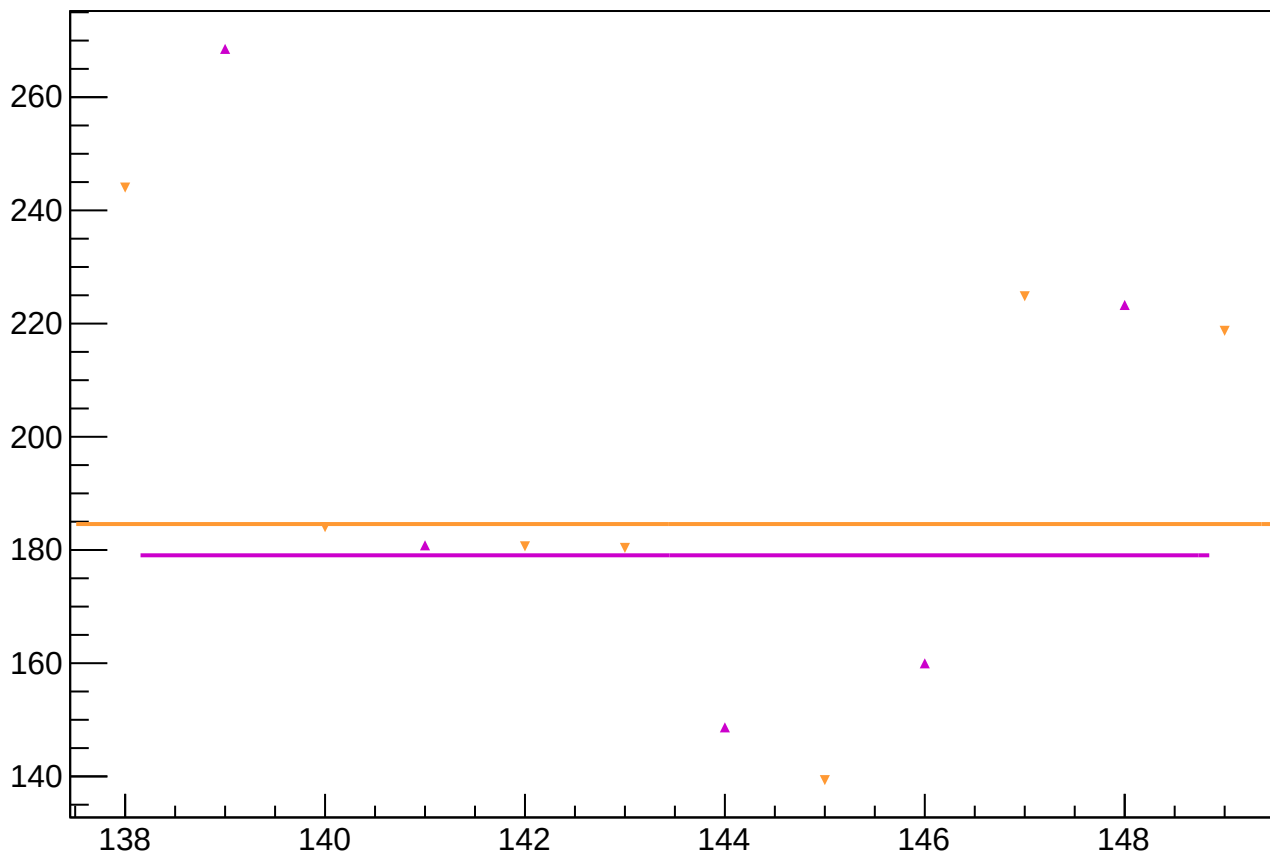
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.702 $\pm$ 90.554 χ^2 /NDF:1.9/4

Out: -252.840 $\pm$ 84.606 χ^2 /NDF:17.5/6

All: -115.095 $\pm$ 61.821 χ^2 /NDF: 25.1/11

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 184.584+/-0.060 χ^2/NDF :334455.9/6

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

Left In: 179.062+/-0.064 χ^2/NDF :332513.8/4

Left: 182.010+/-0.044 χ^2/NDF : 670940.0/11

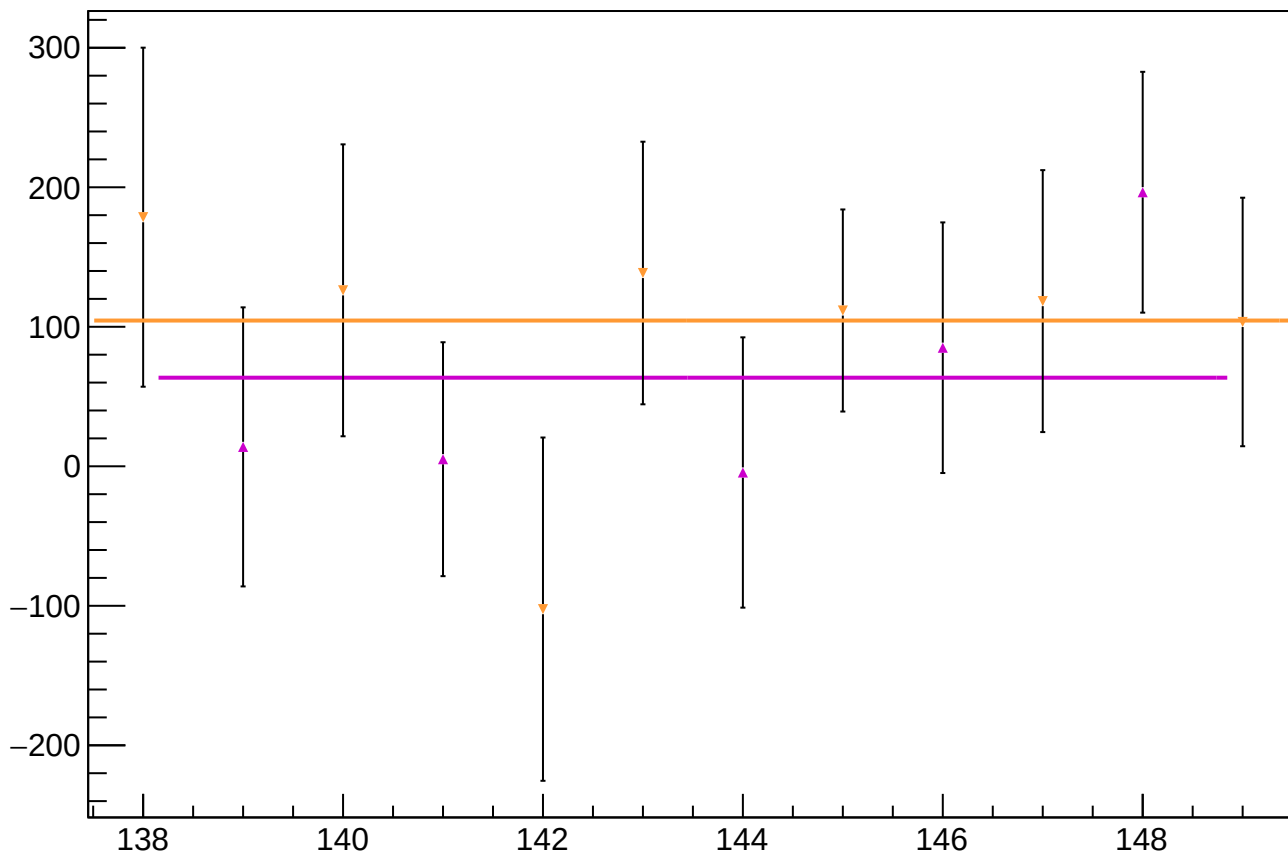
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 179.062+/-0.064 χ^2/NDF :332513.8/4

Out: 184.584+/-0.060 χ^2/NDF :334455.9/6

All: 182.010+/-0.044 χ^2/NDF : 670940.0/11

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 104.472+/-36.081 χ^2/NDF : 3.4/6

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

Left In: 63.505+/-40.590 χ^2/NDF : 3.7/4

Left: 86.390+/-26.967 χ^2/NDF : 7.6/11

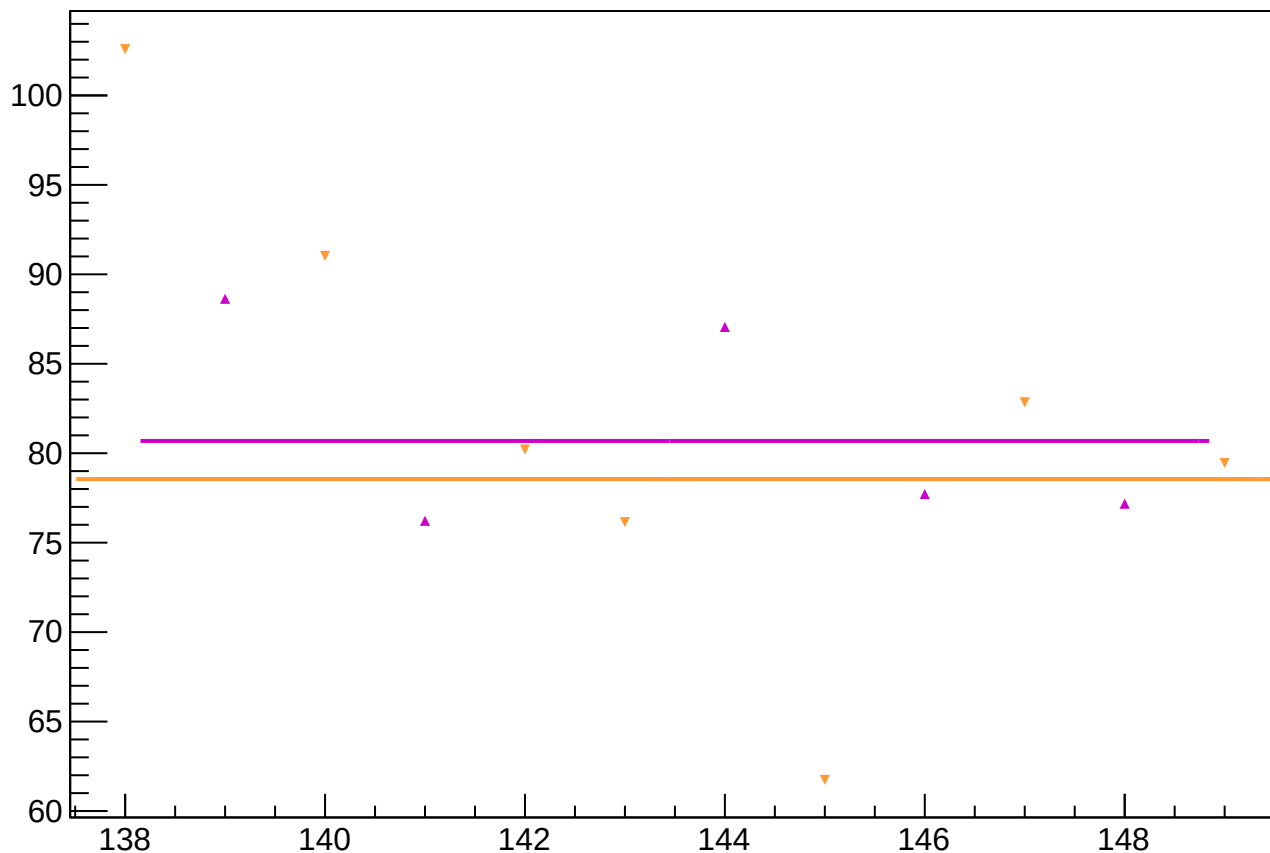
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.505+/-40.590 χ^2/NDF : 3.7/4

Out: 104.472+/-36.081 χ^2/NDF : 3.4/6

All: 86.390+/-26.967 χ^2/NDF : 7.6/11

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 78.553+/-0.026 χ^2/NDF :220489.1/6

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

Left In: 80.686+/-0.029 χ^2/NDF :32440.1/4

Left: 79.495+/-0.019 χ^2/NDF : 256015.6/11

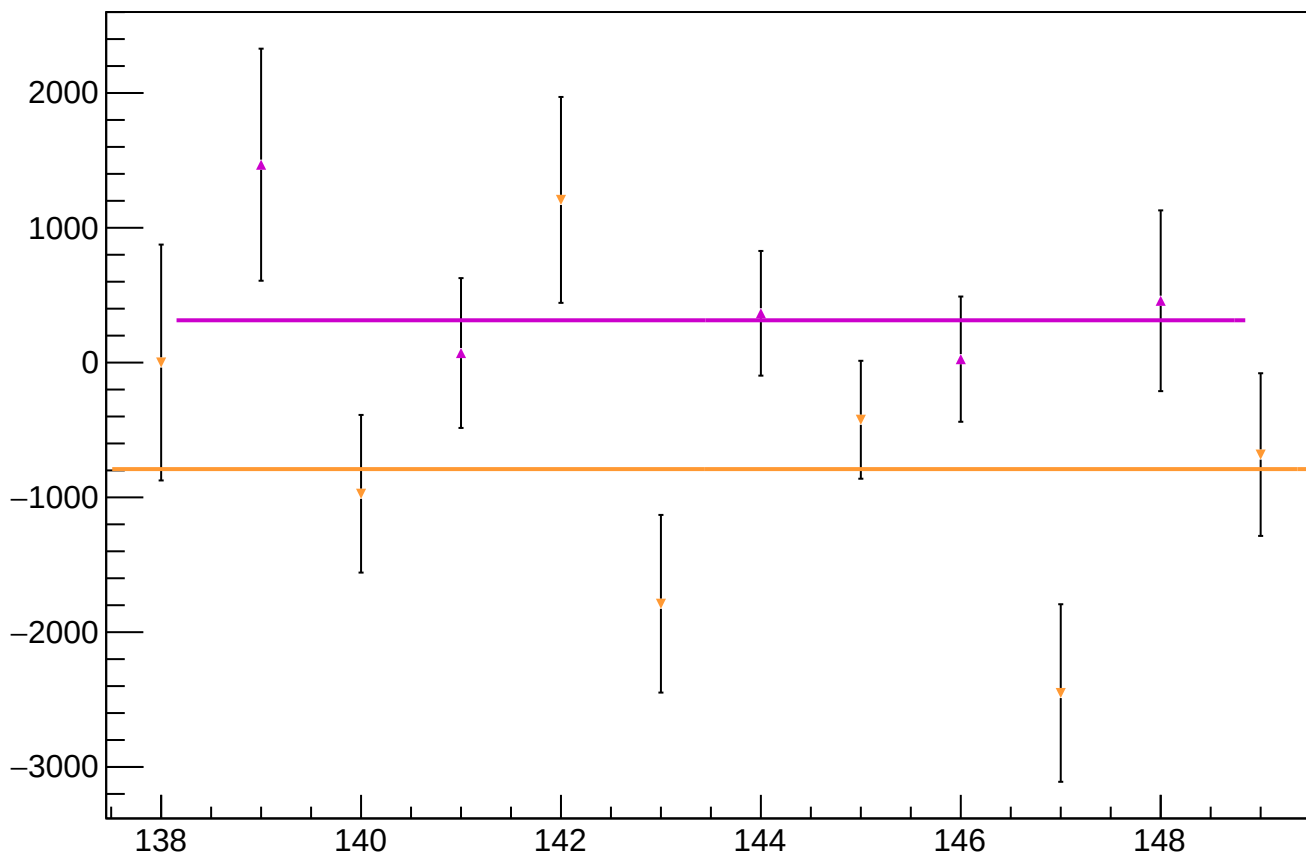
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 80.686+/-0.029 χ^2/NDF :32440.1/4

Out: 78.553+/-0.026 χ^2/NDF :220489.1/6

All: 79.495+/-0.019 χ^2/NDF : 256015.6/11

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -790.183+/-232.338 χ^2/NDF :17.1/6

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

Left In: 313.791+/-249.074 χ^2/NDF :2.4/4

Left: -276.529+/-169.896 χ^2/NDF : 30.1/11

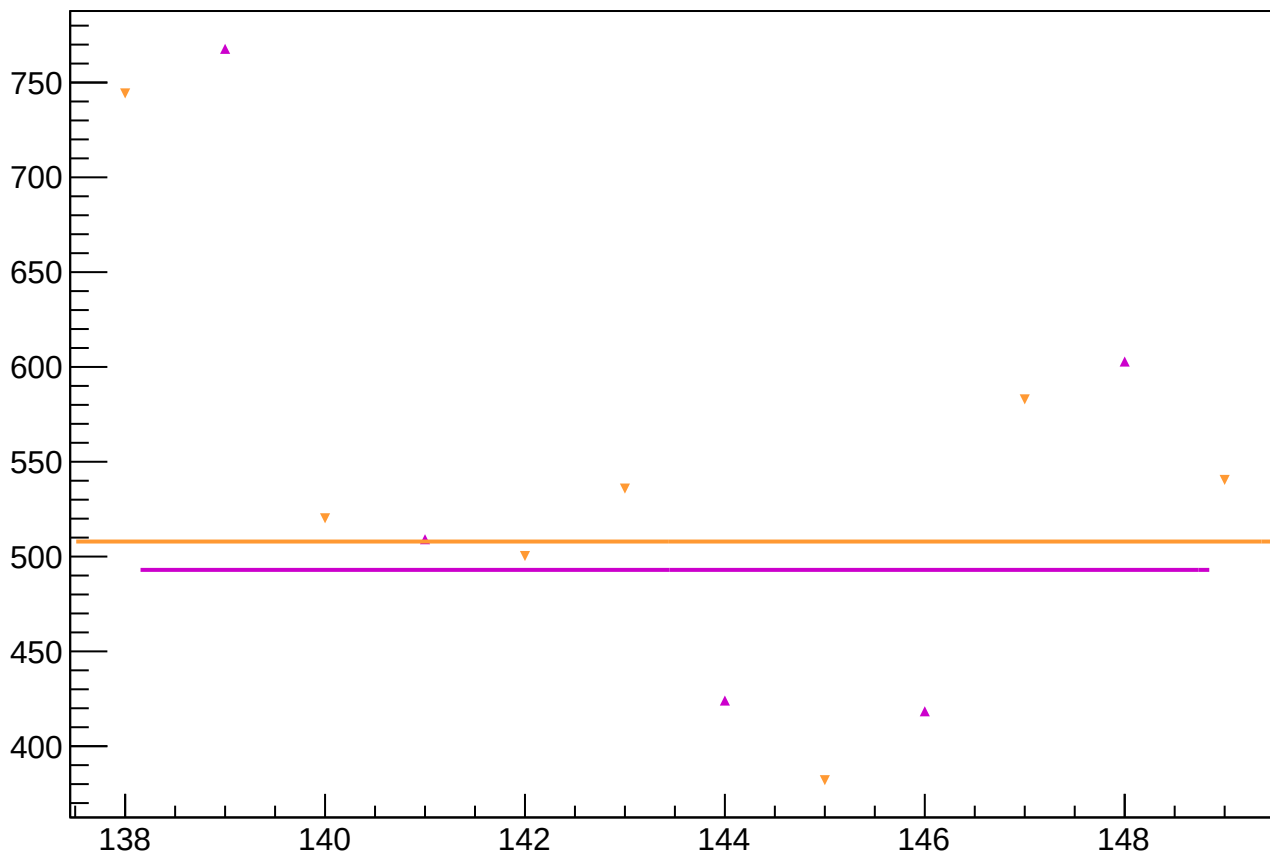
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 313.791+/-249.074 χ^2/NDF :2.4/4

Out: -790.183+/-232.338 χ^2/NDF :17.1/6

All: -276.529+/-169.896 χ^2/NDF : 30.1/11

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 507.929+/-0.164 χ^2/NDF : 347915.3/6

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

Left In: 492.979+/-0.176 χ^2/NDF : 355148.1/4

Left: 500.973+/-0.120 χ^2/NDF : 706916.1/11

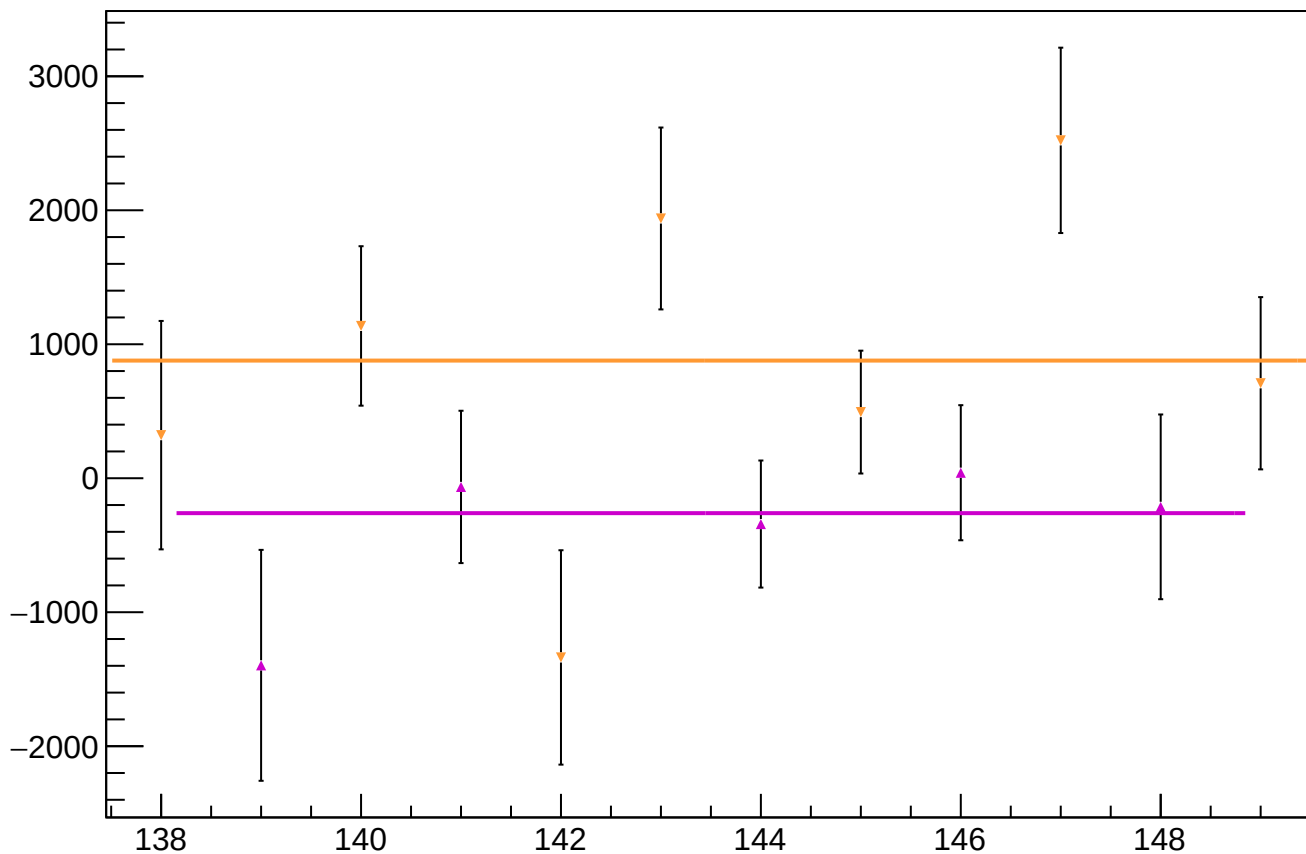
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 492.979+/-0.176 χ^2/NDF : 355148.1/4

Out: 507.929+/-0.164 χ^2/NDF : 347915.3/6

All: 500.973+/-0.120 χ^2/NDF : 706916.1/11

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 878.158+/-241.113 χ^2/NDF :17.1/6

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

Left In: -260.579+/-258.833 χ^2/NDF :2.2/4

Left: 349.101+/-176.425 χ^2/NDF : 29.8/11

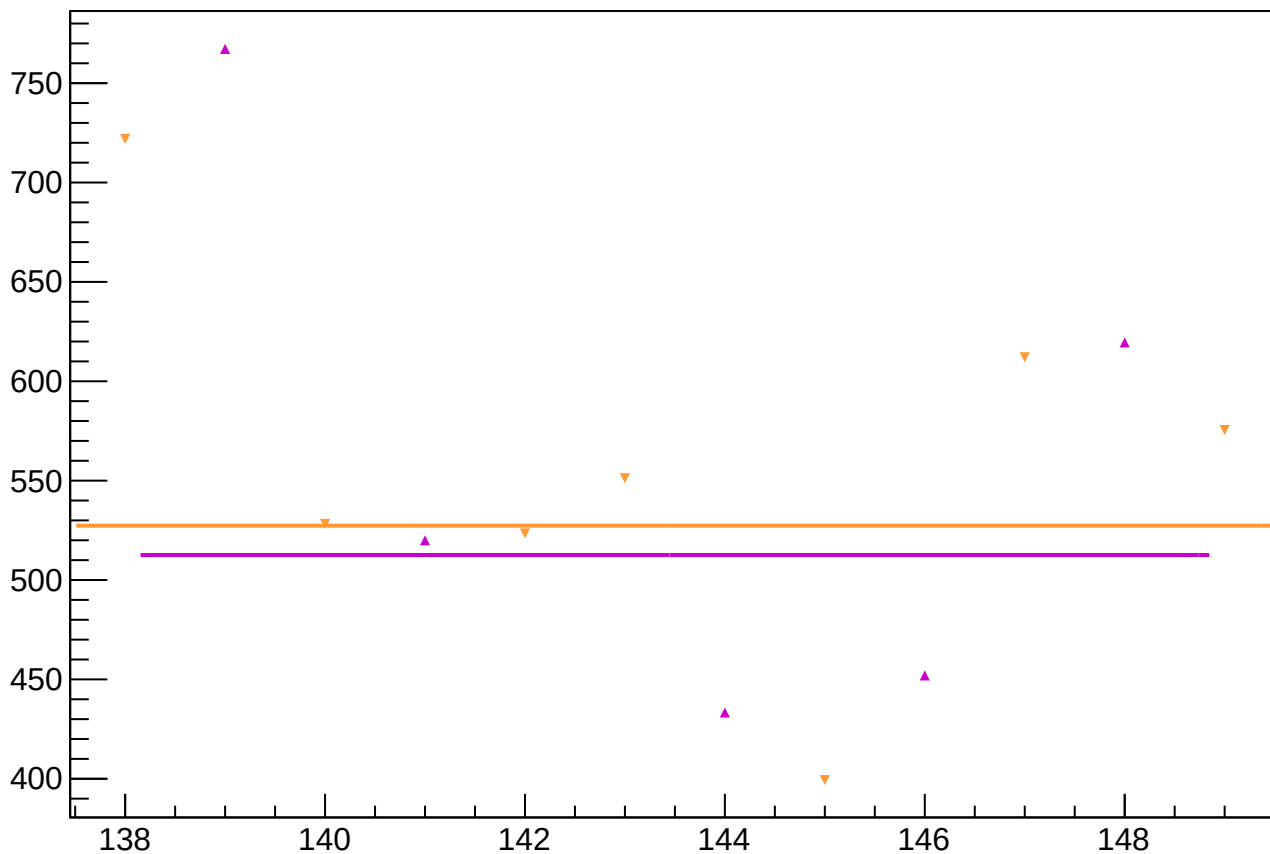
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.579+/-258.833 χ^2/NDF :2.2/4

Out: 878.158+/-241.113 χ^2/NDF :17.1/6

All: 349.101+/-176.425 χ^2/NDF : 29.8/11

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 527.357+/-0.170 χ^2/NDF :304003.8/6

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

Left In: 512.590+/-0.183 χ^2/NDF :307861.5/4

Left: 520.496+/-0.125 χ^2/NDF : 615350.5/11

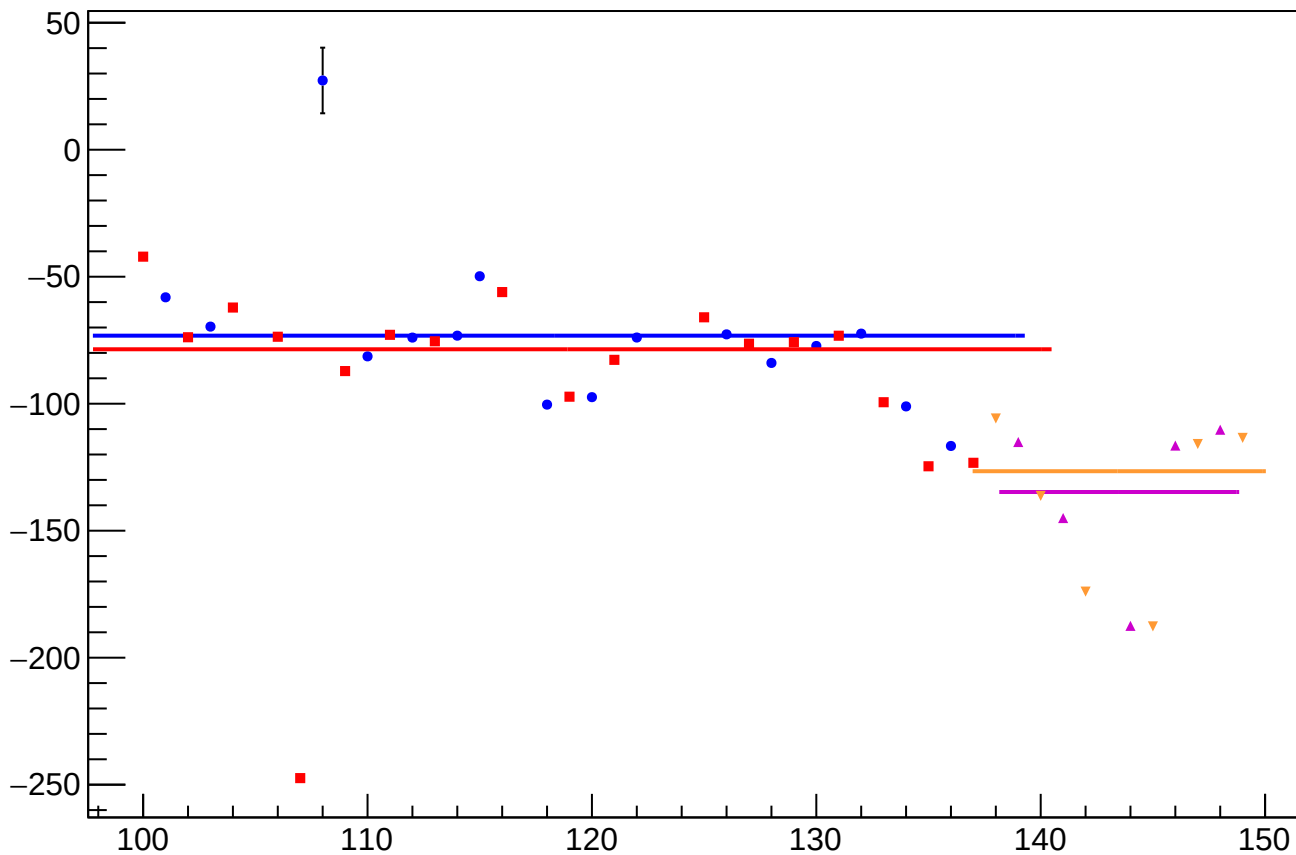
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 512.590+/-0.183 χ^2/NDF :307861.5/4

Out: 527.357+/-0.170 χ^2/NDF :304003.8/6

All: 520.496+/-0.125 χ^2/NDF : 615350.5/11

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -73.209 ± 0.000 $\chi^2/\text{NDF}: 127655.5/15$

Left Out: -126.578 ± 0.160 $\chi^2/\text{NDF}: 16325.3/5$

Right Out: -78.570 ± 0.093 $\chi^2/\text{NDF}: 52084.9/17$

Left In: -134.764 ± 0.128 $\chi^2/\text{NDF}: 25163.6/4$

Left: -131.594 ± 0.100 $\chi^2/\text{NDF}: 43084.0/10$

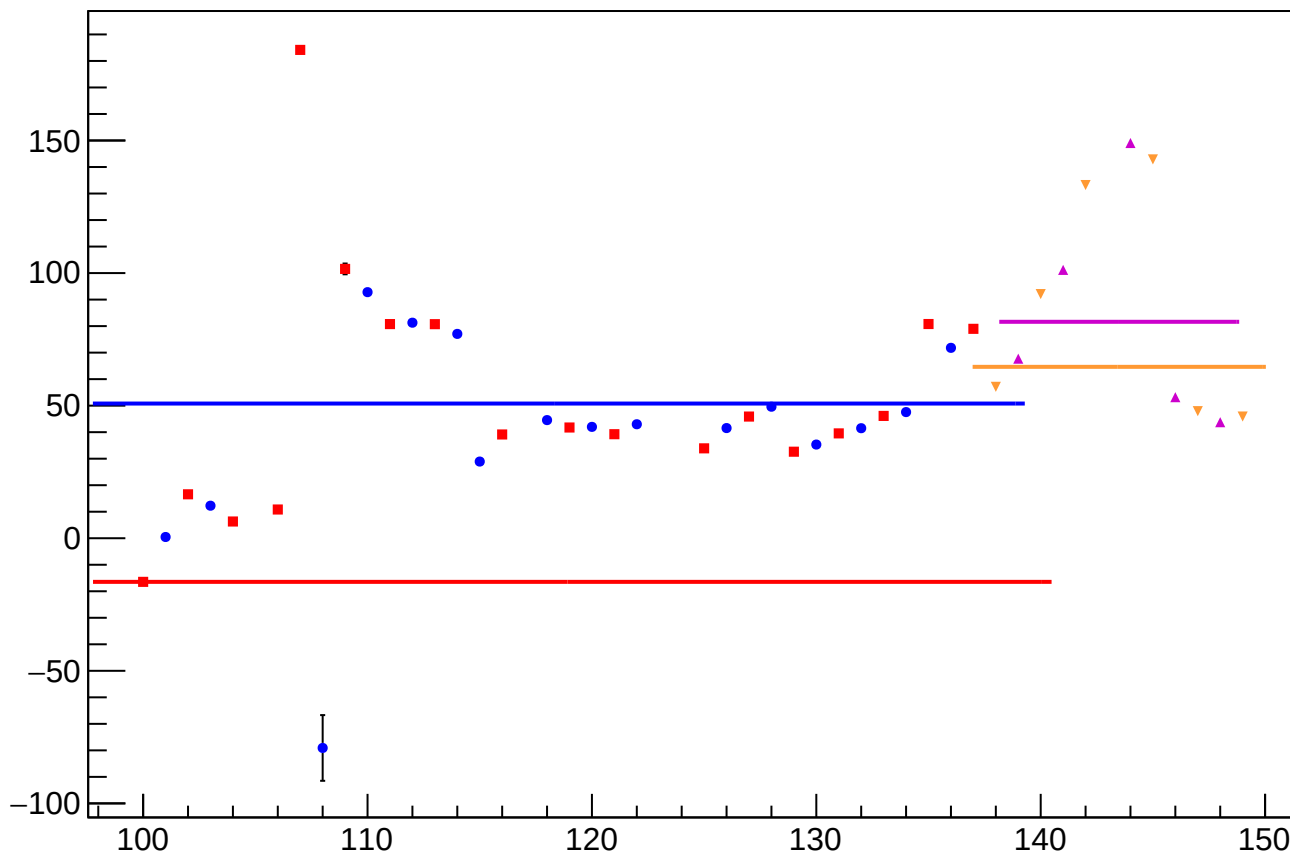
Right: -73.209 ± 0.000 $\chi^2/\text{NDF}: 183067.5/33$

In: -73.209 ± 0.000 $\chi^2/\text{NDF}: 385704.2/20$

Out: -90.630 ± 0.080 $\chi^2/\text{NDF}: 135449.7/23$

All: -73.209 ± 0.000 $\chi^2/\text{NDF}: 568081.5/44$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 50.796 ± 0.074 χ^2/NDF : 89943.6/15

Left Out: 64.640 ± 0.149 χ^2/NDF : 31014.5/5

Right Out: -16.452 ± 0.000 χ^2/NDF : 455268.5/17

Left In: 81.626 ± 0.126 χ^2/NDF : 53695.1/4

Left: 74.555 ± 0.096 χ^2/NDF : 92326.7/10

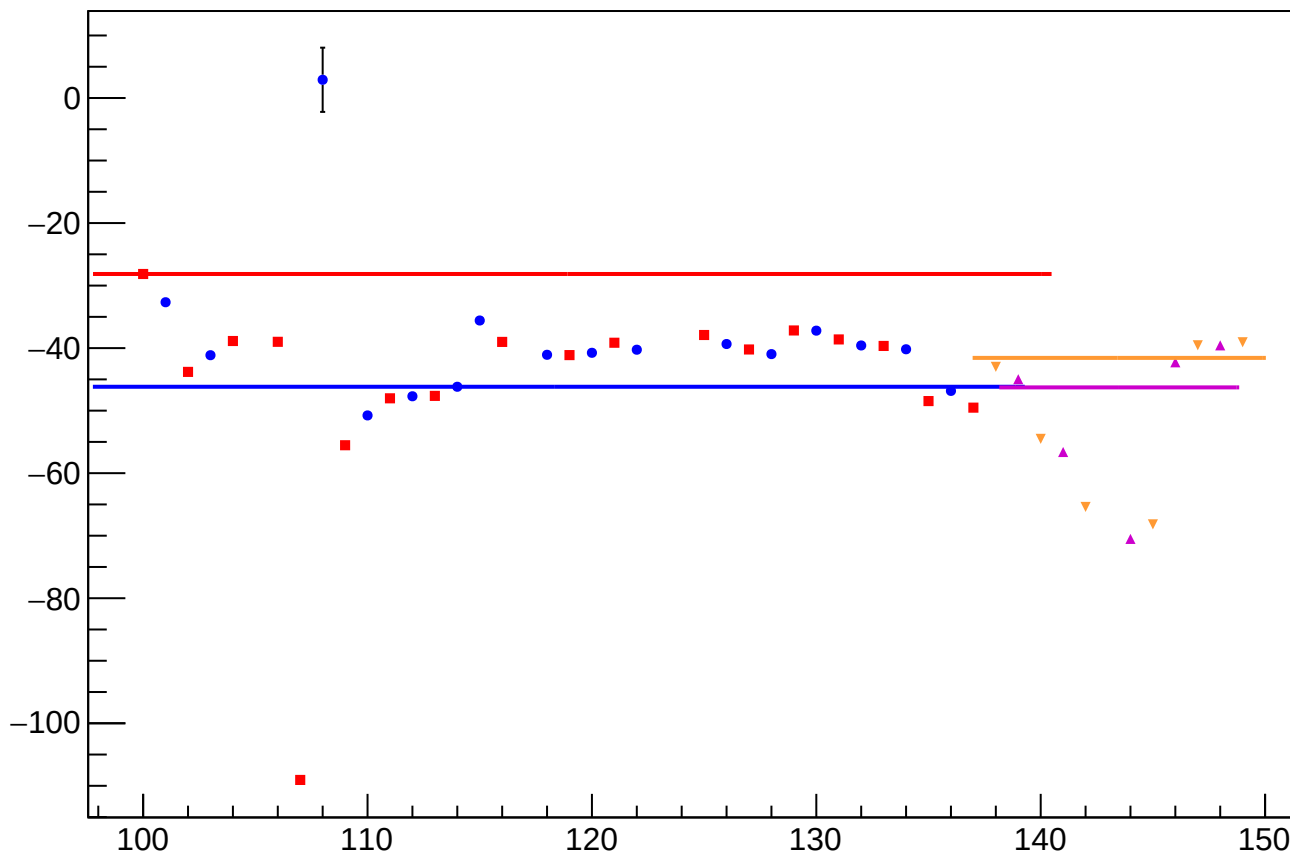
Right: -16.452 ± 0.000 χ^2/NDF : 1366073.0/33

In: 58.778 ± 0.064 χ^2/NDF : 188308.9/20

Out: -16.452 ± 0.000 χ^2/NDF : 783680.7/23

All: -16.452 ± 0.000 χ^2/NDF : 2358194.0/44

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.180+/-0.000 χ^2/NDF : 472878.7/15

Left Out: -41.563+/-0.016 χ^2/NDF : 63474.2/5

Right Out: -28.144+/-0.000 χ^2/NDF : 717935.6/17

Left In: -46.281+/-0.028 χ^2/NDF : 95223.5/4

Left: -42.688+/-0.014 χ^2/NDF : 180066.5/10

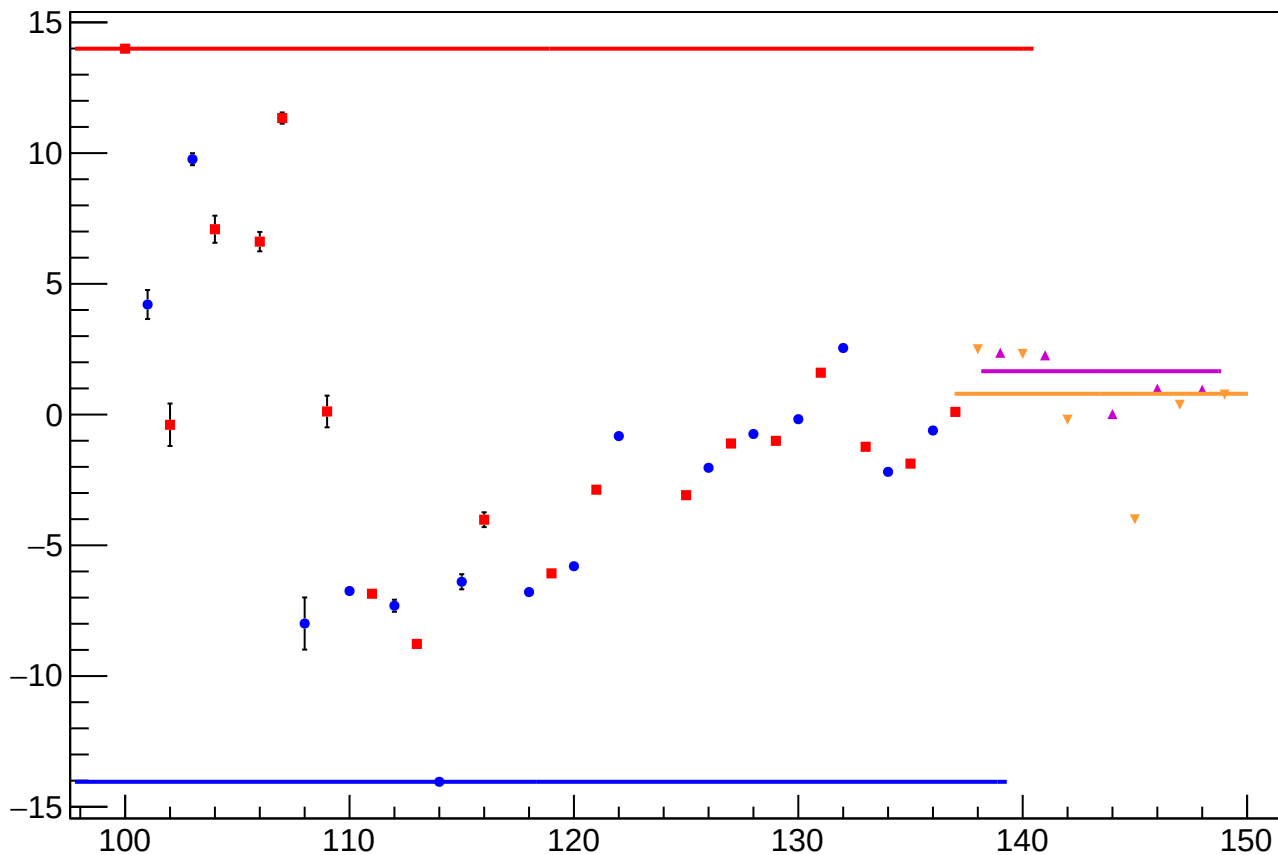
Right: -33.813+/-0.000 χ^2/NDF : 539977182263583

In: -46.180+/-0.000 χ^2/NDF : 568115.2/20

Out: -28.144+/-0.000 χ^2/NDF : 1506320.9/23

All: -33.813+/-0.000 χ^2/NDF : 539977182263

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -14.044 ± 0.000 χ^2/NDF : 759846.3/15

Left Out: 0.796 ± 0.017 χ^2/NDF : 5235.0/5

Right Out: 13.994 ± 0.000 χ^2/NDF : 389892.9/17

Left In: 1.659 ± 0.016 χ^2/NDF : 1999.3/4

Left: 1.254 ± 0.012 χ^2/NDF : 8574.5/10

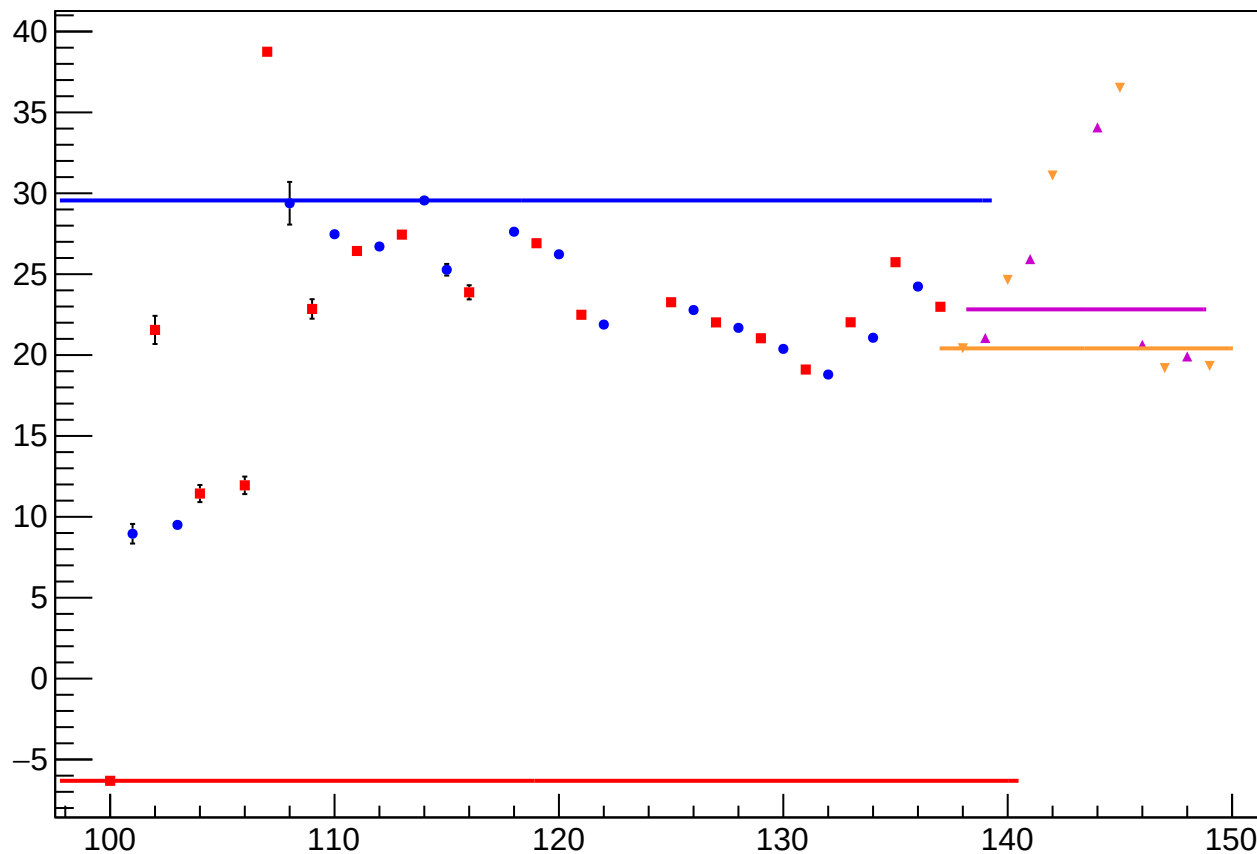
Right: 5.182 ± 0.000 χ^2/NDF : 46979633245184581

In: -14.044 ± 0.000 χ^2/NDF : 1707293.7/20

Out: 13.994 ± 0.000 χ^2/NDF : 986215.4/23

All: 5.182 ± 0.000 χ^2/NDF : 46979633245184

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 29.557 $\pm$ 0.000 χ^2 /NDF: 88755.1/15

Left Out: 20.413 $\pm$ 0.024 χ^2 /NDF: 16264.9/5

Right Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 1630502.4/17

Left In: 22.824 $\pm$ 0.025 χ^2 /NDF: 18402.5/4

Left: 21.552 $\pm$ 0.017 χ^2 /NDF: 39523.7/10

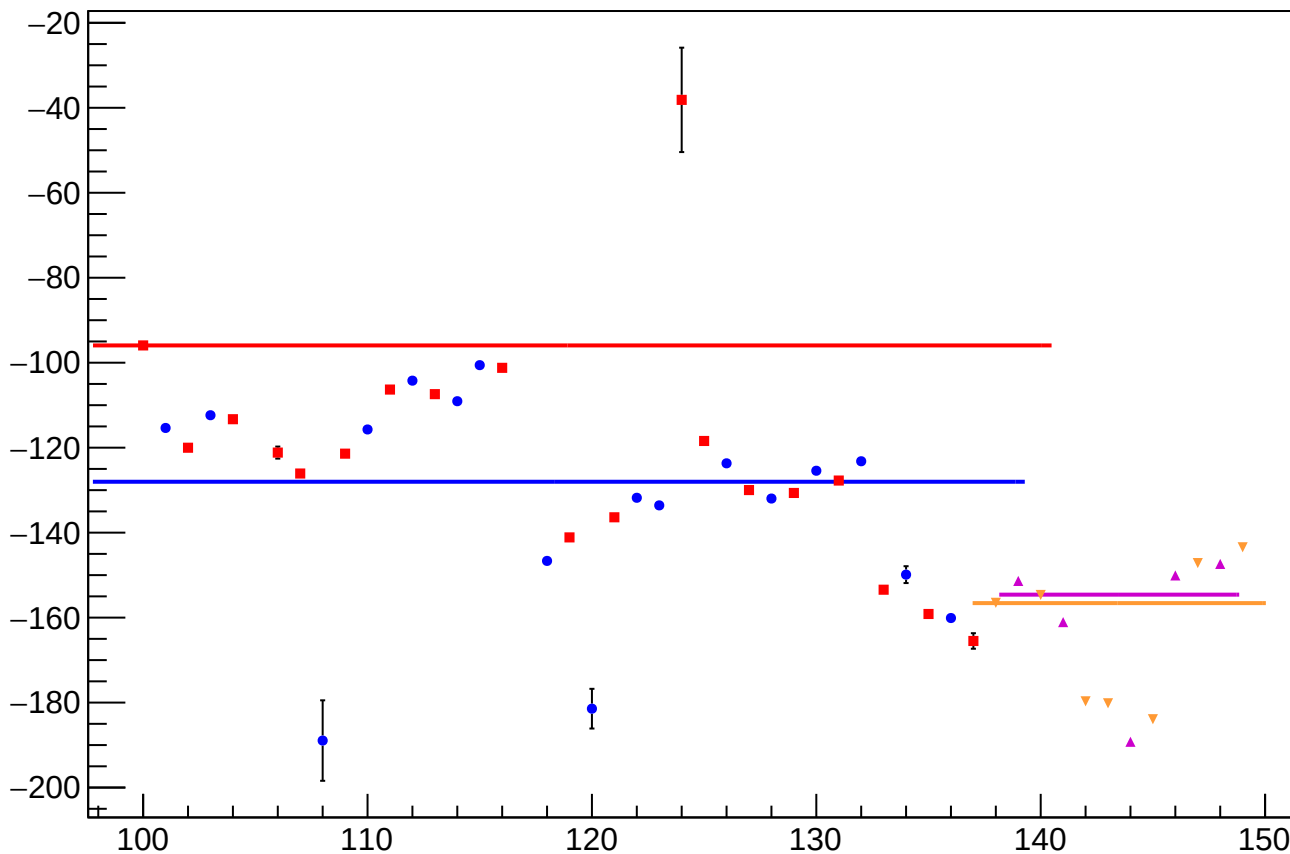
Right: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398160

In: 29.557 $\pm$ 0.000 χ^2 /NDF: 178885.4/20

Out: -6.317 $\pm$ 0.000 χ^2 /NDF: 2910379.4/23

All: -2.629 $\pm$ 0.000 χ^2 /NDF: 1006300357398

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -128.021 ± 0.098 χ^2/NDF : 38162.5/16

Left Out: -156.586 ± 0.099 χ^2/NDF : 18484.8/6

Right Out: -95.934 ± 0.000 χ^2/NDF : 168284.2/18

Left In: -154.595 ± 0.097 χ^2/NDF : 13315.2/4

Left: -155.573 ± 0.069 χ^2/NDF : 32006.0/11

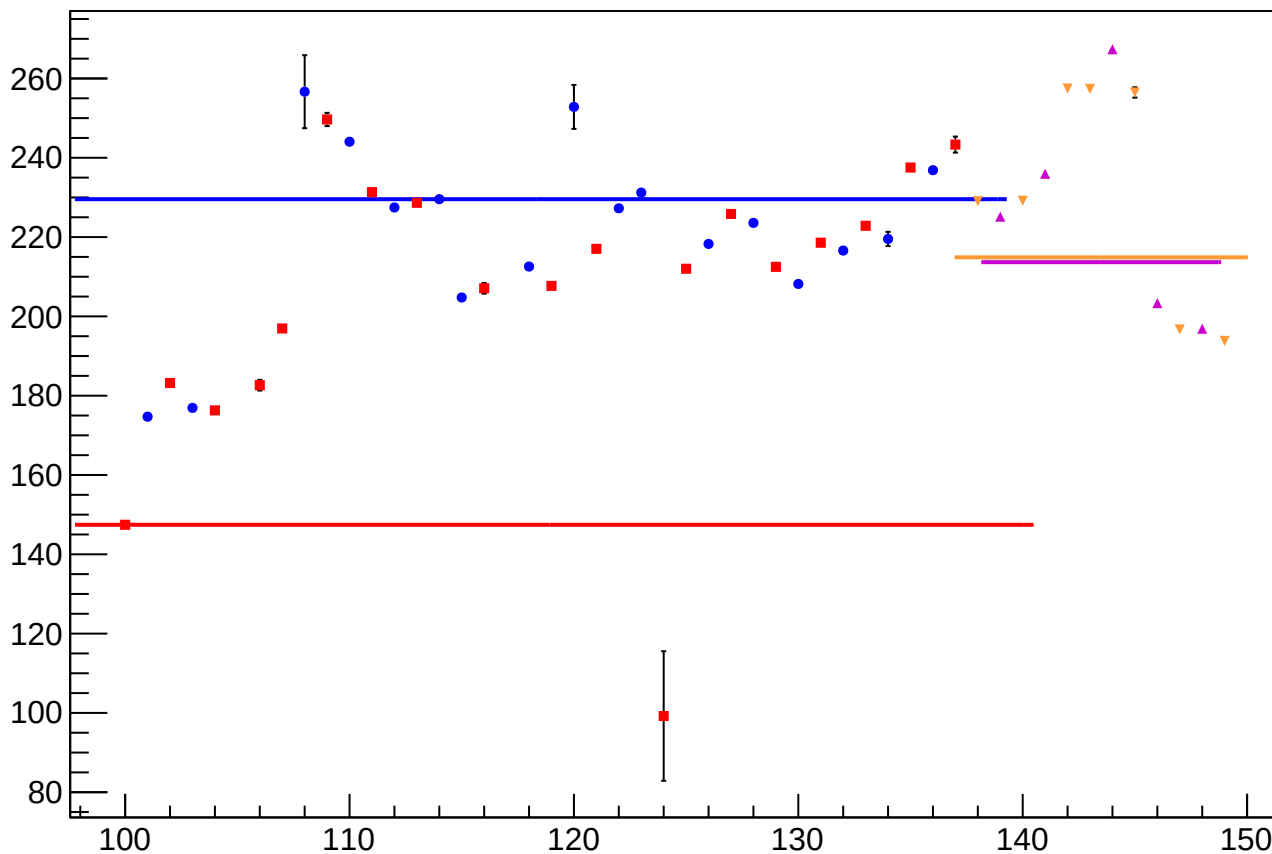
Right: -95.934 ± 0.000 χ^2/NDF : 313037.7/35

In: -141.446 ± 0.069 χ^2/NDF : 88412.1/21

Out: -95.934 ± 0.000 χ^2/NDF : 562555.7/25

All: -95.934 ± 0.000 χ^2/NDF : 1084339.8/47

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 229.560 $\pm$ 0.000 χ^2 /NDF: 37813.1/16

Left Out: 214.887 $\pm$ 0.089 χ^2 /NDF: 74652.5/6

Right Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 546753.3/18

Left In: 213.677 $\pm$ 0.091 χ^2 /NDF: 48827.4/4

Left: 214.296 $\pm$ 0.064 χ^2 /NDF: 123570.2/11

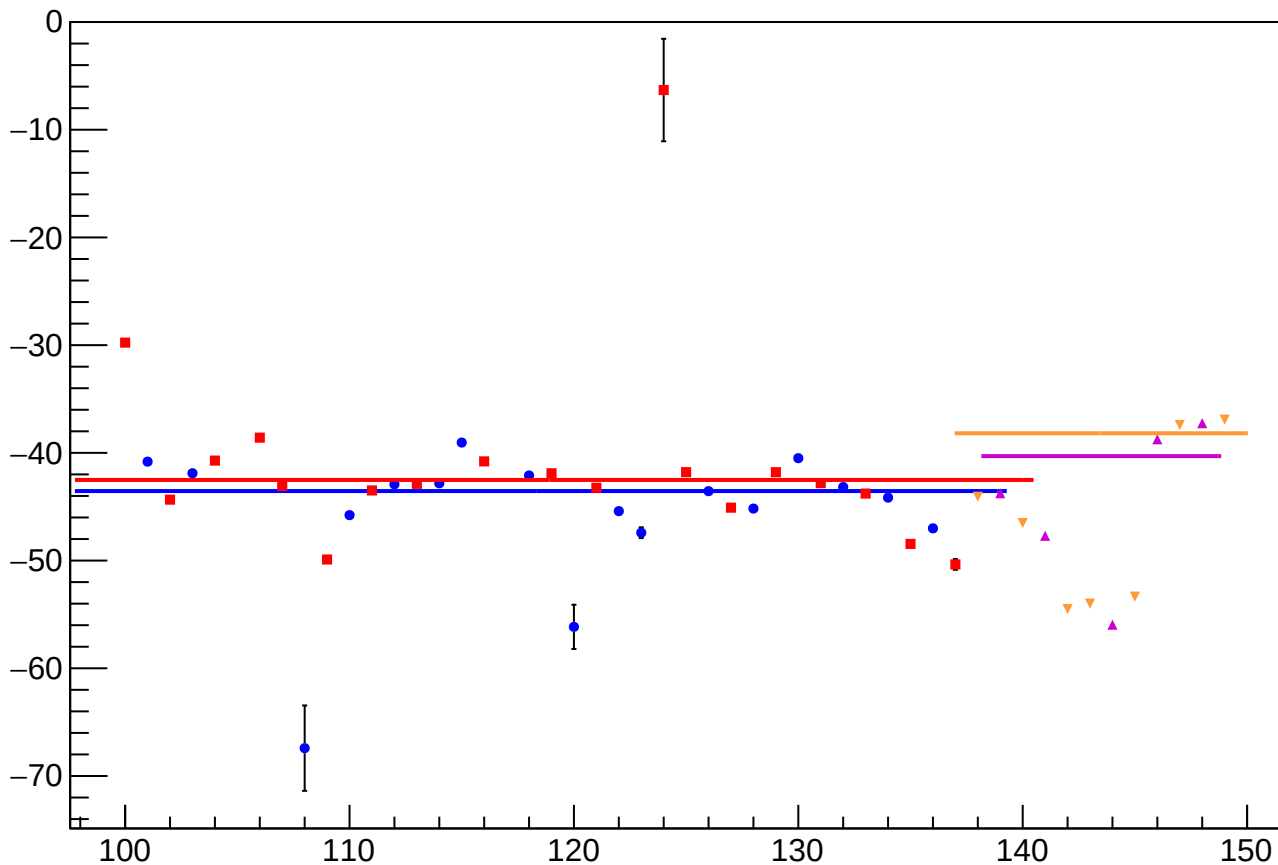
Right: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293311

In: 229.560 $\pm$ 0.000 χ^2 /NDF: 116997.9/21

Out: 147.445 $\pm$ 0.000 χ^2 /NDF: 1195075.5/25

All: 173.253 $\pm$ 0.000 χ^2 /NDF: 157405034293

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -43.546 ± 0.023 $\chi^2/\text{NDF}: 12997.3/16$

Left Out: -38.180 ± 0.007 $\chi^2/\text{NDF}: 221363.3/6$

Right Out: -42.515 ± 0.021 $\chi^2/\text{NDF}: 7216.9/18$

Left In: -40.306 ± 0.014 $\chi^2/\text{NDF}: 91961.3/4$

Left: -38.633 ± 0.006 $\chi^2/\text{NDF}: 332063.6/11$

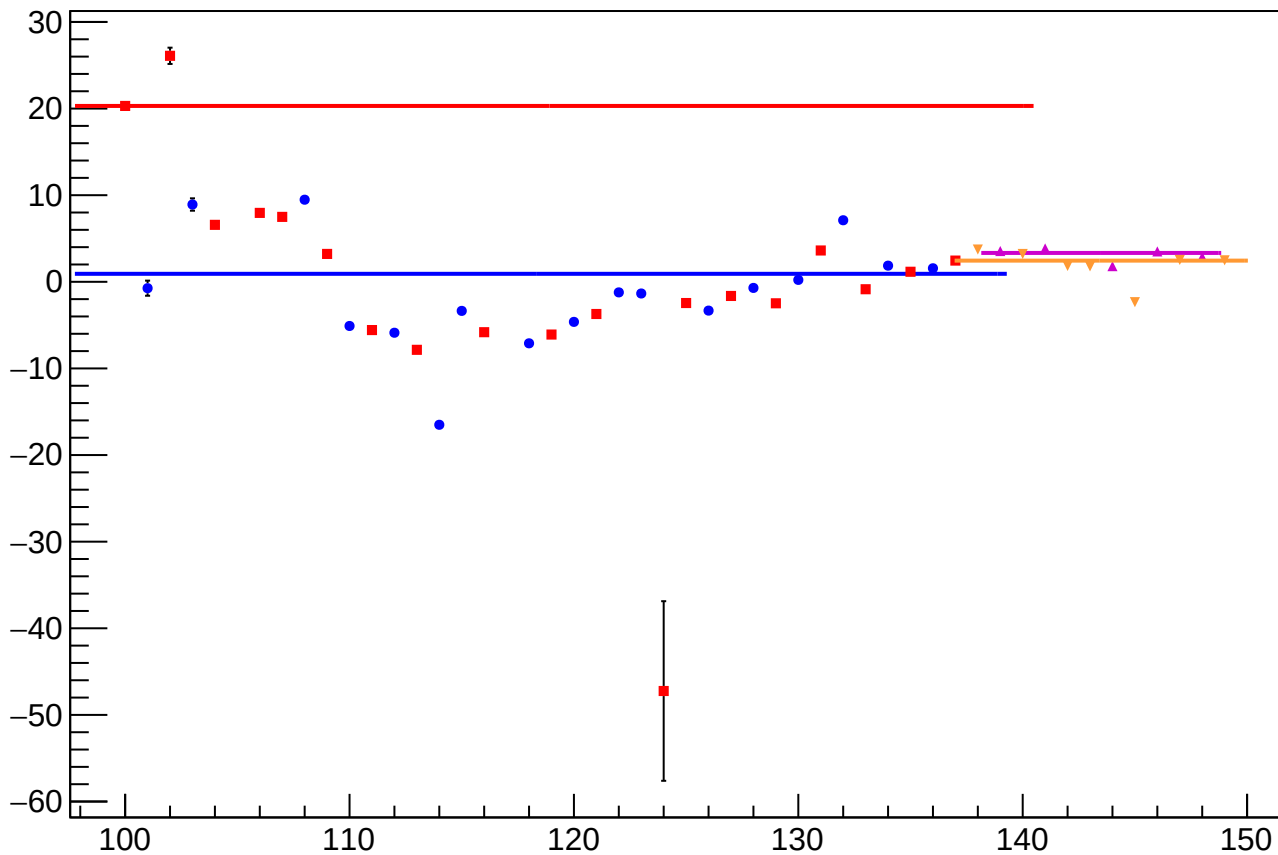
Right: -42.980 ± 0.015 $\chi^2/\text{NDF}: 21321.7/35$

In: -41.162 ± 0.012 $\chi^2/\text{NDF}: 119599.6/21$

Out: -38.640 ± 0.007 $\chi^2/\text{NDF}: 267345.8/25$

All: -39.265 ± 0.006 $\chi^2/\text{NDF}: 421258.0/47$

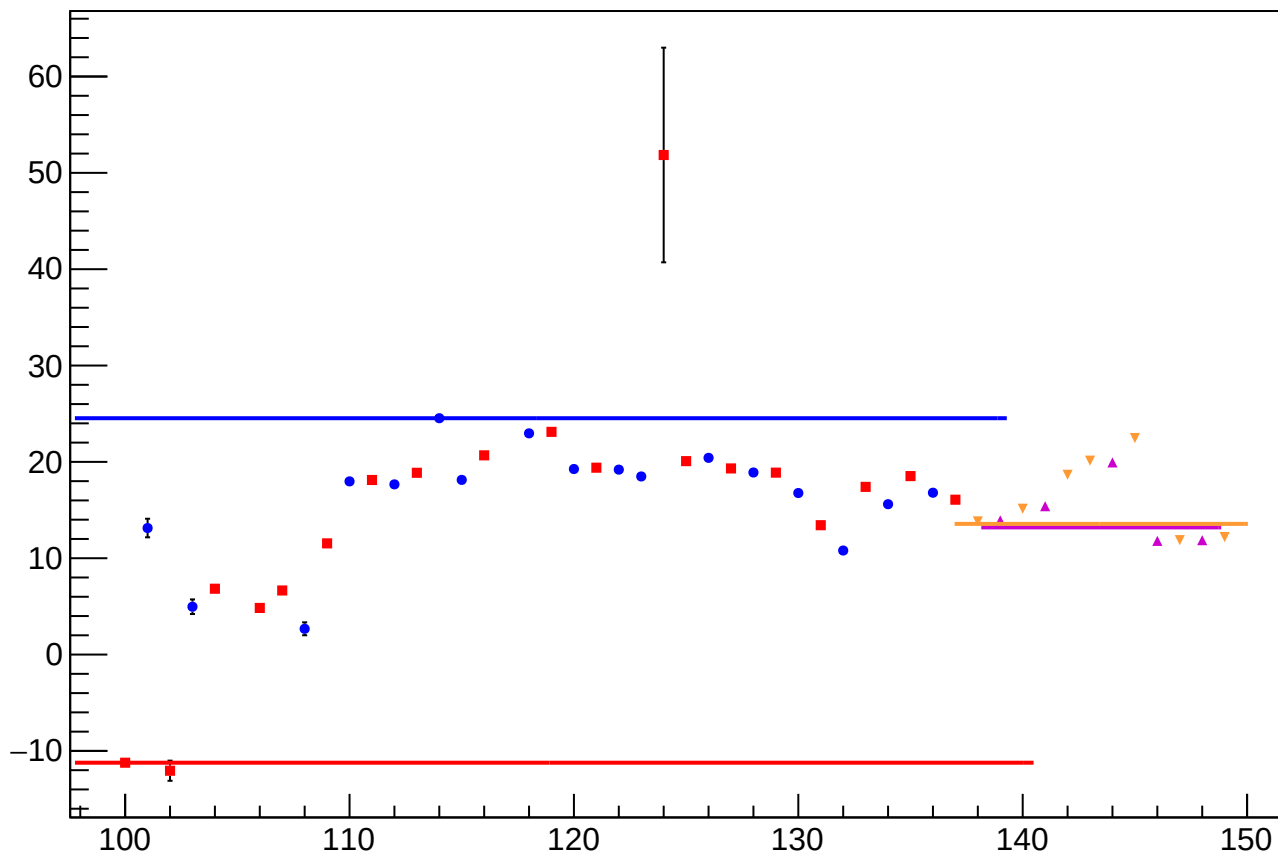
dit_usr_4aY_slope vs Slug, Sign Corrected



Left: 2.864 +/- 0.011 χ^2/NDF : 8239.3/11
 Right: 20.304 +/- 0.000 χ^2/NDF : 1860705.2/35
 In: 2.415 +/- 0.012 χ^2/NDF : 31427.3/21
 Out: 20.304 +/- 0.000 χ^2/NDF : 2351879.2/25
 All: 20.304 +/- 0.000 χ^2/NDF : 4442632.7/47

Right In: 0.923 +/- 0.020 χ^2/NDF : 21353.5/16
 Left Out: 2.447 +/- 0.015 χ^2/NDF : 5322.0/6
 Right Out: 20.304 +/- 0.000 χ^2/NDF : 918407.4/18
 Left In: 3.333 +/- 0.016 χ^2/NDF : 1260.1/4

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 24.533+/-0.000 χ^2/NDF : 119839.5/16

Left Out: 13.566+/-0.015 χ^2/NDF : 34660.6/6

Right Out: -11.224+/-0.000 χ^2/NDF : 2204048.4/18

Left In: 13.200+/-0.019 χ^2/NDF : 11557.9/4

Left: 13.425+/-0.012 χ^2/NDF : 46456.4/11

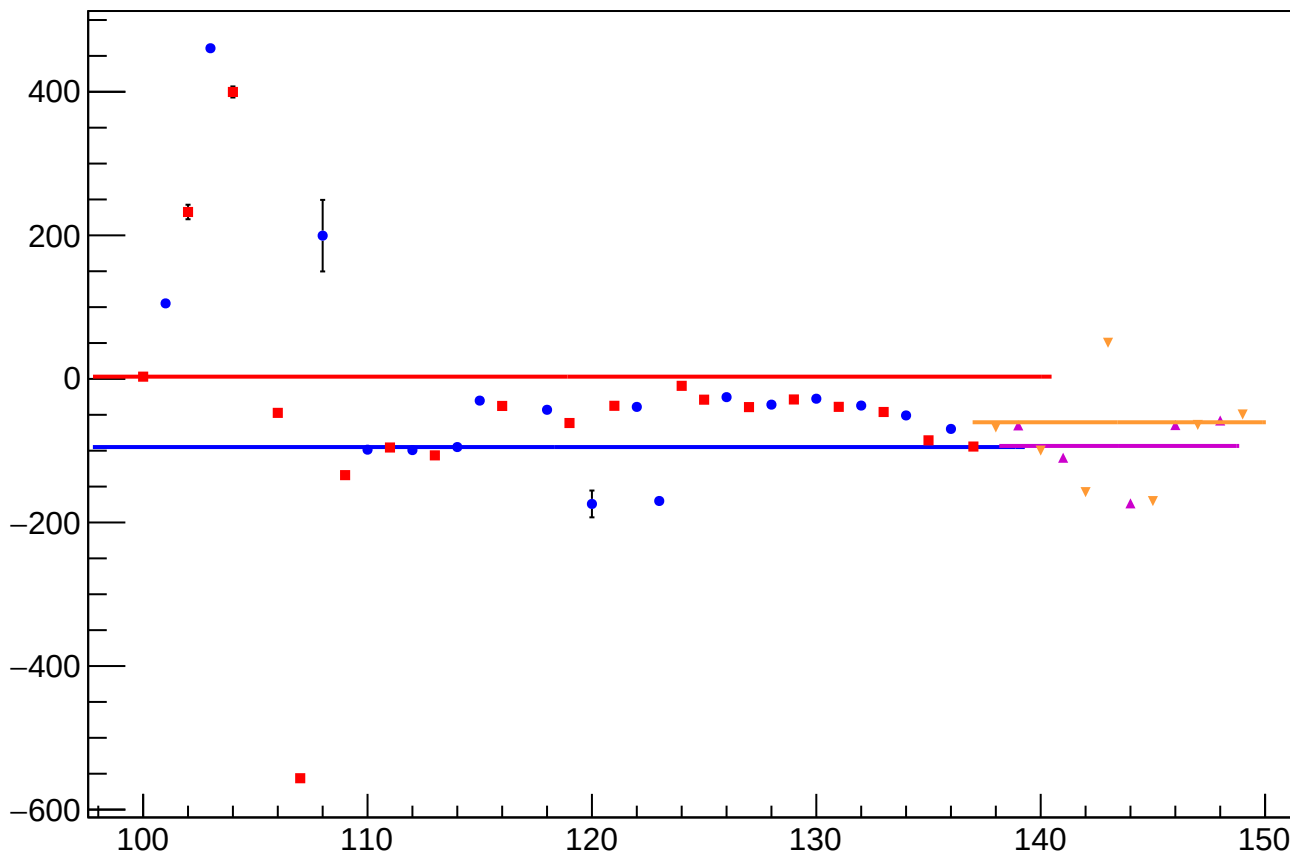
Right: -7.548+/-0.000 χ^2/NDF : 2499340702901629

In: 24.533+/-0.000 χ^2/NDF : 501108.6/21

Out: -11.224+/-0.000 χ^2/NDF : 5070200.6/25

All: -7.548+/-0.000 χ^2/NDF : 2499340702901

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -94.927 ± 0.000 $\chi^2/\text{NDF}: 718777.6/16$

Left Out: -60.400 ± 0.199 $\chi^2/\text{NDF}: 39740.1/6$

Right Out: 3.148 ± 0.000 $\chi^2/\text{NDF}: 61196784.3/18$

Left In: -93.372 ± 0.262 $\chi^2/\text{NDF}: 23505.6/4$

Left: -72.446 ± 0.159 $\chi^2/\text{NDF}: 73263.4/11$

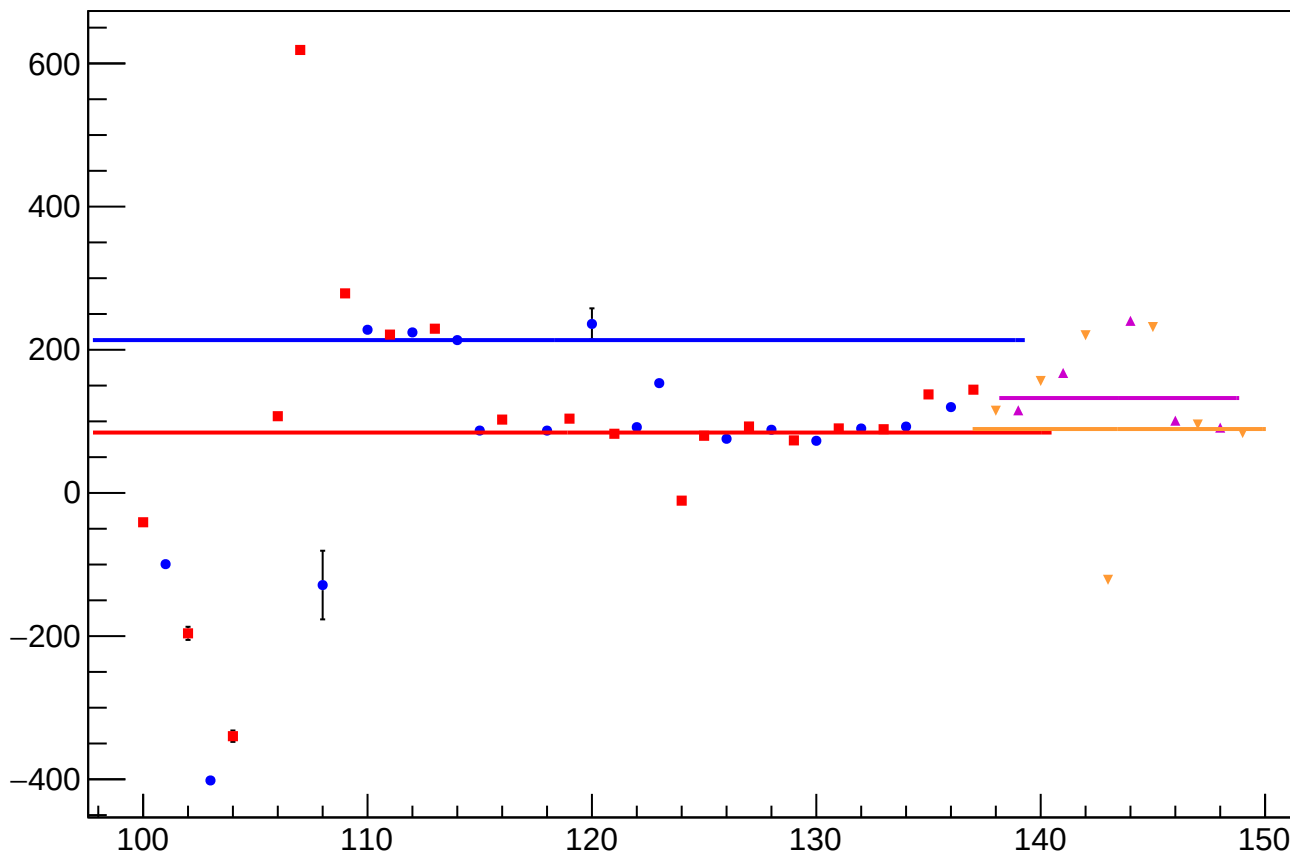
Right: 2.973 ± 0.000 $\chi^2/\text{NDF}: 52299232074263321$

In: -94.927 ± 0.000 $\chi^2/\text{NDF}: 742318.4/21$

Out: 3.148 ± 0.000 $\chi^2/\text{NDF}: 61338377.5/25$

All: 2.973 ± 0.000 $\chi^2/\text{NDF}: 52299232074263$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 213.523+/-0.000 χ^2/NDF : 2690617.8/16

Left Out: 89.293+/-0.177 χ^2/NDF : 147287.0/6

Right Out: 84.377+/-0.176 χ^2/NDF : 227868.3/18

Left In: 132.589+/-0.244 χ^2/NDF : 37349.0/4

Left: 104.249+/-0.144 χ^2/NDF : 205211.0/11

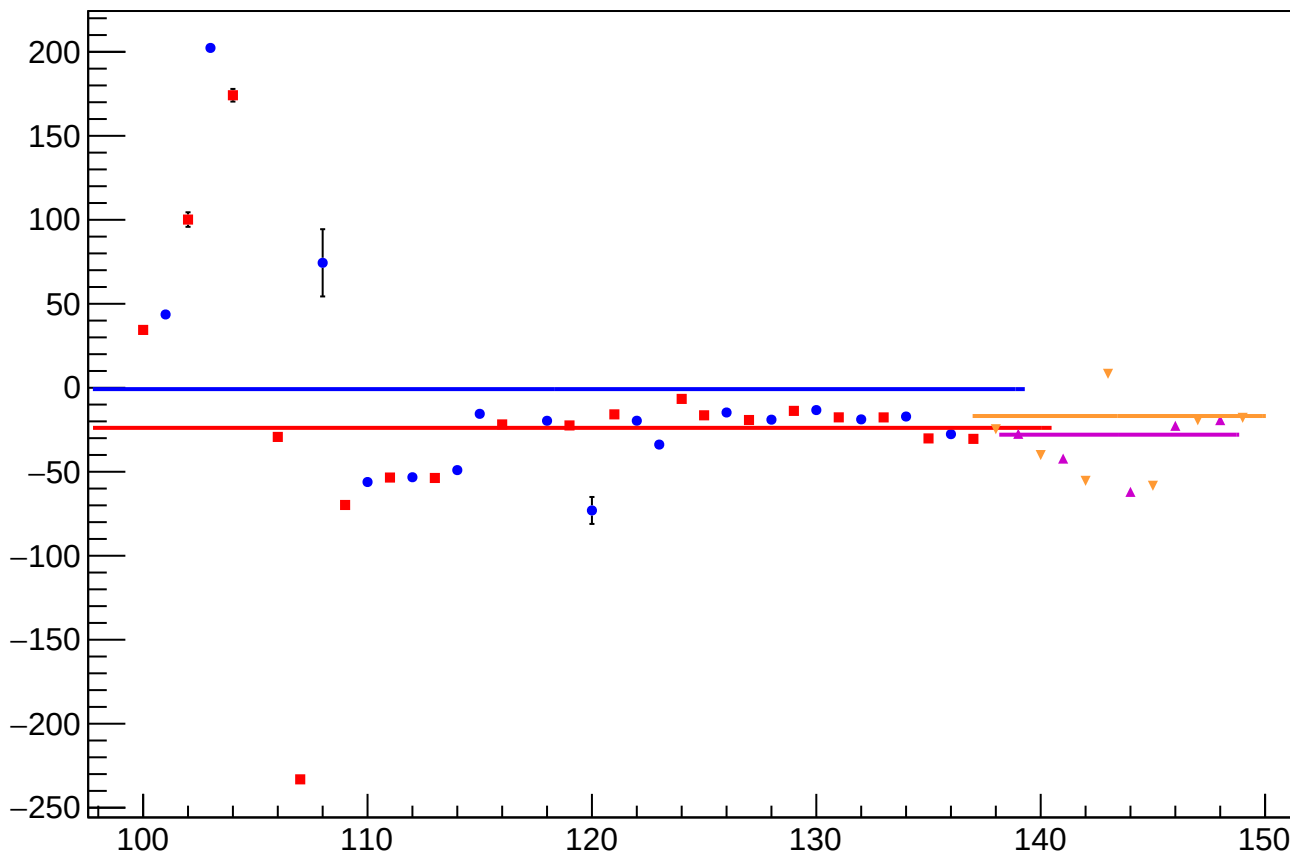
Right: 213.523+/-0.000 χ^2/NDF : 3455404.0/35

In: 213.523+/-0.000 χ^2/NDF : 2837803.4/21

Out: 86.819+/-0.125 χ^2/NDF : 375541.8/25

All: 213.523+/-0.000 χ^2/NDF : 4240256.4/47

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -0.799 ± 0.031 χ^2/NDF : 2816818.1/16

Left Out: -16.814 ± 0.019 χ^2/NDF : 524952.8/6

Right Out: -23.861 ± 0.044 χ^2/NDF : 200002.4/18

Left In: -27.928 ± 0.040 χ^2/NDF : 83861.3/4

Left: -18.853 ± 0.017 χ^2/NDF : 671541.6/11

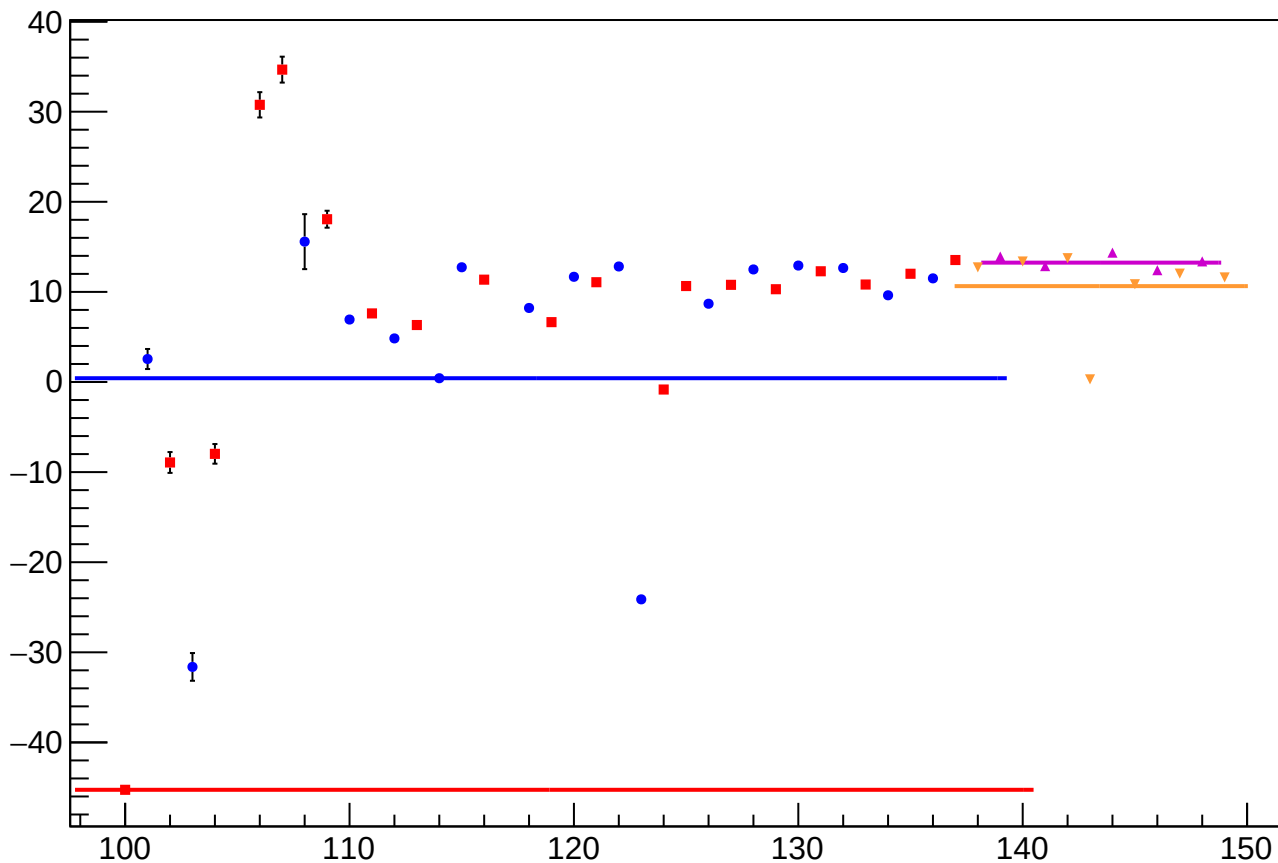
Right: -8.664 ± 0.025 χ^2/NDF : 3201437.1/35

In: -11.089 ± 0.025 χ^2/NDF : 3184783.6/21

Out: -17.941 ± 0.017 χ^2/NDF : 746933.6/25

All: -15.664 ± 0.014 χ^2/NDF : 3983119.8/47

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 0.420+/-0.000 χ^2/NDF : 84744.6/16

Left Out: 10.641+/-0.030 χ^2/NDF :21911.3/6

Right Out: -45.259+/-0.000 χ^2/NDF : 1298633.3/18

Left In: 13.248+/-0.032 χ^2/NDF :376.8/4

Left: 11.866+/-0.022 χ^2/NDF : 25884.2/11

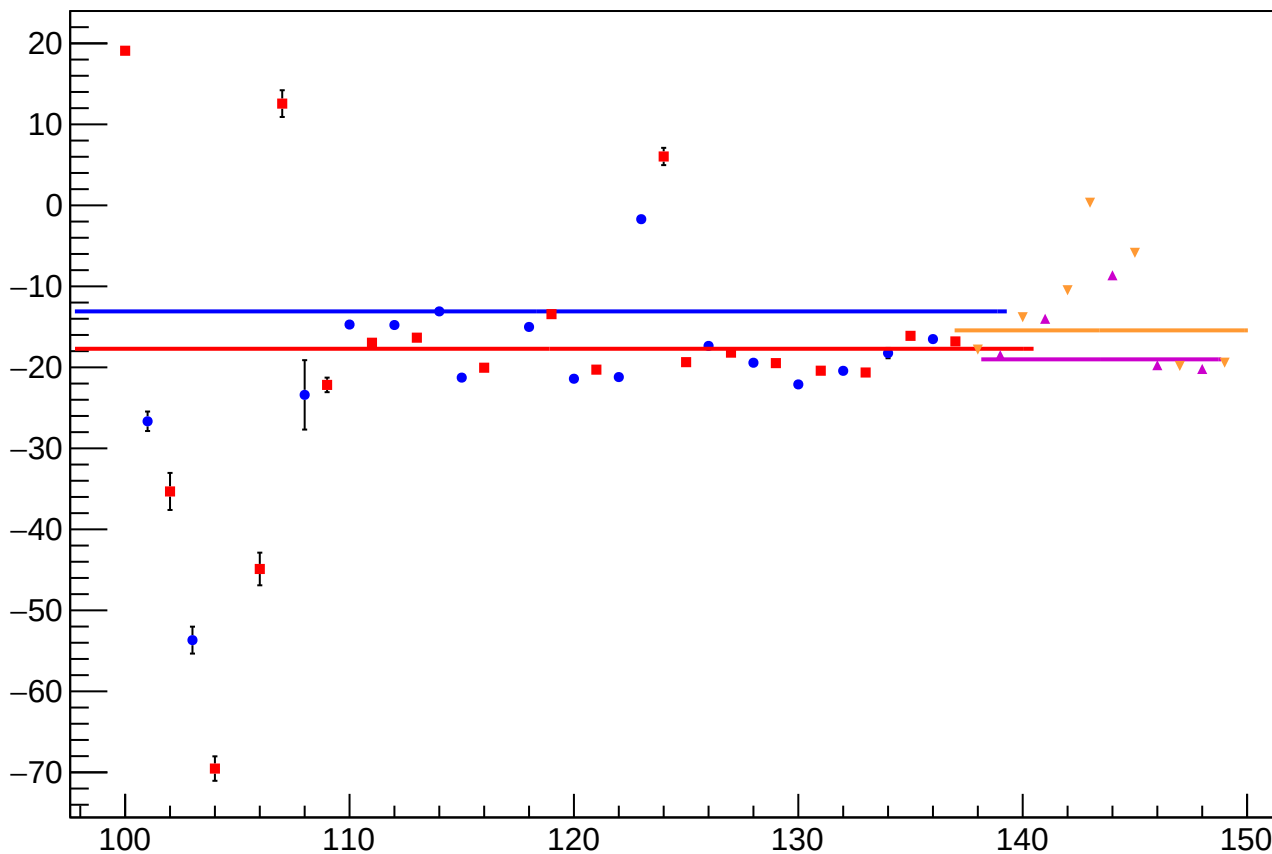
Right: 0.419+/-0.000 χ^2/NDF : 24797052003265142

In: 0.420+/-0.000 χ^2/NDF :249422.7/21

Out: -45.259+/-0.000 χ^2/NDF :4839479.5/25

All: 0.419+/-0.000 χ^2/NDF : 24797052003265

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -13.090 ± 0.000 χ^2/NDF : 30071.6/16

Left Out: -15.434 ± 0.035 χ^2/NDF : 33059.1/6

Right Out: -17.705 ± 0.048 χ^2/NDF : 14635.4/18

Left In: -19.011 ± 0.032 χ^2/NDF : 5863.4/4

Left: -17.349 ± 0.024 χ^2/NDF : 44653.0/11

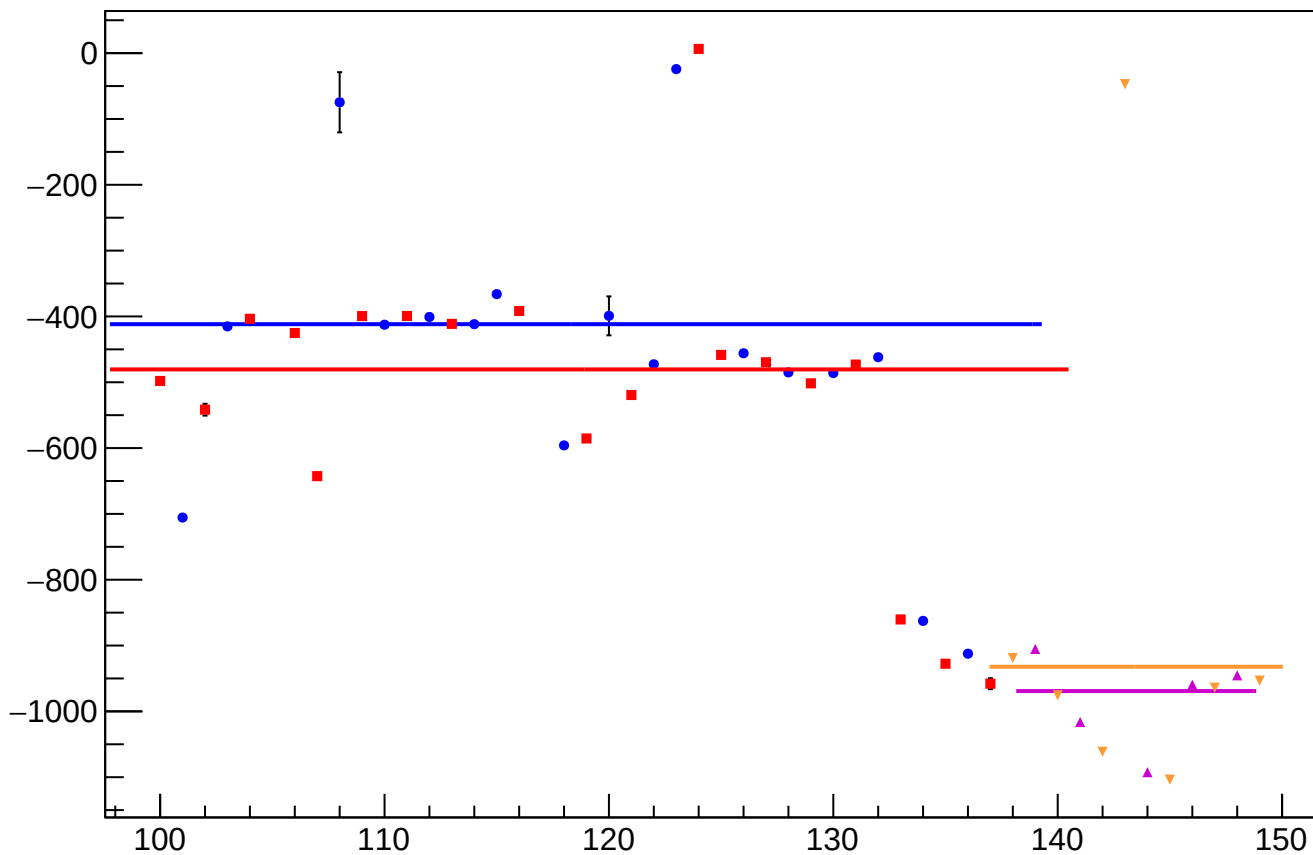
Right: -13.090 ± 0.000 χ^2/NDF : 53991.0/35

In: -13.090 ± 0.000 χ^2/NDF : 69731.7/21

Out: -16.212 ± 0.028 χ^2/NDF : 49172.4/25

All: -13.090 ± 0.000 χ^2/NDF : 131306.9/47

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -411.771 ± 0.000 $\chi^2/\text{NDF}: 984974.9/16$

Left Out: -932.224 ± 0.376 $\chi^2/\text{NDF}: 256893.9/6$

Right Out: -480.481 ± 0.166 $\chi^2/\text{NDF}: 596807.0/18$

Left In: -969.138 ± 0.426 $\chi^2/\text{NDF}: 15365.5/4$

Left: -948.363 ± 0.282 $\chi^2/\text{NDF}: 276475.7/11$

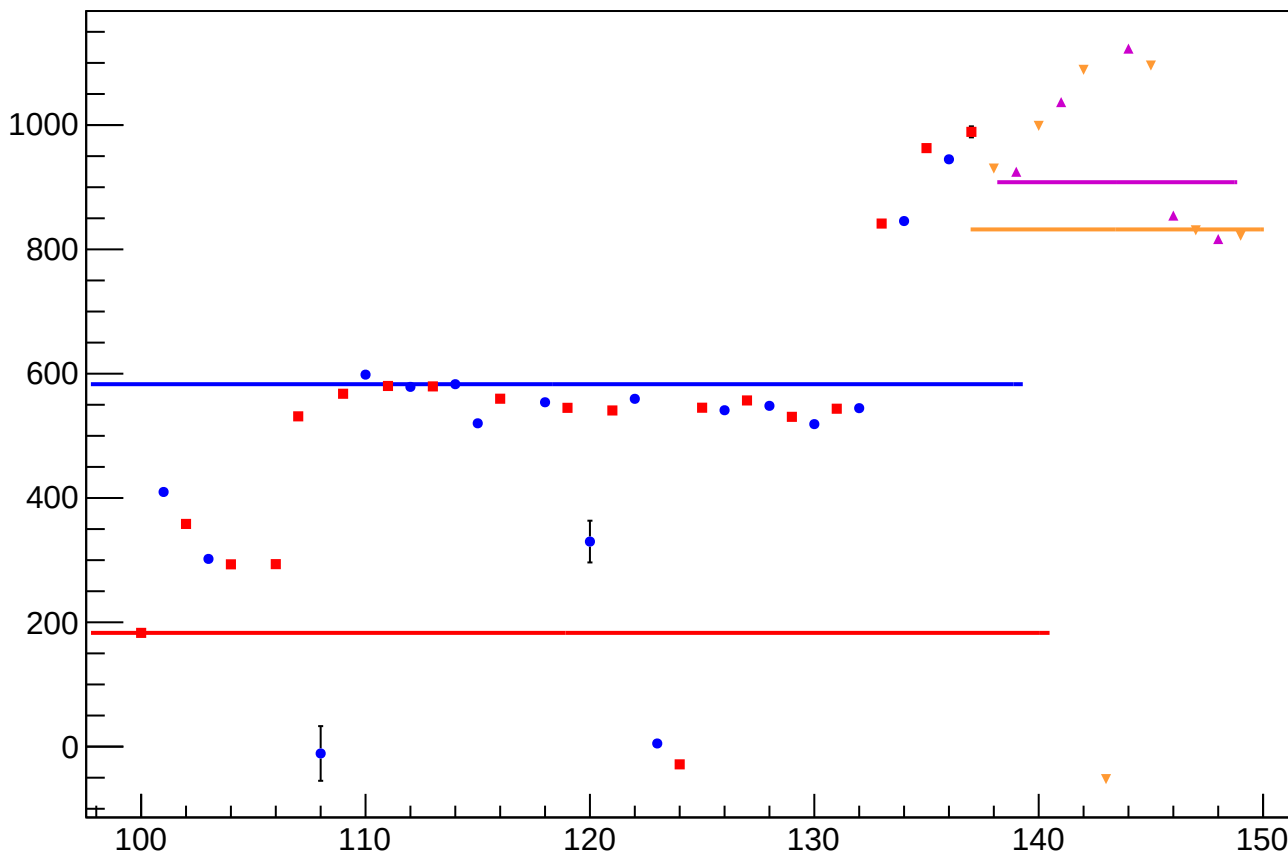
Right: -411.771 ± 0.000 $\chi^2/\text{NDF}: 1752754.1/35$

In: -411.771 ± 0.000 $\chi^2/\text{NDF}: 2708343.9/21$

Out: -554.332 ± 0.152 $\chi^2/\text{NDF}: 2061860.0/25$

All: -411.771 ± 0.000 $\chi^2/\text{NDF}: 5650048.7/47$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 583.096+/-0.000 χ^2/NDF : 1695243.6/16

Left Out: 832.099+/-0.341 χ^2/NDF : 359228.3/6

Right Out: 182.993+/-0.000 χ^2/NDF : 2983395.1/18

Left In: 908.071+/-0.415 χ^2/NDF : 61202.0/4

Left: 862.659+/-0.263 χ^2/NDF : 440437.9/11

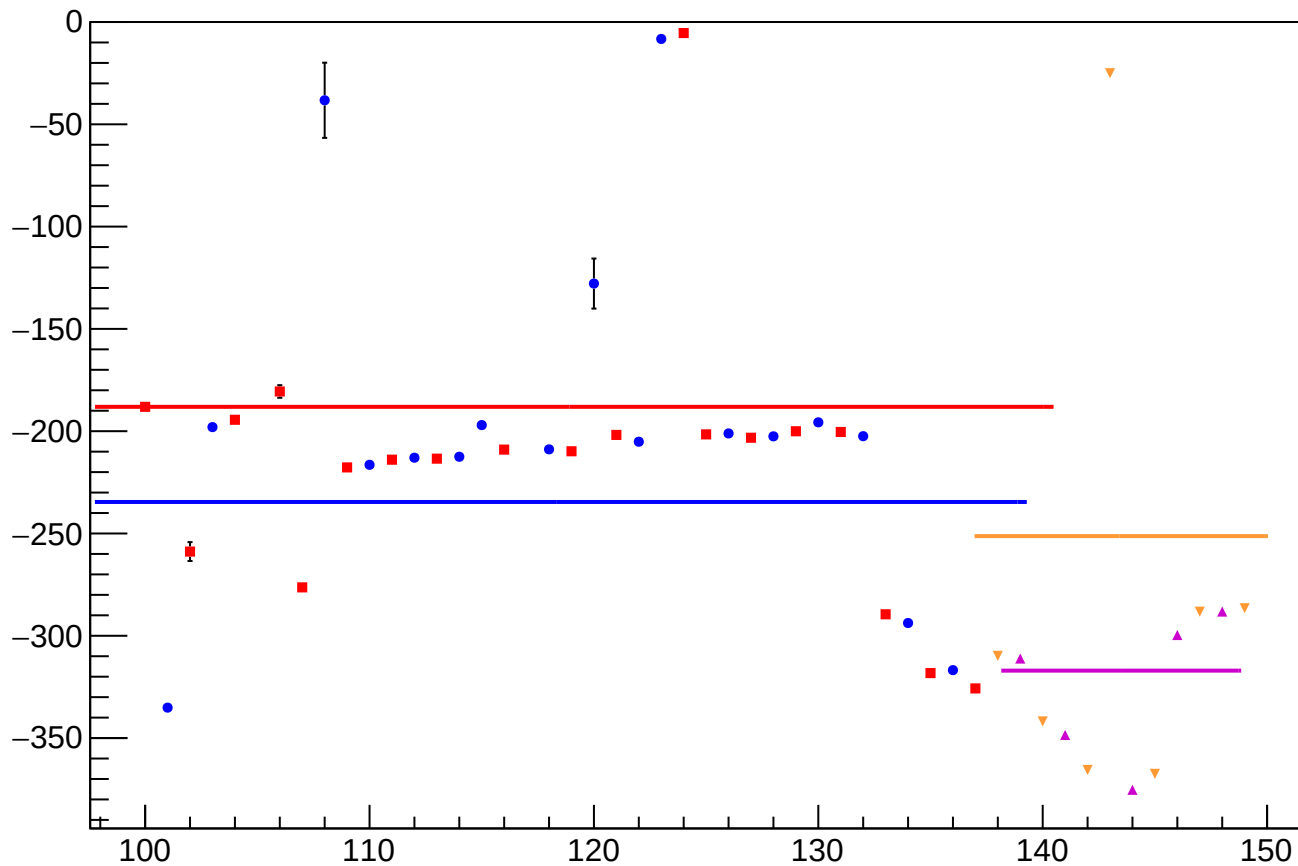
Right: 224.125+/-0.000 χ^2/NDF : 122237113759786

In: 583.096+/-0.000 χ^2/NDF : 2368890.0/21

Out: 182.993+/-0.000 χ^2/NDF : 6973444.3/25

All: 224.125+/-0.000 χ^2/NDF : 122237113759

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -234.595+/-0.057 χ^2/NDF : 1034543.3/16

Left Out: -251.289+/-0.046 χ^2/NDF : 4992887.0/6

Right Out: -188.094+/-0.000 χ^2/NDF : 564190.5/18

Left In: -317.039+/-0.077 χ^2/NDF : 142150.5/4

Left: -268.277+/-0.039 χ^2/NDF : 5671350.0/11

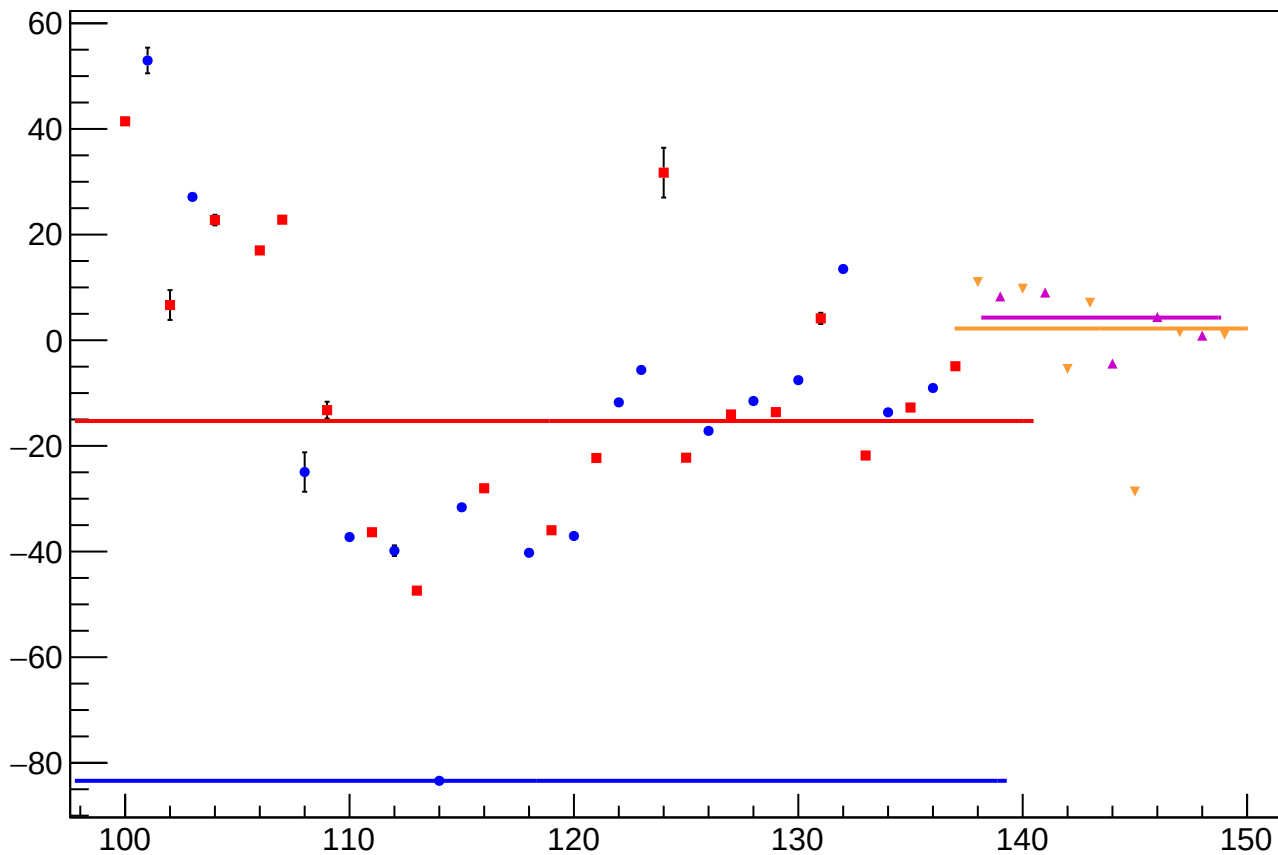
Right: -188.094+/-0.000 χ^2/NDF : 2276022.3/35

In: -263.296+/-0.046 χ^2/NDF : 1917875.7/21

Out: -188.094+/-0.000 χ^2/NDF : 7474569.4/25

All: -188.094+/-0.000 χ^2/NDF : 12109862.4/4

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -83.399 ± 0.000 $\chi^2/\text{NDF}: 1111851.8/16$

Left Out: 2.221 ± 0.051 $\chi^2/\text{NDF}: 7335.0/6$

Right Out: -15.289 ± 0.093 $\chi^2/\text{NDF}: 45102.9/18$

Left In: 4.285 ± 0.057 $\chi^2/\text{NDF}: 4564.4/4$

Left: 3.139 ± 0.038 $\chi^2/\text{NDF}: 12637.4/11$

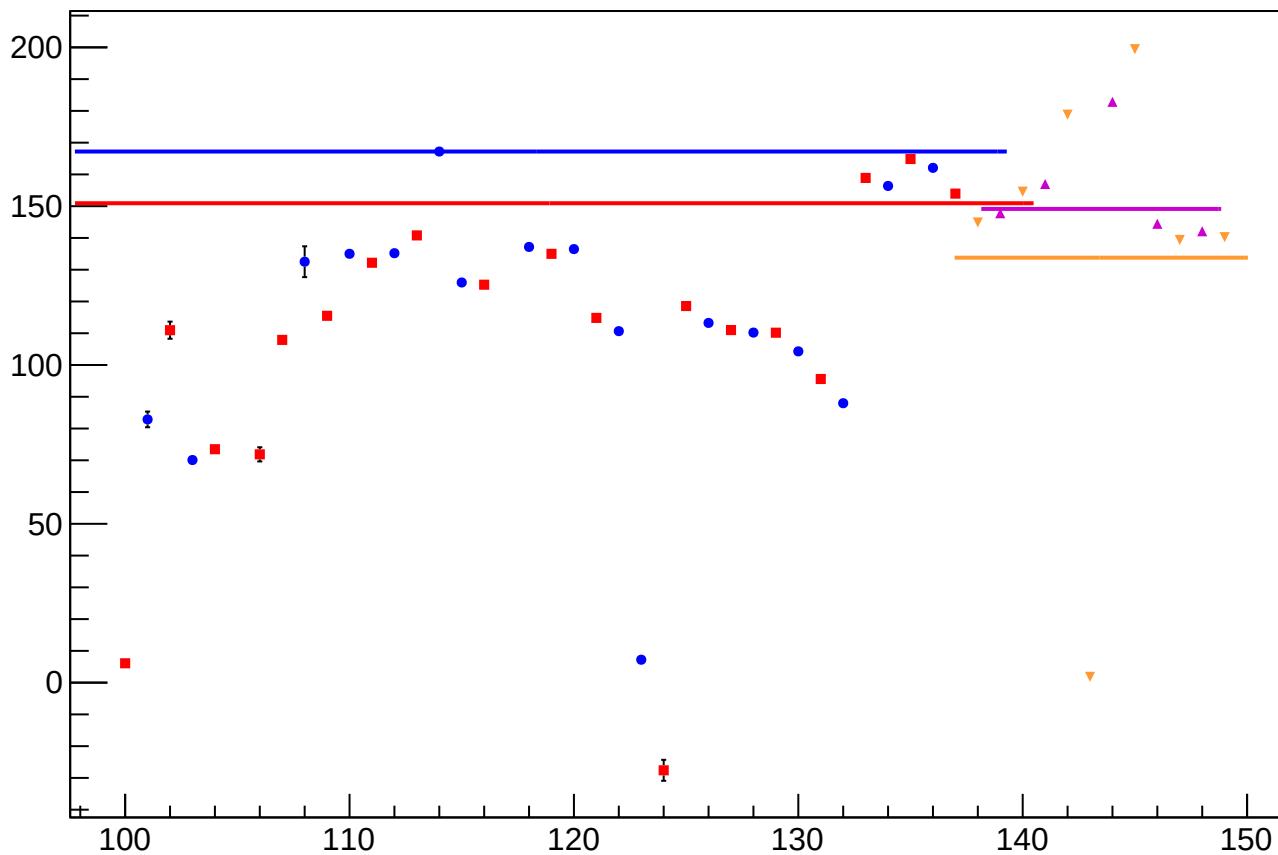
Right: -83.399 ± 0.000 $\chi^2/\text{NDF}: 1693721.3/35$

In: -83.399 ± 0.000 $\chi^2/\text{NDF}: 3514148.8/21$

Out: -1.791 ± 0.045 $\chi^2/\text{NDF}: 79783.0/25$

All: -83.399 ± 0.000 $\chi^2/\text{NDF}: 6956965.4/47$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 167.207 $\pm$ 0.000 χ^2 /NDF: 377544.7/16

Left Out: 133.789 $\pm$ 0.063 χ^2 /NDF:332395.8/6

Right Out: 150.930 $\pm$ 0.030 χ^2 /NDF: 254077.1/18

Left In: 149.139 $\pm$ 0.077 χ^2 /NDF:14197.1/4

Left: 139.914 $\pm$ 0.049 χ^2 /NDF: 370280.0/11

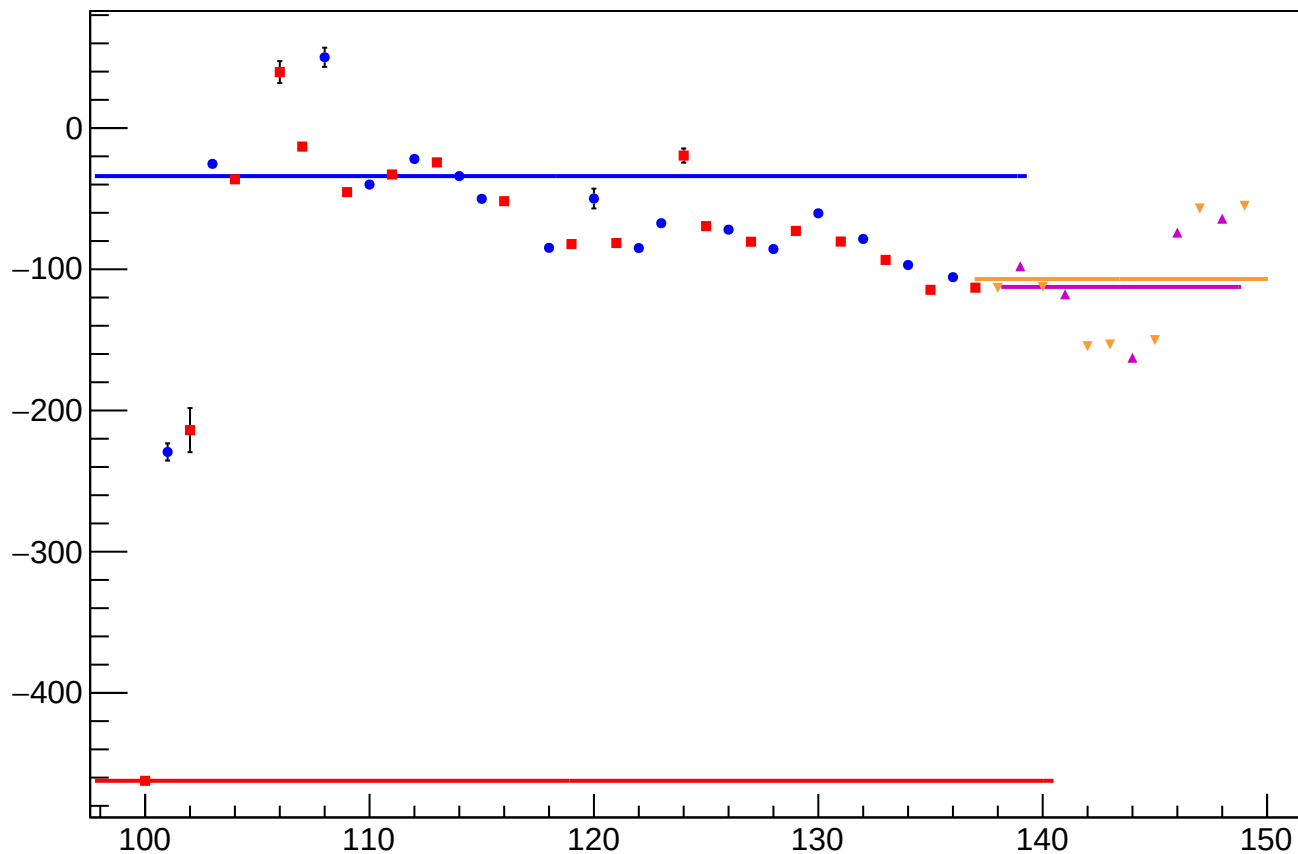
Right: 167.207 $\pm$ 0.000 χ^2 /NDF: 927090.4/35

In: 167.207 $\pm$ 0.000 χ^2 /NDF:446350.7/21

Out: 147.771 $\pm$ 0.027 χ^2 /NDF:646852.3/25

All: 167.207 $\pm$ 0.000 χ^2 /NDF: 1609648.9/47

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -34.002 ± 0.000 $\chi^2/\text{NDF}: 103608.4/16$

Left Out: -106.910 ± 0.203 $\chi^2/\text{NDF}: 31464.9/6$

Right Out: -462.254 ± 0.000 $\chi^2/\text{NDF}: 4616114.1/18$

Left In: -112.487 ± 0.217 $\chi^2/\text{NDF}: 21709.5/4$

Left: -109.510 ± 0.148 $\chi^2/\text{NDF}: 53525.9/11$

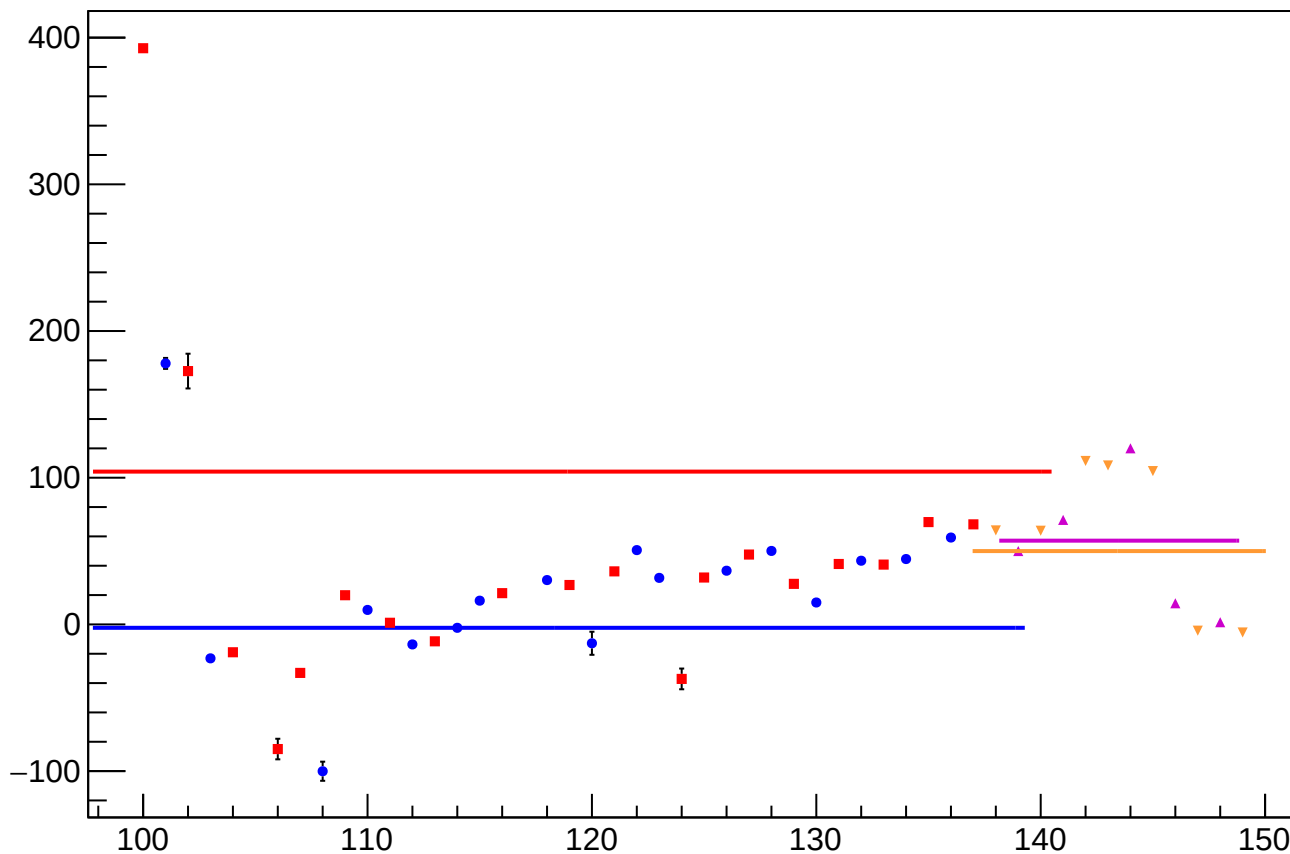
Right: -34.912 ± 0.000 $\chi^2/\text{NDF}: 849582565143584$

In: -34.002 ± 0.000 $\chi^2/\text{NDF}: 255726.6/21$

Out: -462.254 ± 0.000 $\chi^2/\text{NDF}: 7708270.2/25$

All: -34.912 ± 0.000 $\chi^2/\text{NDF}: 849582565143$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: -2.317 ± 0.000 χ^2/NDF : 72308.0/16

Left Out: 49.985 ± 0.186 χ^2/NDF : 55266.9/6

Right Out: 104.164 ± 0.183 χ^2/NDF : 779114.1/18

Left In: 57.090 ± 0.203 χ^2/NDF : 35041.3/4

Left: 53.232 ± 0.137 χ^2/NDF : 90972.3/11

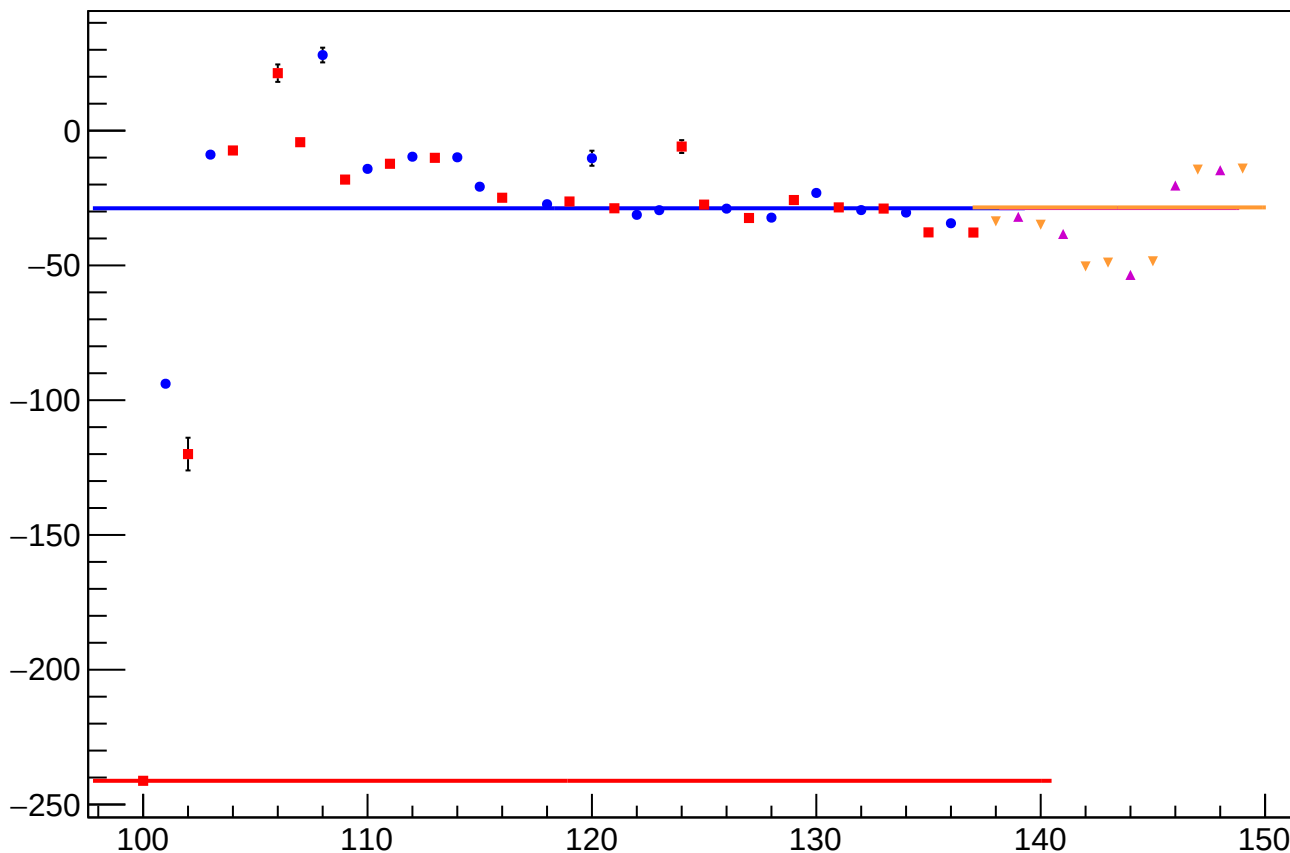
Right: -2.317 ± 0.000 χ^2/NDF : 1189122.1/35

In: -2.317 ± 0.000 χ^2/NDF : 192849.6/21

Out: 77.536 ± 0.131 χ^2/NDF : 877349.3/25

All: -2.317 ± 0.000 χ^2/NDF : 1443672.5/47

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.799 ± 0.035 $\chi^2/\text{NDF}: 49372.5/16$

Left Out: -28.479 ± 0.024 $\chi^2/\text{NDF}: 215428.5/6$

Right Out: -241.209 ± 0.000 $\chi^2/\text{NDF}: 31730104.8/18$

Left In: -28.718 ± 0.035 $\chi^2/\text{NDF}: 96107.7/4$

Left: -28.557 ± 0.020 $\chi^2/\text{NDF}: 311567.3/11$

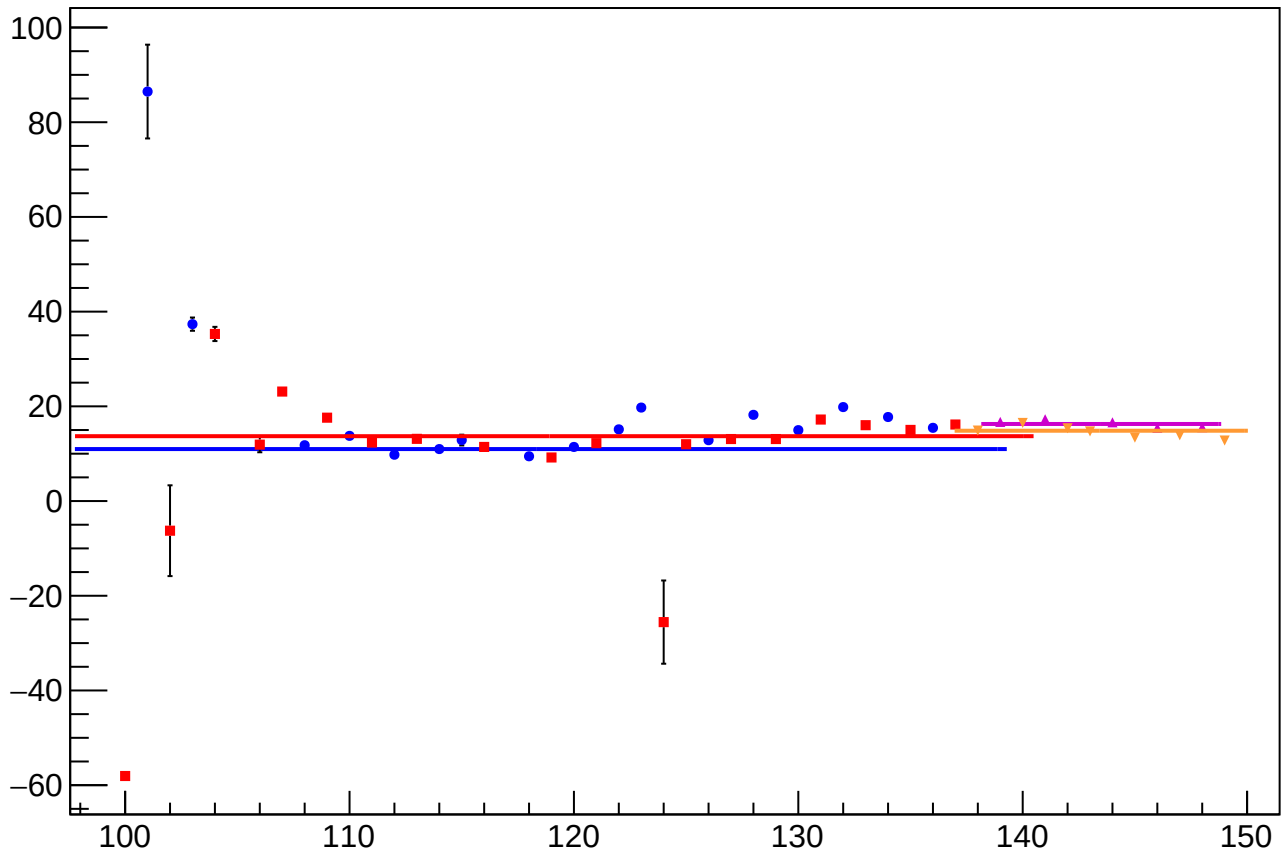
Right: -241.209 ± 0.000 $\chi^2/\text{NDF}: 67856010.6/35$

In: -28.758 ± 0.025 $\chi^2/\text{NDF}: 145482.8/21$

Out: -241.209 ± 0.000 $\chi^2/\text{NDF}: 108099664.6/25$

All: -241.209 ± 0.000 $\chi^2/\text{NDF}: 181158134.6/40$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 10.978+/-0.000 χ^2/NDF : 26383.3/16

Left Out: 14.851+/-0.030 χ^2/NDF : 2375.8/6

Right Out: 13.698+/-0.044 χ^2/NDF : 38261.7/18

Left In: 16.276+/-0.030 χ^2/NDF : 619.4/4

Left: 15.553+/-0.021 χ^2/NDF : 4118.0/11

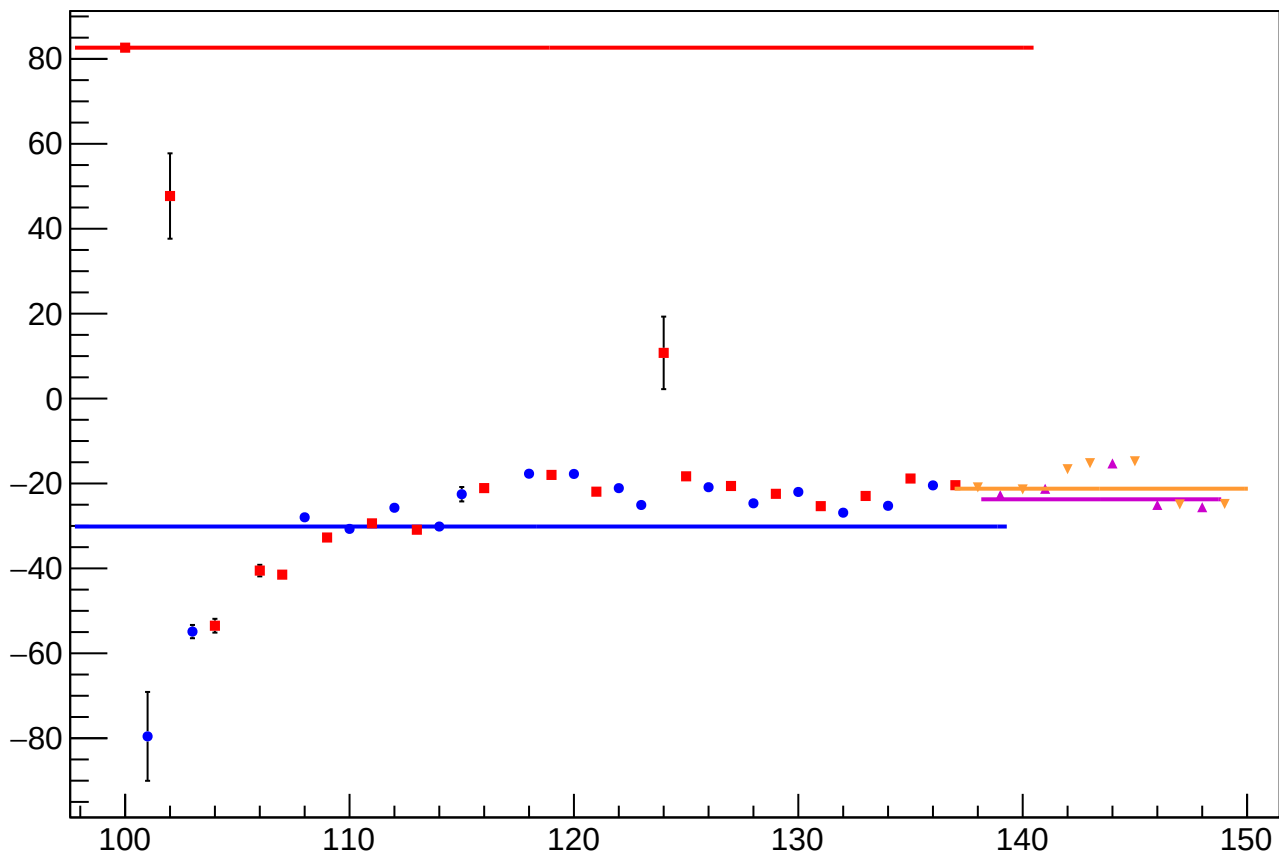
Right: 10.978+/-0.000 χ^2/NDF : 68468.7/35

In: 10.978+/-0.000 χ^2/NDF : 57562.7/21

Out: 14.487+/-0.025 χ^2/NDF : 41108.1/25

All: 10.978+/-0.000 χ^2/NDF : 118839.3/47

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -30.139 ± 0.000 $\chi^2/\text{NDF}: 75823.3/16$

Left Out: -21.226 ± 0.030 $\chi^2/\text{NDF}: 18562.0/6$

Right Out: 82.645 ± 0.000 $\chi^2/\text{NDF}: 4126300.9/18$

Left In: -23.728 ± 0.038 $\chi^2/\text{NDF}: 6340.6/4$

Left: -22.197 ± 0.024 $\chi^2/\text{NDF}: 27556.0/11$

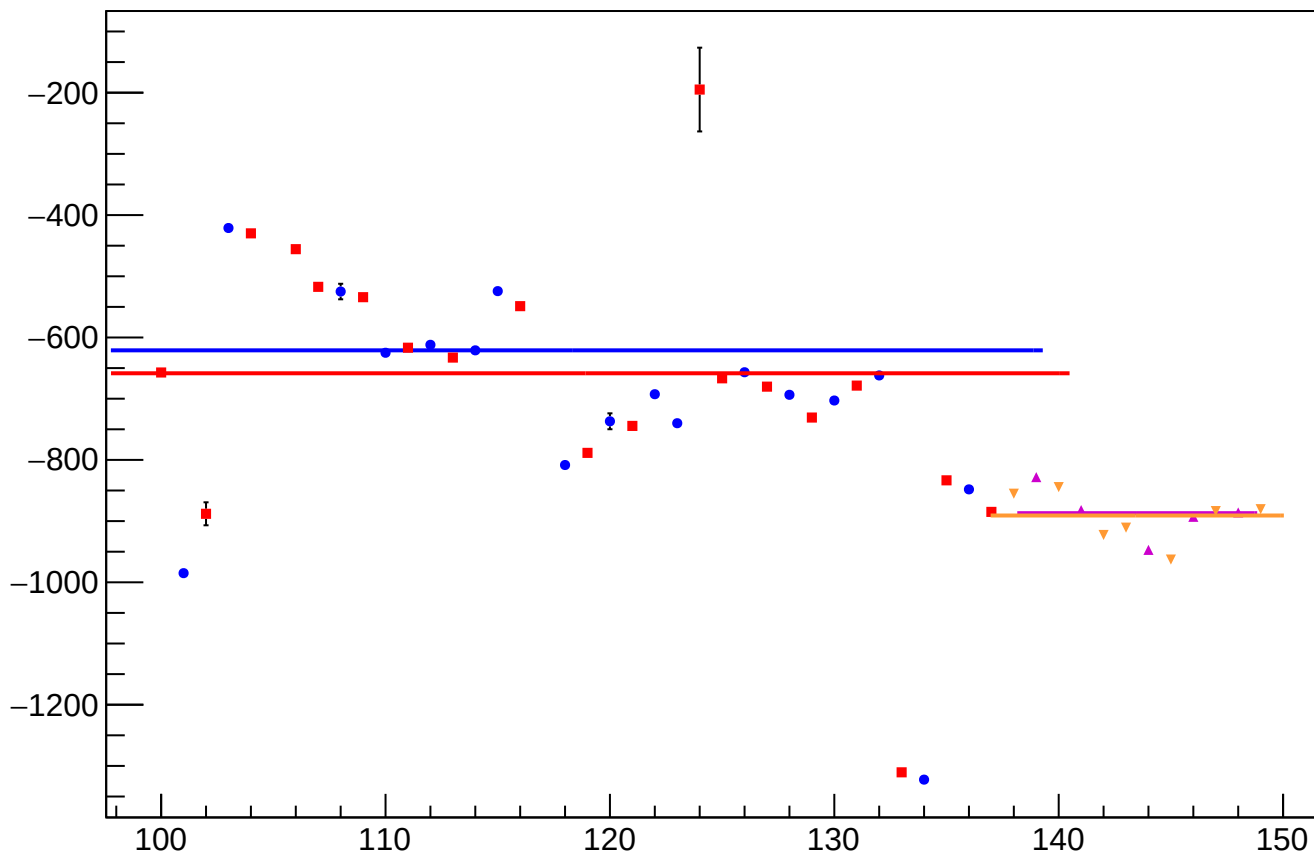
Right: -26.421 ± 0.000 $\chi^2/\text{NDF}: 365466407976619$

In: -30.139 ± 0.000 $\chi^2/\text{NDF}: 110652.7/21$

Out: 82.645 ± 0.000 $\chi^2/\text{NDF}: 15934594.1/25$

All: -26.421 ± 0.000 $\chi^2/\text{NDF}: 365466407976$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -620.994+/-0.000 χ^2/NDF : 309597.8/16

Left Out: -890.849+/-0.293 χ^2/NDF : 9363.6/6

Right Out: -658.472+/-0.211 χ^2/NDF : 385288.9/18

Left In: -887.040+/-0.269 χ^2/NDF : 7987.2/4

Left: -888.783+/-0.198 χ^2/NDF : 17442.4/11

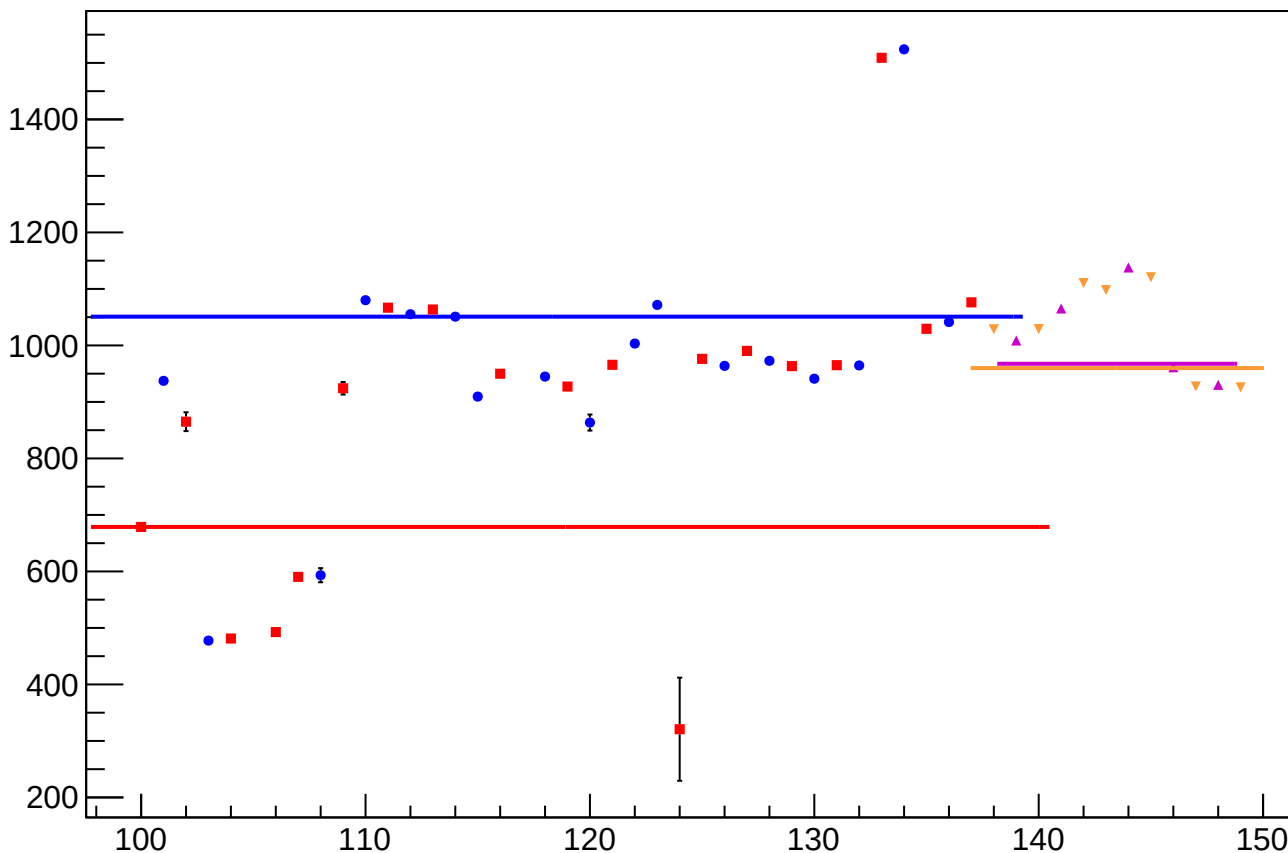
Right: -620.994+/-0.000 χ^2/NDF : 726578.9/35

In: -620.994+/-0.000 χ^2/NDF : 1294851.3/21

Out: -737.597+/-0.171 χ^2/NDF : 809527.6/25

All: -620.994+/-0.000 χ^2/NDF : 2569550.9/47

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 296535.3/16

Left Out: 959.883 $\pm$ 0.266 χ^2 /NDF: 58615.2/6

Right Out: 678.756 $\pm$ 0.000 χ^2 /NDF: 1421757.7/18

Left In: 967.520 $\pm$ 0.258 χ^2 /NDF: 59421.2/4

Left: 963.814 $\pm$ 0.185 χ^2 /NDF: 118461.0/11

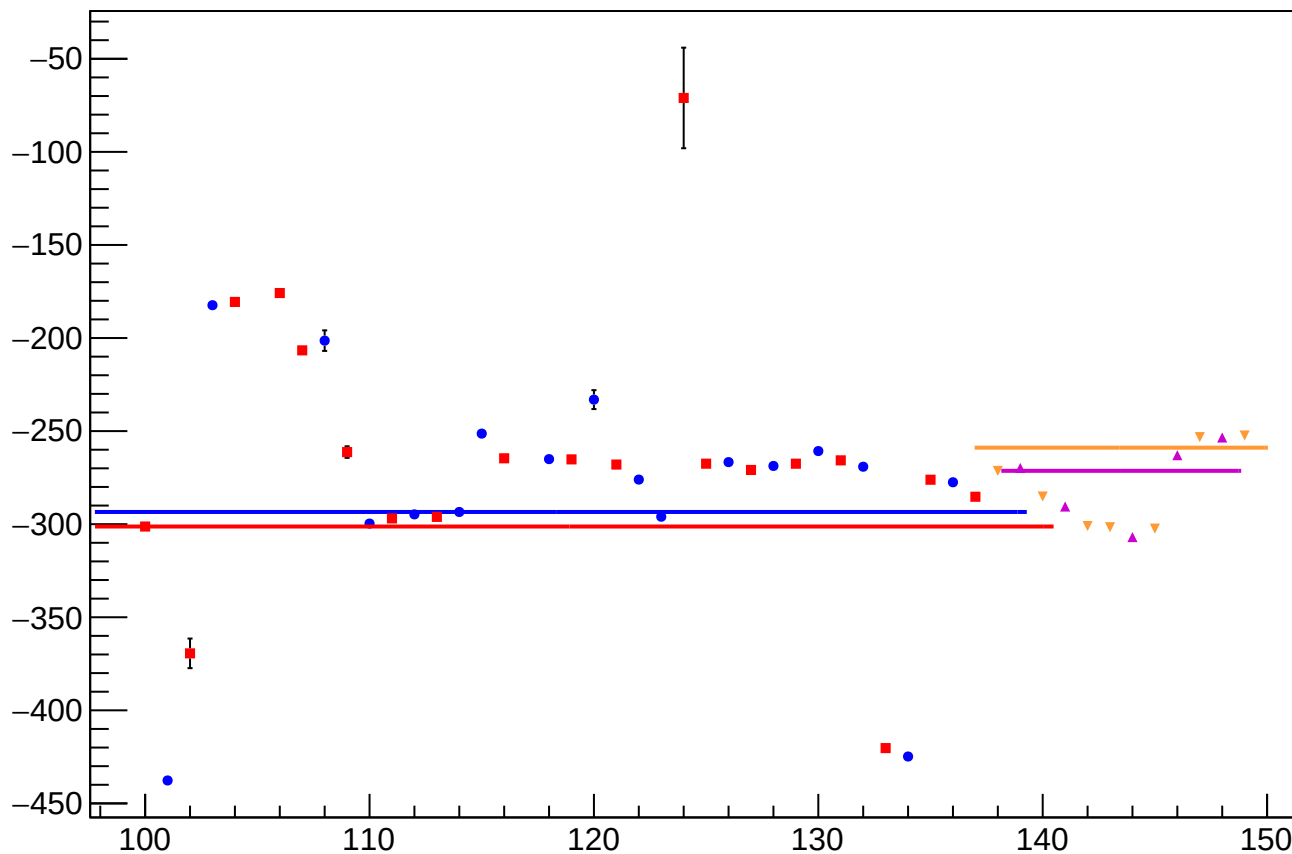
Right: 717.012 $\pm$ 0.000 χ^2 /NDF: 660888056800884

In: 1050.885 $\pm$ 0.000 χ^2 /NDF: 460255.5/21

Out: 678.756 $\pm$ 0.000 χ^2 /NDF: 2598405.6/25

All: 717.012 $\pm$ 0.000 χ^2 /NDF: 660888056800

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -293.440+/-0.000 $\chi^2/\text{NDF}: 806123.9/16$

Left Out: -258.906+/-0.039 $\chi^2/\text{NDF}: 139877.0/6$

Right Out: -301.259+/-0.000 $\chi^2/\text{NDF}: 709937.5/18$

Left In: -271.343+/-0.052 $\chi^2/\text{NDF}: 98071.3/4$

Left: -263.369+/-0.031 $\chi^2/\text{NDF}: 274731.5/11$

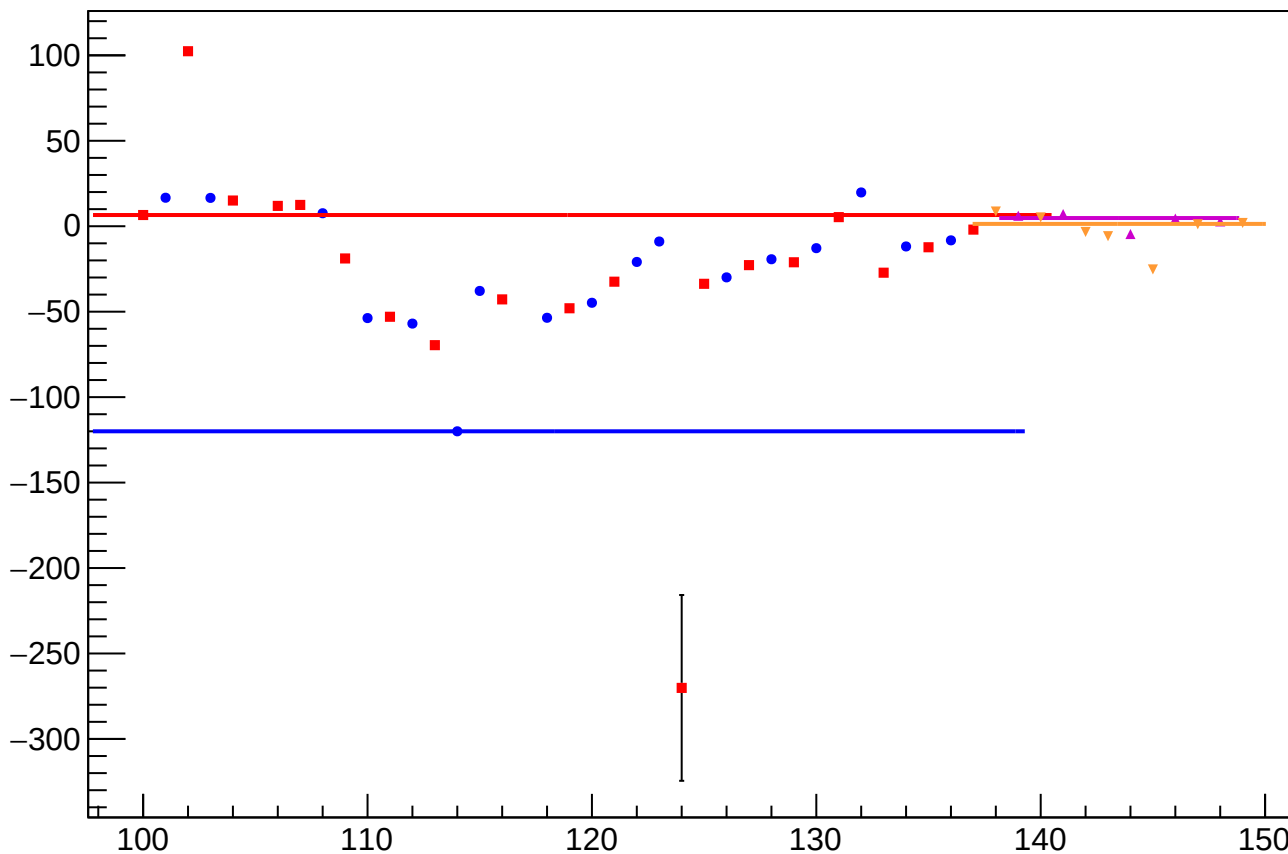
Right: -296.200+/-0.000 $\chi^2/\text{NDF}: 73444542243591$

In: -293.440+/-0.000 $\chi^2/\text{NDF}: 1085318.6/21$

Out: -301.259+/-0.000 $\chi^2/\text{NDF}: 2038382.6/25$

All: -296.200+/-0.000 $\chi^2/\text{NDF}: 73444542243$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -119.993 ± 0.000 $\chi^2/\text{NDF}: 1507310.0/16$

Left Out: 1.366 ± 0.056 $\chi^2/\text{NDF}: 5456.9/6$

Right Out: 6.562 ± 0.000 $\chi^2/\text{NDF}: 110723.7/18$

Left In: 4.797 ± 0.066 $\chi^2/\text{NDF}: 1923.1/4$

Left: 2.798 ± 0.043 $\chi^2/\text{NDF}: 8950.9/11$

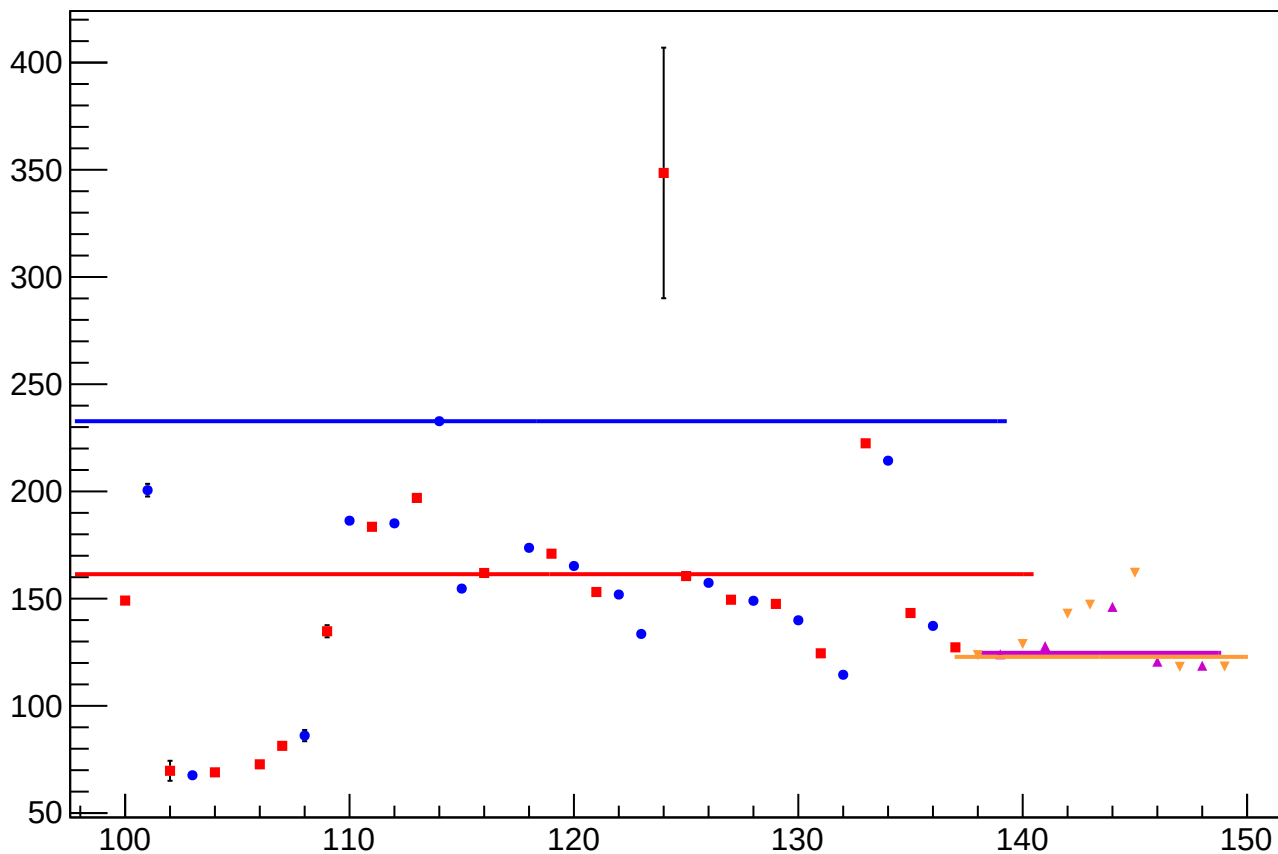
Right: 6.462 ± 0.000 $\chi^2/\text{NDF}: 96855847891730169$

In: -119.993 ± 0.000 $\chi^2/\text{NDF}: 5075210.5/21$

Out: 6.562 ± 0.000 $\chi^2/\text{NDF}: 124817.1/25$

All: 6.462 ± 0.000 $\chi^2/\text{NDF}: 96855847891730$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 232.747 $\pm$ 0.000 χ^2 /NDF: 885111.3/16

Left Out: 122.839 $\pm$ 0.057 χ^2 /NDF:29327.6/6

Right Out: 161.402 $\pm$ 0.086 χ^2 /NDF: 158469.5/18

Left In: 124.726 $\pm$ 0.072 χ^2 /NDF:8616.4/4

Left: 123.568 $\pm$ 0.045 χ^2 /NDF: 38365.4/11

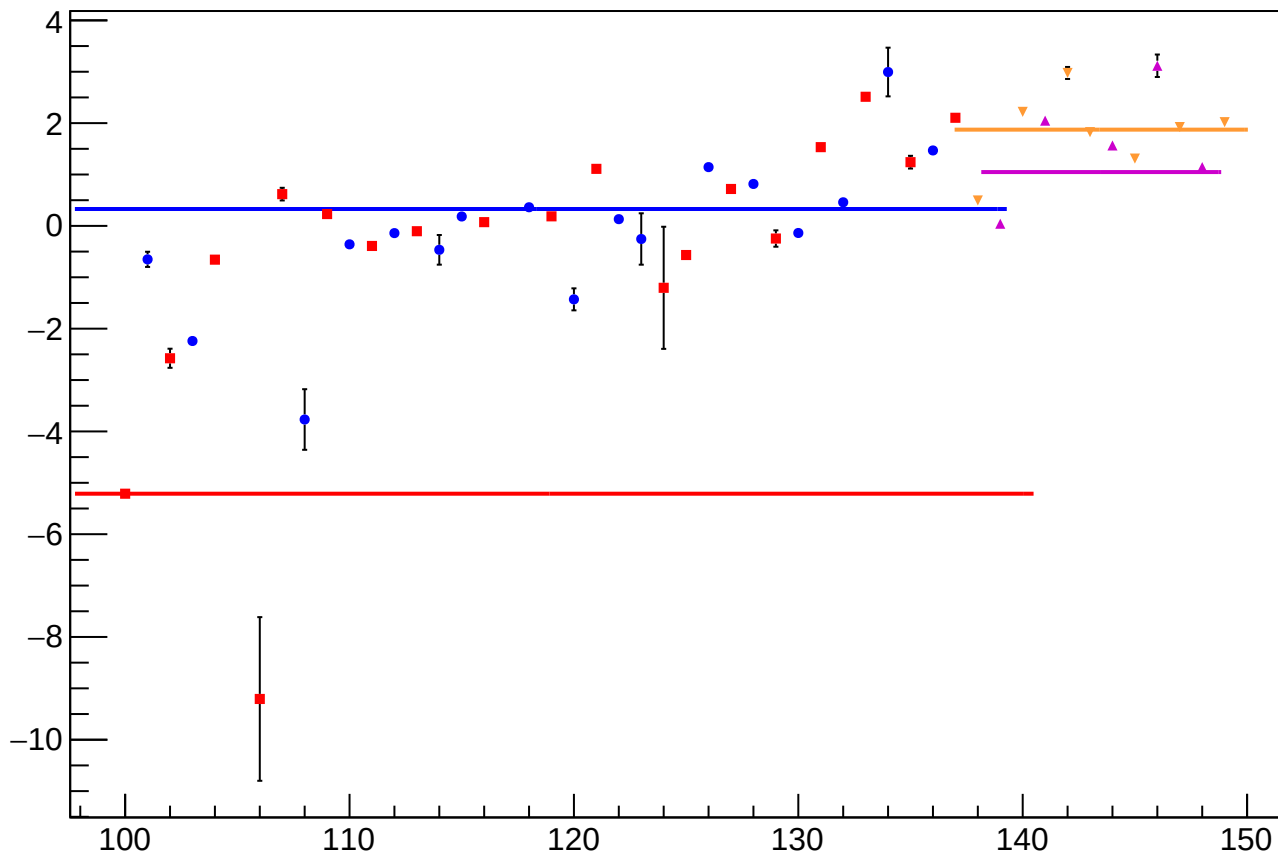
Right: 232.747 $\pm$ 0.000 χ^2 /NDF: 1727131.7/35

In: 232.747 $\pm$ 0.000 χ^2 /NDF:3141609.4/21

Out: 134.594 $\pm$ 0.048 χ^2 /NDF:326628.3/25

All: 232.747 $\pm$ 0.000 χ^2 /NDF: 7712496.1/47

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.329 ± 0.013 χ^2/NDF : 4100.2/16

Left Out: 1.873 ± 0.020 χ^2/NDF : 491.0/6

Right Out: -5.212 ± 0.000 χ^2/NDF : 500748.8/18

Left In: 1.048 ± 0.018 χ^2/NDF : 2112.6/4

Left: 1.409 ± 0.013 χ^2/NDF : 3536.2/11

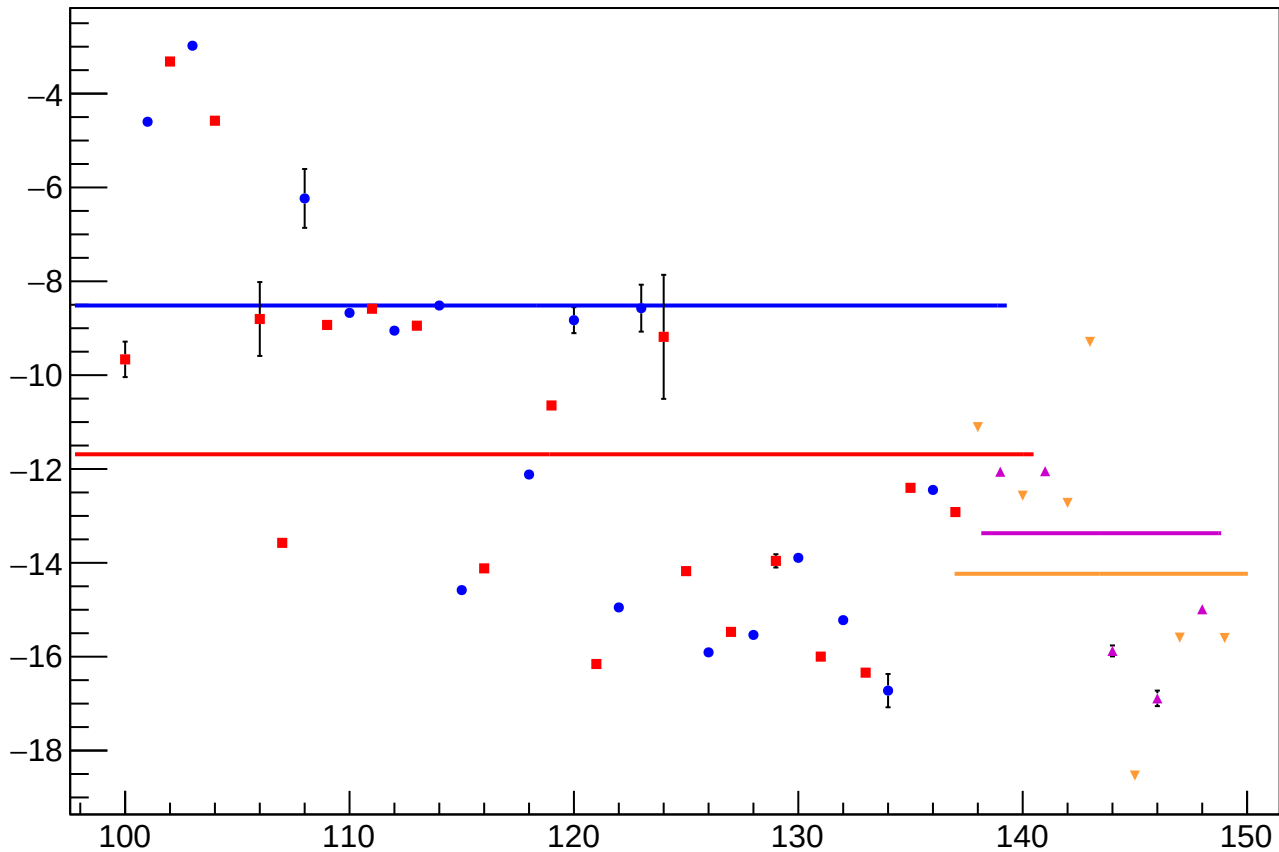
Right: -5.212 ± 0.000 χ^2/NDF : 690660.4/35

In: 0.573 ± 0.010 χ^2/NDF : 7277.6/21

Out: -5.212 ± 0.000 χ^2/NDF : 623489.2/25

All: -5.212 ± 0.000 χ^2/NDF : 937907.4/47

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -8.516 ± 0.000 χ^2/NDF : 245356.0/16

Left Out: -14.233 ± 0.017 χ^2/NDF : 26759.6/6

Right Out: -11.687 ± 0.012 χ^2/NDF : 108168.0/18

Left In: -13.368 ± 0.023 χ^2/NDF : 4607.9/4

Left: -13.937 ± 0.014 χ^2/NDF : 32291.3/11

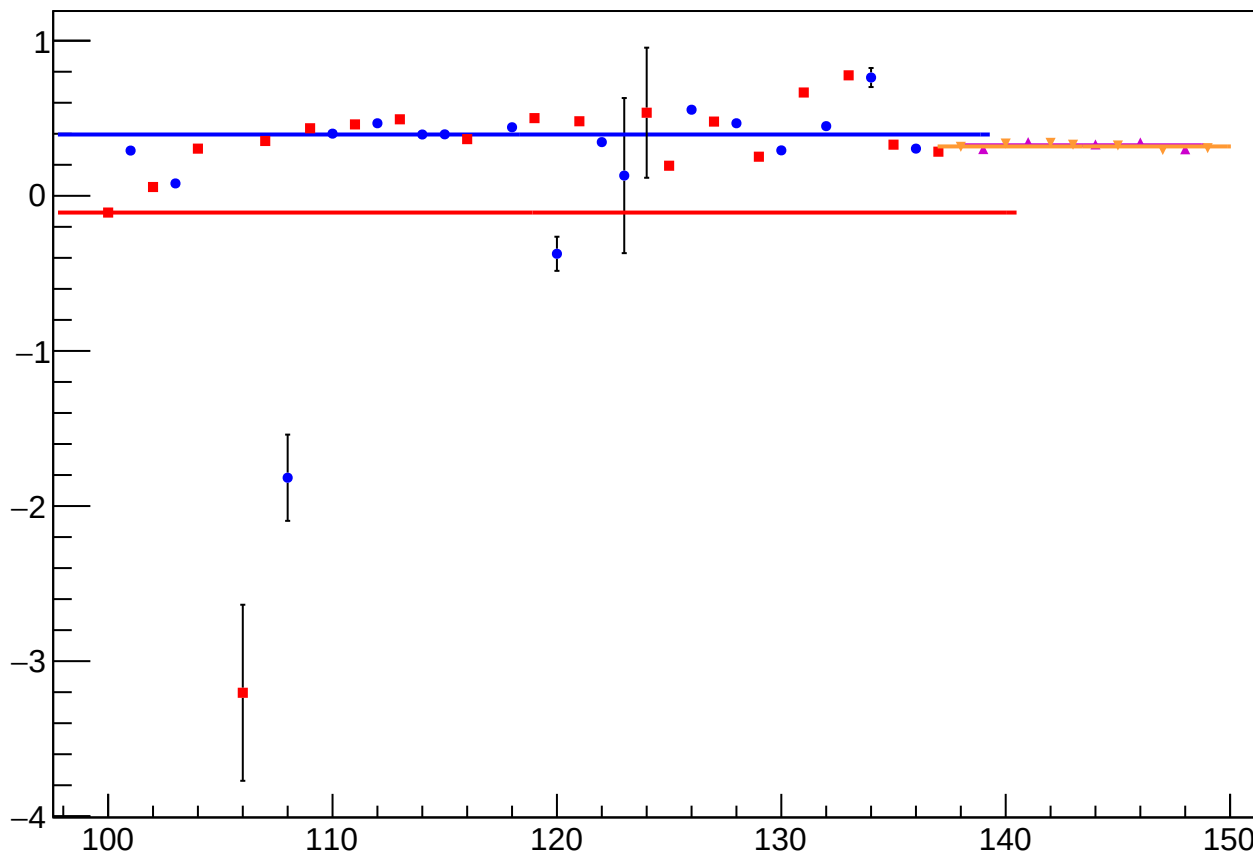
Right: -8.516 ± 0.000 χ^2/NDF : 428263.5/35

In: -8.516 ± 0.000 χ^2/NDF : 294207.3/21

Out: -12.518 ± 0.010 χ^2/NDF : 150669.4/25

All: -8.516 ± 0.000 χ^2/NDF : 621697.8/47

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.395 ± 0.000 χ^2/NDF : 10311.3/16

Left Out: 0.318 ± 0.000 χ^2/NDF : 1301.1/6

Right Out: -0.108 ± 0.000 χ^2/NDF : 128250.0/18

Left In: 0.326 ± 0.001 χ^2/NDF : 704.8/4

Left: 0.321 ± 0.000 χ^2/NDF : 2091.0/11

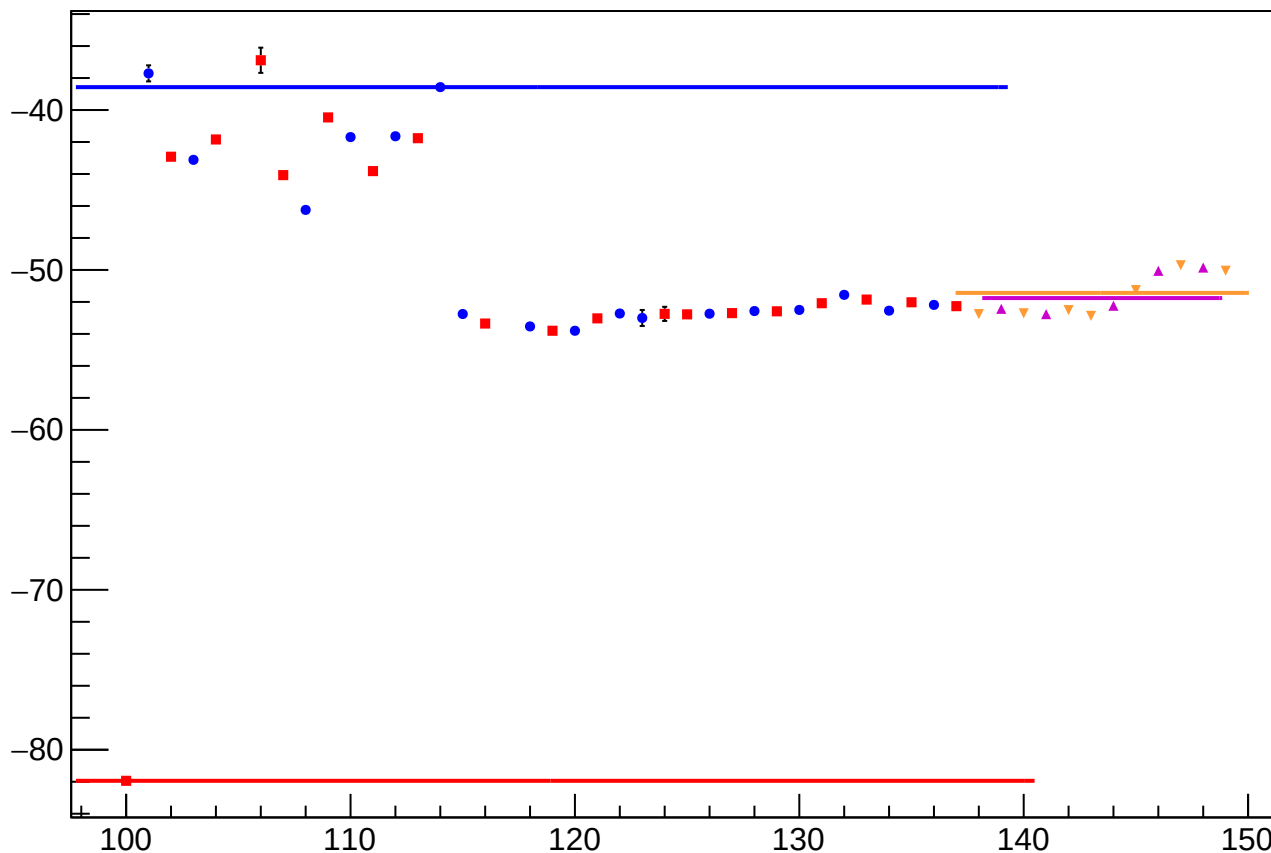
Right: -0.056 ± 0.000 χ^2/NDF : 8110213490538816

In: 0.395 ± 0.000 χ^2/NDF : 22126.1/21

Out: -0.108 ± 0.000 χ^2/NDF : 956648.3/25

All: -0.056 ± 0.000 χ^2/NDF : 8110213490538

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.570 ± 0.000 $\chi^2/\text{NDF}: 12311757.7/16$

Left Out: -51.435 ± 0.004 $\chi^2/\text{NDF}: 133965.4/6$

Right Out: -81.941 ± 0.000 $\chi^2/\text{NDF}: 120351577.0/18$

Left In: -51.759 ± 0.005 $\chi^2/\text{NDF}: 54681.5/4$

Left: -51.546 ± 0.003 $\chi^2/\text{NDF}: 191117.3/11$

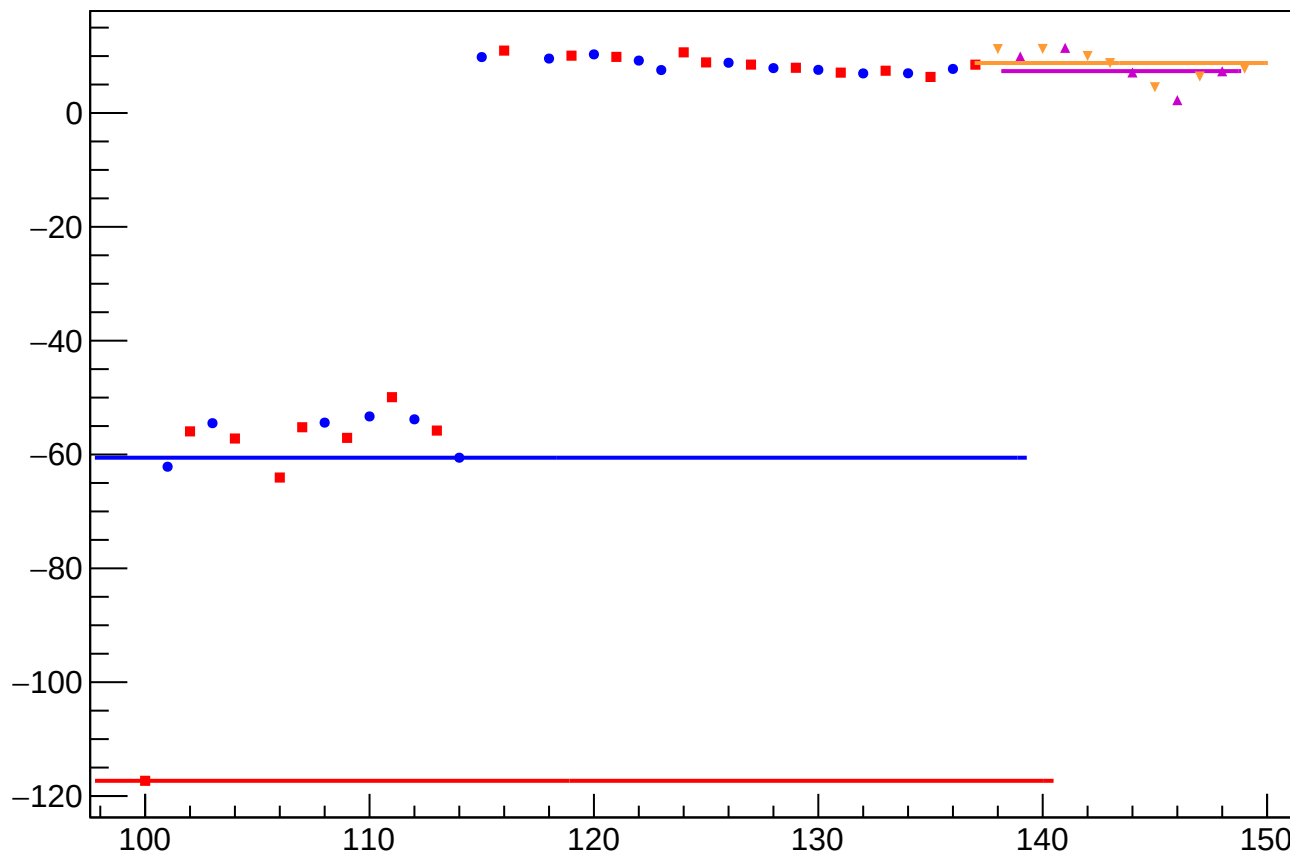
Right: -43.774 ± 0.000 $\chi^2/\text{NDF}: 491816286535349$

In: -38.570 ± 0.000 $\chi^2/\text{NDF}: 18610695.8/21$

Out: -81.941 ± 0.000 $\chi^2/\text{NDF}: 184395146.9/25$

All: -43.774 ± 0.000 $\chi^2/\text{NDF}: 491816286535$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.561+/-0.000 χ^2/NDF : 179199478.6/16

Left Out: 8.782+/-0.010 χ^2/NDF : 35596.8/6

Right Out: -117.324+/-0.000 χ^2/NDF : 218537776.8/18

Left In: 7.359+/-0.013 χ^2/NDF : 72720.8/4

Left: 8.204+/-0.008 χ^2/NDF : 115958.9/11

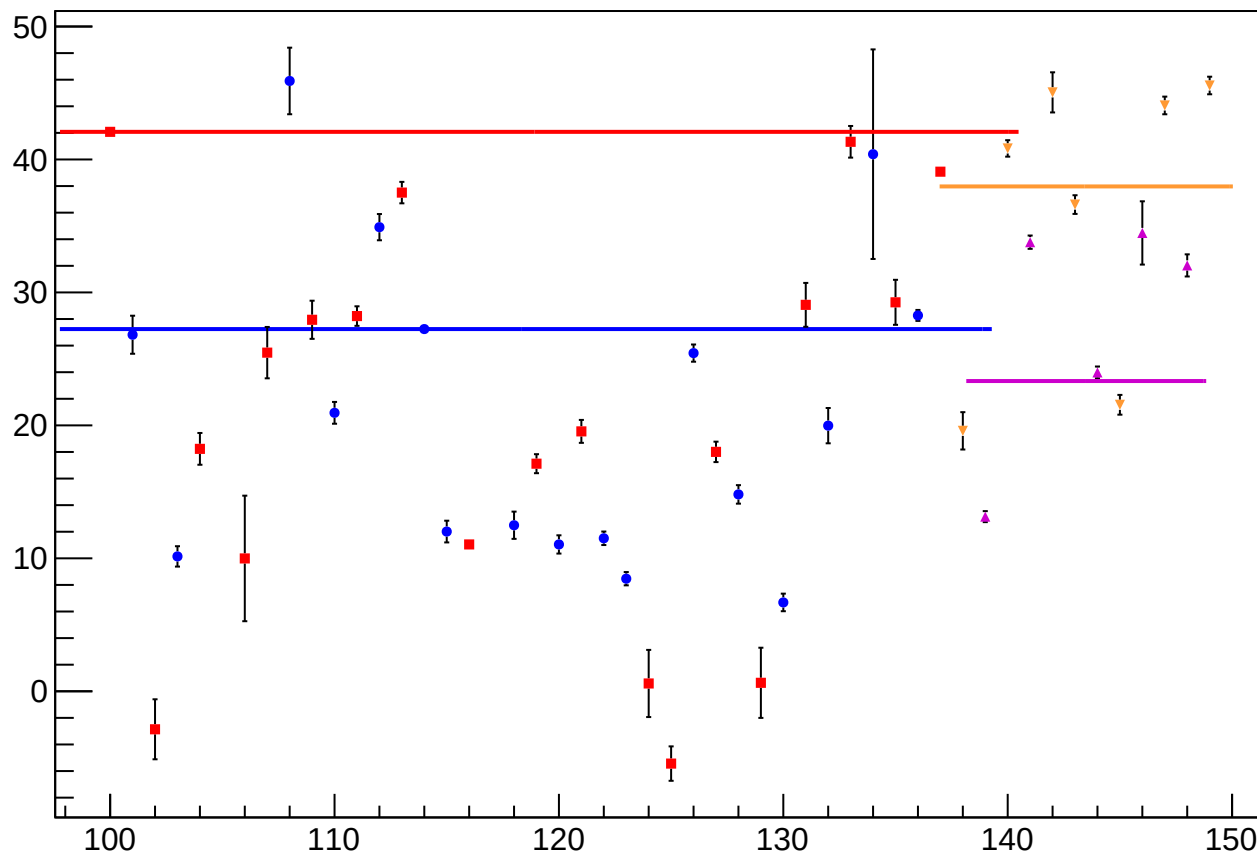
Right: -91.839+/-0.000 χ^2/NDF : 429805156128459

In: -60.561+/-0.000 χ^2/NDF : 208612474.8/21

Out: -117.324+/-0.000 χ^2/NDF : 366234852.3/25

All: -91.839+/-0.000 χ^2/NDF : 429805156128

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 27.244 $\pm$ 0.000 χ^2 /NDF: 5492.1/16

Left Out: 37.972 $\pm$ 0.289 χ^2 /NDF:921.9/6

Right Out: 42.078 $\pm$ 0.000 χ^2 /NDF: 38215.8/18

Left In: 23.335 $\pm$ 0.246 χ^2 /NDF:1173.9/4

Left: 29.484 $\pm$ 0.188 χ^2 /NDF: 3580.3/11

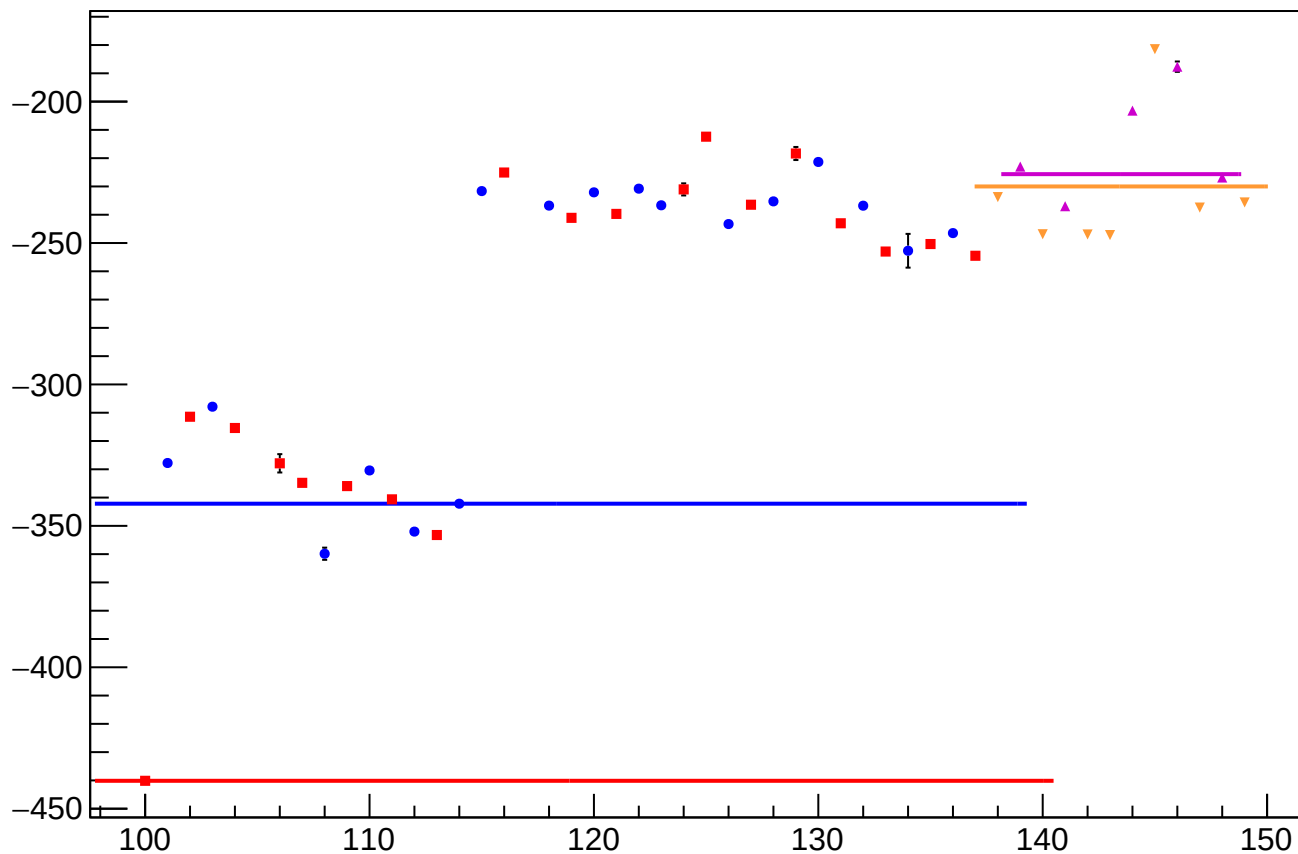
Right: 35.418 $\pm$ 0.000 χ^2 /NDF: 1174117197606931

In: 27.244 $\pm$ 0.000 χ^2 /NDF:6918.1/21

Out: 42.078 $\pm$ 0.000 χ^2 /NDF:39339.2/25

All: 35.418 $\pm$ 0.000 χ^2 /NDF: 1174117197606

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -342.165 ± 0.000 $\chi^2/\text{NDF}: 307562.3/16$

Left Out: -230.001 ± 0.234 $\chi^2/\text{NDF}: 10433.4/6$

Right Out: -440.136 ± 0.000 $\chi^2/\text{NDF}: 6836158.8/18$

Left In: -225.648 ± 0.236 $\chi^2/\text{NDF}: 2118.4/4$

Left: -227.843 ± 0.166 $\chi^2/\text{NDF}: 12722.9/11$

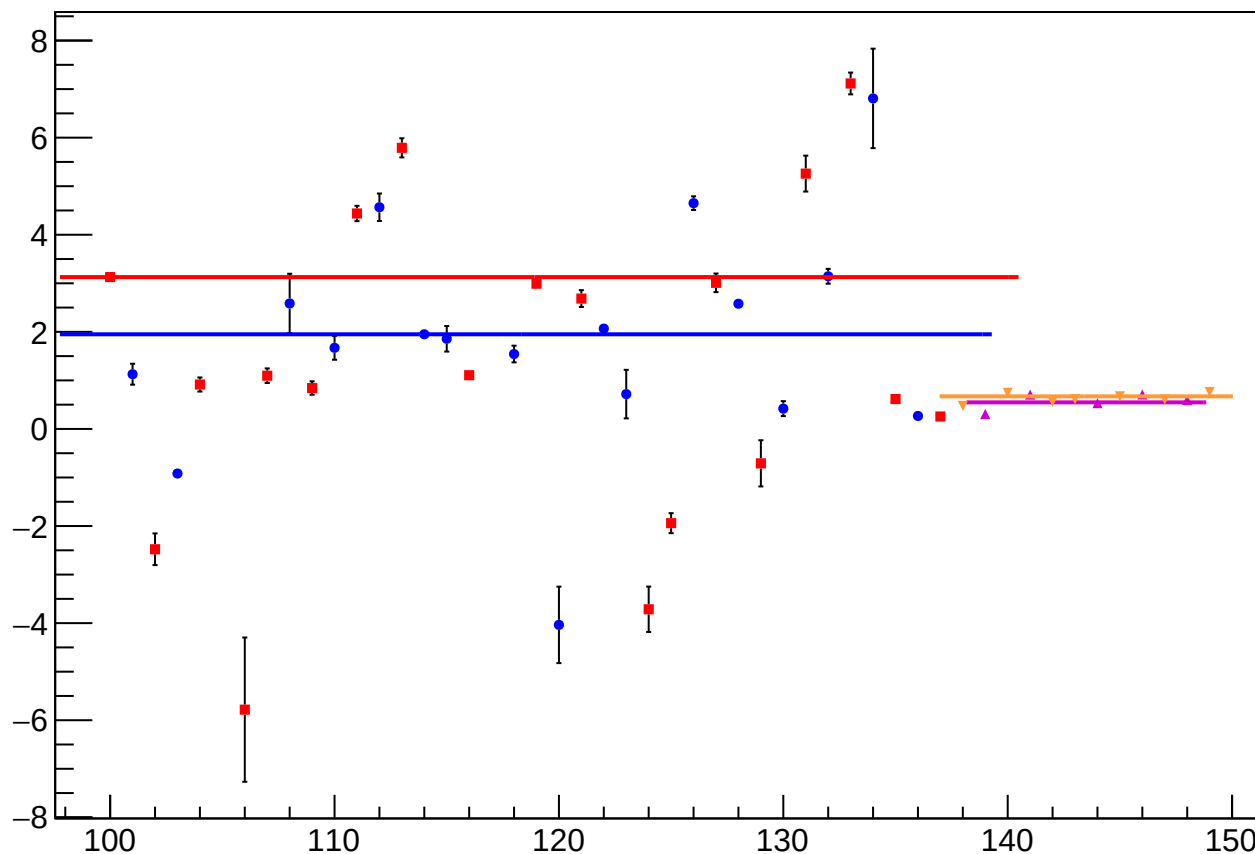
Right: -376.743 ± 0.000 $\chi^2/\text{NDF}: 11532667116612$

In: -342.165 ± 0.000 $\chi^2/\text{NDF}: 552817.2/21$

Out: -440.136 ± 0.000 $\chi^2/\text{NDF}: 7651460.1/25$

All: -376.743 ± 0.000 $\chi^2/\text{NDF}: 11532667116$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.950 ± 0.000 χ^2/NDF : 64103.9/16

Left Out: 0.671 ± 0.004 χ^2/NDF : 463.5/6

Right Out: 3.128 ± 0.000 χ^2/NDF : 24965.4/18

Left In: 0.547 ± 0.004 χ^2/NDF : 1611.7/4

Left: 0.614 ± 0.003 χ^2/NDF : 2580.1/11

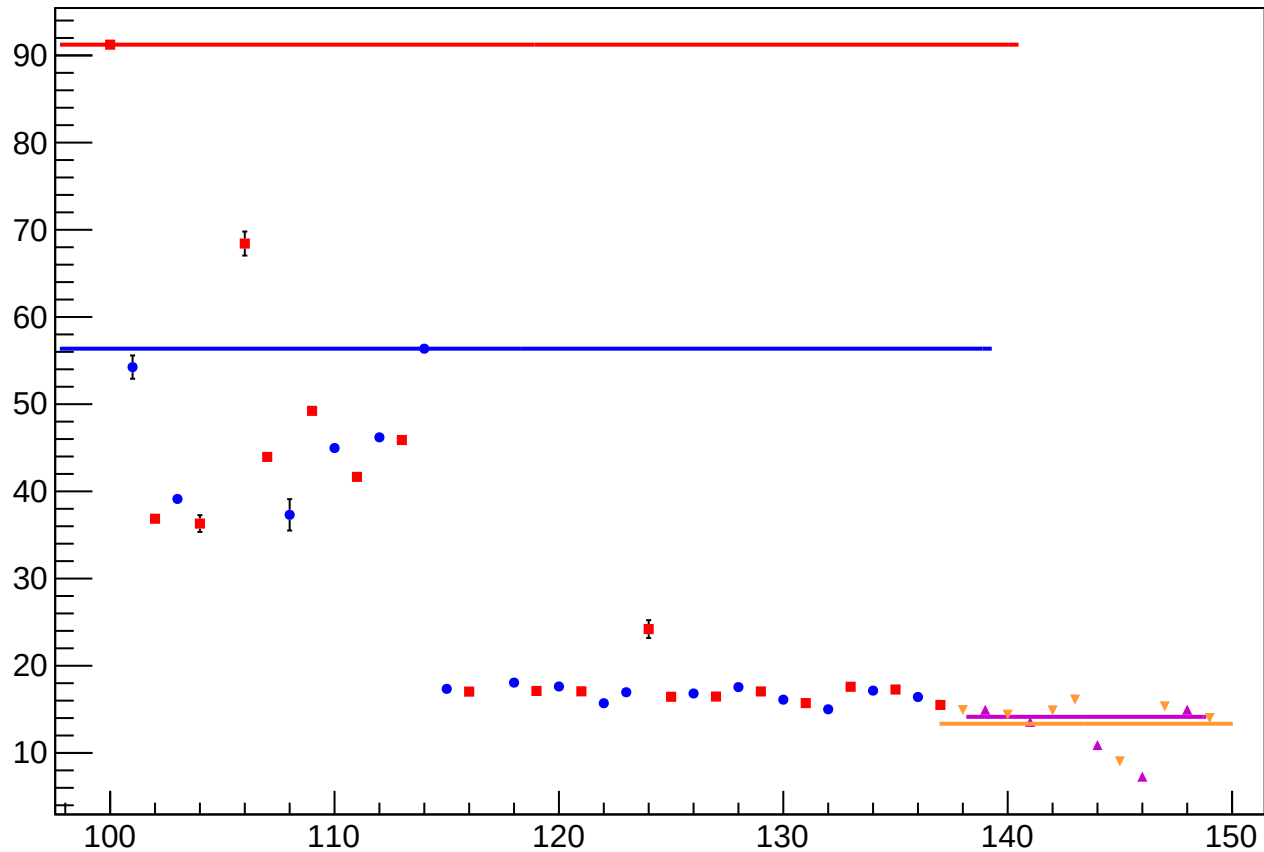
Right: 2.366 ± 0.000 χ^2/NDF : 27324586822992261

In: 1.950 ± 0.000 χ^2/NDF : 186283.8/21

Out: 3.128 ± 0.000 χ^2/NDF : 454935.7/25

All: 2.366 ± 0.000 χ^2/NDF : 27324586822992

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 56.366+/-0.000 χ^2/NDF : 8017656.1/16

Left Out: 13.347+/-0.014 χ^2/NDF : 40226.7/6

Right Out: 91.232+/-0.000 χ^2/NDF : 17922403.4/18

Left In: 14.140+/-0.023 χ^2/NDF : 4961.1/4

Left: 13.563+/-0.012 χ^2/NDF : 46072.4/11

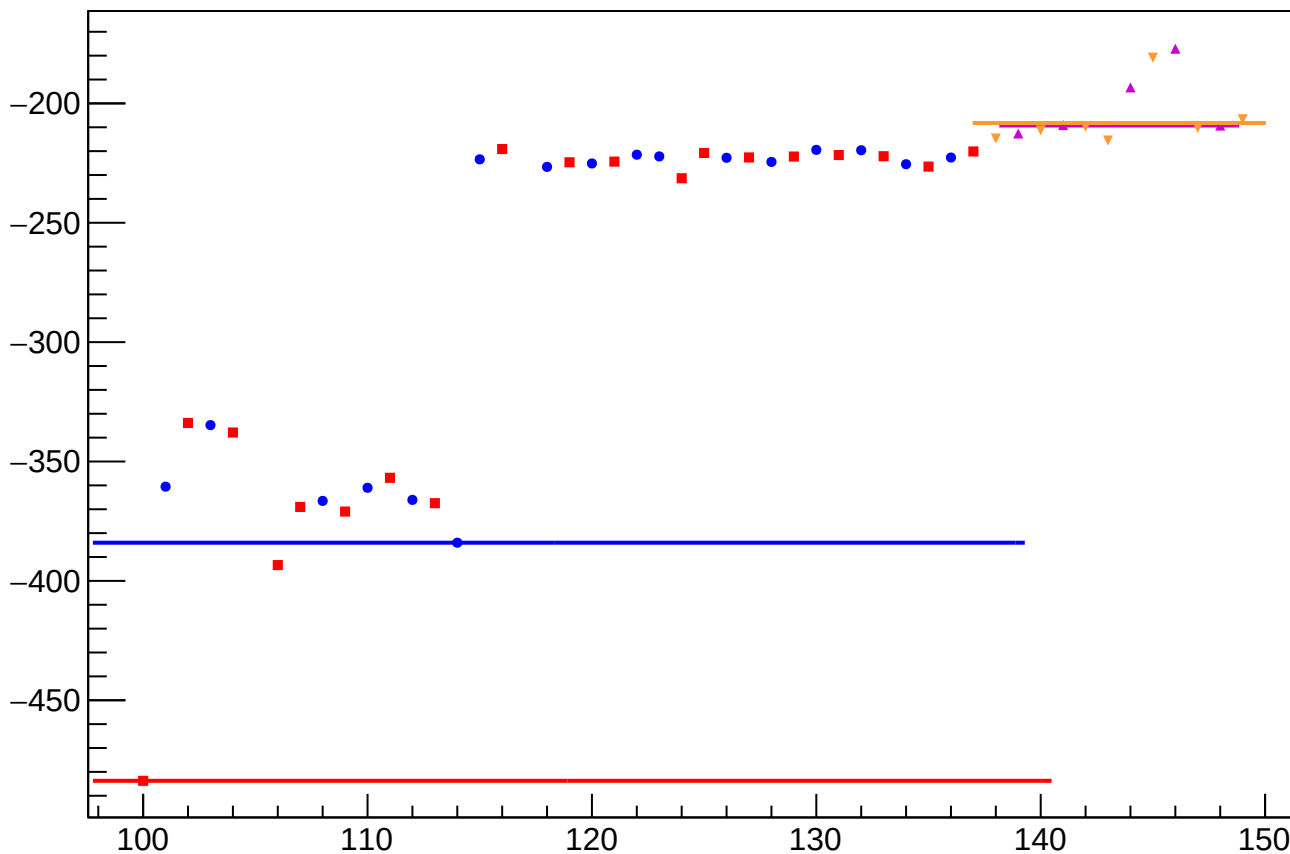
Right: 60.550+/-0.000 χ^2/NDF : 3178336126771154

In: 56.366+/-0.000 χ^2/NDF : 11467805.5/21

Out: 91.232+/-0.000 χ^2/NDF : 49312740.5/25

All: 60.550+/-0.000 χ^2/NDF : 3178336126771

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -384.003+/-0.000 χ^2/NDF : 17098507.2/16

Left Out: -208.206+/-0.027 χ^2/NDF : 67662.3/6

Right Out: -483.735+/-0.000 χ^2/NDF : 27646775.0/18

Left In: -209.266+/-0.038 χ^2/NDF : 8959.2/4

Left: -208.553+/-0.022 χ^2/NDF : 77139.3/11

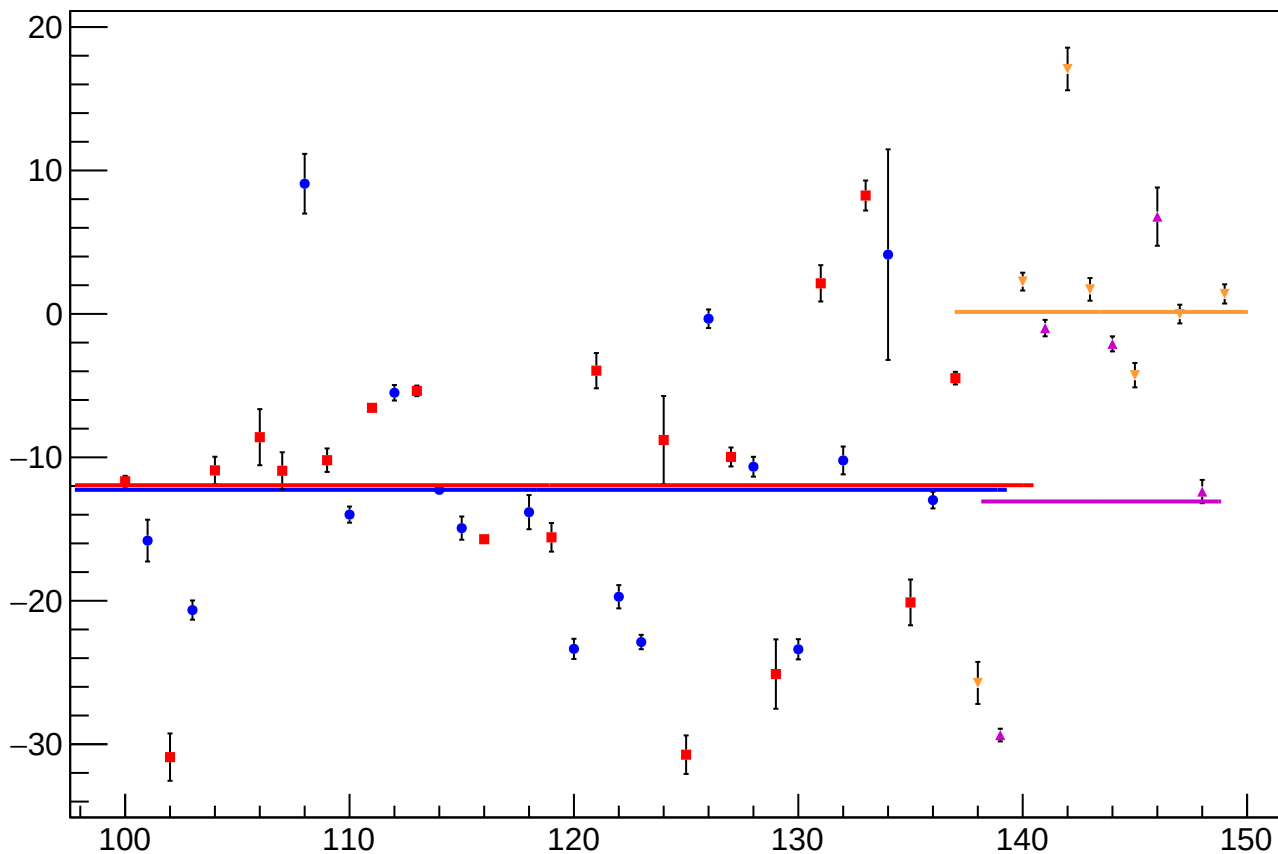
Right: -452.390+/-0.000 χ^2/NDF : 58047820362383

In: -384.003+/-0.000 χ^2/NDF : 38025423.6/21

Out: -483.735+/-0.000 χ^2/NDF : 134731617.8/25

All: -452.390+/-0.000 χ^2/NDF : 58047820362

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -12.264 ± 0.000 $\chi^2/\text{NDF}: 1844.2/16$

Left Out: 0.139 ± 0.301 $\chi^2/\text{NDF}: 486.6/6$

Right Out: -11.943 ± 0.108 $\chi^2/\text{NDF}: 2527.1/18$

Left In: -13.077 ± 0.272 $\chi^2/\text{NDF}: 2329.5/4$

Left: -7.132 ± 0.202 $\chi^2/\text{NDF}: 3879.7/11$

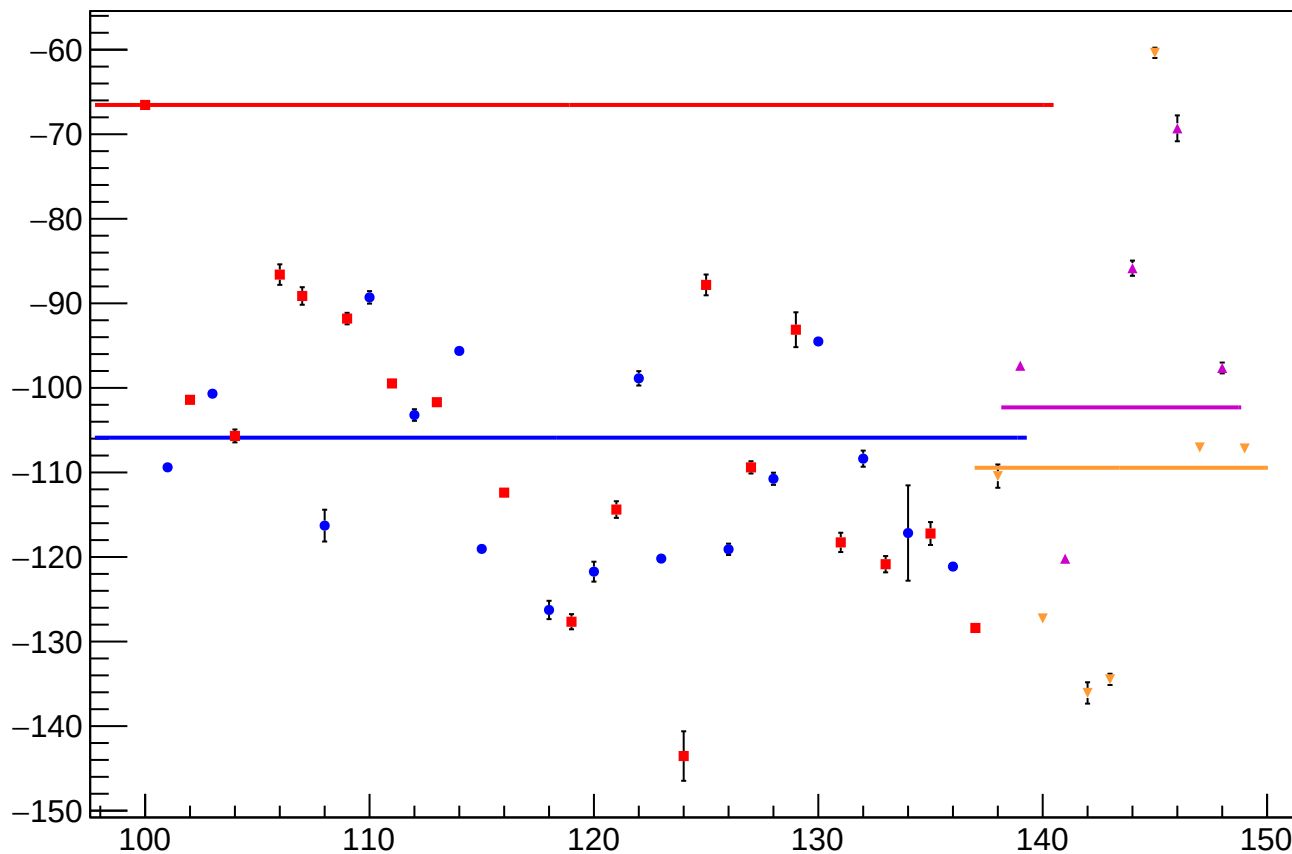
Right: -12.264 ± 0.000 $\chi^2/\text{NDF}: 4380.1/35$

In: -12.264 ± 0.000 $\chi^2/\text{NDF}: 4182.6/21$

Out: -10.566 ± 0.101 $\chi^2/\text{NDF}: 4445.5/25$

All: -12.264 ± 0.000 $\chi^2/\text{NDF}: 8907.9/47$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -105.886 ± 0.108 $\chi^2/\text{NDF}: 6351.6/16$

Left Out: -109.445 ± 0.241 $\chi^2/\text{NDF}: 9732.8/6$

Right Out: -66.536 ± 0.000 $\chi^2/\text{NDF}: 794335.4/18$

Left In: -102.306 ± 0.244 $\chi^2/\text{NDF}: 2561.9/4$

Left: -105.927 ± 0.171 $\chi^2/\text{NDF}: 12727.8/11$

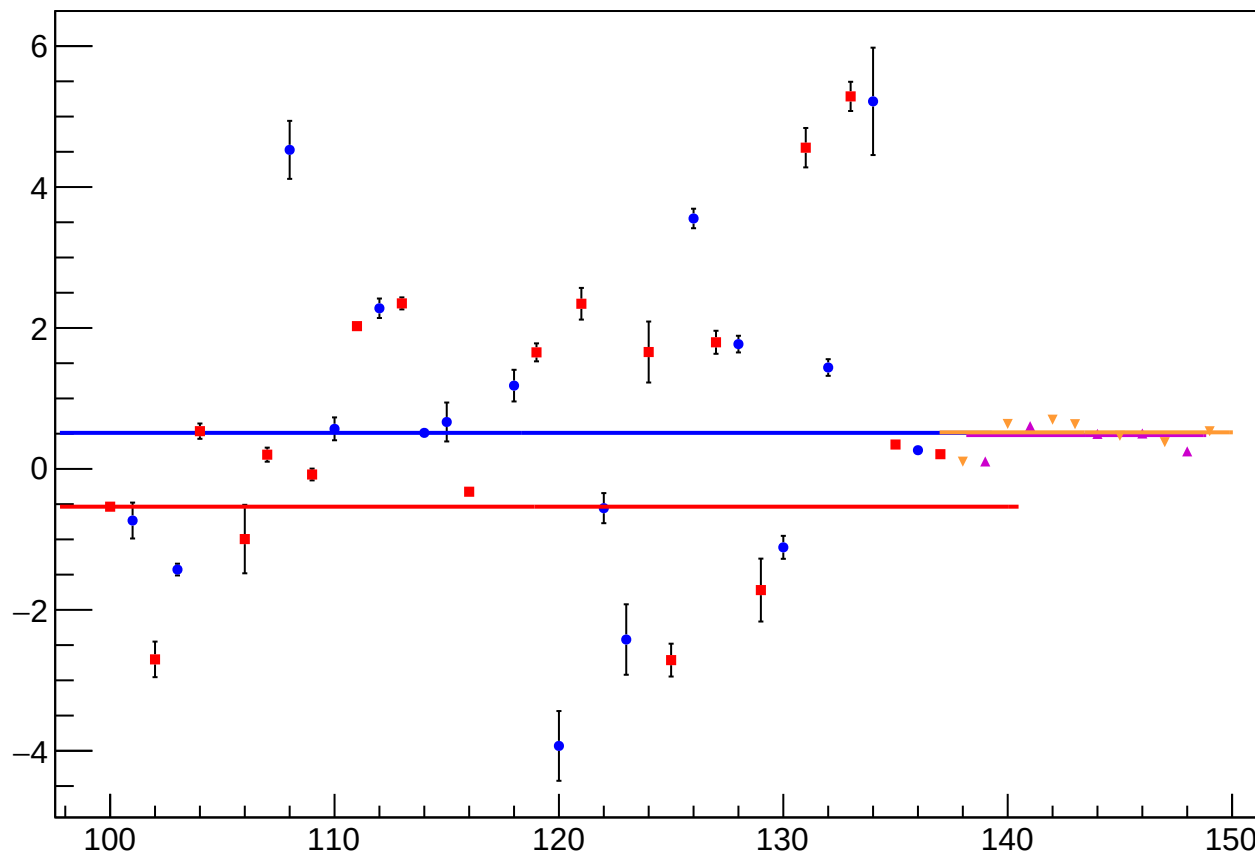
Right: -66.536 ± 0.000 $\chi^2/\text{NDF}: 934616.3/35$

In: -105.305 ± 0.098 $\chi^2/\text{NDF}: 9093.5/21$

Out: -66.536 ± 0.000 $\chi^2/\text{NDF}: 835825.6/25$

All: -66.536 ± 0.000 $\chi^2/\text{NDF}: 1000110.8/47$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.512 $\pm$ 0.000 χ^2 /NDF: 3863.6/16

Left Out: 0.519 $\pm$ 0.004 χ^2 /NDF:1275.5/6

Right Out: -0.536 $\pm$ 0.000 χ^2 /NDF: 33055.3/18

Left In: 0.480 $\pm$ 0.004 χ^2 /NDF:2561.9/4

Left: 0.496 $\pm$ 0.003 χ^2 /NDF: 3886.6/11

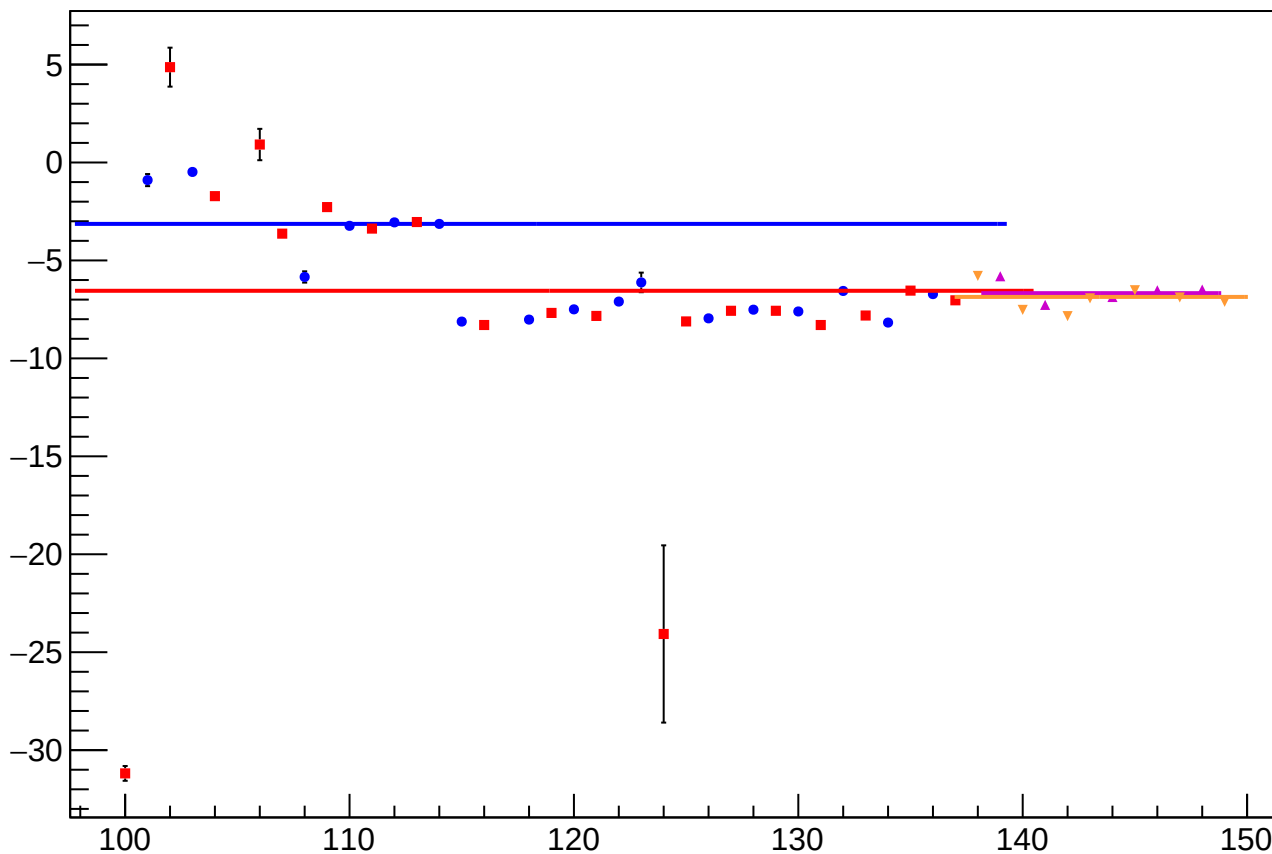
Right: 0.142 $\pm$ 0.000 χ^2 /NDF: 34560328403056077

In: 0.512 $\pm$ 0.000 χ^2 /NDF:6503.3/21

Out: -0.536 $\pm$ 0.000 χ^2 /NDF:95718.4/25

All: 0.142 $\pm$ 0.000 χ^2 /NDF: 34560328403056

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -3.134 ± 0.000 χ^2/NDF : 368547.6/16

Left Out: -6.862 ± 0.010 χ^2/NDF : 1586.3/6

Right Out: -6.549 ± 0.008 χ^2/NDF : 92207.3/18

Left In: -6.671 ± 0.009 χ^2/NDF : 2737.6/4

Left: -6.757 ± 0.007 χ^2/NDF : 4520.8/11

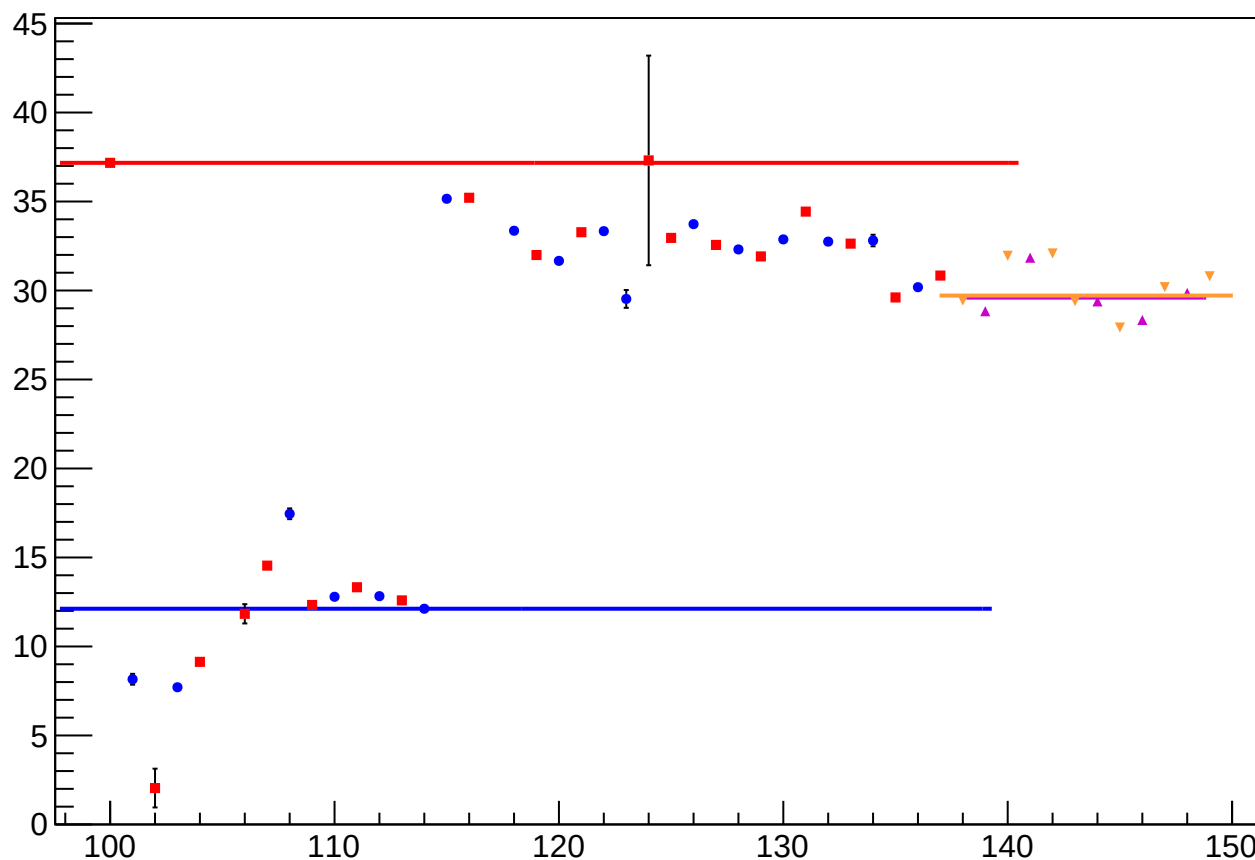
Right: -3.134 ± 0.000 χ^2/NDF : 667054.5/35

In: -3.134 ± 0.000 χ^2/NDF : 519229.4/21

Out: -6.661 ± 0.006 χ^2/NDF : 94409.8/25

All: -3.134 ± 0.000 χ^2/NDF : 955128.3/47

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 12.121+/-0.000 χ^2/NDF : 1993680.8/16

Left Out: 29.716+/-0.018 χ^2/NDF : 6560.2/6

Right Out: 37.173+/-0.000 χ^2/NDF : 1531278.0/18

Left In: 29.601+/-0.023 χ^2/NDF : 1450.3/4

Left: 29.670+/-0.014 χ^2/NDF : 8025.8/11

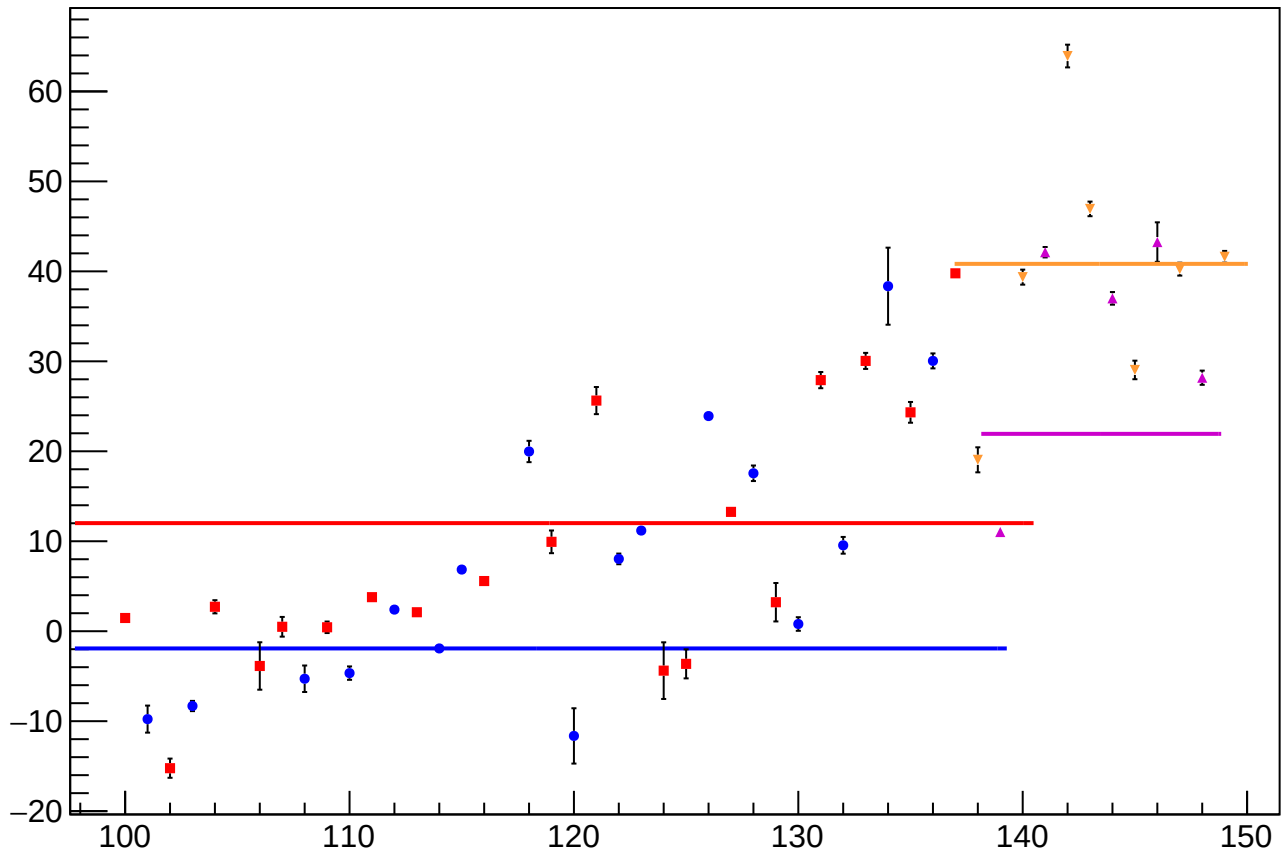
Right: 15.127+/-0.000 χ^2/NDF : 6563554116066231

In: 12.121+/-0.000 χ^2/NDF : 2578306.5/21

Out: 37.173+/-0.000 χ^2/NDF : 1700878.5/25

All: 15.127+/-0.000 χ^2/NDF : 6563554116066231

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -1.915 ± 0.000 χ^2/NDF : 6338.8/16

Left Out: 40.832 ± 0.328 χ^2/NDF : 772.0/6

Right Out: 12.014 ± 0.135 χ^2/NDF : 12576.1/18

Left In: 21.937 ± 0.247 χ^2/NDF : 2978.0/4

Left: 28.764 ± 0.197 χ^2/NDF : 5871.4/11

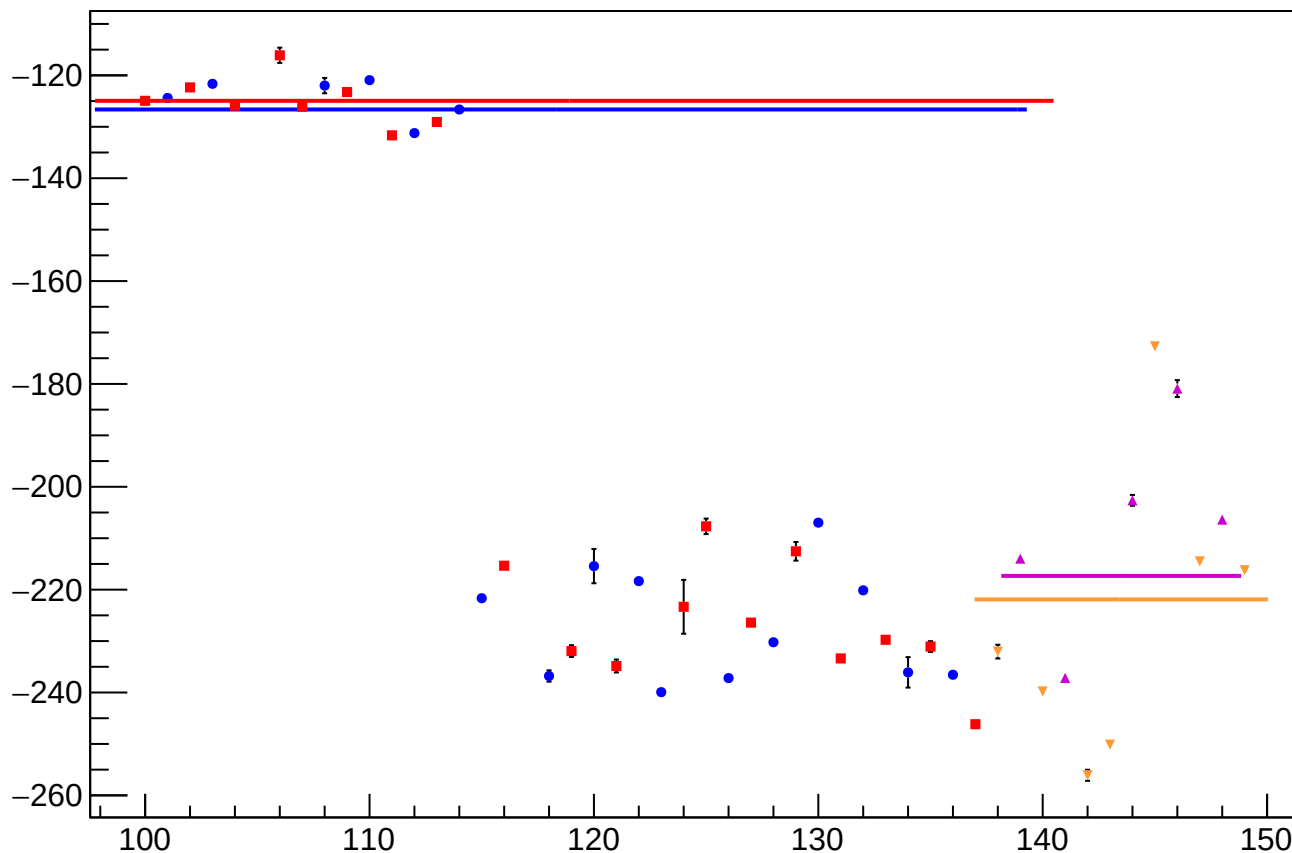
Right: -1.915 ± 0.000 χ^2/NDF : 29534.8/35

In: -1.915 ± 0.000 χ^2/NDF : 18673.1/21

Out: 16.200 ± 0.125 χ^2/NDF : 19952.0/25

All: -1.915 ± 0.000 χ^2/NDF : 59641.5/47

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -126.632 $\pm$ 0.000 χ^2 /NDF: 278525.1/16

Left Out: -221.897 $\pm$ 0.270 χ^2 /NDF:8345.1/6

Right Out: -124.949 $\pm$ 0.000 χ^2 /NDF: 470459.3/18

Left In: -217.323 $\pm$ 0.218 χ^2 /NDF:3038.8/4

Left: -219.123 $\pm$ 0.170 χ^2 /NDF: 11557.5/11

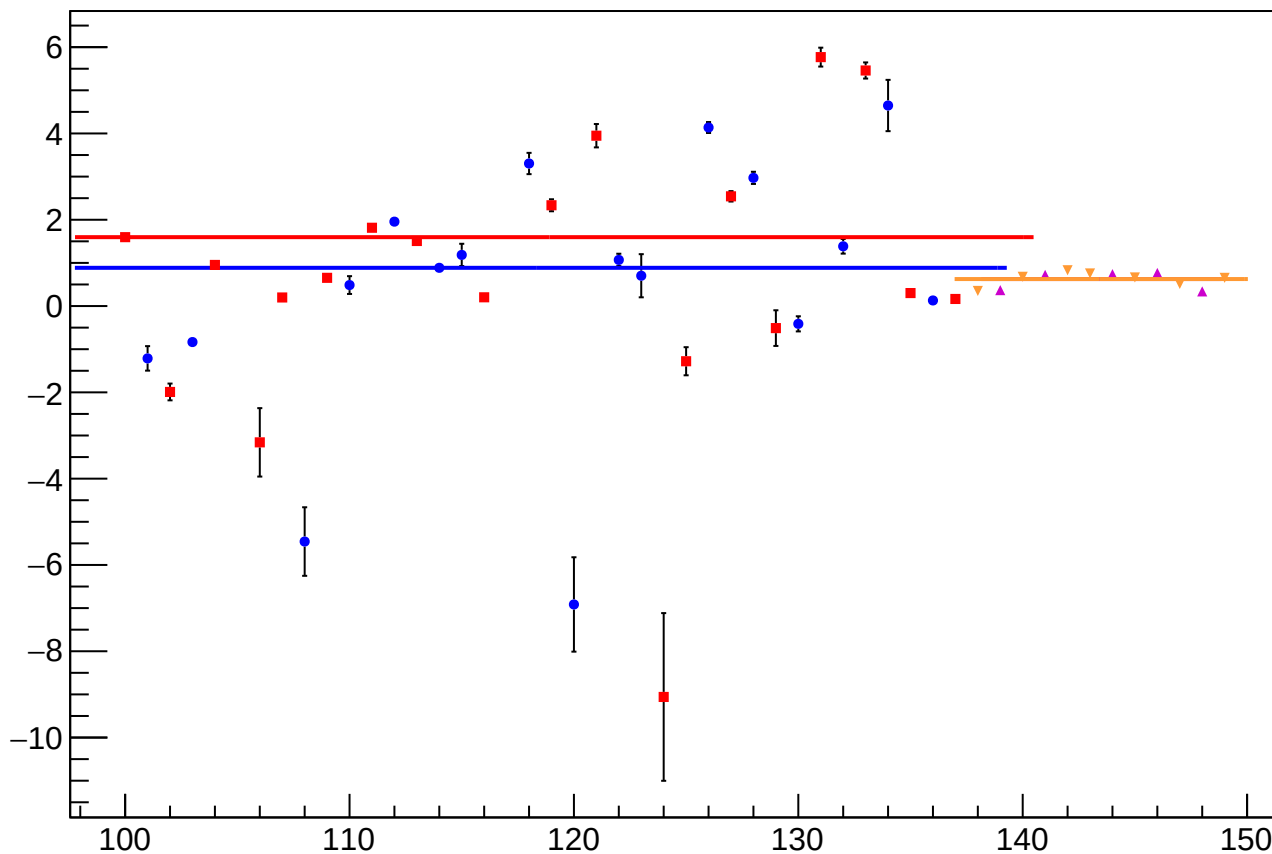
Right: -126.038 $\pm$ 0.000 χ^2 /NDF: 60537895424820

In: -126.632 $\pm$ 0.000 χ^2 /NDF:455025.0/21

Out: -124.949 $\pm$ 0.000 χ^2 /NDF:607491.8/25

All: -126.038 $\pm$ 0.000 χ^2 /NDF: 60537895424

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.886 $\pm$ 0.000 χ^2 /NDF: 9294.4/16

Left Out: 0.626 $\pm$ 0.005 χ^2 /NDF:683.7/6

Right Out: 1.597 $\pm$ 0.000 χ^2 /NDF: 4615.5/18

Left In: 0.626 $\pm$ 0.005 χ^2 /NDF:1019.7/4

Left: 0.626 $\pm$ 0.004 χ^2 /NDF: 1703.4/11

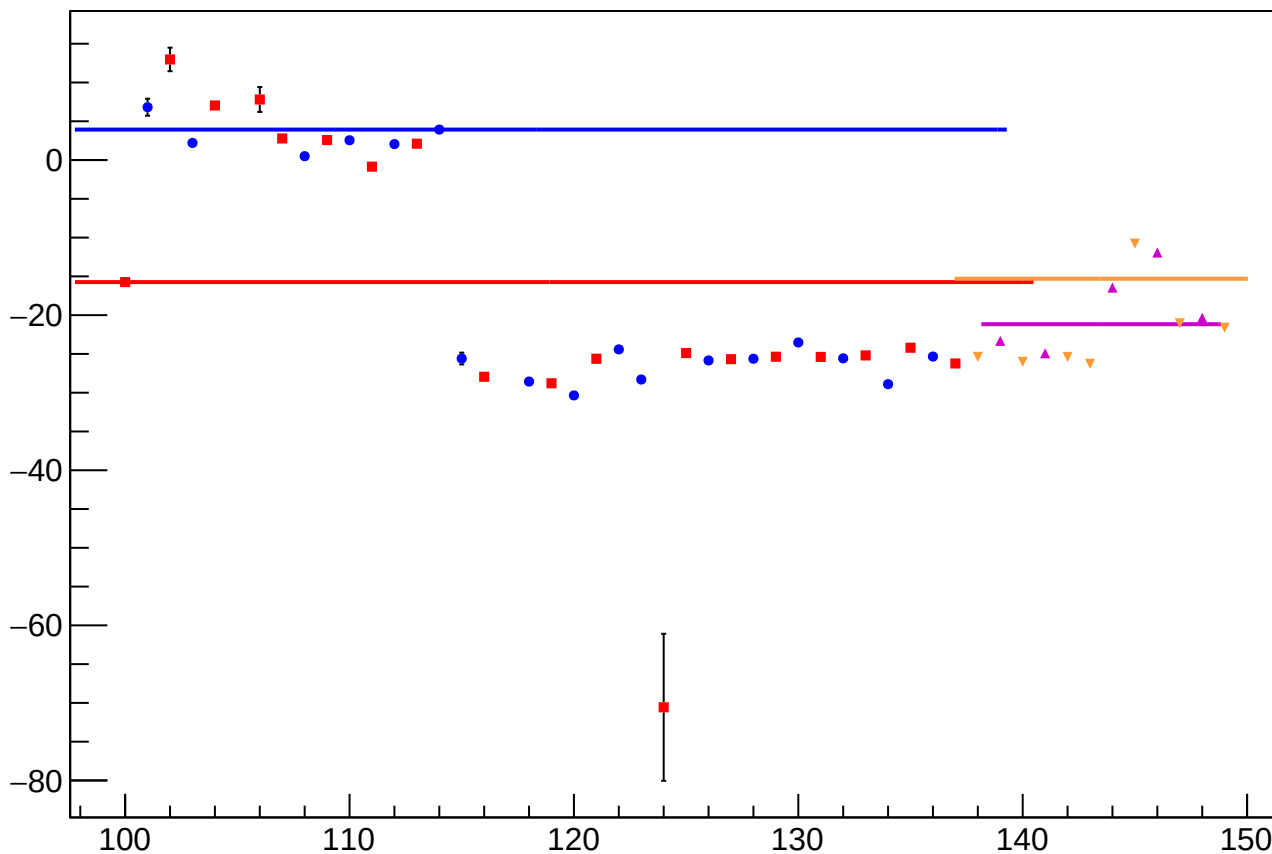
Right: 1.137 $\pm$ 0.000 χ^2 /NDF: 39737604737084083

In: 0.886 $\pm$ 0.000 χ^2 /NDF:12712.0/21

Out: 1.597 $\pm$ 0.000 χ^2 /NDF:41786.2/25

All: 1.137 $\pm$ 0.000 χ^2 /NDF: 39737604737084083

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 3.930 ± 0.000 χ^2/NDF : 6140834.2/16

Left Out: -15.305 ± 0.021 χ^2/NDF : 90903.1/6

Right Out: -15.737 ± 0.000 χ^2/NDF : 267951.2/18

Left In: -21.168 ± 0.043 χ^2/NDF : 7859.2/4

Left: -16.415 ± 0.019 χ^2/NDF : 113677.0/11

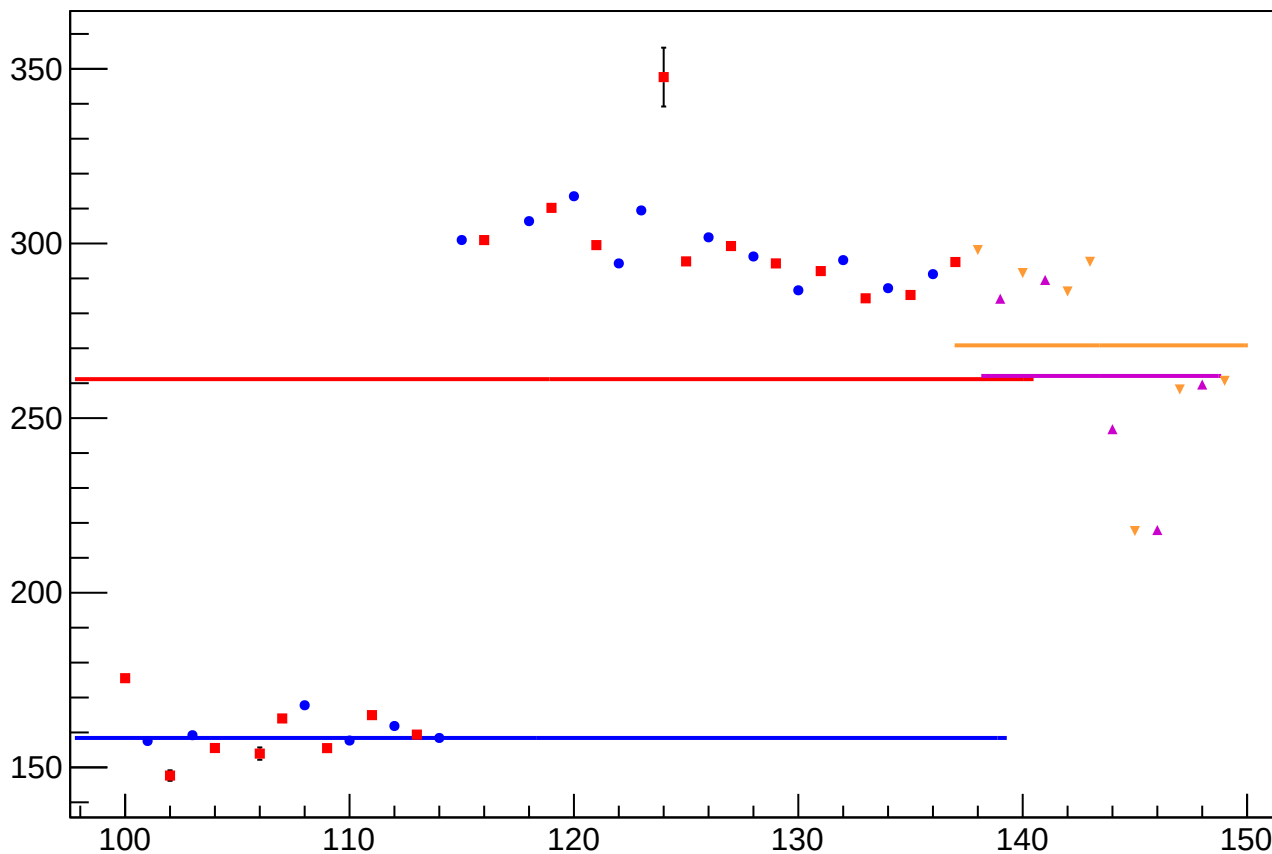
Right: 3.282 ± 0.000 χ^2/NDF : 71120480173548026

In: 3.930 ± 0.000 χ^2/NDF : 6485813.5/21

Out: -15.737 ± 0.000 χ^2/NDF : 359281.1/25

All: 3.282 ± 0.000 χ^2/NDF : 71120480173548

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.426+/-0.000 χ^2/NDF : 3516706.2/16

Left Out: 270.831+/-0.064 χ^2/NDF : 182553.5/6

Right Out: 261.159+/-0.058 χ^2/NDF : 1071248.7/18

Left In: 262.077+/-0.085 χ^2/NDF : 34697.7/4

Left: 267.628+/-0.051 χ^2/NDF : 224049.9/11

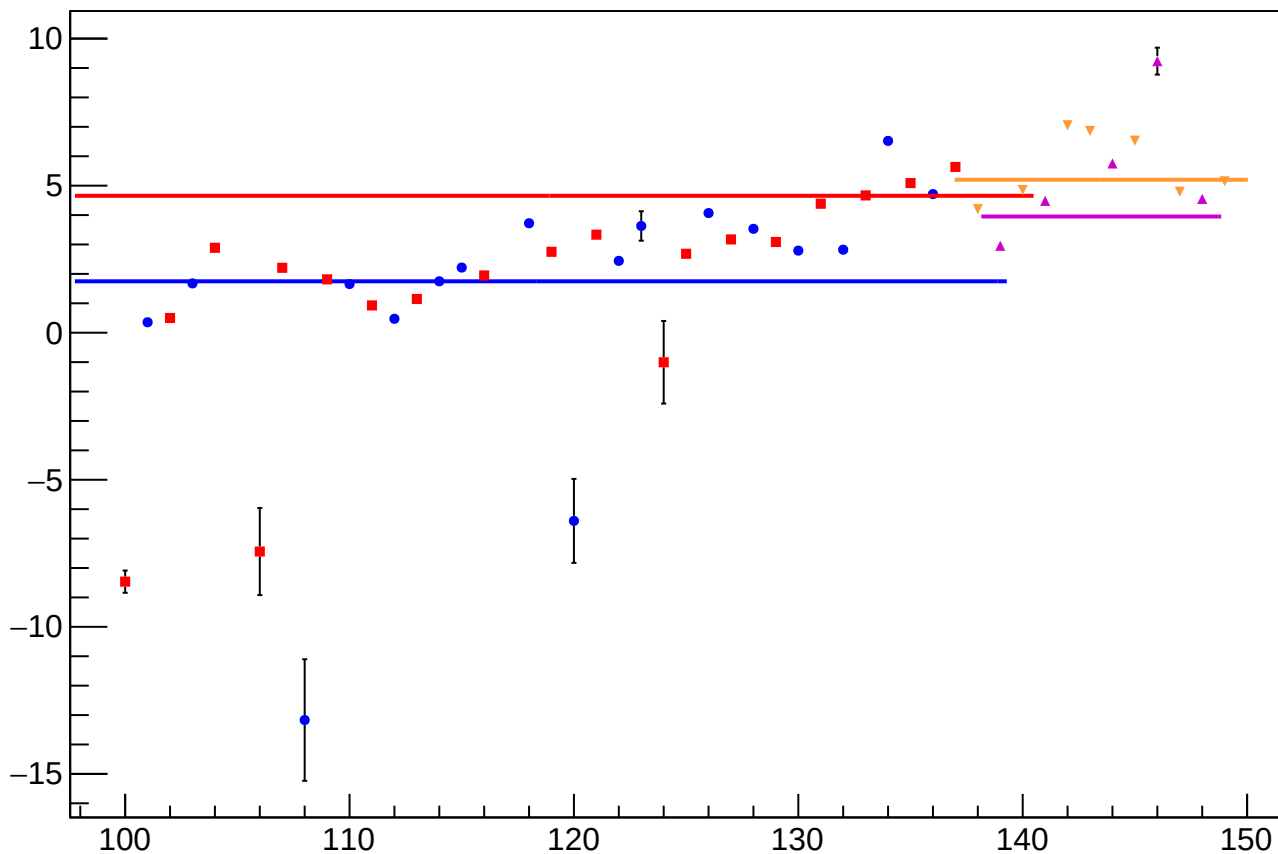
Right: 158.426+/-0.000 χ^2/NDF : 7687009.8/35

In: 158.426+/-0.000 χ^2/NDF : 5054538.6/21

Out: 265.533+/-0.043 χ^2/NDF : 1266226.7/25

All: 158.426+/-0.000 χ^2/NDF : 12470418.5/47

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 1.748 ± 0.000 $\chi^2/\text{NDF}: 11344.3/16$

Left Out: 5.200 ± 0.022 $\chi^2/\text{NDF}: 653.1/6$

Right Out: 4.656 ± 0.006 $\chi^2/\text{NDF}: 68303.7/18$

Left In: 3.951 ± 0.026 $\chi^2/\text{NDF}: 1533.6/4$

Left: 4.669 ± 0.017 $\chi^2/\text{NDF}: 3528.4/11$

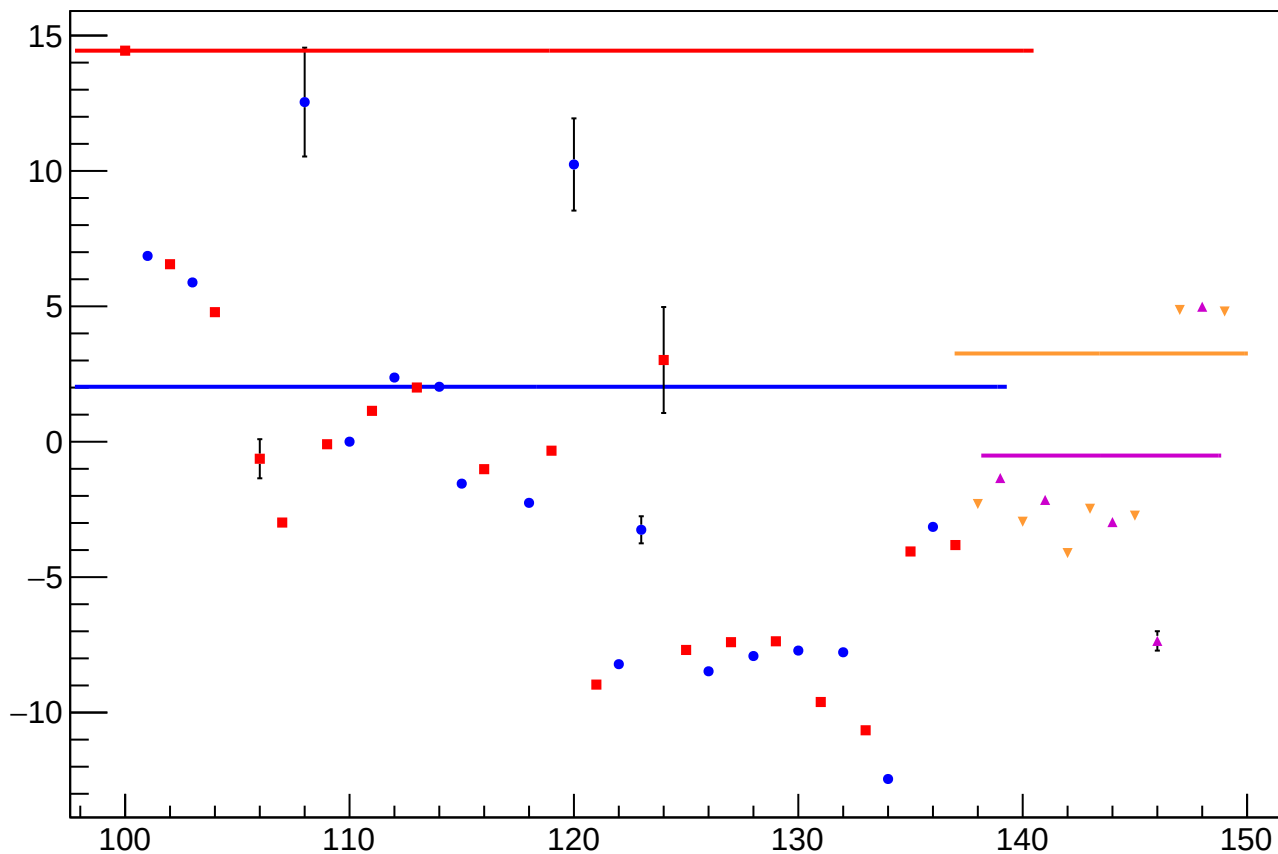
Right: 1.748 ± 0.000 $\chi^2/\text{NDF}: 288719.9/35$

In: 1.748 ± 0.000 $\chi^2/\text{NDF}: 20133.6/21$

Out: 4.697 ± 0.006 $\chi^2/\text{NDF}: 69510.7/25$

All: 1.748 ± 0.000 $\chi^2/\text{NDF}: 322282.5/47$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: 2.030 $\pm$ 0.000 χ^2 /NDF: 202792.6/16

Left Out: 3.259 $\pm$ 0.018 χ^2 /NDF:28187.1/6

Right Out: 14.441 $\pm$ 0.000 χ^2 /NDF: 5836025.9/18

Left In: -0.511 $\pm$ 0.025 χ^2 /NDF:13794.9/4

Left: 1.959 $\pm$ 0.015 χ^2 /NDF: 56386.2/11

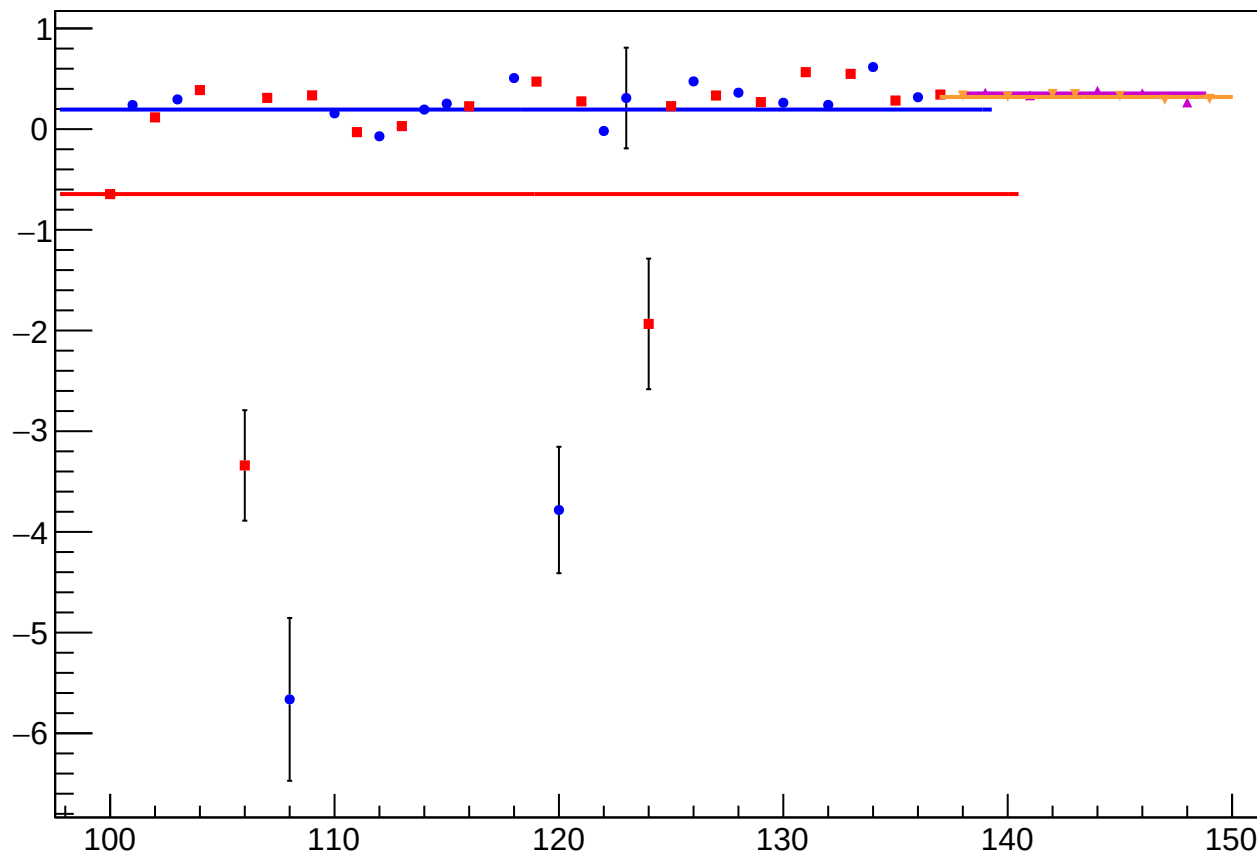
Right: 2.439 $\pm$ 0.000 χ^2 /NDF: 70811145349033114

In: 2.030 $\pm$ 0.000 χ^2 /NDF:226575.9/21

Out: 14.441 $\pm$ 0.000 χ^2 /NDF:6231814.3/25

All: 2.439 $\pm$ 0.000 χ^2 /NDF: 70811145349033114

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.194+/-0.000 χ^2/NDF : 9617.3/16

Left Out: 0.319+/-0.001 χ^2/NDF : 510.7/6

Right Out: -0.645+/-0.000 χ^2/NDF : 191963.2/18

Left In: 0.354+/-0.001 χ^2/NDF : 1211.6/4

Left: 0.332+/-0.001 χ^2/NDF : 2189.9/11

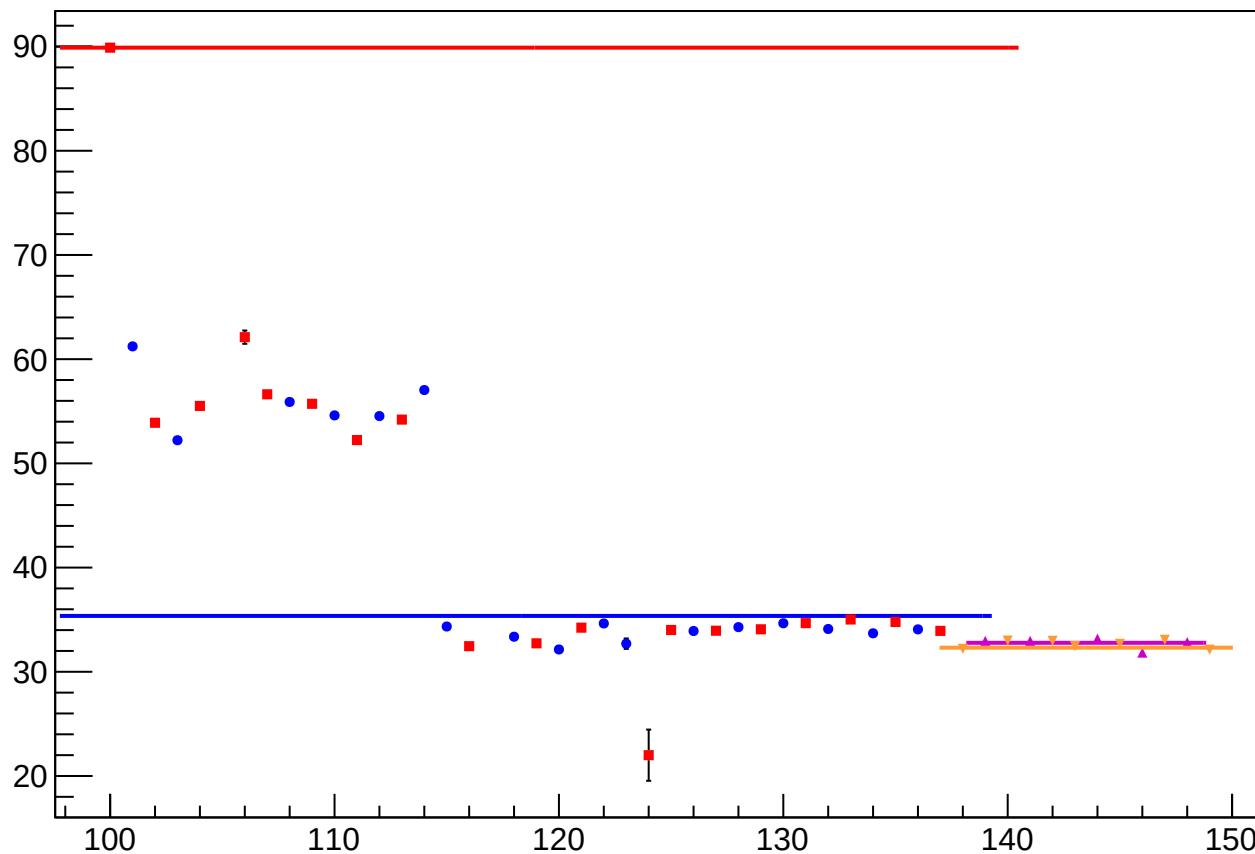
Right: 0.167+/-0.000 χ^2/NDF : 33165765284559017

In: 0.194+/-0.000 χ^2/NDF : 26214.8/21

Out: -0.645+/-0.000 χ^2/NDF : 1214061.8/25

All: 0.167+/-0.000 χ^2/NDF : 33165765284559017

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.361 $\pm$ 0.011 χ^2 /NDF: 204481.2/16

Left Out: 32.313 $\pm$ 0.007 χ^2 /NDF:1808.3/6

Right Out: 89.893 $\pm$ 0.000 χ^2 /NDF: 68670863.1/18

Left In: 32.780 $\pm$ 0.013 χ^2 /NDF:1415.2/4

Left: 32.421 $\pm$ 0.006 χ^2 /NDF: 4205.0/11

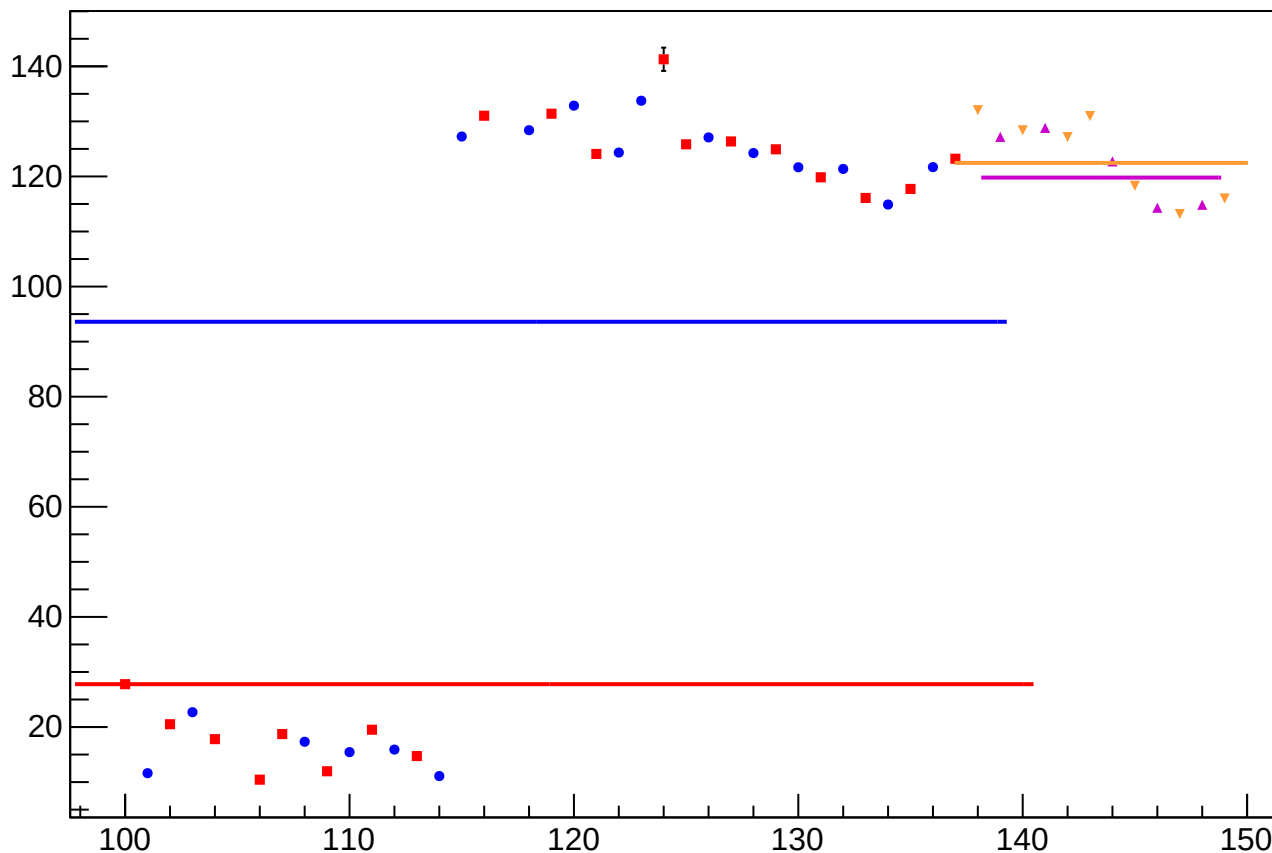
Right: 89.893 $\pm$ 0.000 χ^2 /NDF: 93132320.2/35

In: 34.283 $\pm$ 0.008 χ^2 /NDF:228582.6/21

Out: 89.893 $\pm$ 0.000 χ^2 /NDF:133535869.9/25

All: 89.893 $\pm$ 0.000 χ^2 /NDF: 177081427.7/47

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 93.605 +/- 0.027 χ^2/NDF : 2987877.5/16

Left Out: 122.463 +/- 0.025 χ^2/NDF : 77368.8/6

Right Out: 27.785 +/- 0.000 χ^2/NDF : 7919263.8/18

Left In: 119.793 +/- 0.039 χ^2/NDF : 25441.2/4

Left: 121.666 +/- 0.021 χ^2/NDF : 106110.2/11

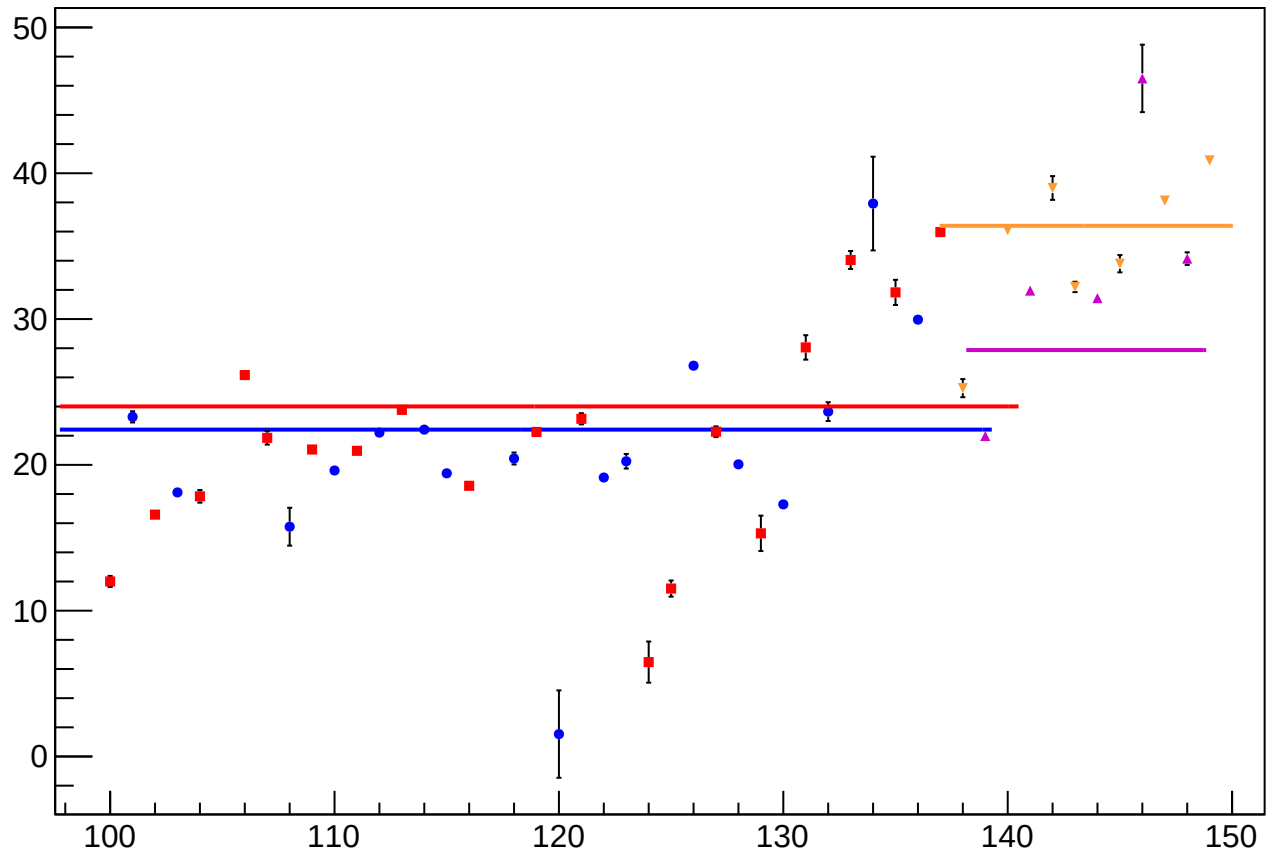
Right: 27.785 +/- 0.000 χ^2/NDF : 16894092.4/35

In: 102.070 +/- 0.022 χ^2/NDF : 3319669.0/21

Out: 27.785 +/- 0.000 χ^2/NDF : 21906736.6/25

All: 27.785 +/- 0.000 χ^2/NDF : 36494541.2/47

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 22.418 $\pm$ 0.000 χ^2 /NDF: 3247.9/16

Left Out: 36.395 $\pm$ 0.149 χ^2 /NDF:747.9/6

Right Out: 24.008 $\pm$ 0.058 χ^2 /NDF: 15408.9/18

Left In: 27.875 $\pm$ 0.135 χ^2 /NDF:1468.8/4

Left: 31.730 $\pm$ 0.100 χ^2 /NDF: 4008.8/11

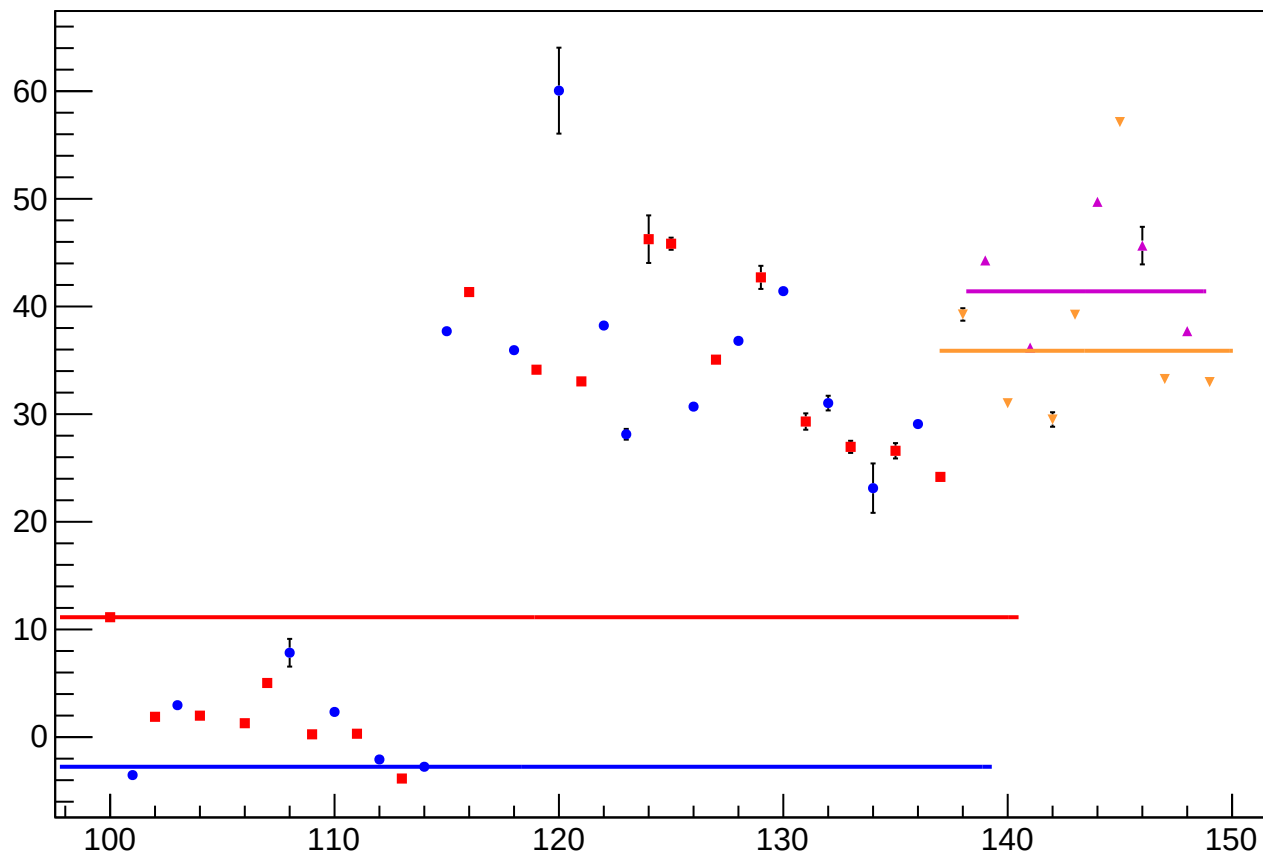
Right: 22.418 $\pm$ 0.000 χ^2 /NDF: 19415.4/35

In: 22.418 $\pm$ 0.000 χ^2 /NDF:6341.4/21

Out: 25.627 $\pm$ 0.054 χ^2 /NDF:22170.2/25

All: 22.418 $\pm$ 0.000 χ^2 /NDF: 32065.3/47

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -2.754 ± 0.000 χ^2/NDF : 149281.3/16

Left Out: 35.887 ± 0.121 χ^2/NDF : 3306.4/6

Right Out: 11.137 ± 0.000 χ^2/NDF : 2575367.3/18

Left In: 41.408 ± 0.118 χ^2/NDF : 1519.2/4

Left: 38.736 ± 0.084 χ^2/NDF : 5892.6/11

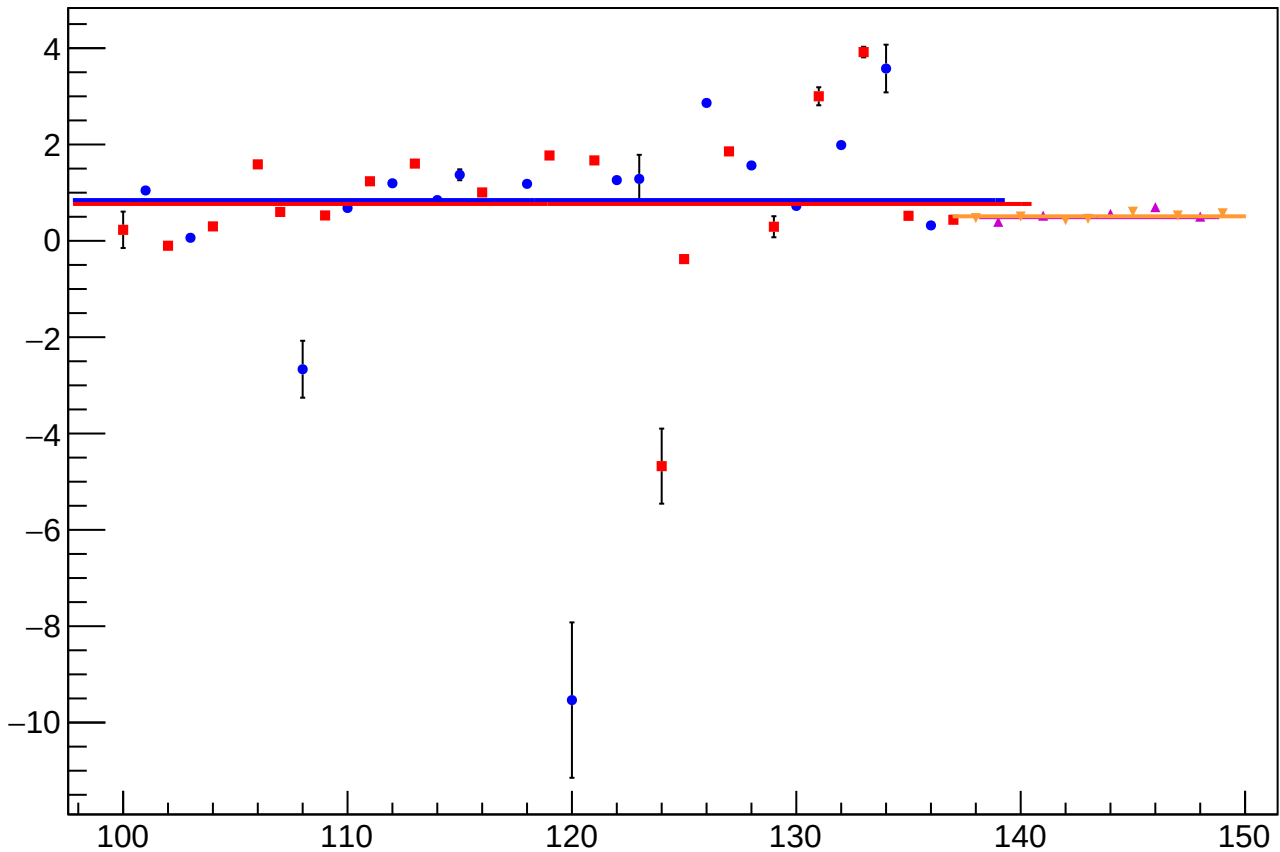
Right: -2.637 ± 0.000 χ^2/NDF : 9095226728437180

In: -2.754 ± 0.000 χ^2/NDF : 291853.0/21

Out: 11.137 ± 0.000 χ^2/NDF : 2620217.1/25

All: -2.637 ± 0.000 χ^2/NDF : 9095226728437

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.846 ± 0.000 χ^2/NDF : 16305.8/16

Left Out: 0.509 ± 0.002 χ^2/NDF : 440.0/6

Right Out: 0.766 ± 0.007 χ^2/NDF : 4211.3/18

Left In: 0.491 ± 0.003 χ^2/NDF : 606.7/4

Left: 0.503 ± 0.002 χ^2/NDF : 1073.5/11

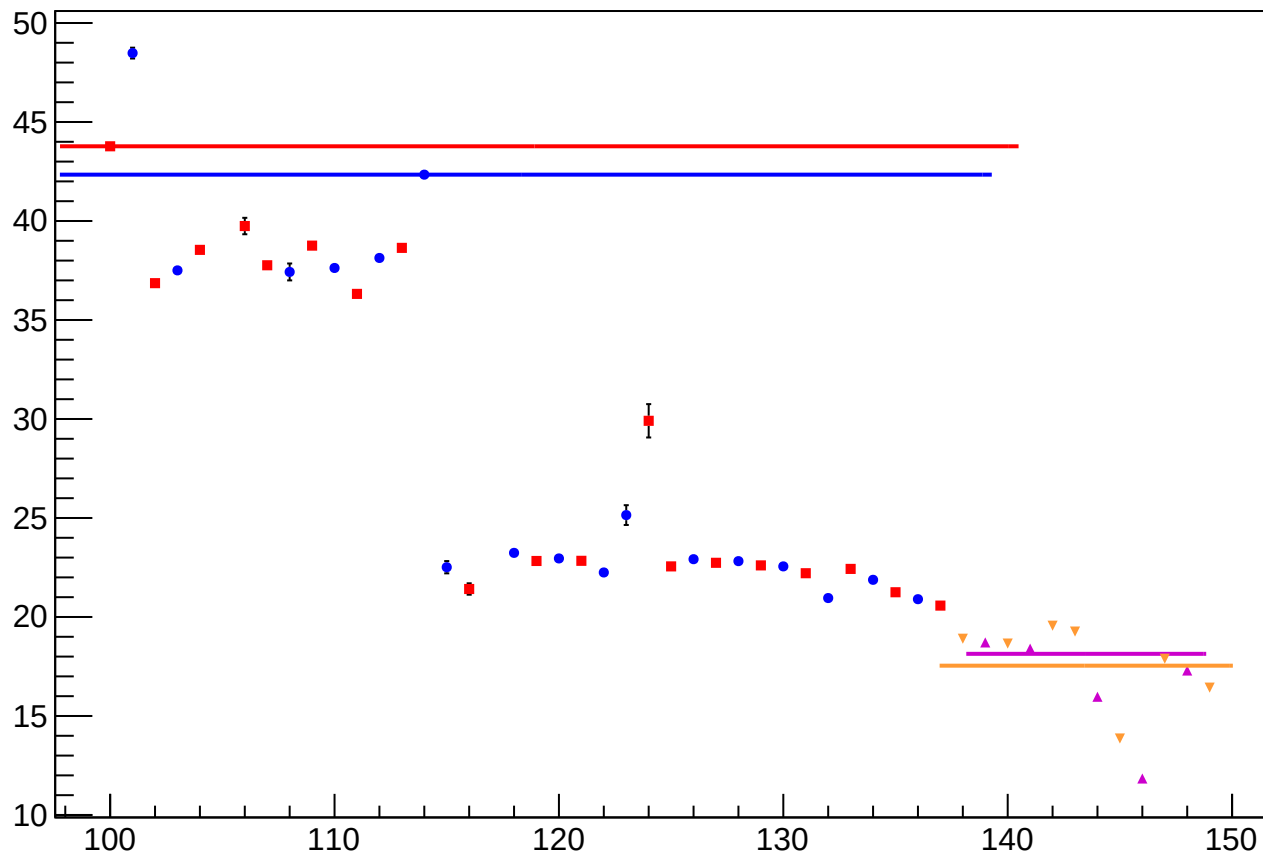
Right: 0.846 ± 0.000 χ^2/NDF : 20651.7/35

In: 0.846 ± 0.000 χ^2/NDF : 33686.1/21

Out: 0.532 ± 0.002 χ^2/NDF : 5901.1/25

All: 0.846 ± 0.000 χ^2/NDF : 62936.8/47

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 42.341+/-0.000 χ^2/NDF : 4058390.3/16

Left Out: 17.541+/-0.010 χ^2/NDF : 37244.6/6

Right Out: 43.773+/-0.000 χ^2/NDF : 4579991.9/18

Left In: 18.139+/-0.018 χ^2/NDF : 4316.4/4

Left: 17.696+/-0.009 χ^2/NDF : 42424.8/11

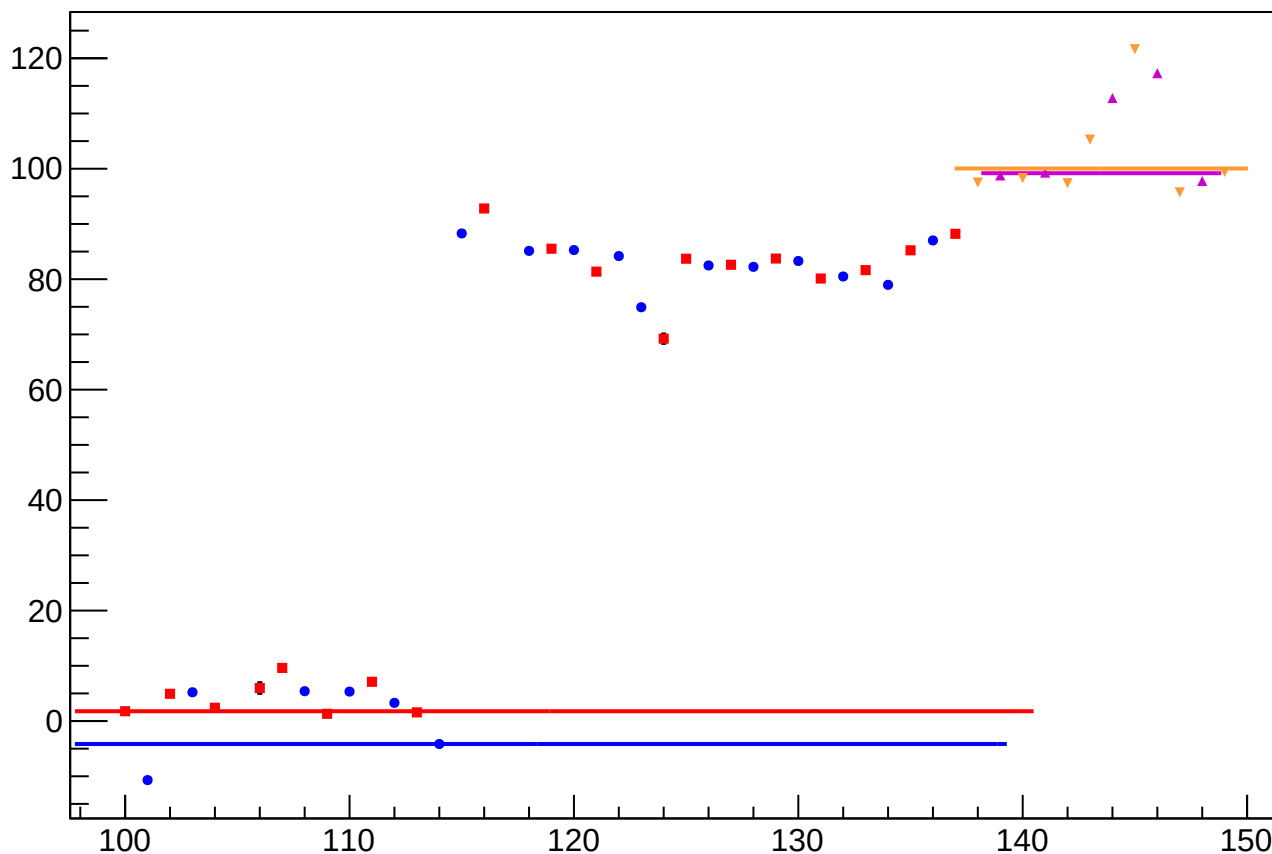
Right: 42.846+/-0.000 χ^2/NDF : 1577360390255068

In: 42.341+/-0.000 χ^2/NDF : 5971580.9/21

Out: 43.773+/-0.000 χ^2/NDF : 11024807.4/25

All: 42.846+/-0.000 χ^2/NDF : 1577360390255

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -4.155 ± 0.000 $\chi^2/\text{NDF}: 8287312.9/16$

Left Out: 100.043 ± 0.019 $\chi^2/\text{NDF}: 57316.0/6$

Right Out: 1.777 ± 0.000 $\chi^2/\text{NDF}: 5403608.1/18$

Left In: 99.190 ± 0.029 $\chi^2/\text{NDF}: 4723.3/4$

Left: 99.800 ± 0.016 $\chi^2/\text{NDF}: 62643.3/11$

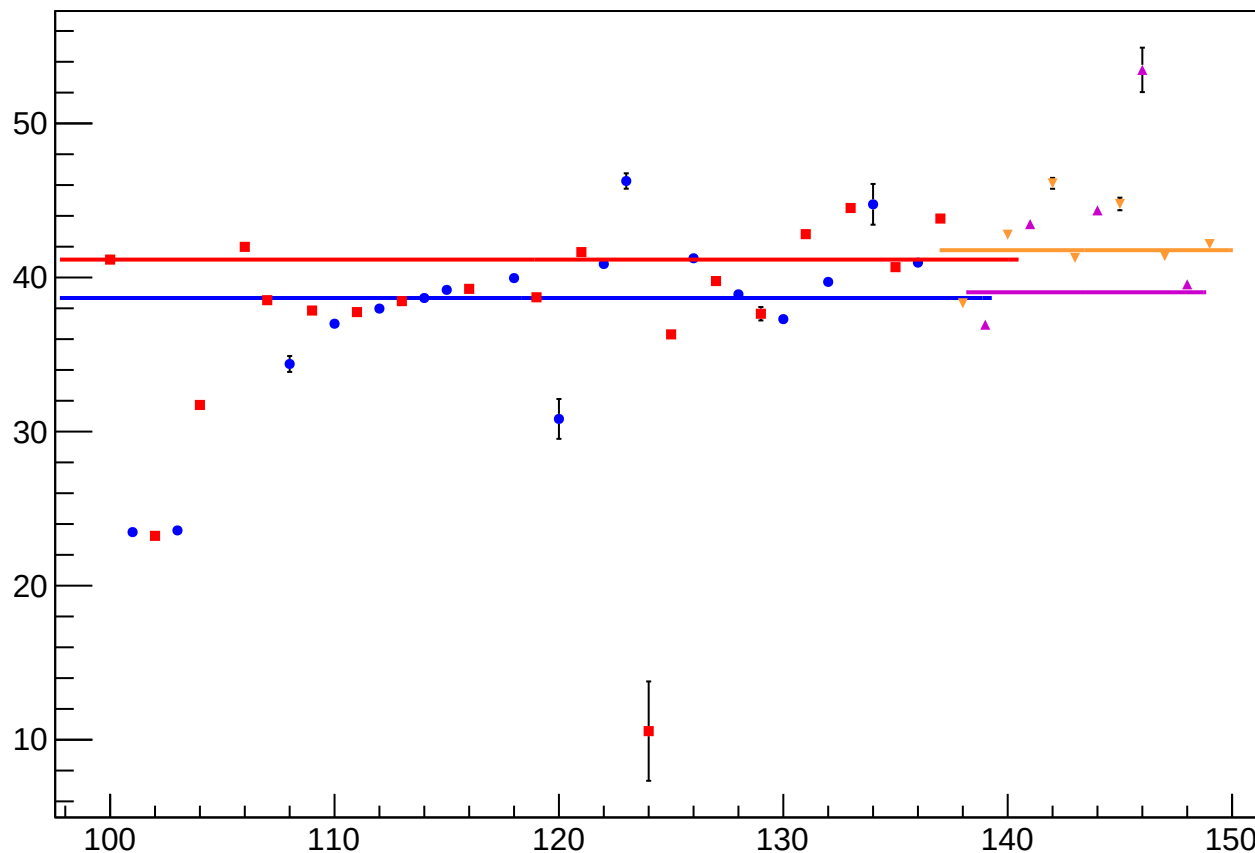
Right: 1.167 ± 0.000 $\chi^2/\text{NDF}: 44022261179950686$

In: -4.155 ± 0.000 $\chi^2/\text{NDF}: 20685803.9/21$

Out: 1.777 ± 0.000 $\chi^2/\text{NDF}: 33634699.5/25$

All: 1.167 ± 0.000 $\chi^2/\text{NDF}: 44022261179950686$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 38.669 $\pm$ 0.000 χ^2 /NDF: 59984.0/16

Left Out: 41.773 $\pm$ 0.061 χ^2 /NDF: 494.0/6

Right Out: 41.163 $\pm$ 0.000 χ^2 /NDF: 38410.9/18

Left In: 39.041 $\pm$ 0.054 χ^2 /NDF: 3016.0/4

Left: 40.244 $\pm$ 0.040 χ^2 /NDF: 4636.9/11

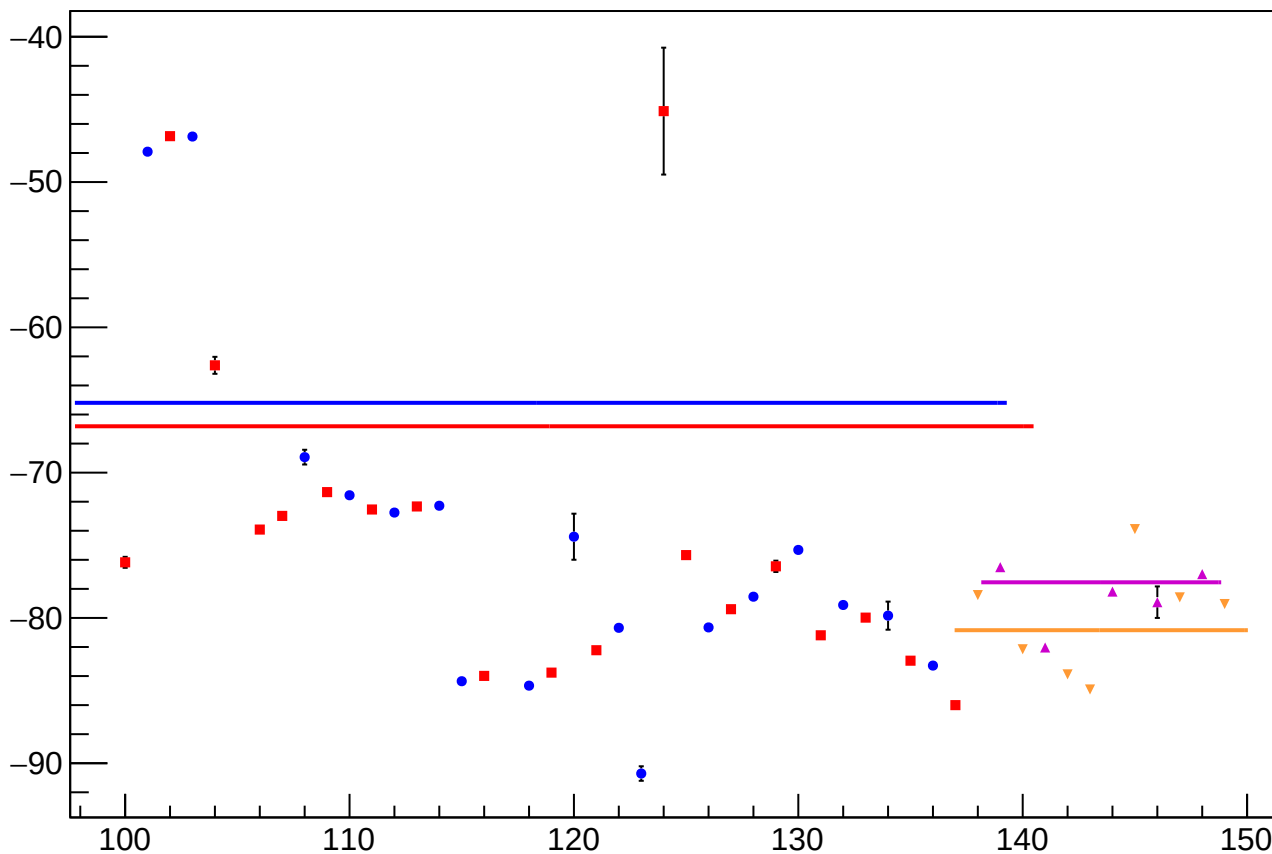
Right: 39.550 $\pm$ 0.000 χ^2 /NDF: 4780640080062069

In: 38.669 $\pm$ 0.000 χ^2 /NDF: 63047.4/21

Out: 41.163 $\pm$ 0.000 χ^2 /NDF: 39005.2/25

All: 39.550 $\pm$ 0.000 χ^2 /NDF: 4780640080062069

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.195 ± 0.019 $\chi^2/\text{NDF}: 784258.8/16$

Left Out: -80.844 ± 0.051 $\chi^2/\text{NDF}: 3255.8/6$

Right Out: -66.809 ± 0.016 $\chi^2/\text{NDF}: 809951.7/18$

Left In: -77.547 ± 0.043 $\chi^2/\text{NDF}: 2069.9/4$

Left: -78.915 ± 0.033 $\chi^2/\text{NDF}: 7788.0/11$

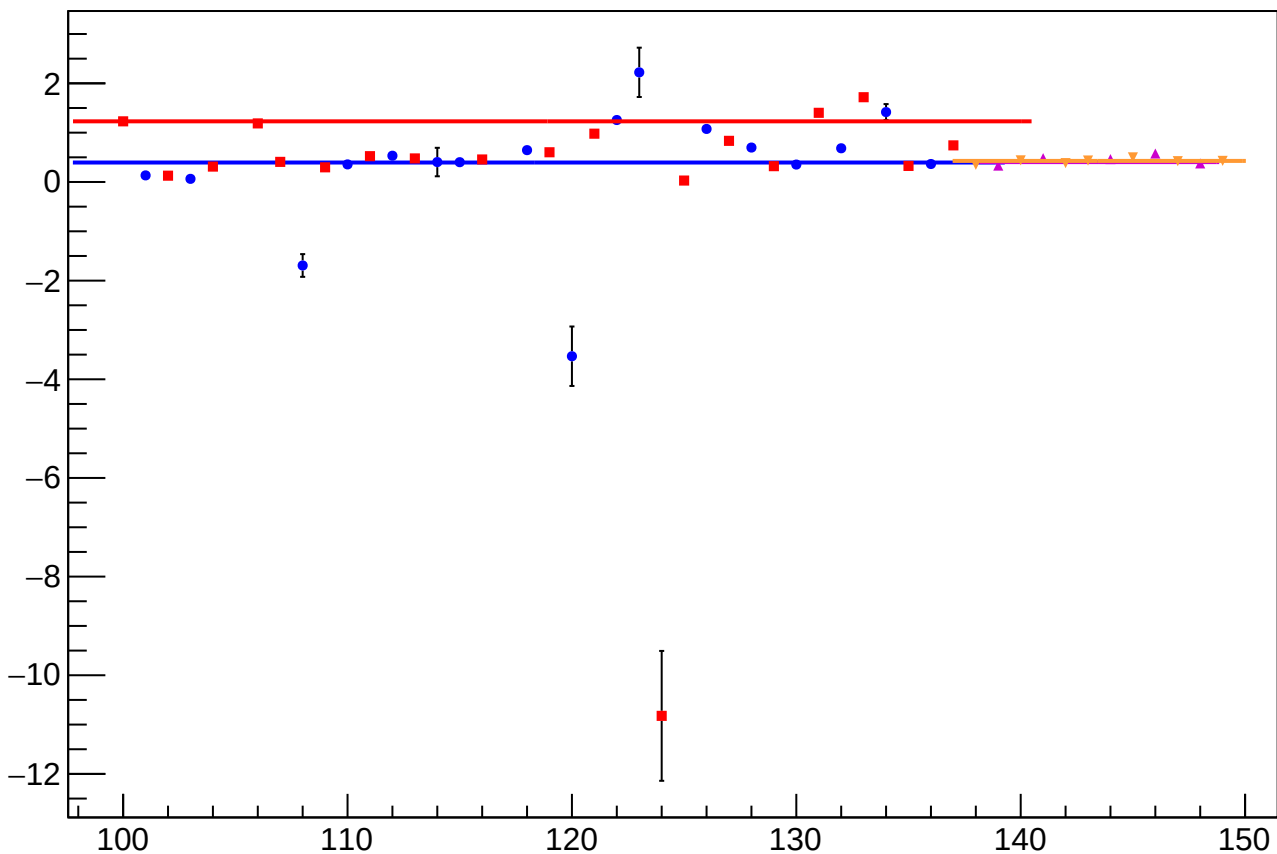
Right: -66.134 ± 0.012 $\chi^2/\text{NDF}: 1598578.1/35$

In: -67.164 ± 0.017 $\chi^2/\text{NDF}: 856362.2/21$

Out: -68.044 ± 0.015 $\chi^2/\text{NDF}: 882784.4/25$

All: -67.659 ± 0.011 $\chi^2/\text{NDF}: 1740640.4/47$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.395 ± 0.002 χ^2/NDF : 8730.5/16

Left Out: 0.427 ± 0.001 χ^2/NDF : 236.1/6

Right Out: 1.230 ± 0.000 χ^2/NDF : 48941.9/18

Left In: 0.403 ± 0.002 χ^2/NDF : 2051.0/4

Left: 0.420 ± 0.001 χ^2/NDF : 2462.8/11

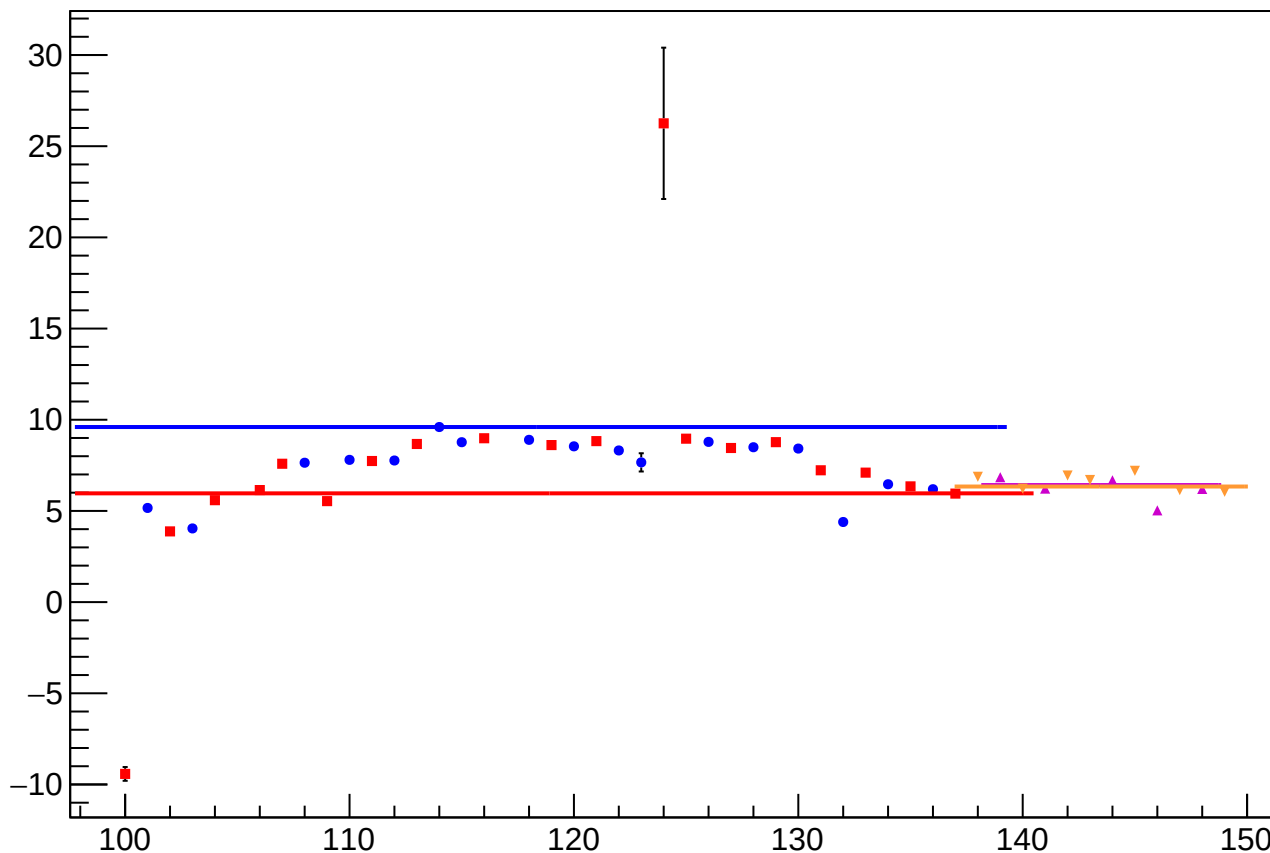
Right: 1.230 ± 0.000 χ^2/NDF : 231481.1/35

In: 0.400 ± 0.001 χ^2/NDF : 10792.5/21

Out: 1.230 ± 0.000 χ^2/NDF : 666849.3/25

All: 1.230 ± 0.000 χ^2/NDF : 1146666.8/47

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 9.601+/-0.000 χ^2/NDF : 377404.1/16

Left Out: 6.338+/-0.003 χ^2/NDF :12121.0/6

Right Out: 5.964+/-0.000 χ^2/NDF : 206785.7/18

Left In: 6.418+/-0.004 χ^2/NDF :5102.2/4

Left: 6.369+/-0.002 χ^2/NDF : 17481.3/11

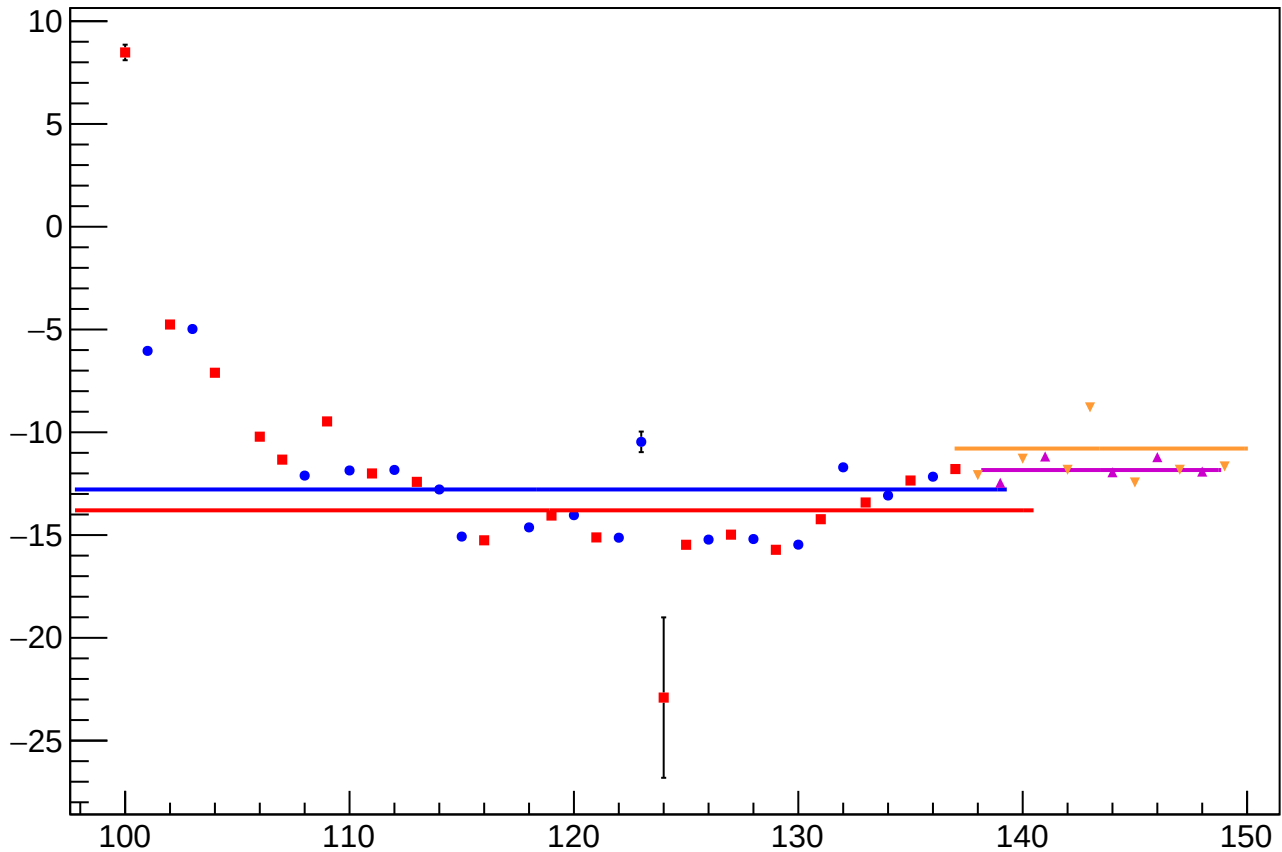
Right: 9.601+/-0.000 χ^2/NDF : 80252009.2/35

In: 9.601+/-0.000 χ^2/NDF :1041414.5/21

Out: 5.970+/-0.000 χ^2/NDF :233246.4/25

All: 9.601+/-0.000 χ^2/NDF : 82037789.1/47

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.781 $\pm$ 0.000 χ^2 /NDF: 122716.4/16

Left Out: -10.791 $\pm$ 0.004 χ^2 /NDF: 133697.4/6

Right Out: -13.797 $\pm$ 0.005 χ^2 /NDF: 78174.8/18

Left In: -11.836 $\pm$ 0.006 χ^2 /NDF: 3703.2/4

Left: -11.099 $\pm$ 0.003 χ^2 /NDF: 159459.6/11

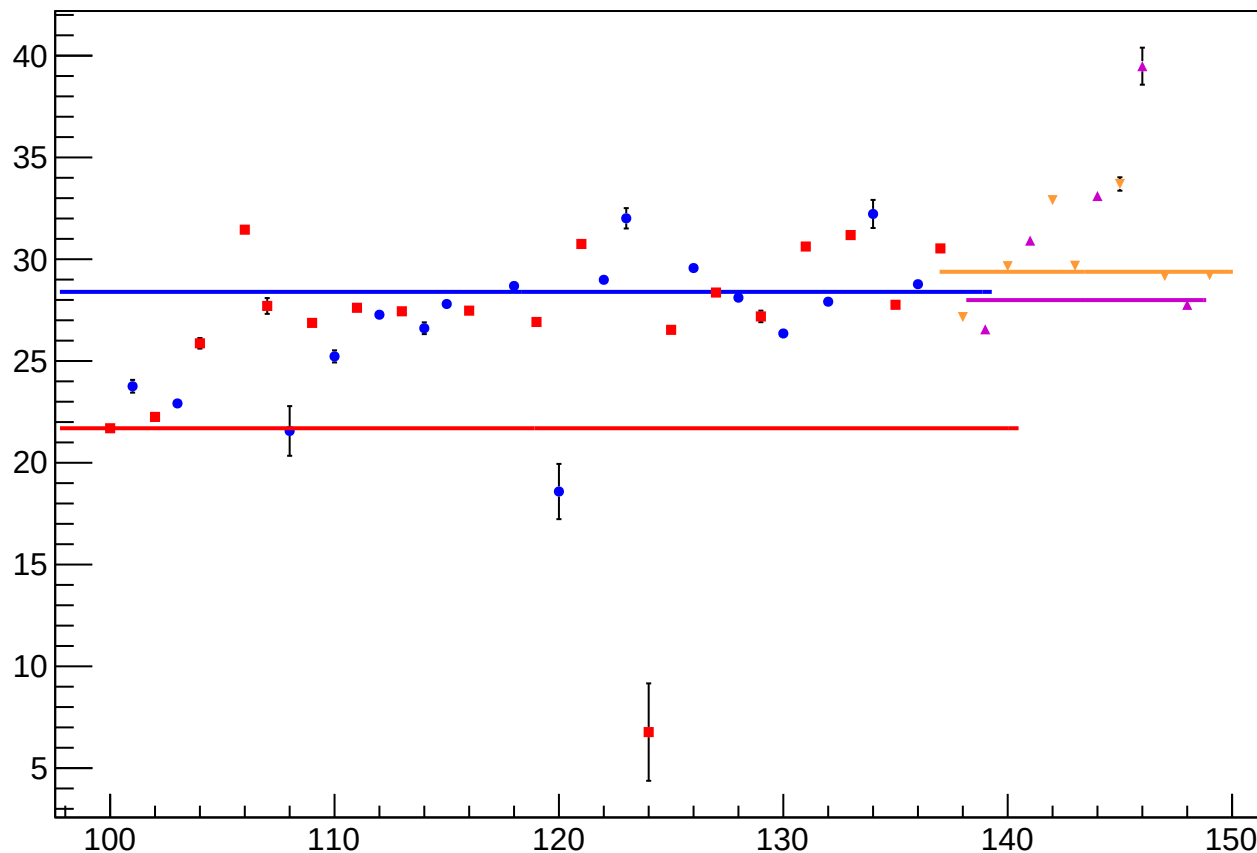
Right: -12.781 $\pm$ 0.000 χ^2 /NDF: 236656.7/35

In: -12.781 $\pm$ 0.000 χ^2 /NDF: 151968.4/21

Out: -11.801 $\pm$ 0.003 χ^2 /NDF: 419941.5/25

All: -12.781 $\pm$ 0.000 χ^2 /NDF: 671084.6/47

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.396 ± 0.024 $\chi^2/\text{NDF}: 3440.8/16$

Left Out: 29.383 ± 0.039 $\chi^2/\text{NDF}: 797.3/6$

Right Out: 21.696 ± 0.000 $\chi^2/\text{NDF}: 46617.3/18$

Left In: 27.993 ± 0.039 $\chi^2/\text{NDF}: 2846.4/4$

Left: 28.699 ± 0.028 $\chi^2/\text{NDF}: 4273.7/11$

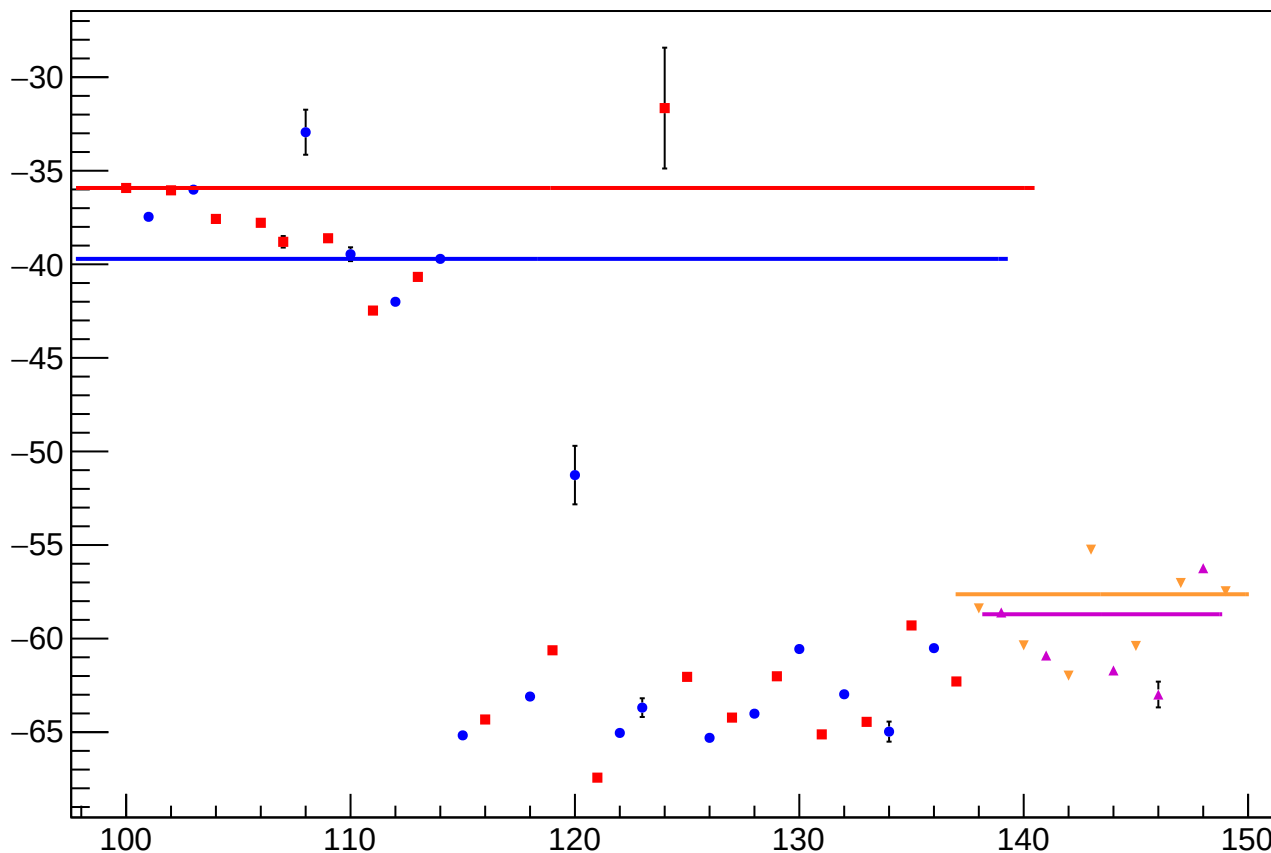
Right: 21.696 ± 0.000 $\chi^2/\text{NDF}: 125672.7/35$

In: 28.285 ± 0.021 $\chi^2/\text{NDF}: 6362.9/21$

Out: 21.696 ± 0.000 $\chi^2/\text{NDF}: 86585.2/25$

All: 21.696 ± 0.000 $\chi^2/\text{NDF}: 193914.6/47$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -39.710 ± 0.000 $\chi^2/\text{NDF}: 1354716.8/16$

Left Out: -57.631 ± 0.034 $\chi^2/\text{NDF}: 2951.1/6$

Right Out: -35.921 ± 0.000 $\chi^2/\text{NDF}: 719212.9/18$

Left In: -58.700 ± 0.041 $\chi^2/\text{NDF}: 2746.5/4$

Left: -58.057 ± 0.026 $\chi^2/\text{NDF}: 6098.4/11$

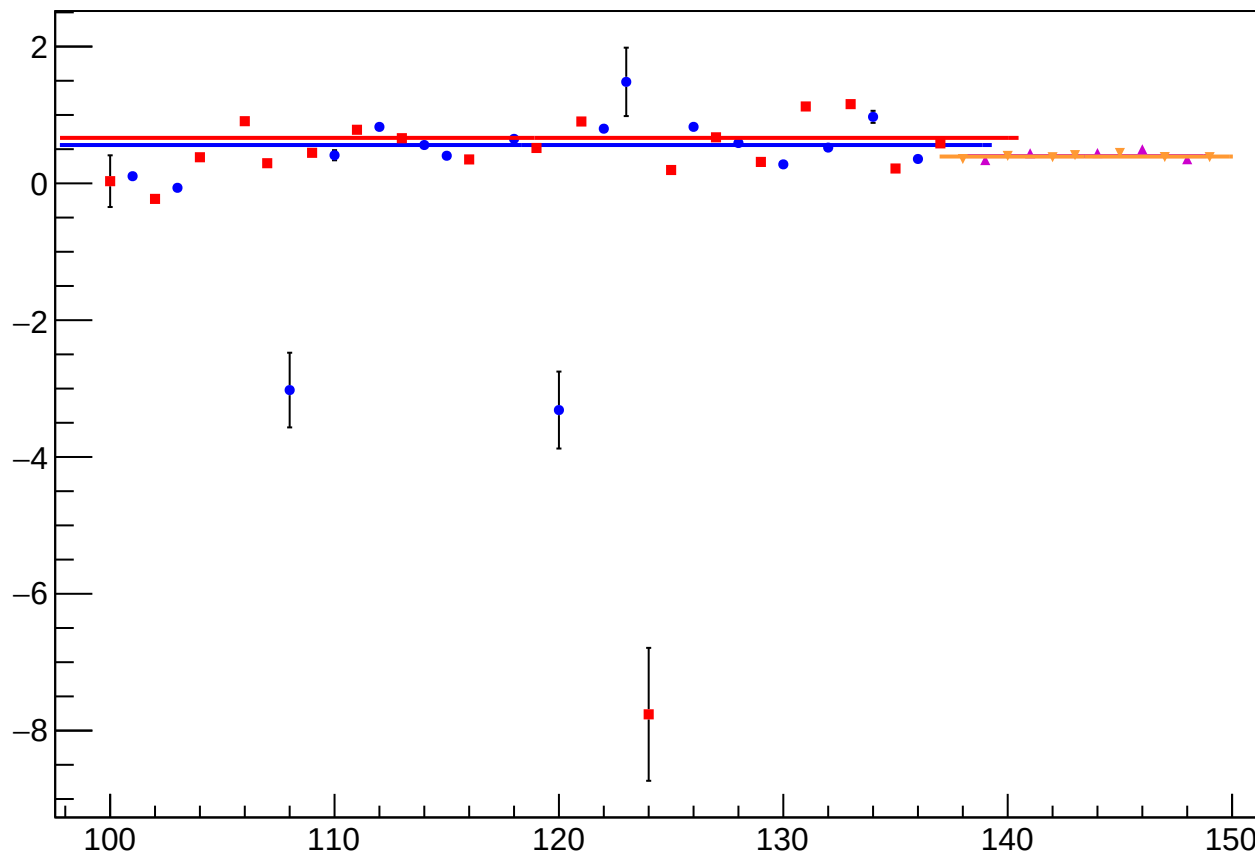
Right: -38.373 ± 0.000 $\chi^2/\text{NDF}: 110369434011630$

In: -39.710 ± 0.000 $\chi^2/\text{NDF}: 1567867.1/21$

Out: -35.921 ± 0.000 $\chi^2/\text{NDF}: 1136842.7/25$

All: -38.373 ± 0.000 $\chi^2/\text{NDF}: 110369434011$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.561 ± 0.000 $\chi^2/\text{NDF}: 16869.2/16$

Left Out: 0.392 ± 0.001 $\chi^2/\text{NDF}: 358.7/6$

Right Out: 0.665 ± 0.005 $\chi^2/\text{NDF}: 3781.5/18$

Left In: 0.399 ± 0.001 $\chi^2/\text{NDF}: 1470.7/4$

Left: 0.394 ± 0.001 $\chi^2/\text{NDF}: 1849.4/11$

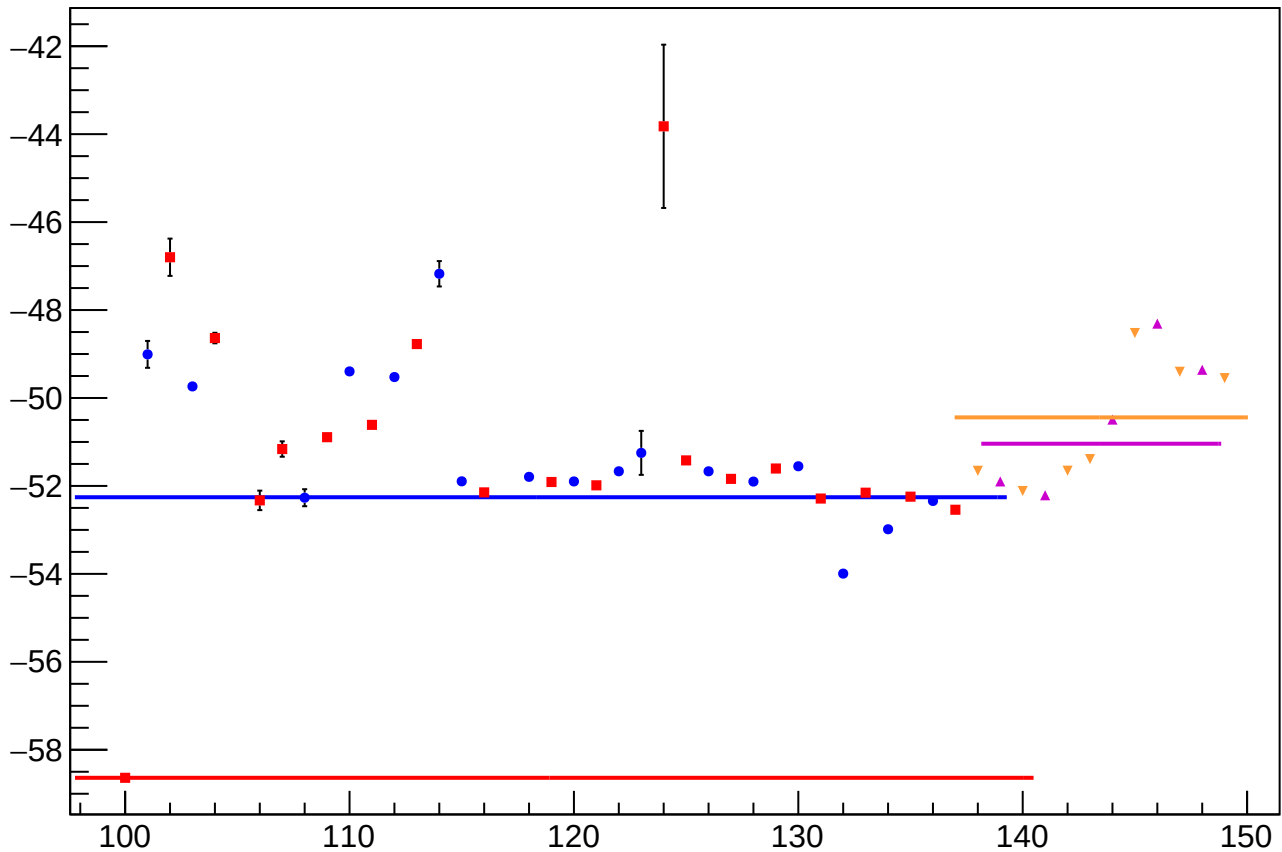
Right: 0.561 ± 0.000 $\chi^2/\text{NDF}: 21167.9/35$

In: 0.561 ± 0.000 $\chi^2/\text{NDF}: 35756.3/21$

Out: 0.400 ± 0.001 $\chi^2/\text{NDF}: 7564.2/25$

All: 0.561 ± 0.000 $\chi^2/\text{NDF}: 86383.0/47$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.257 ± 0.004 χ^2/NDF : 24373.7/16

Left Out: -50.441 ± 0.003 χ^2/NDF : 100014.0/6

Right Out: -58.637 ± 0.000 χ^2/NDF : 31280742.9/18

Left In: -51.040 ± 0.004 χ^2/NDF : 116098.0/4

Left: -50.684 ± 0.003 χ^2/NDF : 229359.7/11

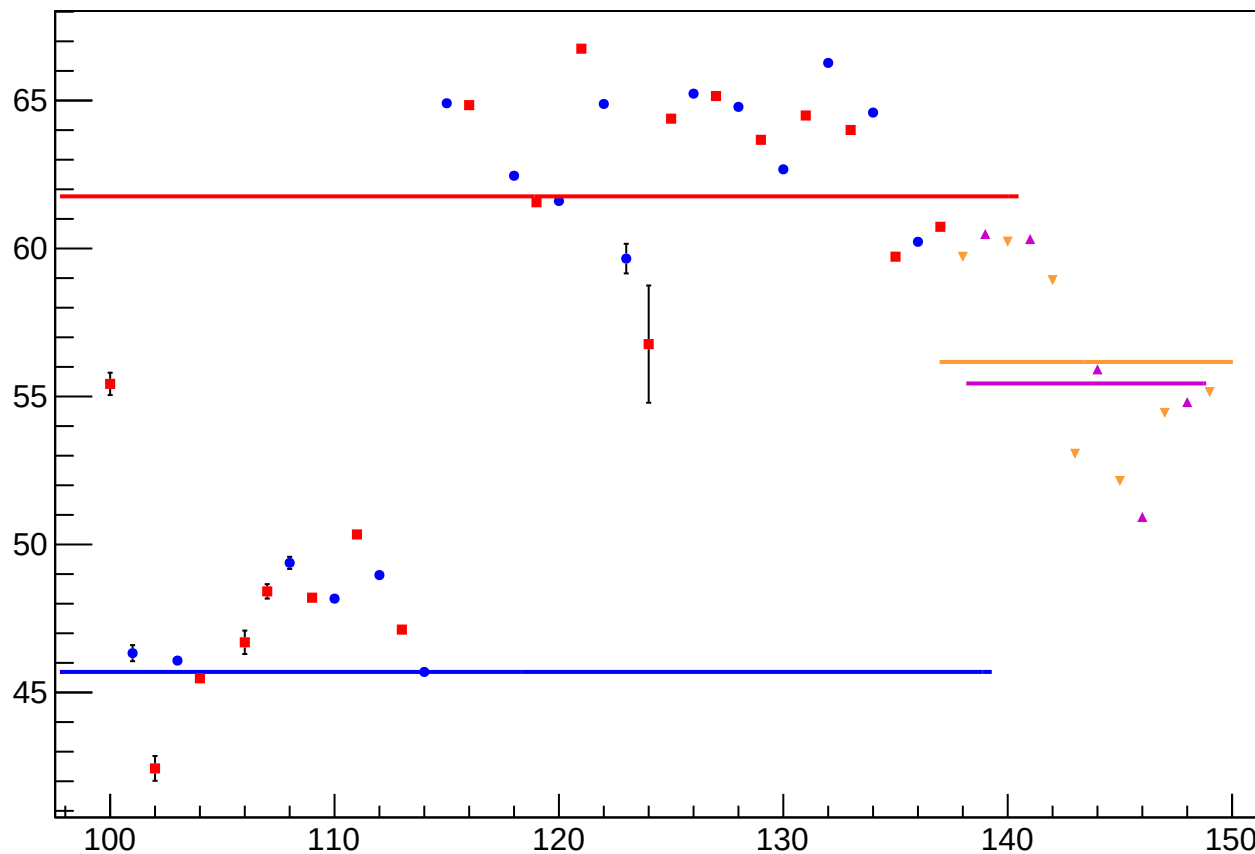
Right: -58.637 ± 0.000 χ^2/NDF : 34369113.8/35

In: -51.707 ± 0.003 χ^2/NDF : 190864.4/21

Out: -58.637 ± 0.000 χ^2/NDF : 37504164.3/25

All: -58.637 ± 0.000 χ^2/NDF : 44294254.4/47

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 45.694 $\pm$ 0.000 χ^2 /NDF: 3571709.5/16

Left Out: 56.168 $\pm$ 0.006 χ^2 /NDF:250926.8/6

Right Out: 61.762 $\pm$ 0.006 χ^2 /NDF: 260089.5/18

Left In: 55.441 $\pm$ 0.008 χ^2 /NDF:49023.4/4

Left: 55.931 $\pm$ 0.005 χ^2 /NDF: 304934.0/11

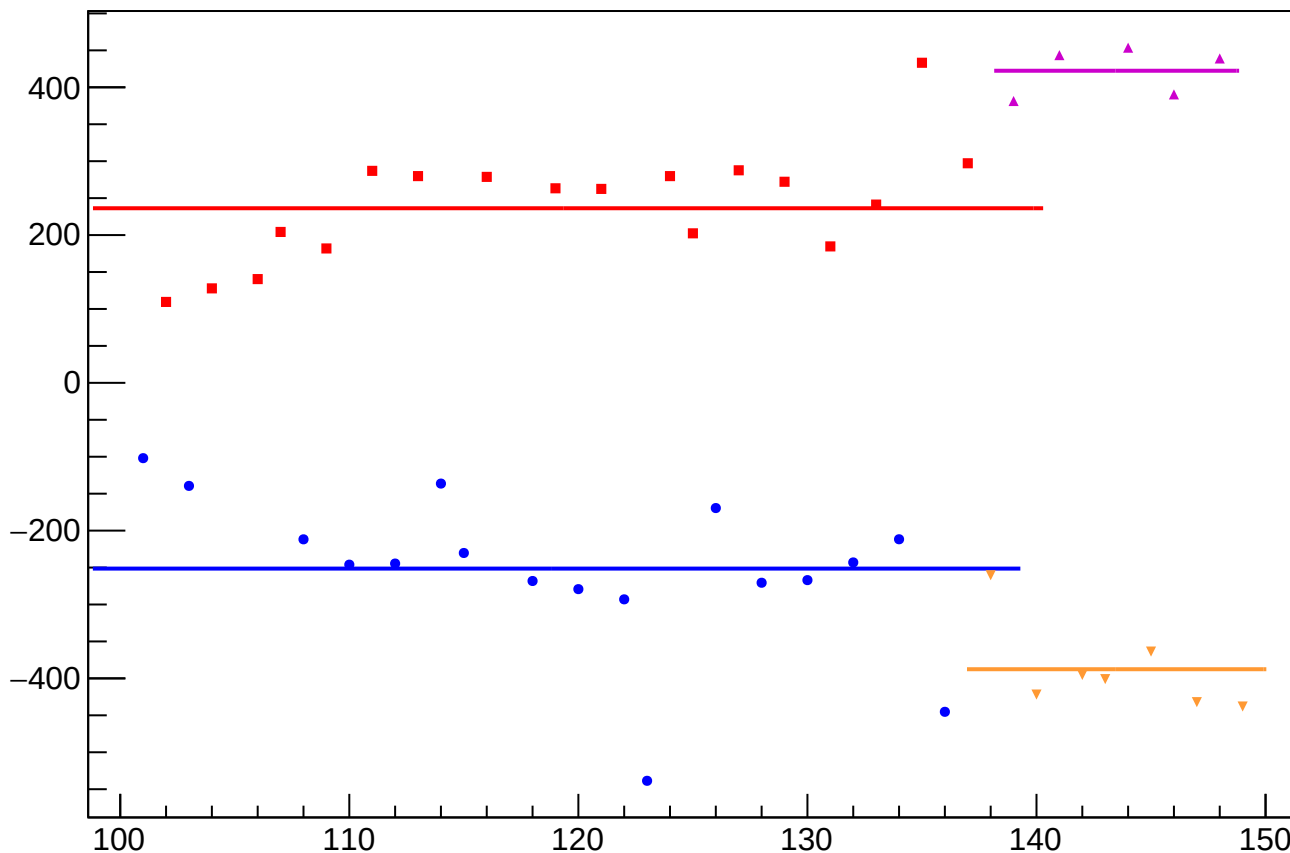
Right: 45.694 $\pm$ 0.000 χ^2 /NDF: 10184097.2/35

In: 45.694 $\pm$ 0.000 χ^2 /NDF:4948361.8/21

Out: 58.740 $\pm$ 0.004 χ^2 /NDF:926980.7/25

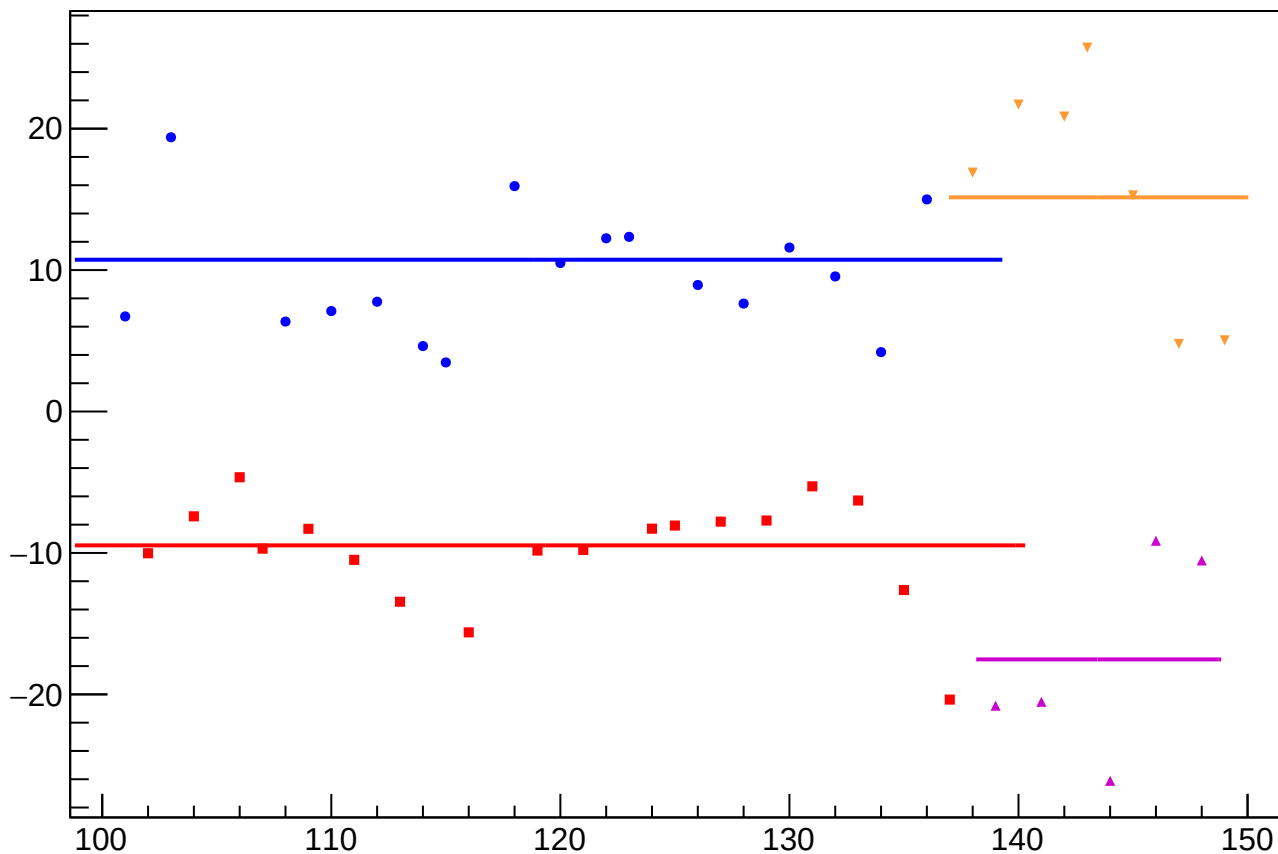
All: 45.694 $\pm$ 0.000 χ^2 /NDF: 14982709.0/47

dit_4aX_coil1_mean vs Slug, Sign Corrected



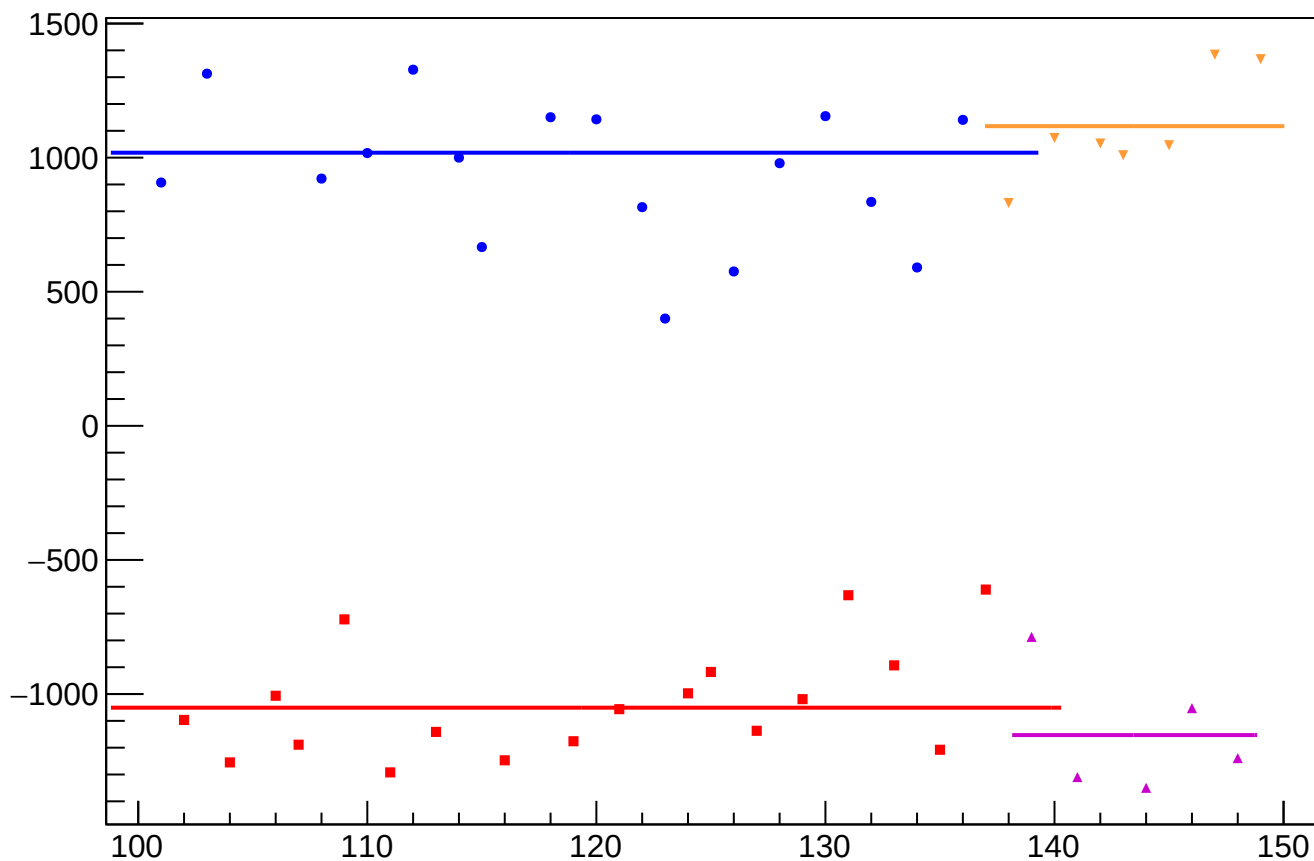
Right In: -251.407 ± 0.000 $\chi^2/\text{NDF}: 6377716677142803615785313646231420928.0/16$
 Left In: 422.411 ± 0.000 $\chi^2/\text{NDF}: 368865784851311020894218781735256064.0/4$
 Right Out: 236.305 ± 0.000 $\chi^2/\text{NDF}: 4583669398649017152985031455186878464.0/17$
 Left Out: -387.606 ± 0.000 $\chi^2/\text{NDF}: 1786800840161209444075427354191593472.0/6$
 All: -11.136 ± 0.000 $\chi^2/\text{NDF}: 248987009376$

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 10.731 $\pm$ 0.000 χ^2 /NDF: 12832156832660883988585211297267712.0/16
 Left Out: 15.141 $\pm$ 0.000 χ^2 /NDF: 29736066260971023935892972692832256.0/6
 Right Out: -9.465 $\pm$ 0.000 χ^2 /NDF: 6964289429474711338503750841008128.0/17
 Left In: -17.526 $\pm$ 0.000 χ^2 /NDF: 18147716968189229881778765354237952.0/4
 All: 0.449 $\pm$ 0.000 χ^2 /NDF: 45841592013641

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

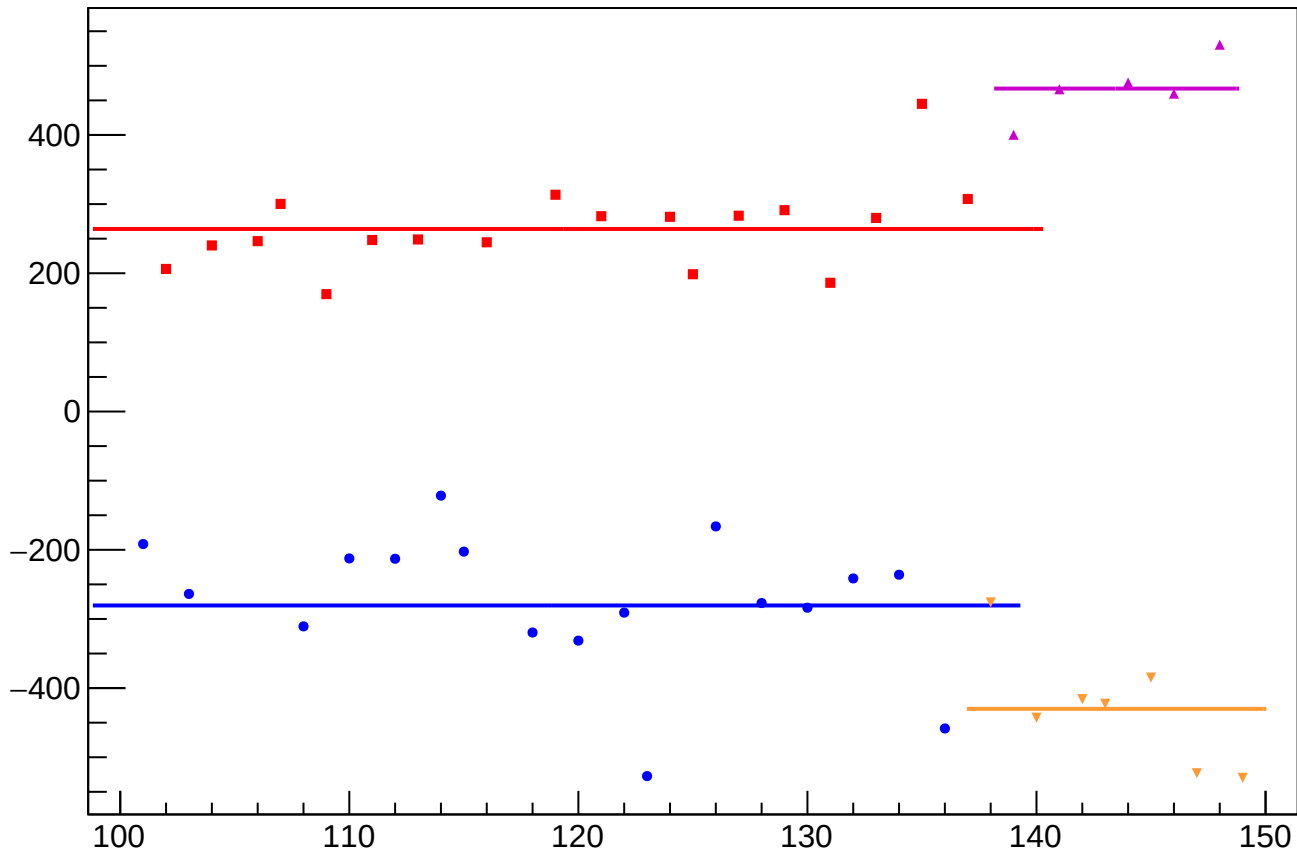
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

χ^2/NDF : 2806341339317

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -280.488+/-0.000

Left Out: -430.043+/-0.000

Right Out: 264.038+/-0.000

Left In: 467.083+/-0.000

χ^2/NDF : 5126630238526976320868749941319663616.0/16

χ^2/NDF : 3545256255191819158624332832510574592.0/6

χ^2/NDF : 2950904189133891581840816046652522496.0/17

χ^2/NDF : 711448432677797210101214109765730304.0/4

Left: -25.137+/-0.000 χ^2/NDF : 1906048942667414

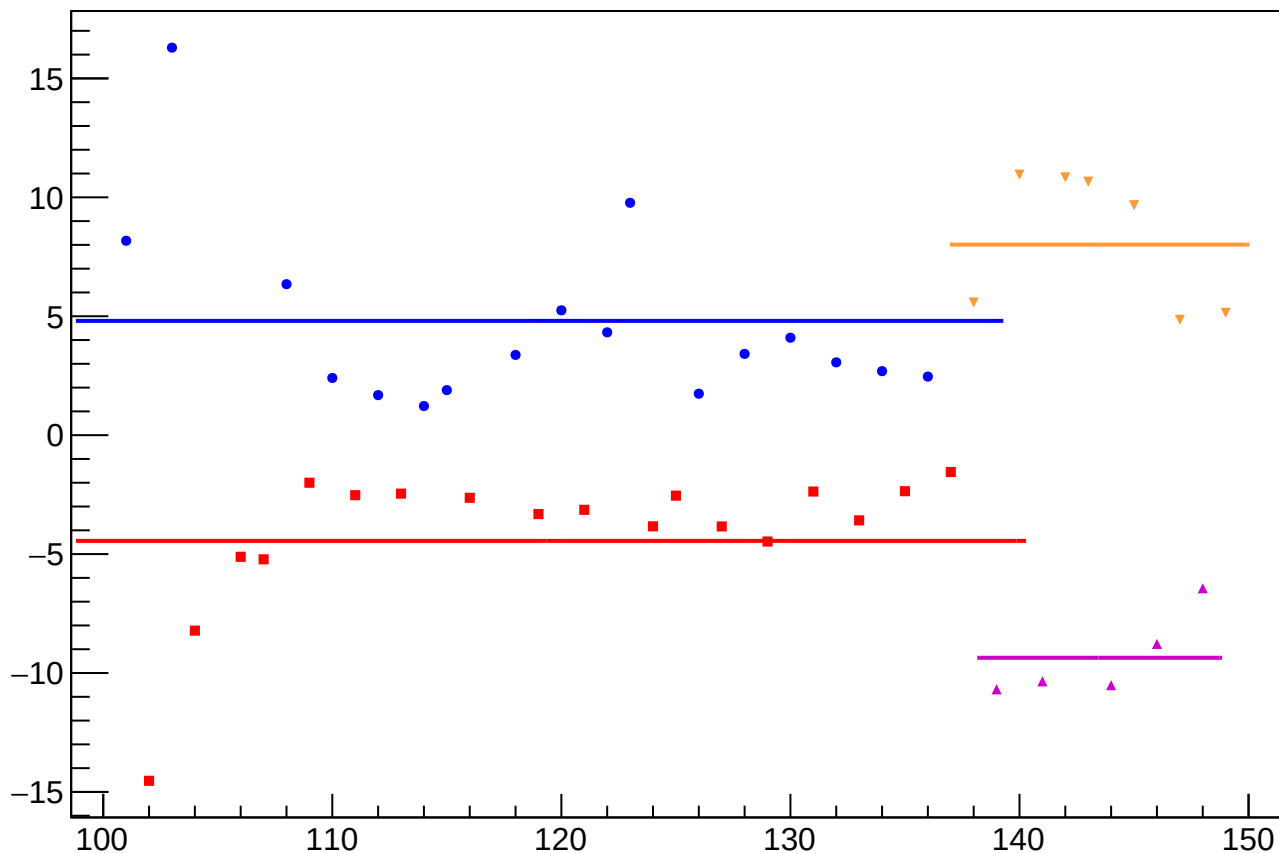
Right: -4.167+/-0.000 χ^2/NDF : 1124995033891218

In: 2.195+/-0.000 χ^2/NDF : 1524984654187855629

Out: -25.916+/-0.000 χ^2/NDF : 1503910369897935

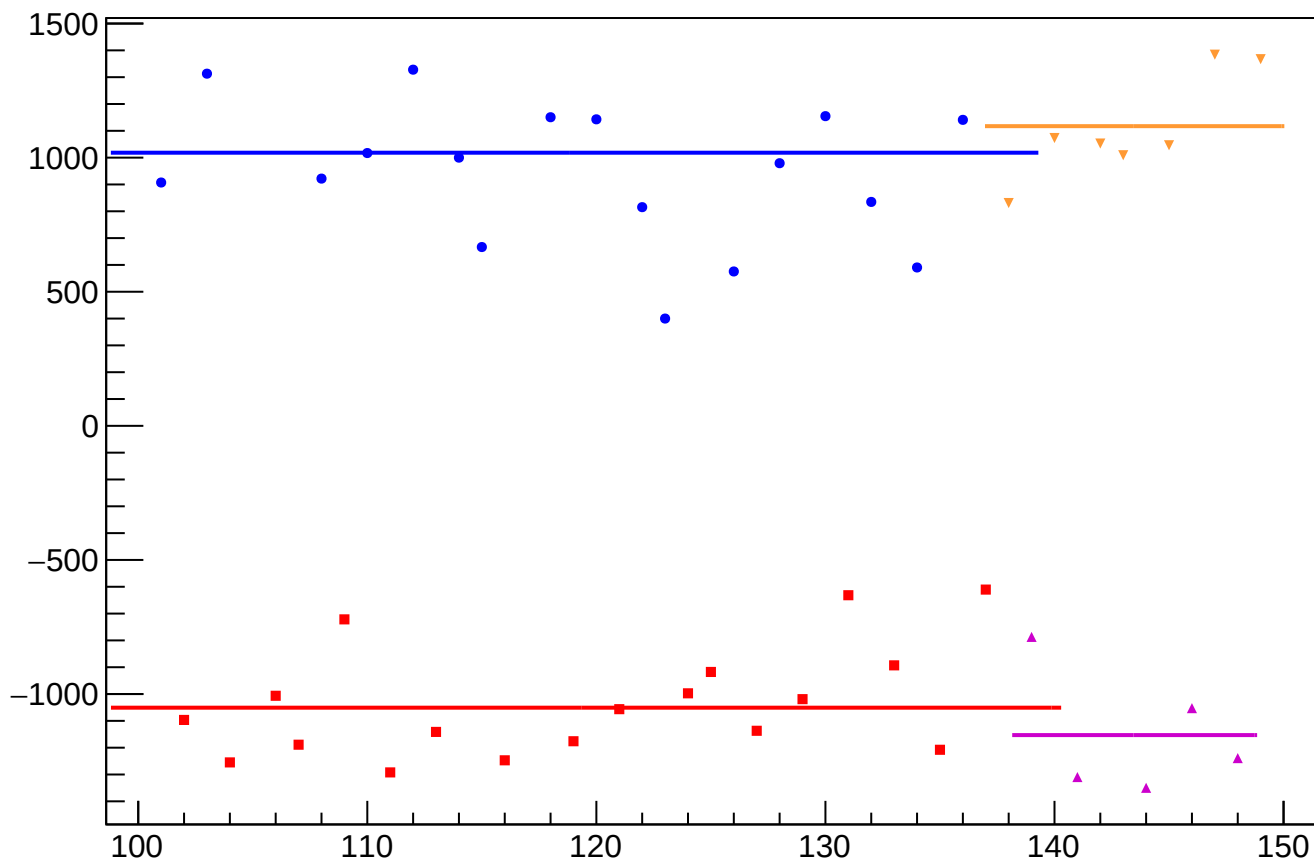
All: -12.532+/-0.000 χ^2/NDF : 303351541279

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.806 $\pm$ 0.000 χ^2 /NDF: 10922956451109492621931429310234624.0/16
 Left Out: 8.012 $\pm$ 0.000 χ^2 /NDF: 3693098573386674849231136788316160.0/6
 Right Out: -4.443 $\pm$ 0.000 χ^2 /NDF: 8238698902114437843582467079929856.0/17
 Left In: -9.359 $\pm$ 0.000 χ^2 /NDF: 1089280160567697345166389127675904.0/4
 All: 0.136 $\pm$ 0.000 χ^2 /NDF: 12394181995929

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

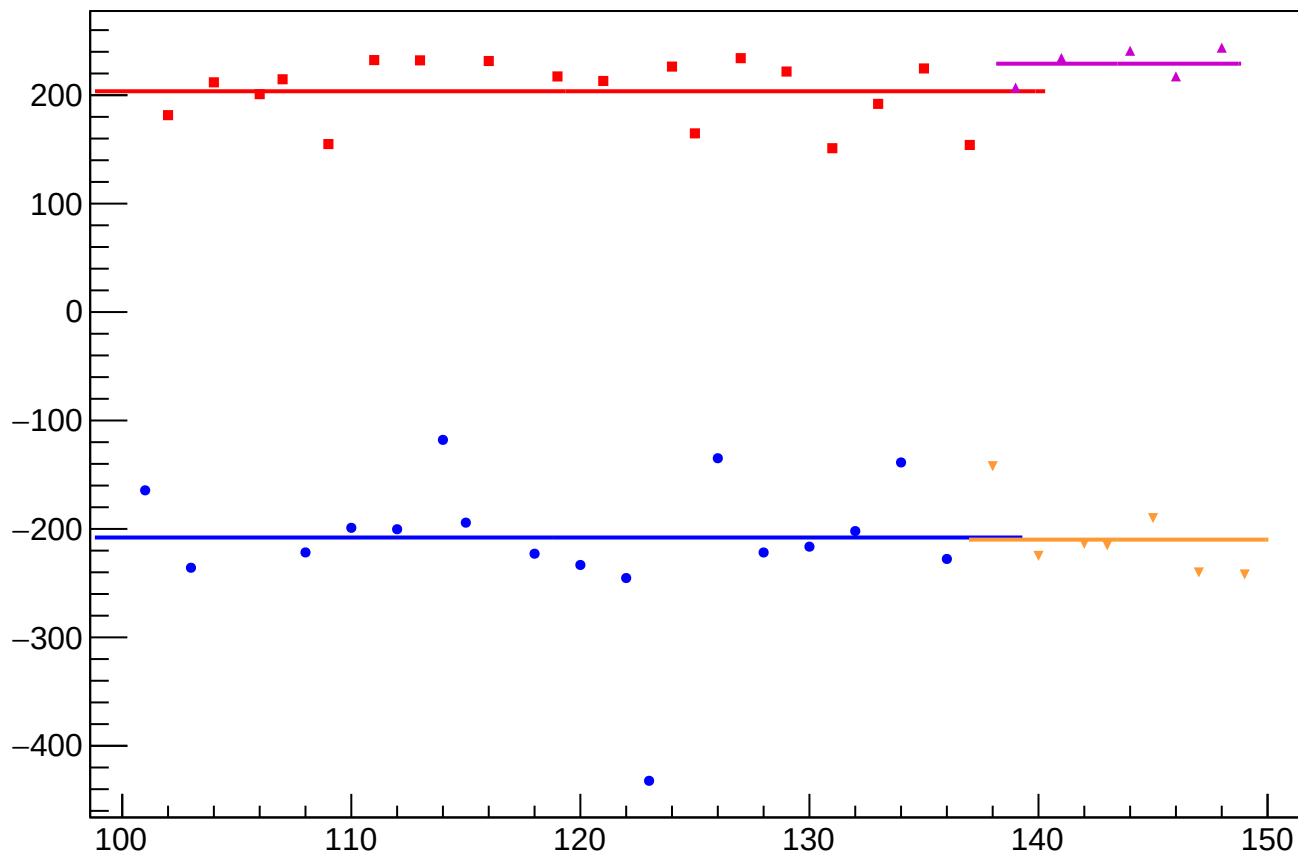
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

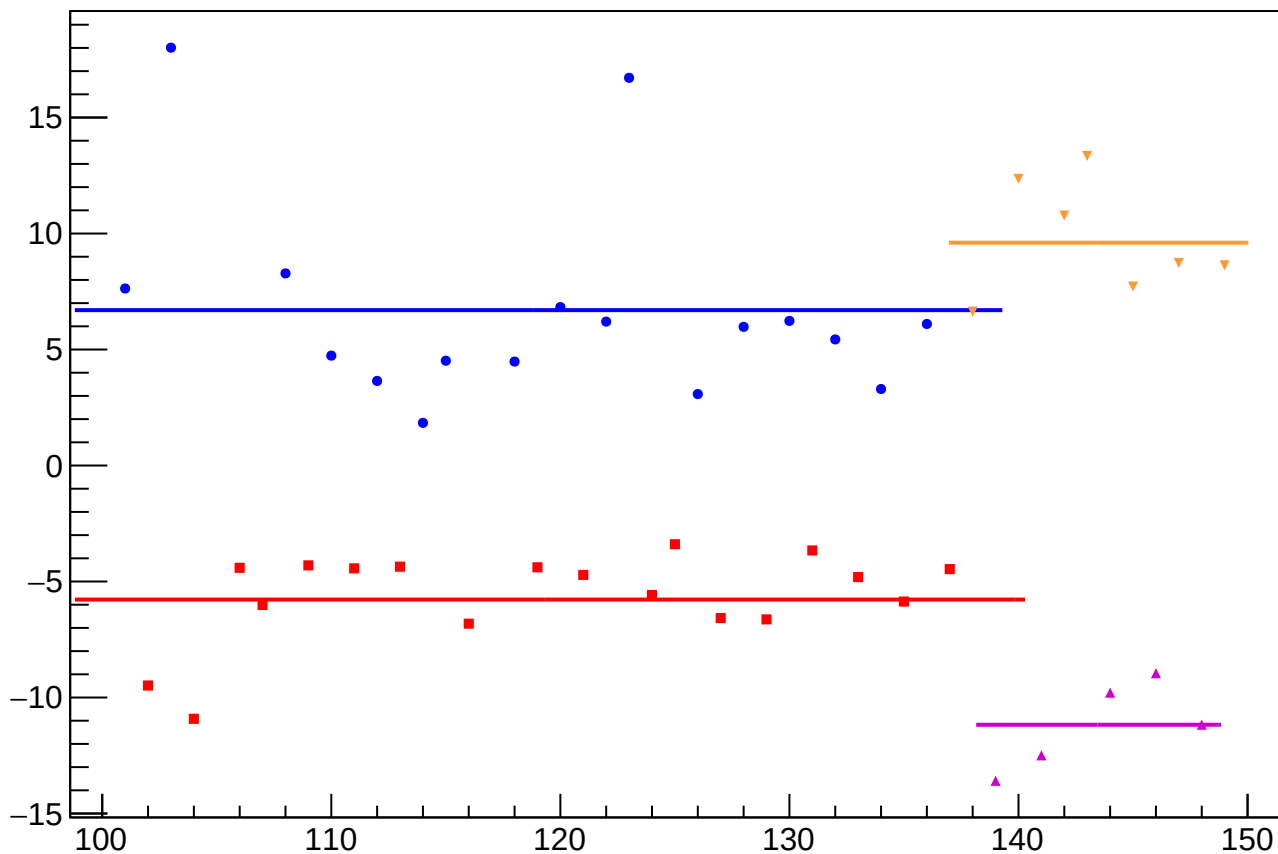
χ^2/NDF : 2806341339317

dit_11X12X_coil1_mean vs Slug, Sign Corrected



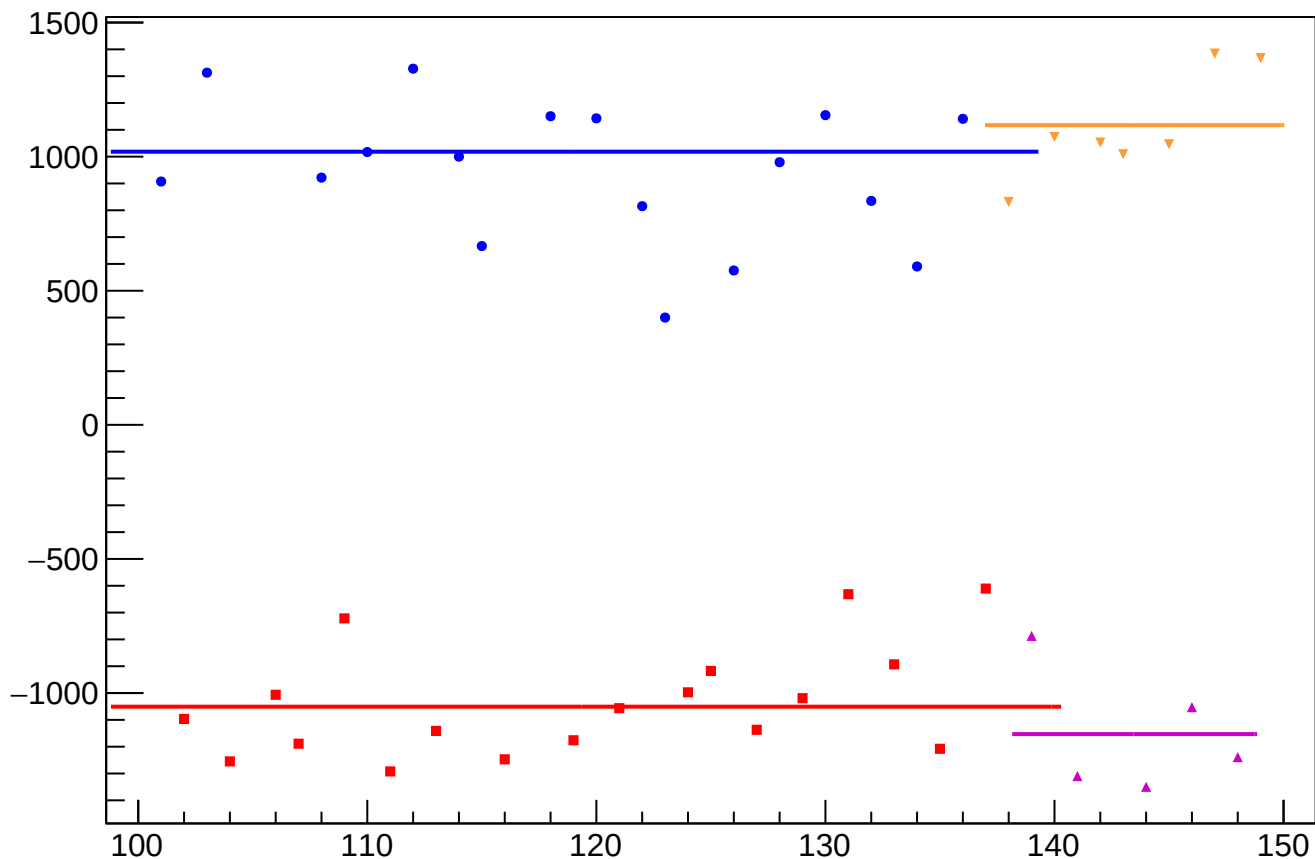
Right In: -207.905 ± 0.000 $\chi^2/\text{NDF}: 932229169633108948090208893374824448.0/16$
 Left Out: -209.852 ± 0.000 $\chi^2/\text{NDF}: 567332288262362767608464546073673728.0/6$
 Right Out: 203.621 ± 0.000 $\chi^2/\text{NDF}: 555366082114711816530063438779514880.0/17$
 Left In: 229.036 ± 0.000 $\chi^2/\text{NDF}: 83809950836108007036092652659408896.0/4$
 All: -4.137 ± 0.000 $\chi^2/\text{NDF}: 1064701122180$

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



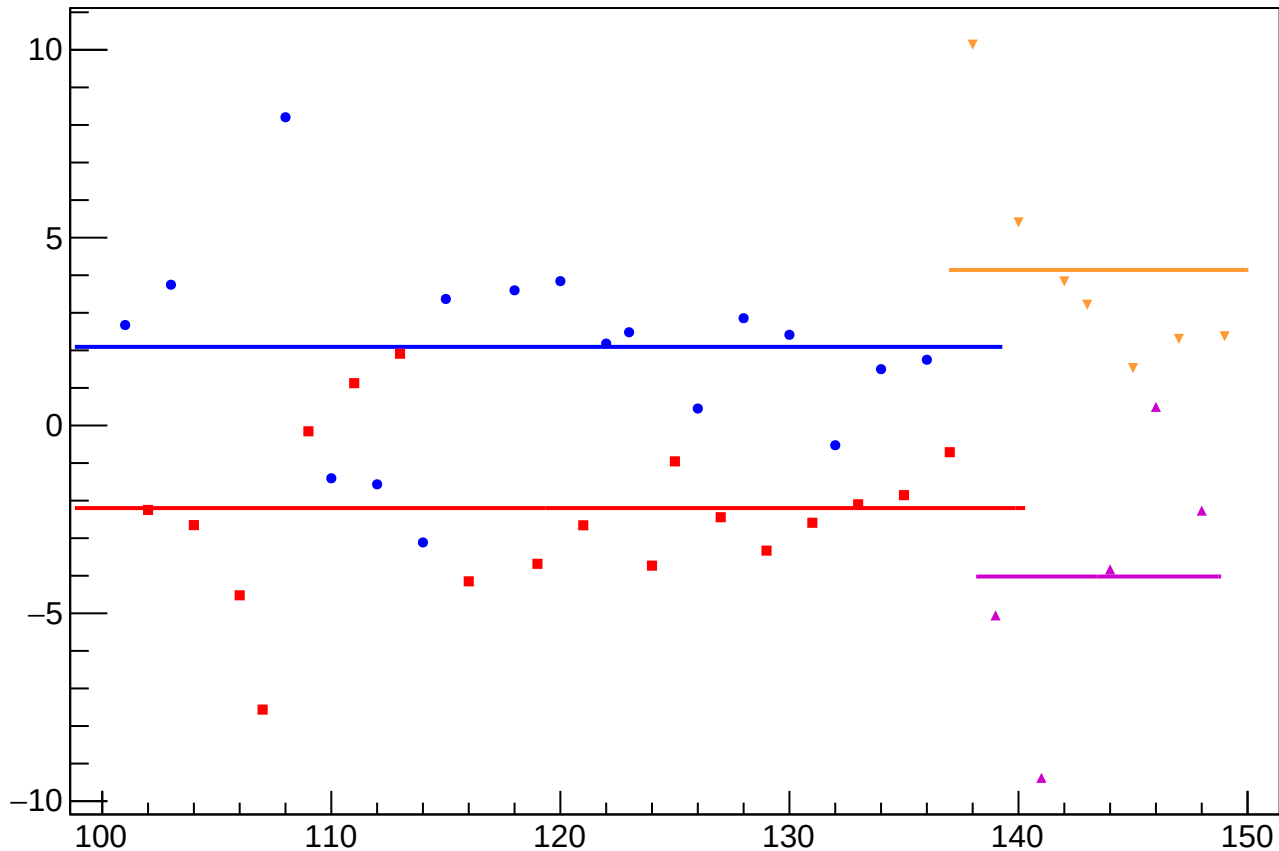
Right In: 6.697 $\pm$ 0.000 χ^2/NDF : 10220265362684500644667484757032960.0/16
 Left Out: 9.606 $\pm$ 0.000 χ^2/NDF : 2726974895167353734068373540569088.0/6
 Right Out: -5.778 $\pm$ 0.000 χ^2/NDF : 3154580715579075896881670619398144.0/17
 Left In: -11.175 $\pm$ 0.000 χ^2/NDF : 1199821030269060061926329640026112.0/4
 All: 0.311 $\pm$ 0.000 χ^2/NDF : 17211233222412

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



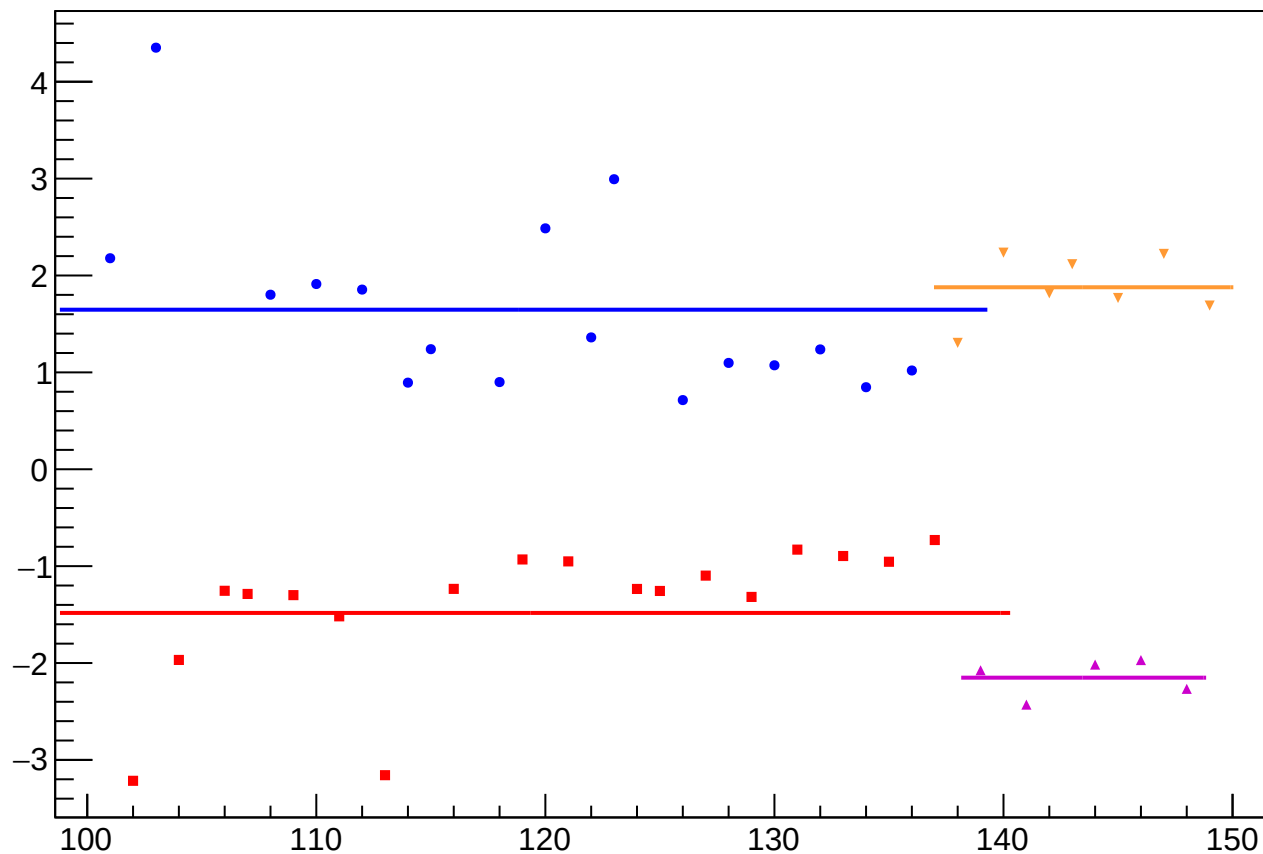
Right In: 1018.403 $\pm$ 0.000 χ^2 /NDF: 32778661856751386998435413517146259456.0/16
 Left Out: 1117.353 $\pm$ 0.000 χ^2 /NDF: 18724803010640496662294029662142070784.0/6
 Right Out: -1050.842 $\pm$ 0.000 χ^2 /NDF: 26898078099677260392287731084448235520.0/17
 Left In: -1153.050 $\pm$ 0.000 χ^2 /NDF: 17834455132148863169068392477481762816.0/4
 All: 17.933 $\pm$ 0.000 χ^2 /NDF: 2806341339317

dit_4aY_coil1_mean vs Slug, Sign Corrected



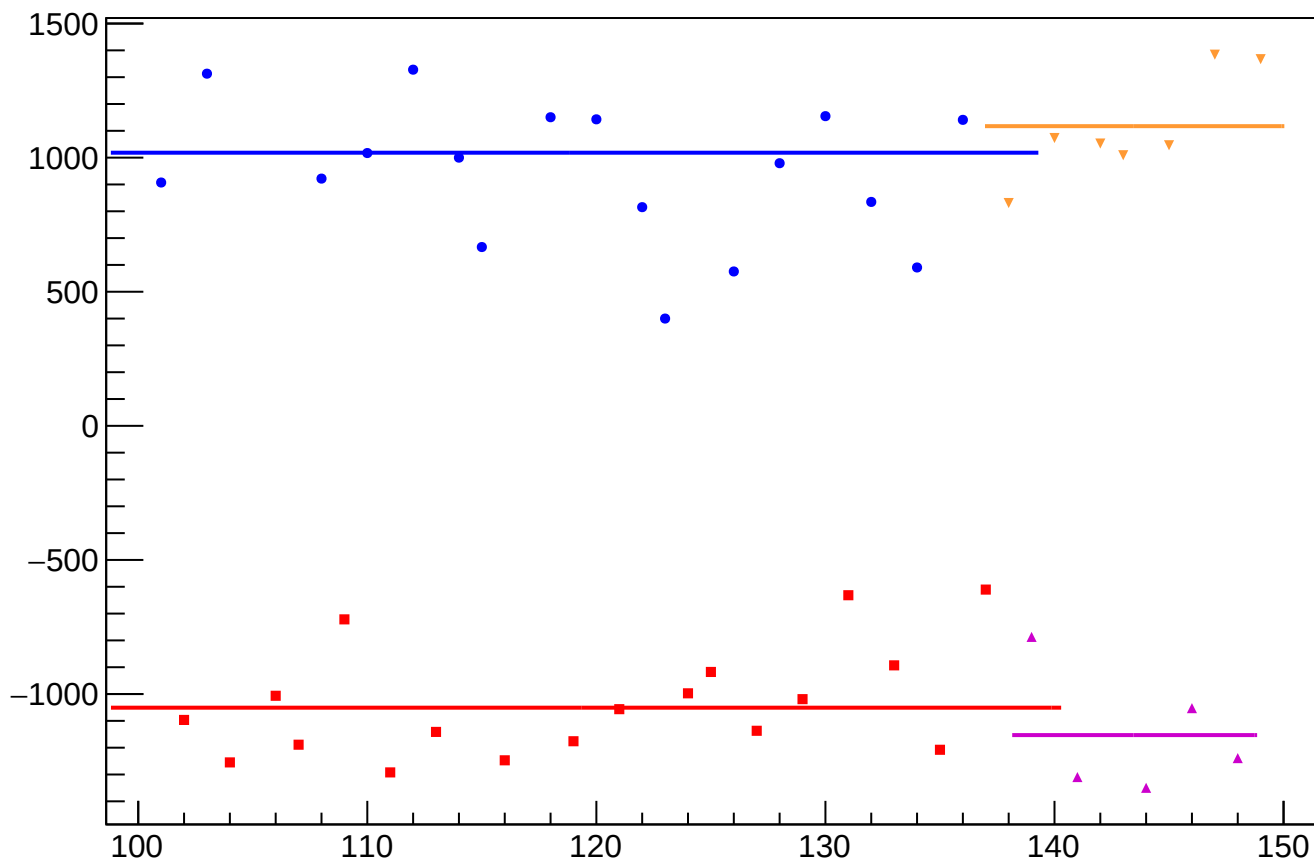
Right In: 2.093 ± 0.000 $\chi^2/\text{NDF}: 3708588340032367175525218060861440.0/16$
 Left Out: 4.141 ± 0.000 $\chi^2/\text{NDF}: 4056224957908450904305837788889088.0/6$
 Right Out: -2.199 ± 0.000 $\chi^2/\text{NDF}: 3107113733134423203865144181391360.0/17$
 Left In: -4.020 ± 0.000 $\chi^2/\text{NDF}: 4480914819318398060552136136065024.0/4$
 All: 0.131 ± 0.000 $\chi^2/\text{NDF}: 37425254418541$

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.647 $\pm$ 0.000 χ^2 /NDF: 651088572320131635658625105526784.0/16
 Left Out: 1.878 $\pm$ 0.000 χ^2 /NDF: 53330272919805868736519801405440.0/6
 Right Out: -1.483 $\pm$ 0.000 χ^2 /NDF: 413770473105203088009551048343552.0/17
 Left In: -2.151 $\pm$ 0.000 χ^2 /NDF: 12523542432956466536731077771264.0/4
 All: 0.059 $\pm$ 0.000 χ^2 /NDF: 83405243616220

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

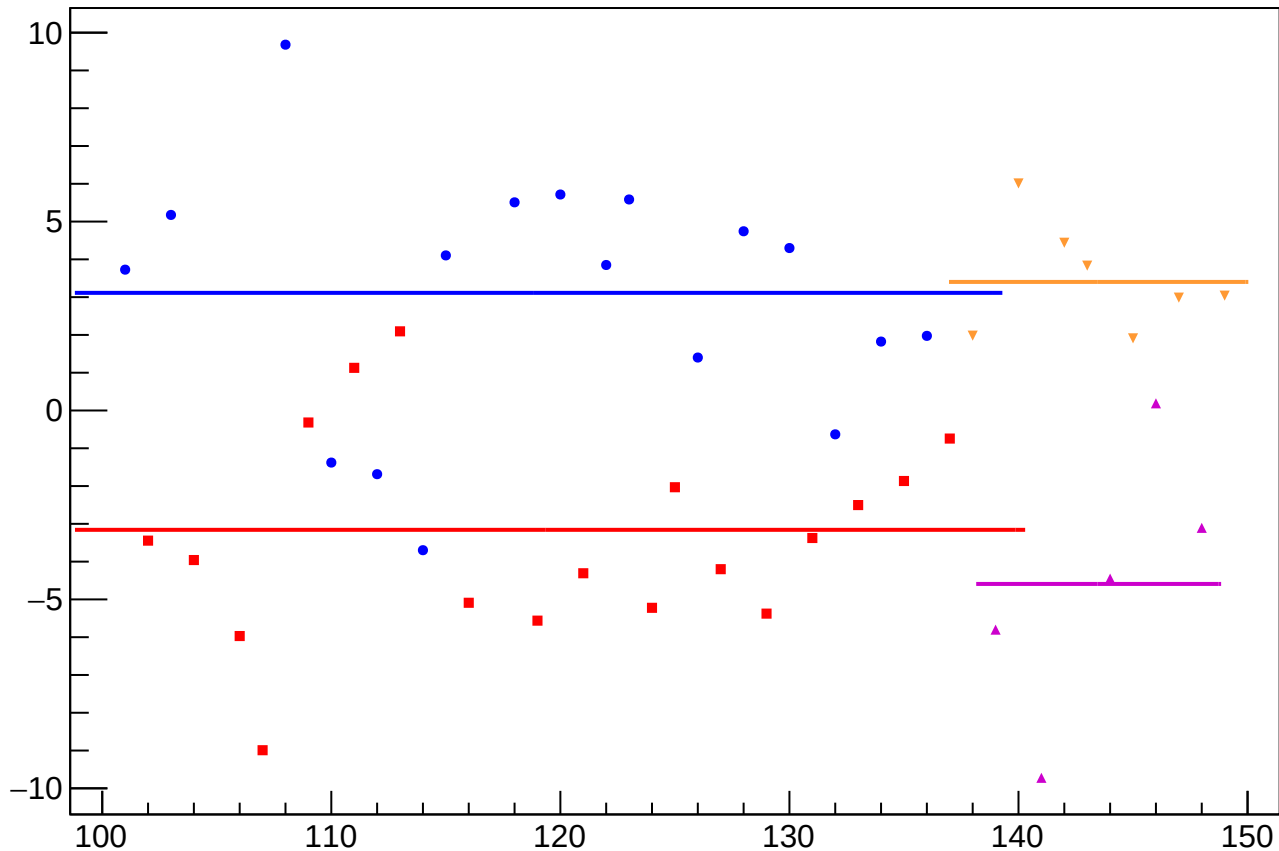
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

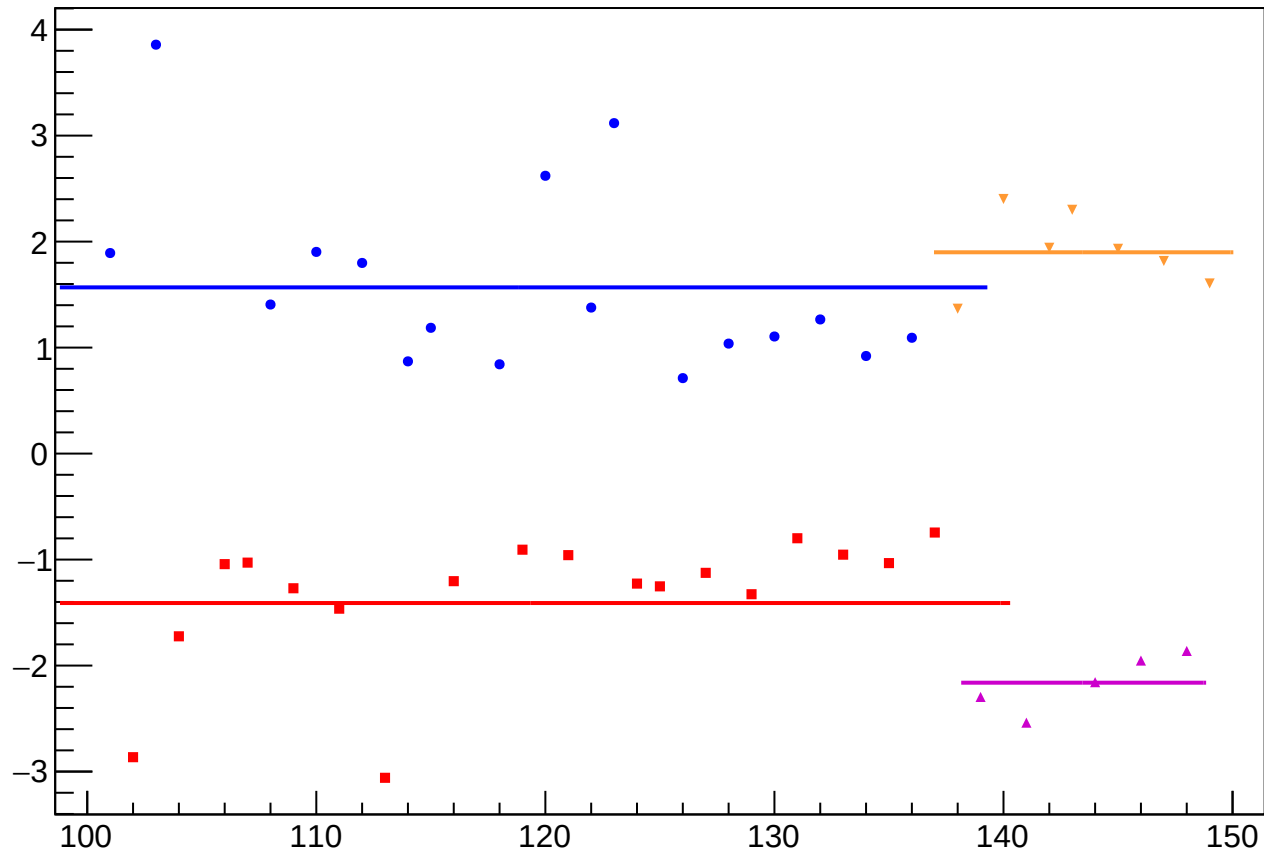
χ^2/NDF : 2806341339317

dit_4eY_coil1_mean vs Slug, Sign Corrected



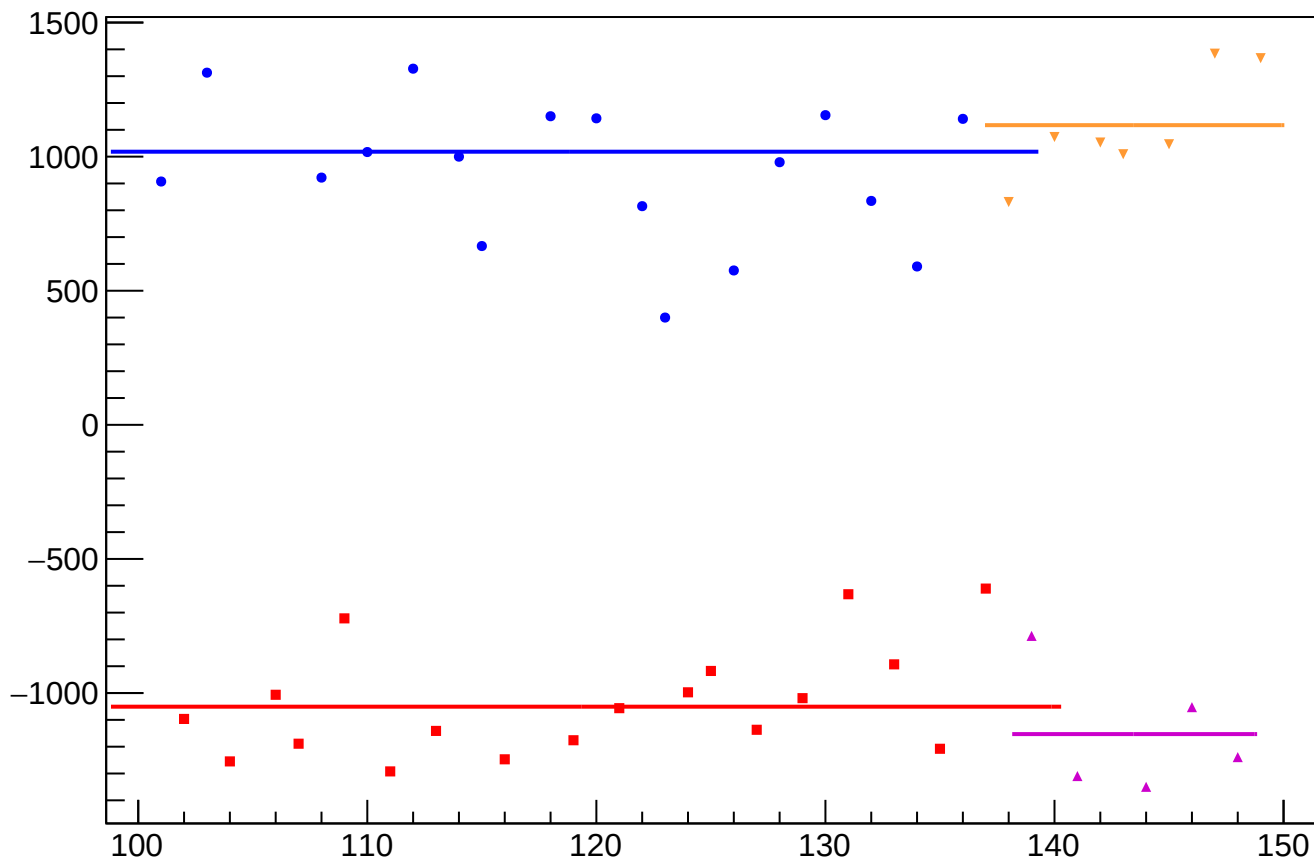
Left: -0.205 +/- 0.000 χ^2/NDF : 20209321695362202
 Right In: 3.113 +/- 0.000 χ^2/NDF : 5969364473683453458180416326336512.0/16
 Right: -0.069 +/- 0.000 χ^2/NDF : 2483579584133620
 Left Out: 3.403 +/- 0.000 χ^2/NDF : 975358704250186300206720810483712.0/6
 In: 0.200 +/- 0.000 χ^2/NDF : 259849772383039030
 Right Out: -3.158 +/- 0.000 χ^2/NDF : 5013186540103138237647291198472192.0/17
 Out: -0.417 +/- 0.000 χ^2/NDF : 18847396221883676
 Left In: -4.591 +/- 0.000 χ^2/NDF : 4439895685780673139089526543613952.0/4
 All: -0.123 +/- 0.000 χ^2/NDF : 4505546249370

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.568+/-0.000 χ^2/NDF : 496968559591870447992286312660992.0/16
 Left Out: 1.899+/-0.000 χ^2/NDF : 61575766184538735559621503614976.0/6
 Right Out: -1.410+/-0.000 χ^2/NDF : 328993477679498579442129623318528.0/17
 Left In: -2.162+/-0.000 χ^2/NDF : 24704662889339222004612842127360.0/4
 All: 0.061+/-0.000 χ^2/NDF : 78537056903471

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

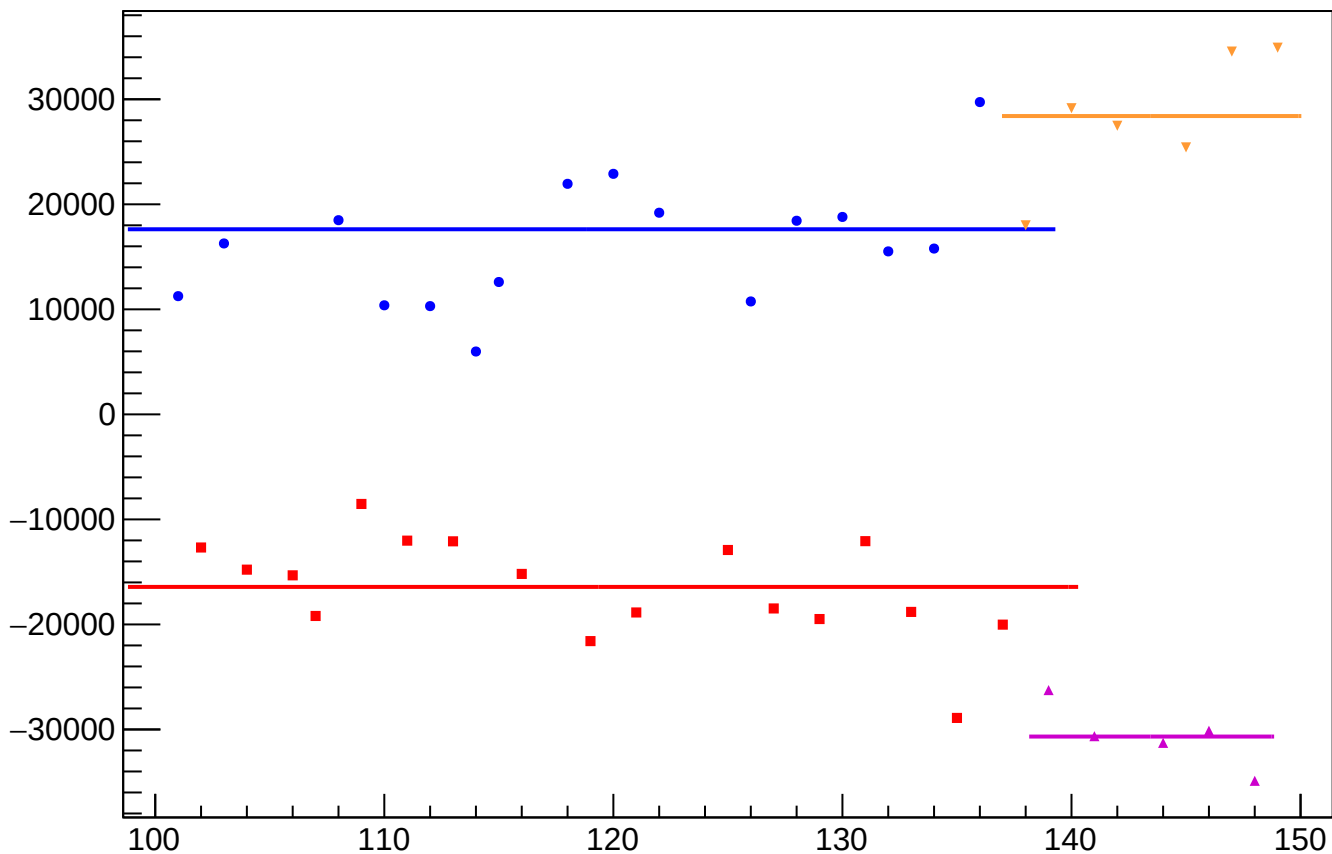
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

χ^2/NDF : 2806341339317

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17623.415+/-0.000

χ^2/NDF : 26214852160510248108396540611197117923328.0/15

Left Out: 28403.307+/-0.000

χ^2/NDF : 15719044911243573902256448813735306330112.0/5

Right Out: -16427.279+/-0.000

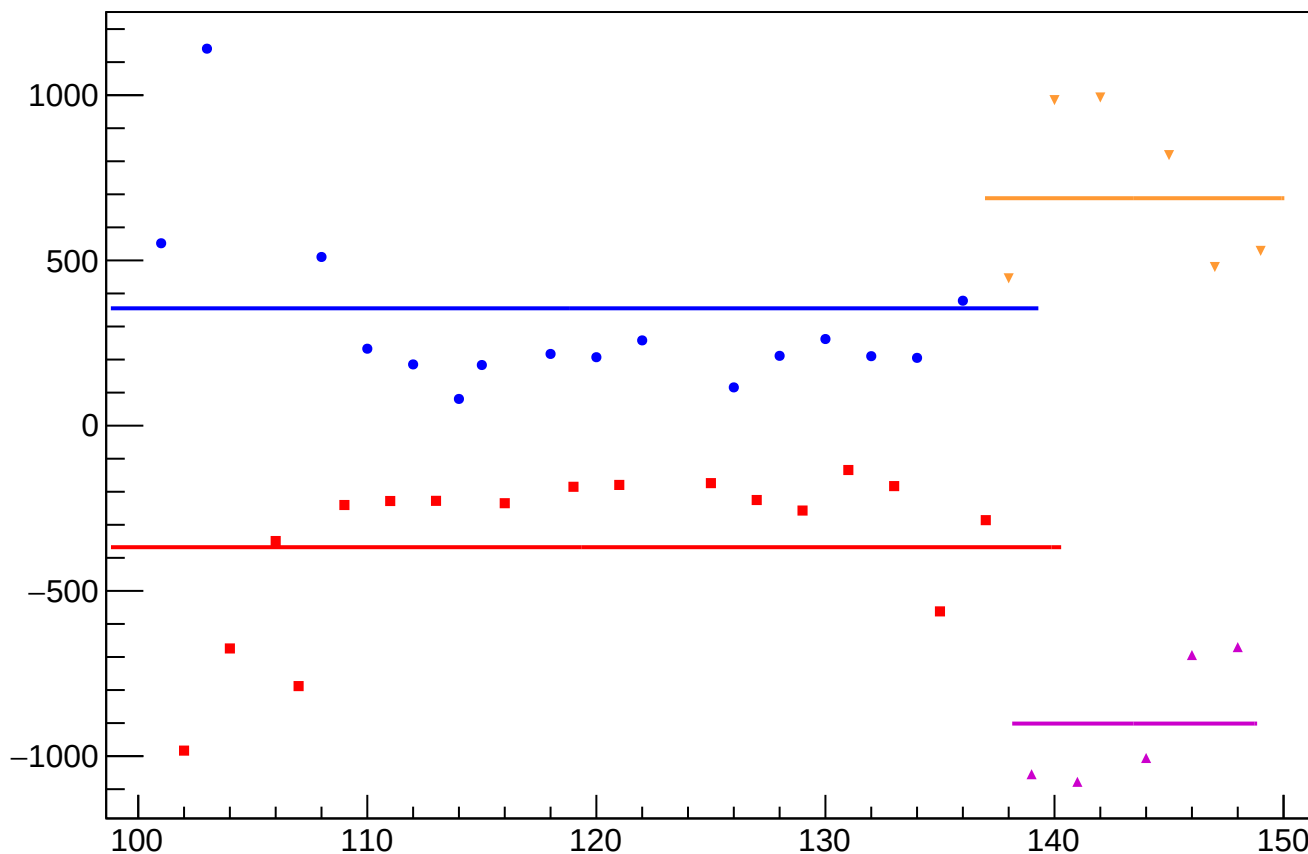
χ^2/NDF : 17497664990525804314439933995132913713152.0/16

Left In: -30675.090+/-0.000

χ^2/NDF : 3133007326624619004974573634957424459776.0/4

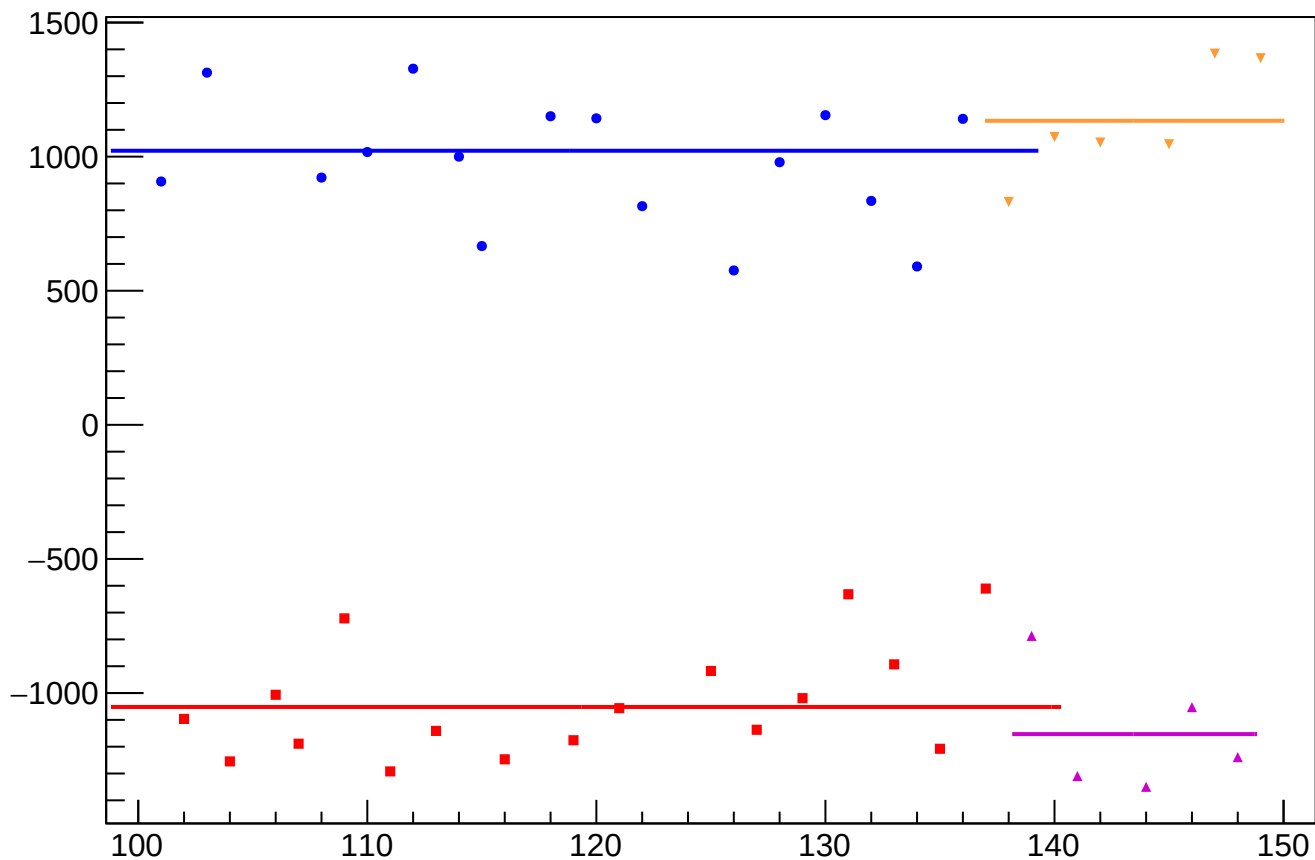
All: 162.736+/-0.000 χ^2/NDF : 122287207802

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Left: -84.651 +/- 0.000 χ^2/NDF : 5844482123070814
 Right: -9.212 +/- 0.000 χ^2/NDF : 2794166429678019
 In: -121.780 +/- 0.000 χ^2/NDF : 4772702501900027
 Out: 42.832 +/- 0.000 χ^2/NDF : 37433699936086037
 All: -38.199 +/- 0.000 χ^2/NDF : 866906652991

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.988+/-0.000

χ^2/NDF : 31240102732297466680062358937095110656.0/15

Left Out: 1133.637+/-0.000

χ^2/NDF : 17819285894861260402638629532529065984.0/5

Right Out: -1051.912+/-0.000

χ^2/NDF : 26857120331966502825045576618889707520.0/16

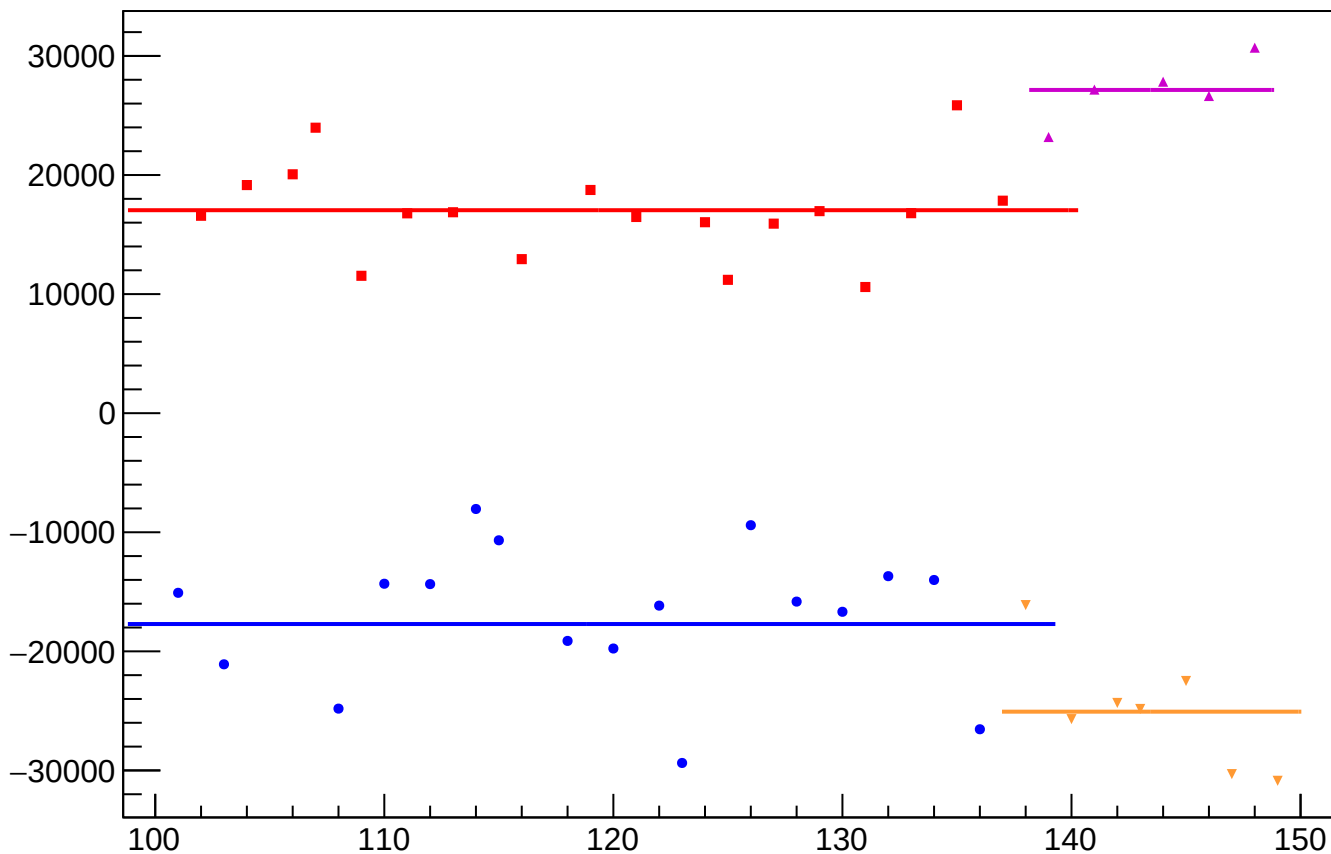
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: -5.845+/-0.000

χ^2/NDF : 2724248511017

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -17706.432+/-0.000

Left Out: -25065.842+/-0.000

Right Out: 17045.413+/-0.000

Left In: 27144.910+/-0.000

χ^2/NDF : 17446583920719856354509663675734298722304.0/16

χ^2/NDF : 11802387217290935778472475122307684106240.0/6

χ^2/NDF : 10956517506901040130363493382016229965824.0/17

χ^2/NDF : 2388257015126195953356591865536809271296.0/4

Left: -1501.203+/-0.000 χ^2/NDF : 64534865755490

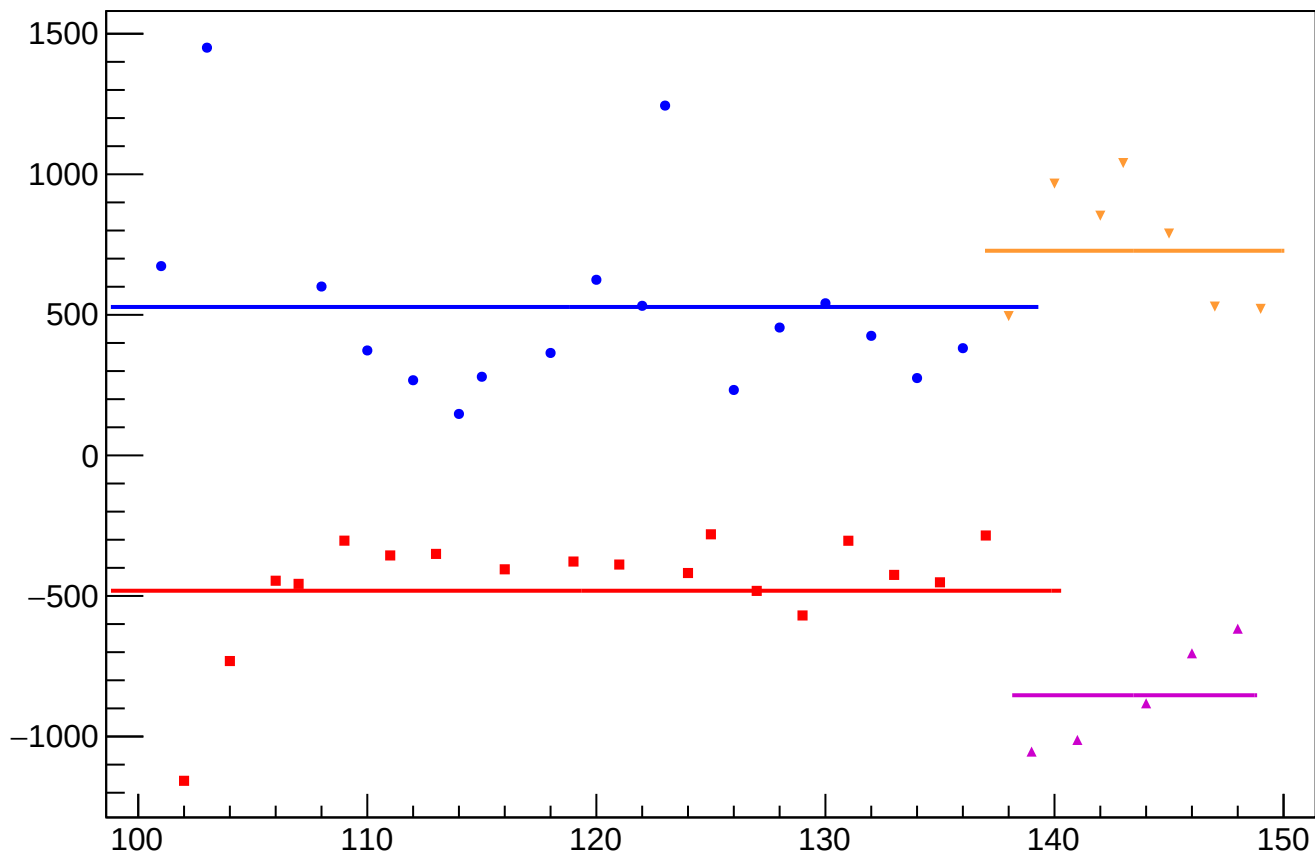
Right: -71.535+/-0.000 χ^2/NDF : 453717668983601

In: -746.516+/-0.000 χ^2/NDF : 5477432932014027

Out: -546.666+/-0.000 χ^2/NDF : 552448457287096

All: -641.817+/-0.000 χ^2/NDF : 11002151017

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 528.041 +/- 0.000

χ^2/NDF : 69659723827653646879006199384029265920.0/16

Left Out: 728.014 +/- 0.000

χ^2/NDF : 23088204173879902041288226442804461568.0/6

Right Out: -481.423 +/- 0.000

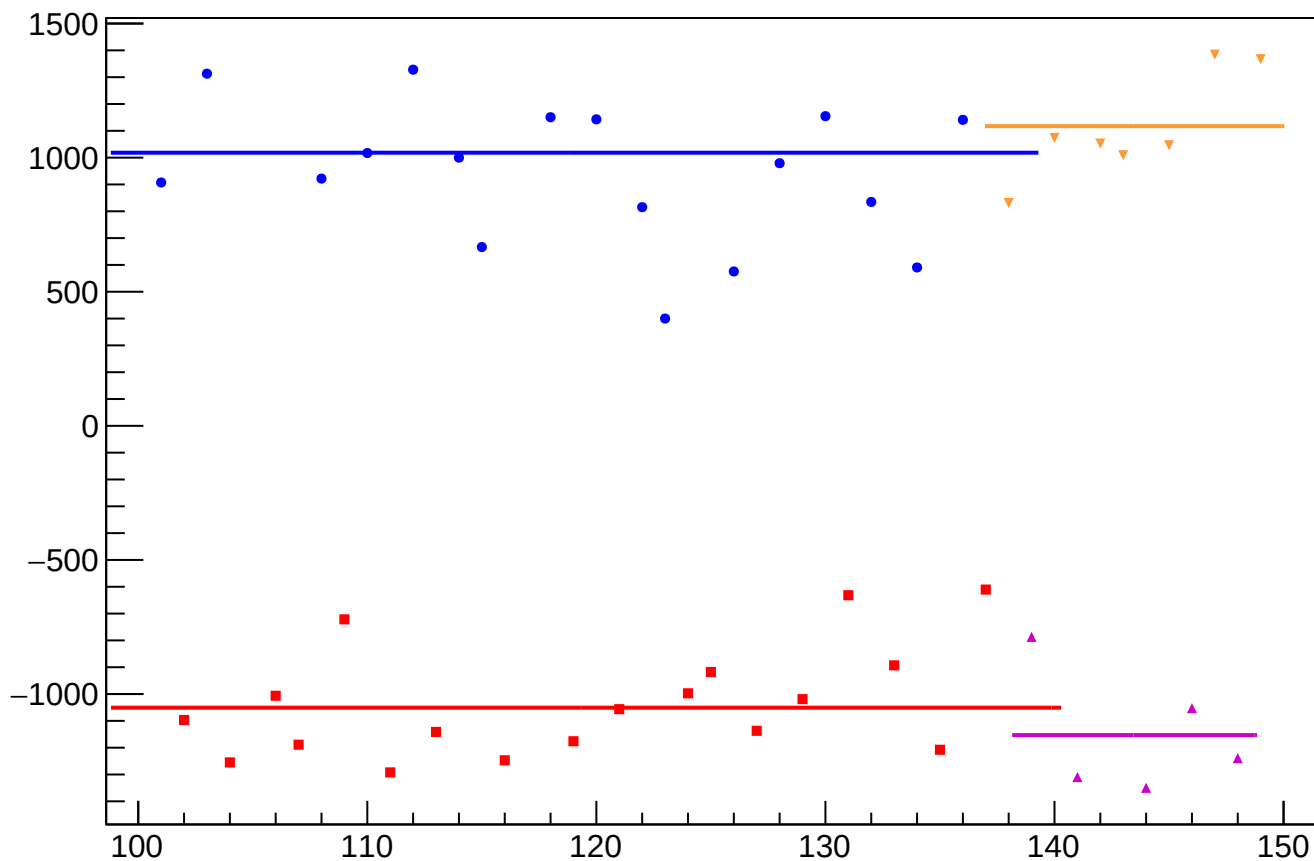
χ^2/NDF : 37781807344960782949995964438094544896.0/17

Left In: -853.239 +/- 0.000

χ^2/NDF : 12031492764844968079384349688543051776.0/4

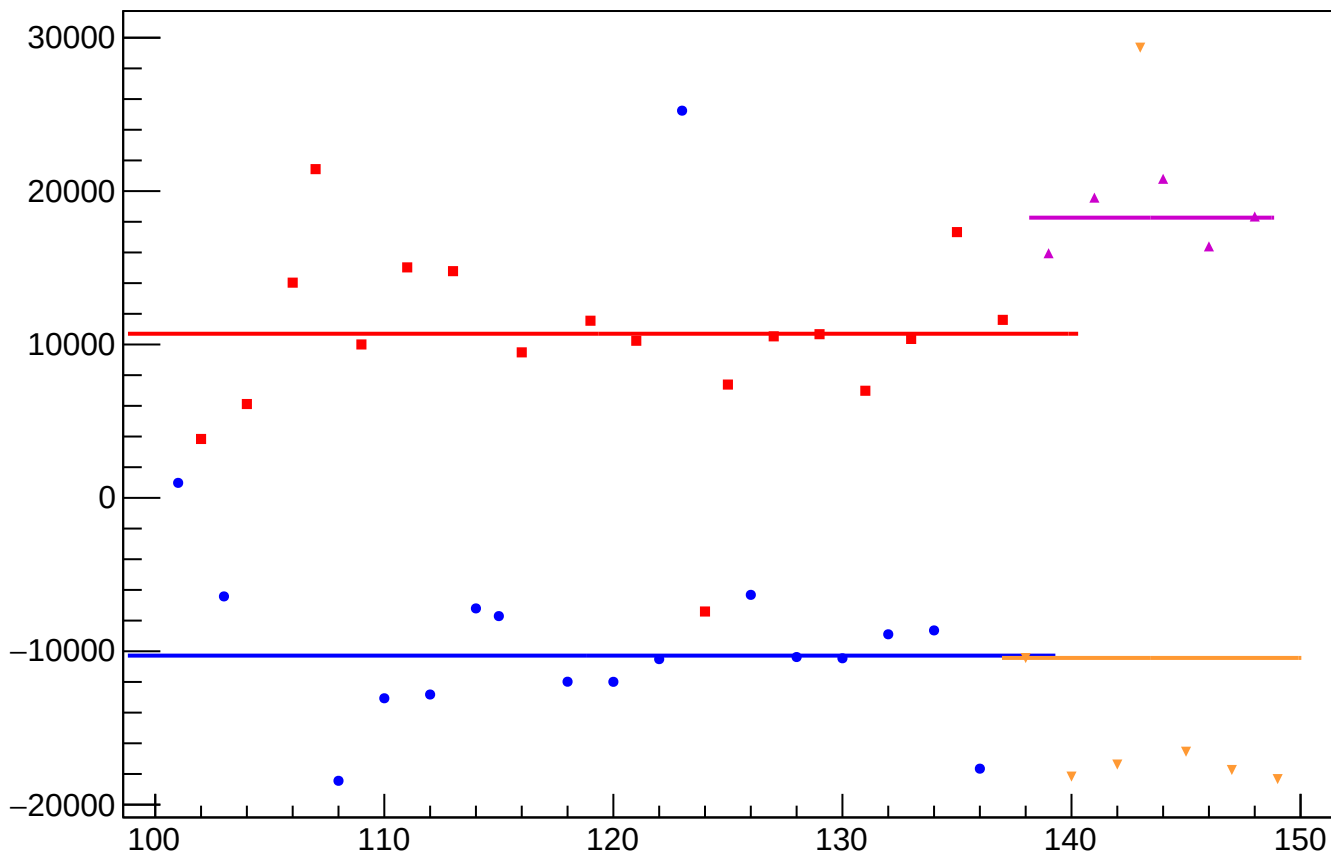
Left: 14.336 +/- 0.000 χ^2/NDF : 61404284467270809
 Right: 15.787 +/- 0.000 χ^2/NDF : 4663106171040753
 In: 5.729 +/- 0.000 χ^2/NDF : 5823838778079063864
 Out: 23.823 +/- 0.000 χ^2/NDF : 49777936661350732
 All: 15.208 +/- 0.000 χ^2/NDF : 1080354644088

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



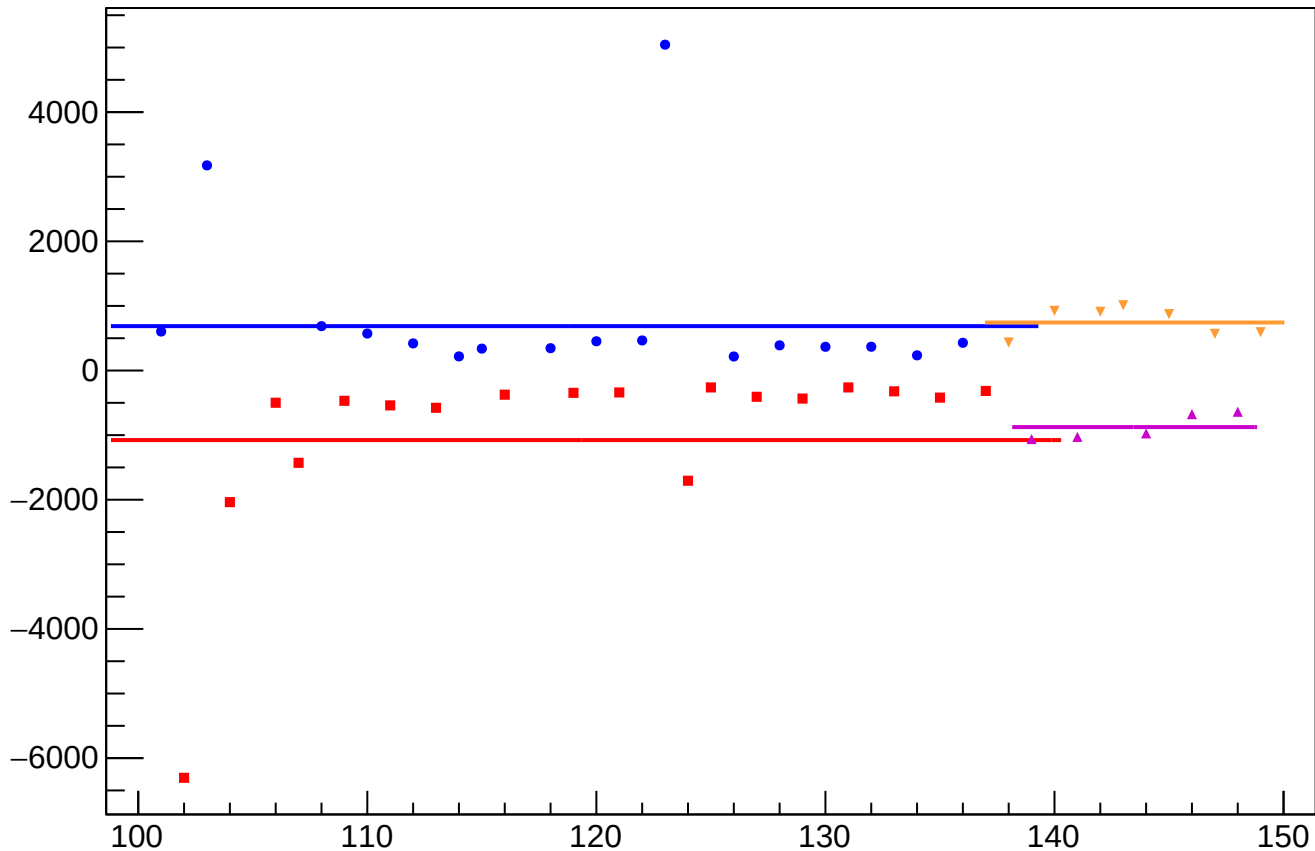
Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1117.353+/-0.000 χ^2/NDF : 18724803010640496662294029662142070784.0/6
 Right Out: -1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: -1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4
 All: 17.933+/-0.000 χ^2/NDF : 2806341339317

dit_atl1_coil1_mean vs Slug, Sign Corrected



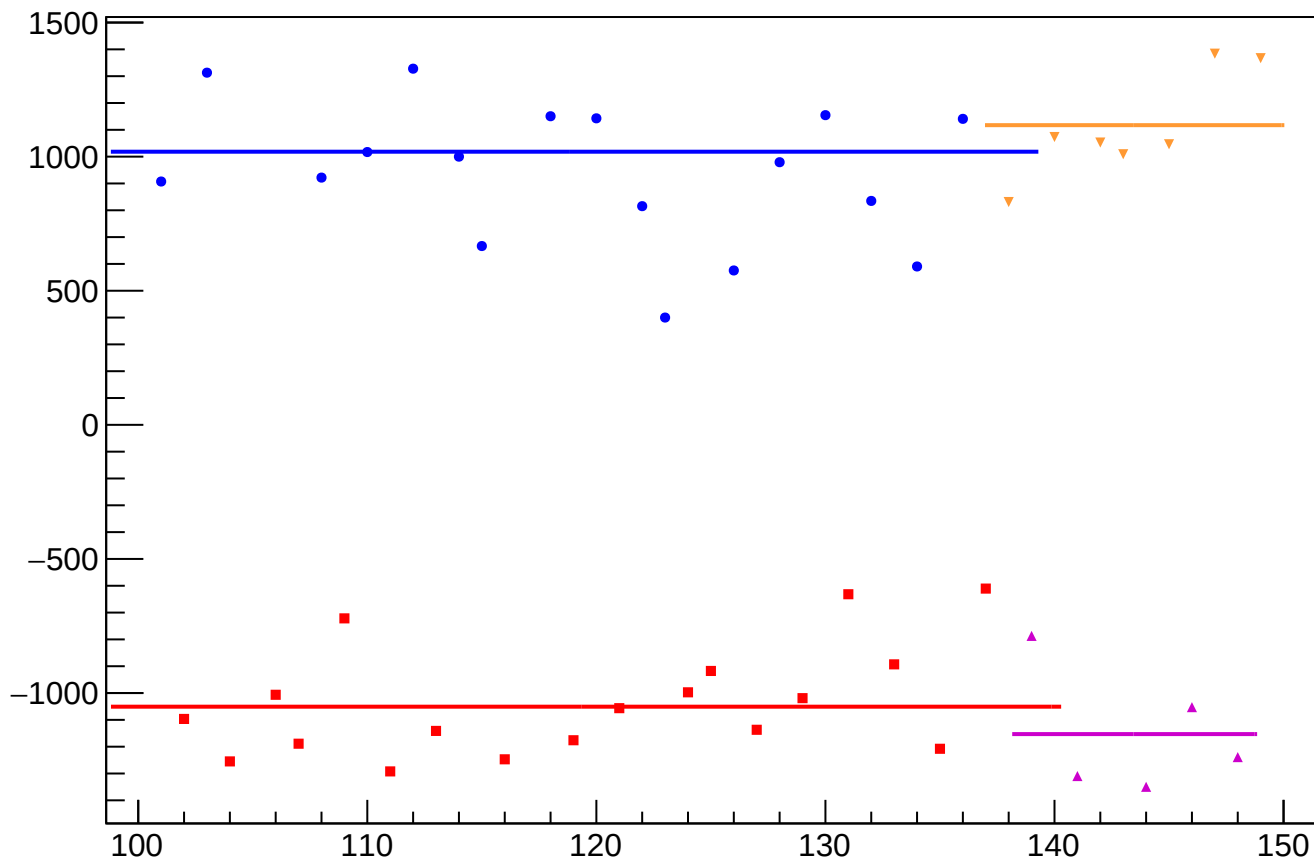
Right In: -10283.660+/-0.000 χ^2/NDF : 22542685724167344155071704935611221671936.0/16
 Left Out: -10434.293+/-0.000 χ^2/NDF : 125512772280451925508956531534345007005696.0/6
 Right Out: 10700.860+/-0.000 χ^2/NDF : 17608009820774086602629870631925827239936.0/17
 Left In: 18268.678+/-0.000 χ^2/NDF : 1443308338345236197971257074246148423680.0/4
 All: 1224.763+/-0.000 χ^2/NDF : 51555004008

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Left: 12.743+/-0.000 χ^2/NDF : 6421497035145635
 Right In: 686.989+/-0.000 χ^2/NDF : 493304193623954738914781428530632720384.0/16
 Left Out: 743.346+/-0.000 χ^2/NDF : 21803420629820018962010354301100097536.0/6
 Right Out: -1076.905+/-0.000 χ^2/NDF : 1898129082549914246384223466564869947392.0/17
 Left In: -875.406+/-0.000 χ^2/NDF : 13639899249429941000880817474254143488.0/4
 All: -120.009+/-0.000 χ^2/NDF : 41567153230

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

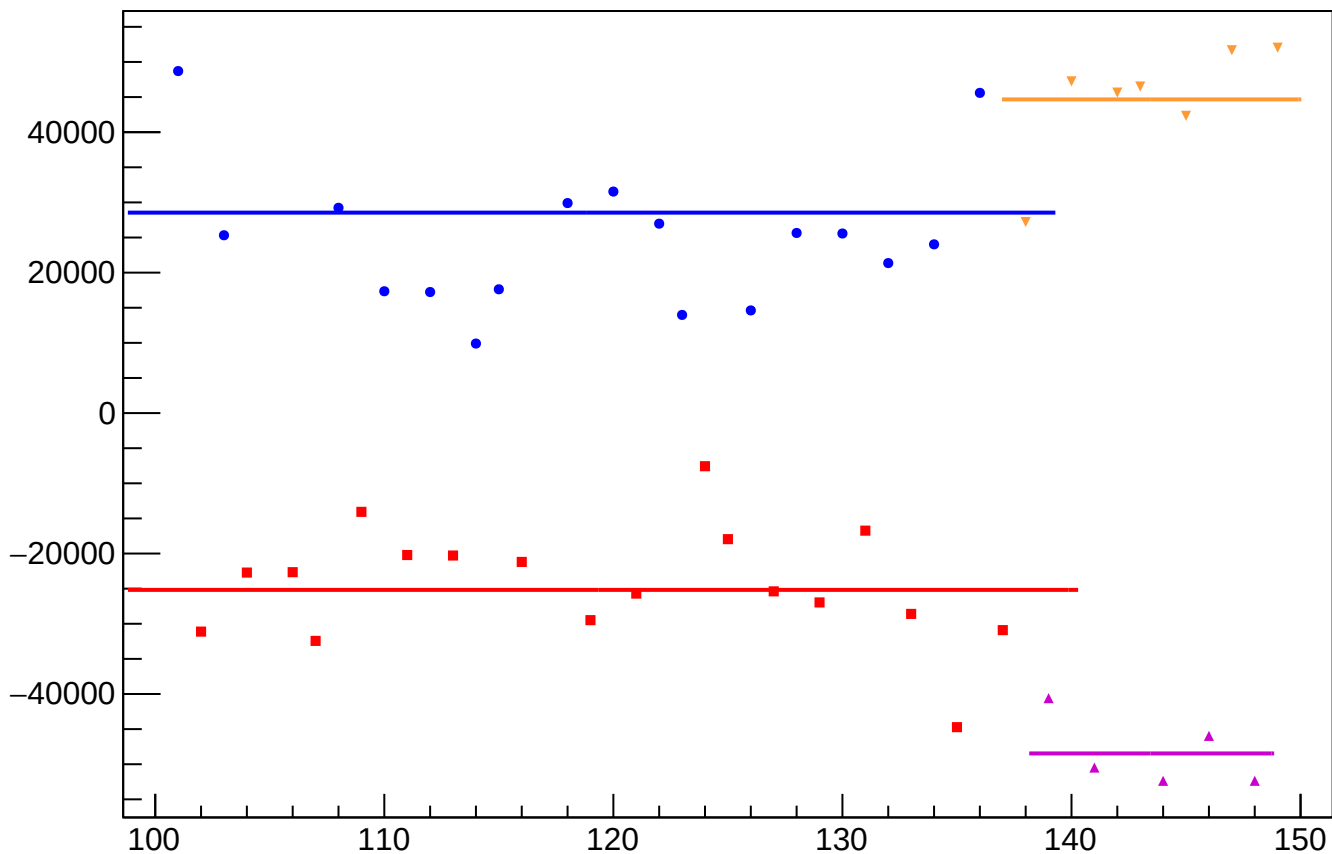
χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

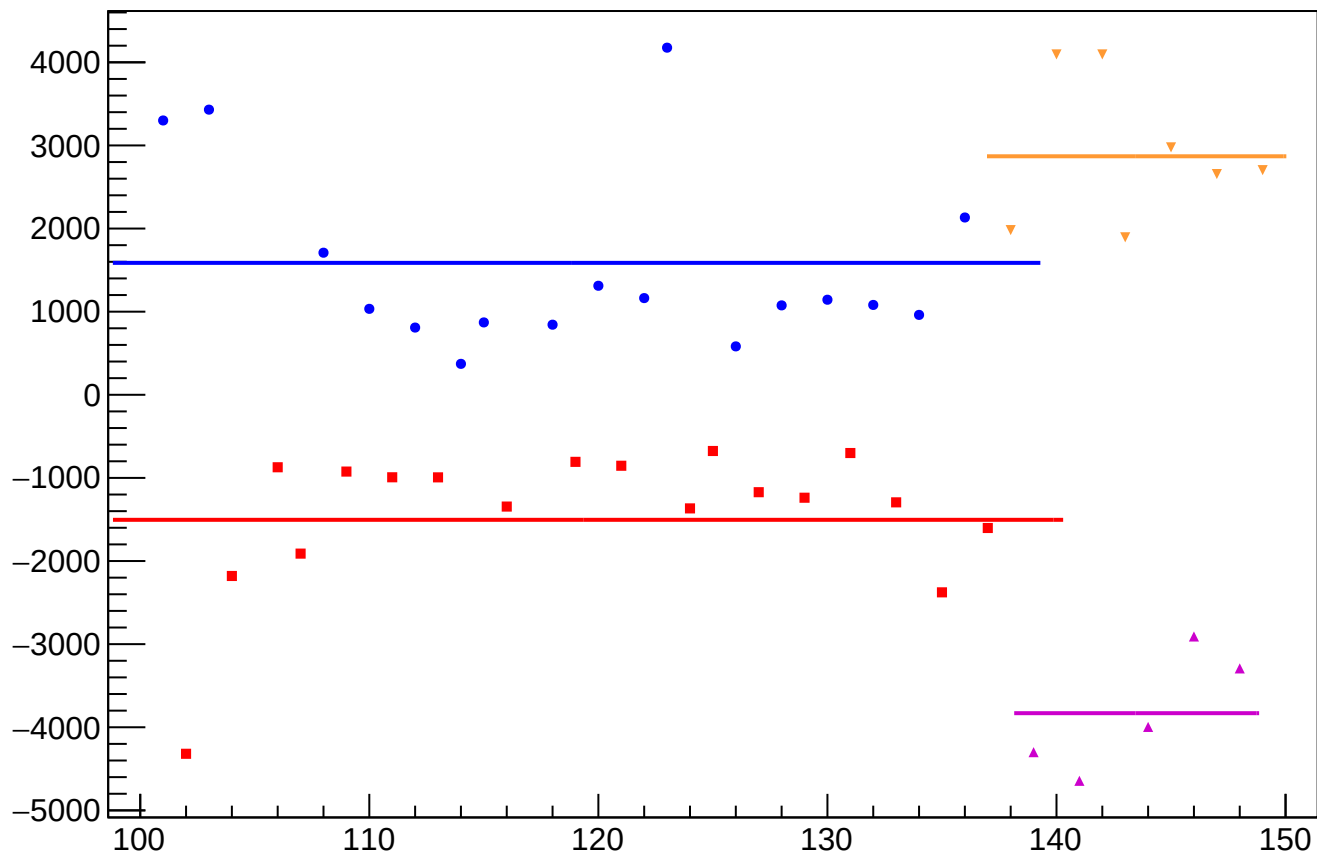
All: 17.933+/-0.000 χ^2/NDF : 2806341339317

dit_atl2_coil1_mean vs Slug, Sign Corrected



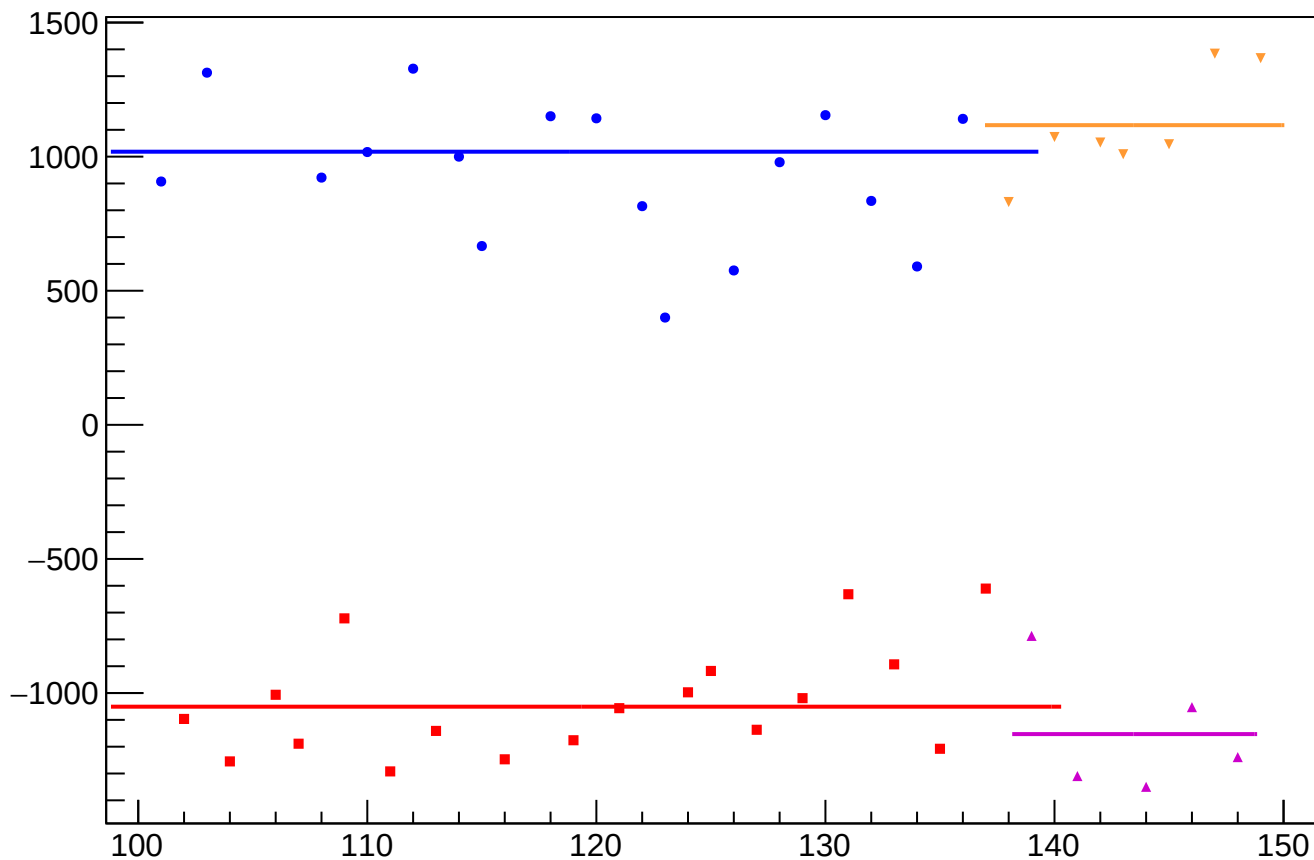
Right In: 28545.088+/-0.000 χ^2/NDF : 79305503092498524397532941064889916456960.0/16
 Left Out: 44666.750+/-0.000 χ^2/NDF : 33390709201273491318377719696805670682624.0/6
 Right Out: -25173.072+/-0.000 χ^2/NDF : 42747079455180569490134671830323044548608.0/17
 Left In: -48463.286+/-0.000 χ^2/NDF : 8505099699982207136606973980151648354304.0/4
 All: 1823.413+/-0.000 χ^2/NDF : 31893683087

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1587.187+/-0.000 χ^2/NDF : 615324434940076903003531567179686215680.0/16
 Left Out: 2869.384+/-0.000 χ^2/NDF : 324287030900790046938362498910718525440.0/6
 Right Out: -1504.230+/-0.000 χ^2/NDF : 678771439829187339393474850676239499264.0/17
 Left In: -3830.546+/-0.000 χ^2/NDF : 171554651911425109949325918894817280000.0/4
 All: -50.560+/-0.000 χ^2/NDF : 155658390314

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

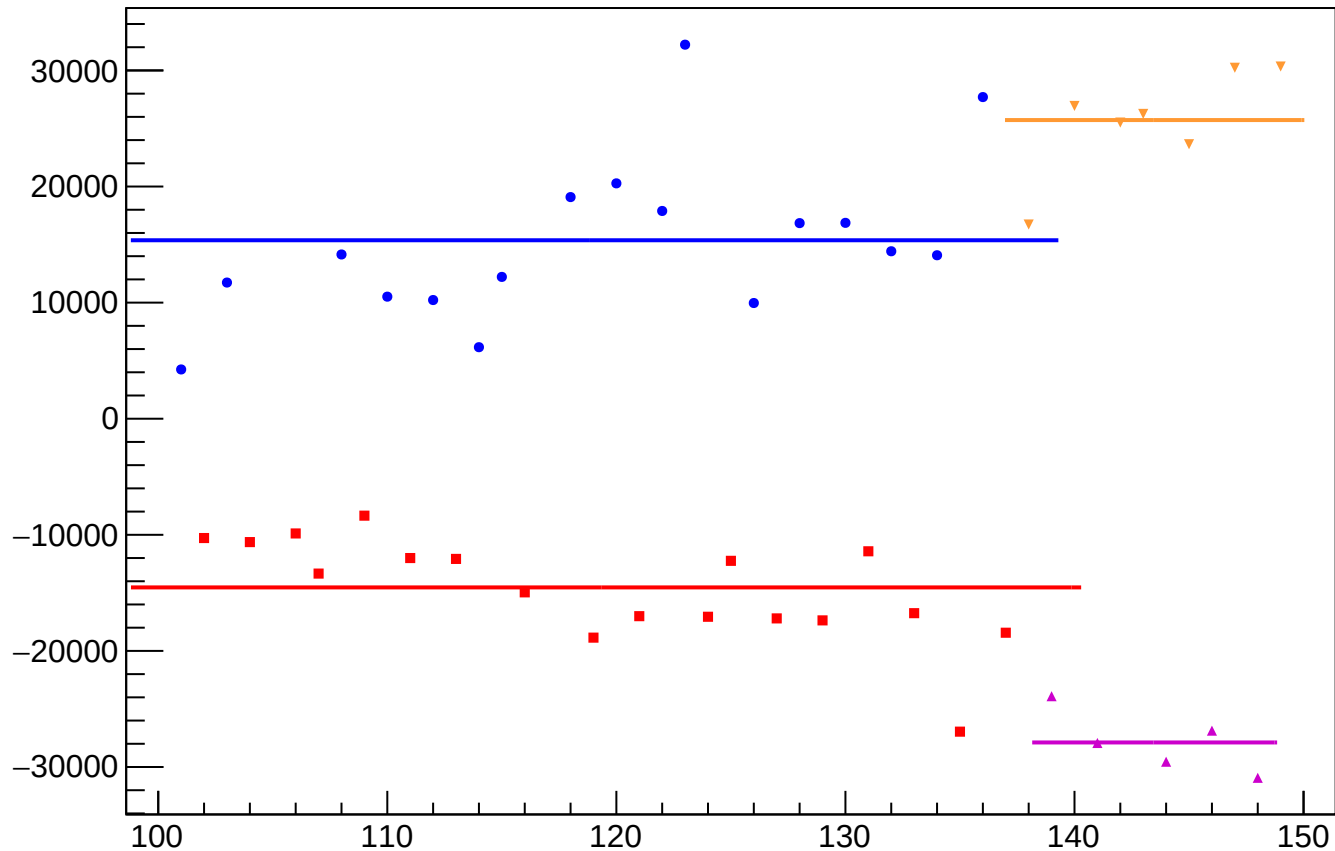
χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

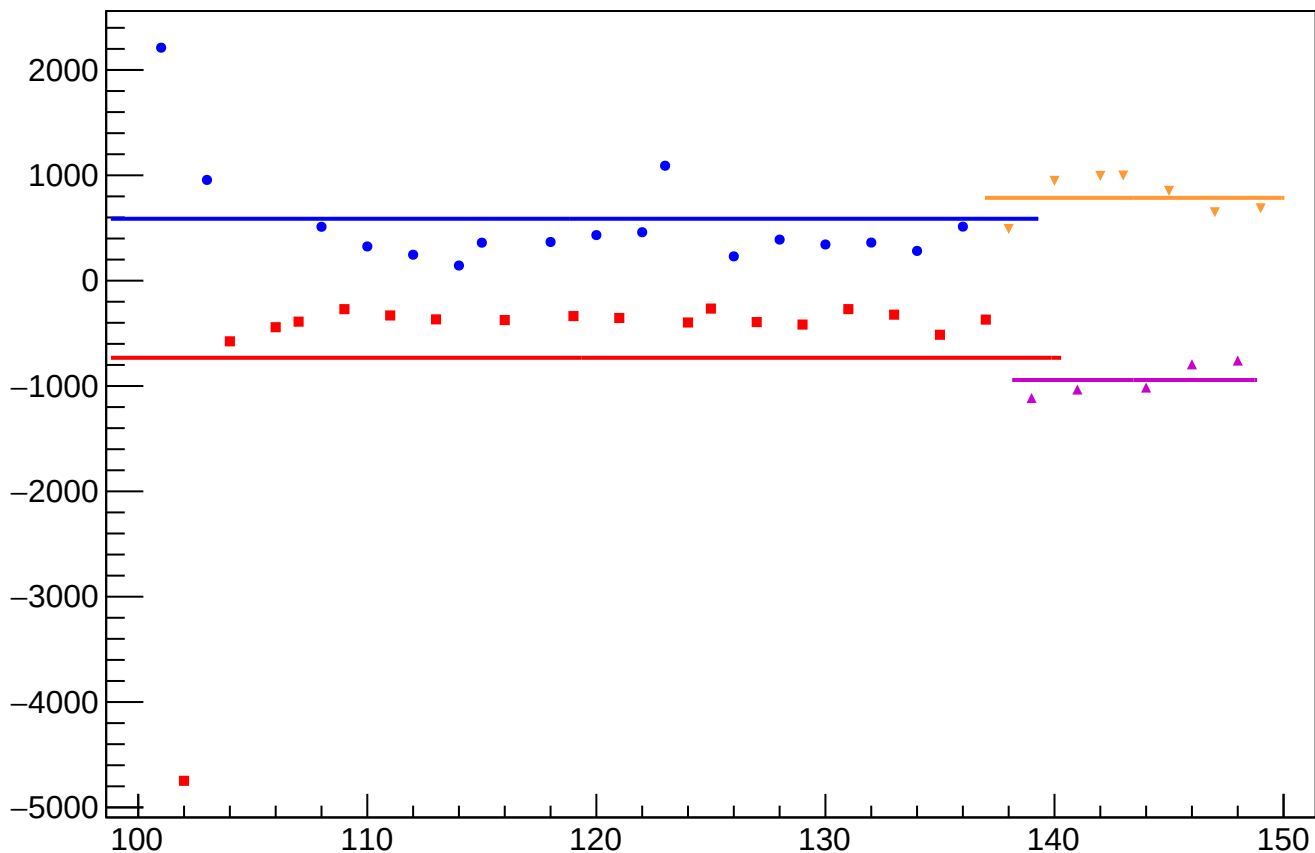
All: 17.933+/-0.000 χ^2/NDF : 2806341339317

dit_atr1_coil1_mean vs Slug, Sign Corrected



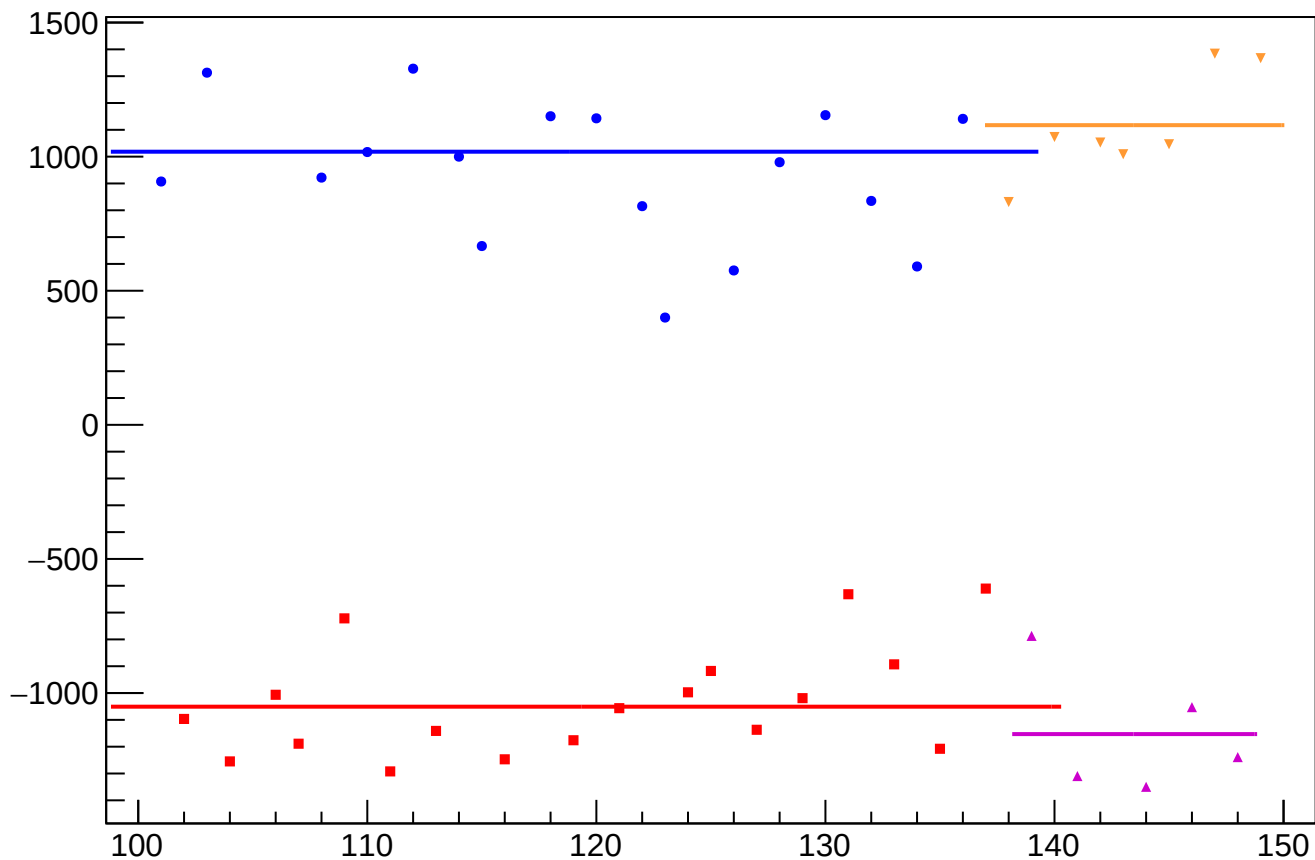
Right In: 15371.957 $\pm$ 0.000 χ^2 /NDF: 29284474571084462407736251938608521412608.0/16
 Left Out: 25725.604 $\pm$ 0.000 χ^2 /NDF: 10164170344428608908720071850934560358400.0/6
 Right Out: -14530.553 $\pm$ 0.000 χ^2 /NDF: 15462988113686651104588076983529515253760.0/17
 Left In: -27886.081 $\pm$ 0.000 χ^2 /NDF: 2394971032984379520544508047562494705664.0/4
 All: 728.712 $\pm$ 0.000 χ^2 /NDF: 103868316336

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 587.577 ± 0.000 $\chi^2/\text{NDF}: 195107984512310448986091727250308202496.0/16$
 Left Out: 786.079 ± 0.000 $\chi^2/\text{NDF}: 16574267237496777349908185594948747264.0/6$
 Right Out: -732.166 ± 0.000 $\chi^2/\text{NDF}: 1022613131551712750449458449642369843200.0/17$
 Left In: -942.933 ± 0.000 $\chi^2/\text{NDF}: 8219552397276184155777382433165410304.0/4$
 All: -47.090 ± 0.000 $\chi^2/\text{NDF}: 255240997233$

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

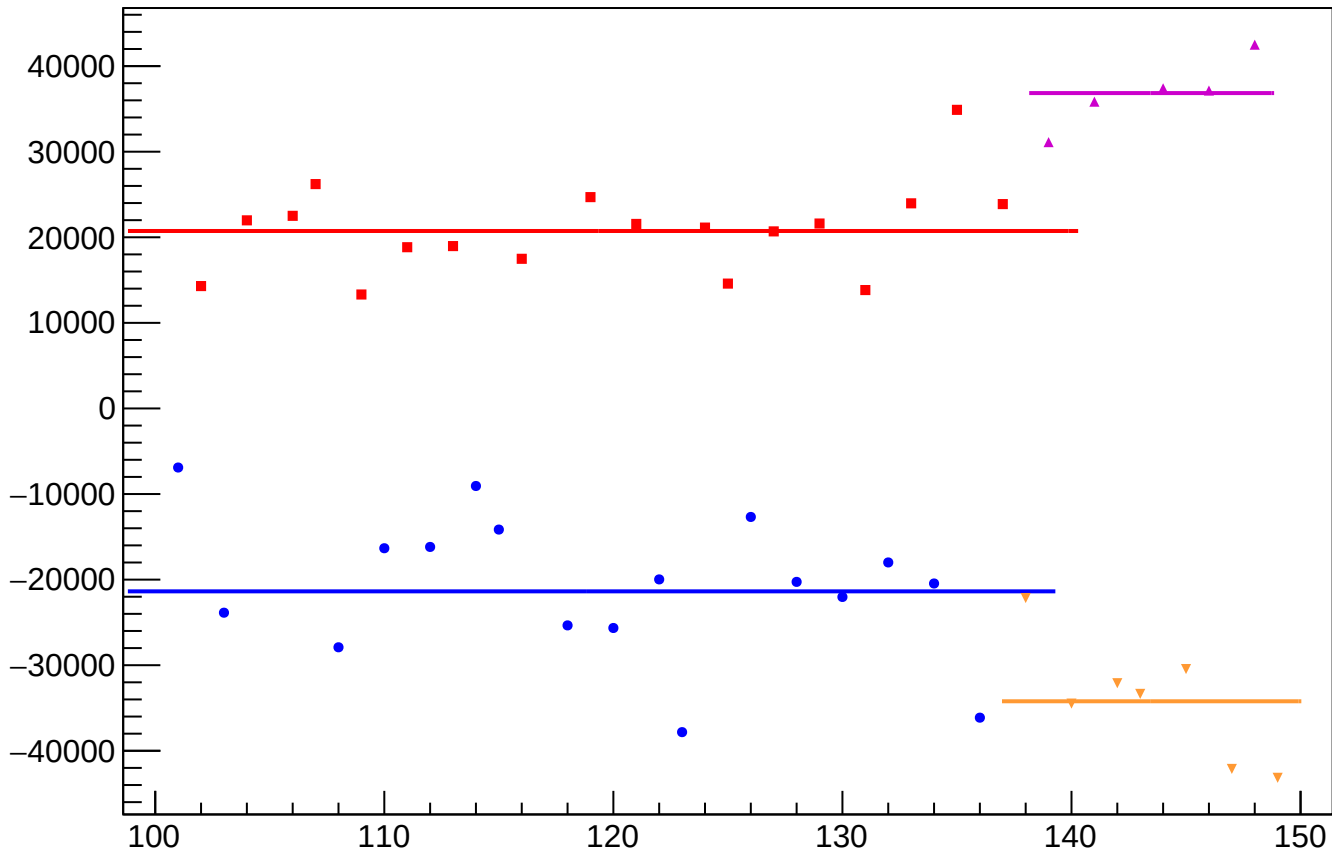
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

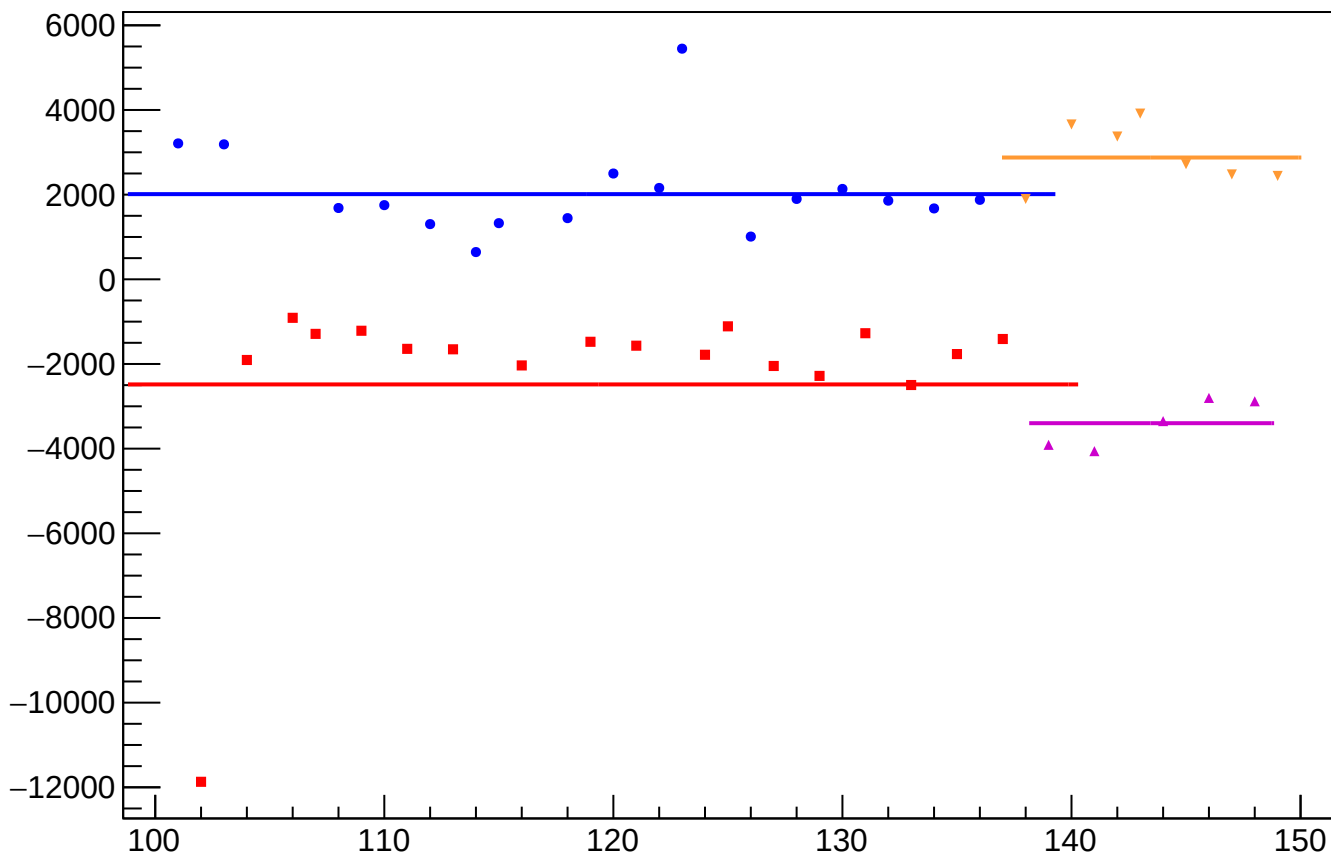
χ^2/NDF : 2806341339317

dit_atr2_coil1_mean vs Slug, Sign Corrected



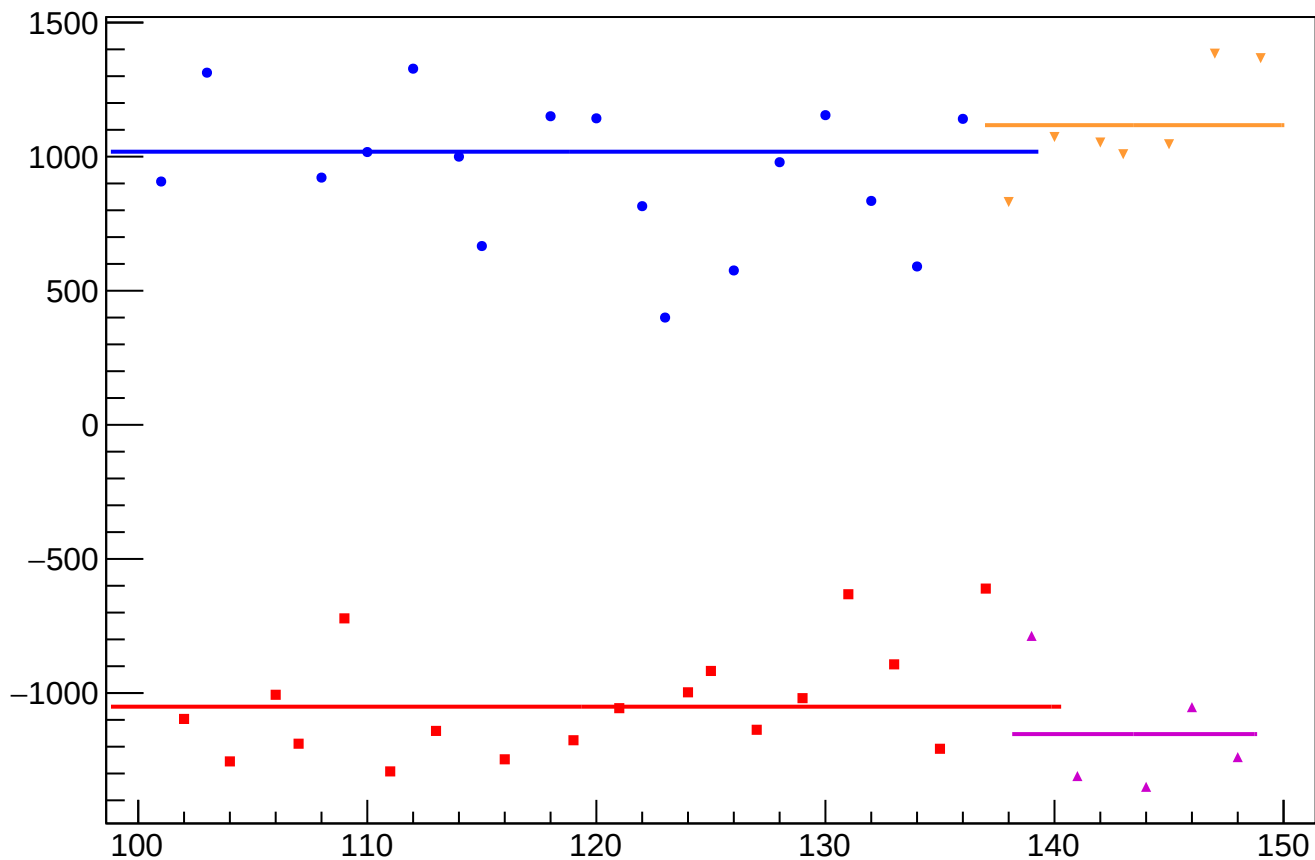
Right In: -21370.339 ± 0.000 $\chi^2/\text{NDF}: 44476087148423218769698830448172004802560.0/16$
 Left Out: -34215.396 ± 0.000 $\chi^2/\text{NDF}: 24304504253103959989821005940156216115200.0/6$
 Right Out: 20735.001 ± 0.000 $\chi^2/\text{NDF}: 21267884844776863671050573800564620001280.0/17$
 Left In: 36849.151 ± 0.000 $\chi^2/\text{NDF}: 5468703698105516657438329779765592981504.0/4$
 All: -856.504 ± 0.000 $\chi^2/\text{NDF}: 18917312679$

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



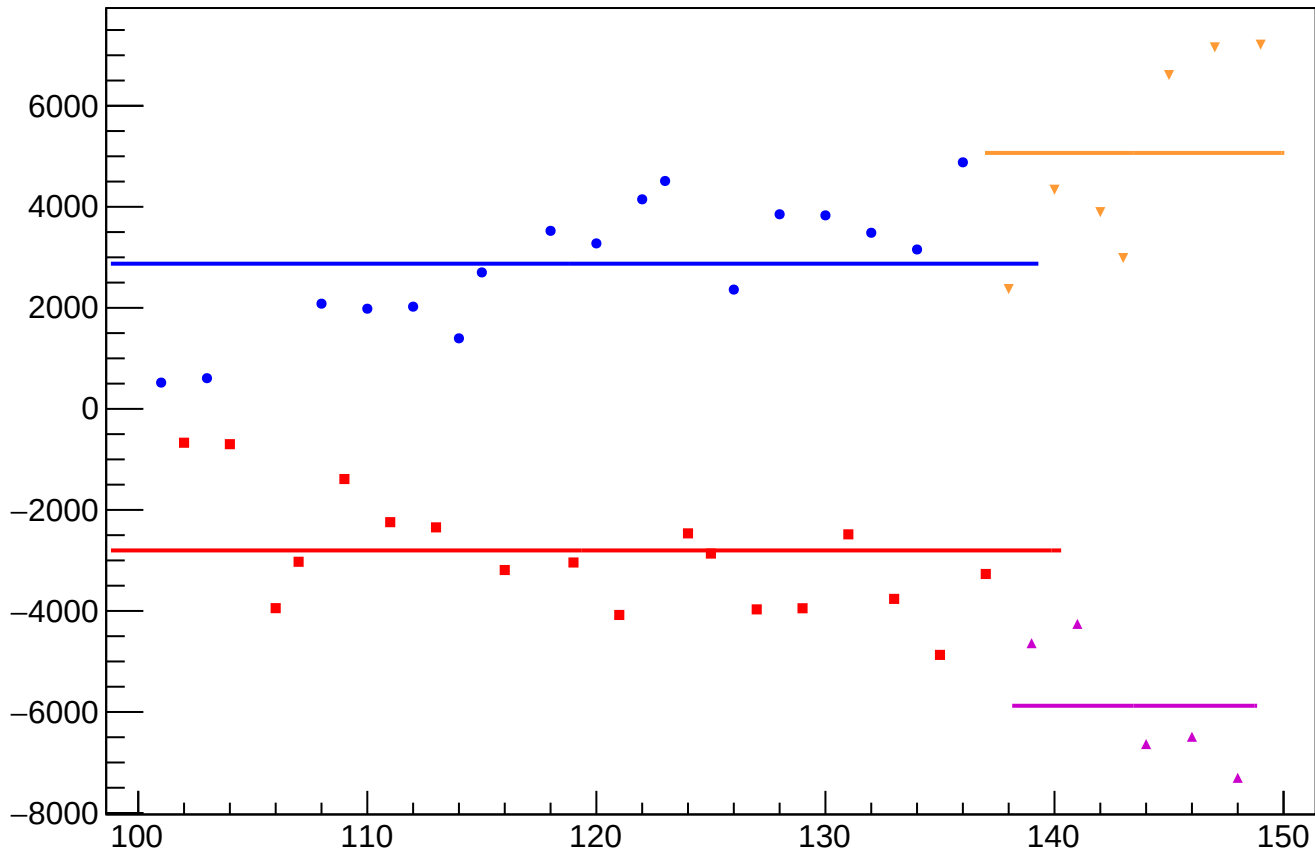
Right In: 2011.970+/-0.000 χ^2/NDF : 346652592308673178727003456260959895552.0/16
 Left Out: 2876.932+/-0.000 χ^2/NDF : 238339707158978451939753280900029218816.0/6
 Right Out: -2482.921+/-0.000 χ^2/NDF : 5673812113008855047349052904680066121728.0/17
 Left In: -3398.809+/-0.000 χ^2/NDF : 11052463675984828872483963697595678720.0/4
 All: -143.947+/-0.000 χ^2/NDF : 22658859305

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



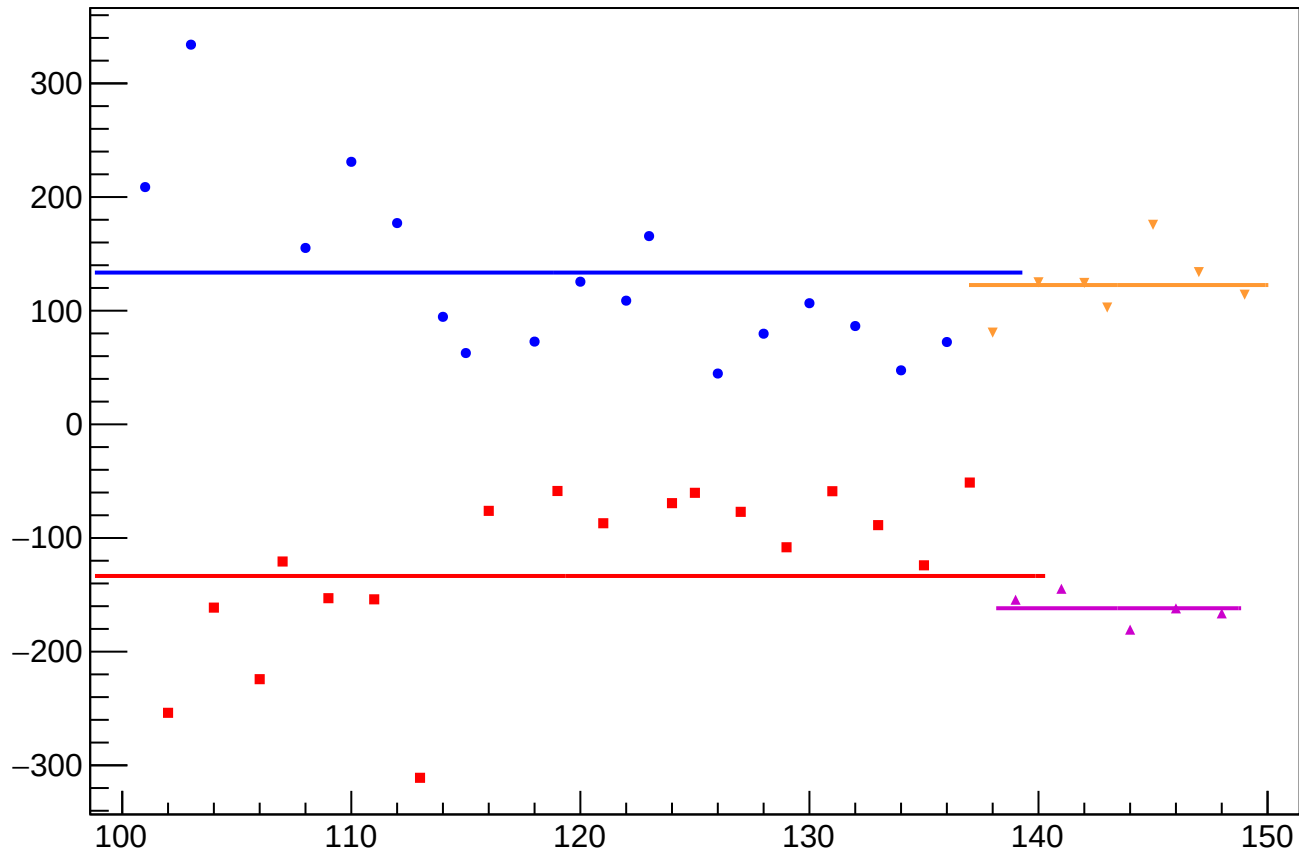
Right In: 1018.403 ± 0.000 $\chi^2/\text{NDF}: 32778661856751386998435413517146259456.0/16$
 Left Out: 1117.353 ± 0.000 $\chi^2/\text{NDF}: 18724803010640496662294029662142070784.0/6$
 Right Out: -1050.842 ± 0.000 $\chi^2/\text{NDF}: 26898078099677260392287731084448235520.0/17$
 Left In: -1153.050 ± 0.000 $\chi^2/\text{NDF}: 17834455132148863169068392477481762816.0/4$
 All: 17.933 ± 0.000 $\chi^2/\text{NDF}: 2806341339317$

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2874.142+/-0.000 χ^2/NDF : 1331222919424099285024540359740568371200.0/16
 Left Out: 5066.799+/-0.000 χ^2/NDF : 1874966161865187760277347869674400907264.0/6
 Right Out: -2802.151+/-0.000 χ^2/NDF : 1095477572477657195402092119674444578816.0/17
 Left In: -5876.898+/-0.000 χ^2/NDF : 600789852530806729992060598690831663104.0/4
 All: 47.071+/-0.000 χ^2/NDF : 4398937653657

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 133.542 +/- 0.000

χ^2/NDF : 4543635536863363524362136904007680000.0/16

Left Out: 122.574 +/- 0.000

χ^2/NDF : 398842338724999008837173388391743488.0/6

Right Out: -133.414 +/- 0.000

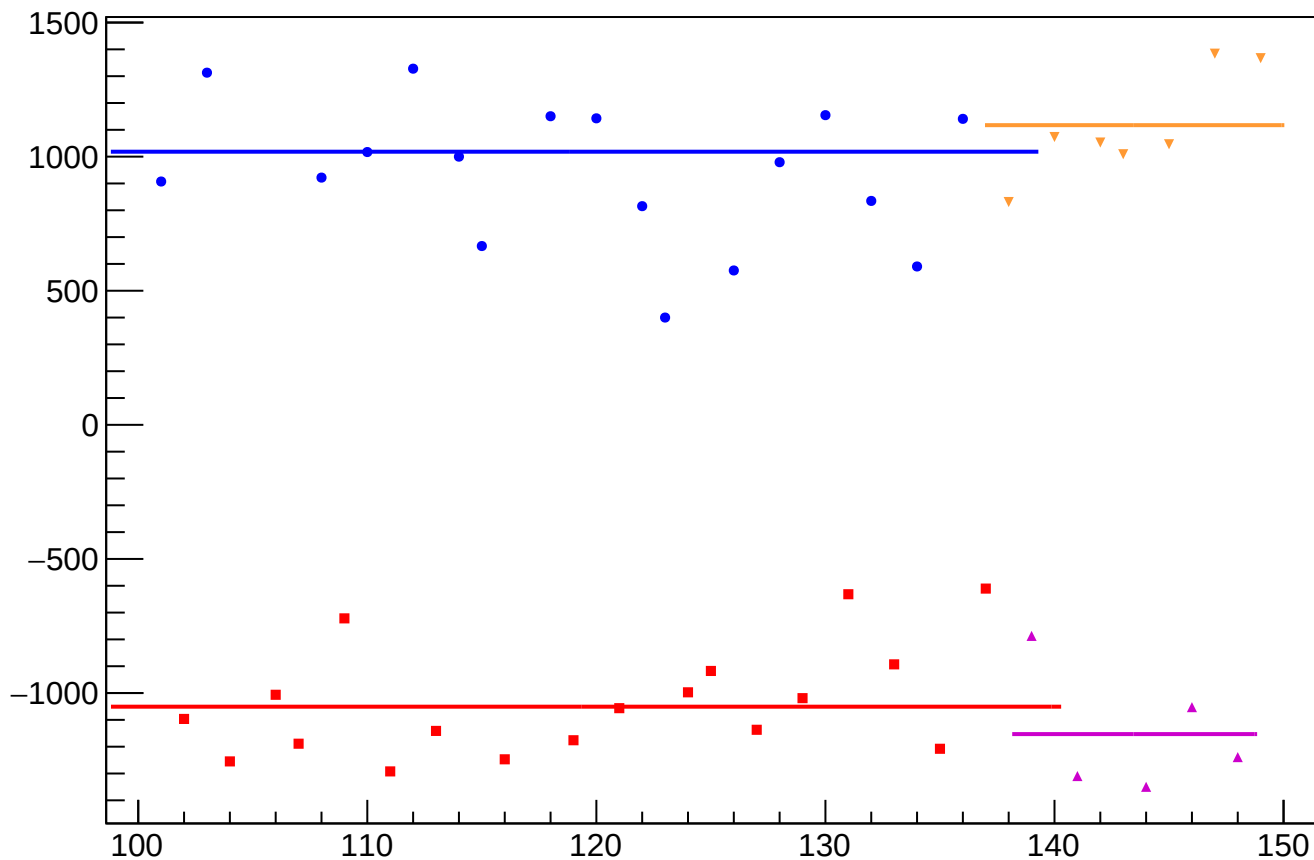
χ^2/NDF : 3923674220000100911612282920536899584.0/17

Left In: -161.802 +/- 0.000

χ^2/NDF : 62836196450607136403215827190415360.0/4

All: -3.461 +/- 0.000 χ^2/NDF : 5275926784104

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403 +/- 0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353 +/- 0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842 +/- 0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

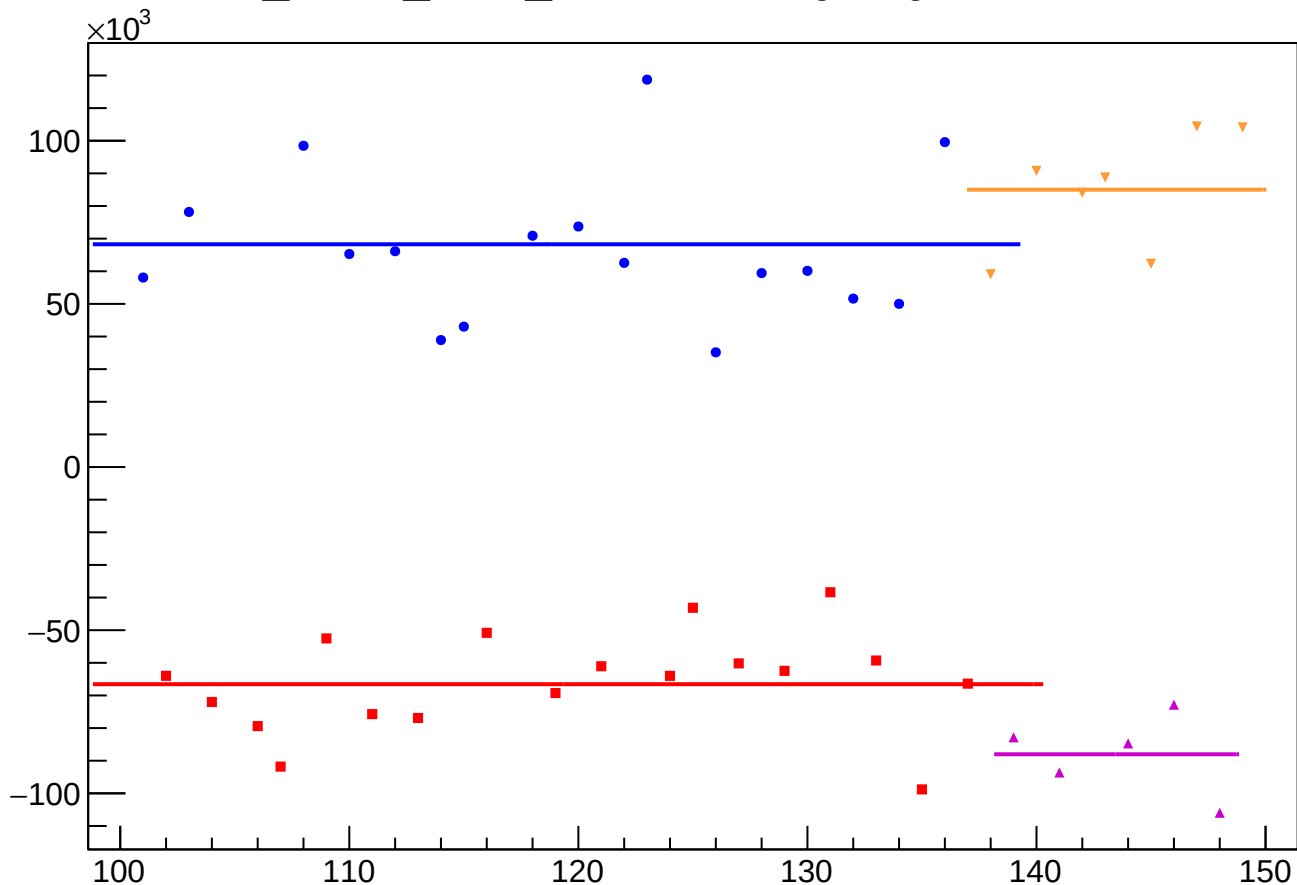
Left In: -1153.050 +/- 0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933 +/- 0.000

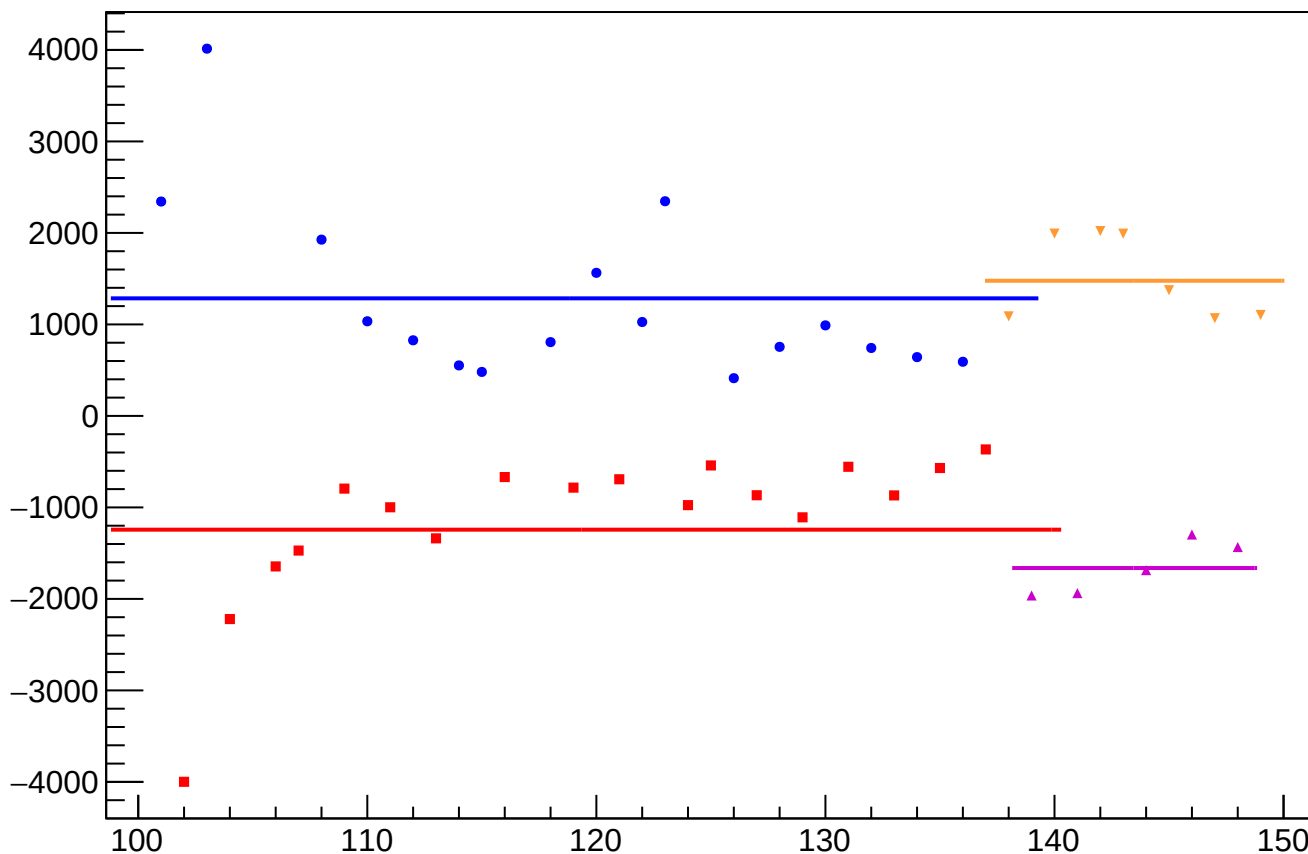
χ^2/NDF : 2806341339317

dit_sam2_coil1_mean vs Slug, Sign Corrected



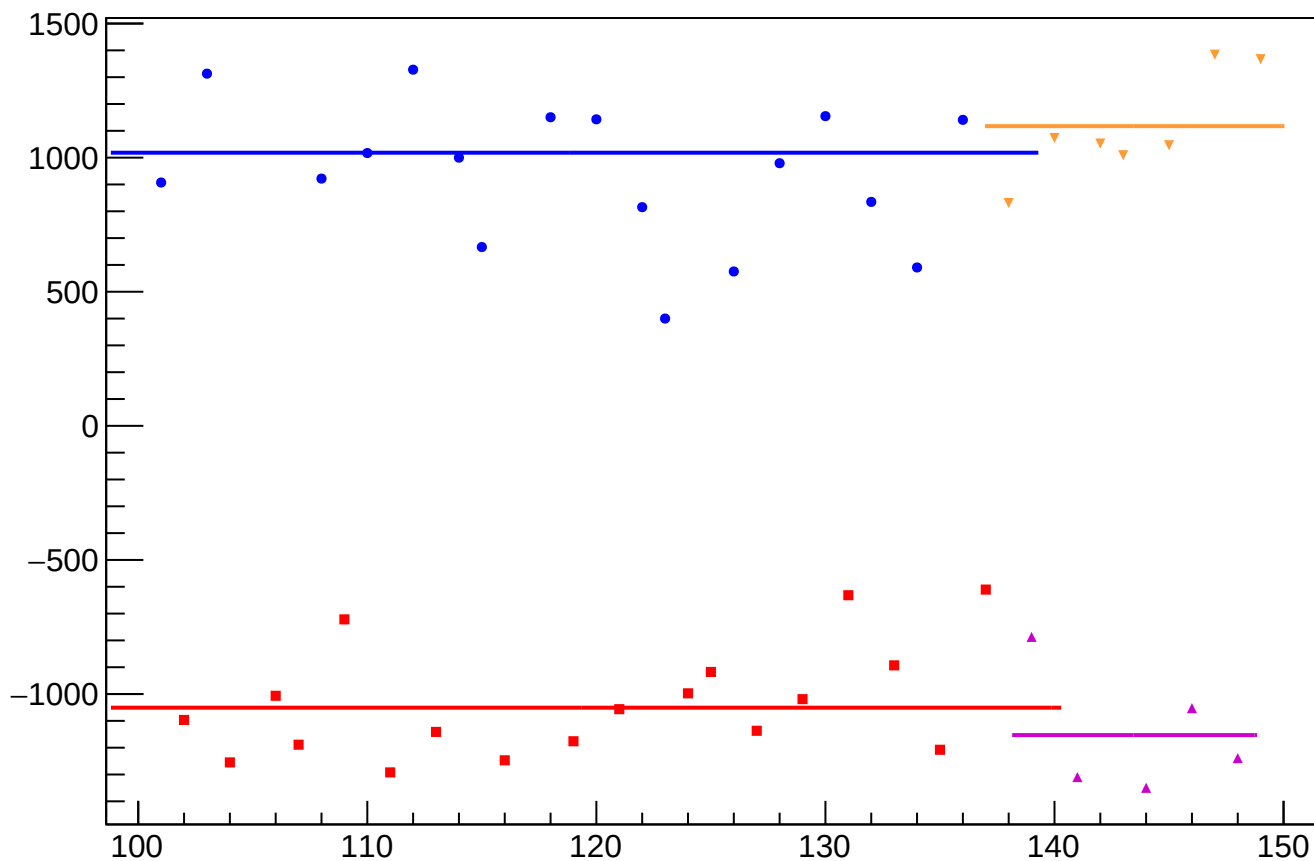
Right In: 68271.144 ± 0.000 χ^2/NDF : 235026660939690757848337831565145453625344.0/16
 Left Out: 85001.143 ± 0.000 χ^2/NDF : 156226441934294569834095596260314570555392.0/6
 Right Out: -66552.333 ± 0.000 χ^2/NDF : 160169834970936771160063883899631076114432.0/17
 Left In: -88029.624 ± 0.000 χ^2/NDF : 52010638002316763436181978199407890268160.0/4
 All: 2667.381 ± 0.000 χ^2/NDF : 13965035514

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1284.940+/-0.000 χ^2/NDF : 683539831030777721568567692799915327488.0/16
 Left Out: 1477.216+/-0.000 χ^2/NDF : 90545746544486404674106161871244492800.0/6
 Right Out: -1243.357+/-0.000 χ^2/NDF : 625737092307119238017872949095807582208.0/17
 Left In: -1662.539+/-0.000 χ^2/NDF : 29278051087293337222739266228927332352.0/4
 All: 25.157+/-0.000 χ^2/NDF : 5964680539336

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

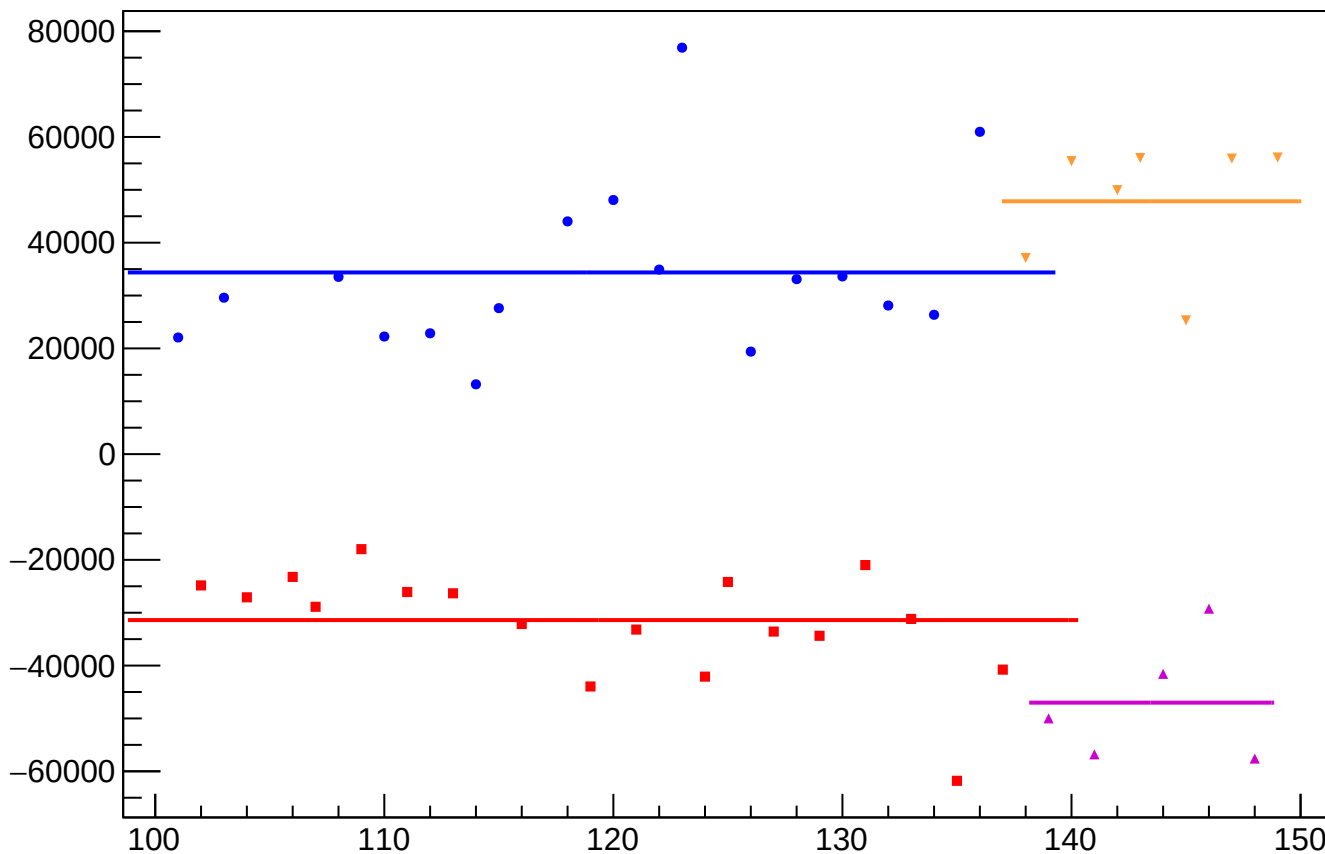
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

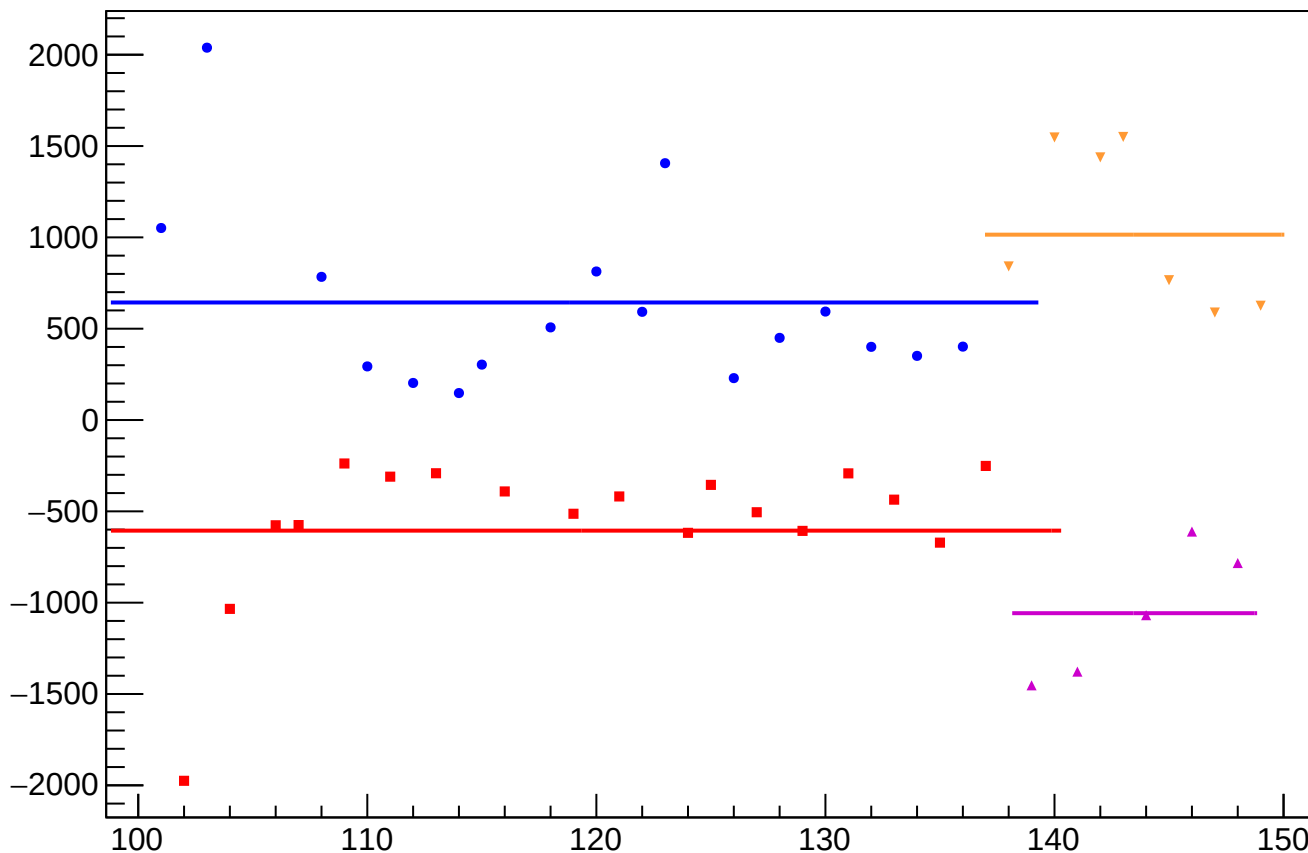
χ^2/NDF : 2806341339317

dit_sam3_coil1_mean vs Slug, Sign Corrected



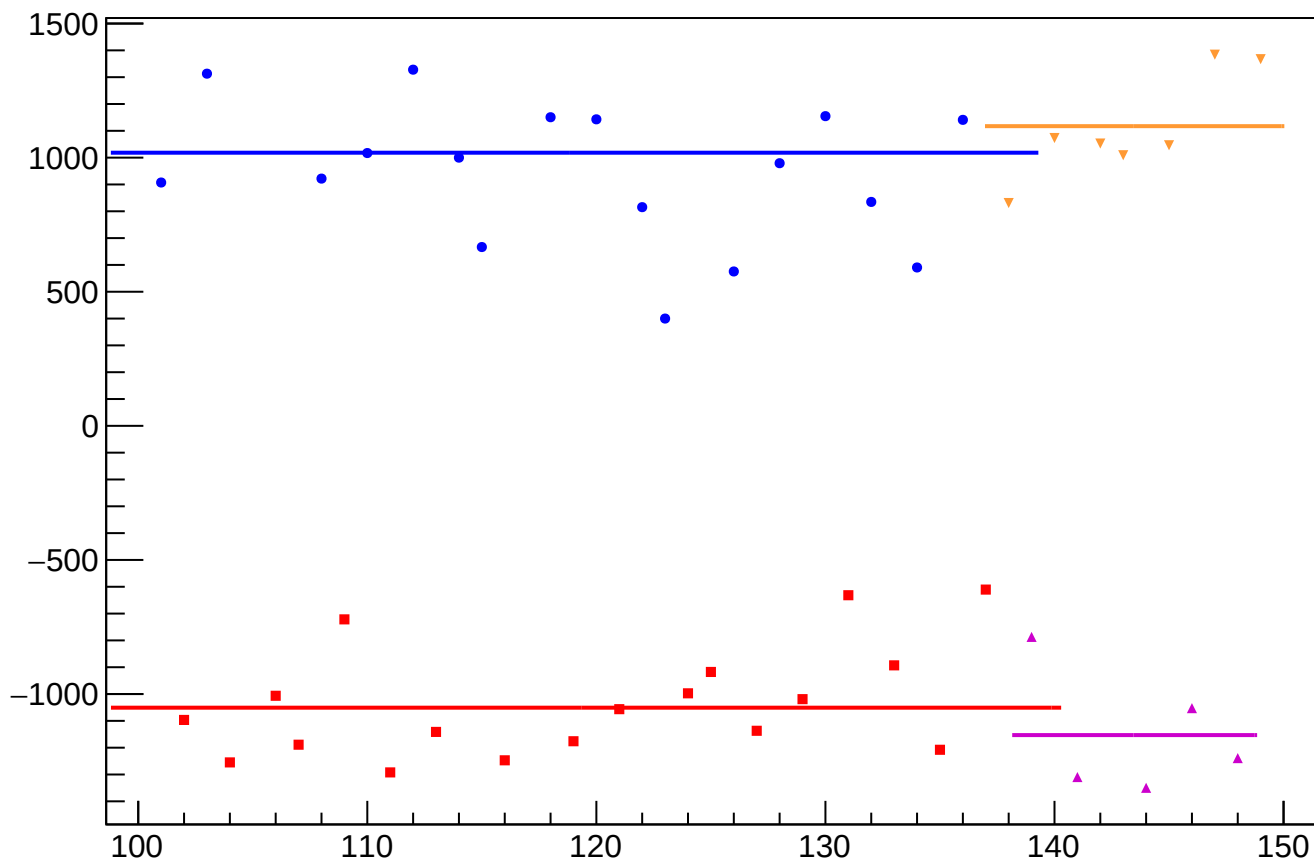
Right In: 34369.403+/-0.000 χ^2/NDF : 121175034584498762854553117020903178240000.0/16
 Left Out: 47831.873+/-0.000 χ^2/NDF : 68845813445513493086558110641111244472320.0/6
 Right Out: -31397.869+/-0.000 χ^2/NDF : 79791187049723357576303825736183029170176.0/17
 Left In: -47011.559+/-0.000 χ^2/NDF : 47125960059862331350207544413373532733440.0/4
 All: 2603.141+/-0.000 χ^2/NDF : 39320546809

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



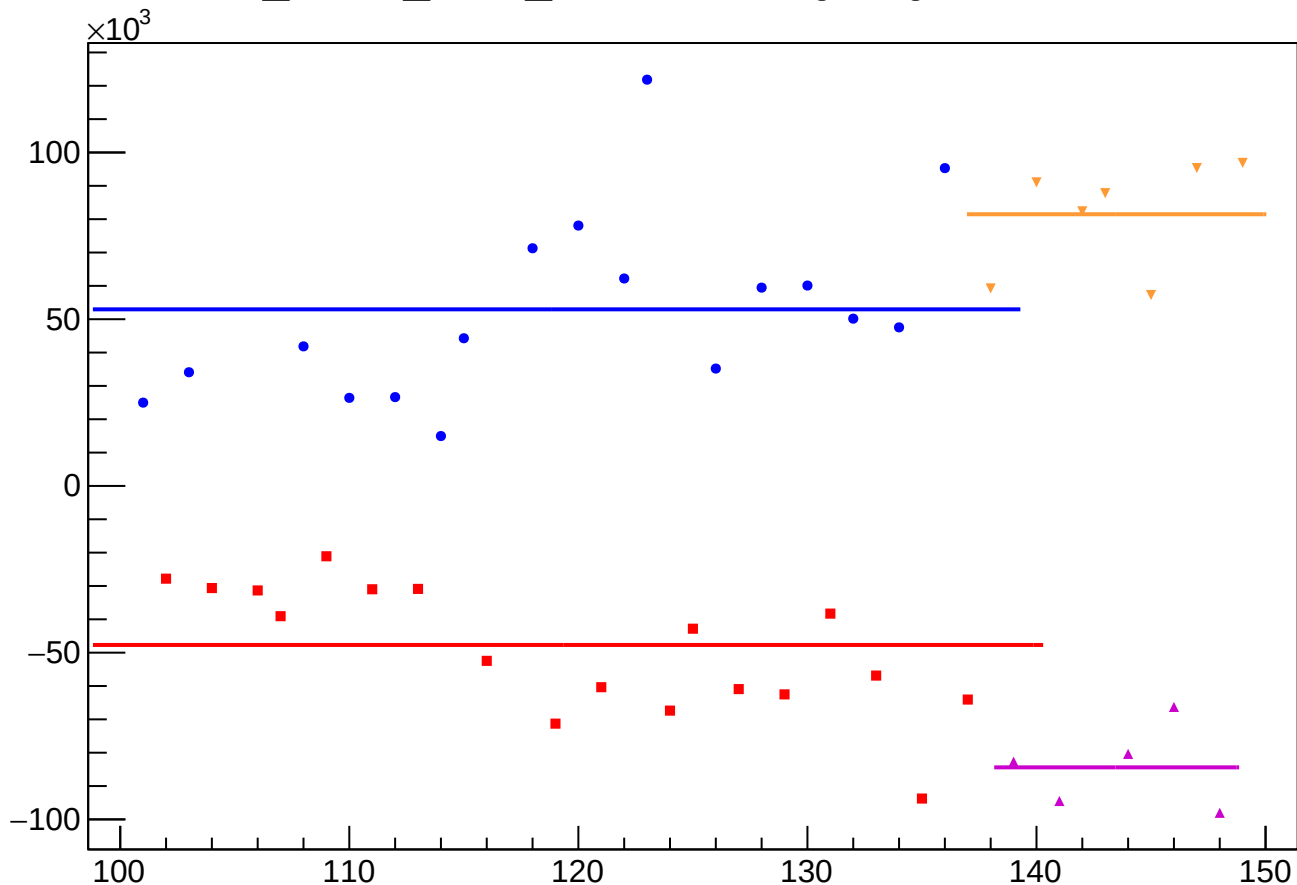
Right In: 643.513+/-0.000 χ^2/NDF : 166606755510131009794947888972916850688.0/16
 Left Out: 1014.834+/-0.000 χ^2/NDF : 84736028297761710646393813404330491904.0/6
 Right Out: -605.599+/-0.000 χ^2/NDF : 146641318103644748879900892058773094400.0/17
 Left In: -1057.555+/-0.000 χ^2/NDF : 44251200620130041621770076798507286528.0/4
 All: 37.507+/-0.000 χ^2/NDF : 1988862822104

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000 χ^2/NDF : 32778661856751386998435413517146259456.0/16
 Left Out: 1117.353+/-0.000 χ^2/NDF : 18724803010640496662294029662142070784.0/6
 Right Out: -1050.842+/-0.000 χ^2/NDF : 26898078099677260392287731084448235520.0/17
 Left In: -1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4
 All: 17.933+/-0.000 χ^2/NDF : 2806341339317

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 52960.923+/-0.000

χ^2/NDF : 388091282862865702902242590456549457526784.0/16

Left Out: 81475.934+/-0.000

χ^2/NDF : 129481356687878707645177392815914799333376.0/6

Right Out: -47689.948+/-0.000

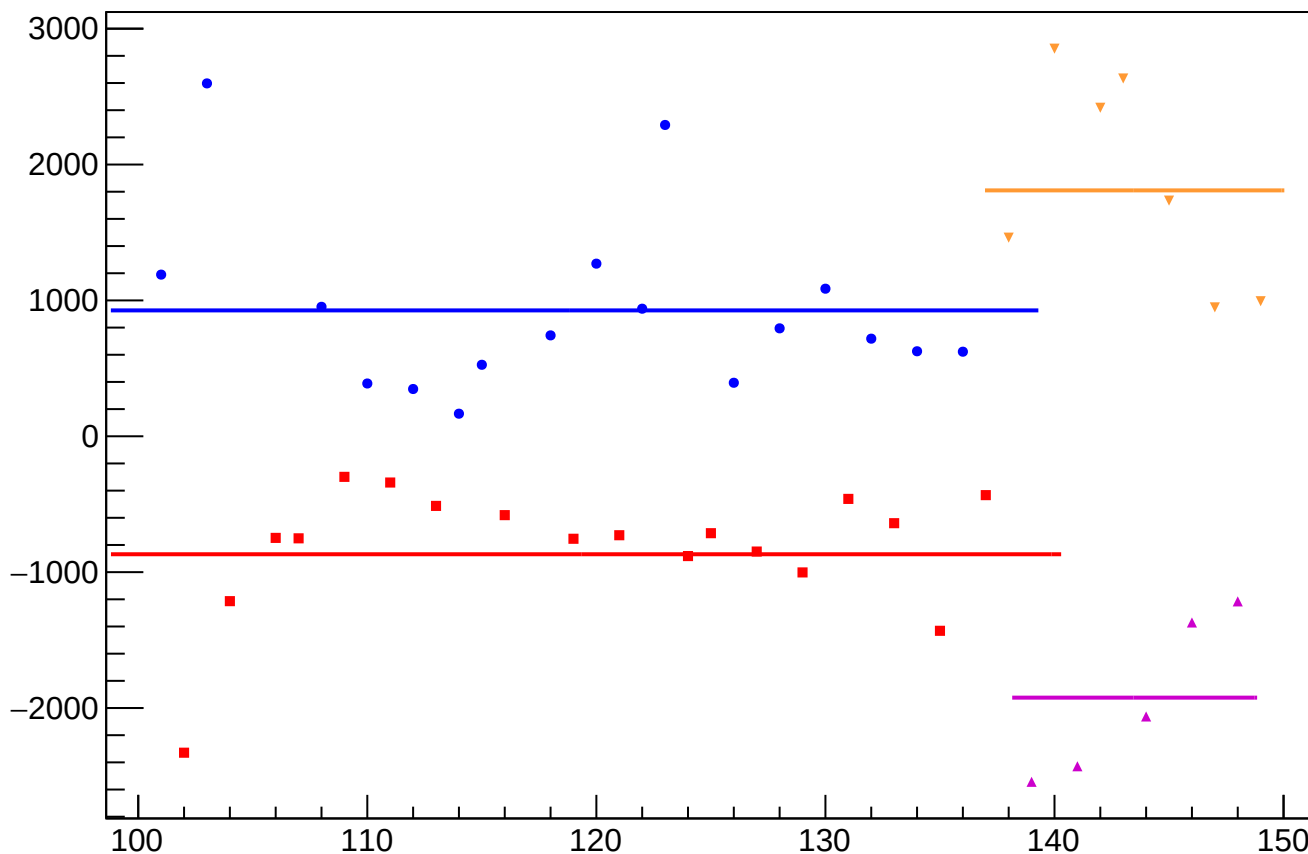
χ^2/NDF : 282811495062805394257124892434373518819328.0/17

Left In: -84395.673+/-0.000

χ^2/NDF : 53203910901603052635403004970298737950720.0/4

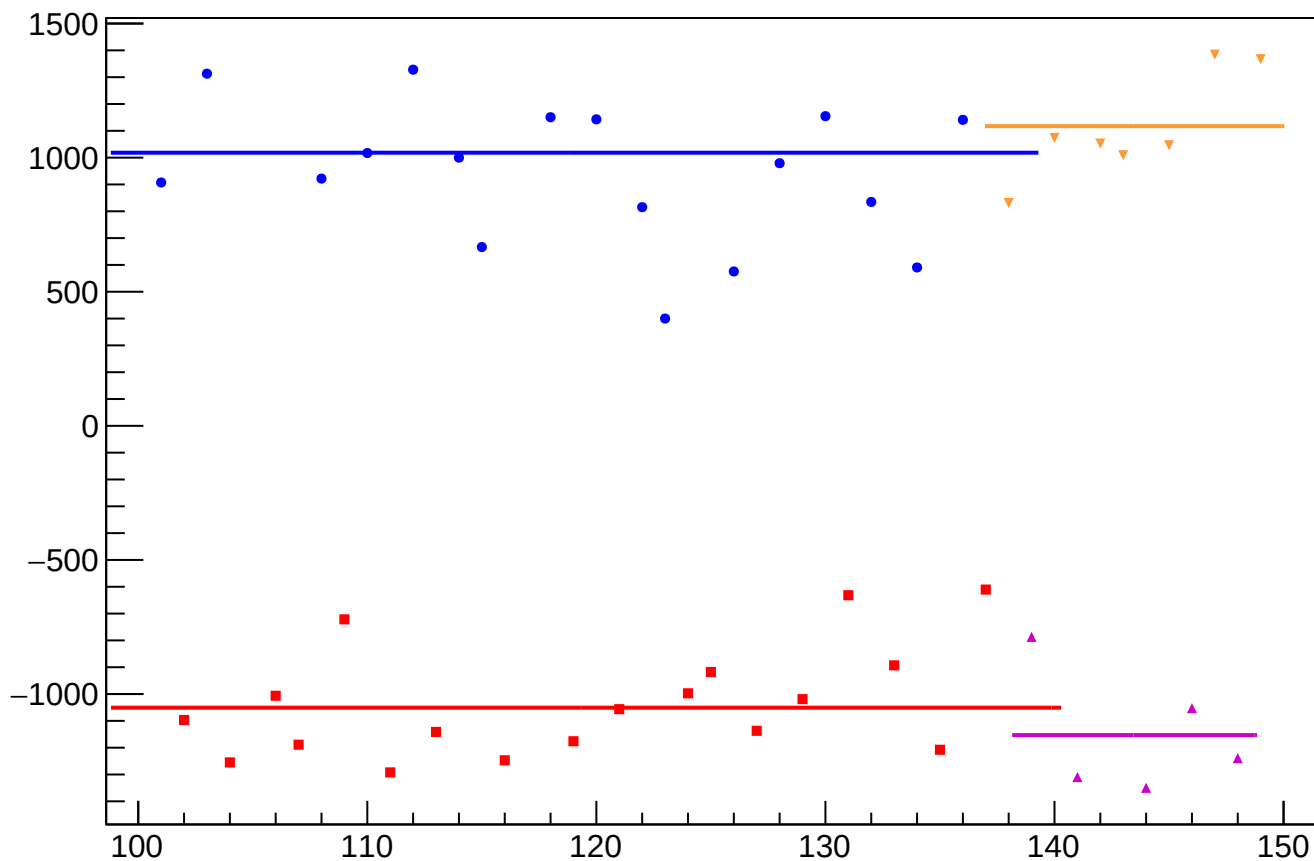
All: 3770.797+/-0.000 χ^2/NDF : 10804189911

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 926.486+/-0.000 χ^2/NDF : 243573676873909042150690872266806263808.0/16
 Left Out: 1809.759+/-0.000 χ^2/NDF : 275292682776885297977446823982981447680.0/6
 Right Out: -868.248+/-0.000 χ^2/NDF : 197961184826469333991871261895452262400.0/17
 Left In: -1923.625+/-0.000 χ^2/NDF : 122035387925838336335841539982146666496.0/4
 All: 59.224+/-0.000 χ^2/NDF : 5207093384495

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

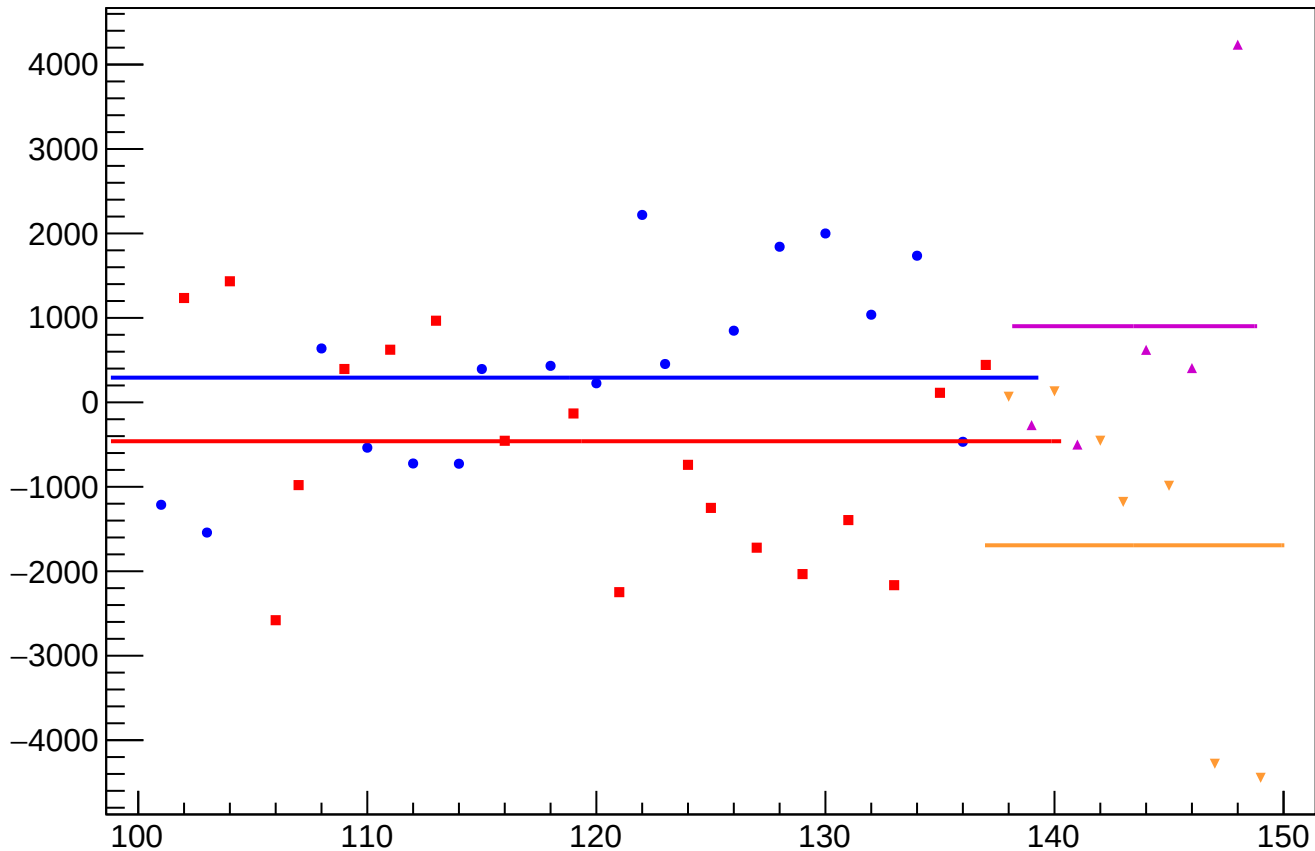
χ^2/NDF : 26898078099677260392287731084448235520.0/17

Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

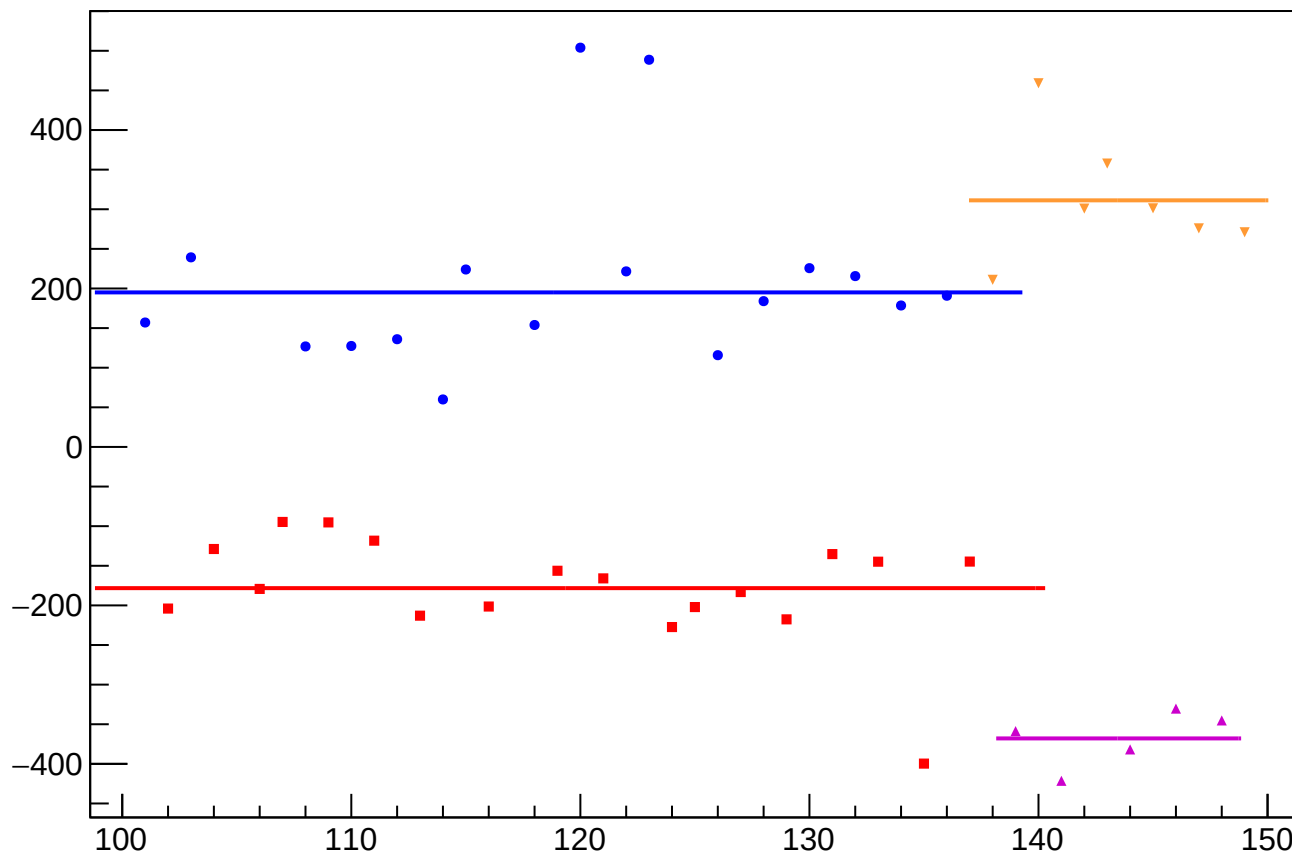
All: 17.933+/-0.000 χ^2/NDF : 2806341339317

dit_sam5_coil1_mean vs Slug, Sign Corrected



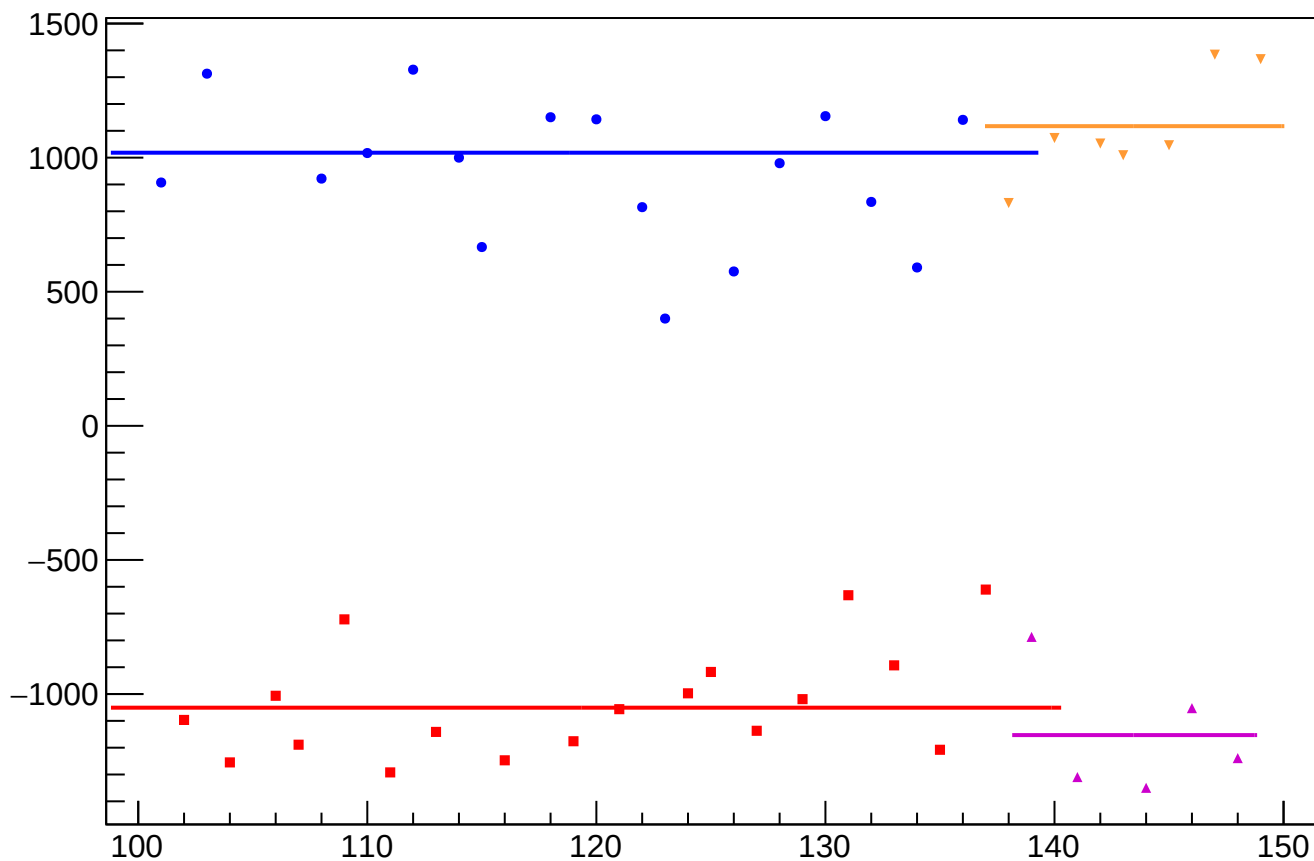
Left: -521.656 ± 0.000 $\chi^2/\text{NDF}: 459657840448241$
 Right In: 292.624 ± 0.000 $\chi^2/\text{NDF}: 992224758361668568621384832231814463488.0/16$
 Right: -89.522 ± 0.000 $\chi^2/\text{NDF}: 238733593476526$
 Left Out: -1692.577 ± 0.000 $\chi^2/\text{NDF}: 1799380341236447371758134916585701244928.0/6$
 In: 522.961 ± 0.000 $\chi^2/\text{NDF}: 23284231682098743$
 Right Out: -460.444 ± 0.000 $\chi^2/\text{NDF}: 1195390620297922800798852366593102446592.0/17$
 Out: -975.171 ± 0.000 $\chi^2/\text{NDF}: 344823197228947$
 Left In: 901.761 ± 0.000 $\chi^2/\text{NDF}: 1238825456570163618851225112194123300864.0/4$
 All: -261.896 ± 0.000 $\chi^2/\text{NDF}: 70888691219$

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 195.049 $\pm$ 0.000 χ^2 /NDF: 5080024494184824251769530857650388992.0/16
 Left Out: 311.240 $\pm$ 0.000 χ^2 /NDF: 2966810316827872021935971801443074048.0/6
 Right Out: -178.222 $\pm$ 0.000 χ^2 /NDF: 3636798558444840391154572885518974976.0/17
 Left In: -367.897 $\pm$ 0.000 χ^2 /NDF: 428128942118338036565588775433928704.0/4
 All: 5.268 $\pm$ 0.000 χ^2 /NDF: 16797127291358

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

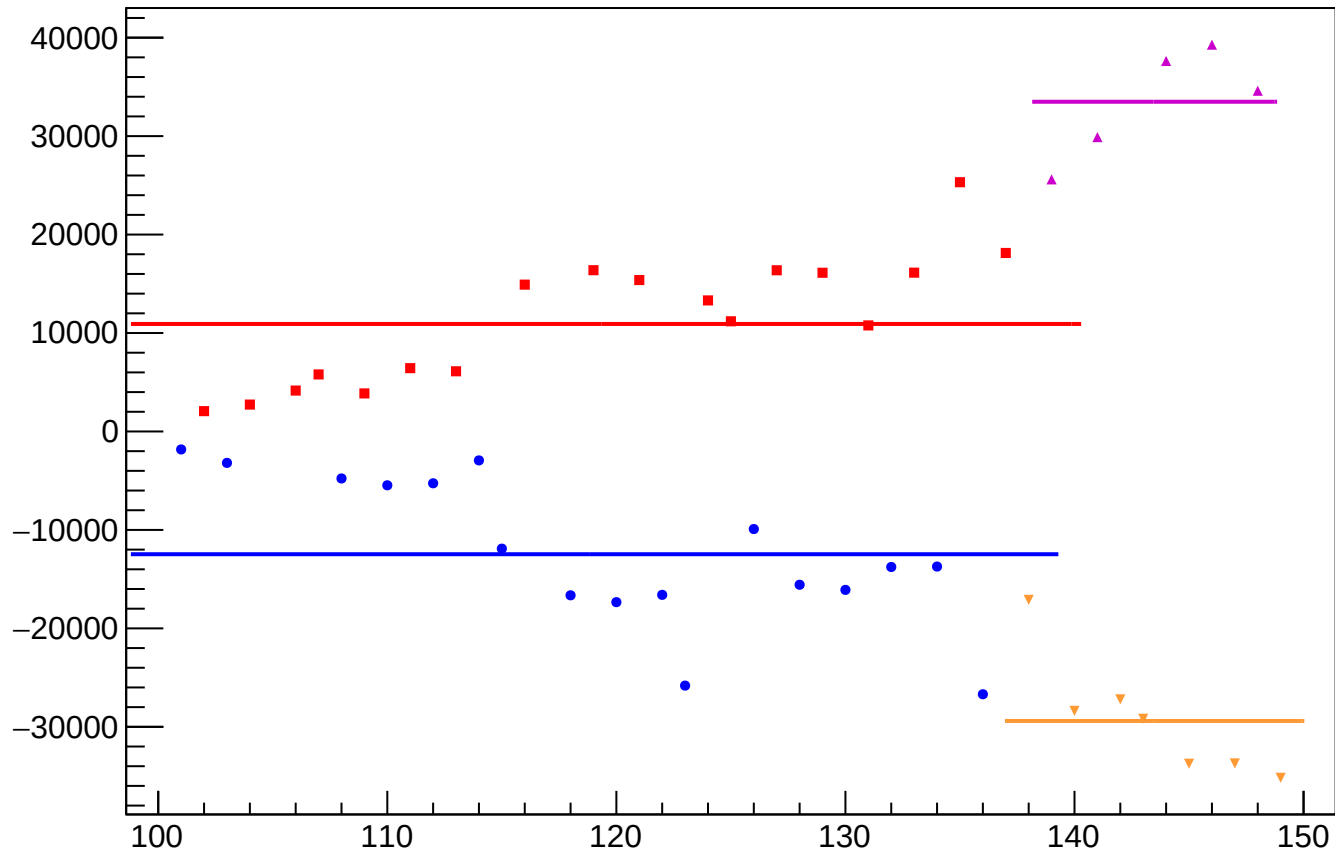
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

χ^2/NDF : 2806341339317

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12468.200+/-0.000

Left Out: -29404.336+/-0.000

Right Out: 10920.089+/-0.000

Left In: 33490.371+/-0.000

χ^2/NDF : 41947810781860597740124287766684235726848.0/16

χ^2/NDF : 17836183912749437945184036413850609778688.0/6

χ^2/NDF : 32165705228240657588124121675327793528832.0/17

χ^2/NDF : 10552355432717048995132652659654480887808.0/4

Left: -1017.634+/-0.000 χ^2/NDF : 94428503727517

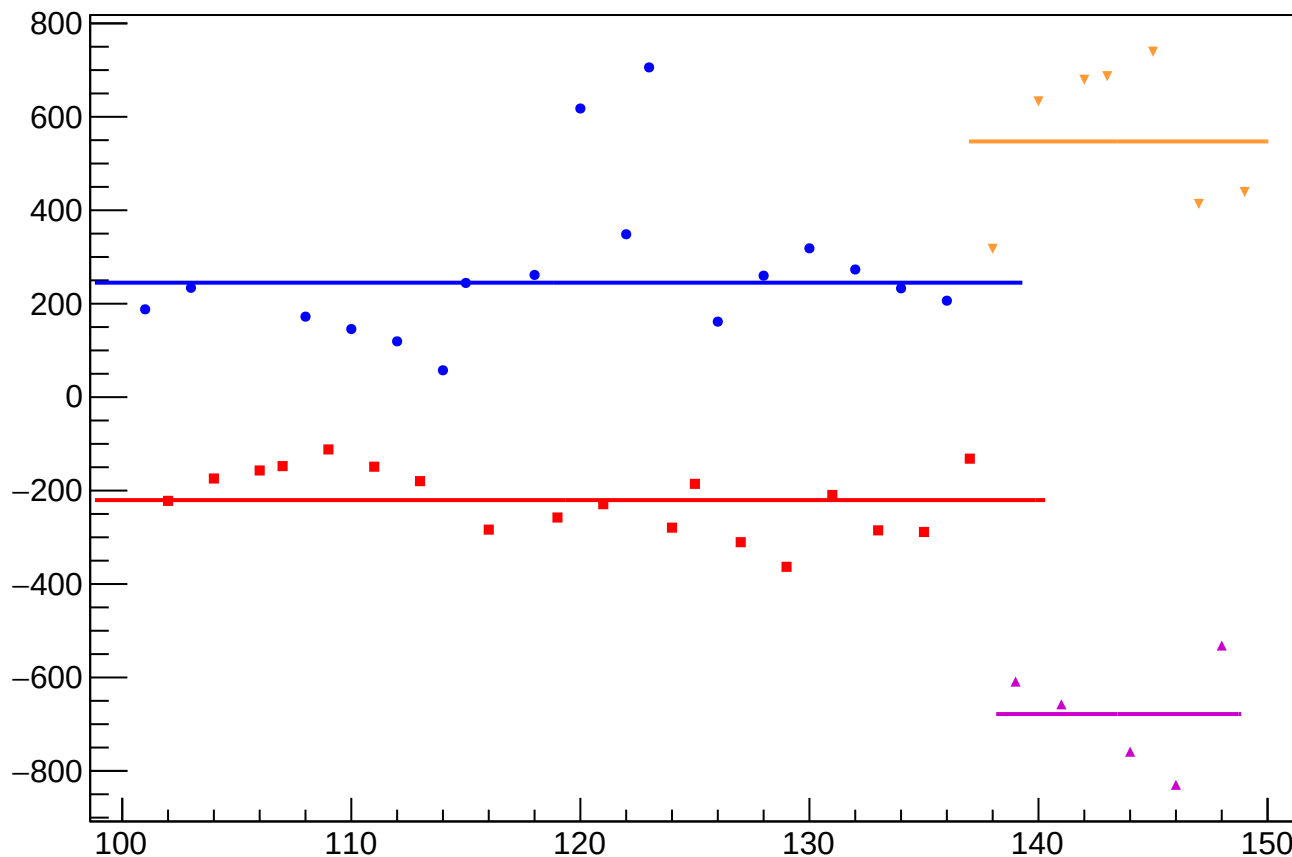
Right: -599.764+/-0.000 χ^2/NDF : 26675570352748

In: 4910.400+/-0.000 χ^2/NDF : 6067949132351579

Out: -5925.538+/-0.000 χ^2/NDF : 53569437676485

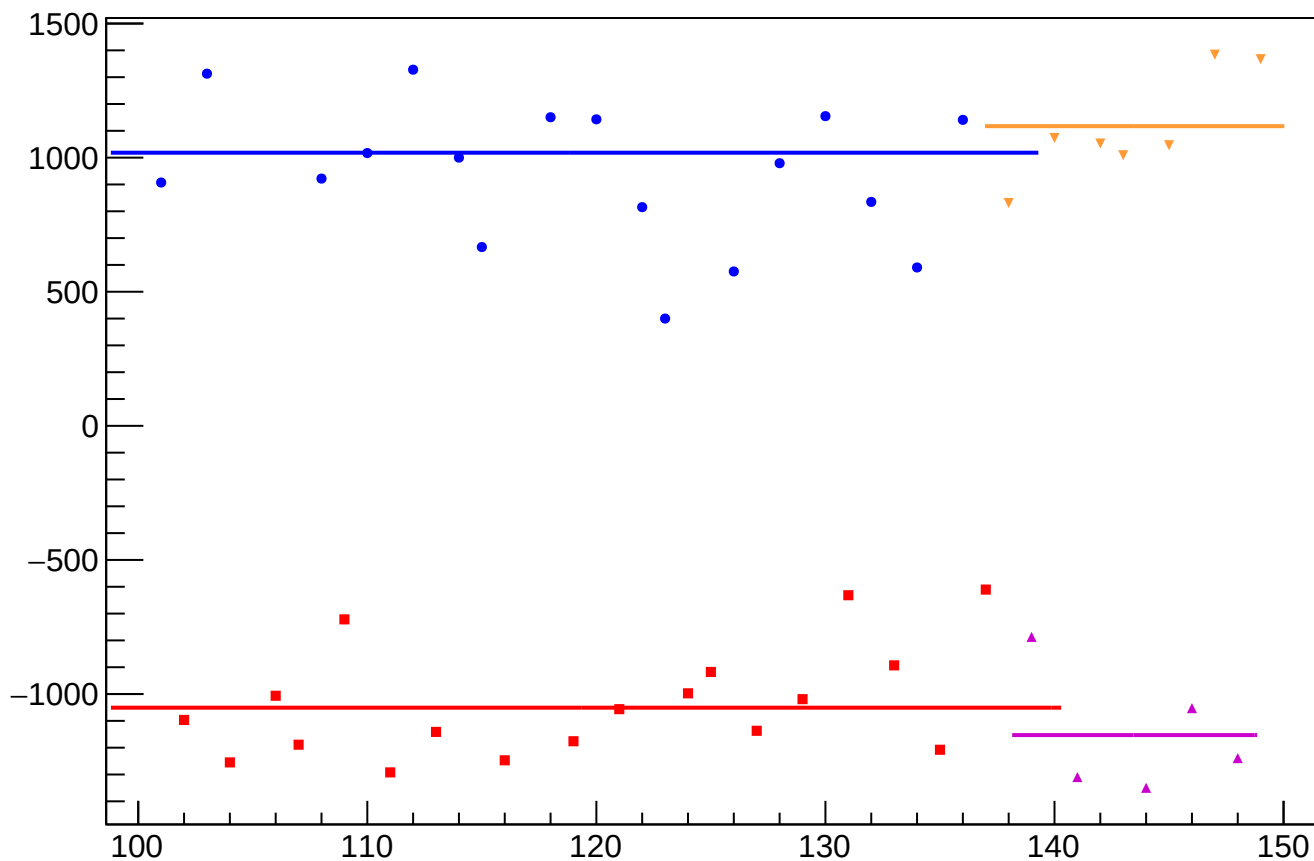
All: -766.448+/-0.000 χ^2/NDF : 12111388809

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 244.994 $\pm$ 0.000 χ^2 /NDF: 8873183370170999334634045001787506688.0/16
 Left Out: 547.308 $\pm$ 0.000 χ^2 /NDF: 12091785485599021039108114302936023040.0/6
 Right Out: -220.353 $\pm$ 0.000 χ^2 /NDF: 3356691284213126680510243475038404608.0/17
 Left In: -678.307 $\pm$ 0.000 χ^2 /NDF: 4715808362853795620237011803344732160.0/4
 All: 2.985 $\pm$ 0.000 χ^2 /NDF: 45321880962367

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

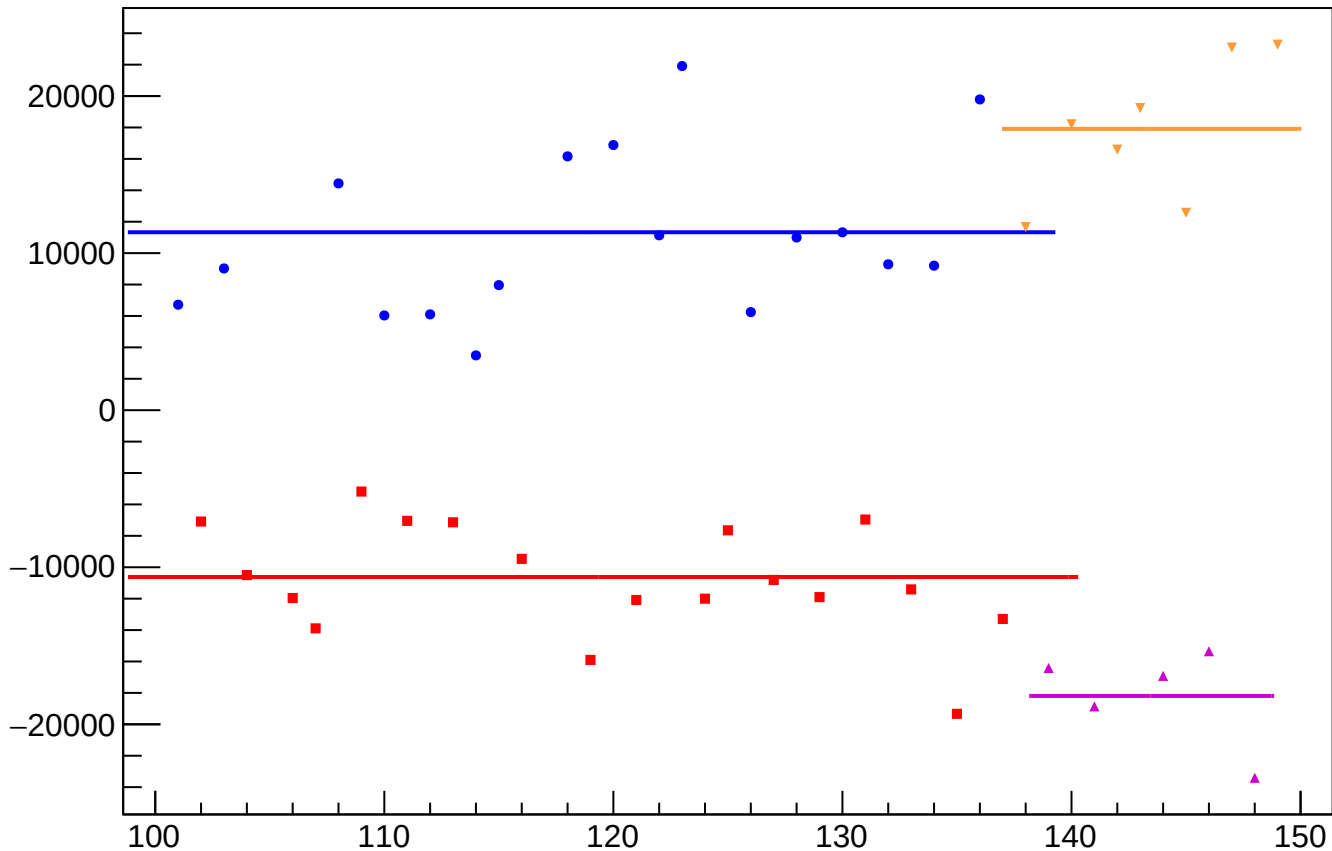
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

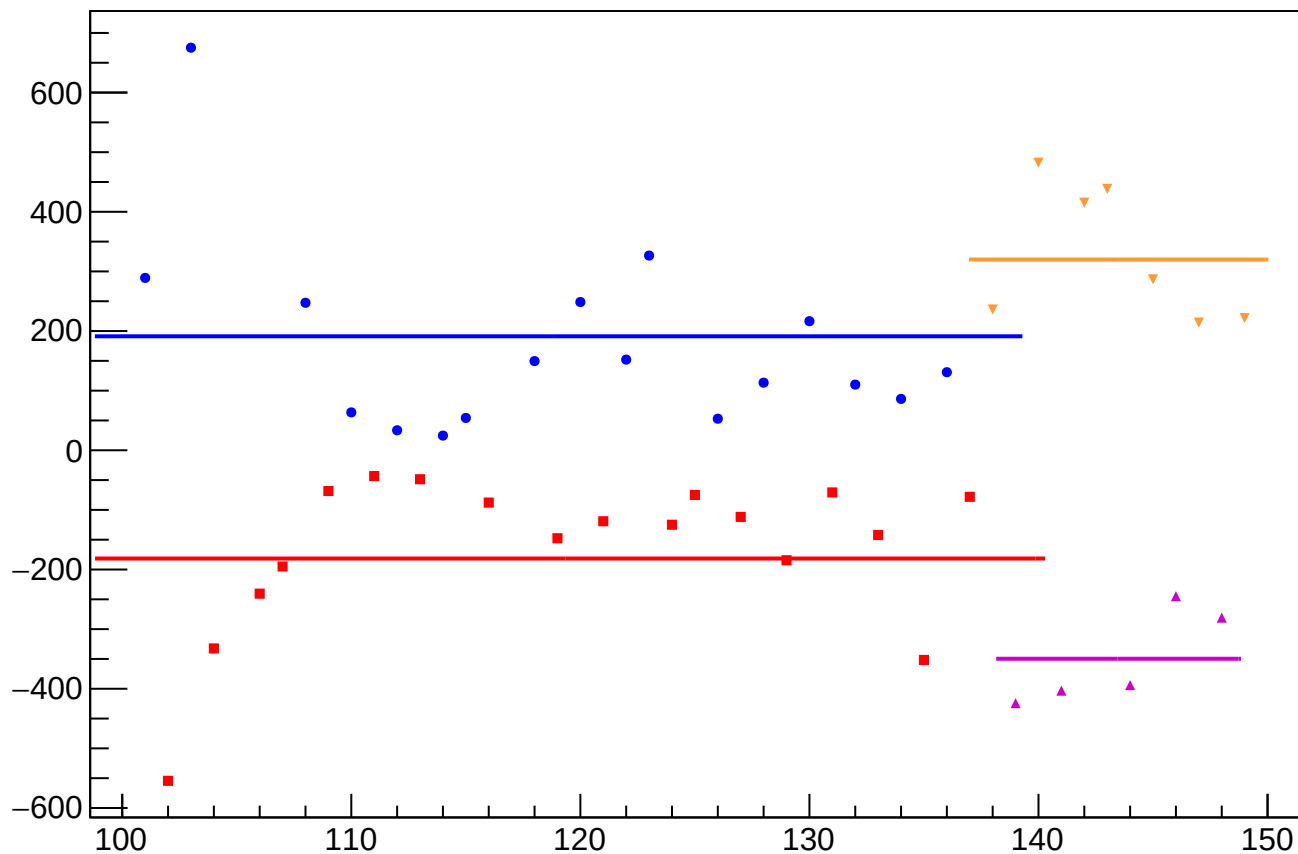
χ^2/NDF : 2806341339317

dit_sam7_coil1_mean vs Slug, Sign Corrected



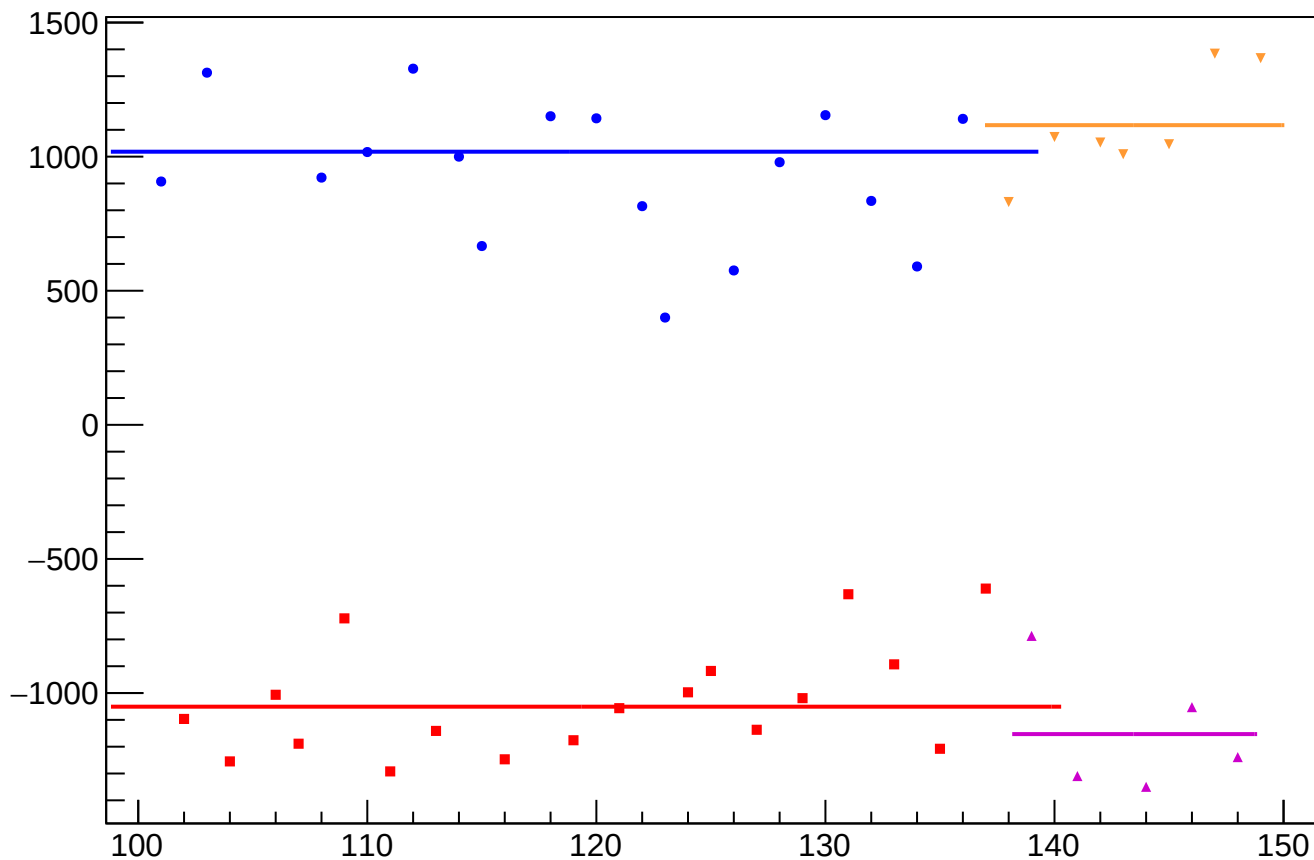
Right In: 11329.210+/-0.000 χ^2/NDF : 15521857033868622025770129635391850938368.0/16
 Left Out: 17913.042+/-0.000 χ^2/NDF : 9987168321822056347270092268036331405312.0/6
 Right Out: -10619.182+/-0.000 χ^2/NDF : 10071633014201515414626302207213810221056.0/17
 Left In: -18193.183+/-0.000 χ^2/NDF : 3394862401805451334032434071248595582976.0/4
 All: 760.079+/-0.000 χ^2/NDF : 511613882247

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 191.191 $\pm$ 0.000 χ^2 /NDF: 19183697593820495387775377202474909696.0/16
 Left Out: 319.964 $\pm$ 0.000 χ^2 /NDF: 5843068403022632039261092641780006912.0/6
 Right Out: -181.551 $\pm$ 0.000 χ^2 /NDF: 14852803264995019247576775913608577024.0/17
 Left In: -349.696 $\pm$ 0.000 χ^2 /NDF: 2179556891735439711783700670810423296.0/4
 All: 8.297 $\pm$ 0.000 χ^2 /NDF: 19495784312883

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

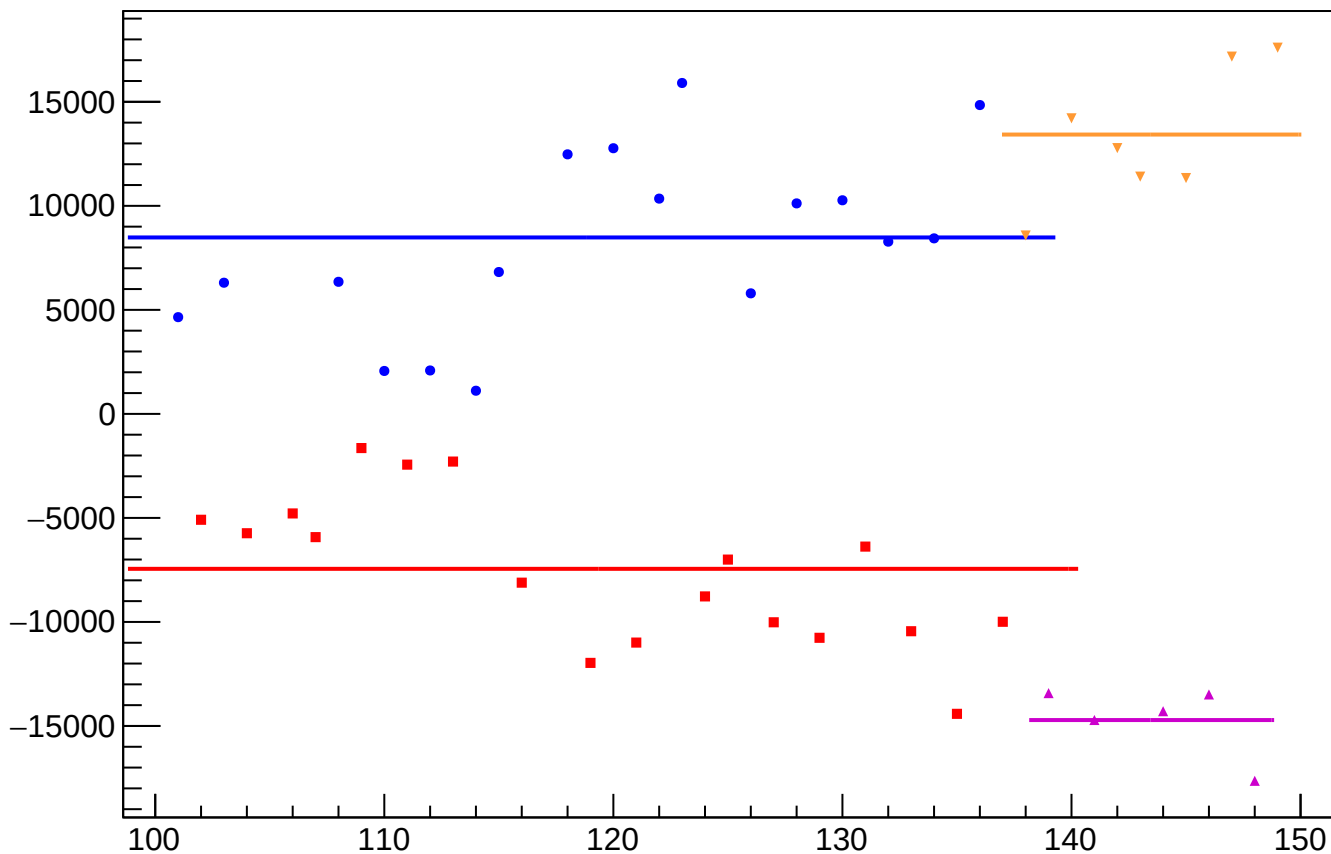
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

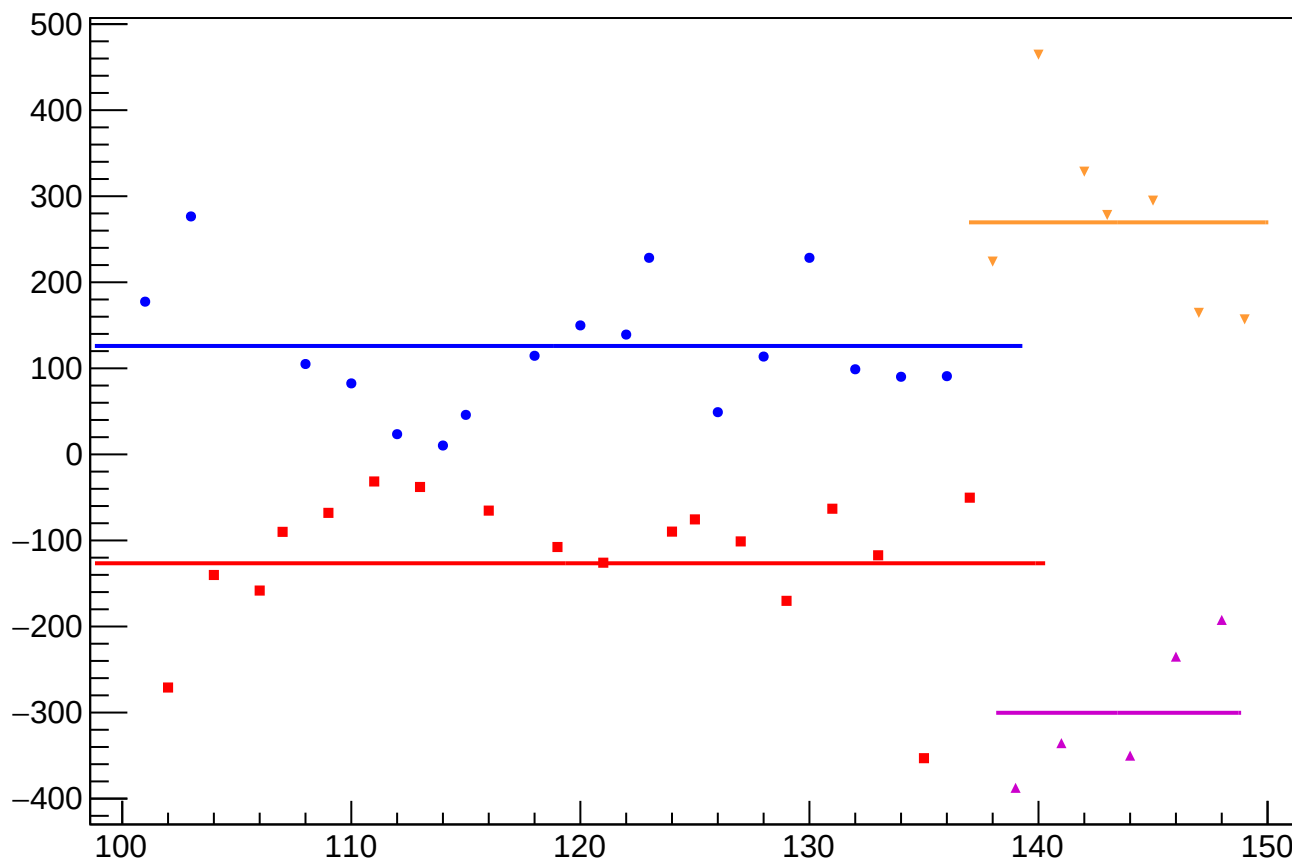
χ^2/NDF : 2806341339317

dit_sam8_coil1_mean vs Slug, Sign Corrected



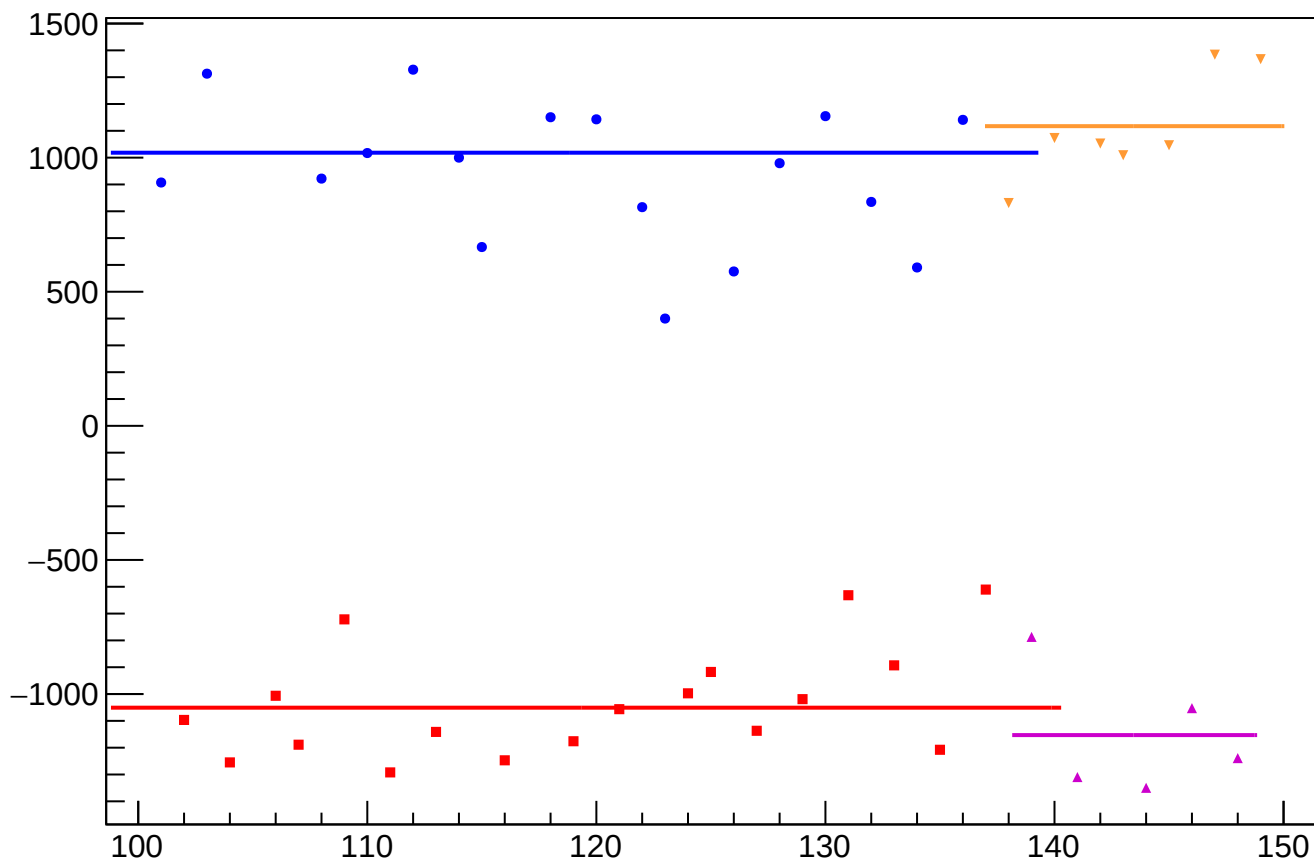
Right In: 8480.889+/-0.000 χ^2/NDF : 11499484754166446401410720405854359650304.0/16
 Left Out: 13426.768+/-0.000 χ^2/NDF : 5079334933867237705071212544150936223744.0/6
 Right Out: -7447.217+/-0.000 χ^2/NDF : 10045808642952263494281474112188504342528.0/17
 Left In: -14715.939+/-0.000 χ^2/NDF : 993758330859023314367699743929647759360.0/4
 All: 528.491+/-0.000 χ^2/NDF : 300405115411

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 126.005 $\pm$ 0.000 χ^2 /NDF: 3386025781144831306970150054630785024.0/16
 Left Out: 269.634 $\pm$ 0.000 χ^2 /NDF: 5419931376788169508069594012774825984.0/6
 Right Out: -126.521 $\pm$ 0.000 χ^2 /NDF: 5291778643595712336156745298356469760.0/17
 Left In: -300.272 $\pm$ 0.000 χ^2 /NDF: 2273730293400486658328698801495212032.0/4
 All: 3.666 $\pm$ 0.000 χ^2 /NDF: 11414949811836

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1018.403+/-0.000

χ^2/NDF : 32778661856751386998435413517146259456.0/16

Left Out: 1117.353+/-0.000

χ^2/NDF : 18724803010640496662294029662142070784.0/6

Right Out: -1050.842+/-0.000

χ^2/NDF : 26898078099677260392287731084448235520.0/17

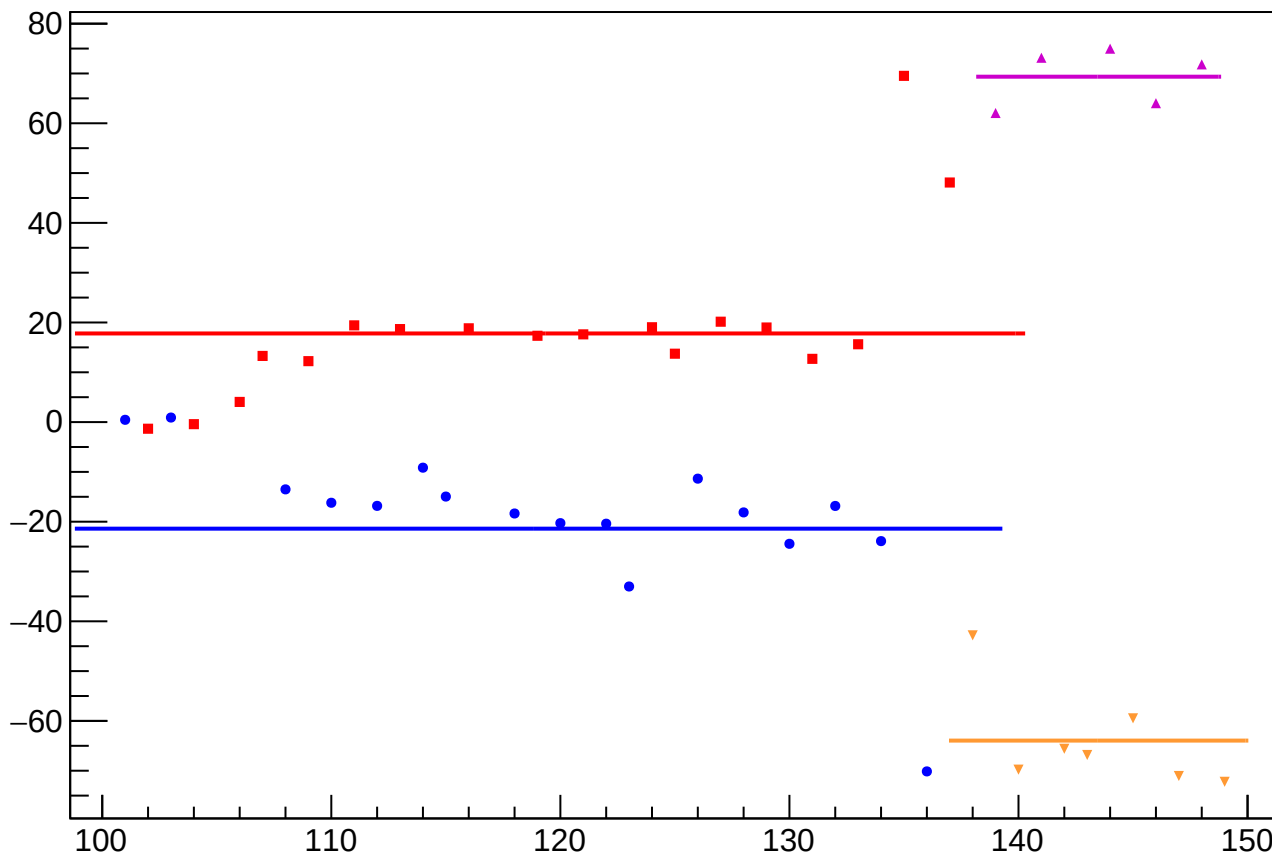
Left In: -1153.050+/-0.000

χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 17.933+/-0.000

χ^2/NDF : 2806341339317

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -21.398 $\pm$ 0.000

χ^2/NDF : 280536163120367747156314867523125248.0/16

Left Out: -63.952 $\pm$ 0.000

χ^2/NDF : 49560602396110019769088043986714624.0/6

Right Out: 17.797 $\pm$ 0.000

χ^2/NDF : 194445073804421906744756784211165184.0/17

Left In: 69.354 $\pm$ 0.000

χ^2/NDF : 1121113156908313075485077369205552.0/4

Left: -3.786 $\pm$ 0.000 χ^2/NDF : 41752386623051226

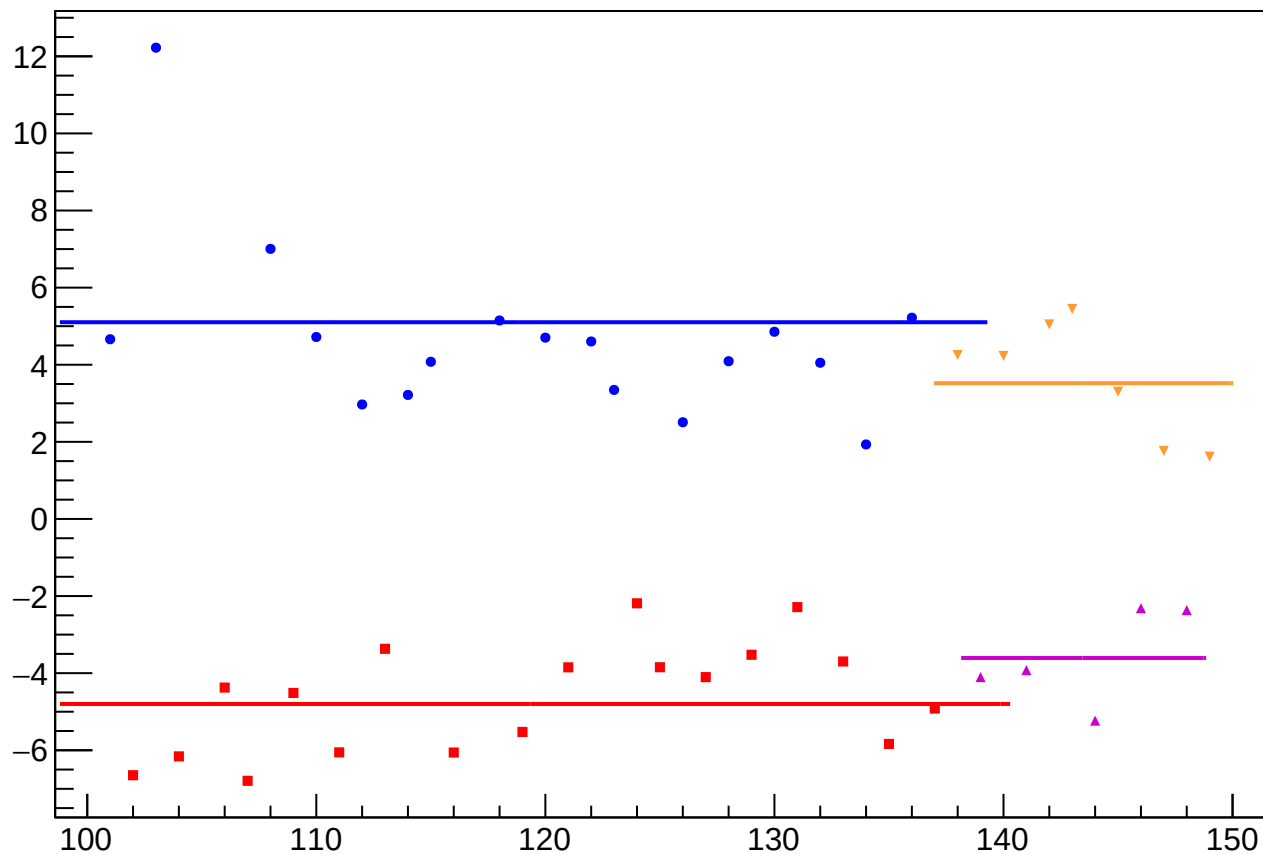
Right: -1.508 $\pm$ 0.000 χ^2/NDF : 1016004524366776

In: 12.919 $\pm$ 0.000 χ^2/NDF : 245305613104992006

Out: -16.354 $\pm$ 0.000 χ^2/NDF : 2240127750468225

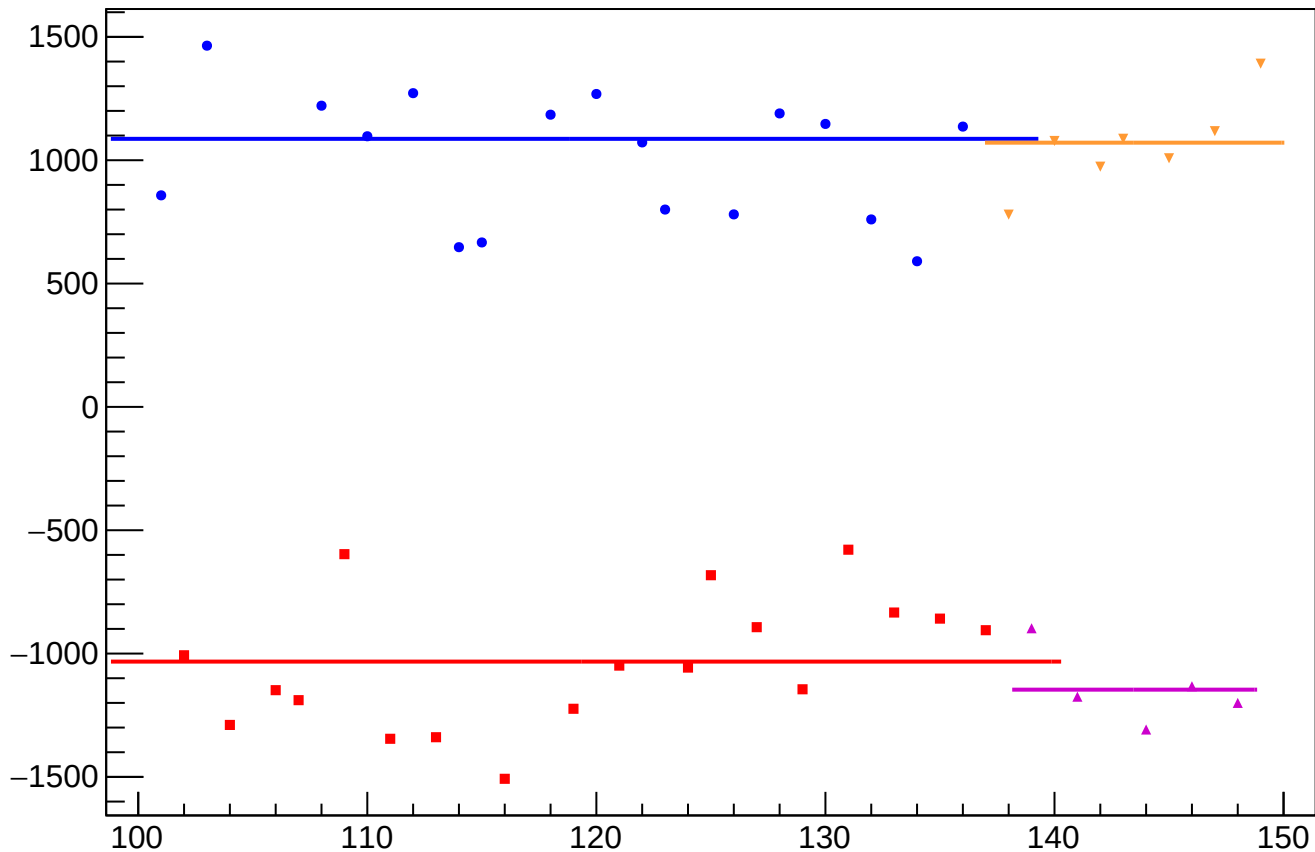
All: -2.417 $\pm$ 0.000 χ^2/NDF : 5194158930718

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



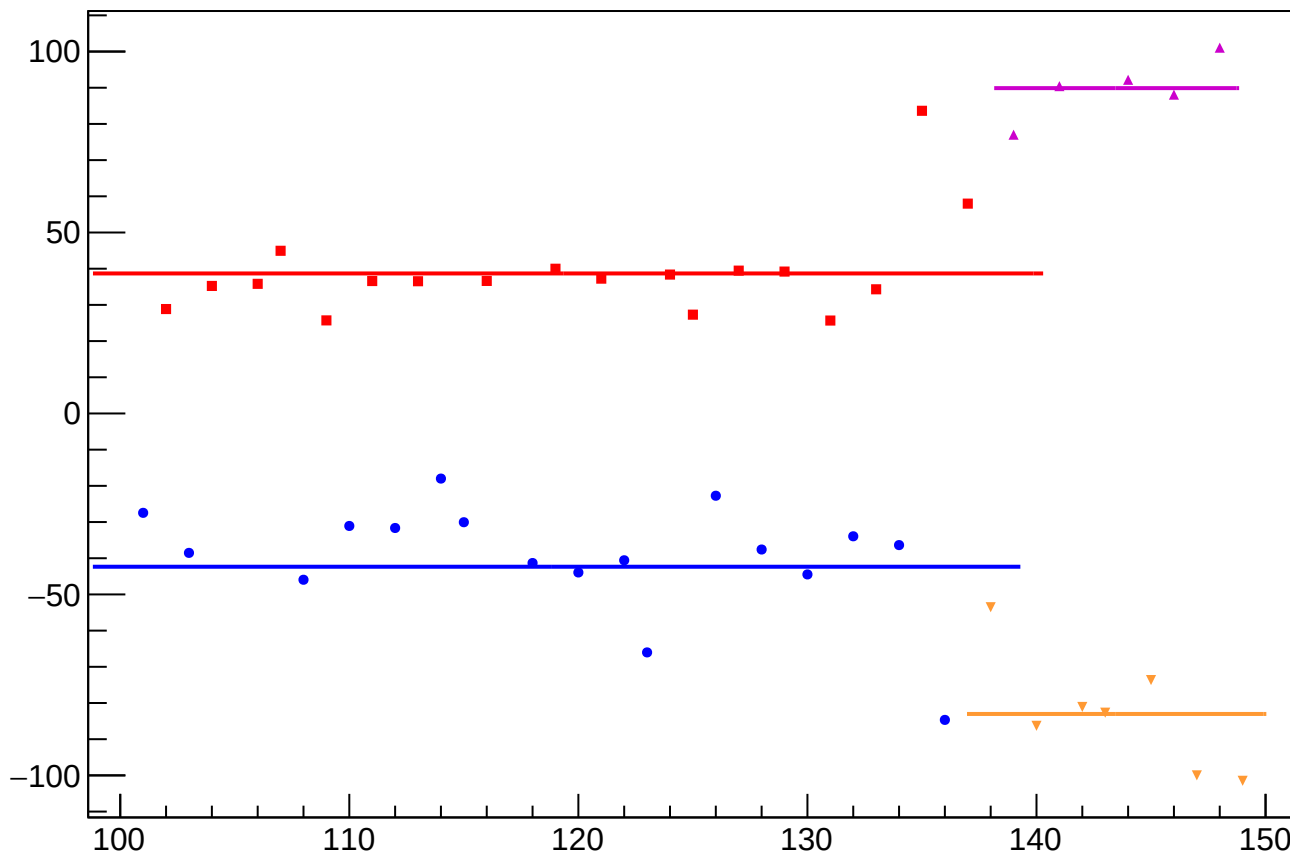
Right In: 5.103 $\pm$ 0.000 χ^2 /NDF: 4048406978190508053530993177395200.0/16
 Left Out: 3.521 $\pm$ 0.000 χ^2 /NDF: 988235495733964202460209766989824.0/6
 Right Out: -4.799 $\pm$ 0.000 χ^2 /NDF: 1271869445641912698697536291995648.0/17
 Left In: -3.606 $\pm$ 0.000 χ^2 /NDF: 531172535005839849748692270579712.0/4
 All: 0.168 $\pm$ 0.000 χ^2 /NDF: 53157917068073

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1071.175+/-0.000 χ^2/NDF : 16188801215723423756894148093057957888.0/6
 Right Out: -1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: -1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4
 All: 34.840+/-0.000 χ^2/NDF : 2828233902475

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: -42.348 ± 0.000

$\chi^2/\text{NDF}: 214487265312366042421757259213176832.0/16$

Left Out: -83.027 ± 0.000

$\chi^2/\text{NDF}: 126837823362464684637865961957883904.0/6$

Right Out: 38.687 ± 0.000

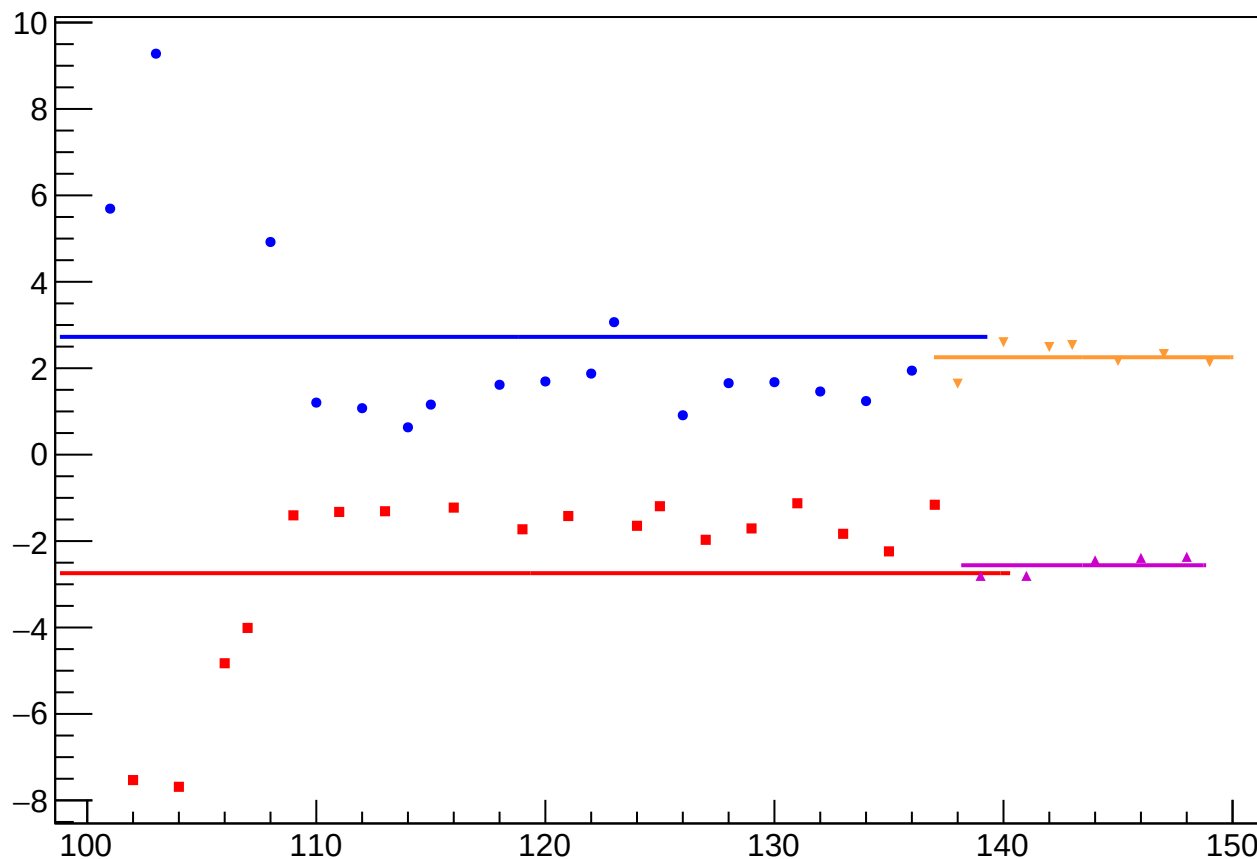
$\chi^2/\text{NDF}: 132884782523479402209438367825788928.0/17$

Left In: 89.892 ± 0.000

$\chi^2/\text{NDF}: 24669694838248944008220790176612352.0/4$

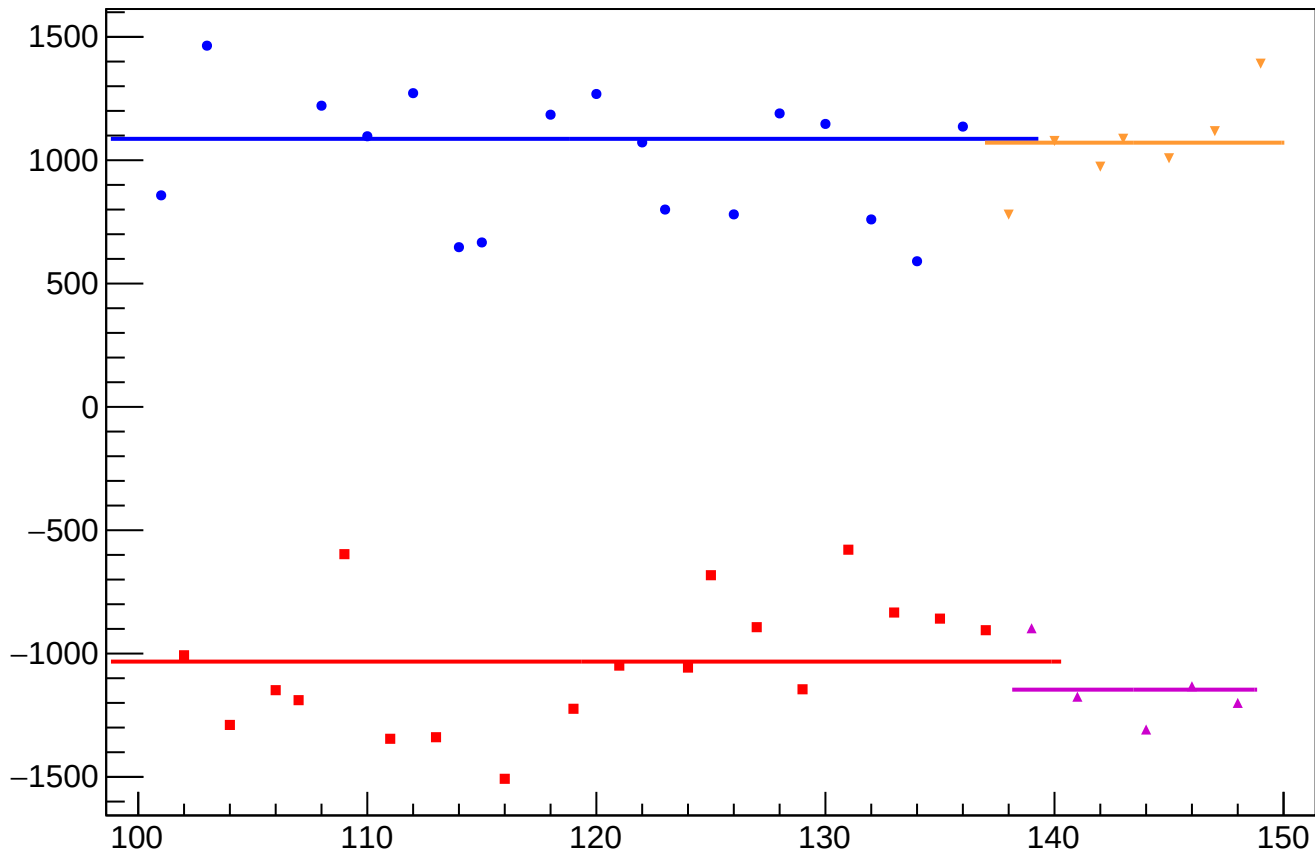
Left: -4.982 ± 0.000 $\chi^2/\text{NDF}: 70746749224360097$
 Right: -1.226 ± 0.000 $\chi^2/\text{NDF}: 2659977091062519$
 In: 7.657 ± 0.000 $\chi^2/\text{NDF}: 4828312151208848529$
 Out: -12.159 ± 0.000 $\chi^2/\text{NDF}: 4684685656282300$
 All: -2.725 ± 0.000 $\chi^2/\text{NDF}: 9742580830619$

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



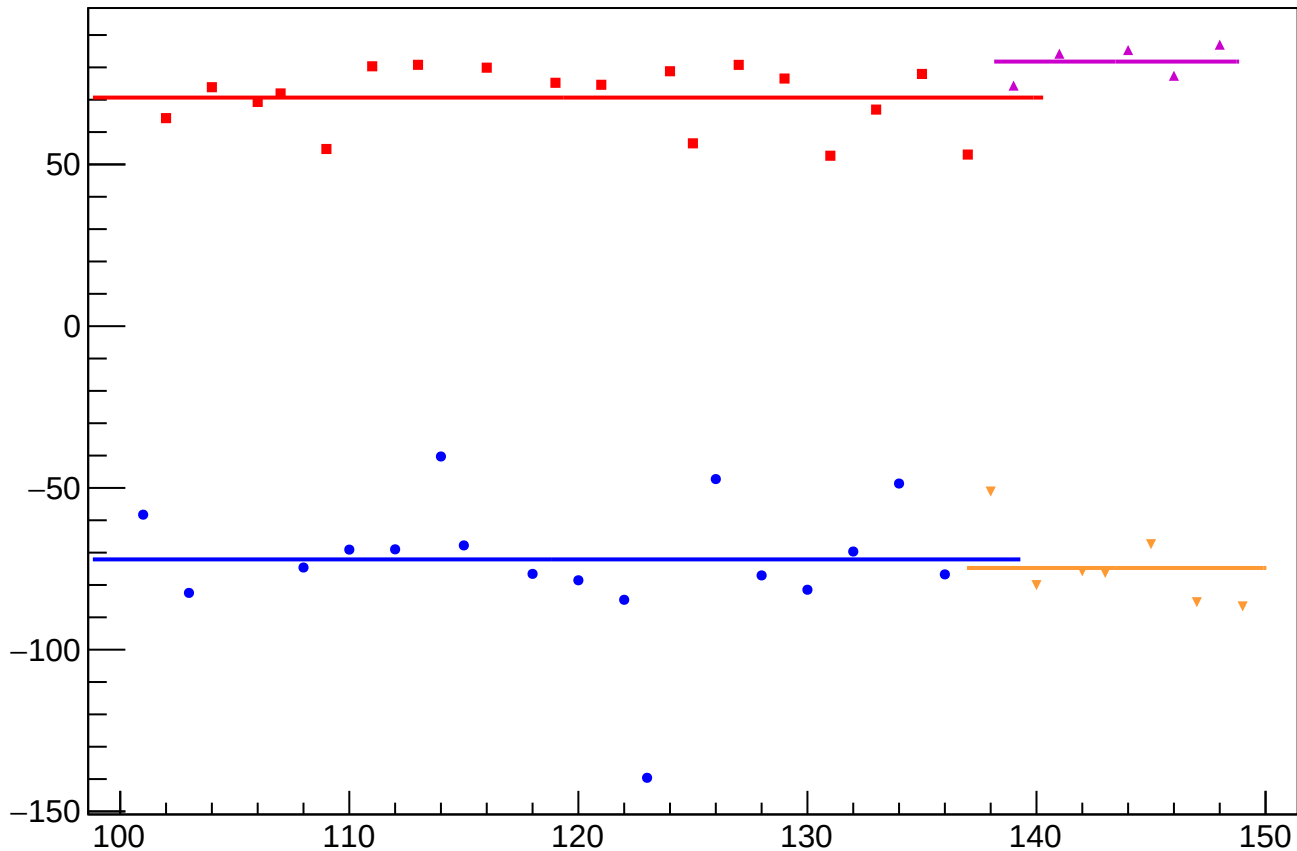
Right In: 2.726 +/- 0.000 χ^2/NDF : 4086214221048218627232910568062976.0/16
 Left Out: 2.254 +/- 0.000 χ^2/NDF : 49064581436745601135786372104192.0/6
 Right Out: -2.743 +/- 0.000 χ^2/NDF : 3588318821230369709737363581698048.0/17
 Left In: -2.560 +/- 0.000 χ^2/NDF : 16759046461851409499421503651840.0/4
 All: 0.003 +/- 0.000 χ^2/NDF : 23645614898798.0/16

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000	χ^2/NDF : 34612834720892896264590202148866752512.0/16	Left: 70.339+/-0.000	χ^2/NDF : 11623820031651111
Left Out: 1071.175+/-0.000	χ^2/NDF : 16188801215723423756894148093057957888.0/6	Right: 11.282+/-0.000	χ^2/NDF : 1663891694726158
Right Out: -1032.544+/-0.000	χ^2/NDF : 47614887029691398867923382029973979136.0/17	In: 242.312+/-0.000	χ^2/NDF : 13508292936003523
Left In: -1146.318+/-0.000	χ^2/NDF : 7667838085018963465489236626497339392.0/4	Out: -153.710+/-0.000	χ^2/NDF : 138571008146743
	All: 34.840+/-0.000	χ^2/NDF : 2828233902475	

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: -72.094+/-0.000

Left Out: -74.739+/-0.000

Right Out: 70.666+/-0.000

Left In: 81.790+/-0.000

χ^2/NDF : 103075229118962583323813478911705088.0/16

χ^2/NDF : 70849610028558428476784114311102464.0/6

χ^2/NDF : 63521582322355548765057214851317760.0/17

χ^2/NDF : 9991279281179208989428862970494976.0/4

Left: -4.092+/-0.000

Right: 0.350+/-0.000

In: -13.905+/-0.000

Out: 9.922+/-0.000

All: -1.422+/-0.000

χ^2/NDF : 57538202274946544

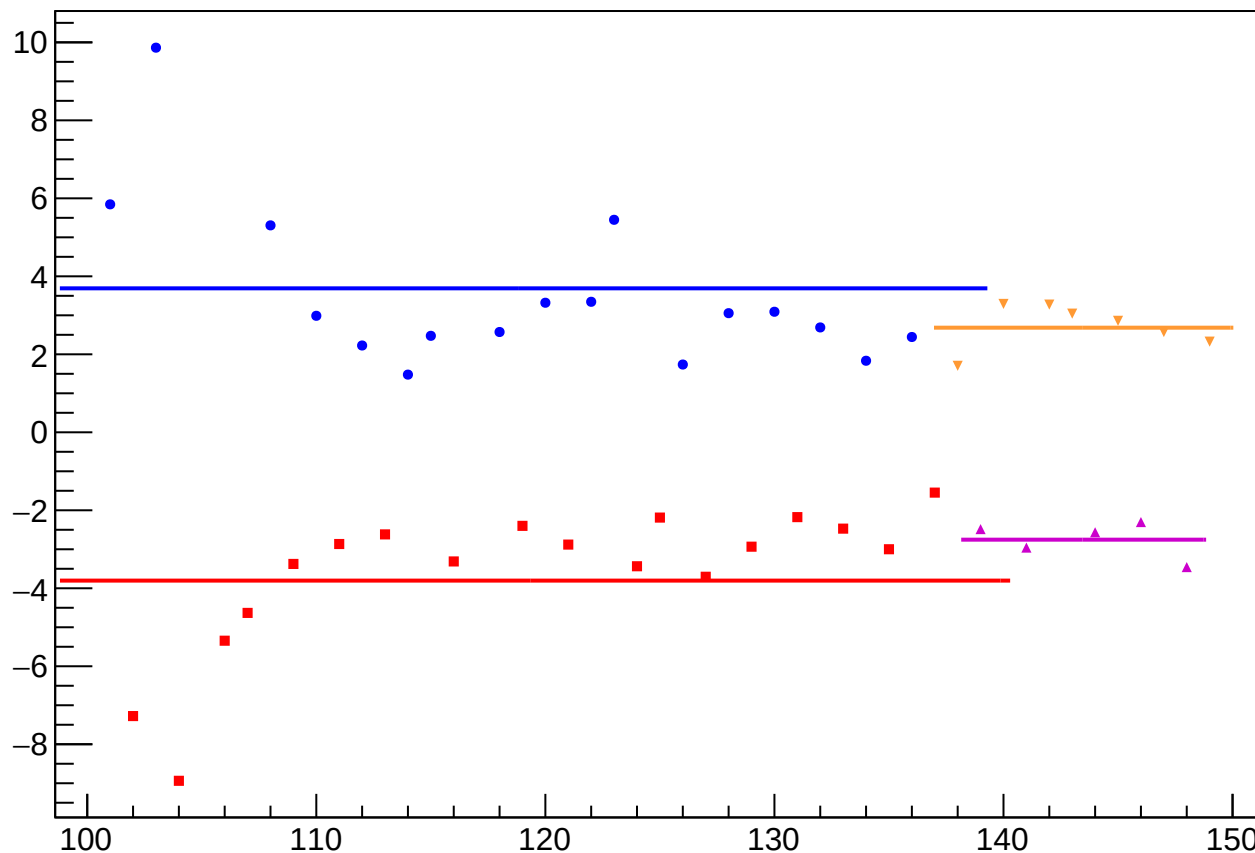
χ^2/NDF : 73439703870243937

χ^2/NDF : 63274158595102050

χ^2/NDF : 644953010143874758

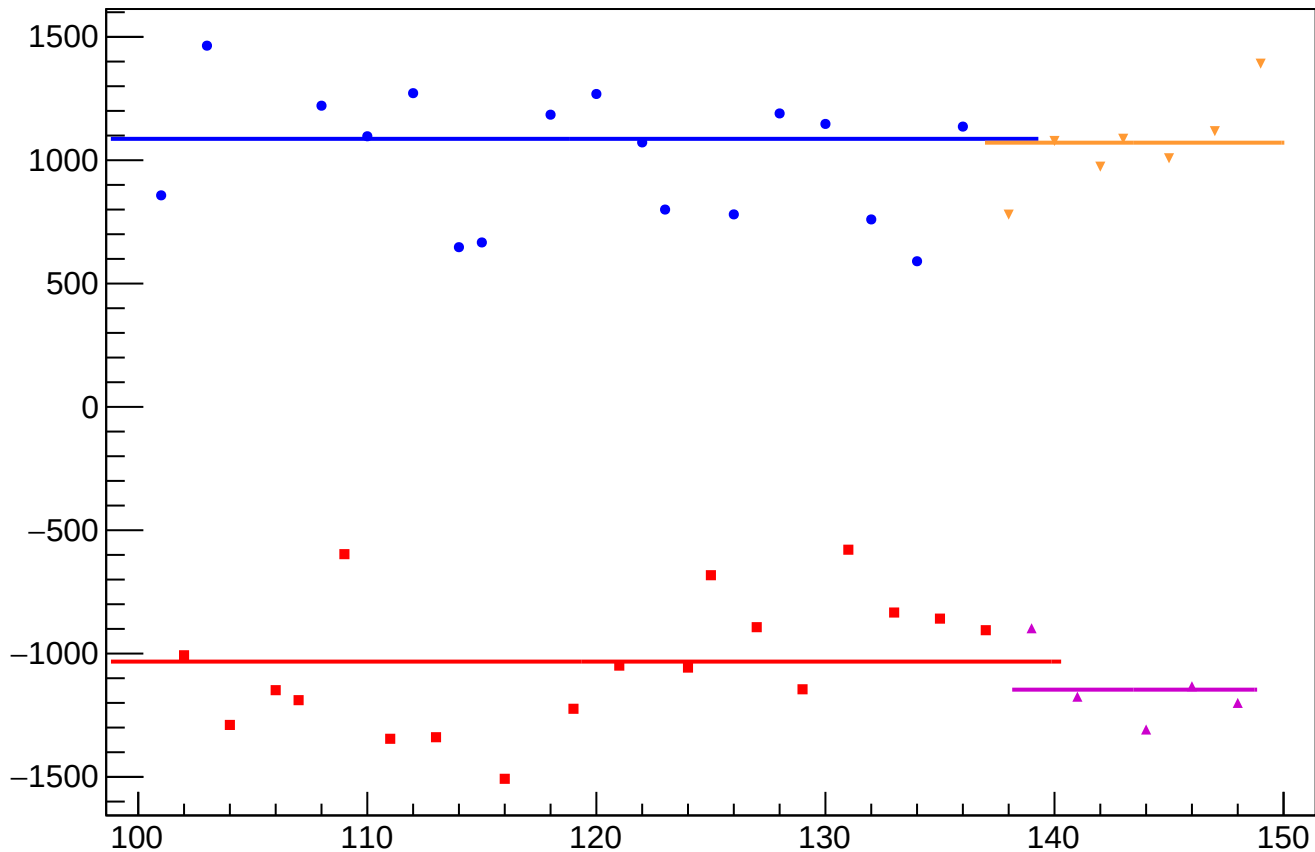
χ^2/NDF : 1310887804016

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 3.692 $\pm$ 0.000 χ^2 /NDF: 3355971788555014480502828790972416.0/16
 Left Out: 2.683 $\pm$ 0.000 χ^2 /NDF: 143997480990716143672882639142912.0/6
 Right Out: -3.803 $\pm$ 0.000 χ^2 /NDF: 2825063553426013260614294392799232.0/17
 Left In: -2.754 $\pm$ 0.000 χ^2 /NDF: 71133459246094875356634590216192.0/4
 All: 0.024 $\pm$ 0.000 χ^2 /NDF: 33088264798021

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

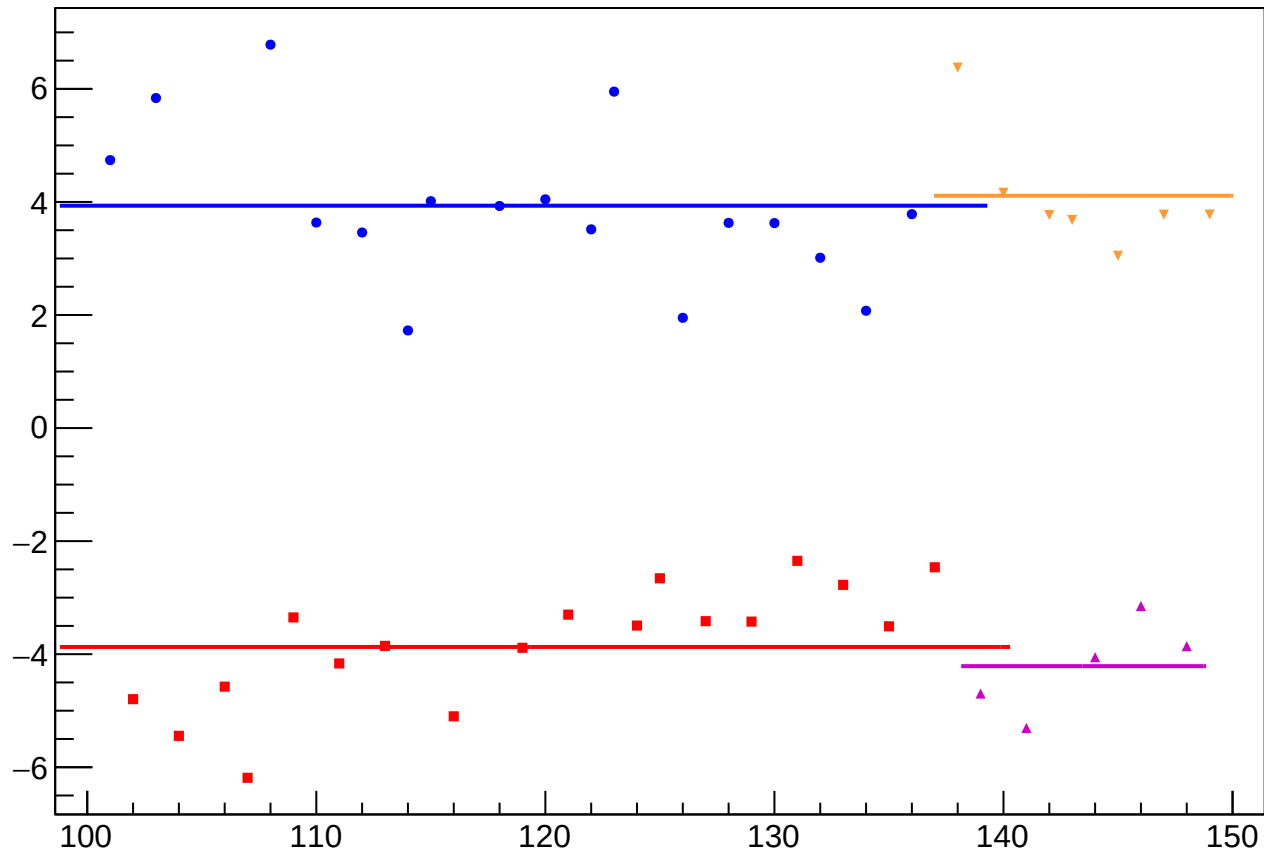
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 3.934 ± 0.000

$\chi^2/\text{NDF}: 937288717449166058748009299050496.0/16$

Left Out: 4.110 ± 0.000

$\chi^2/\text{NDF}: 524603245922120499713505753038848.0/6$

Right Out: -3.872 ± 0.000

$\chi^2/\text{NDF}: 707048075514761321683781922324480.0/17$

Left In: -4.212 ± 0.000

$\chi^2/\text{NDF}: 227392159447897330113461666971648.0/4$

Left: 0.354 ± 0.000 $\chi^2/\text{NDF}: 167850793808228365$

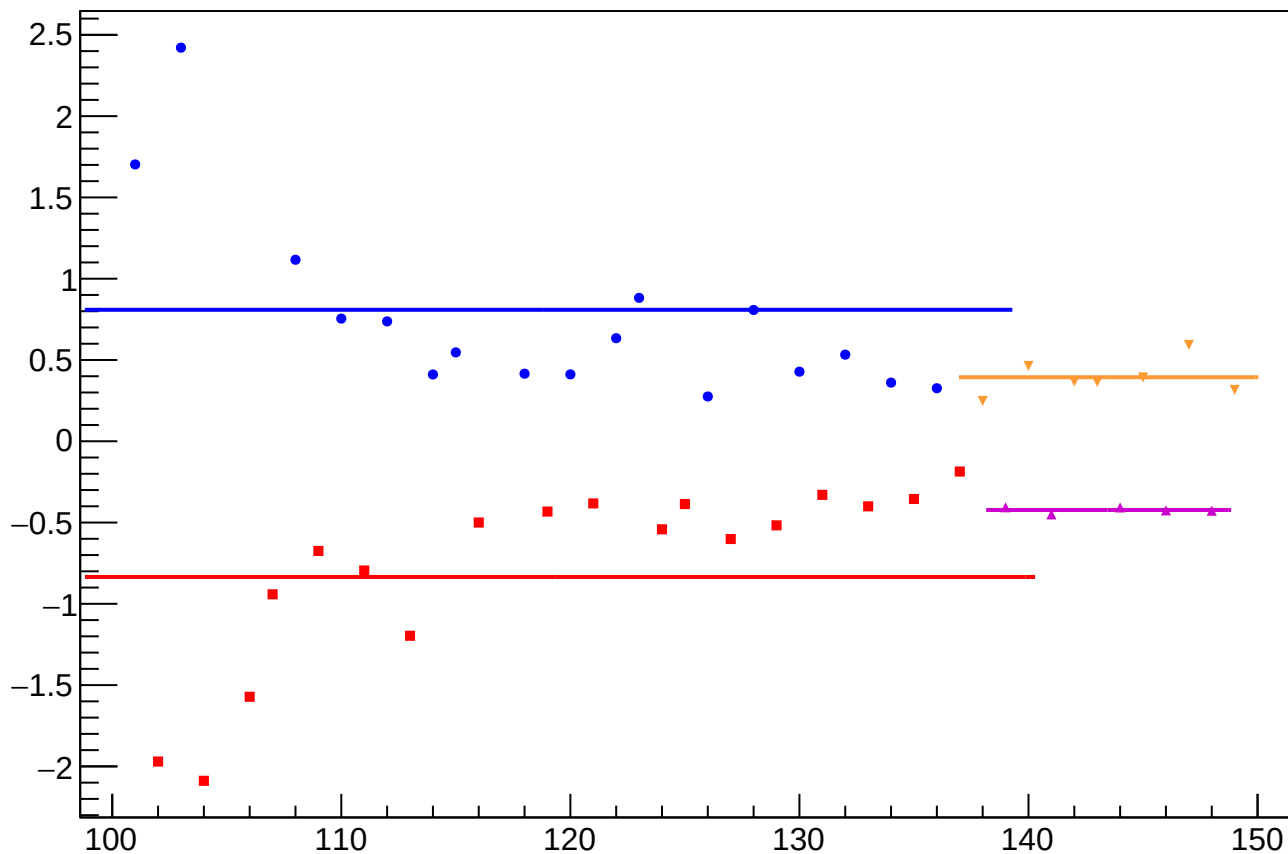
Right: -0.027 ± 0.000 $\chi^2/\text{NDF}: 2310400987999599$

In: 0.854 ± 0.000 $\chi^2/\text{NDF}: 1857639204004979783$

Out: -0.538 ± 0.000 $\chi^2/\text{NDF}: 20262447953879884$

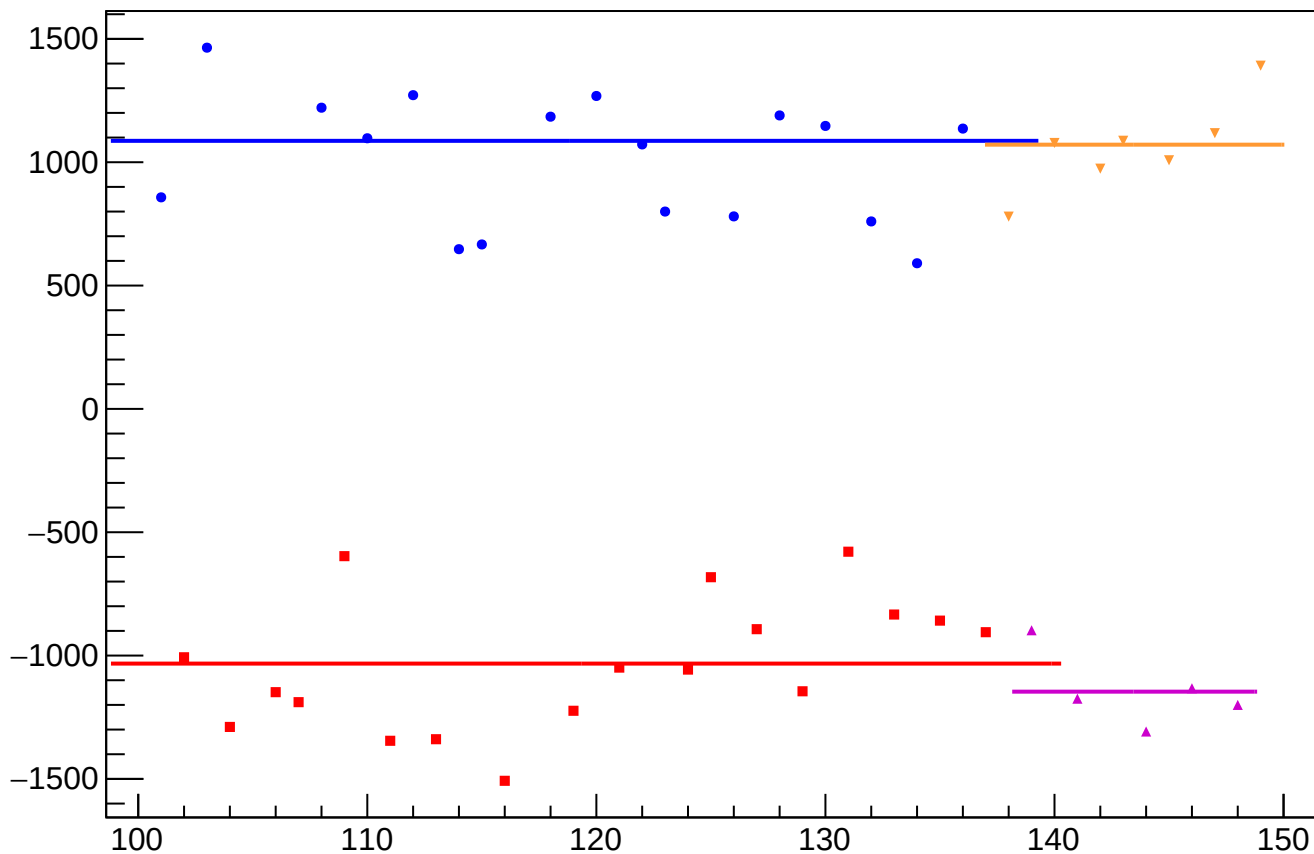
All: 0.125 ± 0.000 $\chi^2/\text{NDF}: 39970853833864$

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.809 +/- 0.000 χ^2/NDF : 269169890346681229126320544284672.0/16
 Left Out: 0.394 +/- 0.000 χ^2/NDF : 5733382368790070024166021529600.0/6
 Right Out: -0.835 +/- 0.000 χ^2/NDF : 250373306610542576736300880101376.0/17
 Left In: -0.423 +/- 0.000 χ^2/NDF : 107999988147997954598223478784.0/4
 All: -0.005 +/- 0.000 χ^2/NDF : 1632548270840.0/1

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

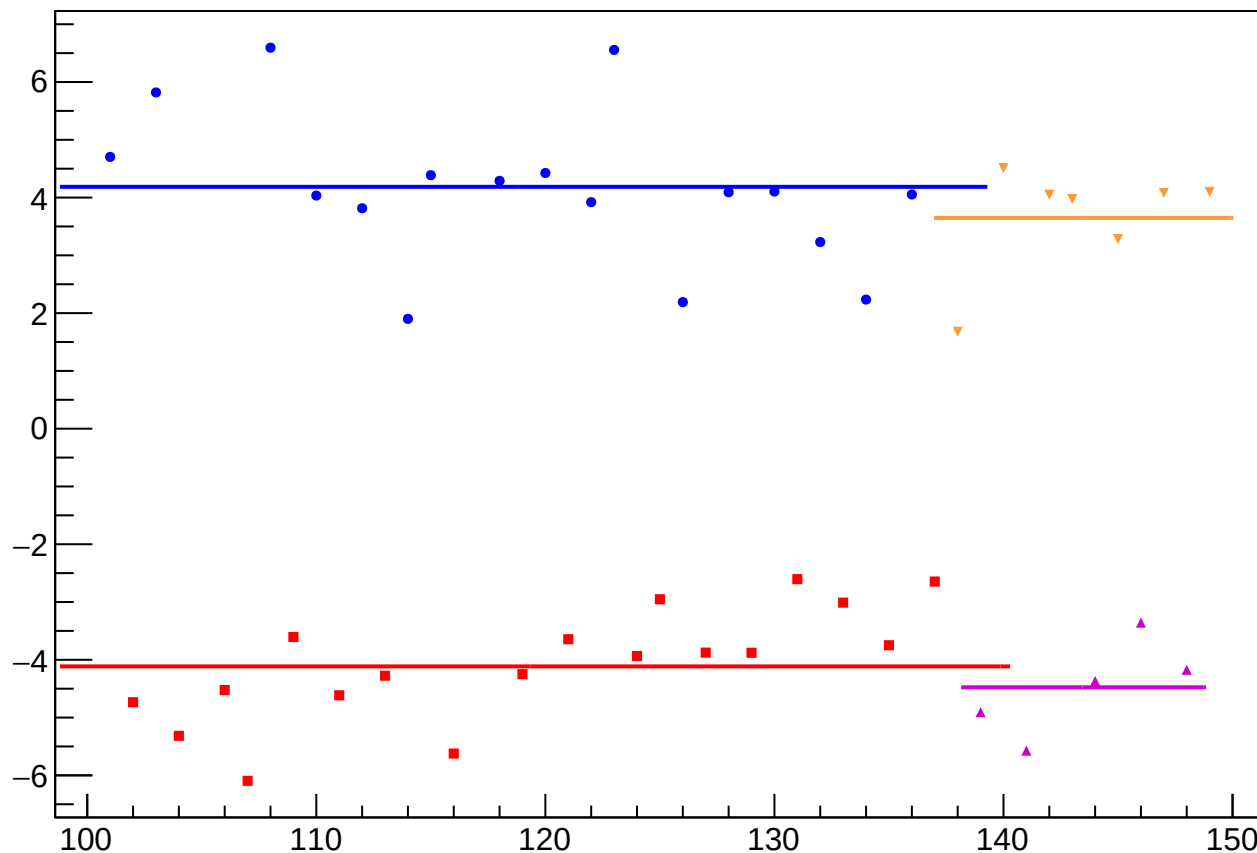
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

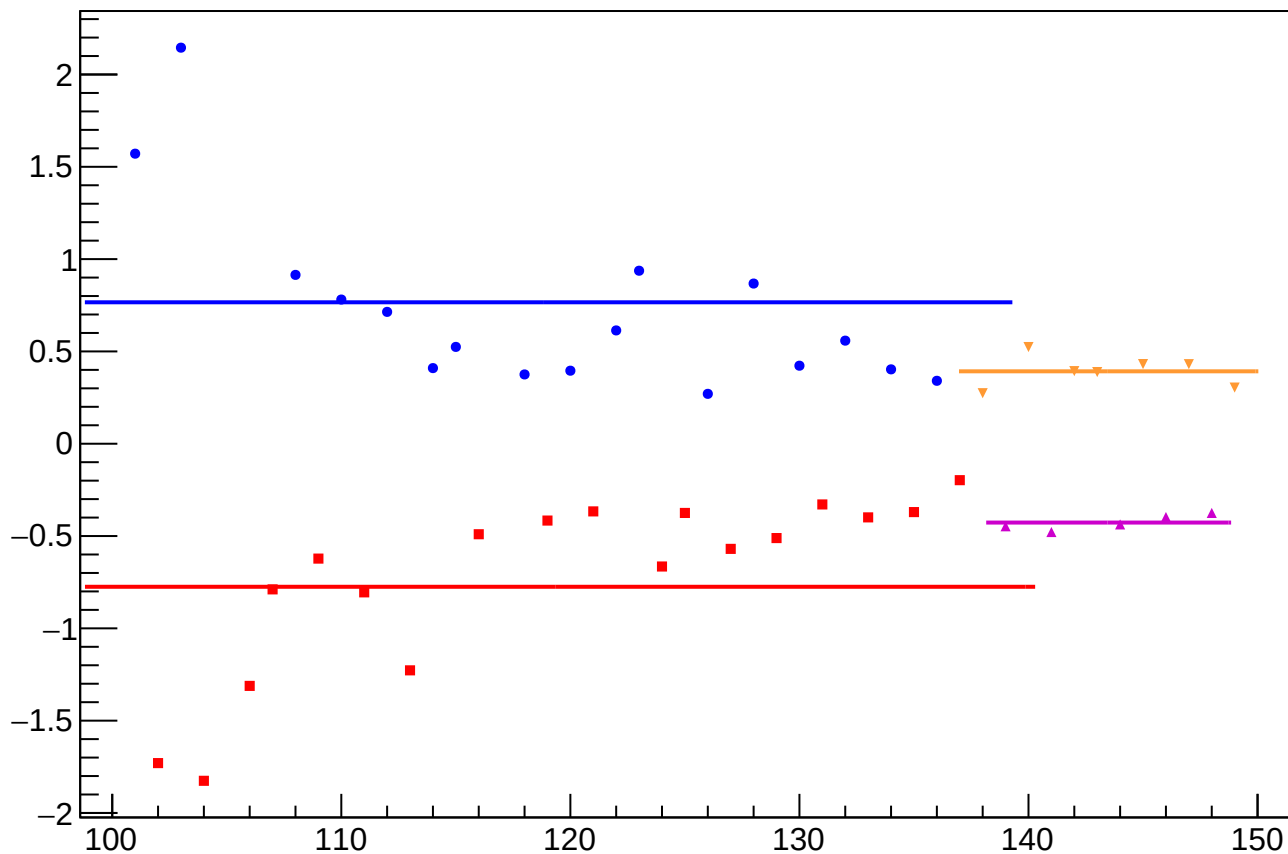
All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 4.186 ± 0.000 χ^2/NDF : 774445398310846770950220892078080.0/16
 Left Out: 3.649 ± 0.000 χ^2/NDF : 420543251632314549901675831754752.0/6
 Right Out: -4.114 ± 0.000 χ^2/NDF : 573990867601521273238766982529024.0/17
 Left In: -4.476 ± 0.000 χ^2/NDF : 229980062064034568277550019117056.0/4
 All: -0.023 ± 0.000 χ^2/NDF : 4154542210476

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.766 $\pm$ 0.000

χ^2 /NDF: 204784790719097578994787197911040.0/16

Left Out: 0.392 $\pm$ 0.000

χ^2 /NDF: 3404947646141448566477057687552.0/6

Right Out: -0.775 $\pm$ 0.000

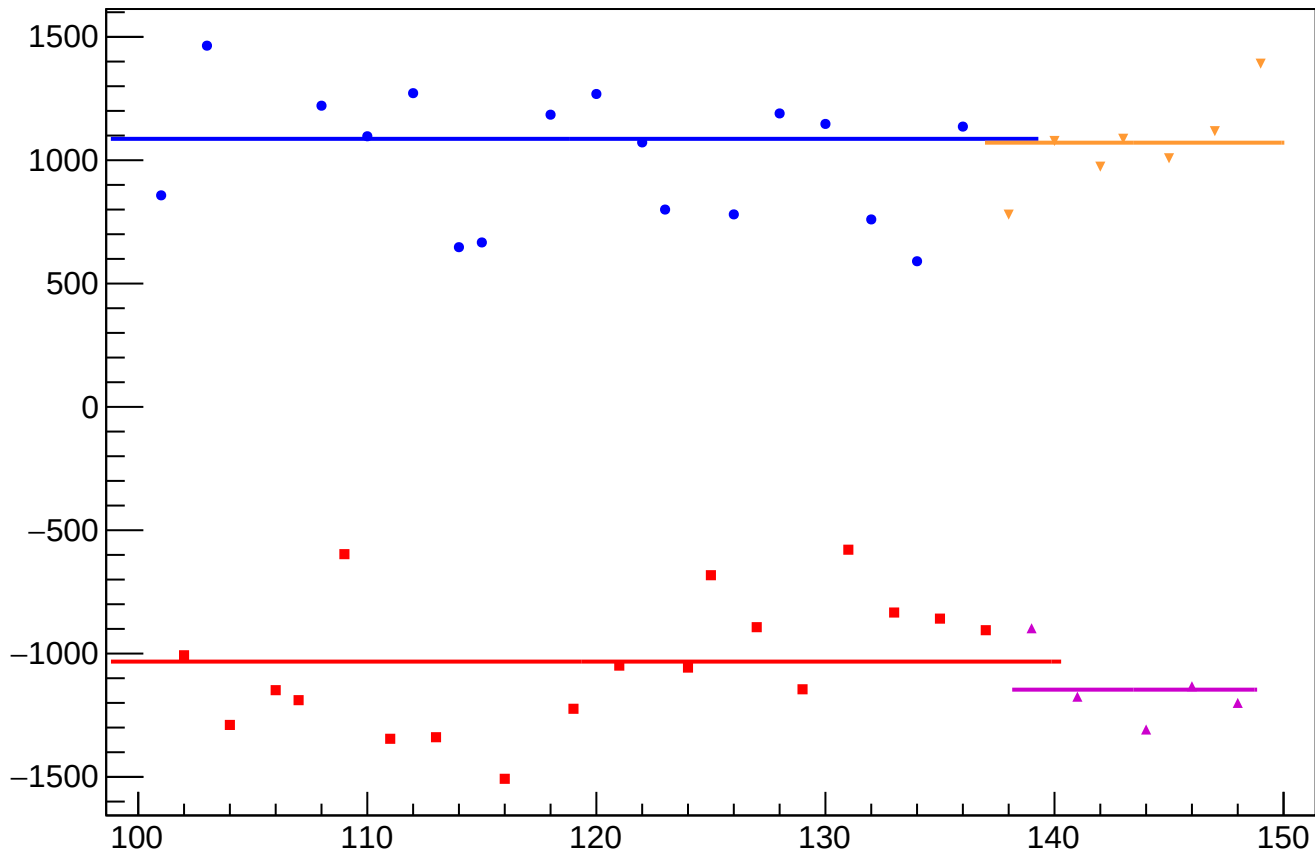
χ^2 /NDF: 182293178606852047340817164009472.0/17

Left In: -0.427 $\pm$ 0.000

χ^2 /NDF: 568958592199053331136411336704.0/4

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 1383492601200

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111

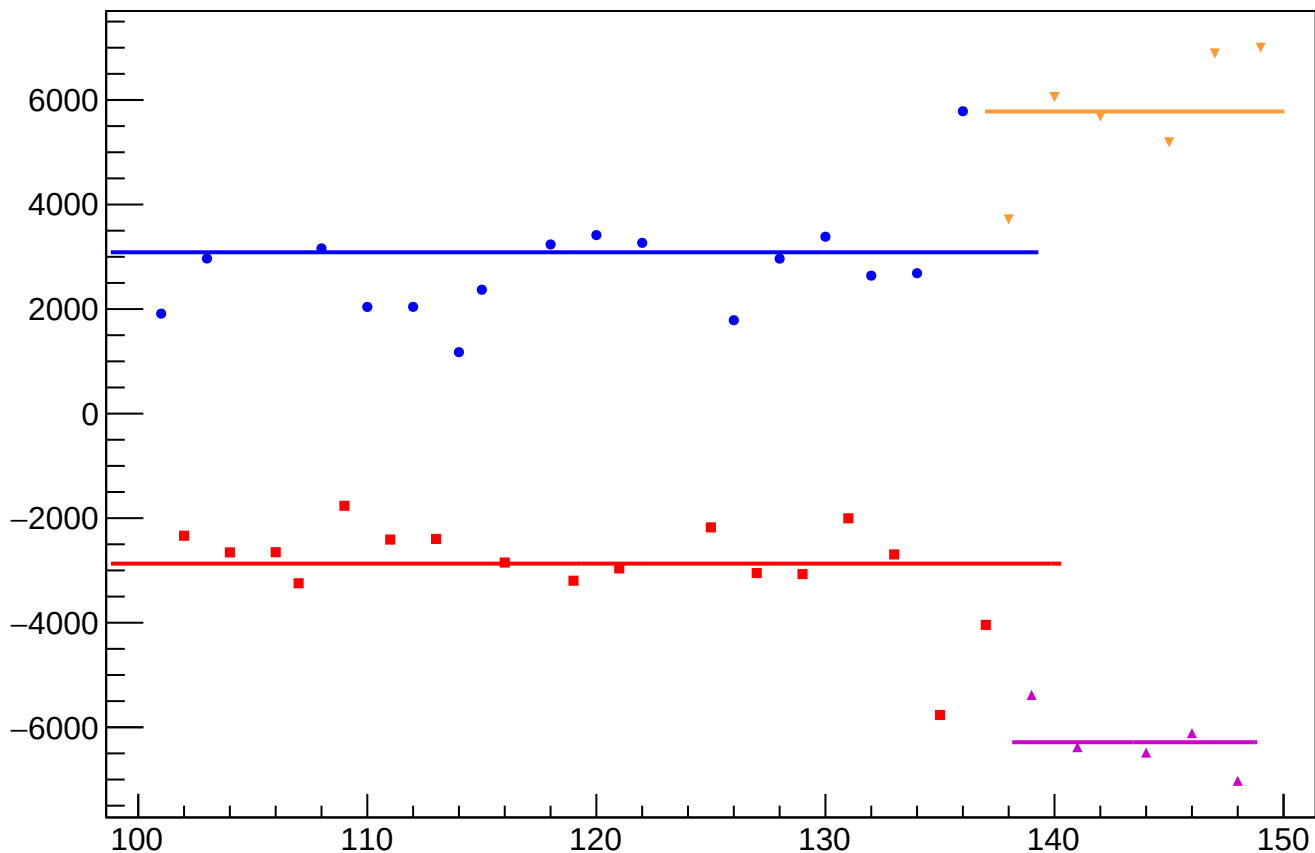
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743

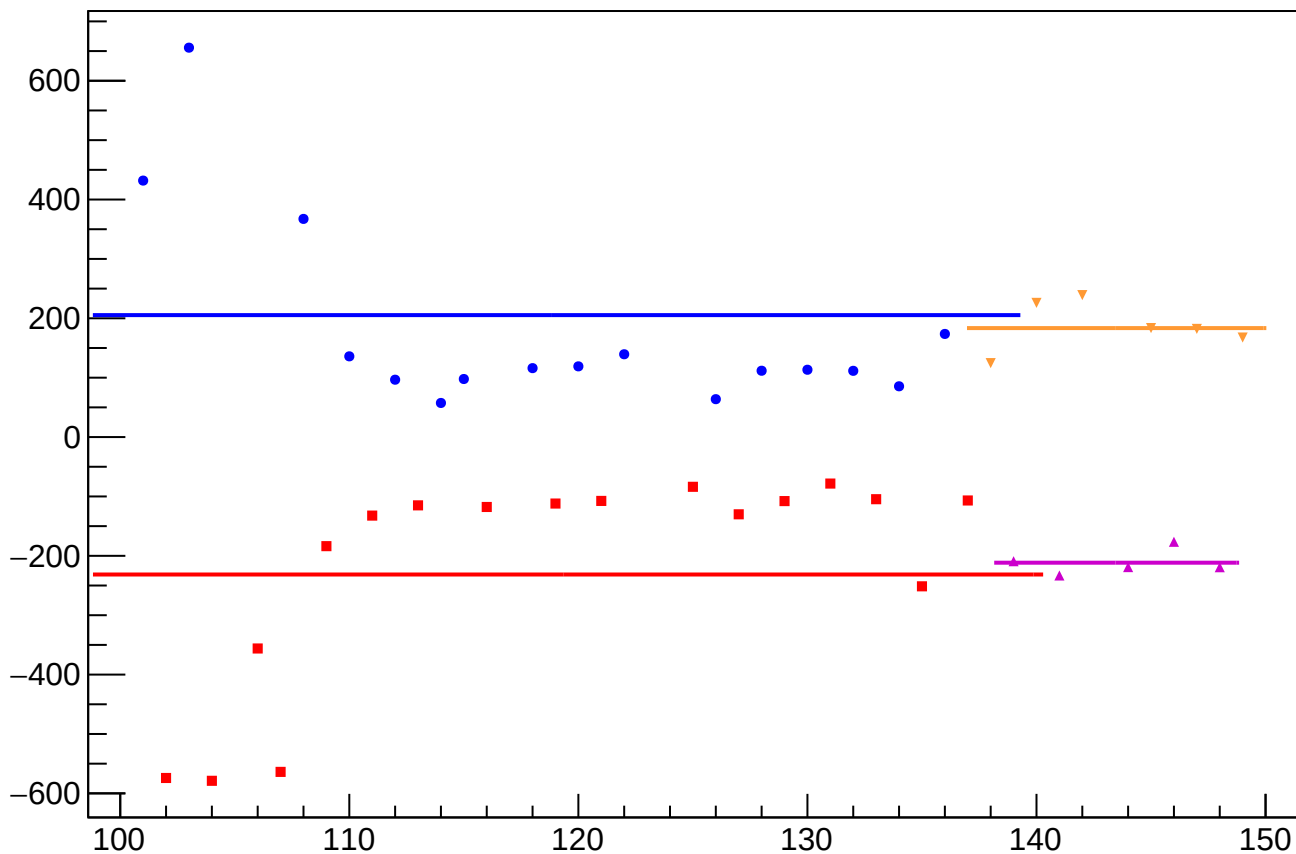
All: 34.840+/-0.000 χ^2/NDF : 2828233902475

dit_usl_coil3_mean vs Slug, Sign Corrected



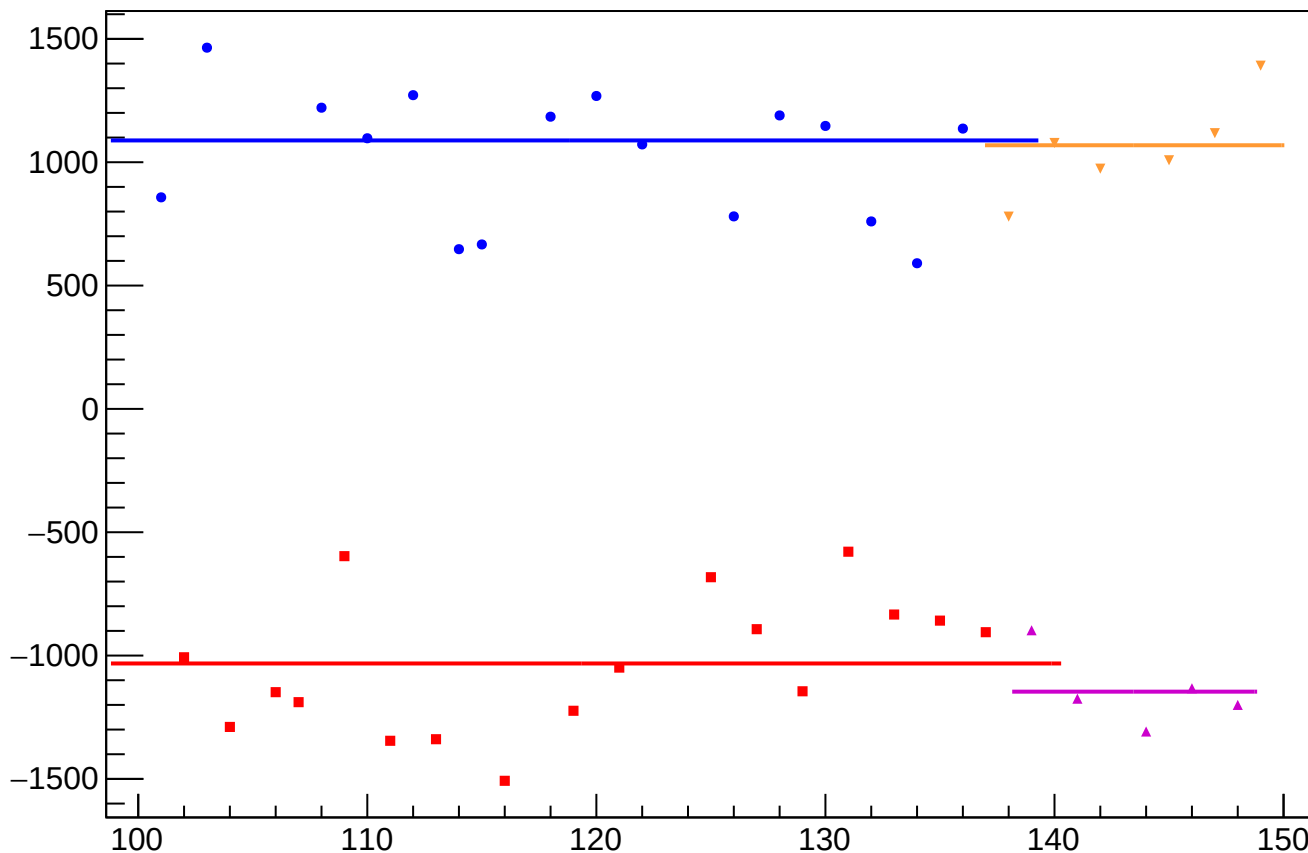
Right In: 3086.294+/-0.000 χ^2/NDF : 957872647656521012418983150086021709824.0/15
 Left Out: 5780.137+/-0.000 χ^2/NDF : 587477314746481160980178758583267098624.0/5
 Right Out: -2869.332+/-0.000 χ^2/NDF : 591237562305543847323062569482235936768.0/16
 Left In: -6286.396+/-0.000 χ^2/NDF : 118587768607735862054604352191459229696.0/4
 All: 19.134+/-0.000 χ^2/NDF : 4617589953216

dit_usl_coil3_err_mean vs Slug, Sign Corrected



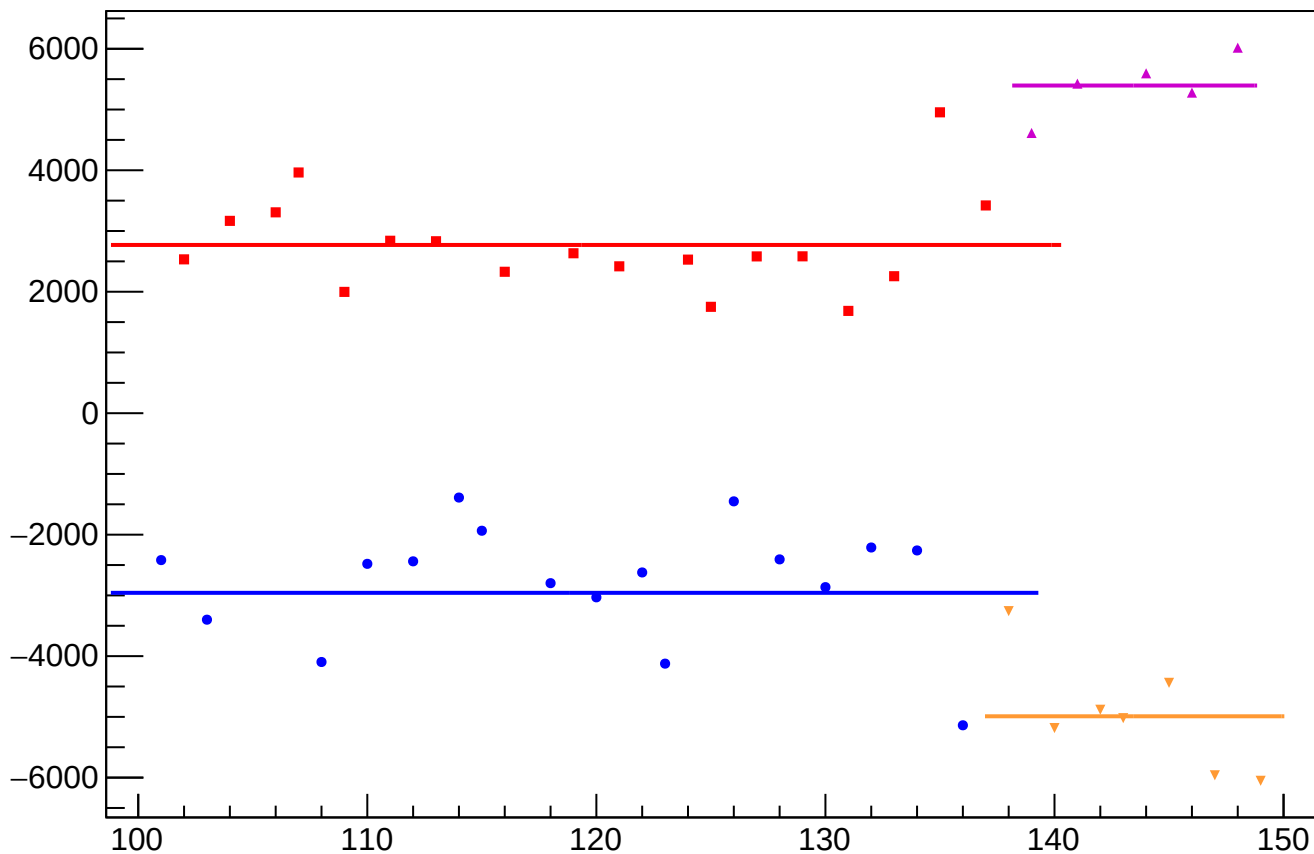
Left: -8.570 +/- 0.000 χ^2/NDF : 34578922933937888
 Right: -14.770 +/- 0.000 χ^2/NDF : 110839210771107
 In: 47.141 +/- 0.000 χ^2/NDF : 661645686707697519
 Out: -70.099 +/- 0.000 χ^2/NDF : 7151339849691796
 All: -12.388 +/- 0.000 χ^2/NDF : 145438680708

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1088.357+/-0.000 χ^2/NDF : 34282153777351983771685586546357960704.0/15
 Left Out: 1068.789+/-0.000 χ^2/NDF : 16169356954731947450321465721833390080.0/5
 Right Out: -1032.058+/-0.000 χ^2/NDF : 47606445983736508238206731798200713216.0/16
 Left In: -1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4
 All: 9.042+/-0.000 χ^2/NDF : 27335232541849

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -2957.567+/-0.000

Left Out: -4990.371+/-0.000

Right Out: 2770.253+/-0.000

Left In: 5395.189+/-0.000

χ^2/NDF : 713909426456610215881026852236843548672.0/16

χ^2/NDF : 429530347672411301076310267442392727552.0/6

χ^2/NDF : 445434357481765841936850386629712412672.0/17

χ^2/NDF : 86847855188639882951533296344555847680.0/4

Left: -302.985+/-0.000 χ^2/NDF : 254898003705956

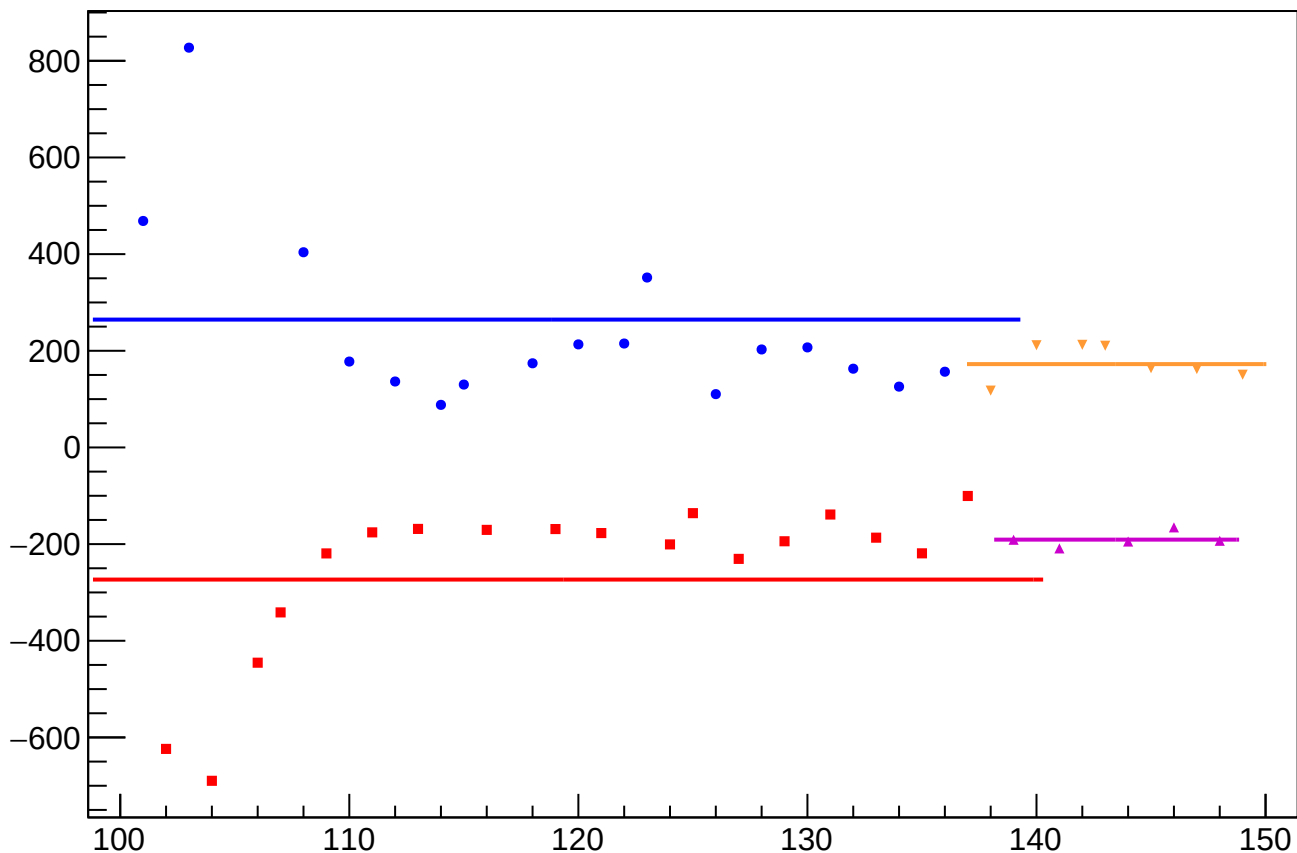
Right: -50.973+/-0.000 χ^2/NDF : 127133701983019

In: 200.912+/-0.000 χ^2/NDF : 1910987345329943

Out: -471.766+/-0.000 χ^2/NDF : 188644344145838

All: -151.498+/-0.000 χ^2/NDF : 38238865483

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 264.557+/-0.000

χ^2/NDF : 27392235444982313348552279916984401920.0/16

Left Out: 172.441+/-0.000

χ^2/NDF : 583826256452038470738797849674252288.0/6

Right Out: -273.375+/-0.000

χ^2/NDF : 22103440288407609769259099140296540160.0/17

Left In: -190.740+/-0.000

χ^2/NDF : 83299940742009202889879899684732928.0/4

Left: 8.524+/-0.000 χ^2/NDF : 312067738343106396

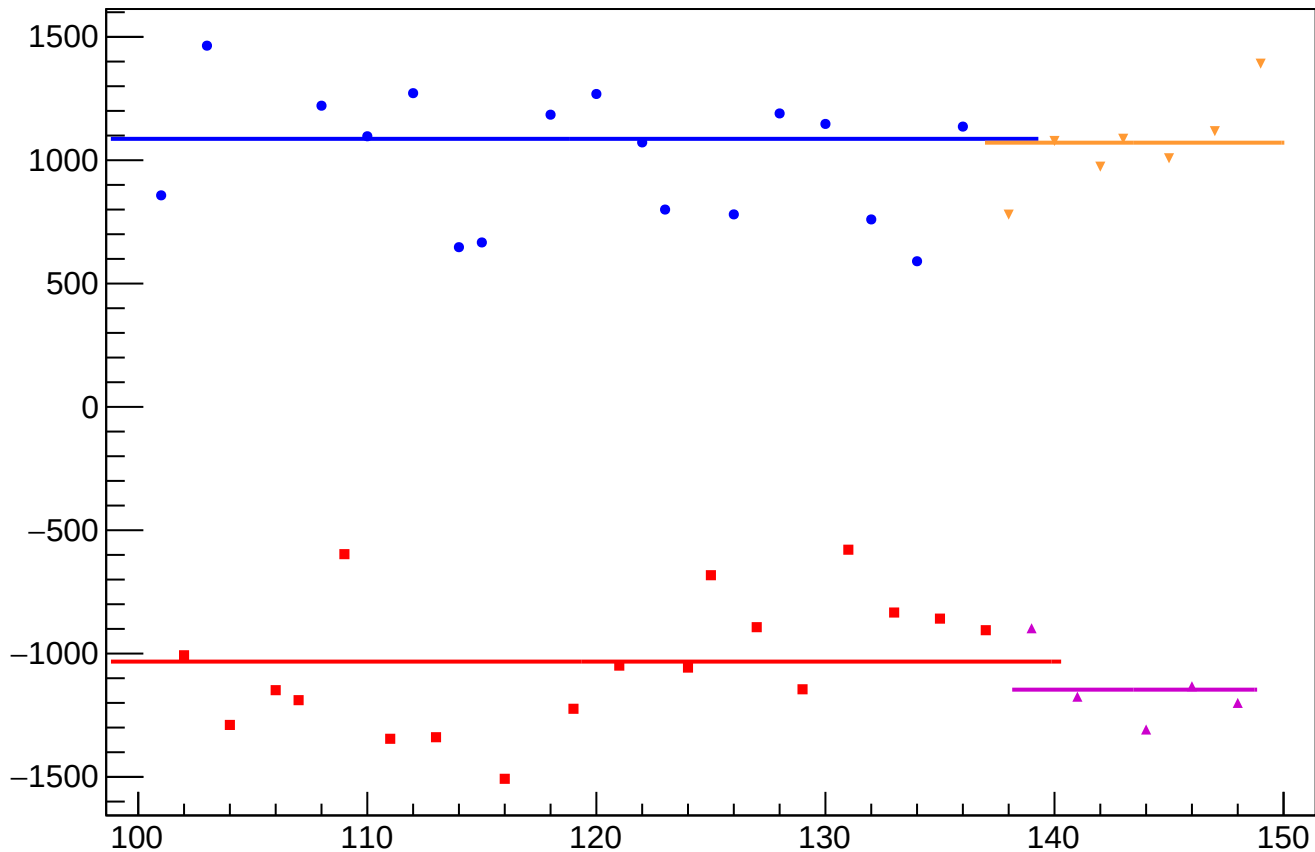
Right: -8.418+/-0.000 χ^2/NDF : 1514037633807586

In: 92.393+/-0.000 χ^2/NDF : 818753427790945475

Out: -87.134+/-0.000 χ^2/NDF : 8205291024241618

All: -1.660+/-0.000 χ^2/NDF : 1827718482403

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

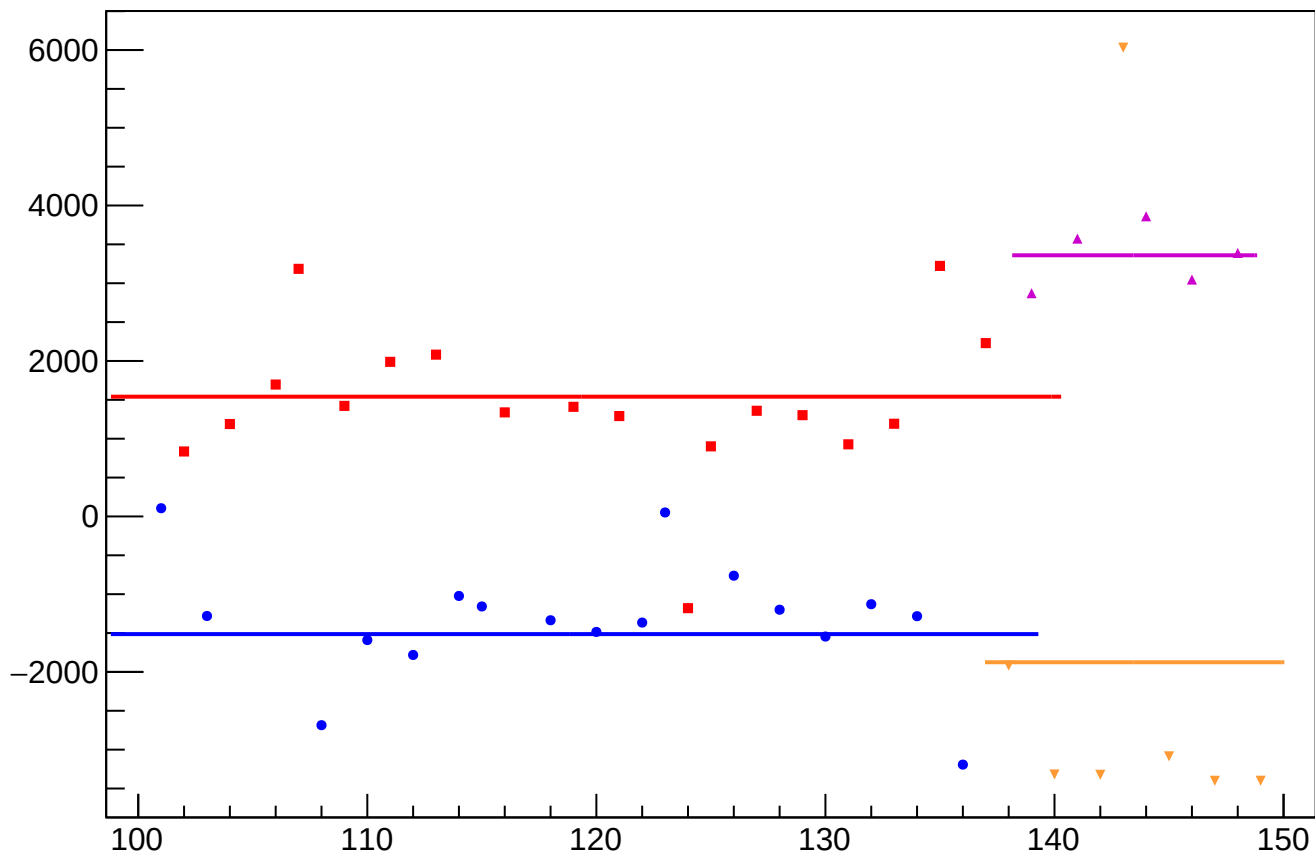
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/6

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1513.653±/0.000

Left Out: -1875.843±/0.000

Right Out: 1540.621±/0.000

Left In: 3359.568±/0.000

χ²/NDF: 514234912482757513557339366977389461504.0/16

χ²/NDF: 4946220612864470903564320417141772779520.0/6

χ²/NDF: 446199417852057016559160819528574697472.0/17

χ²/NDF: 53749610576097130027821936343028596736.0/4

Left: 487.091±/0.000 χ²/NDF: 1134625893336009

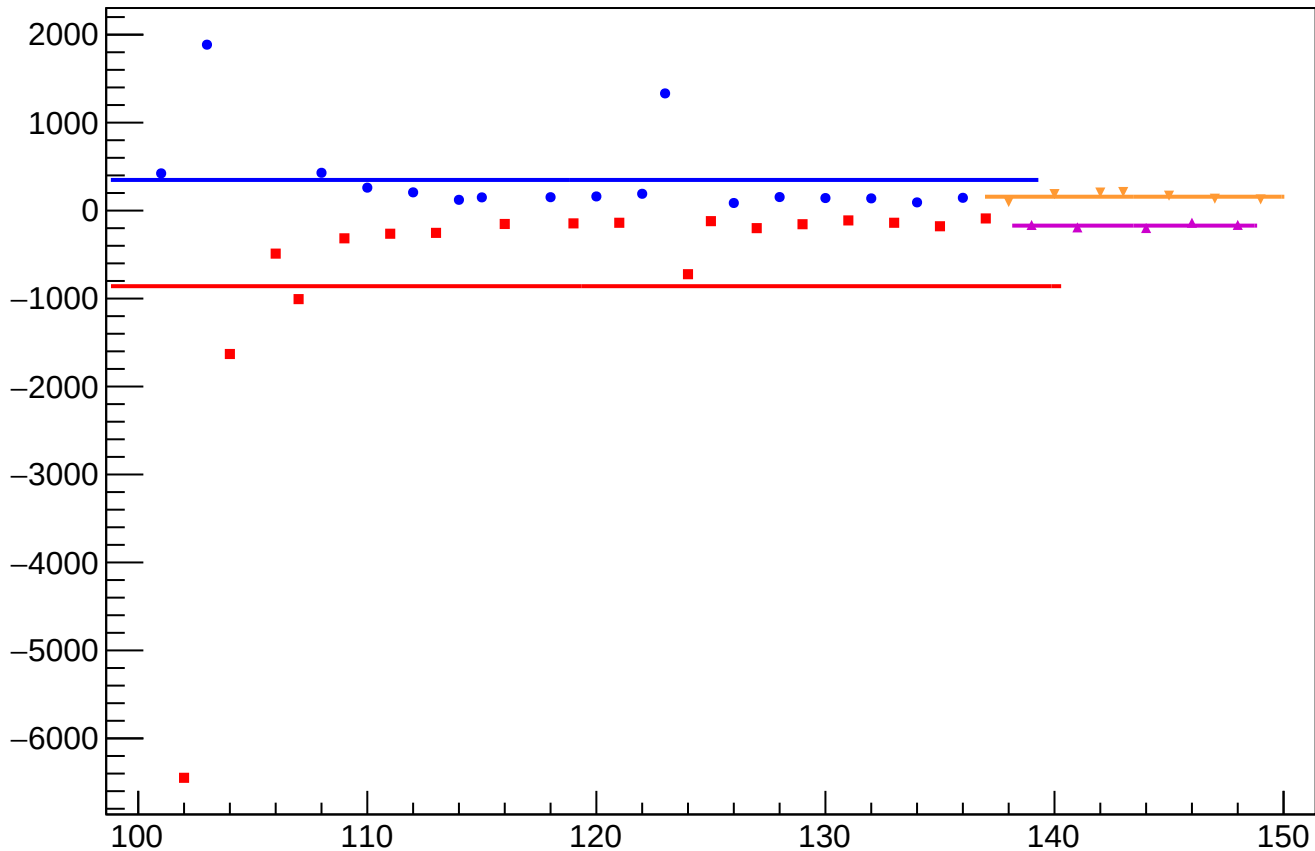
Right: 36.245±/0.000 χ²/NDF: 4245699622257131

In: 329.089±/0.000 χ²/NDF: 68001643604008672

Out: 113.385±/0.000 χ²/NDF: 8878832112286691

All: 216.083±/0.000 χ²/NDF: 157061996884

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 348.444+/-0.000

χ^2/NDF : 164421878122610355371654497383202422784.0/16

Left Out: 157.828+/-0.000

χ^2/NDF : 784965239933062277125537995725733888.0/6

Right Out: -859.360+/-0.000

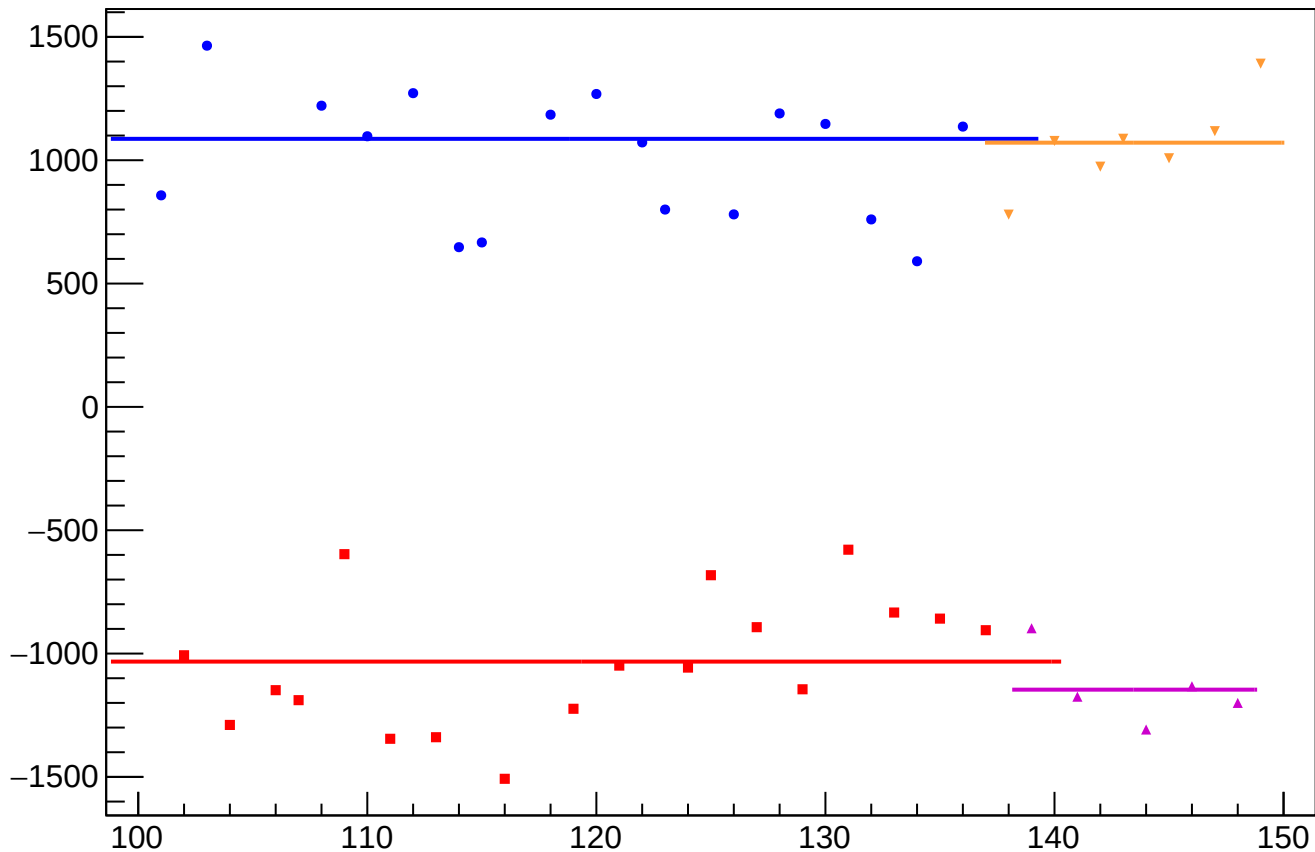
χ^2/NDF : 2089894584846900651264019930845330538496.0/17

Left In: -170.859+/-0.000

χ^2/NDF : 201620359632303283572779551488475136.0/4

All: -155.187+/-0.000 χ^2/NDF : 28362387627

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

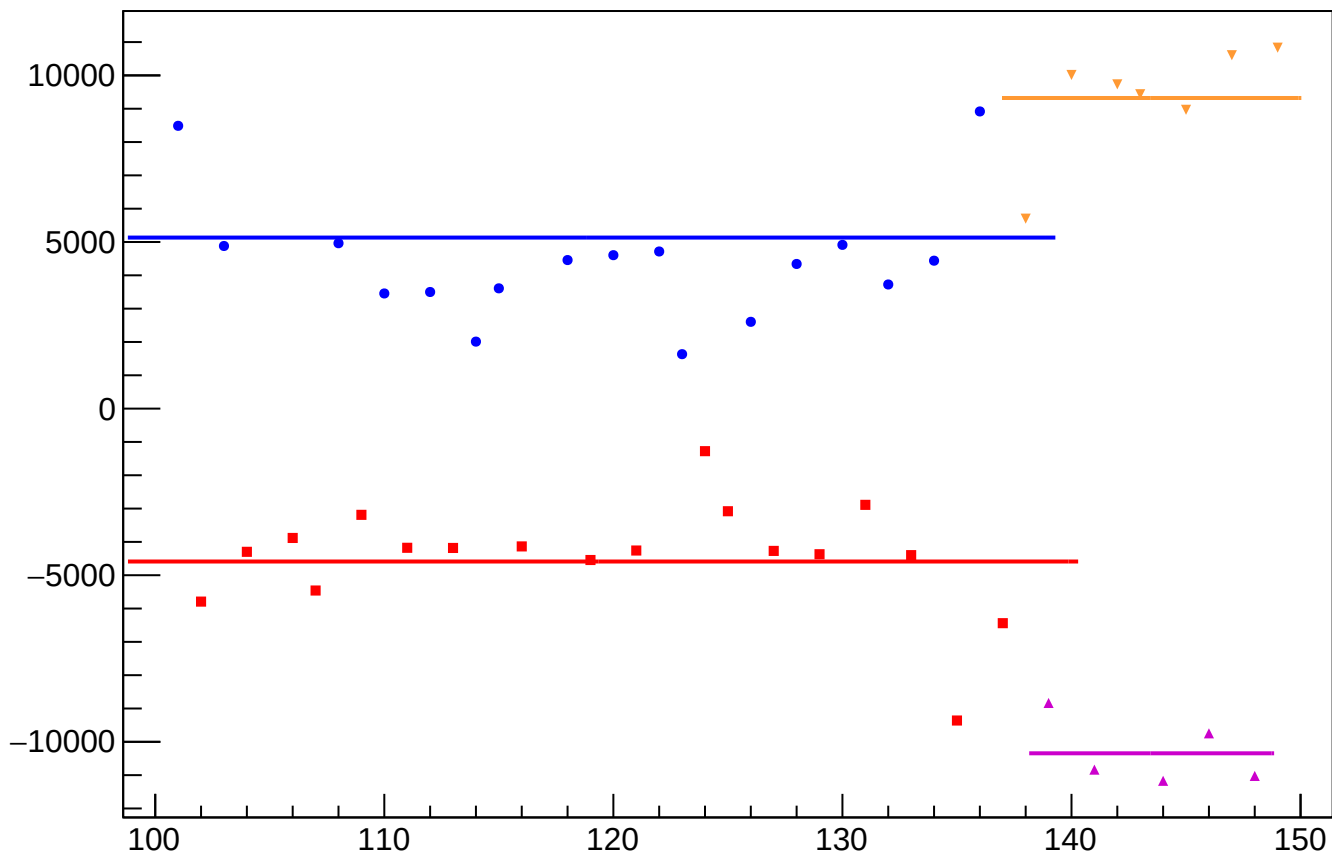
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/6

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

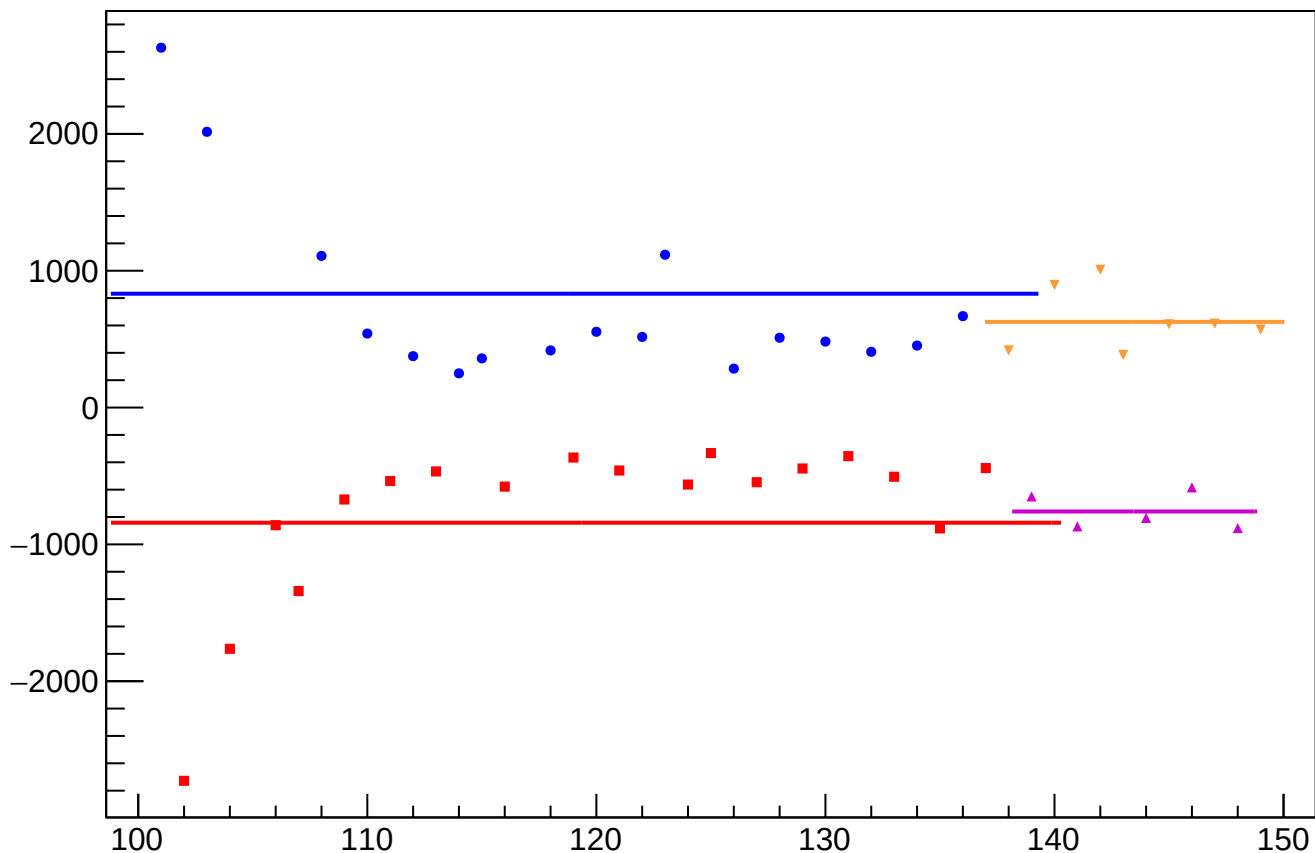
All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5133.097+/-0.000 χ^2/NDF : 2783606731789543492542627200033364115456.0/16
 Left Out: 9321.895+/-0.000 χ^2/NDF : 1400596098364261282139003717626441498624.0/6
 Right Out: -4588.565+/-0.000 χ^2/NDF : 1762679658137517030098233744958039261184.0/17
 Left In: -10344.401+/-0.000 χ^2/NDF : 334490460320633004285420970304994279424.0/4
 All: 297.927+/-0.000 χ^2/NDF : 129148904704

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 831.957 +/- 0.000

χ^2/NDF : 349451729062960856481628082238677581824.0/16

Left Out: 626.246 +/- 0.000

χ^2/NDF : 20263232371483862878962422496391856128.0/6

Right Out: -841.697 +/- 0.000

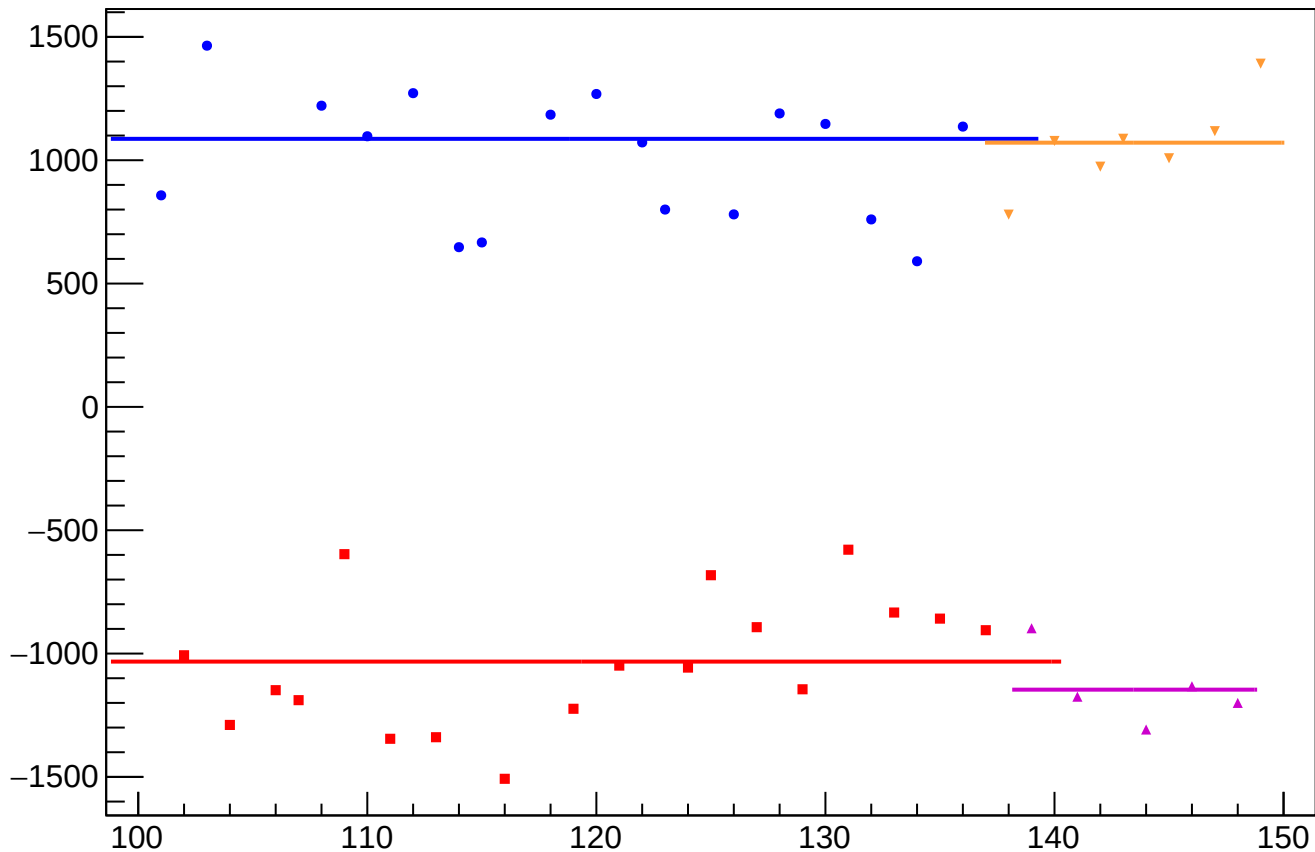
χ^2/NDF : 327194571788790762884924618221350289408.0/17

Left In: -759.674 +/- 0.000

χ^2/NDF : 6009475479847690443913703228346204160.0/4

All: -10.134 +/- 0.000 χ^2/NDF : 213430560784

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

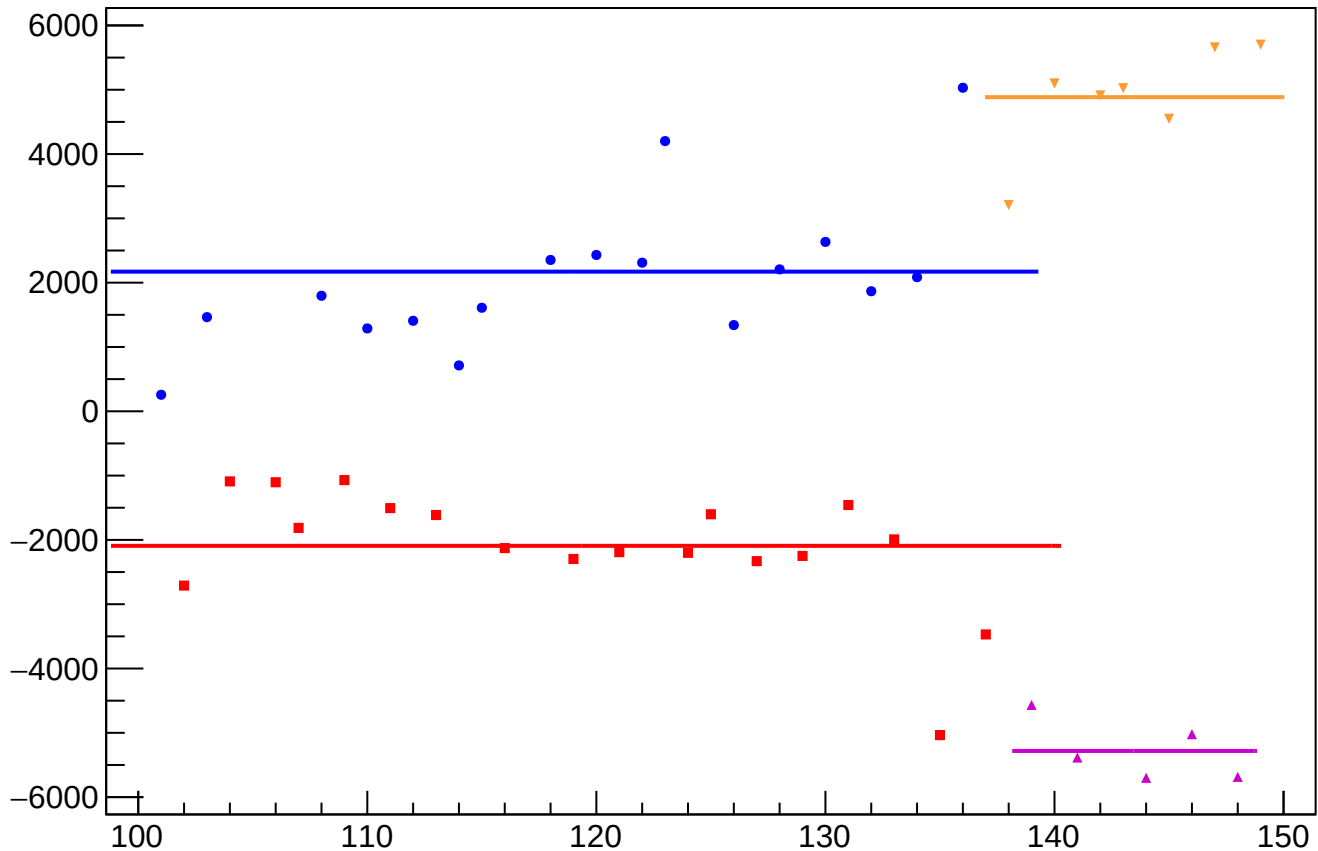
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

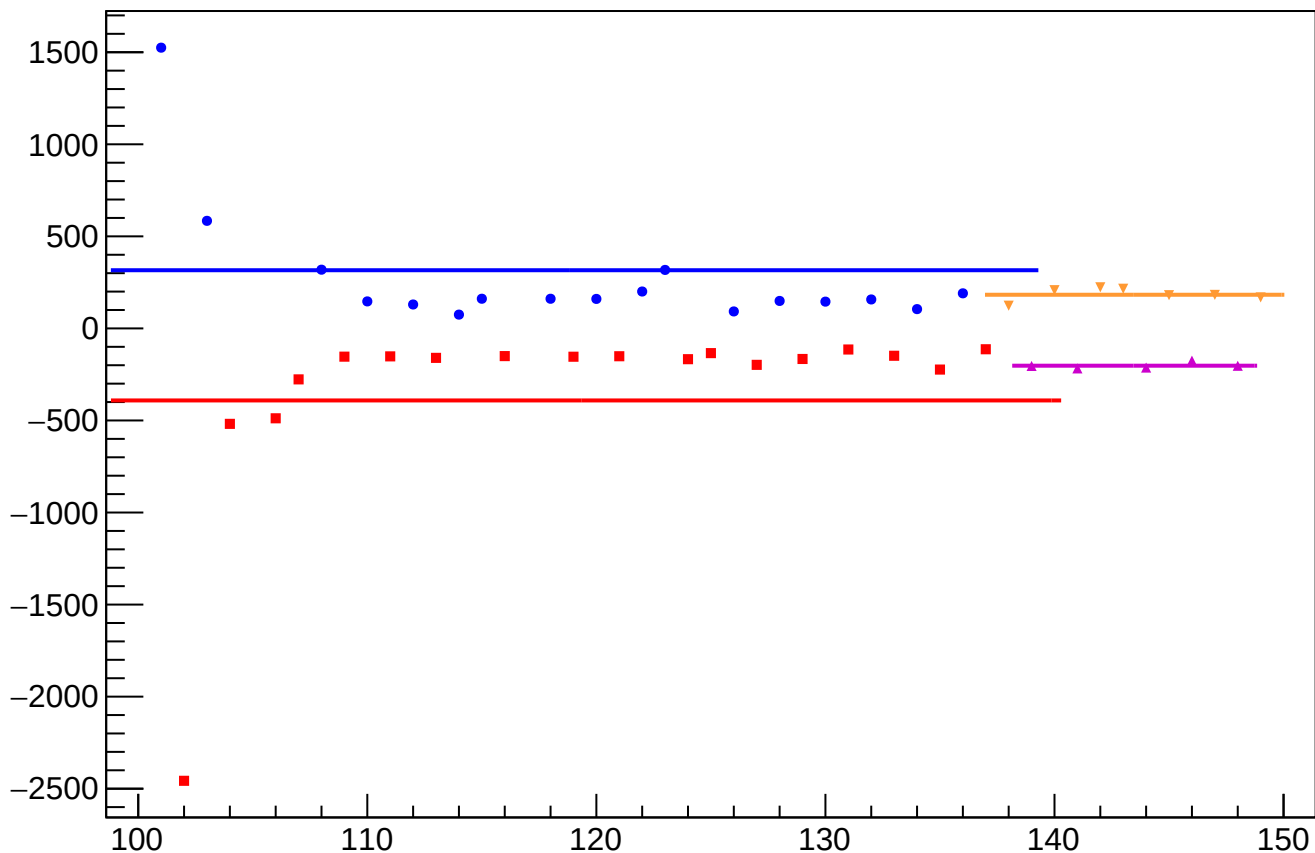
All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2171.584+/-0.000 χ^2/NDF : 1121481436711992505747608002078061887488.0/16
 Left Out: 4884.907+/-0.000 χ^2/NDF : 335980199385000094188959425602942664704.0/6
 Right Out: -2092.361+/-0.000 χ^2/NDF : 667441885377832140265043131761621467136.0/17
 Left In: -5282.012+/-0.000 χ^2/NDF : 77220422242311134611368601195298947072.0/4
 All: 122.862+/-0.000 χ^2/NDF : 325847592497

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 315.988+/-0.000

χ^2/NDF : 105245970043528229052885068868464148480.0/16

Left Out: 182.799+/-0.000

χ^2/NDF : 491040495133822312924968219559591936.0/6

Right Out: -391.241+/-0.000

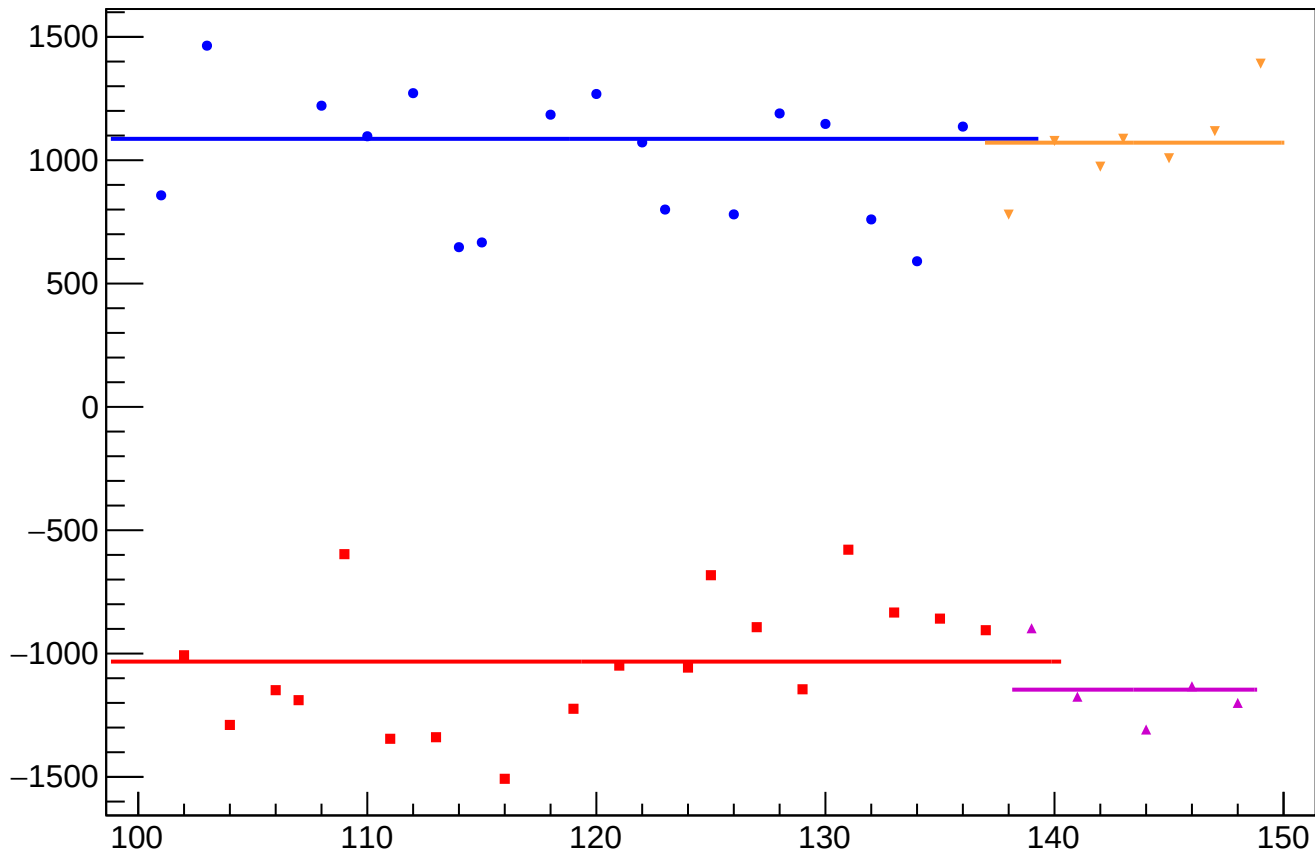
χ^2/NDF : 278615743451952201300141162839823876096.0/17

Left In: -202.549+/-0.000

χ^2/NDF : 90573529443921359208706325371420672.0/4

All: -22.244+/-0.000 χ^2/NDF : 596478176732

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

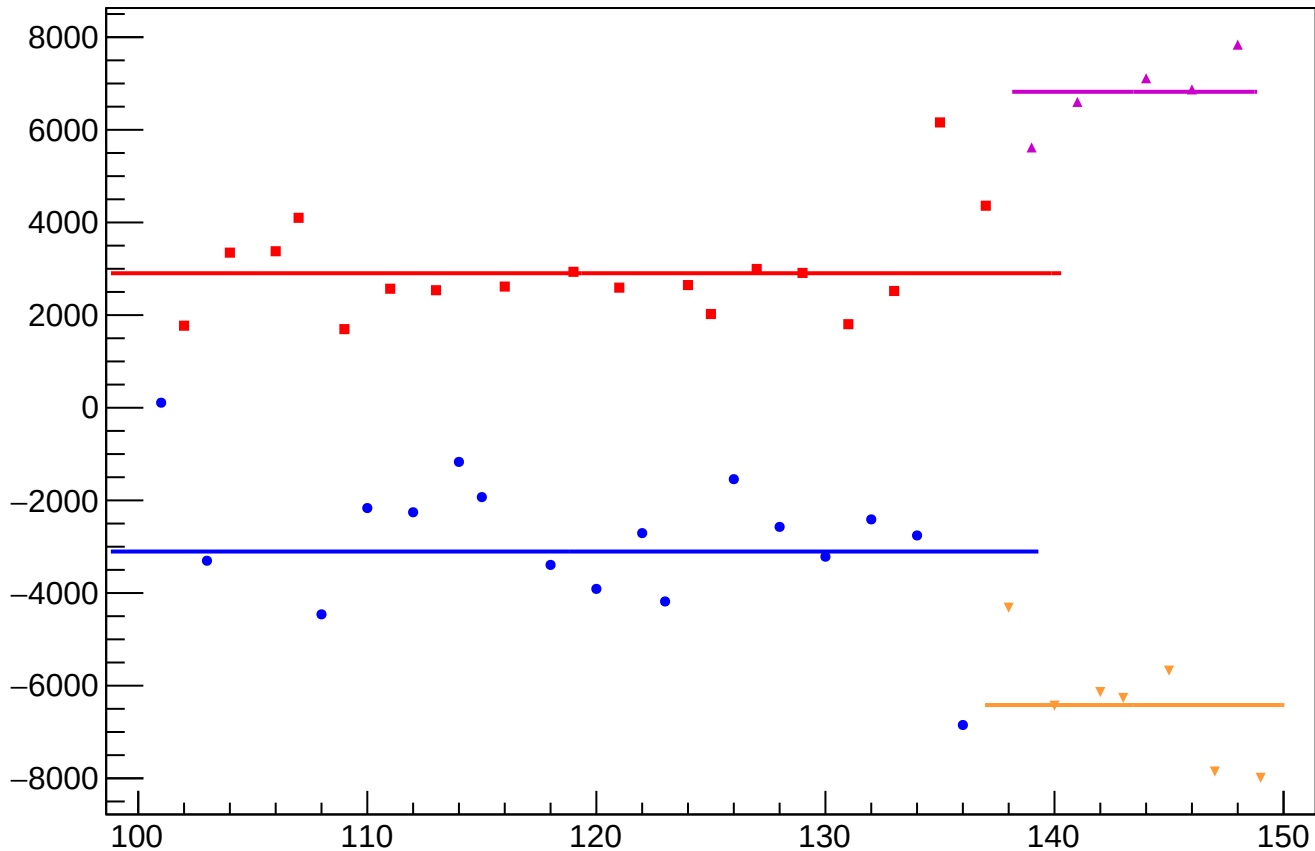
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3104.086+/-0.000

Left Out: -6418.091+/-0.000

Right Out: 2904.095+/-0.000

Left In: 6821.064+/-0.000

χ^2/NDF : 2219830093322908449503226232551283621888.0/16

χ^2/NDF : 760736805545292438793504937945203736576.0/6

χ^2/NDF : 863466592603439885705858083509569060864.0/17

χ^2/NDF : 215558018724336325903867658989463404544.0/4

Left: -442.772+/-0.000 χ^2/NDF : 415587925175823

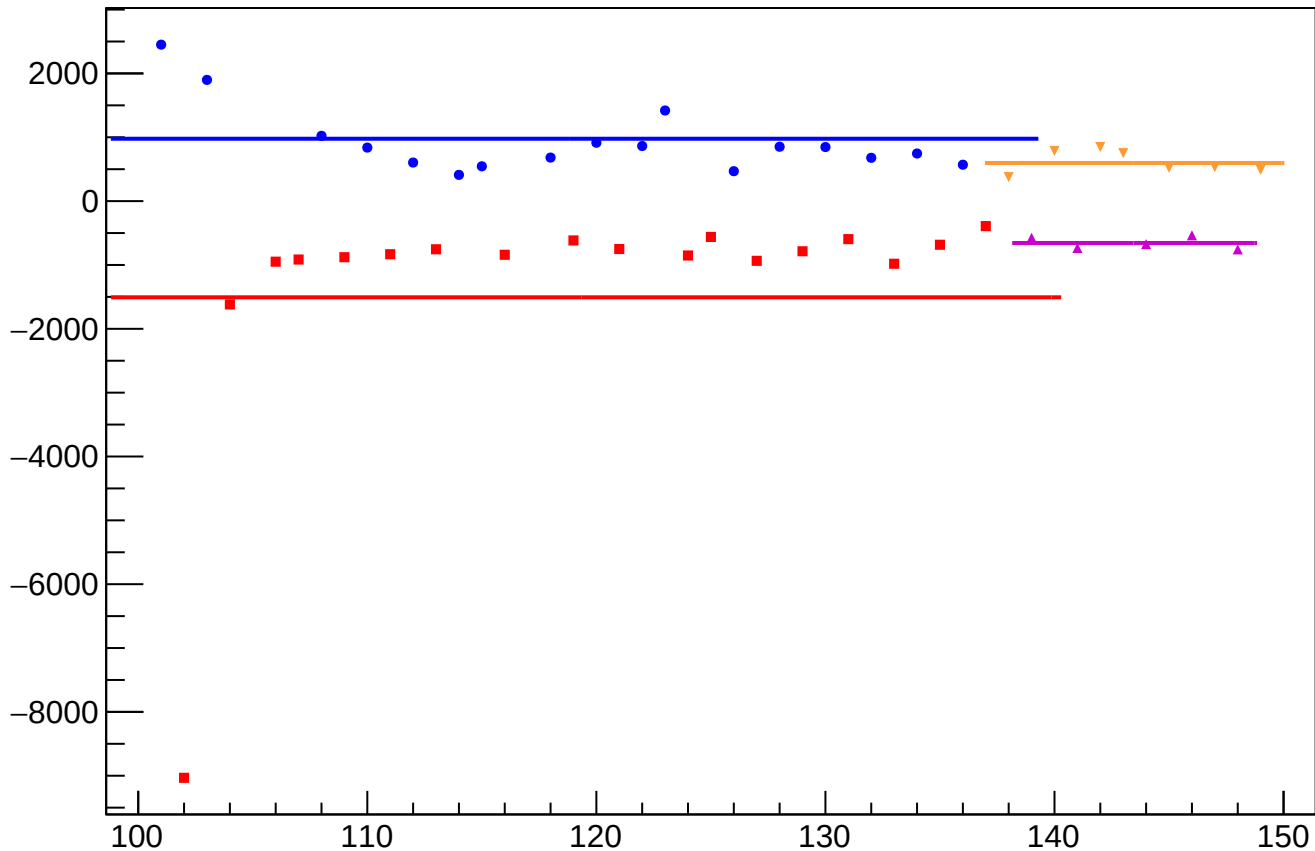
Right: -55.222+/-0.000 χ^2/NDF : 157960799748742

In: 648.972+/-0.000 χ^2/NDF : 2828666174321916

Out: -990.271+/-0.000 χ^2/NDF : 275815695314649

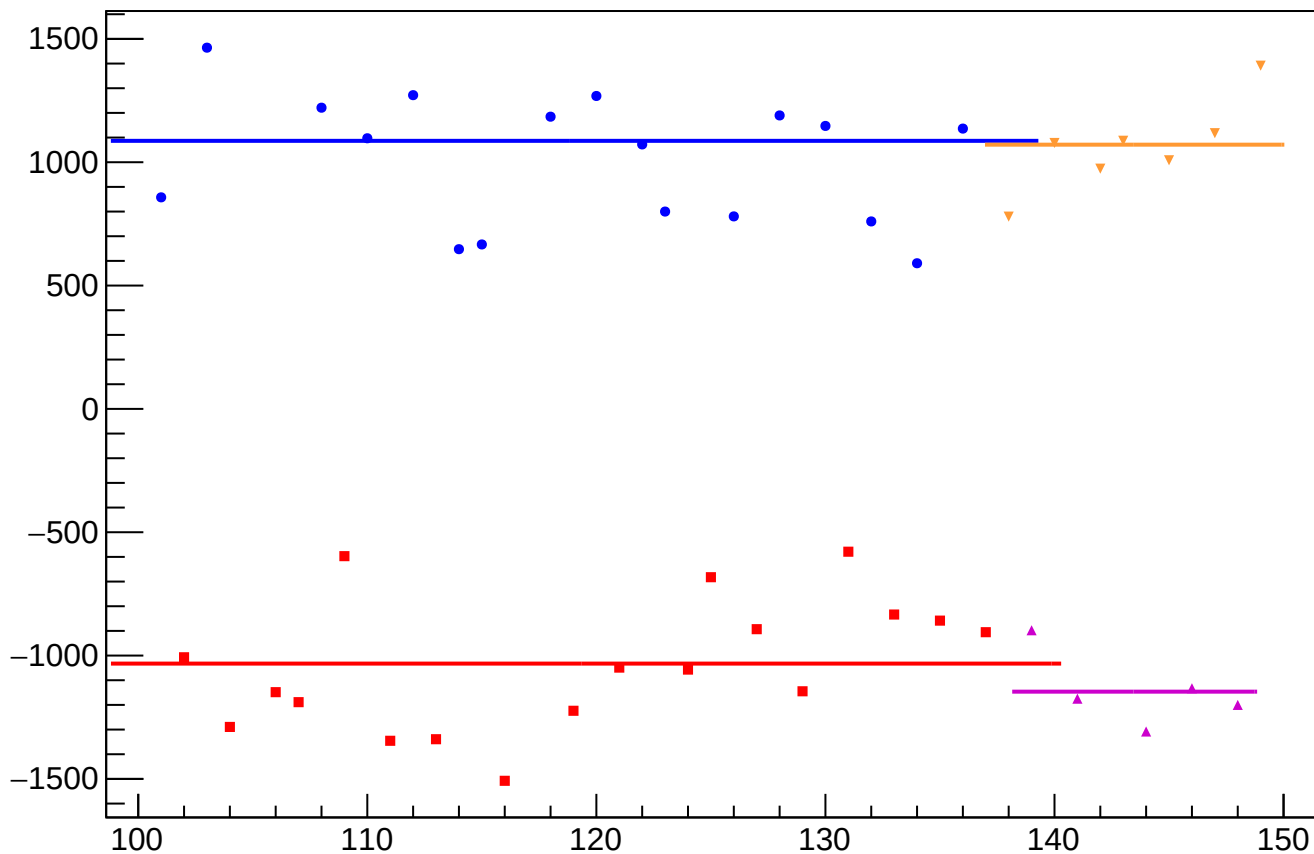
All: -209.812+/-0.000 χ^2/NDF : 57439287596

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 977.095 ± 0.000 $\chi^2/\text{NDF}: 229572106069348964280530708212477853696.0/16$
 Left Out: 597.372 ± 0.000 $\chi^2/\text{NDF}: 12938431669730660948393039161888604160.0/6$
 Right Out: -1506.543 ± 0.000 $\chi^2/\text{NDF}: 3621204096431683433019783695973291655168.0/17$
 Left In: -655.607 ± 0.000 $\chi^2/\text{NDF}: 3122126662171104580652915415033315328.0/4$
 All: -157.546 ± 0.000 $\chi^2/\text{NDF}: 64584940414$

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

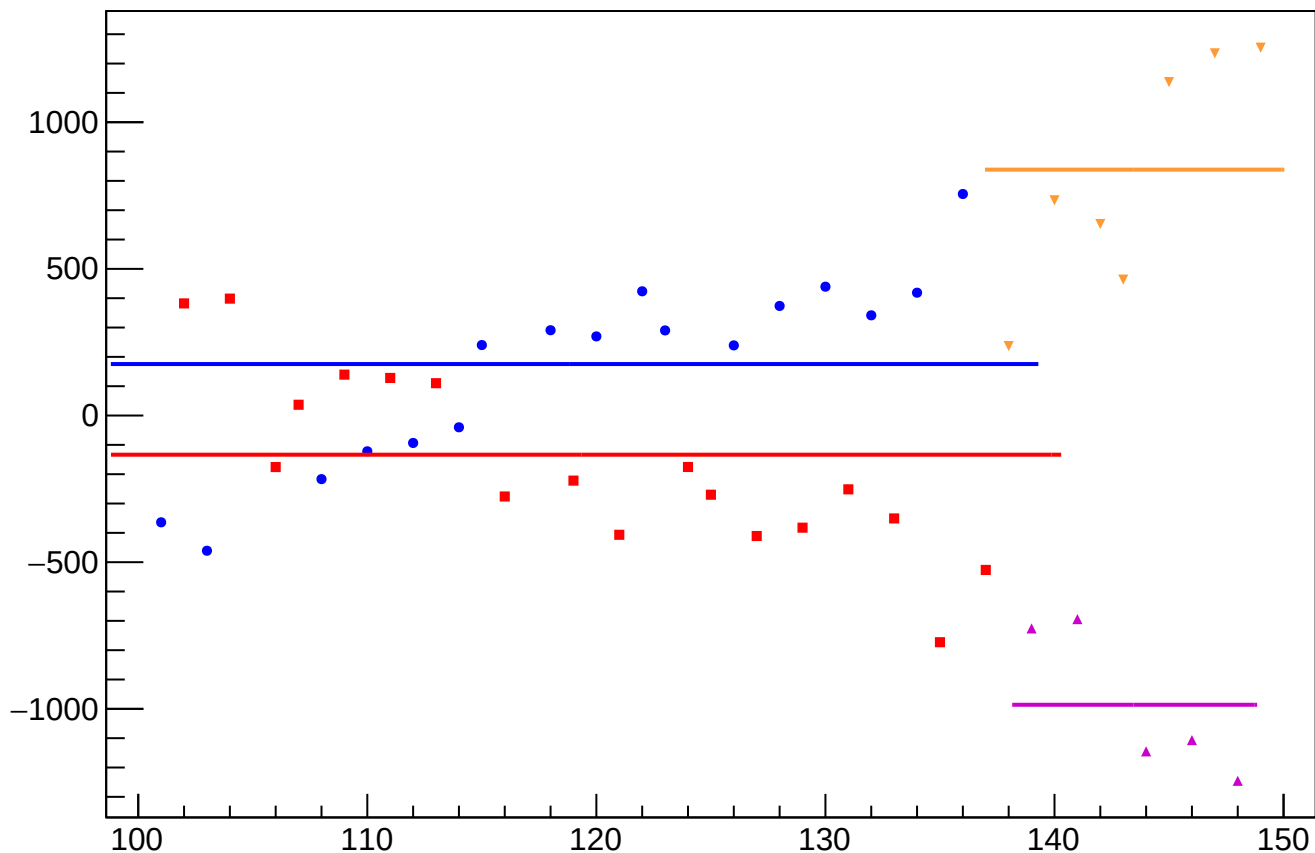
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

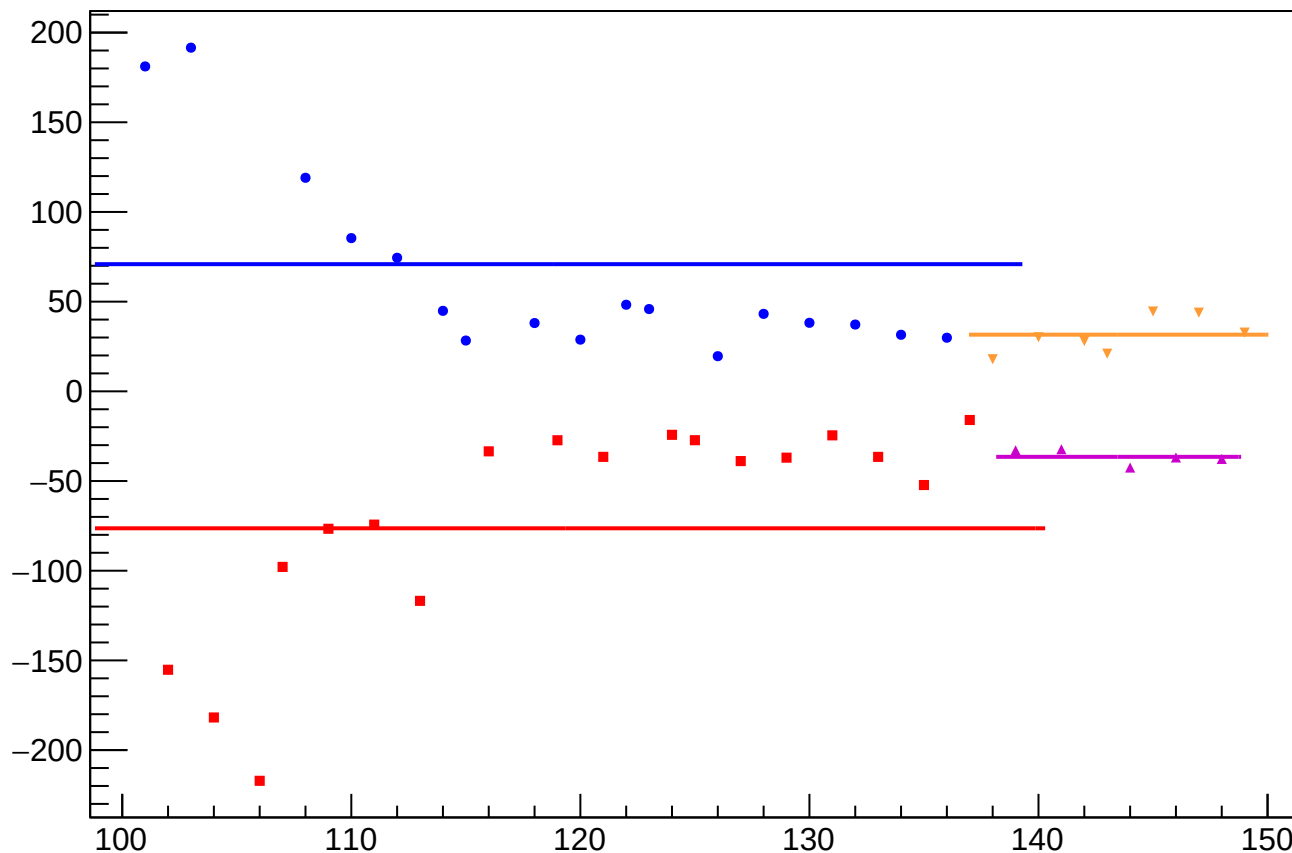
All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_sam1_coil3_mean vs Slug, Sign Corrected



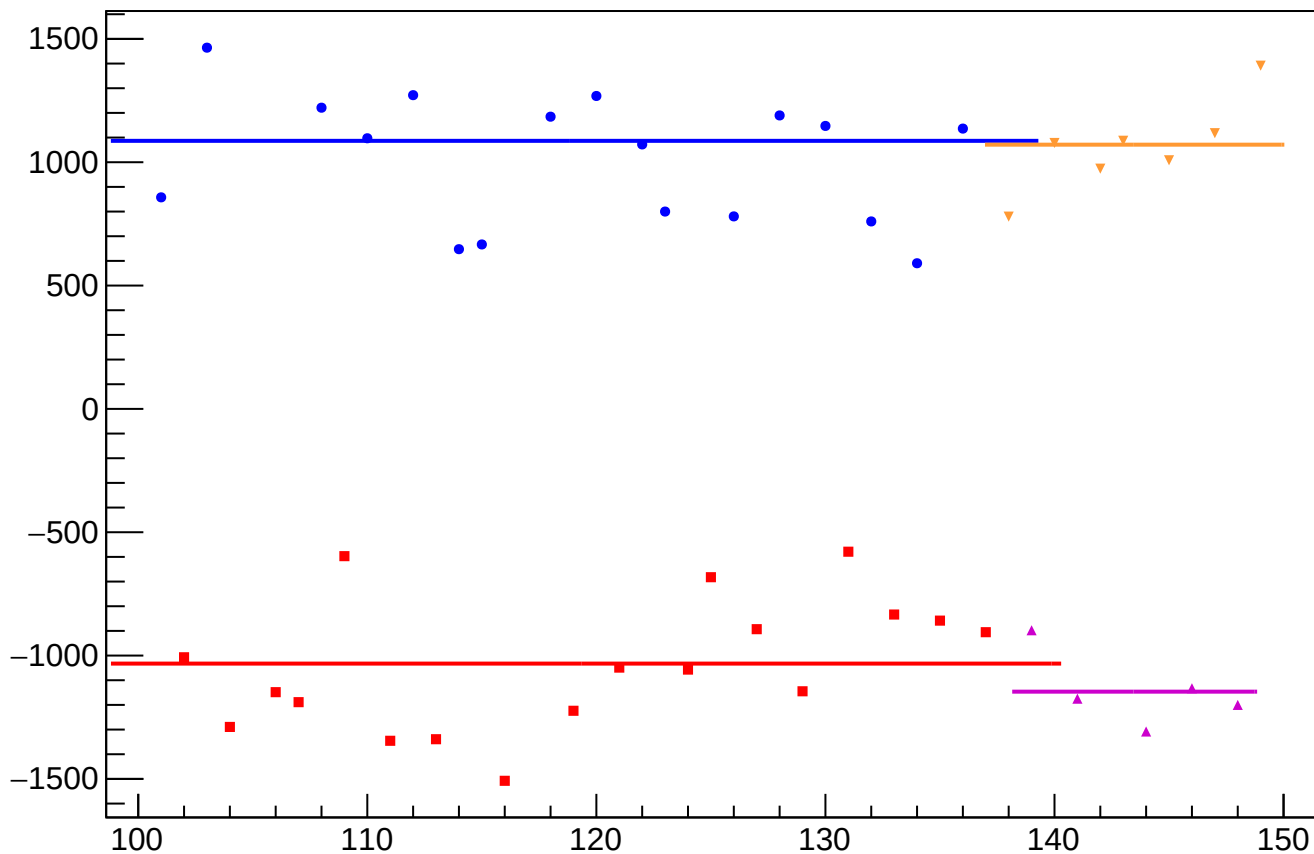
Left: 14.901 +/- 0.000 χ^2/NDF : 86635599221457669
 Right: 18.704 +/- 0.000 χ^2/NDF : 2053948365154779
 In: -263.721 +/- 0.000 χ^2/NDF : 4716731521099789
 Out: 272.474 +/- 0.000 χ^2/NDF : 4319928375067887
 All: 17.187 +/- 0.000 χ^2/NDF : 1071758955510

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



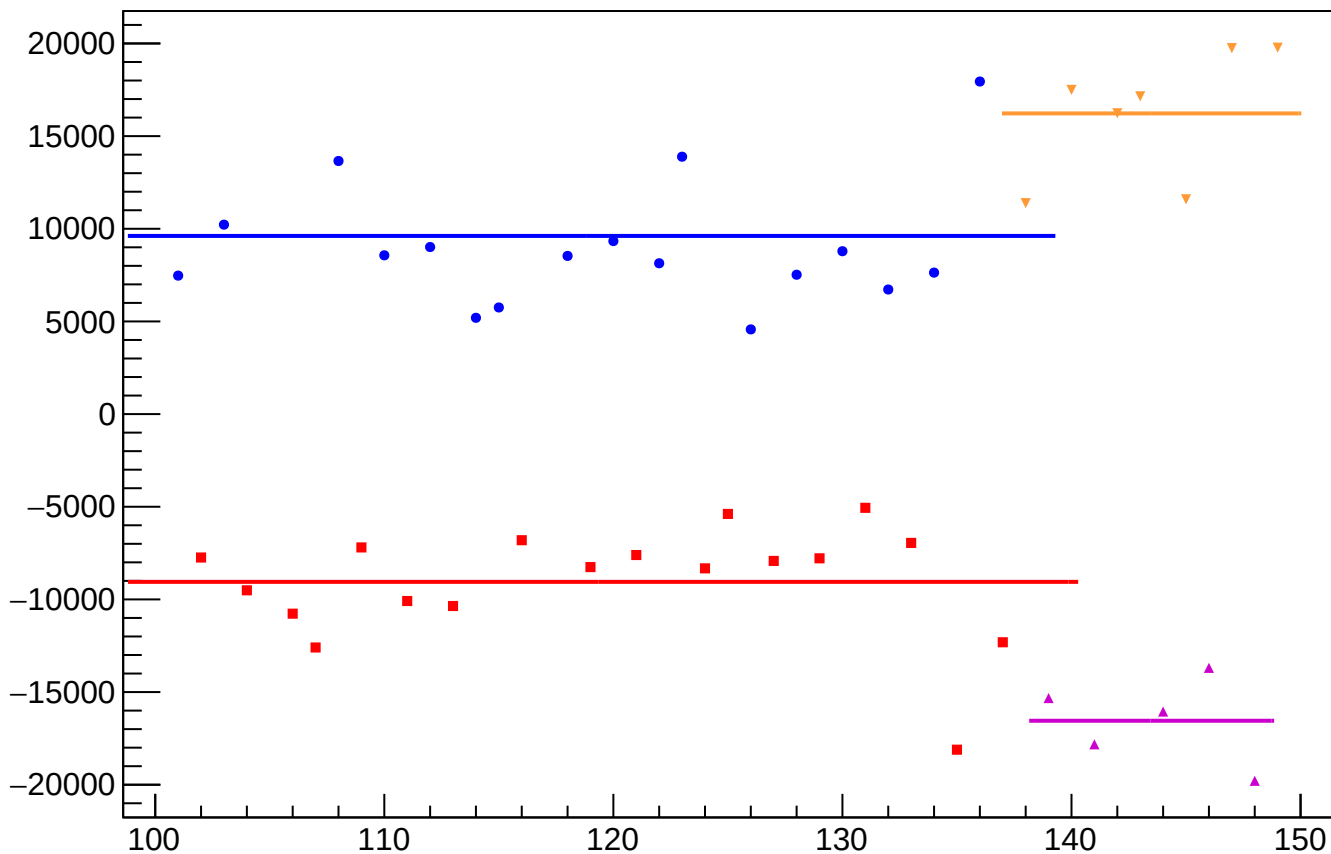
Right In: 70.892 $\pm$ 0.000 χ^2 /NDF: 2275734493854200628376973265629872128.0/16
 Left Out: 31.590 $\pm$ 0.000 χ^2 /NDF: 47761803678733289364579429470175232.0/6
 Right Out: -76.360 $\pm$ 0.000 χ^2 /NDF: 2382375226603203691068269213188620288.0/17
 Left In: -36.520 $\pm$ 0.000 χ^2 /NDF: 5917730268671565126969548420939776.0/4
 All: -1.964 $\pm$ 0.000 χ^2 /NDF: 1343438954969

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



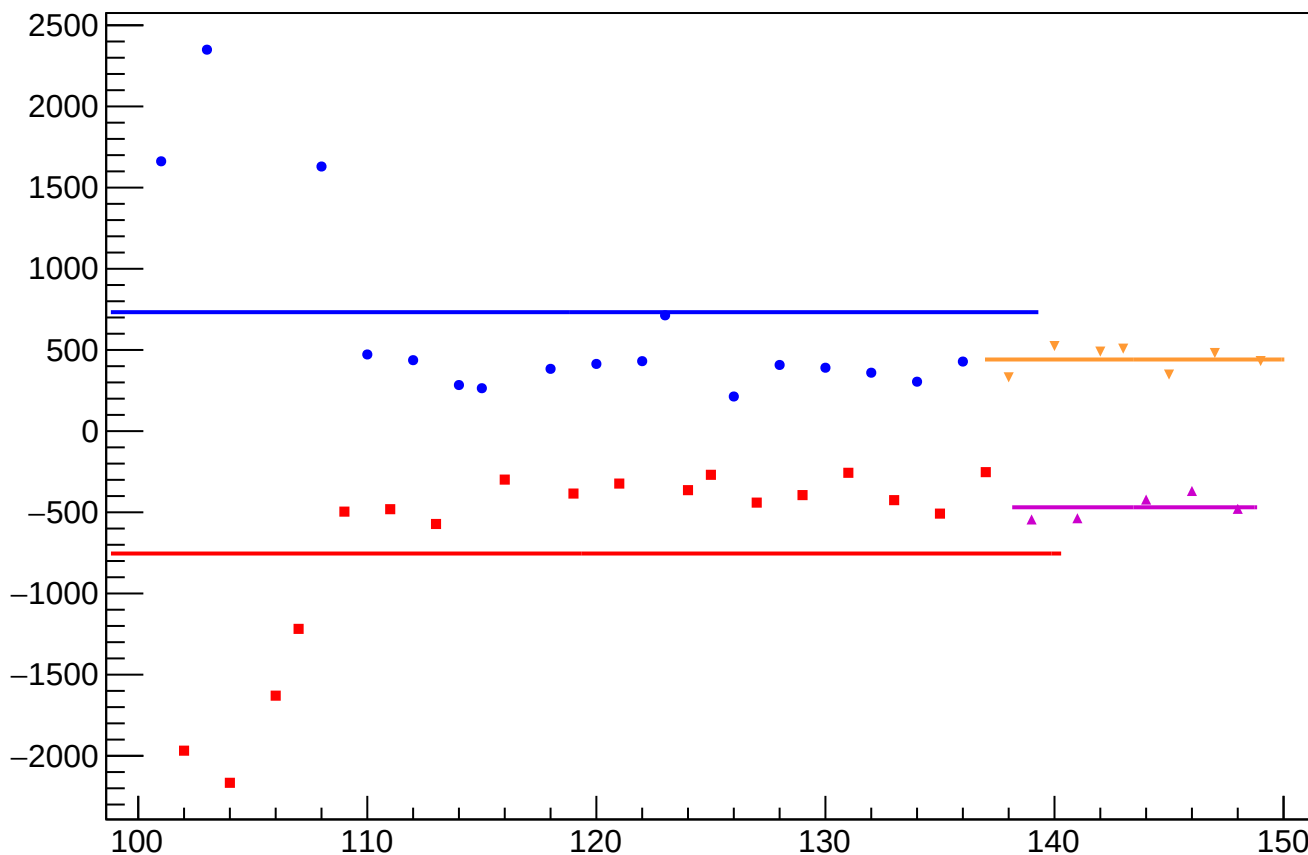
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1071.175+/-0.000 χ^2/NDF : 16188801215723423756894148093057957888.0/6
 Right Out: -1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: -1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4
 All: 34.840+/-0.000 χ^2/NDF : 2828233902475

dit_sam2_coil3_mean vs Slug, Sign Corrected



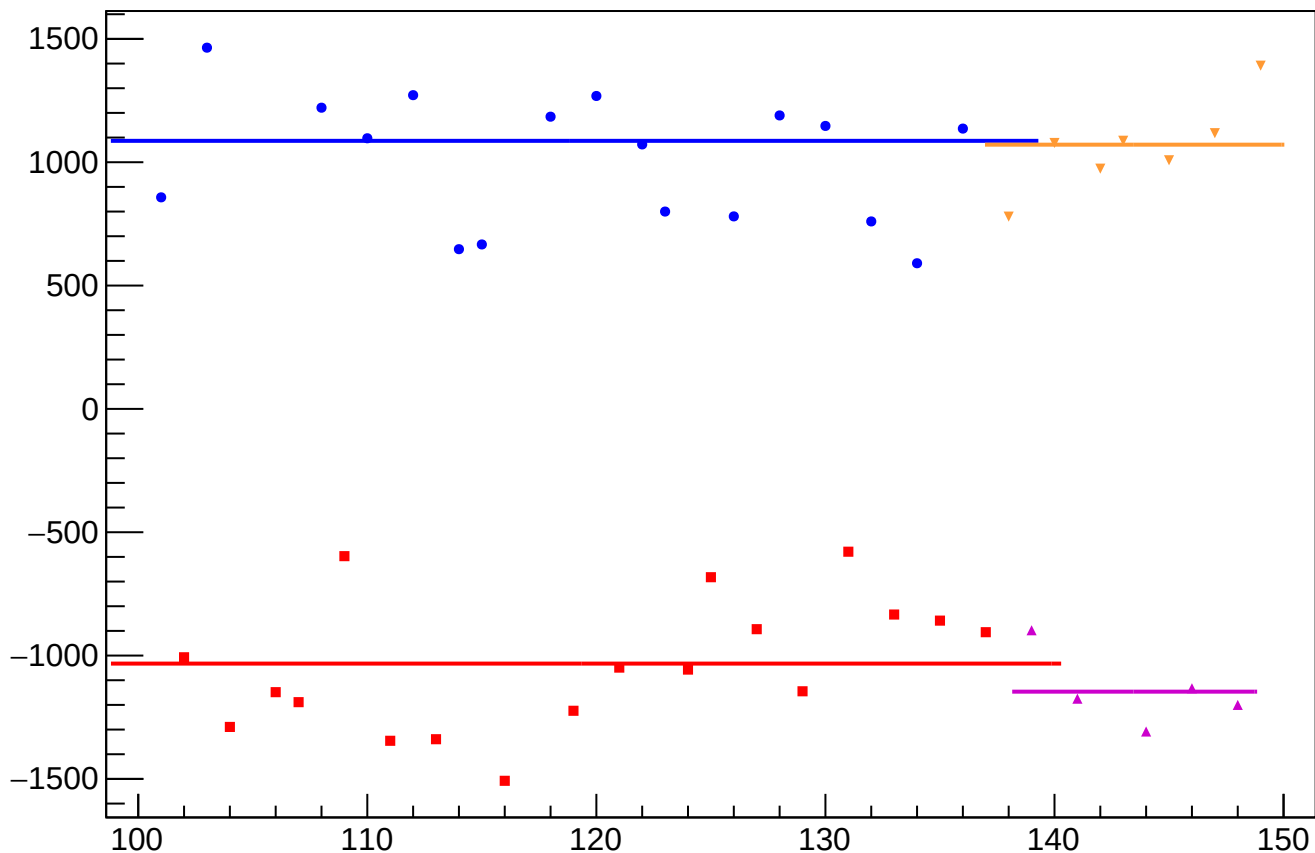
Right In: 9614.932 $\pm$ 0.000 χ^2 /NDF: 9450588438014082769578324832201526476800.0/16
 Left Out: 16225.285 $\pm$ 0.000 χ^2 /NDF: 5718764886655145335535076473505761460224.0/6
 Right Out: -9052.441 $\pm$ 0.000 χ^2 /NDF: 6723672544856808135538254172135519944704.0/17
 Left In: -16547.963 $\pm$ 0.000 χ^2 /NDF: 1839079813159045266677150394225669439488.0/4
 All: 657.252 $\pm$ 0.000 χ^2 /NDF: 396080307602

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



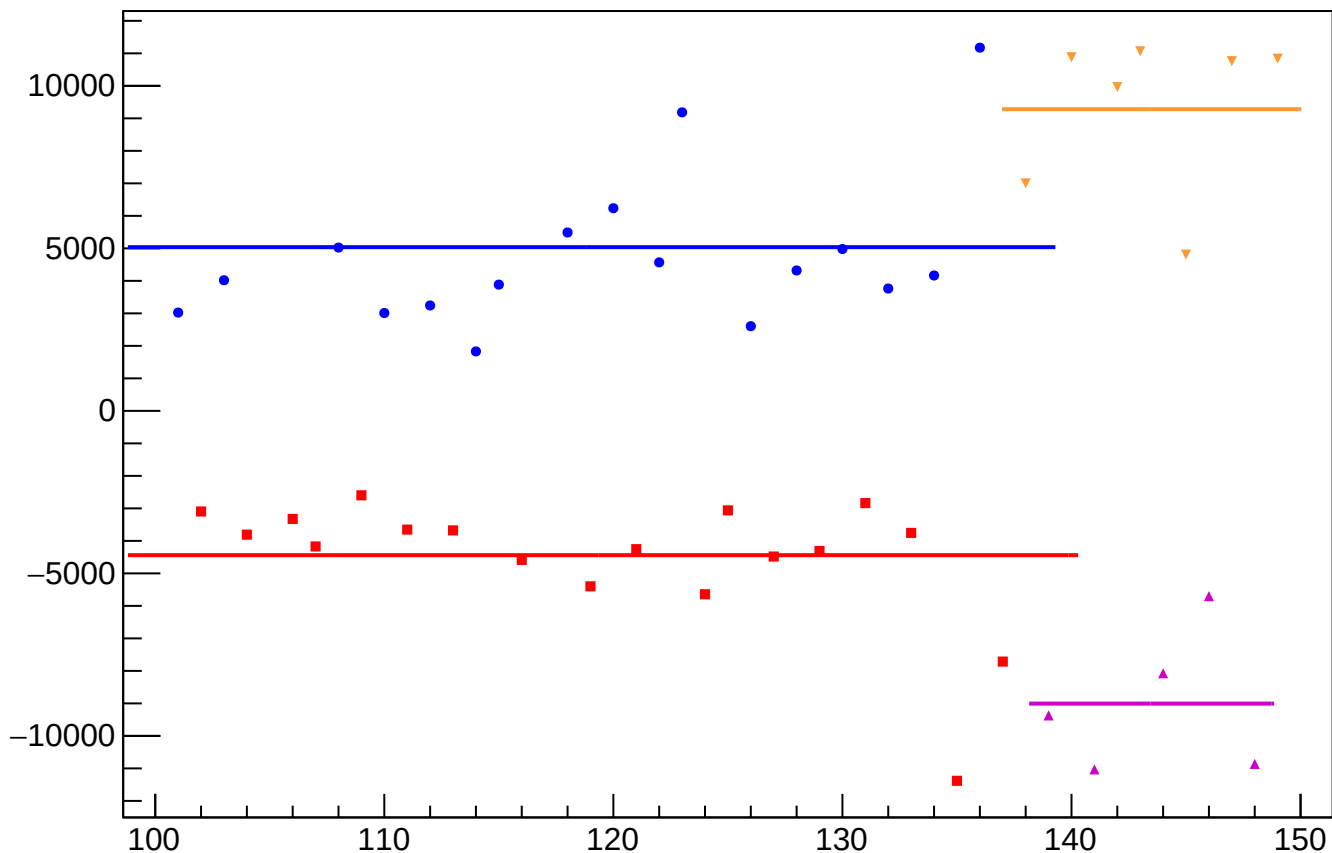
Right In: 732.742 $\pm$ 0.000 χ^2 /NDF: 301740459340268060292037793871684435968.0/16
 Left Out: 441.232 $\pm$ 0.000 χ^2 /NDF: 2715371773361732689882674915010674688.0/6
 Right Out: -753.888 $\pm$ 0.000 χ^2 /NDF: 288199108578840040054796930815893700608.0/17
 Left In: -469.101 $\pm$ 0.000 χ^2 /NDF: 1888407673536188360711457941133197312.0/4
 All: -0.903 $\pm$ 0.000 χ^2 /NDF: 1566263274842

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



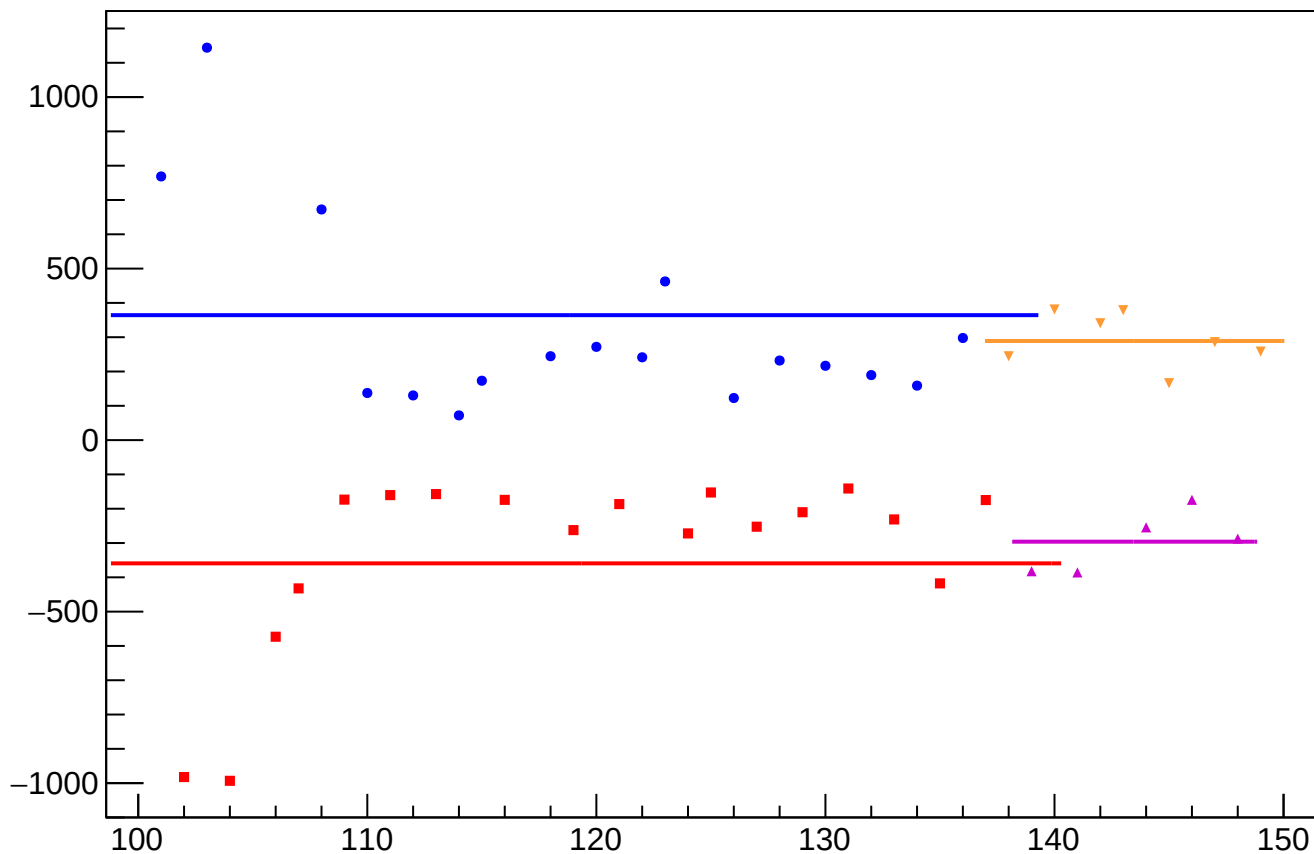
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1071.175+/-0.000 χ^2/NDF : 16188801215723423756894148093057957888.0/6
 Right Out: -1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: -1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4
 All: 34.840+/-0.000 χ^2/NDF : 2828233902475

dit_sam3_coil3_mean vs Slug, Sign Corrected



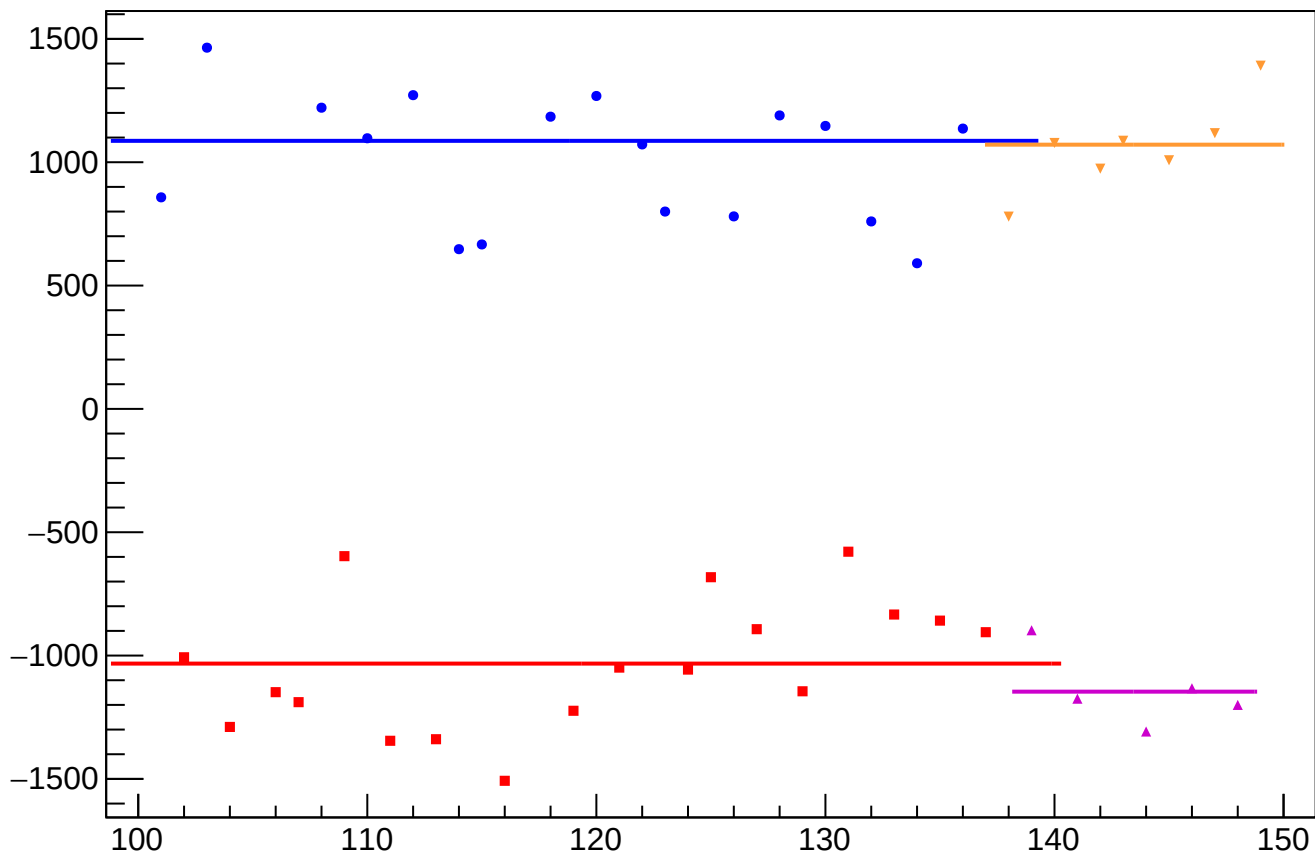
Right In: 5037.073+/-0.000 χ^2/NDF : 4548828903802726251449084375770641465344.0/16
 Left Out: 9282.801+/-0.000 χ^2/NDF : 2784218896859675063487410954809456459776.0/6
 Right Out: -4439.378+/-0.000 χ^2/NDF : 3162947435976288372848793793706623762432.0/17
 Left In: -9006.274+/-0.000 χ^2/NDF : 1632387528574363842298850141615092137984.0/4
 All: 547.356+/-0.000 χ^2/NDF : 121560728393

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 364.277 +/- 0.000 χ^2/NDF : 63824164232416453329464402315619336192.0/16
 Left Out: 288.978 +/- 0.000 χ^2/NDF : 2771533049933221435438354669949157376.0/6
 Right Out: -359.283 +/- 0.000 χ^2/NDF : 58838911094170702852650084457083043840.0/17
 Left In: -296.099 +/- 0.000 χ^2/NDF : 2682459712084925647738338394868023296.0/4
 All: 8.197 +/- 0.000 χ^2/NDF : 39218514638163

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

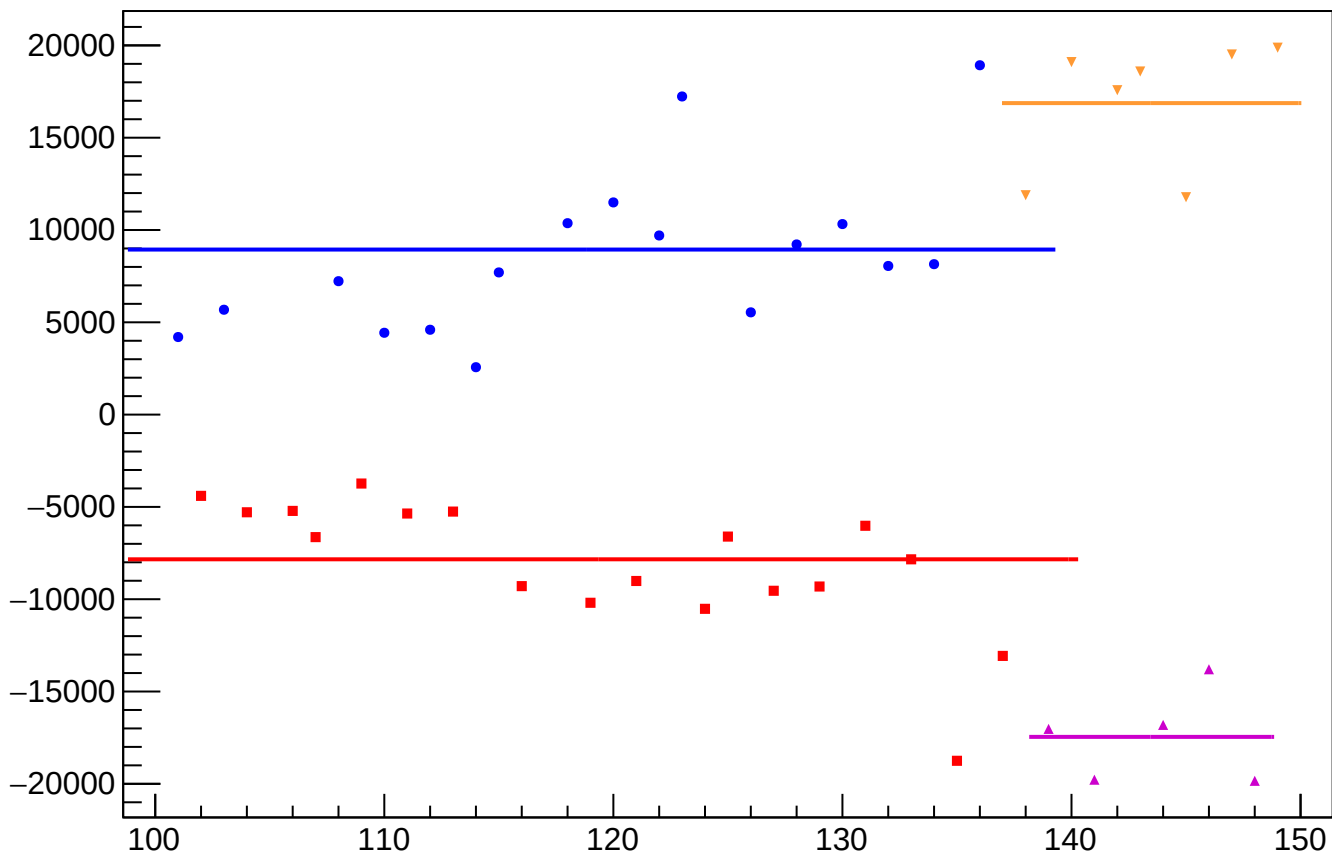
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

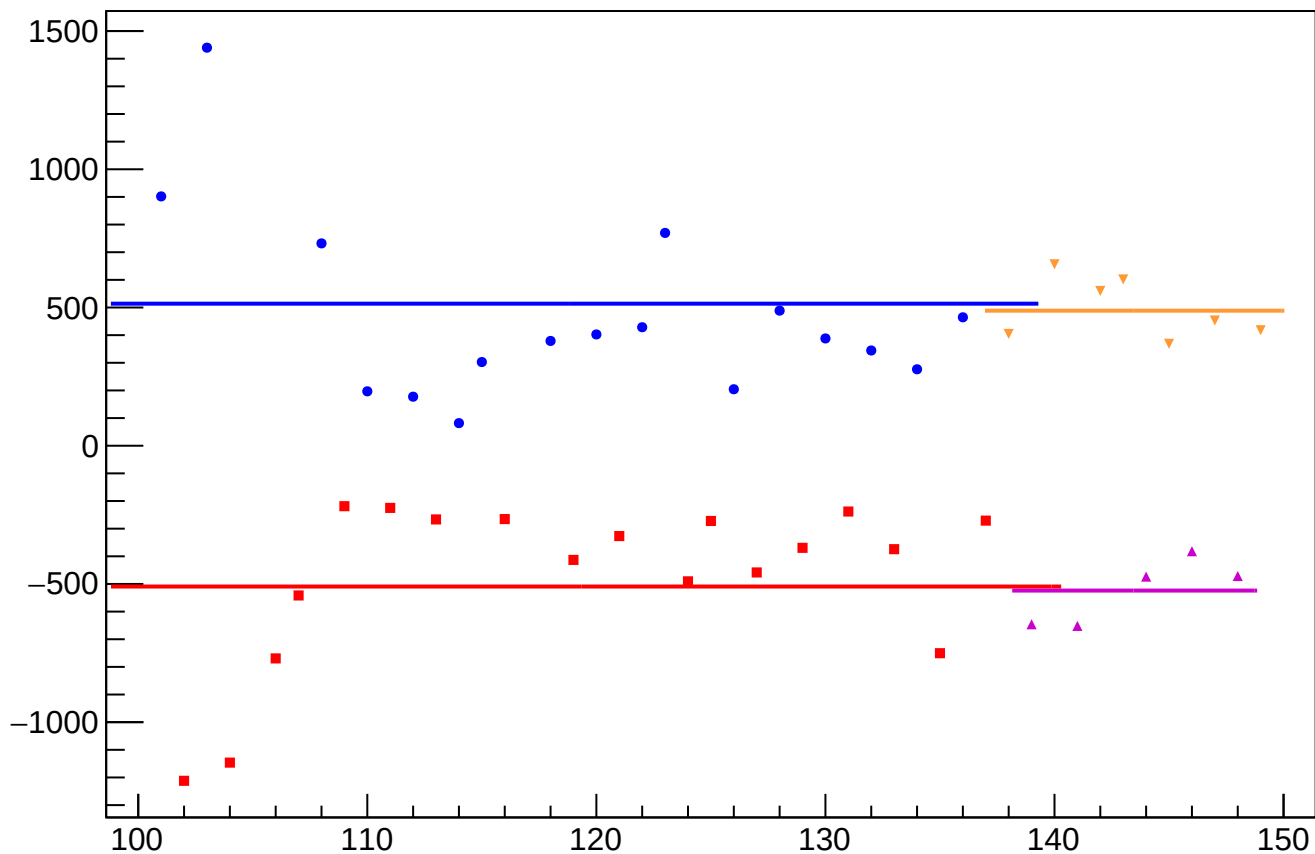
All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 8940.709 $\pm$ 0.000 χ^2 /NDF: 14252298982323079680975069701388839682048.0/16
 Left Out: 16873.936 $\pm$ 0.000 χ^2 /NDF: 5892389894787249096029372526179869786112.0/6
 Right Out: -7838.226 $\pm$ 0.000 χ^2 /NDF: 9846913896882704140251290027429415878656.0/17
 Left In: -17457.136 $\pm$ 0.000 χ^2 /NDF: 2099098151768275644498204411944604008448.0/4
 All: 806.288 $\pm$ 0.000 χ^2 /NDF: 404642169564

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 513.843+/-0.000

χ^2/NDF : 82523650579604289792107532326249955328.0/16

Left Out: 488.514+/-0.000

χ^2/NDF : 5591296033684434146104923177871212544.0/6

Right Out: -509.362+/-0.000

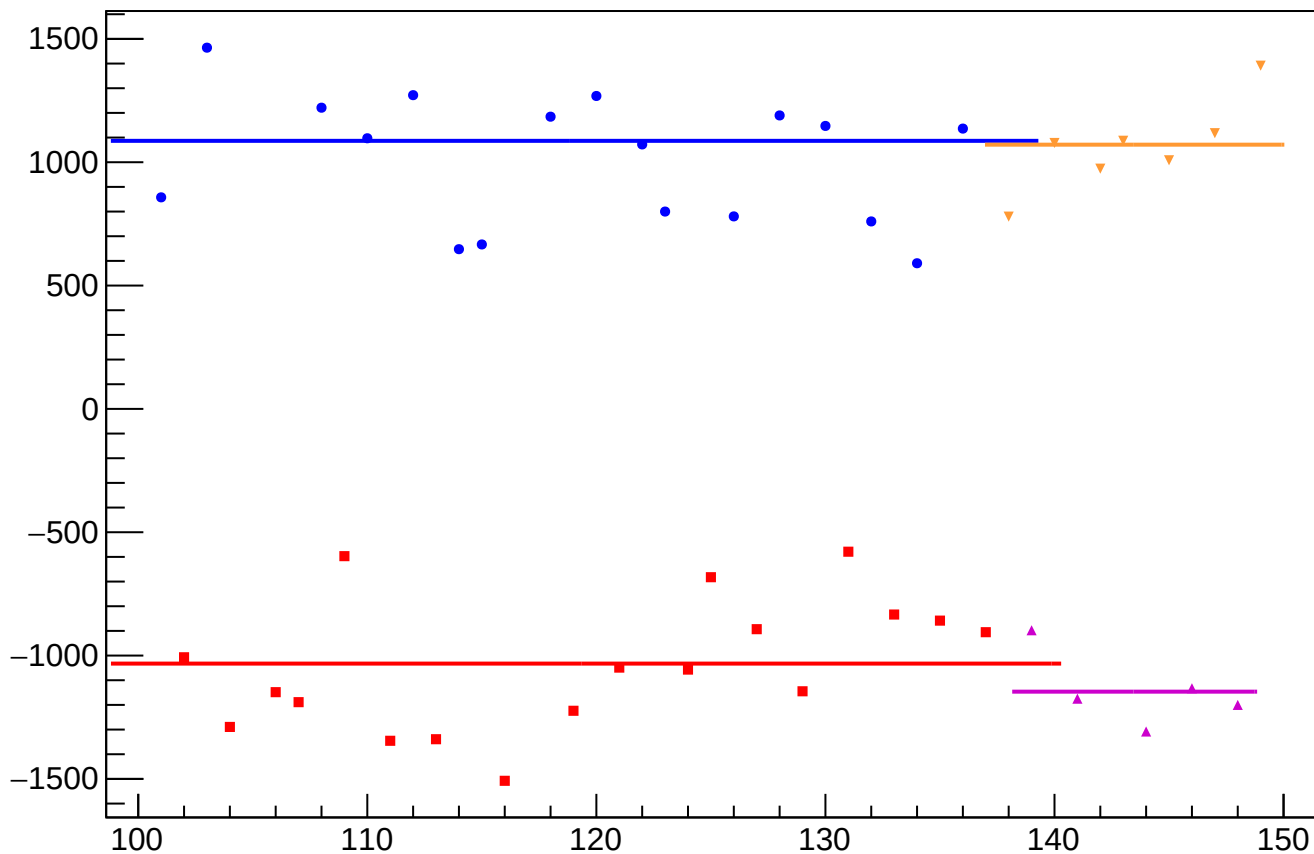
χ^2/NDF : 75678926781858707627162203023281750016.0/17

Left In: -523.950+/-0.000

χ^2/NDF : 4733142128105514356059878465648721920.0/4

All: 9.349+/-0.000 χ^2/NDF : 77534308824498

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

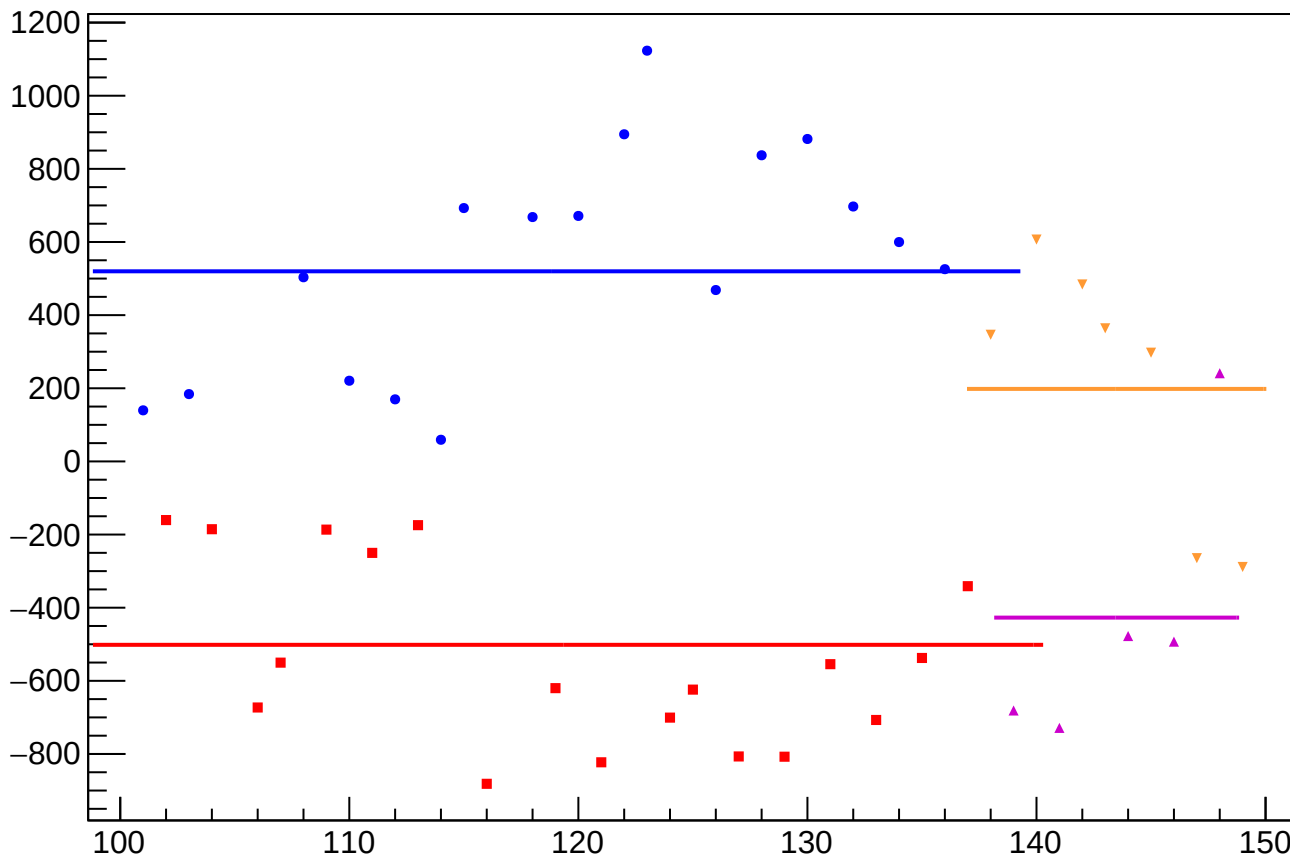
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

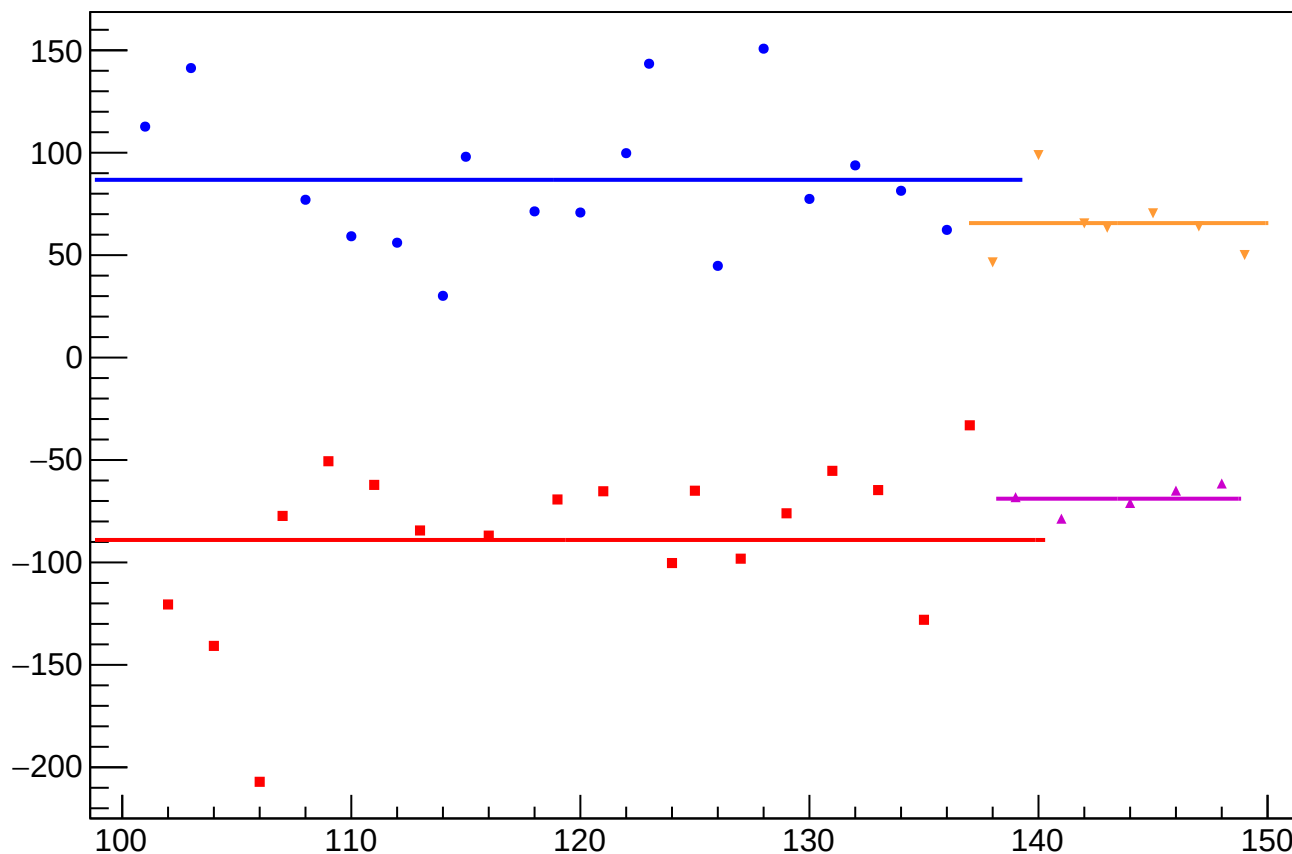
All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_sam5_coil3_mean vs Slug, Sign Corrected



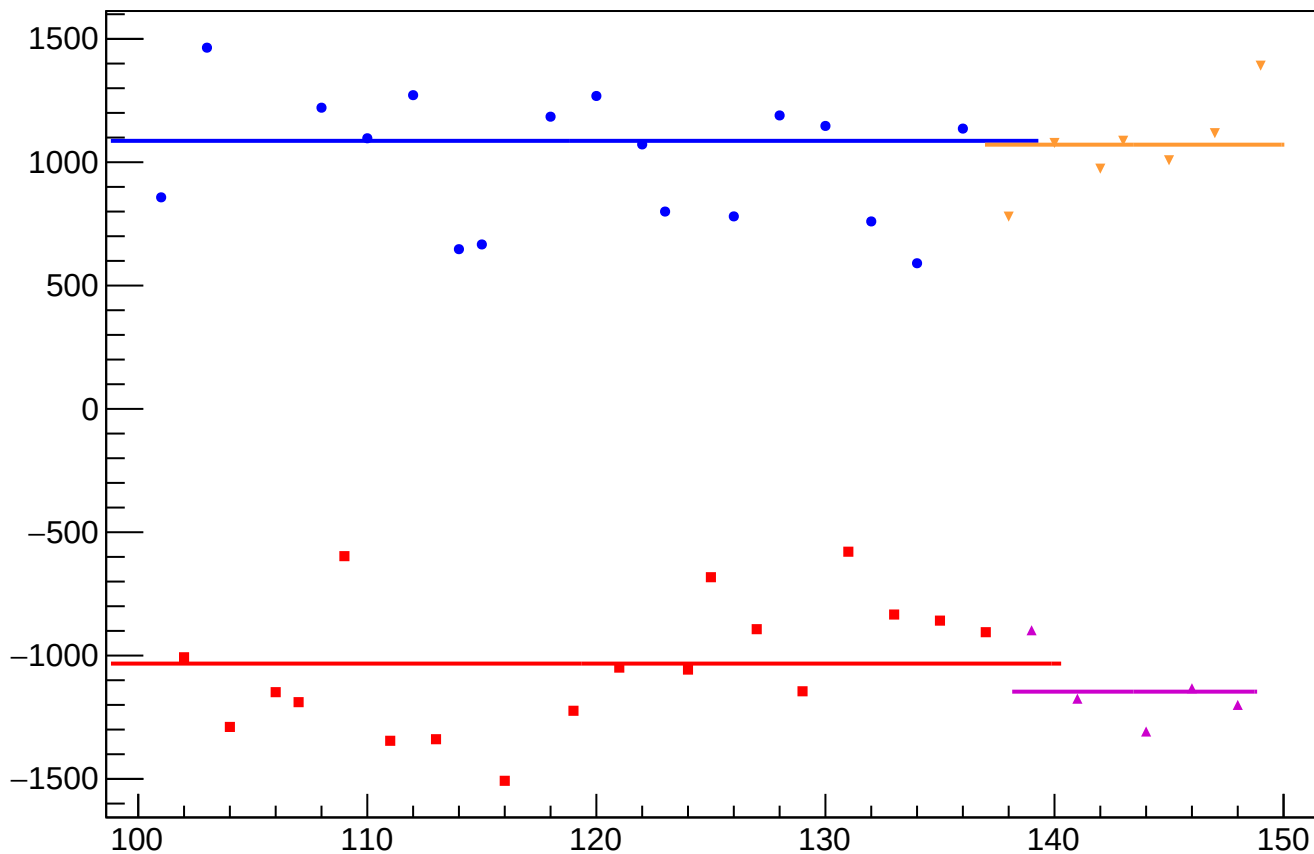
Right In: 519.845+/-0.000 χ^2/NDF : 50391712122122241983004017290687545344.0/16
 Left Out: 198.286+/-0.000 χ^2/NDF : 58365972041572245382535216474586349568.0/6
 Right Out: -501.527+/-0.000 χ^2/NDF : 45593938816418547057443342639695921152.0/17
 Left In: -427.119+/-0.000 χ^2/NDF : 51047414706211602807522334753236713472.0/4
 All: -32.569+/-0.000 χ^2/NDF : 667457536525

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 86.768 $\pm$ 0.000 χ^2 /NDF: 727044528904958232730586242846031872.0/16
 Left Out: 65.646 $\pm$ 0.000 χ^2 /NDF: 141767976882783646206477506487255040.0/6
 Right Out: -89.028 $\pm$ 0.000 χ^2 /NDF: 1014702057025769592460755223634247680.0/17
 Left In: -68.887 $\pm$ 0.000 χ^2 /NDF: 14422755605318996449134380920602624.0/4
 All: 0.498 $\pm$ 0.000 χ^2 /NDF: 17002667399186

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16

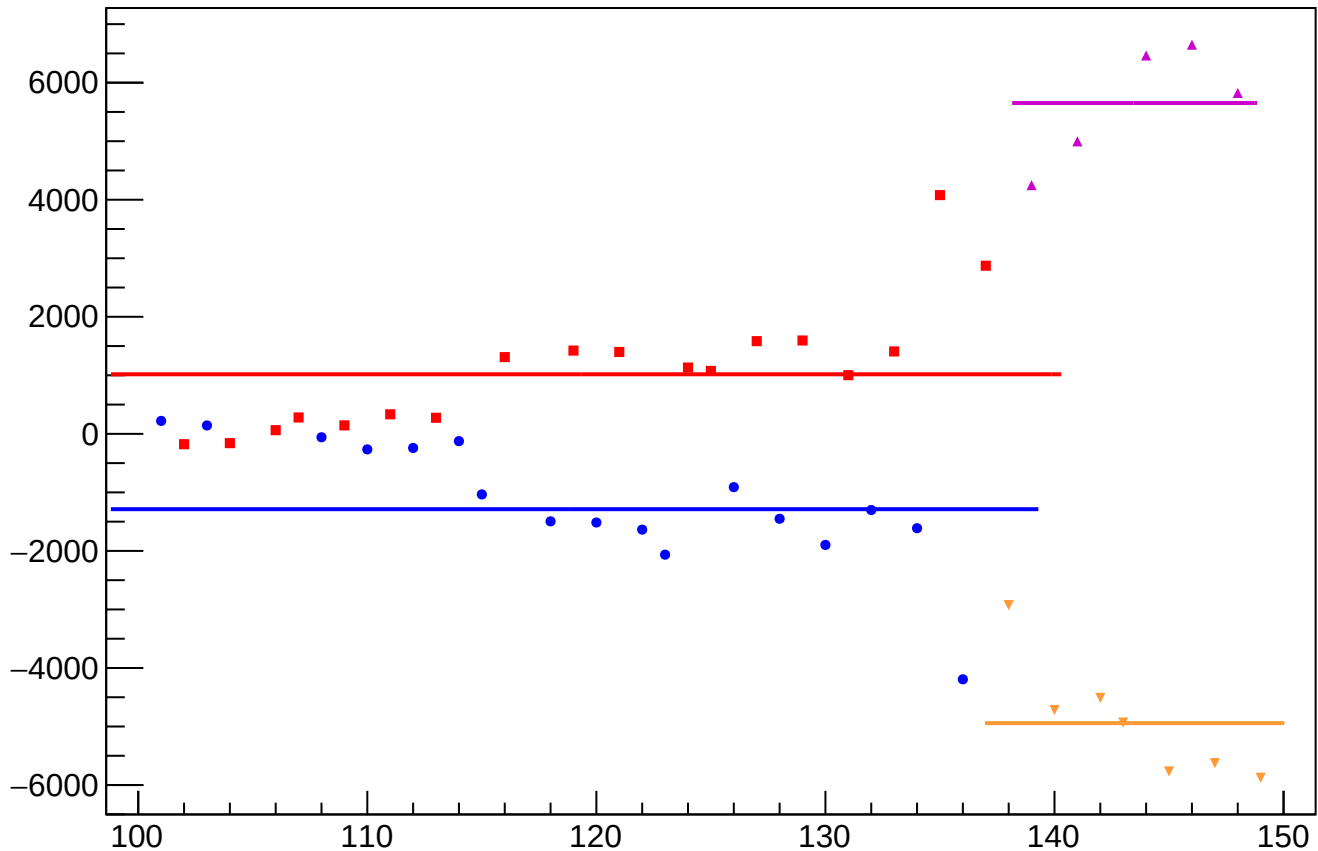
Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16

In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16

Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16

All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1287.018+/-0.000

Left Out: -4942.262+/-0.000

Right Out: 1017.680+/-0.000

Left In: 5652.871+/-0.000

χ^2/NDF : 1204676715439313496734702006985495150592.0/16

χ^2/NDF : 492602216038796953001554120727058186240.0/6

χ^2/NDF : 852354346622995689266162288487263371264.0/17

χ^2/NDF : 339445456862814826522426347441606361088.0/4

Left: -160.288+/-0.000 χ^2/NDF : 268235279657573

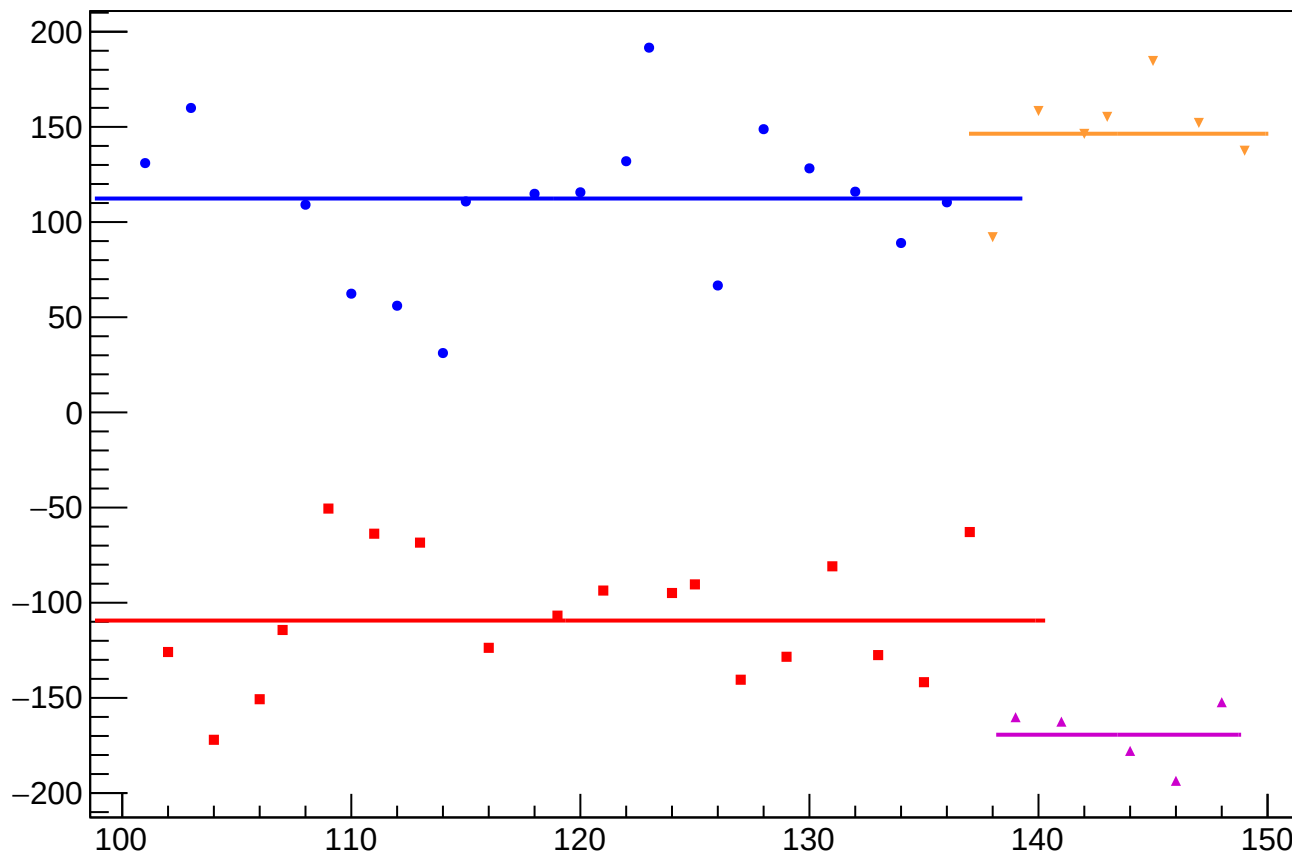
Right: -117.494+/-0.000 χ^2/NDF : 39276379731523

In: 1337.205+/-0.000 χ^2/NDF : 1418312208082546

Out: -1472.100+/-0.000 χ^2/NDF : 11954804021021

All: -134.564+/-0.000 χ^2/NDF : 30752195198

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 112.364+/-0.000 χ^2/NDF : 704132882376699060399654305188020224.0/16

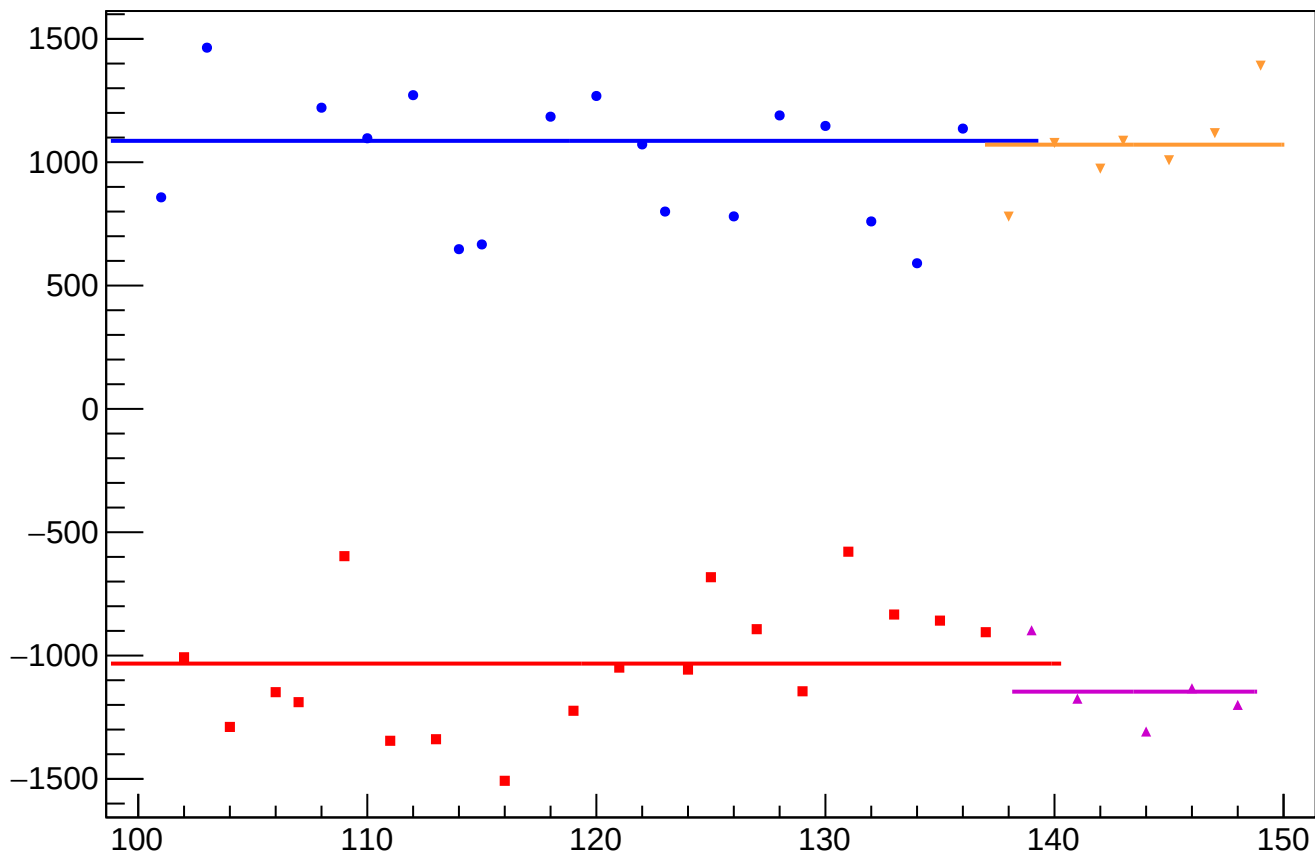
Left Out: 146.412+/-0.000 χ^2/NDF : 370641548194439039478527104940769280.0/6

Right Out: -109.364+/-0.000 χ^2/NDF : 838845293661778137888588246433136640.0/17

Left In: -169.343+/-0.000 χ^2/NDF : 90471804630965171778875948477186048.0/4

All: 1.464+/-0.000 χ^2/NDF : 42411487605794

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000

χ^2/NDF : 34612834720892896264590202148866752512.0/16

Left Out: 1071.175+/-0.000

χ^2/NDF : 16188801215723423756894148093057957888.0/6

Right Out: -1032.544+/-0.000

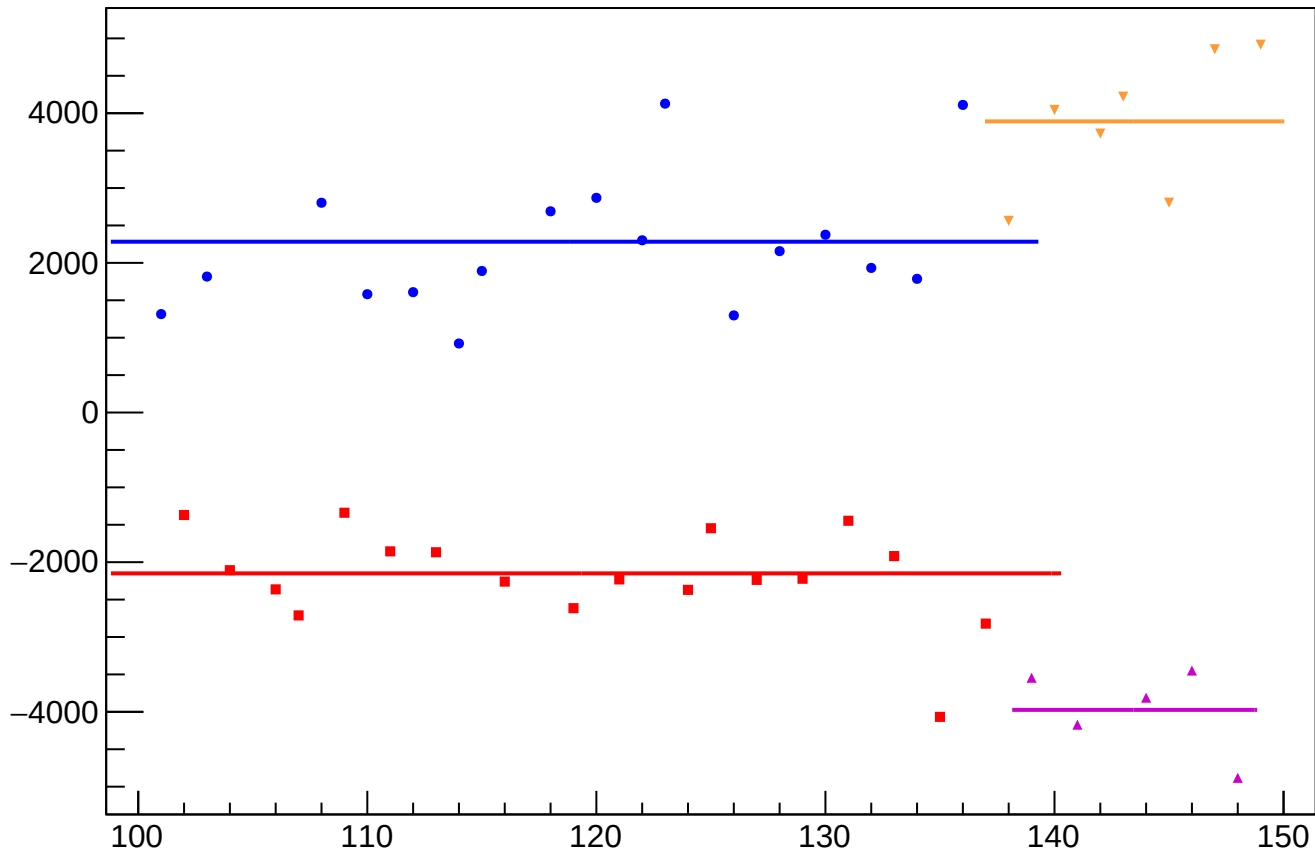
χ^2/NDF : 47614887029691398867923382029973979136.0/17

Left In: -1146.318+/-0.000

χ^2/NDF : 7667838085018963465489236626497339392.0/4

Left: 70.339+/-0.000 χ^2/NDF : 11623820031651111.0/16
 Right: 11.282+/-0.000 χ^2/NDF : 1663891694726158.0/16
 In: 242.312+/-0.000 χ^2/NDF : 13508292936003523.0/16
 Out: -153.710+/-0.000 χ^2/NDF : 138571008146743.0/16
 All: 34.840+/-0.000 χ^2/NDF : 2828233902475.0/16

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2282.778 $\pm$ 0.000

χ^2/NDF : 521869333583833068444115371437594771456.0/16

Left Out: 3890.836 $\pm$ 0.000

χ^2/NDF : 400964507070587361577077873943657840640.0/6

Right Out: -2149.386 $\pm$ 0.000

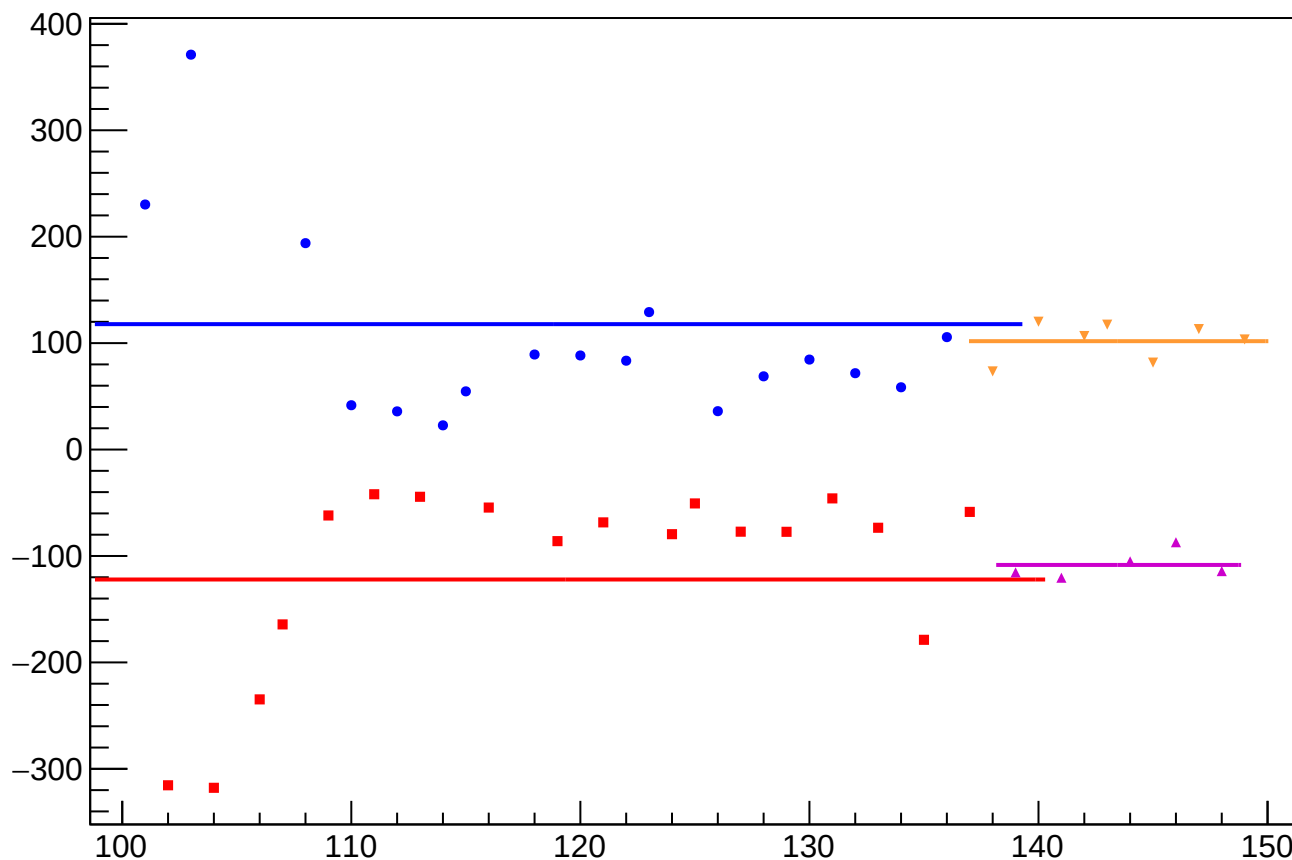
χ^2/NDF : 320631411360836158094549979591860027392.0/17

Left In: -3973.897 $\pm$ 0.000

χ^2/NDF : 112799277221418233163404488622733262848.0/4

All: 156.336 $\pm$ 0.000 χ^2/NDF : 226489296113

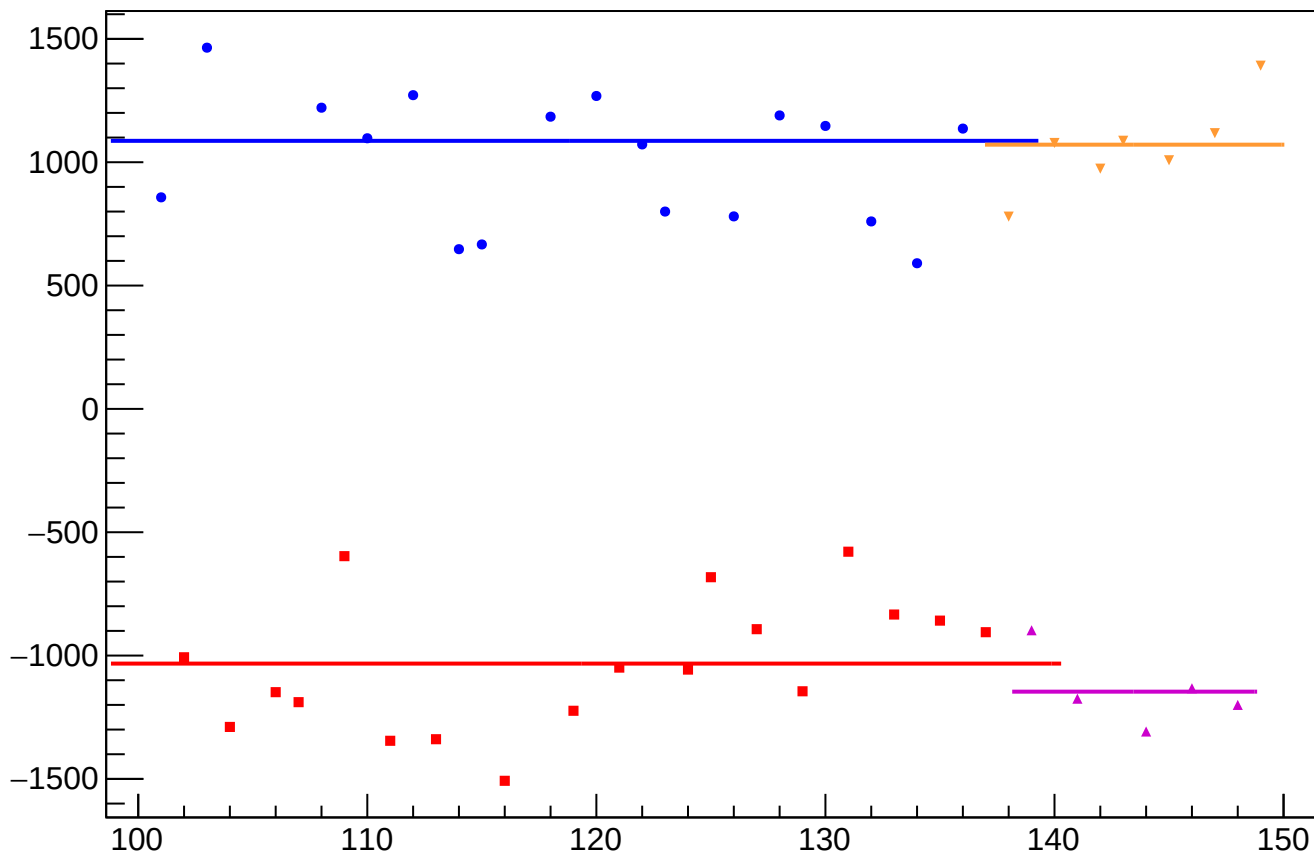
dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Left: 6.938 +/- 0.000 χ^2/NDF : 10442112702705261
 Right: -3.925 +/- 0.000 χ^2/NDF : 3301778897697913
 In: 32.275 +/- 0.000 χ^2/NDF : 196897028326523925
 Out: -28.552 +/- 0.000 χ^2/NDF : 2167335216032963
 All: 0.408 +/- 0.000 χ^2/NDF : 43526220593603

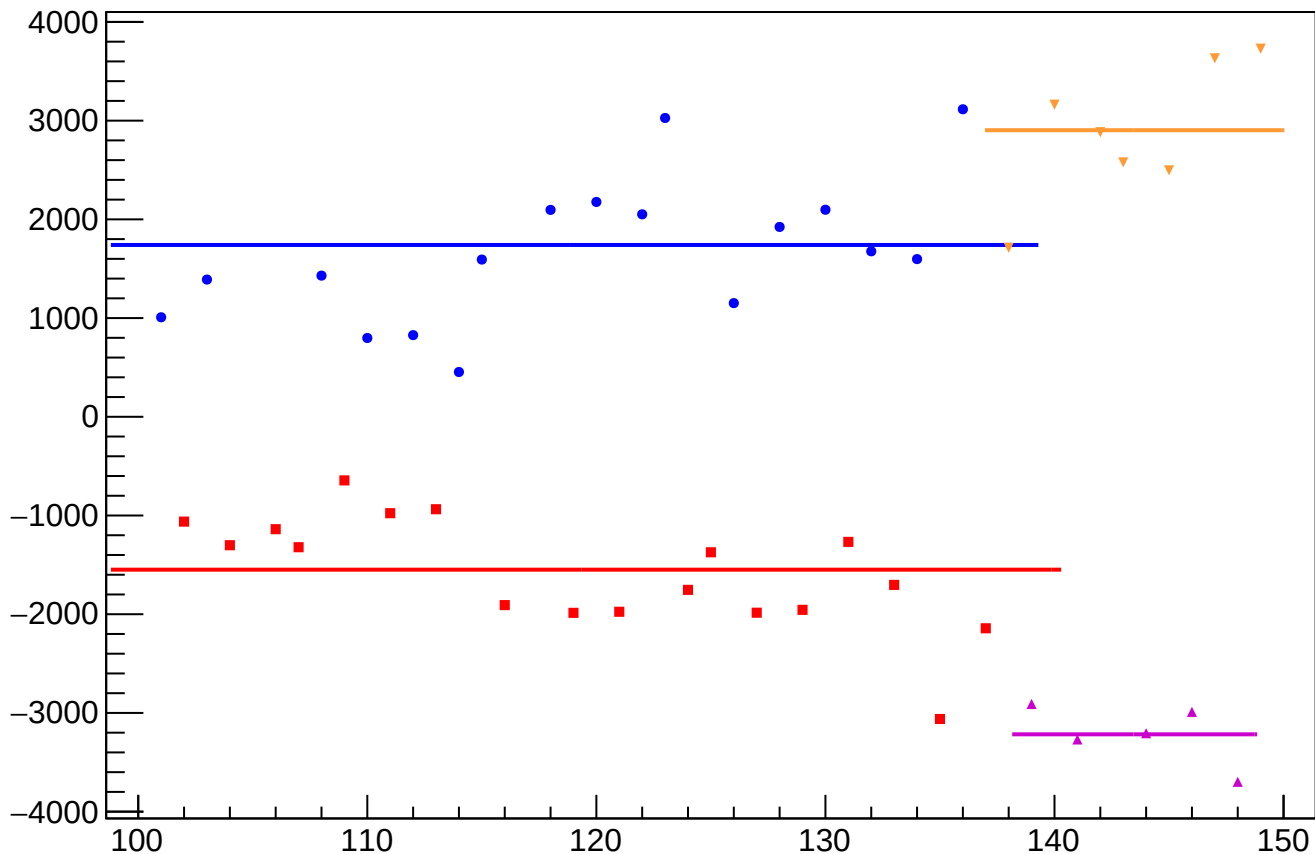
Right In: 117.825 +/- 0.000 χ^2/NDF : 6199421197695716182570916449760575488.0/16
 Left Out: 101.831 +/- 0.000 χ^2/NDF : 149459139891760652993425320030765056.0/6
 Right Out: -122.099 +/- 0.000 χ^2/NDF : 6546124684147045667679194482005245952.0/17
 Left In: -108.417 +/- 0.000 χ^2/NDF : 57799649540770366455121945680674816.0/4

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1071.175+/-0.000 χ^2/NDF : 16188801215723423756894148093057957888.0/6
 Right Out: -1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: -1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4
 All: 34.840+/-0.000 χ^2/NDF : 2828233902475

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1740.720+/-0.000

χ^2/NDF : 348962001897552007024222547428010622976.0/16

Left Out: 2903.202+/-0.000

χ^2/NDF : 234890835719359375559833179250852102144.0/6

Right Out: -1548.740+/-0.000

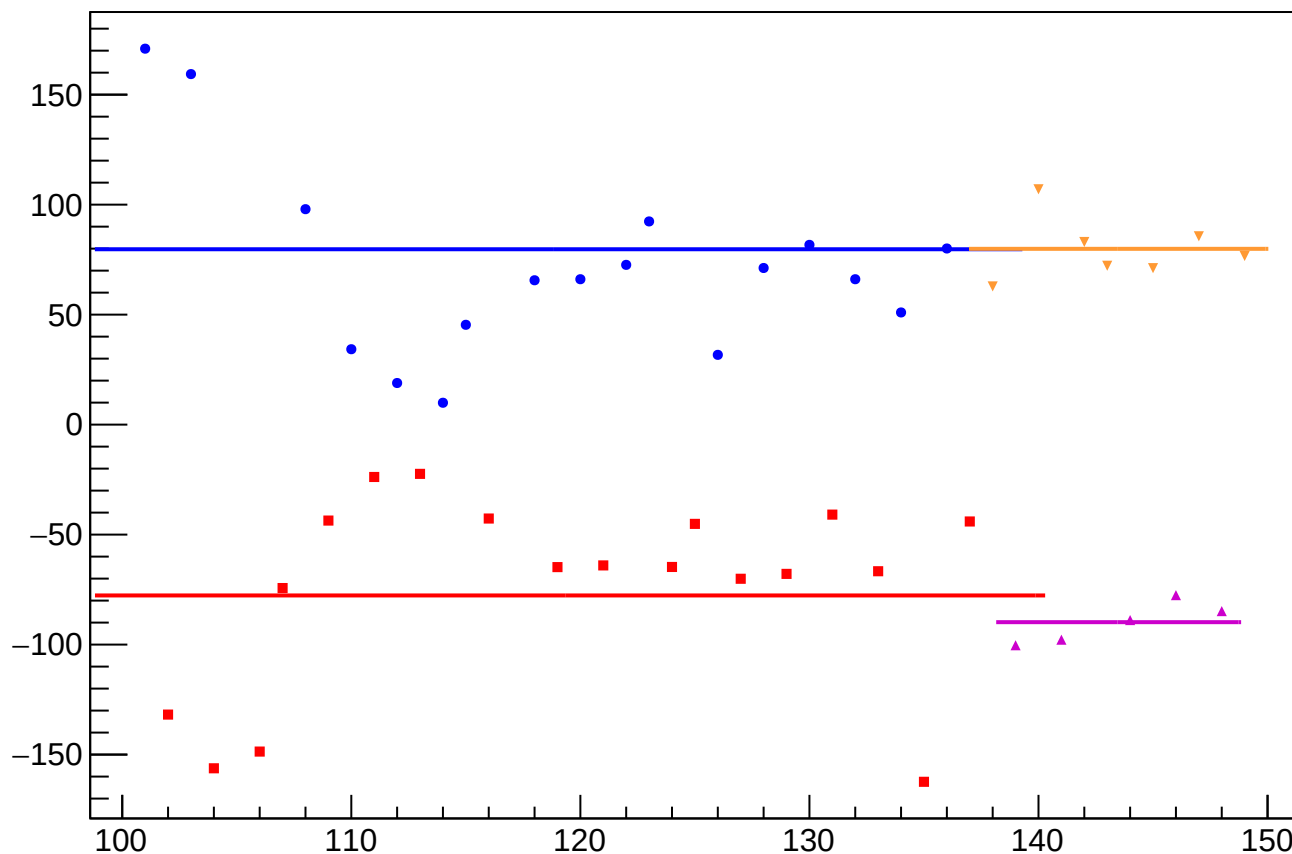
χ^2/NDF : 255013280564316736413287354207314116608.0/17

Left In: -3216.673+/-0.000

χ^2/NDF : 31645939665296087724648482442039001088.0/4

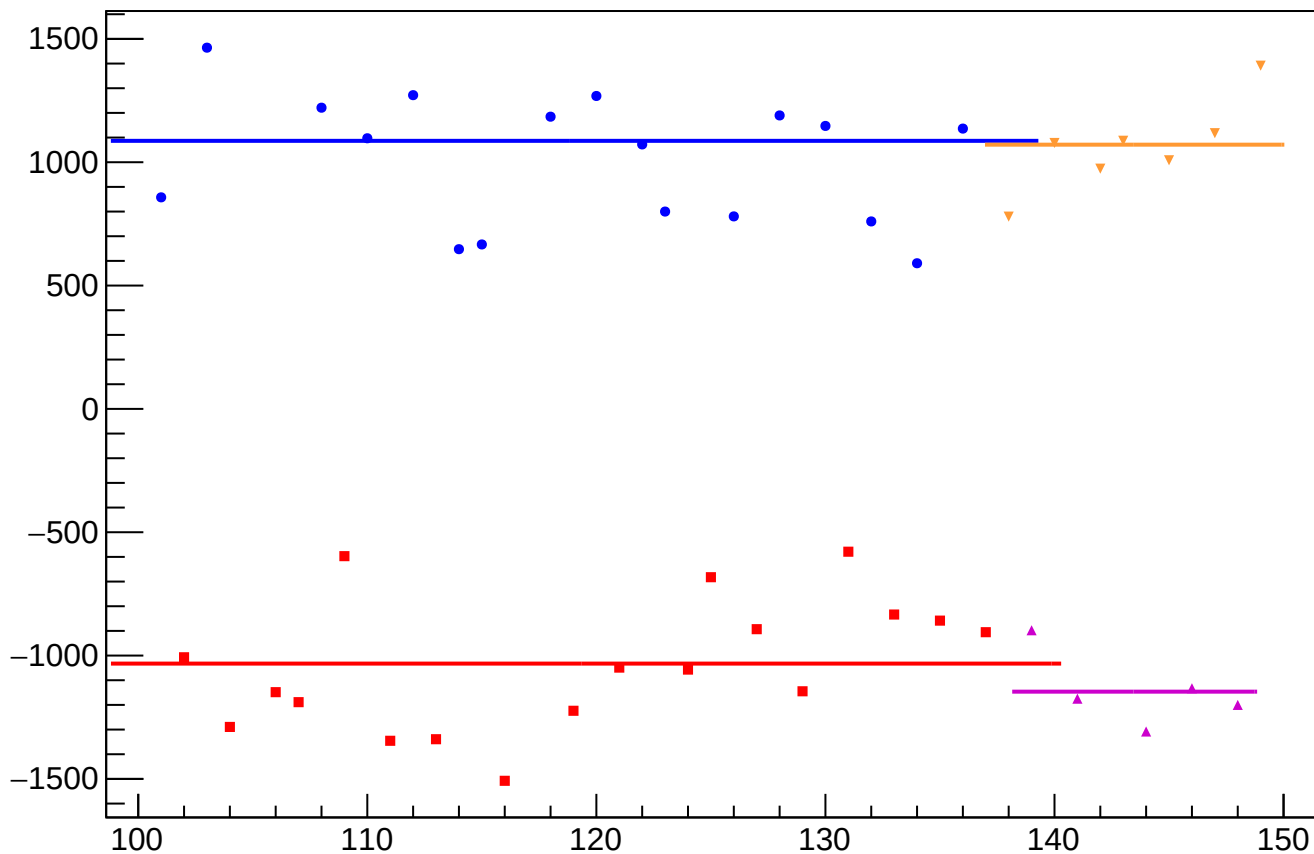
All: 99.239+/-0.000 χ^2/NDF : 1335560709603

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



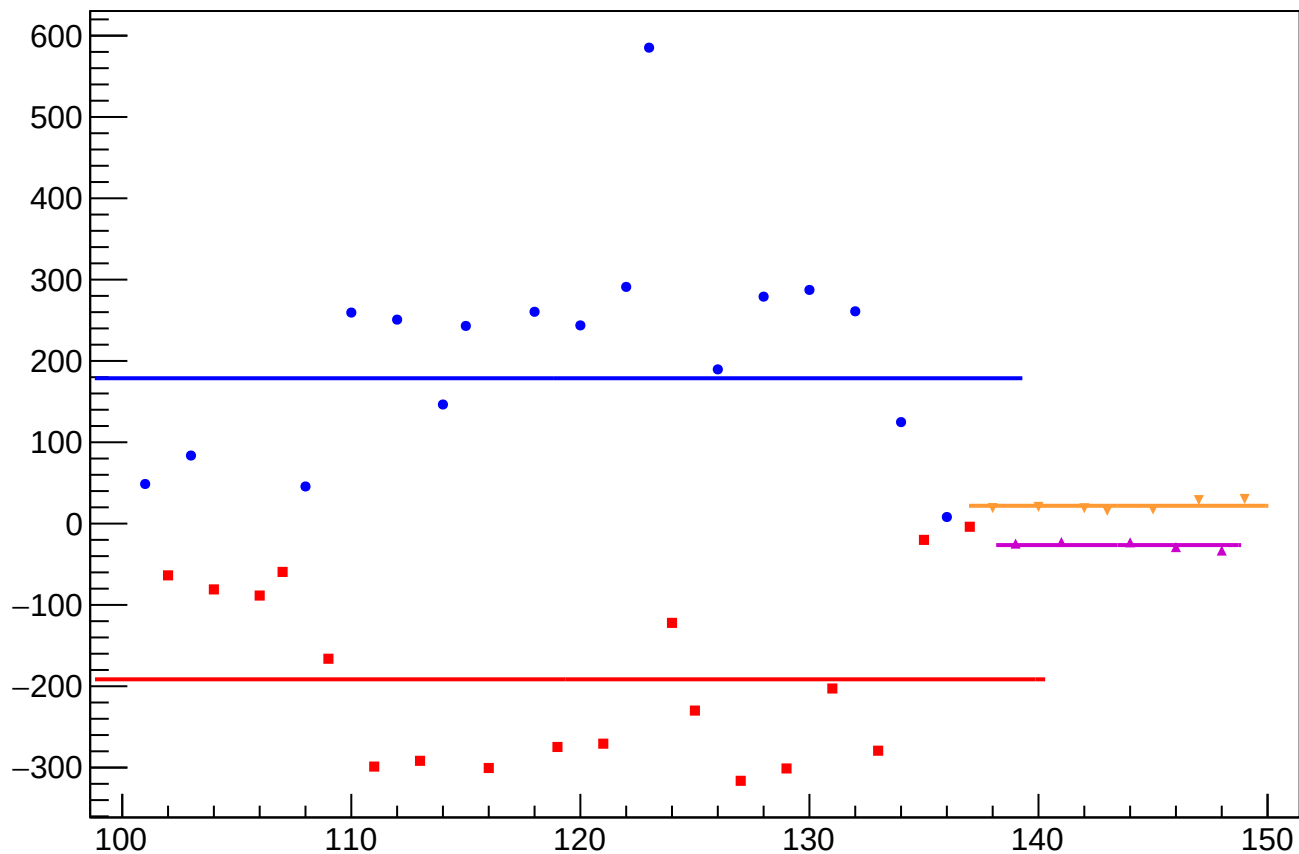
Left: 3.313 +/- 0.000 χ^2/NDF : 67950313470484368
 Right: -0.141 +/- 0.000 χ^2/NDF : 1155638622518713
 In: 15.617 +/- 0.000 χ^2/NDF : 892089192031630283
 Out: -11.832 +/- 0.000 χ^2/NDF : 8996702441337096
 All: 1.237 +/- 0.000 χ^2/NDF : 18358123133269

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



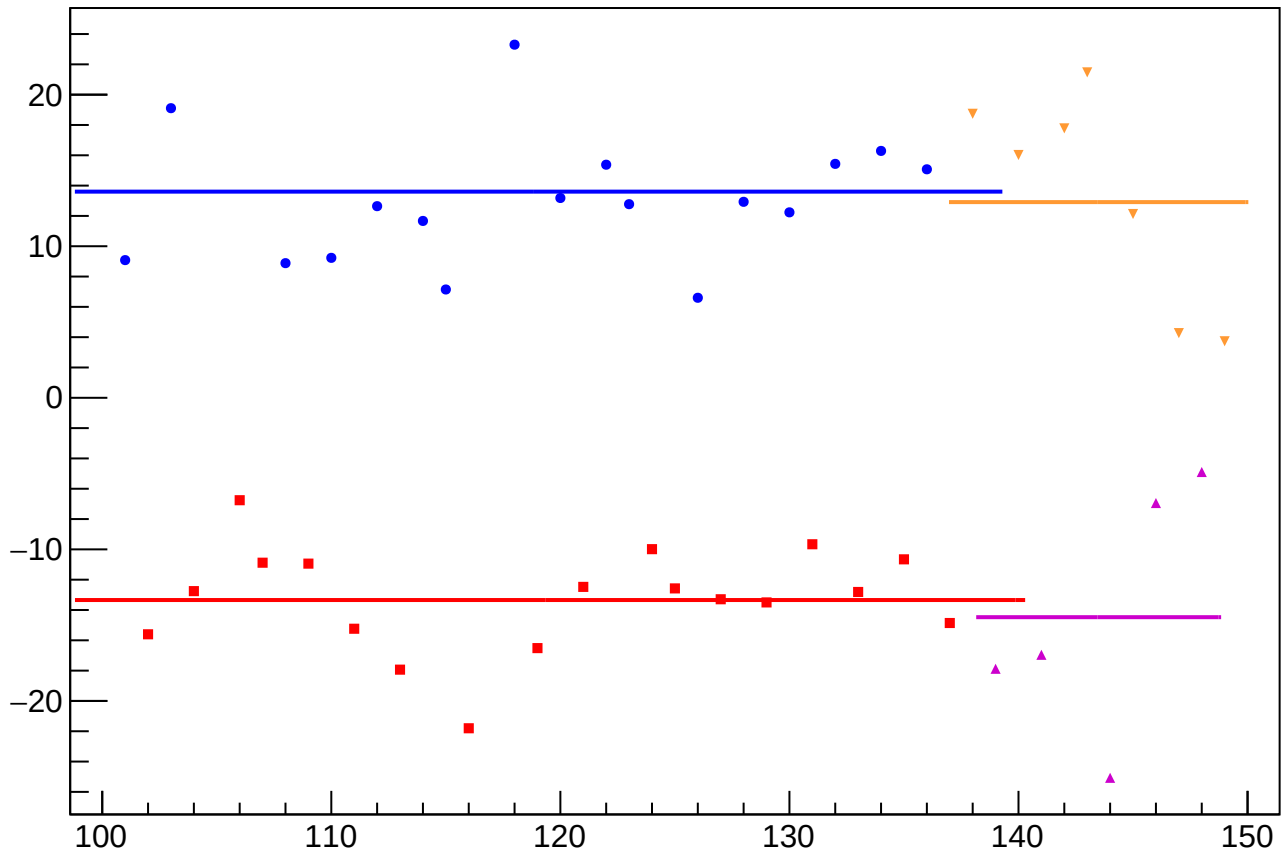
Right In: 1086.695+/-0.000 χ^2/NDF : 34612834720892896264590202148866752512.0/16
 Left Out: 1071.175+/-0.000 χ^2/NDF : 16188801215723423756894148093057957888.0/6
 Right Out: -1032.544+/-0.000 χ^2/NDF : 47614887029691398867923382029973979136.0/17
 Left In: -1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4
 All: 34.840+/-0.000 χ^2/NDF : 2828233902475

dit_4aX_coil7_mean vs Slug, Sign Corrected



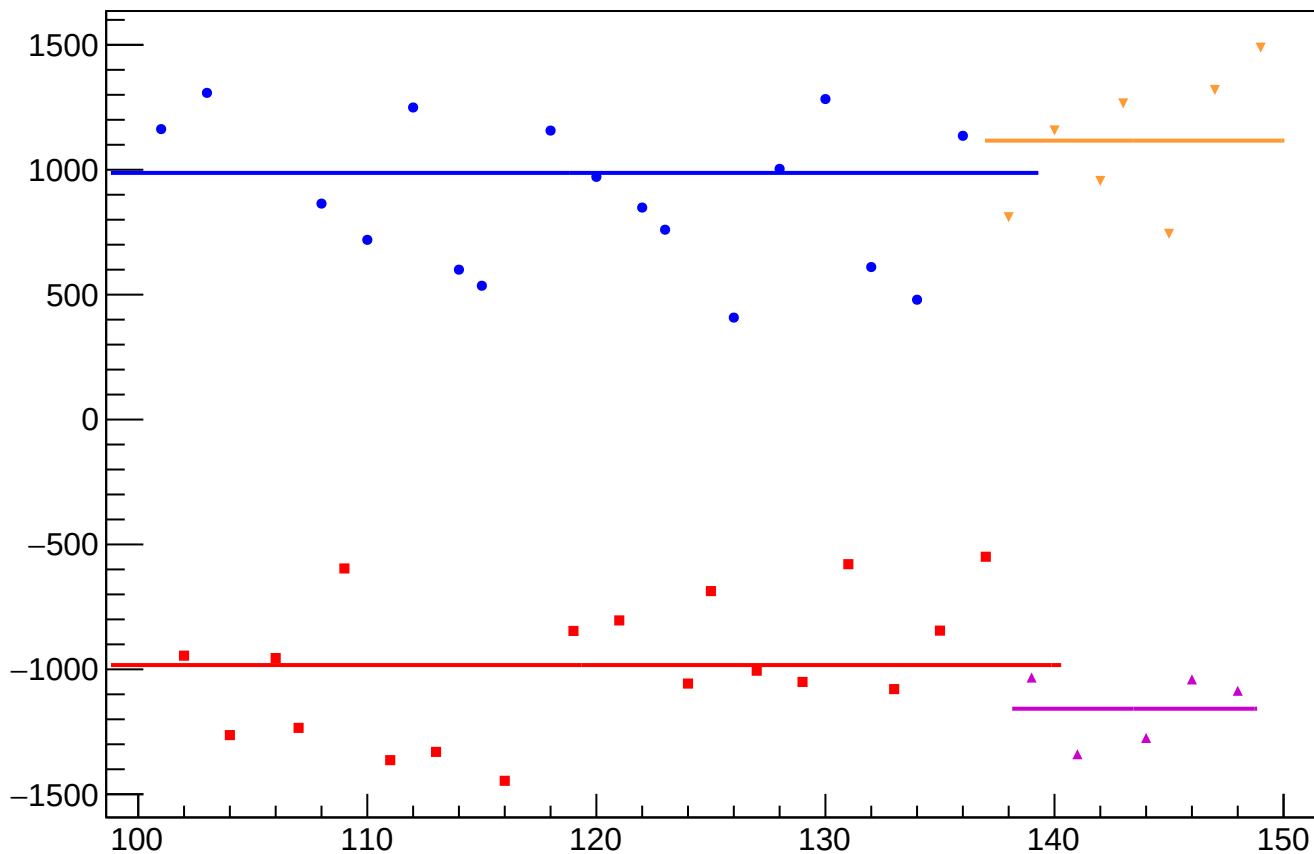
Right In: 178.734+/-0.000 χ^2/NDF : 8494804765562228204327834177712947200.0/16
 Left Out: 21.905+/-0.000 χ^2/NDF : 15066849251416716292941823428526080.0/6
 Right Out: -191.483+/-0.000 χ^2/NDF : 8150461362250913614126902389436841984.0/17
 Left In: -26.409+/-0.000 χ^2/NDF : 6828775560854995396894638760525824.0/4
 All: -5.451+/-0.000 χ^2/NDF : 6552447426108

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Left: 0.551 +/- 0.000 χ^2/NDF : 219912808915035042
 Right: -0.071 +/- 0.000 χ^2/NDF : 2752368214719958
 In: 2.986 +/- 0.000 χ^2/NDF : 2434758658142185197
 Out: -2.375 +/- 0.000 χ^2/NDF : 23508995163138745
 All: 0.177 +/- 0.000 χ^2/NDF : 49536727992103

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

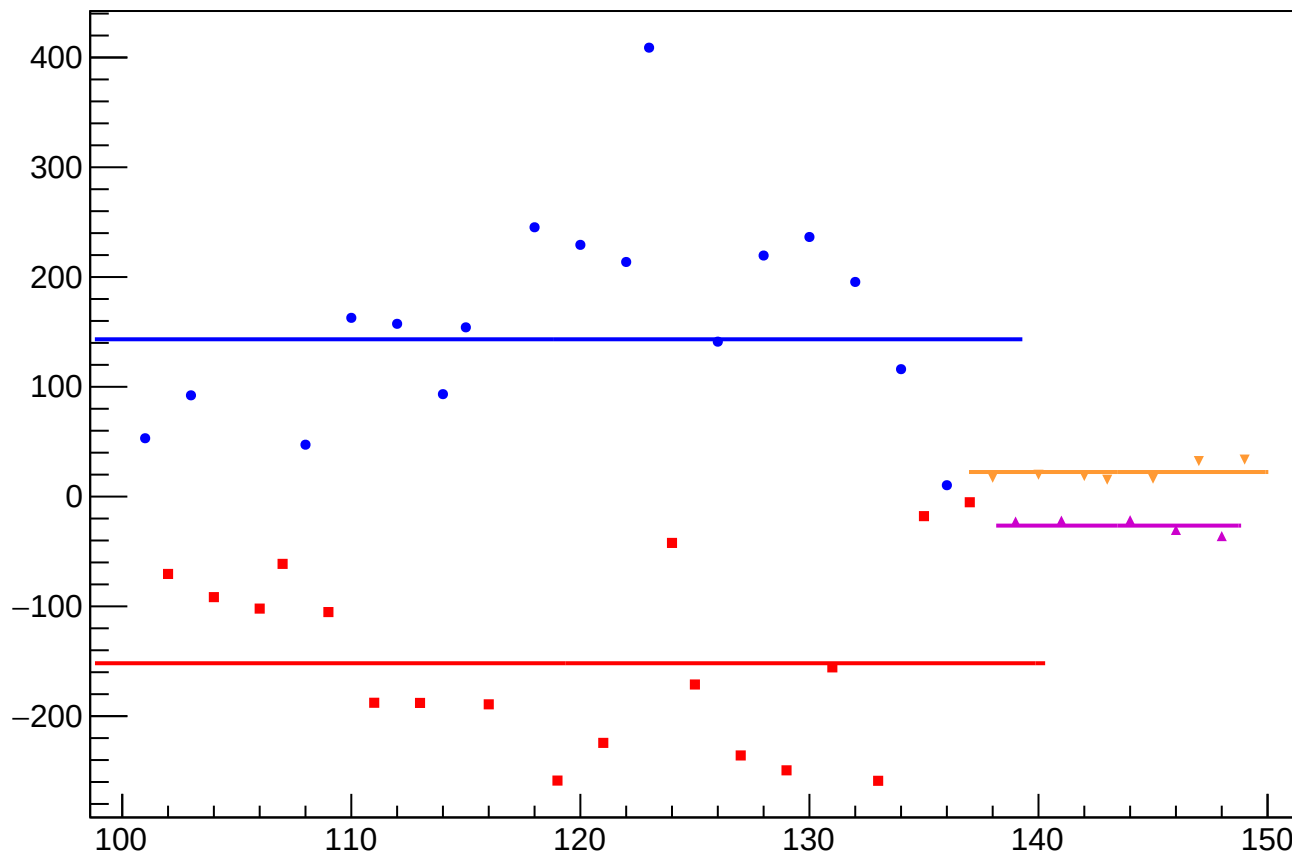
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

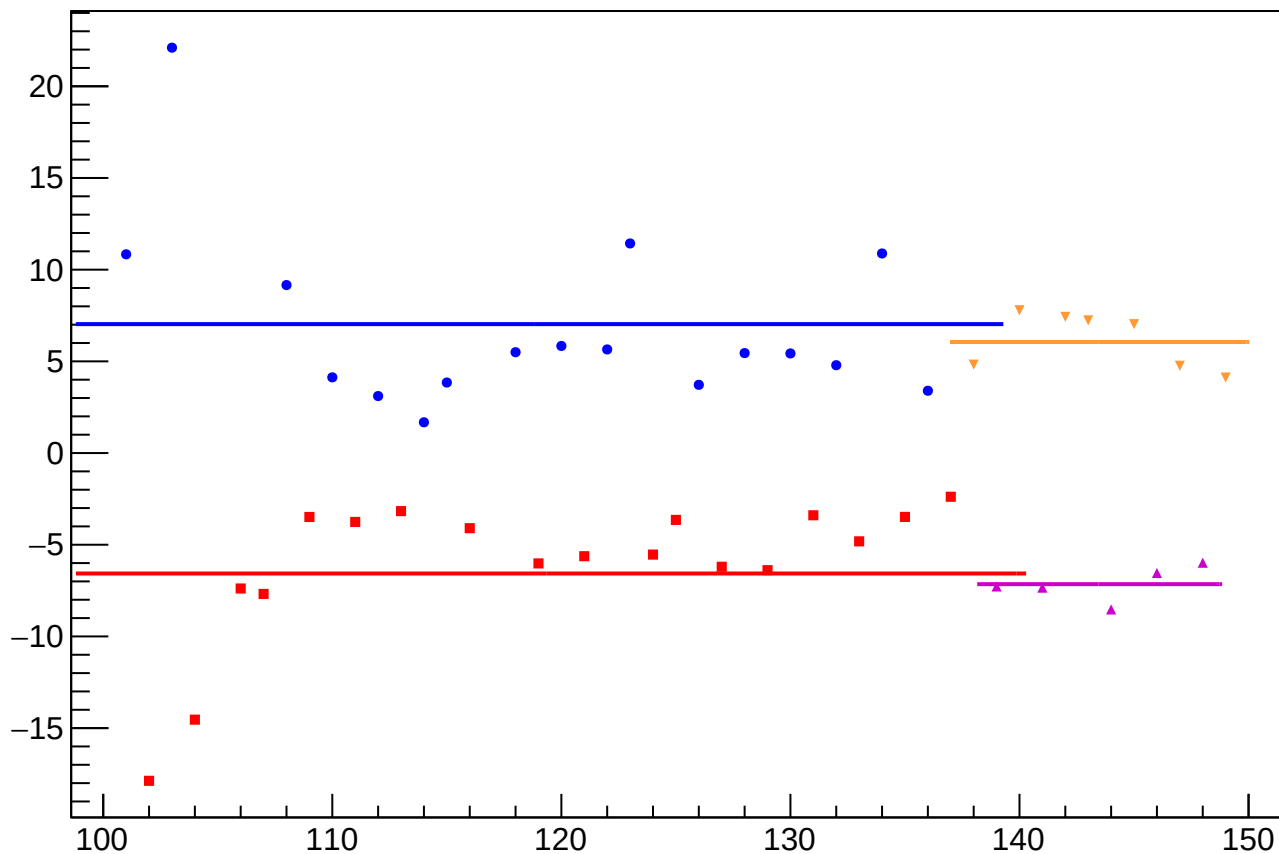
All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_4eX_coil7_mean vs Slug, Sign Corrected



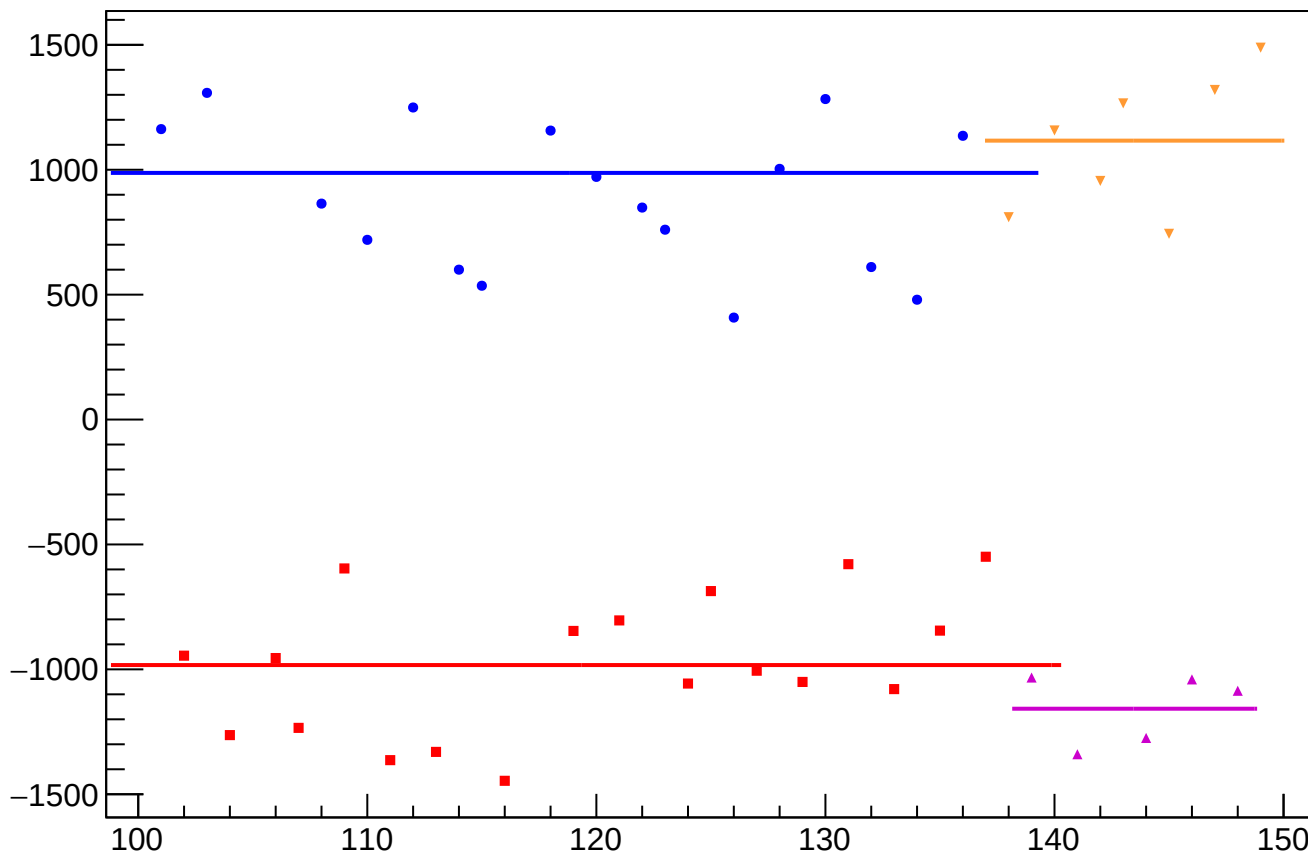
Left: 0.349+/-0.000 χ^2/NDF : 593865833040446911
 Right In: 143.291+/-0.000 χ^2/NDF : 4778890435983165530583685149403119616.0/16
 Right: -6.463+/-0.000 χ^2/NDF : 4010201428427812
 Left Out: 22.384+/-0.000 χ^2/NDF : 27925951261259931177099951828107264.0/6
 In: 79.110+/-0.000 χ^2/NDF : 123529855069289856
 Right Out: -151.819+/-0.000 χ^2/NDF : 4652479354515348530637943017457057792.0/17
 Out: -79.045+/-0.000 χ^2/NDF : 1374478045950973
 Left In: -26.439+/-0.000 χ^2/NDF : 14024225497729277595776721092608000.0/4
 All: -3.746+/-0.000 χ^2/NDF : 4072195784455

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



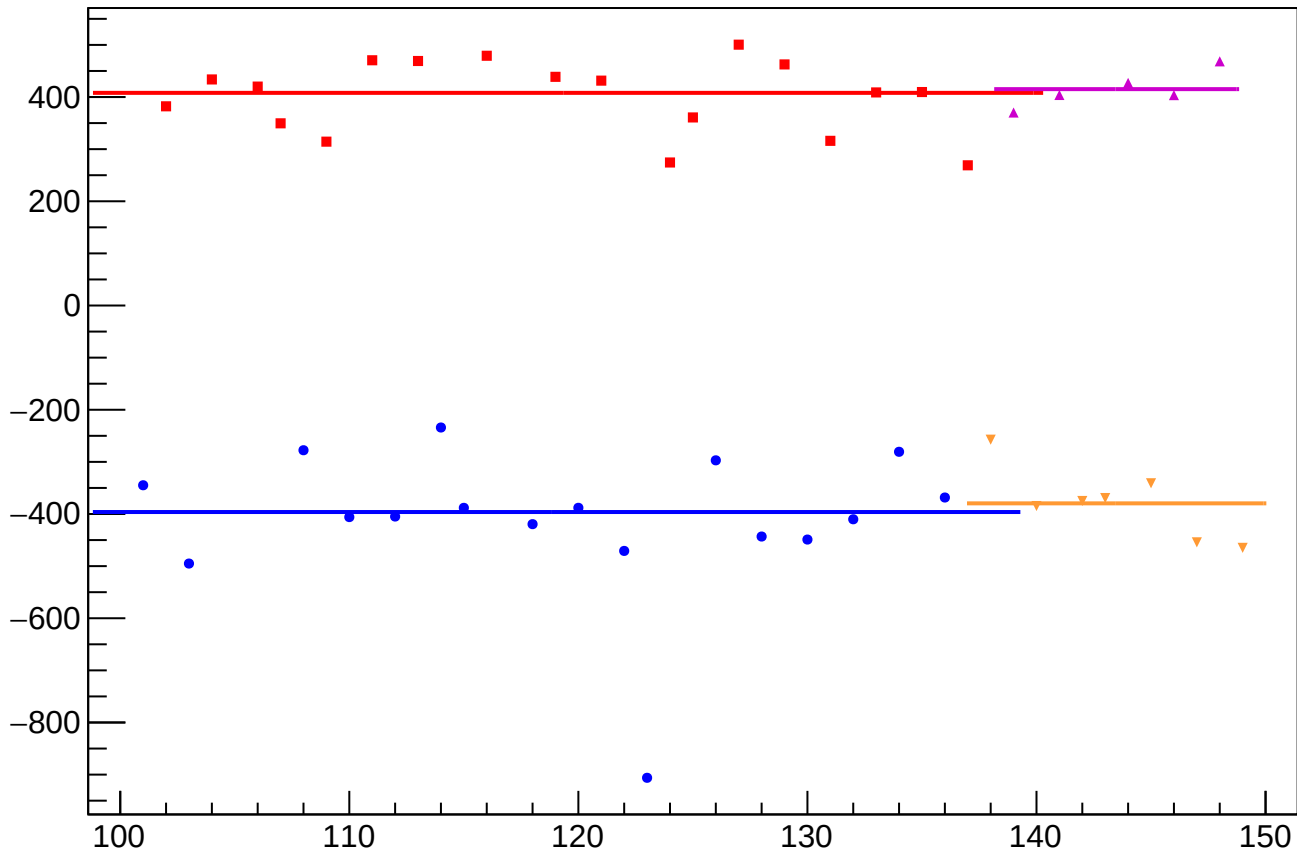
Right In: 7.031+/-0.000 χ^2/NDF : 18686972393169306014765519518826496.0/16
 Left Out: 6.055+/-0.000 χ^2/NDF : 1064584704675186693873992896348160.0/6
 Right Out: -6.568+/-0.000 χ^2/NDF : 13908005278630821419370553666437120.0/17
 Left In: -7.150+/-0.000 χ^2/NDF : 319378847219546822141692941959168.0/4
 All: 0.116+/-0.000 χ^2/NDF : 13948244259365

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000	χ^2/NDF : 52571386835815299758771040245189181440.0/16	Left: 90.128+/-0.000	χ^2/NDF : 12401770510209141
Left Out: 1116.536+/-0.000	χ^2/NDF : 35848644445506034799338306364002795520.0/6	Right: -12.404+/-0.000	χ^2/NDF : 146772402174972
Right Out: -982.831+/-0.000	χ^2/NDF : 48106250951114292454819733992816771072.0/17	In: 176.285+/-0.000	χ^2/NDF : 12668851870488074
Left In: -1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4	Out: -105.815+/-0.000	χ^2/NDF : 140039681432897
	All: 28.495+/-0.000	χ^2/NDF : 2713809682900	

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -396.205+/-0.000

Left Out: -379.566+/-0.000

Right Out: 408.004+/-0.000

Left In: 415.157+/-0.000

χ^2/NDF : 3915339787327324310697642459645607936.0/16

χ^2/NDF : 2338369699682634414105753327543255040.0/6

χ^2/NDF : 2700413725595197389596215208912617472.0/17

χ^2/NDF : 436445263279281651795435287211933696.0/4

Left: -20.878+/-0.000 χ^2/NDF : 1490090860645709

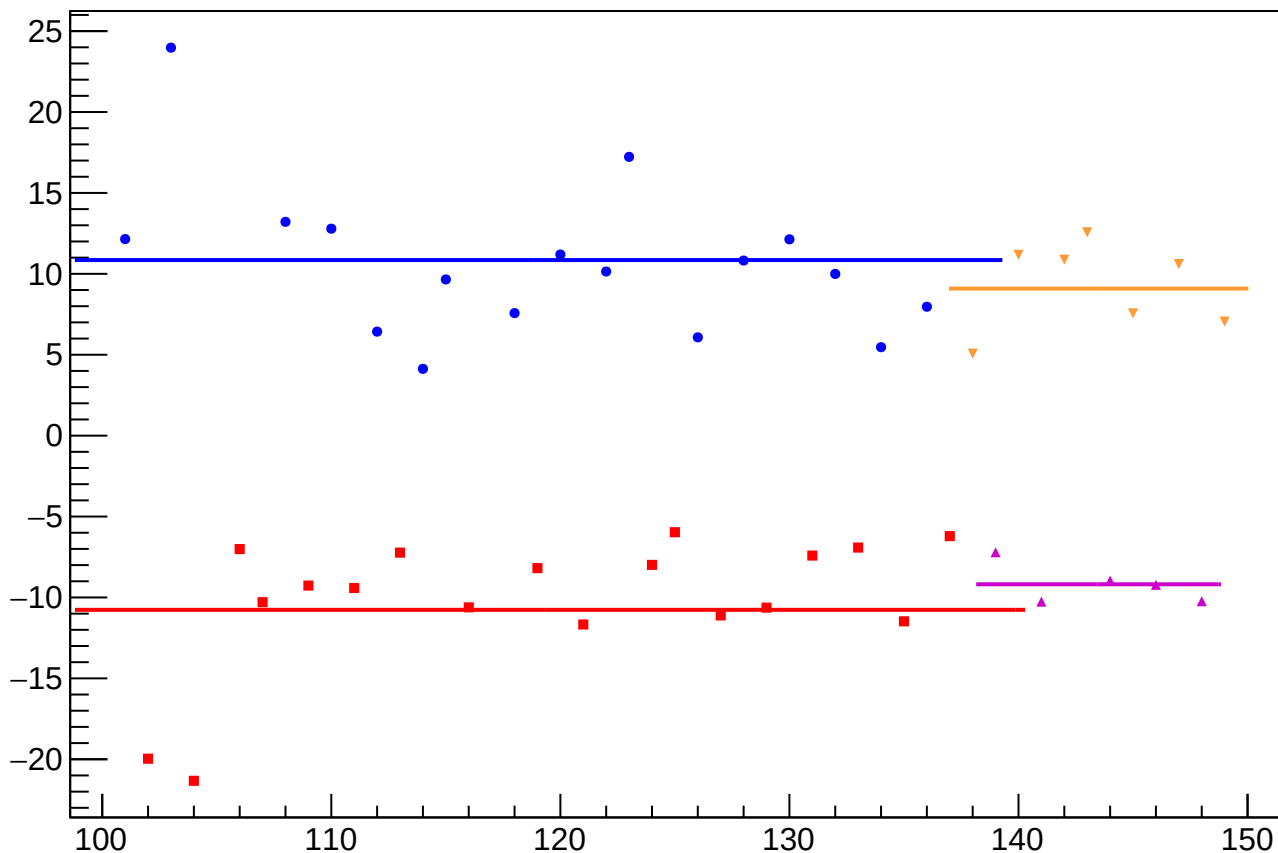
Right: 11.893+/-0.000 χ^2/NDF : 2343837724637462

In: -89.400+/-0.000 χ^2/NDF : 17710916567646434

Out: 78.995+/-0.000 χ^2/NDF : 19030813926020305

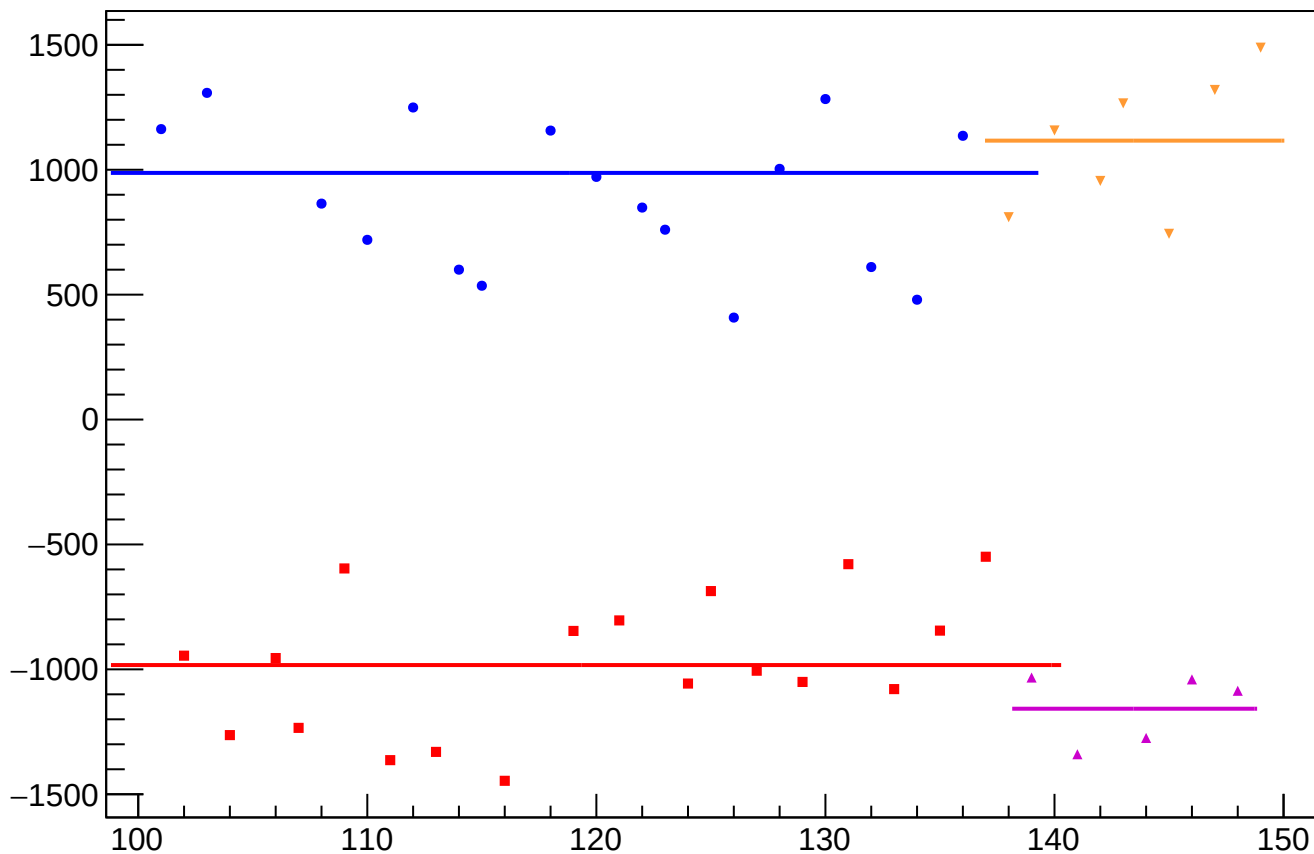
All: -1.179+/-0.000 χ^2/NDF : 3839964521757

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Left: 0.841+/-0.000 χ^2/NDF : 811323086789264100
 Right In: 10.851+/-0.000 χ^2/NDF : 15284459899452545966128799384862720.0/16
 Left Out: 9.089+/-0.000 χ^2/NDF : 3284919346592931462852914421170176.0/6
 Right Out: -10.764+/-0.000 χ^2/NDF : 14575858748491423837639288498946048.0/17
 Left In: -9.187+/-0.000 χ^2/NDF : 511425896820315803197356646596608.0/4
 All: 0.265+/-0.000 χ^2/NDF : 27605676203154

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

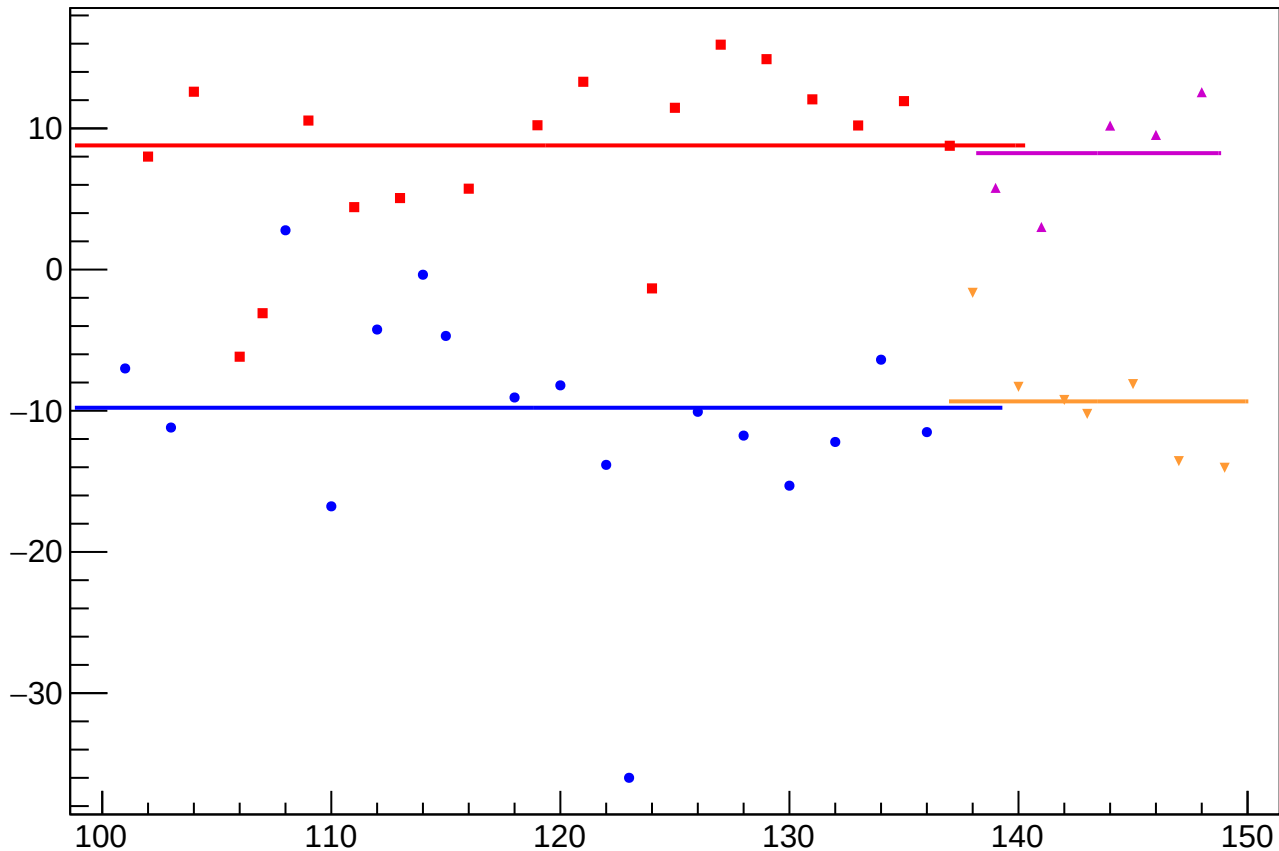
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.786 ± 0.000

$\chi^2/\text{NDF}: 17296683010620060540445571791454208.0/16$

Left Out: -9.336 ± 0.000

$\chi^2/\text{NDF}: 8122969404347406930745805760364544.0/6$

Right Out: 8.794 ± 0.000

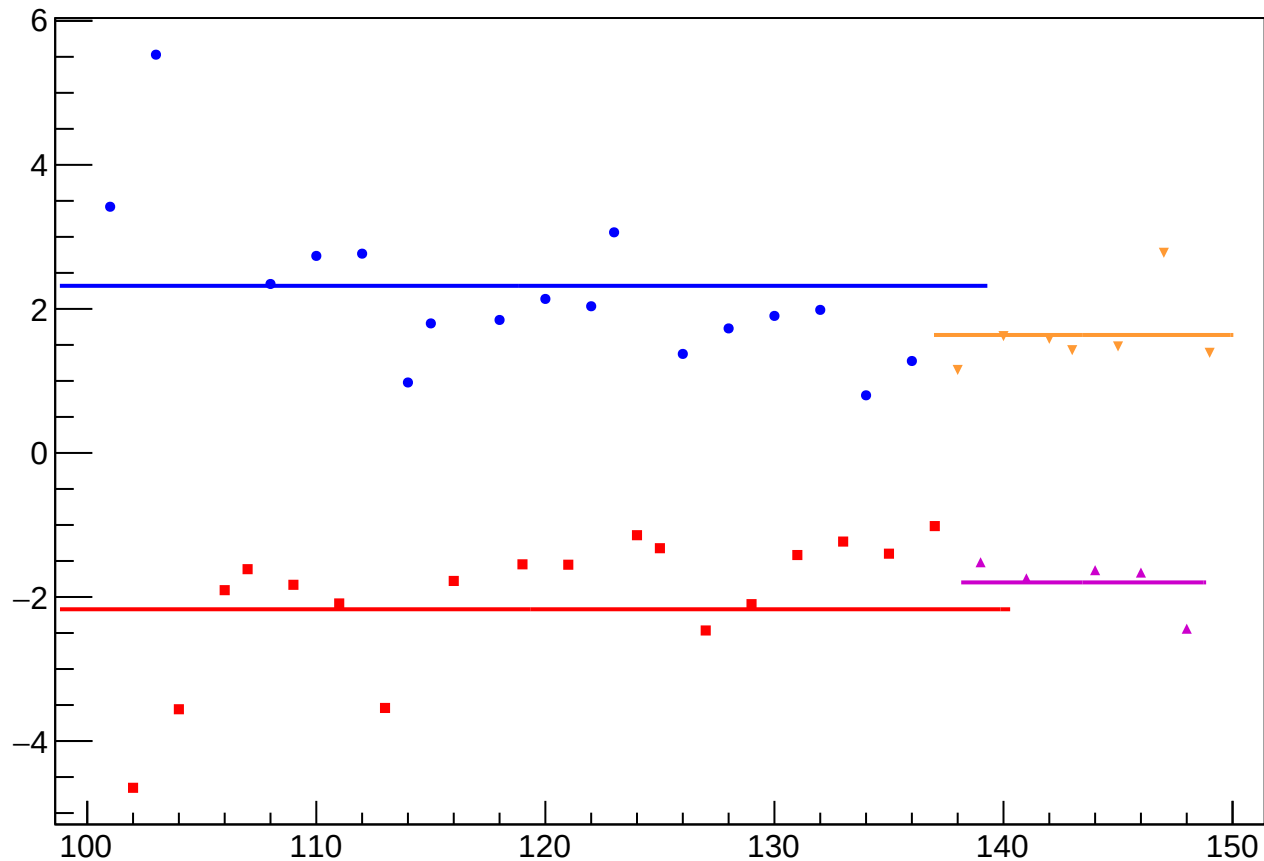
$\chi^2/\text{NDF}: 21979472889395409230974985175040000.0/17$

Left In: 8.247 ± 0.000

$\chi^2/\text{NDF}: 4855815316108805266540154092257280.0/4$

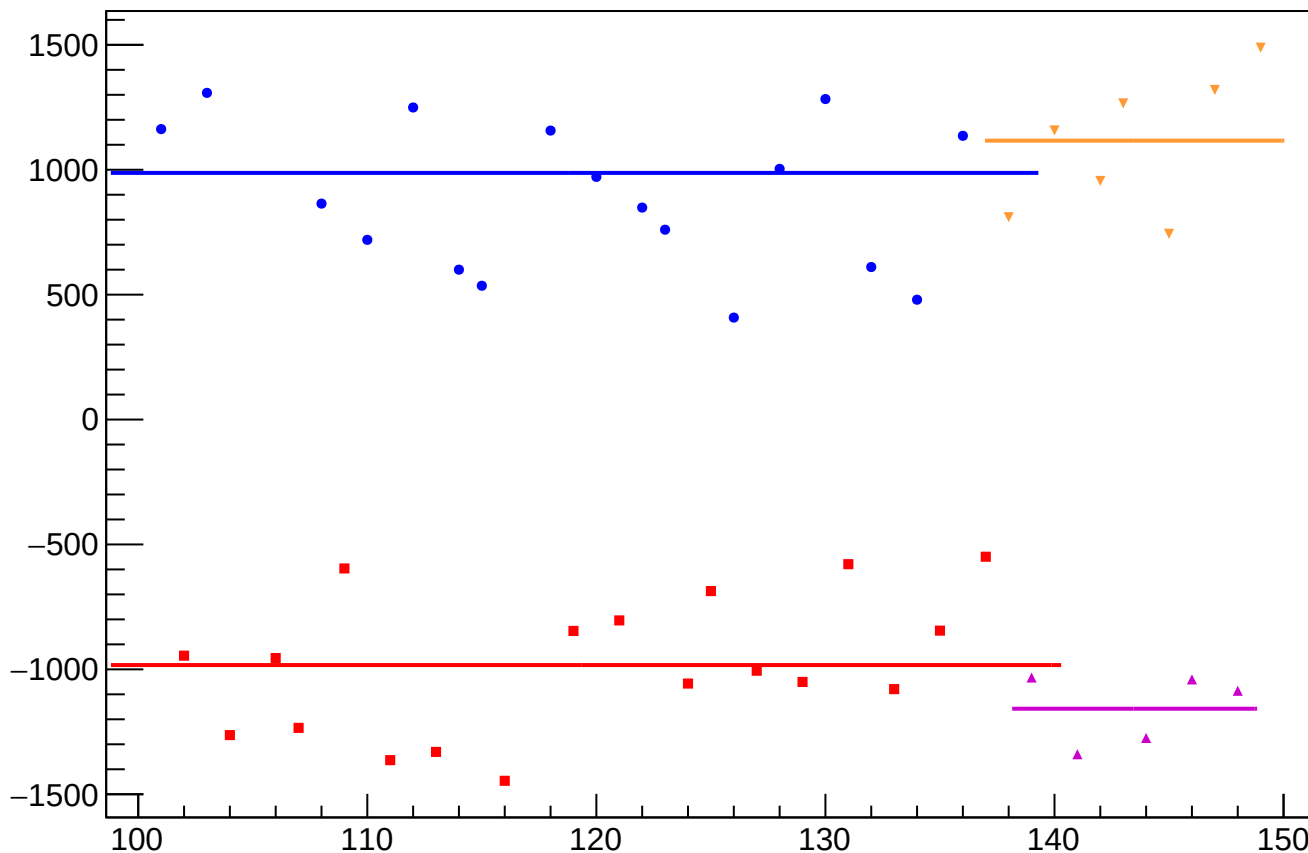
All: -0.773 ± 0.000 $\chi^2/\text{NDF}: 2460155987995$

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.320 +/- 0.000 χ^2/NDF : 951785069007432203128626661556224.0/16
 Left Out: 1.638 +/- 0.000 χ^2/NDF : 130226150415729669044780102844416.0/6
 Right Out: -2.171 +/- 0.000 χ^2/NDF : 756432905902484239494035607126016.0/17
 Left In: -1.798 +/- 0.000 χ^2/NDF : 45448355890489389691813553504256.0/4
 All: 0.060 +/- 0.000 χ^2/NDF : 11721461658695

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

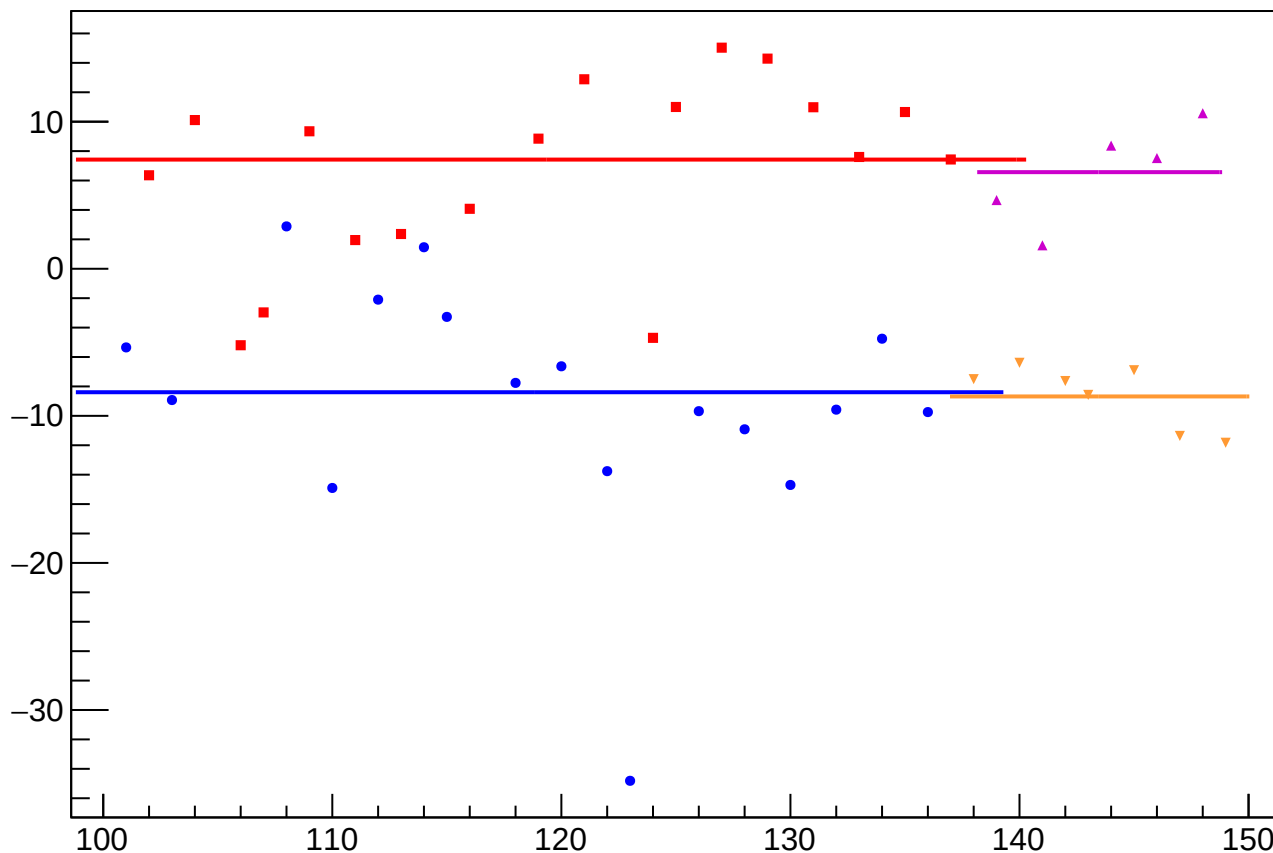
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

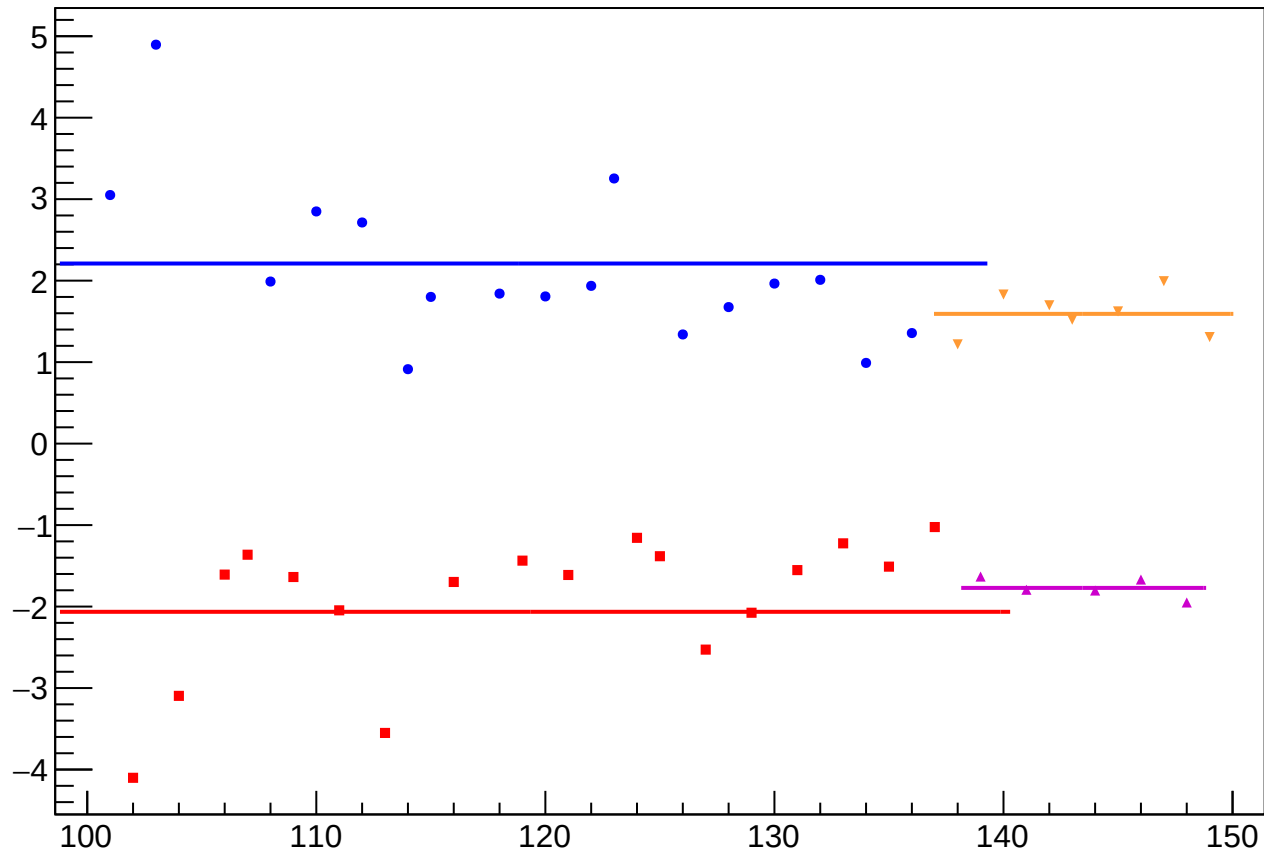
All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_4eY_coil7_mean vs Slug, Sign Corrected



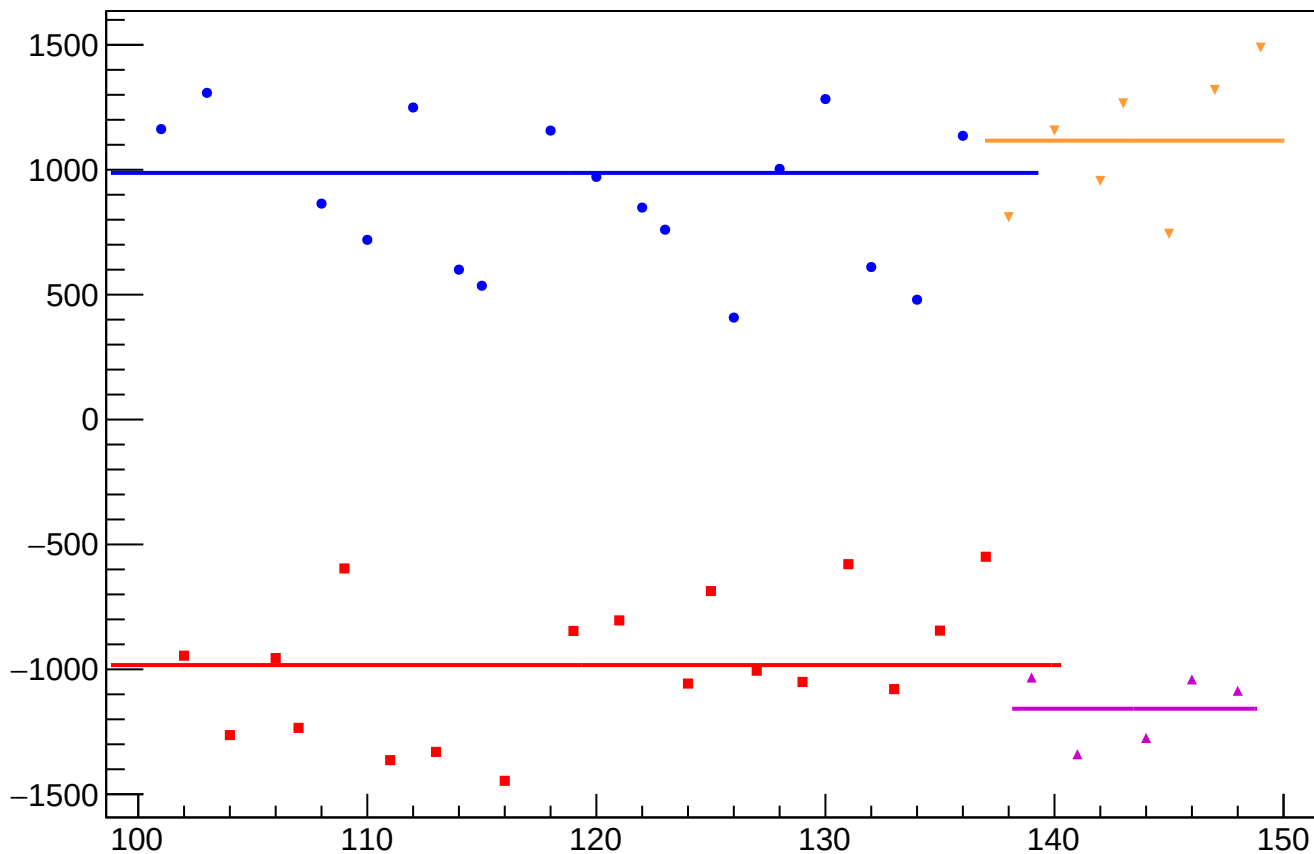
Right In: -8.394 ± 0.000 $\chi^2/\text{NDF}: 17454293749905596935063382469378048.0/16$
 Left Out: -8.681 ± 0.000 $\chi^2/\text{NDF}: 2230079245763475225720020717797376.0/6$
 Right Out: 7.423 ± 0.000 $\chi^2/\text{NDF}: 21448737498509381182656193641840640.0/17$
 Left In: 6.569 ± 0.000 $\chi^2/\text{NDF}: 4108204511905353495879666490146816.0/4$
 All: -0.938 ± 0.000 $\chi^2/\text{NDF}: 1883561243912$

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.210 ± 0.000 $\chi^2/\text{NDF}: 685219894303103753186103173054464.0/16$
 Left Out: 1.592 ± 0.000 $\chi^2/\text{NDF}: 35804561533615019120933124177920.0/6$
 Right Out: -2.064 ± 0.000 $\chi^2/\text{NDF}: 574315722841914805756407412948992.0/17$
 Left In: -1.771 ± 0.000 $\chi^2/\text{NDF}: 5266688718938147648233657073664.0/4$
 All: 0.054 ± 0.000 $\chi^2/\text{NDF}: 10354465588629$

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388 +/- 0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

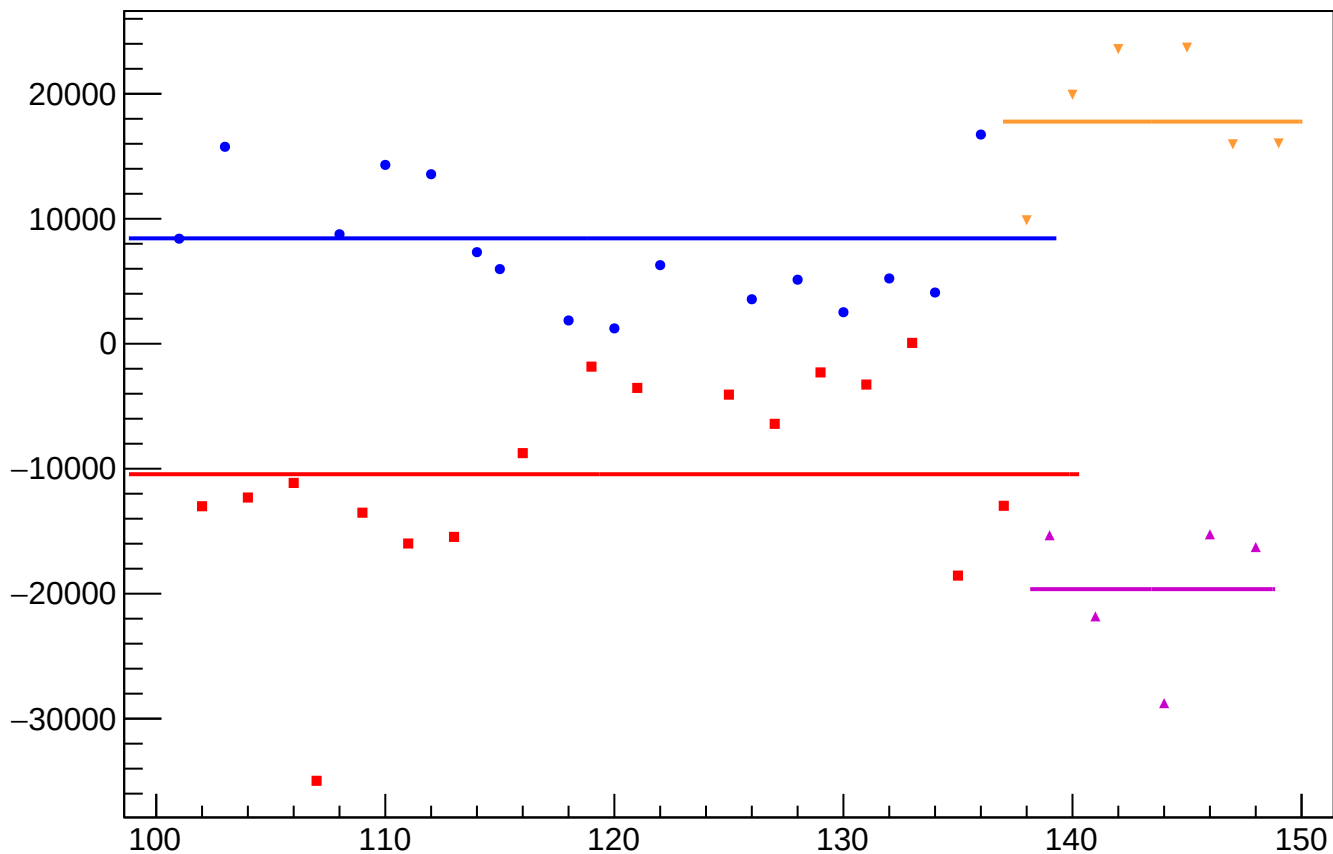
Left Out: 1116.536 +/- 0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831 +/- 0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614 +/- 0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

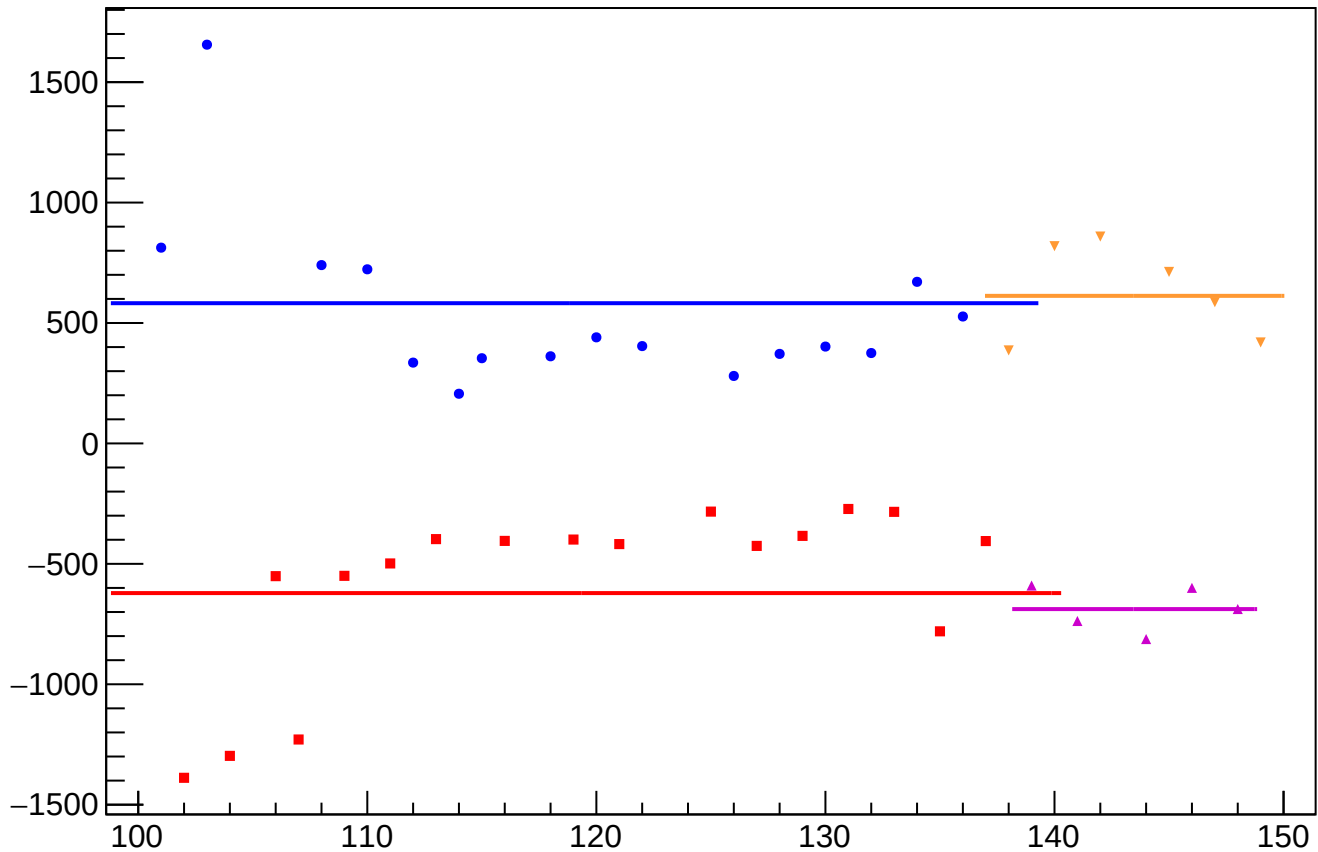
All: 28.495 +/- 0.000 χ^2/NDF : 2713809682900

dit_usl_coil7_mean vs Slug, Sign Corrected



Left: -413.792+/-0.000 χ^2/NDF : 325416103997241
 Right In: 8433.891+/-0.000 χ^2/NDF : 20327422028204985369763408215621299601408.0/15
 Right: -1078.036+/-0.000 χ^2/NDF : 1900738652281.
 Left Out: 17775.725+/-0.000 χ^2/NDF : 10034619218591241431711087766108909862912.0/5
 In: -2219.209+/-0.000 χ^2/NDF : 238535636830128
 Right Out: -10440.704+/-0.000 χ^2/NDF : 45868144044016746065453678570140629729280.0/16
 Out: 530.985+/-0.000 χ^2/NDF : 2729196564159543
 Left In: -19637.784+/-0.000 χ^2/NDF : 11863477283970128571819361122815668387840.0/4
 All: -822.807+/-0.000 χ^2/NDF : 51572579231

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 582.194+/-0.000

χ^2/NDF : 92652521491388929844313077938841976832.0/15

Left Out: 612.712+/-0.000

χ^2/NDF : 14245067876818593703266849099389861888.0/5

Right Out: -621.413+/-0.000

χ^2/NDF : 99044900314697449740386824149731901440.0/16

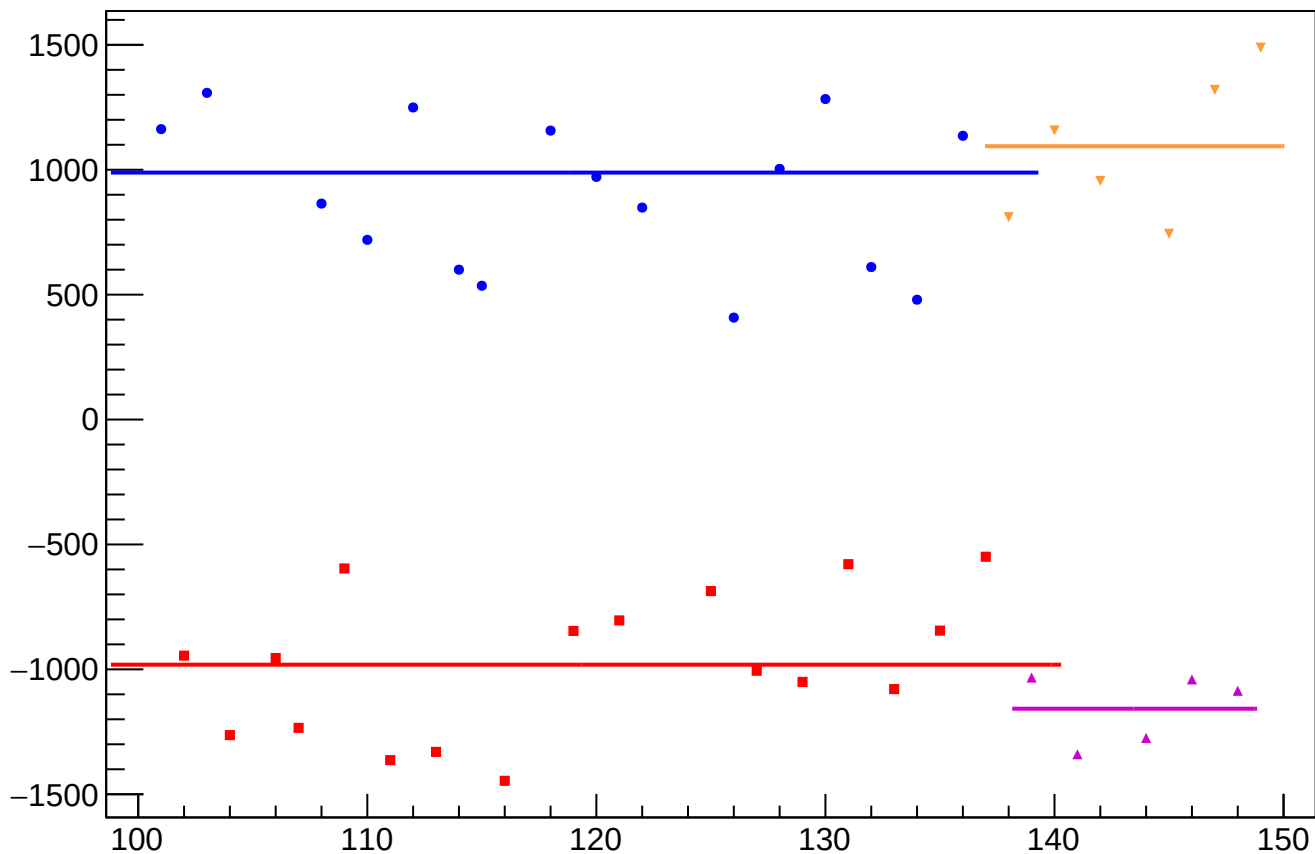
Left In: -687.860+/-0.000

χ^2/NDF : 3003944811183102439548445377234468864.0/4

All: -22.534+/-0.000

χ^2/NDF : 107947492450

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 988.706+/-0.000 χ^2/NDF : 52363367379197496459026096064200441856.0/15

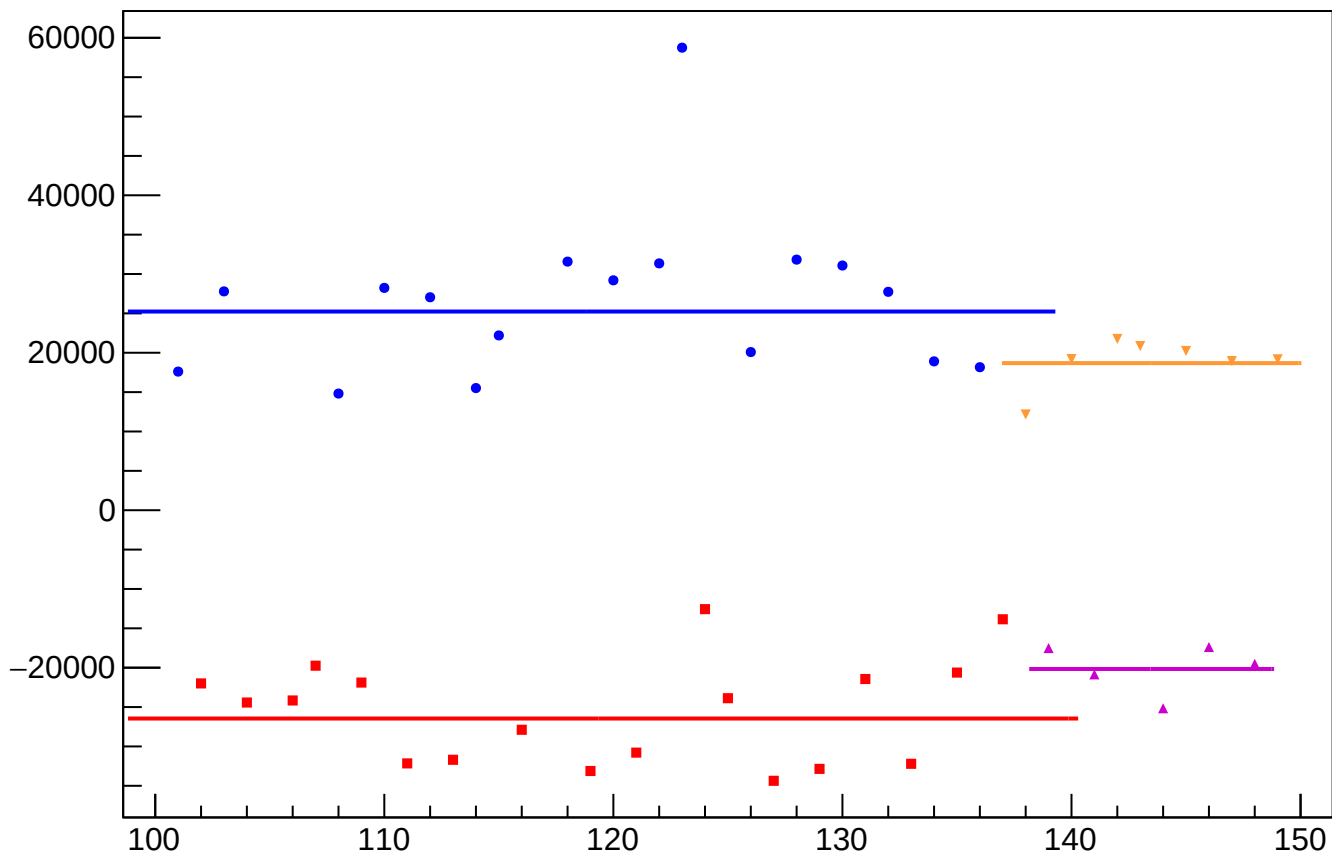
Left Out: 1094.132+/-0.000 χ^2/NDF : 34134608833846673734626563894464741376.0/5

Right Out: -981.352+/-0.000 χ^2/NDF : 48028000110939353209143459445919973376.0/16

Left In: -1157.614+/-0.000 χ^2/NDF : 688128359960909361703308275744768000.0/4

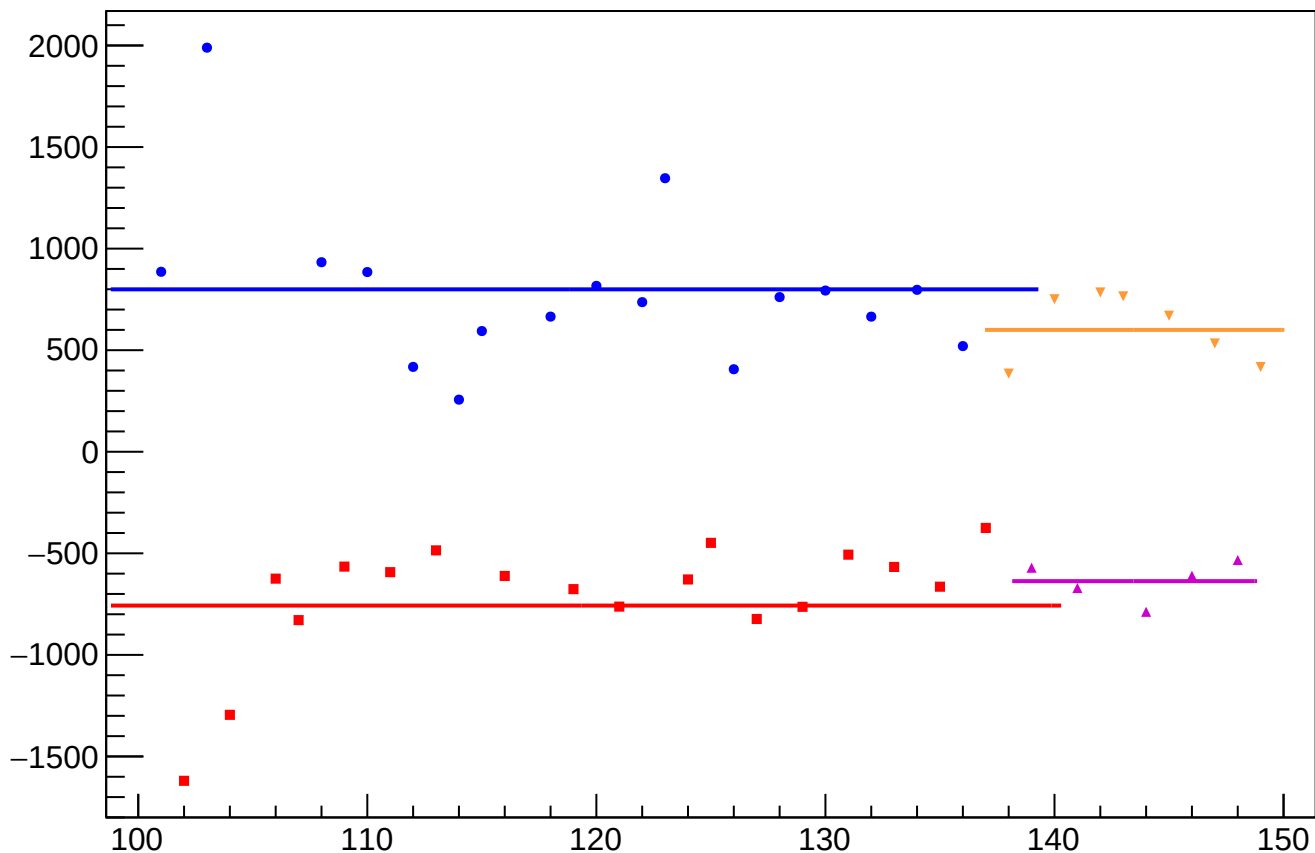
All: -2.767+/-0.000 χ^2/NDF : 2590419058965

dit_usr_coil7_mean vs Slug, Sign Corrected



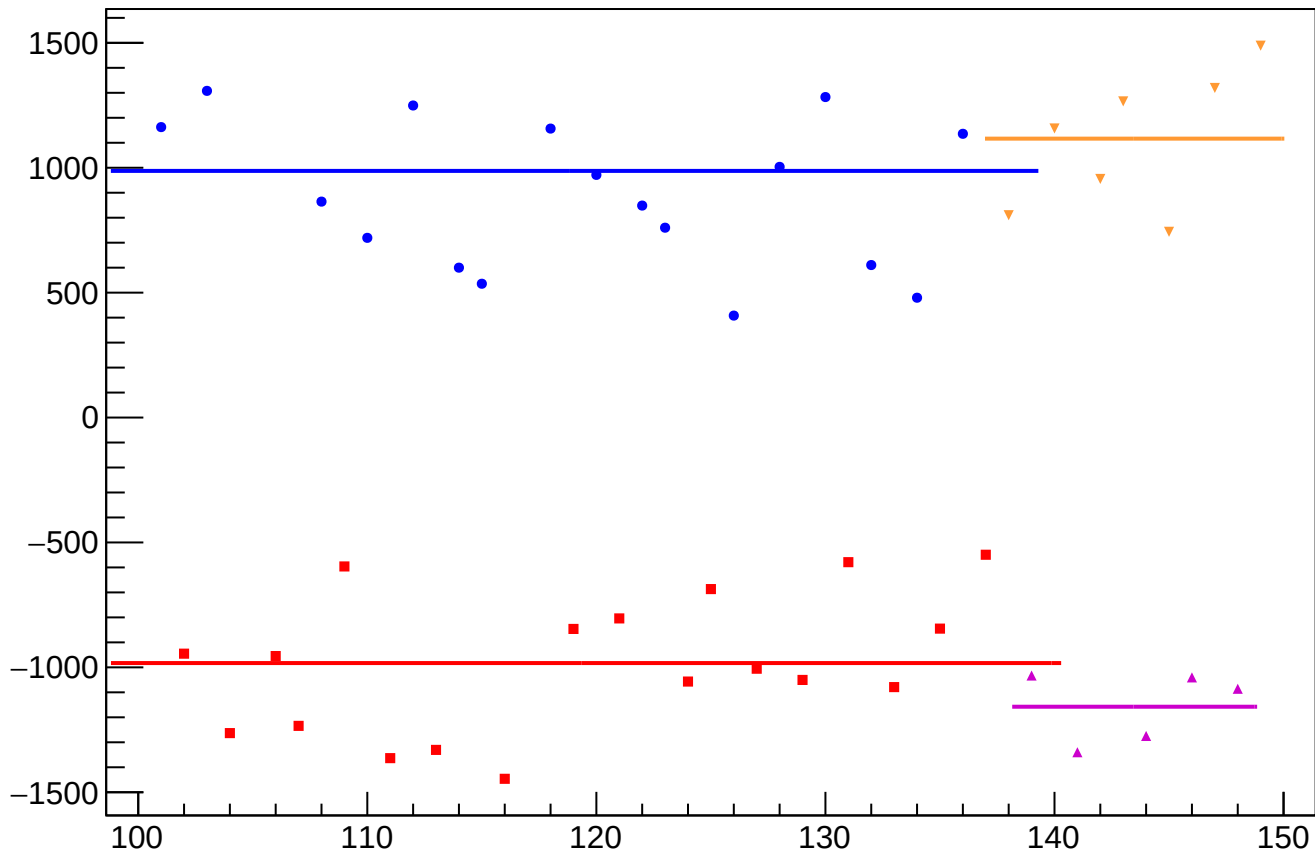
Right In: 25236.317+/-0.000 χ^2/NDF : 29071522213059582283269412071648973029376.0/16
 Left Out: 18684.817+/-0.000 χ^2/NDF : 4296992545971482710914428675865035407360.0/6
 Right Out: -26455.988+/-0.000 χ^2/NDF : 24365500126615965846523683173160051539968.0/17
 Left In: -20164.482+/-0.000 χ^2/NDF : 3509101957552607632355837568002065170432.0/4
 All: -139.133+/-0.000 χ^2/NDF : 13543166620

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 799.524+/-0.000 χ^2/NDF : 112536154235498414231657645251770712064.0/16
 Left Out: 599.978+/-0.000 χ^2/NDF : 12409544459293516284341459032567971840.0/6
 Right Out: -757.193+/-0.000 χ^2/NDF : 76794158982285513543711222288246374400.0/17
 Left In: -636.940+/-0.000 χ^2/NDF : 3441762109675552831260767877687410688.0/4
 All: 22.388+/-0.000 χ^2/NDF : 1413445278749

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000

χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1116.536+/-0.000

χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000

χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000

χ^2/NDF : 6881283599609009361703308275744768000.0/4

Left: 90.128+/-0.000 χ^2/NDF : 12401770510209141

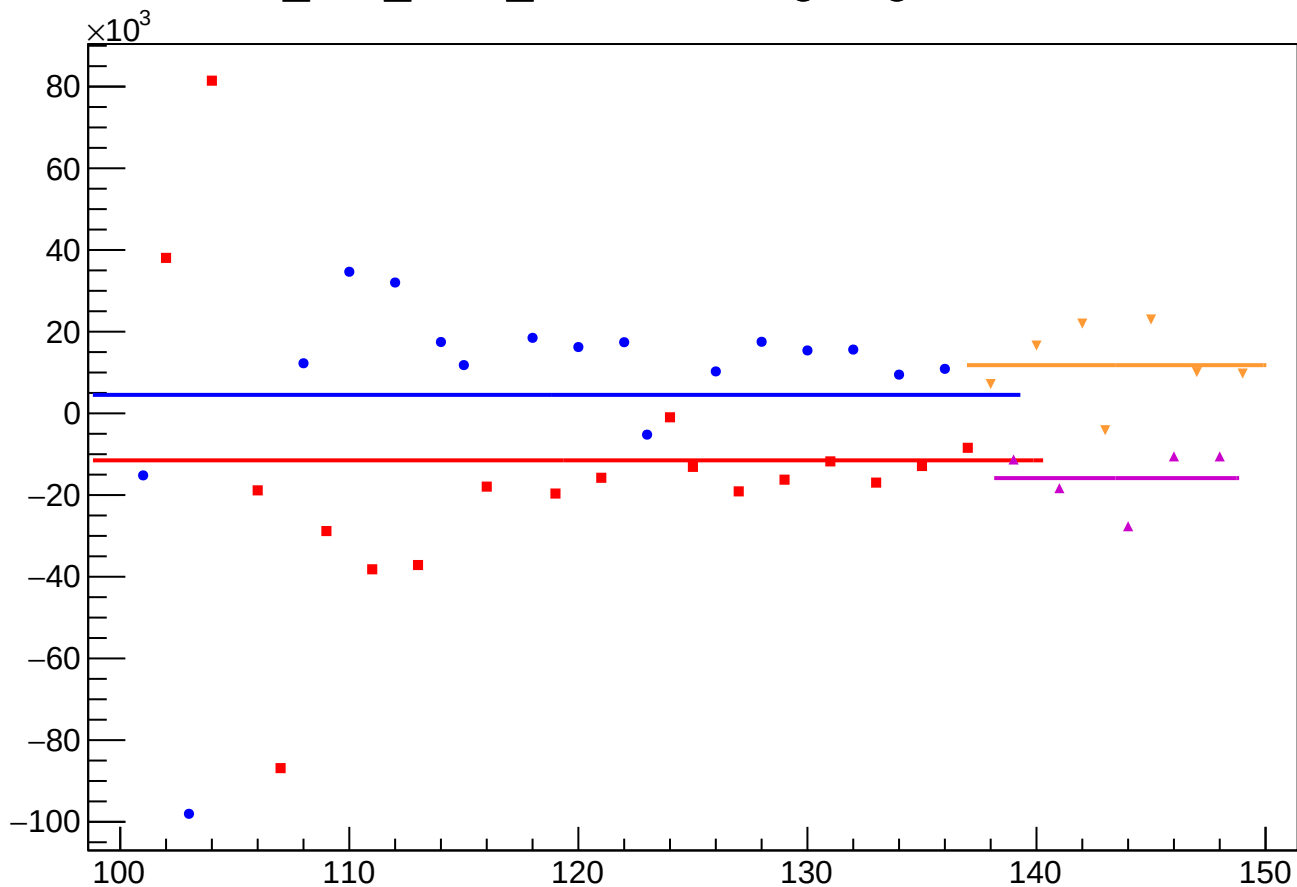
Right: -12.404+/-0.000 χ^2/NDF : 146772402174972

In: 176.285+/-0.000 χ^2/NDF : 12668851870488074

Out: -105.815+/-0.000 χ^2/NDF : 140039681432897

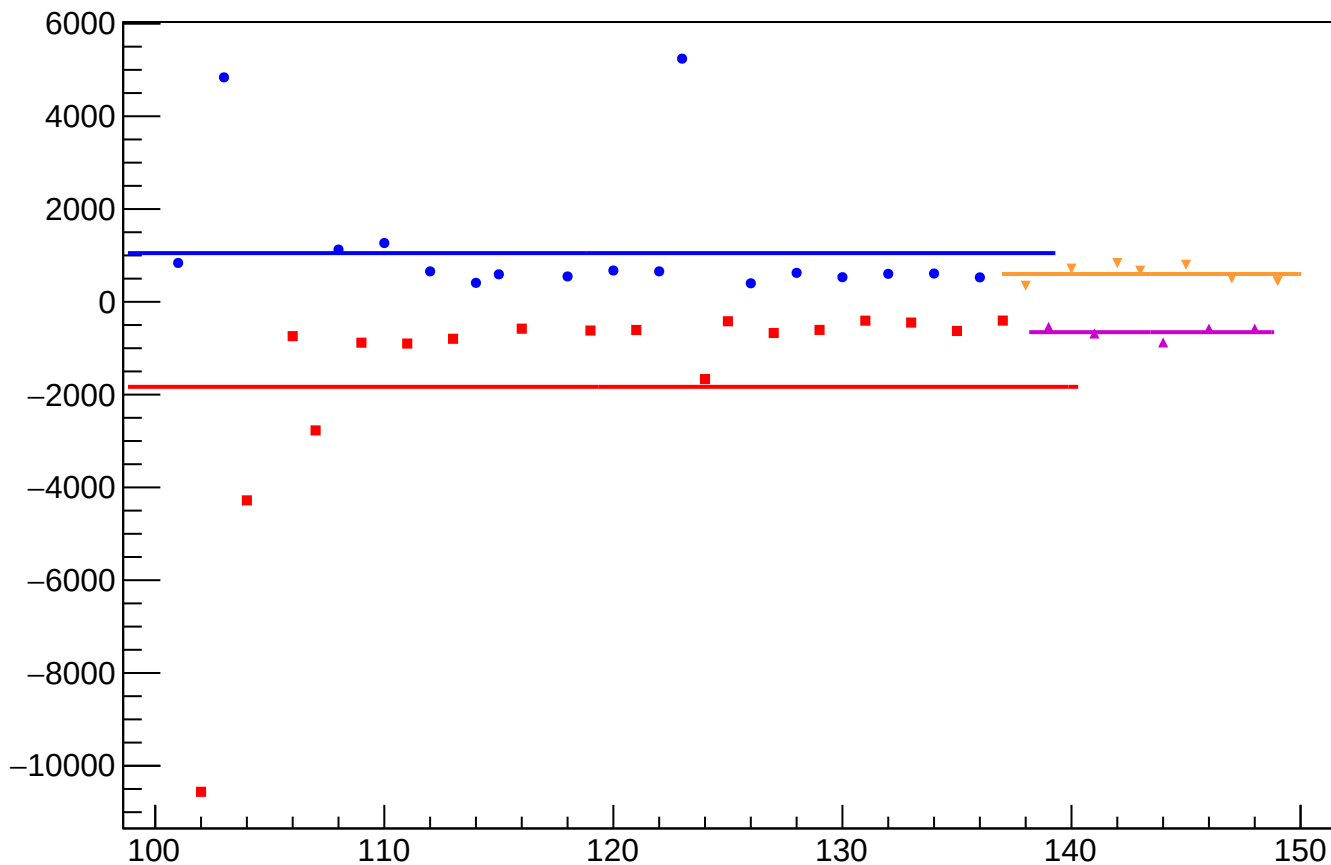
All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_atl1_coil7_mean vs Slug, Sign Corrected



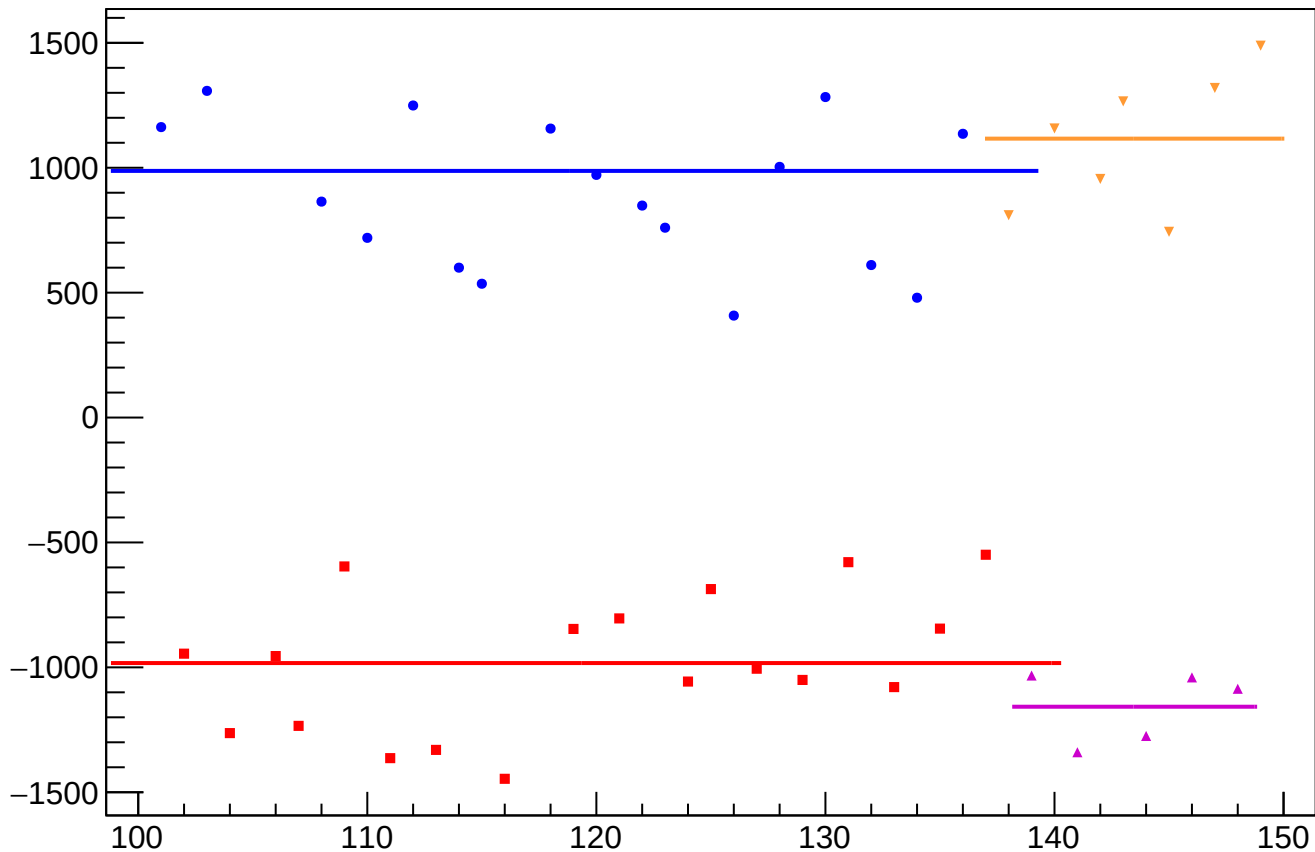
Right In: 4528.489 ± 0.000 $\chi^2/\text{NDF}: 765984421186945141508299673026645807071232.0/16$
 Left Out: 11801.569 ± 0.000 $\chi^2/\text{NDF}: 35657474768747754011494539545067122589696.0/6$
 Right Out: -11503.298 ± 0.000 $\chi^2/\text{NDF}: 877839720750399952947204251622051720200192.0/17$
 Left In: -15851.120 ± 0.000 $\chi^2/\text{NDF}: 19282475865438032300462998438805403336704.0/4$
 All: -2439.017 ± 0.000 $\chi^2/\text{NDF}: 1971145086$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



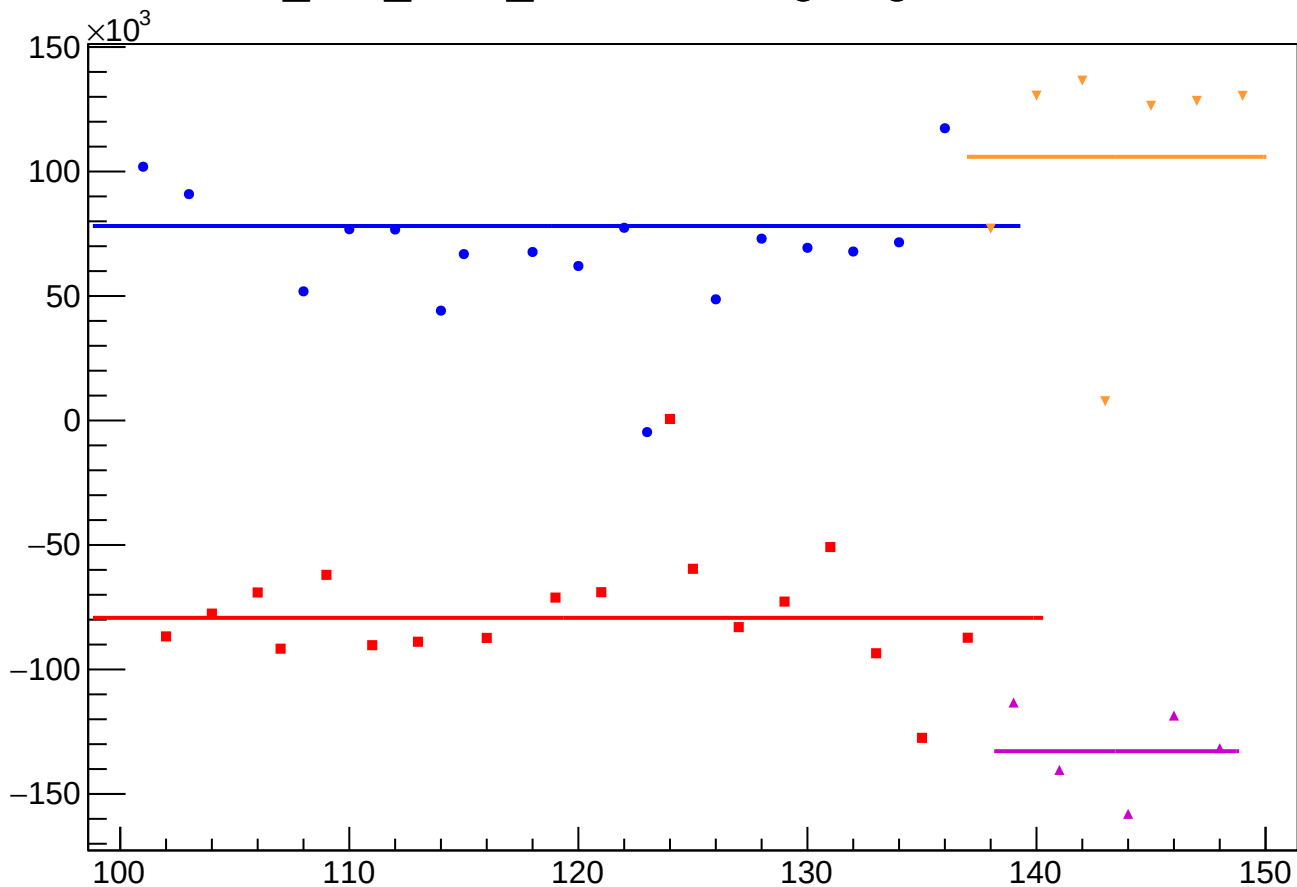
Left: 34.321 +/- 0.000 χ^2/NDF : 38551787893249697
 Right In: 1049.780 +/- 0.000 χ^2/NDF : 1038421858157169578640574748223478956032.0/16
 Right: -412.465 +/- 0.000 χ^2/NDF : 95232722558103
 Left Out: 600.454 +/- 0.000 χ^2/NDF : 14752205535312324905780190074317570048.0/6
 In: 405.559 +/- 0.000 χ^2/NDF : 18065849414078173
 Right Out: -1831.763 +/- 0.000 χ^2/NDF : 5560667897153995144780835972954558824448.0/17
 Out: -815.698 +/- 0.000 χ^2/NDF : 734239228742790
 Left In: -653.893 +/- 0.000 χ^2/NDF : 6470079686841471282034024574865113088.0/4
 All: -234.246 +/- 0.000 χ^2/NDF : 10020982830

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388 $\pm$ 0.000 χ^2 /NDF: 52571386835815299758771040245189181440.0/16
 Left Out: 1116.536 $\pm$ 0.000 χ^2 /NDF: 35848644445506034799338306364002795520.0/6
 Right Out: -982.831 $\pm$ 0.000 χ^2 /NDF: 48106250951114292454819733992816771072.0/17
 Left In: -1157.614 $\pm$ 0.000 χ^2 /NDF: 6881283599609009361703308275744768000.0/4
 All: 28.495 $\pm$ 0.000 χ^2 /NDF: 2713809682900

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 78120.227+/-0.000

χ^2/NDF : 308820964030920149649775995002991312633856.0/16

Left Out: 105902.977+/-0.000

χ^2/NDF : 925767945811665326432112322812467799392256.0/6

Right Out: -79260.499+/-0.000

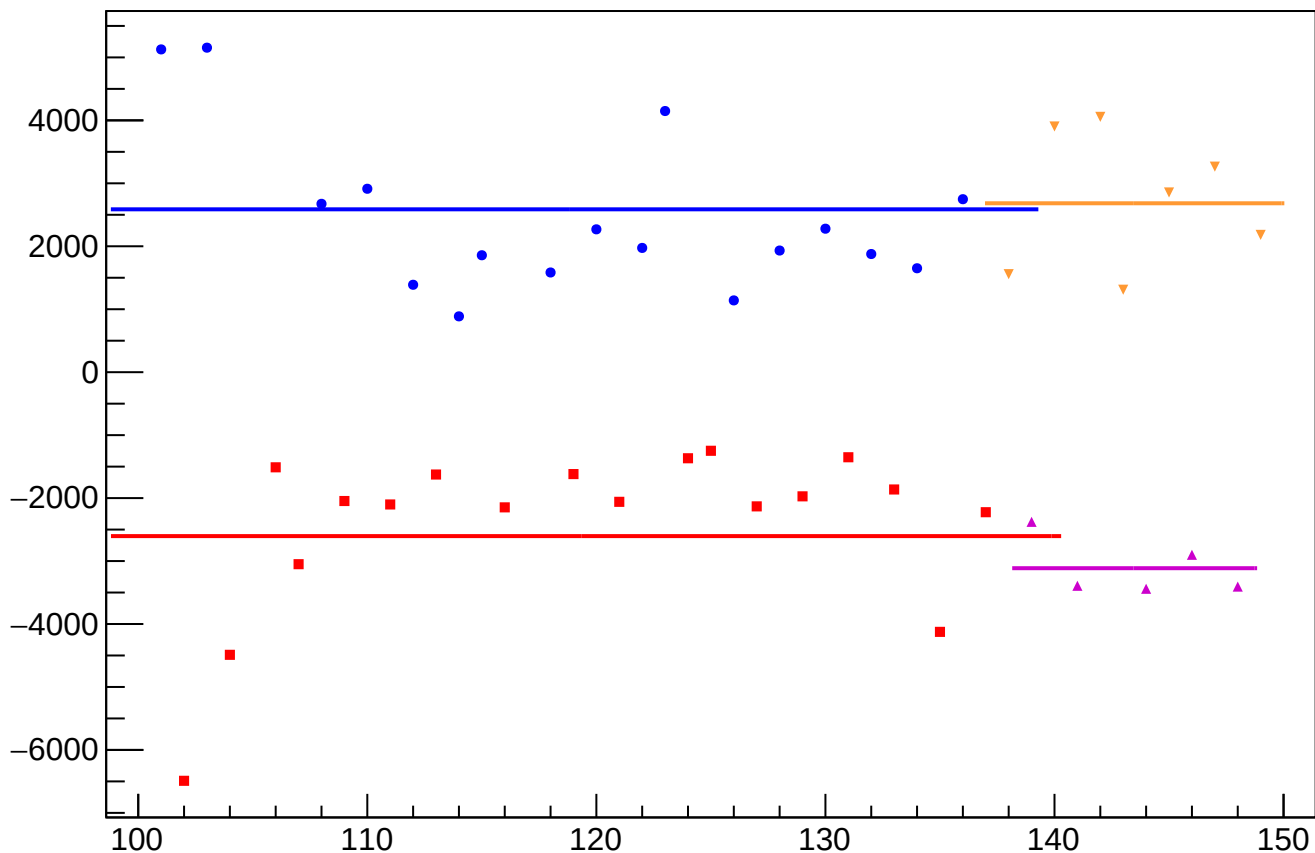
χ^2/NDF : 303215964703866066986504542190112711114752.0/17

Left In: -132829.433+/-0.000

χ^2/NDF : 109212177927411426288556527425934728364032.0/4

All: -1783.964+/-0.000 χ^2/NDF : 2356581624

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2586.924+/-0.000

Left Out: 2682.902+/-0.000

Right Out: -2603.762+/-0.000

Left In: -3113.525+/-0.000

χ^2/NDF : 1122415737488478857695553804598689923072.0/16

χ^2/NDF : 483825635376573186442759314210539175936.0/6

χ^2/NDF : 1547340202870581842616287406625719844864.0/17

χ^2/NDF : 71000826393455348997201644104554905600.0/4

Left: 66.761+/-0.000 χ^2/NDF : 83340991174724215

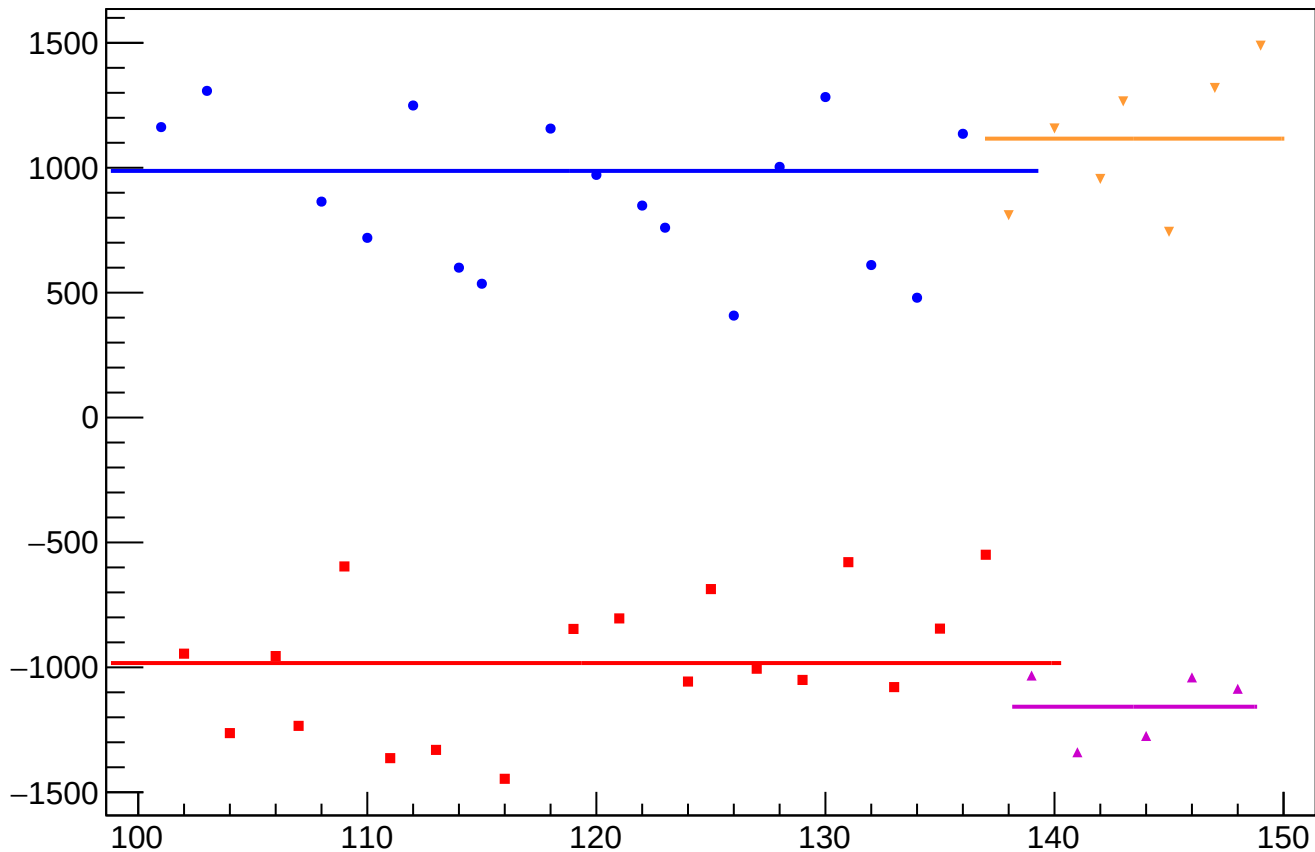
Right: -47.101+/-0.000 χ^2/NDF : 121583994305653

In: 431.378+/-0.000 χ^2/NDF : 97209991070270992

Out: -395.245+/-0.000 χ^2/NDF : 103792827118047

All: -1.682+/-0.000 χ^2/NDF : 2049978498799

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000

χ^2/NDF : 52571386835815299758771040245189181440.0/16

Left Out: 1116.536+/-0.000

χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000

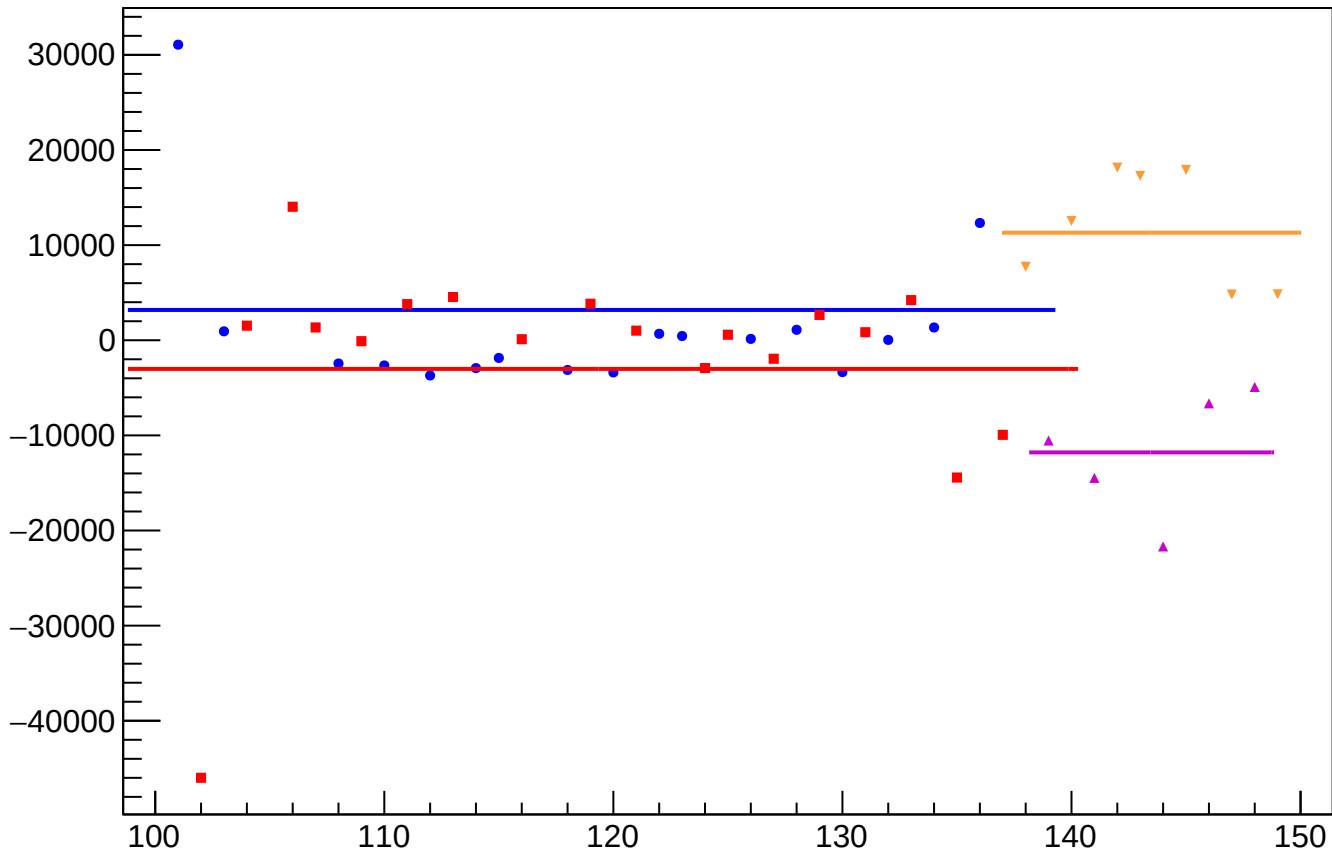
χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000

χ^2/NDF : 6881283599609009361703308275744768000.0/4

All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3187.051+/-0.000

χ^2/NDF : 66270389171193911836791515591398561677312.0/16

Left: 882.346+/-0.000 χ^2/NDF : 1550156729351653

Right: 41.126+/-0.000 χ^2/NDF : 2179624925912222

Left Out: 11306.242+/-0.000

χ^2/NDF : 15890957059969300834681290789999991586816.0/6

In: -2476.071+/-0.000 χ^2/NDF : 140752718678345

Right Out: -3012.400+/-0.000

χ^2/NDF : 138157018088298657463529912150565226283008.0/17

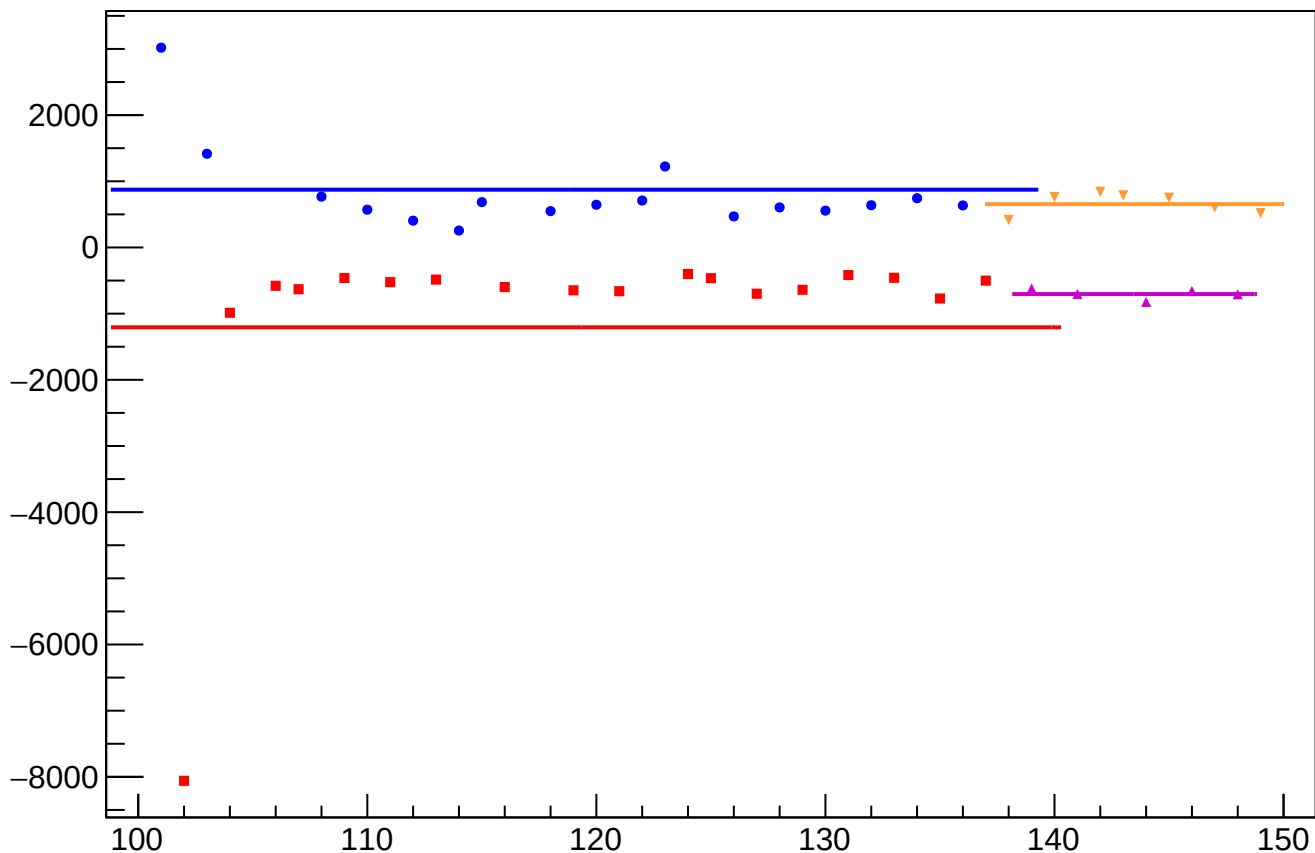
Out: 2969.247+/-0.000 χ^2/NDF : 215287066681181

Left In: -11789.357+/-0.000

χ^2/NDF : 15621953772937010312814264478115999776768.0/4

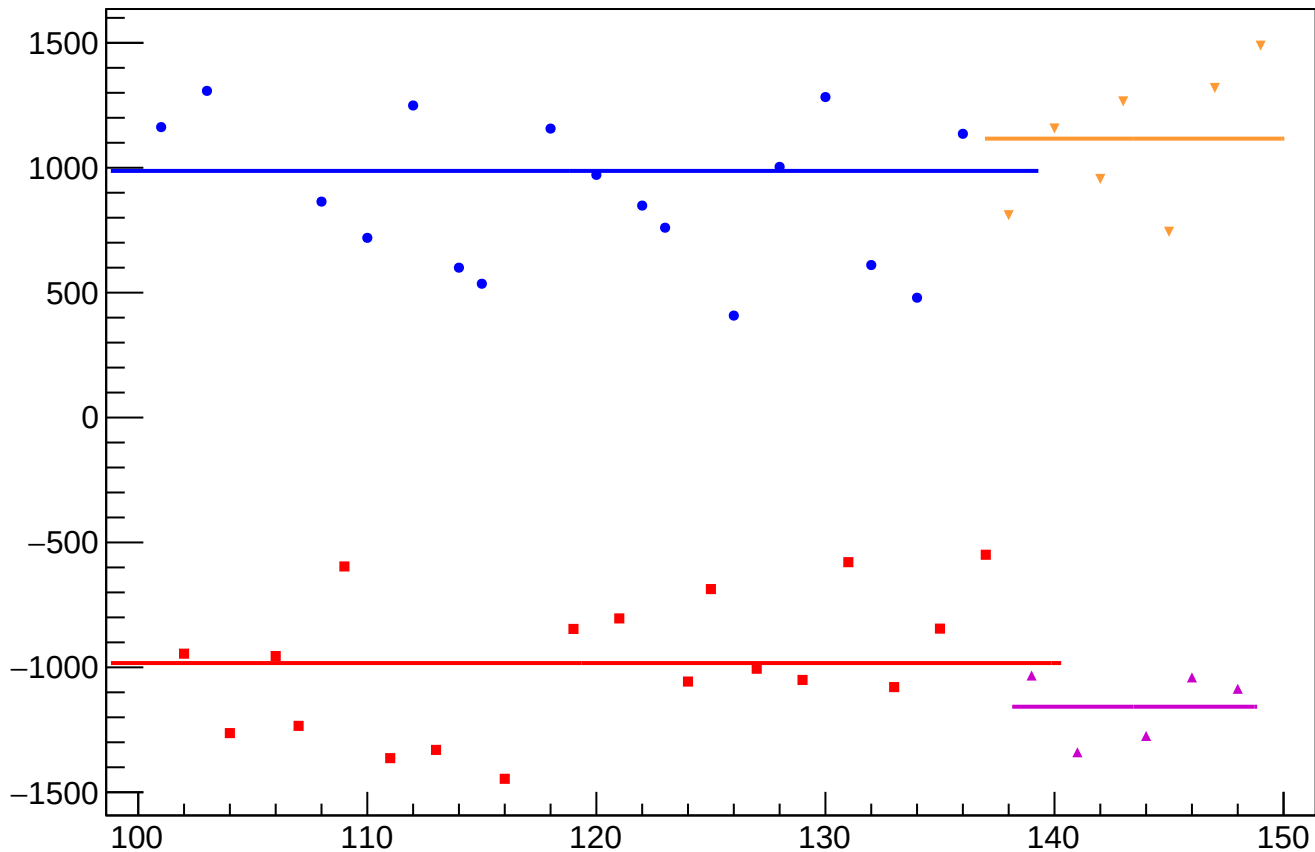
All: 376.681+/-0.000 χ^2/NDF : 373375891592

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



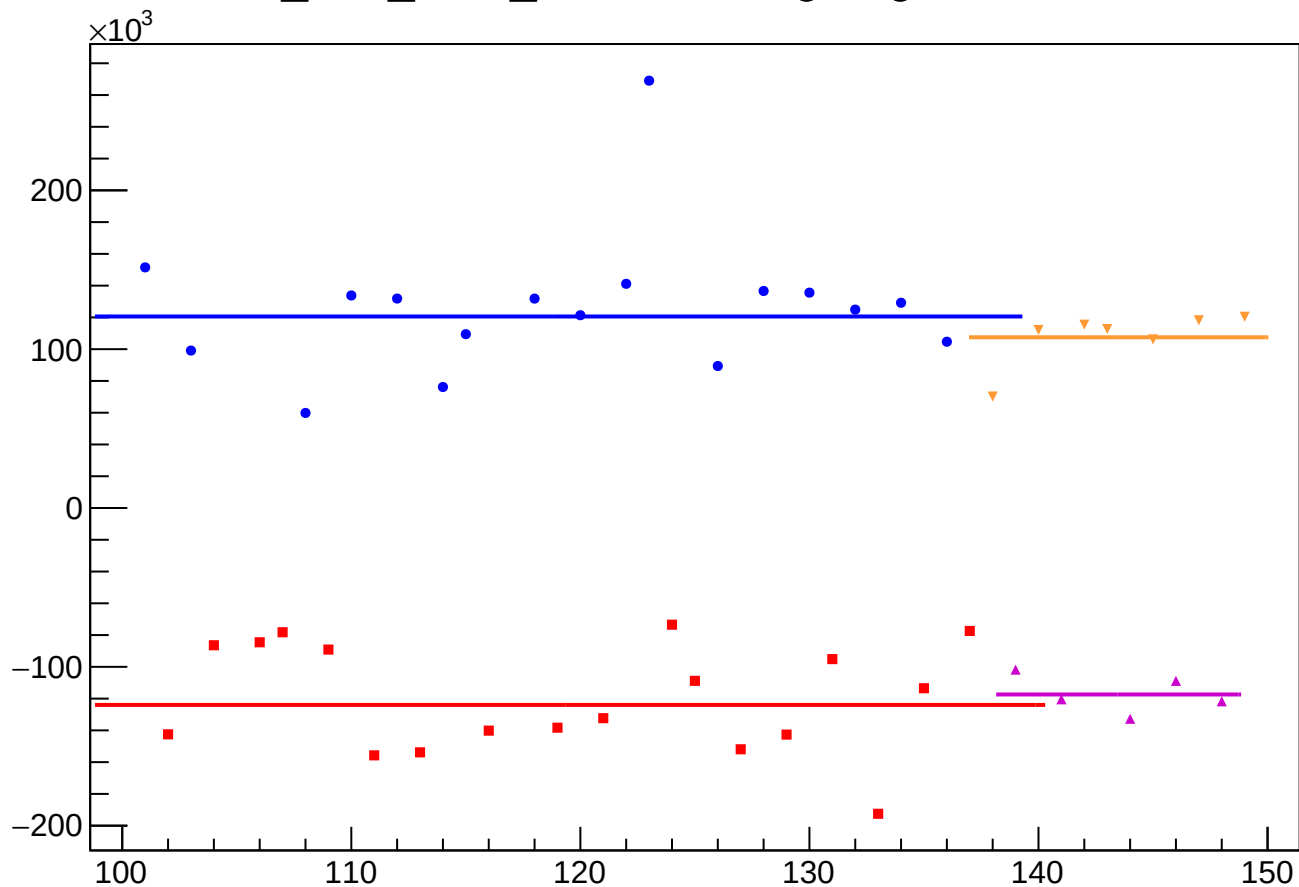
Right In: 873.306+/-0.000 χ^2/NDF : 340993590653355605867273192516364533760.0/16
 Left Out: 654.732+/-0.000 χ^2/NDF : 10675705101159486034705238613674688512.0/6
 Right Out: -1206.661+/-0.000 χ^2/NDF : 2979483538609797767268010500388070359040.0/17
 Left In: -703.855+/-0.000 χ^2/NDF : 2005807768507748677174660343690952704.0/4
 All: -92.934+/-0.000 χ^2/NDF : 531223830460

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16
 Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6
 Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17
 Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4
 All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 120586.708 $\pm$ 0.000

χ^2/NDF : 463702909226593065118055925390873188106240.0/16

Left Out: 107487.857 $\pm$ 0.000

χ^2/NDF : 138145120400408211296581307653018169114624.0/6

Right Out: -123970.573 $\pm$ 0.000

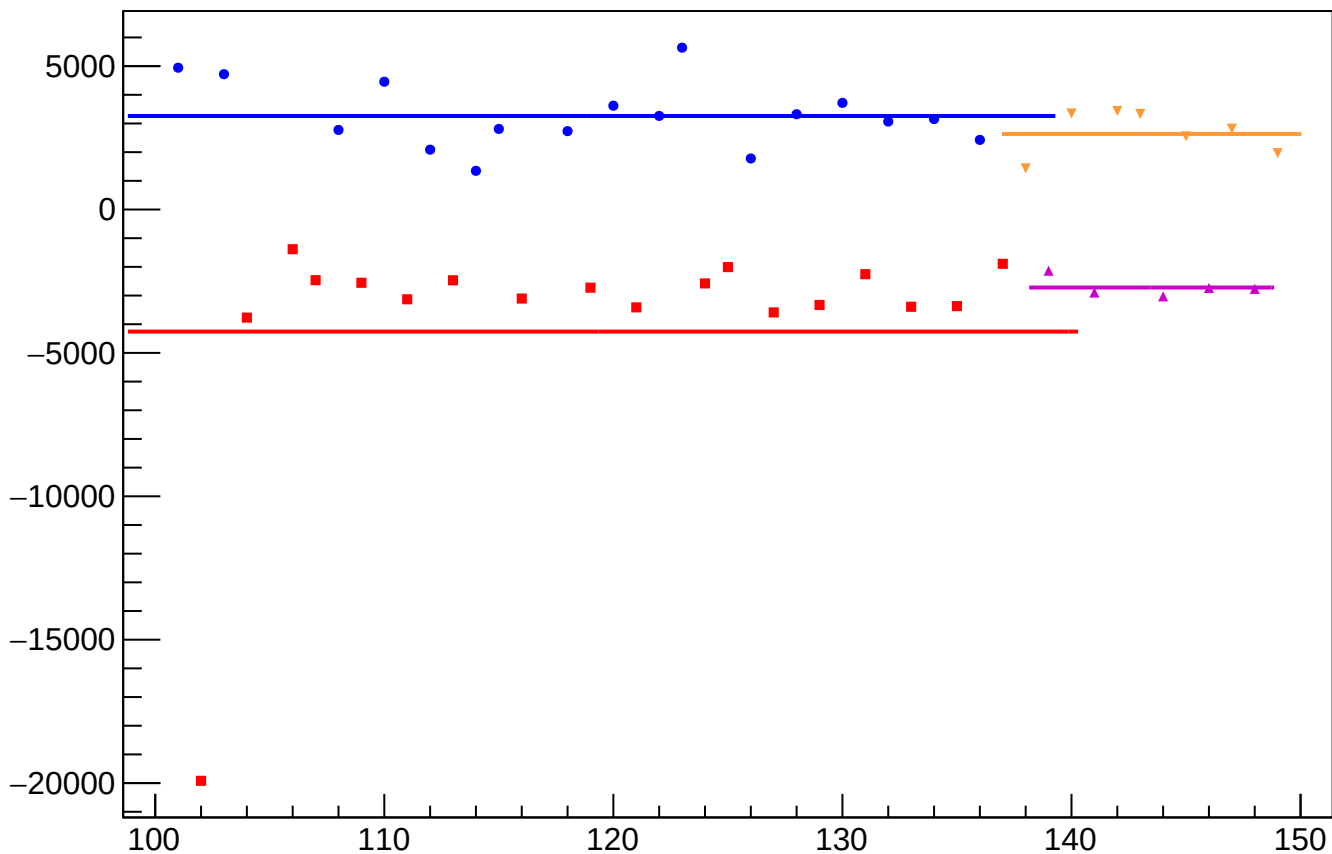
χ^2/NDF : 754871099831913254311543250015602251661312.0/17

Left In: -117394.498 $\pm$ 0.000

χ^2/NDF : 49123889207597793371493461890337192542208.0/4

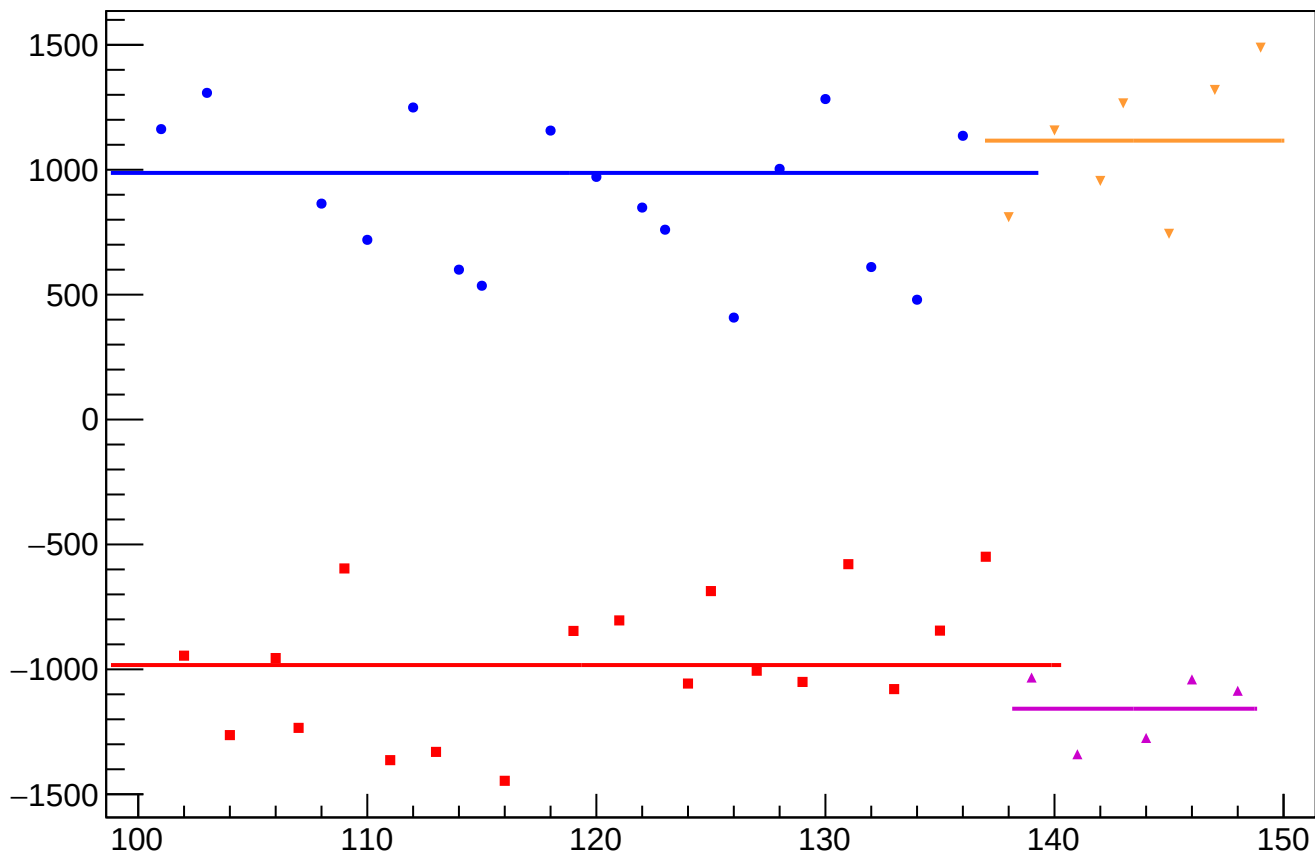
All: 276.881 $\pm$ 0.000 χ^2/NDF : 342286435977

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



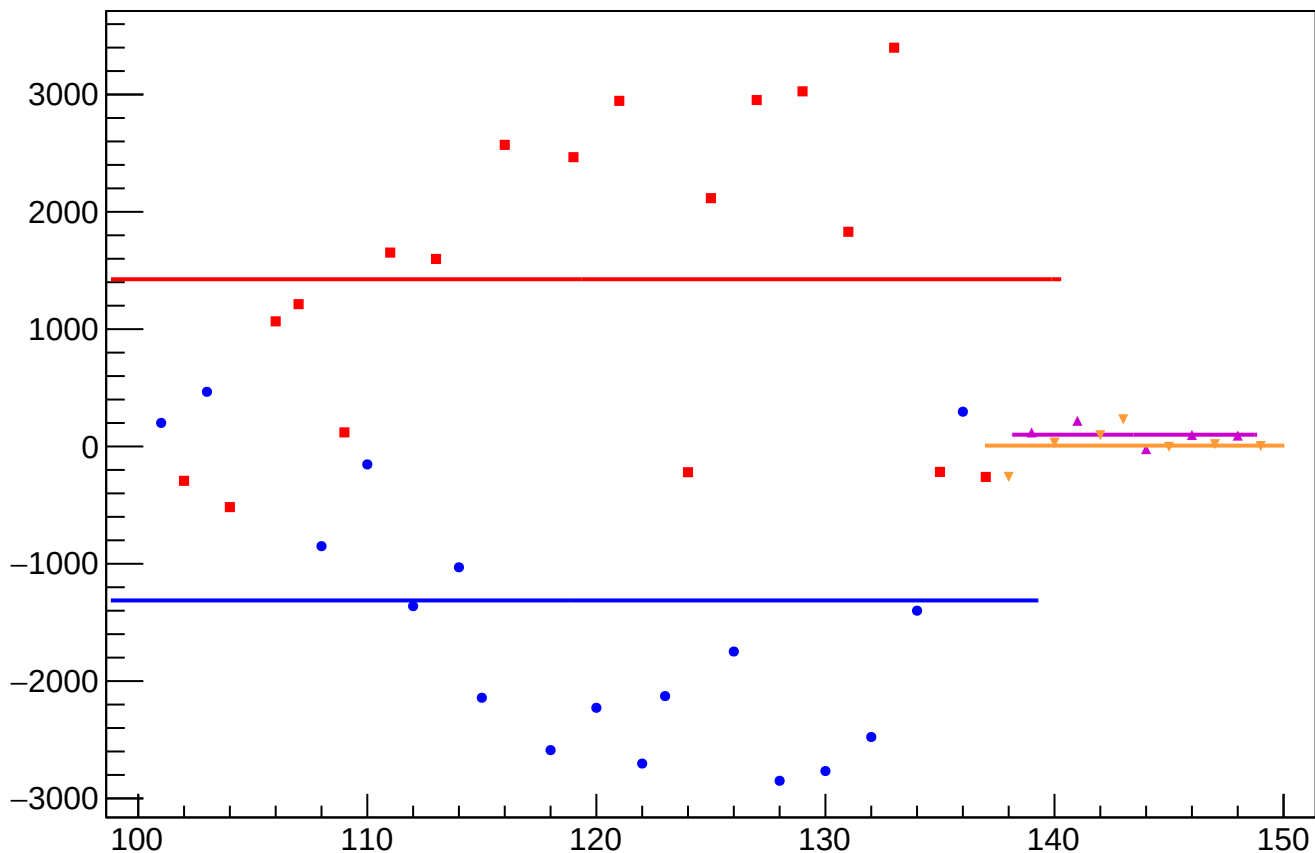
Right In: 3260.820 ± 0.000 $\chi^2/\text{NDF}: 672456168638567614426723356415113560064.0/16$
 Left Out: 2634.668 ± 0.000 $\chi^2/\text{NDF}: 257041637250577475462122009533200990208.0/6$
 Right Out: -4256.861 ± 0.000 $\chi^2/\text{NDF}: 15744364448860197338037677656678376407040.0/17$
 Left In: -2720.048 ± 0.000 $\chi^2/\text{NDF}: 39119494965550438224074167585653915648.0/4$
 All: -246.127 ± 0.000 $\chi^2/\text{NDF}: 43589876904$

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



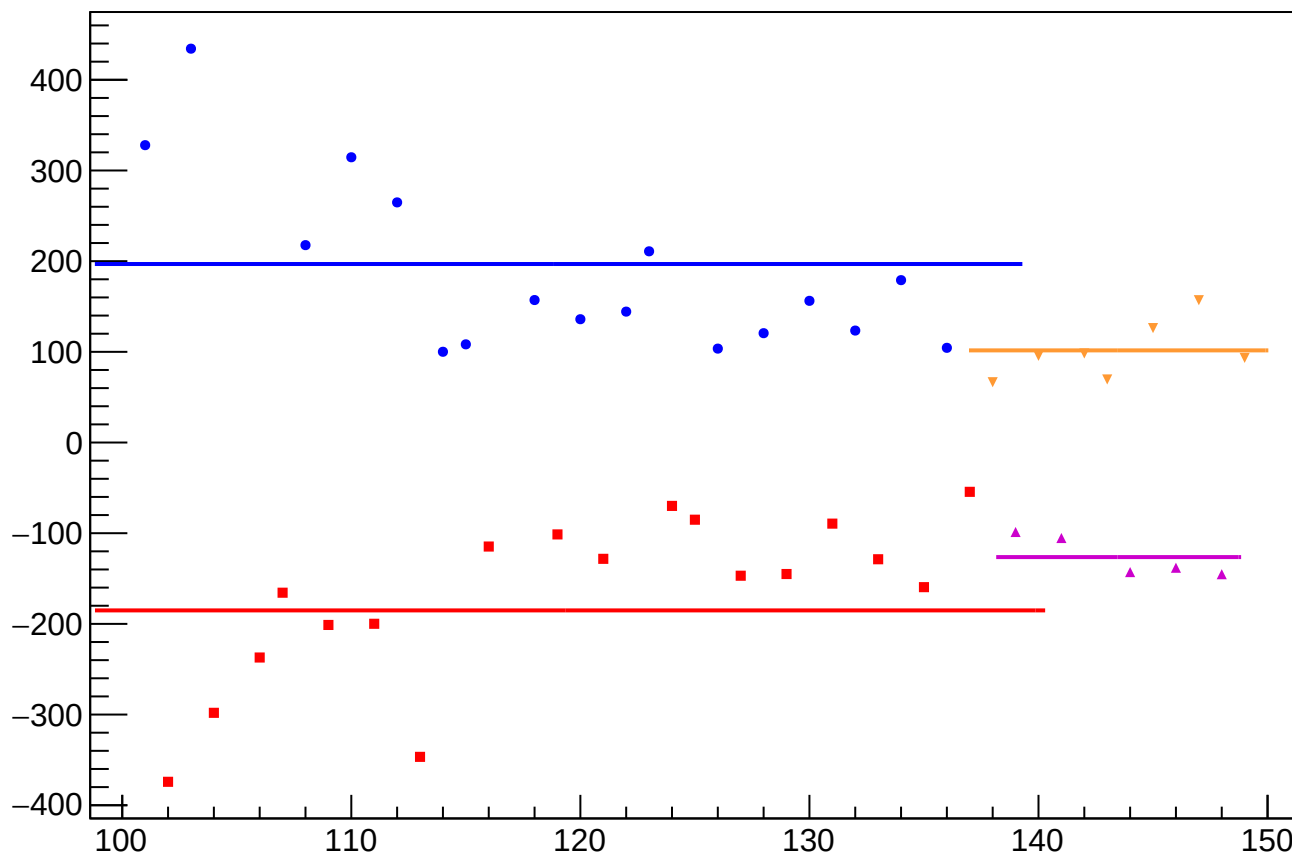
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16
 Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6
 Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17
 Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4
 All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam1_coil7_mean vs Slug, Sign Corrected



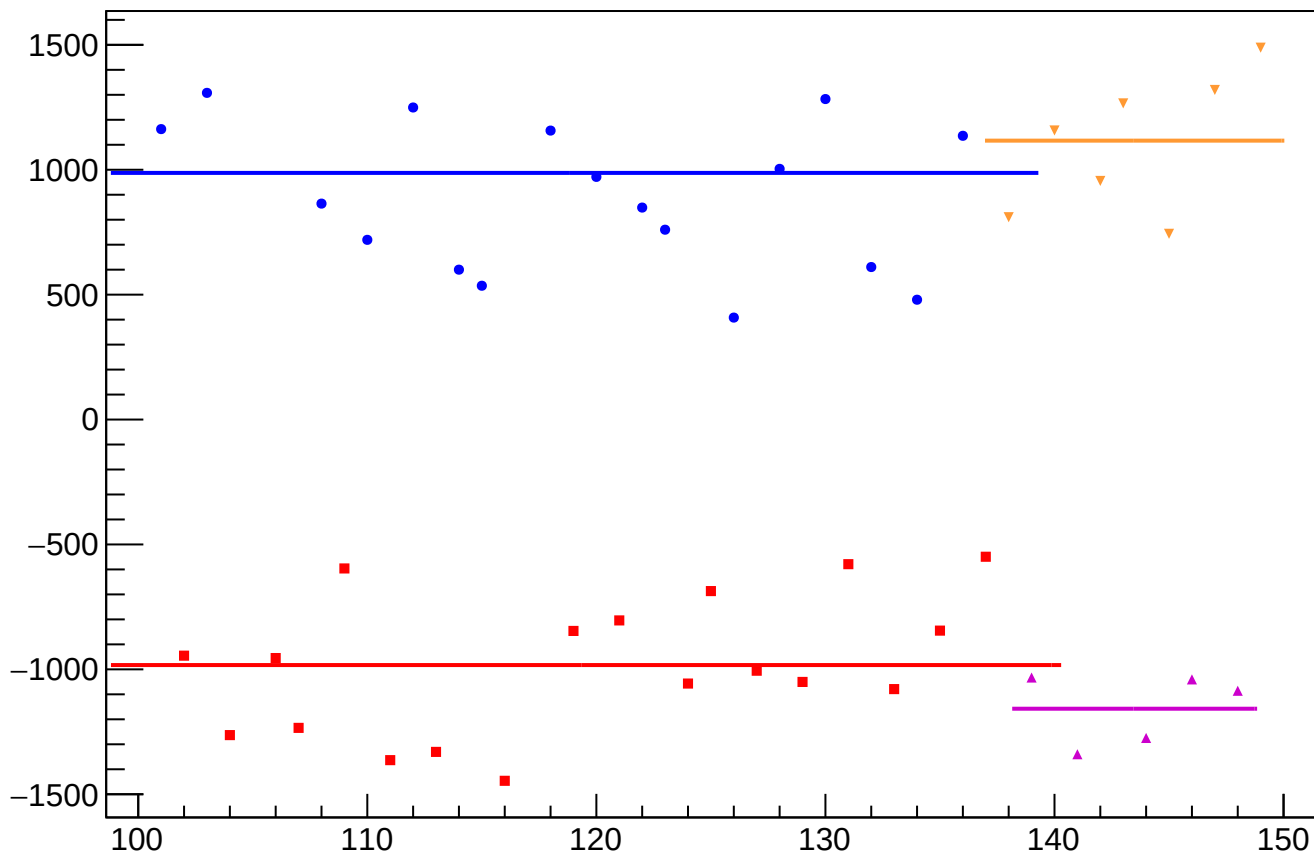
Left: 49.261+/-0.000 χ^2/NDF : 13914794937680192
 Right In: -1312.539+/-0.000 χ^2/NDF : 1111791822009253468495433607153226612736.0/16
 Left Out: 7.374+/-0.000 χ^2/NDF : 9351293894212884486504076391577812992.0/6
 Right: 76.793+/-0.000 χ^2/NDF : 5011395418904363
 In: -778.339+/-0.000 χ^2/NDF : 1638105173687712
 Right Out: 1425.319+/-0.000 χ^2/NDF : 1259772432394270570555753847649915109376.0/17
 Out: 832.969+/-0.000 χ^2/NDF : 1869666235885729
 Left In: 100.180+/-0.000 χ^2/NDF : 2569282310689702884992223850436493312.0/4
 All: 65.810+/-0.000 χ^2/NDF : 5025736247605

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



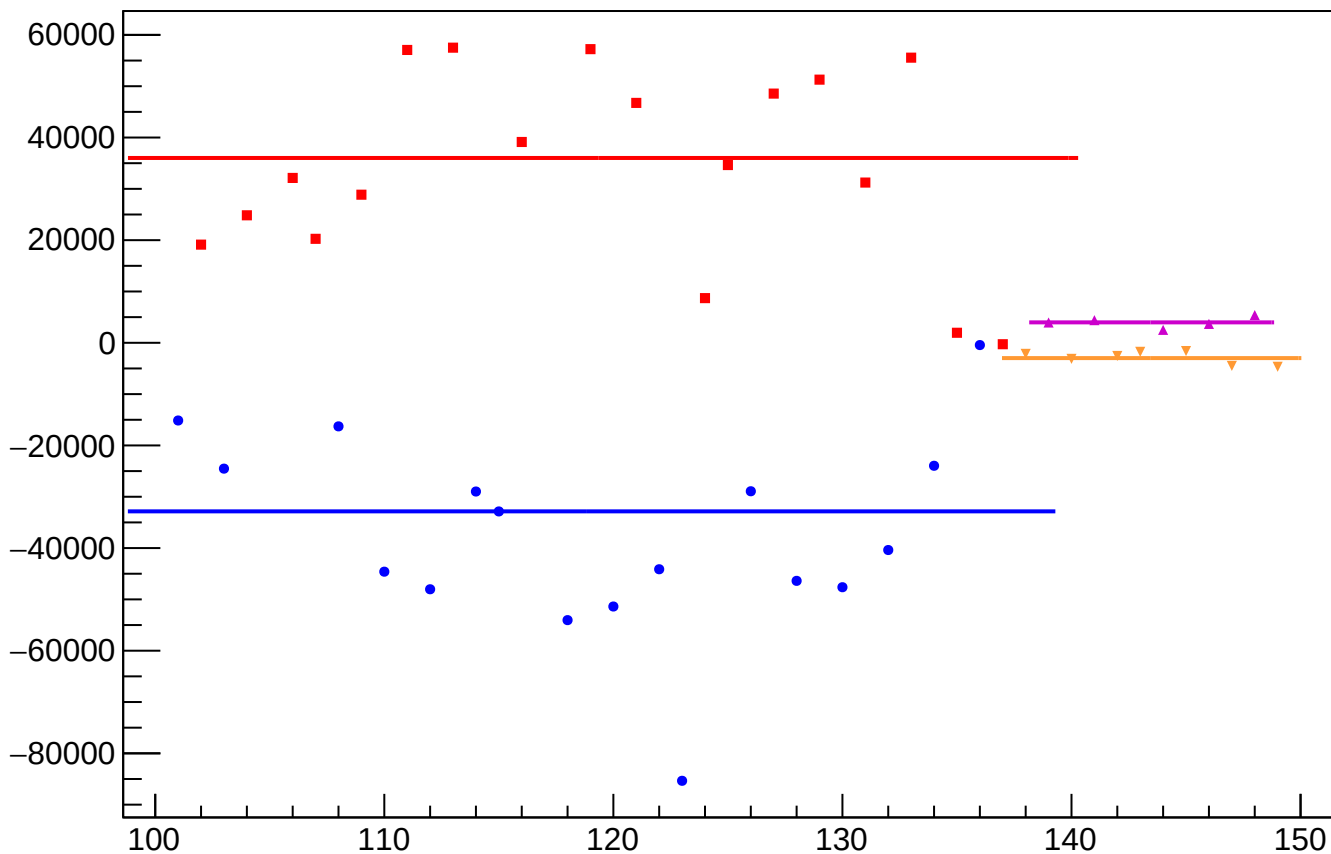
Right In: 196.858 +/- 0.000 χ^2/NDF : 7337666778319090402870822115647422464.0/16
 Left Out: 101.610 +/- 0.000 χ^2/NDF : 460403279349076314564375841809104896.0/6
 Right Out: -185.135 +/- 0.000 χ^2/NDF : 6160706554997434160213032977968398336.0/17
 Left In: -126.342 +/- 0.000 χ^2/NDF : 165420420828832145350307592756264960.0/4
 All: 1.304 +/- 0.000 χ^2/NDF : 77554106196710

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



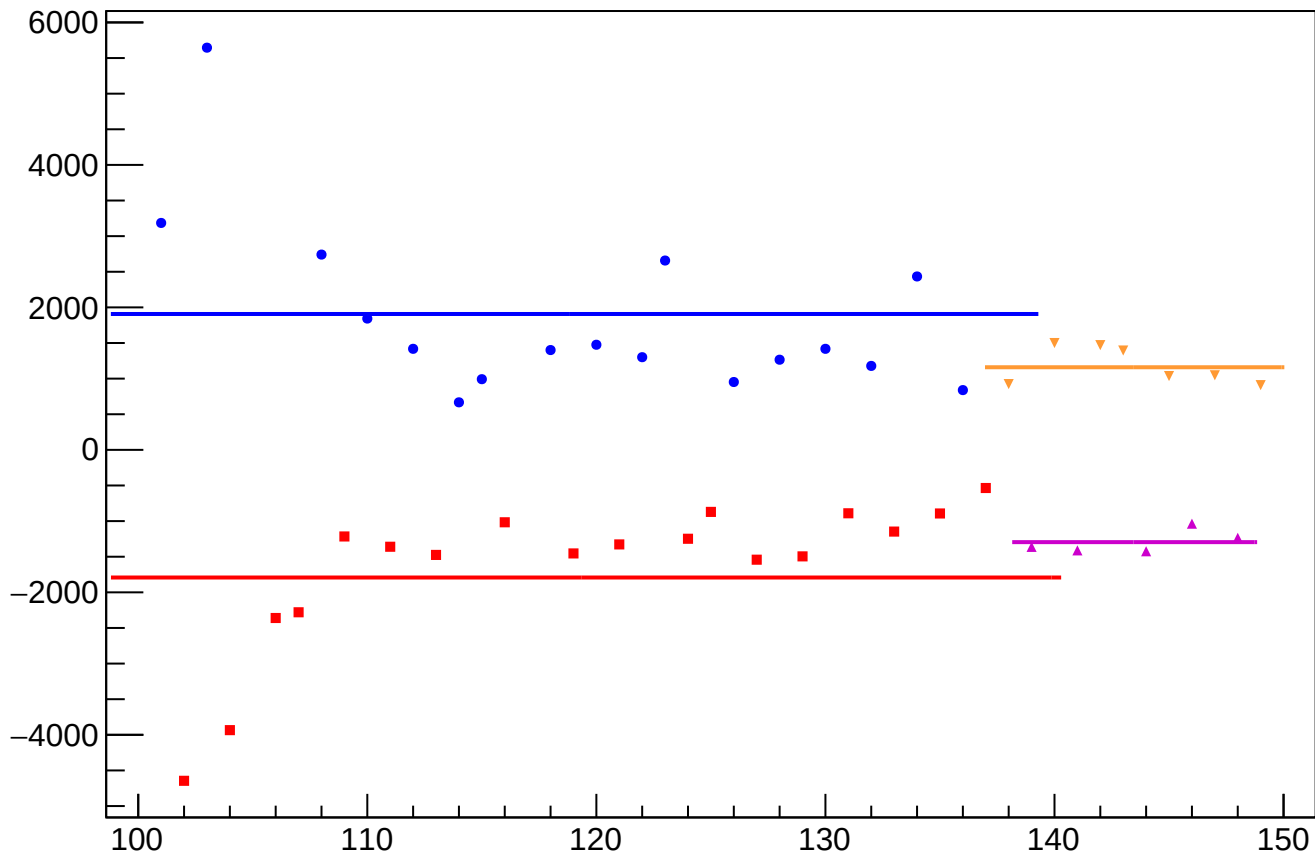
Left: 90.128+/-0.000 χ^2/NDF : 1240177051020914
 Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16
 Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6
 Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17
 Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4
 All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam2_coil7_mean vs Slug, Sign Corrected



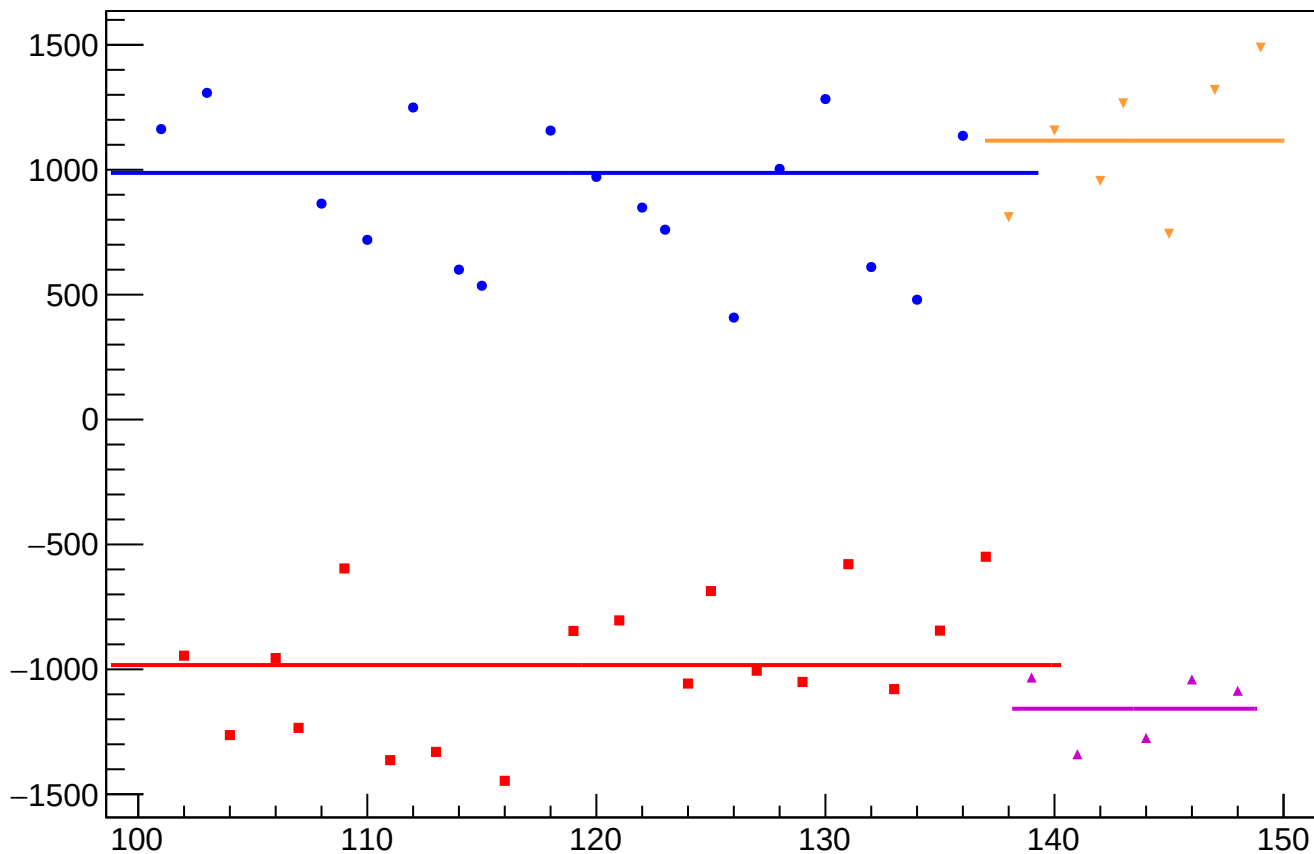
Right In: -32846.038+/-0.000 χ^2/NDF : 219637368732777746312600570455176987541504.0/16
 Left Out: -2980.948+/-0.000 χ^2/NDF : 729876774022436613540607611313386946560.0/6
 Right Out: 36017.918+/-0.000 χ^2/NDF : 228867649175680979480074989628486510968832.0/17
 Left In: 3981.230+/-0.000 χ^2/NDF : 382816675428781050281215349217755660288.0/4
 All: 1326.158+/-0.000 χ^2/NDF : 21330356419

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1907.271+/-0.000 χ^2/NDF : 1224904405299911350916968067746563620864.0/16
 Left Out: 1159.570+/-0.000 χ^2/NDF : 29436940758528482580940366105416826880.0/6
 Right Out: -1791.825+/-0.000 χ^2/NDF : 941640864566938486349149292441762791424.0/17
 Left In: -1295.288+/-0.000 χ^2/NDF : 8839998612684878662022971870125490176.0/4
 All: 38.711+/-0.000 χ^2/NDF : 8419268871509

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

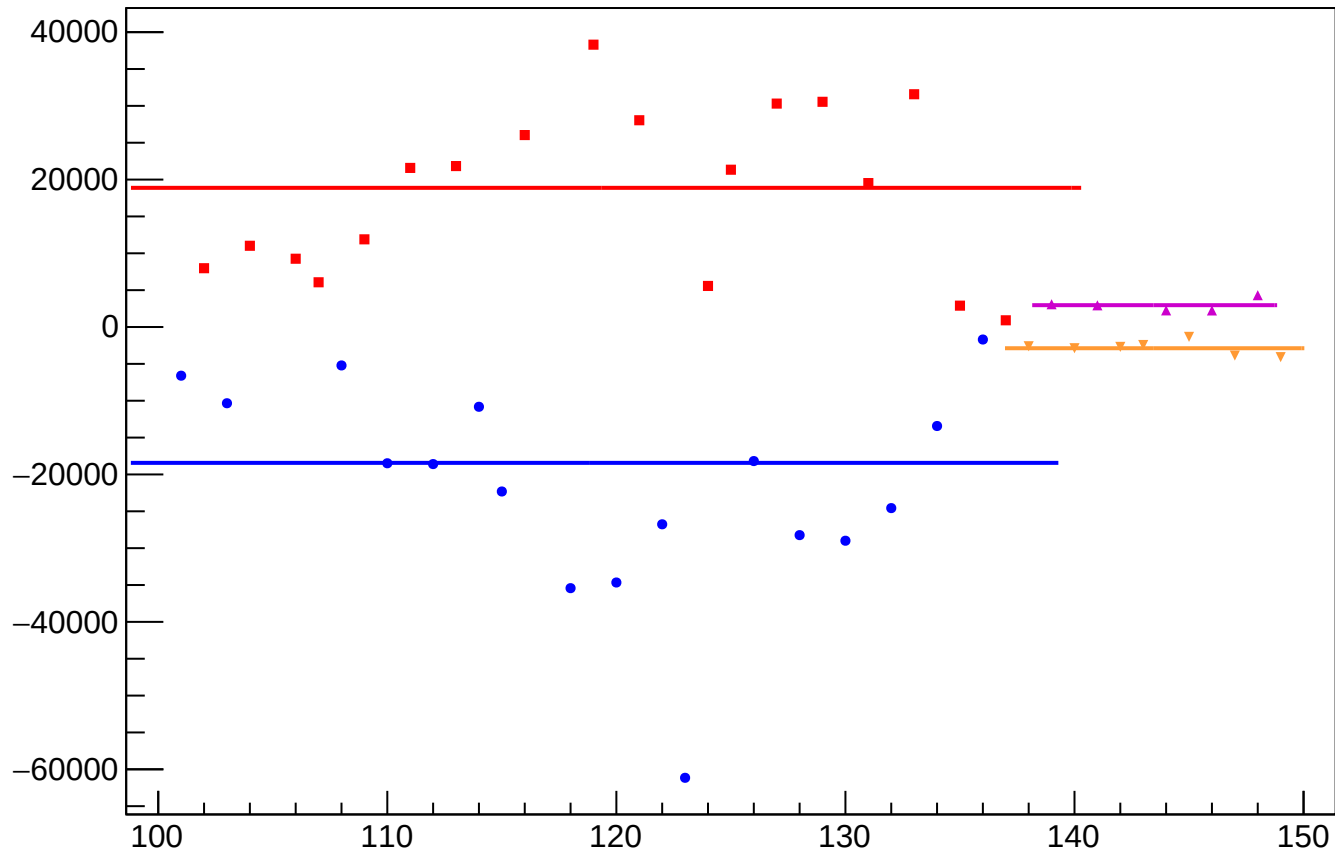
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

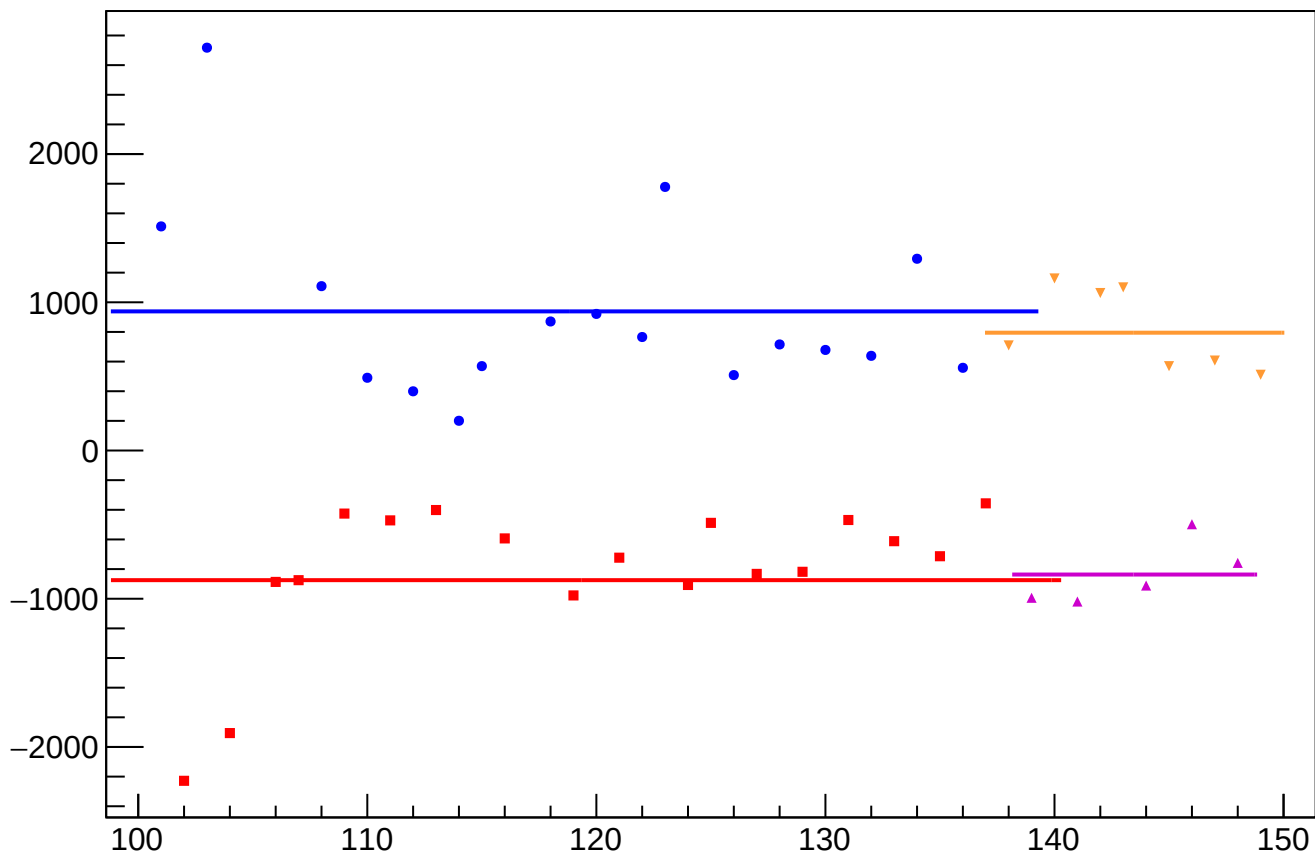
All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam3_coil7_mean vs Slug, Sign Corrected



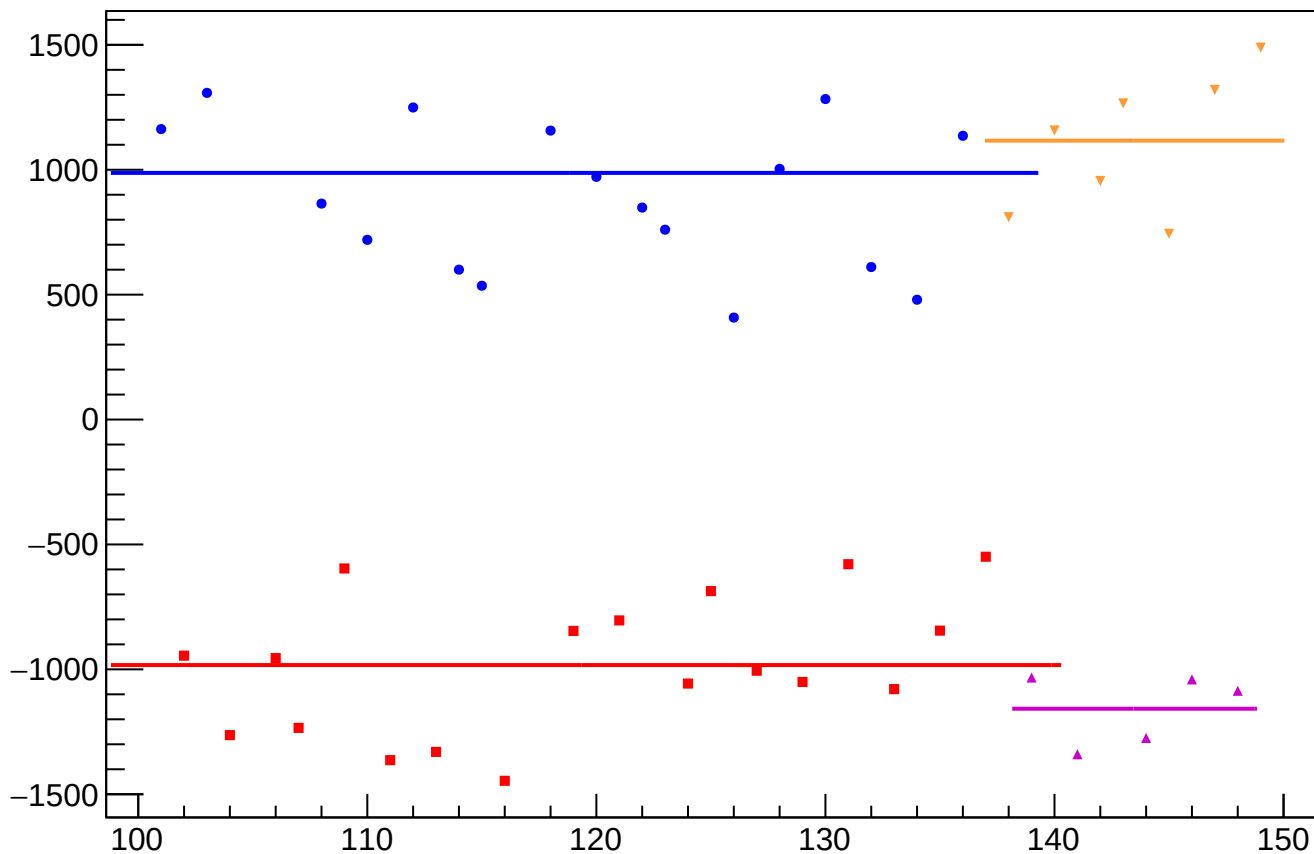
Right In: -18428.768 ± 0.000 $\chi^2/\text{NDF}: 91790167940984507561863911678204862005248.0/16$
 Left Out: -2878.943 ± 0.000 $\chi^2/\text{NDF}: 405685235416221620808620807942188302336.0/6$
 Right Out: 18880.571 ± 0.000 $\chi^2/\text{NDF}: 85627666736634579824962235279591398703104.0/17$
 Left In: 2962.916 ± 0.000 $\chi^2/\text{NDF}: 241501614534055787488089636227254321152.0/4$
 All: 206.270 ± 0.000 $\chi^2/\text{NDF}: 676498140683$

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 938.658 +/- 0.000 χ^2/NDF : 274123287156186942430302567816841134080.0/16
 Left Out: 794.907 +/- 0.000 χ^2/NDF : 34614077908080069347571561657765199872.0/6
 Right Out: -874.671 +/- 0.000 χ^2/NDF : 212705560210060381413787152265269739520.0/17
 Left In: -836.740 +/- 0.000 χ^2/NDF : 15379853723367643671275523508409466880.0/4
 All: 34.438 +/- 0.000 χ^2/NDF : 2312130564808.0/16

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

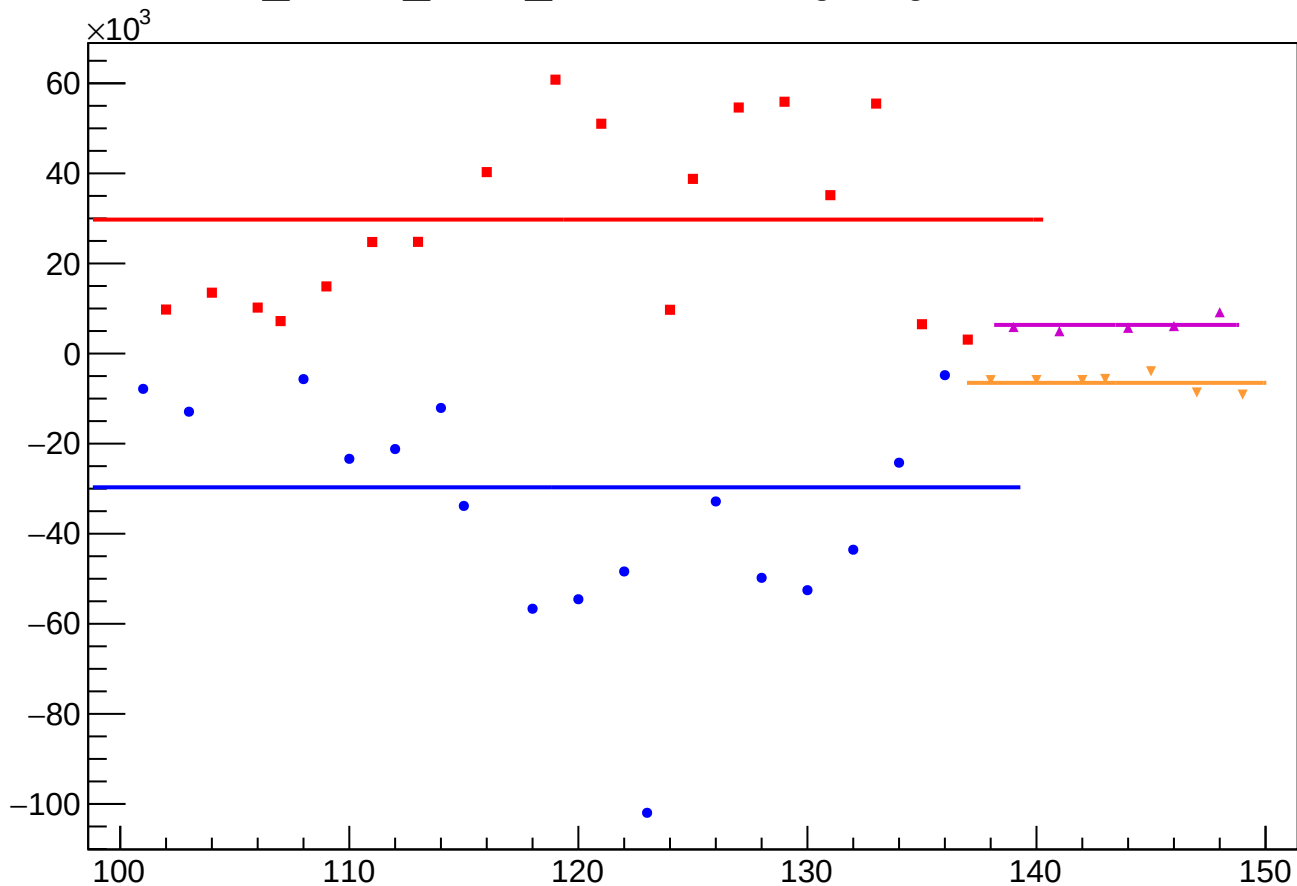
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

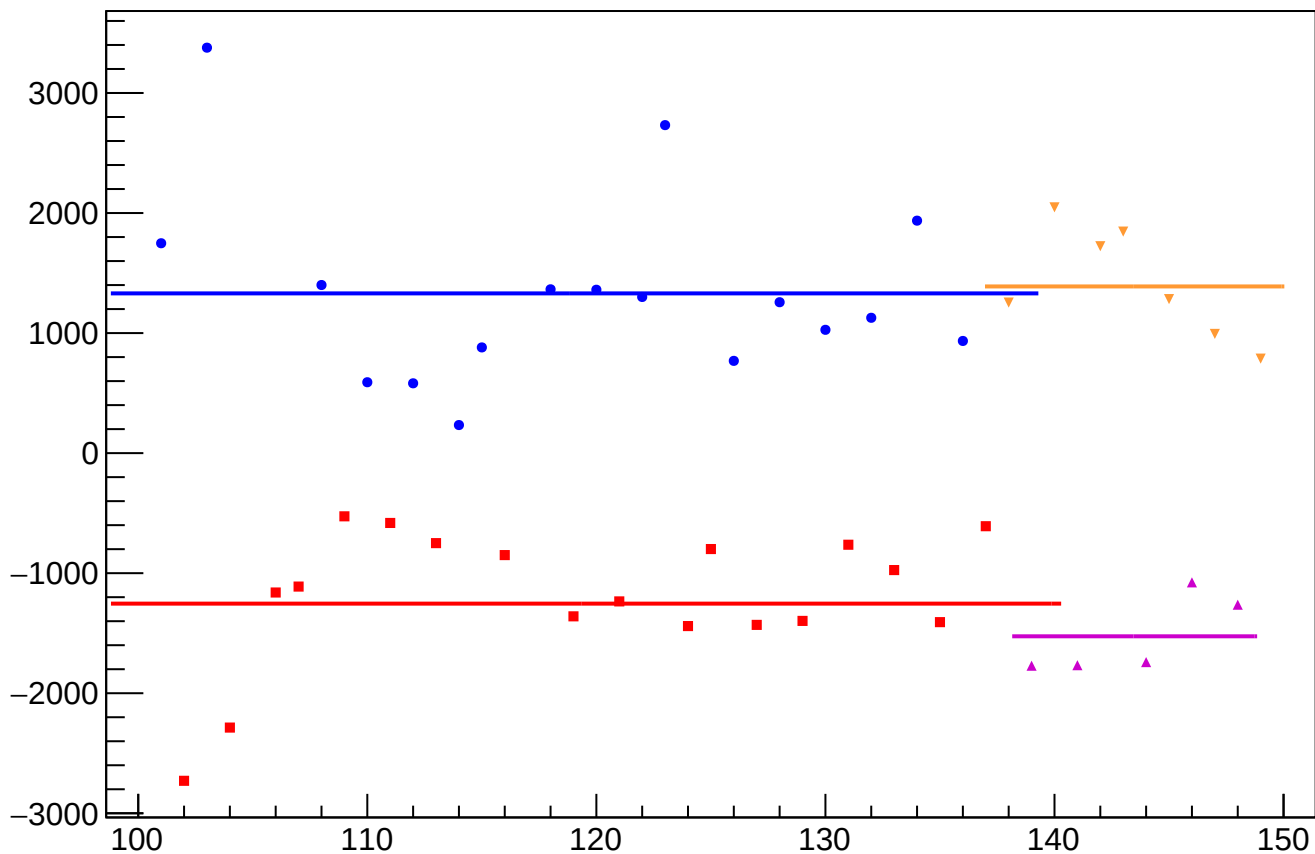
All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam4_coil7_mean vs Slug, Sign Corrected



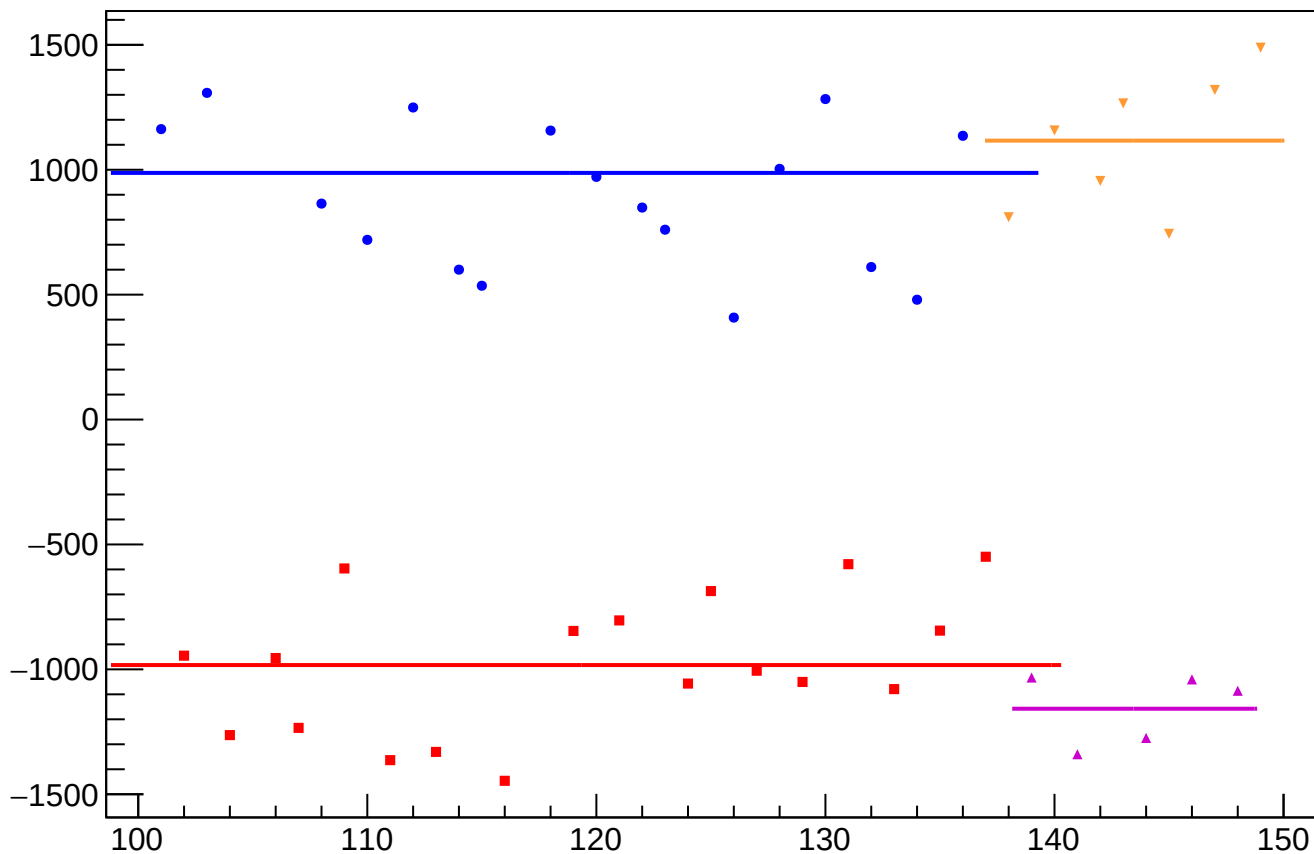
Right In: -29694.846 ± 0.000 $\chi^2/\text{NDF}: 282999478252028644685471433230520510578688.0/16$
 Left Out: -6503.902 ± 0.000 $\chi^2/\text{NDF}: 1573697211951949908519609636529647910912.0/6$
 Right Out: 29744.384 ± 0.000 $\chi^2/\text{NDF}: 283667805670372144788905534129497910018048.0/17$
 Left In: 6359.458 ± 0.000 $\chi^2/\text{NDF}: 892035029313247723745060064073439248384.0/4$
 All: 2.646 ± 0.000 $\chi^2/\text{NDF}: 18524389440351$

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1330.668+/-0.000 χ^2/NDF : 371034150705348959312326123153556242432.0/16
 Left Out: 1388.543+/-0.000 χ^2/NDF : 99579837709068189889684931473368416256.0/6
 Right Out: -1253.657+/-0.000 χ^2/NDF : 276351047411985398179849131600767877120.0/17
 Left In: -1525.858+/-0.000 χ^2/NDF : 36482942934919880089905893190517391360.0/4
 All: 40.755+/-0.000 χ^2/NDF : 5103748846719

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

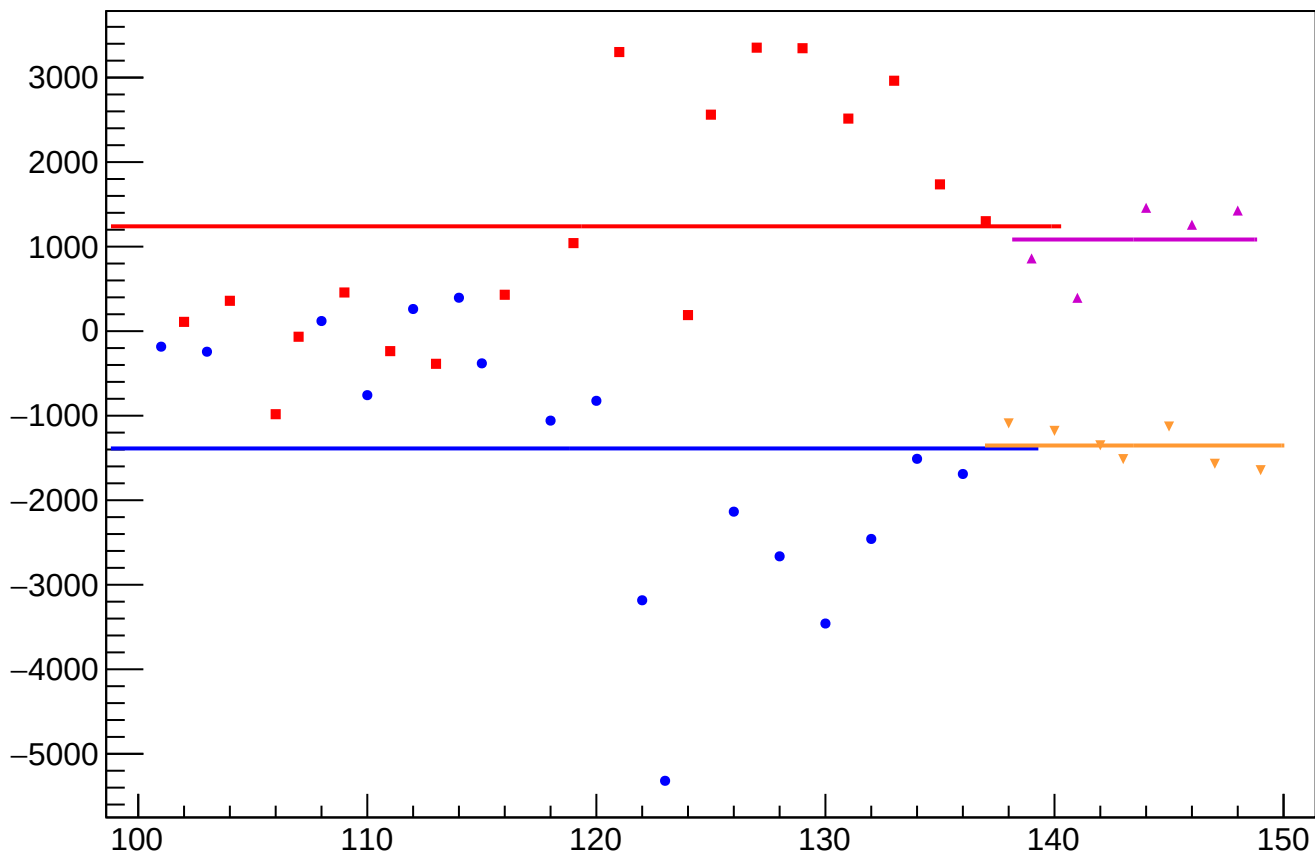
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1387.447 $\pm$ 0.000

Left Out: -1352.602 $\pm$ 0.000

Right Out: 1240.179 $\pm$ 0.000

Left In: 1084.202 $\pm$ 0.000

χ^2/NDF : 1052649963447979198116034562243591929856.0/16

χ^2/NDF : 24266519680742713561977898909319561216.0/6

χ^2/NDF : 1416369744921748520391717301088168181760.0/17

χ^2/NDF : 69398267491214502953956535057021665280.0/4

Left: -252.782 $\pm$ 0.000 χ^2/NDF : 146852848637353

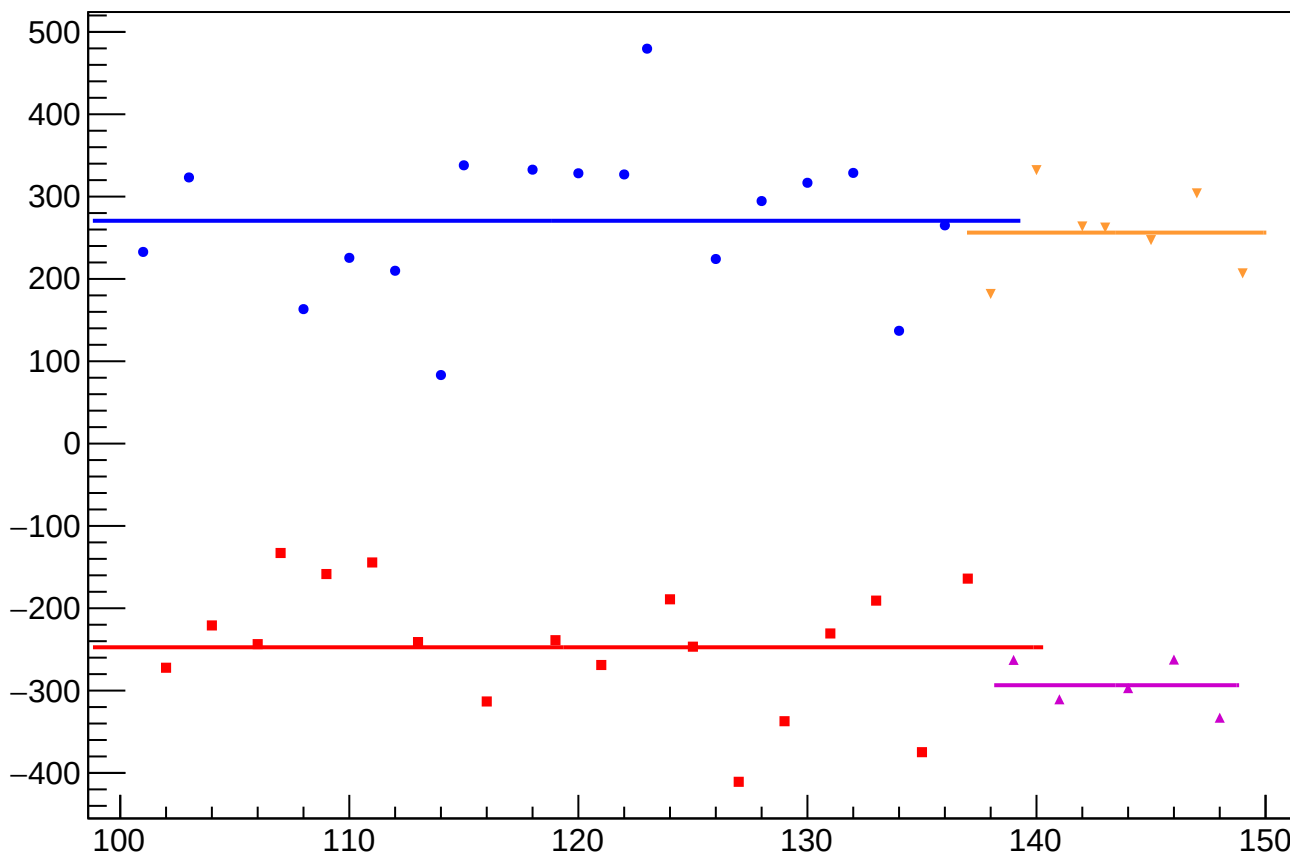
Right: -54.053 $\pm$ 0.000 χ^2/NDF : 490056143046603

In: -452.827 $\pm$ 0.000 χ^2/NDF : 2725225446849909

Out: 157.038 $\pm$ 0.000 χ^2/NDF : 3448604524497694

All: -133.324 $\pm$ 0.000 χ^2/NDF : 63912867231

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.634 $\pm$ 0.000 χ^2 /NDF: 2782961301444799640631413817001115648.0/16

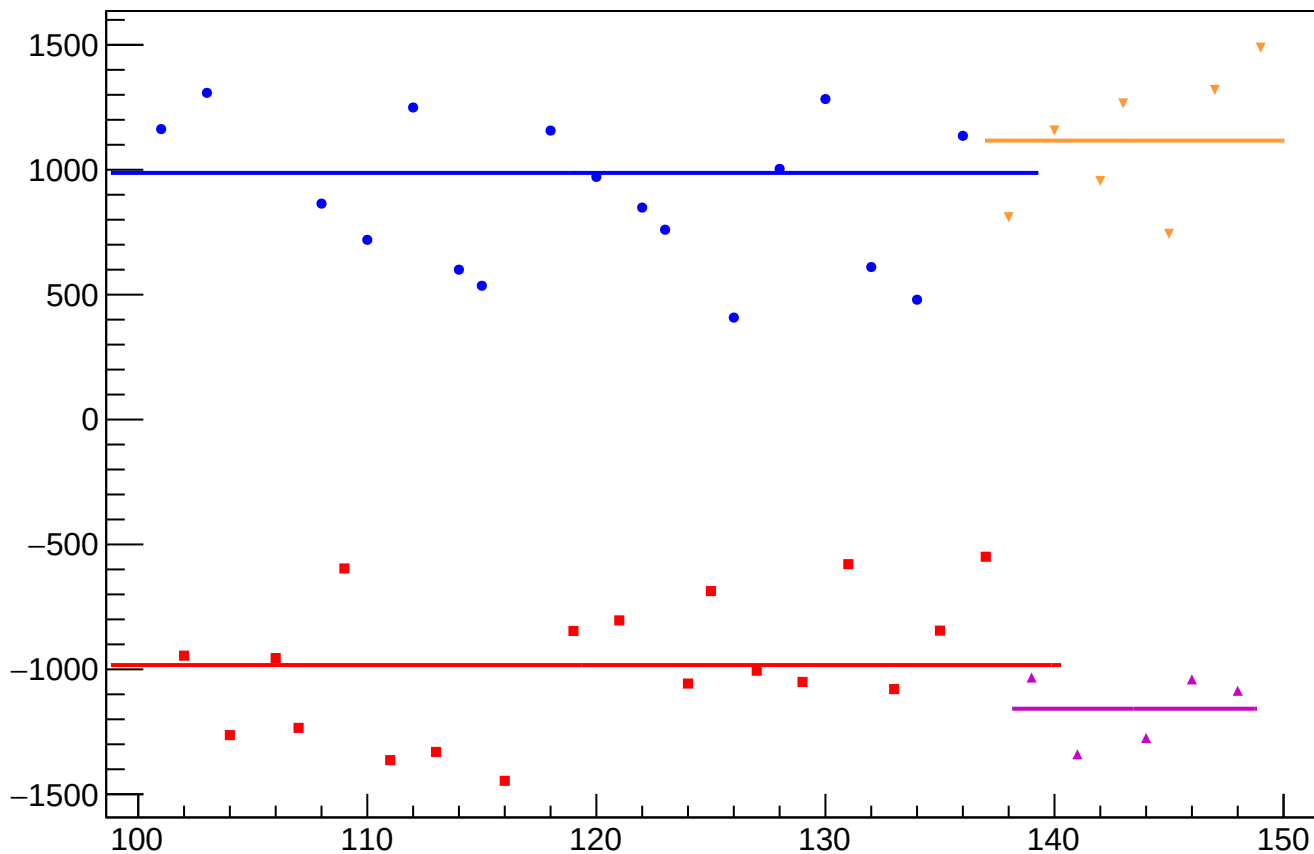
Left Out: 256.269 $\pm$ 0.000 χ^2 /NDF: 1299682606618766828742549947014971392.0/6

Right Out: -247.395 $\pm$ 0.000 χ^2 /NDF: 4145415912975495896207578940101885952.0/17

Left In: -293.468 $\pm$ 0.000 χ^2 /NDF: 313863469933857182564422578190942208.0/4

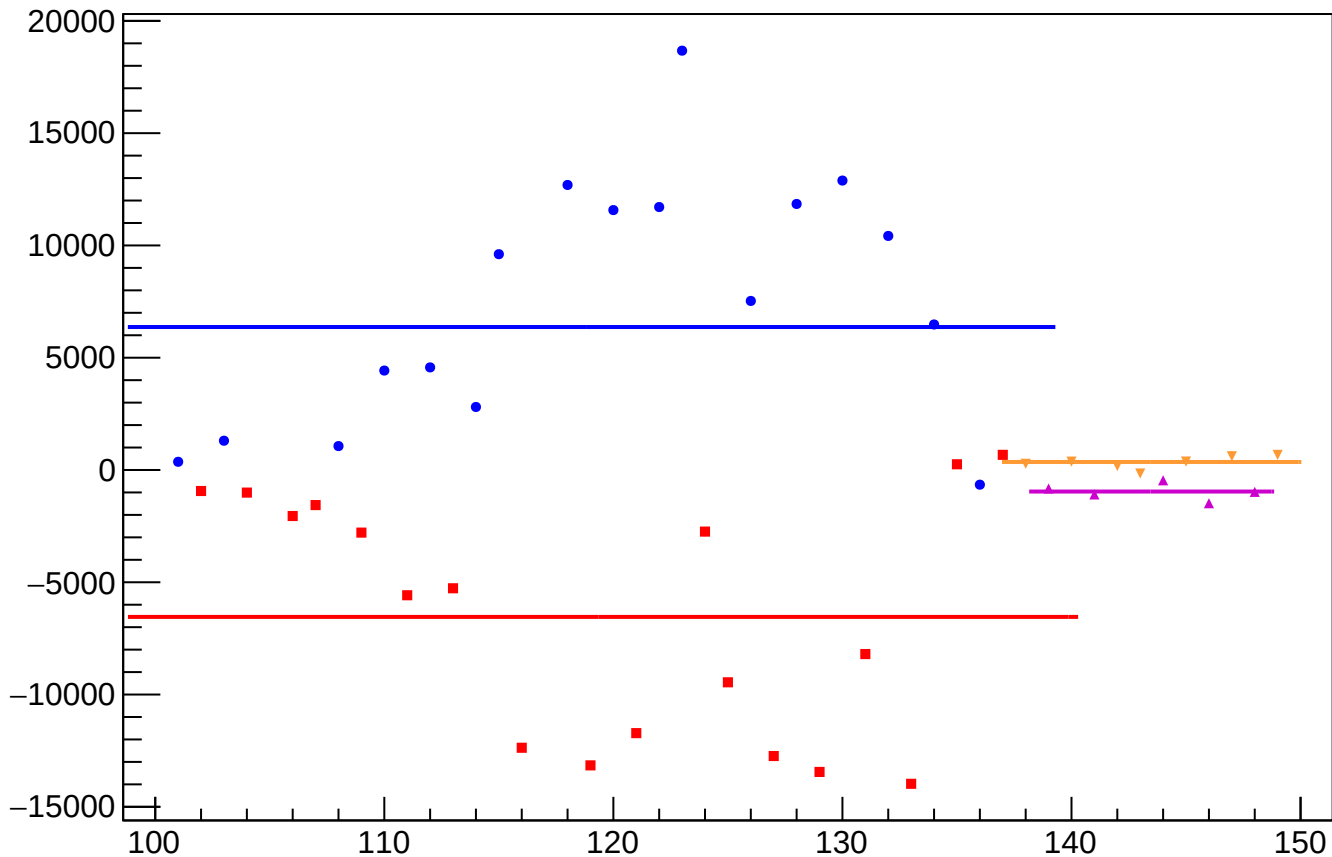
All: 7.916 $\pm$ 0.000 χ^2 /NDF: 17302120955749

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



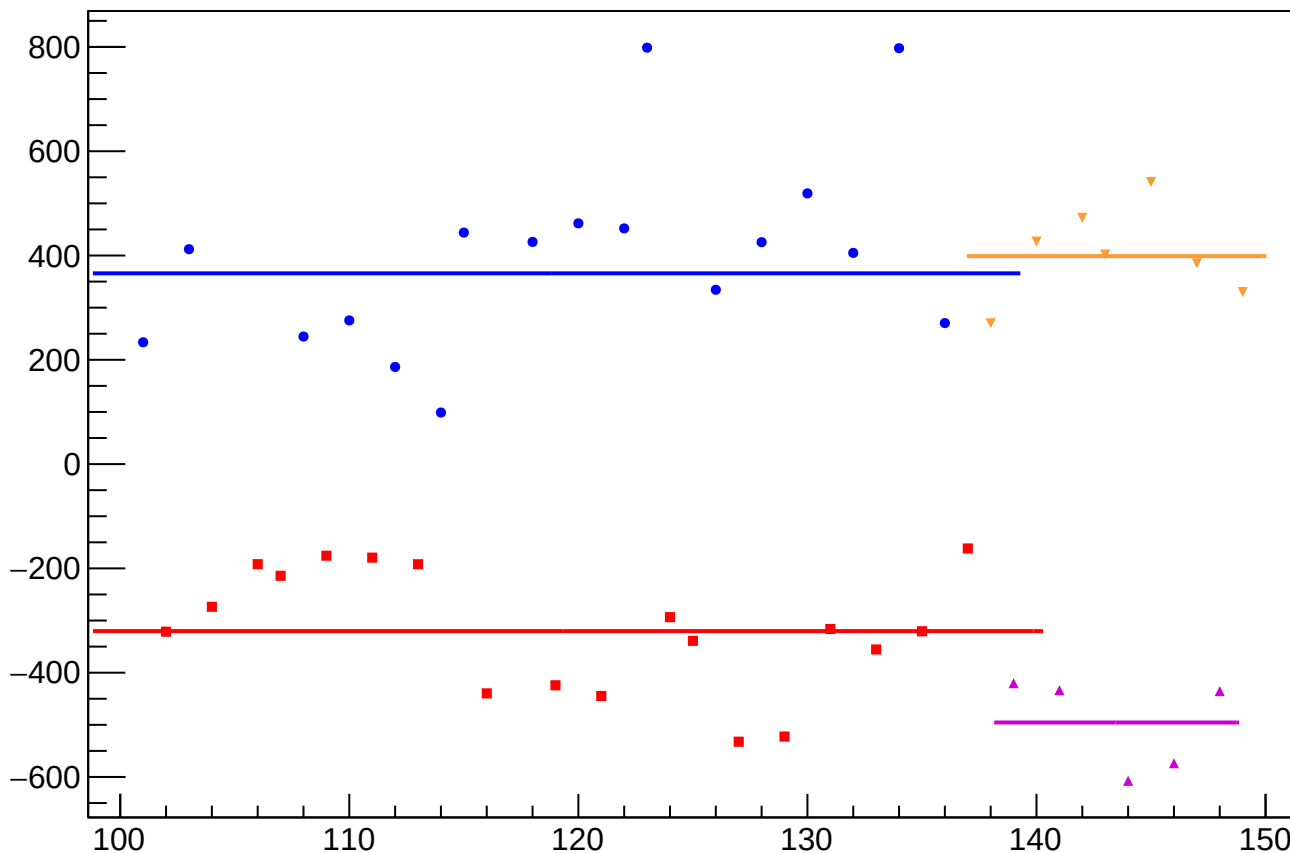
Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16
 Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6
 Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17
 Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4
 All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam6_coil7_mean vs Slug, Sign Corrected



Left: -236.982+/-0.000 χ^2/NDF : 482183415209027
 Right In: 6366.506+/-0.000 χ^2/NDF : 19013791293174950781662205946475975802880.0/16
 Left Out: 357.227+/-0.000 χ^2/NDF : 33199366618304883732121840017662279680.0/6
 Right Out: -6542.482+/-0.000 χ^2/NDF : 19769956838076333850932350219813545574400.0/17
 In: 3596.343+/-0.000 χ^2/NDF : 3314530915084671
 Out: -3660.112+/-0.000 χ^2/NDF : 34022727983584
 Left In: -959.326+/-0.000 χ^2/NDF : 47660324911942424377486019739365933056.0/4
 All: -205.247+/-0.000 χ^2/NDF : 97954087985

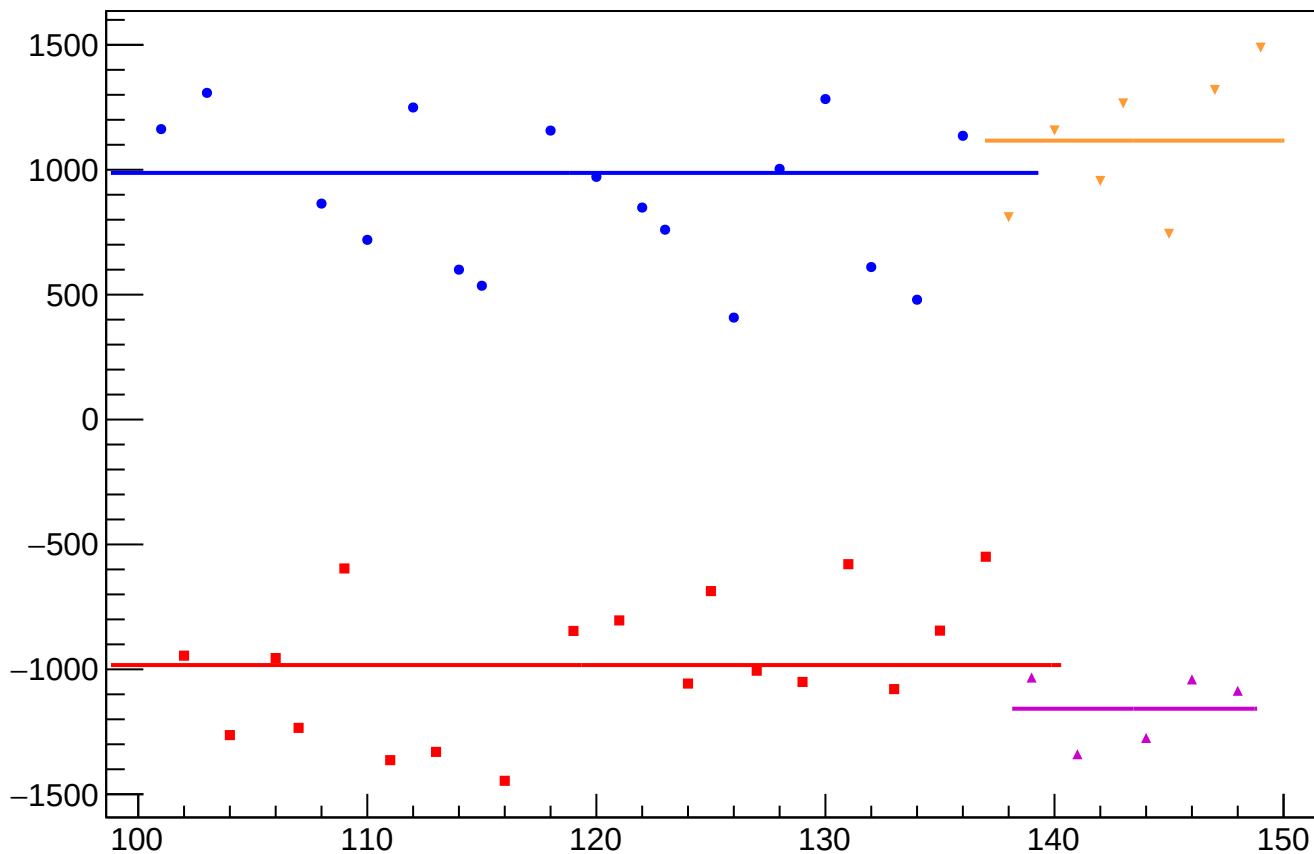
dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -4.823 ± 0.000 $\chi^2/\text{NDF}: 19150818586855311$
 Right: 17.648 ± 0.000 $\chi^2/\text{NDF}: 1875984728574231$
 In: 40.105 ± 0.000 $\chi^2/\text{NDF}: 209763929459831641$
 Out: -19.870 ± 0.000 $\chi^2/\text{NDF}: 1675234847222668$
 All: 8.685 ± 0.000 $\chi^2/\text{NDF}: 37939047484315$

Right In: 365.806 ± 0.000 $\chi^2/\text{NDF}: 12360453443474503357525500563004850176.0/16$
 Left Out: 398.835 ± 0.000 $\chi^2/\text{NDF}: 3595972223017358077343379210249437184.0/6$
 Right Out: -320.284 ± 0.000 $\chi^2/\text{NDF}: 9463966273350706118112483440542613504.0/17$
 Left In: -495.526 ± 0.000 $\chi^2/\text{NDF}: 2710983918190664985308233148347187200.0/4$

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

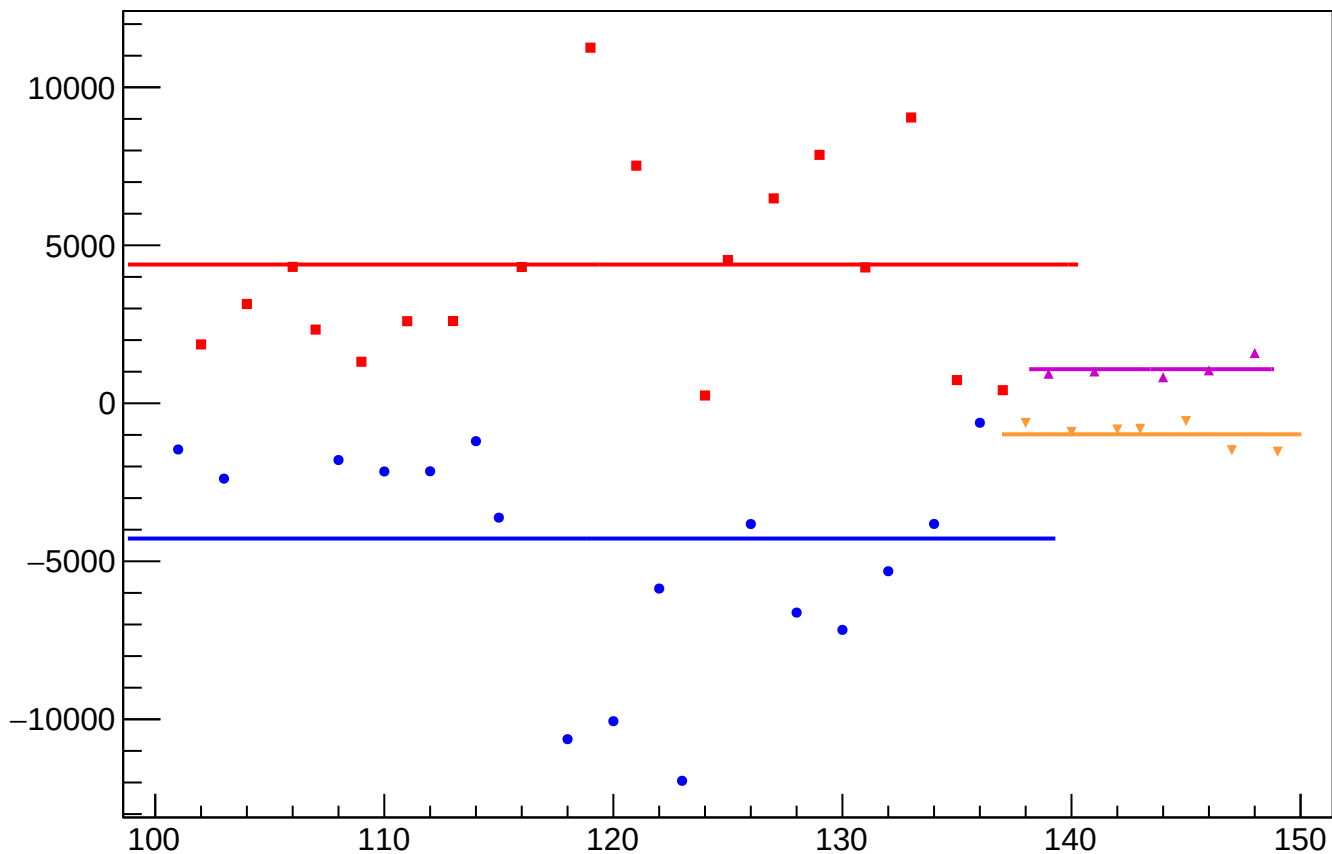
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4279.824+/-0.000

Left Out: -981.691+/-0.000

Right Out: 4391.806+/-0.000

Left In: 1079.052+/-0.000

χ^2/NDF : 6998436131465727751461675089449726246912.0/16

χ^2/NDF : 72466639693522661704439259532919570432.0/6

χ^2/NDF : 7013803733920665719163942153165454966784.0/17

χ^2/NDF : 30010791013478550875735697508418977792.0/4

Left: -51.602+/-0.000 χ^2/NDF : 1085732380688375

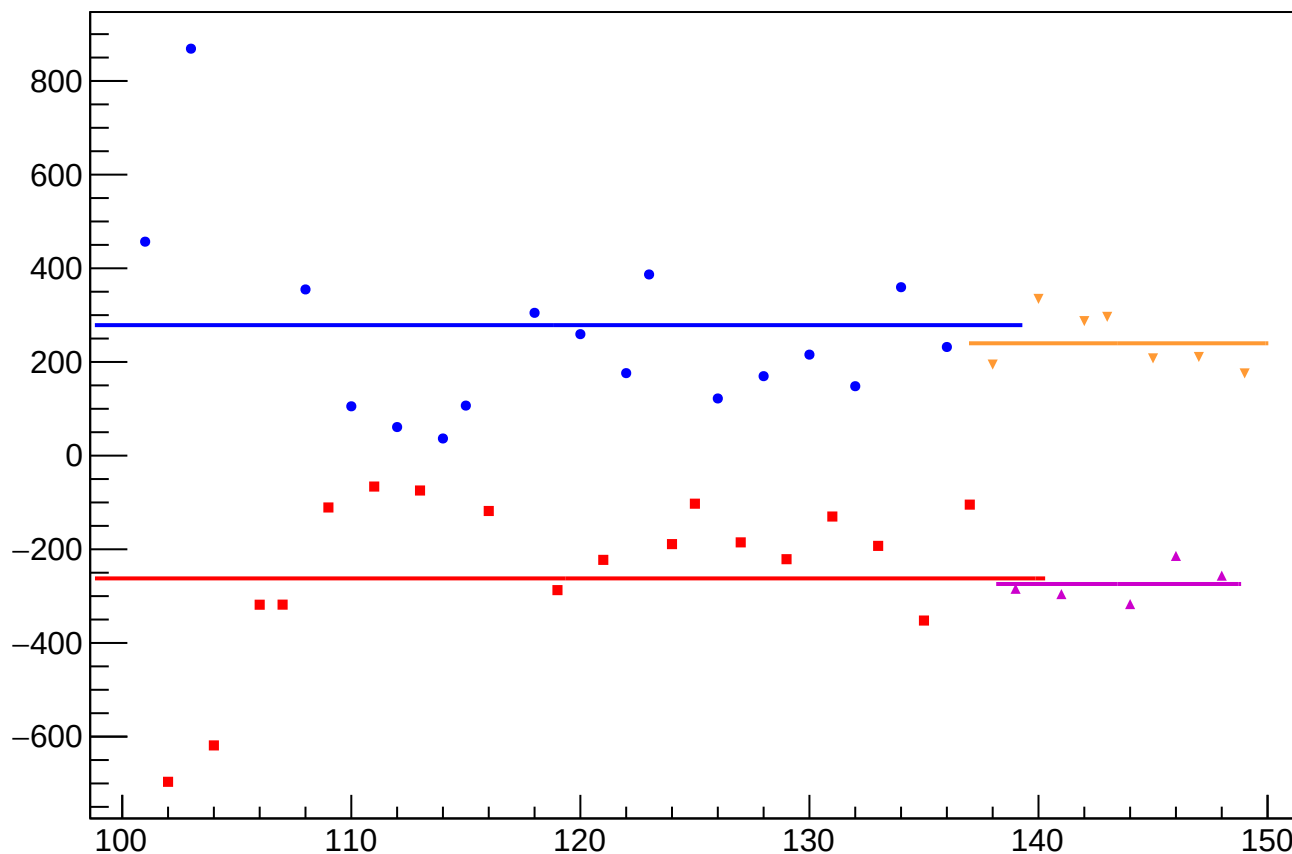
Right: 120.613+/-0.000 χ^2/NDF : 404945631723086

In: -2253.439+/-0.000 χ^2/NDF : 145646960617363

Out: 2147.015+/-0.000 χ^2/NDF : 157108750829424

All: 51.918+/-0.000 χ^2/NDF : 4159696437309

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 278.633+/-0.000 χ^2/NDF : 30524296265206738304048515708883042304.0/16

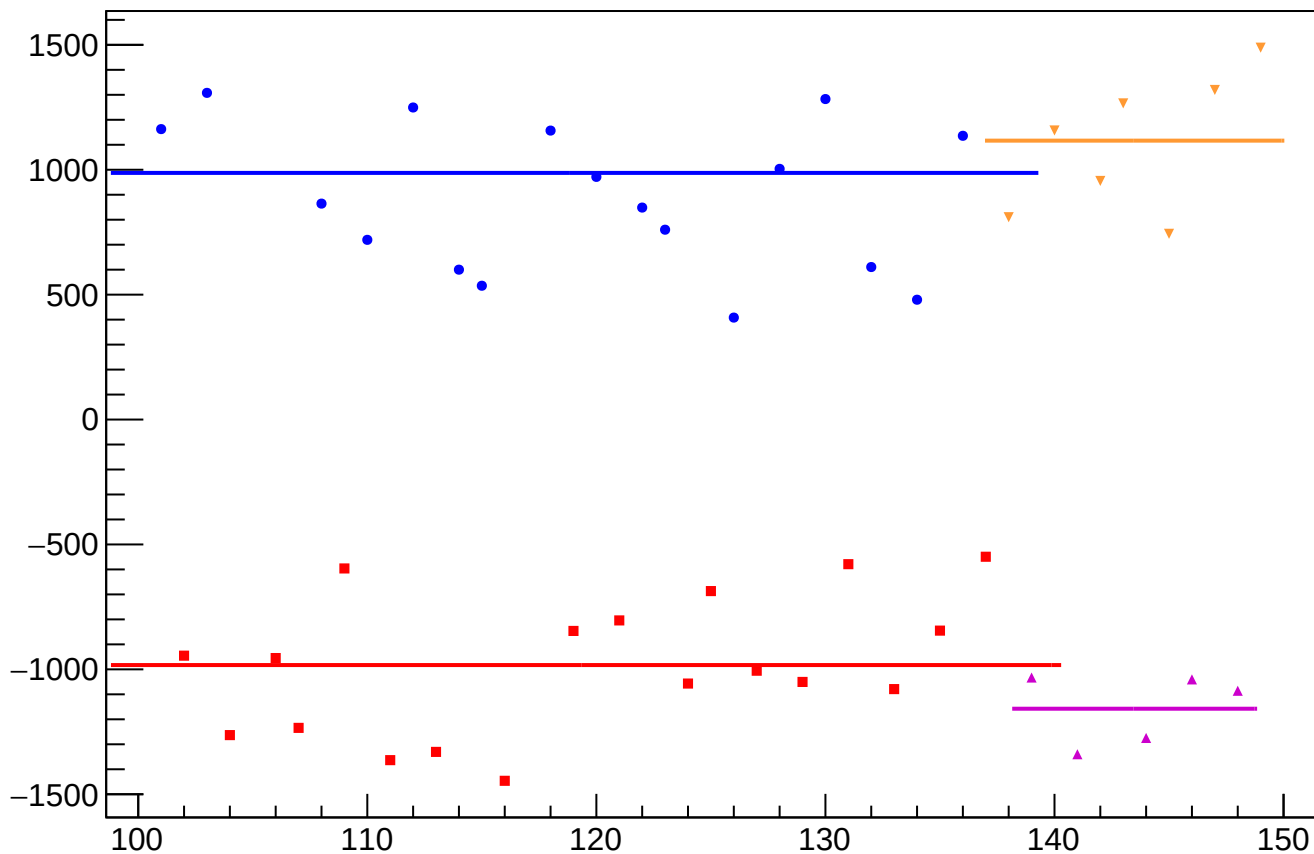
Left Out: 239.871+/-0.000 χ^2/NDF : 1709461873171285291253461047928946688.0/6

Right Out: -262.162+/-0.000 χ^2/NDF : 25748645086335087770789028222868652032.0/17

Left In: -274.096+/-0.000 χ^2/NDF : 536431235786517513530260991380553728.0/4

All: 5.679+/-0.000 χ^2/NDF : 22268556773917

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

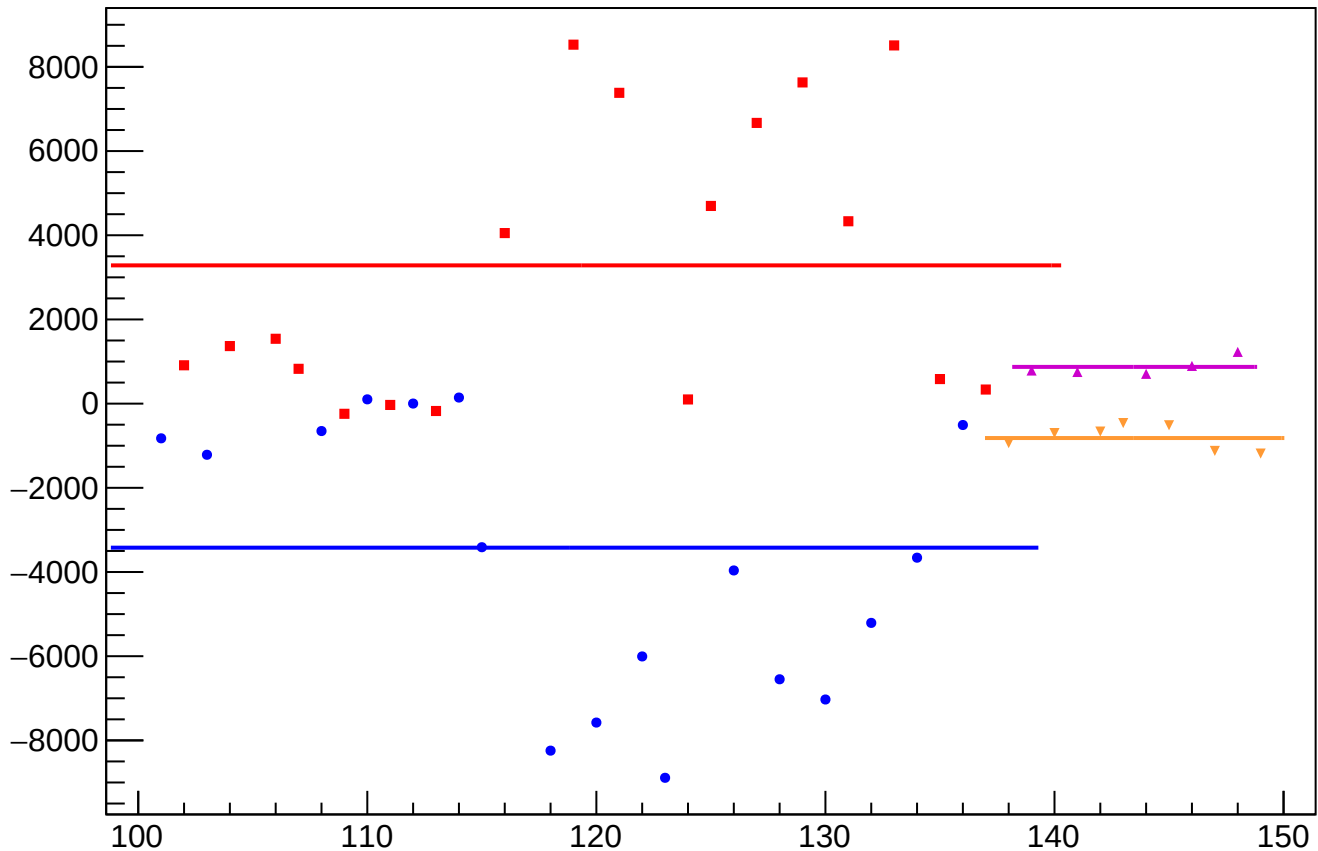
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: -3421.719+/-0.000

χ^2/NDF : 6462112736004972779572658363986020925440.0/16

Left Out: -817.368+/-0.000

χ^2/NDF : 37753424655561611004371375065902612480.0/6

Right Out: 3284.376+/-0.000

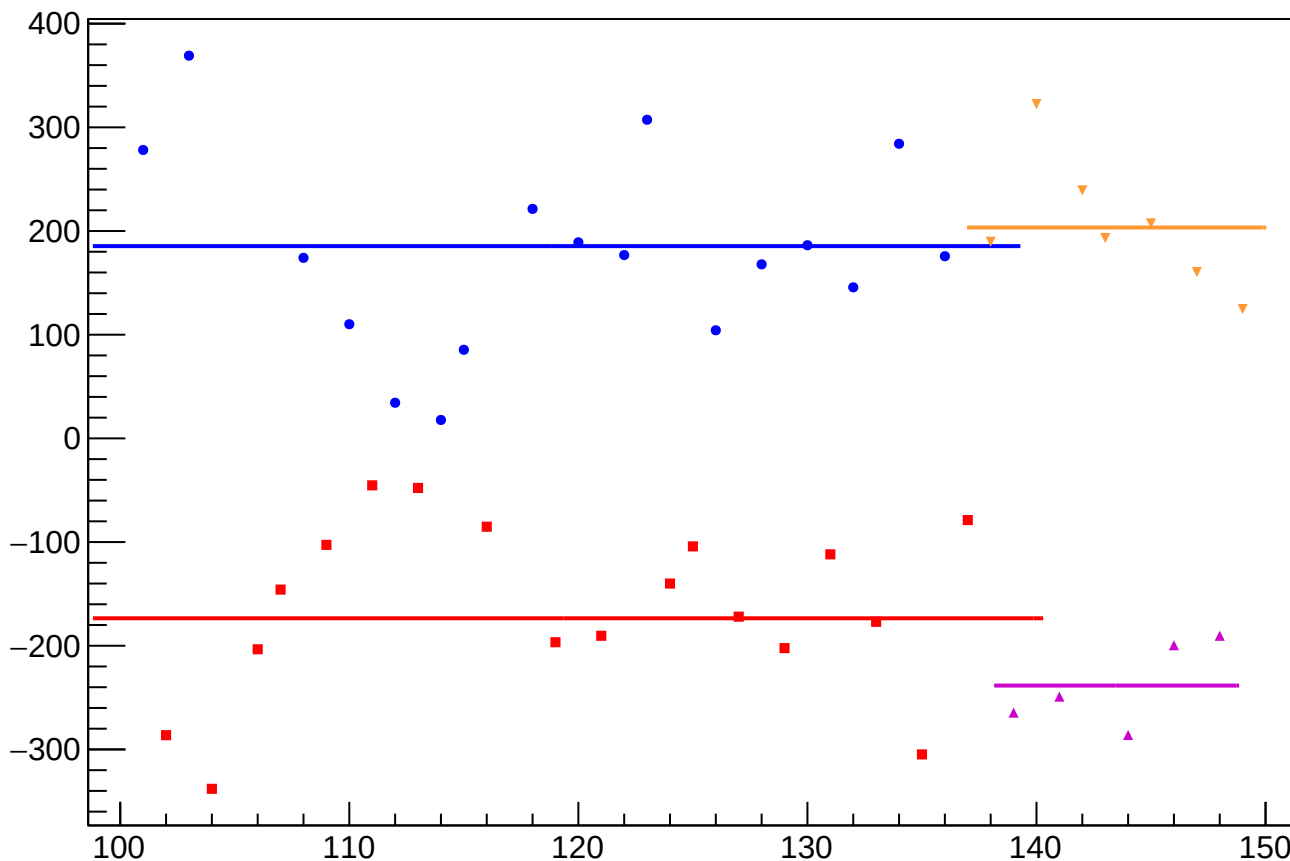
χ^2/NDF : 7820854185595313728450757047863572692992.0/17

Left In: 872.765+/-0.000

χ^2/NDF : 14972353528430855029148280337087856640.0/4

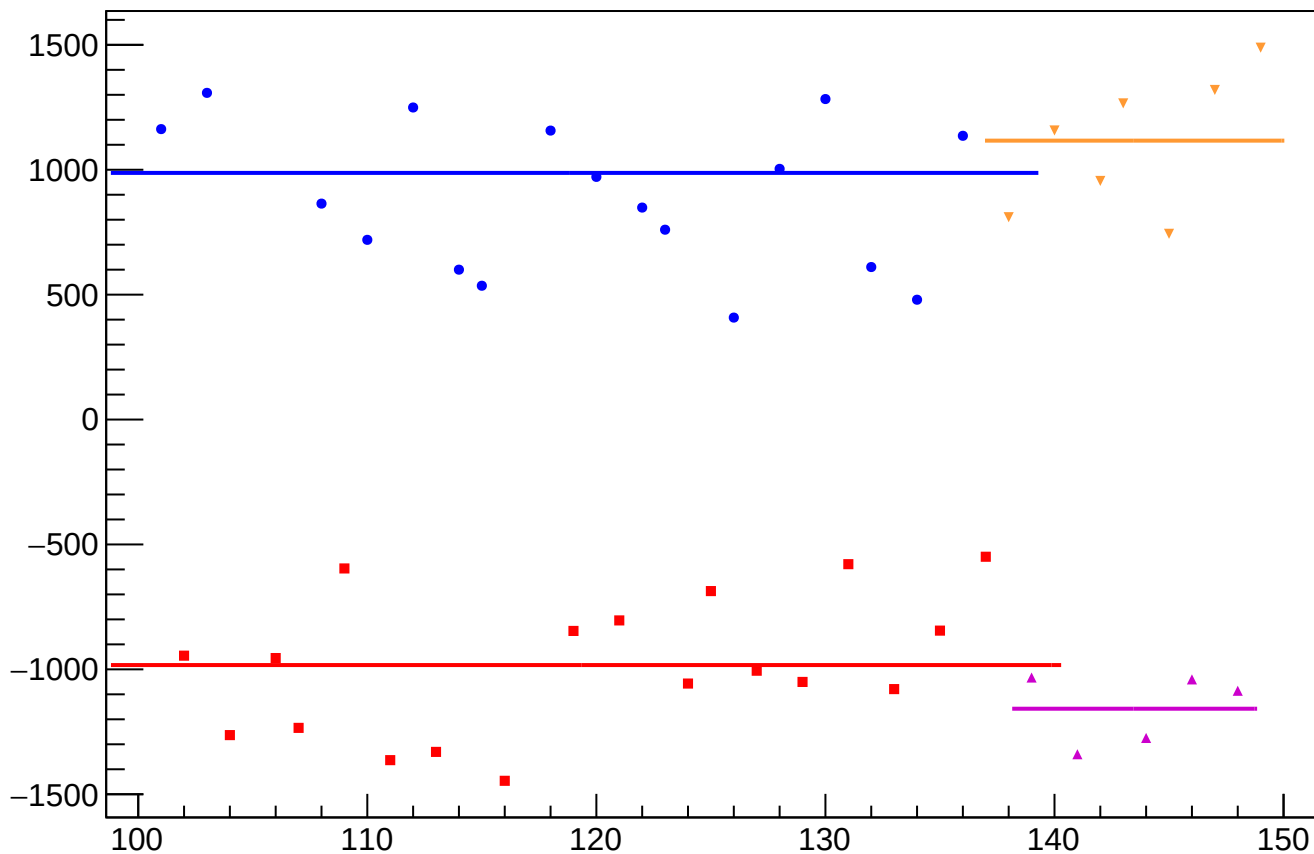
All: -32.998+/-0.000 χ^2/NDF : 308355744058

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 185.440 +/- 0.000 χ^2/NDF : 4992999881975997017558054599194050560.0/16
 Left Out: 203.383 +/- 0.000 χ^2/NDF : 1908407816625609068724301444904124416.0/6
 Right Out: -173.513 +/- 0.000 χ^2/NDF : 5476704825855084602521292305195859968.0/17
 Left In: -238.400 +/- 0.000 χ^2/NDF : 586081890669853189879345763347070976.0/4
 All: 3.569 +/- 0.000 χ^2/NDF : 10353020398022

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 987.388+/-0.000 χ^2/NDF : 52571386835815299758771040245189181440.0/16

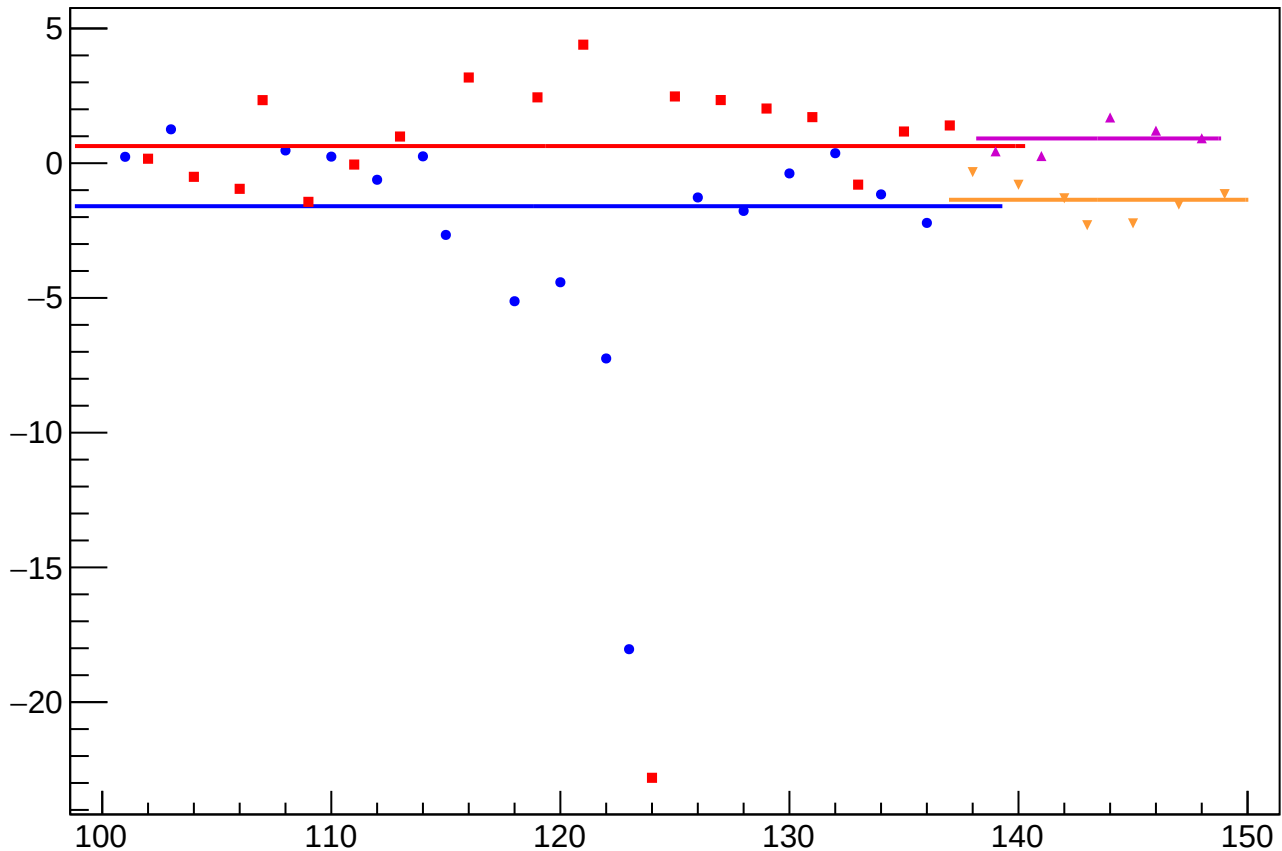
Left Out: 1116.536+/-0.000 χ^2/NDF : 35848644445506034799338306364002795520.0/6

Right Out: -982.831+/-0.000 χ^2/NDF : 48106250951114292454819733992816771072.0/17

Left In: -1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

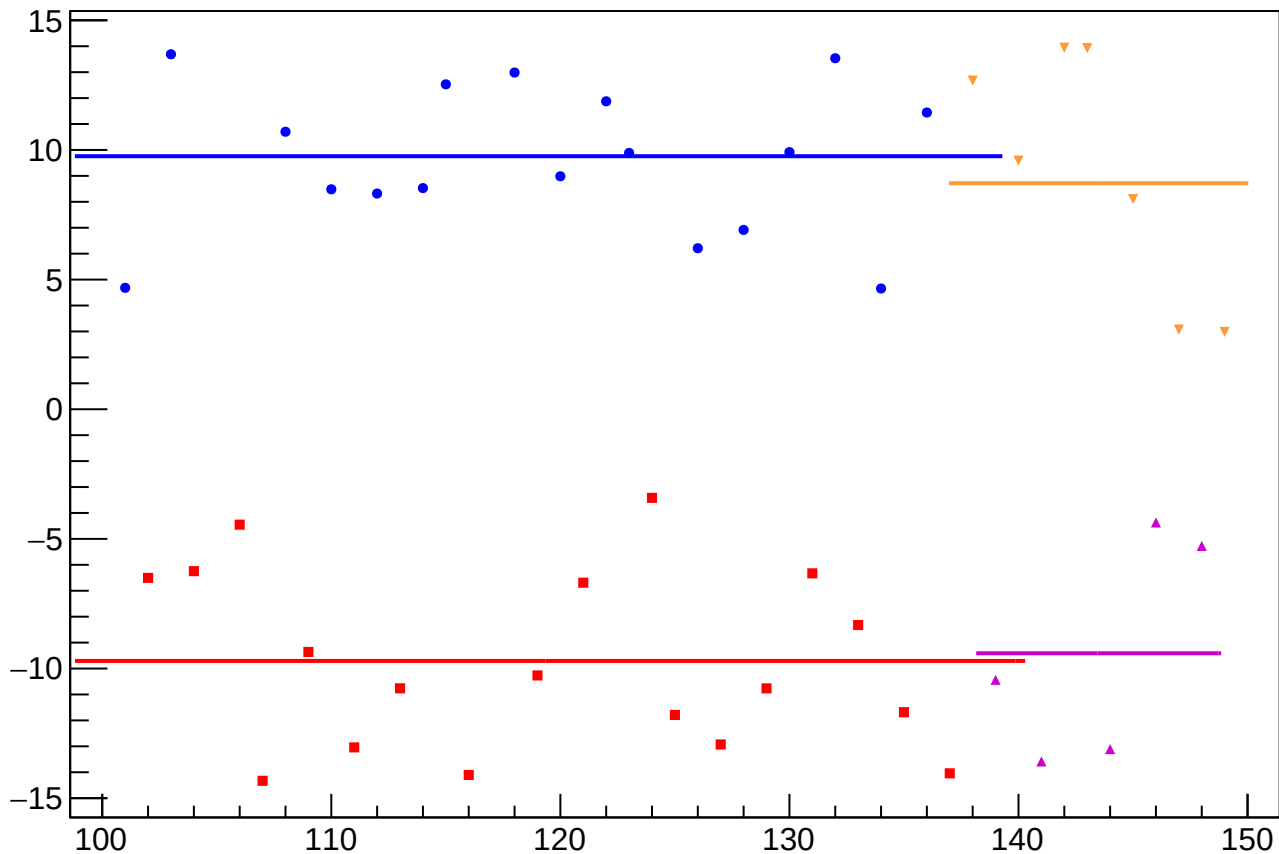
All: 28.495+/-0.000 χ^2/NDF : 2713809682900

dit_4aX_coil4_mean vs Slug, Sign Corrected



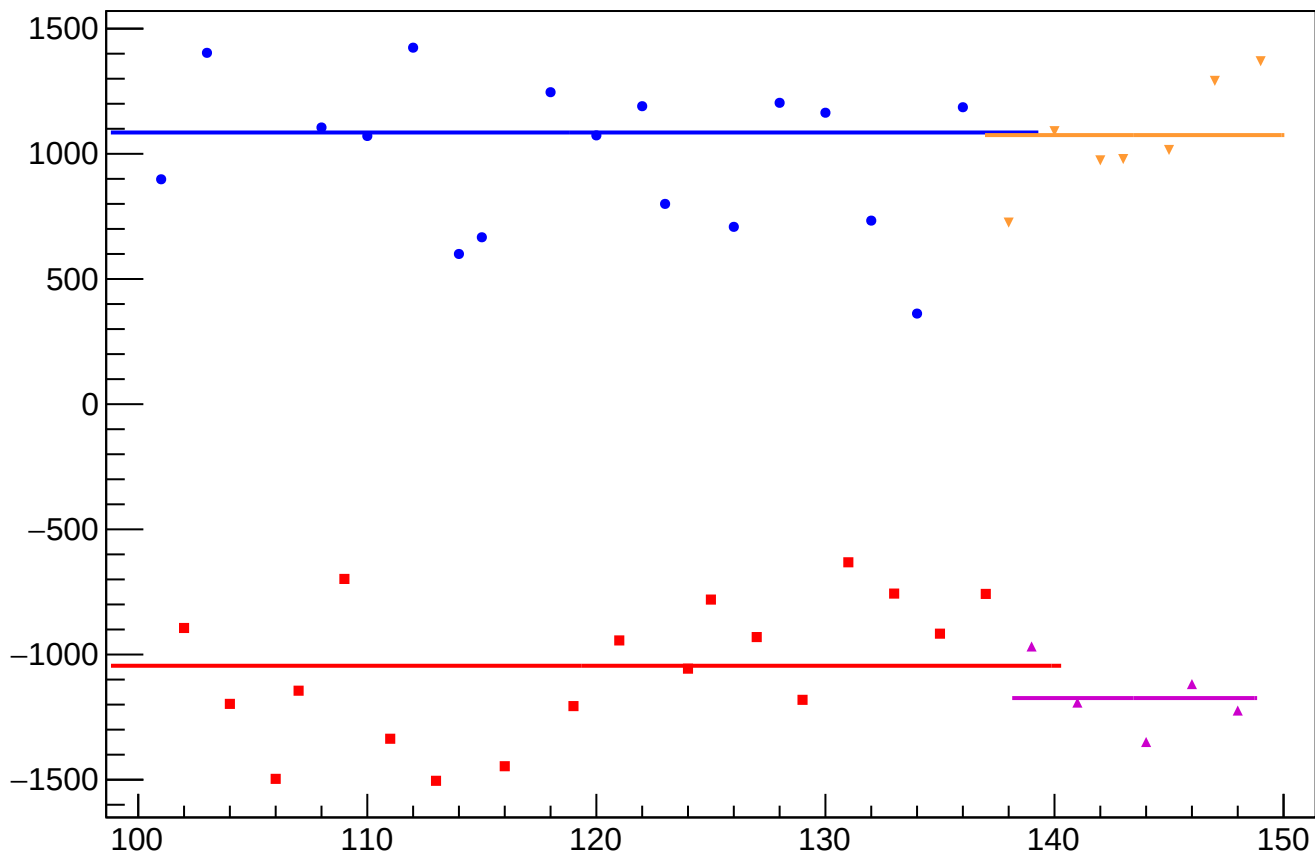
Right In: -1.596 ± 0.000 $\chi^2/\text{NDF}: 4654807928359892398673617982849024.0/16$
 Left Out: -1.357 ± 0.000 $\chi^2/\text{NDF}: 233446619477113058856988728885248.0/6$
 Right Out: 0.636 ± 0.000 $\chi^2/\text{NDF}: 9571048295343482409580772007608320.0/17$
 Left In: 0.918 ± 0.000 $\chi^2/\text{NDF}: 115686462799517686045039505965056.0/4$
 All: -0.410 ± 0.000 $\chi^2/\text{NDF}: 1753735225332$

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



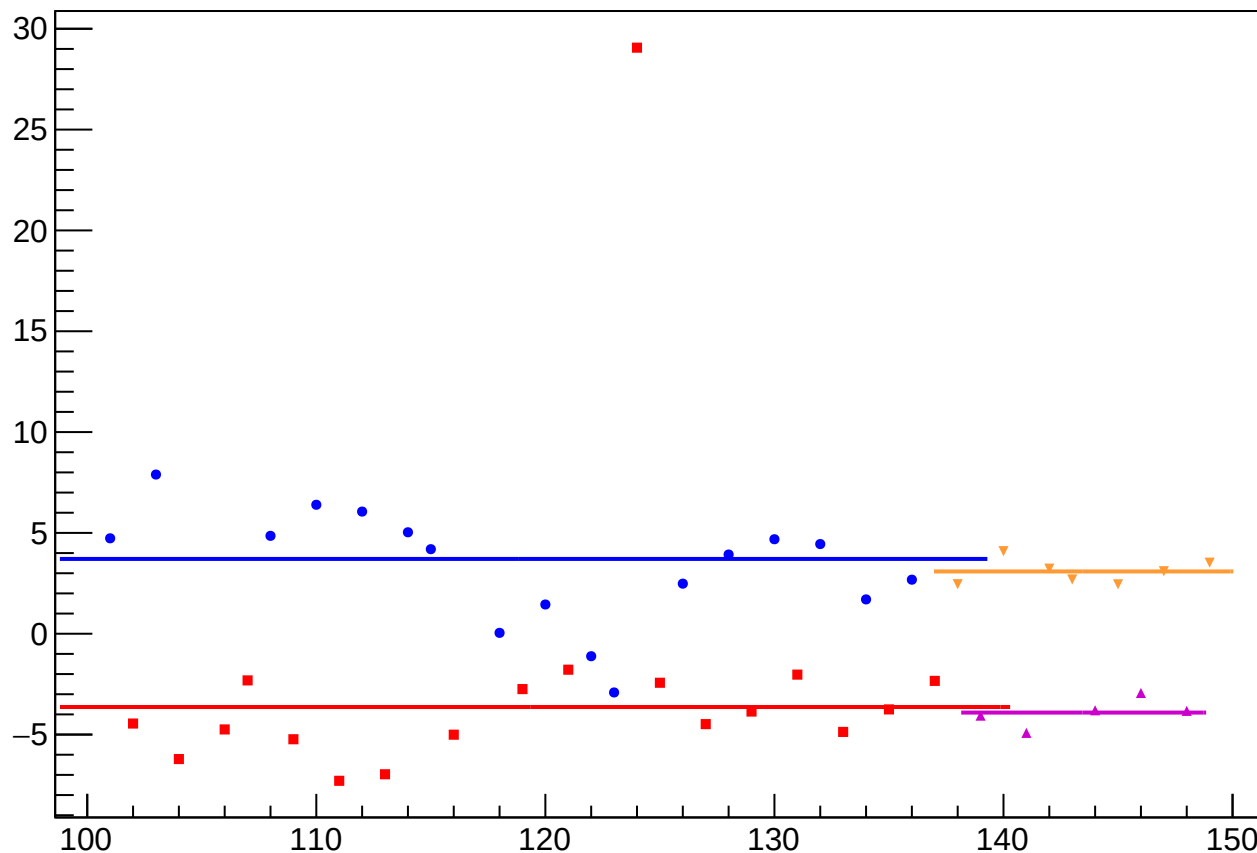
Right In: 9.759 ± 0.000 $\chi^2/\text{NDF}: 5805218601264248923404355625811968.0/16$
 Left Out: 8.716 ± 0.000 $\chi^2/\text{NDF}: 9638561089679188867654332545236992.0/6$
 Right Out: -9.706 ± 0.000 $\chi^2/\text{NDF}: 6508390621050403360774220706480128.0/17$
 Left In: -9.411 ± 0.000 $\chi^2/\text{NDF}: 6330159688267103843591161785614336.0/4$
 All: 0.142 ± 0.000 $\chi^2/\text{NDF}: 23803269577433.0/17$

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



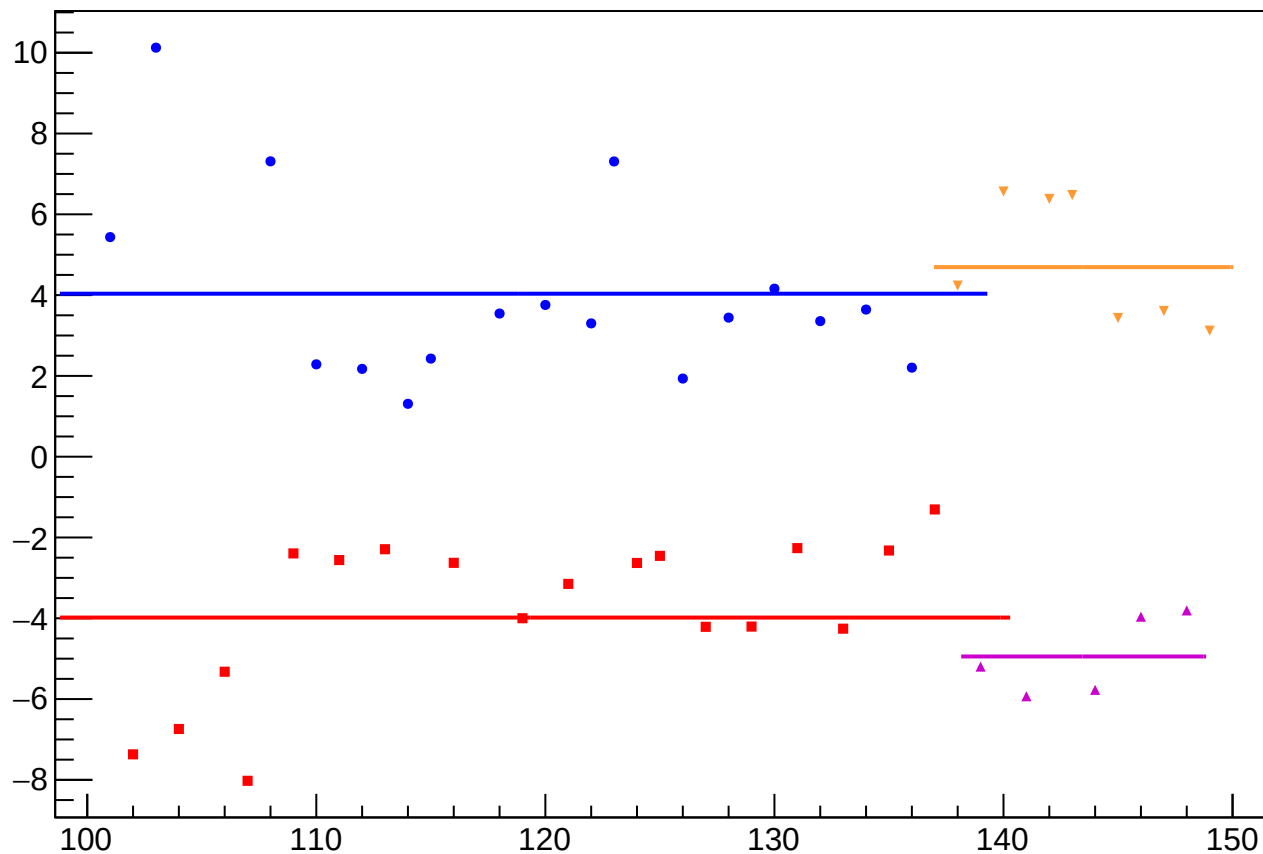
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_4eX_coil4_mean vs Slug, Sign Corrected



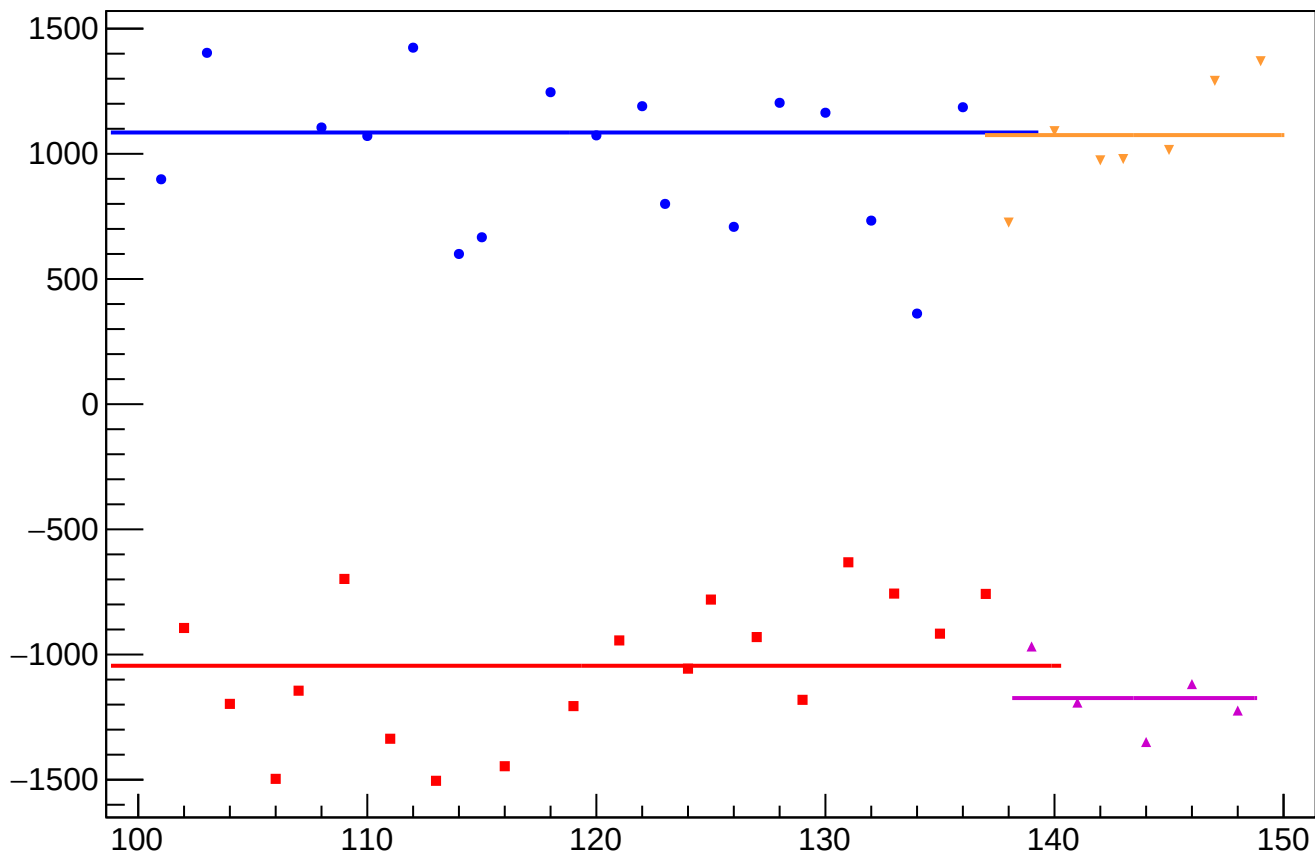
Right In: 3.709 ± 0.000 $\chi^2/\text{NDF}: 4018102777172229540031969661812736.0/16$
 Left Out: 3.090 ± 0.000 $\chi^2/\text{NDF}: 173263932405900275616094068146176.0/6$
 Right Out: -3.634 ± 0.000 $\chi^2/\text{NDF}: 17179706396424887783373227094441984.0/17$
 Left In: -3.910 ± 0.000 $\chi^2/\text{NDF}: 168283581512000293710229948858368.0/4$
 All: -0.038 ± 0.000 $\chi^2/\text{NDF}: 5187220361215$

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



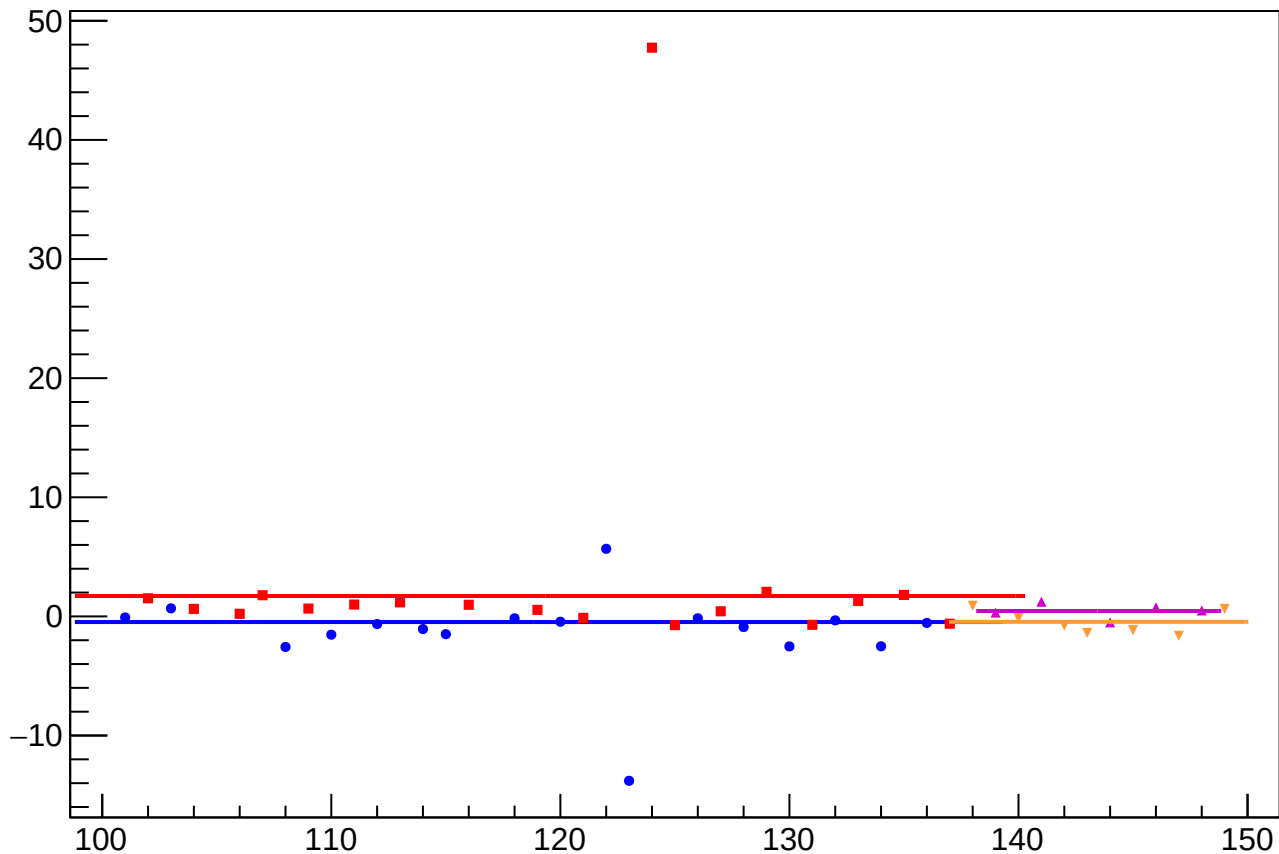
Right In: 4.035 $\pm$ 0.000 χ^2 /NDF: 3710399284586297338090254185267200.0/16
 Left Out: 4.693 $\pm$ 0.000 χ^2 /NDF: 1071676198975312094585282505998336.0/6
 Right Out: -3.983 $\pm$ 0.000 χ^2 /NDF: 2613925353133608323825730446163968.0/17
 Left In: -4.946 $\pm$ 0.000 χ^2 /NDF: 337948368673388426322470565314560.0/4
 All: 0.117 $\pm$ 0.000 χ^2 /NDF: 51962826047699

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



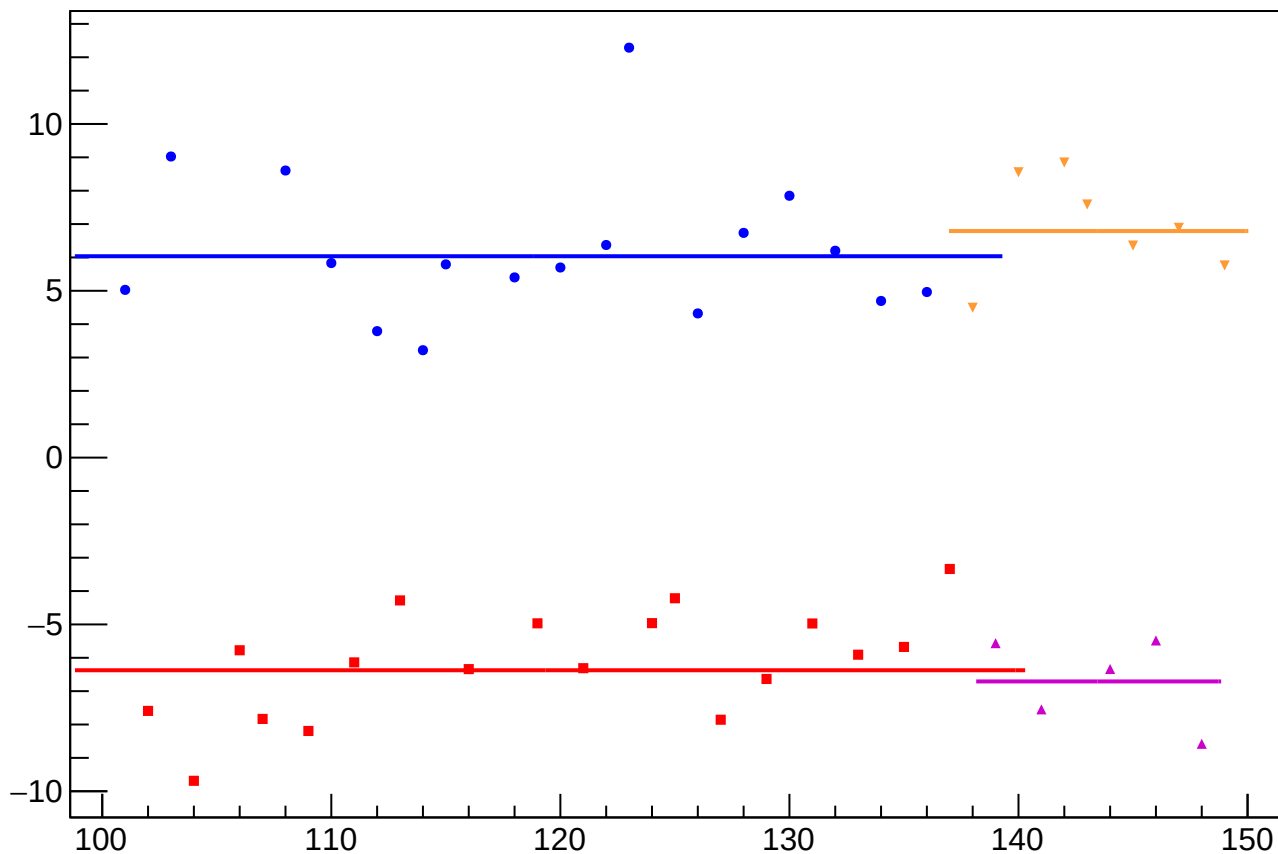
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: -0.473 ± 0.000 χ^2/NDF : 2898613024888316123890745518063616.0/16
 Left Out: -0.456 ± 0.000 χ^2/NDF : 457858306823484147903970131574784.0/6
 Right Out: 1.712 ± 0.000 χ^2/NDF : 30716645280339484063089556715470848.0/17
 Left In: 0.454 ± 0.000 χ^2/NDF : 141418697583175789252670031659008.0/4
 All: 0.364 ± 0.000 χ^2/NDF : 36348938900386

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.036+/-0.000

χ^2/NDF : 1834282168572363767997793128415232.0/16

Left Out: 6.791+/-0.000

χ^2/NDF : 1008003706828121599021292531482624.0/6

Right Out: -6.374+/-0.000

χ^2/NDF : 1775962730889931898255737308053504.0/17

Left In: -6.709+/-0.000

χ^2/NDF : 597318226142026148624594248925184.0/4

Left: 0.698+/-0.000 χ^2/NDF : 43801408081267155

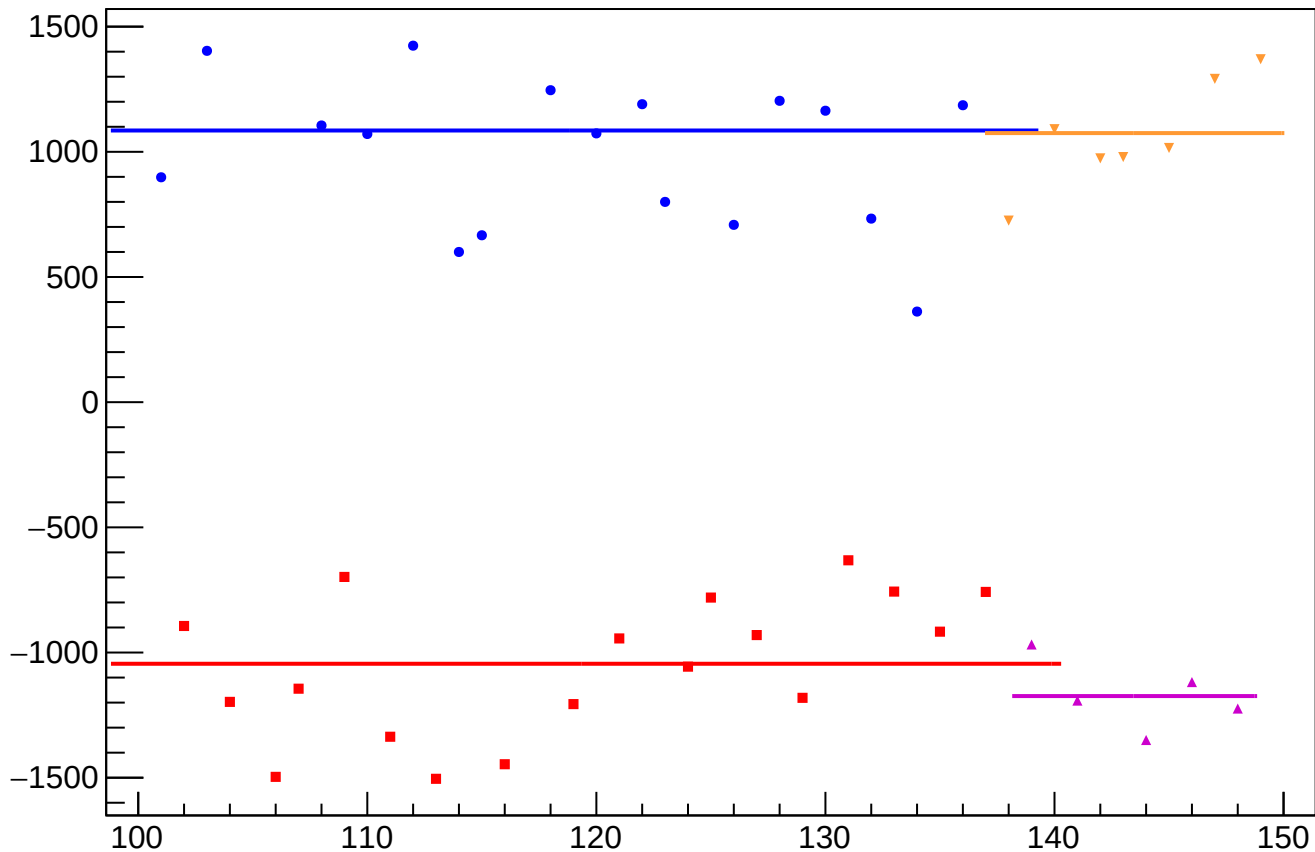
Right: -0.261+/-0.000 χ^2/NDF : 5784895299969528

In: 1.217+/-0.000 χ^2/NDF : 450574464317182256

Out: -0.874+/-0.000 χ^2/NDF : 54553874539465036

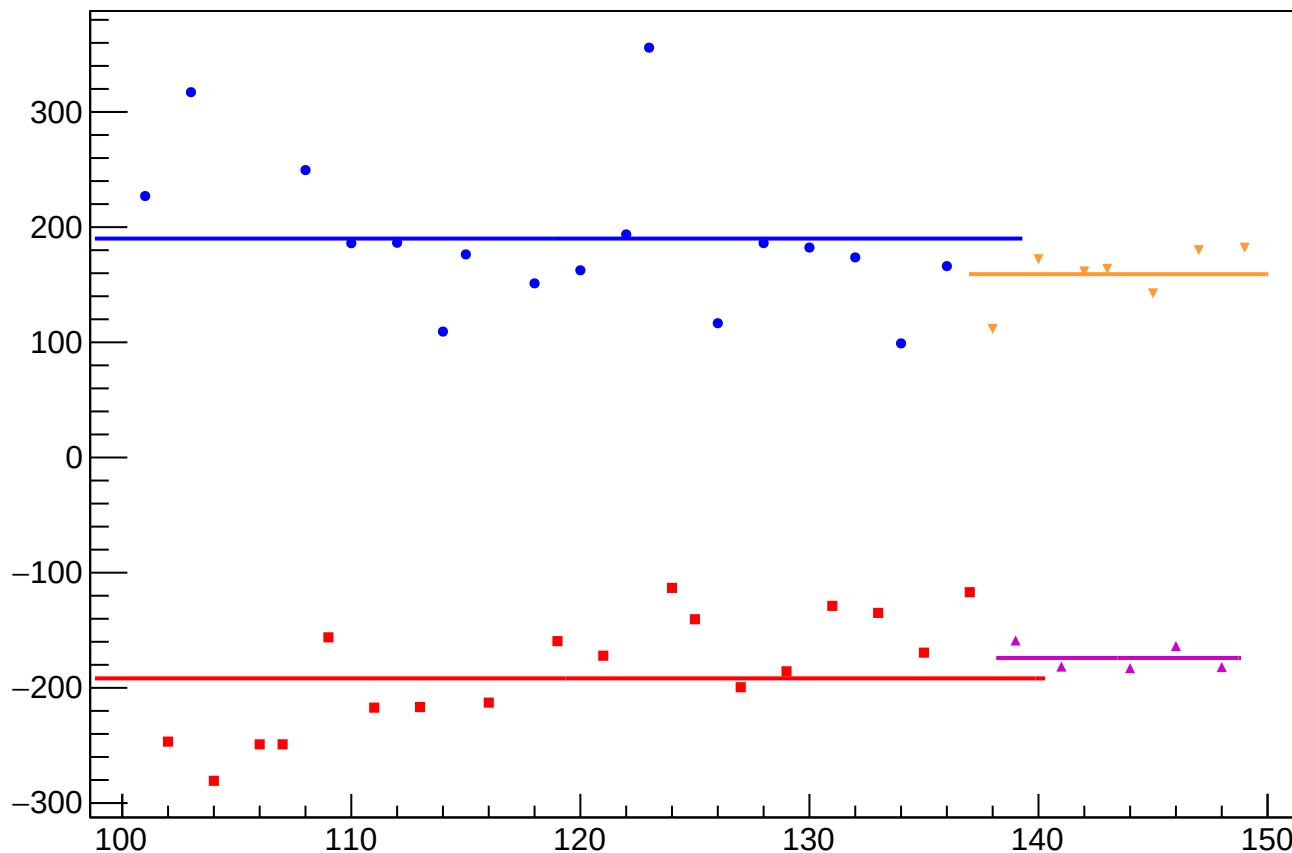
All: 0.121+/-0.000 χ^2/NDF : 10216791310419

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 190.085+/-0.000 χ^2/NDF : 1925698803891151227234396073587900416.0/16

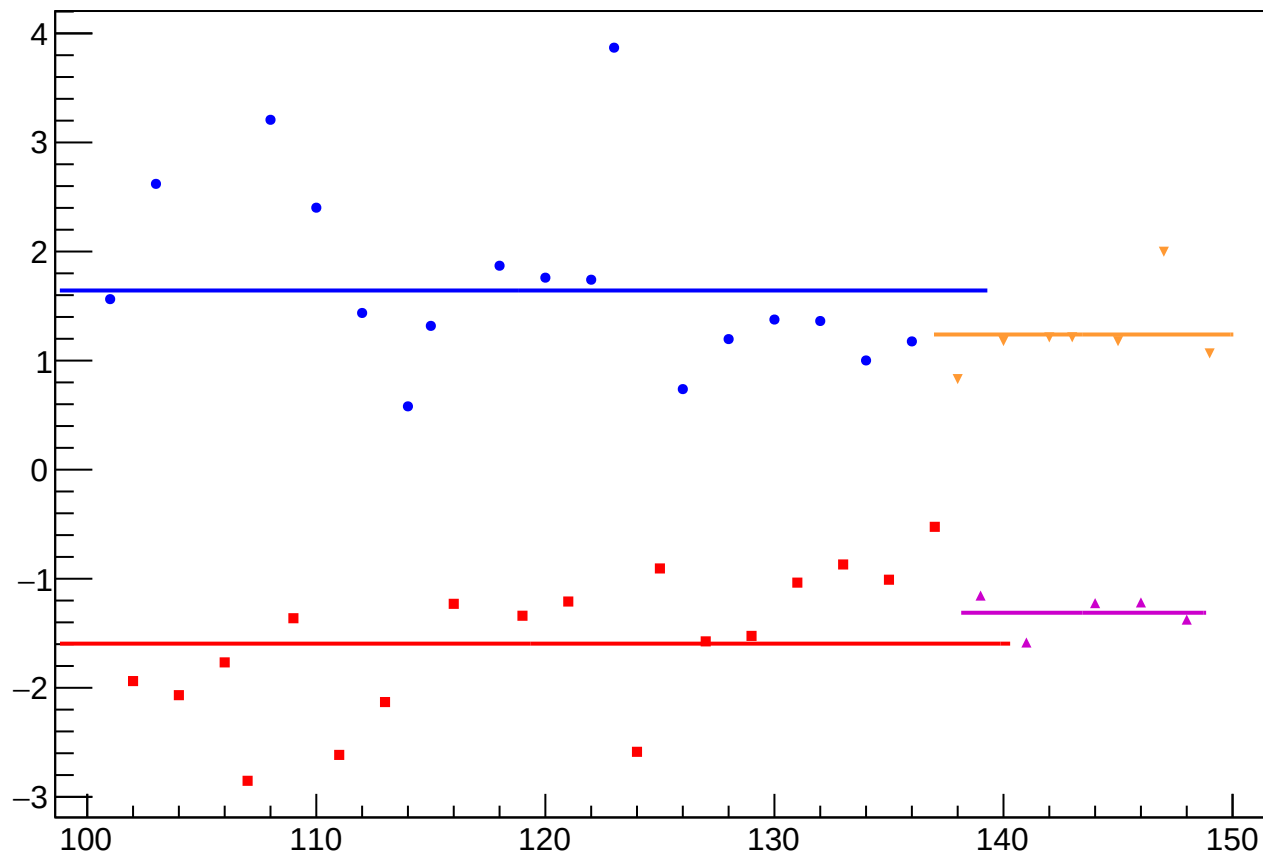
Left Out: 159.201+/-0.000 χ^2/NDF : 291513552099125768844716757538045952.0/6

Right Out: -191.757+/-0.000 χ^2/NDF : 1600653754892471682568282524337831936.0/17

Left In: -174.036+/-0.000 χ^2/NDF : 44585754749415839000541831144407040.0/4

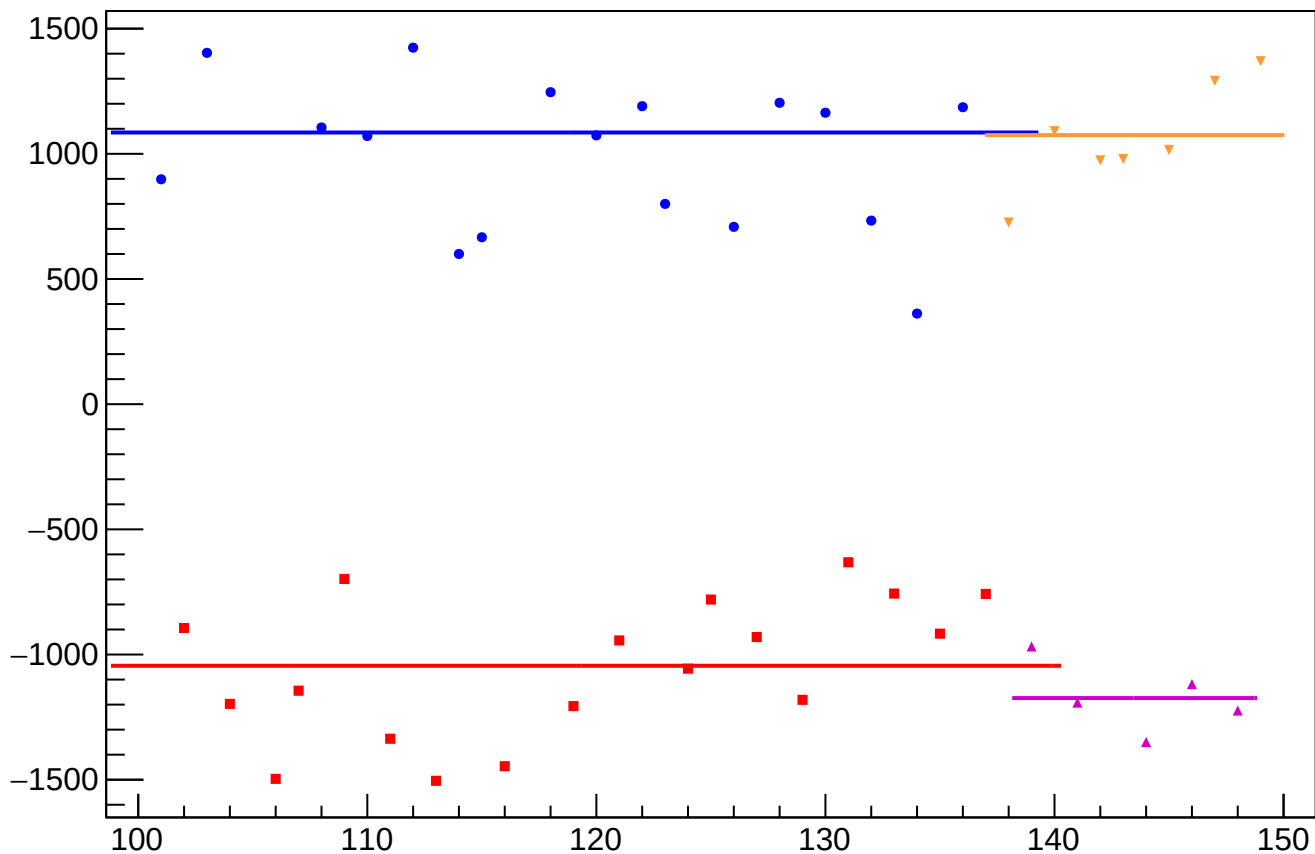
All: 1.296+/-0.000 χ^2/NDF : 81009151265793

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



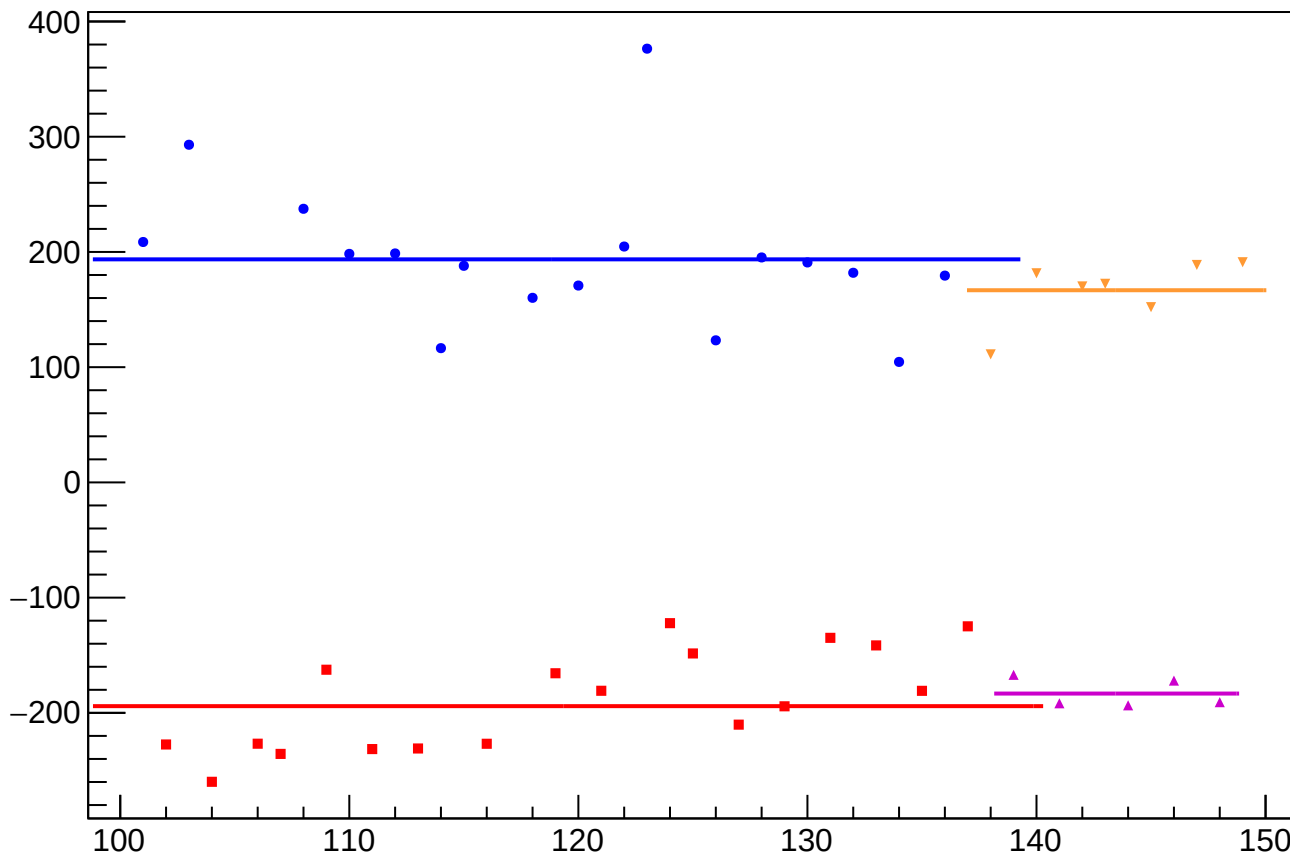
Right In: 1.643 $\pm$ 0.000 χ^2 /NDF: 289253300871261454870716449030144.0/16
 Left Out: 1.239 $\pm$ 0.000 χ^2 /NDF: 61170464032609536594573118144512.0/6
 Right Out: -1.595 $\pm$ 0.000 χ^2 /NDF: 253487865182855947655895326916608.0/17
 Left In: -1.312 $\pm$ 0.000 χ^2 /NDF: 10099652821992834551702821535744.0/4
 All: 0.035 $\pm$ 0.000 χ^2 /NDF: 58174246075375

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 193.573+/-0.000 χ^2/NDF : 1351064334288465855493252395600707584.0/16

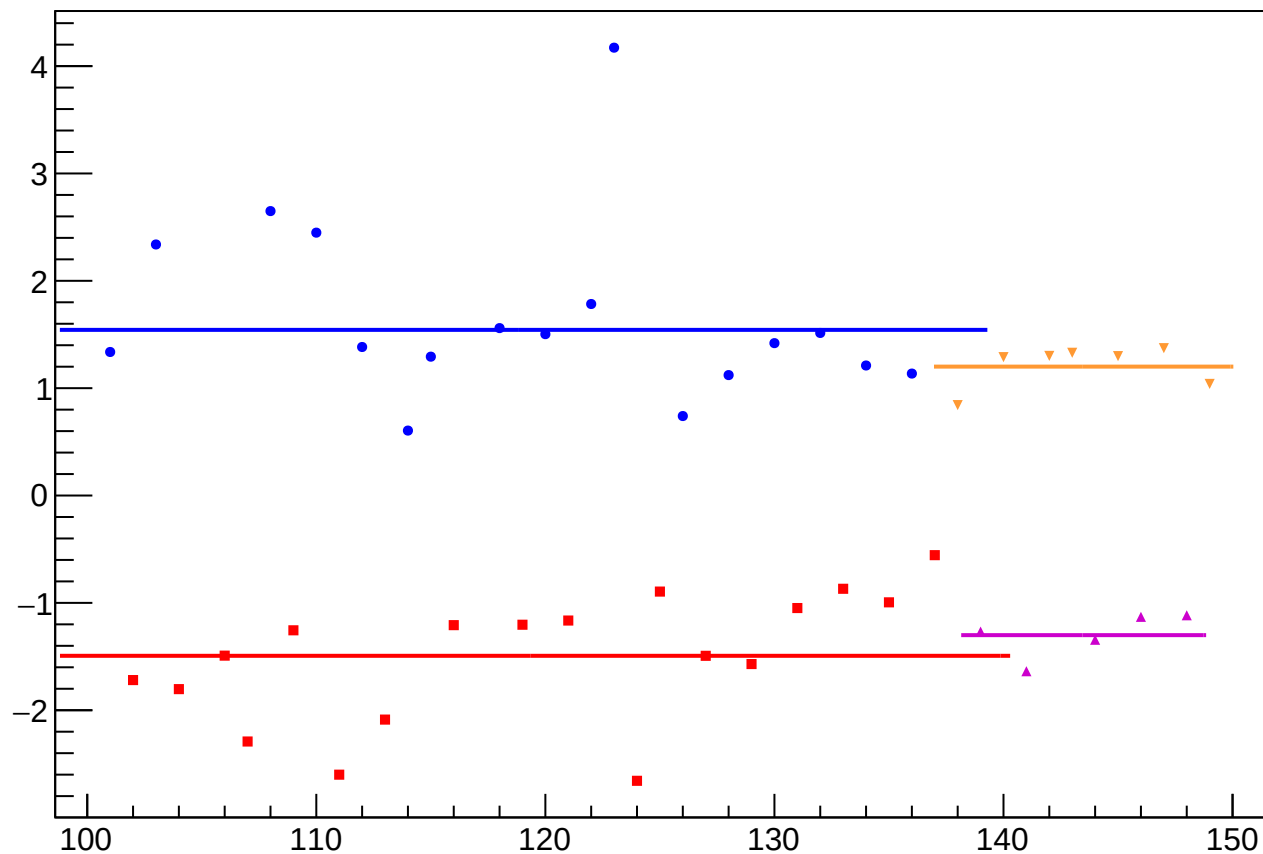
Left Out: 166.772+/-0.000 χ^2/NDF : 365849836395672930130414466674720768.0/6

Right Out: -194.177+/-0.000 χ^2/NDF : 1137351144016205804609551236362928128.0/17

Left In: -183.257+/-0.000 χ^2/NDF : 51982969788483468999004933687607296.0/4

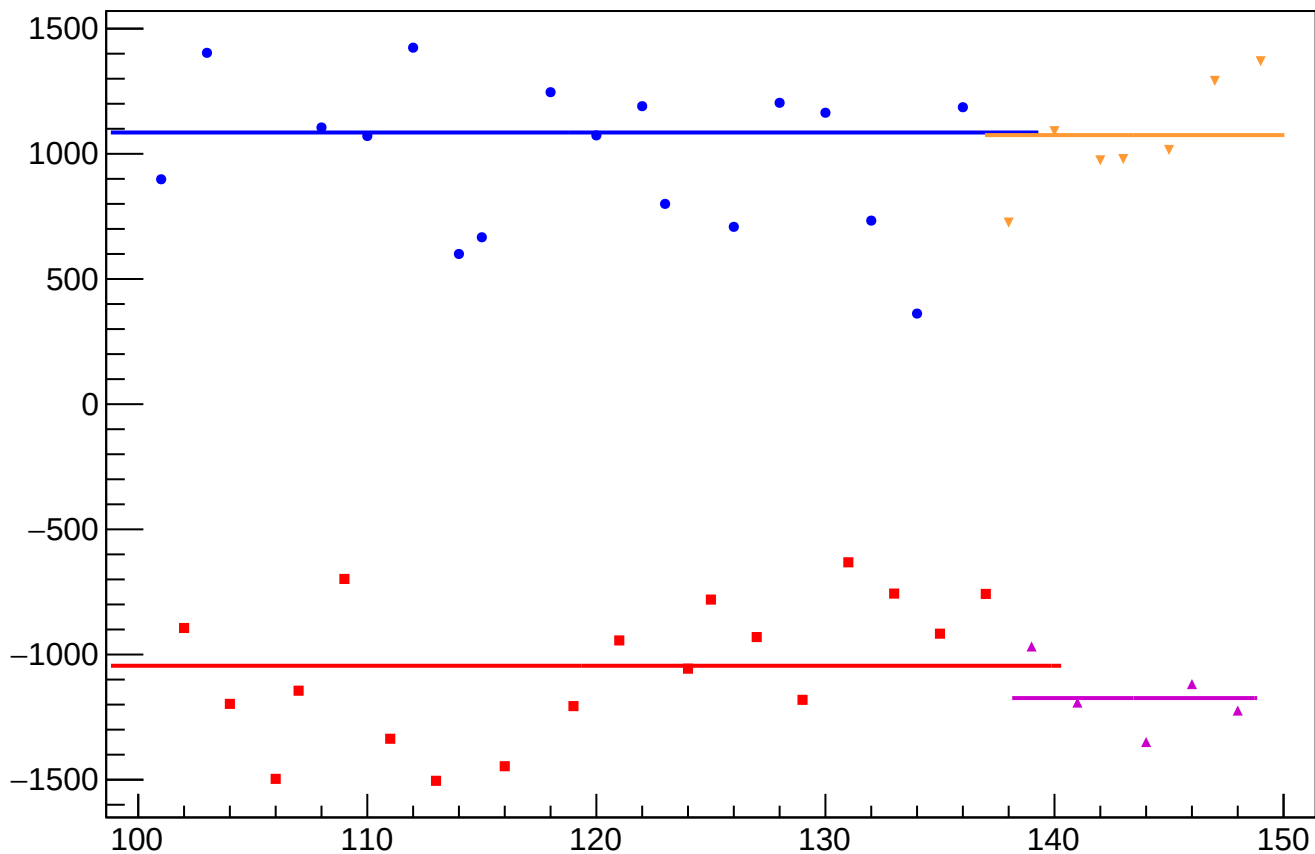
All: 1.588+/-0.000 χ^2/NDF : 84303568339299

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



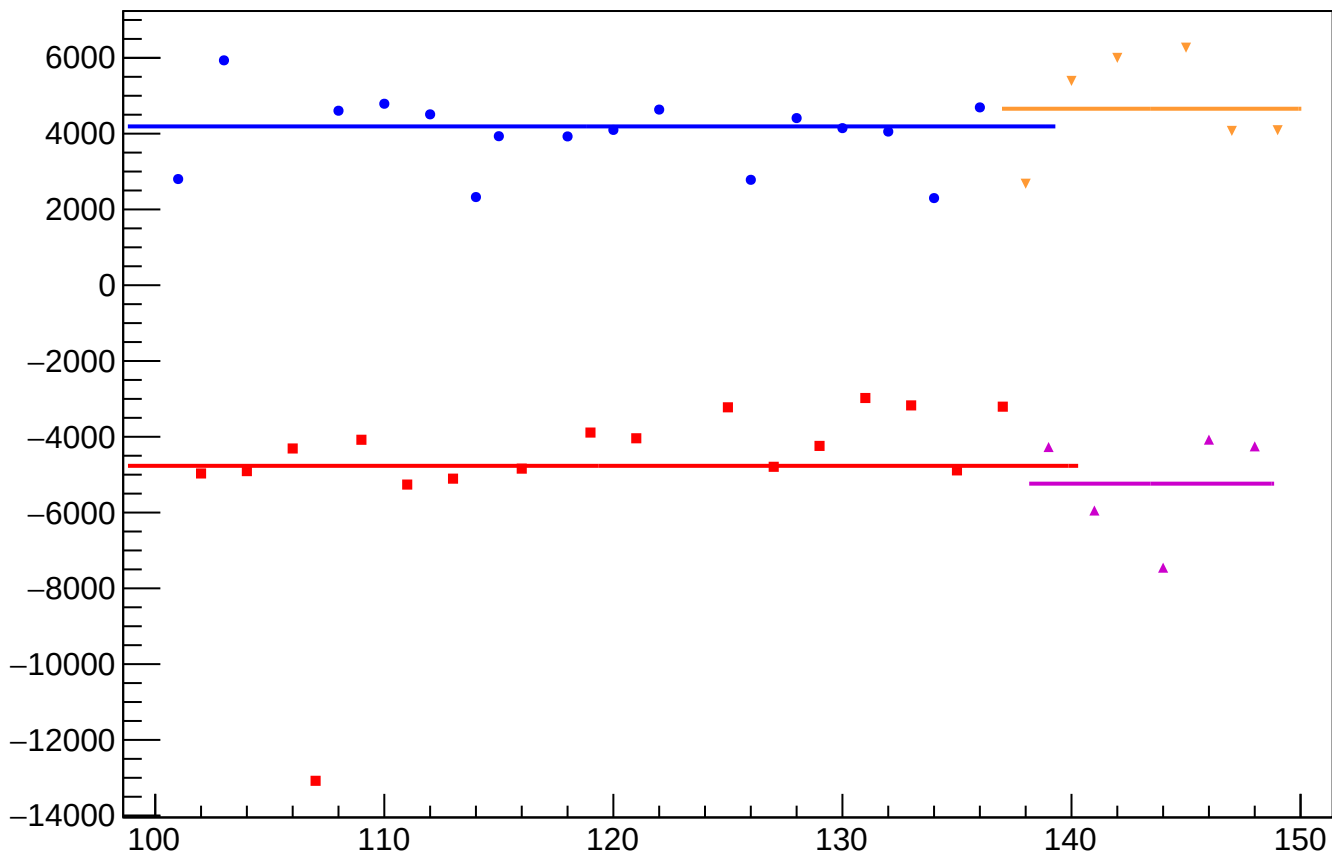
Right In: 1.543+/-0.000 χ^2/NDF : 211470615756148398389395258867712.0/16
 Left Out: 1.201+/-0.000 χ^2/NDF : 17465759411943880088508847620096.0/6
 Right Out: -1.493+/-0.000 χ^2/NDF : 198853919603996729553220305682432.0/17
 Left In: -1.301+/-0.000 χ^2/NDF : 15149254513792896676731274919936.0/4
 All: 0.030+/-0.000 χ^2/NDF : 51406298698042

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4190.973+/-0.000

χ^2/NDF : 554038134535494230935556440305969397760.0/15

Left Out: 4657.512+/-0.000

χ^2/NDF : 688893026337502687272175546145703985152.0/5

Right Out: -4766.714+/-0.000

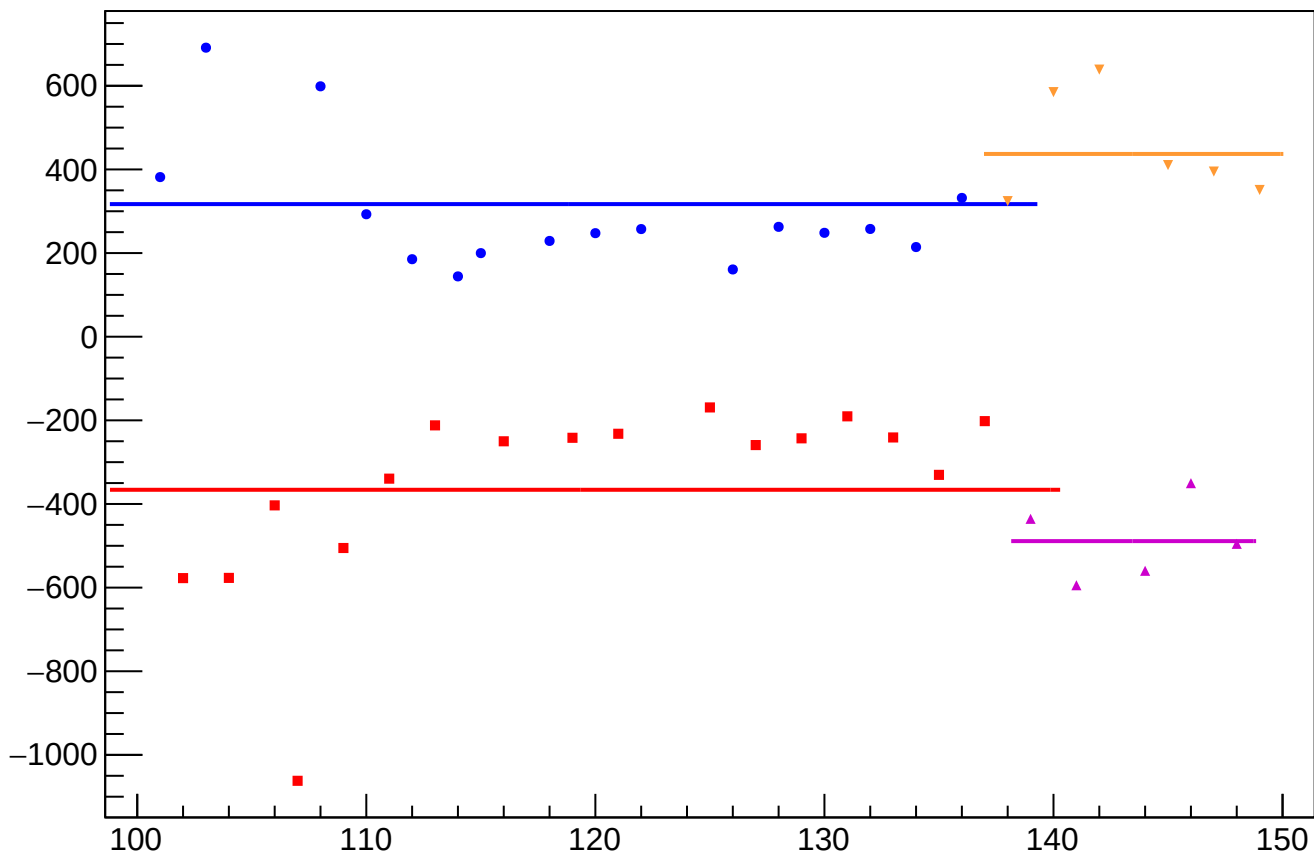
χ^2/NDF : 2969196242721495635889986773908602224640.0/16

Left In: -5237.308+/-0.000

χ^2/NDF : 749320762907541262290093850399093030912.0/4

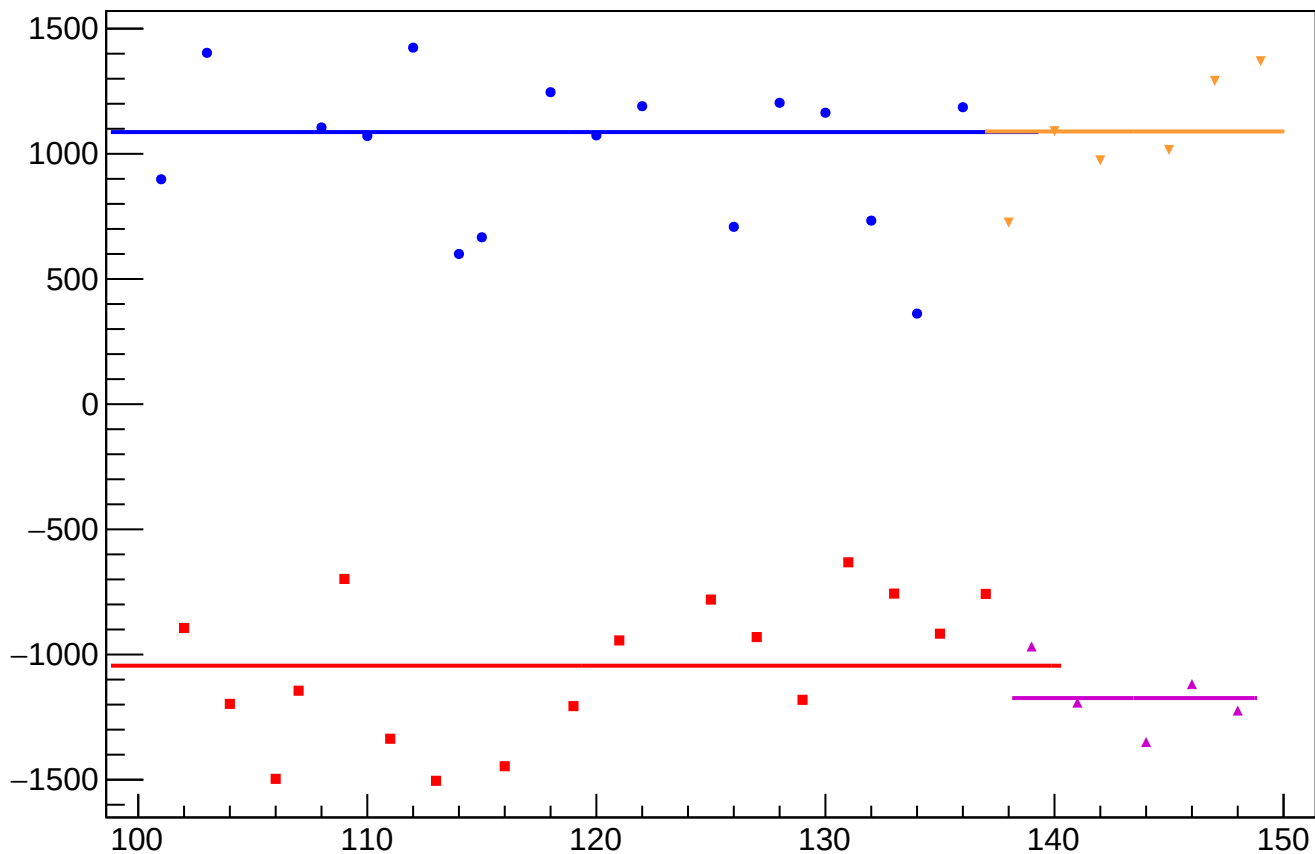
All: -257.897+/-0.000 χ^2/NDF : 54108376633

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 317.084+/-0.000 χ^2/NDF : 15440276359245580191741047920465543168.0/15
 Left Out: 437.041+/-0.000 χ^2/NDF : 5472722819394380336189051684272472064.0/5
 Right Out: -366.053+/-0.000 χ^2/NDF : 31157973605683459615642144815175434240.0/16
 Left In: -488.816+/-0.000 χ^2/NDF : 3222056758043196723411793238724444160.0/4
 All: -21.769+/-0.000 χ^2/NDF : 403548679869

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1086.839+/-0.000

χ^2/NDF : 44275849492978077110615226297834536960.0/15

Left Out: 1089.197+/-0.000

χ^2/NDF : 21170188708889253906659536568921882624.0/5

Right Out: -1044.621+/-0.000

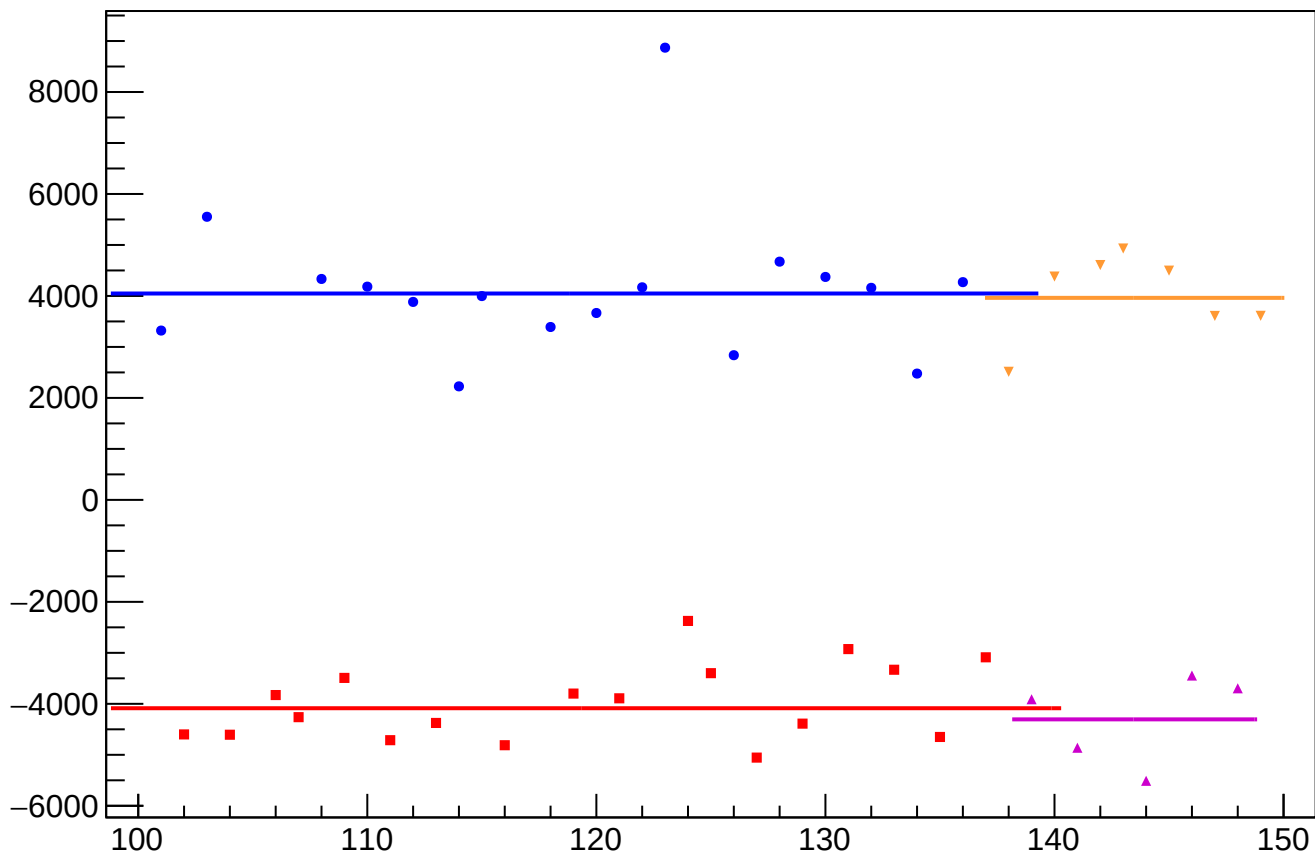
χ^2/NDF : 50844042601115178022623217176499191808.0/16

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

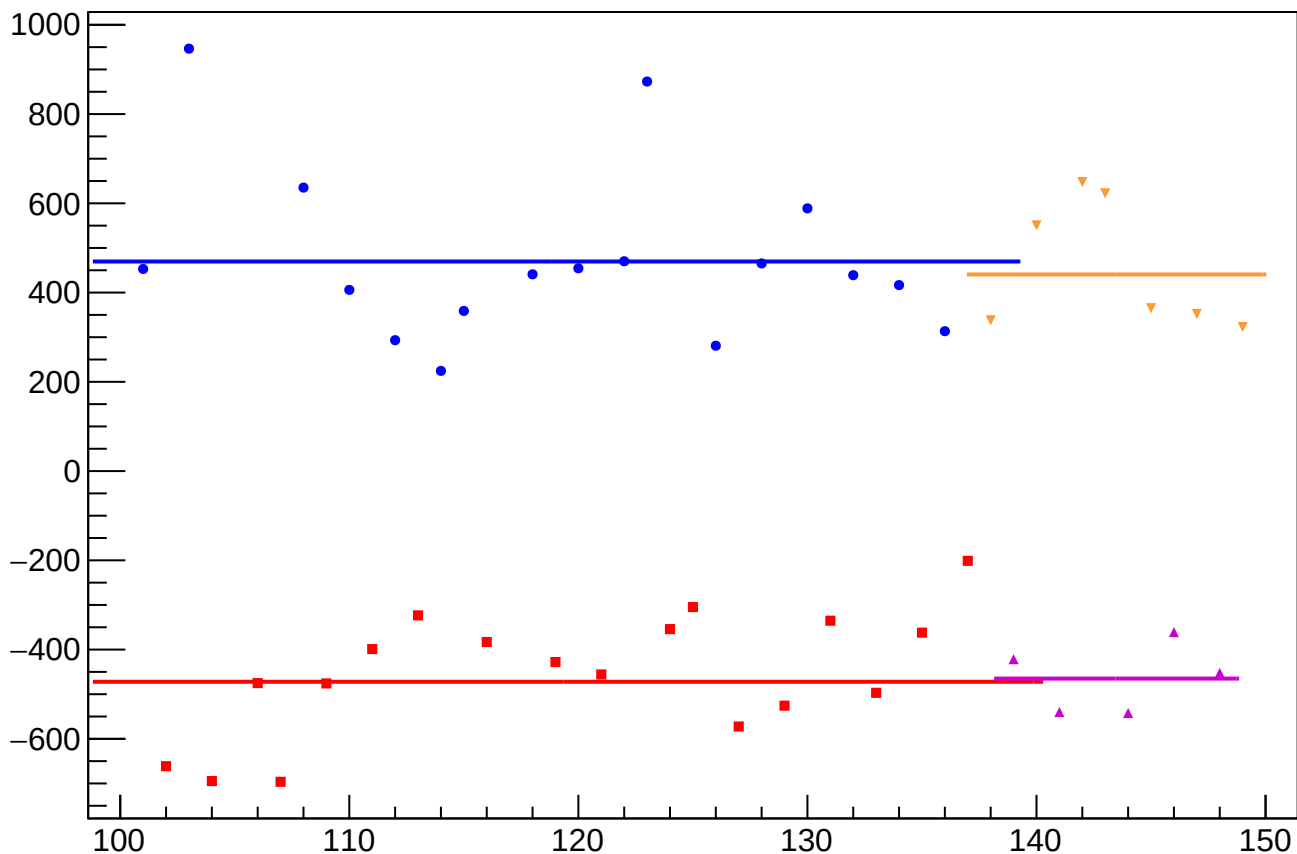
Left: -11.065+/-0.000 χ^2/NDF : 1138385679638528
 Right: 12.682+/-0.000 χ^2/NDF : 1674891189801591
 In: 228.897+/-0.000 χ^2/NDF : 13892647366358293
 Out: -214.906+/-0.000 χ^2/NDF : 131310671943990
 All: 3.557+/-0.000 χ^2/NDF : 28135782484641

dit_usr_coil4_mean vs Slug, Sign Corrected



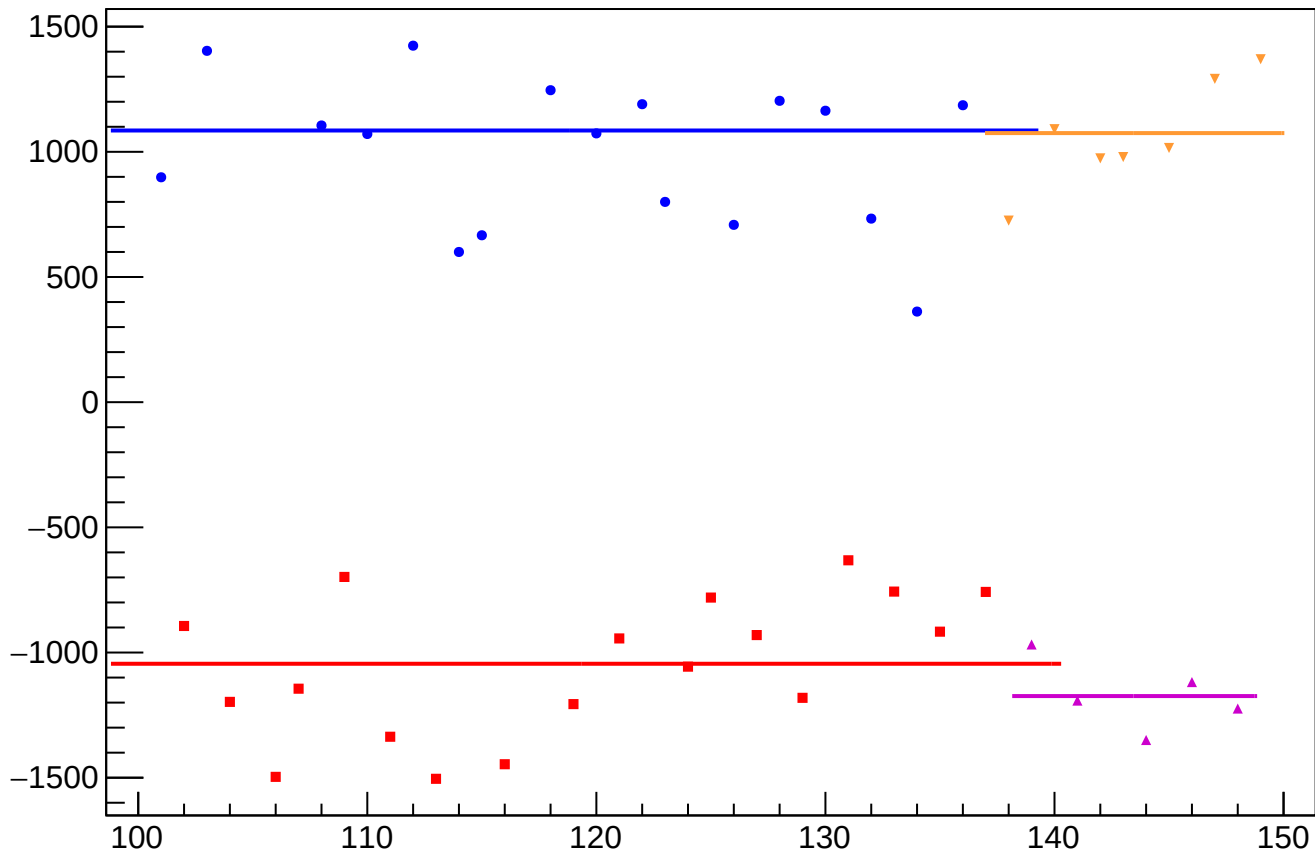
Right In: 4047.777+/-0.000 χ^2/NDF : 474277601546286209707812771687018004480.0/16
 Left Out: 3962.508+/-0.000 χ^2/NDF : 302593162678146176209119003650438463488.0/6
 Right Out: -4086.316+/-0.000 χ^2/NDF : 301982700213825275137563978140215148544.0/17
 Left In: -4304.871+/-0.000 χ^2/NDF : 260652467045156907280752848700547530752.0/4
 All: 44.178+/-0.000 χ^2/NDF : 4052015004365

dit_usr_coil4_err_mean vs Slug, Sign Corrected



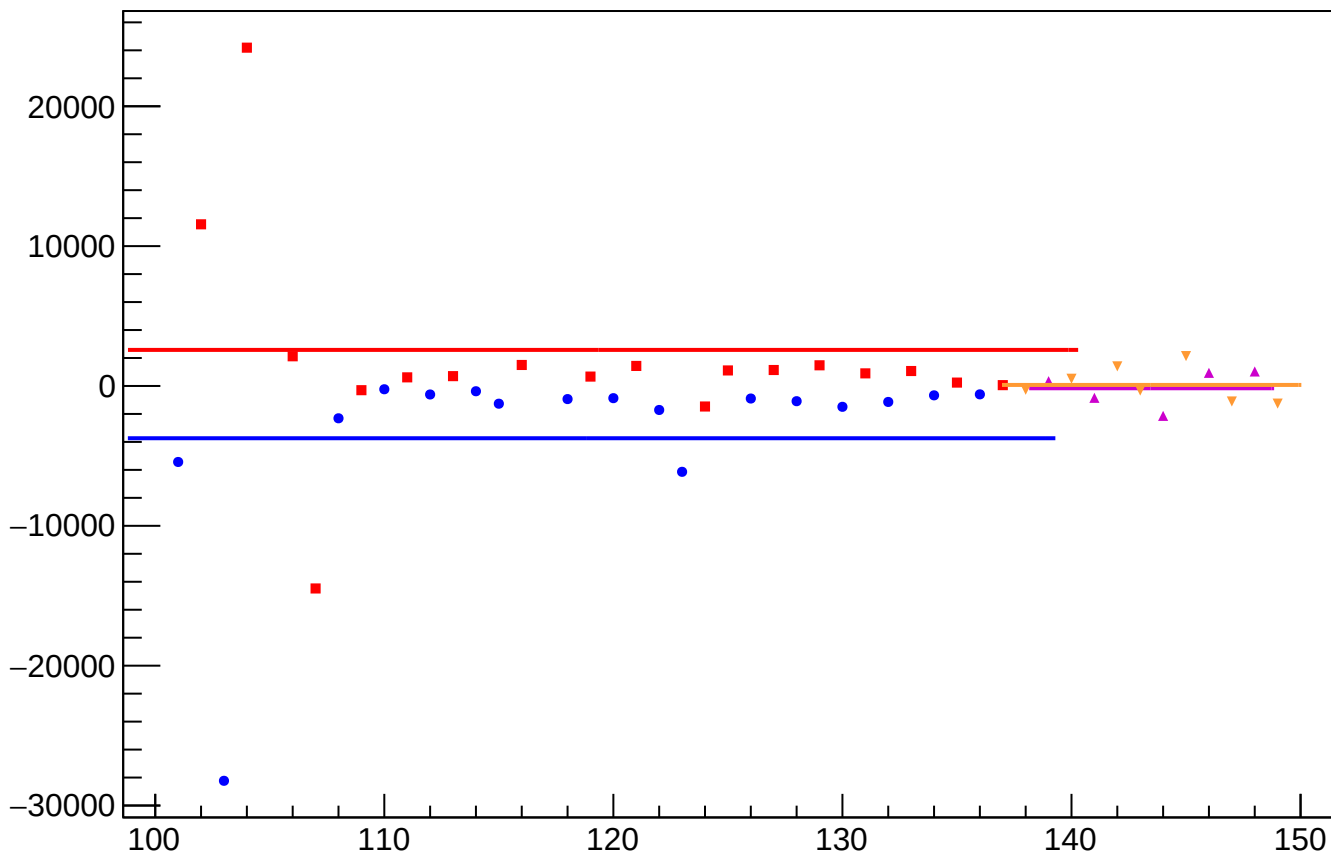
Right In: 469.645+/-0.000 χ^2/NDF : 22201042961896219188176863921652629504.0/16
 Left Out: 440.576+/-0.000 χ^2/NDF : 8225155792393617592190928333102383104.0/6
 Right Out: -472.112+/-0.000 χ^2/NDF : 12398871924669384395849092219212398592.0/17
 Left In: -464.972+/-0.000 χ^2/NDF : 2074681142995116141424056183837163520.0/4
 All: 7.752+/-0.000 χ^2/NDF : 54801121810119

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3737.261+/-0.000

χ^2/NDF : 39970682954500817220133496875438988853248.0/16

Left Out: 74.004+/-0.000

χ^2/NDF : 707748286254621331548305903503406006272.0/6

Right Out: 2578.788+/-0.000

χ^2/NDF : 41033783209718443304558448411646302879744.0/17

Left In: -164.207+/-0.000

χ^2/NDF : 629380465698204806866819312315273314304.0/4

Left: -33.510+/-0.000 χ^2/NDF : 1350267142076374

Right: -532.169+/-0.000

χ^2/NDF : 95053466070951

In: -2386.160+/-0.000

χ^2/NDF : 439503869296492

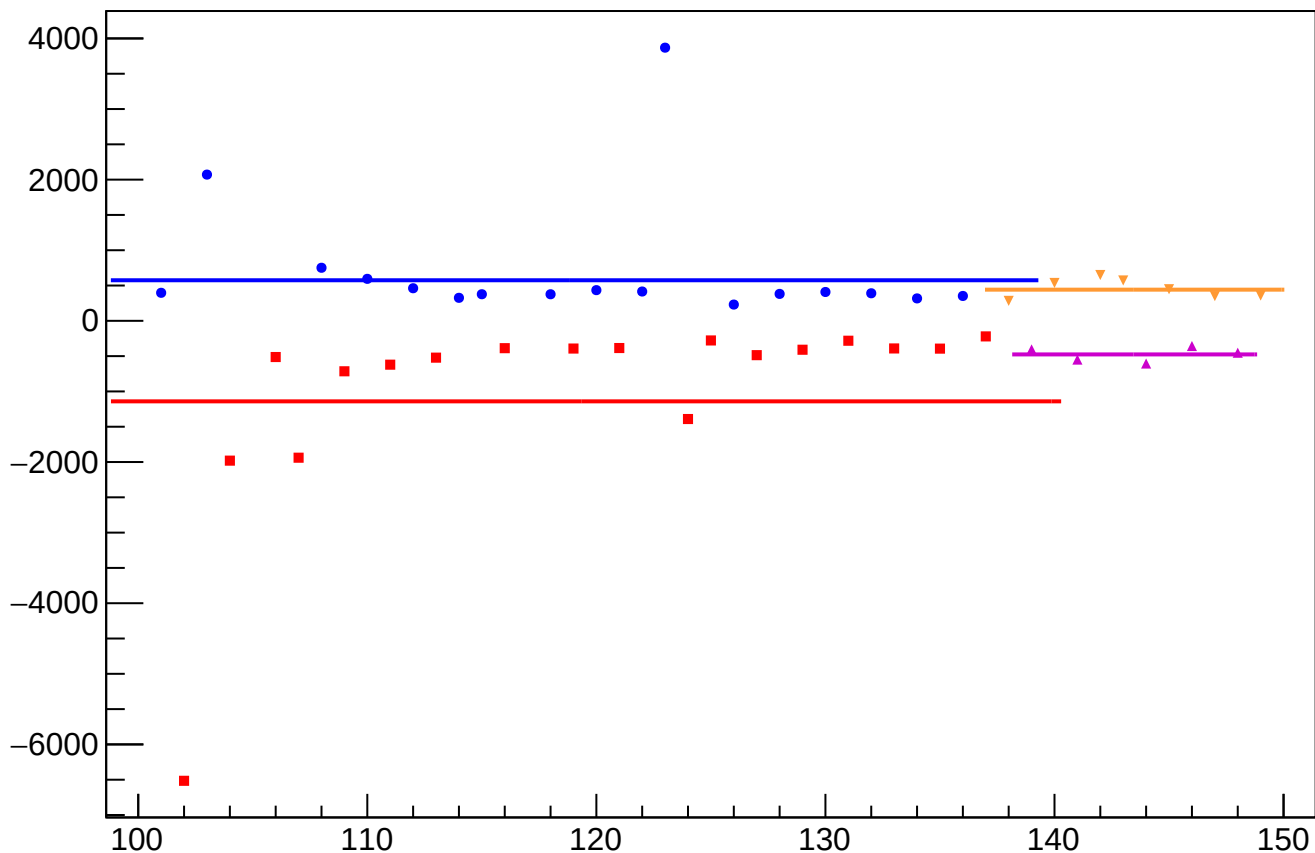
Out: 1532.408+/-0.000

χ^2/NDF : 436155140494131

All: -333.258+/-0.000

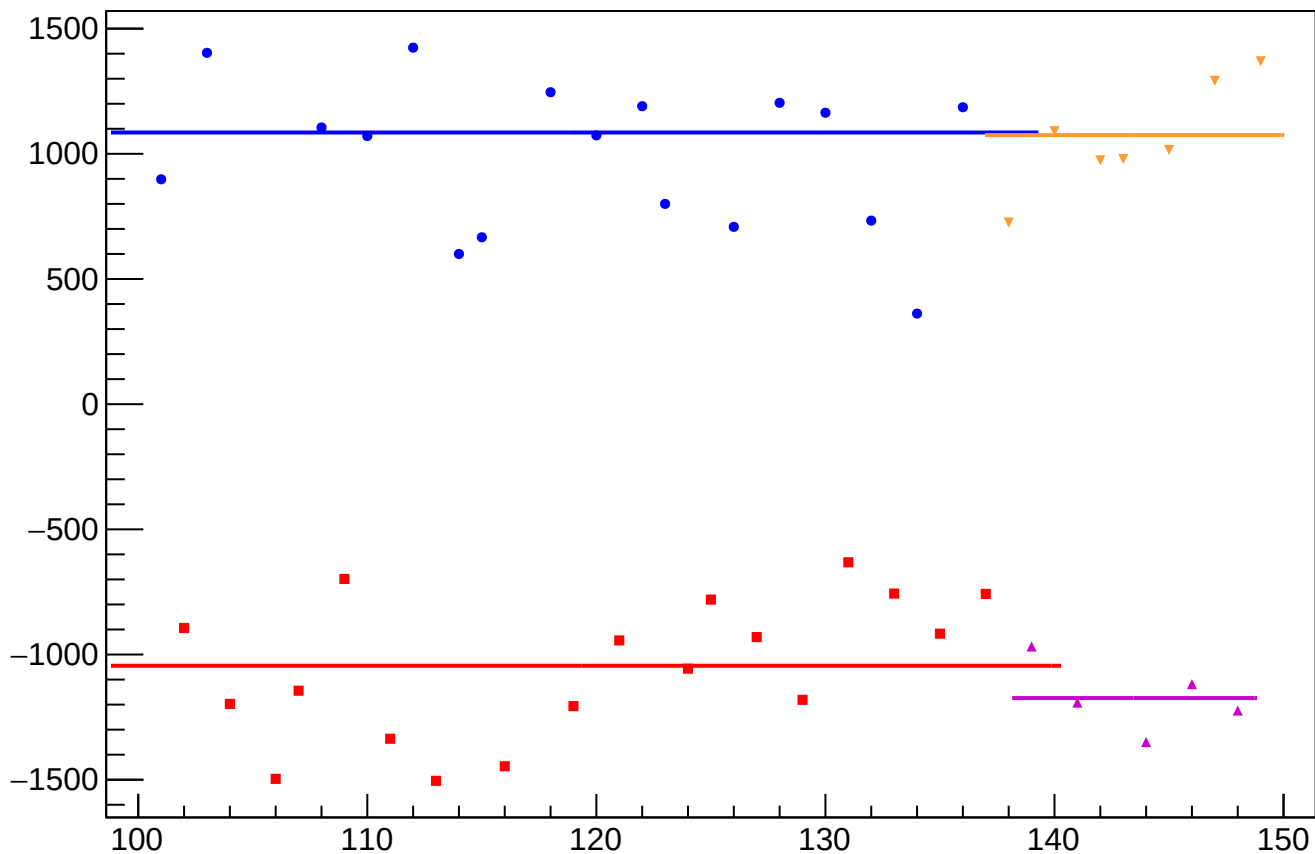
χ^2/NDF : 96543489866

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



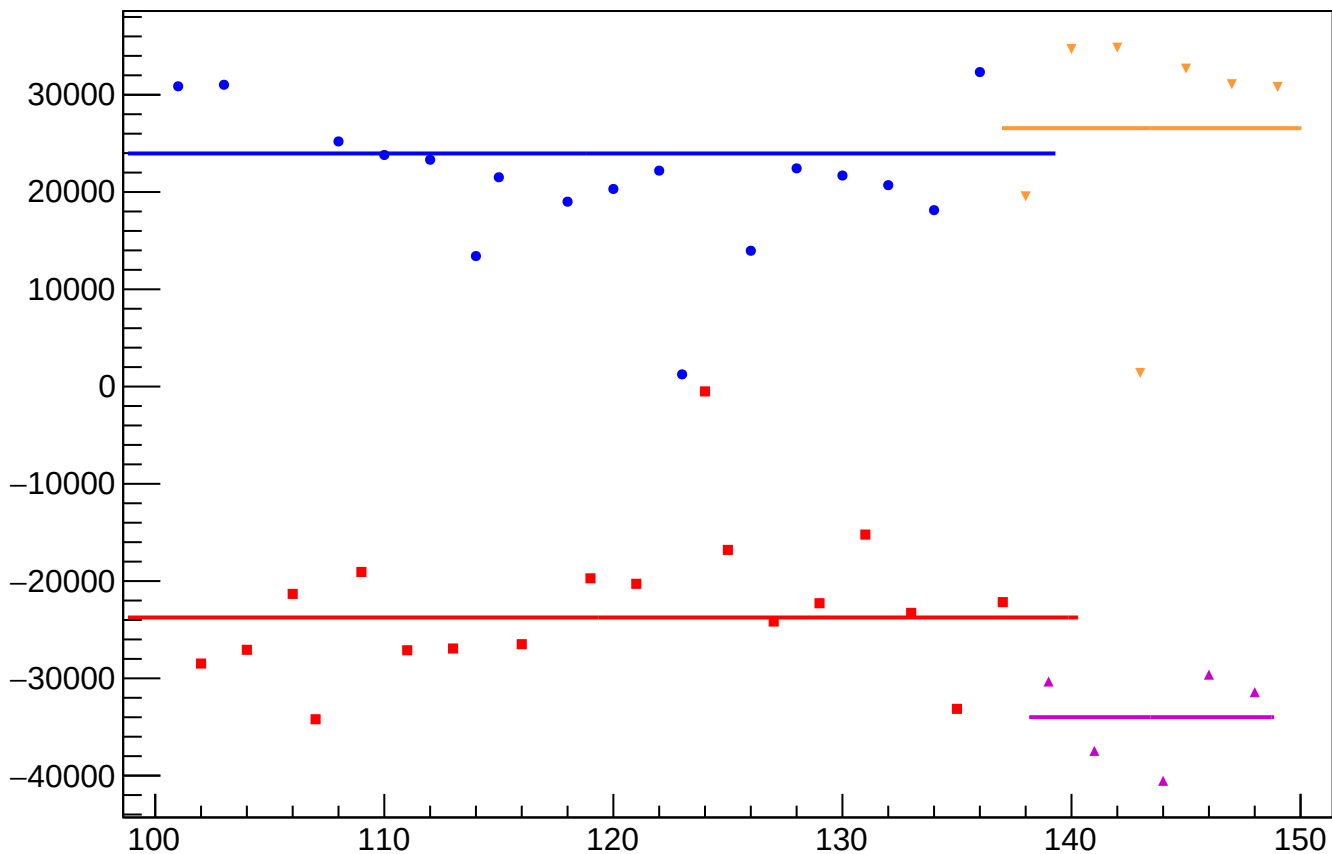
Right In: 574.655+/-0.000 χ^2/NDF : 199698400452439530730016550179978608640.0/16
 Left Out: 441.481+/-0.000 χ^2/NDF : 7076102523720526220493826459602780160.0/6
 Right Out: -1140.608+/-0.000 χ^2/NDF : 2013558101221942862779211693423515926528.0/17
 Left In: -475.785+/-0.000 χ^2/NDF : 3577472139913720052512271068936798208.0/4
 All: -166.820+/-0.000 χ^2/NDF : 35135785380

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



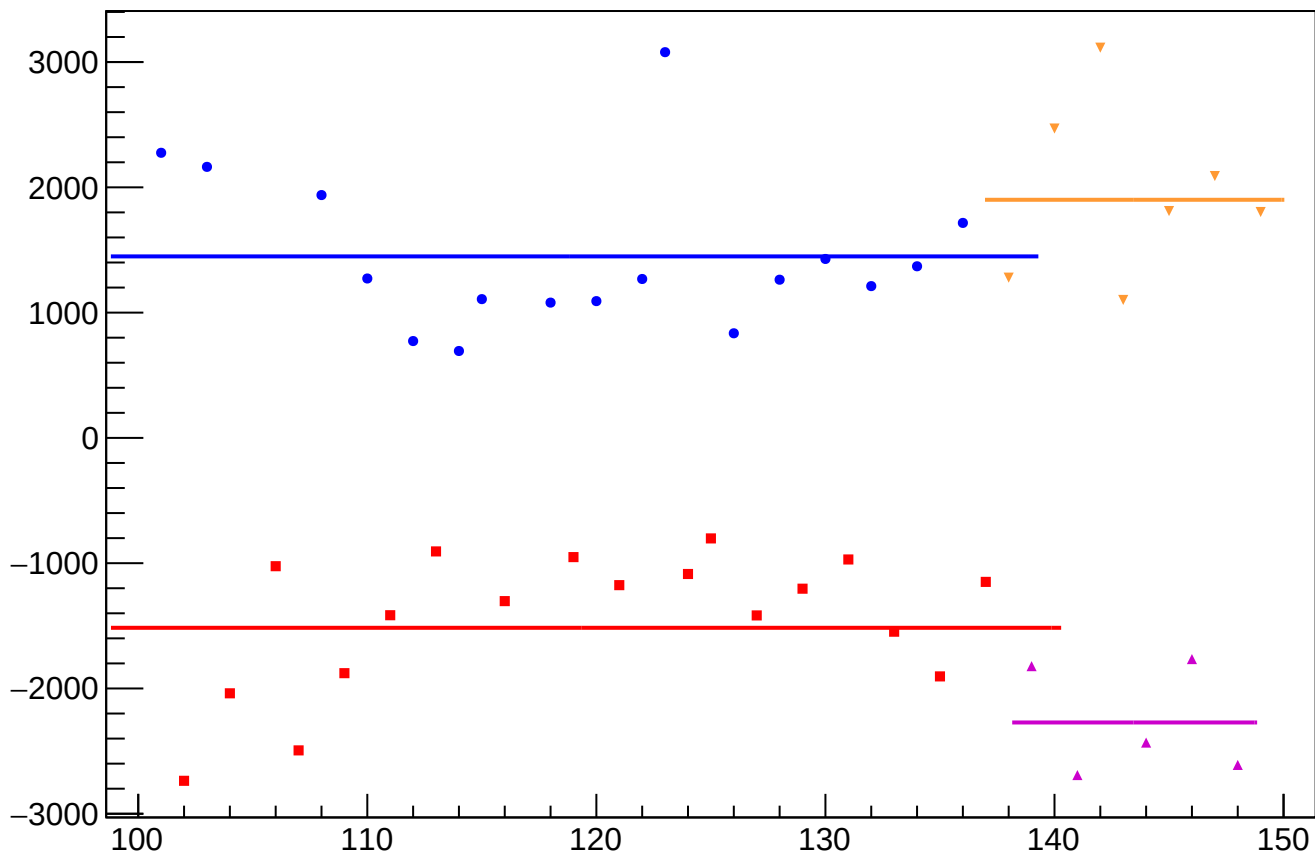
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 23965.147+/-0.000 χ^2/NDF : 22982900561545593794269983567622080299008.0/16
 Left Out: 26565.807+/-0.000 χ^2/NDF : 60872860909113183214529296507213023543296.0/6
 Right Out: -23743.519+/-0.000 χ^2/NDF : 25937218131071515690144071247519476088832.0/17
 Left In: -33994.042+/-0.000 χ^2/NDF : 8061205173556200862946294093860835426304.0/4
 All: -453.085+/-0.000 χ^2/NDF : 17687481390

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1448.784 +/- 0.000

χ^2/NDF : 161243667372586677805499102921584803840.0/16

Left Out: 1900.695 +/- 0.000

χ^2/NDF : 171519341391657462088456572516561846272.0/6

Right Out: -1515.702 +/- 0.000

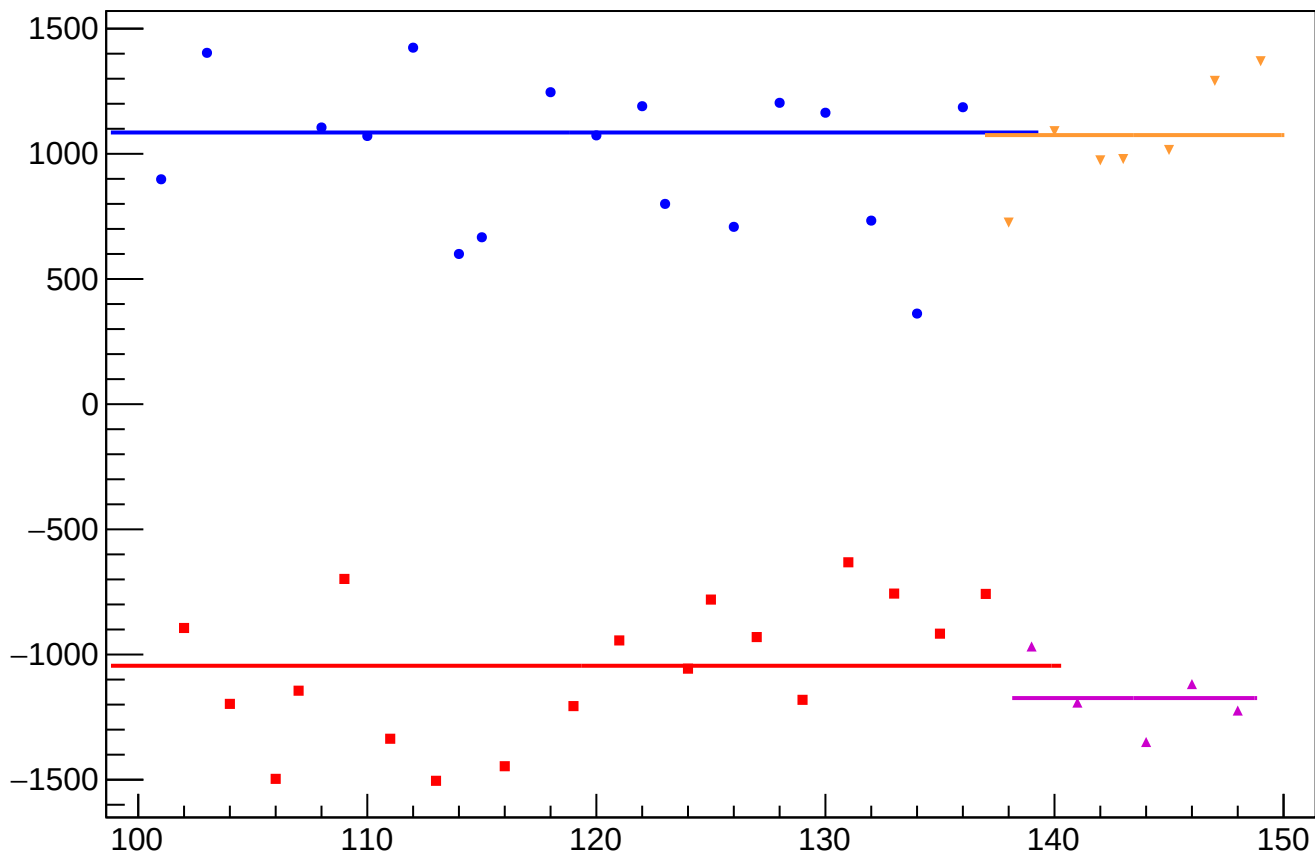
χ^2/NDF : 234412516405982646618467253110689497088.0/17

Left In: -2271.411 +/- 0.000

χ^2/NDF : 64528671233438414321454136917095350272.0/4

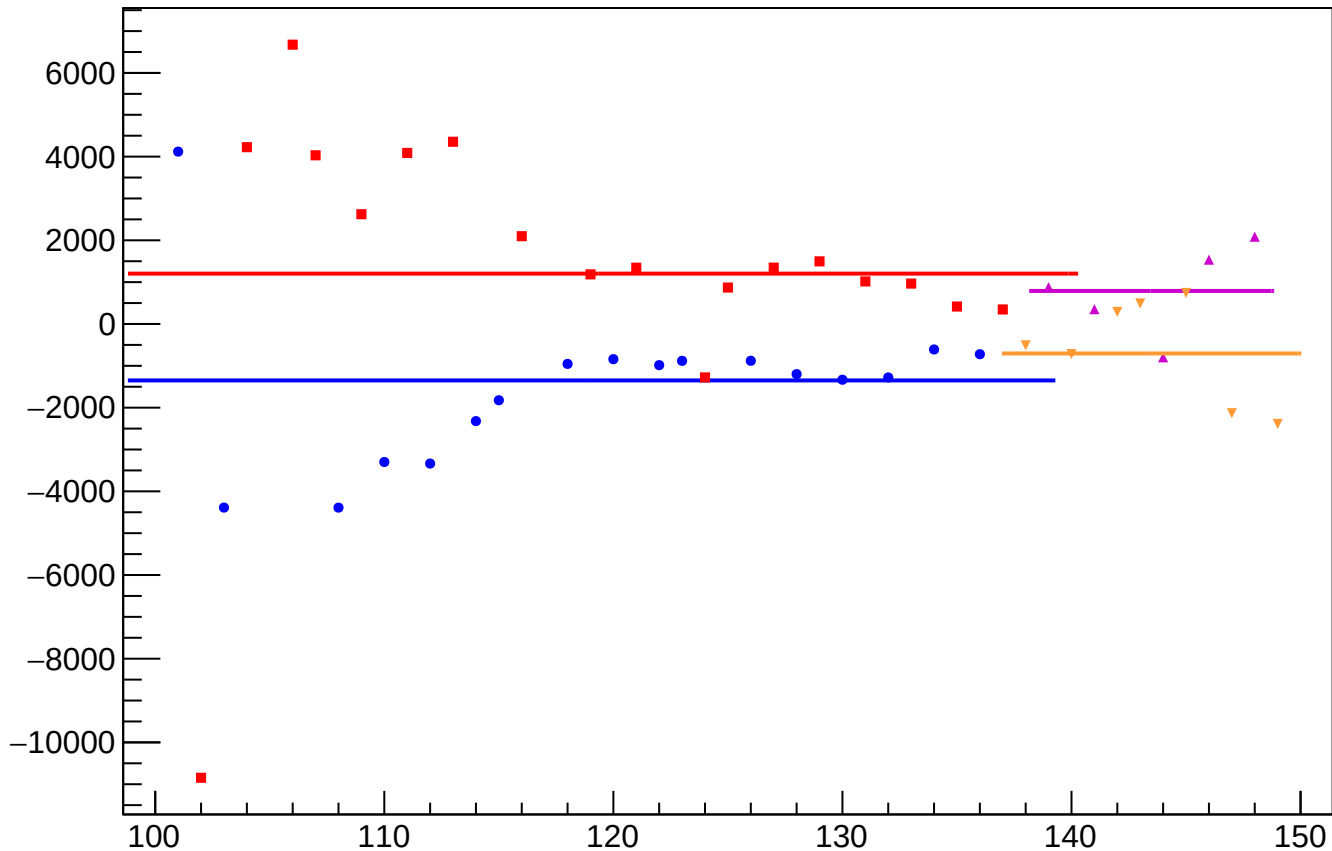
All: -26.344 +/- 0.000 χ^2/NDF : 775988518240

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1349.176+/-0.000

χ^2/NDF : 3084941184045918680057306663363310256128.0/16

Left Out: -705.094+/-0.000

χ^2/NDF : 704746572473640003123414785499422785536.0/6

Right Out: 1203.612+/-0.000

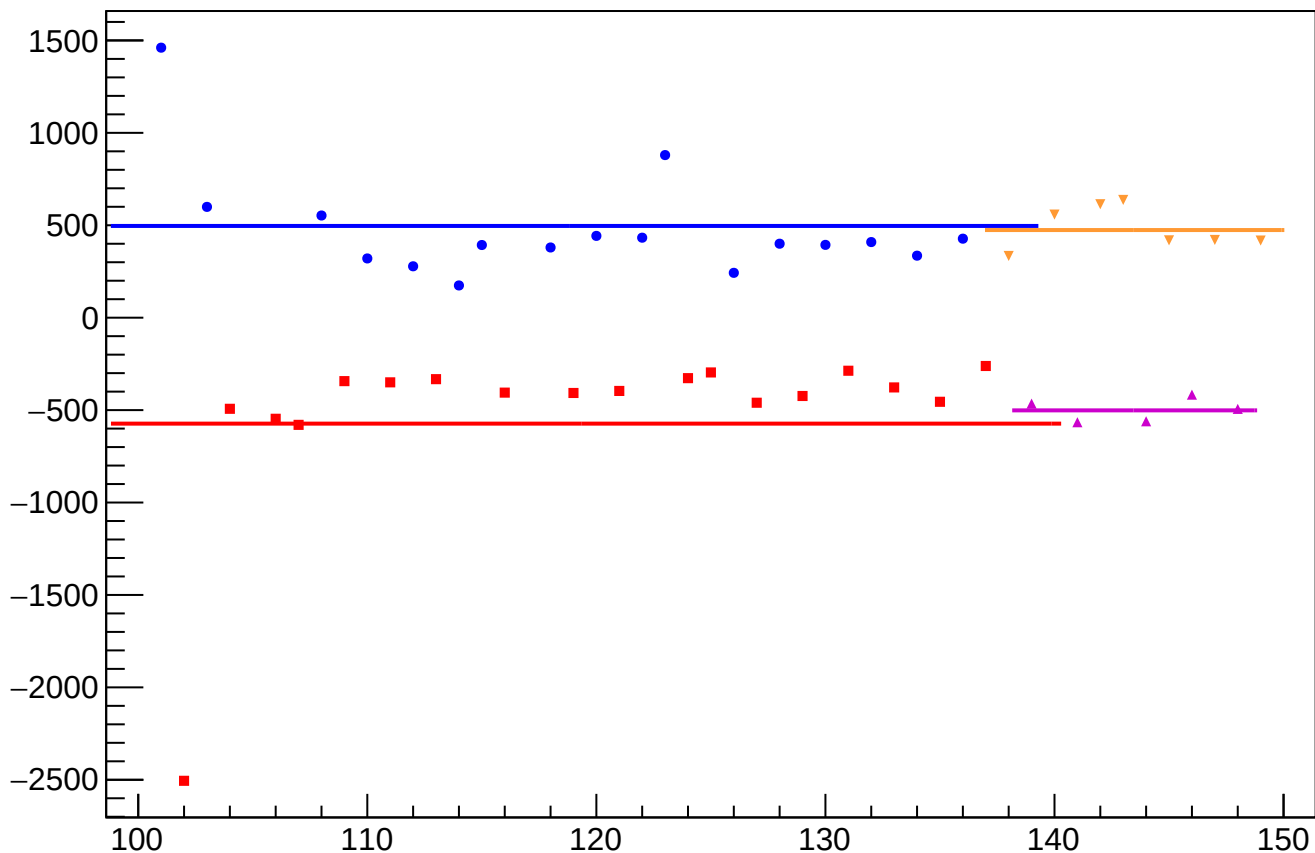
χ^2/NDF : 11193438968454164485978999260490441424896.0/17

Left In: 789.732+/-0.000

χ^2/NDF : 428484591492078561494270620389387272192.0/4

Left: -30.424+/-0.000 χ^2/NDF : 1650599516490624
 Right: -53.758+/-0.000 χ^2/NDF : 165733864830032
 In: -540.377+/-0.000 χ^2/NDF : 4714007784637285
 Out: 406.245+/-0.000 χ^2/NDF : 1298637207922658
 All: -44.450+/-0.000 χ^2/NDF : 182242920176

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 496.351 +/- 0.000

χ^2/NDF : 66983748455015205041159290240142147584.0/16

Left Out: 474.114 +/- 0.000

χ^2/NDF : 5519120672434608073918157855997820928.0/6

Right Out: -573.168 +/- 0.000

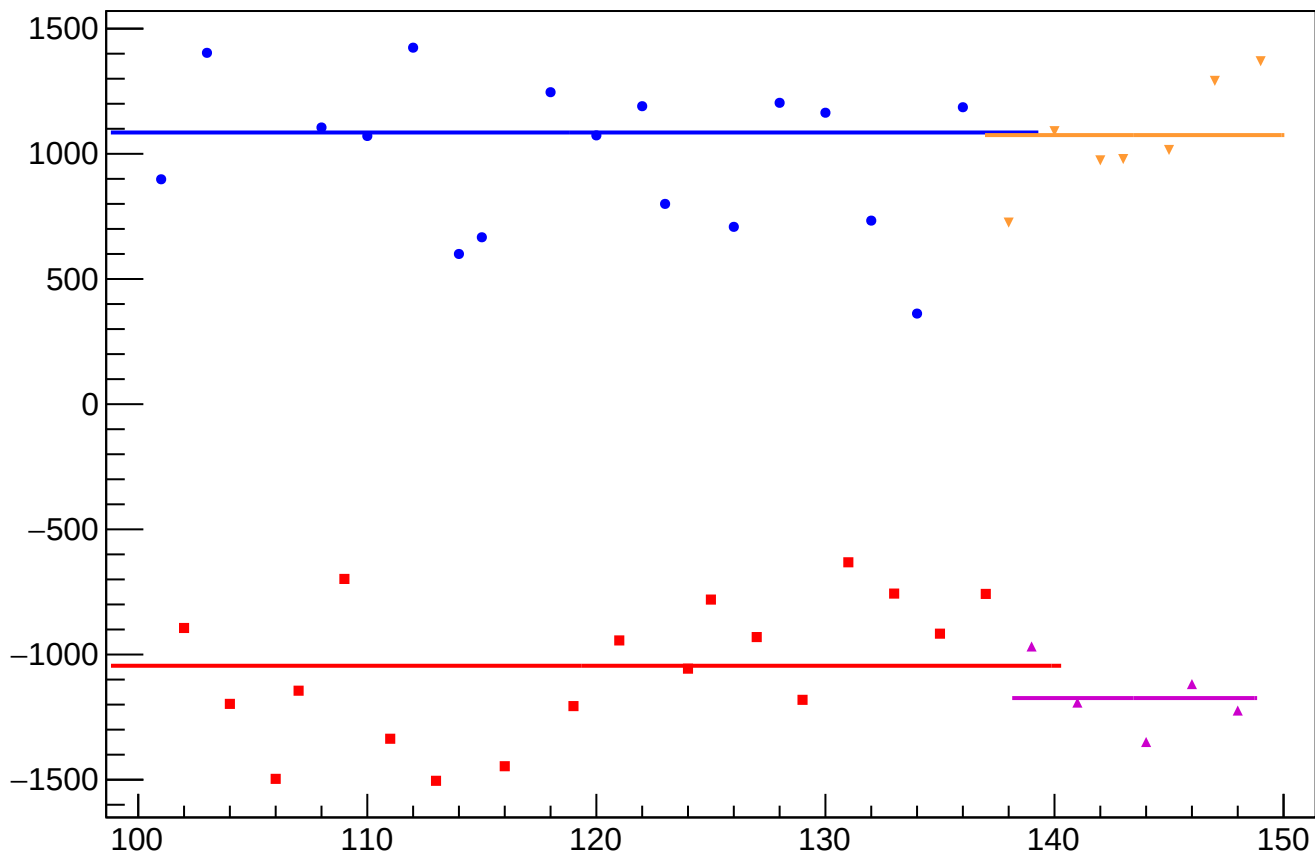
χ^2/NDF : 240073229917698868720276393416726675456.0/17

Left In: -501.425 +/- 0.000

χ^2/NDF : 1374151844766472785083441511716093952.0/4

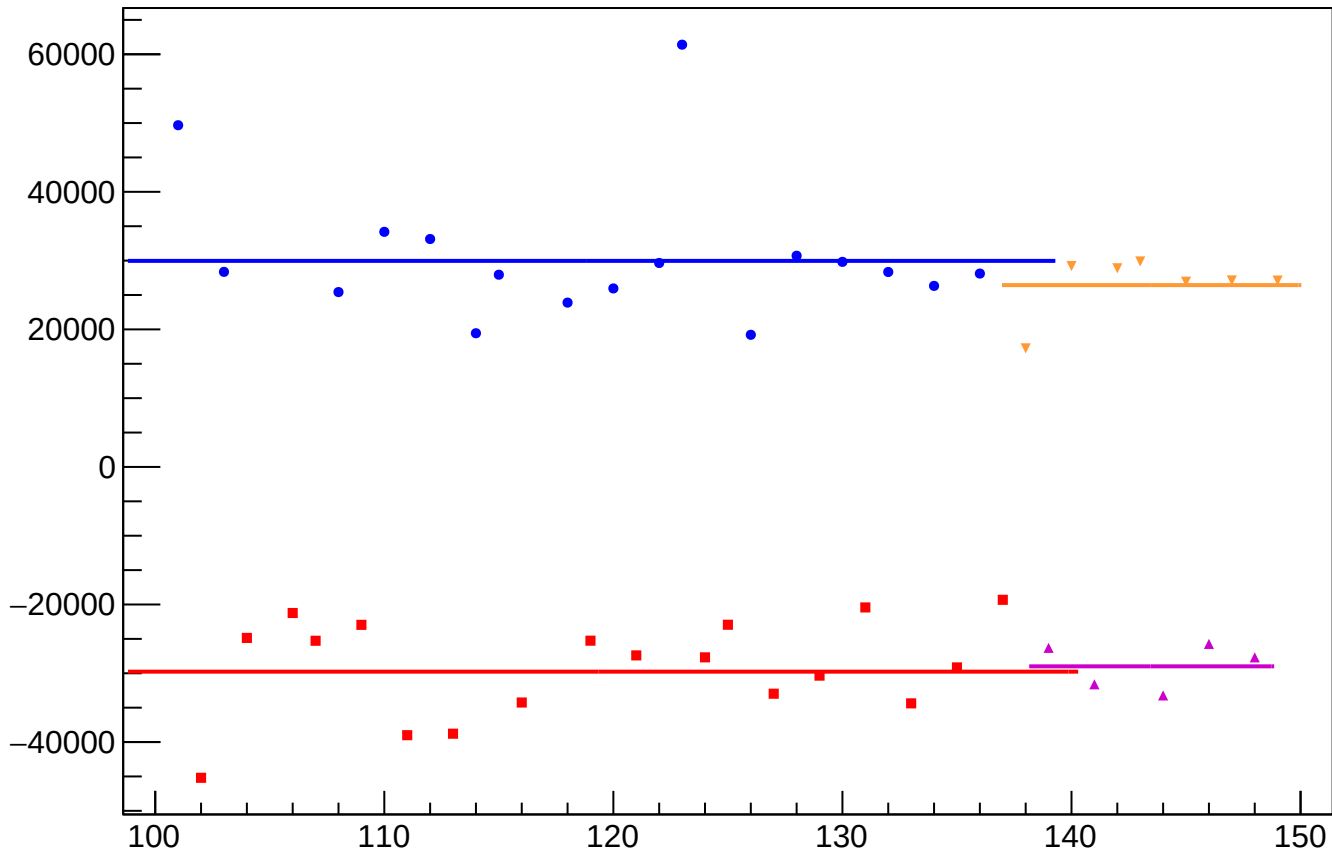
All: -14.389 +/- 0.000 χ^2/NDF : 940751252230

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



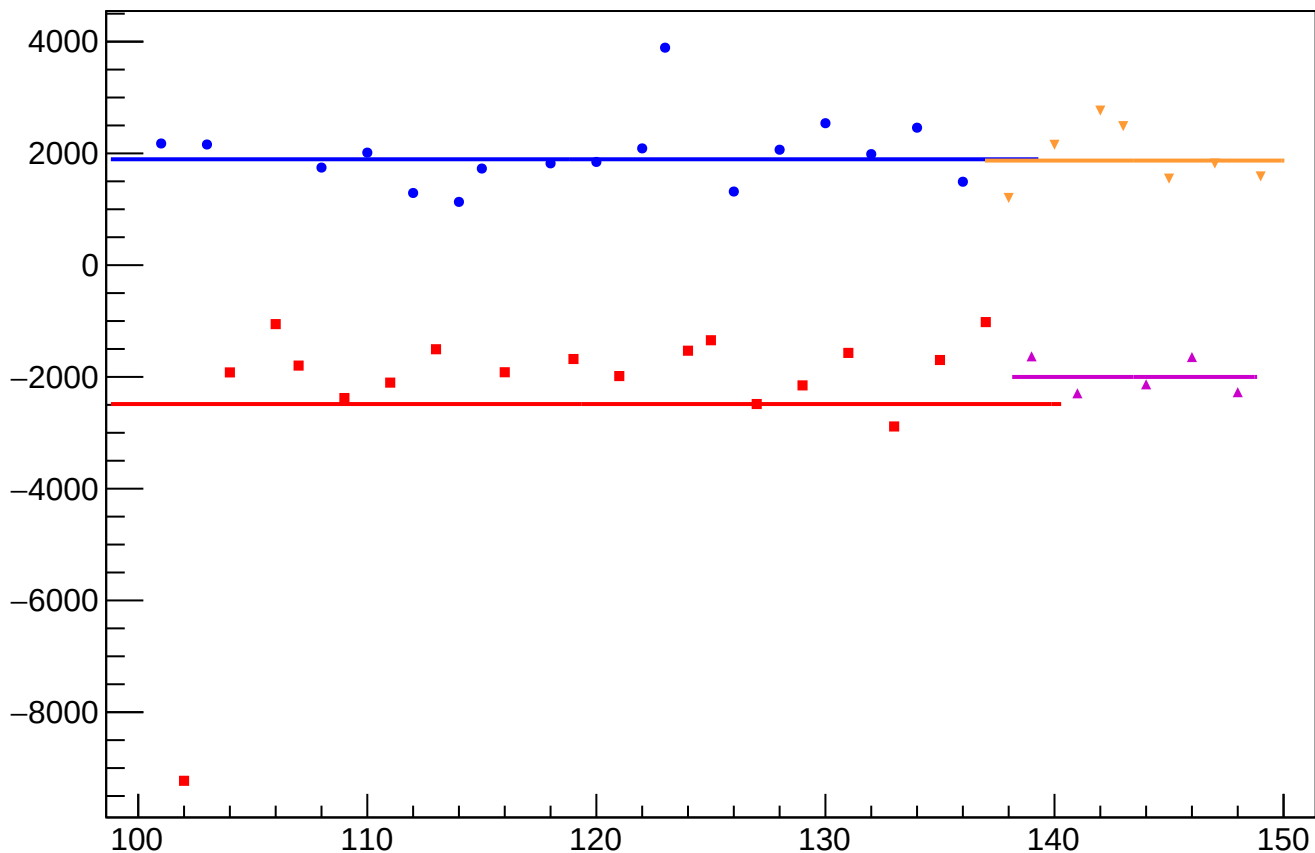
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_atr2_coil4_mean vs Slug, Sign Corrected



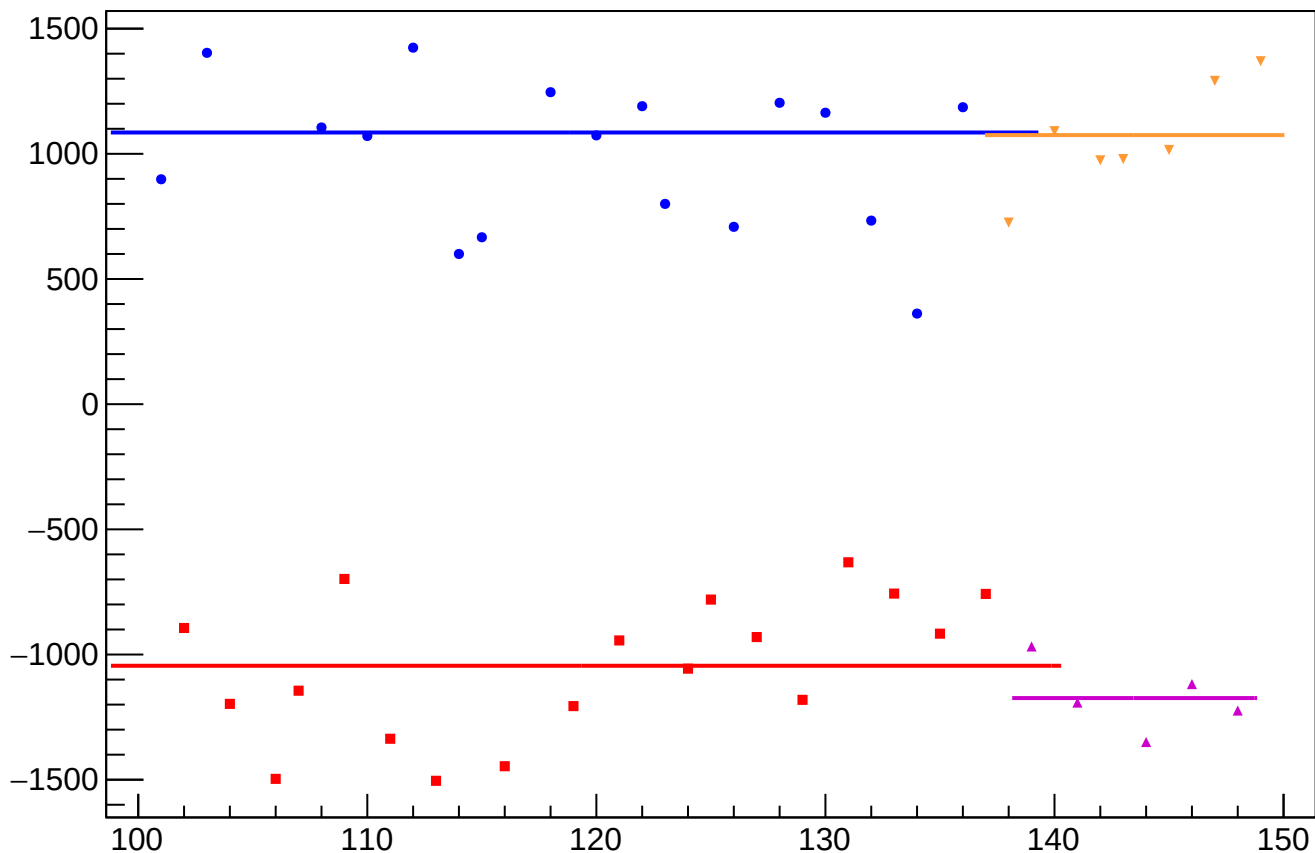
Right In: 29960.563+/-0.000 χ^2/NDF : 38272709086570322906485359352807285587968.0/16
 Left Out: 26437.839+/-0.000 χ^2/NDF : 8386503397087762649358837114359804592128.0/6
 Right Out: -29764.245+/-0.000 χ^2/NDF : 38095124017741211444799459233695721848832.0/17
 Left In: -28991.840+/-0.000 χ^2/NDF : 3783272680867043225495205493487263809536.0/4
 All: 358.042+/-0.000 χ^2/NDF : 205789037370

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



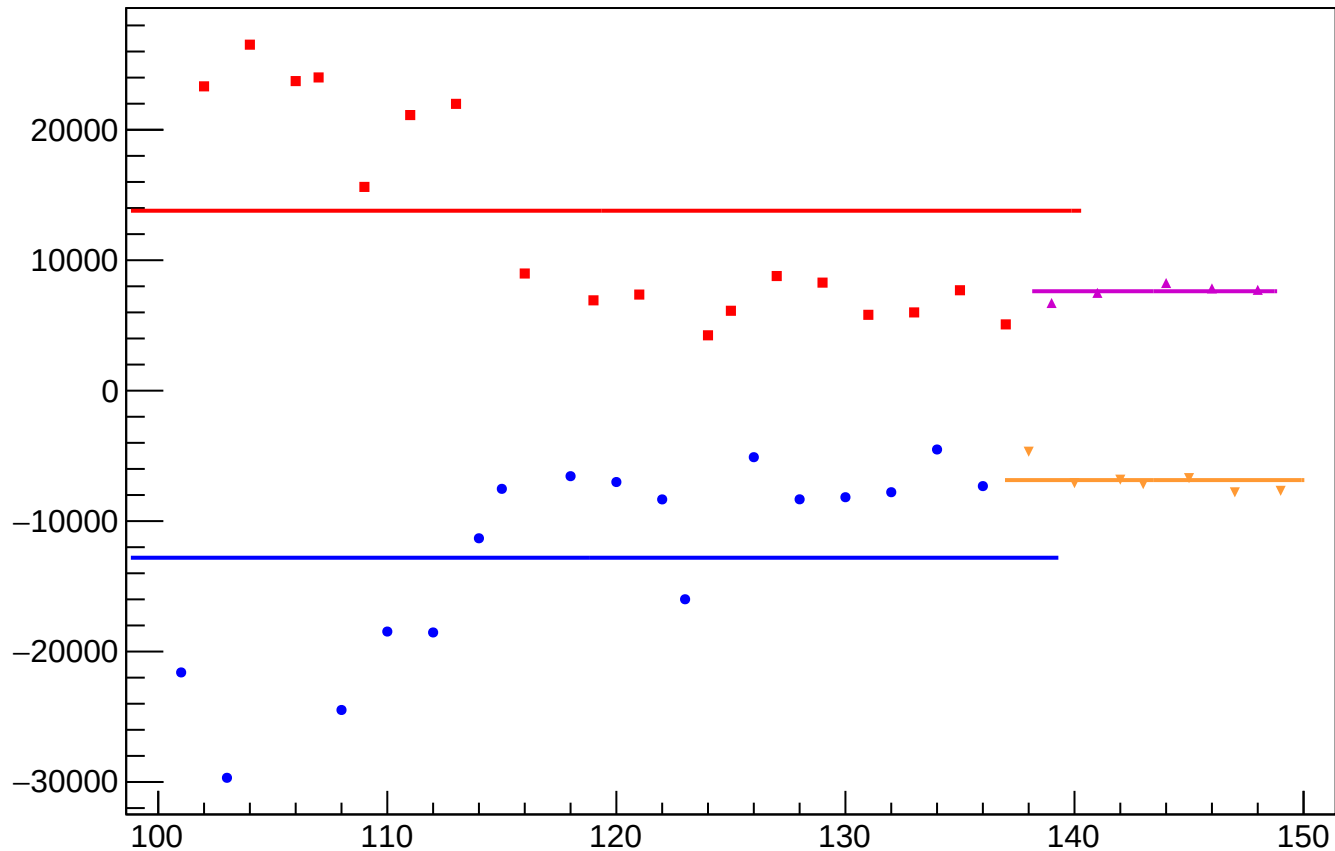
Right In: 1894.762 ± 0.000 $\chi^2/\text{NDF}: 112136505207273757562412234872415322112.0/16$
 Left Out: 1871.829 ± 0.000 $\chi^2/\text{NDF}: 118719555859274003766639749861317017600.0/6$
 Right Out: -2485.438 ± 0.000 $\chi^2/\text{NDF}: 3007798896738182941908815432963258843136.0/17$
 Left In: -2000.623 ± 0.000 $\chi^2/\text{NDF}: 36614584961992188751684394962672156672.0/4$
 All: -147.670 ± 0.000 $\chi^2/\text{NDF}: 13619014169$

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



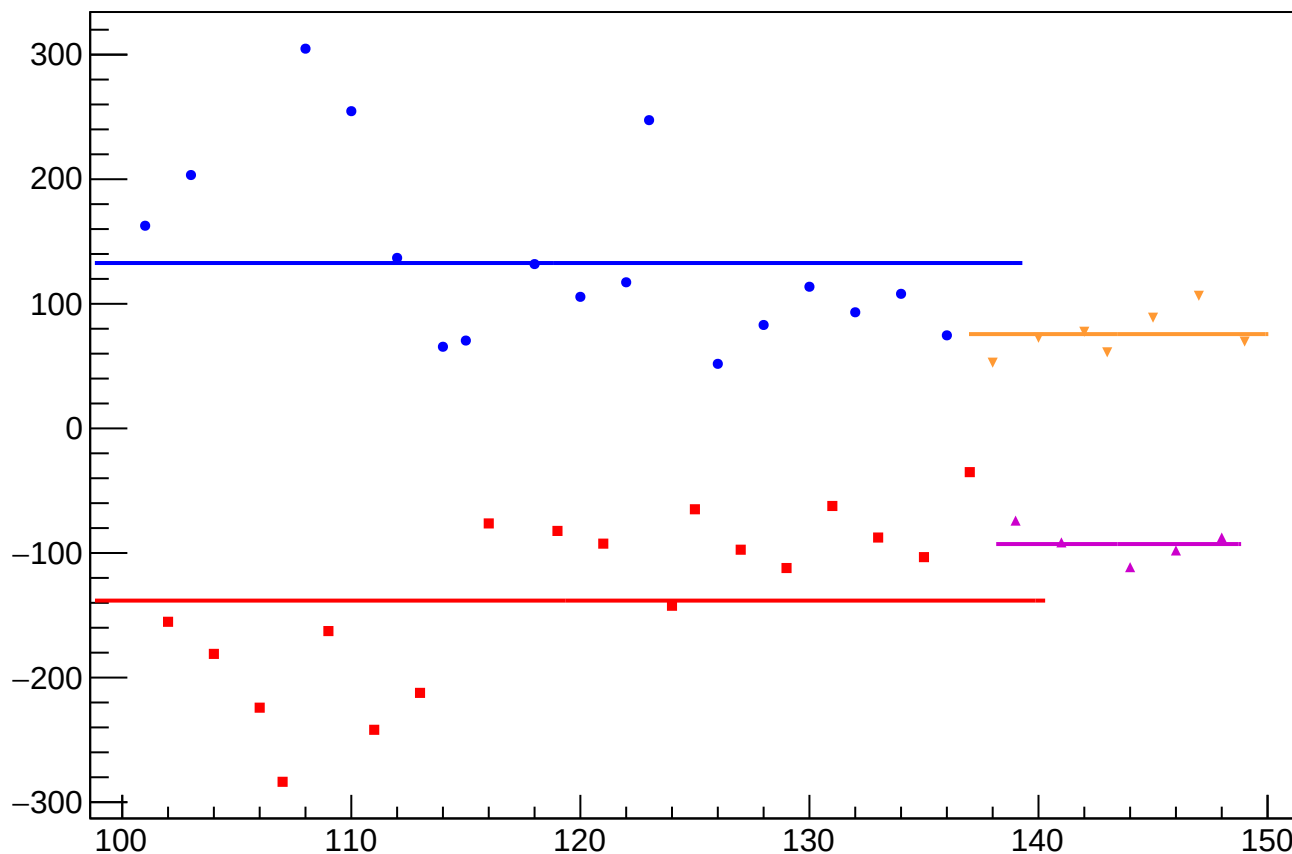
Right In: 1085.186+/-0.000 χ^2/NDF : 44603059371113642027482174752630505472.0/16
 Left Out: 1074.819+/-0.000 χ^2/NDF : 21876197943812090517611053304386682880.0/6
 Right Out: -1044.852+/-0.000 χ^2/NDF : 50845956393664427375382832394046275584.0/17
 Left In: -1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam1_coil4_mean vs Slug, Sign Corrected



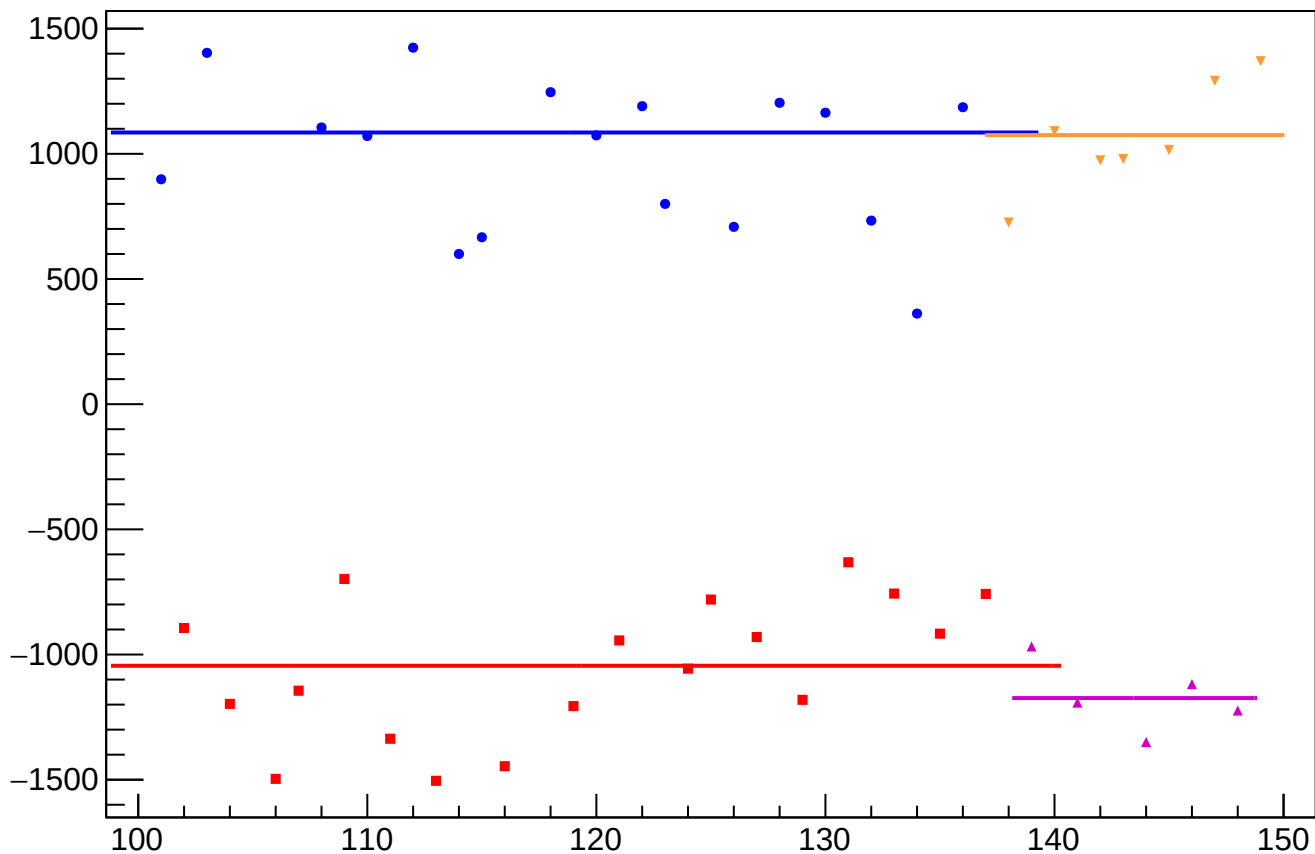
Right In: -12807.543+/-0.000 χ^2/NDF : 43495419642384540327712467114015835815936.0/16
 Left Out: -6856.124+/-0.000 χ^2/NDF : 508325974796979003759924206831853895680.0/6
 Right Out: 13794.471+/-0.000 χ^2/NDF : 44540762371856662603320518030739625738240.0/17
 Left In: 7622.107+/-0.000 χ^2/NDF : 107374020881398935811089660263658422272.0/4
 All: 287.521+/-0.000 χ^2/NDF : 386983660937

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Left: -0.364 ± 0.000 $\chi^2/\text{NDF}: 67850419017185213$
 Right In: 132.743 ± 0.000 $\chi^2/\text{NDF}: 2974792347641490027349453247875121152.0/16$
 Right: -4.751 ± 0.000 $\chi^2/\text{NDF}: 3190255786857063$
 Left Out: 75.690 ± 0.000 $\chi^2/\text{NDF}: 146618843433225571332026884329308160.0/6$
 In: 47.450 ± 0.000 $\chi^2/\text{NDF}: 163905077737748356$
 Right Out: -138.207 ± 0.000 $\chi^2/\text{NDF}: 3073549318432471040798146297277186048.0/17$
 Out: -48.851 ± 0.000 $\chi^2/\text{NDF}: 1688583248035320$
 Left In: -92.819 ± 0.000 $\chi^2/\text{NDF}: 63953884625789391466168529429987328.0/4$
 All: -3.001 ± 0.000 $\chi^2/\text{NDF}: 3869841393476$

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

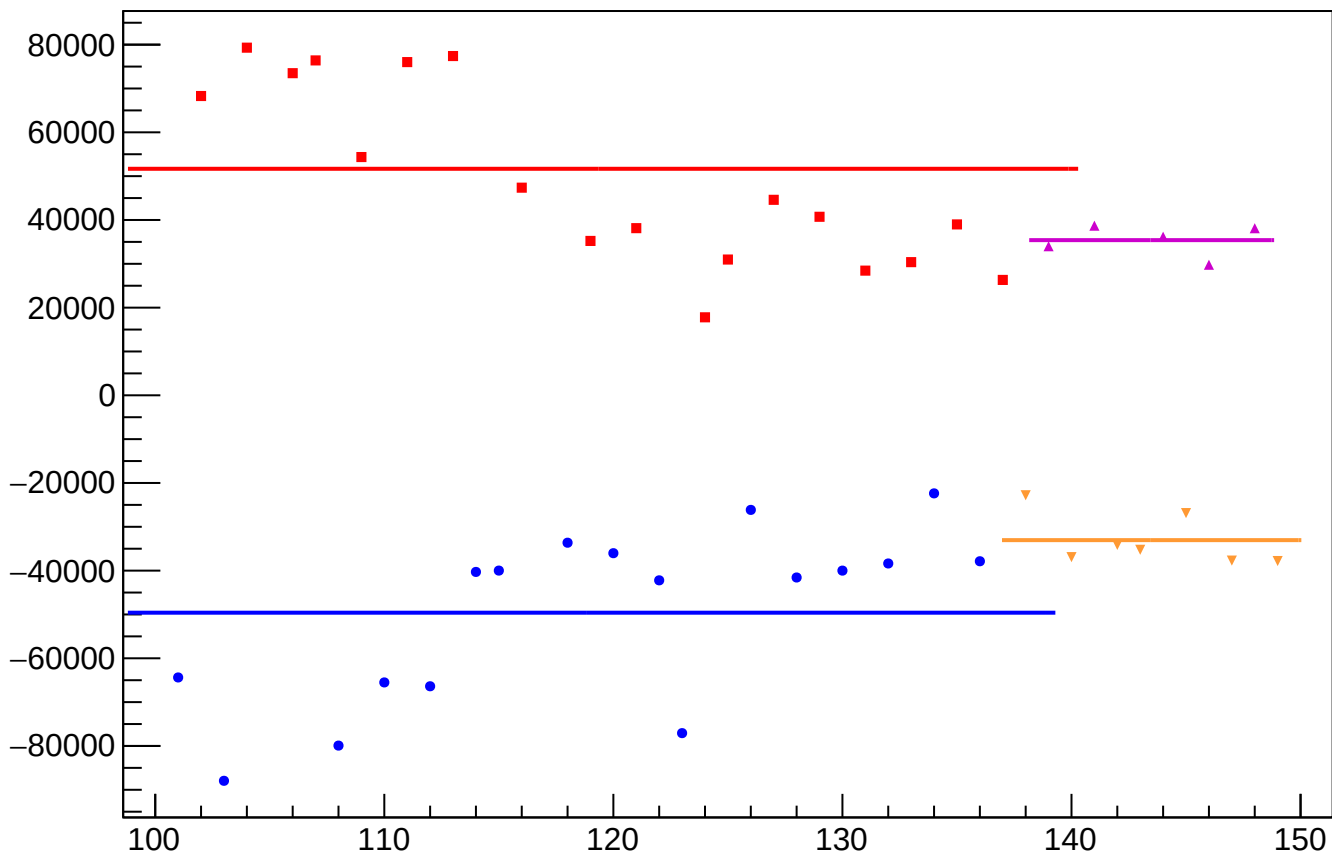
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -49596.405+/-0.000

Left Out: -33043.355+/-0.000

Right Out: 51680.980+/-0.000

Left In: 35401.967+/-0.000

χ^2/NDF : 248313182325102448289525934605791330828288.0/16

χ^2/NDF : 16366361277204155840106086768508126887936.0/6

χ^2/NDF : 268094403741805330481600683125097153691648.0/17

χ^2/NDF : 4370659159106063558927016255296626491392.0/4

Left: -2151.456+/-0.000 χ^2/NDF : 11054273008829

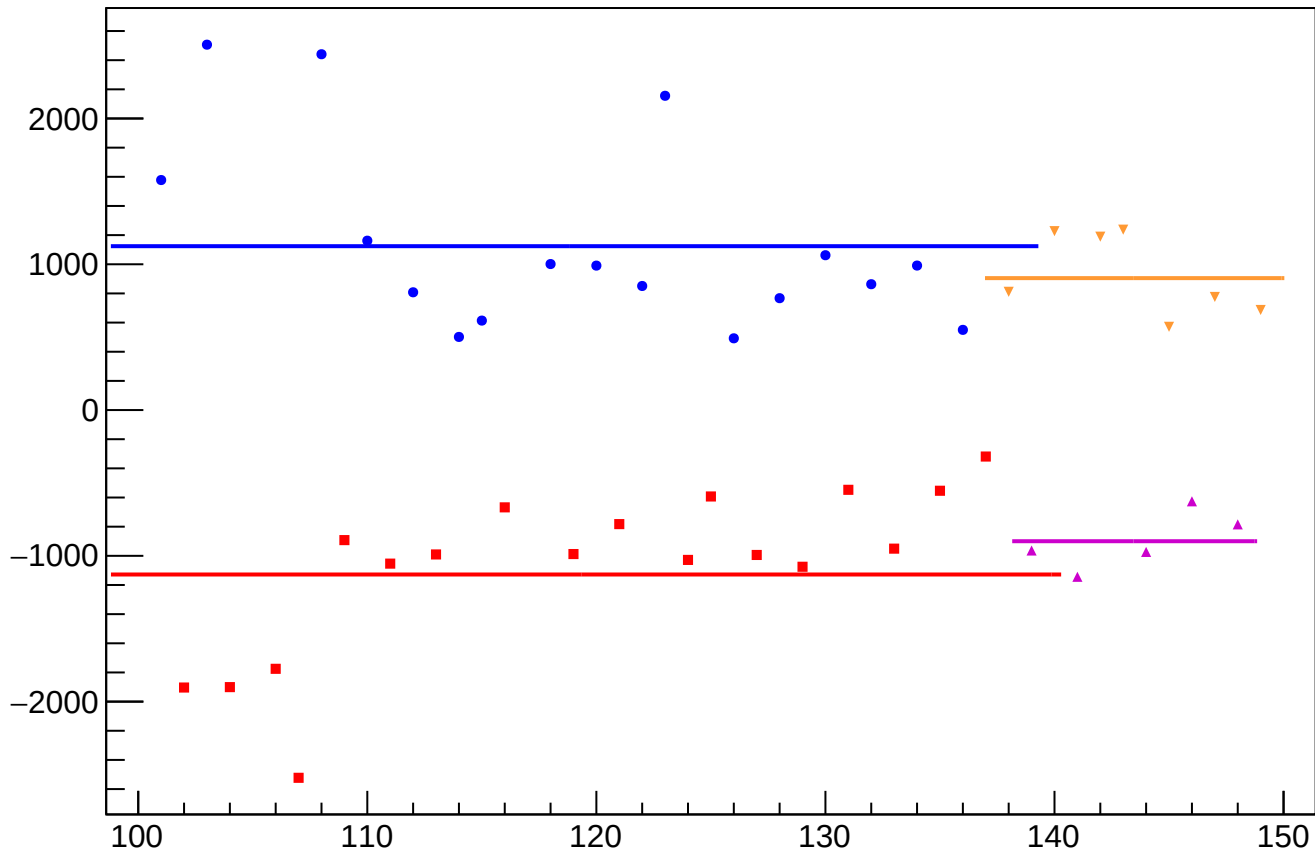
Right: 1797.016+/-0.000 χ^2/NDF : 41286715596392

In: -17455.444+/-0.000 χ^2/NDF : 21486428534623

Out: 16287.182+/-0.000 χ^2/NDF : 24285427070075

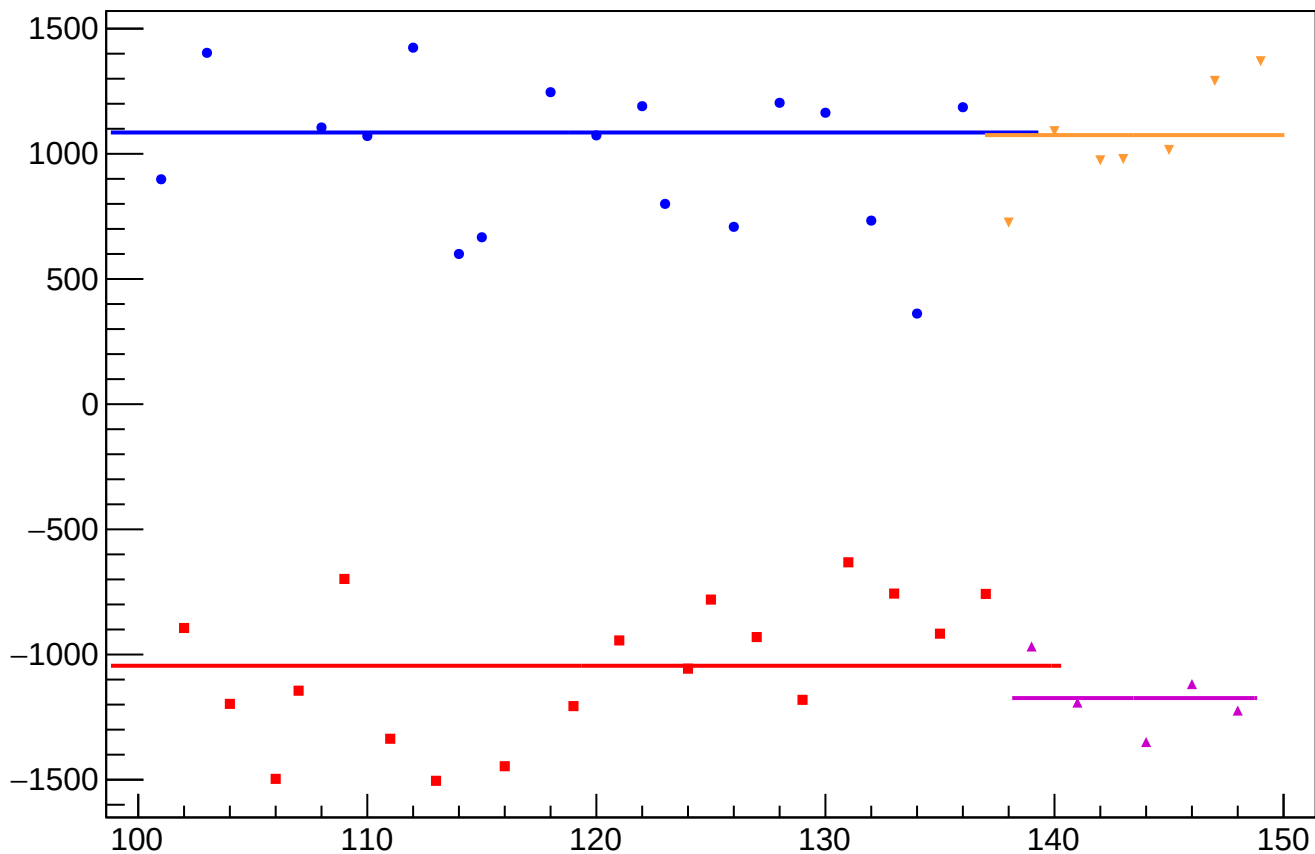
All: 222.007+/-0.000 χ^2/NDF : 524286126010

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Left: 90.426+/-0.000 χ^2/NDF : 80164019534096779
 Right In: 1124.063+/-0.000 χ^2/NDF : 267842110554403806997651522470490931200.0/16
 Right: -18.777+/-0.000 χ^2/NDF : 227074266812784
 Left Out: 904.956+/-0.000 χ^2/NDF : 34328655987776304458849681909588426752.0/6
 In: 358.786+/-0.000 χ^2/NDF : 13559009535996749
 Right Out: -1128.051+/-0.000 χ^2/NDF : 216680110329654752465971394746324615168.0/17
 Out: -278.757+/-0.000 χ^2/NDF : 148554159177733
 Left In: -899.749+/-0.000 χ^2/NDF : 13208677964944384524478671772423553024.0/4
 All: 24.783+/-0.000 χ^2/NDF : 3079085319664

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

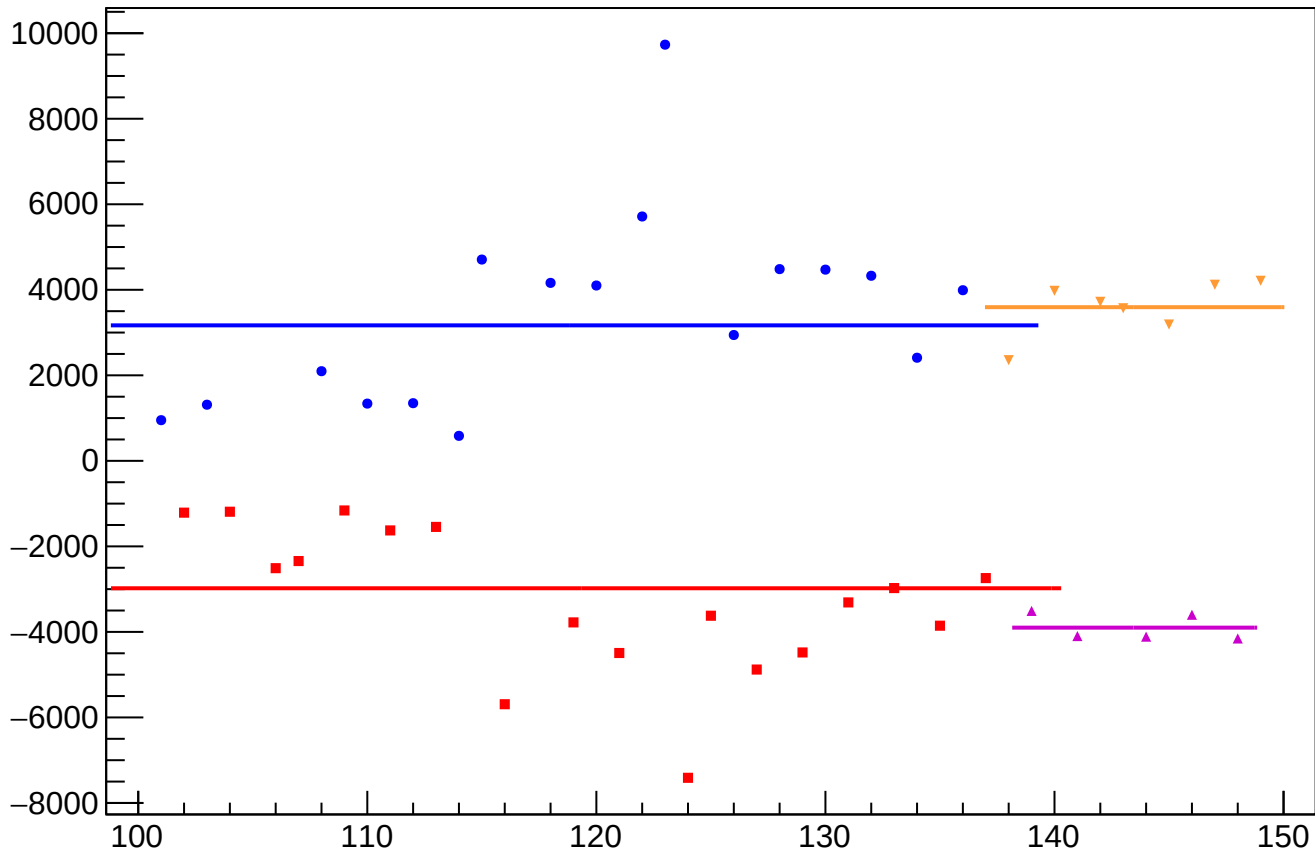
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3168.399+/-0.000

χ^2/NDF : 1758554525431486031573031760874625302528.0/16

Left Out: 3593.467+/-0.000

χ^2/NDF : 198897155147847293838710251537377001472.0/6

Right Out: -2979.505+/-0.000

χ^2/NDF : 1604891244832822830292138533265256480768.0/17

Left In: -3900.365+/-0.000

χ^2/NDF : 32598683609191456521940516096031326208.0/4

Left: 211.224+/-0.000 χ^2/NDF : 1323397303886754

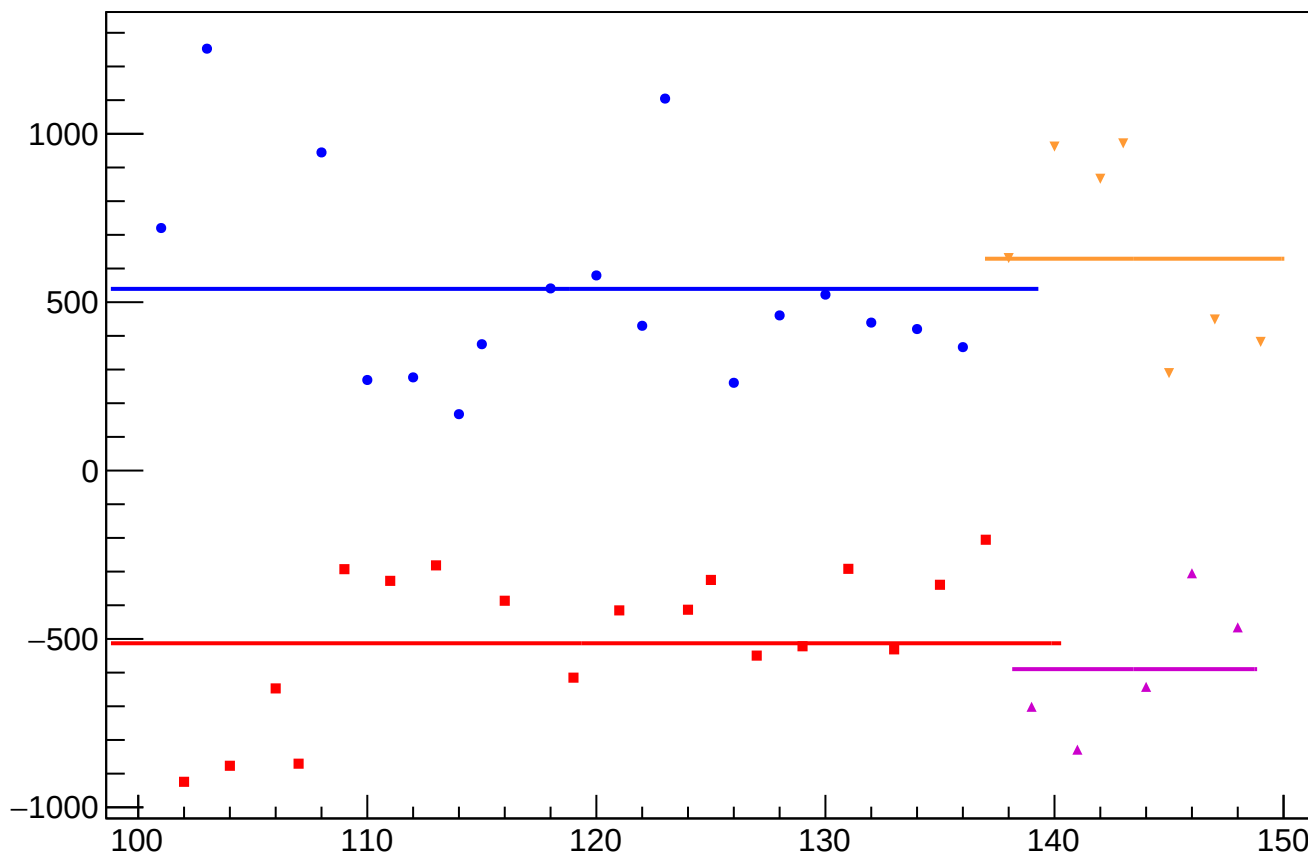
Right: 48.632+/-0.000 χ^2/NDF : 1667438135452025

In: 495.443+/-0.000 χ^2/NDF : 14903928931278445

Out: -233.630+/-0.000 χ^2/NDF : 147085079387265

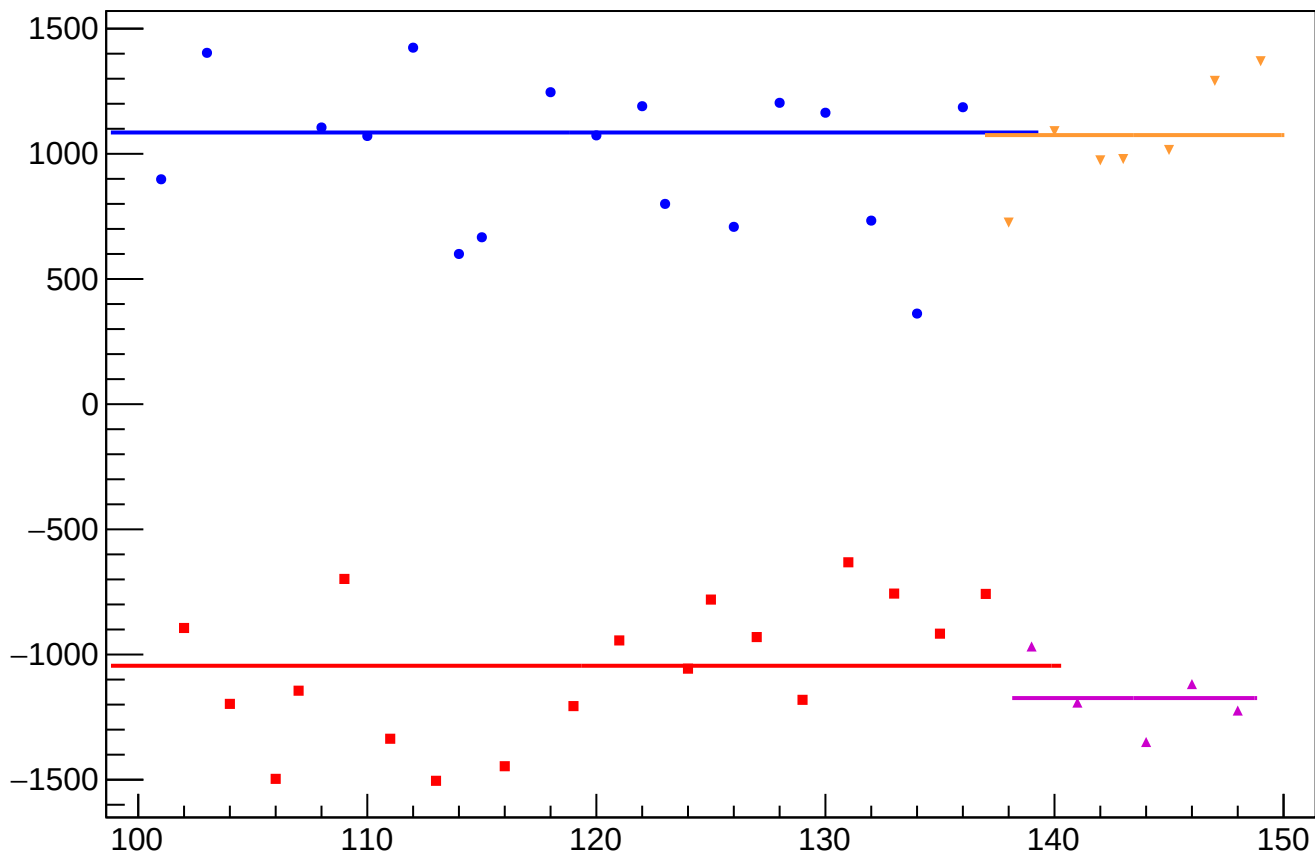
All: 113.489+/-0.000 χ^2/NDF : 299232124890

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 539.553 +/- 0.000 χ^2/NDF : 54885482787684067638945528690813960192.0/16
 Left Out: 629.115 +/- 0.000 χ^2/NDF : 36214561839775439862476060843460001792.0/6
 Right Out: -512.868 +/- 0.000 χ^2/NDF : 36013592539821220444279901122721742848.0/17
 Left In: -589.679 +/- 0.000 χ^2/NDF : 14135565664699527748764621036182306816.0/4
 All: 34.830 +/- 0.000 χ^2/NDF : 8782871244600

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

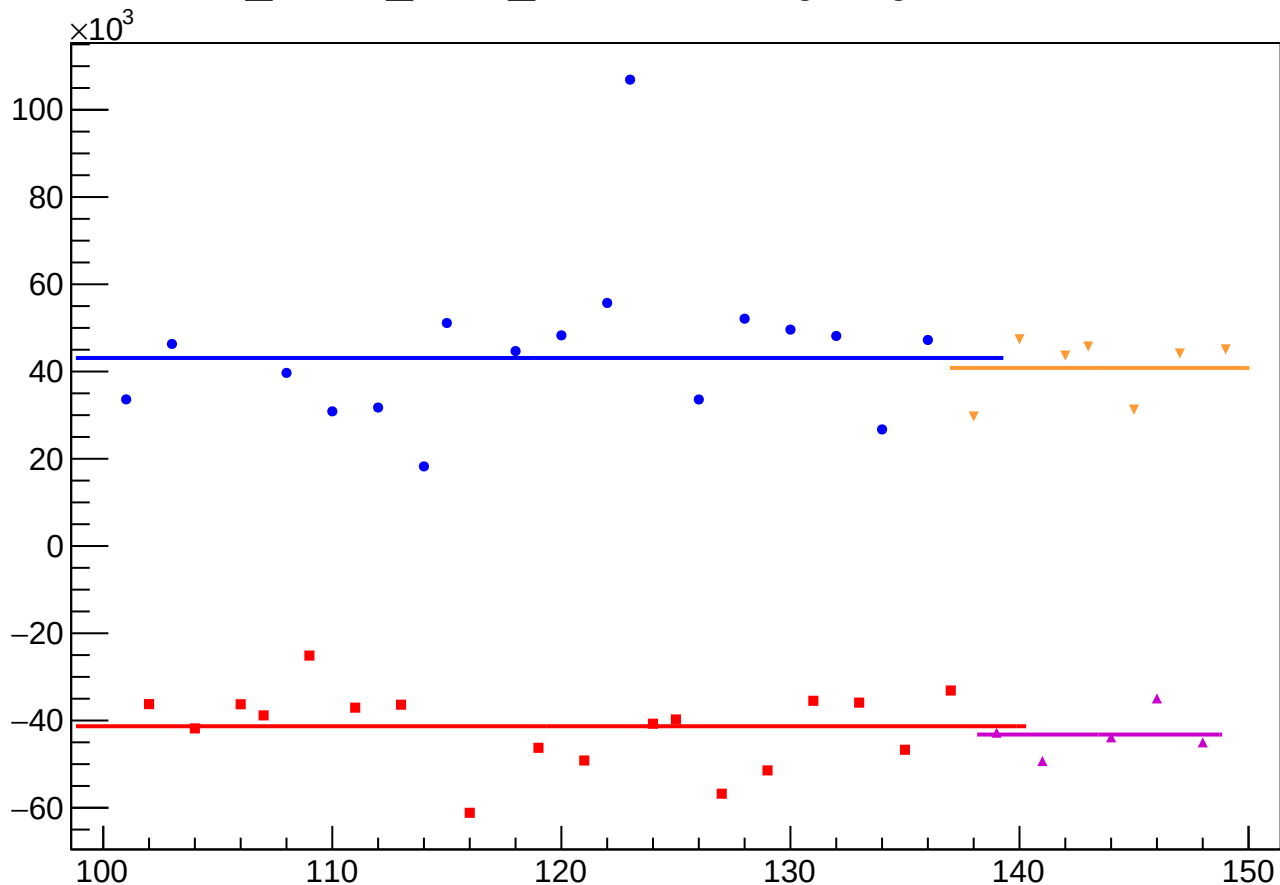
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

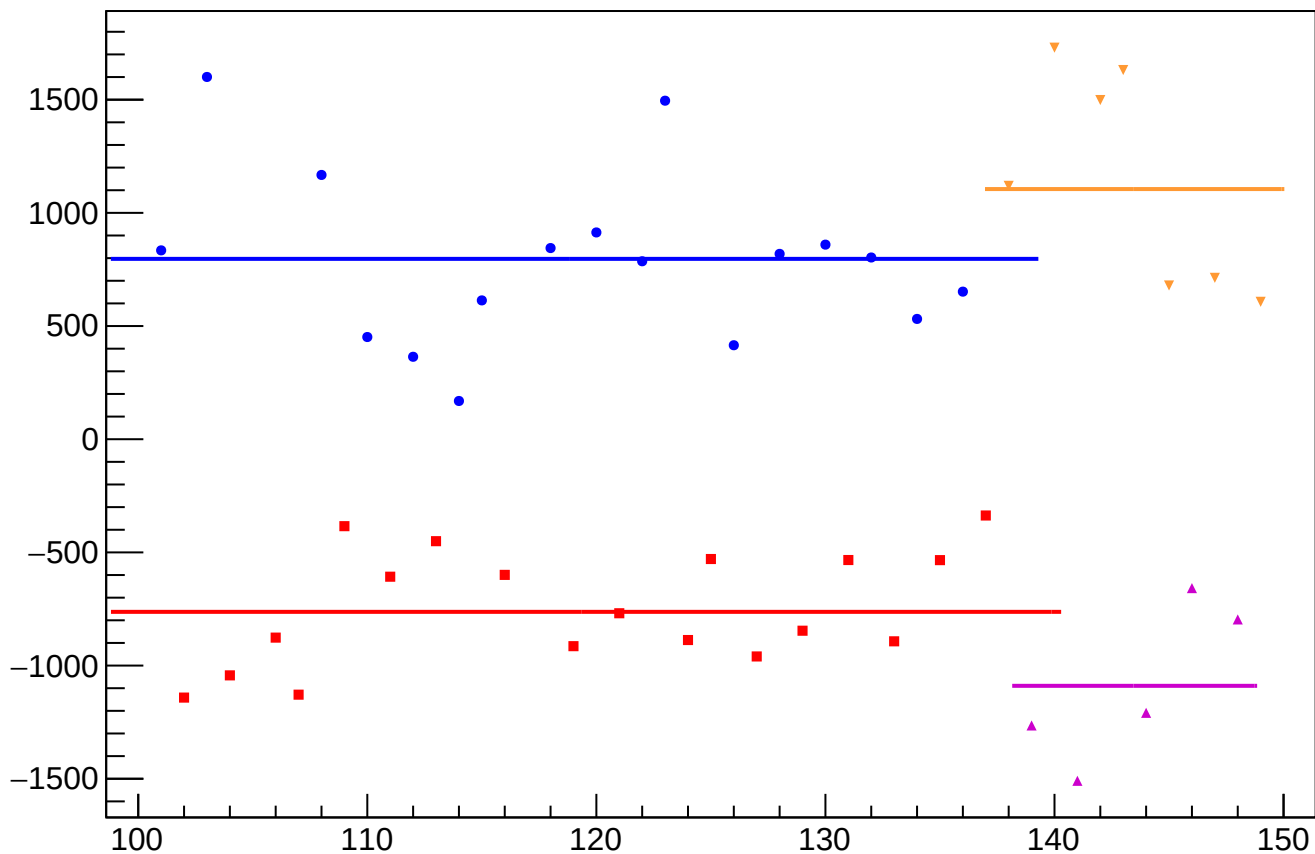
All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43108.031 $\pm$ 0.000 χ^2 /NDF: 68611682581967867390827070514847106990080.0/16
 Left Out: 40823.141 $\pm$ 0.000 χ^2 /NDF: 24689060852166682652092357559989475213312.0/6
 Right Out: -41313.091 $\pm$ 0.000 χ^2 /NDF: 51625009130500845485657820618169448923136.0/17
 Left In: -43215.249 $\pm$ 0.000 χ^2 /NDF: 9147755625077368201627546401907253706752.0/4
 All: 1315.507 $\pm$ 0.000 χ^2 /NDF: 43030591826

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 796.788 $\pm$ 0.000 χ^2 /NDF: 74155375401966789010322999397605965824.0/16

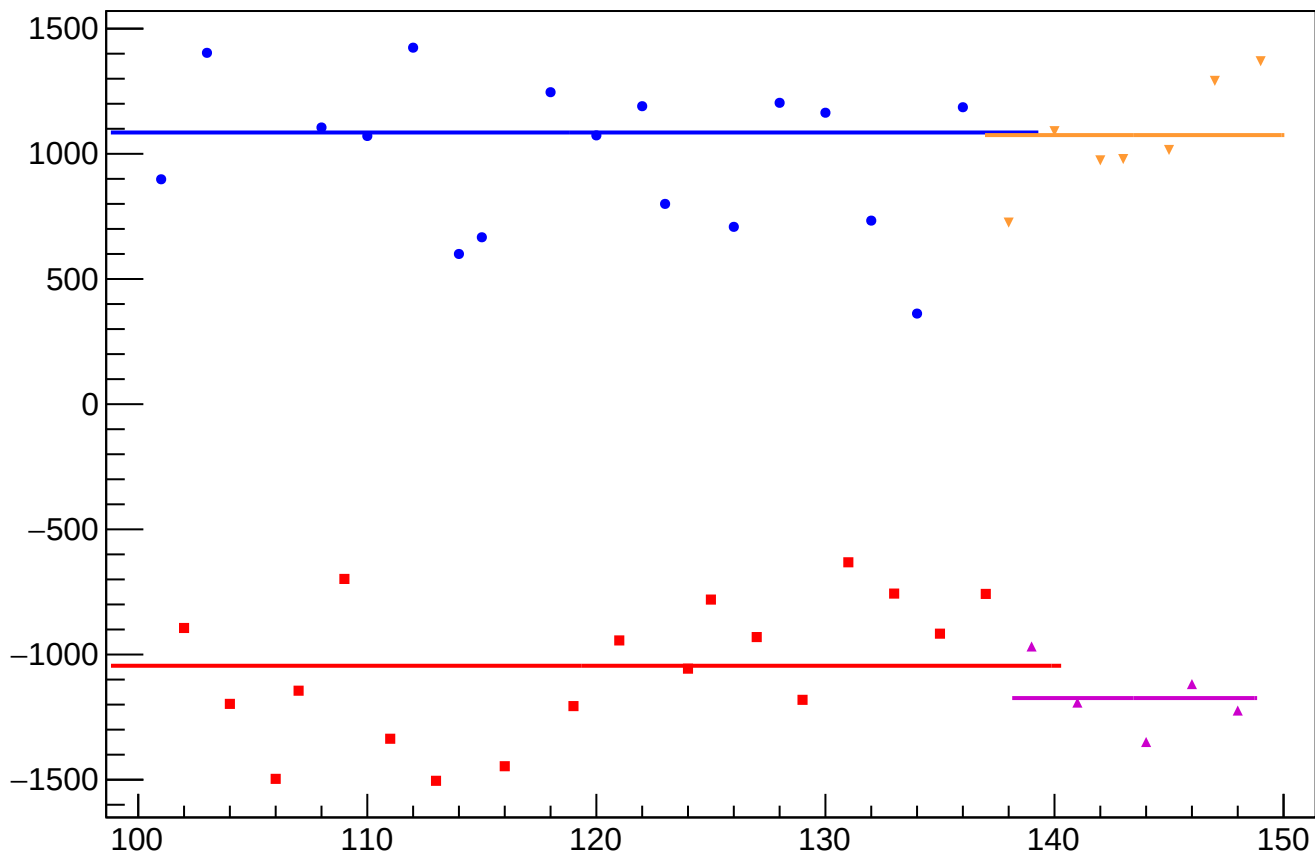
Left Out: 1105.163 $\pm$ 0.000 χ^2 /NDF: 104638168346490878955147843491533422592.0/6

Right Out: -762.642 $\pm$ 0.000 χ^2 /NDF: 44999366783777016136570300173215858688.0/17

Left In: -1089.455 $\pm$ 0.000 χ^2 /NDF: 41407668893048043101054311657168175104.0/4

All: 49.010 $\pm$ 0.000 χ^2 /NDF: 2243477573932

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

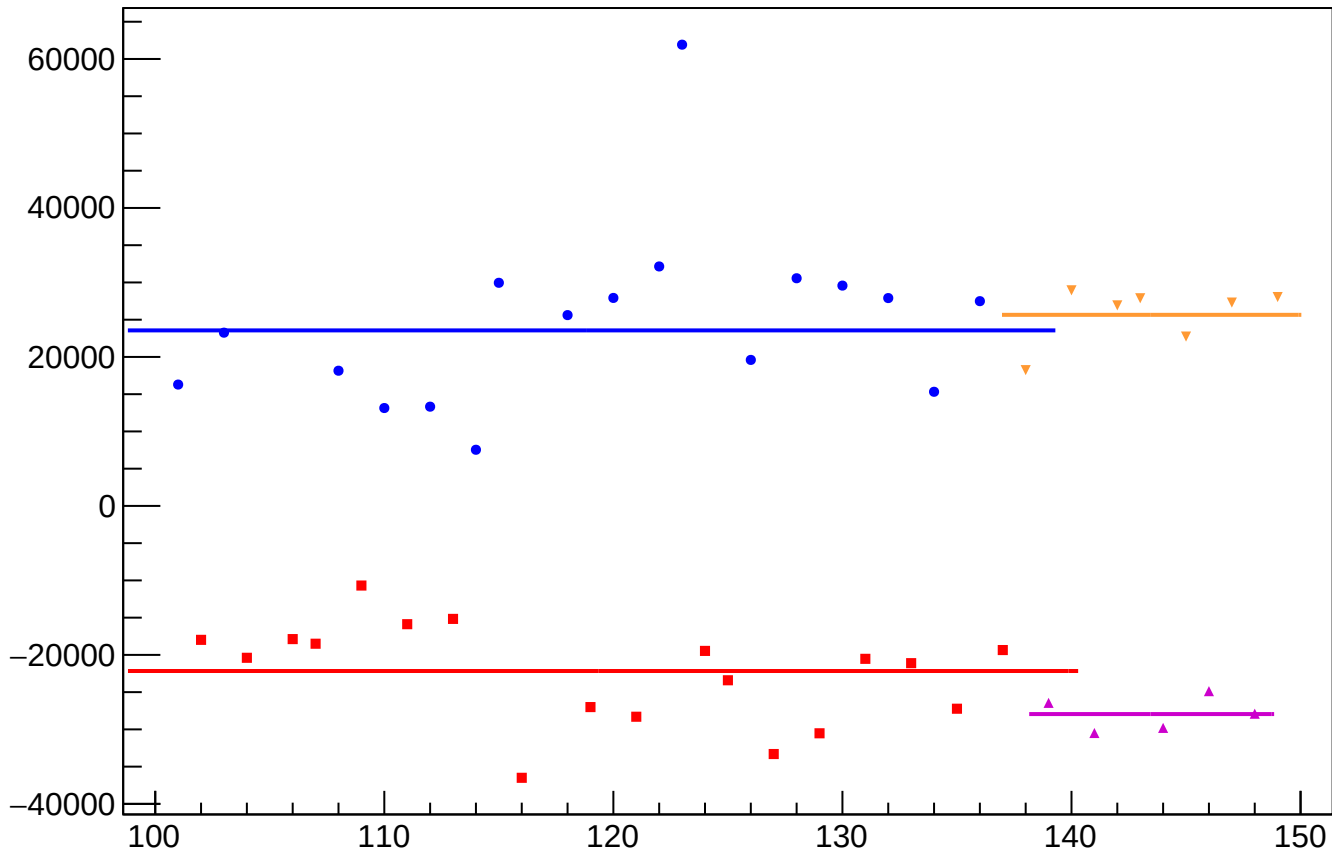
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

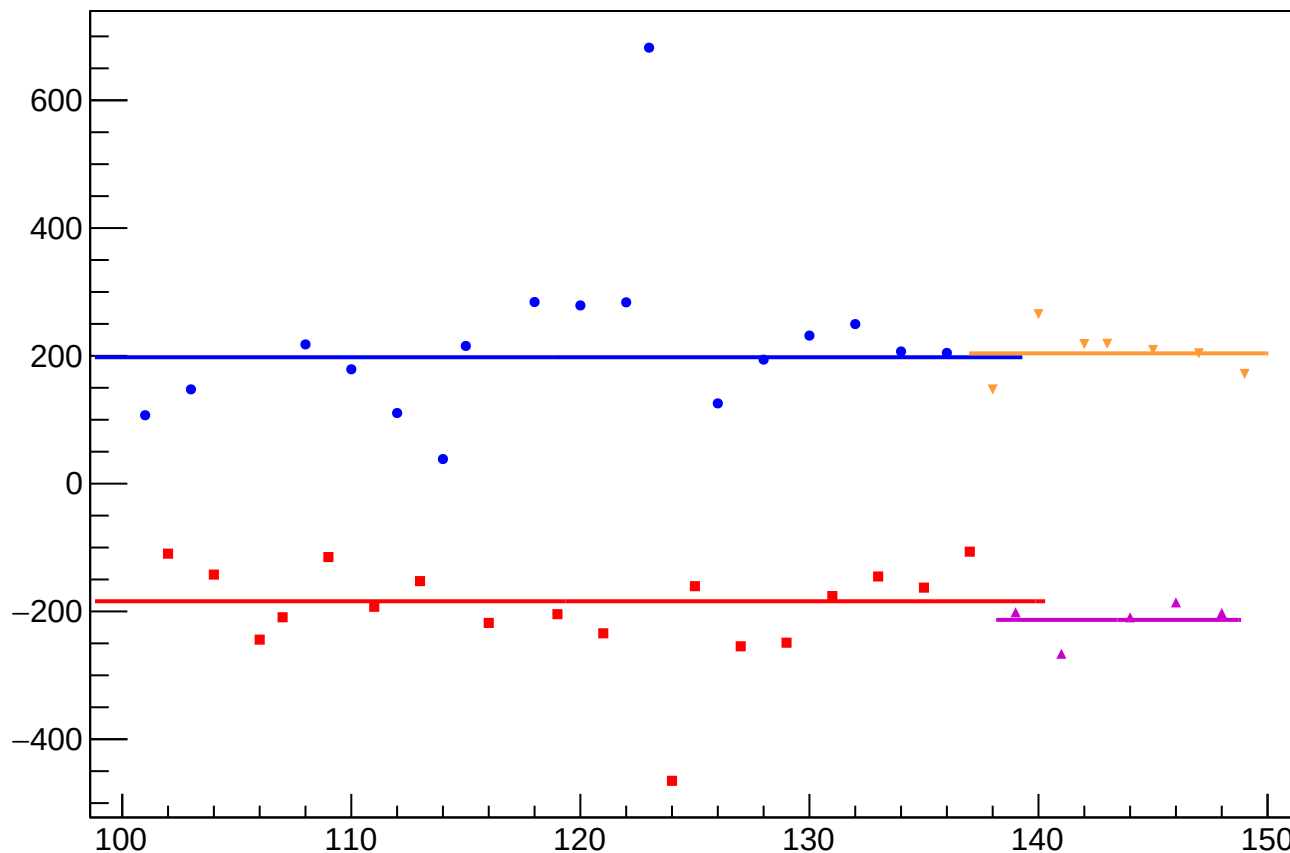
Left: 59.889+/-0.000 χ^2/NDF : 11993676654148610
 Right: 4.294+/-0.000 χ^2/NDF : 16932734928141311
 In: 230.944+/-0.000 χ^2/NDF : 13905646969723632
 Out: -159.354+/-0.000 χ^2/NDF : 141475064481979
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam5_coil4_mean vs Slug, Sign Corrected



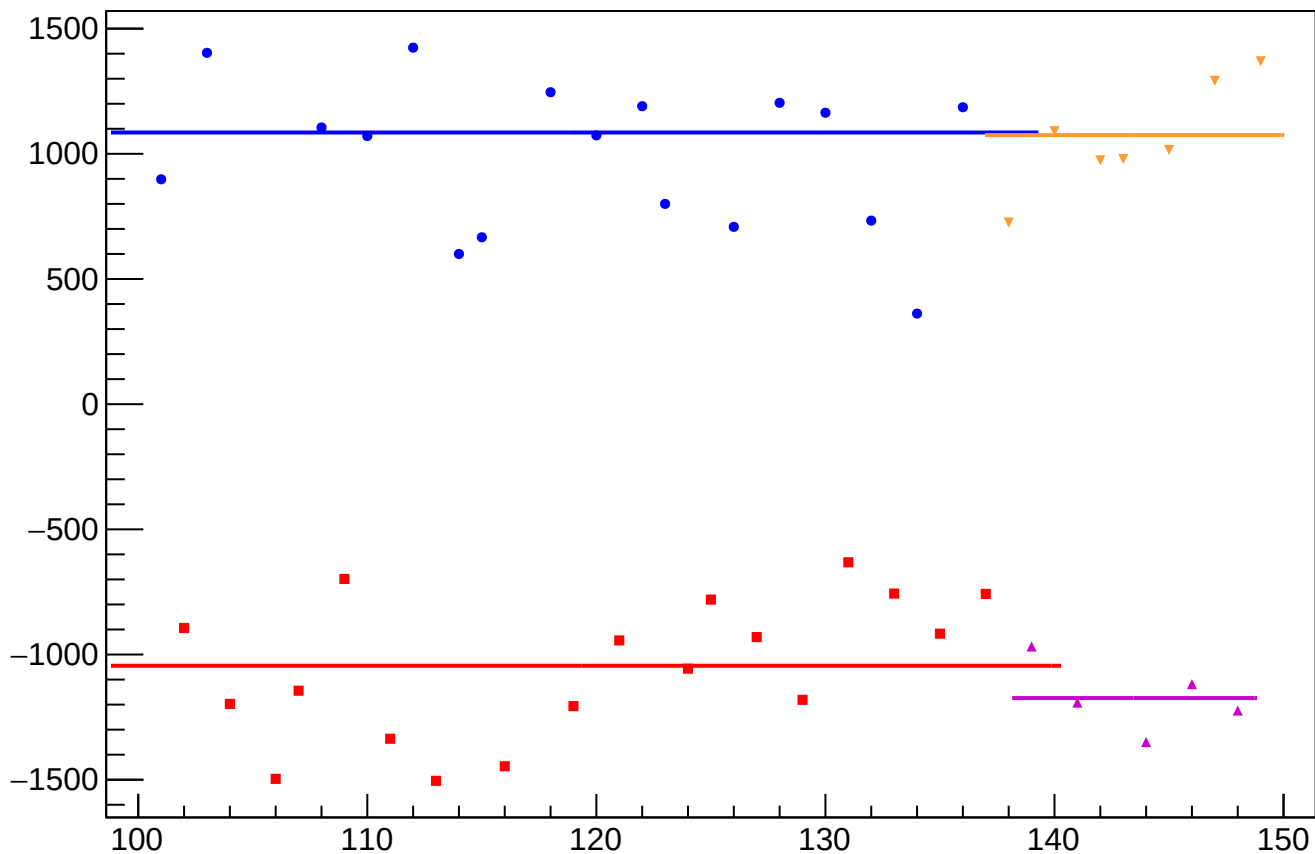
Right In: 23563.217+/-0.000 χ^2/NDF : 35385807137271018817625418232540839280640.0/16
 Left Out: 25652.149+/-0.000 χ^2/NDF : 6949877875674533094321930011729534648320.0/6
 Right Out: -22162.506+/-0.000 χ^2/NDF : 30926817479017578857864317291139006726144.0/17
 Left In: -27943.112+/-0.000 χ^2/NDF : 1824400728892032356855017892489528868864.0/4
 All: 799.590+/-0.000 χ^2/NDF : 147718164705

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Left: 15.659+/-0.000 χ^2/NDF : 41281207405633753
 Right: 4.020+/-0.000 χ^2/NDF : 57684682342329380
 Left Out: 203.922+/-0.000 χ^2/NDF : 672006471860485258491097956583735296.0/6
 Right Out: -184.108+/-0.000 χ^2/NDF : 2706165724913072523706132651898306560.0/17
 Left In: -213.202+/-0.000 χ^2/NDF : 323860083973996367563630704599236608.0/4
 All: 8.663+/-0.000 χ^2/NDF : 99042019530418

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

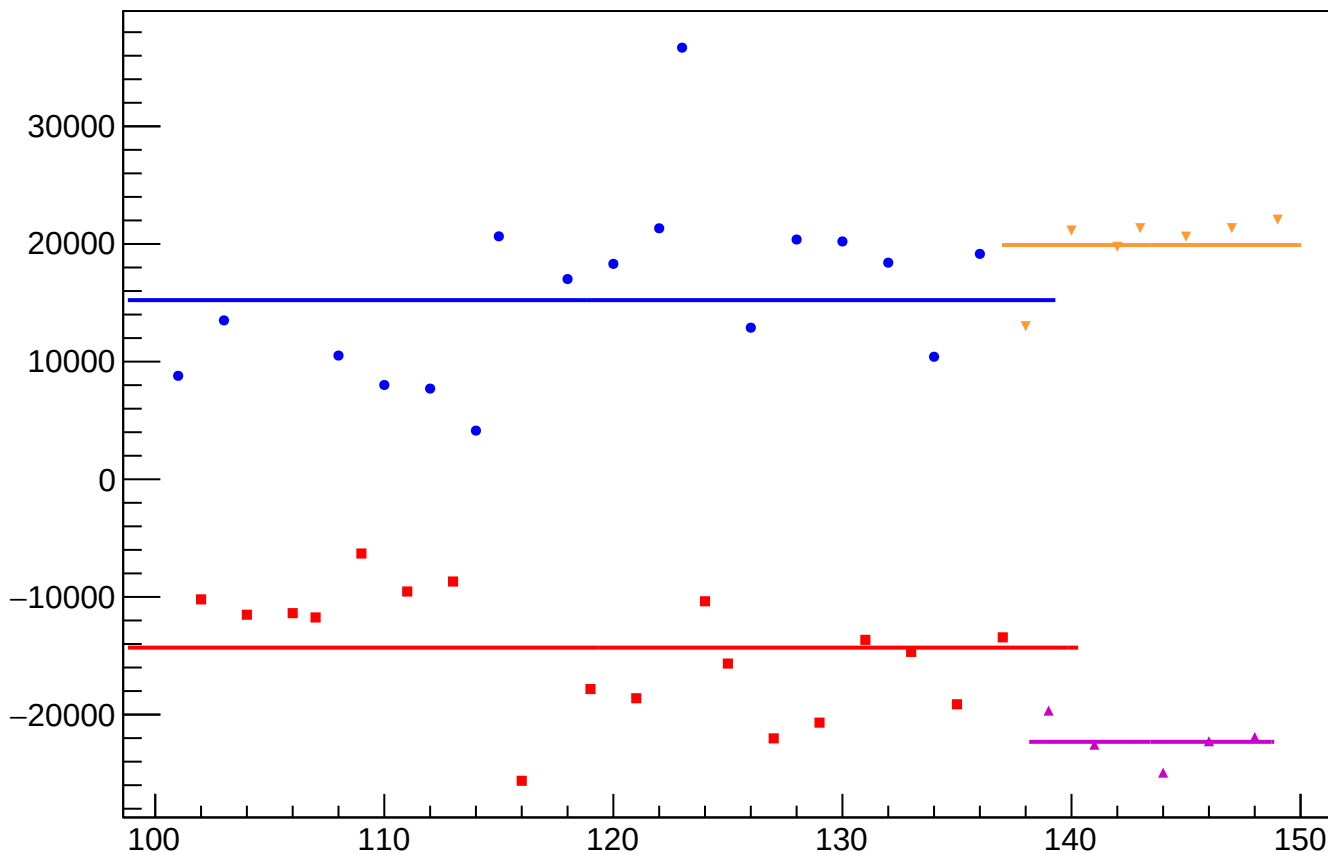
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

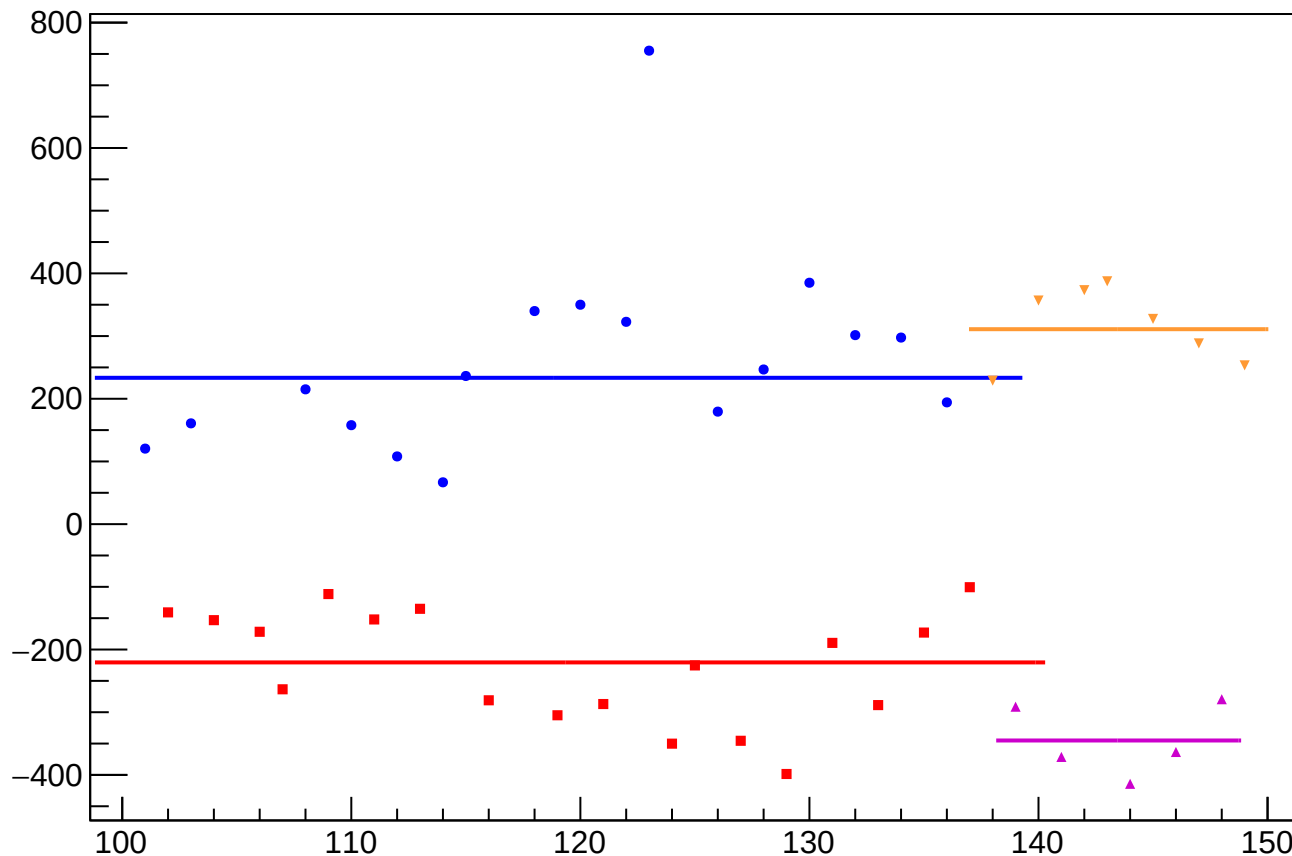
Left: 59.889+/-0.000 χ^2/NDF : 11993676654148610
 Right: 4.294+/-0.000 χ^2/NDF : 16932734928141311
 In: 230.944+/-0.000 χ^2/NDF : 13905646969723632
 Out: -159.354+/-0.000 χ^2/NDF : 141475064481979
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam6_coil4_mean vs Slug, Sign Corrected



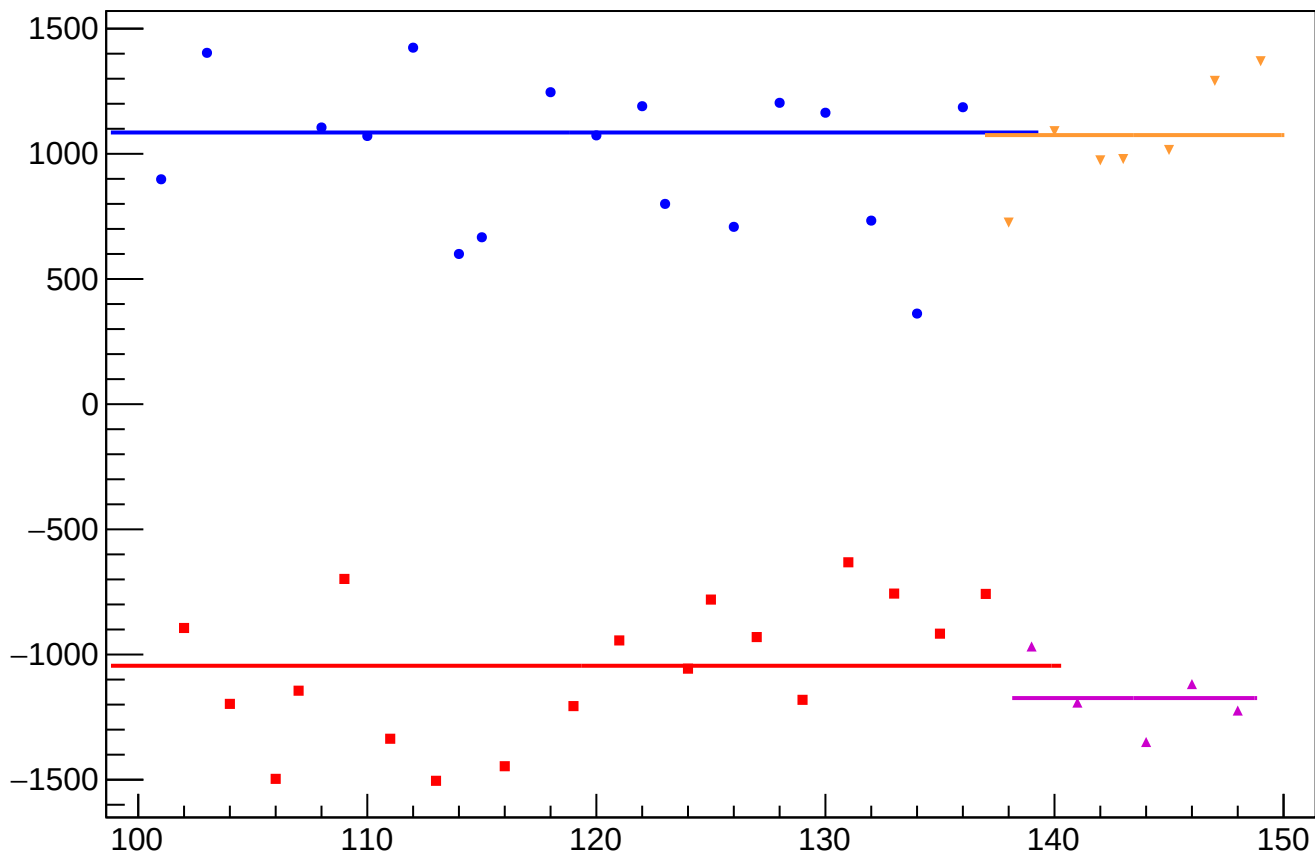
Right In: 15226.152+/-0.000 χ^2/NDF : 19033981883616318675707973818231845552128.0/16
 Left Out: 19909.439+/-0.000 χ^2/NDF : 4569307249997303655082429082576365813760.0/6
 Right Out: -14308.618+/-0.000 χ^2/NDF : 17986620092143727991108175714996656799744.0/17
 Left In: -22314.711+/-0.000 χ^2/NDF : 1199402624526761793013712103969635958784.0/4
 All: 483.371+/-0.000 χ^2/NDF : 763001491573

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Left: 14.861+/-0.000 χ^2/NDF : 10237047154144438
 Right In: 233.427+/-0.000 χ^2/NDF : 6632421375389201944932770217893822464.0/16
 Left Out: 310.961+/-0.000 χ^2/NDF : 1605977737401530872024761163239653376.0/6
 Right Out: -220.559+/-0.000 χ^2/NDF : 5383695019108554854360648047063465984.0/17
 Left In: -345.091+/-0.000 χ^2/NDF : 1110366847562427916011926059822874624.0/4
 All: 7.762+/-0.000 χ^2/NDF : 18704864348392

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

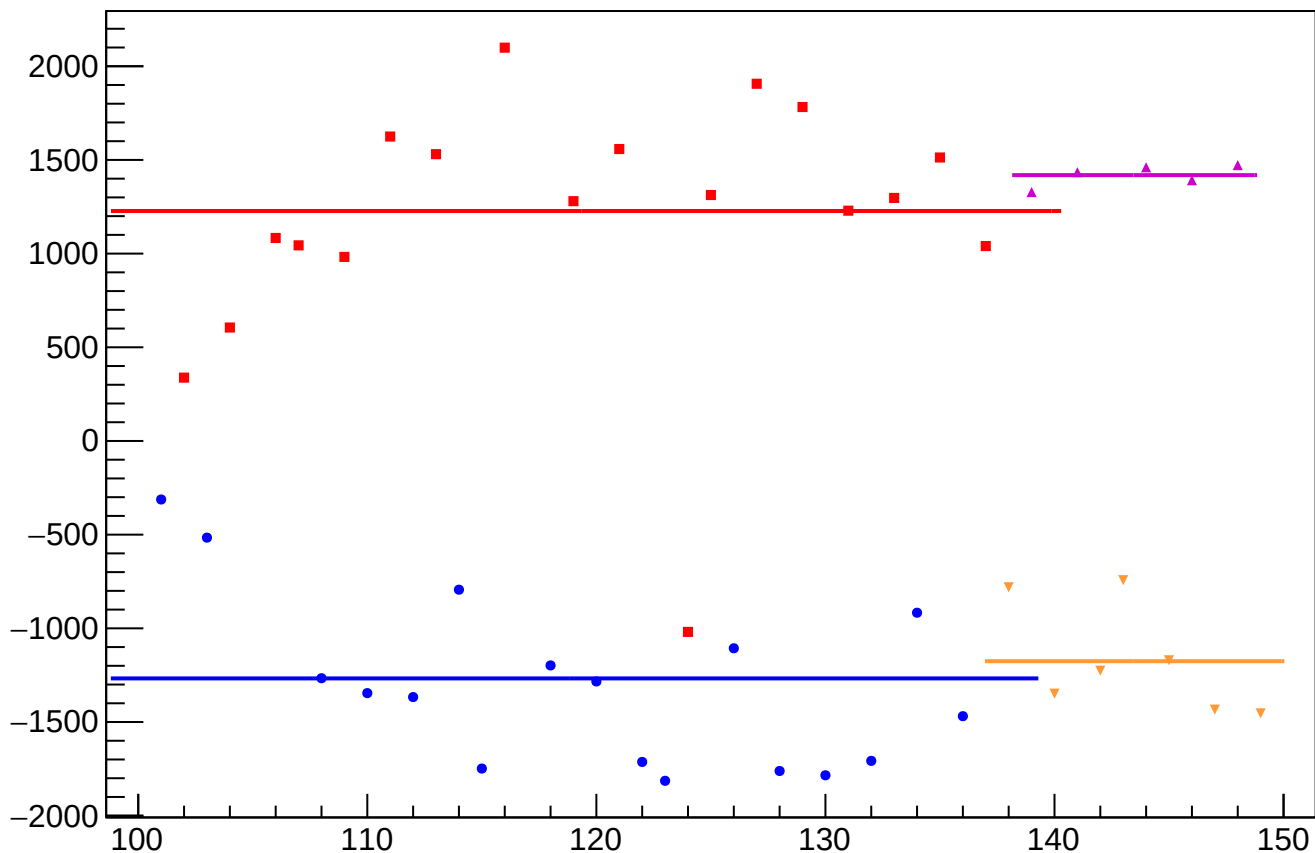
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1267.268+/-0.000

Left Out: -1175.355+/-0.000

Right Out: 1227.490+/-0.000

Left In: 1418.864+/-0.000

χ^2/NDF : 145198686124385842675248081831068696576.0/16

χ^2/NDF : 38968448467336232603228294229648211968.0/6

χ^2/NDF : 214319050187910672698323609340044378112.0/17

χ^2/NDF : 1137099786281078850164496137594077184.0/4

Left: -4.488+/-0.000 χ^2/NDF : 15983356407218390

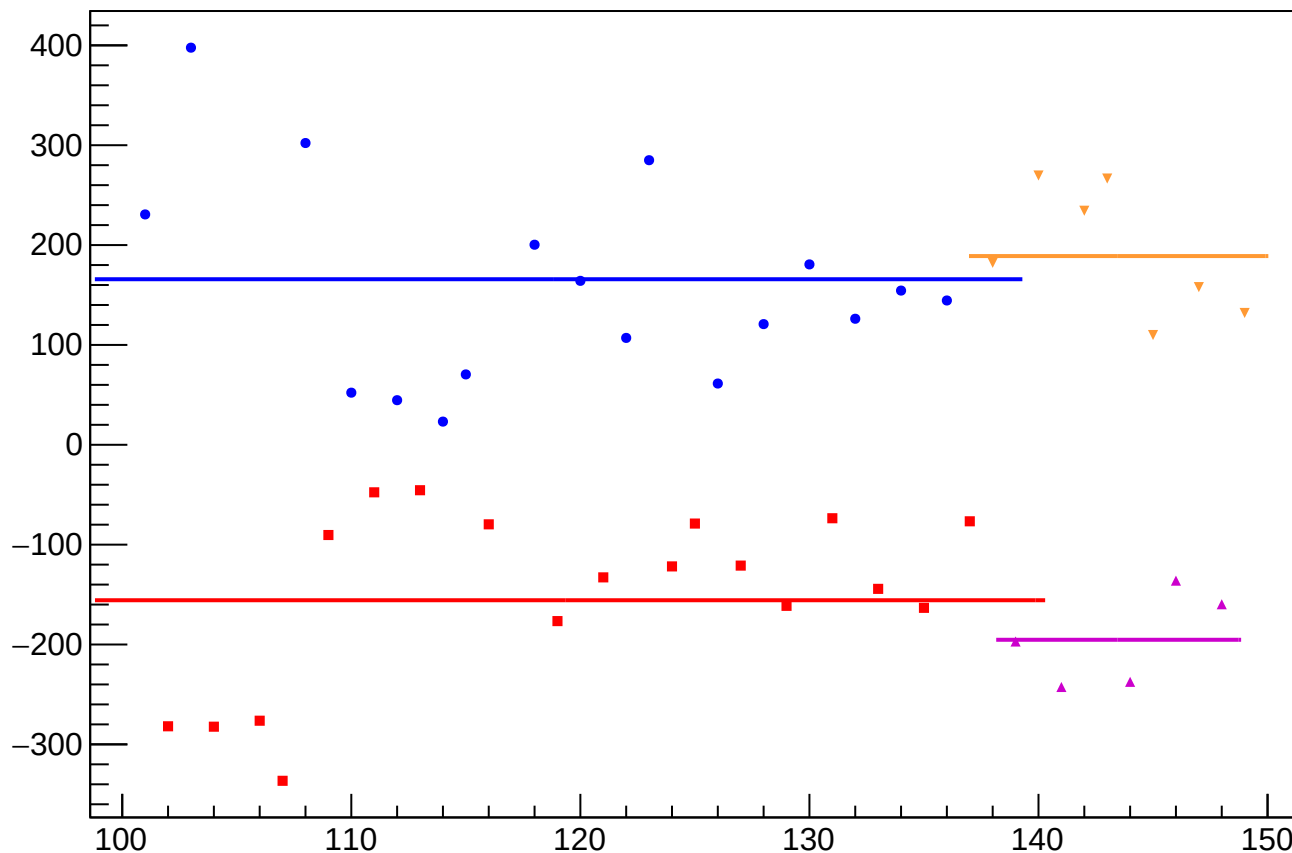
Right: -1.298+/-0.000 χ^2/NDF : 2551370593421750

In: -251.544+/-0.000 χ^2/NDF : 2039824147308698

Out: 223.695+/-0.000 χ^2/NDF : 1977840180508317

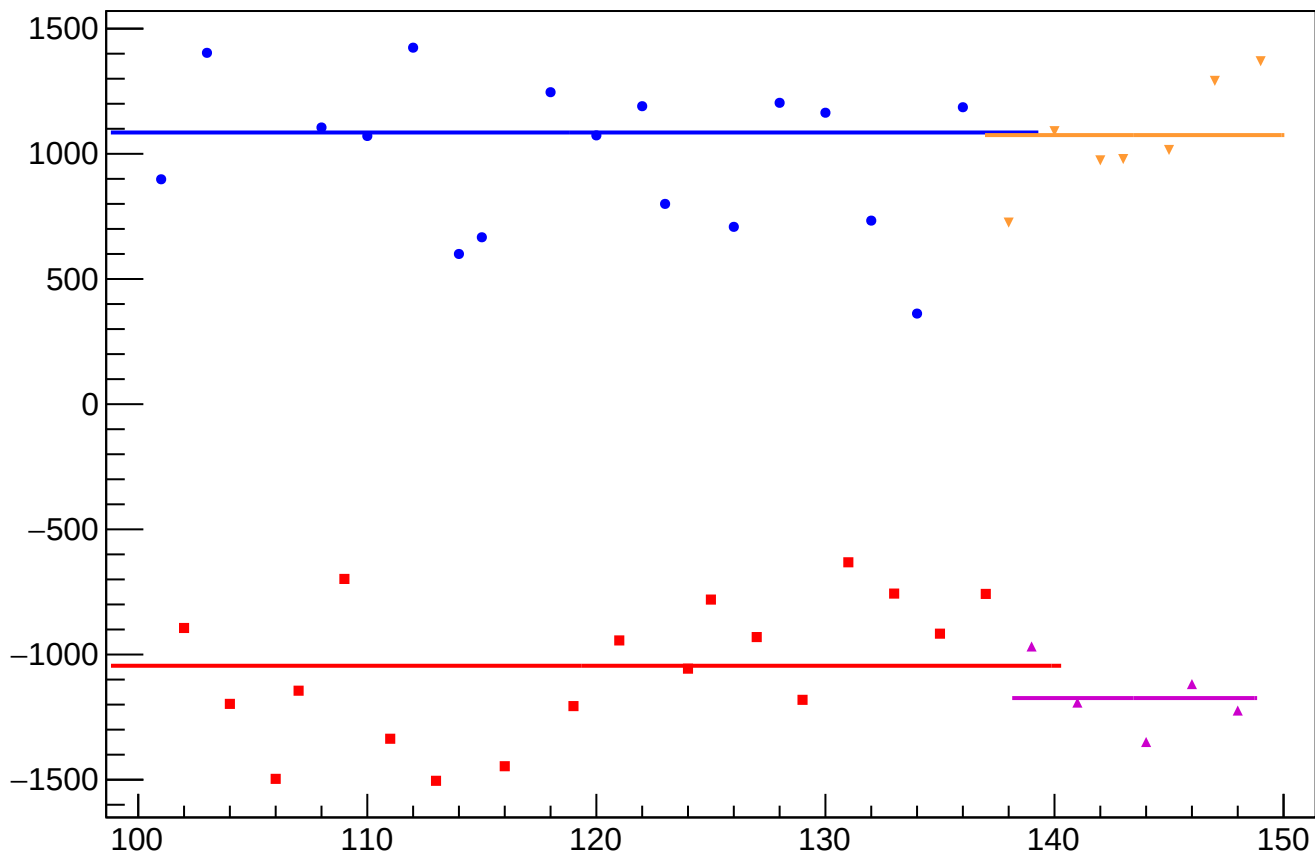
All: -2.571+/-0.000 χ^2/NDF : 4149711953420

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 165.791 $\pm$ 0.000 χ^2 /NDF: 6599926309722586861325010177468923904.0/16
 Left Out: 188.987 $\pm$ 0.000 χ^2 /NDF: 1871759024549165553772673520669556736.0/6
 Right Out: -155.674 $\pm$ 0.000 χ^2 /NDF: 5506170000172026486696305926028132352.0/17
 Left In: -195.267 $\pm$ 0.000 χ^2 /NDF: 745338175065556658164164925490987008.0/4
 All: 7.807 $\pm$ 0.000 χ^2 /NDF: 85396578265693

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

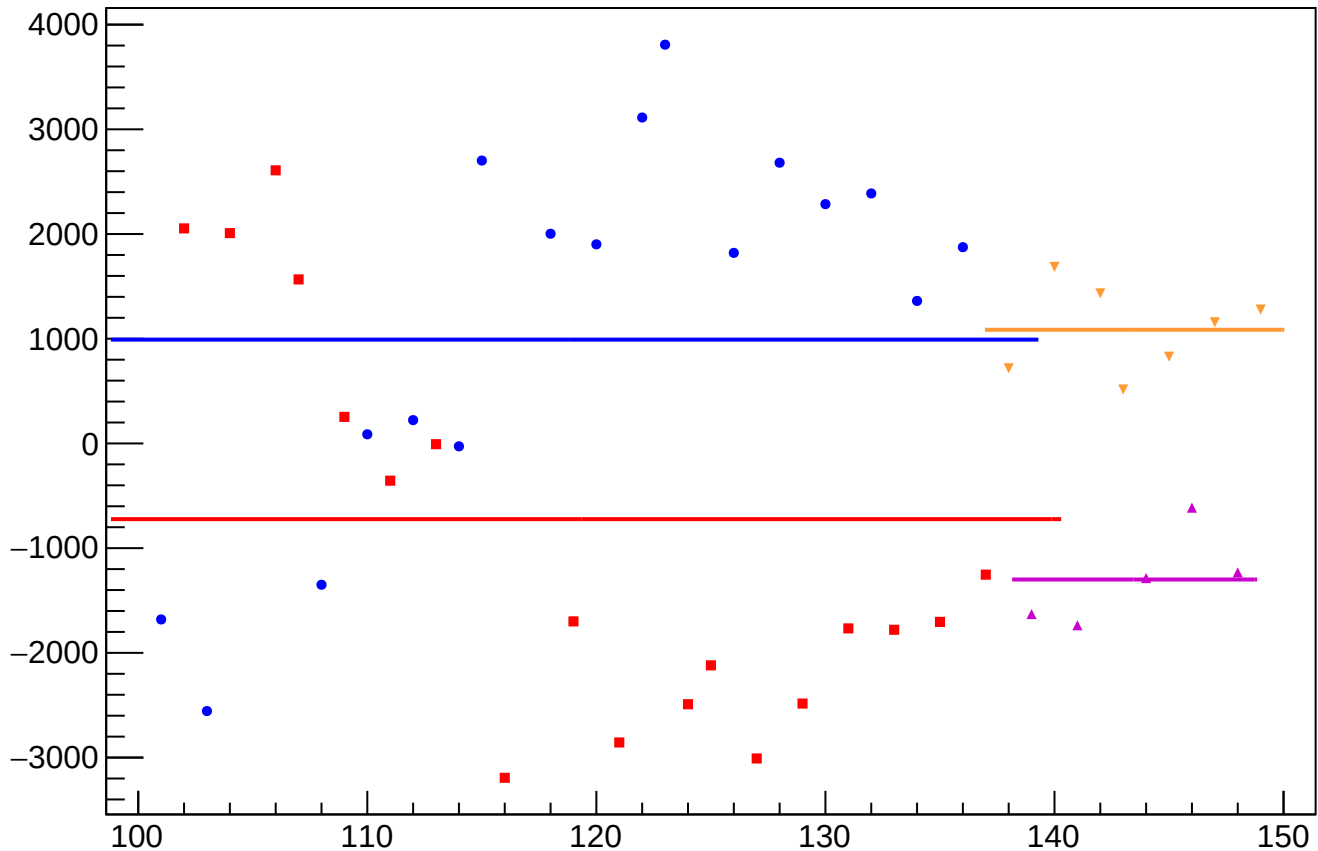
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 991.656+/-0.000

χ^2/NDF : 2196543485135713219136059560633443549184.0/16

Left Out: 1085.629+/-0.000

χ^2/NDF : 76202682410766994669247804577782169600.0/6

Right Out: -722.834+/-0.000

χ^2/NDF : 2430230107927732709008698791969328988160.0/17

Left In: -1299.372+/-0.000

χ^2/NDF : 64515144980509931399887258476810862592.0/4

Left: 9.190+/-0.000 χ^2/NDF : 14577462770018293

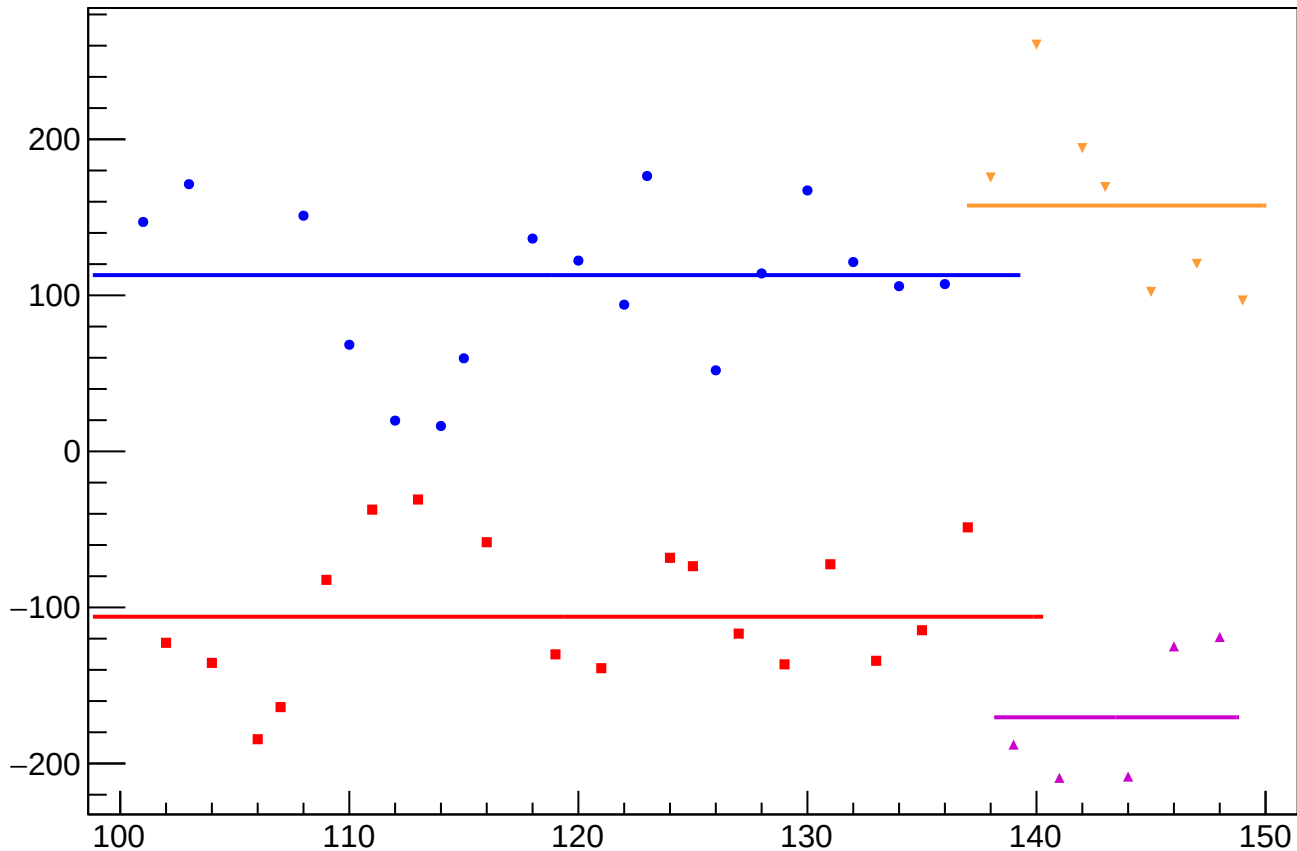
Right: 121.634+/-0.000 χ^2/NDF : 566197373113021

In: 125.335+/-0.000 χ^2/NDF : 36384846533958508

Out: 32.656+/-0.000 χ^2/NDF : 34833196191421981

All: 76.781+/-0.000 χ^2/NDF : 7126826231986

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 112.967+/-0.000

χ^2/NDF : 1352482381635393188272506664826961920.0/16

Left Out: 157.542+/-0.000

χ^2/NDF : 1626974342375475358077724921769754624.0/6

Right Out: -105.949+/-0.000

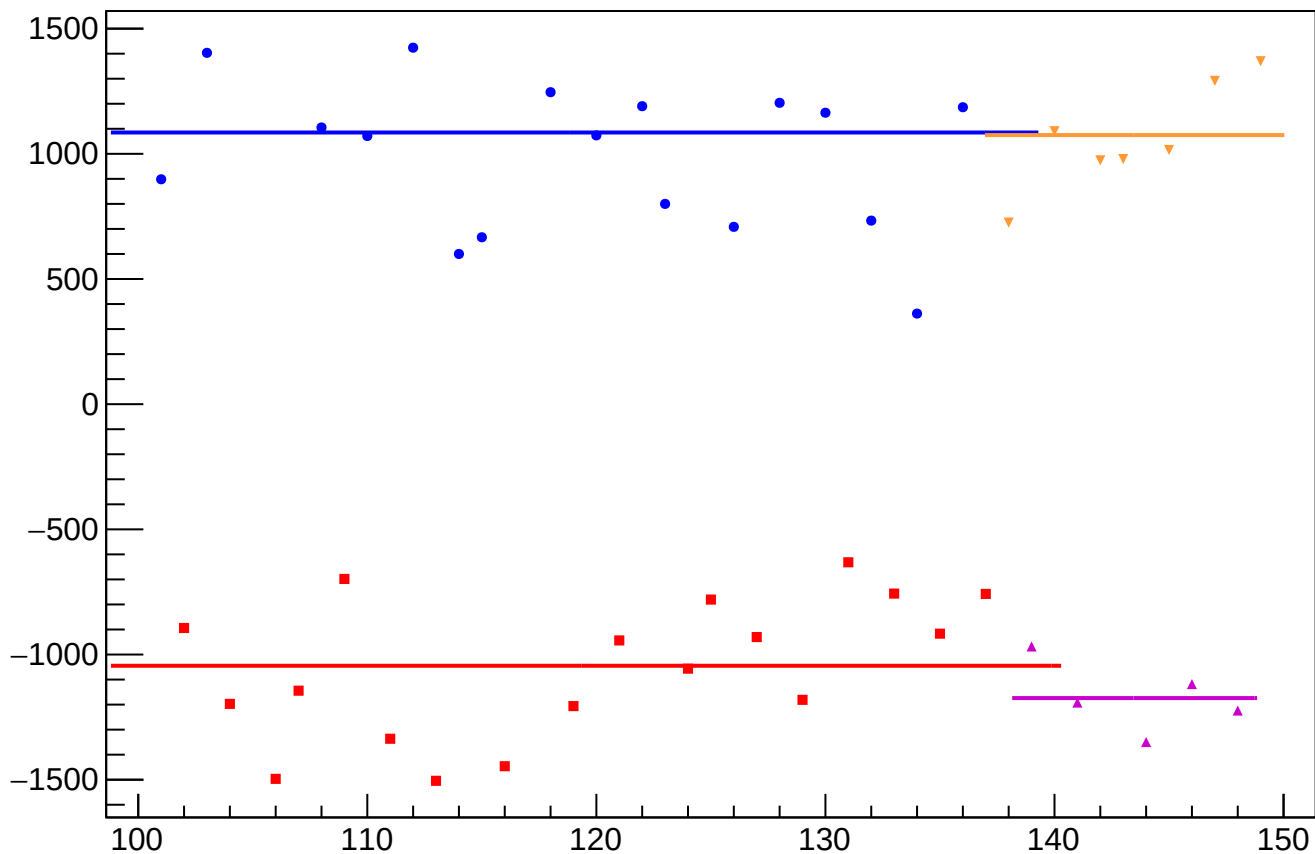
χ^2/NDF : 1242528444706792757388488213889286144.0/17

Left In: -170.395+/-0.000

χ^2/NDF : 674913013871593995659333189532385280.0/4

All: 4.931+/-0.000 χ^2/NDF : 46707338828739

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1085.186+/-0.000

χ^2/NDF : 44603059371113642027482174752630505472.0/16

Left Out: 1074.819+/-0.000

χ^2/NDF : 21876197943812090517611053304386682880.0/6

Right Out: -1044.852+/-0.000

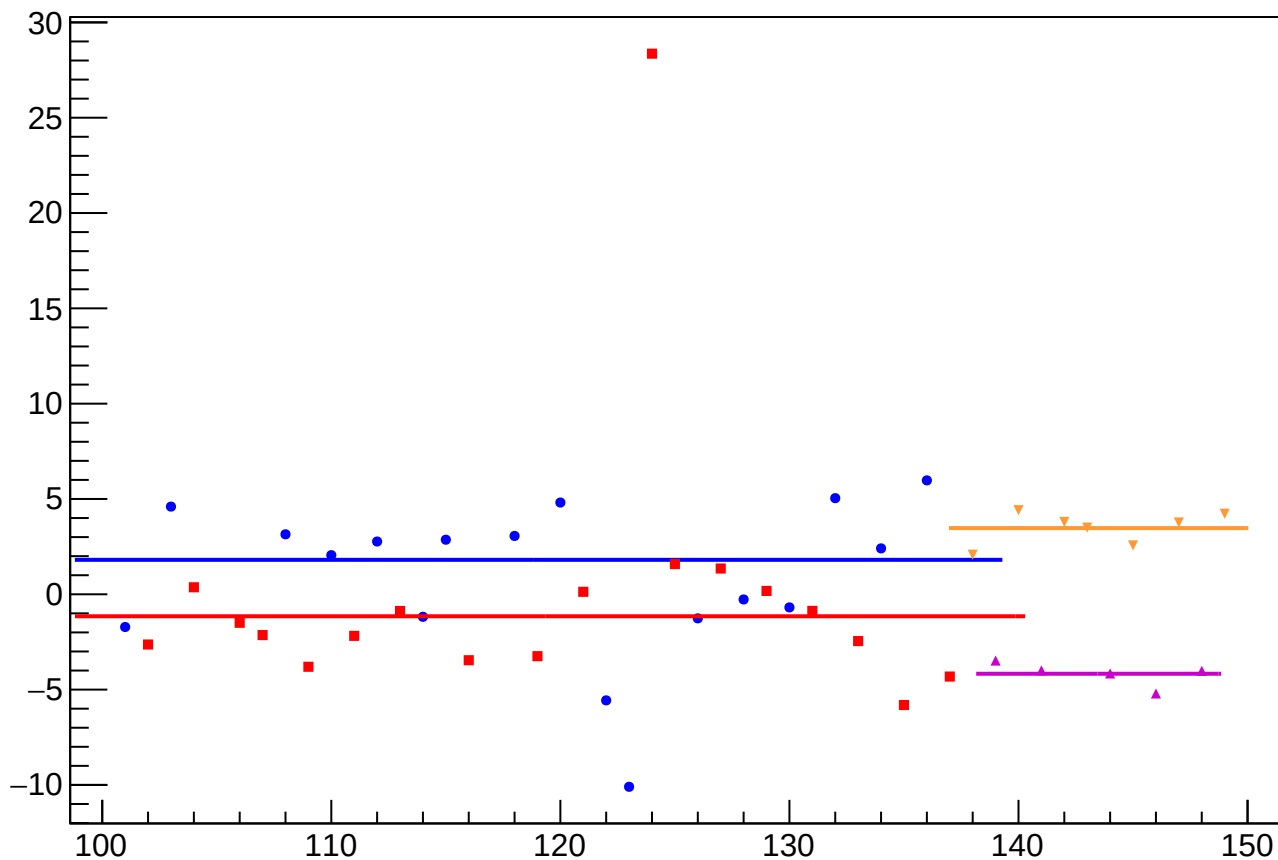
χ^2/NDF : 50845956393664427375382832394046275584.0/17

Left In: -1173.900+/-0.000

χ^2/NDF : 6675446999220672067512348047168241664.0/4

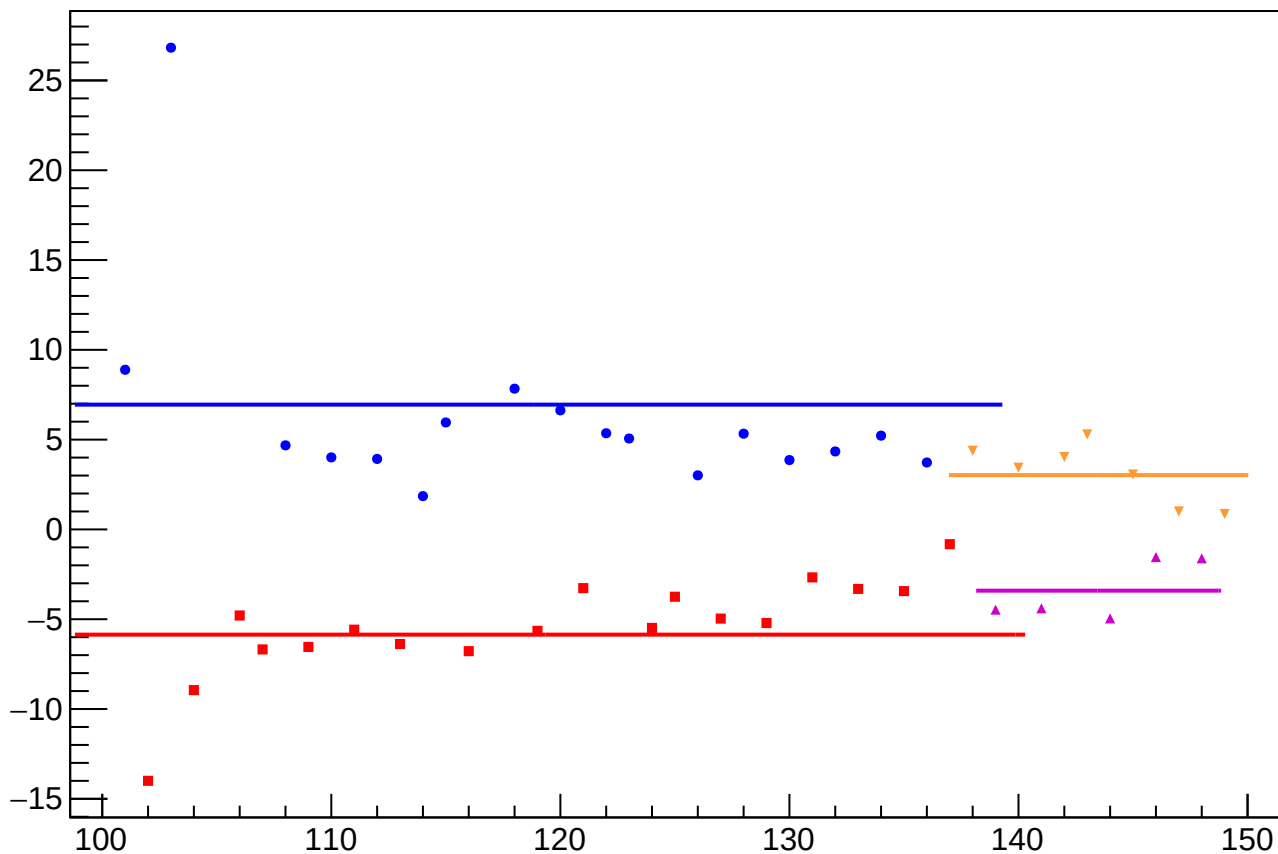
Left: 59.889+/-0.000 χ^2/NDF : 11993676654148610
 Right: 4.294+/-0.000 χ^2/NDF : 16932734928141311
 In: 230.944+/-0.000 χ^2/NDF : 13905646969723632
 Out: -159.354+/-0.000 χ^2/NDF : 141475064481979
 All: 26.470+/-0.000 χ^2/NDF : 2894378301350

dit_4aX_coil6_mean vs Slug, Sign Corrected



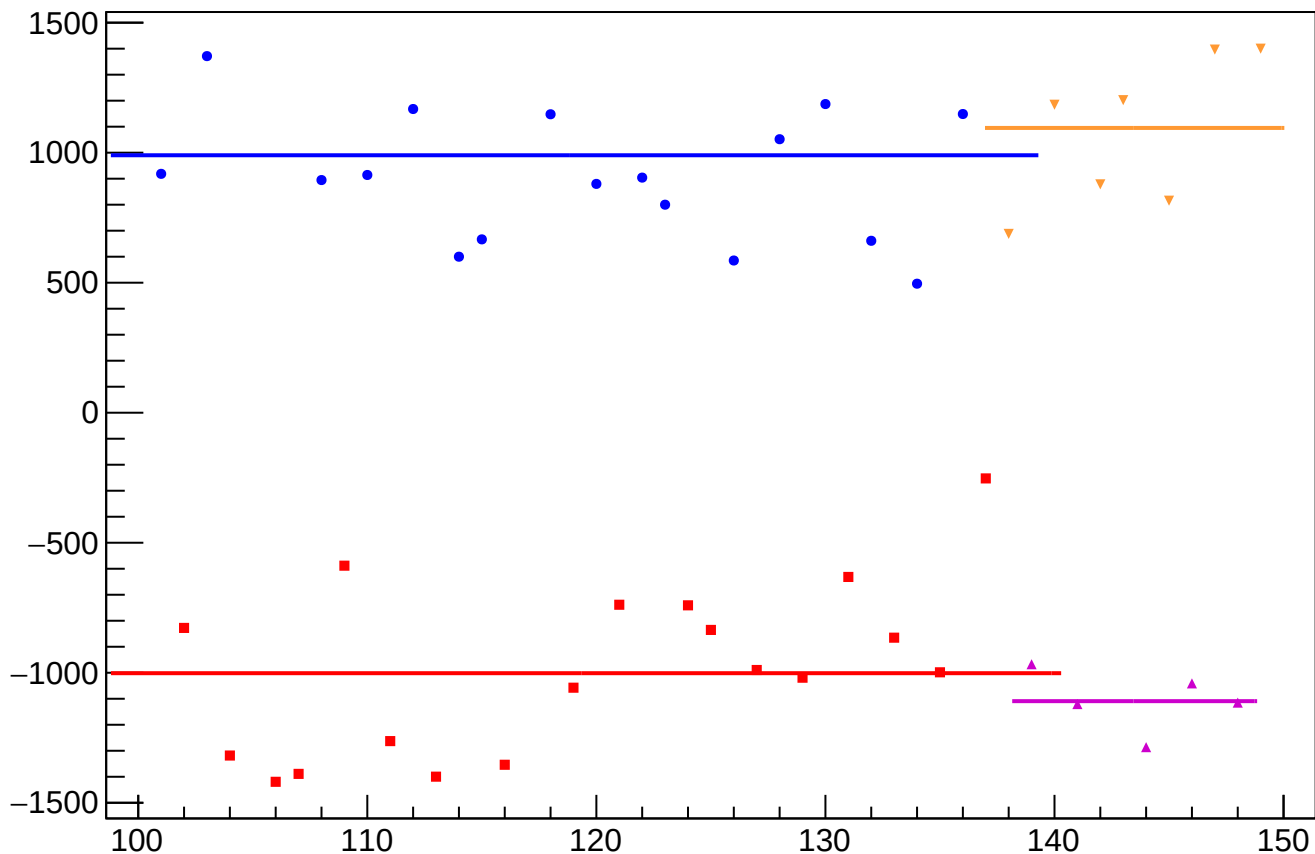
Right In: 1.808 ± 0.000 $\chi^2/\text{NDF}: 7527409924358699638476786257362944.0/16$
 Left Out: 3.473 ± 0.000 $\chi^2/\text{NDF}: 347392239773195074013680902340608.0/6$
 Right Out: -1.152 ± 0.000 $\chi^2/\text{NDF}: 15220659080427743810069153064157184.0/17$
 Left In: -4.168 ± 0.000 $\chi^2/\text{NDF}: 132465278332402467696852426817536.0/4$
 All: 0.193 ± 0.000 $\chi^2/\text{NDF}: 39880025716475$

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



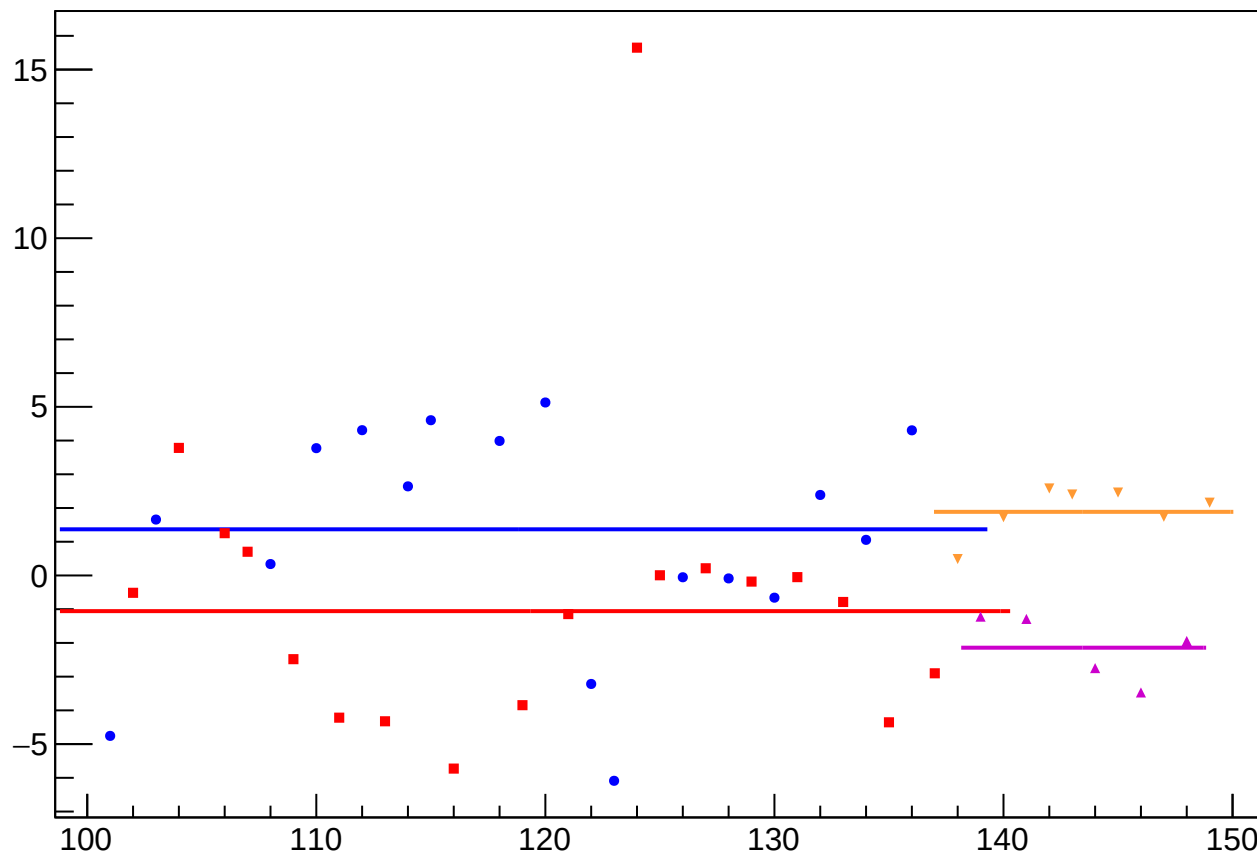
Right In: 6.948 $\pm$ 0.000 χ^2 /NDF: 27500472377838631302114625925939200.0/16
 Left Out: 3.025 $\pm$ 0.000 χ^2 /NDF: 1262168450649347097273132113723392.0/6
 Right Out: -5.858 $\pm$ 0.000 χ^2 /NDF: 6347530911749266996807271930920960.0/17
 Left In: -3.409 $\pm$ 0.000 χ^2 /NDF: 947938892252924094993504866926592.0/4
 All: 0.318 $\pm$ 0.000 χ^2 /NDF: 10346044730438

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



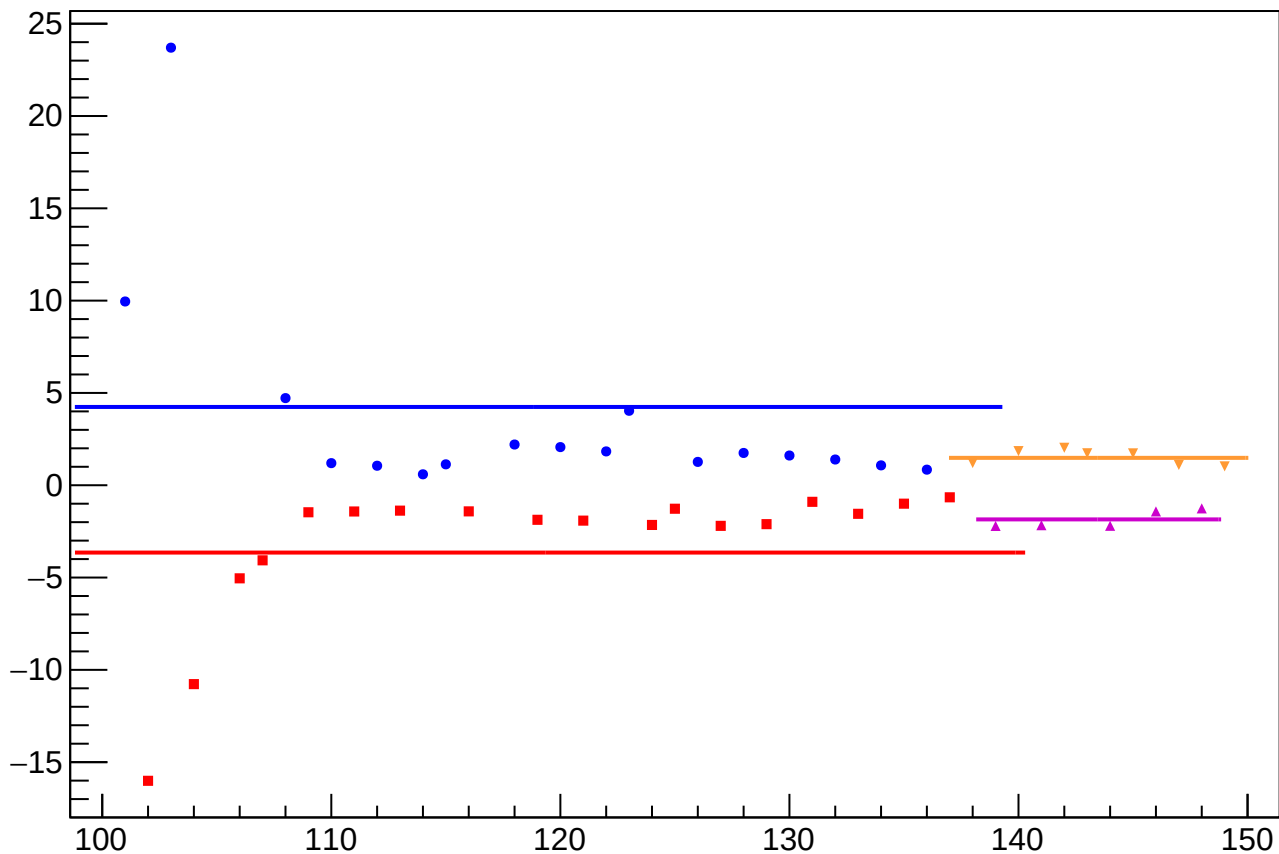
Right In: 990.104 ± 0.000 $\chi^2/\text{NDF}: 36894248833595574425684746704003268608.0/16$
 Left Out: 1095.177 ± 0.000 $\chi^2/\text{NDF}: 37525535198494496903321257400567070720.0/6$
 Right Out: -1001.684 ± 0.000 $\chi^2/\text{NDF}: 61351571695254109773751672489010790400.0/17$
 Left In: -1109.223 ± 0.000 $\chi^2/\text{NDF}: 4817993088270685914681345107212369920.0/4$
 All: 27.586 ± 0.000 $\chi^2/\text{NDF}: 2671064992393$

dit_4eX_coil6_mean vs Slug, Sign Corrected



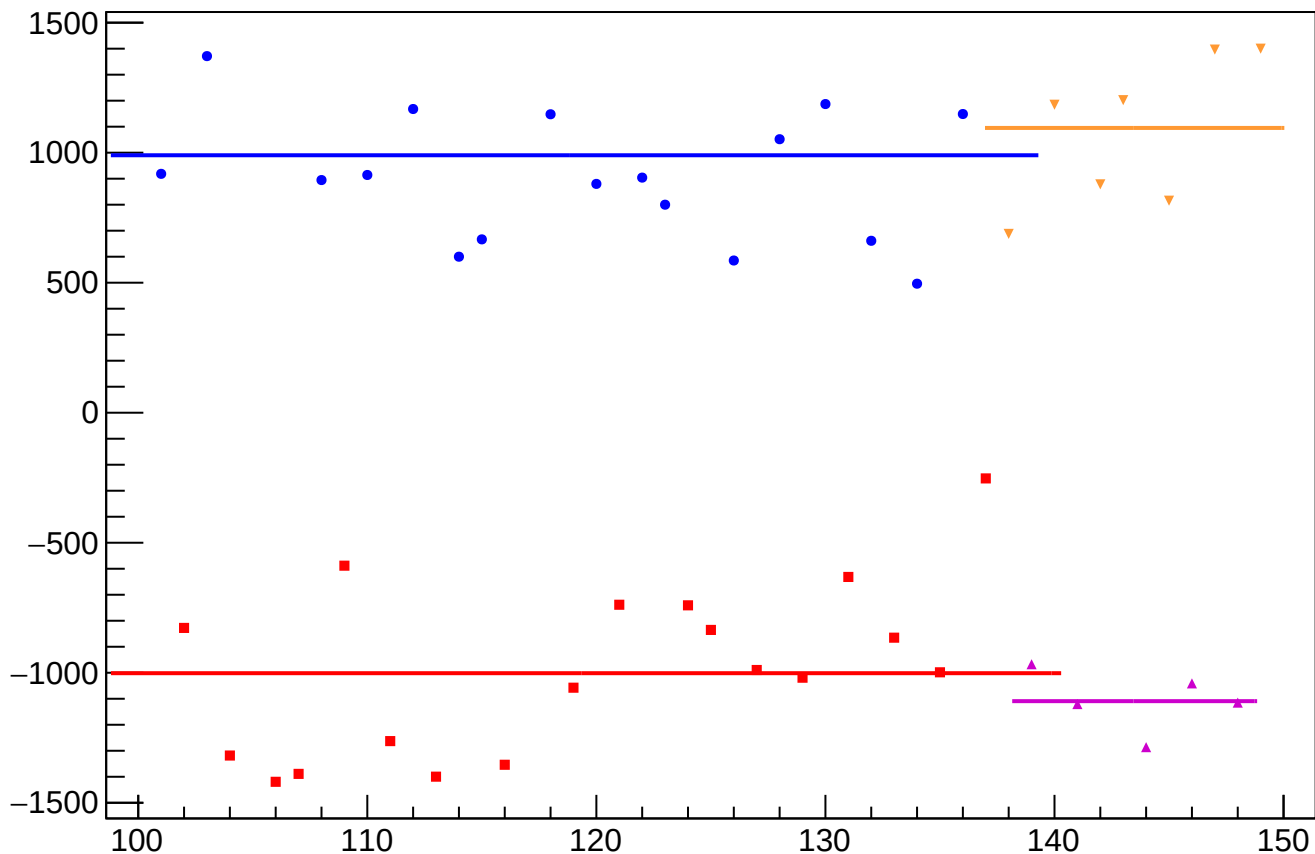
Right In: 1.369+/-0.000 χ^2/NDF : 6191636339009546001582067680280576.0/16
 Left Out: 1.887+/-0.000 χ^2/NDF : 228131559910176014549224389607424.0/6
 Right Out: -1.058+/-0.000 χ^2/NDF : 8169457084716591134016374239657984.0/17
 Left In: -2.142+/-0.000 χ^2/NDF : 312625904838714812028814092140544.0/4
 All: 0.110+/-0.000 χ^2/NDF : 20734952975170

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



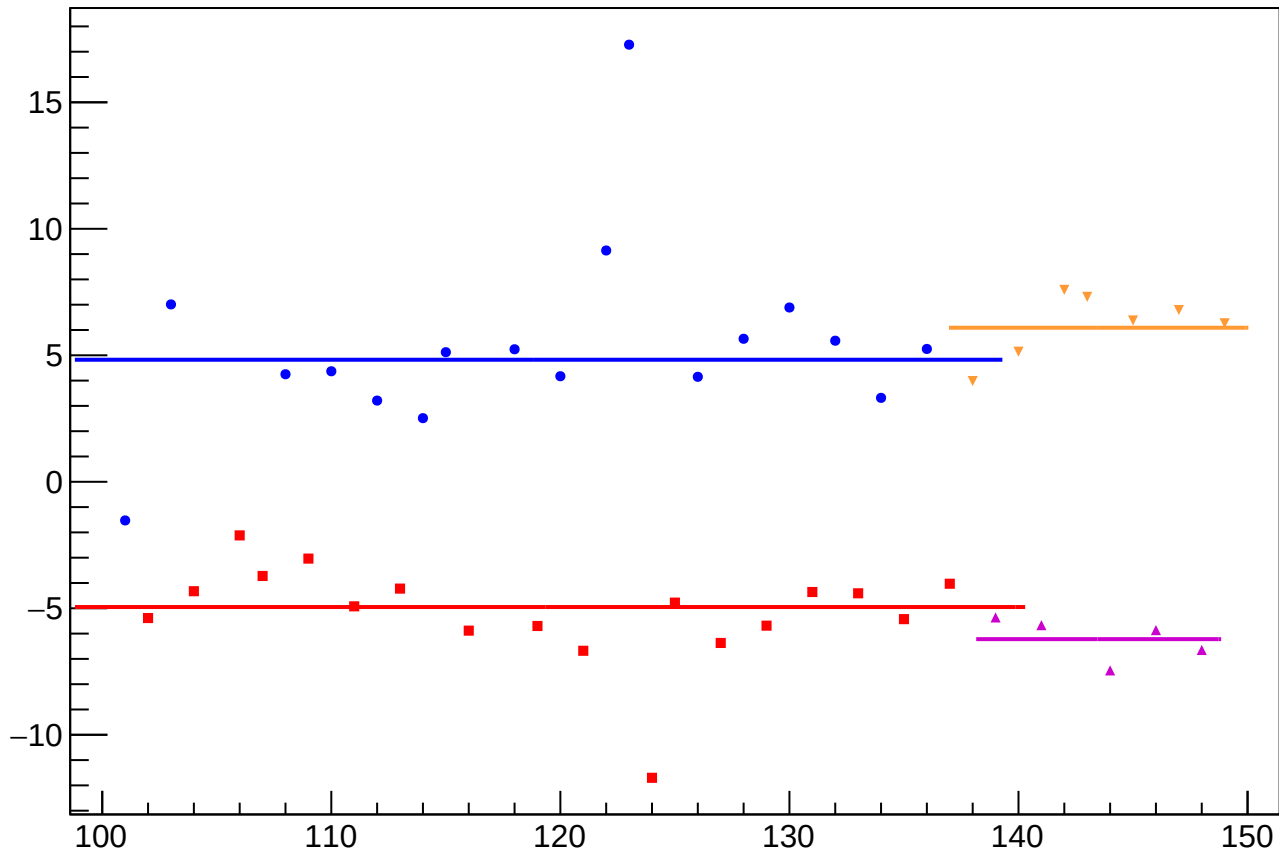
Right In: 4.241 $\pm$ 0.000 χ^2 /NDF: 28619887598660619239245868781535232.0/16
 Left Out: 1.483 $\pm$ 0.000 χ^2 /NDF: 68960889063476158974468707844096.0/6
 Right Out: -3.647 $\pm$ 0.000 χ^2 /NDF: 14024721044013316870032890924105728.0/17
 Left In: -1.851 $\pm$ 0.000 χ^2 /NDF: 74649670580249369964685173981184.0/4
 All: 0.135 $\pm$ 0.000 χ^2 /NDF: 67309664371809

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



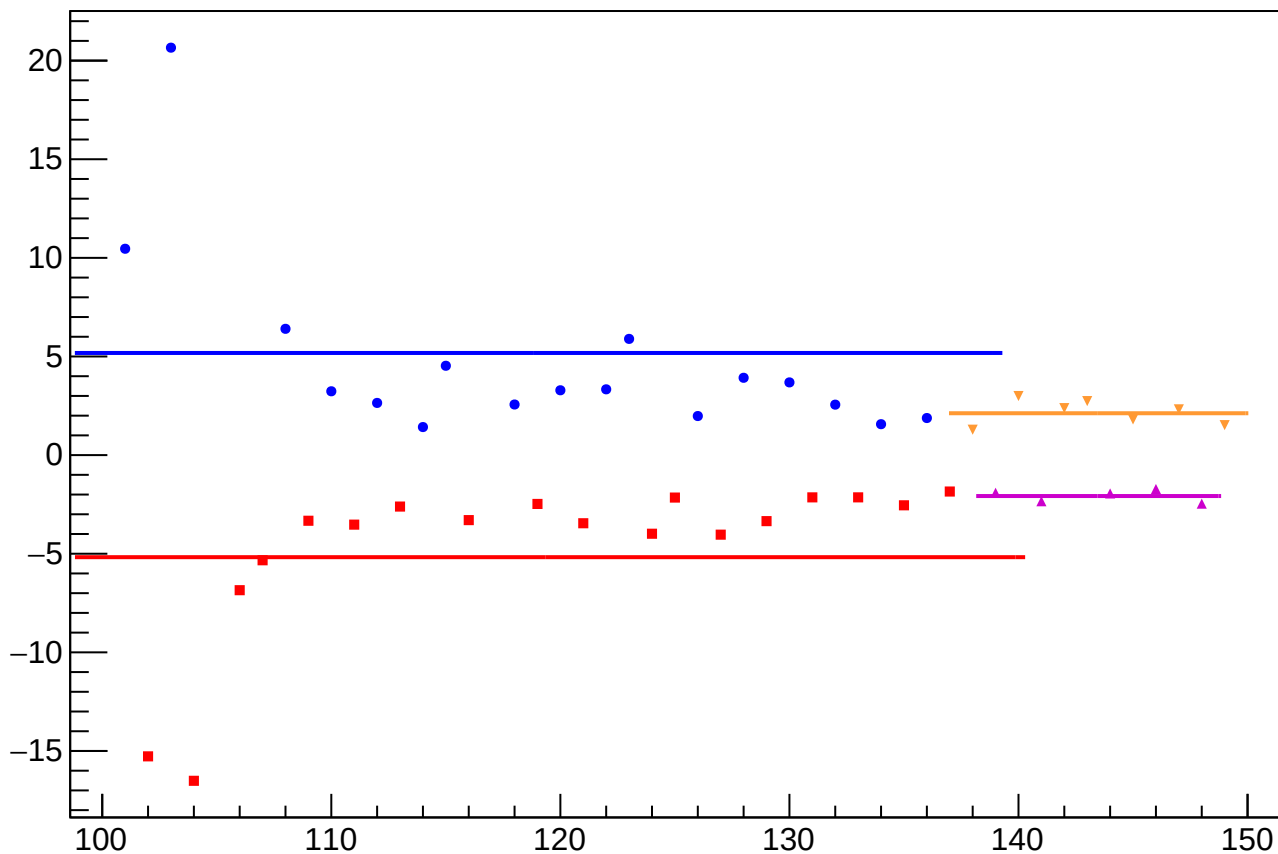
Right In: 990.104 ± 0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16
 Left Out: 1095.177 ± 0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684 ± 0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223 ± 0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586 ± 0.000 χ^2/NDF : 2671064992393

dit_11X12X_coil6_mean vs Slug, Sign Corrected



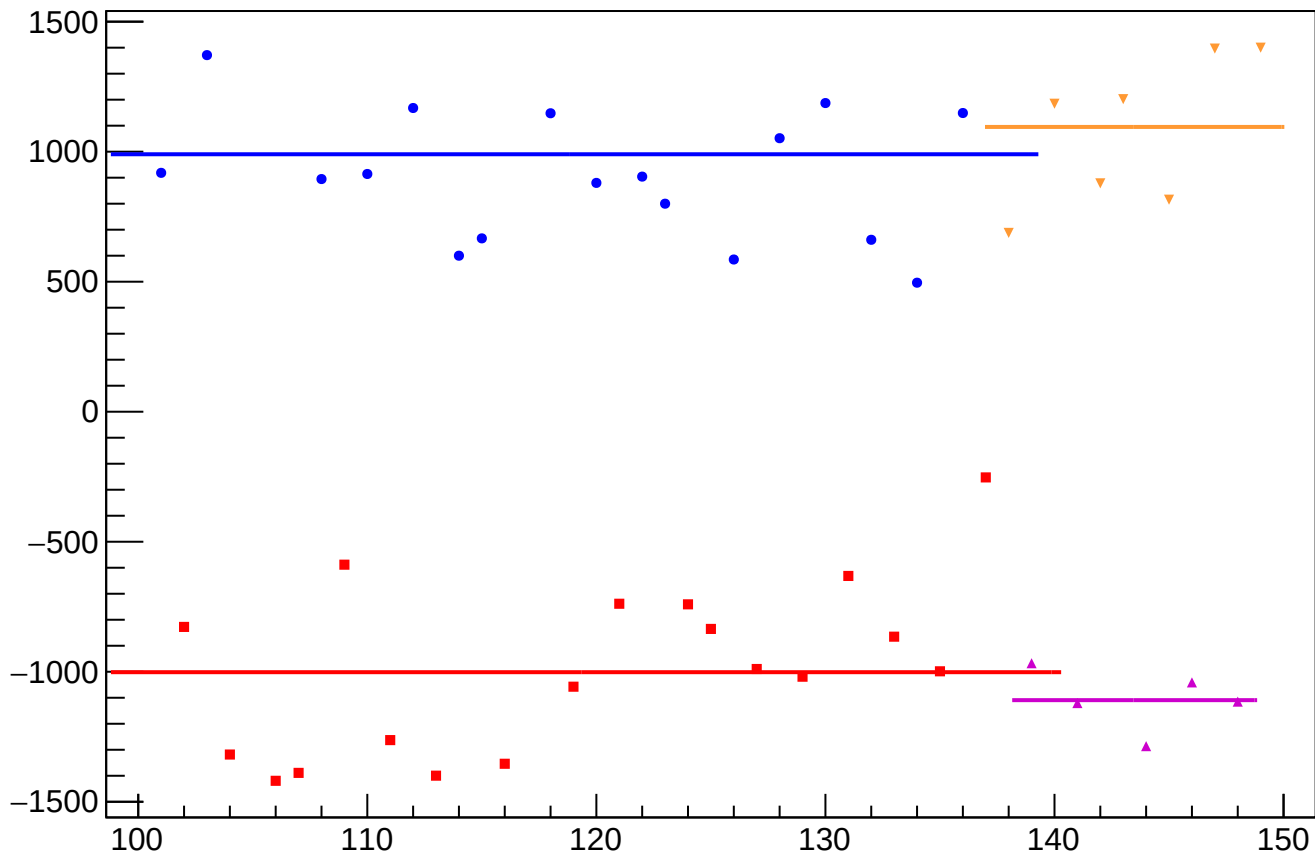
Right In: 4.824 $\pm$ 0.000 χ^2 /NDF: 4654072520475619864481183580553216.0/16
 Left Out: 6.090 $\pm$ 0.000 χ^2 /NDF: 670165831625948343862301391060992.0/6
 Right Out: -4.950 $\pm$ 0.000 χ^2 /NDF: 1515007904318518564448163120283648.0/17
 Left In: -6.219 $\pm$ 0.000 χ^2 /NDF: 247364436299744676146267532820480.0/4
 All: 0.132 $\pm$ 0.000 χ^2 /NDF: 76066638126800.0/16

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



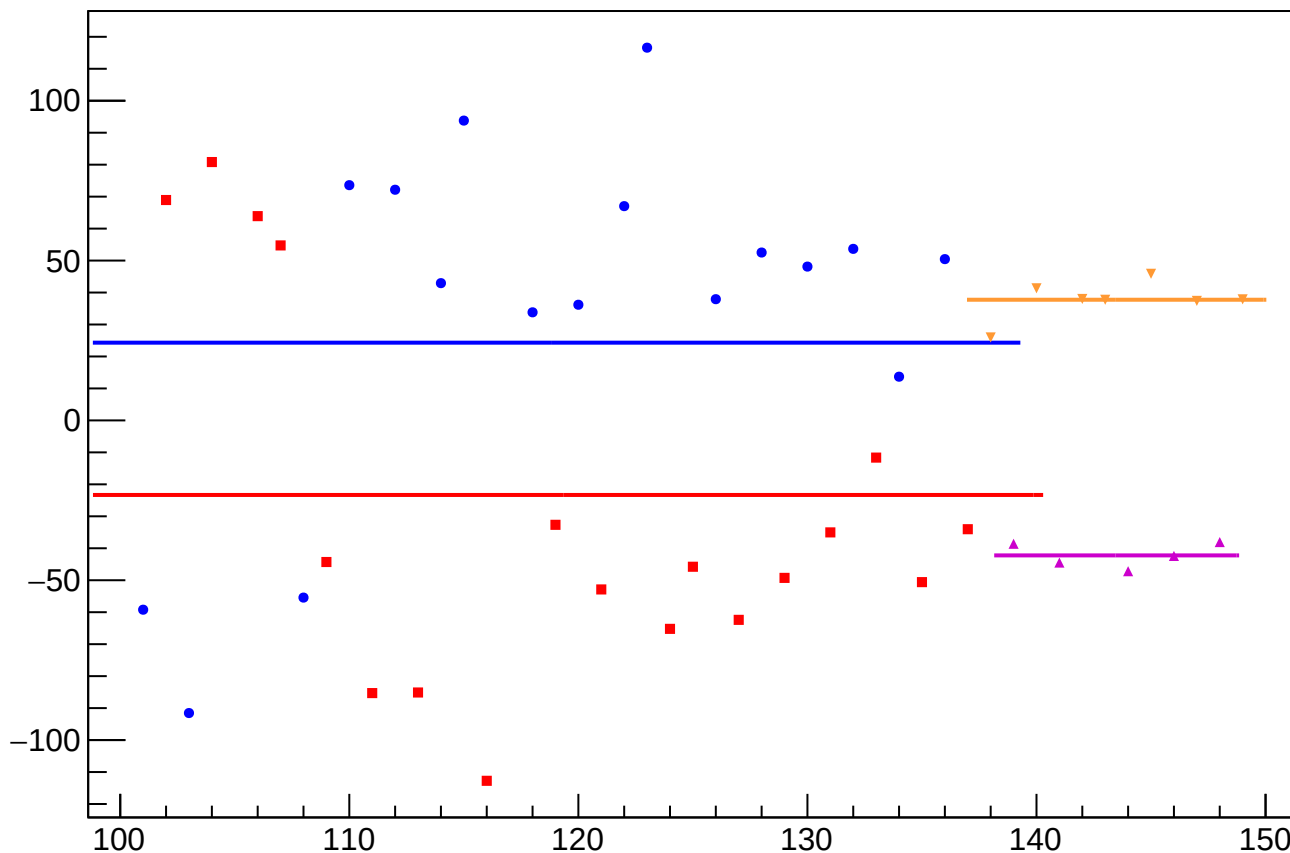
Right In: 5.179 $\pm$ 0.000 χ^2 /NDF: 19215970923479019199836696755568640.0/16
 Left Out: 2.122 $\pm$ 0.000 χ^2 /NDF: 186572445274636941391453816356864.0/6
 Right Out: -5.175 $\pm$ 0.000 χ^2 /NDF: 15553868406688086696237036103270400.0/17
 Left In: -2.075 $\pm$ 0.000 χ^2 /NDF: 32843728567543788638003894681600.0/4
 All: 0.046 $\pm$ 0.000 χ^2 /NDF: 76871585224527

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



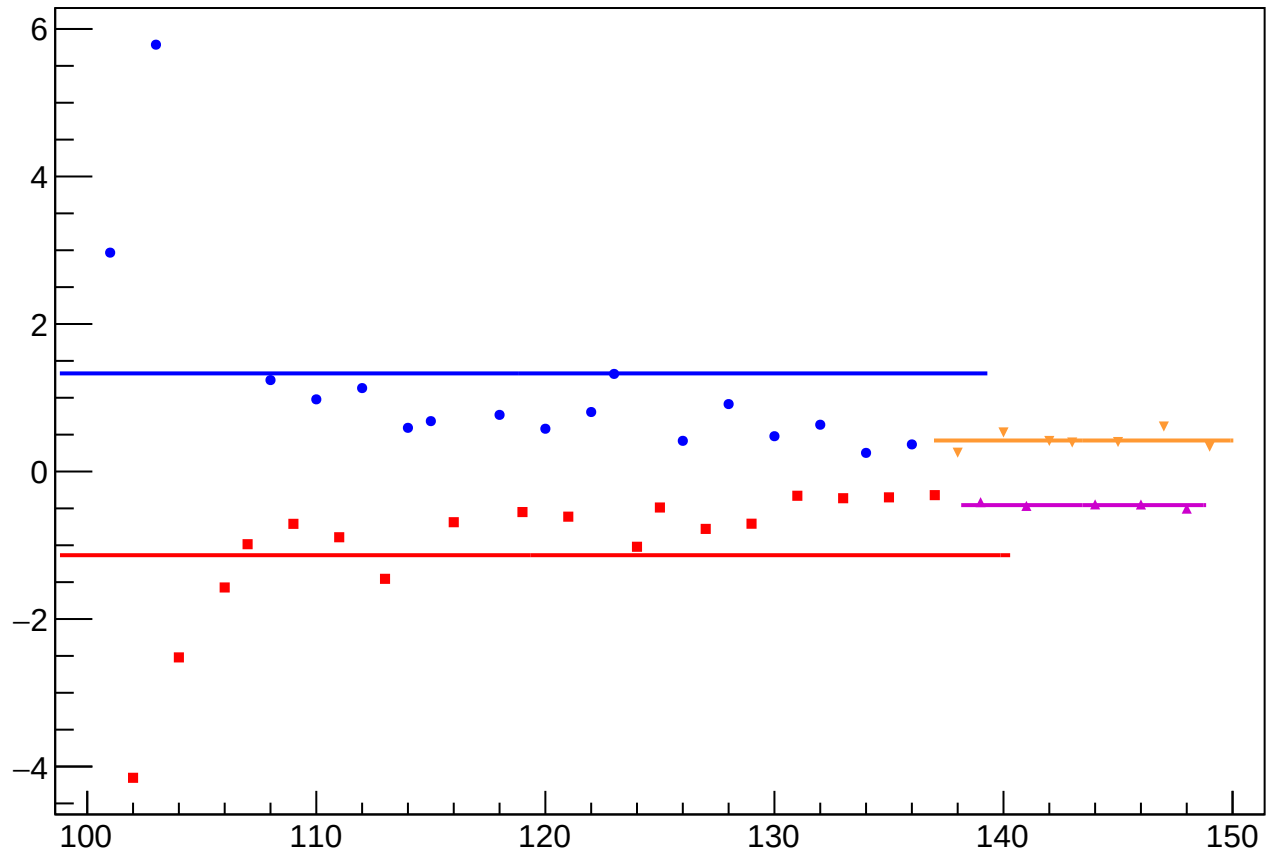
Right In: 990.104+/-0.000	χ^2/NDF : 36894248833595574425684746704003268608.0/16	Left: 100.250+/-0.000	χ^2/NDF : 1167464095804885
Left Out: 1095.177+/-0.000	χ^2/NDF : 37525535198494496903321257400567070720.0/6	Right: -20.633+/-0.000	χ^2/NDF : 149538797073234
Right Out: -1001.684+/-0.000	χ^2/NDF : 61351571695254109773751672489010790400.0/17	In: 196.272+/-0.000	χ^2/NDF : 11982709975199593
Left In: -1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4	Out: -125.715+/-0.000	χ^2/NDF : 141217863771531
	All: 27.586+/-0.000		χ^2/NDF : 2671064992393

dit_4aY_coil6_mean vs Slug, Sign Corrected



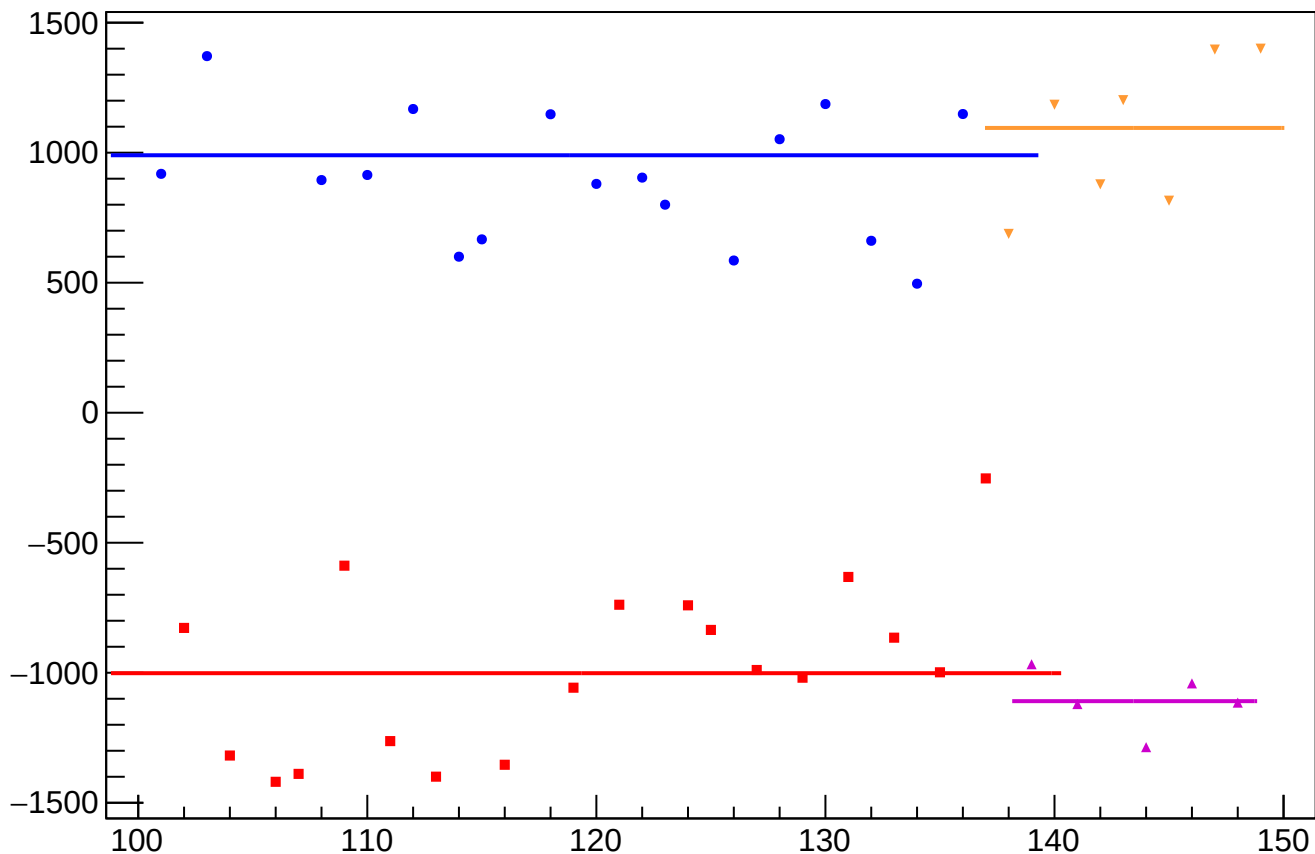
Left: 1.652 +/- 0.000 χ^2/NDF : 150315340563116174
 Right: 0.143 +/- 0.000 χ^2/NDF : 51024201837474036
 In: -0.845 +/- 0.000 χ^2/NDF : 317011504313770886
 Out: 2.190 +/- 0.000 χ^2/NDF : 343135201296073081
 All: 0.745 +/- 0.000 χ^2/NDF : 66068530238447

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



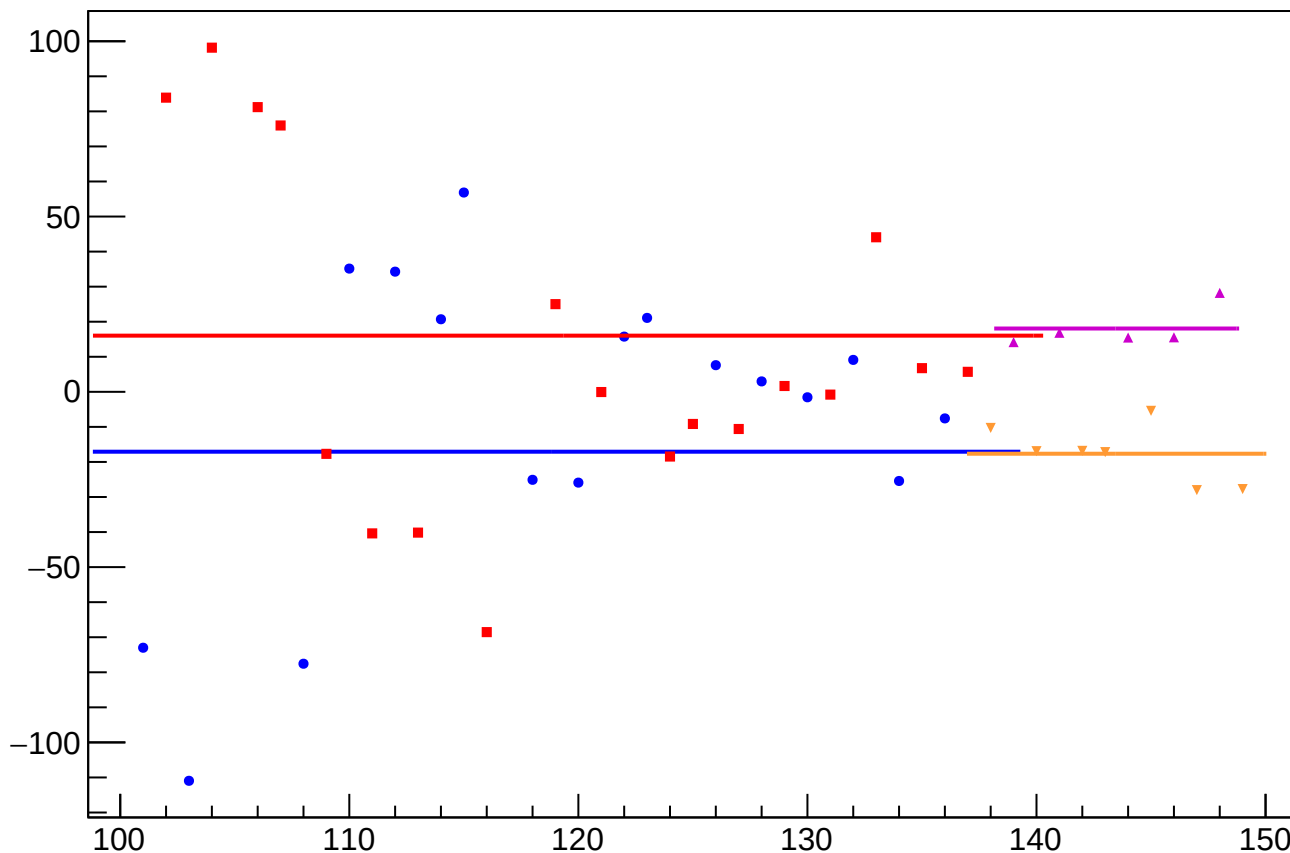
Right In: 1.330 $\pm$ 0.000 χ^2 /NDF: 1603106167275520107151234942631936.0/16
 Left Out: 0.421 $\pm$ 0.000 χ^2 /NDF: 6588330071910566065756004417536.0/6
 Right Out: -1.135 $\pm$ 0.000 χ^2 /NDF: 803137408294494563054397652205568.0/17
 Left In: -0.456 $\pm$ 0.000 χ^2 /NDF: 348039169389727083278723186688.0/4
 All: 0.058 $\pm$ 0.000 χ^2 /NDF: 47322868803623

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16
 Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -17.080 ± 0.000

Left Out: -17.658 ± 0.000

Right Out: 16.026 ± 0.000

Left In: 18.060 ± 0.000

χ^2/NDF : 1305852396524110552444351569704517632.0/16

χ^2/NDF : 32933973375423167752839232537755648.0/6

χ^2/NDF : 1544075638091019901834252047429402624.0/17

χ^2/NDF : 11135885627224816287660496440524800.0/4

Left: -1.537 ± 0.000 χ^2/NDF : 33944759018995860

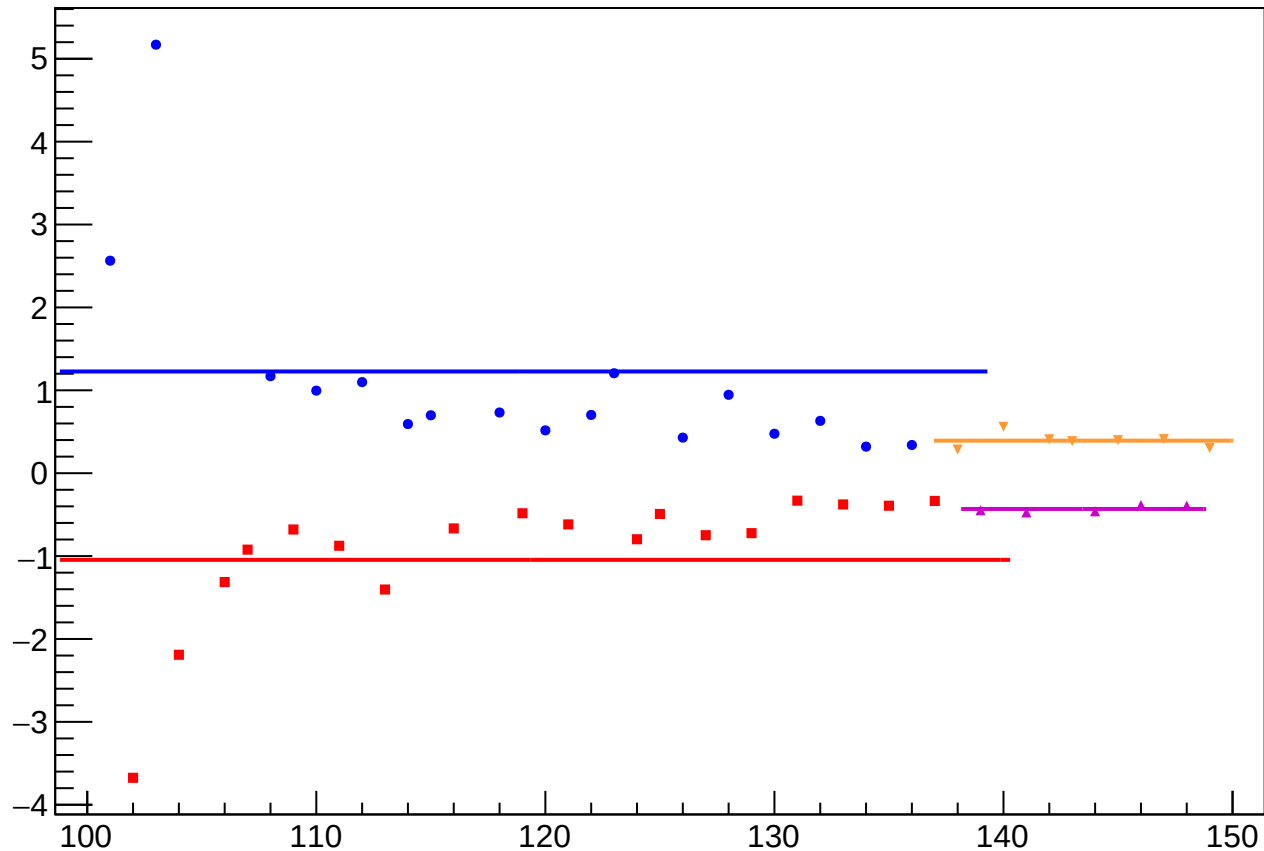
Right: -0.280 ± 0.000 χ^2/NDF : 3235905793745171

In: -3.792 ± 0.000 χ^2/NDF : 164102449315566636

Out: 1.955 ± 0.000 χ^2/NDF : 191590811060524386

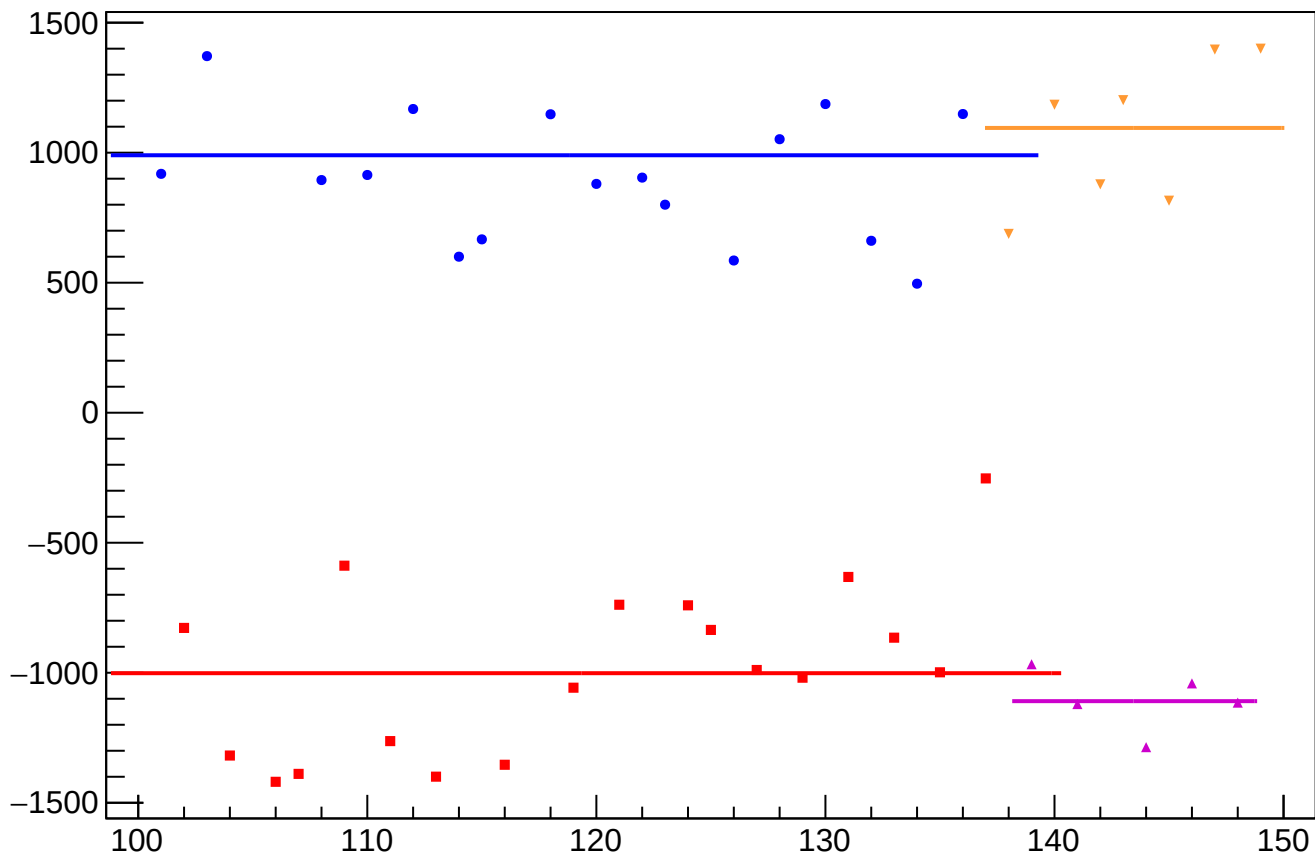
All: -0.781 ± 0.000 χ^2/NDF : 3576241616608

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



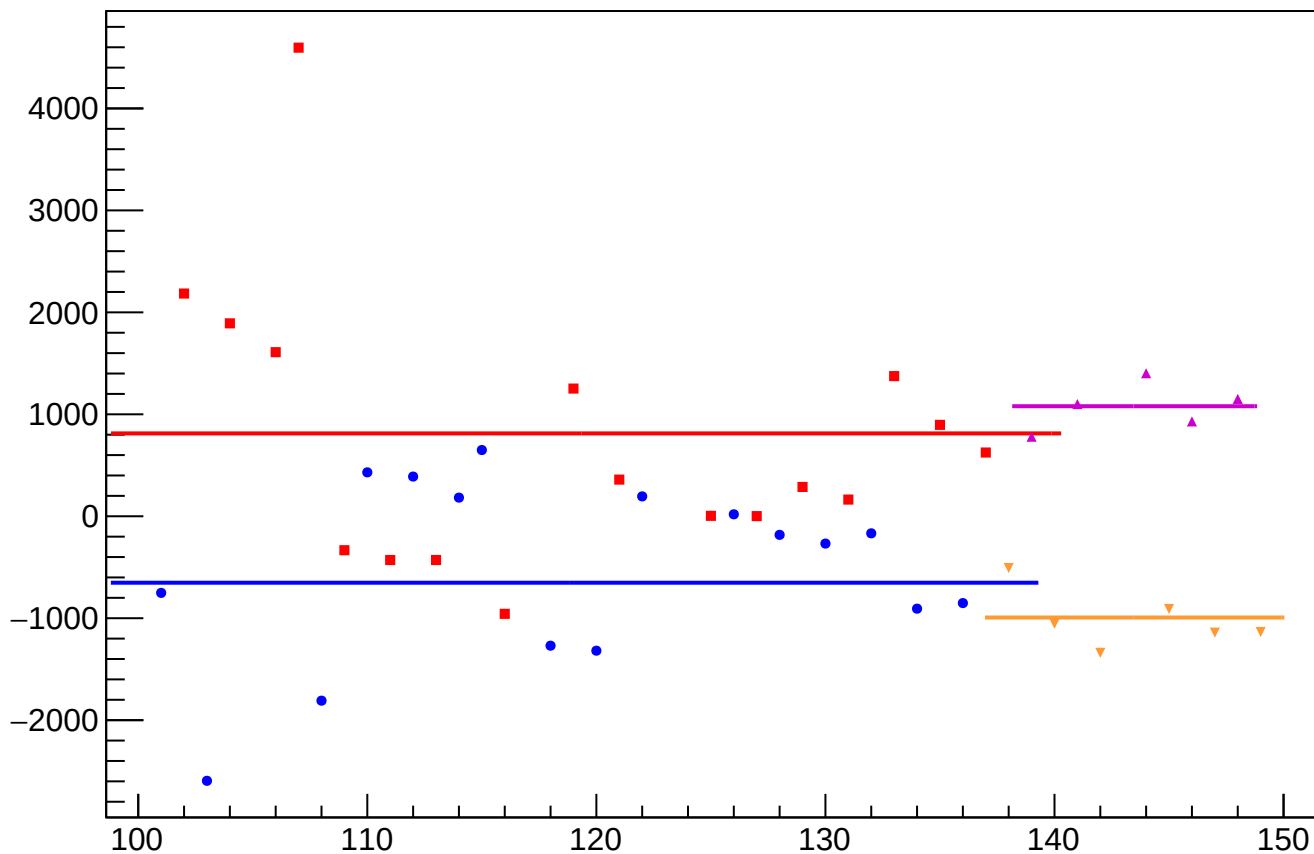
Right In: 1.227 ± 0.000 $\chi^2/\text{NDF}: 1236268785411842731770087408140288.0/16$
 Left Out: 0.393 ± 0.000 $\chi^2/\text{NDF}: 3910415752292235962203313799168.0/6$
 Right Out: -1.045 ± 0.000 $\chi^2/\text{NDF}: 600057841416365938926945245855744.0/17$
 Left In: -0.431 ± 0.000 $\chi^2/\text{NDF}: 545661656501633886201598443520.0/4$
 All: 0.053 ± 0.000 $\chi^2/\text{NDF}: 38185723646248.0/23$

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16
 Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -651.720 +/- 0.000

Left Out: -993.166 +/- 0.000

Right Out: 812.763 +/- 0.000

Left In: 1079.441 +/- 0.000

χ^2/NDF : 51525342951411170908240824492993019904.0/15

χ^2/NDF : 28166052338678215949087529109041446912.0/5

χ^2/NDF : 1101460876390641458322598423370785619968.0/16

χ^2/NDF : 18867653173694209796193501927272611840.0/4

Left: 14.484 +/- 0.000 χ^2/NDF : 97848753908067668

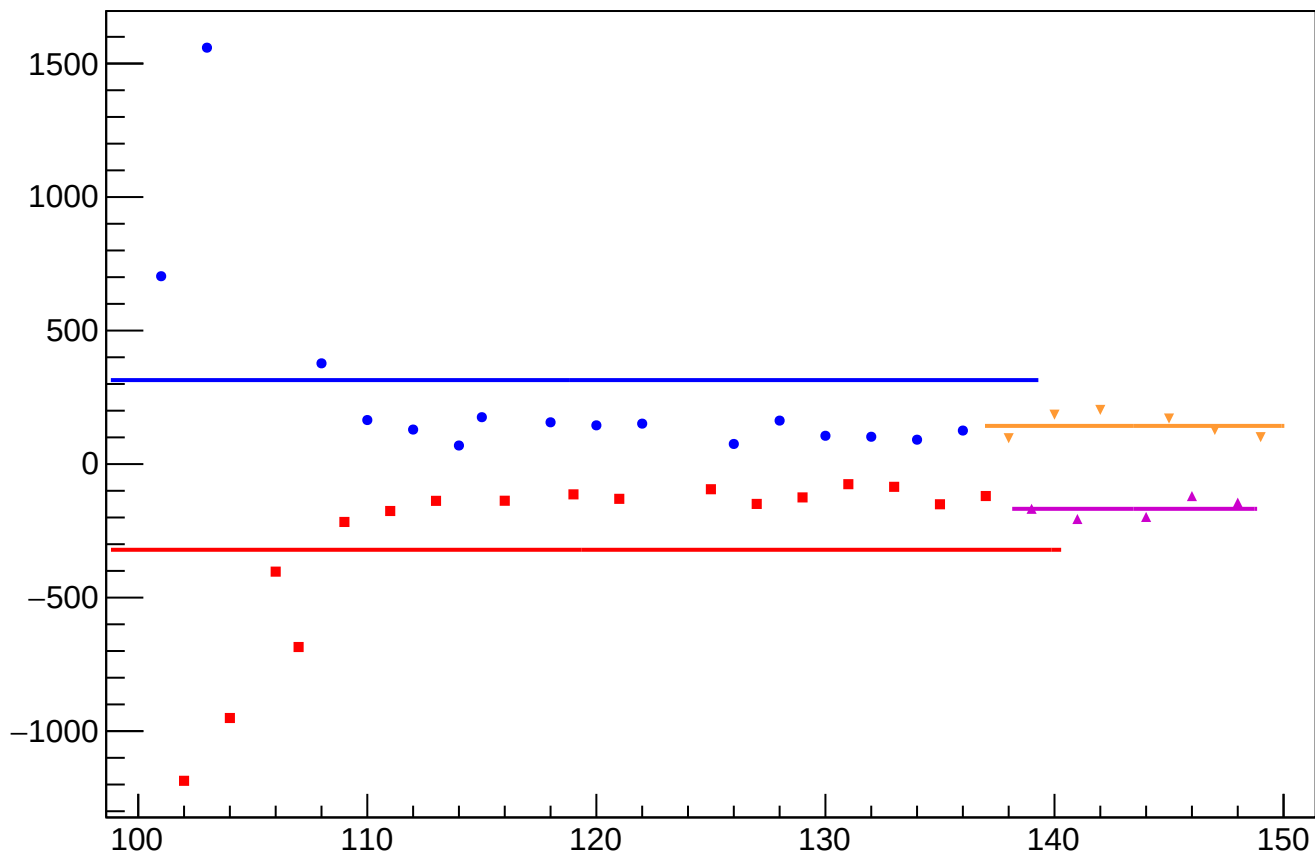
Right: 86.312 +/- 0.000 χ^2/NDF : 2362490834694491

In: 5.249 +/- 0.000 χ^2/NDF : 131887205665581473

Out: 110.545 +/- 0.000 χ^2/NDF : 2018603827997986

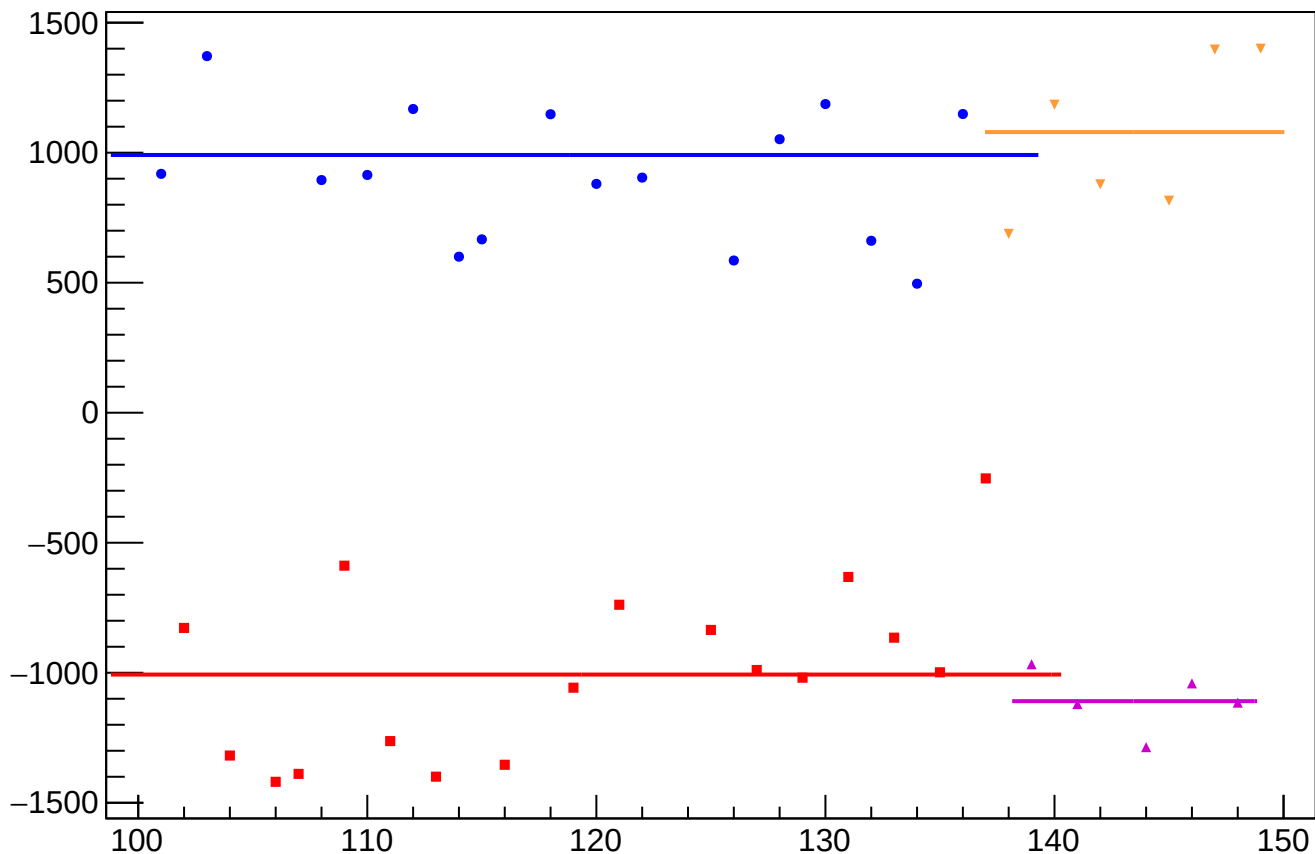
All: 58.713 +/- 0.000 χ^2/NDF : 3343735857565

dit_usl_coil6_err_mean vs Slug, Sign Corrected



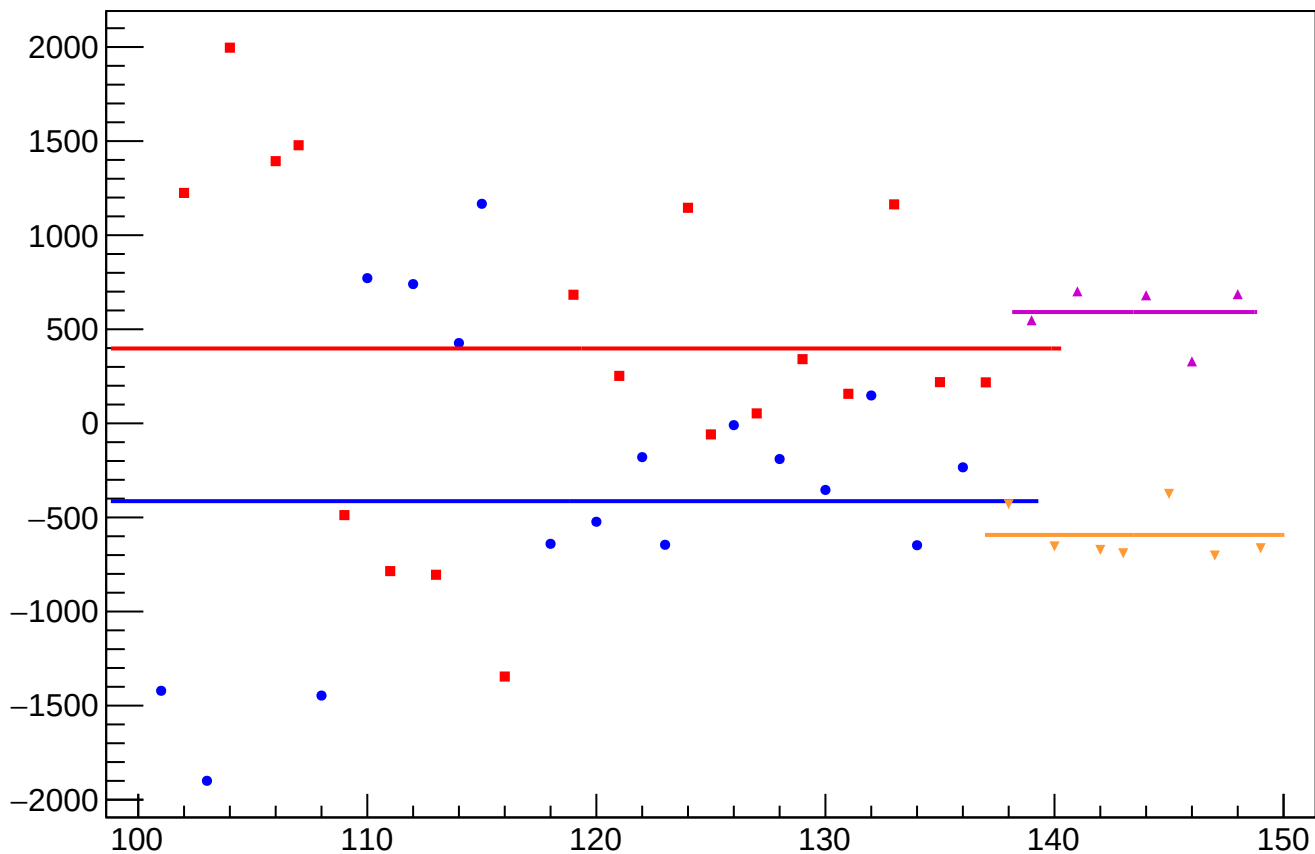
Right In: 314.545 +/- 0.000 χ^2/NDF : 119237374869722274381627978354572394496.0/15
 Left Out: 143.032 +/- 0.000 χ^2/NDF : 703628004213029933002900576692862976.0/5
 Right Out: -320.904 +/- 0.000 χ^2/NDF : 87674109079535670450798871539758399488.0/16
 Left In: -167.547 +/- 0.000 χ^2/NDF : 439890497398537376325479471920447488.0/4
 All: -6.565 +/- 0.000 χ^2/NDF : 3693842815178

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 991.206+/-0.000 χ^2/NDF : 36748853080147814133782972147039207424.0/15
 Left Out: 1079.132+/-0.000 χ^2/NDF : 36646386520936578730386770496401178624.0/5
 Right Out: -1006.896+/-0.000 χ^2/NDF : 60379057385364851969891575322776698880.0/16
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: -3.852+/-0.000 χ^2/NDF : 2565774584964

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -413.418 +/- 0.000

χ^2/NDF : 416661262936725907024907175037323182080.0/16

Left Out: -592.922 +/- 0.000

χ^2/NDF : 8373126709758186110612372329276112896.0/6

Right Out: 397.961 +/- 0.000

χ^2/NDF : 544622124437292502497528454351499034624.0/17

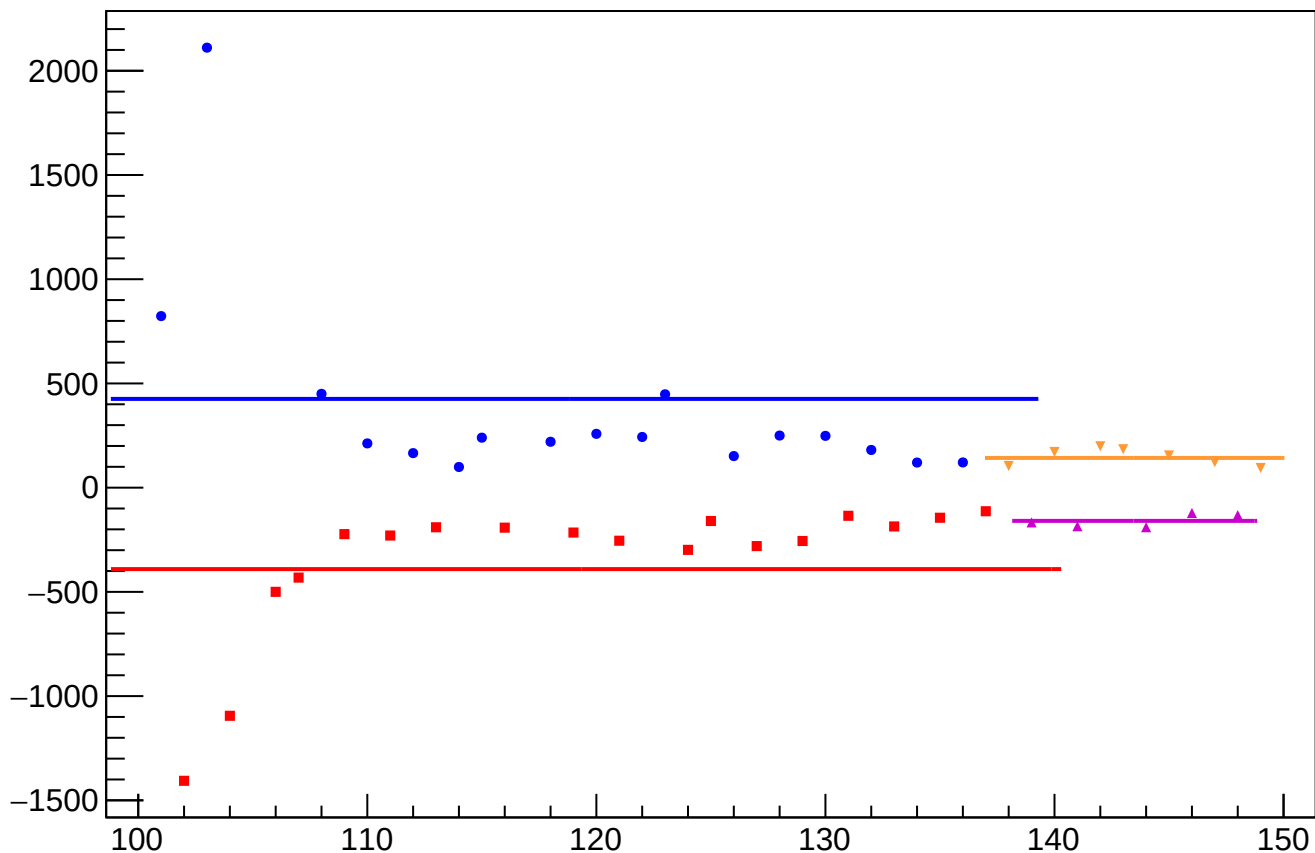
Left In: 591.521 +/- 0.000

χ^2/NDF : 8355094329044391562700562510211186688.0/4

All: -24.282 +/- 0.000

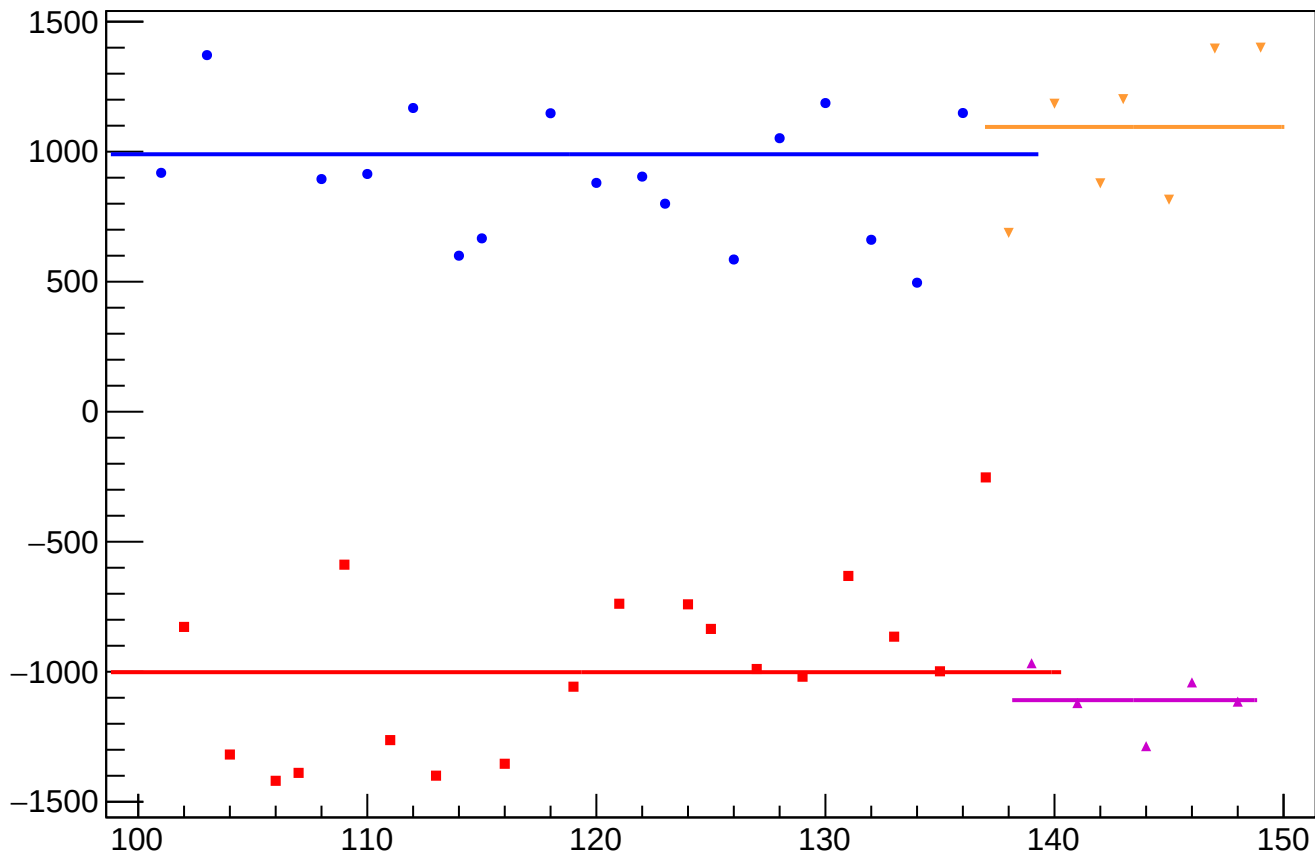
χ^2/NDF : 153648572662

dit_usr_coil6_err_mean vs Slug, Sign Corrected



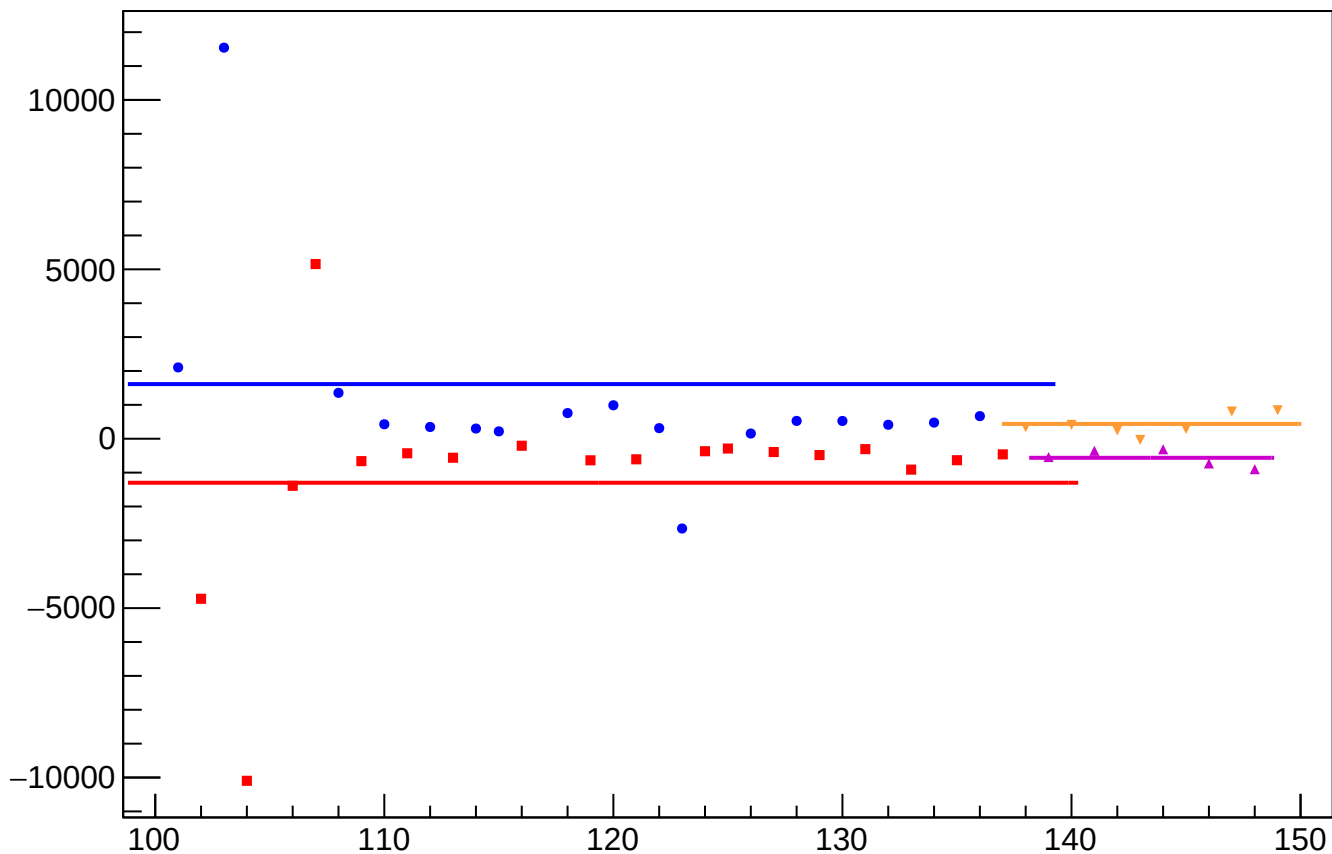
Right In: 425.847+/-0.000 χ^2/NDF : 207036344088227618256858466697210757120.0/16
 Left Out: 142.625+/-0.000 χ^2/NDF : 683666650033018537455898052062609408.0/6
 Right Out: -390.709+/-0.000 χ^2/NDF : 105177402148385851360915440950786916352.0/17
 Left In: -159.330+/-0.000 χ^2/NDF : 325517062268418572143943898326106112.0/4
 All: 9.433+/-0.000 χ^2/NDF : 56916380154679

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



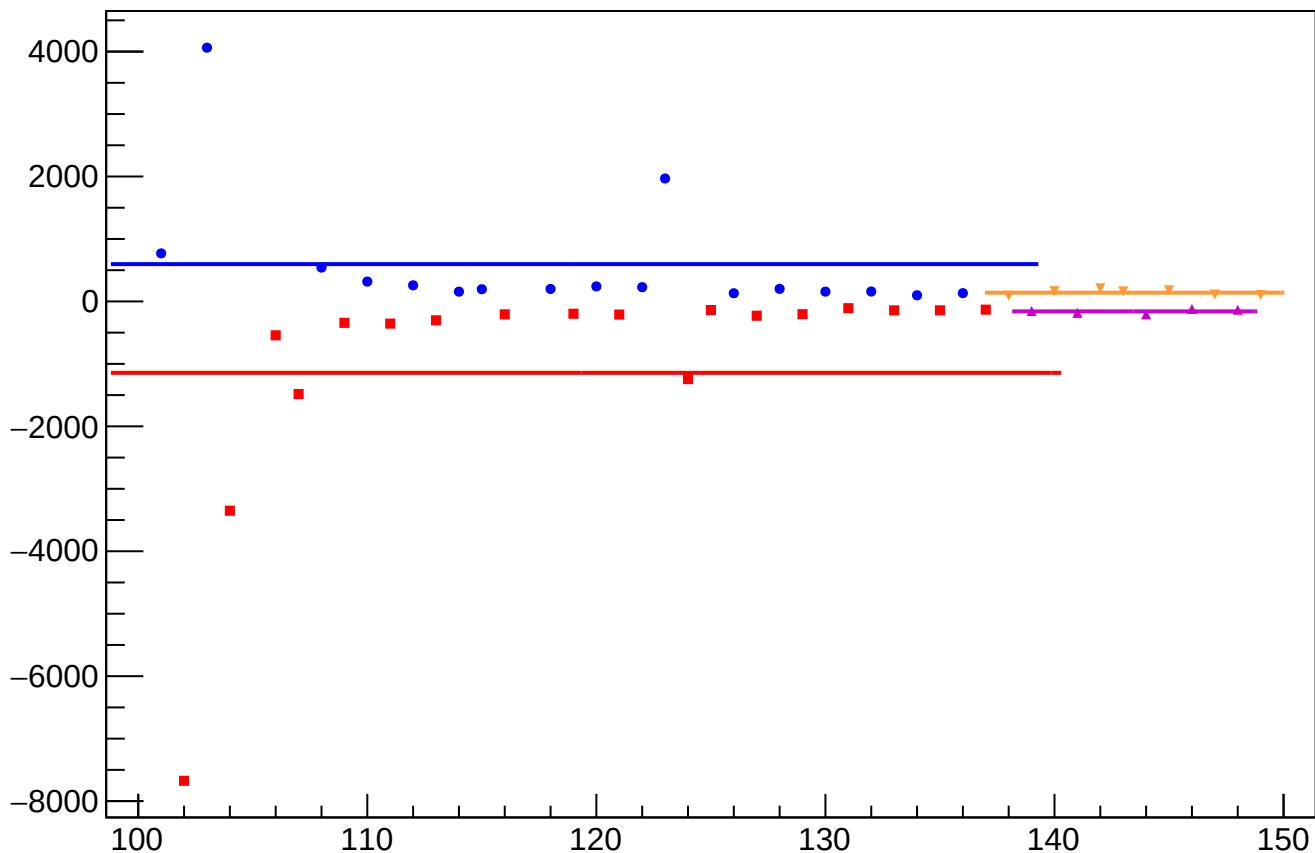
Left: 100.250+/-0.000 χ^2/NDF : 1167464095804885
 Right: -20.633+/-0.000 χ^2/NDF : 149538797073234
 Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_atl1_coil6_mean vs Slug, Sign Corrected



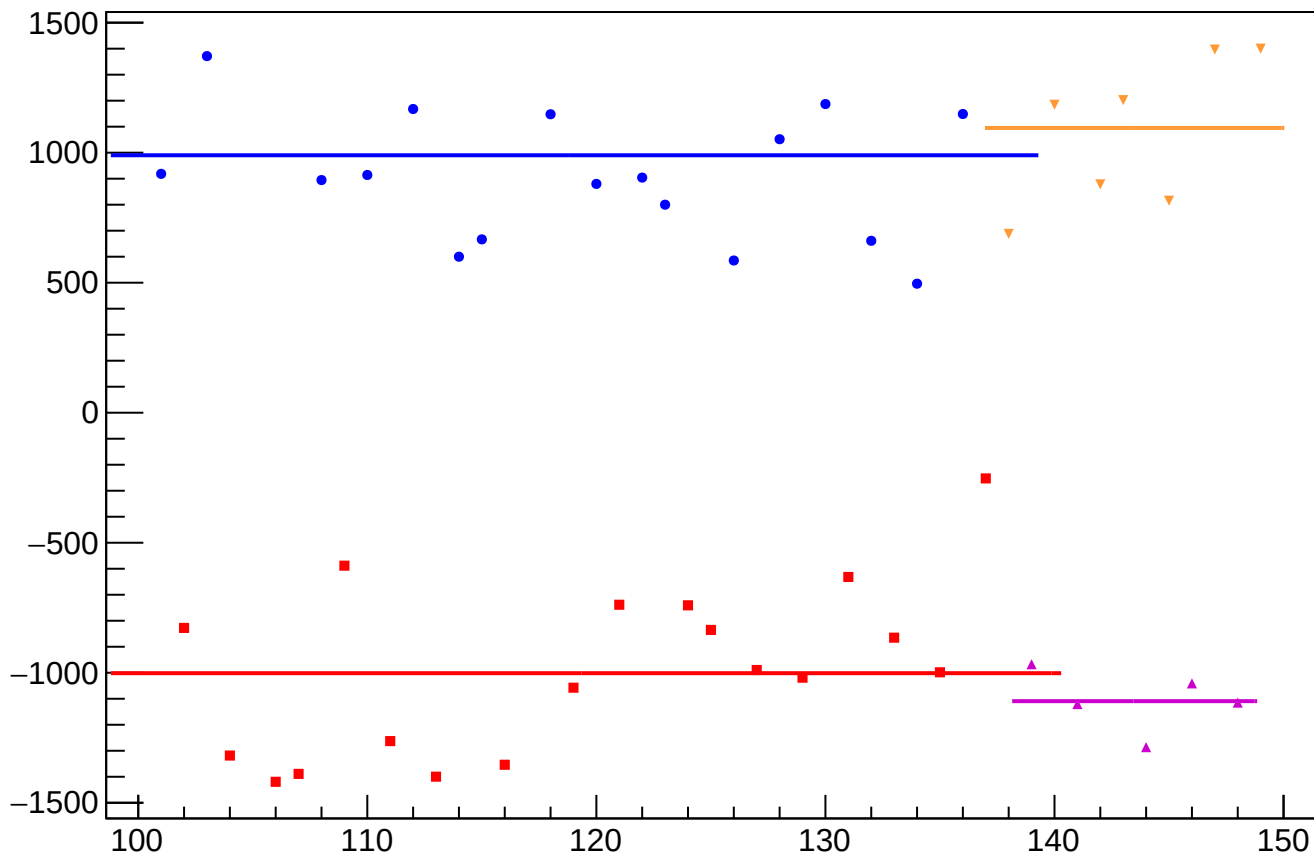
Right In: 1612.346+/-0.000 χ^2/NDF : 6578565632222822389389916952029424517120.0/16
 Left Out: 437.073+/-0.000 χ^2/NDF : 43272141426538422197901677048371347456.0/6
 Right Out: -1299.611+/-0.000 χ^2/NDF : 6468181068576271058681439598083982753792.0/17
 Left In: -563.184+/-0.000 χ^2/NDF : 21115918412887978001950794099351093248.0/4
 All: 75.214+/-0.000 χ^2/NDF : 1634151399147

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



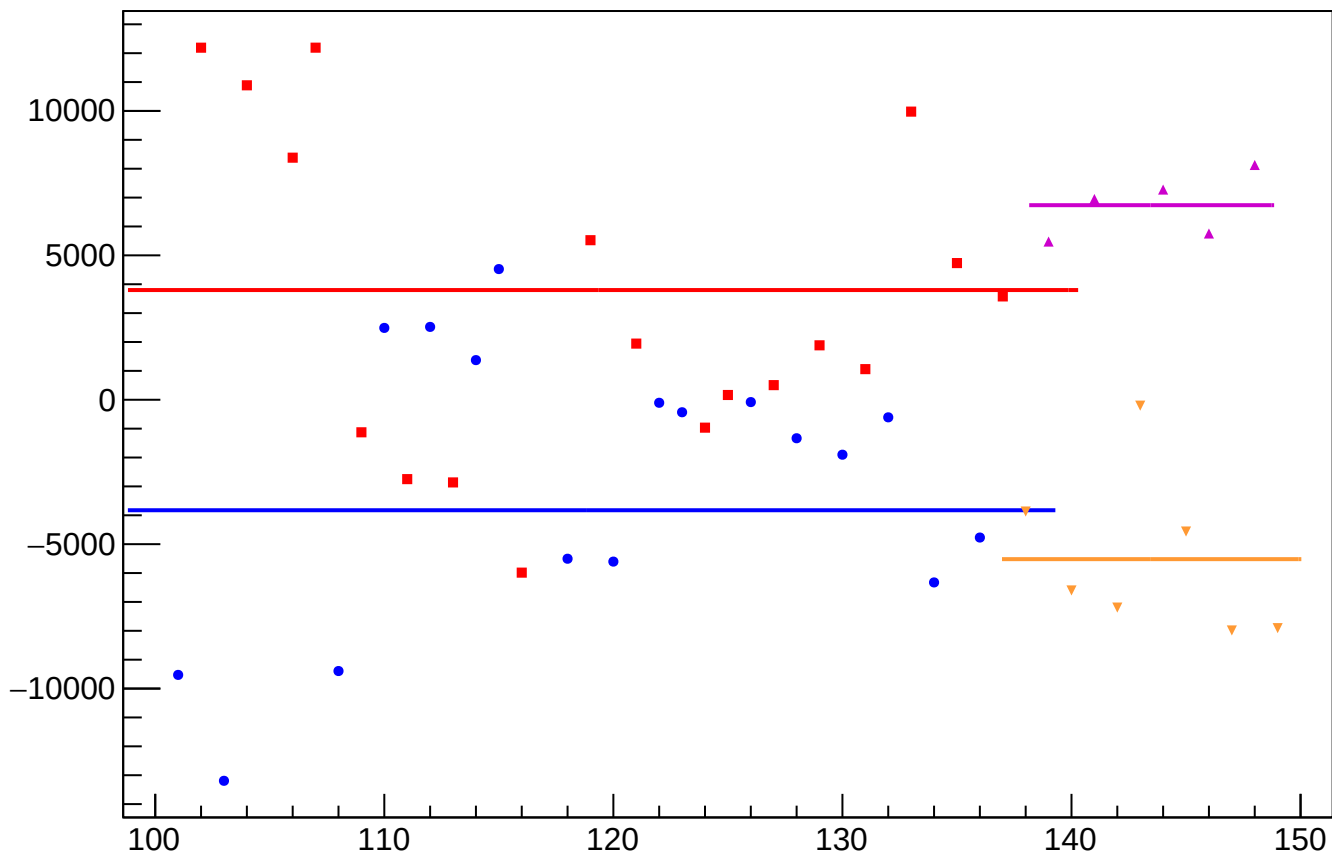
Left: 4.744 +/- 0.000 χ^2/NDF : 220333356024901393
 Right In: 597.382 +/- 0.000 χ^2/NDF : 808468639420281882930484113186400239616.0/16
 Right: -285.870 +/- 0.000 χ^2/NDF : 50680370930109
 Left Out: 140.038 +/- 0.000 χ^2/NDF : 776433634207513197898050015198183424.0/6
 In: 311.093 +/- 0.000 χ^2/NDF : 95934569640730276
 Right Out: -1143.180 +/- 0.000 χ^2/NDF : 3192644561132334907368616853810301632512.0/17
 Out: -607.113 +/- 0.000 χ^2/NDF : 368526303998081
 Left In: -159.724 +/- 0.000 χ^2/NDF : 451806843496463917956028110664105984.0/4
 All: -169.947 +/- 0.000 χ^2/NDF : 51375381490

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16
 Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -3825.392+/-0.000

Left Out: -5518.757+/-0.000

Right Out: 3798.528+/-0.000

Left In: 6737.101+/-0.000

χ^2/NDF : 15445294605440071214640081166471362772992.0/16

χ^2/NDF : 3356565467977384609796445737226126491648.0/6

χ^2/NDF : 21131316959829635023813459777790997954560.0/17

χ^2/NDF : 401108426700658621590620524292742316032.0/4

Left: 12.764+/-0.000 χ^2/NDF : 38535755146212074

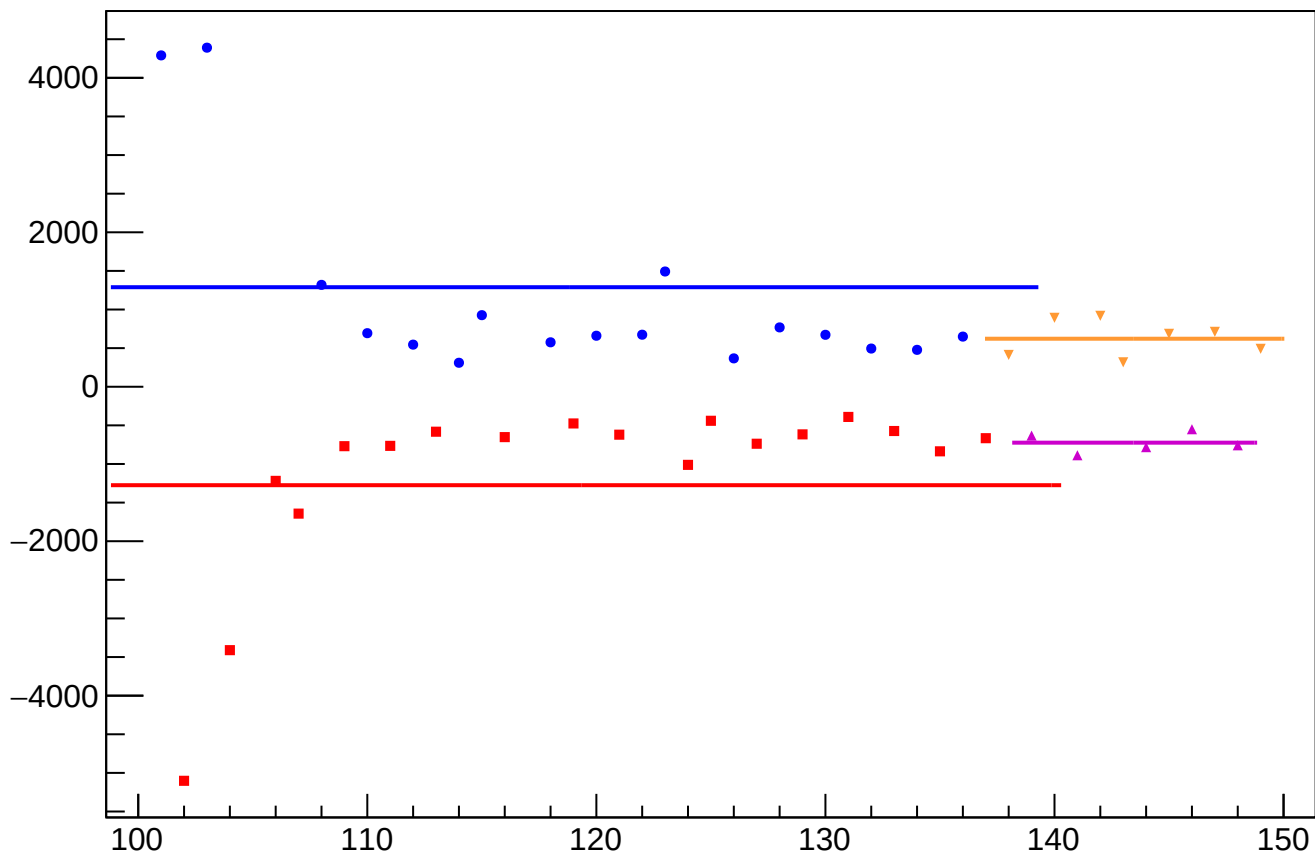
Right: 43.382+/-0.000 χ^2/NDF : 5704630071660789

In: 168.669+/-0.000 χ^2/NDF : 45124349660173652

Out: -93.790+/-0.000 χ^2/NDF : 5041795879652095

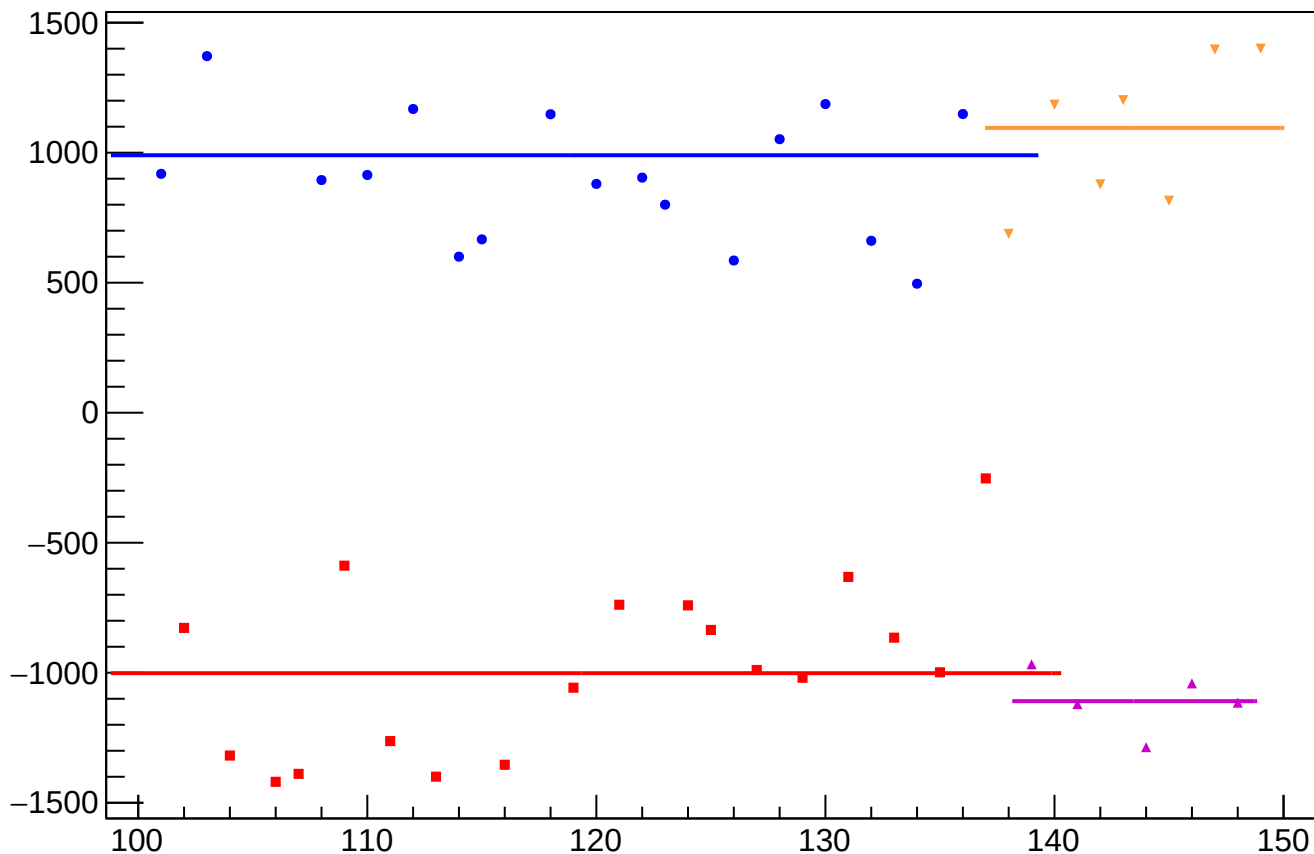
All: 31.169+/-0.000 χ^2/NDF : 9558258275367

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1288.972+/-0.000 χ^2/NDF : 1352910763882575479104094227028785496064.0/16
 Left Out: 621.873+/-0.000 χ^2/NDF : 22121728688962108216104017142917103616.0/6
 Right Out: -1274.734+/-0.000 χ^2/NDF : 1316265489507064730168544372361657319424.0/17
 Left In: -724.100+/-0.000 χ^2/NDF : 5849270545165114477019463313417830400.0/4
 All: -1.466+/-0.000 χ^2/NDF : 5431678709559

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

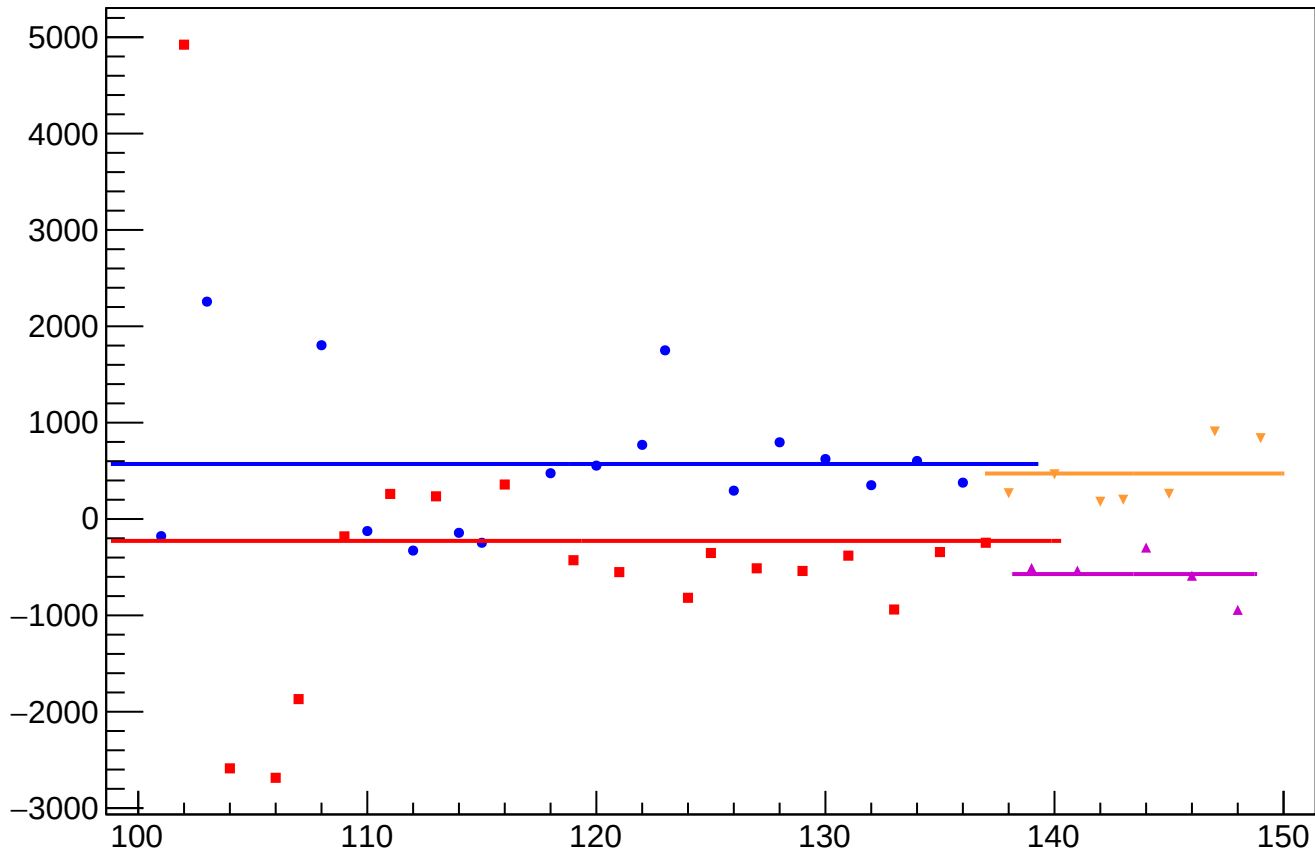
Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6

Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 571.105+/-0.000

χ^2/NDF : 348676559810482432881112105158952615936.0/16

Left Out: 472.154+/-0.000

χ^2/NDF : 41780845826552176298930287653395890176.0/6

Right Out: -227.021+/-0.000

χ^2/NDF : 2178465037537899335461890002061994491904.0/17

Left In: -571.147+/-0.000

χ^2/NDF : 18786735961141089680771028245347827712.0/4

Left: 1.274+/-0.000 χ^2/NDF : 312589083557480474

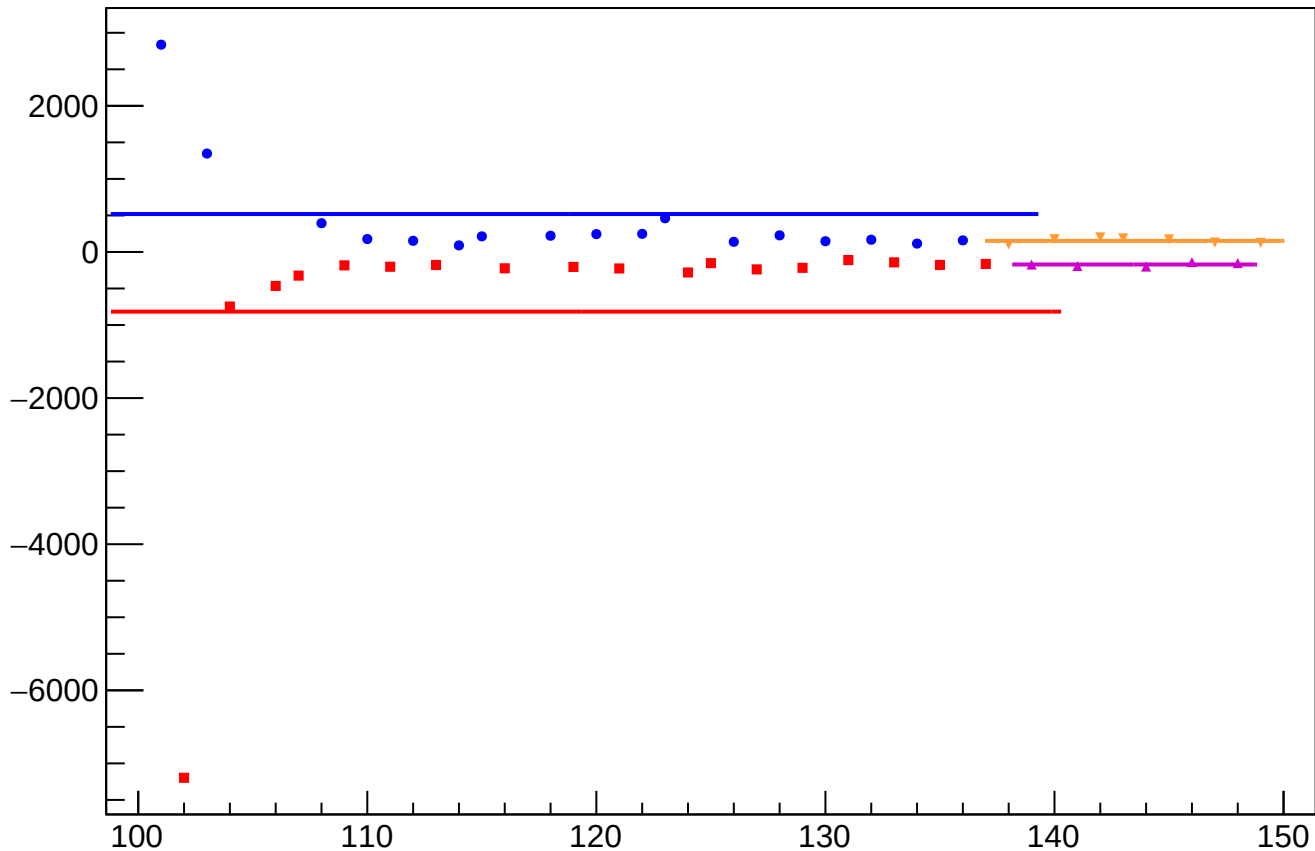
Right: 166.094+/-0.000 χ^2/NDF : 275147675740280

In: 139.178+/-0.000 χ^2/NDF : 70986125411259784

Out: 65.061+/-0.000 χ^2/NDF : 23662609291853351

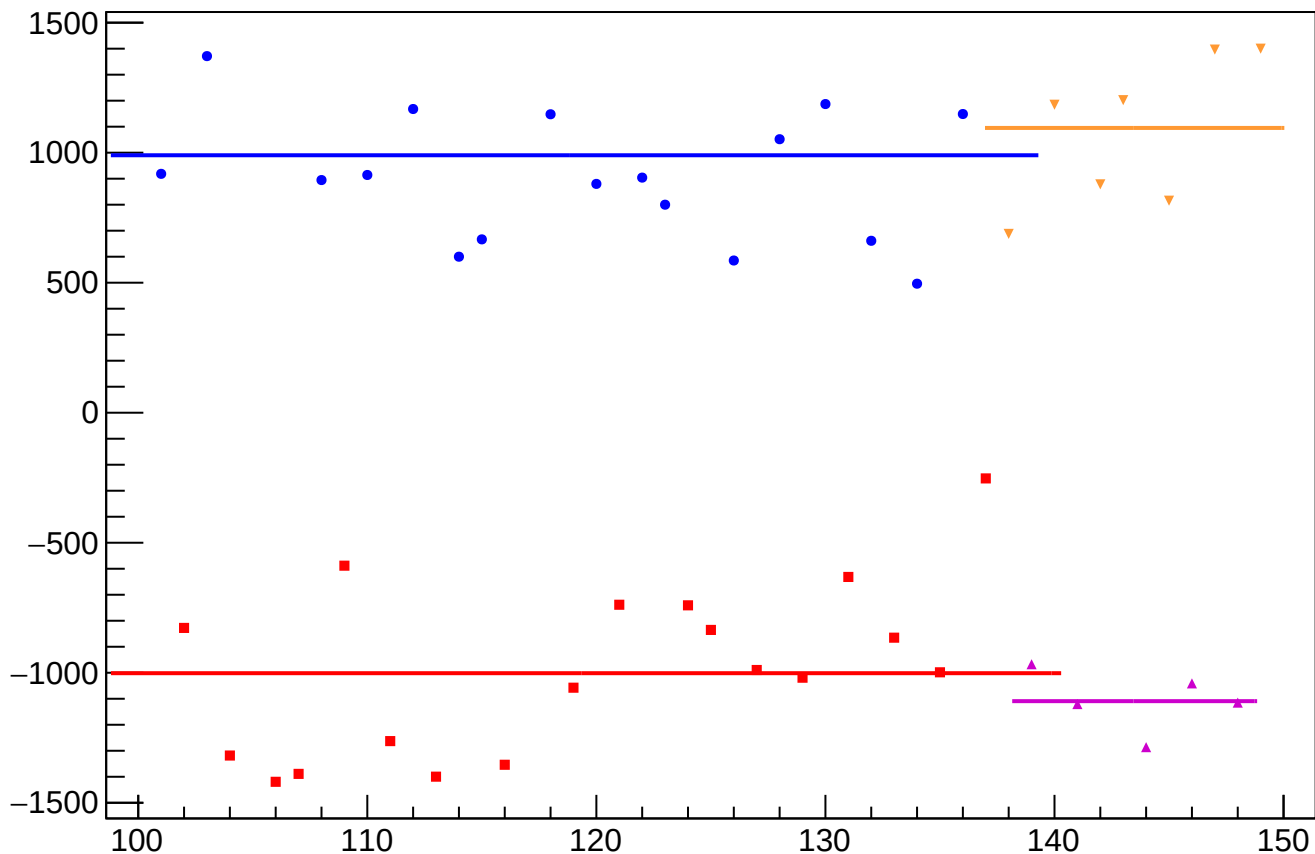
All: 100.349+/-0.000 χ^2/NDF : 307933392179

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 519.063+/-0.000 χ^2/NDF : 420187131793740379632134790837132328960.0/16
 Left Out: 151.898+/-0.000 χ^2/NDF : 545199527544610537782913782605938688.0/6
 Right Out: -816.445+/-0.000 χ^2/NDF : 2586841774338234136799977462346624794624.0/17
 Left In: -171.356+/-0.000 χ^2/NDF : 225490193359661846627149427268124672.0/4
 All: -92.968+/-0.000 χ^2/NDF : 367535615627

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

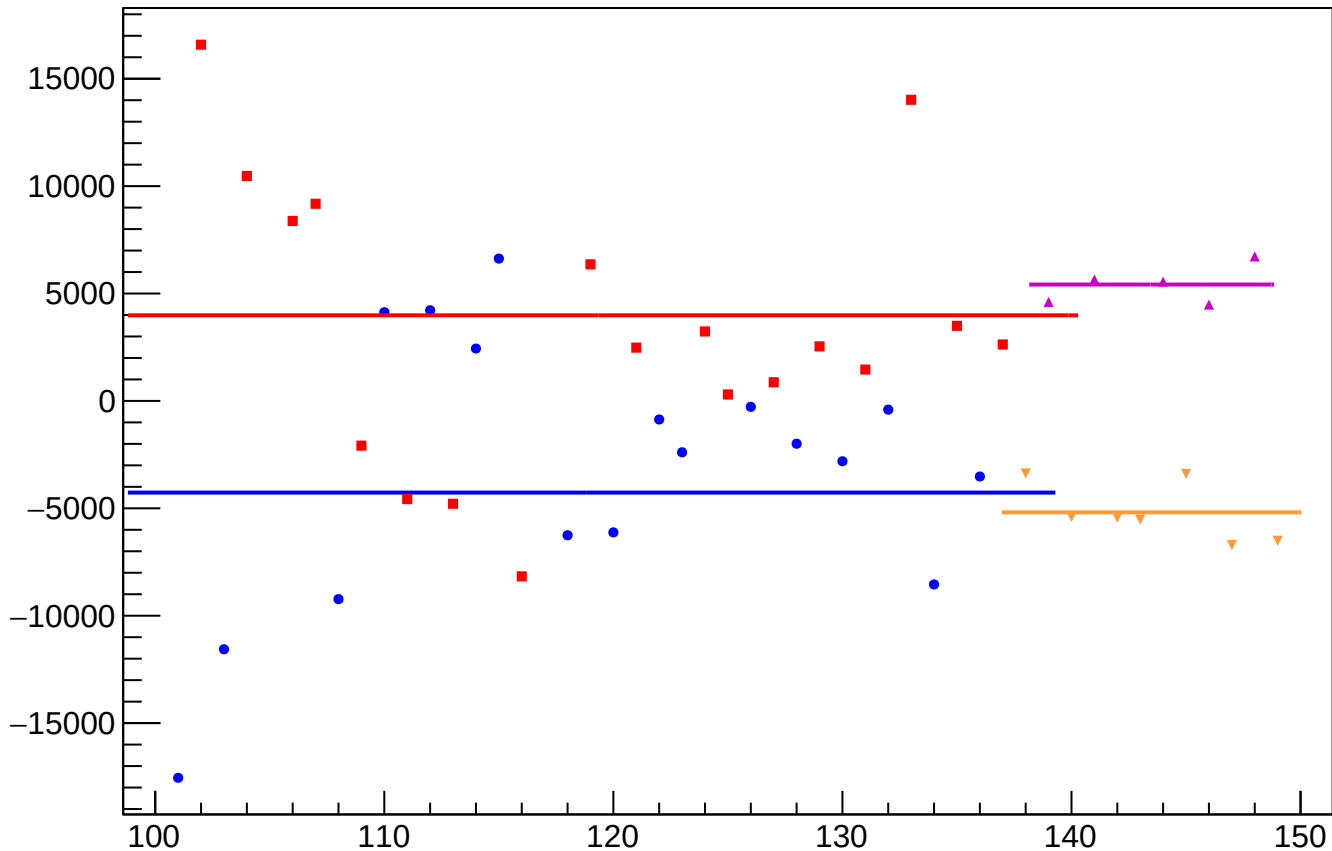
Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6

Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4266.932+/-0.000

χ^2/NDF : 25403959108162984315551486343624496513024.0/16

Left Out: -5186.837+/-0.000

χ^2/NDF : 847503977514602150601214694630103187456.0/6

Right Out: 3985.866+/-0.000

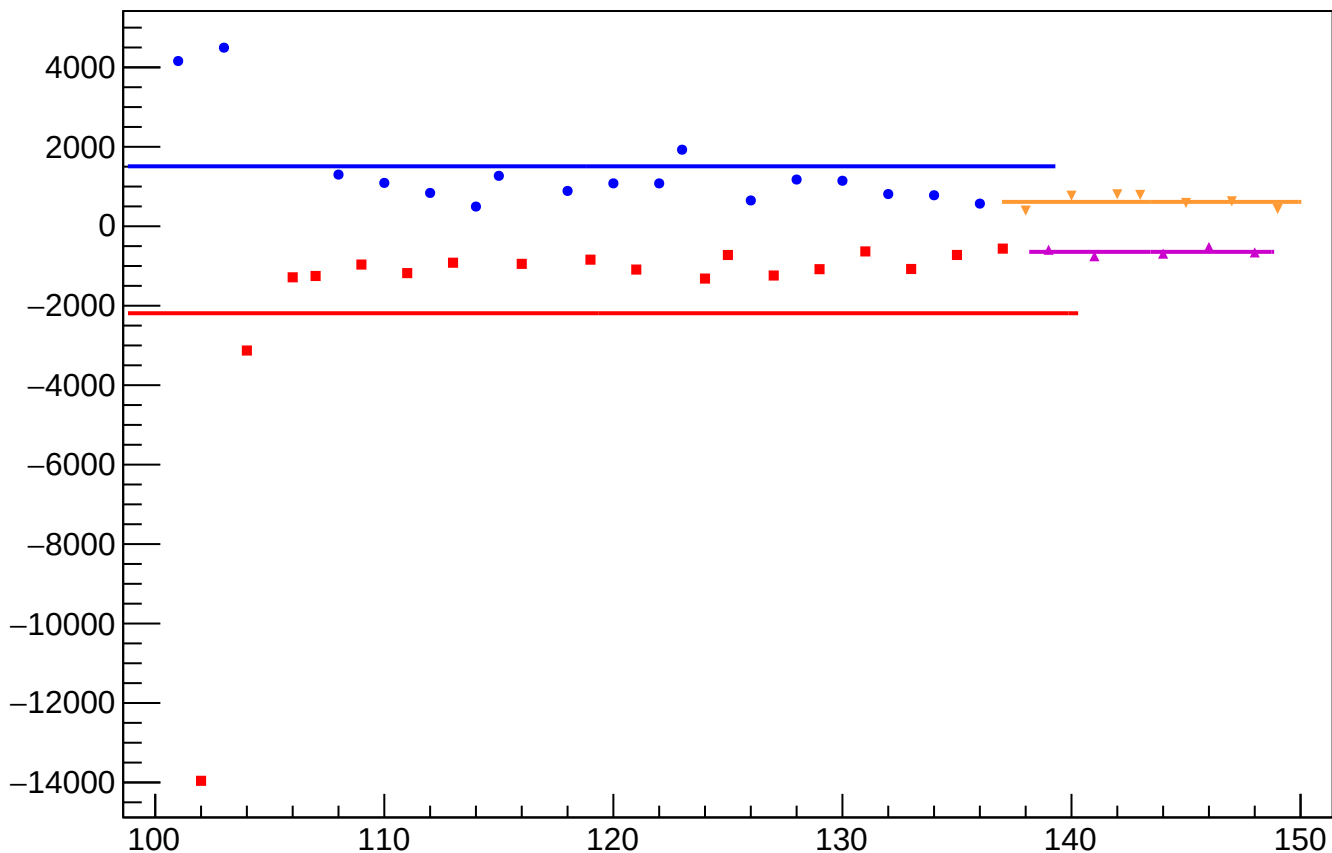
χ^2/NDF : 31378292211366162940134938718336985333760.0/17

Left In: 5418.218+/-0.000

χ^2/NDF : 275783870354560350129168008734446714880.0/4

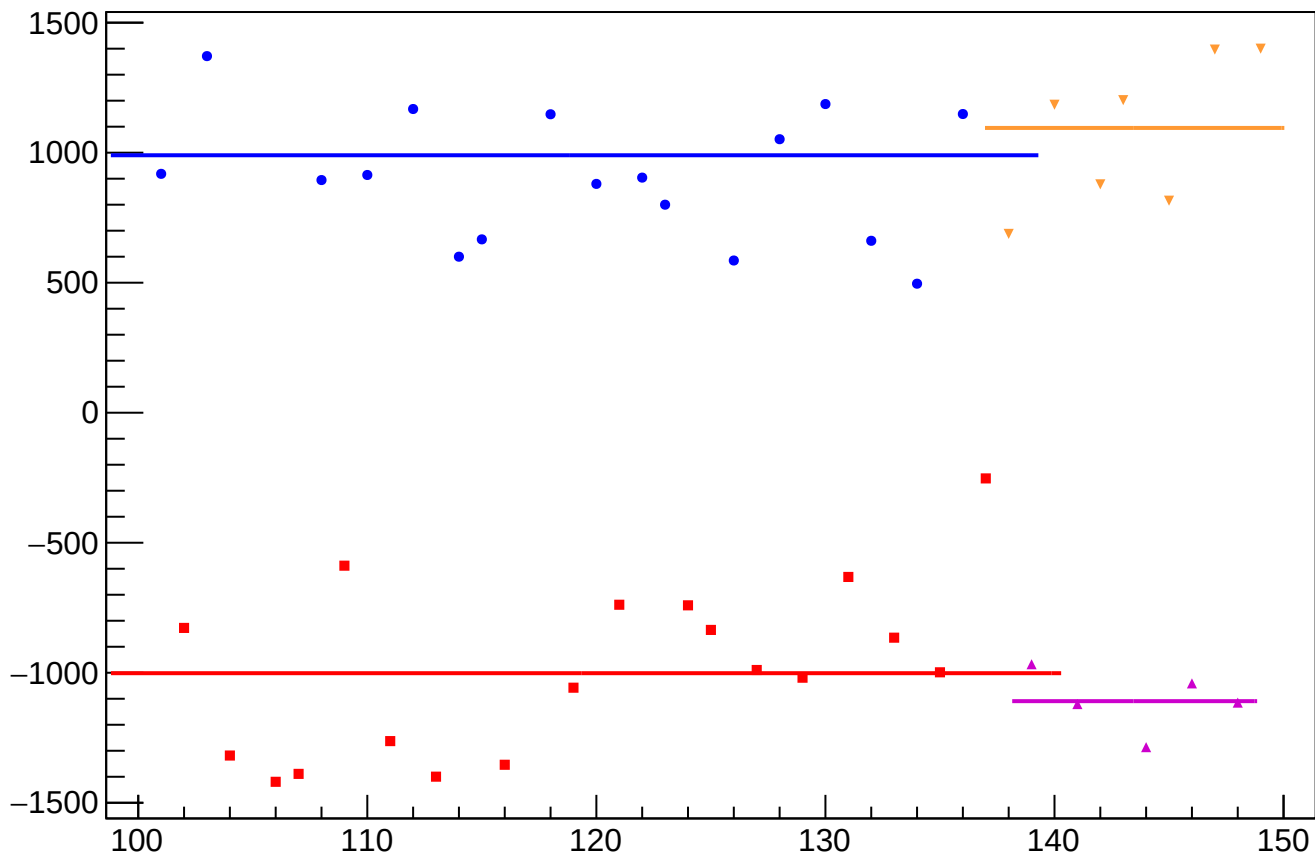
All: -207.217+/-0.000 χ^2/NDF : 10798971643

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



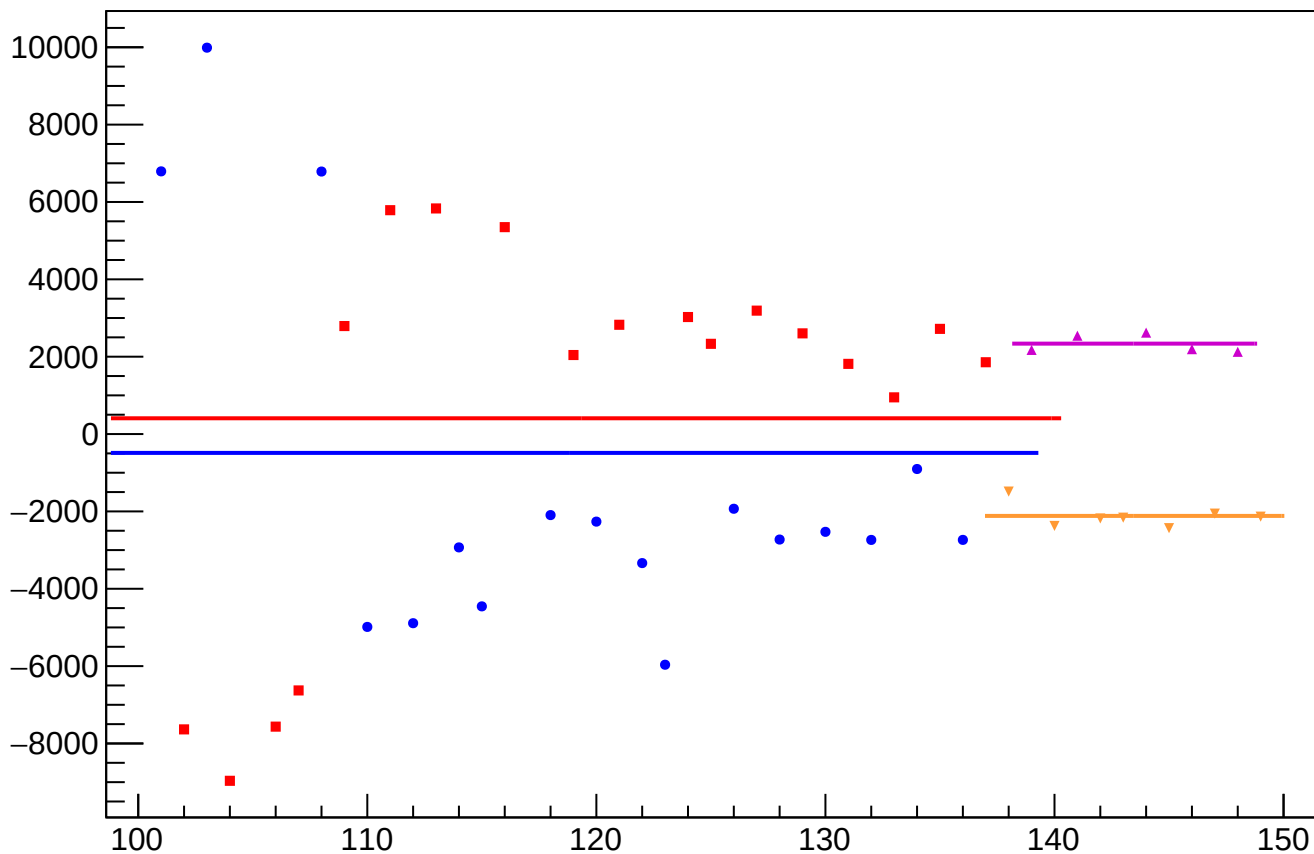
Right In: 1509.121+/-0.000 χ^2/NDF : 1169972089698319936649693761541425332224.0/16
 Left Out: 613.745+/-0.000 χ^2/NDF : 12364816571780801052215185284995743744.0/6
 Right Out: -2189.301+/-0.000 χ^2/NDF : 8986539063289018670432989988372162281472.0/17
 Left In: -644.112+/-0.000 χ^2/NDF : 2726380081303812165520546037694988288.0/4
 All: -202.638+/-0.000 χ^2/NDF : 15451239834

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000	χ^2/NDF : 36894248833595574425684746704003268608.0/16	Left: 100.250+/-0.000	χ^2/NDF : 1167464095804885
Left Out: 1095.177+/-0.000	χ^2/NDF : 37525535198494496903321257400567070720.0/6	Right: -20.633+/-0.000	χ^2/NDF : 149538797073234
Right Out: -1001.684+/-0.000	χ^2/NDF : 61351571695254109773751672489010790400.0/17	In: 196.272+/-0.000	χ^2/NDF : 11982709975199593
Left In: -1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4	Out: -125.715+/-0.000	χ^2/NDF : 141217863771531
		All: 27.586+/-0.000	χ^2/NDF : 2671064992393

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -487.313+/-0.000

χ^2/NDF : 15477070218746492867636387900929916010496.0/16

Left Out: -2116.231+/-0.000

χ^2/NDF : 44834266771420666778559322916921540608.0/6

Right Out: 407.637+/-0.000

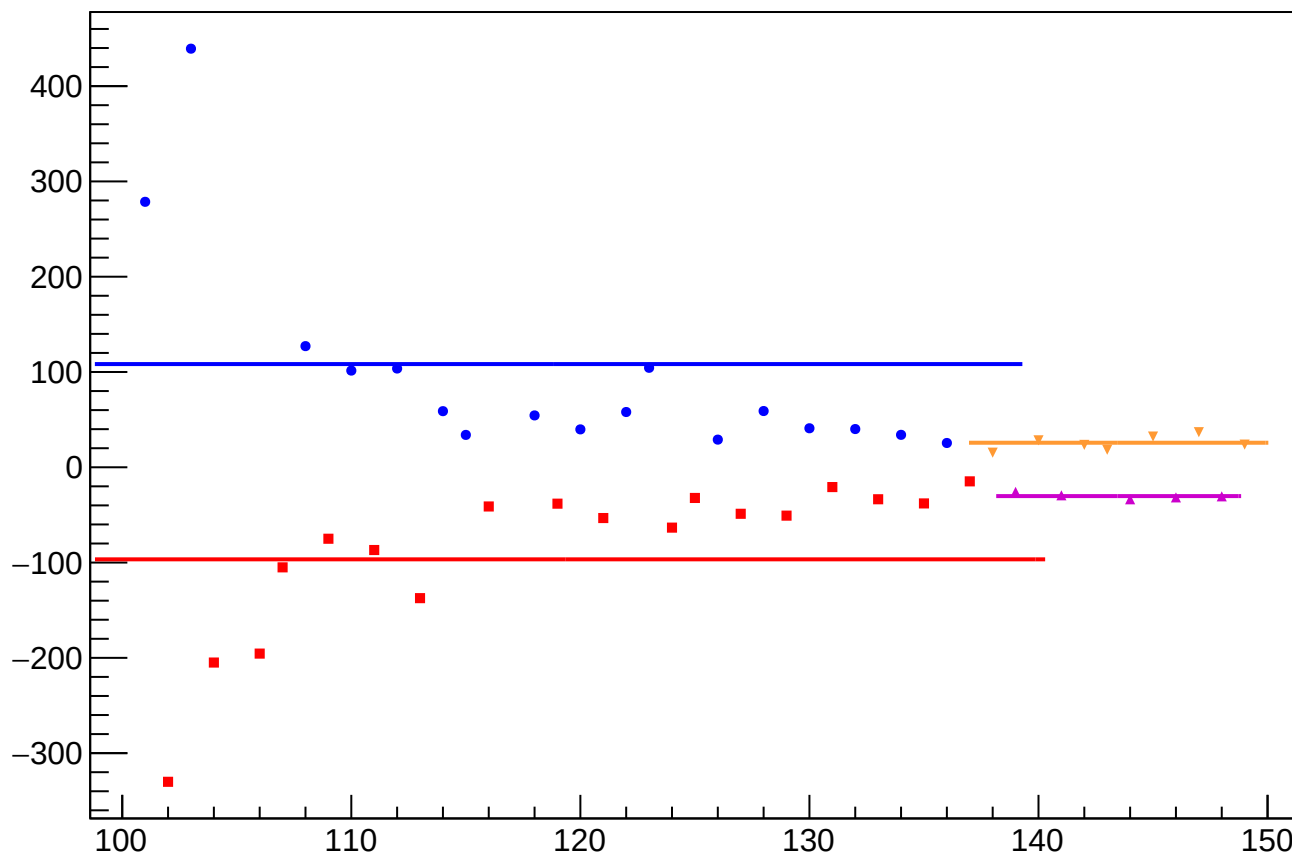
χ^2/NDF : 17046160329483633481850056075702270164992.0/17

Left In: 2337.661+/-0.000

χ^2/NDF : 18363828526433246497004906077122199552.0/4

All: -62.231+/-0.000 χ^2/NDF : 374644901291

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 108.310+/-0.000

χ^2/NDF : 10240592139421231918957200369451532288.0/16

Left Out: 25.762+/-0.000

χ^2/NDF : 26023563037446829387690165833564160.0/6

Right Out: -96.612+/-0.000

χ^2/NDF : 5525873832888071130304914389362278400.0/17

Left In: -30.239+/-0.000

χ^2/NDF : 2814167187012149891420177479761920.0/4

Left: 0.487+/-0.000 χ^2/NDF : 754958942330035250

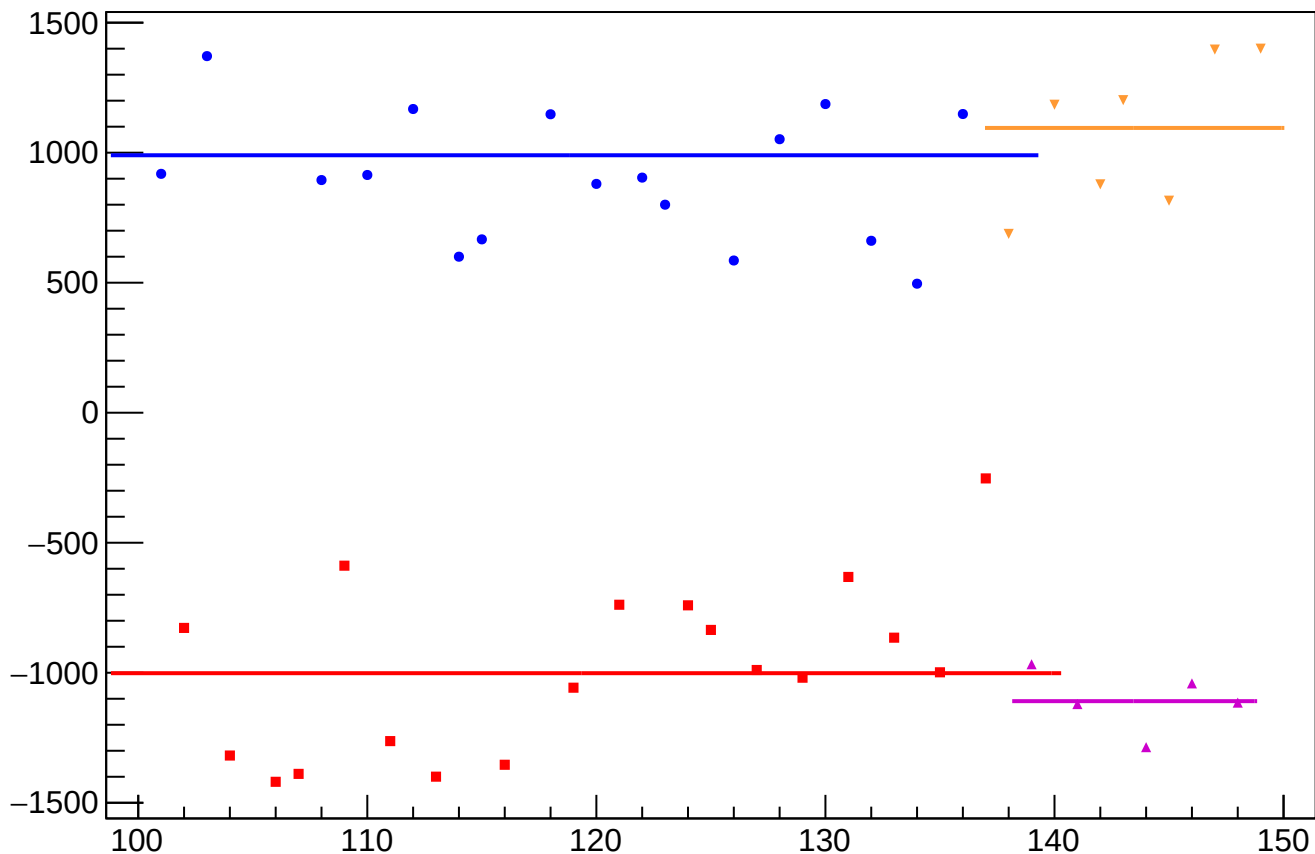
Right: 4.322+/-0.000 χ^2/NDF : 30555207658699099

In: 55.920+/-0.000 χ^2/NDF : 152808643109690549

Out: -45.490+/-0.000 χ^2/NDF : 1002496806646754

All: 2.792+/-0.000 χ^2/NDF : 31318431776897

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

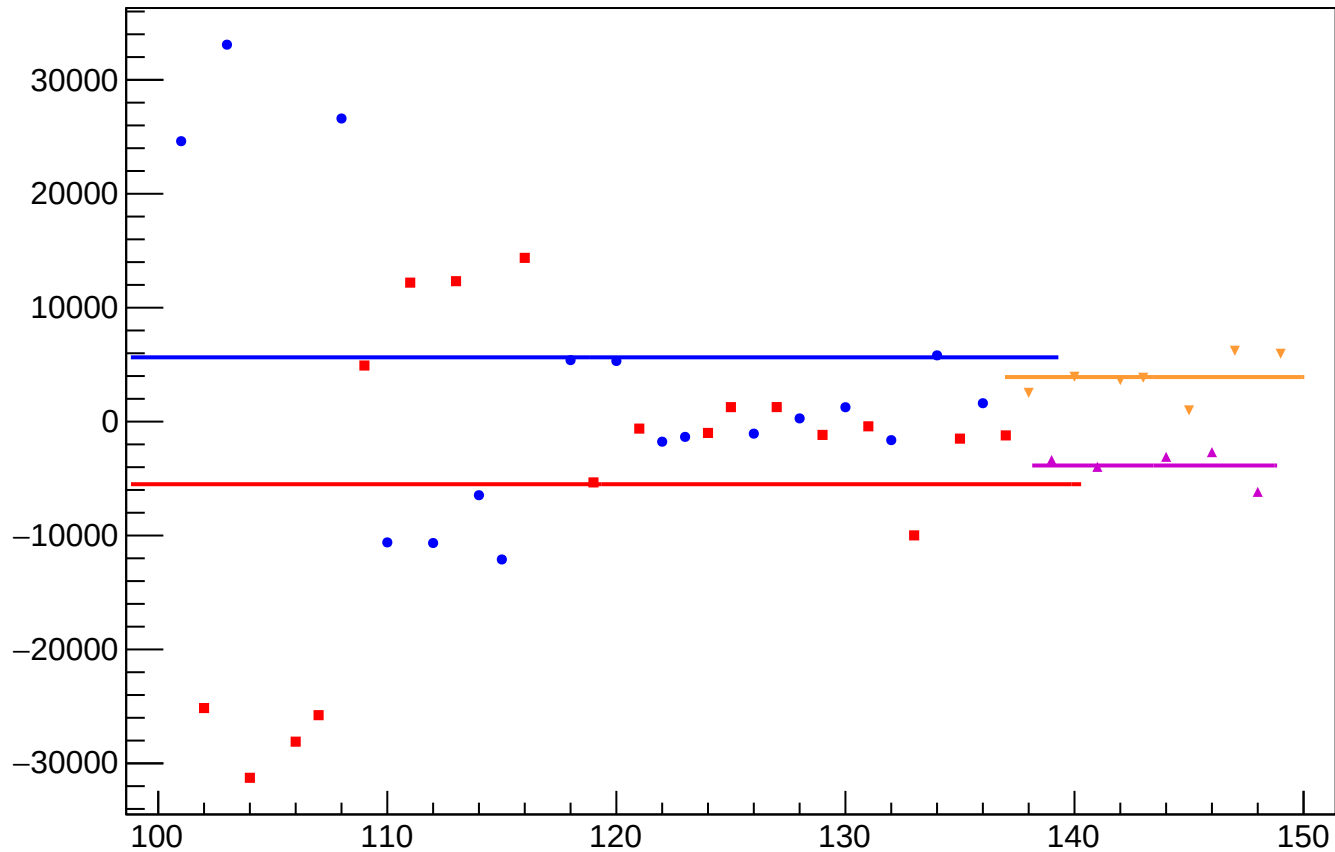
Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6

Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

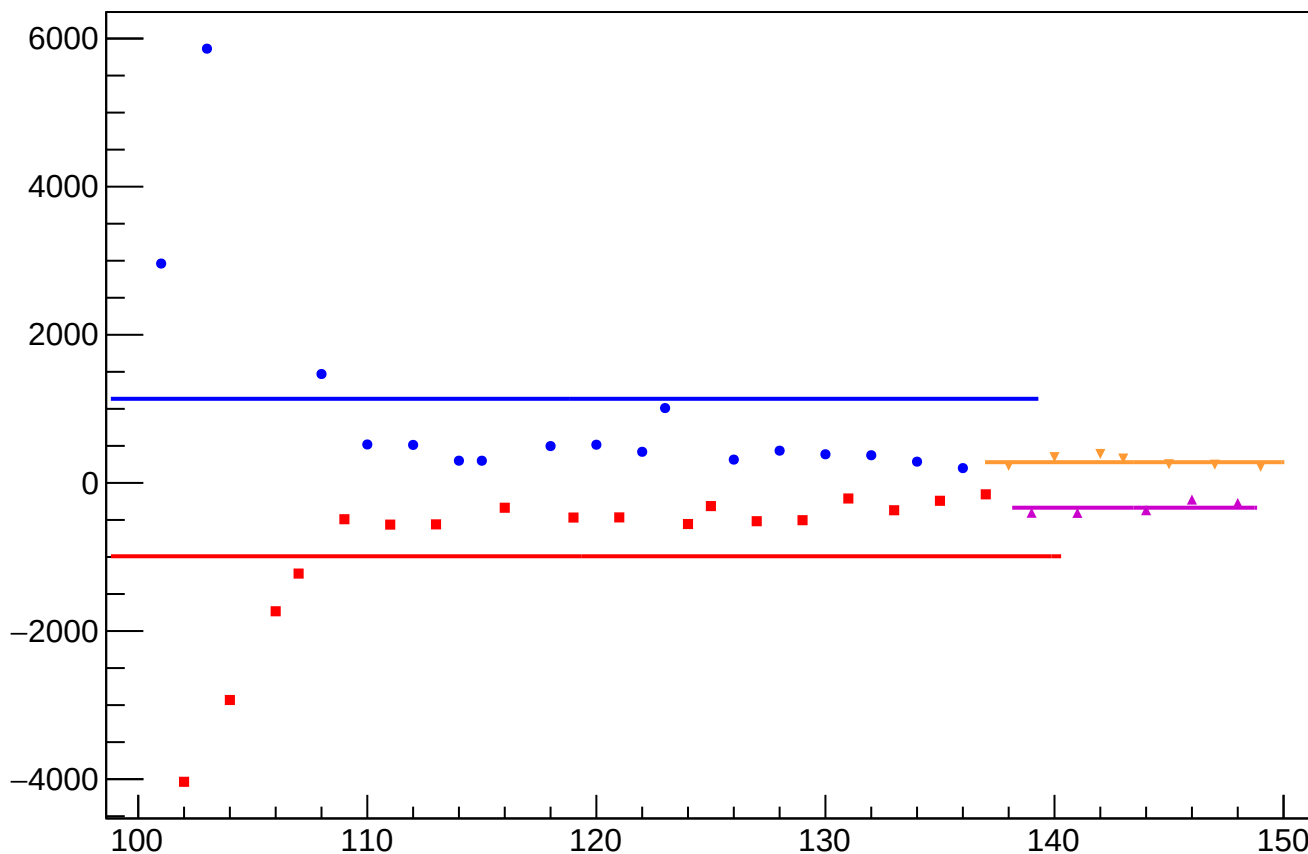
All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_sam2_coil6_mean vs Slug, Sign Corrected



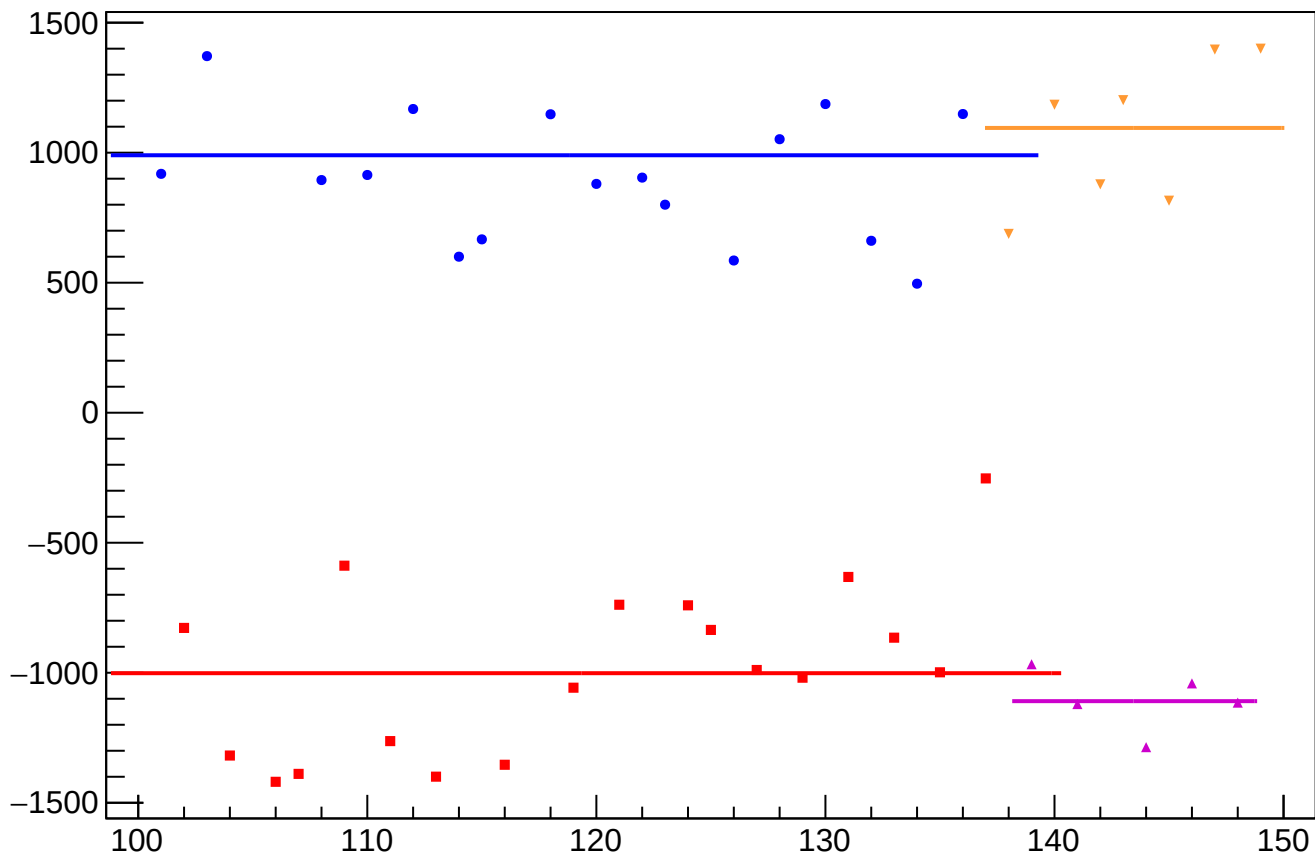
Right In: 5643.213+/-0.000 χ^2/NDF : 120843746110128548402153277612724047577088.0/16
 Left Out: 3911.637+/-0.000 χ^2/NDF : 1588319339621503905190452380430799732736.0/6
 Right Out: -5495.452+/-0.000 χ^2/NDF : 139584988563962510194230278268369577705472.0/17
 Left In: -3852.061+/-0.000 χ^2/NDF : 635369703944480909138920213215004590080.0/4
 All: 157.100+/-0.000 χ^2/NDF : 320399748095

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



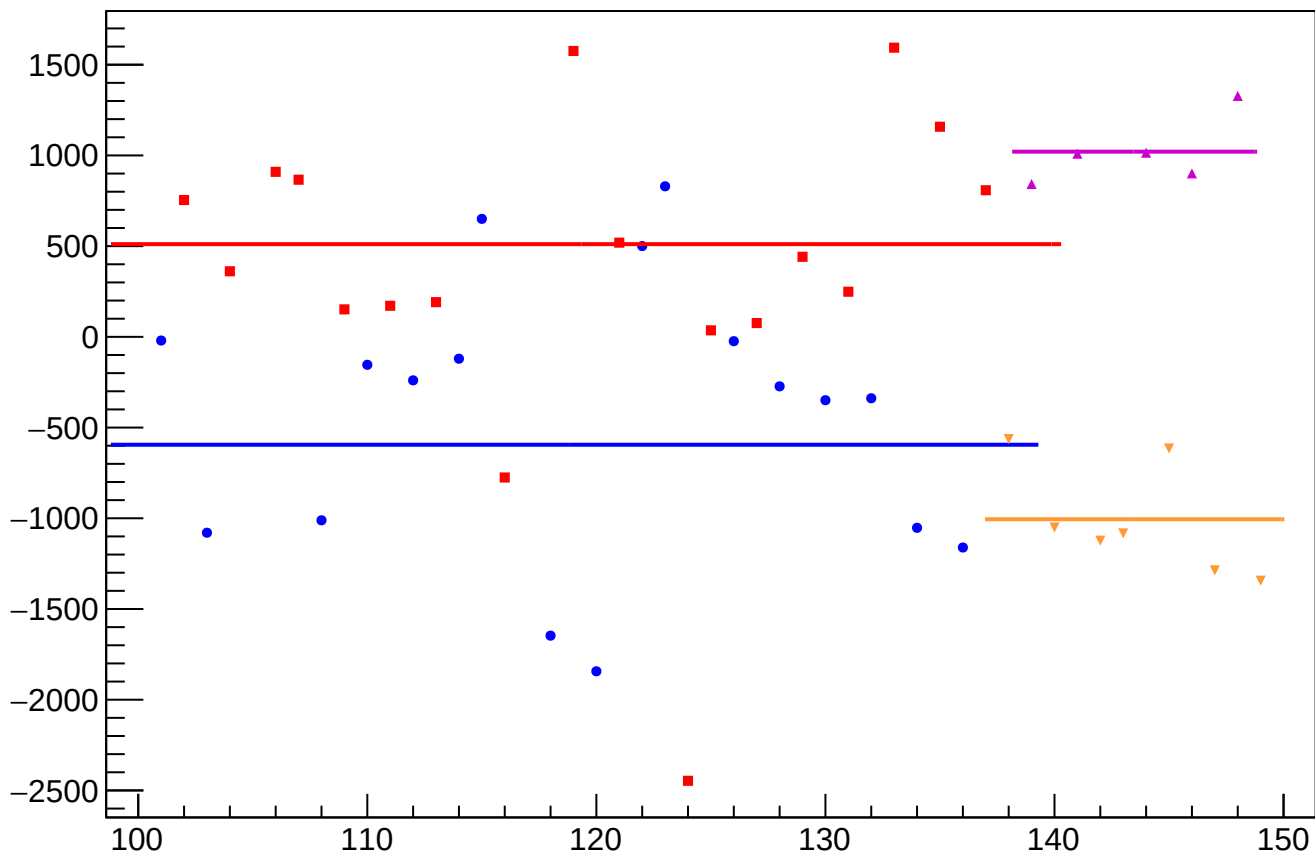
Left: 2.454 +/- 0.000 χ^2/NDF : 914111891886996924
 Right: 56.800 +/- 0.000 χ^2/NDF : 4348454456558688
 In: 579.776 +/- 0.000 χ^2/NDF : 23936703365153465
 Out: -459.857 +/- 0.000 χ^2/NDF : 141593080872220
 All: 35.122 +/- 0.000 χ^2/NDF : 4441525629298

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000	χ^2/NDF : 36894248833595574425684746704003268608.0/16	Left: 100.250+/-0.000	χ^2/NDF : 1167464095804885
Left Out: 1095.177+/-0.000	χ^2/NDF : 37525535198494496903321257400567070720.0/6	Right: -20.633+/-0.000	χ^2/NDF : 149538797073234
Right Out: -1001.684+/-0.000	χ^2/NDF : 61351571695254109773751672489010790400.0/17	In: 196.272+/-0.000	χ^2/NDF : 11982709975199593
Left In: -1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4	Out: -125.715+/-0.000	χ^2/NDF : 141217863771531
	All: 27.586+/-0.000		χ^2/NDF : 2671064992393

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -594.642+/-0.000

χ^2/NDF : 301185427986157798818990027839559958528.0/16

Left Out: -1005.257+/-0.000

χ^2/NDF : 44157505173923936469805274077794926592.0/6

Right Out: 510.991+/-0.000

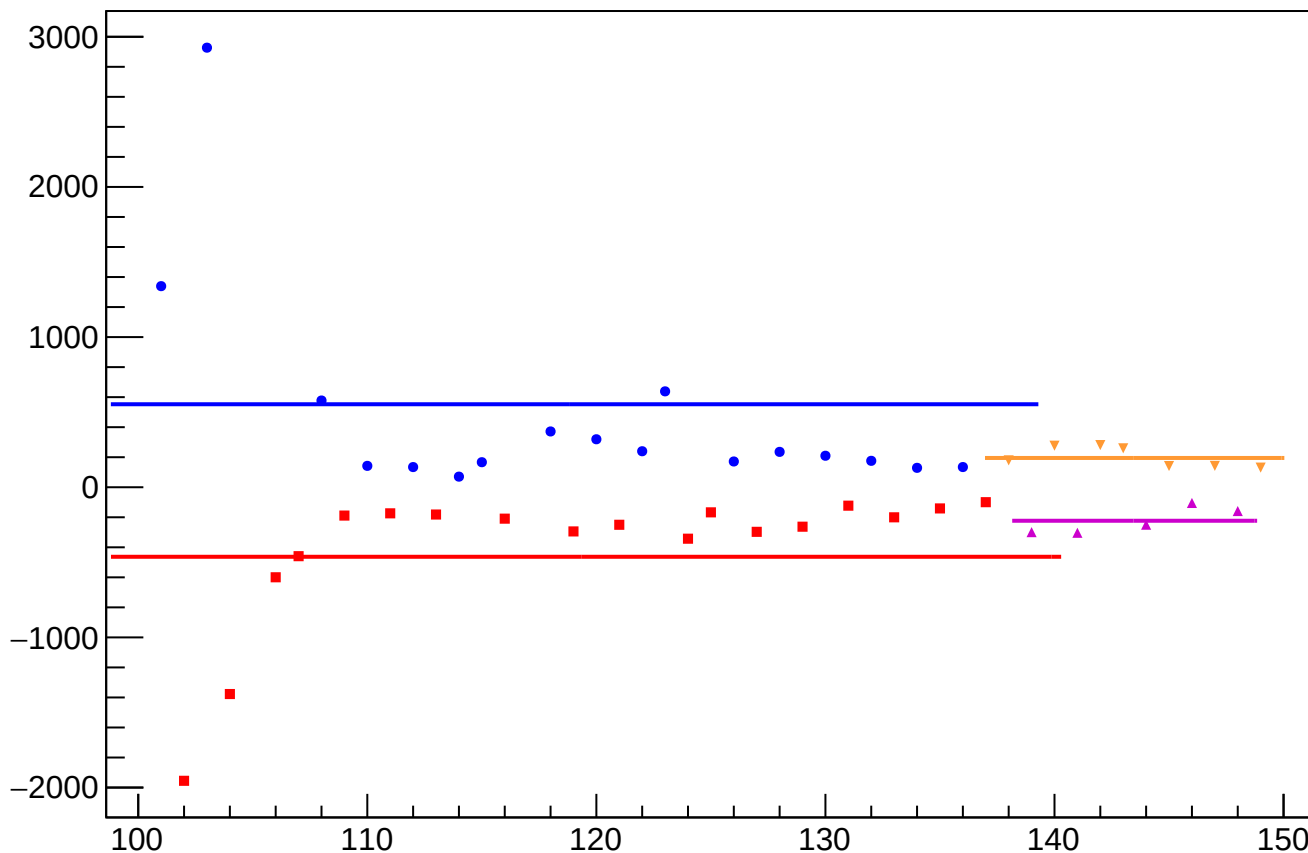
χ^2/NDF : 345692362052681149269006983787007967232.0/17

Left In: 1020.746+/-0.000

χ^2/NDF : 11708770023909419208042711639864115200.0/4

All: -56.427+/-0.000 χ^2/NDF : 208547198814

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 552.756+/-0.000

χ^2/NDF : 438588904166490483585471990950715719680.0/16

Left Out: 195.034+/-0.000

χ^2/NDF : 1970125984843696751794632517484544000.0/6

Right Out: -463.044+/-0.000

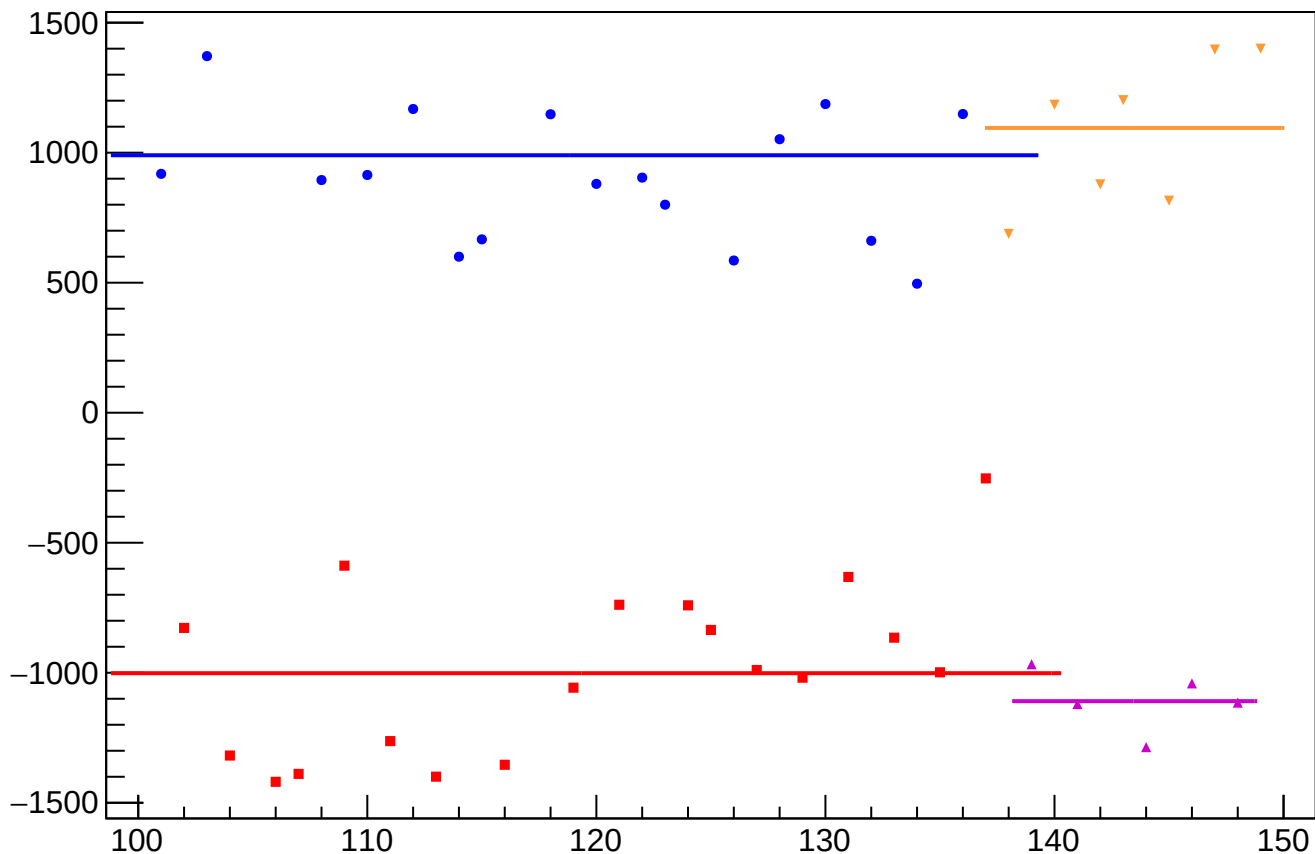
χ^2/NDF : 209305475229629435748794855521804877824.0/17

Left In: -223.175+/-0.000

χ^2/NDF : 2588599766647913757750505811723943936.0/4

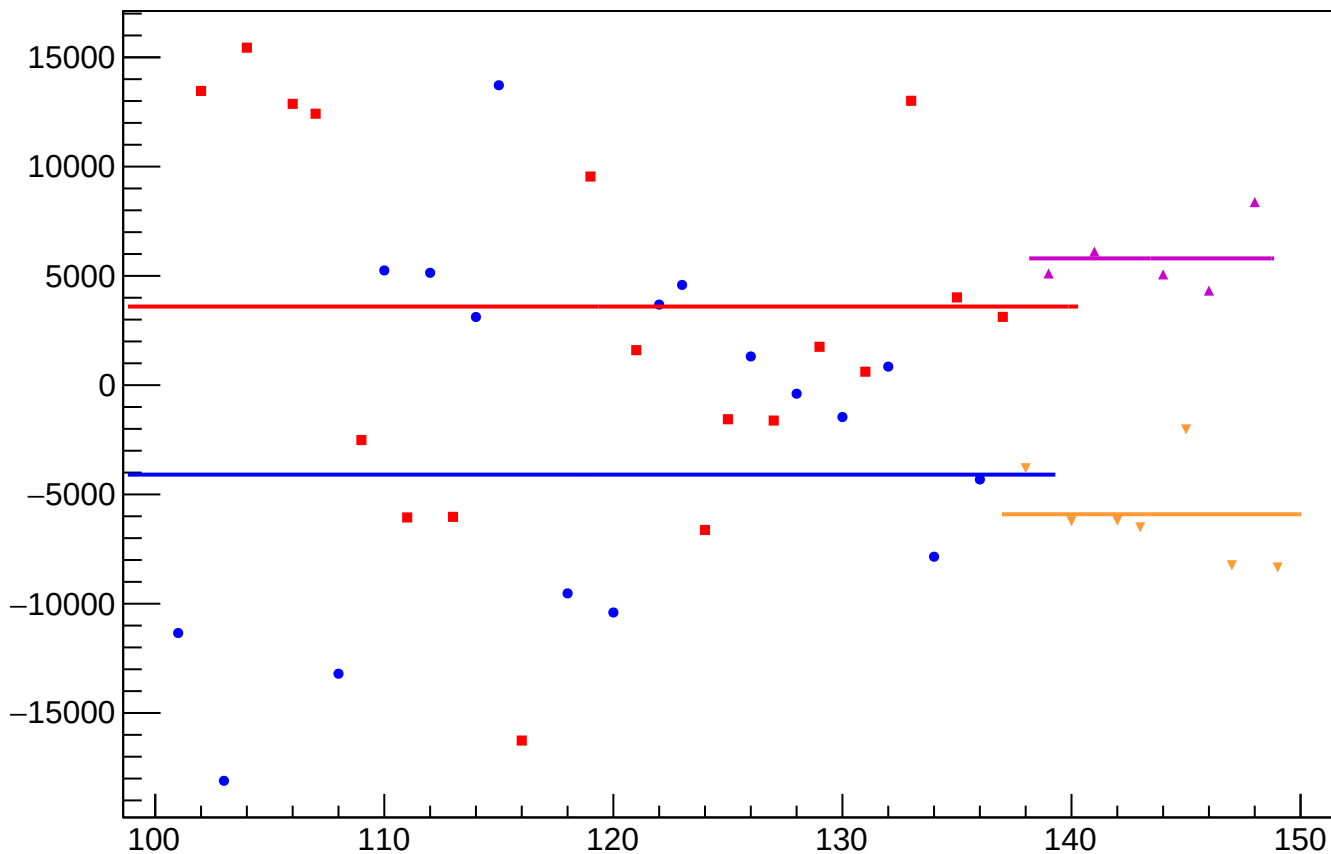
Left: 6.280+/-0.000 χ^2/NDF : 450540390712672651
 Right: 37.286+/-0.000 χ^2/NDF : 1011282781195909
 In: 259.348+/-0.000 χ^2/NDF : 5991763893561388
 Out: -188.131+/-0.000 χ^2/NDF : 340629567875282
 All: 24.918+/-0.000 χ^2/NDF : 1056877125167

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Left: 100.250+/-0.000 χ^2/NDF : 1167464095804885
 Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16
 Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4093.788+/-0.000

Left Out: -5906.201+/-0.000

Right Out: 3597.313+/-0.000

Left In: 5799.773+/-0.000

χ^2/NDF : 38878868284472308051396307871868318121984.0/16

χ^2/NDF : 2480424762988828019860339102938946338816.0/6

χ^2/NDF : 48617231317968827835072936626093341802496.0/17

χ^2/NDF : 832840606960054052372287169236100448256.0/4

Left: -622.863+/-0.000 χ^2/NDF : 350405792689933

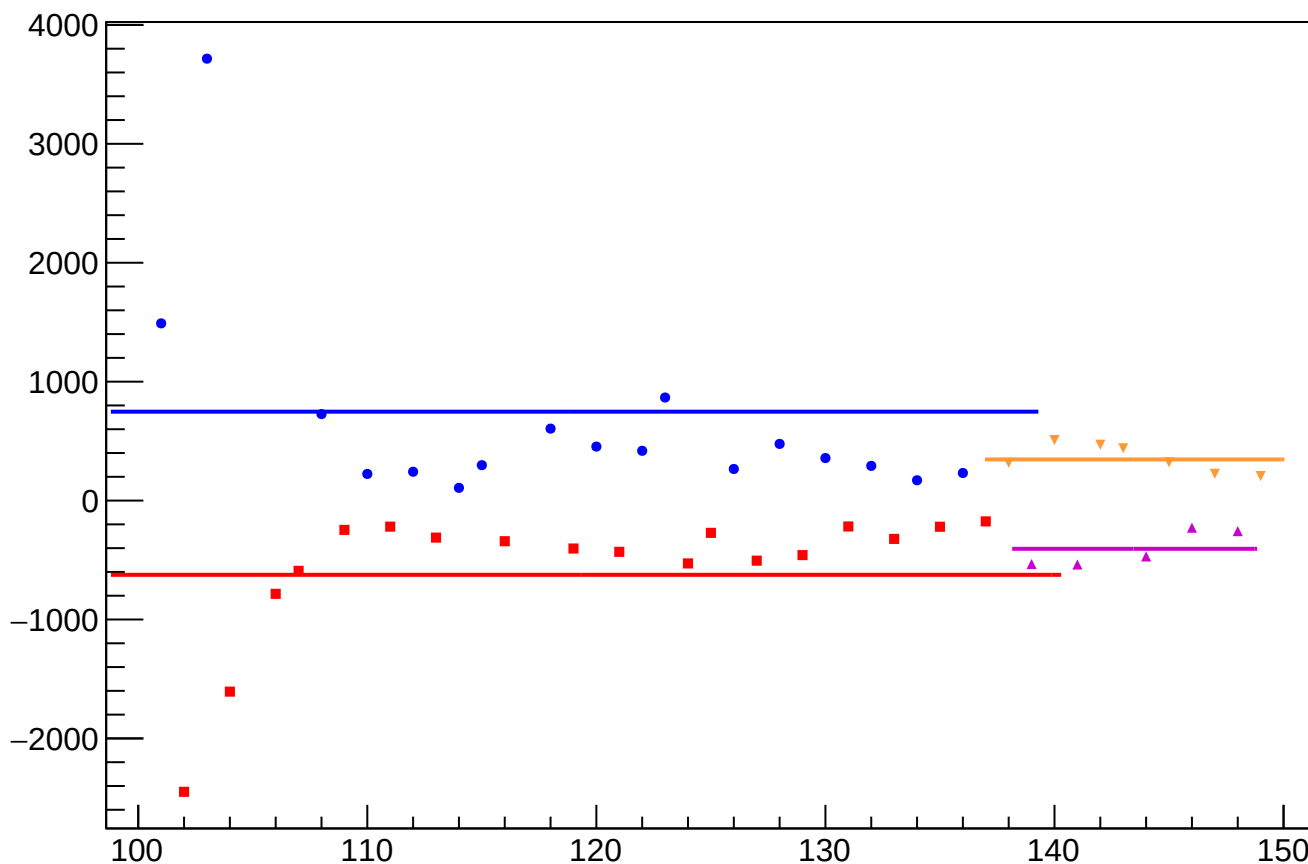
Right: -190.923+/-0.000 χ^2/NDF : 10832812445866

In: -352.674+/-0.000 χ^2/NDF : 6539868322650188

Out: -372.803+/-0.000 χ^2/NDF : 780746443220903

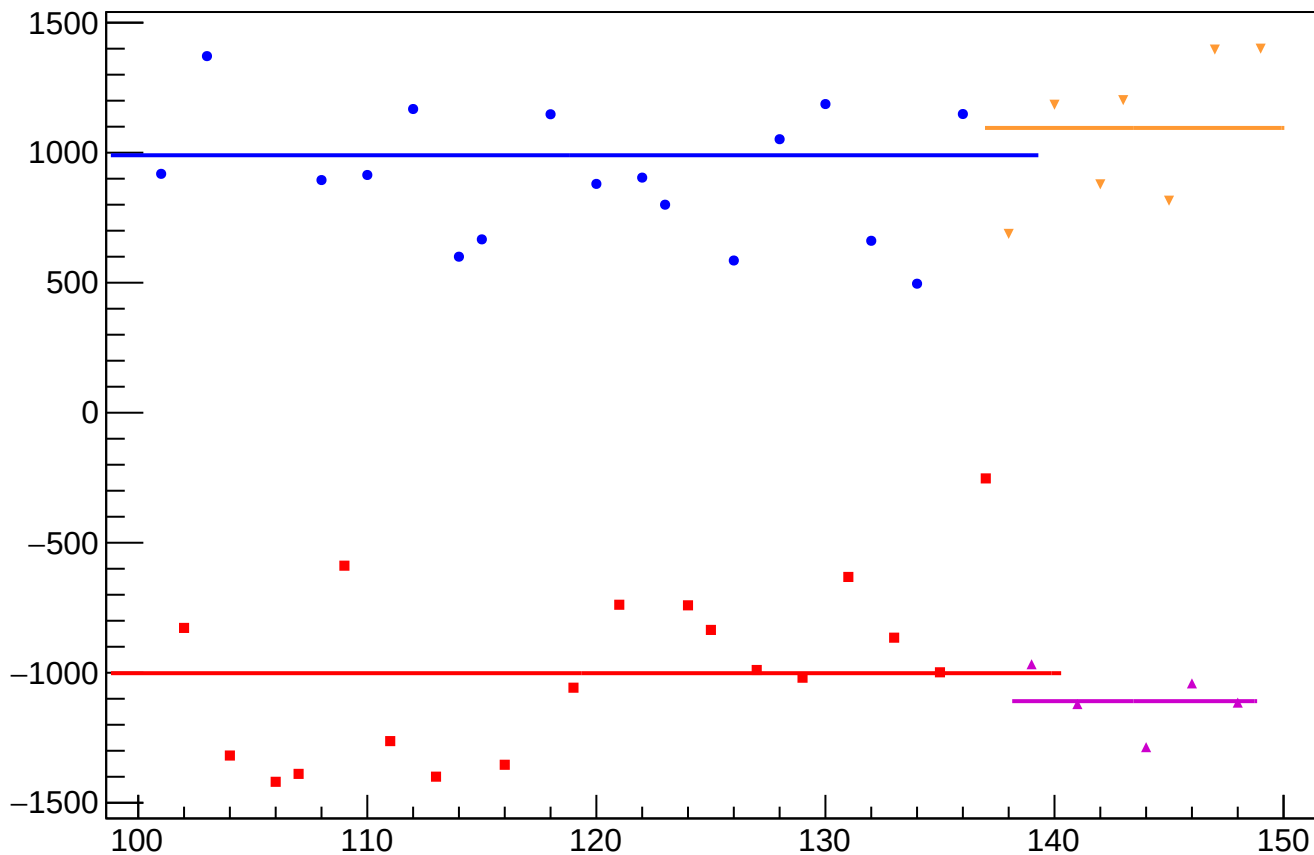
All: -363.220+/-0.000 χ^2/NDF : 14347356444

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 747.700+/-0.000 χ^2/NDF : 650932937994369219214435777270989717504.0/16
 Left Out: 346.039+/-0.000 χ^2/NDF : 6355676915551194262301370889720037376.0/6
 Right Out: -624.223+/-0.000 χ^2/NDF : 296243096292052743688943276873819881472.0/17
 Left In: -405.612+/-0.000 χ^2/NDF : 7640595013531797243508084952558206976.0/4
 All: 33.675+/-0.000 χ^2/NDF : 1755957492638

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

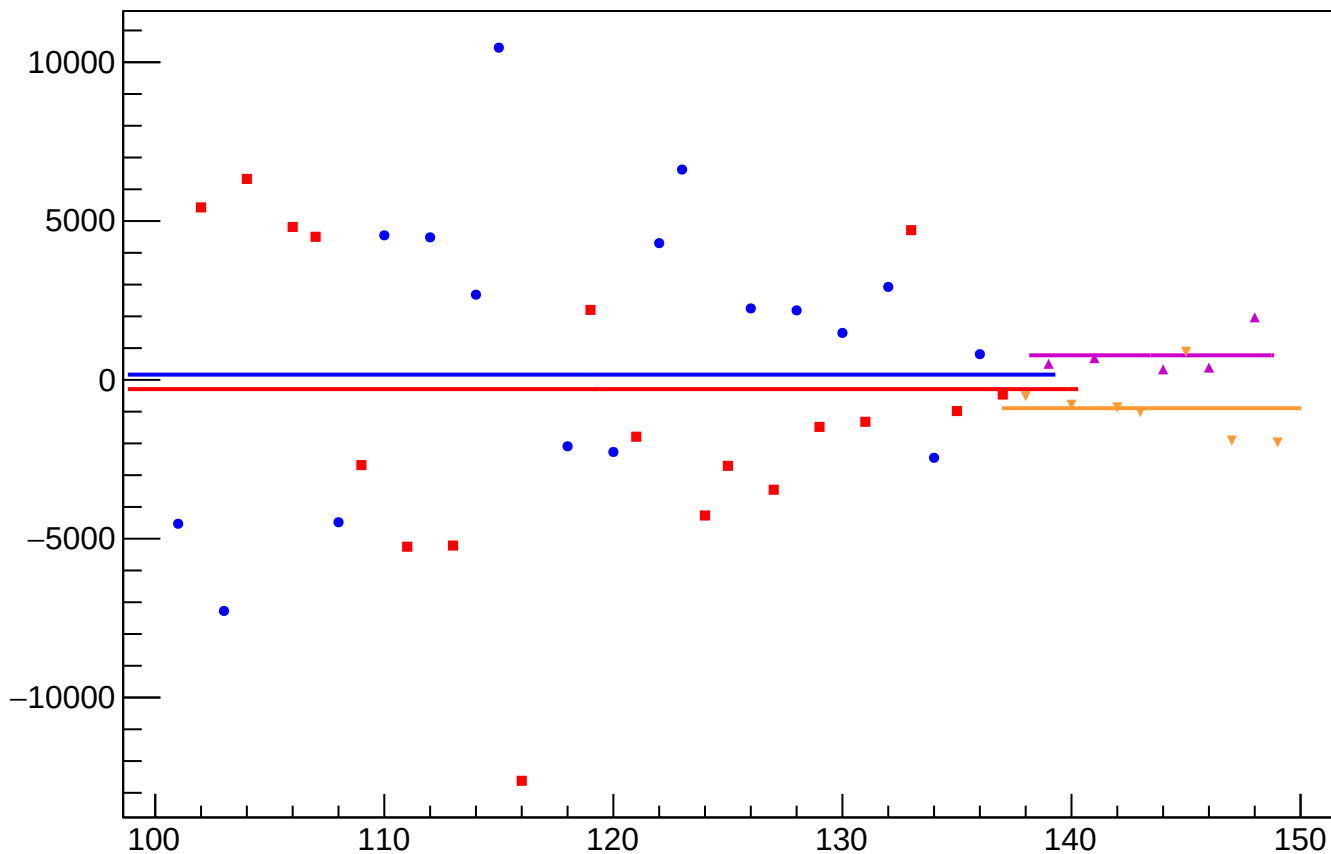
Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6

Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

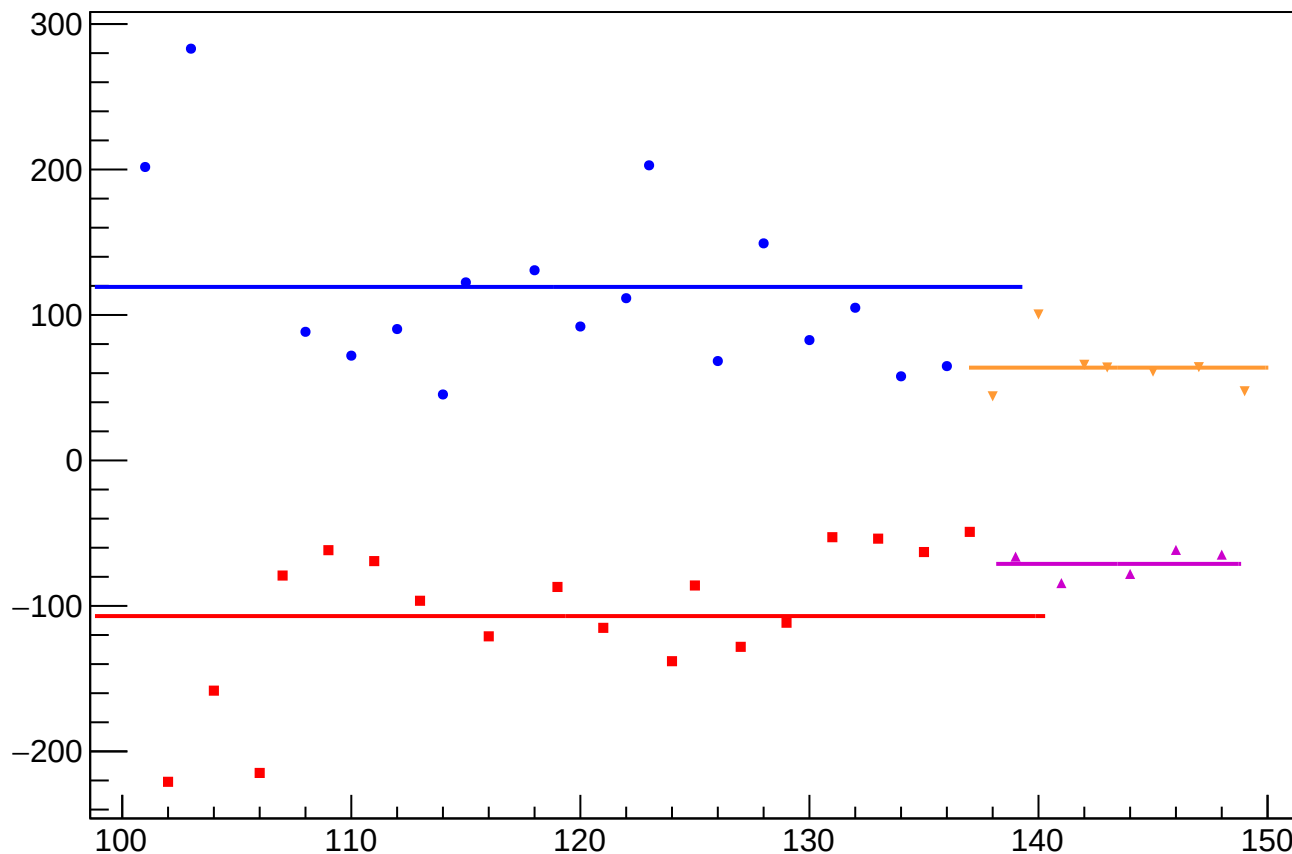
All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_sam5_coil6_mean vs Slug, Sign Corrected



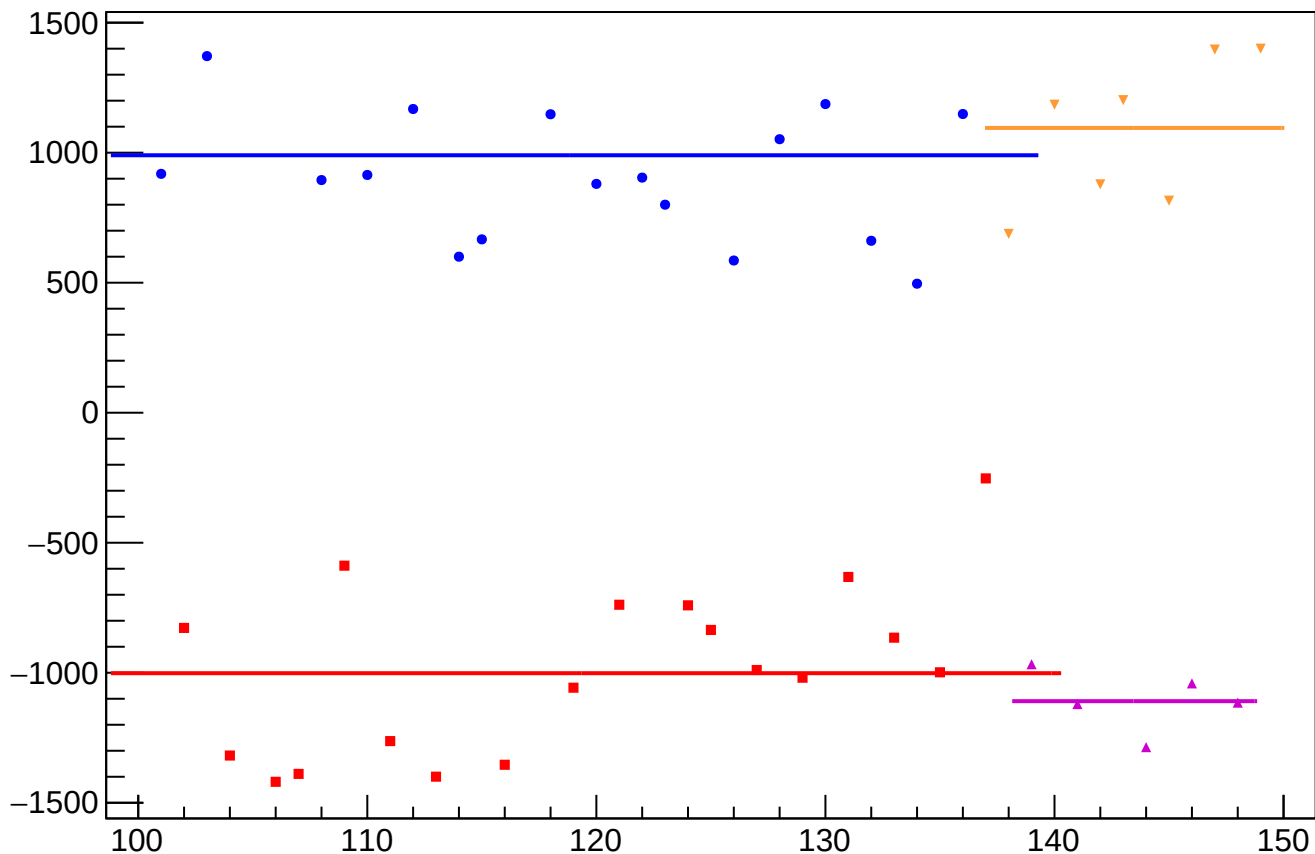
Right In: 165.547+/-0.000 χ^2/NDF : 10658450336306933403777351351390508679168.0/16
 Left: -140.224+/-0.000 χ^2/NDF : 123642227551958
 Right: -66.136+/-0.000 χ^2/NDF : 254044320443821
 Left Out: -891.971+/-0.000 χ^2/NDF : 437921341085229496364291517999046721536.0/6
 In: 395.485+/-0.000 χ^2/NDF : 10911654859206993
 Right Out: -291.015+/-0.000 χ^2/NDF : 14672571981967891714112032575724497928192.0/17
 Out: -542.066+/-0.000 χ^2/NDF : 152183657062244
 Left In: 773.630+/-0.000 χ^2/NDF : 156168465502918145958292092152931418112.0/4
 All: -95.689+/-0.000 χ^2/NDF : 266439393187

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



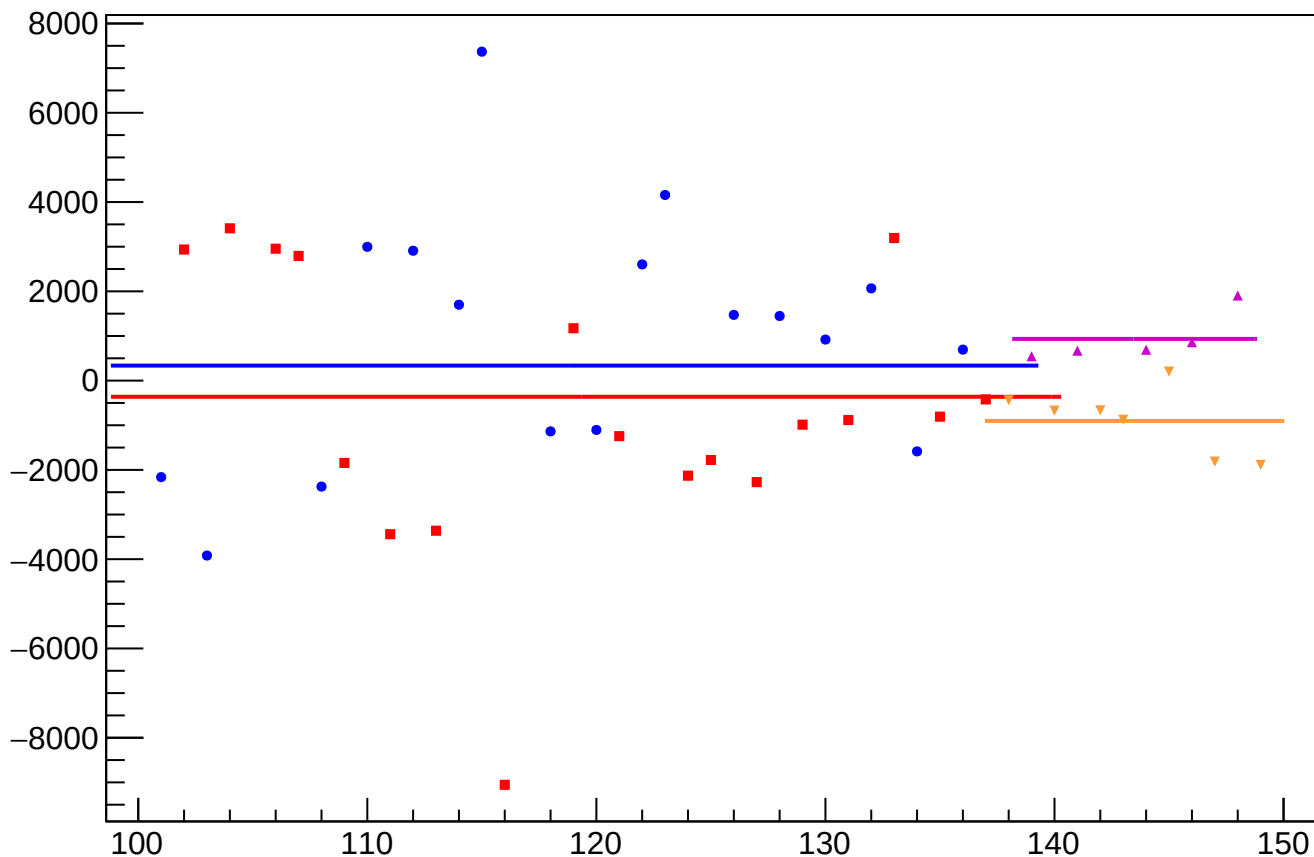
Right In: 119.288 $\pm$ 0.000 χ^2 /NDF: 2842654207411905514935251828991852544.0/16
 Left Out: 63.798 $\pm$ 0.000 χ^2 /NDF: 162930440109262674390000427878842368.0/6
 Right Out: -106.986 $\pm$ 0.000 χ^2 /NDF: 1915046958698396013008025410372370432.0/17
 Left In: -71.109 $\pm$ 0.000 χ^2 /NDF: 32117939061904455559663108420009984.0/4
 All: 3.844 $\pm$ 0.000 χ^2 /NDF: 27199214292229

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



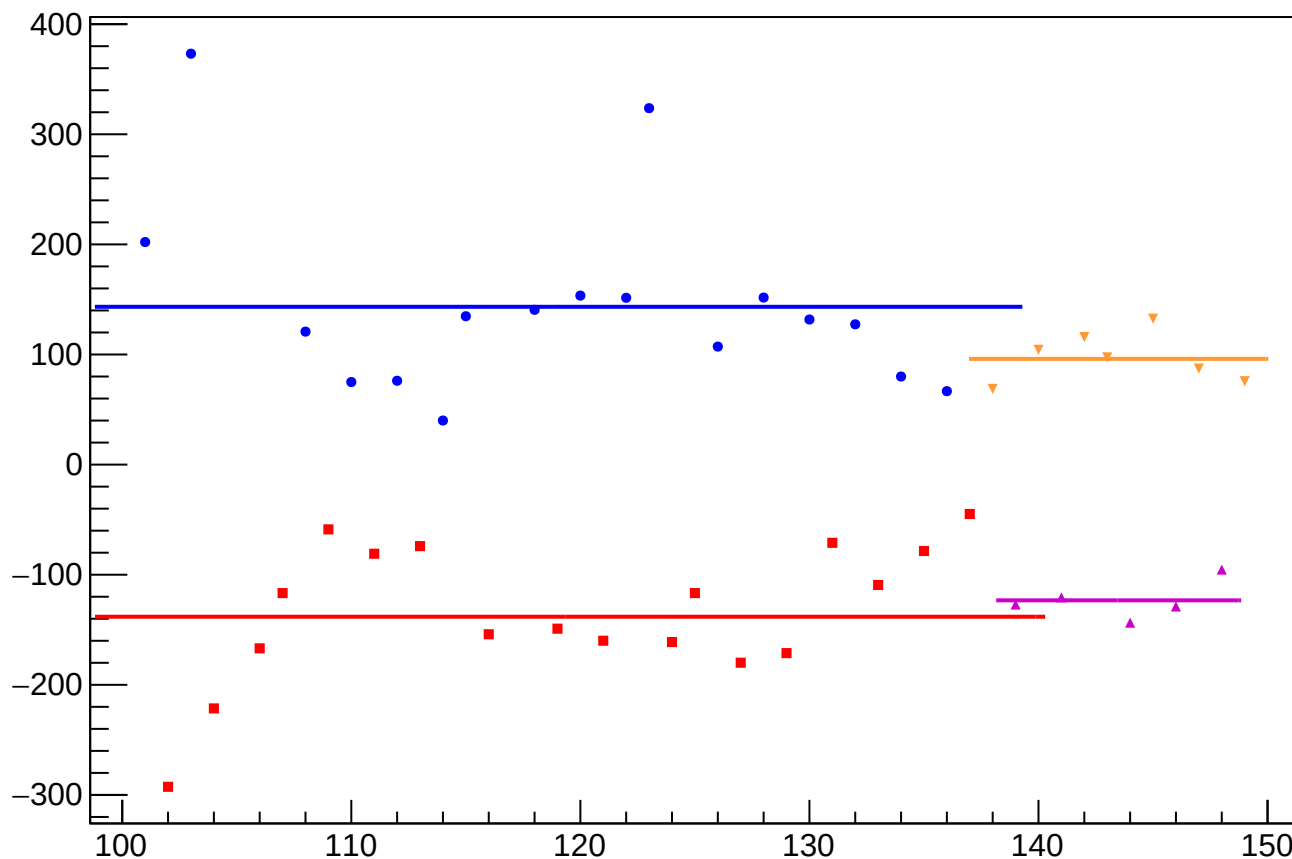
Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16
 Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6
 Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17
 Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4
 All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_sam6_coil6_mean vs Slug, Sign Corrected



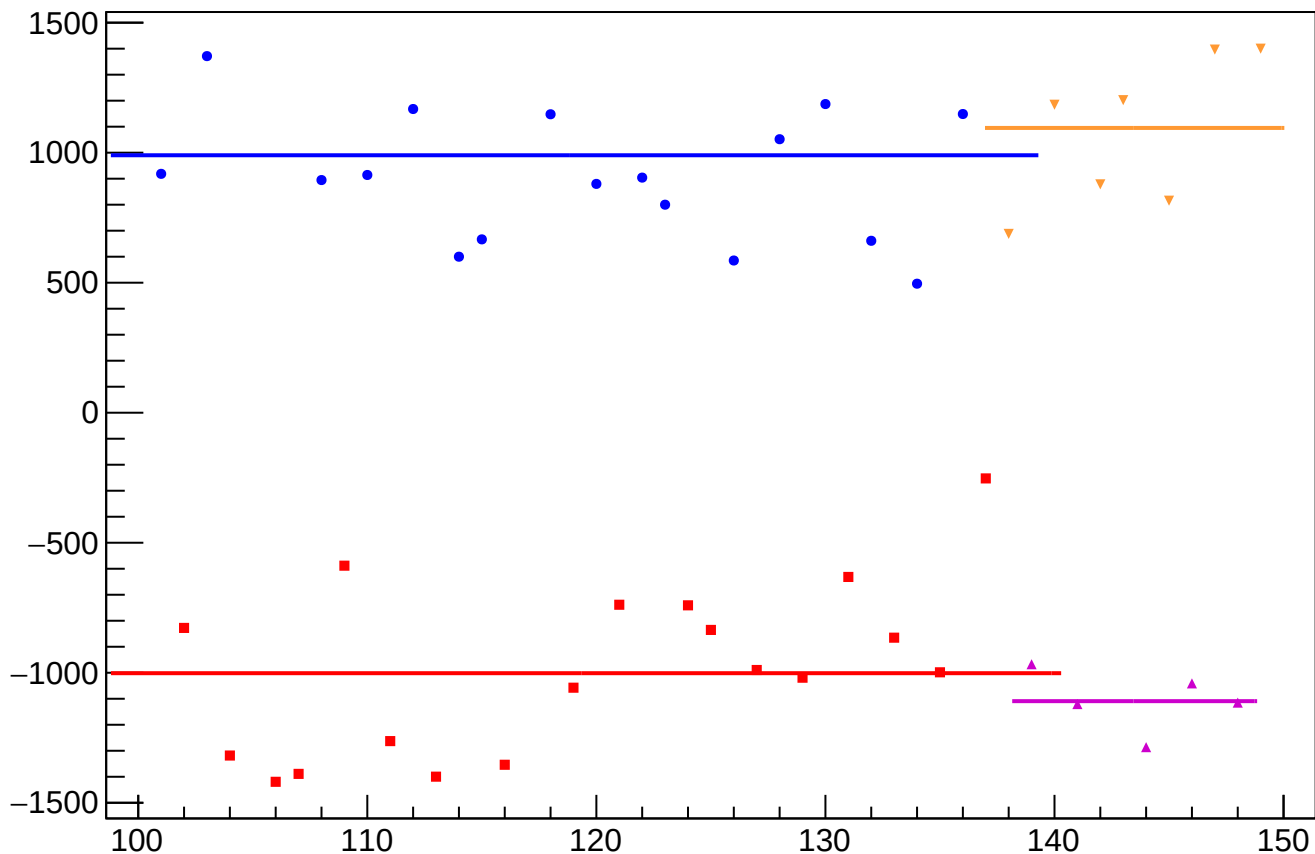
Right In: 336.537+/-0.000 χ^2/NDF : 3711385432707324073014239747985928880128.0/16
 Left: -73.476+/-0.000 χ^2/NDF : 1150294125938554
 Right: -17.963+/-0.000 χ^2/NDF : 985003998805048
 Left Out: -902.840+/-0.000 χ^2/NDF : 265251475967755227971110843119118057472.0/6
 In: 562.737+/-0.000 χ^2/NDF : 39085132735003350
 Right Out: -362.052+/-0.000 χ^2/NDF : 5966784958004941474881704867040847724544.0/17
 Out: -587.968+/-0.000 χ^2/NDF : 631938952461393
 Left In: 934.733+/-0.000 χ^2/NDF : 103221710731808740329540845888025395200.0/4
 All: -40.107+/-0.000 χ^2/NDF : 110020660800

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Left: -2.939 ± 0.000 $\chi^2/\text{NDF}: 11468619750708830$
 Right In: 143.327 ± 0.000 $\chi^2/\text{NDF}: 4671526487507242419296658853814337536.0/16$
 Left Out: 96.042 ± 0.000 $\chi^2/\text{NDF}: 226185992129040171219077928161640448.0/6$
 Right Out: -138.133 ± 0.000 $\chi^2/\text{NDF}: 3152322250150098804756661412355375104.0/17$
 Left In: -123.265 ± 0.000 $\chi^2/\text{NDF}: 106535678827138574990265111837409280.0/4$
 All: -0.872 ± 0.000 $\chi^2/\text{NDF}: 4719809677766$

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

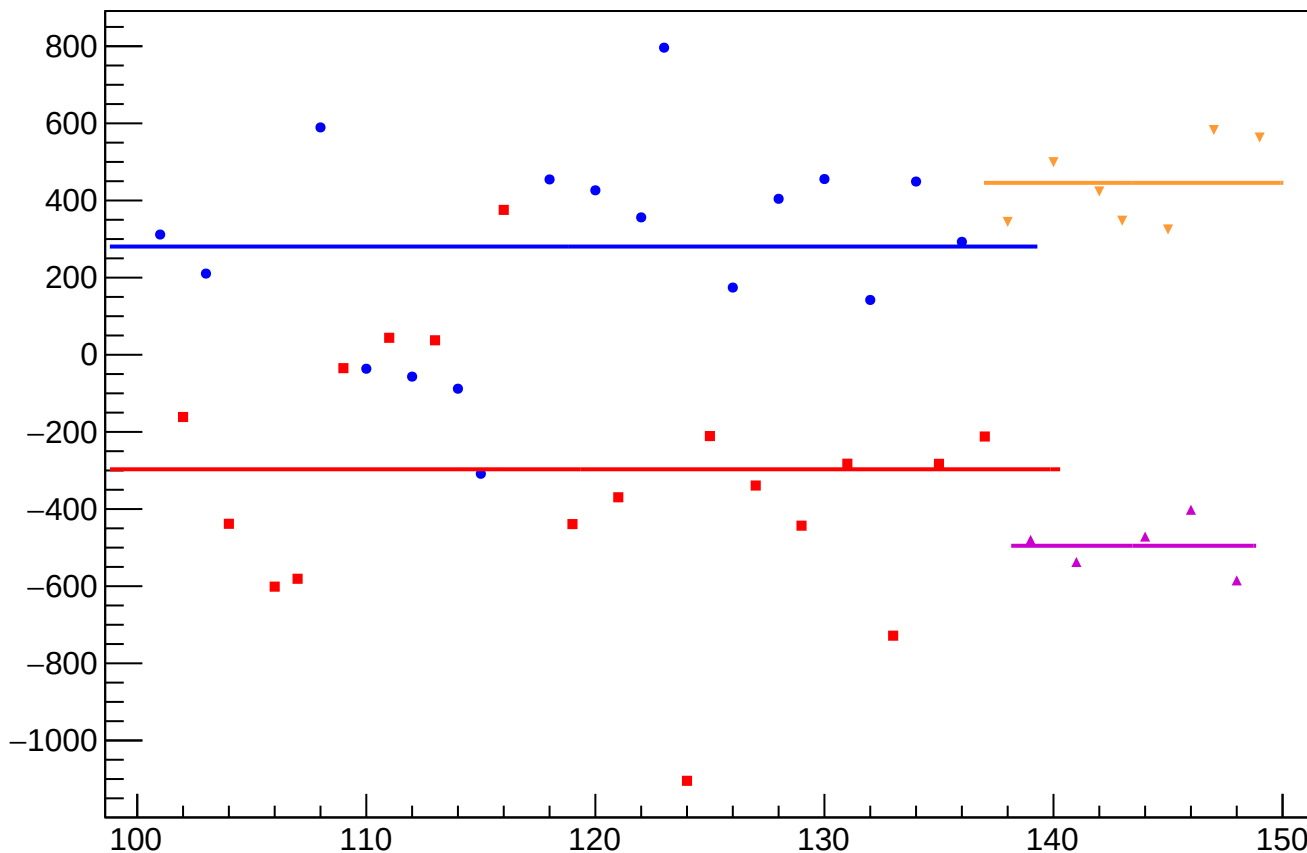
Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6

Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 280.587+/-0.000

χ^2/NDF : 26873653578381248944514799501999865856.0/16

Left Out: 445.780+/-0.000

χ^2/NDF : 5465578715489708665897219851292770304.0/6

Right Out: -296.905+/-0.000

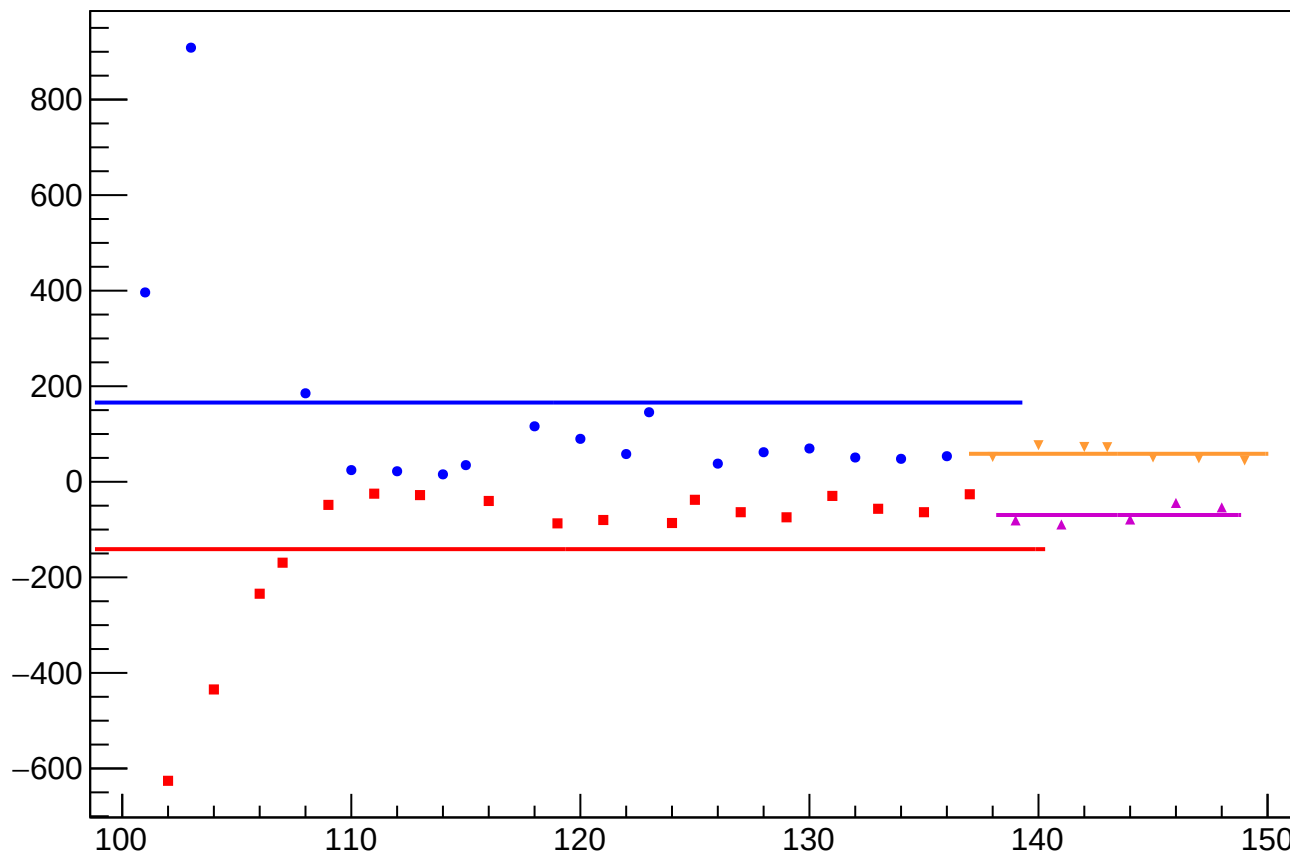
χ^2/NDF : 53152105752477344290303829793952497664.0/17

Left In: -495.175+/-0.000

χ^2/NDF : 1620442803444973723841606493780574208.0/4

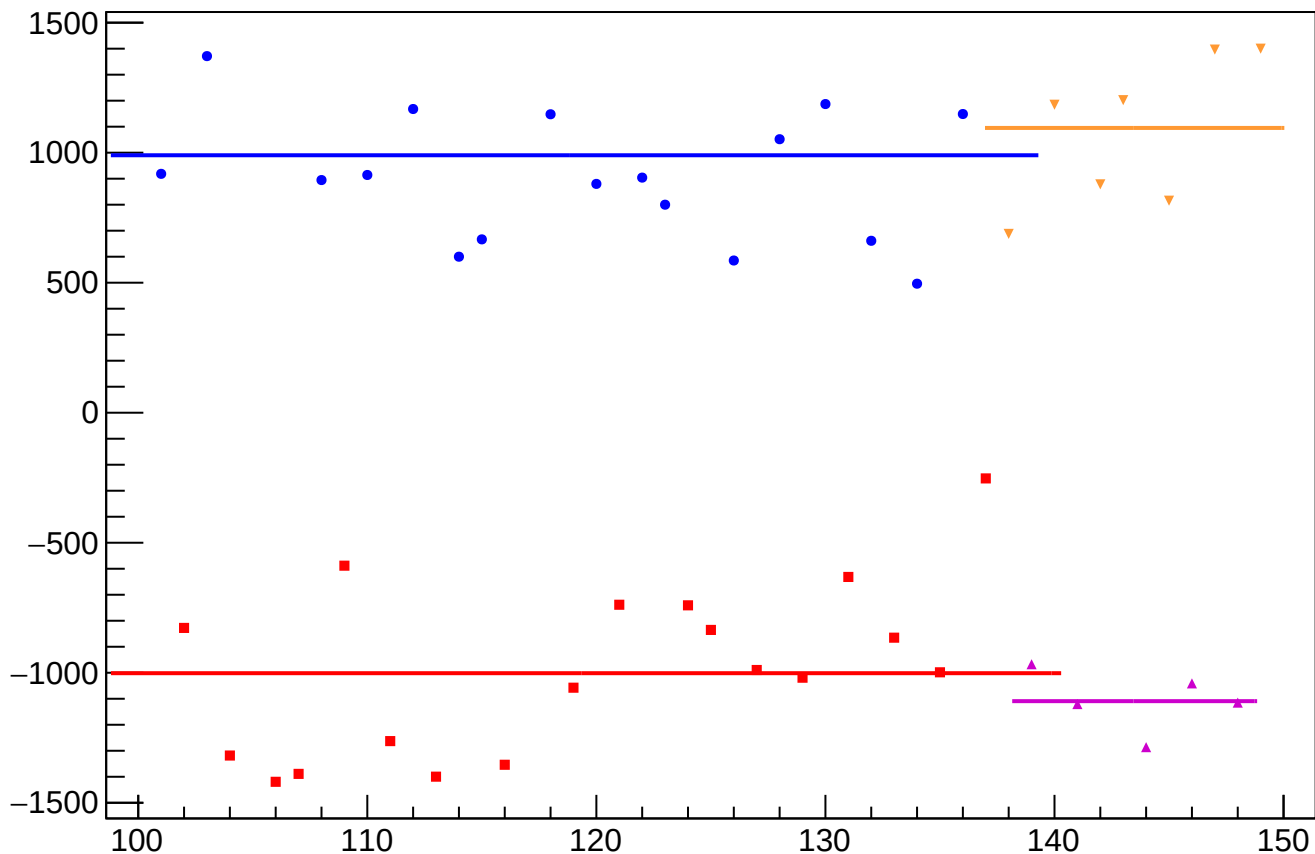
All: 0.922+/-0.000 χ^2/NDF : 41019388252326

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



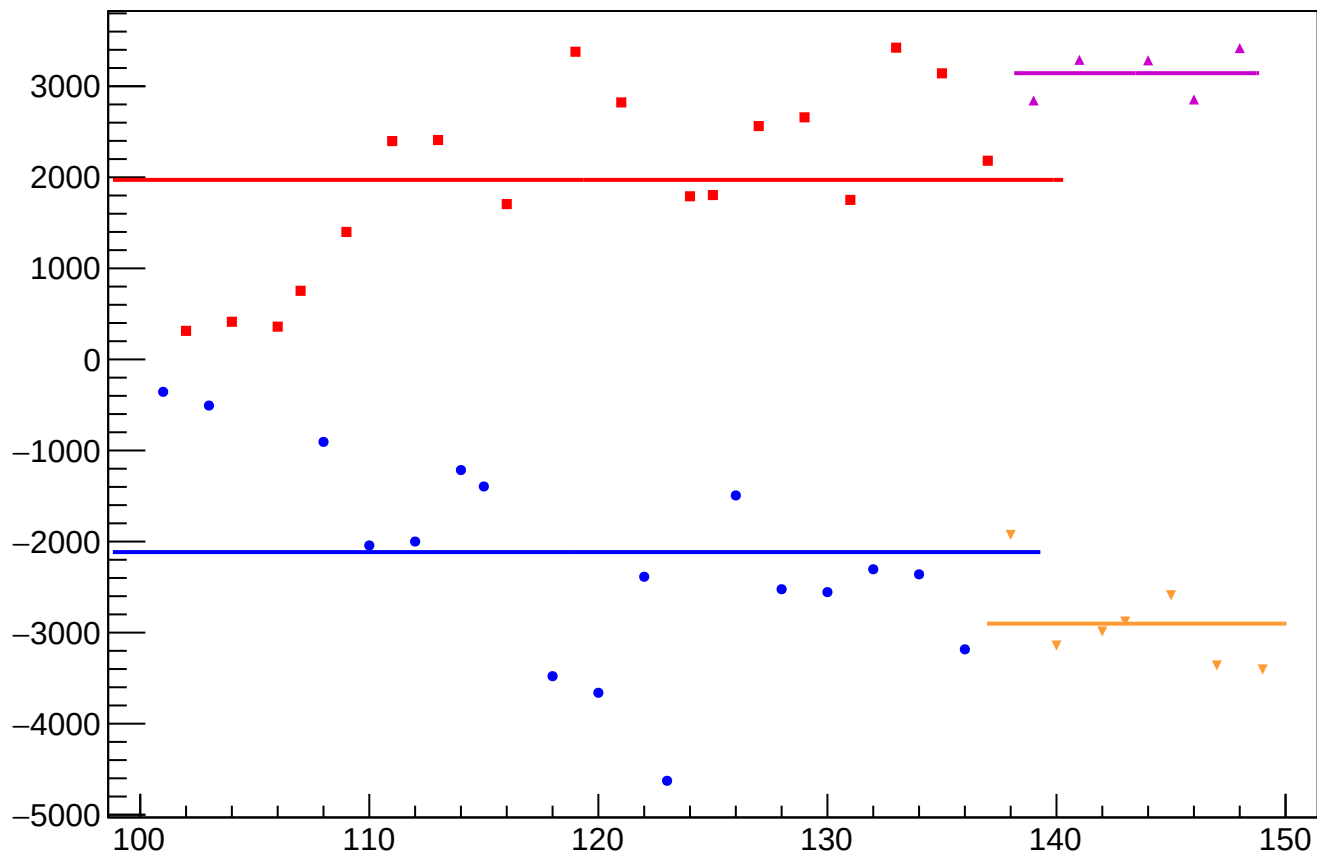
Right In: 165.841 $\pm$ 0.000 χ^2 /NDF: 42388910284637758892134233675562745856.0/16
 Left Out: 58.607 $\pm$ 0.000 χ^2 /NDF: 79887200894448807417903747394699264.0/6
 Right Out: -140.976 $\pm$ 0.000 χ^2 /NDF: 22674964646016742017185923250652184576.0/17
 Left In: -69.486 $\pm$ 0.000 χ^2 /NDF: 126095321683812437718408252866166784.0/4
 All: 6.416 $\pm$ 0.000 χ^2 /NDF: 10227031453138

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000	χ^2/NDF : 36894248833595574425684746704003268608.0/16	Left: 100.250+/-0.000	χ^2/NDF : 1167464095804885
Left Out: 1095.177+/-0.000	χ^2/NDF : 37525535198494496903321257400567070720.0/6	Right: -20.633+/-0.000	χ^2/NDF : 149538797073234
Right Out: -1001.684+/-0.000	χ^2/NDF : 61351571695254109773751672489010790400.0/17	In: 196.272+/-0.000	χ^2/NDF : 11982709975199593
Left In: -1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4	Out: -125.715+/-0.000	χ^2/NDF : 141217863771531
	All: 27.586+/-0.000		χ^2/NDF : 2671064992393

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2115.686+/-0.000

Left Out: -2901.268+/-0.000

Right Out: 1971.716+/-0.000

Left In: 3143.490+/-0.000

χ^2/NDF : 754451931643030128758883529777223827456.0/16

χ^2/NDF : 124514800372422278452727678614428975104.0/6

χ^2/NDF : 778865201263461024769541360998730956800.0/17

χ^2/NDF : 24159622224910176813278978610913345536.0/4

Left: -173.046+/-0.000 χ^2/NDF : 860878545752121

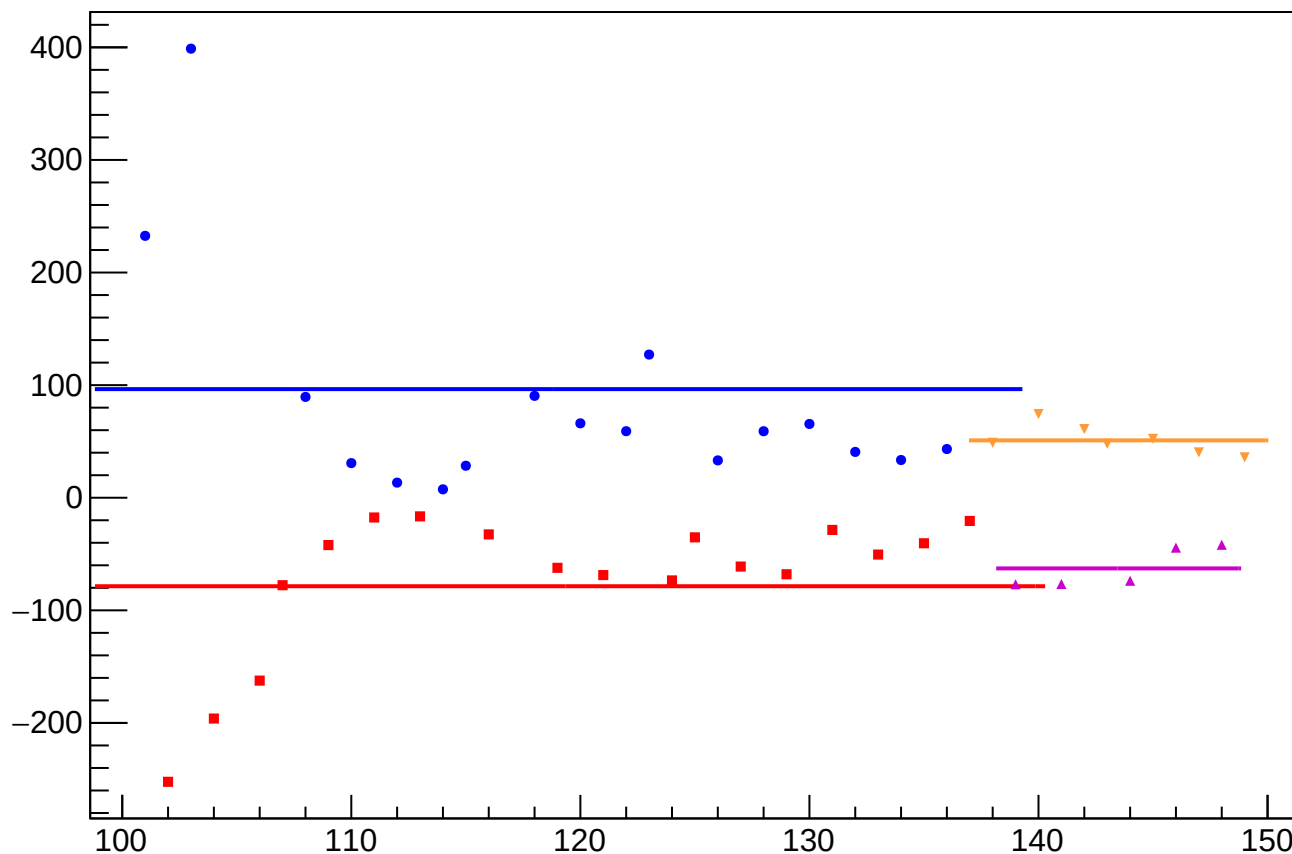
Right: -41.525+/-0.000 χ^2/NDF : 741699927533891

In: -127.001+/-0.000 χ^2/NDF : 8037048686345781

Out: -63.985+/-0.000 χ^2/NDF : 7996136255386929

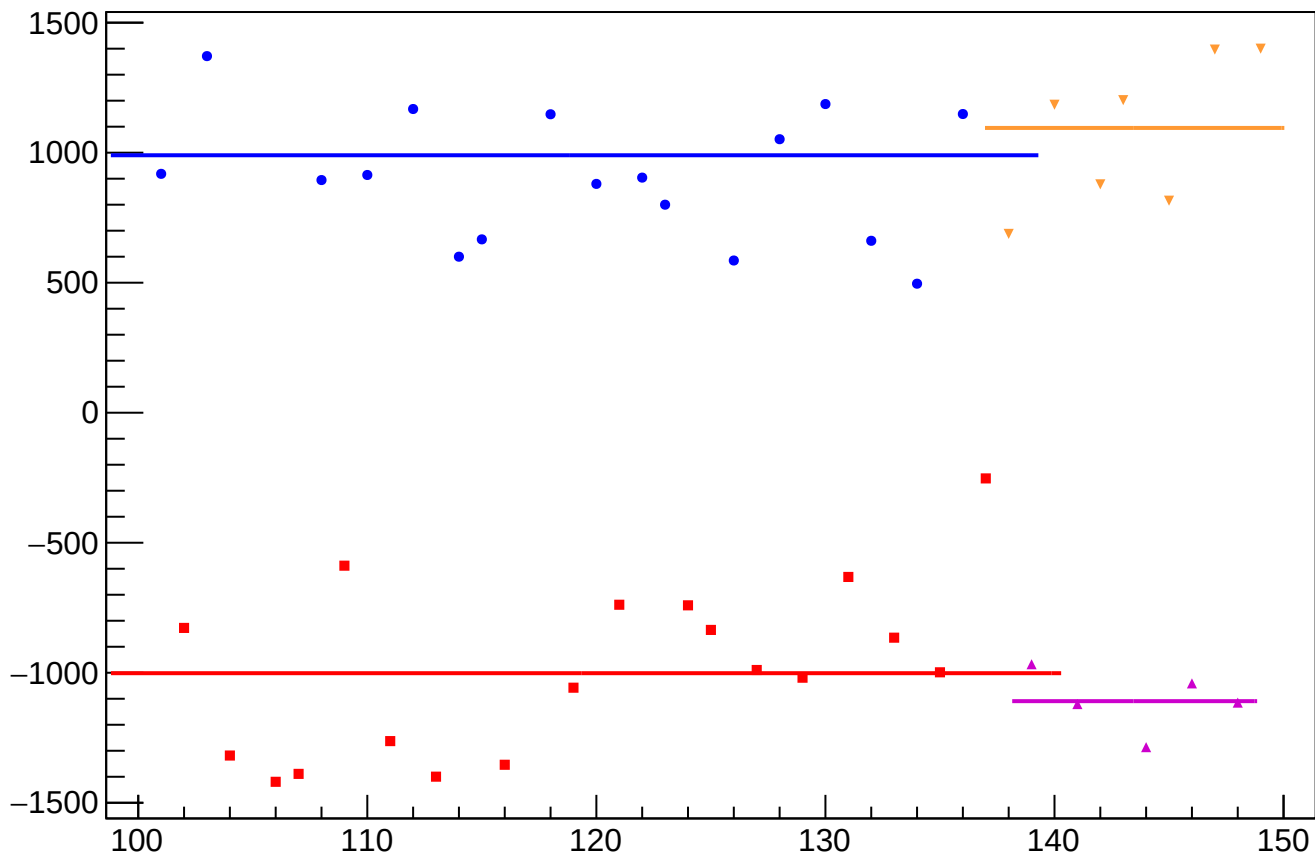
All: -93.987+/-0.000 χ^2/NDF : 160355066498

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 96.465+/-0.000 χ^2/NDF : 7977727256930133620372701565161570304.0/16
 Left Out: 50.958+/-0.000 χ^2/NDF : 78541379941506427627166398521802752.0/6
 Right Out: -78.600+/-0.000 χ^2/NDF : 3499001556563234508710770672385654784.0/17
 Left In: -62.762+/-0.000 χ^2/NDF : 10832073488352144983445446344677856.0/4
 All: 4.438+/-0.000 χ^2/NDF : 25486982161265

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 990.104+/-0.000 χ^2/NDF : 36894248833595574425684746704003268608.0/16

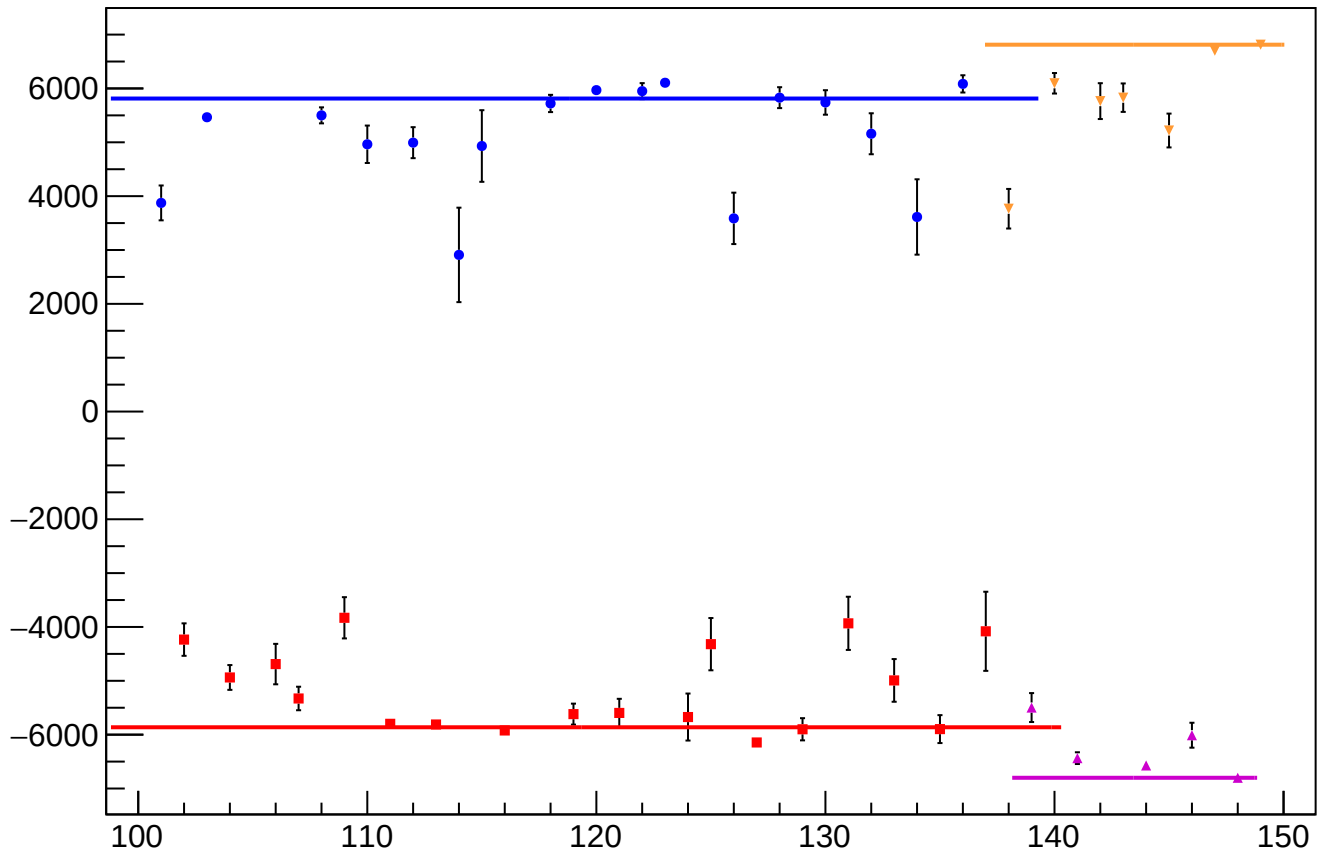
Left Out: 1095.177+/-0.000 χ^2/NDF : 37525535198494496903321257400567070720.0/6

Right Out: -1001.684+/-0.000 χ^2/NDF : 61351571695254109773751672489010790400.0/17

Left In: -1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

All: 27.586+/-0.000 χ^2/NDF : 2671064992393

dit_run_mean vs Slug, Sign Corrected



Right In: 5812.740 $\pm$ 0.171 χ^2 /NDF: 2217854.6/16

Left Out: 6812.622 $\pm$ 0.311 χ^2 /NDF:134.0/6

Right Out: -5862.788 $\pm$ 0.139 χ^2 /NDF: 199291.9/17

Left In: -6800.628 $\pm$ 0.382 χ^2 /NDF:55.8/4

Left: 1396.022 $\pm$ 0.241 χ^2 /NDF: 763270503.3/11

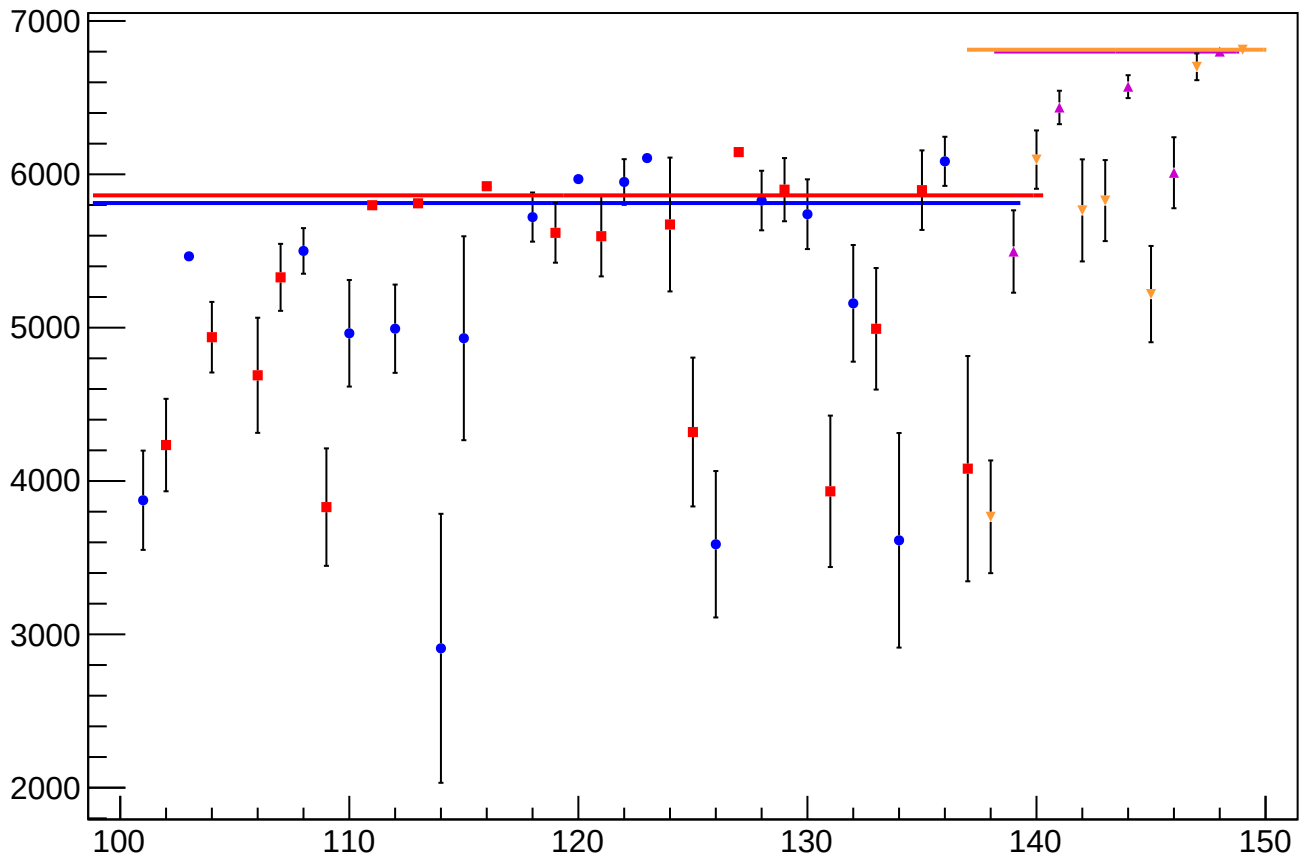
Right: -1193.446 $\pm$ 0.108 χ^2 /NDF: 2813995894.0/3

In: 3719.138 $\pm$ 0.156 χ^2 /NDF:909865661.2/21

Out: -3743.962 $\pm$ 0.127 χ^2 /NDF:1385280570.5/24

All: -761.808 $\pm$ 0.098 χ^2 /NDF: 3673326458.0

dit_run_rms vs Slug, Sign Corrected



Right In: 5812.740+/-0.171 χ^2/NDF : 2217854.6/16

Left Out: 6812.622+/-0.311 χ^2/NDF :134.0/6

Right Out: 5862.788+/-0.139 χ^2/NDF : 199291.9/17

Left In: 6800.628+/-0.382 χ^2/NDF :55.8/4

Left: 6807.849+/-0.241 χ^2/NDF : 782.3/11

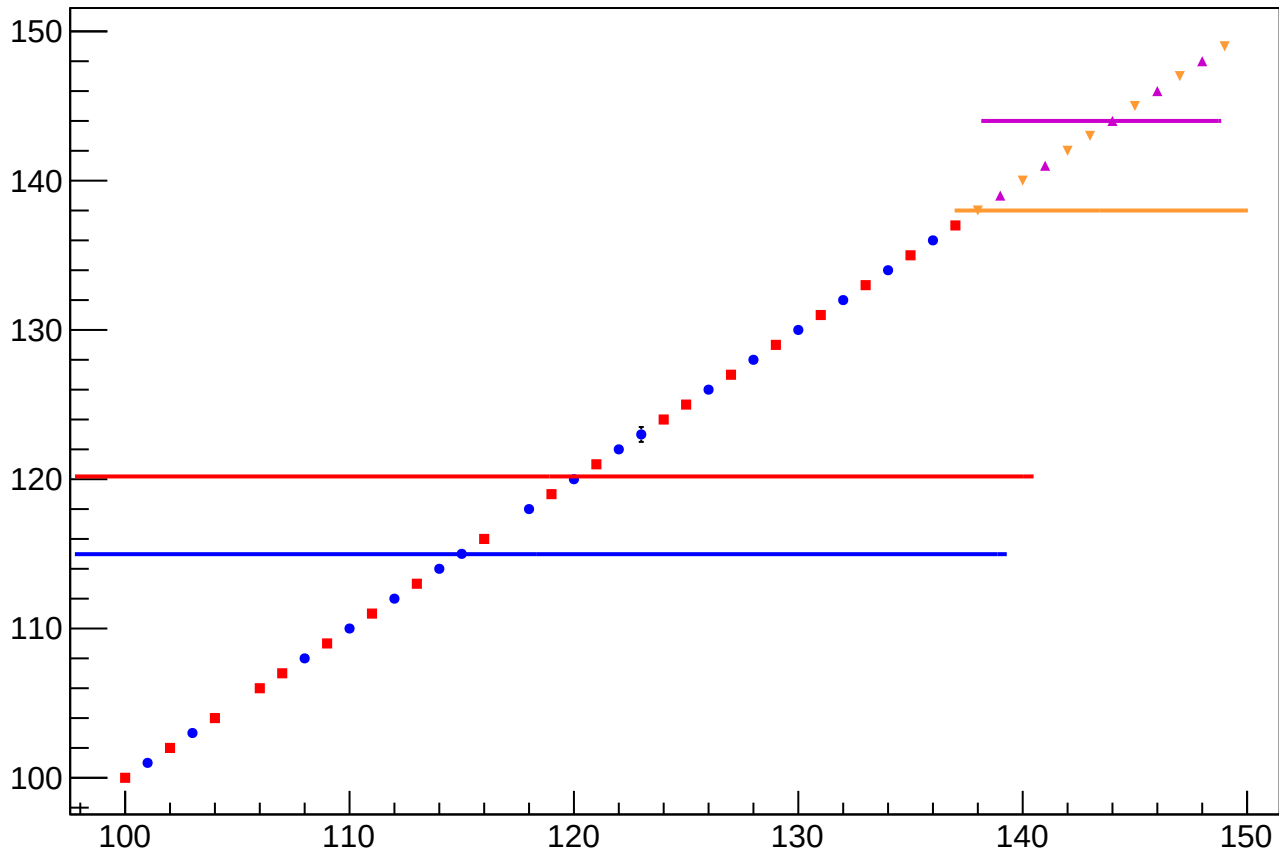
Right: 5842.773+/-0.108 χ^2/NDF : 2468807.9/34

In: 5976.712+/-0.156 χ^2/NDF :7785537.7/21

Out: 6021.562+/-0.127 χ^2/NDF :7977040.2/24

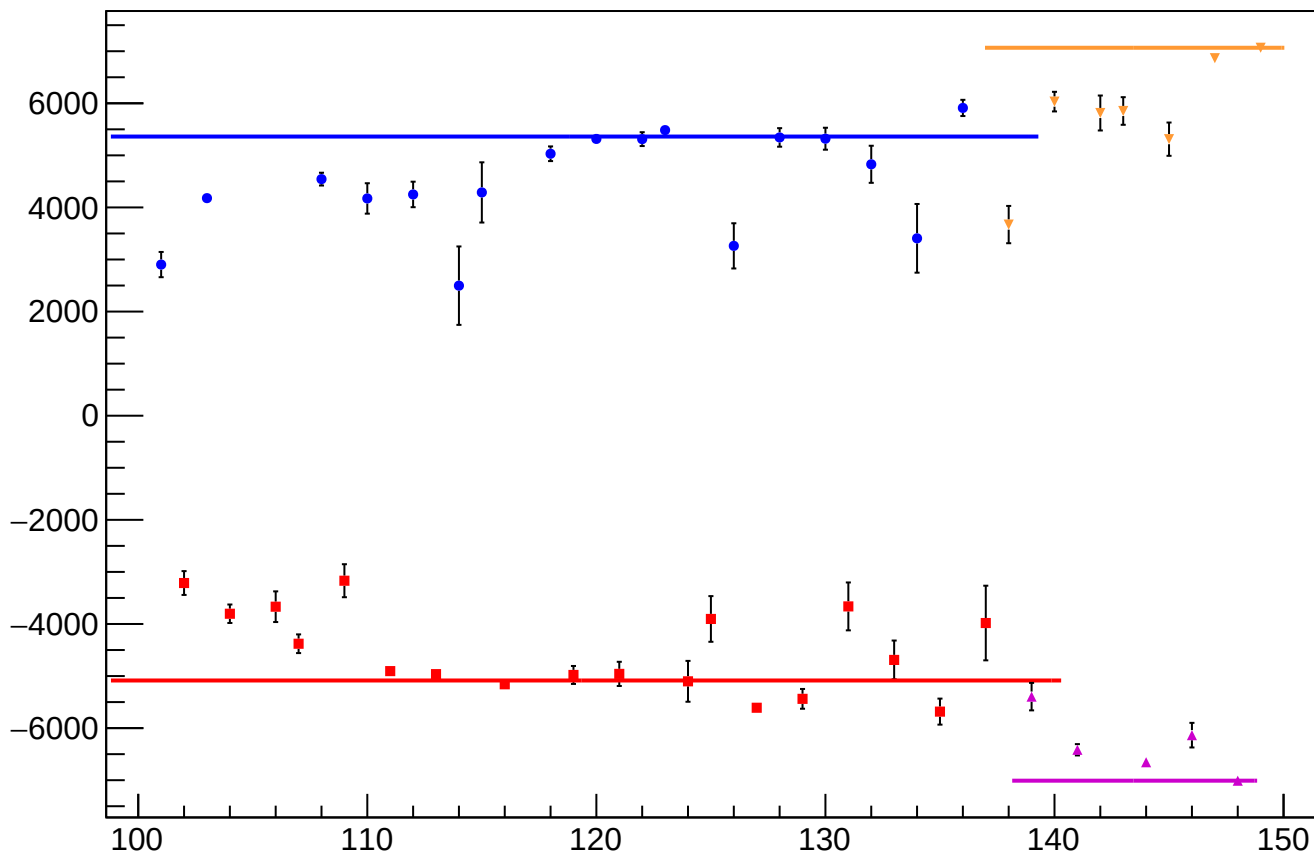
All: 6003.641+/-0.098 χ^2/NDF : 15812350.4/4

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16
 Left Out: 138.000 $\pm$ 0.000 χ^2 /NDF: 23267.0/6
 Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/18
 Left In: 144.000 $\pm$ 0.000 χ^2 /NDF: 4466.0/4
 In: 116.975 $\pm$ 0.000 χ^2 /NDF: 1977822138445151
 Out: 121.722 $\pm$ 0.000 χ^2 /NDF: 7987328592335955
 All: 118.926 $\pm$ 0.000 χ^2 /NDF: 292330962995

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7066.450 $\pm$ 1.478 χ^2 /NDF:190.2/6

Right Out: -5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

Left In: -7009.459 $\pm$ 1.764 χ^2 /NDF:102.9/4

Left: 1261.220 $\pm$ 1.133 χ^2 /NDF: 37421510.7/11

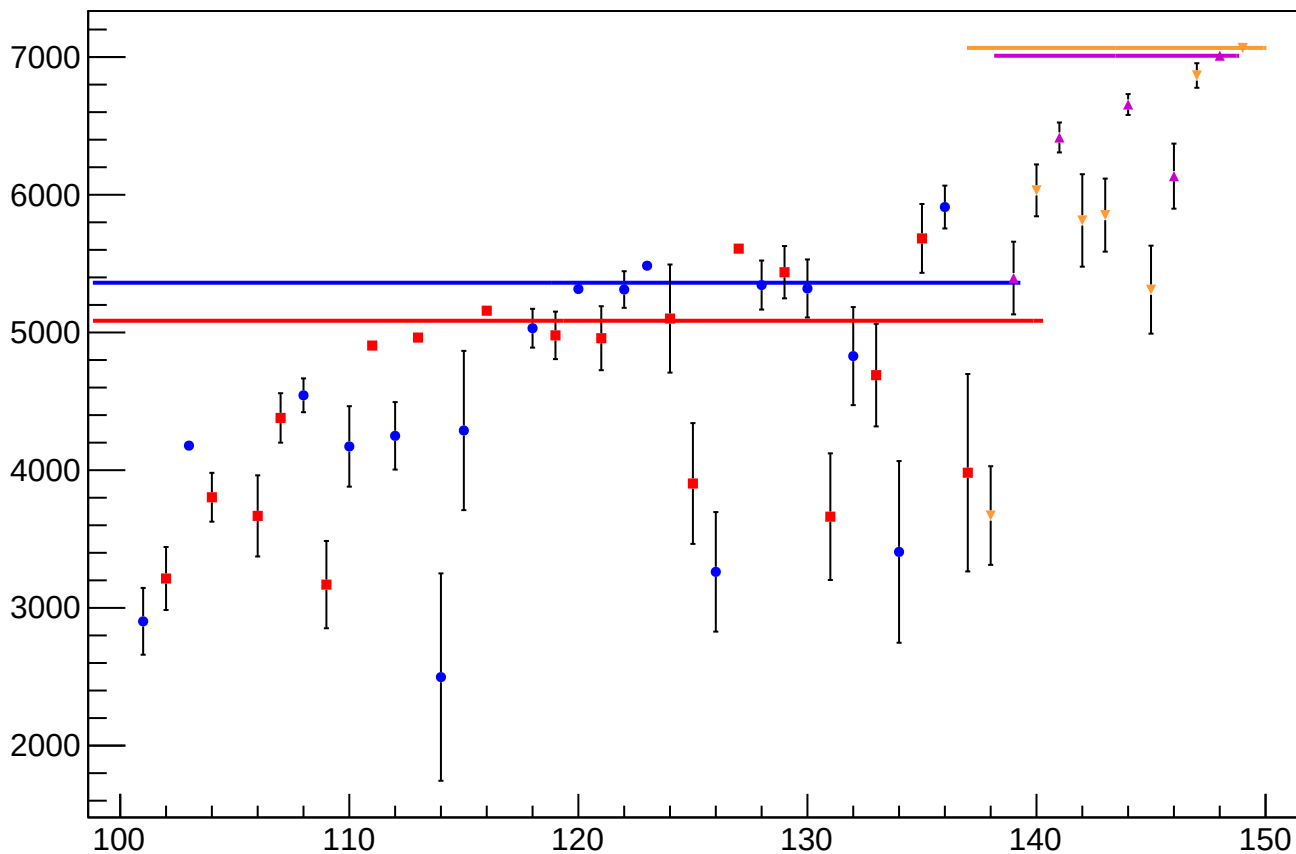
Right: 2021.502 $\pm$ 0.364 χ^2 /NDF: 179839669.6/34

In: 4632.518 $\pm$ 0.428 χ^2 /NDF:46901903.7/21

Out: -3146.926 $\pm$ 0.590 χ^2 /NDF:56917023.7/24

All: 1950.344 $\pm$ 0.347 χ^2 /NDF: 217669527.4

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 5361.298 $\pm$ 0.441 χ^2 /NDF: 607948.2/16

Left Out: 7066.450 $\pm$ 1.478 χ^2 /NDF:190.2/6

Right Out: 5085.163 $\pm$ 0.644 χ^2 /NDF: 80603.0/17

Left In: 7009.459 $\pm$ 1.764 χ^2 /NDF:102.9/4

Left: 7042.945 $\pm$ 1.133 χ^2 /NDF: 906.6/11

Right: 5273.016 $\pm$ 0.364 χ^2 /NDF: 813728.5/34

In: 5458.394 $\pm$ 0.428 χ^2 /NDF:1429782.1/21

Out: 5401.187 $\pm$ 0.590 χ^2 /NDF:1591751.1/24

All: 5438.670 $\pm$ 0.347 χ^2 /NDF: 3027689.8/46

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 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

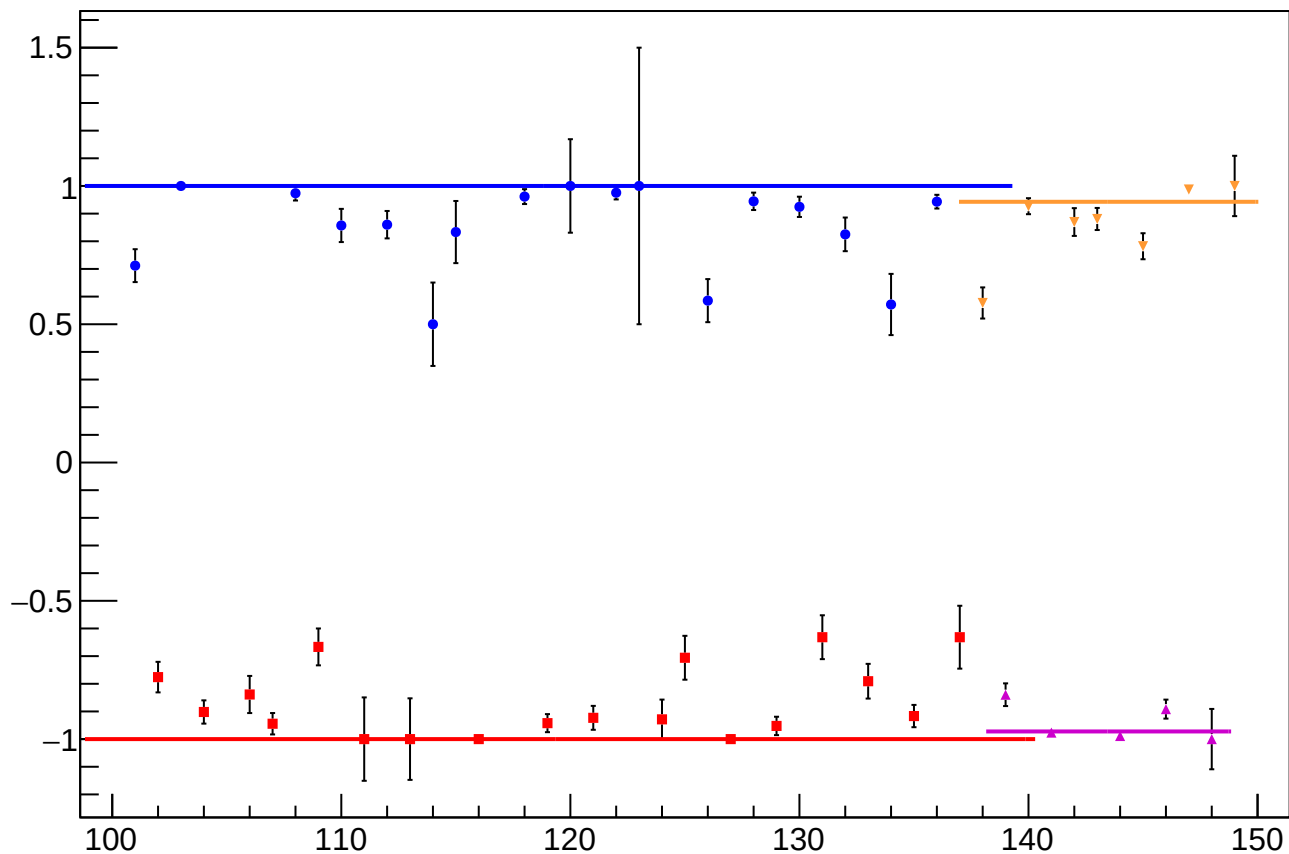
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: 1.000+/-0.000 χ^2/NDF : 118.6/16

Left Out: 0.943+/-0.010 χ^2/NDF : 71.0/6

Right Out: -1.000+/-0.000 χ^2/NDF : 192.3/17

Left In: -0.972+/-0.009 χ^2/NDF : 18.3/4

Left: -0.185+/-0.007 χ^2/NDF : 19854.5/11

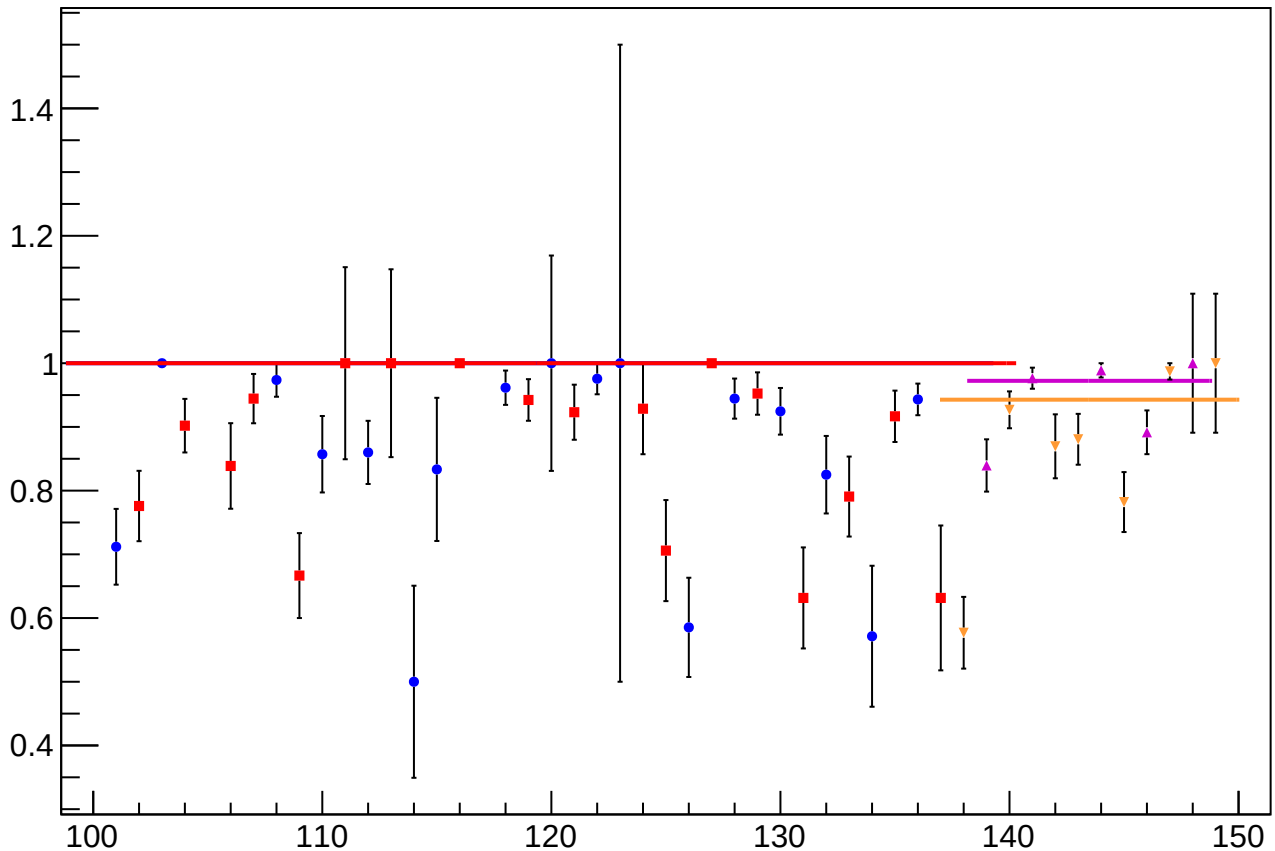
Right: -0.072+/-0.000 χ^2/NDF : 2522158199033292

In: 1.000+/-0.000 χ^2/NDF : 51109.6/21

Out: -1.000+/-0.000 χ^2/NDF : 34813.5/24

All: -0.072+/-0.000 χ^2/NDF : 2522158199033

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 118.6/16

Left Out: 0.943+/-0.010 χ^2/NDF : 71.0/6

Right Out: 1.000+/-0.000 χ^2/NDF : 192.3/17

Left In: 0.972+/-0.009 χ^2/NDF : 18.3/4

Left: 0.960+/-0.007 χ^2/NDF : 94.0/11

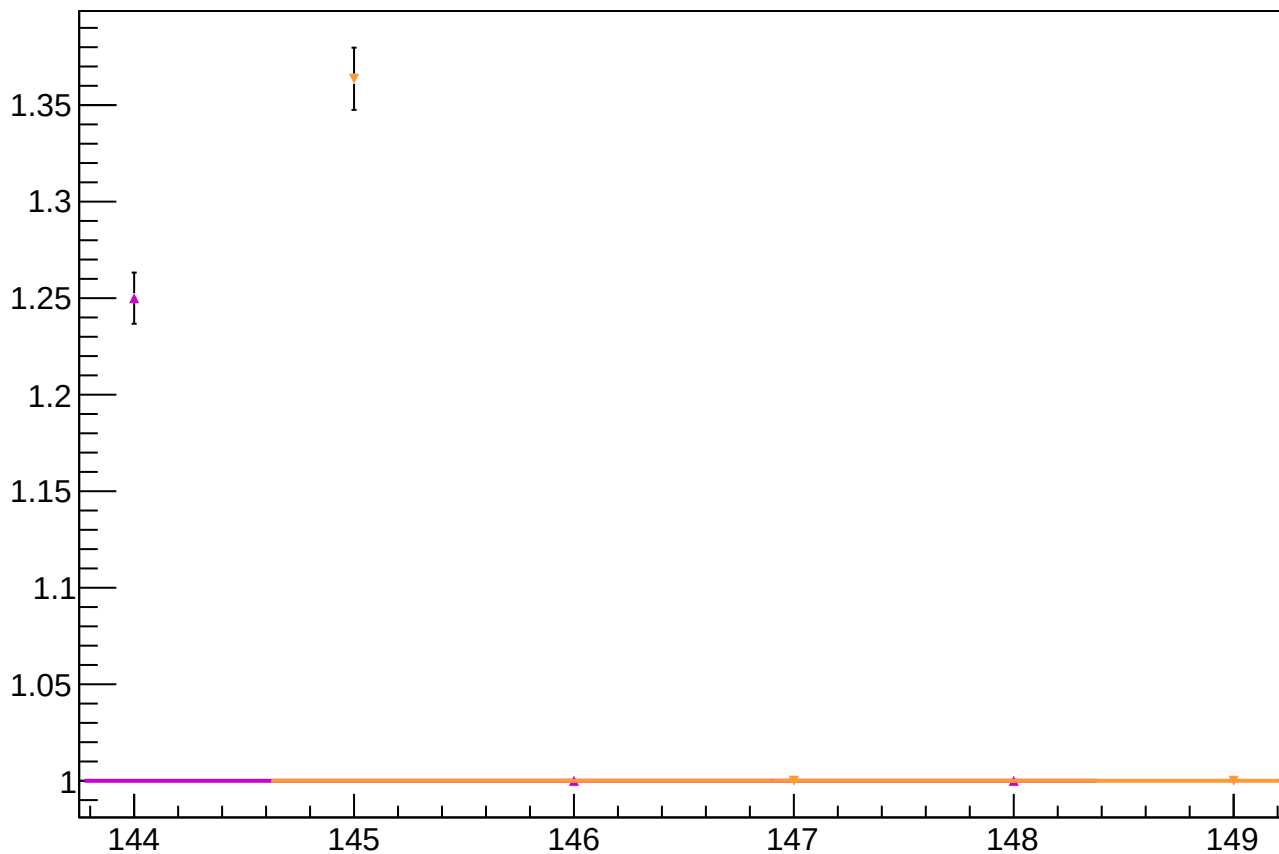
Right: 1.000+/-0.000 χ^2/NDF : 243.9/34

In: 1.000+/-0.000 χ^2/NDF : 146.9/21

Out: 1.000+/-0.000 χ^2/NDF : 293.3/24

All: 1.000+/-0.000 χ^2/NDF : 373.2/46

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 : 646.0/2

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

Left In: 1.000+/-0.000 χ^2/NDF : 2012.0/2

Left: 1.000+/-0.000 χ^2/NDF : 3849.1/5

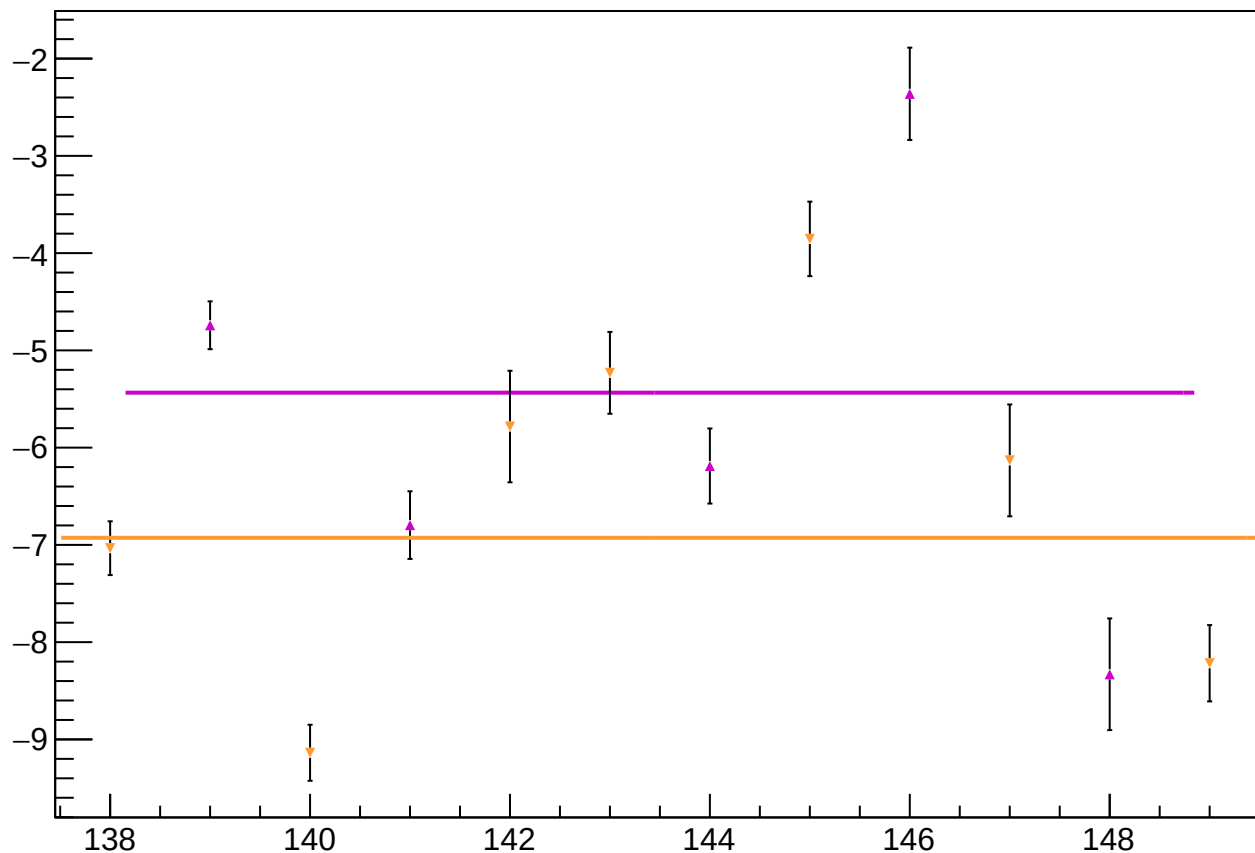
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.000+/-0.000 χ^2/NDF : 2012.0/2

Out: 1.000+/-0.000 χ^2/NDF : 646.0/2

All: 1.000+/-0.000 χ^2/NDF : 3849.1/5

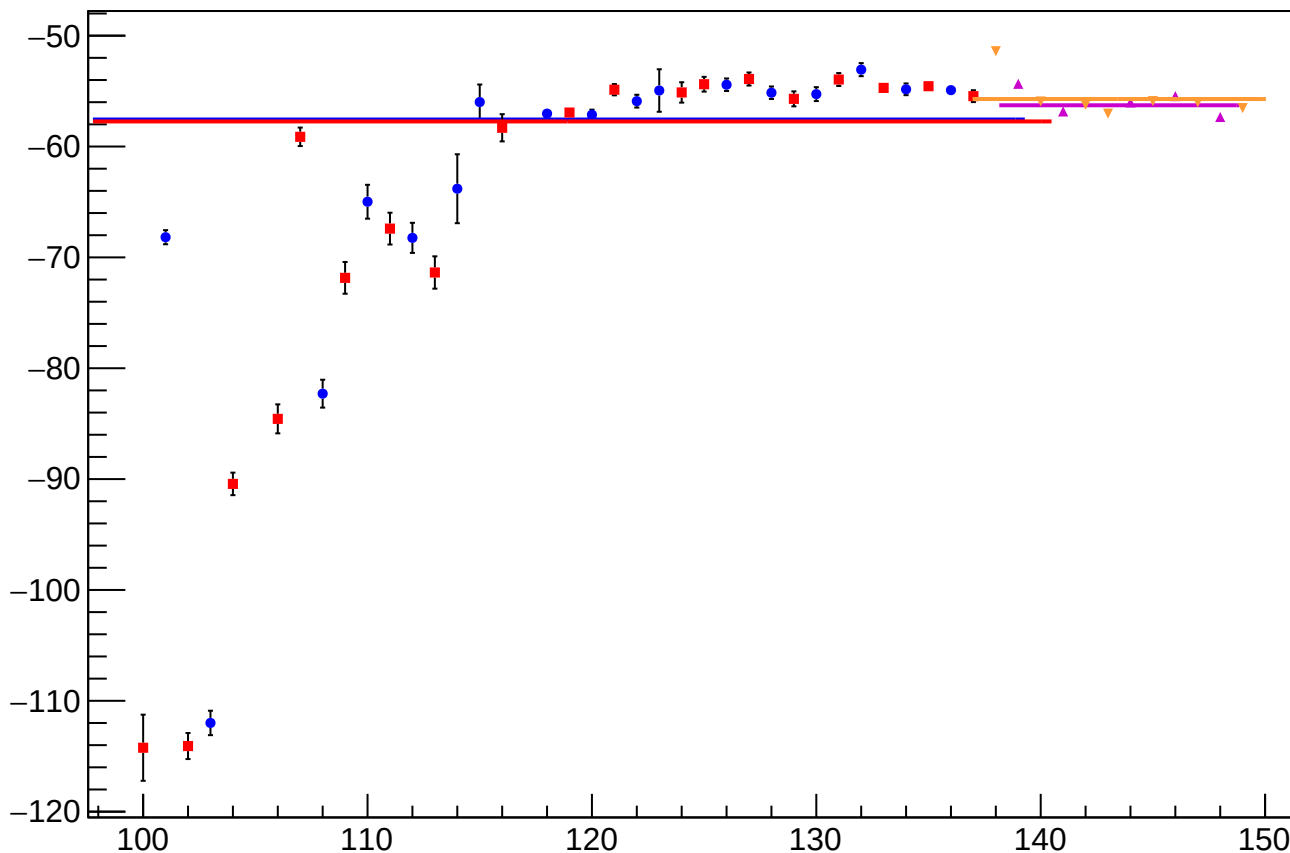
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.927 $\pm$ 0.141 χ^2 /NDF:156.3/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.435 $\pm$ 0.160 χ^2 /NDF:94.5/4

Left: -6.274 $\pm$ 0.106 χ^2 /NDF: 299.6/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.435 $\pm$ 0.160 χ^2 /NDF:94.5/4
 Out: -6.927 $\pm$ 0.141 χ^2 /NDF:156.3/6
 All: -6.274 $\pm$ 0.106 χ^2 /NDF: 299.6/11

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.715 ± 0.109 χ^2/NDF : 213.8/6

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

Left In: -56.278 ± 0.133 χ^2/NDF : 45.5/4

Left: -55.942 ± 0.084 χ^2/NDF : 270.1/11

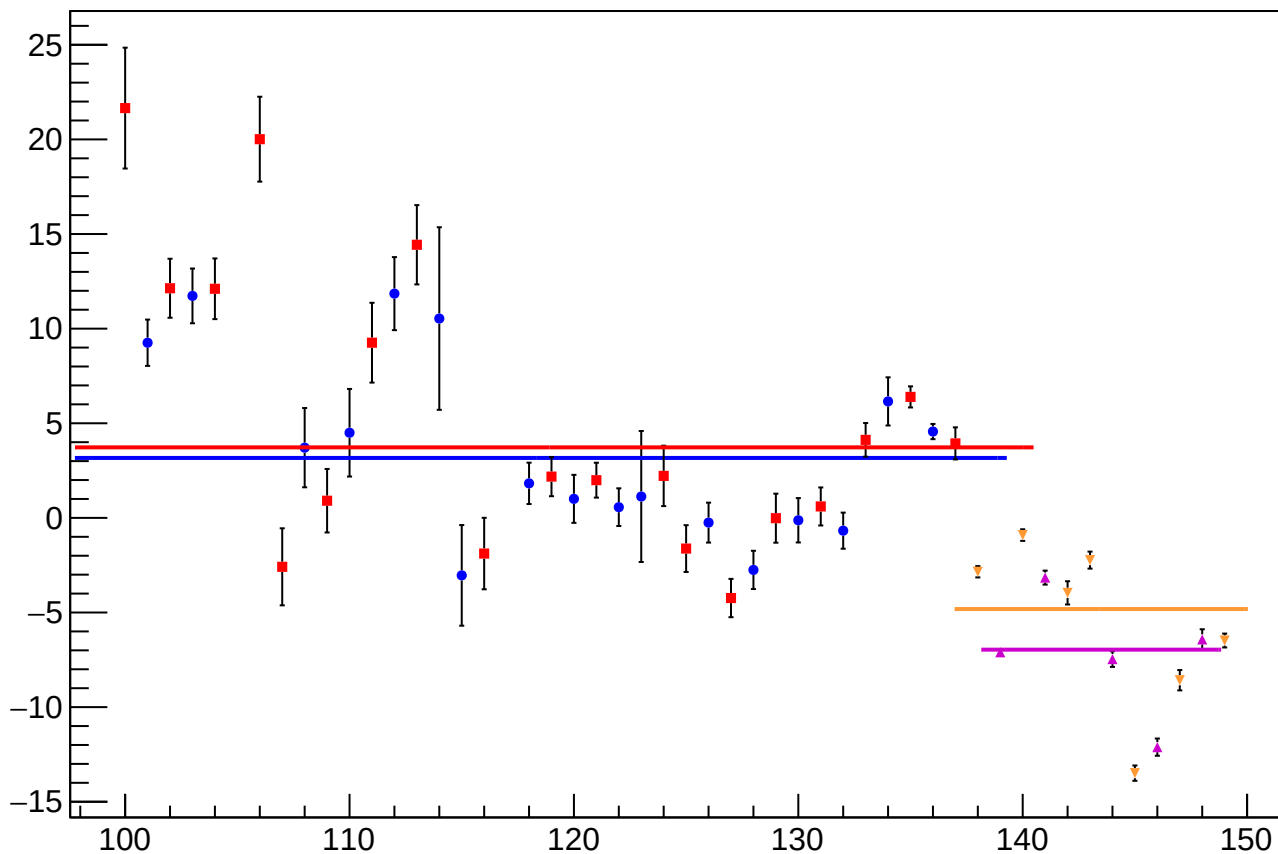
Right: -57.649 ± 0.101 χ^2/NDF : 8155.1/35

In: -56.881 ± 0.097 χ^2/NDF : 3545.3/21

Out: -56.458 ± 0.087 χ^2/NDF : 5038.5/25

All: -56.646 ± 0.065 χ^2/NDF : 8594.4/47

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: -4.817 ± 0.147 $\chi^2/\text{NDF}: 769.7/6$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

Left In: -6.963 ± 0.168 $\chi^2/\text{NDF}: 236.5/4$

Left: -5.749 ± 0.111 $\chi^2/\text{NDF}: 1098.9/11$

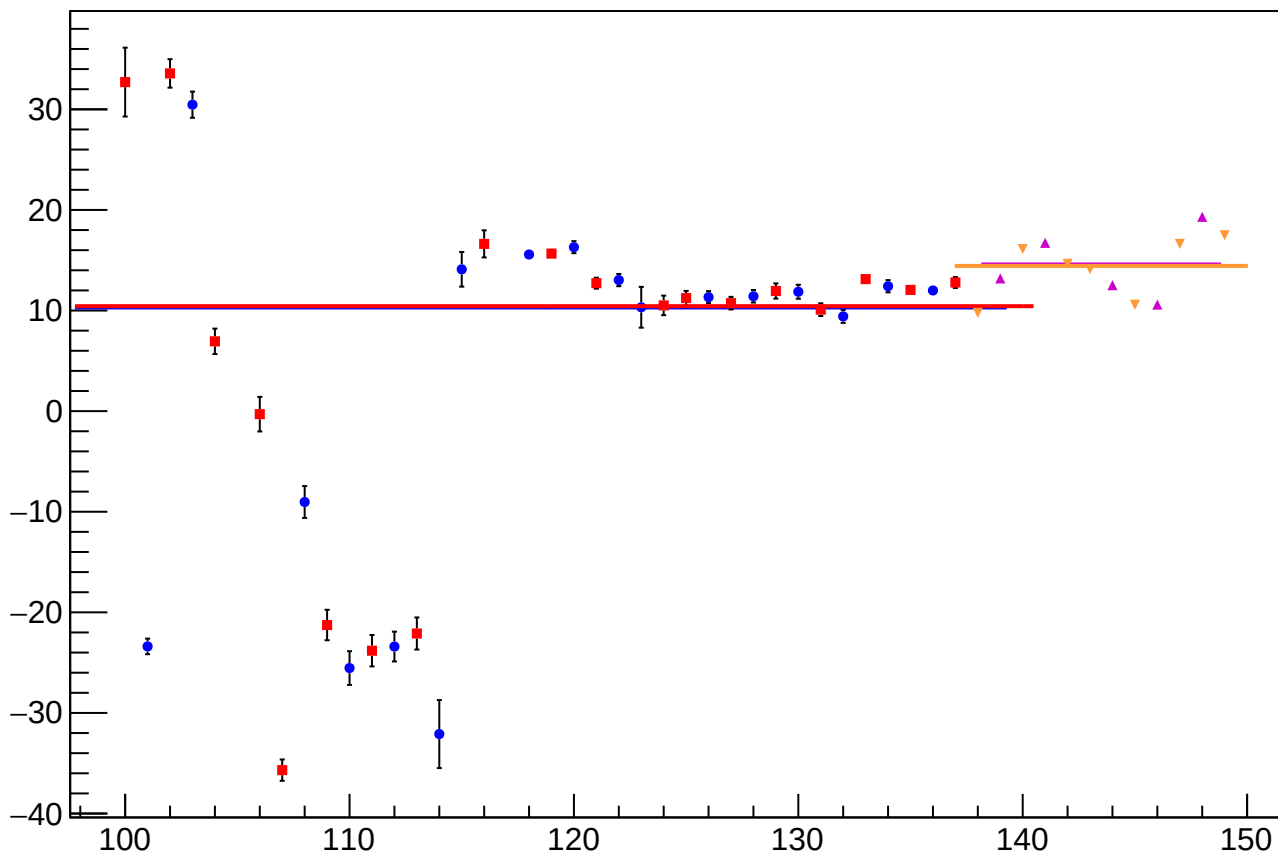
Right: 3.437 ± 0.185 $\chi^2/\text{NDF}: 511.7/35$

In: -3.949 ± 0.141 $\chi^2/\text{NDF}: 1508.3/21$

Out: -2.832 ± 0.129 $\chi^2/\text{NDF}: 1878.4/25$

All: -3.342 ± 0.095 $\chi^2/\text{NDF}: 3421.0/47$

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: 14.437 $\pm$ 0.131 χ^2 /NDF:453.3/6

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

Left In: 14.582 $\pm$ 0.160 χ^2 /NDF:356.3/4

Left: 14.495 $\pm$ 0.101 χ^2 /NDF: 810.1/11

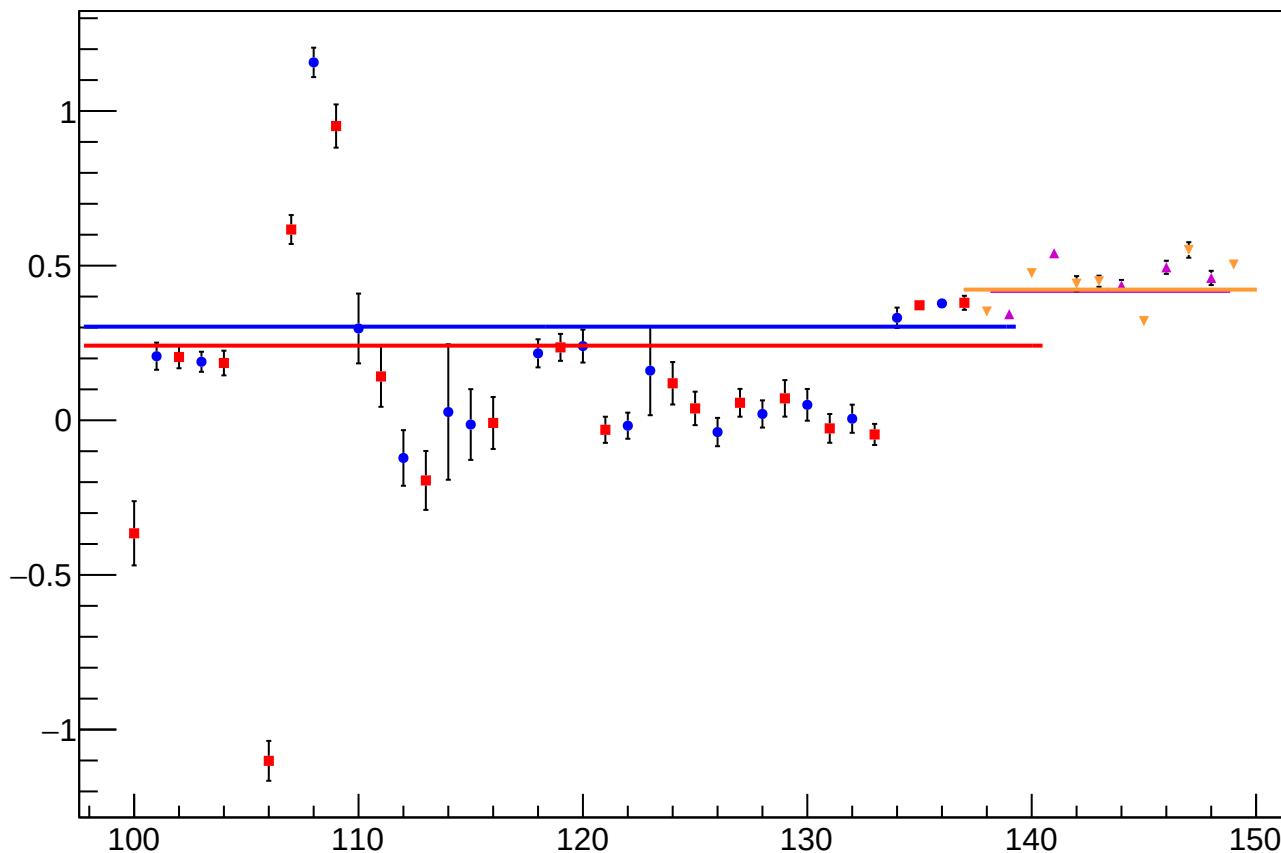
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7541.1/35

In: 12.405 $\pm$ 0.112 χ^2 /NDF:4433.7/21

Out: 12.831 $\pm$ 0.101 χ^2 /NDF:4657.3/25

All: 12.639 $\pm$ 0.075 χ^2 /NDF: 9099.0/47

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: 0.423 $\pm$ 0.006 χ^2 /NDF:150.1/6

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

Left In: 0.418 $\pm$ 0.007 χ^2 /NDF:148.1/4

Left: 0.421 $\pm$ 0.004 χ^2 /NDF: 298.4/11

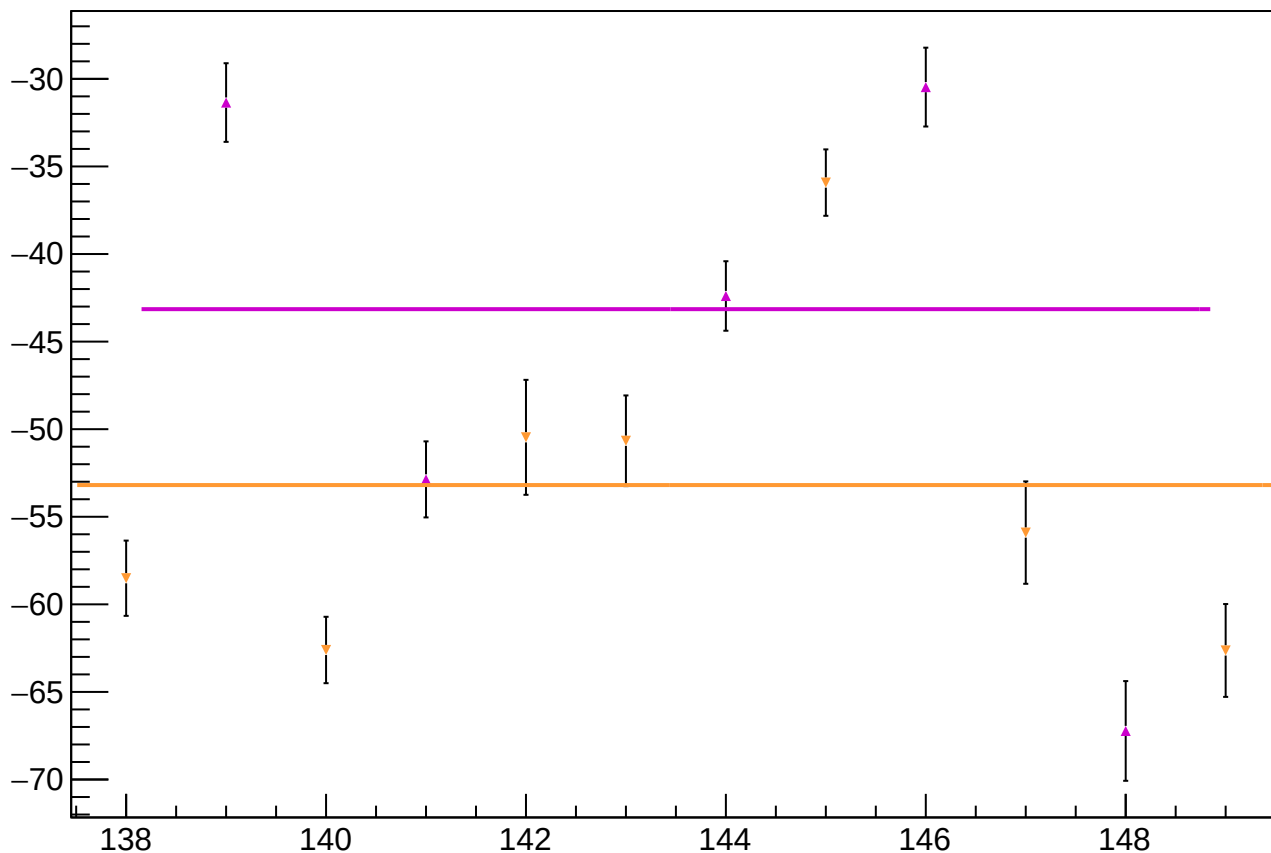
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1660.4/35

In: 0.373 $\pm$ 0.005 χ^2 /NDF:915.7/21

Out: 0.362 $\pm$ 0.005 χ^2 /NDF:1439.4/25

All: 0.367 $\pm$ 0.004 χ^2 /NDF: 2357.6/47

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -53.190+/-0.886 χ^2/NDF :129.0/6

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

Left In: -43.148+/-1.007 χ^2/NDF :151.1/4

Left: -48.811+/-0.665 χ^2/NDF : 336.2/11

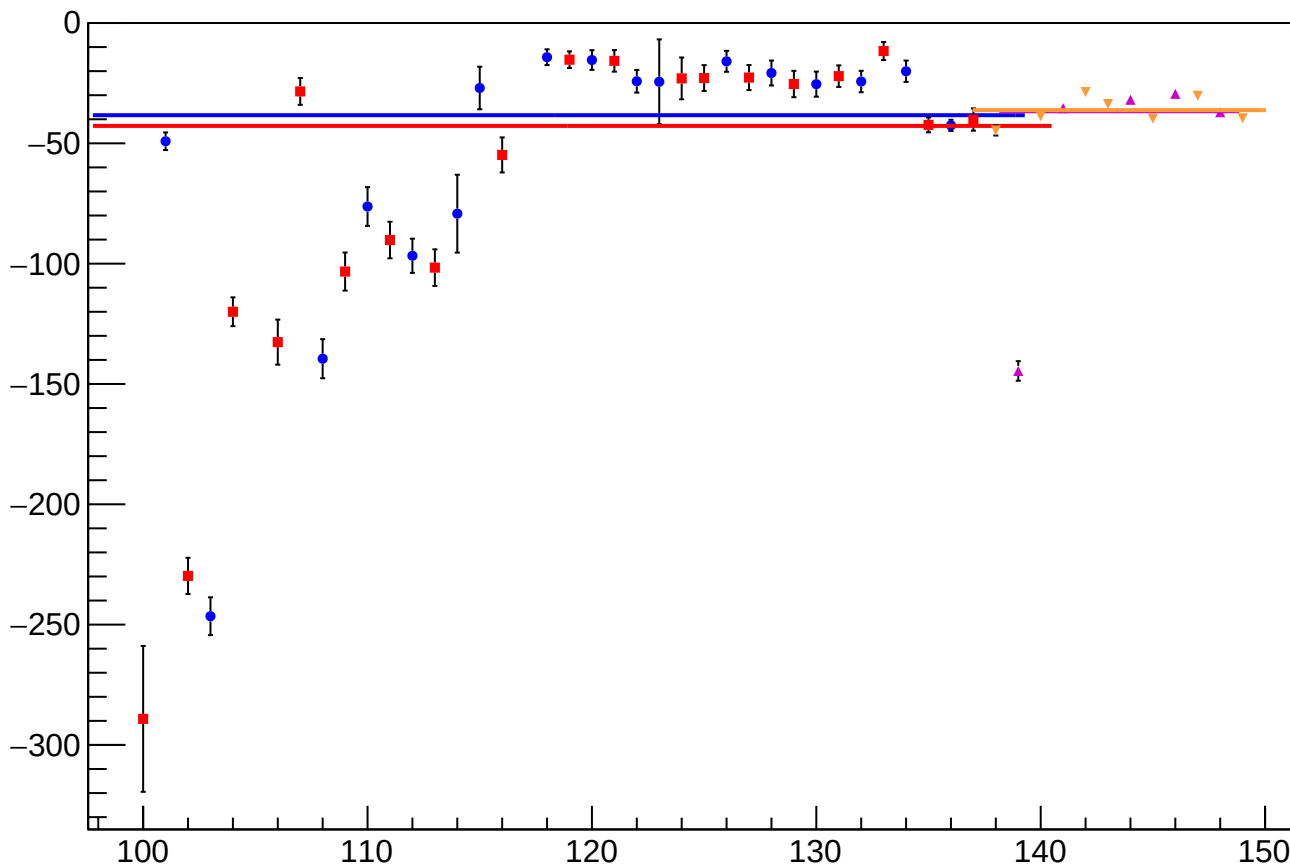
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.148+/-1.007 χ^2/NDF :151.1/4

Out: -53.190+/-0.886 χ^2/NDF :129.0/6

All: -48.811+/-0.665 χ^2/NDF : 336.2/11

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309+/-1.137 χ^2/NDF : 1132.7/16

Left Out: -36.213+/-0.634 χ^2/NDF : 61.4/6

Right Out: -42.756+/-1.211 χ^2/NDF : 1341.6/18

Left In: -36.681+/-0.705 χ^2/NDF : 742.2/4

Left: -36.422+/-0.471 χ^2/NDF : 803.8/11

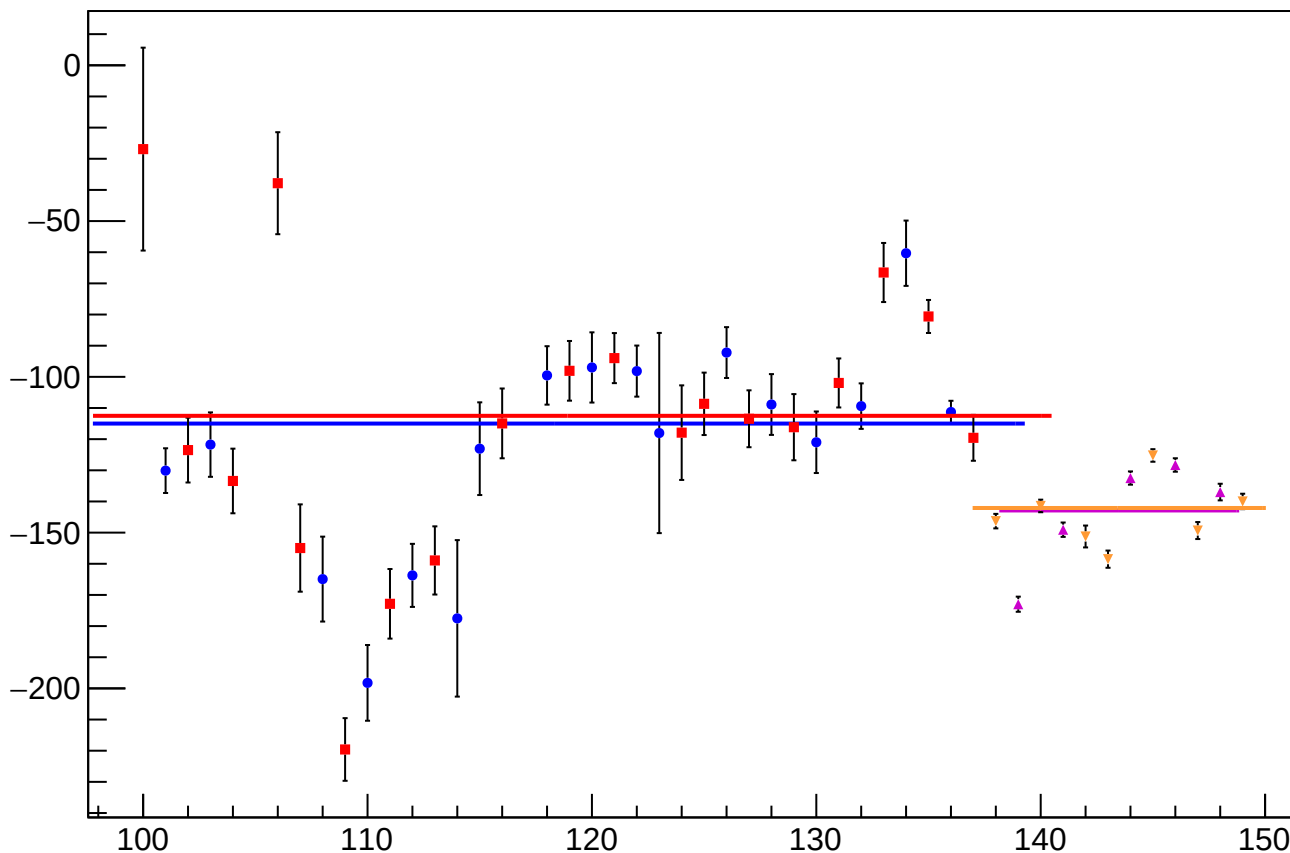
Right: -40.393+/-0.829 χ^2/NDF : 2481.4/35

In: -37.132+/-0.599 χ^2/NDF : 1876.3/21

Out: -37.623+/-0.562 χ^2/NDF : 1425.9/25

All: -37.393+/-0.410 χ^2/NDF : 3302.6/47

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: -142.093 ± 0.919 $\chi^2/\text{NDF}: 123.1/6$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

Left In: -142.885 ± 1.035 $\chi^2/\text{NDF}: 235.4/4$

Left: -142.442 ± 0.687 $\chi^2/\text{NDF}: 358.8/11$

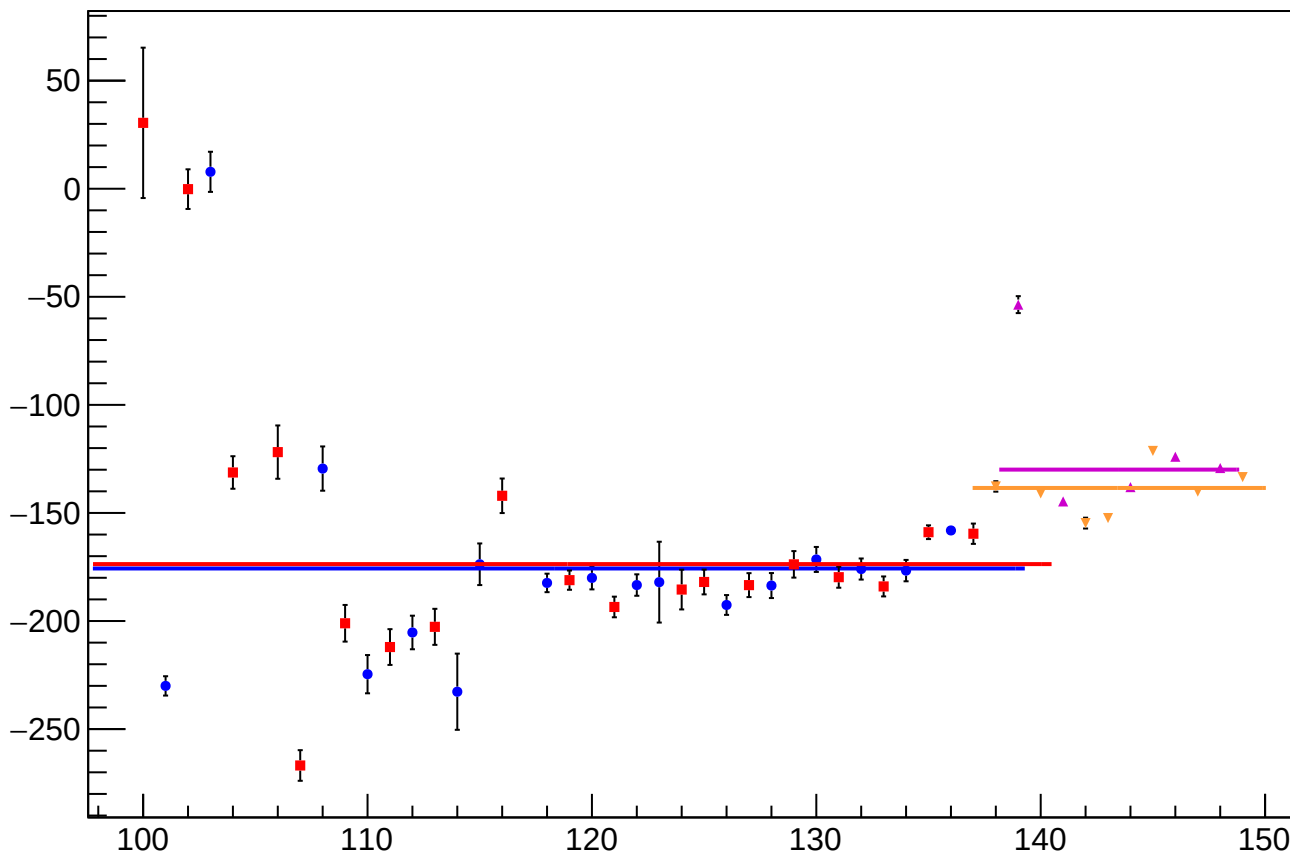
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -137.319 ± 0.926 $\chi^2/\text{NDF}: 522.1/21$

Out: -137.723 ± 0.848 $\chi^2/\text{NDF}: 549.4/25$

All: -137.538 ± 0.625 $\chi^2/\text{NDF}: 1071.6/47$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -138.440 ± 0.775 χ^2/NDF : 187.4/6

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -129.951 ± 0.876 χ^2/NDF : 476.5/4

Left: -134.713 ± 0.580 χ^2/NDF : 716.6/11

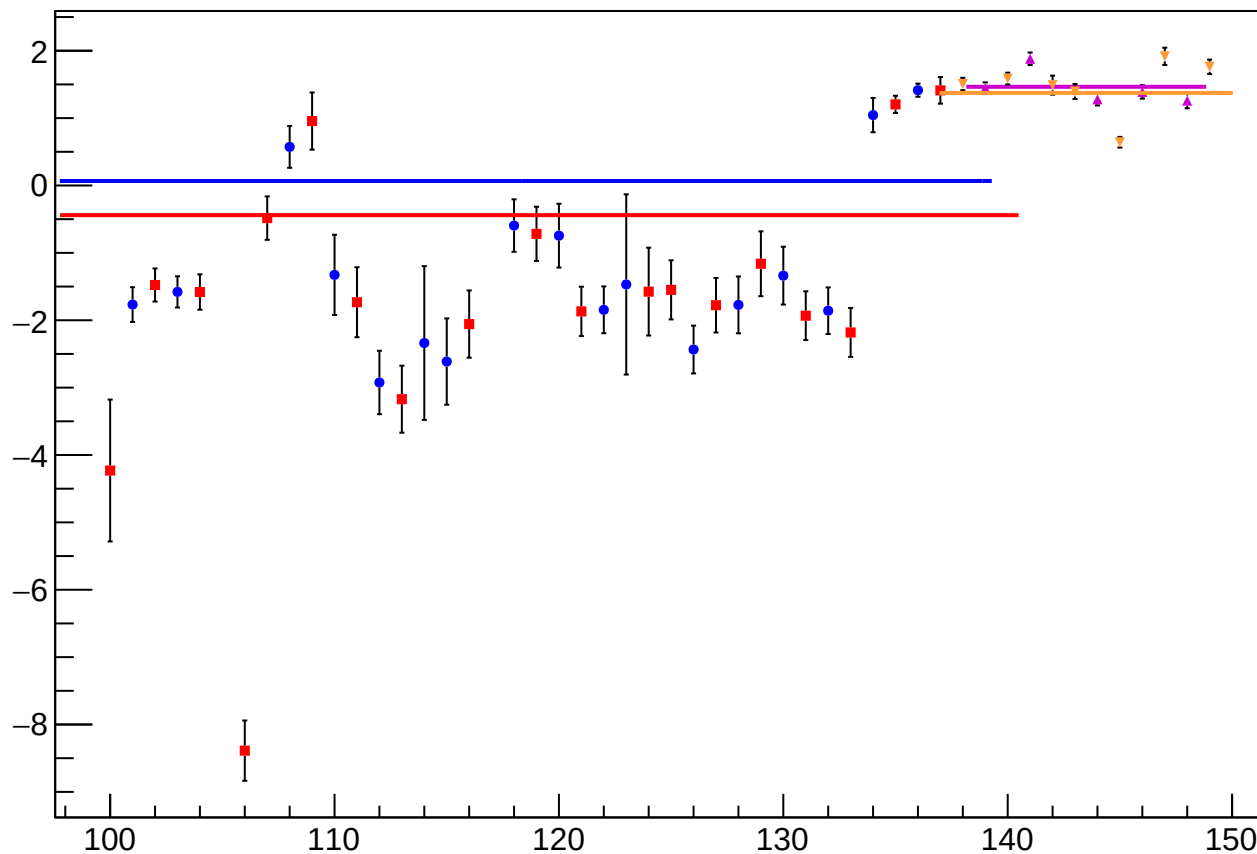
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -144.735 ± 0.721 χ^2/NDF : 2050.9/21

Out: -147.113 ± 0.673 χ^2/NDF : 1433.9/25

All: -146.005 ± 0.492 χ^2/NDF : 3490.7/47

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.374 ± 0.038 χ^2/NDF : 125.2/6

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

Left In: 1.465 ± 0.043 χ^2/NDF : 27.8/4

Left: 1.414 ± 0.029 χ^2/NDF : 155.4/11

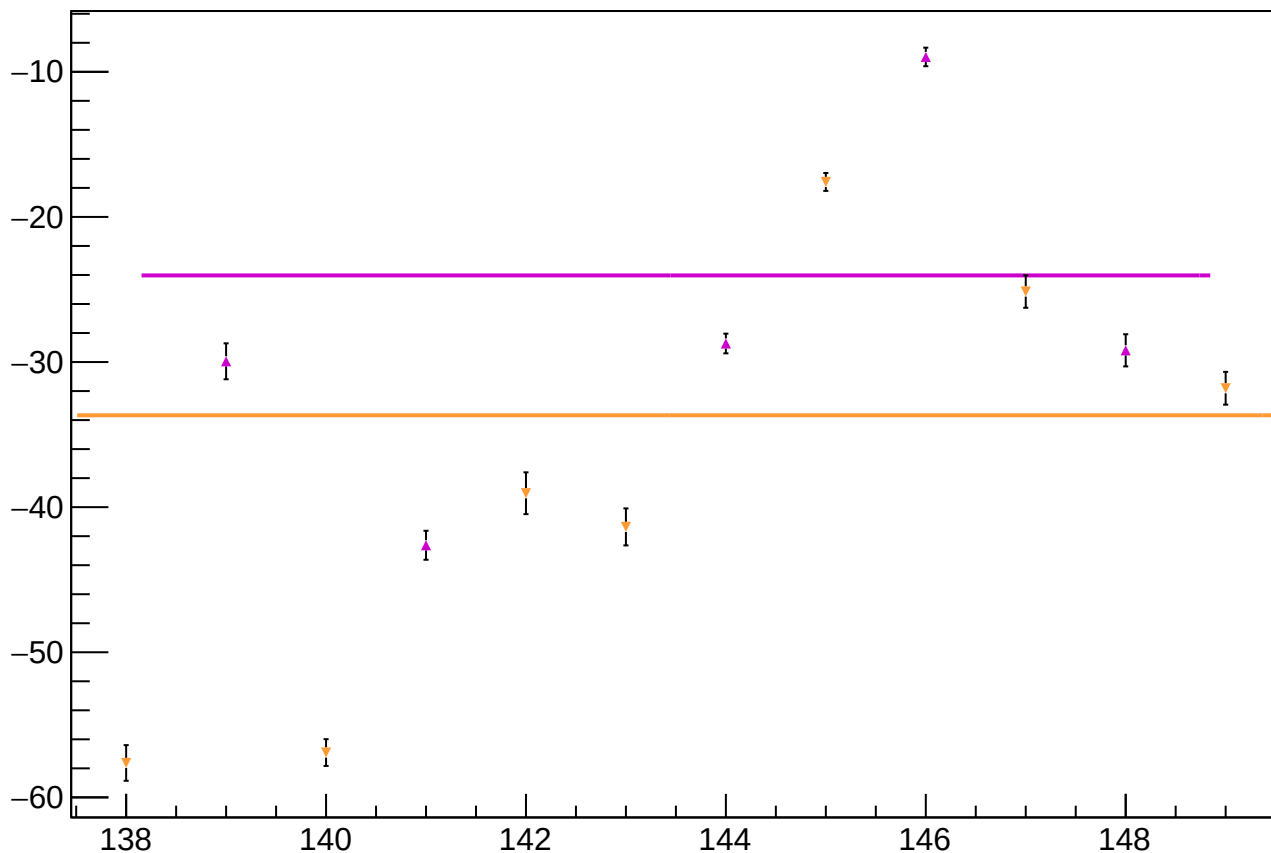
Right: -0.172 ± 0.049 χ^2/NDF : 1308.0/35

In: 1.058 ± 0.036 χ^2/NDF : 863.0/21

Out: 0.968 ± 0.034 χ^2/NDF : 1385.2/25

All: 1.010 ± 0.025 χ^2/NDF : 2251.5/47

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.669+/-0.374 χ^2/NDF :1804.2/6

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

Left In: -24.030+/-0.375 χ^2/NDF :995.3/4

Left: -28.864+/-0.265 χ^2/NDF : 3130.2/11

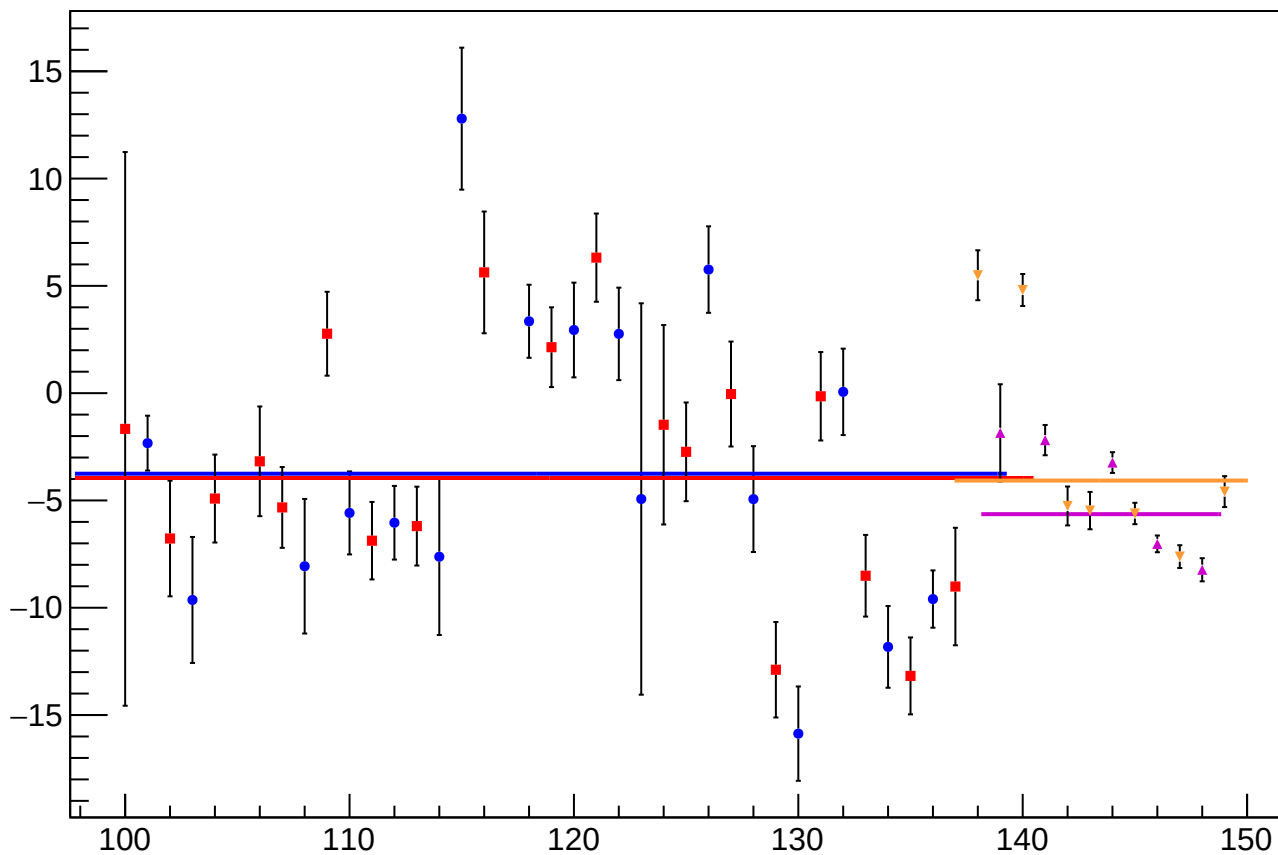
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.030+/-0.375 χ^2/NDF :995.3/4

Out: -33.669+/-0.374 χ^2/NDF :1804.2/6

All: -28.864+/-0.265 χ^2/NDF : 3130.2/11

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: -4.072 ± 0.262 $\chi^2/\text{NDF}: 268.4/6$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

Left In: -5.639 ± 0.246 $\chi^2/\text{NDF}: 87.2/4$

Left: -4.905 ± 0.179 $\chi^2/\text{NDF}: 374.6/11$

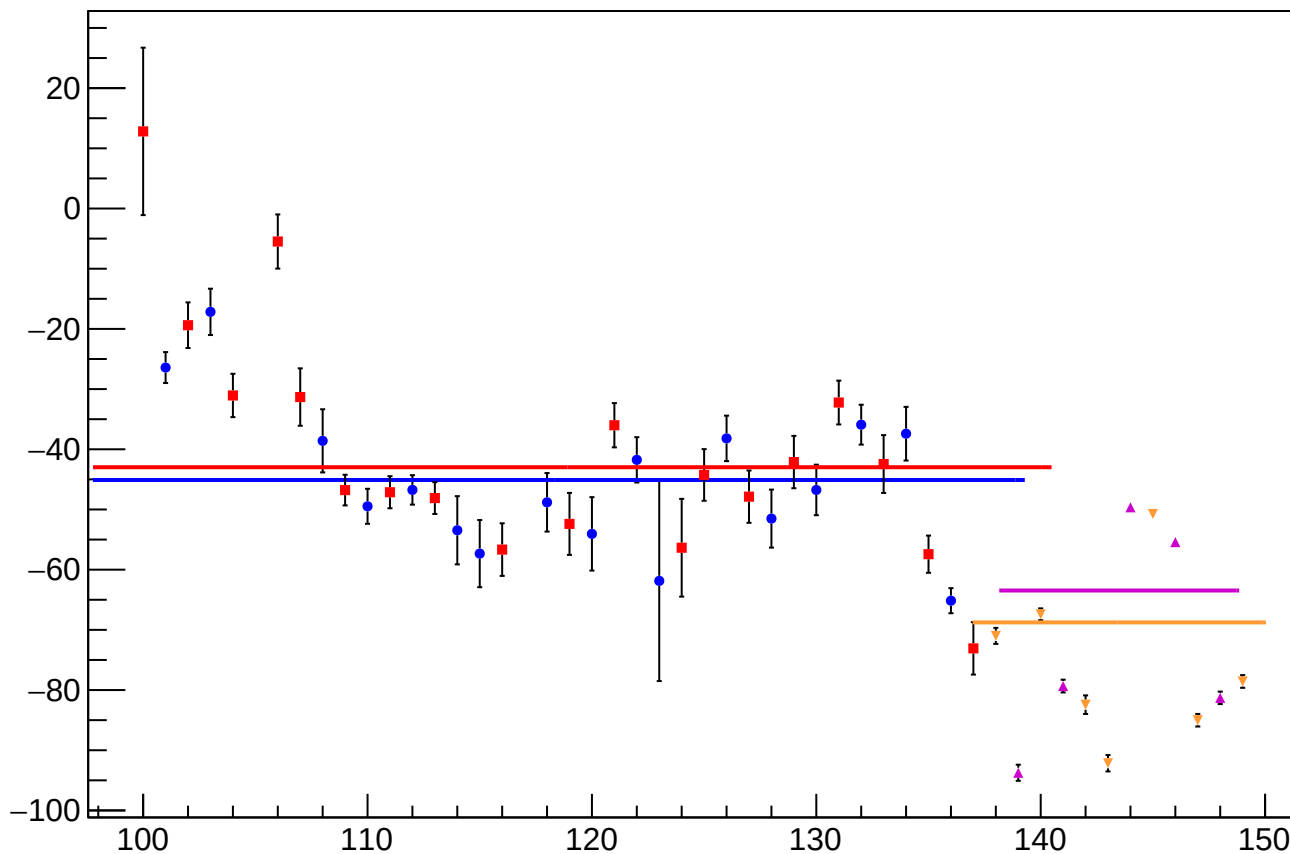
Right: -3.852 ± 0.354 $\chi^2/\text{NDF}: 288.7/35$

In: -5.265 ± 0.220 $\chi^2/\text{NDF}: 264.2/21$

Out: -4.047 ± 0.233 $\chi^2/\text{NDF}: 391.8/25$

All: -4.689 ± 0.160 $\chi^2/\text{NDF}: 670.4/47$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -68.761 ± 0.386 χ^2/NDF : 1462.4/6

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

Left In: -63.461 ± 0.380 χ^2/NDF : 1564.0/4

Left: -66.068 ± 0.271 χ^2/NDF : 3122.0/11

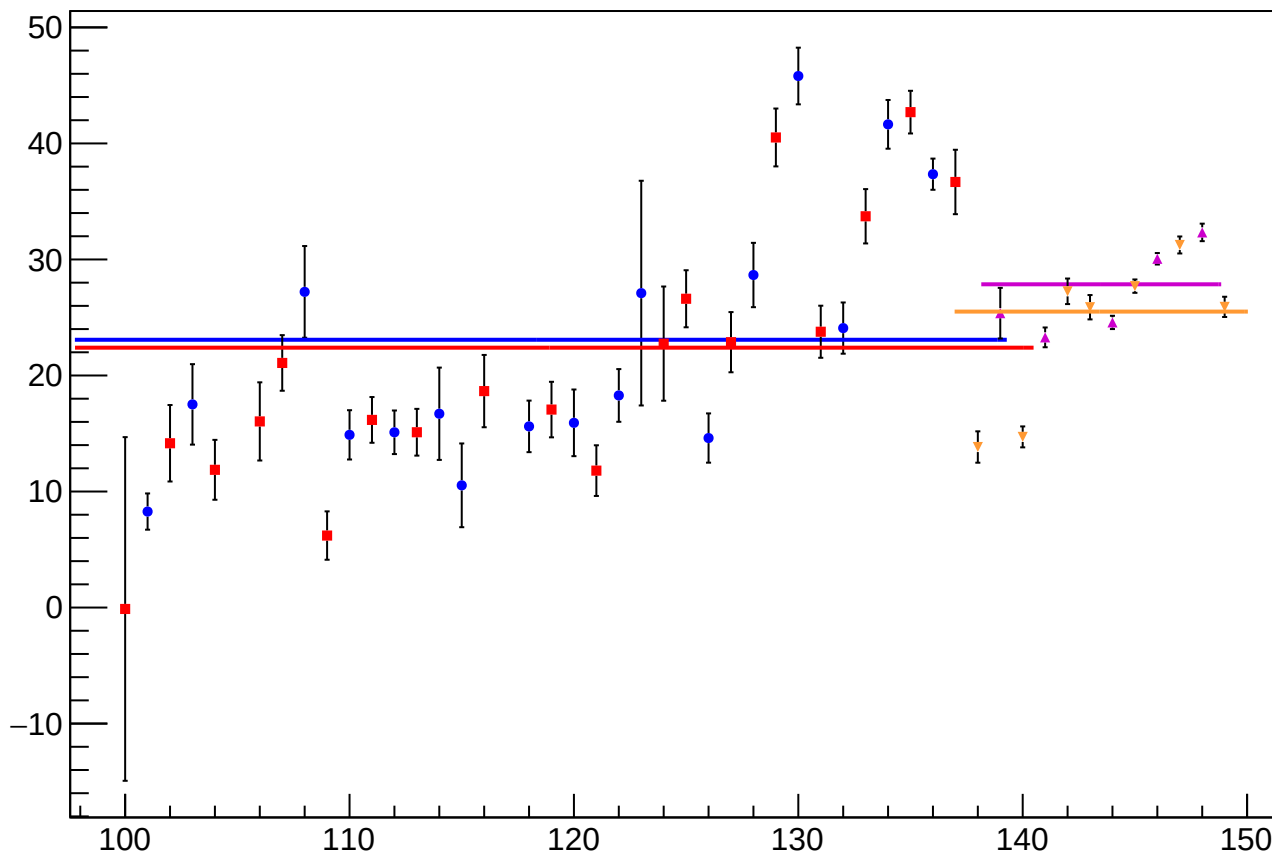
Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35

In: -60.580 ± 0.349 χ^2/NDF : 2160.1/21

Out: -64.574 ± 0.354 χ^2/NDF : 2434.5/25

All: -62.550 ± 0.248 χ^2/NDF : 4659.3/47

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 ± 0.556 χ^2/NDF : 461.1/16

Left Out: 25.507 ± 0.321 χ^2/NDF : 296.5/6

Right Out: 22.397 ± 0.572 χ^2/NDF : 370.3/18

Left In: 27.859 ± 0.309 χ^2/NDF : 117.9/4

Left: 26.728 ± 0.223 χ^2/NDF : 442.3/11

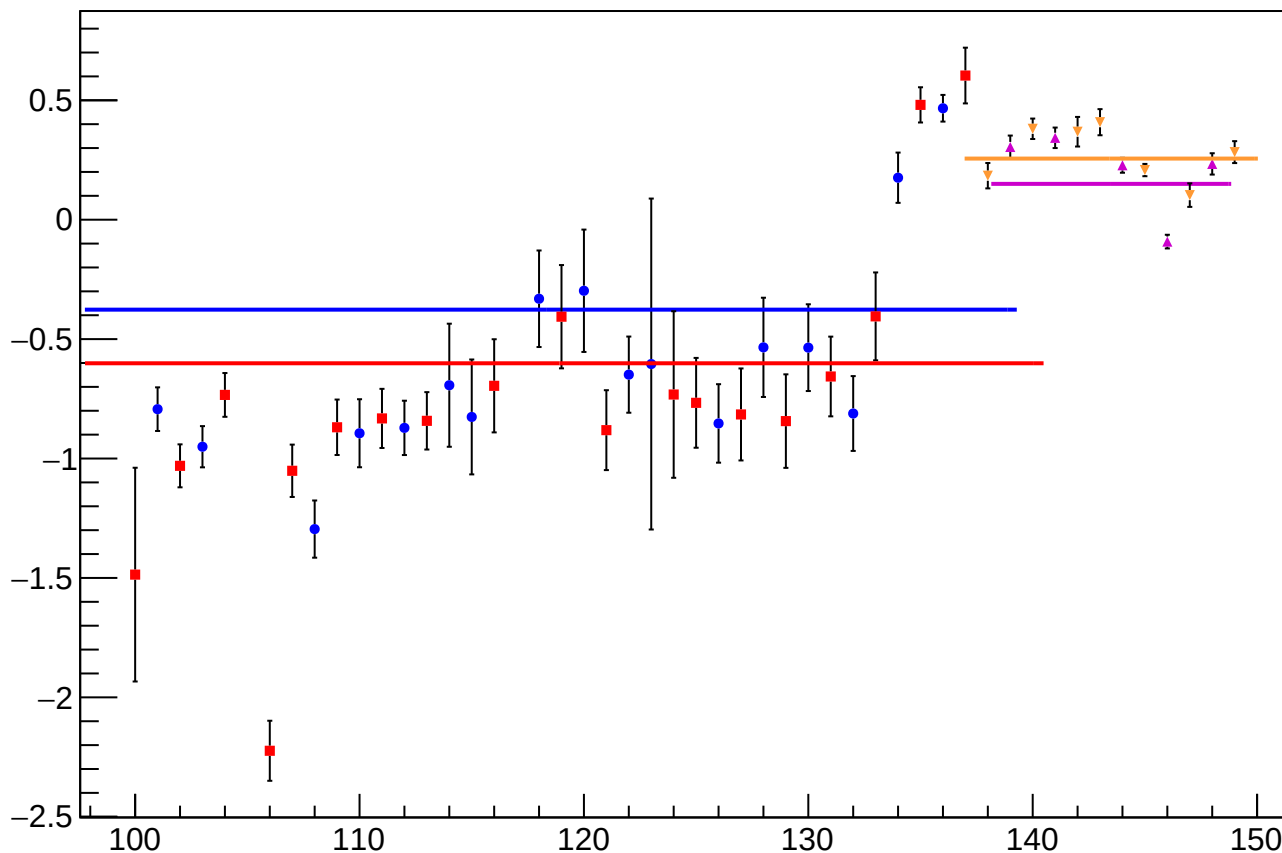
Right: 22.748 ± 0.399 χ^2/NDF : 832.1/35

In: 26.731 ± 0.270 χ^2/NDF : 635.5/21

Out: 24.763 ± 0.280 χ^2/NDF : 689.3/25

All: 25.783 ± 0.194 χ^2/NDF : 1350.4/47

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: 0.256 ± 0.016 $\chi^2/\text{NDF}: 34.9/6$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

Left In: 0.150 ± 0.016 $\chi^2/\text{NDF}: 111.5/4$

Left: 0.204 ± 0.011 $\chi^2/\text{NDF}: 167.7/11$

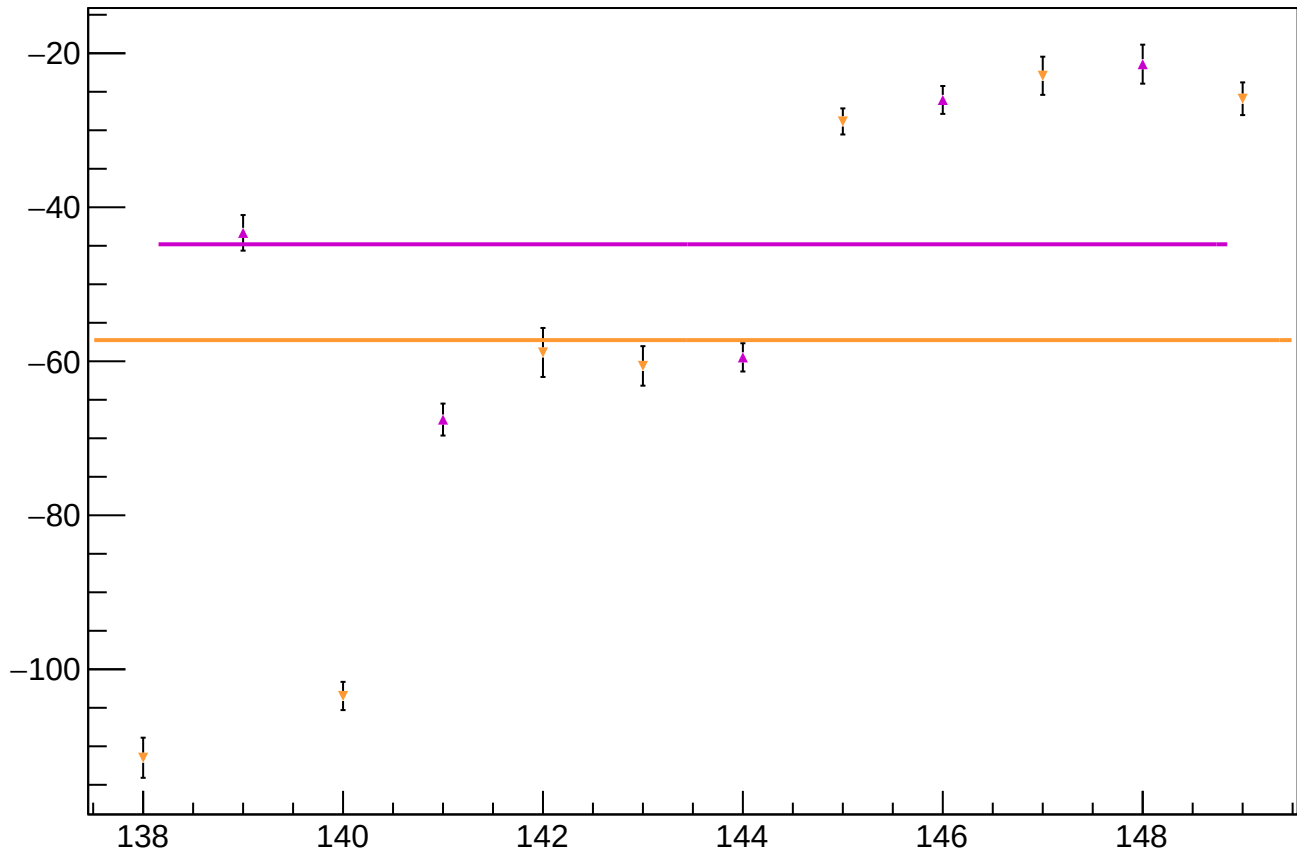
Right: -0.489 ± 0.021 $\chi^2/\text{NDF}: 1020.5/35$

In: 0.029 ± 0.014 $\chi^2/\text{NDF}: 785.2/21$

Out: 0.067 ± 0.014 $\chi^2/\text{NDF}: 1219.8/25$

All: 0.049 ± 0.010 $\chi^2/\text{NDF}: 2008.5/47$

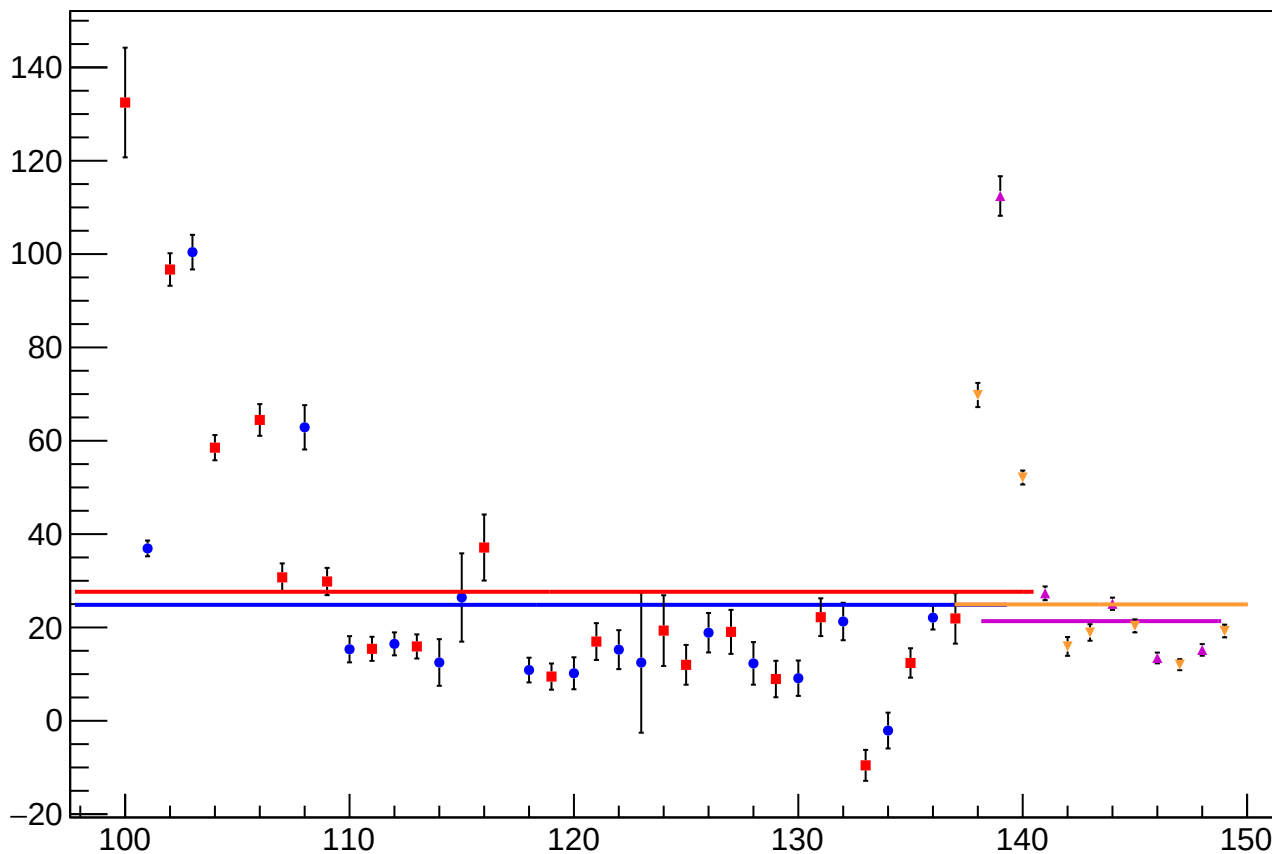
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.250+/-0.837 χ^2/NDF :1761.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.808+/-0.922 χ^2/NDF :377.4/4

Left: -51.628+/-0.619 χ^2/NDF : 2239.3/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -44.808+/-0.922 χ^2/NDF :377.4/4
 Out: -57.250+/-0.837 χ^2/NDF :1761.9/6
 All: -51.628+/-0.619 χ^2/NDF : 2239.3/11

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: 24.939 $\pm$ 0.585 χ^2 /NDF:806.9/6

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

Left In: 21.356 $\pm$ 0.633 χ^2 /NDF:557.0/4

Left: 23.289 $\pm$ 0.430 χ^2 /NDF: 1381.1/11

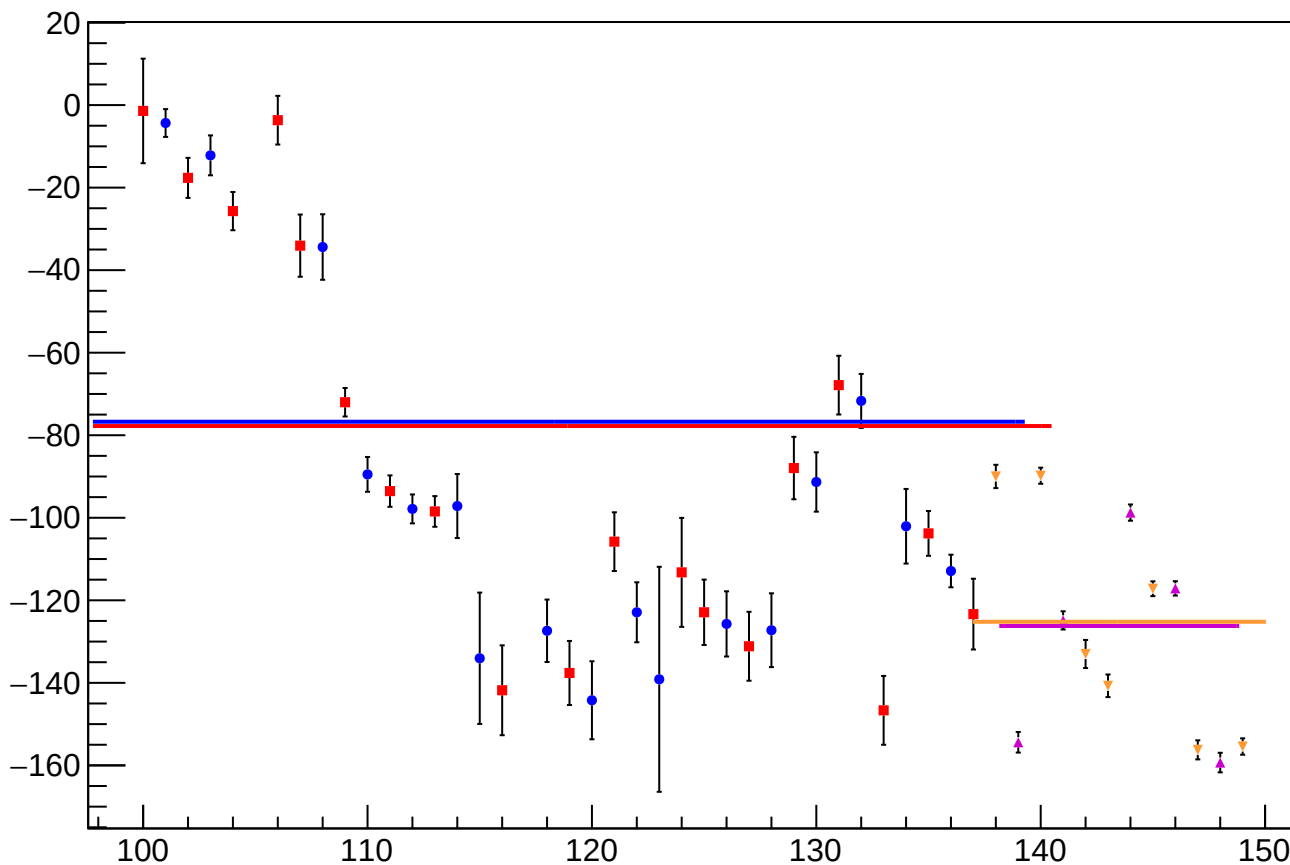
Right: 26.231 $\pm$ 0.570 χ^2 /NDF: 1706.0/35

In: 22.700 $\pm$ 0.497 χ^2 /NDF:1259.5/21

Out: 25.867 $\pm$ 0.474 χ^2 /NDF:1823.4/25

All: 24.356 $\pm$ 0.343 χ^2 /NDF: 3104.2/47

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -125.203 ± 0.858 χ^2/NDF : 953.1/6

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

Left In: -126.226 ± 0.940 χ^2/NDF : 545.0/4

Left: -125.668 ± 0.634 χ^2/NDF : 1498.8/11

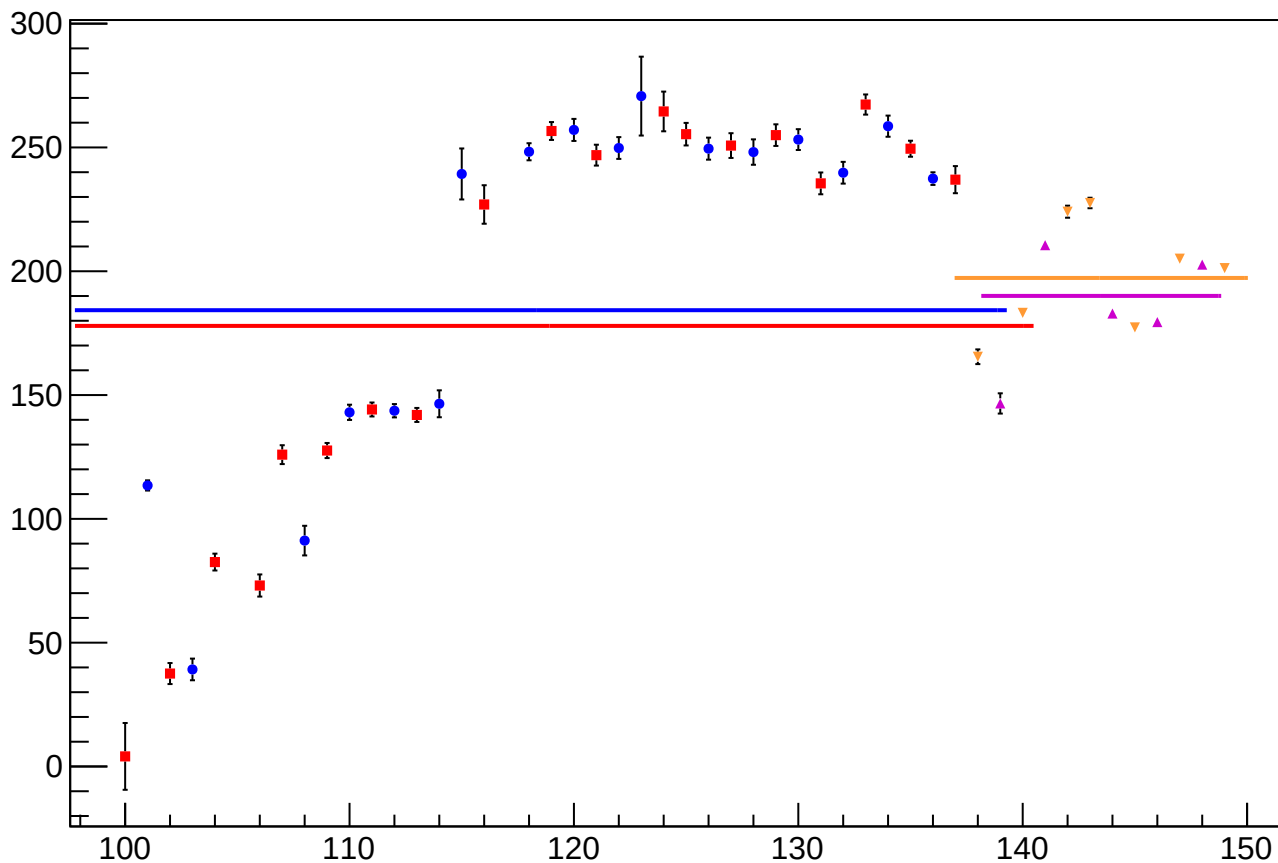
Right: -77.273 ± 0.977 χ^2/NDF : 1914.1/35

In: -111.037 ± 0.782 χ^2/NDF : 2438.5/21

Out: -111.594 ± 0.724 χ^2/NDF : 2702.2/25

All: -111.337 ± 0.531 χ^2/NDF : 5141.0/47

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: 197.296 $\pm$ 0.717 χ^2 /NDF: 683.2/6

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

Left In: 190.044 $\pm$ 0.787 χ^2 /NDF: 374.5/4

Left: 194.008 $\pm$ 0.530 χ^2 /NDF: 1104.1/11

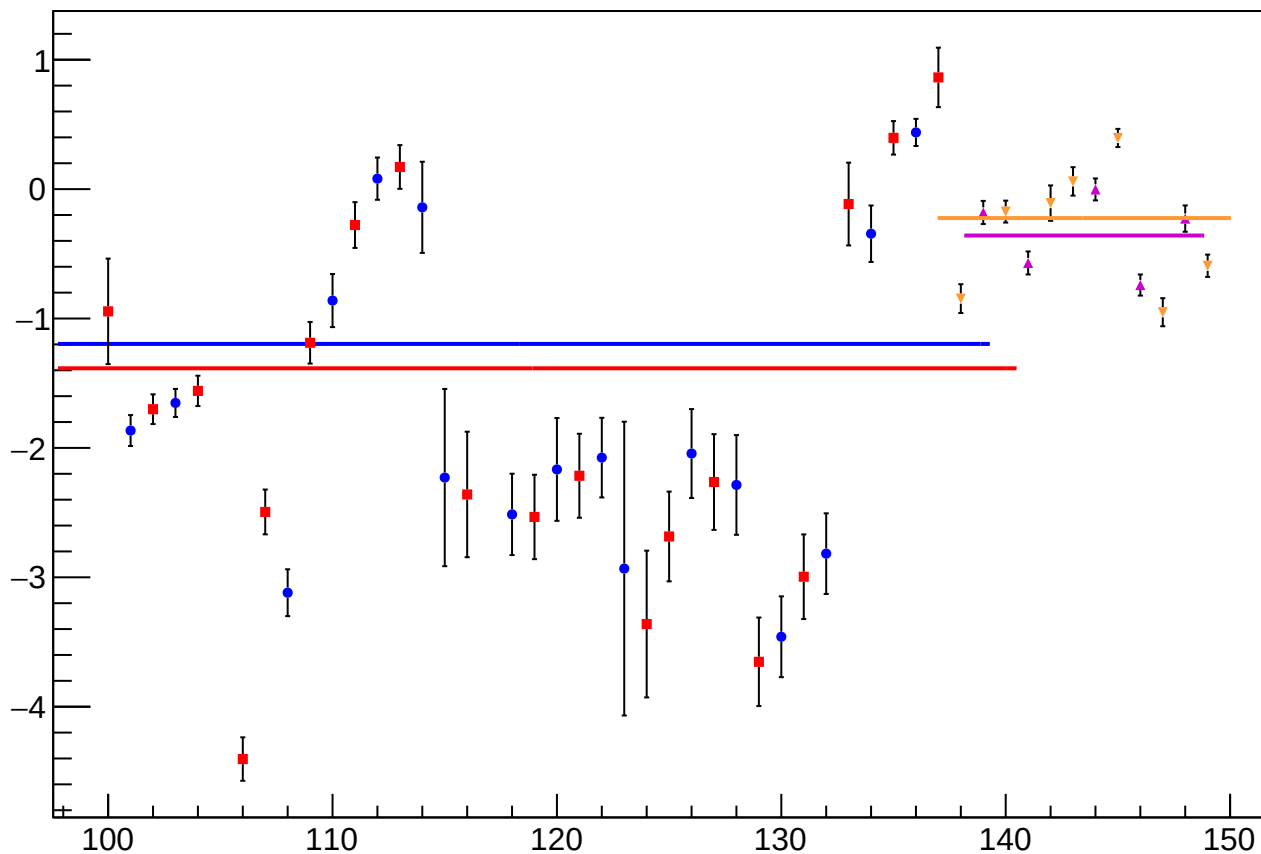
Right: 181.136 $\pm$ 0.650 χ^2 /NDF: 11755.7/35

In: 187.584 $\pm$ 0.596 χ^2 /NDF: 5798.4/21

Out: 190.016 $\pm$ 0.566 χ^2 /NDF: 7288.3/25

All: 188.862 $\pm$ 0.411 χ^2 /NDF: 13095.5/47

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.224 ± 0.036 χ^2/NDF : 179.8/6

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

Left In: -0.359 ± 0.040 χ^2/NDF : 51.0/4

Left: -0.284 ± 0.027 χ^2/NDF : 237.2/11

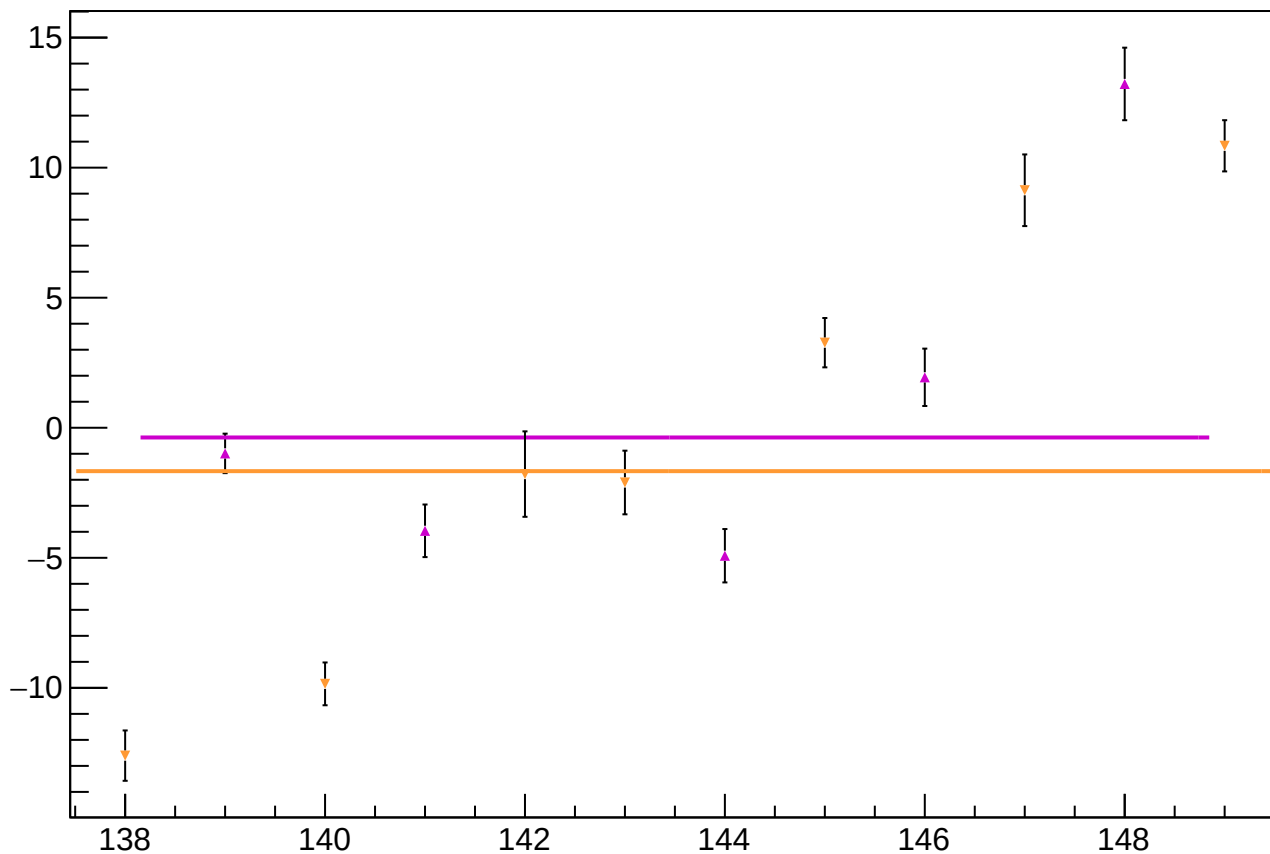
Right: -1.295 ± 0.033 χ^2/NDF : 1555.6/35

In: -0.697 ± 0.031 χ^2/NDF : 855.0/21

Out: -0.665 ± 0.028 χ^2/NDF : 1503.0/25

All: -0.680 ± 0.021 χ^2/NDF : 2358.6/47

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.668+/-0.400 χ^2/NDF : 476.7/6

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

Left In: -0.374+/-0.447 χ^2/NDF : 132.3/4

Left: -1.093+/-0.298 χ^2/NDF : 613.7/11

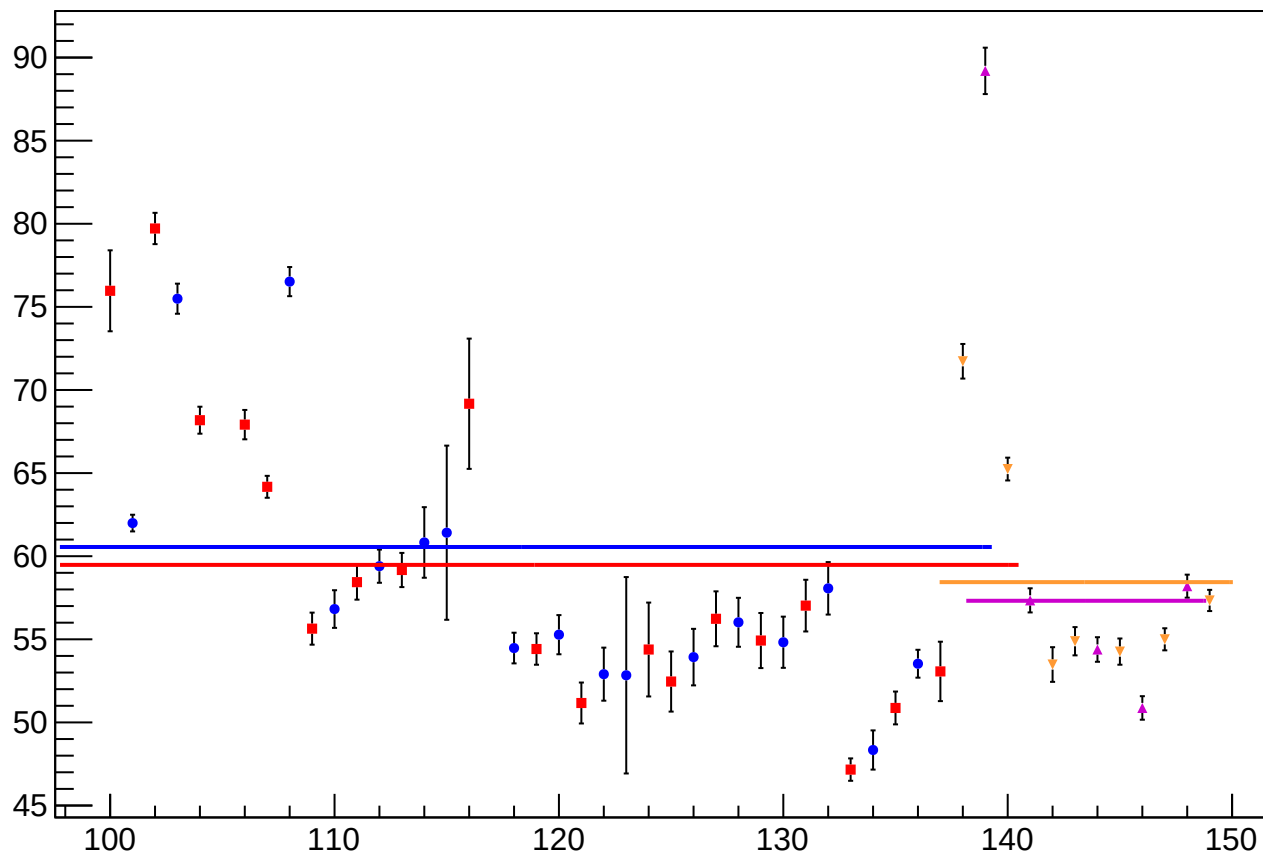
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.374+/-0.447 χ^2/NDF : 132.3/4

Out: -1.668+/-0.400 χ^2/NDF : 476.7/6

All: -1.093+/-0.298 χ^2/NDF : 613.7/11

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: 58.440 ± 0.293 $\chi^2/\text{NDF}: 359.0/6$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

Left In: 57.318 ± 0.347 $\chi^2/\text{NDF}: 621.8/4$

Left: 57.973 ± 0.224 $\chi^2/\text{NDF}: 986.9/11$

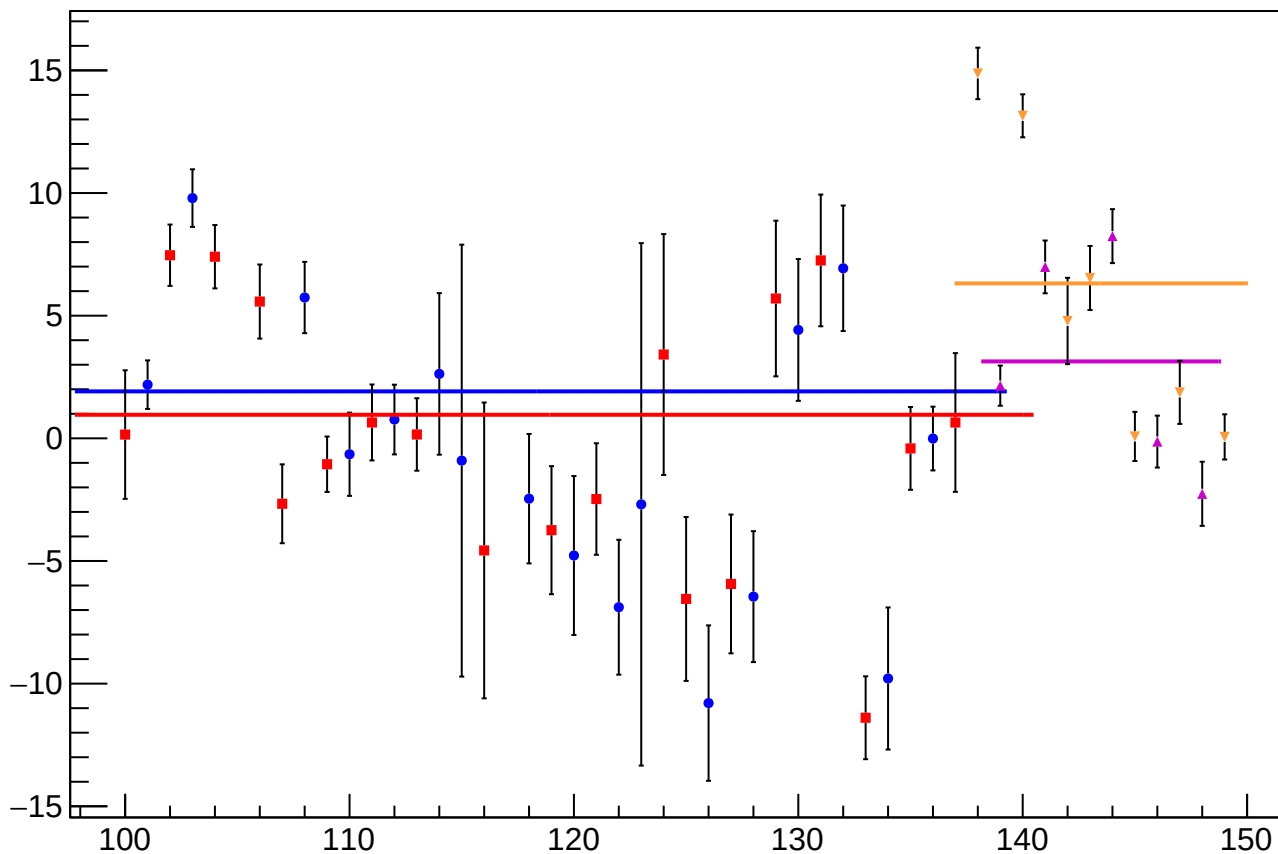
Right: 59.987 ± 0.180 $\chi^2/\text{NDF}: 2256.7/35$

In: 59.380 ± 0.209 $\chi^2/\text{NDF}: 1608.1/21$

Out: 59.044 ± 0.189 $\chi^2/\text{NDF}: 1683.3/25$

All: 59.195 ± 0.140 $\chi^2/\text{NDF}: 3292.8/47$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 6.316 ± 0.412 χ^2/NDF : 224.9/6

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

Left In: 3.136 ± 0.463 χ^2/NDF : 62.5/4

Left: 4.912 ± 0.308 χ^2/NDF : 313.7/11

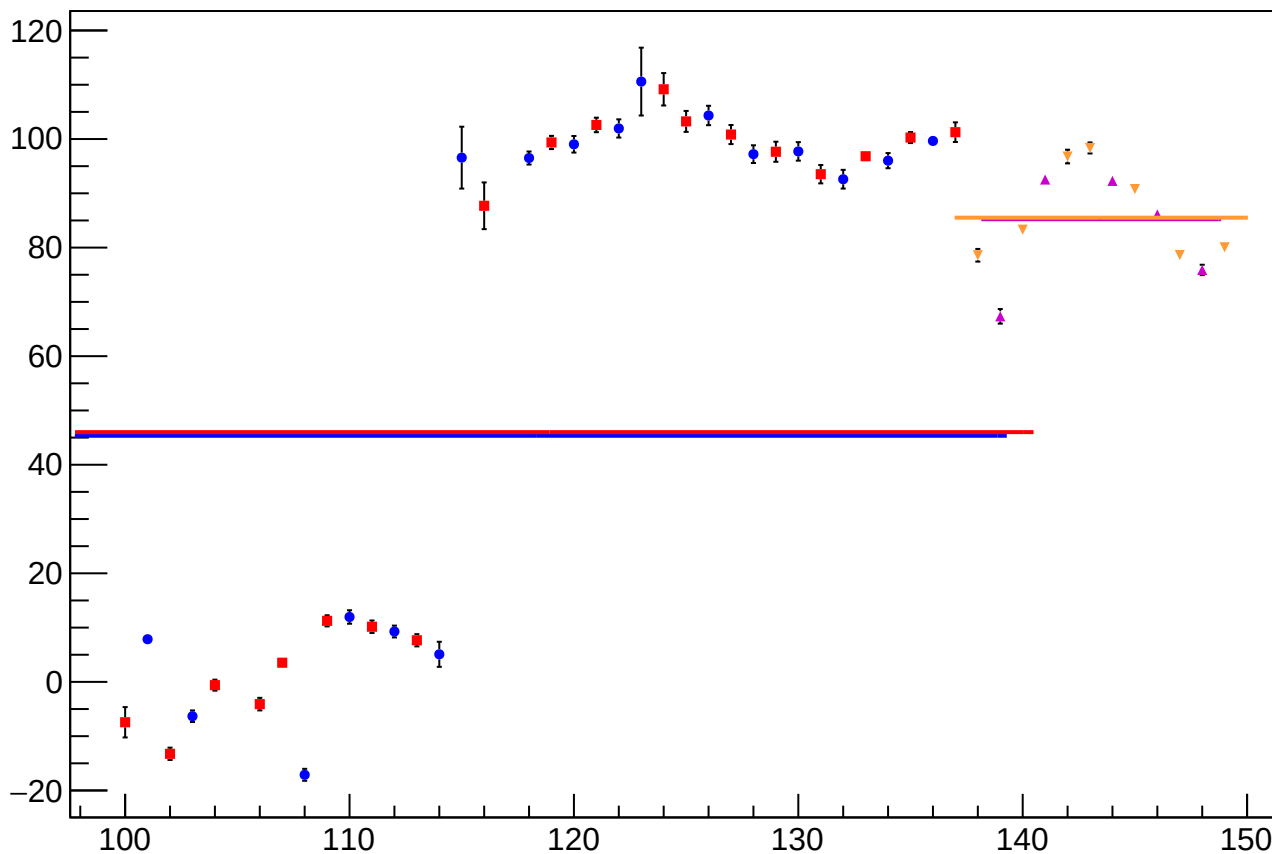
Right: 1.401 ± 0.311 χ^2/NDF : 273.4/35

In: 2.518 ± 0.326 χ^2/NDF : 187.6/21

Out: 3.718 ± 0.295 χ^2/NDF : 456.5/25

All: 3.176 ± 0.219 χ^2/NDF : 651.5/47

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 85.515+/-0.355 χ^2/NDF : 423.9/6

Right Out: 46.007+/-0.289 χ^2/NDF : 28219.9/18

Left In: 85.228+/-0.423 χ^2/NDF : 409.1/4

Left: 85.396+/-0.272 χ^2/NDF : 833.3/11

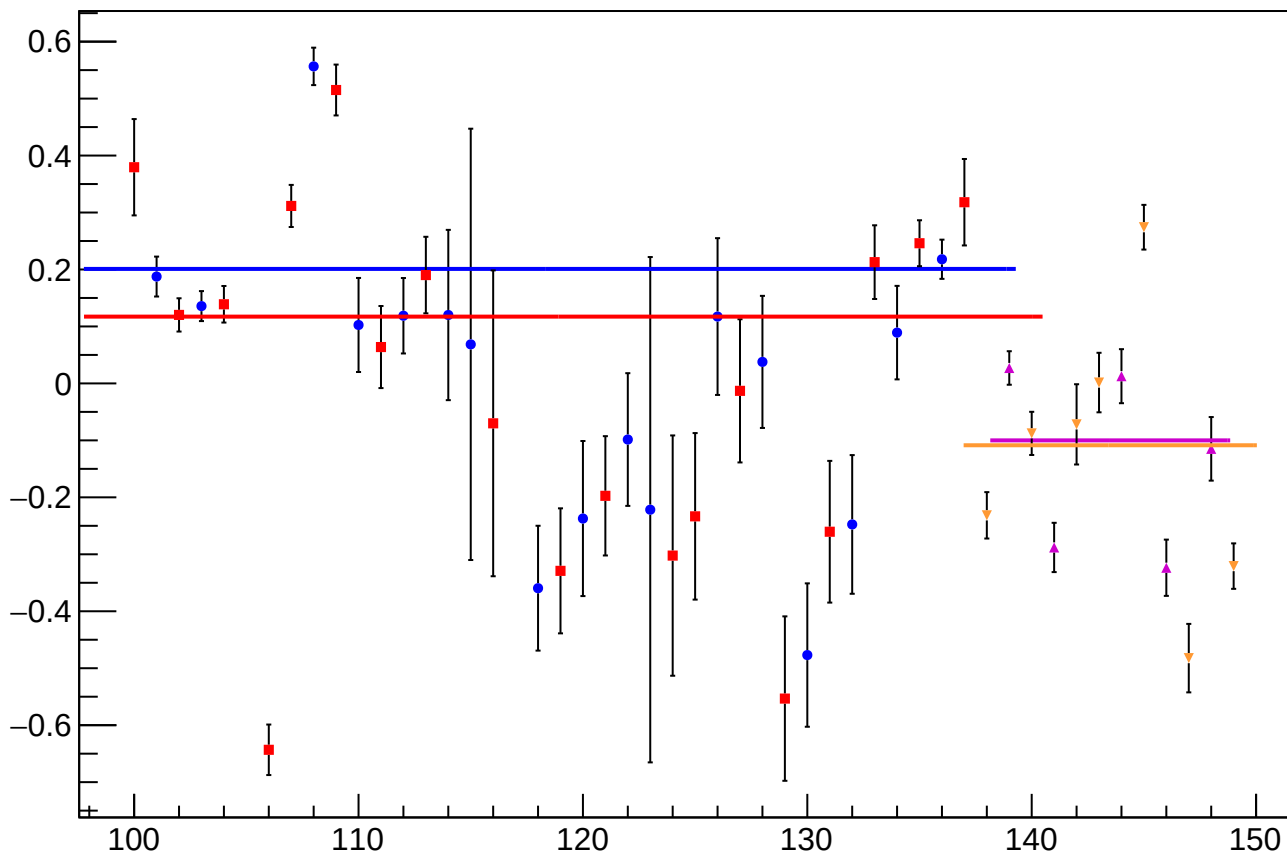
Right: 45.691+/-0.209 χ^2/NDF : 53293.4/35

In: 58.885+/-0.246 χ^2/NDF : 31353.8/21

Out: 61.790+/-0.224 χ^2/NDF : 36085.7/25

All: 60.474+/-0.166 χ^2/NDF : 67515.5/47

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.109 ± 0.017 χ^2/NDF : 176.2/6

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

Left In: -0.100 ± 0.019 χ^2/NDF : 63.7/4

Left: -0.105 ± 0.013 χ^2/NDF : 240.1/11

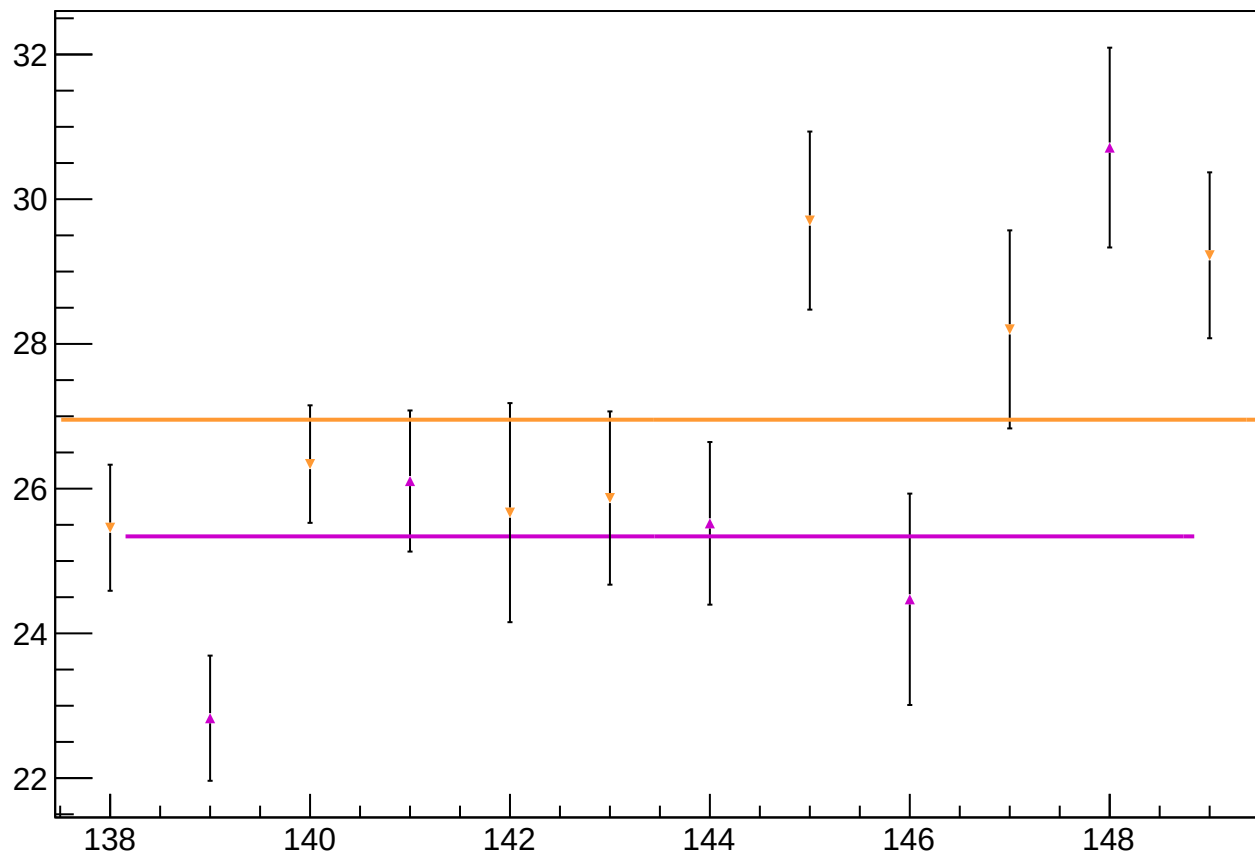
Right: 0.156 ± 0.010 χ^2/NDF : 737.1/35

In: 0.092 ± 0.011 χ^2/NDF : 447.5/21

Out: 0.034 ± 0.010 χ^2/NDF : 786.8/25

All: 0.061 ± 0.008 χ^2/NDF : 1248.7/47

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: 26.953 $\pm$ 0.411 χ^2 /NDF:14.8/6

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

Left In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Left: 26.286 $\pm$ 0.315 χ^2 /NDF: 45.8/11

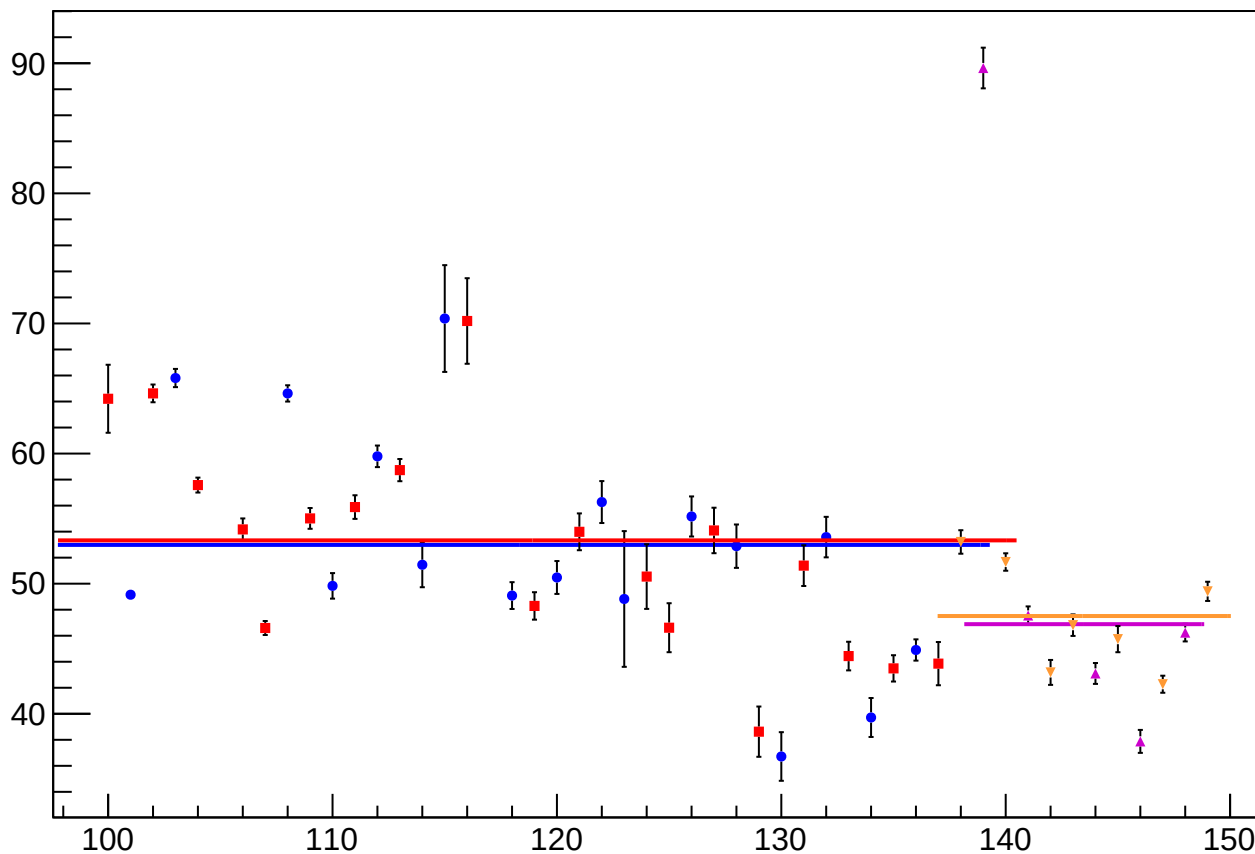
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Out: 26.953 $\pm$ 0.411 χ^2 /NDF:14.8/6

All: 26.286 $\pm$ 0.315 χ^2 /NDF: 45.8/11

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 47.514 $\pm$ 0.299 χ^2 /NDF:173.0/6

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

Left In: 46.888 $\pm$ 0.366 χ^2 /NDF:876.2/4

Left: 47.263 $\pm$ 0.232 χ^2 /NDF: 1050.9/11

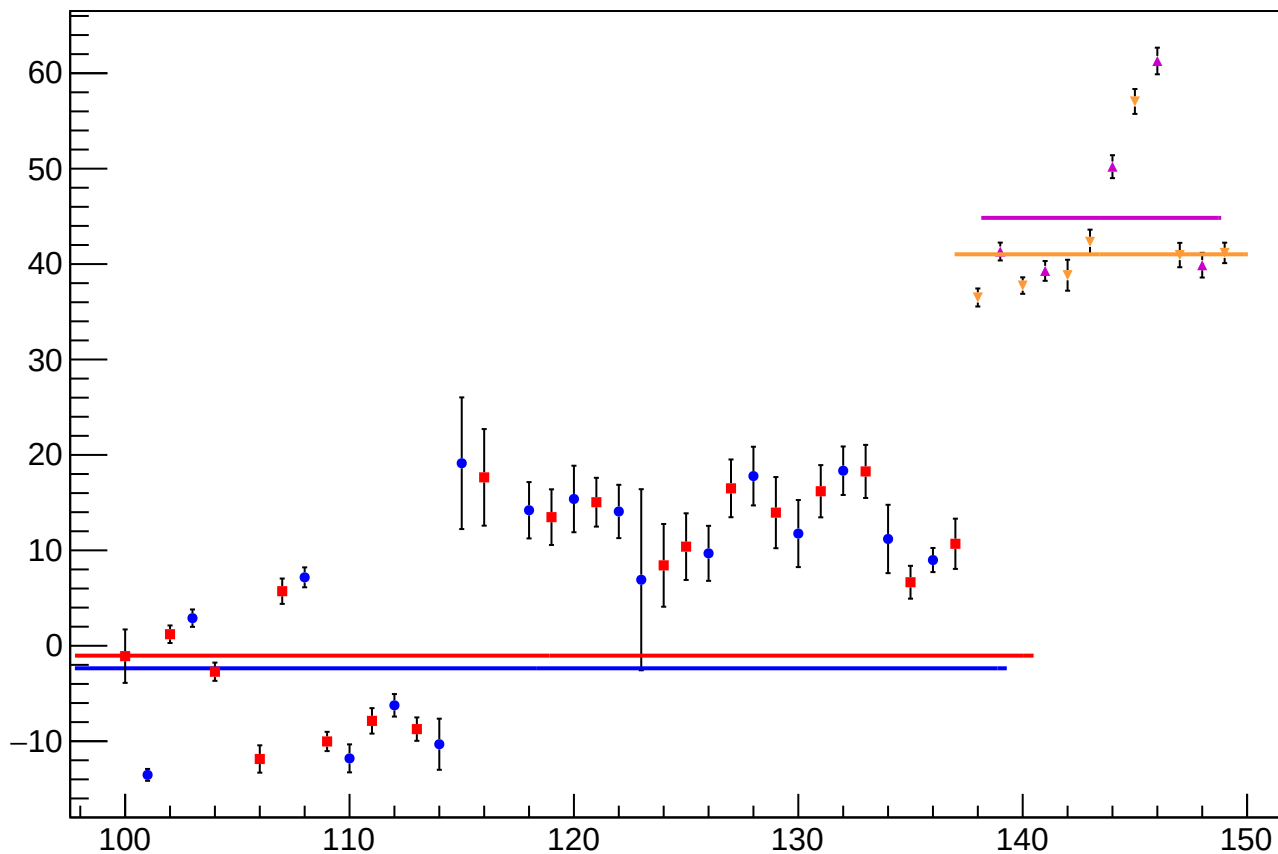
Right: 53.141 $\pm$ 0.154 χ^2 /NDF: 2071.7/35

In: 51.469 $\pm$ 0.182 χ^2 /NDF:2282.5/21

Out: 51.209 $\pm$ 0.181 χ^2 /NDF:1285.4/25

All: 51.338 $\pm$ 0.128 χ^2 /NDF: 3568.9/47

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 41.024 ± 0.426 χ^2/NDF : 190.8/6

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

Left In: 44.842 ± 0.508 χ^2/NDF : 216.4/4

Left: 42.599 ± 0.326 χ^2/NDF : 440.4/11

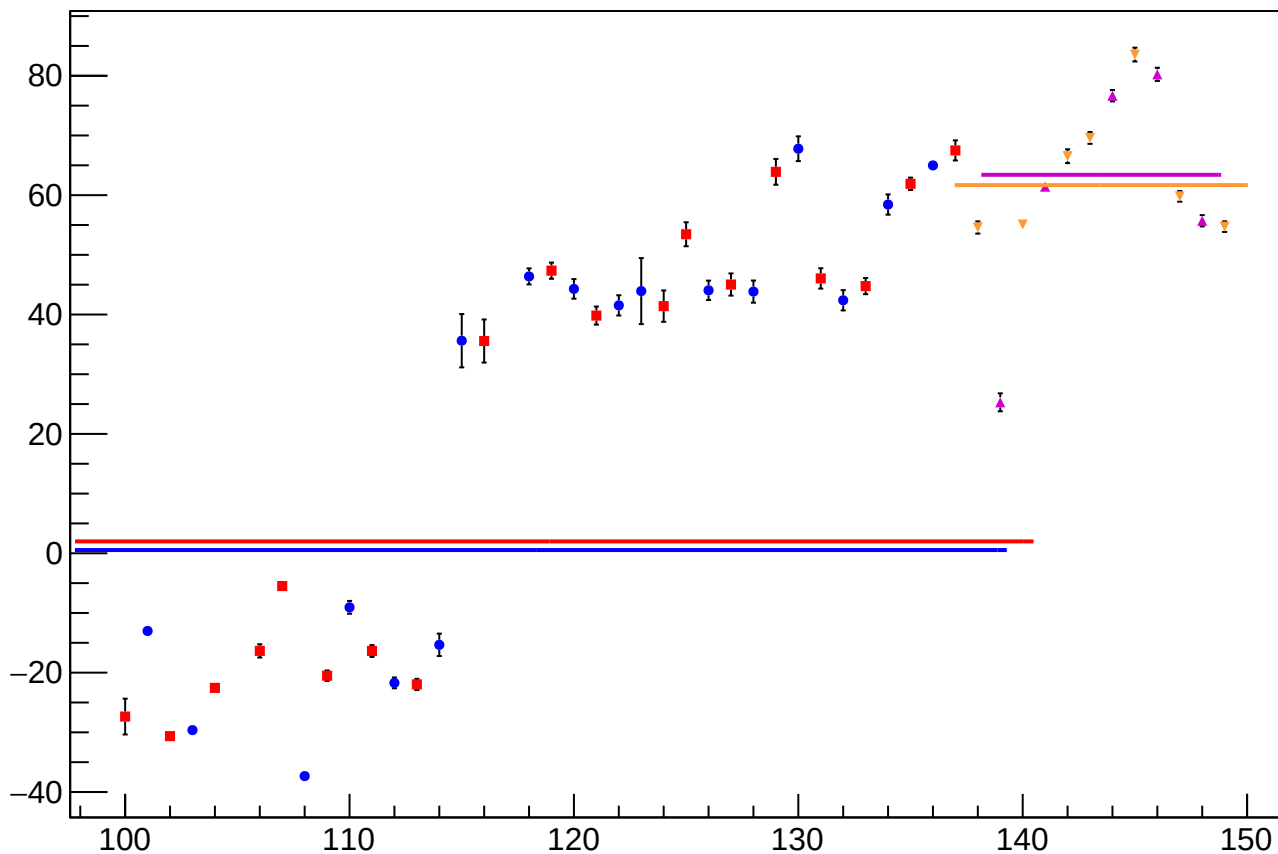
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 13.640 ± 0.296 χ^2/NDF : 6763.3/21

Out: 17.450 ± 0.282 χ^2/NDF : 6171.1/25

All: 15.634 ± 0.204 χ^2/NDF : 13021.3/47

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.247 χ^2 /NDF: 18423.8/16

Left Out: 61.685 $\pm$ 0.365 χ^2 /NDF:619.2/6

Right Out: 1.990 $\pm$ 0.267 χ^2 /NDF: 15476.7/18

Left In: 63.409 $\pm$ 0.451 χ^2 /NDF:1138.0/4

Left: 62.367 $\pm$ 0.284 χ^2 /NDF: 1766.0/11

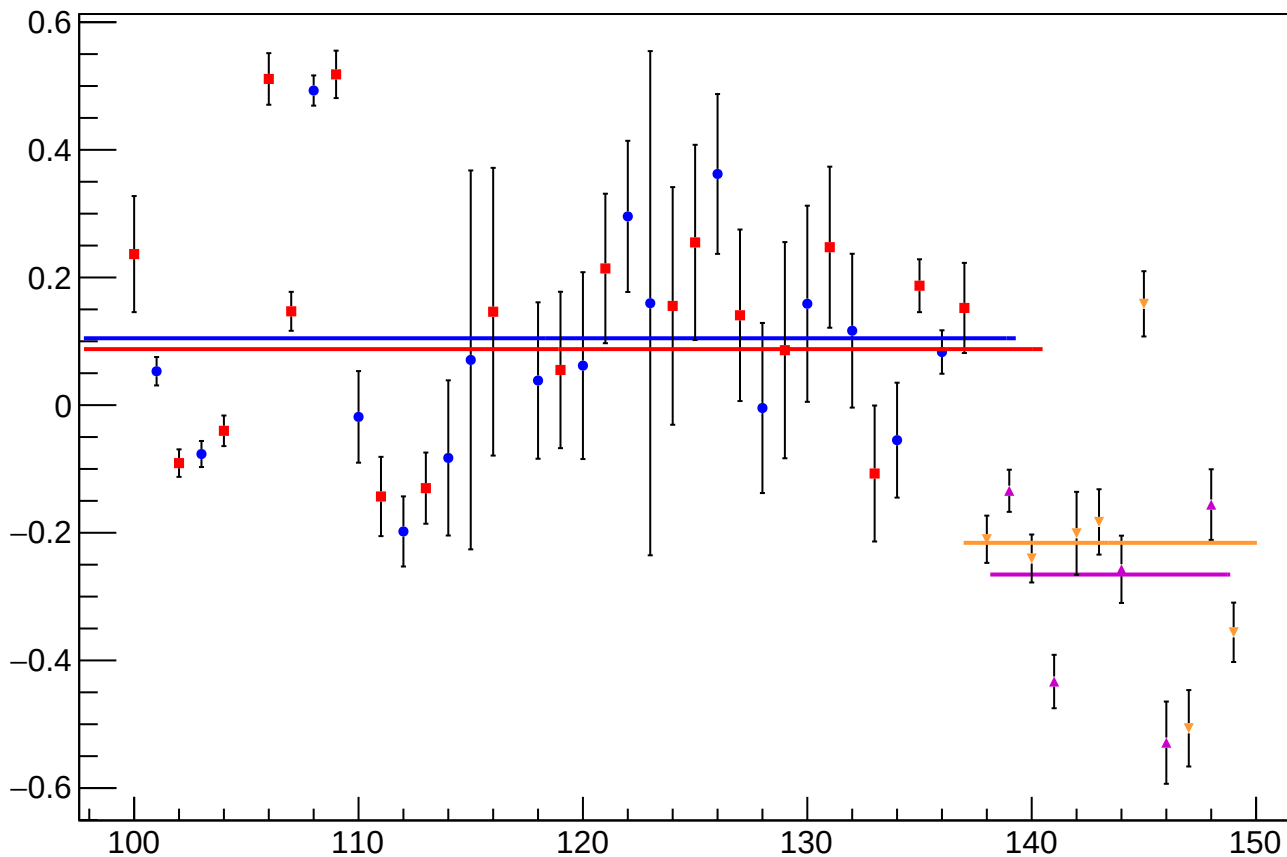
Right: 1.210 $\pm$ 0.181 χ^2 /NDF: 33916.4/35

In: 15.003 $\pm$ 0.216 χ^2 /NDF:34499.9/21

Out: 22.729 $\pm$ 0.215 χ^2 /NDF:33525.2/25

All: 18.887 $\pm$ 0.153 χ^2 /NDF: 68665.5/47

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.216 ± 0.018 $\chi^2/\text{NDF}: 87.2/6$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.265 ± 0.020 $\chi^2/\text{NDF}: 52.5/4$

Left: -0.237 ± 0.013 $\chi^2/\text{NDF}: 143.1/11$

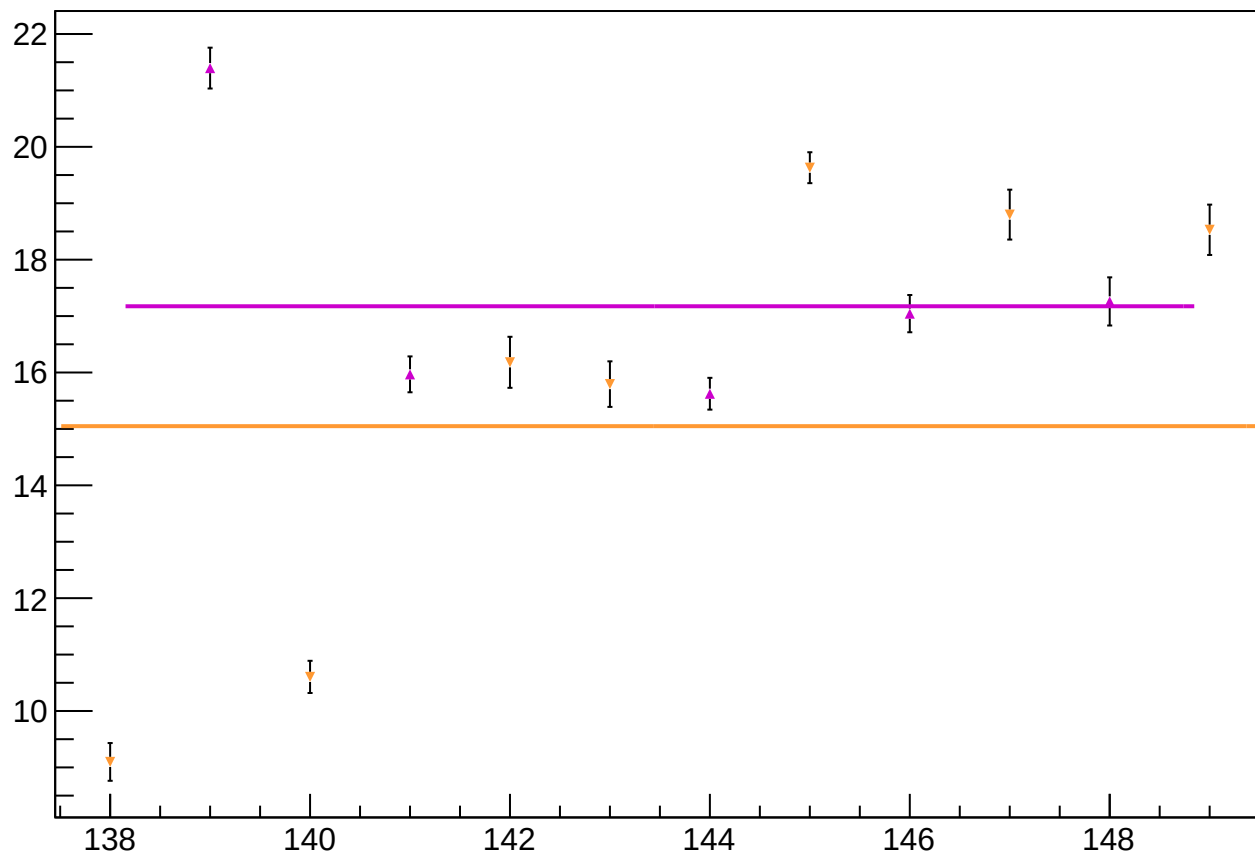
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 792.9/35$

In: 0.021 ± 0.010 $\chi^2/\text{NDF}: 709.1/21$

Out: 0.003 ± 0.009 $\chi^2/\text{NDF}: 689.6/25$

All: 0.012 ± 0.007 $\chi^2/\text{NDF}: 1400.4/47$

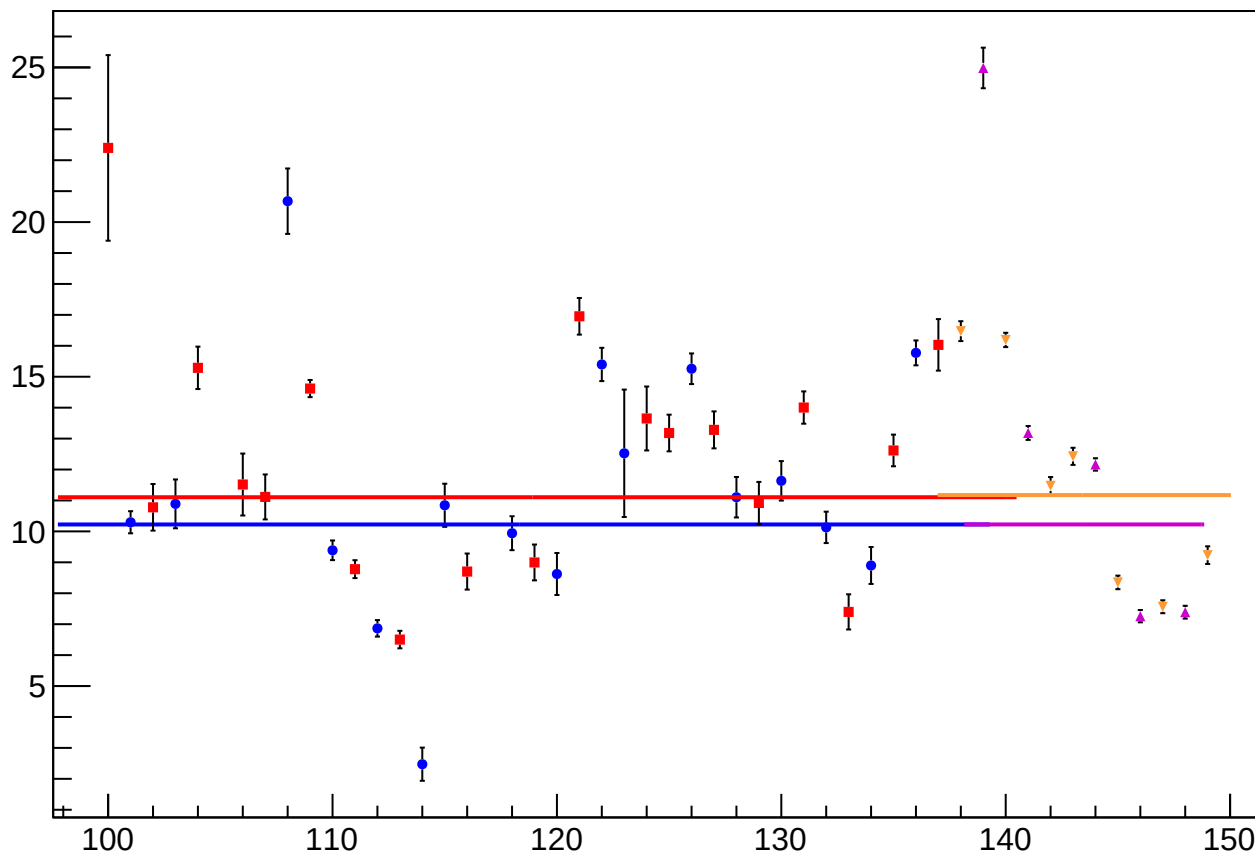
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.049+/-0.134 χ^2/NDF : 980.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.174+/-0.149 χ^2/NDF : 180.8/4

Left: 15.996+/-0.100 χ^2/NDF : 1273.8/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.174+/-0.149 χ^2/NDF : 180.8/4
 Out: 15.049+/-0.134 χ^2/NDF : 980.8/6
 All: 15.996+/-0.100 χ^2/NDF : 1273.8/11

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 11.174 ± 0.096 χ^2/NDF : 1271.9/6

Right Out: 11.104 ± 0.116 χ^2/NDF : 817.2/18

Left In: 10.225 ± 0.102 χ^2/NDF : 1181.1/4

Left: 10.732 ± 0.070 χ^2/NDF : 2499.0/11

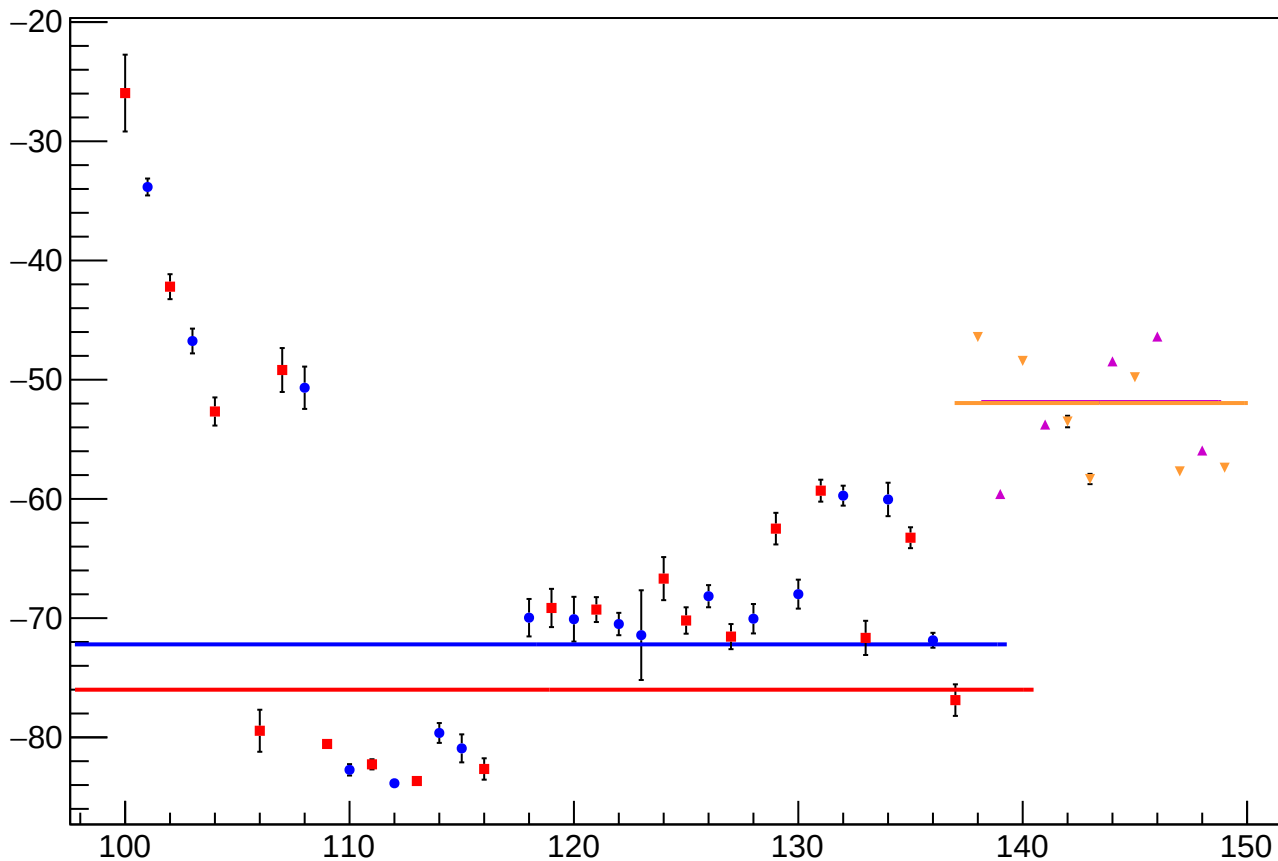
Right: 10.673 ± 0.083 χ^2/NDF : 1722.7/35

In: 10.224 ± 0.078 χ^2/NDF : 2058.7/21

Out: 11.146 ± 0.074 χ^2/NDF : 2089.3/25

All: 10.708 ± 0.053 χ^2/NDF : 4222.0/47

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -51.957 ± 0.139 χ^2/NDF : 1013.9/6

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

Left In: -51.871 ± 0.153 χ^2/NDF : 951.0/4

Left: -51.918 ± 0.103 χ^2/NDF : 1965.0/11

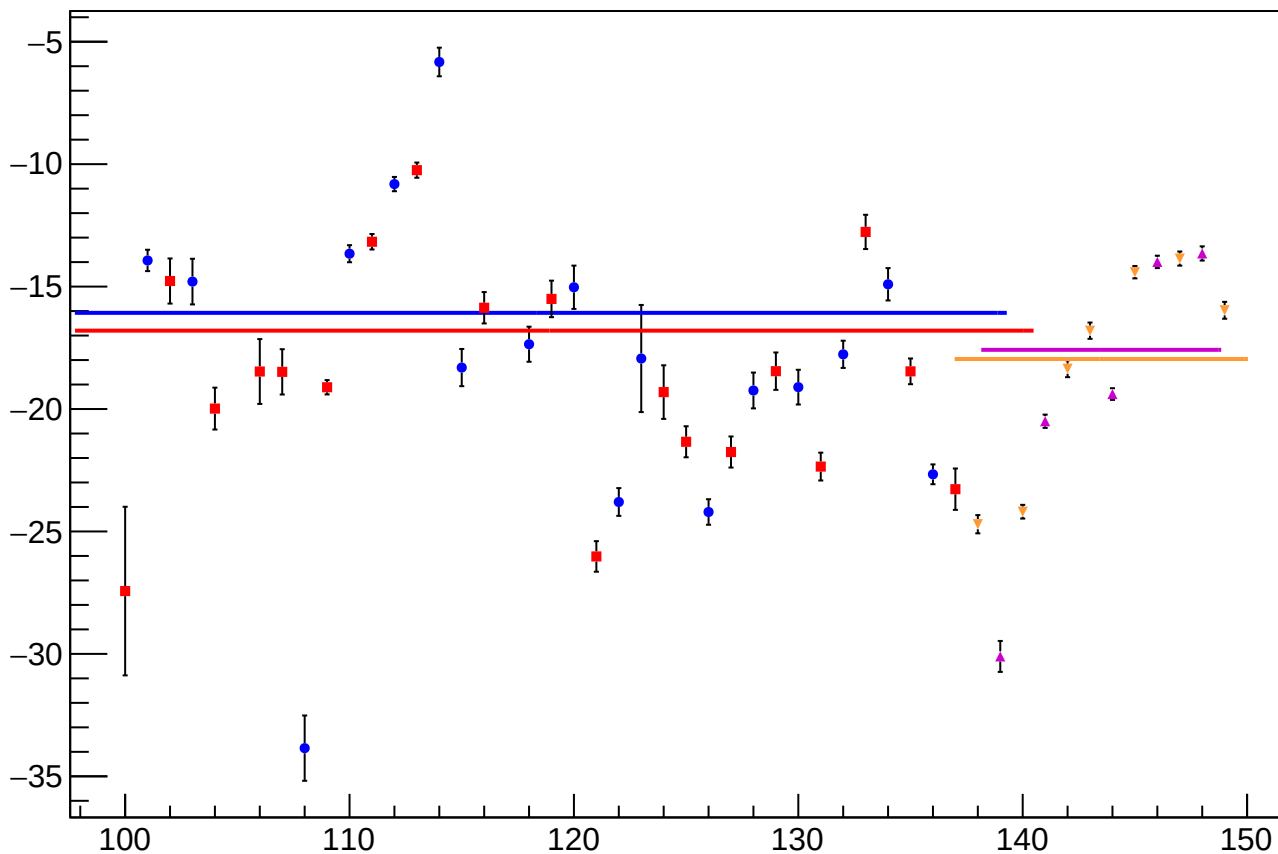
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -59.514 ± 0.121 χ^2/NDF : 13117.3/21

Out: -60.922 ± 0.110 χ^2/NDF : 15556.4/25

All: -60.283 ± 0.082 χ^2/NDF : 28747.3/47

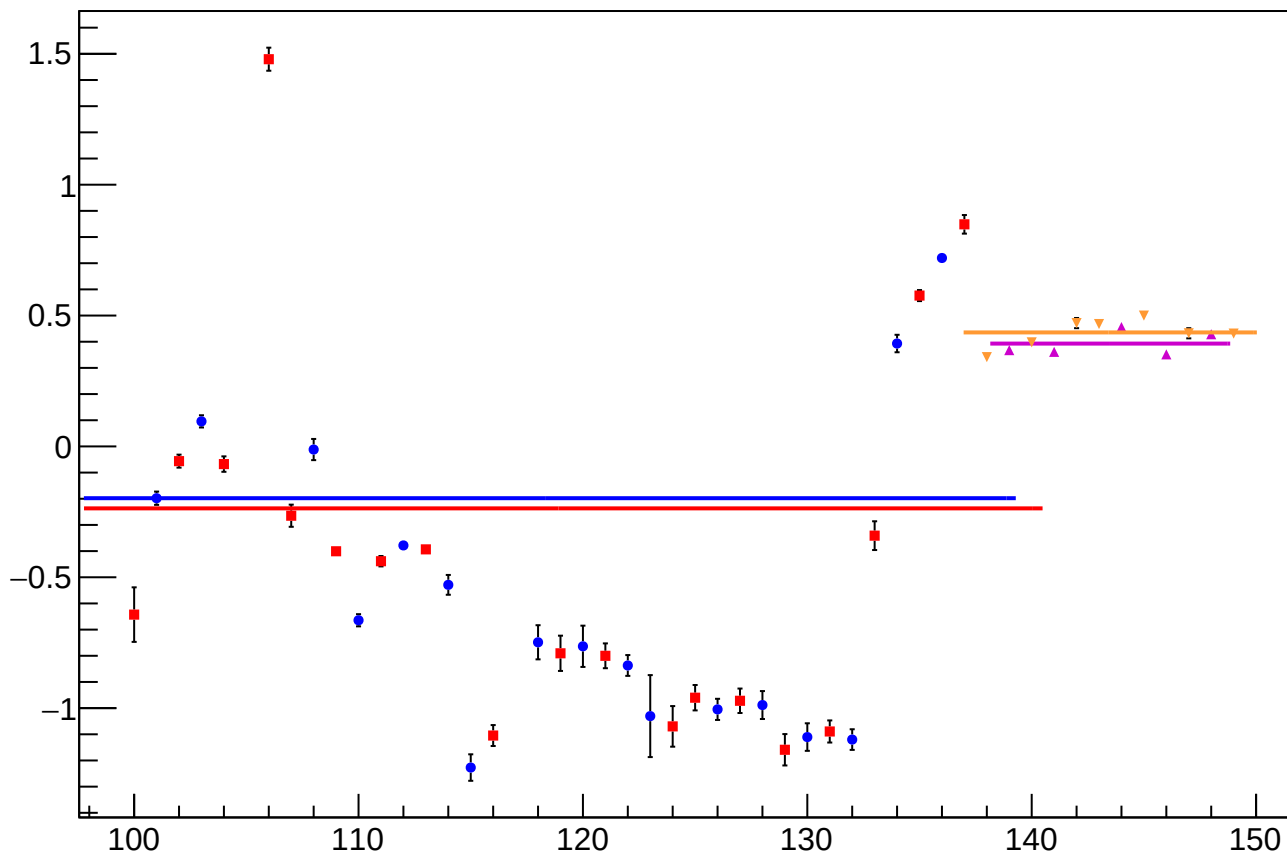
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072+/-0.132 χ^2/NDF : 1640.9/16
 Left Out: -17.957+/-0.117 χ^2/NDF :1268.5/6
 Right Out: -16.799+/-0.128 χ^2/NDF : 1215.8/18
 Left In: -17.582+/-0.128 χ^2/NDF :950.4/4

Left: -17.787+/-0.086 χ^2/NDF : 2223.5/11
 Right: -16.447+/-0.092 χ^2/NDF : 2872.2/35
 In: -16.852+/-0.092 χ^2/NDF :2658.7/21
 Out: -17.432+/-0.086 χ^2/NDF :2528.8/25
 All: -17.160+/-0.063 χ^2/NDF : 5208.7/47

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 : 89.3/6

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.393 ± 0.006 χ^2/NDF : 44.0/4

Left: 0.416 ± 0.004 χ^2/NDF : 157.7/11

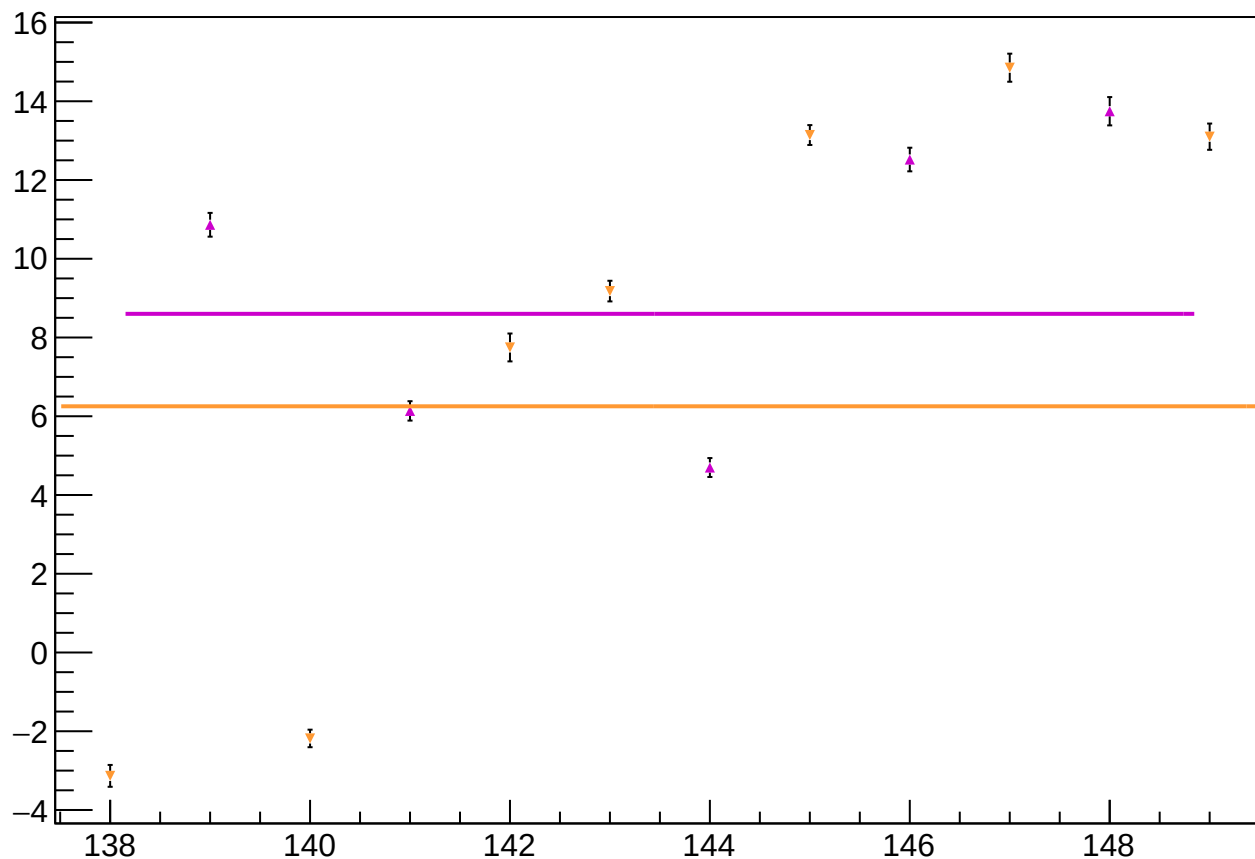
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.145 ± 0.005 χ^2/NDF : 9951.9/21

Out: 0.170 ± 0.005 χ^2/NDF : 11628.0/25

All: 0.159 ± 0.003 χ^2/NDF : 21593.7/47

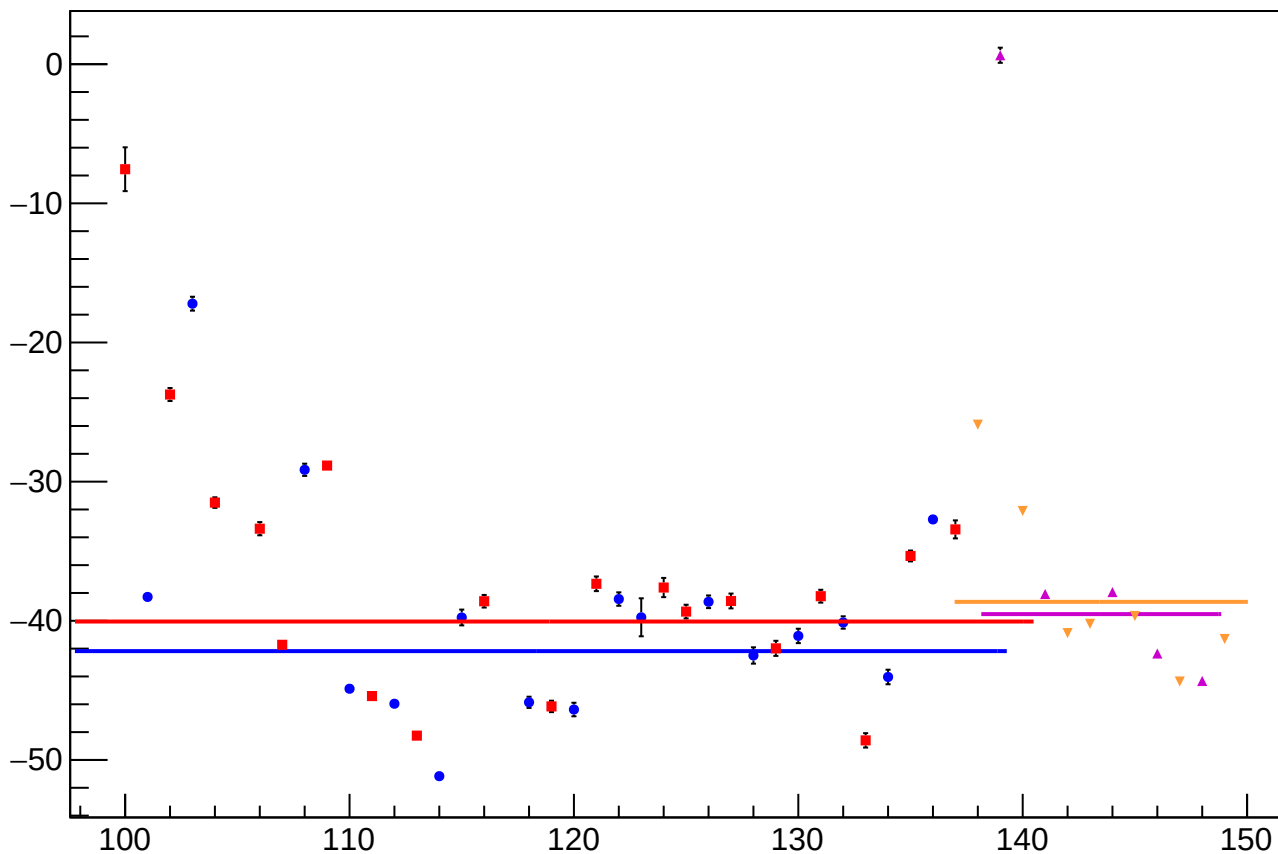
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.253+/-0.106 χ^2/NDF : 4469.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.601+/-0.125 χ^2/NDF : 795.7/4

Left: 7.237+/-0.081 χ^2/NDF : 5468.9/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.601+/-0.125 χ^2/NDF : 795.7/4
 Out: 6.253+/-0.106 χ^2/NDF : 4469.3/6
 All: 7.237+/-0.081 χ^2/NDF : 5468.9/11

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 ± 0.078 χ^2/NDF : 6573.8/16

Left Out: -38.638 ± 0.075 χ^2/NDF : 5033.2/6

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

Left In: -39.519 ± 0.087 χ^2/NDF : 6569.3/4

Left: -39.015 ± 0.057 χ^2/NDF : 11660.8/11

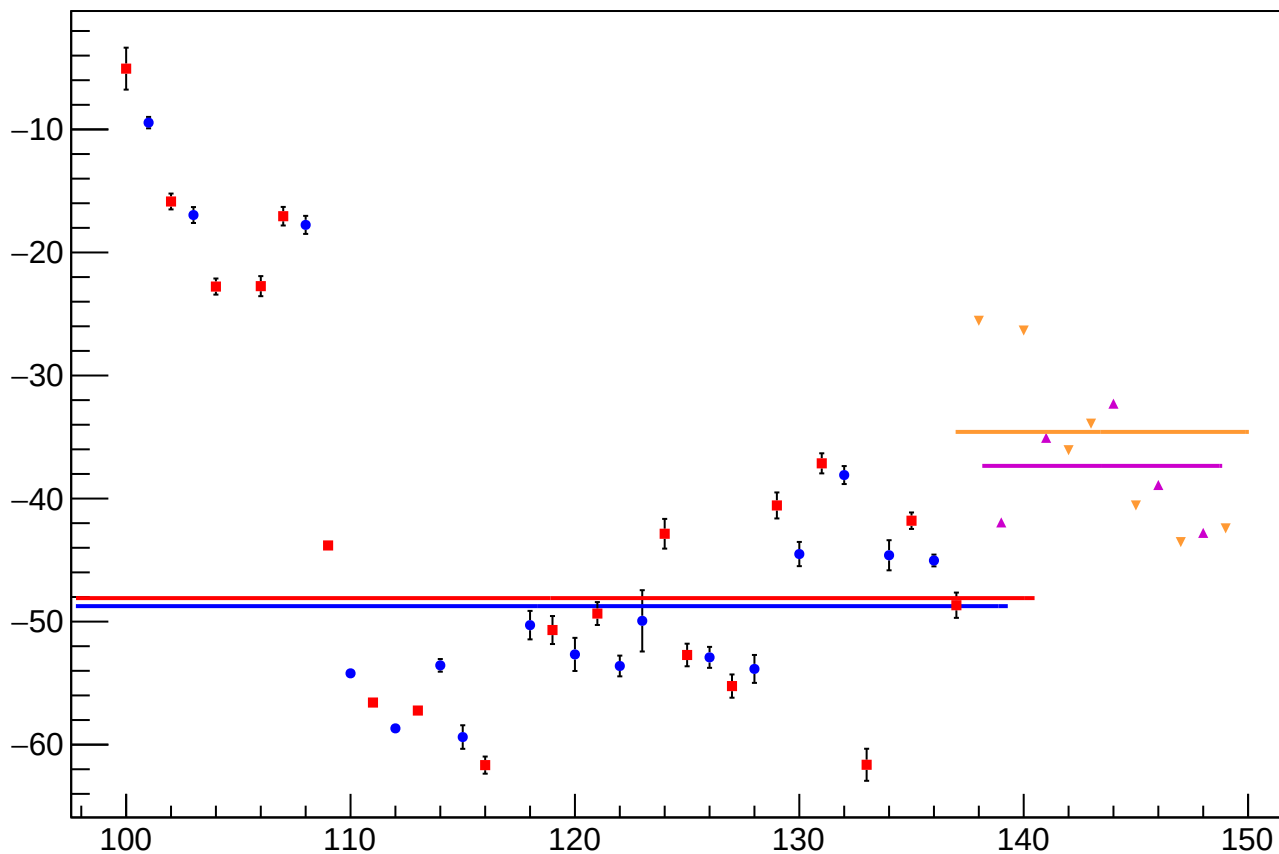
Right: -41.045 ± 0.053 χ^2/NDF : 18285.9/35

In: -41.001 ± 0.058 χ^2/NDF : 13661.0/21

Out: -39.371 ± 0.052 χ^2/NDF : 16528.6/25

All: -40.103 ± 0.039 χ^2/NDF : 30624.4/47

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -34.582 ± 0.111 $\chi^2/\text{NDF}: 3981.4/6$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -37.344 ± 0.129 $\chi^2/\text{NDF}: 950.3/4$

Left: -35.750 ± 0.084 $\chi^2/\text{NDF}: 5195.4/11$

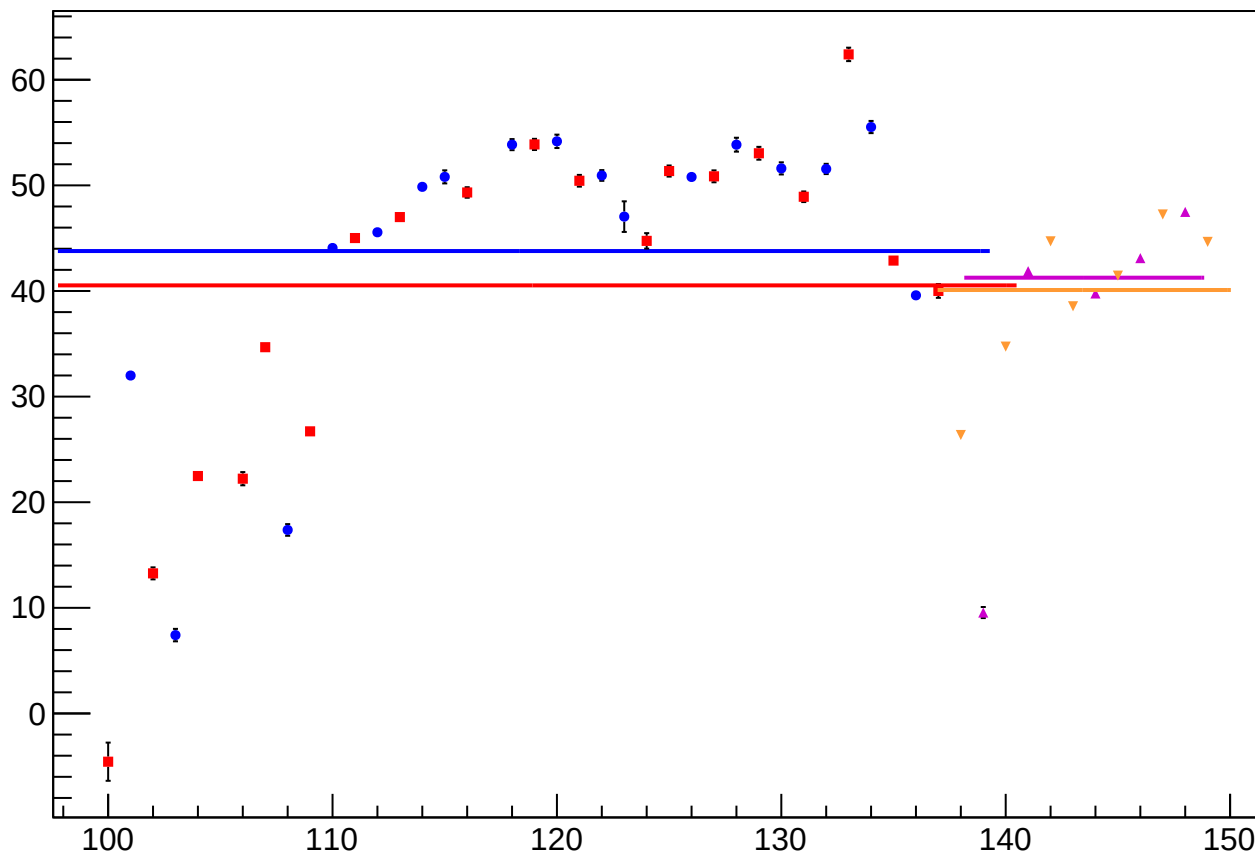
Right: -48.369 ± 0.081 $\chi^2/\text{NDF}: 26405.8/35$

In: -43.256 ± 0.090 $\chi^2/\text{NDF}: 19649.2/21$

Out: -41.546 ± 0.077 $\chi^2/\text{NDF}: 23403.9/25$

All: -42.272 ± 0.058 $\chi^2/\text{NDF}: 43262.6/47$

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: 40.093 $\pm$ 0.092 χ^2 /NDF:4177.1/6

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

Left In: 41.259 $\pm$ 0.108 χ^2 /NDF:4429.0/4

Left: 40.583 $\pm$ 0.070 χ^2 /NDF: 8673.3/11

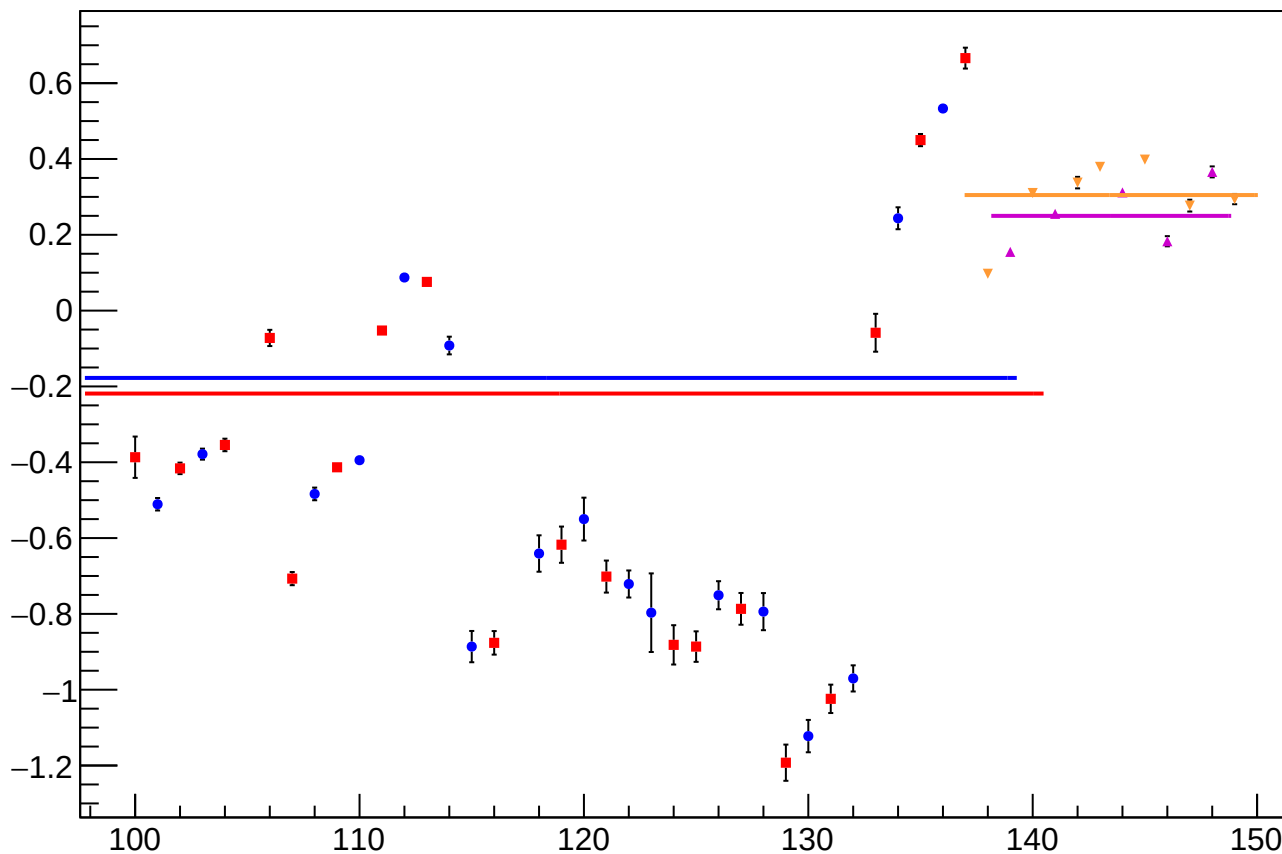
Right: 42.031 $\pm$ 0.059 χ^2 /NDF: 28978.3/35

In: 42.797 $\pm$ 0.068 χ^2 /NDF:15399.1/21

Out: 40.342 $\pm$ 0.061 χ^2 /NDF:21770.6/25

All: 41.433 $\pm$ 0.045 χ^2 /NDF: 37901.4/47

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.305 ± 0.005 χ^2/NDF : 433.6/6

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

Left In: 0.250 ± 0.005 χ^2/NDF : 188.1/4

Left: 0.282 ± 0.003 χ^2/NDF : 682.0/11

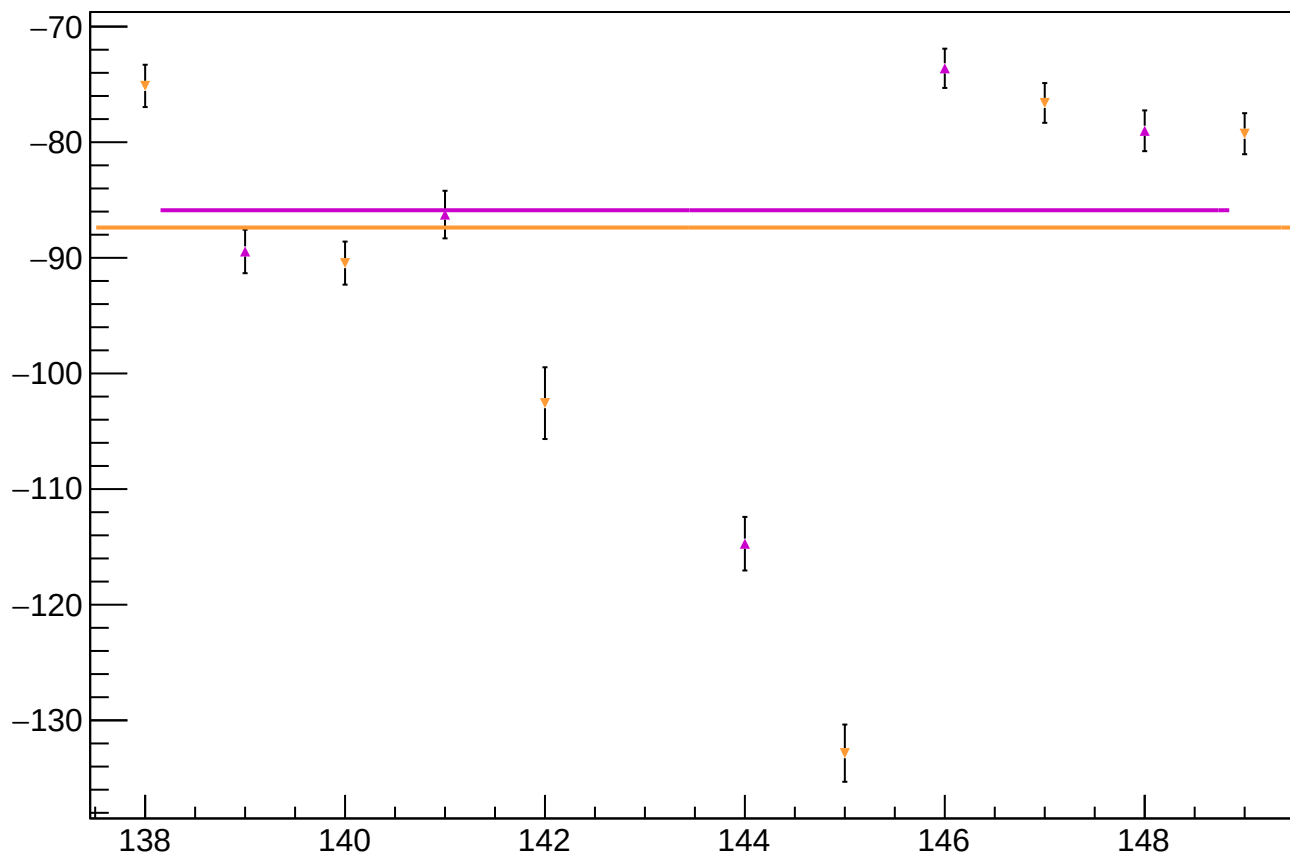
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: 0.014 ± 0.004 χ^2/NDF : 11068.8/21

Out: 0.025 ± 0.003 χ^2/NDF : 14816.4/25

All: 0.020 ± 0.002 χ^2/NDF : 25890.7/47

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -87.379+/-0.814 χ^2/NDF :468.9/5

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

Left In: -85.884+/-0.853 χ^2/NDF :225.8/4

Left: -86.667+/-0.589 χ^2/NDF : 696.3/10

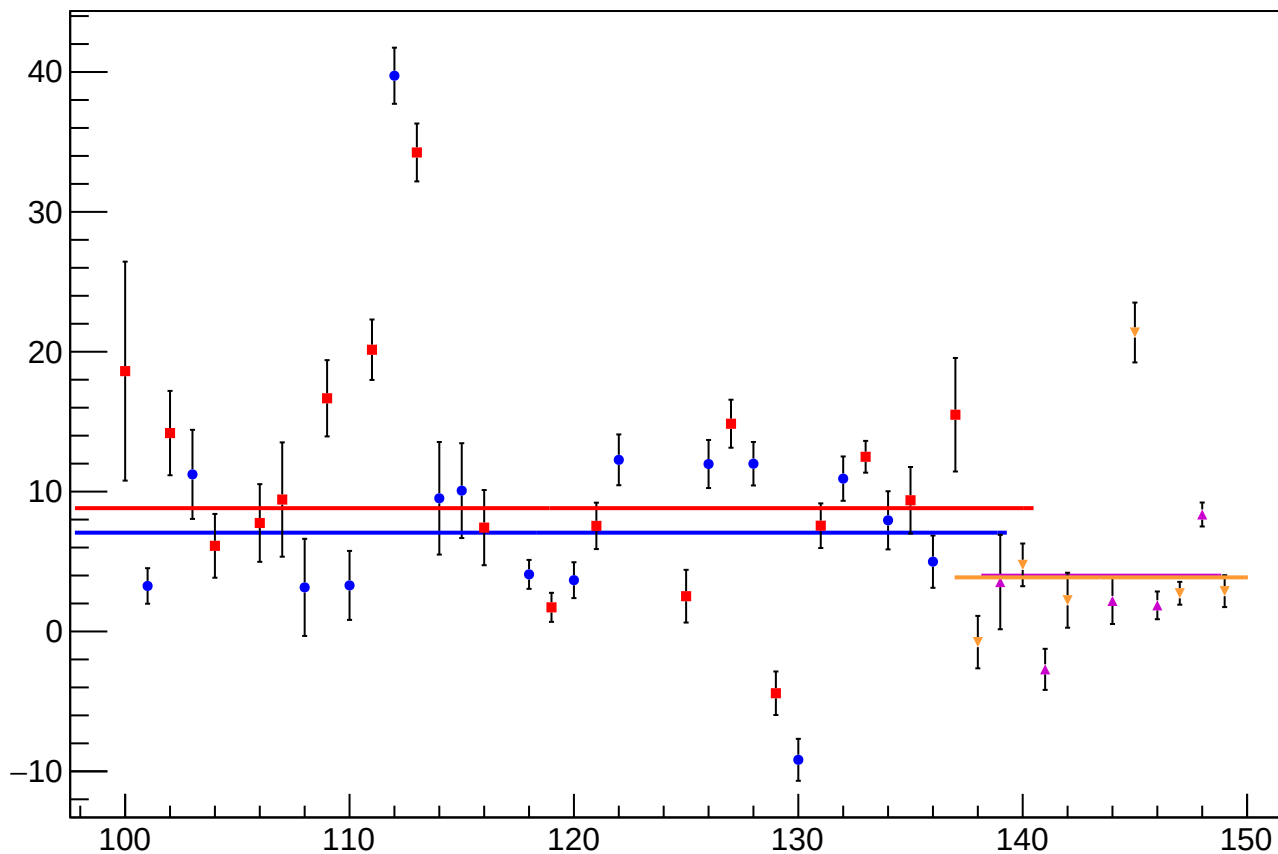
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -85.884+/-0.853 χ^2/NDF :225.8/4

Out: -87.379+/-0.814 χ^2/NDF :468.9/5

All: -86.667+/-0.589 χ^2/NDF : 696.3/10

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 3.867 ± 0.537 $\chi^2/\text{NDF}: 76.8/5$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.988 ± 0.550 $\chi^2/\text{NDF}: 52.7/4$

Left: 3.926 ± 0.384 $\chi^2/\text{NDF}: 129.5/10$

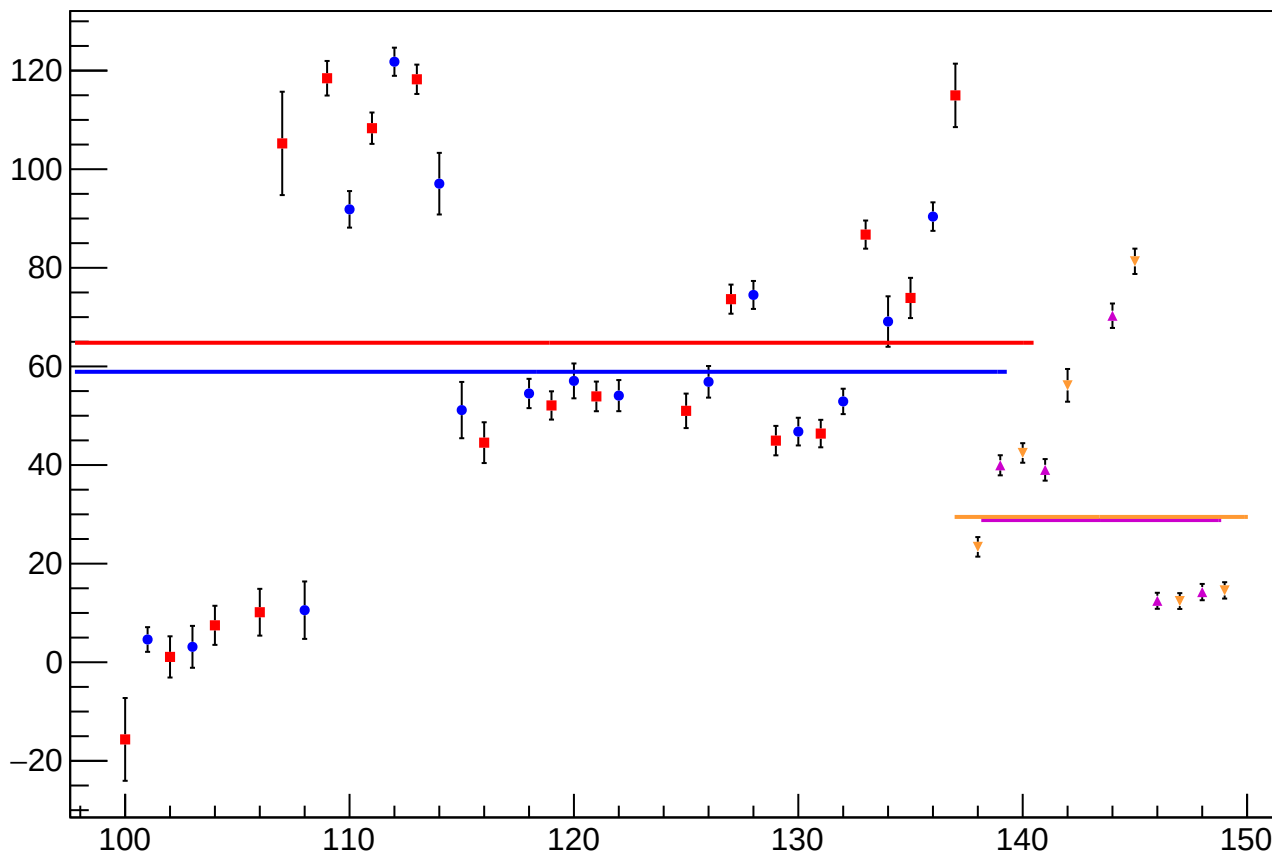
Right: 7.909 ± 0.312 $\chi^2/\text{NDF}: 805.1/33$

In: 5.886 ± 0.341 $\chi^2/\text{NDF}: 518.8/20$

Out: 6.781 ± 0.345 $\chi^2/\text{NDF}: 477.1/23$

All: 6.328 ± 0.242 $\chi^2/\text{NDF}: 999.4/44$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 ± 0.831 $\chi^2/\text{NDF}: 1496.7/15$

Left Out: 29.476 ± 0.816 $\chi^2/\text{NDF}: 717.5/5$

Right Out: 64.803 ± 0.840 $\chi^2/\text{NDF}: 1718.2/17$

Left In: 28.837 ± 0.858 $\chi^2/\text{NDF}: 510.7/4$

Left: 29.173 ± 0.591 $\chi^2/\text{NDF}: 1228.5/10$

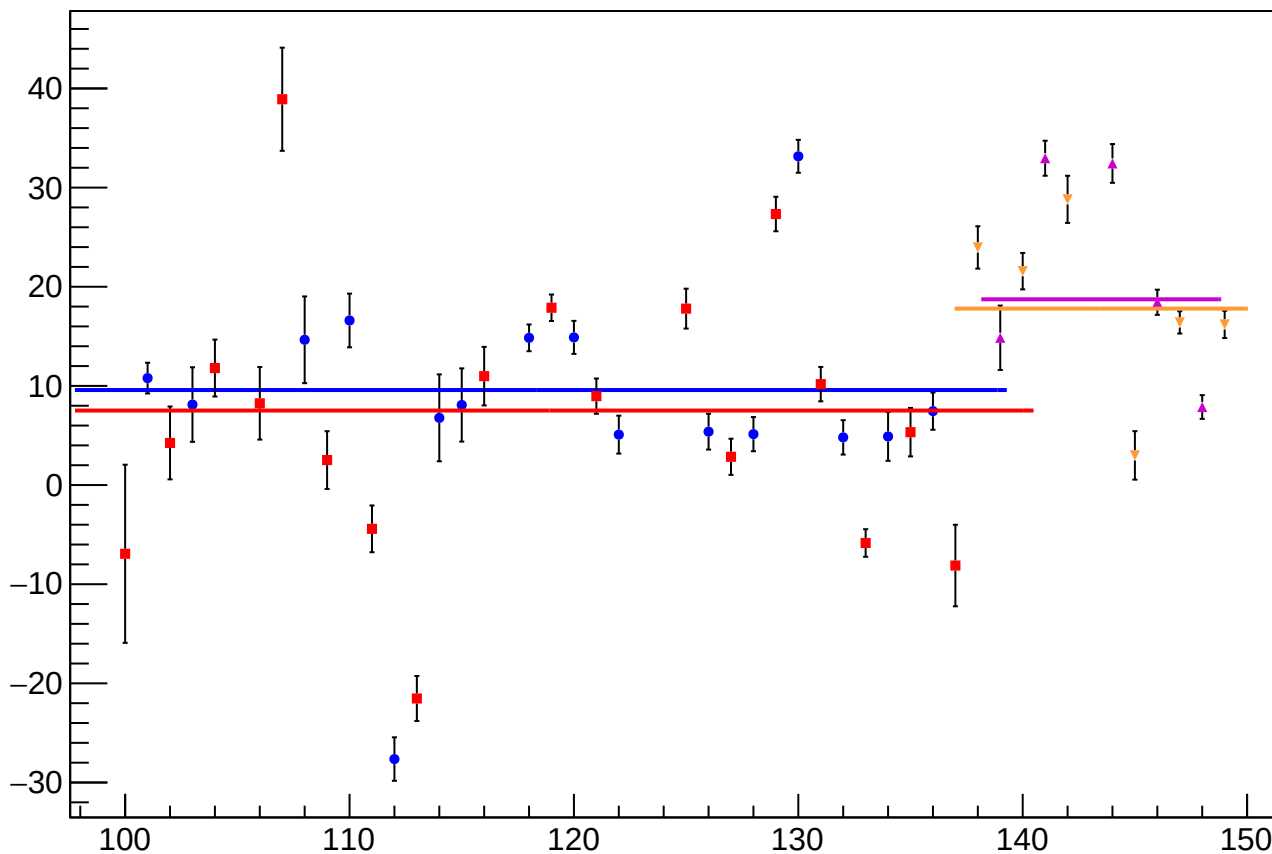
Right: 61.827 ± 0.591 $\chi^2/\text{NDF}: 3239.7/33$

In: 44.354 ± 0.597 $\chi^2/\text{NDF}: 2640.9/20$

Out: 46.625 ± 0.585 $\chi^2/\text{NDF}: 3345.3/23$

All: 45.512 ± 0.418 $\chi^2/\text{NDF}: 5993.5/44$

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 17.794 ± 0.677 $\chi^2/\text{NDF}: 73.5/5$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

Left In: 18.735 ± 0.708 $\chi^2/\text{NDF}: 197.9/4$

Left: 18.244 ± 0.489 $\chi^2/\text{NDF}: 272.4/10$

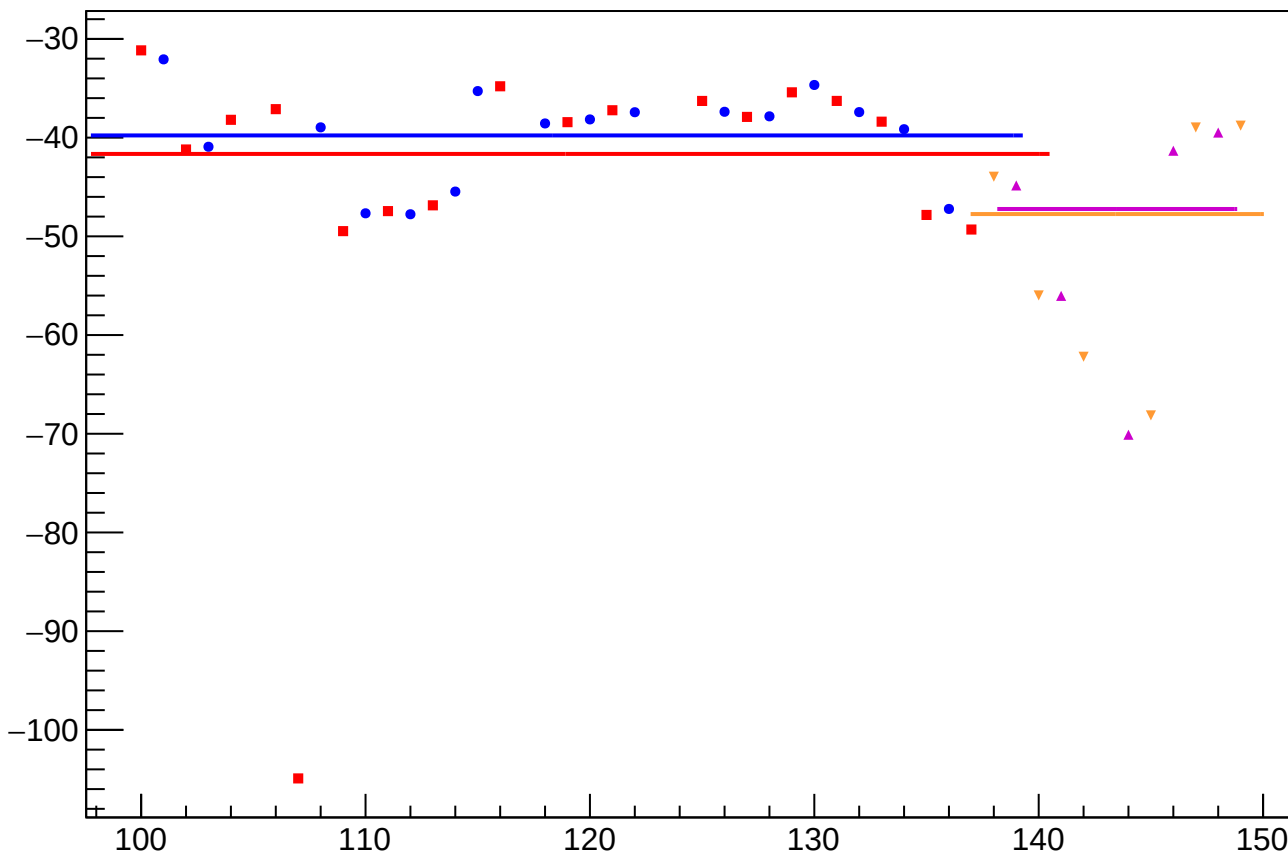
Right: 8.579 ± 0.359 $\chi^2/\text{NDF}: 1132.5/33$

In: 12.638 ± 0.409 $\chi^2/\text{NDF}: 863.7/20$

Out: 11.286 ± 0.410 $\chi^2/\text{NDF}: 789.1/23$

All: 11.964 ± 0.290 $\chi^2/\text{NDF}: 1658.2/44$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 $\pm$ 0.031 χ^2 /NDF: 26158.0/15

Left Out: -47.743 $\pm$ 0.035 χ^2 /NDF:92281.7/5

Right Out: -41.651 $\pm$ 0.031 χ^2 /NDF: 94457.5/17

Left In: -47.229 $\pm$ 0.036 χ^2 /NDF:73383.9/4

Left: -47.491 $\pm$ 0.025 χ^2 /NDF: 165771.3/10

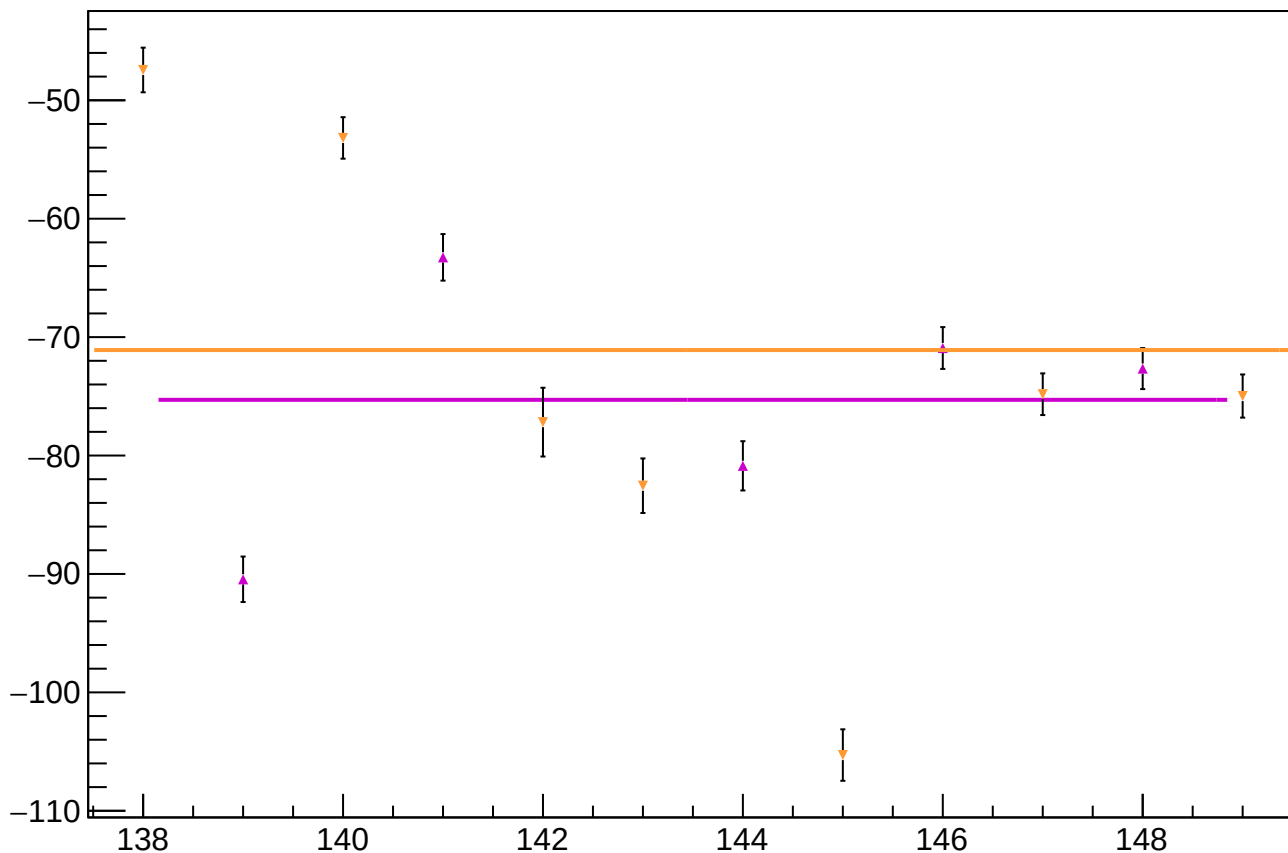
Right: -40.710 $\pm$ 0.022 χ^2 /NDF: 122427.7/33

In: -42.990 $\pm$ 0.023 χ^2 /NDF:124348.3/20

Out: -44.350 $\pm$ 0.023 χ^2 /NDF:203643.3/23

All: -43.674 $\pm$ 0.017 χ^2 /NDF: 329689.2/44

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -71.092+/-0.756 χ^2/NDF :547.6/6

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

Left In: -75.295+/-0.840 χ^2/NDF :115.4/4

Left: -72.972+/-0.562 χ^2/NDF : 676.9/11

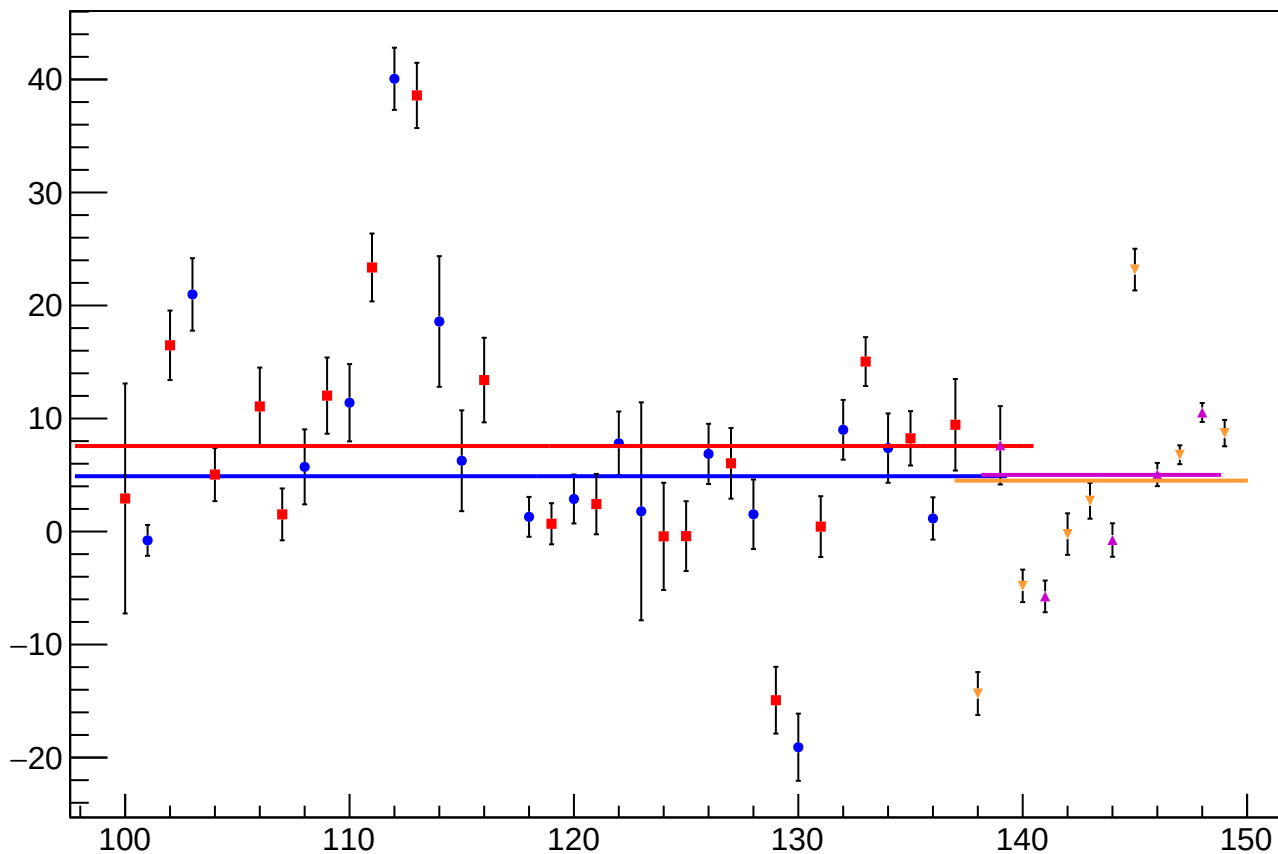
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.295+/-0.840 χ^2/NDF :115.4/4

Out: -71.092+/-0.756 χ^2/NDF :547.6/6

All: -72.972+/-0.562 χ^2/NDF : 676.9/11

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 $\chi^2/\text{NDF}: 295.4/16$

Left Out: 4.504 ± 0.505 $\chi^2/\text{NDF}: 271.5/6$

Right Out: 7.565 ± 0.652 $\chi^2/\text{NDF}: 270.2/18$

Left In: 5.012 ± 0.541 $\chi^2/\text{NDF}: 117.7/4$

Left: 4.741 ± 0.369 $\chi^2/\text{NDF}: 389.7/11$

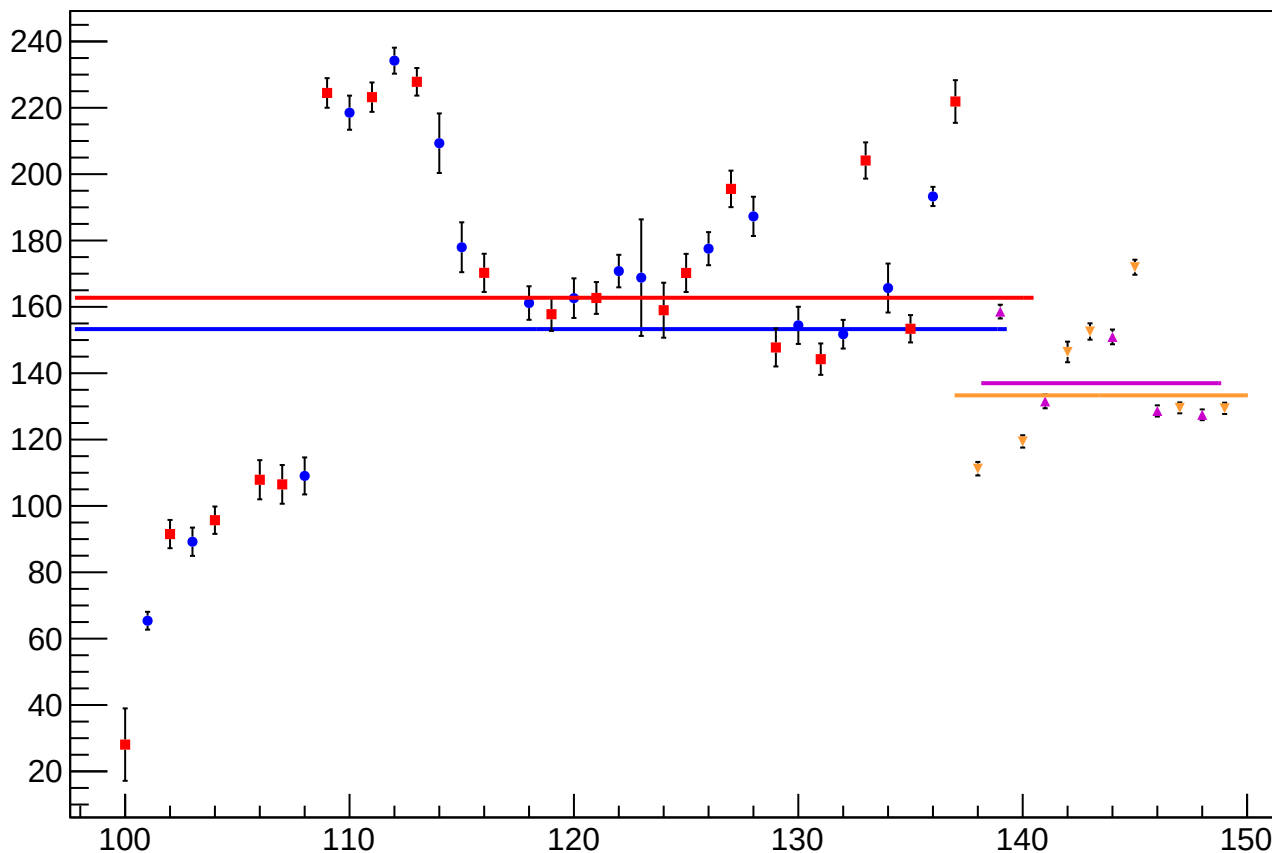
Right: 6.165 ± 0.450 $\chi^2/\text{NDF}: 574.4/35$

In: 4.961 ± 0.408 $\chi^2/\text{NDF}: 413.1/21$

Out: 5.654 ± 0.399 $\chi^2/\text{NDF}: 555.5/25$

All: 5.315 ± 0.285 $\chi^2/\text{NDF}: 970.0/47$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF : 2266.8/16

Left Out: 133.332+/-0.766 χ^2/NDF : 551.6/6

Right Out: 162.747+/-1.177 χ^2/NDF : 1708.7/18

Left In: 136.993+/-0.847 χ^2/NDF : 213.0/4

Left: 134.979+/-0.568 χ^2/NDF : 774.9/11

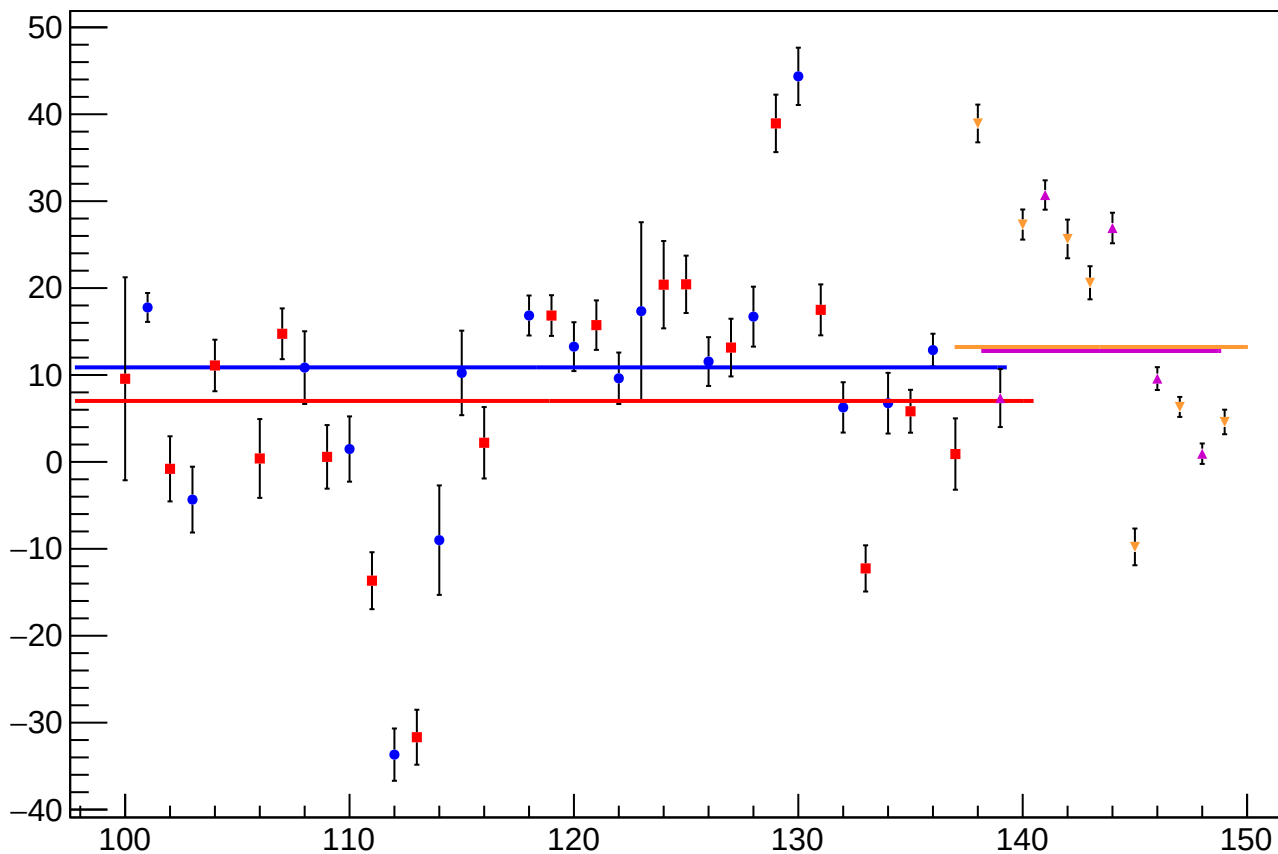
Right: 157.893+/-0.820 χ^2/NDF : 4008.6/35

In: 142.762+/-0.681 χ^2/NDF : 2610.9/21

Out: 142.087+/-0.642 χ^2/NDF : 2699.2/25

All: 142.405+/-0.467 χ^2/NDF : 5310.6/47

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: 13.223 $\pm$ 0.632 χ^2 /NDF:444.5/6

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

Left In: 12.763 $\pm$ 0.695 χ^2 /NDF:287.7/4

Left: 13.015 $\pm$ 0.468 χ^2 /NDF: 732.4/11

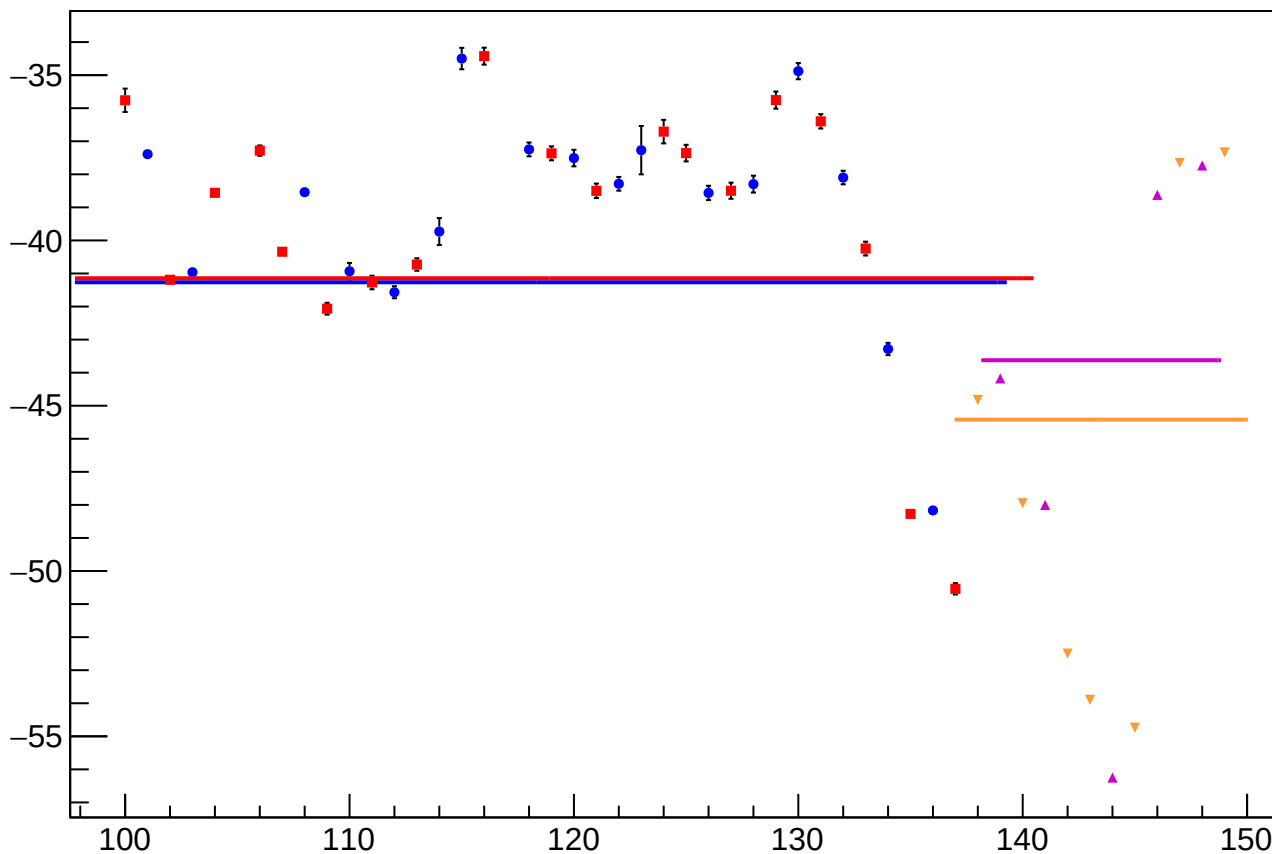
Right: 9.038 $\pm$ 0.516 χ^2 /NDF: 826.6/35

In: 11.844 $\pm$ 0.498 χ^2 /NDF:679.3/21

Out: 10.638 $\pm$ 0.483 χ^2 /NDF:909.2/25

All: 11.222 $\pm$ 0.347 χ^2 /NDF: 1591.6/47

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 $\pm$ 0.038 χ^2 /NDF: 12570.1/16

Left Out: -45.420 $\pm$ 0.033 χ^2 /NDF:44405.5/6

Right Out: -41.144 $\pm$ 0.039 χ^2 /NDF: 12218.7/18

Left In: -43.624 $\pm$ 0.035 χ^2 /NDF:30881.7/4

Left: -44.594 $\pm$ 0.024 χ^2 /NDF: 76689.0/11

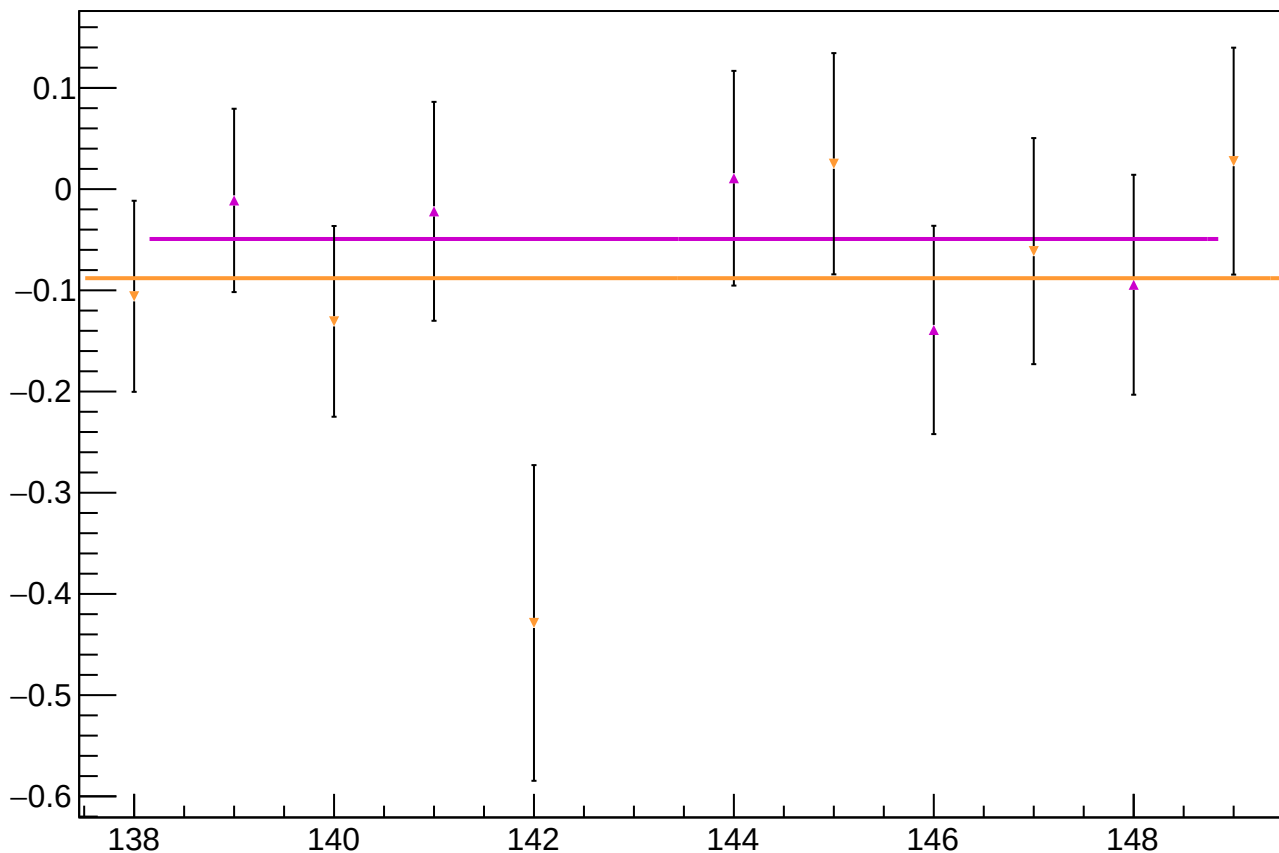
Right: -41.205 $\pm$ 0.027 χ^2 /NDF: 24793.7/35

In: -42.548 $\pm$ 0.026 χ^2 /NDF:45492.9/21

Out: -43.645 $\pm$ 0.025 χ^2 /NDF:63797.0/25

All: -43.120 $\pm$ 0.018 χ^2 /NDF: 110219.7/47

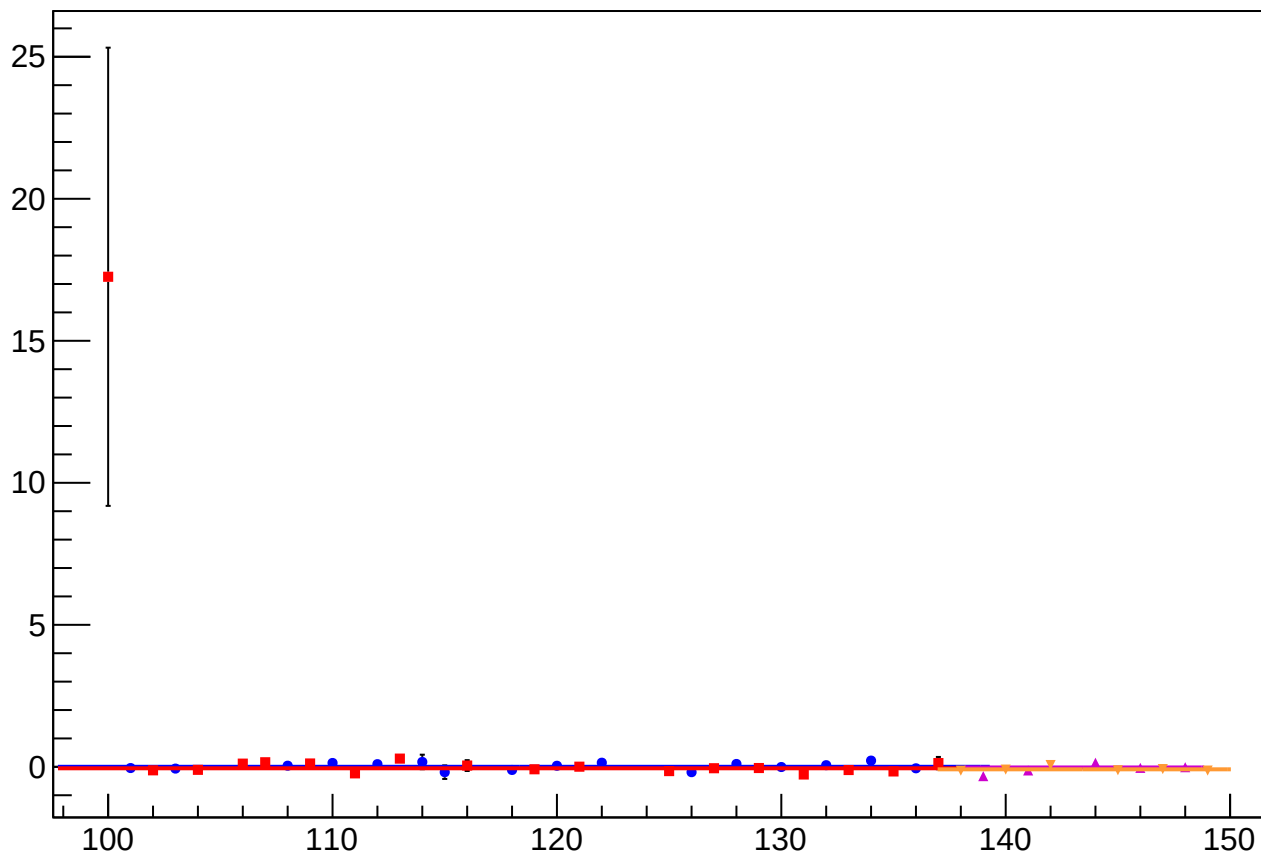
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.088+/-0.044 χ^2/NDF : 7.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.049+/-0.046 χ^2/NDF : 1.5/4

Left: -0.069+/-0.032 χ^2/NDF : 9.1/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.049+/-0.046 χ^2/NDF : 1.5/4
 Out: -0.088+/-0.044 χ^2/NDF : 7.2/5
 All: -0.069+/-0.032 χ^2/NDF : 9.1/10

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: -0.087 ± 0.031 $\chi^2/\text{NDF}: 3.1/5$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.022 ± 0.032 $\chi^2/\text{NDF}: 10.2/4$

Left: -0.055 ± 0.022 $\chi^2/\text{NDF}: 15.4/10$

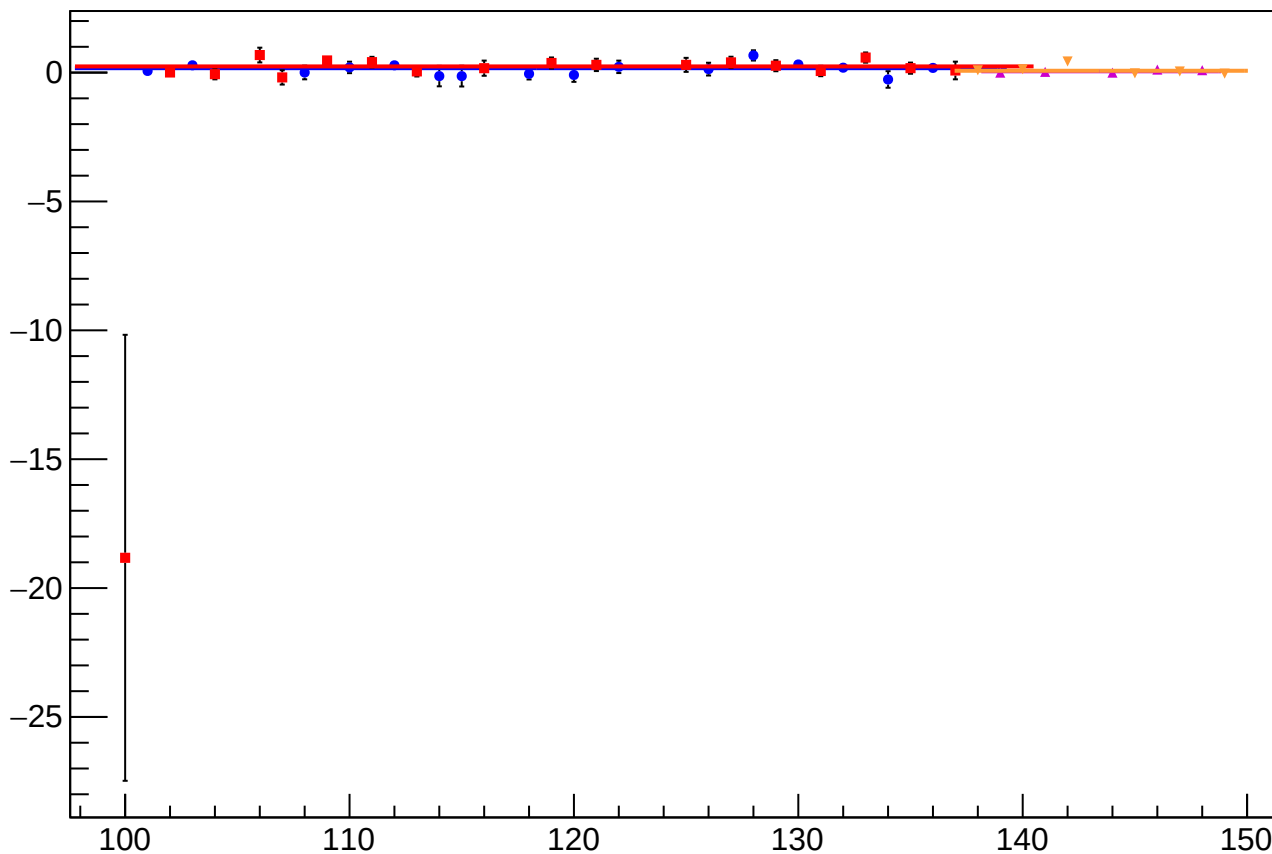
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.009 ± 0.021 $\chi^2/\text{NDF}: 23.0/20$

Out: -0.068 ± 0.021 $\chi^2/\text{NDF}: 29.6/23$

All: -0.038 ± 0.015 $\chi^2/\text{NDF}: 56.5/44$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.070 $\pm$ 0.045 χ^2 /NDF: 7.0/5

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

Left In: 0.050 $\pm$ 0.047 χ^2 /NDF: 1.2/4

Left: 0.060 $\pm$ 0.033 χ^2 /NDF: 8.3/10

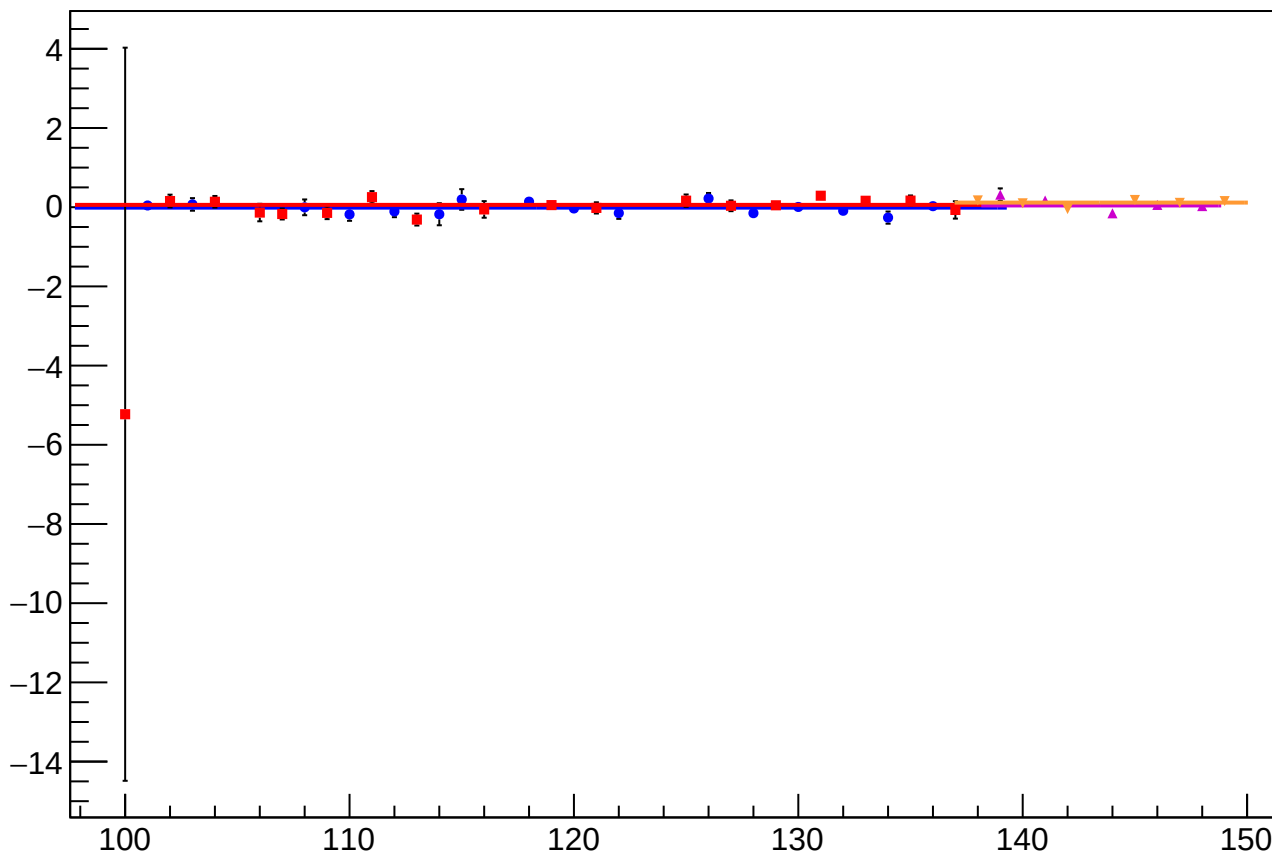
Right: 0.204 $\pm$ 0.038 χ^2 /NDF: 36.3/33

In: 0.103 $\pm$ 0.035 χ^2 /NDF: 17.8/20

Out: 0.140 $\pm$ 0.035 χ^2 /NDF: 34.5/23

All: 0.122 $\pm$ 0.025 χ^2 /NDF: 52.9/44

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.116 ± 0.039 χ^2/NDF : 2.7/5

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

Left In: 0.044 ± 0.040 χ^2/NDF : 9.7/4

Left: 0.081 ± 0.028 χ^2/NDF : 14.2/10

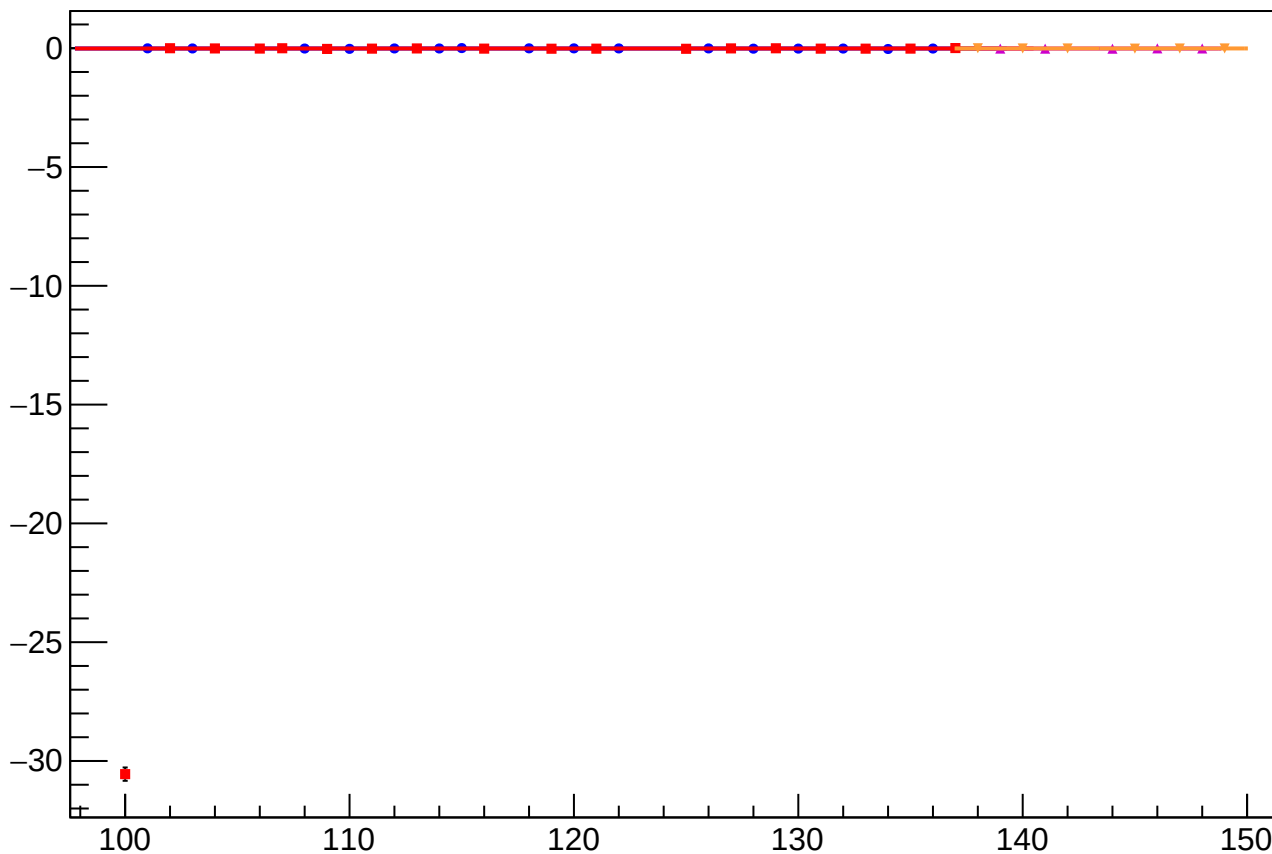
Right: 0.022 ± 0.023 χ^2/NDF : 36.5/33

In: 0.011 ± 0.025 χ^2/NDF : 24.6/20

Out: 0.084 ± 0.025 χ^2/NDF : 24.6/23

All: 0.047 ± 0.018 χ^2/NDF : 53.3/44

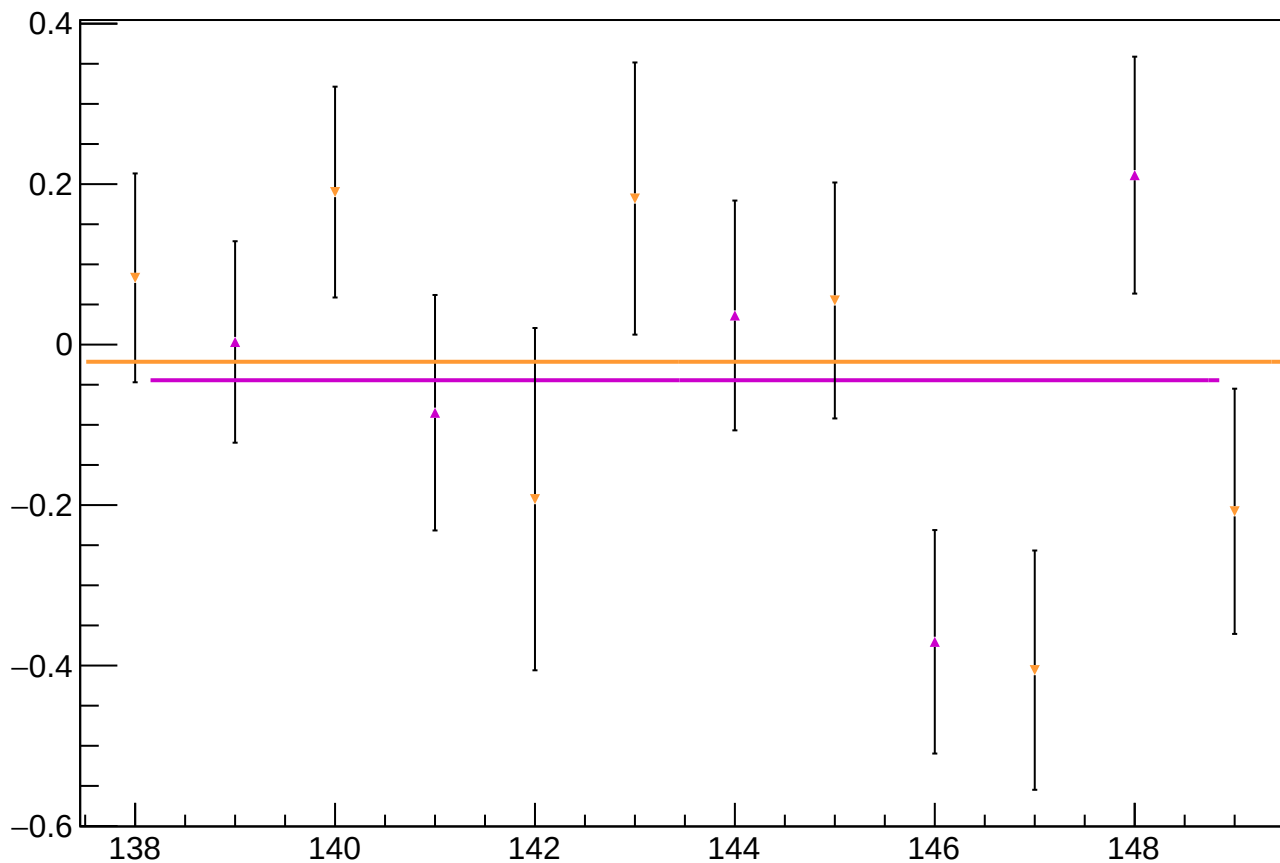
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 $\chi^2/\text{NDF}: 12.9/15$
 Left Out: -0.010 ± 0.002 $\chi^2/\text{NDF}: 7.1/5$
 Right Out: -0.012 ± 0.002 $\chi^2/\text{NDF}: 11891.5/17$
 Left In: -0.014 ± 0.002 $\chi^2/\text{NDF}: 5.8/4$

Left: -0.012 ± 0.001 $\chi^2/\text{NDF}: 15.7/10$
 Right: -0.012 ± 0.001 $\chi^2/\text{NDF}: 11904.4/33$
 In: -0.013 ± 0.001 $\chi^2/\text{NDF}: 19.4/20$
 Out: -0.011 ± 0.001 $\chi^2/\text{NDF}: 11899.6/23$
 All: -0.012 ± 0.001 $\chi^2/\text{NDF}: 11920.1/44$

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.021+/-0.057 χ^2/NDF :13.7/6

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

Left In: -0.044+/-0.062 χ^2/NDF :9.0/4

Left: -0.032+/-0.042 χ^2/NDF : 22.8/11

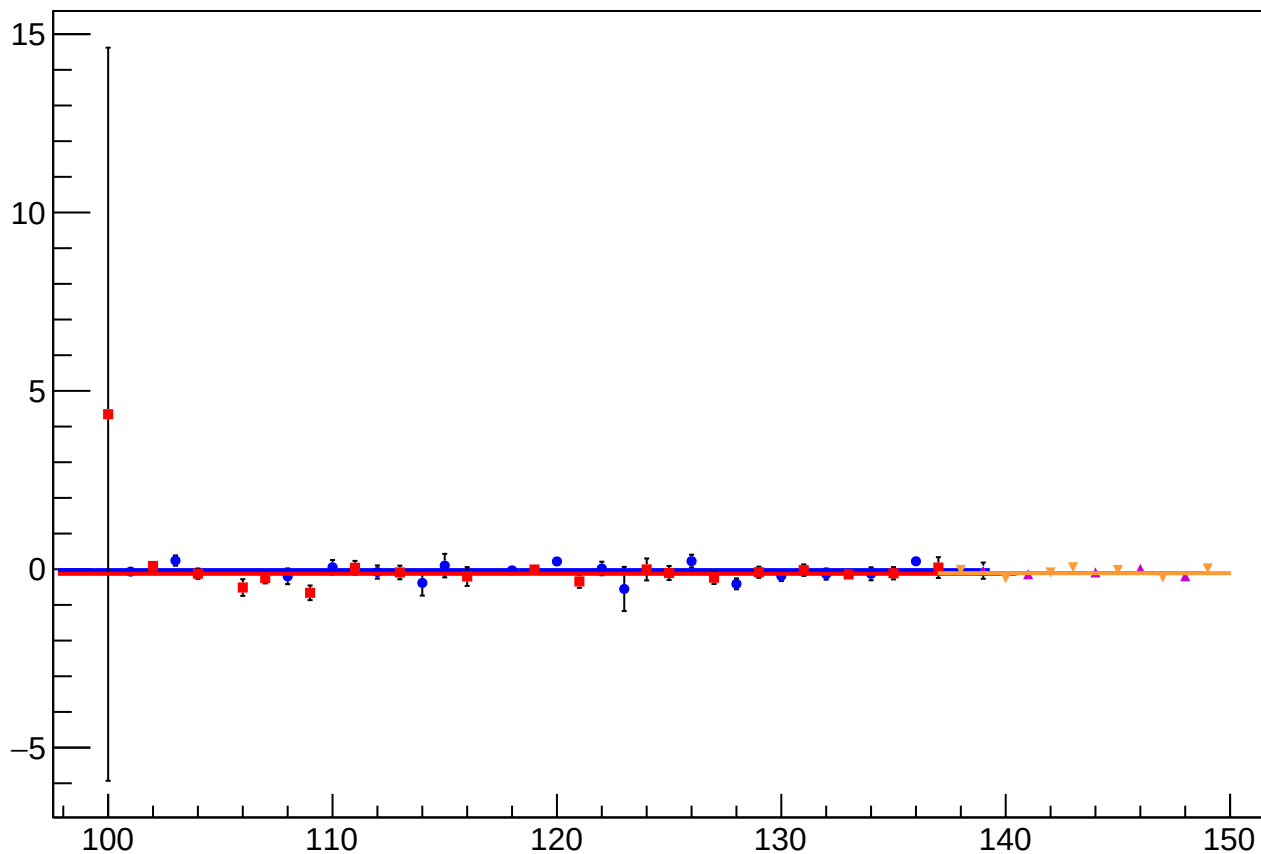
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.044+/-0.062 χ^2/NDF :9.0/4

Out: -0.021+/-0.057 χ^2/NDF :13.7/6

All: -0.032+/-0.042 χ^2/NDF : 22.8/11

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024±/0.037 χ^2/NDF : 23.4/16

Left Out: -0.109±/0.040 χ^2/NDF : 9.5/6

Right Out: -0.128±/0.039 χ^2/NDF : 17.6/18

Left In: -0.106±/0.043 χ^2/NDF : 3.8/4

Left: -0.108±/0.029 χ^2/NDF : 13.3/11

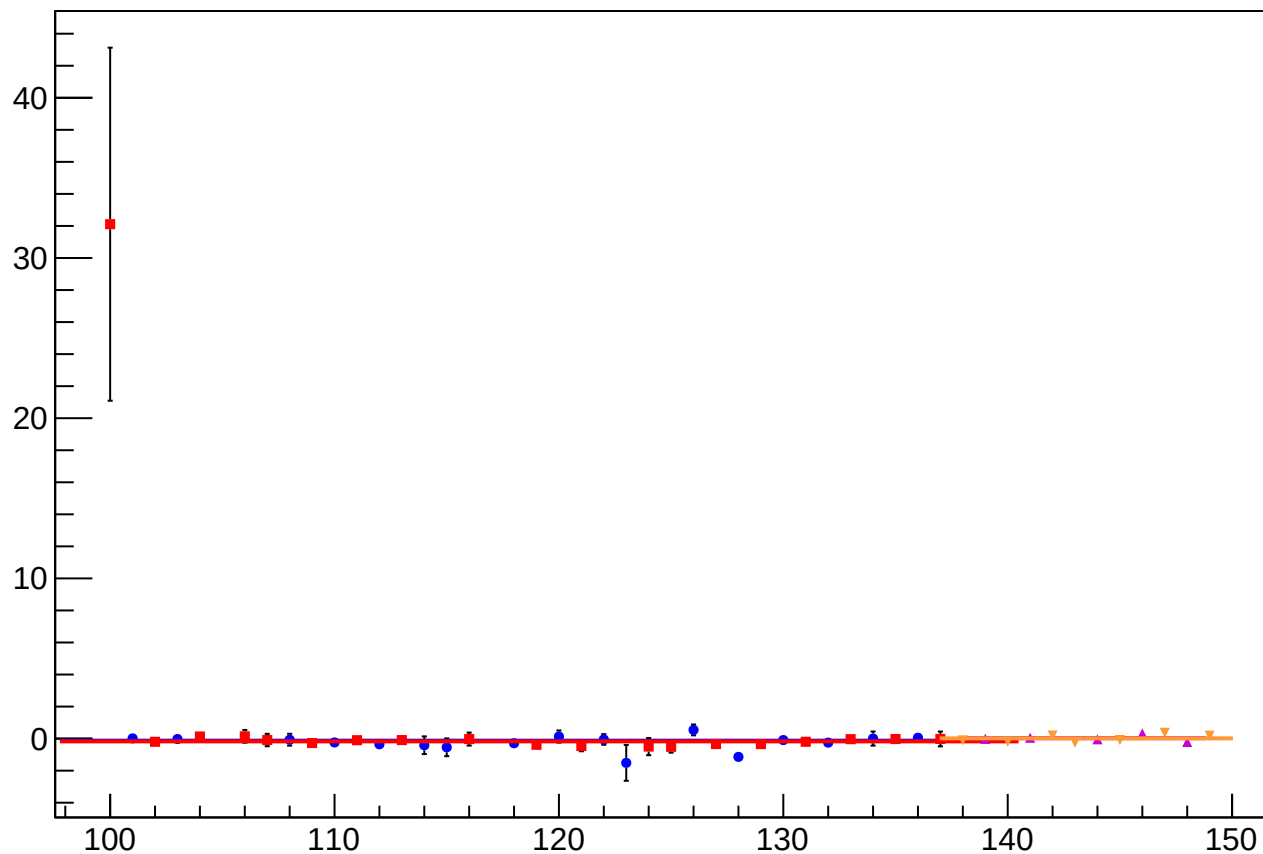
Right: -0.072±/0.027 χ^2/NDF : 44.7/35

In: -0.059±/0.028 χ^2/NDF : 29.3/21

Out: -0.119±/0.028 χ^2/NDF : 27.2/25

All: -0.089±/0.020 χ^2/NDF : 58.8/47

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: 0.016 ± 0.058 χ^2/NDF : 13.9/6

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

Left In: 0.029 ± 0.064 χ^2/NDF : 8.2/4

Left: 0.022 ± 0.043 χ^2/NDF : 22.1/11

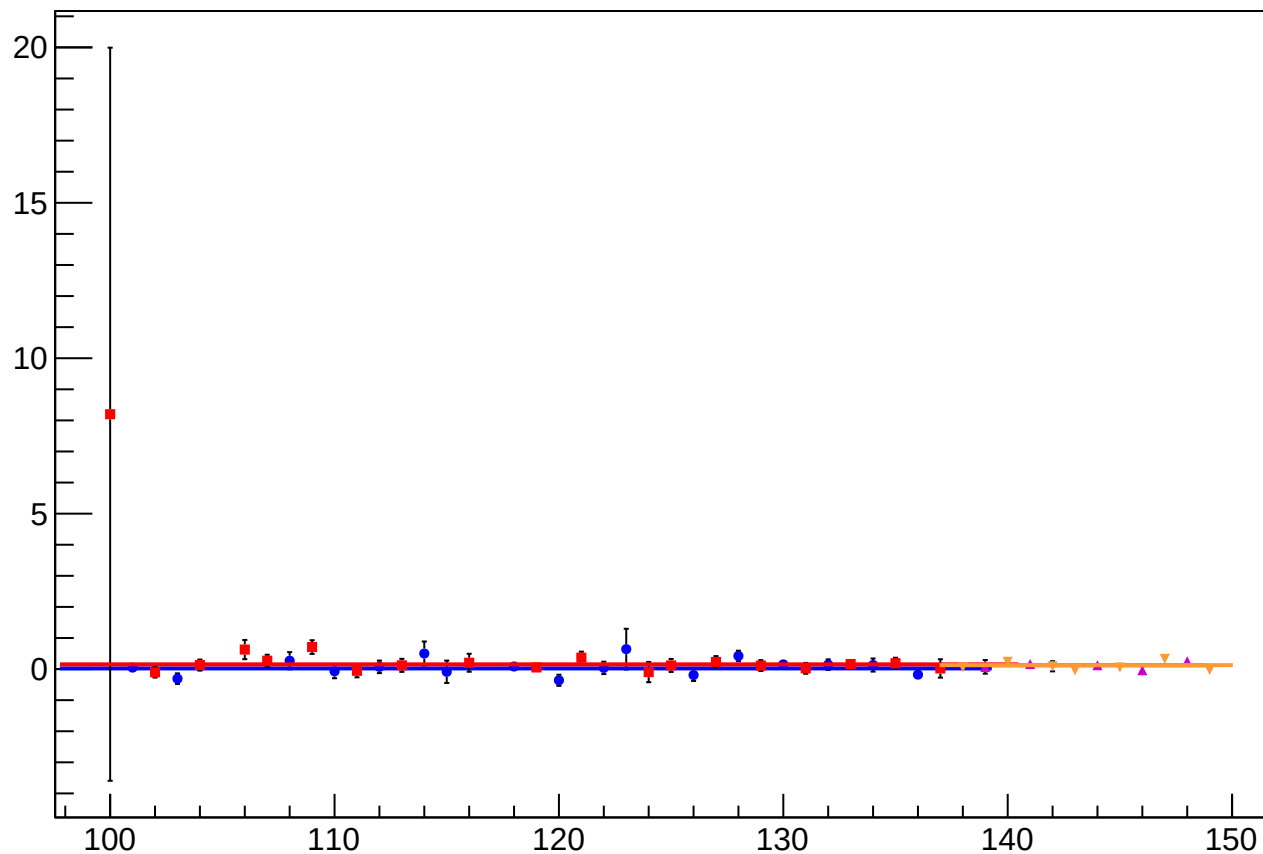
Right: -0.149 ± 0.049 χ^2/NDF : 39.0/35

In: -0.046 ± 0.046 χ^2/NDF : 34.8/21

Out: -0.060 ± 0.045 χ^2/NDF : 33.1/25

All: -0.053 ± 0.032 χ^2/NDF : 67.9/47

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.126+/-0.049 χ^2/NDF : 8.7/6

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.123+/-0.054 χ^2/NDF : 4.2/4

Left: 0.125+/-0.036 χ^2/NDF : 12.9/11

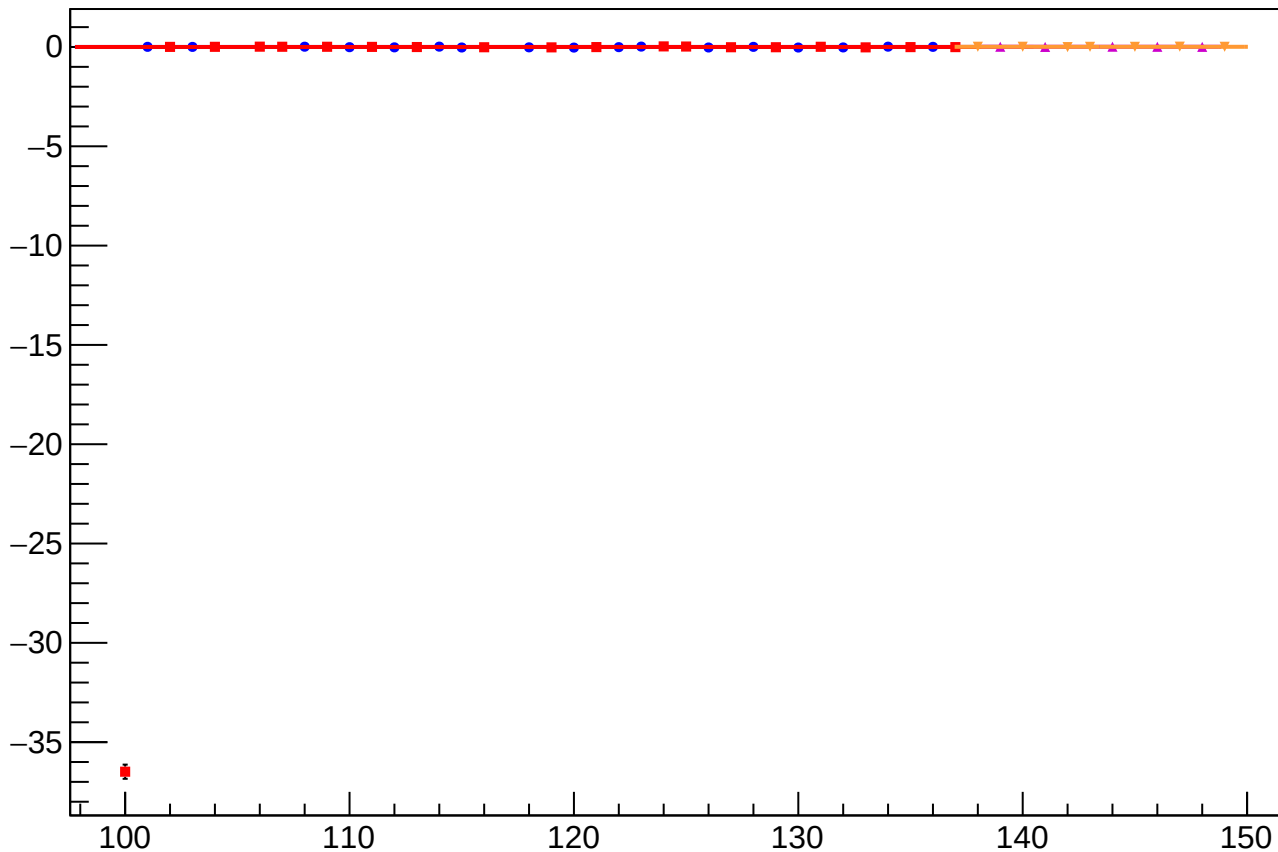
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.059+/-0.033 χ^2/NDF : 28.9/21

Out: 0.140+/-0.033 χ^2/NDF : 25.1/25

All: 0.100+/-0.024 χ^2/NDF : 56.9/47

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 $\pm$ 0.002 χ^2 /NDF: 4.3/6

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.010 $\pm$ 0.003 χ^2 /NDF: 2.3/4

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.6/11

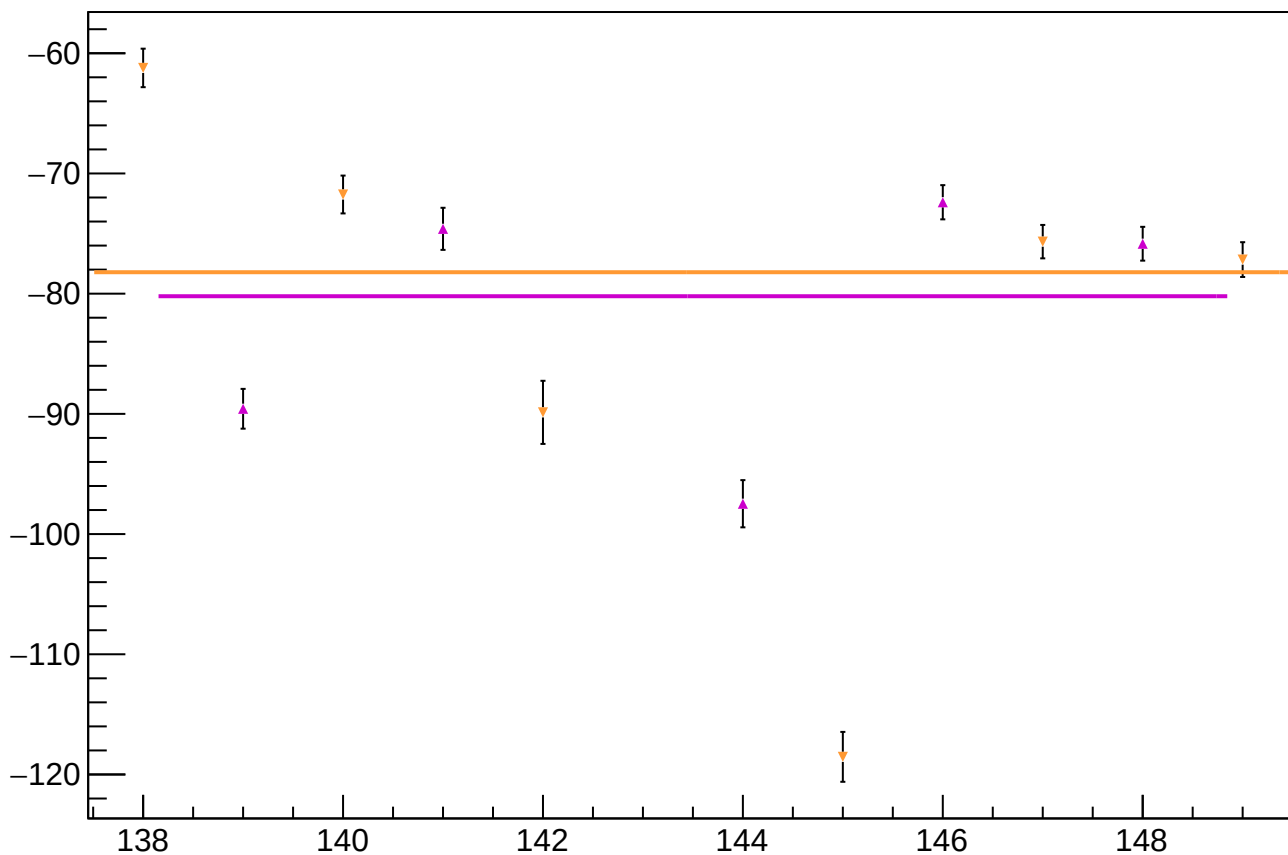
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.005 $\pm$ 0.002 χ^2 /NDF: 41.7/21

Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 10460.5/25

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10502.2/47

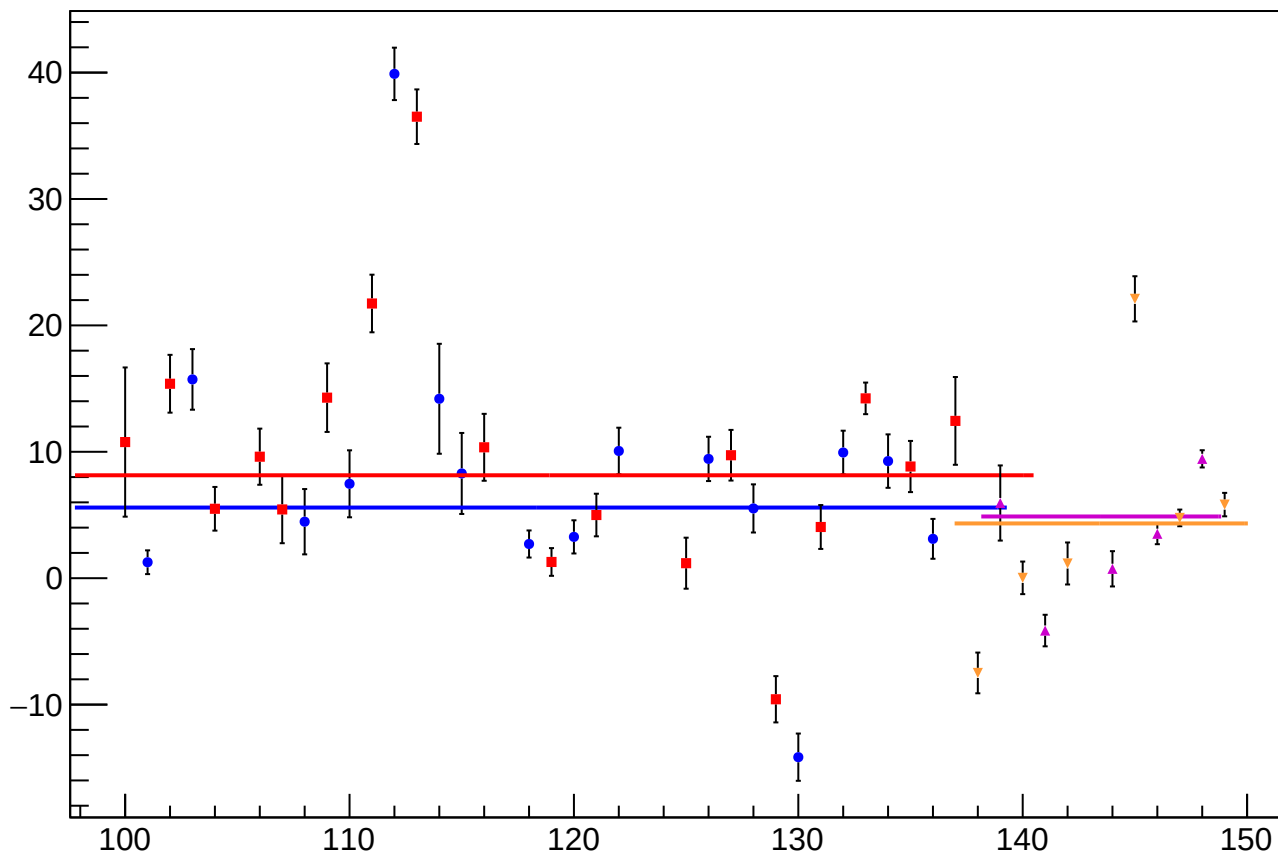
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -78.216+/-0.680 χ^2/NDF :530.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.213+/-0.716 χ^2/NDF :159.4/4

Left: -79.162+/-0.493 χ^2/NDF : 693.8/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -80.213+/-0.716 χ^2/NDF :159.4/4
 Out: -78.216+/-0.680 χ^2/NDF :530.4/5
 All: -79.162+/-0.493 χ^2/NDF : 693.8/10

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 $\pm$ 0.424 χ^2 /NDF: 462.8/15

Left Out: 4.332 $\pm$ 0.442 χ^2 /NDF:170.4/5

Right Out: 8.142 $\pm$ 0.454 χ^2 /NDF: 407.7/17

Left In: 4.883 $\pm$ 0.452 χ^2 /NDF:108.6/4

Left: 4.601 $\pm$ 0.316 χ^2 /NDF: 279.8/10

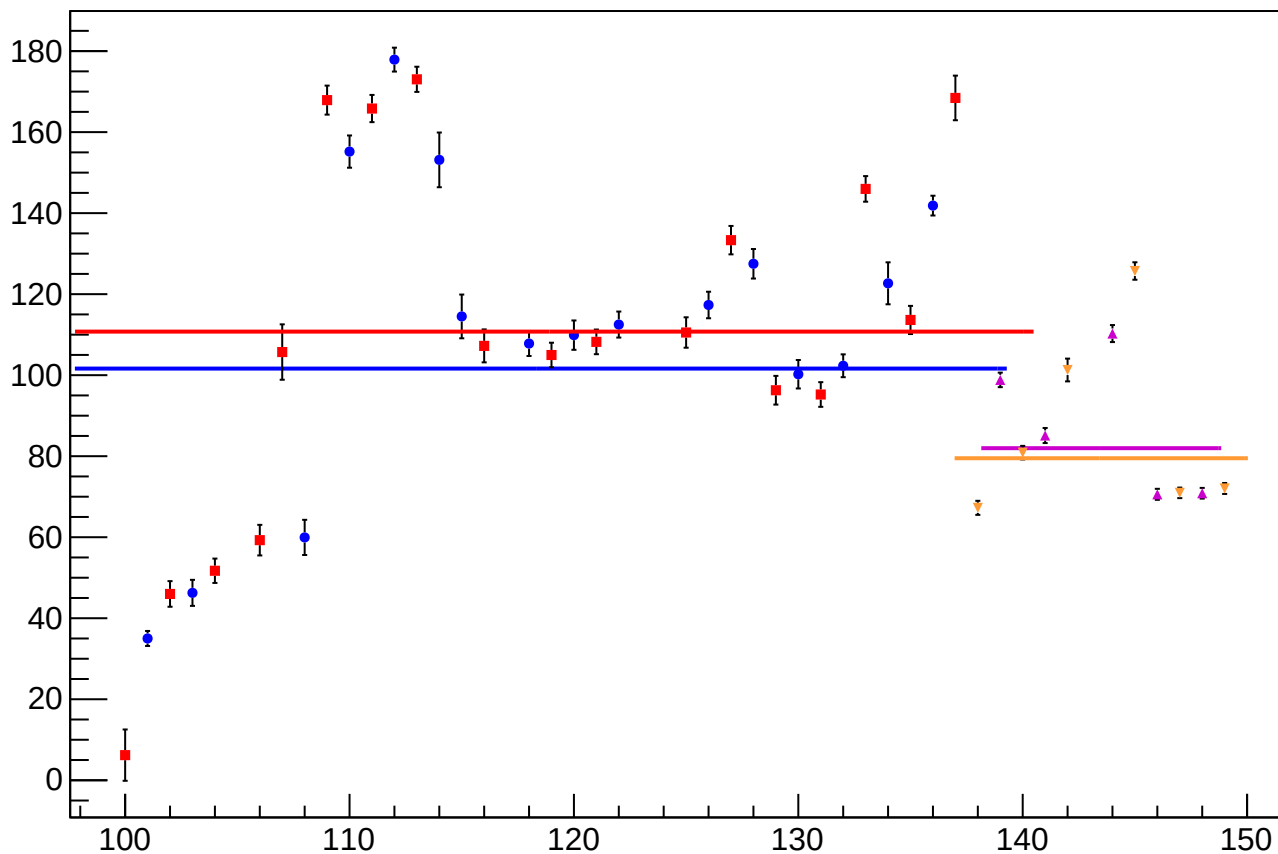
Right: 6.778 $\pm$ 0.310 χ^2 /NDF: 887.4/33

In: 5.259 $\pm$ 0.309 χ^2 /NDF:572.7/20

Out: 6.186 $\pm$ 0.316 χ^2 /NDF:614.4/23

All: 5.712 $\pm$ 0.221 χ^2 /NDF: 1191.5/44

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: 79.497 $\pm$ 0.679 χ^2 /NDF:644.4/5

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

Left In: 81.980 $\pm$ 0.717 χ^2 /NDF:414.1/4

Left: 80.670 $\pm$ 0.493 χ^2 /NDF: 1064.9/10

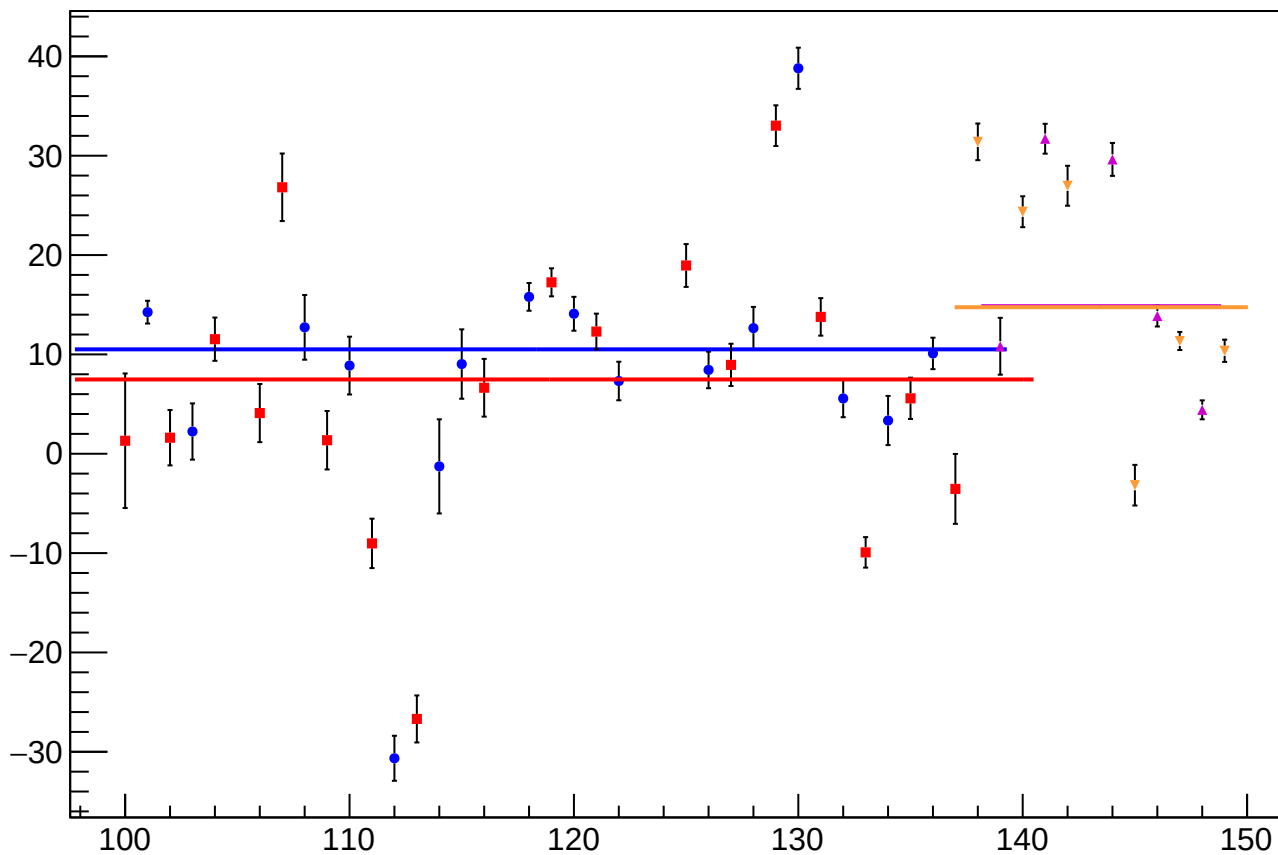
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 90.655 $\pm$ 0.536 χ^2 /NDF:3724.2/20

Out: 91.917 $\pm$ 0.527 χ^2 /NDF:3999.6/23

All: 91.297 $\pm$ 0.376 χ^2 /NDF: 7726.6/44

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 14.748 $\pm$ 0.559 χ^2 /NDF: 262.4/5

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

Left In: 14.855 $\pm$ 0.585 χ^2 /NDF: 327.9/4

Left: 14.799 $\pm$ 0.404 χ^2 /NDF: 590.4/10

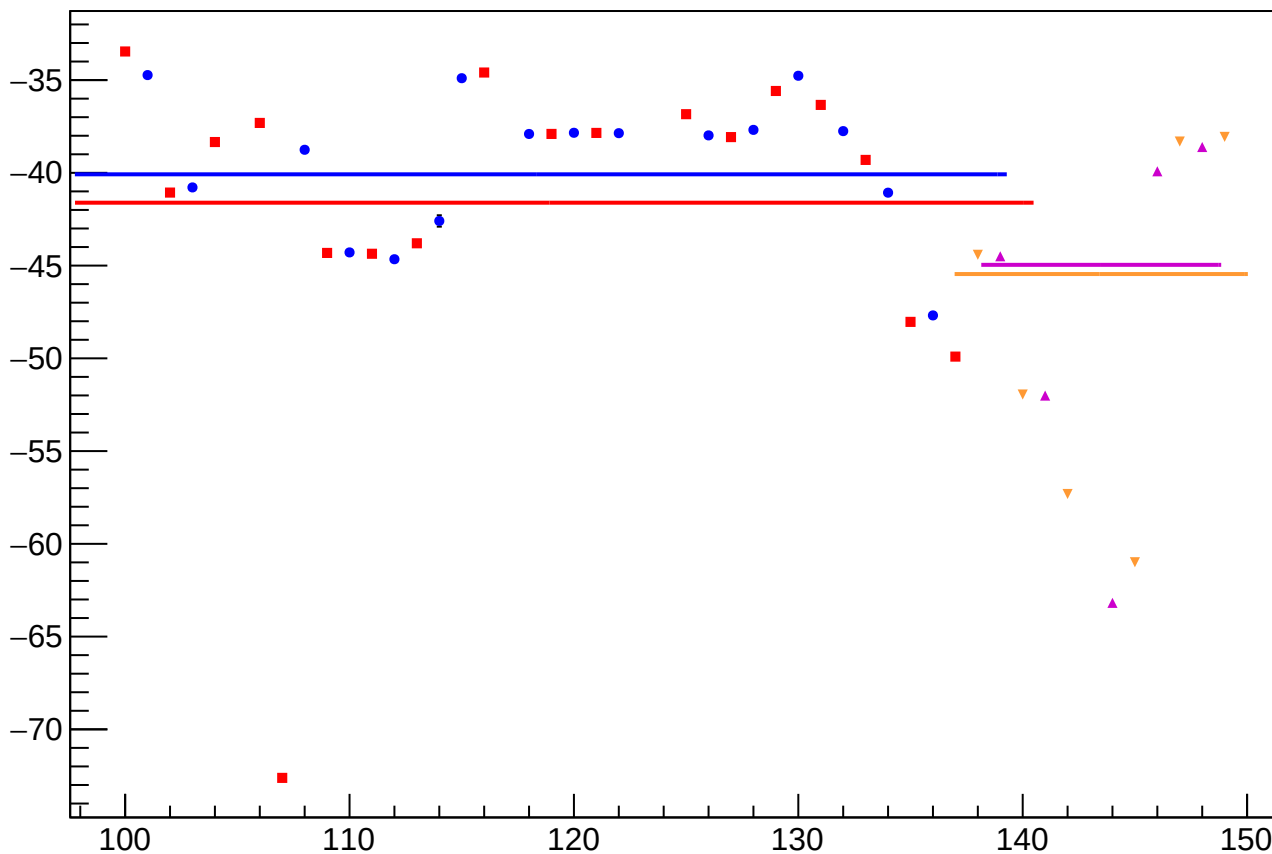
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 12.309 $\pm$ 0.377 χ^2 /NDF: 941.8/20

Out: 10.878 $\pm$ 0.382 χ^2 /NDF: 1041.8/23

All: 11.604 $\pm$ 0.268 χ^2 /NDF: 1990.7/44

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: -45.456+/-0.029 χ^2/NDF : 81716.7/5

Right Out: -41.609+/-0.029 χ^2/NDF : 61784.6/17

Left In: -44.959+/-0.030 χ^2/NDF : 67079.3/4

Left: -45.214+/-0.021 χ^2/NDF : 148936.6/10

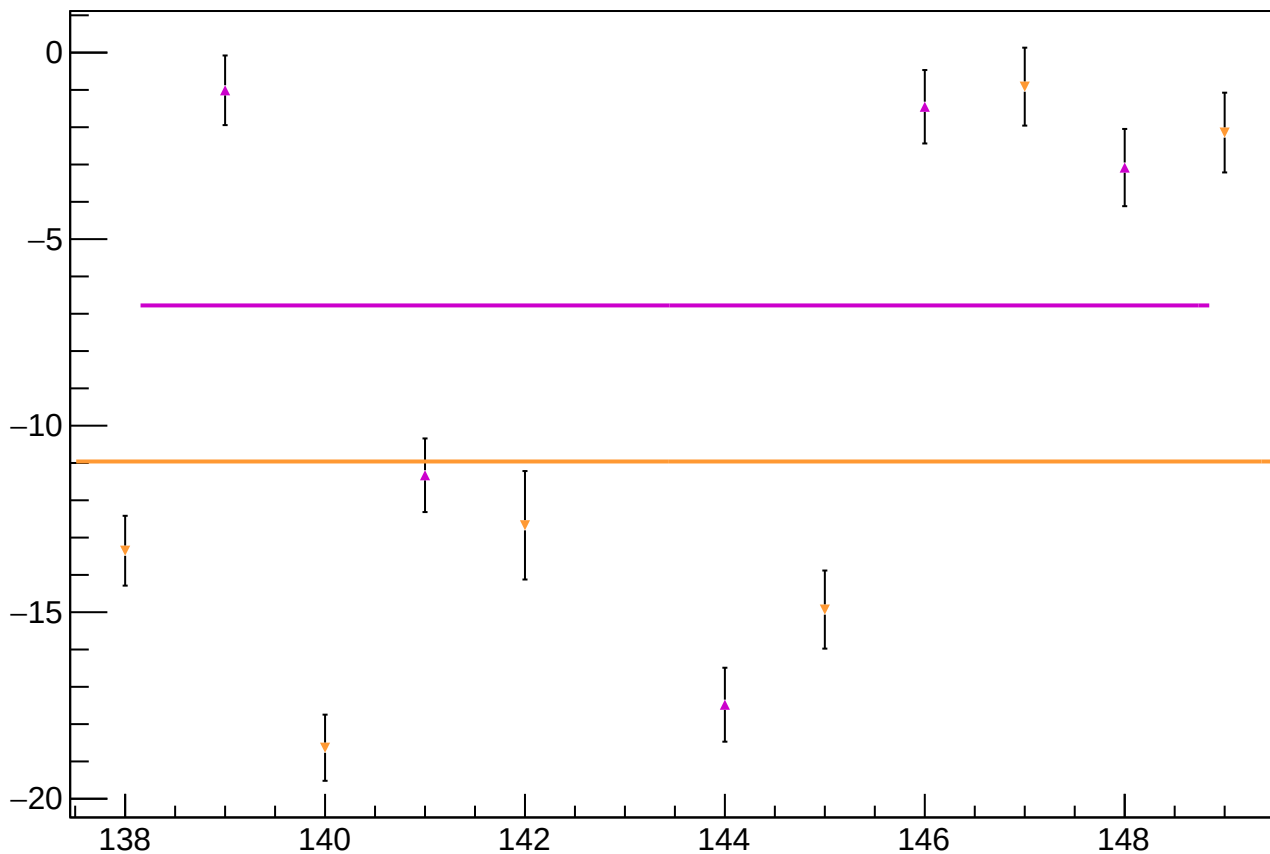
Right: -40.834+/-0.020 χ^2/NDF : 88360.5/33

In: -42.372+/-0.021 χ^2/NDF : 106272.8/20

Out: -43.489+/-0.020 χ^2/NDF : 152356.4/23

All: -42.933+/-0.014 χ^2/NDF : 260117.3/44

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: -10.960+/-0.423 χ^2/NDF : 257.7/5

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

Left In: -6.777+/-0.440 χ^2/NDF : 218.1/4

Left: -8.952+/-0.305 χ^2/NDF : 522.8/10

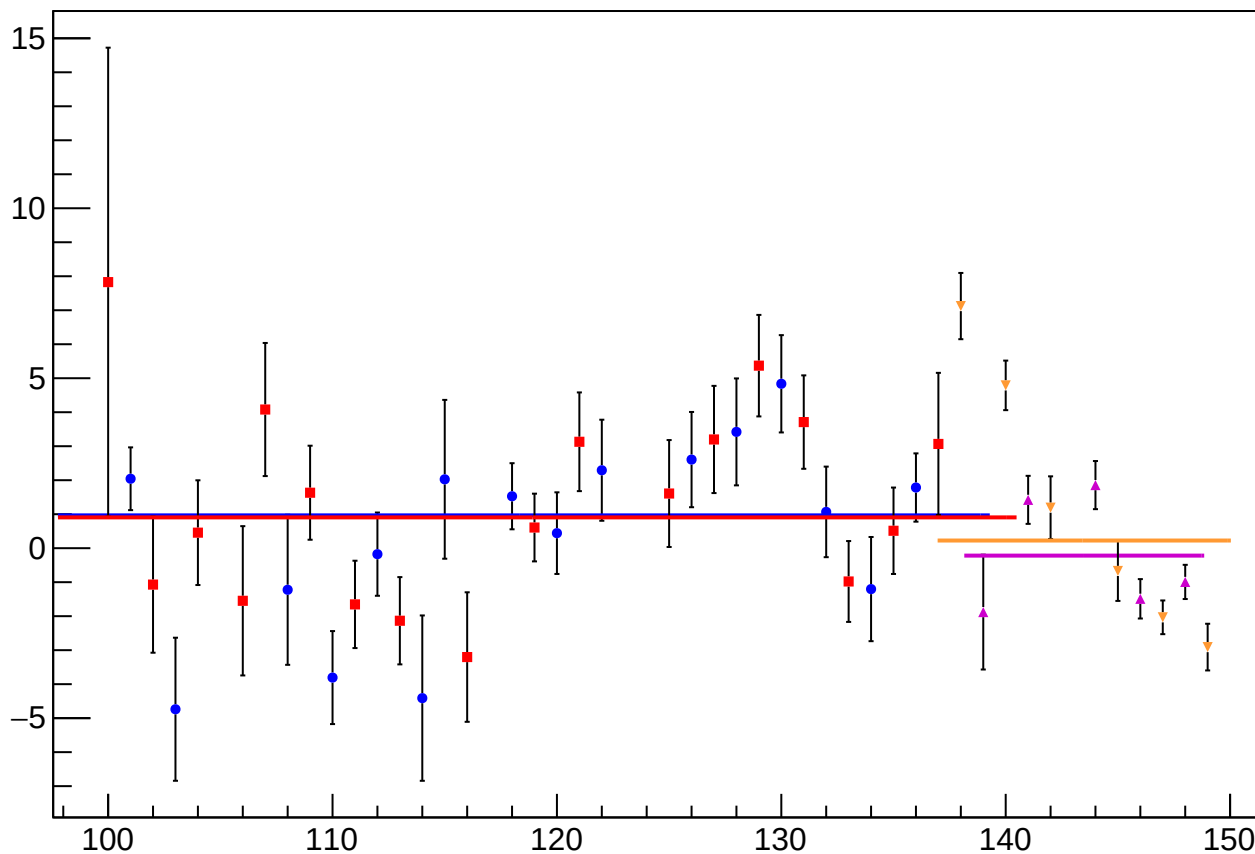
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.777+/-0.440 χ^2/NDF : 218.1/4

Out: -10.960+/-0.423 χ^2/NDF : 257.7/5

All: -8.952+/-0.305 χ^2/NDF : 522.8/10

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 0.226 ± 0.294 χ^2/NDF : 133.0/5

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

Left In: -0.218 ± 0.298 χ^2/NDF : 22.1/4

Left: 0.007 ± 0.209 χ^2/NDF : 156.3/10

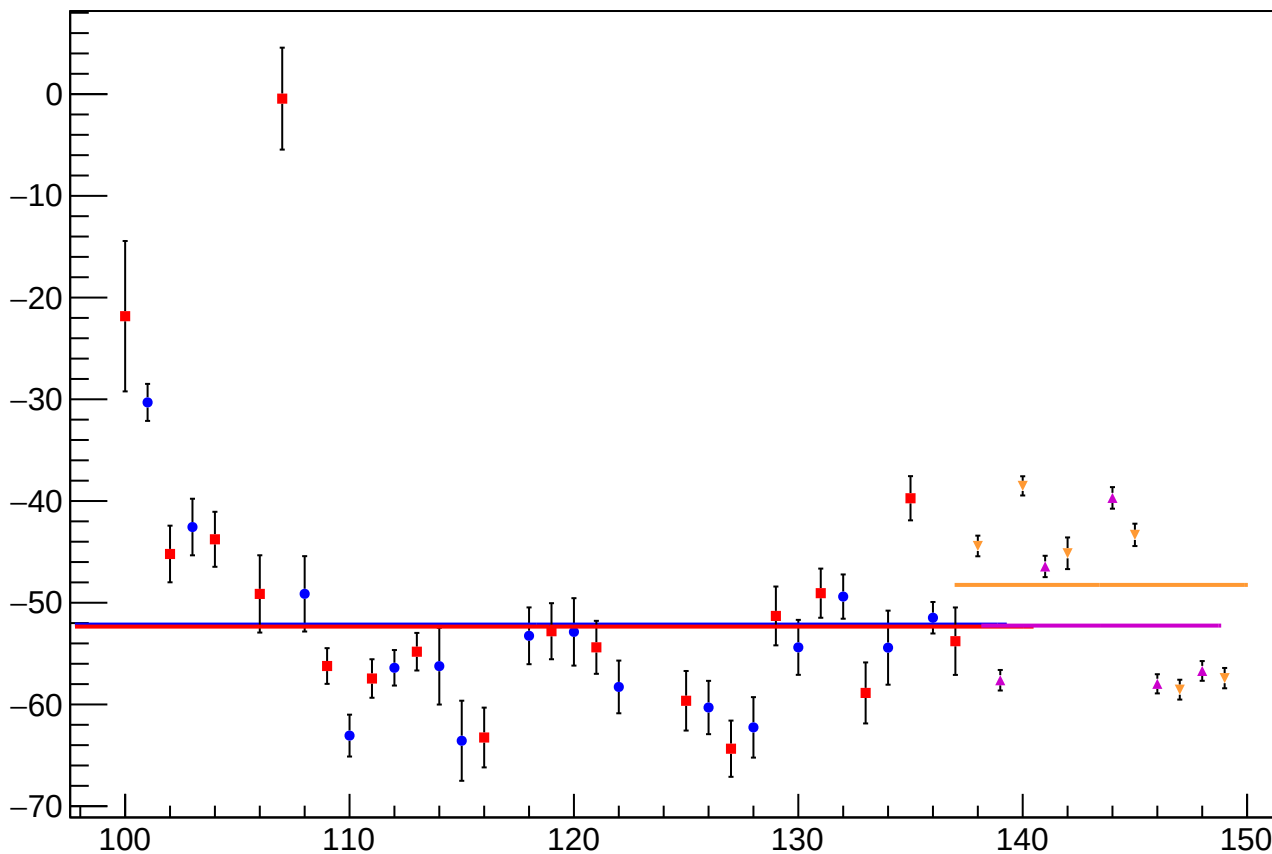
Right: 0.937 ± 0.244 χ^2/NDF : 84.9/33

In: 0.299 ± 0.223 χ^2/NDF : 72.0/20

Out: 0.503 ± 0.226 χ^2/NDF : 177.2/23

All: 0.400 ± 0.159 χ^2/NDF : 249.6/44

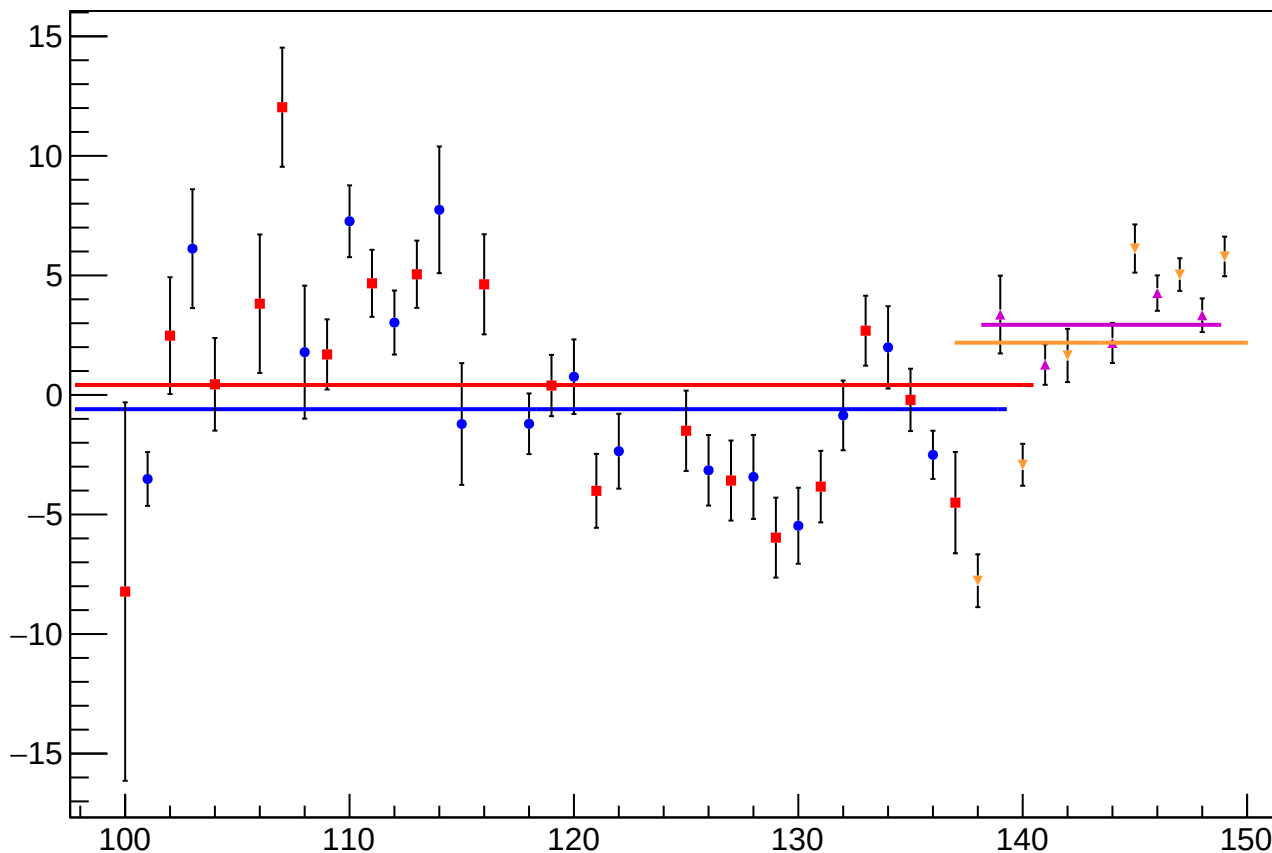
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15
 Left Out: -48.247 ± 0.431 χ^2/NDF : 340.0/5
 Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17
 Left In: -52.247 ± 0.449 χ^2/NDF : 257.3/4

Left: -50.167 ± 0.311 χ^2/NDF : 638.6/10
 Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33
 In: -52.213 ± 0.362 χ^2/NDF : 487.5/20
 Out: -49.595 ± 0.353 χ^2/NDF : 605.5/23
 All: -50.872 ± 0.253 χ^2/NDF : 1119.8/44

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 $\chi^2/\text{NDF}: 82.6/15$

Left Out: 2.186 ± 0.365 $\chi^2/\text{NDF}: 167.0/5$

Right Out: 0.416 ± 0.400 $\chi^2/\text{NDF}: 95.8/17$

Left In: 2.933 ± 0.377 $\chi^2/\text{NDF}: 8.3/4$

Left: 2.547 ± 0.262 $\chi^2/\text{NDF}: 177.3/10$

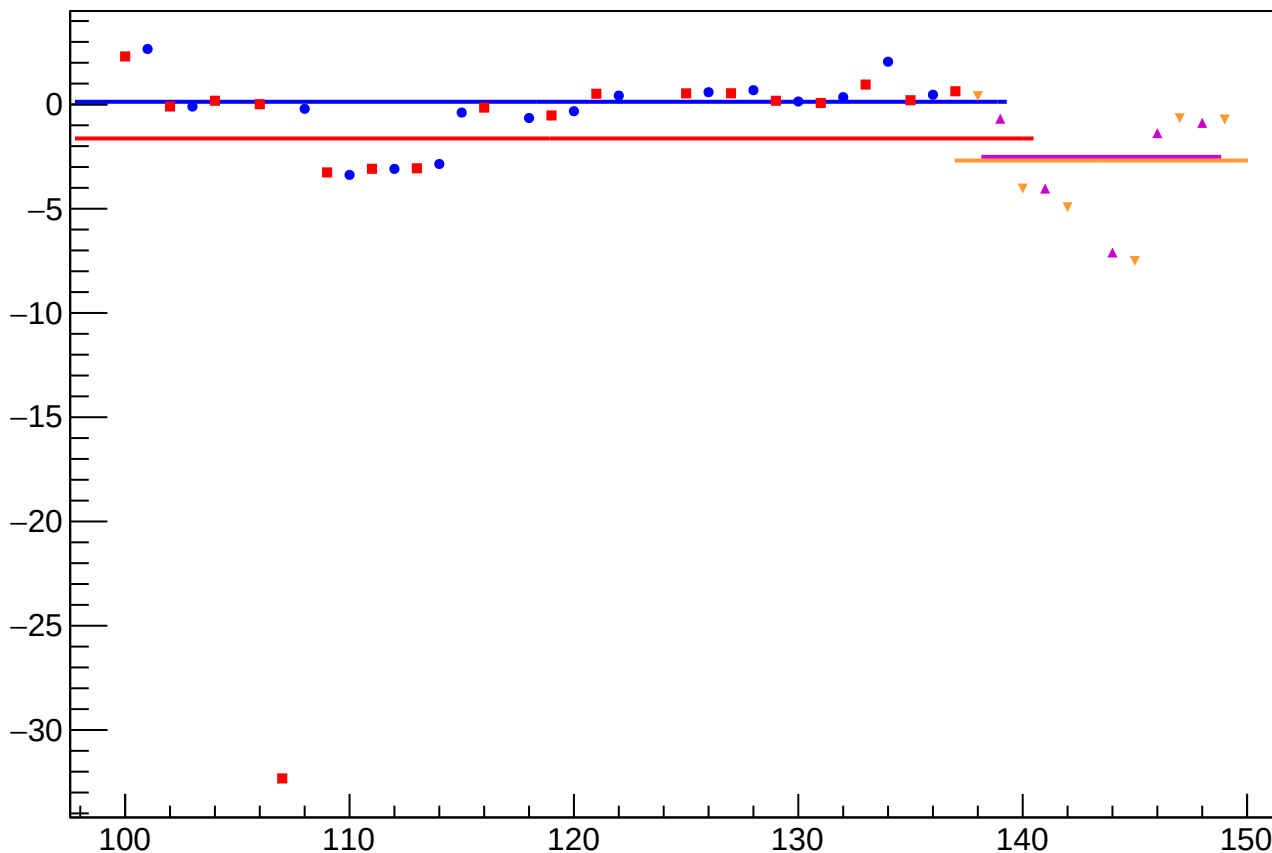
Right: -0.111 ± 0.277 $\chi^2/\text{NDF}: 181.7/33$

In: 1.200 ± 0.269 $\chi^2/\text{NDF}: 133.9/20$

Out: 1.382 ± 0.269 $\chi^2/\text{NDF}: 273.5/23$

All: 1.291 ± 0.190 $\chi^2/\text{NDF}: 407.6/44$

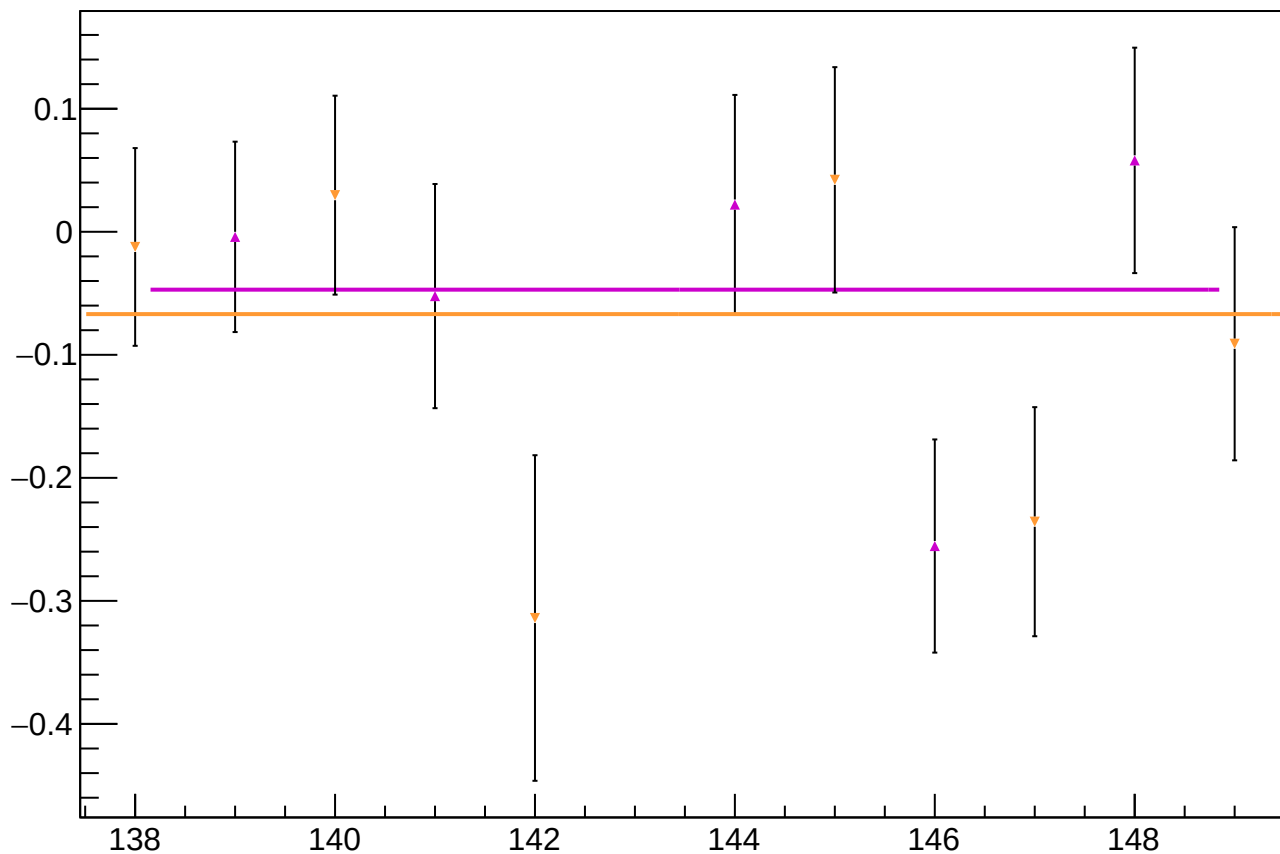
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -2.688 ± 0.018 $\chi^2/\text{NDF}: 24851.9/5$
 Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$
 Left In: -2.514 ± 0.019 $\chi^2/\text{NDF}: 15945.1/4$

Left: -2.602 ± 0.013 $\chi^2/\text{NDF}: 40841.7/10$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$
 In: -1.389 ± 0.014 $\chi^2/\text{NDF}: 29872.8/20$
 Out: -2.254 ± 0.014 $\chi^2/\text{NDF}: 104115.9/23$
 All: -1.824 ± 0.010 $\chi^2/\text{NDF}: 135901.9/44$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.067 $\pm$ 0.038 χ^2 /NDF:10.1/5

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

Left In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Left: -0.057 $\pm$ 0.027 χ^2 /NDF: 18.3/10

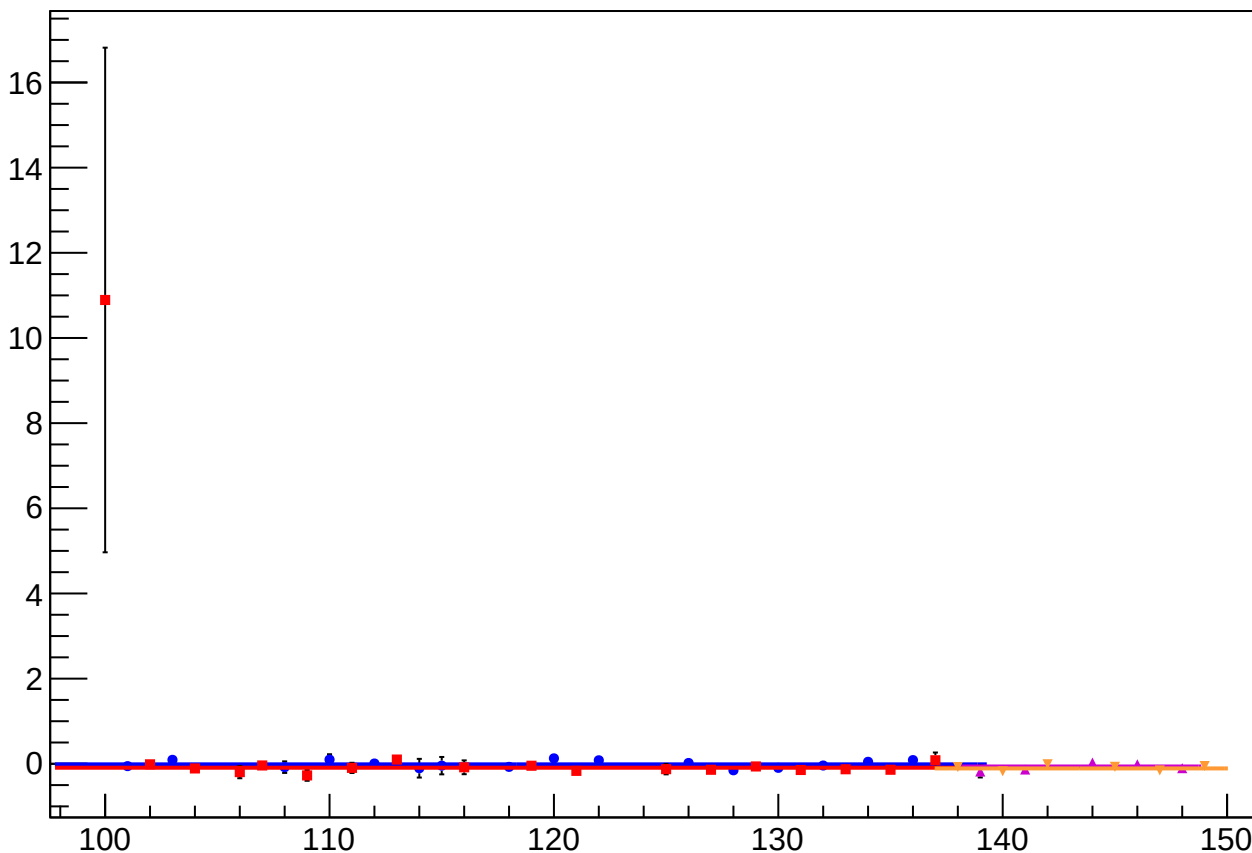
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Out: -0.067 $\pm$ 0.038 χ^2 /NDF:10.1/5

All: -0.057 $\pm$ 0.027 χ^2 /NDF: 18.3/10

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 $\chi^2/\text{NDF}: 12.2/15$

Left Out: -0.109 ± 0.026 $\chi^2/\text{NDF}: 4.7/5$

Right Out: -0.092 ± 0.025 $\chi^2/\text{NDF}: 12.7/17$

Left In: -0.063 ± 0.027 $\chi^2/\text{NDF}: 5.7/4$

Left: -0.086 ± 0.019 $\chi^2/\text{NDF}: 11.9/10$

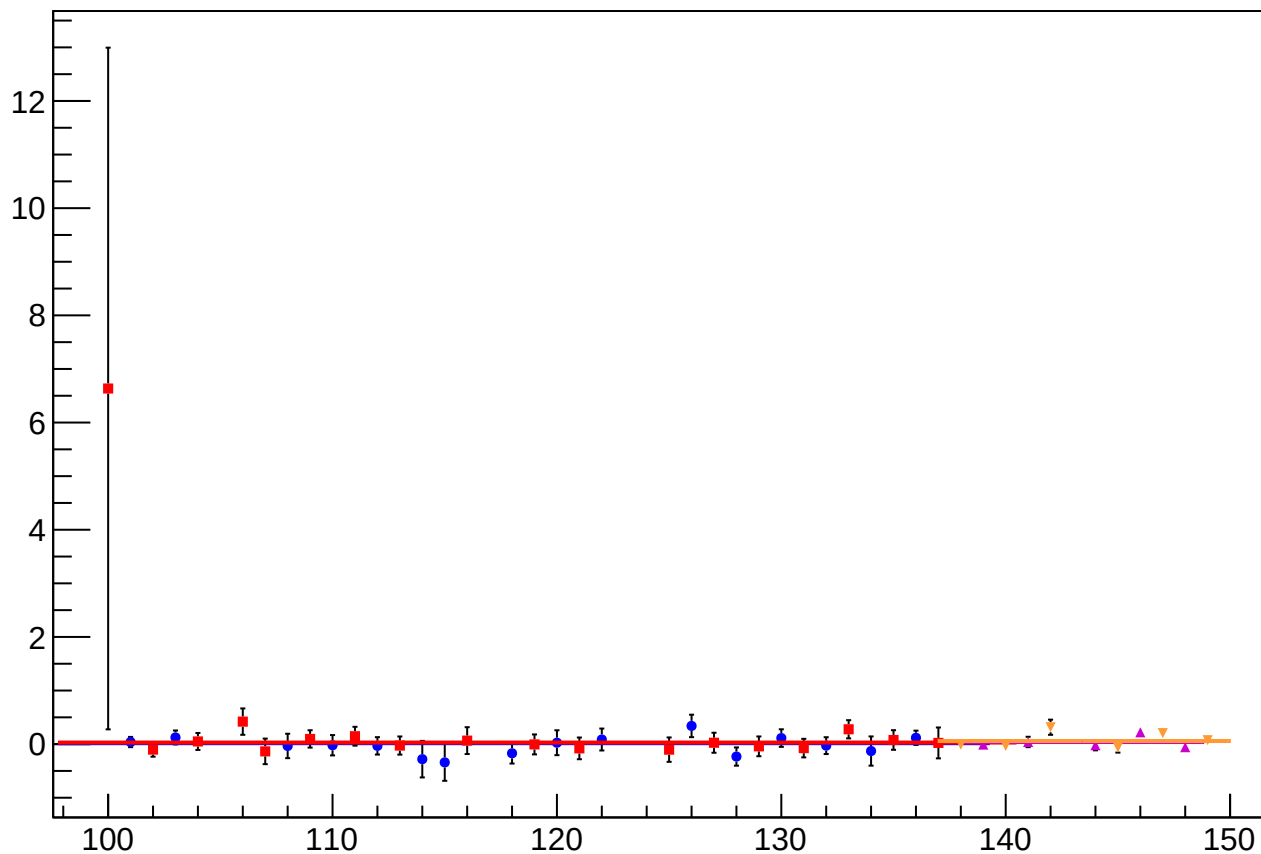
Right: -0.050 ± 0.017 $\chi^2/\text{NDF}: 30.3/33$

In: -0.035 ± 0.018 $\chi^2/\text{NDF}: 20.0/20$

Out: -0.100 ± 0.018 $\chi^2/\text{NDF}: 17.6/23$

All: -0.066 ± 0.013 $\chi^2/\text{NDF}: 44.3/44$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.043 χ^2/NDF : 9.6/15

Left Out: 0.058+/-0.038 χ^2/NDF : 9.5/5

Right Out: 0.030+/-0.045 χ^2/NDF : 9.2/17

Left In: 0.039+/-0.040 χ^2/NDF : 6.7/4

Left: 0.049+/-0.027 χ^2/NDF : 16.3/10

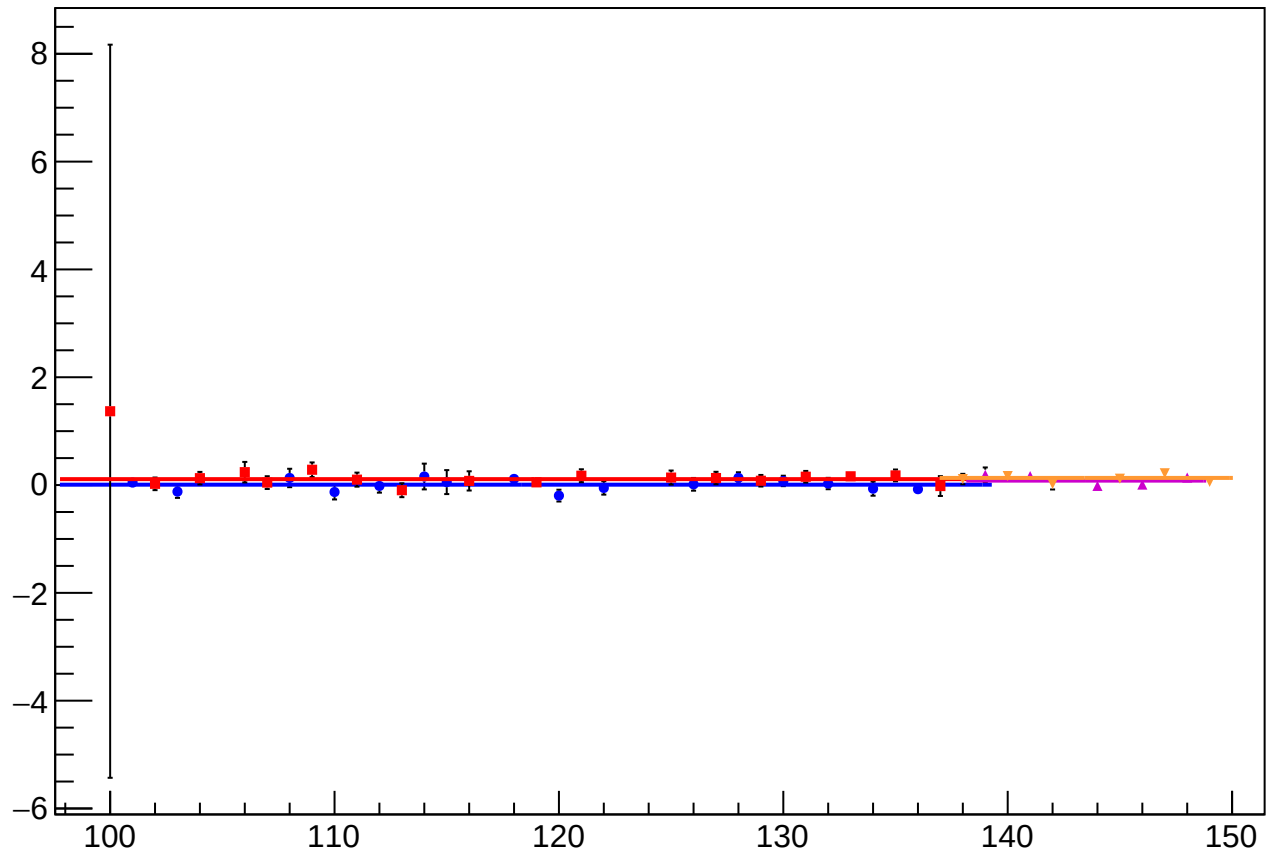
Right: 0.023+/-0.031 χ^2/NDF : 18.9/33

In: 0.029+/-0.029 χ^2/NDF : 16.5/20

Out: 0.046+/-0.029 χ^2/NDF : 18.9/23

All: 0.038+/-0.021 χ^2/NDF : 35.6/44

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007+/-0.027 χ^2/NDF : 12.1/15

Left Out: 0.132+/-0.033 χ^2/NDF : 4.5/5

Right Out: 0.110+/-0.029 χ^2/NDF : 8.0/17

Left In: 0.082+/-0.034 χ^2/NDF : 5.6/4

Left: 0.108+/-0.023 χ^2/NDF : 11.2/10

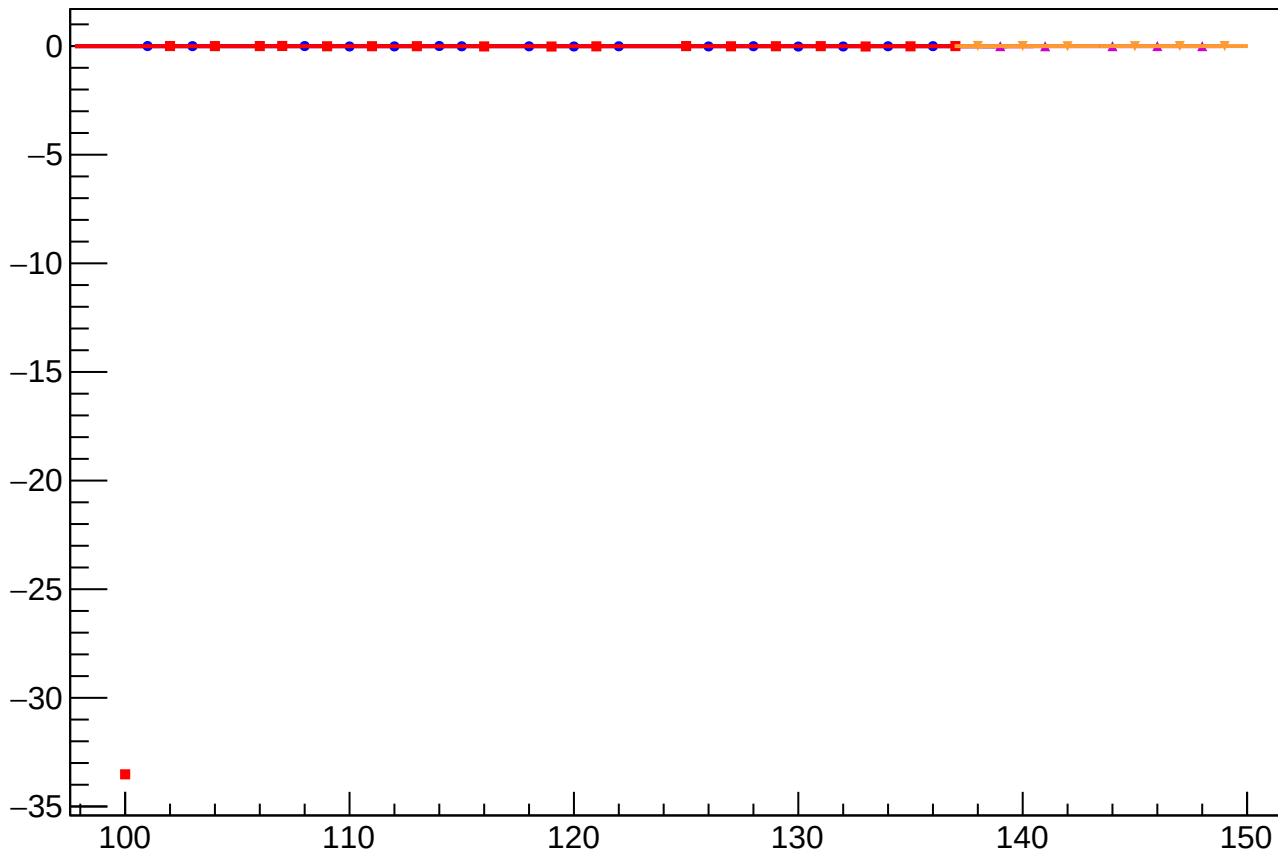
Right: 0.055+/-0.020 χ^2/NDF : 27.0/33

In: 0.036+/-0.021 χ^2/NDF : 20.8/20

Out: 0.120+/-0.022 χ^2/NDF : 12.7/23

All: 0.077+/-0.015 χ^2/NDF : 41.1/44

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:6.0/5

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.002 $\pm$ 0.002 χ^2 /NDF:3.0/4

Left: -0.001 $\pm$ 0.001 χ^2 /NDF: 9.8/10

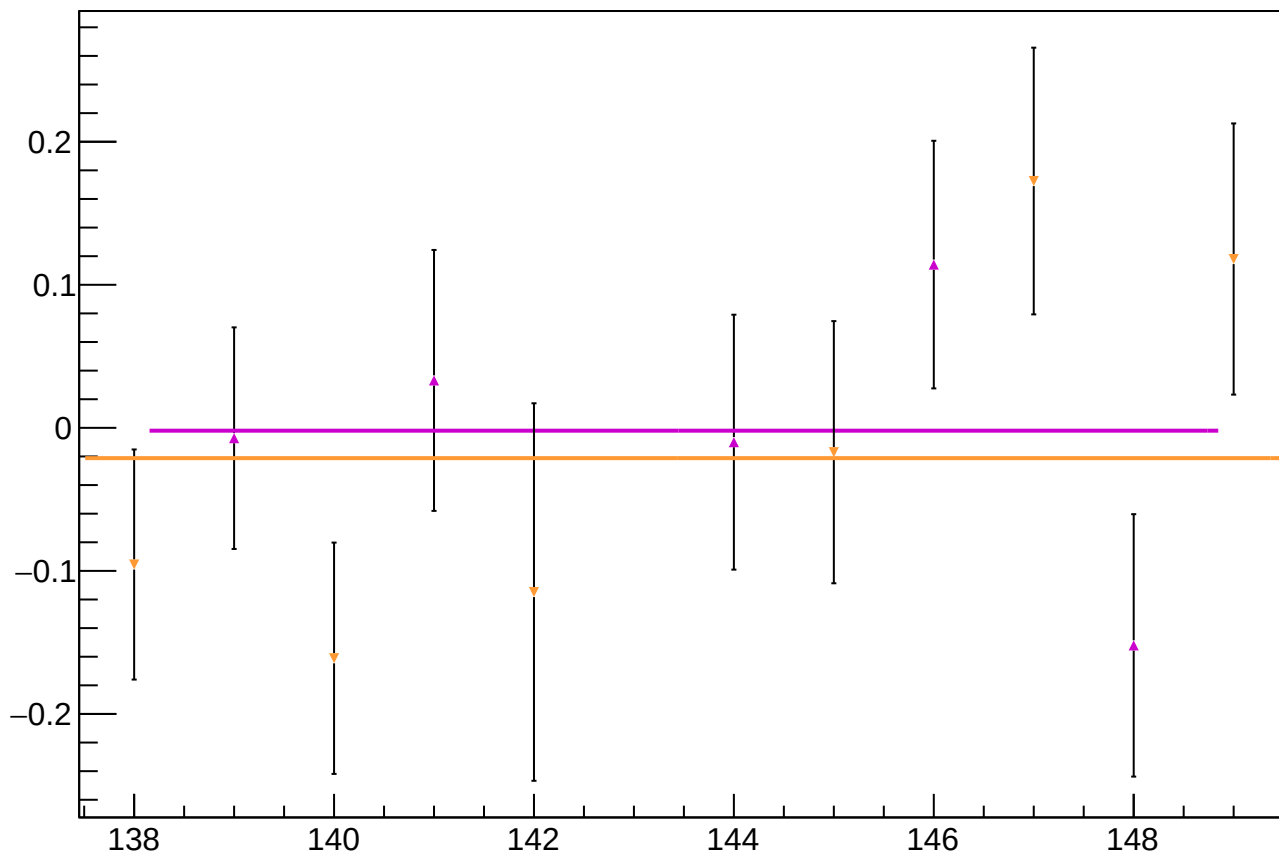
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.6/33

In: -0.004 $\pm$ 0.001 χ^2 /NDF:28.3/20

Out: -0.003 $\pm$ 0.001 χ^2 /NDF:26522.9/23

All: -0.003 $\pm$ 0.001 χ^2 /NDF: 26551.4/44

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.021 $\pm$ 0.038 χ^2 /NDF:10.8/5

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

Left In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Left: -0.012 $\pm$ 0.027 χ^2 /NDF: 15.6/10

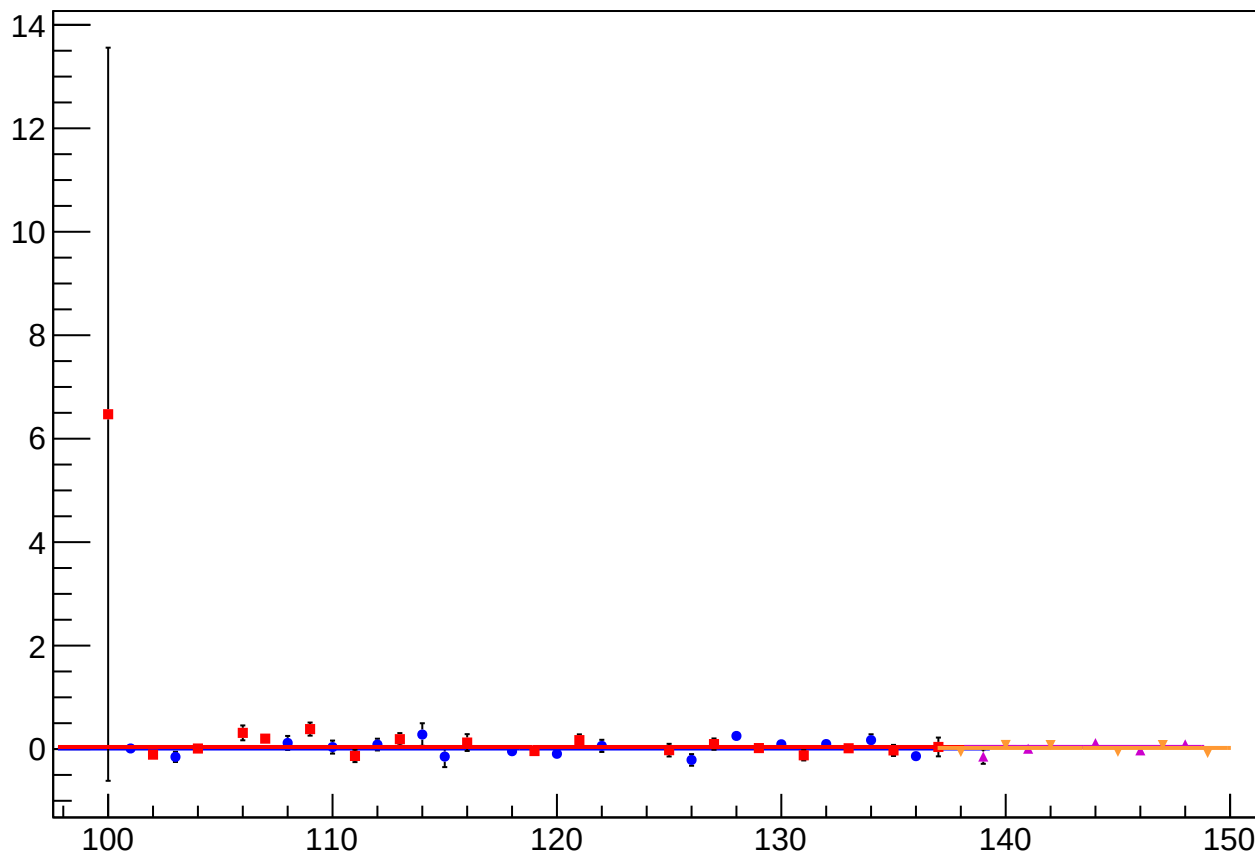
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Out: -0.021 $\pm$ 0.038 χ^2 /NDF:10.8/5

All: -0.012 $\pm$ 0.027 χ^2 /NDF: 15.6/10

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: 0.022 $\pm$ 0.026 χ^2 /NDF:7.1/5

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

Left In: 0.042 $\pm$ 0.027 χ^2 /NDF:6.3/4

Left: 0.032 $\pm$ 0.019 χ^2 /NDF: 13.7/10

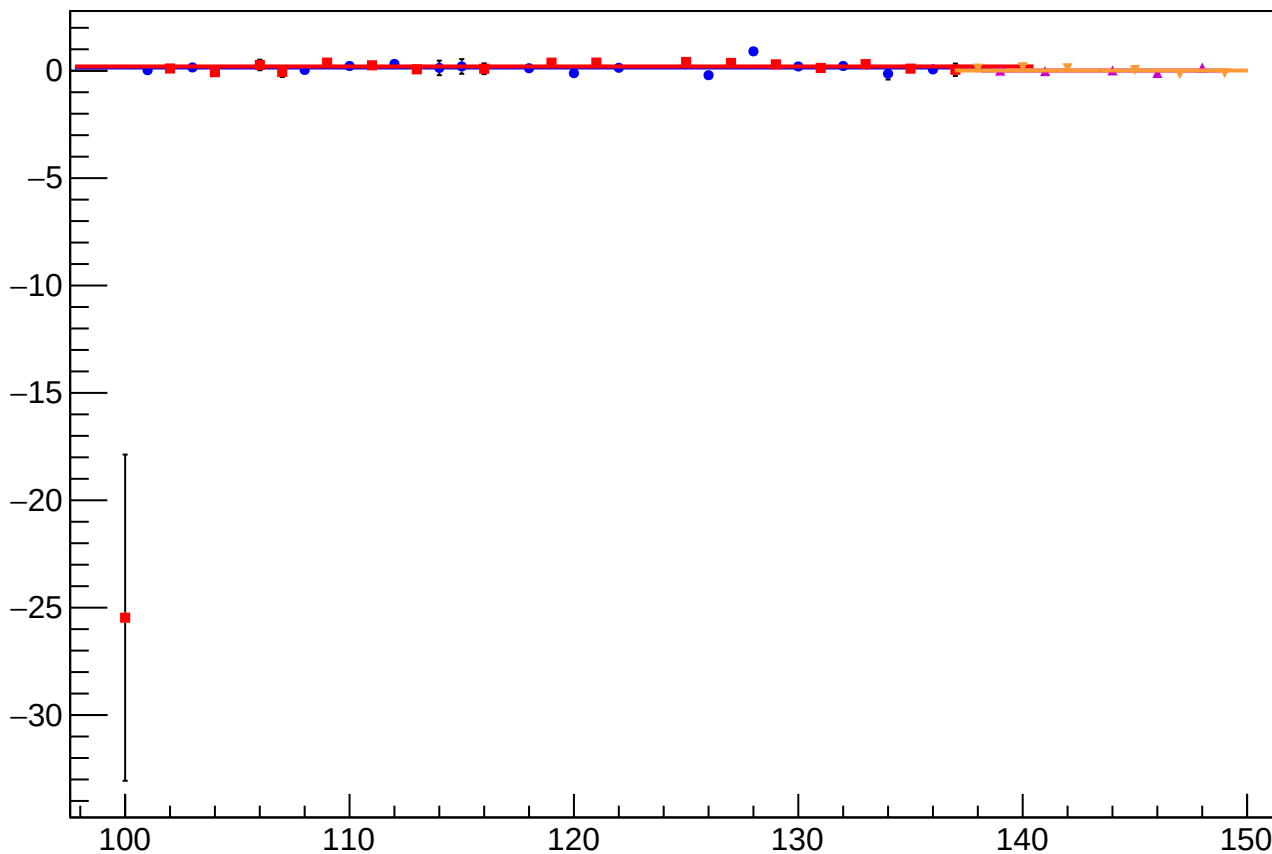
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.024 $\pm$ 0.018 χ^2 /NDF:32.5/20

Out: 0.032 $\pm$ 0.018 χ^2 /NDF:35.3/23

All: 0.028 $\pm$ 0.013 χ^2 /NDF: 67.9/44

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: 0.012 $\pm$ 0.038 χ^2 /NDF:10.5/5

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

Left In: 0.010 $\pm$ 0.040 χ^2 /NDF:4.5/4

Left: 0.011 $\pm$ 0.027 χ^2 /NDF: 15.1/10

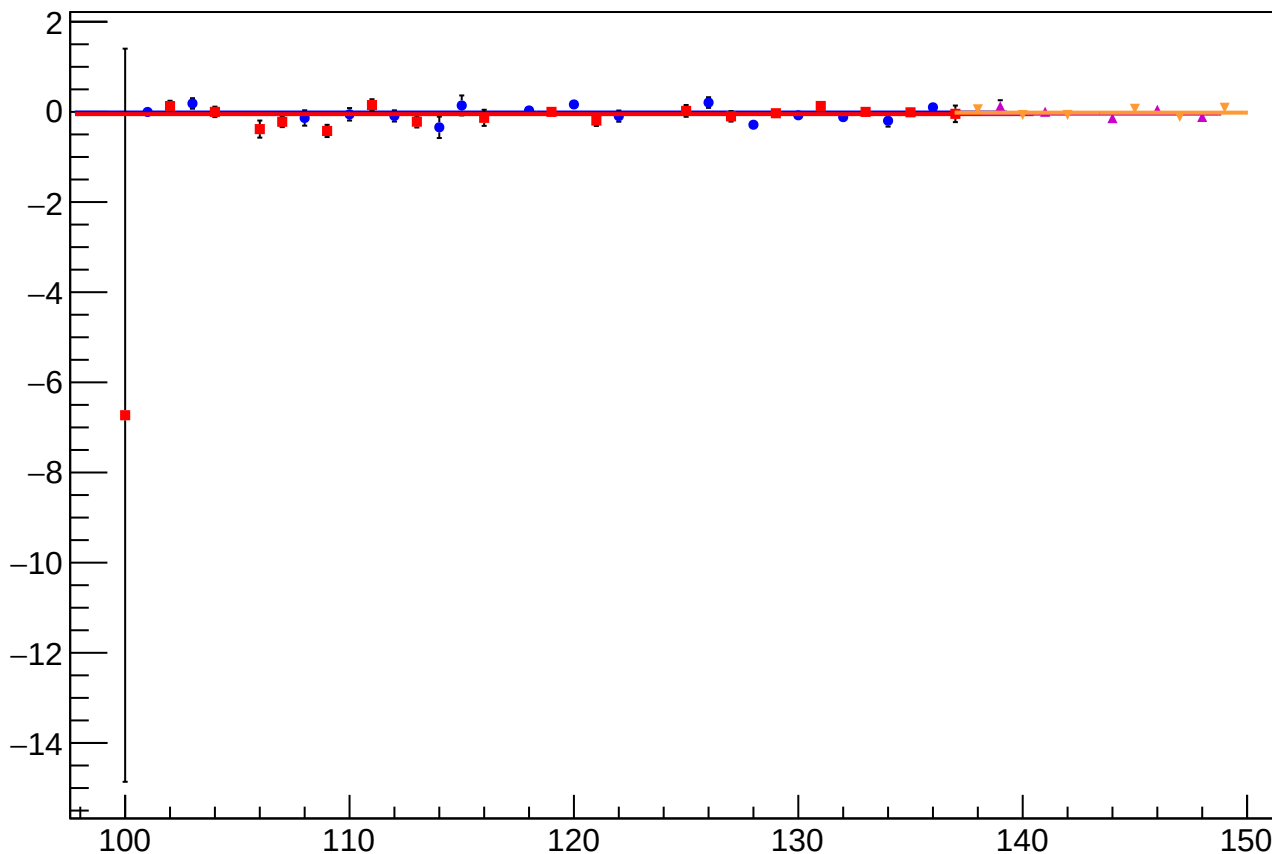
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.075 $\pm$ 0.029 χ^2 /NDF:39.2/20

Out: 0.091 $\pm$ 0.029 χ^2 /NDF:43.5/23

All: 0.083 $\pm$ 0.021 χ^2 /NDF: 82.9/44

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.027 $\chi^2/\text{NDF}: 25.2/15$

Left Out: -0.016 ± 0.033 $\chi^2/\text{NDF}: 6.7/5$

Right Out: -0.050 ± 0.029 $\chi^2/\text{NDF}: 25.7/17$

Left In: -0.039 ± 0.034 $\chi^2/\text{NDF}: 6.6/4$

Left: -0.027 ± 0.023 $\chi^2/\text{NDF}: 13.6/10$

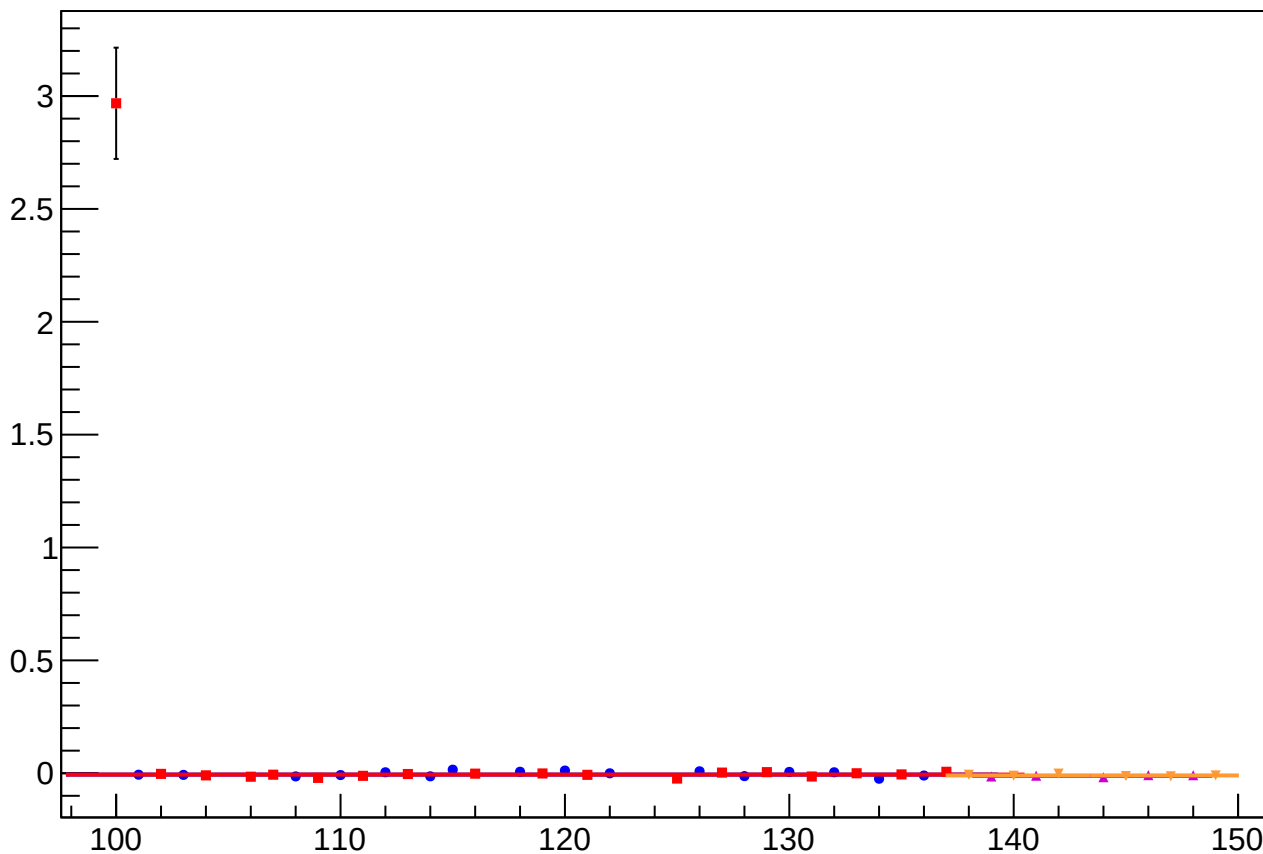
Right: -0.031 ± 0.020 $\chi^2/\text{NDF}: 51.8/33$

In: -0.023 ± 0.021 $\chi^2/\text{NDF}: 32.1/20$

Out: -0.035 ± 0.022 $\chi^2/\text{NDF}: 33.0/23$

All: -0.029 ± 0.015 $\chi^2/\text{NDF}: 65.3/44$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.010 ± 0.002 χ^2/NDF : 4.5/5

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

Left In: -0.012 ± 0.002 χ^2/NDF : 4.1/4

Left: -0.011 ± 0.001 χ^2/NDF : 9.6/10

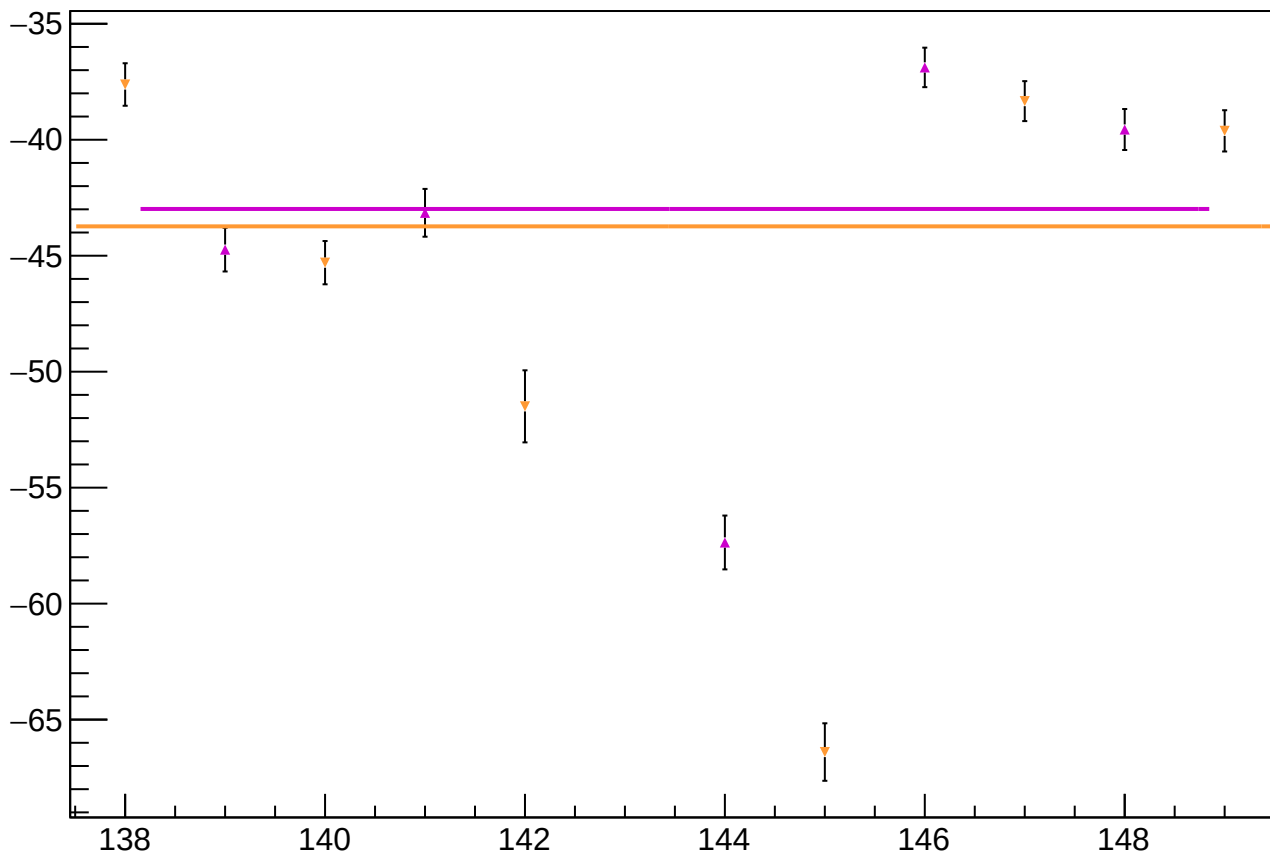
Right: -0.006 ± 0.001 χ^2/NDF : 194.8/33

In: -0.009 ± 0.001 χ^2/NDF : 40.9/20

Out: -0.008 ± 0.001 χ^2/NDF : 173.3/23

All: -0.008 ± 0.001 χ^2/NDF : 214.7/44

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: -43.735+/-0.408 χ^2/NDF : 467.3/5

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

Left In: -42.984+/-0.428 χ^2/NDF : 223.5/4

Left: -43.377+/-0.295 χ^2/NDF : 692.4/10

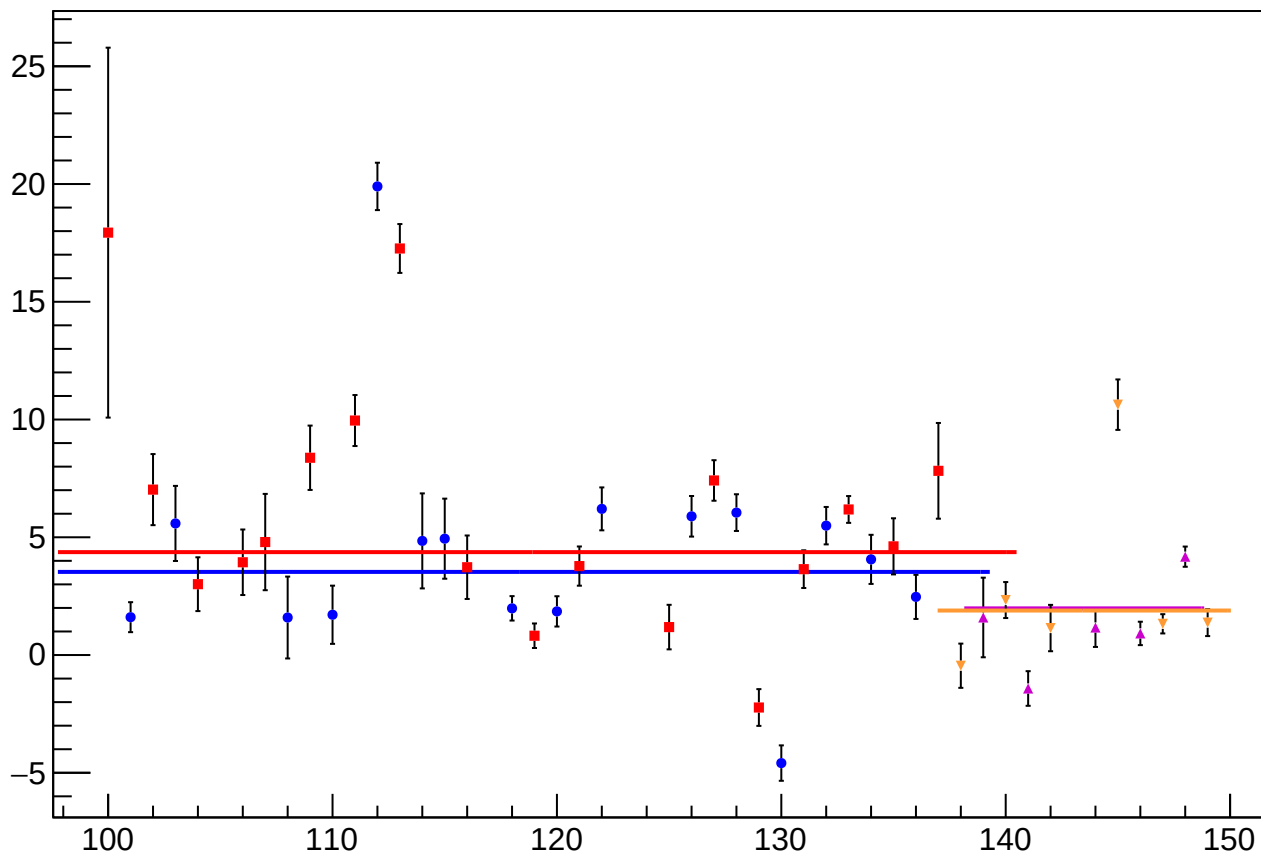
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.984+/-0.428 χ^2/NDF : 223.5/4

Out: -43.735+/-0.408 χ^2/NDF : 467.3/5

All: -43.377+/-0.295 χ^2/NDF : 692.4/10

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 $\pm$ 0.217 χ^2 /NDF: 446.6/15

Left Out: 1.890 $\pm$ 0.269 χ^2 /NDF: 76.4/5

Right Out: 4.370 $\pm$ 0.225 χ^2 /NDF: 353.8/17

Left In: 1.981 $\pm$ 0.276 χ^2 /NDF: 53.2/4

Left: 1.934 $\pm$ 0.193 χ^2 /NDF: 129.7/10

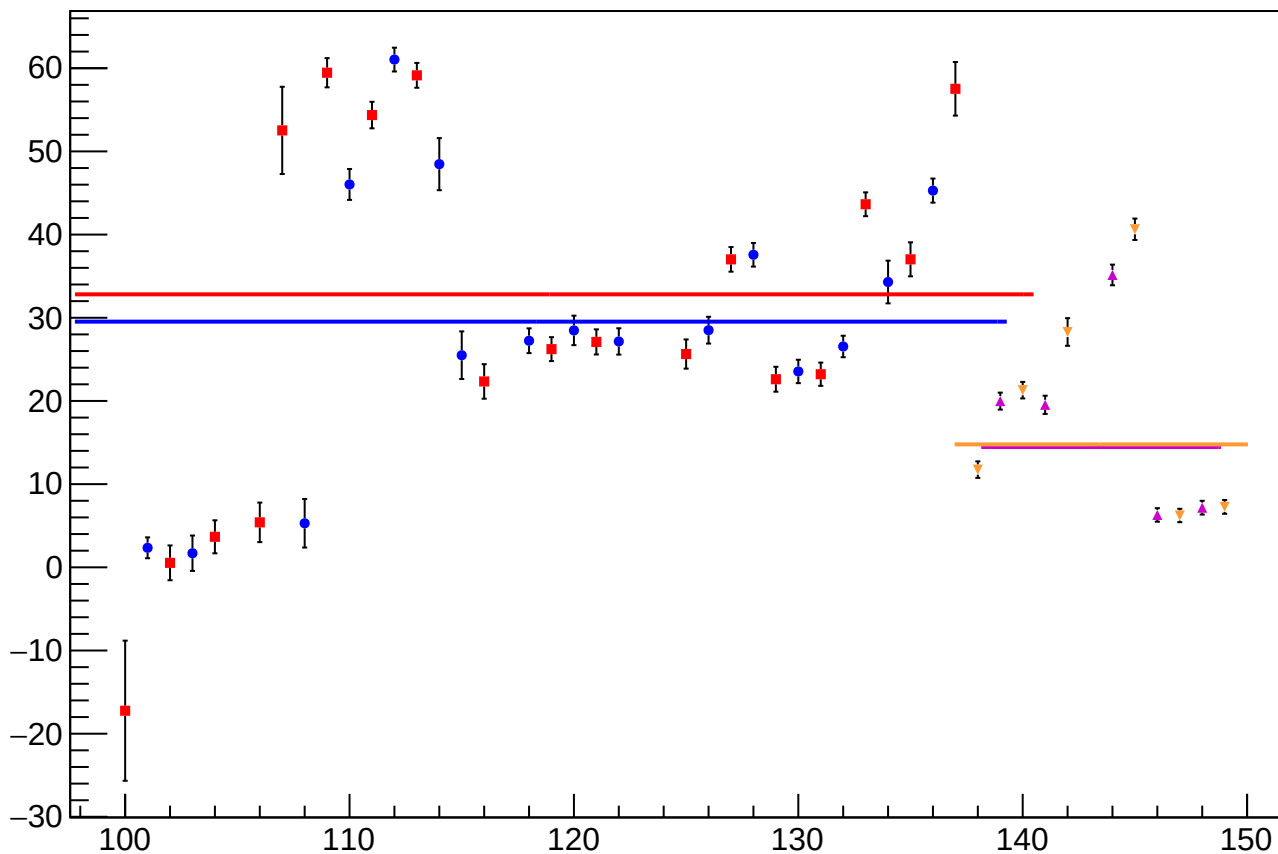
Right: 3.934 $\pm$ 0.156 χ^2 /NDF: 807.6/33

In: 2.936 $\pm$ 0.171 χ^2 /NDF: 519.2/20

Out: 3.347 $\pm$ 0.173 χ^2 /NDF: 480.1/23

All: 3.139 $\pm$ 0.121 χ^2 /NDF: 1002.2/44

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: 14.776 $\pm$ 0.409 χ^2 /NDF: 717.1/5

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

Left In: 14.463 $\pm$ 0.430 χ^2 /NDF: 506.8/4

Left: 14.627 $\pm$ 0.296 χ^2 /NDF: 1224.1/10

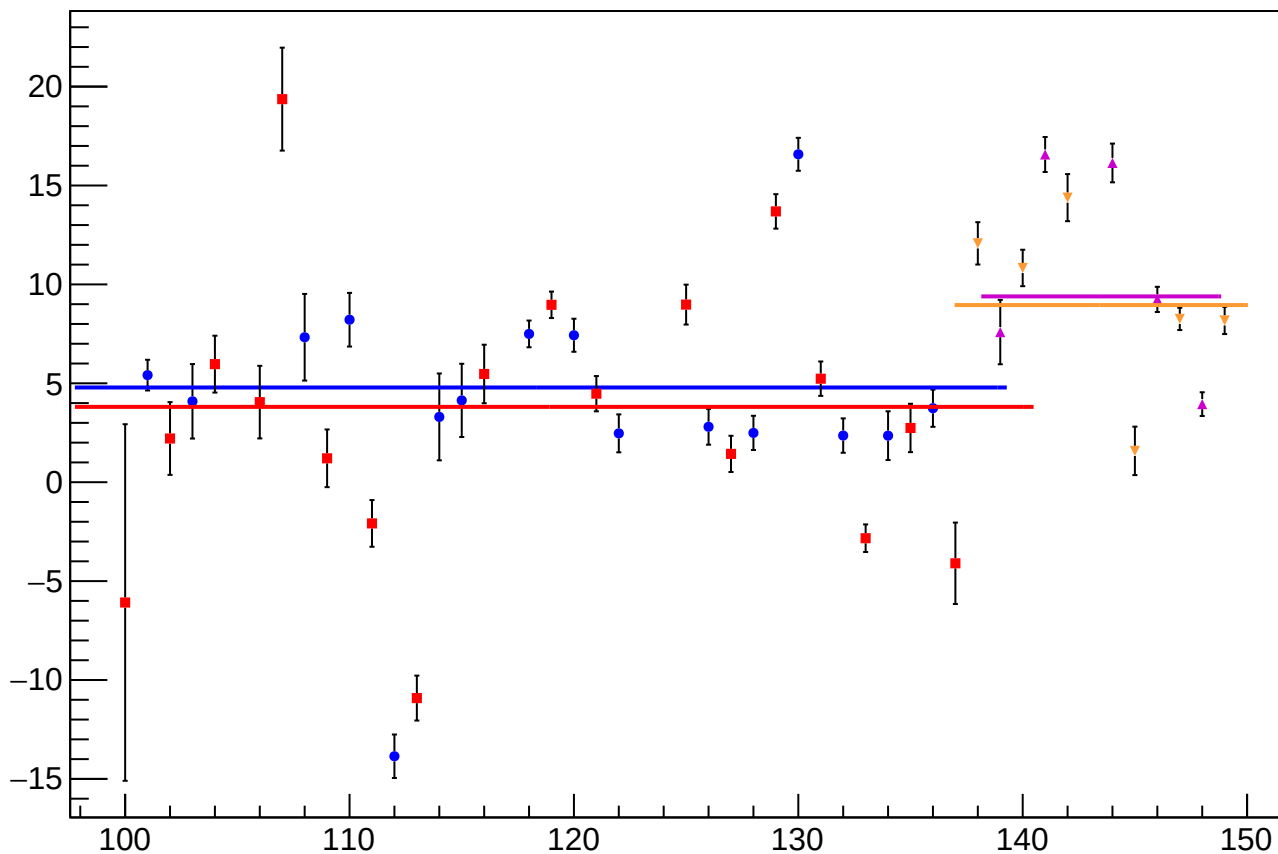
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 22.234 $\pm$ 0.299 χ^2 /NDF: 2635.2/20

Out: 23.493 $\pm$ 0.294 χ^2 /NDF: 3317.0/23

All: 22.875 $\pm$ 0.210 χ^2 /NDF: 5961.2/44

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 8.956 ± 0.339 χ^2/NDF : 72.5/5

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

Left In: 9.393 ± 0.355 χ^2/NDF : 197.0/4

Left: 9.165 ± 0.245 χ^2/NDF : 270.3/10

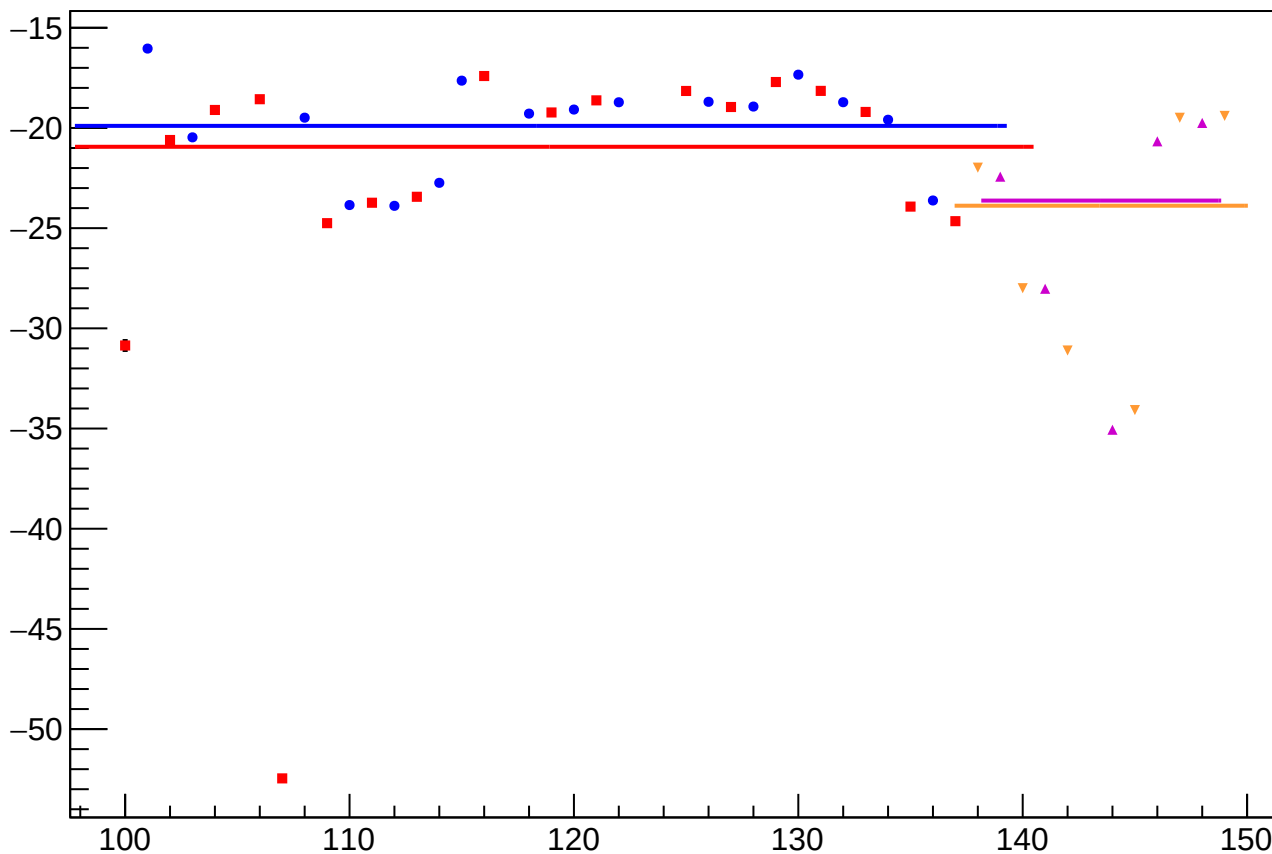
Right: 4.313 ± 0.180 χ^2/NDF : 1128.9/33

In: 6.327 ± 0.205 χ^2/NDF : 863.2/20

Out: 5.702 ± 0.206 χ^2/NDF : 785.5/23

All: 6.016 ± 0.145 χ^2/NDF : 1653.3/44

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 $\pm$ 0.016 χ^2 /NDF: 26073.6/15

Left Out: -23.880 $\pm$ 0.018 χ^2 /NDF: 92013.7/5

Right Out: -20.938 $\pm$ 0.016 χ^2 /NDF: 94065.2/17

Left In: -23.623 $\pm$ 0.018 χ^2 /NDF: 73214.4/4

Left: -23.754 $\pm$ 0.013 χ^2 /NDF: 165333.0/10

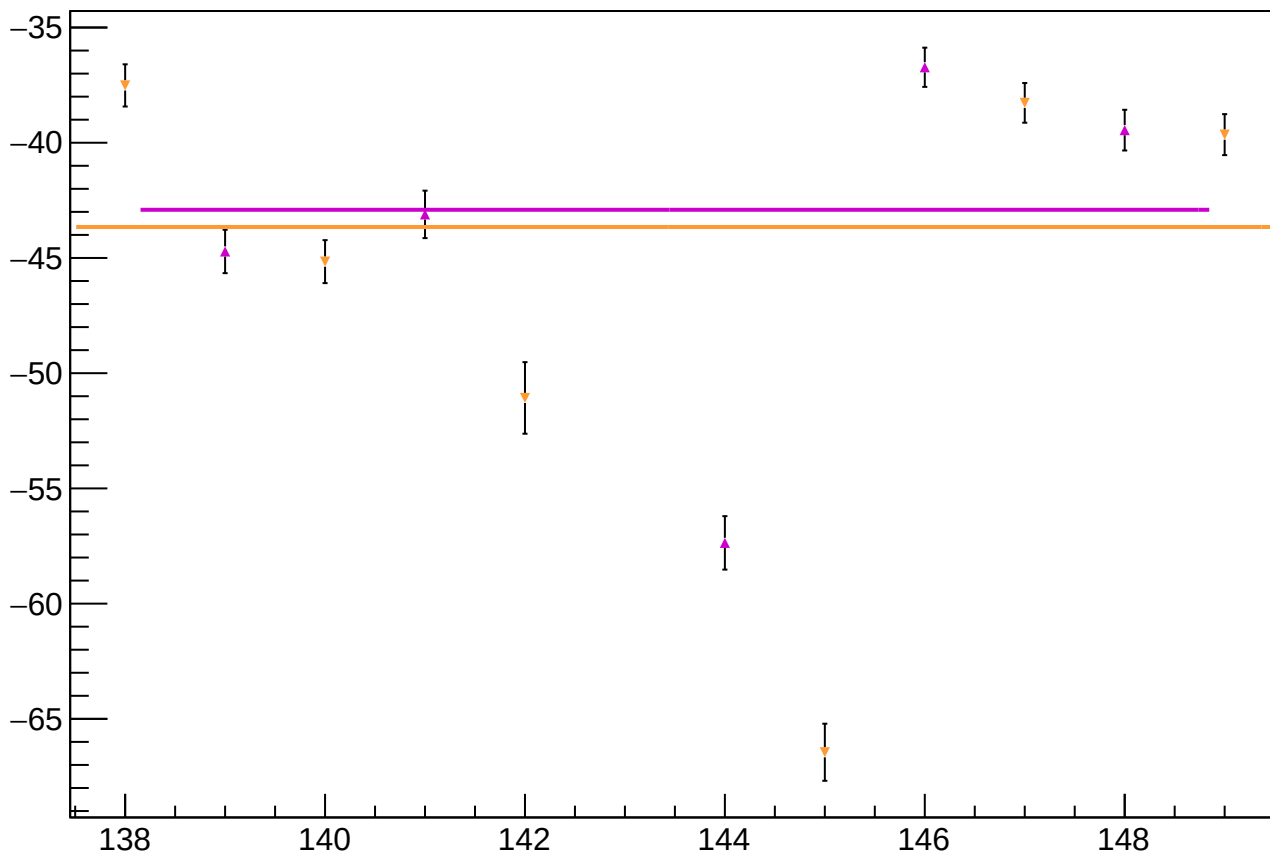
Right: -20.412 $\pm$ 0.011 χ^2 /NDF: 122364.1/33

In: -21.503 $\pm$ 0.012 χ^2 /NDF: 124023.0/20

Out: -22.250 $\pm$ 0.012 χ^2 /NDF: 201705.8/23

All: -21.878 $\pm$ 0.008 χ^2 /NDF: 327758.0/44

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: -43.656+/-0.407 χ^2/NDF :468.5/5

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

Left In: -42.909+/-0.427 χ^2/NDF :227.2/4

Left: -43.300+/-0.295 χ^2/NDF : 697.2/10

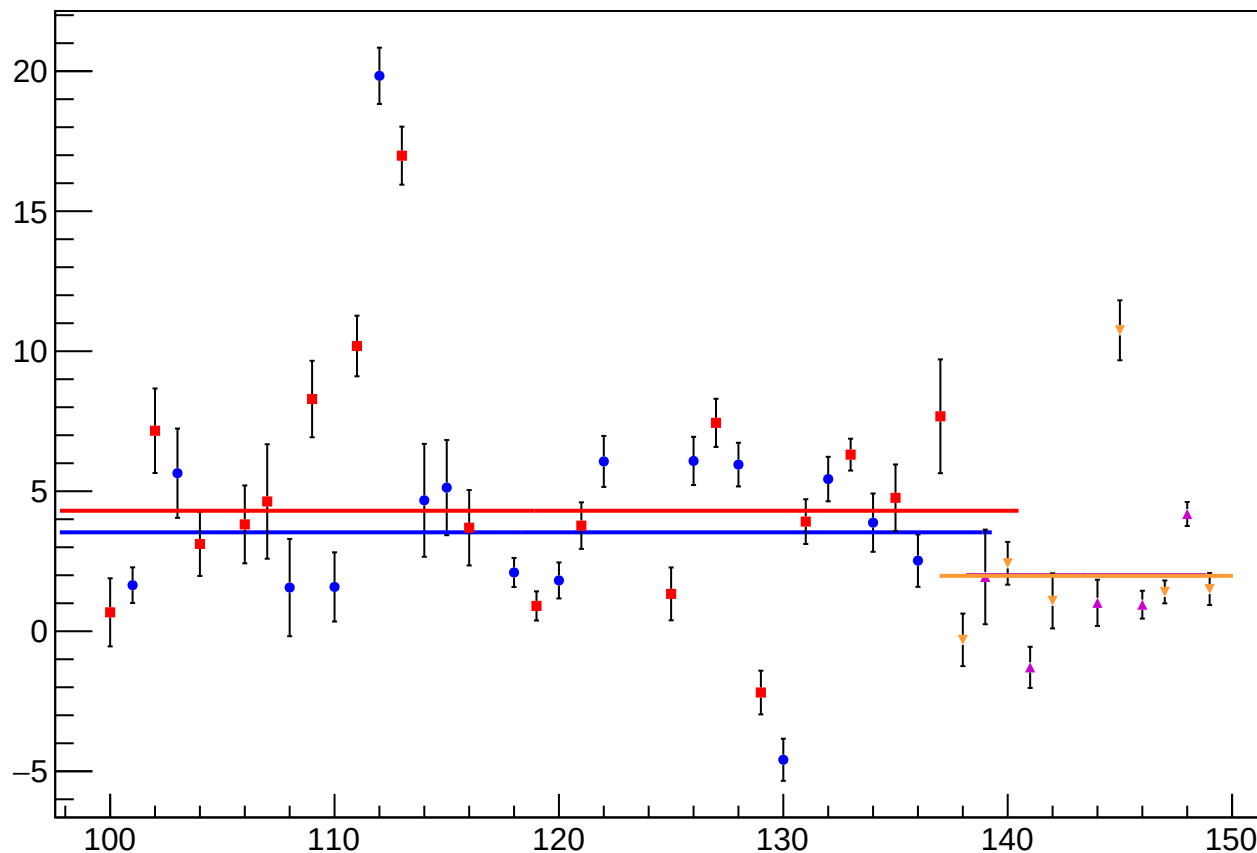
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.909+/-0.427 χ^2/NDF :227.2/4

Out: -43.656+/-0.407 χ^2/NDF :468.5/5

All: -43.300+/-0.295 χ^2/NDF : 697.2/10

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: 1.979 ± 0.269 $\chi^2/\text{NDF}: 76.8/5$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 2.006 ± 0.276 $\chi^2/\text{NDF}: 52.0/4$

Left: 1.992 ± 0.193 $\chi^2/\text{NDF}: 128.8/10$

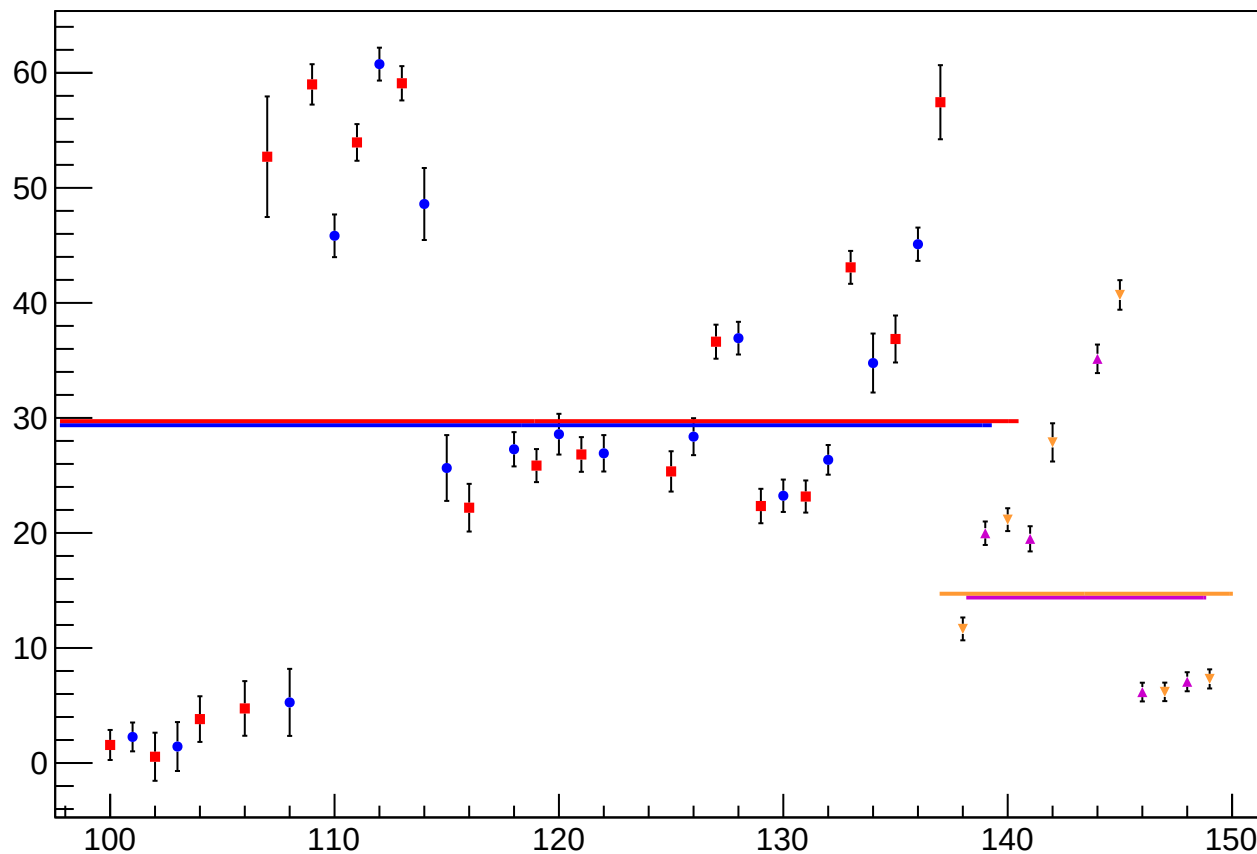
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 2.948 ± 0.171 $\chi^2/\text{NDF}: 514.1/20$

Out: 3.364 ± 0.171 $\chi^2/\text{NDF}: 474.1/23$

All: 3.155 ± 0.121 $\chi^2/\text{NDF}: 991.2/44$

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: 14.717 $\pm$ 0.409 χ^2 /NDF: 714.5/5

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 14.389 $\pm$ 0.430 χ^2 /NDF: 512.1/4

Left: 14.561 $\pm$ 0.296 χ^2 /NDF: 1226.9/10

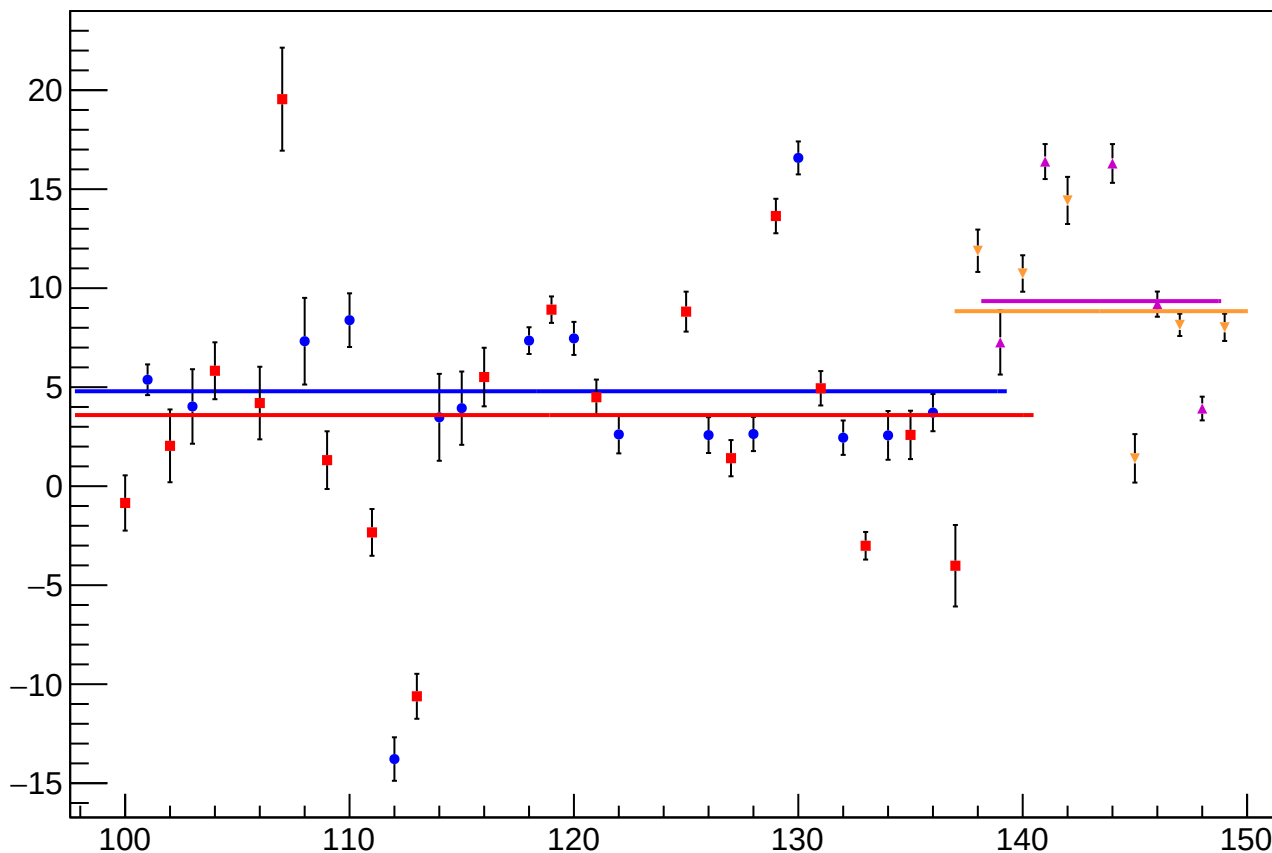
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 22.112 $\pm$ 0.299 χ^2 /NDF: 2627.3/20

Out: 22.332 $\pm$ 0.287 χ^2 /NDF: 3528.2/23

All: 22.227 $\pm$ 0.207 χ^2 /NDF: 6155.8/44

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 8.838 ± 0.339 $\chi^2/\text{NDF}: 74.3/5$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

Left In: 9.347 ± 0.354 $\chi^2/\text{NDF}: 197.7/4$

Left: 9.081 ± 0.245 $\chi^2/\text{NDF}: 273.0/10$

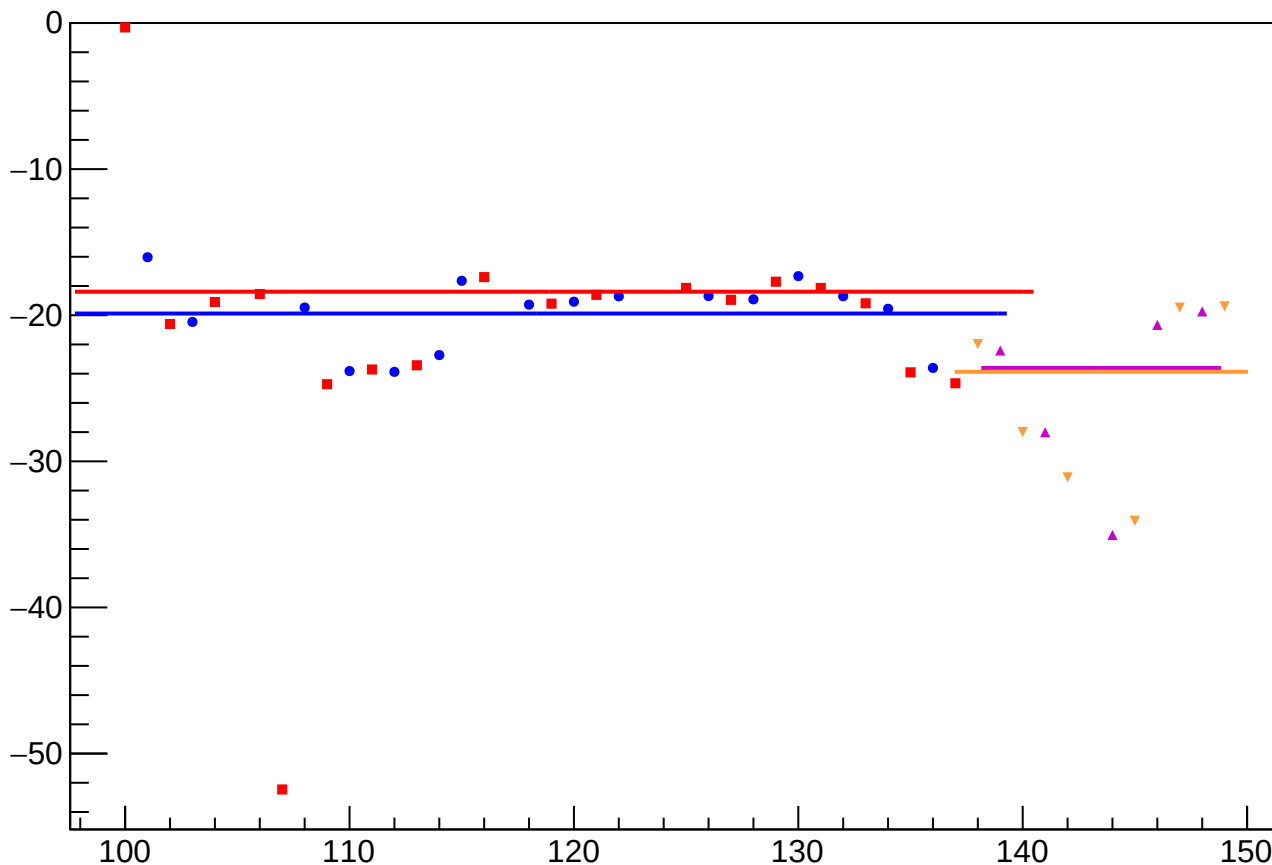
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1134.6/33$

In: 6.315 ± 0.205 $\chi^2/\text{NDF}: 857.5/20$

Out: 5.481 ± 0.204 $\chi^2/\text{NDF}: 800.7/23$

All: 5.895 ± 0.144 $\chi^2/\text{NDF}: 1666.6/44$

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: -23.871 ± 0.018 $\chi^2/\text{NDF}: 92070.5/5$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

Left In: -23.611 ± 0.018 $\chi^2/\text{NDF}: 73171.3/4$

Left: -23.744 ± 0.013 $\chi^2/\text{NDF}: 165350.0/10$

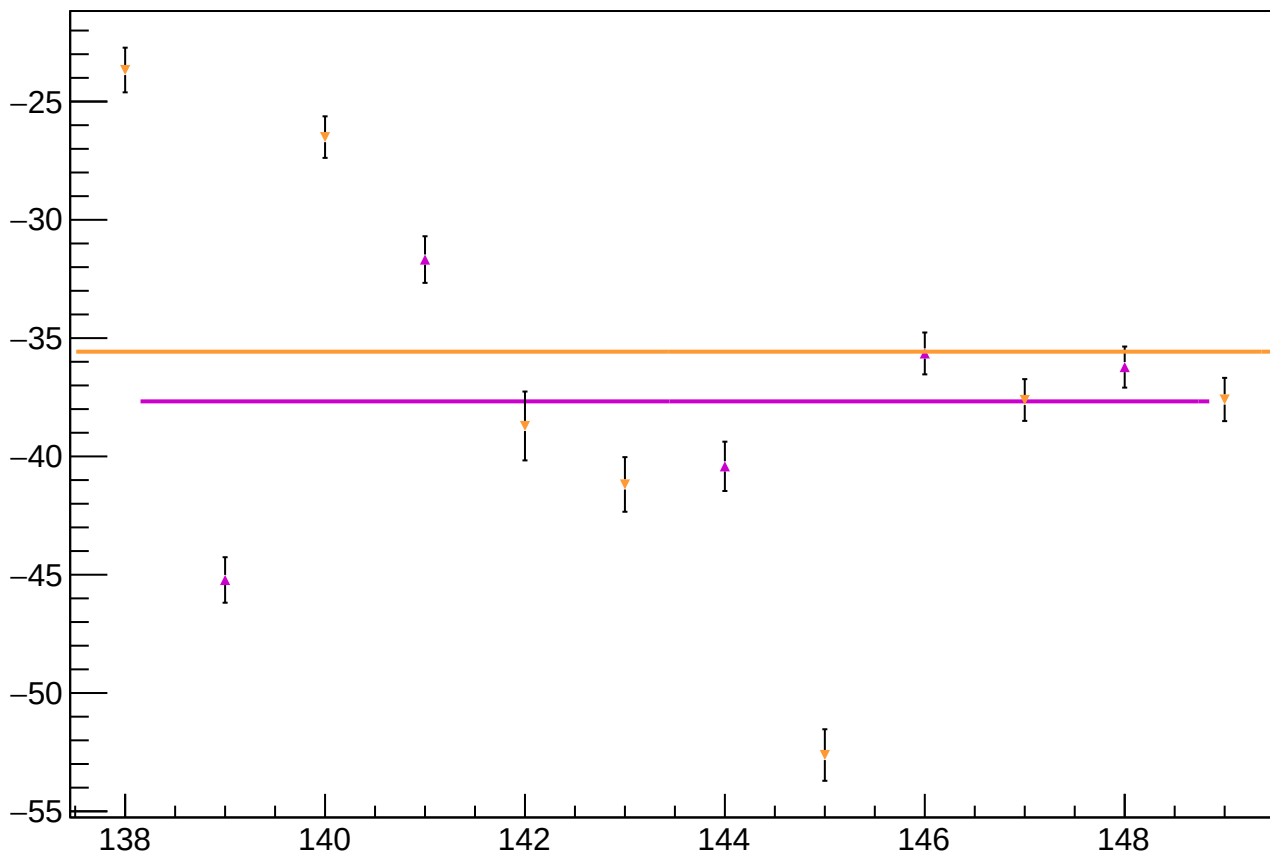
Right: -19.096 ± 0.011 $\chi^2/\text{NDF}: 332167.8/33$

In: -21.491 ± 0.012 $\chi^2/\text{NDF}: 123993.5/20$

Out: -20.663 ± 0.011 $\chi^2/\text{NDF}: 450692.1/23$

All: -21.061 ± 0.008 $\chi^2/\text{NDF}: 577271.9/44$

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: -35.573+/-0.379 χ^2/NDF :549.0/6

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

Left In: -37.674+/-0.421 χ^2/NDF :113.6/4

Left: -36.512+/-0.282 χ^2/NDF : 676.4/11

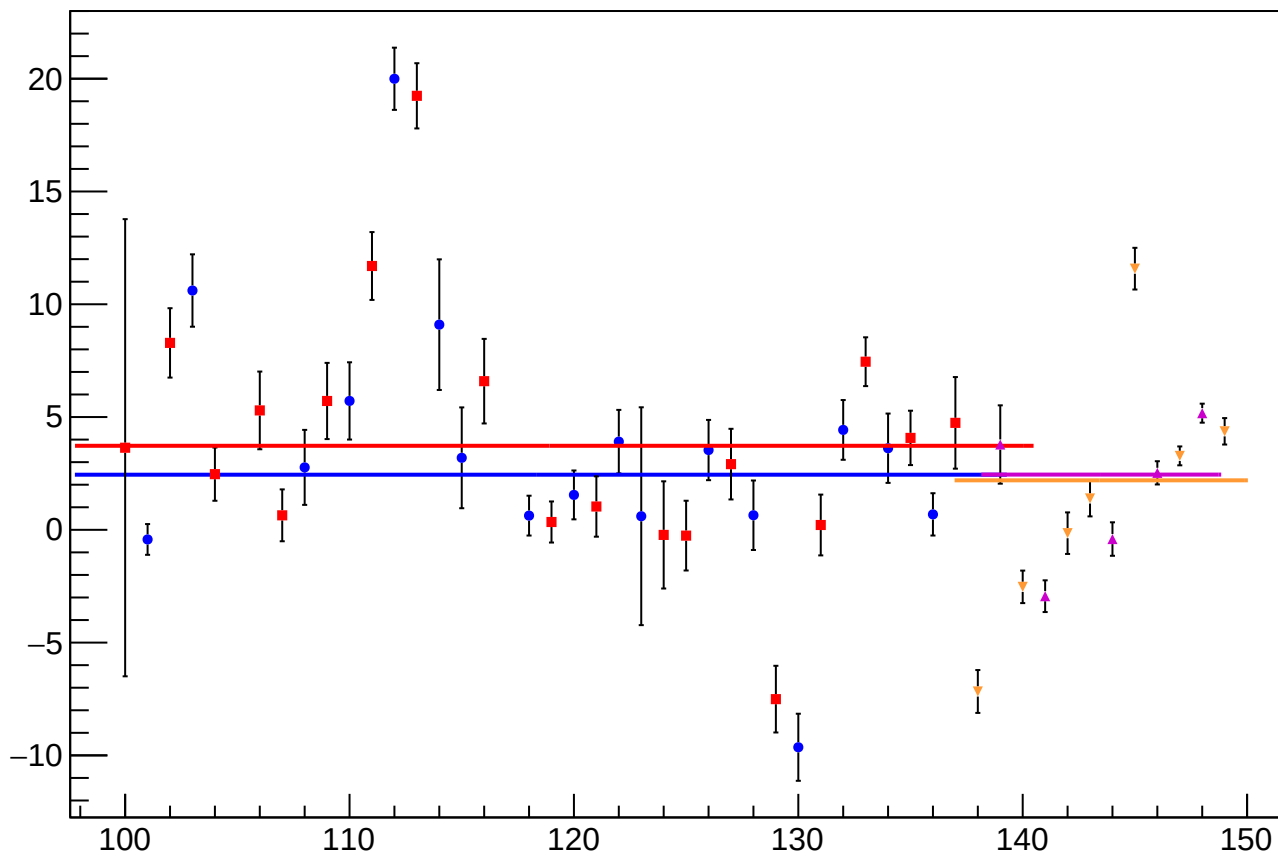
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.674+/-0.421 χ^2/NDF :113.6/4

Out: -35.573+/-0.379 χ^2/NDF :549.0/6

All: -36.512+/-0.282 χ^2/NDF : 676.4/11

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.311 χ^2 /NDF: 295.3/16

Left Out: 2.194 $\pm$ 0.253 χ^2 /NDF:271.0/6

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

Left In: 2.449 $\pm$ 0.271 χ^2 /NDF:116.0/4

Left: 2.313 $\pm$ 0.185 χ^2 /NDF: 387.4/11

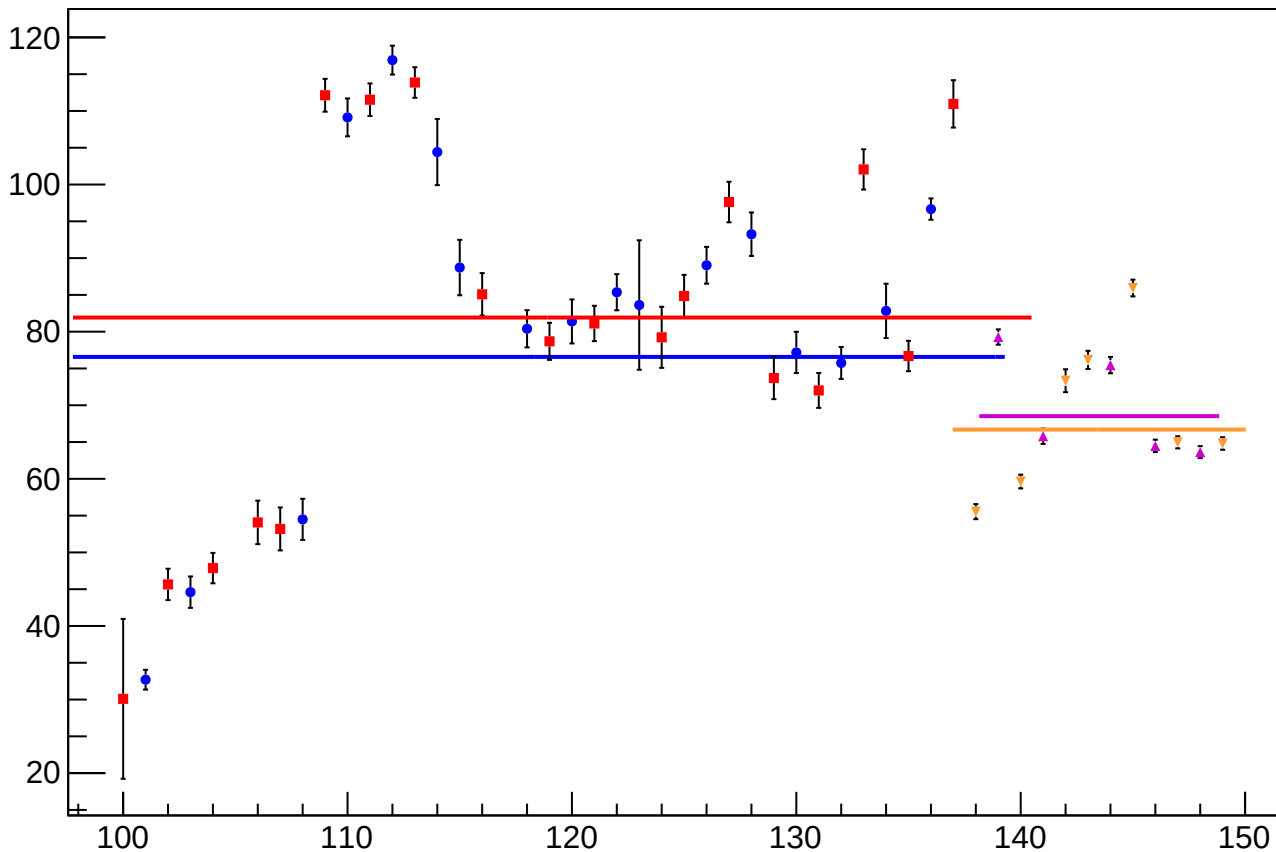
Right: 3.053 $\pm$ 0.225 χ^2 /NDF: 572.5/35

In: 2.447 $\pm$ 0.205 χ^2 /NDF:411.3/21

Out: 2.769 $\pm$ 0.200 χ^2 /NDF:553.8/25

All: 2.611 $\pm$ 0.143 χ^2 /NDF: 966.4/47

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: 66.694 $\pm$ 0.384 χ^2 /NDF:548.3/6

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

Left In: 68.518 $\pm$ 0.425 χ^2 /NDF:211.2/4

Left: 67.515 $\pm$ 0.285 χ^2 /NDF: 769.6/11

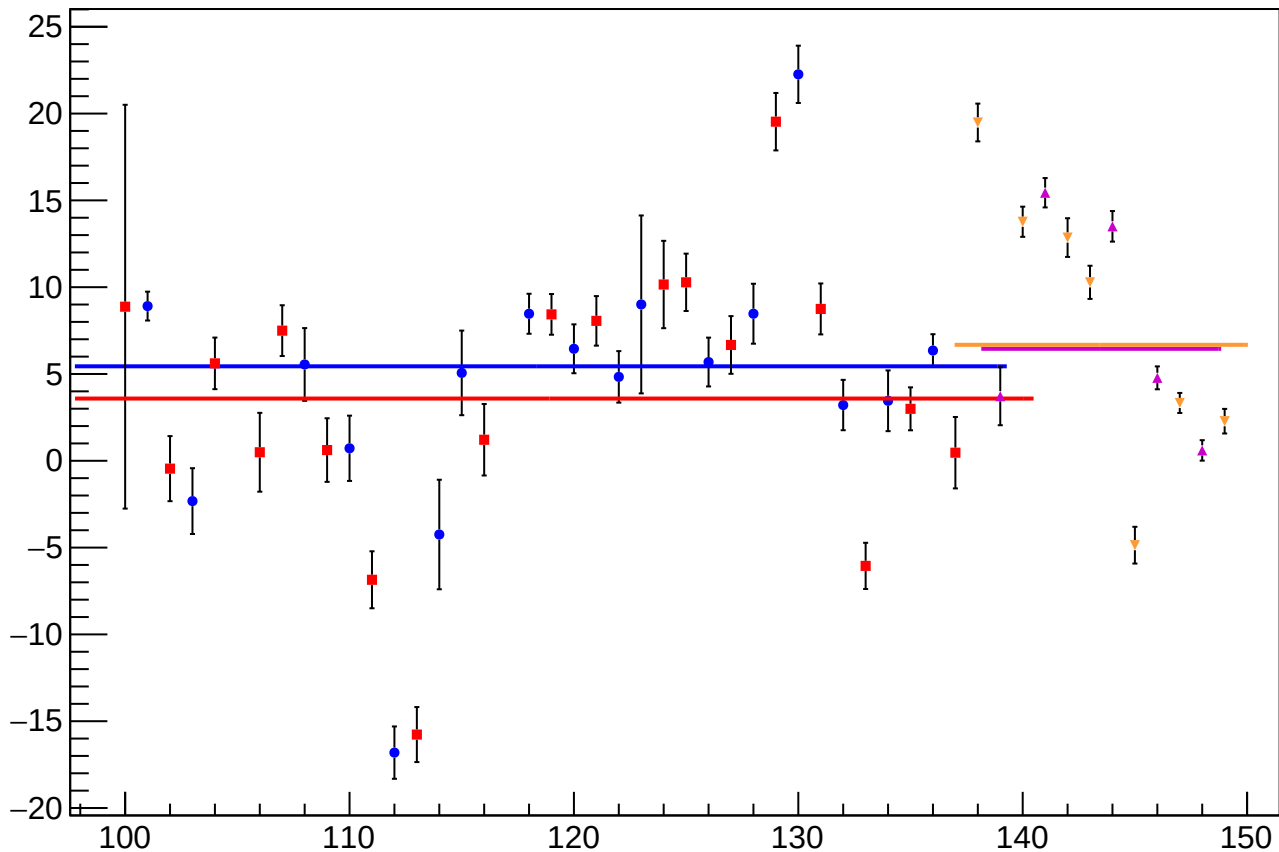
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 71.371 $\pm$ 0.341 χ^2 /NDF:2592.2/21

Out: 71.205 $\pm$ 0.322 χ^2 /NDF:2584.8/25

All: 71.284 $\pm$ 0.234 χ^2 /NDF: 5177.1/47

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 6.680 ± 0.317 χ^2/NDF : 441.1/6

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

Left In: 6.450 ± 0.349 χ^2/NDF : 284.9/4

Left: 6.576 ± 0.234 χ^2/NDF : 726.3/11

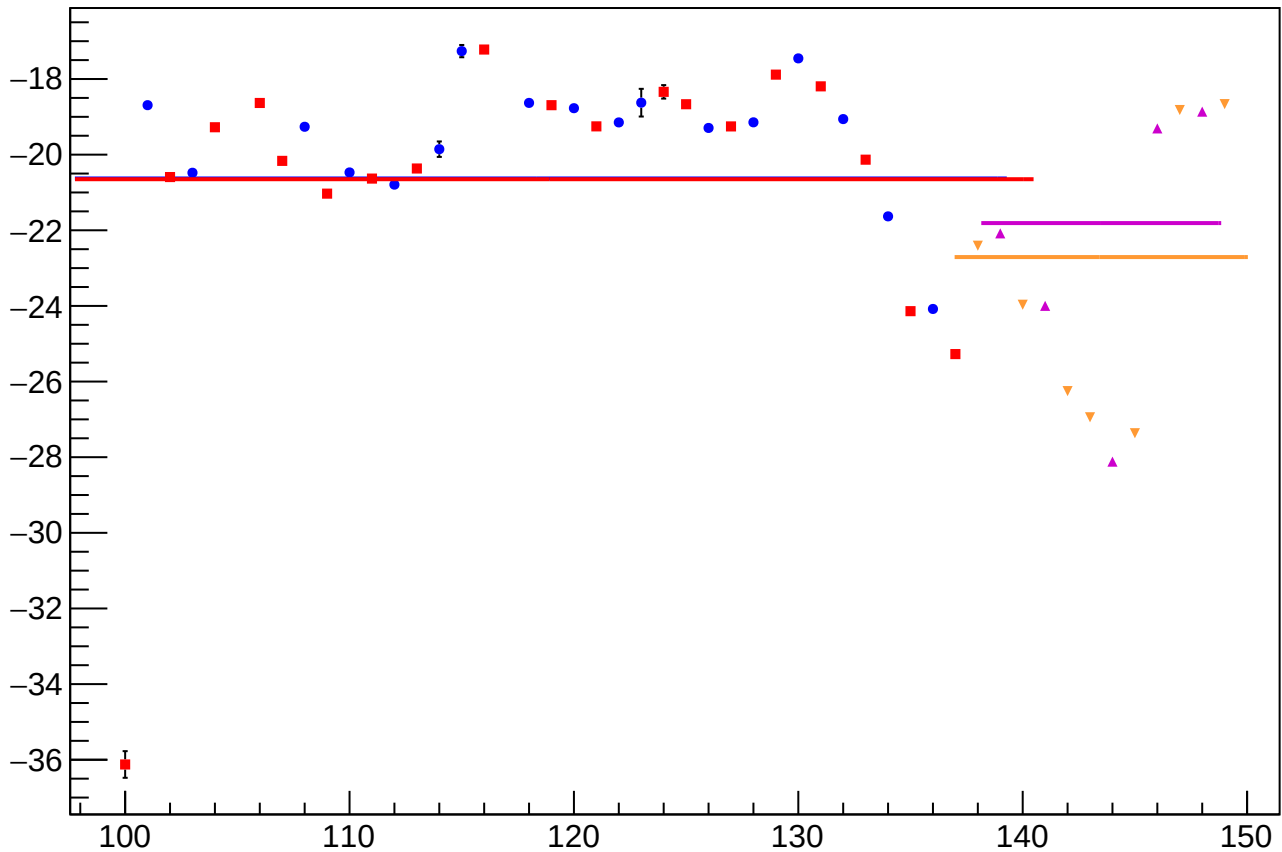
Right: 4.559 ± 0.259 χ^2/NDF : 823.5/35

In: 5.958 ± 0.250 χ^2/NDF : 676.5/21

Out: 5.392 ± 0.242 χ^2/NDF : 904.1/25

All: 5.666 ± 0.174 χ^2/NDF : 1583.2/47

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: -22.708+/-0.016 χ^2/NDF : 44199.4/6

Right Out: -20.650+/-0.019 χ^2/NDF : 13885.7/18

Left In: -21.810+/-0.018 χ^2/NDF : 30721.0/4

Left: -22.295+/-0.012 χ^2/NDF : 76316.4/11

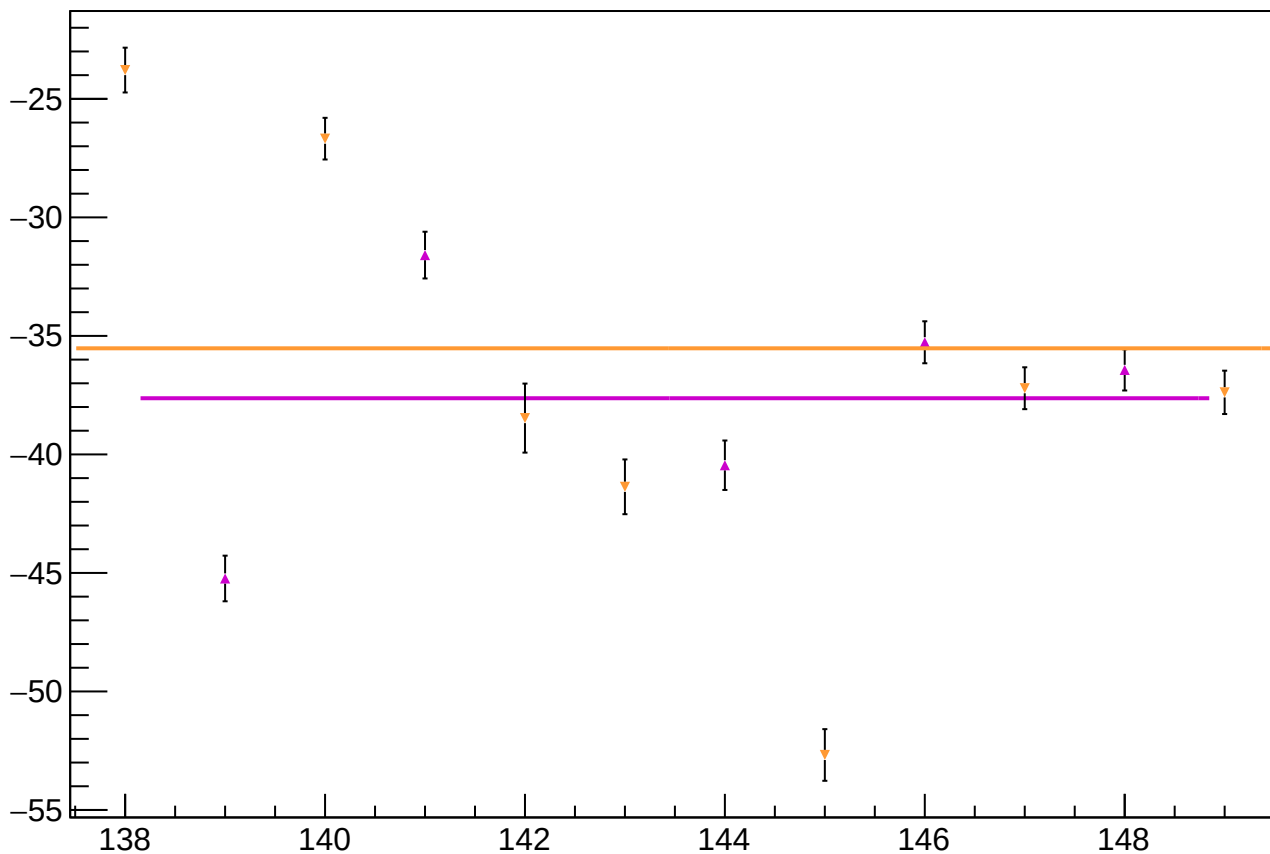
Right: -20.640+/-0.014 χ^2/NDF : 26376.6/35

In: -21.271+/-0.013 χ^2/NDF : 45243.5/21

Out: -21.857+/-0.012 χ^2/NDF : 64670.5/25

All: -21.576+/-0.009 χ^2/NDF : 110969.2/47

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: -35.524+/-0.379 χ^2/NDF :540.8/6

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

Left In: -37.630+/-0.422 χ^2/NDF :116.3/4

Left: -36.466+/-0.282 χ^2/NDF : 670.9/11

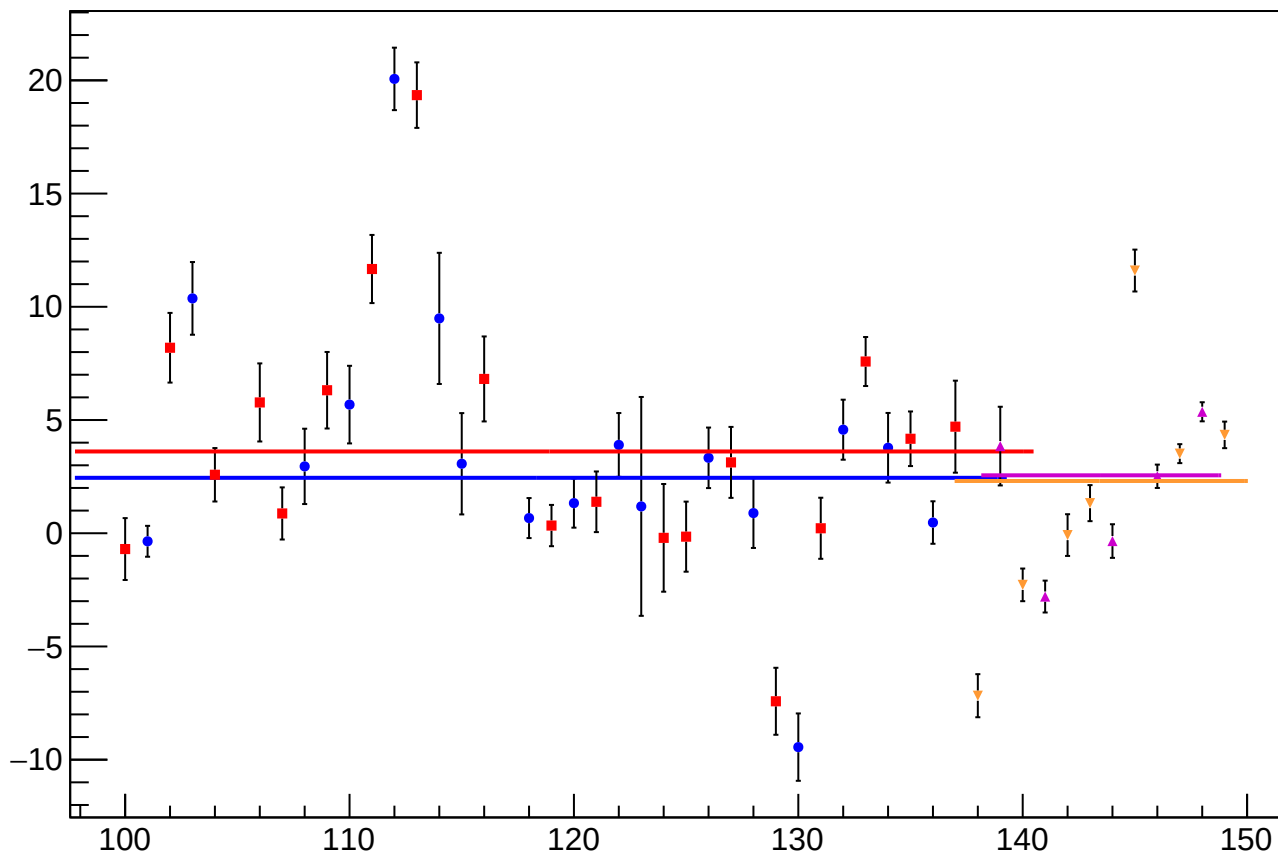
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.630+/-0.422 χ^2/NDF :116.3/4

Out: -35.524+/-0.379 χ^2/NDF :540.8/6

All: -36.466+/-0.282 χ^2/NDF : 670.9/11

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: 2.308 ± 0.253 χ^2/NDF : 269.4/6

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

Left In: 2.558 ± 0.272 χ^2/NDF : 118.0/4

Left: 2.424 ± 0.185 χ^2/NDF : 387.9/11

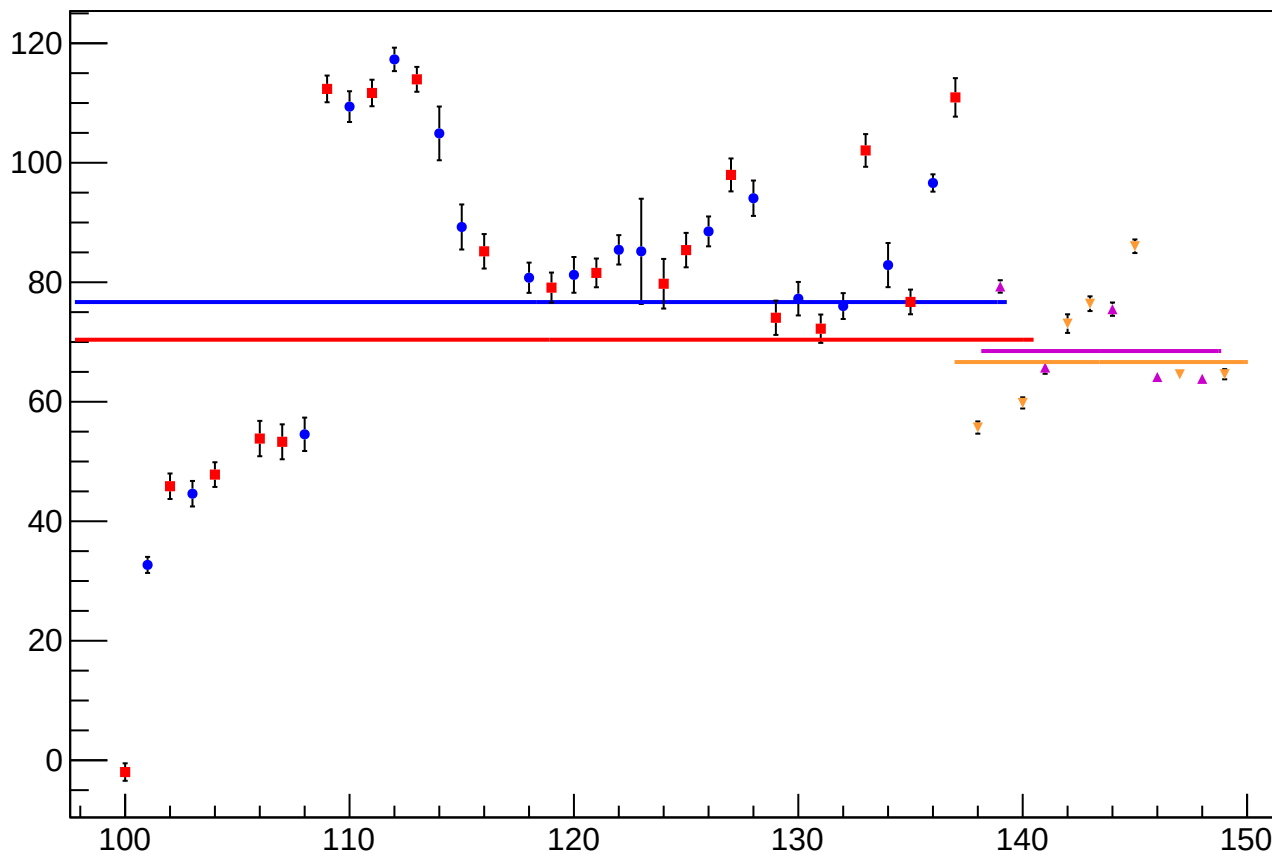
Right: 3.017 ± 0.223 χ^2/NDF : 579.6/35

In: 2.510 ± 0.205 χ^2/NDF : 411.5/21

Out: 2.814 ± 0.198 χ^2/NDF : 559.1/25

All: 2.667 ± 0.142 χ^2/NDF : 971.7/47

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: 66.647 $\pm$ 0.384 χ^2 /NDF: 549.5/6

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 68.490 $\pm$ 0.425 χ^2 /NDF: 213.0/4

Left: 67.476 $\pm$ 0.285 χ^2 /NDF: 772.8/11

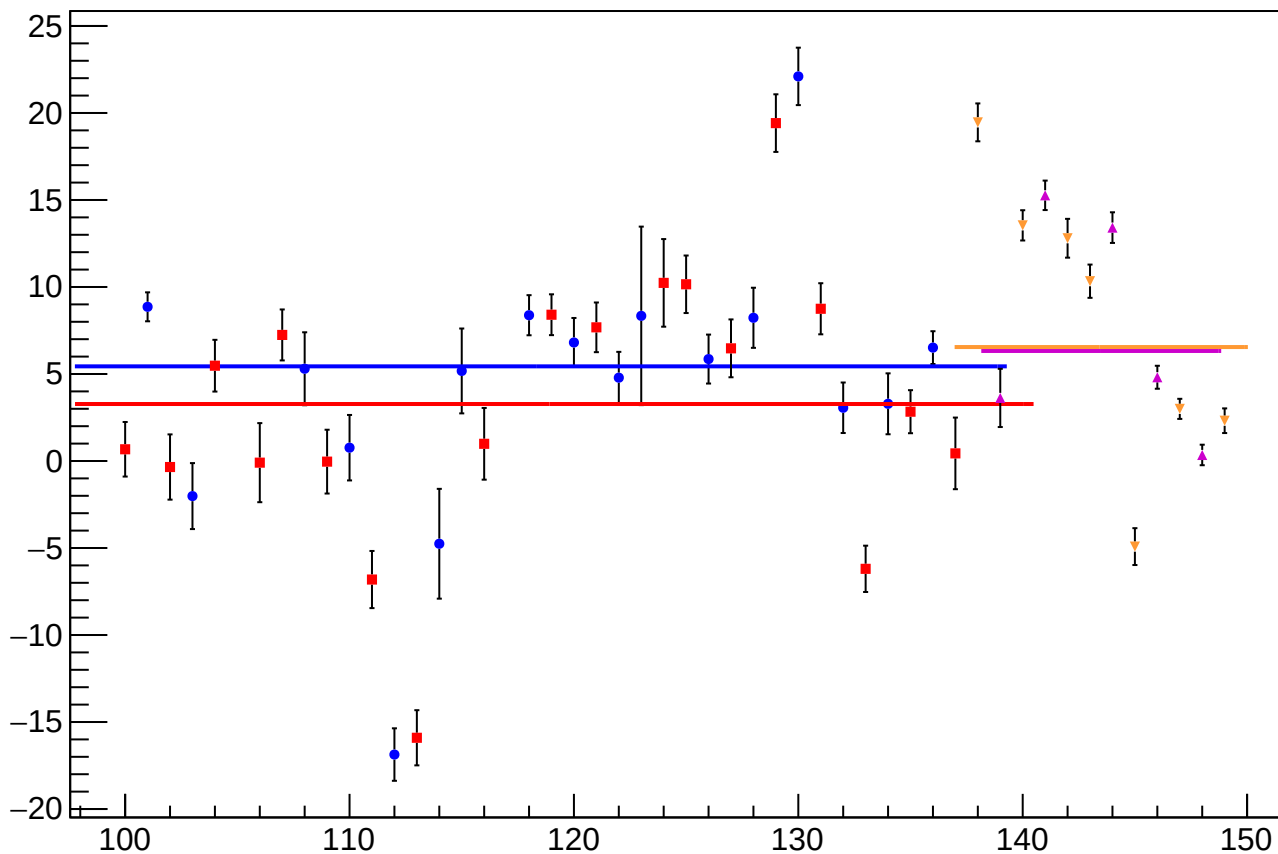
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 71.395 $\pm$ 0.341 χ^2 /NDF: 2609.9/21

Out: 67.874 $\pm$ 0.315 χ^2 /NDF: 4971.7/25

All: 69.492 $\pm$ 0.232 χ^2 /NDF: 7639.1/47

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: 6.548 $\pm$ 0.317 χ^2 /NDF:443.2/6

Right Out: 3.275 $\pm$ 0.365 χ^2 /NDF: 425.8/18

Left In: 6.324 $\pm$ 0.349 χ^2 /NDF:287.0/4

Left: 6.447 $\pm$ 0.235 χ^2 /NDF: 730.5/11

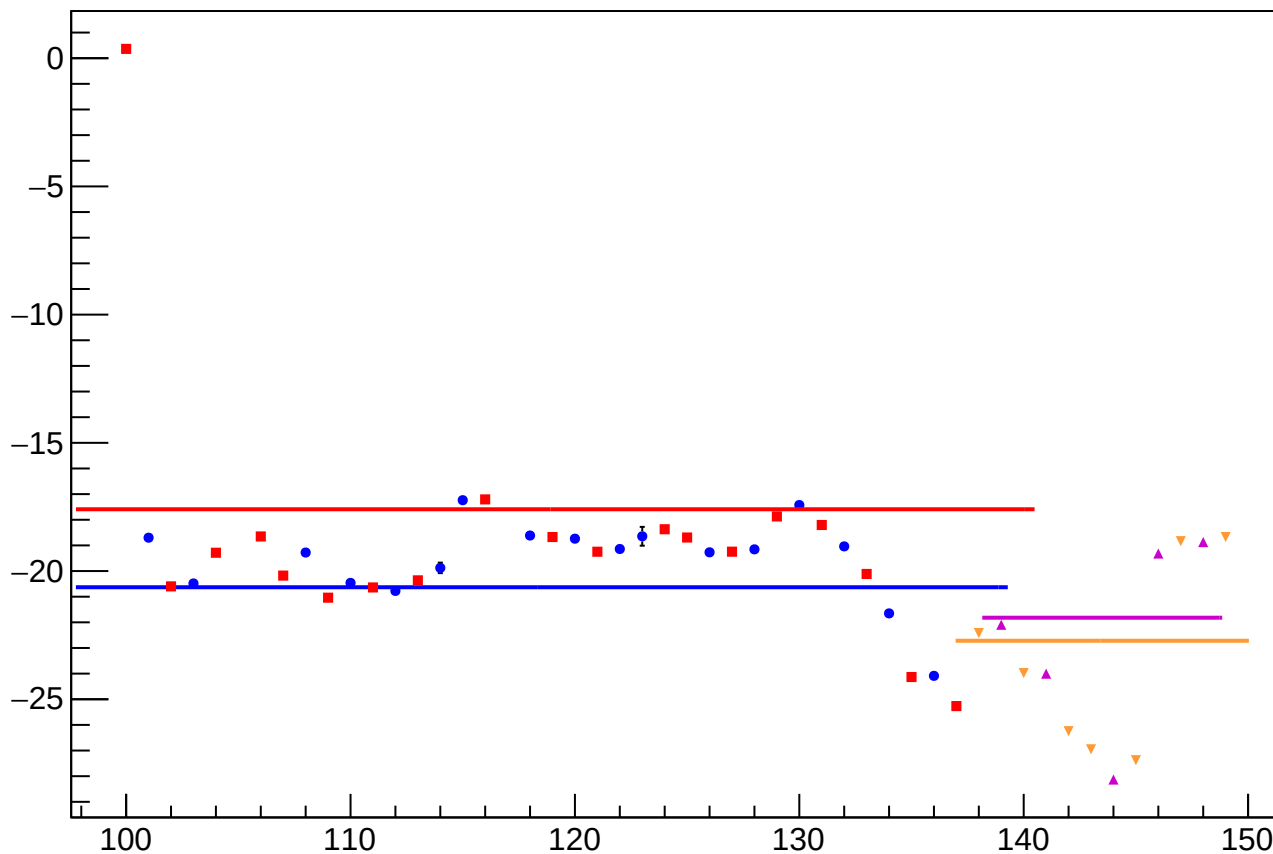
Right: 4.381 $\pm$ 0.256 χ^2 /NDF: 829.6/35

In: 5.892 $\pm$ 0.250 χ^2 /NDF:676.1/21

Out: 5.142 $\pm$ 0.239 χ^2 /NDF:914.8/25

All: 5.501 $\pm$ 0.173 χ^2 /NDF: 1595.6/47

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -22.718 ± 0.016 $\chi^2/\text{NDF}: 44089.3/6$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

Left In: -21.819 ± 0.018 $\chi^2/\text{NDF}: 30695.3/4$

Left: -22.305 ± 0.012 $\chi^2/\text{NDF}: 76178.4/11$

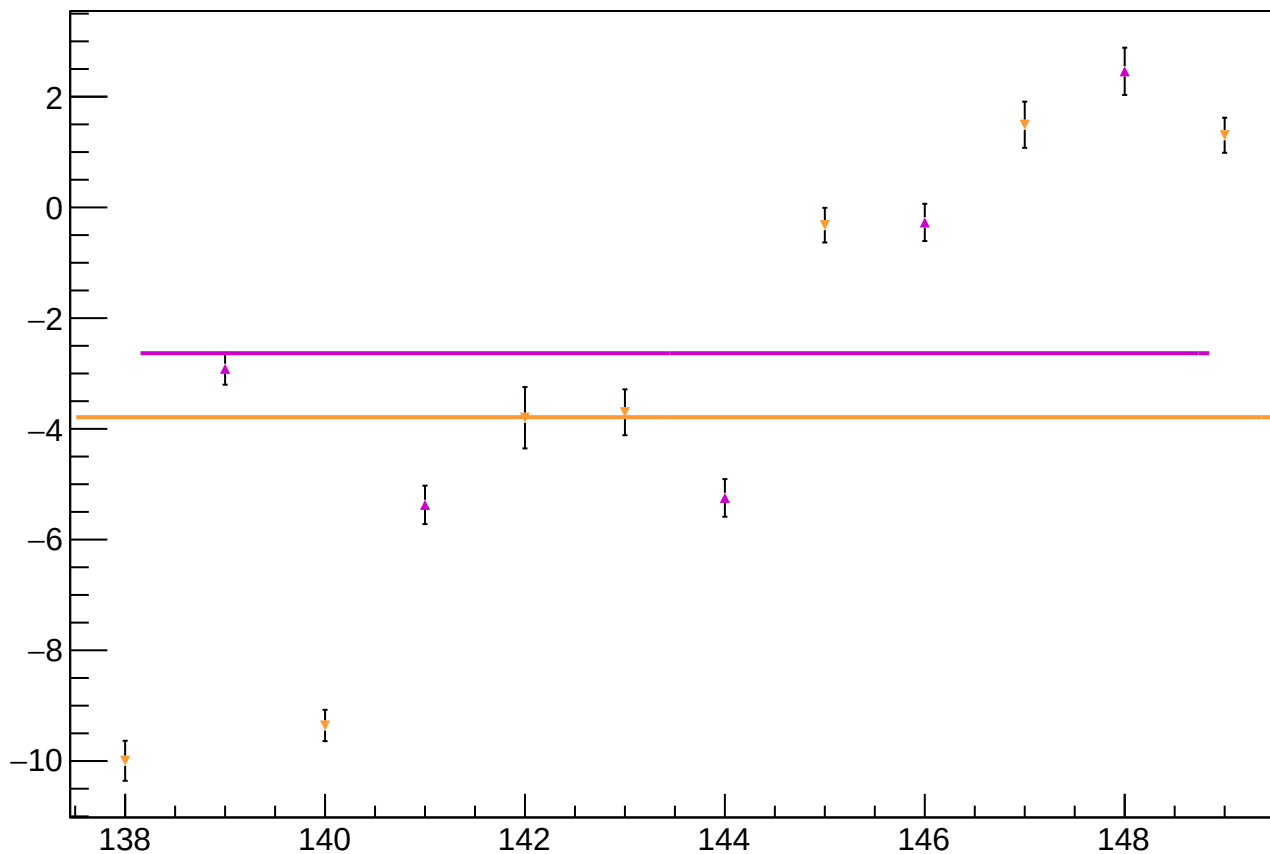
Right: -19.007 ± 0.013 $\chi^2/\text{NDF}: 204486.4/35$

In: -21.277 ± 0.013 $\chi^2/\text{NDF}: 45286.0/21$

Out: -20.407 ± 0.012 $\chi^2/\text{NDF}: 267263.3/25$

All: -20.809 ± 0.009 $\chi^2/\text{NDF}: 314941.8/47$

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: -3.789+/-0.135 χ^2/NDF :1223.5/6

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

Left In: -2.633+/-0.152 χ^2/NDF :313.8/4

Left: -3.280+/-0.101 χ^2/NDF : 1569.8/11

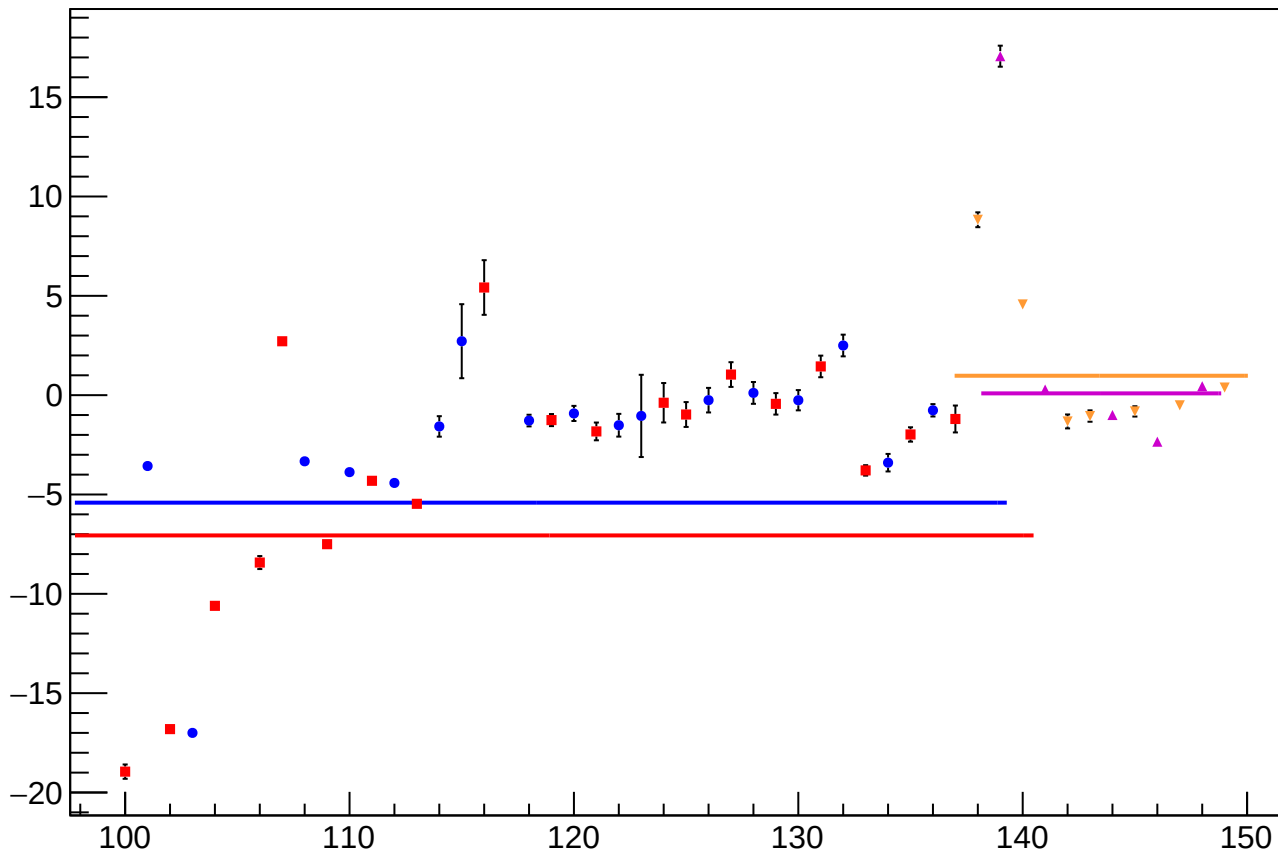
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.633+/-0.152 χ^2/NDF :313.8/4

Out: -3.789+/-0.135 χ^2/NDF :1223.5/6

All: -3.280+/-0.101 χ^2/NDF : 1569.8/11

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 $\pm$ 0.055 χ^2/NDF : 9261.2/16

Left Out: 0.978 $\pm$ 0.096 χ^2/NDF :877.0/6

Right Out: -7.060 $\pm$ 0.059 χ^2/NDF : 12329.4/18

Left In: 0.090 $\pm$ 0.111 χ^2/NDF :1182.4/4

Left: 0.599 $\pm$ 0.073 χ^2/NDF : 2096.0/11

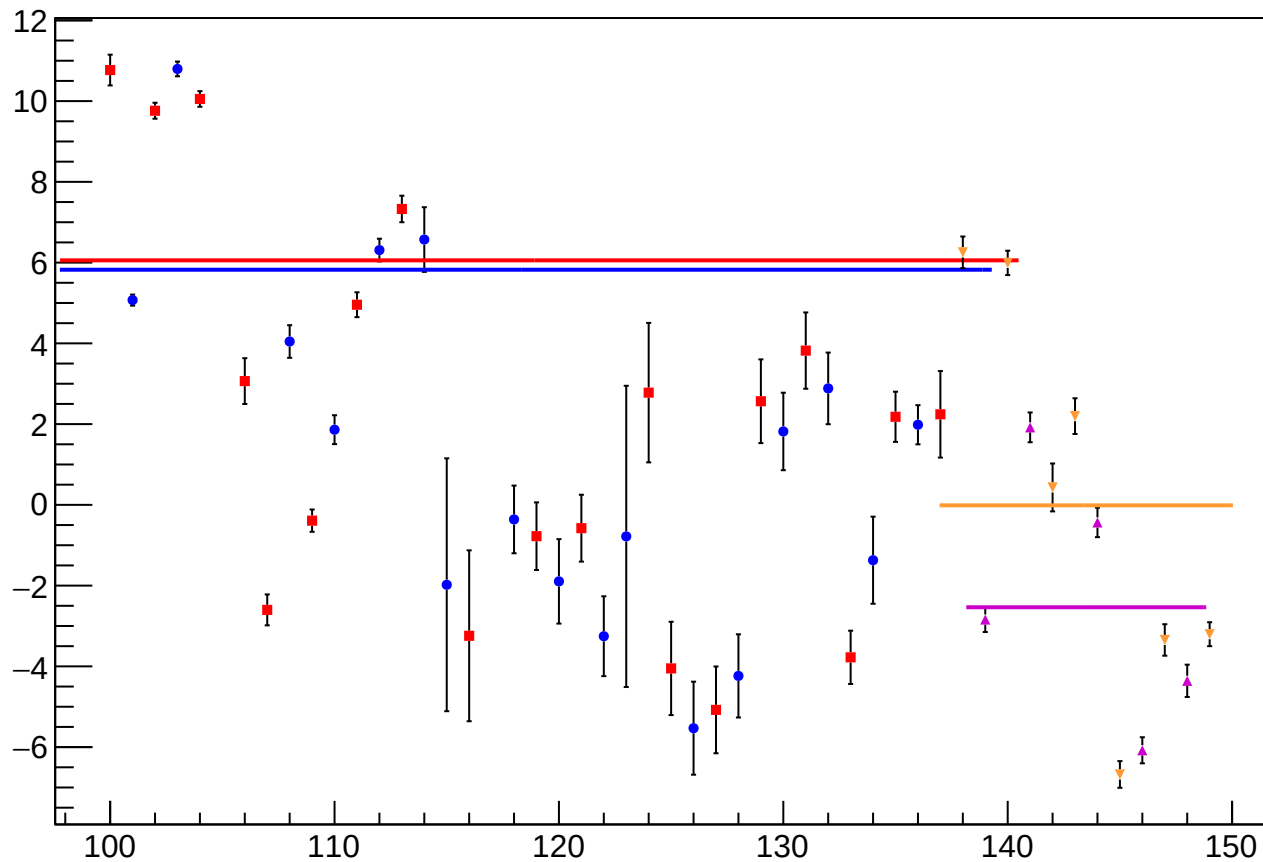
Right: -6.173 $\pm$ 0.040 χ^2/NDF : 22010.3/35

In: -4.338 $\pm$ 0.049 χ^2/NDF :12414.2/21

Out: -4.848 $\pm$ 0.050 χ^2/NDF :18307.2/25

All: -4.587 $\pm$ 0.035 χ^2/NDF : 30774.2/47

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: -0.012 ± 0.138 χ^2/NDF : 1273.1/6

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

Left In: -2.536 ± 0.156 χ^2/NDF : 321.1/4

Left: -1.120 ± 0.103 χ^2/NDF : 1741.2/11

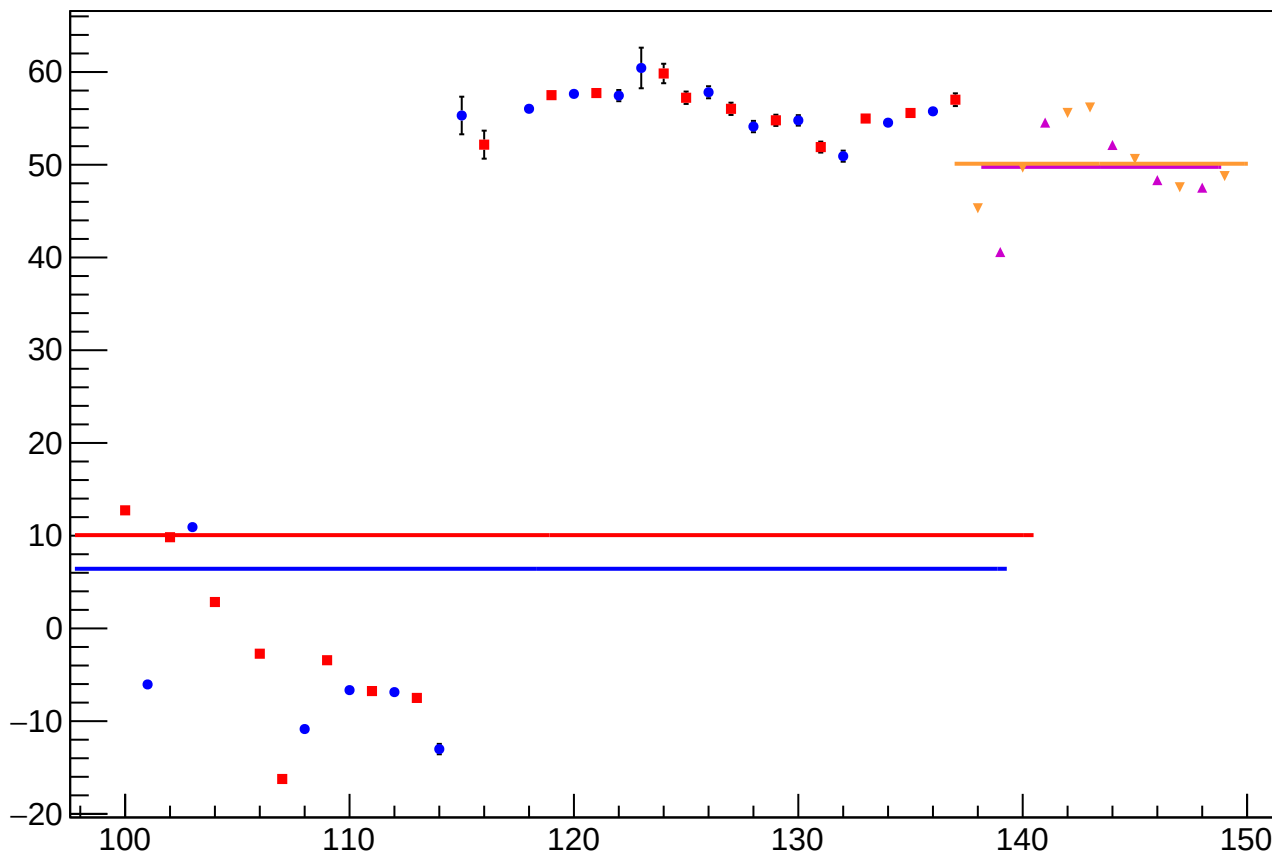
Right: 5.935 ± 0.065 χ^2/NDF : 4124.7/35

In: 3.750 ± 0.078 χ^2/NDF : 3934.1/21

Out: 4.150 ± 0.077 χ^2/NDF : 5270.0/25

All: 3.951 ± 0.055 χ^2/NDF : 9217.5/47

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: 50.110 $\pm$ 0.117 χ^2 /NDF: 725.6/6

Right Out: 10.060 $\pm$ 0.070 χ^2 /NDF: 121816.0/18

Left In: 49.773 $\pm$ 0.137 χ^2 /NDF: 734.8/4

Left: 49.968 $\pm$ 0.089 χ^2 /NDF: 1463.9/11

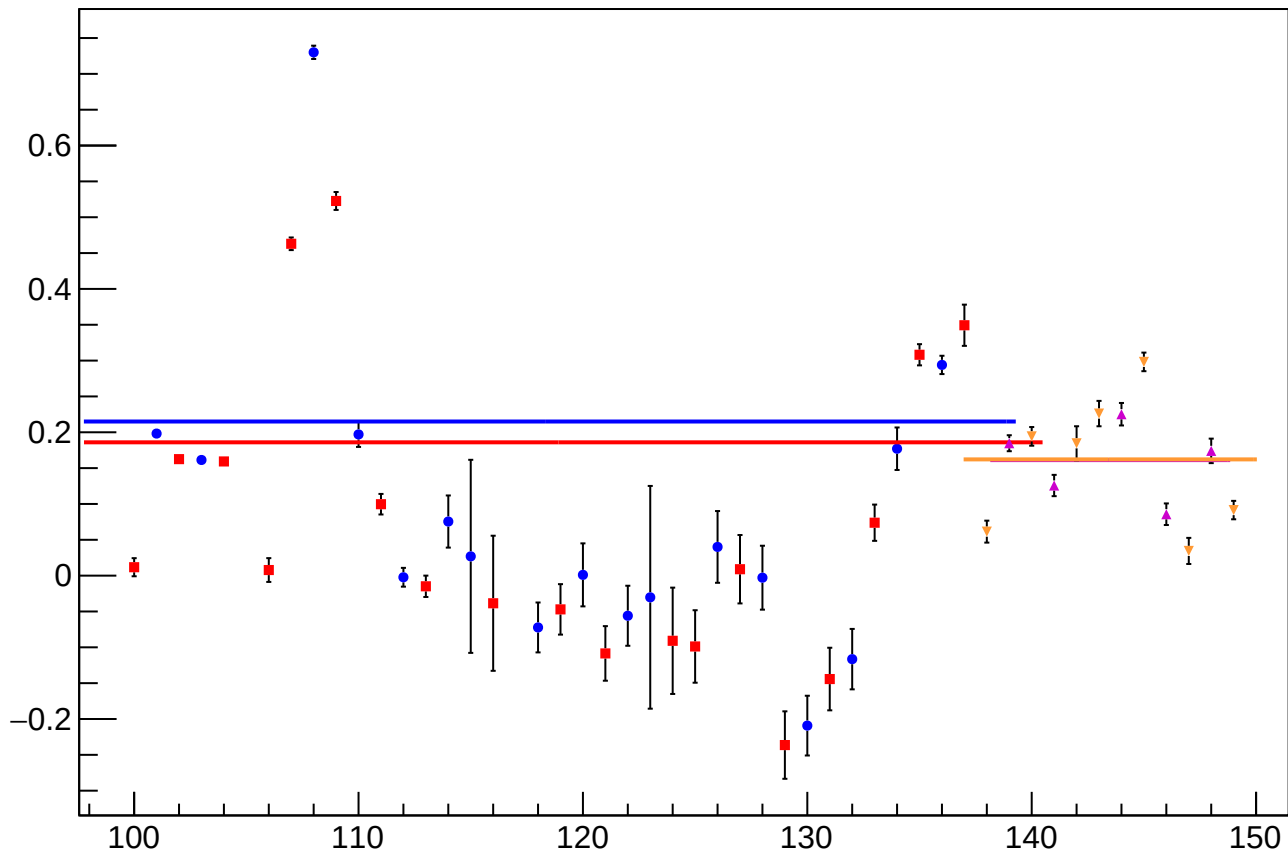
Right: 8.110 $\pm$ 0.047 χ^2 /NDF: 246756.9/35

In: 14.312 $\pm$ 0.059 χ^2 /NDF: 205805.4/21

Out: 20.558 $\pm$ 0.060 χ^2 /NDF: 208980.7/25

All: 17.362 $\pm$ 0.042 χ^2 /NDF: 420348.5/47

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.162 $\pm$ 0.006 χ^2 /NDF:252.9/6

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

Left In: 0.161 $\pm$ 0.006 χ^2 /NDF:52.5/4

Left: 0.162 $\pm$ 0.004 χ^2 /NDF: 305.4/11

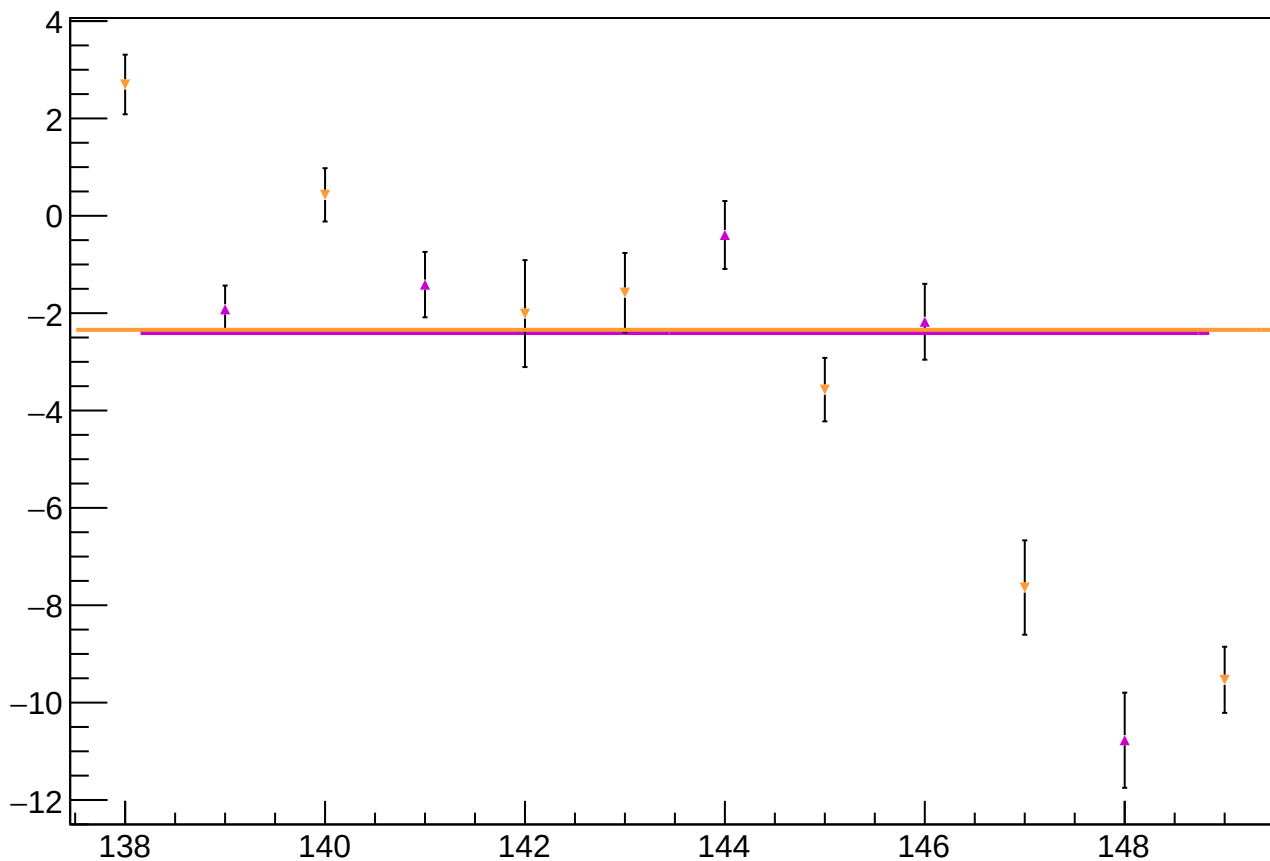
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6707.1/35

In: 0.207 $\pm$ 0.003 χ^2 /NDF:4042.4/21

Out: 0.182 $\pm$ 0.002 χ^2 /NDF:2987.2/25

All: 0.194 $\pm$ 0.002 χ^2 /NDF: 7079.2/47

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: -2.342+/-0.268 χ^2/NDF :239.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.407+/-0.299 χ^2/NDF :84.9/4

Left: -2.371+/-0.200 χ^2/NDF : 324.8/11

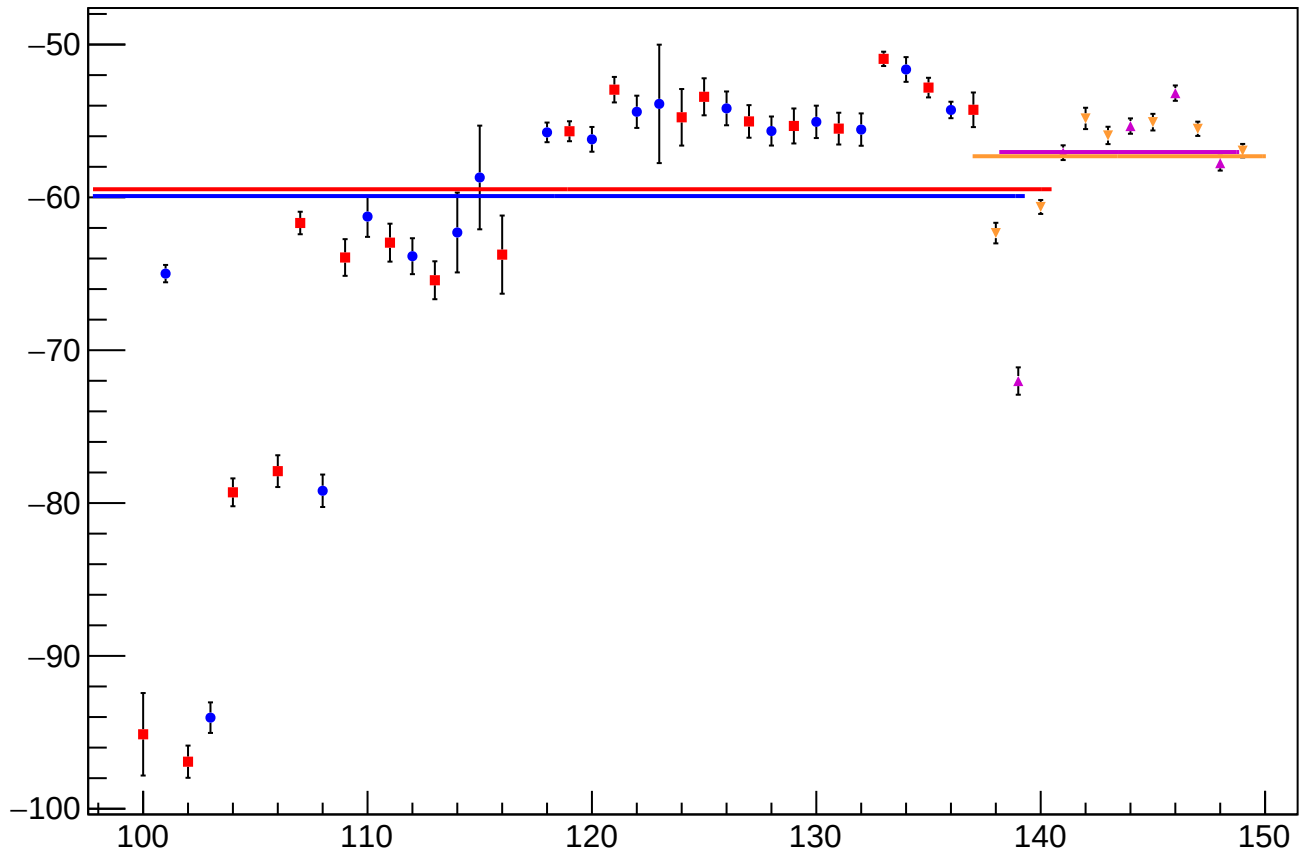
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.407+/-0.299 χ^2/NDF :84.9/4

Out: -2.342+/-0.268 χ^2/NDF :239.9/6

All: -2.371+/-0.200 χ^2/NDF : 324.8/11

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: -57.309 ± 0.199 χ^2/NDF : 159.0/6

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -57.033 ± 0.238 χ^2/NDF : 352.7/4

Left: -57.195 ± 0.153 χ^2/NDF : 512.5/11

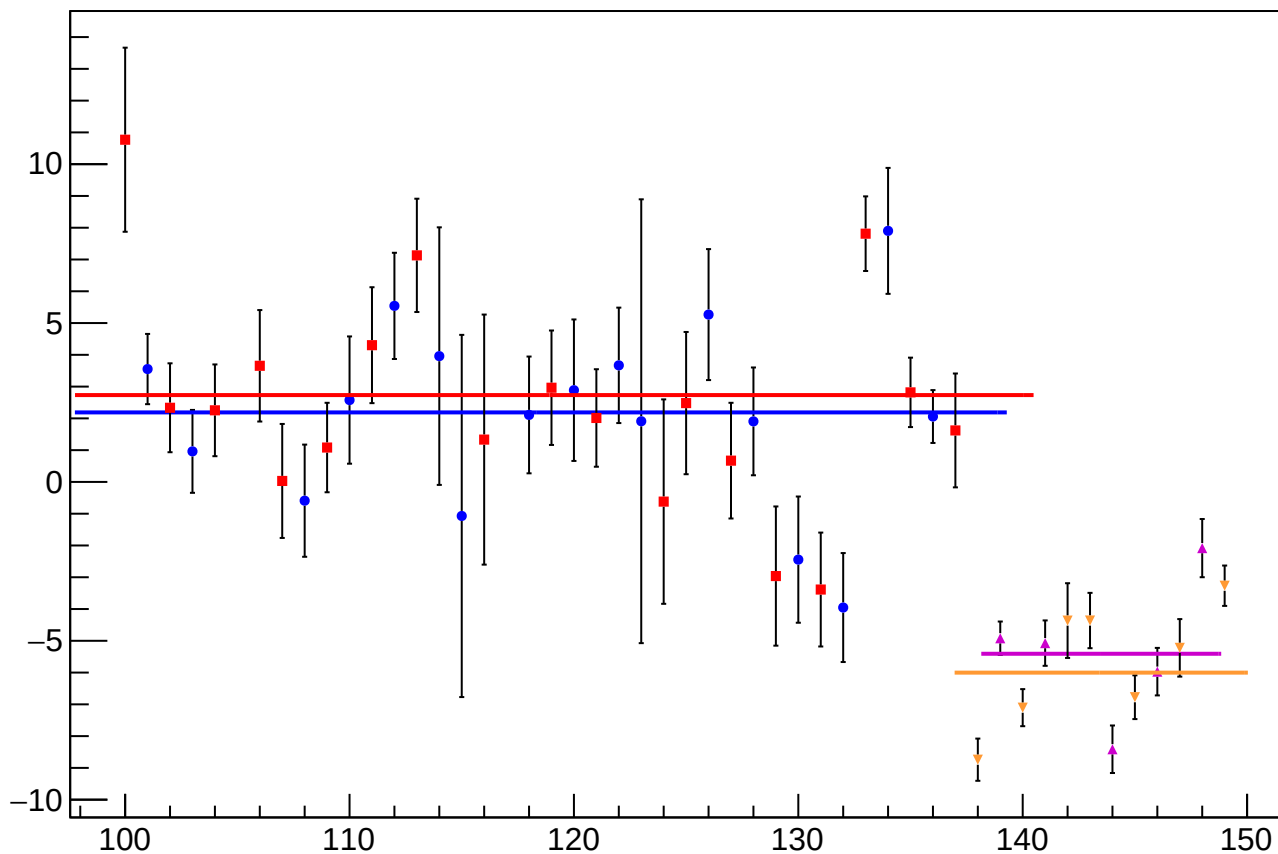
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -58.566 ± 0.163 χ^2/NDF : 2410.2/21

Out: -58.319 ± 0.145 χ^2/NDF : 3126.8/25

All: -58.429 ± 0.108 χ^2/NDF : 5538.3/47

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: -6.002 ± 0.277 $\chi^2/\text{NDF}: 46.6/6$

Right Out: 2.733 ± 0.388 $\chi^2/\text{NDF}: 58.9/18$

Left In: -5.408 ± 0.311 $\chi^2/\text{NDF}: 31.0/4$

Left: -5.739 ± 0.207 $\chi^2/\text{NDF}: 79.6/11$

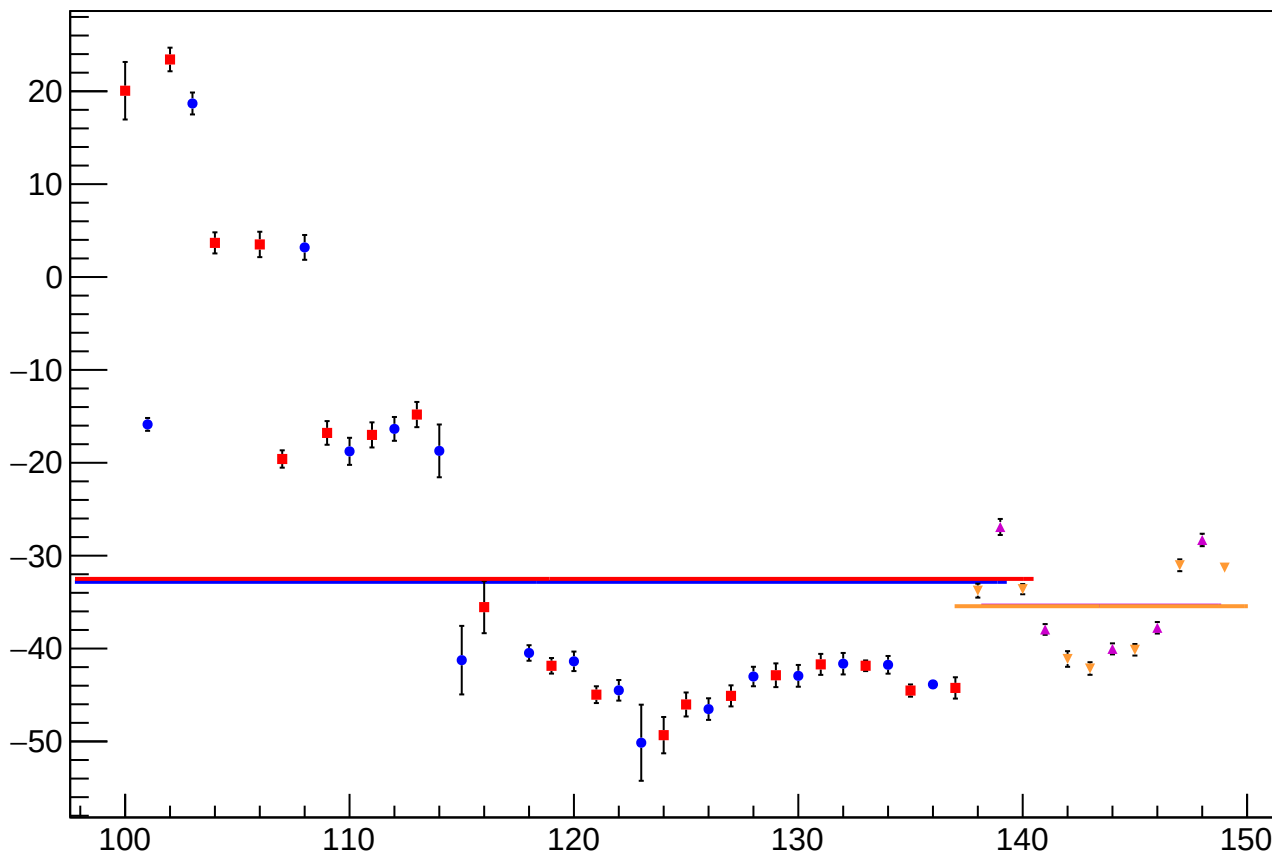
Right: 2.472 ± 0.280 $\chi^2/\text{NDF}: 98.9/35$

In: -2.582 ± 0.246 $\chi^2/\text{NDF}: 291.9/21$

Out: -3.052 ± 0.225 $\chi^2/\text{NDF}: 441.9/25$

All: -2.838 ± 0.166 $\chi^2/\text{NDF}: 735.8/47$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -35.442 ± 0.241 $\chi^2/\text{NDF}: 325.6/6$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

Left In: -35.378 ± 0.289 $\chi^2/\text{NDF}: 303.7/4$

Left: -35.416 ± 0.185 $\chi^2/\text{NDF}: 629.4/11$

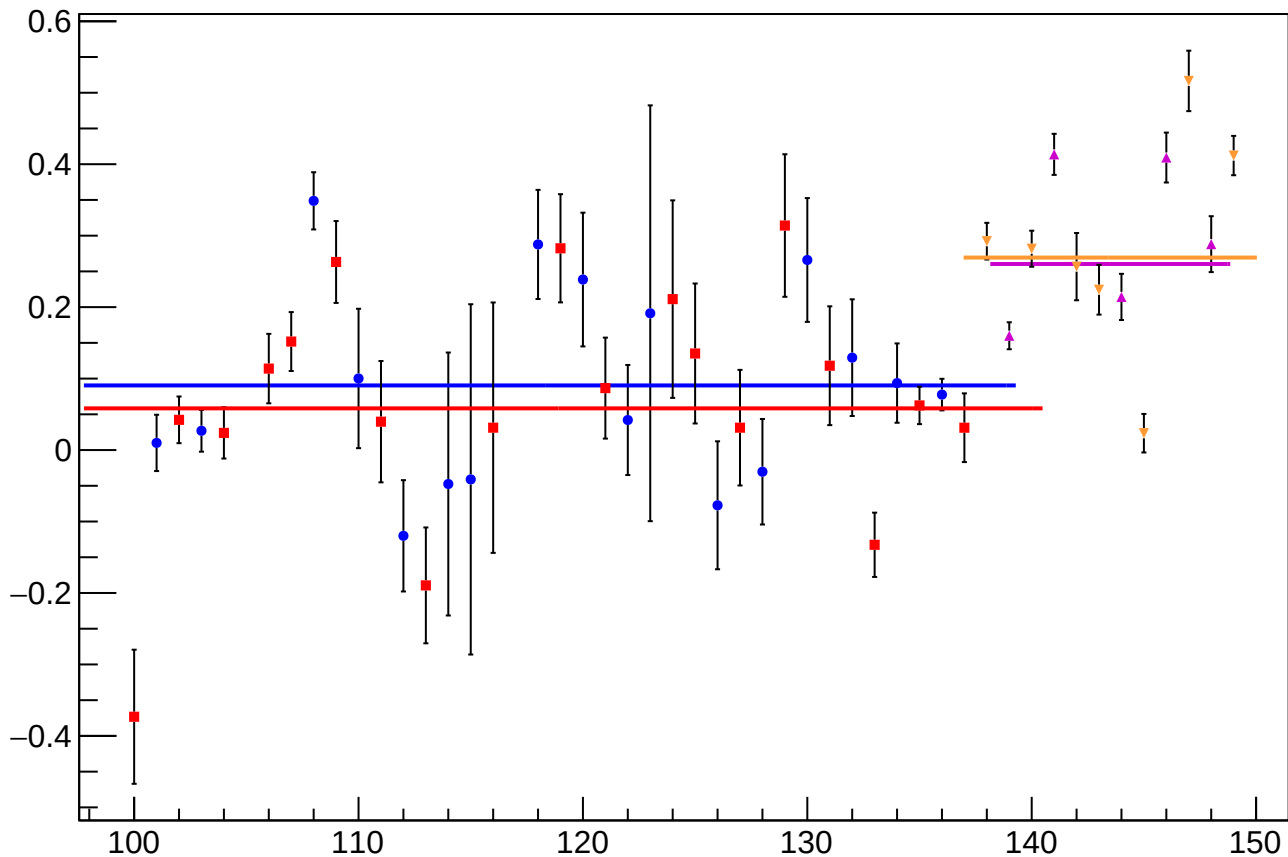
Right: -32.652 ± 0.176 $\chi^2/\text{NDF}: 10705.2/35$

In: -33.935 ± 0.191 $\chi^2/\text{NDF}: 5014.7/21$

Out: -33.992 ± 0.171 $\chi^2/\text{NDF}: 6437.2/25$

All: -33.967 ± 0.127 $\chi^2/\text{NDF}: 11451.9/47$

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: 0.269 $\pm$ 0.011 χ^2 /NDF:146.9/6

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.3/18

Left In: 0.260 $\pm$ 0.012 χ^2 /NDF:77.6/4

Left: 0.265 $\pm$ 0.008 χ^2 /NDF: 224.7/11

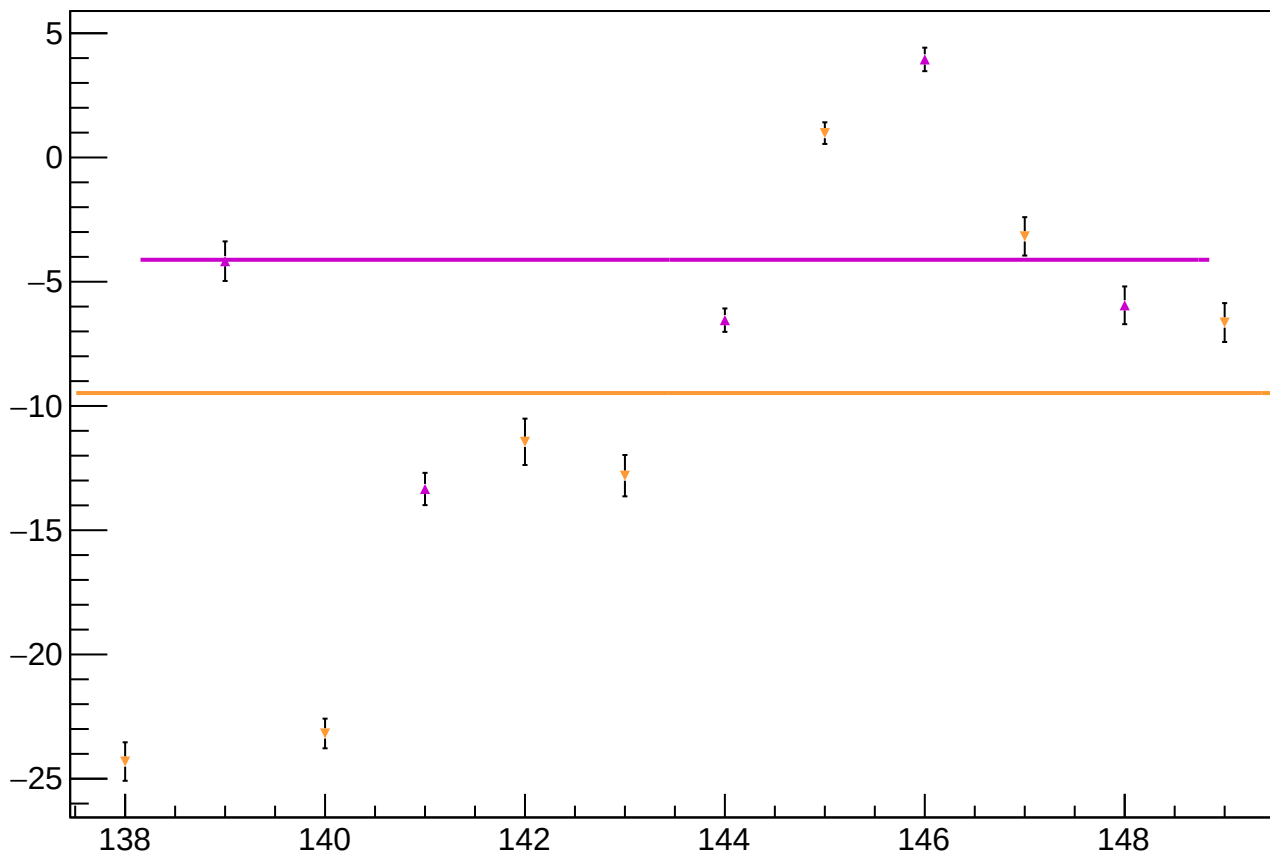
Right: 0.074 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.177 $\pm$ 0.009 χ^2 /NDF:248.0/21

Out: 0.170 $\pm$ 0.008 χ^2 /NDF:393.9/25

All: 0.173 $\pm$ 0.006 χ^2 /NDF: 642.2/47

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: -9.479+/-0.253 χ^2/NDF :1569.3/6

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

Left In: -4.116+/-0.261 χ^2/NDF :525.4/4

Left: -6.884+/-0.182 χ^2/NDF : 2312.4/11

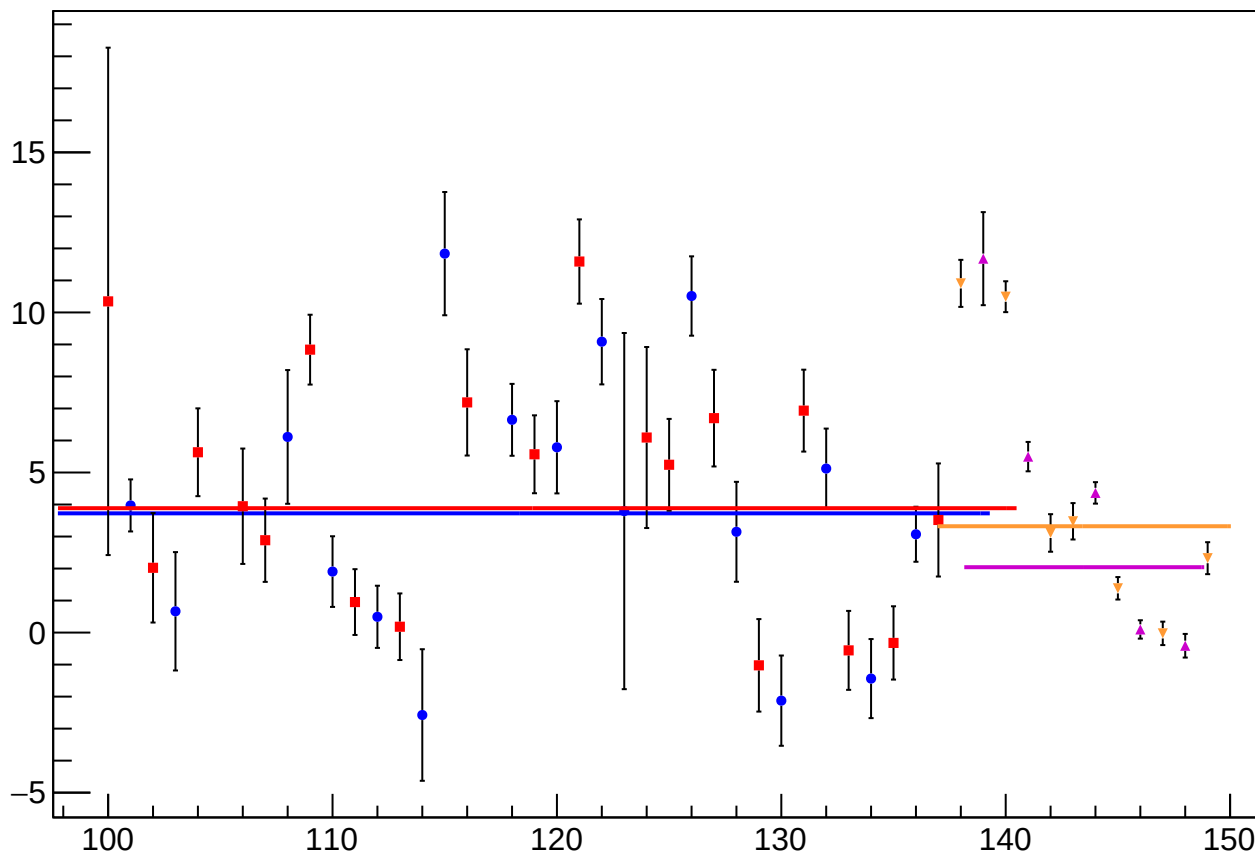
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.116+/-0.261 χ^2/NDF :525.4/4

Out: -9.479+/-0.253 χ^2/NDF :1569.3/6

All: -6.884+/-0.182 χ^2/NDF : 2312.4/11

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 ± 0.308 $\chi^2/\text{NDF}: 136.8/16$

Left Out: 3.321 ± 0.177 $\chi^2/\text{NDF}: 445.9/6$

Right Out: 3.885 ± 0.316 $\chi^2/\text{NDF}: 134.4/18$

Left In: 2.042 ± 0.173 $\chi^2/\text{NDF}: 238.6/4$

Left: 2.664 ± 0.124 $\chi^2/\text{NDF}: 711.2/11$

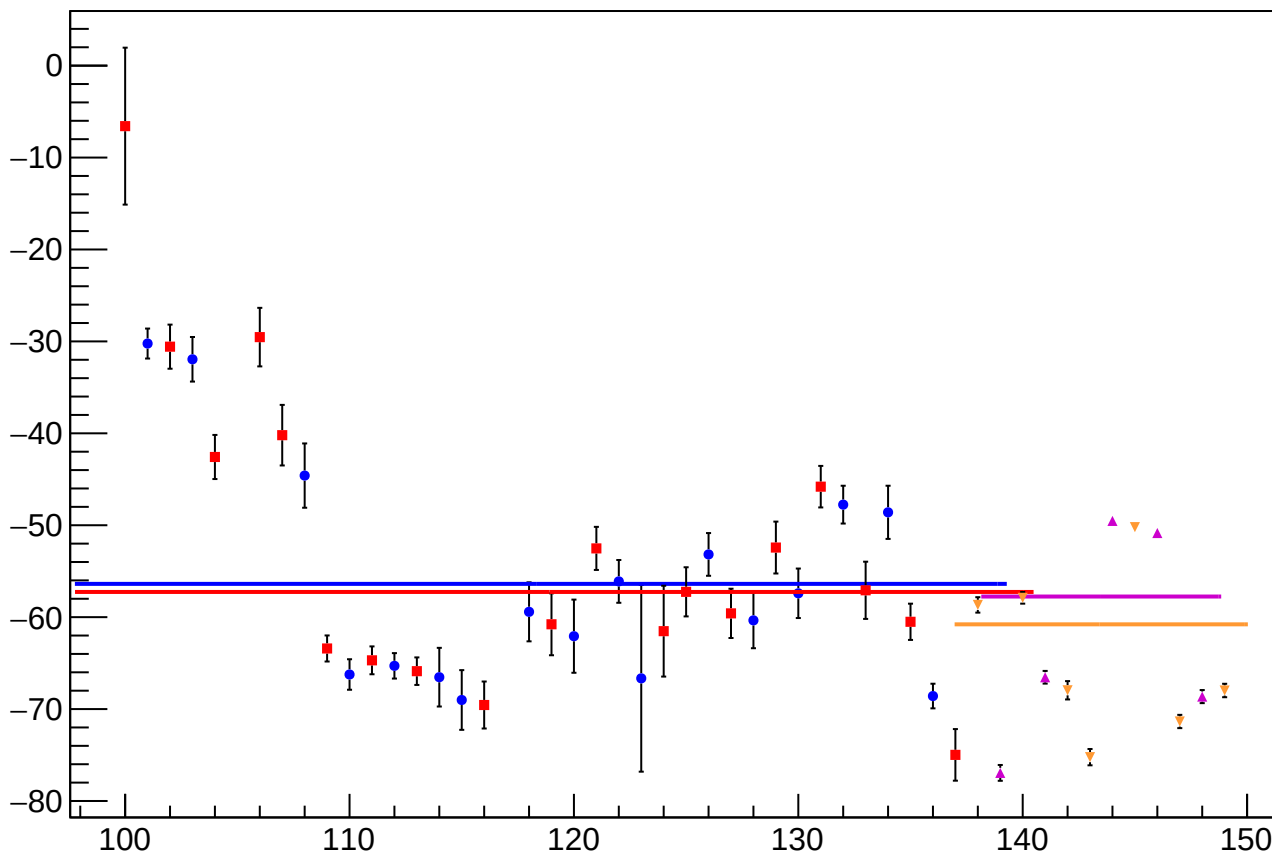
Right: 3.803 ± 0.221 $\chi^2/\text{NDF}: 271.3/35$

In: 2.443 ± 0.151 $\chi^2/\text{NDF}: 398.0/21$

Out: 3.456 ± 0.155 $\chi^2/\text{NDF}: 582.6/25$

All: 2.936 ± 0.108 $\chi^2/\text{NDF}: 1002.7/47$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 $\pm$ 0.542 χ^2 /NDF: 587.4/16

Left Out: -60.781 $\pm$ 0.262 χ^2 /NDF:1174.8/6

Right Out: -57.258 $\pm$ 0.536 χ^2 /NDF: 476.1/18

Left In: -57.756 $\pm$ 0.265 χ^2 /NDF:1390.1/4

Left: -59.290 $\pm$ 0.186 χ^2 /NDF: 2630.9/11

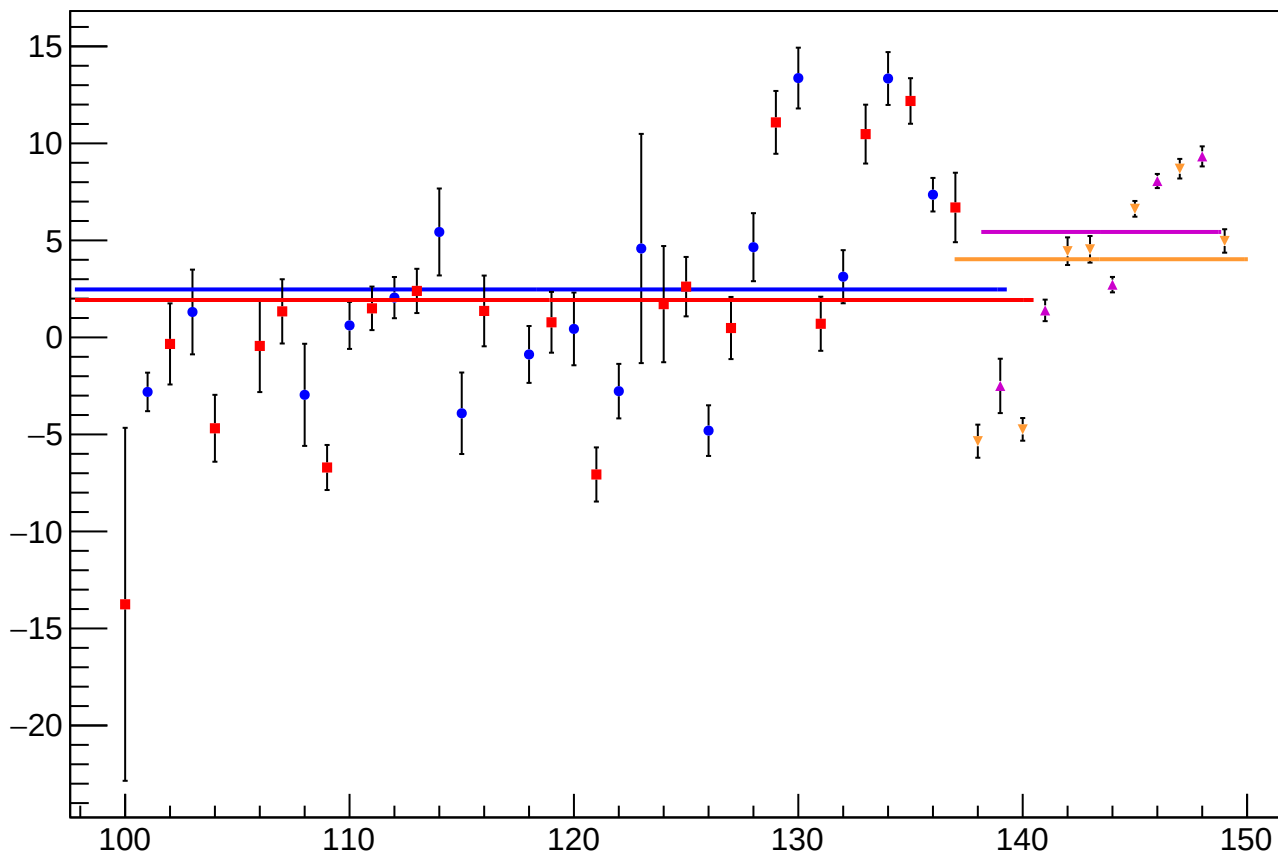
Right: -56.823 $\pm$ 0.381 χ^2 /NDF: 1064.8/35

In: -57.489 $\pm$ 0.238 χ^2 /NDF:1982.7/21

Out: -60.103 $\pm$ 0.235 χ^2 /NDF:1685.8/25

All: -58.814 $\pm$ 0.167 χ^2 /NDF: 3729.5/47

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: 4.029 ± 0.217 χ^2/NDF : 476.0/6

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

Left In: 5.435 ± 0.216 χ^2/NDF : 240.5/4

Left: 4.735 ± 0.153 χ^2/NDF : 737.5/11

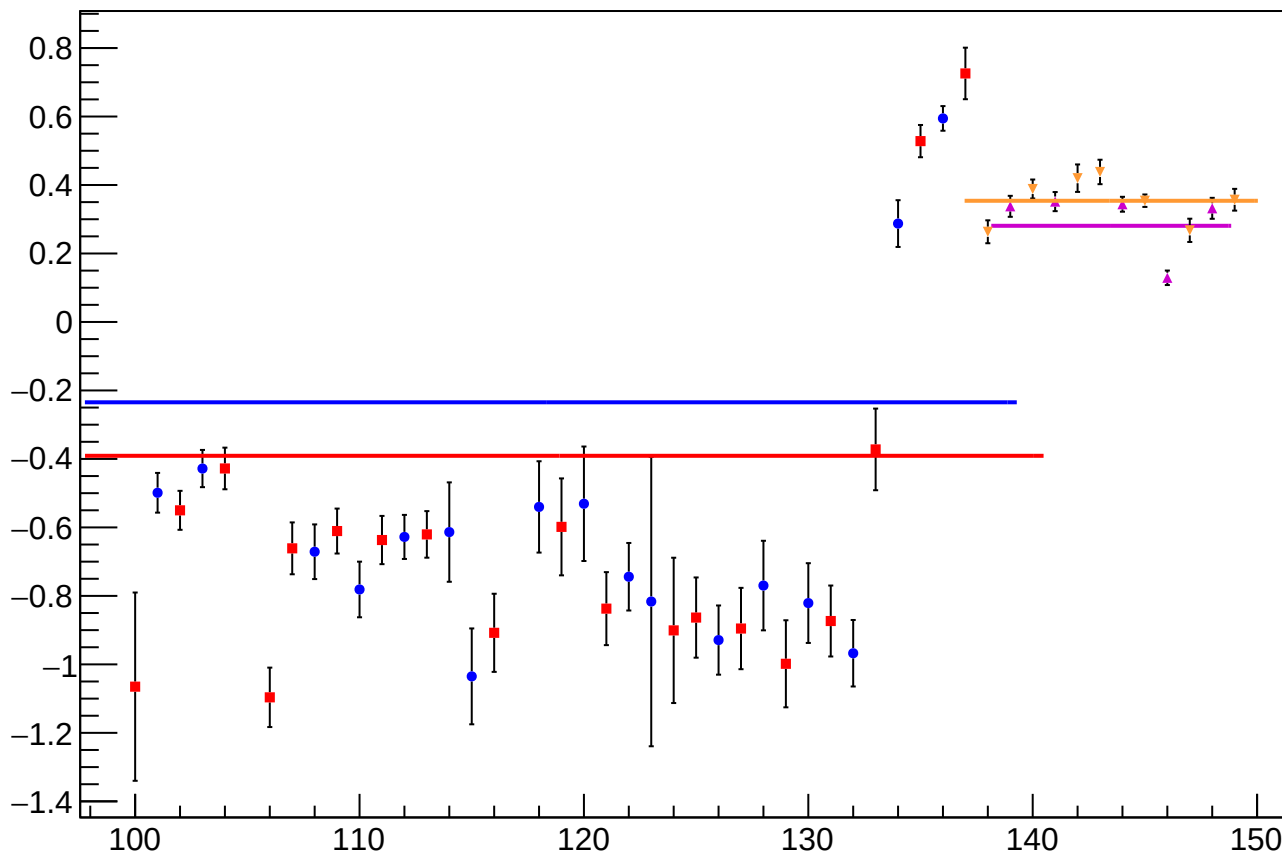
Right: 2.208 ± 0.248 χ^2/NDF : 511.4/35

In: 4.600 ± 0.183 χ^2/NDF : 536.9/21

Out: 3.456 ± 0.185 χ^2/NDF : 768.1/25

All: 4.034 ± 0.130 χ^2/NDF : 1324.3/47

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 ± 0.011 χ^2/NDF : 23.6/6

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.281 ± 0.011 χ^2/NDF : 72.5/4

Left: 0.319 ± 0.008 χ^2/NDF : 117.7/11

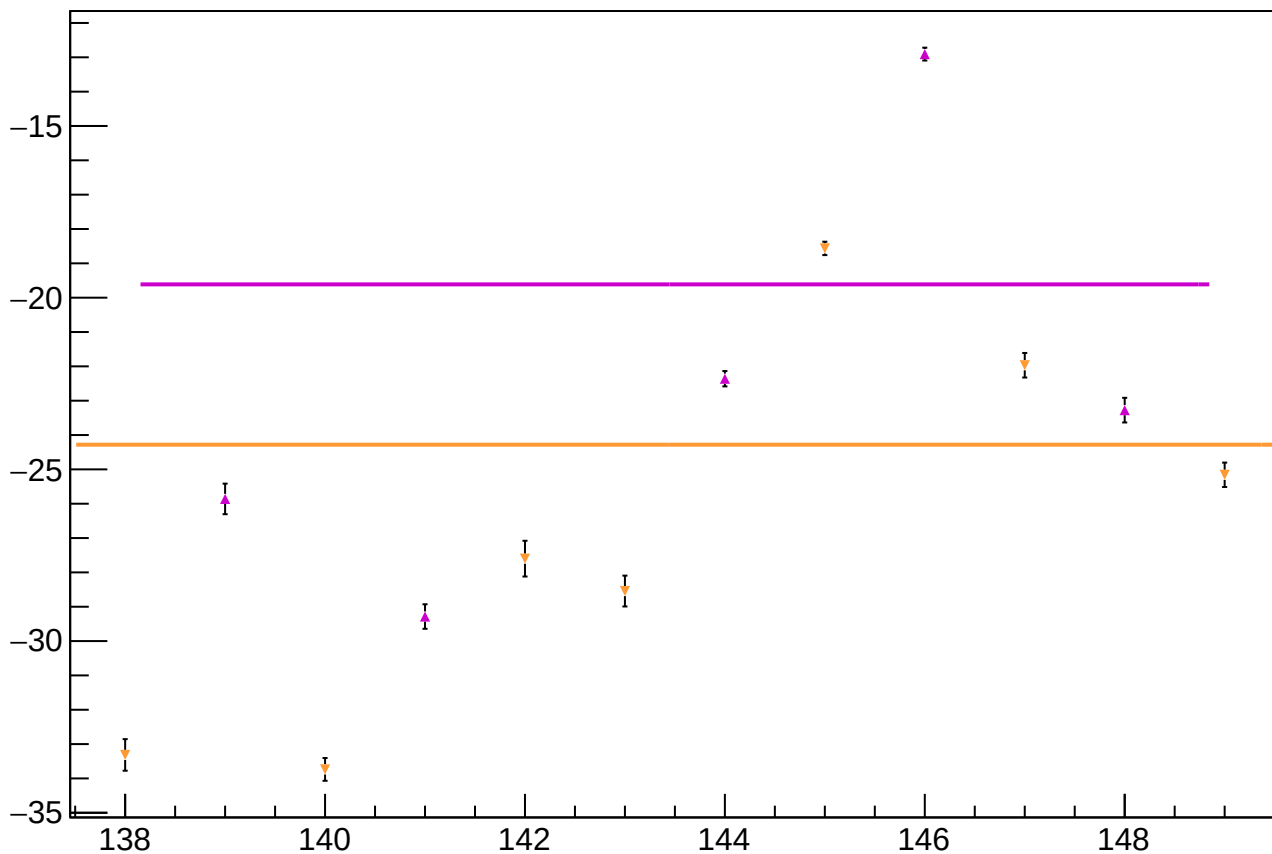
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.144 ± 0.010 χ^2/NDF : 1578.8/21

Out: 0.170 ± 0.009 χ^2/NDF : 2039.0/25

All: 0.157 ± 0.007 χ^2/NDF : 3621.5/47

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

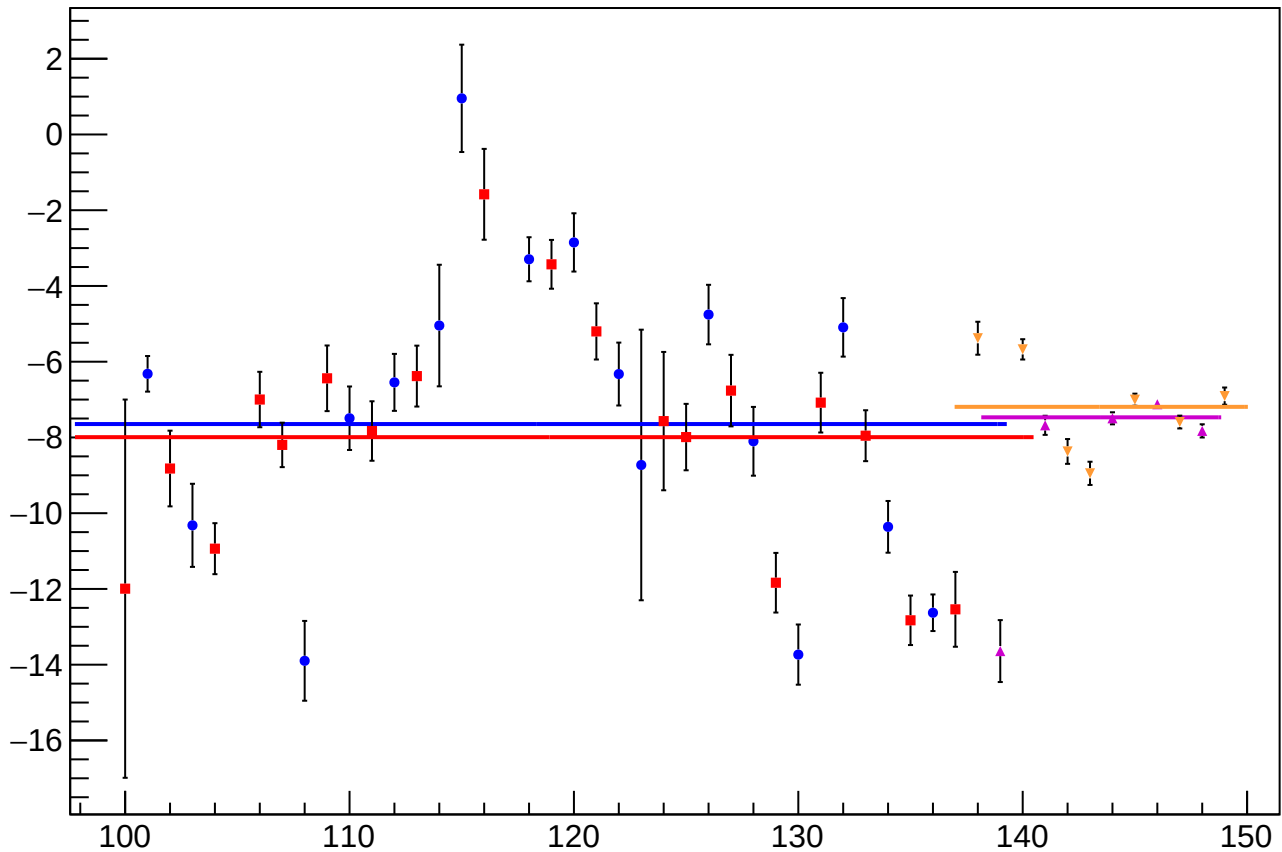


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.282+/-0.124 χ^2/NDF :2236.7/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.613+/-0.120 χ^2/NDF :2467.1/4

Left: -21.866+/-0.086 χ^2/NDF : 5431.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.613+/-0.120 χ^2/NDF :2467.1/4
 Out: -24.282+/-0.124 χ^2/NDF :2236.7/6

All: -21.866+/-0.086 χ^2/NDF : 5431.7/11

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: -7.192 ± 0.087 χ^2/NDF : 103.7/6

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -7.469 ± 0.078 χ^2/NDF : 70.7/4

Left: -7.344 ± 0.058 χ^2/NDF : 179.9/11

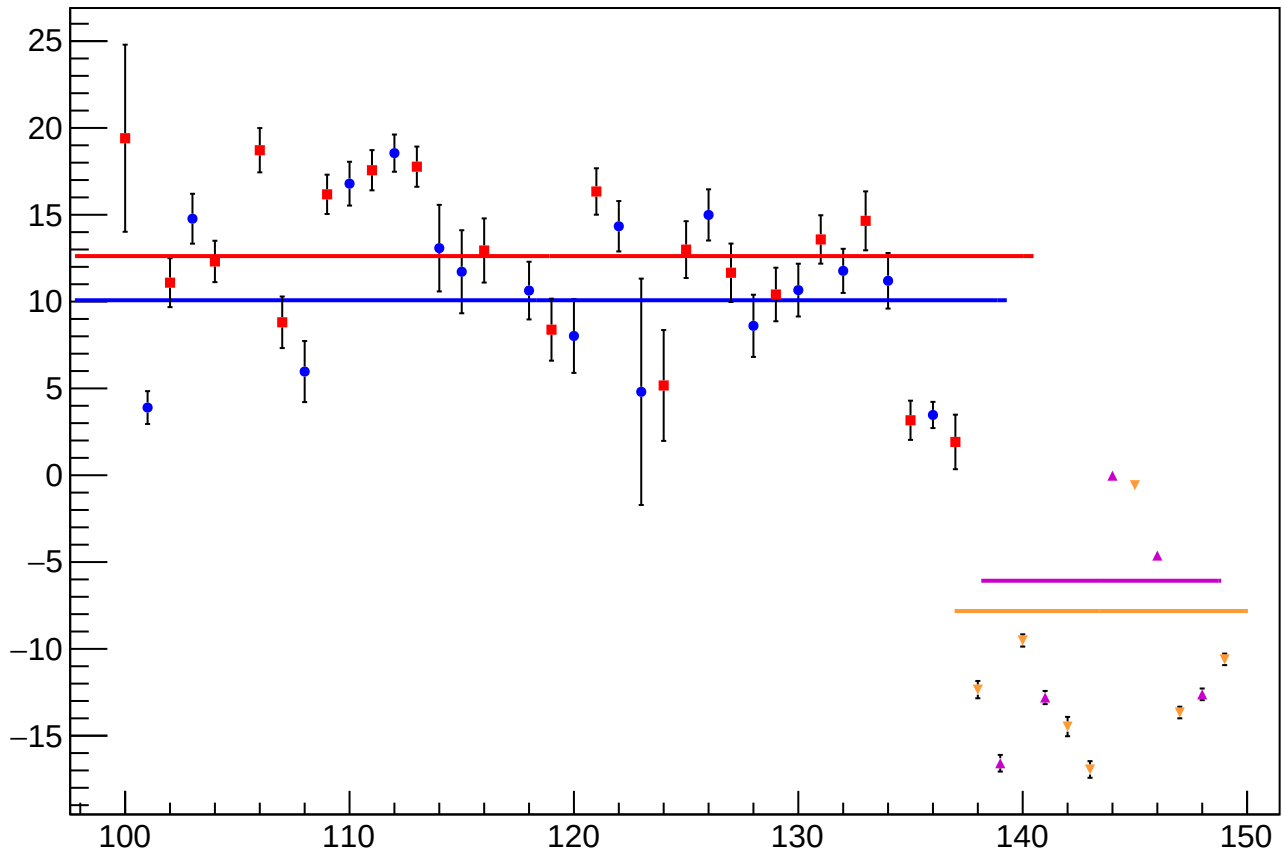
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.496 ± 0.072 χ^2/NDF : 465.1/21

Out: -7.335 ± 0.079 χ^2/NDF : 344.4/25

All: -7.422 ± 0.053 χ^2/NDF : 811.7/47

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -7.819 ± 0.128 χ^2/NDF : 2223.4/6

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

Left In: -6.075 ± 0.121 χ^2/NDF : 1873.2/4

Left: -6.899 ± 0.088 χ^2/NDF : 4194.8/11

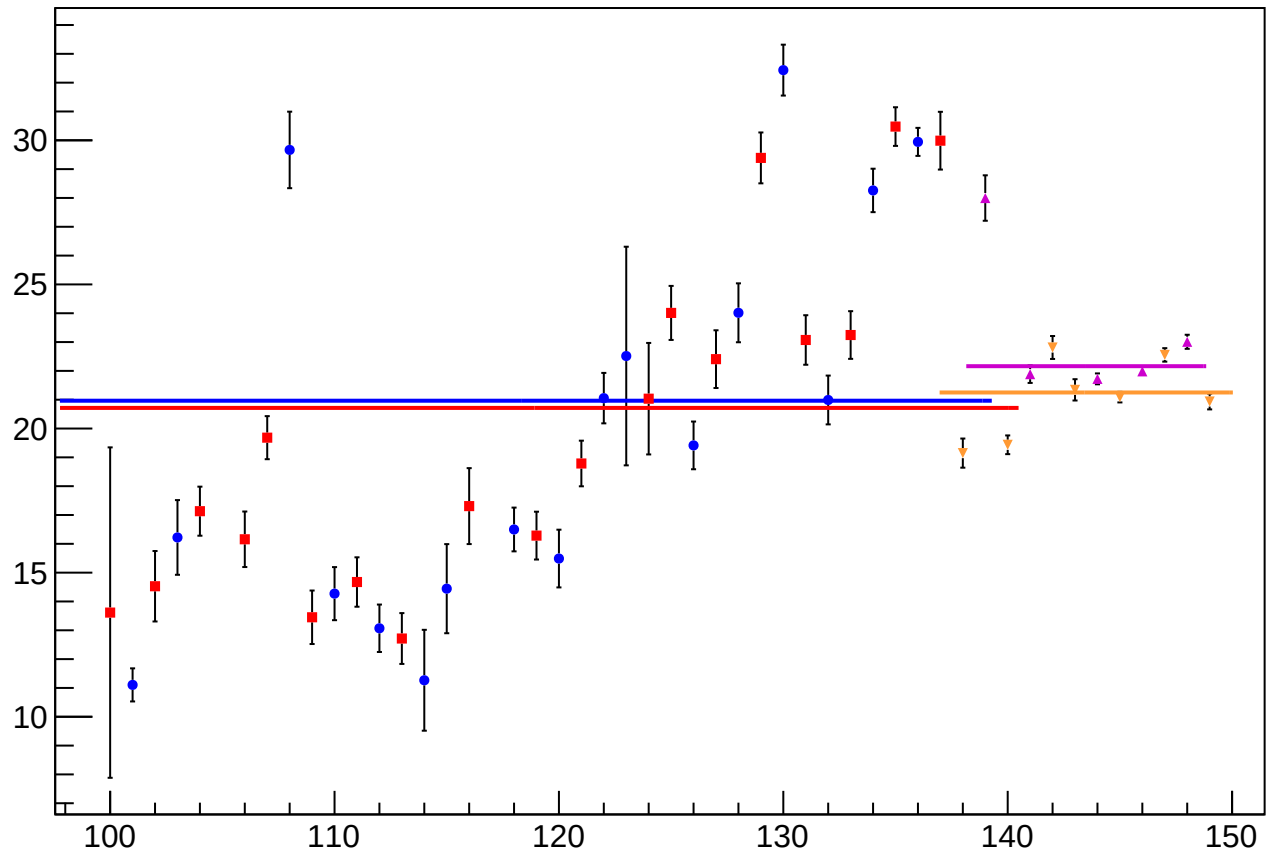
Right: 11.365 ± 0.237 χ^2/NDF : 501.6/35

In: -4.229 ± 0.114 χ^2/NDF : 4163.5/21

Out: -5.186 ± 0.119 χ^2/NDF : 5736.5/25

All: -4.685 ± 0.082 χ^2/NDF : 9933.7/47

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: 21.251 $\pm$ 0.106 χ^2 /NDF: 97.2/6

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

Left In: 22.163 $\pm$ 0.098 χ^2 /NDF: 74.5/4

Left: 21.743 $\pm$ 0.072 χ^2 /NDF: 211.3/11

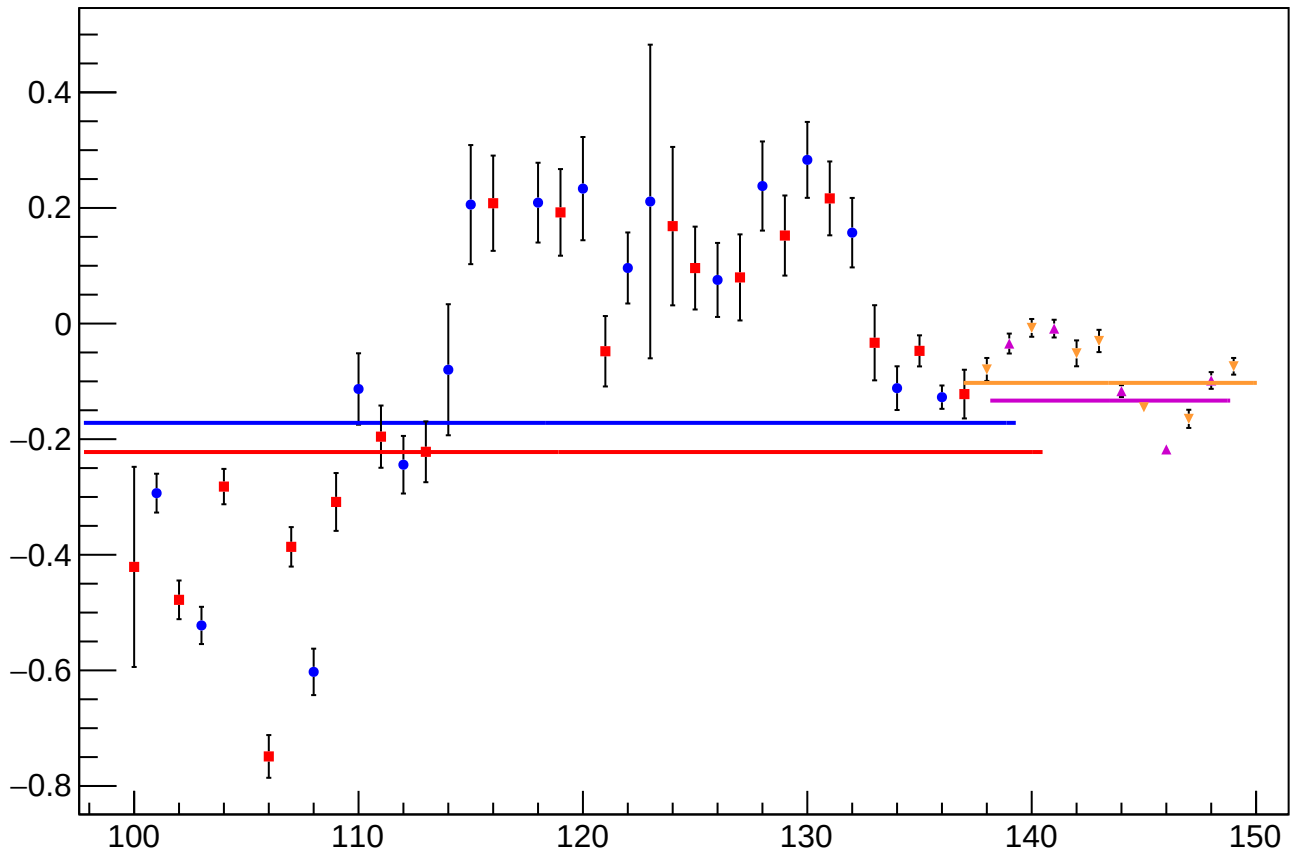
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 21.947 $\pm$ 0.089 χ^2 /NDF: 1326.7/21

Out: 21.144 $\pm$ 0.095 χ^2 /NDF: 832.1/25

All: 21.572 $\pm$ 0.065 χ^2 /NDF: 2196.8/47

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: -0.103 ± 0.005 χ^2/NDF : 105.7/6

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

Left In: -0.133 ± 0.005 χ^2/NDF : 207.1/4

Left: -0.118 ± 0.004 χ^2/NDF : 329.6/11

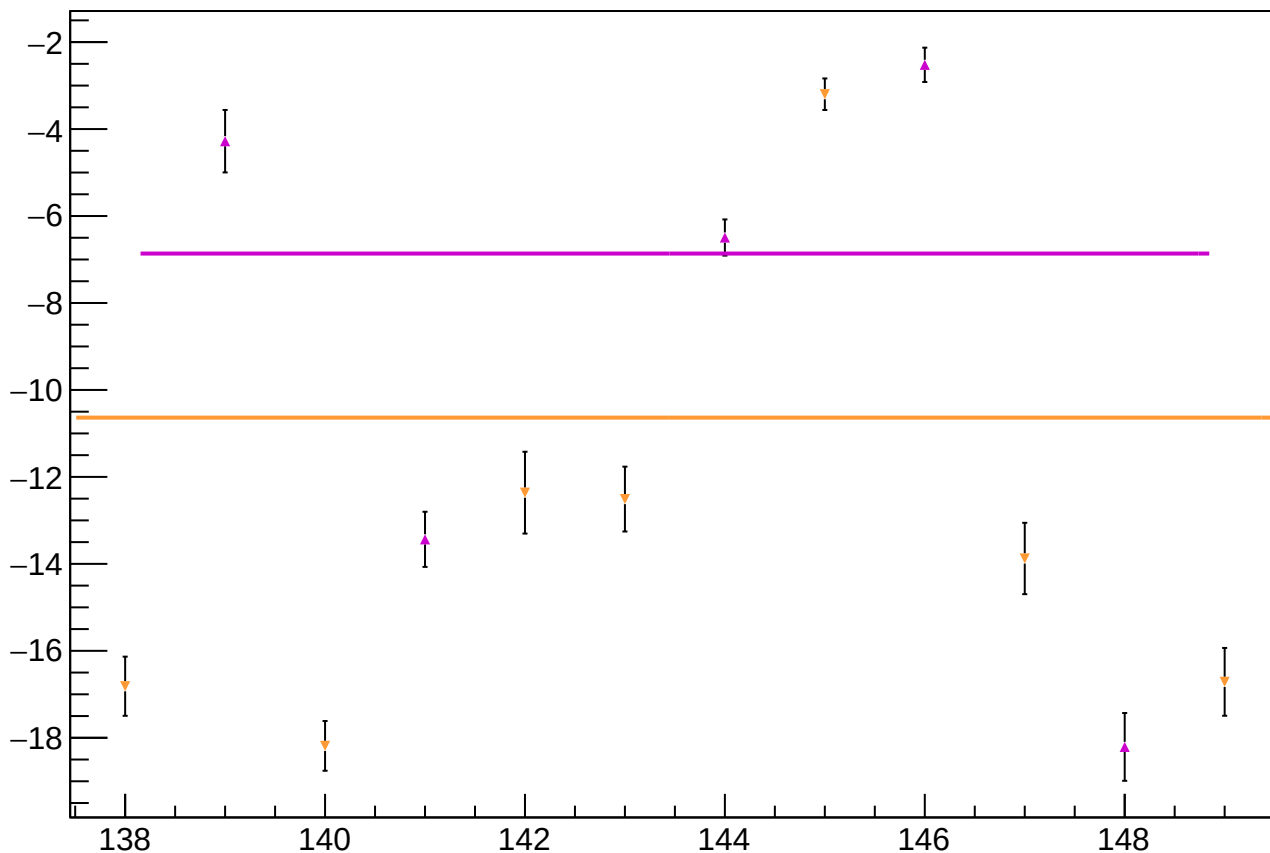
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.140 ± 0.005 χ^2/NDF : 681.0/21

Out: -0.125 ± 0.005 χ^2/NDF : 738.6/25

All: -0.133 ± 0.003 χ^2/NDF : 1424.4/47

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: -10.636+/-0.230 χ^2/NDF : 763.3/6

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

Left In: -6.863+/-0.234 χ^2/NDF : 454.3/4

Left: -8.780+/-0.164 χ^2/NDF : 1349.8/11

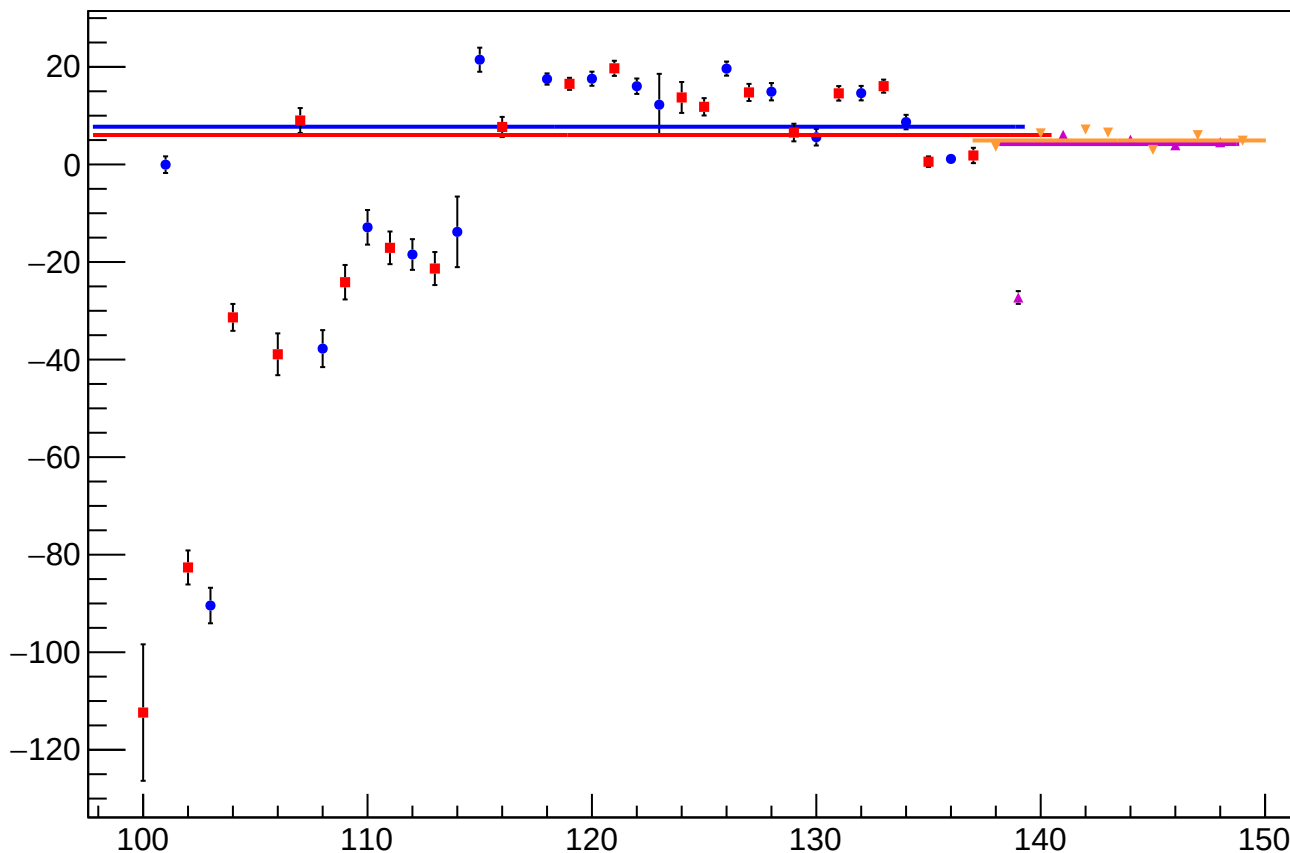
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.863+/-0.234 χ^2/NDF : 454.3/4

Out: -10.636+/-0.230 χ^2/NDF : 763.3/6

All: -8.780+/-0.164 χ^2/NDF : 1349.8/11

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: 4.921 ± 0.166 $\chi^2/\text{NDF}: 90.5/6$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

Left In: 4.183 ± 0.159 $\chi^2/\text{NDF}: 607.9/4$

Left: 4.536 ± 0.115 $\chi^2/\text{NDF}: 708.7/11$

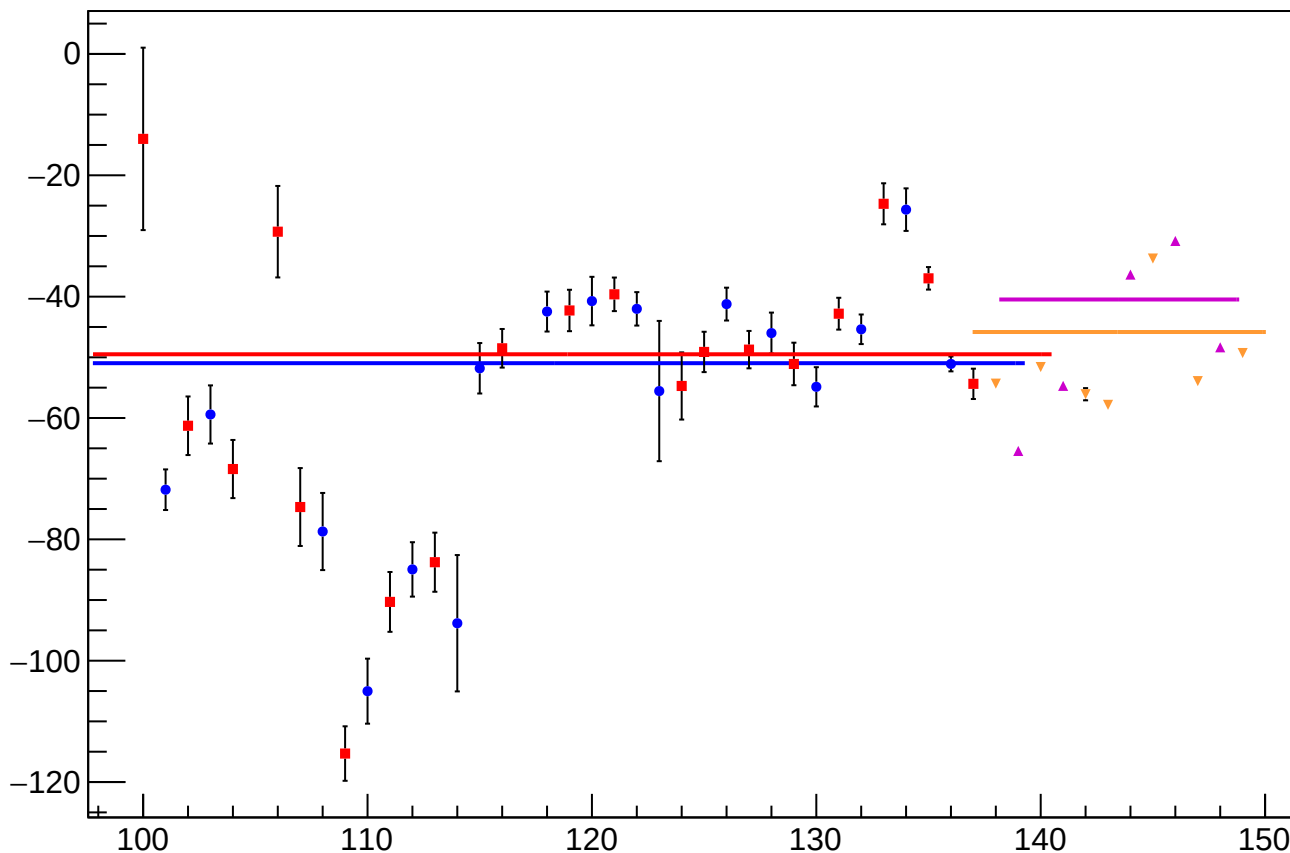
Right: 6.952 ± 0.295 $\chi^2/\text{NDF}: 2878.8/35$

In: 4.661 ± 0.148 $\chi^2/\text{NDF}: 2033.7/21$

Out: 5.064 ± 0.155 $\chi^2/\text{NDF}: 1608.4/25$

All: 4.853 ± 0.107 $\chi^2/\text{NDF}: 3645.7/47$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966 ± 0.738 $\chi^2/\text{NDF}: 332.7/16$

Left Out: -45.827 ± 0.240 $\chi^2/\text{NDF}: 1665.2/6$

Right Out: -49.497 ± 0.797 $\chi^2/\text{NDF}: 510.4/18$

Left In: -40.468 ± 0.238 $\chi^2/\text{NDF}: 2325.8/4$

Left: -43.121 ± 0.169 $\chi^2/\text{NDF}: 4242.5/11$

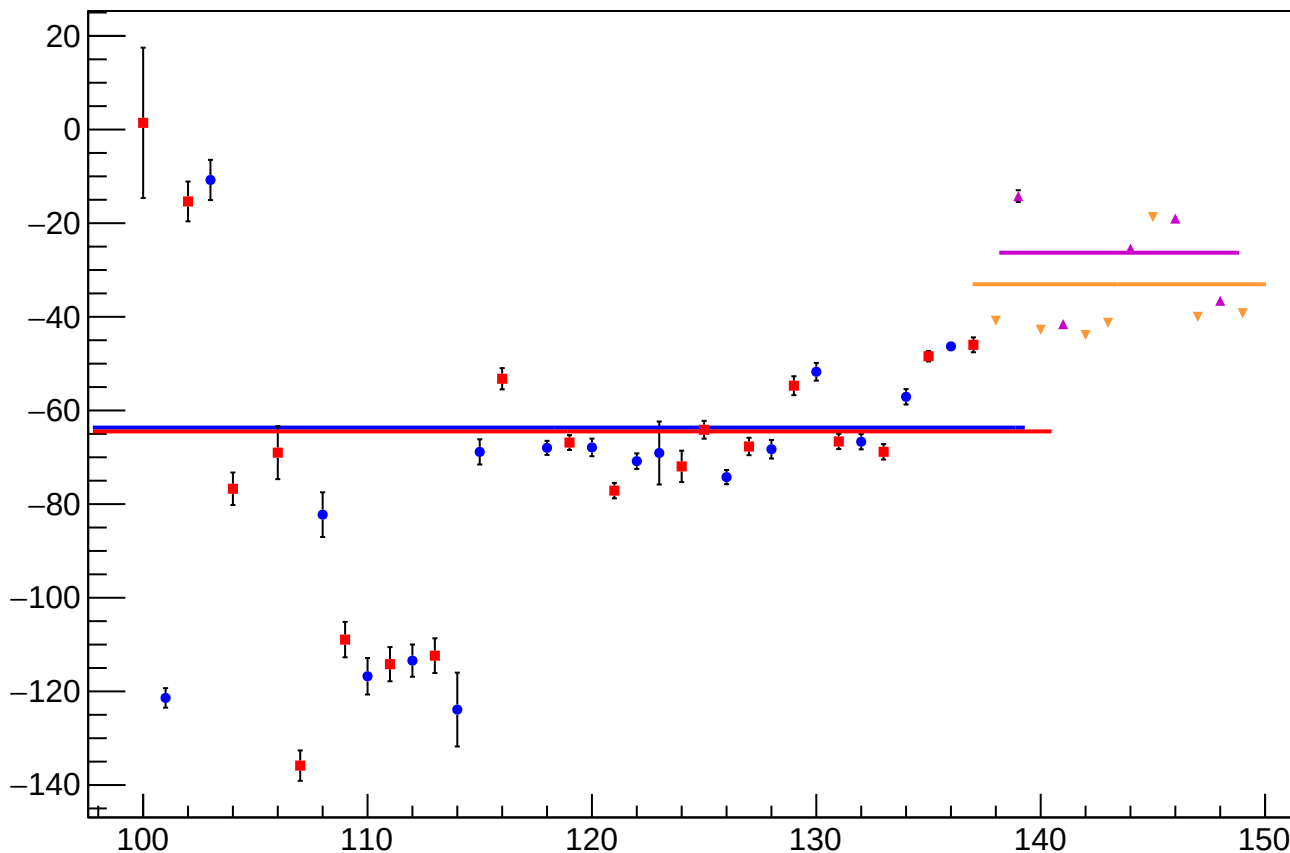
Right: -50.288 ± 0.541 $\chi^2/\text{NDF}: 844.9/35$

In: -41.456 ± 0.226 $\chi^2/\text{NDF}: 2842.0/21$

Out: -46.132 ± 0.230 $\chi^2/\text{NDF}: 2195.0/25$

All: -43.757 ± 0.161 $\chi^2/\text{NDF}: 5247.1/47$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -33.042 ± 0.201 χ^2/NDF : 2932.4/6

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

Left In: -26.304 ± 0.197 χ^2/NDF : 1802.4/4

Left: -29.604 ± 0.141 χ^2/NDF : 5307.4/11

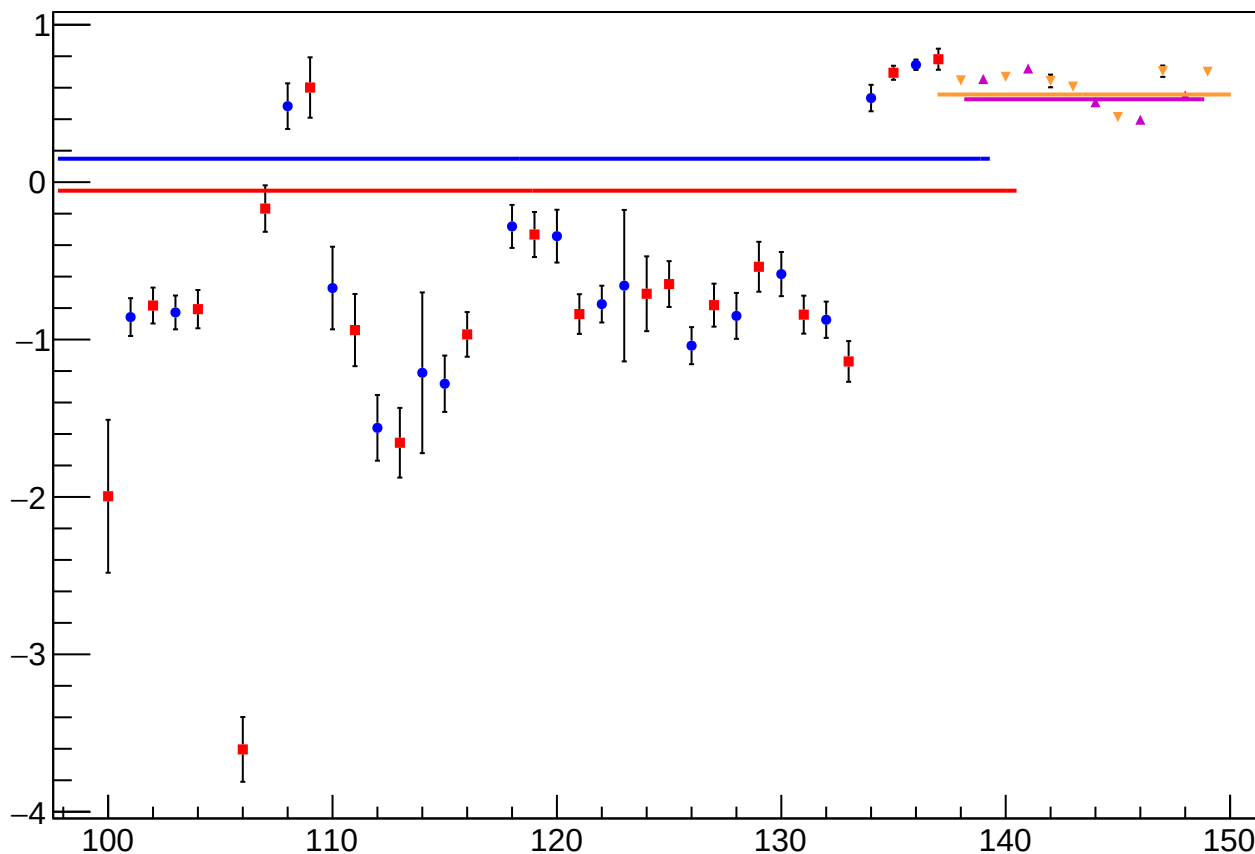
Right: -64.030 ± 0.327 χ^2/NDF : 3623.1/35

In: -32.420 ± 0.180 χ^2/NDF : 9699.4/21

Out: -37.696 ± 0.186 χ^2/NDF : 8153.6/25

All: -34.979 ± 0.129 χ^2/NDF : 18268.8/47

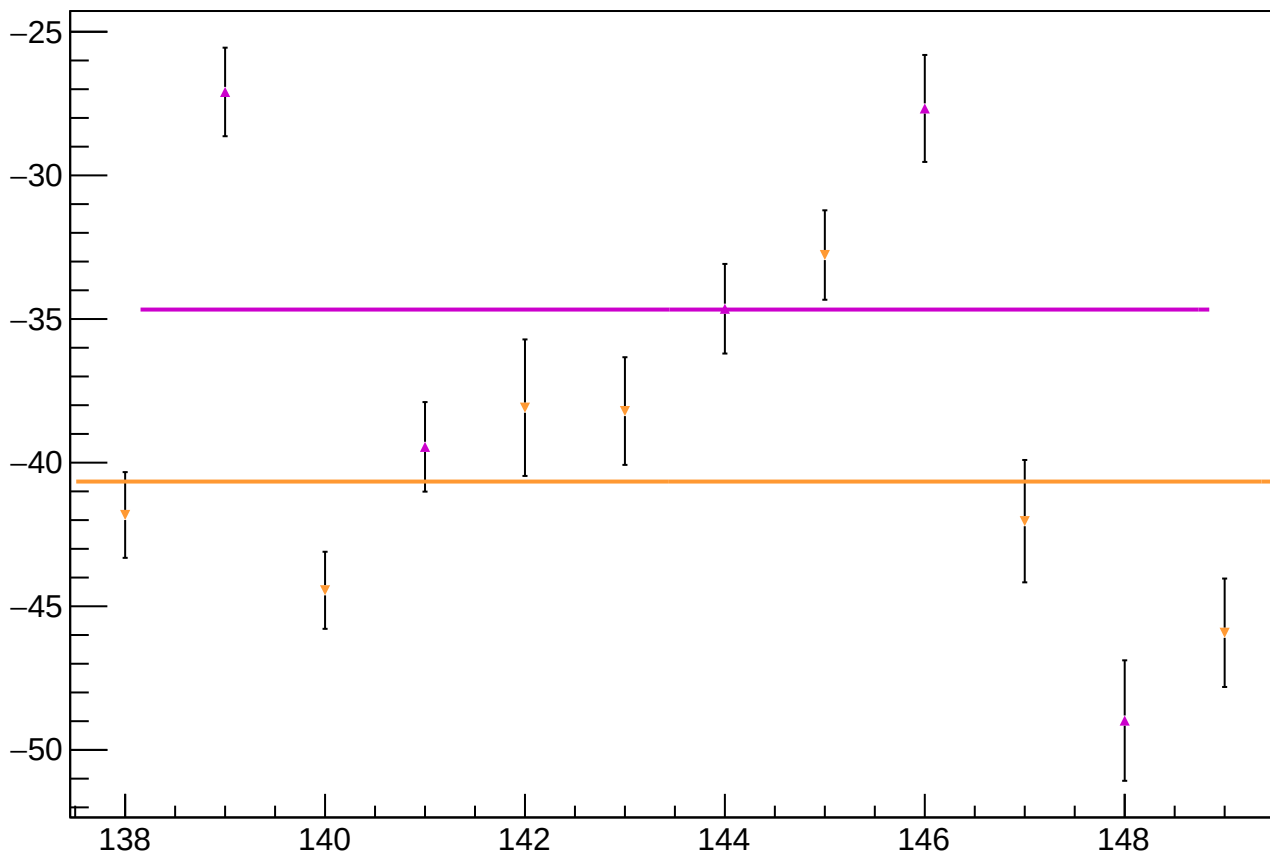
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16
 Left Out: 0.557 $\pm$ 0.010 χ^2 /NDF:160.6/6
 Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18
 Left In: 0.527 $\pm$ 0.010 χ^2 /NDF:127.5/4

Left: 0.542 $\pm$ 0.007 χ^2 /NDF: 292.6/11
 Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2190.5/35
 In: 0.468 $\pm$ 0.009 χ^2 /NDF:1327.4/21
 Out: 0.481 $\pm$ 0.009 χ^2 /NDF:1804.7/25
 All: 0.475 $\pm$ 0.007 χ^2 /NDF: 3133.0/47

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: -40.658+/-0.648 χ^2/NDF : 45.3/6

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

Left In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Left: -38.113+/-0.491 χ^2/NDF : 175.8/11

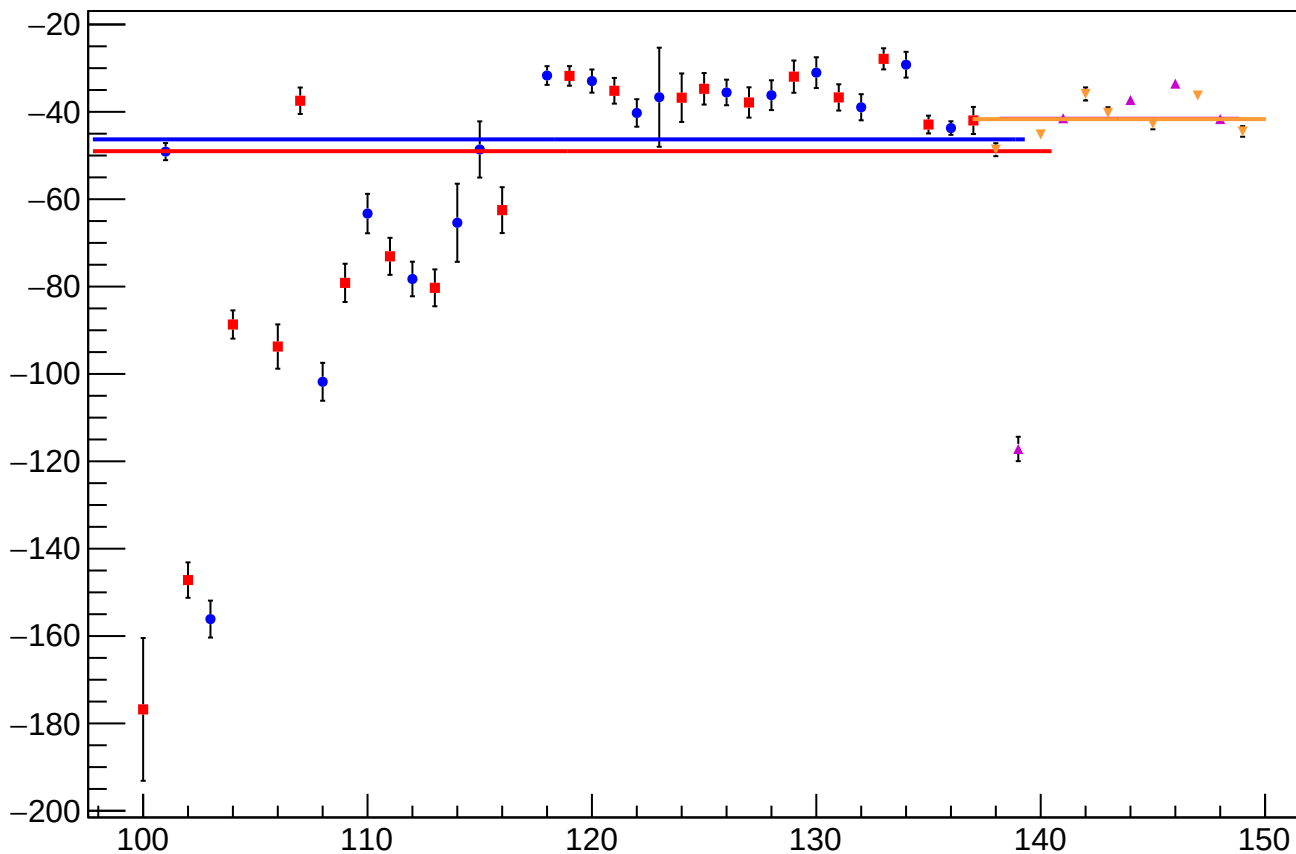
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Out: -40.658+/-0.648 χ^2/NDF : 45.3/6

All: -38.113+/-0.491 χ^2/NDF : 175.8/11

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -41.667 ± 0.466 χ^2/NDF : 82.7/6

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

Left In: -41.582 ± 0.537 χ^2/NDF : 797.8/4

Left: -41.631 ± 0.352 χ^2/NDF : 880.6/11

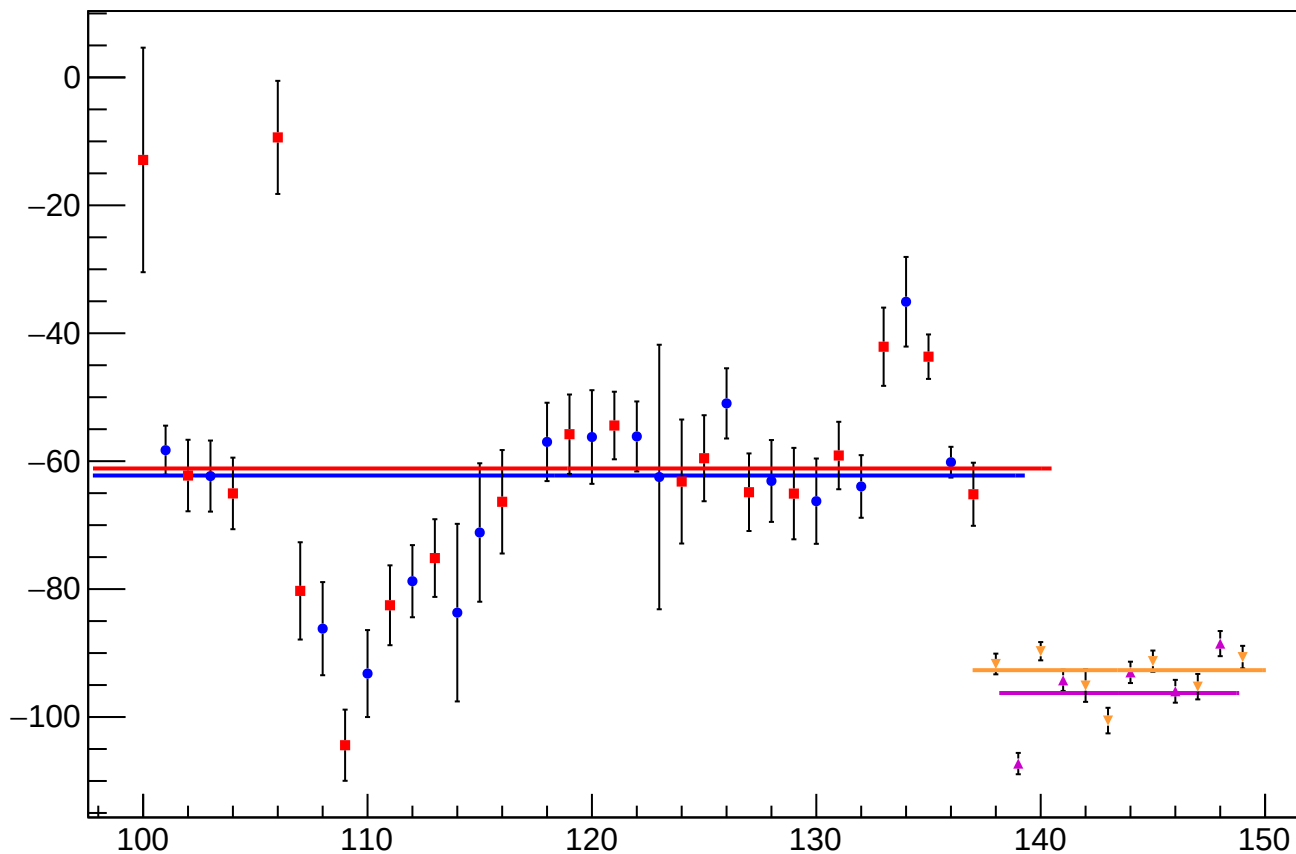
Right: -47.580 ± 0.525 χ^2/NDF : 2362.3/35

In: -43.261 ± 0.431 χ^2/NDF : 1909.3/21

Out: -43.658 ± 0.398 χ^2/NDF : 1421.7/25

All: -43.475 ± 0.292 χ^2/NDF : 3331.5/47

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: -92.676 ± 0.672 χ^2/NDF : 24.8/6

Right Out: -61.142 ± 1.379 χ^2/NDF : 165.6/18

Left In: -96.249 ± 0.777 χ^2/NDF : 64.4/4

Left: -94.204 ± 0.508 χ^2/NDF : 101.3/11

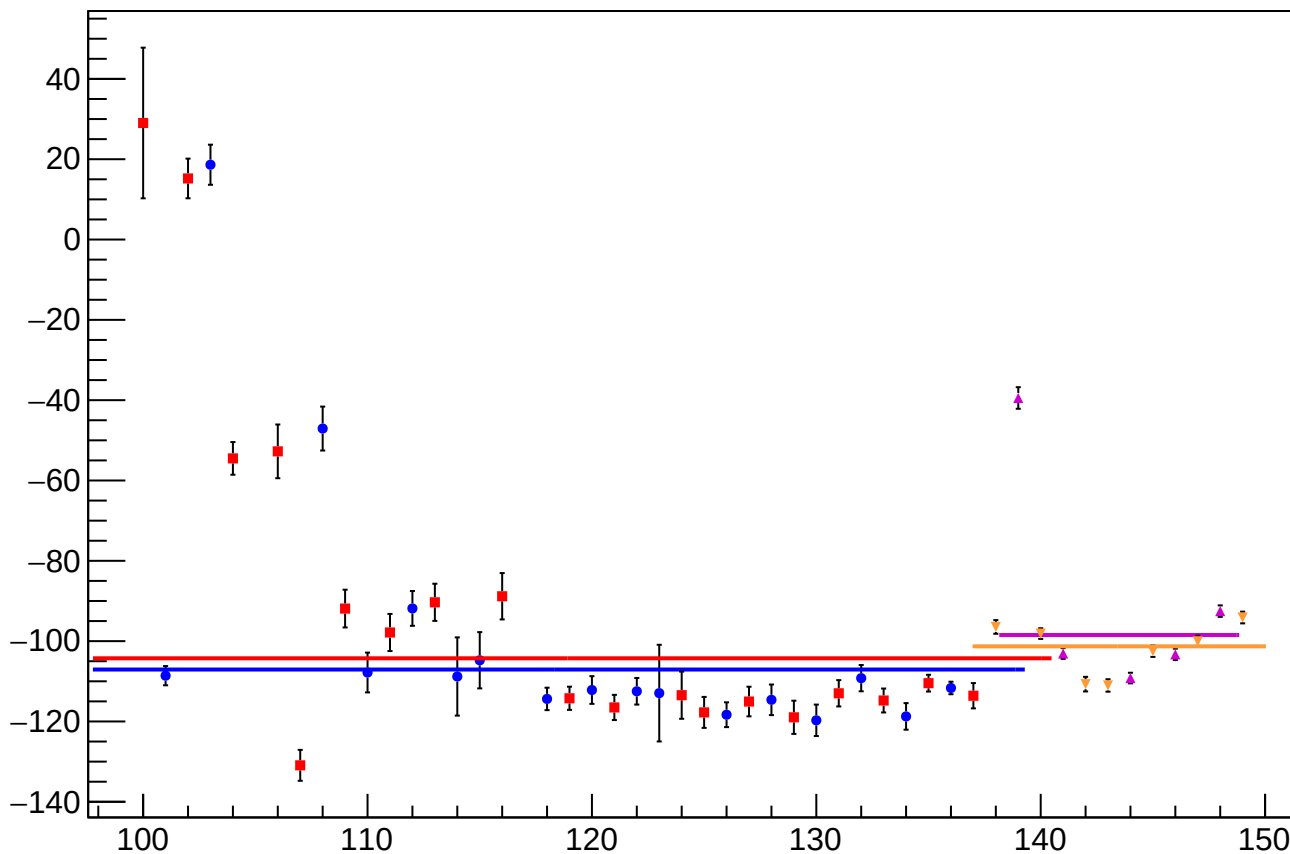
Right: -61.720 ± 0.950 χ^2/NDF : 233.3/35

In: -87.397 ± 0.668 χ^2/NDF : 630.2/21

Out: -86.631 ± 0.604 χ^2/NDF : 612.8/25

All: -86.975 ± 0.448 χ^2/NDF : 1243.7/47

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: -101.293 ± 0.569 χ^2/NDF : 105.7/6

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

Left In: -98.472 ± 0.667 χ^2/NDF : 588.0/4

Left: -100.104 ± 0.433 χ^2/NDF : 704.0/11

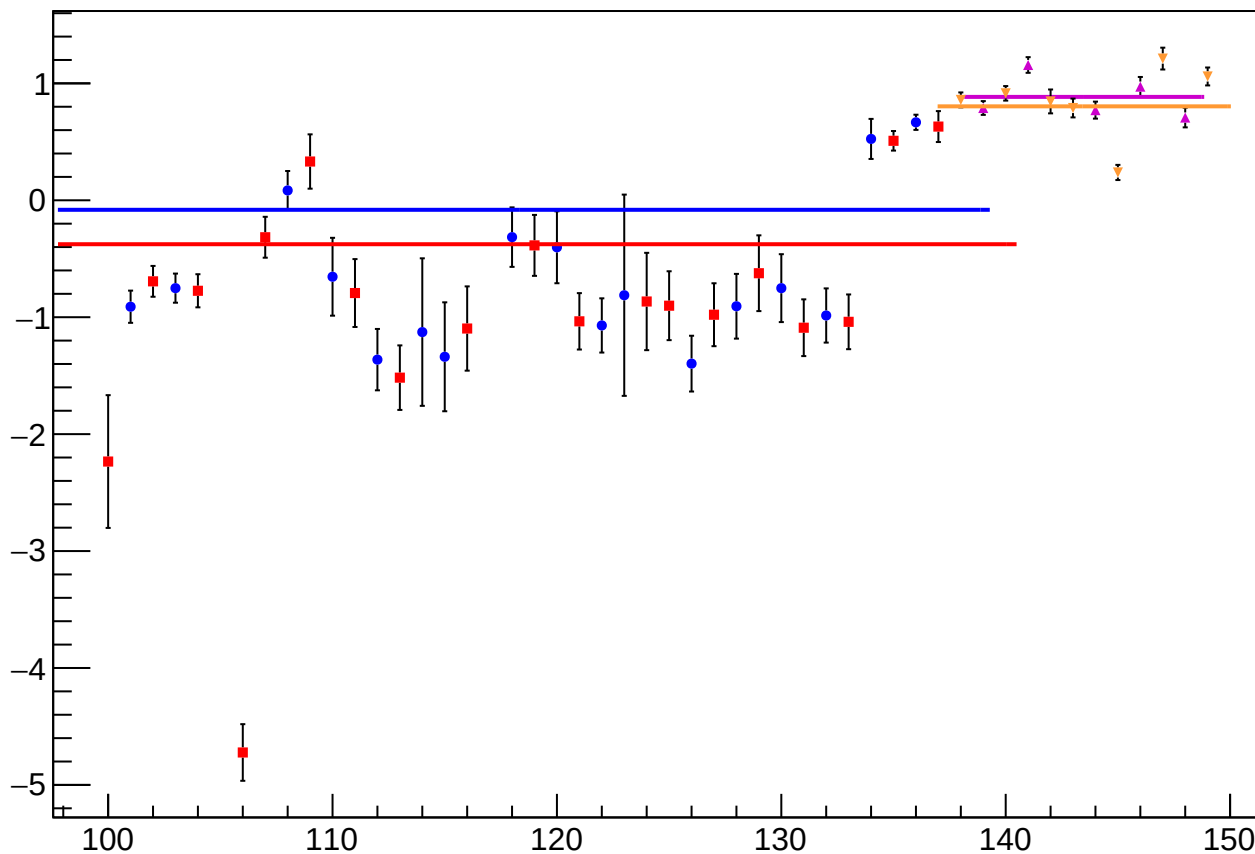
Right: -105.751 ± 0.590 χ^2/NDF : 1852.6/35

In: -101.938 ± 0.515 χ^2/NDF : 1483.3/21

Out: -102.198 ± 0.475 χ^2/NDF : 1132.6/25

All: -102.078 ± 0.349 χ^2/NDF : 2616.1/47

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: 0.803 ± 0.028 χ^2/NDF : 110.5/6

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 0.884 ± 0.032 χ^2/NDF : 27.1/4

Left: 0.839 ± 0.021 χ^2/NDF : 141.2/11

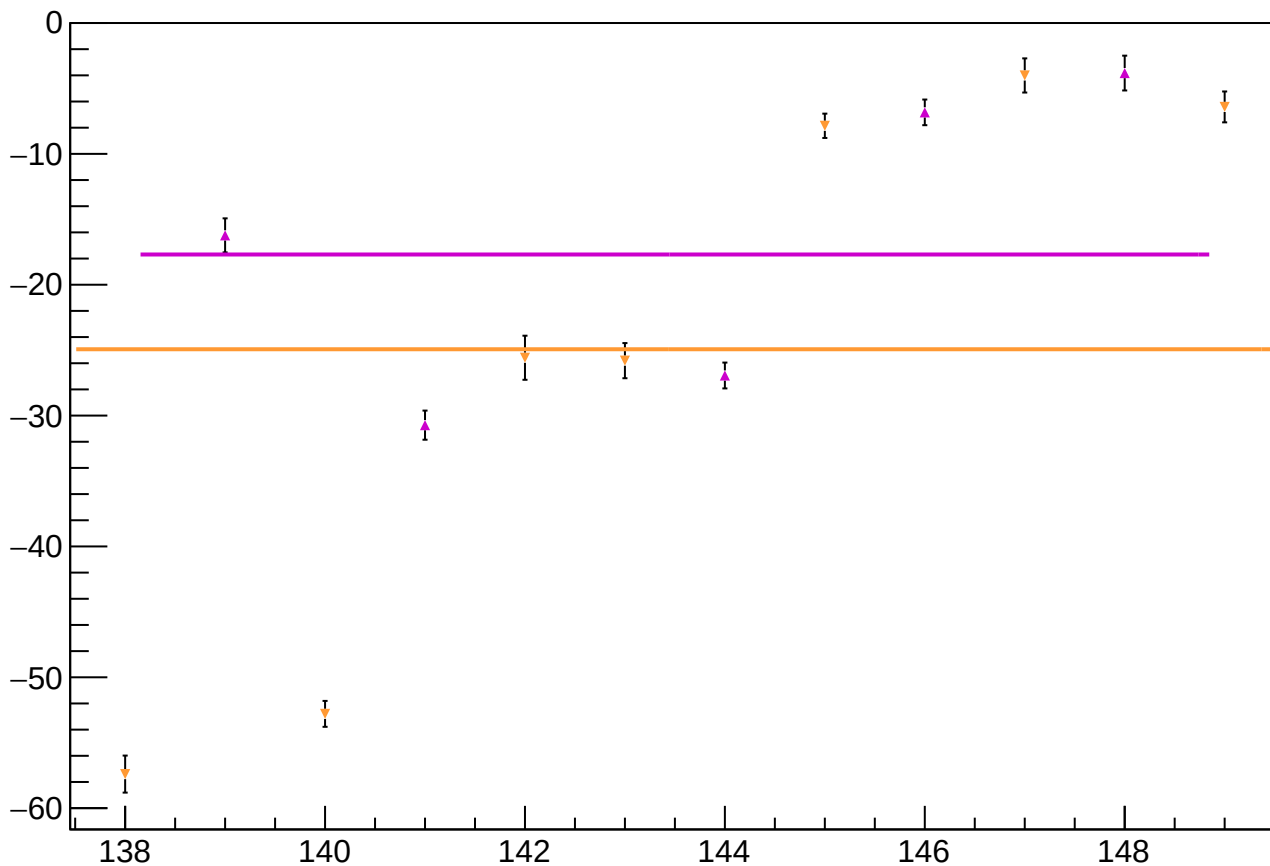
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.534 ± 0.025 χ^2/NDF : 690.2/21

Out: 0.463 ± 0.024 χ^2/NDF : 1206.7/25

All: 0.496 ± 0.017 χ^2/NDF : 1901.1/47

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



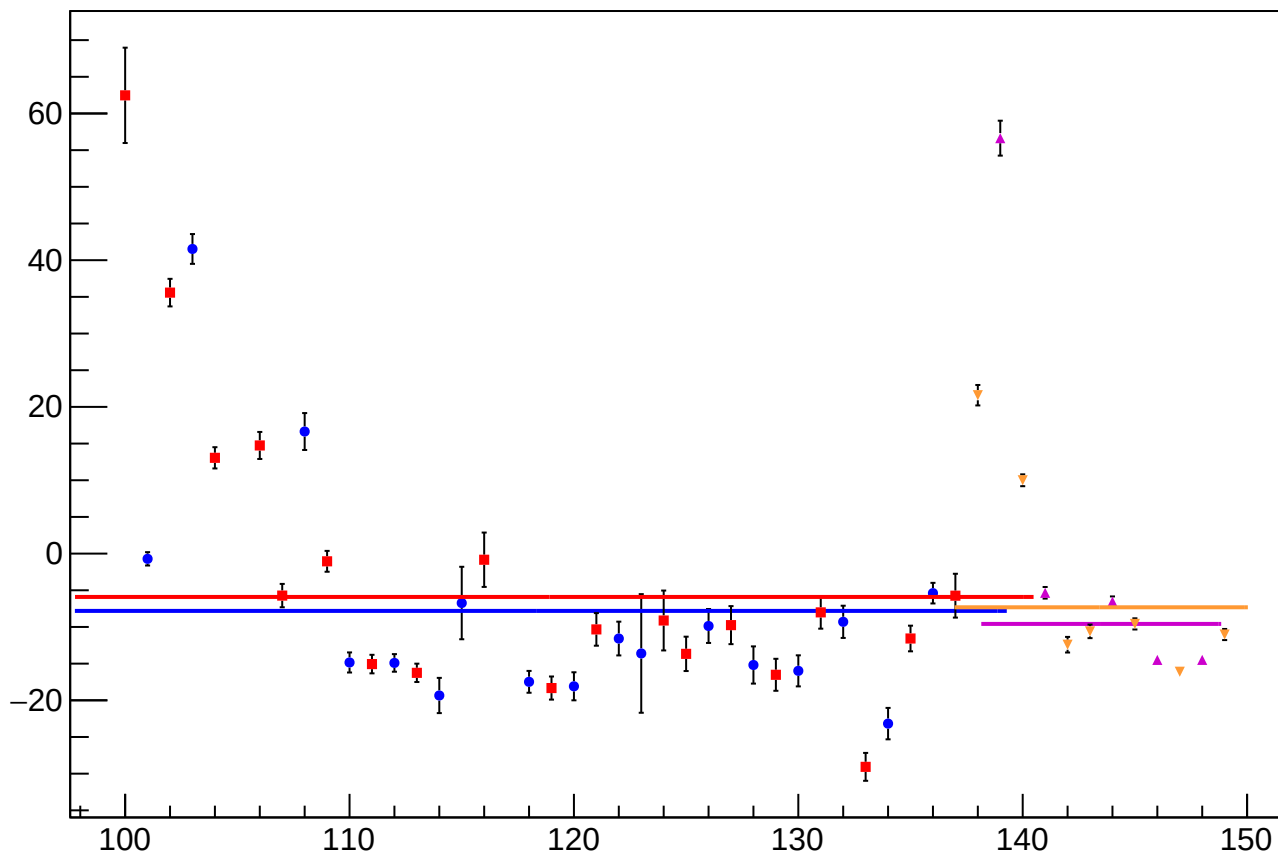
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.931+/-0.452 χ^2/NDF :2160.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.690+/-0.498 χ^2/NDF :458.0/4

Left: -21.658+/-0.335 χ^2/NDF : 2733.9/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.690+/-0.498 χ^2/NDF :458.0/4
 Out: -24.931+/-0.452 χ^2/NDF :2160.0/6

All: -21.658+/-0.335 χ^2/NDF : 2733.9/11

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -7.319 ± 0.314 χ^2/NDF : 1156.7/6

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

Left In: -9.586 ± 0.337 χ^2/NDF : 941.6/4

Left: -8.372 ± 0.230 χ^2/NDF : 2122.6/11

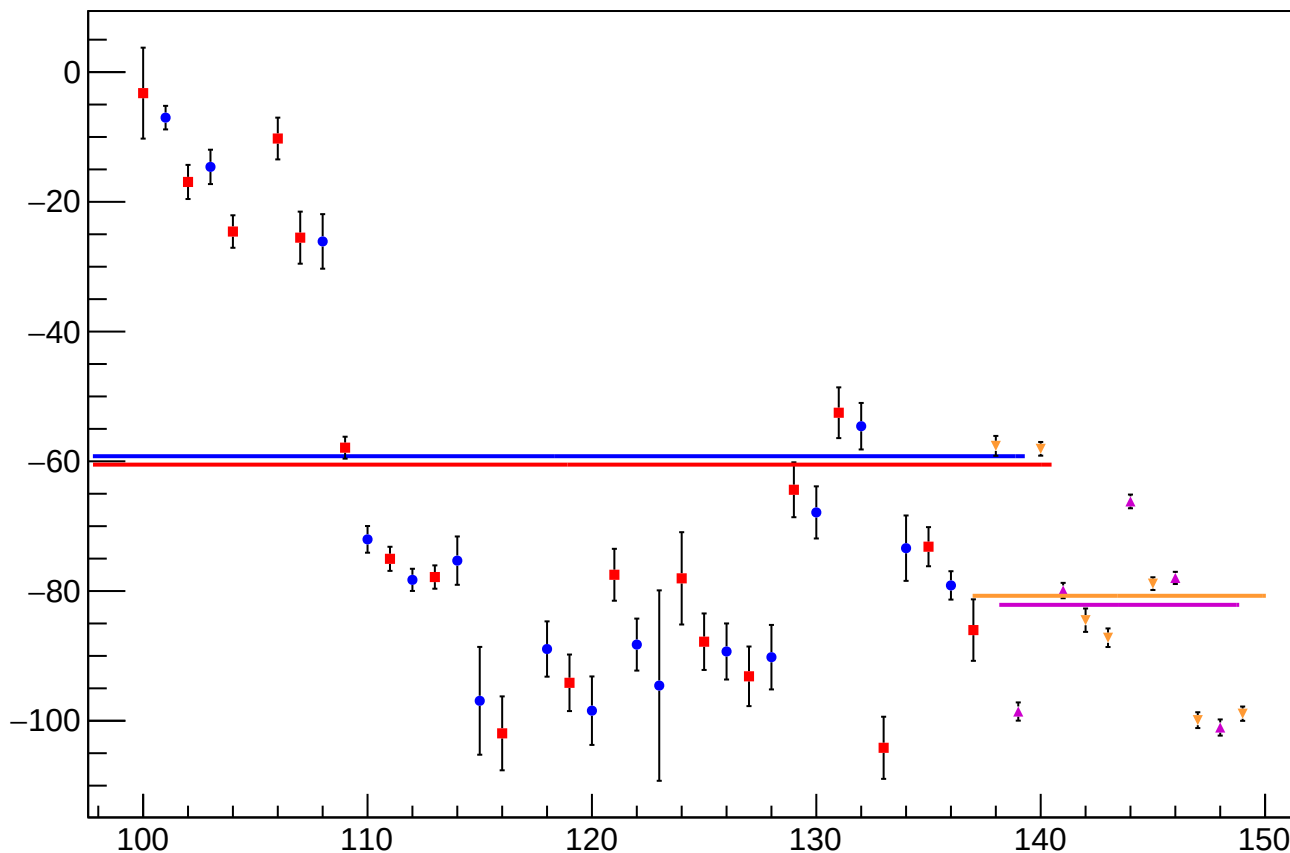
Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35

In: -8.905 ± 0.265 χ^2/NDF : 1935.0/21

Out: -6.828 ± 0.253 χ^2/NDF : 2456.8/25

All: -7.821 ± 0.183 χ^2/NDF : 4424.0/47

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: -80.732 ± 0.464 χ^2/NDF : 1235.7/6

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

Left In: -82.128 ± 0.507 χ^2/NDF : 617.5/4

Left: -81.368 ± 0.342 χ^2/NDF : 1857.3/11

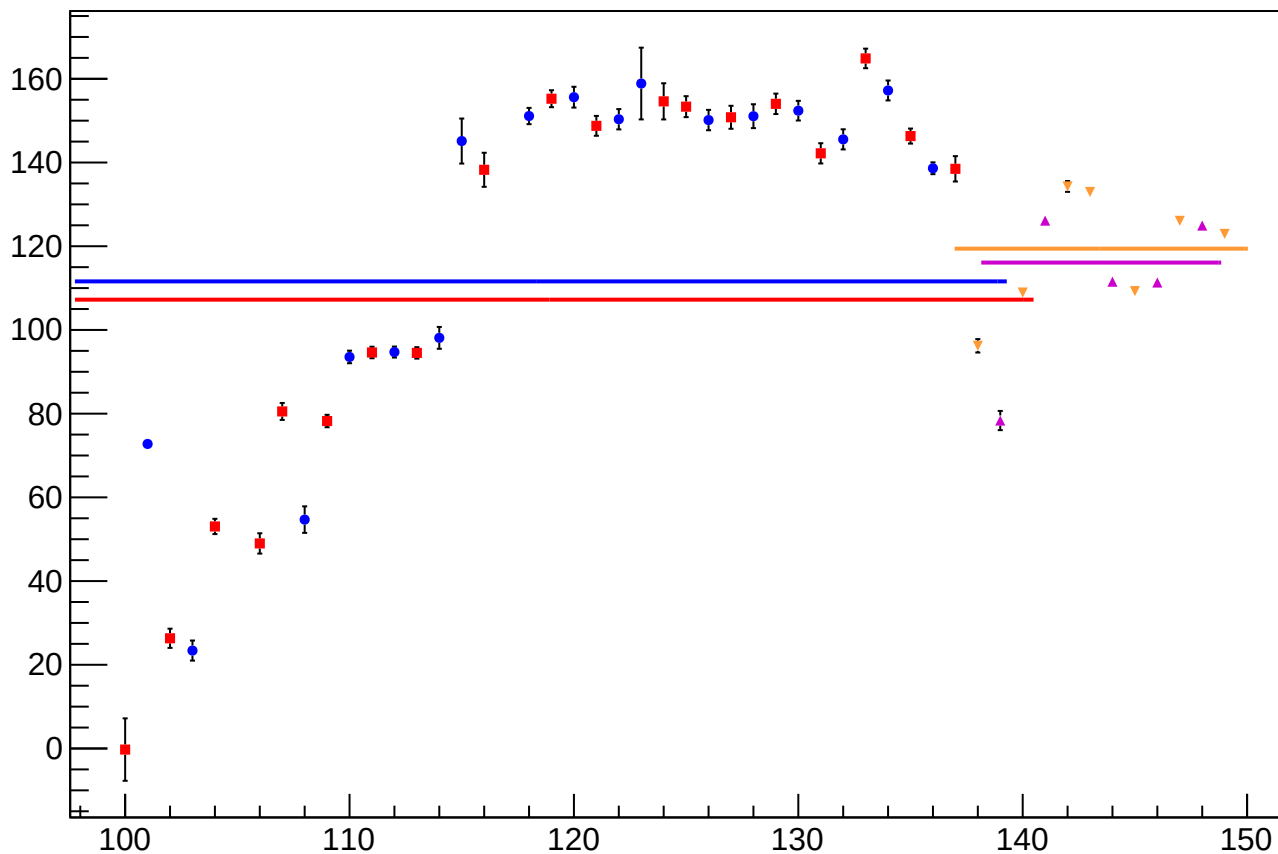
Right: -59.899 ± 0.511 χ^2/NDF : 3105.9/35

In: -74.856 ± 0.419 χ^2/NDF : 2985.8/21

Out: -74.612 ± 0.387 χ^2/NDF : 3194.5/25

All: -74.724 ± 0.284 χ^2/NDF : 6180.5/47

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: 119.422 $\pm$ 0.386 χ^2 /NDF:816.4/6

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

Left In: 116.095 $\pm$ 0.421 χ^2 /NDF:544.6/4

Left: 117.904 $\pm$ 0.285 χ^2 /NDF: 1394.9/11

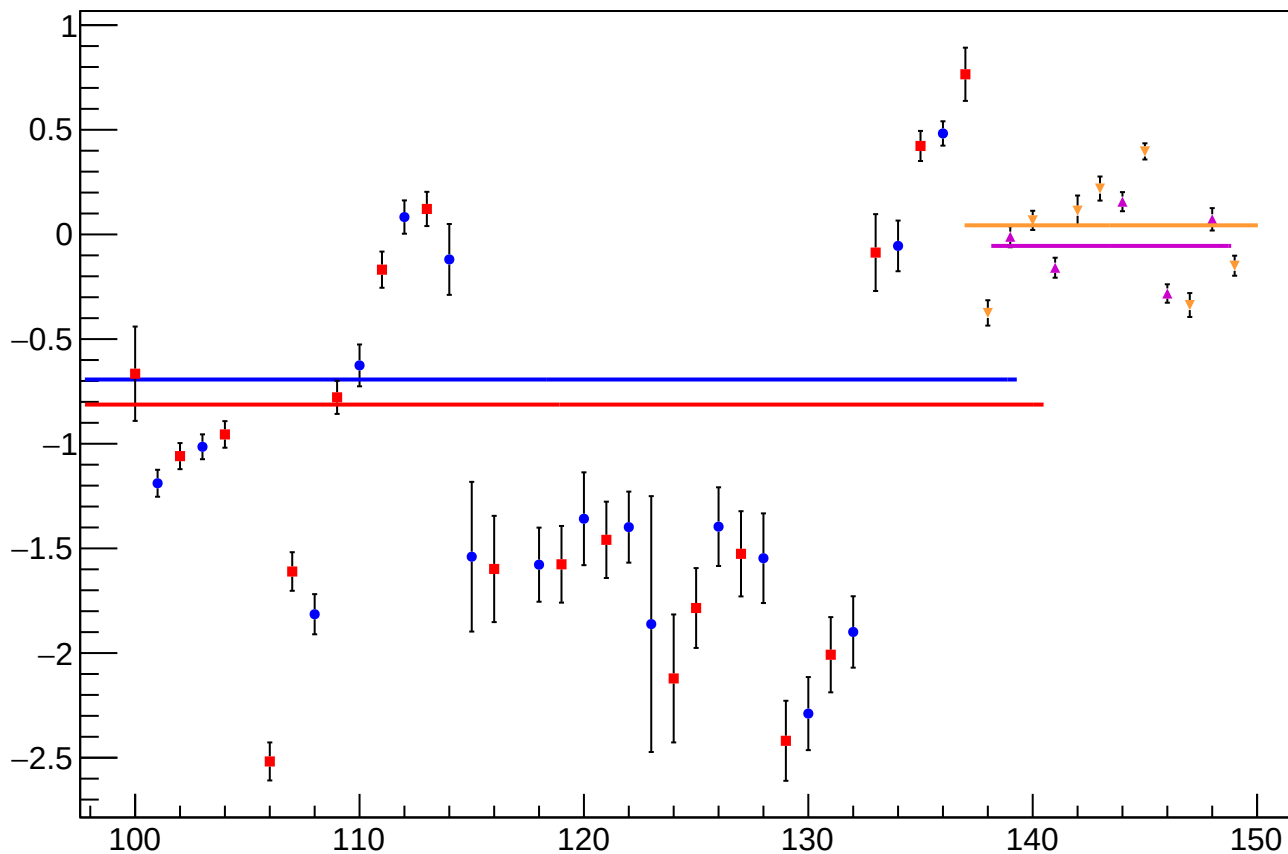
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 114.168 $\pm$ 0.318 χ^2 /NDF:6552.9/21

Out: 114.732 $\pm$ 0.303 χ^2 /NDF:8237.7/25

All: 114.465 $\pm$ 0.219 χ^2 /NDF: 14792.3/47

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: 0.044 ± 0.019 χ^2/NDF : 202.5/6

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: -0.055 ± 0.021 χ^2/NDF : 59.3/4

Left: -0.001 ± 0.014 χ^2/NDF : 273.4/11

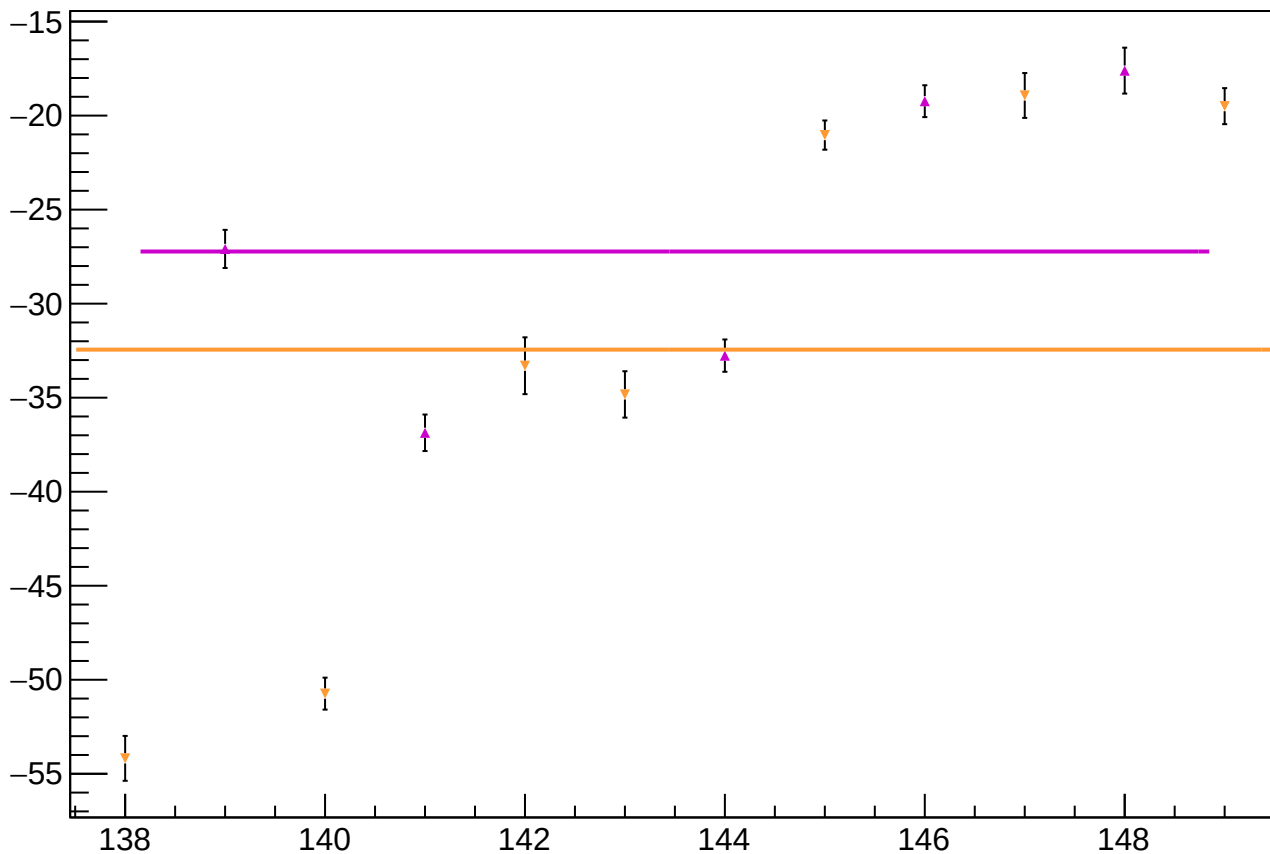
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.315 ± 0.016 χ^2/NDF : 1415.3/21

Out: -0.289 ± 0.015 χ^2/NDF : 2270.1/25

All: -0.301 ± 0.011 χ^2/NDF : 3686.7/47

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: -32.445+/-0.388 χ^2/NDF :1325.7/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -27.228+/-0.428 χ^2/NDF :291.3/4

Left: -30.091+/-0.288 χ^2/NDF : 1698.4/11

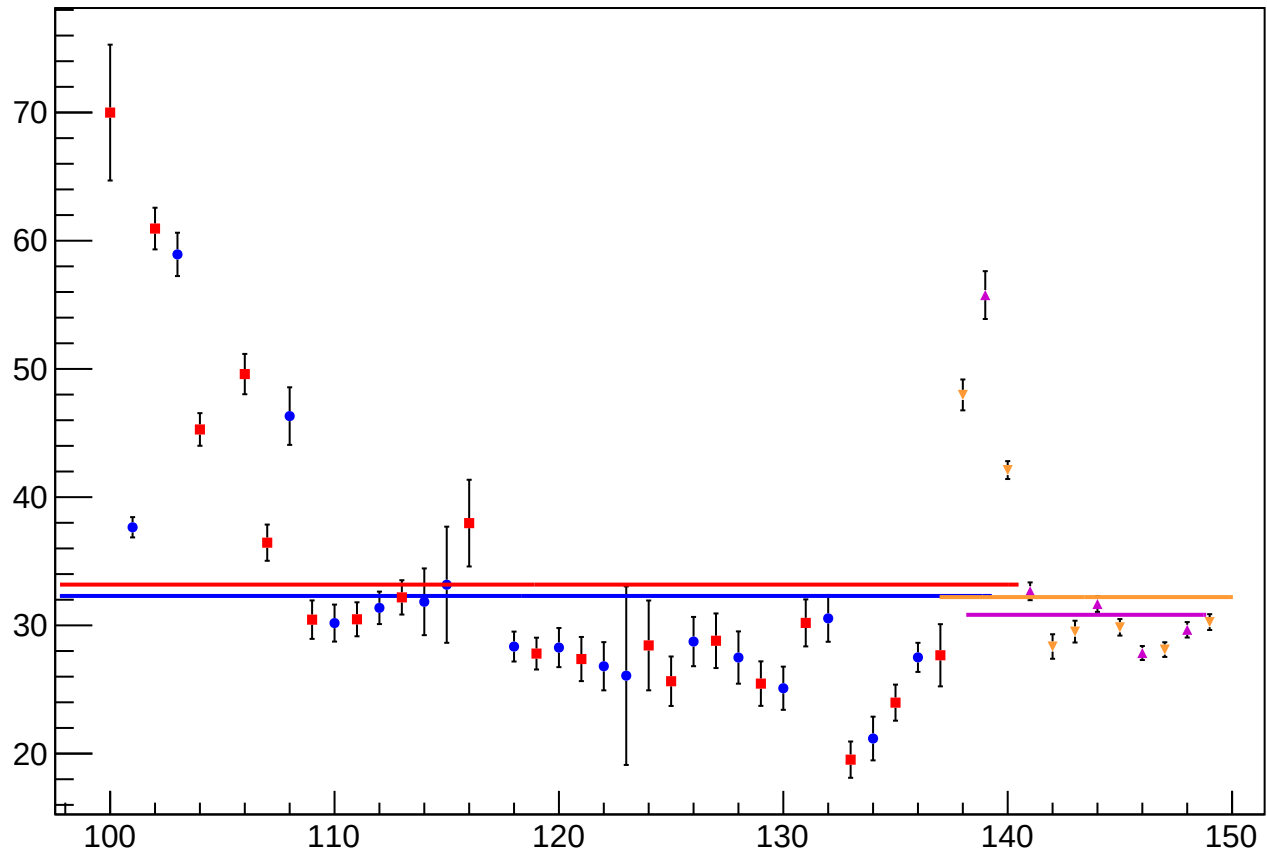
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.228+/-0.428 χ^2/NDF :291.3/4

Out: -32.445+/-0.388 χ^2/NDF :1325.7/6

All: -30.091+/-0.288 χ^2/NDF : 1698.4/11

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 ± 0.373 χ^2/NDF : 452.2/16

Left Out: 32.206 ± 0.274 χ^2/NDF : 474.0/6

Right Out: 33.180 ± 0.379 χ^2/NDF : 770.3/18

Left In: 30.823 ± 0.300 χ^2/NDF : 221.2/4

Left: 31.577 ± 0.202 χ^2/NDF : 706.7/11

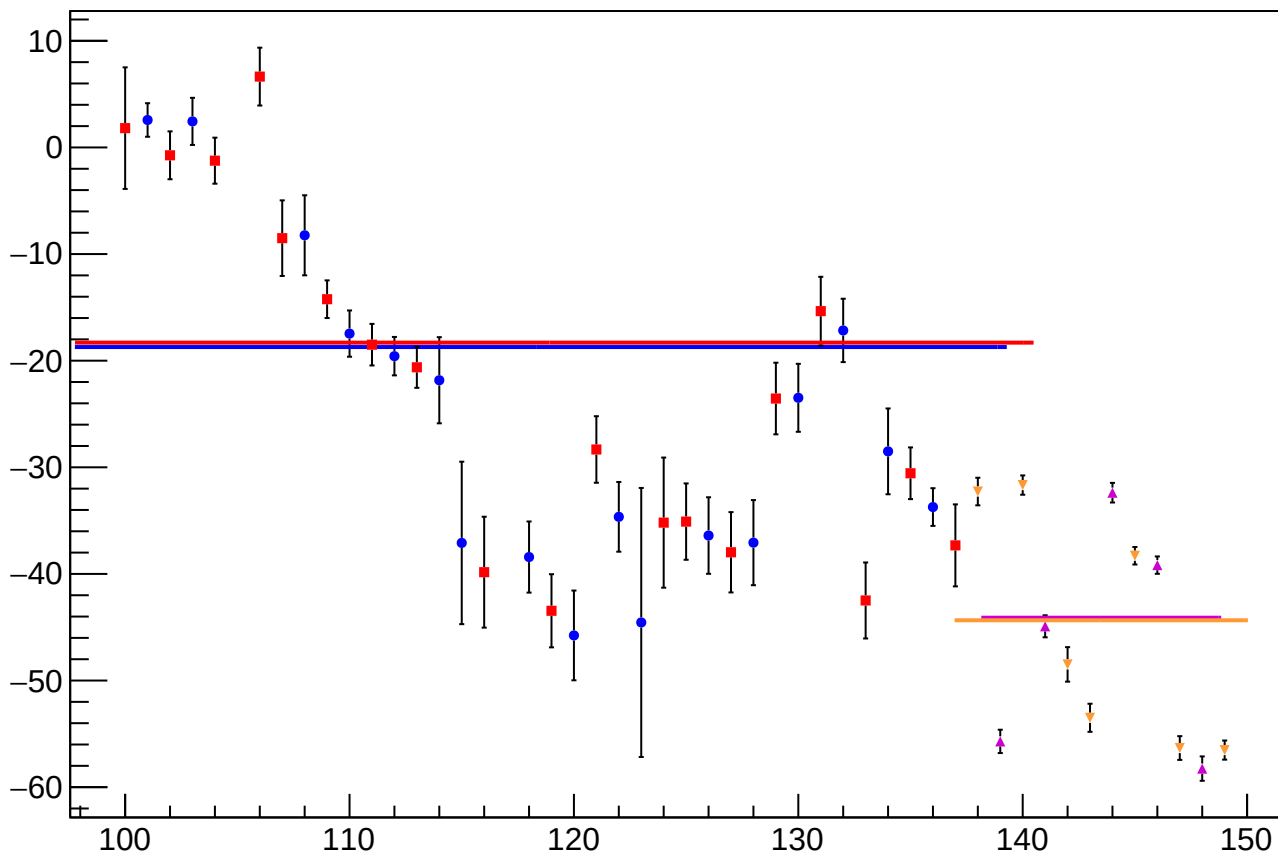
Right: 32.730 ± 0.266 χ^2/NDF : 1225.3/35

In: 31.402 ± 0.234 χ^2/NDF : 682.9/21

Out: 32.540 ± 0.222 χ^2/NDF : 1248.6/25

All: 32.000 ± 0.161 χ^2/NDF : 1943.9/47

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -44.347 ± 0.398 χ^2/NDF : 692.8/6

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

Left In: -44.106 ± 0.437 χ^2/NDF : 464.9/4

Left: -44.238 ± 0.294 χ^2/NDF : 1157.9/11

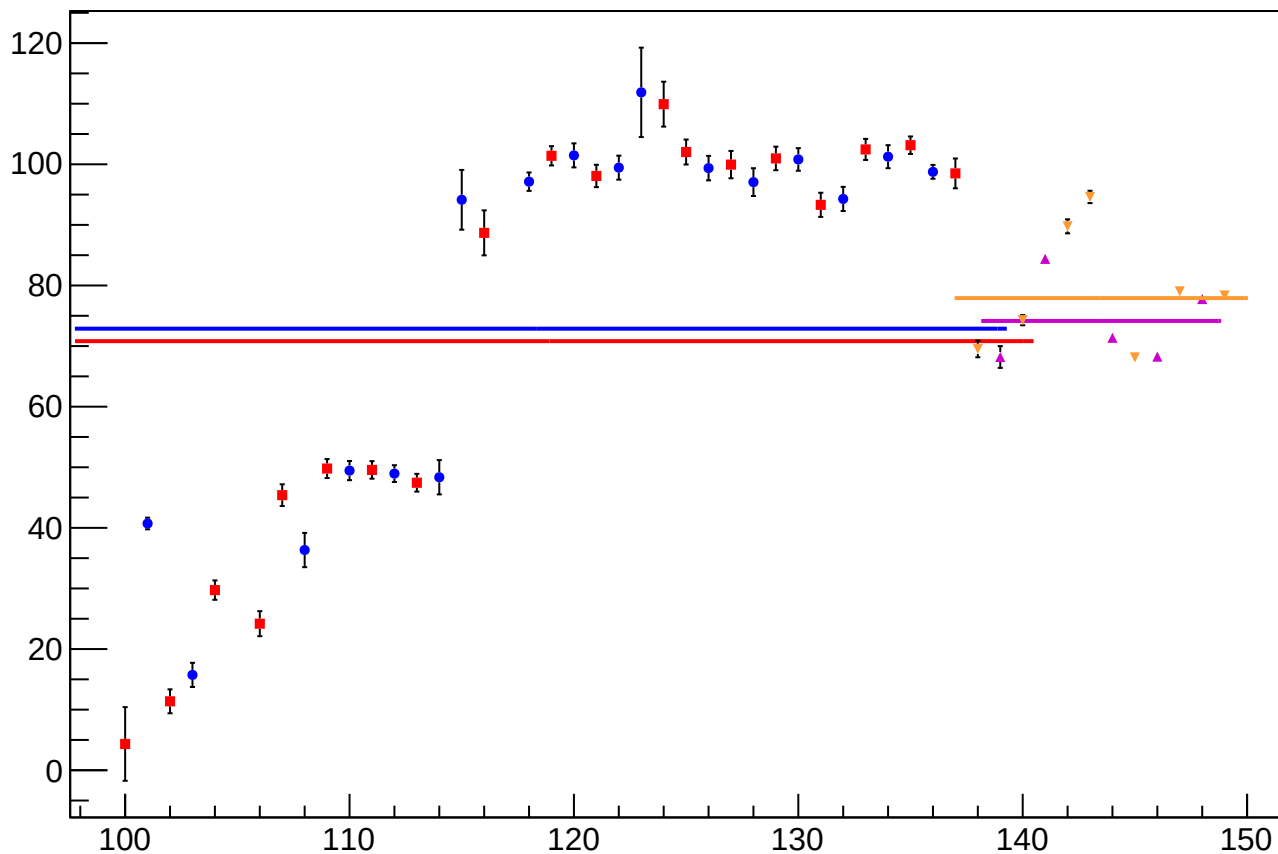
Right: -18.506 ± 0.463 χ^2/NDF : 992.4/35

In: -36.444 ± 0.366 χ^2/NDF : 2000.7/21

Out: -37.145 ± 0.338 χ^2/NDF : 2350.1/25

All: -36.821 ± 0.248 χ^2/NDF : 4352.7/47

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 77.918 $\pm$ 0.335 χ^2 /NDF:605.7/6

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

Left In: 74.148 $\pm$ 0.371 χ^2 /NDF:271.7/4

Left: 76.225 $\pm$ 0.249 χ^2 /NDF: 934.3/11

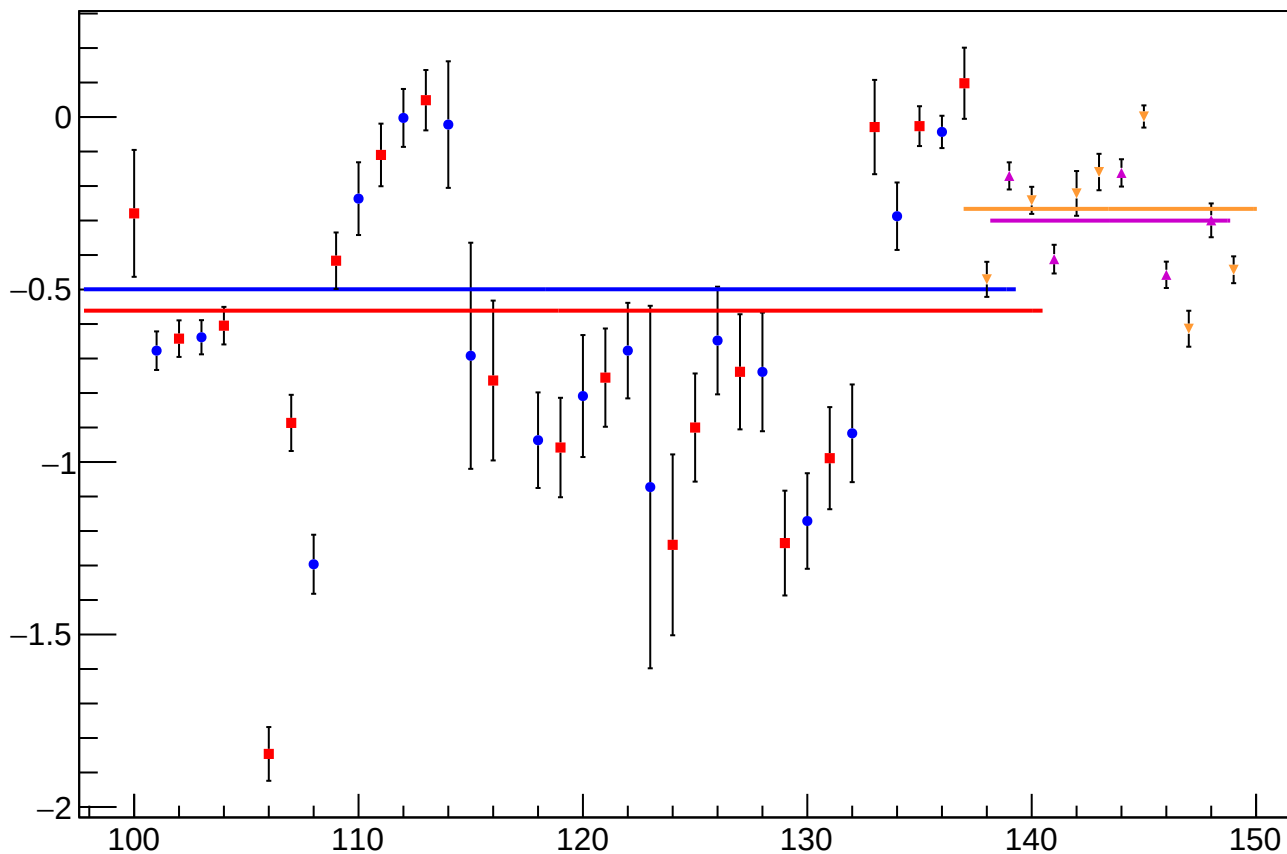
Right: 71.863 $\pm$ 0.304 χ^2 /NDF: 10238.7/35

In: 73.599 $\pm$ 0.280 χ^2 /NDF:5014.7/21

Out: 75.261 $\pm$ 0.265 χ^2 /NDF:6263.2/25

All: 74.475 $\pm$ 0.192 χ^2 /NDF: 11296.5/47

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: -0.266 ± 0.017 χ^2/NDF : 155.4/6

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.300 ± 0.018 χ^2/NDF : 47.2/4

Left: -0.282 ± 0.012 χ^2/NDF : 204.5/11

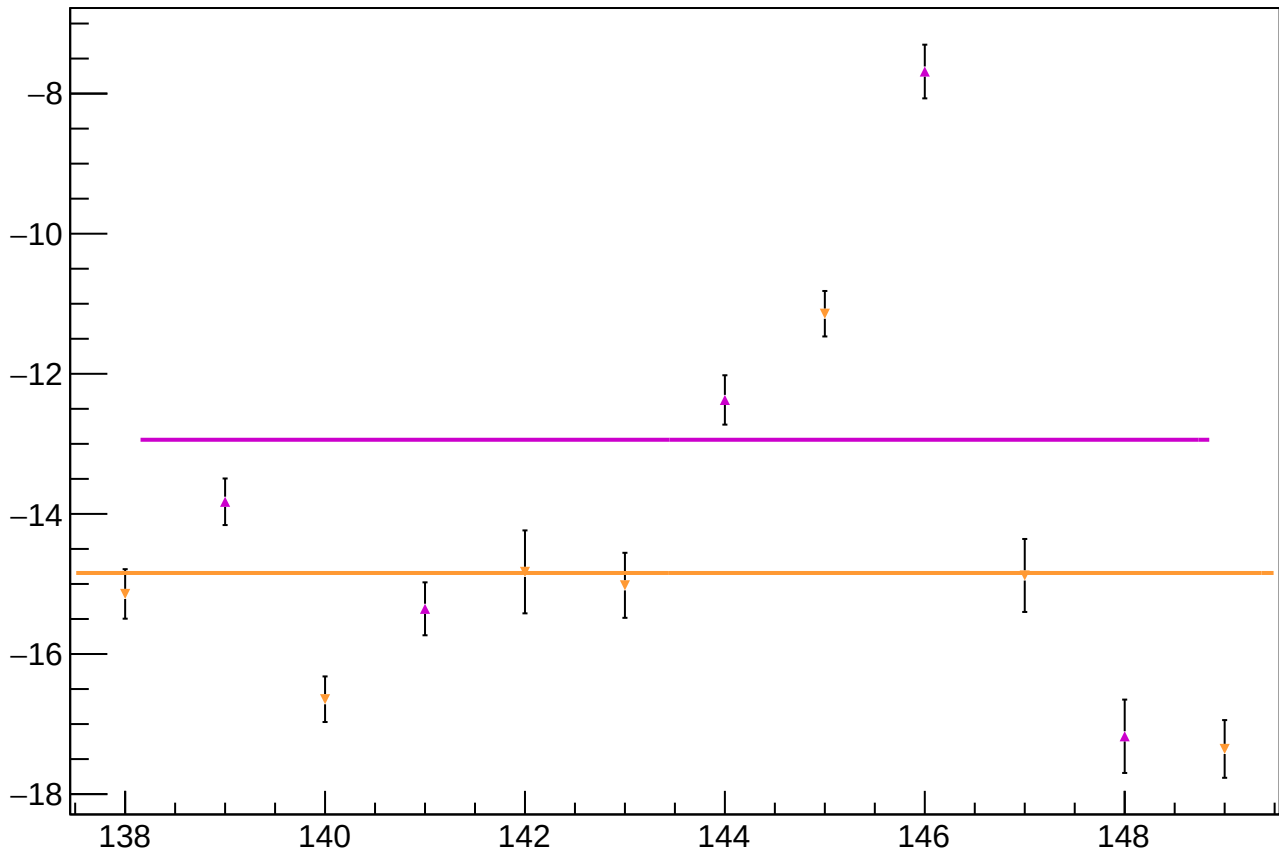
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.381 ± 0.014 χ^2/NDF : 398.1/21

Out: -0.377 ± 0.013 χ^2/NDF : 836.5/25

All: -0.379 ± 0.010 χ^2/NDF : 1234.7/47

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: -14.843+/-0.151 χ^2/NDF :198.7/6

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

Left In: -12.942+/-0.170 χ^2/NDF :303.9/4

Left: -14.007+/-0.113 χ^2/NDF : 572.6/11

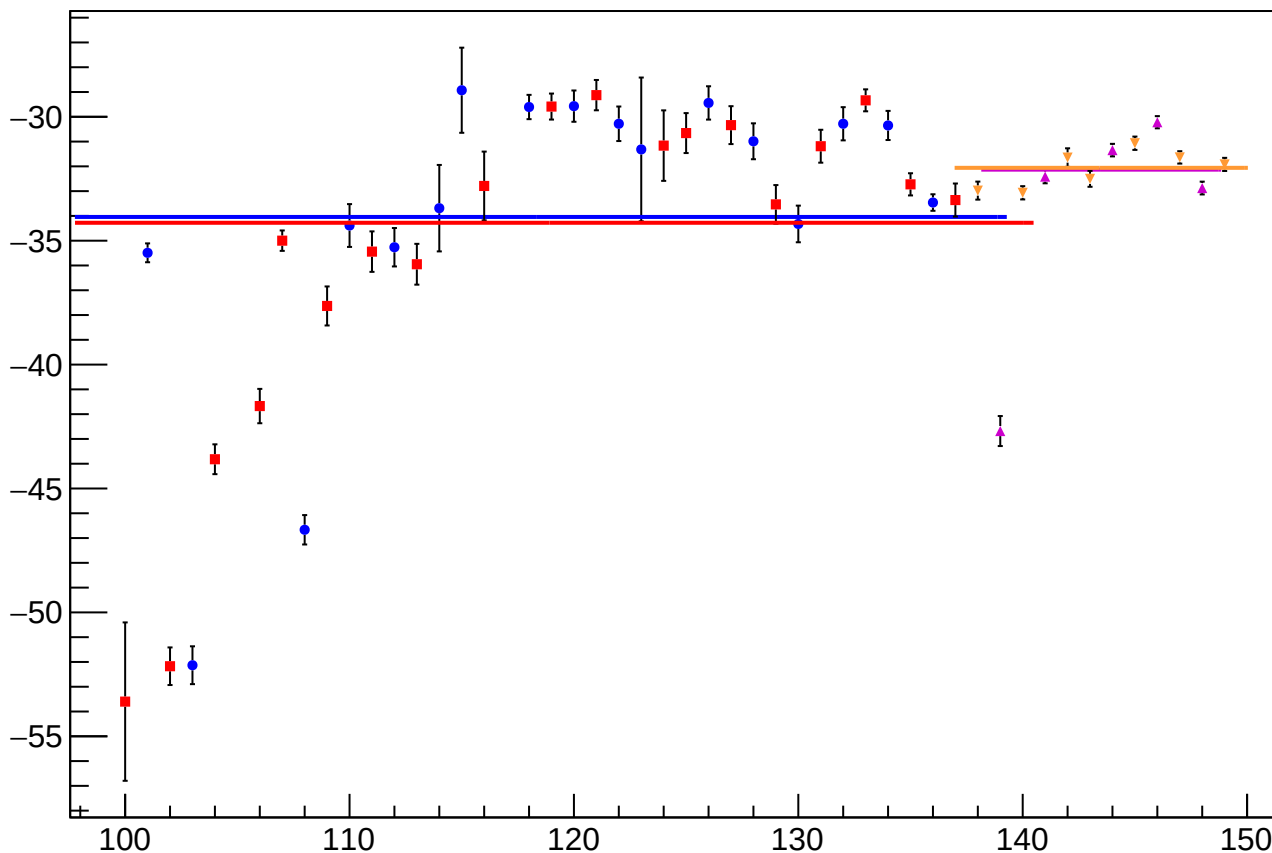
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.942+/-0.170 χ^2/NDF :303.9/4

Out: -14.843+/-0.151 χ^2/NDF :198.7/6

All: -14.007+/-0.113 χ^2/NDF : 572.6/11

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: -32.059 ± 0.110 χ^2/NDF : 40.4/6

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

Left In: -32.133 ± 0.126 χ^2/NDF : 382.8/4

Left: -32.091 ± 0.083 χ^2/NDF : 423.4/11

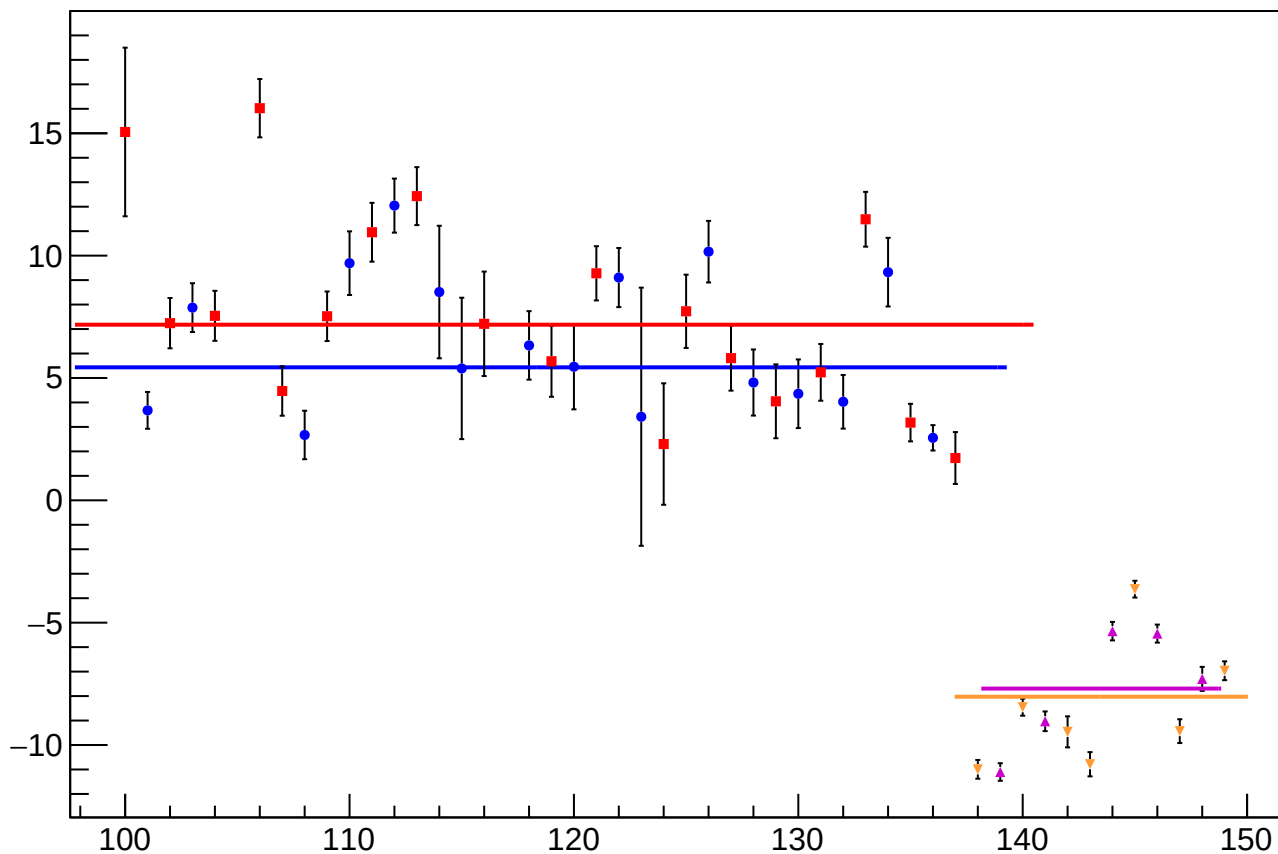
Right: -34.159 ± 0.107 χ^2/NDF : 2691.4/35

In: -32.915 ± 0.096 χ^2/NDF : 1818.3/21

Out: -32.831 ± 0.089 χ^2/NDF : 1530.8/25

All: -32.870 ± 0.065 χ^2/NDF : 3349.5/47

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -8.027 ± 0.156 χ^2/NDF : 277.8/6

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

Left In: -7.694 ± 0.175 χ^2/NDF : 177.6/4

Left: -7.880 ± 0.117 χ^2/NDF : 457.4/11

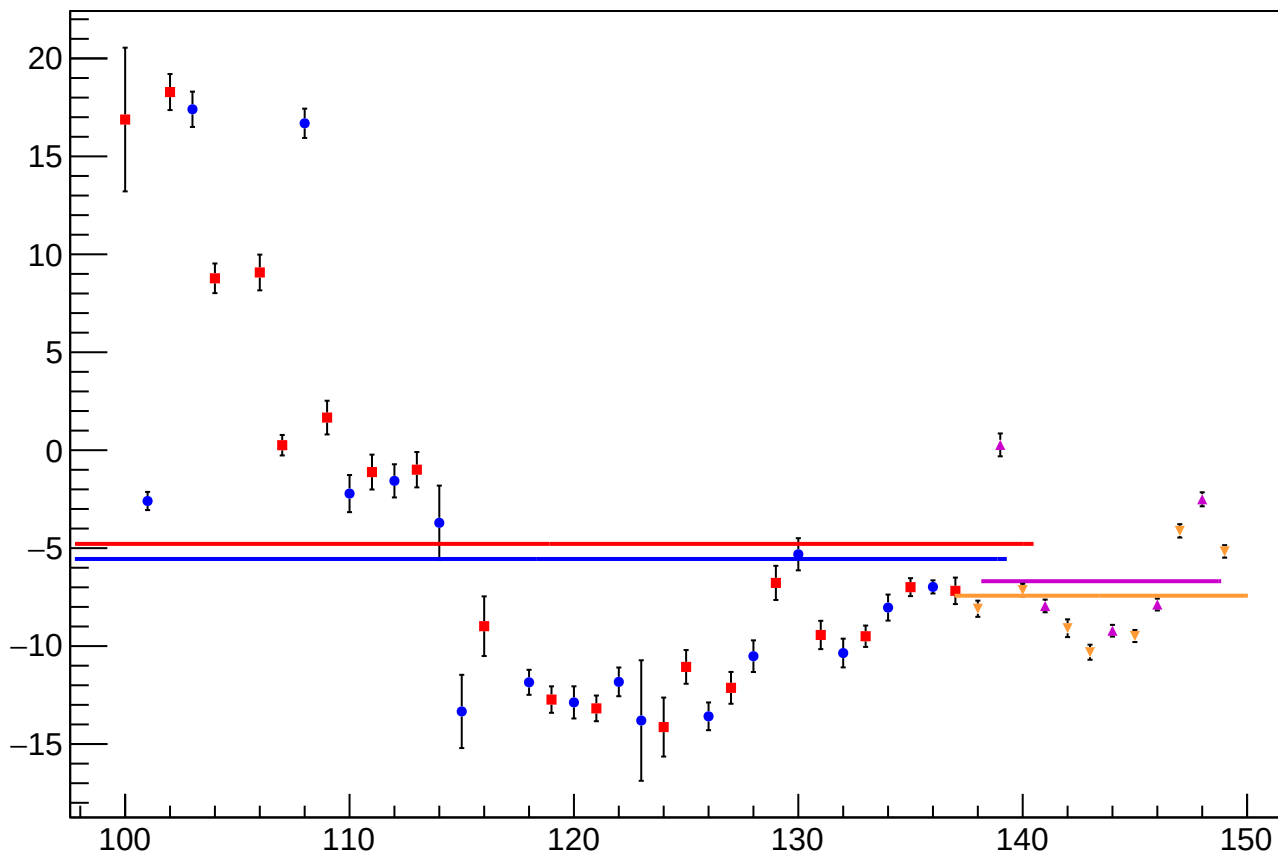
Right: 6.291 ± 0.192 χ^2/NDF : 335.1/35

In: -3.787 ± 0.147 χ^2/NDF : 1975.8/21

Out: -4.313 ± 0.136 χ^2/NDF : 2784.4/25

All: -4.071 ± 0.100 χ^2/NDF : 4767.0/47

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -7.427 ± 0.134 $\chi^2/\text{NDF}: 261.2/6$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

Left In: -6.688 ± 0.154 $\chi^2/\text{NDF}: 380.5/4$

Left: -7.109 ± 0.101 $\chi^2/\text{NDF}: 654.9/11$

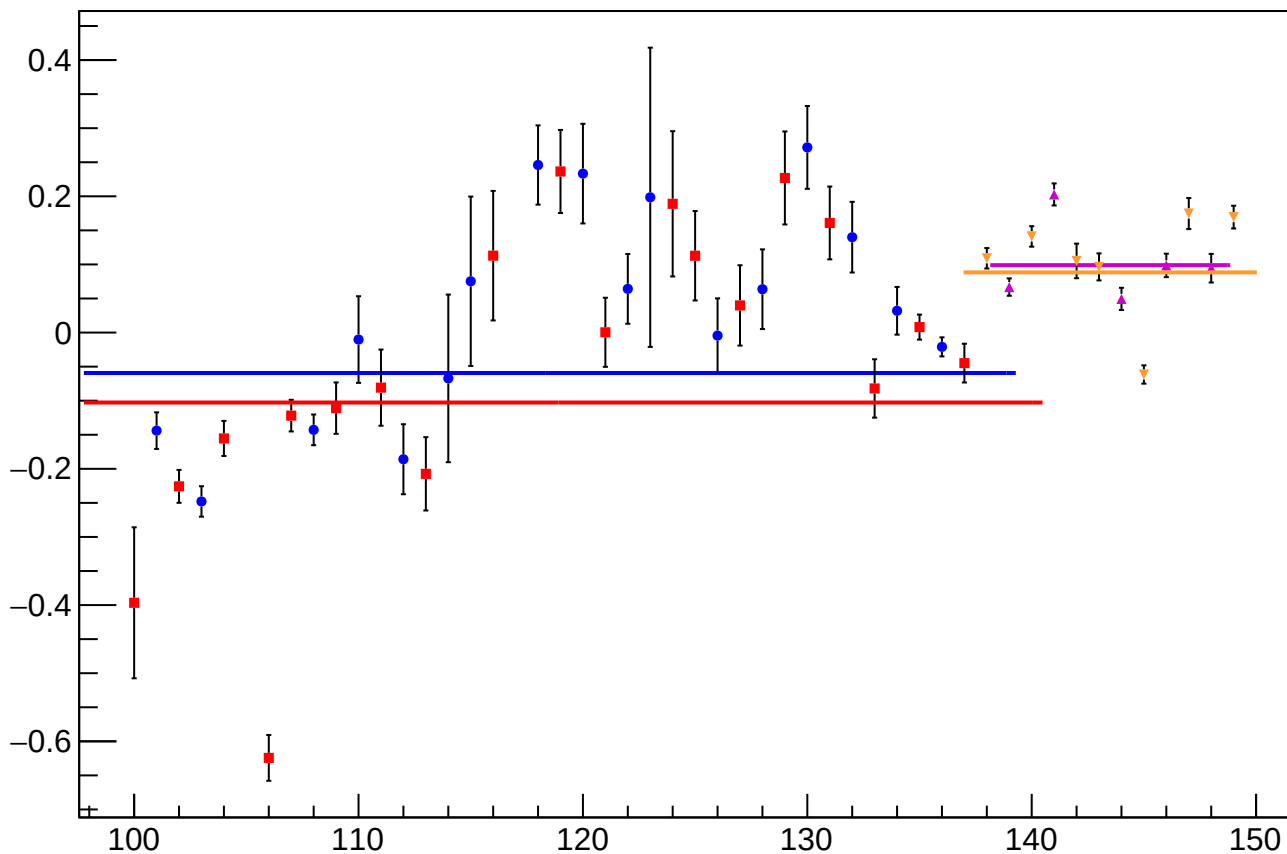
Right: -5.174 ± 0.121 $\chi^2/\text{NDF}: 4175.8/35$

In: -6.176 ± 0.114 $\chi^2/\text{NDF}: 2530.3/21$

Out: -6.437 ± 0.106 $\chi^2/\text{NDF}: 2448.2/25$

All: -6.316 ± 0.078 $\chi^2/\text{NDF}: 4981.3/47$

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: 0.088 ± 0.006 χ^2/NDF : 177.0/6

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.099 ± 0.007 χ^2/NDF : 56.8/4

Left: 0.093 ± 0.005 χ^2/NDF : 235.0/11

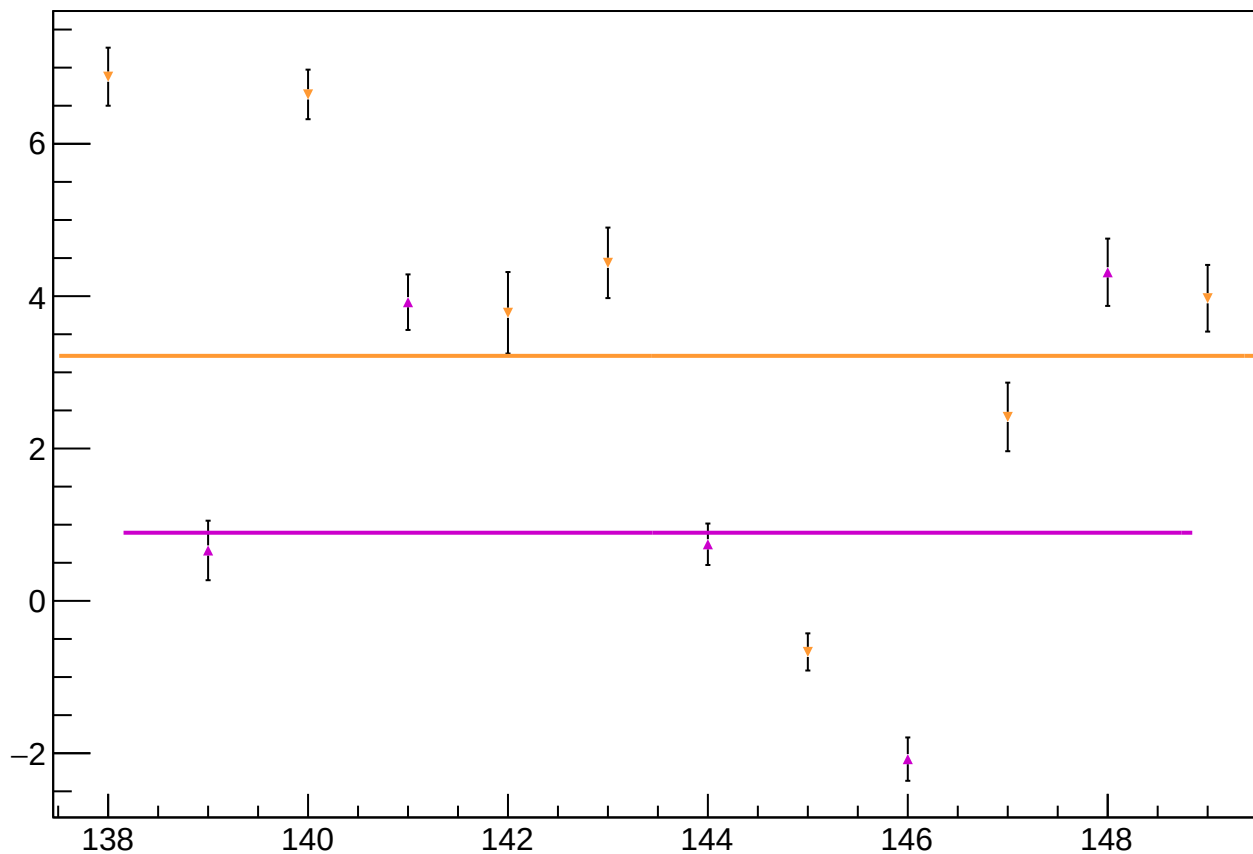
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.032 ± 0.005 χ^2/NDF : 479.7/21

Out: 0.018 ± 0.005 χ^2/NDF : 936.7/25

All: 0.024 ± 0.004 χ^2/NDF : 1420.1/47

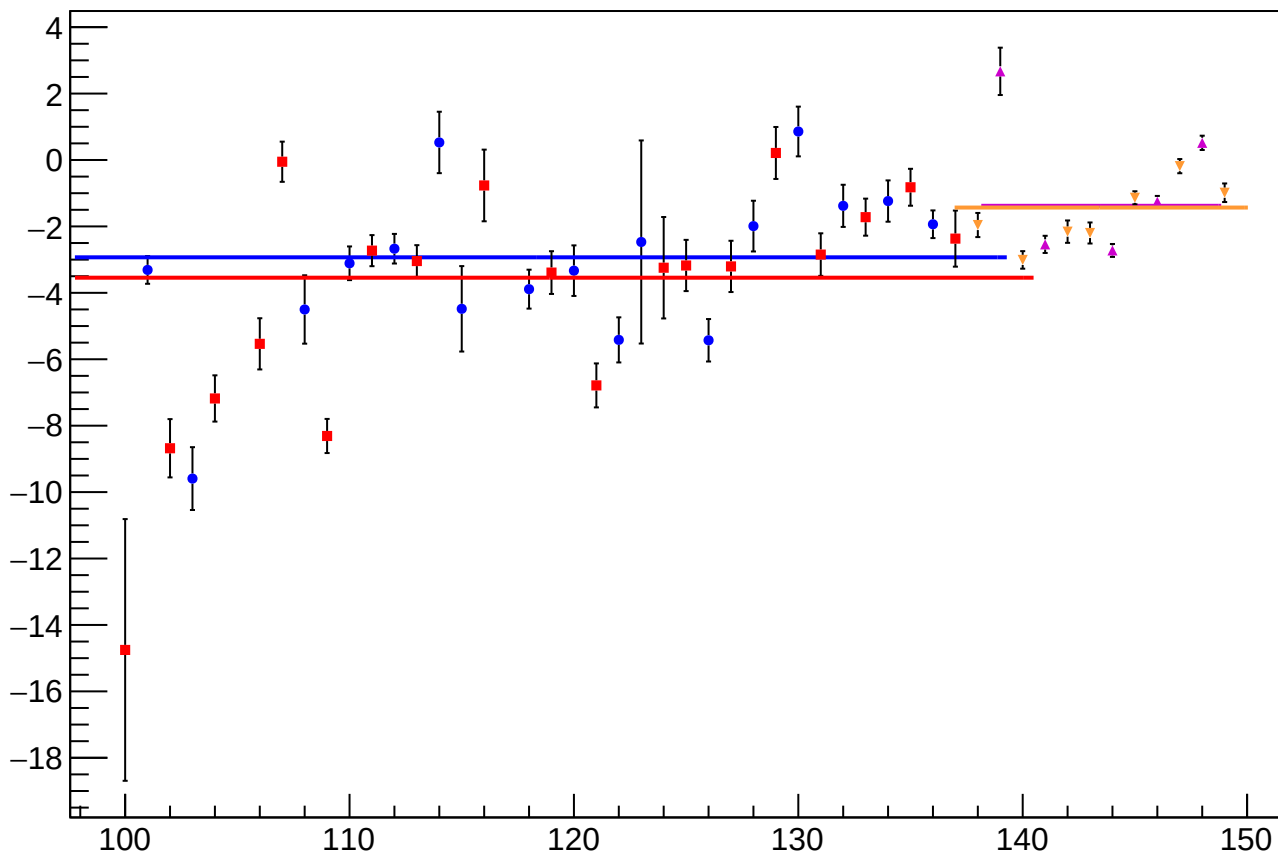
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.216 $\pm$ 0.139 χ^2 /NDF:472.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.895 $\pm$ 0.149 χ^2 /NDF:238.6/4

Left: 2.133 $\pm$ 0.102 χ^2 /NDF: 840.1/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.895 $\pm$ 0.149 χ^2 /NDF:238.6/4
 Out: 3.216 $\pm$ 0.139 χ^2 /NDF:472.0/6
 All: 2.133 $\pm$ 0.102 χ^2 /NDF: 840.1/11

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: -1.432 ± 0.099 χ^2/NDF : 87.1/6

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: -1.379 ± 0.101 χ^2/NDF : 178.2/4

Left: -1.406 ± 0.071 χ^2/NDF : 265.4/11

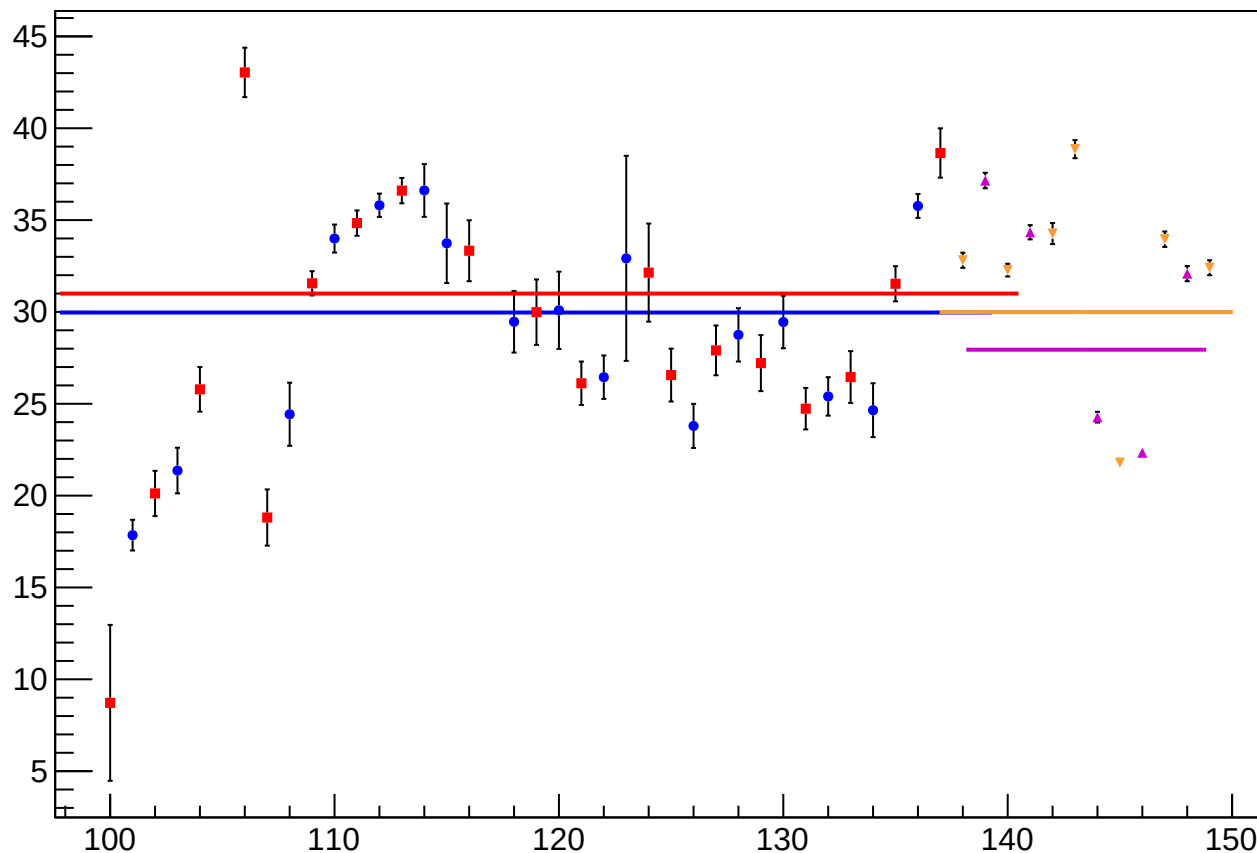
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -1.847 ± 0.085 χ^2/NDF : 395.7/21

Out: -2.049 ± 0.084 χ^2/NDF : 510.8/25

All: -1.949 ± 0.059 χ^2/NDF : 909.3/47

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 29.998 $\pm$ 0.145 χ^2 /NDF:1588.8/6

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

Left In: 27.944 $\pm$ 0.152 χ^2 /NDF:1428.3/4

Left: 29.022 $\pm$ 0.105 χ^2 /NDF: 3113.0/11

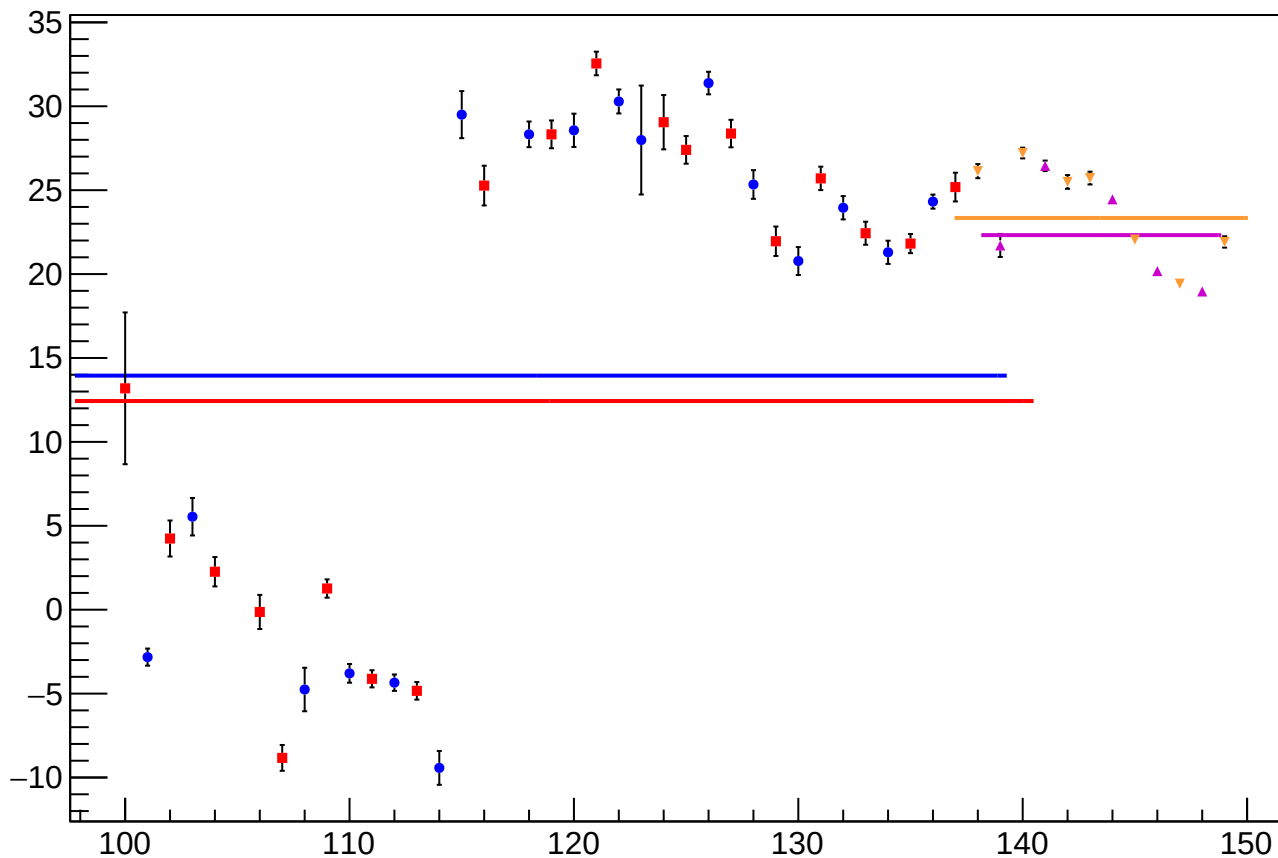
Right: 30.497 $\pm$ 0.186 χ^2 /NDF: 1041.5/35

In: 28.440 $\pm$ 0.132 χ^2 /NDF:2026.2/21

Out: 30.235 $\pm$ 0.126 χ^2 /NDF:2079.6/25

All: 29.377 $\pm$ 0.091 χ^2 /NDF: 4202.1/47

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: 23.345 $\pm$ 0.121 χ^2 /NDF:483.9/6

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 22.321 $\pm$ 0.126 χ^2 /NDF:481.4/4

Left: 22.853 $\pm$ 0.087 χ^2 /NDF: 999.5/11

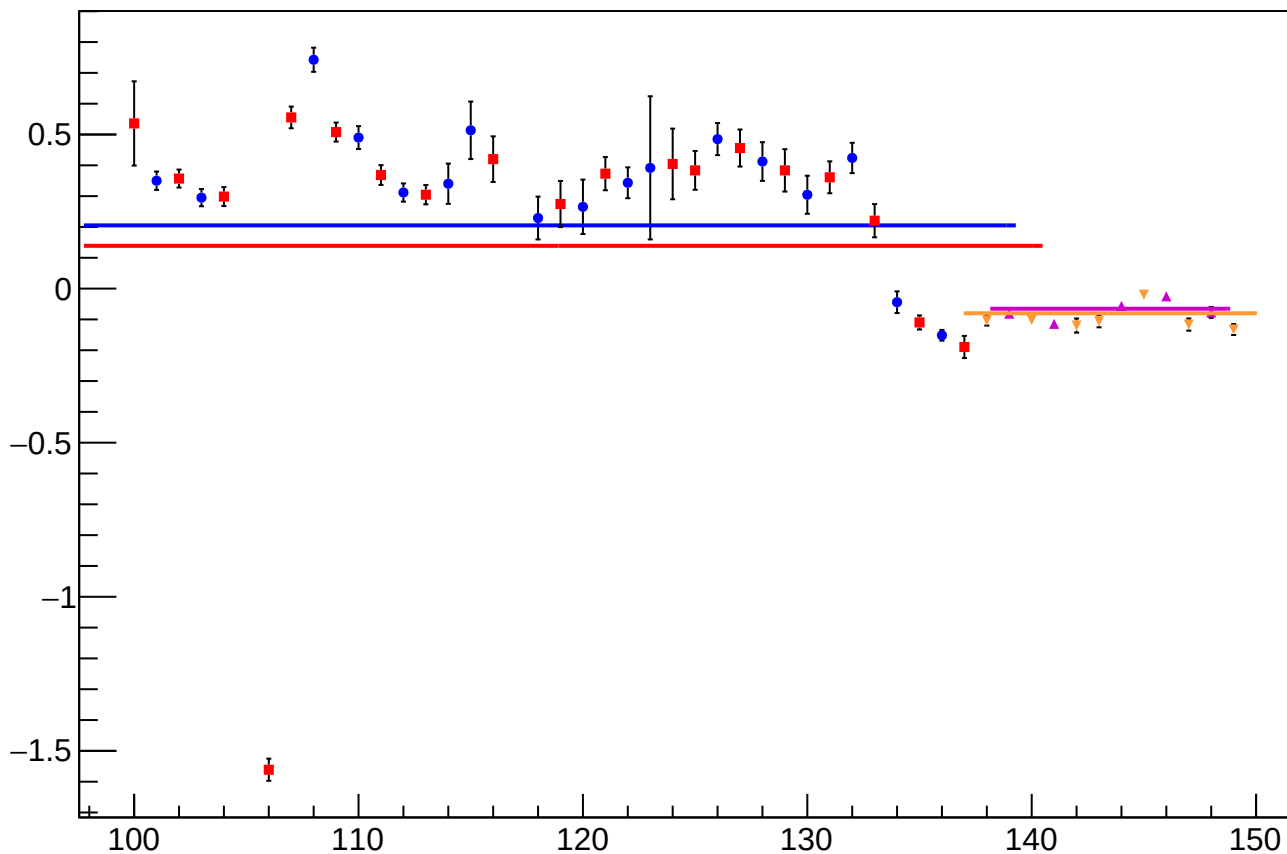
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 19.395 $\pm$ 0.102 χ^2 /NDF:9415.6/21

Out: 19.769 $\pm$ 0.099 χ^2 /NDF:10099.7/25

All: 19.586 $\pm$ 0.071 χ^2 /NDF: 19522.2/47

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: -0.080 $\pm$ 0.006 χ^2 /NDF: 56.1/6

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

Left In: -0.065 $\pm$ 0.006 χ^2 /NDF: 22.0/4

Left: -0.073 $\pm$ 0.004 χ^2 /NDF: 80.9/11

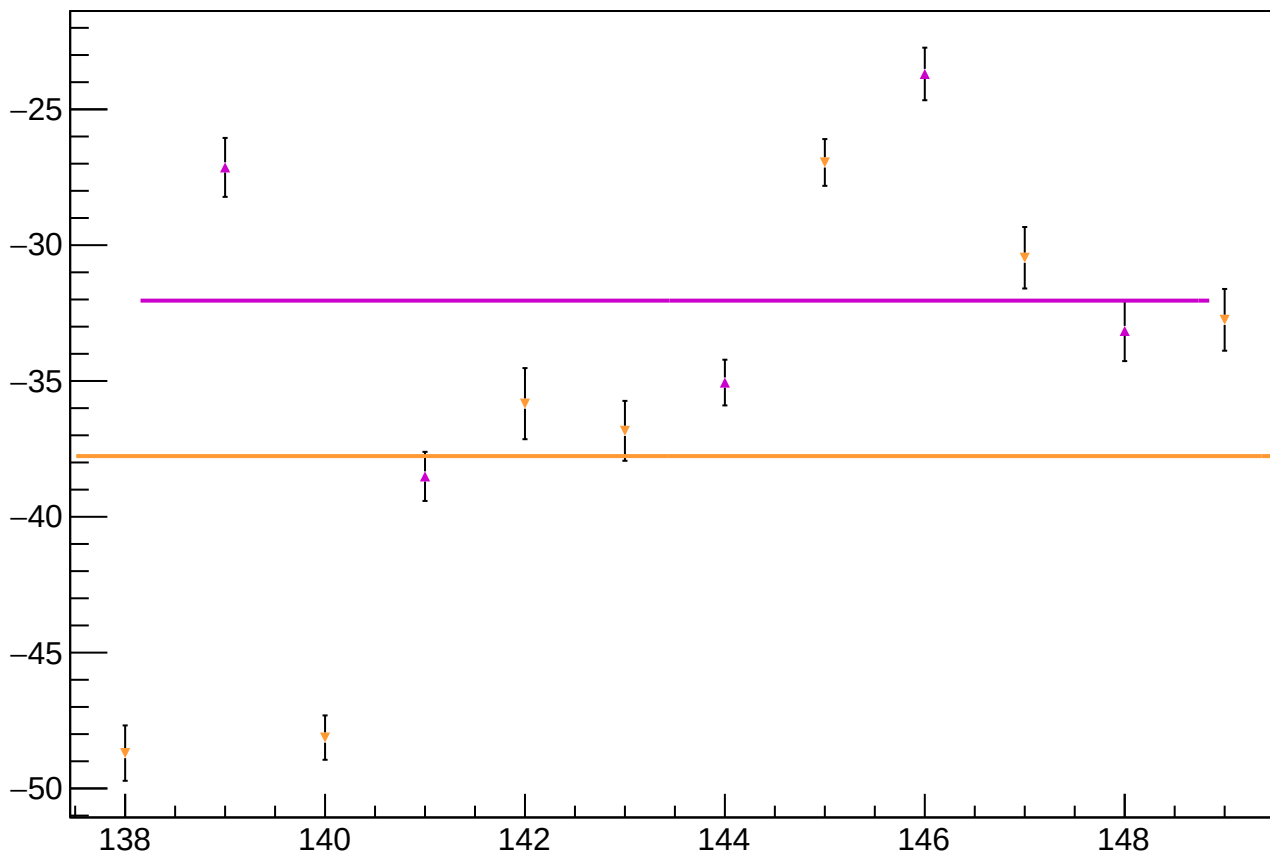
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.021 $\pm$ 0.005 χ^2 /NDF: 1435.9/21

Out: -0.015 $\pm$ 0.005 χ^2 /NDF: 3471.2/25

All: 0.002 $\pm$ 0.004 χ^2 /NDF: 4931.6/47

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: -37.765+/-0.384 χ^2/NDF :498.0/6

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

Left In: -32.042+/-0.432 χ^2/NDF :159.9/4

Left: -35.236+/-0.287 χ^2/NDF : 755.9/11

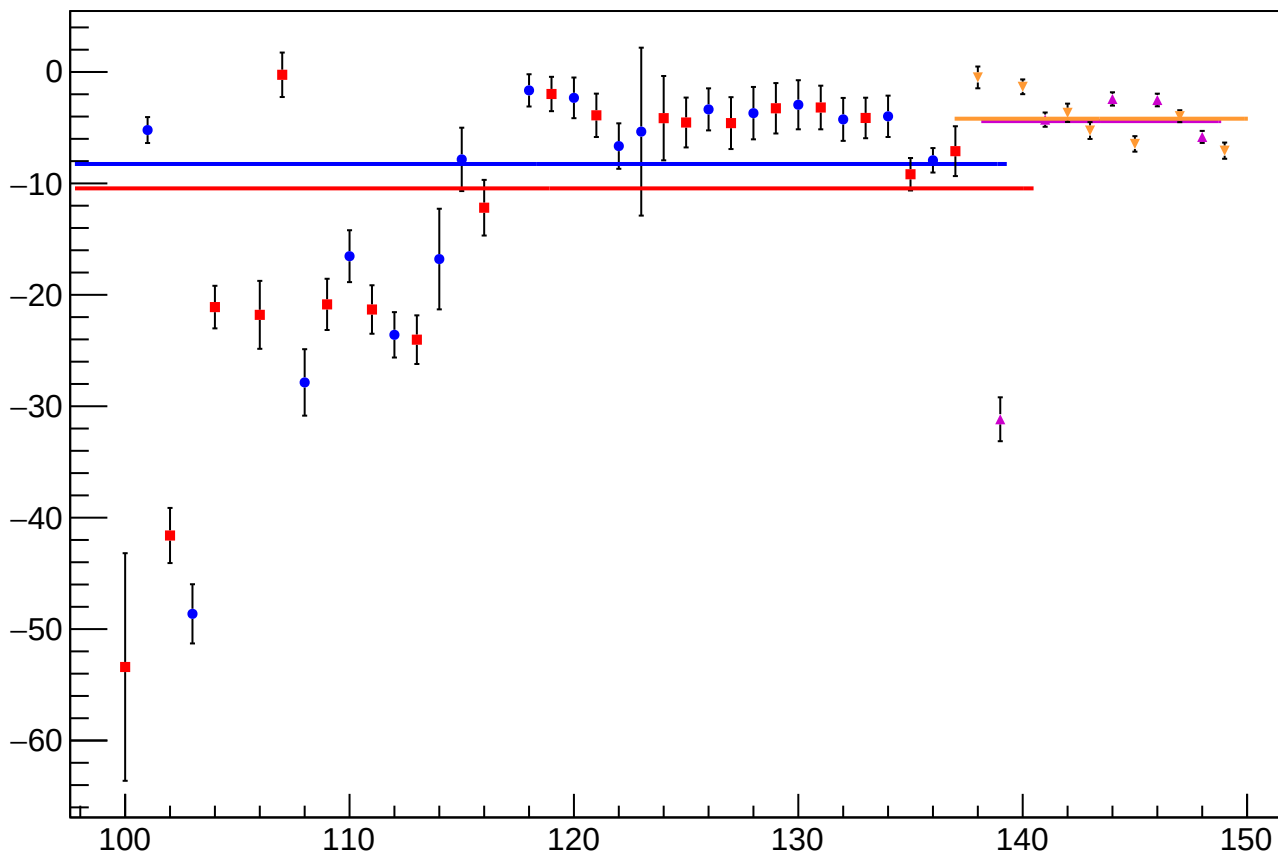
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.042+/-0.432 χ^2/NDF :159.9/4

Out: -37.765+/-0.384 χ^2/NDF :498.0/6

All: -35.236+/-0.287 χ^2/NDF : 755.9/11

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: -4.192 ± 0.267 χ^2/NDF : 61.8/6

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

Left In: -4.409 ± 0.288 χ^2/NDF : 213.5/4

Left: -4.292 ± 0.196 χ^2/NDF : 275.7/11

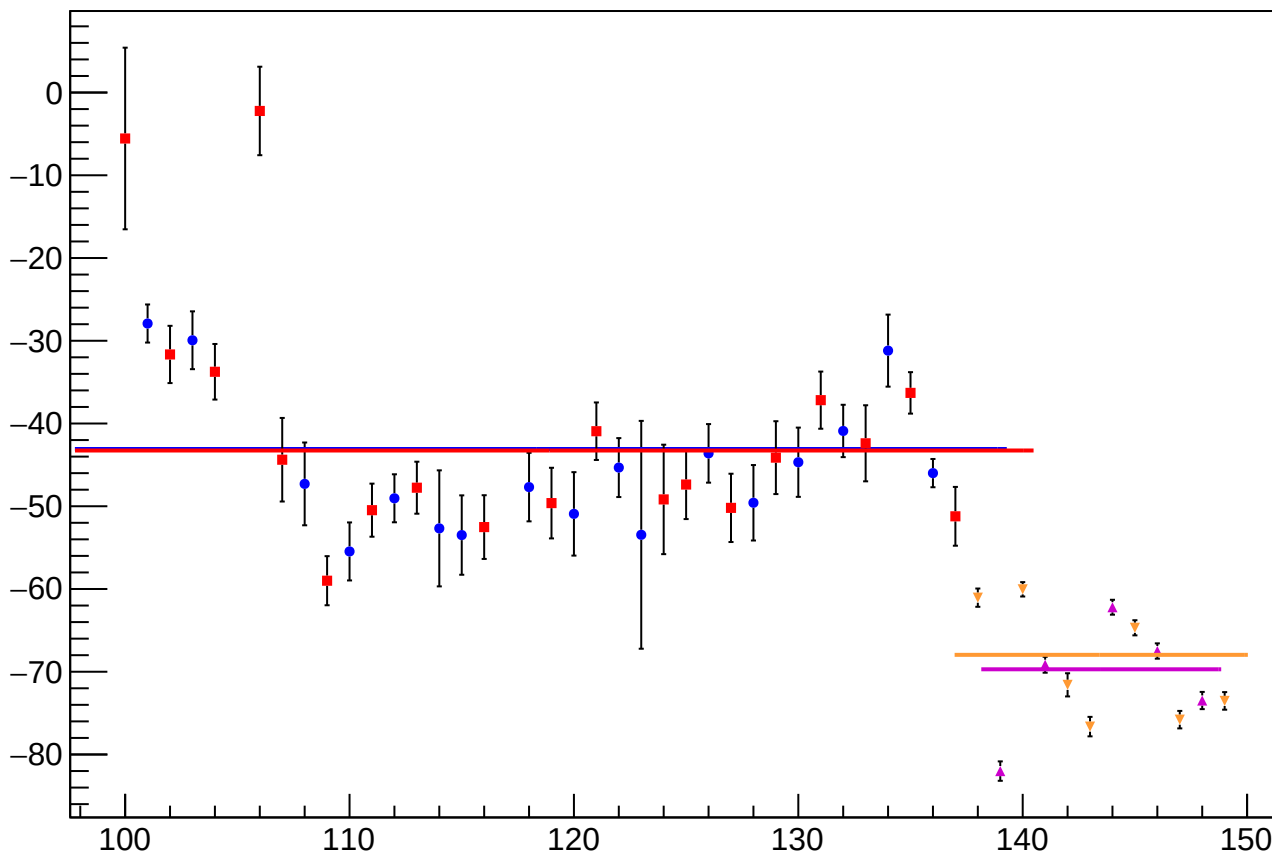
Right: -9.285 ± 0.337 χ^2/NDF : 851.1/35

In: -5.488 ± 0.245 χ^2/NDF : 675.5/21

Out: -5.620 ± 0.235 χ^2/NDF : 615.4/25

All: -5.557 ± 0.169 χ^2/NDF : 1291.1/47

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: -67.958 ± 0.397 $\chi^2/\text{NDF}: 278.3/6$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -69.705 ± 0.442 $\chi^2/\text{NDF}: 198.4/4$

Left: -68.739 ± 0.295 $\chi^2/\text{NDF}: 485.4/11$

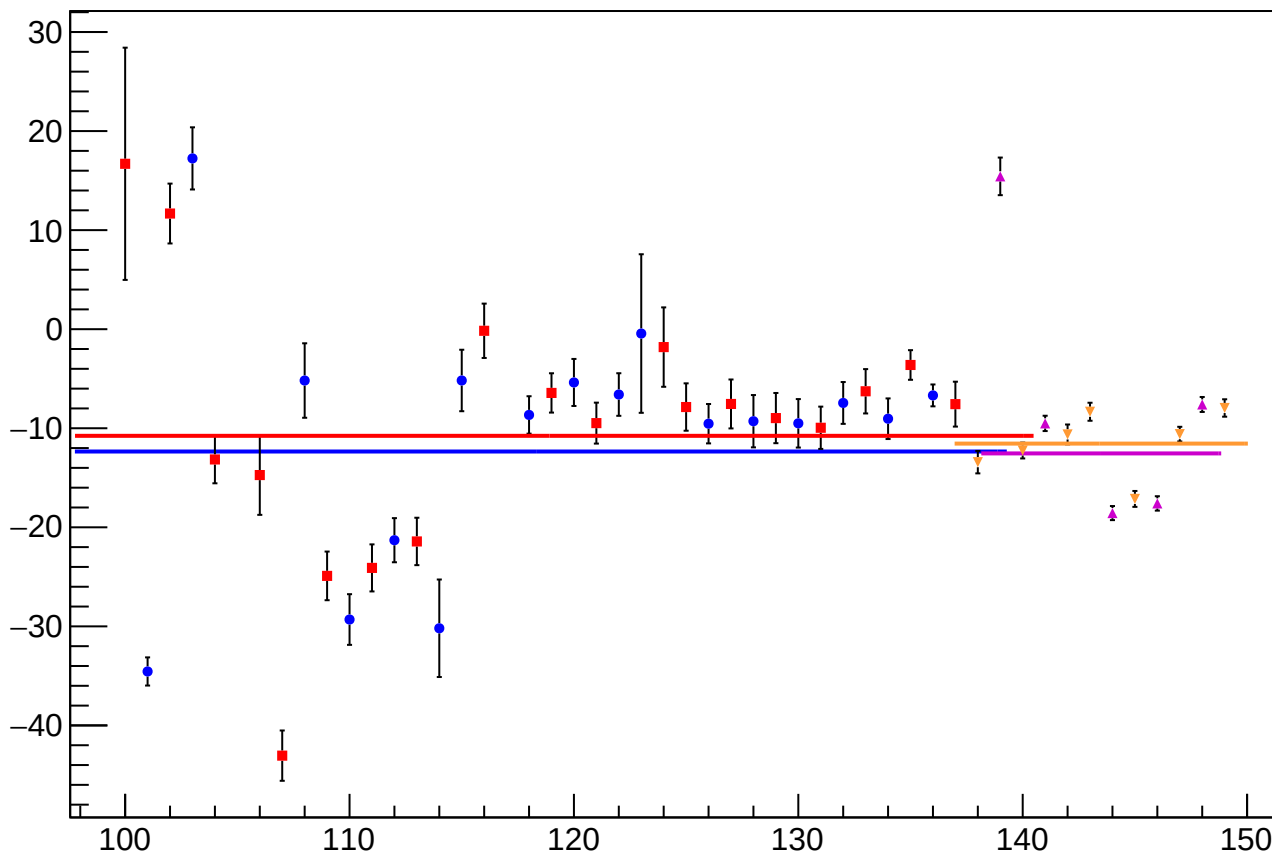
Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$

In: -63.880 ± 0.390 $\chi^2/\text{NDF}: 1093.2/21$

Out: -63.677 ± 0.361 $\chi^2/\text{NDF}: 1104.1/25$

All: -63.770 ± 0.265 $\chi^2/\text{NDF}: 2197.4/47$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Left Out: -11.550 ± 0.329 $\chi^2/\text{NDF}: 83.7/6$

Right Out: -10.765 ± 0.554 $\chi^2/\text{NDF}: 366.6/18$

Left In: -12.541 ± 0.363 $\chi^2/\text{NDF}: 395.3/4$

Left: -11.996 ± 0.244 $\chi^2/\text{NDF}: 483.1/11$

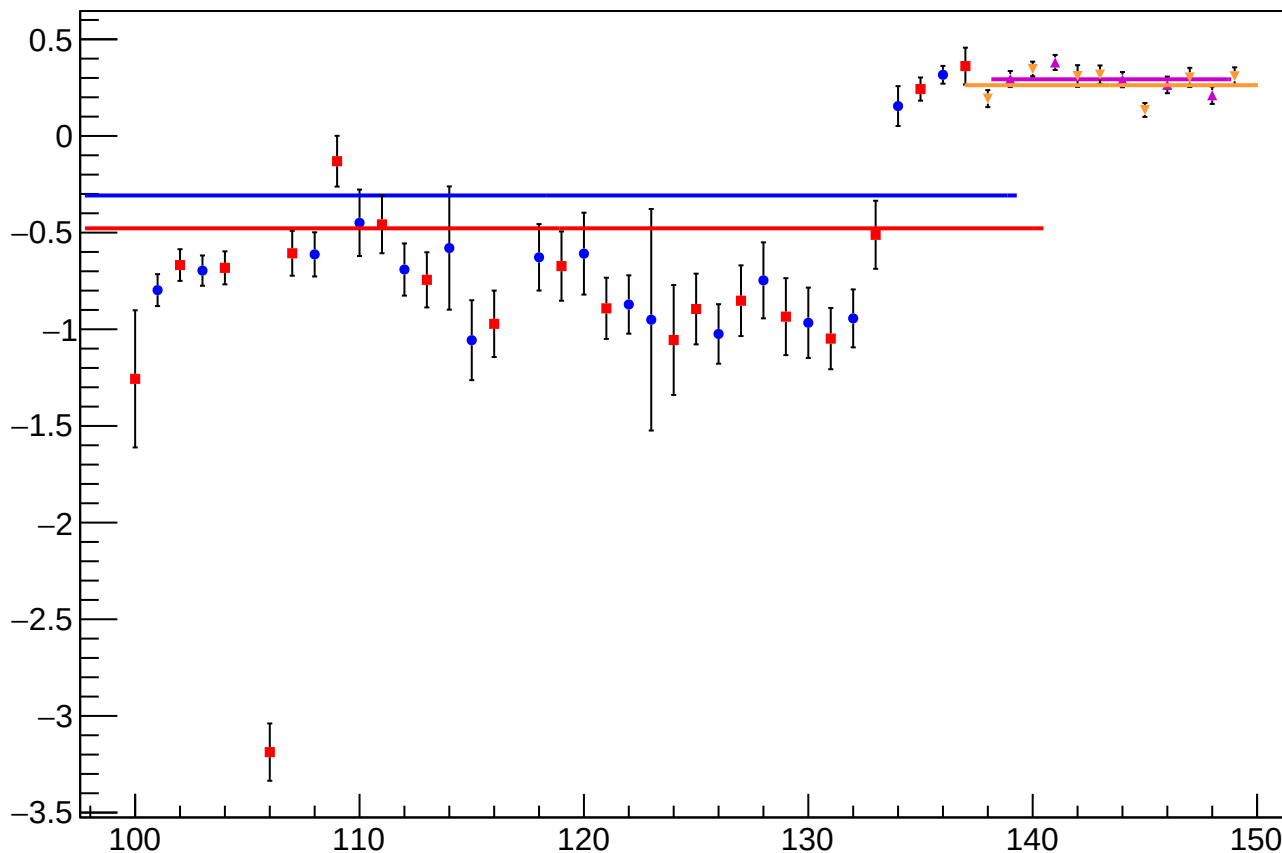
Right: -11.606 ± 0.379 $\chi^2/\text{NDF}: 846.9/35$

In: -12.477 ± 0.298 $\chi^2/\text{NDF}: 871.4/21$

Out: -11.344 ± 0.283 $\chi^2/\text{NDF}: 451.8/25$

All: -11.882 ± 0.205 $\chi^2/\text{NDF}: 1330.8/47$

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: 0.263 ± 0.017 χ^2/NDF : 23.8/6

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.293 ± 0.018 χ^2/NDF : 8.9/4

Left: 0.276 ± 0.012 χ^2/NDF : 34.2/11

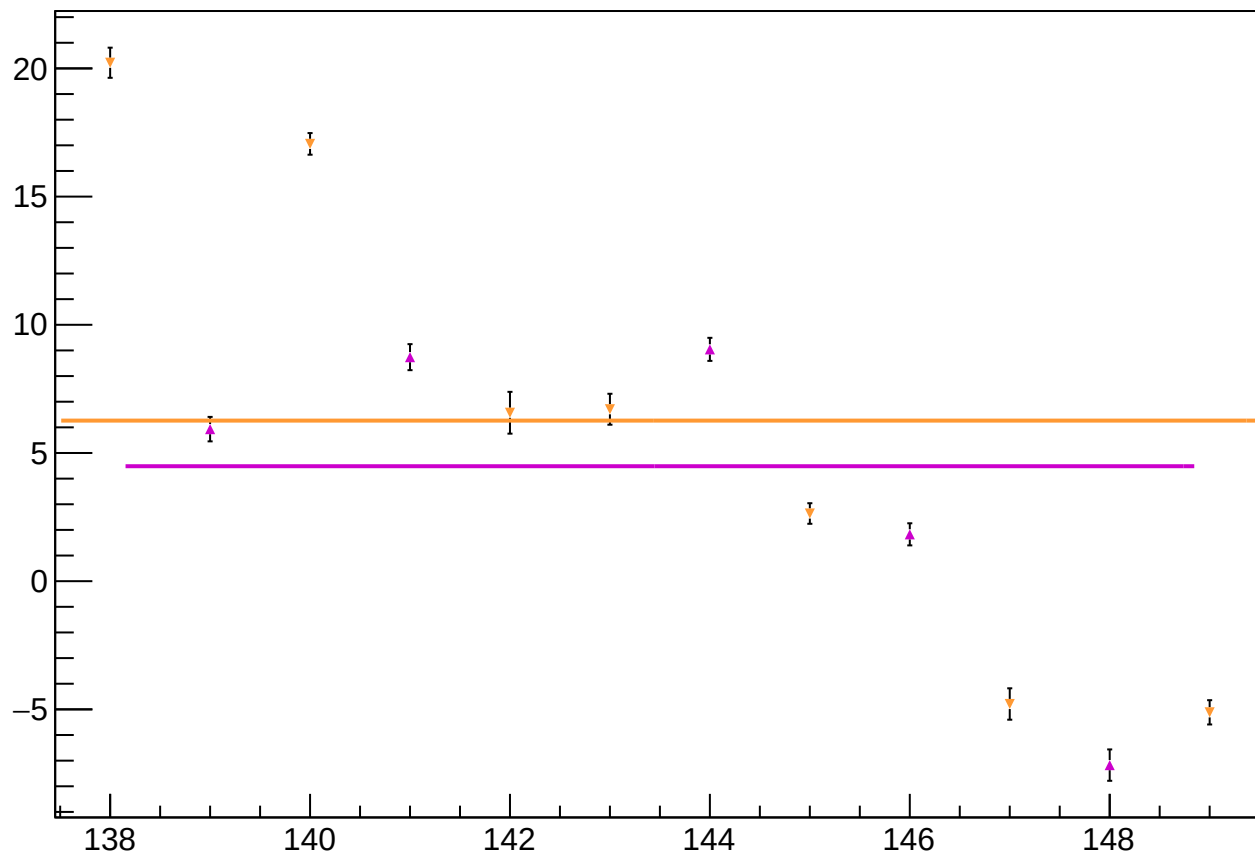
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.107 ± 0.015 χ^2/NDF : 710.3/21

Out: 0.075 ± 0.014 χ^2/NDF : 1158.1/25

All: 0.090 ± 0.010 χ^2/NDF : 1870.6/47

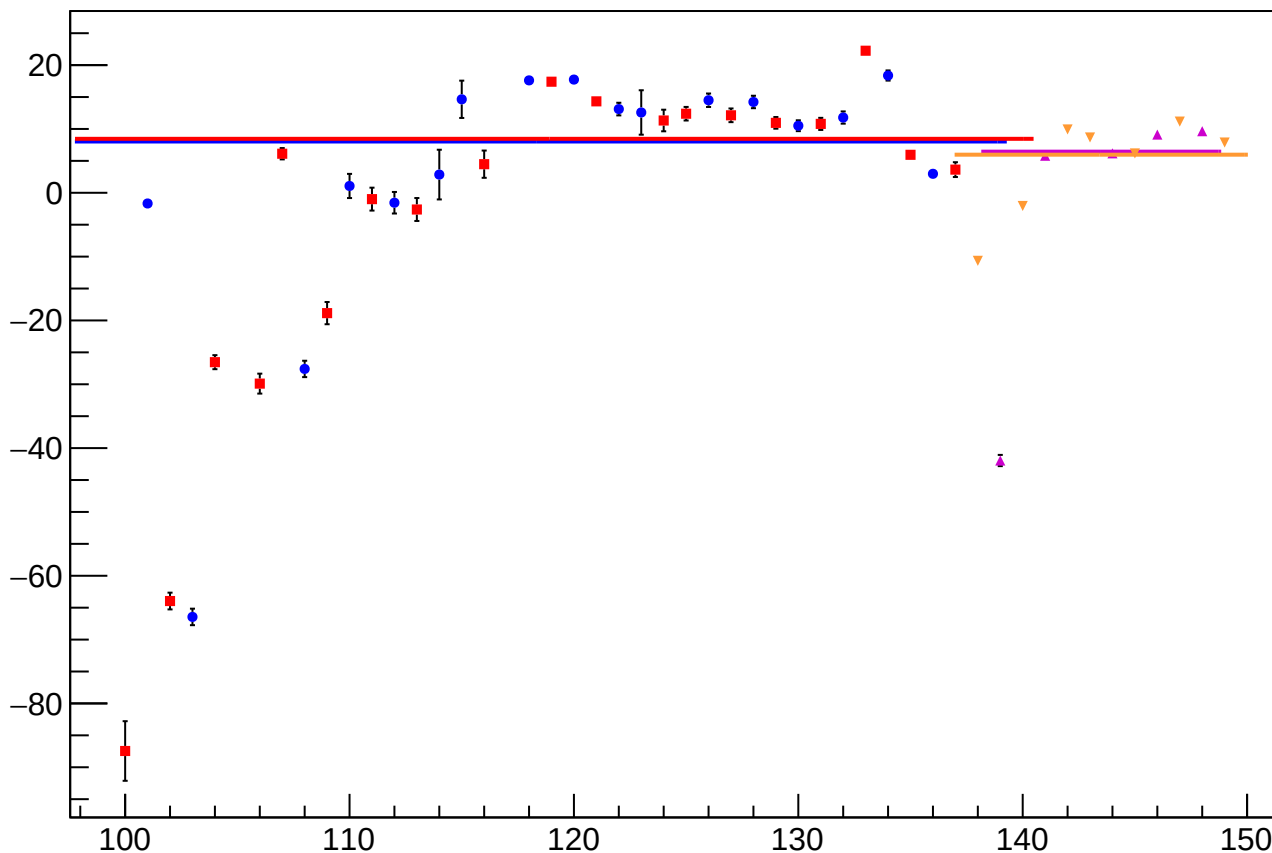
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.263 $\pm$ 0.196 χ^2 /NDF:2202.7/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.484 $\pm$ 0.217 χ^2 /NDF:583.1/4

Left: 5.464 $\pm$ 0.145 χ^2 /NDF: 2822.9/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.484 $\pm$ 0.217 χ^2 /NDF:583.1/4
 Out: 6.263 $\pm$ 0.196 χ^2 /NDF:2202.7/6
 All: 5.464 $\pm$ 0.145 χ^2 /NDF: 2822.9/11

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: 5.969 ± 0.139 χ^2/NDF : 1755.0/6

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

Left In: 6.443 ± 0.153 χ^2/NDF : 3235.8/4

Left: 6.182 ± 0.103 χ^2/NDF : 4996.0/11

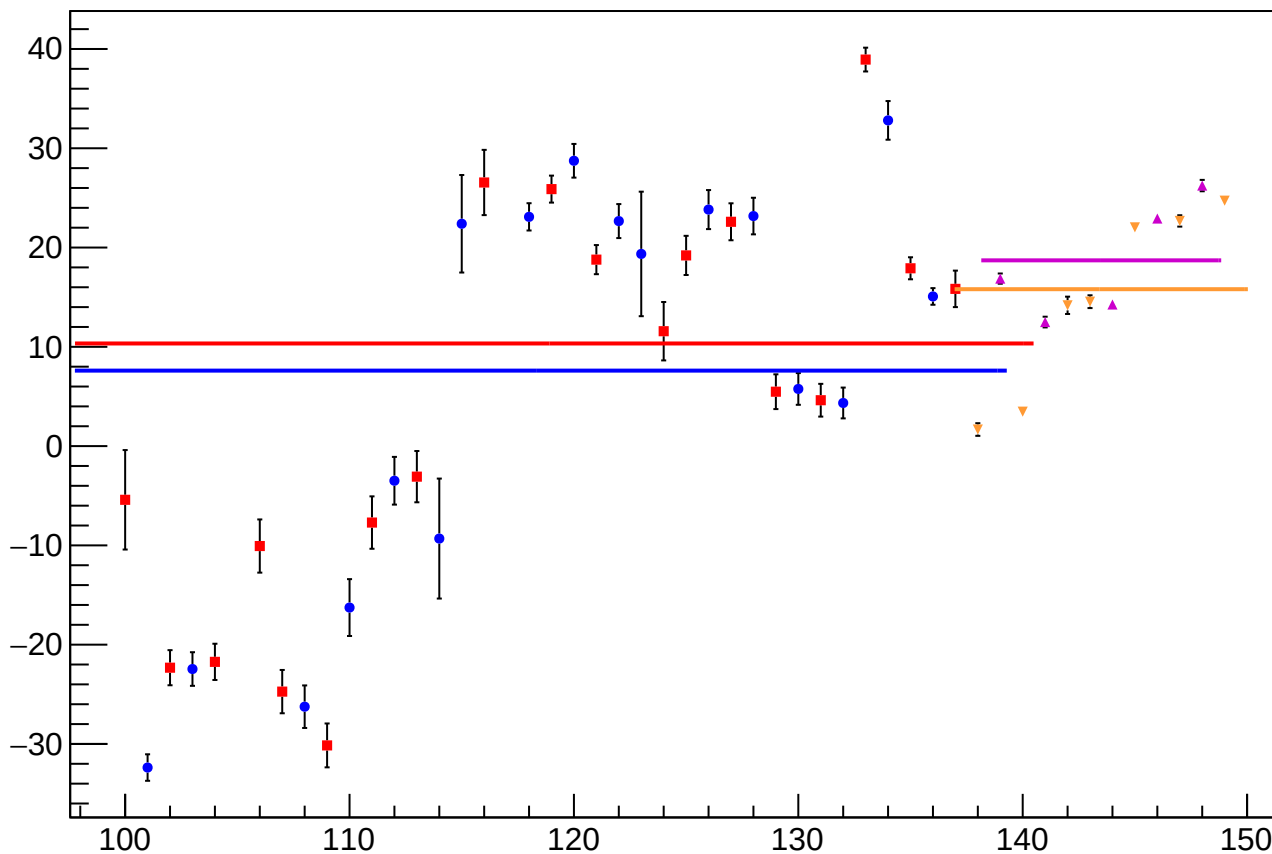
Right: 8.247 ± 0.151 χ^2/NDF : 12075.7/35

In: 6.980 ± 0.125 χ^2/NDF : 8641.5/21

Out: 6.707 ± 0.116 χ^2/NDF : 8554.8/25

All: 6.834 ± 0.085 χ^2/NDF : 17198.9/47

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: 15.805 ± 0.201 $\chi^2/\text{NDF}: 2016.3/6$

Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$

Left In: 18.711 ± 0.222 $\chi^2/\text{NDF}: 506.2/4$

Left: 17.115 ± 0.149 $\chi^2/\text{NDF}: 2617.0/11$

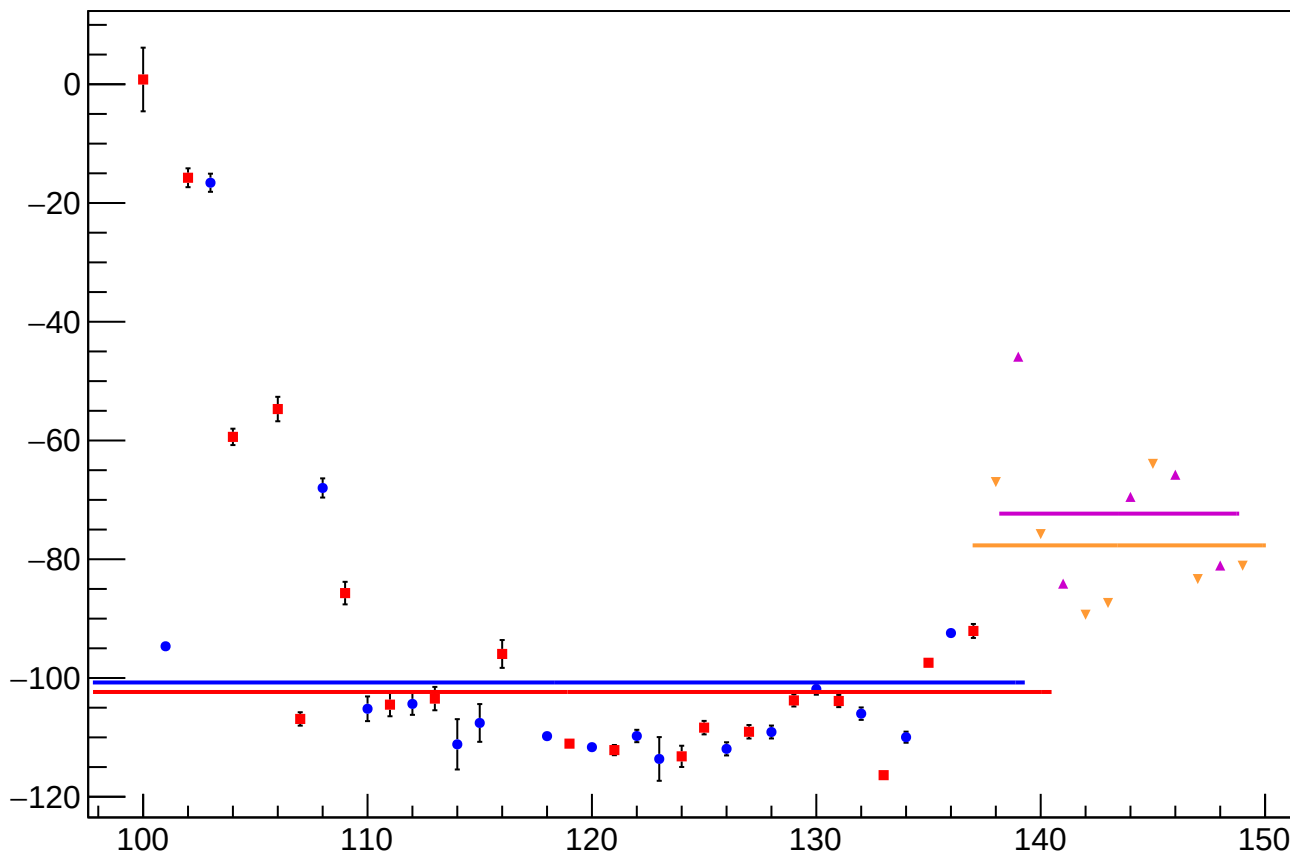
Right: 8.969 ± 0.294 $\chi^2/\text{NDF}: 4628.4/35$

In: 16.254 ± 0.196 $\chi^2/\text{NDF}: 3387.0/21$

Out: 14.775 ± 0.181 $\chi^2/\text{NDF}: 4438.1/25$

All: 15.457 ± 0.133 $\chi^2/\text{NDF}: 7855.9/47$

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: -77.662 ± 0.169 χ^2/NDF : 2588.0/6

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

Left In: -72.317 ± 0.190 χ^2/NDF : 2556.9/4

Left: -75.295 ± 0.126 χ^2/NDF : 5586.2/11

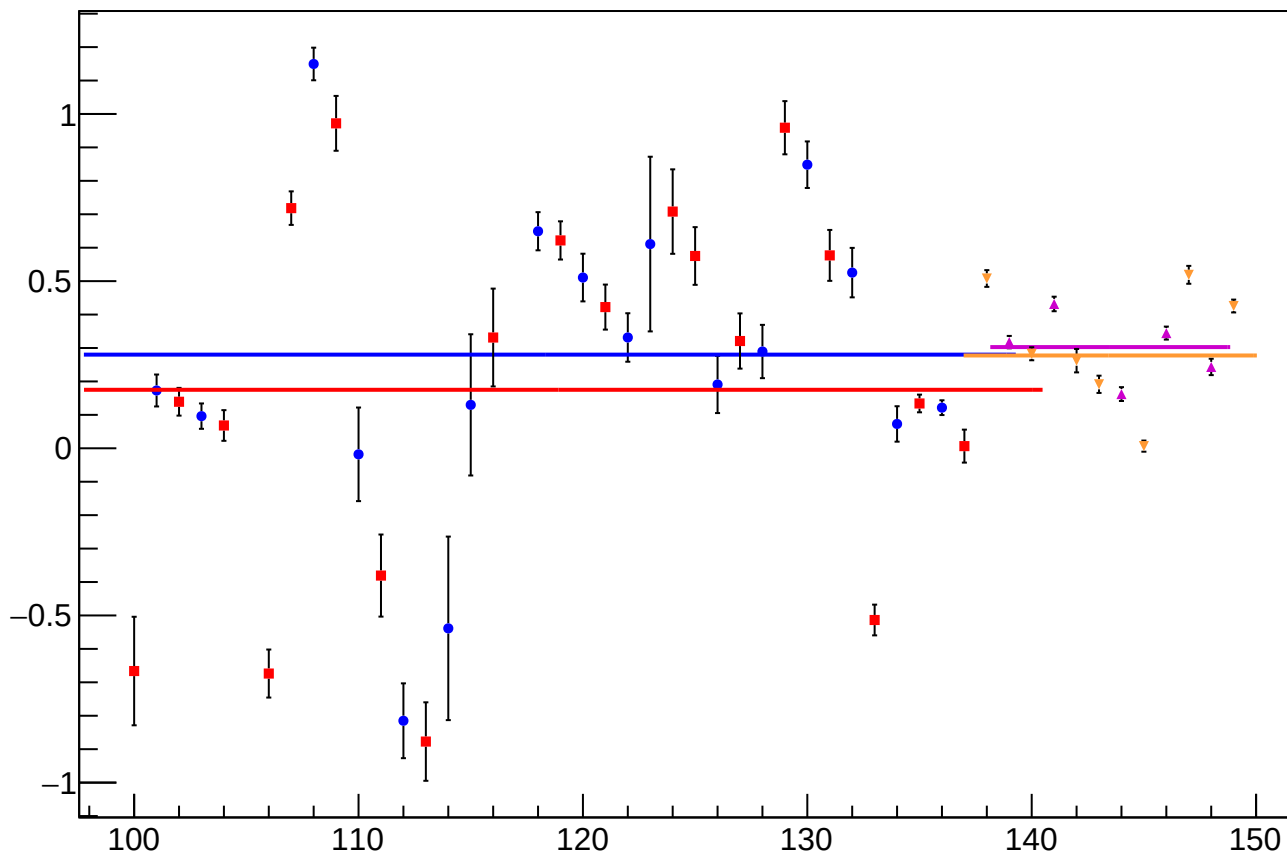
Right: -101.559 ± 0.175 χ^2/NDF : 10622.5/35

In: -82.830 ± 0.151 χ^2/NDF : 15365.6/21

Out: -85.593 ± 0.140 χ^2/NDF : 15493.1/25

All: -84.318 ± 0.102 χ^2/NDF : 31039.6/47

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: 0.278 $\pm$ 0.008 χ^2 /NDF:501.4/6

Right Out: 0.175 $\pm$ 0.013 χ^2 /NDF: 966.7/18

Left In: 0.303 $\pm$ 0.009 χ^2 /NDF:92.4/4

Left: 0.289 $\pm$ 0.006 χ^2 /NDF: 597.8/11

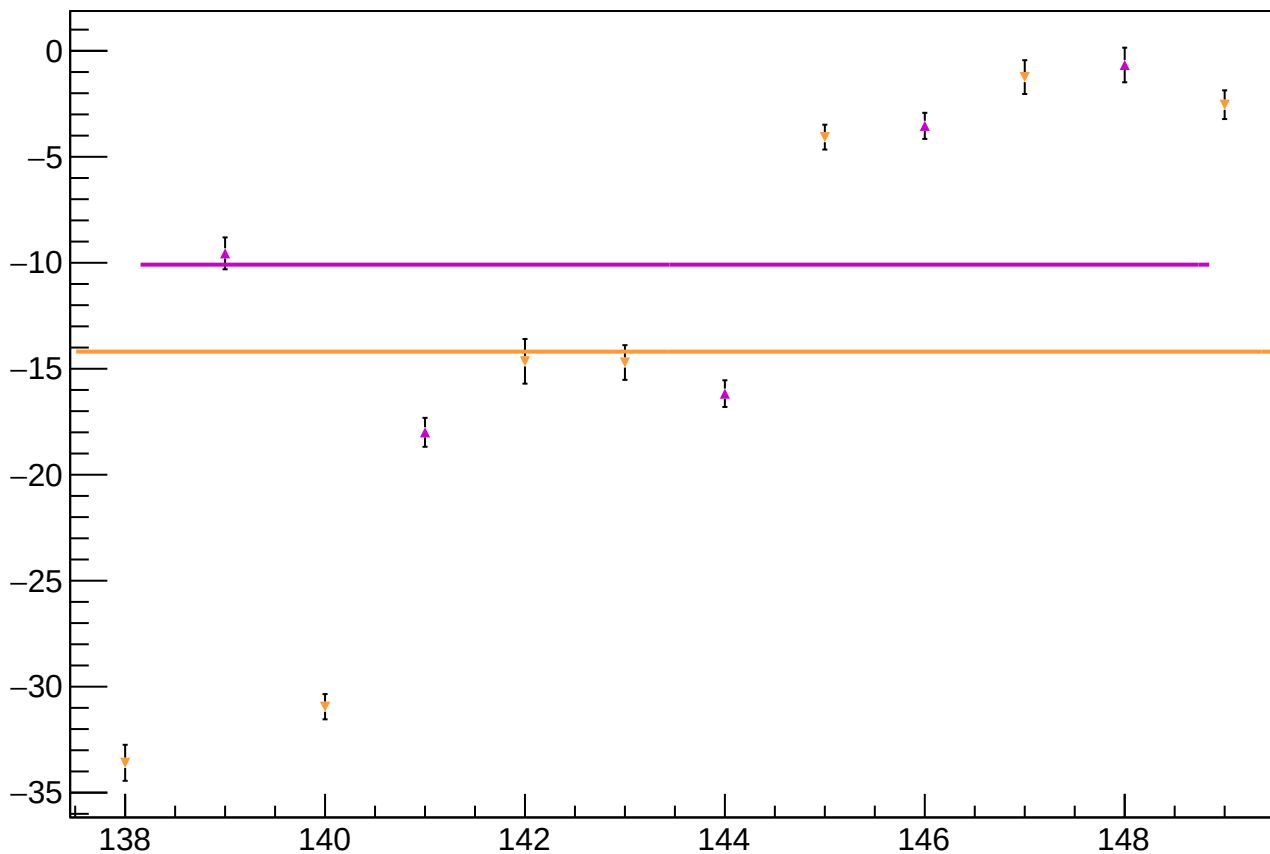
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1653.2/35

In: 0.295 $\pm$ 0.008 χ^2 /NDF:750.3/21

Out: 0.249 $\pm$ 0.007 χ^2 /NDF:1510.1/25

All: 0.271 $\pm$ 0.005 χ^2 /NDF: 2280.3/47

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -14.192 ± 0.275 $\chi^2/\text{NDF}: 2170.3/6$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -10.088 ± 0.307 $\chi^2/\text{NDF}: 474.5/4$

Left: -12.370 ± 0.205 $\chi^2/\text{NDF}: 2743.9/11$

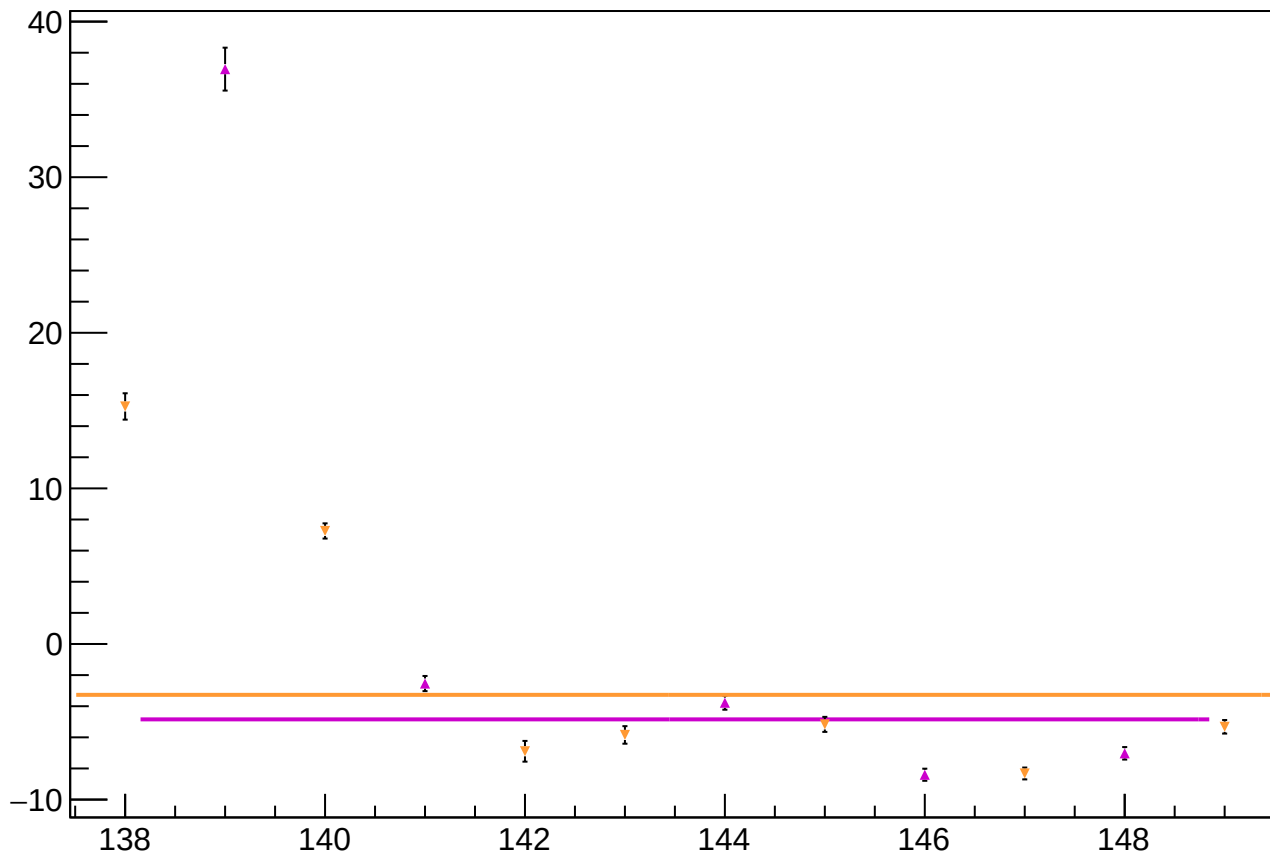
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -10.088 ± 0.307 $\chi^2/\text{NDF}: 474.5/4$

Out: -14.192 ± 0.275 $\chi^2/\text{NDF}: 2170.3/6$

All: -12.370 ± 0.205 $\chi^2/\text{NDF}: 2743.9/11$

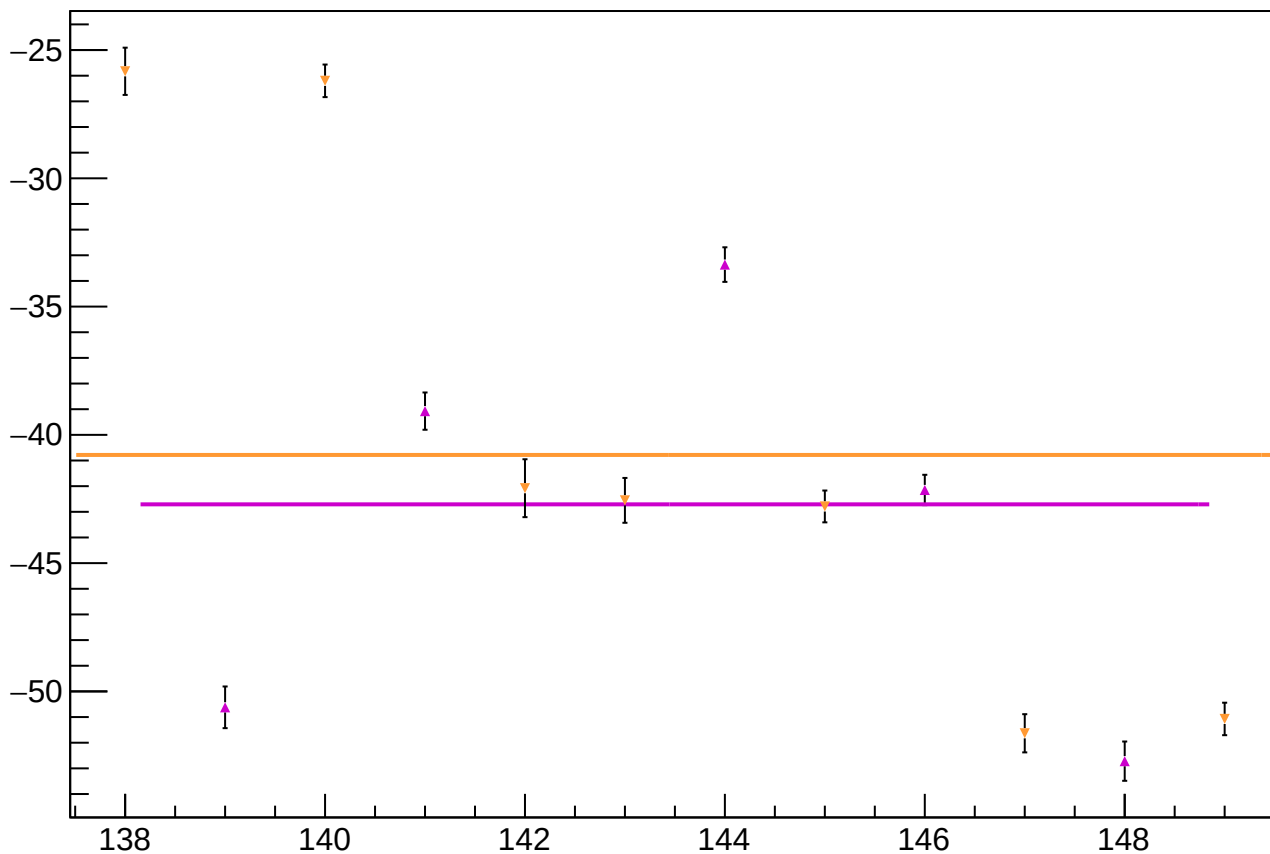
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.269+/-0.191 χ^2/NDF :1206.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.845+/-0.211 χ^2/NDF :1059.4/4

Left: -3.979+/-0.142 χ^2/NDF : 2296.8/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.845+/-0.211 χ^2/NDF :1059.4/4
 Out: -3.269+/-0.191 χ^2/NDF :1206.8/6
 All: -3.979+/-0.142 χ^2/NDF : 2296.8/11

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: -40.783+/-0.281 χ^2/NDF :1283.9/6

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

Left In: -42.709+/-0.313 χ^2/NDF :484.0/4

Left: -41.641+/-0.209 χ^2/NDF : 1788.8/11

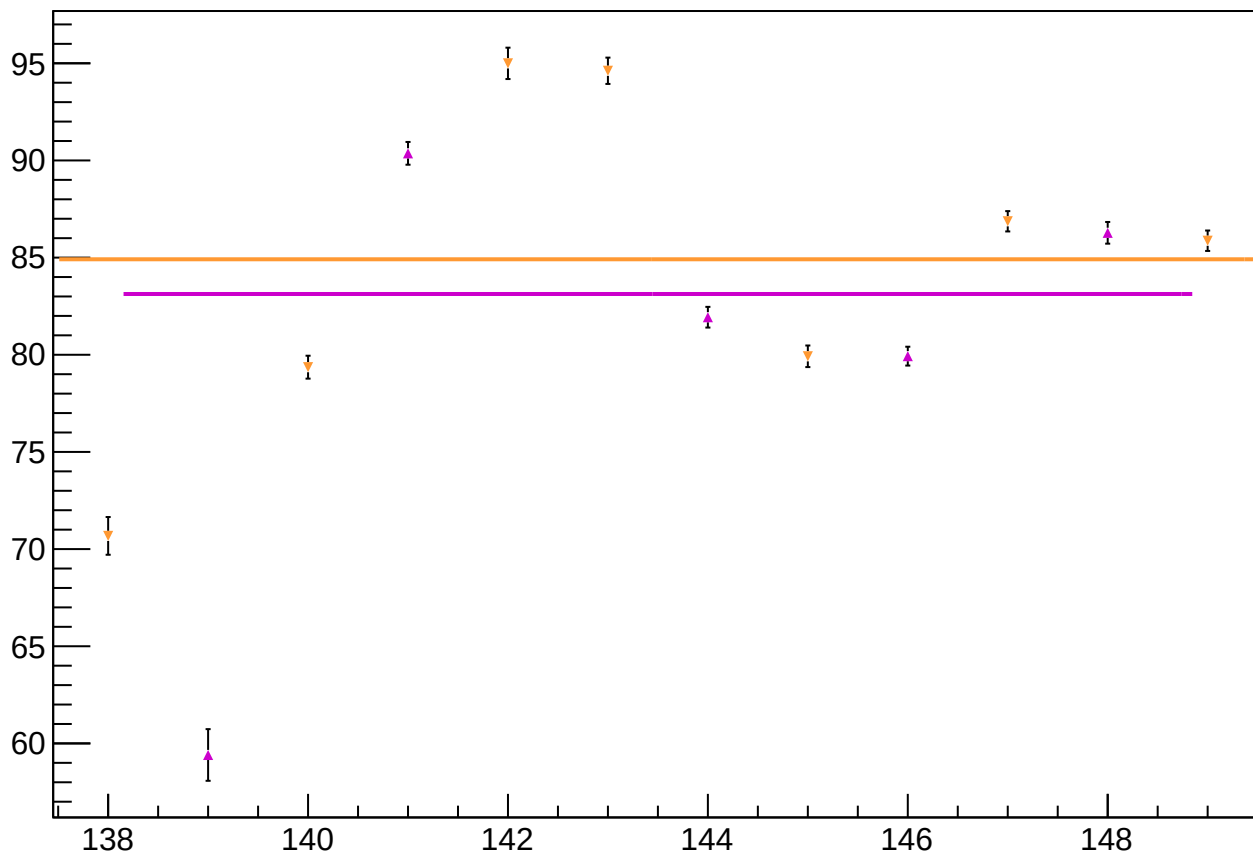
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.709+/-0.313 χ^2/NDF :484.0/4

Out: -40.783+/-0.281 χ^2/NDF :1283.9/6

All: -41.641+/-0.209 χ^2/NDF : 1788.8/11

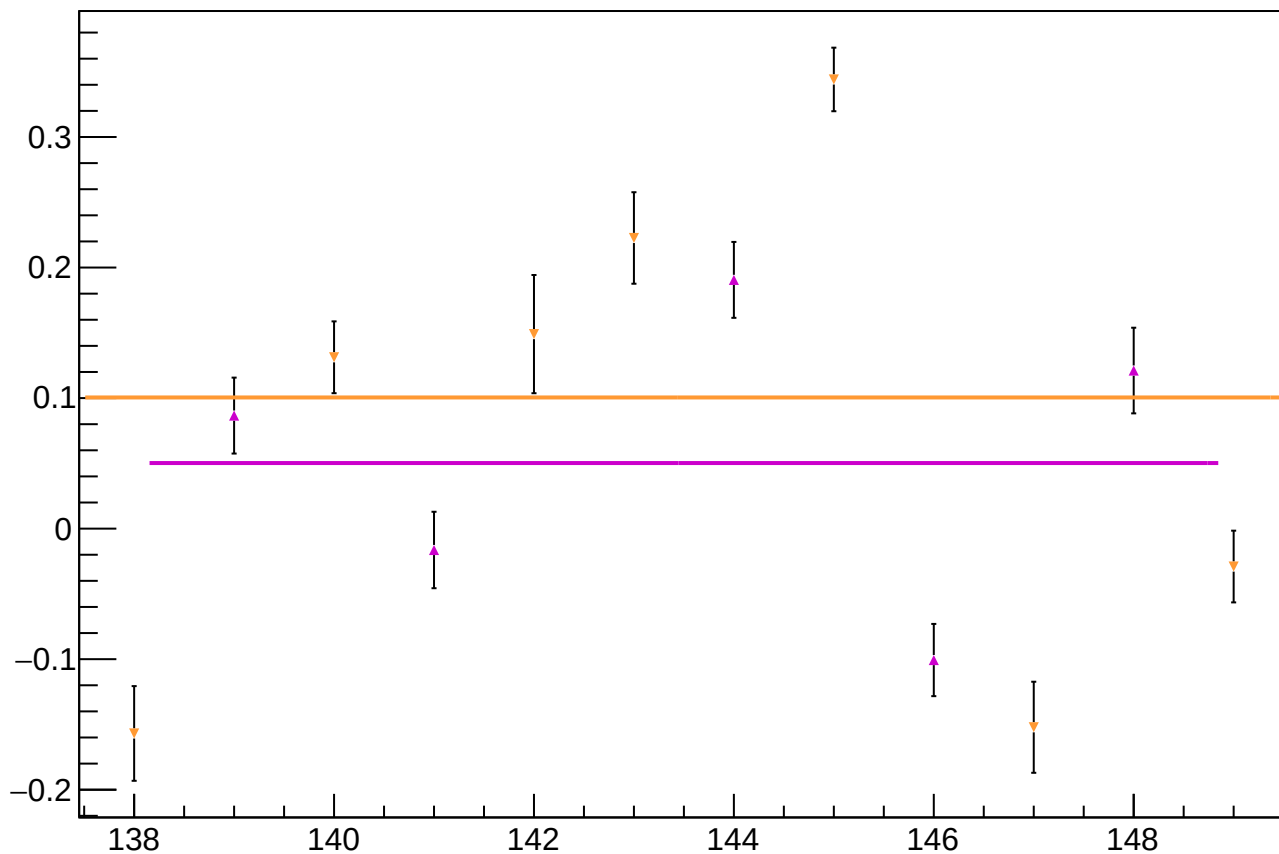
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.914+/-0.235 χ^2/NDF : 763.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.127+/-0.263 χ^2/NDF : 551.5/4

Left: 84.122+/-0.175 χ^2/NDF : 1340.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.127+/-0.263 χ^2/NDF : 551.5/4
 Out: 84.914+/-0.235 χ^2/NDF : 763.0/6
 All: 84.122+/-0.175 χ^2/NDF : 1340.2/11

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: 0.100+/-0.012 χ^2/NDF :239.8/6

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

Left In: 0.050+/-0.013 χ^2/NDF :64.5/4

Left: 0.078+/-0.009 χ^2/NDF : 312.3/11

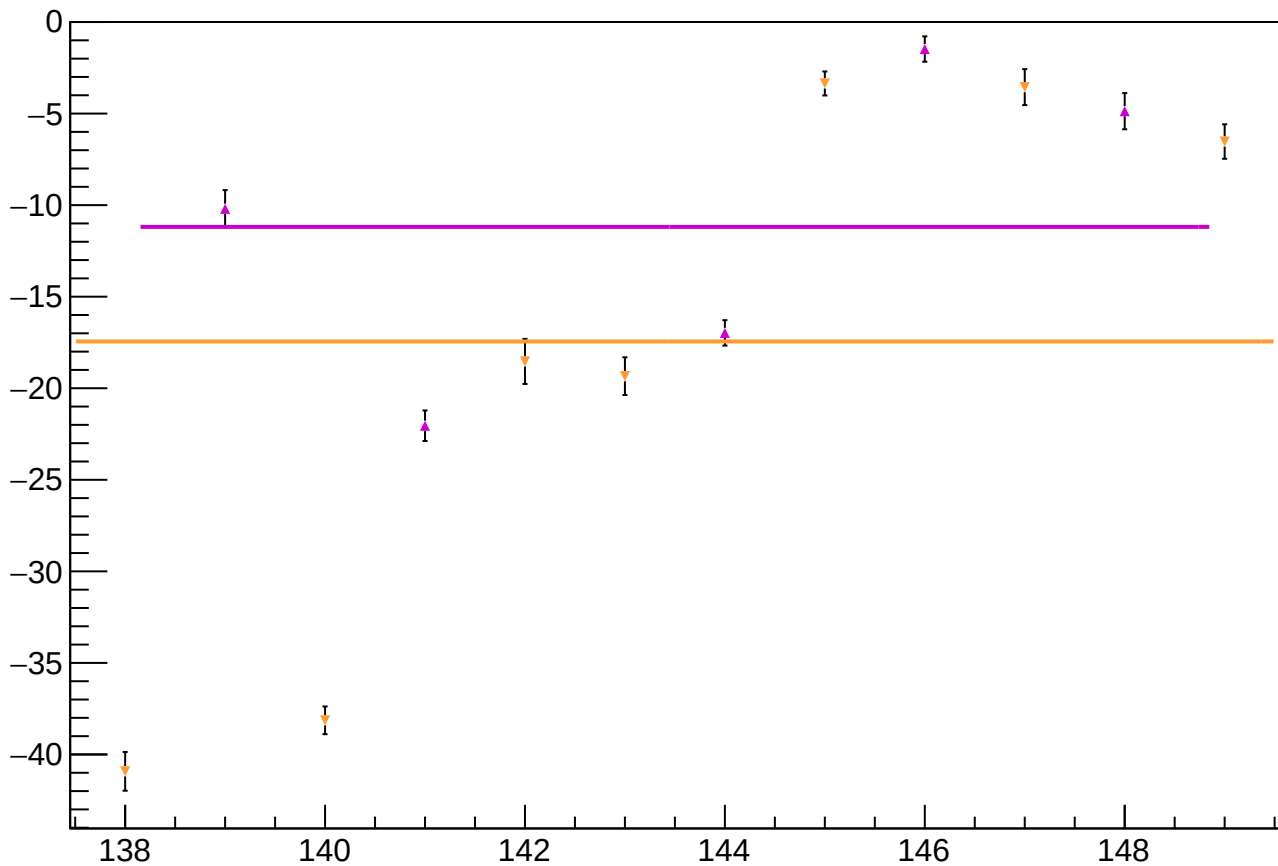
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.050+/-0.013 χ^2/NDF :64.5/4

Out: 0.100+/-0.012 χ^2/NDF :239.8/6

All: 0.078+/-0.009 χ^2/NDF : 312.3/11

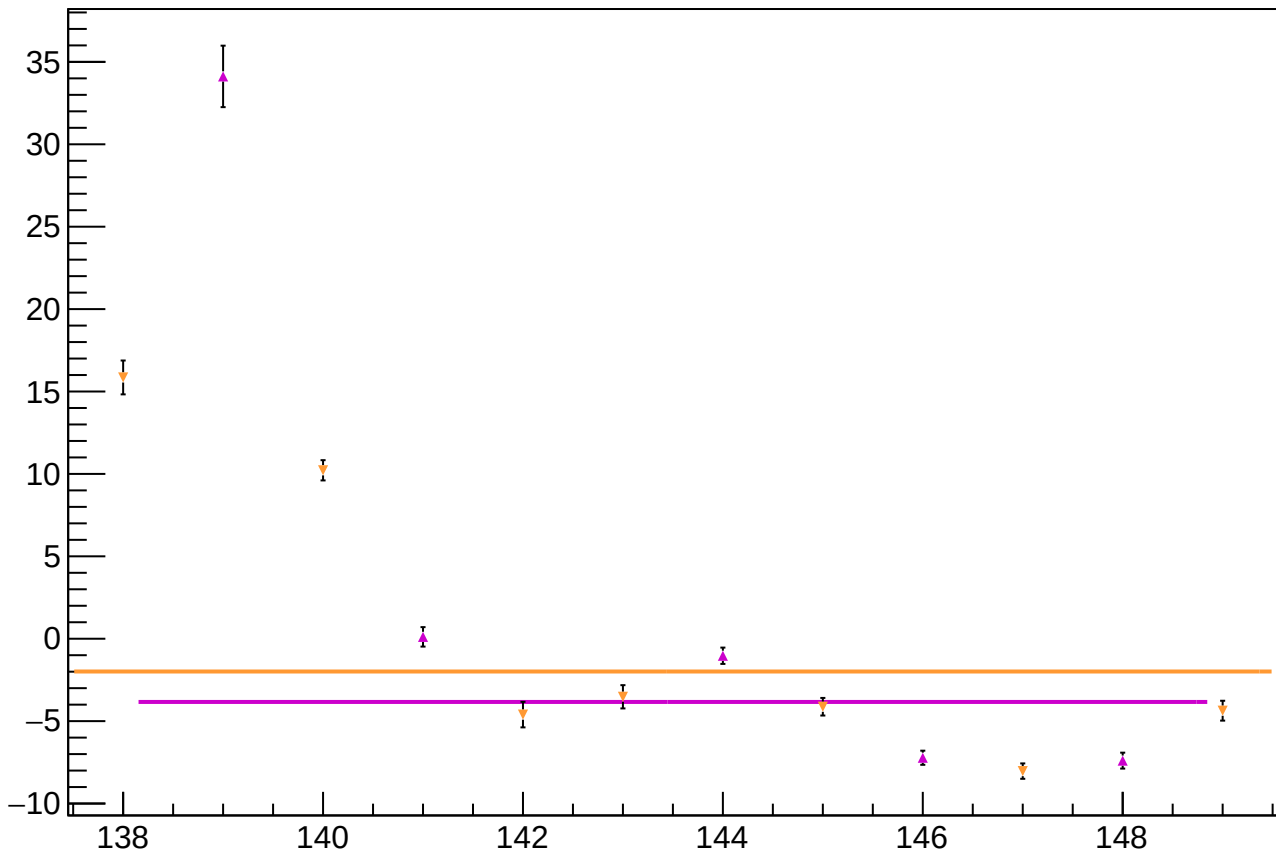
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.444+/-0.338 χ^2/NDF :2040.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.188+/-0.363 χ^2/NDF :478.0/4

Left: -14.537+/-0.247 χ^2/NDF : 2677.9/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.188+/-0.363 χ^2/NDF :478.0/4
 Out: -17.444+/-0.338 χ^2/NDF :2040.9/6
 All: -14.537+/-0.247 χ^2/NDF : 2677.9/11

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: -1.989+/-0.235 χ^2/NDF : 912.0/6

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

Left In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Left: -2.882+/-0.169 χ^2/NDF : 1549.5/11

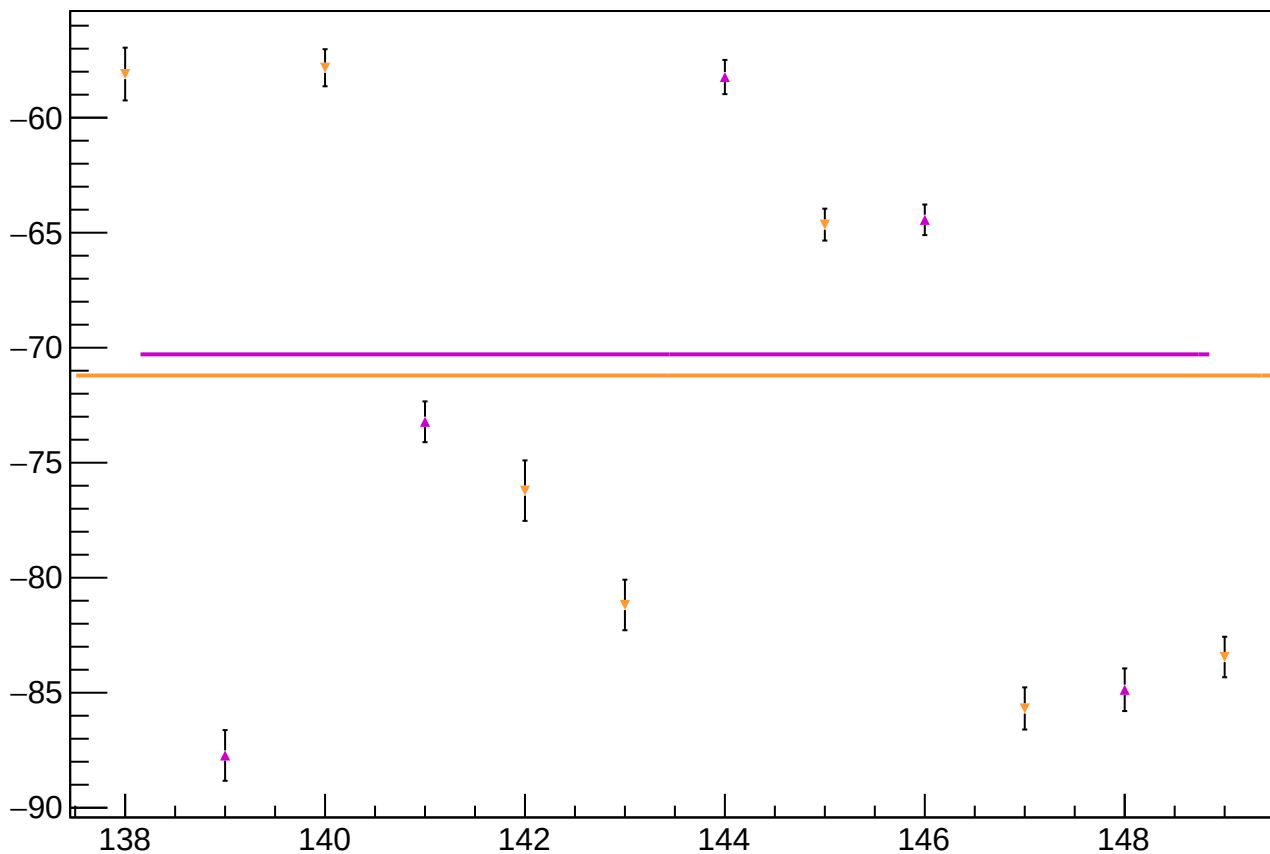
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Out: -1.989+/-0.235 χ^2/NDF : 912.0/6

All: -2.882+/-0.169 χ^2/NDF : 1549.5/11

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: -71.208+/-0.348 χ^2/NDF :1034.8/6

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

Left In: -70.290+/-0.369 χ^2/NDF :848.8/4

Left: -70.776+/-0.253 χ^2/NDF : 1886.9/11

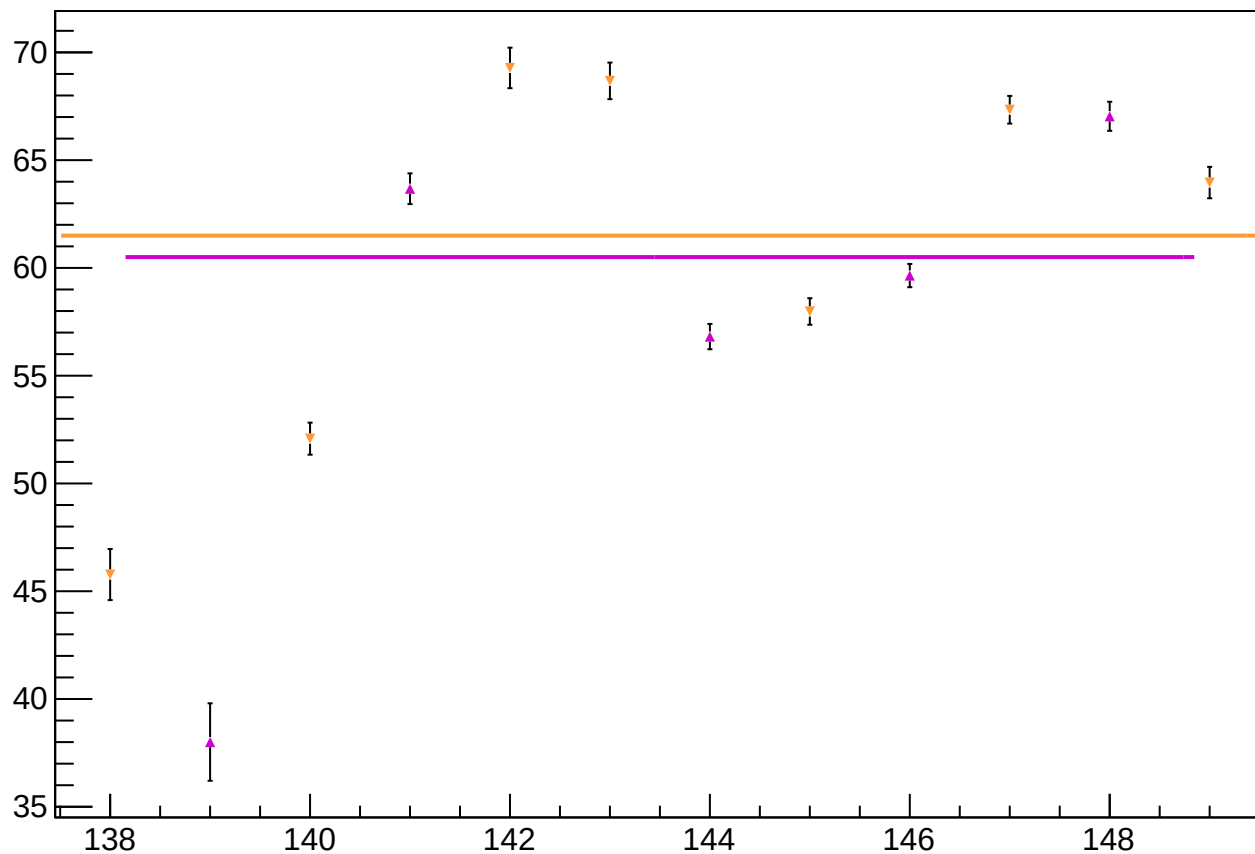
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.290+/-0.369 χ^2/NDF :848.8/4

Out: -71.208+/-0.348 χ^2/NDF :1034.8/6

All: -70.776+/-0.253 χ^2/NDF : 1886.9/11

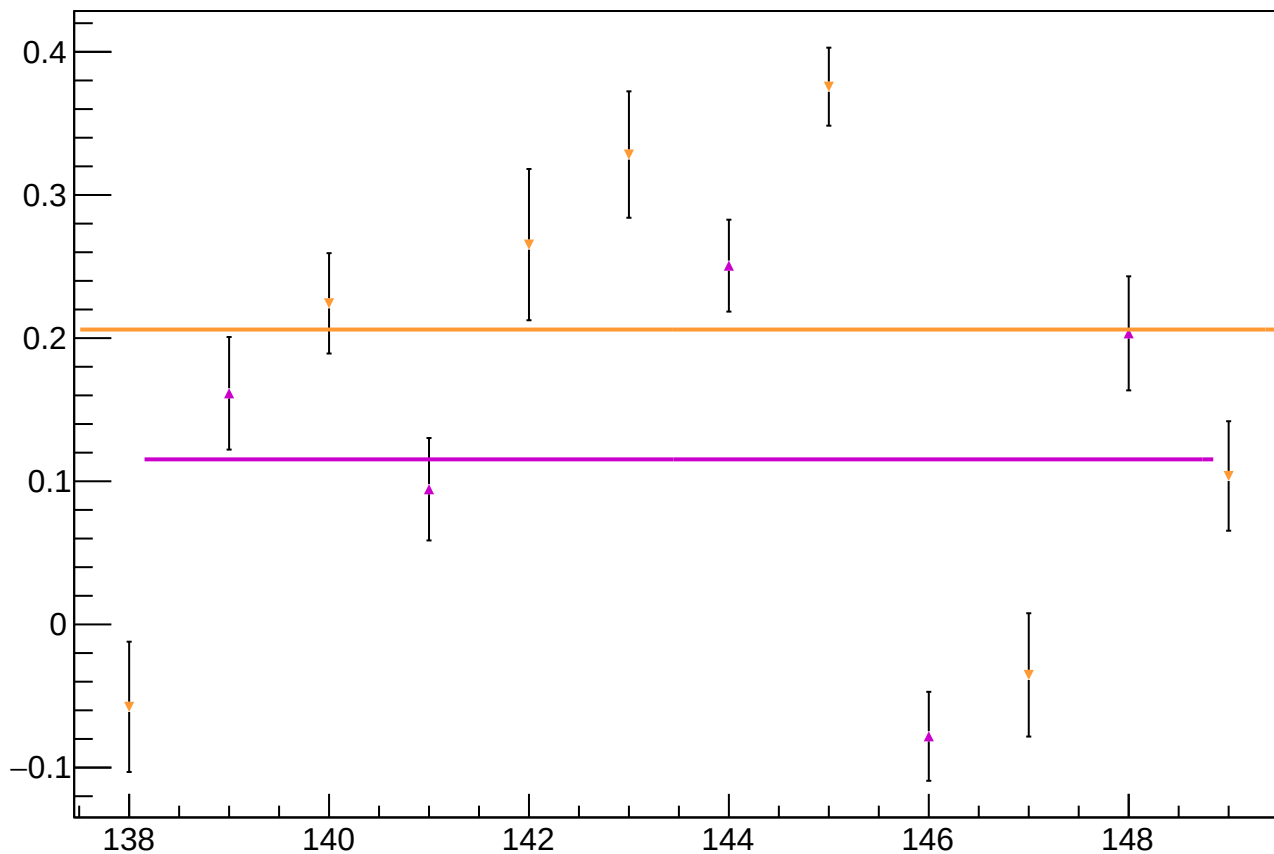
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.499+/-0.289 χ^2/NDF :603.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.503+/-0.304 χ^2/NDF :312.5/4

Left: 61.027+/-0.209 χ^2/NDF : 921.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.304 χ^2/NDF :312.5/4
 Out: 61.499+/-0.289 χ^2/NDF :603.5/6
 All: 61.027+/-0.209 χ^2/NDF : 921.6/11

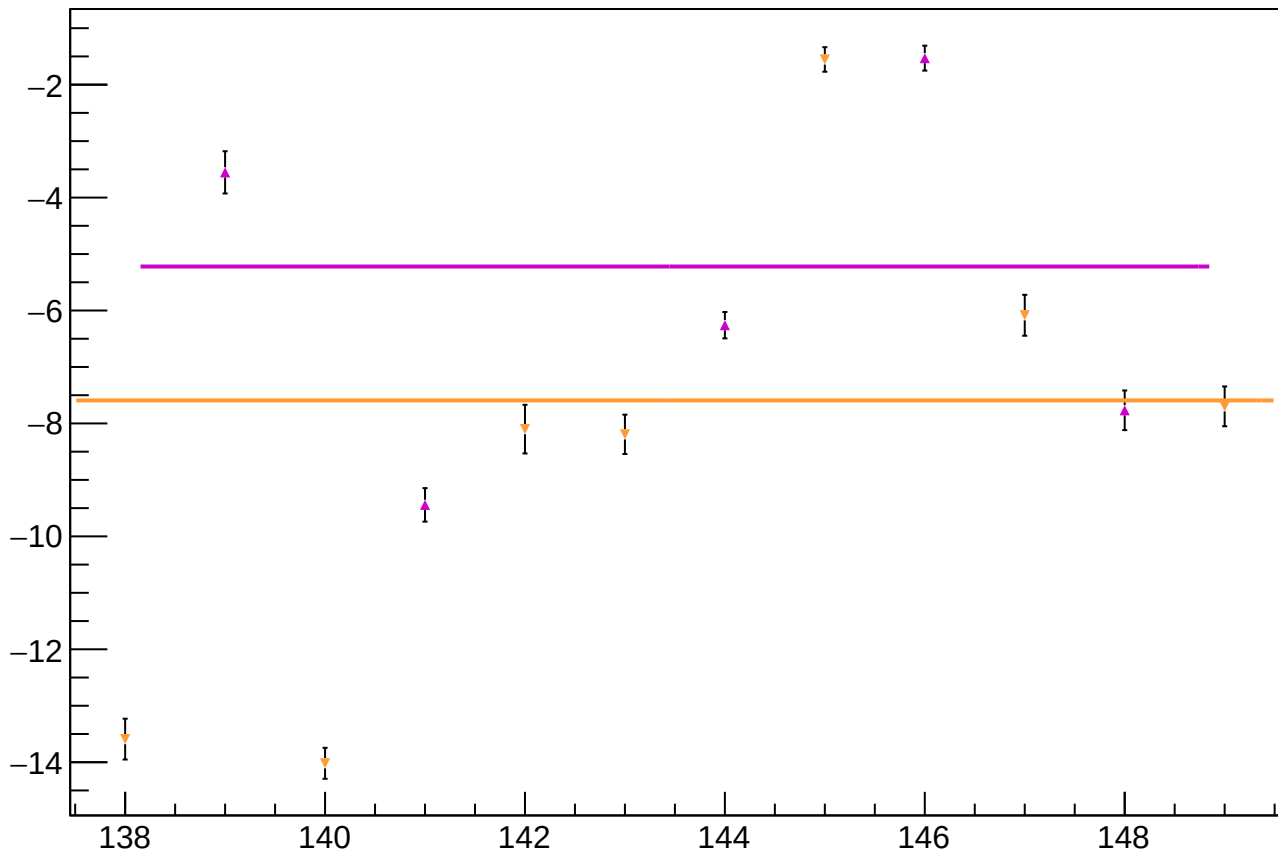
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.206 $\pm$ 0.015 χ^2 /NDF:120.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.115 $\pm$ 0.016 χ^2 /NDF:63.1/4

Left: 0.164 $\pm$ 0.011 χ^2 /NDF: 201.2/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.115 $\pm$ 0.016 χ^2 /NDF:63.1/4
 Out: 0.206 $\pm$ 0.015 χ^2 /NDF:120.0/6
 All: 0.164 $\pm$ 0.011 χ^2 /NDF: 201.2/11

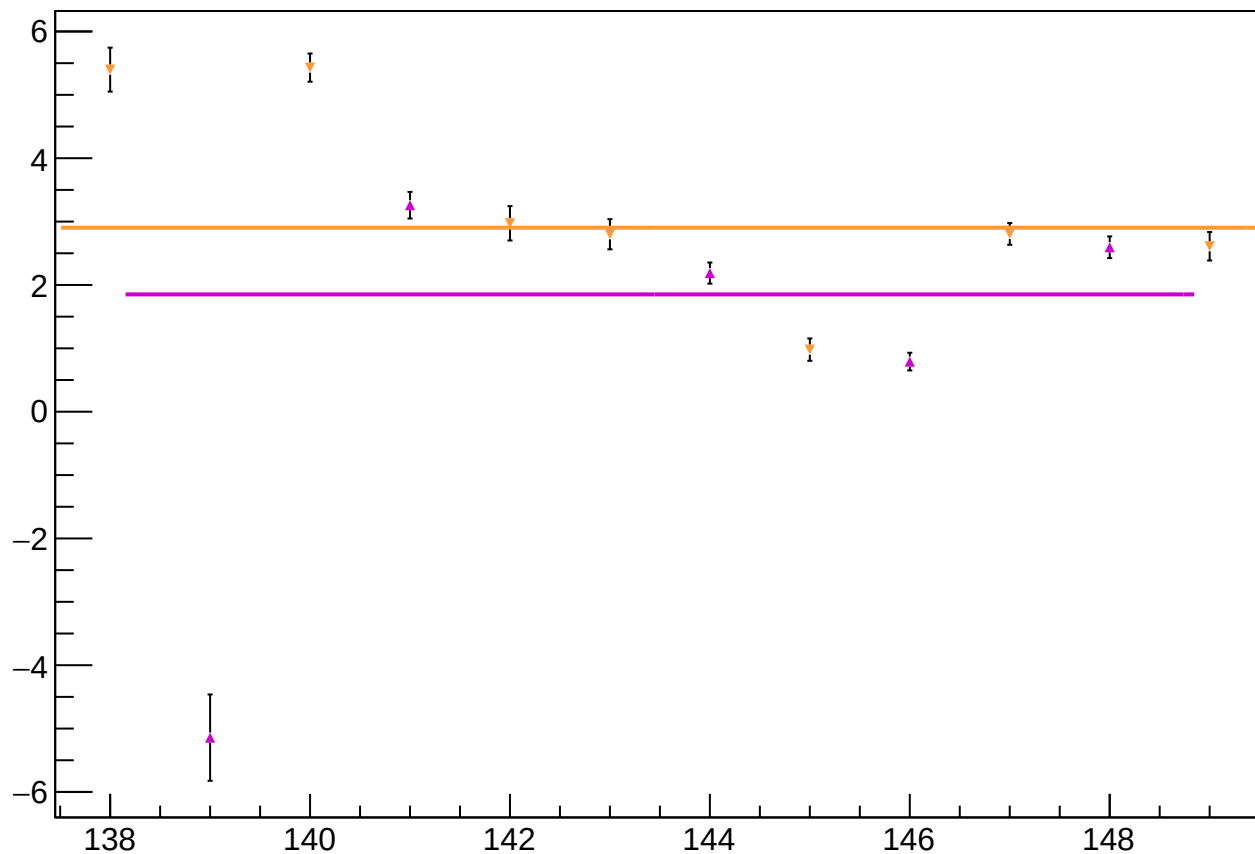
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.592+/-0.118 χ^2/NDF :1619.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.221+/-0.124 χ^2/NDF :573.5/4

Left: -6.459+/-0.085 χ^2/NDF : 2384.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.221+/-0.124 χ^2/NDF :573.5/4
 Out: -7.592+/-0.118 χ^2/NDF :1619.0/6
 All: -6.459+/-0.085 χ^2/NDF : 2384.6/11

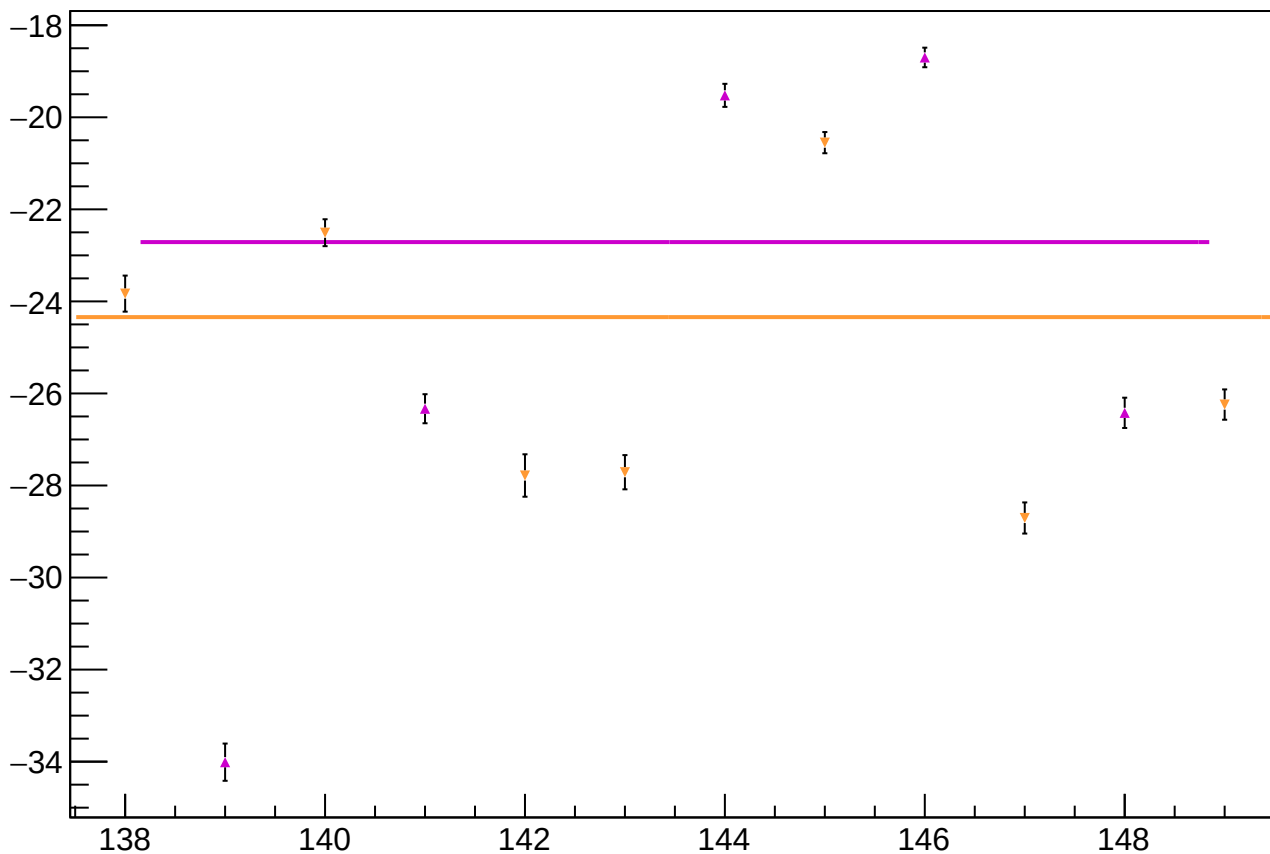
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.904+/-0.083 χ^2/NDF :302.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.851+/-0.083 χ^2/NDF :231.0/4

Left: 2.376+/-0.059 χ^2/NDF : 614.2/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.851+/-0.083 χ^2/NDF :231.0/4
 Out: 2.904+/-0.083 χ^2/NDF :302.3/6
 All: 2.376+/-0.059 χ^2/NDF : 614.2/11

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: -24.342+/-0.122 χ^2/NDF : 649.4/6

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

Left In: -22.711+/-0.126 χ^2/NDF : 1557.1/4

Left: -23.548+/-0.088 χ^2/NDF : 2293.1/11

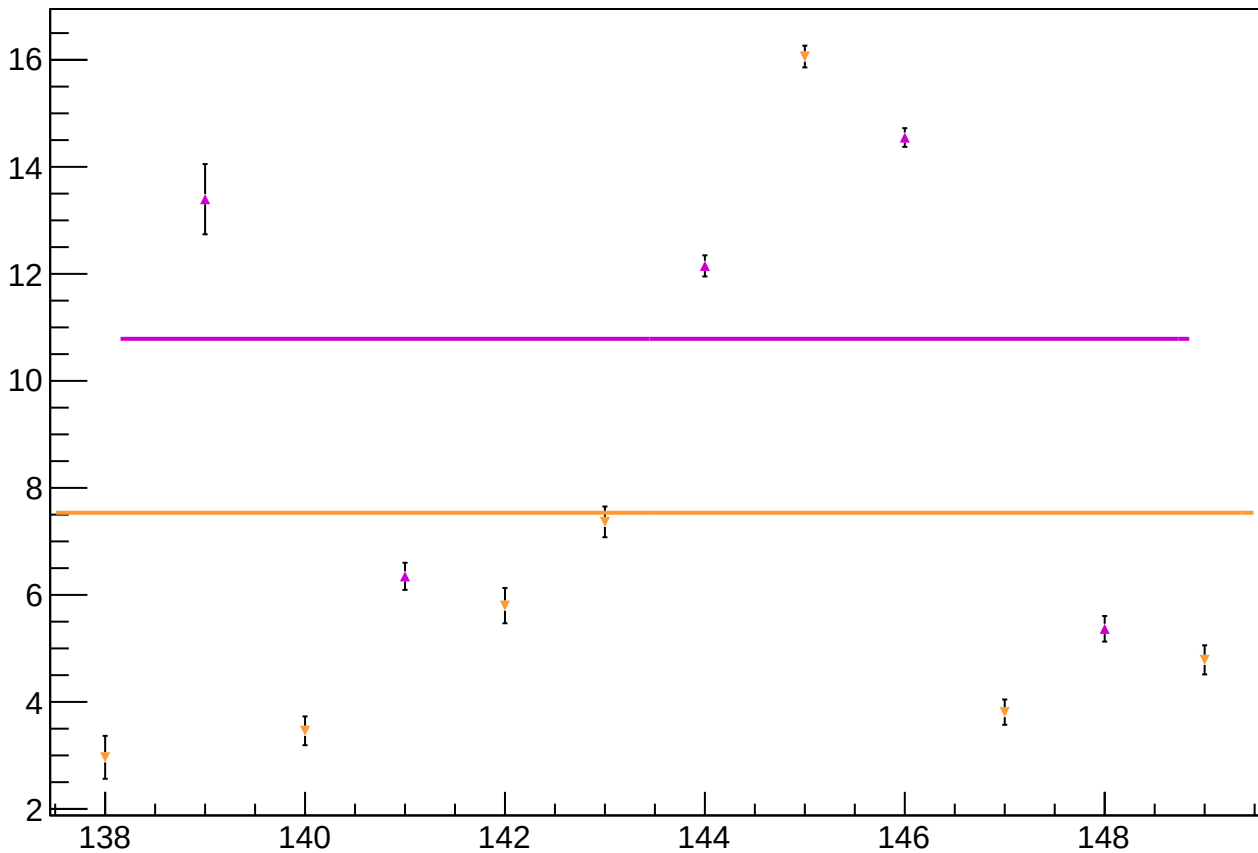
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.711+/-0.126 χ^2/NDF : 1557.1/4

Out: -24.342+/-0.122 χ^2/NDF : 649.4/6

All: -23.548+/-0.088 χ^2/NDF : 2293.1/11

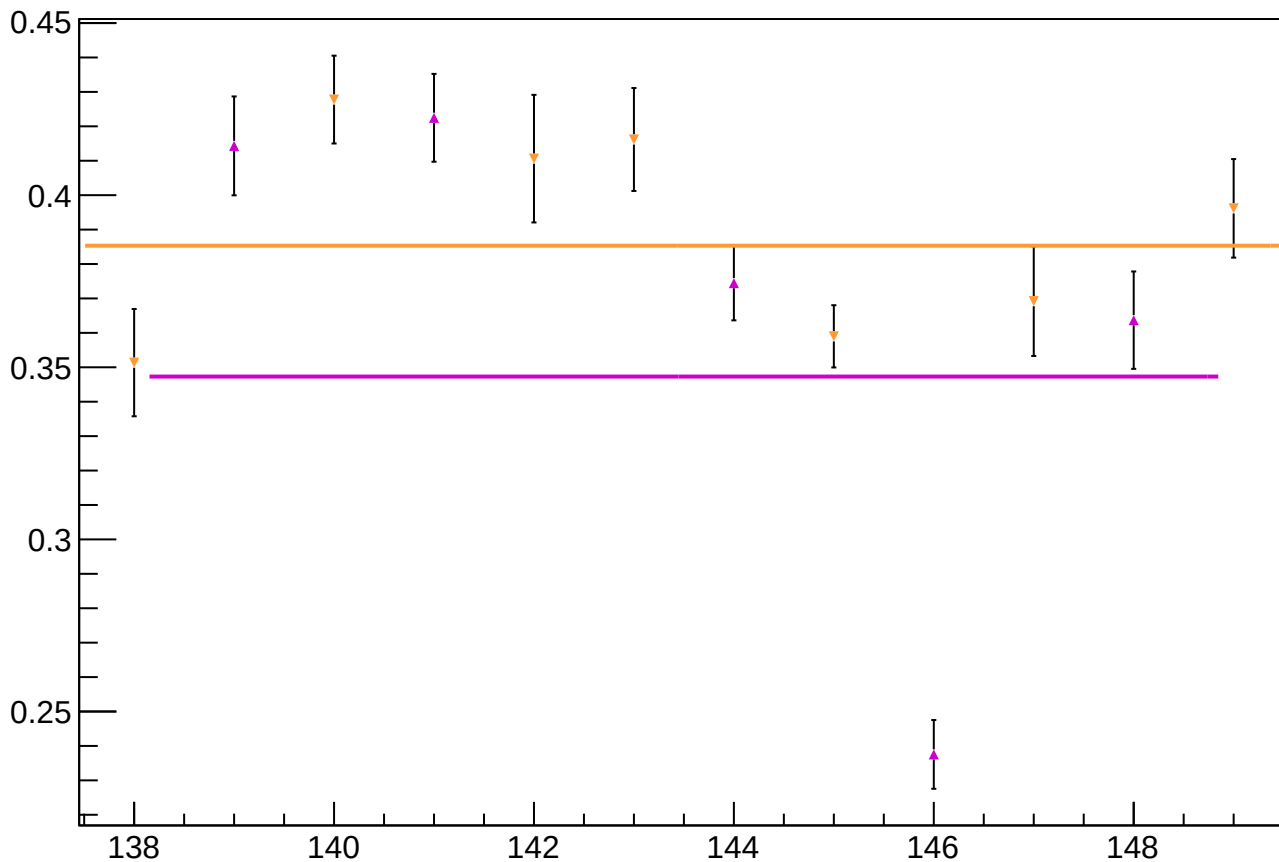
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.535+/-0.102 χ^2/NDF :2498.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.786+/-0.103 χ^2/NDF :1346.9/4

Left: 9.133+/-0.072 χ^2/NDF : 4348.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.786+/-0.103 χ^2/NDF :1346.9/4
 Out: 7.535+/-0.102 χ^2/NDF :2498.0/6
 All: 9.133+/-0.072 χ^2/NDF : 4348.5/11

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: 0.385+/-0.005 χ^2/NDF :32.0/6

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

Left In: 0.347+/-0.005 χ^2/NDF :184.9/4

Left: 0.367+/-0.004 χ^2/NDF : 243.3/11

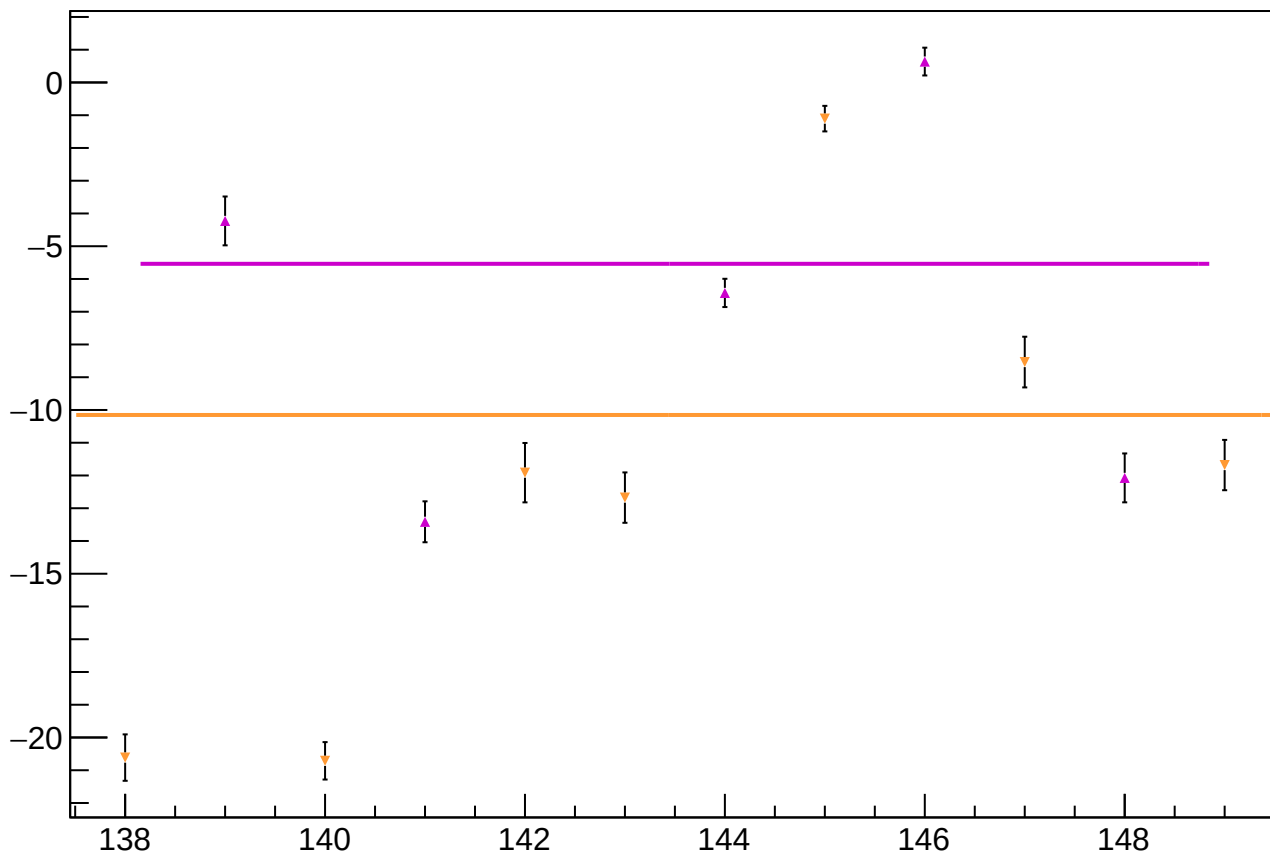
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.347+/-0.005 χ^2/NDF :184.9/4

Out: 0.385+/-0.005 χ^2/NDF :32.0/6

All: 0.367+/-0.004 χ^2/NDF : 243.3/11

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.152 $\pm$ 0.236 χ^2 /NDF:1120.4/6

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

Left In: -5.537 $\pm$ 0.242 χ^2 /NDF:454.7/4

Left: -7.898 $\pm$ 0.169 χ^2 /NDF: 1761.3/11

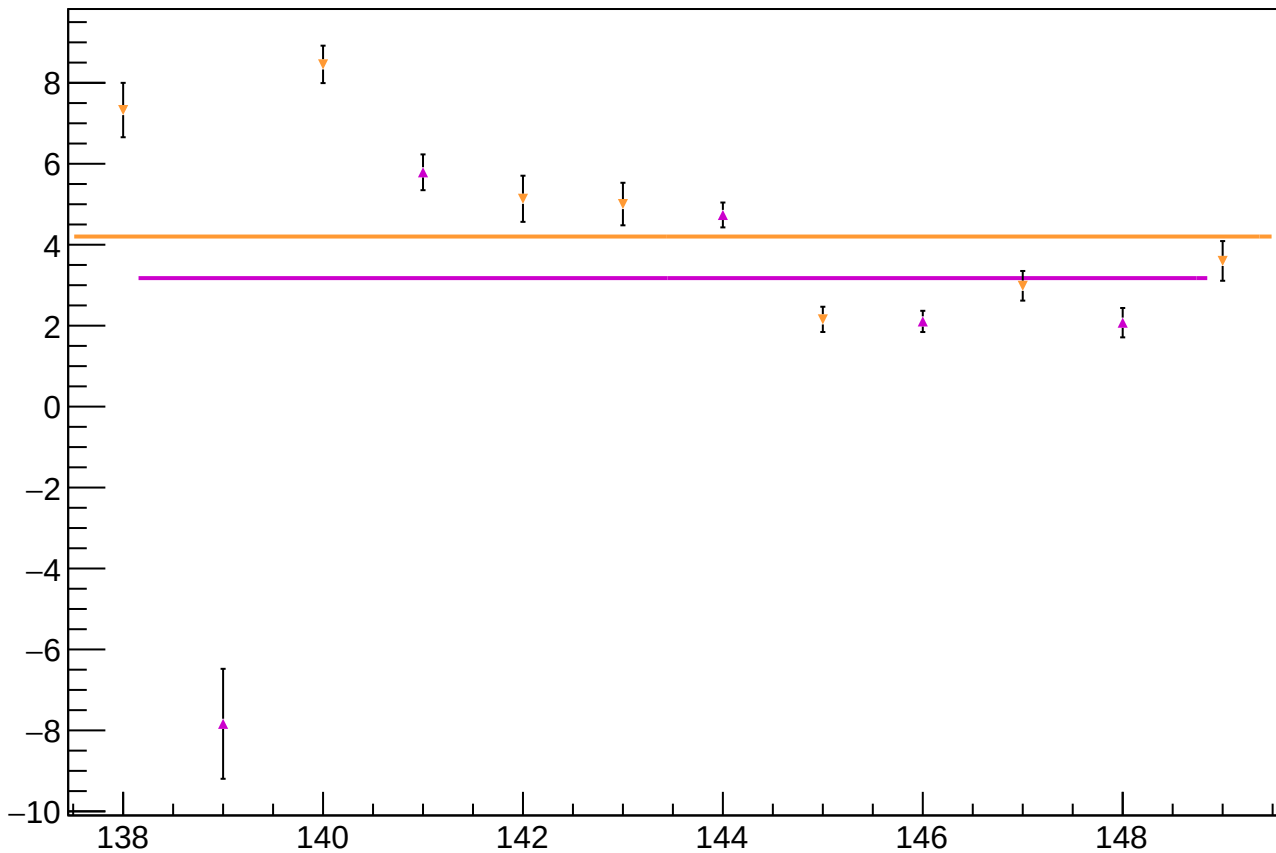
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.537 $\pm$ 0.242 χ^2 /NDF:454.7/4

Out: -10.152 $\pm$ 0.236 χ^2 /NDF:1120.4/6

All: -7.898 $\pm$ 0.169 χ^2 /NDF: 1761.3/11

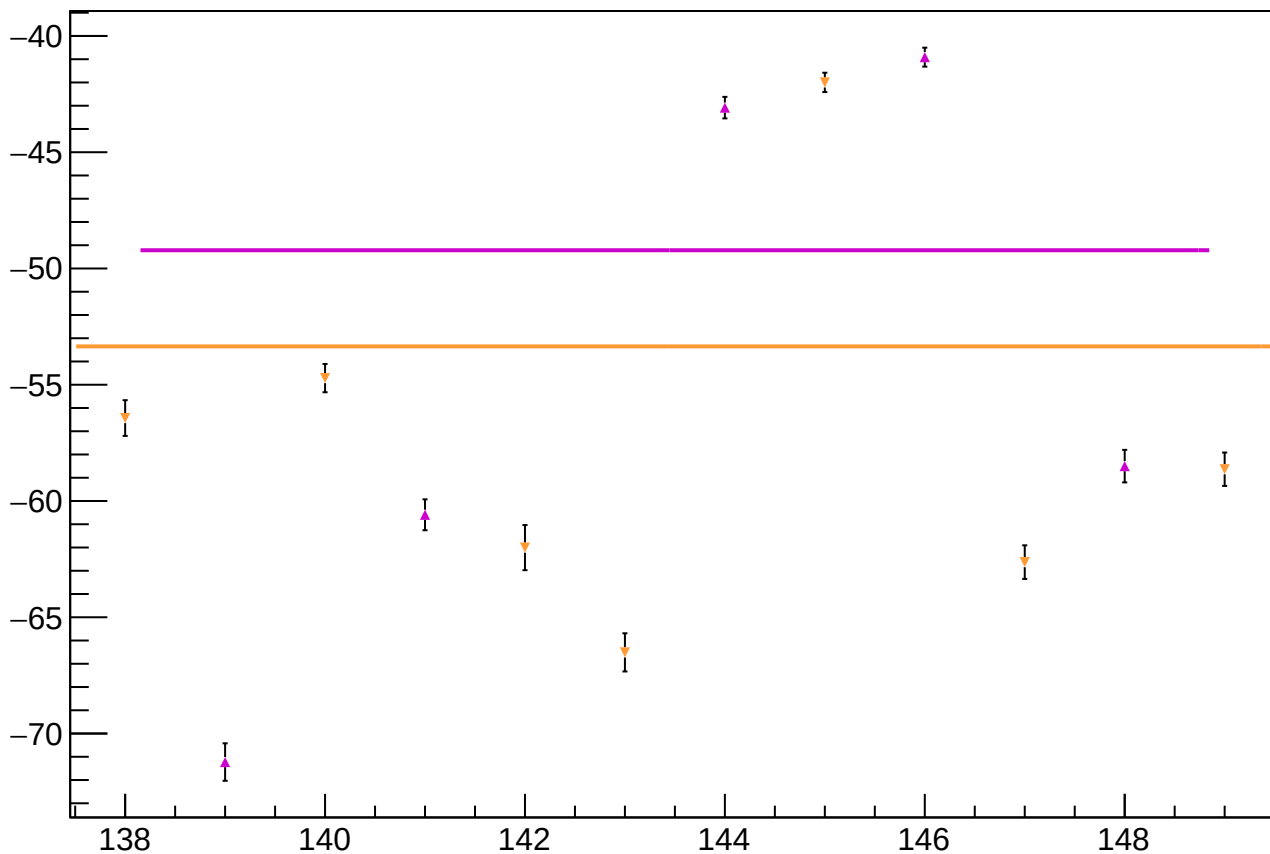
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.202 $\pm$ 0.168 χ^2 /NDF:166.9/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.175 $\pm$ 0.161 χ^2 /NDF:152.4/4

Left: 3.668 $\pm$ 0.116 χ^2 /NDF: 338.7/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.175 $\pm$ 0.161 χ^2 /NDF:152.4/4
 Out: 4.202 $\pm$ 0.168 χ^2 /NDF:166.9/6
 All: 3.668 $\pm$ 0.116 χ^2 /NDF: 338.7/11

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



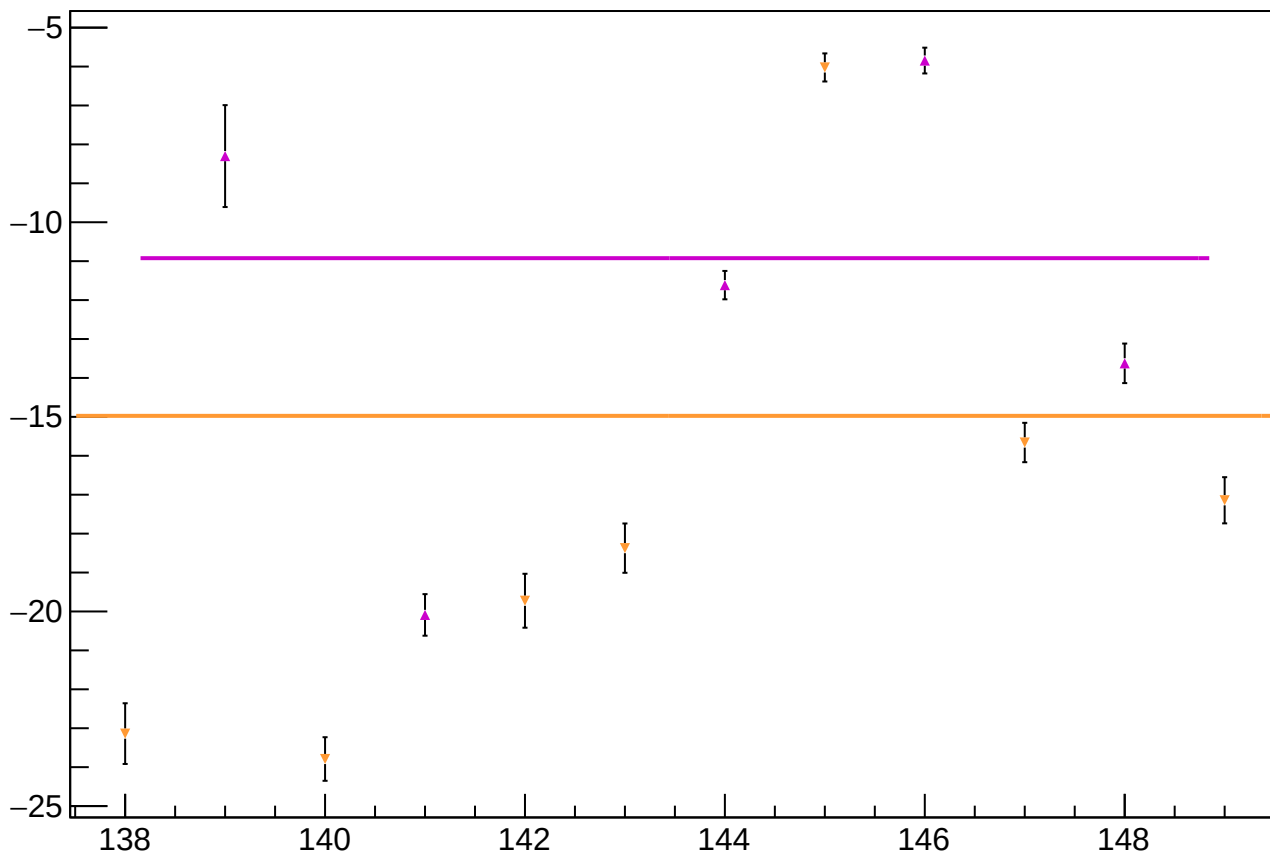
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -53.351+/-0.246 χ^2/NDF :1321.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -49.216+/-0.246 χ^2/NDF :1805.6/4

Left: -51.286+/-0.174 χ^2/NDF : 3269.1/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.216+/-0.246 χ^2/NDF :1805.6/4
 Out: -53.351+/-0.246 χ^2/NDF :1321.9/6

All: -51.286+/-0.174 χ^2/NDF : 3269.1/11

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: -14.974+/-0.205 χ^2/NDF :1063.8/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.923+/-0.202 χ^2/NDF :565.6/4

Left: -12.917+/-0.144 χ^2/NDF : 1828.1/11

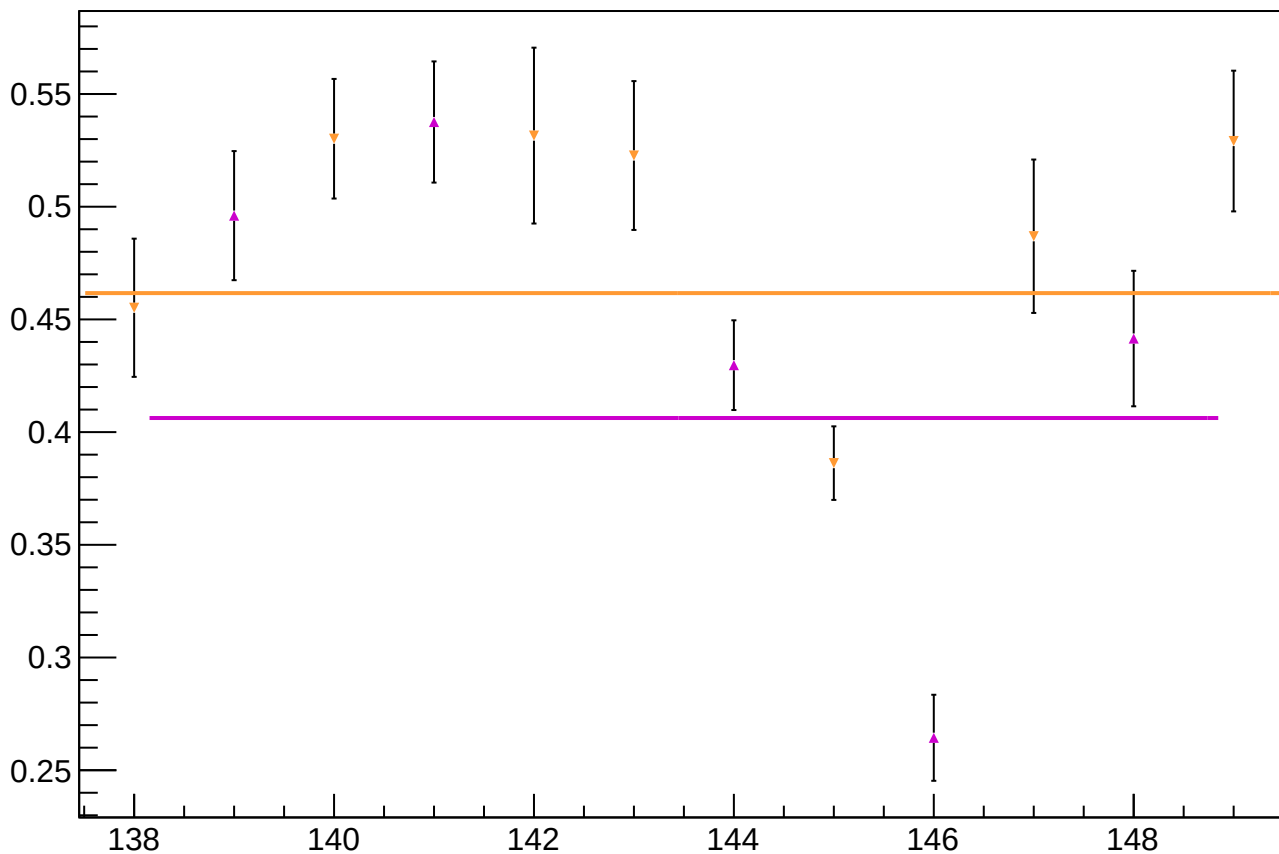
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.923+/-0.202 χ^2/NDF :565.6/4

Out: -14.974+/-0.205 χ^2/NDF :1063.8/6

All: -12.917+/-0.144 χ^2/NDF : 1828.1/11

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.462+/-0.010 χ^2/NDF :39.9/6

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

Left In: 0.406+/-0.011 χ^2/NDF :91.7/4

Left: 0.435+/-0.007 χ^2/NDF : 146.0/11

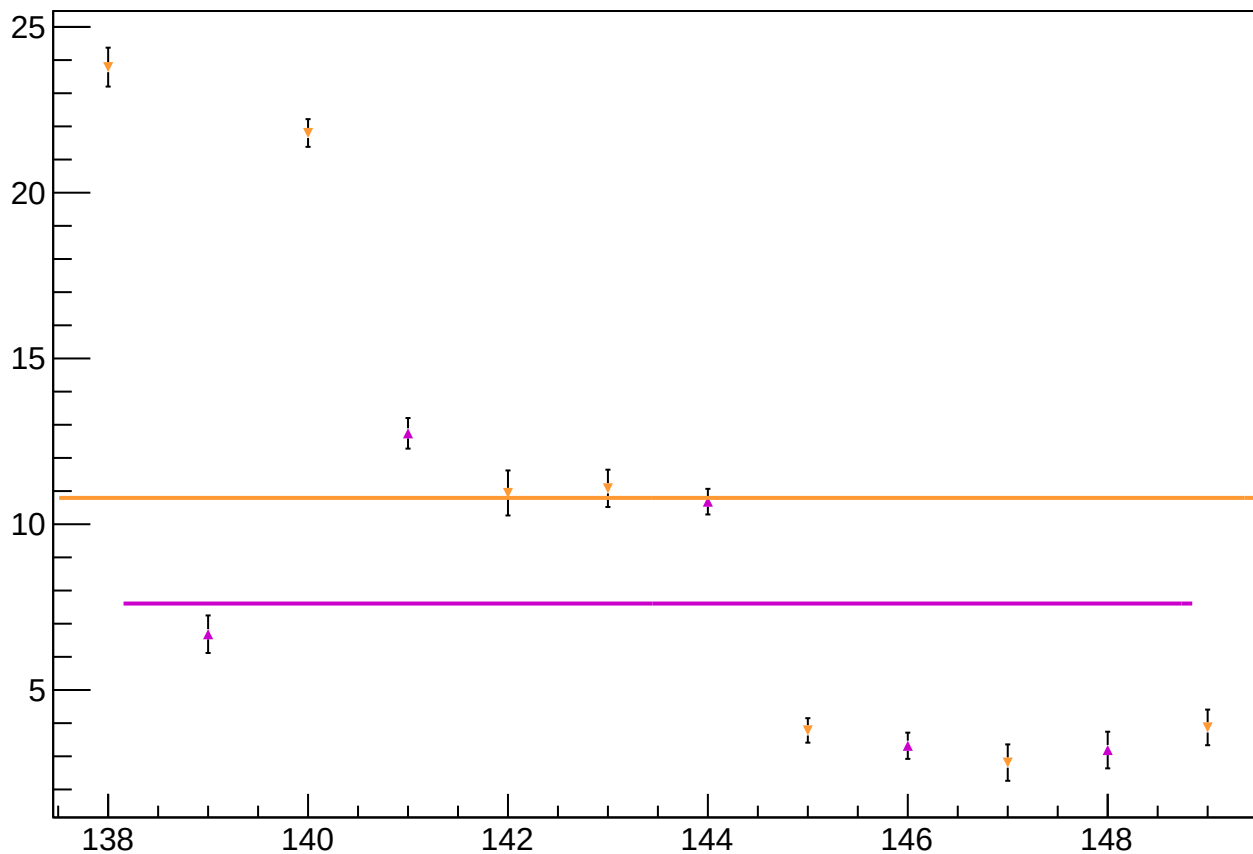
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.406+/-0.011 χ^2/NDF :91.7/4

Out: 0.462+/-0.010 χ^2/NDF :39.9/6

All: 0.435+/-0.007 χ^2/NDF : 146.0/11

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: 10.794+/-0.189 χ^2/NDF :1921.2/6

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

Left In: 7.608+/-0.203 χ^2/NDF :371.4/4

Left: 9.319+/-0.138 χ^2/NDF : 2424.5/11

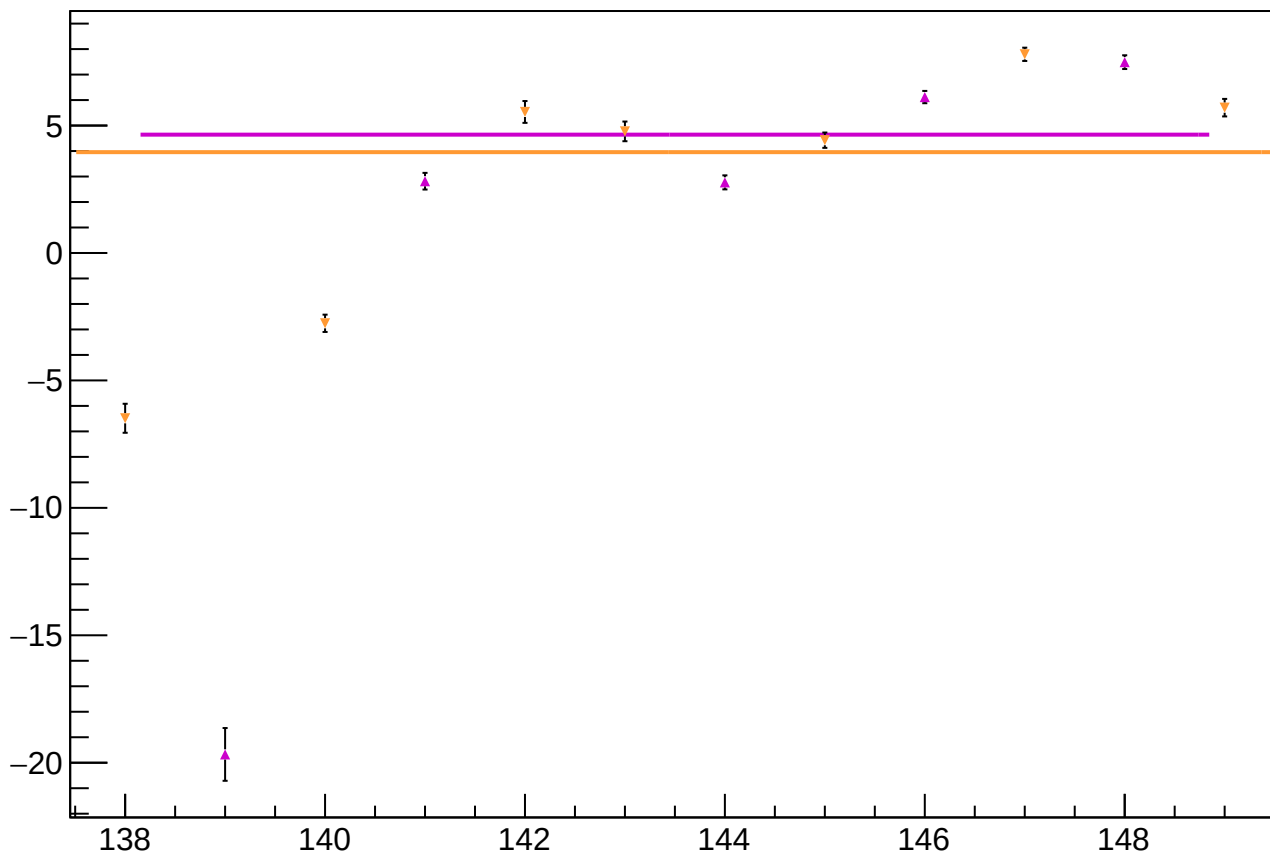
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.608+/-0.203 χ^2/NDF :371.4/4

Out: 10.794+/-0.189 χ^2/NDF :1921.2/6

All: 9.319+/-0.138 χ^2/NDF : 2424.5/11

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: 3.957+/-0.131 χ^2/NDF :990.6/6

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

Left In: 4.643+/-0.136 χ^2/NDF :778.0/4

Left: 4.288+/-0.094 χ^2/NDF : 1781.8/11

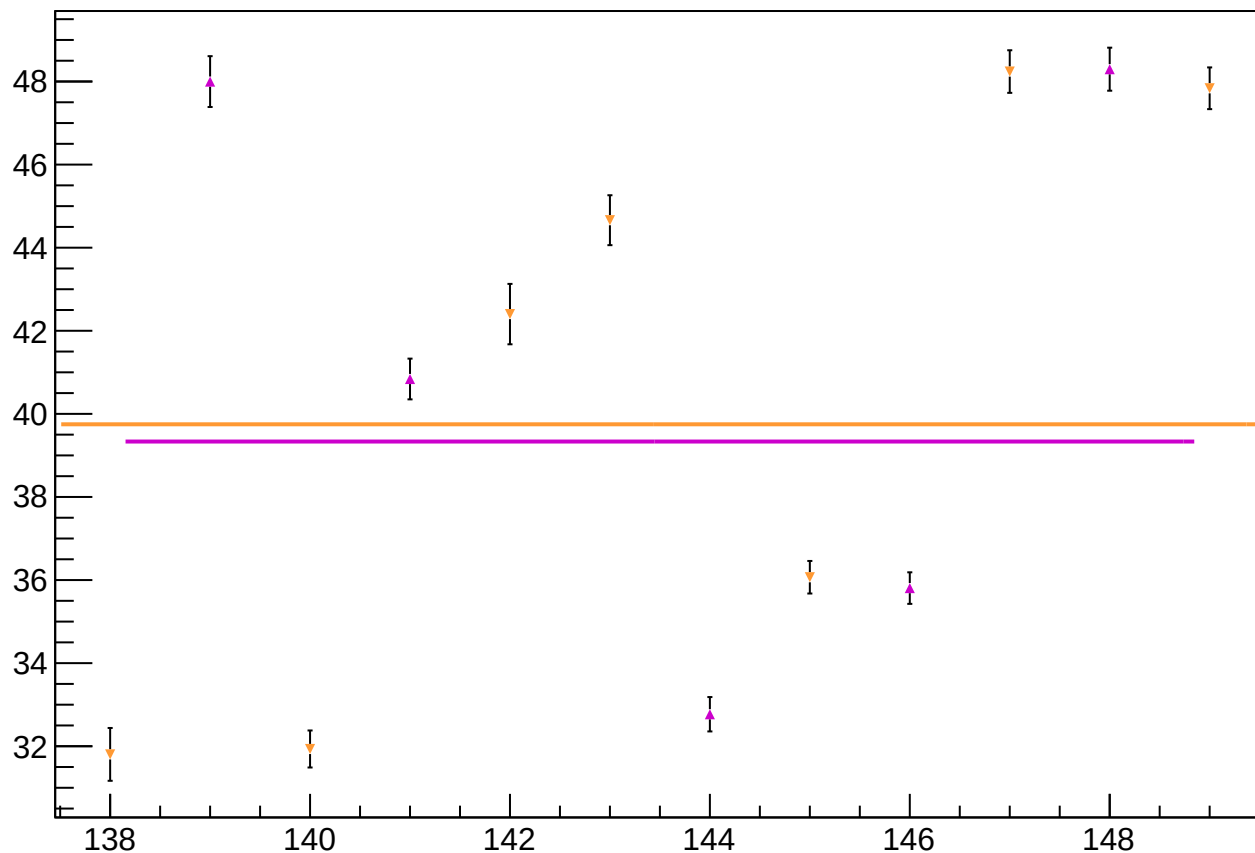
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.643+/-0.136 χ^2/NDF :778.0/4

Out: 3.957+/-0.131 χ^2/NDF :990.6/6

All: 4.288+/-0.094 χ^2/NDF : 1781.8/11

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: 39.749+/-0.194 χ^2/NDF :1166.2/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.334+/-0.207 χ^2/NDF :847.3/4

Left: 39.555+/-0.142 χ^2/NDF : 2015.6/11

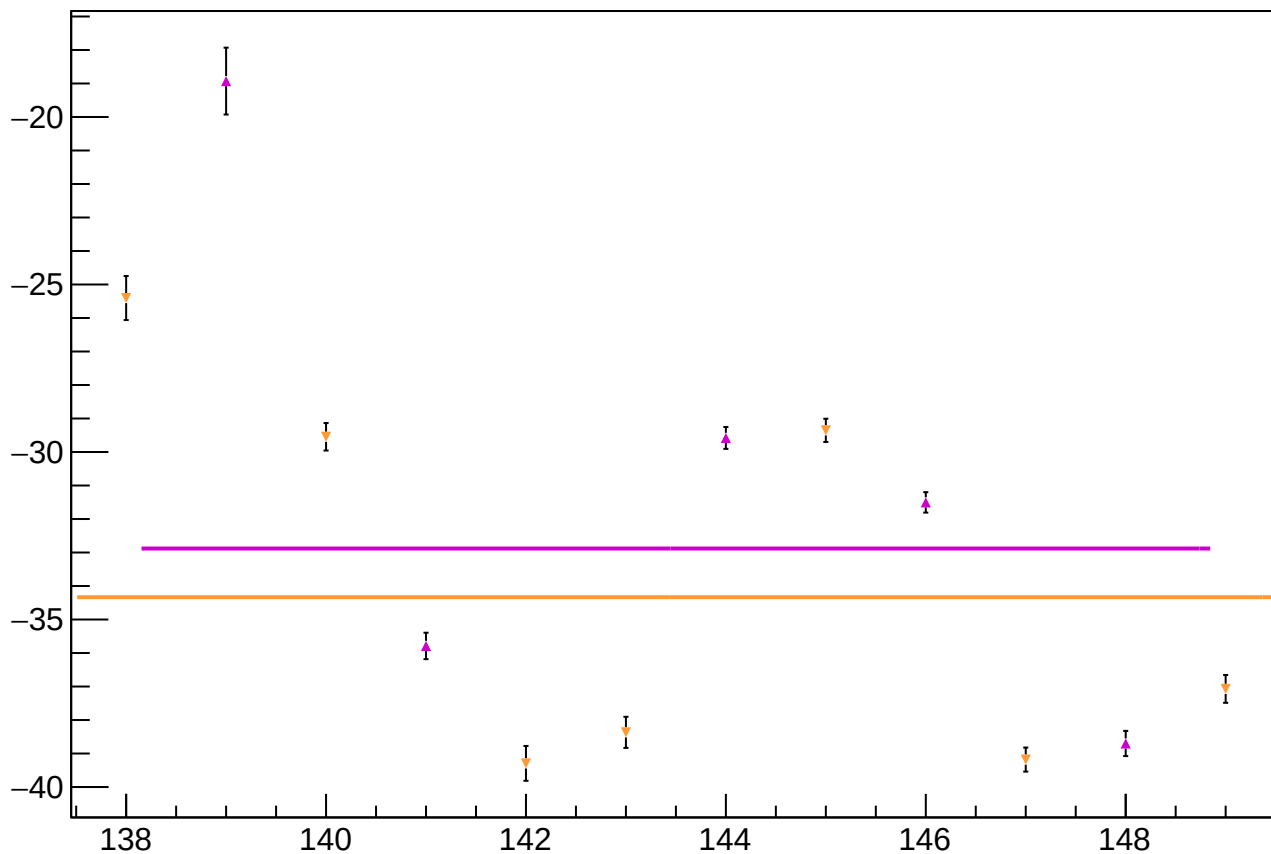
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.334+/-0.207 χ^2/NDF :847.3/4

Out: 39.749+/-0.194 χ^2/NDF :1166.2/6

All: 39.555+/-0.142 χ^2/NDF : 2015.6/11

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: -34.333+/-0.161 χ^2/NDF : 919.8/6

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

Left In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Left: -33.645+/-0.117 χ^2/NDF : 1569.9/11

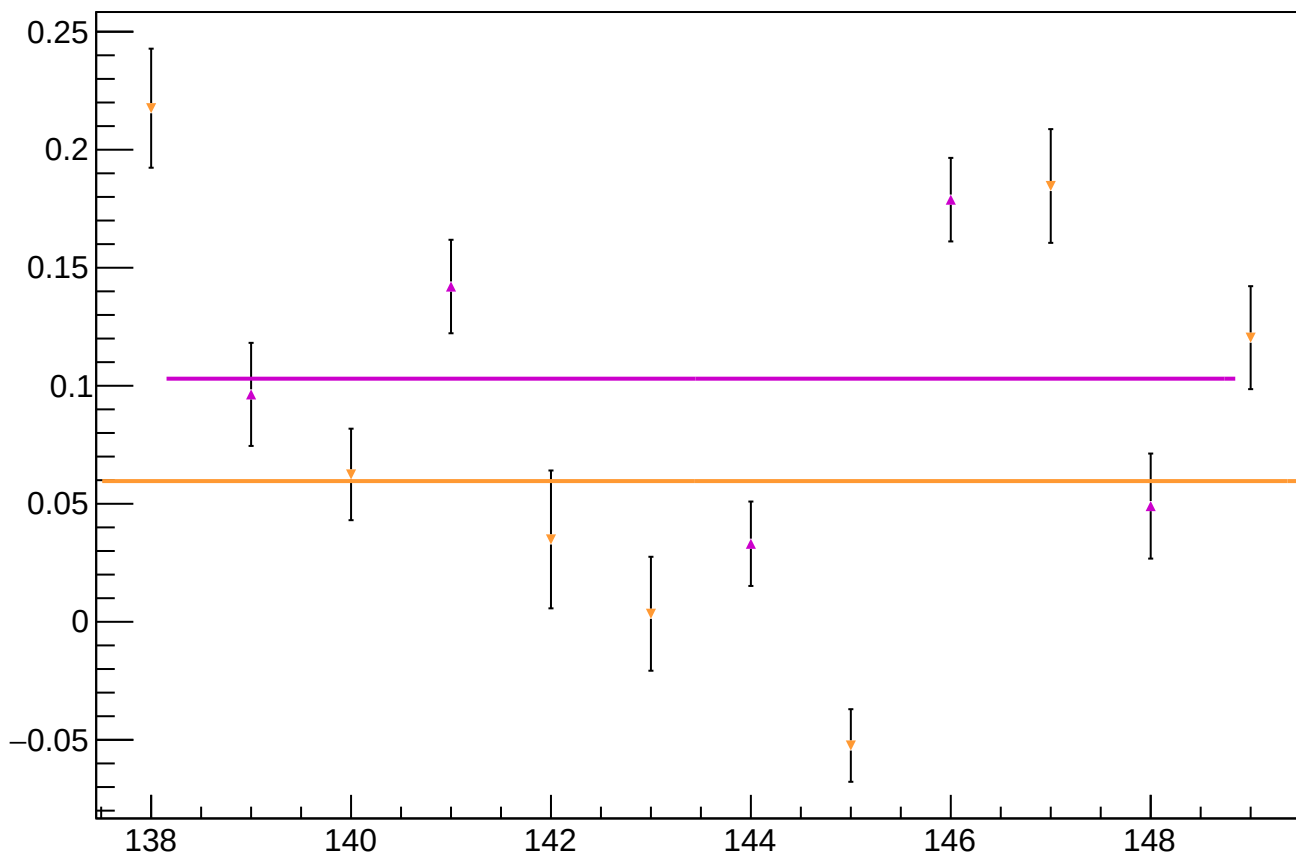
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Out: -34.333+/-0.161 χ^2/NDF : 919.8/6

All: -33.645+/-0.117 χ^2/NDF : 1569.9/11

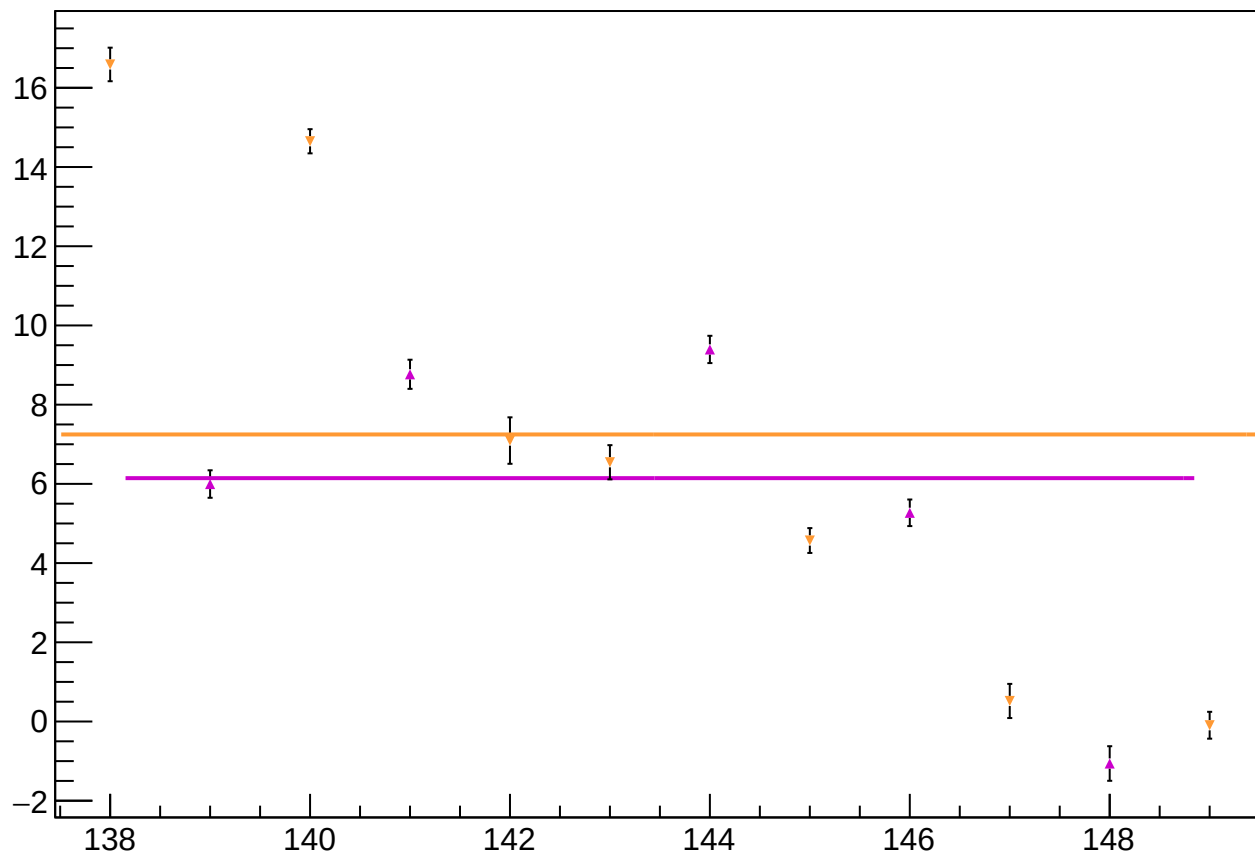
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.060 $\pm$ 0.008 χ^2 /NDF:133.1/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4

Left: 0.080 $\pm$ 0.006 χ^2 /NDF: 189.8/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4
 Out: 0.060 $\pm$ 0.008 χ^2 /NDF:133.1/6
 All: 0.080 $\pm$ 0.006 χ^2 /NDF: 189.8/11

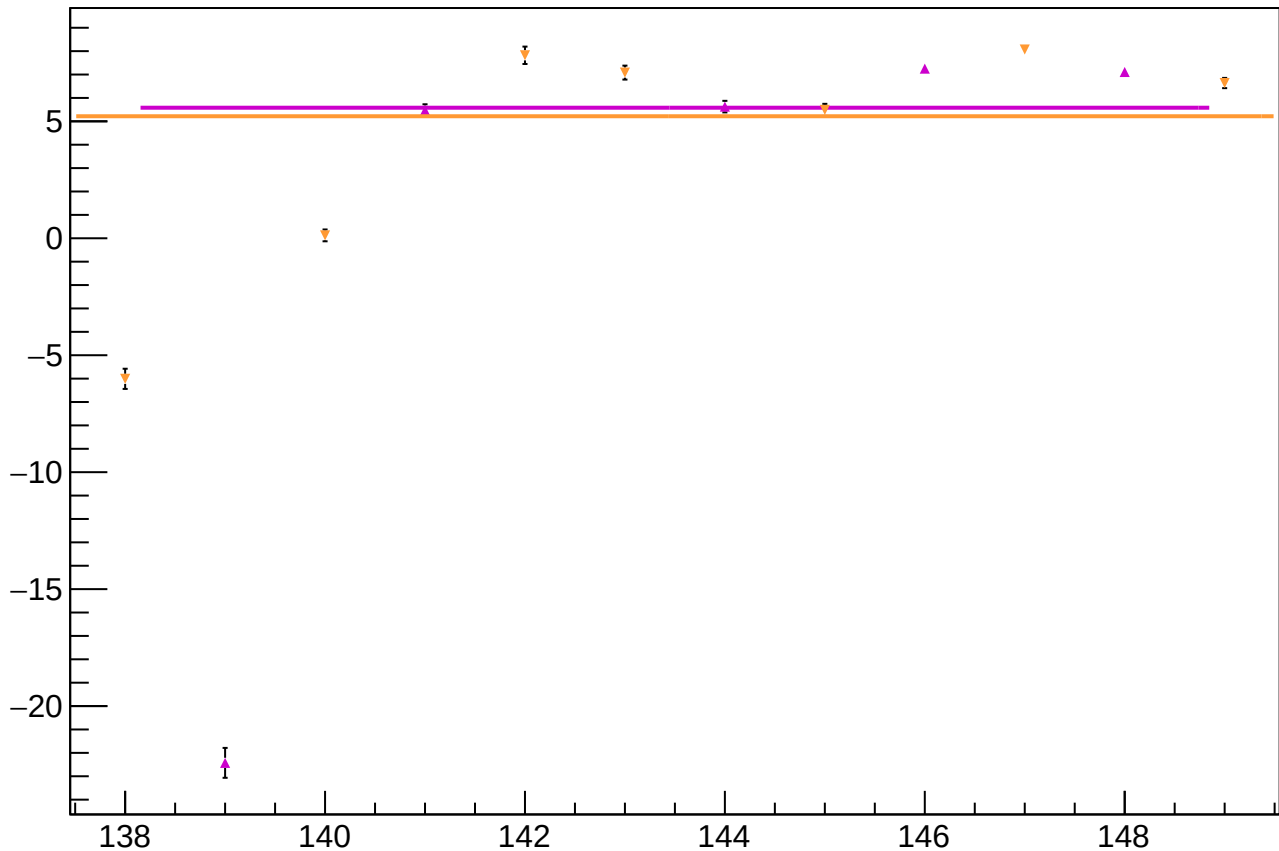
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.248+/-0.143 χ^2/NDF :1862.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.145+/-0.162 χ^2/NDF :419.1/4

Left: 6.763+/-0.107 χ^2/NDF : 2307.4/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.145+/-0.162 χ^2/NDF :419.1/4
 Out: 7.248+/-0.143 χ^2/NDF :1862.1/6
 All: 6.763+/-0.107 χ^2/NDF : 2307.4/11

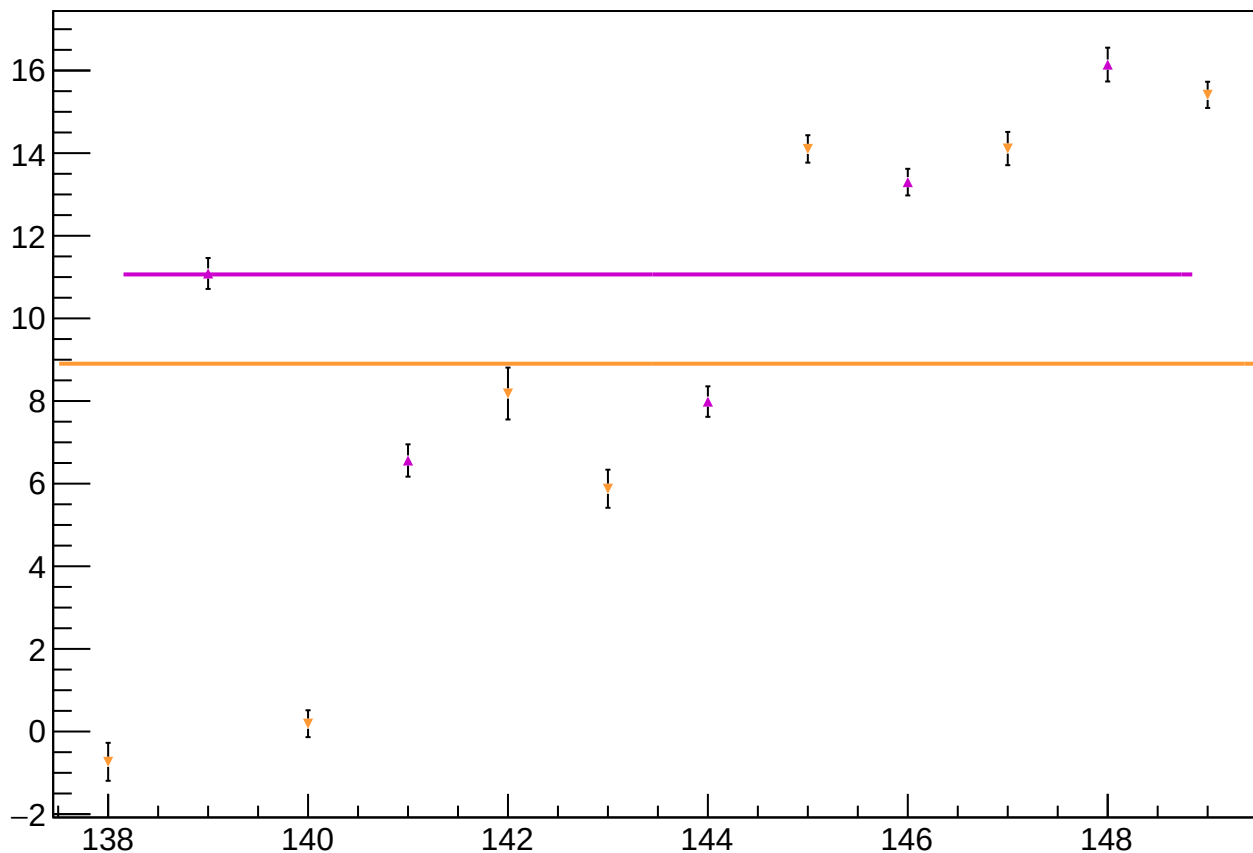
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.217 $\pm$ 0.101 χ^2 /NDF:1404.0/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4

Left: 5.376 $\pm$ 0.076 χ^2 /NDF: 3442.9/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4
 Out: 5.217 $\pm$ 0.101 χ^2 /NDF:1404.0/6
 All: 5.376 $\pm$ 0.076 χ^2 /NDF: 3442.9/11

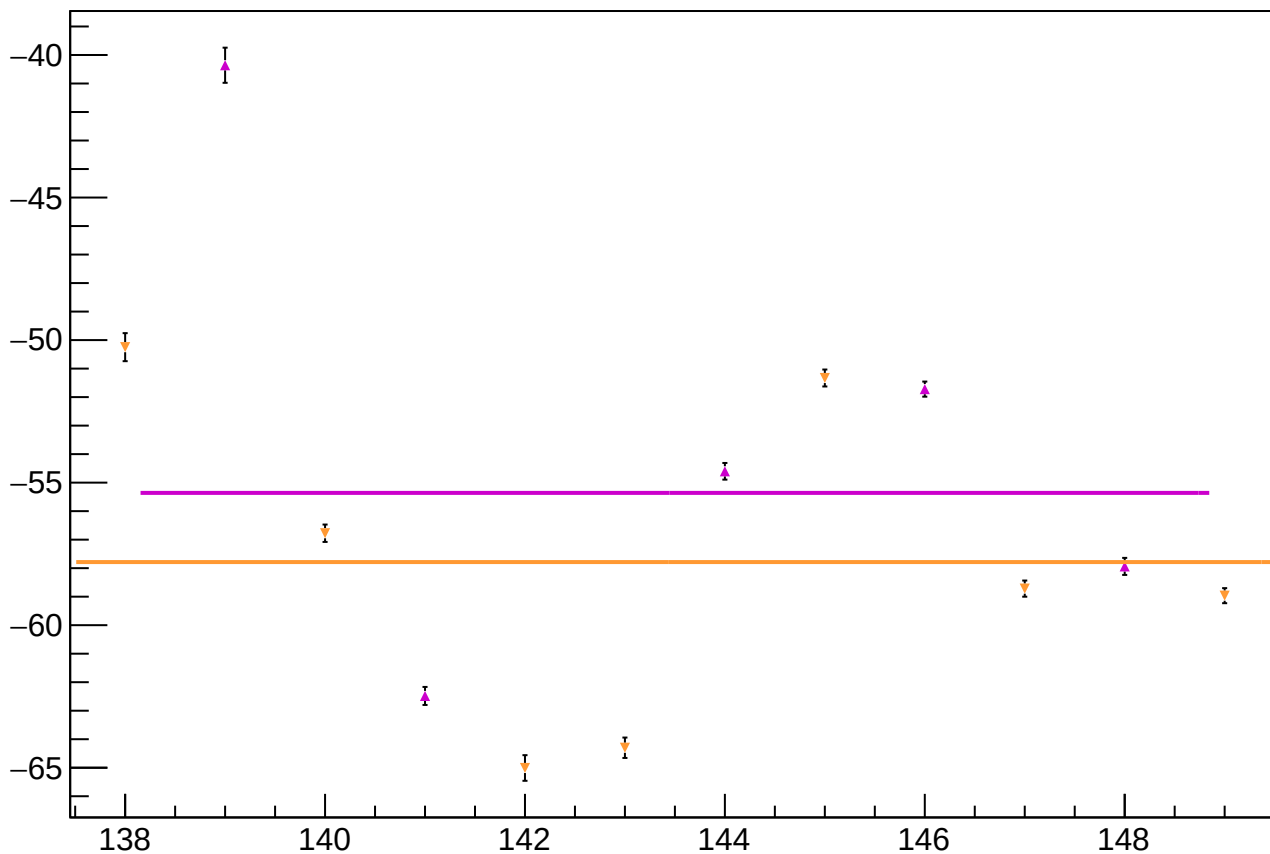
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.903+/-0.146 χ^2/NDF :2036.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.064+/-0.165 χ^2/NDF :404.3/4

Left: 9.854+/-0.110 χ^2/NDF : 2536.1/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.064+/-0.165 χ^2/NDF :404.3/4
 Out: 8.903+/-0.146 χ^2/NDF :2036.0/6
 All: 9.854+/-0.110 χ^2/NDF : 2536.1/11

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: -57.786+/-0.123 χ^2/NDF :1338.6/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.360+/-0.142 χ^2/NDF :1370.5/4

Left: -56.741+/-0.093 χ^2/NDF : 2876.0/11

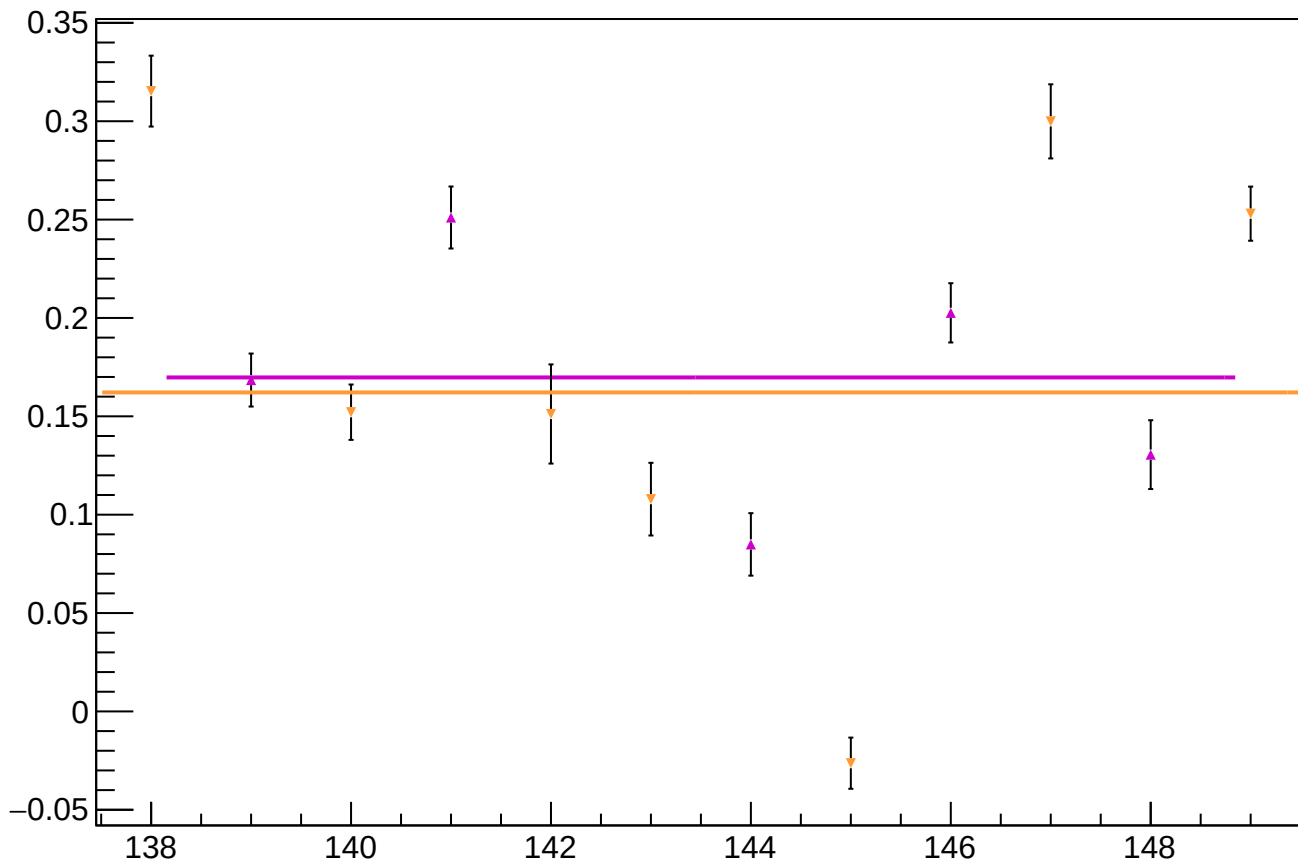
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.360+/-0.142 χ^2/NDF :1370.5/4

Out: -57.786+/-0.123 χ^2/NDF :1338.6/6

All: -56.741+/-0.093 χ^2/NDF : 2876.0/11

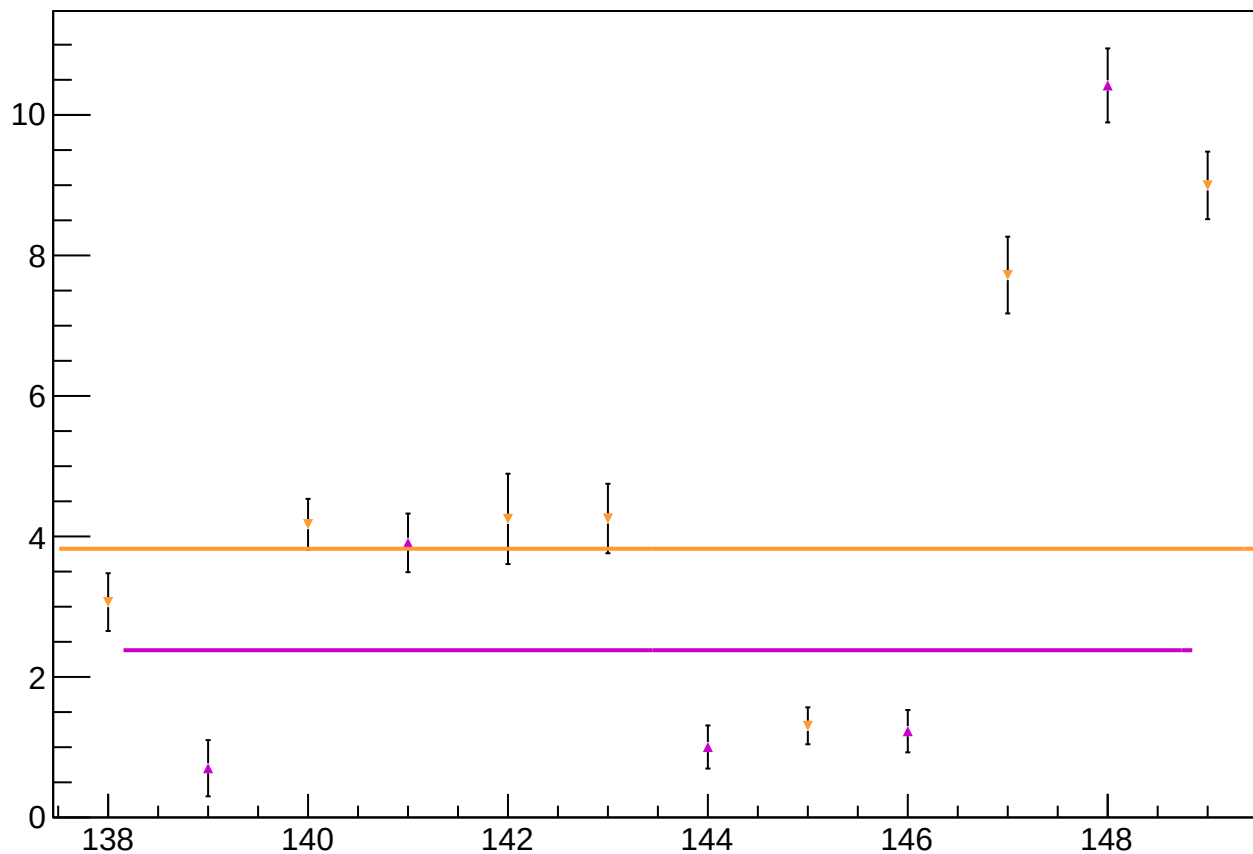
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.162+/-0.006 χ^2/NDF :388.5/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.170+/-0.007 χ^2/NDF :64.9/4

Left: 0.166+/-0.005 χ^2/NDF : 454.1/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.170+/-0.007 χ^2/NDF :64.9/4
 Out: 0.162+/-0.006 χ^2/NDF :388.5/6
 All: 0.166+/-0.005 χ^2/NDF : 454.1/11

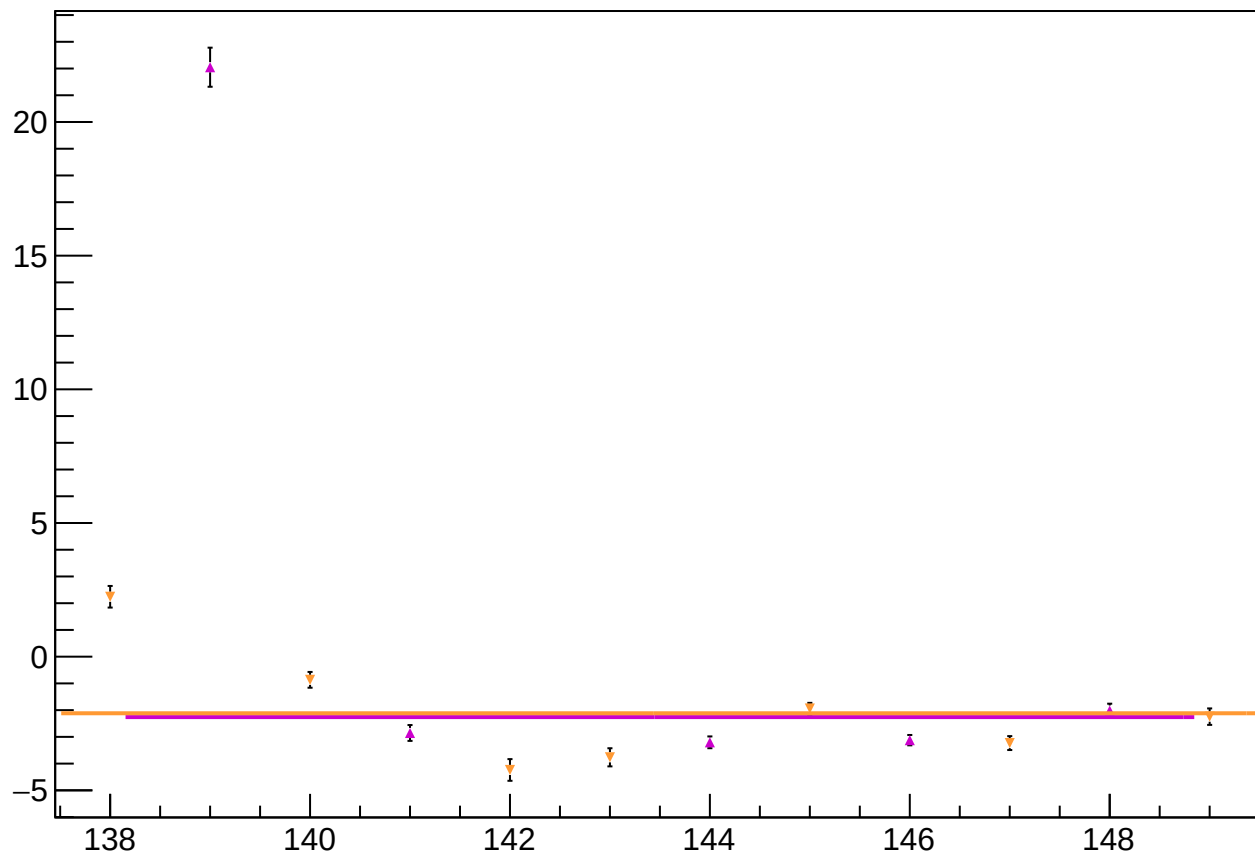
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.825 $\pm$ 0.154 χ^2 /NDF:264.1/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.380 $\pm$ 0.164 χ^2 /NDF:298.8/4

Left: 3.149 $\pm$ 0.112 χ^2 /NDF: 604.1/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.380 $\pm$ 0.164 χ^2 /NDF:298.8/4
 Out: 3.825 $\pm$ 0.154 χ^2 /NDF:264.1/6
 All: 3.149 $\pm$ 0.112 χ^2 /NDF: 604.1/11

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: -2.117+/-0.112 χ^2/NDF : 204.4/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

Left: -2.186+/-0.080 χ^2/NDF : 1354.0/11

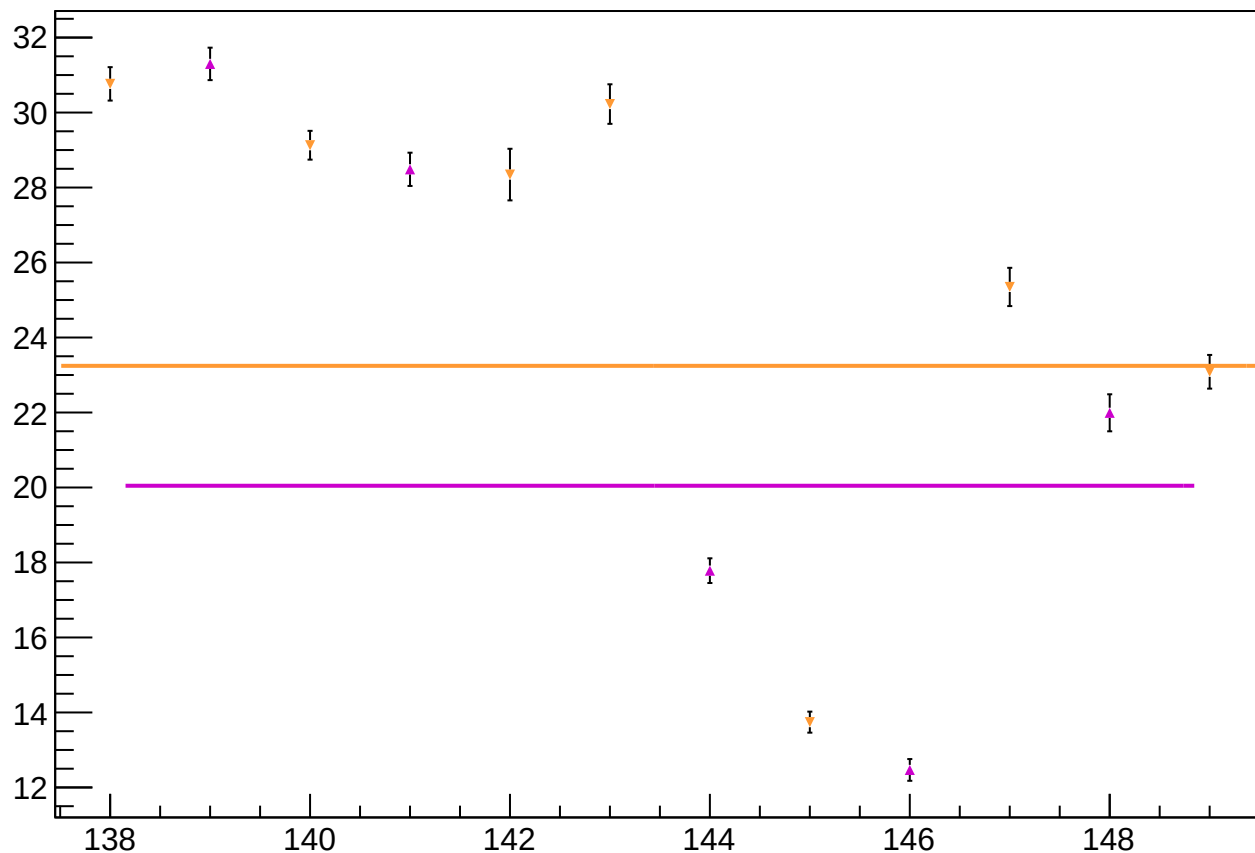
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

Out: -2.117+/-0.112 χ^2/NDF : 204.4/6

All: -2.186+/-0.080 χ^2/NDF : 1354.0/11

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: 23.245+/-0.160 χ^2/NDF :1915.6/6

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

Left In: 20.047+/-0.168 χ^2/NDF :1783.8/4

Left: 21.719+/-0.116 χ^2/NDF : 3889.9/11

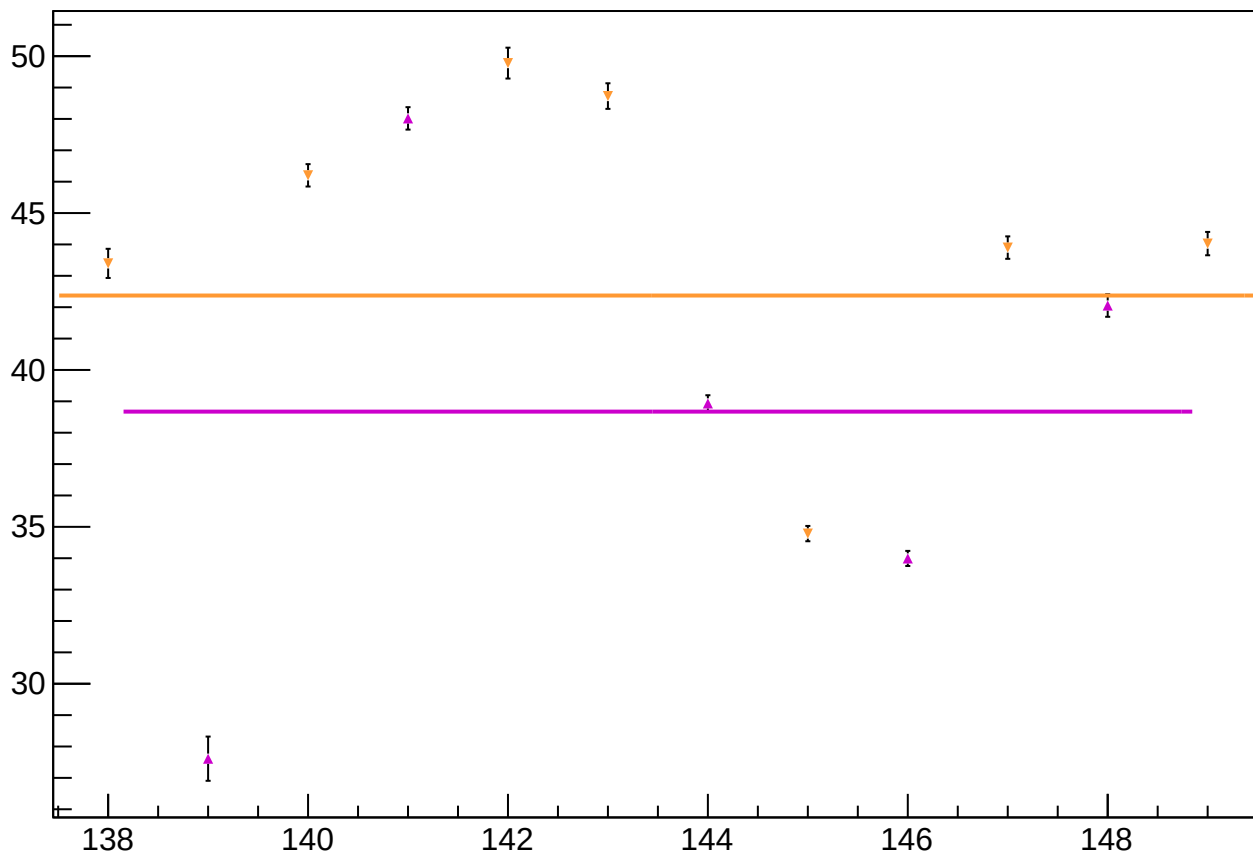
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.047+/-0.168 χ^2/NDF :1783.8/4

Out: 23.245+/-0.160 χ^2/NDF :1915.6/6

All: 21.719+/-0.116 χ^2/NDF : 3889.9/11

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: 42.372+/-0.136 χ^2/NDF :1594.6/6

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

Left In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Left: 40.609+/-0.098 χ^2/NDF : 3347.4/11

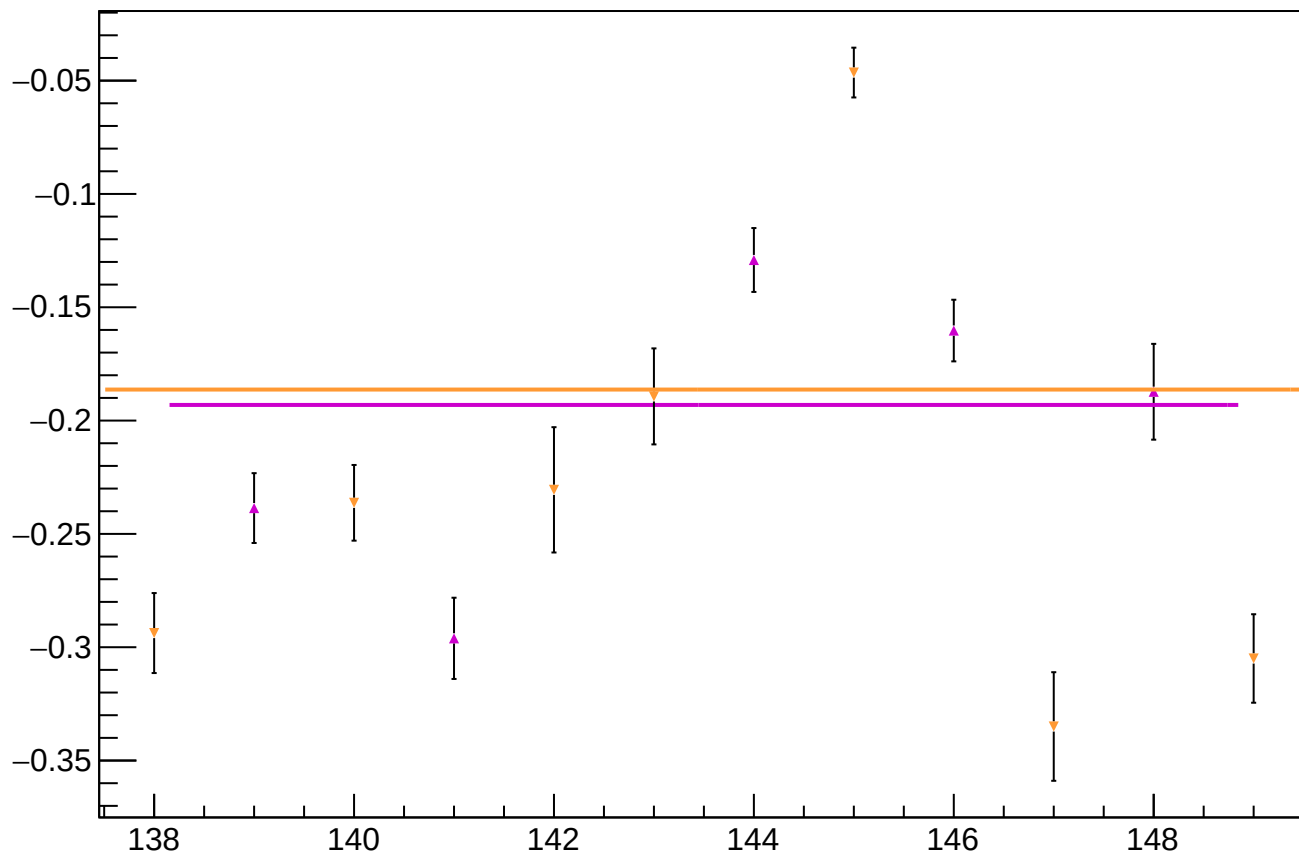
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Out: 42.372+/-0.136 χ^2/NDF :1594.6/6

All: 40.609+/-0.098 χ^2/NDF : 3347.4/11

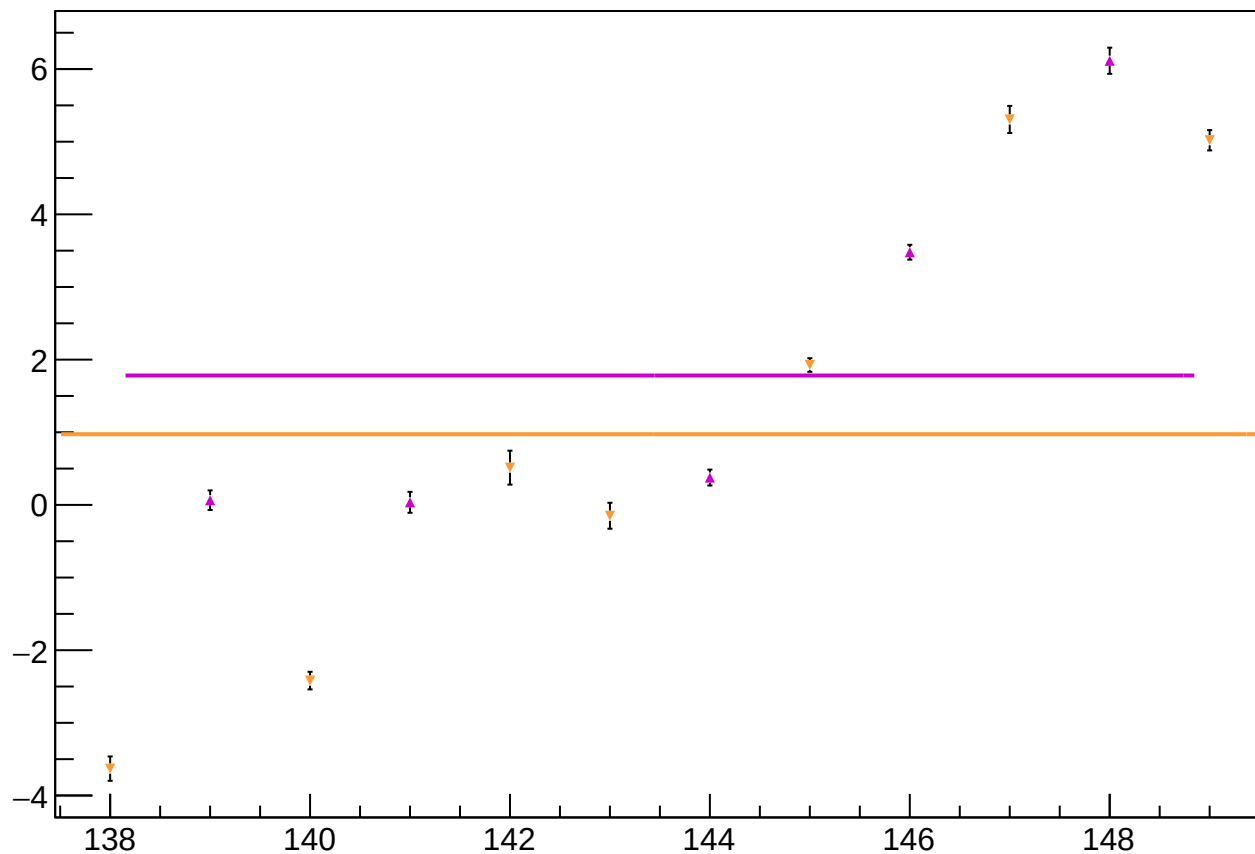
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.186 $\pm$ 0.007 χ^2 /NDF:286.2/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.193 $\pm$ 0.007 χ^2 /NDF:68.2/4

Left: -0.189 $\pm$ 0.005 χ^2 /NDF: 354.9/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.193 $\pm$ 0.007 χ^2 /NDF:68.2/4
 Out: -0.186 $\pm$ 0.007 χ^2 /NDF:286.2/6
 All: -0.189 $\pm$ 0.005 χ^2 /NDF: 354.9/11

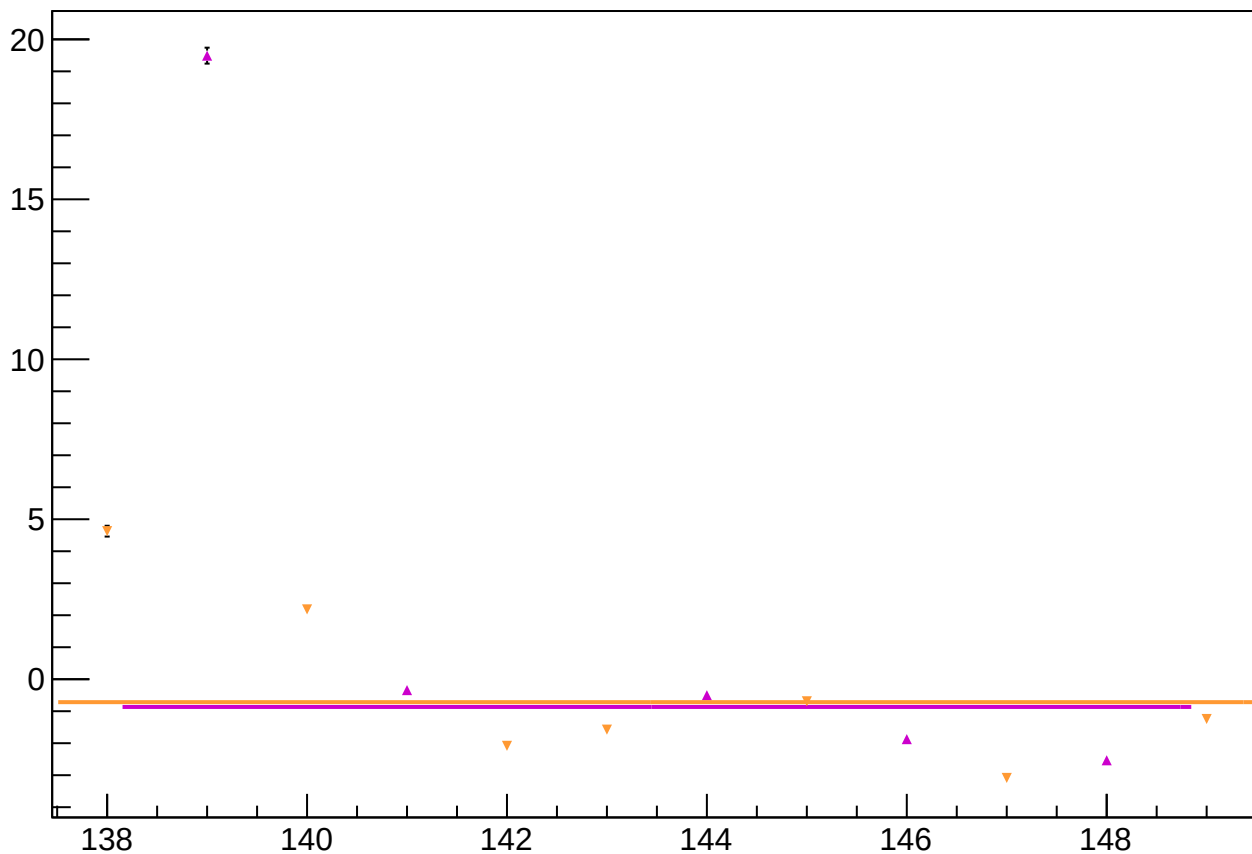
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.974 $\pm$ 0.054 χ^2 /NDF:3060.5/6
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.782 $\pm$ 0.057 χ^2 /NDF:1328.5/4

Left: 1.357 $\pm$ 0.039 χ^2 /NDF: 4496.4/11
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.782 $\pm$ 0.057 χ^2 /NDF:1328.5/4
 Out: 0.974 $\pm$ 0.054 χ^2 /NDF:3060.5/6
 All: 1.357 $\pm$ 0.039 χ^2 /NDF: 4496.4/11

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: -0.717 ± 0.039 χ^2/NDF : 2706.3/6
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.867 ± 0.040 χ^2/NDF : 7300.2/4

Left: -0.789 ± 0.028 χ^2/NDF : 10013.7/11

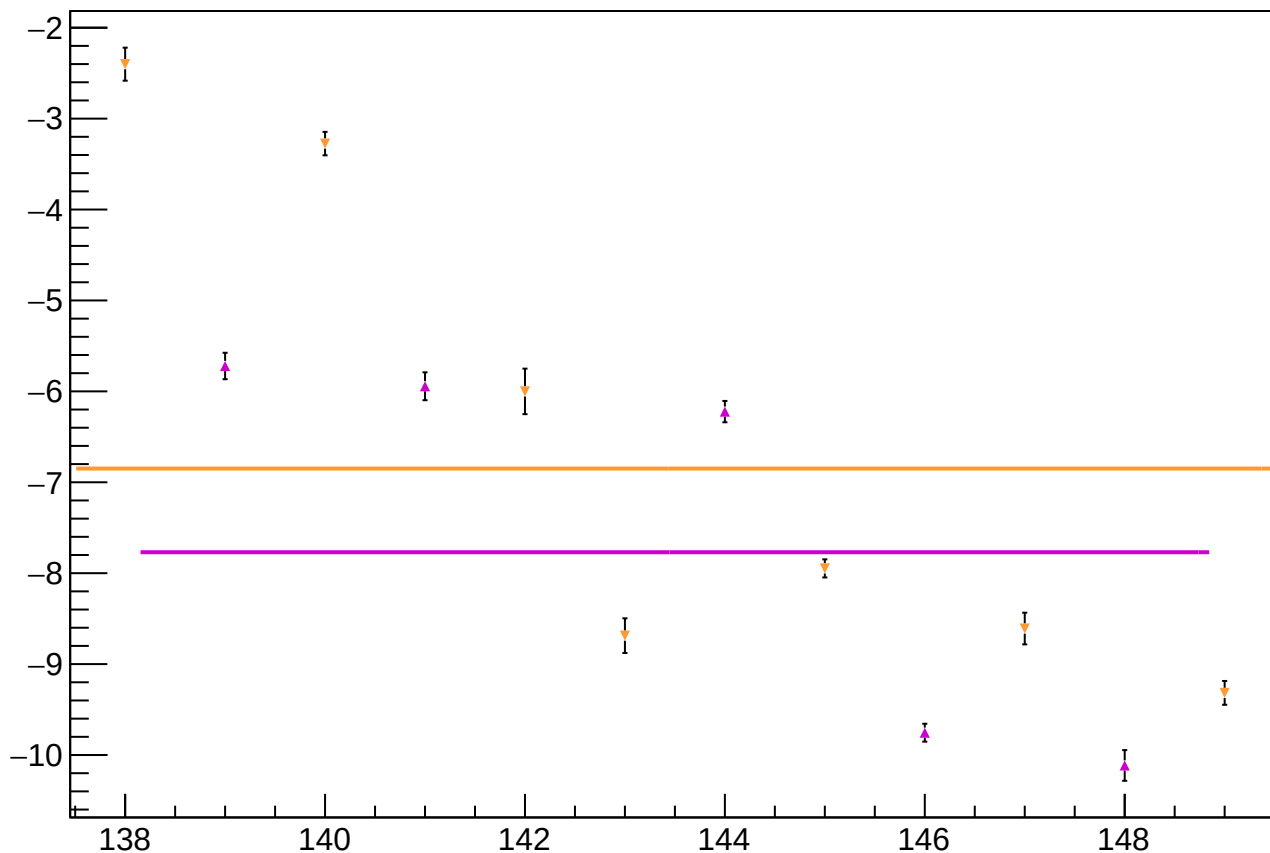
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.867 ± 0.040 χ^2/NDF : 7300.2/4

Out: -0.717 ± 0.039 χ^2/NDF : 2706.3/6

All: -0.789 ± 0.028 χ^2/NDF : 10013.7/11

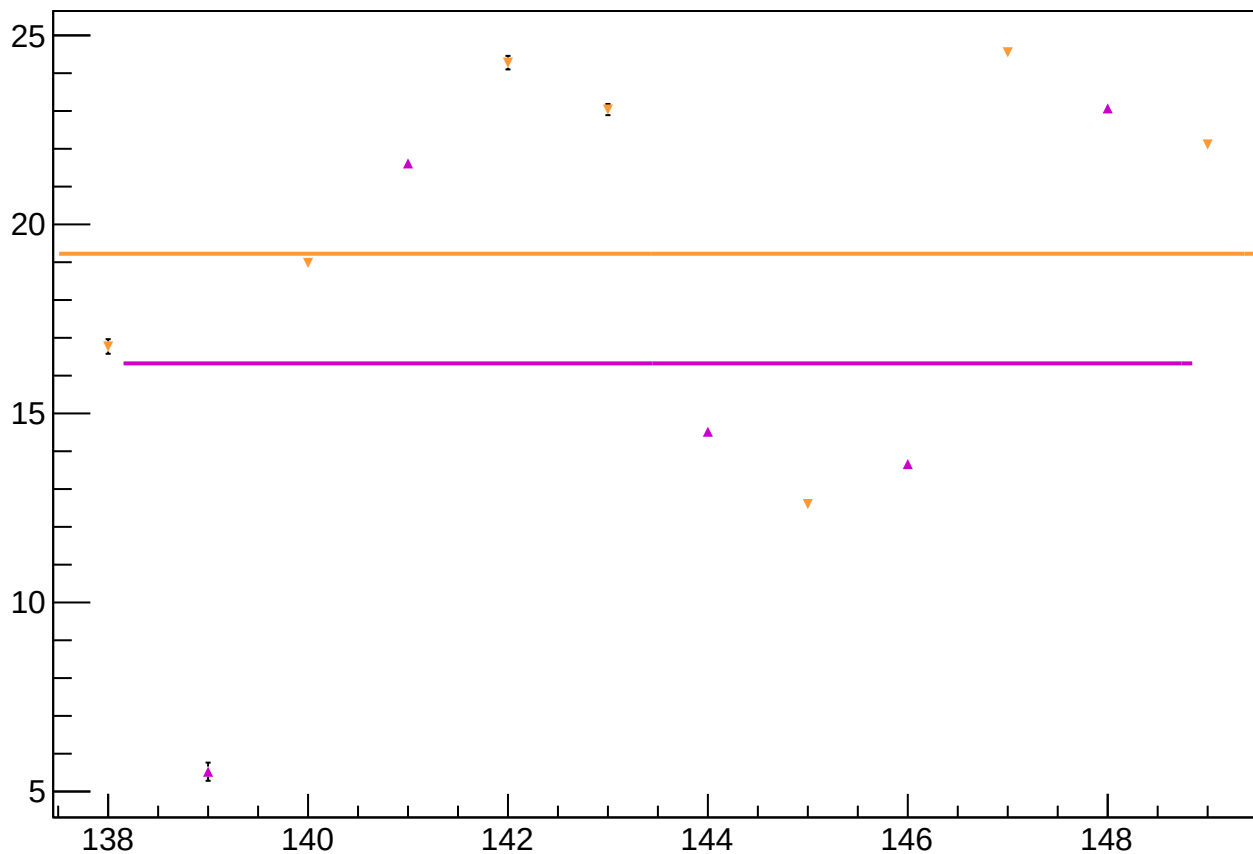
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.849+/-0.055 χ^2/NDF :2050.4/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.058 χ^2/NDF :1113.8/4

Left: -7.291+/-0.040 χ^2/NDF : 3296.6/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.058 χ^2/NDF :1113.8/4
 Out: -6.849+/-0.055 χ^2/NDF :2050.4/6
 All: -7.291+/-0.040 χ^2/NDF : 3296.6/11

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: 19.224+/-0.047 χ^2/NDF : 9853.2/6

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

Left In: 16.324+/-0.049 χ^2/NDF : 8261.1/4

Left: 17.841+/-0.034 χ^2/NDF : 19925.9/11

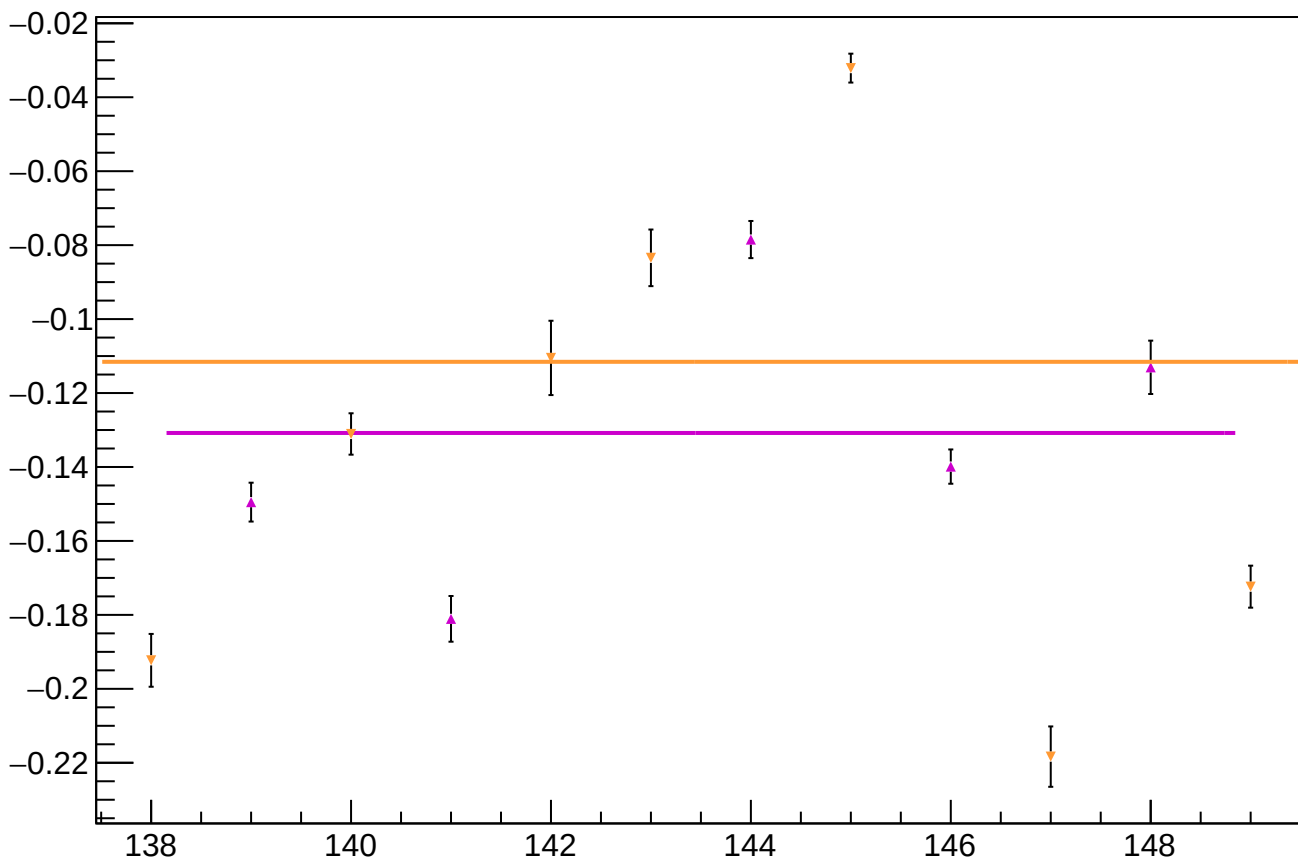
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.324+/-0.049 χ^2/NDF : 8261.1/4

Out: 19.224+/-0.047 χ^2/NDF : 9853.2/6

All: 17.841+/-0.034 χ^2/NDF : 19925.9/11

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: -0.112+/-0.002 χ^2/NDF : 852.3/6

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

Left In: -0.131+/-0.002 χ^2/NDF : 197.3/4

Left: -0.121+/-0.002 χ^2/NDF : 1082.6/11

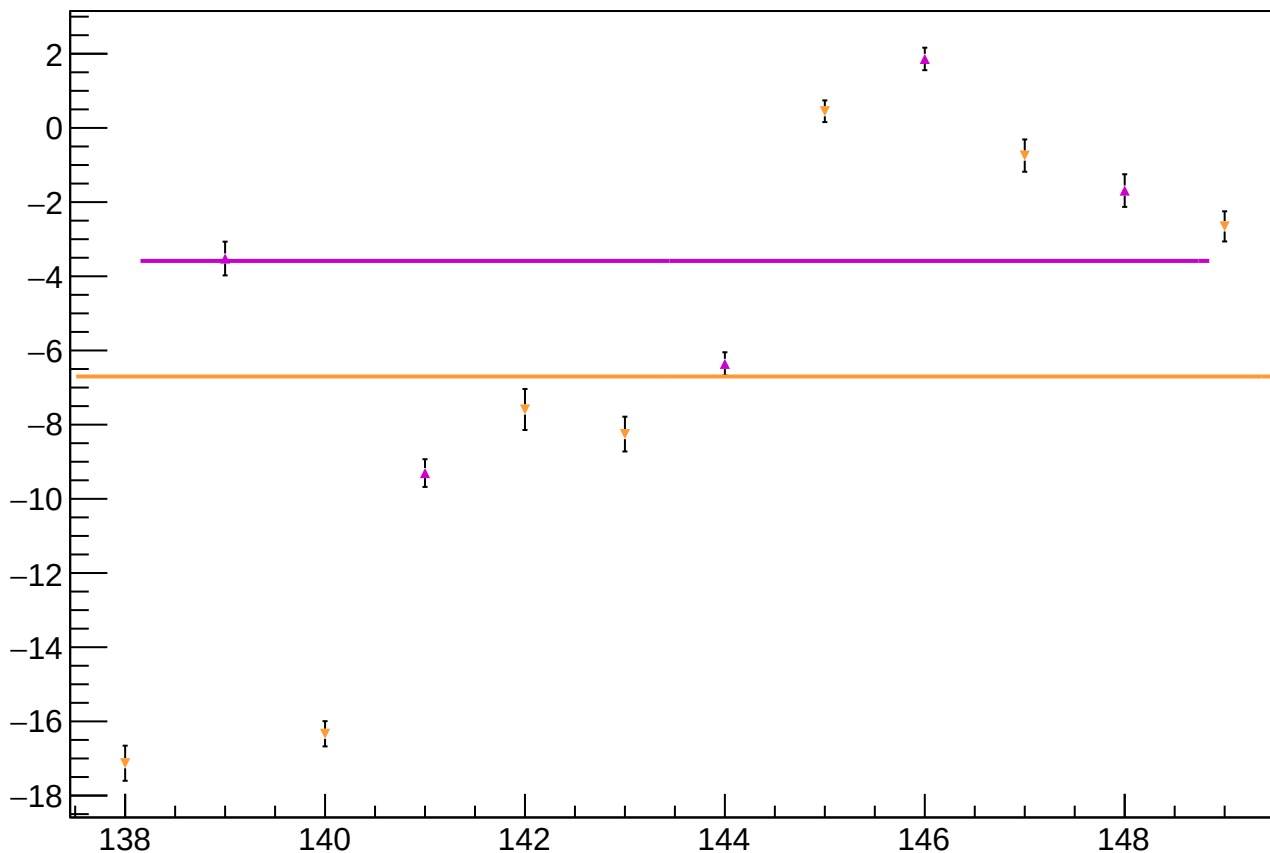
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.131+/-0.002 χ^2/NDF : 197.3/4

Out: -0.112+/-0.002 χ^2/NDF : 852.3/6

All: -0.121+/-0.002 χ^2/NDF : 1082.6/11

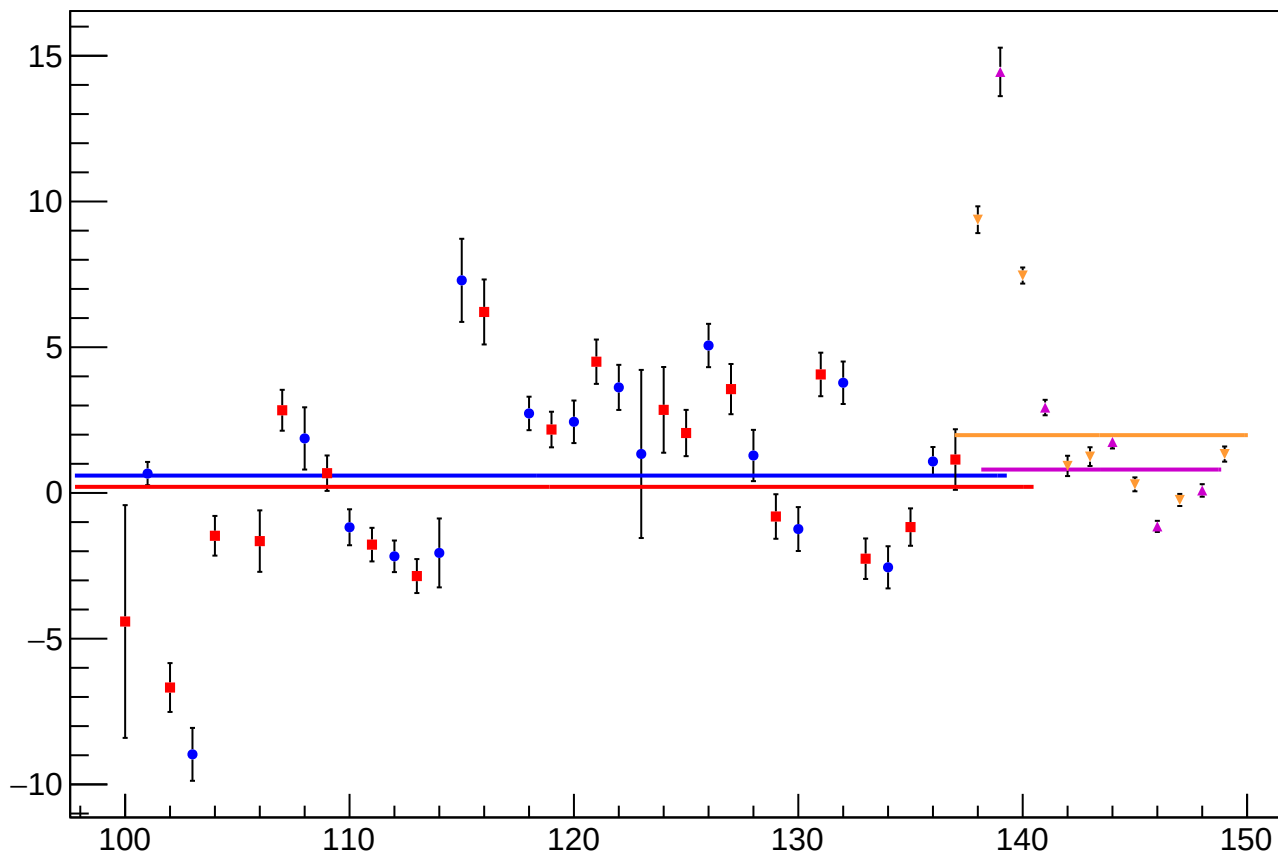
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.701+/-0.151 χ^2/NDF : 2187.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.586+/-0.162 χ^2/NDF : 653.4/4

Left: -5.253+/-0.110 χ^2/NDF : 3039.0/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.586+/-0.162 χ^2/NDF : 653.4/4
 Out: -6.701+/-0.151 χ^2/NDF : 2187.0/6
 All: -5.253+/-0.110 χ^2/NDF : 3039.0/11

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: 1.983 $\pm$ 0.105 χ^2 /NDF:837.6/6

Right Out: 0.209 $\pm$ 0.175 χ^2 /NDF: 273.5/18

Left In: 0.803 $\pm$ 0.109 χ^2 /NDF:466.9/4

Left: 1.415 $\pm$ 0.075 χ^2 /NDF: 1365.8/11

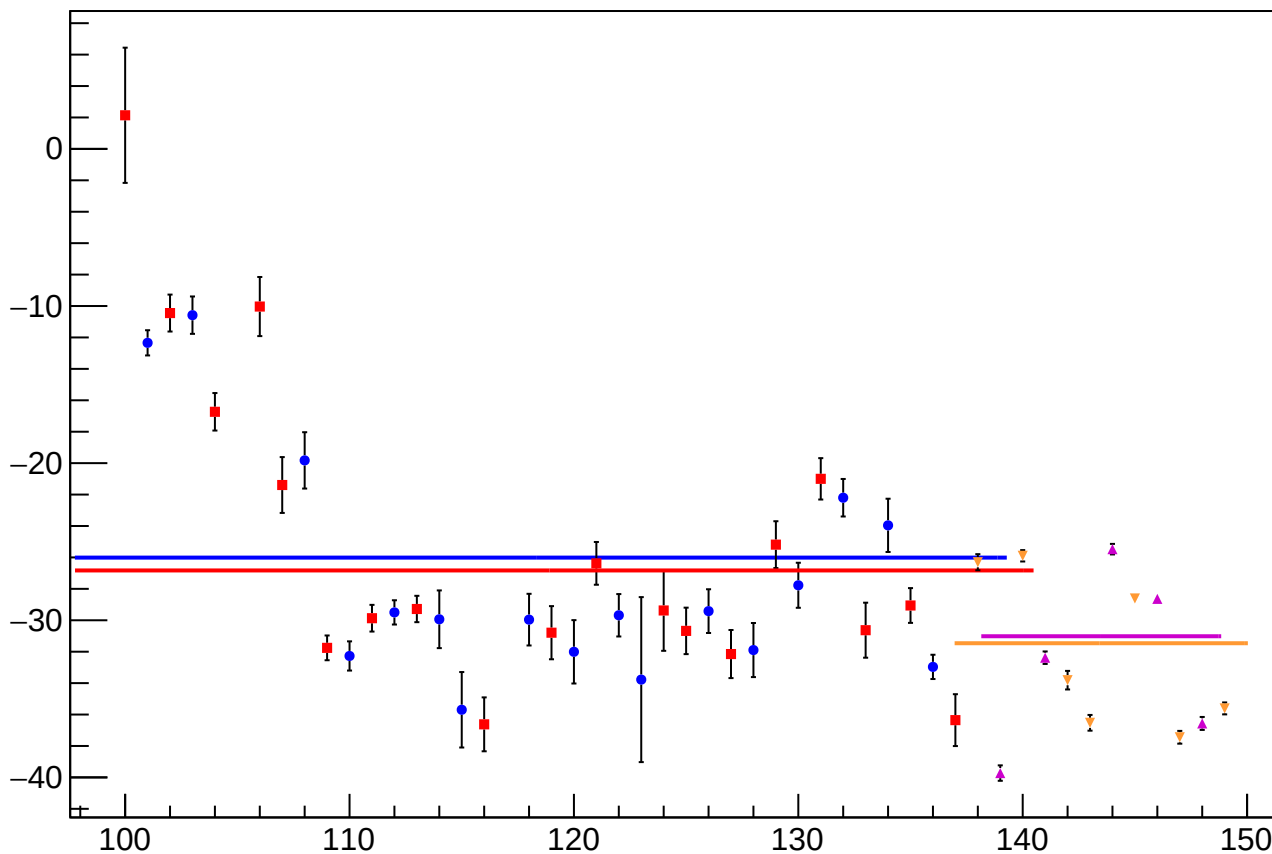
Right: 0.409 $\pm$ 0.121 χ^2 /NDF: 567.2/35

In: 0.742 $\pm$ 0.091 χ^2 /NDF:759.1/21

Out: 1.515 $\pm$ 0.090 χ^2 /NDF:1187.1/25

All: 1.135 $\pm$ 0.064 χ^2 /NDF: 1982.5/47

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -31.461 ± 0.155 χ^2/NDF : 875.8/6

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: -31.017 ± 0.164 χ^2/NDF : 846.5/4

Left: -31.252 ± 0.113 χ^2/NDF : 1726.2/11

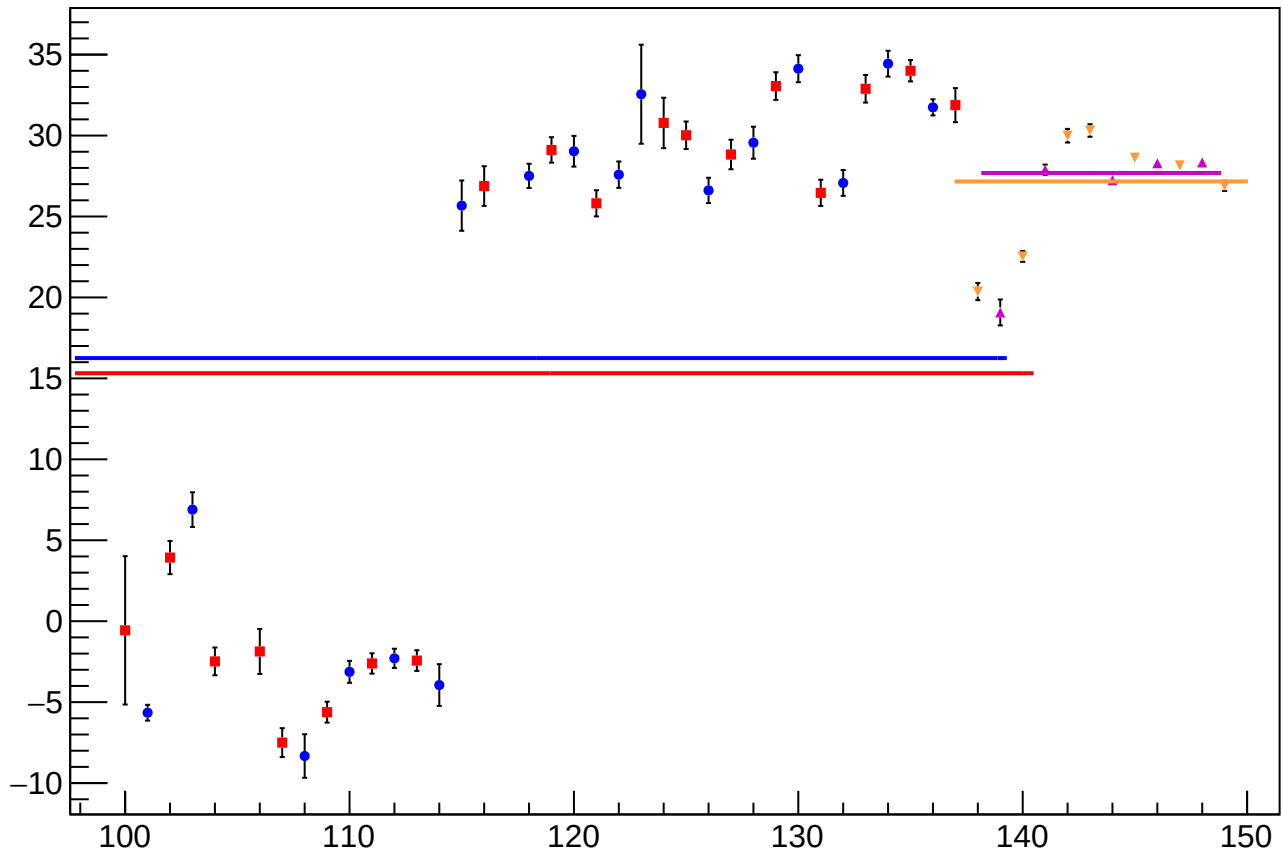
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -29.858 ± 0.144 χ^2/NDF : 1753.9/21

Out: -30.474 ± 0.137 χ^2/NDF : 1648.2/25

All: -30.181 ± 0.099 χ^2/NDF : 3411.7/47

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.165 $\pm$ 0.129 χ^2 /NDF:509.1/6

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

Left In: 27.689 $\pm$ 0.136 χ^2 /NDF:129.8/4

Left: 27.413 $\pm$ 0.093 χ^2 /NDF: 646.7/11

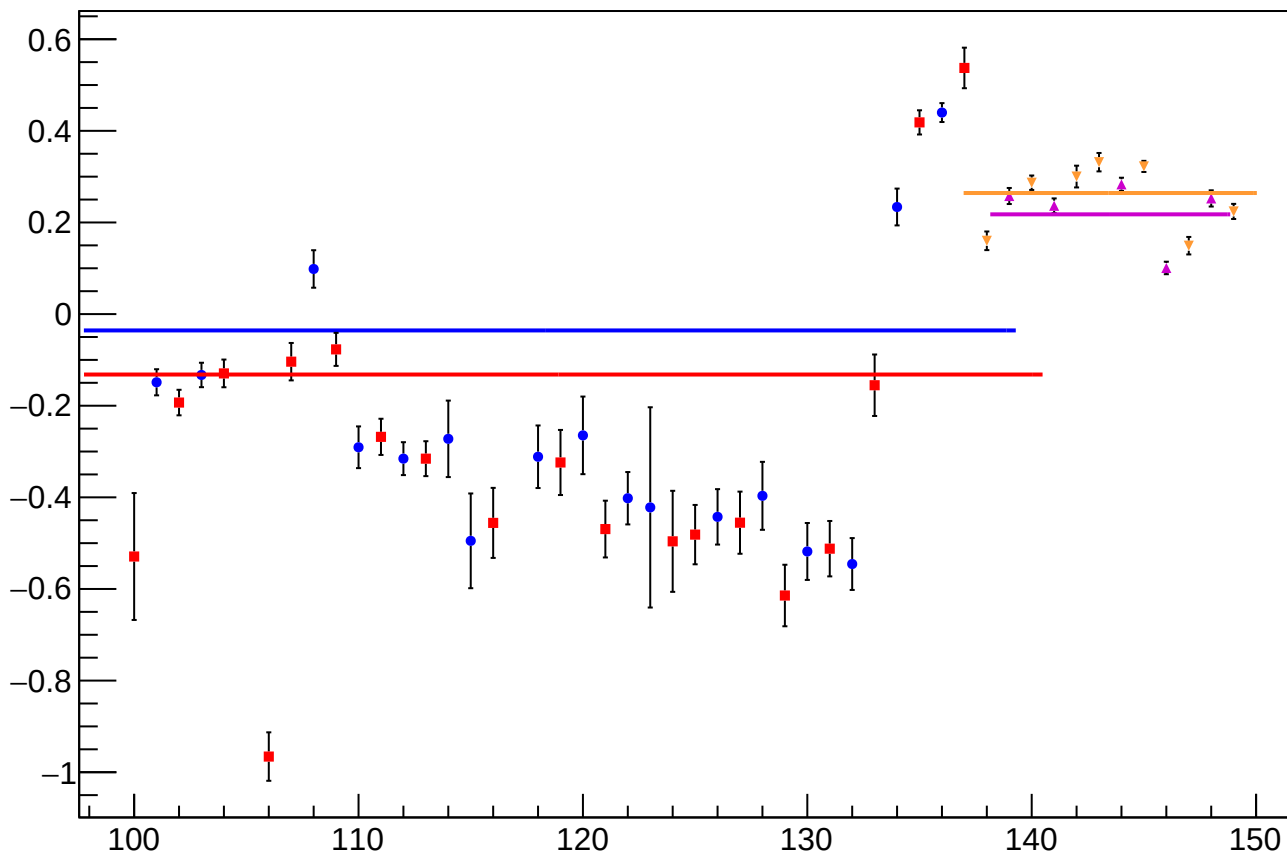
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14903.0/35

In: 23.850 $\pm$ 0.111 χ^2 /NDF:10121.8/21

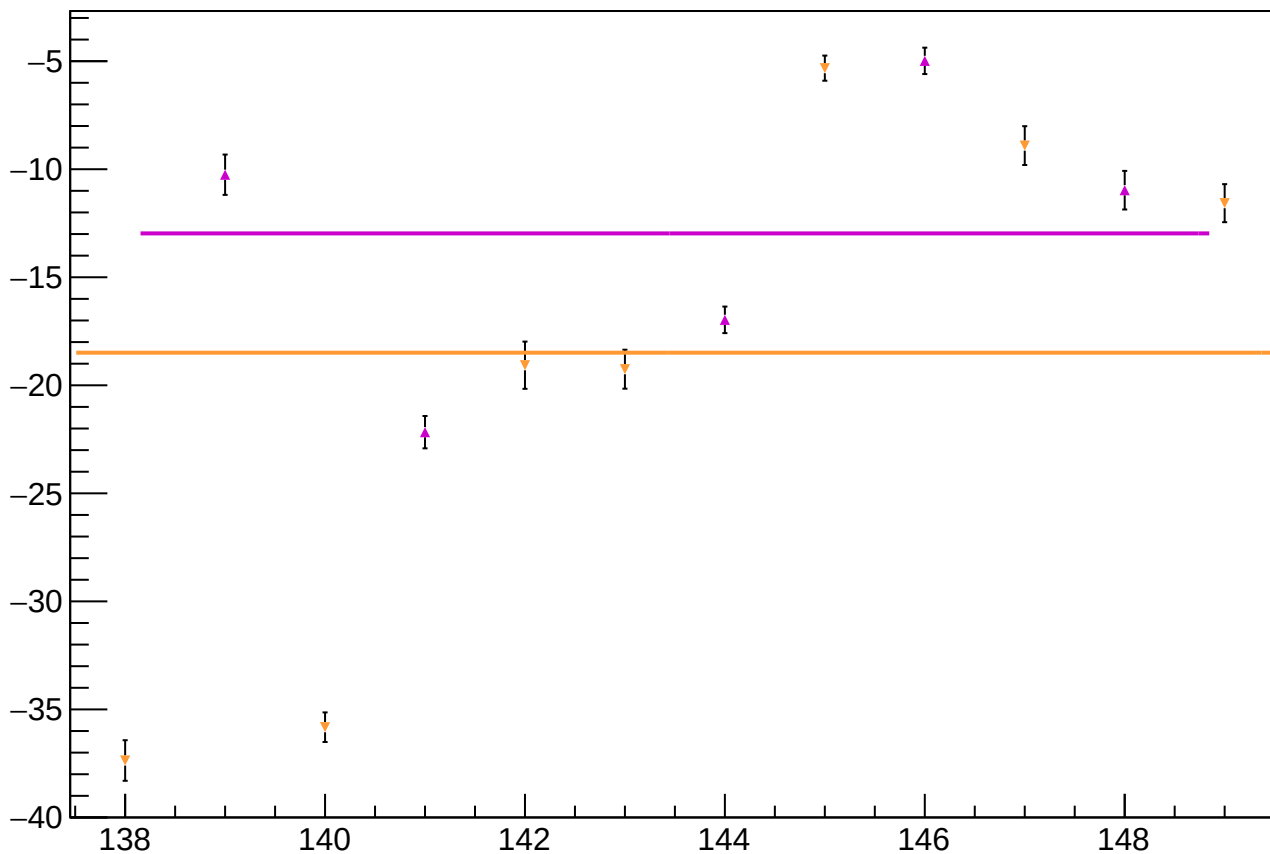
Out: 23.625 $\pm$ 0.108 χ^2 /NDF:10325.2/25

All: 23.734 $\pm$ 0.077 χ^2 /NDF: 20449.1/47

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



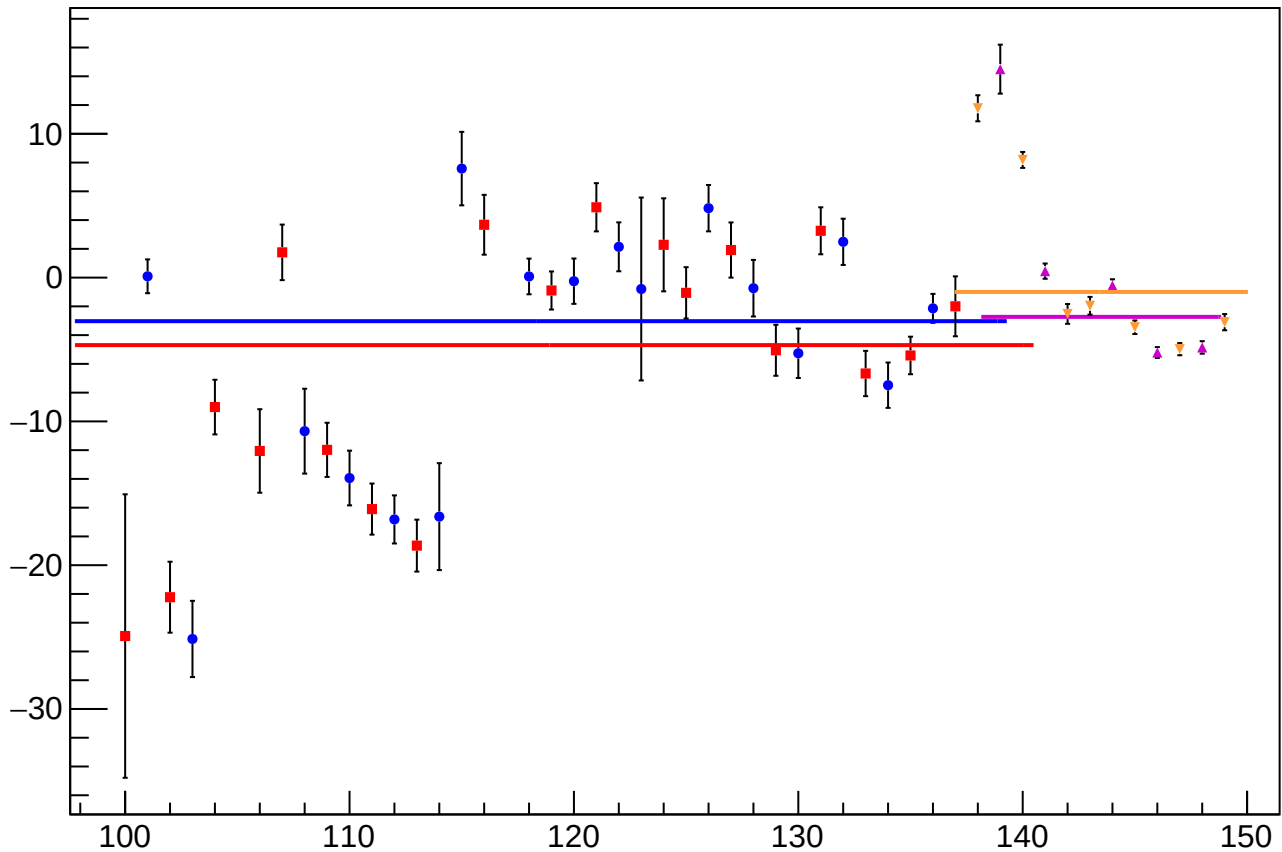
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.491+/-0.304 χ^2/NDF :1733.9/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.970+/-0.324 χ^2/NDF :378.1/4

Left: -15.906+/-0.222 χ^2/NDF : 2266.3/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.970+/-0.324 χ^2/NDF :378.1/4
 Out: -18.491+/-0.304 χ^2/NDF :1733.9/6

All: -15.906+/-0.222 χ^2/NDF : 2266.3/11

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: -0.996 ± 0.212 $\chi^2/\text{NDF}: 607.5/6$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

Left In: -2.730 ± 0.216 $\chi^2/\text{NDF}: 230.2/4$

Left: -1.845 ± 0.151 $\chi^2/\text{NDF}: 870.5/11$

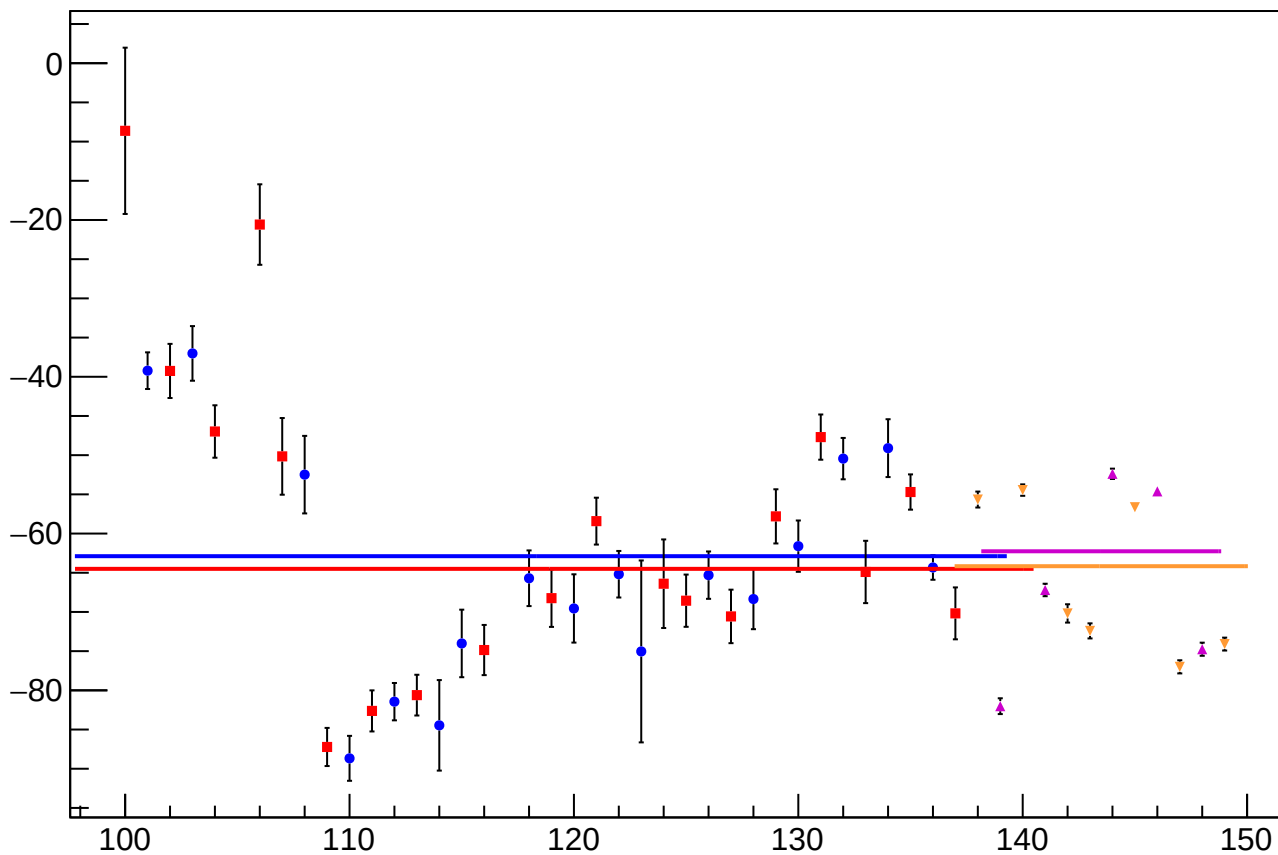
Right: -3.824 ± 0.295 $\chi^2/\text{NDF}: 587.0/35$

In: -2.796 ± 0.191 $\chi^2/\text{NDF}: 511.4/21$

Out: -1.726 ± 0.190 $\chi^2/\text{NDF}: 966.1/25$

All: -2.257 ± 0.134 $\chi^2/\text{NDF}: 1493.2/47$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -64.164 ± 0.313 χ^2/NDF : 875.9/6

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

Left In: -62.262 ± 0.330 χ^2/NDF : 1040.7/4

Left: -63.261 ± 0.227 χ^2/NDF : 1934.0/11

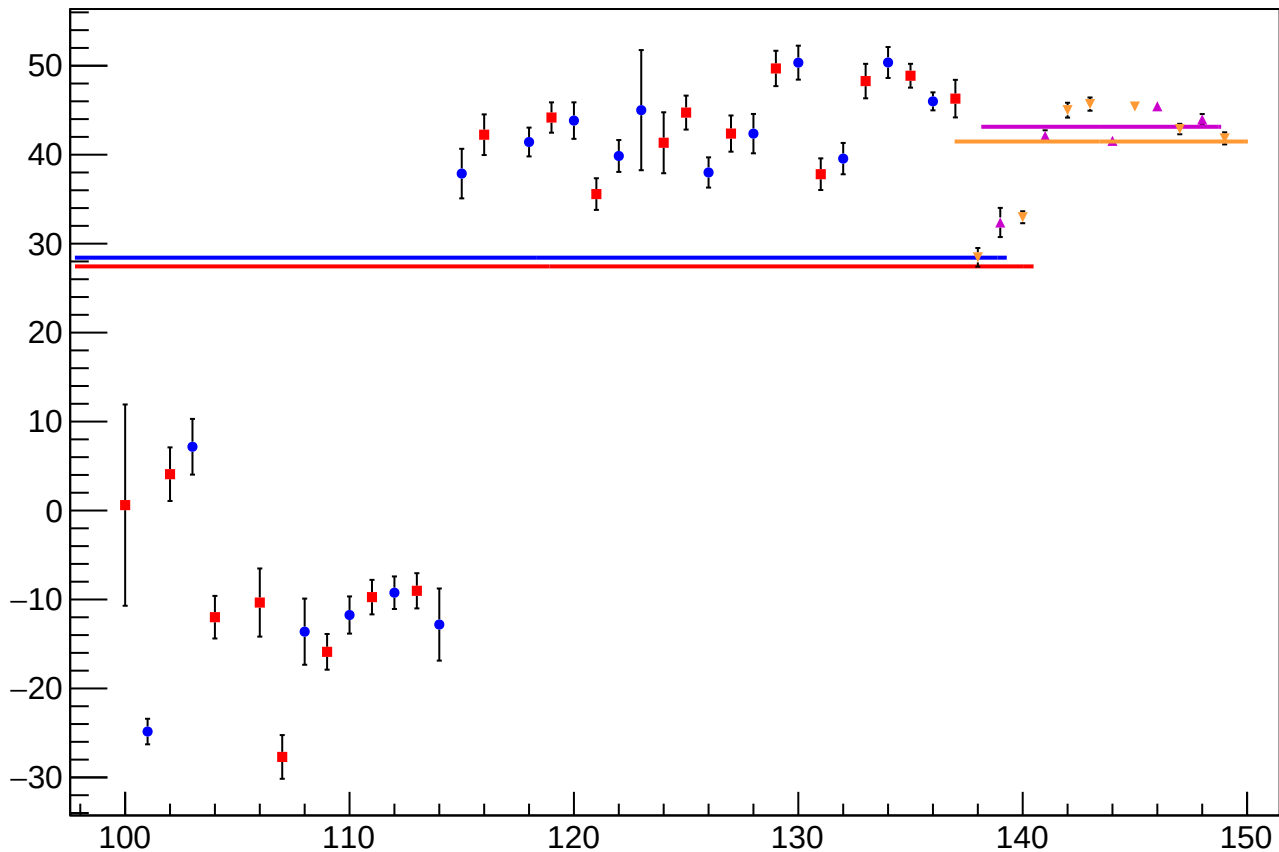
Right: -63.680 ± 0.526 χ^2/NDF : 815.2/35

In: -62.366 ± 0.301 χ^2/NDF : 1410.0/21

Out: -64.214 ± 0.289 χ^2/NDF : 1320.1/25

All: -63.326 ± 0.209 χ^2/NDF : 2749.7/47

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: 41.481 +/- 0.260 χ^2/NDF : 422.8/6

Right Out: 27.441 +/- 0.479 χ^2/NDF : 3033.0/18

Left In: 43.138 +/- 0.271 χ^2/NDF : 80.1/4

Left: 42.276 +/- 0.187 χ^2/NDF : 522.4/11

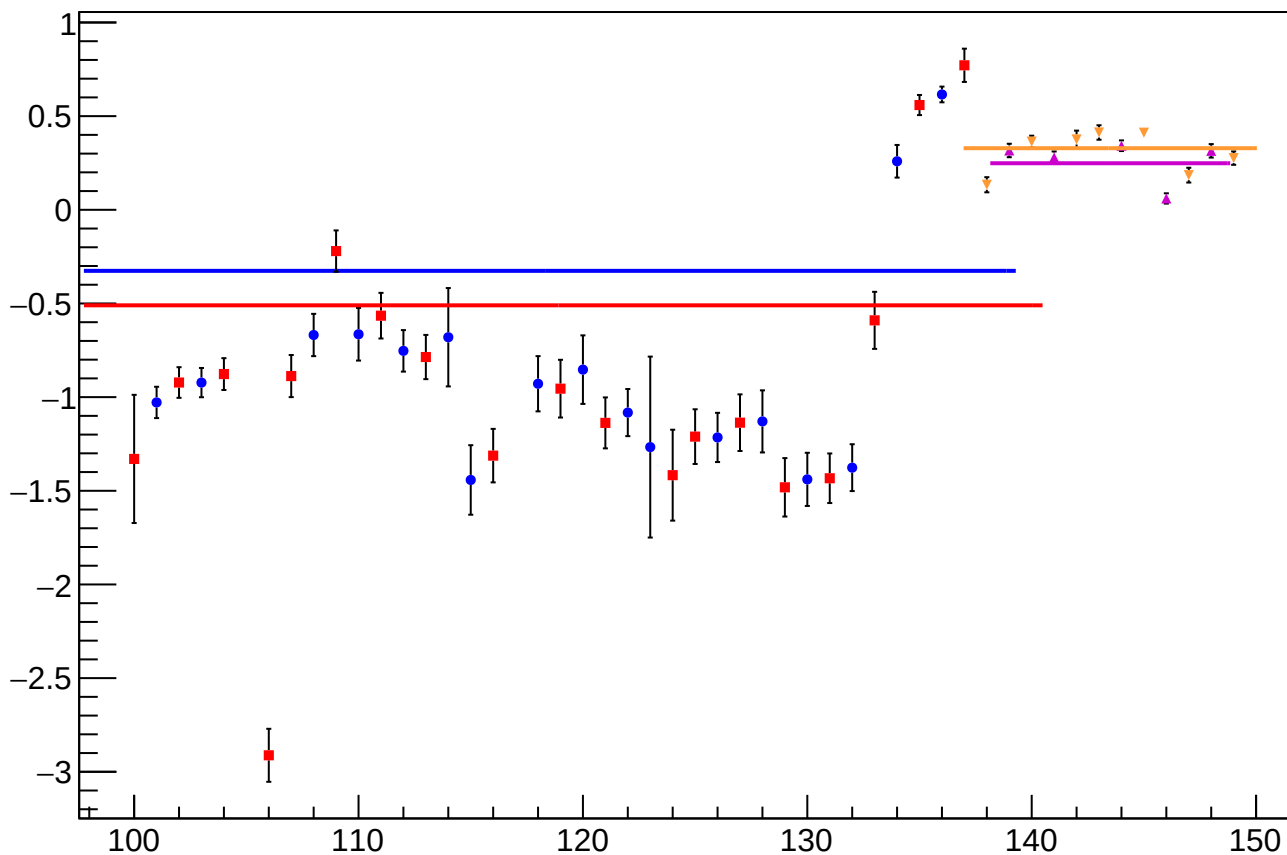
Right: 27.956 +/- 0.331 χ^2/NDF : 6365.5/35

In: 39.319 +/- 0.233 χ^2/NDF : 4177.6/21

Out: 38.284 +/- 0.228 χ^2/NDF : 4120.3/25

All: 38.791 +/- 0.163 χ^2/NDF : 8307.9/47

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.329 ± 0.013 χ^2/NDF : 57.4/6

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.249 ± 0.014 χ^2/NDF : 65.7/4

Left: 0.292 ± 0.010 χ^2/NDF : 140.6/11

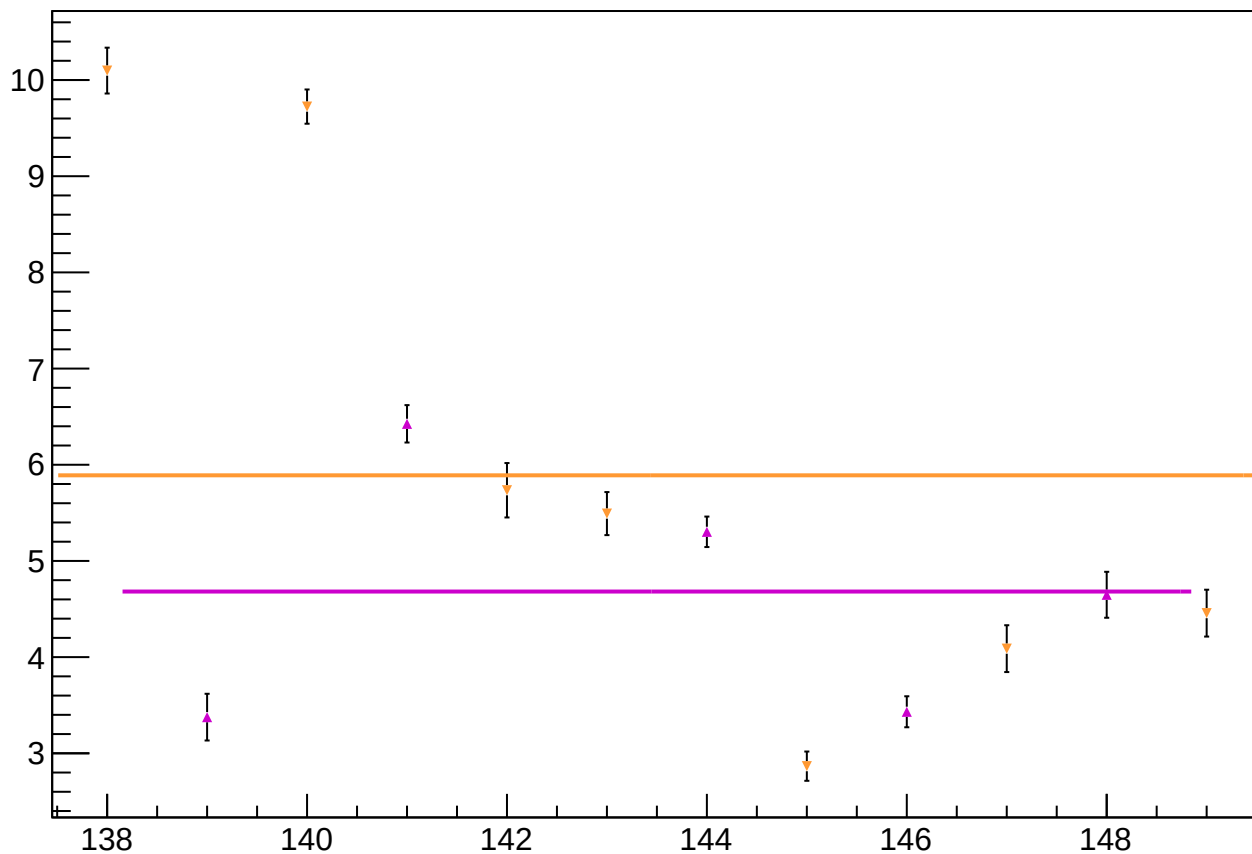
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: 0.110 ± 0.012 χ^2/NDF : 1482.7/21

Out: 0.157 ± 0.012 χ^2/NDF : 2073.2/25

All: 0.134 ± 0.008 χ^2/NDF : 3563.4/47

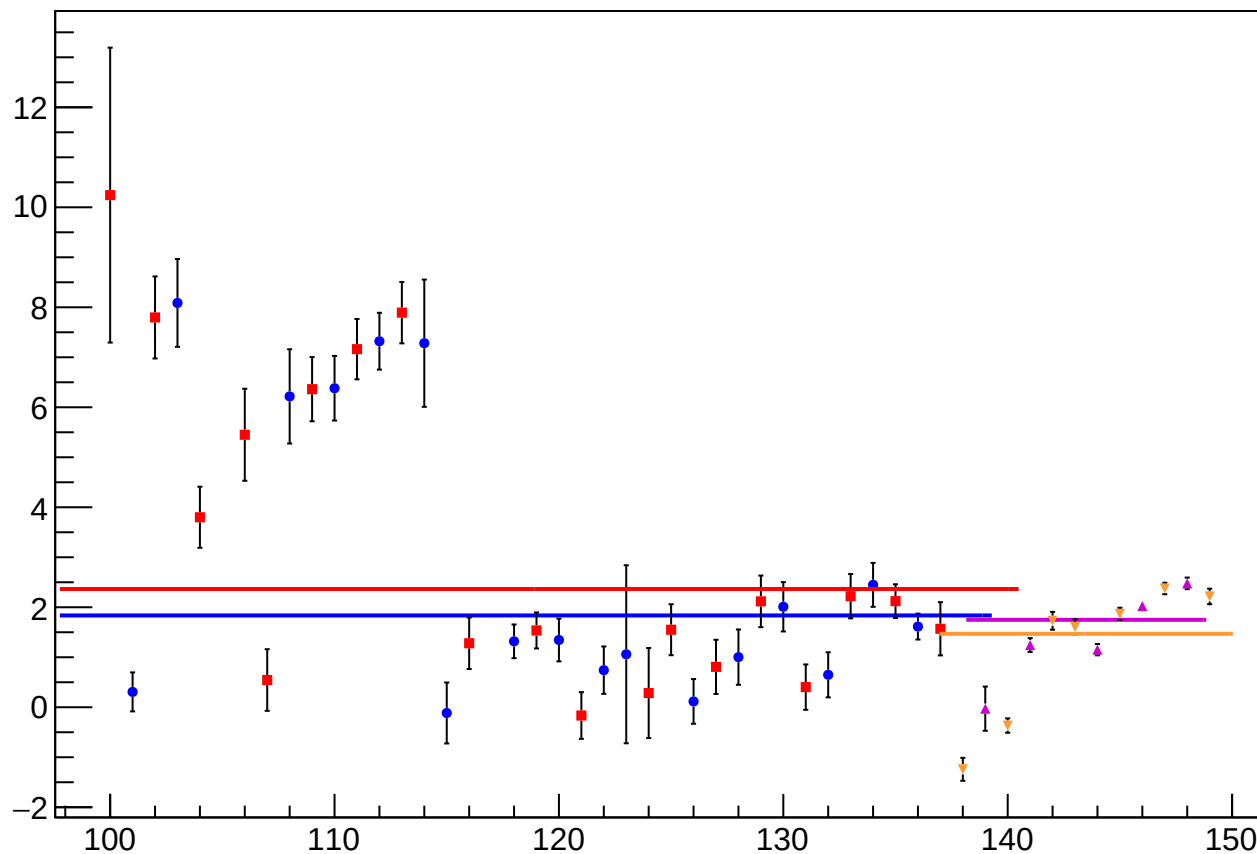
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.890+/-0.079 χ^2/NDF :1263.3/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.682+/-0.085 χ^2/NDF :184.9/4

Left: 5.325+/-0.058 χ^2/NDF : 1556.5/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.682+/-0.085 χ^2/NDF :184.9/4
 Out: 5.890+/-0.079 χ^2/NDF :1263.3/6
 All: 5.325+/-0.058 χ^2/NDF : 1556.5/11

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: 1.469 $\pm$ 0.056 χ^2 /NDF:399.6/6

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

Left In: 1.749 $\pm$ 0.056 χ^2 /NDF:104.9/4

Left: 1.607 $\pm$ 0.040 χ^2 /NDF: 517.0/11

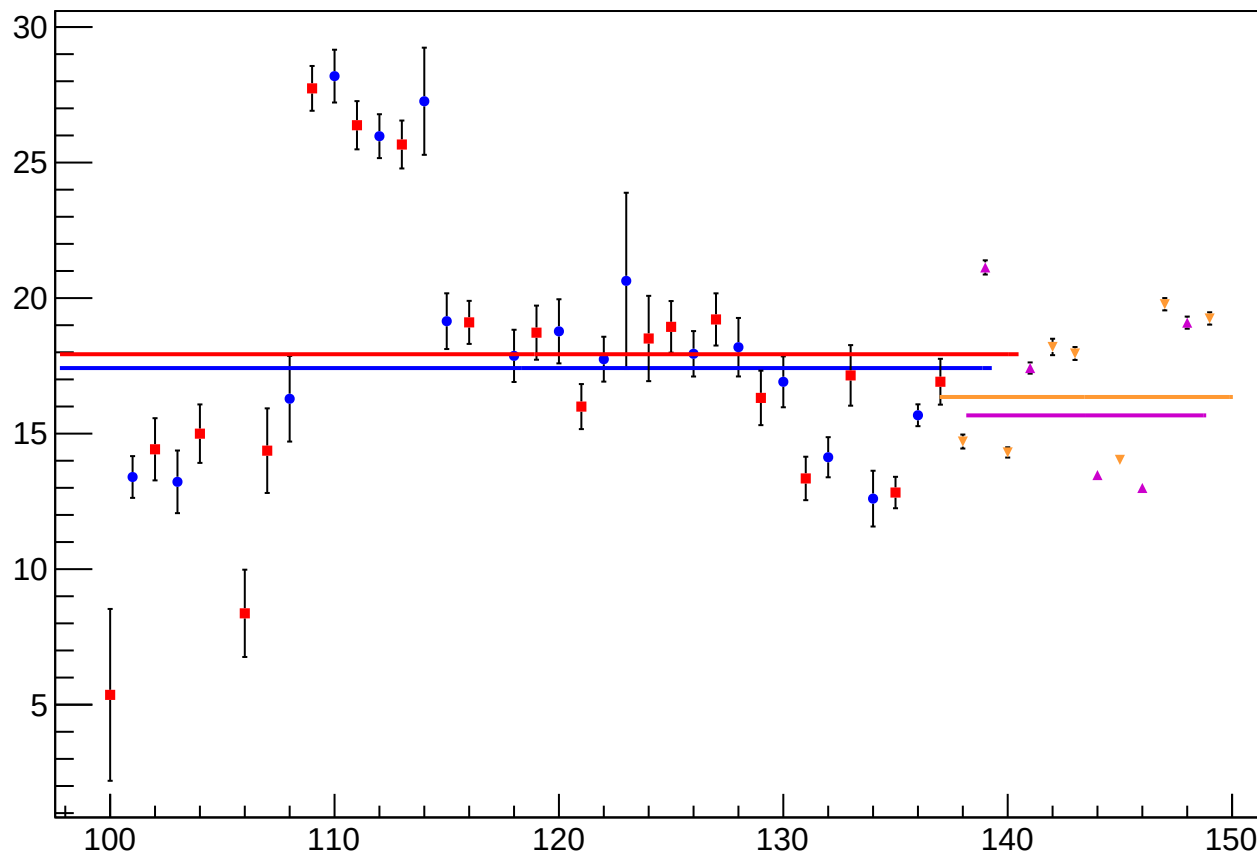
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.766 $\pm$ 0.051 χ^2 /NDF:400.2/21

Out: 1.621 $\pm$ 0.051 χ^2 /NDF:780.3/25

All: 1.693 $\pm$ 0.036 χ^2 /NDF: 1184.6/47

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: 16.352 $\pm$ 0.082 χ^2 /NDF:833.3/6

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 15.673 $\pm$ 0.086 χ^2 /NDF:1205.3/4

Left: 16.029 $\pm$ 0.059 χ^2 /NDF: 2071.1/11

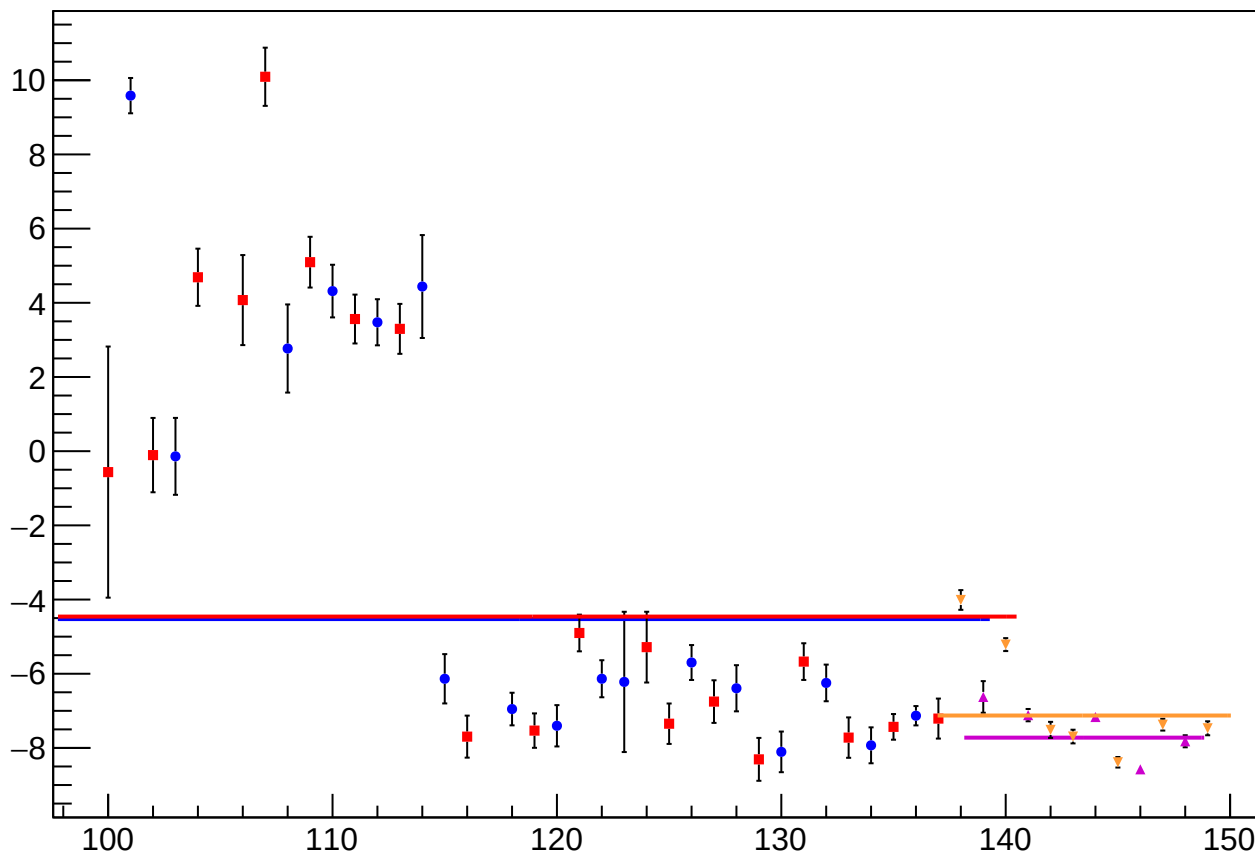
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 15.921 $\pm$ 0.080 χ^2 /NDF:1630.4/21

Out: 16.547 $\pm$ 0.077 χ^2 /NDF:1385.2/25

All: 16.246 $\pm$ 0.055 χ^2 /NDF: 3047.4/47

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: -7.126 ± 0.068 χ^2/NDF : 354.8/6

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

Left In: -7.723 ± 0.071 χ^2/NDF : 84.9/4

Left: -7.414 ± 0.049 χ^2/NDF : 476.6/11

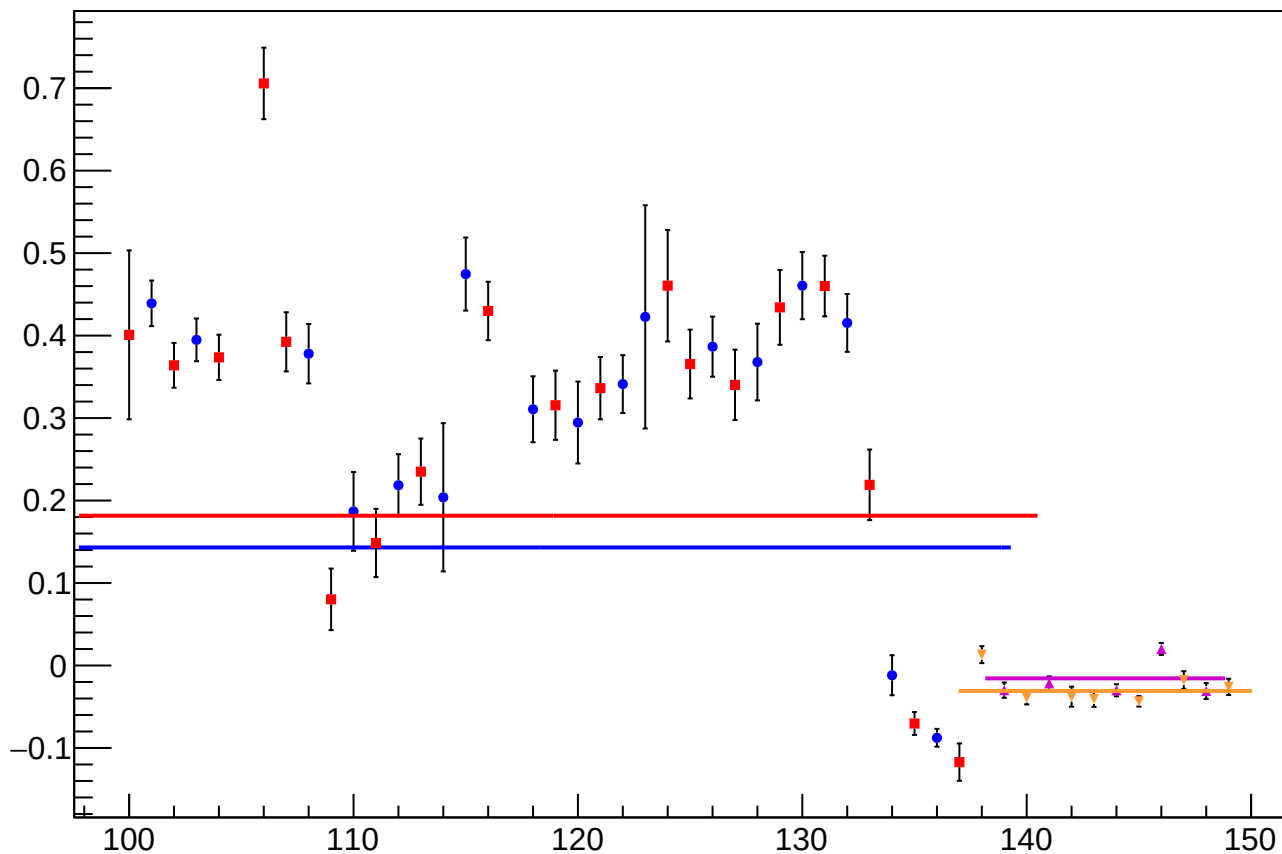
Right: -4.494 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.989 ± 0.062 χ^2/NDF : 2144.6/21

Out: -6.597 ± 0.061 χ^2/NDF : 1997.6/25

All: -6.790 ± 0.044 χ^2/NDF : 4162.6/47

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.031 ± 0.003 $\chi^2/\text{NDF}: 26.4/6$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

Left In: -0.016 ± 0.004 $\chi^2/\text{NDF}: 33.6/4$

Left: -0.024 ± 0.003 $\chi^2/\text{NDF}: 69.3/11$

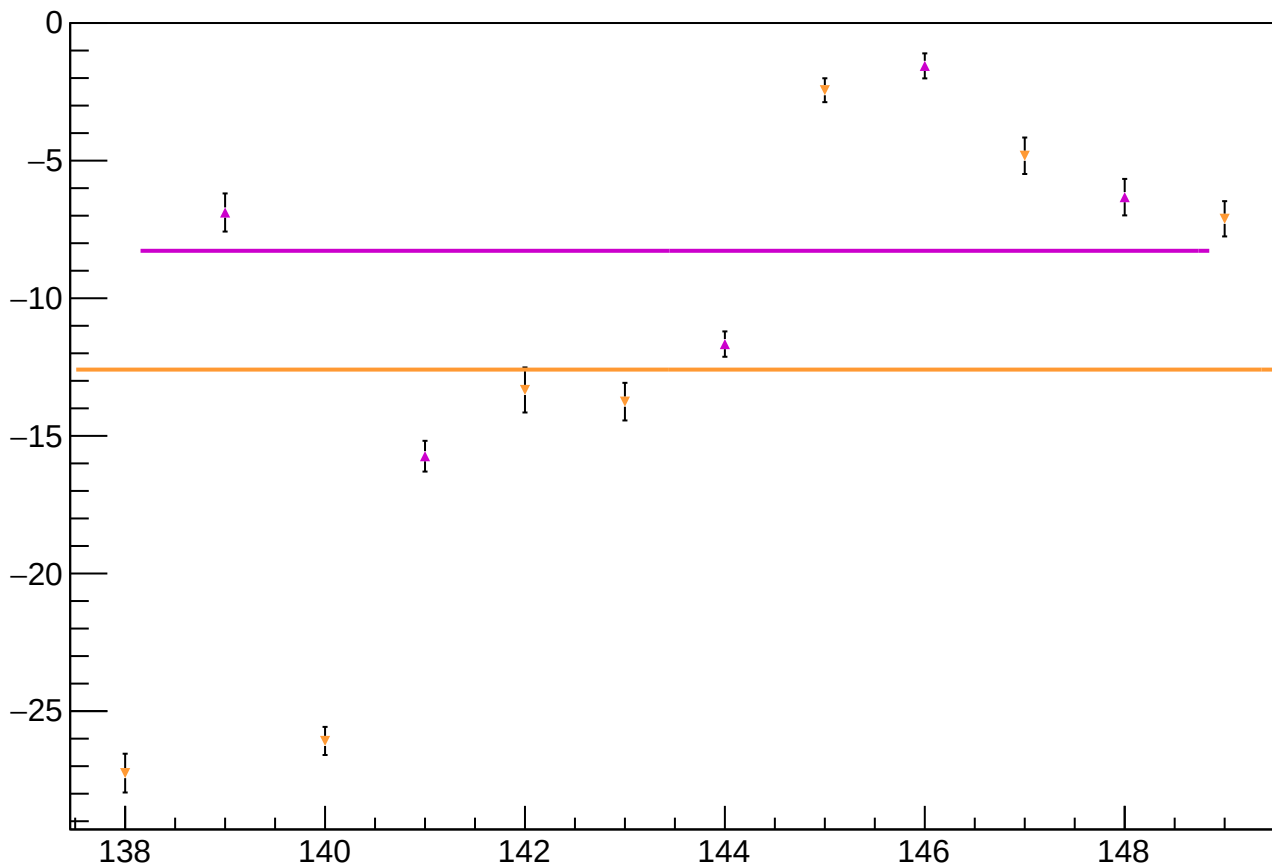
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2082.4/35$

In: 0.018 ± 0.003 $\chi^2/\text{NDF}: 1492.8/21$

Out: 0.007 ± 0.003 $\chi^2/\text{NDF}: 1715.7/25$

All: 0.012 ± 0.002 $\chi^2/\text{NDF}: 3215.1/47$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



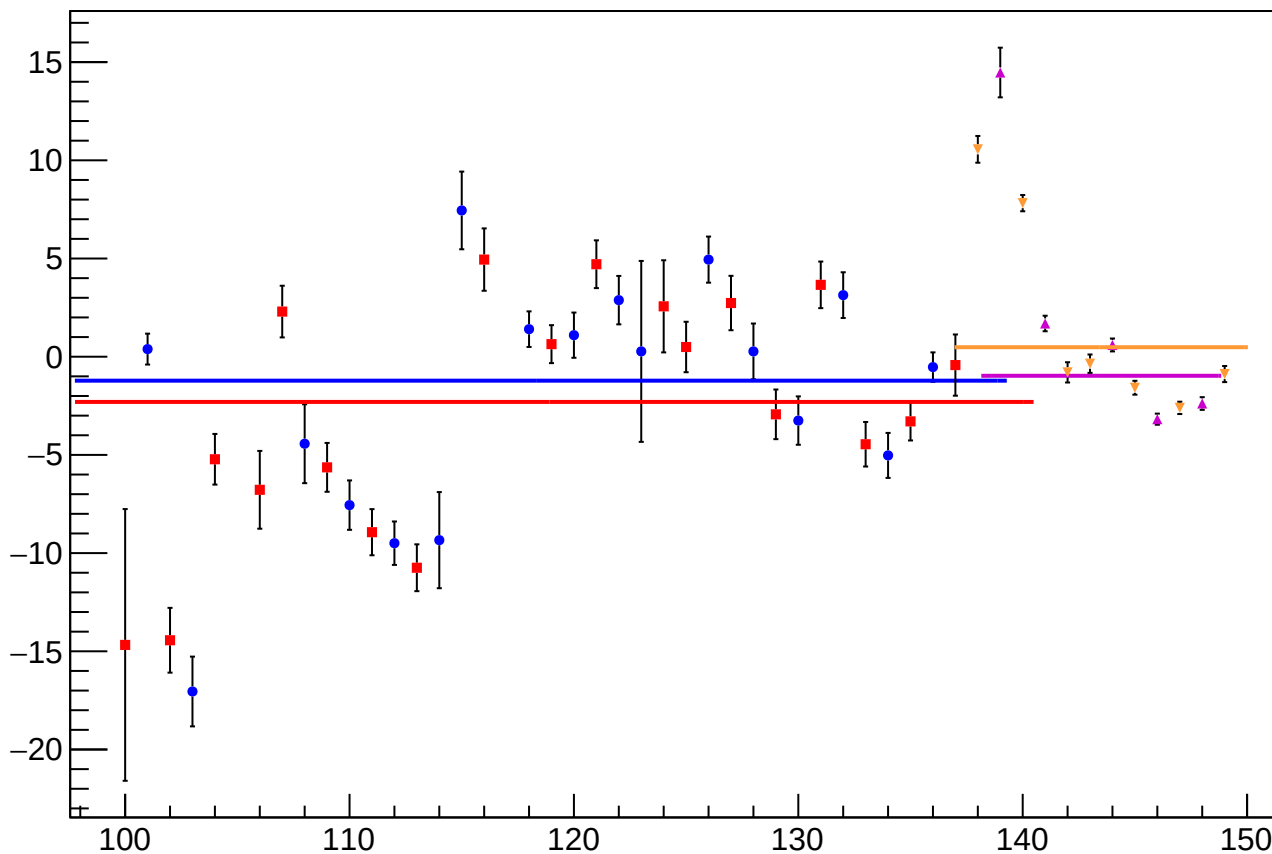
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.592+/-0.226 χ^2/NDF :1892.1/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.276+/-0.242 χ^2/NDF :463.8/4

Left: -10.574+/-0.165 χ^2/NDF : 2525.7/11
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.276+/-0.242 χ^2/NDF :463.8/4
 Out: -12.592+/-0.226 χ^2/NDF :1892.1/6

All: -10.574+/-0.165 χ^2/NDF : 2525.7/11

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: 0.483 ± 0.157 χ^2/NDF : 683.7/6

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: -0.971 ± 0.161 χ^2/NDF : 297.3/4

Left: -0.225 ± 0.113 χ^2/NDF : 1022.5/11

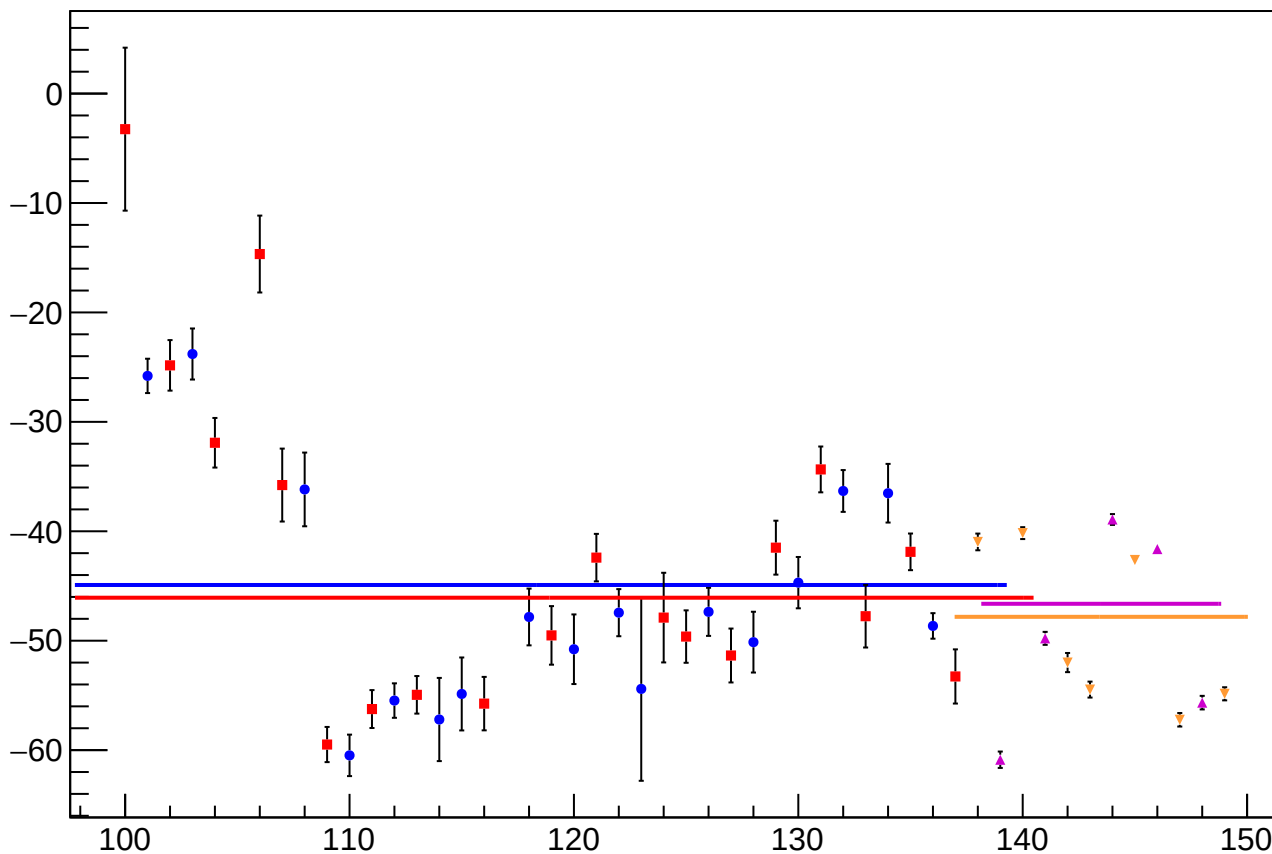
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: -1.030 ± 0.141 χ^2/NDF : 576.5/21

Out: -0.110 ± 0.140 χ^2/NDF : 1036.6/25

All: -0.565 ± 0.099 χ^2/NDF : 1634.5/47

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: -47.818 ± 0.233 $\chi^2/\text{NDF}: 880.7/6$

Right Out: -46.071 ± 0.528 $\chi^2/\text{NDF}: 454.0/18$

Left In: -46.627 ± 0.246 $\chi^2/\text{NDF}: 977.0/4$

Left: -47.254 ± 0.169 $\chi^2/\text{NDF}: 1870.1/11$

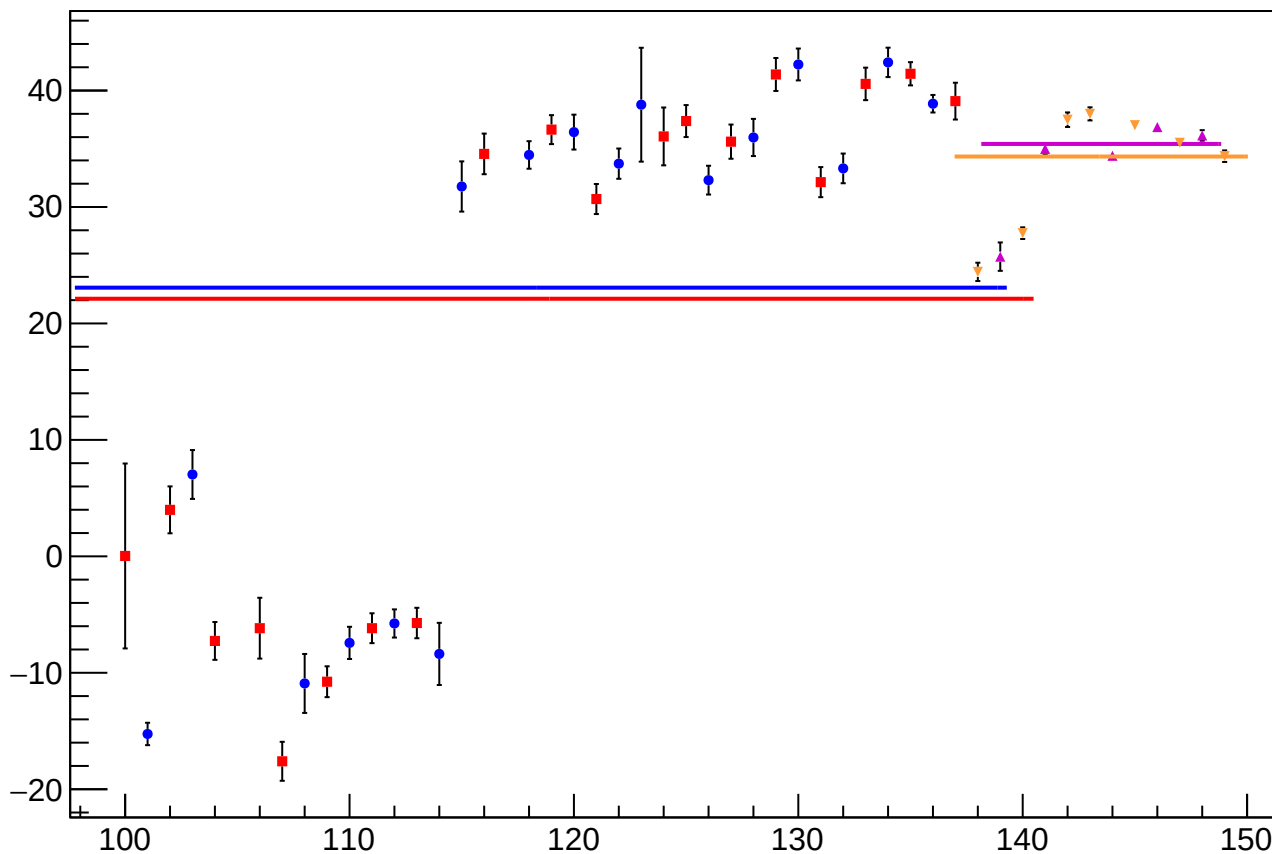
Right: -45.483 ± 0.371 $\chi^2/\text{NDF}: 877.6/35$

In: -46.315 ± 0.222 $\chi^2/\text{NDF}: 1407.0/21$

Out: -47.533 ± 0.213 $\chi^2/\text{NDF}: 1343.9/25$

All: -46.950 ± 0.154 $\chi^2/\text{NDF}: 2766.5/47$

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: 34.334 $\pm$ 0.193 χ^2 /NDF:449.9/6

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 35.414 $\pm$ 0.202 χ^2 /NDF:89.9/4

Left: 34.850 $\pm$ 0.140 χ^2 /NDF: 554.7/11

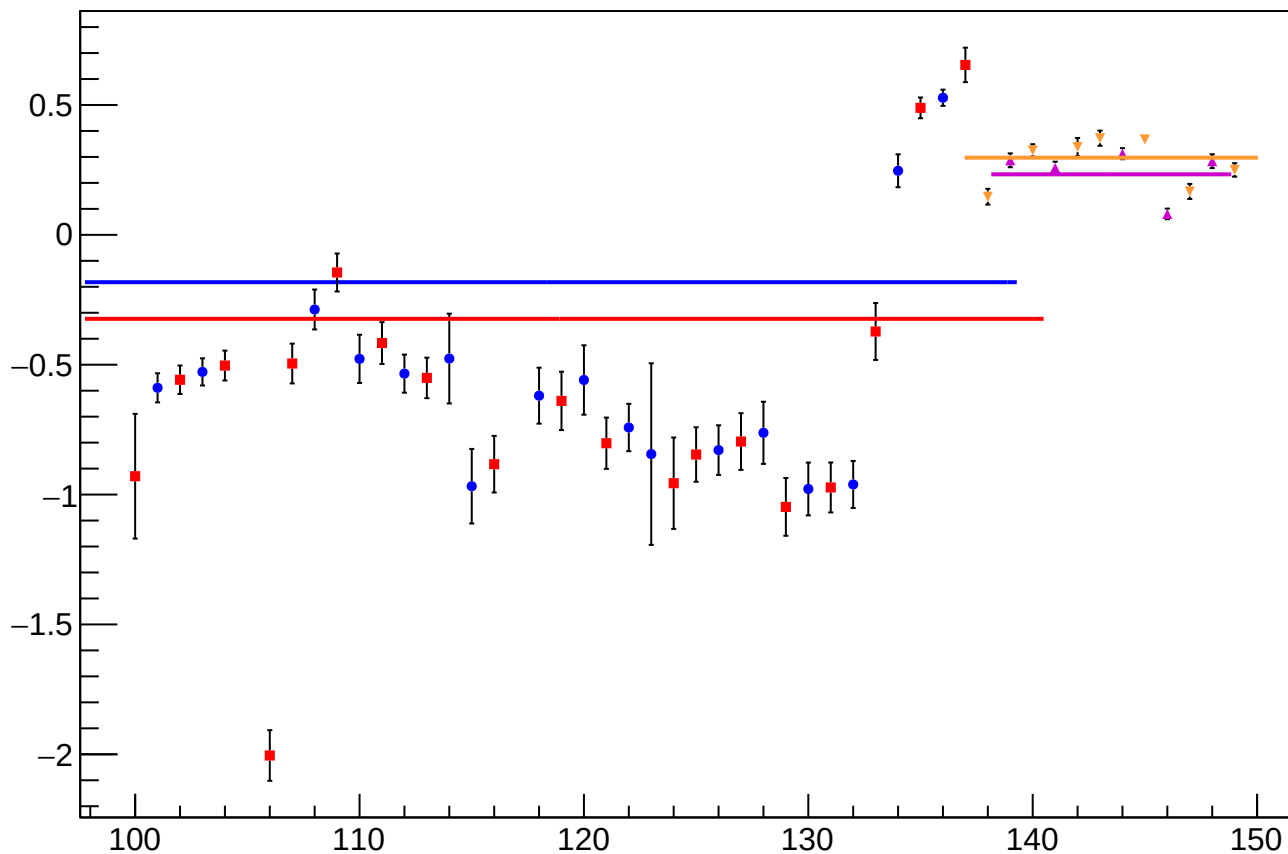
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 31.987 $\pm$ 0.172 χ^2 /NDF:5471.0/21

Out: 31.347 $\pm$ 0.168 χ^2 /NDF:5459.5/25

All: 31.660 $\pm$ 0.120 χ^2 /NDF: 10937.6/47

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: 0.297 ± 0.010 χ^2/NDF : 72.2/6

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.233 ± 0.010 χ^2/NDF : 78.3/4

Left: 0.267 ± 0.007 χ^2/NDF : 170.6/11

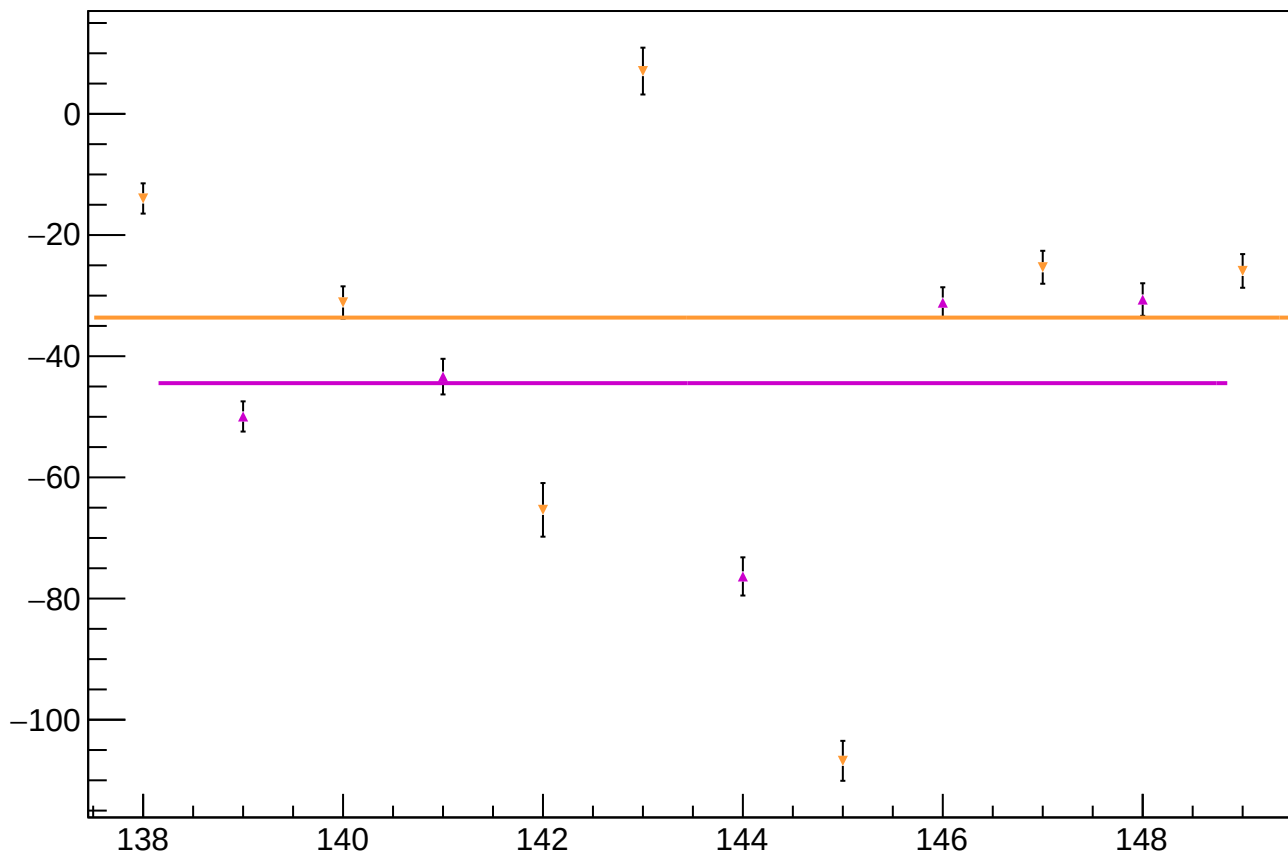
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: 0.126 ± 0.009 χ^2/NDF : 1483.6/21

Out: 0.159 ± 0.009 χ^2/NDF : 2163.3/25

All: 0.143 ± 0.006 χ^2/NDF : 3653.9/47

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -33.625+/-1.134 χ^2/NDF :734.7/6

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

Left In: -44.446+/-1.221 χ^2/NDF :161.1/4

Left: -38.638+/-0.831 χ^2/NDF : 937.9/11

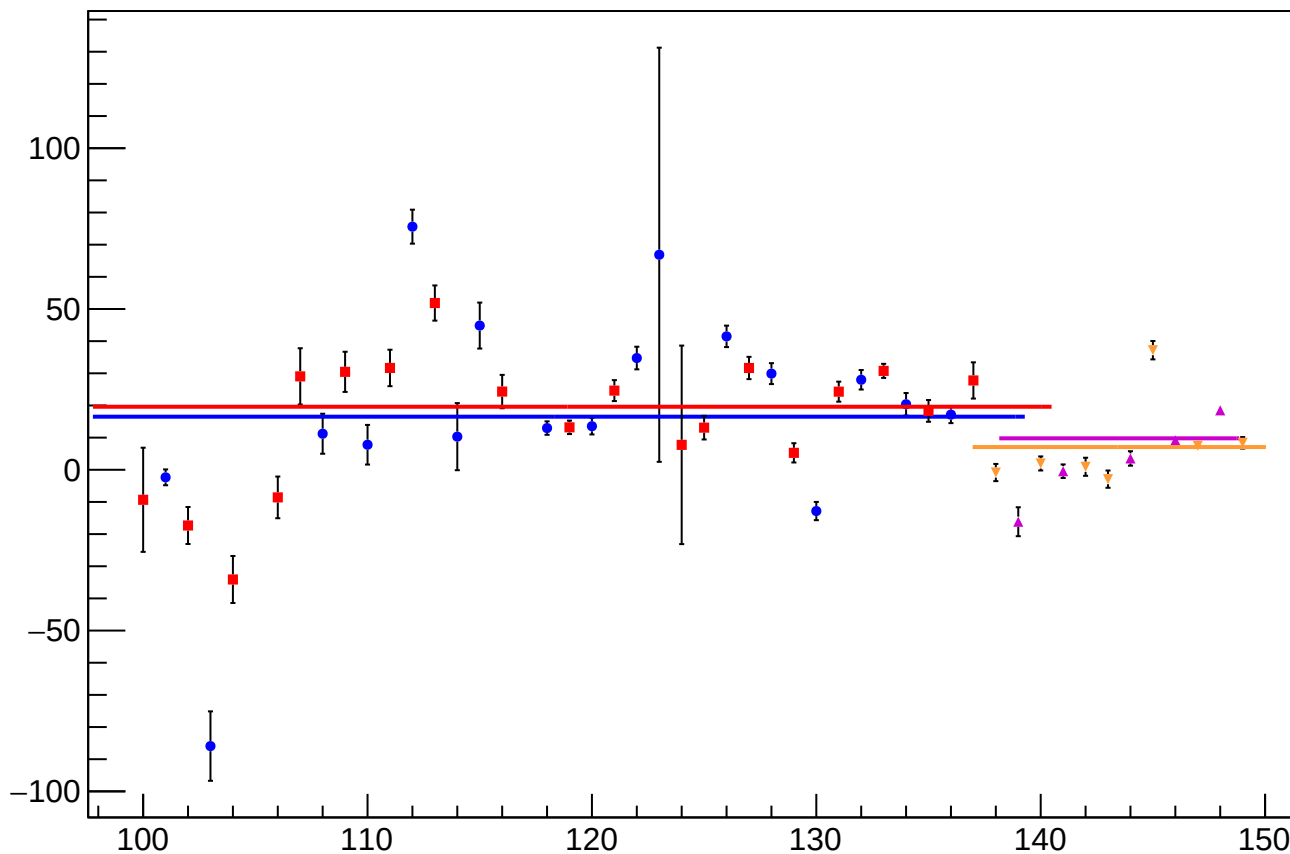
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.446+/-1.221 χ^2/NDF :161.1/4

Out: -33.625+/-1.134 χ^2/NDF :734.7/6

All: -38.638+/-0.831 χ^2/NDF : 937.9/11

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: 7.066 $\pm$ 0.779 χ^2 /NDF:144.5/6

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

Left In: 9.781 $\pm$ 0.813 χ^2 /NDF:109.1/4

Left: 8.366 $\pm$ 0.562 χ^2 /NDF: 259.4/11

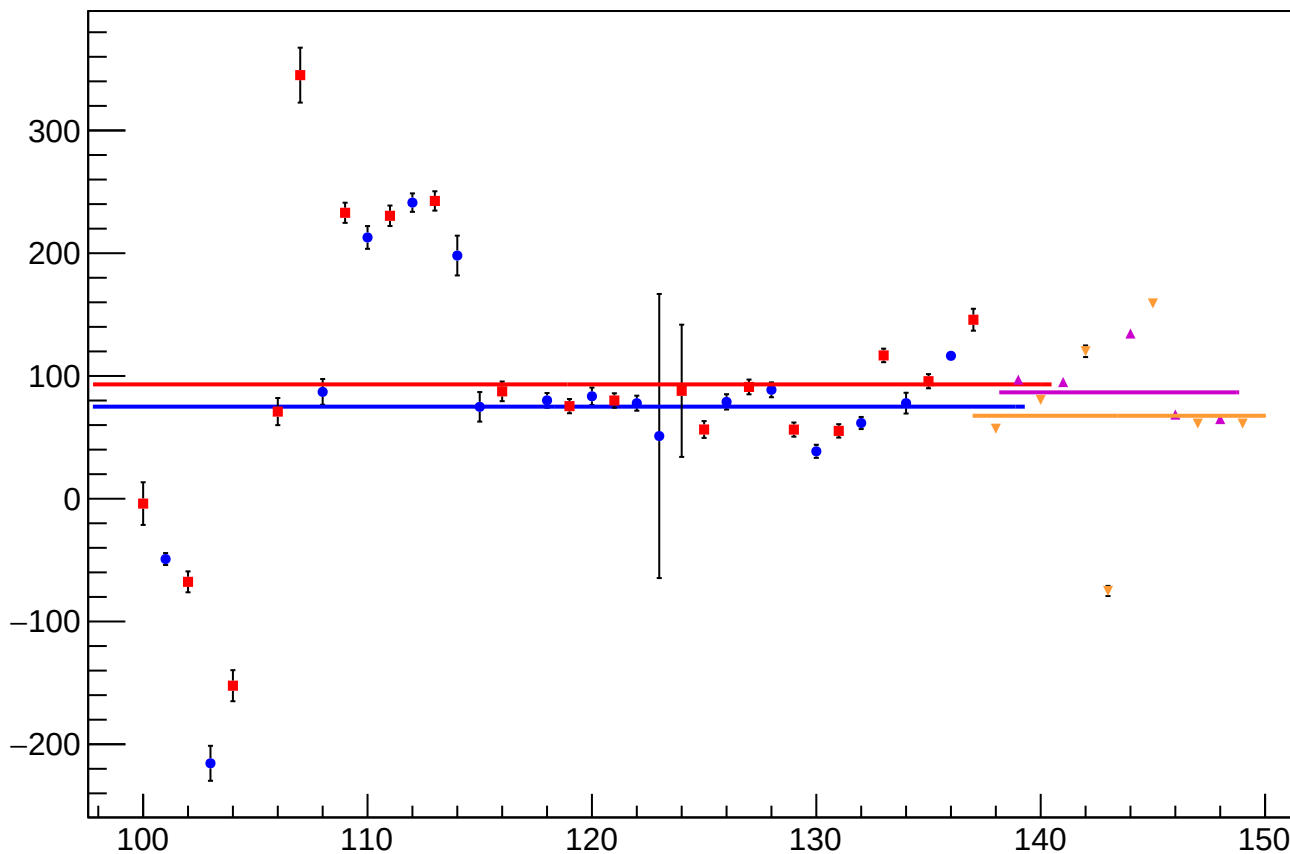
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 13.006 $\pm$ 0.587 χ^2 /NDF:661.6/21

Out: 12.446 $\pm$ 0.588 χ^2 /NDF:497.7/25

All: 12.727 $\pm$ 0.415 χ^2 /NDF: 1159.7/47

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009 $\pm$ 1.636 χ^2/NDF : 1999.3/16

Left Out: 67.592 $\pm$ 1.152 χ^2/NDF : 2082.4/6

Right Out: 93.140 $\pm$ 1.711 χ^2/NDF : 2002.3/18

Left In: 86.657 $\pm$ 1.236 χ^2/NDF : 354.2/4

Left: 76.456 $\pm$ 0.843 χ^2/NDF : 2563.9/11

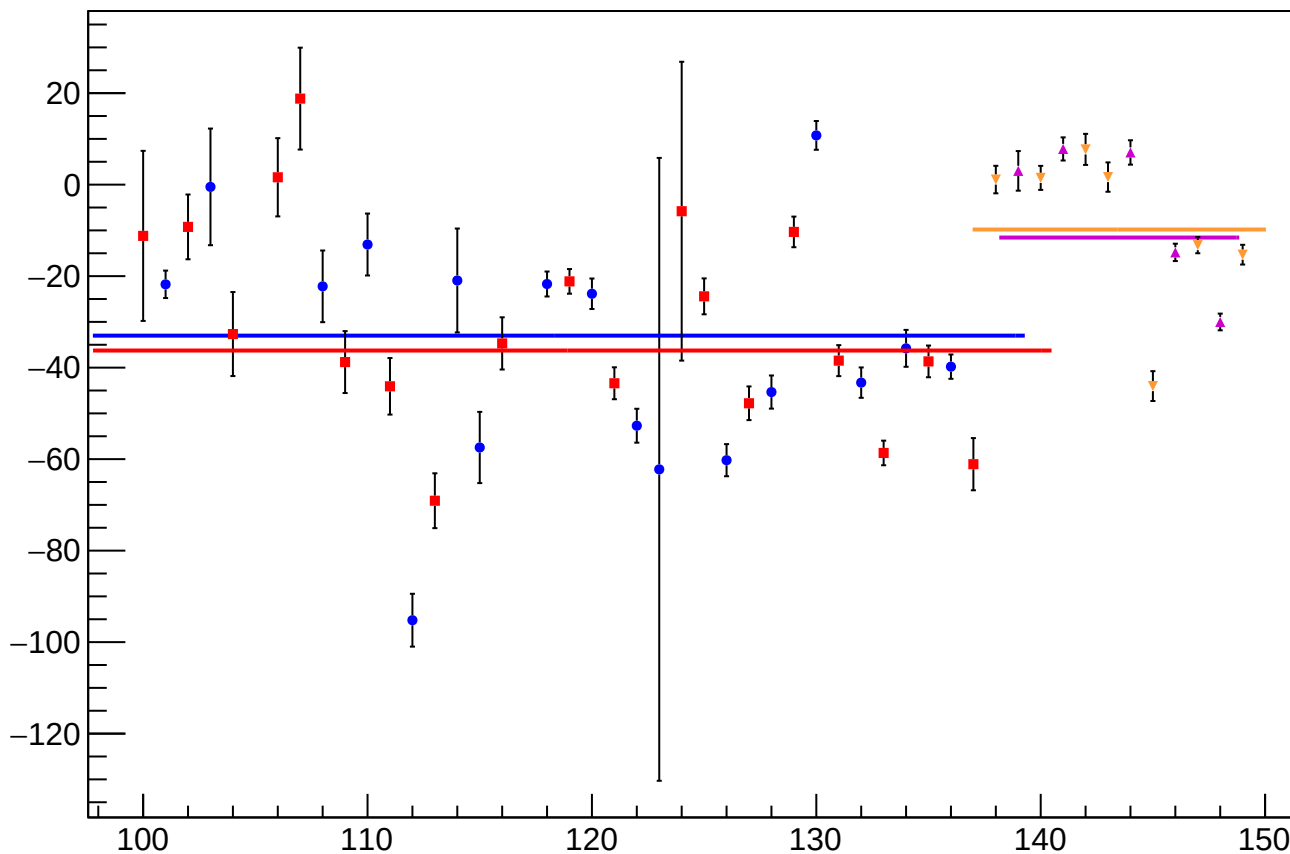
Right: 83.668 $\pm$ 1.183 χ^2/NDF : 4060.3/35

In: 82.424 $\pm$ 0.986 χ^2/NDF : 2385.8/21

Out: 75.562 $\pm$ 0.956 χ^2/NDF : 4238.1/25

All: 78.885 $\pm$ 0.686 χ^2/NDF : 6648.9/47

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: -9.809 ± 0.969 $\chi^2/\text{NDF}: 191.4/6$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

Left In: -11.566 ± 1.038 $\chi^2/\text{NDF}: 223.7/4$

Left: -10.627 ± 0.708 $\chi^2/\text{NDF}: 416.6/11$

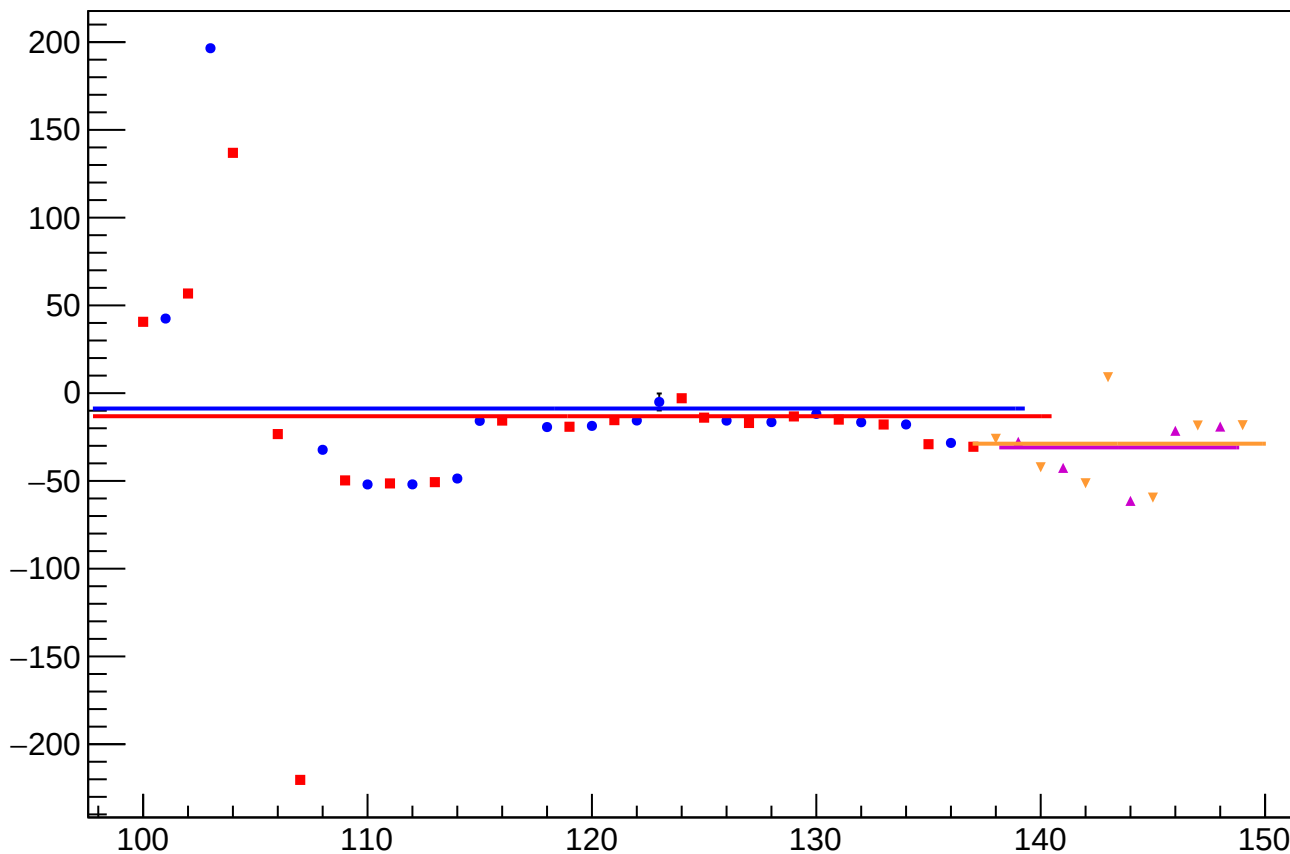
Right: -34.545 ± 0.705 $\chi^2/\text{NDF}: 795.4/35$

In: -22.993 ± 0.709 $\chi^2/\text{NDF}: 944.0/21$

Out: -22.290 ± 0.704 $\chi^2/\text{NDF}: 840.0/25$

All: -22.639 ± 0.500 $\chi^2/\text{NDF}: 1784.5/47$

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: -28.787 ± 0.049 $\chi^2/\text{NDF}: 147219.0/6$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

Left In: -30.902 ± 0.051 $\chi^2/\text{NDF}: 71535.3/4$

Left: -29.794 ± 0.035 $\chi^2/\text{NDF}: 219657.2/11$

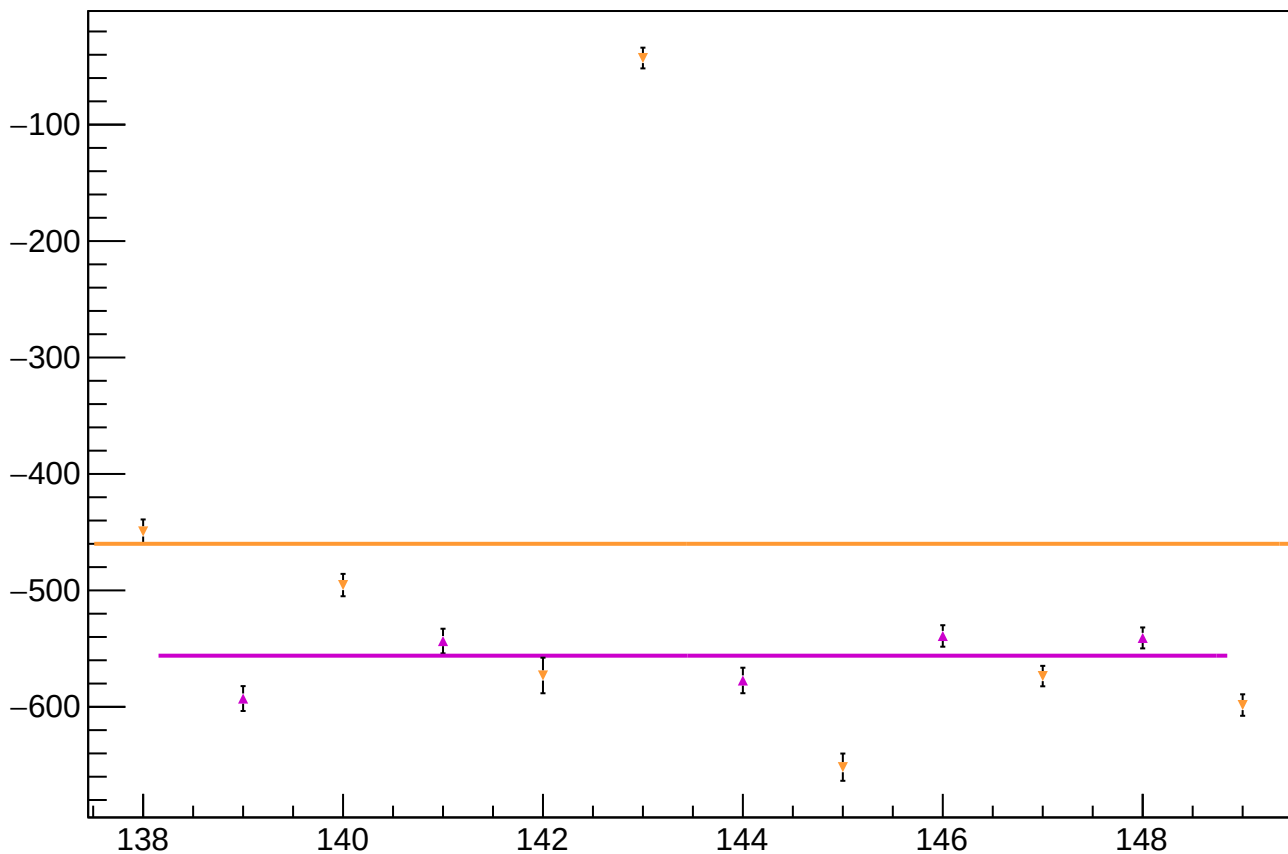
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -21.405 ± 0.039 $\chi^2/\text{NDF}: 728604.1/21$

Out: -22.808 ± 0.038 $\chi^2/\text{NDF}: 745527.4/25$

All: -22.113 ± 0.027 $\chi^2/\text{NDF}: 1474801.3/47$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -459.984 ± 3.801 χ^2/NDF : 2928.1/6

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -556.062 ± 4.464 χ^2/NDF : 23.3/4

Left: -500.364 ± 2.894 χ^2/NDF : 3219.9/11

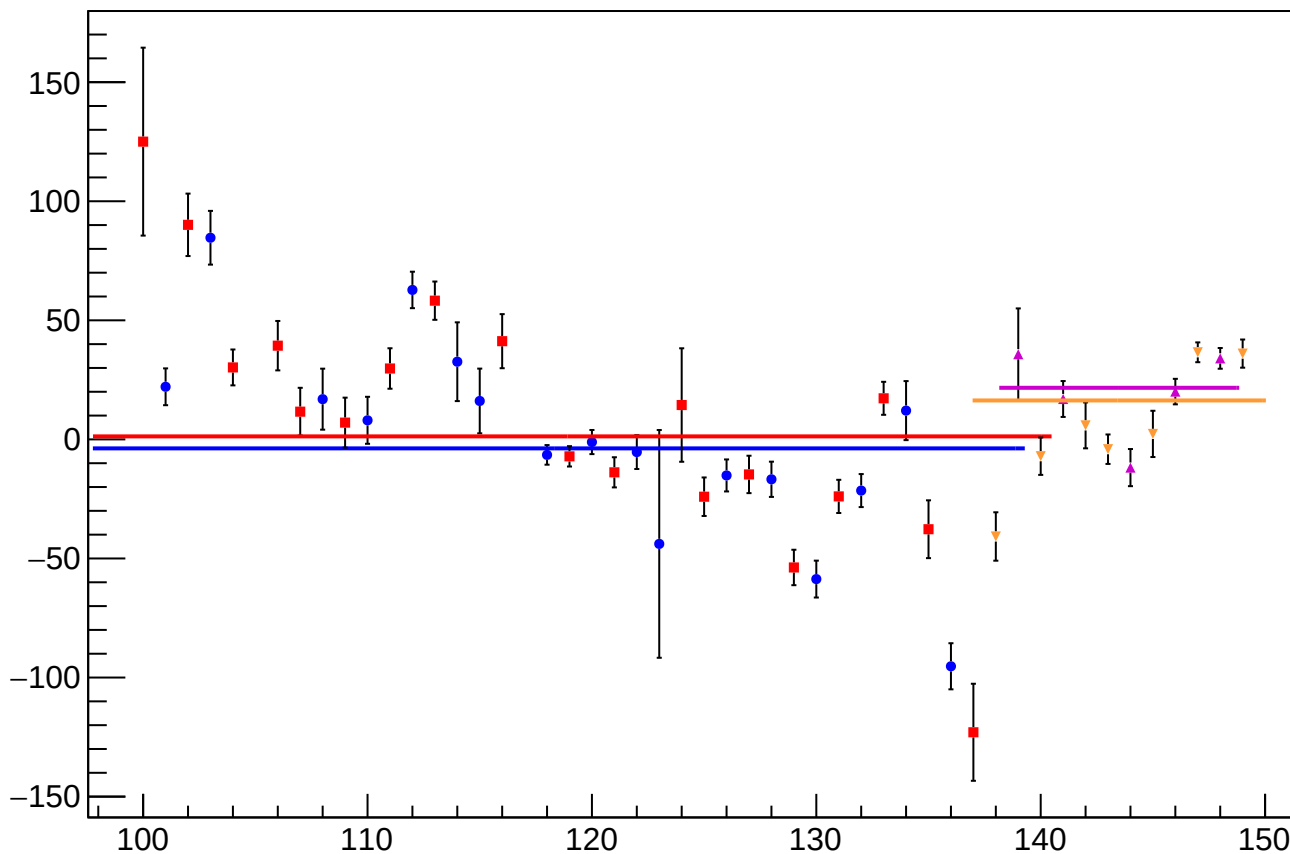
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -556.062 ± 4.464 χ^2/NDF : 23.3/4

Out: -459.984 ± 3.801 χ^2/NDF : 2928.1/6

All: -500.364 ± 2.894 χ^2/NDF : 3219.9/11

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 16.356 ± 2.502 χ^2/NDF : 89.4/6

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

Left In: 21.668 ± 2.836 χ^2/NDF : 27.5/4

Left: 18.681 ± 1.876 χ^2/NDF : 118.9/11

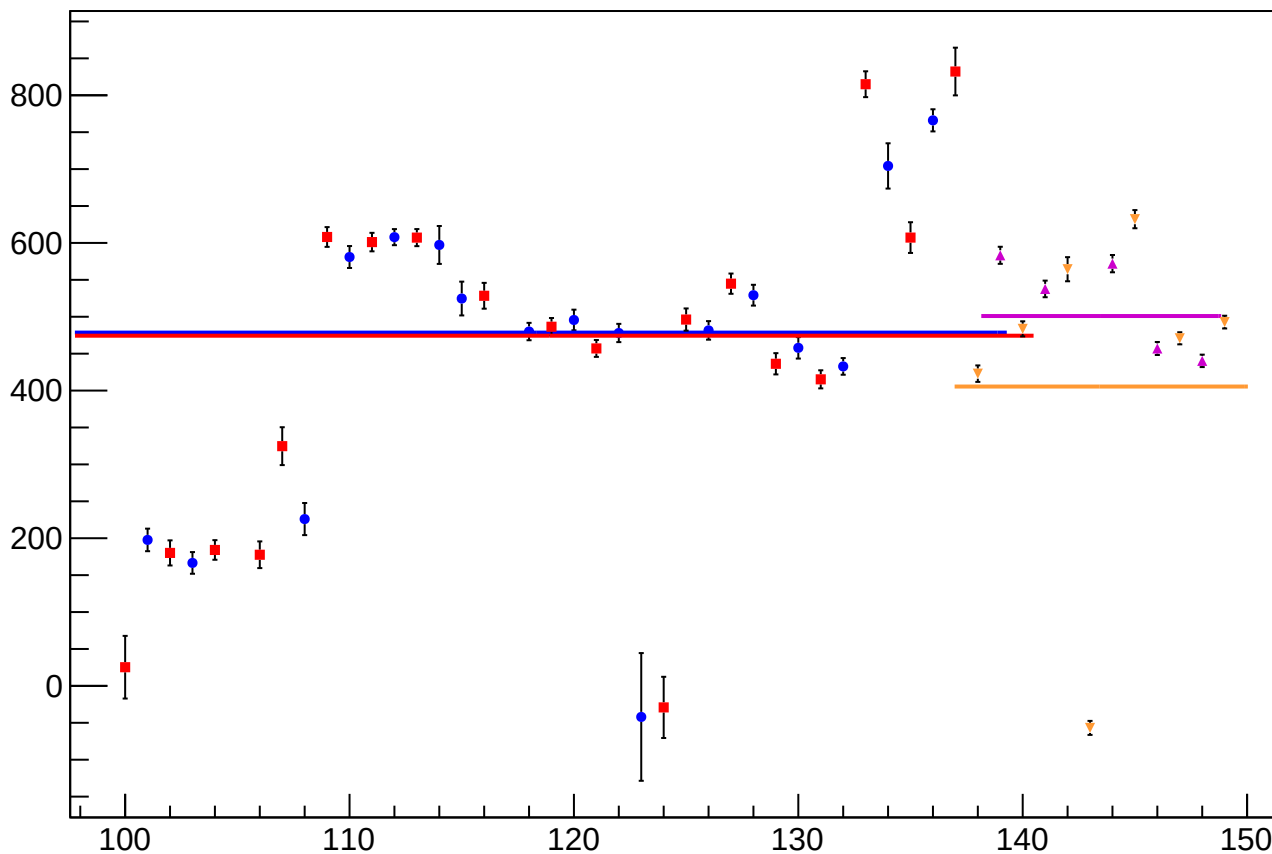
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: 4.043 ± 1.572 χ^2/NDF : 397.6/21

Out: 6.859 ± 1.523 χ^2/NDF : 416.0/25

All: 5.495 ± 1.094 χ^2/NDF : 815.3/47

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 405.471 $\pm$ 3.854 χ^2 /NDF:3029.8/6

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

Left In: 500.981 $\pm$ 4.488 χ^2 /NDF:174.8/4

Left: 446.007 $\pm$ 2.924 χ^2 /NDF: 3465.3/11

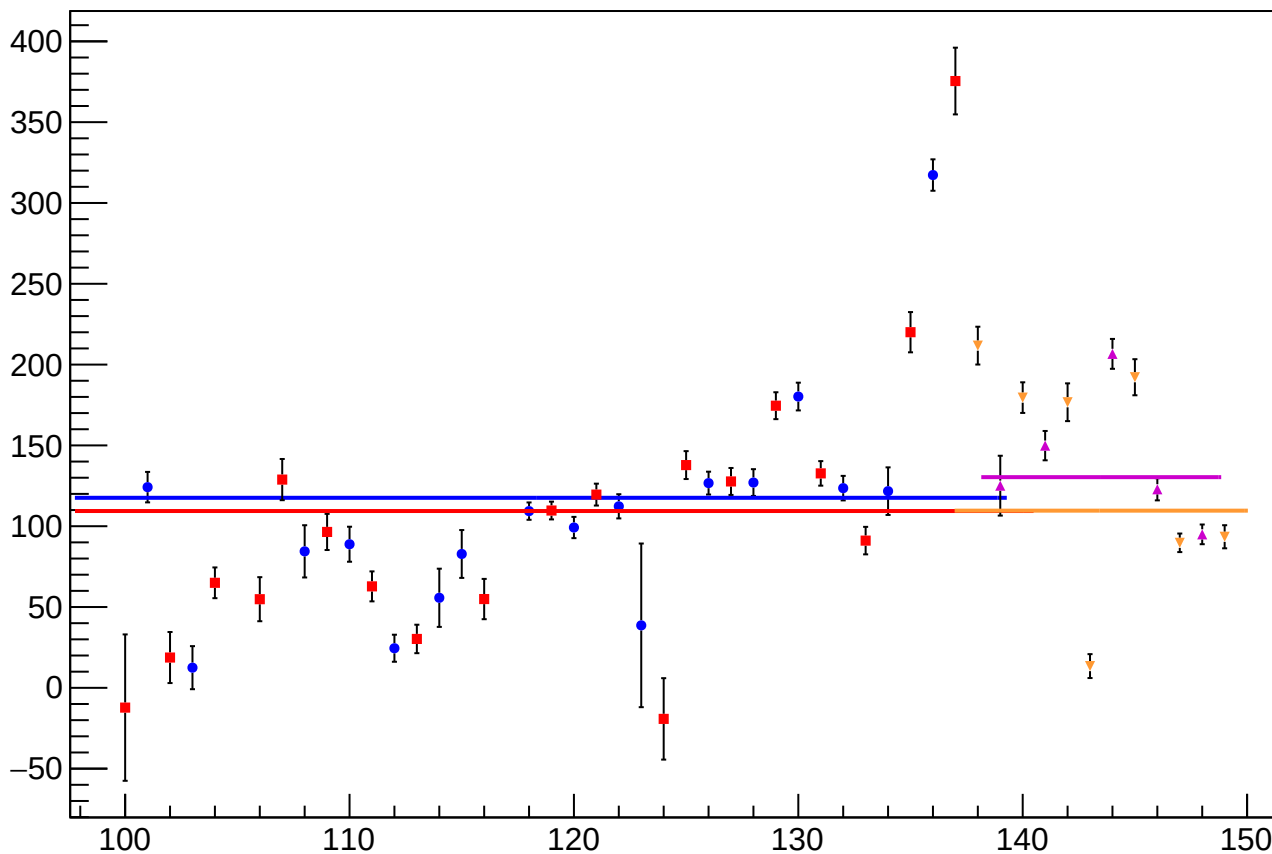
Right: 476.370 $\pm$ 2.532 χ^2 /NDF: 3916.8/35

In: 487.406 $\pm$ 2.822 χ^2 /NDF:1818.9/21

Out: 442.890 $\pm$ 2.604 χ^2 /NDF:5490.4/25

All: 463.361 $\pm$ 1.914 χ^2 /NDF: 7443.7/47

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: 109.630 $\pm$ 3.131 χ^2/NDF :404.5/6

Right Out: 109.400 $\pm$ 2.210 χ^2/NDF : 571.2/18

Left In: 130.357 $\pm$ 3.653 χ^2/NDF :107.7/4

Left: 118.409 $\pm$ 2.377 χ^2/NDF : 530.7/11

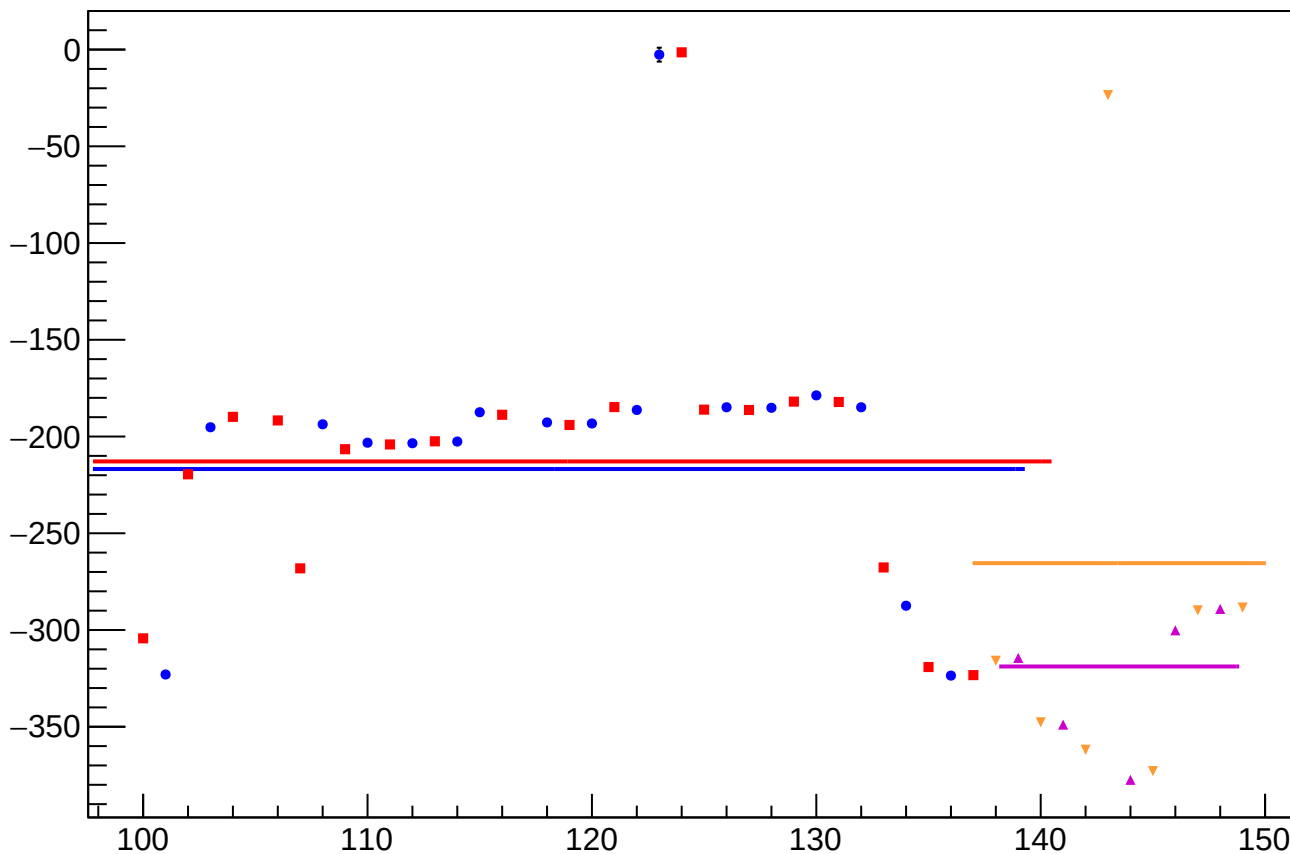
Right: 113.524 $\pm$ 1.557 χ^2/NDF : 1285.0/35

In: 120.968 $\pm$ 1.880 χ^2/NDF :823.5/21

Out: 109.476 $\pm$ 1.805 χ^2/NDF :975.7/25

All: 114.990 $\pm$ 1.302 χ^2/NDF : 1818.7/47

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796 $\pm$ 0.136 χ^2/NDF : 146976.1/16

Left Out: -265.451 $\pm$ 0.164 χ^2/NDF : 530082.0/6

Right Out: -212.869 $\pm$ 0.130 χ^2/NDF : 116393.6/18

Left In: -318.847 $\pm$ 0.188 χ^2/NDF : 26425.9/4

Left: -288.491 $\pm$ 0.123 χ^2/NDF : 602484.5/11

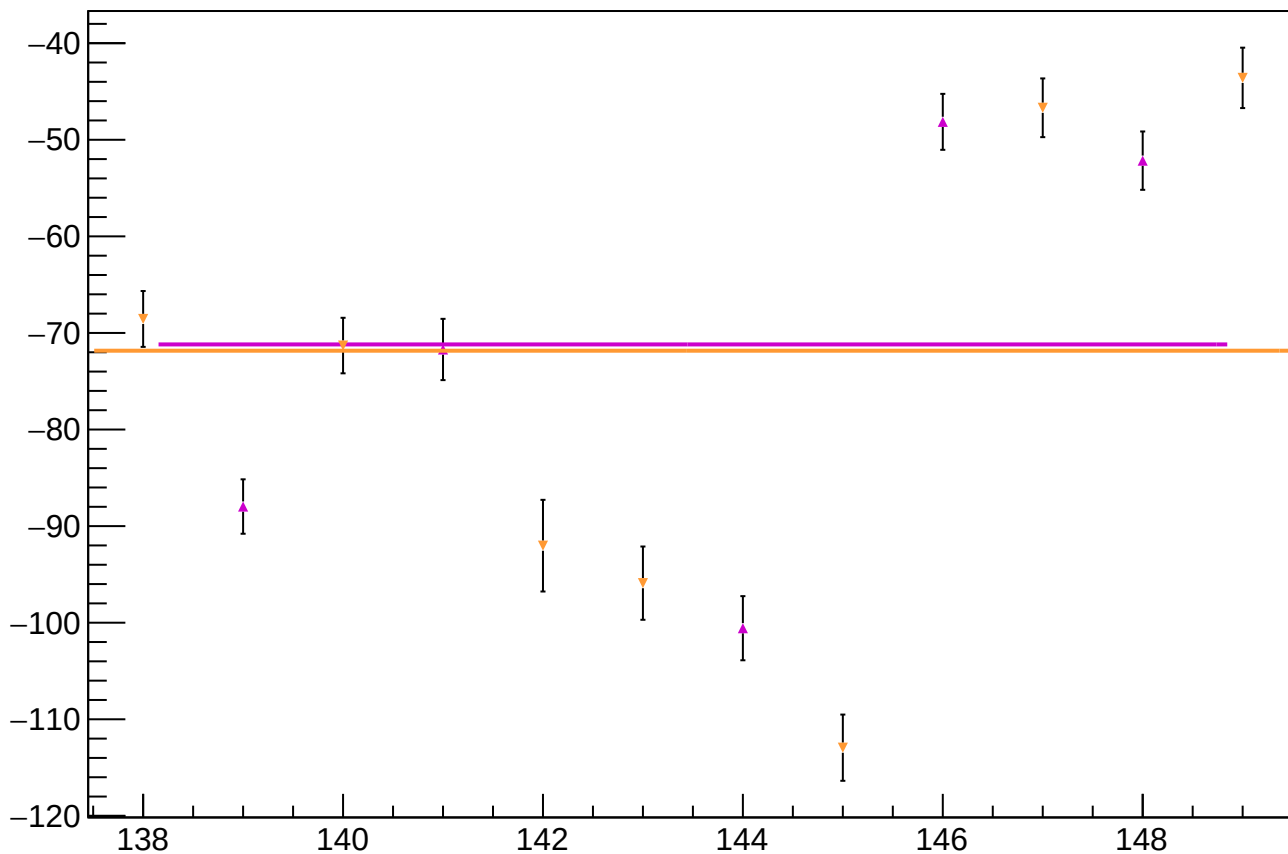
Right: -214.751 $\pm$ 0.094 χ^2/NDF : 263806.1/35

In: -251.794 $\pm$ 0.110 χ^2/NDF : 367499.0/21

Out: -233.252 $\pm$ 0.102 χ^2/NDF : 709745.7/25

All: -241.814 $\pm$ 0.075 χ^2/NDF : 1092550.8/47

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -71.839+/-1.240 χ^2/NDF :353.4/6

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

Left In: -71.188+/-1.355 χ^2/NDF :216.8/4

Left: -71.542+/-0.915 χ^2/NDF : 570.4/11

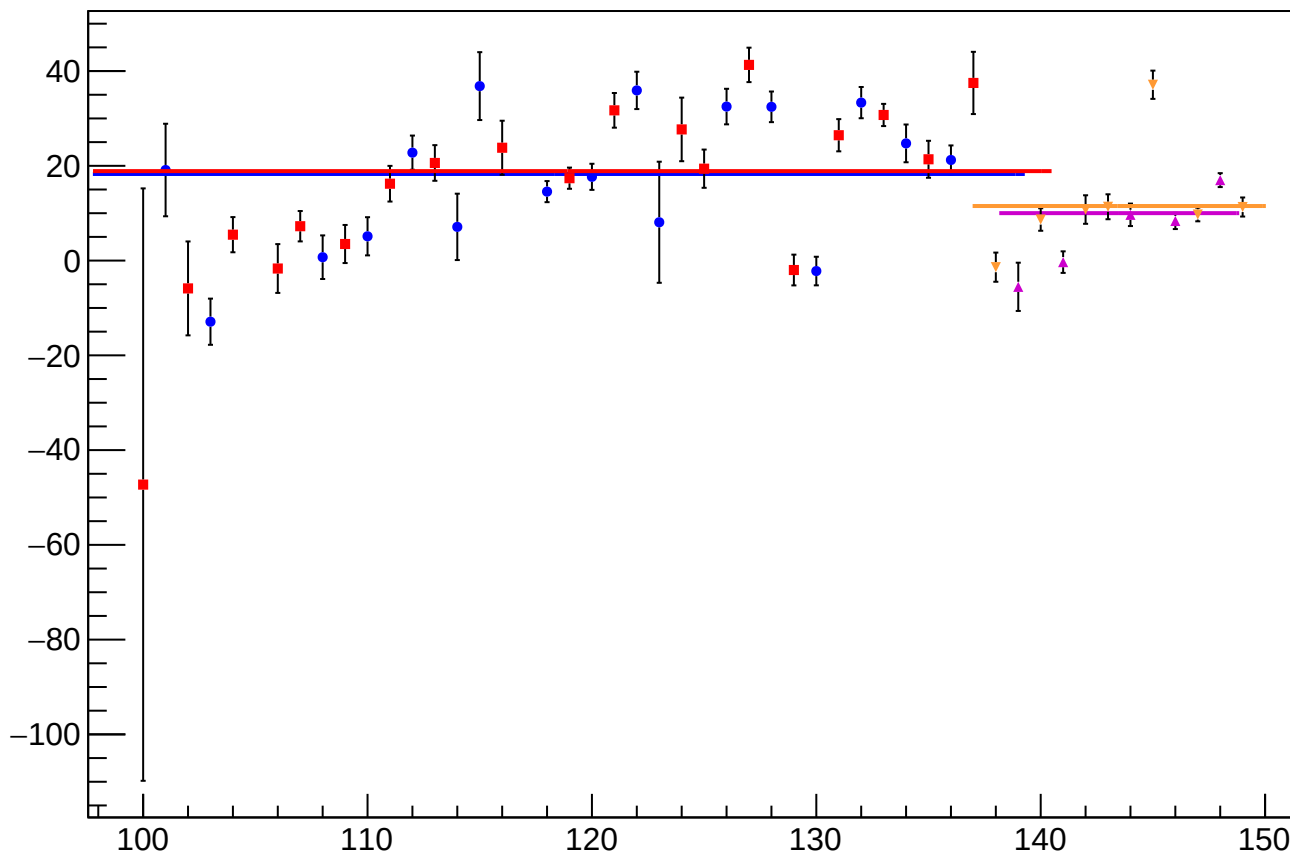
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.188+/-1.355 χ^2/NDF :216.8/4

Out: -71.839+/-1.240 χ^2/NDF :353.4/6

All: -71.542+/-0.915 χ^2/NDF : 570.4/11

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 ± 0.906 $\chi^2/\text{NDF}: 204.6/16$

Left Out: 11.516 ± 0.852 $\chi^2/\text{NDF}: 94.3/6$

Right Out: 18.882 ± 0.864 $\chi^2/\text{NDF}: 198.4/18$

Left In: 10.013 ± 0.907 $\chi^2/\text{NDF}: 53.4/4$

Left: 10.811 ± 0.621 $\chi^2/\text{NDF}: 149.2/11$

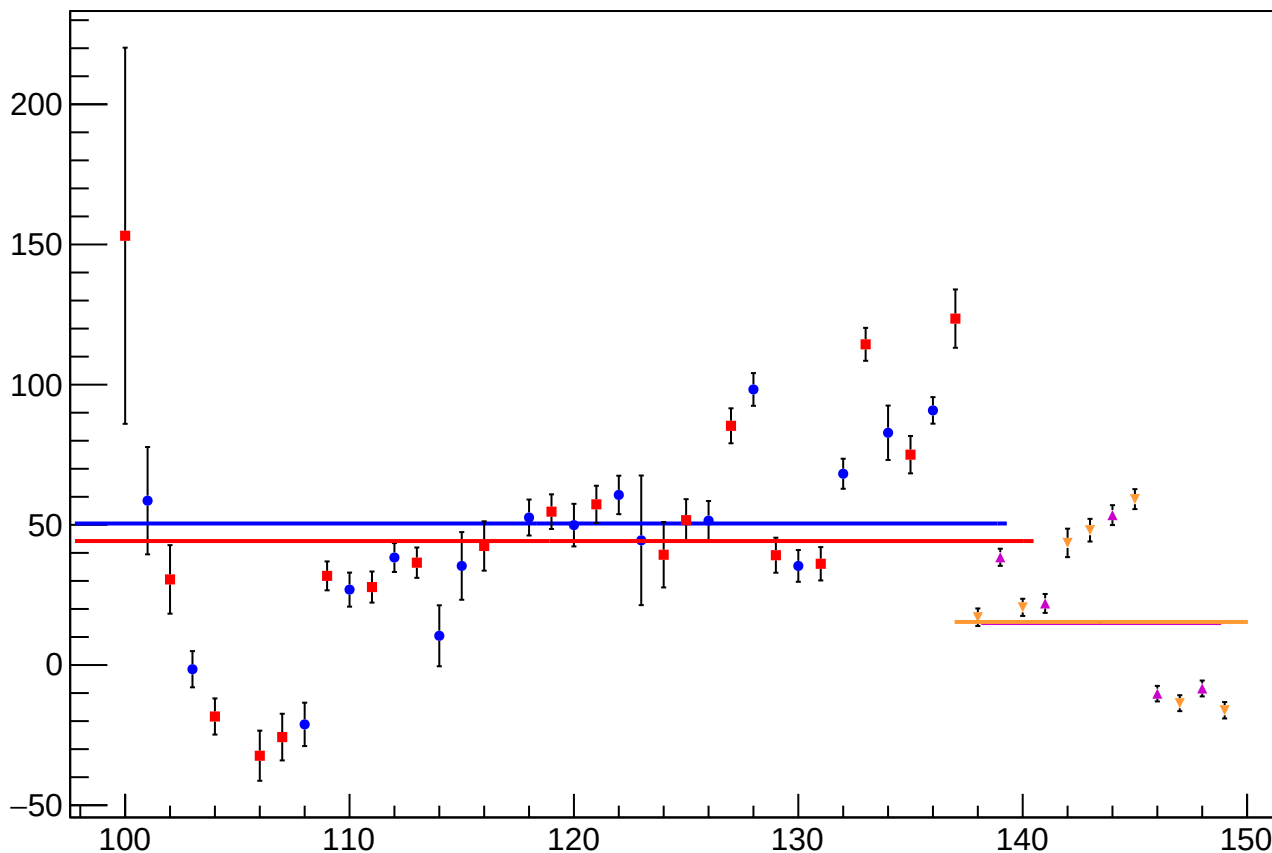
Right: 18.595 ± 0.625 $\chi^2/\text{NDF}: 403.2/35$

In: 14.152 ± 0.641 $\chi^2/\text{NDF}: 299.6/21$

Out: 15.147 ± 0.607 $\chi^2/\text{NDF}: 329.6/25$

All: 14.676 ± 0.441 $\chi^2/\text{NDF}: 630.5/47$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 15.361 $\pm$ 1.262 χ^2 /NDF:470.8/6

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

Left In: 14.981 $\pm$ 1.374 χ^2 /NDF:331.4/4

Left: 15.187 $\pm$ 0.929 χ^2 /NDF: 802.3/11

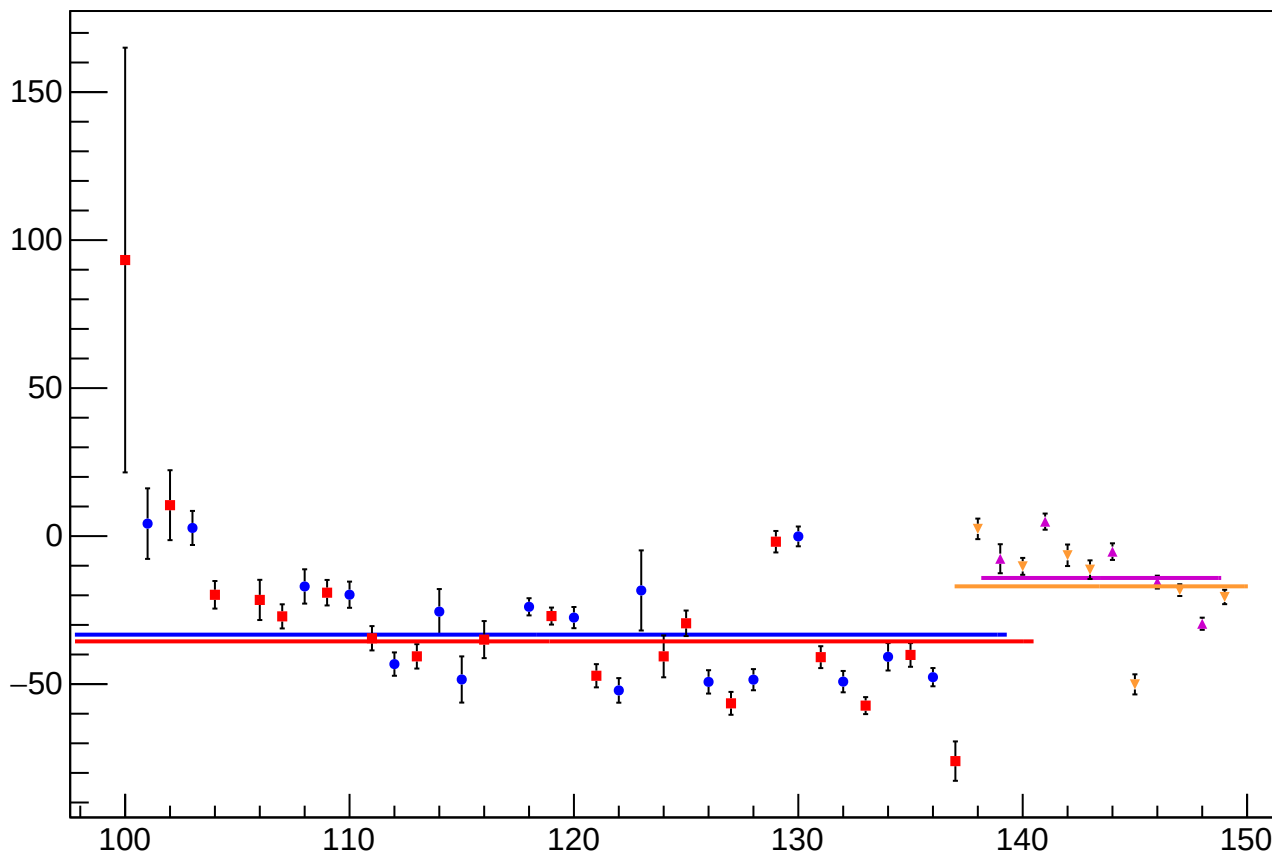
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 29.334 $\pm$ 1.061 χ^2 /NDF:959.2/21

Out: 26.408 $\pm$ 0.991 χ^2 /NDF:1205.4/25

All: 27.773 $\pm$ 0.724 χ^2 /NDF: 2168.7/47

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.972 ± 1.059 χ^2/NDF : 146.1/6

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

Left In: -14.141 ± 1.154 χ^2/NDF : 117.6/4

Left: -15.678 ± 0.780 χ^2/NDF : 266.9/11

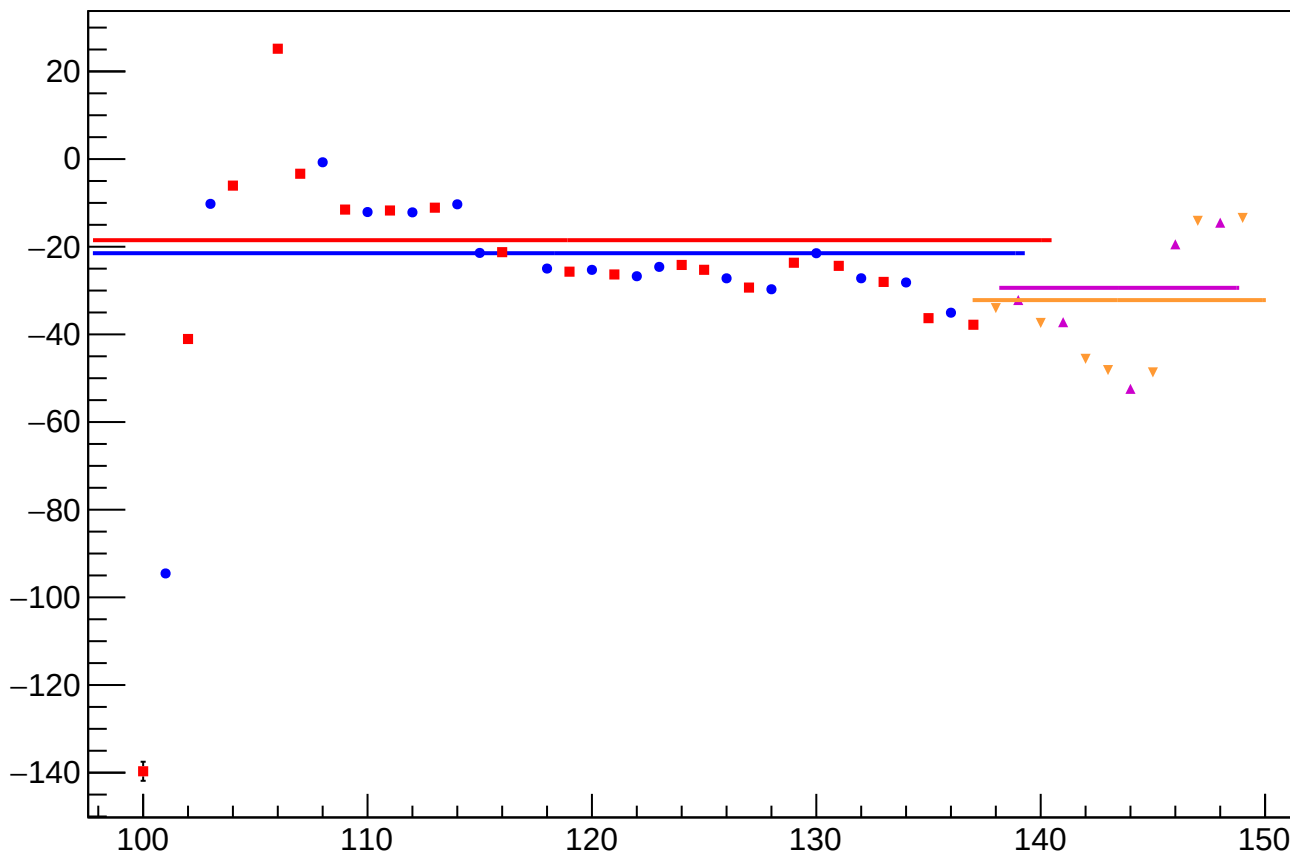
Right: -34.474 ± 0.716 χ^2/NDF : 579.3/35

In: -24.777 ± 0.770 χ^2/NDF : 559.5/21

Out: -26.871 ± 0.724 χ^2/NDF : 597.8/25

All: -25.887 ± 0.527 χ^2/NDF : 1161.3/47

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -32.178 ± 0.053 $\chi^2/\text{NDF}: 69768.0/6$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

Left In: -29.378 ± 0.057 $\chi^2/\text{NDF}: 47093.0/4$

Left: -30.869 ± 0.039 $\chi^2/\text{NDF}: 118160.1/11$

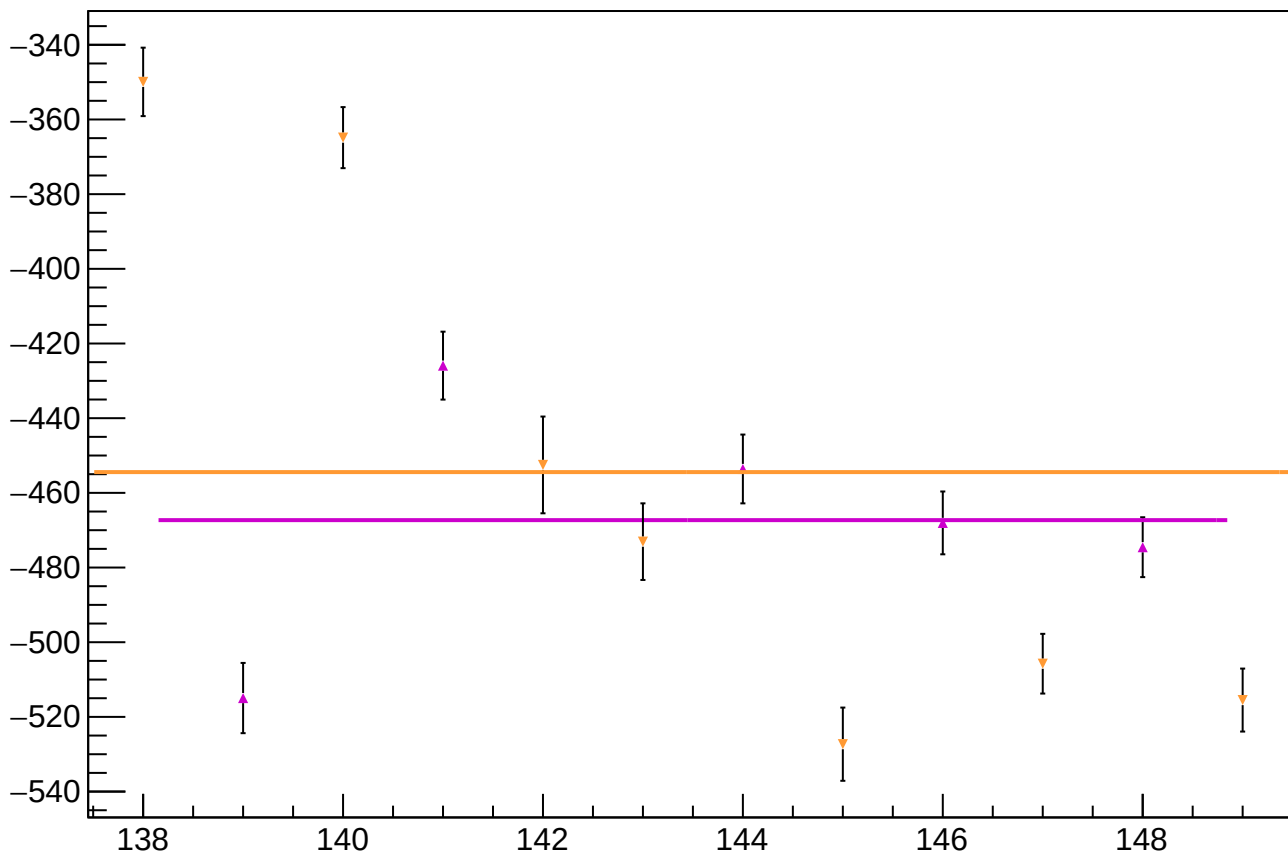
Right: -19.957 ± 0.041 $\chi^2/\text{NDF}: 131054.3/35$

In: -25.564 ± 0.041 $\chi^2/\text{NDF}: 105484.6/21$

Out: -25.864 ± 0.039 $\chi^2/\text{NDF}: 181092.5/25$

All: -25.721 ± 0.028 $\chi^2/\text{NDF}: 286605.4/47$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -454.437+/-3.483 χ^2/NDF :402.2/6

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

Left In: -467.305+/-3.927 χ^2/NDF :49.4/4

Left: -460.104+/-2.606 χ^2/NDF : 457.6/11

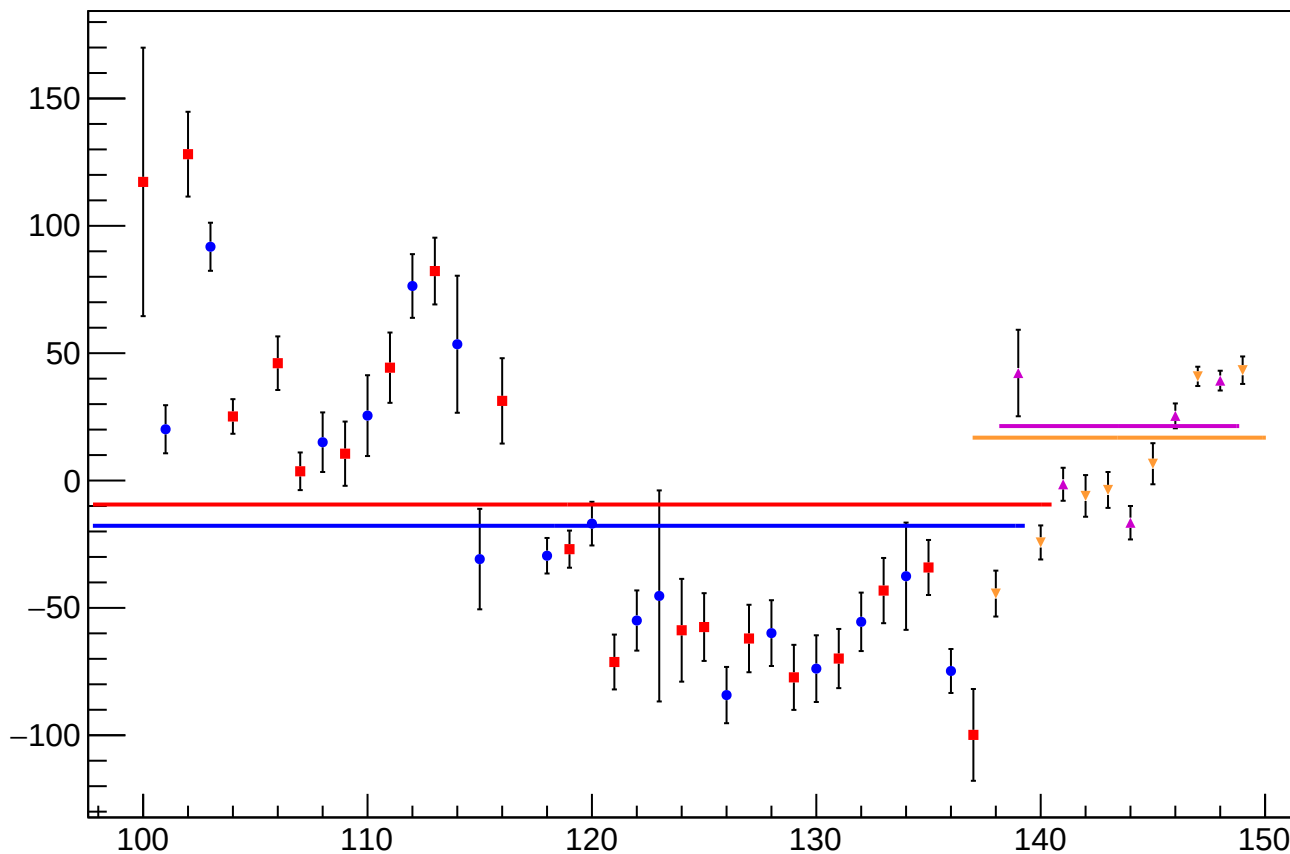
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.305+/-3.927 χ^2/NDF :49.4/4

Out: -454.437+/-3.483 χ^2/NDF :402.2/6

All: -460.104+/-2.606 χ^2/NDF : 457.6/11

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 16.835 ± 2.299 χ^2/NDF : 166.4/6

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

Left In: 21.385 ± 2.509 χ^2/NDF : 69.1/4

Left: 18.912 ± 1.695 χ^2/NDF : 237.3/11

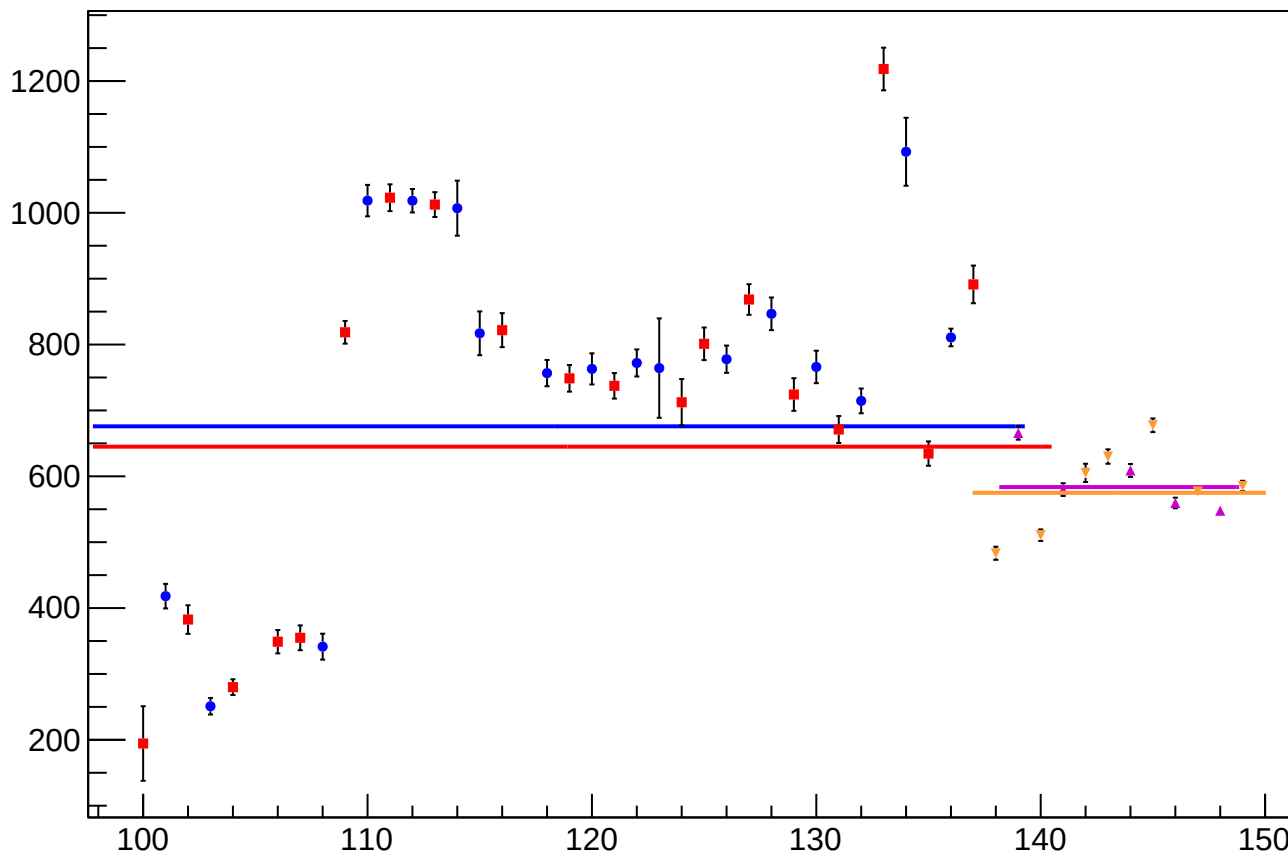
Right: -13.331 ± 1.905 χ^2/NDF : 738.2/35

In: 3.818 ± 1.863 χ^2/NDF : 542.2/21

Out: 5.380 ± 1.726 χ^2/NDF : 592.8/25

All: 4.658 ± 1.266 χ^2/NDF : 1135.4/47

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 574.953 ± 3.530 χ^2/NDF : 269.9/6

Right Out: 645.014 ± 4.761 χ^2/NDF : 3123.3/18

Left In: 583.688 ± 3.958 χ^2/NDF : 103.6/4

Left: 578.823 ± 2.635 χ^2/NDF : 376.2/11

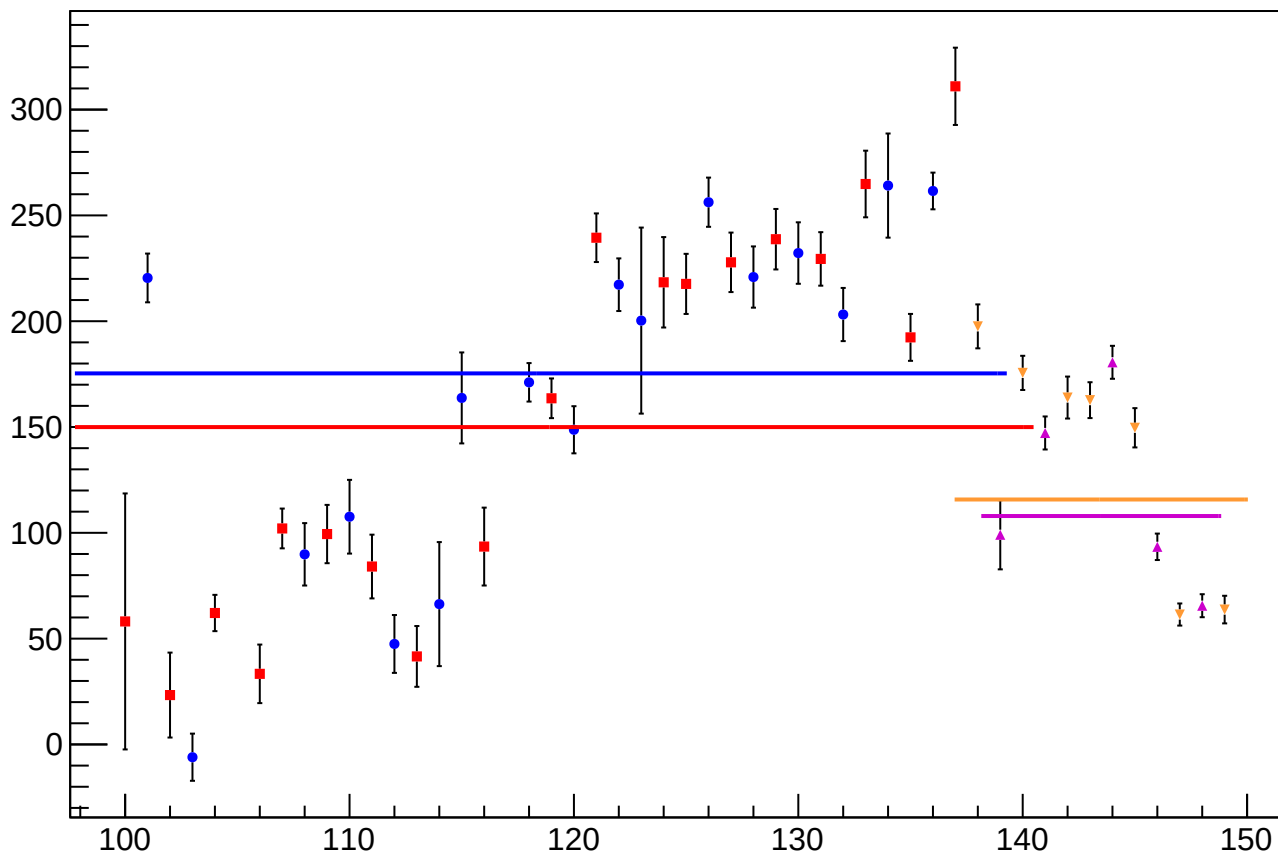
Right: 659.573 ± 3.460 χ^2/NDF : 5729.5/35

In: 618.879 ± 3.112 χ^2/NDF : 2897.1/21

Out: 599.810 ± 2.836 χ^2/NDF : 3532.9/25

All: 608.460 ± 2.096 χ^2/NDF : 6450.5/47

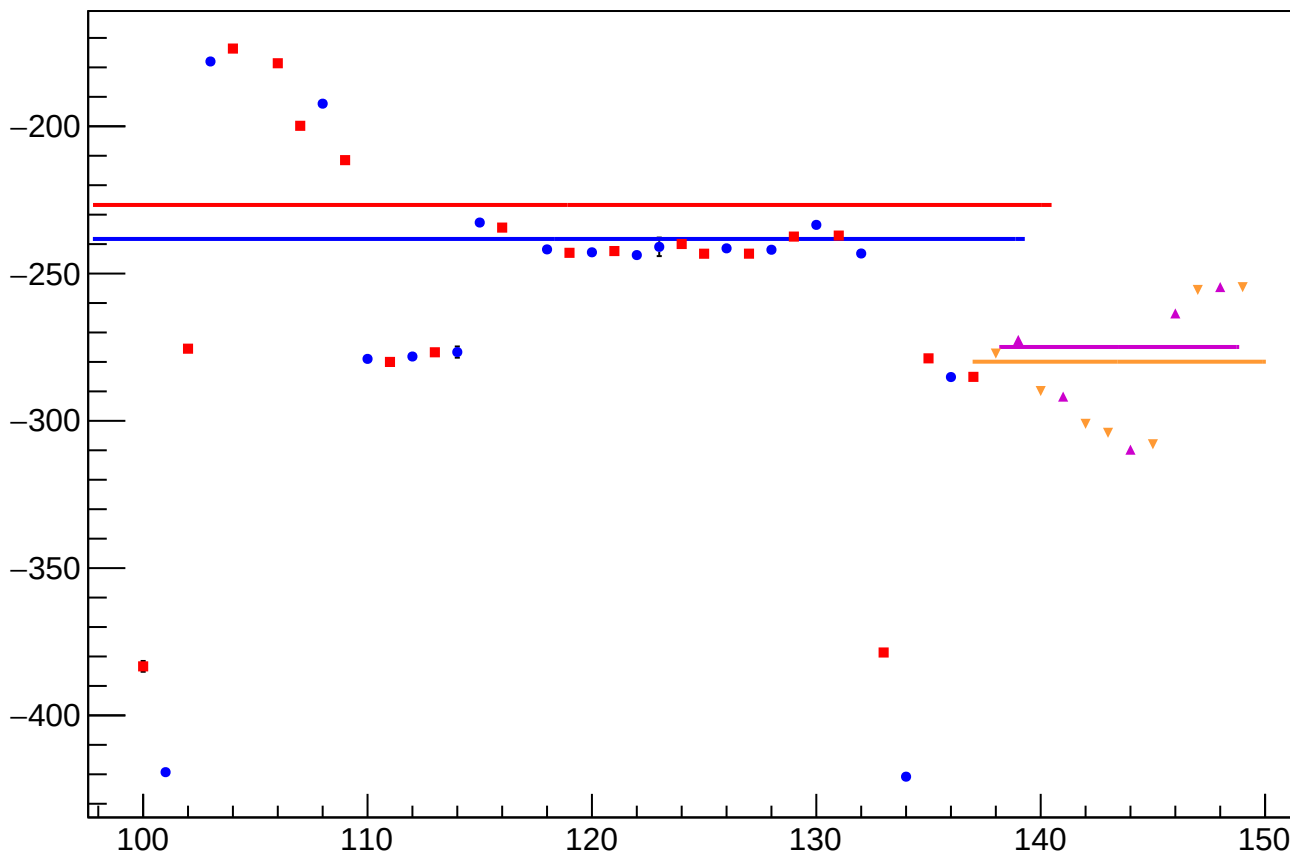
reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2/NDF : 638.5/16
 Left Out: 115.750 $\pm$ 2.882 χ^2/NDF : 356.3/6
 Right Out: 149.966 $\pm$ 3.045 χ^2/NDF : 693.2/18
 Left In: 107.940 $\pm$ 3.225 χ^2/NDF : 178.8/4

Left: 112.283 $\pm$ 2.149 χ^2/NDF : 538.4/11
 Right: 162.013 $\pm$ 2.207 χ^2/NDF : 1364.6/35
 In: 141.875 $\pm$ 2.273 χ^2/NDF : 1037.2/21
 Out: 131.917 $\pm$ 2.093 χ^2/NDF : 1116.1/25
 All: 136.487 $\pm$ 1.540 χ^2/NDF : 2163.6/47

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248 ± 0.160 $\chi^2/\text{NDF}: 167125.9/16$

Left Out: -279.921 ± 0.150 $\chi^2/\text{NDF}: 20130.5/6$

Right Out: -226.706 ± 0.151 $\chi^2/\text{NDF}: 102831.3/18$

Left In: -274.923 ± 0.165 $\chi^2/\text{NDF}: 13376.5/4$

Left: -277.660 ± 0.111 $\chi^2/\text{NDF}: 34007.1/11$

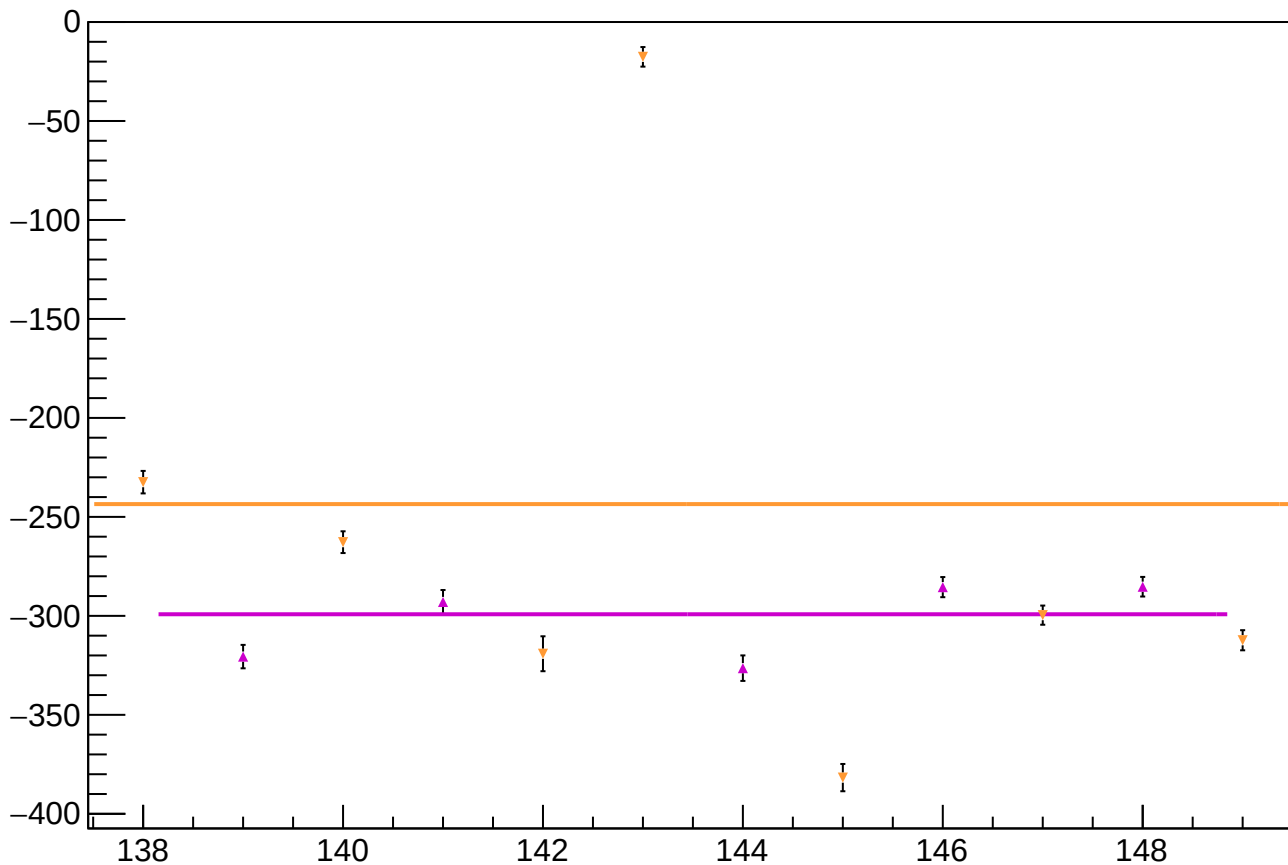
Right: -232.150 ± 0.110 $\chi^2/\text{NDF}: 272709.4/35$

In: -255.969 ± 0.115 $\chi^2/\text{NDF}: 205914.9/21$

Out: -253.453 ± 0.107 $\chi^2/\text{NDF}: 185305.1/25$

All: -254.616 ± 0.078 $\chi^2/\text{NDF}: 391477.5/47$

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: -243.539+/-2.131 χ^2/NDF : 2895.7/6

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

Left In: -299.190+/-2.503 χ^2/NDF : 47.2/4

Left: -266.918+/-1.622 χ^2/NDF : 3229.5/11

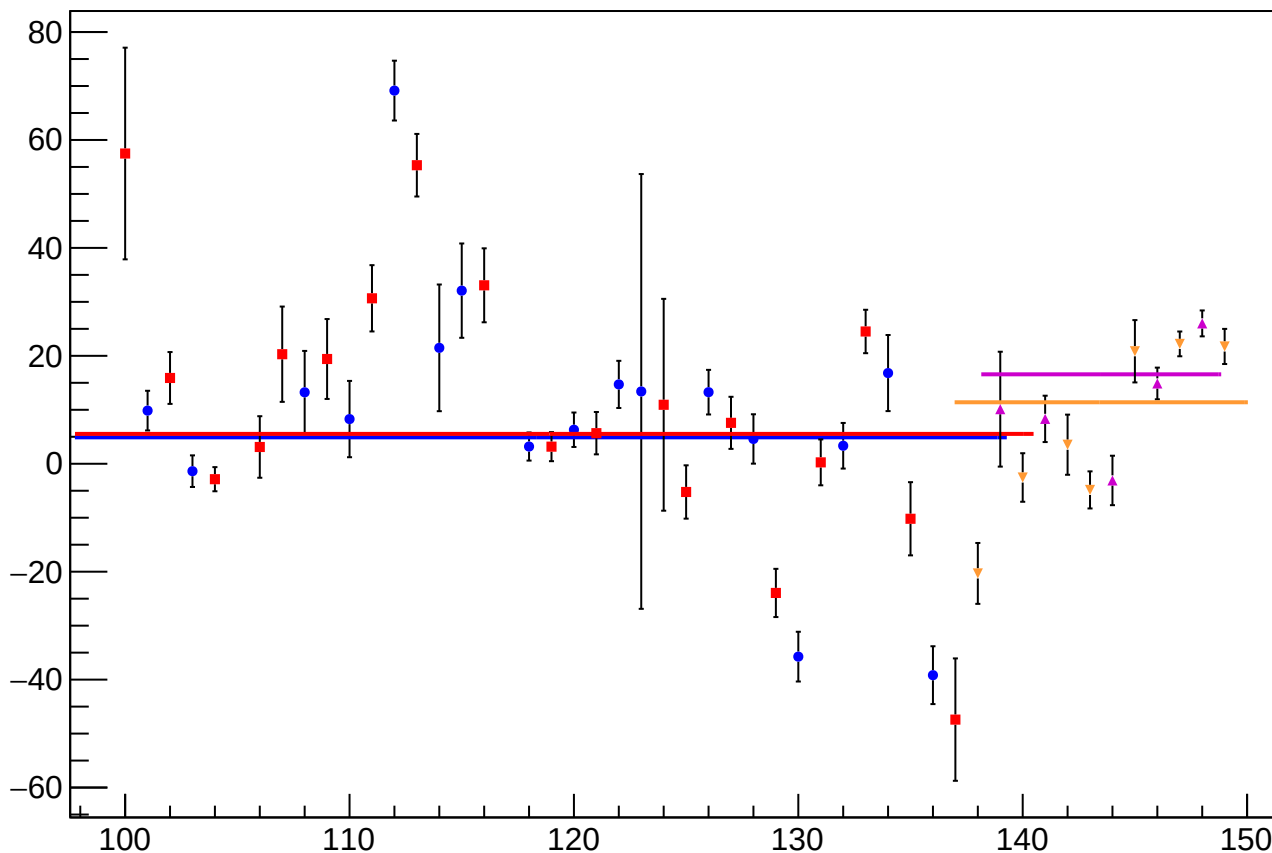
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -299.190+/-2.503 χ^2/NDF : 47.2/4

Out: -243.539+/-2.131 χ^2/NDF : 2895.7/6

All: -266.918+/-1.622 χ^2/NDF : 3229.5/11

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 $\pm$ 1.089 χ^2 /NDF: 312.0/16

Left Out: 11.394 $\pm$ 1.398 χ^2 /NDF:100.5/6

Right Out: 5.534 $\pm$ 1.071 χ^2 /NDF: 239.1/18

Left In: 16.574 $\pm$ 1.581 χ^2 /NDF:38.3/4

Left: 13.667 $\pm$ 1.047 χ^2 /NDF: 144.8/11

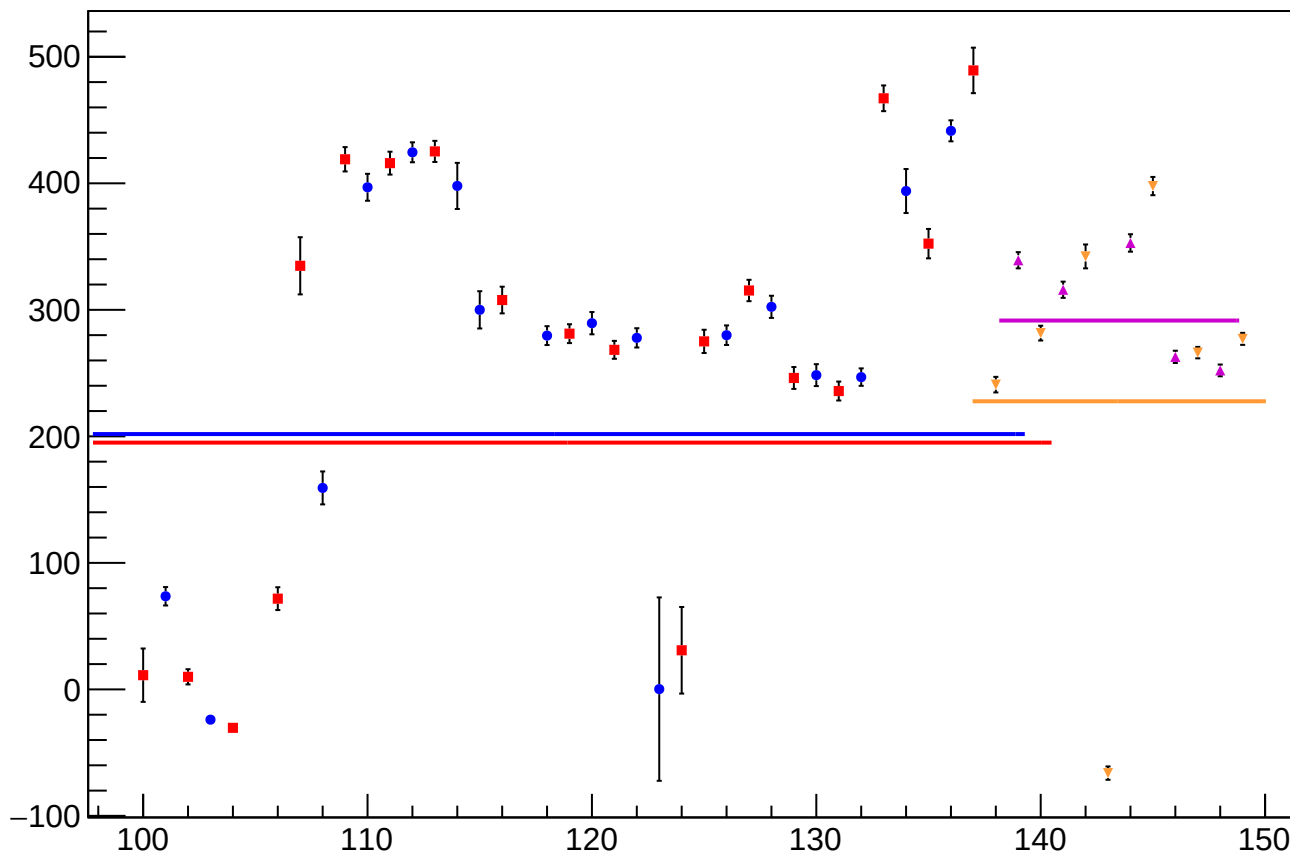
Right: 5.220 $\pm$ 0.764 χ^2 /NDF: 551.3/35

In: 8.655 $\pm$ 0.897 χ^2 /NDF:387.2/21

Out: 7.703 $\pm$ 0.850 χ^2 /NDF:350.7/25

All: 8.154 $\pm$ 0.617 χ^2 /NDF: 738.5/47

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: 227.720 $\pm$ 2.156 χ^2 /NDF:4069.3/6

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 291.539 $\pm$ 2.511 χ^2 /NDF:255.9/4

Left: 254.802 $\pm$ 1.636 χ^2 /NDF: 4696.9/11

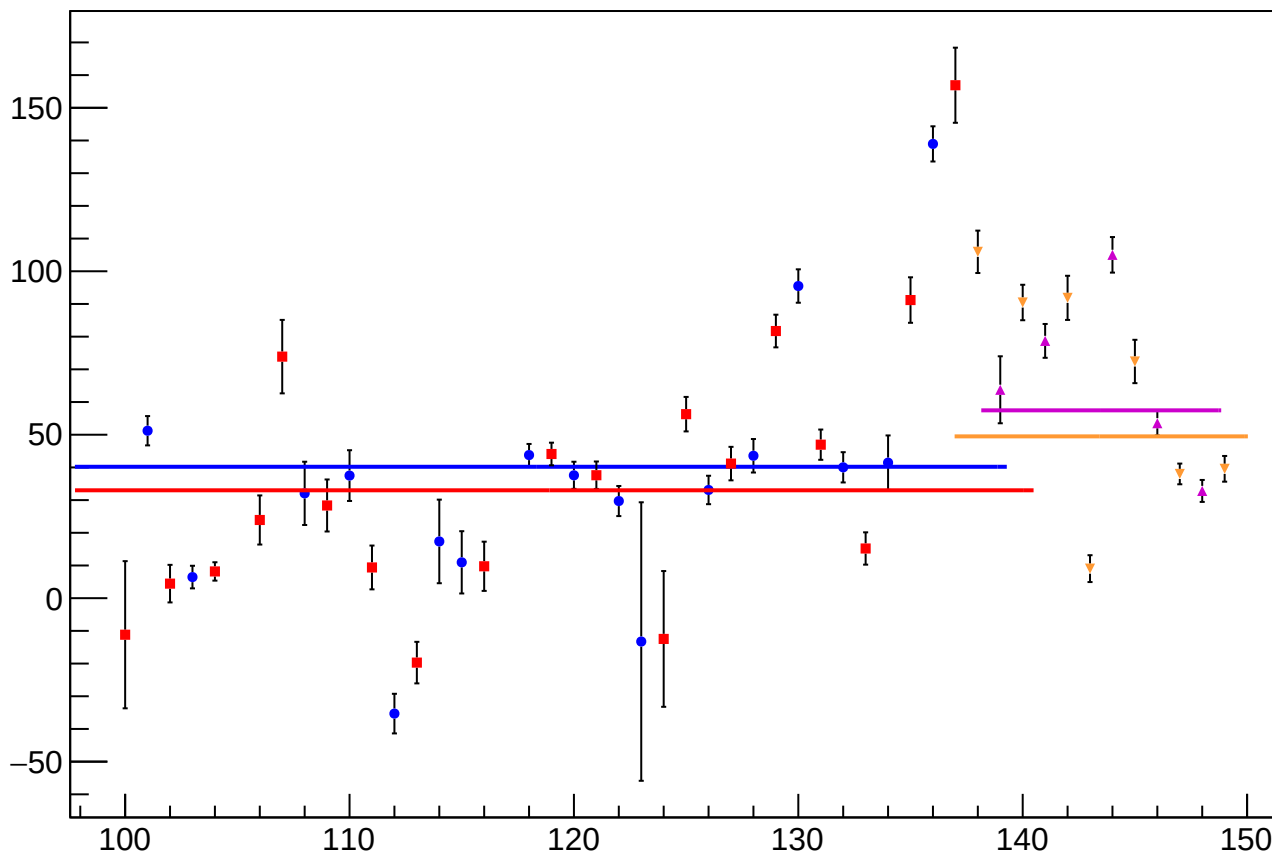
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 235.998 $\pm$ 1.550 χ^2 /NDF:7800.3/21

Out: 209.537 $\pm$ 1.436 χ^2 /NDF:12454.2/25

All: 221.754 $\pm$ 1.053 χ^2 /NDF: 20411.3/47

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 49.495 $\pm$ 1.751 χ^2 /NDF:300.6/6

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 57.457 $\pm$ 2.042 χ^2 /NDF:148.7/4

Left: 52.869 $\pm$ 1.329 χ^2 /NDF: 458.1/11

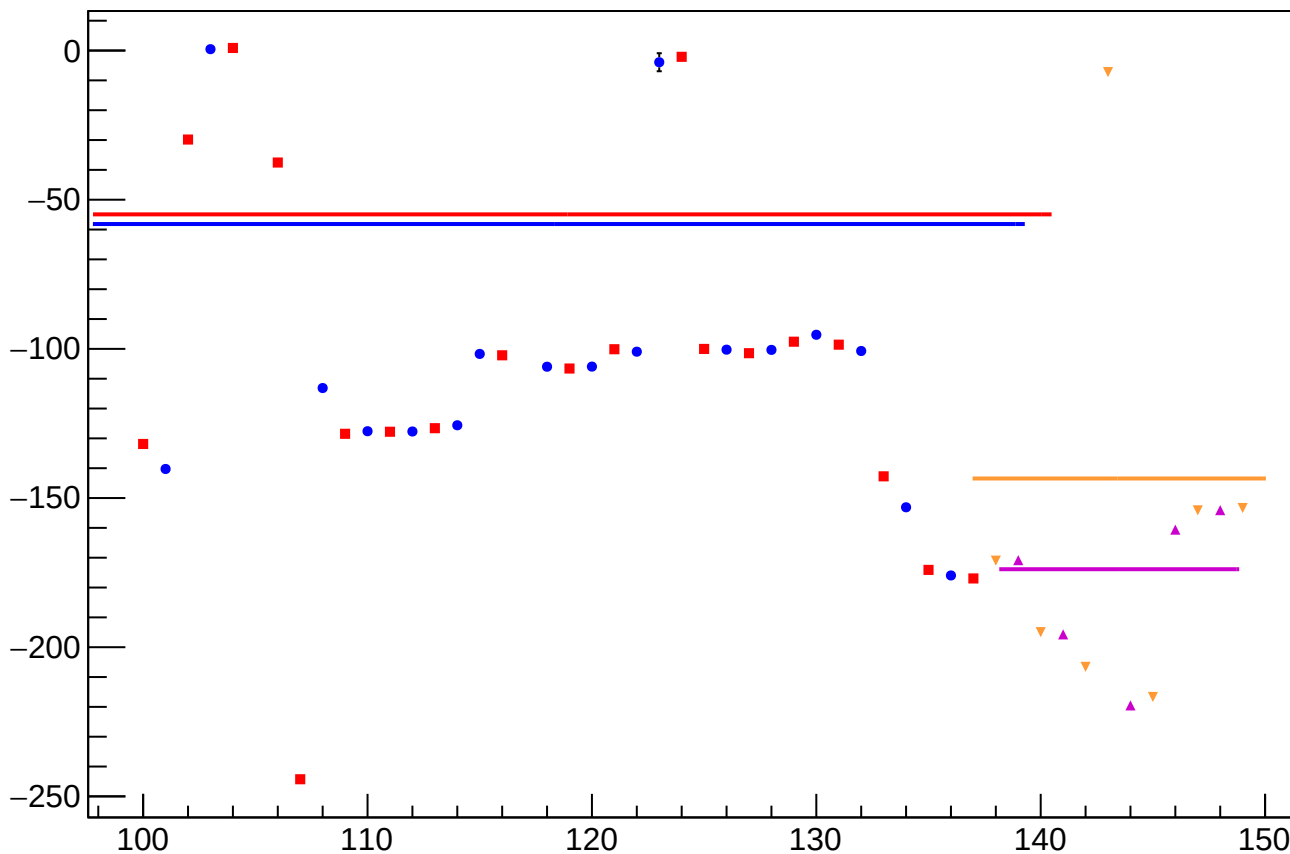
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 44.998 $\pm$ 1.077 χ^2 /NDF:935.2/21

Out: 38.583 $\pm$ 1.019 χ^2 /NDF:913.4/25

All: 41.612 $\pm$ 0.740 χ^2 /NDF: 1867.4/47

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -143.449 ± 0.092 $\chi^2/\text{NDF}: 567812.5/6$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

Left In: -173.858 ± 0.105 $\chi^2/\text{NDF}: 43546.7/4$

Left: -156.588 ± 0.069 $\chi^2/\text{NDF}: 658992.4/11$

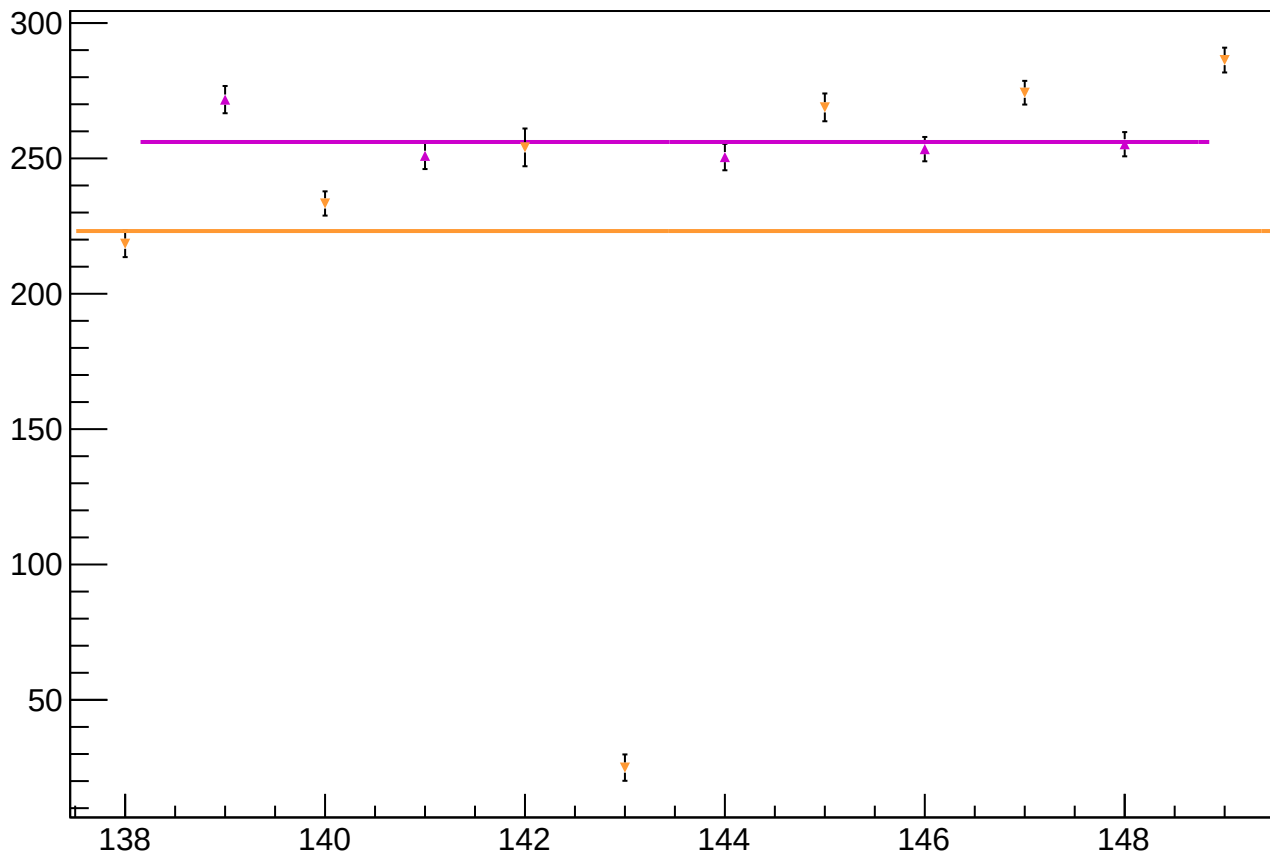
Right: -56.499 ± 0.043 $\chi^2/\text{NDF}: 2110811.0/35$

In: -87.762 ± 0.053 $\chi^2/\text{NDF}: 2052584.3/21$

Out: -81.637 ± 0.050 $\chi^2/\text{NDF}: 2224089.9/25$

All: -84.534 ± 0.037 $\chi^2/\text{NDF}: 4283681.0/47$

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: 223.169+/-1.853 χ^2/NDF :2087.0/6

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

Left In: 256.063+/-2.120 χ^2/NDF :12.4/4

Left: 237.417+/-1.395 χ^2/NDF : 2235.9/11

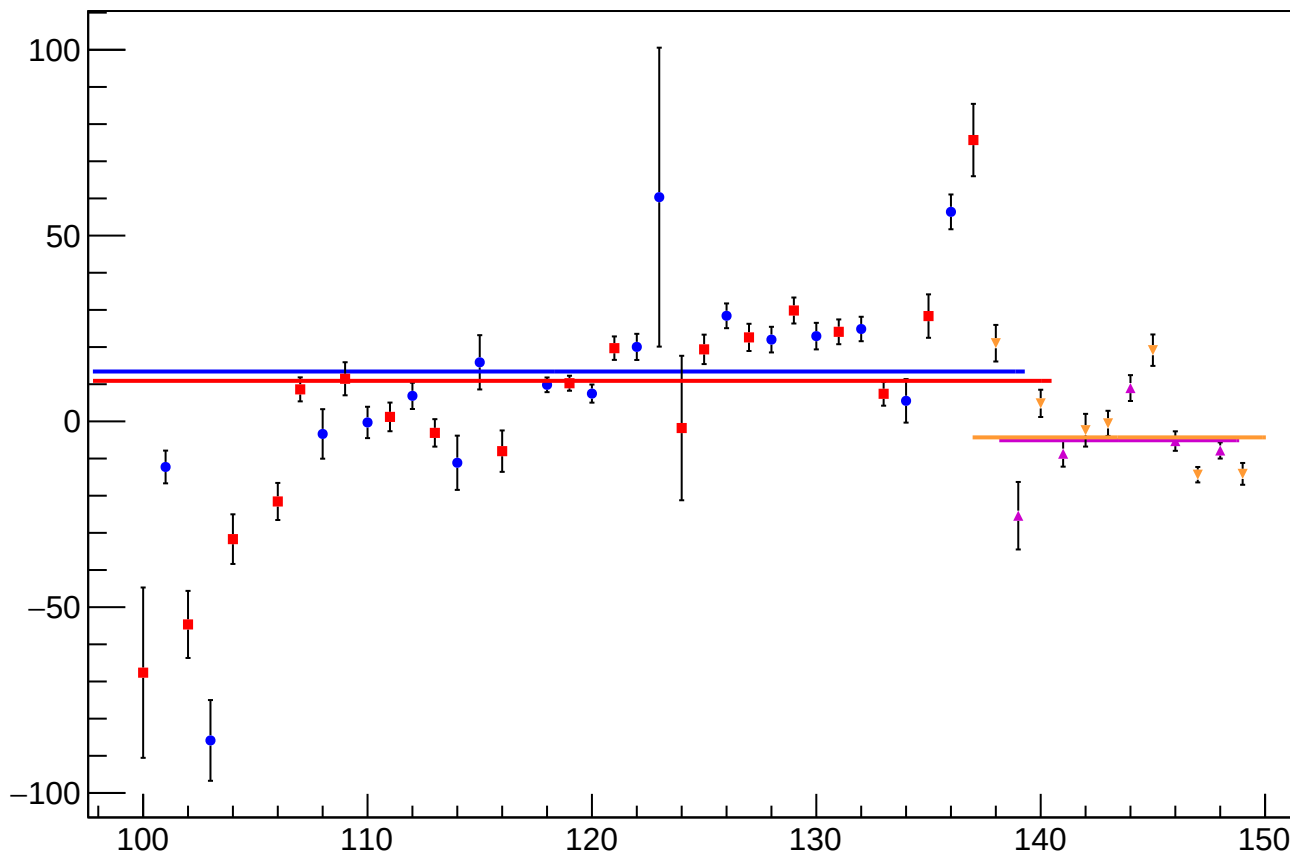
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.063+/-2.120 χ^2/NDF :12.4/4

Out: 223.169+/-1.853 χ^2/NDF :2087.0/6

All: 237.417+/-1.395 χ^2/NDF : 2235.9/11

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: -4.307+/-1.233 χ^2/NDF : 99.5/6

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

Left In: -5.080+/-1.368 χ^2/NDF : 24.0/4

Left: -4.653+/-0.916 χ^2/NDF : 123.6/11

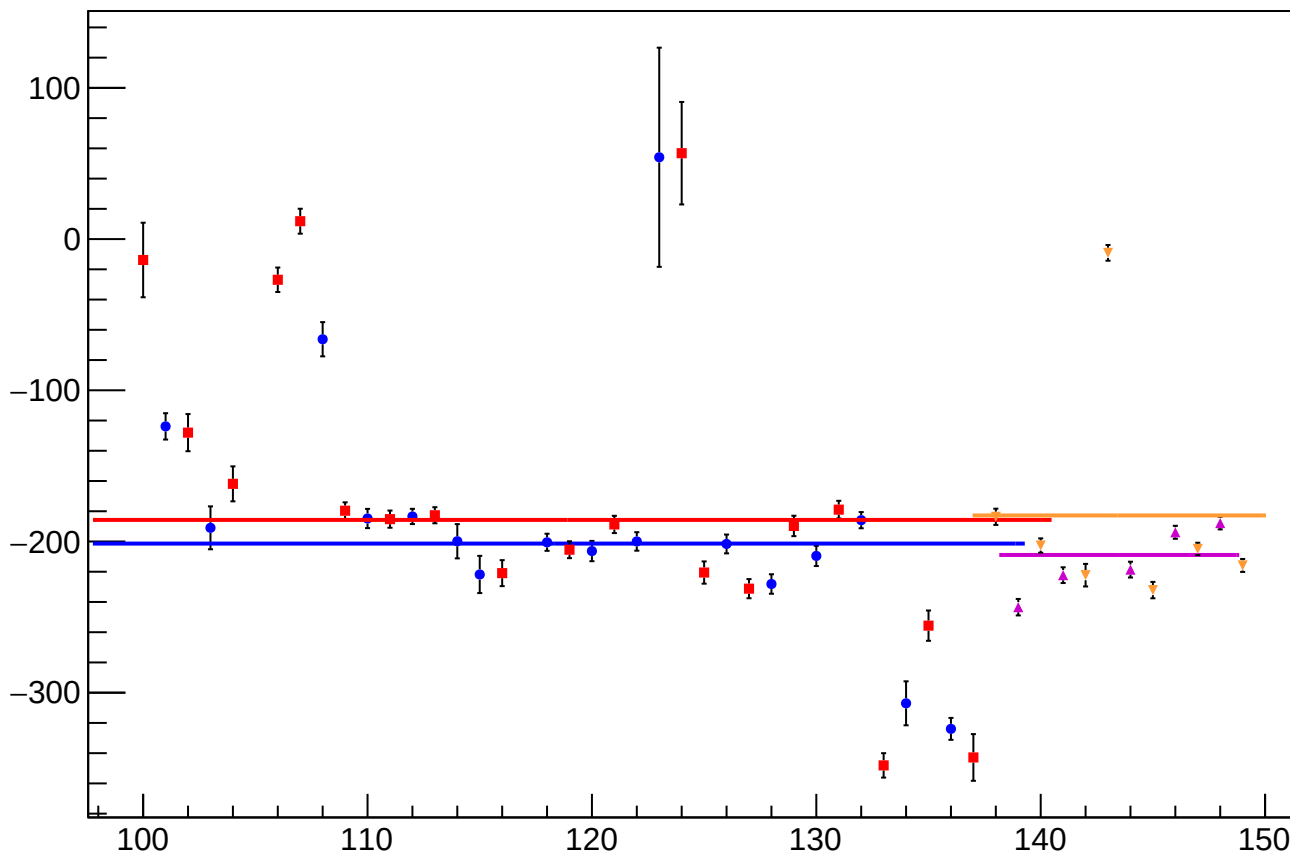
Right: 12.160+/-0.649 χ^2/NDF : 601.6/35

In: 7.666+/-0.763 χ^2/NDF : 445.2/21

Out: 5.494+/-0.735 χ^2/NDF : 500.2/25

All: 6.539+/-0.530 χ^2/NDF : 949.6/47

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: -182.768 ± 1.883 χ^2/NDF : 1333.1/6

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: -208.915 ± 2.141 χ^2/NDF : 87.6/4

Left: -194.173 ± 1.414 χ^2/NDF : 1504.8/11

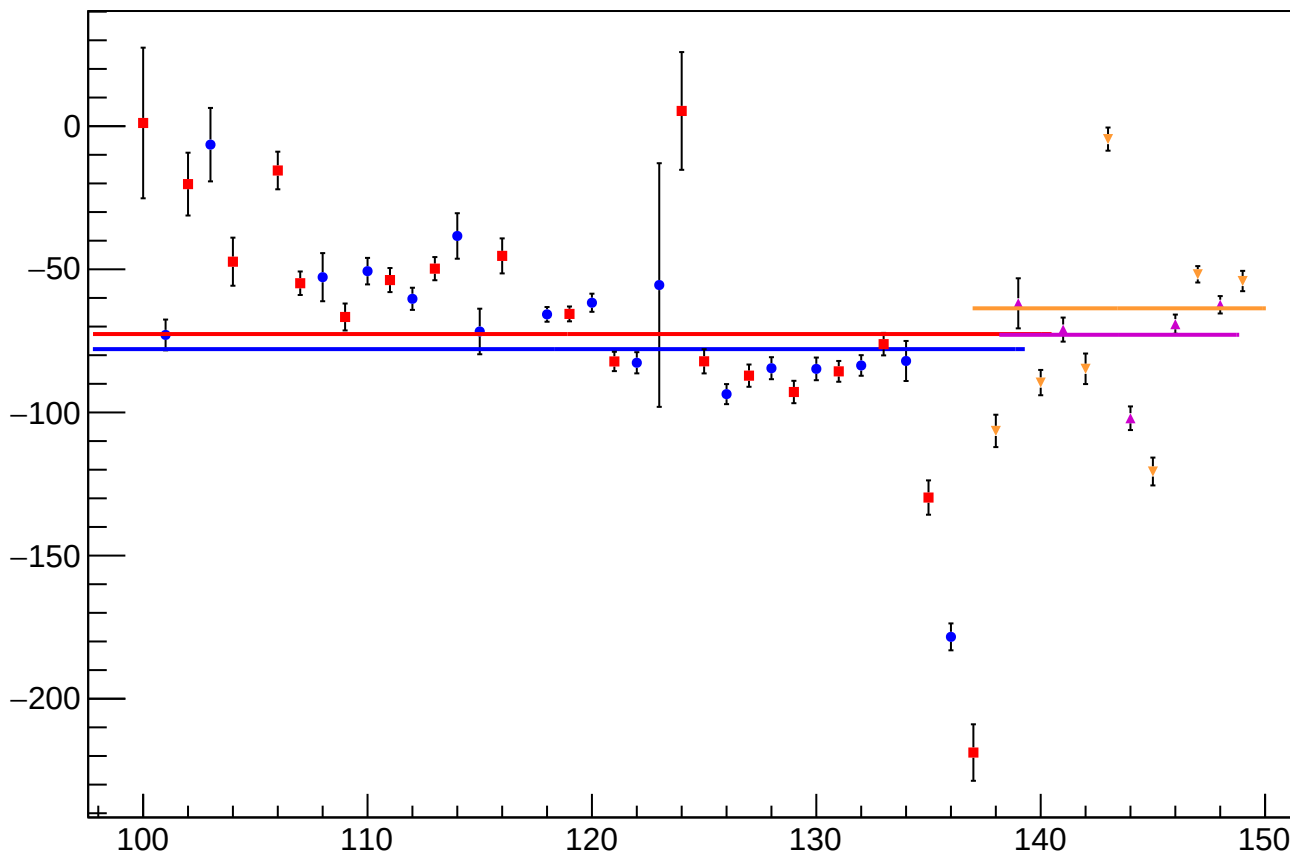
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -204.461 ± 1.368 χ^2/NDF : 718.5/21

Out: -184.405 ± 1.262 χ^2/NDF : 3083.8/25

All: -193.621 ± 0.928 χ^2/NDF : 3918.3/47

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: -63.626 ± 1.539 $\chi^2/\text{NDF}: 482.8/6$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

Left In: -72.870 ± 1.753 $\chi^2/\text{NDF}: 64.8/4$

Left: -67.649 ± 1.156 $\chi^2/\text{NDF}: 563.3/11$

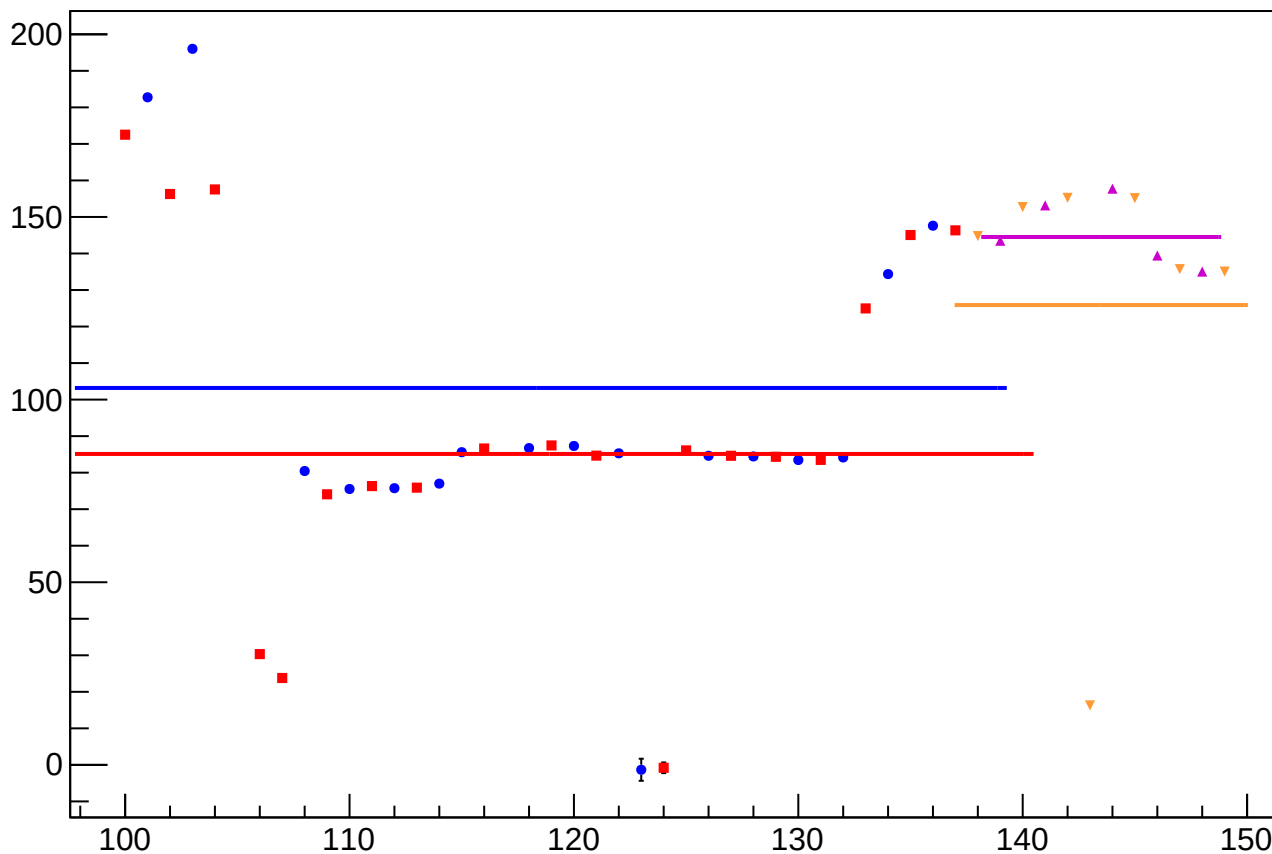
Right: -75.215 ± 0.749 $\chi^2/\text{NDF}: 1277.4/35$

In: -76.526 ± 0.911 $\chi^2/\text{NDF}: 728.9/21$

Out: -69.742 ± 0.869 $\chi^2/\text{NDF}: 1112.9/25$

All: -72.977 ± 0.629 $\chi^2/\text{NDF}: 1870.9/47$

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: 125.882 $\pm$ 0.080 χ^2 /NDF:335767.7/6

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 144.514 $\pm$ 0.089 χ^2 /NDF:8497.4/4

Left: 134.135 $\pm$ 0.060 χ^2 /NDF: 368445.0/11

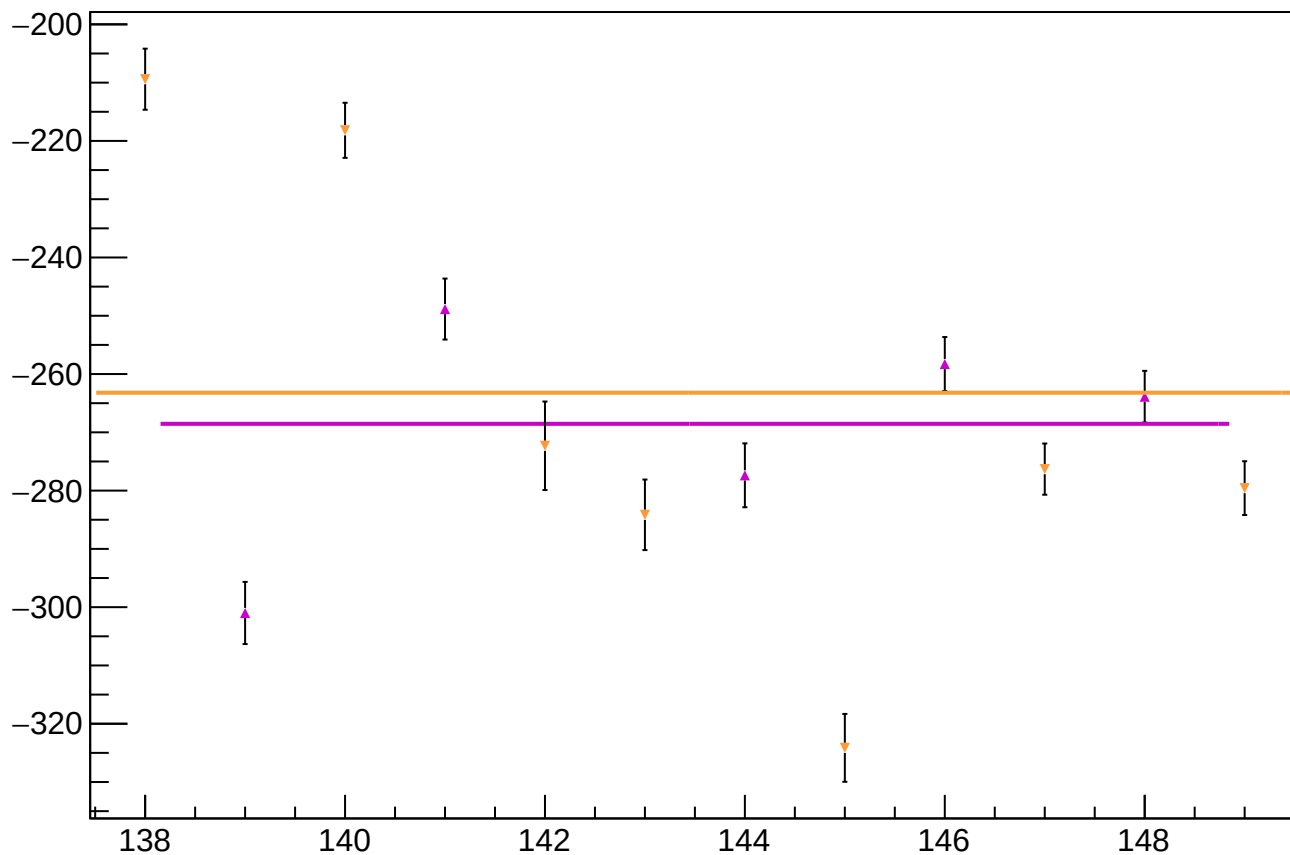
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 118.982 $\pm$ 0.055 χ^2 /NDF:414022.7/21

Out: 101.006 $\pm$ 0.050 χ^2 /NDF:918730.6/25

All: 109.055 $\pm$ 0.037 χ^2 /NDF: 1391134.8/47

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: -263.200+/-1.984 χ^2/NDF :340.6/6

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

Left In: -268.542+/-2.222 χ^2/NDF :59.8/4

Left: -265.570+/-1.480 χ^2/NDF : 403.6/11

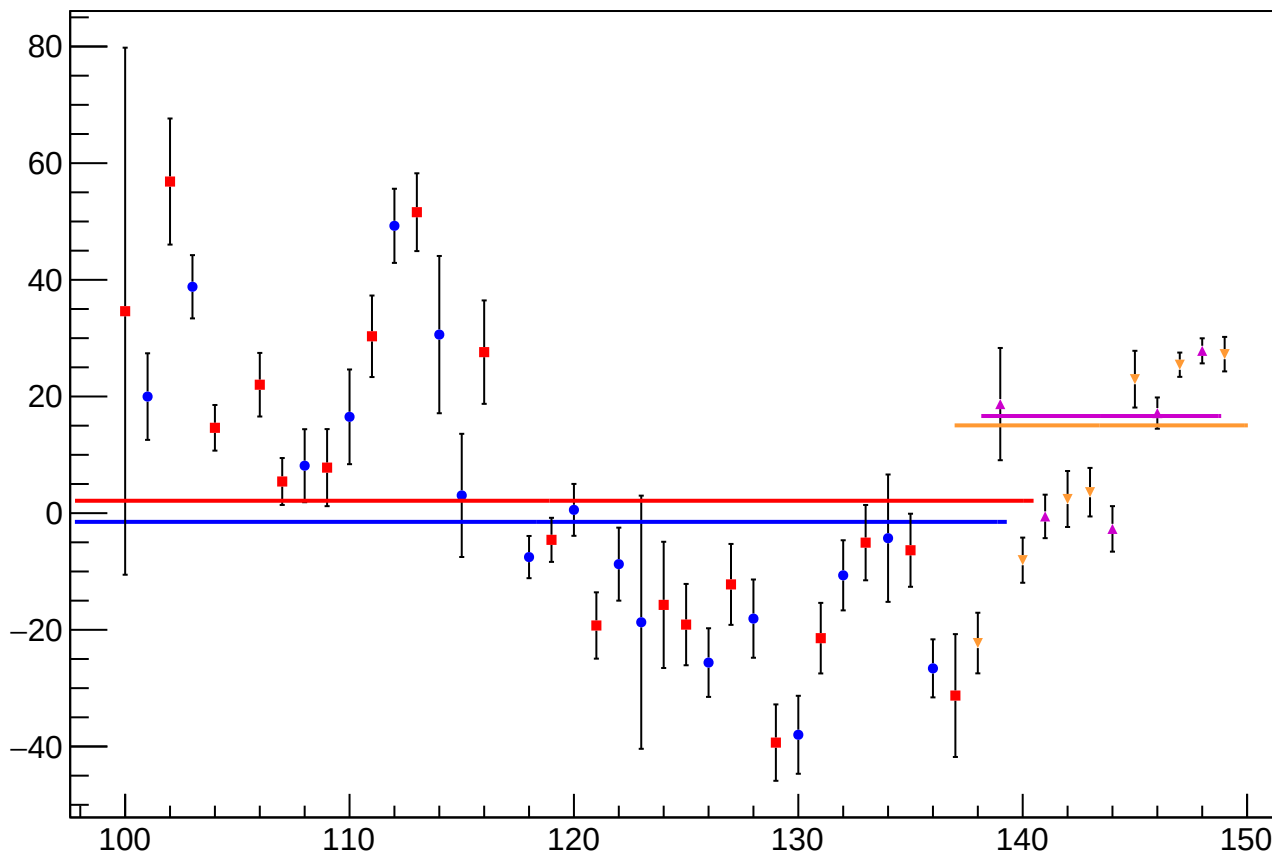
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.542+/-2.222 χ^2/NDF :59.8/4

Out: -263.200+/-1.984 χ^2/NDF :340.6/6

All: -265.570+/-1.480 χ^2/NDF : 403.6/11

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: 15.048 ± 1.299 χ^2/NDF : 146.4/6

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

Left In: 16.655 ± 1.408 χ^2/NDF : 73.0/4

Left: 15.787 ± 0.955 χ^2/NDF : 220.1/11

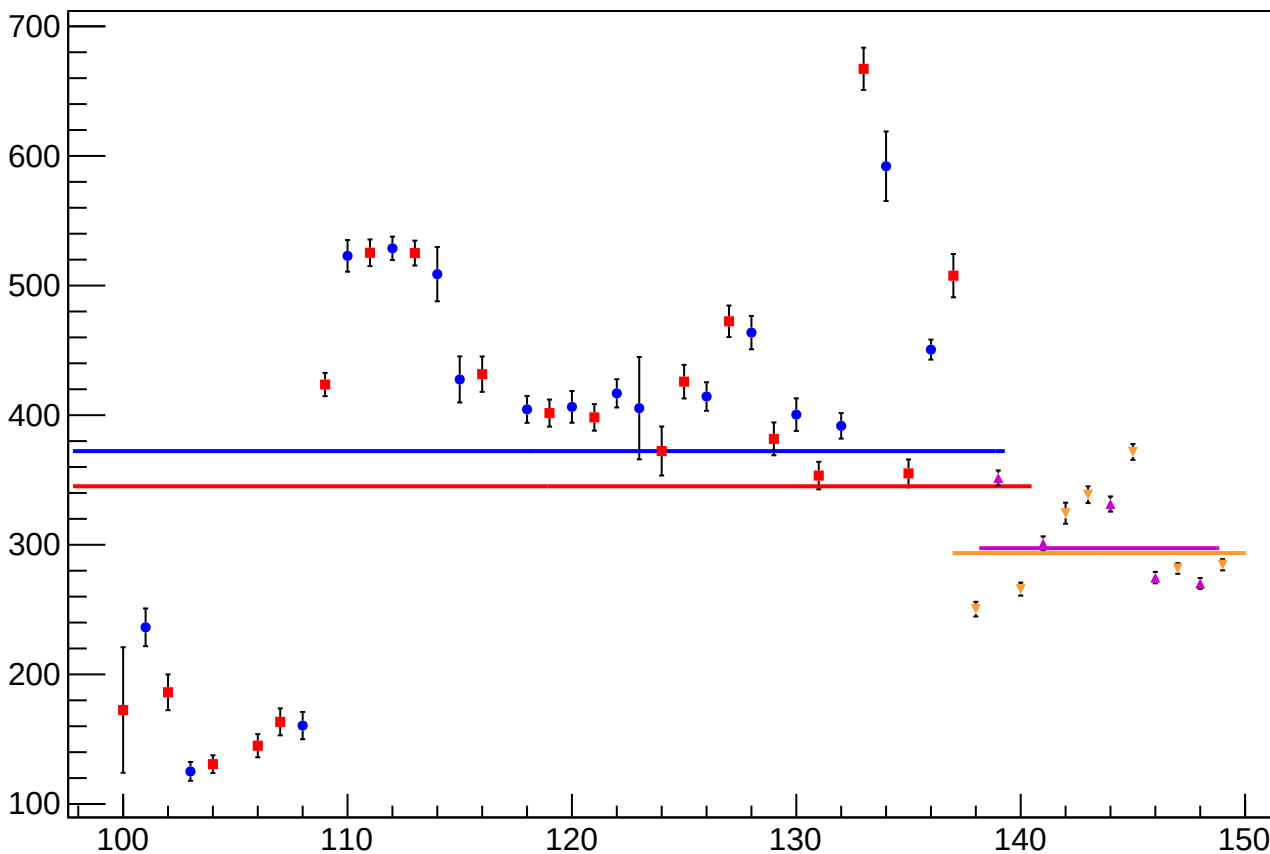
Right: 0.455 ± 1.029 χ^2/NDF : 461.8/35

In: 8.233 ± 1.031 χ^2/NDF : 376.2/21

Out: 9.080 ± 0.953 χ^2/NDF : 424.7/25

All: 8.690 ± 0.700 χ^2/NDF : 801.3/47

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 293.632+/-2.002 χ^2/NDF : 327.4/6

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

Left In: 297.355+/-2.233 χ^2/NDF : 191.6/4

Left: 295.291+/-1.491 χ^2/NDF : 520.6/11

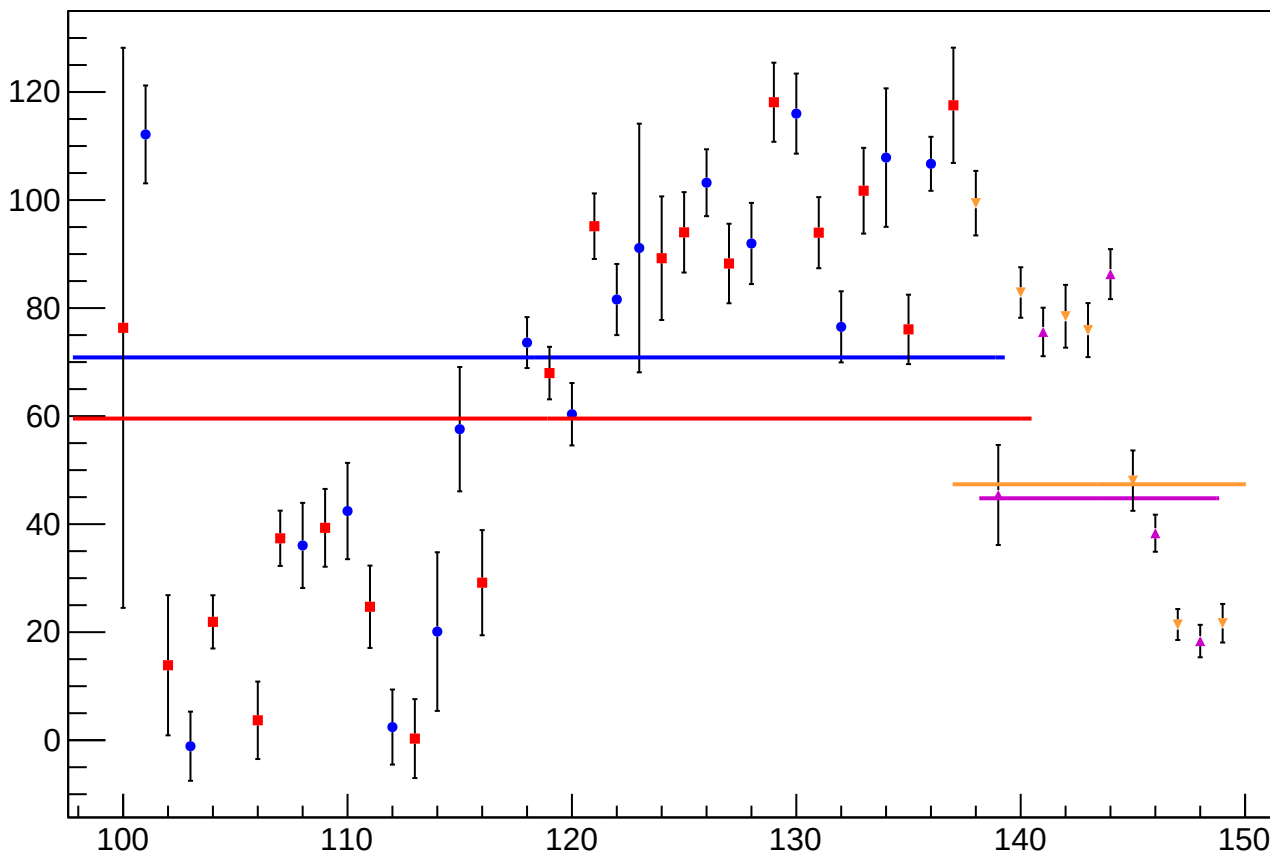
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 326.999+/-1.736 χ^2/NDF : 3070.0/21

Out: 313.156+/-1.578 χ^2/NDF : 3994.8/25

All: 319.417+/-1.167 χ^2/NDF : 7099.7/47

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: 47.380 $\pm$ 1.633 χ^2 /NDF:328.5/6

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 44.787 $\pm$ 1.815 χ^2 /NDF:208.3/4

Left: 46.221 $\pm$ 1.214 χ^2 /NDF: 537.9/11

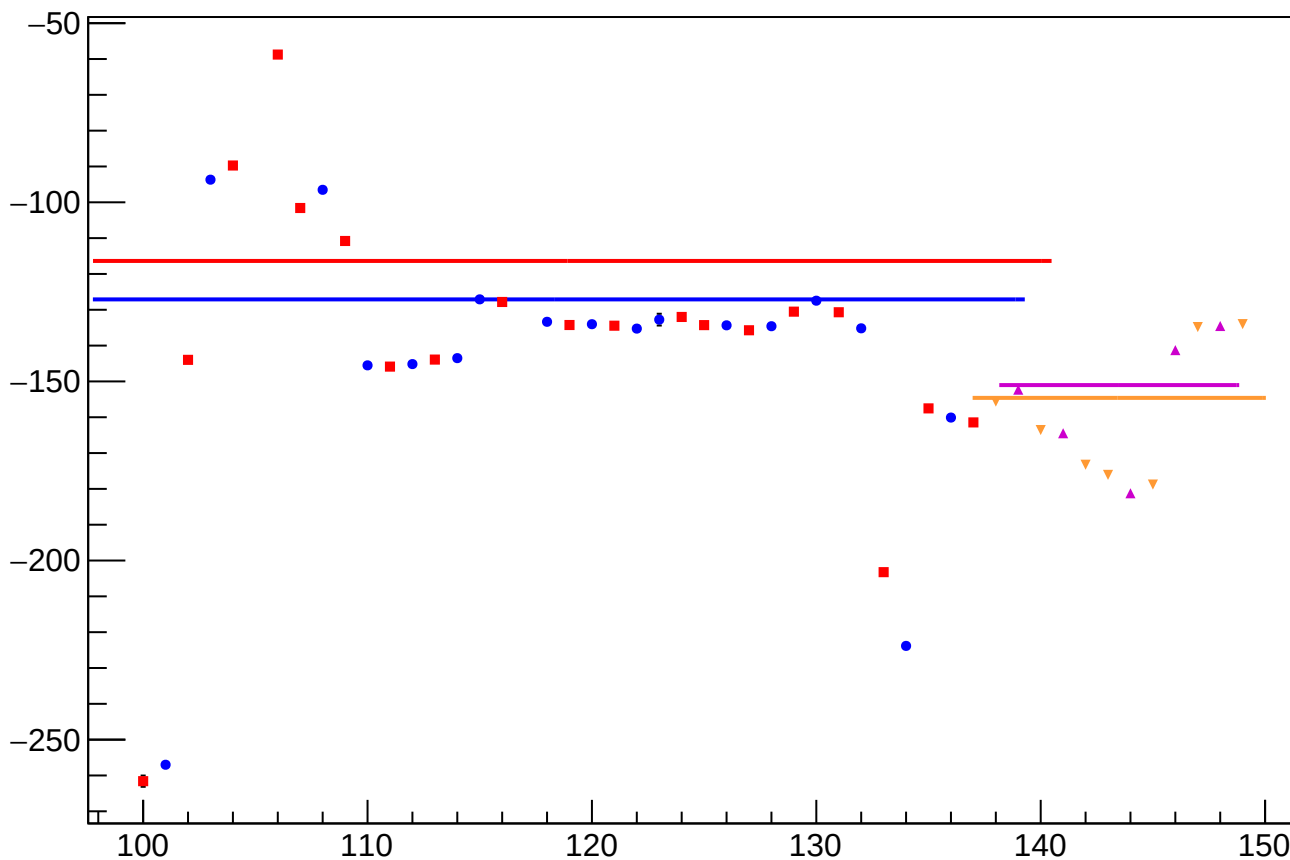
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 58.358 $\pm$ 1.257 χ^2 /NDF:742.6/21

Out: 53.462 $\pm$ 1.155 χ^2 /NDF:847.1/25

All: 55.702 $\pm$ 0.850 χ^2 /NDF: 1598.0/47

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -154.595 ± 0.085 $\chi^2/\text{NDF}: 44371.5/6$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

Left In: -151.023 ± 0.093 $\chi^2/\text{NDF}: 28341.7/4$

Left: -152.967 ± 0.063 $\chi^2/\text{NDF}: 73509.4/11$

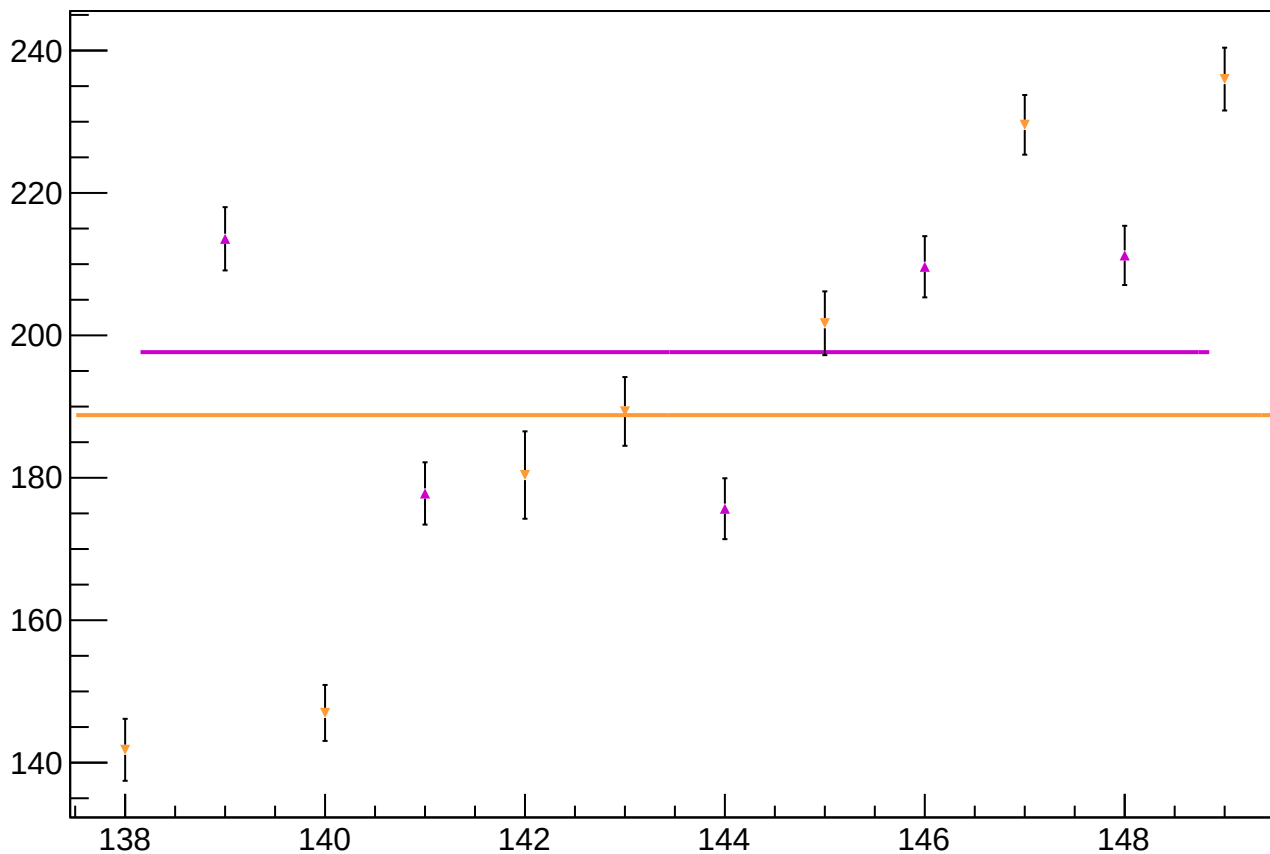
Right: -121.332 ± 0.061 $\chi^2/\text{NDF}: 342408.2/35$

In: -138.545 ± 0.065 $\chi^2/\text{NDF}: 229617.7/21$

Out: -134.902 ± 0.060 $\chi^2/\text{NDF}: 314995.6/25$

All: -136.575 ± 0.044 $\chi^2/\text{NDF}: 546333.6/47$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 188.801+/-1.702 χ^2/NDF : 449.1/6

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

Left In: 197.646+/-1.926 χ^2/NDF : 78.3/4

Left: 192.680+/-1.275 χ^2/NDF : 539.3/11

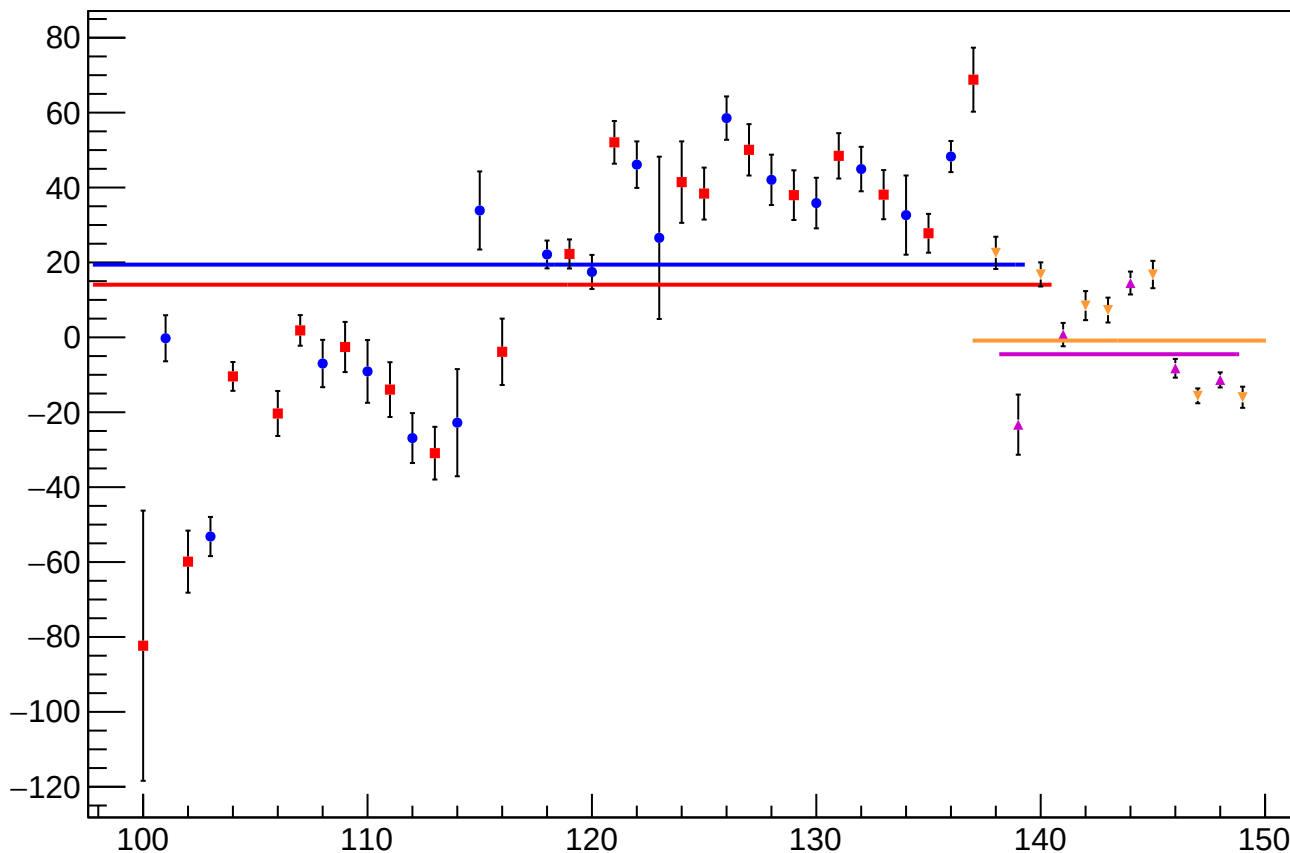
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.646+/-1.926 χ^2/NDF : 78.3/4

Out: 188.801+/-1.702 χ^2/NDF : 449.1/6

All: 192.680+/-1.275 χ^2/NDF : 539.3/11

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: -0.858 ± 1.146 χ^2/NDF : 178.7/6

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

Left In: -4.507 ± 1.259 χ^2/NDF : 60.8/4

Left: -2.511 ± 0.847 χ^2/NDF : 244.1/11

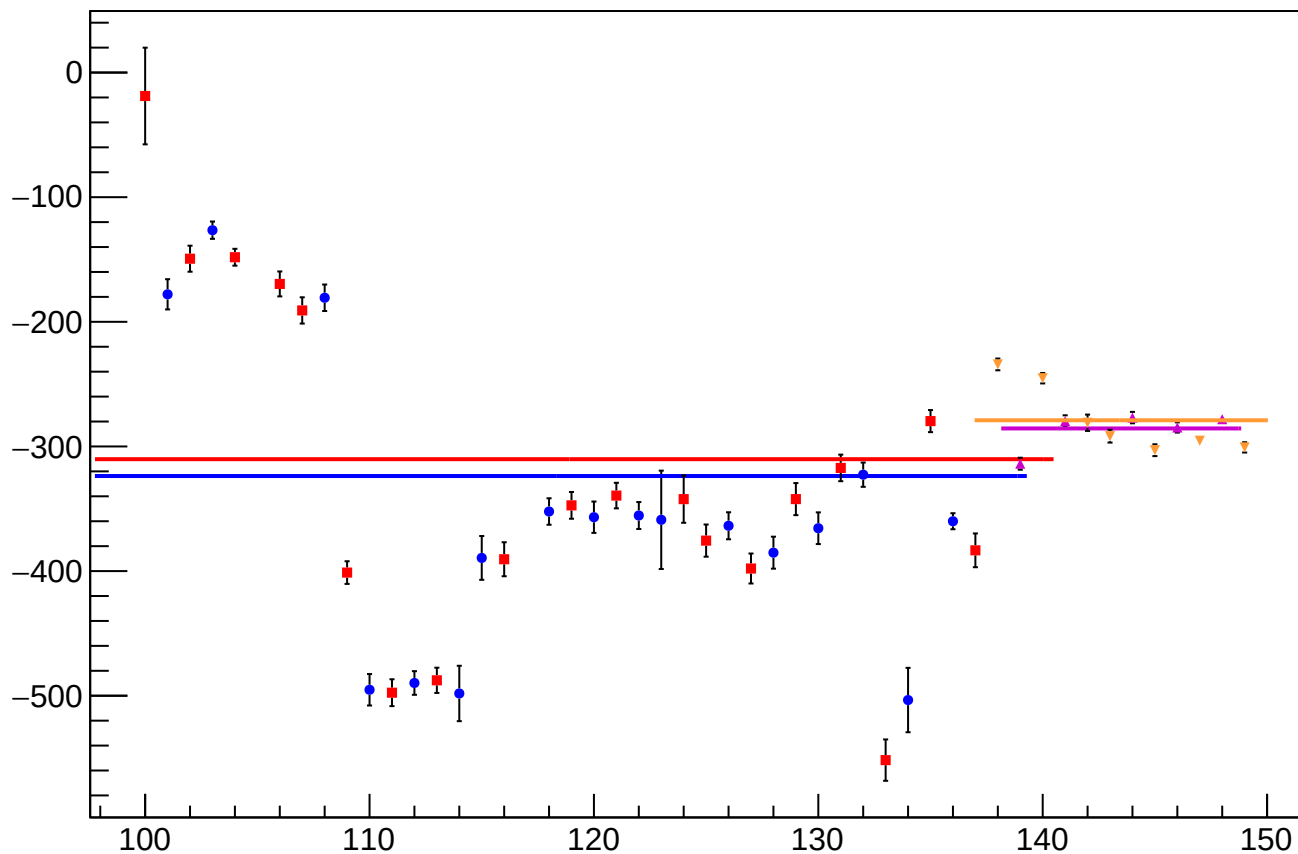
Right: 16.572 ± 1.014 χ^2/NDF : 884.6/35

In: 5.538 ± 0.959 χ^2/NDF : 653.5/21

Out: 5.166 ± 0.885 χ^2/NDF : 683.7/25

All: 5.337 ± 0.650 χ^2/NDF : 1337.3/47

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: -278.998 ± 1.737 χ^2/NDF : 232.5/6

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

Left In: -285.553 ± 1.952 χ^2/NDF : 43.5/4

Left: -281.895 ± 1.298 χ^2/NDF : 282.3/11

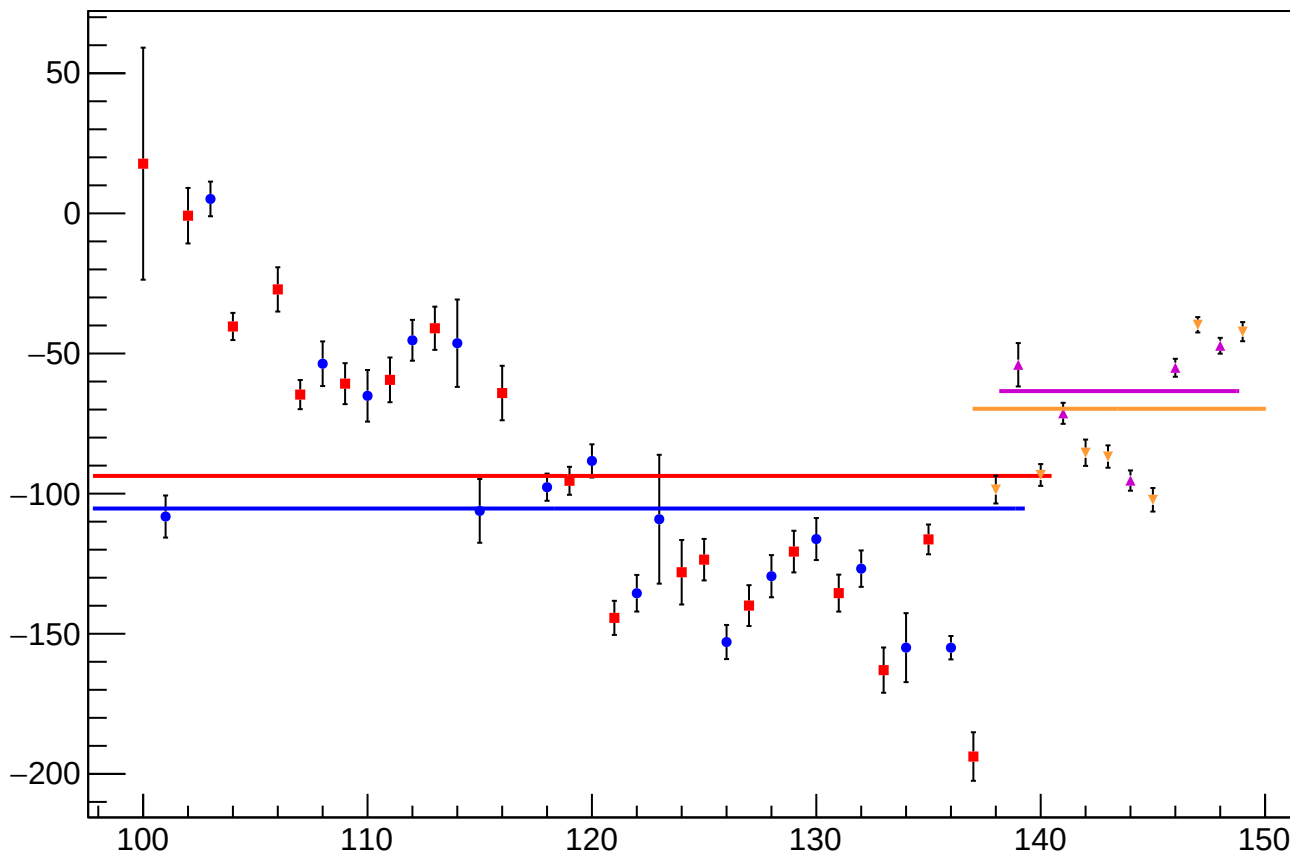
Right: -316.595 ± 1.833 χ^2/NDF : 4164.2/35

In: -298.862 ± 1.575 χ^2/NDF : 2027.5/21

Out: -289.041 ± 1.431 χ^2/NDF : 2636.4/25

All: -293.480 ± 1.059 χ^2/NDF : 4685.3/47

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: -69.716 ± 1.427 χ^2/NDF : 344.7/6

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -63.413 ± 1.607 χ^2/NDF : 123.3/4

Left: -66.937 ± 1.067 χ^2/NDF : 476.7/11

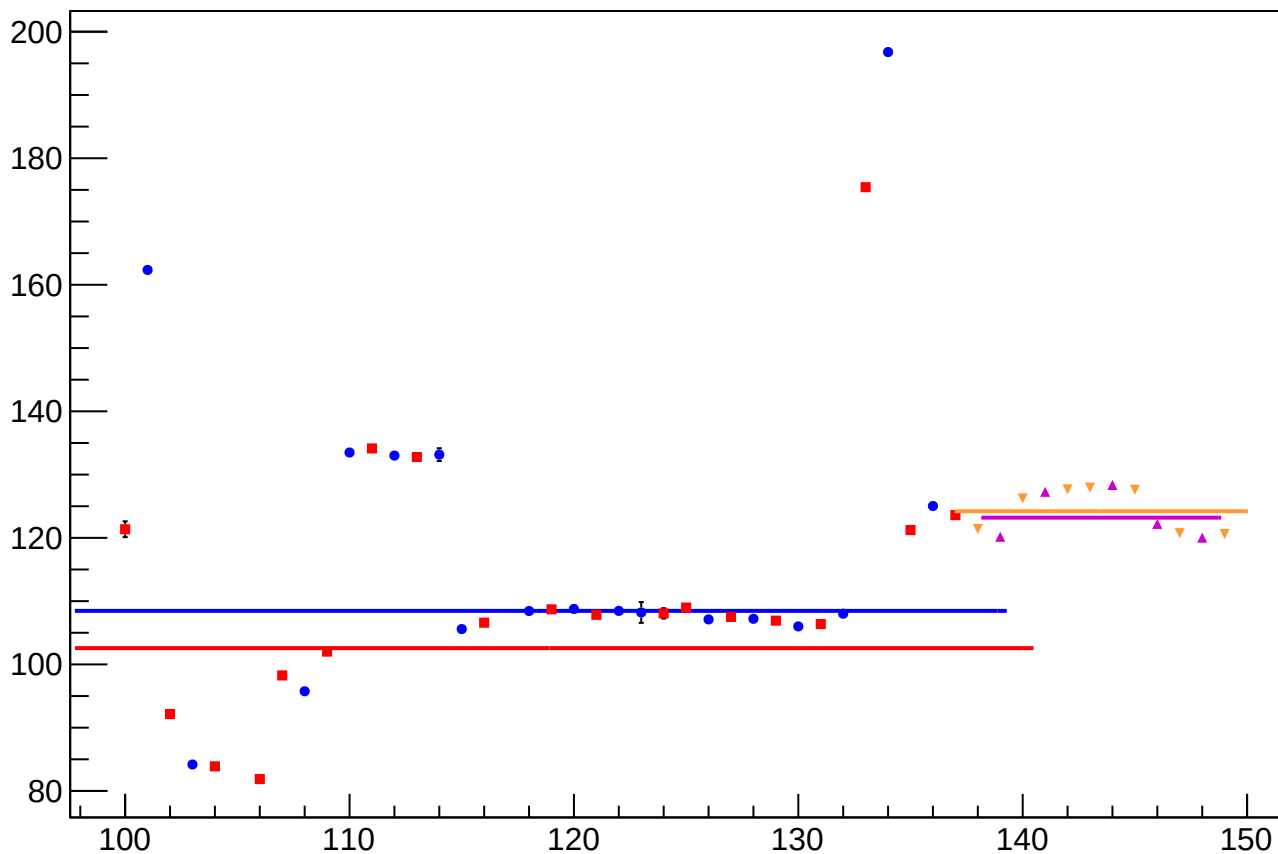
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -83.268 ± 1.166 χ^2/NDF : 1182.9/21

Out: -80.250 ± 1.068 χ^2/NDF : 1295.2/25

All: -81.628 ± 0.788 χ^2/NDF : 2481.7/47

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 124.208+/-0.073 χ^2/NDF : 1932.4/6

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

Left In: 123.195+/-0.081 χ^2/NDF : 1842.0/4

Left: 123.752+/-0.054 χ^2/NDF : 3859.9/11

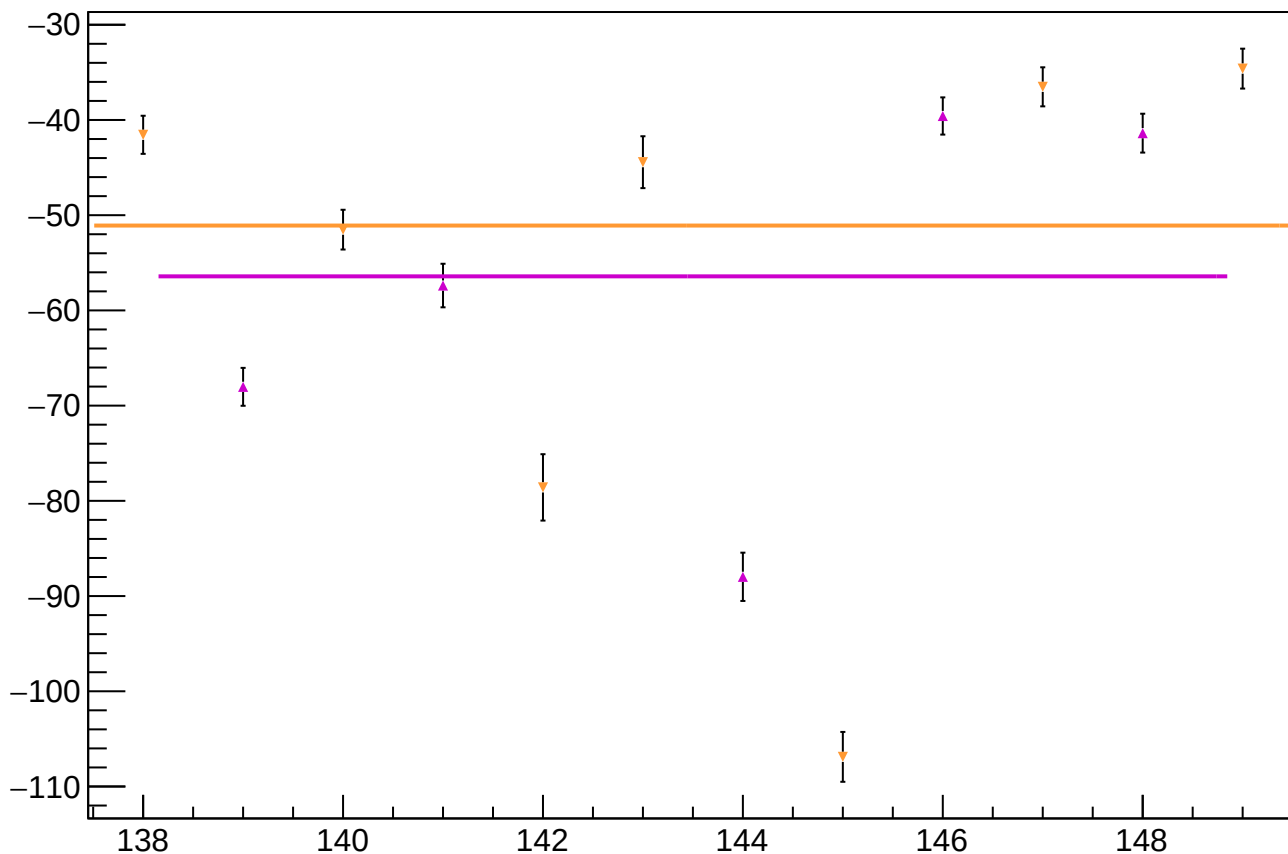
Right: 105.327+/-0.058 χ^2/NDF : 129018.0/35

In: 116.140+/-0.059 χ^2/NDF : 90909.4/21

Out: 114.237+/-0.054 χ^2/NDF : 95058.5/25

All: 115.109+/-0.040 χ^2/NDF : 186538.8/47

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: -51.088+/-0.874 χ^2 /NDF:657.2/6

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

Left In: -56.423+/-0.953 χ^2 /NDF:317.7/4

Left: -53.527+/-0.644 χ^2 /NDF: 991.9/11

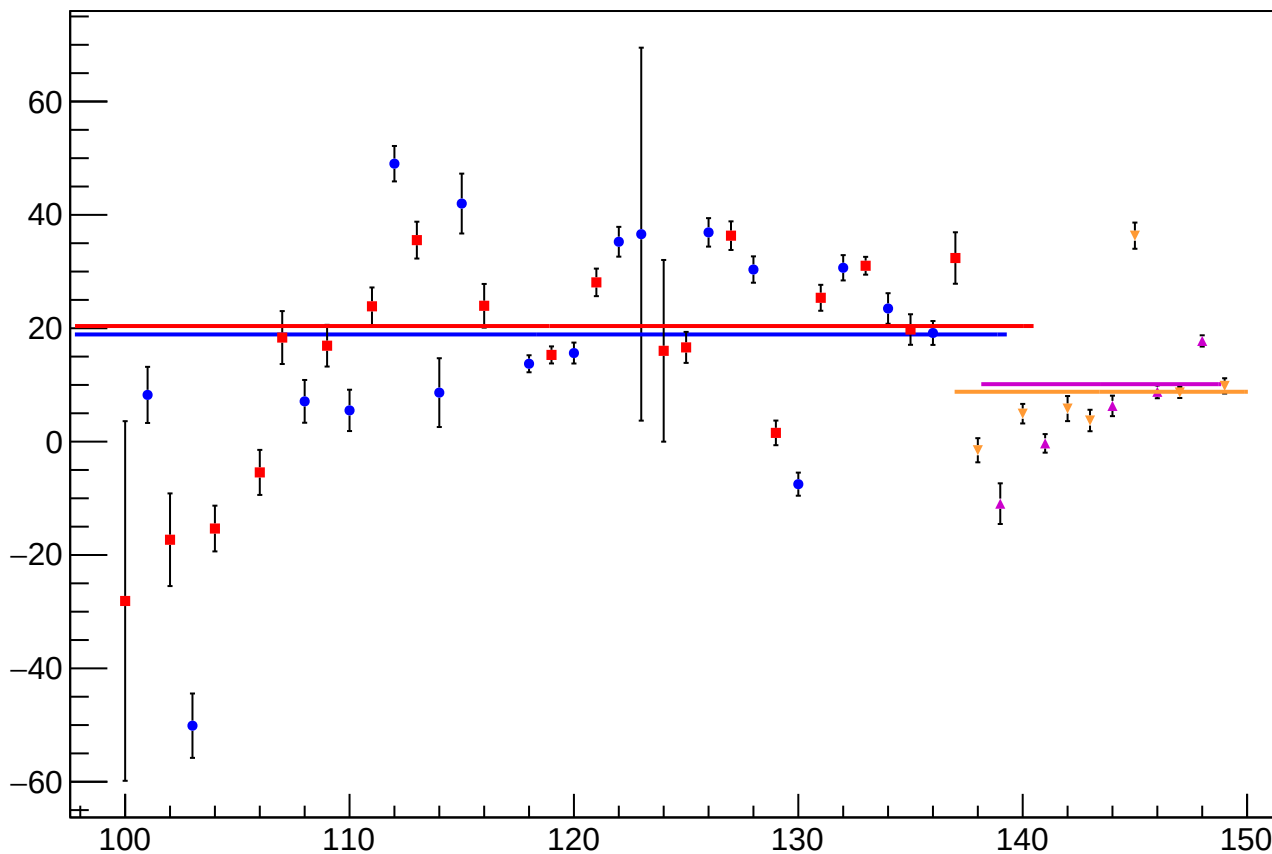
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -56.423+/-0.953 χ^2 /NDF:317.7/4

Out: -51.088+/-0.874 χ^2 /NDF:657.2/6

All: -53.527+/-0.644 χ^2 /NDF: 991.9/11

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: 8.795 $\pm$ 0.594 χ^2 /NDF:180.1/6

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: 10.134 $\pm$ 0.627 χ^2 /NDF:140.1/4

Left: 9.429 $\pm$ 0.431 χ^2 /NDF: 322.6/11

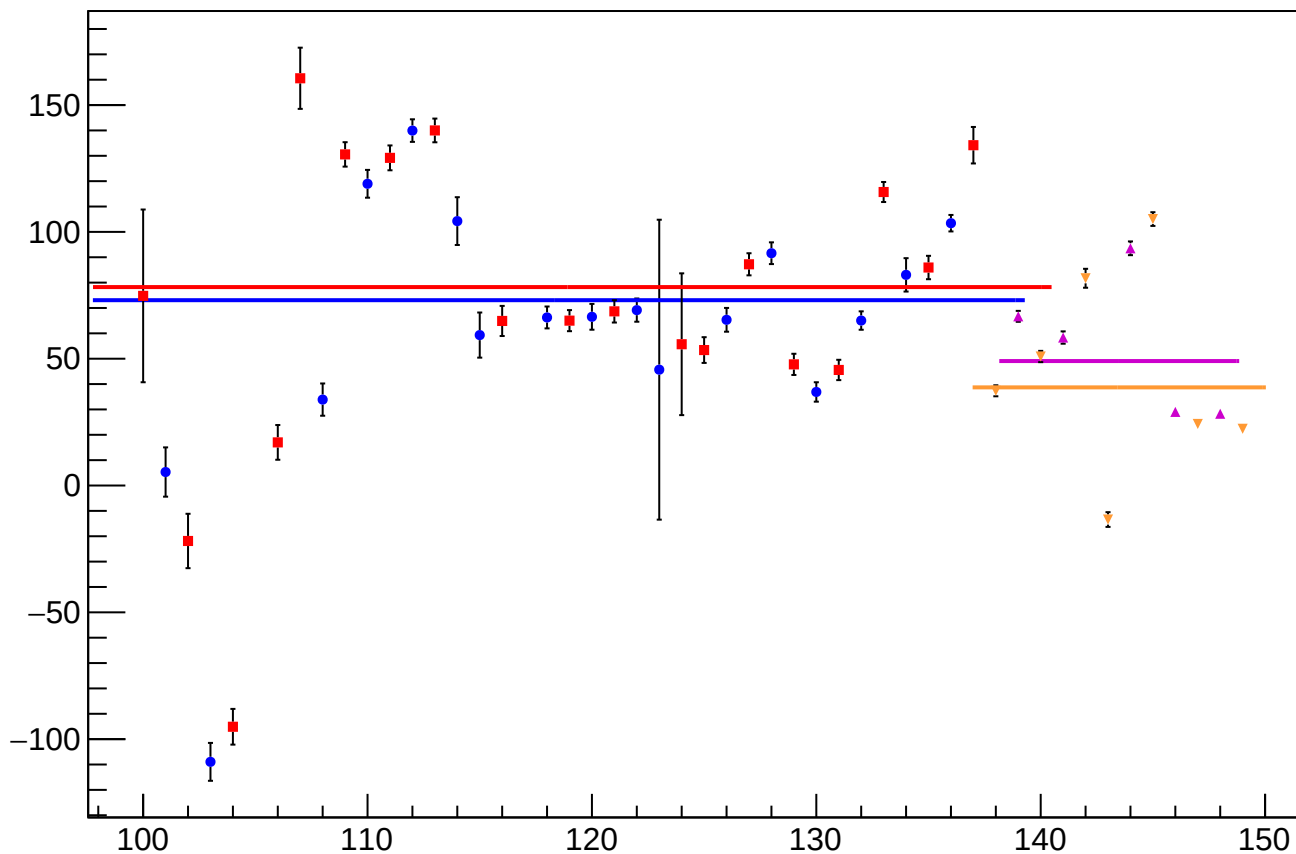
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 14.407 $\pm$ 0.449 χ^2 /NDF:854.4/21

Out: 14.130 $\pm$ 0.437 χ^2 /NDF:720.5/25

All: 14.264 $\pm$ 0.313 χ^2 /NDF: 1575.1/47

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: 38.695 $\pm$ 0.886 χ^2 /NDF:1213.1/6

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

Left In: 49.073 $\pm$ 0.962 χ^2 /NDF:583.4/4

Left: 43.456 $\pm$ 0.652 χ^2 /NDF: 1859.4/11

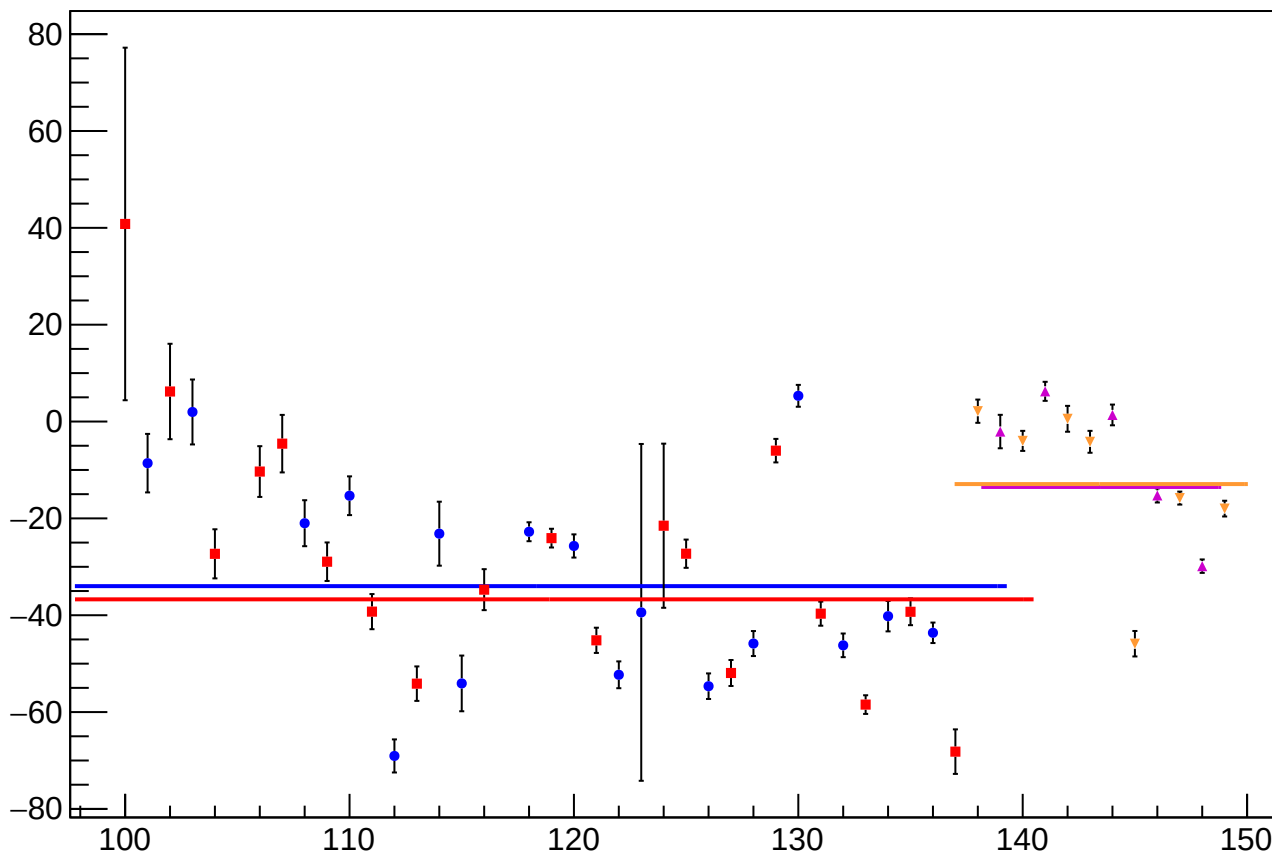
Right: 75.667 $\pm$ 0.866 χ^2 /NDF: 2751.5/35

In: 58.204 $\pm$ 0.757 χ^2 /NDF:2020.0/21

Out: 52.307 $\pm$ 0.717 χ^2 /NDF:3441.9/25

All: 55.095 $\pm$ 0.521 χ^2 /NDF: 5493.8/47

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 $\pm$ 0.736 χ^2 /NDF: 719.8/16

Left Out: -12.915 $\pm$ 0.741 χ^2 /NDF: 269.6/6

Right Out: -36.719 $\pm$ 0.737 χ^2 /NDF: 542.9/18

Left In: -13.508 $\pm$ 0.803 χ^2 /NDF: 300.4/4

Left: -13.188 $\pm$ 0.545 χ^2 /NDF: 570.3/11

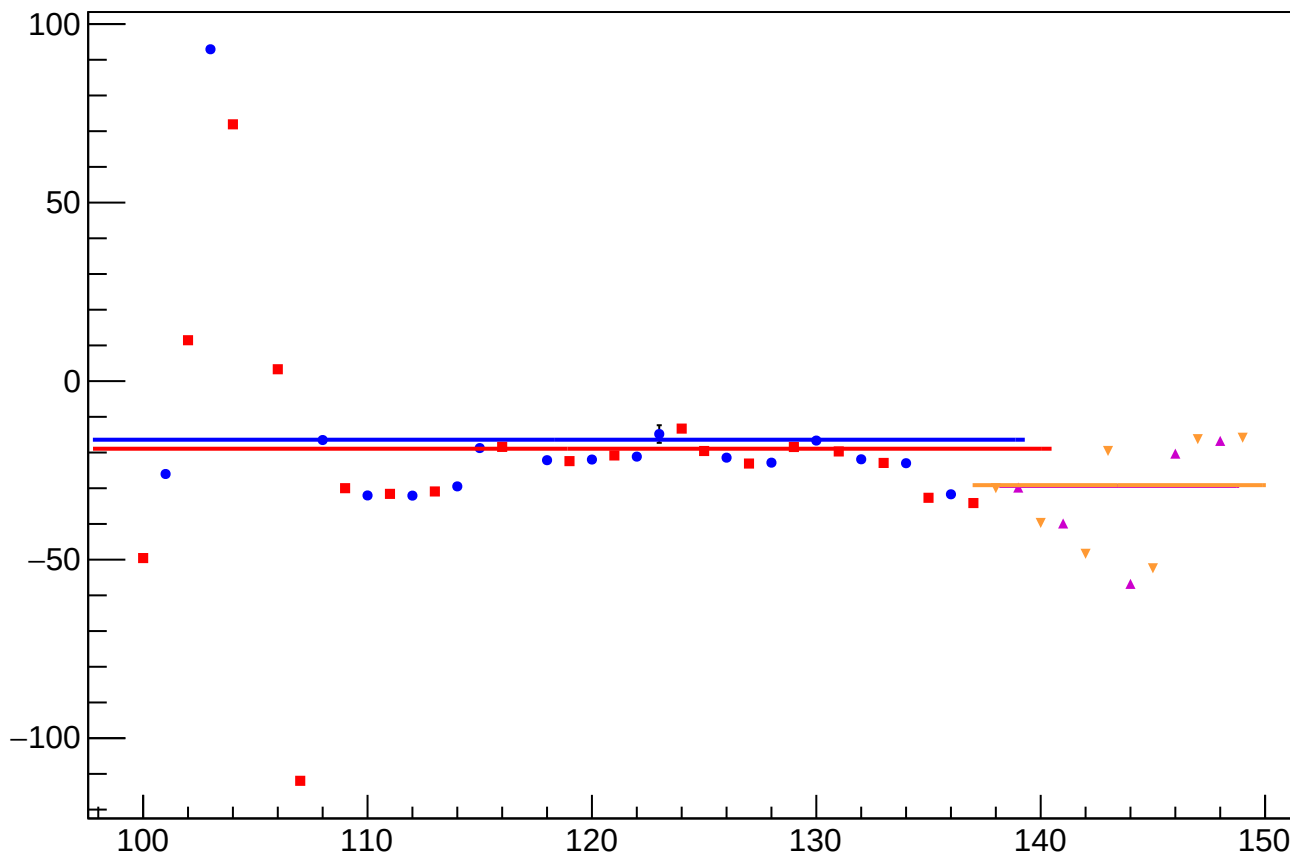
Right: -35.354 $\pm$ 0.521 χ^2 /NDF: 1269.6/35

In: -24.640 $\pm$ 0.543 χ^2 /NDF: 1373.5/21

Out: -24.885 $\pm$ 0.522 χ^2 /NDF: 1331.4/25

All: -24.767 $\pm$ 0.376 χ^2 /NDF: 2705.1/47

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: -29.136 ± 0.037 $\chi^2/\text{NDF}: 127475.6/6$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -29.361 ± 0.040 $\chi^2/\text{NDF}: 99546.1/4$

Left: -29.242 ± 0.027 $\chi^2/\text{NDF}: 227038.7/11$

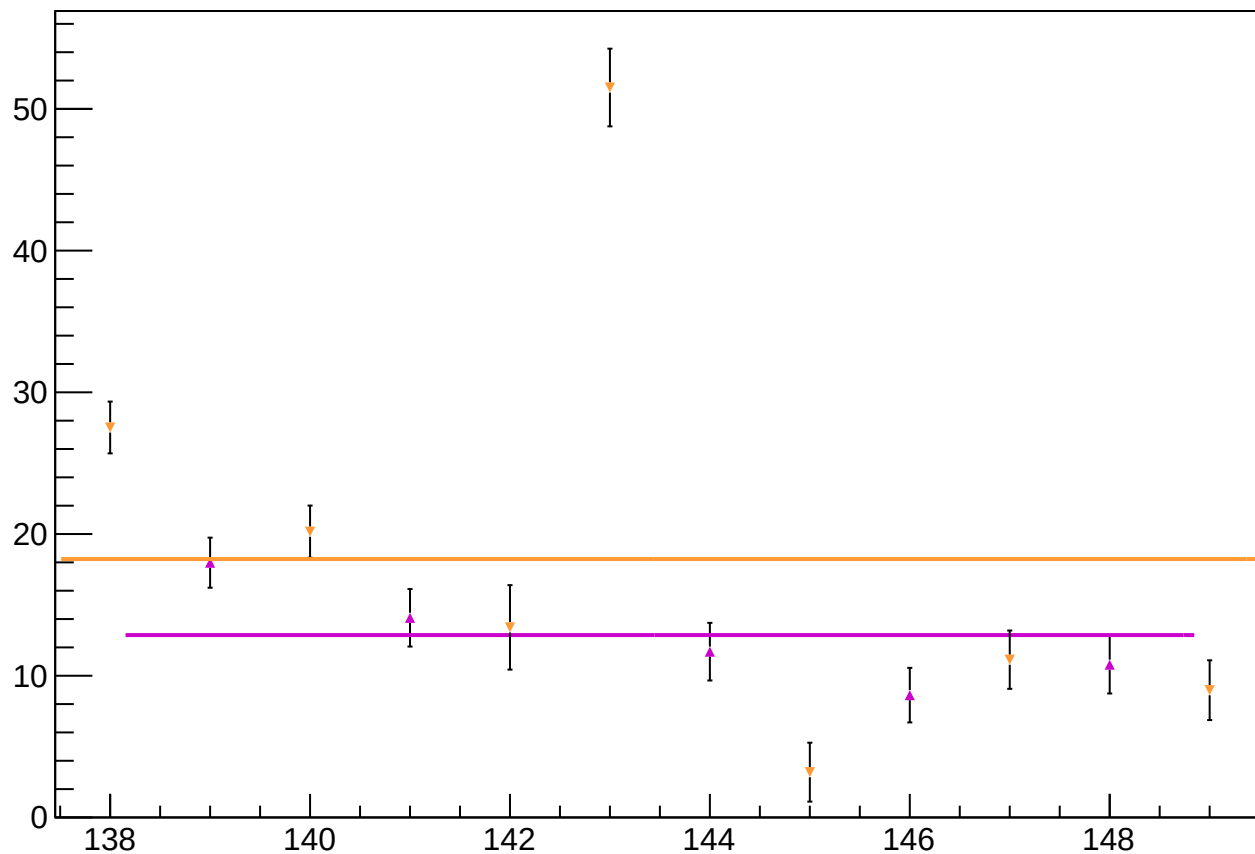
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -23.601 ± 0.030 $\chi^2/\text{NDF}: 621137.0/21$

Out: -24.992 ± 0.029 $\chi^2/\text{NDF}: 591826.9/25$

All: -24.315 ± 0.021 $\chi^2/\text{NDF}: 1214095.6/47$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 18.233+/-0.808 χ^2/NDF :260.4/6

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

Left In: 12.870+/-0.871 χ^2/NDF :15.0/4

Left: 15.755+/-0.592 χ^2/NDF : 295.7/11

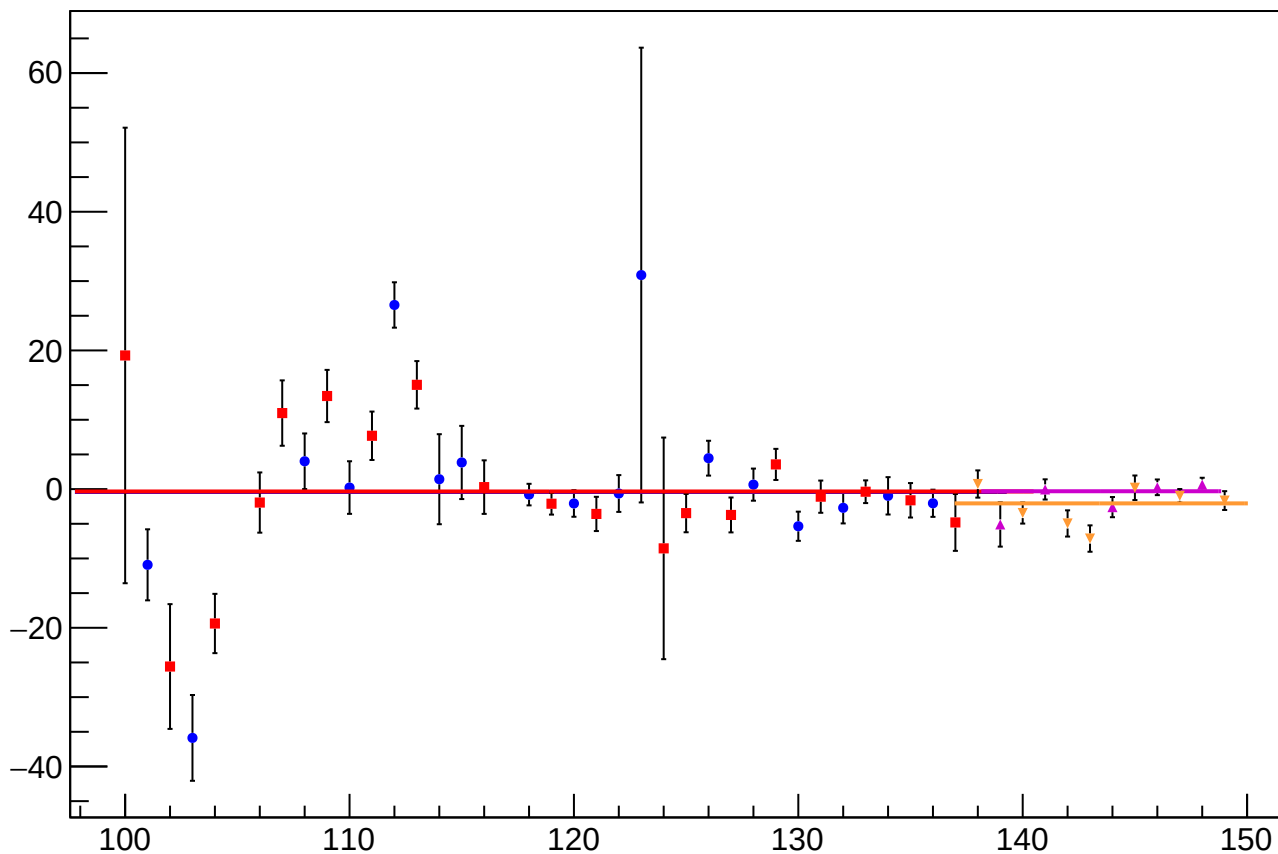
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.870+/-0.871 χ^2/NDF :15.0/4

Out: 18.233+/-0.808 χ^2/NDF :260.4/6

All: 15.755+/-0.592 χ^2/NDF : 295.7/11

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: -2.058 ± 0.563 χ^2/NDF : 15.3/6

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: -0.308 ± 0.593 χ^2/NDF : 5.9/4

Left: -1.228 ± 0.408 χ^2/NDF : 25.8/11

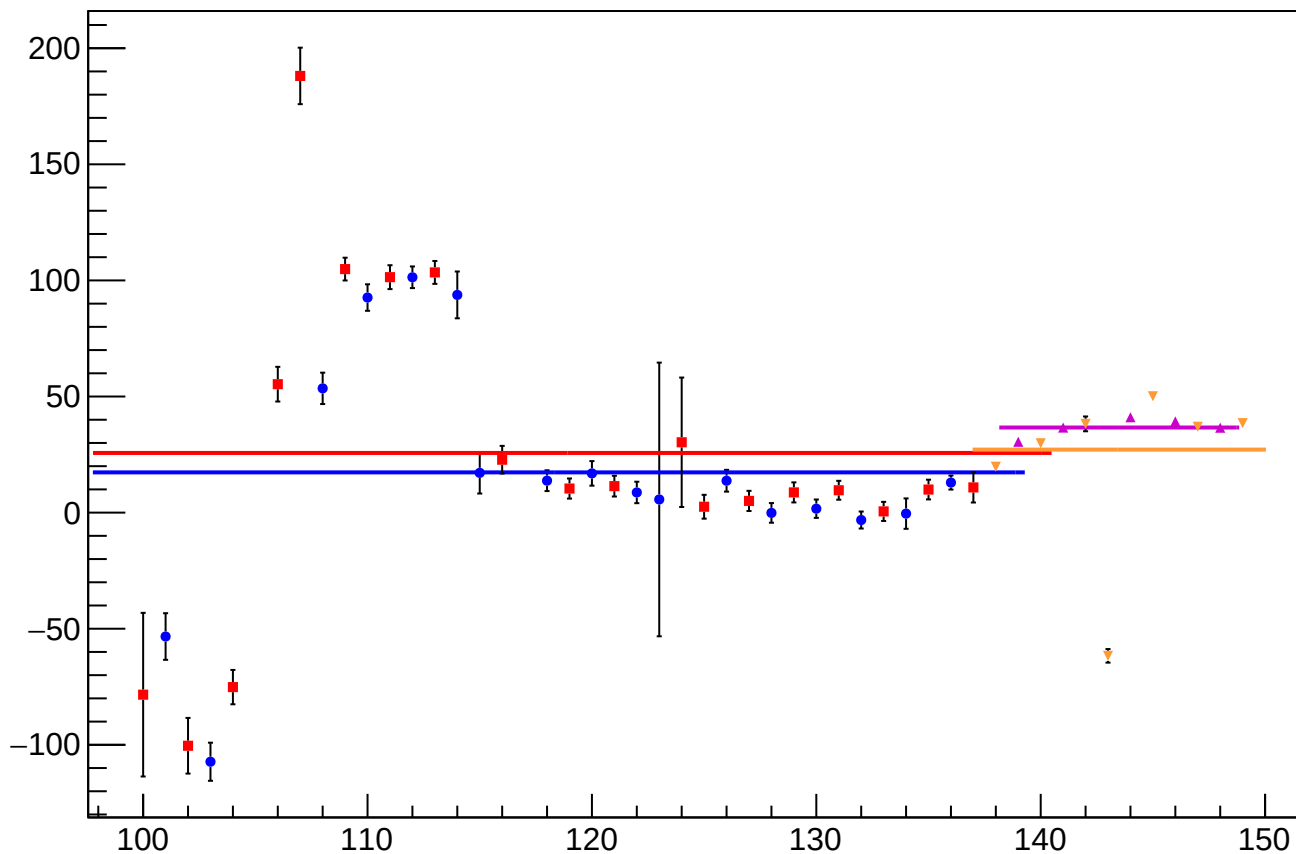
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.356 ± 0.439 χ^2/NDF : 125.9/21

Out: -1.332 ± 0.428 χ^2/NDF : 102.9/25

All: -0.857 ± 0.306 χ^2/NDF : 231.3/47

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328 ± 1.239 $\chi^2/\text{NDF}: 943.2/16$

Left Out: 27.130 ± 0.825 $\chi^2/\text{NDF}: 1119.8/6$

Right Out: 25.701 ± 1.243 $\chi^2/\text{NDF}: 1379.1/18$

Left In: 36.651 ± 0.887 $\chi^2/\text{NDF}: 16.5/4$

Left: 31.545 ± 0.604 $\chi^2/\text{NDF}: 1198.0/11$

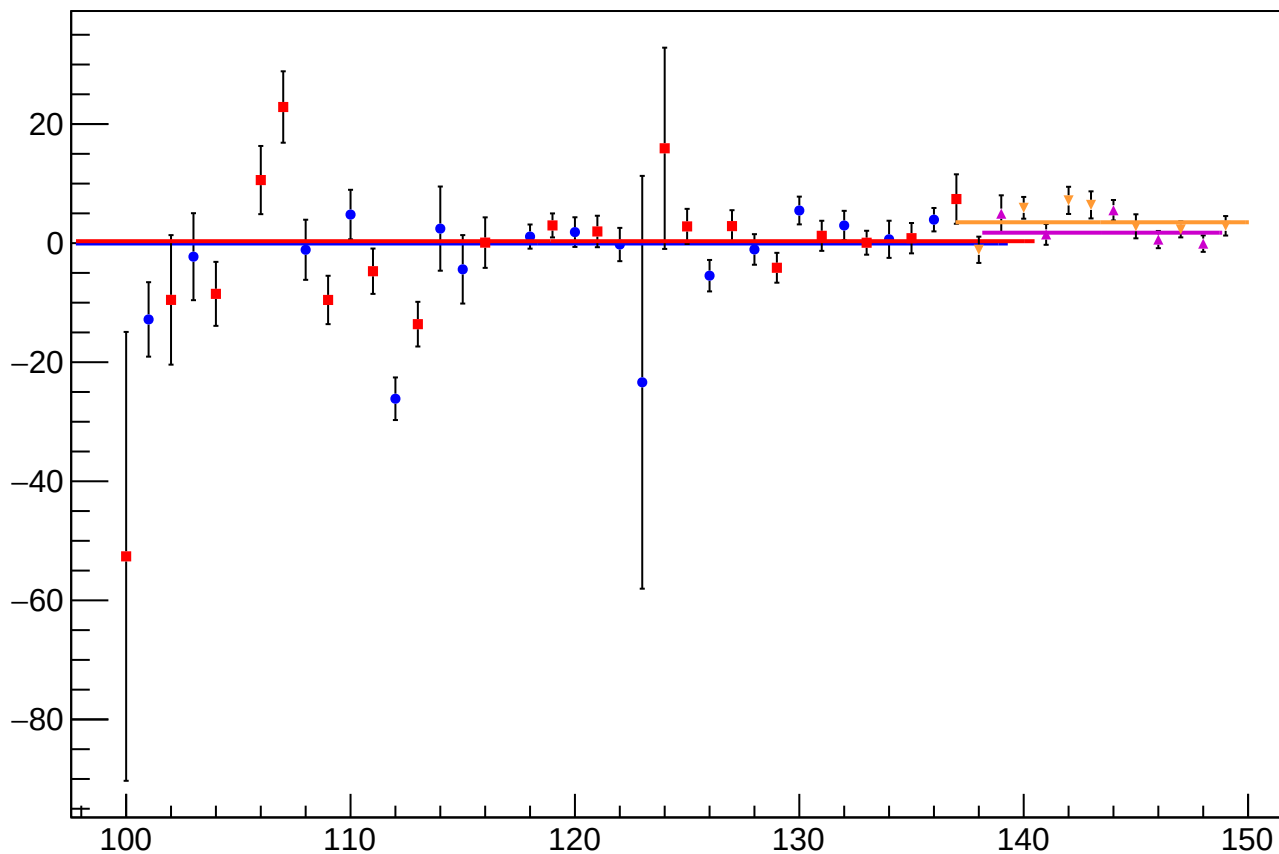
Right: 21.501 ± 0.877 $\chi^2/\text{NDF}: 2345.0/35$

In: 30.098 ± 0.721 $\chi^2/\text{NDF}: 1120.5/21$

Out: 26.693 ± 0.687 $\chi^2/\text{NDF}: 2499.8/25$

All: 28.313 ± 0.498 $\chi^2/\text{NDF}: 3631.9/47$

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: 3.505 ± 0.697 $\chi^2/\text{NDF}: 11.4/6$

Right Out: 0.326 ± 0.749 $\chi^2/\text{NDF}: 55.1/18$

Left In: 1.754 ± 0.751 $\chi^2/\text{NDF}: 8.3/4$

Left: 2.696 ± 0.511 $\chi^2/\text{NDF}: 22.6/11$

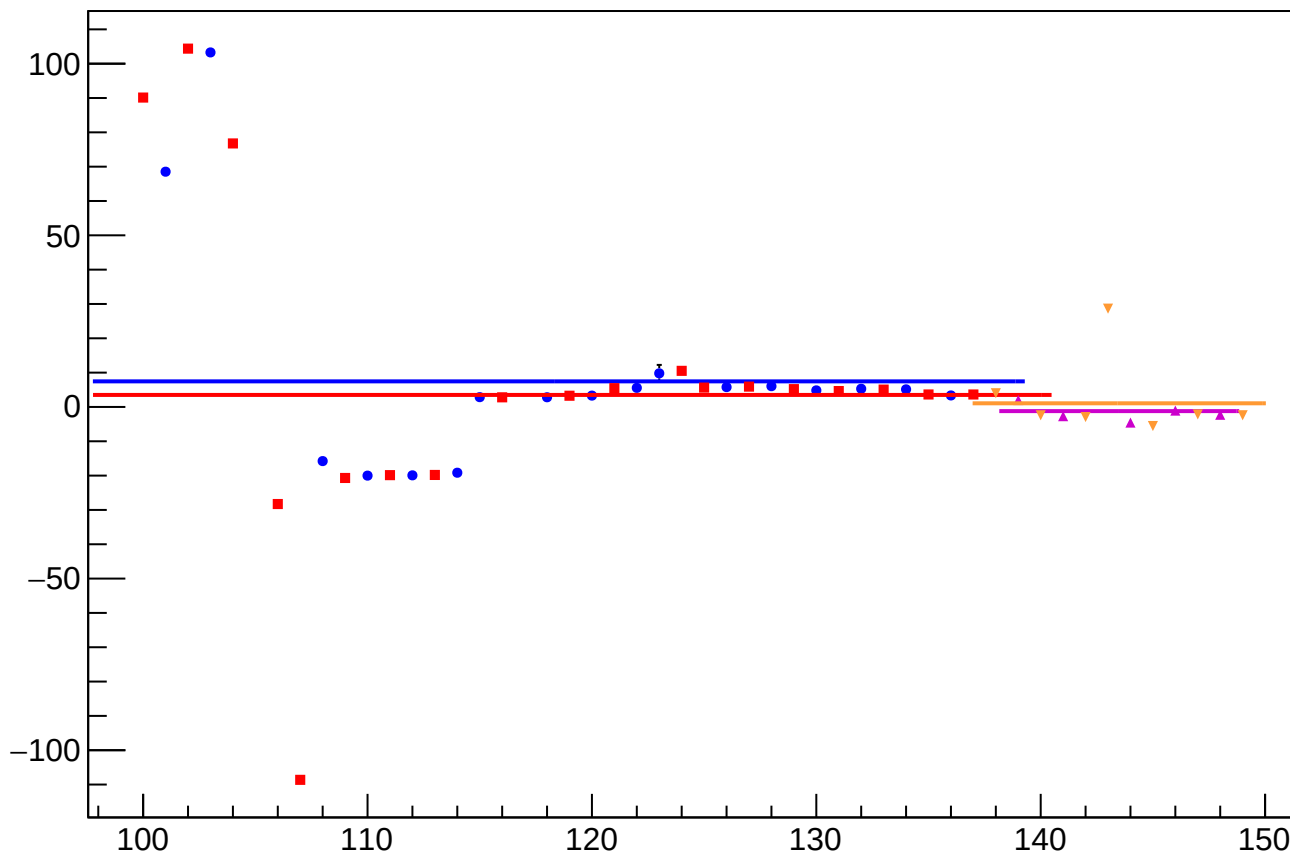
Right: 0.132 ± 0.528 $\chi^2/\text{NDF}: 131.8/35$

In: 0.838 ± 0.528 $\chi^2/\text{NDF}: 87.8/21$

Out: 2.031 ± 0.510 $\chi^2/\text{NDF}: 76.2/25$

All: 1.456 ± 0.367 $\chi^2/\text{NDF}: 166.6/47$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: 1.062+/-0.035 χ^2/NDF : 68492.5/6

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: -1.212+/-0.036 χ^2/NDF : 3970.7/4

Left: -0.013+/-0.025 χ^2/NDF : 74511.8/11

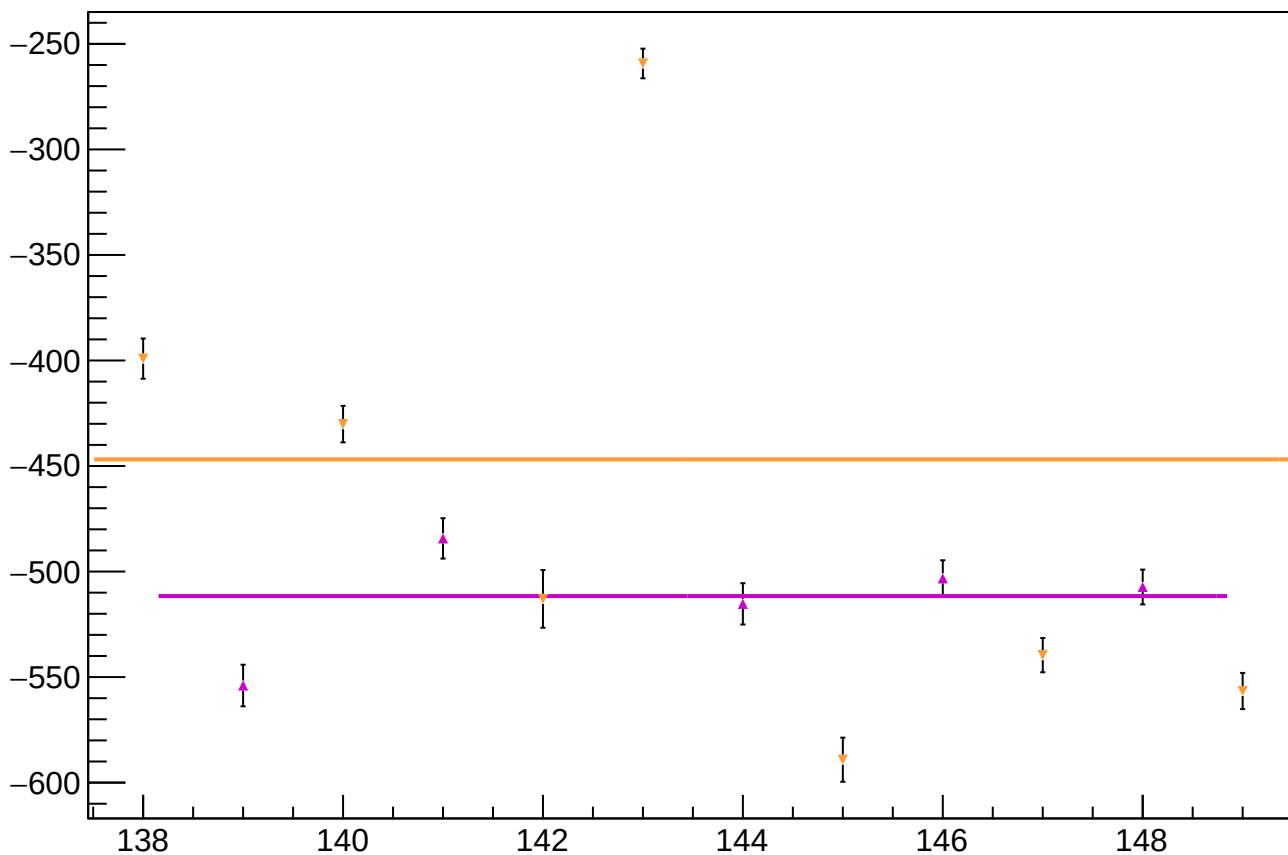
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 2.279+/-0.028 χ^2/NDF : 382753.5/21

Out: 1.954+/-0.028 χ^2/NDF : 580893.0/25

All: 2.113+/-0.020 χ^2/NDF : 963714.6/47

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: -446.847+/-3.370 χ^2/NDF :1246.5/6

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

Left In: -511.610+/-4.083 χ^2/NDF :28.0/4

Left: -473.090+/-2.599 χ^2/NDF : 1424.2/11

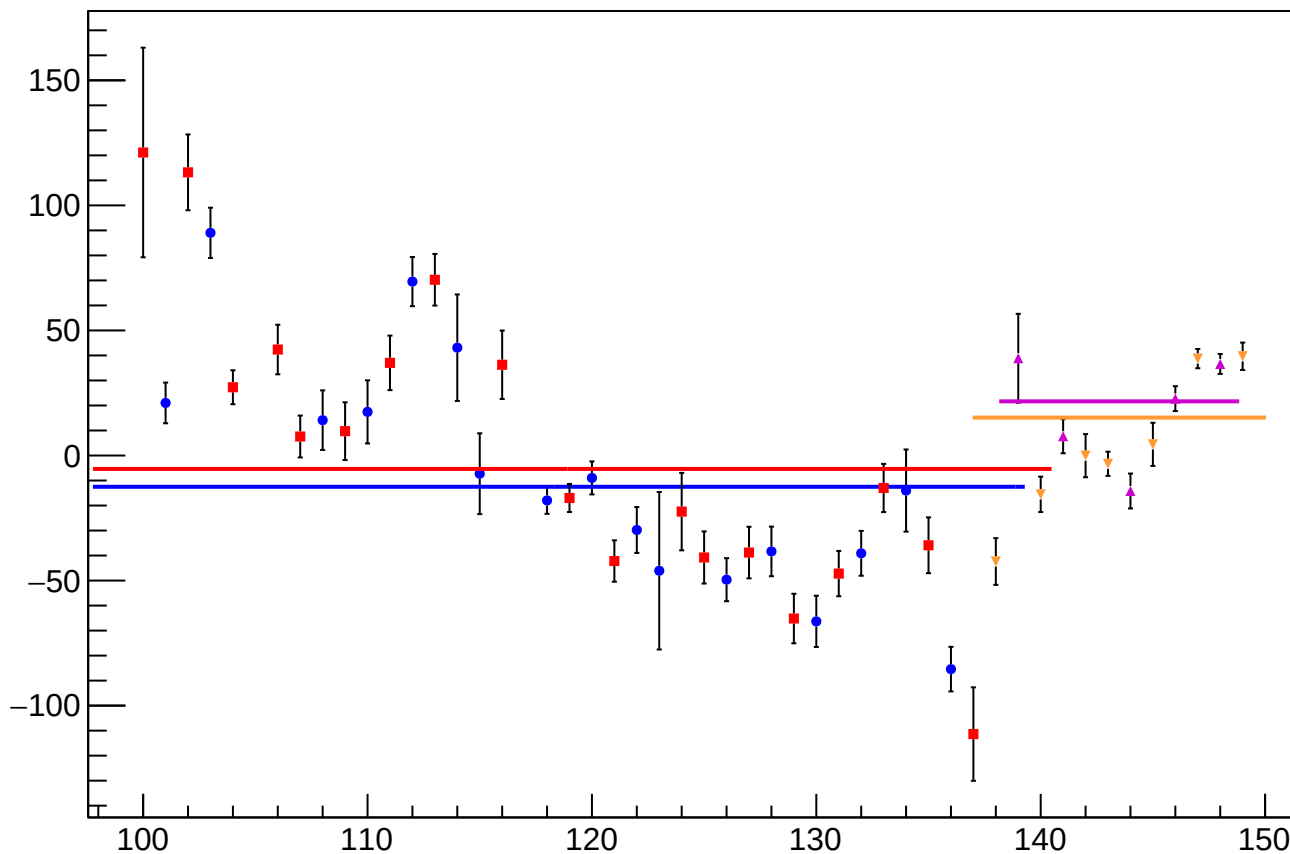
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.610+/-4.083 χ^2/NDF :28.0/4

Out: -446.847+/-3.370 χ^2/NDF :1246.5/6

All: -473.090+/-2.599 χ^2/NDF : 1424.2/11

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 15.166 ± 2.225 χ^2/NDF : 133.6/6

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

Left In: 21.657 ± 2.595 χ^2/NDF : 45.6/4

Left: 17.916 ± 1.689 χ^2/NDF : 182.9/11

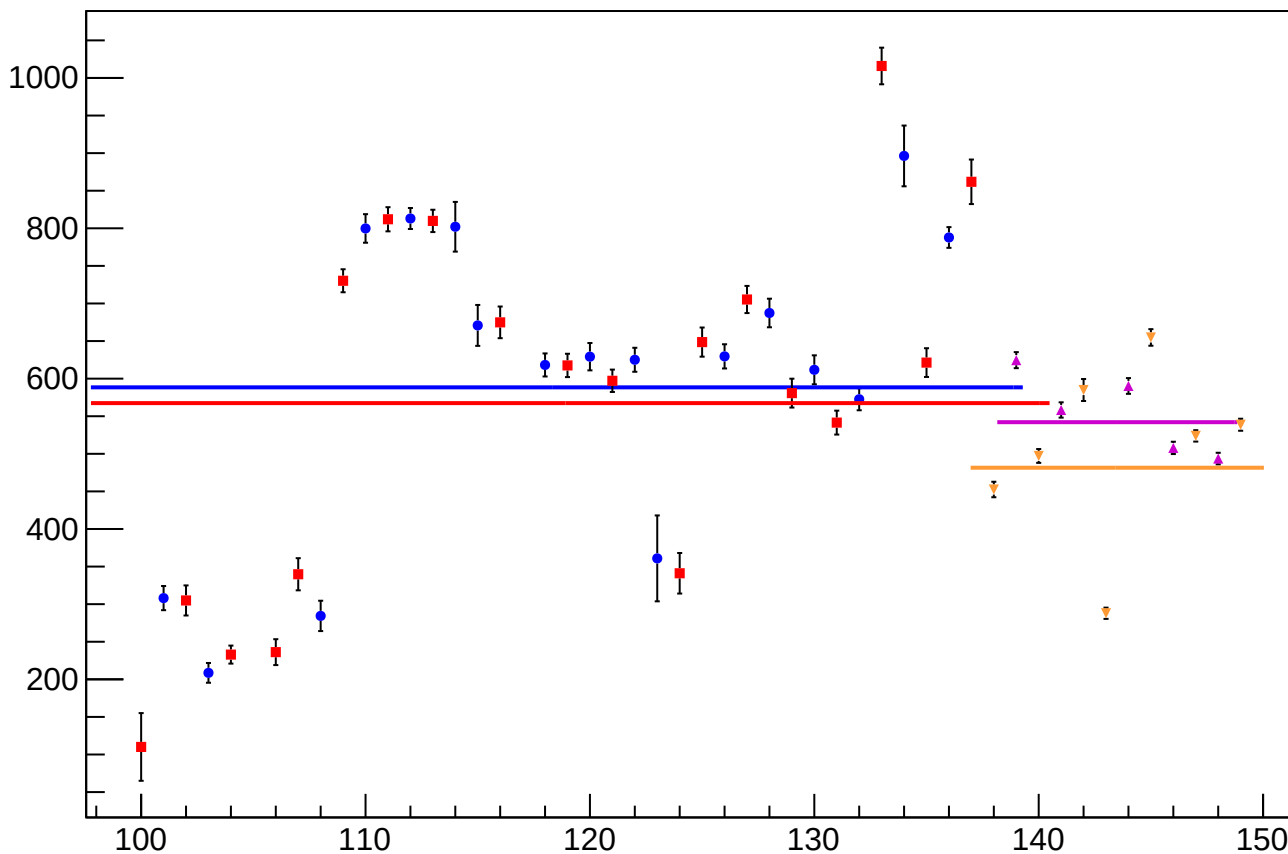
Right: -8.858 ± 1.617 χ^2/NDF : 690.5/35

In: 2.605 ± 1.726 χ^2/NDF : 483.3/21

Out: 5.079 ± 1.587 χ^2/NDF : 520.0/25

All: 3.945 ± 1.168 χ^2/NDF : 1004.4/47

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: 481.504+/-3.431 χ^2/NDF :1058.3/6

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 542.086+/-4.108 χ^2/NDF :140.3/4

Left: 506.394+/-2.633 χ^2/NDF : 1326.7/11

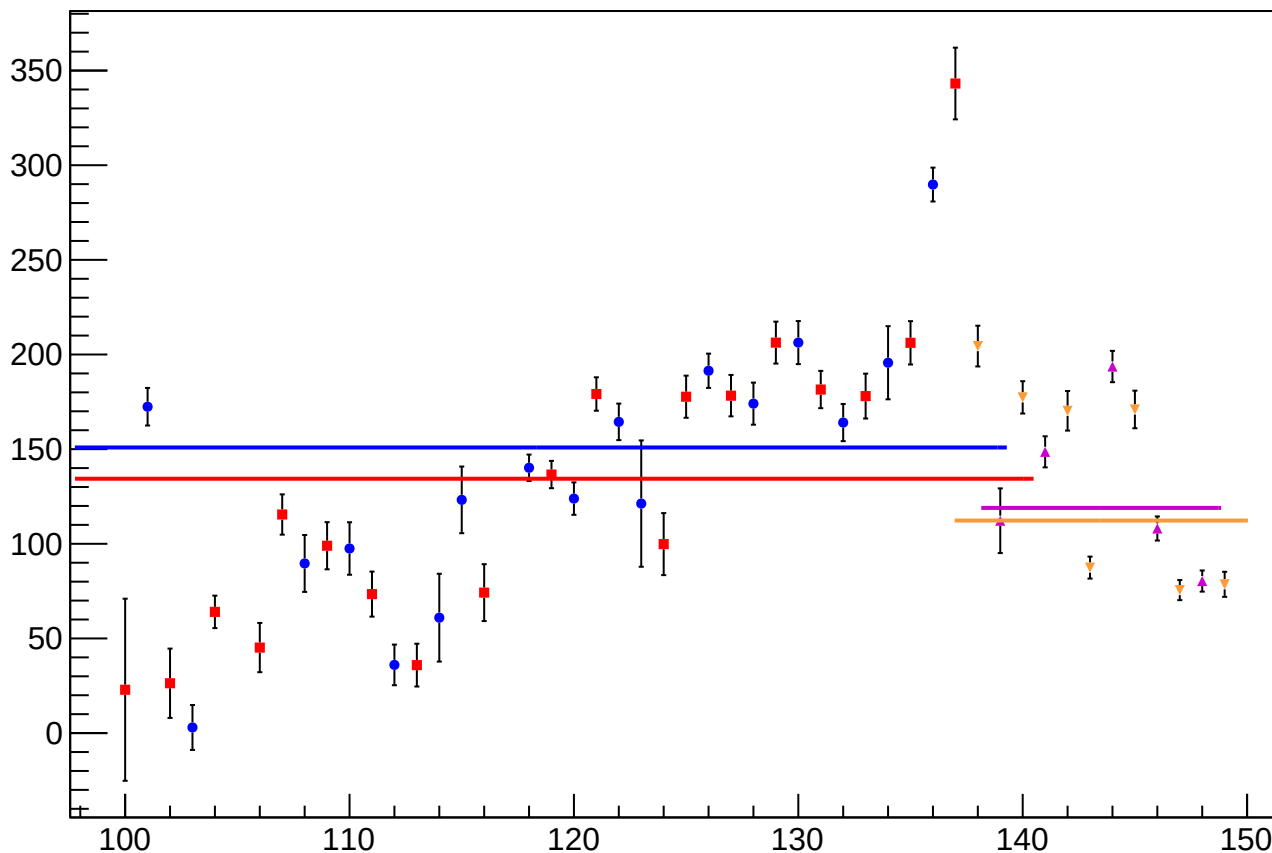
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 564.089+/-2.977 χ^2/NDF :2330.9/21

Out: 516.530+/-2.641 χ^2/NDF :4098.8/25

All: 537.472+/-1.976 χ^2/NDF : 6572.5/47

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: 112.305 $\pm$ 2.778 χ^2 /NDF:289.2/6

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

Left In: 118.967 $\pm$ 3.341 χ^2 /NDF:145.4/4

Left: 115.028 $\pm$ 2.136 χ^2 /NDF: 436.9/11

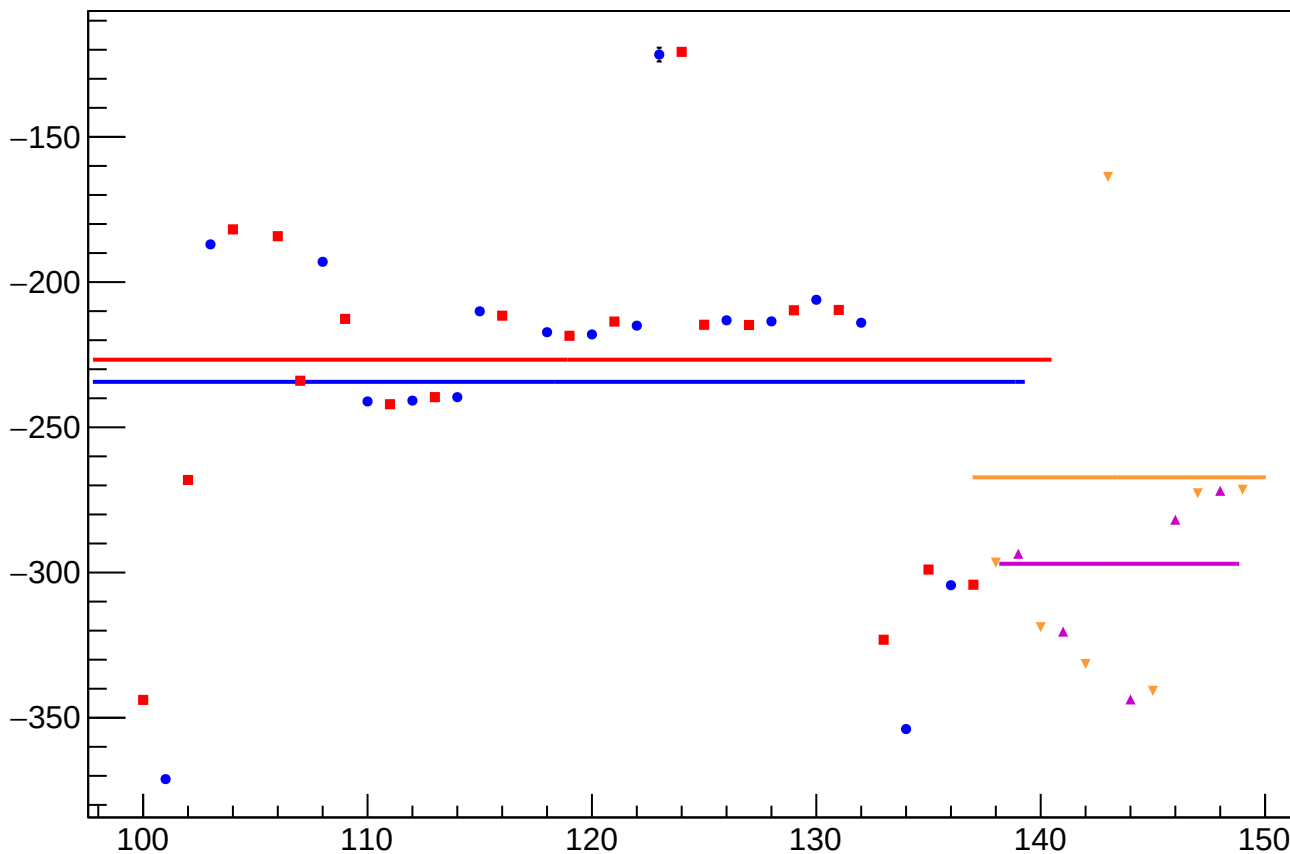
Right: 142.467 $\pm$ 1.871 χ^2 /NDF: 1239.2/35

In: 138.427 $\pm$ 2.088 χ^2 /NDF:835.9/21

Out: 123.989 $\pm$ 1.906 χ^2 /NDF:907.5/25

All: 130.552 $\pm$ 1.408 χ^2 /NDF: 1769.5/47

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: -267.221+/-0.145 χ^2/NDF : 180842.7/6

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

Left In: -296.983+/-0.172 χ^2/NDF : 21056.6/4

Left: -279.613+/-0.111 χ^2/NDF : 219396.3/11

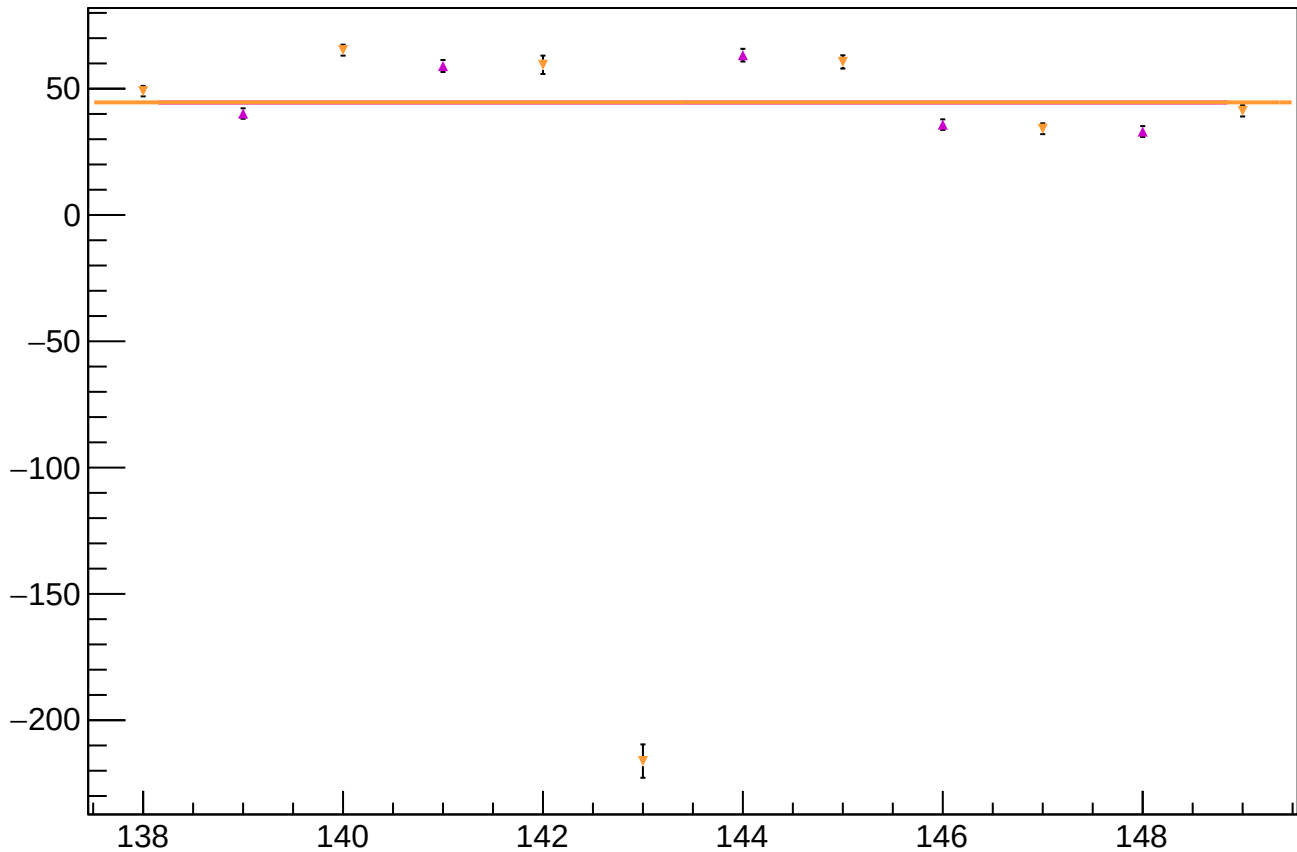
Right: -230.345+/-0.102 χ^2/NDF : 245990.9/35

In: -261.072+/-0.112 χ^2/NDF : 242354.4/21

Out: -246.423+/-0.101 χ^2/NDF : 320248.5/25

All: -252.994+/-0.075 χ^2/NDF : 571989.0/47

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: 44.581+/-0.949 χ^2/NDF :1730.4/6

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

Left In: 44.523+/-0.993 χ^2/NDF :143.1/4

Left: 44.554+/-0.686 χ^2/NDF : 1873.5/11

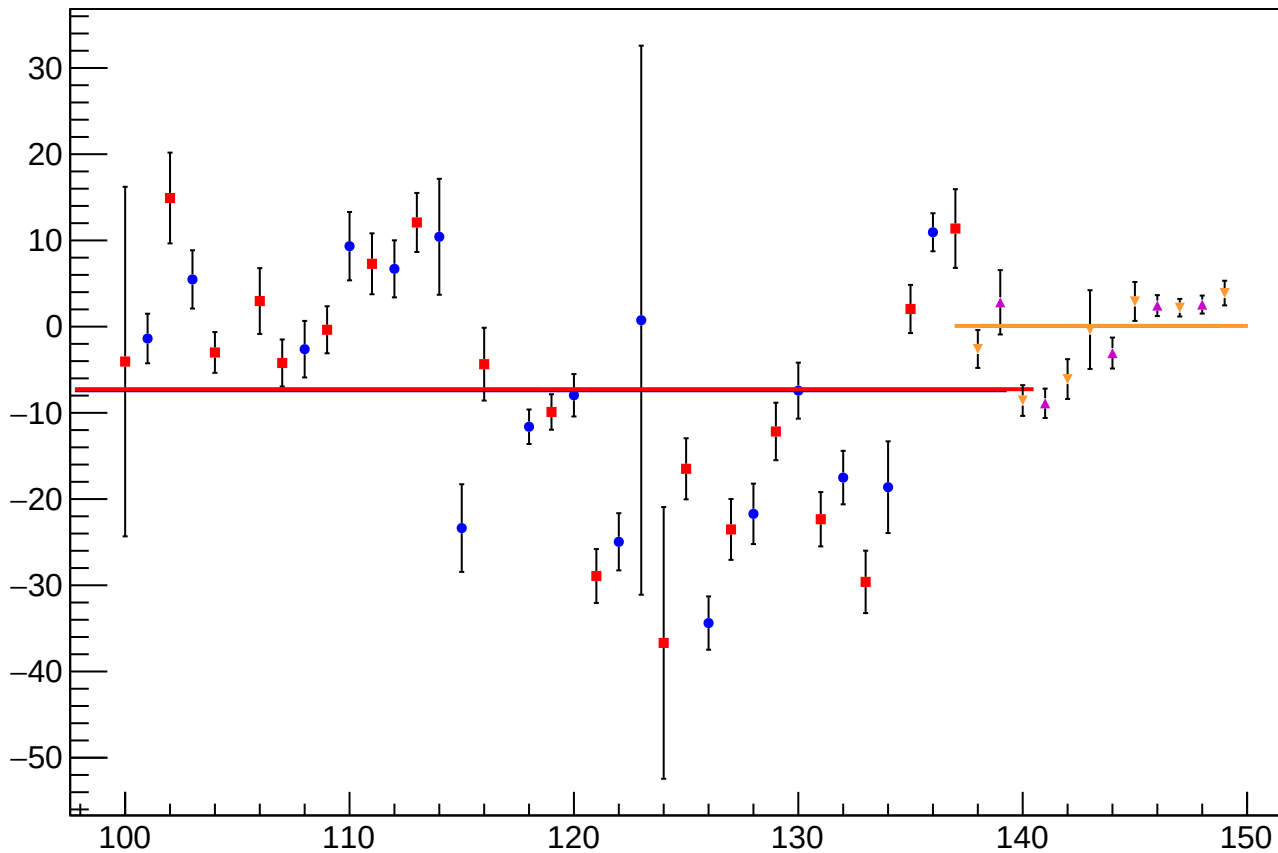
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.523+/-0.993 χ^2/NDF :143.1/4

Out: 44.581+/-0.949 χ^2/NDF :1730.4/6

All: 44.554+/-0.686 χ^2/NDF : 1873.5/11

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: 0.081 ± 0.645 χ^2/NDF : 45.1/6

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: 0.080 ± 0.657 χ^2/NDF : 40.7/4

Left: 0.081 ± 0.460 χ^2/NDF : 85.8/11

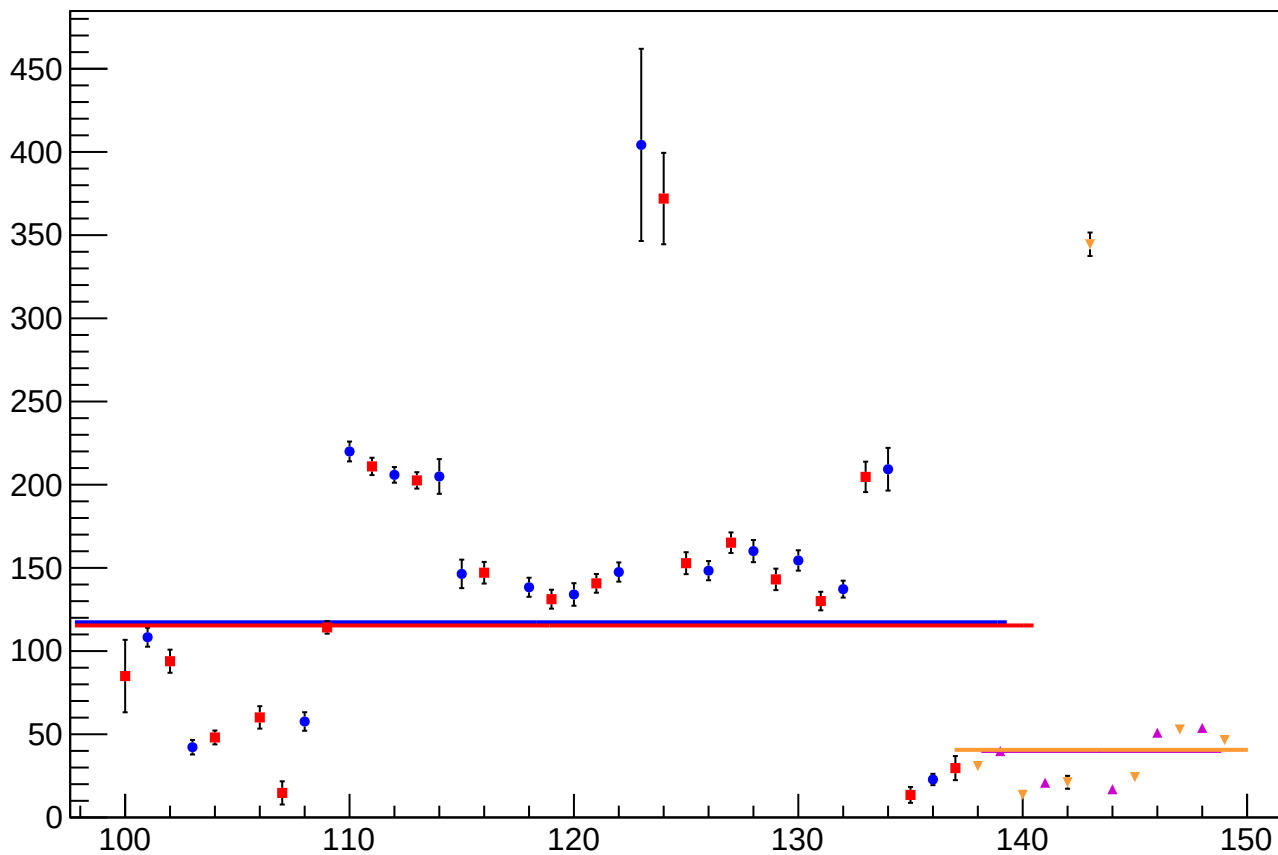
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -3.023 ± 0.502 χ^2/NDF : 377.9/21

Out: -2.981 ± 0.492 χ^2/NDF : 356.5/25

All: -3.002 ± 0.352 χ^2/NDF : 734.4/47

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: 40.634 $\pm$ 0.959 χ^2/NDF : 2116.2/6

Right Out: 115.405 $\pm$ 1.361 χ^2/NDF : 2150.5/18

Left In: 39.975 $\pm$ 1.004 χ^2/NDF : 207.7/4

Left: 40.319 $\pm$ 0.694 χ^2/NDF : 2324.1/11

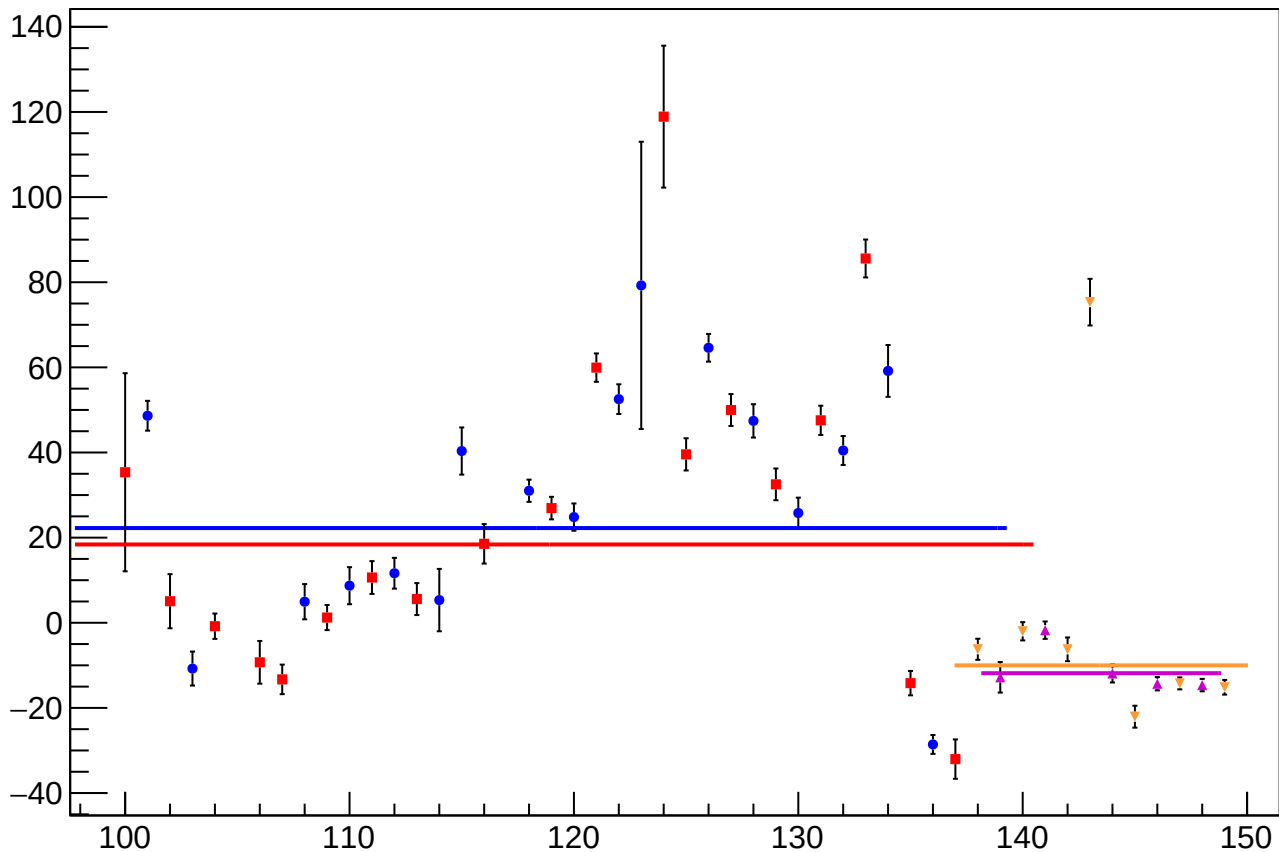
Right: 116.321 $\pm$ 0.979 χ^2/NDF : 4312.7/35

In: 66.031 $\pm$ 0.818 χ^2/NDF : 4367.2/21

Out: 65.463 $\pm$ 0.784 χ^2/NDF : 6283.8/25

All: 65.735 $\pm$ 0.566 χ^2/NDF : 10651.2/47

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: -10.012+/-0.807 χ^2/NDF :300.9/6

Right Out: 18.395+/-0.872 χ^2/NDF : 1077.1/18

Left In: -11.846+/-0.840 χ^2/NDF :30.7/4

Left: -10.892+/-0.582 χ^2/NDF : 334.0/11

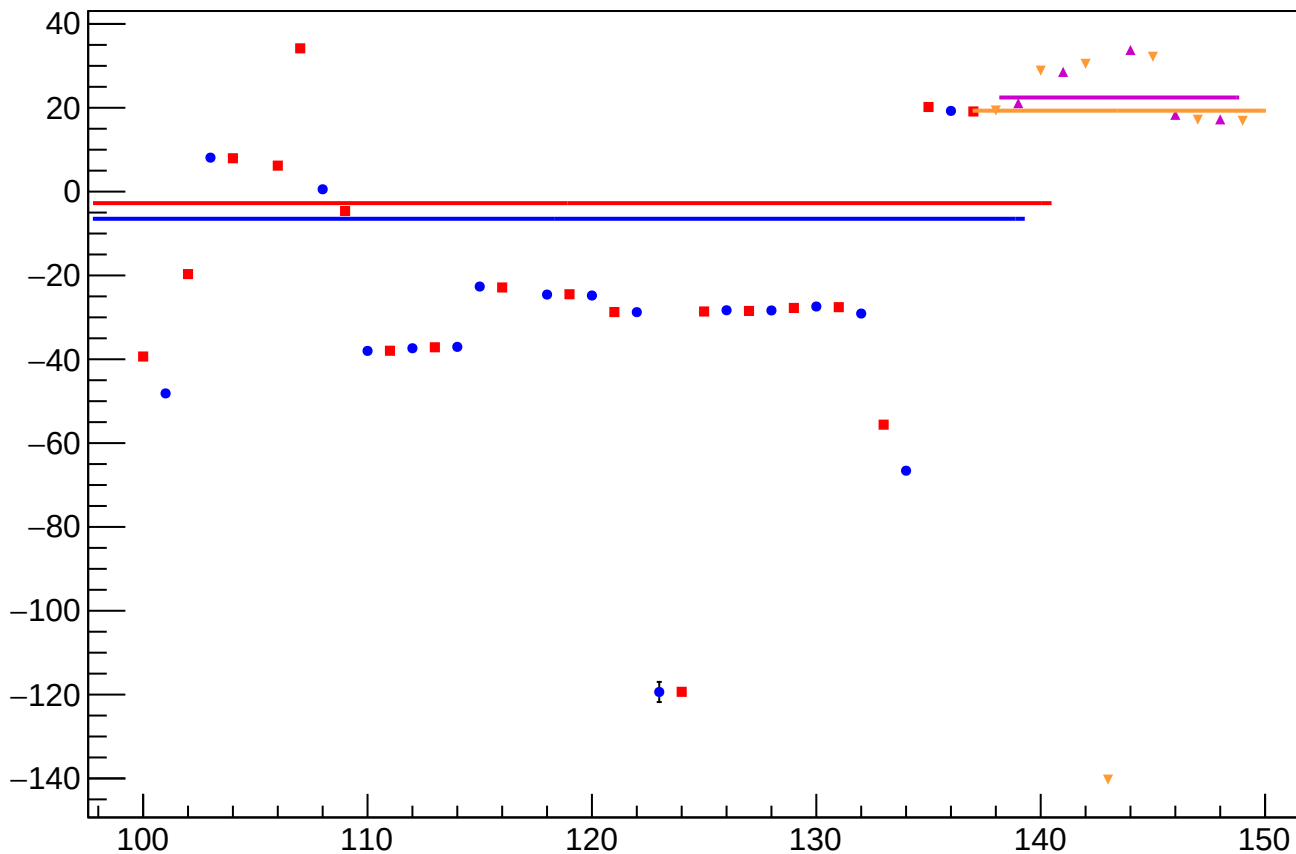
Right: 20.284+/-0.622 χ^2/NDF : 2158.2/35

In: 4.233+/-0.611 χ^2/NDF :1879.2/21

Out: 3.093+/-0.592 χ^2/NDF :1949.9/25

All: 3.645+/-0.425 χ^2/NDF : 3830.9/47

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: 19.308 ± 0.041 χ^2/NDF : 347524.4/6

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

Left In: 22.450 ± 0.041 χ^2/NDF : 18846.1/4

Left: 20.848 ± 0.029 χ^2/NDF : 369301.2/11

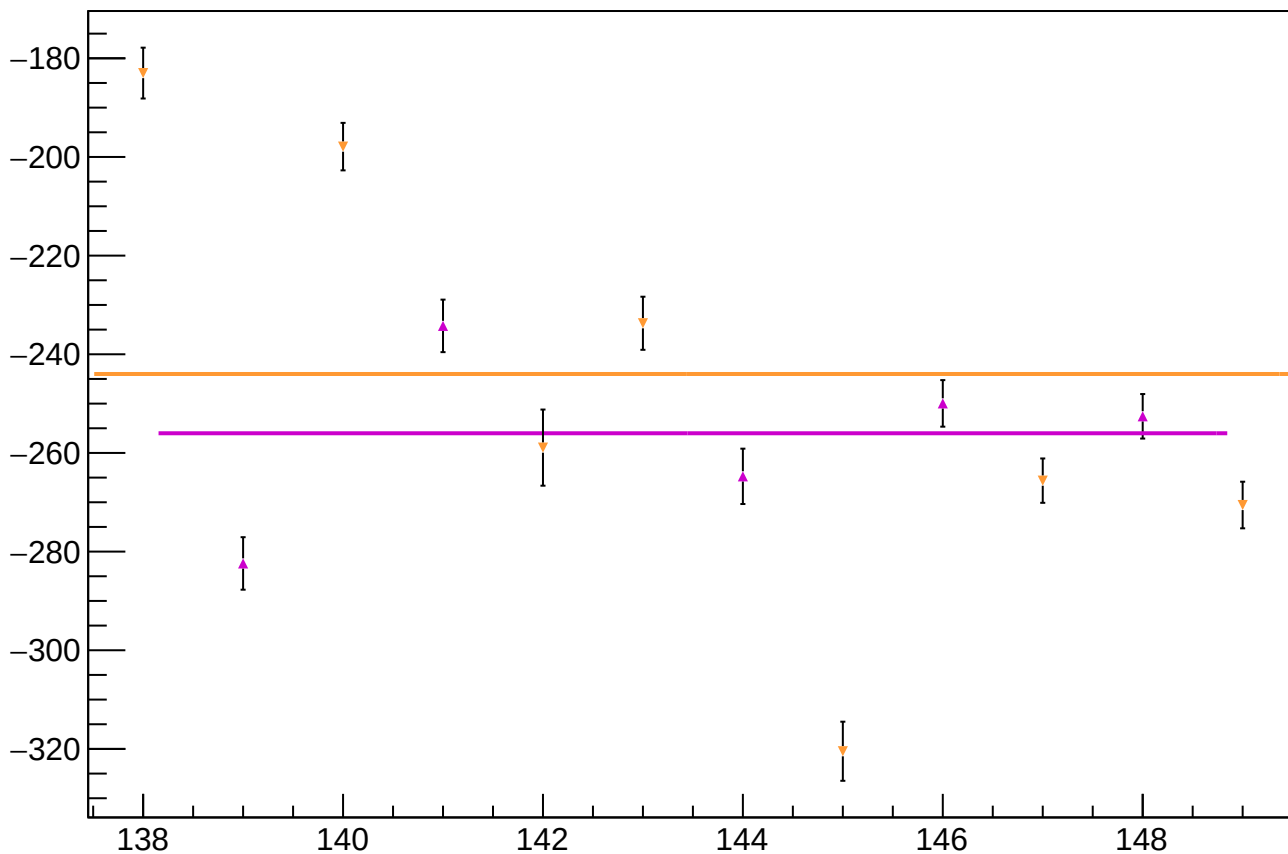
Right: -4.597 ± 0.032 χ^2/NDF : 535394.7/35

In: 9.537 ± 0.031 χ^2/NDF : 502136.9/21

Out: 9.565 ± 0.030 χ^2/NDF : 744025.0/25

All: 9.551 ± 0.022 χ^2/NDF : 1246162.3/47

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: -243.997+/-1.983 χ^2/NDF :456.8/6

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

Left In: -256.013+/-2.256 χ^2/NDF :46.0/4

Left: -249.234+/-1.490 χ^2/NDF : 518.8/11

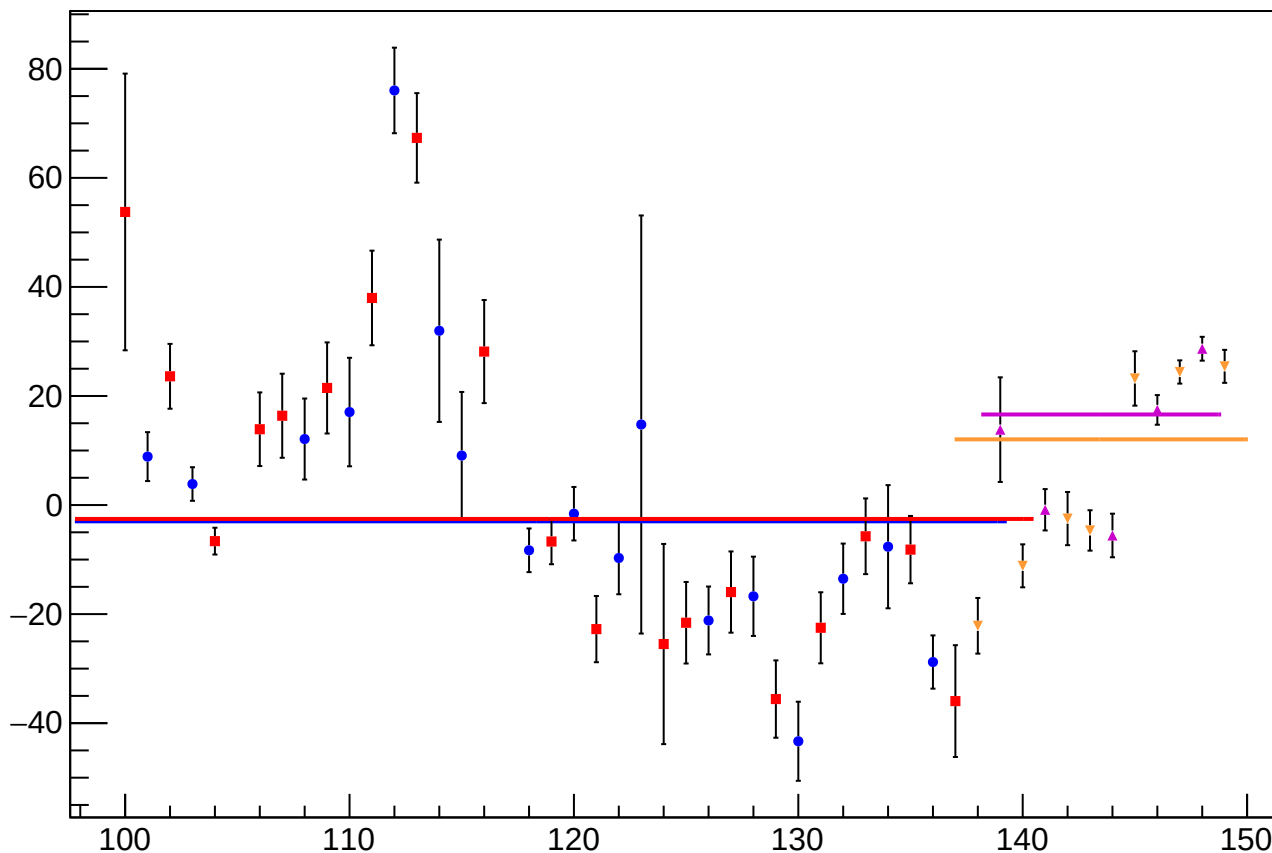
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.013+/-2.256 χ^2/NDF :46.0/4

Out: -243.997+/-1.983 χ^2/NDF :456.8/6

All: -249.234+/-1.490 χ^2/NDF : 518.8/11

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: 12.047 ± 1.305 χ^2/NDF : 167.0/6

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 16.610 ± 1.432 χ^2/NDF : 82.7/4

Left: 14.116 ± 0.964 χ^2/NDF : 255.2/11

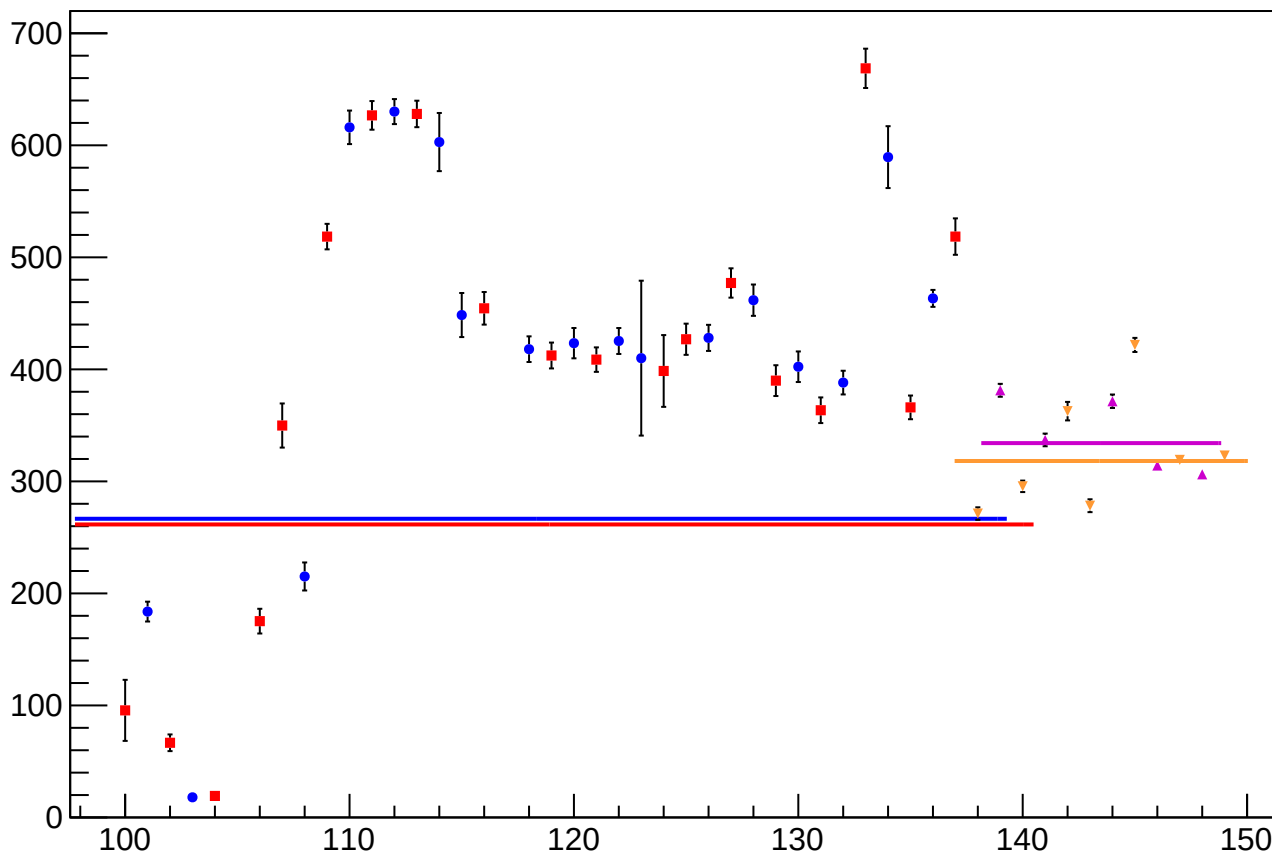
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: 6.939 ± 1.019 χ^2/NDF : 379.0/21

Out: 5.257 ± 0.954 χ^2/NDF : 443.3/25

All: 6.042 ± 0.696 χ^2/NDF : 823.7/47

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: 318.205 $\pm$ 2.007 χ^2 /NDF:439.7/6

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 334.168 $\pm$ 2.269 χ^2 /NDF:169.2/4

Left: 325.212 $\pm$ 1.503 χ^2 /NDF: 636.6/11

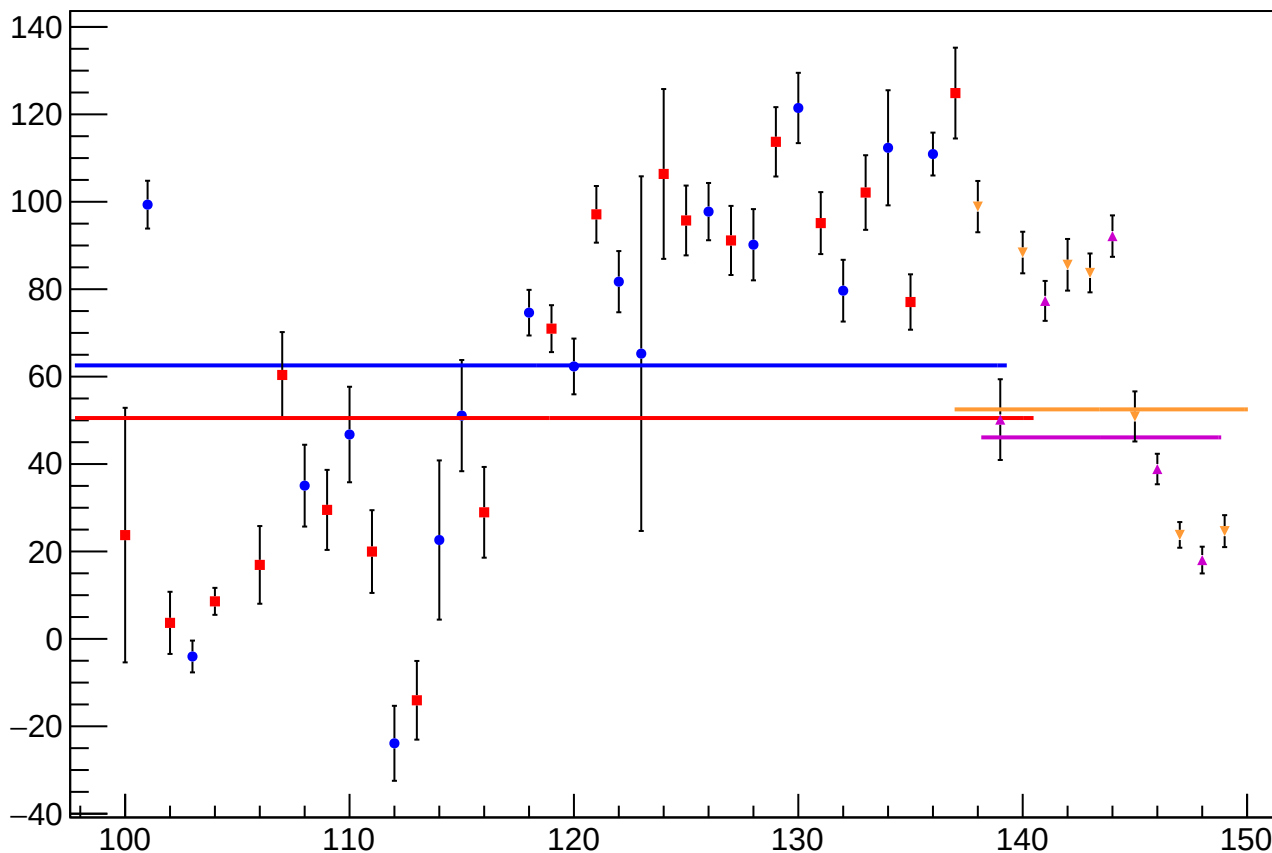
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 303.358 $\pm$ 1.673 χ^2 /NDF:8236.2/21

Out: 295.542 $\pm$ 1.554 χ^2 /NDF:8966.7/25

All: 299.163 $\pm$ 1.139 χ^2 /NDF: 17214.6/47

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 52.507 ± 1.636 $\chi^2/\text{NDF}: 353.7/6$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

Left In: 46.099 ± 1.847 $\chi^2/\text{NDF}: 229.7/4$

Left: 49.689 ± 1.225 $\chi^2/\text{NDF}: 590.2/11$

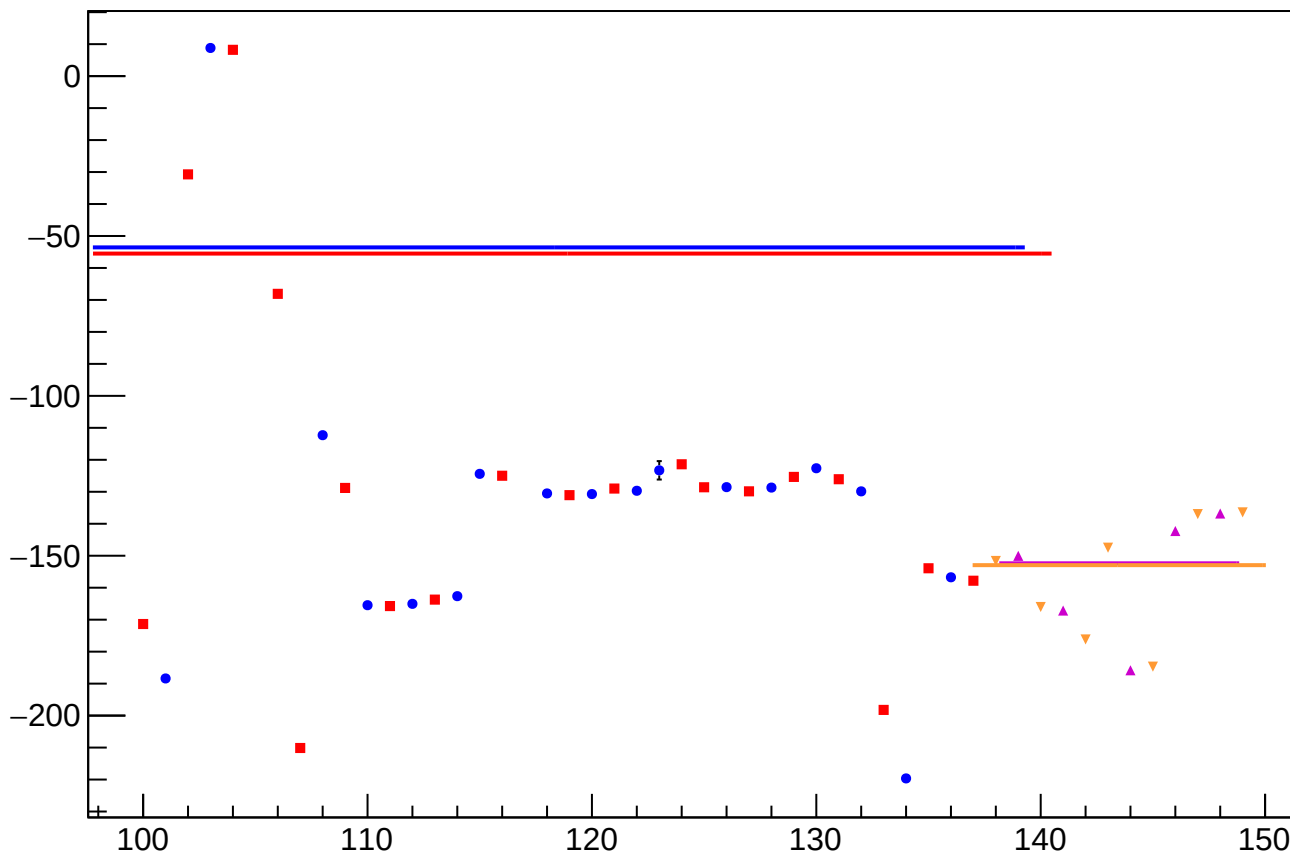
Right: 56.420 ± 1.174 $\chi^2/\text{NDF}: 1405.7/35$

In: 55.119 ± 1.242 $\chi^2/\text{NDF}: 995.7/21$

Out: 51.521 ± 1.159 $\chi^2/\text{NDF}: 1011.4/25$

All: 53.196 ± 0.848 $\chi^2/\text{NDF}: 2011.6/47$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Left Out: -152.947 $\pm$ 0.085 χ^2 /NDF: 39121.2/6

Right Out: -55.502 $\pm$ 0.072 χ^2 /NDF: 969632.0/18

Left In: -152.369 $\pm$ 0.095 χ^2 /NDF: 30249.4/4

Left: -152.688 $\pm$ 0.063 χ^2 /NDF: 69391.1/11

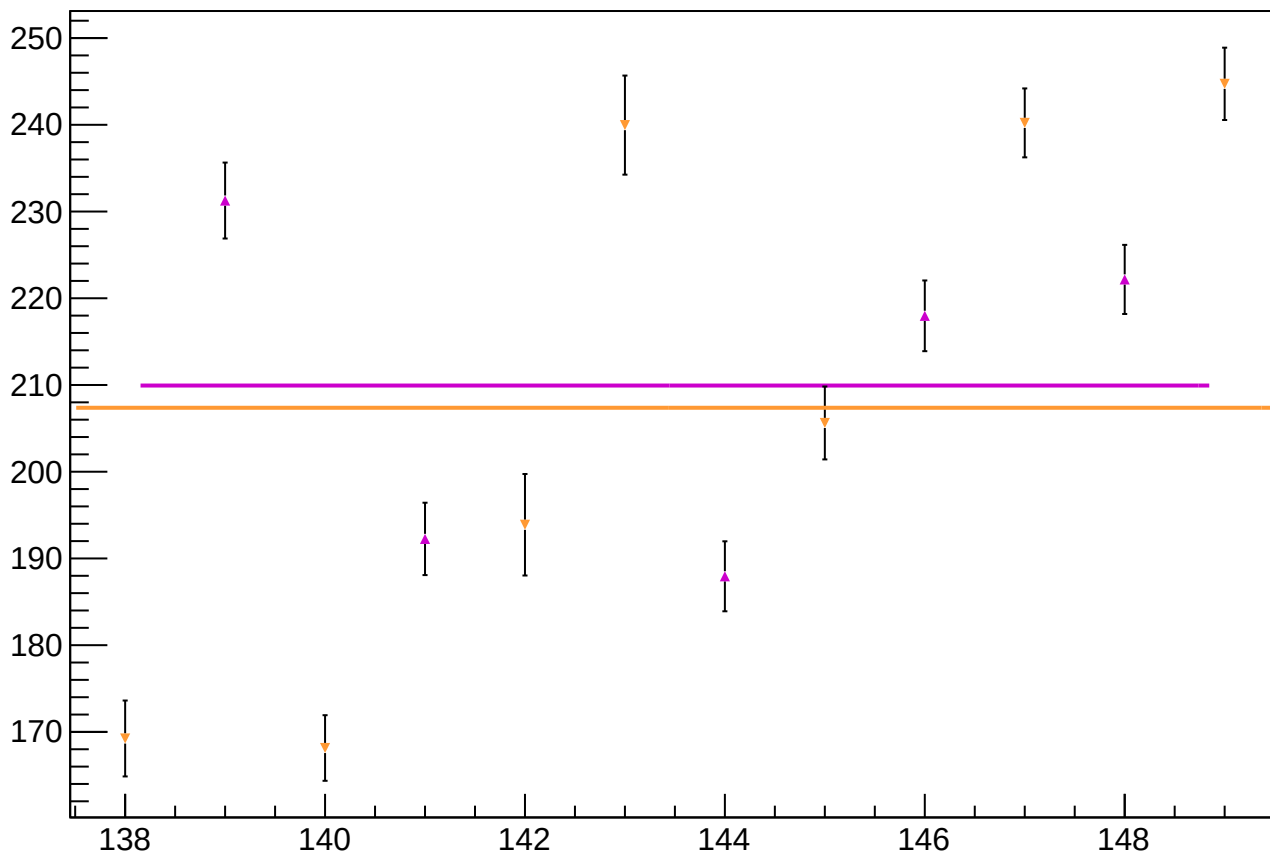
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -88.635 $\pm$ 0.056 χ^2 /NDF: 1962095.4/21

Out: -95.905 $\pm$ 0.055 χ^2 /NDF: 1770188.7/25

All: -92.363 $\pm$ 0.039 χ^2 /NDF: 3740790.6/47

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: 207.374+/-1.668 χ^2/NDF :370.1/6

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

Left In: 209.937+/-1.844 χ^2/NDF :84.7/4

Left: 208.528+/-1.237 χ^2/NDF : 455.9/11

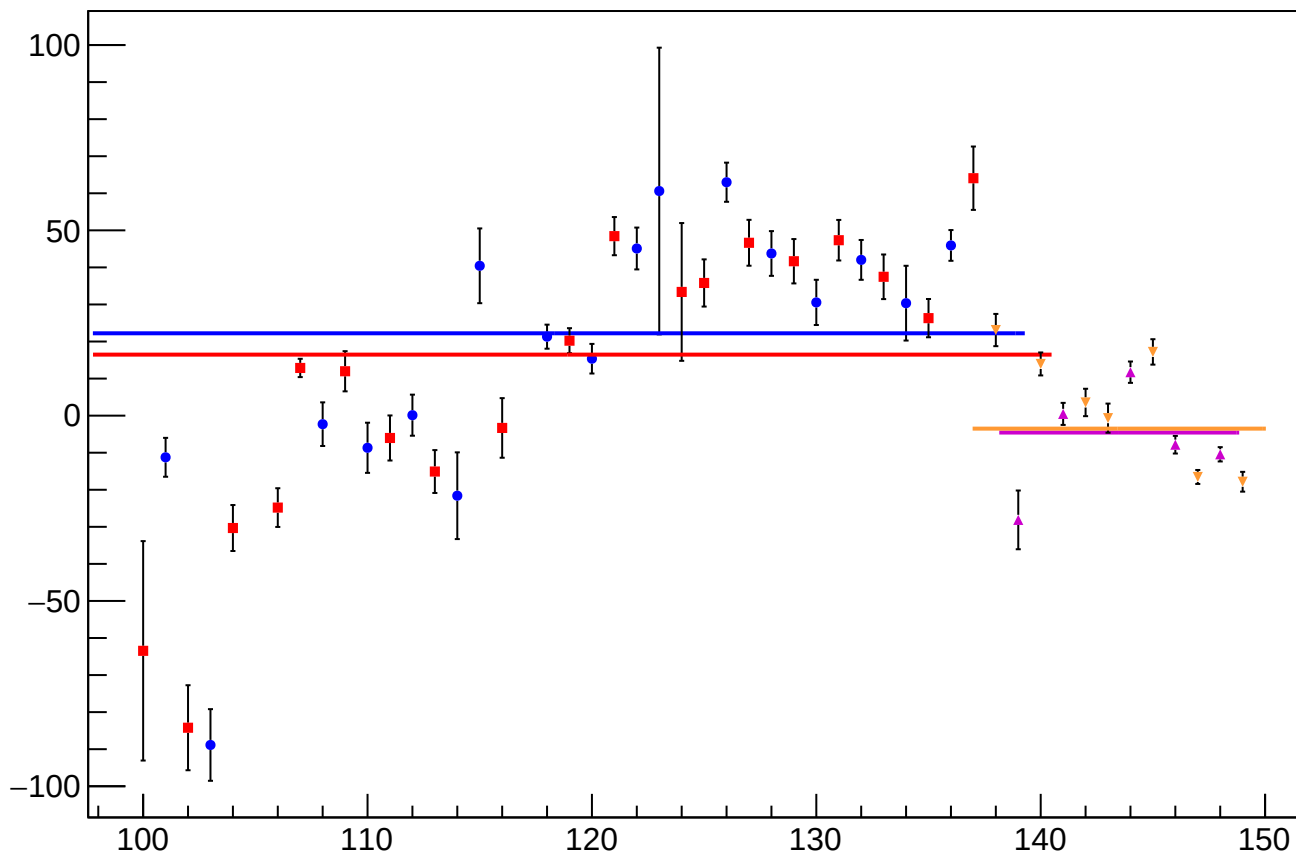
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.937+/-1.844 χ^2/NDF :84.7/4

Out: 207.374+/-1.668 χ^2/NDF :370.1/6

All: 208.528+/-1.237 χ^2/NDF : 455.9/11

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221+/-1.374 χ^2 /NDF: 385.6/16

Left Out: -3.503+/-1.117 χ^2 /NDF:186.5/6

Right Out: 16.466+/-1.230 χ^2 /NDF: 425.9/18

Left In: -4.561+/-1.200 χ^2 /NDF:54.8/4

Left: -3.994+/-0.818 χ^2 /NDF: 241.7/11

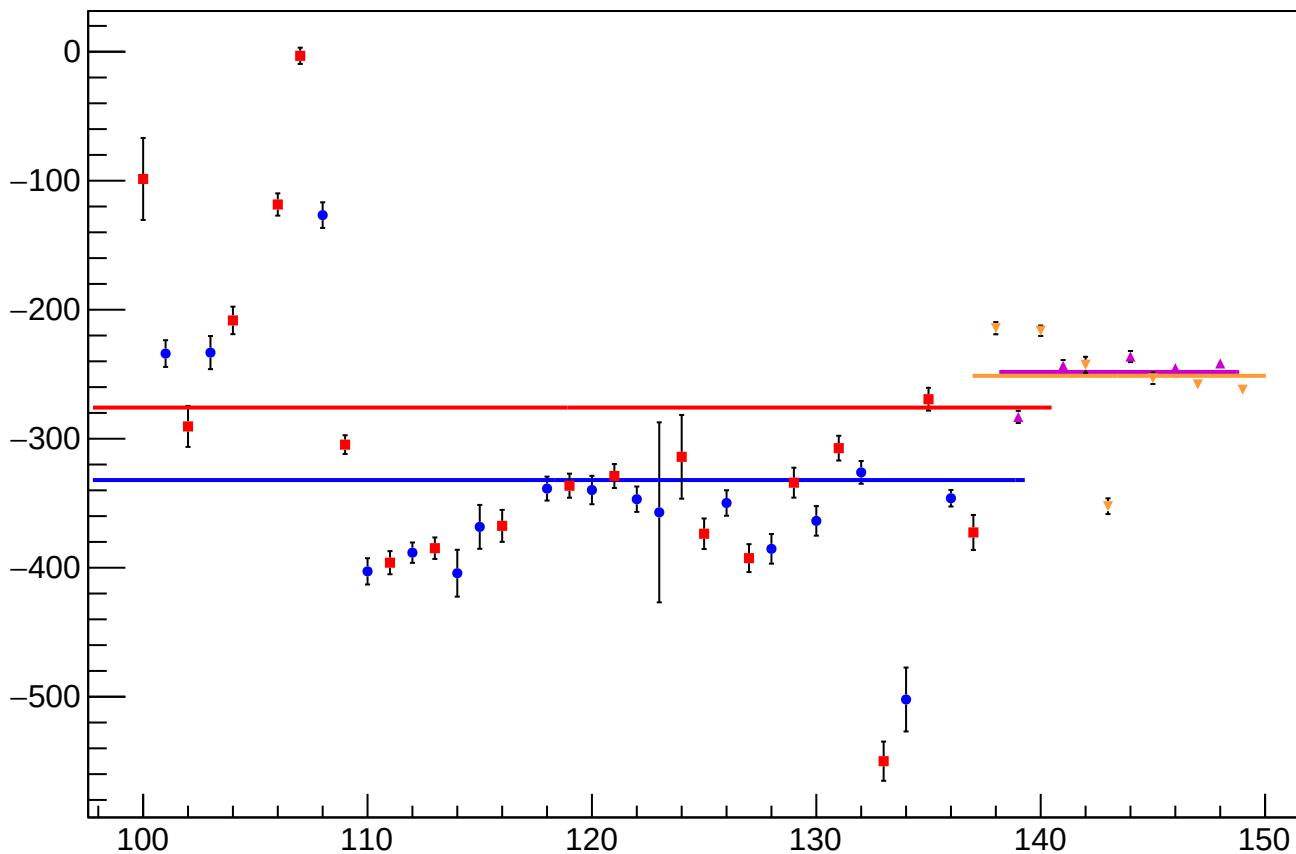
Right: 19.025+/-0.916 χ^2 /NDF: 821.2/35

In: 7.031+/-0.904 χ^2 /NDF:656.0/21

Out: 5.523+/-0.827 χ^2 /NDF:756.9/25

All: 6.210+/-0.610 χ^2 /NDF: 1414.4/47

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -251.245 ± 1.697 χ^2/NDF : 423.5/6

Right Out: -275.853 ± 2.324 χ^2/NDF : 3362.8/18

Left In: -248.243 ± 1.868 χ^2/NDF : 66.7/4

Left: -249.888 ± 1.256 χ^2/NDF : 491.6/11

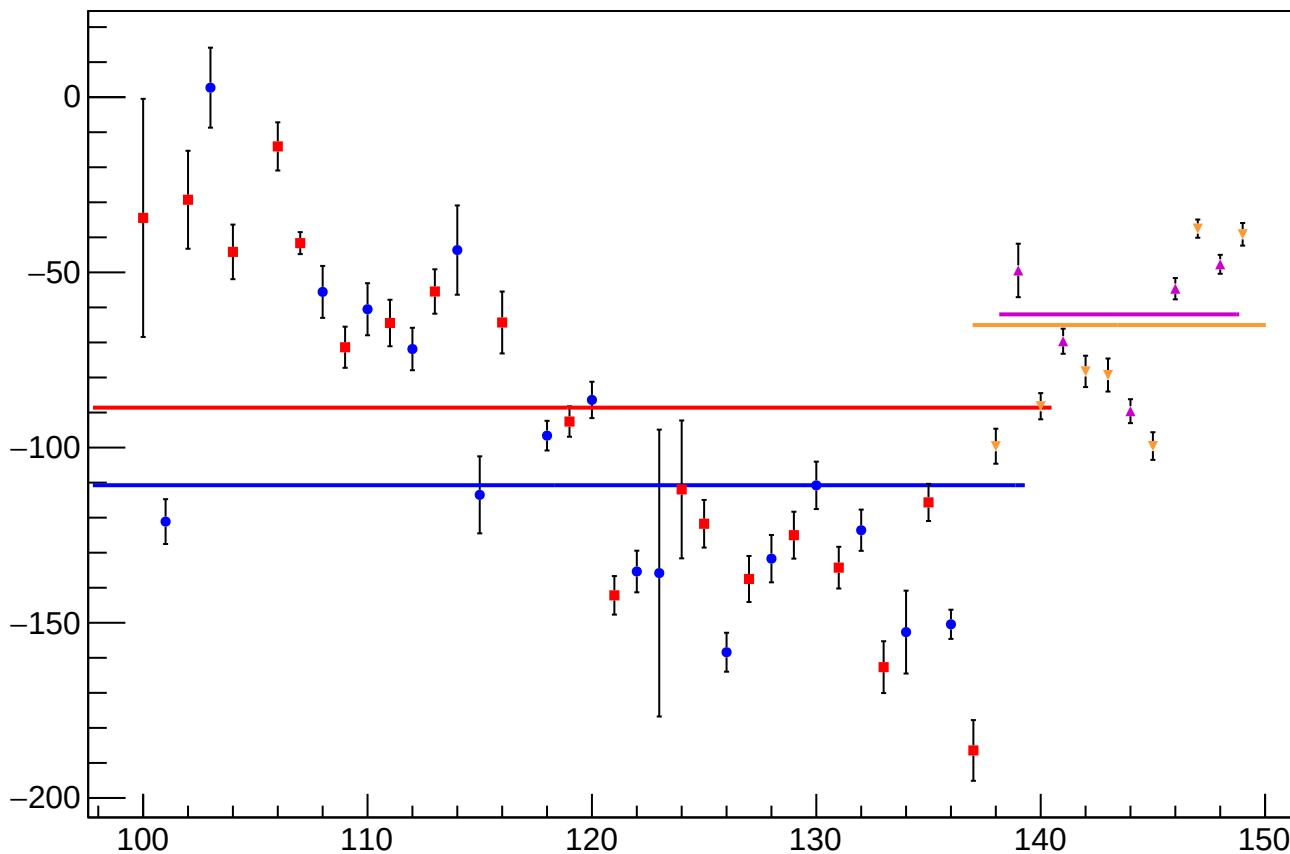
Right: -301.220 ± 1.721 χ^2/NDF : 4411.6/35

In: -277.326 ± 1.509 χ^2/NDF : 1550.1/21

Out: -259.800 ± 1.371 χ^2/NDF : 3859.5/25

All: -267.720 ± 1.015 χ^2/NDF : 5483.5/47

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: -65.028 ± 1.394 χ^2/NDF : 357.3/6

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

Left In: -61.988 ± 1.532 χ^2/NDF : 106.5/4

Left: -63.652 ± 1.031 χ^2/NDF : 466.0/11

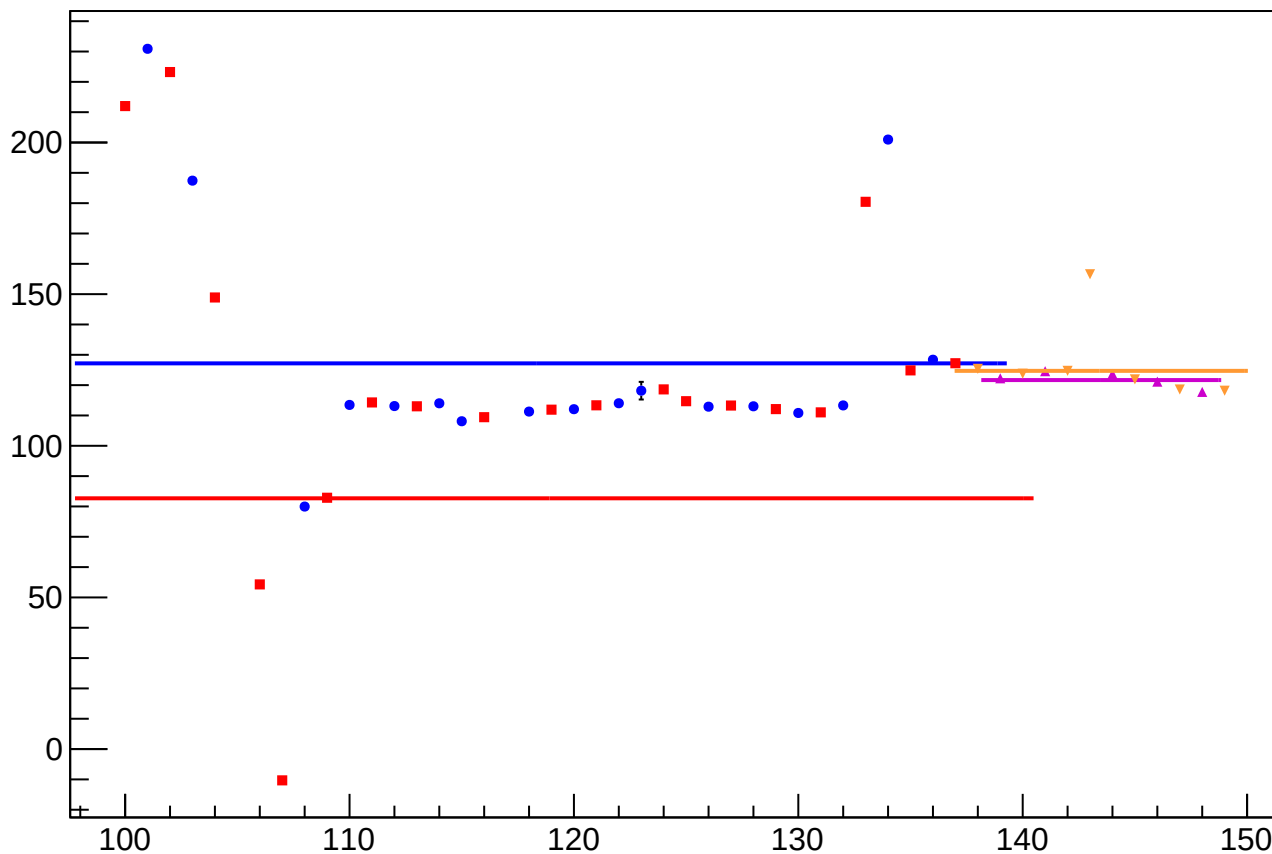
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -85.655 ± 1.099 χ^2/NDF : 1111.5/21

Out: -76.474 ± 1.000 χ^2/NDF : 1465.9/25

All: -80.630 ± 0.740 χ^2/NDF : 2615.6/47

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 124.708+/-0.072 χ^2/NDF :19949.1/6

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

Left In: 121.671+/-0.078 χ^2/NDF :994.6/4

Left: 123.310+/-0.053 χ^2/NDF : 21763.5/11

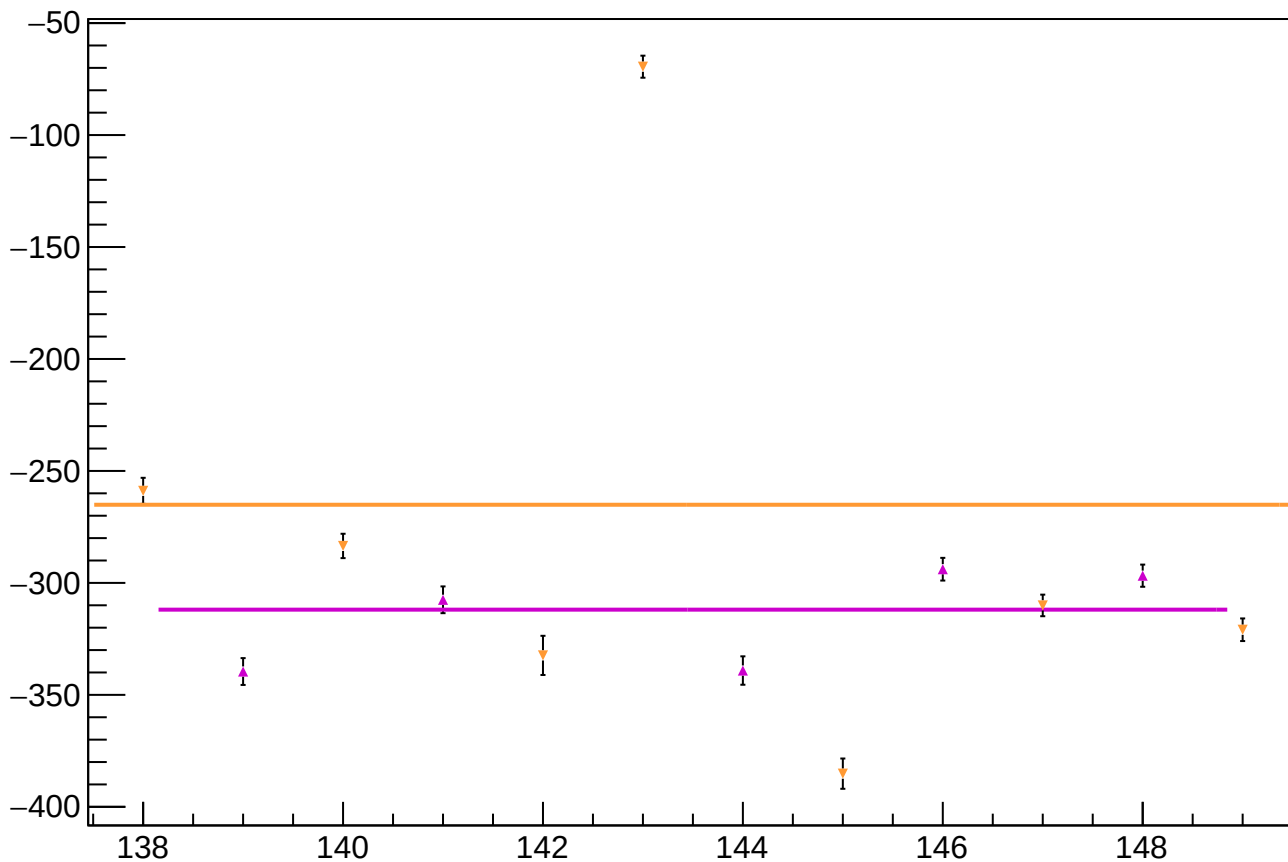
Right: 101.242+/-0.057 χ^2/NDF : 1099401.9/35

In: 124.060+/-0.059 χ^2/NDF :191213.0/21

Out: 104.654+/-0.052 χ^2/NDF :948494.3/25

All: 113.201+/-0.039 χ^2/NDF : 1201012.4/47

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: -265.101+/-2.123 χ^2/NDF :2174.9/6

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

Left In: -311.947+/-2.496 χ^2/NDF :62.3/4

Left: -284.763+/-1.617 χ^2/NDF : 2441.5/11

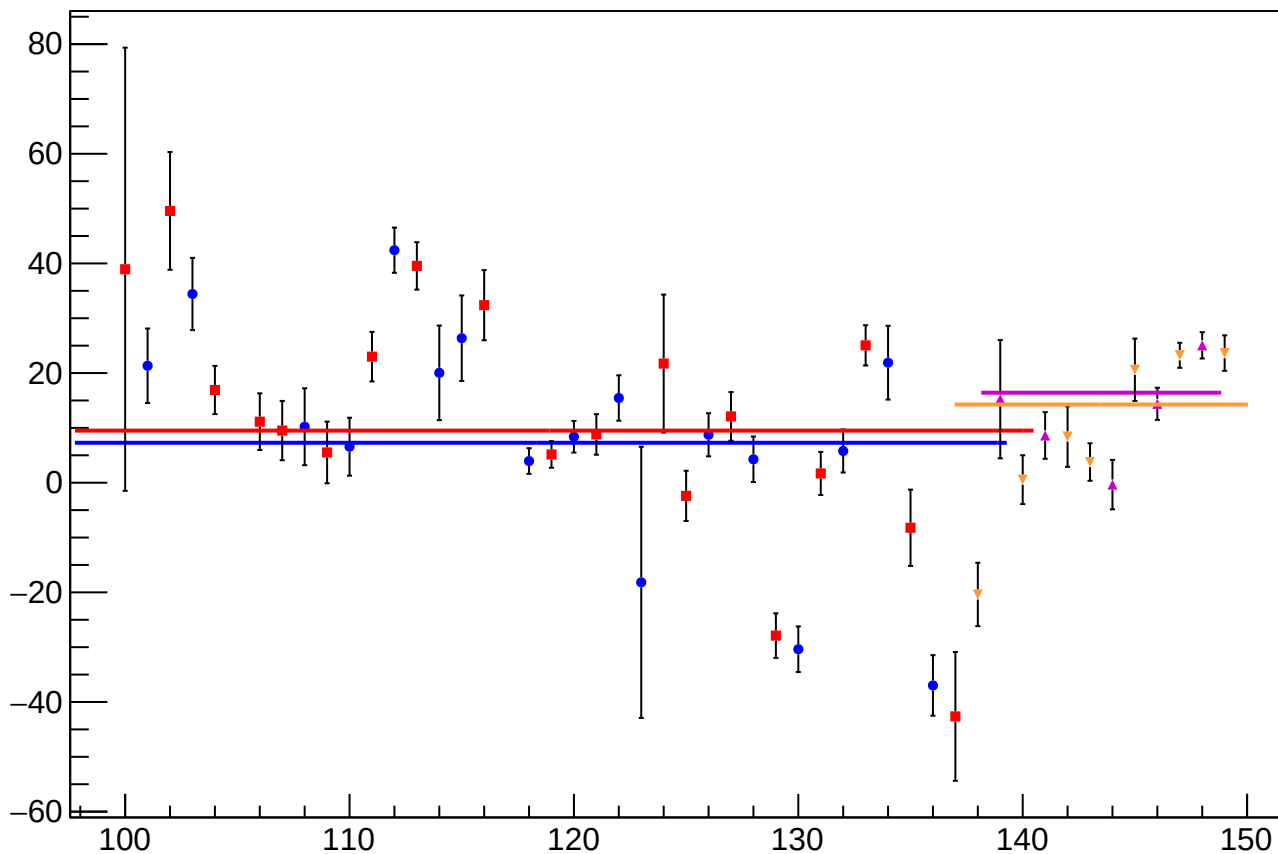
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -311.947+/-2.496 χ^2/NDF :62.3/4

Out: -265.101+/-2.123 χ^2/NDF :2174.9/6

All: -284.763+/-1.617 χ^2/NDF : 2441.5/11

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 14.260 ± 1.391 χ^2/NDF : 81.0/6

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

Left In: 16.418 ± 1.576 χ^2/NDF : 30.6/4

Left: 15.205 ± 1.043 χ^2/NDF : 112.7/11

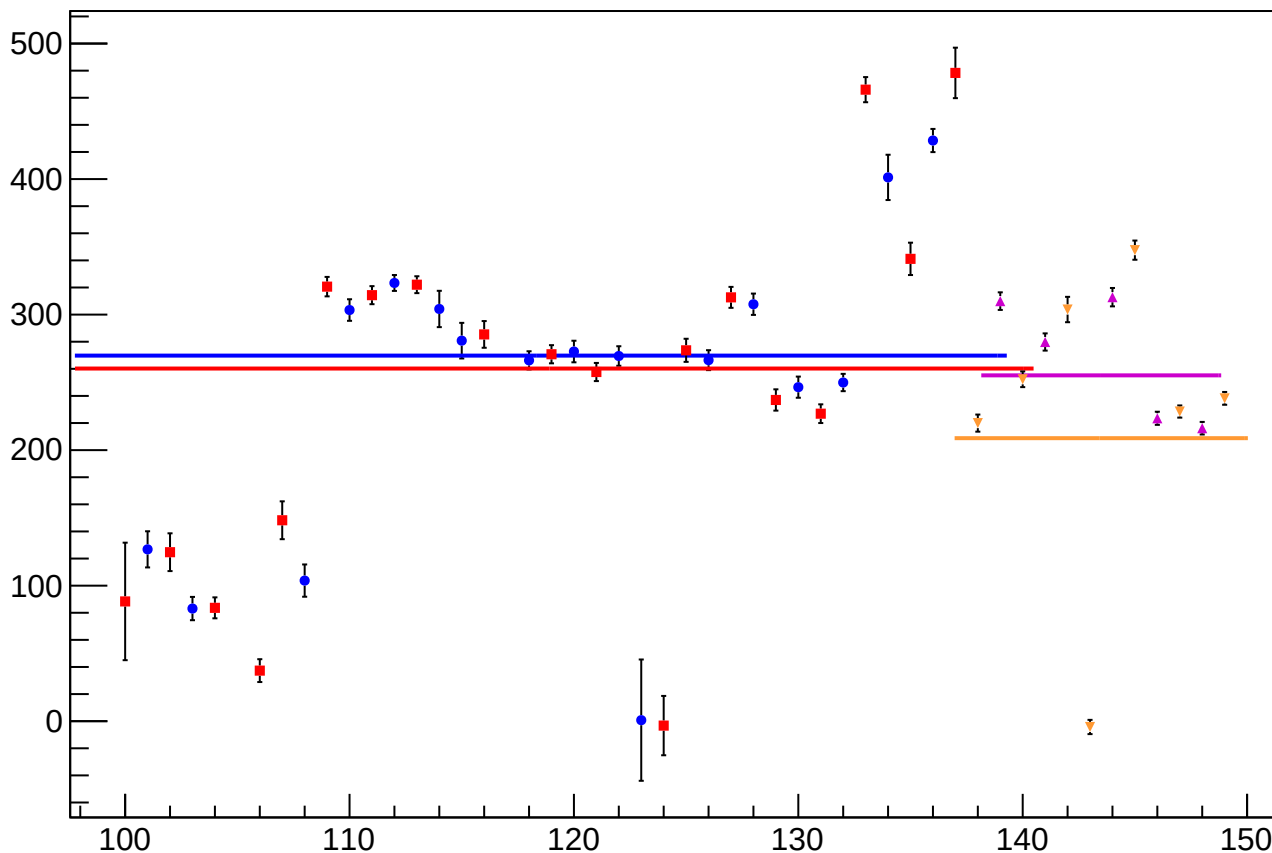
Right: 8.404 ± 0.763 χ^2/NDF : 494.7/35

In: 10.215 ± 0.893 χ^2/NDF : 314.4/21

Out: 11.282 ± 0.850 χ^2/NDF : 319.9/25

All: 10.774 ± 0.616 χ^2/NDF : 635.1/47

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: 208.826 $\pm$ 2.148 χ^2 /NDF:2247.8/6

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

Left In: 255.174 $\pm$ 2.505 χ^2 /NDF:272.0/4

Left: 228.465 $\pm$ 1.630 χ^2 /NDF: 2717.2/11

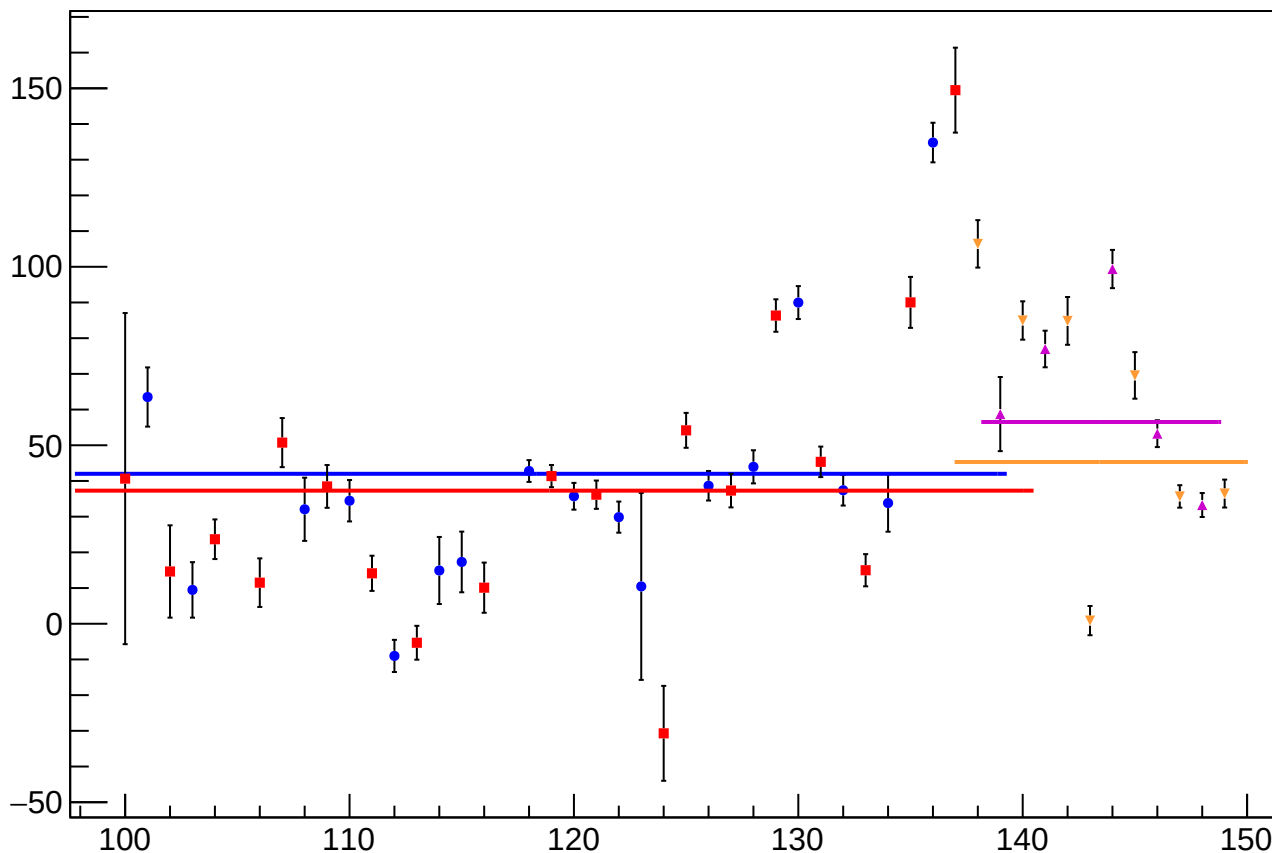
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 263.829 $\pm$ 1.596 χ^2 /NDF:1666.2/21

Out: 236.630 $\pm$ 1.455 χ^2 /NDF:5099.1/25

All: 248.972 $\pm$ 1.075 χ^2 /NDF: 6923.9/47

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 ± 1.255 χ^2/NDF : 575.6/16

Left Out: 45.317 ± 1.743 χ^2/NDF : 320.2/6

Right Out: 37.284 ± 1.237 χ^2/NDF : 472.6/18

Left In: 56.517 ± 2.035 χ^2/NDF : 128.7/4

Left: 50.057 ± 1.324 χ^2/NDF : 466.4/11

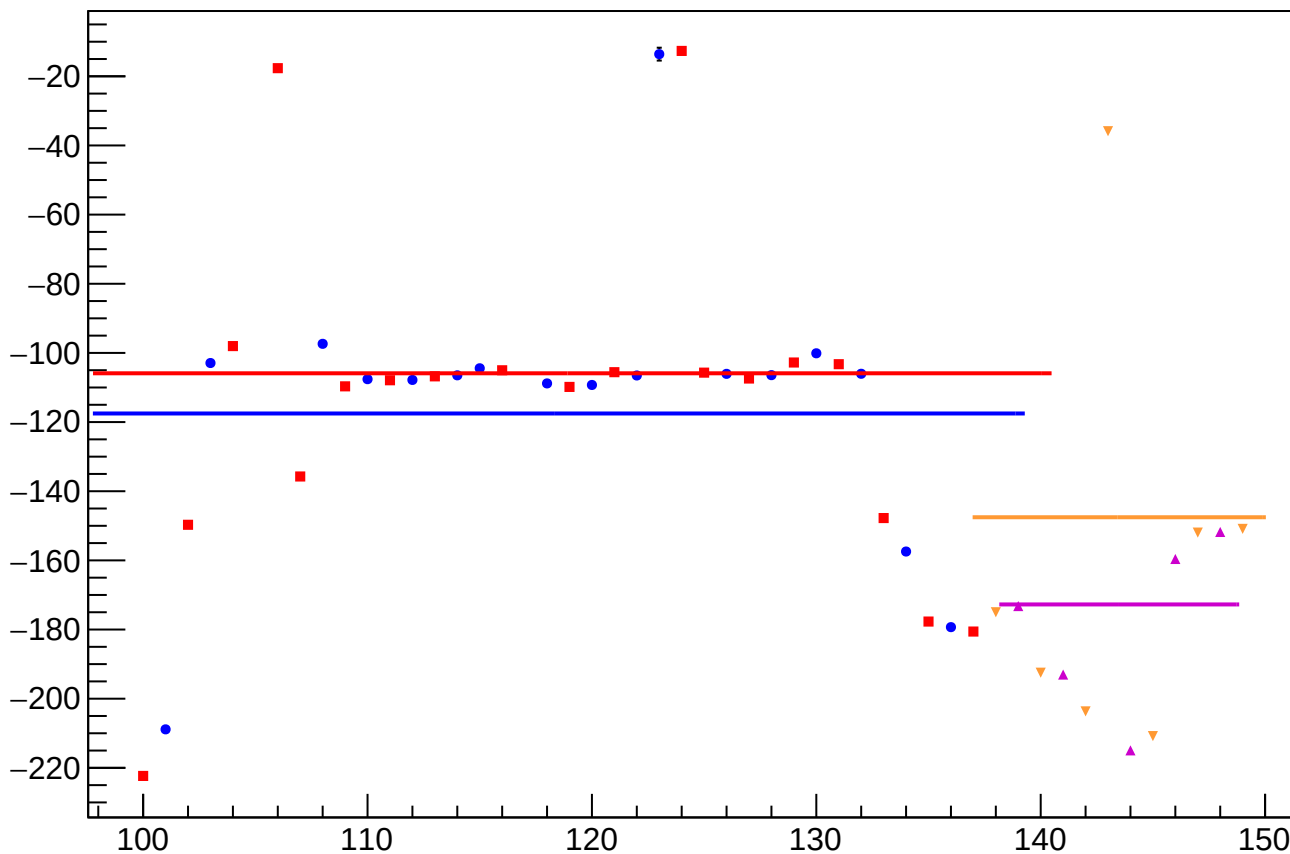
Right: 39.611 ± 0.881 χ^2/NDF : 1055.4/35

In: 46.007 ± 1.068 χ^2/NDF : 741.1/21

Out: 39.975 ± 1.009 χ^2/NDF : 806.9/25

All: 42.818 ± 0.734 χ^2/NDF : 1564.9/47

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: -147.528+/-0.091 χ^2/NDF : 399295.1/6

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

Left In: -172.741+/-0.105 χ^2/NDF : 40972.0/4

Left: -158.398+/-0.069 χ^2/NDF : 473155.3/11

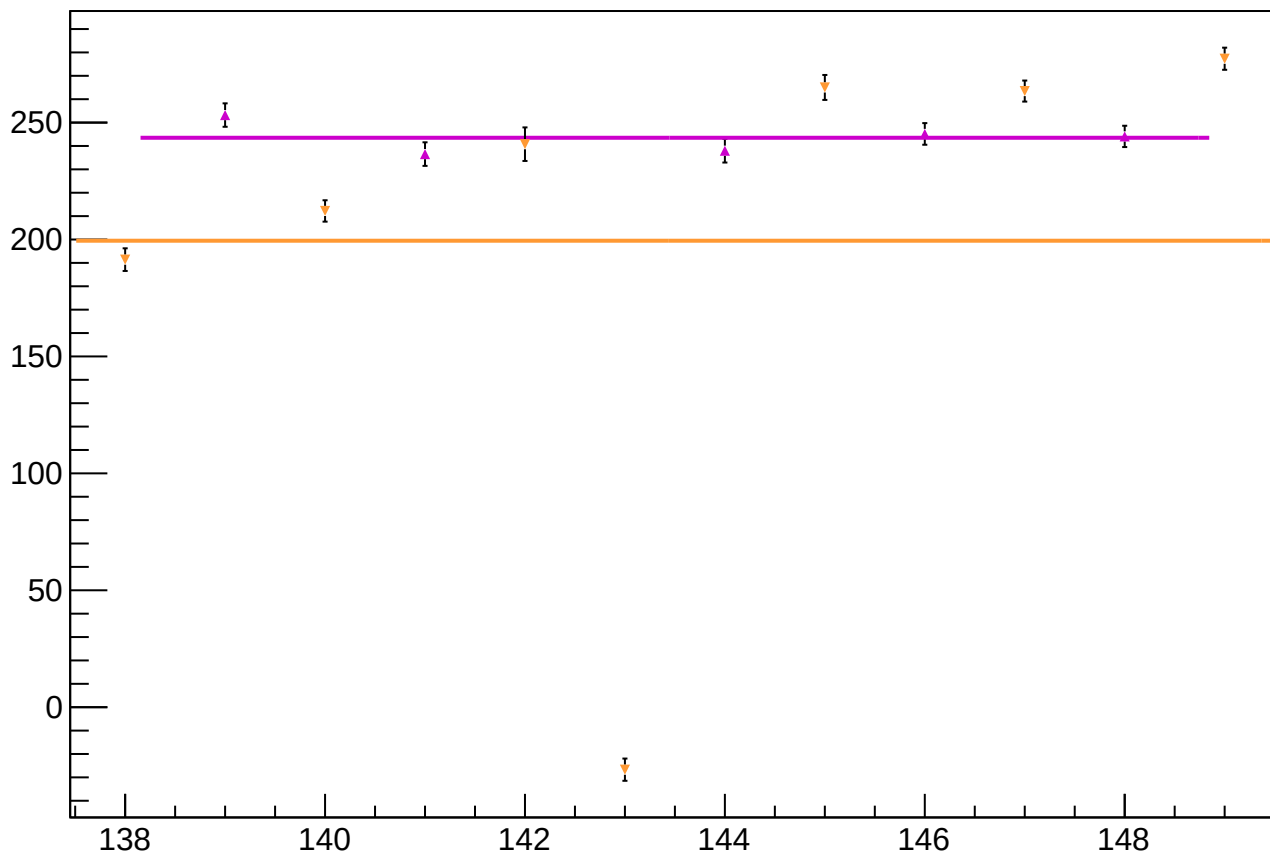
Right: -111.303+/-0.053 χ^2/NDF : 478188.8/35

In: -137.189+/-0.063 χ^2/NDF : 361553.8/21

Out: -122.079+/-0.057 χ^2/NDF : 850763.4/25

All: -128.918+/-0.042 χ^2/NDF : 1244222.2/47

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: 199.481+/-1.879 χ^2/NDF :2930.7/6

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

Left In: 243.508+/-2.166 χ^2/NDF :7.0/4

Left: 218.386+/-1.419 χ^2/NDF : 3173.5/11

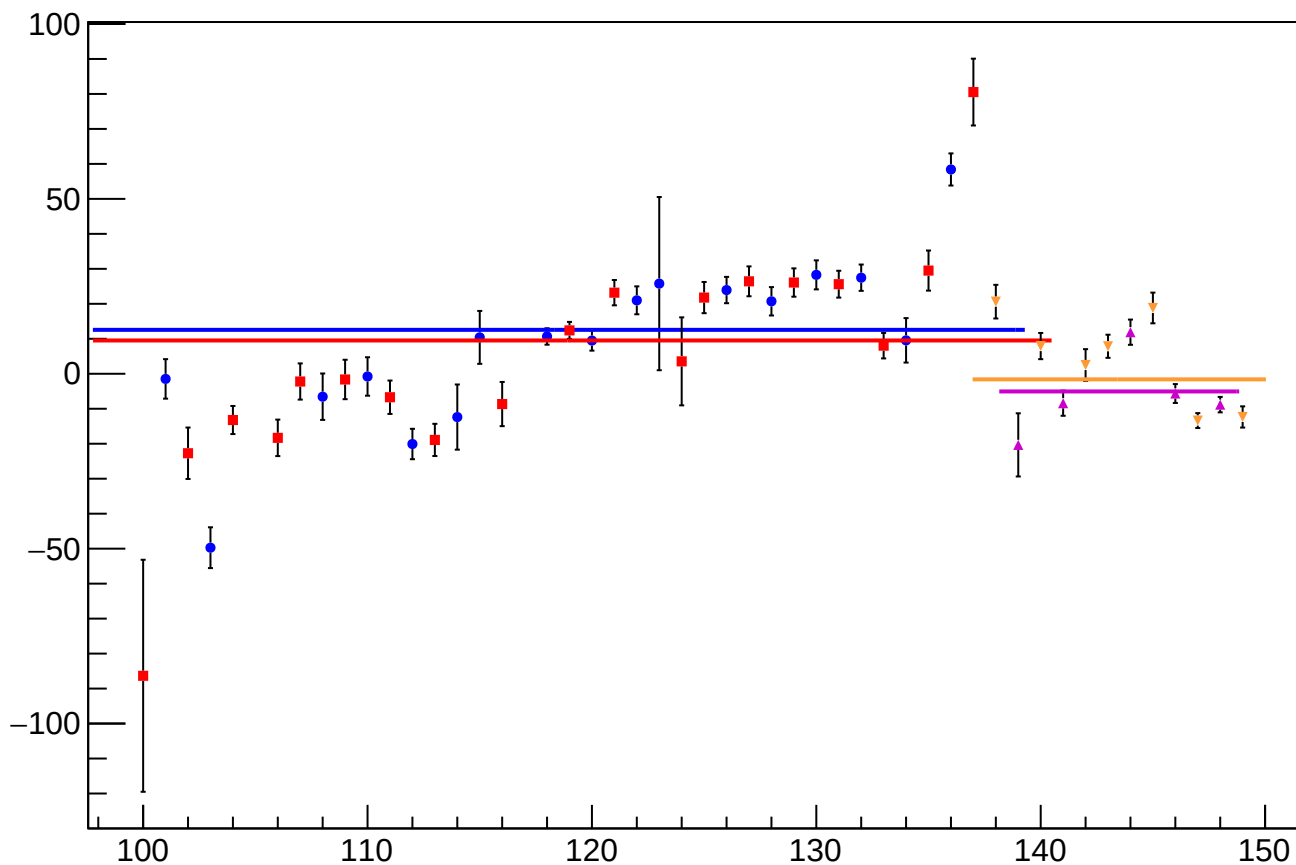
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.508+/-2.166 χ^2/NDF :7.0/4

Out: 199.481+/-1.879 χ^2/NDF :2930.7/6

All: 218.386+/-1.419 χ^2/NDF : 3173.5/11

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: -1.597 $\pm$ 1.255 χ^2 /NDF:101.5/6

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

Left In: -5.054 $\pm$ 1.402 χ^2 /NDF:28.7/4

Left: -3.134 $\pm$ 0.935 χ^2 /NDF: 133.7/11

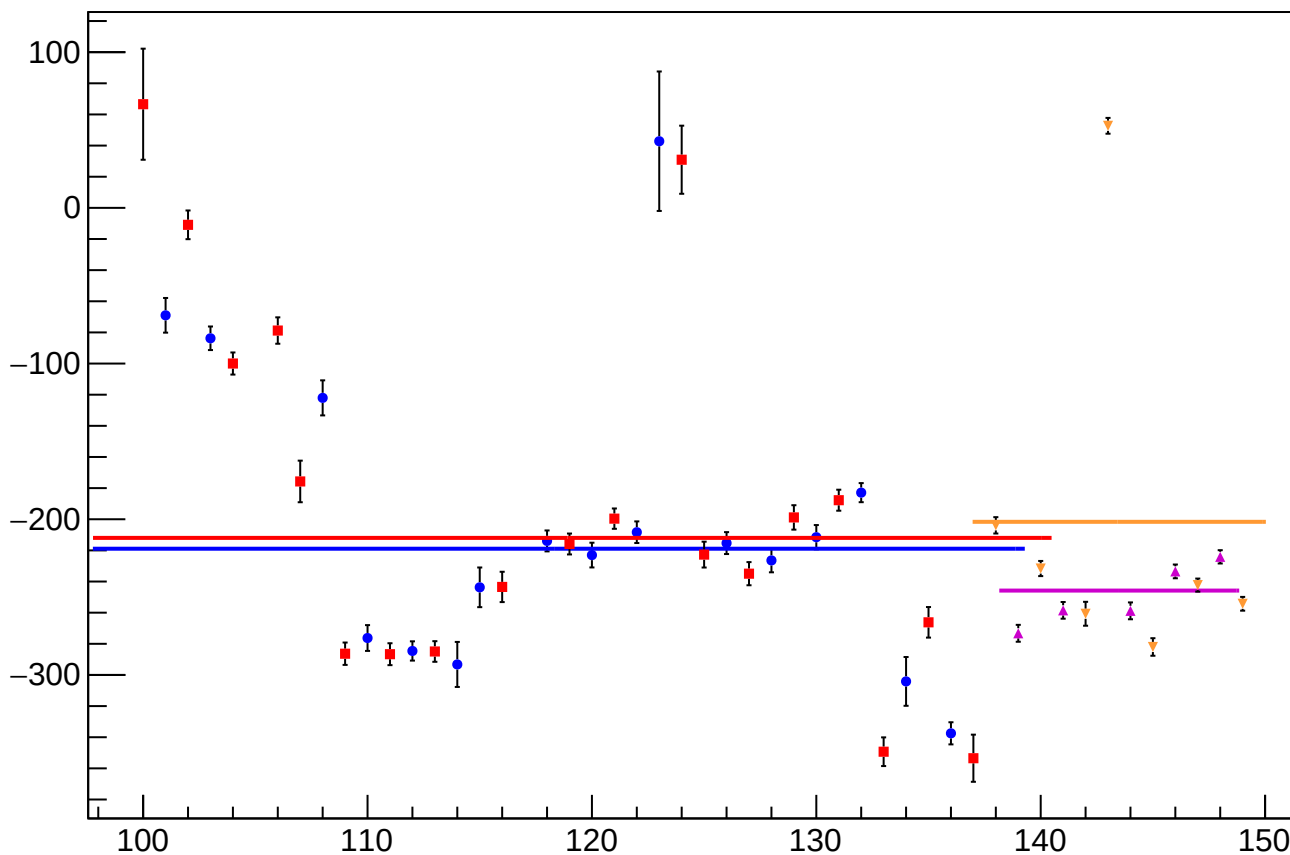
Right: 11.033 $\pm$ 0.745 χ^2 /NDF: 648.2/35

In: 6.188 $\pm$ 0.843 χ^2 /NDF:477.2/21

Out: 4.937 $\pm$ 0.805 χ^2 /NDF:443.9/25

All: 5.534 $\pm$ 0.582 χ^2 /NDF: 922.3/47

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: -201.645 ± 1.912 χ^2/NDF : 3047.5/6

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

Left In: -245.808 ± 2.188 χ^2/NDF : 70.5/4

Left: -220.773 ± 1.440 χ^2/NDF : 3349.0/11

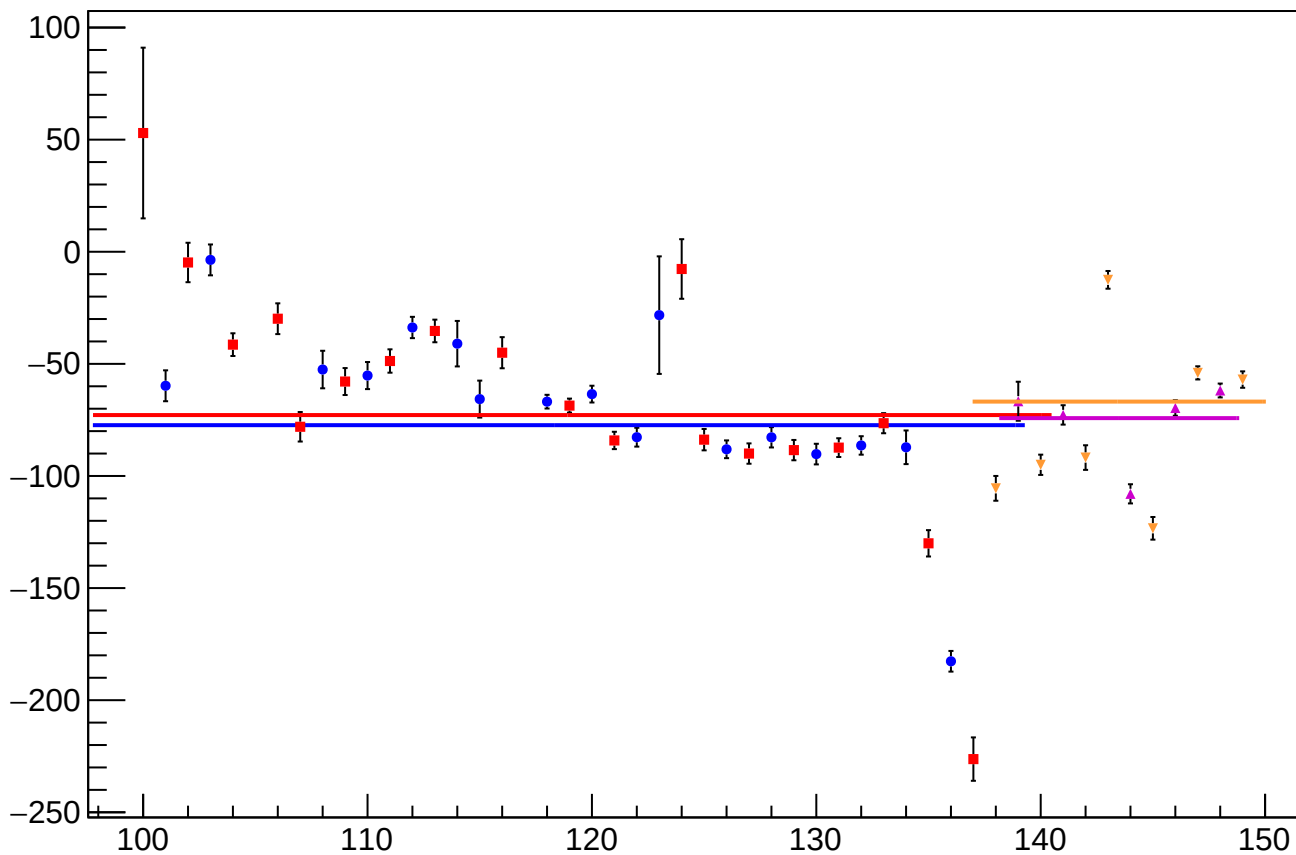
Right: -215.302 ± 1.389 χ^2/NDF : 3039.1/35

In: -231.204 ± 1.479 χ^2/NDF : 1299.2/21

Out: -206.774 ± 1.356 χ^2/NDF : 4948.2/25

All: -217.939 ± 1.000 χ^2/NDF : 6395.6/47

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 ± 1.219 $\chi^2/\text{NDF}: 817.2/16$

Left Out: -66.829 ± 1.565 $\chi^2/\text{NDF}: 448.8/6$

Right Out: -72.836 ± 1.209 $\chi^2/\text{NDF}: 672.9/18$

Left In: -74.200 ± 1.796 $\chi^2/\text{NDF}: 80.8/4$

Left: -70.010 ± 1.180 $\chi^2/\text{NDF}: 539.2/11$

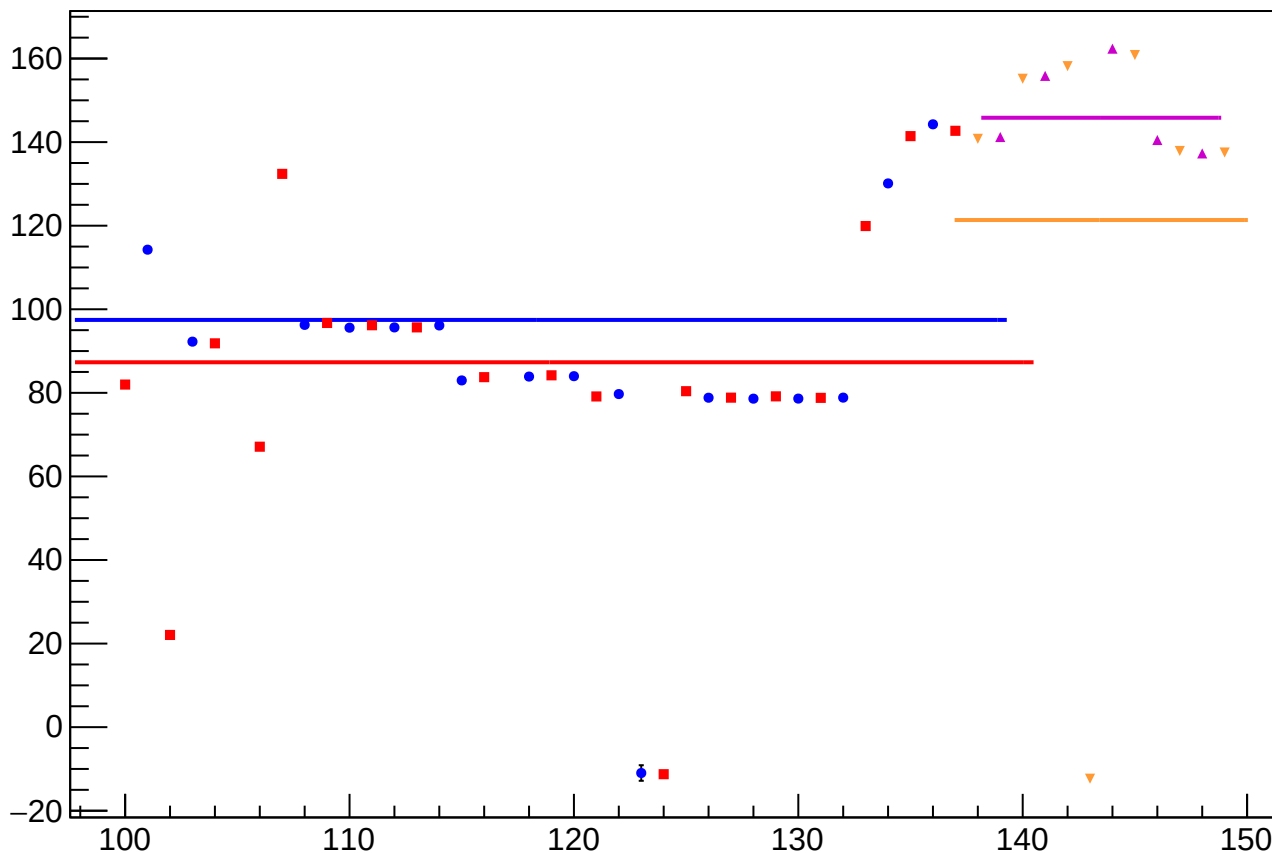
Right: -75.069 ± 0.858 $\chi^2/\text{NDF}: 1497.0/35$

In: -76.351 ± 1.009 $\chi^2/\text{NDF}: 900.1/21$

Out: -70.592 ± 0.957 $\chi^2/\text{NDF}: 1130.9/25$

All: -73.318 ± 0.694 $\chi^2/\text{NDF}: 2048.2/47$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 121.356 ± 0.081 $\chi^2/\text{NDF}: 527224.9/6$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

Left In: 145.829 ± 0.091 $\chi^2/\text{NDF}: 10464.3/4$

Left: 132.141 ± 0.061 $\chi^2/\text{NDF}: 578009.5/11$

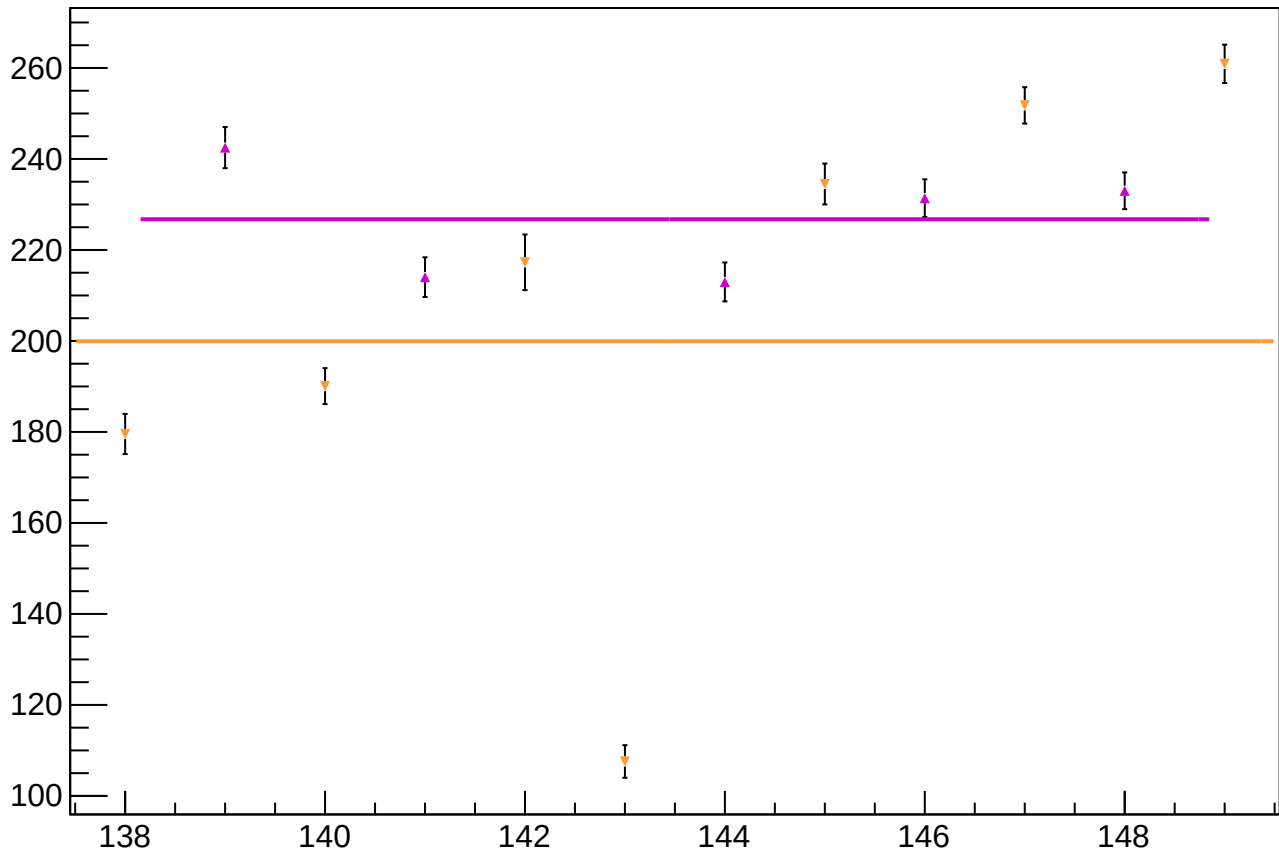
Right: 92.024 ± 0.050 $\chi^2/\text{NDF}: 326563.7/35$

In: 116.440 ± 0.057 $\chi^2/\text{NDF}: 276073.7/21$

Out: 101.466 ± 0.052 $\chi^2/\text{NDF}: 852504.3/25$

All: 108.277 ± 0.039 $\chi^2/\text{NDF}: 1166063.2/47$

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: 199.934+/-1.605 χ^2/NDF :1136.7/6

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

Left In: 226.752+/-1.904 χ^2/NDF :34.7/4

Left: 211.071+/-1.227 χ^2/NDF : 1287.3/11

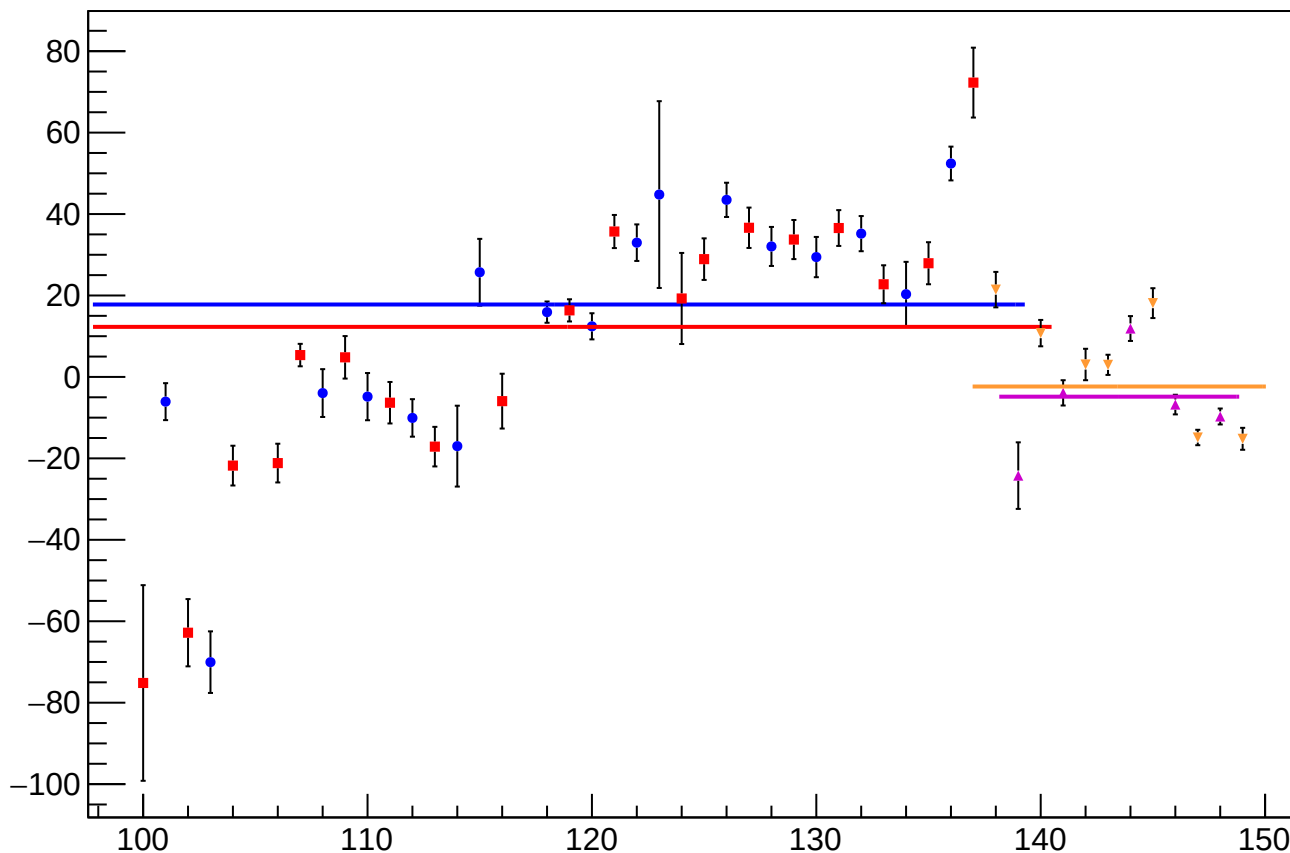
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.752+/-1.904 χ^2/NDF :34.7/4

Out: 199.934+/-1.605 χ^2/NDF :1136.7/6

All: 211.071+/-1.227 χ^2/NDF : 1287.3/11

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: -2.353 $\pm$ 1.073 χ^2 /NDF:150.5/6

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

Left In: -4.848 $\pm$ 1.232 χ^2 /NDF:42.6/4

Left: -3.429 $\pm$ 0.809 χ^2 /NDF: 195.4/11

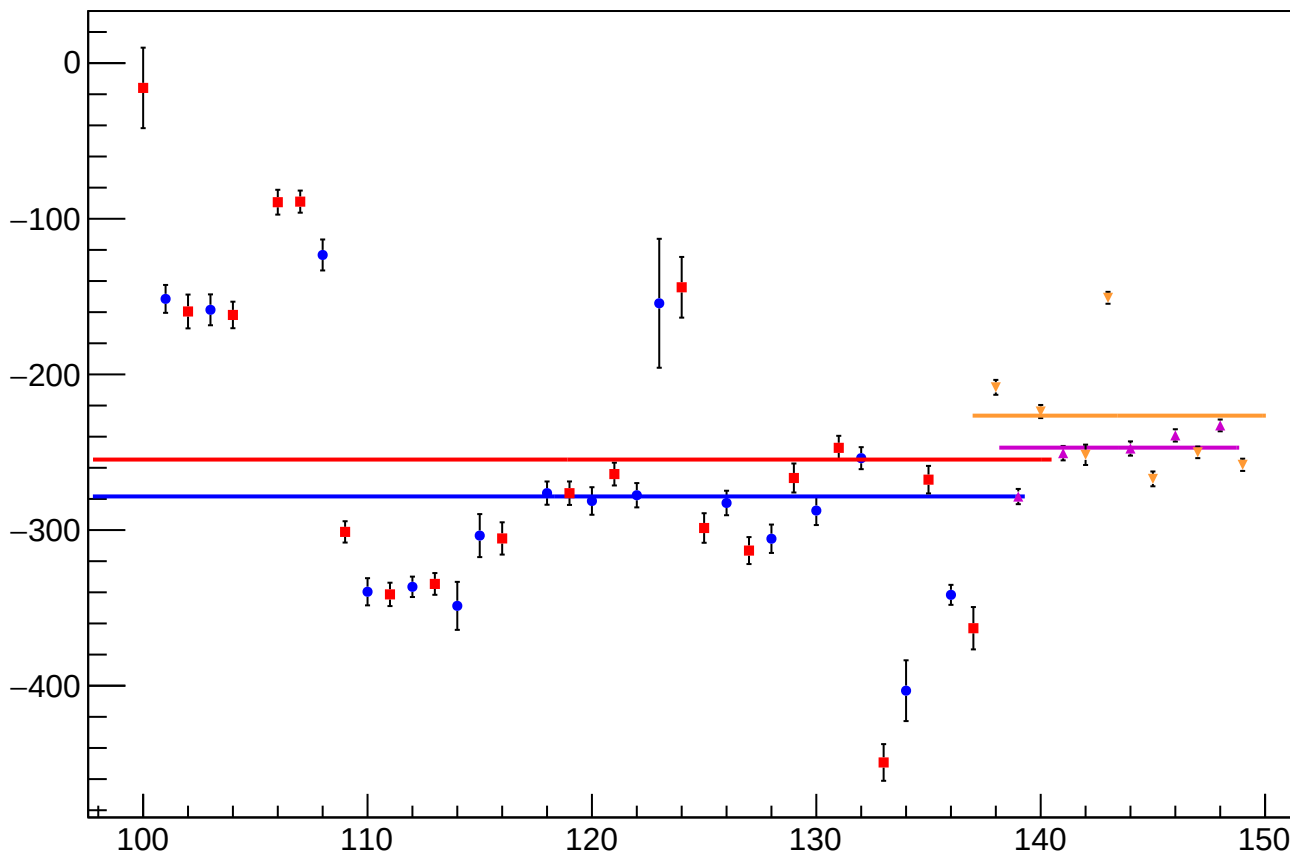
Right: 14.891 $\pm$ 0.788 χ^2 /NDF: 850.9/35

In: 7.283 $\pm$ 0.839 χ^2 /NDF:618.6/21

Out: 4.879 $\pm$ 0.763 χ^2 /NDF:686.3/25

All: 5.967 $\pm$ 0.565 χ^2 /NDF: 1309.4/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393 ± 2.168 $\chi^2/\text{NDF}: 910.5/16$

Left Out: -226.485 ± 1.639 $\chi^2/\text{NDF}: 598.2/6$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

Left In: -247.051 ± 1.926 $\chi^2/\text{NDF}: 59.9/4$

Left: -235.126 ± 1.248 $\chi^2/\text{NDF}: 724.3/11$

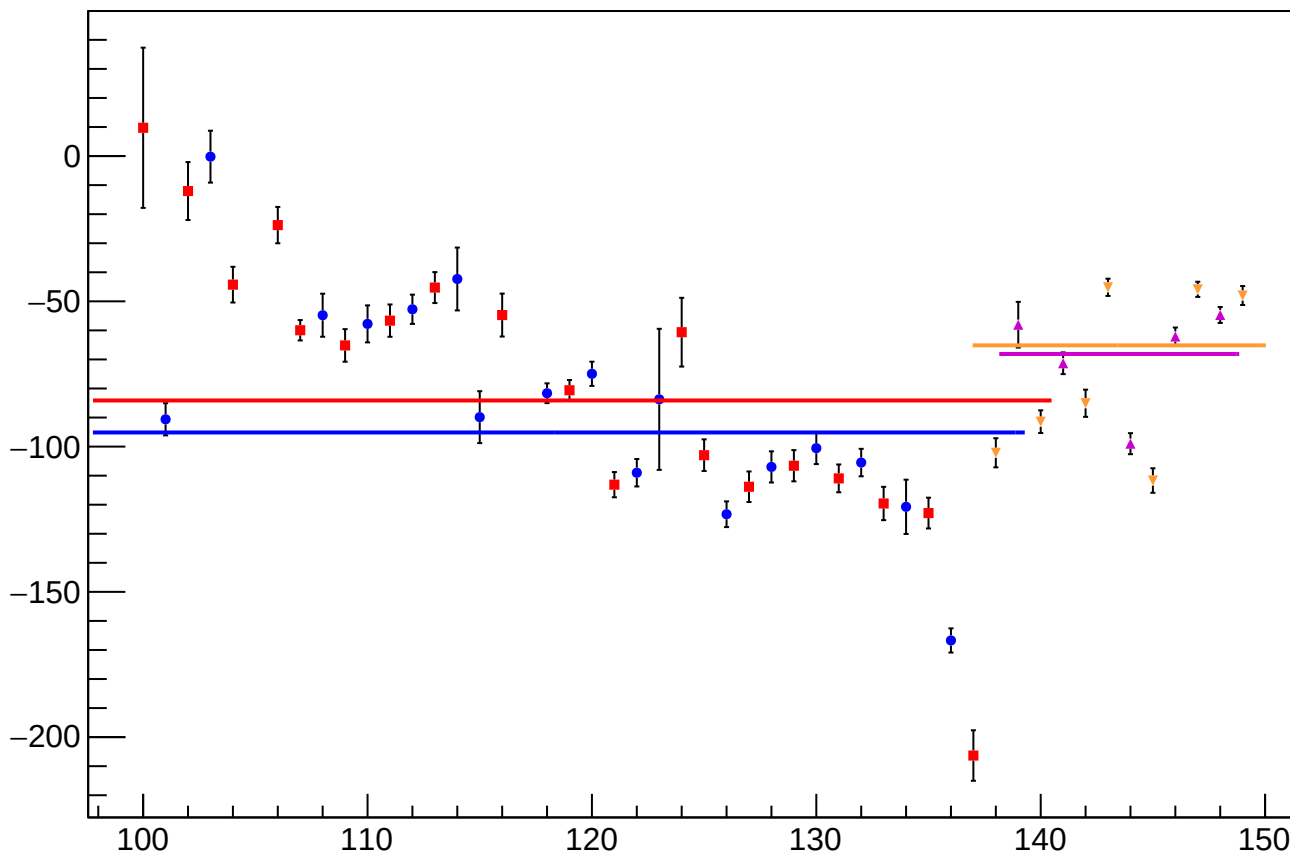
Right: -265.715 ± 1.478 $\chi^2/\text{NDF}: 3013.0/35$

In: -260.875 ± 1.440 $\chi^2/\text{NDF}: 1087.3/21$

Out: -237.688 ± 1.273 $\chi^2/\text{NDF}: 2754.4/25$

All: -247.861 ± 0.954 $\chi^2/\text{NDF}: 3987.3/47$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -65.153 ± 1.335 χ^2/NDF : 366.8/6

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

Left In: -68.128 ± 1.577 χ^2/NDF : 103.0/4

Left: -66.395 ± 1.019 χ^2/NDF : 471.8/11

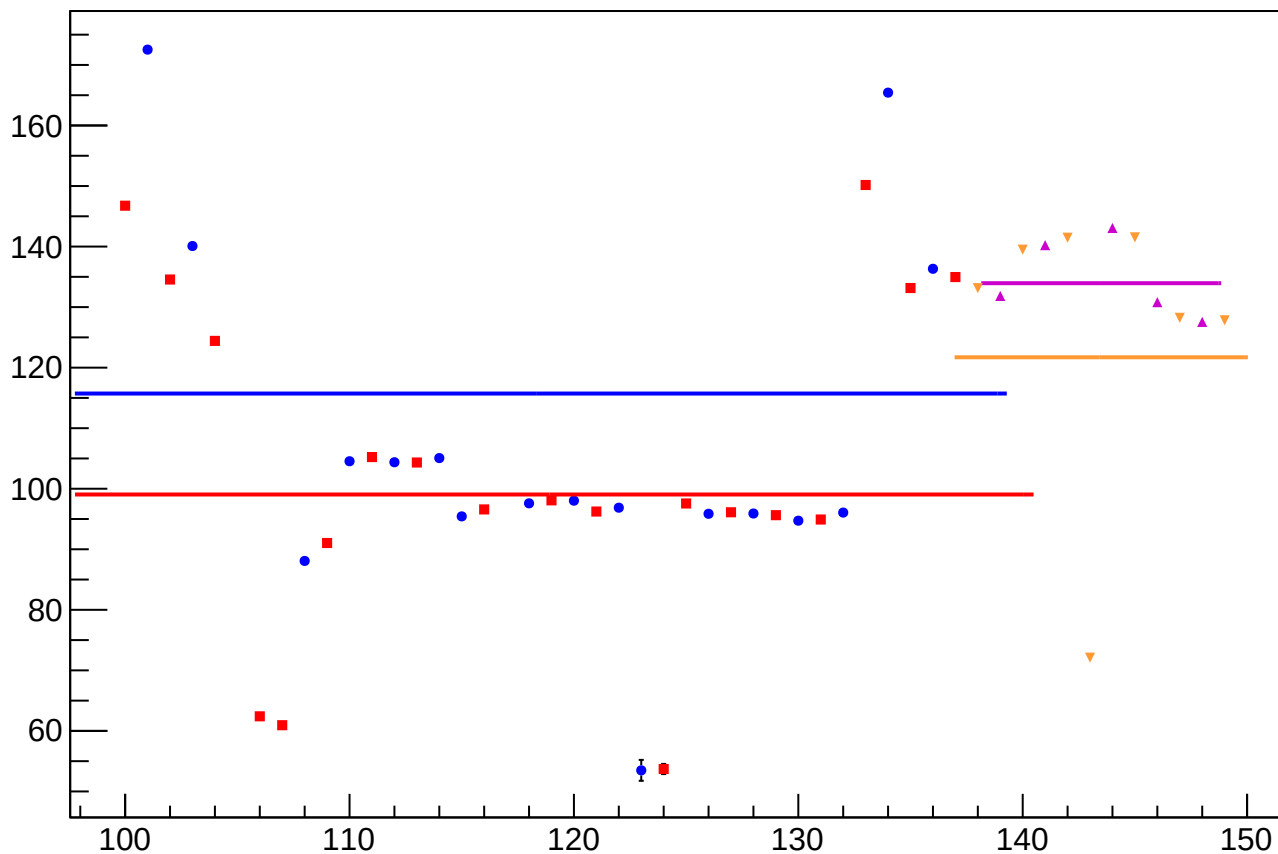
Right: -89.357 ± 0.912 χ^2/NDF : 1494.2/35

In: -83.981 ± 1.013 χ^2/NDF : 950.1/21

Out: -75.193 ± 0.916 χ^2/NDF : 1256.6/25

All: -79.144 ± 0.679 χ^2/NDF : 2248.1/47

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: 121.713 $\pm$ 0.069 χ^2 /NDF:137017.3/6

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

Left In: 133.950 $\pm$ 0.080 χ^2 /NDF:5198.5/4

Left: 126.918 $\pm$ 0.052 χ^2 /NDF: 155535.2/11

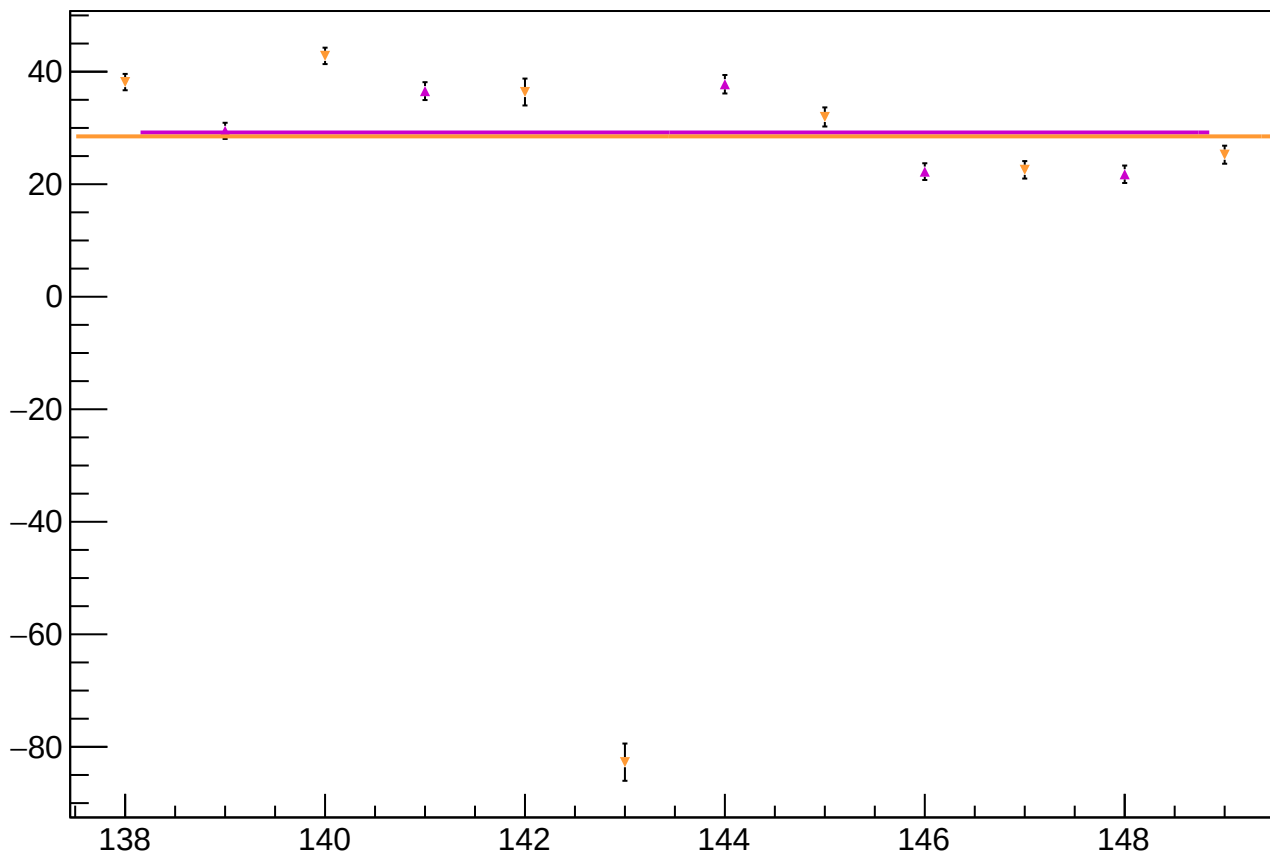
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 124.561 $\pm$ 0.056 χ^2 /NDF:138075.3/21

Out: 110.273 $\pm$ 0.049 χ^2 /NDF:364686.0/25

All: 116.425 $\pm$ 0.037 χ^2 /NDF: 539871.7/47

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: 28.500+/-0.651 χ^2/NDF :1302.9/6

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

Left In: 29.192+/-0.686 χ^2/NDF :93.6/4

Left: 28.828+/-0.472 χ^2/NDF : 1397.1/11

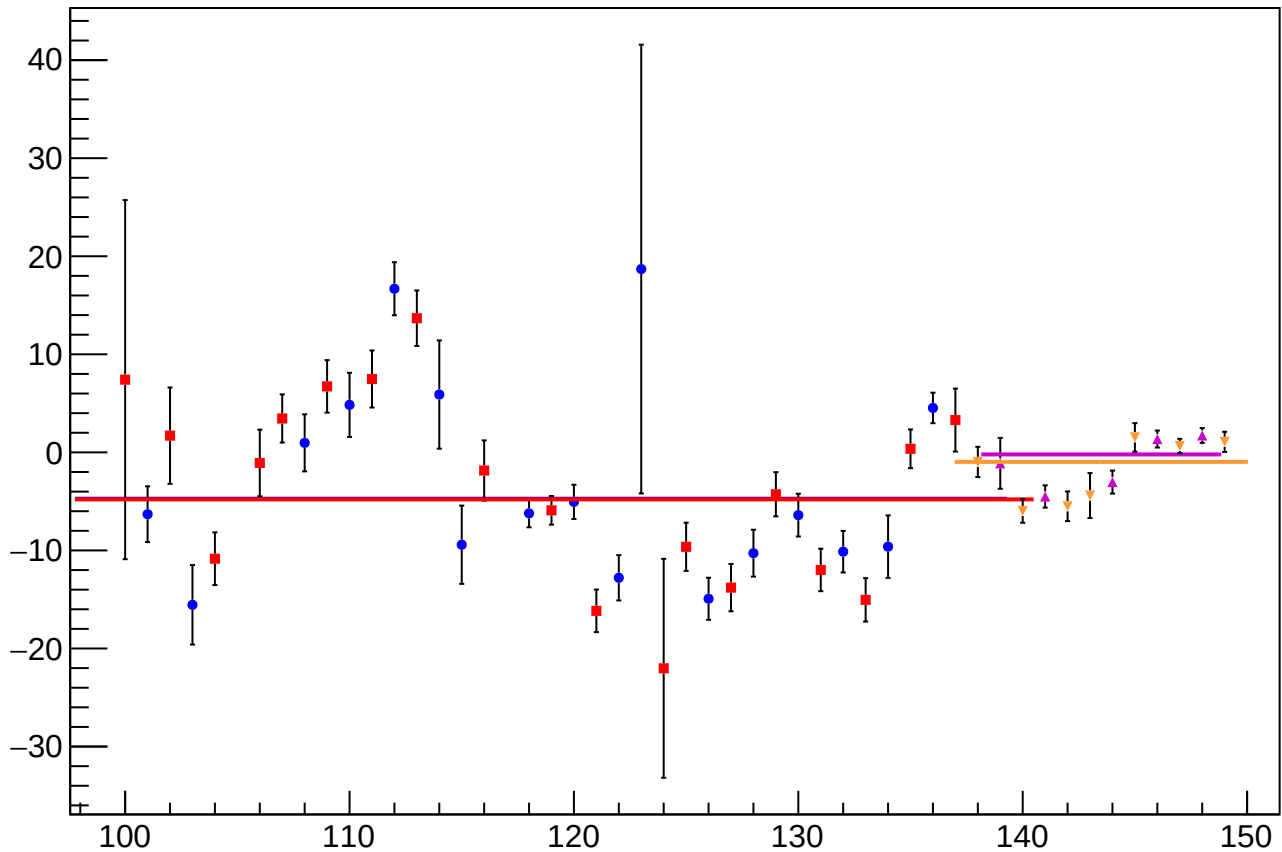
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.192+/-0.686 χ^2/NDF :93.6/4

Out: 28.500+/-0.651 χ^2/NDF :1302.9/6

All: 28.828+/-0.472 χ^2/NDF : 1397.1/11

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: -0.969 ± 0.448 χ^2/NDF : 40.2/6

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: -0.210 ± 0.459 χ^2/NDF : 29.9/4

Left: -0.600 ± 0.321 χ^2/NDF : 71.5/11

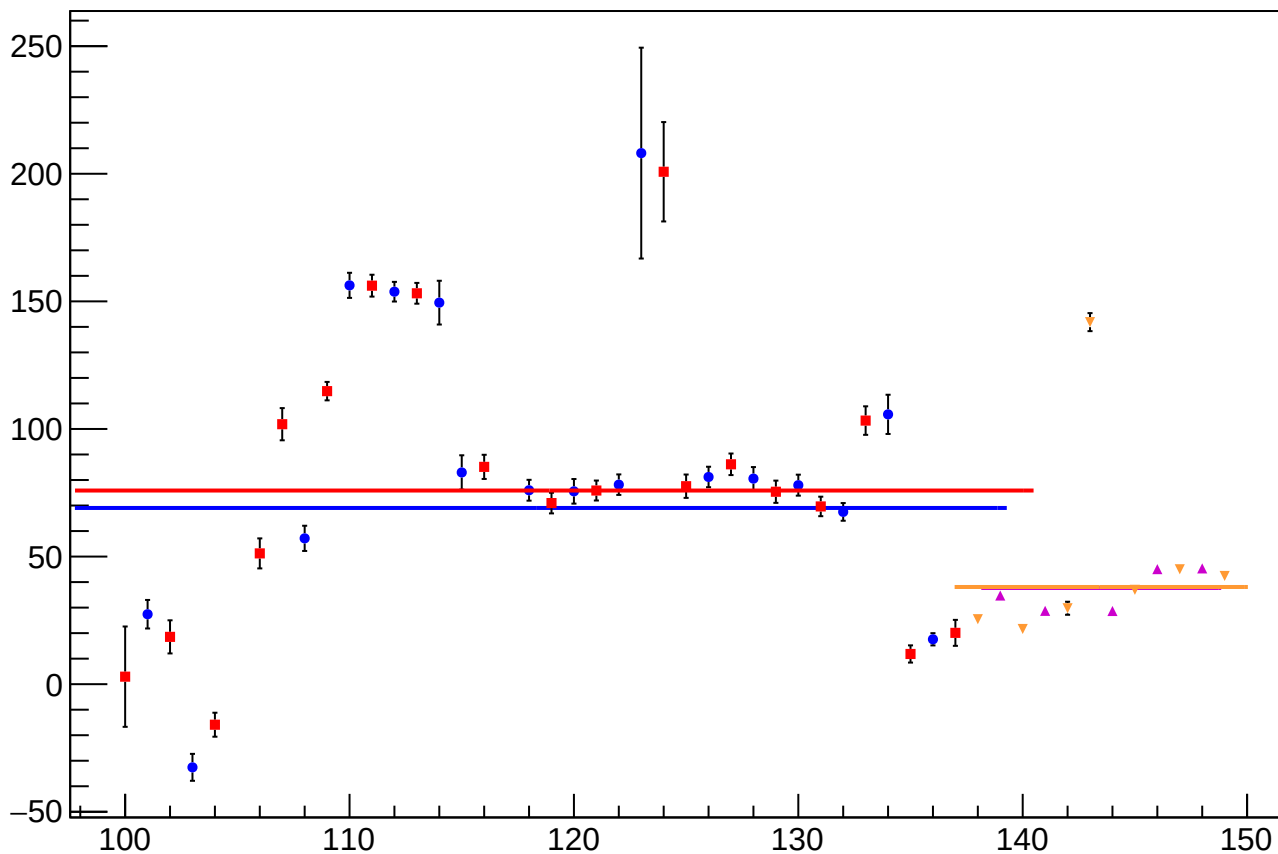
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -1.954 ± 0.360 χ^2/NDF : 242.1/21

Out: -2.379 ± 0.356 χ^2/NDF : 260.5/25

All: -2.169 ± 0.253 χ^2/NDF : 503.4/47

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 38.083 $\pm$ 0.661 χ^2 /NDF:1081.2/6

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

Left In: 37.692 $\pm$ 0.697 χ^2 /NDF:113.0/4

Left: 37.898 $\pm$ 0.479 χ^2 /NDF: 1194.4/11

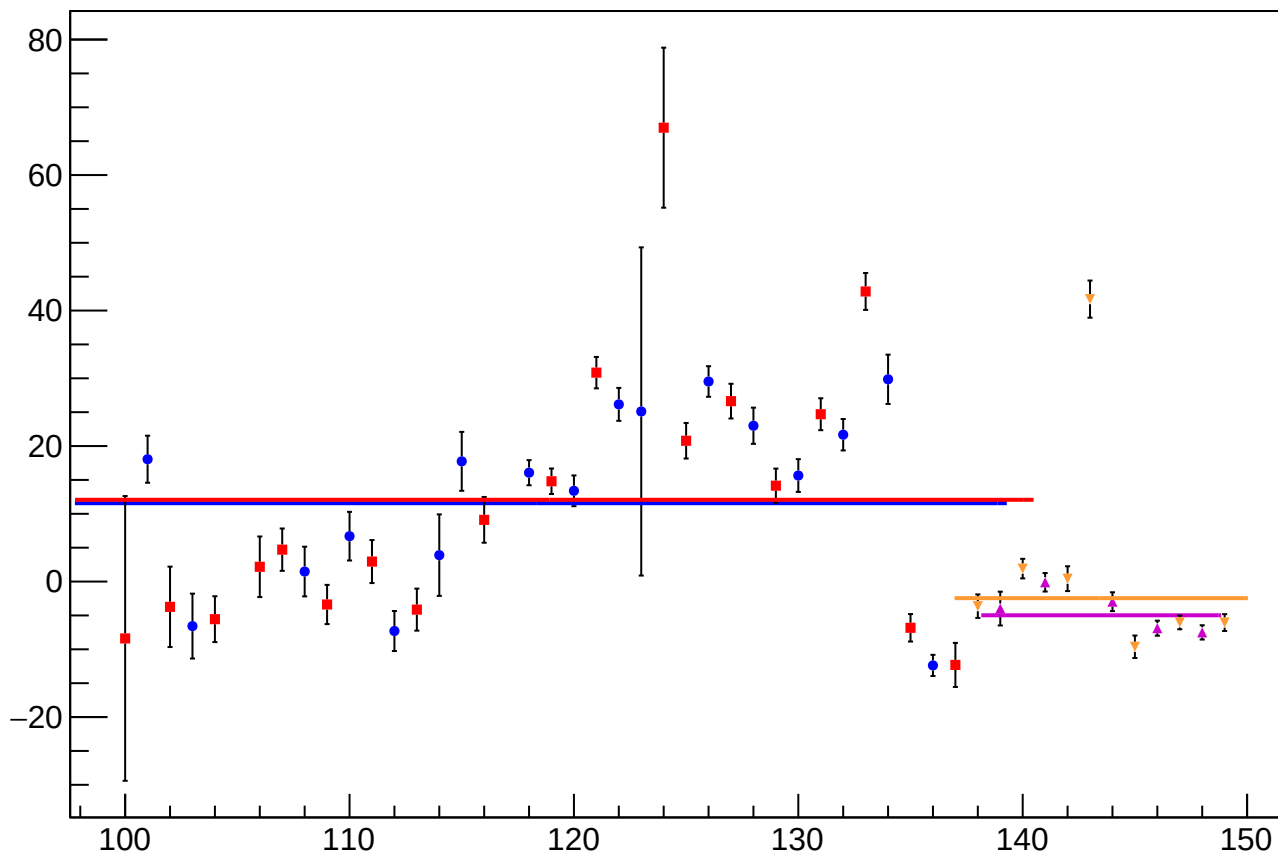
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 46.947 $\pm$ 0.585 χ^2 /NDF:2558.7/21

Out: 48.528 $\pm$ 0.562 χ^2 /NDF:3879.9/25

All: 47.769 $\pm$ 0.405 χ^2 /NDF: 6442.5/47

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -2.448 $\pm$ 0.557 χ^2 /NDF:310.5/6

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

Left In: -4.977 $\pm$ 0.585 χ^2 /NDF:23.6/4

Left: -3.651 $\pm$ 0.403 χ^2 /NDF: 344.0/11

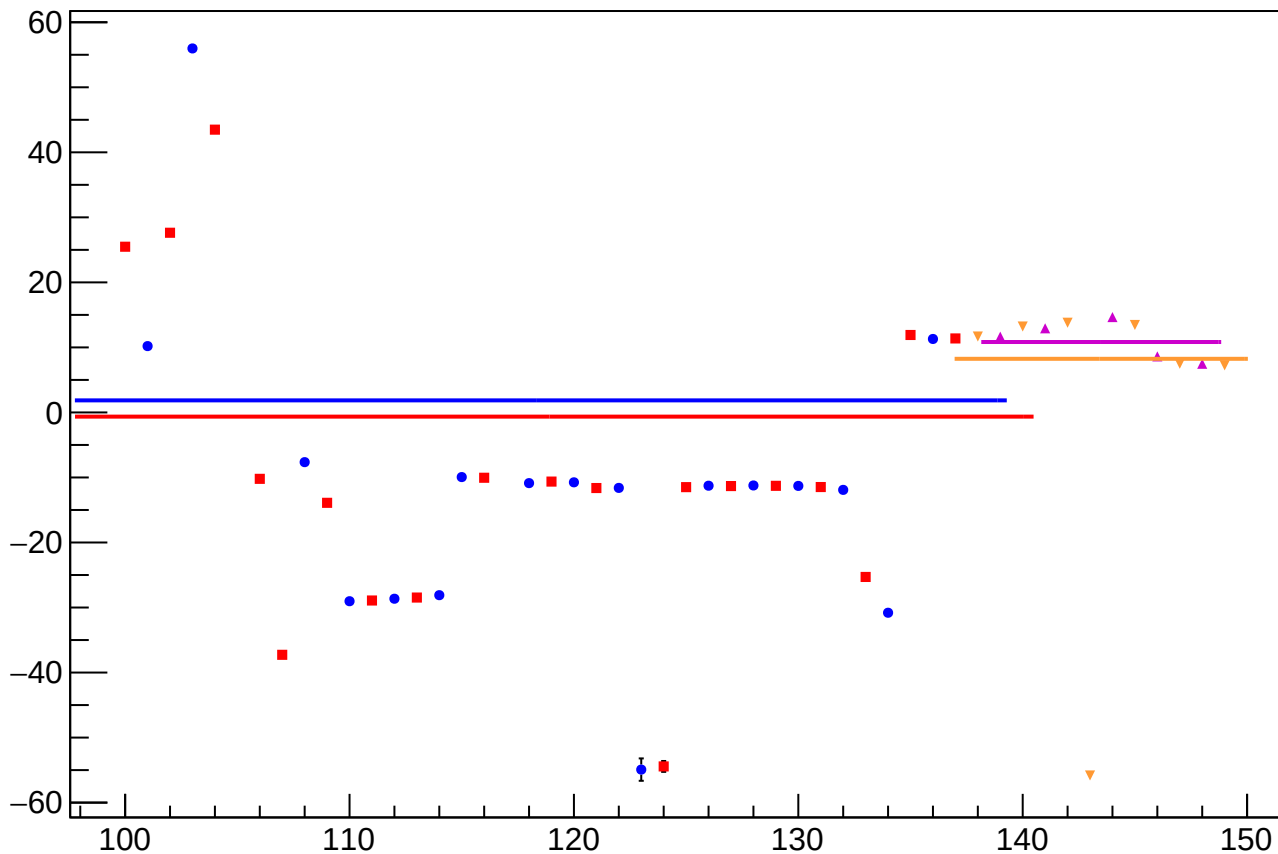
Right: 11.816 $\pm$ 0.468 χ^2 /NDF: 1021.8/35

In: 2.319 $\pm$ 0.437 χ^2 /NDF:854.9/21

Out: 3.545 $\pm$ 0.427 χ^2 /NDF:1134.1/25

All: 2.947 $\pm$ 0.305 χ^2 /NDF: 1993.0/47

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 $\pm$ 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.247 $\pm$ 0.028 χ^2/NDF :222242.9/6

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361625.7/18

Left In: 10.831 $\pm$ 0.029 χ^2/NDF :7717.0/4

Left: 9.499 $\pm$ 0.020 χ^2/NDF : 234127.6/11

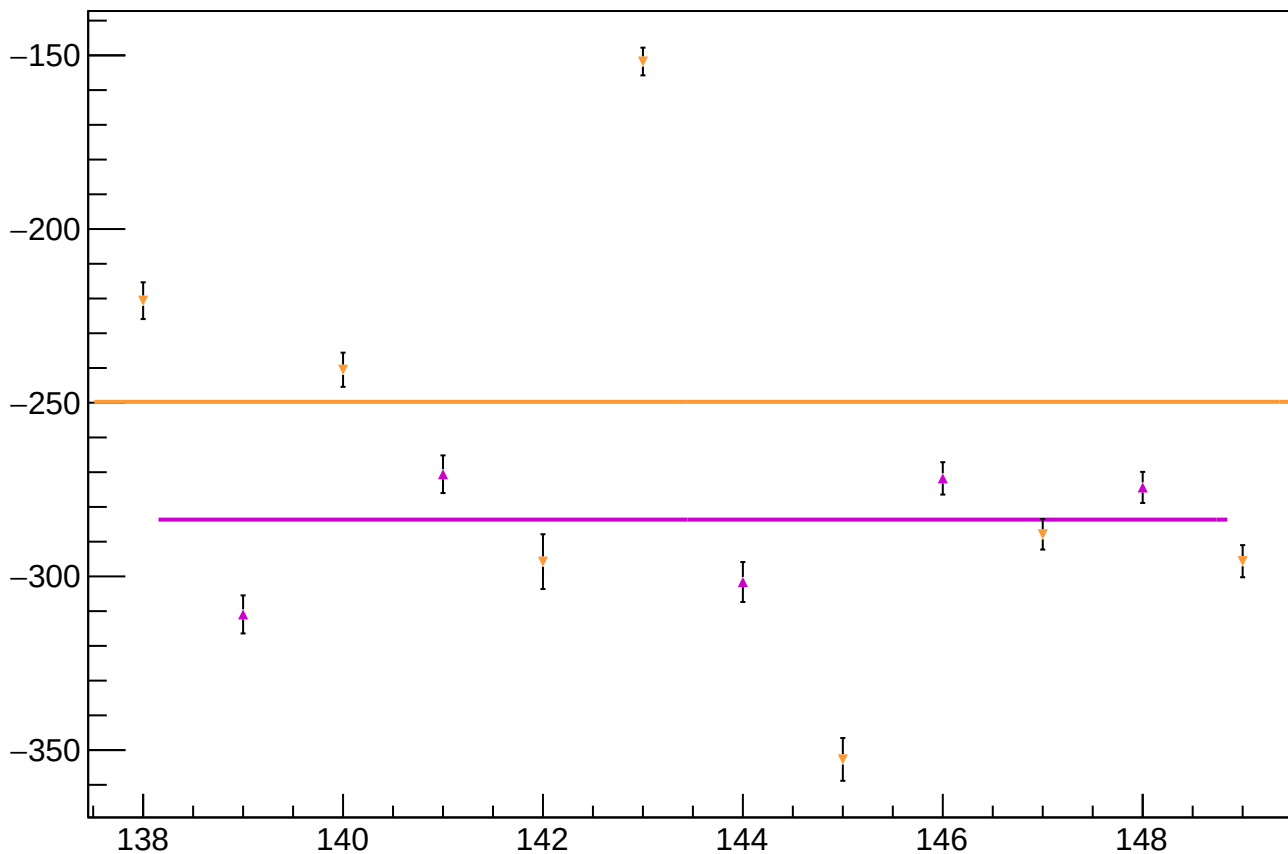
Right: 0.608 $\pm$ 0.026 χ^2/NDF : 723318.4/35

In: 7.454 $\pm$ 0.023 χ^2/NDF :403841.9/21

Out: 5.035 $\pm$ 0.022 χ^2/NDF :620648.7/25

All: 6.222 $\pm$ 0.016 χ^2/NDF : 1030279.2/47

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: -249.742+/-1.887 χ^2/NDF :1124.2/6

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

Left In: -283.651+/-2.274 χ^2/NDF :51.1/4

Left: -263.567+/-1.452 χ^2/NDF : 1307.0/11

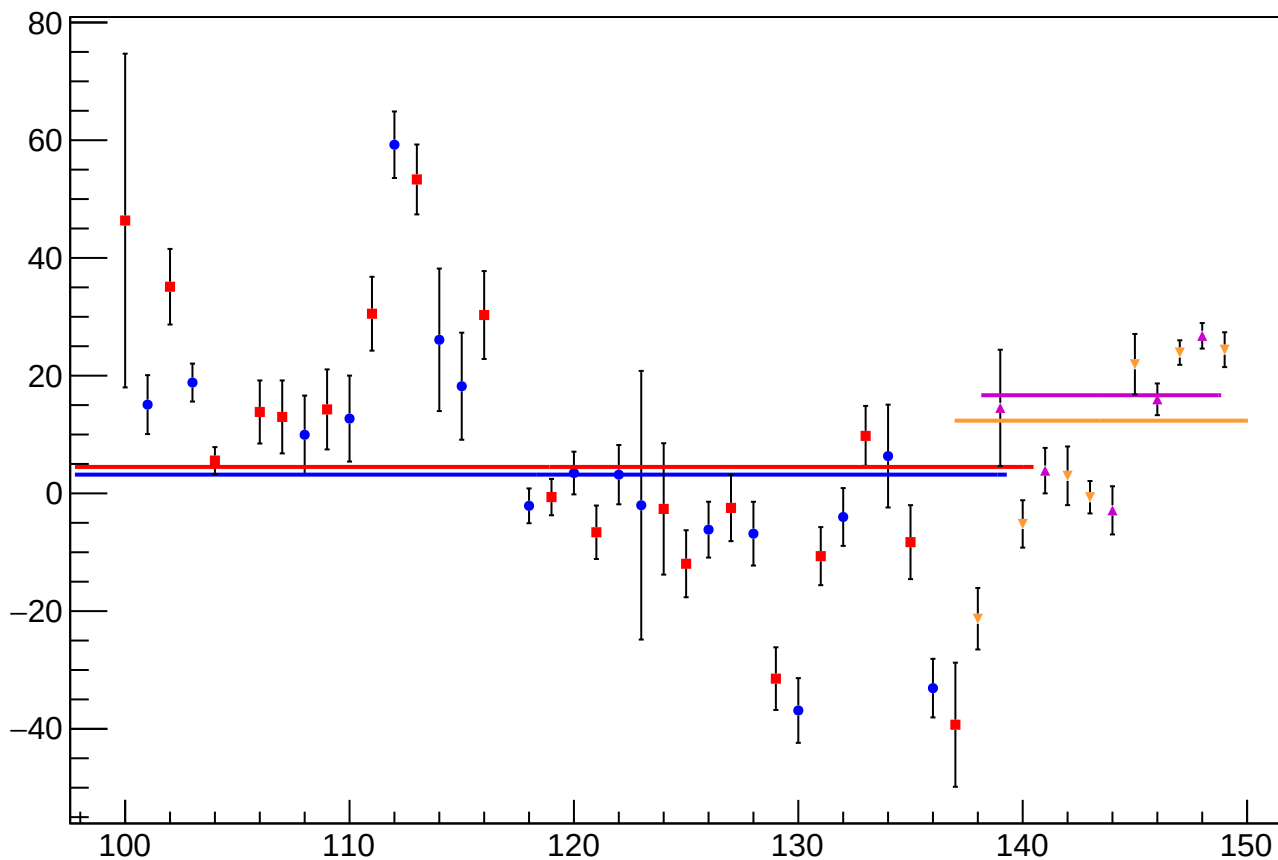
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -283.651+/-2.274 χ^2/NDF :51.1/4

Out: -249.742+/-1.887 χ^2/NDF :1124.2/6

All: -263.567+/-1.452 χ^2/NDF : 1307.0/11

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 12.355 ± 1.237 χ^2/NDF : 137.2/6

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

Left In: 16.676 ± 1.433 χ^2/NDF : 55.6/4

Left: 14.201 ± 0.936 χ^2/NDF : 198.0/11

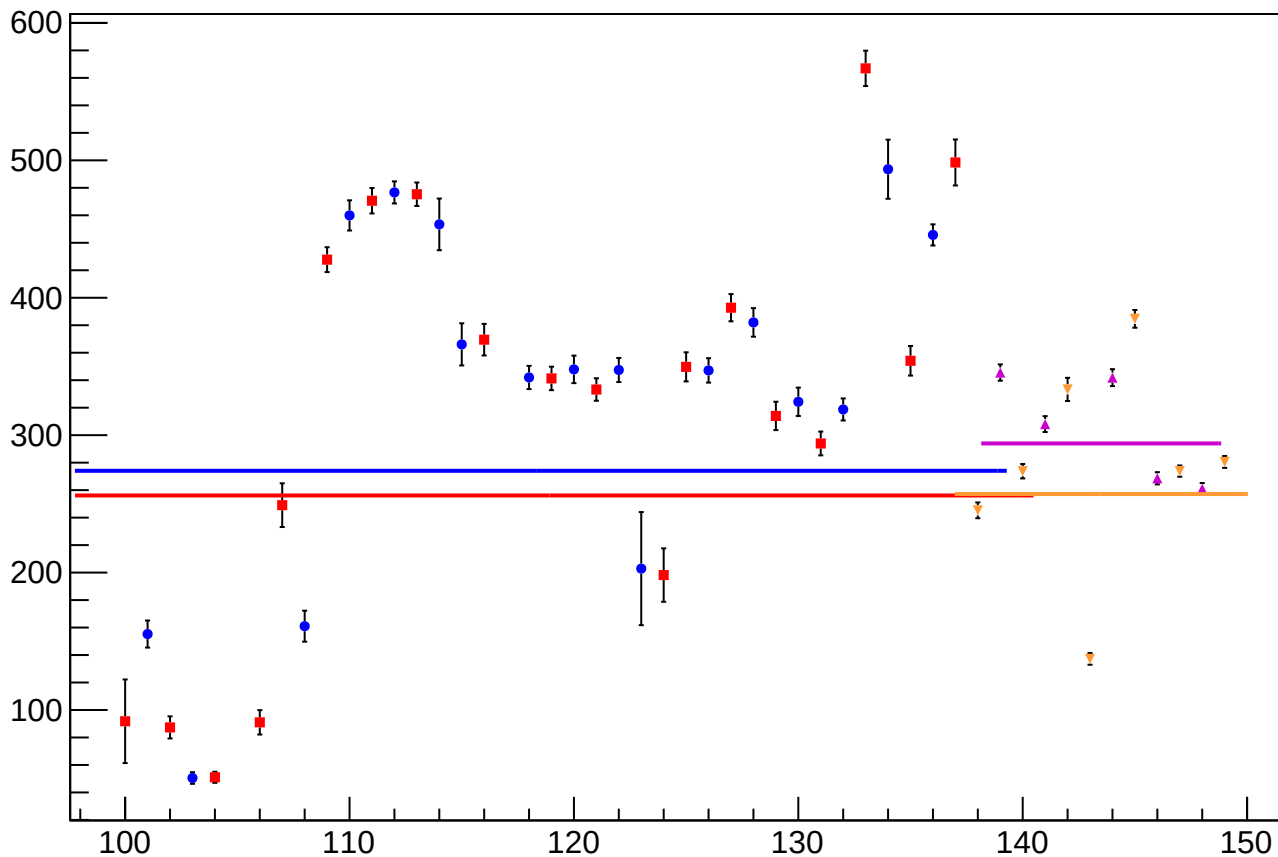
Right: 3.879 ± 0.842 χ^2/NDF : 481.7/35

In: 8.886 ± 0.931 χ^2/NDF : 362.4/21

Out: 8.171 ± 0.846 χ^2/NDF : 384.1/25

All: 8.495 ± 0.626 χ^2/NDF : 746.8/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 257.148+/-1.914 χ^2/NDF :1325.0/6

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 293.981+/-2.282 χ^2/NDF :236.4/4

Left: 272.364+/-1.467 χ^2/NDF : 1714.3/11

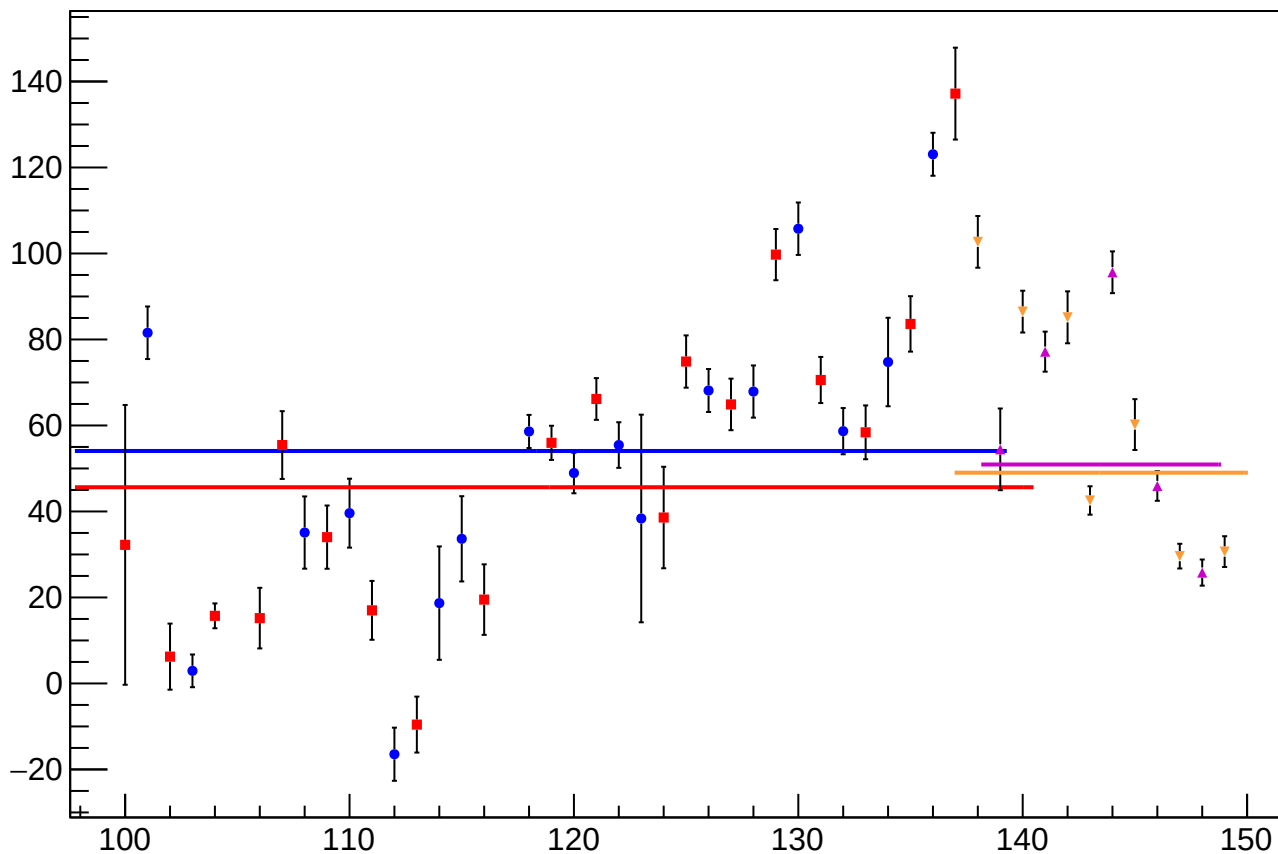
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 283.626+/-1.580 χ^2/NDF :5388.0/21

Out: 256.671+/-1.409 χ^2/NDF :7769.2/25

All: 268.605+/-1.052 χ^2/NDF : 13319.2/47

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: 49.019 $\pm$ 1.548 χ^2 /NDF:254.2/6

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 50.922 $\pm$ 1.851 χ^2 /NDF:187.2/4

Left: 49.803 $\pm$ 1.188 χ^2 /NDF: 442.1/11

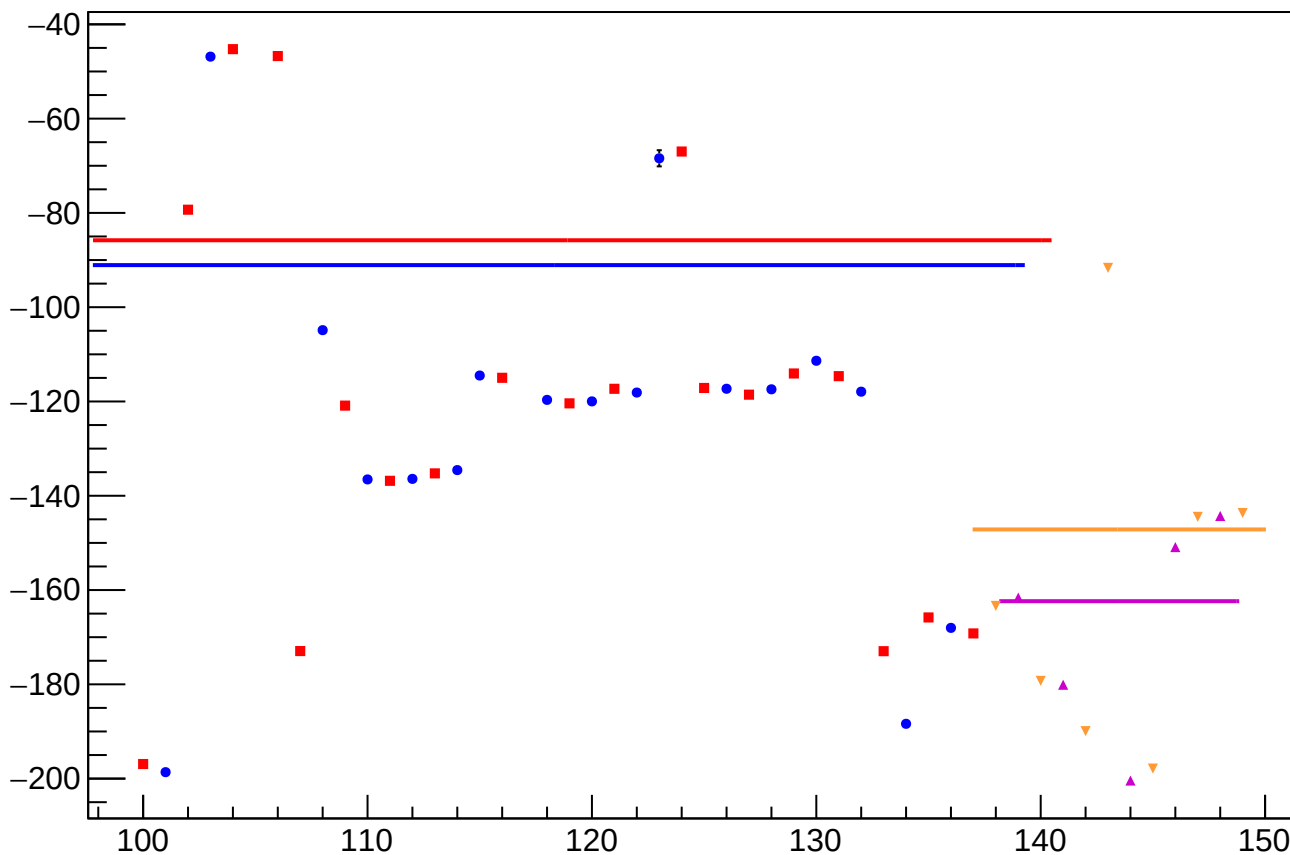
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 52.900 $\pm$ 1.127 χ^2 /NDF:823.4/21

Out: 47.109 $\pm$ 1.021 χ^2 /NDF:787.7/25

All: 49.721 $\pm$ 0.757 χ^2 /NDF: 1625.7/47

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -147.146 ± 0.081 $\chi^2/\text{NDF}: 186180.3/6$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

Left In: -162.363 ± 0.096 $\chi^2/\text{NDF}: 38910.4/4$

Left: -153.530 ± 0.062 $\chi^2/\text{NDF}: 239819.9/11$

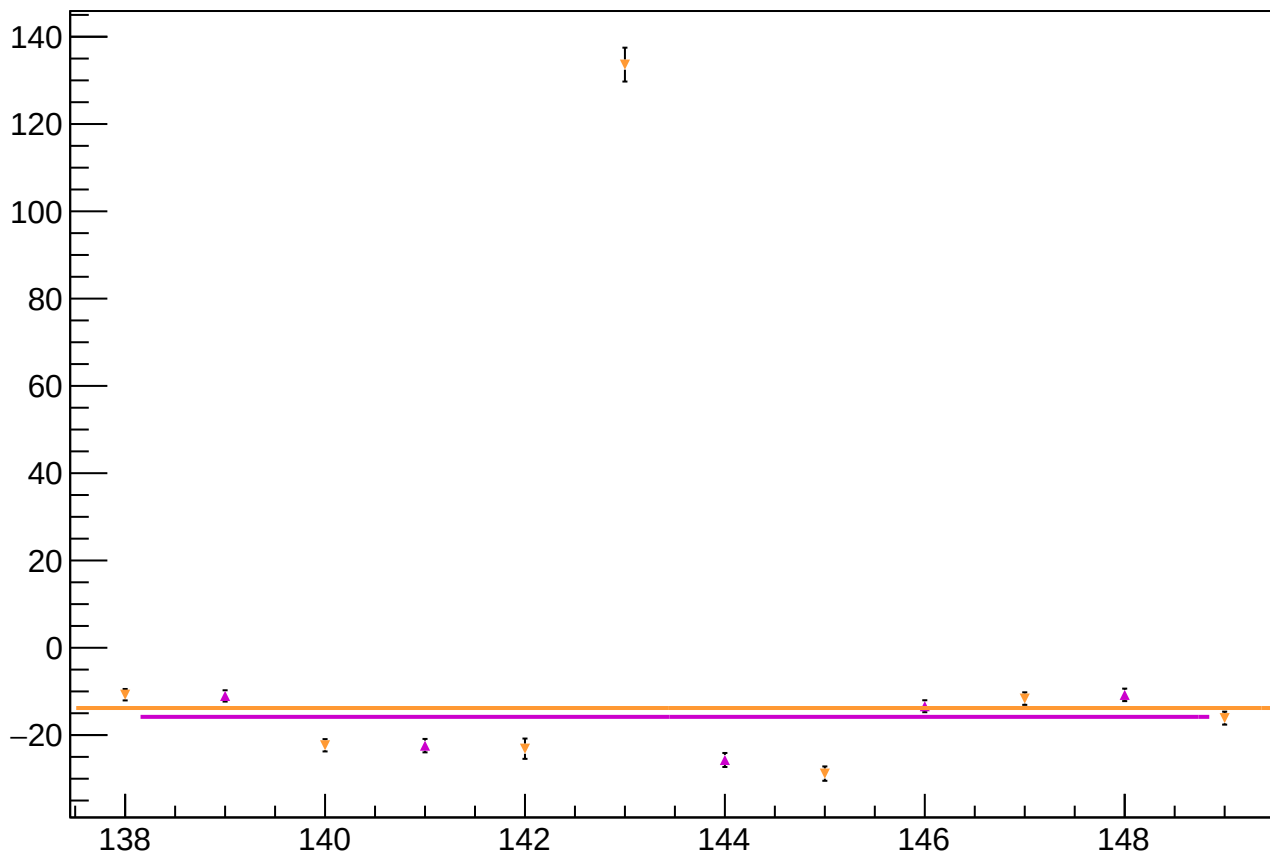
Right: -88.339 ± 0.047 $\chi^2/\text{NDF}: 1033703.0/35$

In: -114.829 ± 0.055 $\chi^2/\text{NDF}: 944912.0/21$

Out: -109.775 ± 0.051 $\chi^2/\text{NDF}: 1029690.6/25$

All: -112.093 ± 0.037 $\chi^2/\text{NDF}: 1979148.5/47$

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: -13.800+/-0.615 χ^2/NDF :1588.7/6

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

Left In: -15.828+/-0.642 χ^2/NDF :85.4/4

Left: -14.771+/-0.444 χ^2/NDF : 1679.3/11

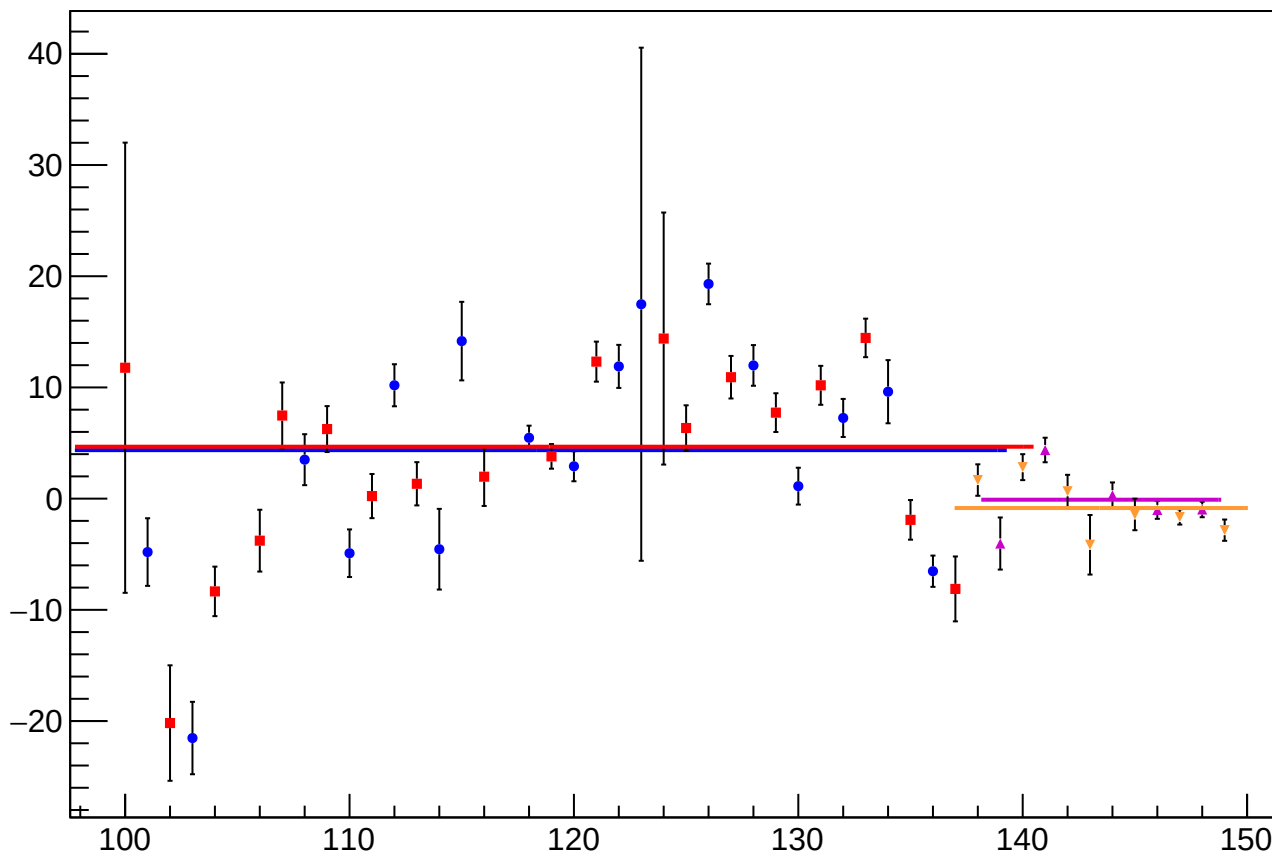
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.828+/-0.642 χ^2/NDF :85.4/4

Out: -13.800+/-0.615 χ^2/NDF :1588.7/6

All: -14.771+/-0.444 χ^2/NDF : 1679.3/11

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 $\pm$ 0.464 χ^2 /NDF: 286.5/16

Left Out: -0.846 $\pm$ 0.424 χ^2 /NDF:21.5/6

Right Out: 4.670 $\pm$ 0.474 χ^2 /NDF: 185.4/18

Left In: -0.097 $\pm$ 0.431 χ^2 /NDF:22.3/4

Left: -0.478 $\pm$ 0.302 χ^2 /NDF: 45.3/11

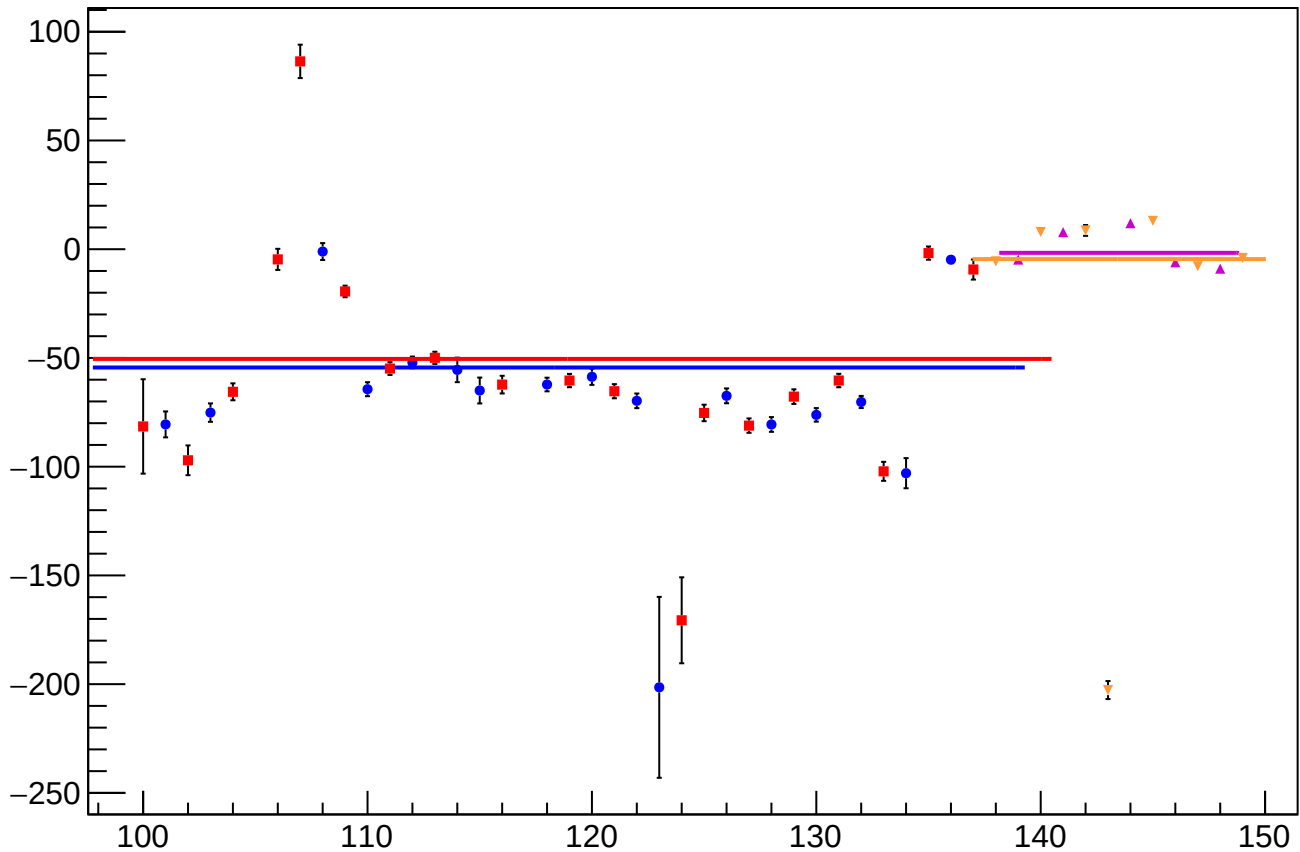
Right: 4.512 $\pm$ 0.332 χ^2 /NDF: 472.1/35

In: 1.966 $\pm$ 0.316 χ^2 /NDF:358.3/21

Out: 1.603 $\pm$ 0.316 χ^2 /NDF:282.2/25

All: 1.784 $\pm$ 0.223 χ^2 /NDF: 641.1/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -4.545 ± 0.624 $\chi^2/\text{NDF}: 2496.9/6$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

Left In: -1.660 ± 0.651 $\chi^2/\text{NDF}: 141.8/4$

Left: -3.165 ± 0.451 $\chi^2/\text{NDF}: 2649.0/11$

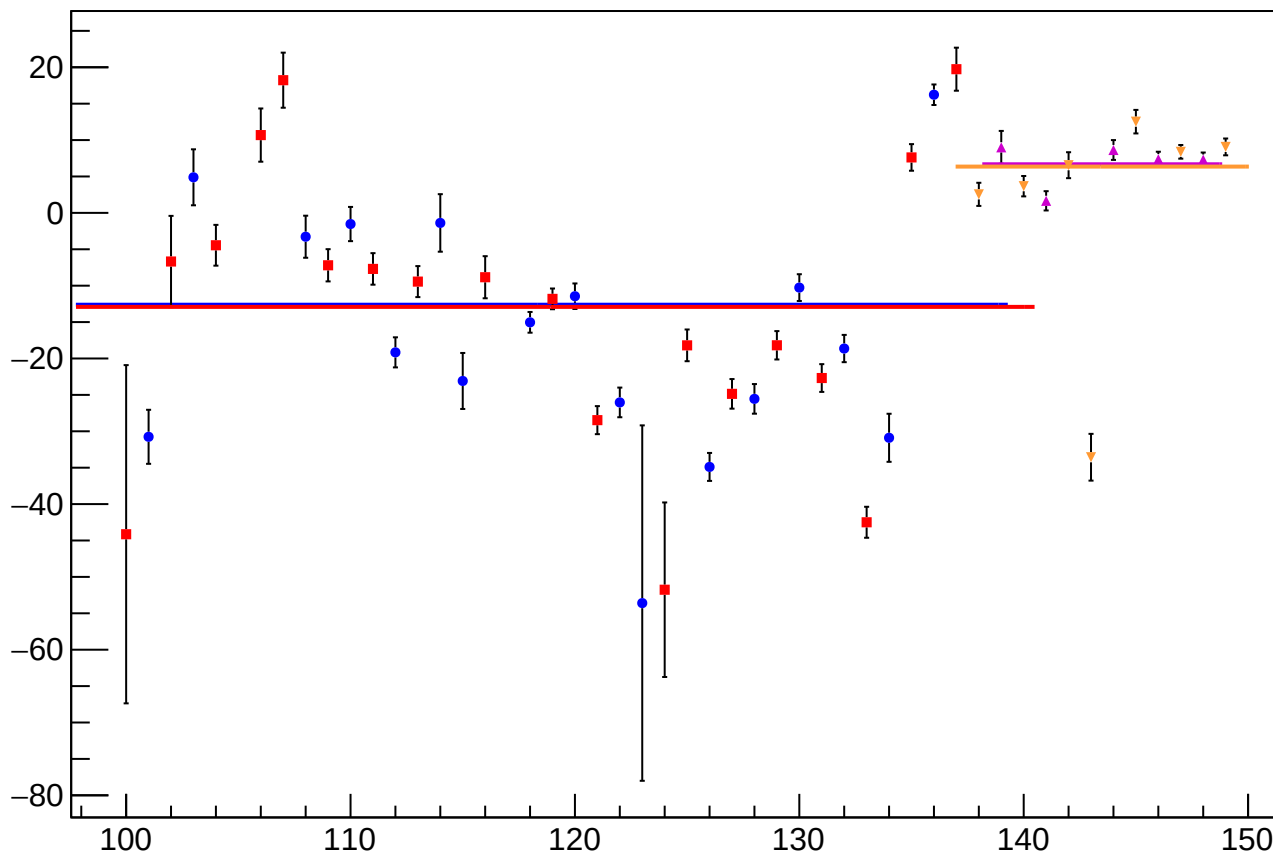
Right: -52.405 ± 0.608 $\chi^2/\text{NDF}: 2348.7/35$

In: -20.812 ± 0.520 $\chi^2/\text{NDF}: 3535.5/21$

Out: -20.434 ± 0.504 $\chi^2/\text{NDF}: 5695.1/25$

All: -20.617 ± 0.362 $\chi^2/\text{NDF}: 9230.9/47$

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: 6.358 ± 0.528 χ^2/NDF : 188.7/6

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 6.674 ± 0.549 χ^2/NDF : 18.4/4

Left: 6.510 ± 0.381 χ^2/NDF : 207.3/11

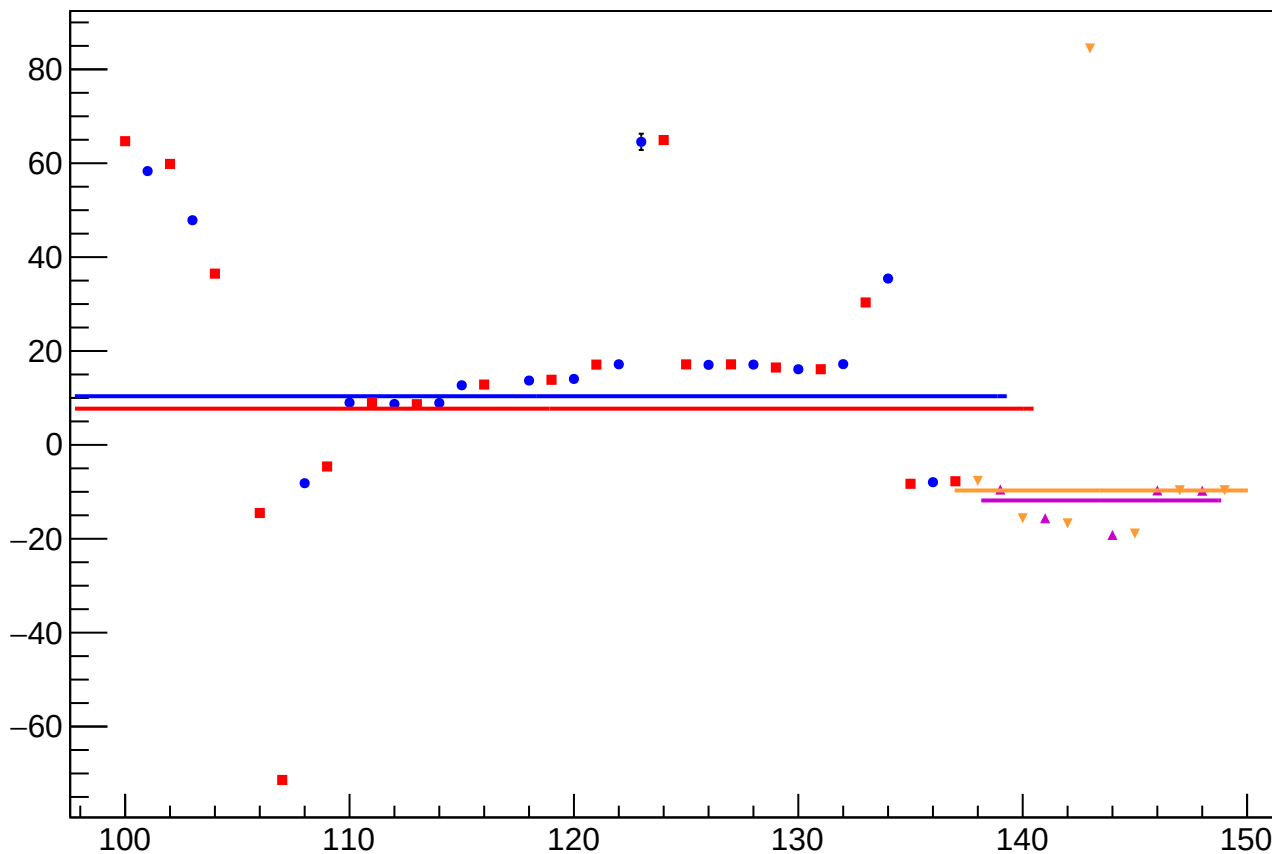
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: -3.312 ± 0.381 χ^2/NDF : 1445.2/21

Out: -3.093 ± 0.377 χ^2/NDF : 1572.1/25

All: -3.201 ± 0.268 χ^2/NDF : 3017.5/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366 ± 0.031 $\chi^2/\text{NDF}: 381003.5/16$

Left Out: -9.709 ± 0.026 $\chi^2/\text{NDF}: 354315.9/6$

Right Out: 7.719 ± 0.031 $\chi^2/\text{NDF}: 545085.7/18$

Left In: -11.839 ± 0.027 $\chi^2/\text{NDF}: 17628.8/4$

Left: -10.755 ± 0.019 $\chi^2/\text{NDF}: 375164.2/11$

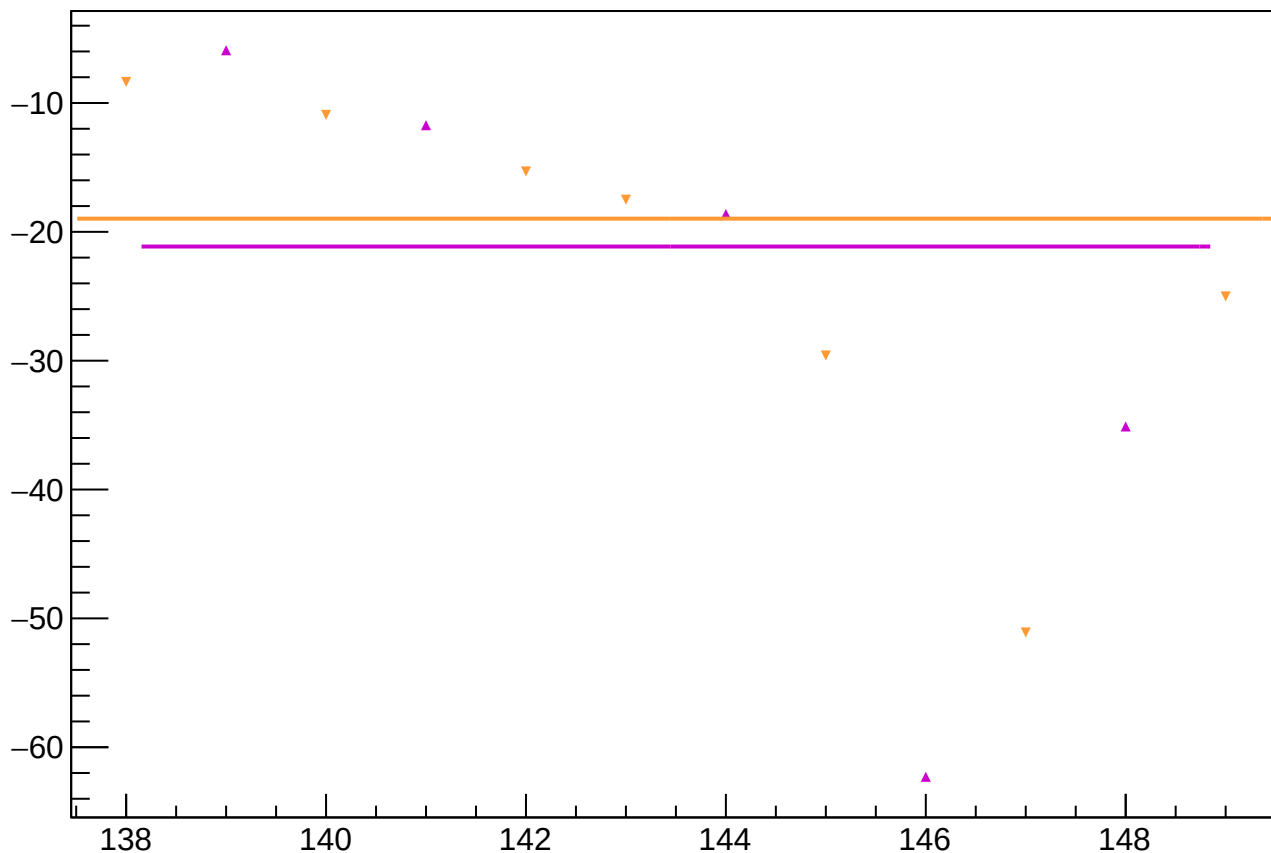
Right: 9.073 ± 0.022 $\chi^2/\text{NDF}: 929756.2/35$

In: -2.183 ± 0.020 $\chi^2/\text{NDF}: 697453.1/21$

Out: -2.483 ± 0.020 $\chi^2/\text{NDF}: 1081424.6/25$

All: -2.333 ± 0.014 $\chi^2/\text{NDF}: 1778989.3/47$

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: -18.977 ± 0.103 χ^2/NDF : 14312.0/6

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -21.140 ± 0.112 χ^2/NDF : 27270.1/4

Left: -19.967 ± 0.076 χ^2/NDF : 41784.7/11

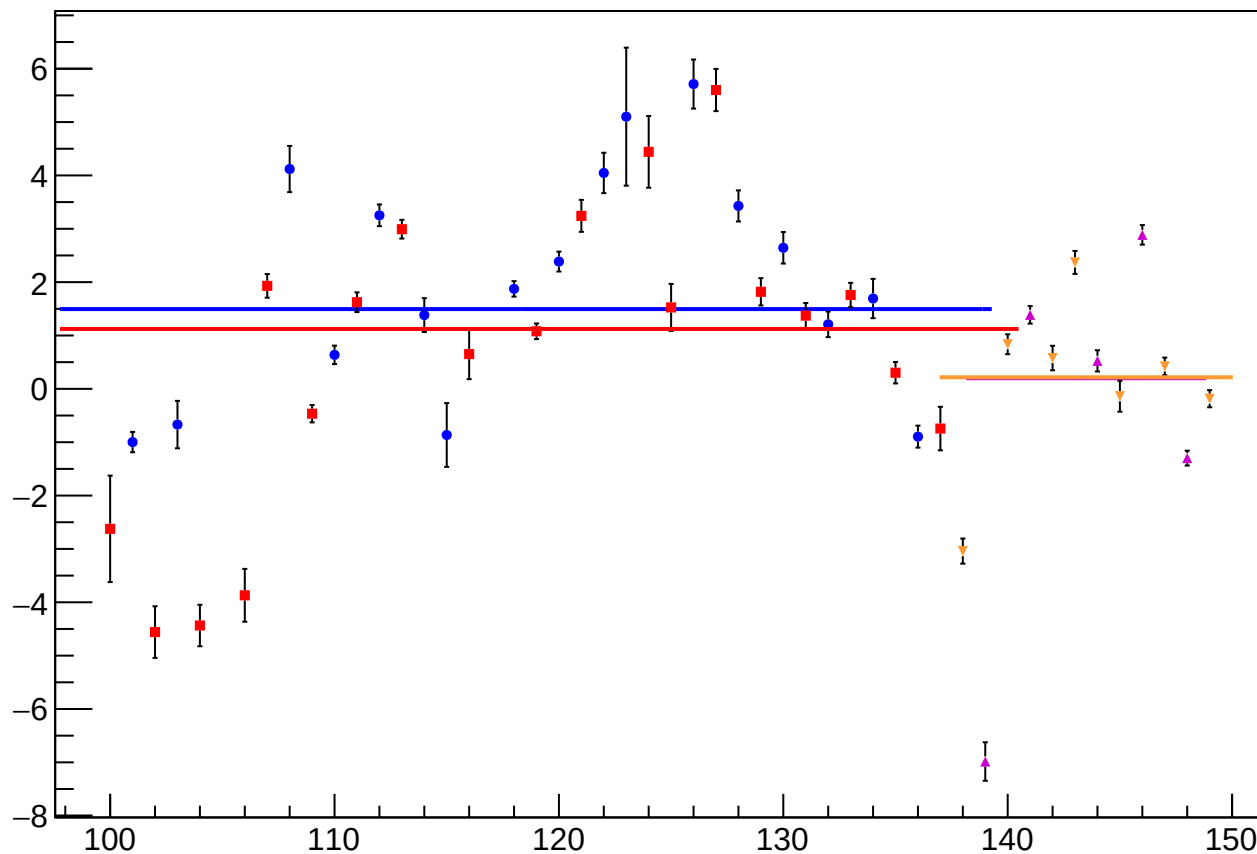
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -21.140 ± 0.112 χ^2/NDF : 27270.1/4

Out: -18.977 ± 0.103 χ^2/NDF : 14312.0/6

All: -19.967 ± 0.076 χ^2/NDF : 41784.7/11

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: 0.217 $\pm$ 0.076 χ^2 /NDF:314.1/6

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

Left In: 0.199 $\pm$ 0.081 χ^2 /NDF:779.9/4

Left: 0.209 $\pm$ 0.055 χ^2 /NDF: 1094.0/11

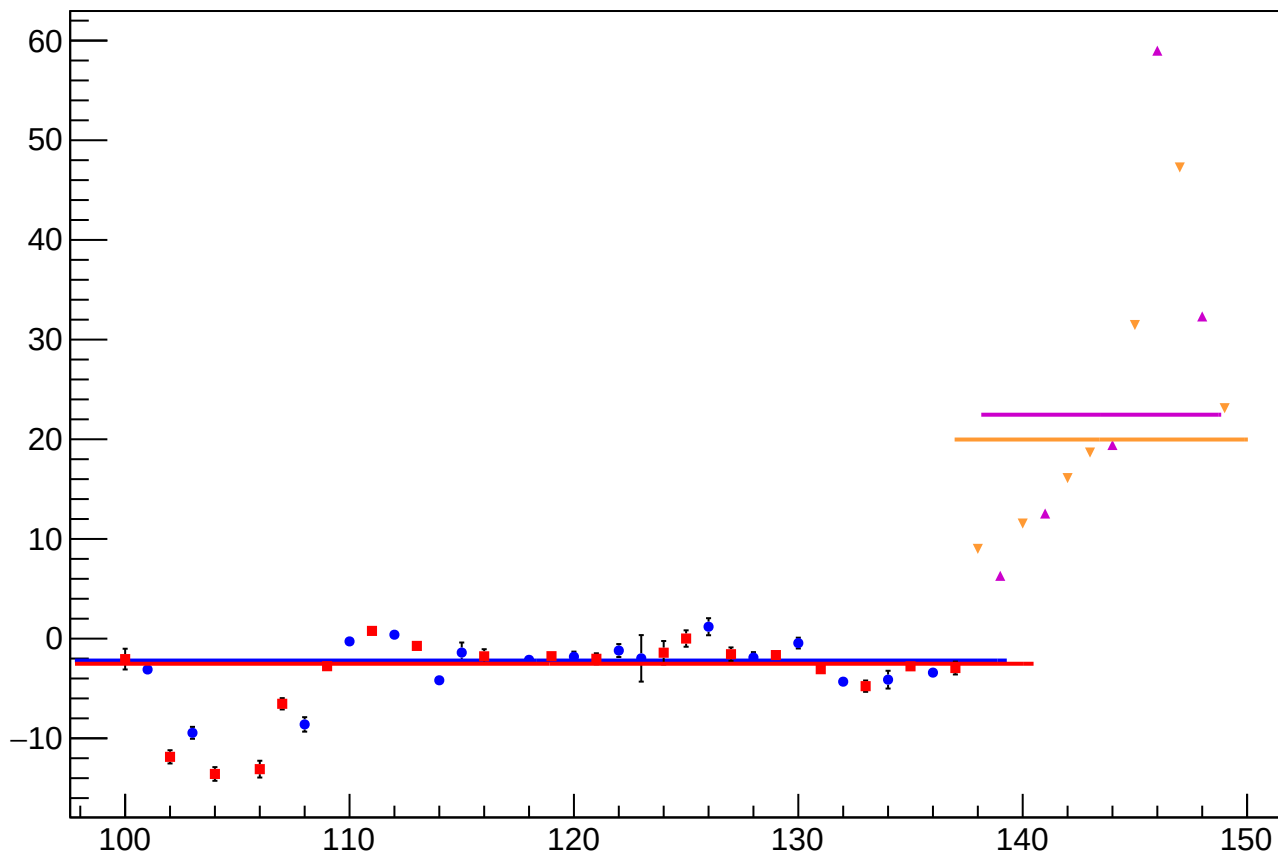
Right: 1.300 $\pm$ 0.042 χ^2 /NDF: 1674.8/35

In: 1.029 $\pm$ 0.049 χ^2 /NDF:1650.7/21

Out: 0.786 $\pm$ 0.046 χ^2 /NDF:1350.8/25

All: 0.900 $\pm$ 0.034 χ^2 /NDF: 3014.6/47

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: 19.975+/-0.106 χ^2/NDF :12149.2/6

Right Out: -2.520+/-0.099 χ^2/NDF : 903.3/18

Left In: 22.465+/-0.115 χ^2/NDF :23603.4/4

Left: 21.114+/-0.078 χ^2/NDF : 36005.1/11

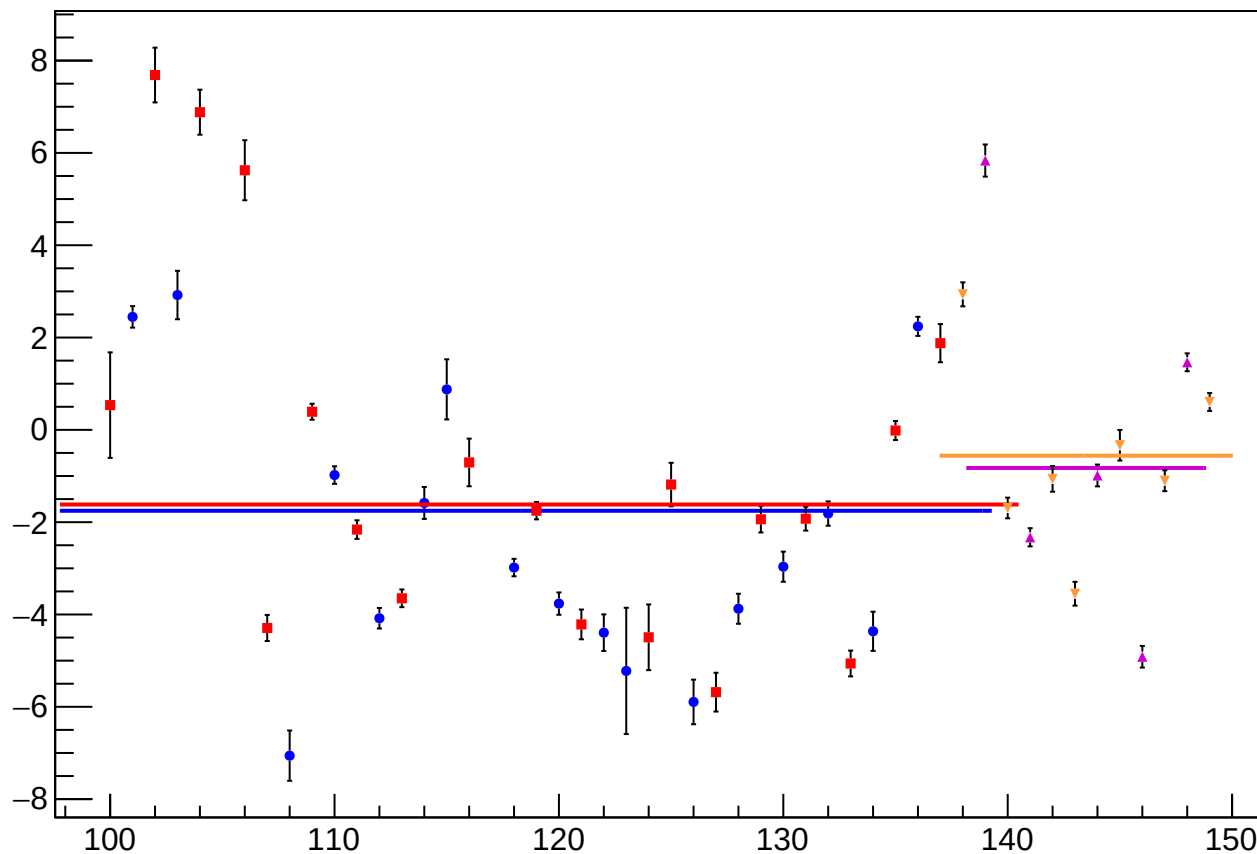
Right: -2.378+/-0.074 χ^2/NDF : 1368.9/35

In: 9.603+/-0.080 χ^2/NDF :47869.3/21

Out: 7.956+/-0.072 χ^2/NDF :37122.0/25

All: 8.698+/-0.054 χ^2/NDF : 85224.7/47

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: -0.560 ± 0.092 χ^2/NDF : 387.4/6

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: -0.826 ± 0.102 χ^2/NDF : 869.2/4

Left: -0.679 ± 0.068 χ^2/NDF : 1260.4/11

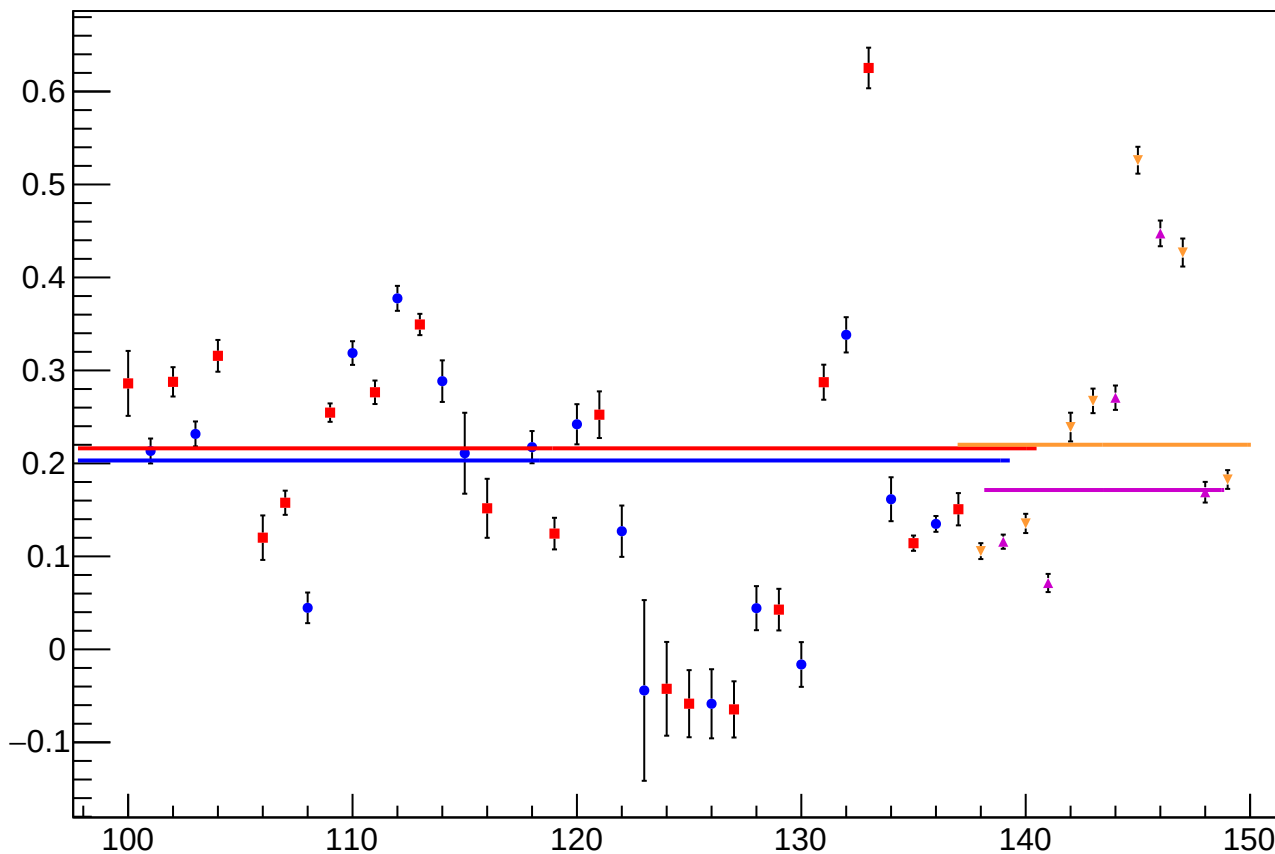
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -1.453 ± 0.058 χ^2/NDF : 2270.6/21

Out: -1.259 ± 0.053 χ^2/NDF : 1962.6/25

All: -1.349 ± 0.039 χ^2/NDF : 4239.2/47

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.220 ± 0.004 χ^2/NDF : 911.2/6

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

Left In: 0.171 ± 0.005 χ^2/NDF : 613.7/4

Left: 0.197 ± 0.003 χ^2/NDF : 1583.4/11

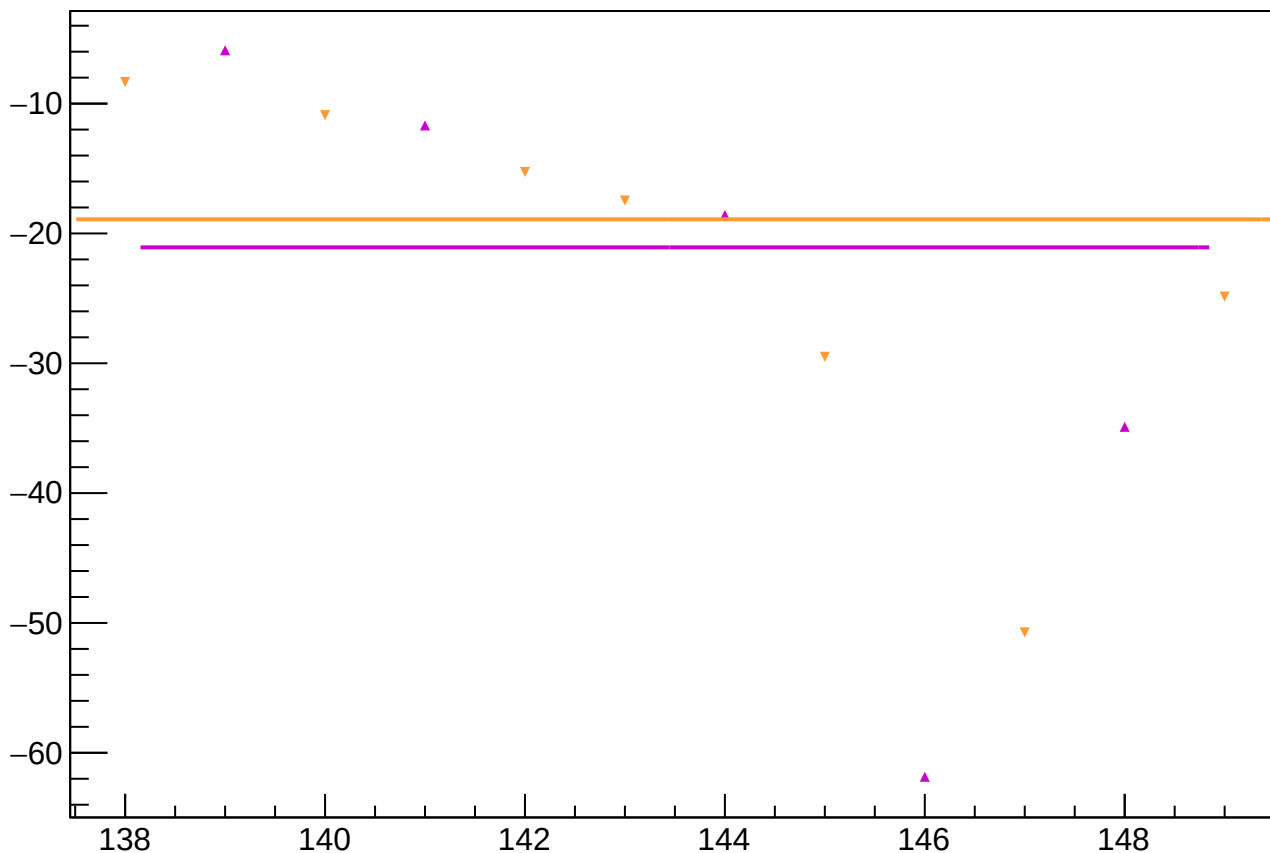
Right: 0.210 ± 0.003 χ^2/NDF : 1750.0/35

In: 0.189 ± 0.003 χ^2/NDF : 1317.2/21

Out: 0.218 ± 0.003 χ^2/NDF : 1979.0/25

All: 0.205 ± 0.002 χ^2/NDF : 3343.5/47

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: -18.913+/-0.102 χ^2/NDF :14278.6/6

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

Left In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Left: -19.902+/-0.075 χ^2/NDF : 41691.8/11

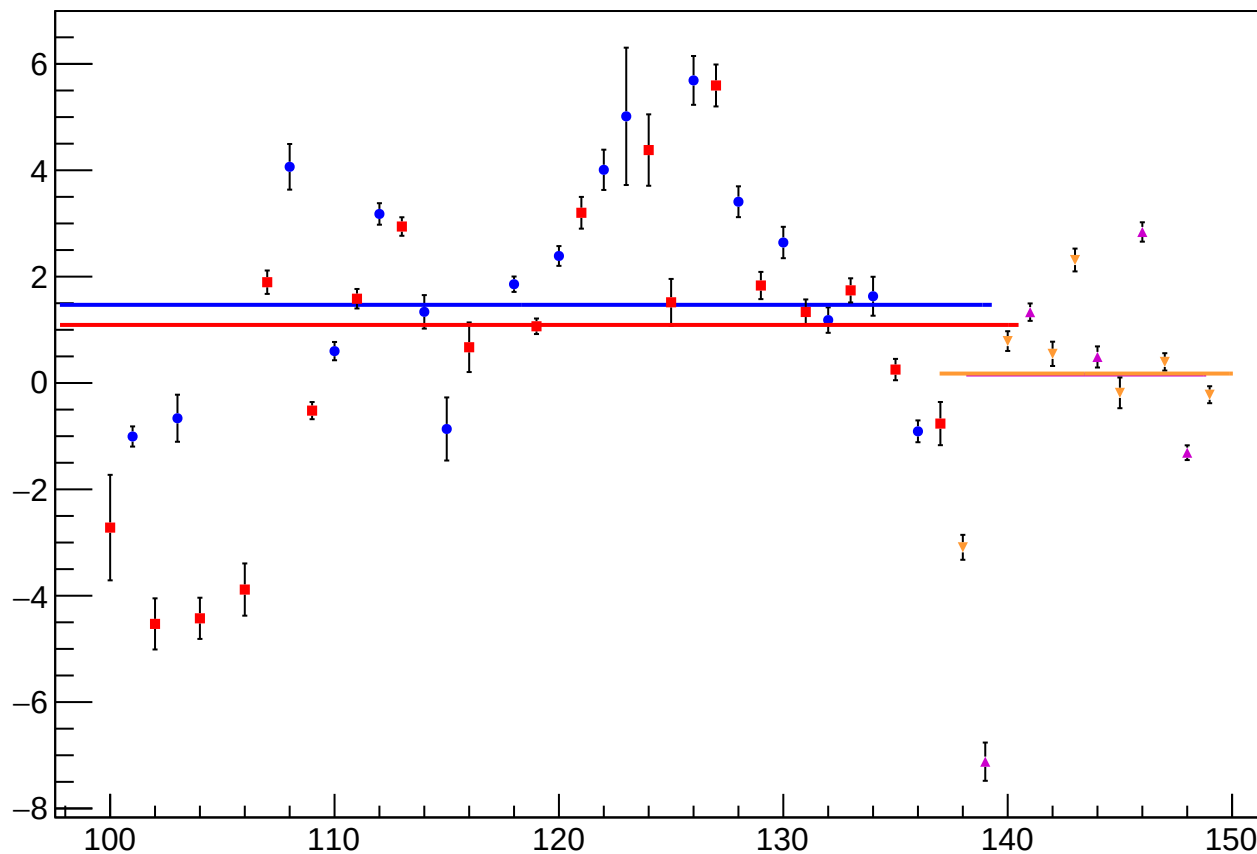
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Out: -18.913+/-0.102 χ^2/NDF :14278.6/6

All: -19.902+/-0.075 χ^2/NDF : 41691.8/11

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 0.177 ± 0.075 $\chi^2/\text{NDF}: 316.5/6$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

Left In: 0.160 ± 0.081 $\chi^2/\text{NDF}: 792.9/4$

Left: 0.169 ± 0.055 $\chi^2/\text{NDF}: 1109.4/11$

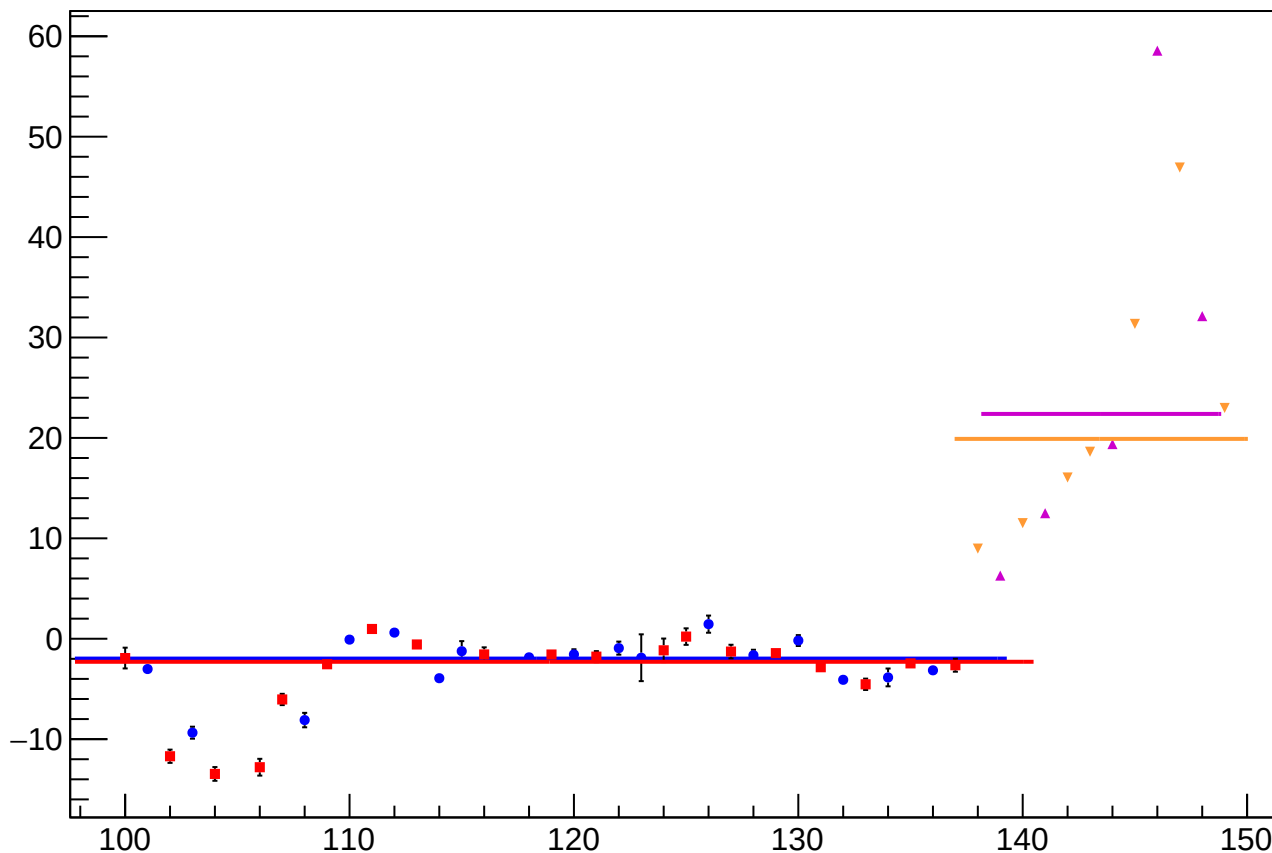
Right: 1.272 ± 0.042 $\chi^2/\text{NDF}: 1680.2/35$

In: 0.997 ± 0.049 $\chi^2/\text{NDF}: 1668.1/21$

Out: 0.751 ± 0.046 $\chi^2/\text{NDF}: 1361.4/25$

All: 0.867 ± 0.033 $\chi^2/\text{NDF}: 3043.1/47$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 19.904 ± 0.105 χ^2/NDF : 12115.4/6

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

Left In: 22.389 ± 0.115 χ^2/NDF : 23537.8/4

Left: 21.041 ± 0.078 χ^2/NDF : 35907.4/11

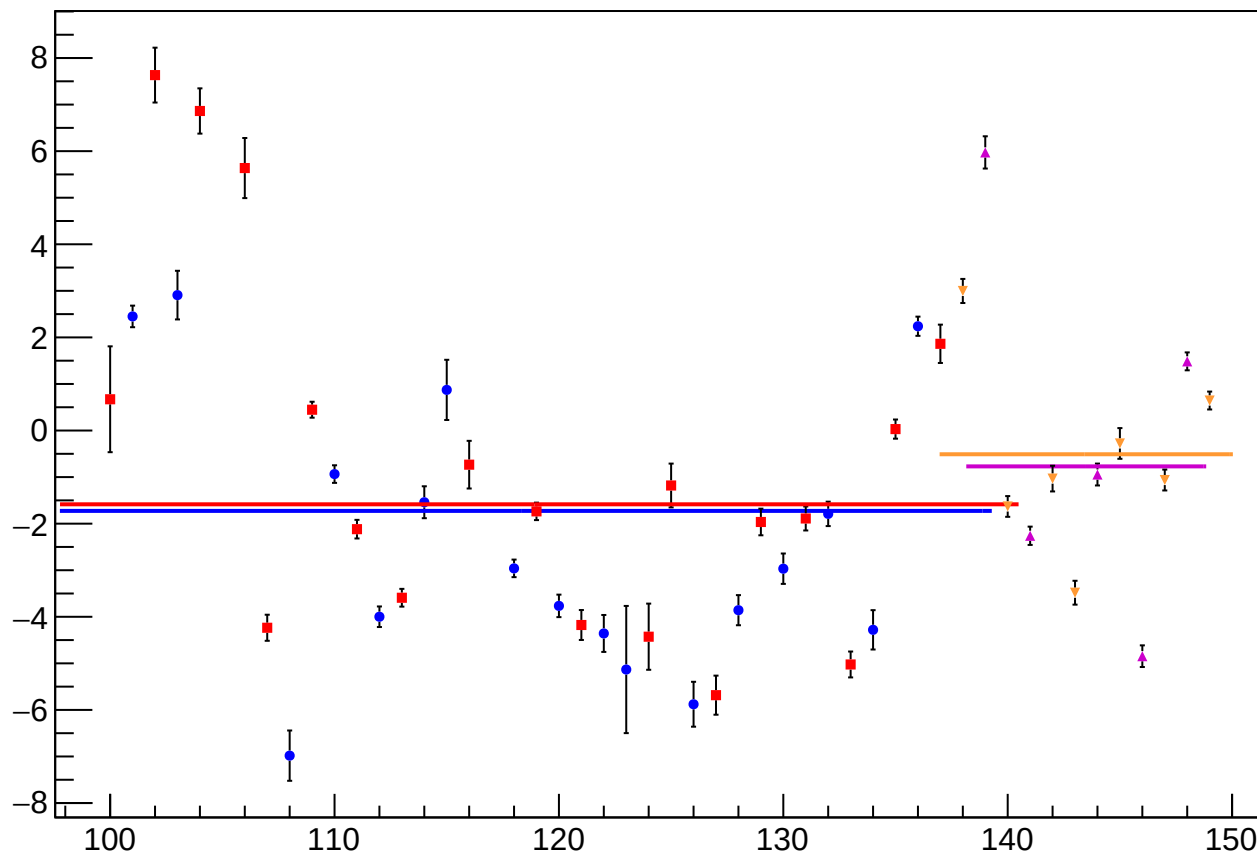
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: 9.689 ± 0.079 χ^2/NDF : 47474.9/21

Out: 8.044 ± 0.072 χ^2/NDF : 36710.8/25

All: 8.785 ± 0.053 χ^2/NDF : 84421.1/47

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: -0.509 ± 0.091 χ^2/NDF : 390.1/6

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: -0.770 ± 0.101 χ^2/NDF : 881.8/4

Left: -0.627 ± 0.068 χ^2/NDF : 1275.5/11

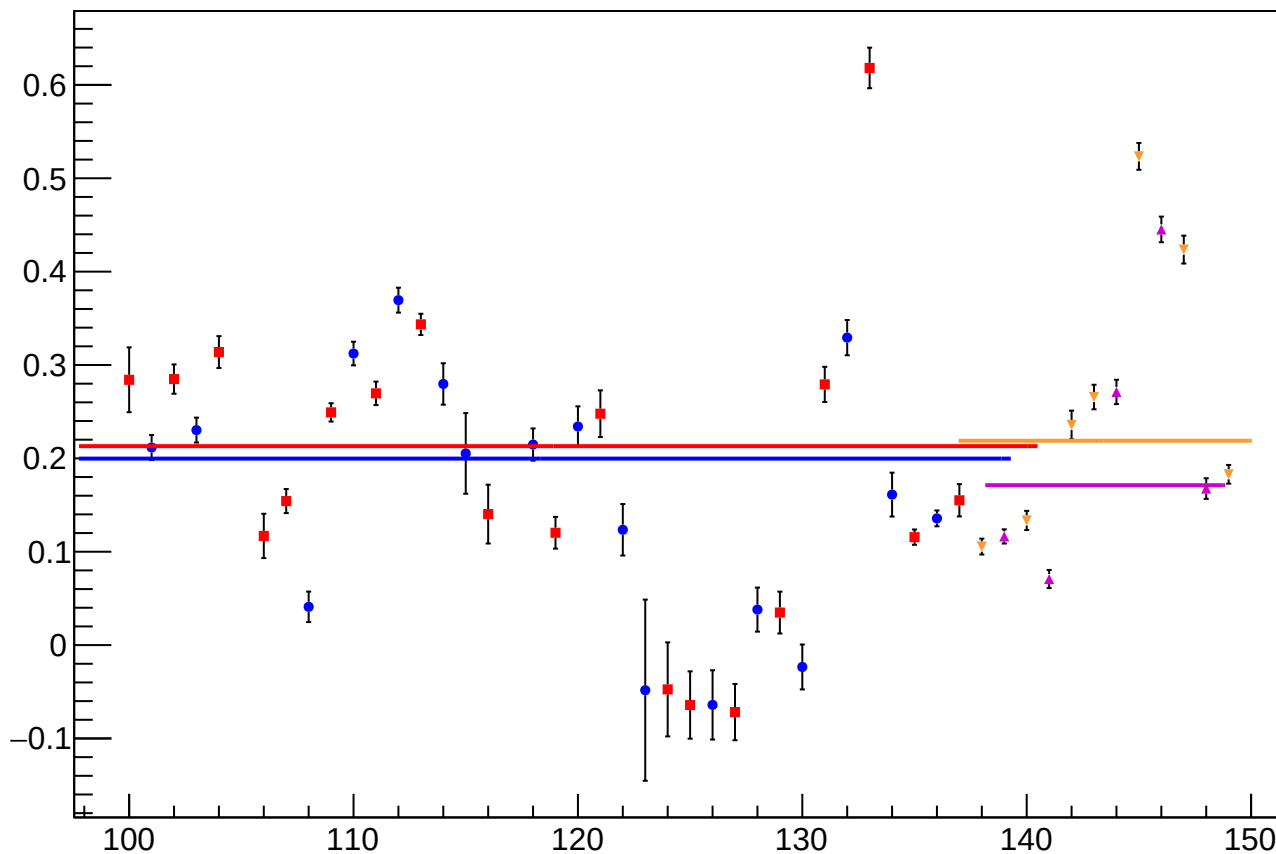
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -1.416 ± 0.058 χ^2/NDF : 2283.7/21

Out: -1.220 ± 0.053 χ^2/NDF : 1974.4/25

All: -1.311 ± 0.039 χ^2/NDF : 4264.3/47

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 ± 0.004 $\chi^2/\text{NDF}: 662.5/16$

Left Out: 0.219 ± 0.004 $\chi^2/\text{NDF}: 909.2/6$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1050.9/18$

Left In: 0.171 ± 0.005 $\chi^2/\text{NDF}: 616.0/4$

Left: 0.196 ± 0.003 $\chi^2/\text{NDF}: 1581.6/11$

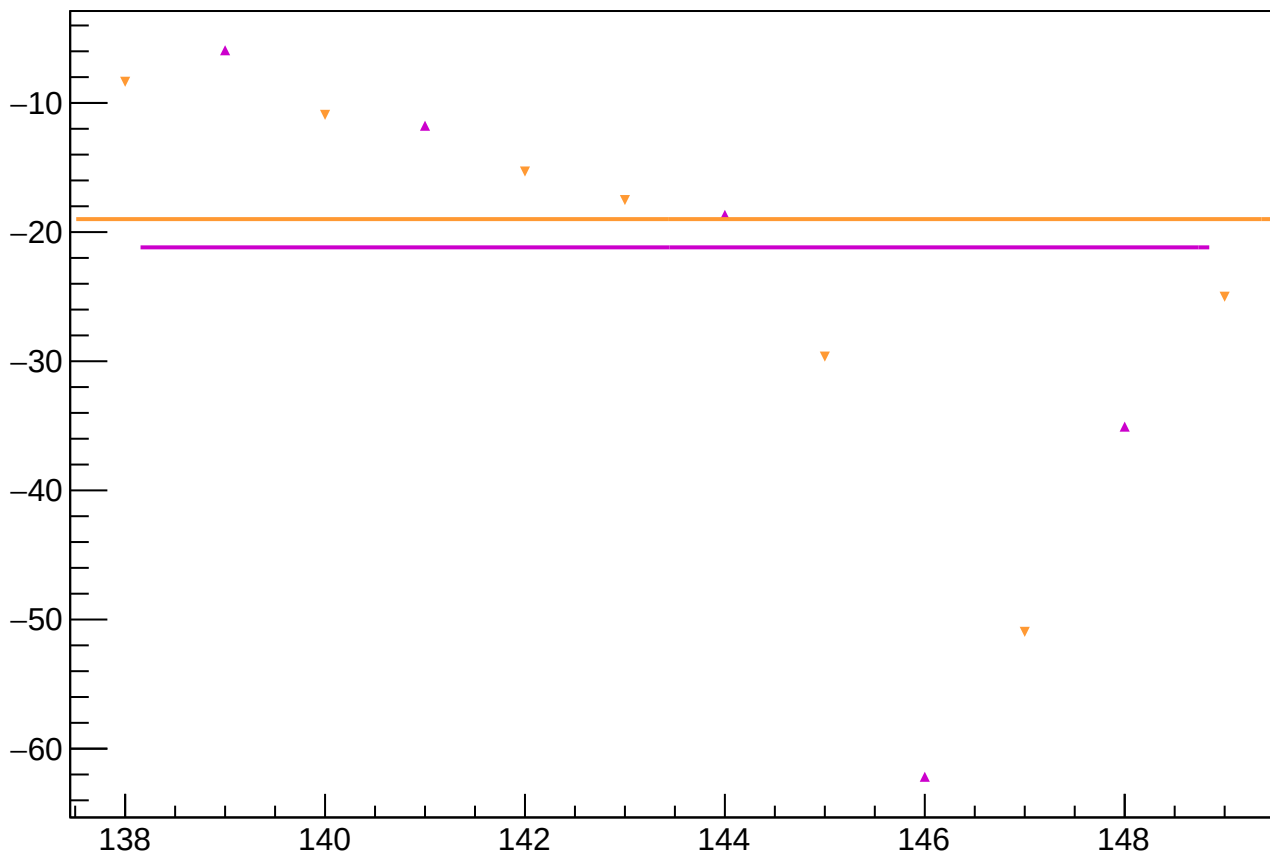
Right: 0.207 ± 0.003 $\chi^2/\text{NDF}: 1719.2/35$

In: 0.187 ± 0.003 $\chi^2/\text{NDF}: 1299.8/21$

Out: 0.215 ± 0.003 $\chi^2/\text{NDF}: 1961.1/25$

All: 0.203 ± 0.002 $\chi^2/\text{NDF}: 3307.6/47$

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: -18.994+/-0.103 χ^2/NDF :14293.5/6

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

Left In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Left: -19.995+/-0.076 χ^2/NDF : 41740.2/11

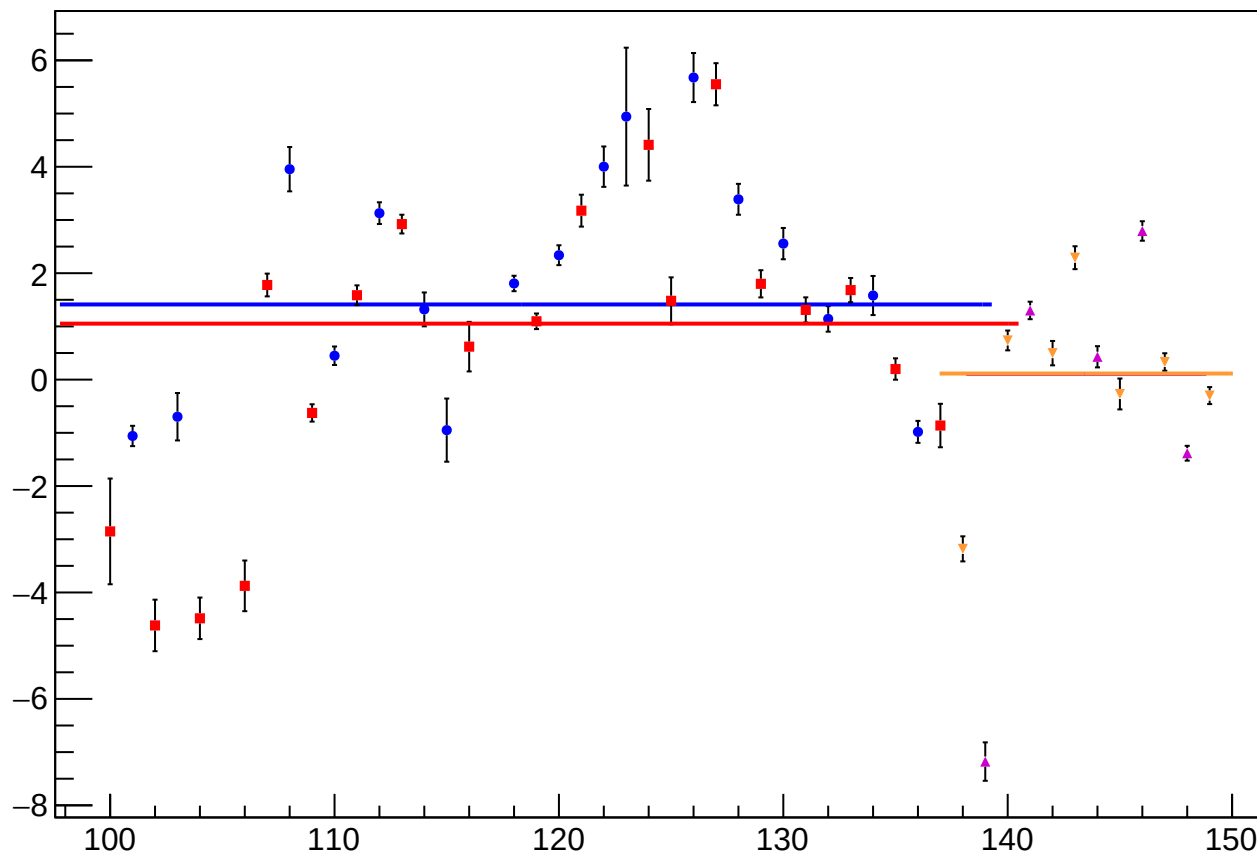
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Out: -18.994+/-0.103 χ^2/NDF :14293.5/6

All: -19.995+/-0.076 χ^2/NDF : 41740.2/11

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 0.114 $\pm$ 0.075 χ^2/NDF :322.1/6

Right Out: 1.052 $\pm$ 0.058 χ^2/NDF : 963.3/18

Left In: 0.105 $\pm$ 0.081 χ^2/NDF :791.9/4

Left: 0.110 $\pm$ 0.055 χ^2/NDF : 1113.9/11

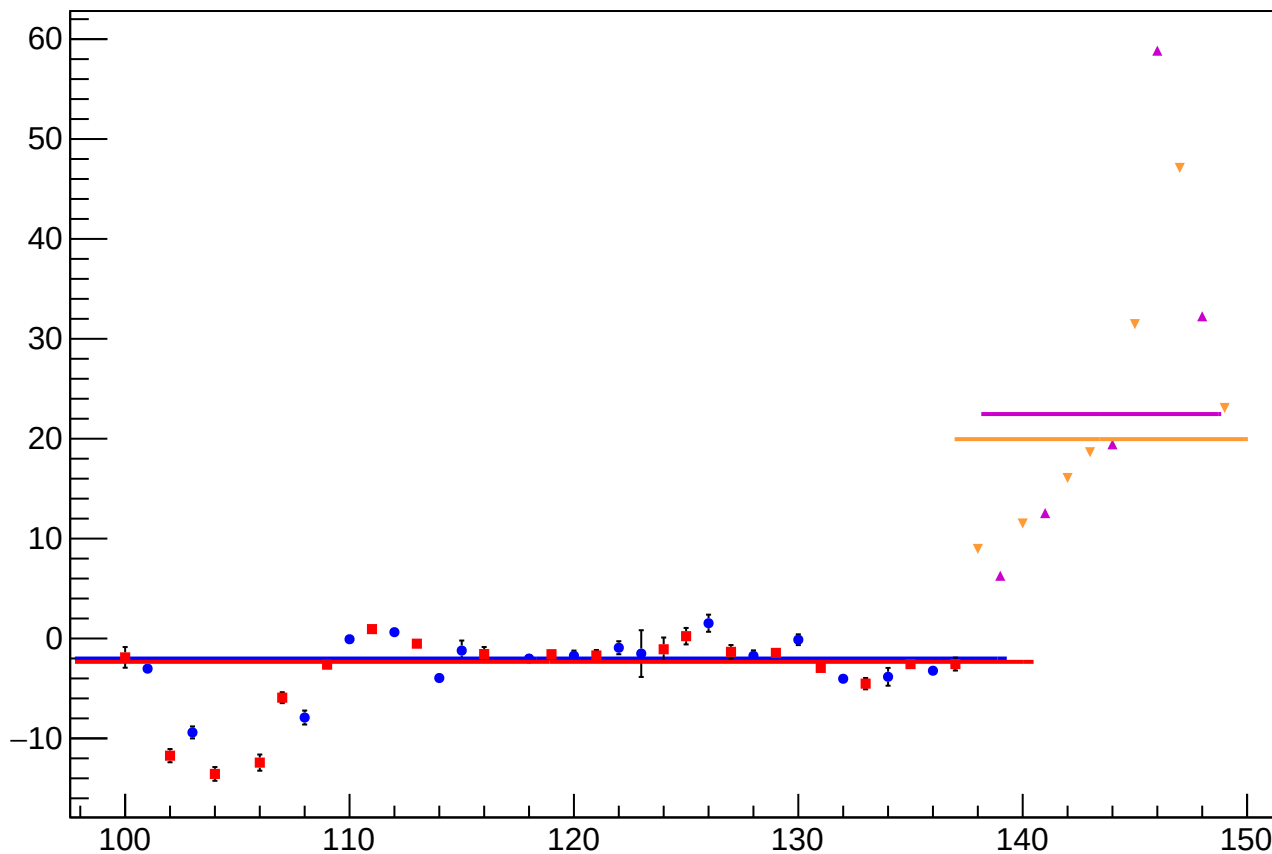
Right: 1.223 $\pm$ 0.042 χ^2/NDF : 1695.5/35

In: 0.941 $\pm$ 0.049 χ^2/NDF :1671.0/21

Out: 0.703 $\pm$ 0.046 χ^2/NDF :1382.3/25

All: 0.815 $\pm$ 0.033 χ^2/NDF : 3065.9/47

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: 19.955 ± 0.106 χ^2/NDF : 12128.5/6

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 22.468 ± 0.115 χ^2/NDF : 23570.4/4

Left: 21.104 ± 0.078 χ^2/NDF : 35956.6/11

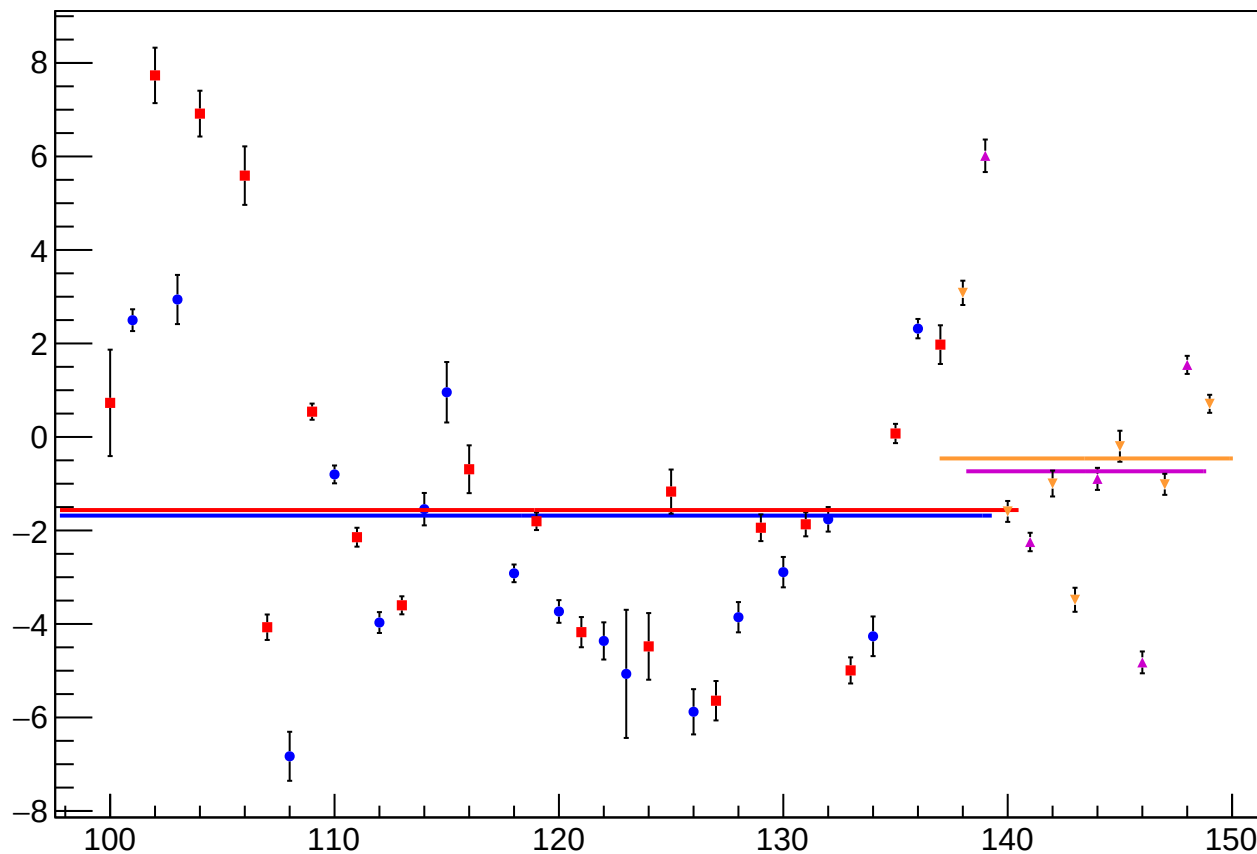
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 9.721 ± 0.080 χ^2/NDF : 47487.6/21

Out: 8.054 ± 0.072 χ^2/NDF : 36702.8/25

All: 8.805 ± 0.054 χ^2/NDF : 84429.9/47

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: -0.460 ± 0.092 $\chi^2/\text{NDF}: 396.8/6$

Right Out: -1.563 ± 0.066 $\chi^2/\text{NDF}: 1504.7/18$

Left In: -0.734 ± 0.102 $\chi^2/\text{NDF}: 880.1/4$

Left: -0.583 ± 0.068 $\chi^2/\text{NDF}: 1281.0/11$

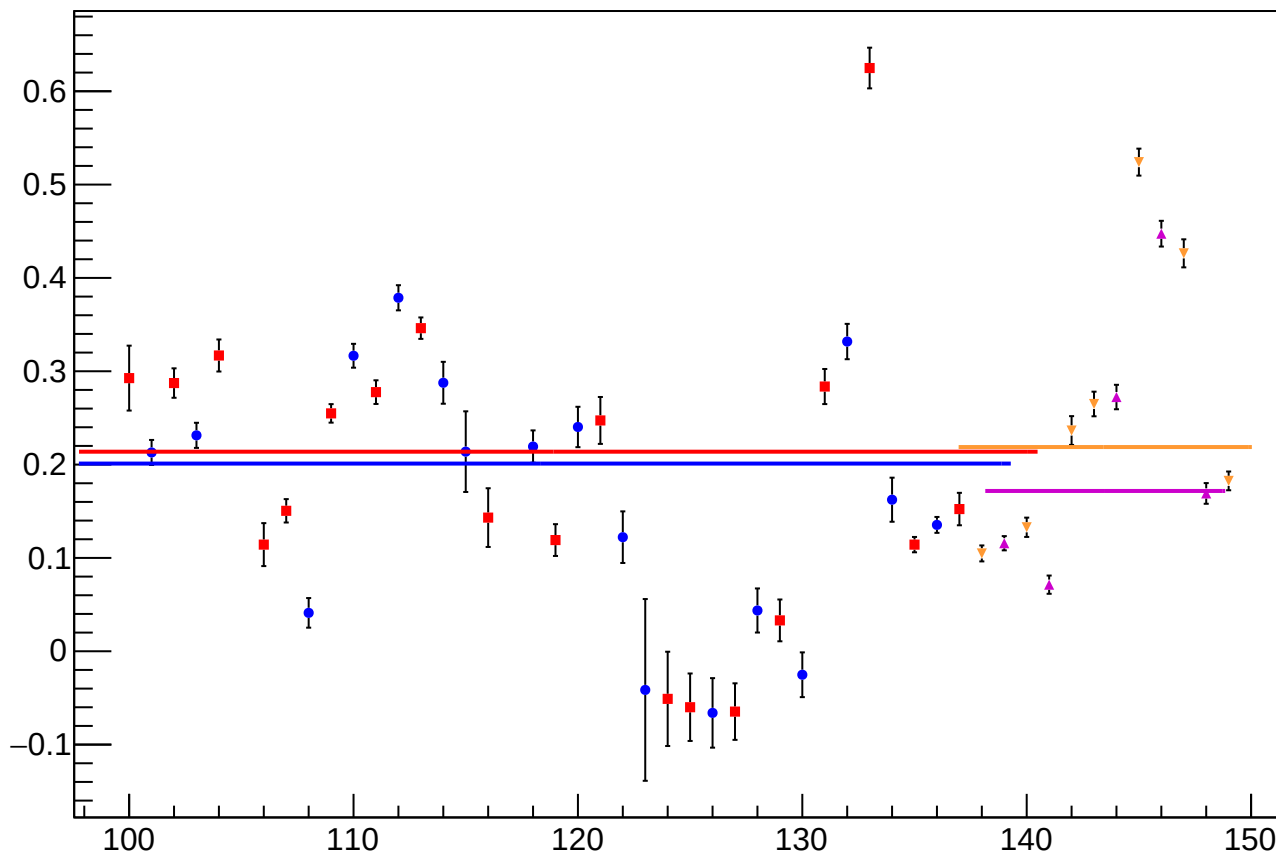
Right: -1.619 ± 0.048 $\chi^2/\text{NDF}: 2854.1/35$

In: -1.375 ± 0.058 $\chi^2/\text{NDF}: 2286.9/21$

Out: -1.190 ± 0.053 $\chi^2/\text{NDF}: 1997.3/25$

All: -1.275 ± 0.039 $\chi^2/\text{NDF}: 4289.7/47$

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: 0.219 ± 0.004 χ^2/NDF : 910.6/6

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

Left In: 0.172 ± 0.005 χ^2/NDF : 618.2/4

Left: 0.197 ± 0.003 χ^2/NDF : 1583.5/11

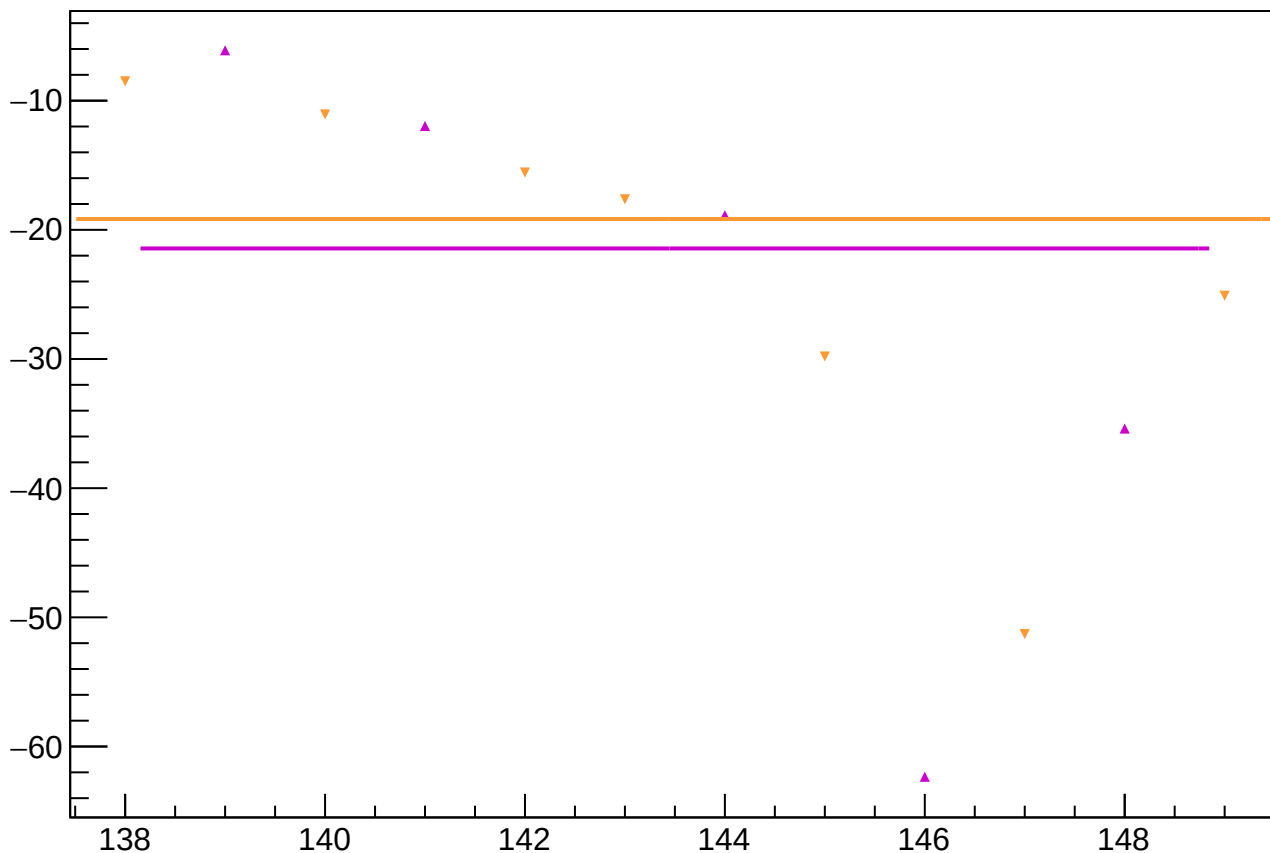
Right: 0.208 ± 0.003 χ^2/NDF : 1779.7/35

In: 0.188 ± 0.003 χ^2/NDF : 1332.0/21

Out: 0.216 ± 0.003 χ^2/NDF : 1994.5/25

All: 0.203 ± 0.002 χ^2/NDF : 3370.9/47

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: -19.164+/-0.104 χ^2/NDF :14149.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.441+/-0.113 χ^2/NDF :26851.8/4

Left: -20.205+/-0.076 χ^2/NDF : 41221.4/11

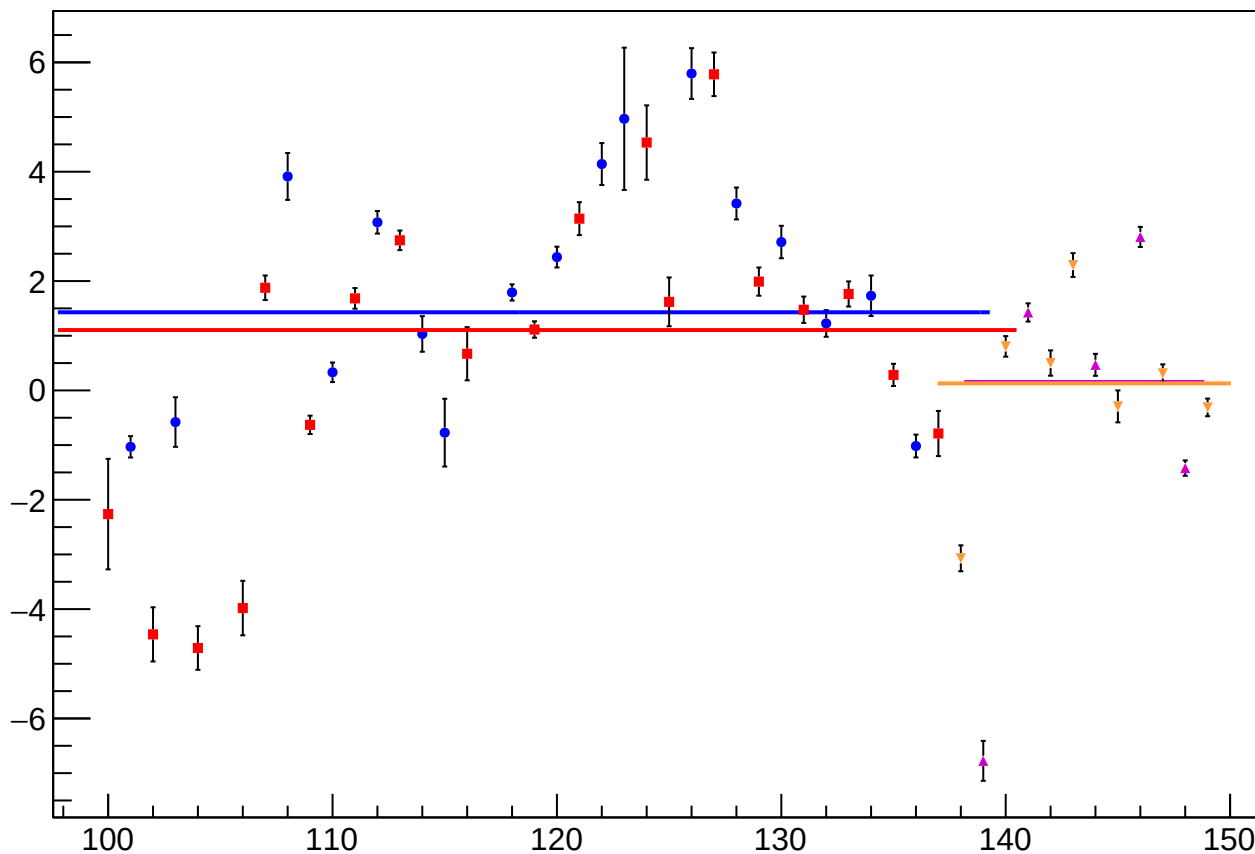
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.441+/-0.113 χ^2/NDF :26851.8/4

Out: -19.164+/-0.104 χ^2/NDF :14149.0/6

All: -20.205+/-0.076 χ^2/NDF : 41221.4/11

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: 0.128 $\pm$ 0.076 χ^2 /NDF:306.6/6

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

Left In: 0.155 $\pm$ 0.082 χ^2 /NDF:753.9/4

Left: 0.140 $\pm$ 0.056 χ^2 /NDF: 1060.6/11

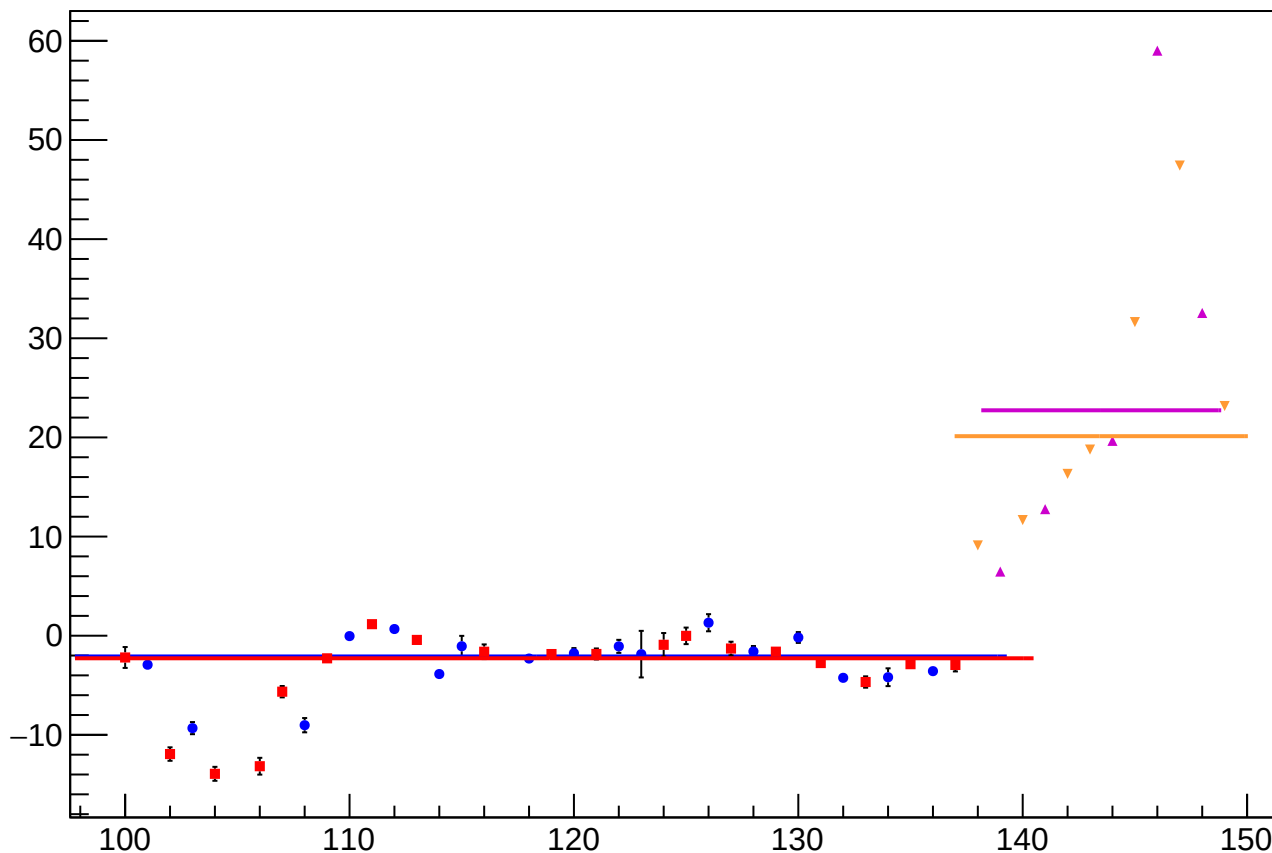
Right: 1.259 $\pm$ 0.043 χ^2 /NDF: 1662.3/35

In: 0.965 $\pm$ 0.050 χ^2 /NDF:1618.3/21

Out: 0.735 $\pm$ 0.047 χ^2 /NDF:1345.3/25

All: 0.843 $\pm$ 0.034 χ^2 /NDF: 2975.0/47

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: 20.125 ± 0.107 χ^2/NDF : 12004.7/6

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

Left In: 22.736 ± 0.116 χ^2/NDF : 23209.0/4

Left: 21.318 ± 0.079 χ^2/NDF : 35486.5/11

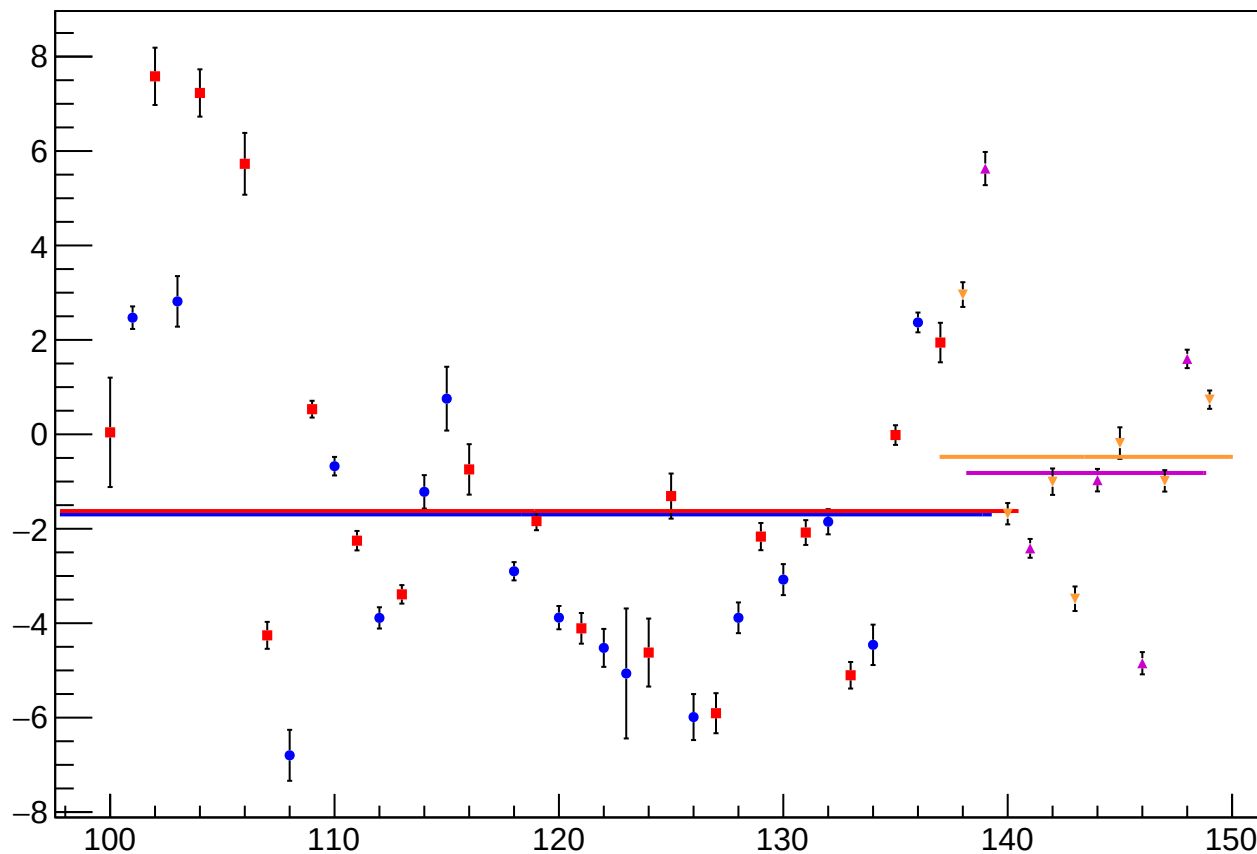
Right: -2.196 ± 0.075 χ^2/NDF : 1406.6/35

In: 9.900 ± 0.081 χ^2/NDF : 47187.9/21

Out: 8.298 ± 0.073 χ^2/NDF : 36144.6/25

All: 9.020 ± 0.054 χ^2/NDF : 83547.5/47

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: -0.477 ± 0.093 χ^2/NDF : 382.2/6

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

Left In: -0.818 ± 0.103 χ^2/NDF : 847.3/4

Left: -0.630 ± 0.069 χ^2/NDF : 1235.6/11

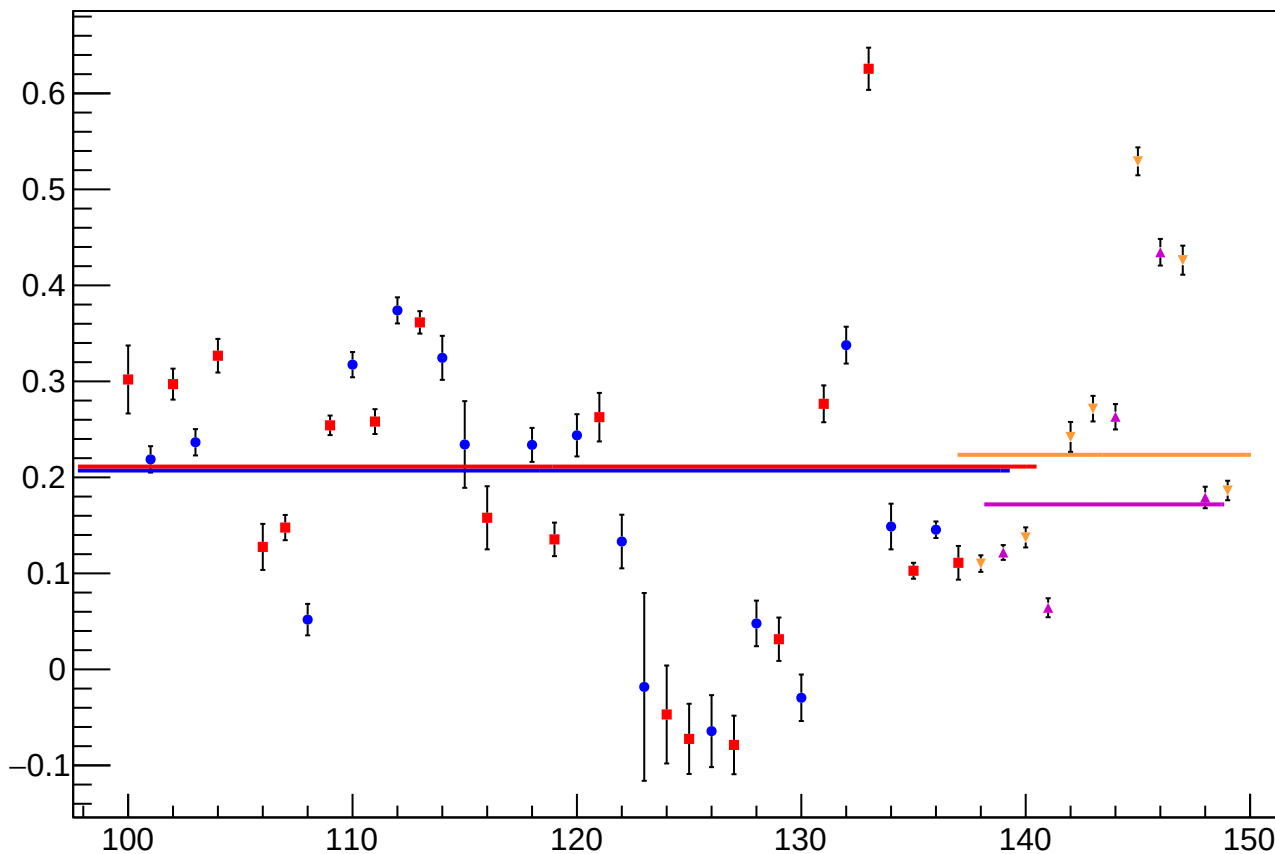
Right: -1.658 ± 0.049 χ^2/NDF : 2801.2/35

In: -1.409 ± 0.059 χ^2/NDF : 2229.8/21

Out: -1.230 ± 0.054 χ^2/NDF : 1950.4/25

All: -1.313 ± 0.040 χ^2/NDF : 4185.2/47

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.004 χ^2 /NDF: 656.3/16

Left Out: 0.224 $\pm$ 0.004 χ^2 /NDF:889.2/6

Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1145.7/18

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:567.2/4

Left: 0.199 $\pm$ 0.003 χ^2 /NDF: 1521.0/11

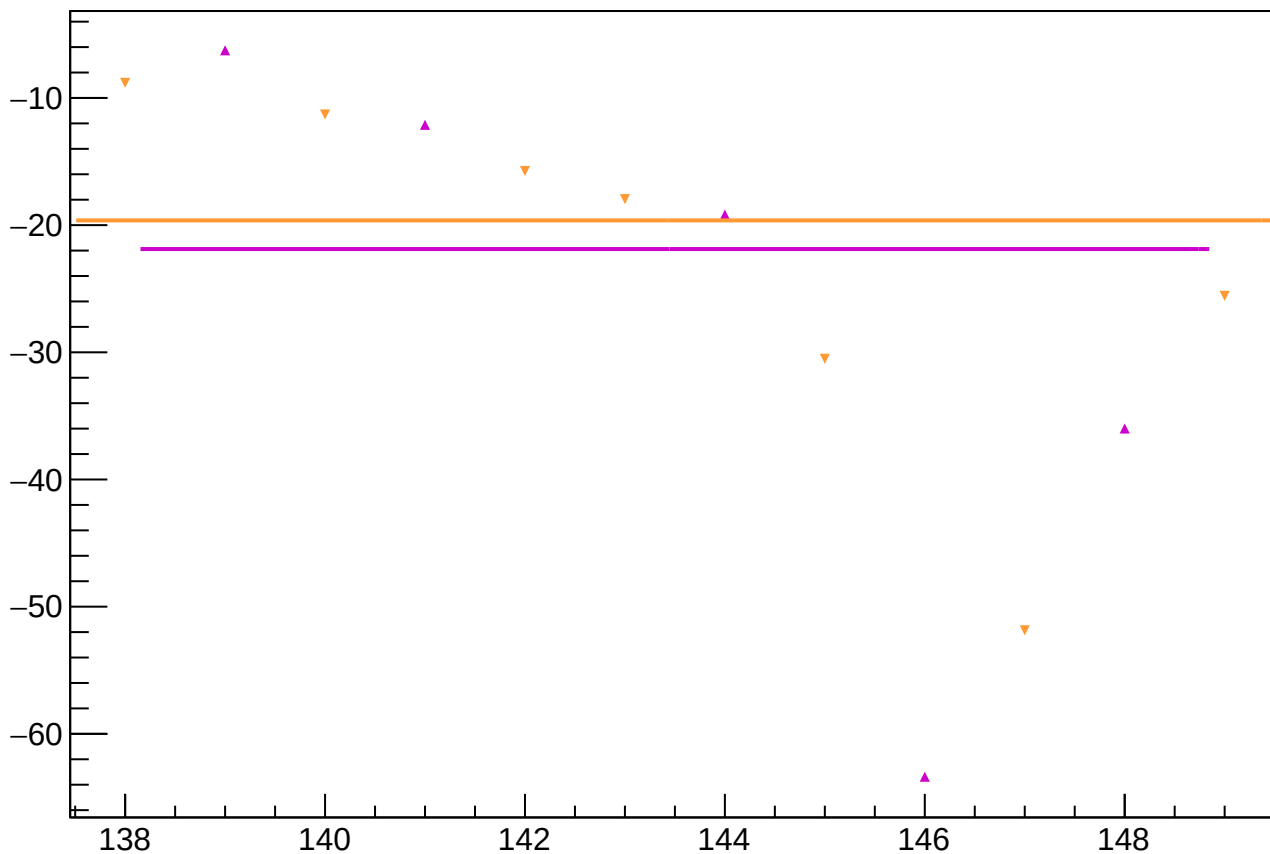
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1802.5/35

In: 0.191 $\pm$ 0.003 χ^2 /NDF:1255.0/21

Out: 0.216 $\pm$ 0.003 χ^2 /NDF:2039.3/25

All: 0.205 $\pm$ 0.002 χ^2 /NDF: 3329.4/47

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: -19.627+/-0.106 χ^2/NDF :13930.0/6
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Left: -20.657+/-0.078 χ^2/NDF : 40912.7/11

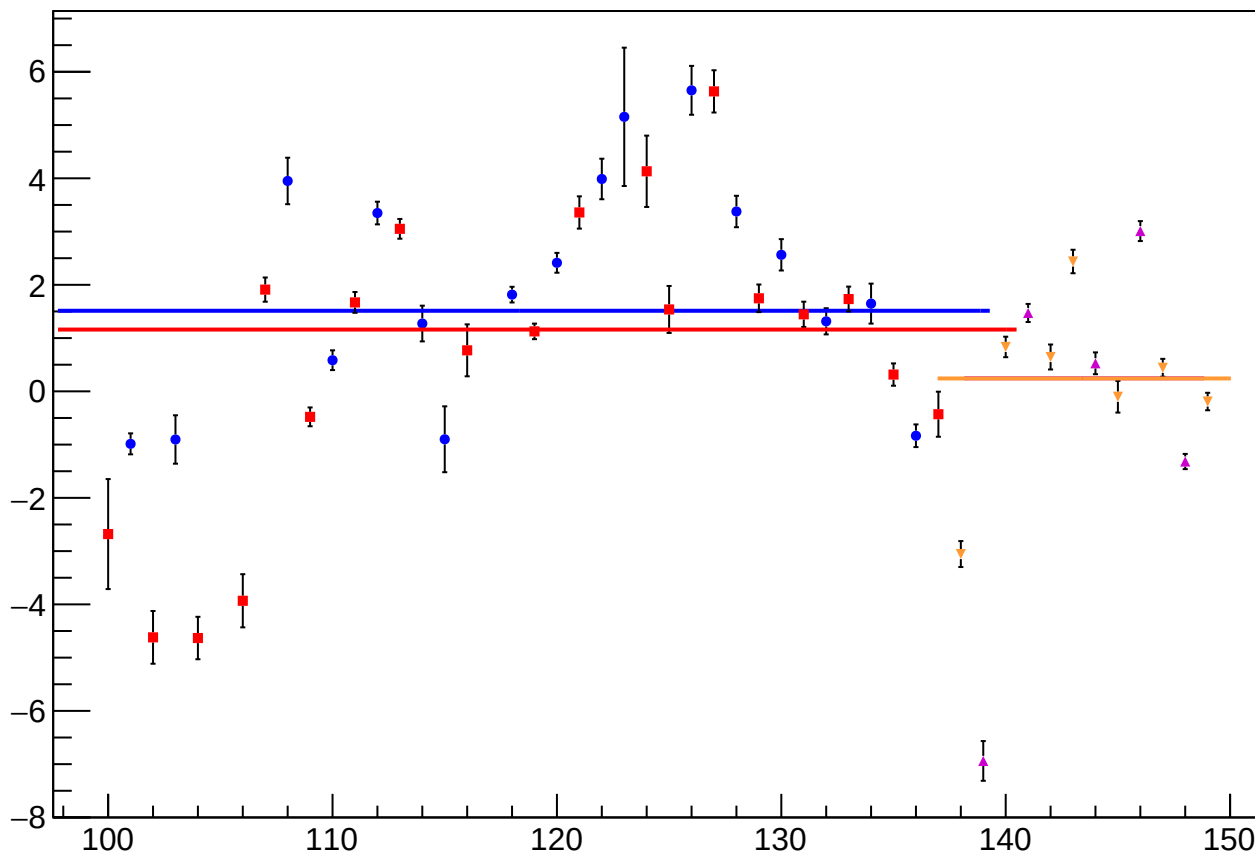
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Out: -19.627+/-0.106 χ^2/NDF :13930.0/6

All: -20.657+/-0.078 χ^2/NDF : 40912.7/11

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: 0.242 ± 0.077 χ^2/NDF : 304.5/6

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

Left In: 0.245 ± 0.084 χ^2/NDF : 762.3/4

Left: 0.243 ± 0.057 χ^2/NDF : 1066.9/11

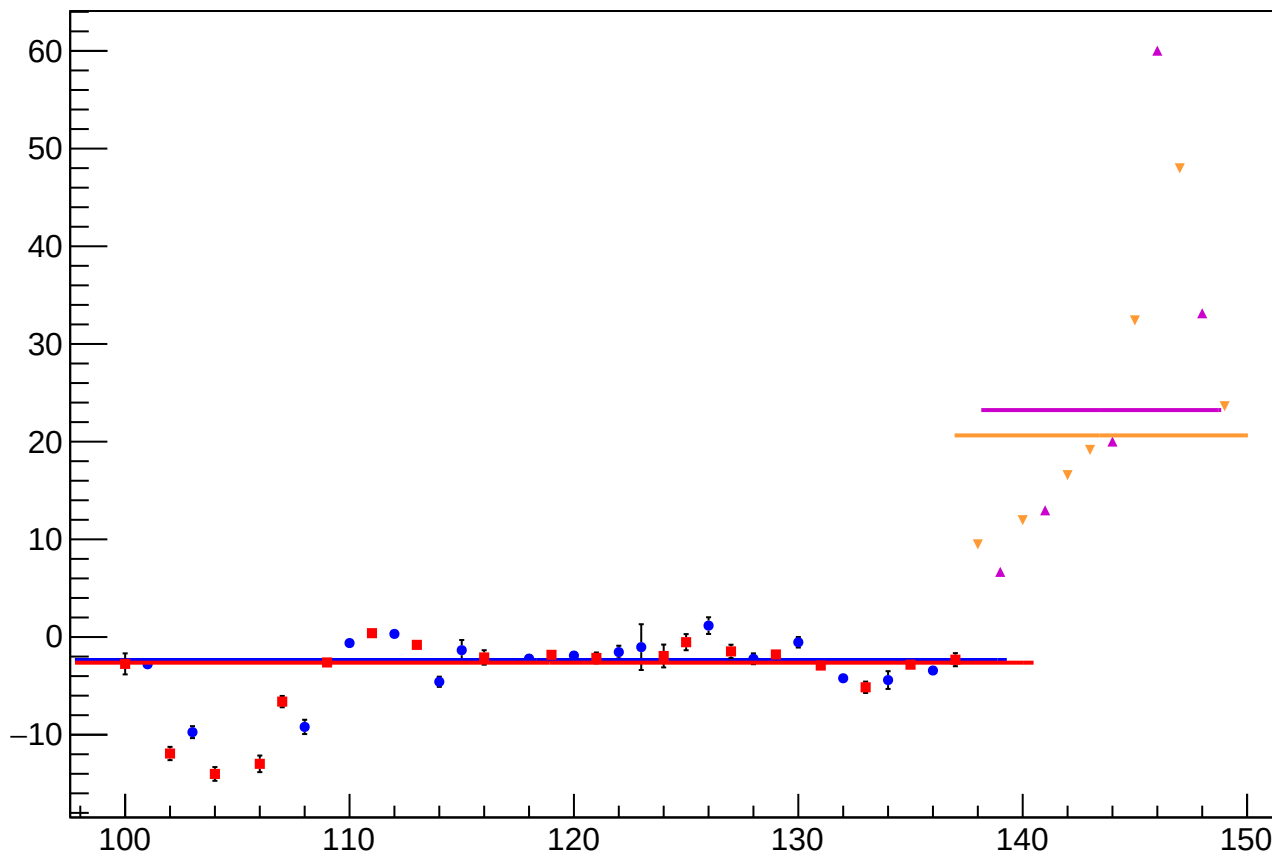
Right: 1.329 ± 0.043 χ^2/NDF : 1603.3/35

In: 1.057 ± 0.050 χ^2/NDF : 1579.3/21

Out: 0.815 ± 0.047 χ^2/NDF : 1309.3/25

All: 0.929 ± 0.034 χ^2/NDF : 2900.8/47

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 $\chi^2/\text{NDF}: 439.7/16$

Left Out: 20.641 ± 0.109 $\chi^2/\text{NDF}: 11791.0/6$

Right Out: -2.624 ± 0.103 $\chi^2/\text{NDF}: 840.4/18$

Left In: 23.233 ± 0.119 $\chi^2/\text{NDF}: 23123.5/4$

Left: 21.826 ± 0.080 $\chi^2/\text{NDF}: 35173.3/11$

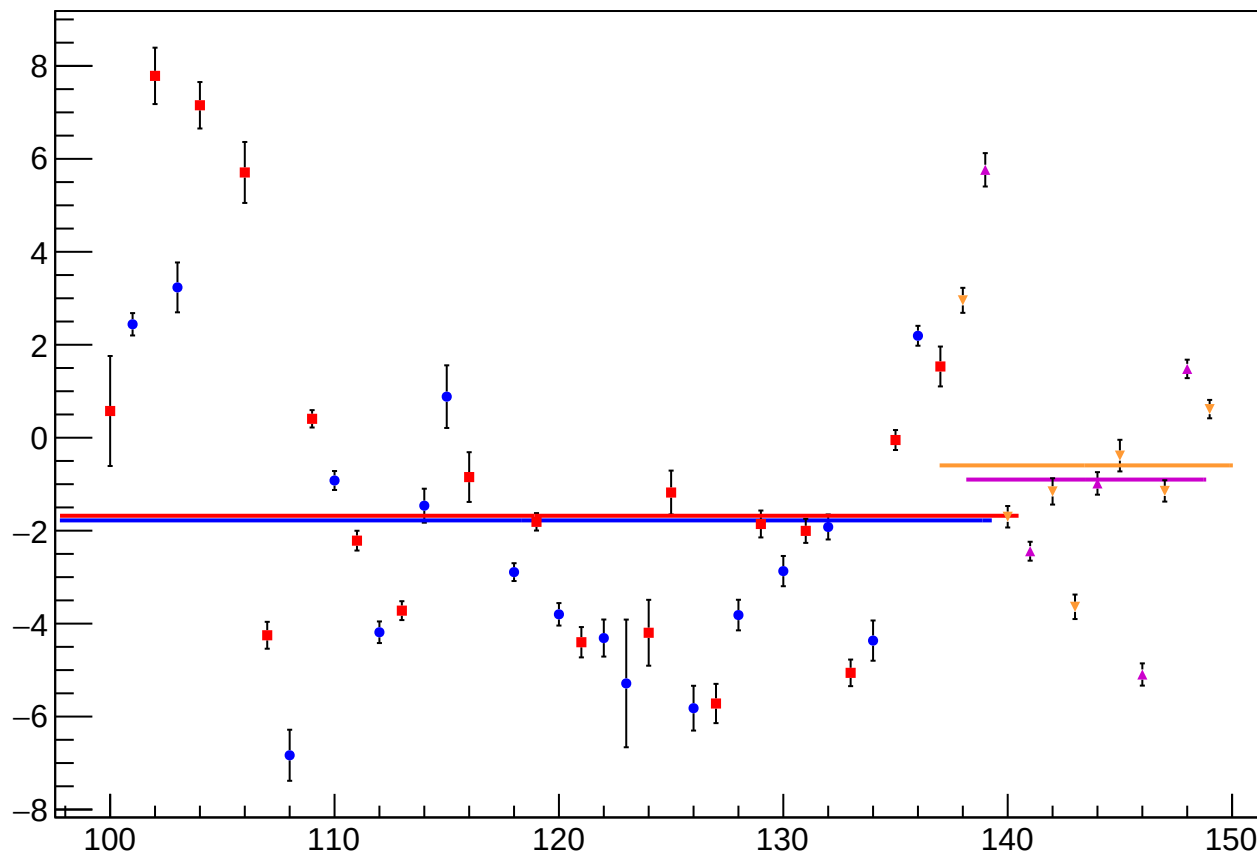
Right: -2.501 ± 0.077 $\chi^2/\text{NDF}: 1283.3/35$

In: 9.957 ± 0.082 $\chi^2/\text{NDF}: 47662.8/21$

Out: 8.384 ± 0.075 $\chi^2/\text{NDF}: 36664.1/25$

All: 9.097 ± 0.055 $\chi^2/\text{NDF}: 84526.4/47$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779 ± 0.072 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -0.596 ± 0.094 $\chi^2/\text{NDF}: 378.0/6$

Right Out: -1.679 ± 0.068 $\chi^2/\text{NDF}: 1429.6/18$

Left In: -0.901 ± 0.104 $\chi^2/\text{NDF}: 853.2/4$

Left: -0.733 ± 0.070 $\chi^2/\text{NDF}: 1236.0/11$

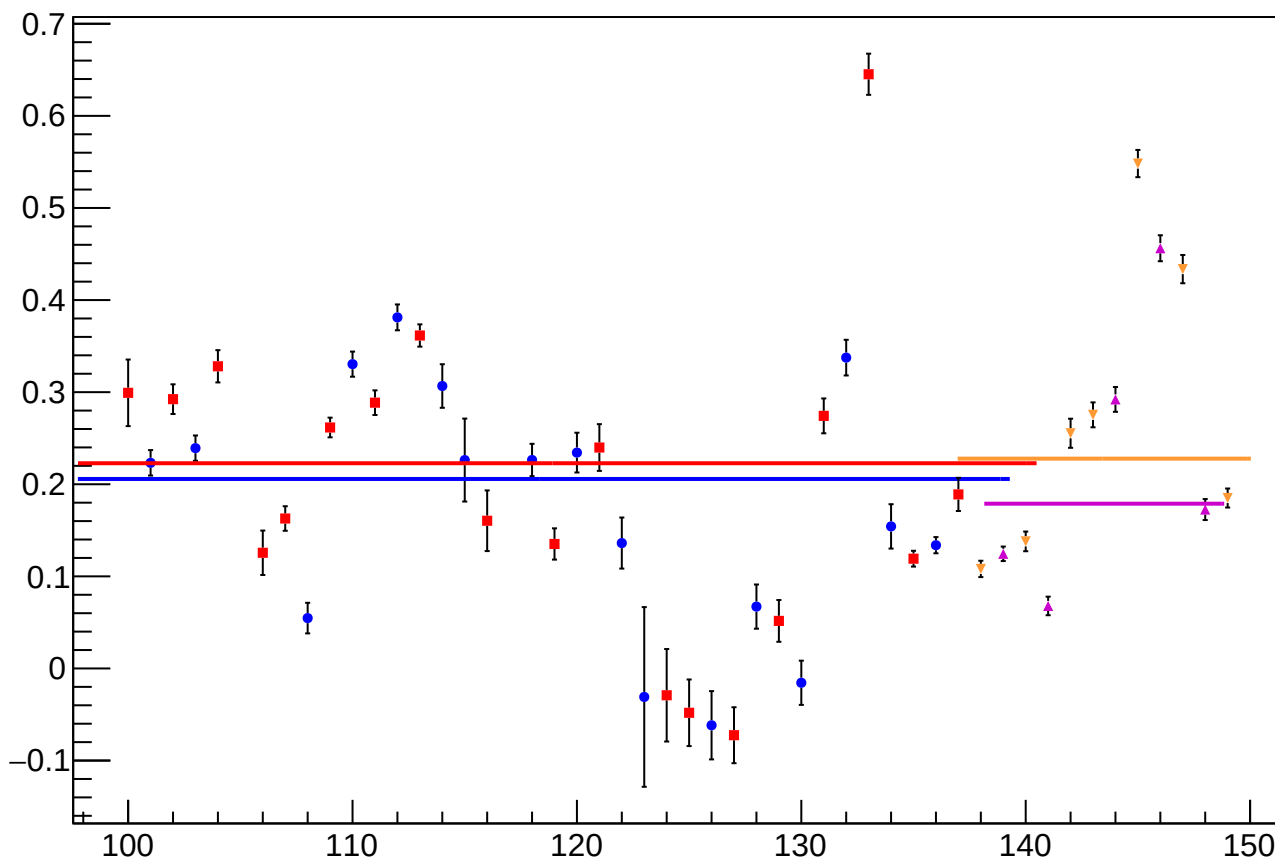
Right: -1.726 ± 0.050 $\chi^2/\text{NDF}: 2702.6/35$

In: -1.494 ± 0.059 $\chi^2/\text{NDF}: 2173.2/21$

Out: -1.308 ± 0.055 $\chi^2/\text{NDF}: 1894.5/25$

All: -1.394 ± 0.040 $\chi^2/\text{NDF}: 4072.9/47$

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: 0.228 ± 0.005 χ^2/NDF : 934.2/6

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.179 ± 0.005 χ^2/NDF : 627.2/4

Left: 0.205 ± 0.003 χ^2/NDF : 1617.1/11

Right: 0.215 ± 0.003 χ^2/NDF : 1702.9/35

In: 0.194 ± 0.003 χ^2/NDF : 1296.7/21

Out: 0.225 ± 0.003 χ^2/NDF : 1977.0/25

All: 0.211 ± 0.002 χ^2/NDF : 3325.8/47