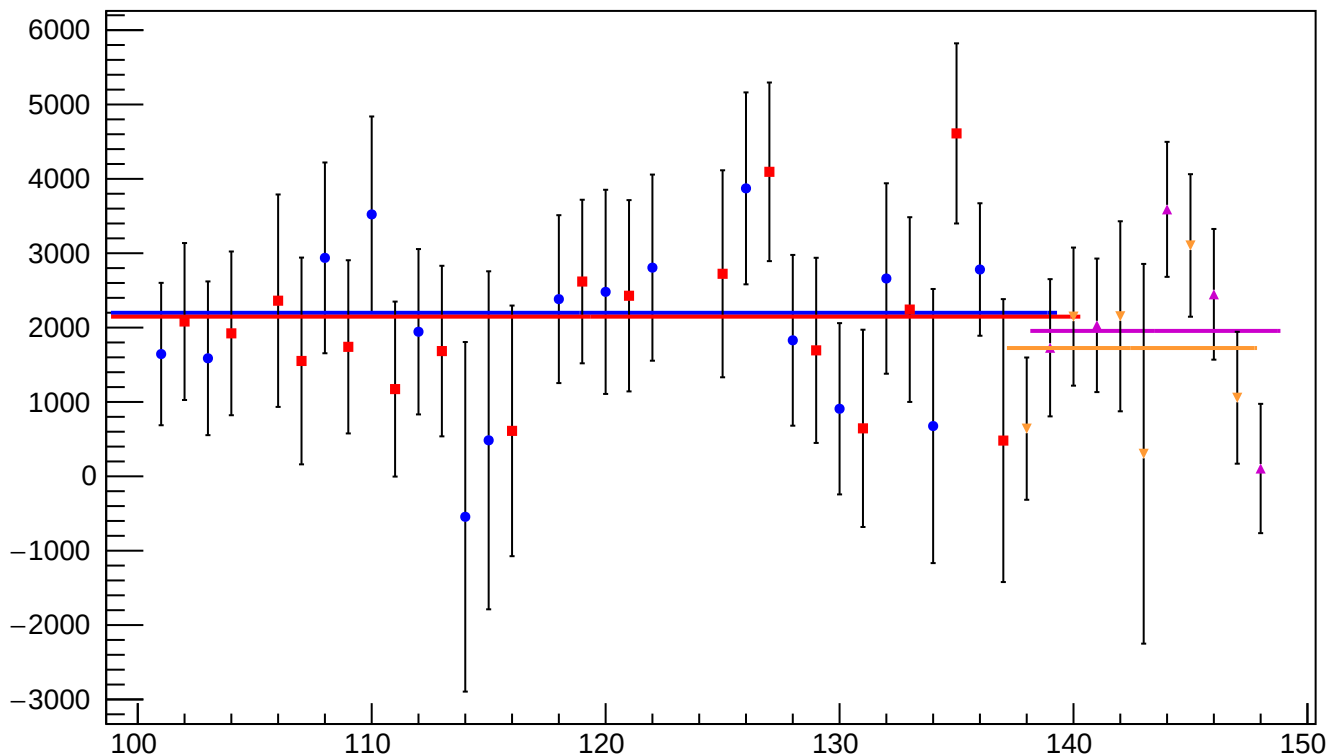


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1725.286+/-431.173

Right Out: 2147.149+/-304.804

Left In: 1955.557+/-400.099

χ^2/NDF : 8.6/15

χ^2/NDF : 4.6/5

χ^2/NDF : 11.4/16

χ^2/NDF : 8.2/4

Left: 1849.017+/-293.283

Right: 2172.848+/-216.219

In: 2108.795+/-243.445

Out: 2006.578+/-248.893

All: 2058.818+/-174.036

χ^2/NDF : 12.9/10

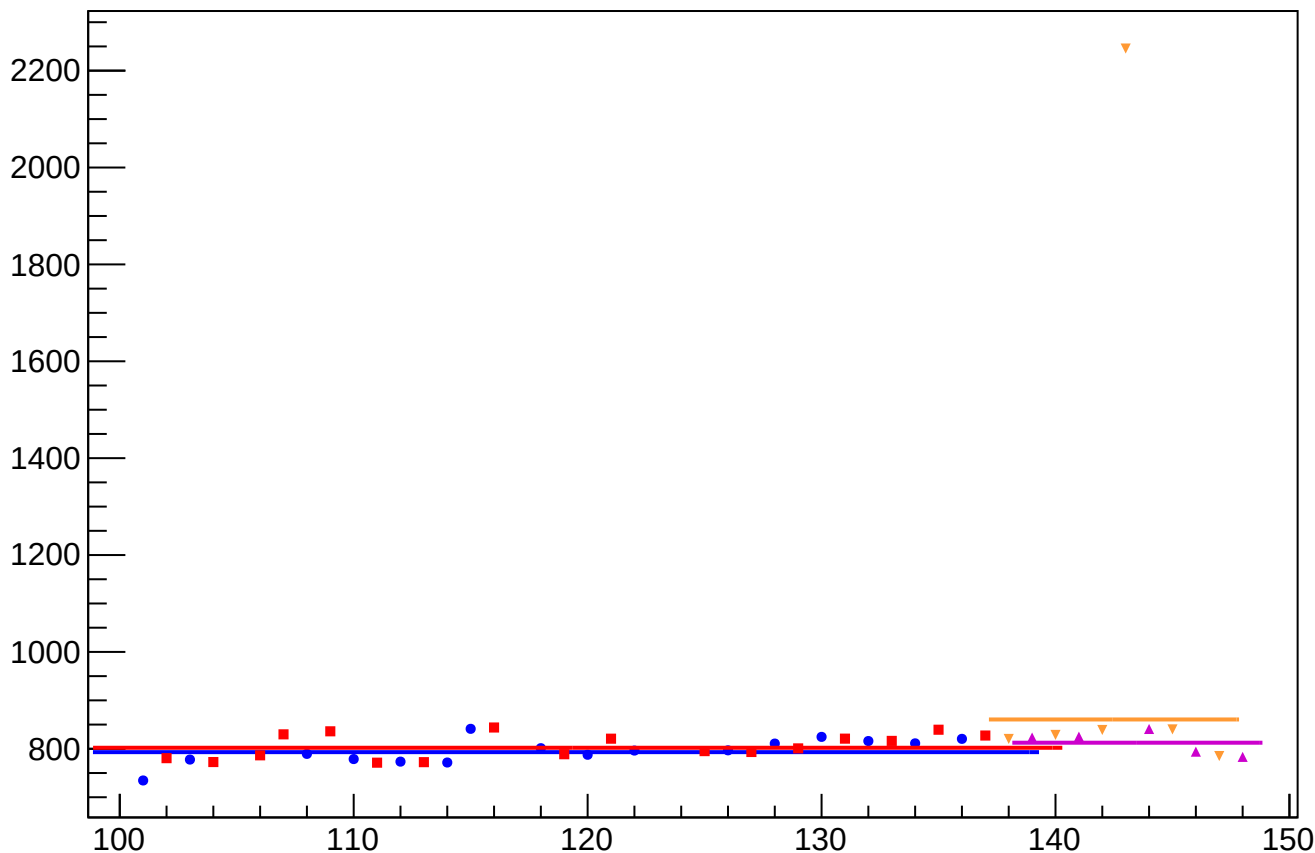
χ^2/NDF : 20.0/32

χ^2/NDF : 17.0/20

χ^2/NDF : 16.6/22

χ^2/NDF : 33.7/43

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2/NDF : 14703.0/15

Left Out: 860.546 $\pm$ 0.305 χ^2/NDF : 610525.8/5

Right Out: 802.148 $\pm$ 0.216 χ^2/NDF : 12723.5/16

Left In: 812.571 $\pm$ 0.283 χ^2/NDF : 5756.7/4

Left: 834.767 $\pm$ 0.207 χ^2/NDF : 629587.1/10

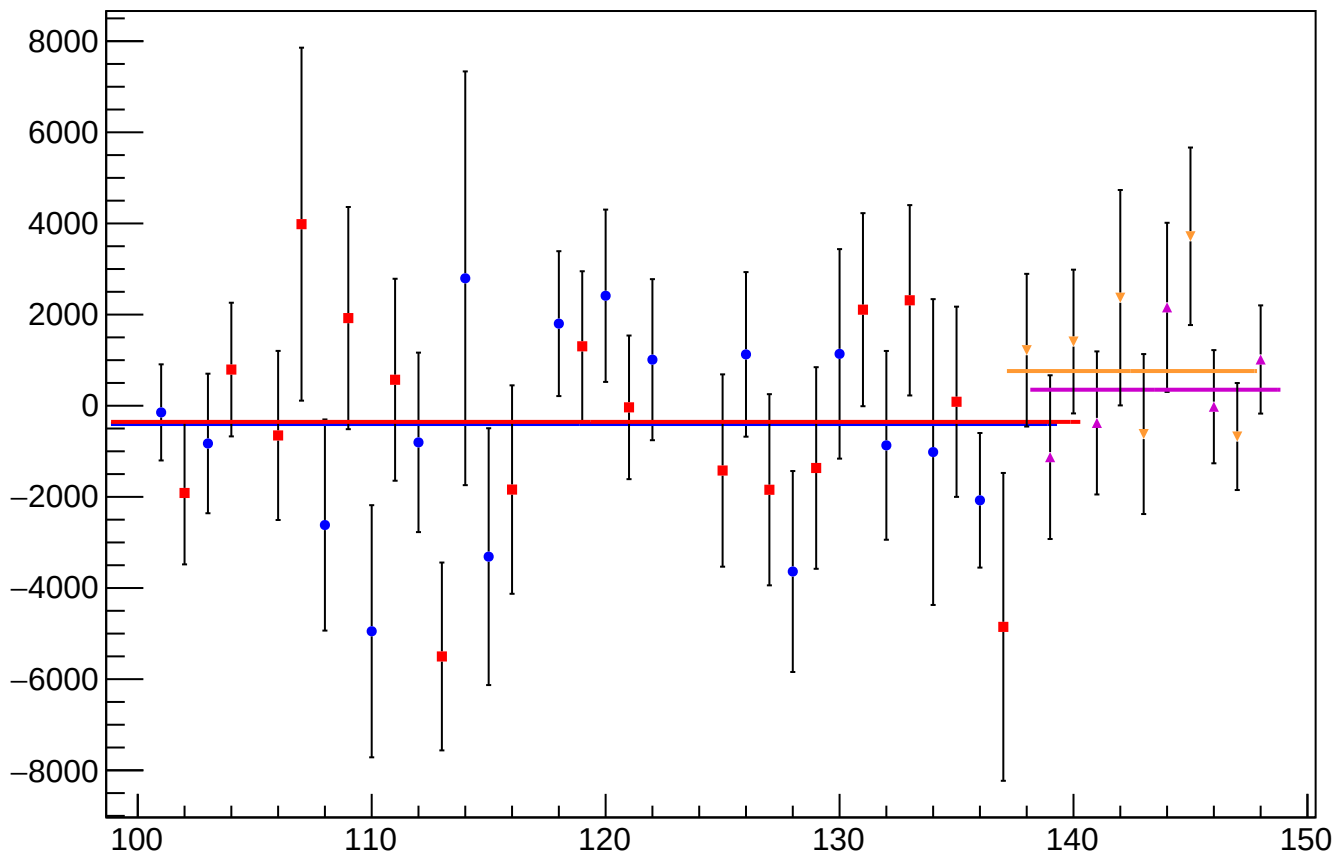
Right: 797.648 $\pm$ 0.153 χ^2/NDF : 28303.8/32

In: 800.303 $\pm$ 0.172 χ^2/NDF : 23445.5/20

Out: 821.607 $\pm$ 0.176 χ^2/NDF : 647712.3/22

All: 810.719 $\pm$ 0.123 χ^2/NDF : 678646.4/43

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: 760.933+/-666.527 χ^2/NDF : 5.1/5

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: 351.358+/-650.425 χ^2/NDF : 2.2/4

Left: 551.138+/-465.508 χ^2/NDF : 7.6/10

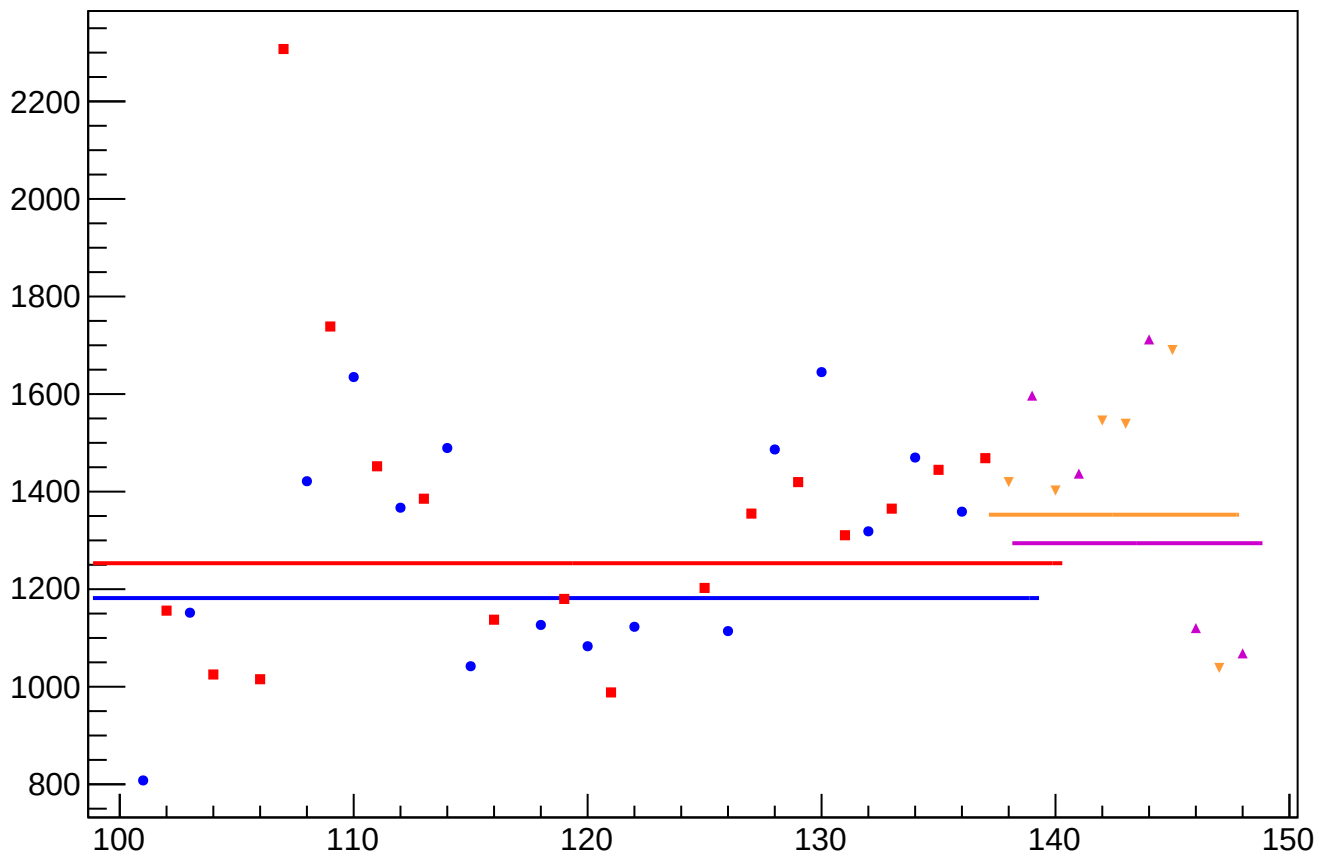
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -144.179+/-380.240 χ^2/NDF : 17.9/20

Out: 33.255+/-392.971 χ^2/NDF : 24.4/22

All: -58.383+/-273.260 χ^2/NDF : 42.4/43

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2/NDF : 543493.3/15

Left Out: 1352.645 $\pm$ 0.471 χ^2/NDF : 244322.5/5

Right Out: 1253.221 $\pm$ 0.344 χ^2/NDF : 455640.3/16

Left In: 1294.244 $\pm$ 0.460 χ^2/NDF : 286270.3/4

Left: 1322.730 $\pm$ 0.329 χ^2/NDF : 538457.9/10

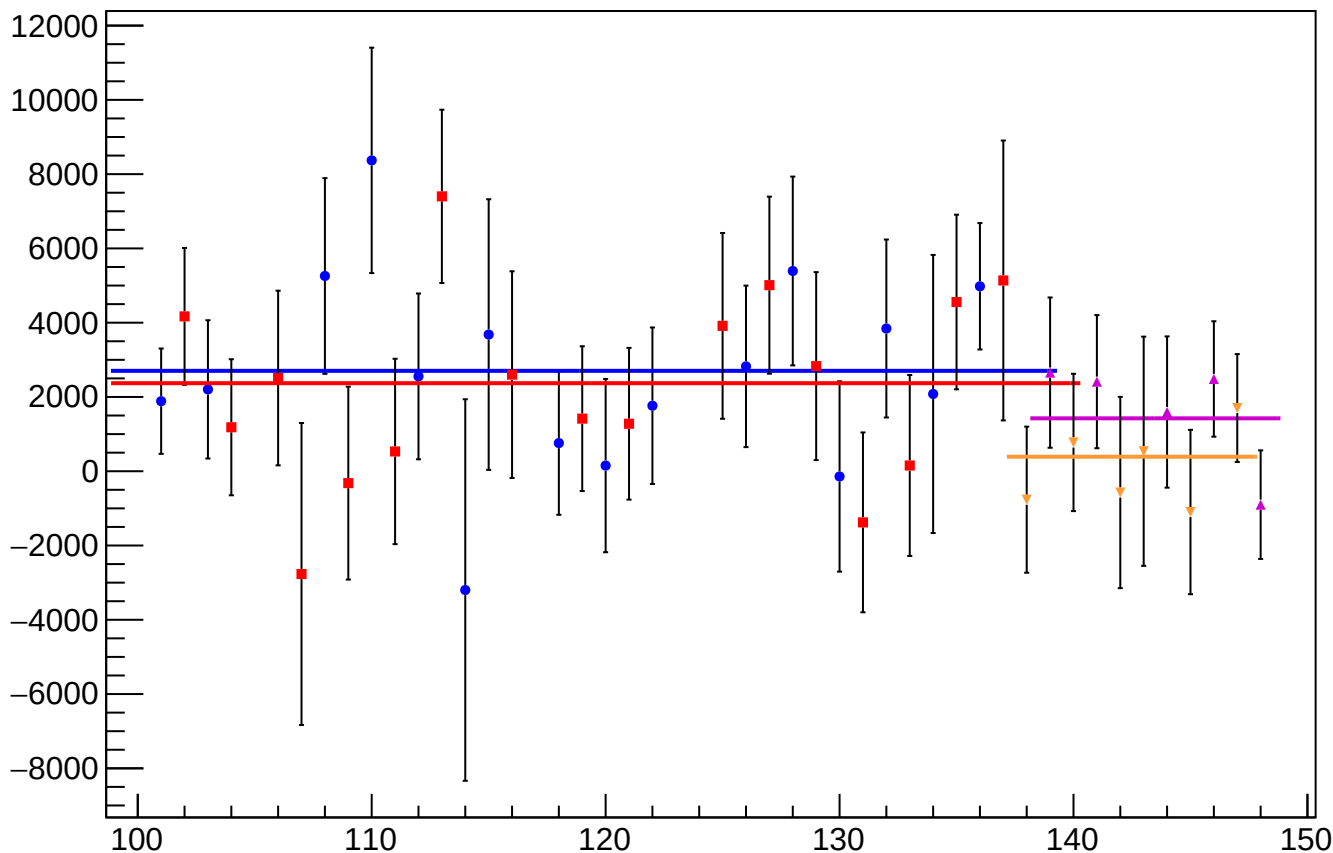
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

In: 1220.207 $\pm$ 0.269 χ^2/NDF : 869132.0/20

Out: 1287.781 $\pm$ 0.278 χ^2/NDF : 728995.5/22

All: 1252.882 $\pm$ 0.193 χ^2/NDF : 1628670.3/43

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2 /NDF: 13.0/15

Left Out: 390.951 $\pm$ 820.744 χ^2 /NDF:1.8/5

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

Left In: 1424.485 $\pm$ 771.854 χ^2 /NDF:3.7/4

Left: 939.416 $\pm$ 562.273 χ^2 /NDF: 6.3/10

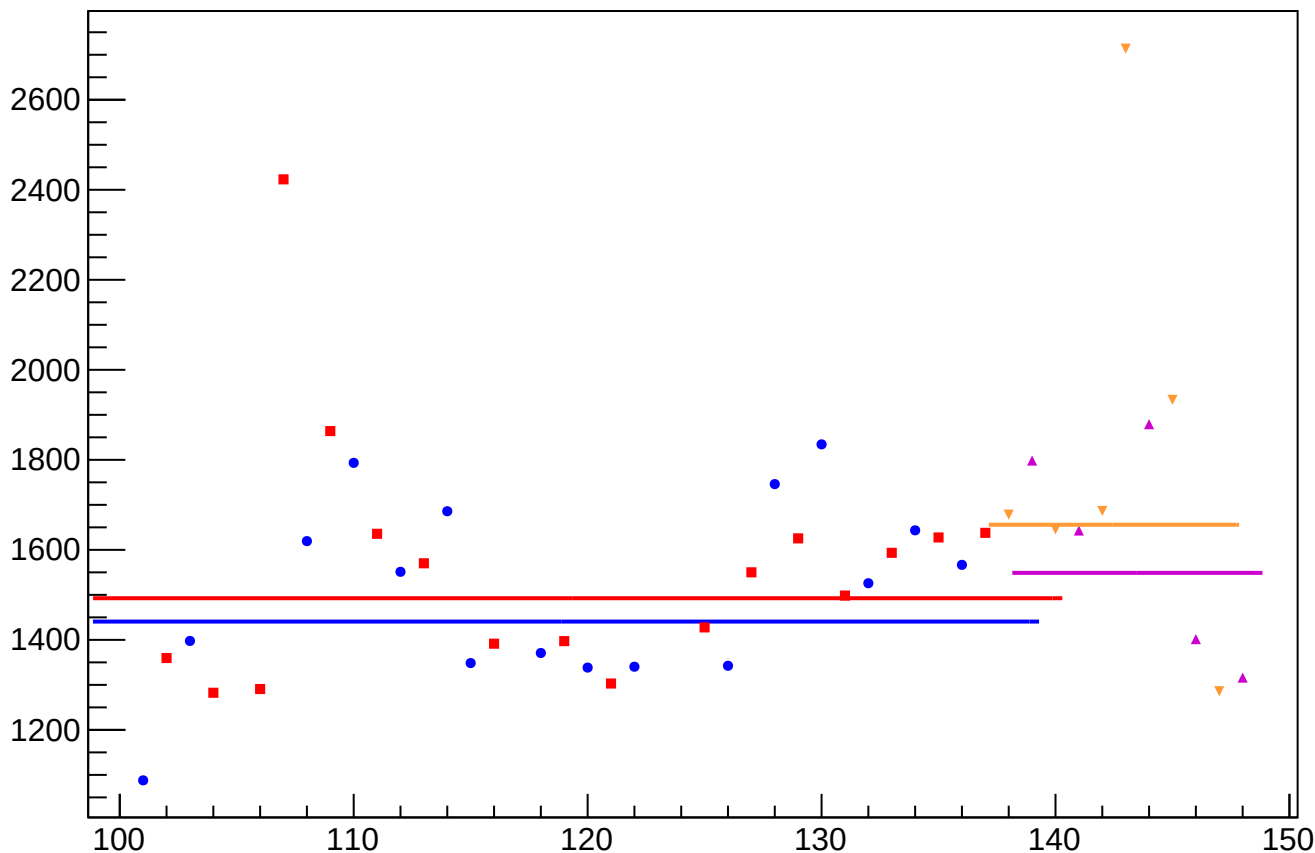
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2257.901 $\pm$ 455.648 χ^2 /NDF:18.5/20

Out: 1721.168 $\pm$ 470.094 χ^2 /NDF:21.7/22

All: 1997.908 $\pm$ 327.179 χ^2 /NDF: 40.9/43

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1655.770+/-0.580 χ^2/NDF : 396600.9/5

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1548.889+/-0.546 χ^2/NDF : 157171.3/4

Left: 1599.051+/-0.398 χ^2/NDF : 571771.0/10

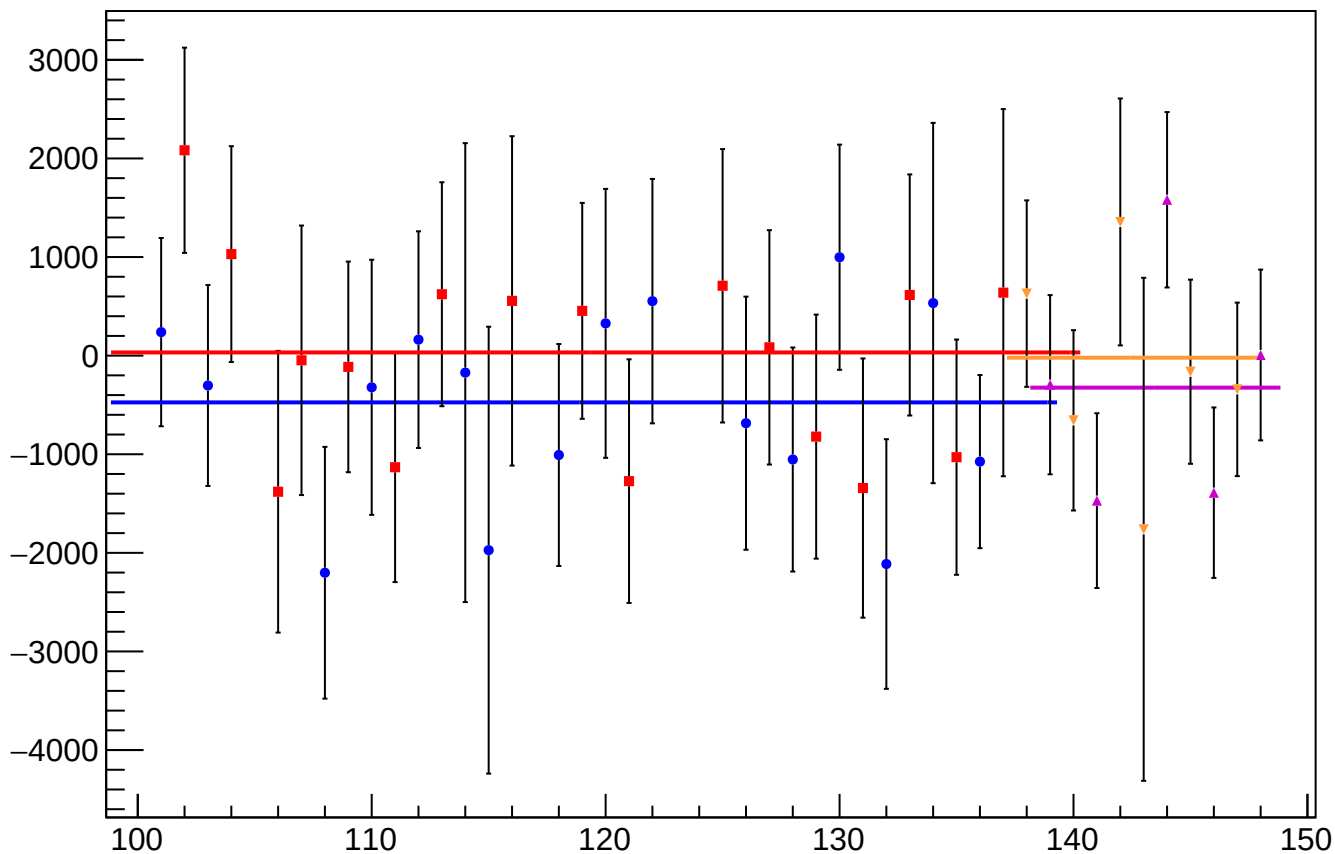
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1478.372+/-0.322 χ^2/NDF : 465056.6/20

Out: 1546.082+/-0.332 χ^2/NDF : 701269.3/22

All: 1511.171+/-0.231 χ^2/NDF : 1187719.8/43

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2 /NDF: 8.9/15

Left Out: -20.919 $\pm$ 424.686 χ^2 /NDF:2.8/5

Right Out: 32.454 $\pm$ 299.611 χ^2 /NDF: 11.3/16

Left In: -324.378 $\pm$ 394.666 χ^2 /NDF:7.9/4

Left: -183.752 $\pm$ 289.102 χ^2 /NDF: 11.0/10

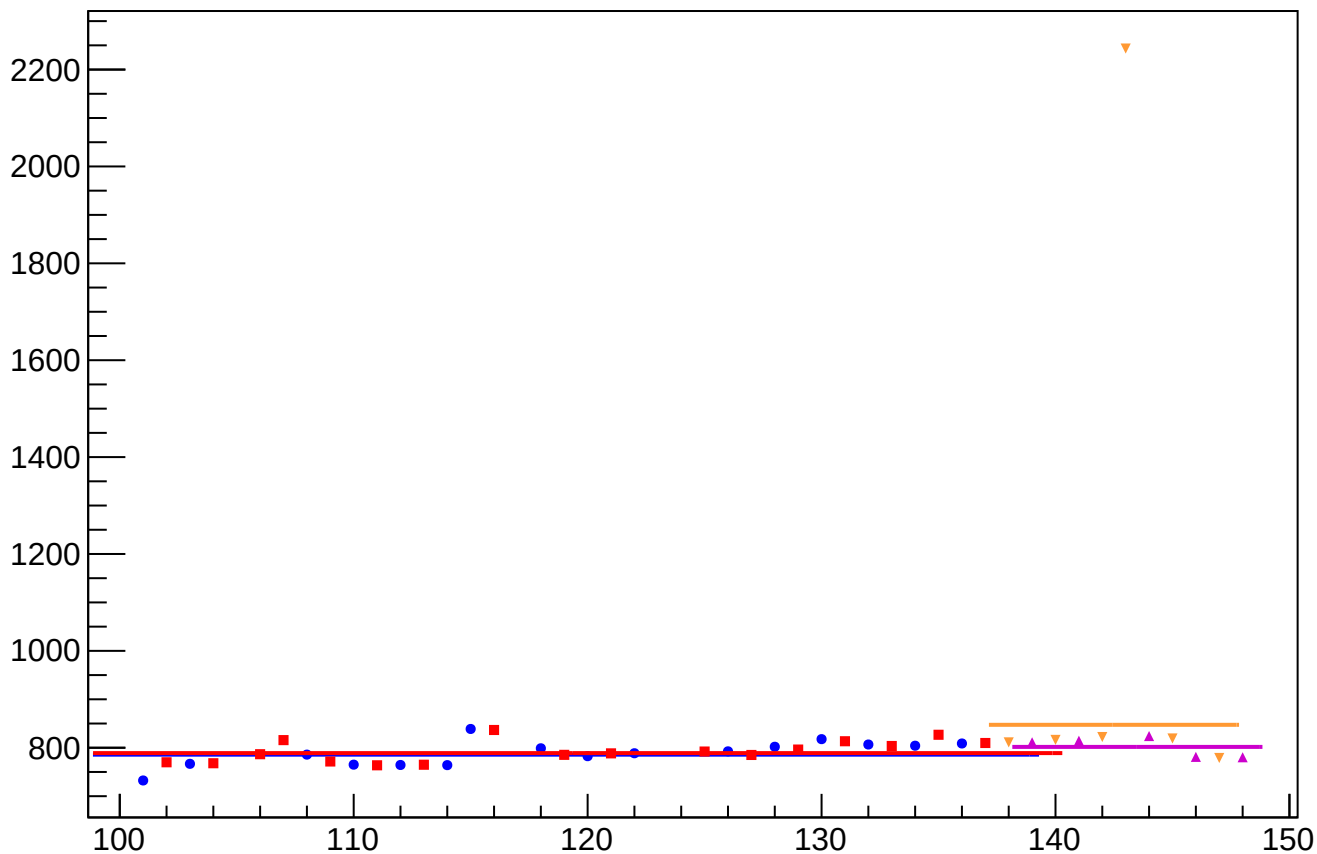
Right: -217.229 $\pm$ 213.362 χ^2 /NDF: 21.6/32

In: -418.389 $\pm$ 240.794 χ^2 /NDF:16.9/20

Out: 14.717 $\pm$ 244.818 χ^2 /NDF:14.1/22

All: -205.425 $\pm$ 171.672 χ^2 /NDF: 32.6/43

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 847.337 $\pm$ 0.300 χ^2 /NDF: 619200.5/5

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 801.743 $\pm$ 0.279 χ^2 /NDF: 4251.4/4

Left: 822.872 $\pm$ 0.204 χ^2 /NDF: 635821.8/10

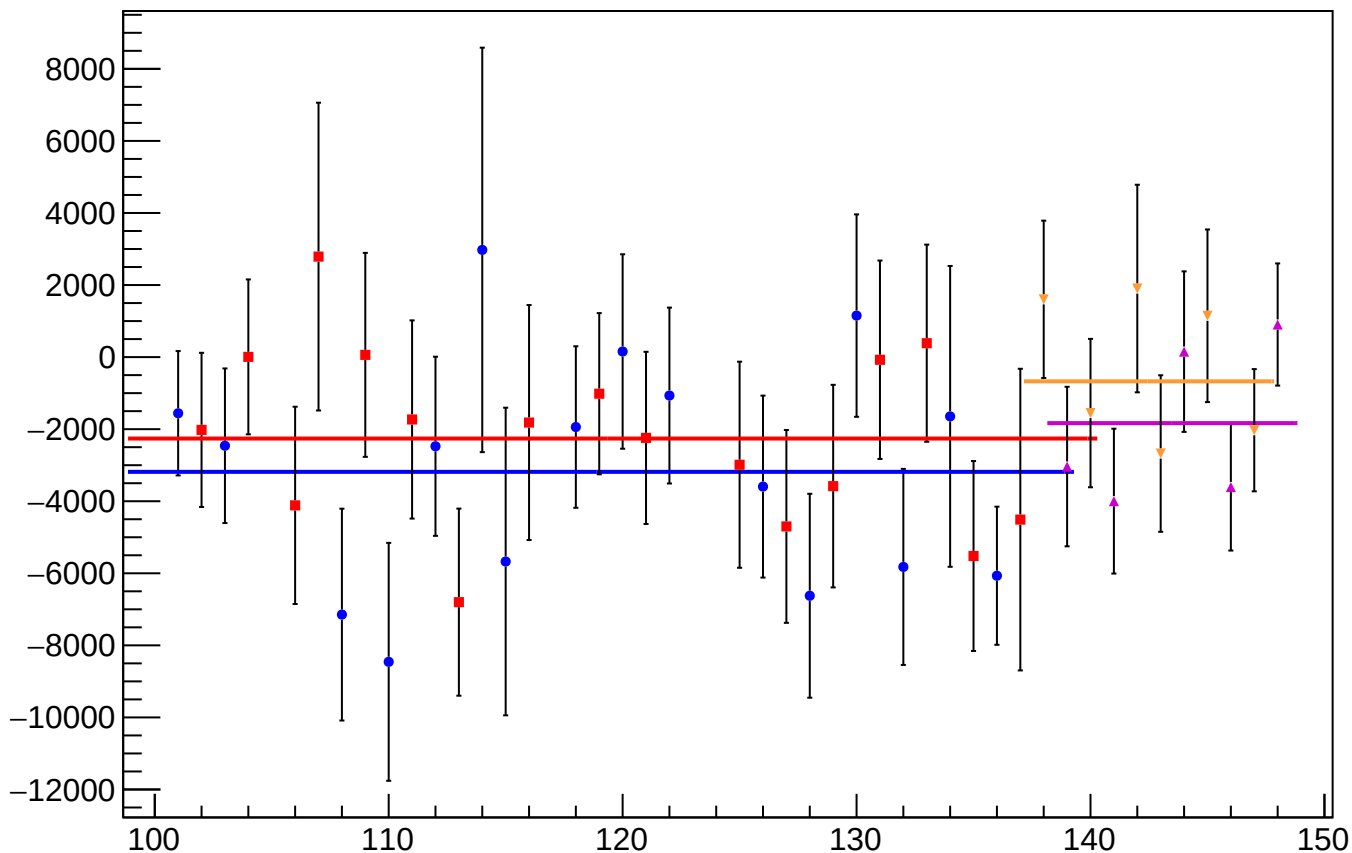
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 791.700 $\pm$ 0.170 χ^2 /NDF: 20235.6/20

Out: 808.347 $\pm$ 0.173 χ^2 /NDF: 653974.7/22

All: 799.886 $\pm$ 0.121 χ^2 /NDF: 678910.1/43

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -672.204 $\pm$ 877.110 χ^2/NDF : 4.1/5

Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16

Left In: -1832.000 $\pm$ 869.551 χ^2/NDF : 5.9/4

Left: -1257.121 $\pm$ 617.520 χ^2/NDF : 10.9/10

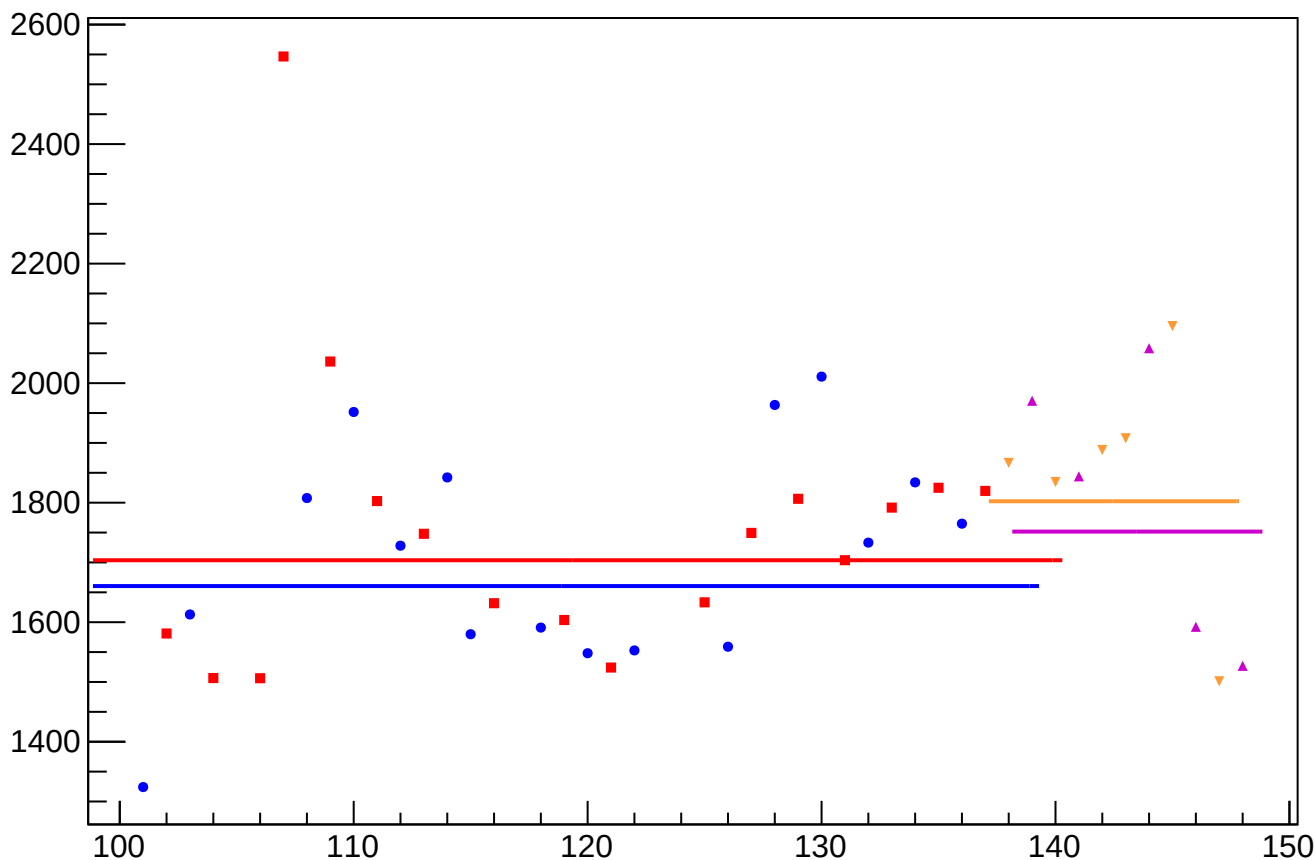
Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32

In: -2702.210 $\pm$ 519.262 χ^2/NDF : 24.2/20

Out: -1695.096 $\pm$ 523.243 χ^2/NDF : 17.8/22

All: -2202.499 $\pm$ 368.573 χ^2/NDF : 43.9/43

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2/NDF : 179206.0/15

Left Out: 1802.416 $\pm$ 0.620 χ^2/NDF : 101733.2/5

Right Out: 1703.679 $\pm$ 0.461 χ^2/NDF : 171025.5/16

Left In: 1751.608 $\pm$ 0.615 χ^2/NDF : 113151.0/4

Left: 1776.792 $\pm$ 0.437 χ^2/NDF : 218268.7/10

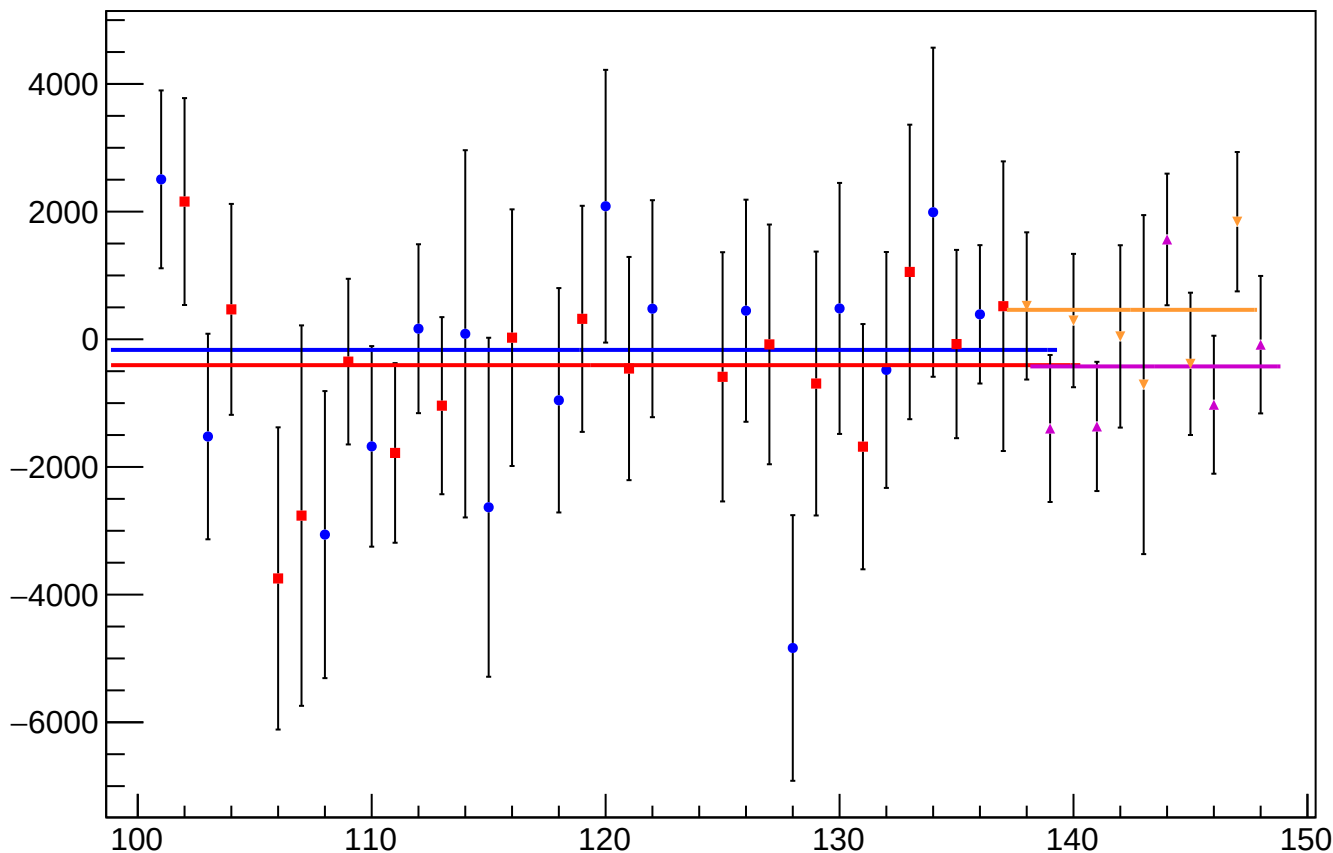
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1692.965 $\pm$ 0.367 χ^2/NDF : 306495.5/20

Out: 1738.817 $\pm$ 0.370 χ^2/NDF : 289083.4/22

All: 1715.716 $\pm$ 0.261 χ^2/NDF : 603316.9/43

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 461.294 ± 503.523 $\chi^2/\text{NDF}: 2.5/5$

Right Out: -405.286 ± 428.618 $\chi^2/\text{NDF}: 7.9/16$

Left In: -424.996 ± 477.285 $\chi^2/\text{NDF}: 5.7/4$

Left: -5.543 ± 346.396 $\chi^2/\text{NDF}: 9.8/10$

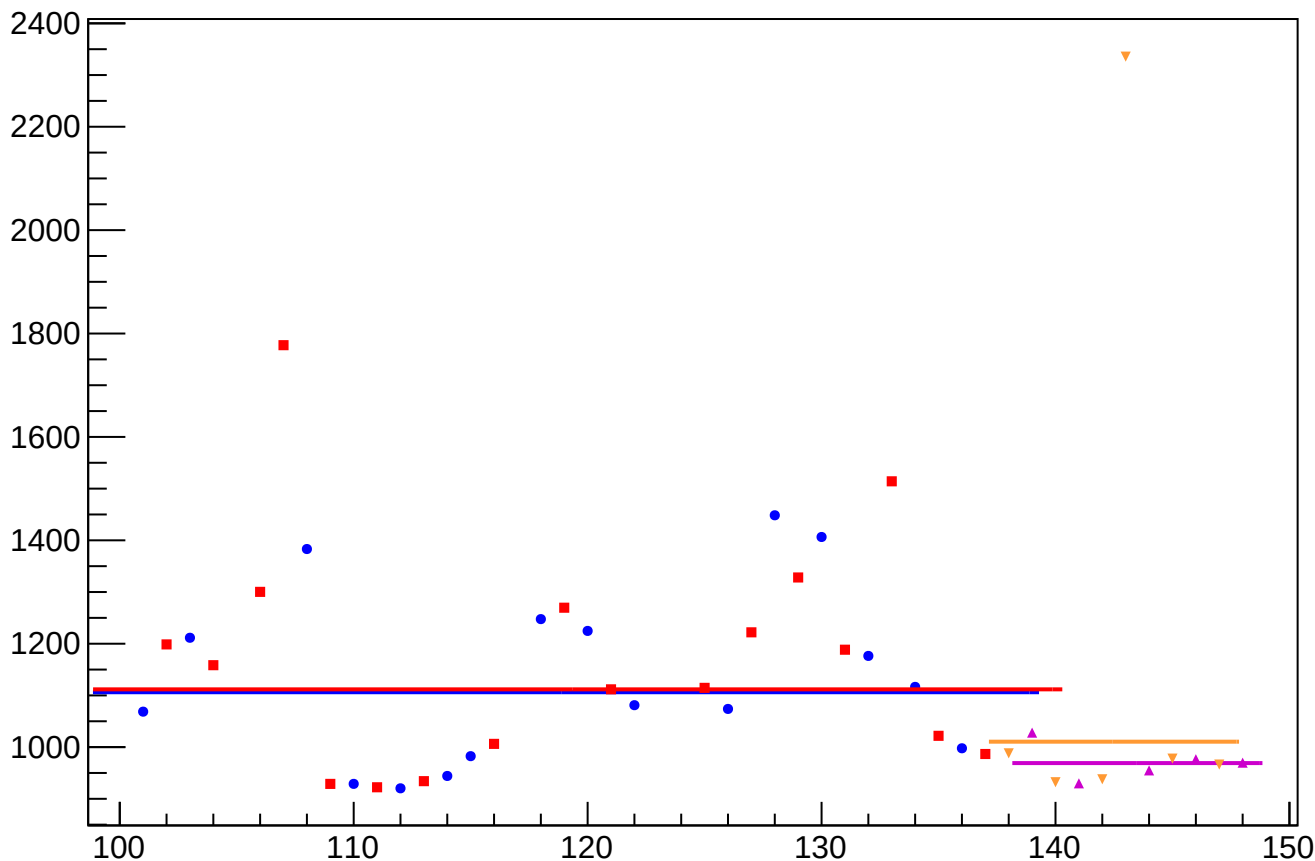
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -283.029 ± 320.563 $\chi^2/\text{NDF}: 21.5/20$

Out: -41.186 ± 326.382 $\chi^2/\text{NDF}: 12.1/22$

All: -164.282 ± 228.702 $\chi^2/\text{NDF}: 33.9/43$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 1010.509+/-0.356 χ^2/NDF : 520272.9/5

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 969.111+/-0.337 χ^2/NDF : 8700.5/4

Left: 988.704+/-0.245 χ^2/NDF : 536094.3/10

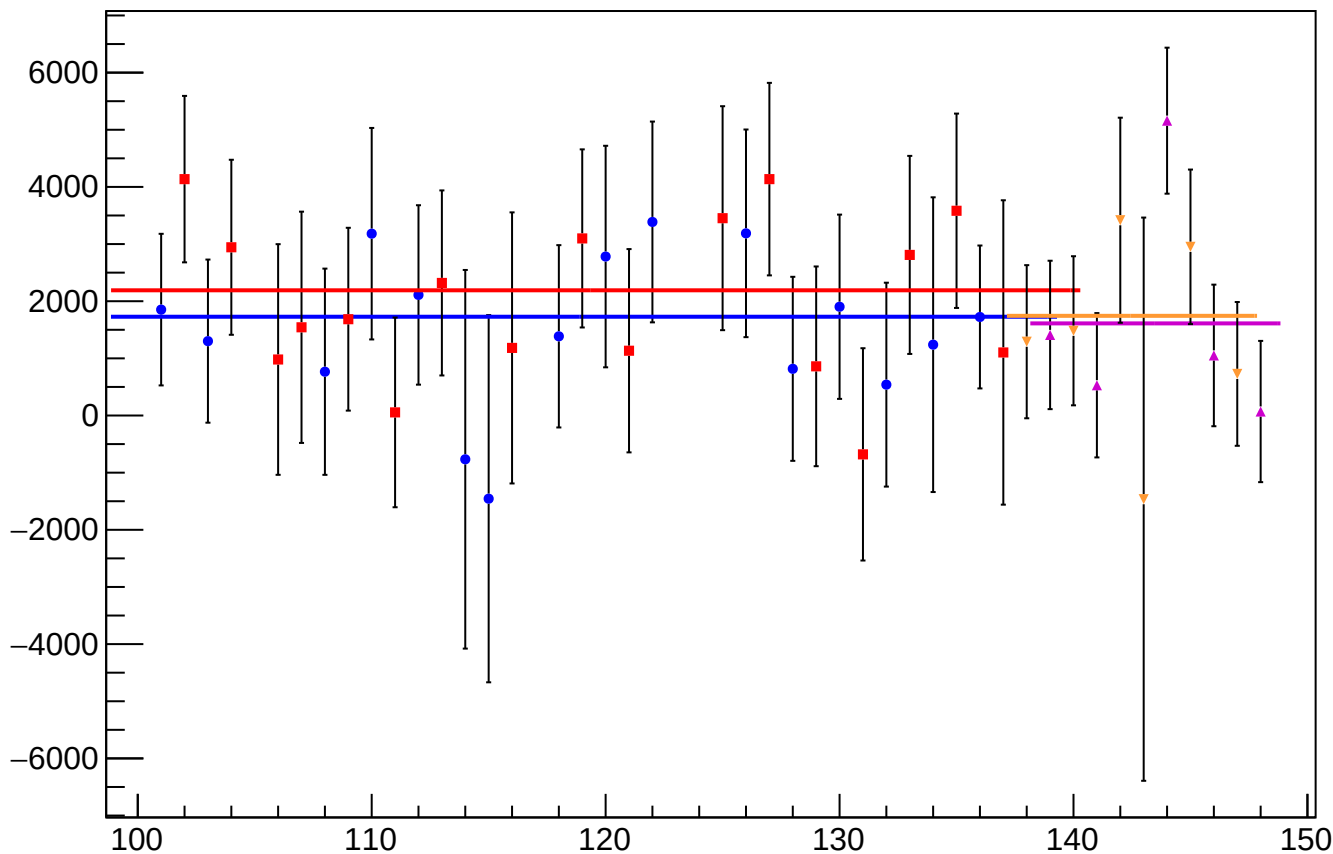
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1044.337+/-0.227 χ^2/NDF : 359131.4/20

Out: 1069.199+/-0.231 χ^2/NDF : 923521.7/22

All: 1056.544+/-0.162 χ^2/NDF : 1288560.1/43

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2/NDF : 5.3/15

Left Out: 1744.232 $\pm$ 611.361 χ^2/NDF : 2.9/5

Right Out: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

Left In: 1611.949 $\pm$ 564.386 χ^2/NDF : 10.2/4

Left: 1672.814 $\pm$ 414.695 χ^2/NDF : 13.2/10

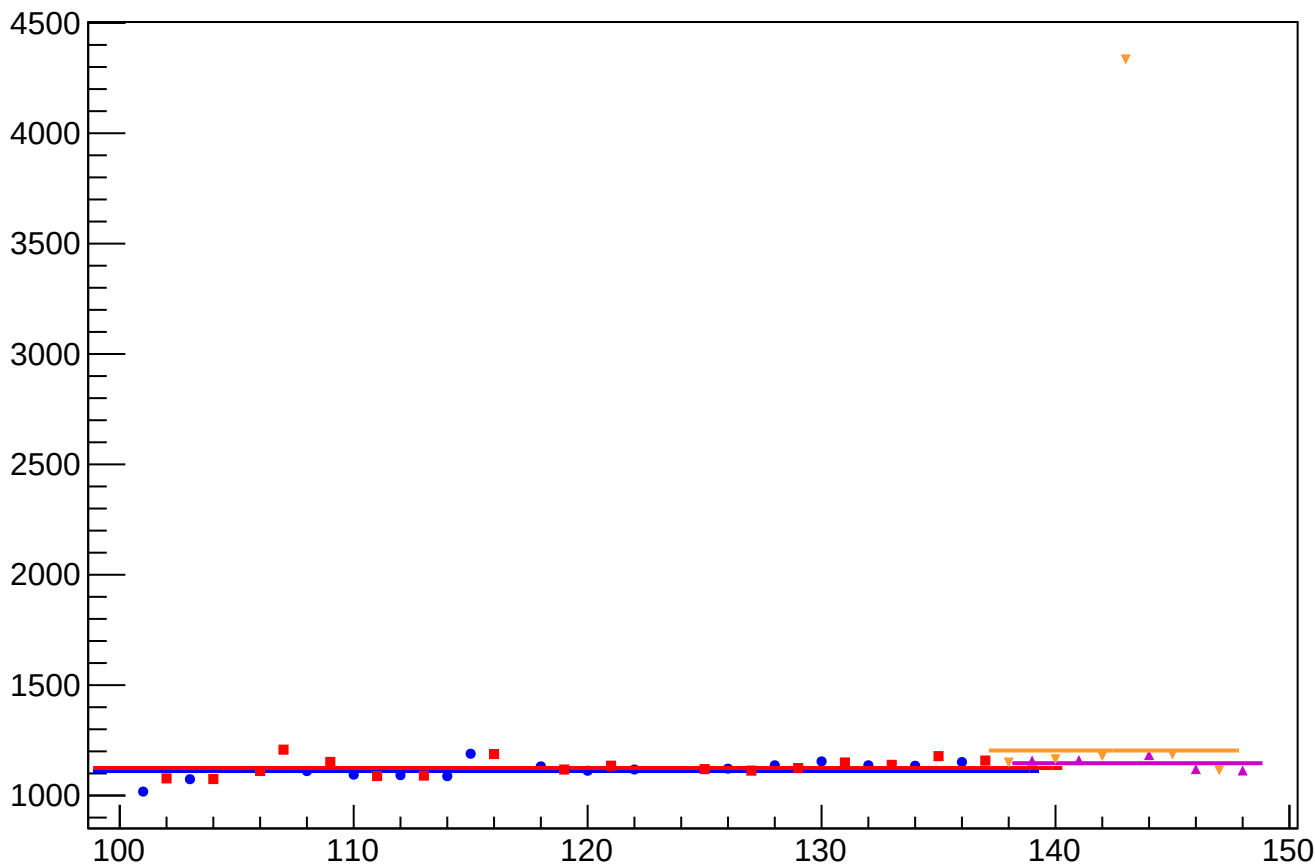
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1685.695 $\pm$ 341.939 χ^2/NDF : 15.6/20

Out: 2044.394 $\pm$ 350.190 χ^2/NDF : 14.1/22

All: 1860.769 $\pm$ 244.652 χ^2/NDF : 30.2/43

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1203.916+/-0.432 χ^2/NDF : 823387.9/5

Right Out: 1124.514+/-0.302 χ^2/NDF : 14600.7/16

Left In: 1146.342+/-0.399 χ^2/NDF : 4465.7/4

Left: 1172.832+/-0.293 χ^2/NDF : 837429.9/10

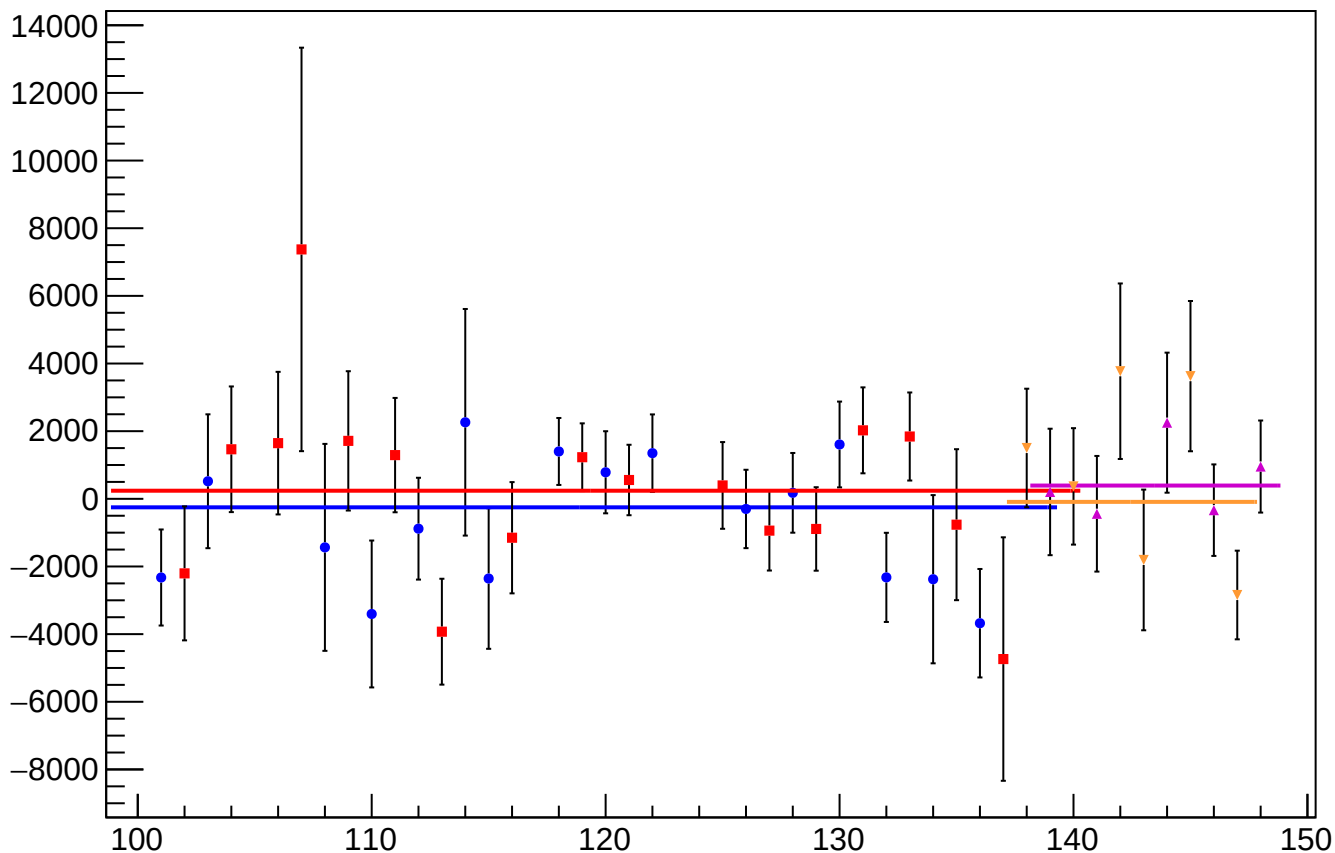
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1123.999+/-0.242 χ^2/NDF : 27508.7/20

Out: 1150.566+/-0.248 χ^2/NDF : 860655.6/22

All: 1136.966+/-0.173 χ^2/NDF : 894056.9/43

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: -89.930+/-739.659 χ^2/NDF : 11.0/5

Right Out: 239.863+/-363.842 χ^2/NDF : 21.1/16

Left In: 392.520+/-716.407 χ^2/NDF : 1.5/4

Left: 158.998+/-514.600 χ^2/NDF : 12.7/10

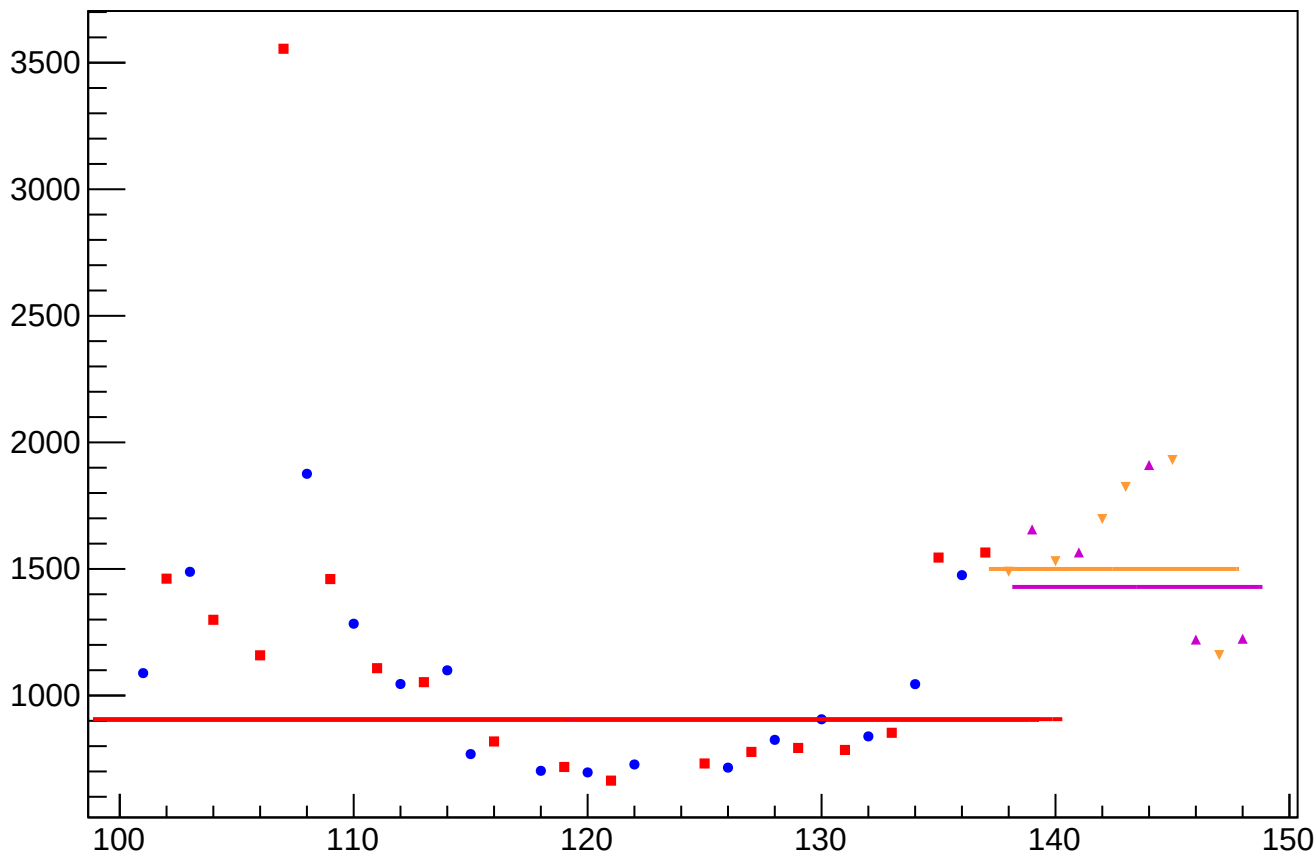
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -118.669+/-325.188 χ^2/NDF : 24.0/20

Out: 175.610+/-326.480 χ^2/NDF : 32.2/22

All: 27.887+/-230.398 χ^2/NDF : 56.6/43

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1500.031+/-0.523 χ^2/NDF : 270763.2/5

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1429.036+/-0.507 χ^2/NDF : 242978.3/4

Left: 1463.400+/-0.364 χ^2/NDF : 523248.5/10

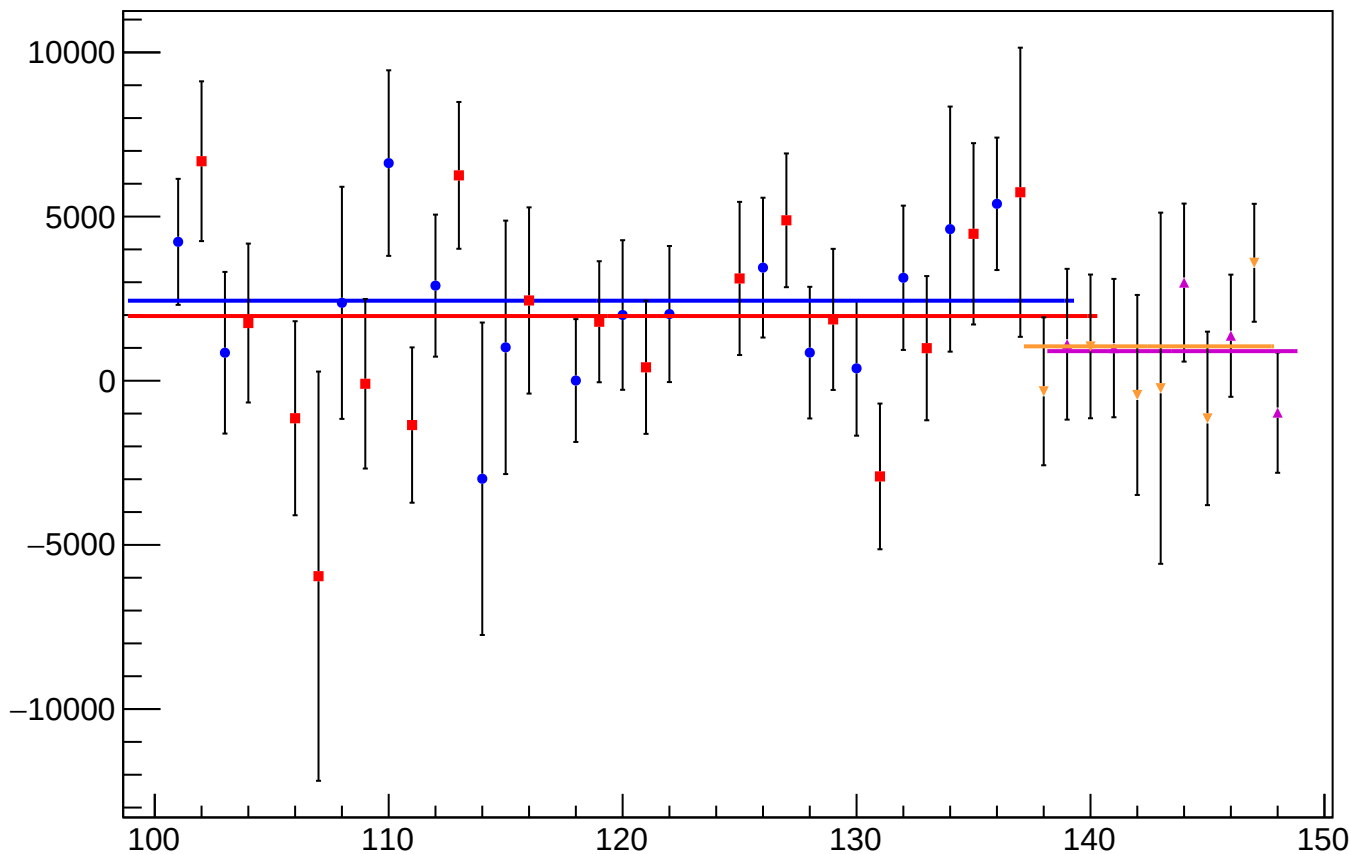
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1012.566+/-0.230 χ^2/NDF : 2115368.2/20

Out: 1022.212+/-0.231 χ^2/NDF : 2683424.0/22

All: 1017.370+/-0.163 χ^2/NDF : 4799668.7/43

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2/NDF : 11.2/15

Left Out: 1047.403 $\pm$ 999.106 χ^2/NDF : 3.4/5

Right Out: 1970.445 $\pm$ 586.663 χ^2/NDF : 22.3/16

Left In: 901.234 $\pm$ 922.905 χ^2/NDF : 1.9/4

Left: 968.533 $\pm$ 677.933 χ^2/NDF : 5.2/10

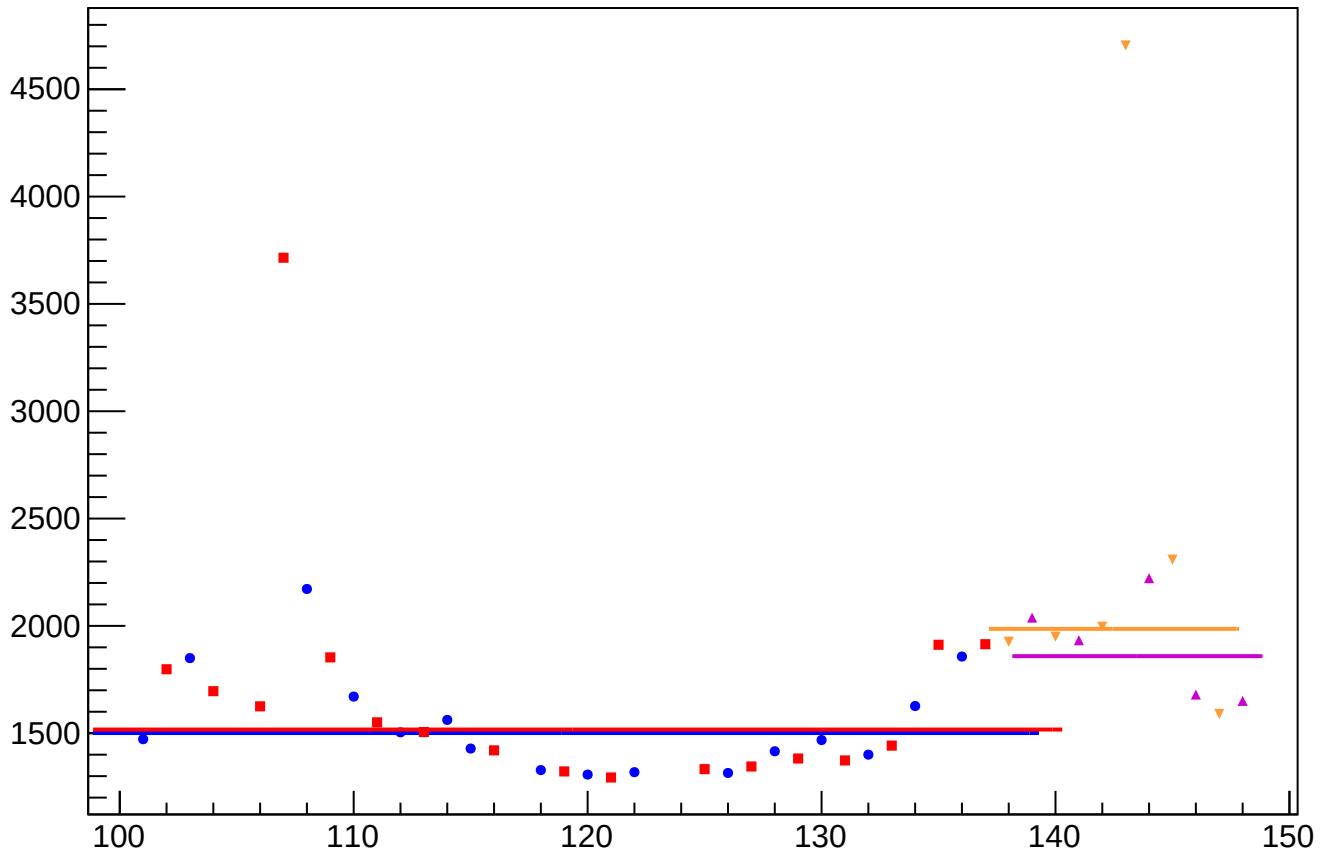
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1995.851 $\pm$ 494.841 χ^2/NDF : 15.0/20

Out: 1733.786 $\pm$ 505.897 χ^2/NDF : 26.3/22

All: 1867.714 $\pm$ 353.749 χ^2/NDF : 41.4/43

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 $\pm$ 0.415 χ^2/NDF : 256227.7/15

Left Out: 1986.104 $\pm$ 0.706 χ^2/NDF : 645629.2/5

Right Out: 1517.120 $\pm$ 0.415 χ^2/NDF : 475046.3/16

Left In: 1858.901 $\pm$ 0.653 χ^2/NDF : 104622.3/4

Left: 1917.467 $\pm$ 0.479 χ^2/NDF : 767744.2/10

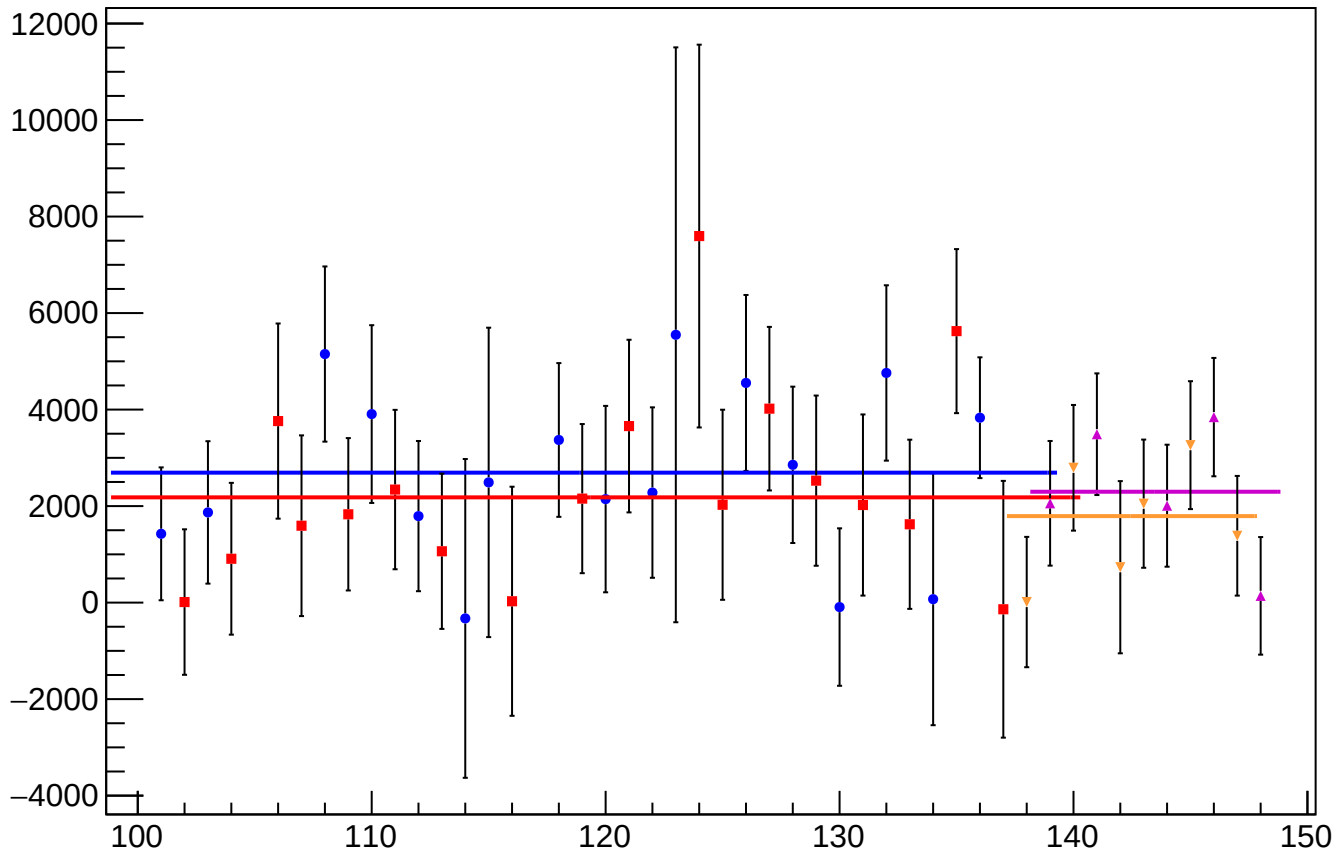
Right: 1508.969 $\pm$ 0.293 χ^2/NDF : 732045.6/32

In: 1603.770 $\pm$ 0.350 χ^2/NDF : 575361.3/20

Out: 1637.362 $\pm$ 0.358 χ^2/NDF : 1448369.7/22

All: 1620.195 $\pm$ 0.250 χ^2/NDF : 2028237.5/43

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2 /NDF: 12.2/16

Left Out: 1792.377 $\pm$ 555.706 χ^2 /NDF: 4.1/5

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

Left In: 2297.569 $\pm$ 559.612 χ^2 /NDF: 5.7/4

Left: 2043.203 $\pm$ 394.317 χ^2 /NDF: 10.2/10

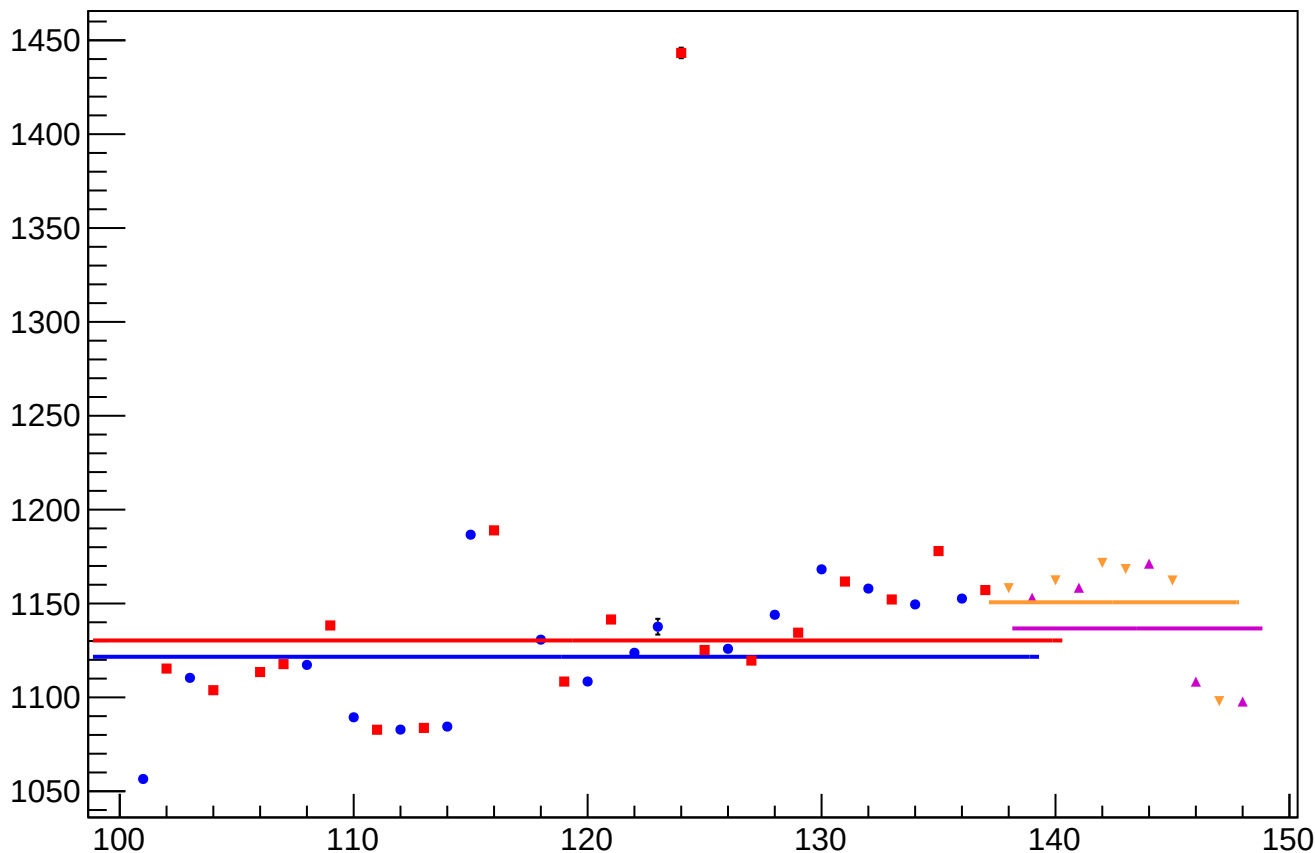
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2545.079 $\pm$ 342.267 χ^2 /NDF: 18.3/21

Out: 2037.375 $\pm$ 337.814 χ^2 /NDF: 17.9/23

All: 2287.903 $\pm$ 240.429 χ^2 /NDF: 37.3/45

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 $\pm$ 0.306 χ^2/NDF : 11980.2/16

Left Out: 1150.657 $\pm$ 0.393 χ^2/NDF : 4611.4/5

Right Out: 1130.316 $\pm$ 0.301 χ^2/NDF : 21276.1/17

Left In: 1136.719 $\pm$ 0.396 χ^2/NDF : 5512.5/4

Left: 1143.737 $\pm$ 0.279 χ^2/NDF : 10748.5/10

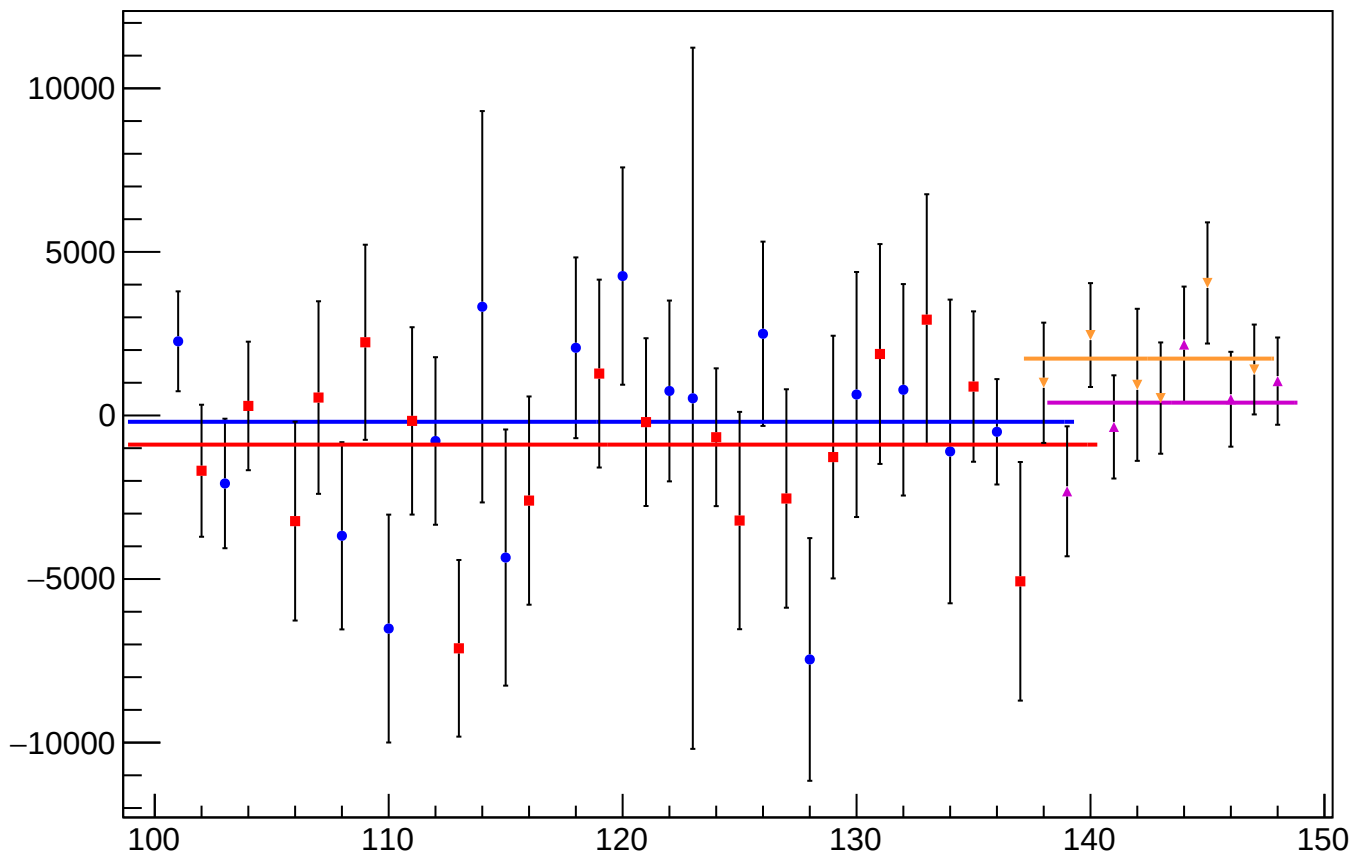
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1127.272 $\pm$ 0.242 χ^2/NDF : 18403.3/21

Out: 1137.833 $\pm$ 0.239 χ^2/NDF : 27576.9/23

All: 1132.622 $\pm$ 0.170 χ^2/NDF : 46944.7/45

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 1737.936+/-699.337 χ^2/NDF : 2.6/5

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: 391.825+/-705.096 χ^2/NDF : 3.3/4

Left: 1070.400+/-496.530 χ^2/NDF : 7.8/10

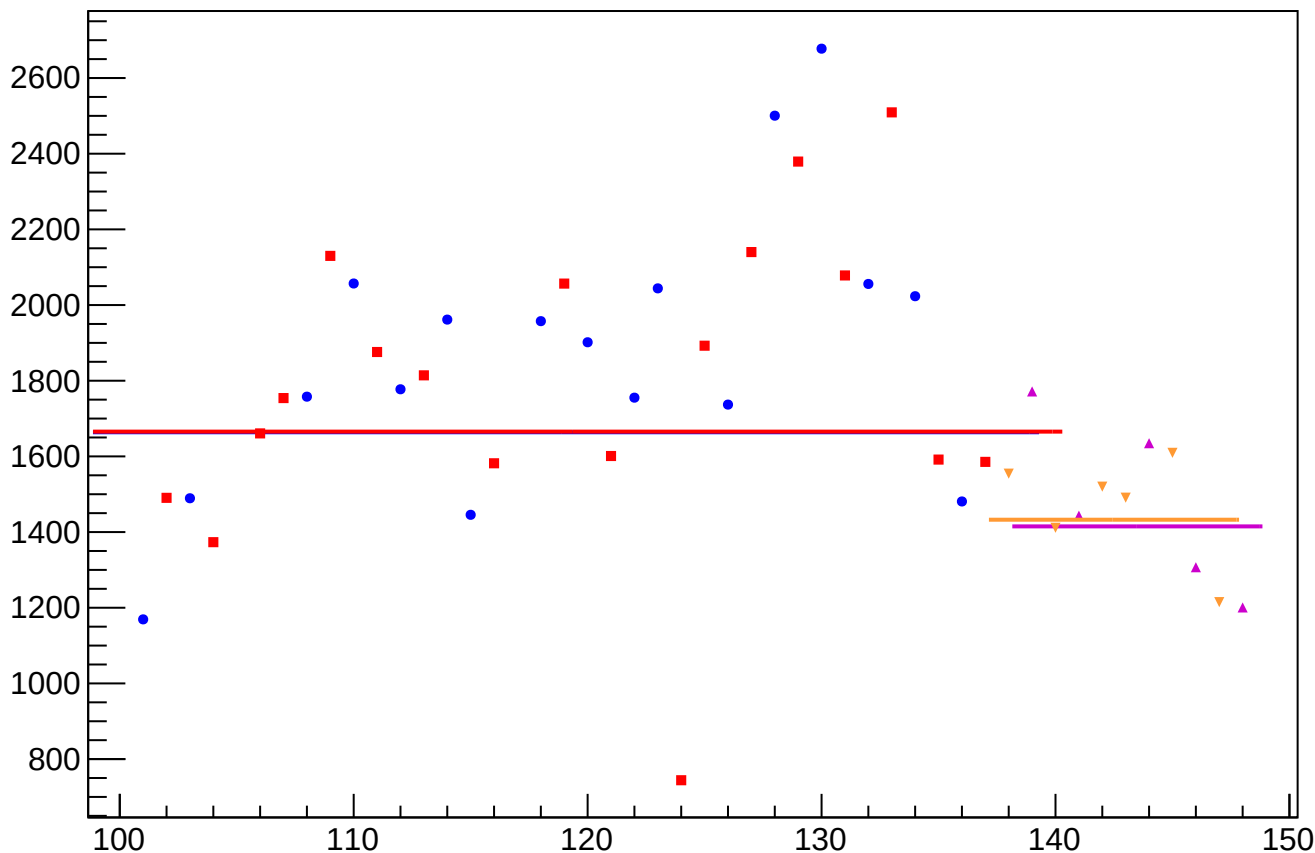
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 80.095+/-481.984 χ^2/NDF : 21.1/21

Out: 326.243+/-475.873 χ^2/NDF : 23.3/23

All: 204.740+/-338.633 χ^2/NDF : 44.5/45

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2 /NDF: 622477.6/16

Left Out: 1432.655 $\pm$ 0.495 χ^2 /NDF:82799.2/5

Right Out: 1665.466 $\pm$ 0.459 χ^2 /NDF: 802791.6/17

Left In: 1415.012 $\pm$ 0.499 χ^2 /NDF:158559.8/4

Left: 1423.906 $\pm$ 0.351 χ^2 /NDF: 241990.2/10

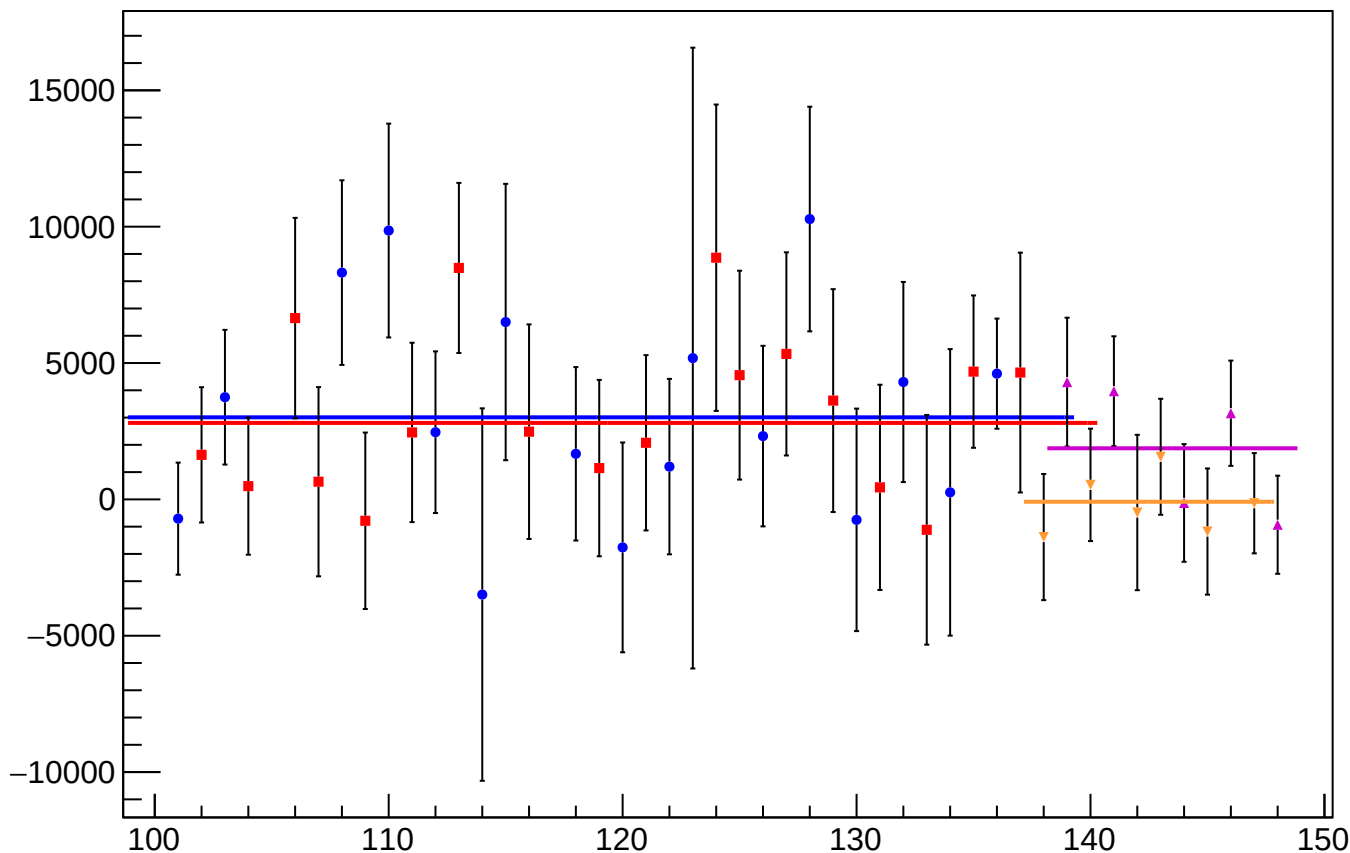
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1547.537 $\pm$ 0.341 χ^2 /NDF:913662.6/21

Out: 1557.668 $\pm$ 0.336 χ^2 /NDF:1004609.6/23

All: 1552.667 $\pm$ 0.239 χ^2 /NDF: 1918719.7/45

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: -87.469+/-894.713 χ^2/NDF : 1.2/5

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

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

Left: 880.512+/-636.648 χ^2/NDF : 9.5/10

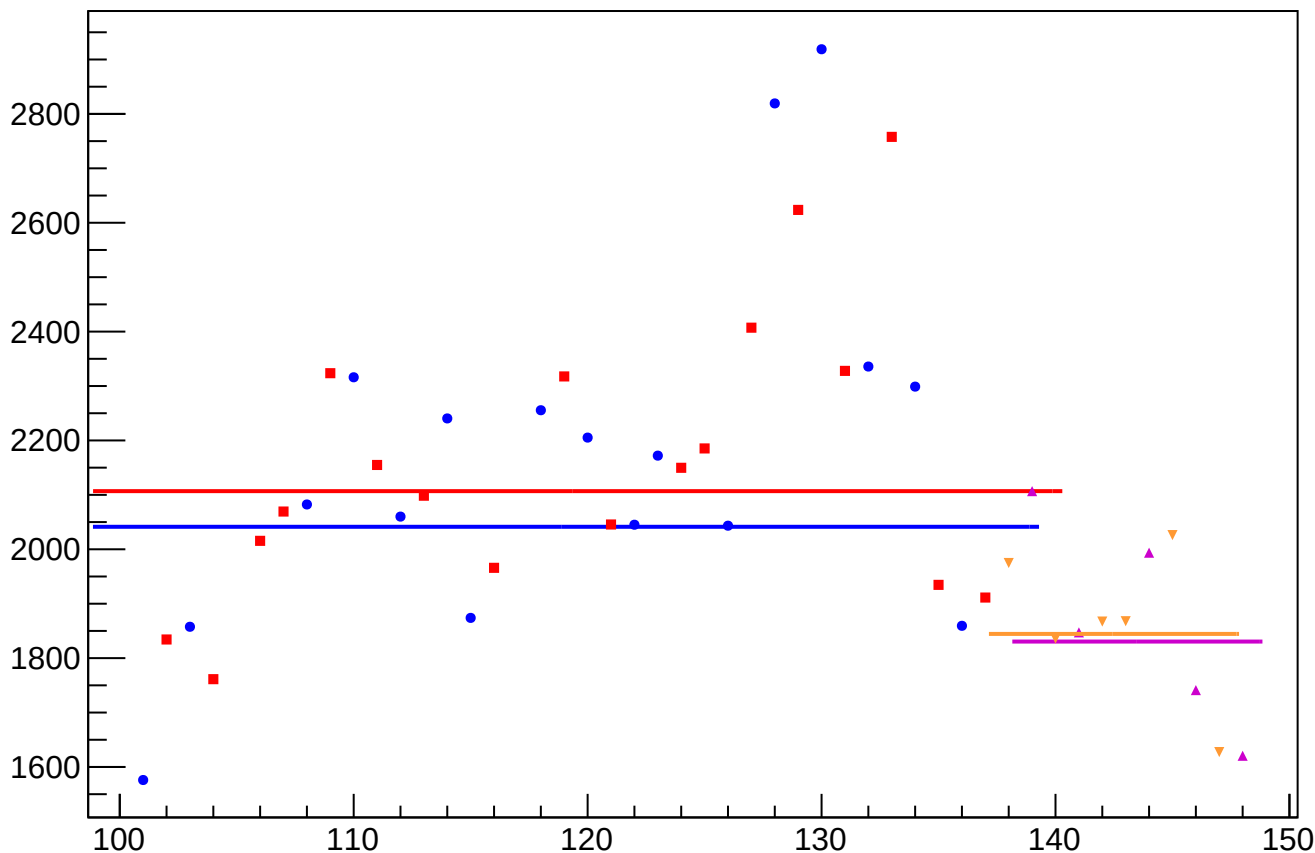
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2511.866+/-599.560 χ^2/NDF : 24.1/21

Out: 1520.076+/-596.199 χ^2/NDF : 18.3/23

All: 2013.184+/-422.760 χ^2/NDF : 43.8/45

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 +/- 0.565 χ^2/NDF : 338436.8/16

Left Out: 1844.497 +/- 0.633 χ^2/NDF : 46946.9/5

Right Out: 2106.845 +/- 0.565 χ^2/NDF : 196720.6/17

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

Left: 1837.557 +/- 0.450 χ^2/NDF : 117644.2/10

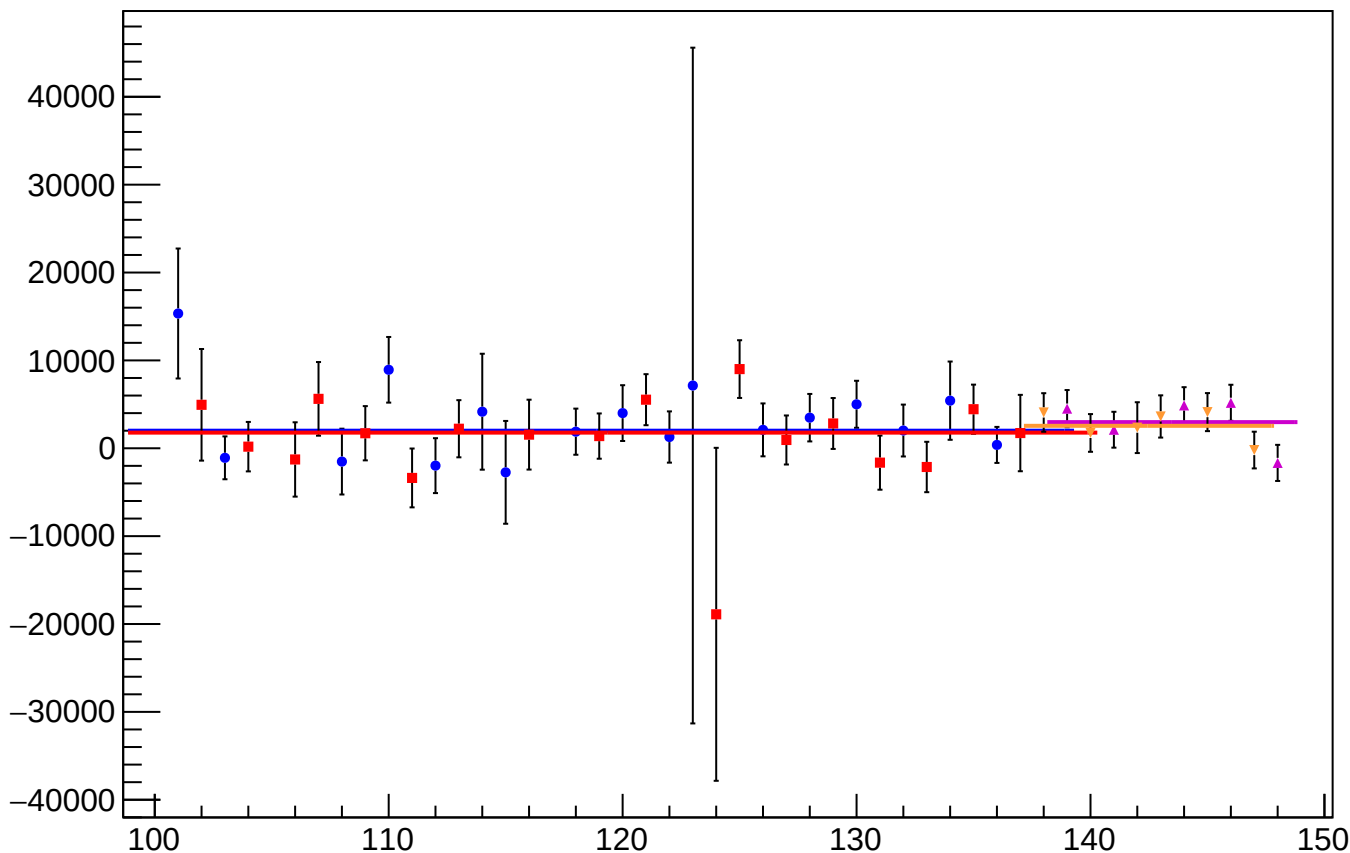
Right: 2074.099 +/- 0.400 χ^2/NDF : 541866.5/34

In: 1949.007 +/- 0.424 χ^2/NDF : 469805.6/21

Out: 1990.354 +/- 0.422 χ^2/NDF : 339269.6/23

All: 1969.796 +/- 0.299 χ^2/NDF : 813857.7/45

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 2556.019+/-928.395 χ^2/NDF : 3.1/5

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 2976.820+/-924.467 χ^2/NDF : 7.8/4

Left: 2767.311+/-655.081 χ^2/NDF : 11.0/10

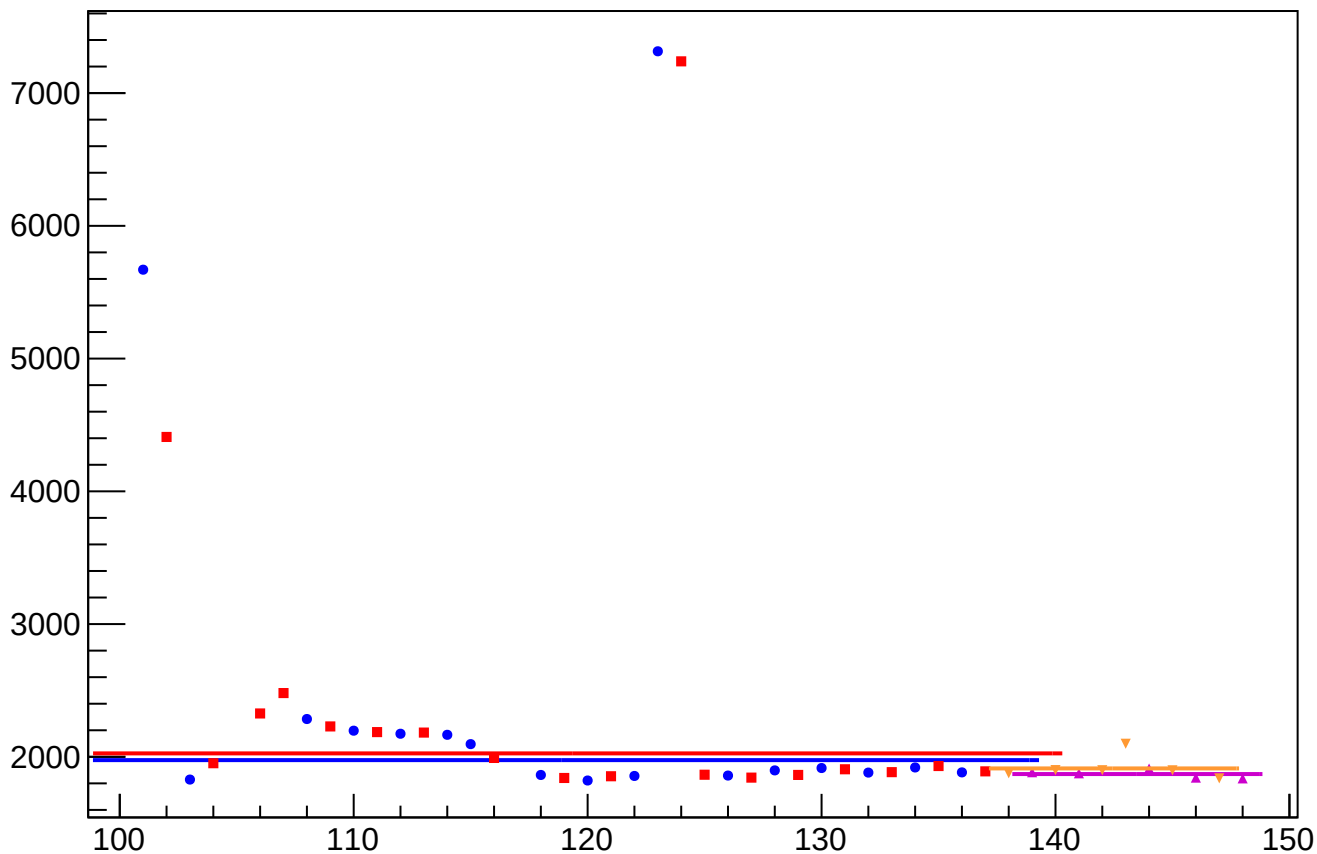
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2407.129+/-596.872 χ^2/NDF : 23.3/21

Out: 2103.059+/-598.026 χ^2/NDF : 19.8/23

All: 2255.387+/-422.459 χ^2/NDF : 43.2/45

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109 $\pm$ 0.553 χ^2 /NDF: 599831.6/16

Left Out: 1912.605 $\pm$ 0.656 χ^2 /NDF:15286.8/5

Right Out: 2025.871 $\pm$ 0.553 χ^2 /NDF: 535385.1/17

Left In: 1870.173 $\pm$ 0.654 χ^2 /NDF:1751.1/4

Left: 1891.299 $\pm$ 0.463 χ^2 /NDF: 19135.6/10

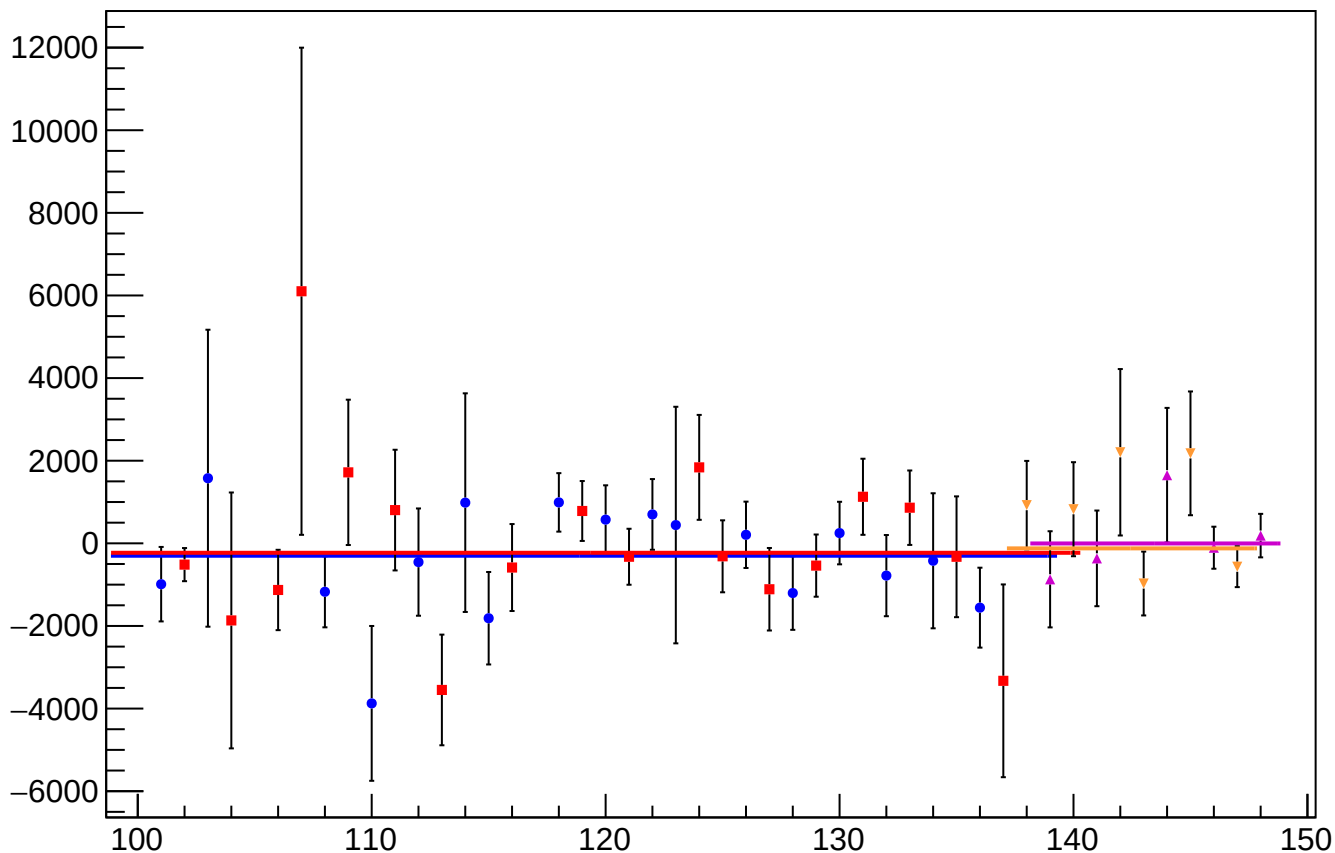
Right: 2000.483 $\pm$ 0.391 χ^2 /NDF: 1139433.4/34

In: 1931.366 $\pm$ 0.422 χ^2 /NDF:616609.9/21

Out: 1978.873 $\pm$ 0.423 χ^2 /NDF:568089.0/23

All: 1955.074 $\pm$ 0.299 χ^2 /NDF: 1191021.7/45

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990+/-246.615 χ^2/NDF : 17.3/16

Left Out: -122.055+/-351.203 χ^2/NDF : 7.4/5

Right Out: -228.794+/-215.624 χ^2/NDF : 21.8/17

Left In: -3.040+/-327.359 χ^2/NDF : 1.9/4

Left: -58.371+/-239.464 χ^2/NDF : 9.3/10

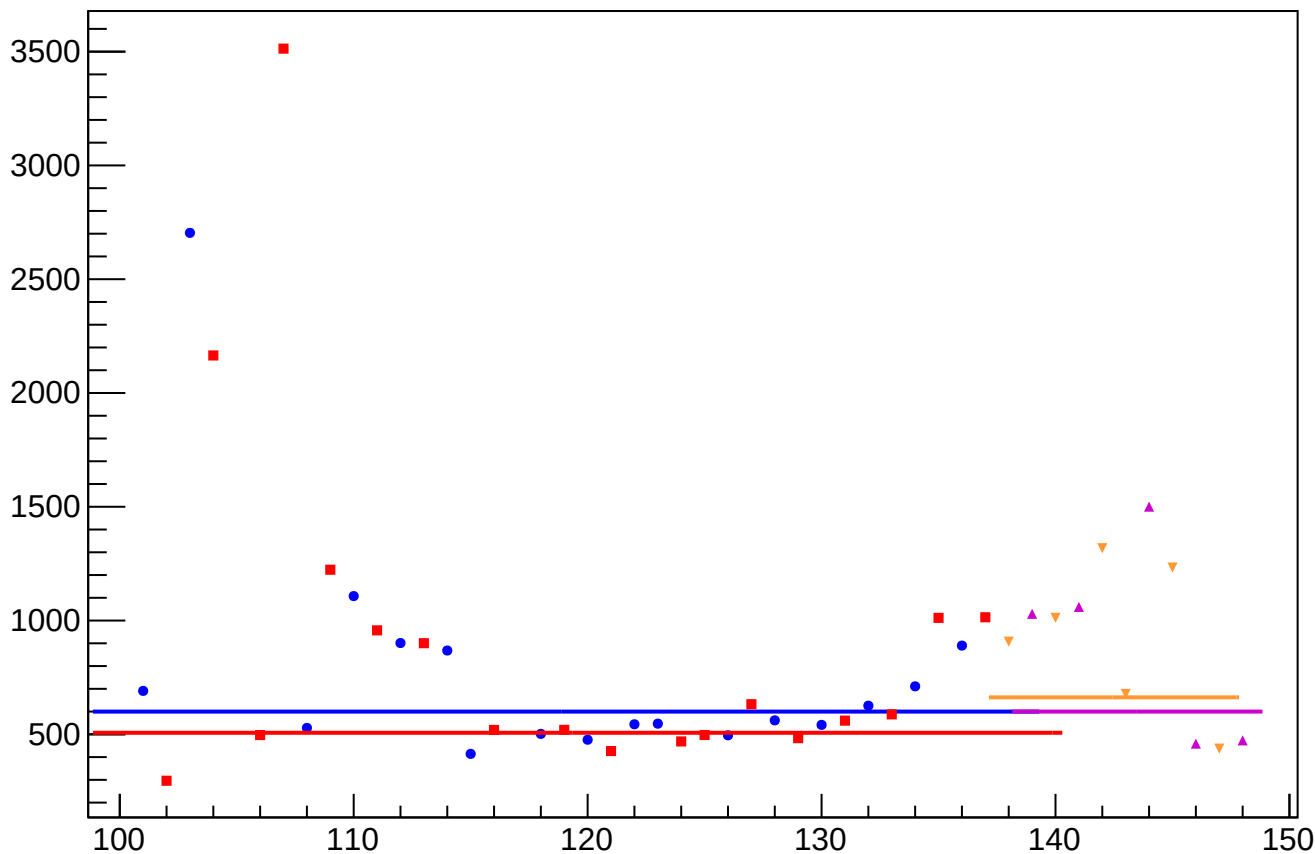
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -192.478+/-196.975 χ^2/NDF : 19.7/21

Out: -199.573+/-183.755 χ^2/NDF : 29.2/23

All: -196.272+/-134.365 χ^2/NDF : 48.9/45

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953+/-0.174 χ^2/NDF : 1381049.4/16

Left Out: 662.616+/-0.248 χ^2/NDF : 1211945.7/5

Right Out: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

Left In: 599.973+/-0.231 χ^2/NDF : 1468293.9/4

Left: 629.096+/-0.169 χ^2/NDF : 2714287.3/10

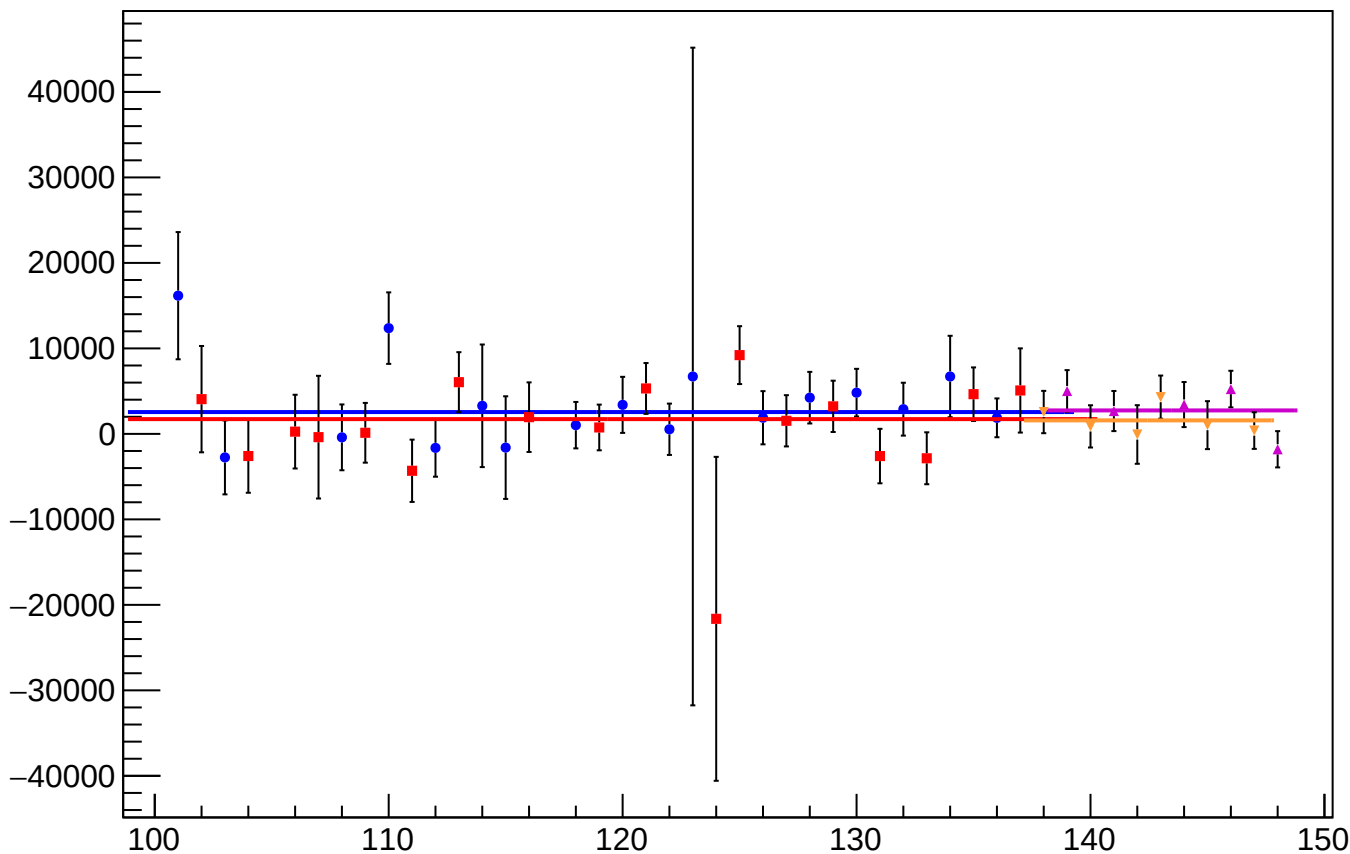
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 599.961+/-0.139 χ^2/NDF : 2849343.3/21

Out: 549.510+/-0.130 χ^2/NDF : 4258437.5/23

All: 572.986+/-0.095 χ^2/NDF : 7177931.0/45

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF : 15.7/16

Left Out: 1579.598+/-1045.952 χ^2/NDF : 2.0/5

Right Out: 1727.074+/-855.162 χ^2/NDF : 19.5/17

Left In: 2744.400+/-1035.263 χ^2/NDF : 6.9/4

Left: 2167.981+/-735.792 χ^2/NDF : 9.5/10

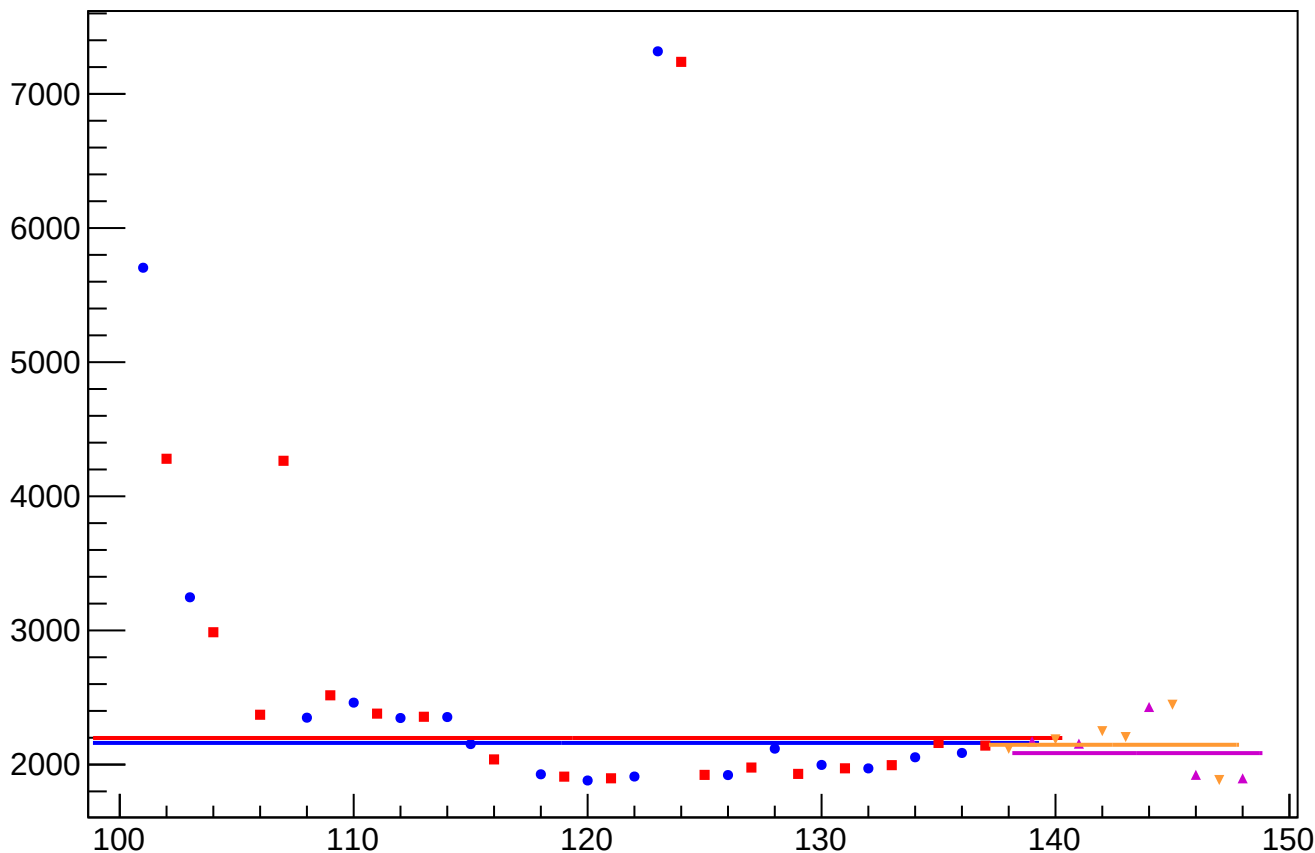
Right: 2138.530+/-606.010 χ^2/NDF : 35.7/34

In: 2631.386+/-661.026 χ^2/NDF : 22.6/21

Out: 1667.988+/-662.050 χ^2/NDF : 21.5/23

All: 2150.433+/-467.778 χ^2/NDF : 45.2/45

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 2147.518+/-0.740 χ^2/NDF : 56337.2/5

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2085.389+/-0.732 χ^2/NDF : 65595.5/4

Left: 2116.134+/-0.520 χ^2/NDF : 125497.2/10

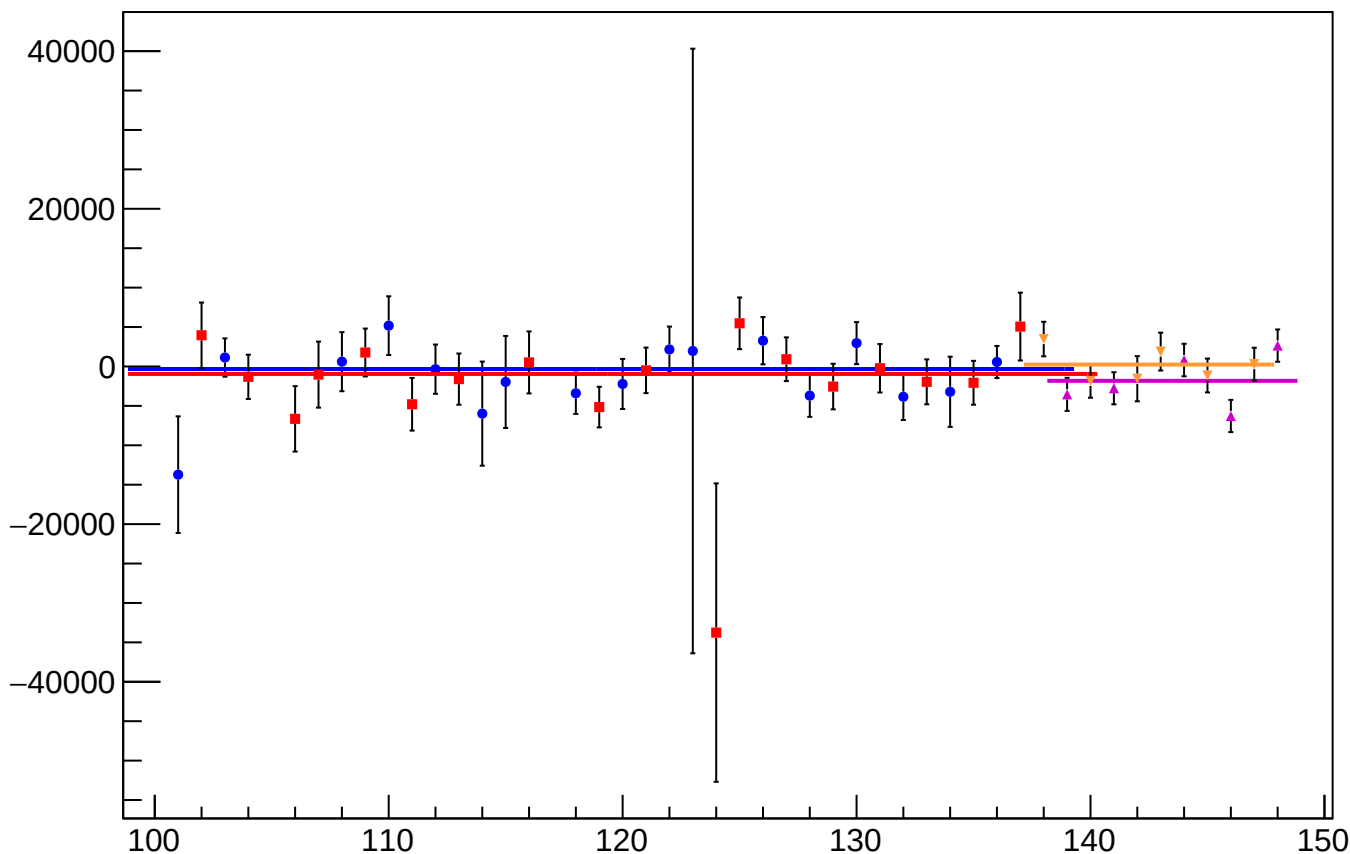
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2130.422+/-0.467 χ^2/NDF : 783237.8/21

Out: 2177.887+/-0.468 χ^2/NDF : 793023.8/23

All: 2154.118+/-0.331 χ^2/NDF : 1581409.6/45

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: 239.802+/-923.927 χ^2/NDF : 4.4/5

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -1823.455+/-920.390 χ^2/NDF : 12.0/4

Left: -795.783+/-652.061 χ^2/NDF : 19.0/10

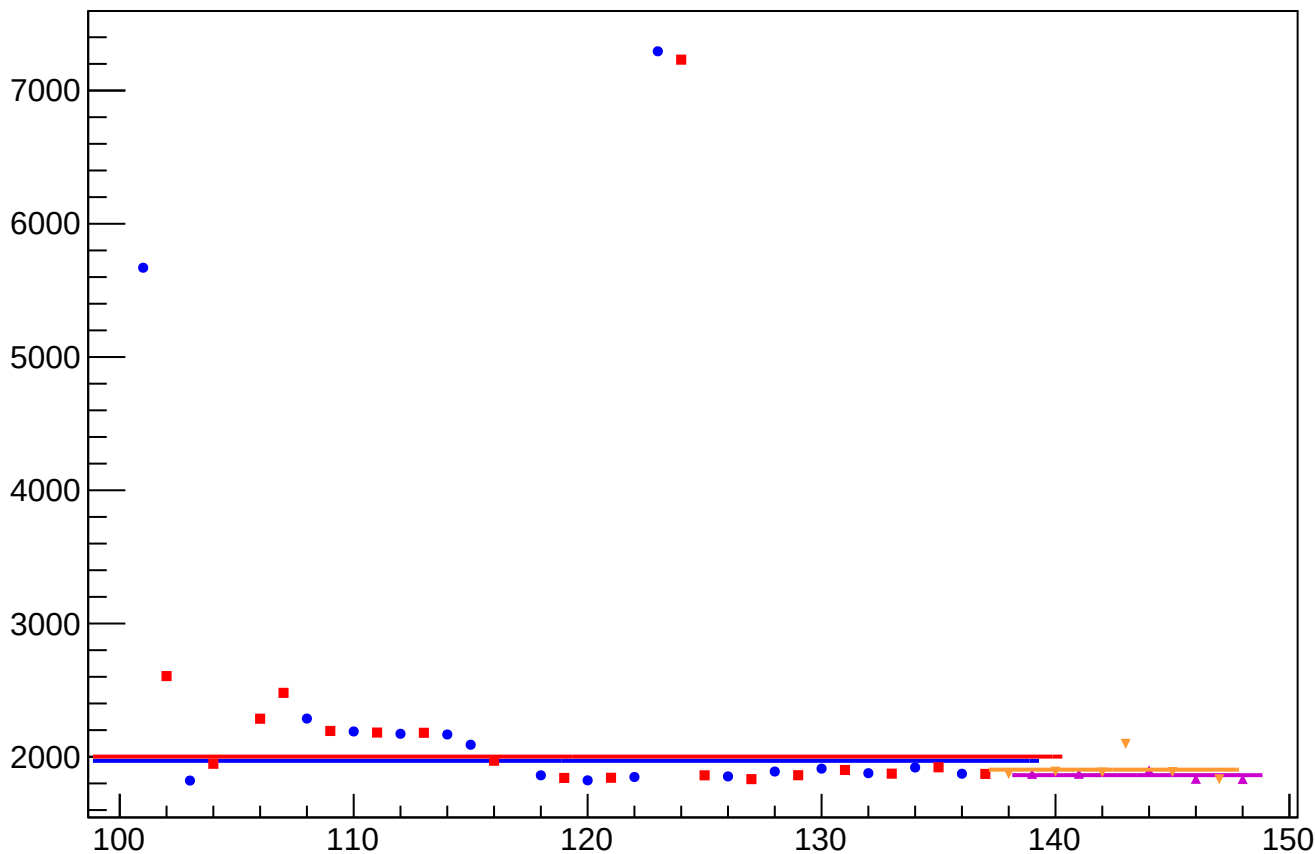
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -950.153+/-594.838 χ^2/NDF : 29.3/21

Out: -462.887+/-591.640 χ^2/NDF : 23.6/23

All: -705.207+/-419.479 χ^2/NDF : 53.2/45

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1903.347+/-0.653 χ^2/NDF :16190.2/5

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1862.053+/-0.651 χ^2/NDF :1493.8/4

Left: 1882.621+/-0.461 χ^2/NDF : 19689.3/10

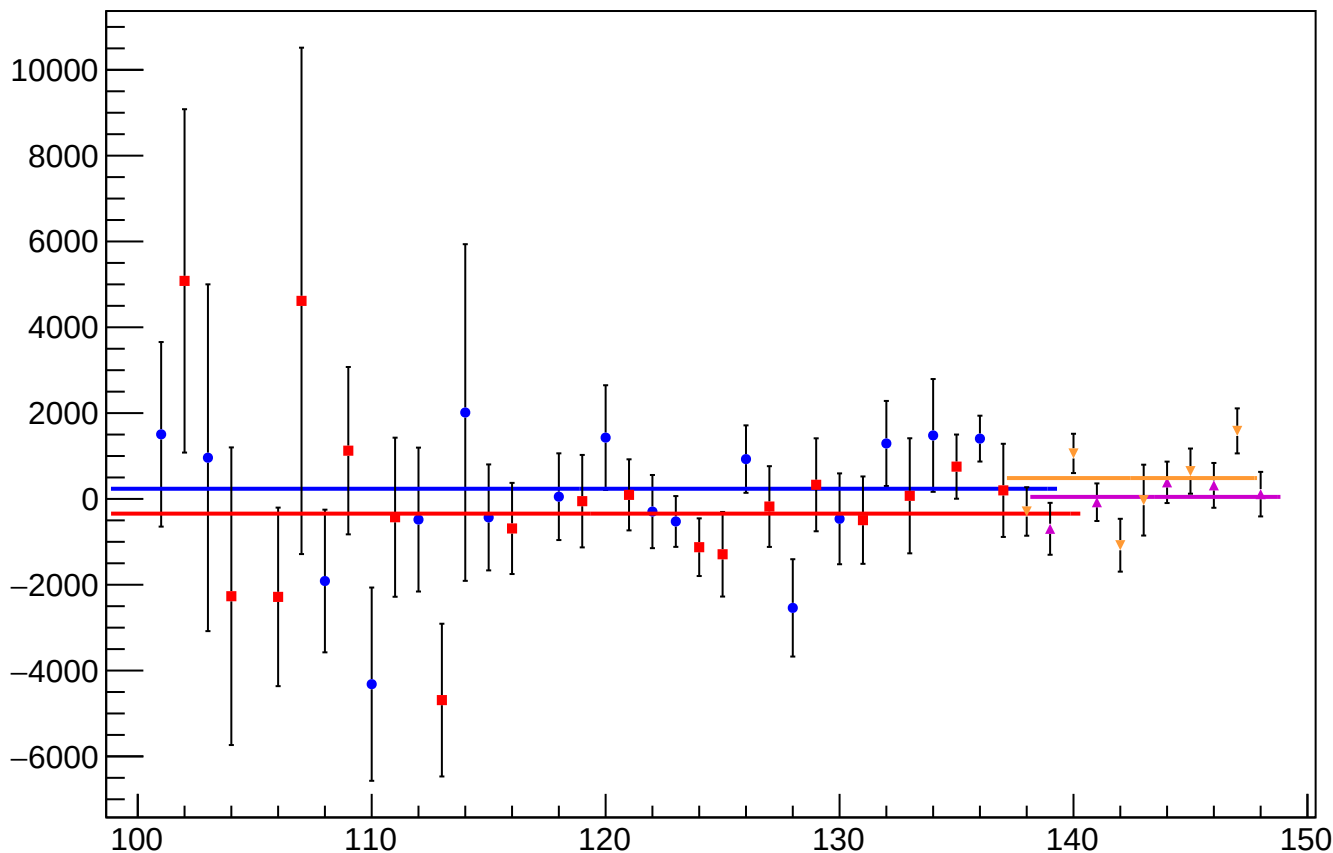
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1924.617+/-0.421 χ^2/NDF :620174.6/21

Out: 1961.062+/-0.418 χ^2/NDF :320043.5/23

All: 1942.938+/-0.297 χ^2/NDF : 943992.1/45

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2/NDF : 23.9/16

Left Out: 486.007 $\pm$ 227.946 χ^2/NDF :14.8/5

Right Out: -342.796 $\pm$ 268.580 χ^2/NDF : 15.9/17

Left In: 47.232 $\pm$ 225.812 χ^2/NDF :2.4/4

Left: 264.557 $\pm$ 160.422 χ^2/NDF : 19.0/10

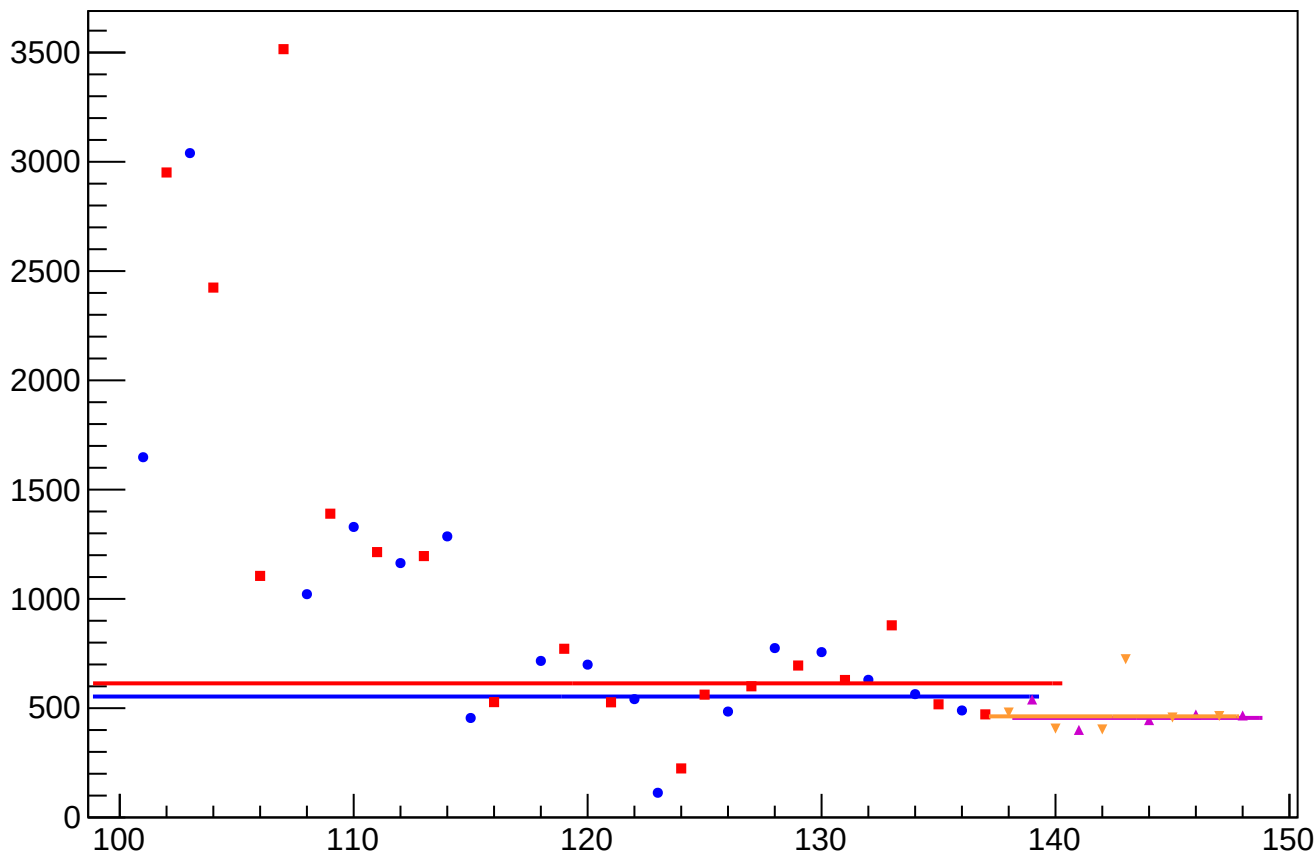
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 132.959 $\pm$ 167.151 χ^2/NDF :26.6/21

Out: 138.981 $\pm$ 173.792 χ^2/NDF :36.3/23

All: 135.853 $\pm$ 120.473 χ^2/NDF : 62.8/45

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 462.558+/-0.161 χ^2/NDF : 251311.9/5

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 455.512+/-0.160 χ^2/NDF : 73843.1/4

Left: 459.002+/-0.113 χ^2/NDF : 326119.5/10

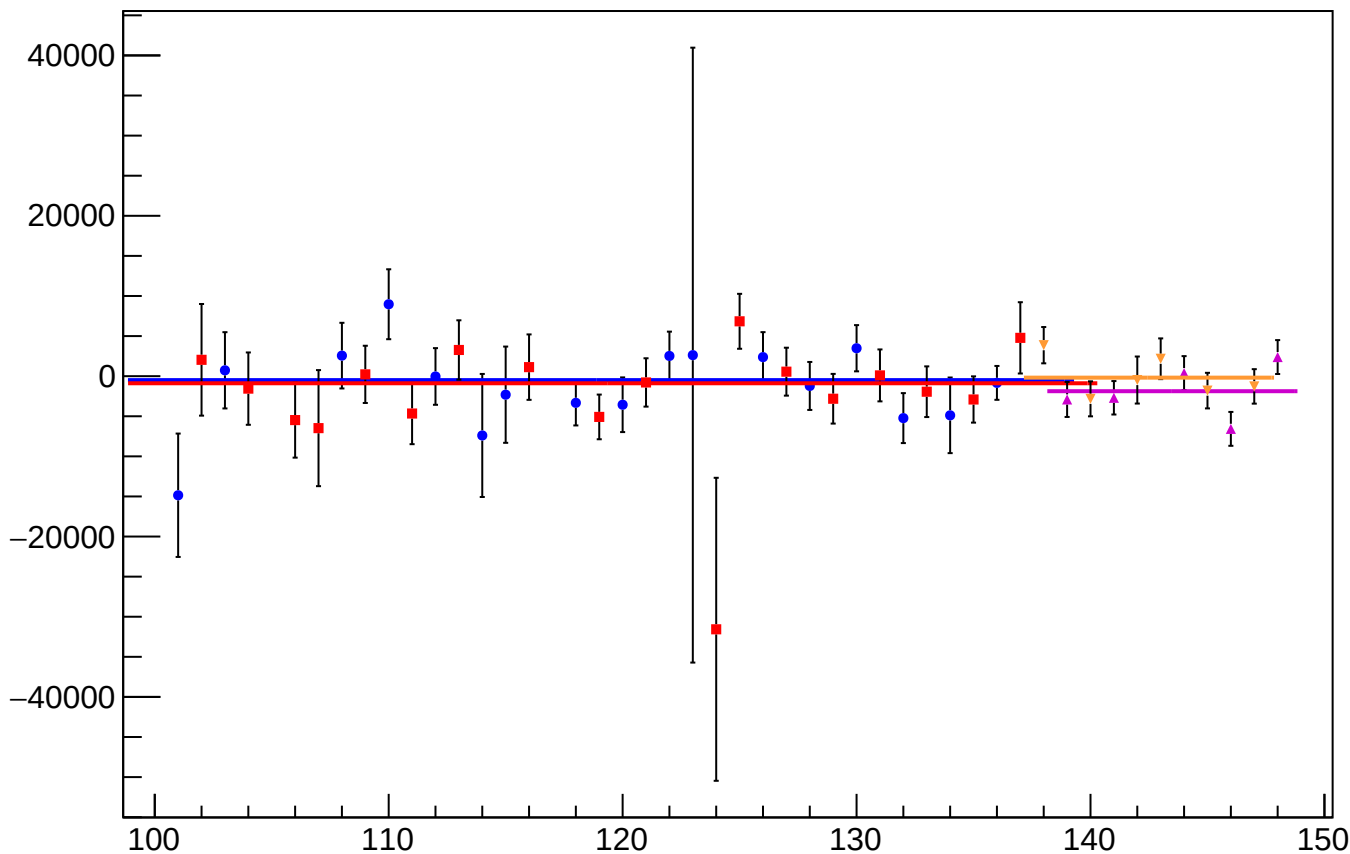
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 499.710+/-0.118 χ^2/NDF : 3656075.6/21

Out: 525.791+/-0.123 χ^2/NDF : 4095256.3/23

All: 512.243+/-0.085 χ^2/NDF : 7774729.8/45

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: -183.083+/-955.212 χ^2/NDF : 6.3/5

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

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

Left: -1034.198+/-673.258 χ^2/NDF : 18.4/10

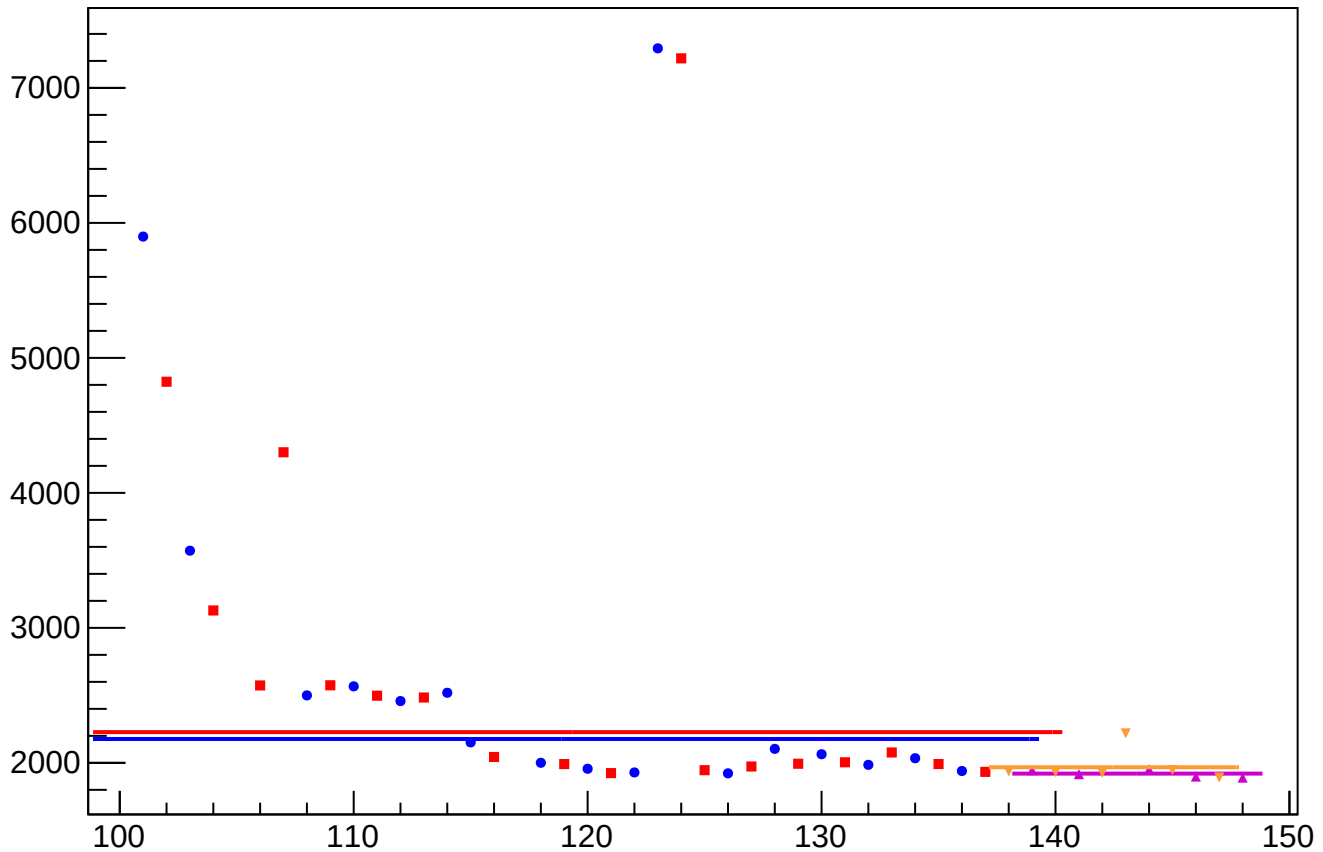
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1121.605+/-640.513 χ^2/NDF : 30.2/21

Out: -566.895+/-642.855 χ^2/NDF : 23.9/23

All: -845.262+/-453.737 χ^2/NDF : 54.5/45

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 +/- 0.614 χ^2/NDF : 802677.9/16

Left Out: 1967.290 +/- 0.675 χ^2/NDF : 23533.2/5

Right Out: 2227.688 +/- 0.615 χ^2/NDF : 825665.5/17

Left In: 1920.350 +/- 0.671 χ^2/NDF : 1335.2/4

Left: 1943.669 +/- 0.476 χ^2/NDF : 27298.8/10

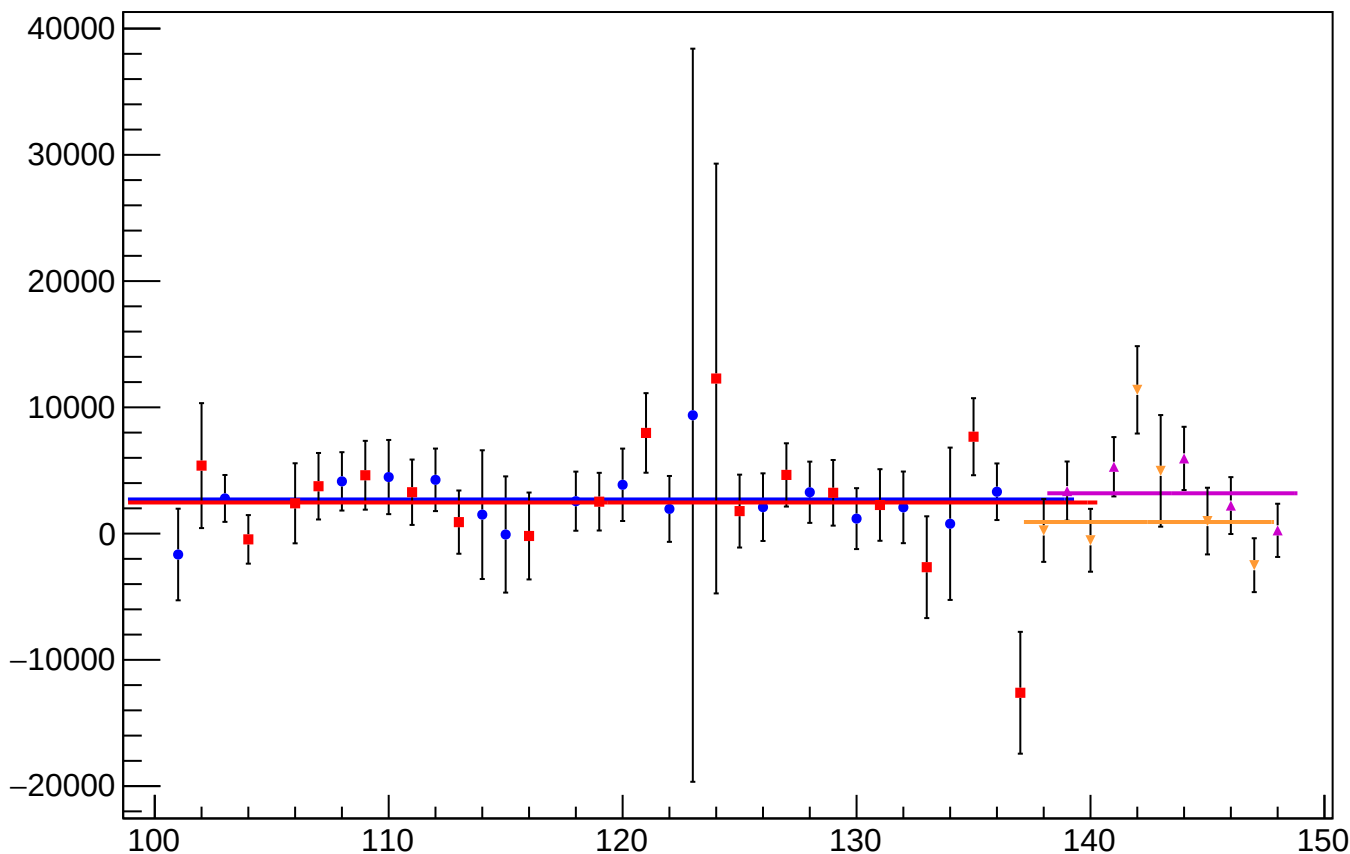
Right: 2202.183 +/- 0.434 χ^2/NDF : 1631783.3/34

In: 2059.968 +/- 0.453 χ^2/NDF : 883496.7/21

Out: 2109.748 +/- 0.455 χ^2/NDF : 930510.2/23

All: 2084.767 +/- 0.321 χ^2/NDF : 1820025.1/45

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: 918.117 $\pm$ 1104.191 χ^2 /NDF:13.0/5

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

Left In: 3192.785 $\pm$ 1028.864 χ^2 /NDF:4.1/4

Left: 2135.679 $\pm$ 752.739 χ^2 /NDF: 19.4/10

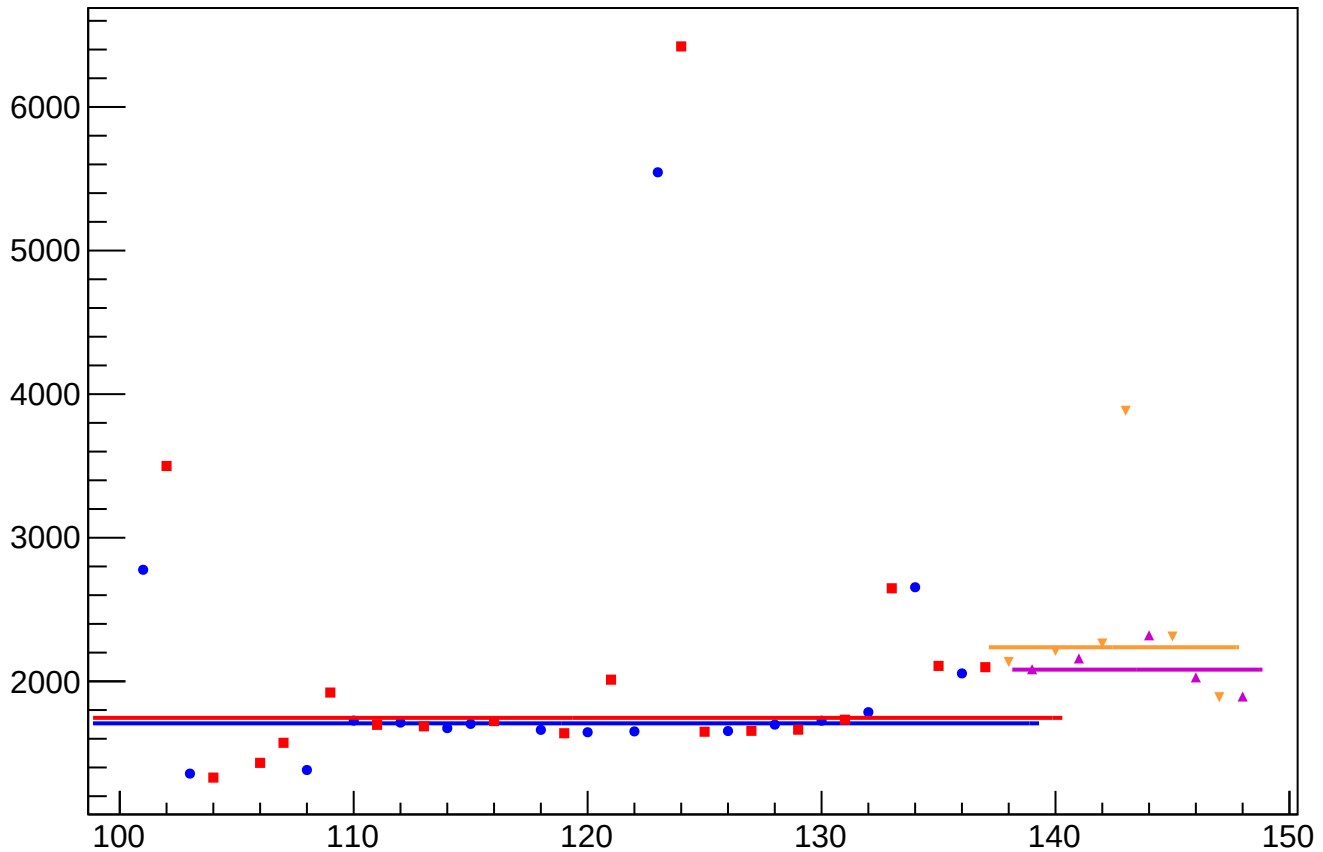
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2850.398 $\pm$ 563.736 χ^2 /NDF:8.3/21

Out: 2036.381 $\pm$ 581.030 χ^2 /NDF:37.6/23

All: 2455.684 $\pm$ 404.597 χ^2 /NDF: 46.9/45

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 2237.406 ± 0.781 $\chi^2/\text{NDF}: 336140.5/5$

Right Out: 1745.551 ± 0.483 $\chi^2/\text{NDF}: 699240.7/17$

Left In: 2081.526 ± 0.728 $\chi^2/\text{NDF}: 37301.2/4$

Left: 2153.968 ± 0.532 $\chi^2/\text{NDF}: 394776.9/10$

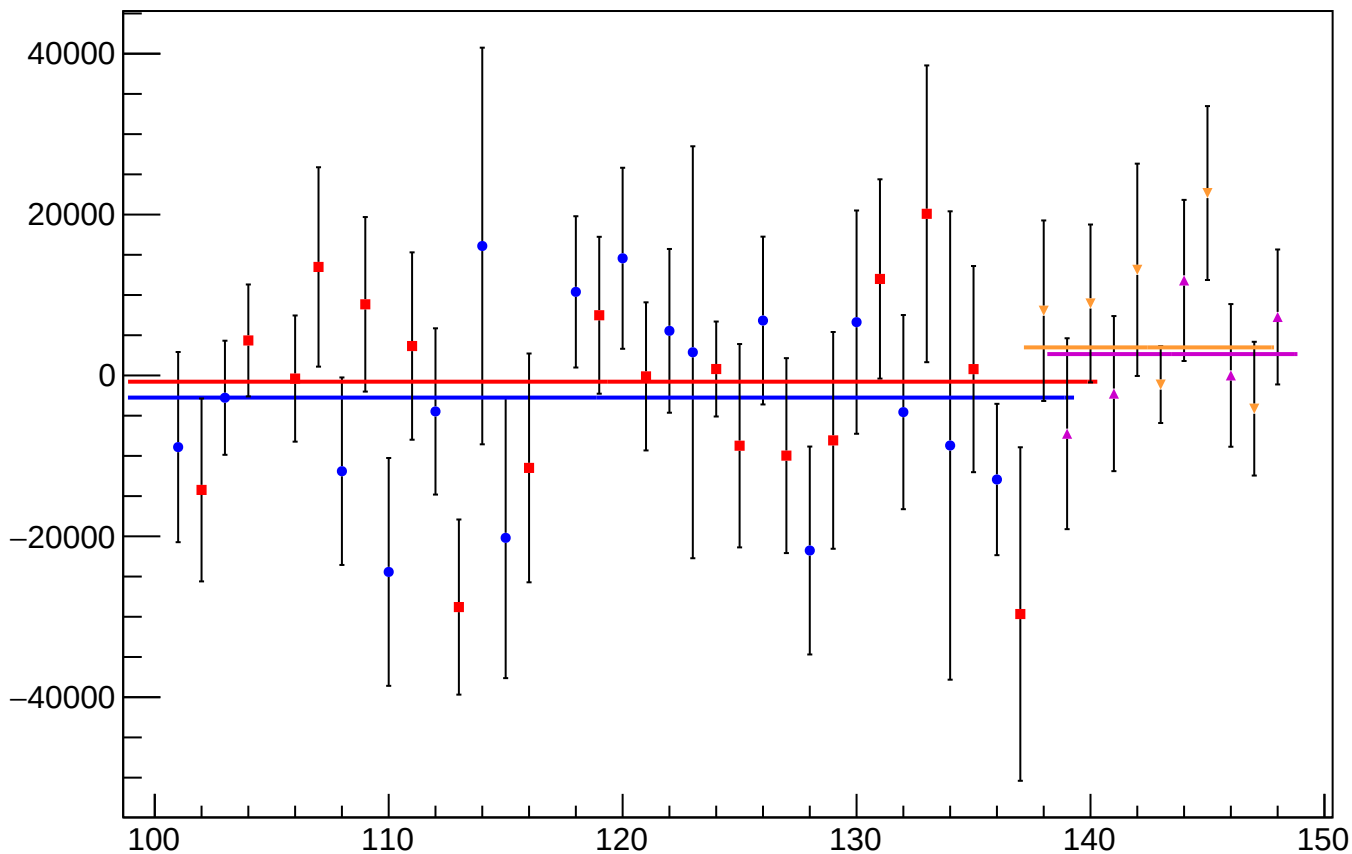
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1819.709 ± 0.399 $\chi^2/\text{NDF}: 644541.5/21$

Out: 1881.687 ± 0.411 $\chi^2/\text{NDF}: 1322384.5/23$

All: 1849.768 ± 0.286 $\chi^2/\text{NDF}: 1978650.3/45$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: 3488.834+/-3317.581 χ^2/NDF : 5.9/5

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: 2656.346+/-4273.560 χ^2/NDF : 2.2/4

Left: 3175.792+/-2620.611 χ^2/NDF : 8.1/10

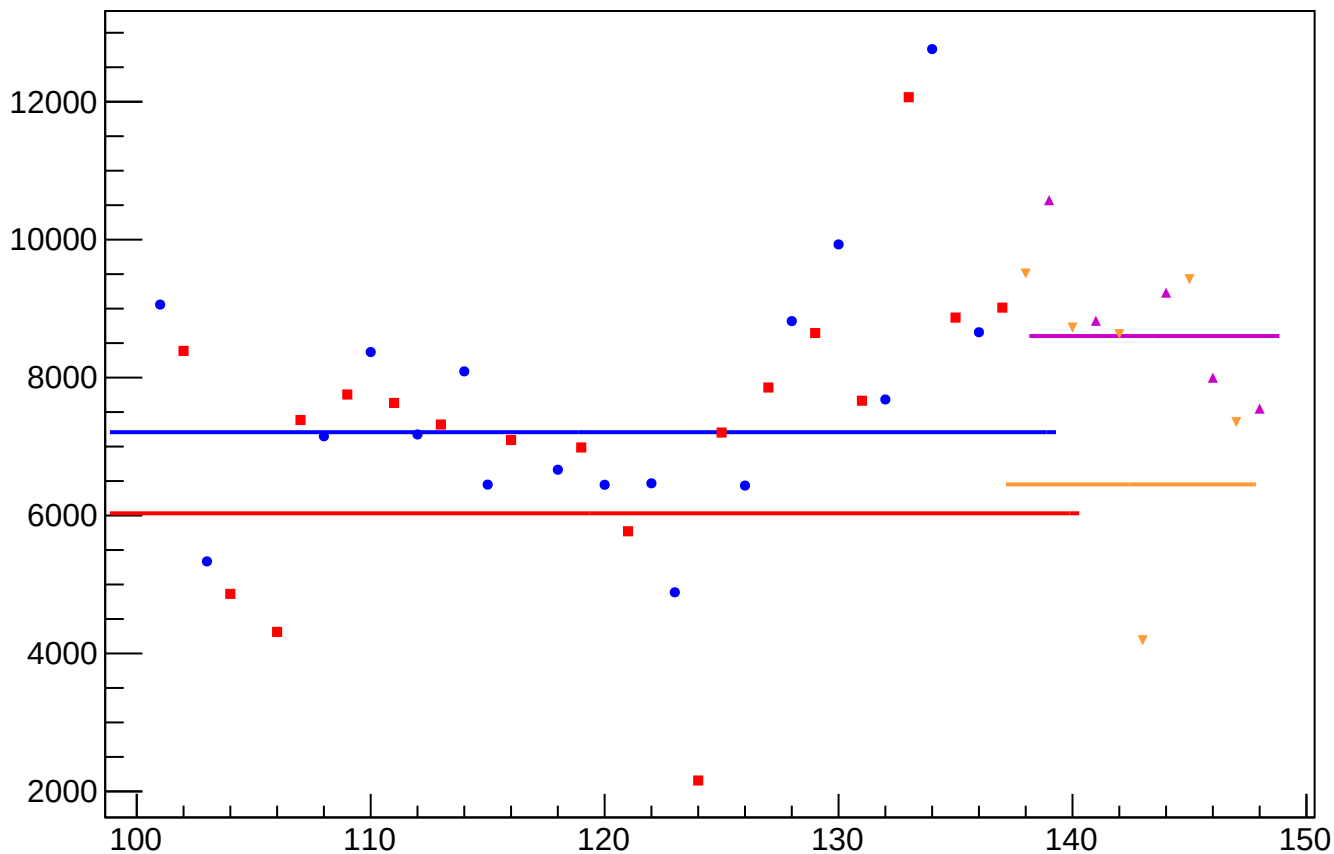
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1092.382+/-2366.715 χ^2/NDF : 17.9/21

Out: 722.450+/-1966.030 χ^2/NDF : 24.8/23

All: -18.556+/-1512.303 χ^2/NDF : 43.0/45

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346 $\pm$ 2.010 χ^2 /NDF: 493749.9/16

Left Out: 6451.320 $\pm$ 2.346 χ^2 /NDF: 932686.3/5

Right Out: 6032.193 $\pm$ 1.726 χ^2 /NDF: 1797562.8/17

Left In: 8602.832 $\pm$ 3.022 χ^2 /NDF: 104832.3/4

Left: 7260.359 $\pm$ 1.853 χ^2 /NDF: 1353818.9/10

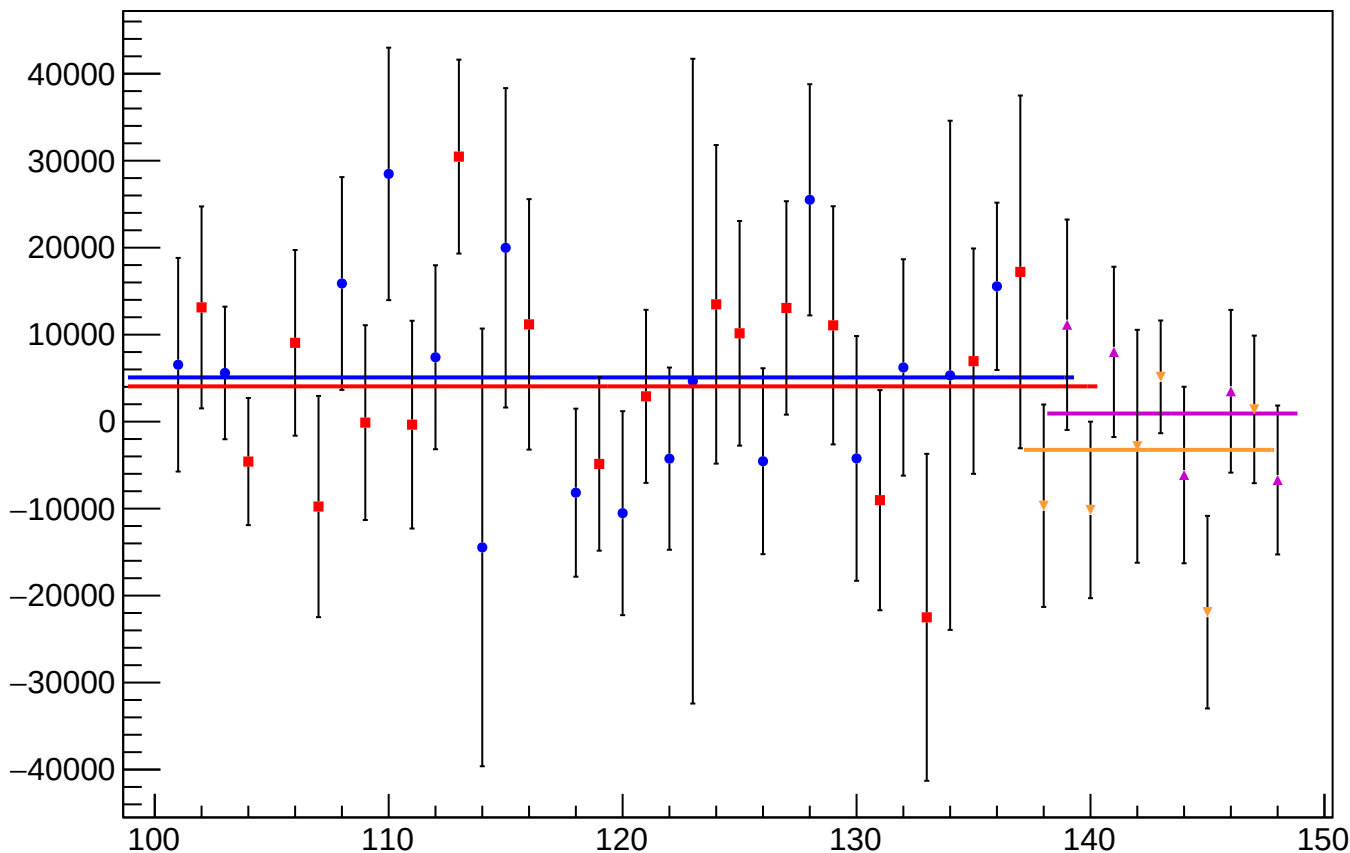
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 7636.033 $\pm$ 1.674 χ^2 /NDF: 746220.9/21

Out: 6179.384 $\pm$ 1.390 χ^2 /NDF: 2750960.0/23

All: 6774.143 $\pm$ 1.069 χ^2 /NDF: 3945456.6/45

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: -3243.716+/-3819.213 χ^2/NDF : 5.6/5

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

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

Left: -1441.042+/-2879.391 χ^2/NDF : 8.7/10

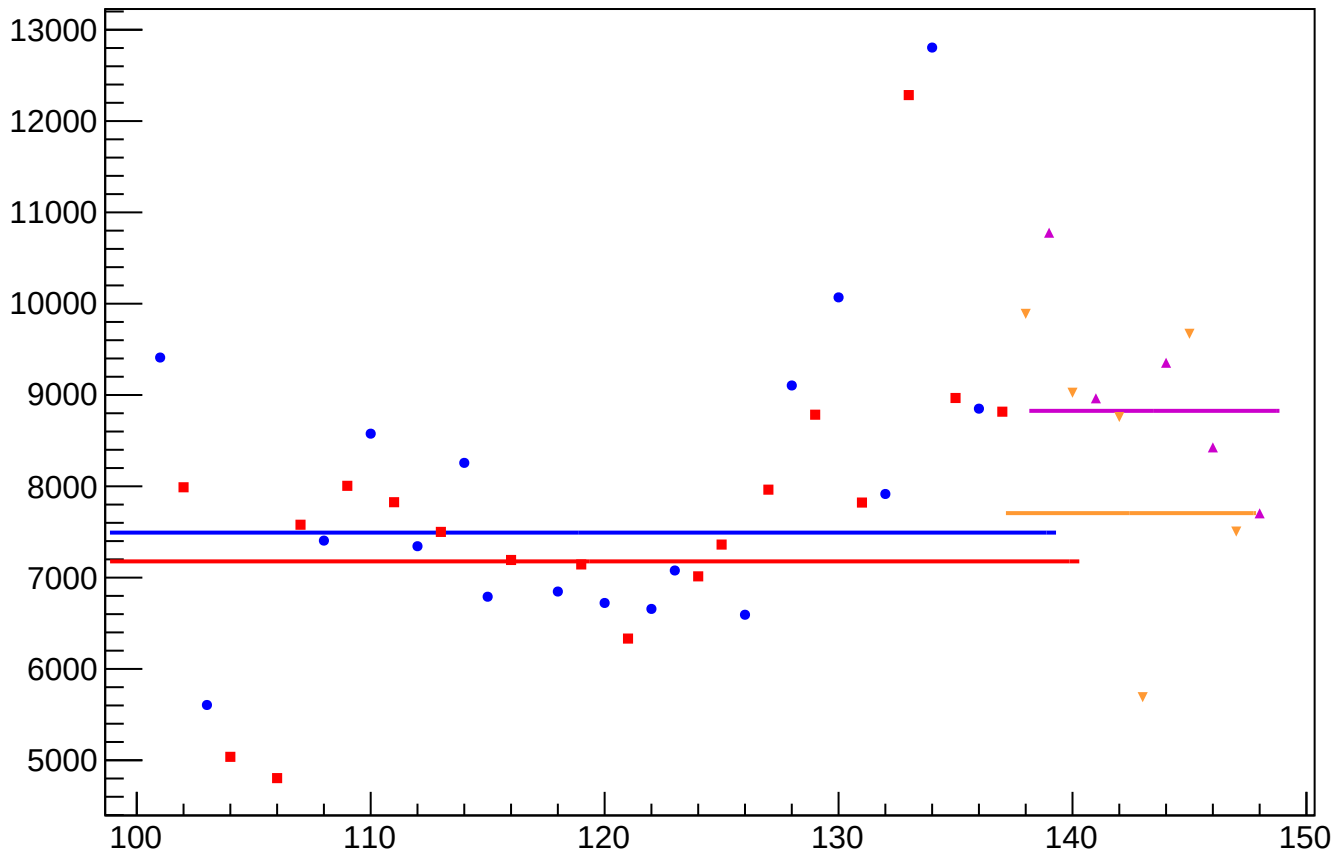
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 3787.057+/-2450.280 χ^2/NDF : 17.2/21

Out: 1503.749+/-2258.187 χ^2/NDF : 23.1/23

All: 2552.405+/-1660.542 χ^2/NDF : 40.8/45

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2/NDF : 437084.4/16

Left Out: 7706.335 $\pm$ 2.701 χ^2/NDF :374209.4/5

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

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

Left: 8189.786 $\pm$ 2.036 χ^2/NDF : 544319.4/10

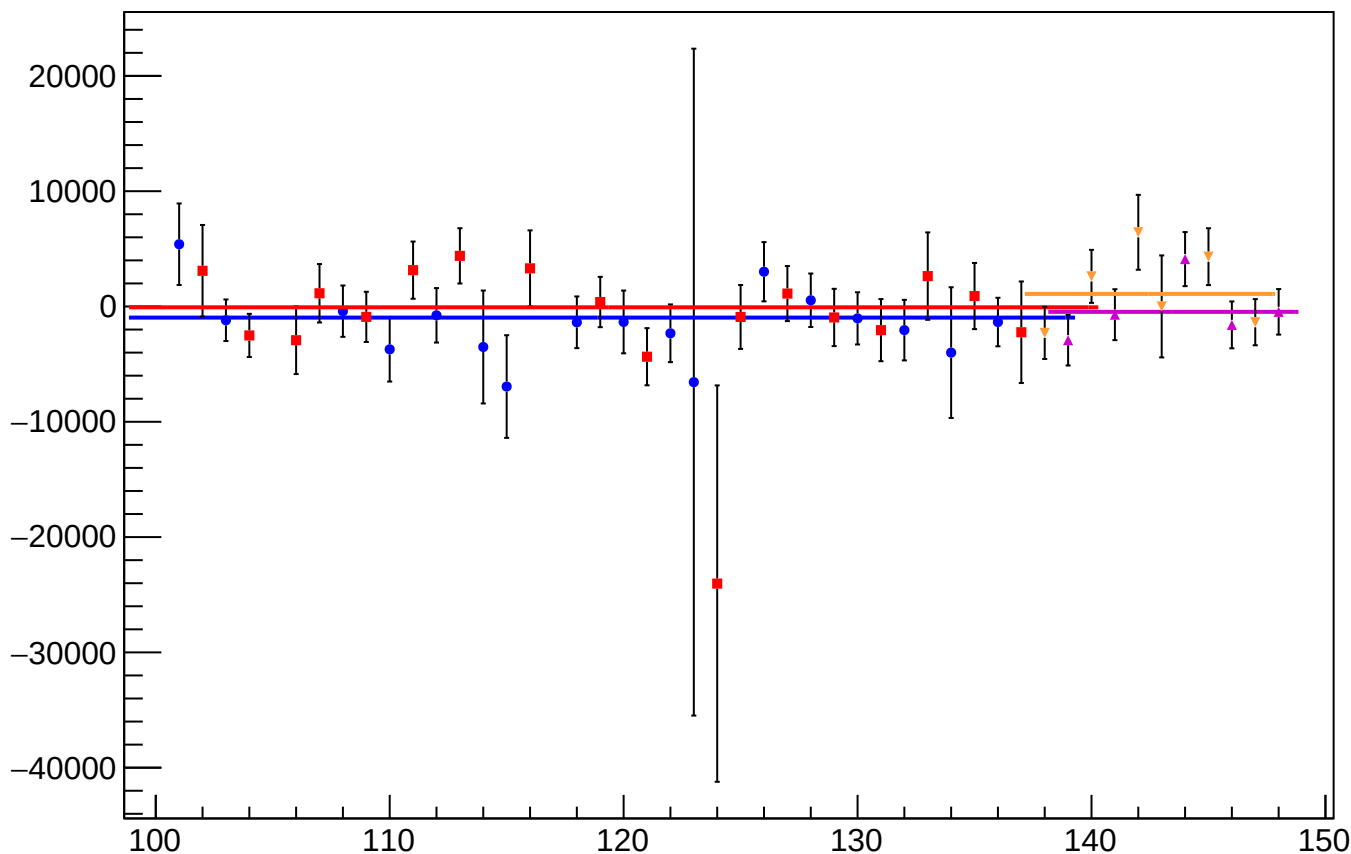
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7909.698 $\pm$ 1.733 χ^2/NDF :660229.4/21

Out: 7362.552 $\pm$ 1.597 χ^2/NDF :955024.9/23

All: 7613.822 $\pm$ 1.174 χ^2/NDF : 1669183.8/45

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: 1089.970+/-1029.262 χ^2/NDF : 8.6/5

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: -465.329+/-956.743 χ^2/NDF : 5.4/4

Left: 255.604+/-700.755 χ^2/NDF : 15.3/10

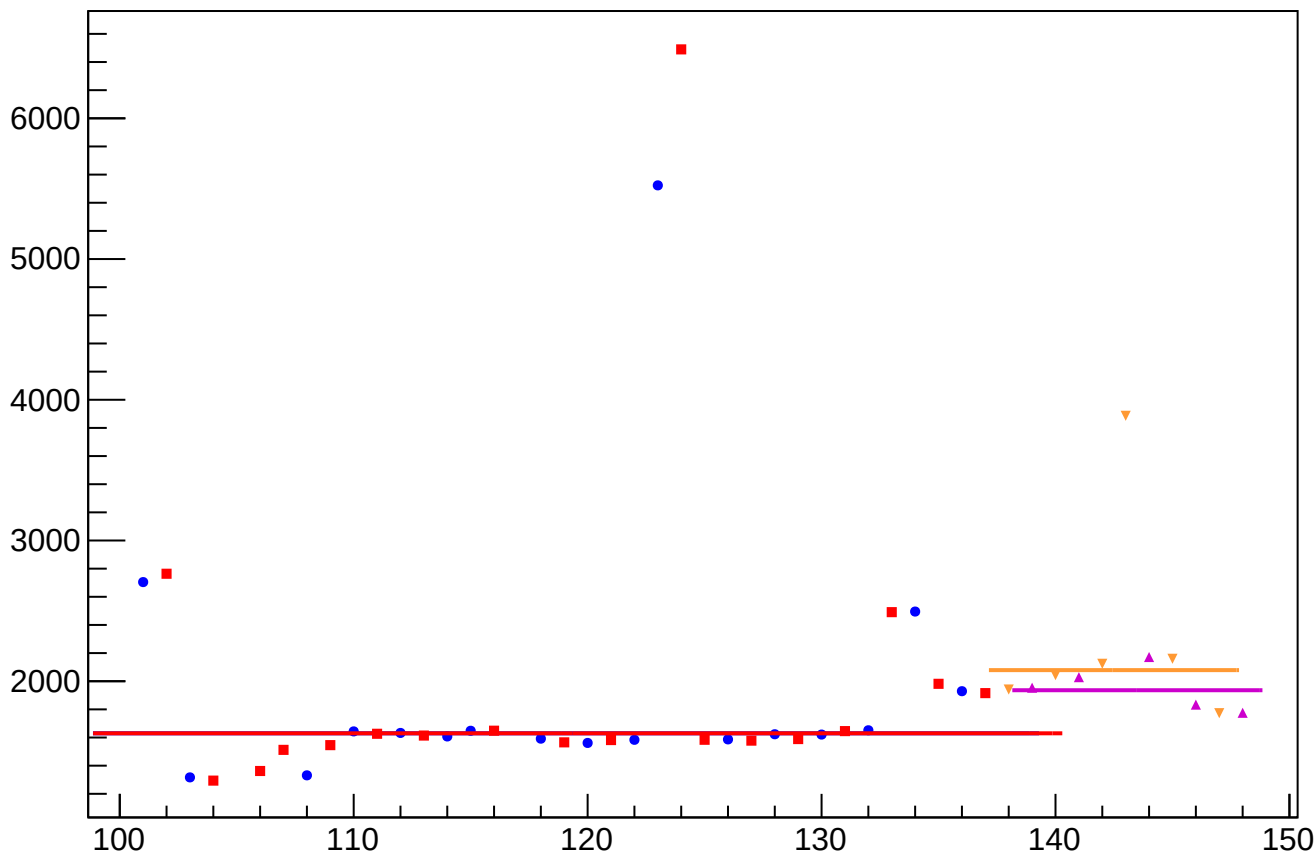
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -807.828+/-533.687 χ^2/NDF : 15.6/21

Out: 248.415+/-540.072 χ^2/NDF : 26.3/23

All: -285.987+/-379.611 χ^2/NDF : 43.9/45

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 2078.903+/-0.728 χ^2/NDF : 391074.3/5

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1936.022+/-0.677 χ^2/NDF : 42151.7/4

Left: 2002.252+/-0.496 χ^2/NDF : 453902.2/10

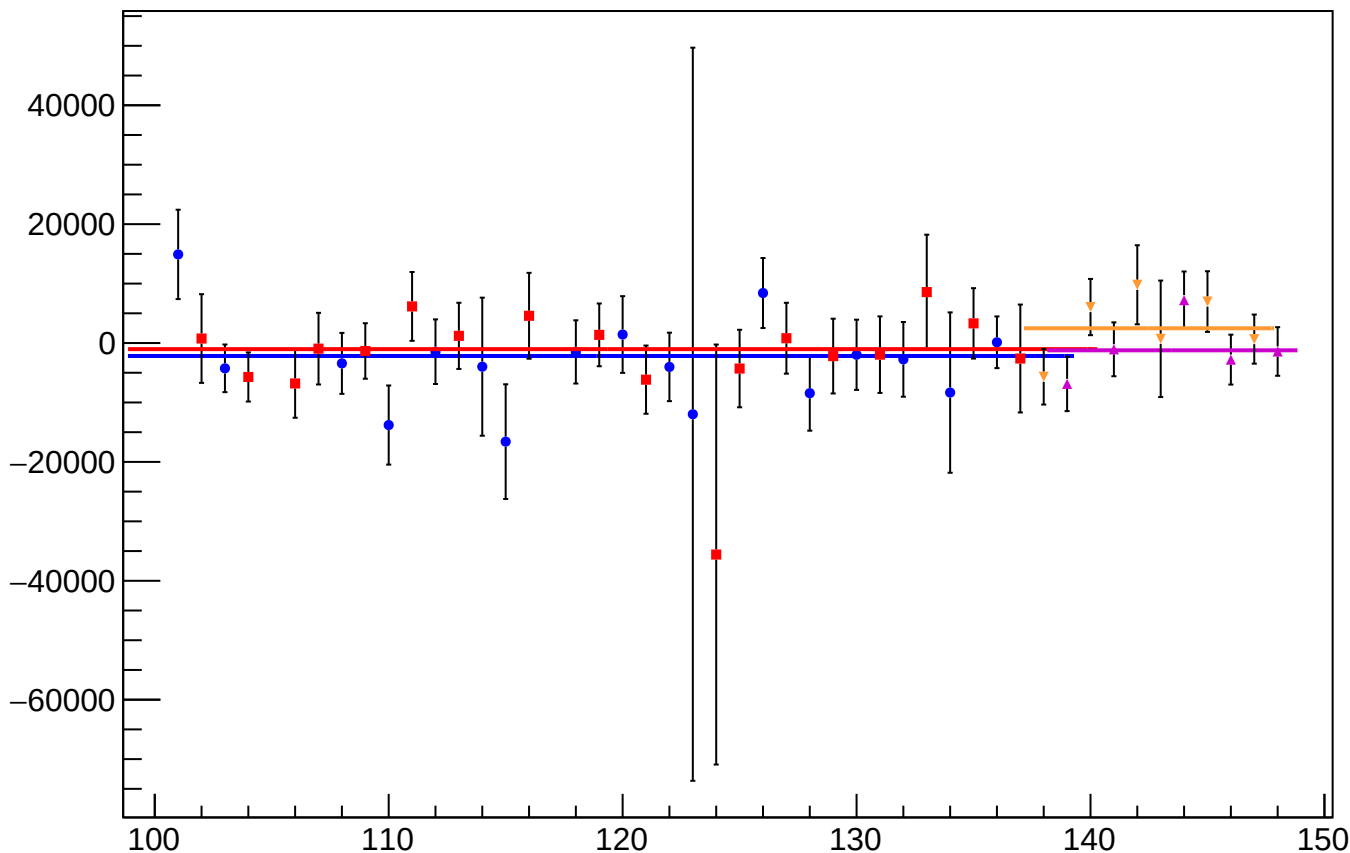
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1725.190+/-0.377 χ^2/NDF : 591295.5/21

Out: 1753.553+/-0.382 χ^2/NDF : 1224296.4/23

All: 1739.203+/-0.268 χ^2/NDF : 1818382.8/45

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 2483.266 ± 2130.443 $\chi^2/\text{NDF}: 5.8/5$

Right Out: -1026.991 ± 1442.331 $\chi^2/\text{NDF}: 8.6/17$

Left In: -1224.854 ± 1976.810 $\chi^2/\text{NDF}: 4.7/4$

Left: 490.697 ± 1449.088 $\chi^2/\text{NDF}: 12.2/10$

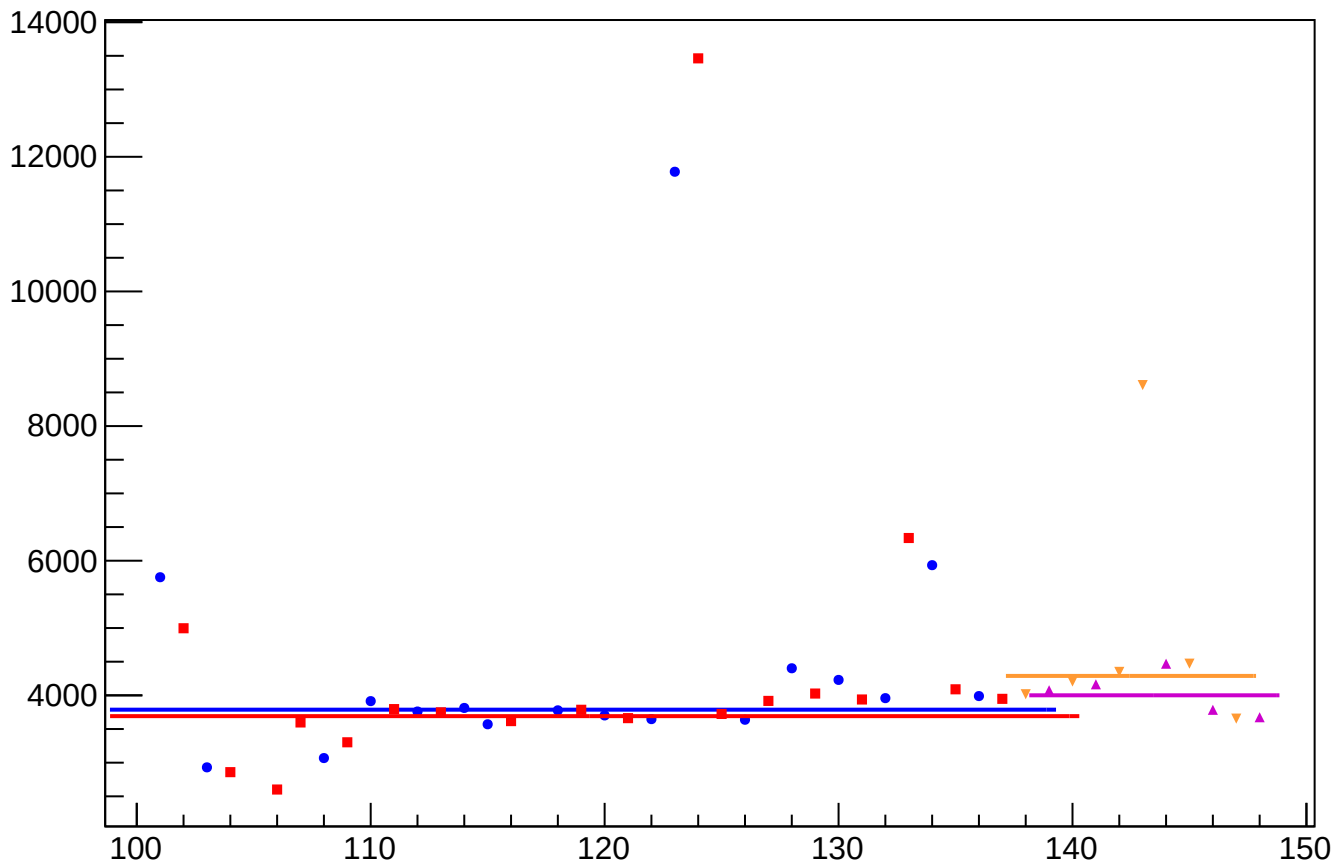
Right: -1583.224 ± 1037.341 $\chi^2/\text{NDF}: 24.9/34$

In: -1832.578 ± 1191.400 $\chi^2/\text{NDF}: 20.9/21$

Out: 76.247 ± 1194.360 $\chi^2/\text{NDF}: 16.2/23$

All: -880.533 ± 843.491 $\chi^2/\text{NDF}: 38.4/45$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 4288.726+/-1.506 χ^2/NDF : 446221.5/5

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 4000.771+/-1.398 χ^2/NDF : 40010.1/4

Left: 4133.993+/-1.025 χ^2/NDF : 505865.1/10

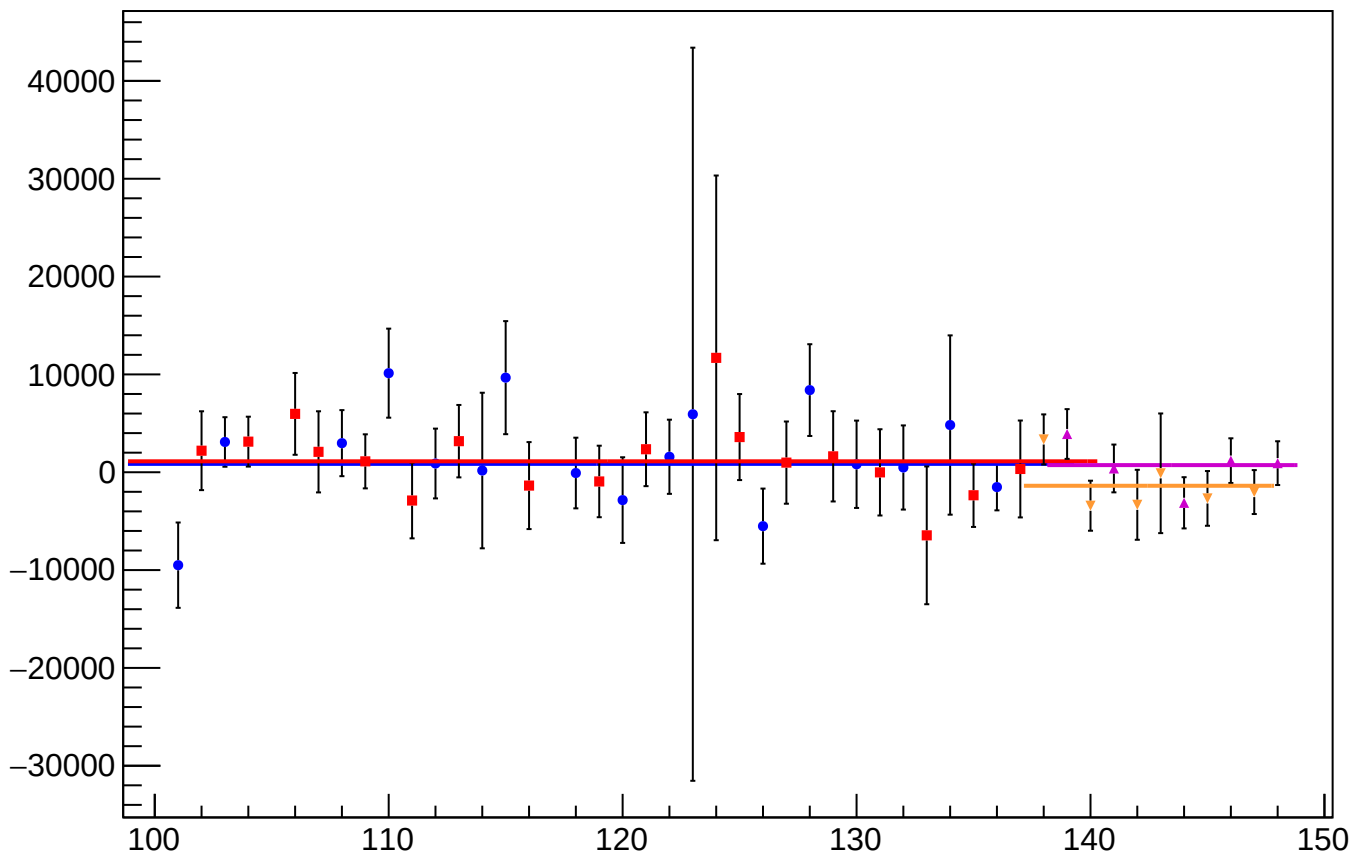
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3864.841+/-0.842 χ^2/NDF : 447511.9/21

Out: 3879.022+/-0.845 χ^2/NDF : 1109244.5/23

All: 3871.914+/-0.596 χ^2/NDF : 1556897.8/45

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -1382.173 $\pm$ 1165.057 χ^2 /NDF:4.7/5

Right Out: 1117.553 $\pm$ 927.195 χ^2 /NDF: 7.3/17

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

Left: -245.127 $\pm$ 791.402 χ^2 /NDF: 10.3/10

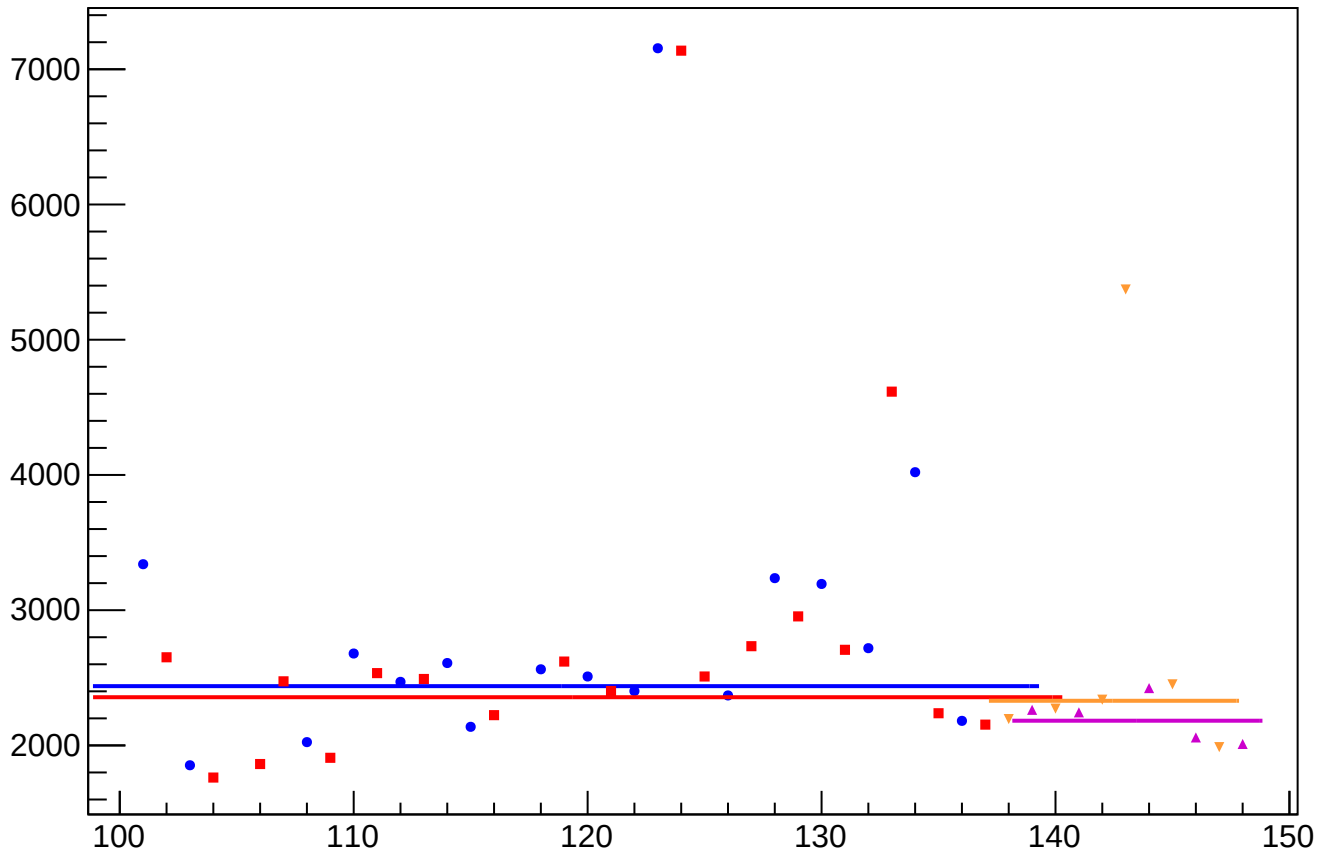
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 799.662 $\pm$ 719.009 χ^2 /NDF:24.5/21

Out: 148.250 $\pm$ 725.489 χ^2 /NDF:14.8/23

All: 476.878 $\pm$ 510.691 χ^2 /NDF: 39.6/45

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2330.059 ± 0.824 $\chi^2/\text{NDF}: 551732.2/5$

Right Out: 2356.405 ± 0.656 $\chi^2/\text{NDF}: 629132.8/17$

Left In: 2182.664 ± 0.763 $\chi^2/\text{NDF}: 37959.3/4$

Left: 2250.676 ± 0.560 $\chi^2/\text{NDF}: 606931.9/10$

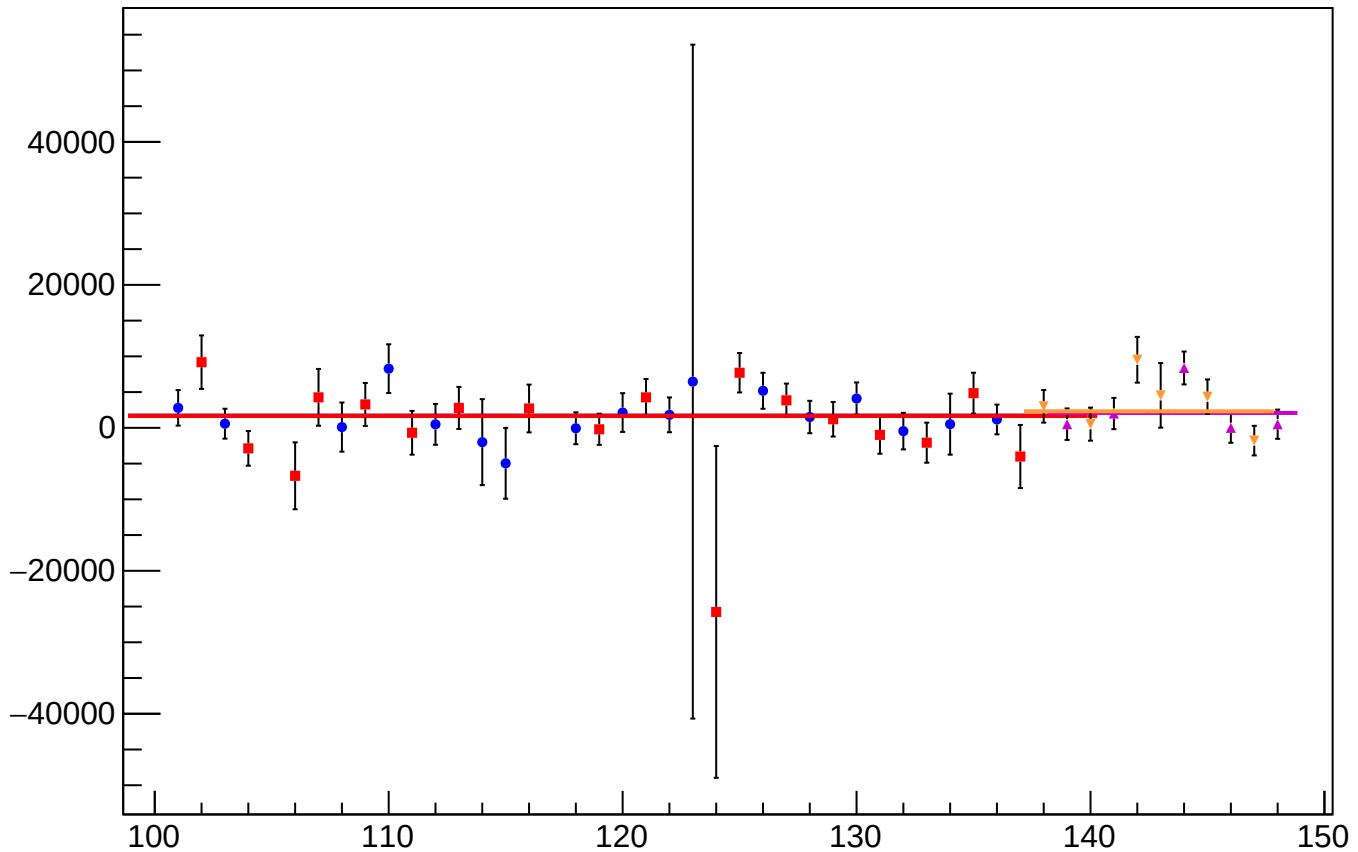
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

In: 2324.643 ± 0.508 $\chi^2/\text{NDF}: 577097.4/21$

Out: 2346.189 ± 0.513 $\chi^2/\text{NDF}: 1181491.1/23$

All: 2335.319 ± 0.361 $\chi^2/\text{NDF}: 1759478.4/45$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566+/-667.149 χ^2/NDF : 11.4/16

Left Out: 2314.062+/-1036.554 χ^2/NDF : 10.6/5

Right Out: 1665.369+/-695.701 χ^2/NDF : 26.8/17

Left In: 2080.940+/-966.073 χ^2/NDF : 9.6/4

Left: 2189.306+/-706.721 χ^2/NDF : 20.2/10

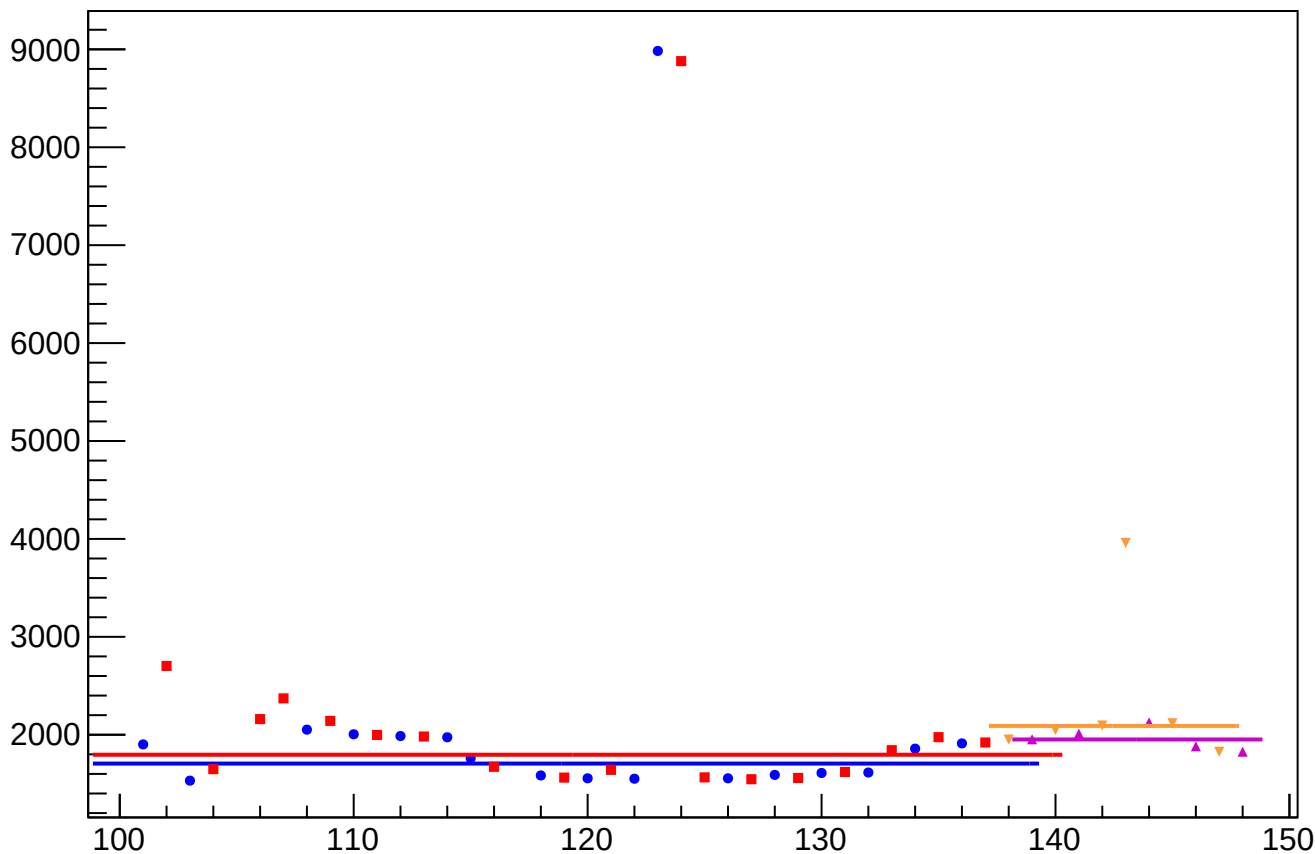
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 1831.516+/-548.969 χ^2/NDF : 21.0/21

Out: 1866.831+/-577.656 χ^2/NDF : 37.8/23

All: 1848.275+/-397.935 χ^2/NDF : 58.8/45

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 2090.198+/-0.733 χ^2/NDF : 383438.5/5

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1951.770+/-0.683 χ^2/NDF : 22676.8/4

Left: 2016.118+/-0.500 χ^2/NDF : 425203.8/10

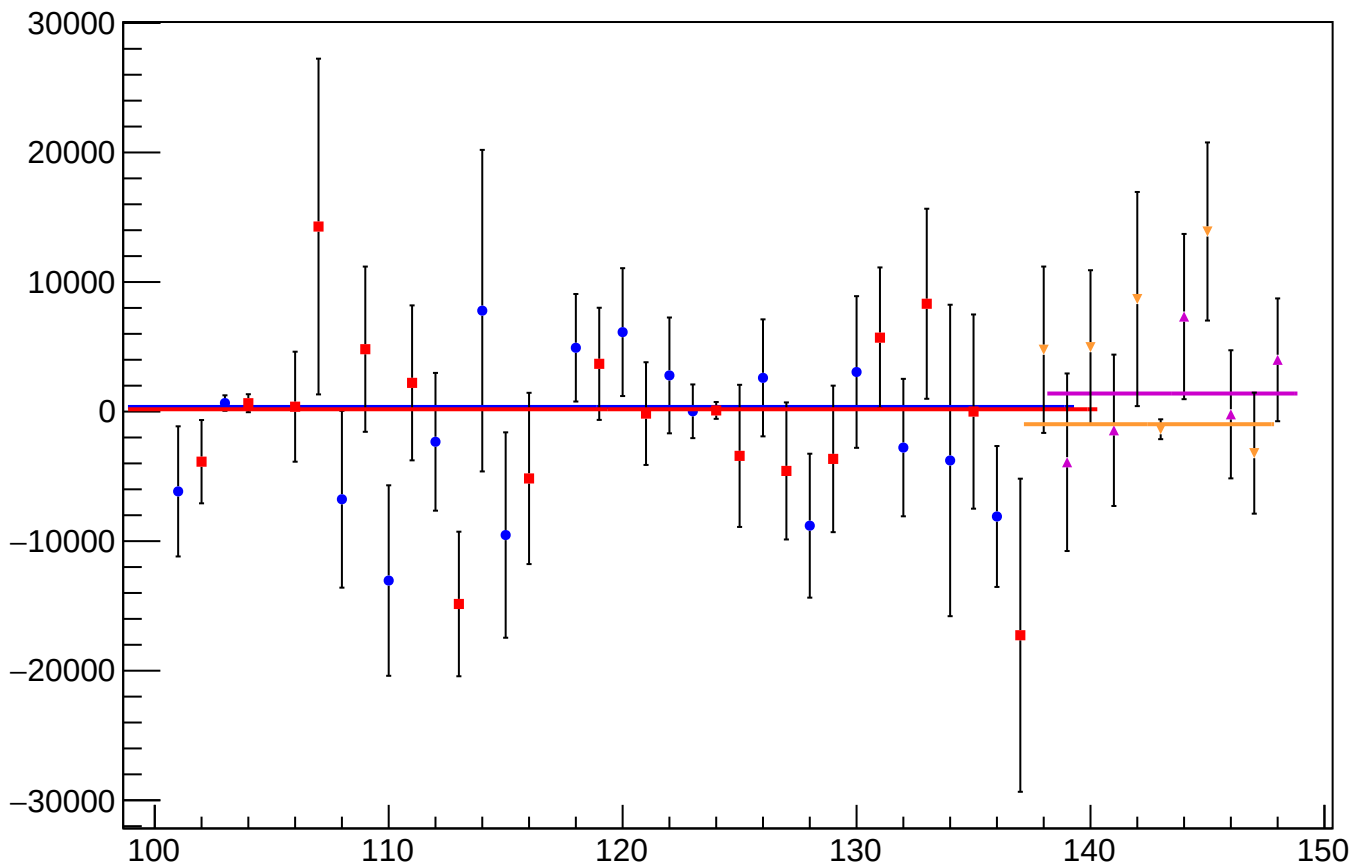
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1785.106+/-0.388 χ^2/NDF : 304762.1/21

Out: 1886.798+/-0.408 χ^2/NDF : 1013792.6/23

All: 1833.441+/-0.281 χ^2/NDF : 1351174.8/45

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -974.088+/-737.610 χ^2/NDF : 8.3/5

Right Out: 179.185+/-446.995 χ^2/NDF : 18.5/17

Left In: 1394.677+/-2495.239 χ^2/NDF : 2.1/4

Left: -783.731+/-707.352 χ^2/NDF : 11.3/10

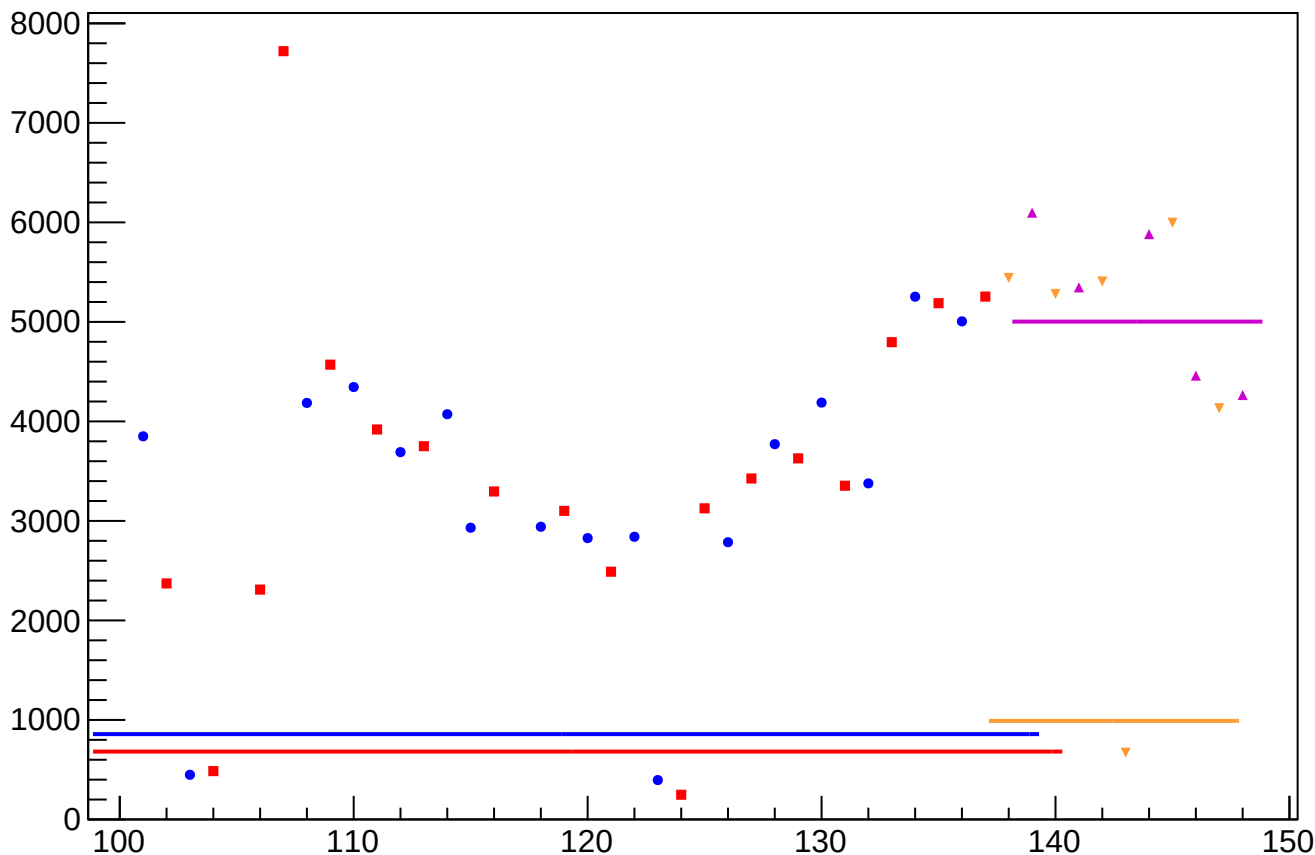
Right: 252.583+/-342.551 χ^2/NDF : 36.1/34

In: 402.339+/-521.437 χ^2/NDF : 19.8/21

Out: -130.585+/-382.279 χ^2/NDF : 28.6/23

All: 55.716+/-308.302 χ^2/NDF : 49.1/45

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2/NDF : 8175260.6/16

Left Out: 990.494 $\pm$ 0.522 χ^2/NDF : 4888146.6/5

Right Out: 682.114 $\pm$ 0.316 χ^2/NDF : 9378570.8/17

Left In: 5002.812 $\pm$ 1.764 χ^2/NDF : 168536.6/4

Left: 1312.929 $\pm$ 0.500 χ^2/NDF : 9812374.9/10

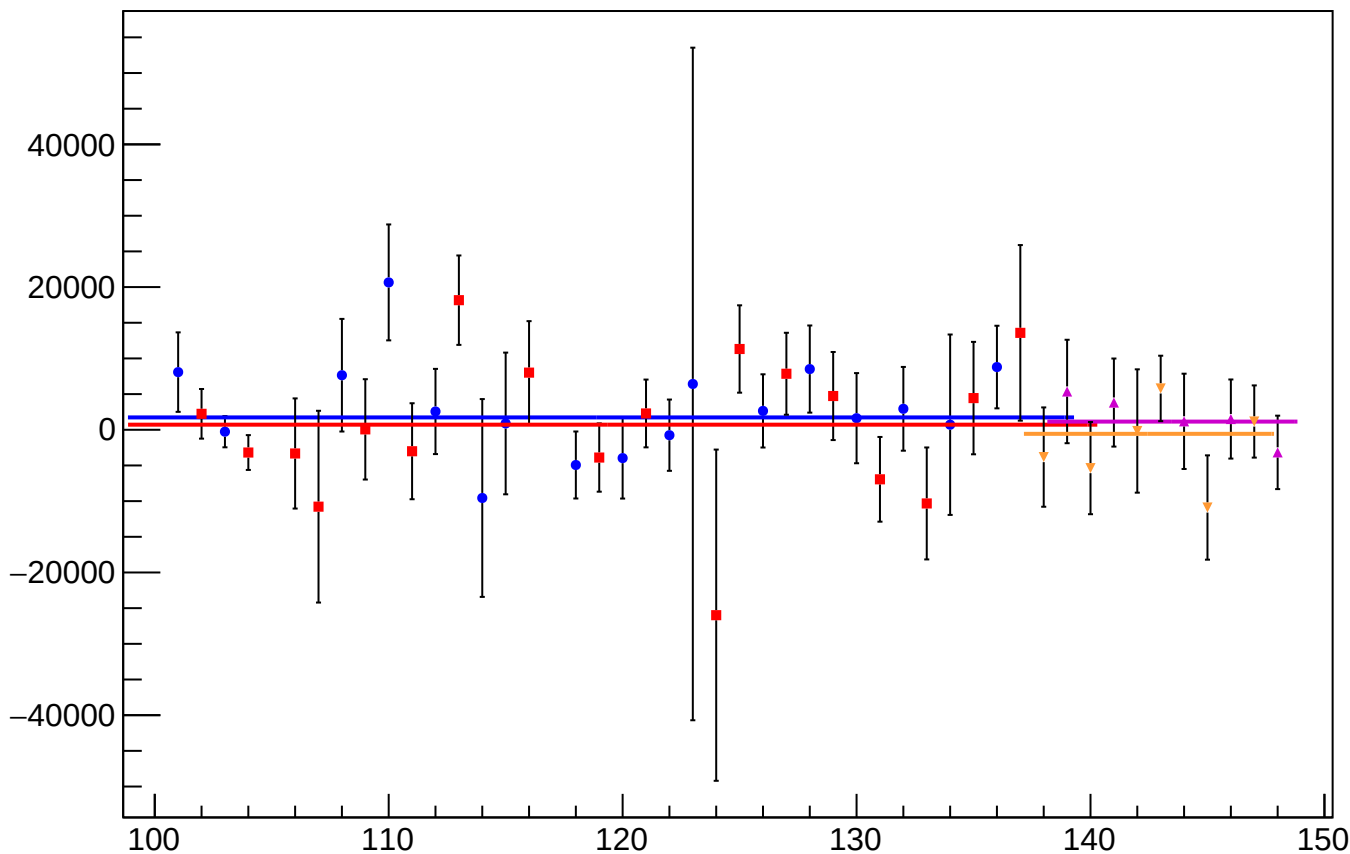
Right: 754.488 $\pm$ 0.242 χ^2/NDF : 17680867.8/34

In: 1038.497 $\pm$ 0.369 χ^2/NDF : 13622584.4/21

Out: 764.945 $\pm$ 0.270 χ^2/NDF : 14522401.7/23

All: 860.574 $\pm$ 0.218 χ^2/NDF : 28502998.2/45

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: -568.310+/-2474.347 χ^2/NDF : 4.8/5

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

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

Left: 217.130+/-1821.663 χ^2/NDF : 6.3/10

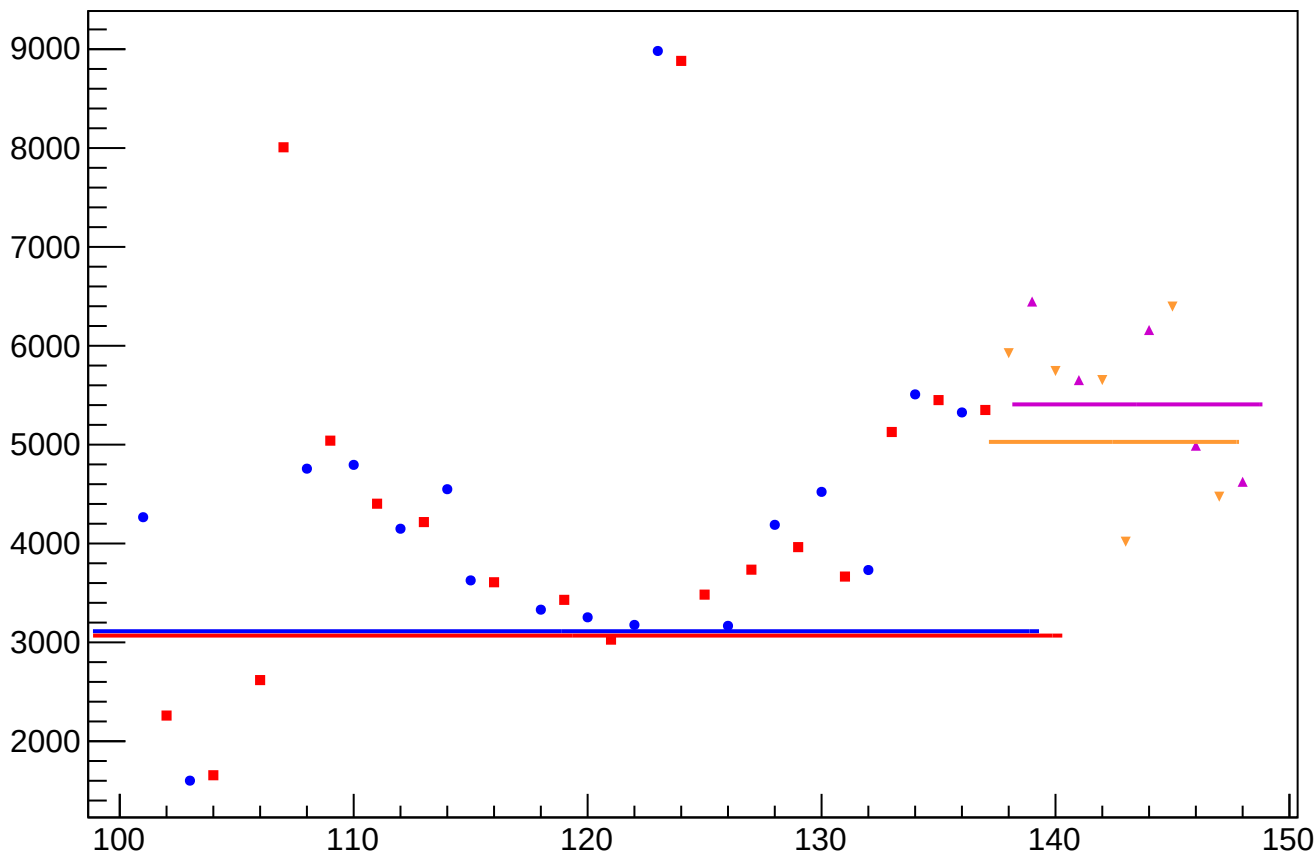
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1621.698+/-1173.991 χ^2/NDF : 16.2/21

Out: 440.897+/-1144.364 χ^2/NDF : 30.2/23

All: 1016.210+/-819.461 χ^2/NDF : 46.8/45

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2 /NDF: 1884511.8/16

Left Out: 5027.792 $\pm$ 1.750 χ^2 /NDF: 259380.0/5

Right Out: 3068.634 $\pm$ 0.899 χ^2 /NDF: 2001632.3/17

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

Left: 5201.487 $\pm$ 1.288 χ^2 /NDF: 408292.5/10

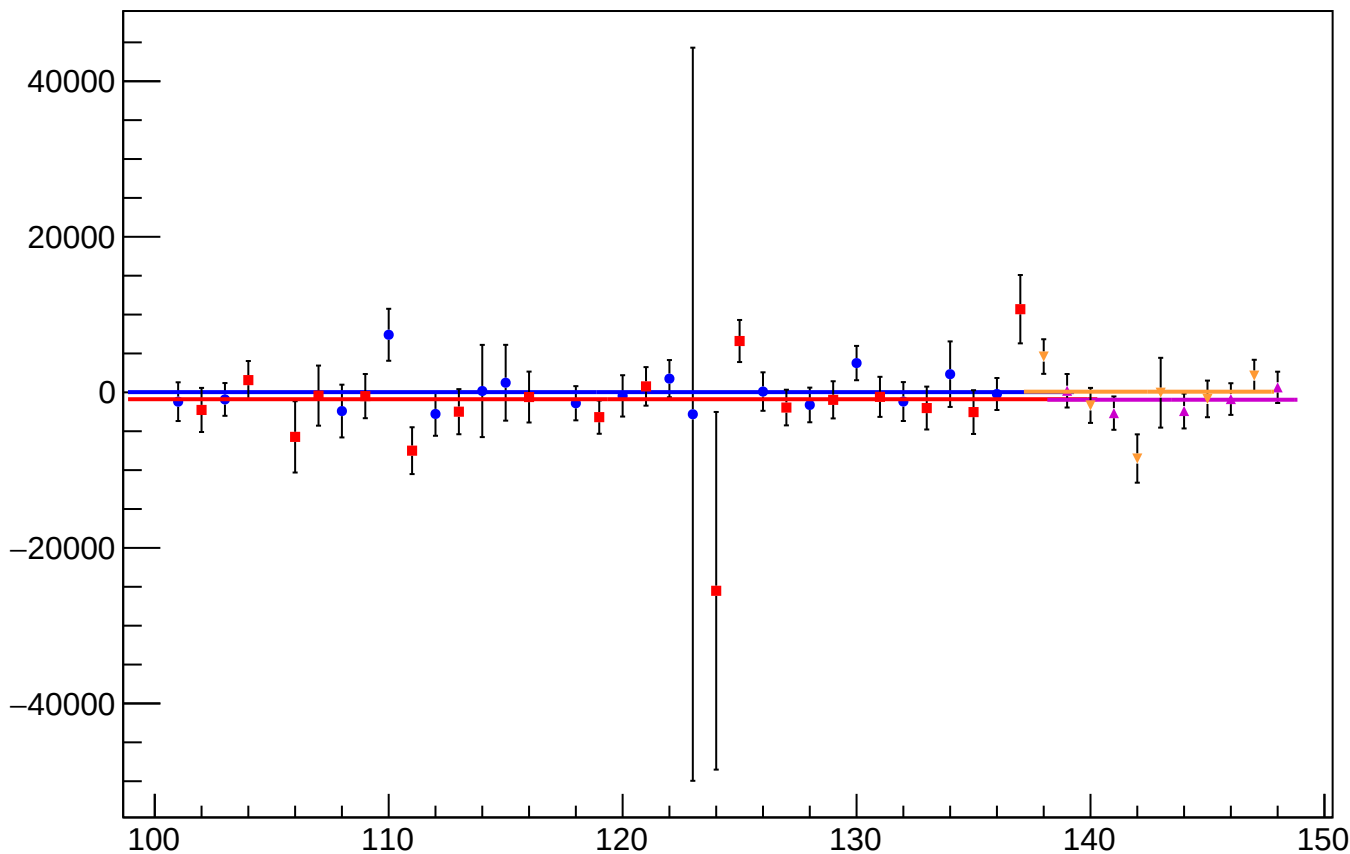
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 3549.102 $\pm$ 0.830 χ^2 /NDF: 3188532.7/21

Out: 3478.101 $\pm$ 0.800 χ^2 /NDF: 3252810.3/23

All: 3512.284 $\pm$ 0.576 χ^2 /NDF: 6445136.4/45

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 85.510 ± 1013.214 $\chi^2/\text{NDF}: 13.6/5$

Right Out: -882.685 ± 674.623 $\chi^2/\text{NDF}: 25.6/17$

Left In: -950.307 ± 944.807 $\chi^2/\text{NDF}: 2.0/4$

Left: -468.543 ± 690.998 $\chi^2/\text{NDF}: 16.1/10$

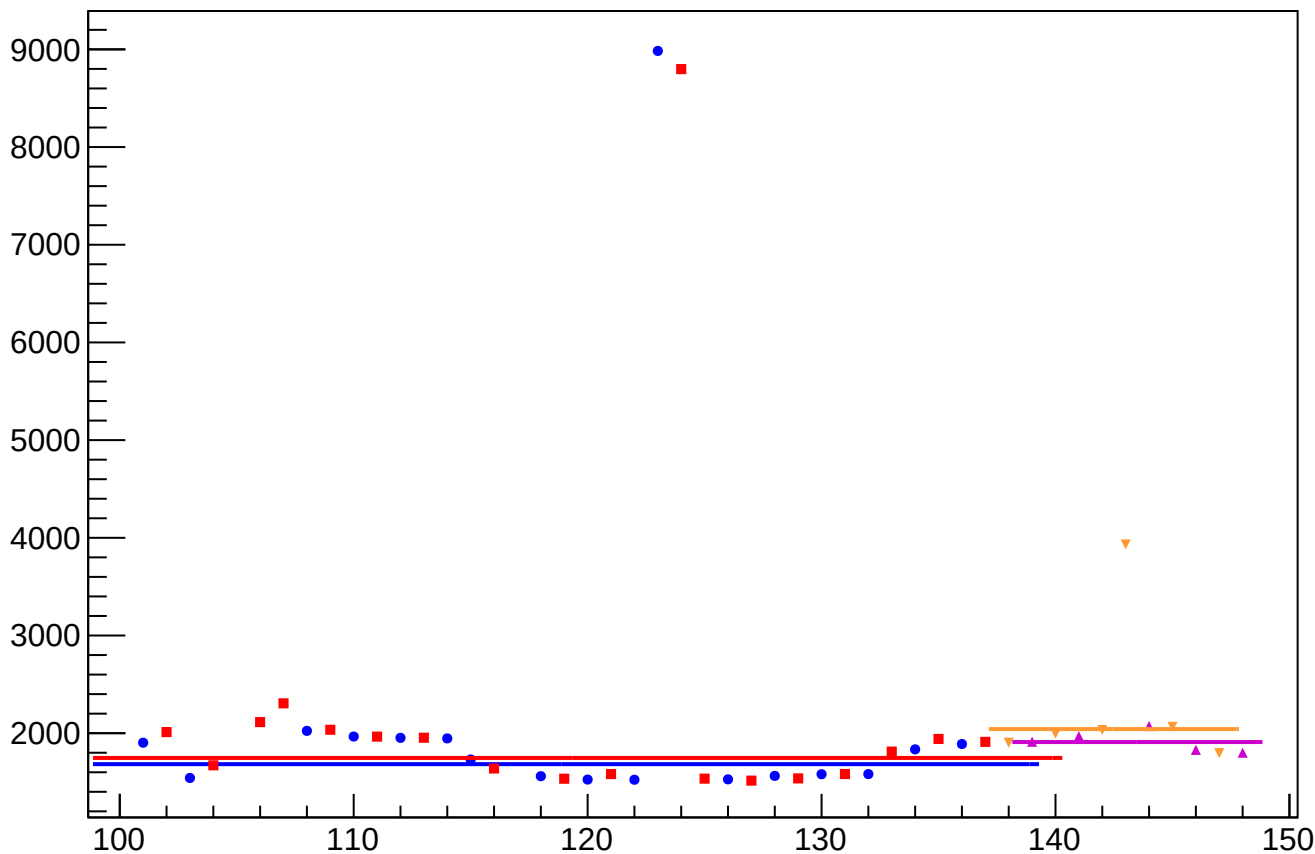
Right: -415.699 ± 471.191 $\chi^2/\text{NDF}: 38.4/34$

In: -291.048 ± 540.179 $\chi^2/\text{NDF}: 14.5/21$

Out: -585.300 ± 561.538 $\chi^2/\text{NDF}: 39.8/23$

All: -432.471 ± 389.296 $\chi^2/\text{NDF}: 54.5/45$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 2042.036 $\pm$ 0.716 χ^2 /NDF:393067.6/5

Right Out: 1746.802 ± 0.476 χ^2/NDF : 406724.0/17

Left In: 1909.473+/-0.668 χ^2/NDF :21169.6/4

Left: 1971.129 ± 0.489 $\chi^2/\text{NDF}: 432549.5/10$

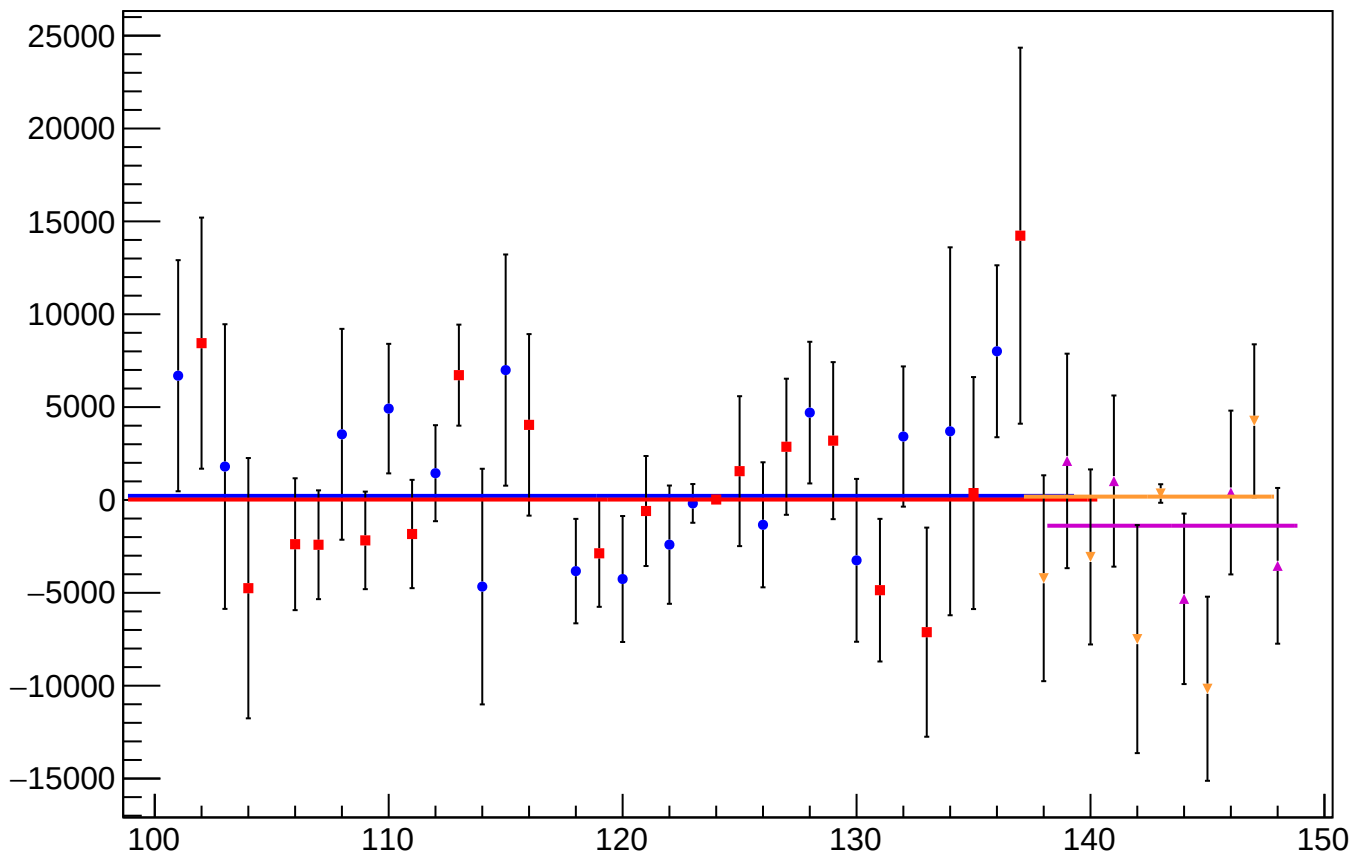
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1757.113+/-0.382 χ^2/NDF :294293.3/21

Out: 1837.207+/-0.396 χ^2/NDF :917602.8/23

All: 1795.669+/-0.275 χ^2/NDF : 1233062.5/45

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 $\pm$ 720.915 χ^2 /NDF: 15.8/16

Left Out: 179.859 $\pm$ 487.064 χ^2 /NDF:8.1/5

Right Out: 21.945 $\pm$ 114.135 χ^2 /NDF: 18.6/17

Left In: -1386.865 $\pm$ 2072.210 χ^2 /NDF:1.8/4

Left: 97.835 $\pm$ 474.143 χ^2 /NDF: 10.5/10

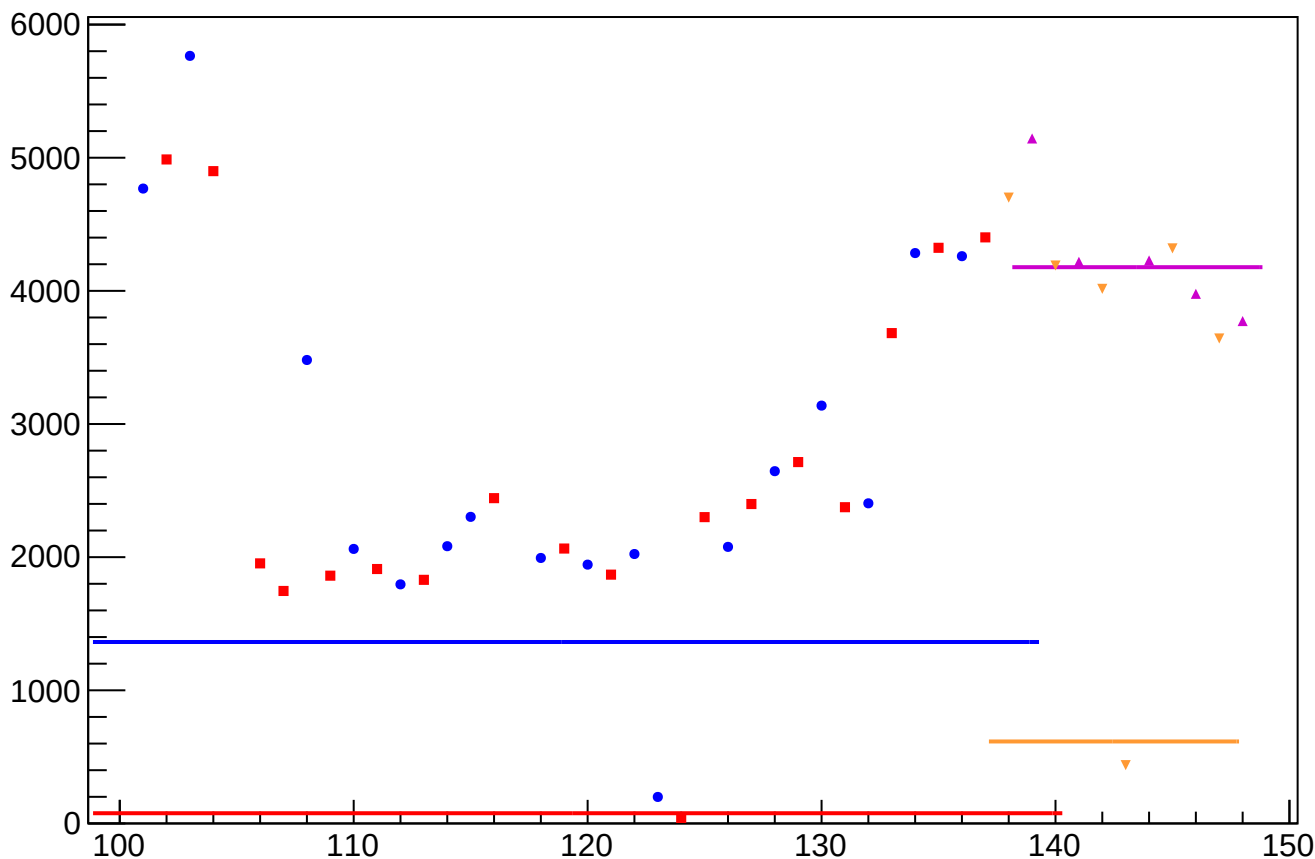
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 46.344 $\pm$ 680.887 χ^2 /NDF:18.2/21

Out: 30.165 $\pm$ 111.125 χ^2 /NDF:26.8/23

All: 30.584 $\pm$ 109.674 χ^2 /NDF: 44.9/45

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2/NDF : 6235846.3/16

Left Out: 615.761 $\pm$ 0.344 χ^2/NDF : 5301266.6/5

Right Out: 76.832 $\pm$ 0.081 χ^2/NDF : 13114372.5/17

Left In: 4177.923 $\pm$ 1.465 χ^2/NDF : 79184.7/4

Left: 802.255 $\pm$ 0.335 χ^2/NDF : 10981068.4/10

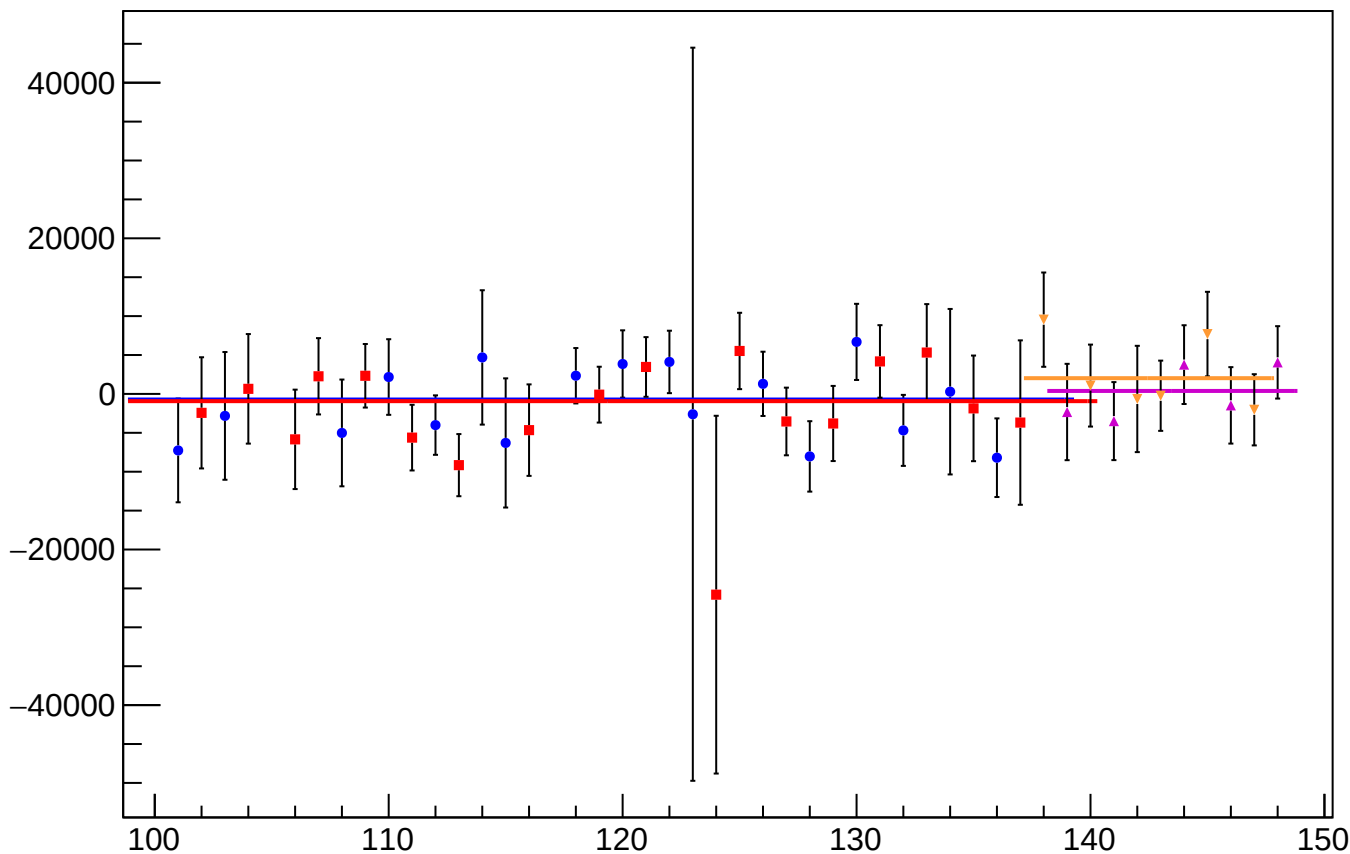
Right: 108.278 $\pm$ 0.080 χ^2/NDF : 25558892.3/34

In: 1666.772 $\pm$ 0.481 χ^2/NDF : 9607533.6/21

Out: 104.885 $\pm$ 0.079 χ^2/NDF : 20736795.6/23

All: 145.409 $\pm$ 0.078 χ^2/NDF : 40595234.0/45

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$

Left Out: 2022.601 ± 2154.753 $\chi^2/\text{NDF}: 3.9/5$

Right Out: -931.712 ± 1194.458 $\chi^2/\text{NDF}: 14.9/17$

Left In: 381.235 ± 2279.031 $\chi^2/\text{NDF}: 2.0/4$

Left: 1247.889 ± 1565.733 $\chi^2/\text{NDF}: 6.1/10$

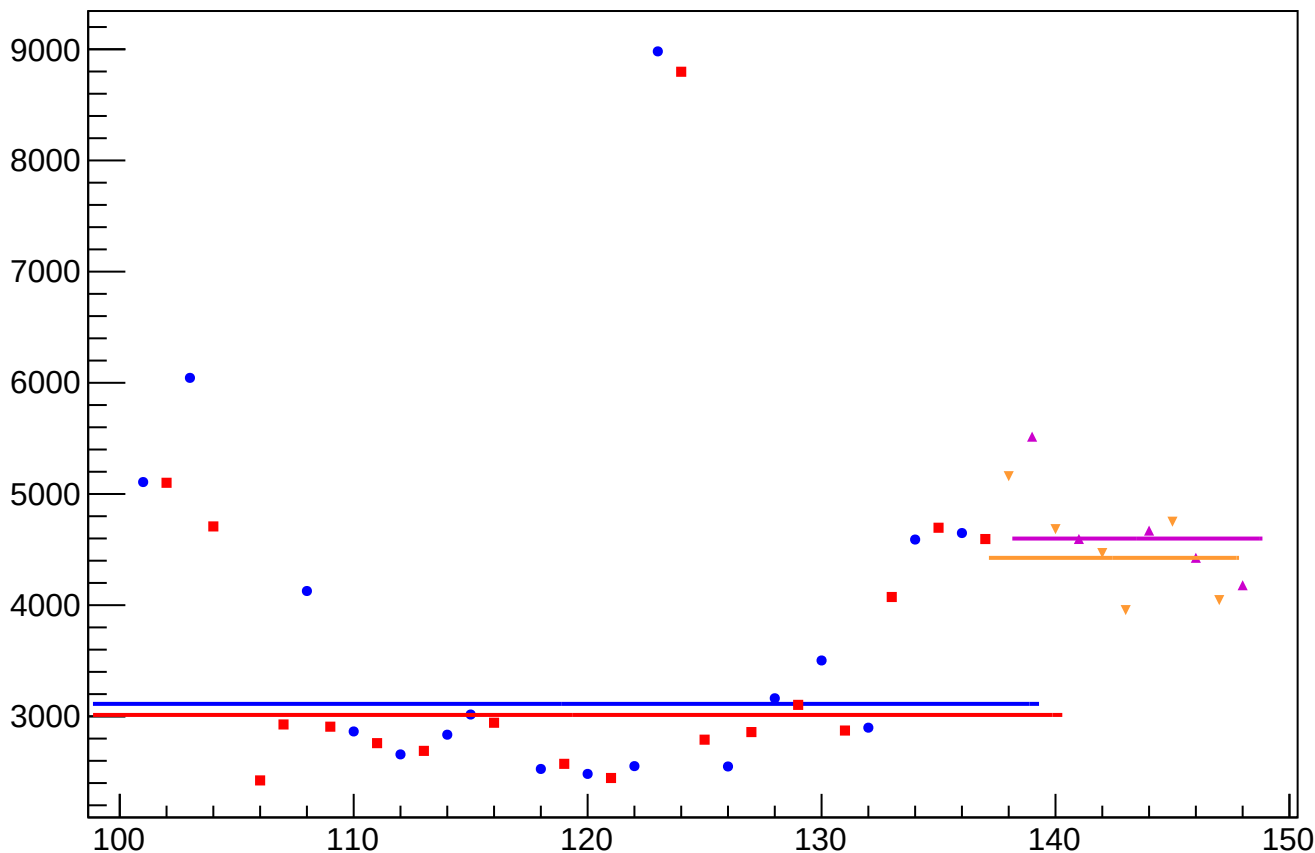
Right: -831.583 ± 864.407 $\chi^2/\text{NDF}: 29.7/34$

In: -465.679 ± 1097.670 $\chi^2/\text{NDF}: 16.9/21$

Out: -237.277 ± 1044.684 $\chi^2/\text{NDF}: 20.2/23$

All: -345.832 ± 756.742 $\chi^2/\text{NDF}: 37.1/45$

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4425.573+/-1.524 χ^2/NDF : 76897.0/5

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

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

Left: 4507.495+/-1.107 χ^2/NDF : 146005.5/10

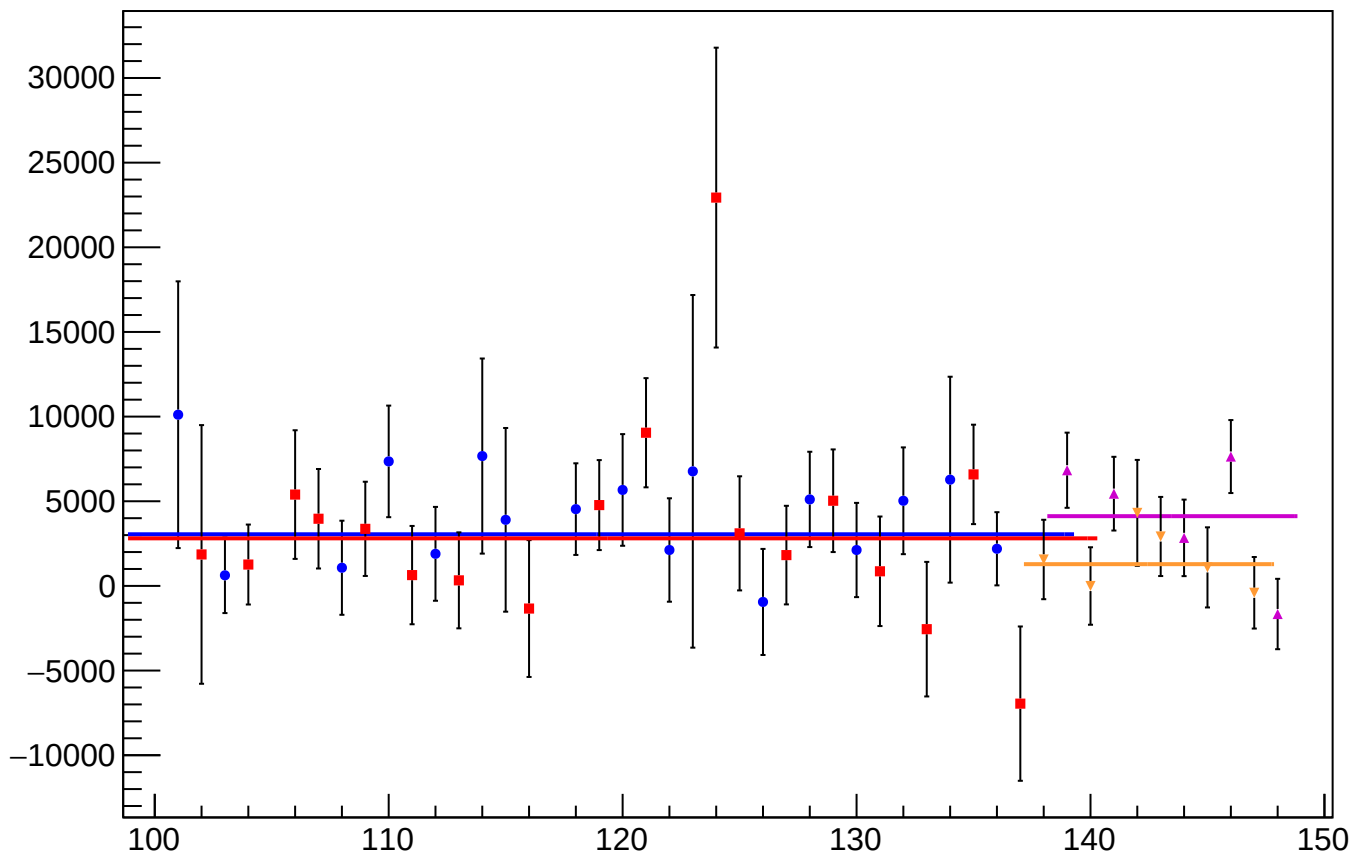
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3457.156+/-0.776 χ^2/NDF : 1675323.9/21

Out: 3338.495+/-0.732 χ^2/NDF : 1512733.8/23

All: 3394.321+/-0.532 χ^2/NDF : 3200434.3/45

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2 /NDF: 9.3/16

Left Out: 1284.180 $\pm$ 970.997 χ^2 /NDF:2.4/5

Right Out: 2809.116 $\pm$ 766.213 χ^2 /NDF: 22.0/17

Left In: 4118.926 $\pm$ 972.952 χ^2 /NDF:12.6/4

Left: 2698.703 $\pm$ 687.289 χ^2 /NDF: 19.2/10

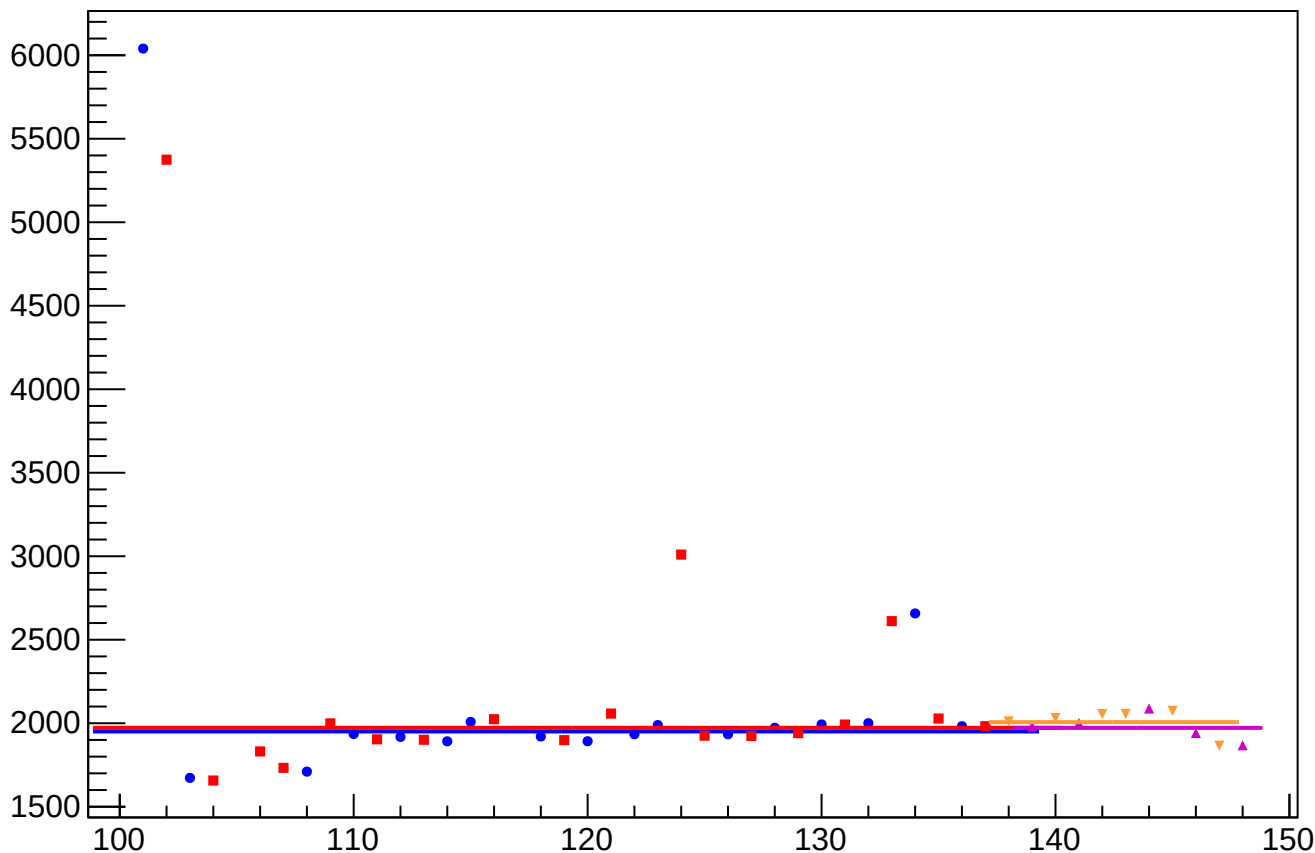
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3462.623 $\pm$ 604.909 χ^2 /NDF:22.6/21

Out: 2223.946 $\pm$ 601.497 χ^2 /NDF:25.9/23

All: 2839.781 $\pm$ 426.524 χ^2 /NDF: 50.7/45

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 ± 0.546 χ^2/NDF : 615165.3/16

Left Out: 2006.576 ± 0.687 χ^2/NDF : 12133.4/5

Right Out: 1972.726 ± 0.541 χ^2/NDF : 535670.1/17

Left In: 1972.257 ± 0.688 χ^2/NDF : 11040.8/4

Left: 1989.451 ± 0.486 χ^2/NDF : 24420.9/10

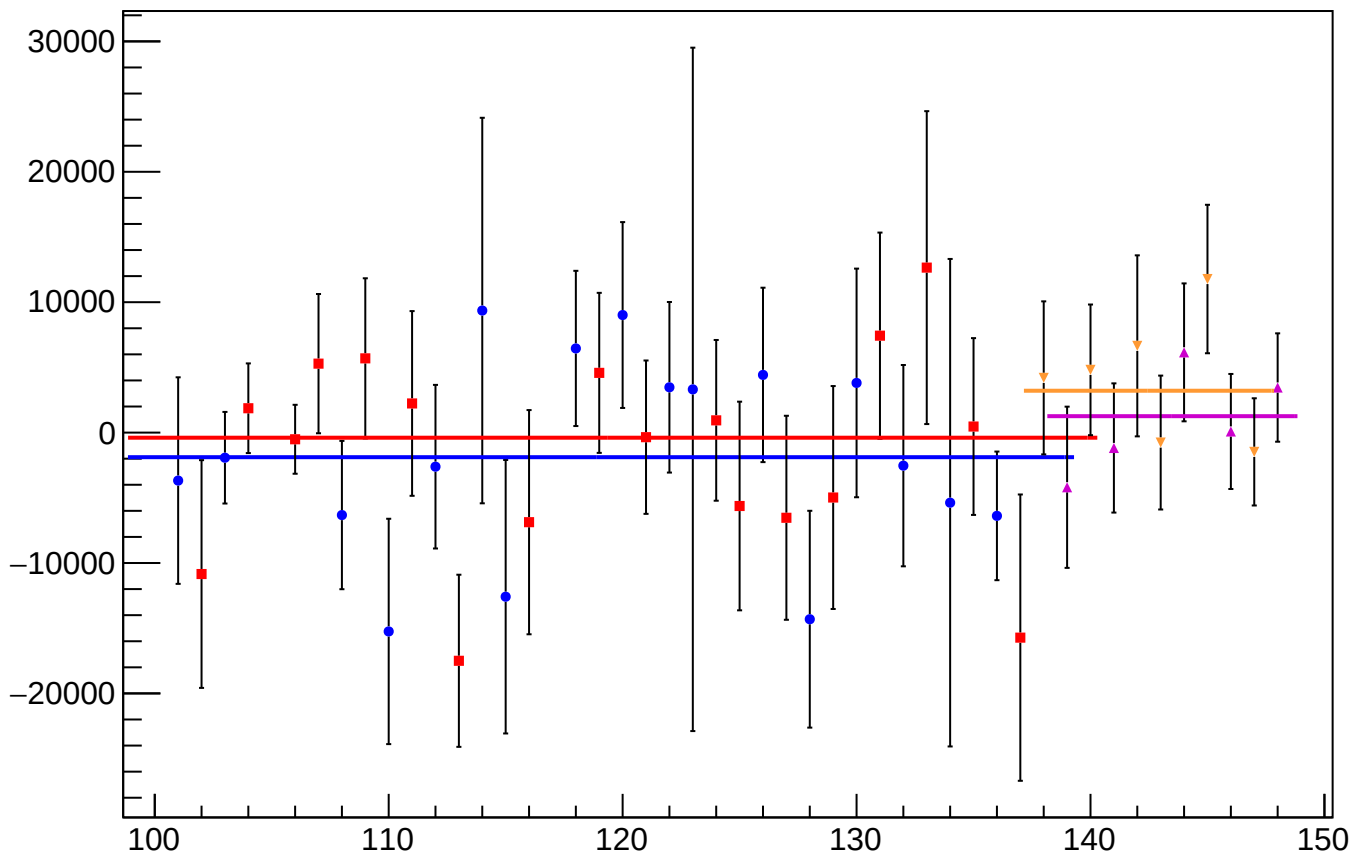
Right: 1961.803 ± 0.385 χ^2/NDF : 1151656.3/34

In: 1959.028 ± 0.428 χ^2/NDF : 626808.8/21

Out: 1985.705 ± 0.425 χ^2/NDF : 549302.1/23

All: 1972.447 ± 0.302 χ^2/NDF : 1178067.7/45

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 3210.511+/-2143.597 χ^2/NDF : 4.5/5

Right Out: -391.453+/-1361.685 χ^2/NDF : 17.6/17

Left In: 1259.337+/-2171.909 χ^2/NDF : 2.2/4

Left: 2247.724+/-1525.663 χ^2/NDF : 7.2/10

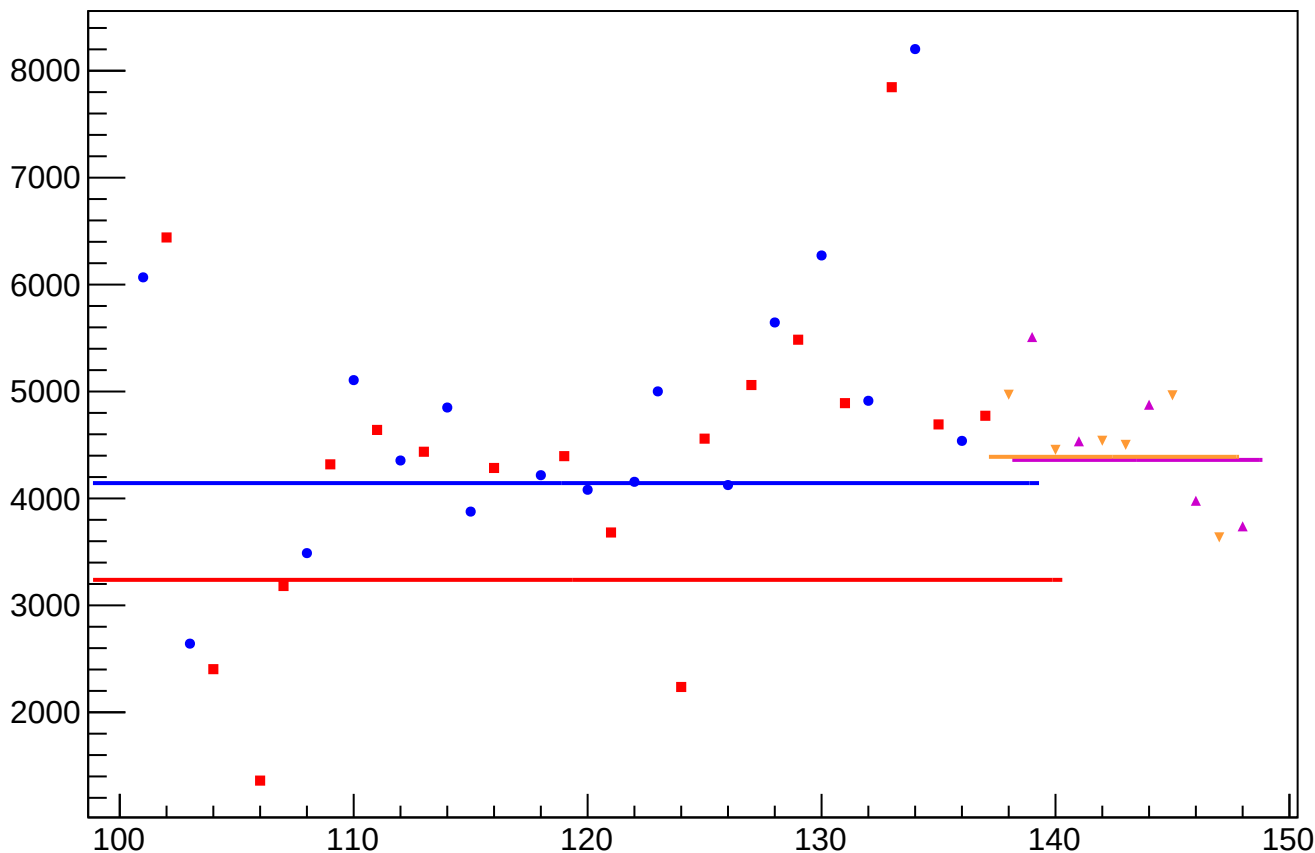
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -727.485+/-1317.875 χ^2/NDF : 17.7/21

Out: 644.136+/-1149.389 χ^2/NDF : 24.1/23

All: 51.557+/-866.224 χ^2/NDF : 42.4/45

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4389.252+/-1.516 χ^2/NDF : 109421.9/5

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

Left In: 4360.523+/-1.536 χ^2/NDF : 150348.6/4

Left: 4375.076+/-1.079 χ^2/NDF : 259947.8/10

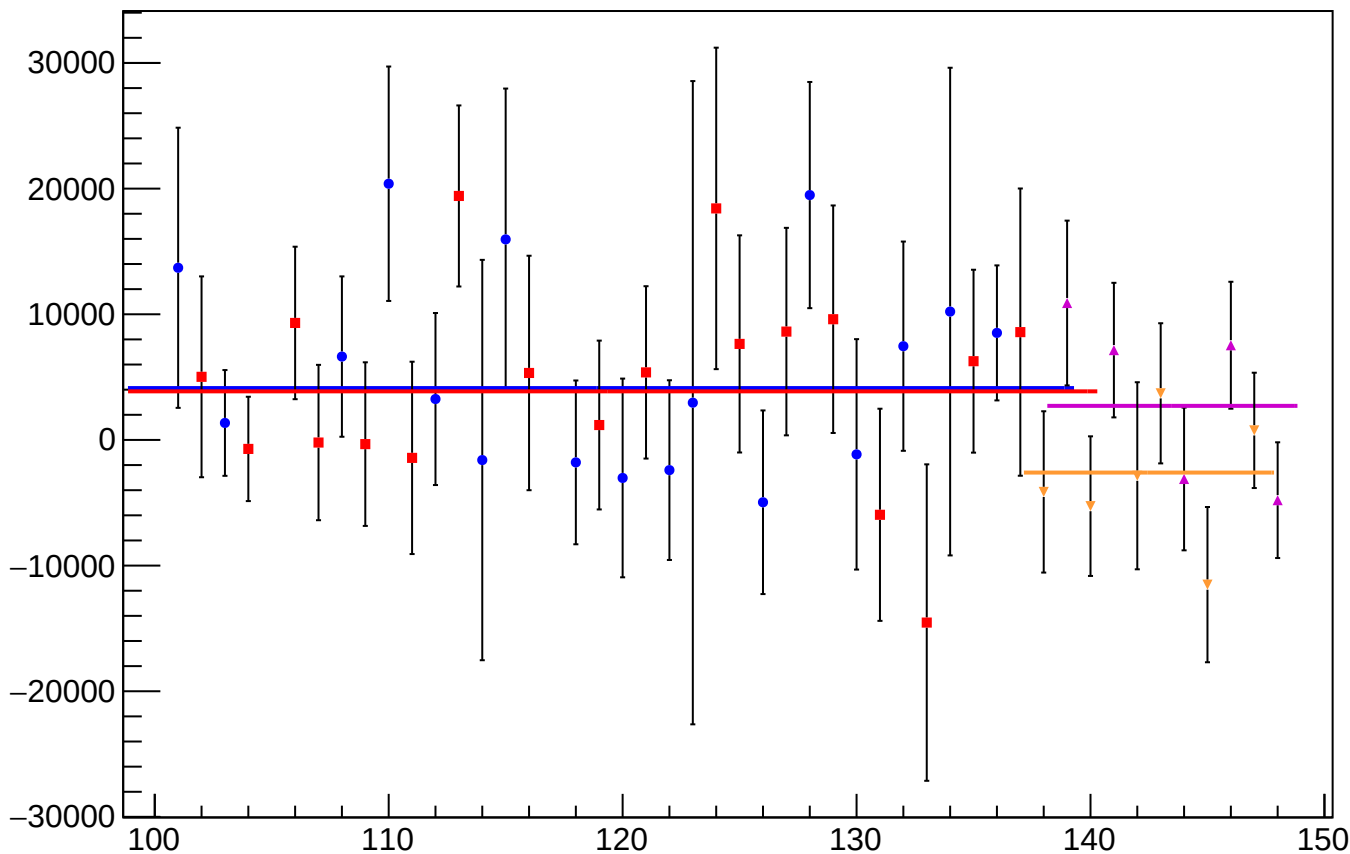
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4223.391+/-0.932 χ^2/NDF : 1018940.5/21

Out: 3569.413+/-0.813 χ^2/NDF : 3101982.9/23

All: 3851.950+/-0.613 χ^2/NDF : 4400649.8/45

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: -2596.982 $\pm$ 2353.258 χ^2 /NDF: 4.2/5

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 2711.949 $\pm$ 2386.989 χ^2 /NDF: 6.9/4

Left: 19.709 $\pm$ 1675.803 χ^2 /NDF: 13.6/10

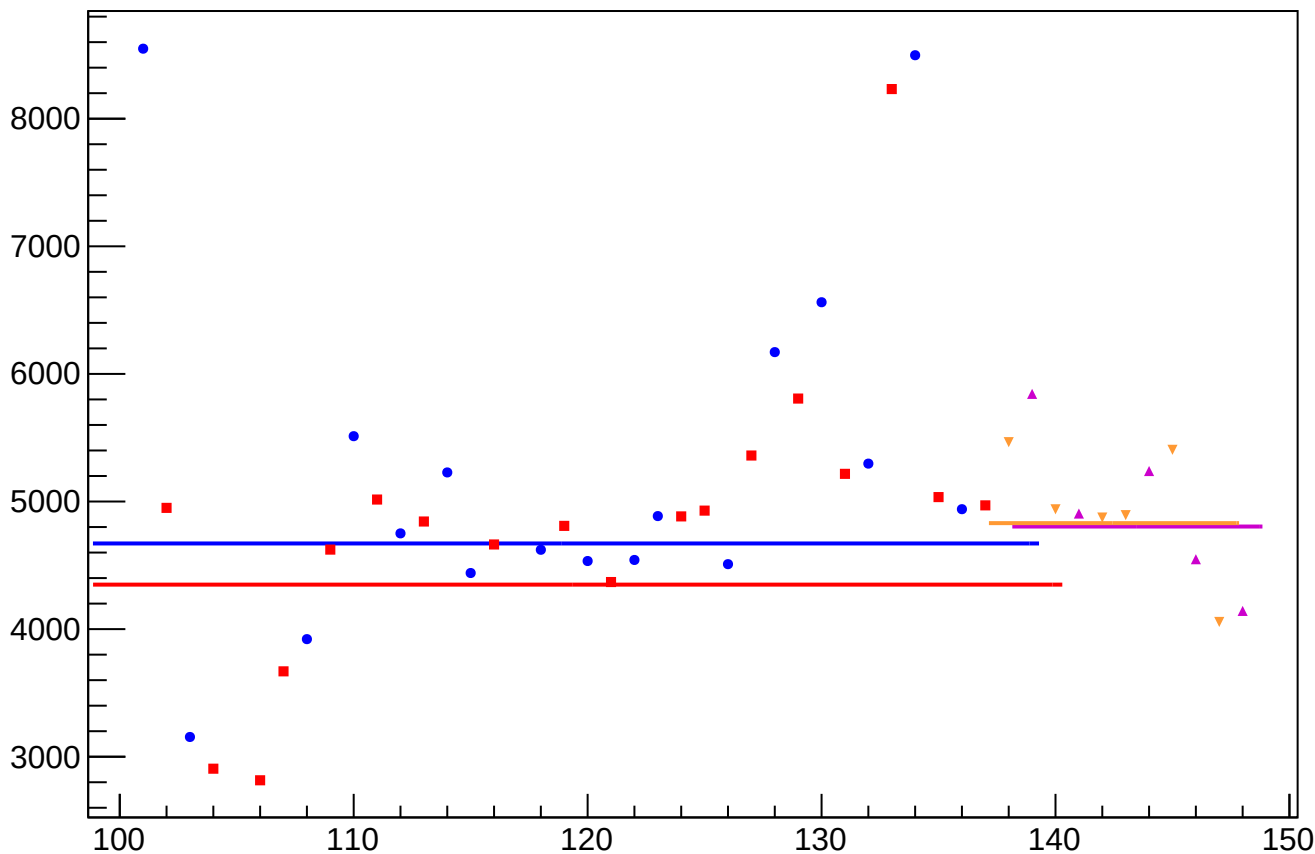
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 3591.076 $\pm$ 1468.667 χ^2 /NDF: 20.8/21

Out: 1603.136 $\pm$ 1392.555 χ^2 /NDF: 23.3/23

All: 2544.261 $\pm$ 1010.521 χ^2 /NDF: 45.1/45

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2/NDF : 786112.0/16

Left Out: 4830.587 $\pm$ 1.664 χ^2/NDF : 94902.2/5

Right Out: 4348.716 $\pm$ 1.214 χ^2/NDF : 792425.3/17

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

Left: 4817.480 $\pm$ 1.185 χ^2/NDF : 204165.0/10

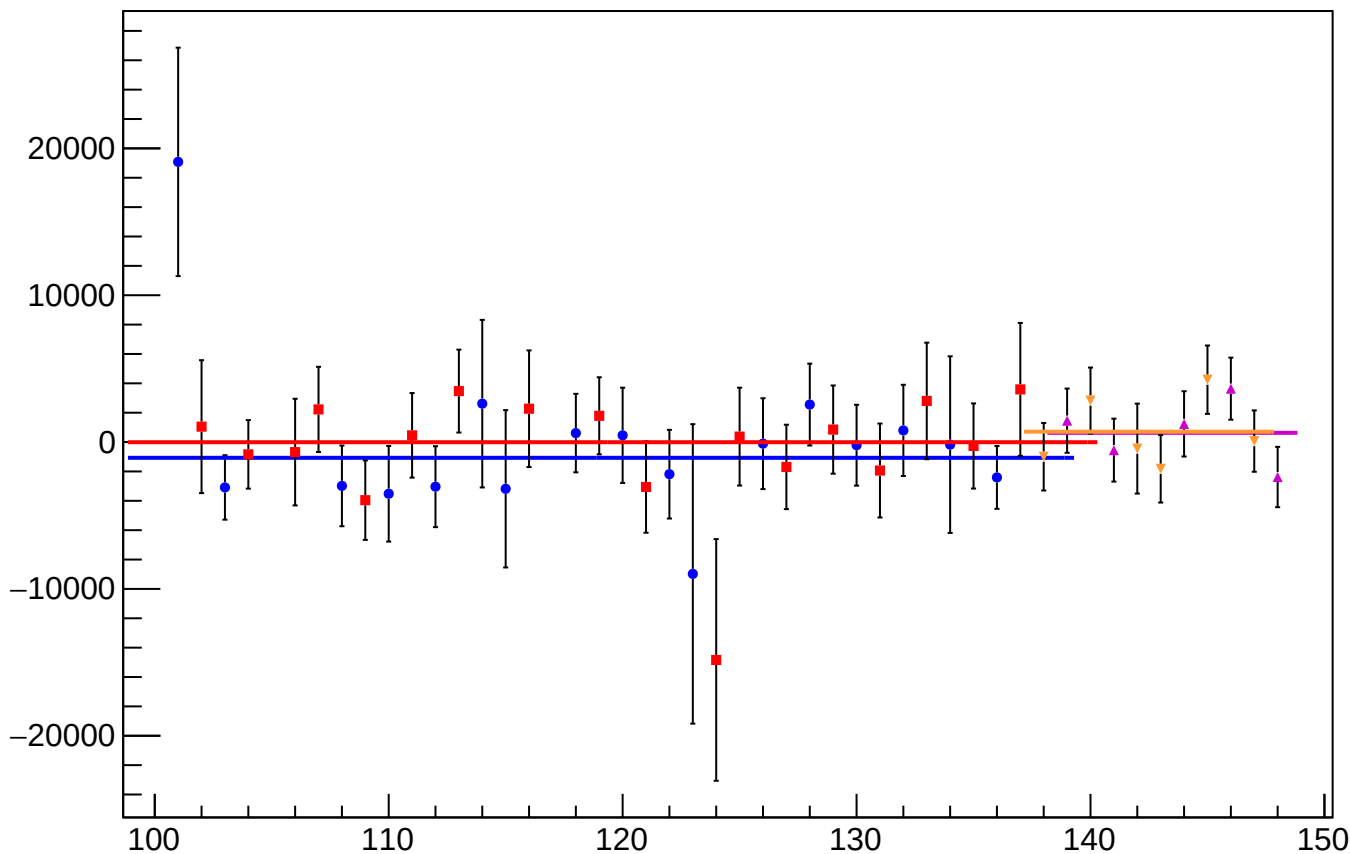
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4721.546 $\pm$ 1.039 χ^2/NDF : 899088.8/21

Out: 4516.184 $\pm$ 0.981 χ^2/NDF : 942042.6/23

All: 4613.019 $\pm$ 0.713 χ^2/NDF : 1861796.7/45

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 ± 762.970 $\chi^2/\text{NDF}: 13.7/16$

Left Out: 708.822 ± 954.772 $\chi^2/\text{NDF}: 5.2/5$

Right Out: -8.910 ± 748.092 $\chi^2/\text{NDF}: 11.4/17$

Left In: 630.502 ± 957.799 $\chi^2/\text{NDF}: 4.7/4$

Left: 669.786 ± 676.193 $\chi^2/\text{NDF}: 9.9/10$

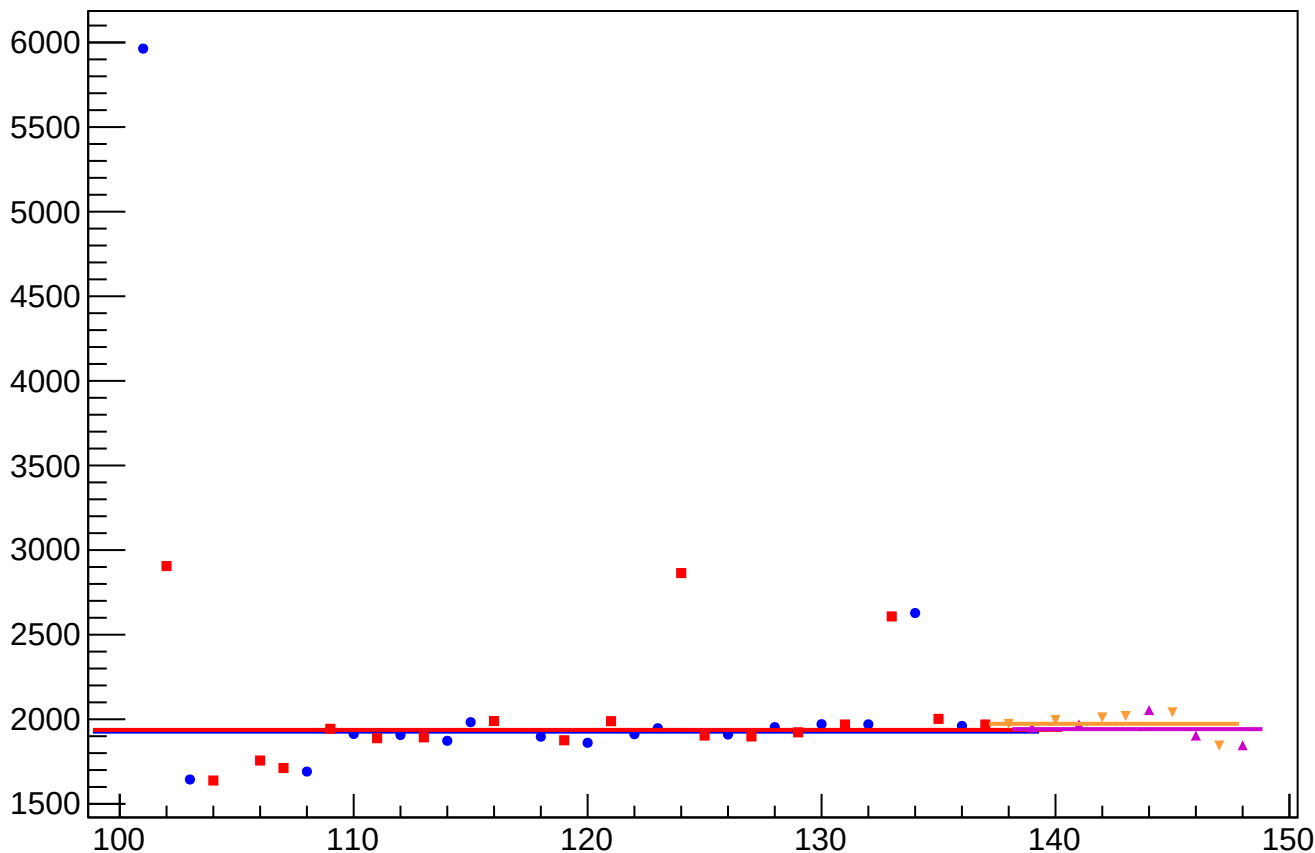
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -410.613 ± 596.772 $\chi^2/\text{NDF}: 20.3/21$

Out: 264.108 ± 588.863 $\chi^2/\text{NDF}: 17.0/23$

All: -68.752 ± 419.157 $\chi^2/\text{NDF}: 38.0/45$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890+/-0.540 χ^2/NDF : 617116.3/16

Left Out: 1973.297+/-0.675 χ^2/NDF :10603.0/5

Right Out: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

Left In: 1941.822+/-0.677 χ^2/NDF :10469.7/4

Left: 1957.609+/-0.478 χ^2/NDF : 22156.0/10

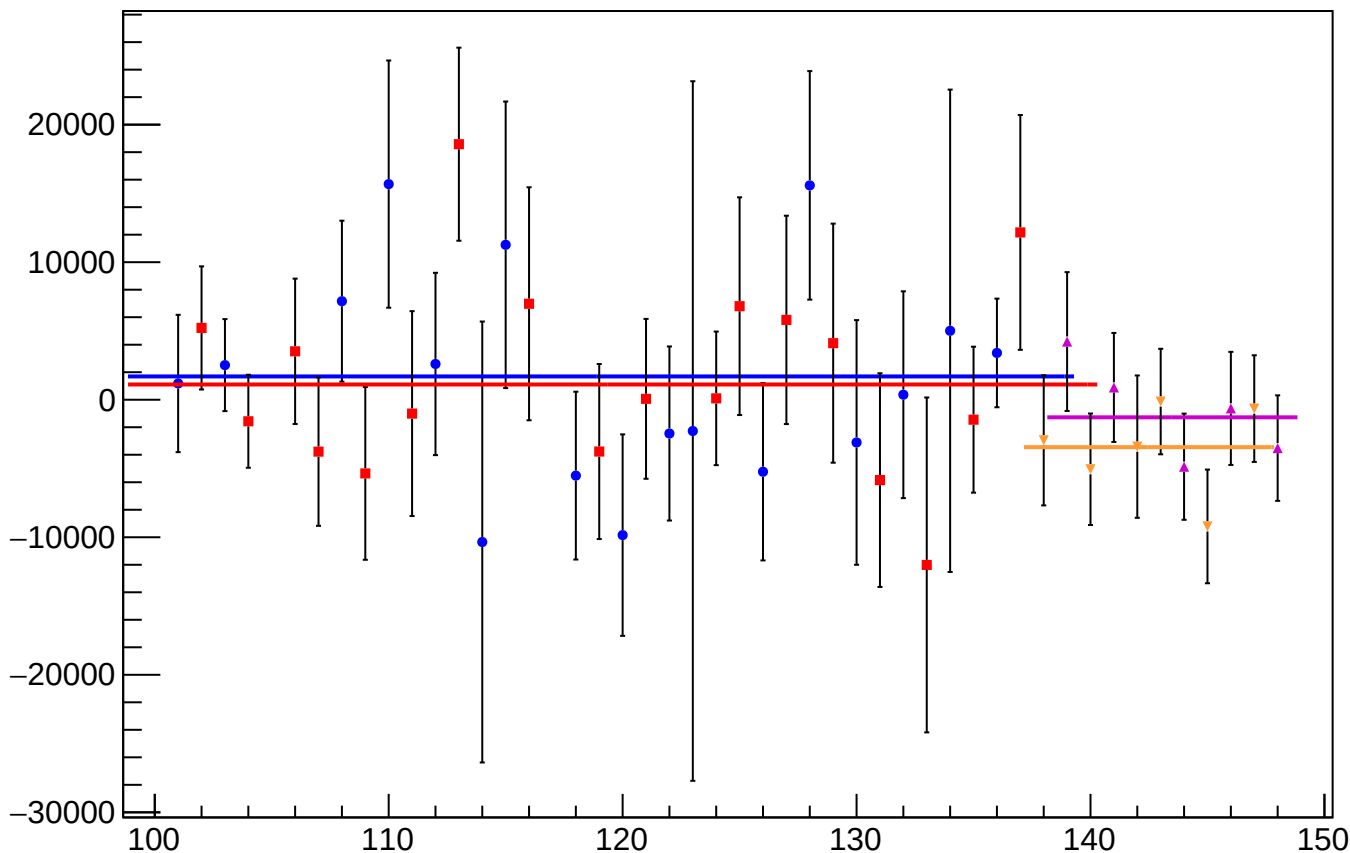
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1932.687+/-0.422 χ^2/NDF :627883.3/21

Out: 1950.967+/-0.416 χ^2/NDF :241447.0/23

All: 1941.953+/-0.296 χ^2/NDF : 870281.6/45

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 $\pm$ 1551.941 χ^2/NDF : 13.6/16

Left Out: -3447.958 $\pm$ 1725.536 χ^2/NDF : 3.4/5

Right Out: 1107.921 $\pm$ 1412.697 χ^2/NDF : 15.9/17

Left In: -1279.606 $\pm$ 1834.308 χ^2/NDF : 2.7/4

Left: -2429.975 $\pm$ 1256.833 χ^2/NDF : 6.8/10

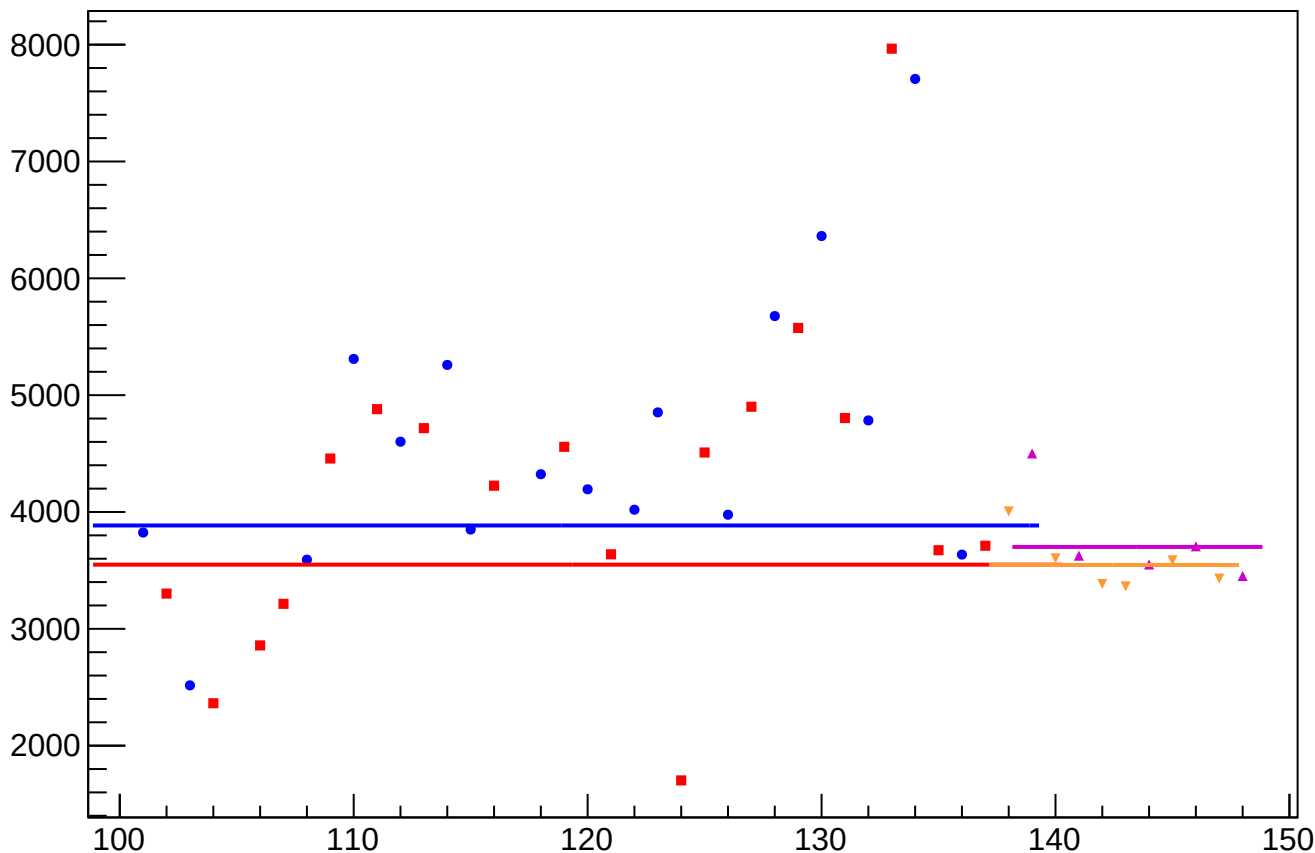
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 453.422 $\pm$ 1184.783 χ^2/NDF : 17.9/21

Out: -720.329 $\pm$ 1093.089 χ^2/NDF : 23.4/23

All: -180.625 $\pm$ 803.394 χ^2/NDF : 41.8/45

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3546.404+/-1.220 χ^2/NDF : 27743.1/5

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 3701.035+/-1.297 χ^2/NDF : 62427.8/4

Left: 3618.999+/-0.889 χ^2/NDF : 97711.1/10

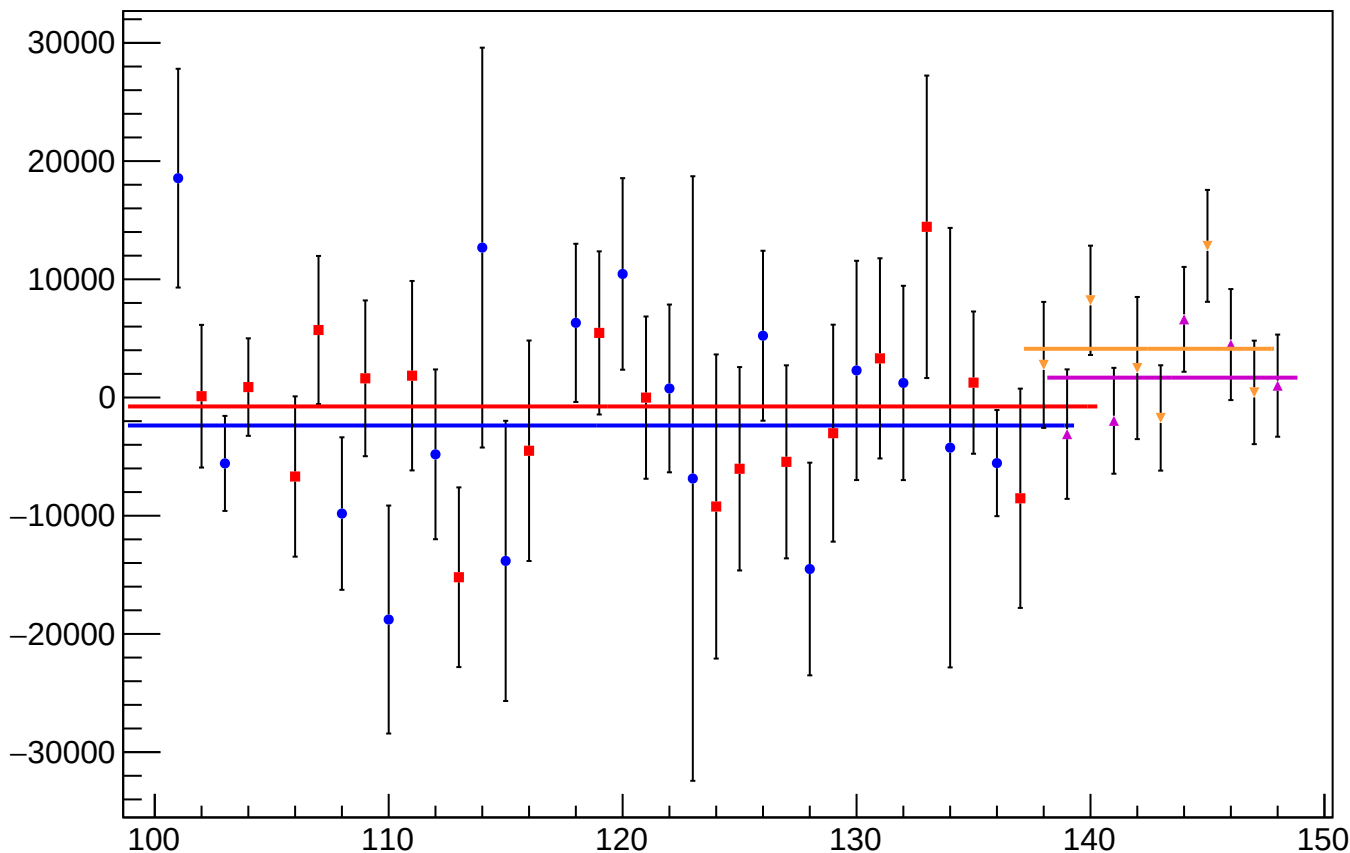
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3808.020+/-0.838 χ^2/NDF : 900665.1/21

Out: 3548.038+/-0.773 χ^2/NDF : 1354693.7/23

All: 3667.581+/-0.568 χ^2/NDF : 2307380.6/45

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 4122.888 $\pm$ 1973.357 χ^2 /NDF:6.7/5

Right Out: -755.757 $\pm$ 1693.103 χ^2 /NDF: 10.5/17

Left In: 1680.698 $\pm$ 2071.683 χ^2 /NDF:3.0/4

Left: 2961.122 $\pm$ 1428.870 χ^2 /NDF: 10.5/10

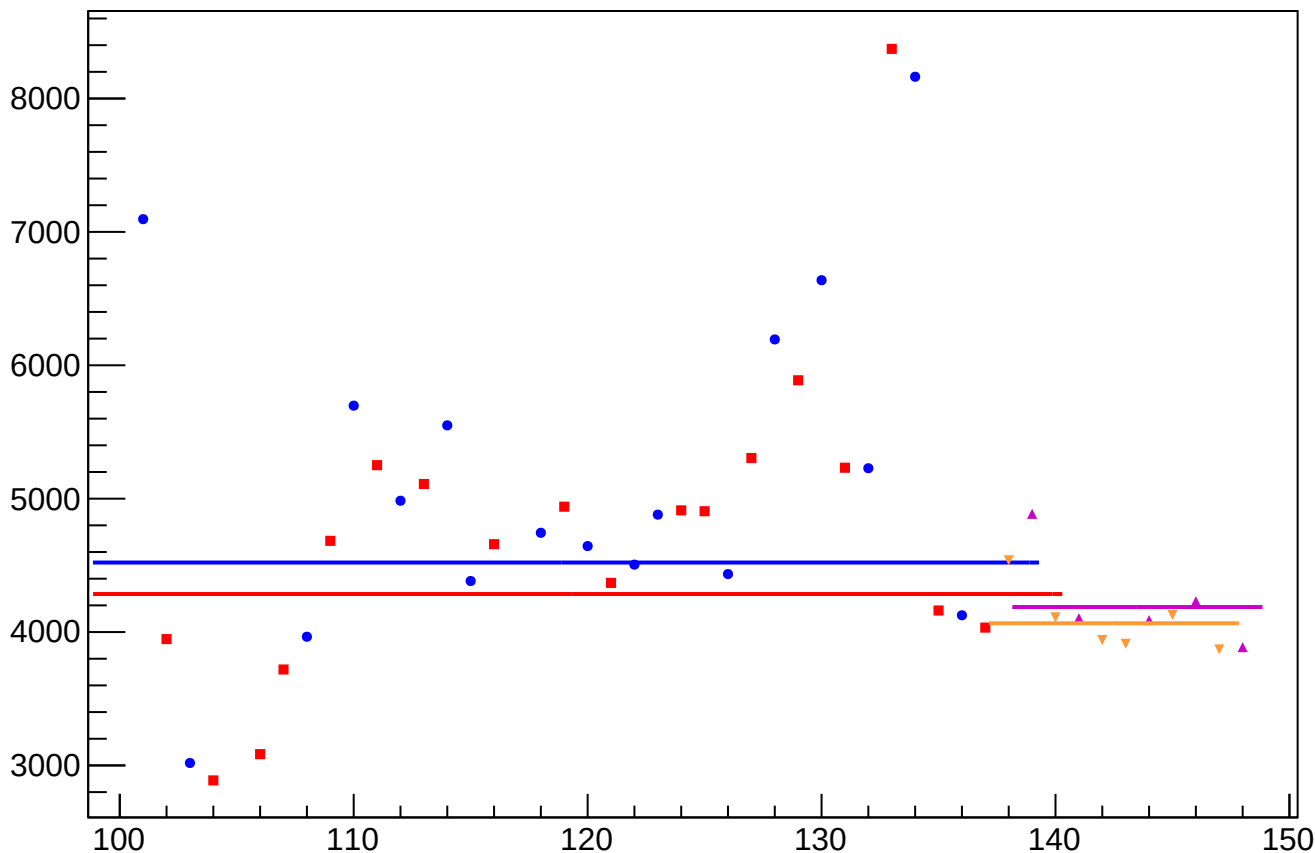
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -623.952 $\pm$ 1359.600 χ^2 /NDF:25.3/21

Out: 1312.821 $\pm$ 1284.967 χ^2 /NDF:20.8/23

All: 399.049 $\pm$ 933.879 χ^2 /NDF: 47.2/45

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2/NDF : 778675.0/16

Left Out: 4065.836 $\pm$ 1.395 χ^2/NDF : 23488.4/5

Right Out: 4285.069 $\pm$ 1.191 χ^2/NDF : 746400.9/17

Left In: 4187.660 $\pm$ 1.465 χ^2/NDF : 44107.0/4

Left: 4123.789 $\pm$ 1.010 χ^2/NDF : 71221.4/10

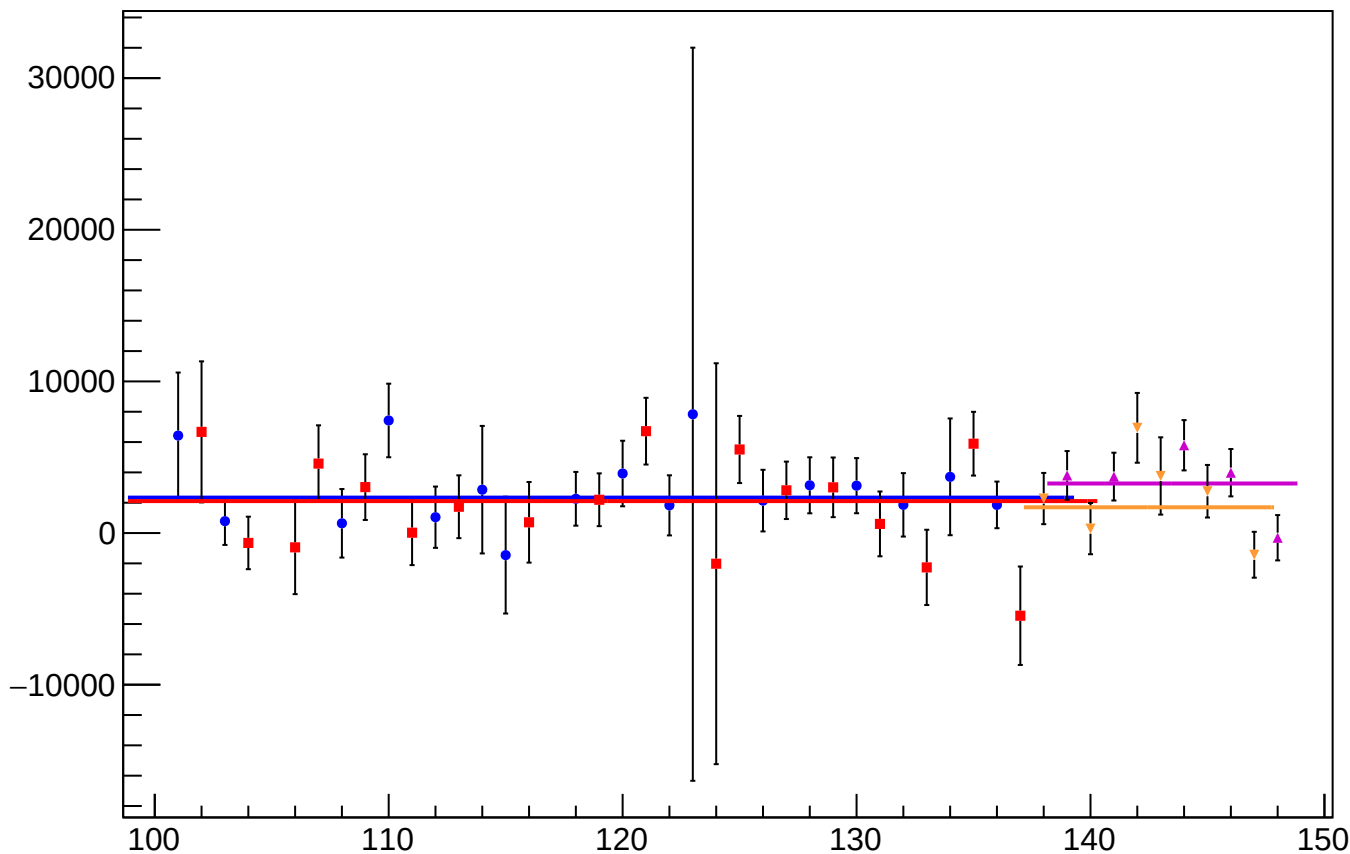
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4377.561 $\pm$ 0.961 χ^2/NDF : 852300.7/21

Out: 4192.710 $\pm$ 0.906 χ^2/NDF : 784174.7/23

All: 4279.626 $\pm$ 0.659 χ^2/NDF : 1656062.5/45

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1699.030 $\pm$ 742.646 χ^2 /NDF:11.3/5

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 3267.600 $\pm$ 704.957 χ^2 /NDF:8.4/4

Left: 2524.125 $\pm$ 511.285 χ^2 /NDF: 22.1/10

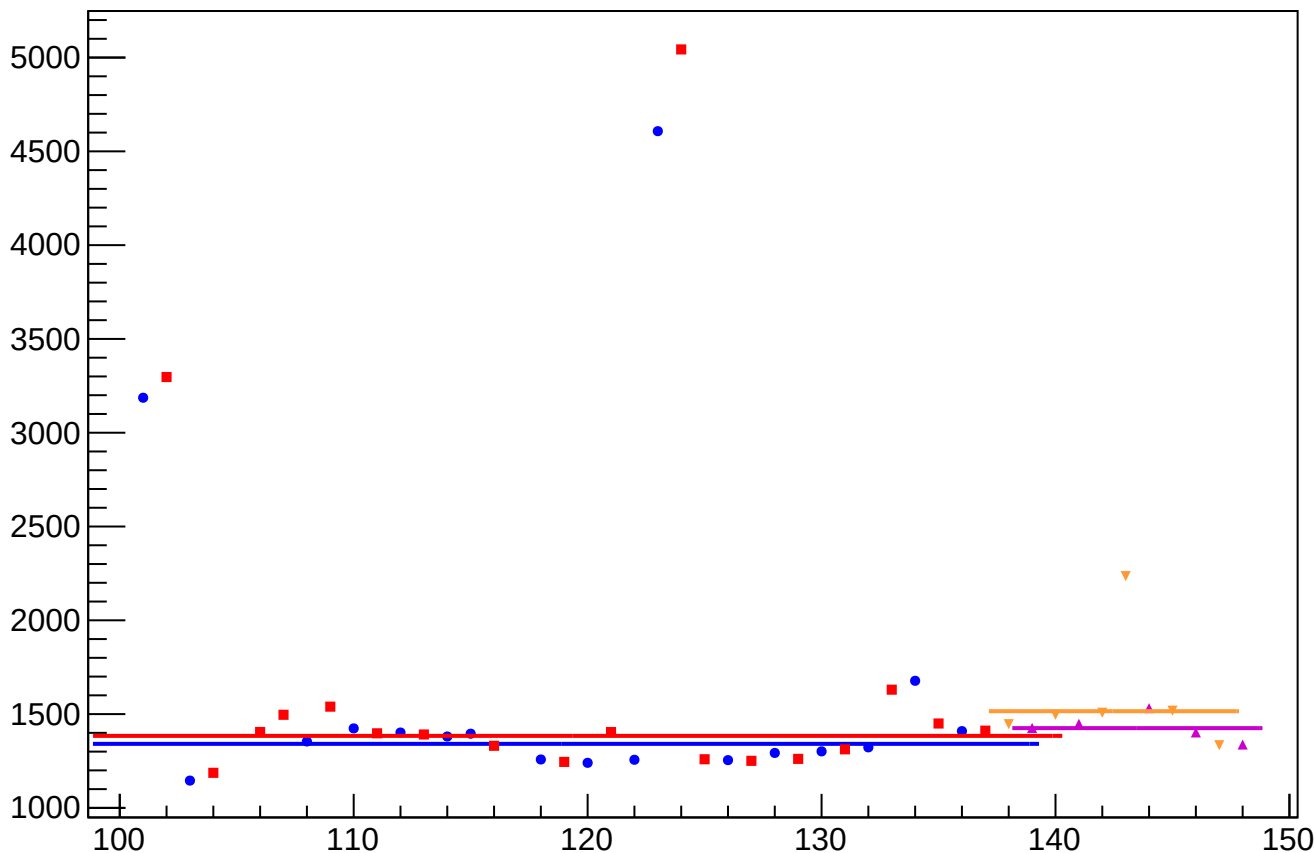
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2673.956 $\pm$ 424.207 χ^2 /NDF:19.2/21

Out: 1966.110 $\pm$ 436.541 χ^2 /NDF:37.9/23

All: 2330.174 $\pm$ 304.227 χ^2 /NDF: 58.4/45

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1515.442+/-0.525 χ^2/NDF :192040.9/5

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

Left In: 1425.245+/-0.498 χ^2/NDF :15975.5/4

Left: 1467.997+/-0.362 χ^2/NDF : 223535.0/10

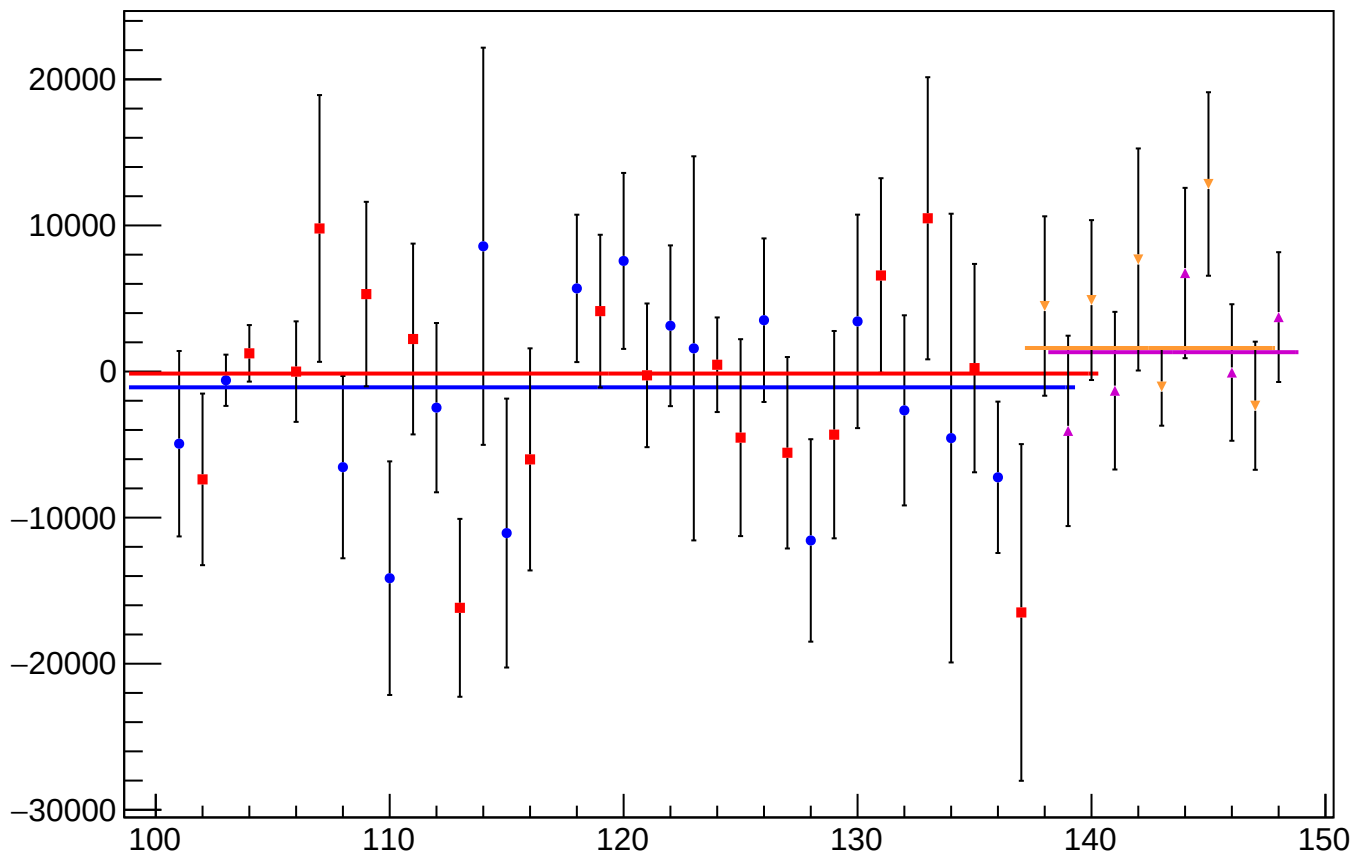
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1371.744+/-0.300 χ^2/NDF :538305.9/21

Out: 1429.335+/-0.309 χ^2/NDF :826956.1/23

All: 1399.723+/-0.215 χ^2/NDF : 1383170.9/45

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040+/-1212.382 χ^2/NDF : 15.0/16

Left Out: 1611.031+/-1843.114 χ^2/NDF : 6.2/5

Right Out: -138.838+/-1129.319 χ^2/NDF : 18.0/17

Left In: 1324.410+/-2332.720 χ^2/NDF : 2.2/4

Left: 1500.871+/-1446.178 χ^2/NDF : 8.4/10

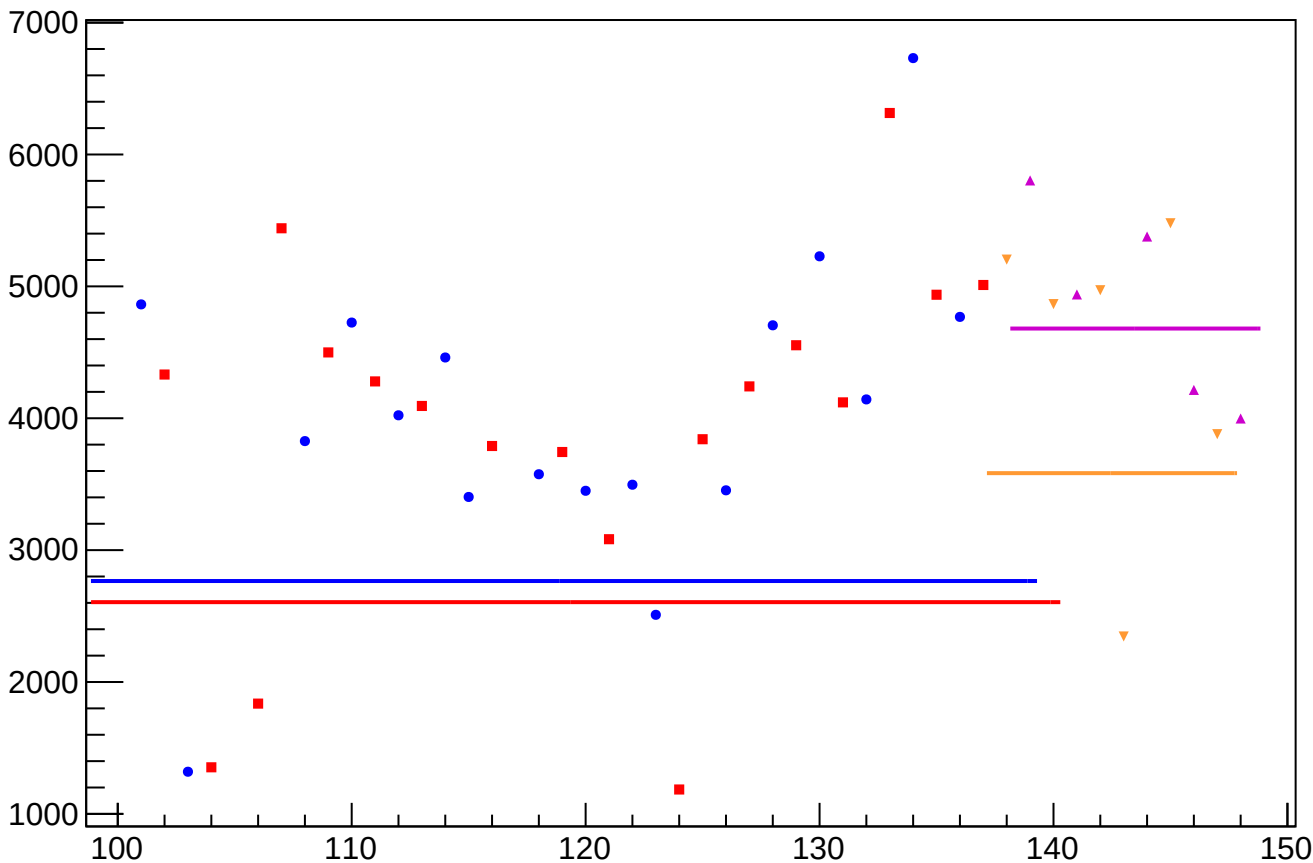
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -569.469+/-1075.765 χ^2/NDF : 18.0/21

Out: 338.797+/-962.936 χ^2/NDF : 24.9/23

All: -65.222+/-717.484 χ^2/NDF : 43.3/45

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 3583.718 $\pm$ 1.303 χ^2 /NDF: 935410.5/5

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 4680.208 $\pm$ 1.649 χ^2 /NDF: 159614.0/4

Left: 4005.145 $\pm$ 1.023 χ^2 /NDF: 1367077.4/10

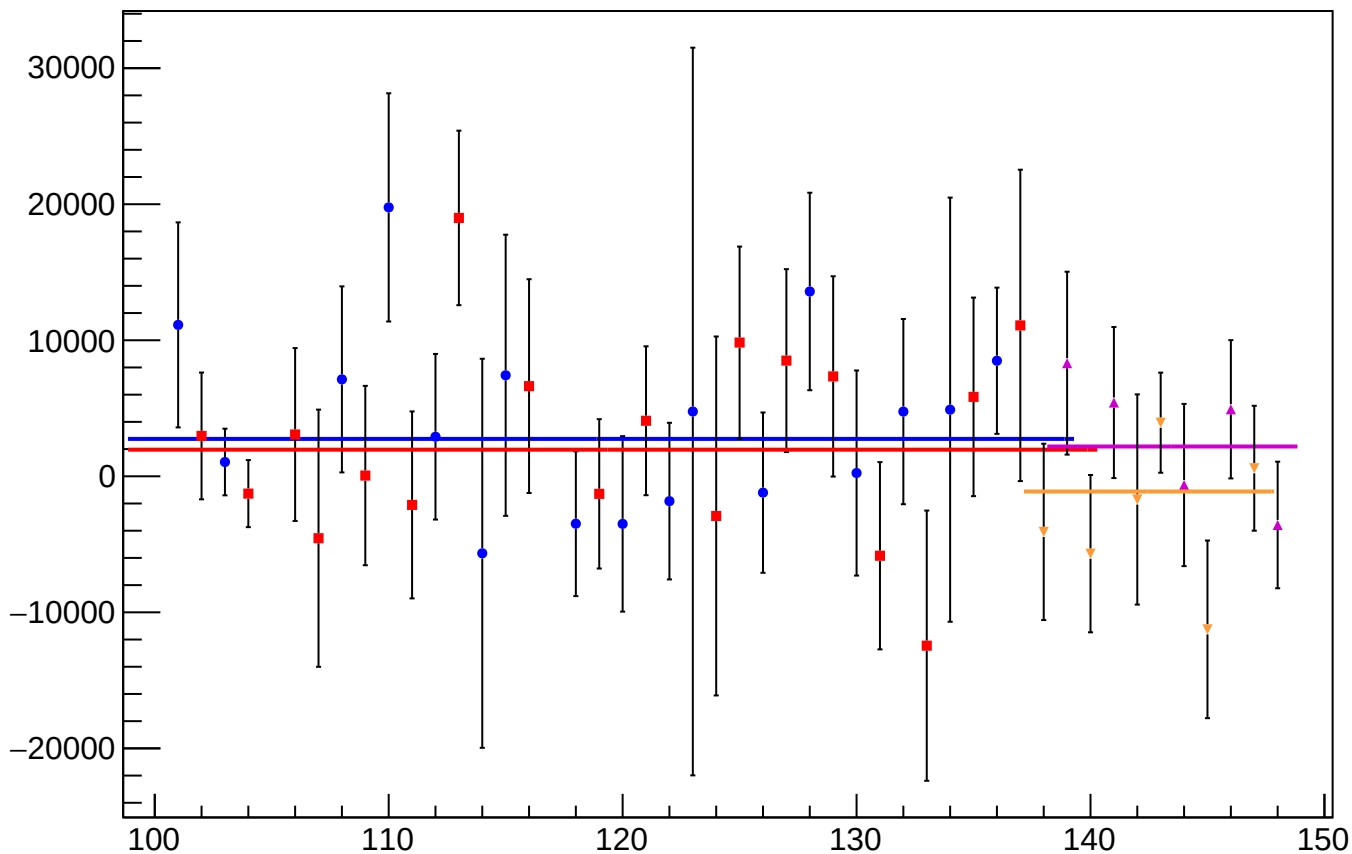
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3172.890 $\pm$ 0.761 χ^2 /NDF: 4159313.7/21

Out: 2872.529 $\pm$ 0.681 χ^2 /NDF: 4667320.6/23

All: 3006.137 $\pm$ 0.507 χ^2 /NDF: 8913193.3/45

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: -1118.100+/-2155.436 χ^2/NDF : 5.3/5

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

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

Left: 330.644+/-1616.120 χ^2/NDF : 9.5/10

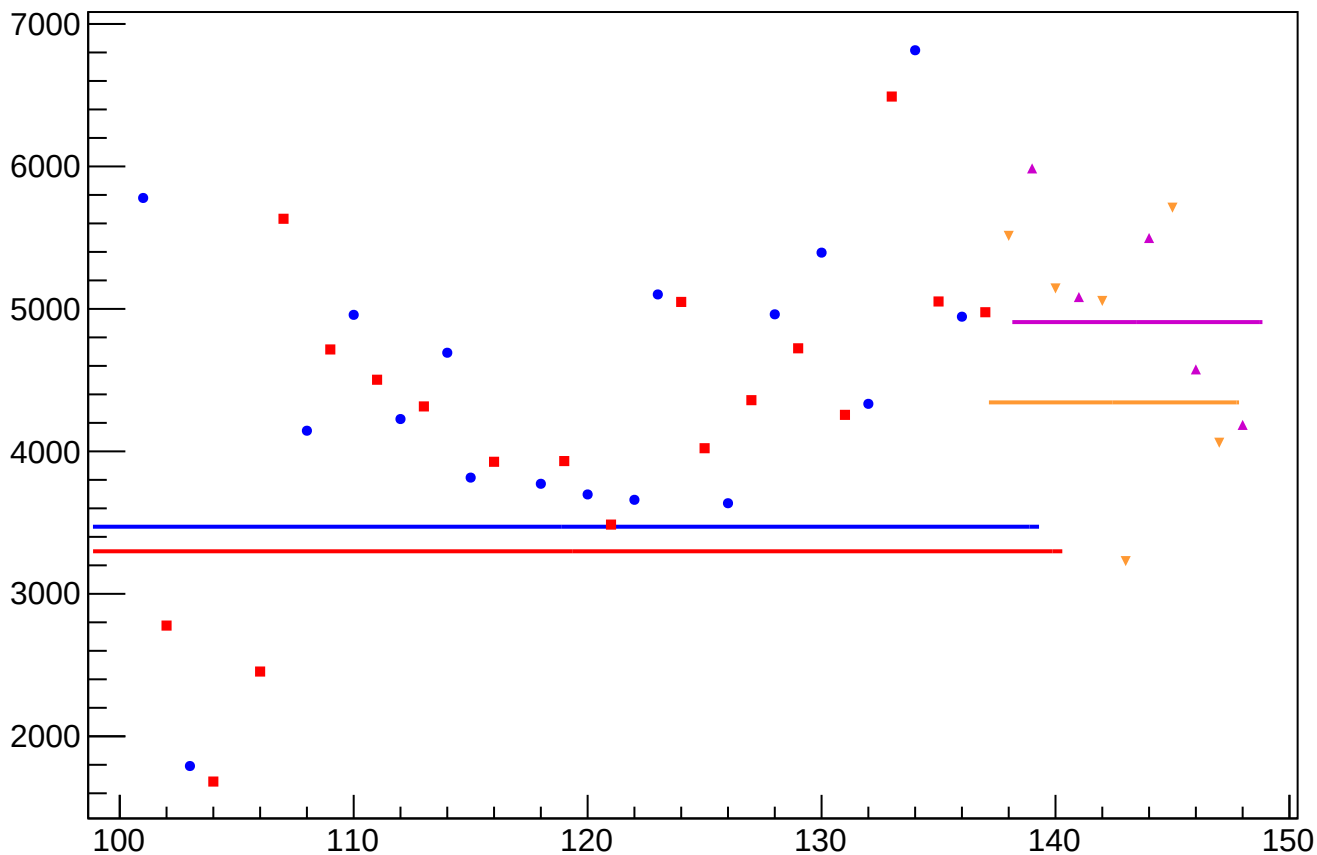
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2603.530+/-1244.697 χ^2/NDF : 17.0/21

Out: 1058.248+/-1164.772 χ^2/NDF : 24.5/23

All: 1779.687+/-850.471 χ^2/NDF : 42.4/45

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 4343.798+/-1.524 χ^2/NDF : 399019.5/5

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

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

Left: 4590.571+/-1.143 χ^2/NDF : 588653.0/10

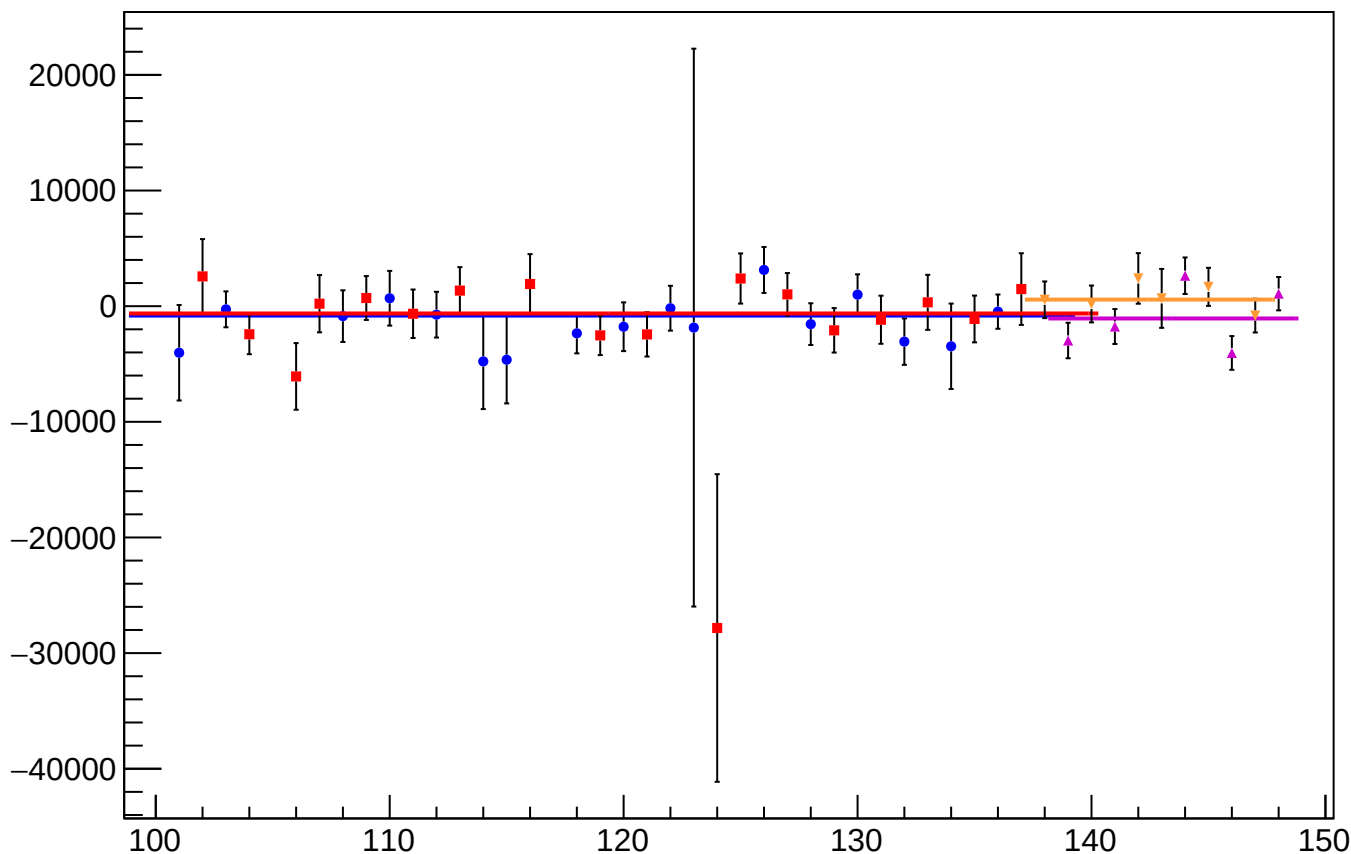
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3844.146+/-0.880 χ^2/NDF : 2409651.0/21

Out: 3599.891+/-0.818 χ^2/NDF : 2619738.9/23

All: 3713.132+/-0.599 χ^2/NDF : 5070701.7/45

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: 570.486+/-708.508 χ^2/NDF : 2.1/5

Right Out: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -1062.348+/-672.002 χ^2/NDF : 13.6/4

Left: -289.080+/-487.572 χ^2/NDF : 18.5/10

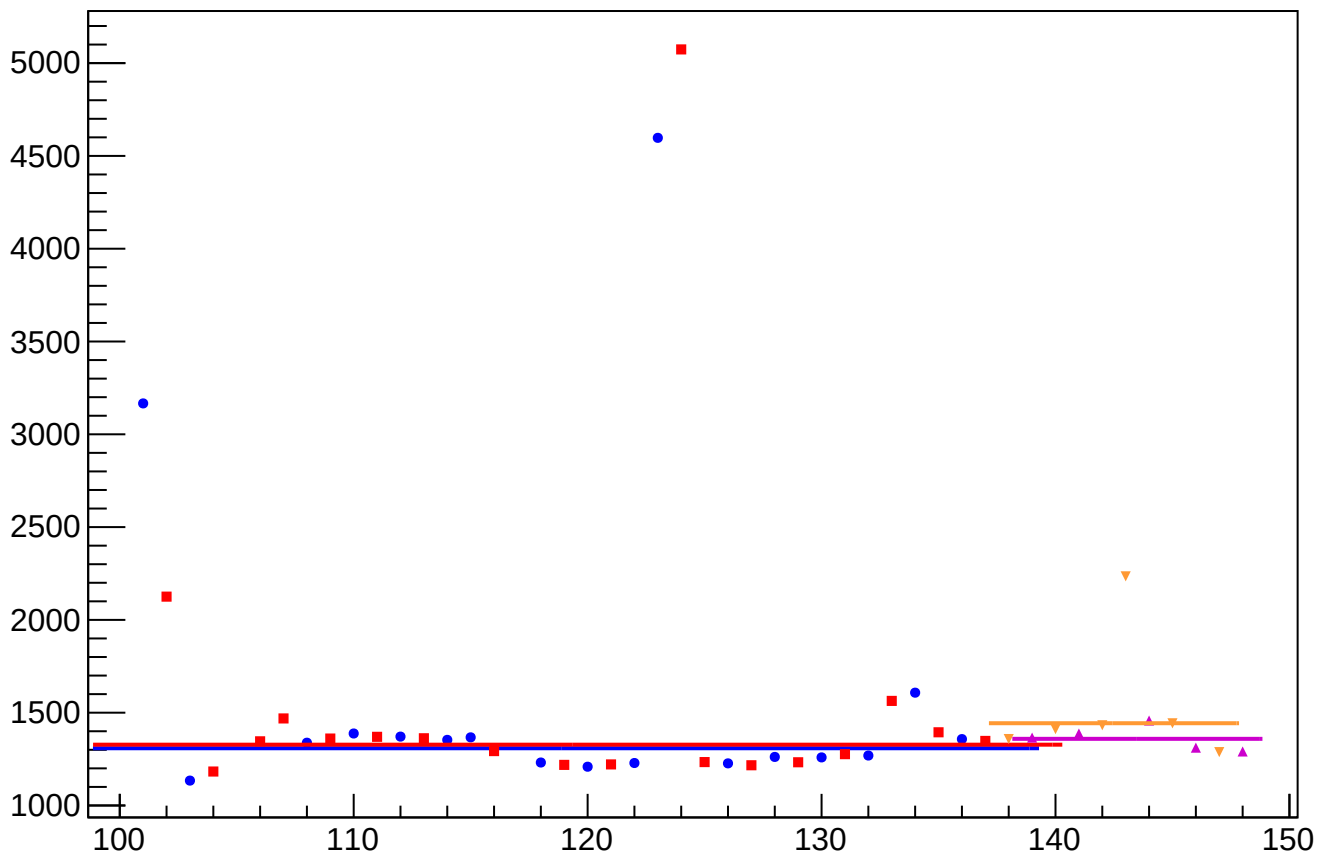
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -903.481+/-410.356 χ^2/NDF : 24.9/21

Out: -215.489+/-416.541 χ^2/NDF : 22.6/23

All: -564.631+/-292.328 χ^2/NDF : 48.8/45

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2/NDF : 506545.0/16

Left Out: 1443.255 $\pm$ 0.501 χ^2/NDF :222315.1/5

Right Out: 1327.647 $\pm$ 0.364 χ^2/NDF : 357330.6/17

Left In: 1359.099 $\pm$ 0.475 χ^2/NDF :15138.4/4

Left: 1398.953 $\pm$ 0.345 χ^2/NDF : 252307.7/10

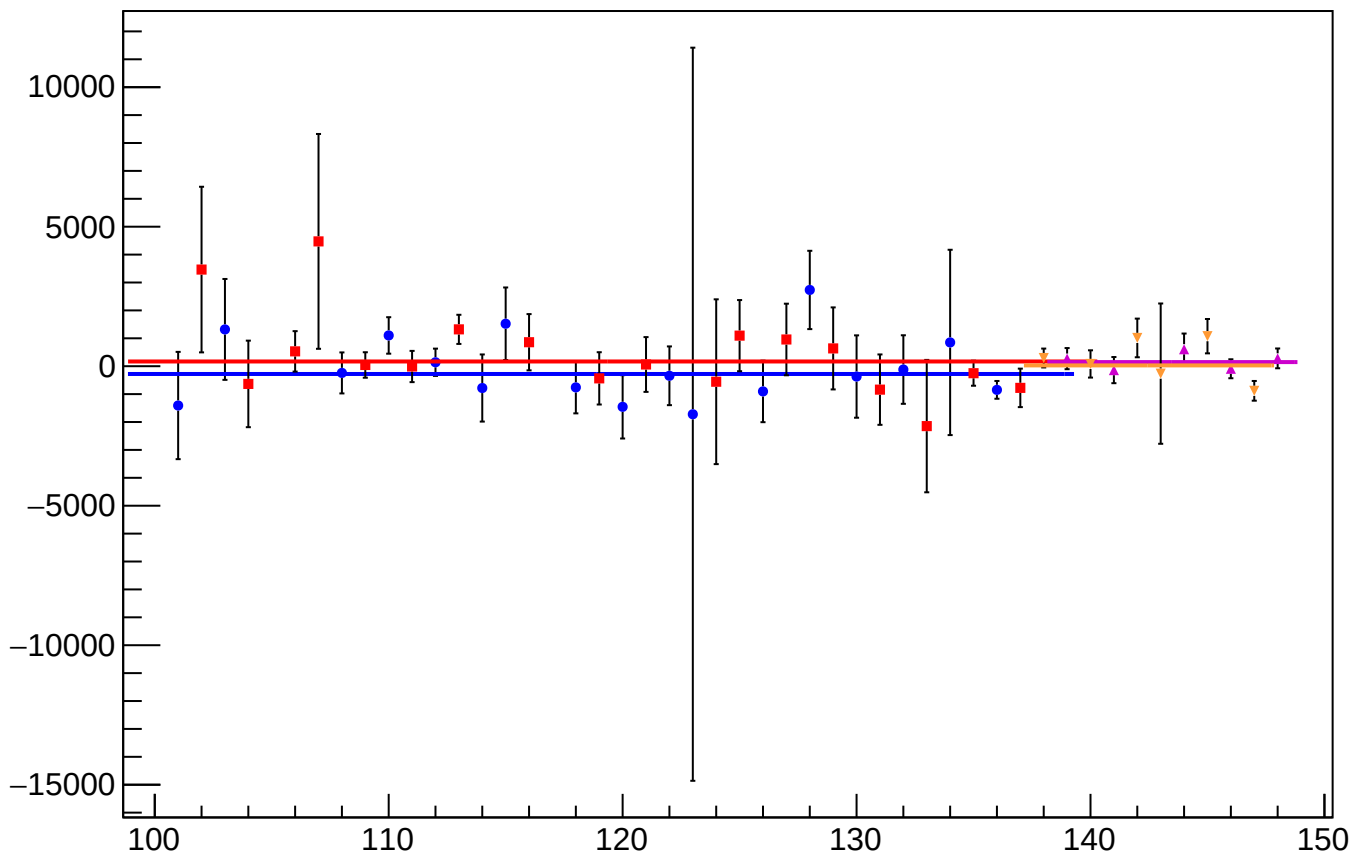
Right: 1318.067 $\pm$ 0.258 χ^2/NDF : 865268.7/34

In: 1327.284 $\pm$ 0.290 χ^2/NDF :528831.9/21

Out: 1367.605 $\pm$ 0.295 χ^2/NDF :614490.5/23

All: 1347.143 $\pm$ 0.207 χ^2/NDF : 1152832.8/45

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: 28.833+/-196.808 χ^2/NDF :12.2/5

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 147.613+/-178.803 χ^2/NDF :1.8/4

Left: 93.903+/-132.342 χ^2/NDF : 14.2/10

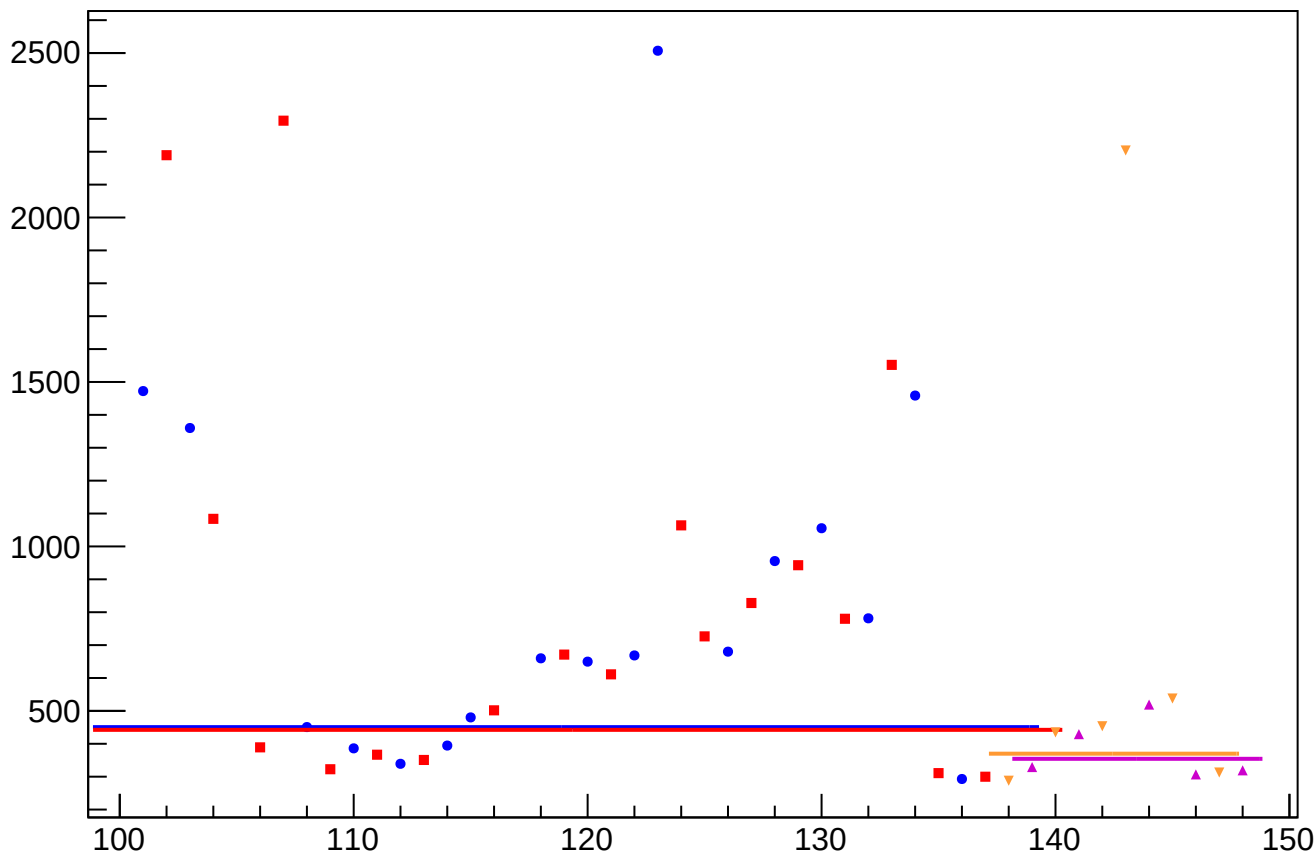
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -43.754+/-132.739 χ^2/NDF :22.4/21

Out: 100.783+/-137.612 χ^2/NDF :26.8/23

All: 25.910+/-95.537 χ^2/NDF : 49.8/45

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 369.905+/-0.139 χ^2/NDF : 1447302.4/5

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 354.287+/-0.126 χ^2/NDF : 290064.6/4

Left: 361.349+/-0.094 χ^2/NDF : 1744266.7/10

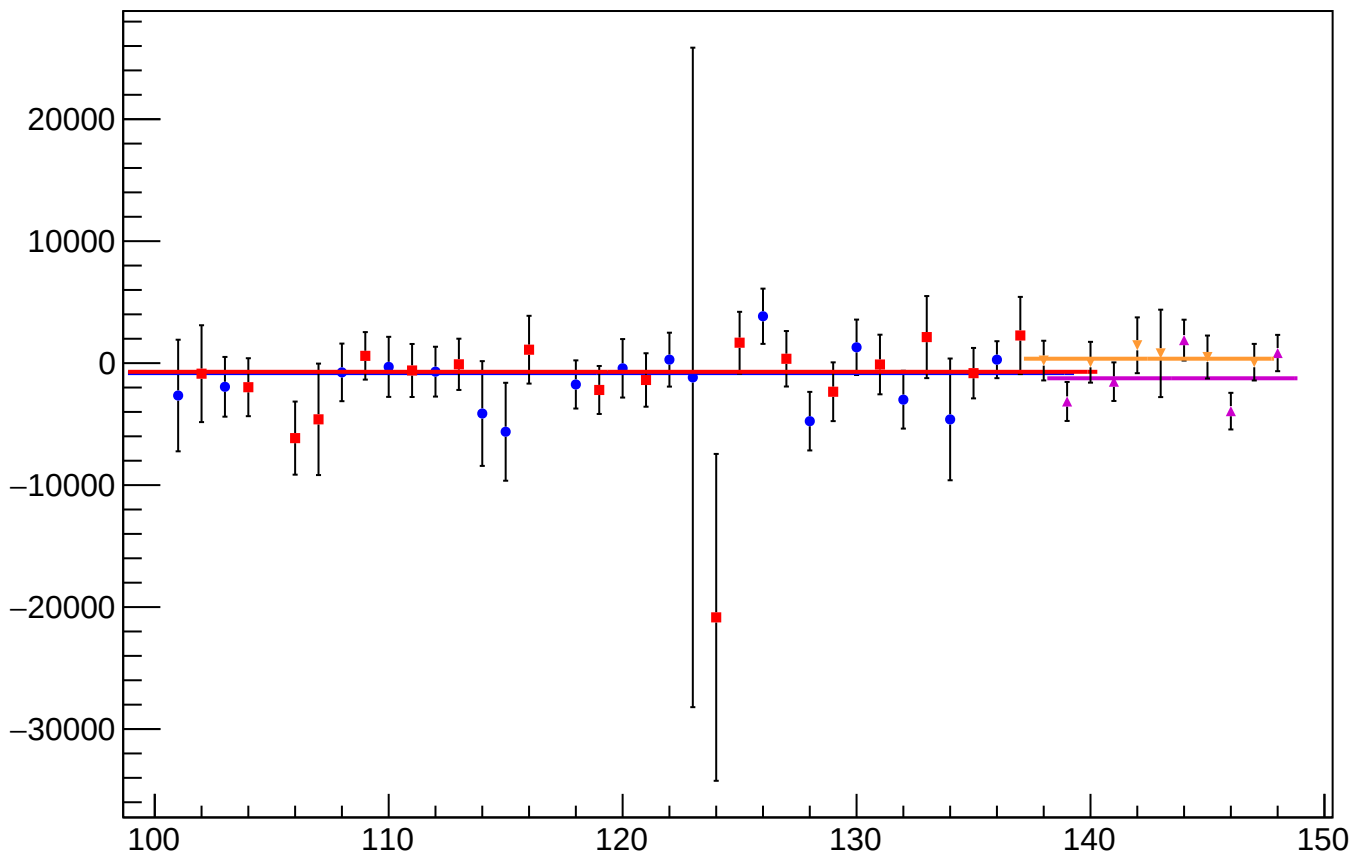
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 397.518+/-0.094 χ^2/NDF : 3548258.7/21

Out: 406.940+/-0.097 χ^2/NDF : 4954204.2/23

All: 402.059+/-0.068 χ^2/NDF : 8507320.4/45

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: 363.368+/-751.273 χ^2/NDF : 0.3/5

Right Out: -710.618+/-596.065 χ^2/NDF : 11.4/17

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

Left: -496.207+/-511.979 χ^2/NDF : 12.9/10

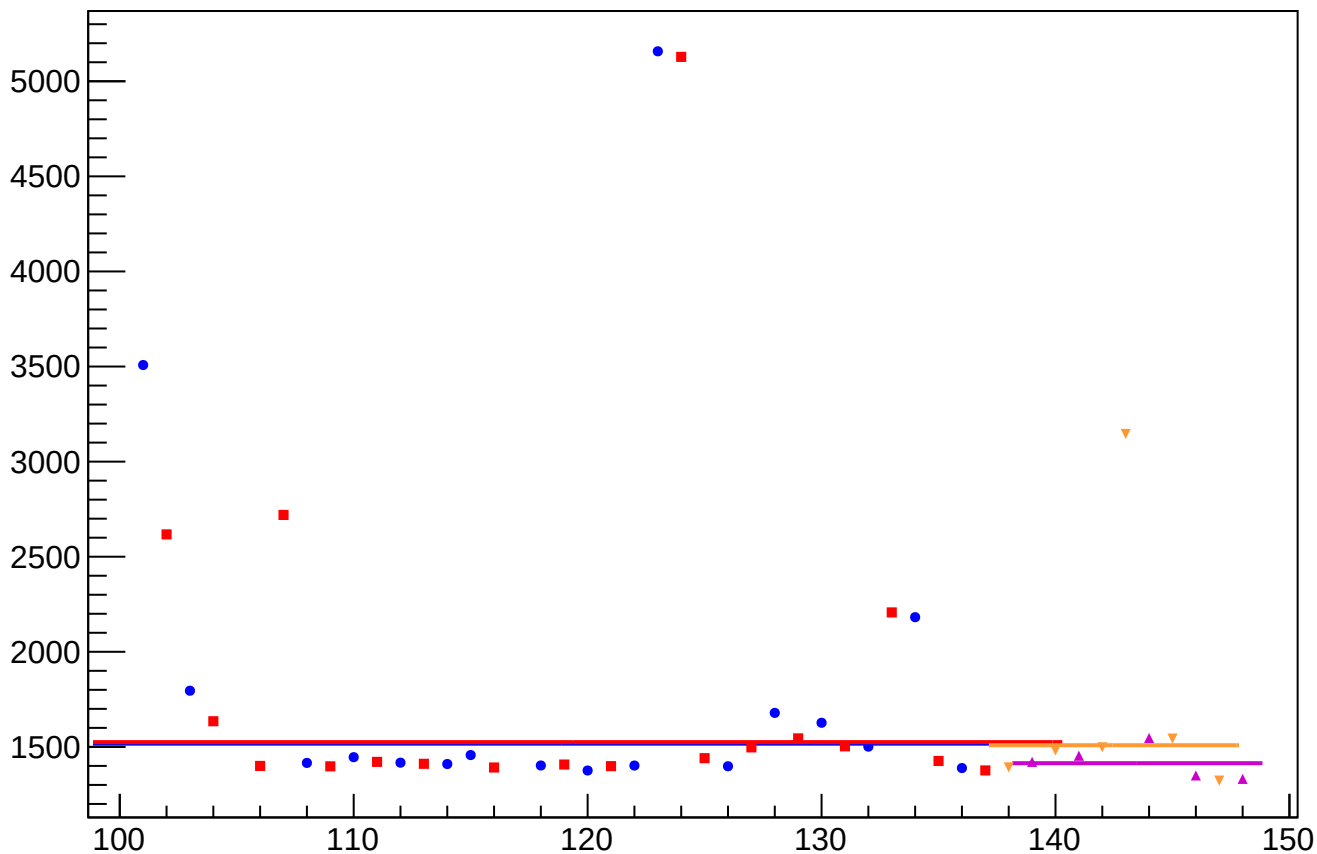
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -997.400+/-455.941 χ^2/NDF : 23.0/21

Out: -295.723+/-466.947 χ^2/NDF : 13.0/23

All: -654.928+/-326.220 χ^2/NDF : 37.2/45

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1508.772 $\pm$ 0.531 χ^2 /NDF: 459642.4/5

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1414.268 $\pm$ 0.495 χ^2 /NDF: 23649.1/4

Left: 1458.157 $\pm$ 0.362 χ^2 /NDF: 500241.0/10

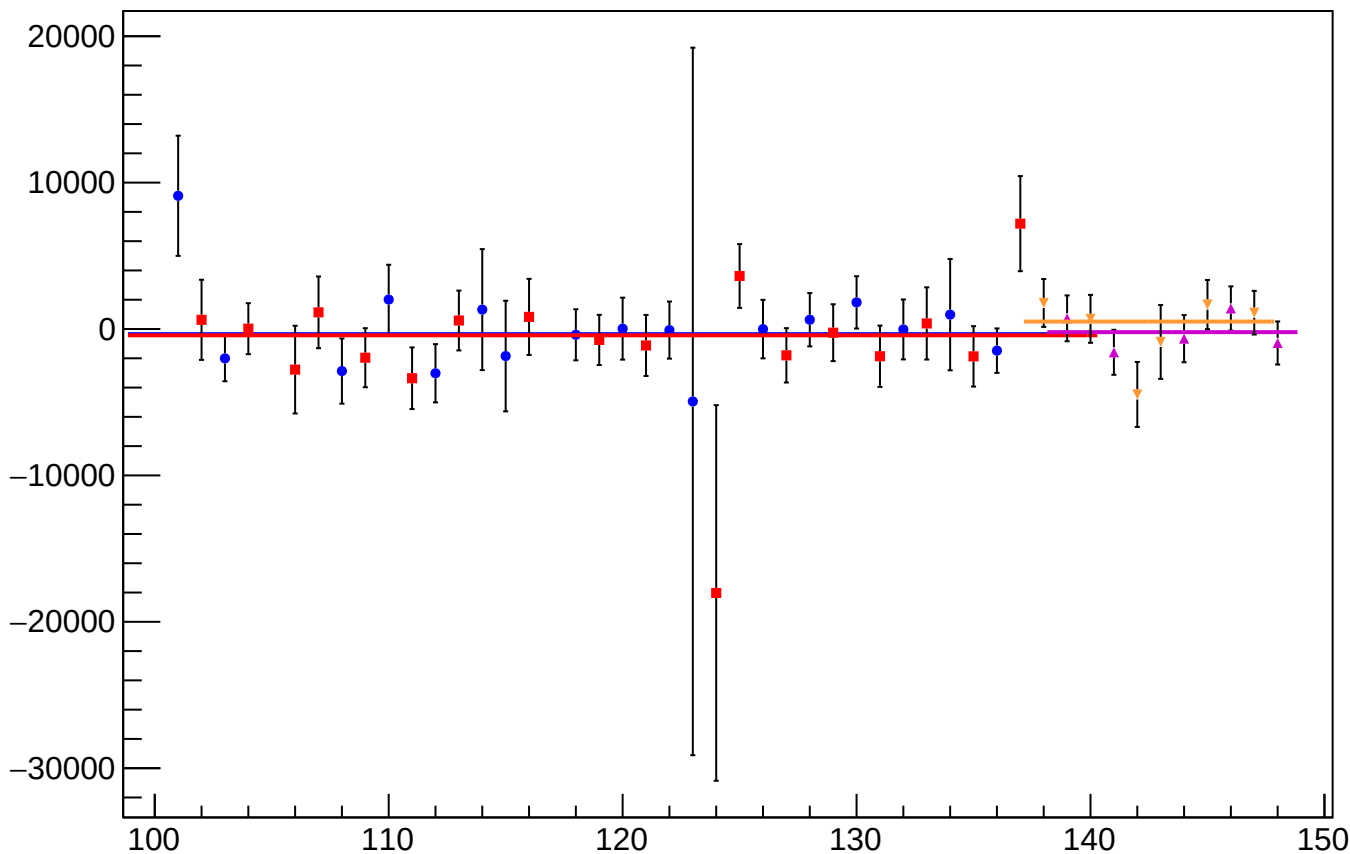
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1473.327 $\pm$ 0.322 χ^2 /NDF: 589466.7/21

Out: 1518.792 $\pm$ 0.330 χ^2 /NDF: 1032151.4/23

All: 1495.517 $\pm$ 0.231 χ^2 /NDF: 1631324.5/45

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 χ^2/NDF : 13.4/16

Left Out: 507.907 ± 723.425 χ^2/NDF : 6.6/5

Right Out: -429.167 ± 522.342 χ^2/NDF : 16.8/17

Left In: -213.874 ± 687.222 χ^2/NDF : 2.7/4

Left: 128.504 ± 498.246 χ^2/NDF : 9.8/10

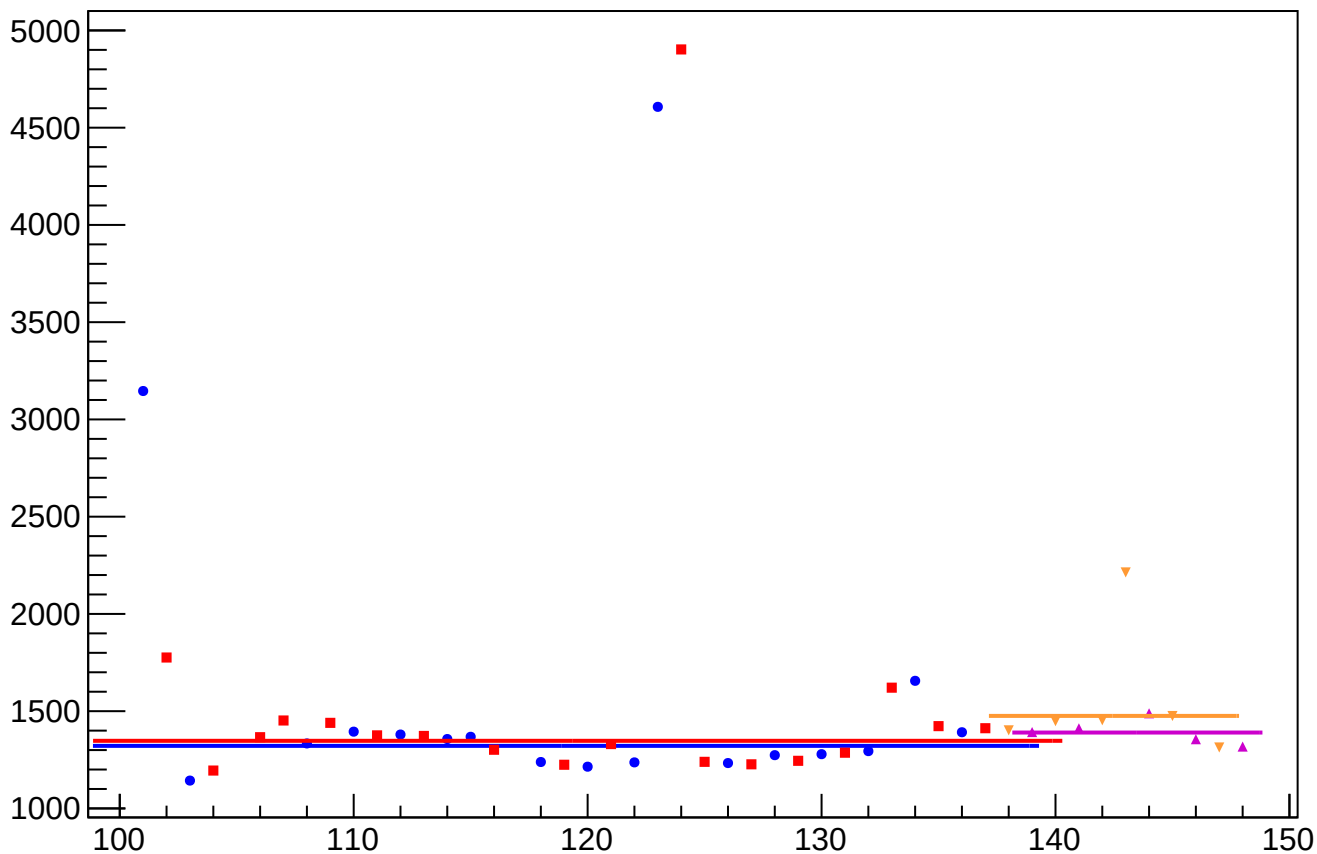
Right: -391.220 ± 369.698 χ^2/NDF : 30.3/34

In: -302.017 ± 416.349 χ^2/NDF : 16.1/21

Out: -108.046 ± 423.488 χ^2/NDF : 24.5/23

All: -206.680 ± 296.895 χ^2/NDF : 40.7/45

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1475.731+/-0.512 χ^2/NDF :199501.1/5

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1390.129+/-0.486 χ^2/NDF :13764.0/4

Left: 1430.735+/-0.352 χ^2/NDF : 227984.8/10

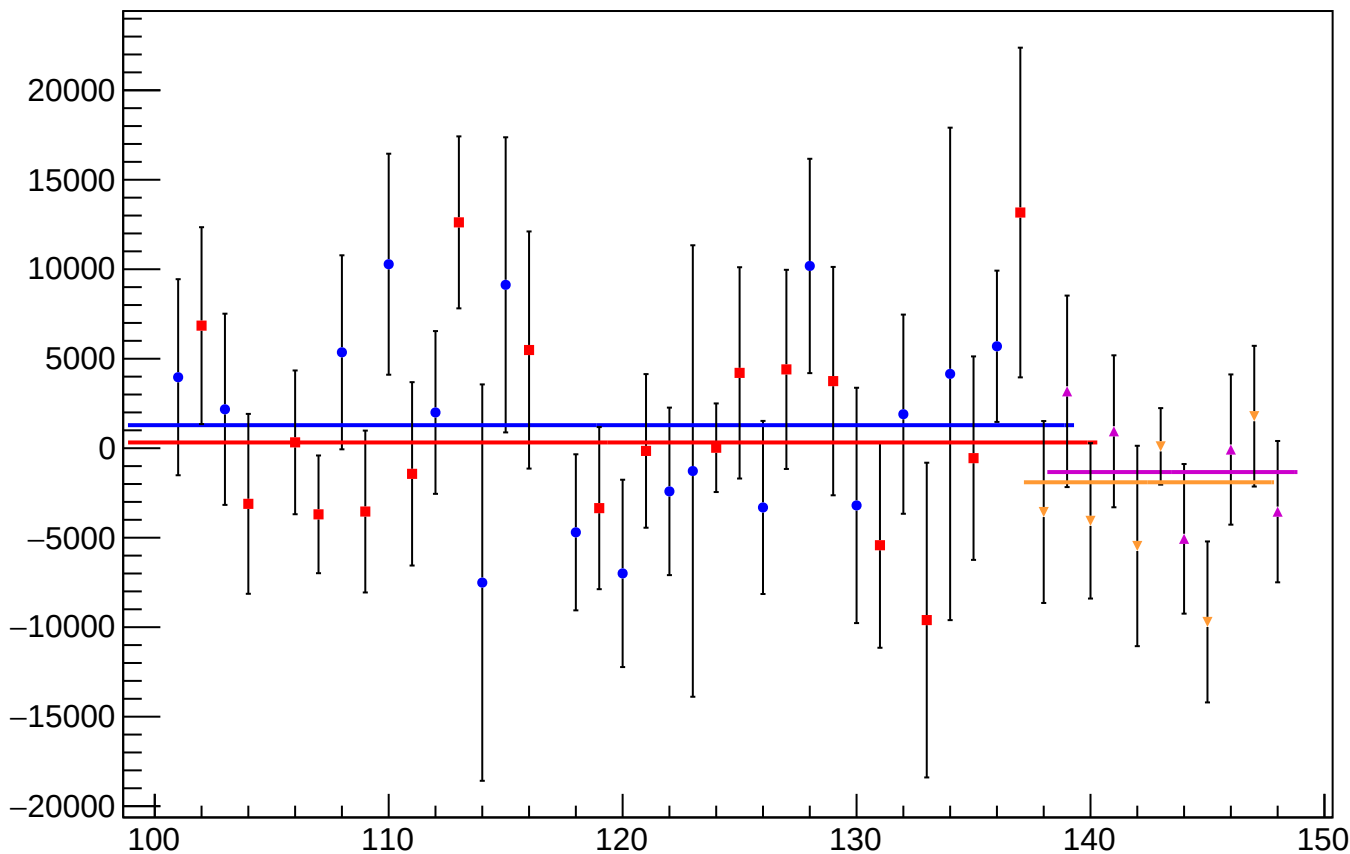
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1346.818+/-0.294 χ^2/NDF :528560.3/21

Out: 1391.507+/-0.299 χ^2/NDF :527028.6/23

All: 1368.791+/-0.210 χ^2/NDF : 1066918.0/45

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -1903.080+/-1479.886 χ^2/NDF : 5.5/5

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: -1332.631+/-1929.688 χ^2/NDF : 2.2/4

Left: -1691.823+/-1174.312 χ^2/NDF : 7.8/10

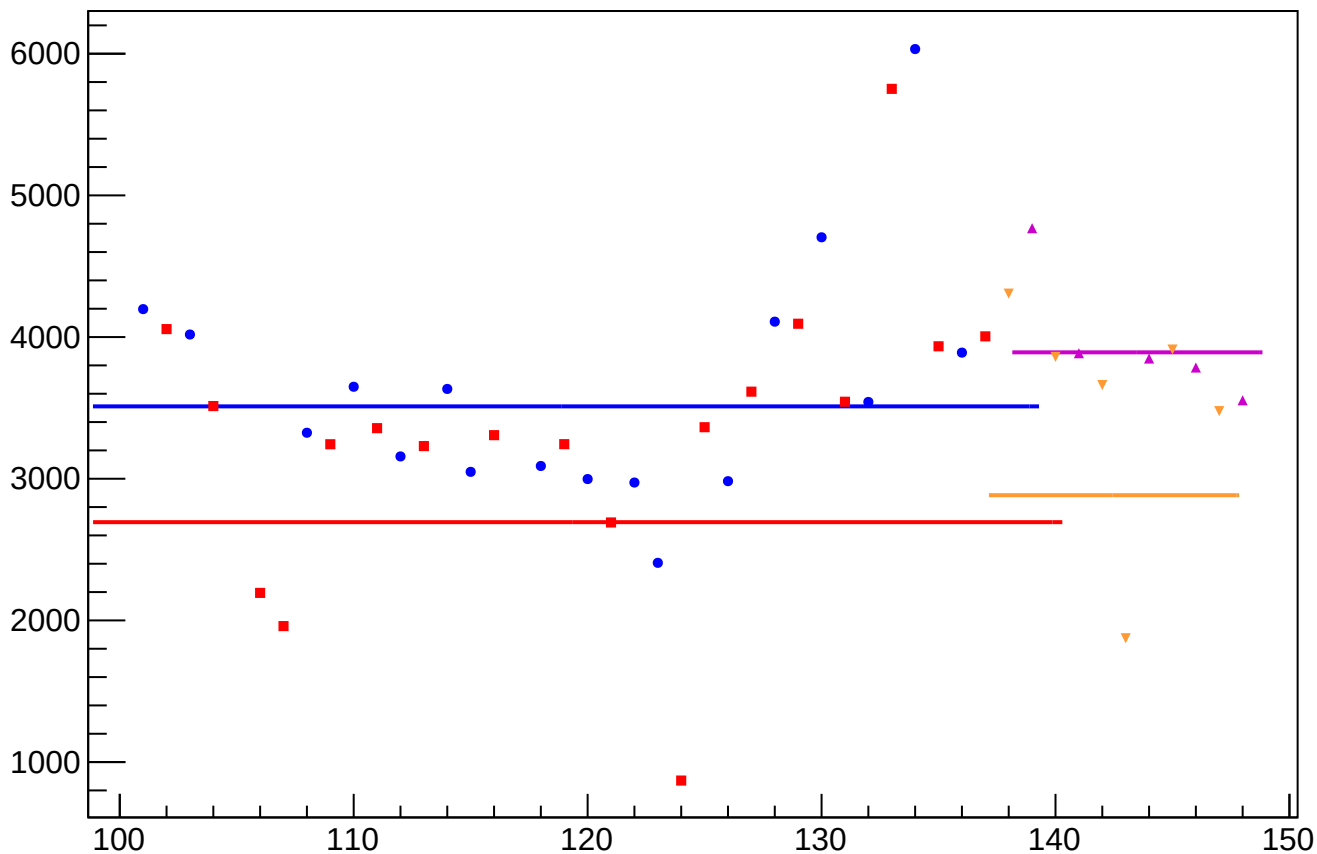
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 404.441+/-1120.262 χ^2/NDF : 17.7/21

Out: -475.337+/-885.707 χ^2/NDF : 24.5/23

All: -136.932+/-694.787 χ^2/NDF : 42.6/45

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 2883.788 $\pm$ 1.046 χ^2 /NDF: 892566.6/5

Right Out: 2693.503 $\pm$ 0.782 χ^2 /NDF: 2125842.2/17

Left In: 3892.150 $\pm$ 1.364 χ^2 /NDF: 69870.5/4

Left: 3257.218 $\pm$ 0.830 χ^2 /NDF: 1306311.2/10

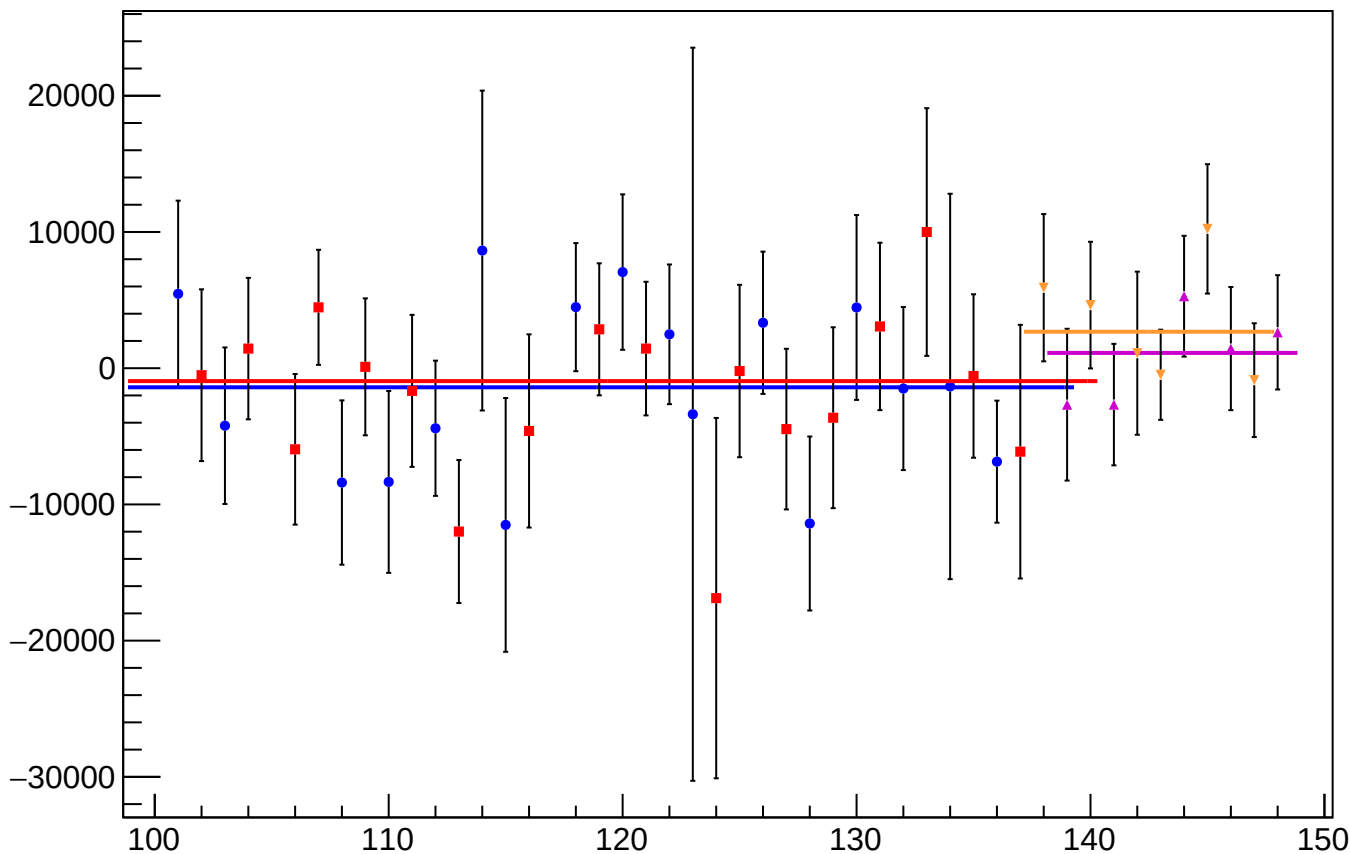
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3639.325 $\pm$ 0.792 χ^2 /NDF: 465709.7/21

Out: 2761.663 $\pm$ 0.626 χ^2 /NDF: 3039630.7/23

All: 3099.254 $\pm$ 0.491 χ^2 /NDF: 4260724.9/45

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 2676.825 $\pm$ 1821.725 χ^2 /NDF:4.8/5

Right Out: -947.960 $\pm$ 1382.709 χ^2 /NDF: 12.5/17

Left In: 1122.099 $\pm$ 2045.147 χ^2 /NDF:2.2/4

Left: 1988.993 $\pm$ 1360.313 χ^2 /NDF: 7.3/10

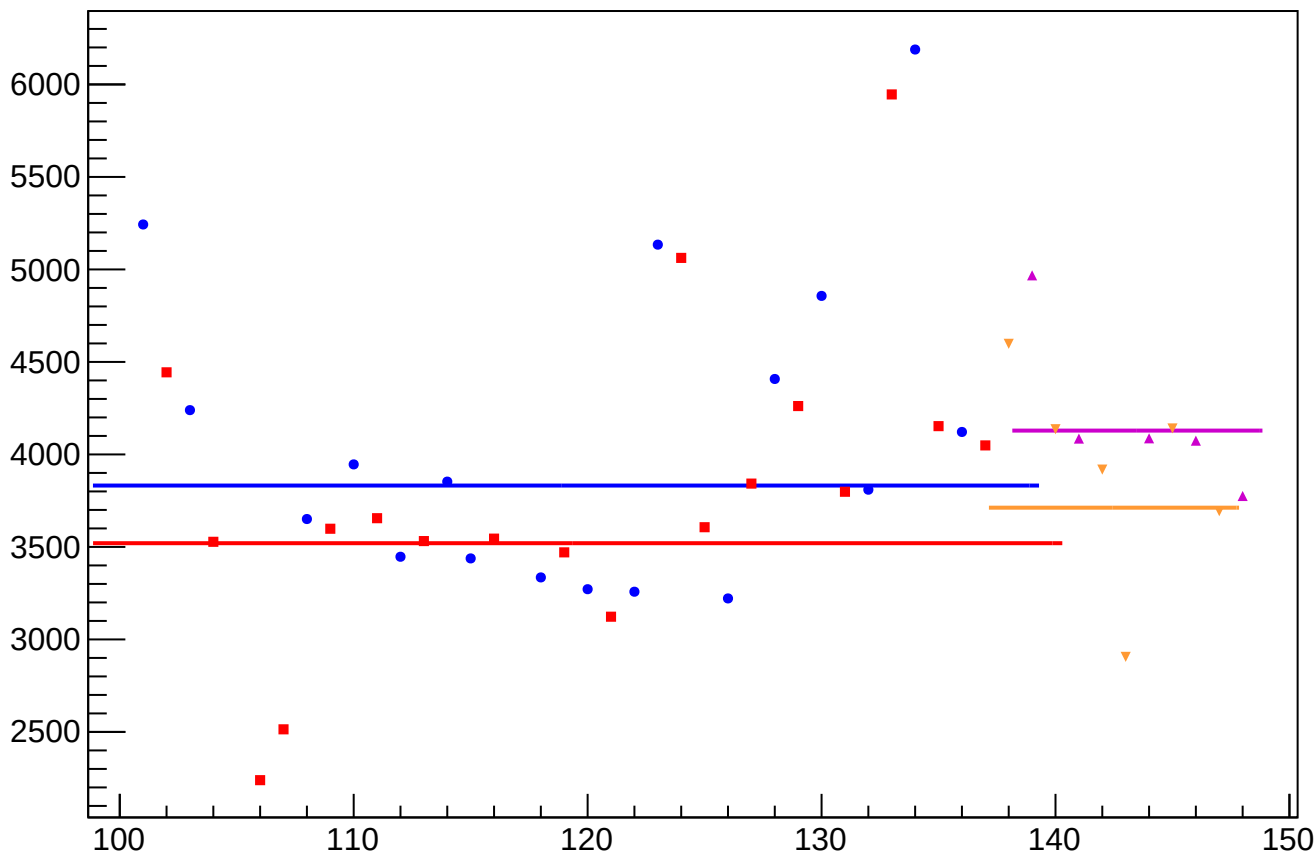
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -515.586 $\pm$ 1211.716 χ^2 /NDF:19.0/21

Out: 376.977 $\pm$ 1101.386 χ^2 /NDF:19.7/23

All: -26.827 $\pm$ 815.018 χ^2 /NDF: 39.0/45

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 3712.195+/-1.288 χ^2/NDF : 207708.4/5

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

Left In: 4128.872+/-1.446 χ^2/NDF : 60215.2/4

Left: 3896.539+/-0.962 χ^2/NDF : 314214.3/10

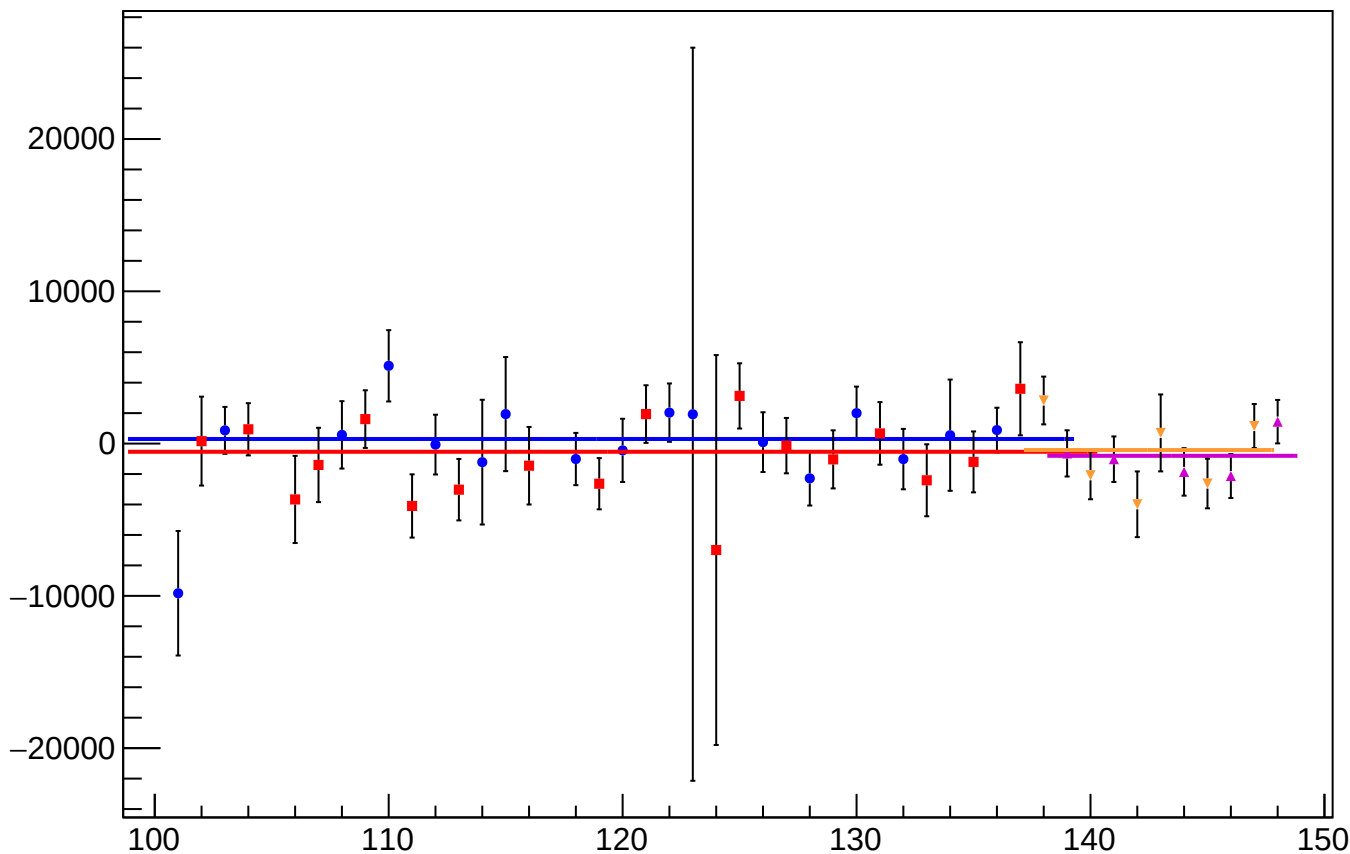
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 3936.092+/-0.857 χ^2/NDF : 425305.2/21

Out: 3589.555+/-0.774 χ^2/NDF : 766043.1/23

All: 3745.332+/-0.574 χ^2/NDF : 1281397.4/45

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -425.362 $\pm$ 700.639 χ^2 /NDF:11.3/5

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

Left In: -803.282 $\pm$ 664.617 χ^2 /NDF:3.8/4

Left: -624.286 $\pm$ 482.187 χ^2 /NDF: 15.3/10

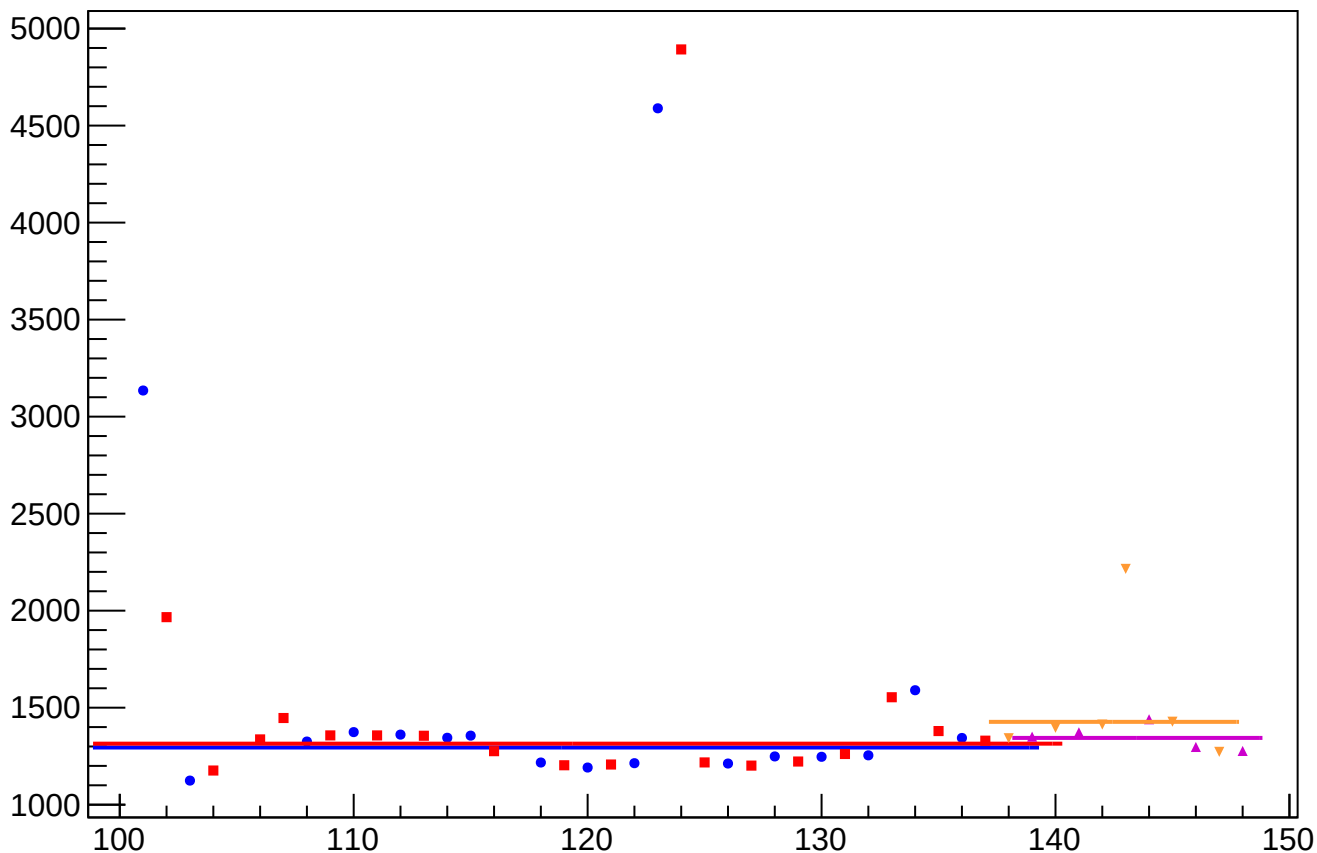
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -110.510 $\pm$ 406.015 χ^2 /NDF:21.6/21

Out: -498.942 $\pm$ 411.635 χ^2 /NDF:28.8/23

All: -302.056 $\pm$ 289.062 χ^2 /NDF: 50.9/45

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 ± 0.363 χ^2/NDF : 507803.9/16

Left Out: 1426.939 ± 0.495 χ^2/NDF : 224416.0/5

Right Out: 1314.588 ± 0.360 χ^2/NDF : 333838.6/17

Left In: 1344.182 ± 0.470 χ^2/NDF : 14896.2/4

Left: 1383.378 ± 0.341 χ^2/NDF : 253999.6/10

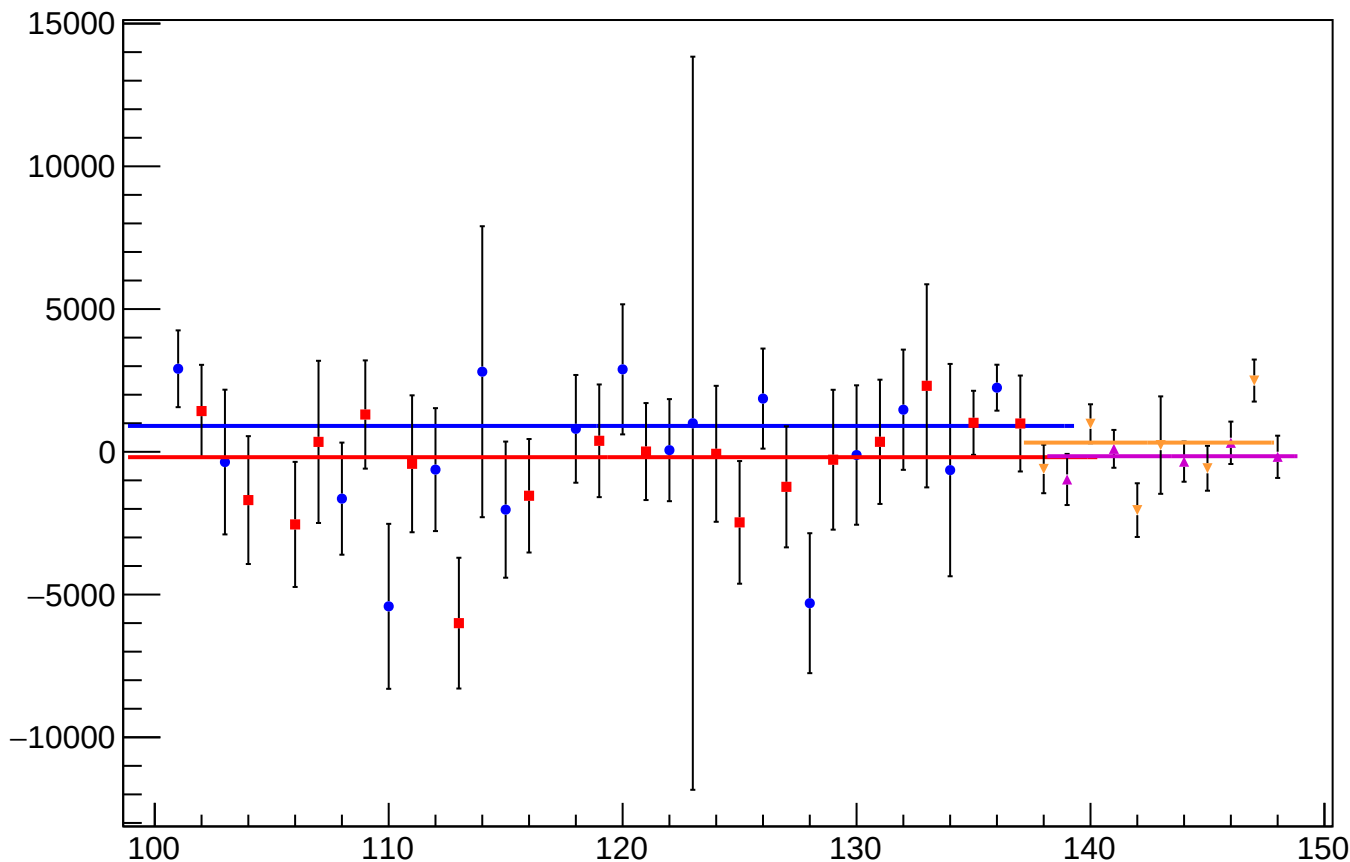
Right: 1304.740 ± 0.255 χ^2/NDF : 843154.3/34

In: 1313.185 ± 0.287 χ^2/NDF : 529640.6/21

Out: 1353.368 ± 0.291 χ^2/NDF : 591930.9/23

All: 1333.000 ± 0.204 χ^2/NDF : 1131232.1/45

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 322.367+/-343.704 χ^2/NDF : 18.5/5

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -154.340+/-329.942 χ^2/NDF : 1.5/4

Left: 74.279+/-238.021 χ^2/NDF : 20.9/10

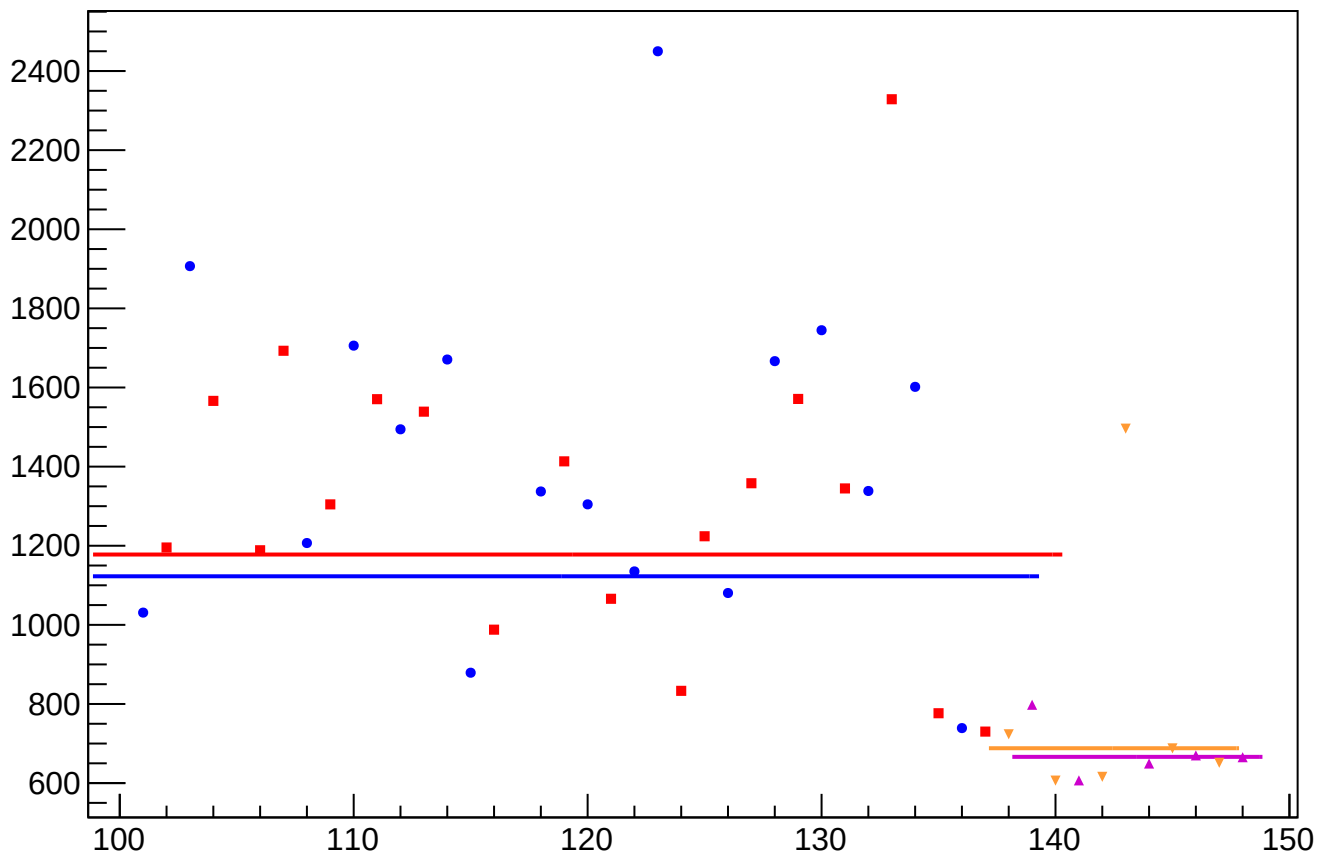
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 210.432+/-267.276 χ^2/NDF : 27.0/21

Out: 141.755+/-276.299 χ^2/NDF : 33.1/23

All: 177.233+/-192.103 χ^2/NDF : 60.1/45

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 688.146+/-0.243 χ^2/NDF : 497068.2/5

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 666.328+/-0.233 χ^2/NDF : 60566.3/4

Left: 676.792+/-0.168 χ^2/NDF : 561828.4/10

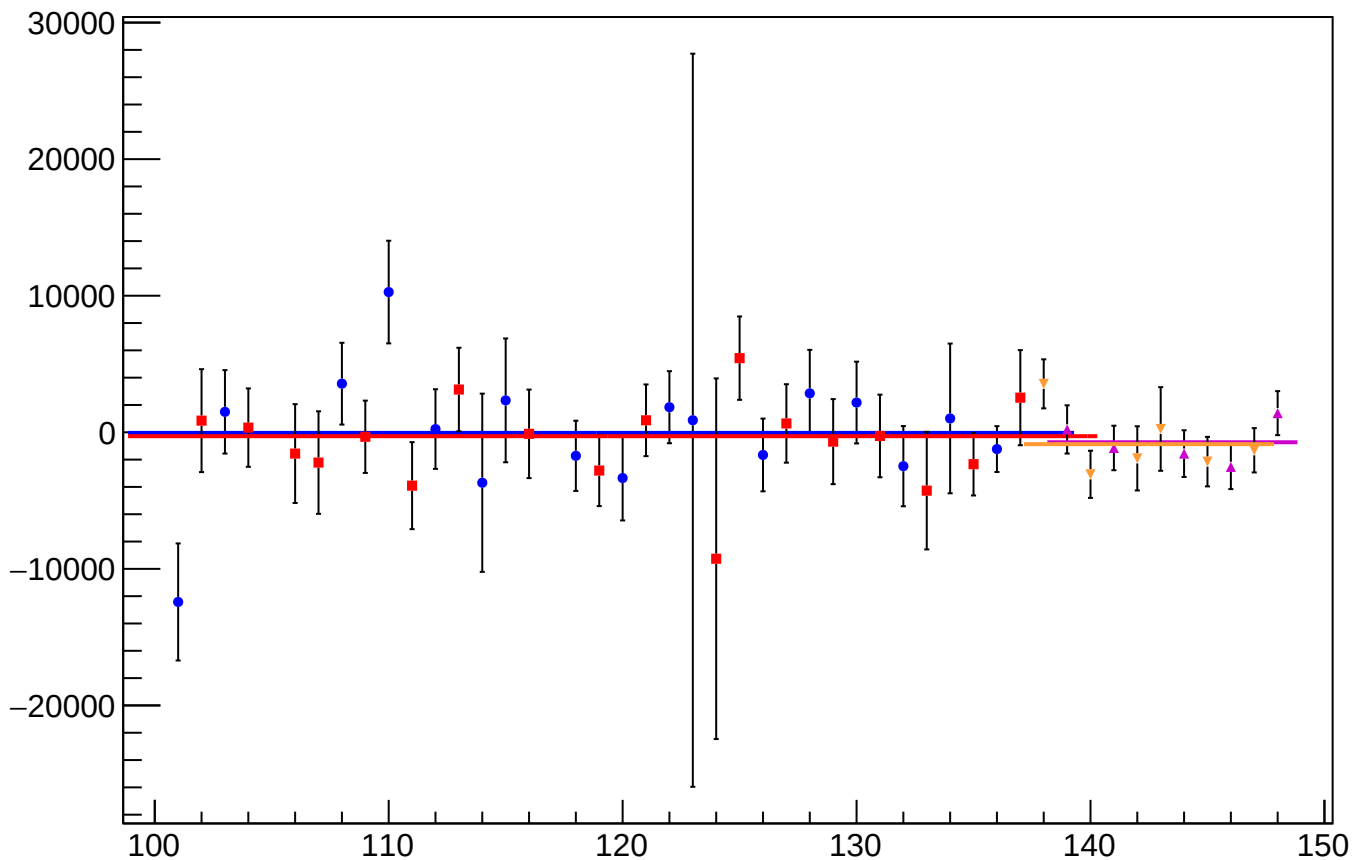
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 823.250+/-0.189 χ^2/NDF : 2564466.1/21

Out: 861.369+/-0.195 χ^2/NDF : 2954773.5/23

All: 841.677+/-0.136 χ^2/NDF : 5538904.8/45

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367+/-747.588 χ^2/NDF : 23.2/16

Left Out: -868.426+/-786.173 χ^2/NDF : 8.6/5

Right Out: -285.373+/-735.391 χ^2/NDF : 10.6/17

Left In: -730.018+/-745.129 χ^2/NDF : 3.6/4

Left: -795.515+/-540.814 χ^2/NDF : 12.2/10

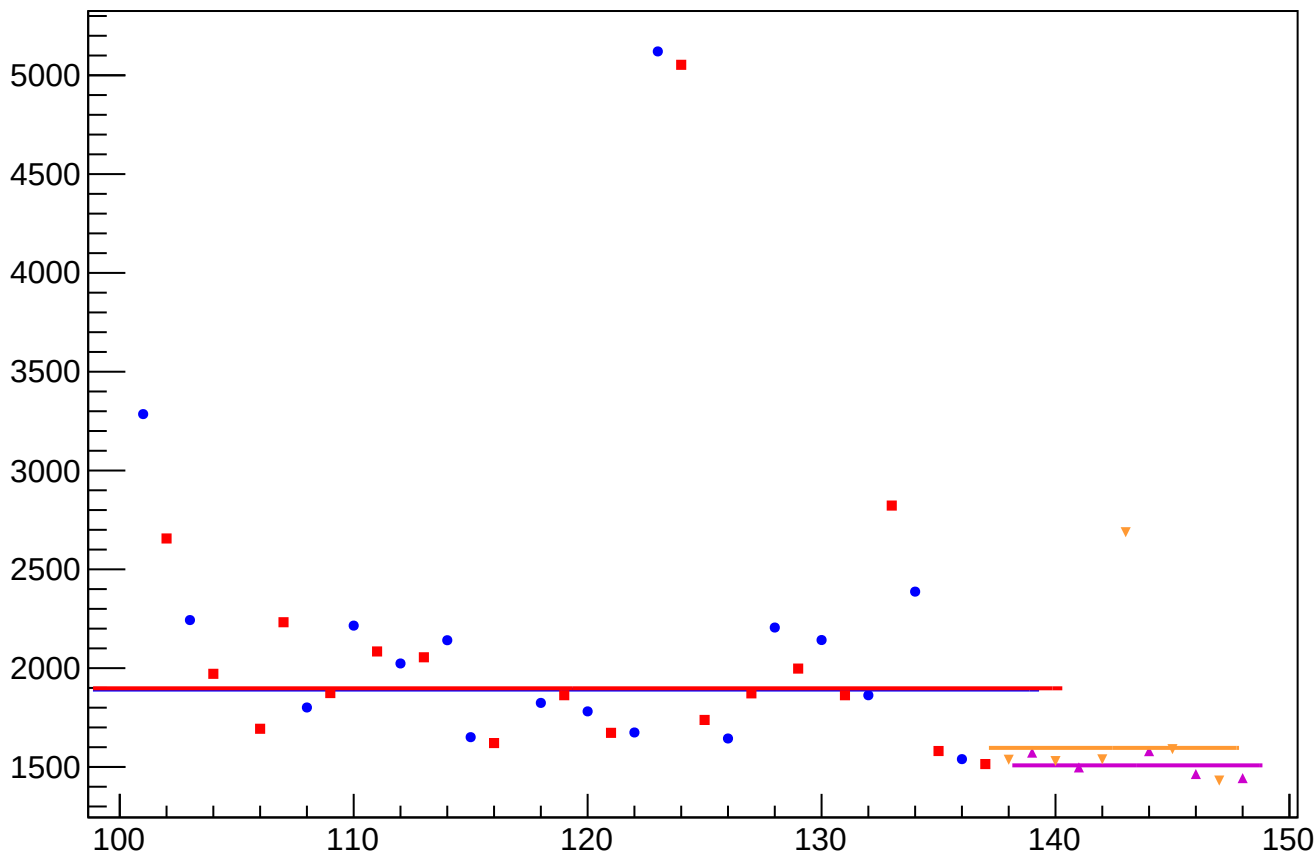
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -388.322+/-527.753 χ^2/NDF : 27.2/21

Out: -557.462+/-537.056 χ^2/NDF : 19.5/23

All: -471.414+/-376.424 χ^2/NDF : 46.7/45

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1596.543+/-0.556 χ^2/NDF : 281209.7/5

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

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

Left: 1549.965+/-0.382 χ^2/NDF : 305477.3/10

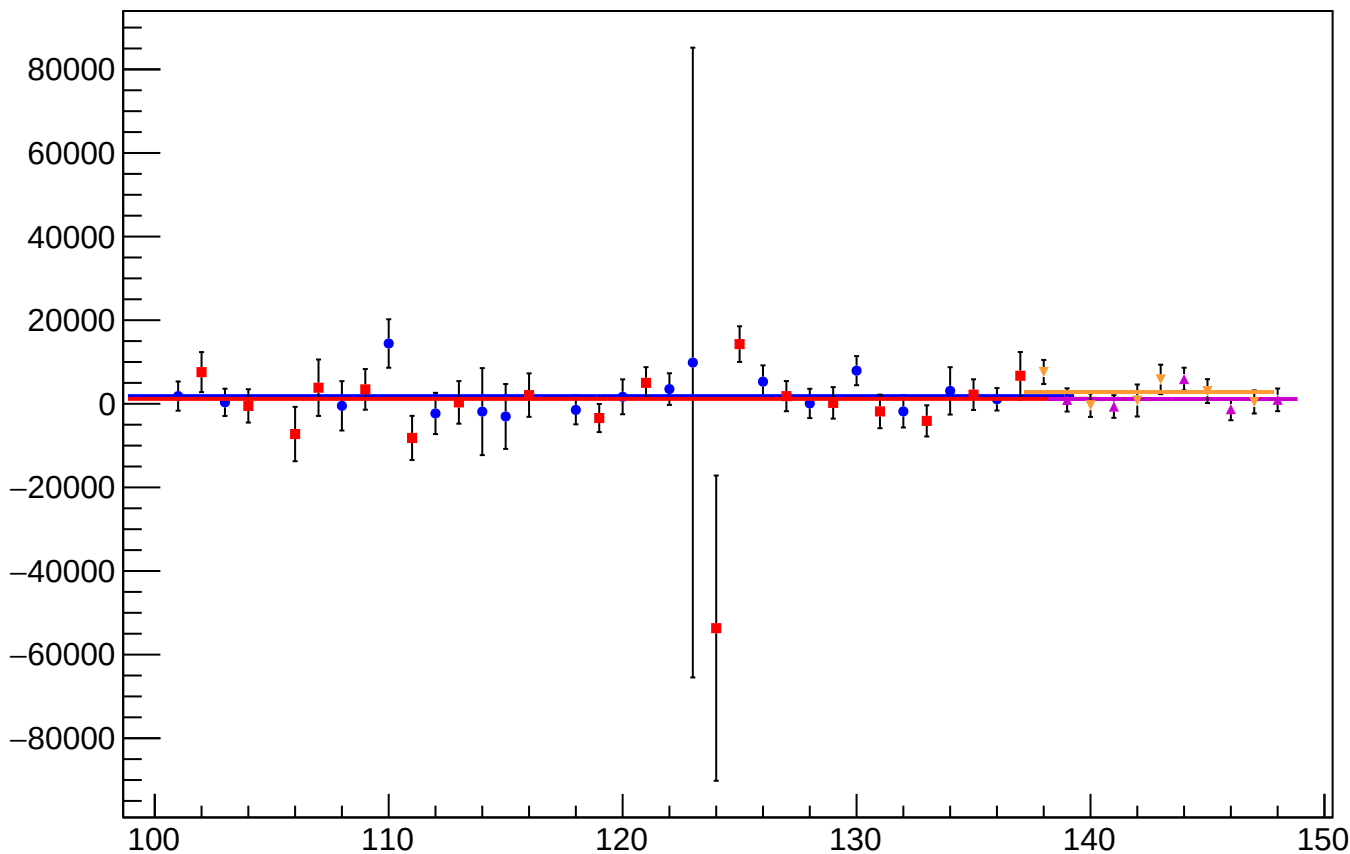
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1699.266+/-0.373 χ^2/NDF : 744109.5/21

Out: 1757.329+/-0.380 χ^2/NDF : 861753.7/23

All: 1727.790+/-0.266 χ^2/NDF : 1617756.2/45

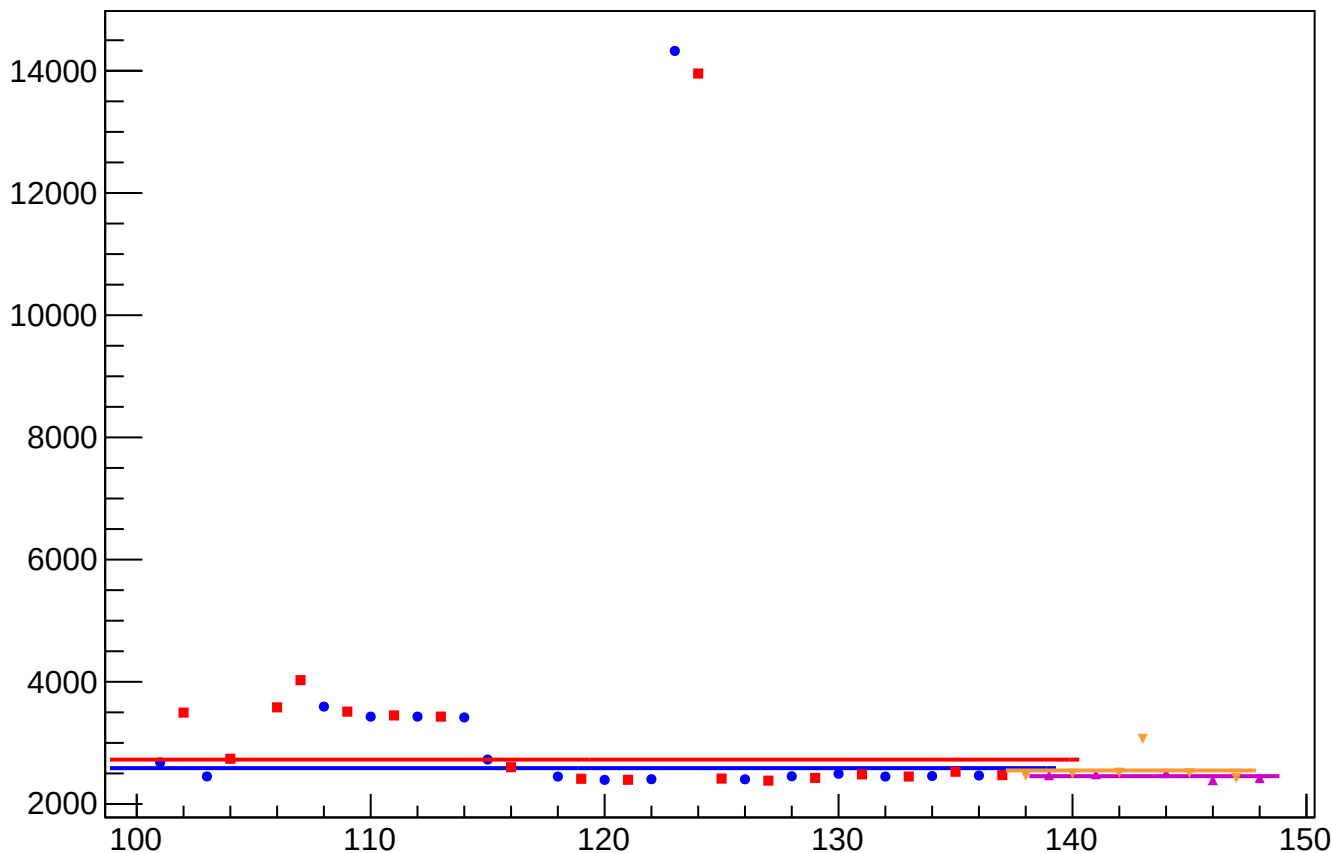
dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16
 Left Out: 2814.884 $\pm$ 1240.219 χ^2 /NDF:5.8/5
 Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17
 Left In: 1149.837 $\pm$ 1212.968 χ^2 /NDF:4.4/4

Left: 1963.867 $\pm$ 867.172 χ^2 /NDF: 11.1/10
 Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34
 In: 1548.525 $\pm$ 776.233 χ^2 /NDF:17.1/21
 Out: 1864.160 $\pm$ 801.336 χ^2 /NDF:32.3/23
 All: 1701.321 $\pm$ 557.543 χ^2 /NDF: 49.4/45

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 ± 0.714 χ^2/NDF : 254112.7/16

Left Out: 2549.203 ± 0.877 χ^2/NDF : 50324.1/5

Right Out: 2726.457 ± 0.742 χ^2/NDF : 580850.1/17

Left In: 2455.567 ± 0.858 χ^2/NDF : 2525.5/4

Left: 2501.345 ± 0.613 χ^2/NDF : 58676.4/10

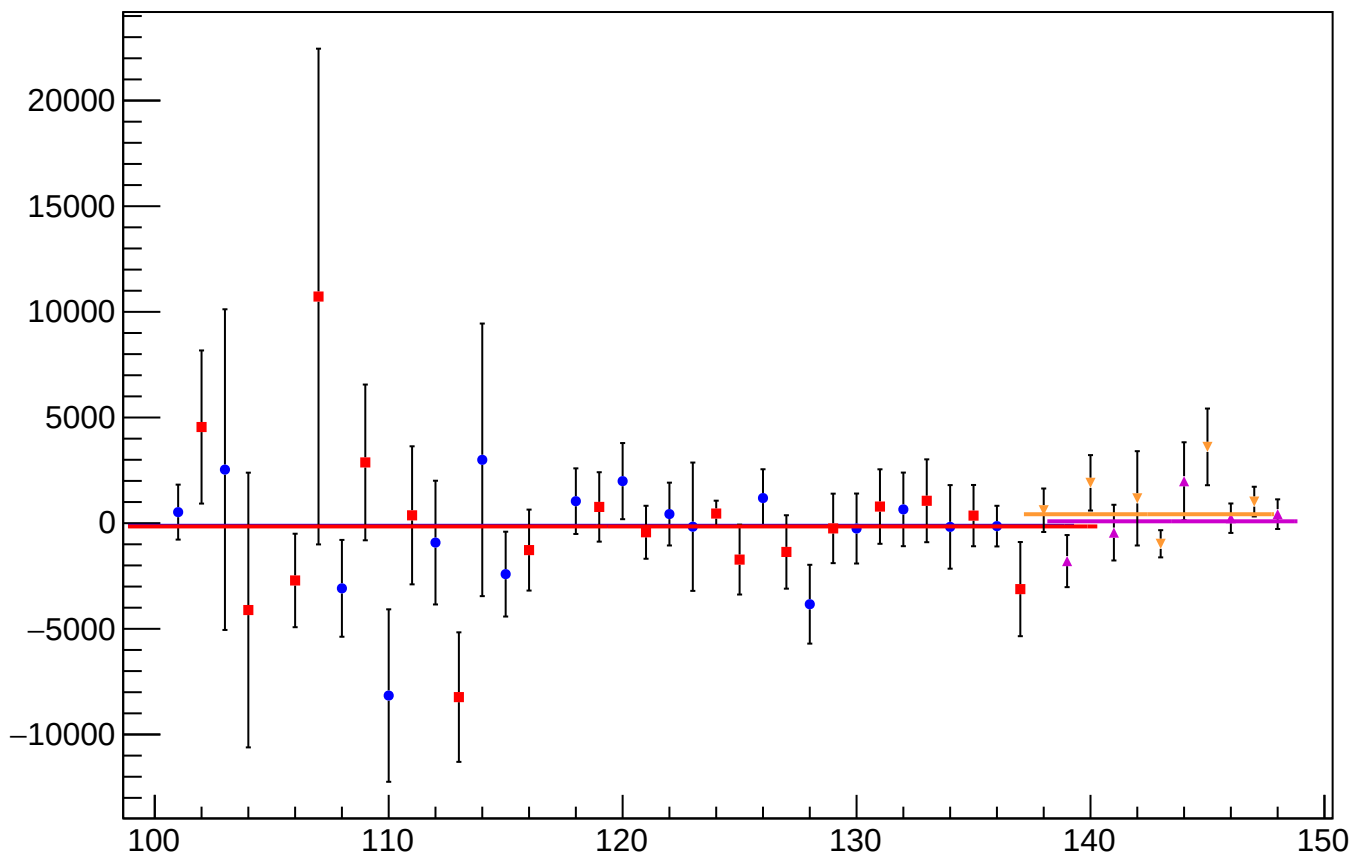
Right: 2654.027 ± 0.515 χ^2/NDF : 853292.0/34

In: 2533.161 ± 0.549 χ^2/NDF : 270499.2/21

Out: 2652.457 ± 0.567 χ^2/NDF : 654972.2/23

All: 2590.912 ± 0.394 χ^2/NDF : 948339.2/45

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 423.017 ± 393.206 χ^2/NDF : 10.0/5

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 88.152 ± 421.873 χ^2/NDF : 3.8/4

Left: 267.347 ± 287.640 χ^2/NDF : 14.1/10

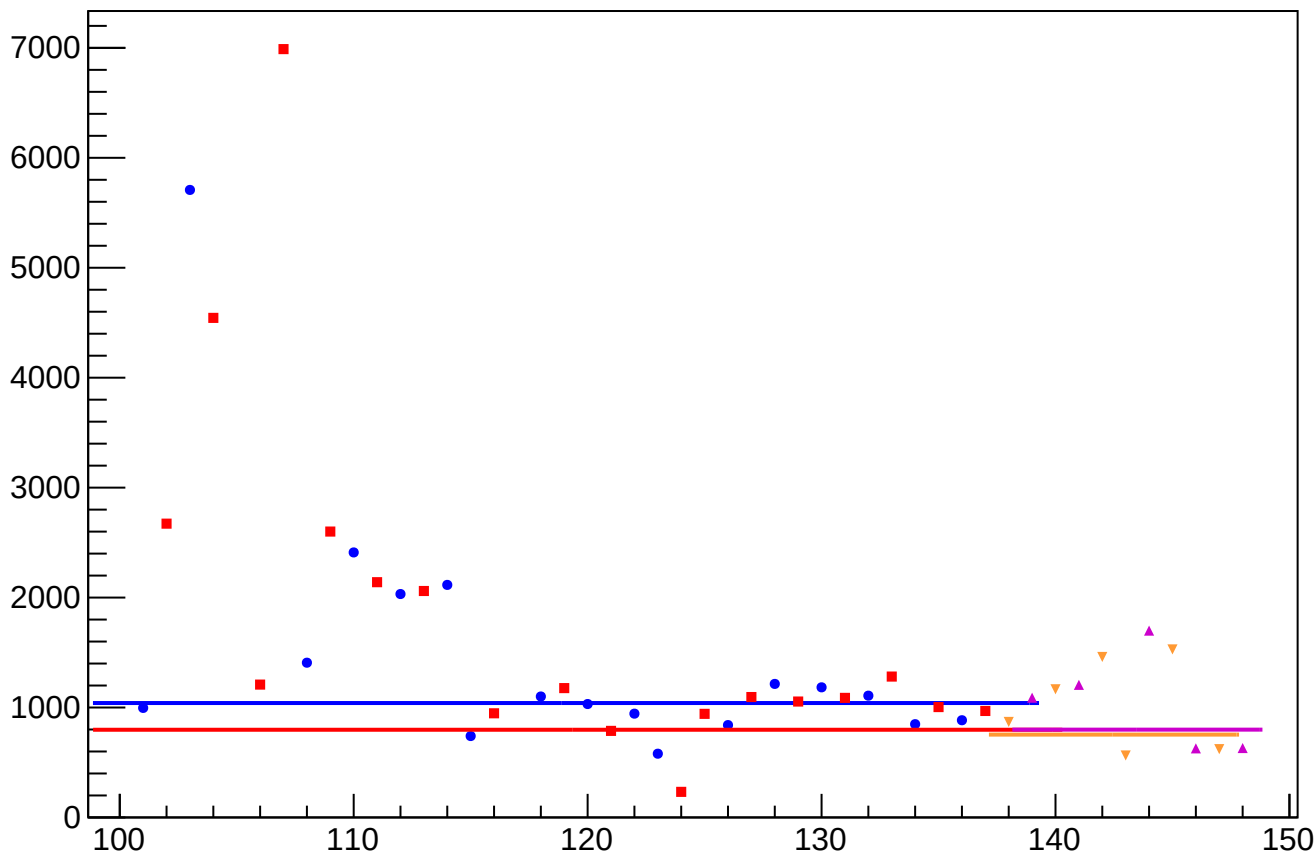
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: -15.944 ± 301.402 χ^2/NDF : 18.6/21

Out: 125.056 ± 273.592 χ^2/NDF : 28.6/23

All: 61.360 ± 202.579 χ^2/NDF : 47.4/45

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 χ^2/NDF : 1573034.8/16

Left Out: 753.576 ± 0.278 χ^2/NDF : 1032400.2/5

Right Out: 797.732 ± 0.269 χ^2/NDF : 5174332.0/17

Left In: 798.731 ± 0.298 χ^2/NDF : 1012400.9/4

Left: 774.567 ± 0.203 χ^2/NDF : 2057062.2/10

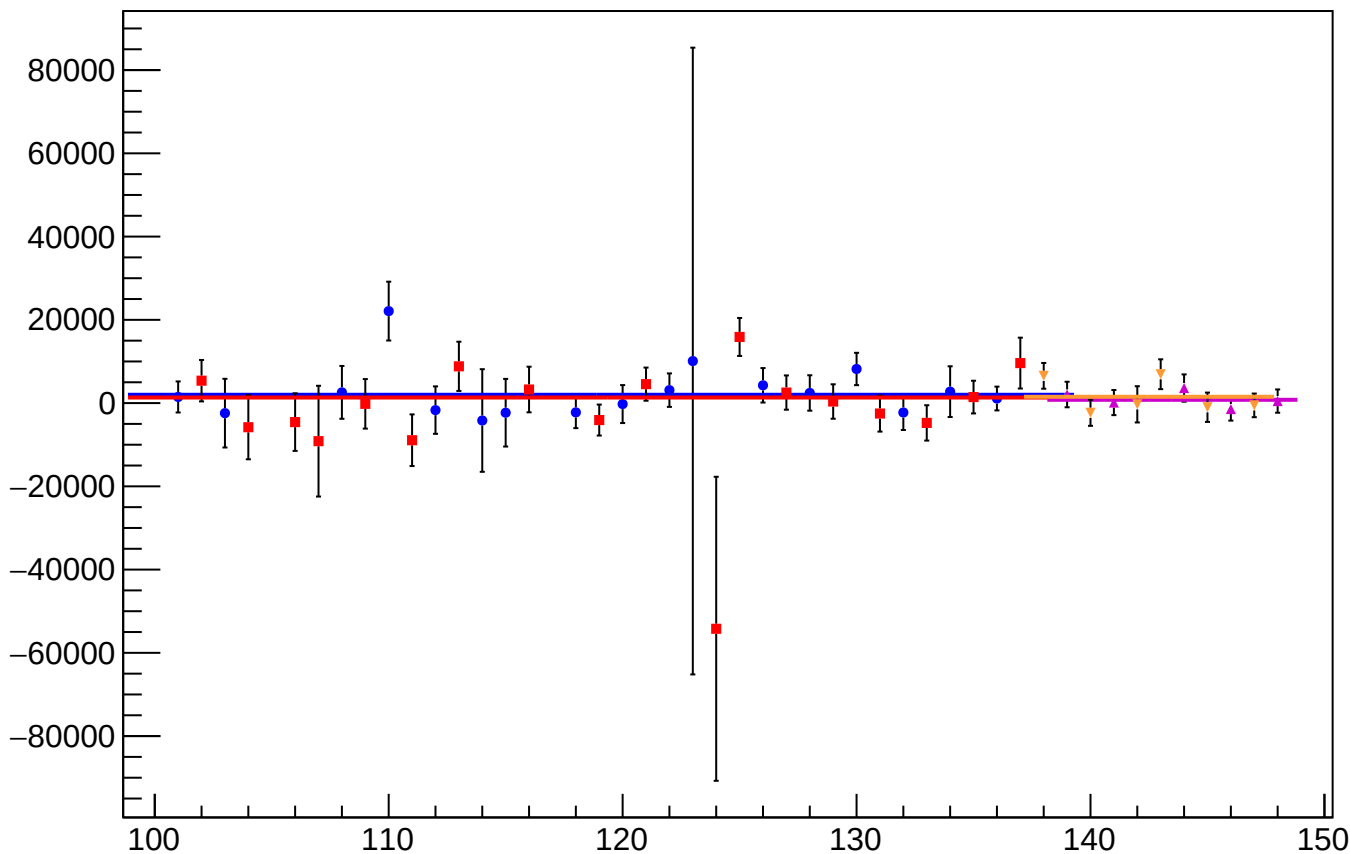
Right: 904.380 ± 0.202 χ^2/NDF : 7104613.1/34

In: 917.223 ± 0.213 χ^2/NDF : 2907708.5/21

Out: 776.354 ± 0.193 χ^2/NDF : 6219742.7/23

All: 839.991 ± 0.143 χ^2/NDF : 9366973.6/45

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1517.523+/-1359.026 χ^2/NDF : 7.7/5

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 789.144+/-1329.090 χ^2/NDF : 1.6/4

Left: 1145.223+/-950.216 χ^2/NDF : 9.4/10

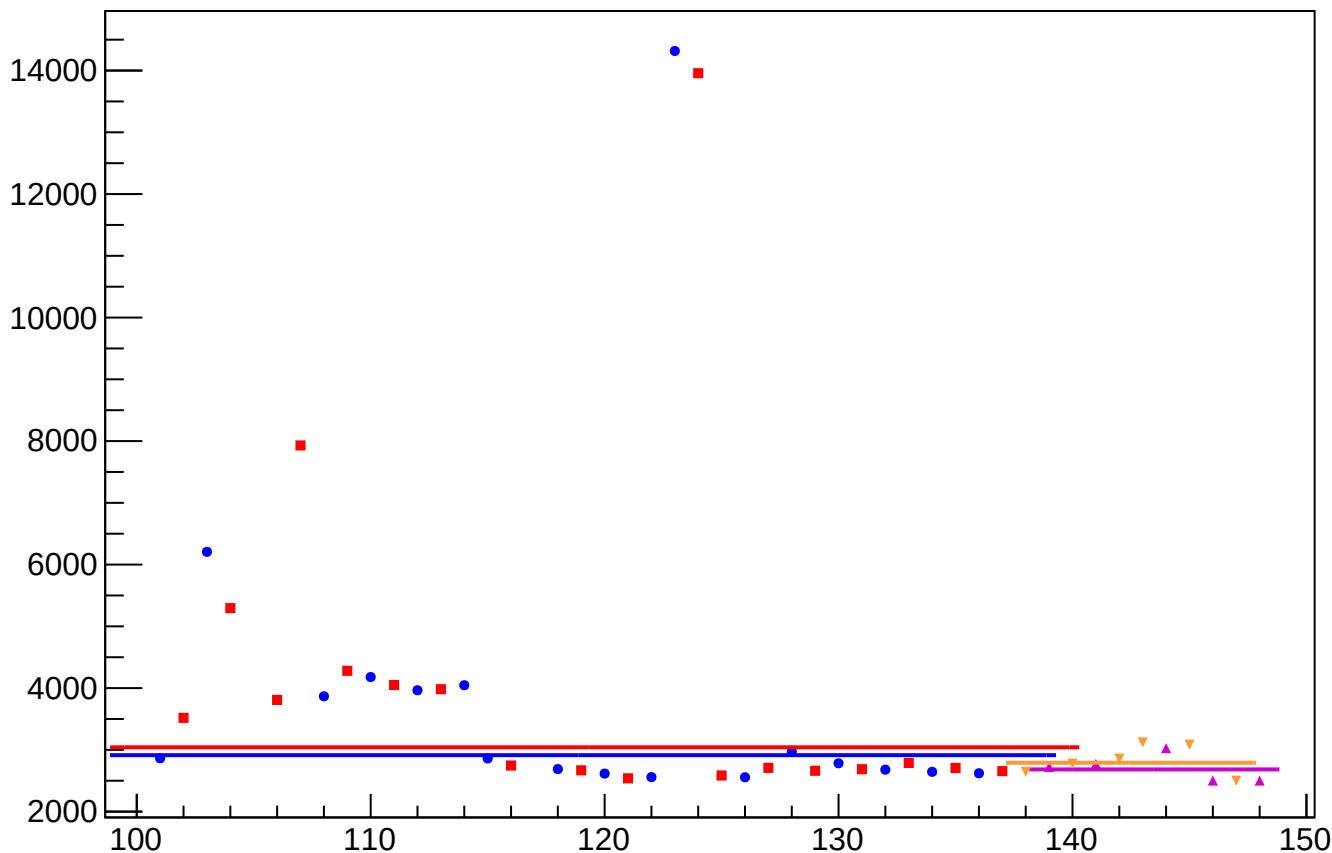
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1476.860+/-871.830 χ^2/NDF : 17.0/21

Out: 1415.410+/-896.873 χ^2/NDF : 35.1/23

All: 1447.005+/-625.143 χ^2/NDF : 52.1/45

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2791.123+/-0.961 χ^2/NDF : 56626.1/5

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2683.392+/-0.940 χ^2/NDF : 40972.2/4

Left: 2736.058+/-0.672 χ^2/NDF : 104022.1/10

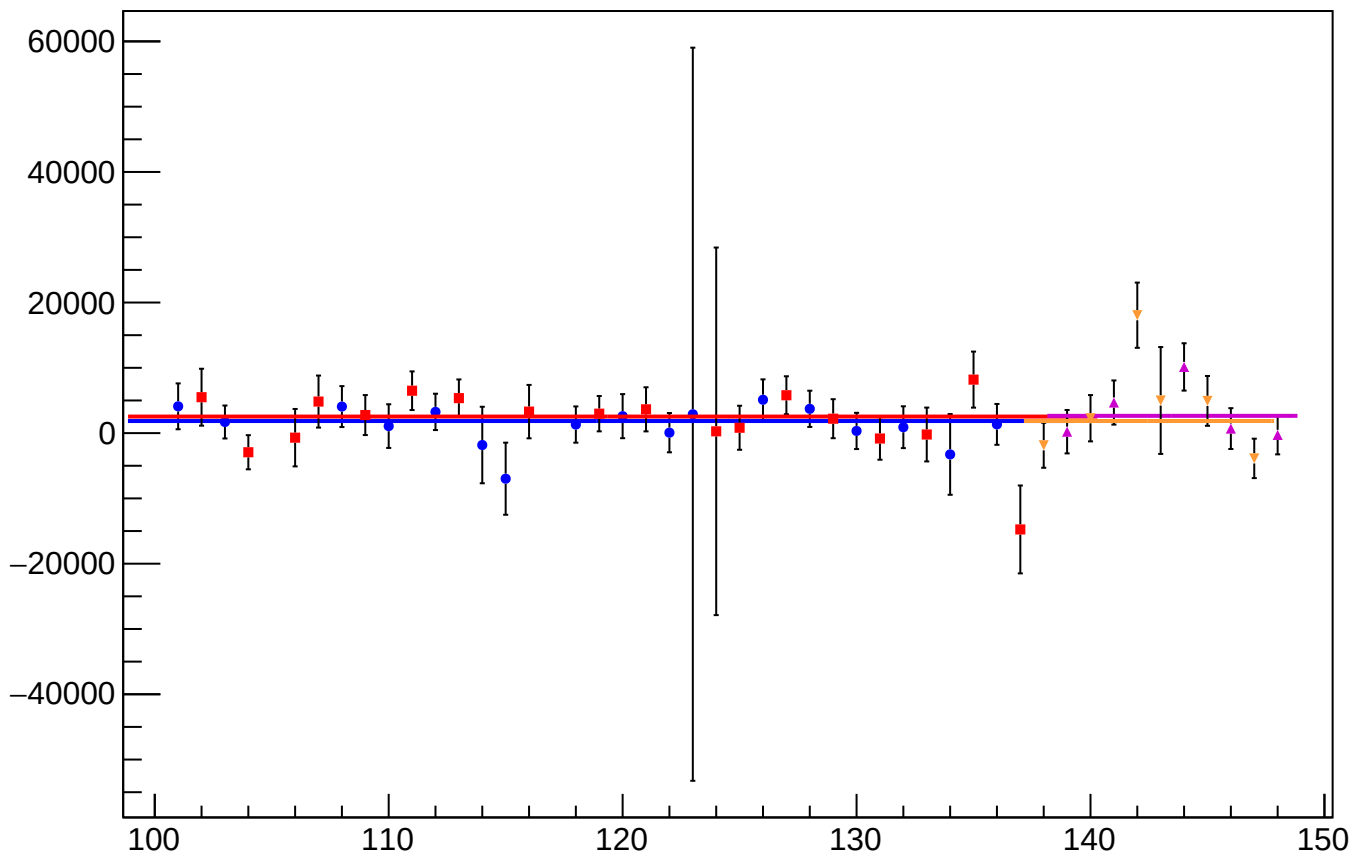
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2814.702+/-0.616 χ^2/NDF : 714222.4/21

Out: 2932.302+/-0.634 χ^2/NDF : 1098445.0/23

All: 2871.838+/-0.442 χ^2/NDF : 1830347.3/45

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 $\chi^2/\text{NDF}: 7.3/16$

Left Out: 1855.717 ± 1586.714 $\chi^2/\text{NDF}: 16.1/5$

Right Out: 2535.163 ± 819.322 $\chi^2/\text{NDF}: 20.0/17$

Left In: 2646.054 ± 1460.419 $\chi^2/\text{NDF}: 6.5/4$

Left: 2283.586 ± 1074.551 $\chi^2/\text{NDF}: 22.8/10$

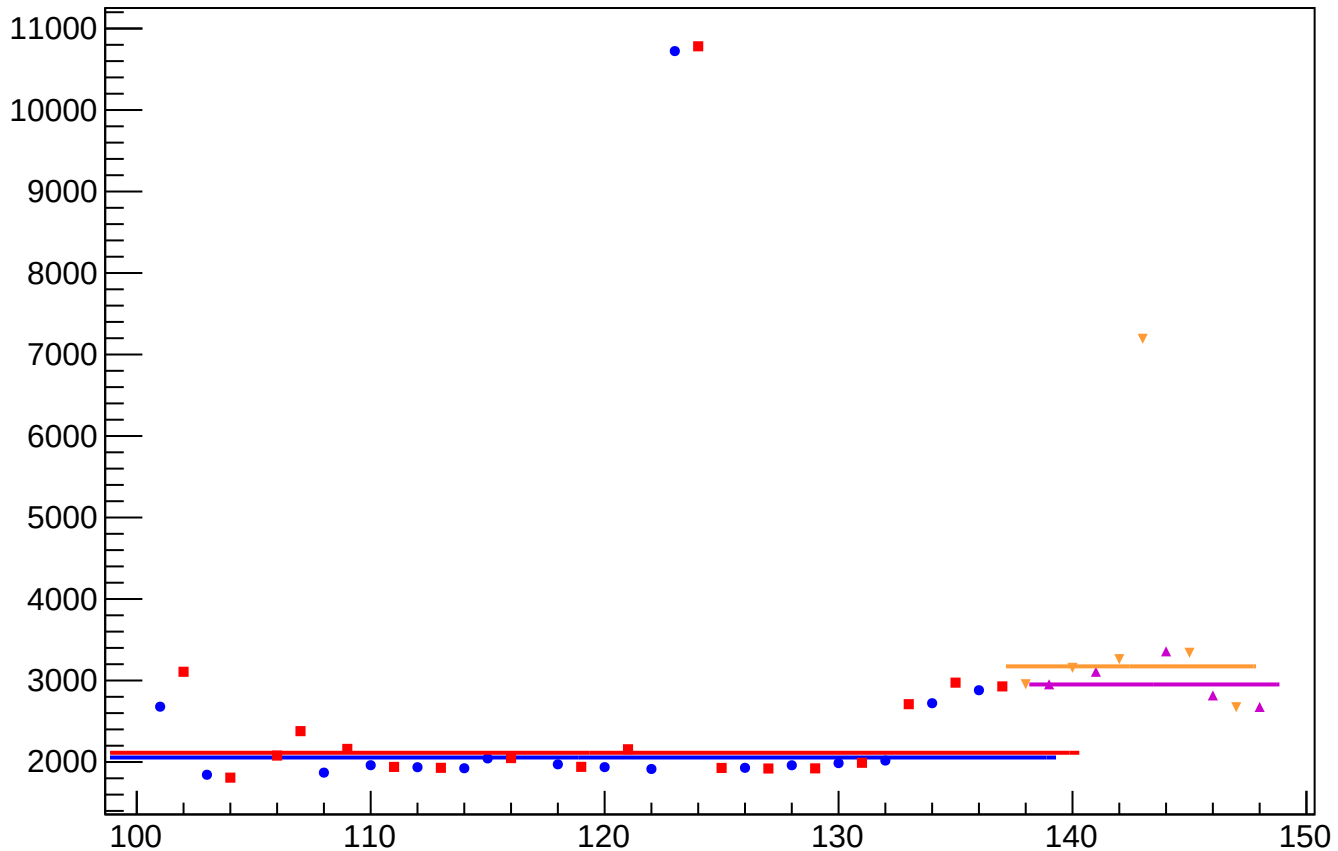
Right: 2187.336 ± 574.855 $\chi^2/\text{NDF}: 27.6/34$

In: 2036.199 ± 706.174 $\chi^2/\text{NDF}: 14.0/21$

Out: 2392.137 ± 727.997 $\chi^2/\text{NDF}: 36.3/23$

All: 2208.753 ± 506.880 $\chi^2/\text{NDF}: 50.4/45$

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2 /NDF: 316383.7/16

Left Out: 3173.604 $\pm$ 1.122 χ^2 /NDF: 549807.8/5

Right Out: 2113.304 $\pm$ 0.578 χ^2 /NDF: 532006.4/17

Left In: 2951.500 $\pm$ 1.033 χ^2 /NDF: 50230.0/4

Left: 3053.362 $\pm$ 0.760 χ^2 /NDF: 621253.0/10

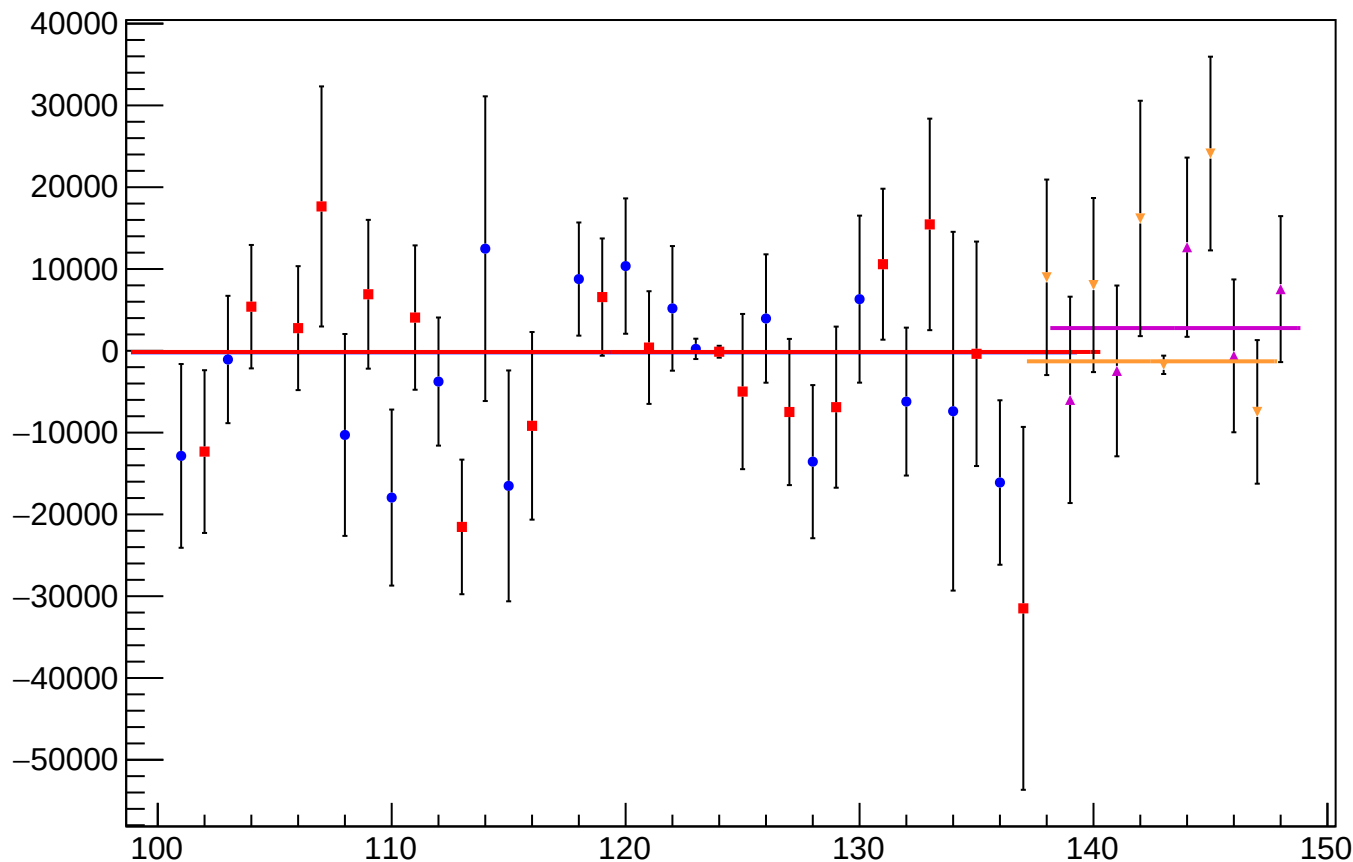
Right: 2083.972 $\pm$ 0.406 χ^2 /NDF: 853461.4/34

In: 2264.955 $\pm$ 0.499 χ^2 /NDF: 943482.6/21

Out: 2335.973 $\pm$ 0.514 χ^2 /NDF: 1787342.5/23

All: 2299.426 $\pm$ 0.358 χ^2 /NDF: 2740643.1/45

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1285.456+/-1094.522 χ^2/NDF : 8.2/5

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 2780.011+/-4573.456 χ^2/NDF : 2.0/4

Left: -1065.223+/-1064.463 χ^2/NDF : 10.9/10

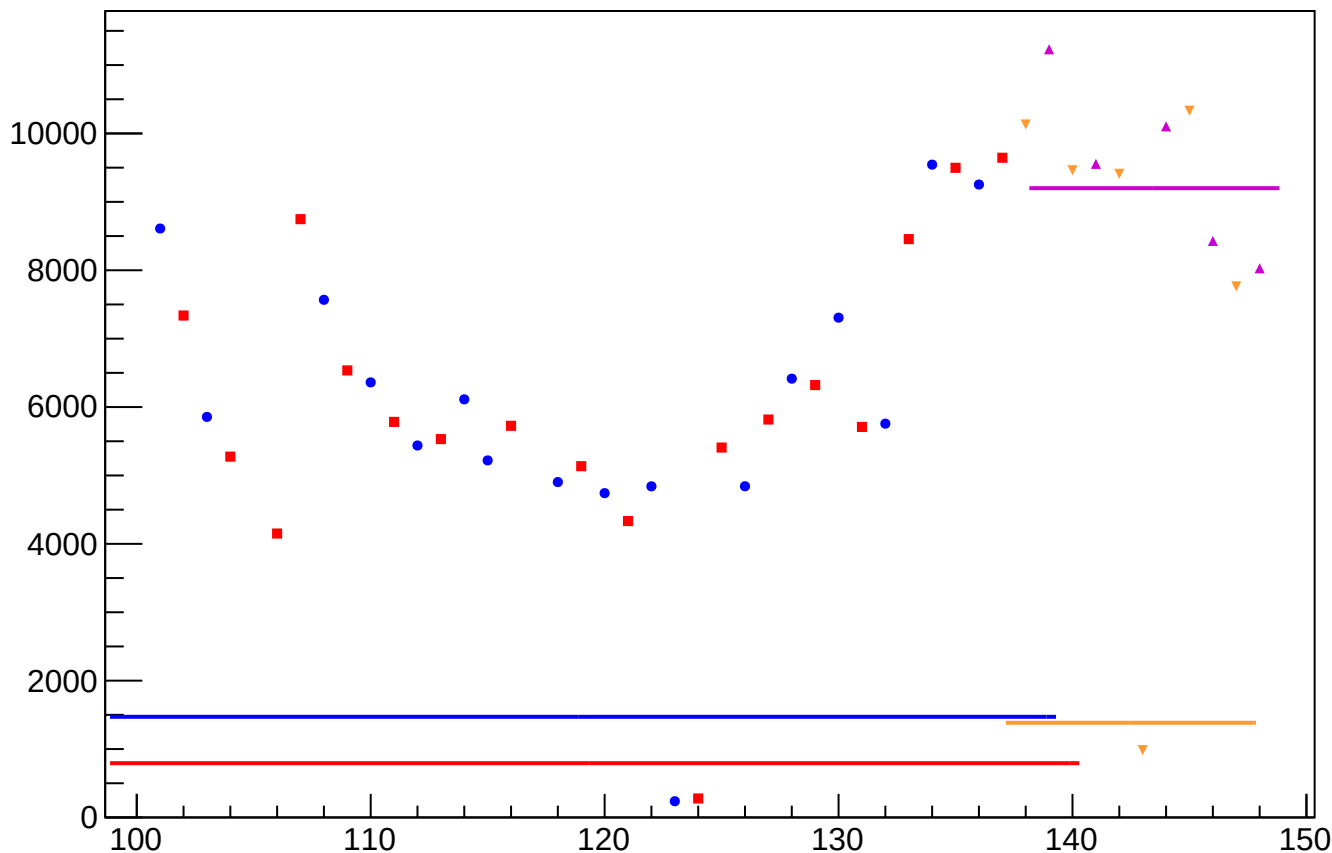
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -22.872+/-1070.217 χ^2/NDF : 18.7/21

Out: -467.807+/-584.287 χ^2/NDF : 28.0/23

All: -365.640+/-512.836 χ^2/NDF : 46.8/45

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1384.455+/-0.774 χ^2/NDF : 5299393.5/5

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9200.125+/-3.234 χ^2/NDF : 115884.2/4

Left: 1807.843+/-0.753 χ^2/NDF : 10939686.1/10

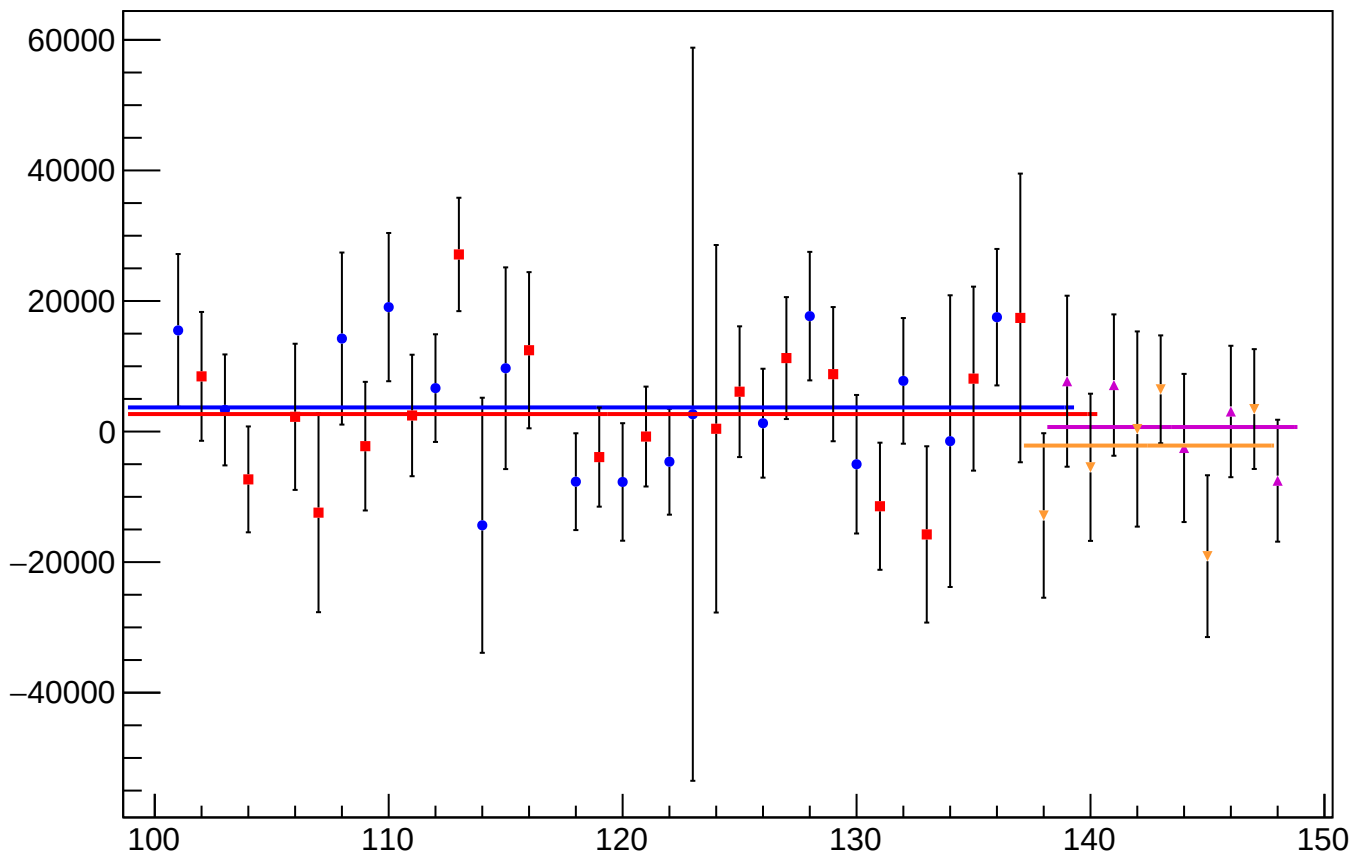
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 1894.813+/-0.757 χ^2/NDF : 15302674.2/21

Out: 962.020+/-0.413 χ^2/NDF : 17138634.7/23

All: 1176.210+/-0.363 χ^2/NDF : 33611782.1/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -2145.317+/-4399.416 χ^2/NDF : 4.2/5

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 694.261+/-4796.861 χ^2/NDF : 1.6/4

Left: -848.020+/-3242.276 χ^2/NDF : 5.9/10

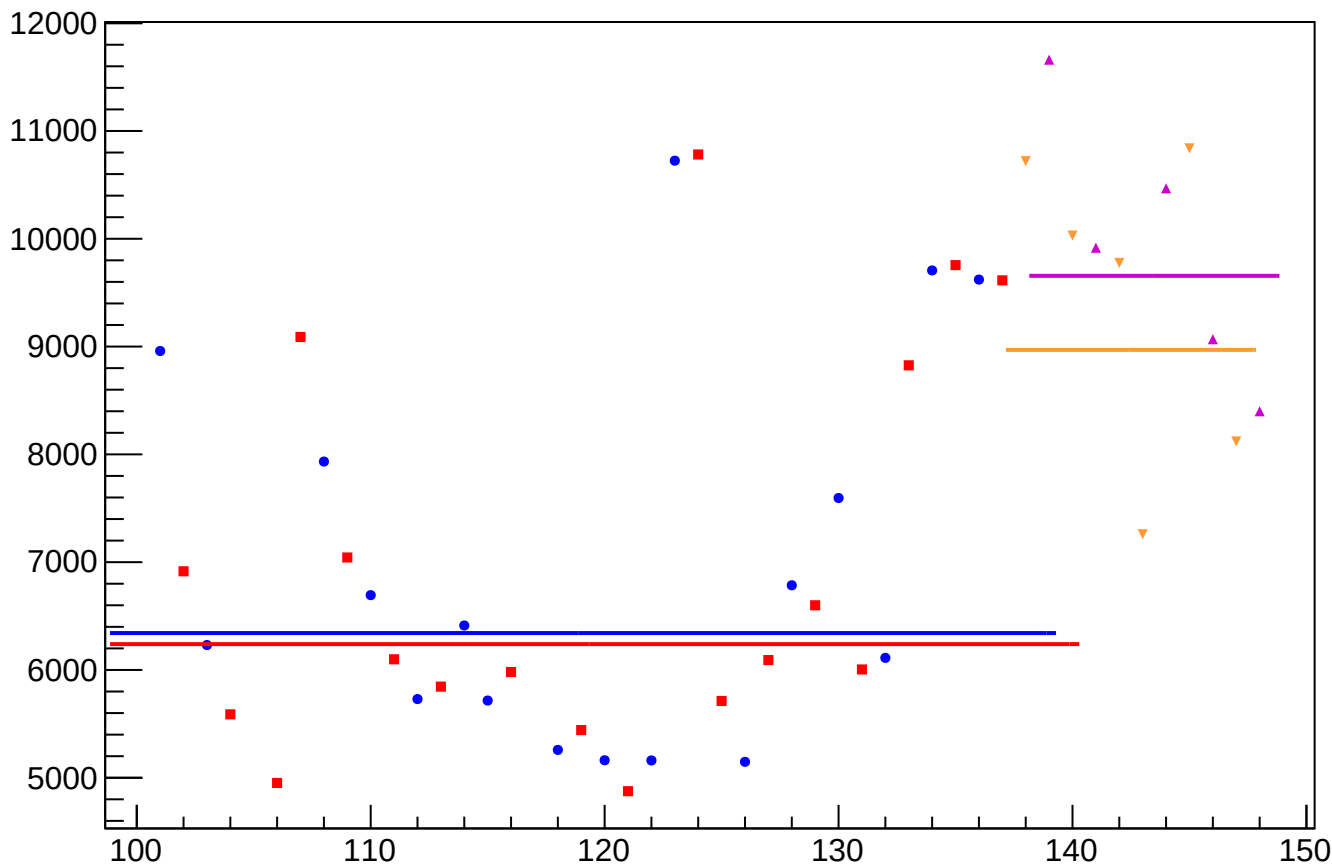
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3049.488+/-2229.464 χ^2/NDF : 16.3/21

Out: 1552.565+/-2126.187 χ^2/NDF : 23.6/23

All: 2265.553+/-1538.657 χ^2/NDF : 40.1/45

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 8969.362+/-3.111 χ^2/NDF :210431.0/5

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 9656.403+/-3.392 χ^2/NDF :101292.1/4

Left: 9283.246+/-2.293 χ^2/NDF : 334007.0/10

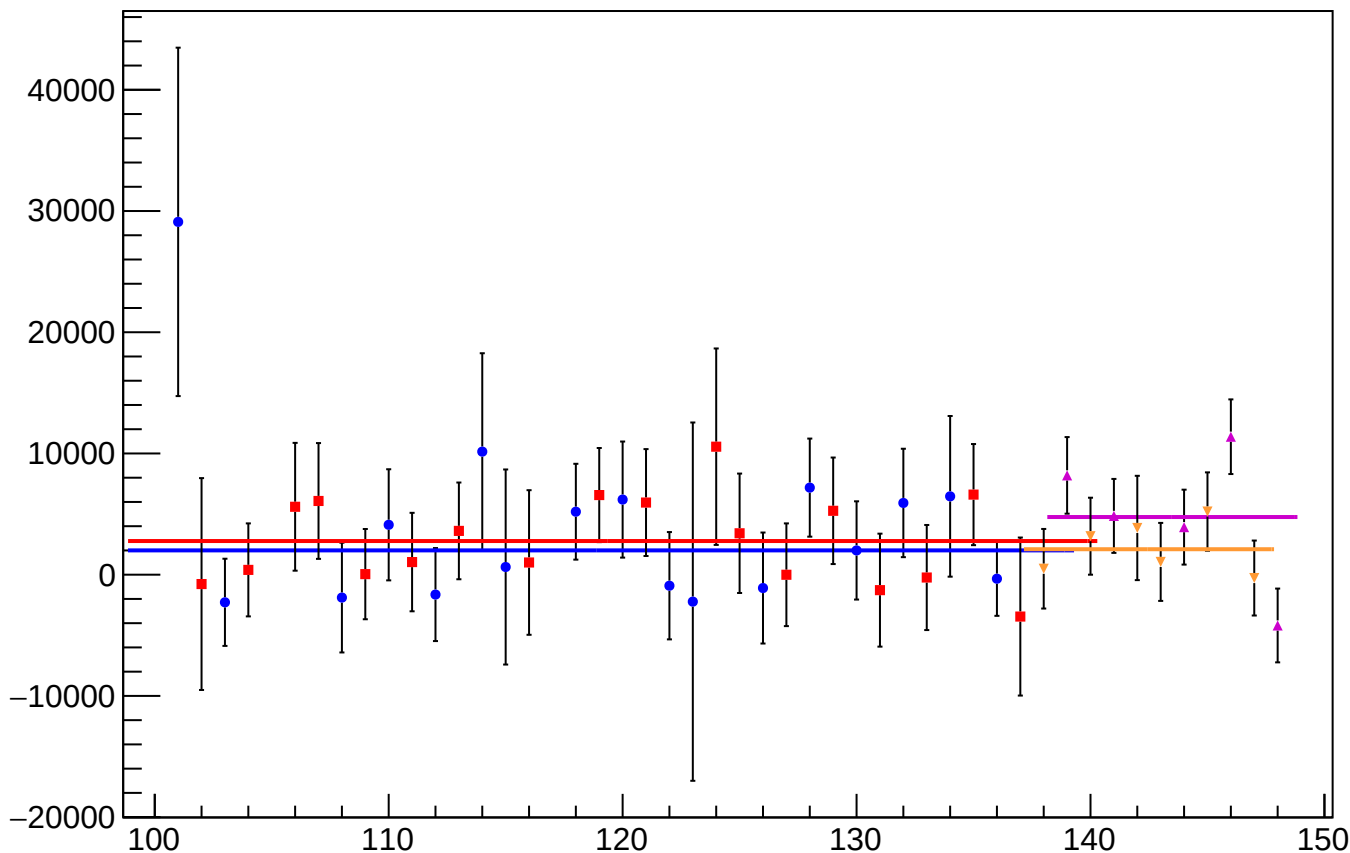
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7058.216+/-1.576 χ^2/NDF :1443386.7/21

Out: 6877.235+/-1.503 χ^2/NDF :1329784.3/23

All: 6963.434+/-1.088 χ^2/NDF : 2780073.3/45

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2100.519 $\pm$ 1357.093 χ^2 /NDF: 2.1/5

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 4756.416 $\pm$ 1379.110 χ^2 /NDF: 14.5/4

Left: 3407.098 $\pm$ 967.300 χ^2 /NDF: 18.6/10

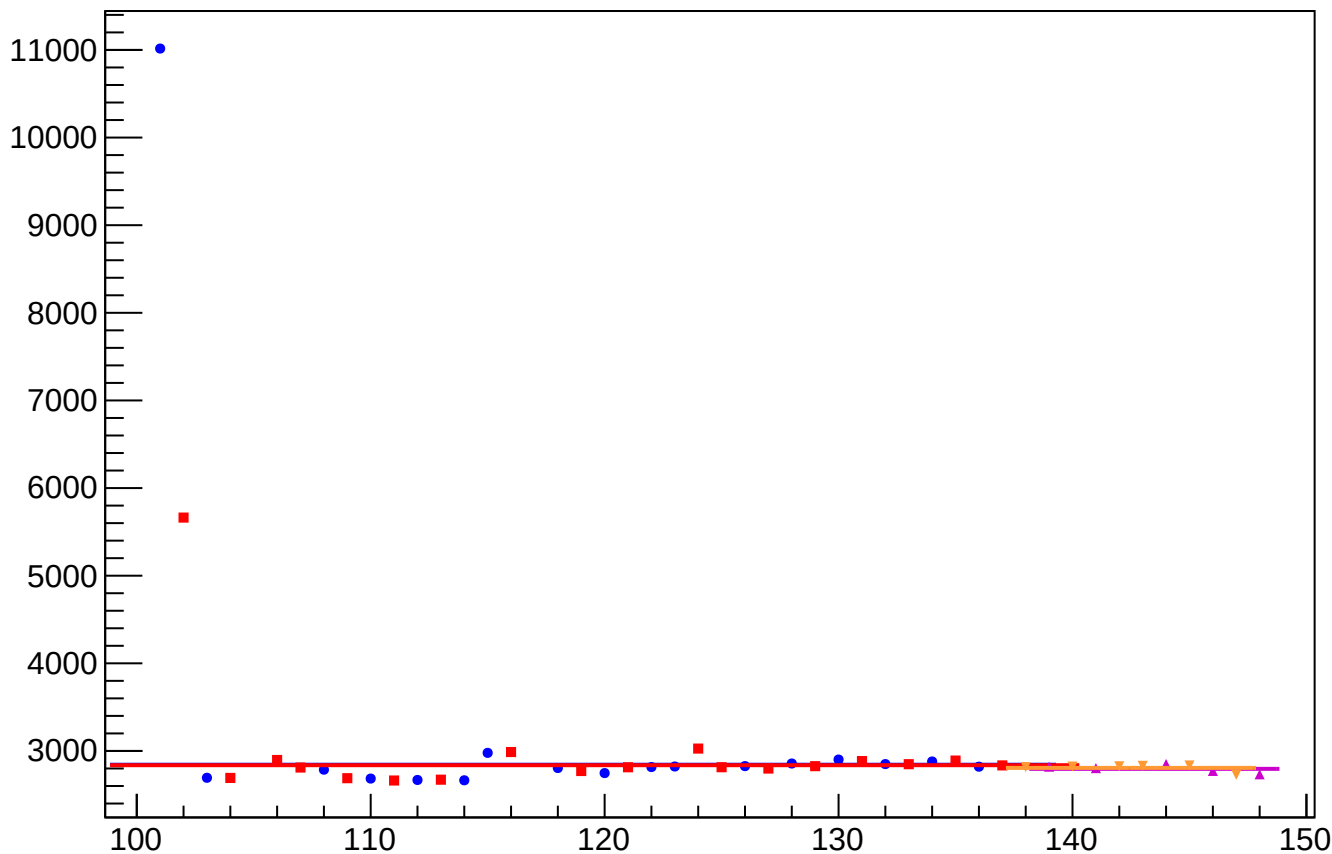
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3104.608 $\pm$ 871.944 χ^2 /NDF: 30.6/21

Out: 2512.087 $\pm$ 848.310 χ^2 /NDF: 10.6/23

All: 2800.209 $\pm$ 608.029 χ^2 /NDF: 41.5/45

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2806.672+/-0.960 χ^2/NDF :1633.5/5

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2795.807+/-0.975 χ^2/NDF :1725.5/4

Left: 2801.327+/-0.684 χ^2/NDF : 3422.0/10

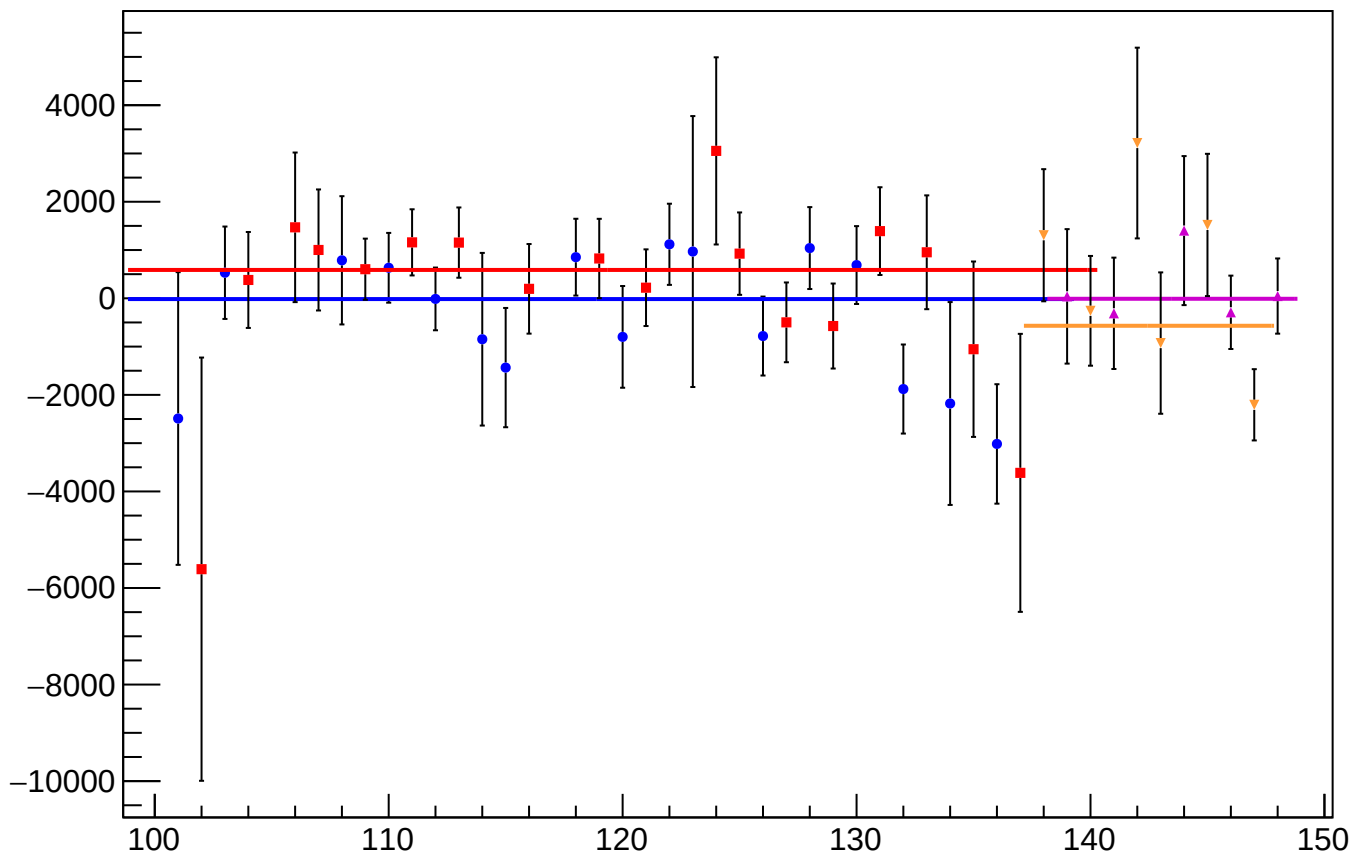
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2823.912+/-0.617 χ^2/NDF :663414.3/21

Out: 2825.417+/-0.600 χ^2/NDF :228681.7/23

All: 2824.685+/-0.430 χ^2/NDF : 892099.1/45

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -568.713 ± 480.702 χ^2/NDF : 12.6/5

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: -9.670 ± 444.201 χ^2/NDF : 1.0/4

Left: -267.164 ± 326.240 χ^2/NDF : 14.4/10

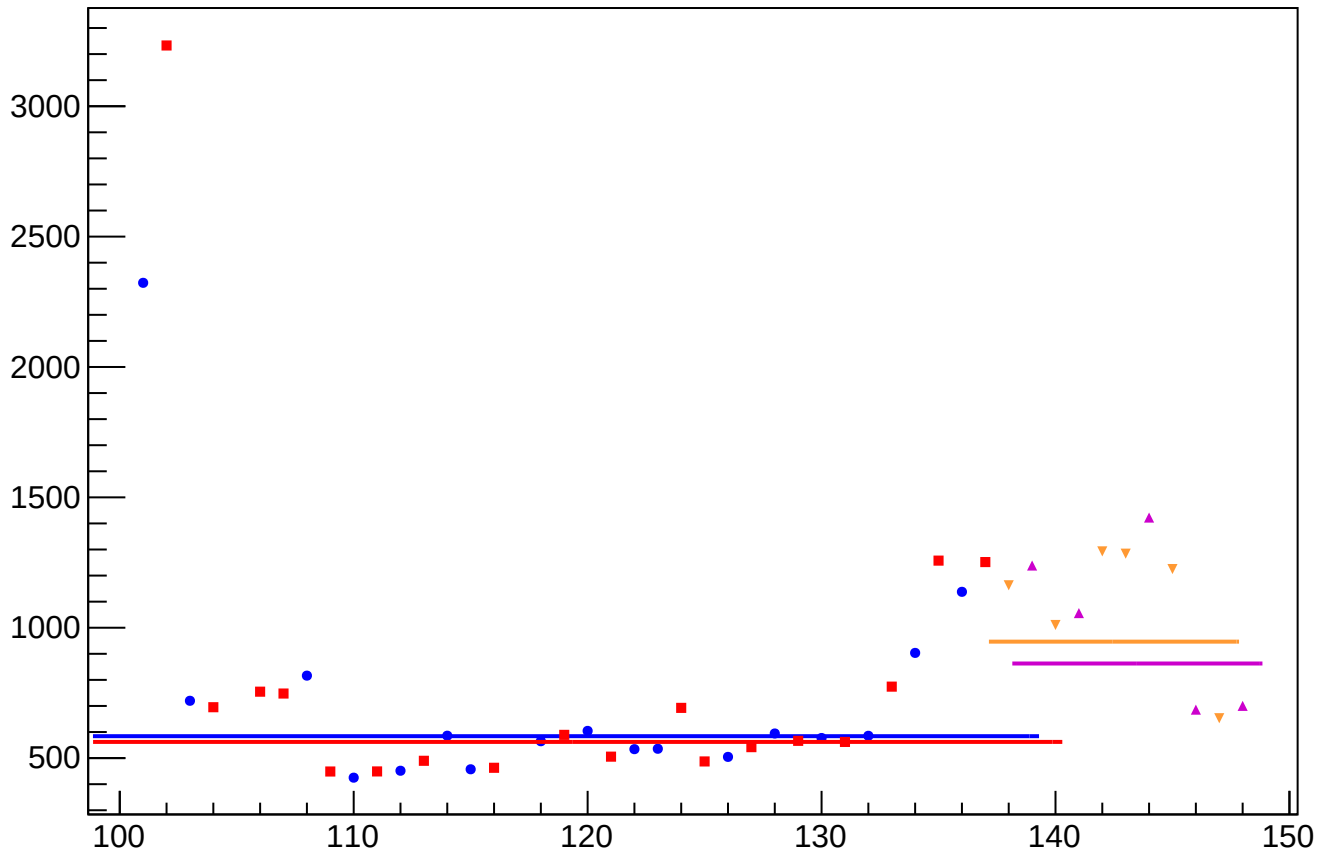
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: -14.294 ± 210.375 χ^2/NDF : 22.7/21

Out: 378.573 ± 204.384 χ^2/NDF : 30.7/23

All: 187.814 ± 146.594 χ^2/NDF : 55.1/45

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 946.657+/-0.340 χ^2/NDF : 611966.1/5

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 862.804+/-0.314 χ^2/NDF : 660360.4/4

Left: 901.427+/-0.231 χ^2/NDF : 1305153.4/10

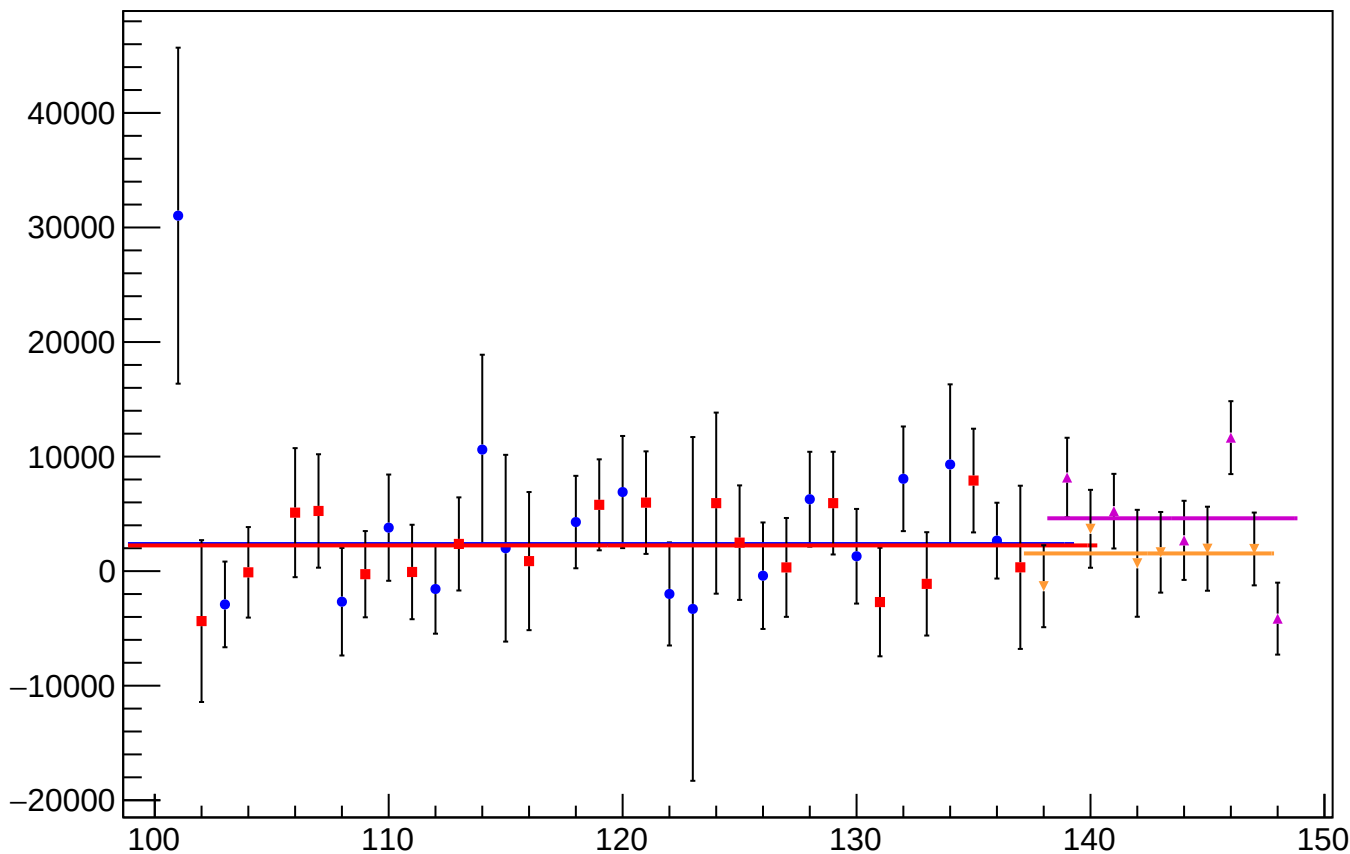
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 646.578+/-0.149 χ^2/NDF : 2707902.7/21

Out: 631.637+/-0.145 χ^2/NDF : 3185727.1/23

All: 638.892+/-0.104 χ^2/NDF : 5898820.0/45

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1545.056 $\pm$ 1467.205 χ^2 /NDF: 1.1/5

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 4612.264 $\pm$ 1472.483 χ^2 /NDF: 14.1/4

Left: 3073.153 $\pm$ 1039.332 χ^2 /NDF: 17.4/10

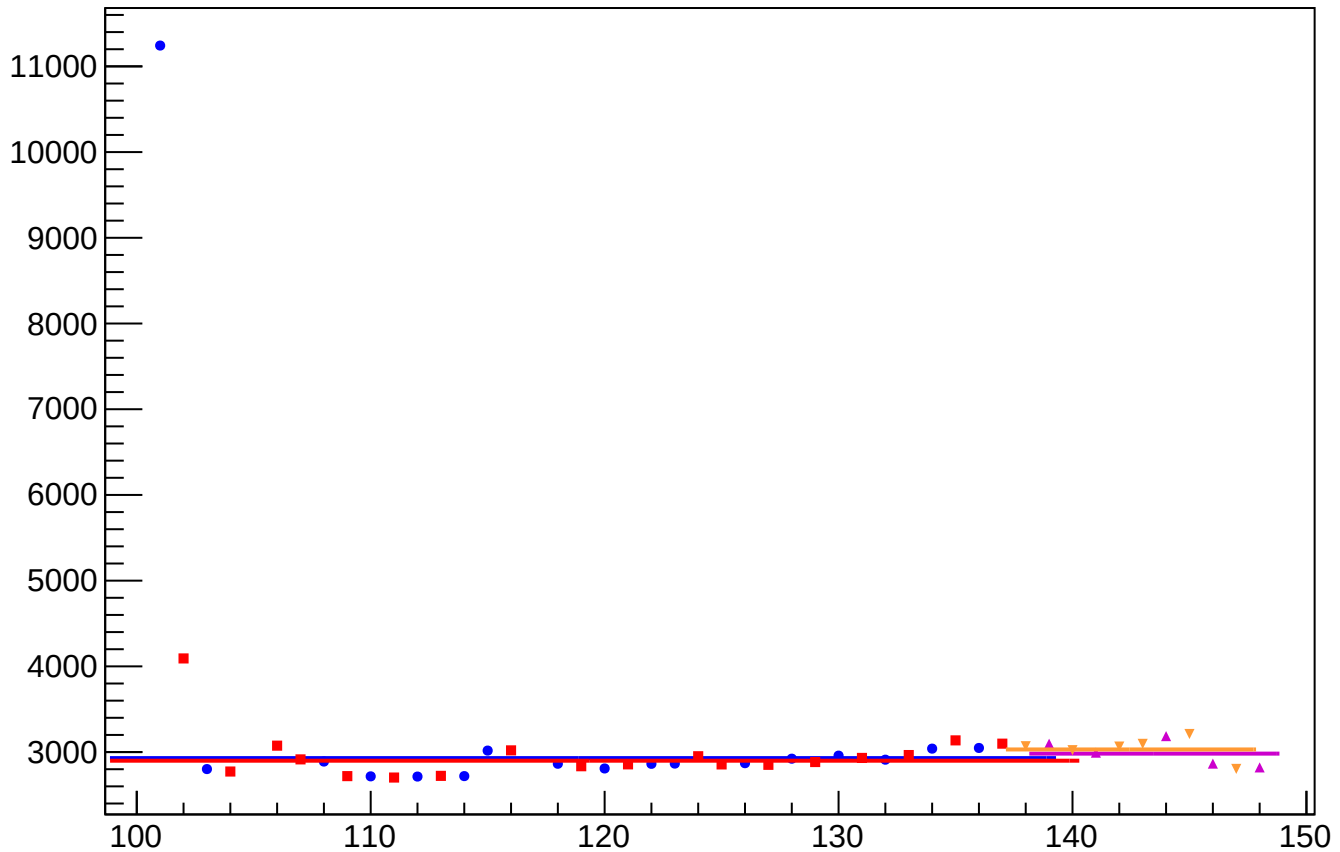
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3224.171 $\pm$ 911.184 χ^2 /NDF: 30.6/21

Out: 1989.909 $\pm$ 886.193 χ^2 /NDF: 9.8/23

All: 2589.882 $\pm$ 635.285 χ^2 /NDF: 41.3/45

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3030.630+/-1.037 χ^2/NDF : 16069.1/5

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2981.999+/-1.041 χ^2/NDF : 17153.0/4

Left: 3006.402+/-0.735 χ^2/NDF : 34316.7/10

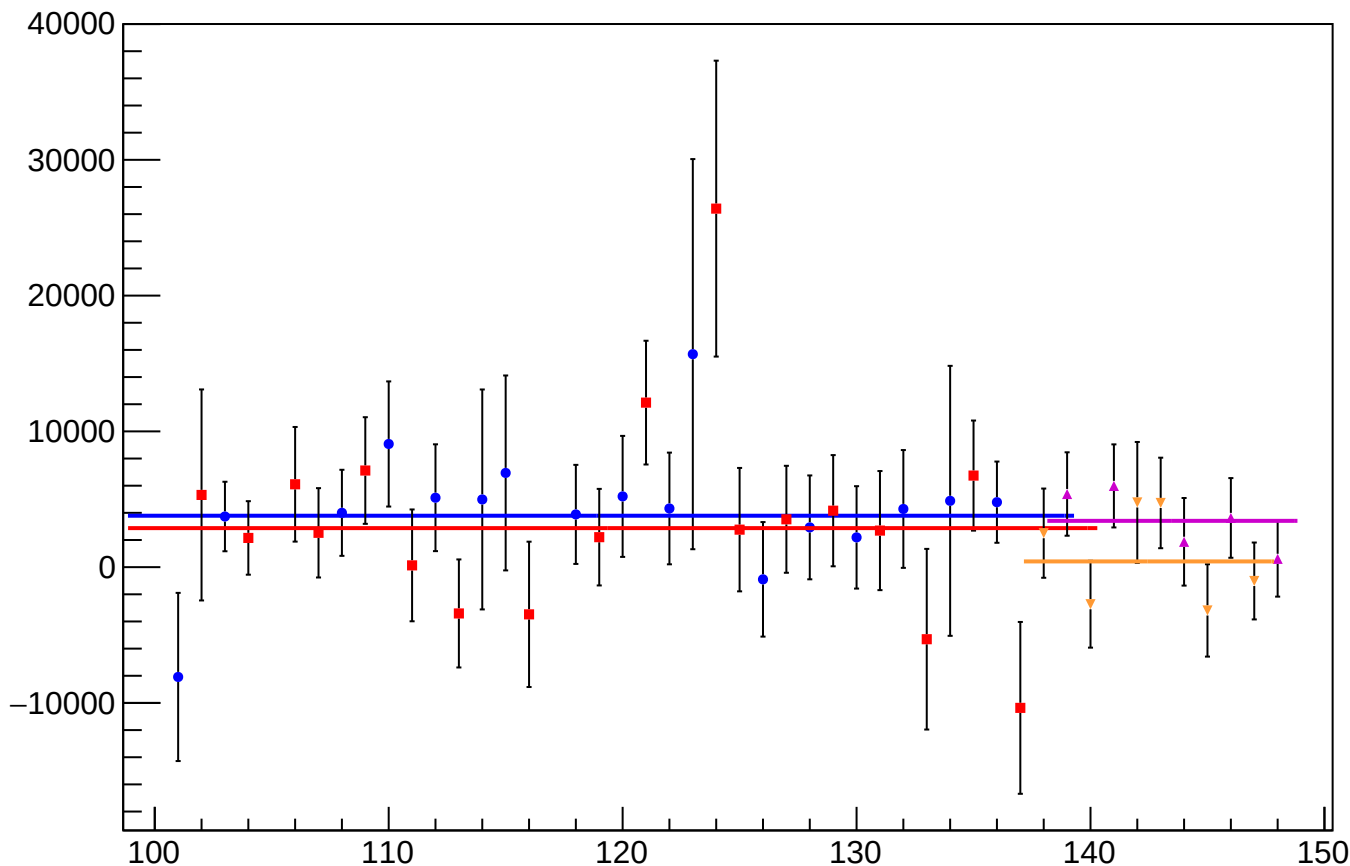
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2949.698+/-0.644 χ^2/NDF : 681341.7/21

Out: 2947.294+/-0.627 χ^2/NDF : 109770.1/23

All: 2948.463+/-0.449 χ^2/NDF : 791118.9/45

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 422.288+/-1358.438 χ^2/NDF : 5.4/5

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3410.489+/-1343.474 χ^2/NDF : 2.4/4

Left: 1932.937+/-955.226 χ^2/NDF : 10.2/10

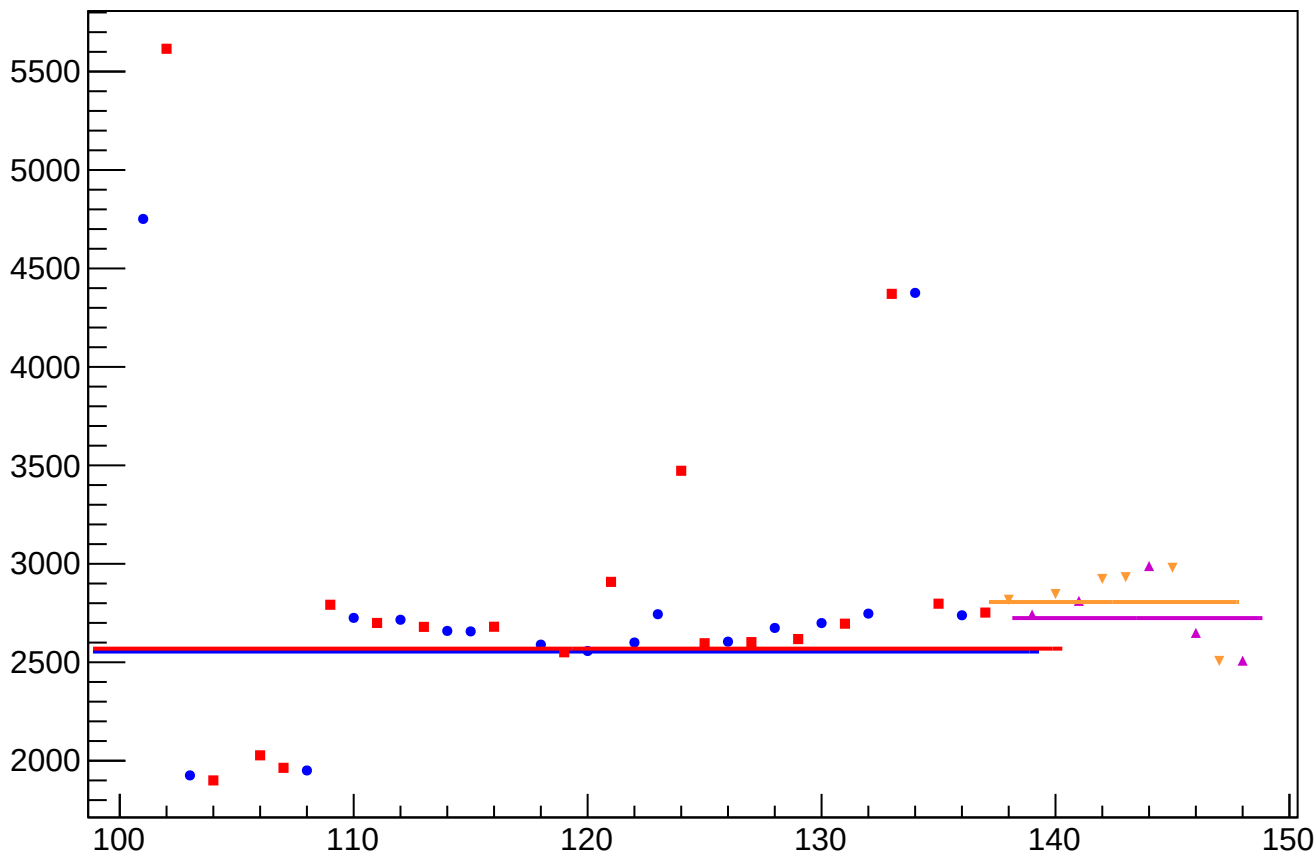
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3651.905+/-806.347 χ^2/NDF : 10.1/21

Out: 2008.239+/-807.451 χ^2/NDF : 29.5/23

All: 2831.196+/-570.563 χ^2/NDF : 41.7/45

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2805.981 $\pm$ 0.961 χ^2 /NDF:32140.2/5

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2724.425 $\pm$ 0.950 χ^2 /NDF:28488.5/4

Left: 2764.751 $\pm$ 0.675 χ^2 /NDF: 64273.1/10

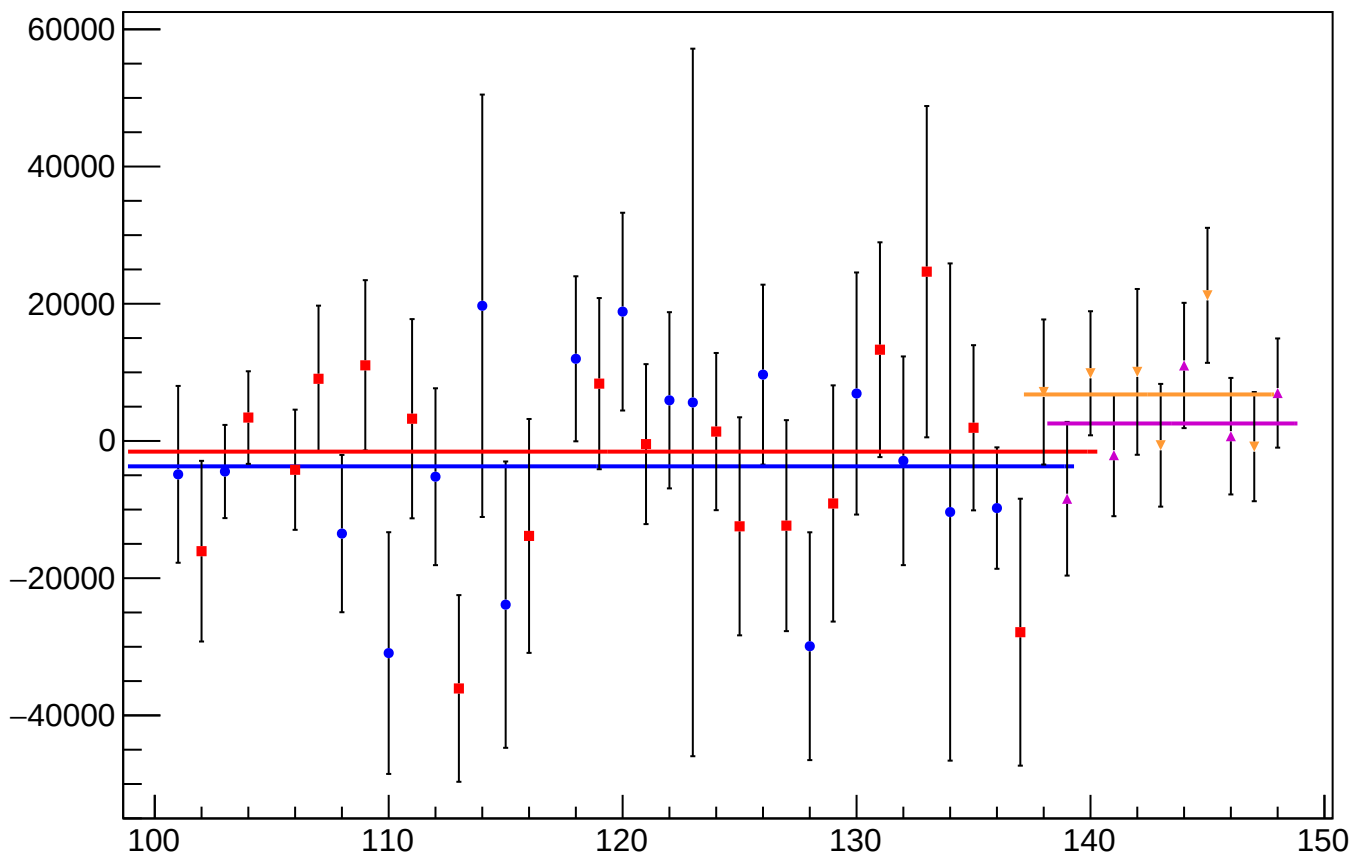
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2615.736 $\pm$ 0.570 χ^2 /NDF:585575.1/21

Out: 2652.849 $\pm$ 0.571 χ^2 /NDF:794760.2/23

All: 2634.272 $\pm$ 0.403 χ^2 /NDF: 1382451.3/45

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 6779.943+/-3873.658 χ^2/NDF : 3.9/5

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: 2549.184+/-4007.969 χ^2/NDF : 2.4/4

Left: 4736.640+/-2785.362 χ^2/NDF : 7.0/10

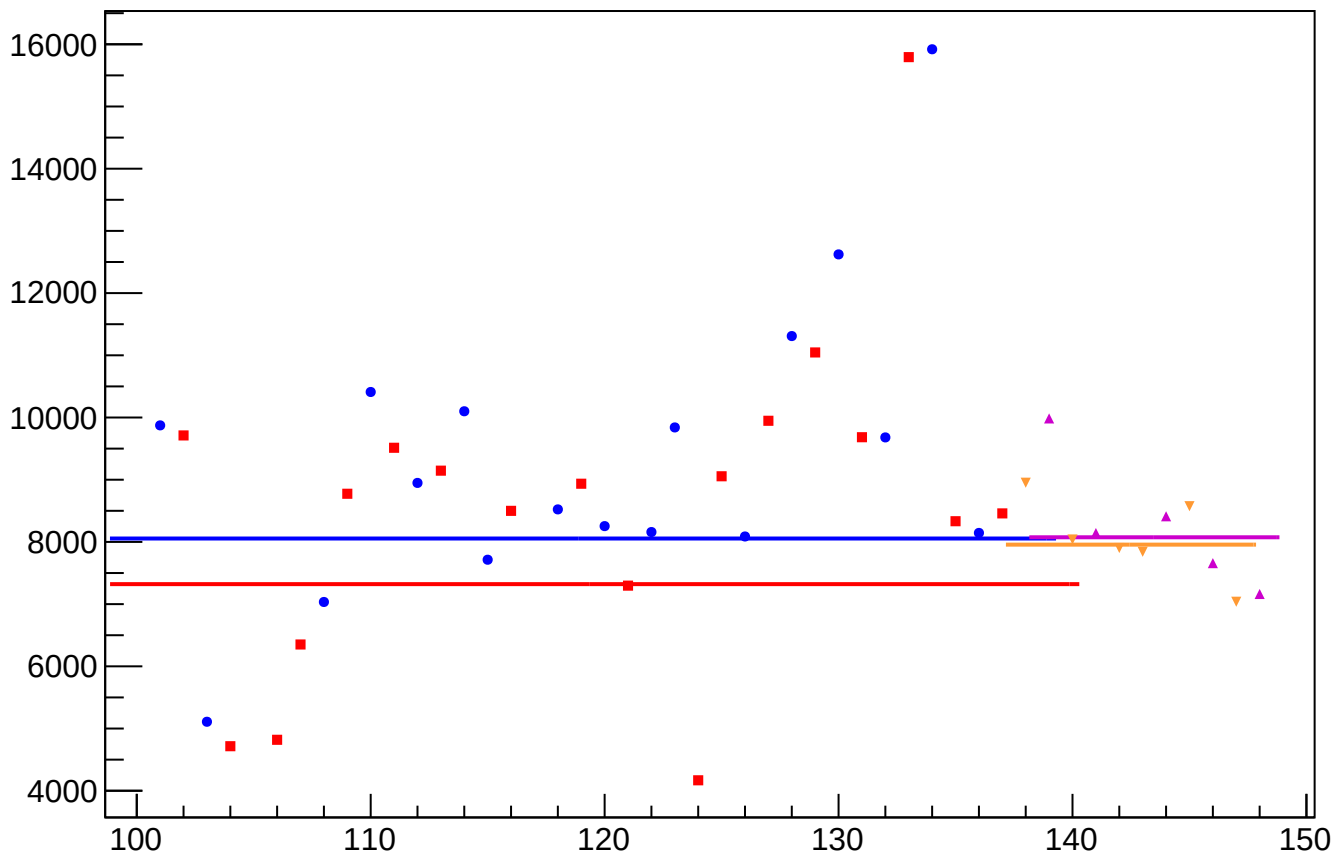
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -1250.377+/-2509.208 χ^2/NDF : 17.7/21

Out: 1453.751+/-2327.532 χ^2/NDF : 23.7/23

All: 203.115+/-1706.430 χ^2/NDF : 42.0/45

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 7956.380+/-2.739 χ^2/NDF : 52768.2/5

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8074.517+/-2.834 χ^2/NDF : 92089.1/4

Left: 8013.436+/-1.970 χ^2/NDF : 145755.7/10

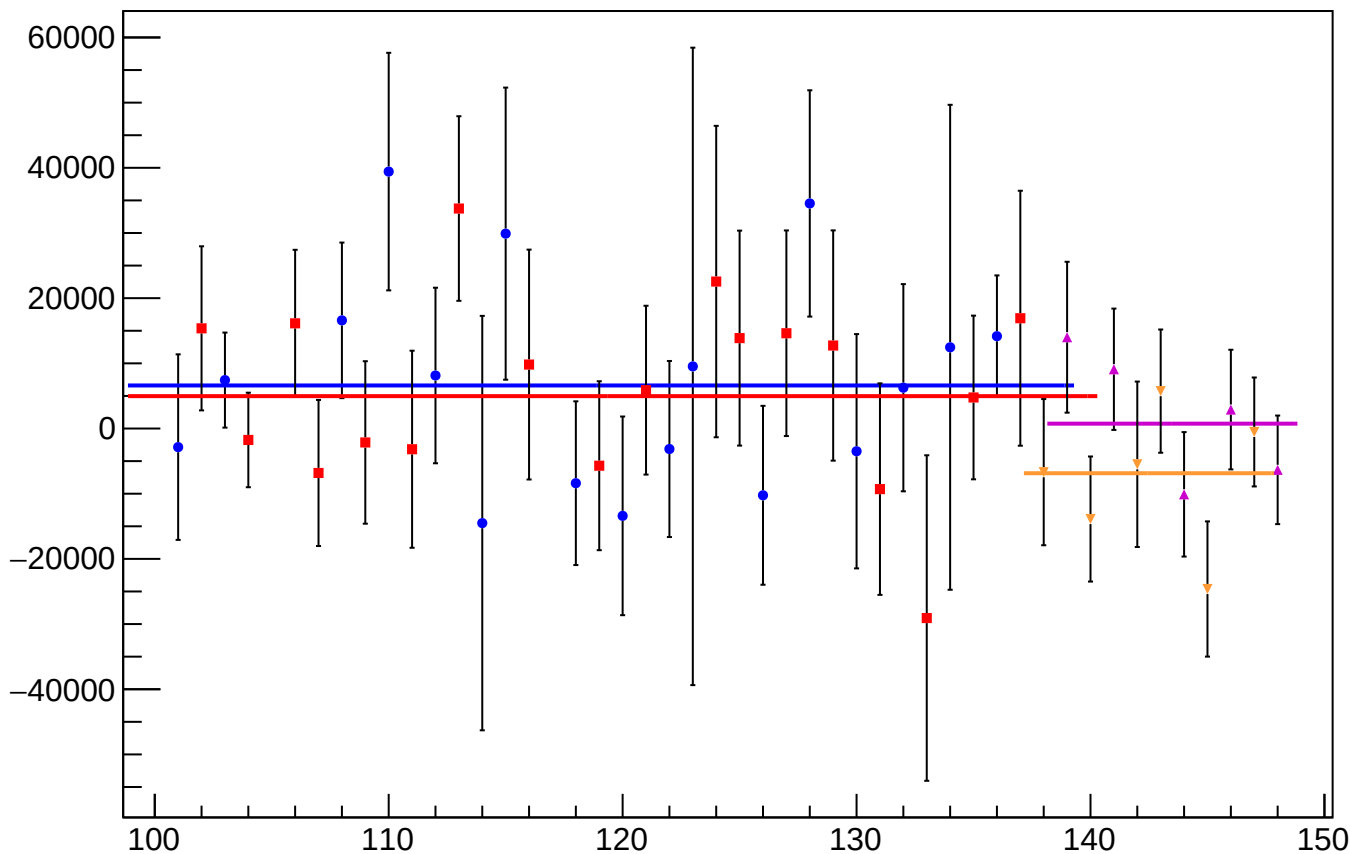
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8062.511+/-1.774 χ^2/NDF : 912882.0/21

Out: 7550.667+/-1.646 χ^2/NDF : 1423060.4/23

All: 7787.391+/-1.207 χ^2/NDF : 2380674.3/45

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -6857.823+/-4088.382 χ^2/NDF : 5.8/5

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 746.100+/-4215.923 χ^2/NDF : 4.2/4

Left: -3172.618+/-2934.977 χ^2/NDF : 11.7/10

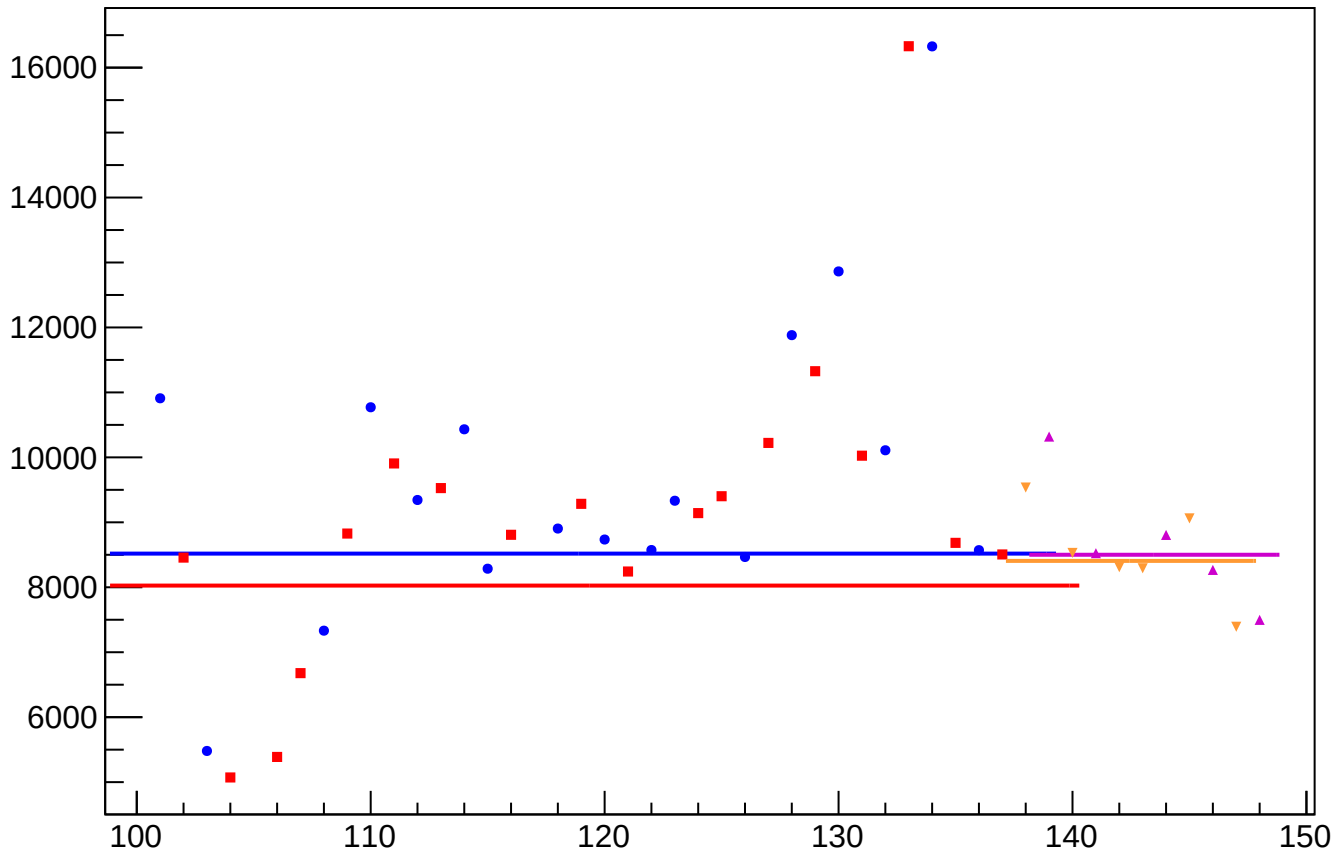
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 4300.930+/-2644.635 χ^2/NDF : 20.1/21

Out: 515.669+/-2508.554 χ^2/NDF : 24.6/23

All: 2308.412+/-1820.022 χ^2/NDF : 45.7/45

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8406.099+/-2.891 χ^2/NDF : 58421.5/5

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8500.510+/-2.981 χ^2/NDF : 81735.3/4

Left: 8451.854+/-2.075 χ^2/NDF : 140673.7/10

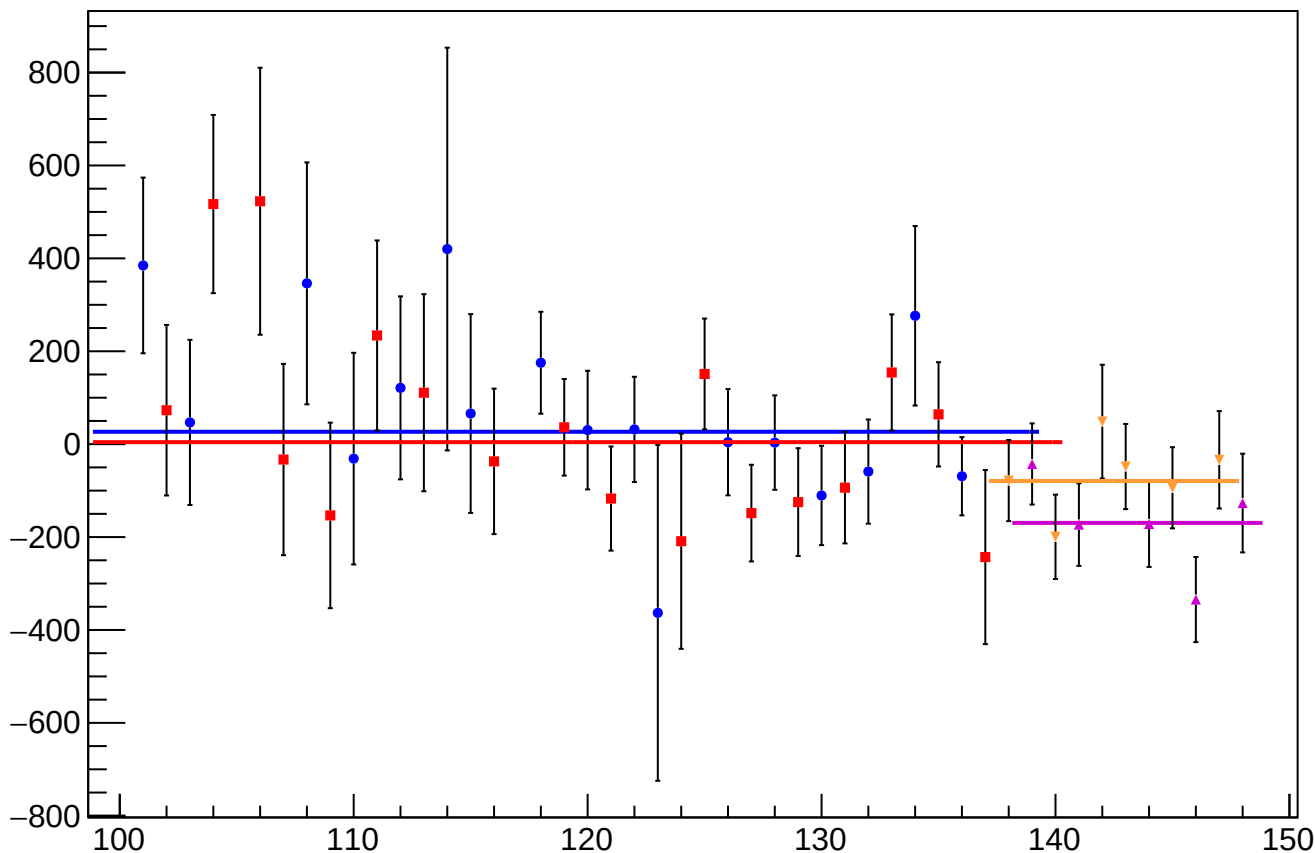
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8511.283+/-1.870 χ^2/NDF : 853751.9/21

Out: 8169.122+/-1.774 χ^2/NDF : 1011855.8/23

All: 8331.169+/-1.287 χ^2/NDF : 1883230.5/45

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -79.251 $\pm$ 38.919 χ^2 /NDF:3.2/5

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -169.475 $\pm$ 41.451 χ^2 /NDF:5.5/4

Left: -121.523 $\pm$ 28.373 χ^2 /NDF: 11.2/10

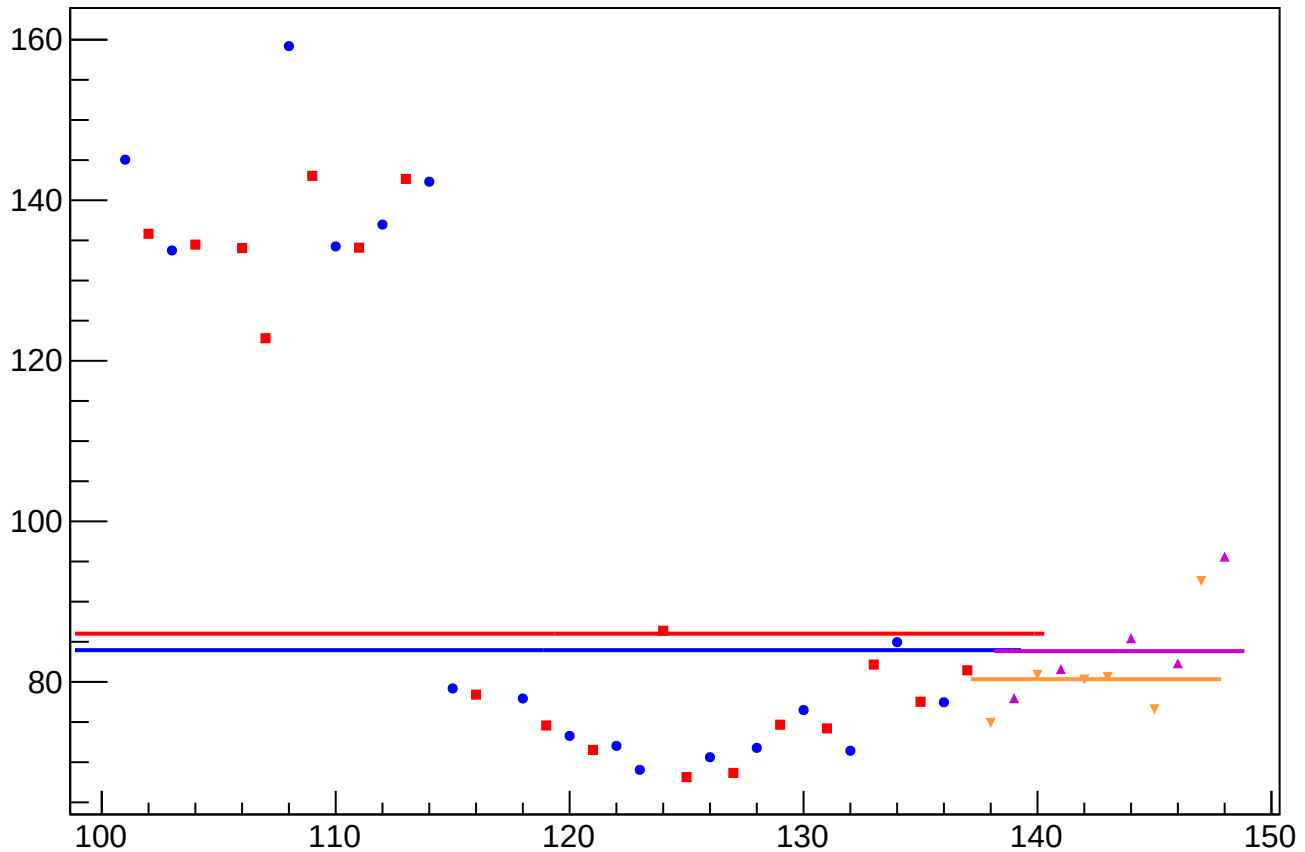
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -51.153 $\pm$ 26.114 χ^2 /NDF:33.6/21

Out: -31.653 $\pm$ 25.537 χ^2 /NDF:29.7/23

All: -41.185 $\pm$ 18.258 χ^2 /NDF: 63.6/45

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961±/0.024 χ^2/NDF : 960253.6/16

Left Out: 80.342±/0.028 χ^2/NDF :38808.3/5

Right Out: 86.012±/0.024 χ^2/NDF : 1026404.0/17

Left In: 83.842±/0.029 χ^2/NDF :35961.4/4

Left: 81.982±/0.020 χ^2/NDF : 82348.2/10

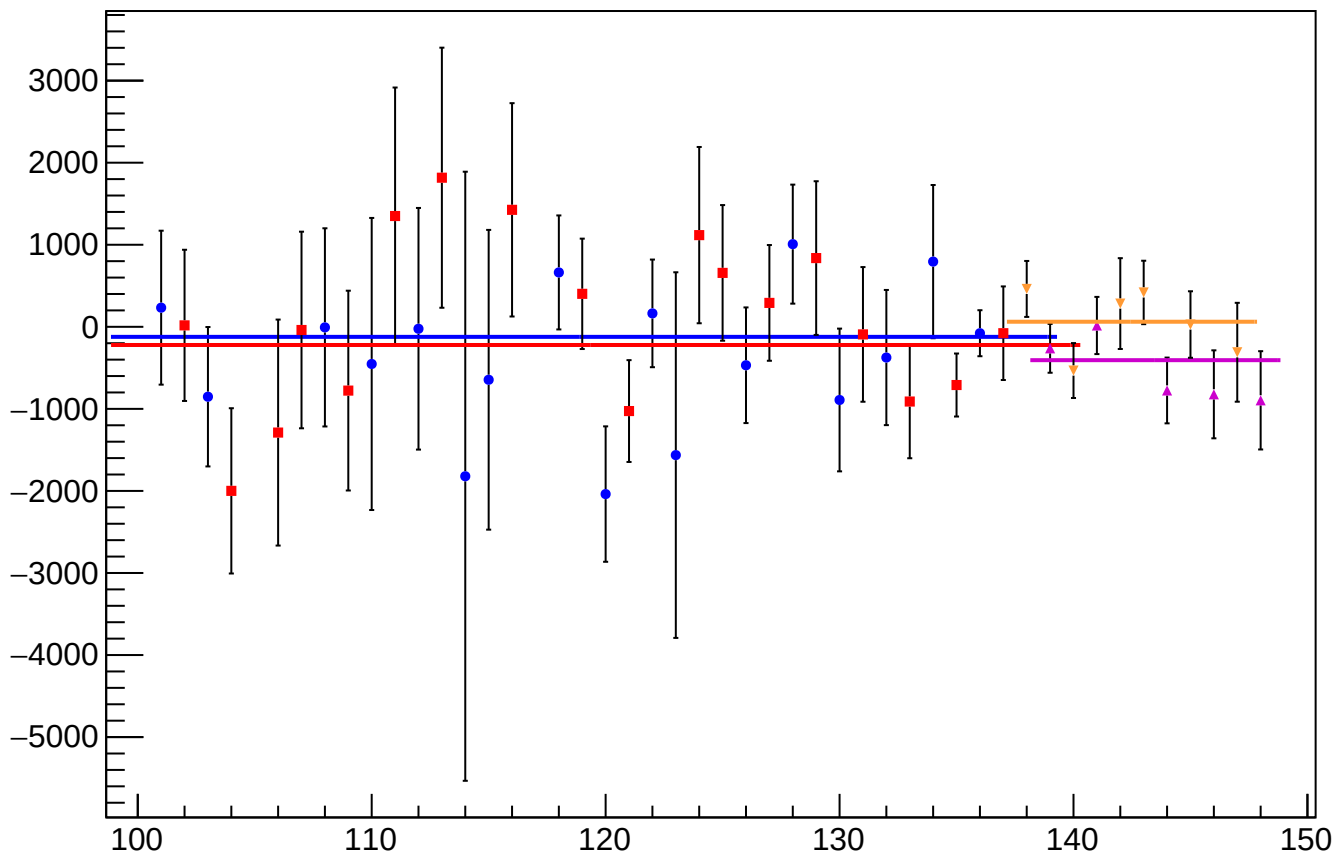
Right: 84.980±/0.017 χ^2/NDF : 1990355.7/34

In: 83.914±/0.018 χ^2/NDF :996224.8/21

Out: 83.571±/0.018 χ^2/NDF :1089384.1/23

All: 83.738±/0.013 χ^2/NDF : 2085785.1/45

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 61.939 ± 165.898 $\chi^2/\text{NDF}: 5.9/5$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -406.555 ± 176.694 $\chi^2/\text{NDF}: 3.8/4$

Left: -157.558 ± 120.944 $\chi^2/\text{NDF}: 13.5/10$

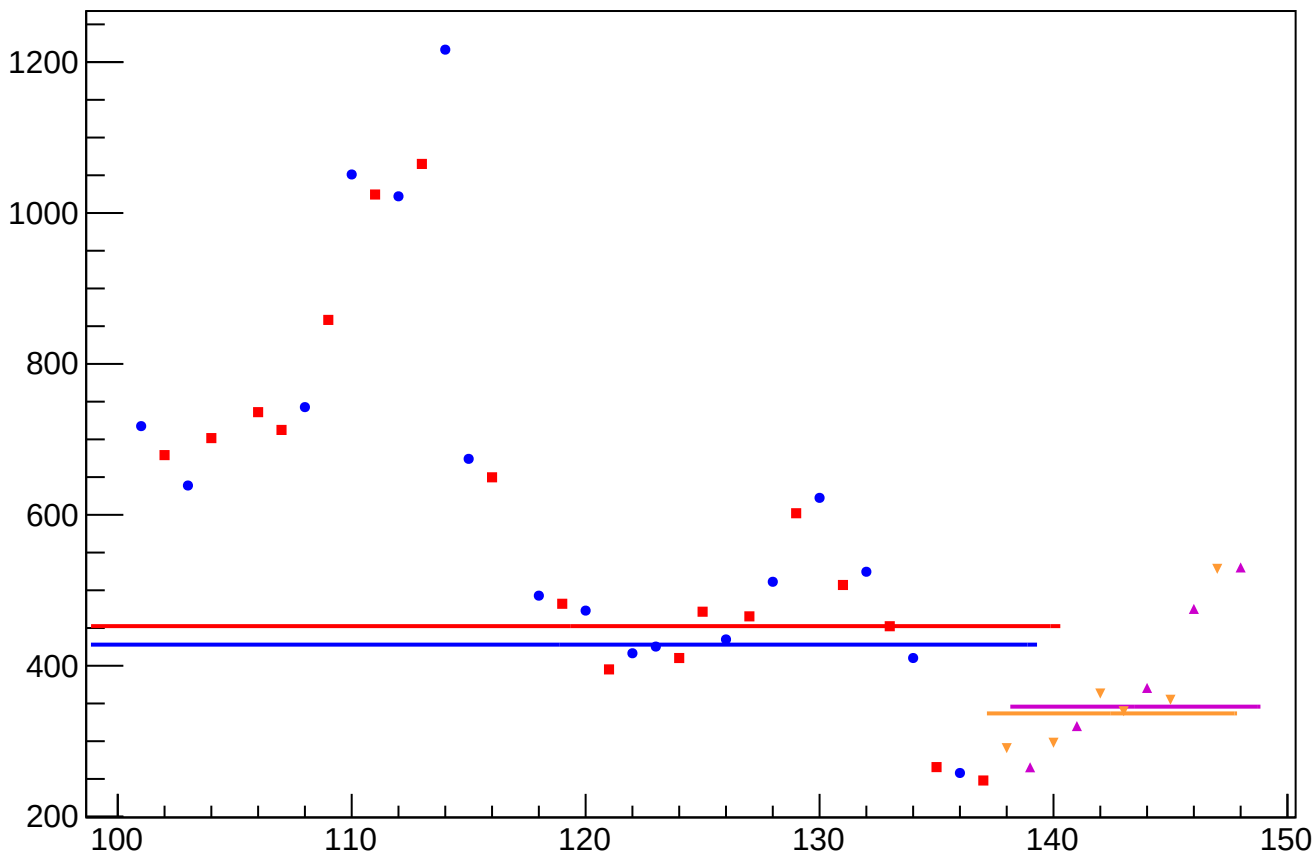
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -266.790 ± 125.952 $\chi^2/\text{NDF}: 18.1/21$

Out: -64.333 ± 123.540 $\chi^2/\text{NDF}: 25.3/23$

All: -163.604 ± 88.196 $\chi^2/\text{NDF}: 44.7/45$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 ± 0.127 χ^2/NDF : 2062245.9/16

Left Out: 336.829 ± 0.117 χ^2/NDF : 274338.6/5

Right Out: 452.508 ± 0.131 χ^2/NDF : 2073032.9/17

Left In: 345.795 ± 0.125 χ^2/NDF : 471003.1/4

Left: 341.030 ± 0.086 χ^2/NDF : 748078.5/10

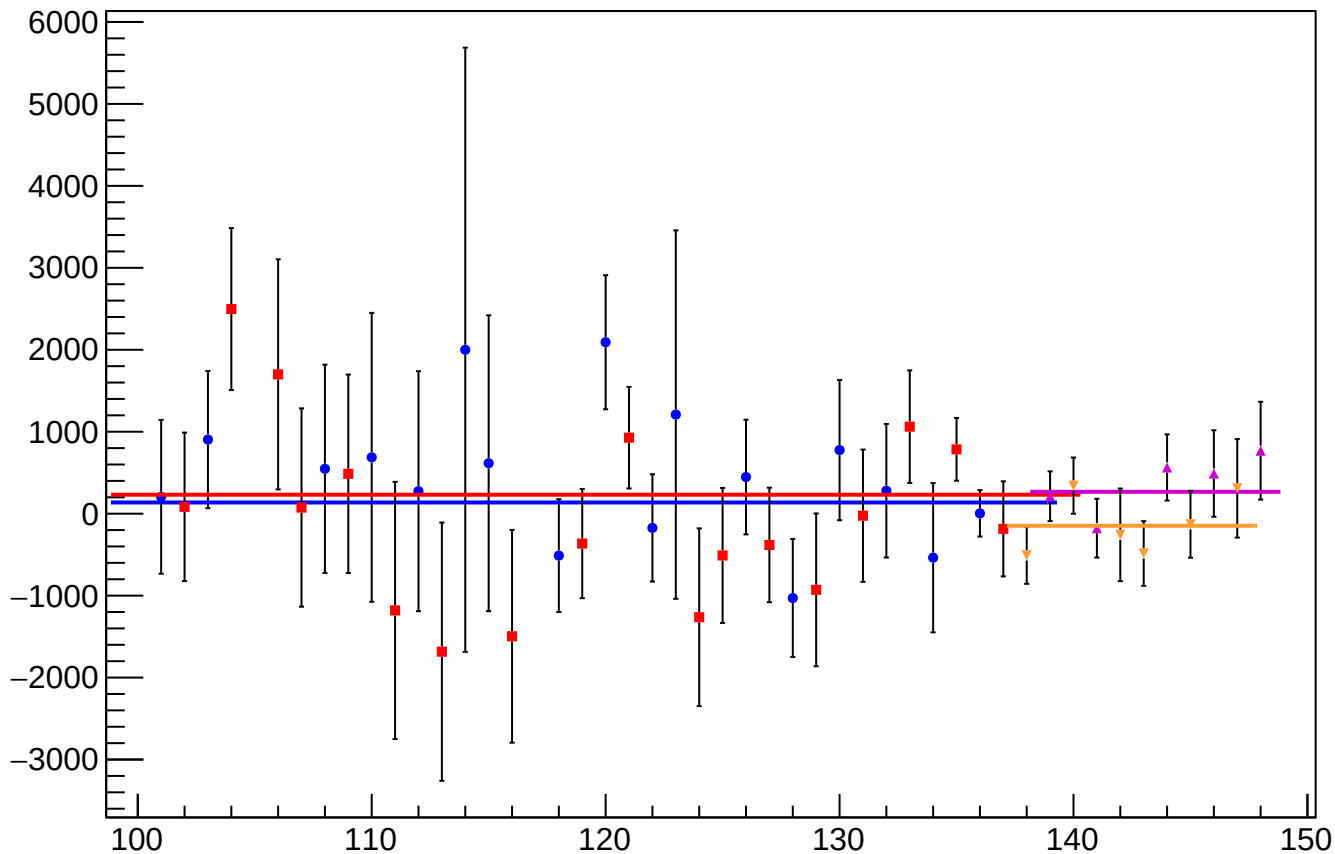
Right: 439.876 ± 0.091 χ^2/NDF : 4153360.2/34

In: 386.223 ± 0.089 χ^2/NDF : 2746107.4/21

Out: 388.359 ± 0.087 χ^2/NDF : 2780546.5/23

All: 387.312 ± 0.062 χ^2/NDF : 5526947.2/45

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -147.359 $\pm$ 168.717 χ^2 /NDF:4.5/5

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 266.846 $\pm$ 179.134 χ^2 /NDF:3.0/4

Left: 47.351 $\pm$ 122.819 χ^2 /NDF: 10.3/10

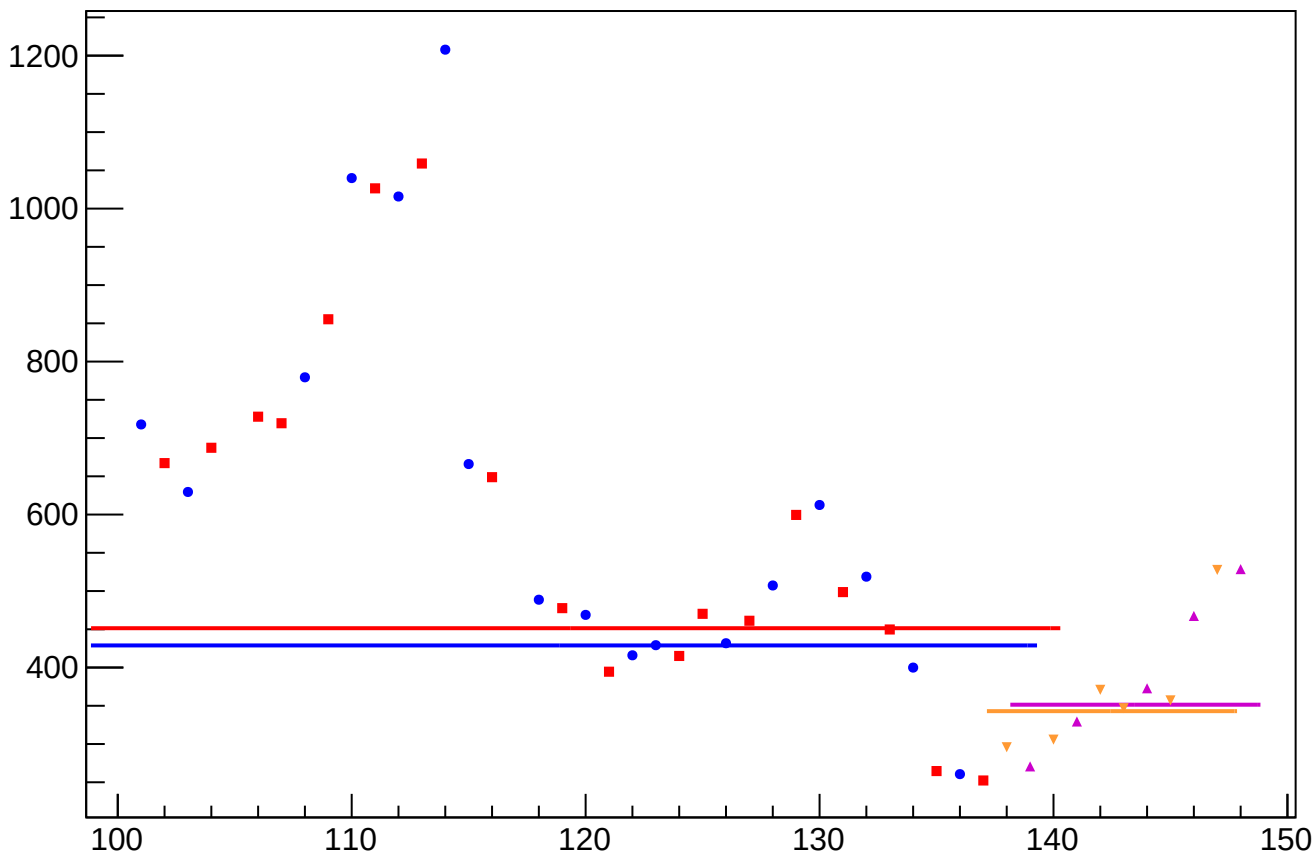
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 202.000 $\pm$ 126.834 χ^2 /NDF:15.9/21

Out: 25.136 $\pm$ 124.532 χ^2 /NDF:28.5/23

All: 111.948 $\pm$ 88.860 χ^2 /NDF: 45.4/45

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 342.966+/-0.119 χ^2/NDF : 256753.3/5

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 351.400+/-0.127 χ^2/NDF : 427650.9/4

Left: 346.931+/-0.087 χ^2/NDF : 686753.4/10

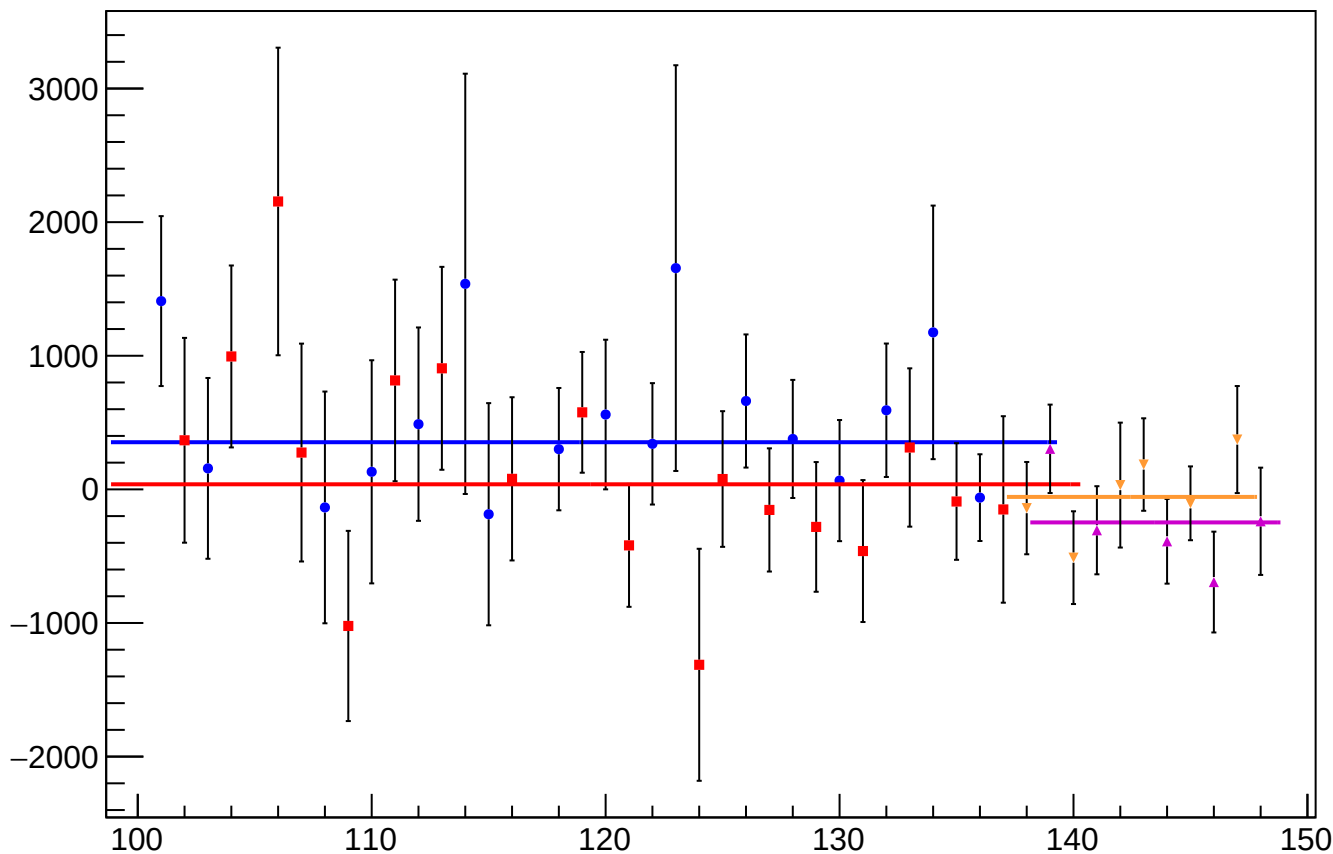
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 390.042+/-0.090 χ^2/NDF : 2624872.2/21

Out: 392.330+/-0.088 χ^2/NDF : 2663616.2/23

All: 391.207+/-0.063 χ^2/NDF : 5288819.6/45

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: -56.488 $\pm$ 142.943 χ^2 /NDF:3.5/5

Right Out: 37.982 $\pm$ 139.023 χ^2 /NDF: 16.9/17

Left In: -247.351 $\pm$ 155.196 χ^2 /NDF:4.4/4

Left: -144.089 $\pm$ 105.141 χ^2 /NDF: 8.7/10

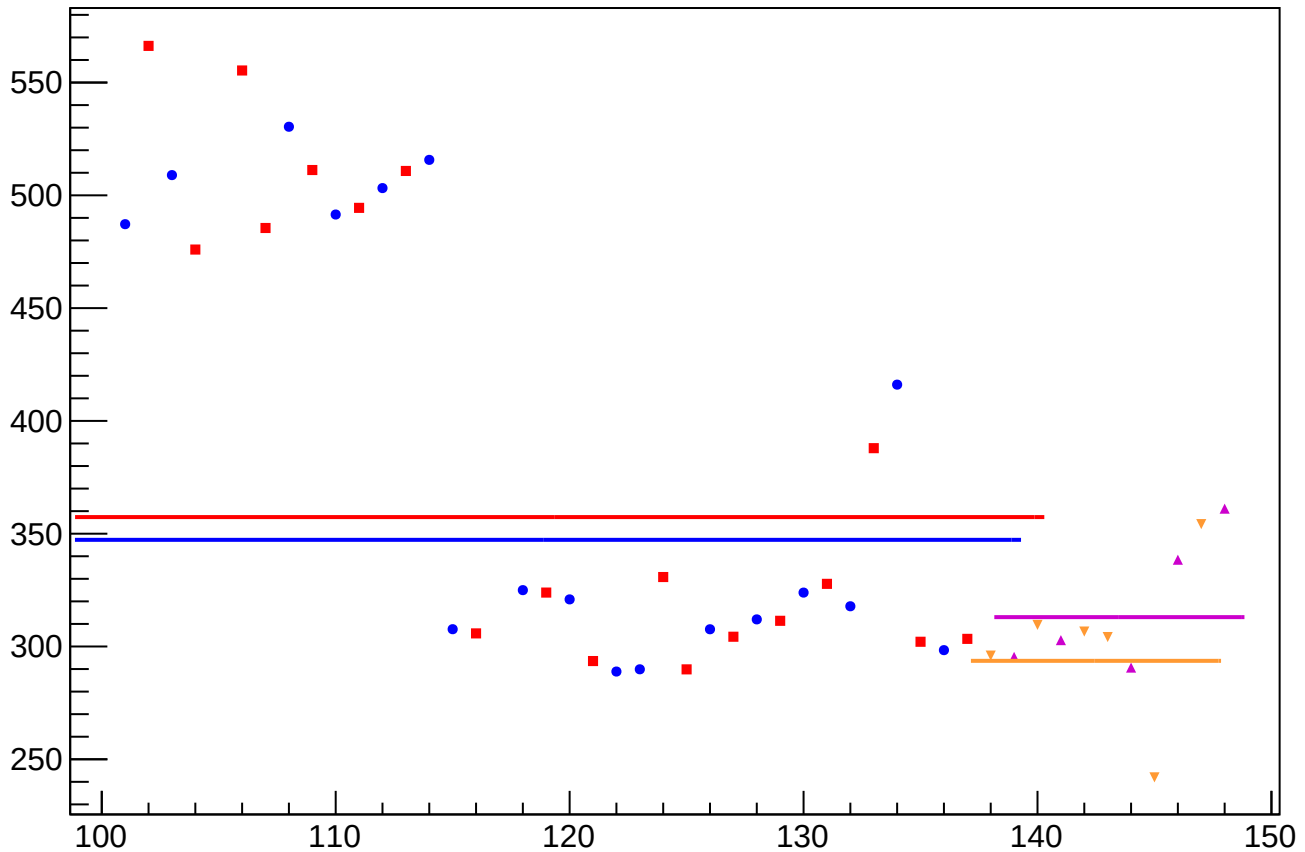
Right: 197.421 $\pm$ 97.689 χ^2 /NDF: 28.1/34

In: 89.382 $\pm$ 102.833 χ^2 /NDF:21.3/21

Out: -7.940 $\pm$ 99.661 χ^2 /NDF:20.6/23

All: 39.197 $\pm$ 71.566 χ^2 /NDF: 42.4/45

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 293.639 $\pm$ 0.101 χ^2/NDF :123406.1/5

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 313.012 $\pm$ 0.110 χ^2/NDF :55350.5/4

Left: 302.531 $\pm$ 0.074 χ^2/NDF : 195618.3/10

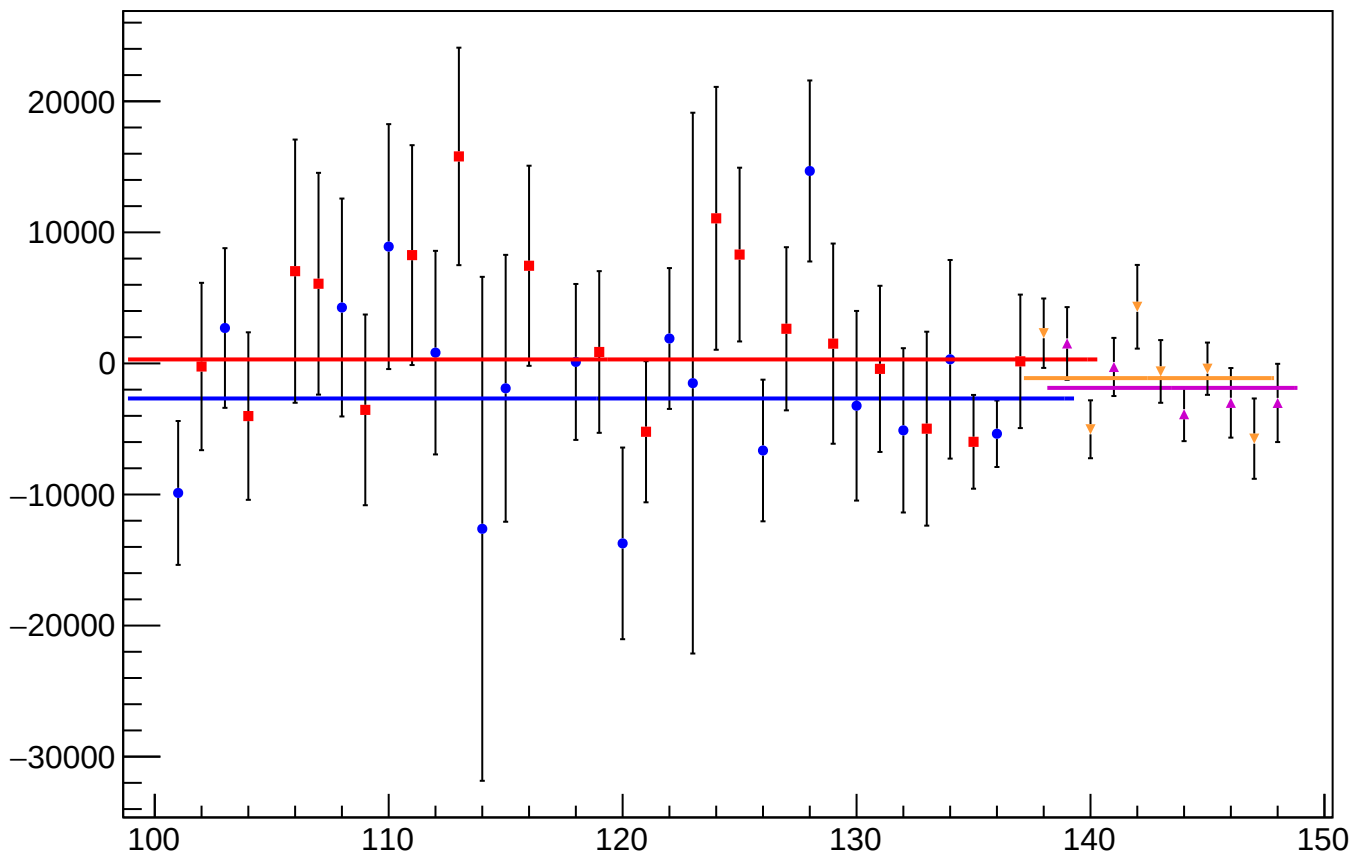
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 332.235 $\pm$ 0.073 χ^2/NDF :728953.9/21

Out: 326.388 $\pm$ 0.070 χ^2/NDF :1087617.0/23

All: 329.220 $\pm$ 0.051 χ^2/NDF : 1819905.7/45

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1119.804+/-1011.122 χ^2/NDF : 10.1/5

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -1866.333+/-1101.445 χ^2/NDF : 3.3/4

Left: -1461.209+/-744.859 χ^2/NDF : 13.7/10

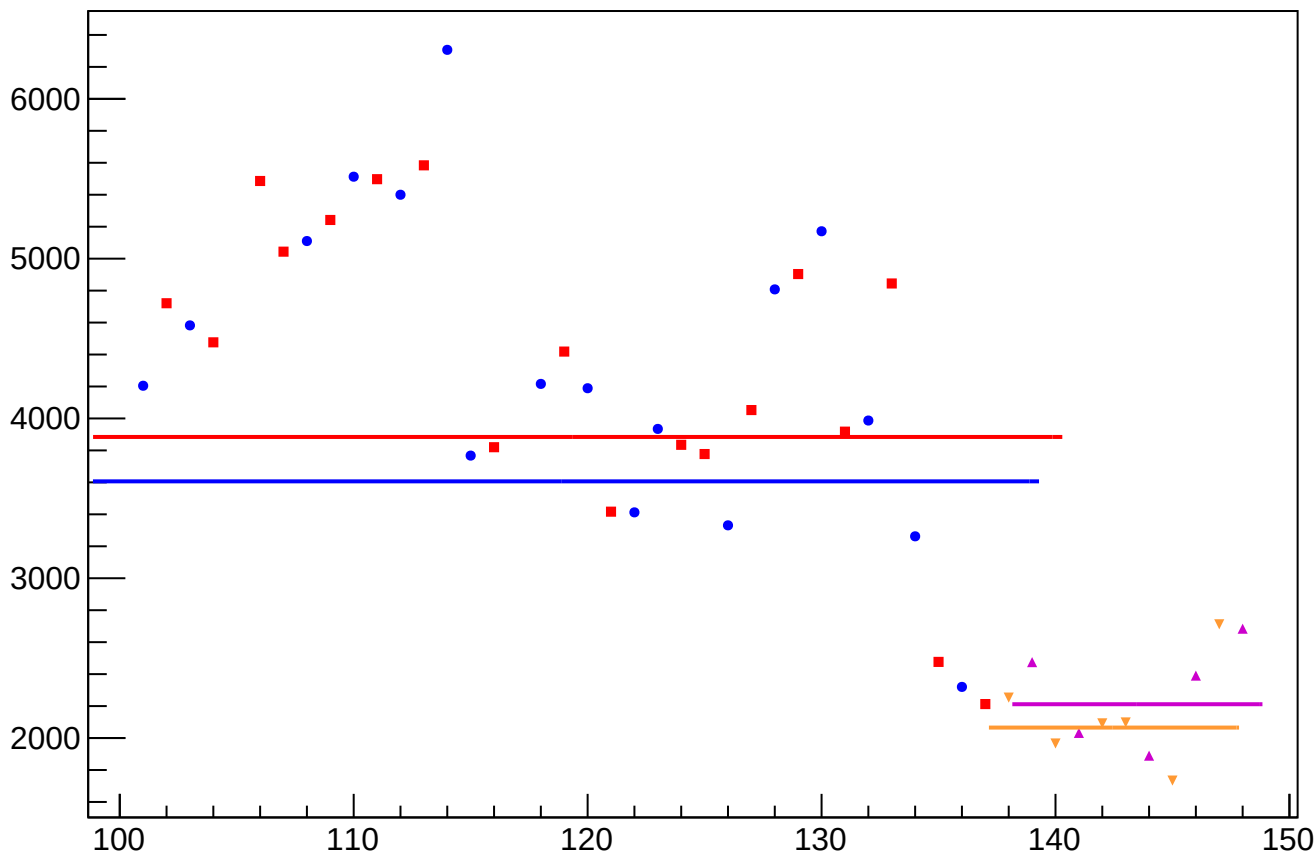
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -2160.267+/-878.454 χ^2/NDF : 20.2/21

Out: -681.919+/-841.500 χ^2/NDF : 25.1/23

All: -1389.345+/-607.675 χ^2/NDF : 46.8/45

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2 /NDF: 1092516.6/16

Left Out: 2065.498 $\pm$ 0.715 χ^2 /NDF:158834.9/5

Right Out: 3884.203 $\pm$ 1.073 χ^2 /NDF: 994574.5/17

Left In: 2211.655 $\pm$ 0.779 χ^2 /NDF:139473.5/4

Left: 2132.339 $\pm$ 0.527 χ^2 /NDF: 317419.5/10

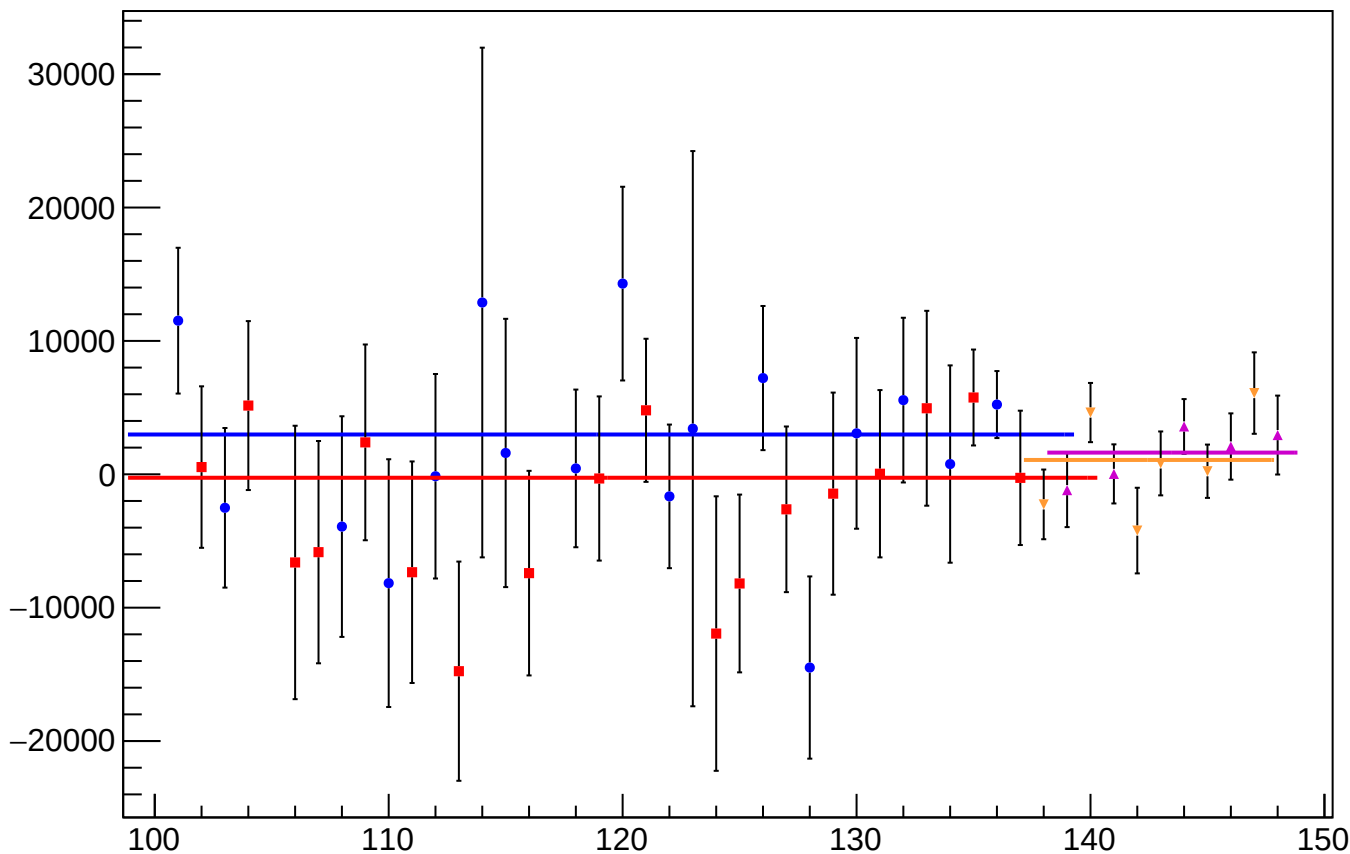
Right: 3739.524 $\pm$ 0.743 χ^2 /NDF: 2121988.0/34

In: 2719.213 $\pm$ 0.621 χ^2 /NDF:2398995.3/21

Out: 2624.512 $\pm$ 0.595 χ^2 /NDF:3142286.9/23

All: 2669.829 $\pm$ 0.430 χ^2 /NDF: 5553403.1/45

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1074.792+/-1011.063 χ^2/NDF : 9.8/5

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 1625.818+/-1086.089 χ^2/NDF : 2.7/4

Left: 1330.617+/-740.033 χ^2/NDF : 12.6/10

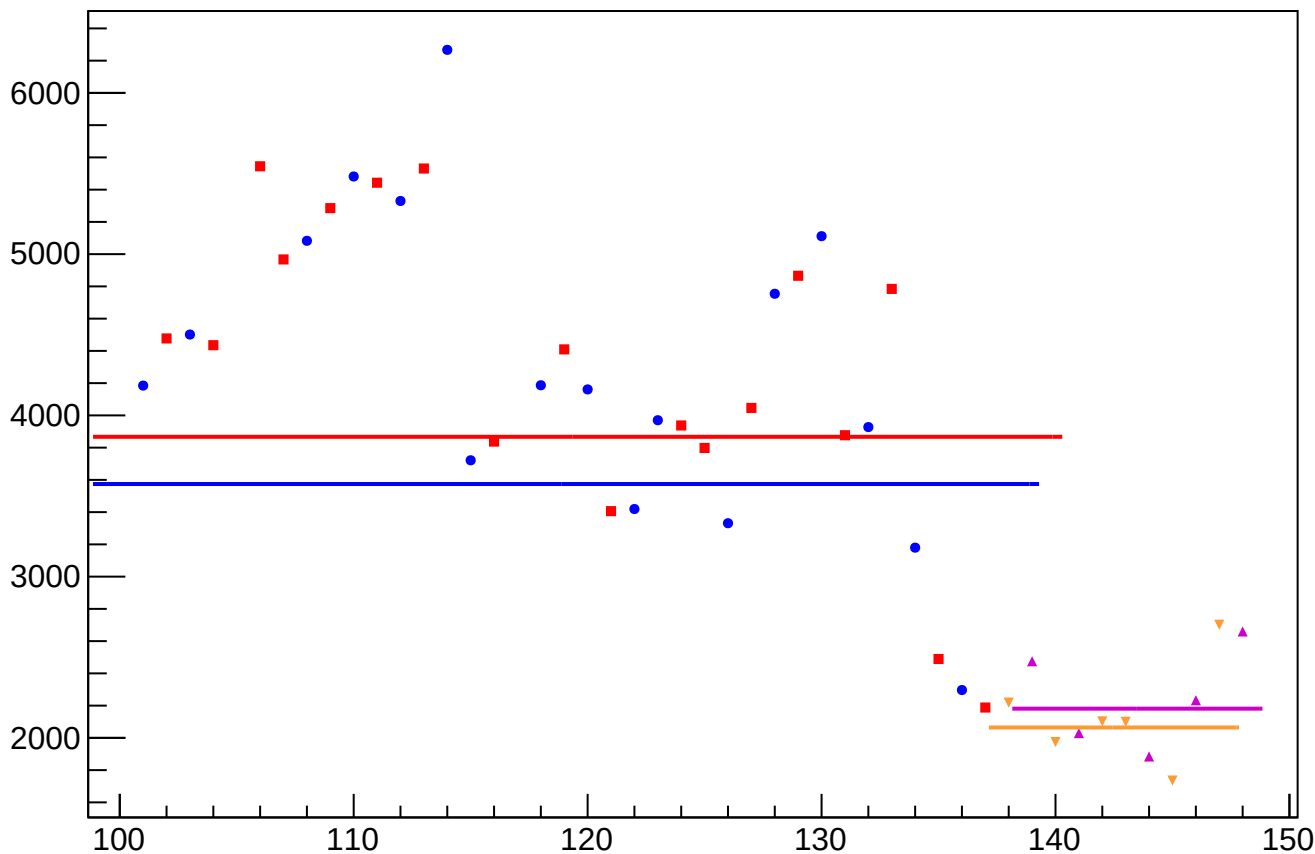
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 2116.567+/-867.899 χ^2/NDF : 20.7/21

Out: 661.821+/-840.184 χ^2/NDF : 23.8/23

All: 1365.596+/-603.660 χ^2/NDF : 46.0/45

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2064.427 $\pm$ 0.715 χ^2 /NDF:152350.4/5

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2181.155 $\pm$ 0.768 χ^2 /NDF:126921.7/4

Left: 2118.621 $\pm$ 0.523 χ^2 /NDF: 291648.6/10

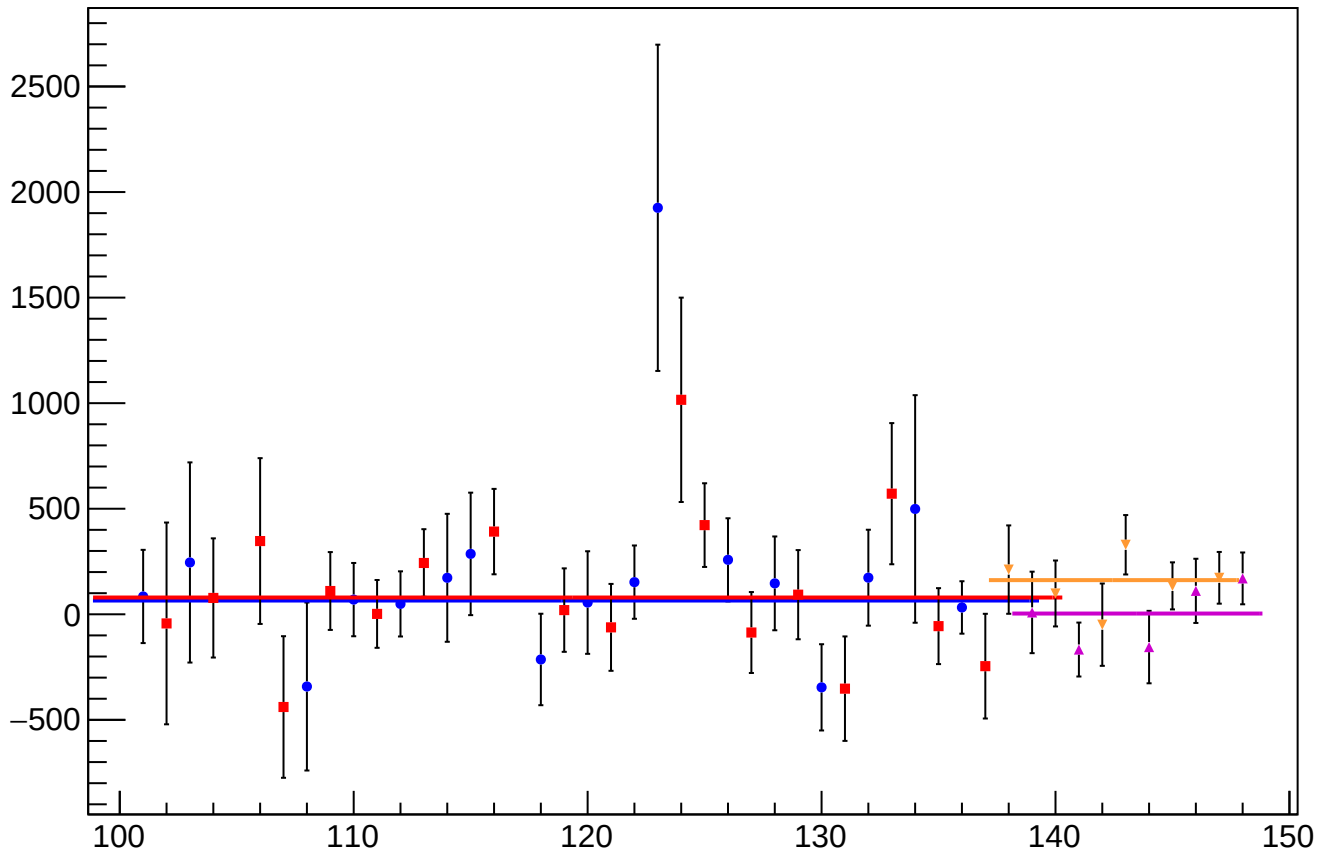
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2684.705 $\pm$ 0.614 χ^2 /NDF:2407751.0/21

Out: 2622.313 $\pm$ 0.594 χ^2 /NDF:3088229.3/23

All: 2652.497 $\pm$ 0.427 χ^2 /NDF: 5501316.0/45

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 161.816+/-58.939 χ^2/NDF : 2.9/5

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: 3.552+/-65.685 χ^2/NDF : 5.0/4

Left: 91.225+/-43.868 χ^2/NDF : 11.1/10

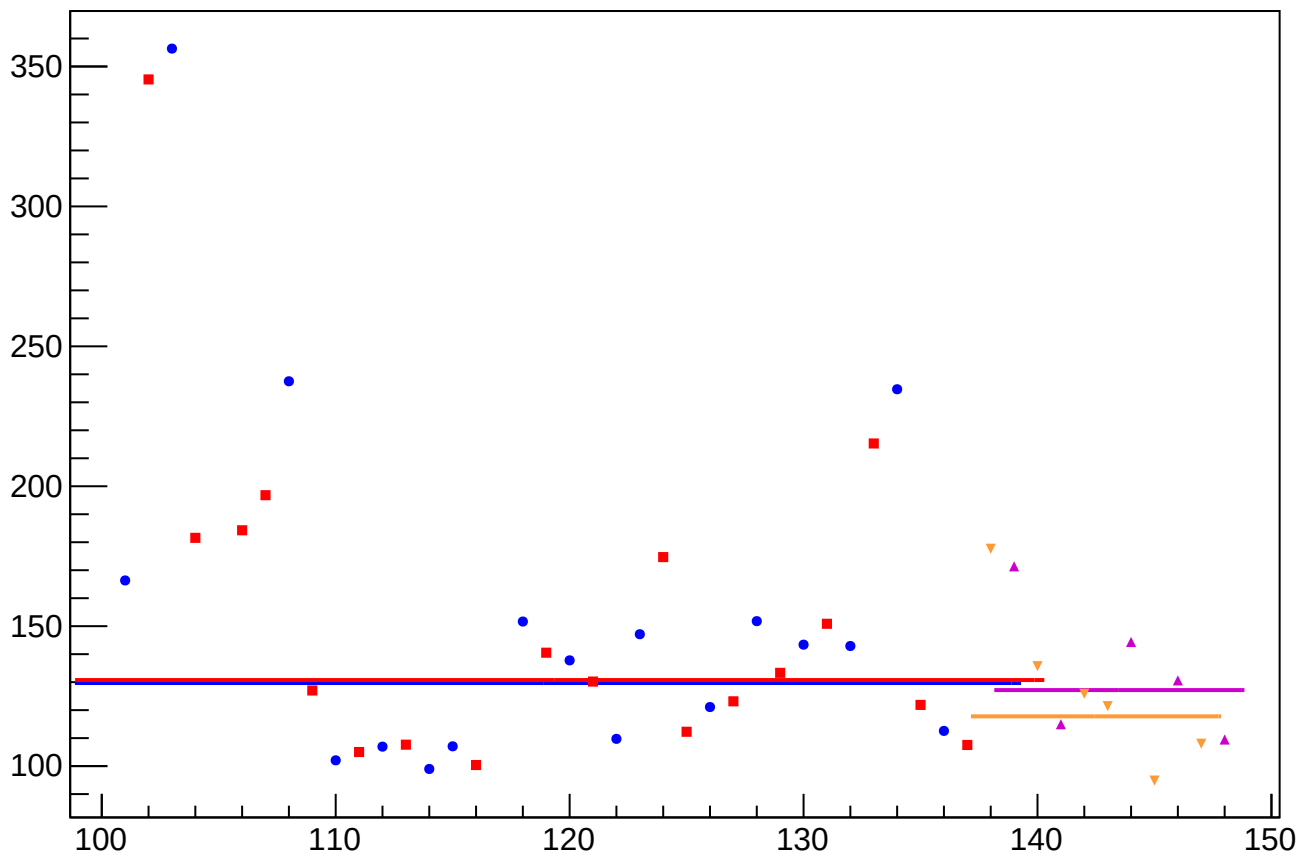
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 41.072+/-41.106 χ^2/NDF : 21.2/21

Out: 115.781+/-39.138 χ^2/NDF : 26.1/23

All: 80.258+/-28.345 χ^2/NDF : 49.1/45

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 117.778 $\pm$ 0.042 χ^2 /NDF:292559.8/5

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 127.166 $\pm$ 0.046 χ^2 /NDF:185841.1/4

Left: 121.965 $\pm$ 0.031 χ^2 /NDF: 501031.1/10

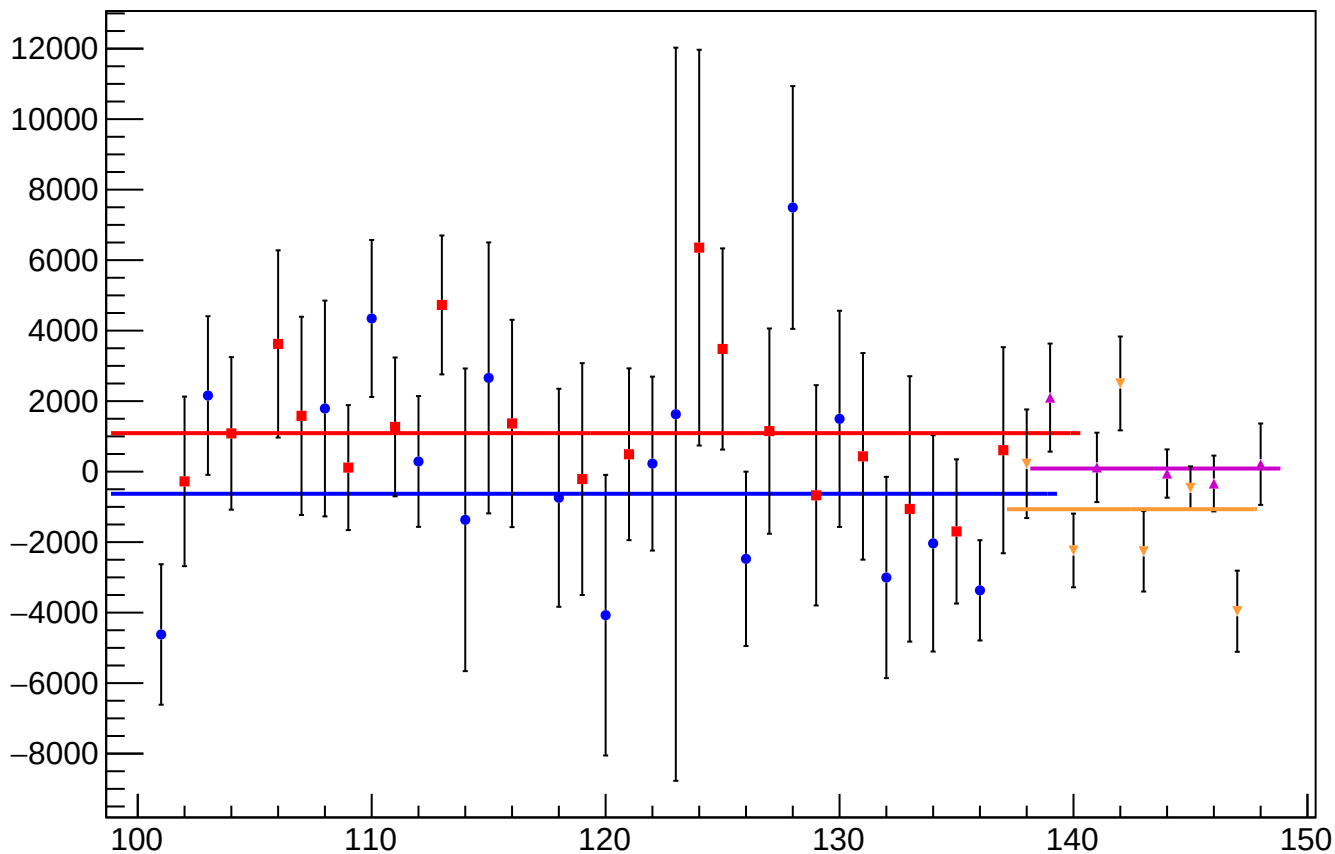
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 128.705 $\pm$ 0.029 χ^2 /NDF:1177330.2/21

Out: 125.031 $\pm$ 0.028 χ^2 /NDF:1274266.9/23

All: 126.778 $\pm$ 0.020 χ^2 /NDF: 2459979.8/45

asym_sam3_correction_mean vs Slug, Sign Corrected



Left: -496.926 +/- 288.202 χ^2/NDF : 23.6/10

Right: 262.874 +/- 431.468 χ^2/NDF : 37.6/34

In: -129.620 +/- 342.486 χ^2/NDF : 27.3/21

Out: -390.021 +/- 335.472 χ^2/NDF : 35.8/23

All: -262.514 +/- 239.656 χ^2/NDF : 63.4/45

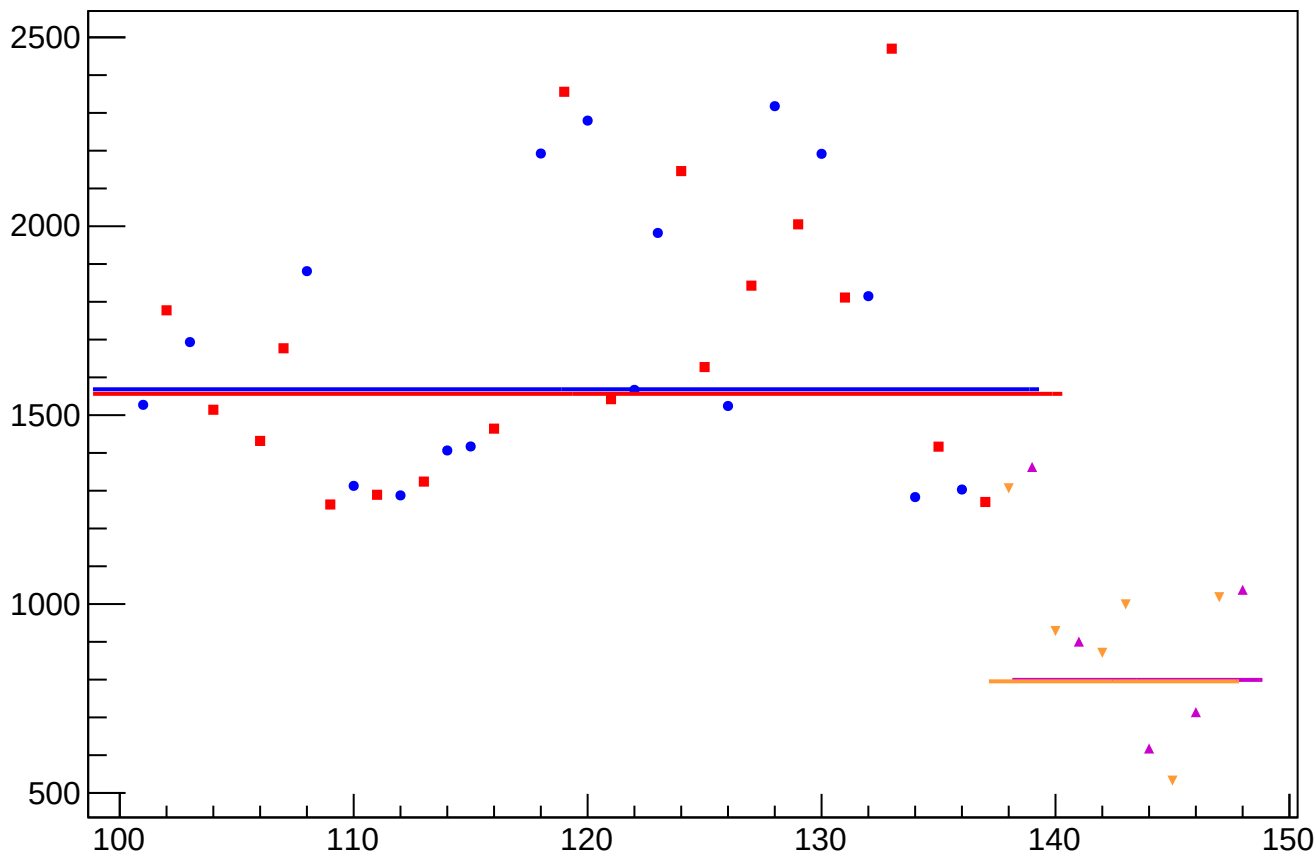
Right In: -628.175 +/- 621.486 χ^2/NDF : 24.3/16

Left Out: -1065.696 +/- 404.787 χ^2/NDF : 17.5/5

Right Out: 1091.945 +/- 599.483 χ^2/NDF : 9.4/17

Left In: 87.814 +/- 410.430 χ^2/NDF : 2.1/4

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 795.427 $\pm$ 0.286 χ^2 /NDF: 767747.9/5

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 799.256 $\pm$ 0.290 χ^2 /NDF: 540640.5/4

Left: 797.315 $\pm$ 0.204 χ^2 /NDF: 1308476.6/10

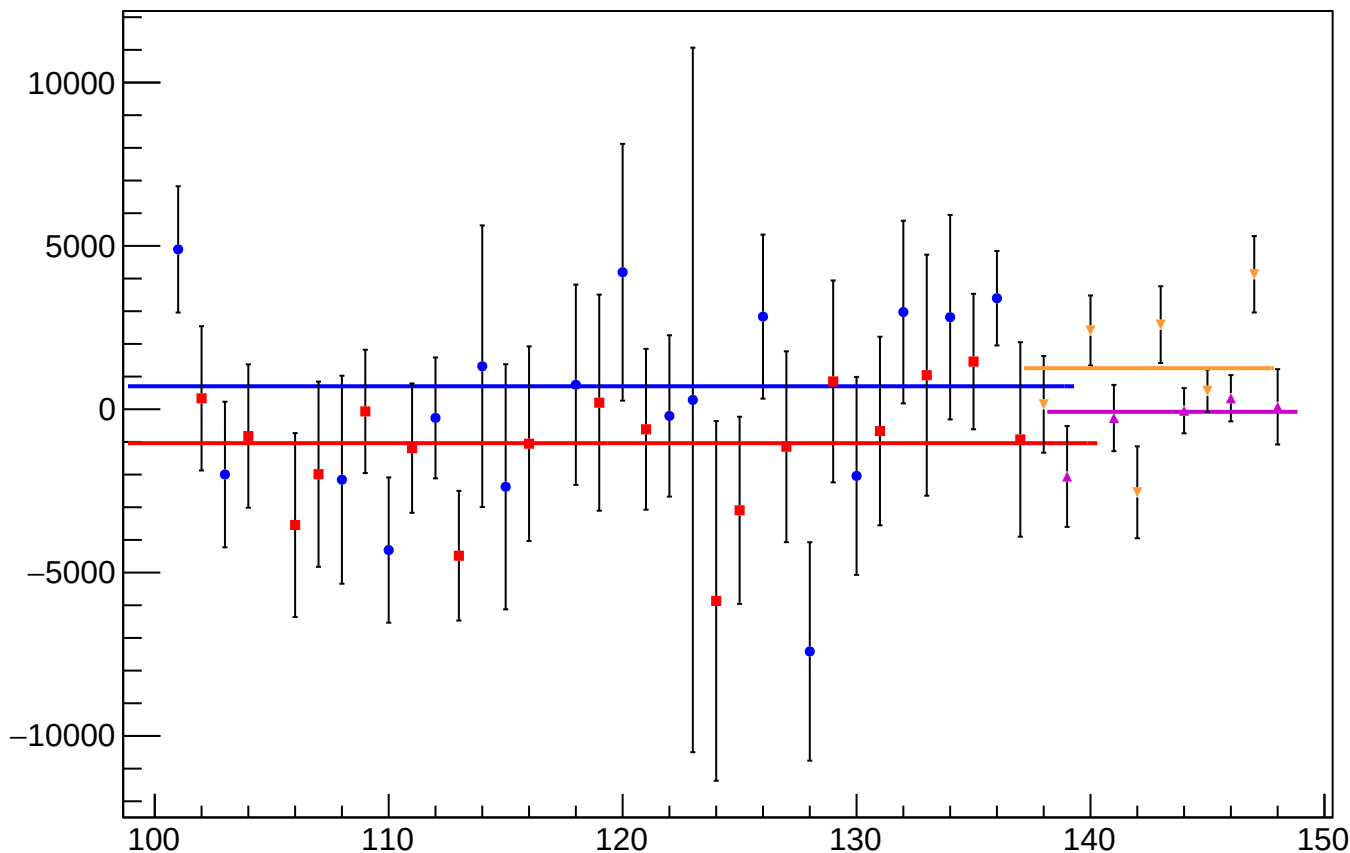
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1032.857 $\pm$ 0.242 χ^2 /NDF: 3208269.2/21

Out: 1033.737 $\pm$ 0.237 χ^2 /NDF: 3491808.7/23

All: 1033.306 $\pm$ 0.169 χ^2 /NDF: 6700084.6/45

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1256.934+/-420.552 χ^2/NDF : 17.5/5

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -78.757+/-400.963 χ^2/NDF : 2.0/4

Left: 557.258+/-290.202 χ^2/NDF : 24.8/10

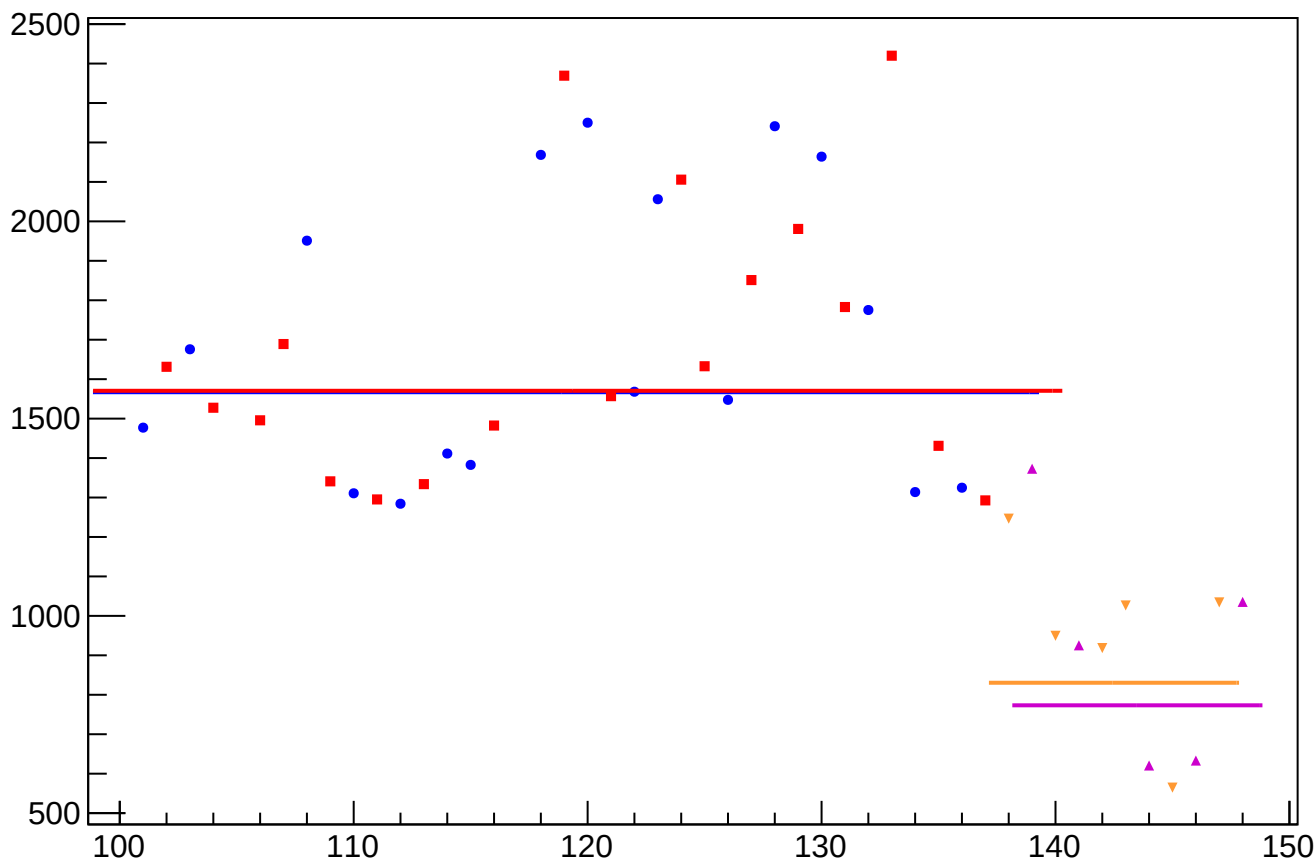
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 151.476+/-336.789 χ^2/NDF : 29.1/21

Out: 507.895+/-345.179 χ^2/NDF : 35.4/23

All: 325.302+/-241.057 χ^2/NDF : 65.1/45

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 830.481 $\pm$ 0.297 χ^2 /NDF: 641115.3/5

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 773.284 $\pm$ 0.284 χ^2 /NDF: 625196.3/4

Left: 800.519 $\pm$ 0.205 χ^2 /NDF: 1285691.0/10

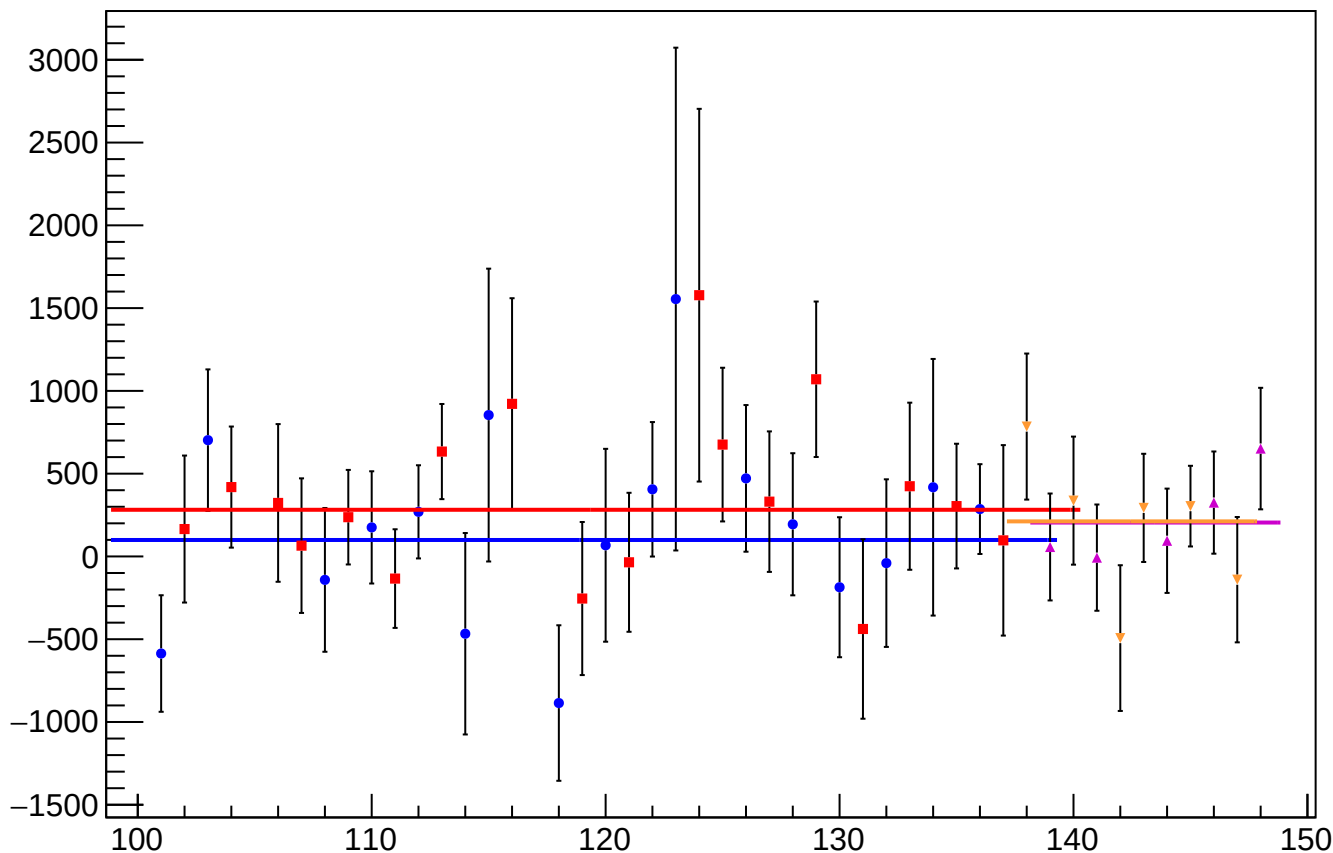
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1007.004 $\pm$ 0.238 χ^2 /NDF: 3432572.1/21

Out: 1071.986 $\pm$ 0.244 χ^2 /NDF: 3101477.1/23

All: 1038.696 $\pm$ 0.170 χ^2 /NDF: 6570361.8/45

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 211.792 $\pm$ 141.171 χ^2 /NDF:5.4/5

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 204.737 $\pm$ 145.410 χ^2 /NDF:2.4/4

Left: 208.368 $\pm$ 101.289 χ^2 /NDF: 7.8/10

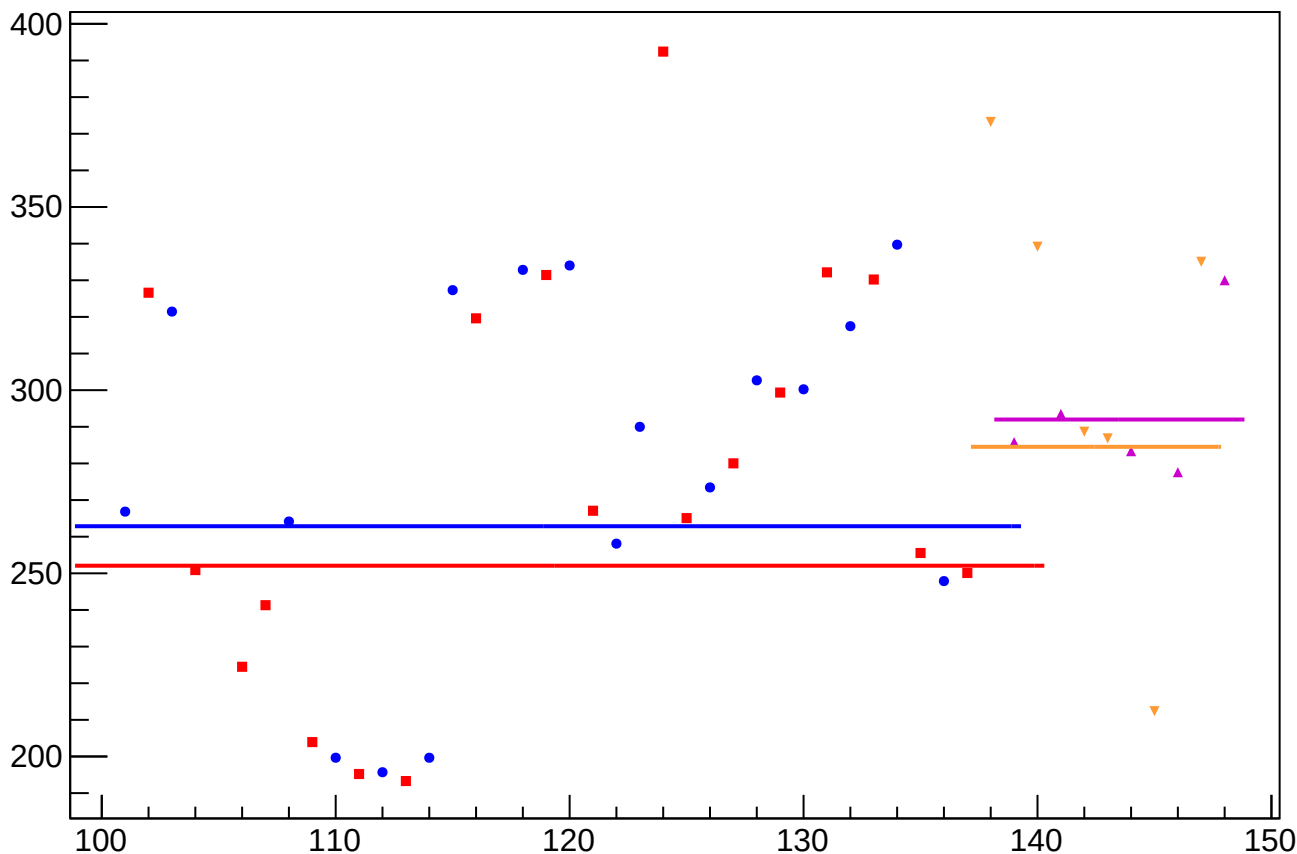
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 134.796 $\pm$ 84.301 χ^2 /NDF:18.7/21

Out: 259.092 $\pm$ 80.437 χ^2 /NDF:19.3/23

All: 199.858 $\pm$ 58.196 χ^2 /NDF: 39.1/45

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 284.539+/-0.100 χ^2/NDF : 332153.9/5

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 291.985+/-0.103 χ^2/NDF : 28086.4/4

Left: 288.152+/-0.072 χ^2/NDF : 362940.3/10

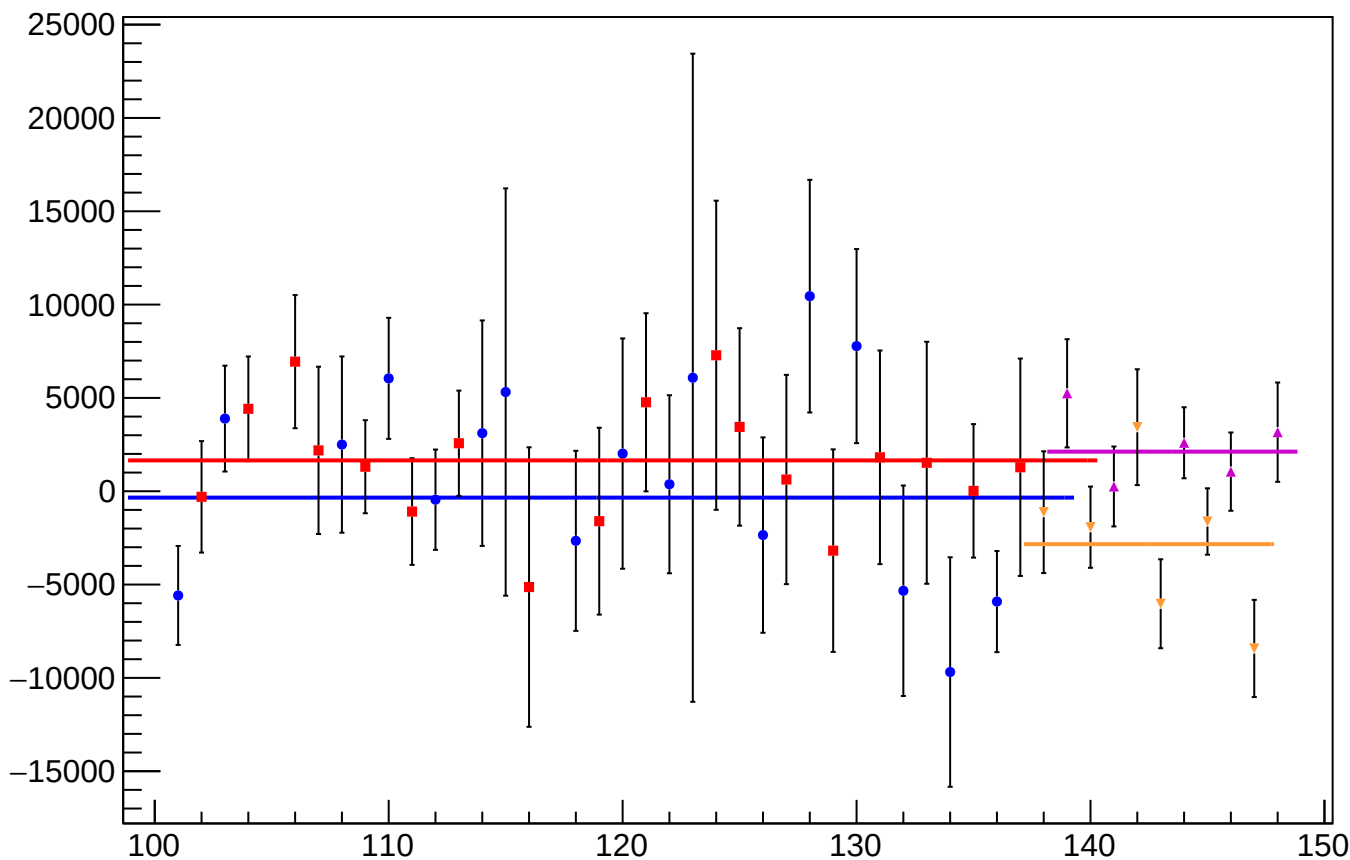
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 272.647+/-0.060 χ^2/NDF : 493066.6/21

Out: 262.617+/-0.057 χ^2/NDF : 918711.7/23

All: 267.397+/-0.041 χ^2/NDF : 1426595.8/45

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2834.261 ± 976.474 $\chi^2/\text{NDF}: 11.4/5$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 2121.981 ± 1009.176 $\chi^2/\text{NDF}: 2.4/4$

Left: -437.742 ± 701.748 $\chi^2/\text{NDF}: 26.3/10$

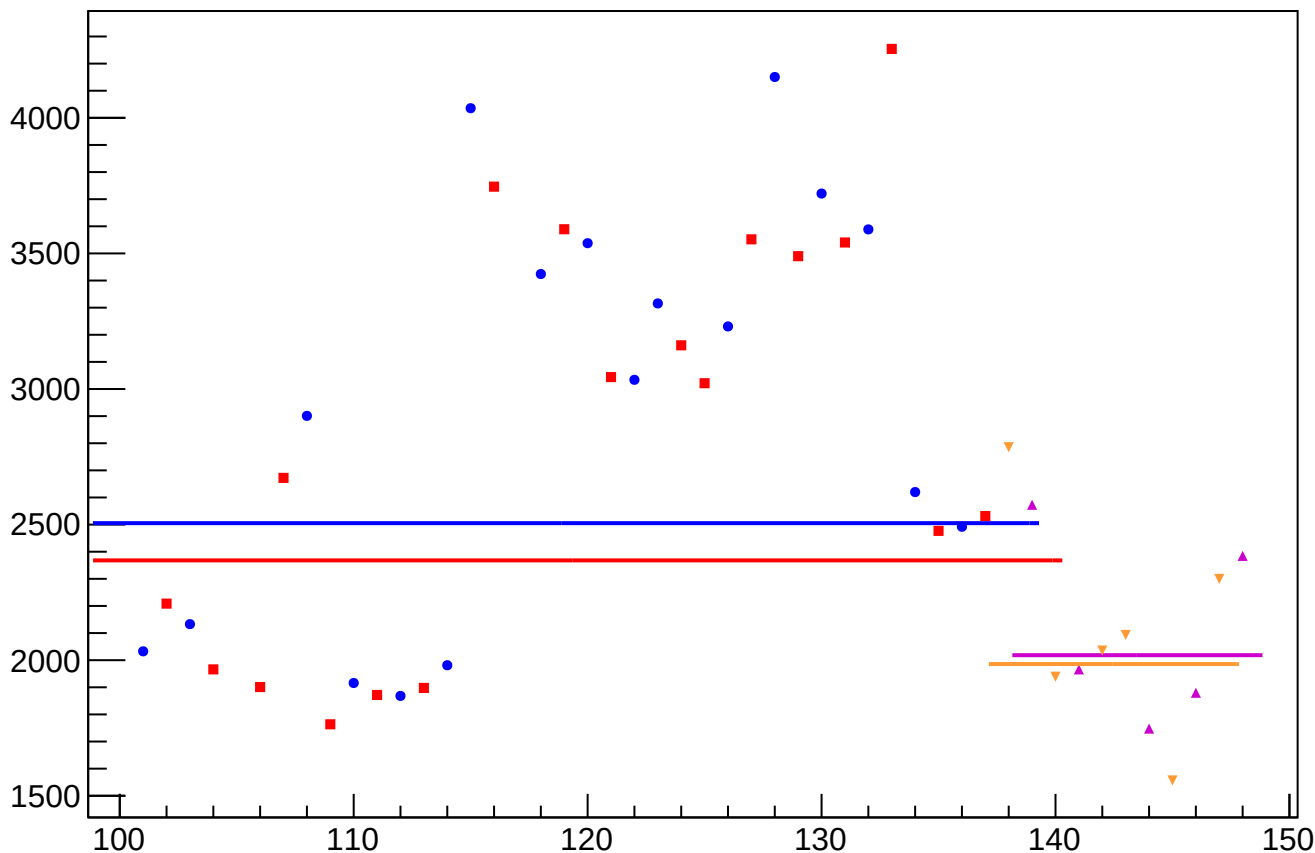
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 884.666 ± 711.984 $\chi^2/\text{NDF}: 29.8/21$

Out: -481.516 ± 673.386 $\chi^2/\text{NDF}: 30.4/23$

All: 163.541 ± 489.232 $\chi^2/\text{NDF}: 62.2/45$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 1985.752+/-0.690 χ^2/NDF : 271274.0/5

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2018.402+/-0.714 χ^2/NDF : 161517.8/4

Left: 2001.539+/-0.496 χ^2/NDF : 433873.1/10

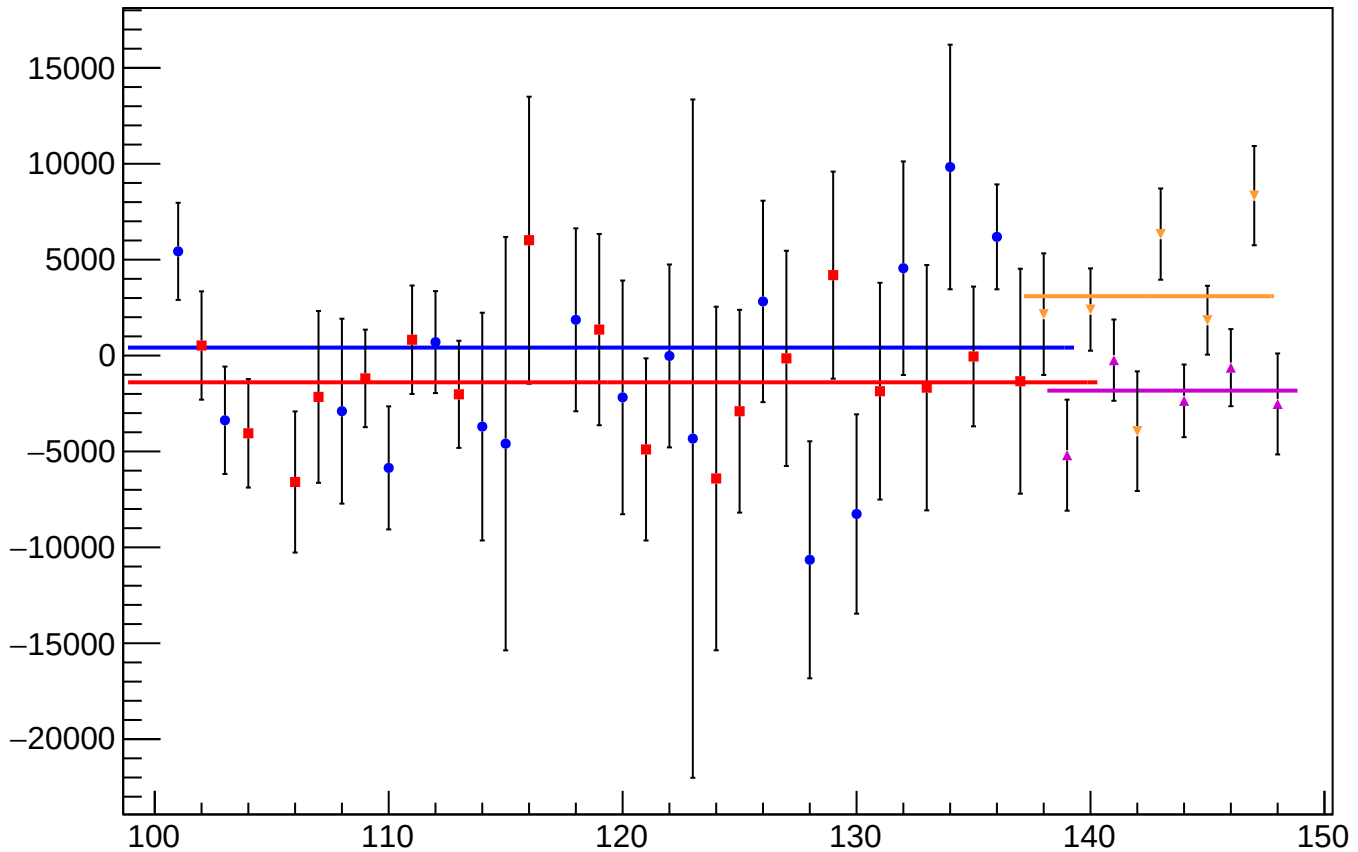
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2262.964+/-0.503 χ^2/NDF : 1259507.7/21

Out: 2186.219+/-0.476 χ^2/NDF : 1462885.6/23

All: 2222.455+/-0.346 χ^2/NDF : 2734658.9/45

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3094.320+/-973.205 χ^2/NDF : 11.7/5

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1827.923+/-993.760 χ^2/NDF : 2.4/4

Left: 684.631+/-695.313 χ^2/NDF : 26.7/10

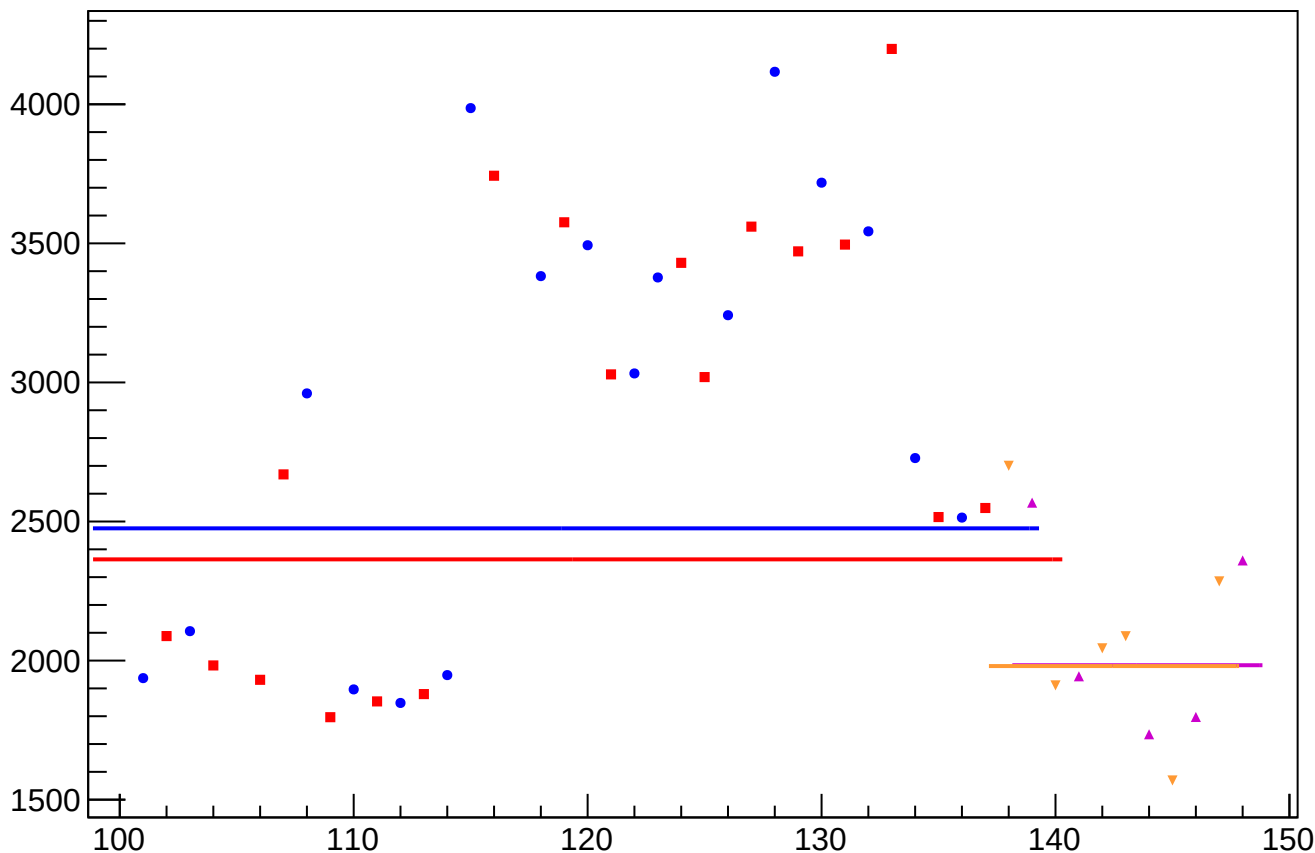
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -707.488+/-703.102 χ^2/NDF : 29.5/21

Out: 745.559+/-671.985 χ^2/NDF : 30.4/23

All: 51.900+/-485.793 χ^2/NDF : 62.1/45

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 1980.319 $\pm$ 0.688 χ^2/NDF : 242811.5/5

Right Out: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 1983.321 $\pm$ 0.703 χ^2/NDF : 174660.7/4

Left: 1981.789 $\pm$ 0.492 χ^2/NDF : 417481.5/10

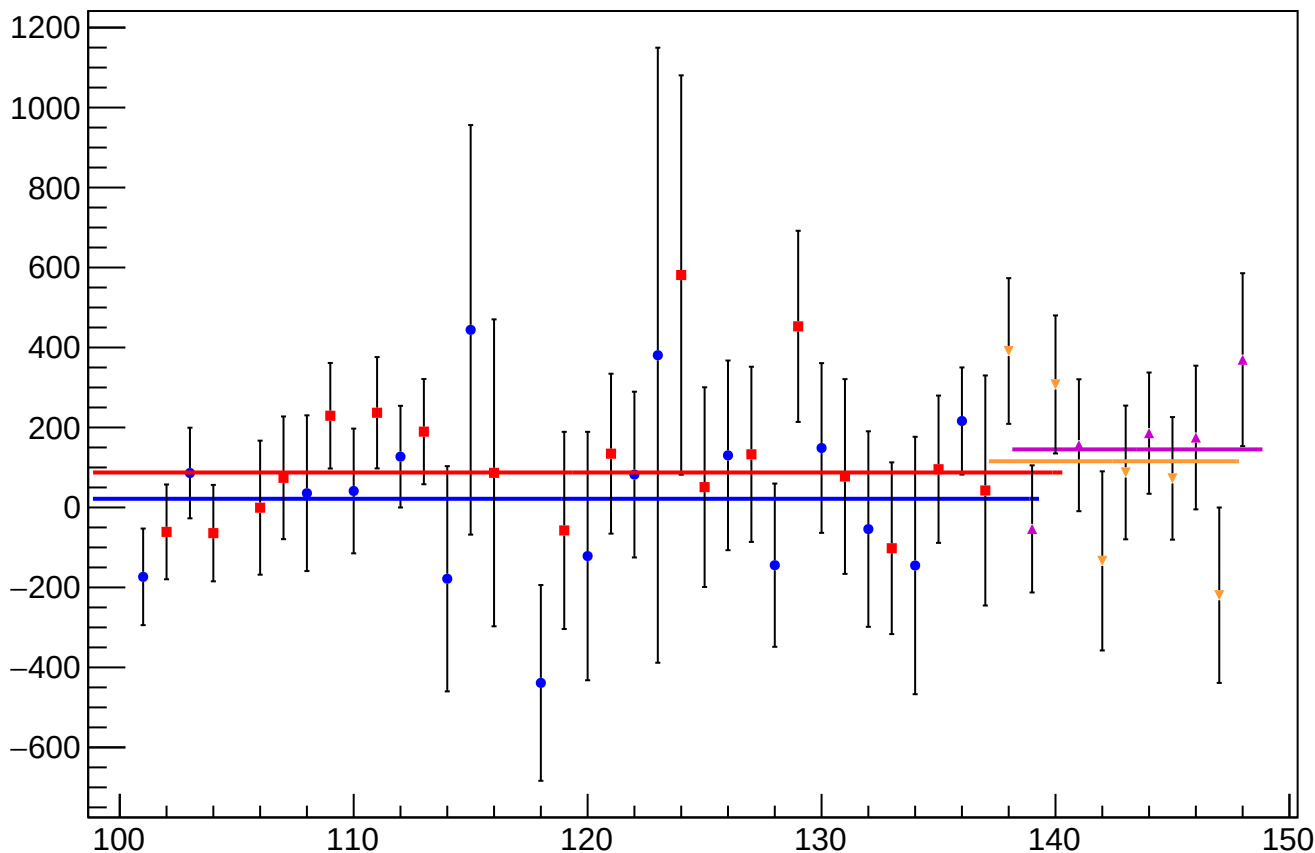
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2229.092 $\pm$ 0.497 χ^2/NDF : 1332676.9/21

Out: 2181.023 $\pm$ 0.475 χ^2/NDF : 1432257.8/23

All: 2203.971 $\pm$ 0.344 χ^2/NDF : 2769820.1/45

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649+/-45.157 χ^2/NDF : 12.6/16

Left Out: 115.539+/-73.967 χ^2/NDF : 7.2/5

Right Out: 87.439+/-41.826 χ^2/NDF : 10.9/17

Left In: 145.156+/-76.207 χ^2/NDF : 2.7/4

Left: 129.906+/-53.077 χ^2/NDF : 10.0/10

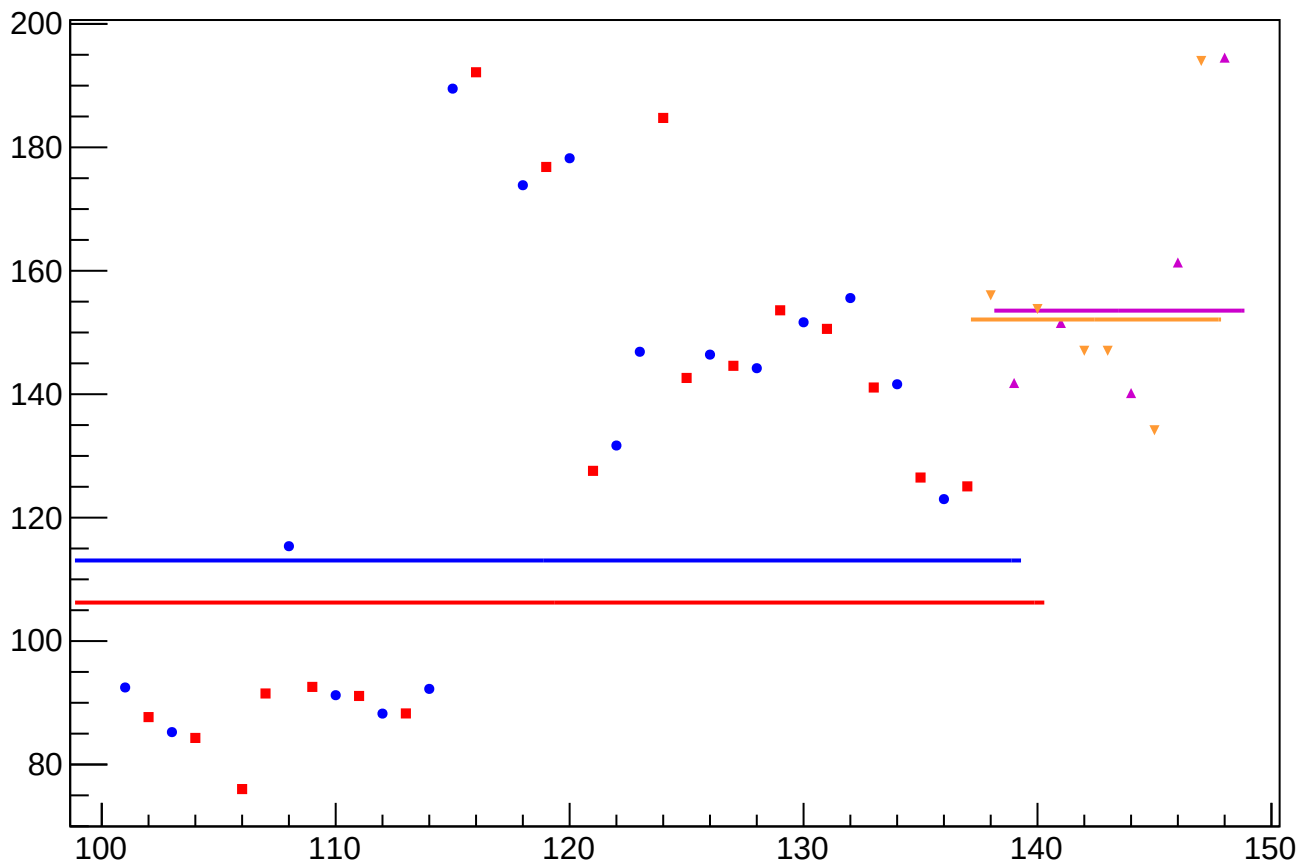
Right: 57.059+/-30.686 χ^2/NDF : 24.7/34

In: 53.745+/-38.849 χ^2/NDF : 17.3/21

Out: 94.247+/-36.408 χ^2/NDF : 18.2/23

All: 75.308+/-26.565 χ^2/NDF : 36.1/45

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 152.105 $\pm$ 0.052 χ^2/NDF :104374.6/5

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 153.543 $\pm$ 0.054 χ^2/NDF :102331.3/4

Left: 152.802 $\pm$ 0.038 χ^2/NDF : 207072.9/10

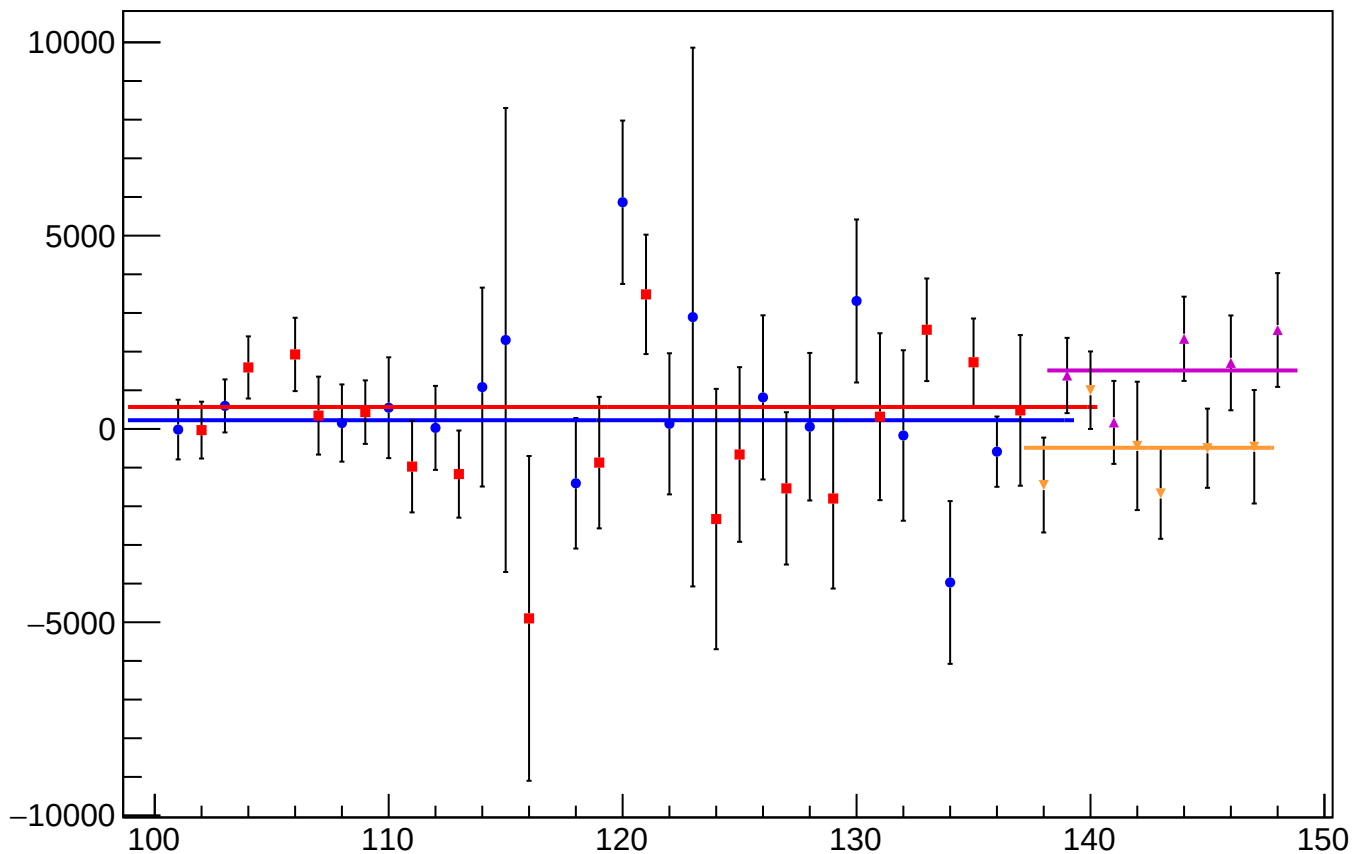
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 123.580 $\pm$ 0.027 χ^2/NDF :1340883.0/21

Out: 117.352 $\pm$ 0.026 χ^2/NDF :1638728.3/23

All: 120.264 $\pm$ 0.019 χ^2/NDF : 3006969.3/45

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -486.725 $\pm$ 489.974 χ^2/NDF : 3.8/5

Right Out: 568.109 $\pm$ 290.500 χ^2/NDF : 21.0/17

Left In: 1512.822 $\pm$ 506.853 χ^2/NDF : 2.7/4

Left: 479.201 $\pm$ 352.280 χ^2/NDF : 14.6/10

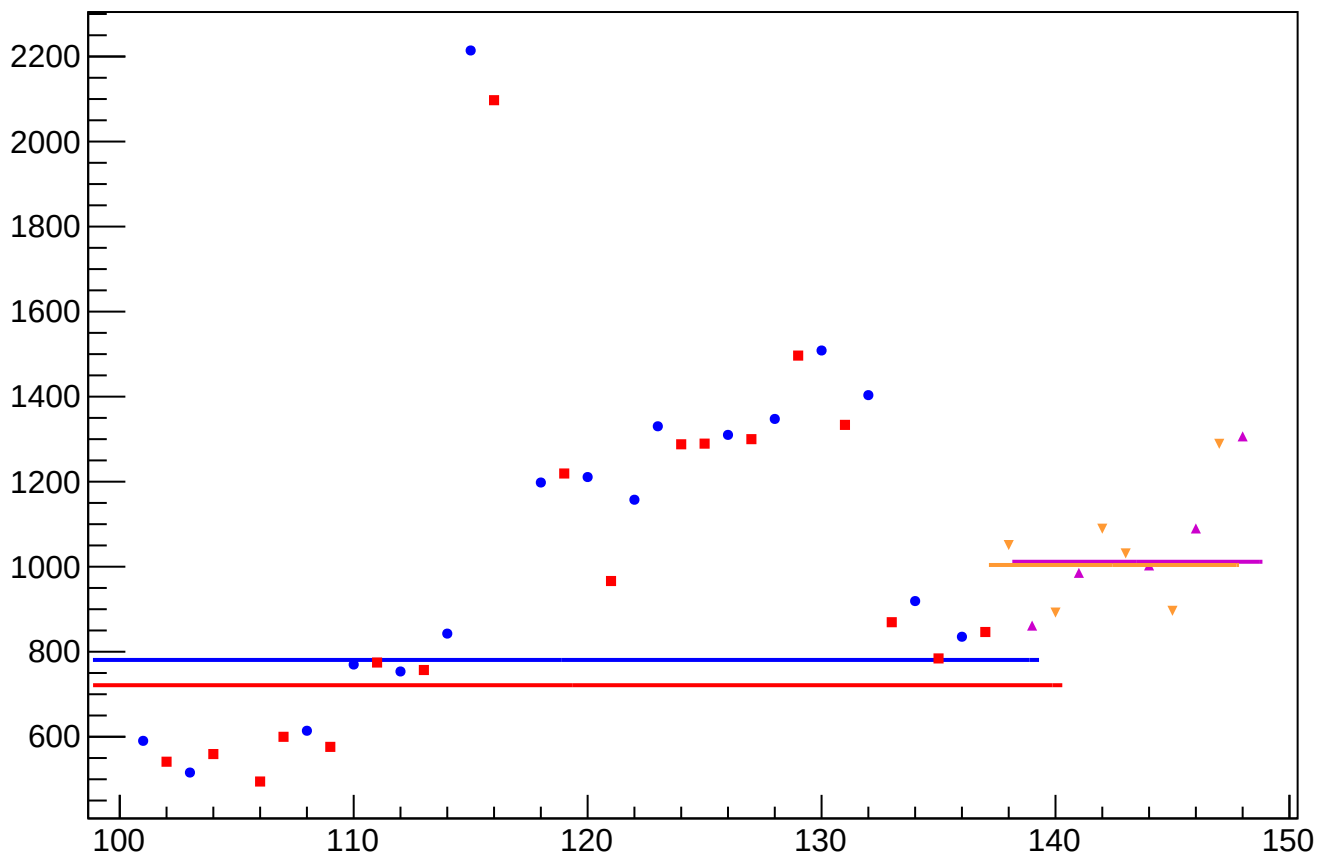
Right: 414.129 $\pm$ 215.517 χ^2/NDF : 37.6/34

In: 594.795 $\pm$ 271.437 χ^2/NDF : 23.2/21

Out: 293.757 $\pm$ 249.882 χ^2/NDF : 28.2/23

All: 431.850 $\pm$ 183.842 χ^2/NDF : 52.1/45

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 1004.071+/-0.346 χ^2/NDF : 131797.6/5

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 1011.618+/-0.358 χ^2/NDF : 137350.4/4

Left: 1007.716+/-0.249 χ^2/NDF : 269377.2/10

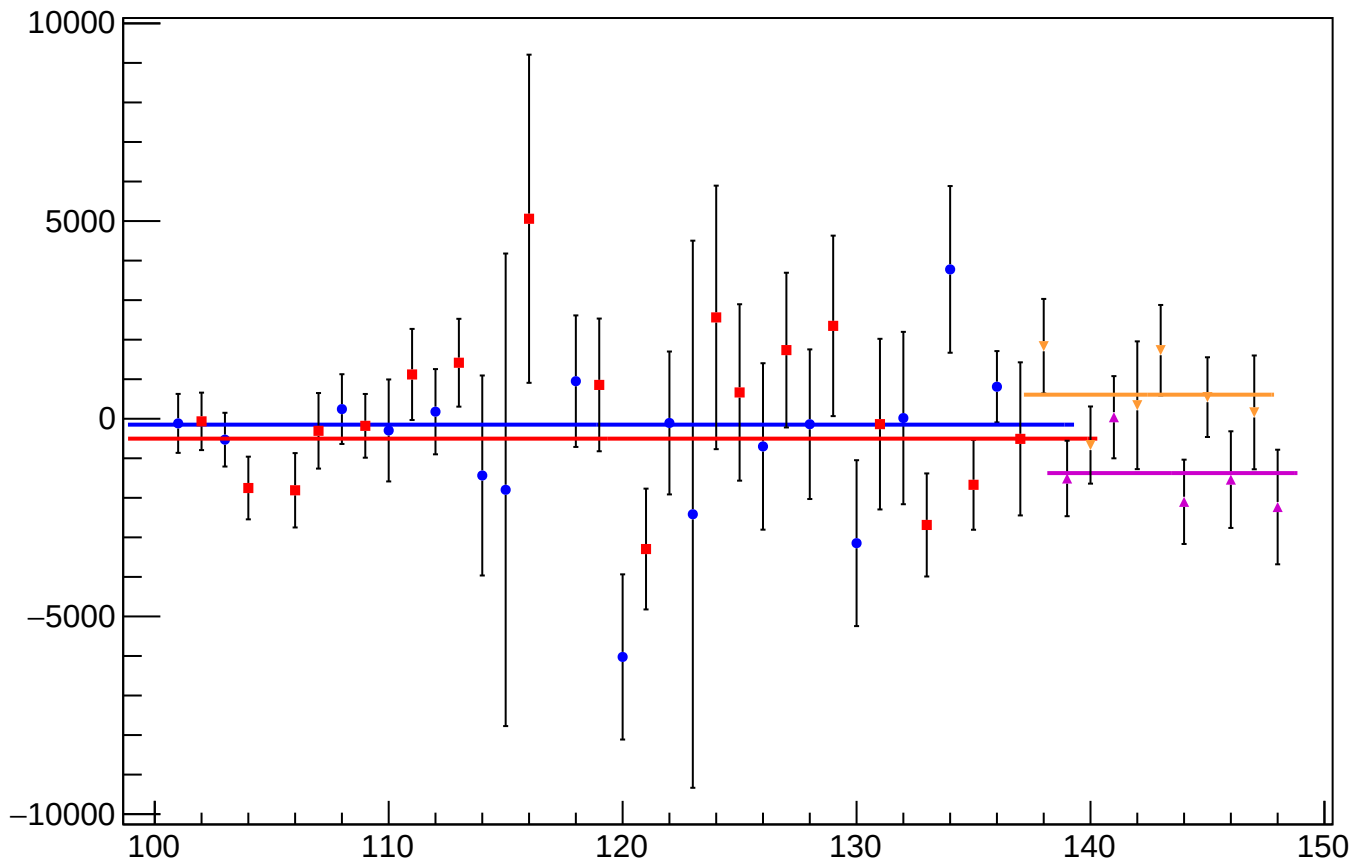
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 846.926+/-0.192 χ^2/NDF : 2042929.7/21

Out: 794.819+/-0.177 χ^2/NDF : 2251421.0/23

All: 818.722+/-0.130 χ^2/NDF : 4334244.5/45

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 +/- 312.963 χ^2/NDF : 16.1/16

Left Out: 608.866 +/- 478.670 χ^2/NDF : 3.9/5

Right Out: -503.162 +/- 285.781 χ^2/NDF : 23.6/17

Left In: -1374.237 +/- 496.951 χ^2/NDF : 2.7/4

Left: -345.539 +/- 344.753 χ^2/NDF : 14.8/10

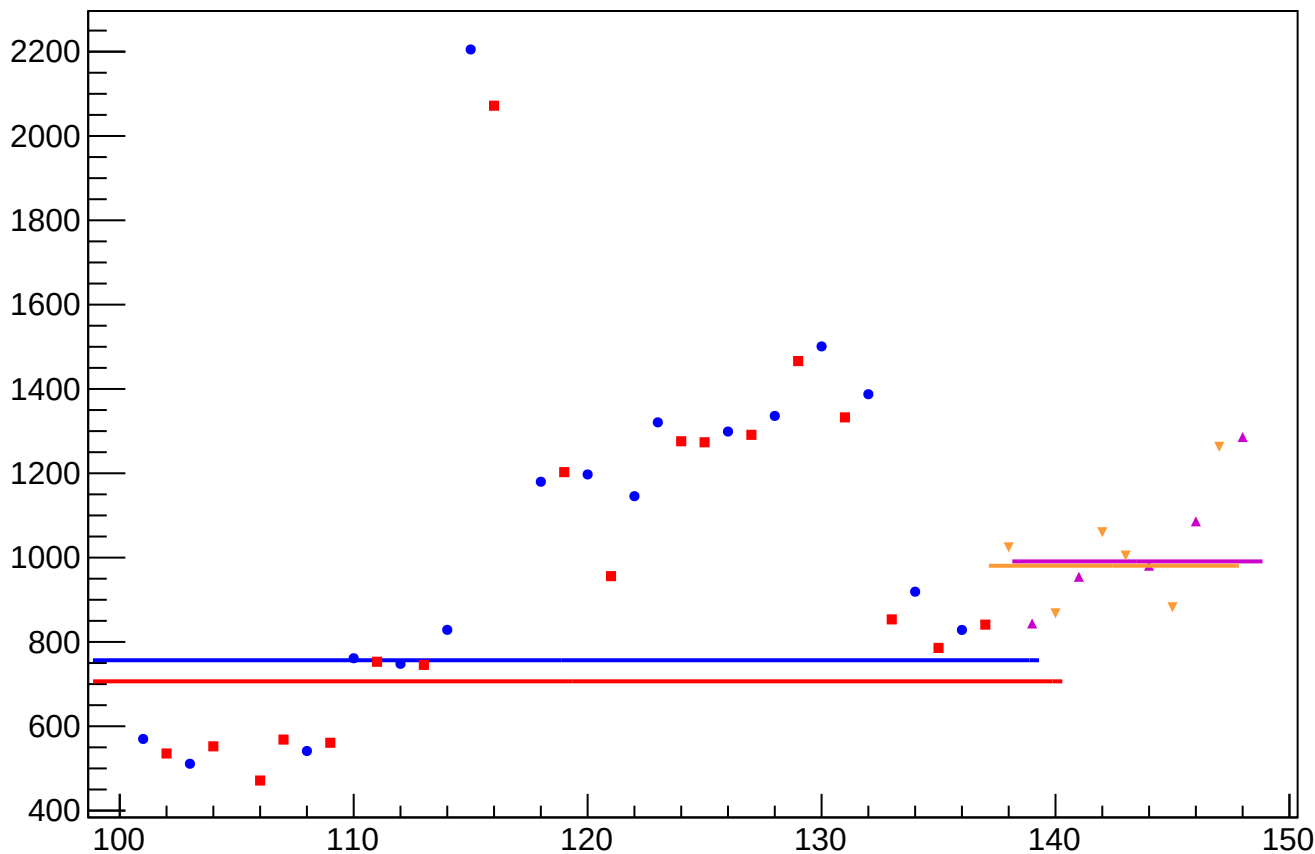
Right: -342.200 +/- 211.034 χ^2/NDF : 40.4/34

In: -497.057 +/- 264.823 χ^2/NDF : 23.2/21

Out: -210.944 +/- 245.376 χ^2/NDF : 31.5/23

All: -343.110 +/- 179.990 χ^2/NDF : 55.3/45

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 980.700+/-0.338 χ^2/NDF : 131086.6/5

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 991.017+/-0.351 χ^2/NDF : 145202.6/4

Left: 985.665+/-0.244 χ^2/NDF : 276736.3/10

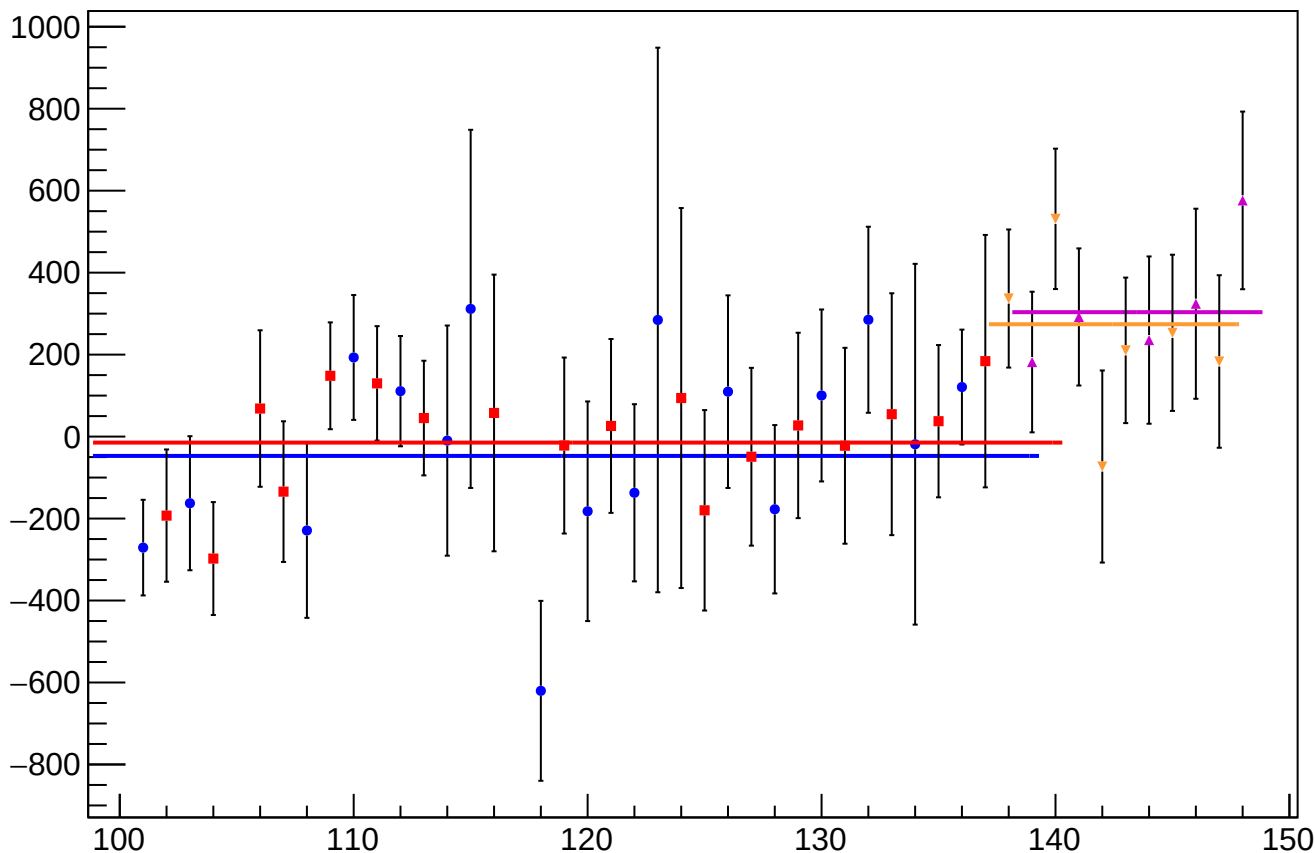
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 823.125+/-0.187 χ^2/NDF : 2177654.8/21

Out: 778.591+/-0.174 χ^2/NDF : 2284743.8/23

All: 799.163+/-0.127 χ^2/NDF : 4492831.4/45

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 274.138 ± 76.840 $\chi^2/\text{NDF}: 4.9/5$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 303.565 ± 86.513 $\chi^2/\text{NDF}: 2.2/4$

Left: 287.115 ± 57.451 $\chi^2/\text{NDF}: 7.2/10$

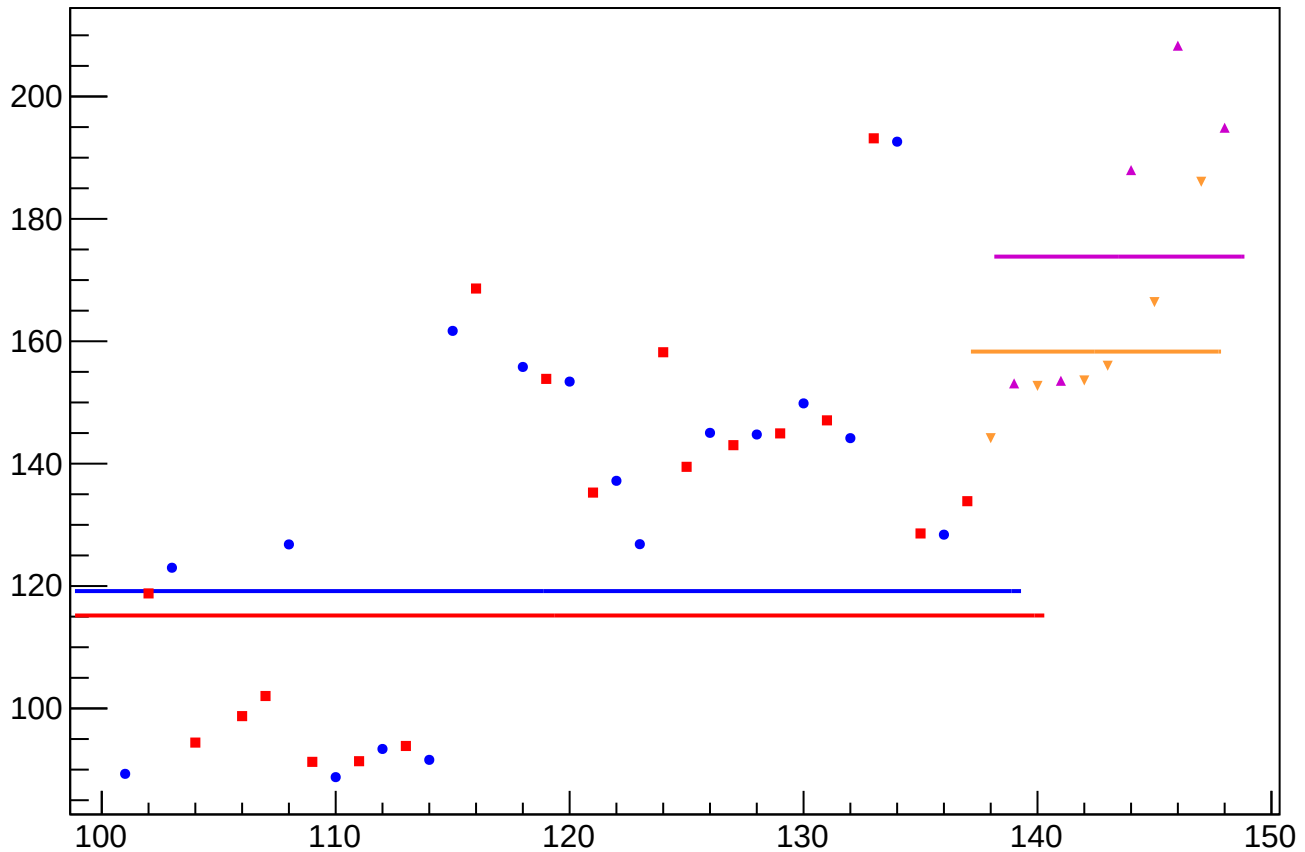
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 33.473 ± 41.481 $\chi^2/\text{NDF}: 36.7/21$

Out: 58.754 ± 38.734 $\chi^2/\text{NDF}: 25.6/23$

All: 46.978 ± 28.310 $\chi^2/\text{NDF}: 62.5/45$

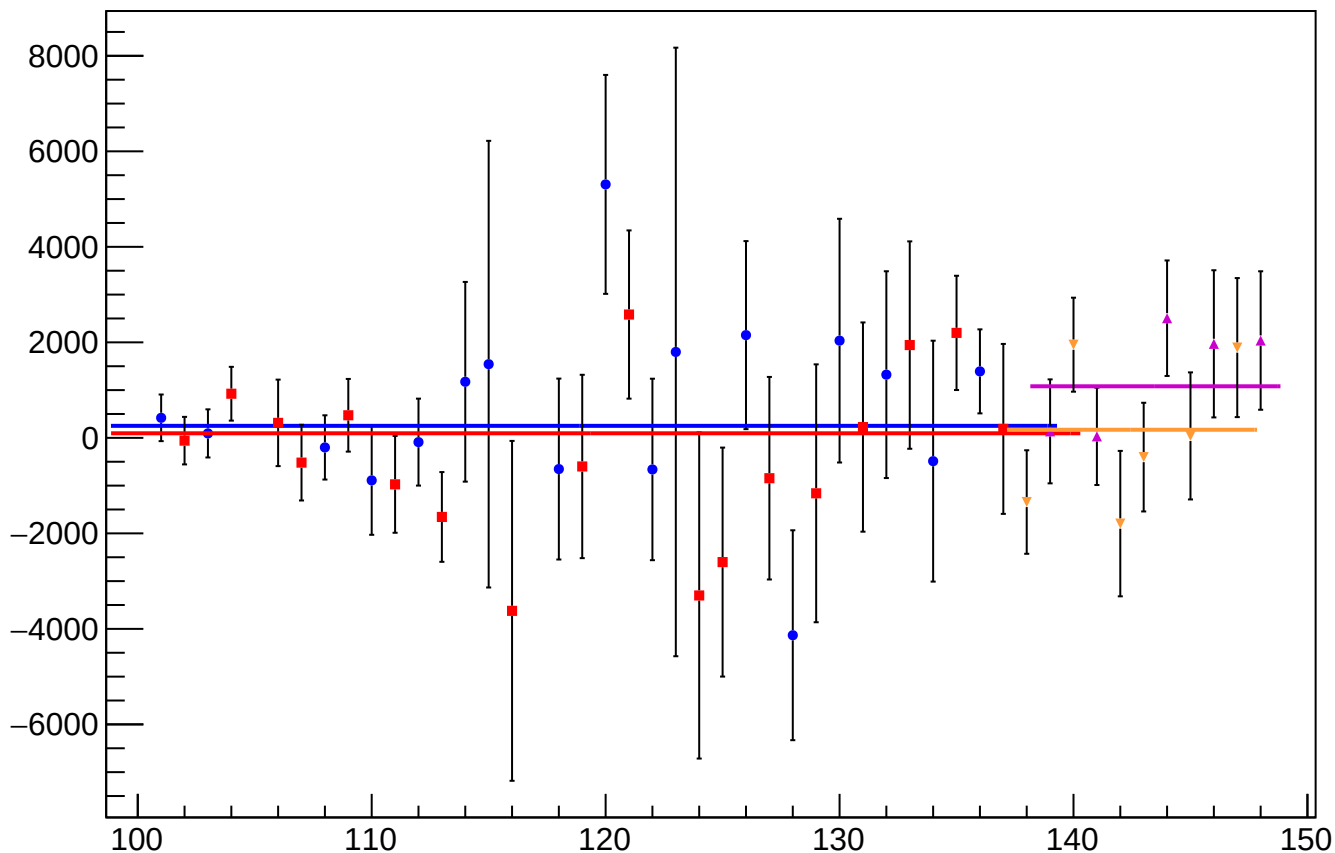
dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16
 Left Out: 158.315+/-0.054 χ^2/NDF : 55772.4/5
 Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17
 Left In: 173.835+/-0.061 χ^2/NDF : 131265.5/4

Left: 165.159+/-0.041 χ^2/NDF : 223019.5/10
 Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34
 In: 131.741+/-0.029 χ^2/NDF : 1361401.7/21
 Out: 126.146+/-0.027 χ^2/NDF : 1201269.7/23
 All: 128.753+/-0.020 χ^2/NDF : 2582108.4/45

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 169.804+/-492.407 χ^2/NDF : 8.6/5

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 1079.798+/-543.371 χ^2/NDF : 4.0/4

Left: 580.134+/-364.875 χ^2/NDF : 14.1/10

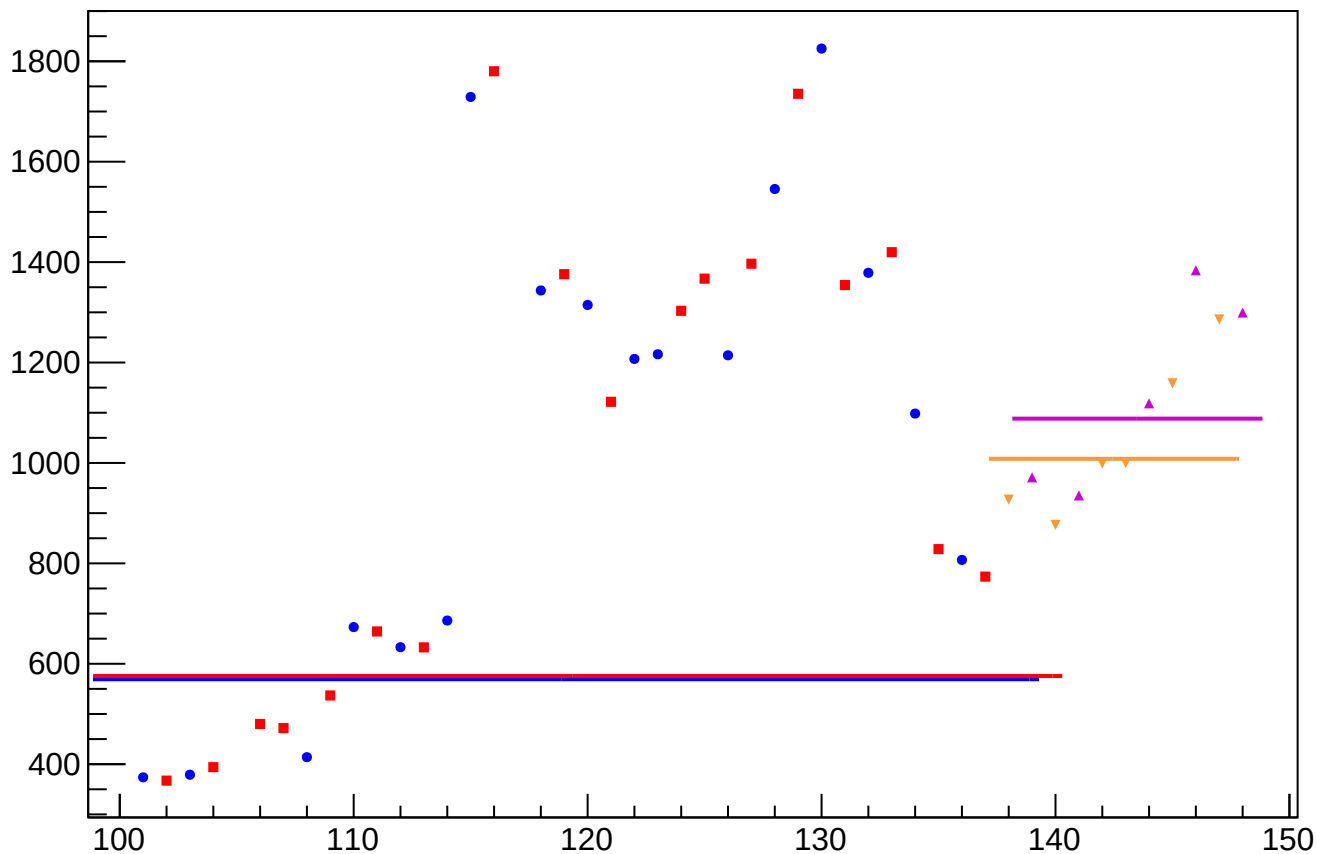
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 399.095+/-229.222 χ^2/NDF : 20.8/21

Out: 110.561+/-219.885 χ^2/NDF : 26.0/23

All: 248.831+/-158.680 χ^2/NDF : 47.6/45

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1008.229 $\pm$ 0.348 χ^2 /NDF: 145459.2/5

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1088.254 $\pm$ 0.384 χ^2 /NDF: 185382.8/4

Left: 1044.314 $\pm$ 0.258 χ^2 /NDF: 354661.4/10

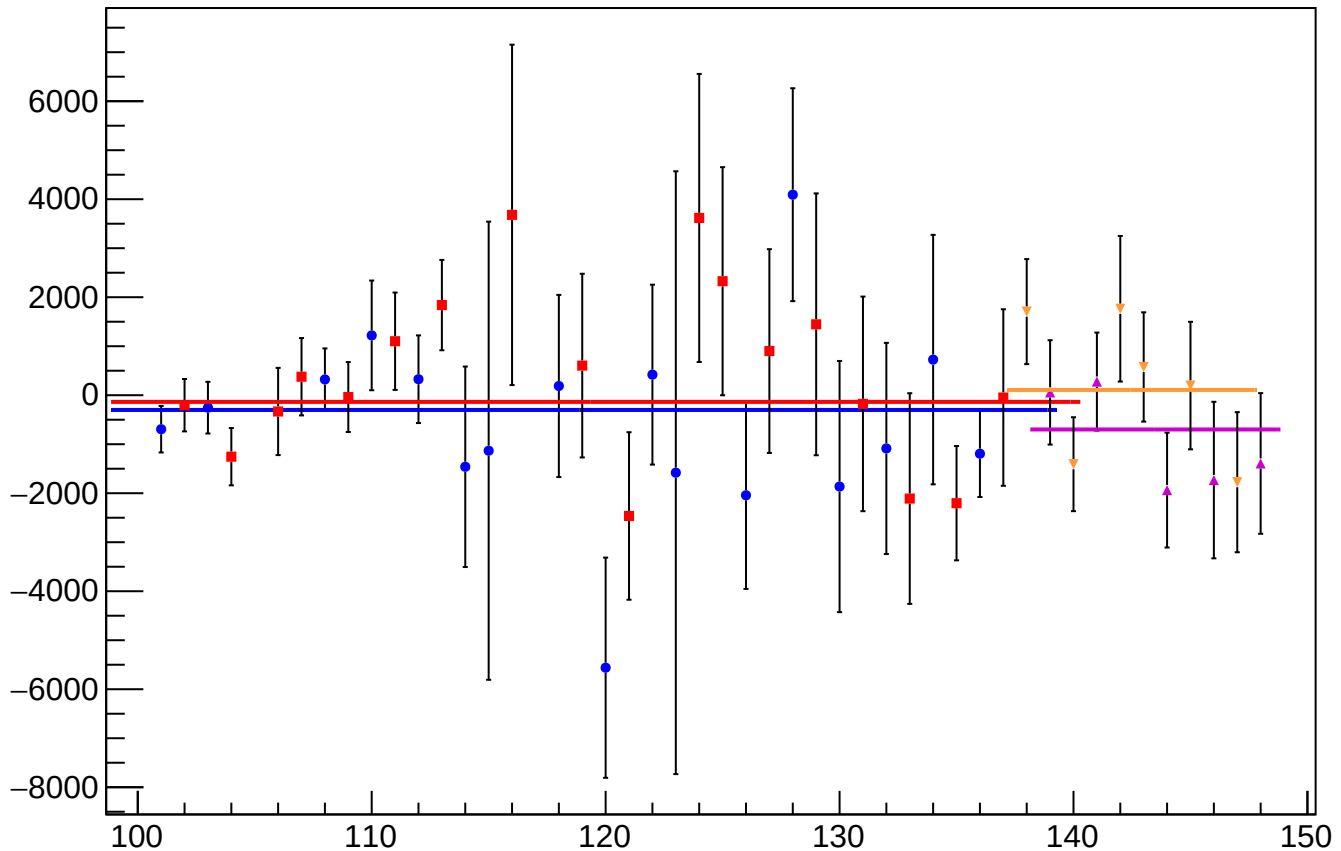
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 661.570 $\pm$ 0.162 χ^2 /NDF: 4952656.2/21

Out: 661.856 $\pm$ 0.155 χ^2 /NDF: 4439844.0/23

All: 661.719 $\pm$ 0.112 χ^2 /NDF: 9392501.8/45

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 107.703 ± 482.439 $\chi^2/\text{NDF}: 7.9/5$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: -698.932 ± 535.486 $\chi^2/\text{NDF}: 3.2/4$

Left: -253.693 ± 358.427 $\chi^2/\text{NDF}: 12.4/10$

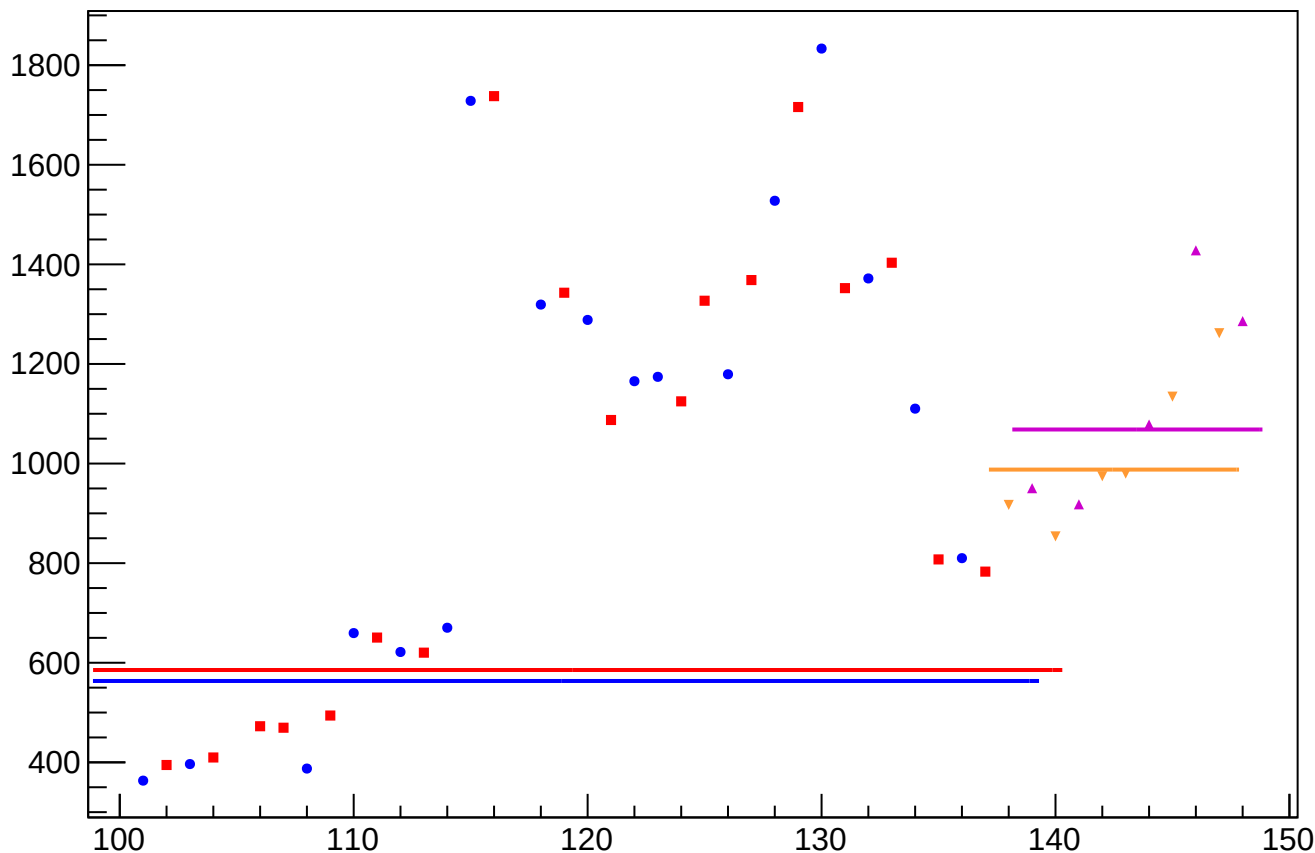
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -372.069 ± 226.753 $\chi^2/\text{NDF}: 20.4/21$

Out: -85.246 ± 220.347 $\chi^2/\text{NDF}: 29.0/23$

All: -224.549 ± 158.025 $\chi^2/\text{NDF}: 50.2/45$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 987.884+/-0.341 χ^2/NDF :146952.7/5

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1068.395+/-0.379 χ^2/NDF :217294.2/4

Left: 1023.955+/-0.253 χ^2/NDF : 389202.3/10

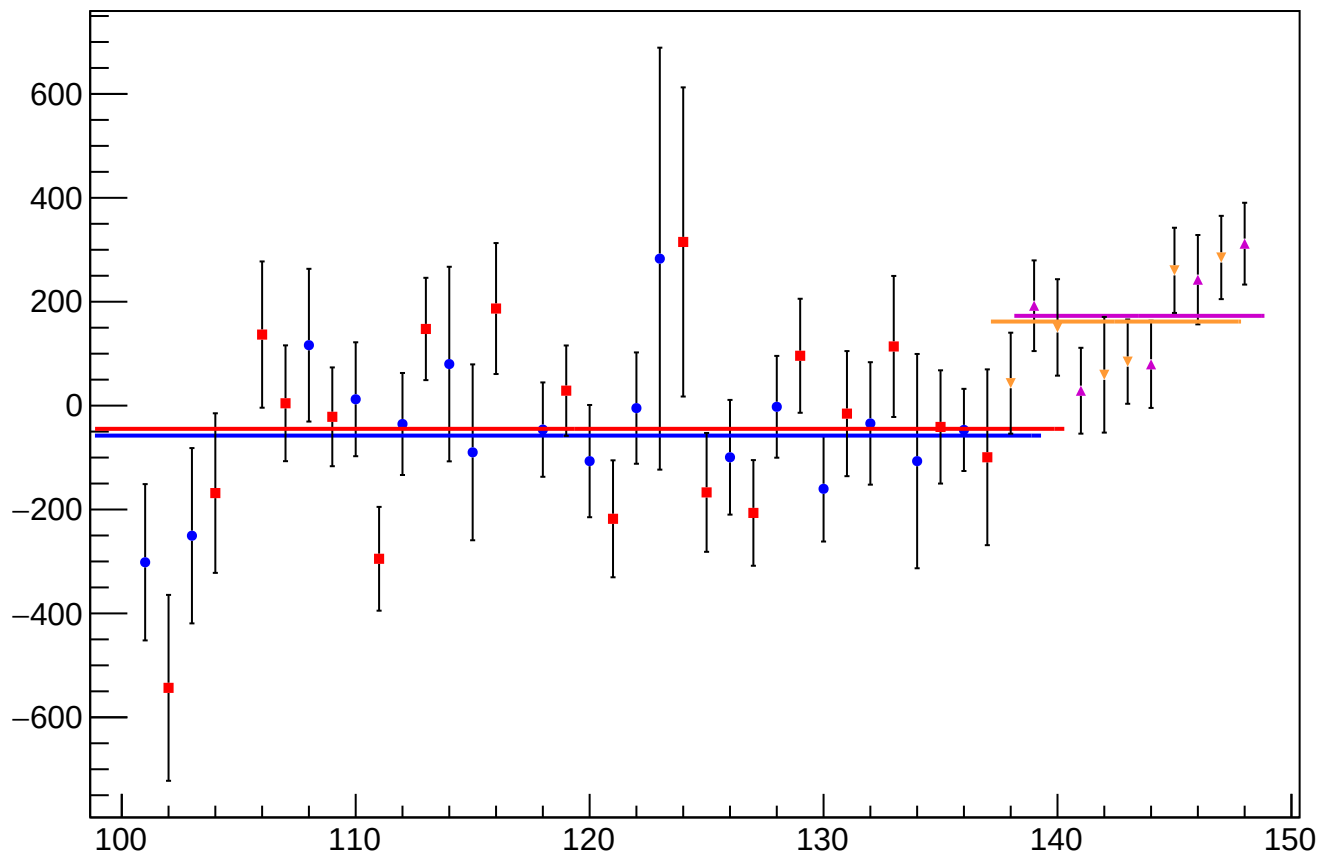
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 653.947+/-0.160 χ^2/NDF :4936154.7/21

Out: 669.392+/-0.156 χ^2/NDF :4066511.3/23

All: 661.890+/-0.112 χ^2/NDF : 9007438.4/45

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 161.826 $\pm$ 36.302 χ^2 /NDF: 7.1/5

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 172.835 $\pm$ 37.369 χ^2 /NDF: 8.1/4

Left: 167.171 $\pm$ 26.038 χ^2 /NDF: 15.2/10

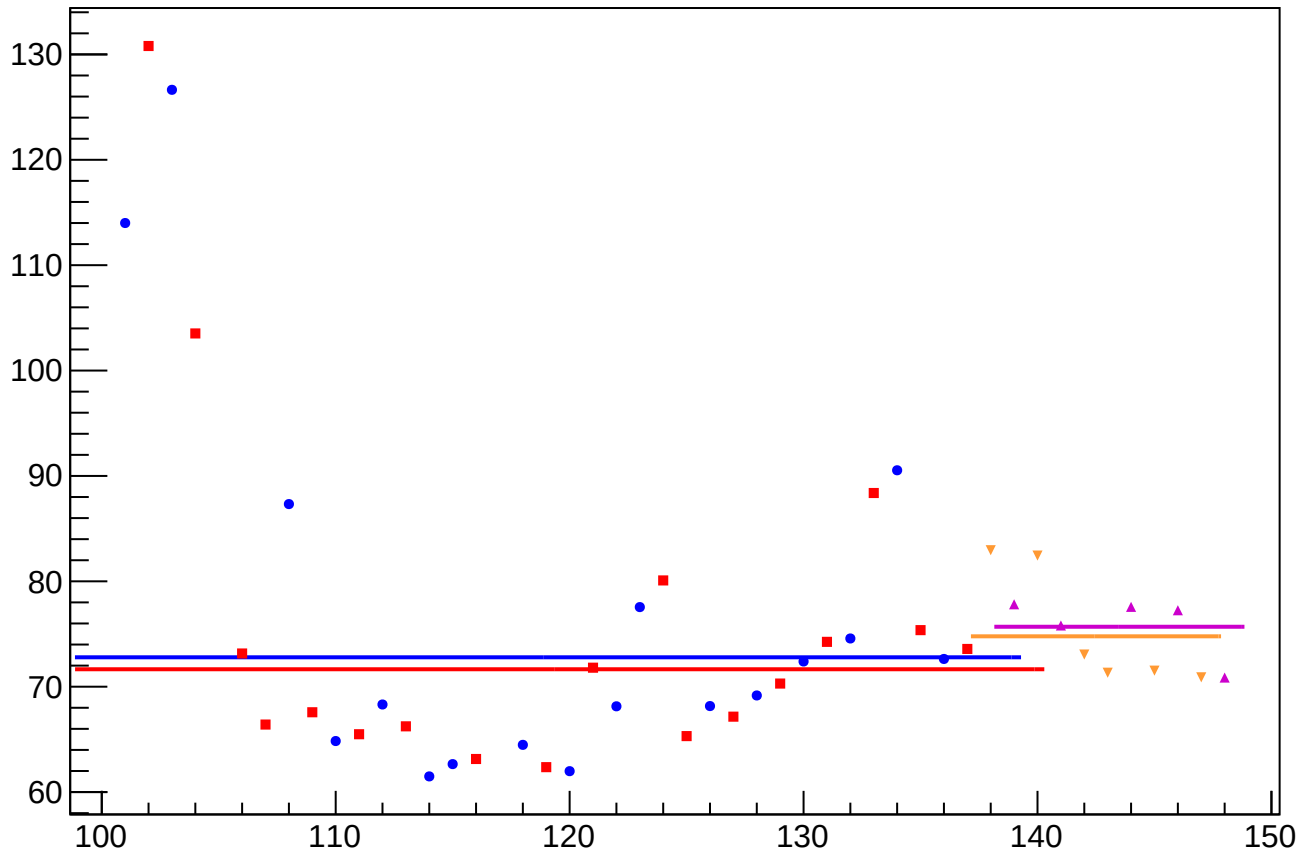
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 27.801 $\pm$ 22.758 χ^2 /NDF: 41.2/21

Out: 31.342 $\pm$ 22.027 χ^2 /NDF: 62.7/23

All: 29.630 $\pm$ 15.828 χ^2 /NDF: 103.9/45

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 74.781 $\pm$ 0.026 χ^2 /NDF:39735.5/5

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 75.689 $\pm$ 0.026 χ^2 /NDF:10371.7/4

Left: 75.222 $\pm$ 0.018 χ^2 /NDF: 50714.8/10

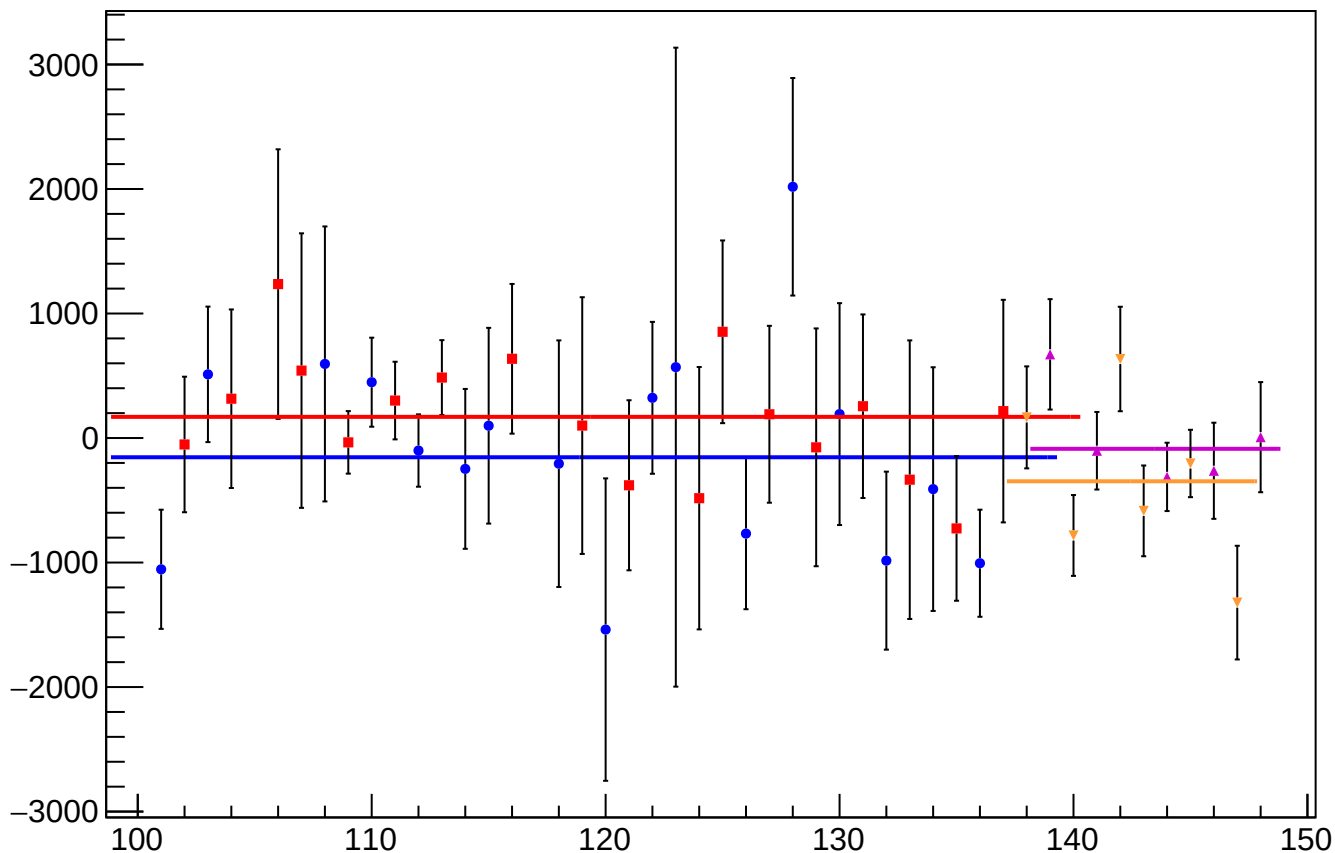
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 73.865 $\pm$ 0.016 χ^2 /NDF:482716.8/21

Out: 72.806 $\pm$ 0.016 χ^2 /NDF:453480.0/23

All: 73.318 $\pm$ 0.011 χ^2 /NDF: 938433.2/45

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -347.471+/-145.674 χ^2/NDF : 14.1/5

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -86.686+/-157.148 χ^2/NDF : 3.9/4

Left: -226.946+/-106.833 χ^2/NDF : 19.4/10

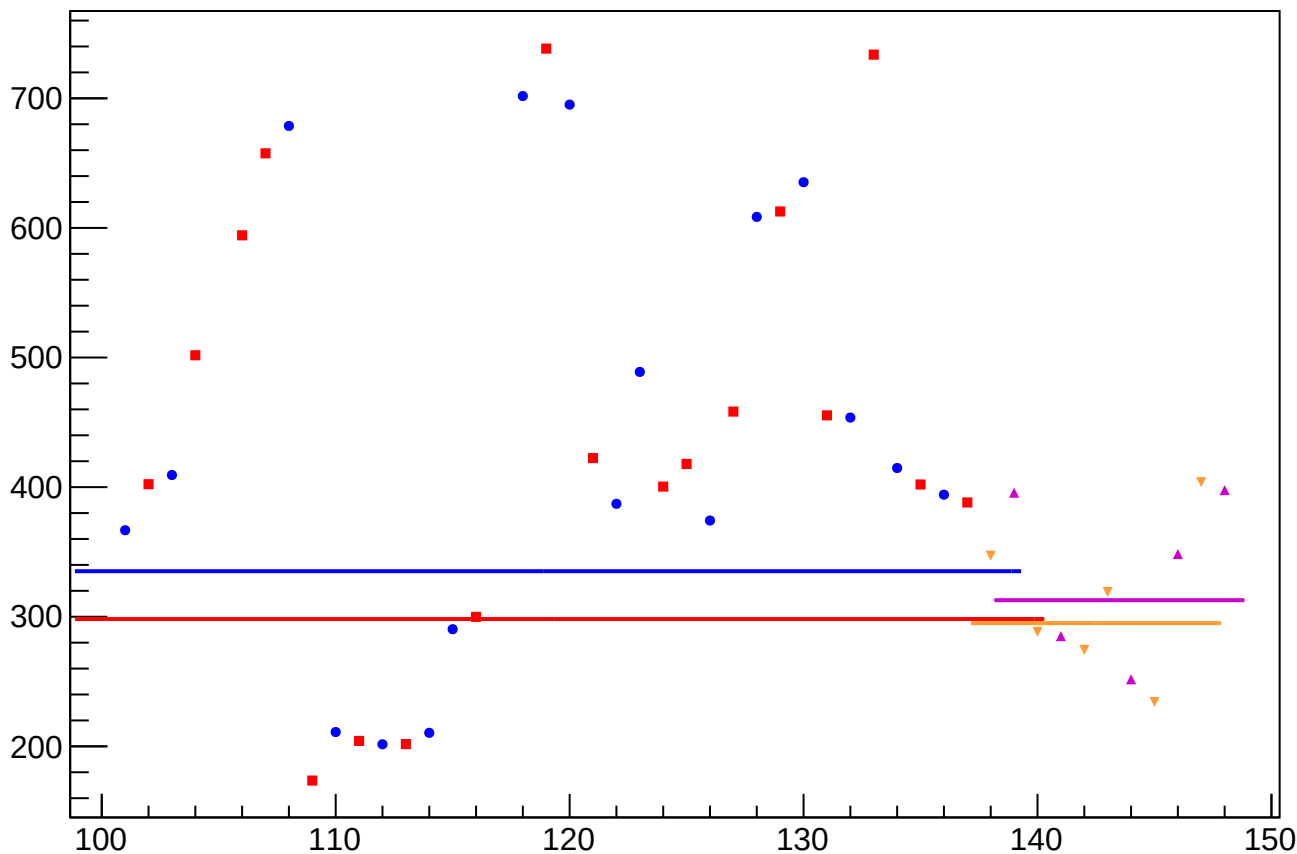
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -124.273+/-104.825 χ^2/NDF : 27.1/21

Out: -51.884+/-95.393 χ^2/NDF : 29.7/23

All: -84.676+/-70.552 χ^2/NDF : 57.1/45

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 295.085 $\pm$ 0.103 χ^2 /NDF:261243.2/5

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 312.759 $\pm$ 0.111 χ^2 /NDF:275596.3/4

Left: 303.253 $\pm$ 0.076 χ^2 /NDF: 550445.6/10

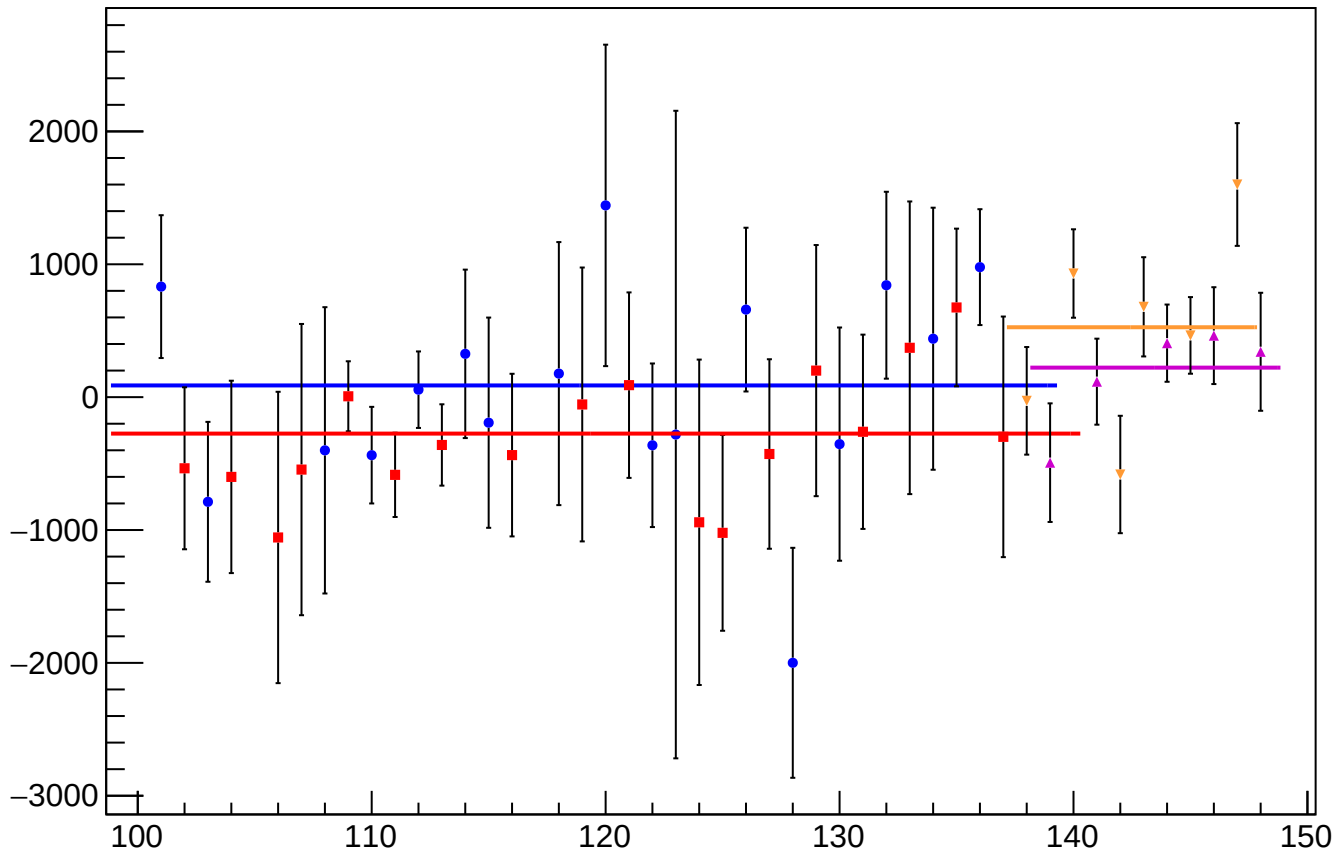
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 325.179 $\pm$ 0.074 χ^2 /NDF:2292146.4/21

Out: 296.895 $\pm$ 0.067 χ^2 /NDF:3038339.5/23

All: 309.707 $\pm$ 0.050 χ^2 /NDF: 5410132.4/45

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 526.047+/-150.519 χ^2/NDF :15.3/5

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 222.128+/-160.122 χ^2/NDF :3.6/4

Left: 383.474+/-109.671 χ^2/NDF : 20.8/10

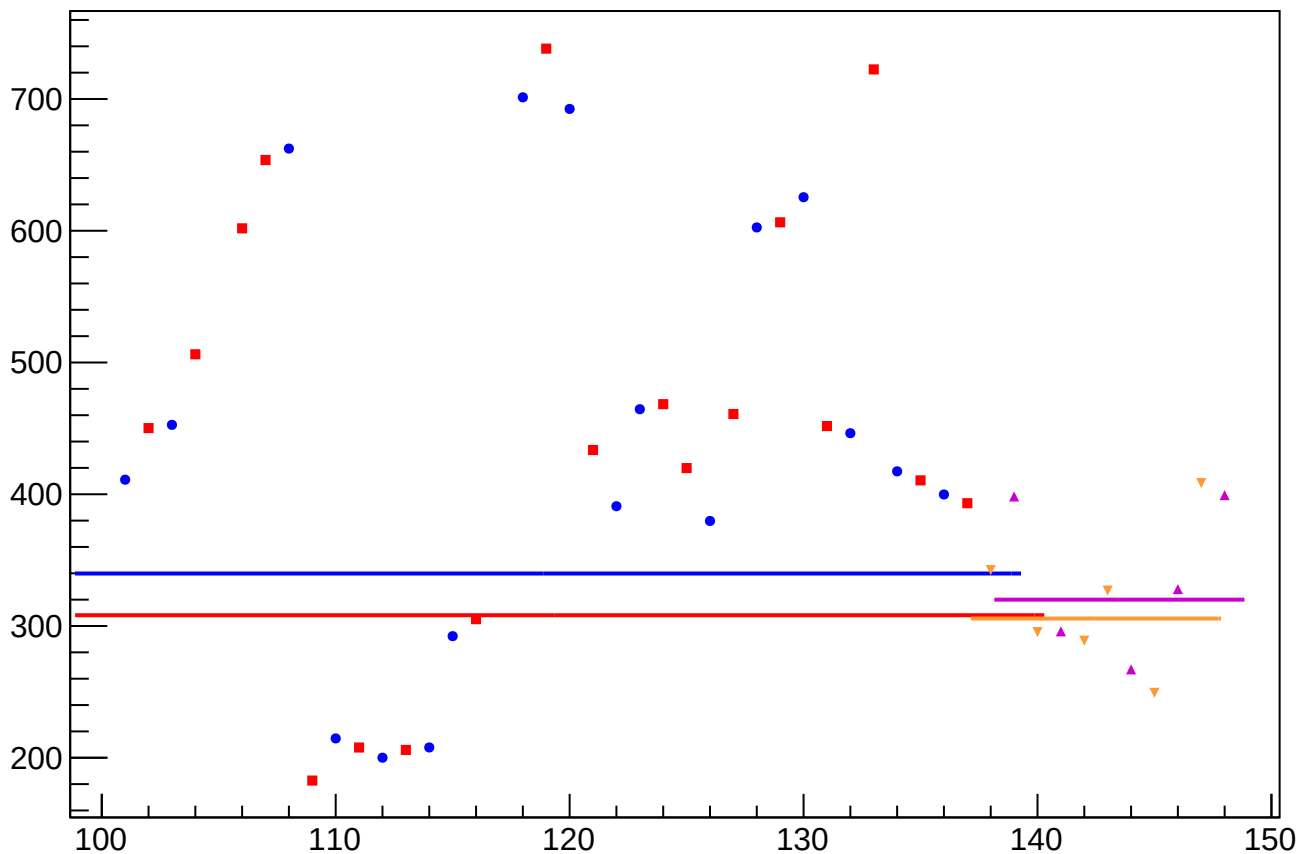
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 147.584+/-106.665 χ^2/NDF :24.8/21

Out: 67.217+/-98.327 χ^2/NDF :39.5/23

All: 104.137+/-72.296 χ^2/NDF : 64.6/45

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 305.667 +/- 0.106 χ^2/NDF : 203459.5/5

Right Out: 308.199 +/- 0.092 χ^2/NDF : 2698828.8/17

Left In: 319.999 +/- 0.113 χ^2/NDF : 203710.1/4

Left: 312.390 +/- 0.078 χ^2/NDF : 415675.9/10

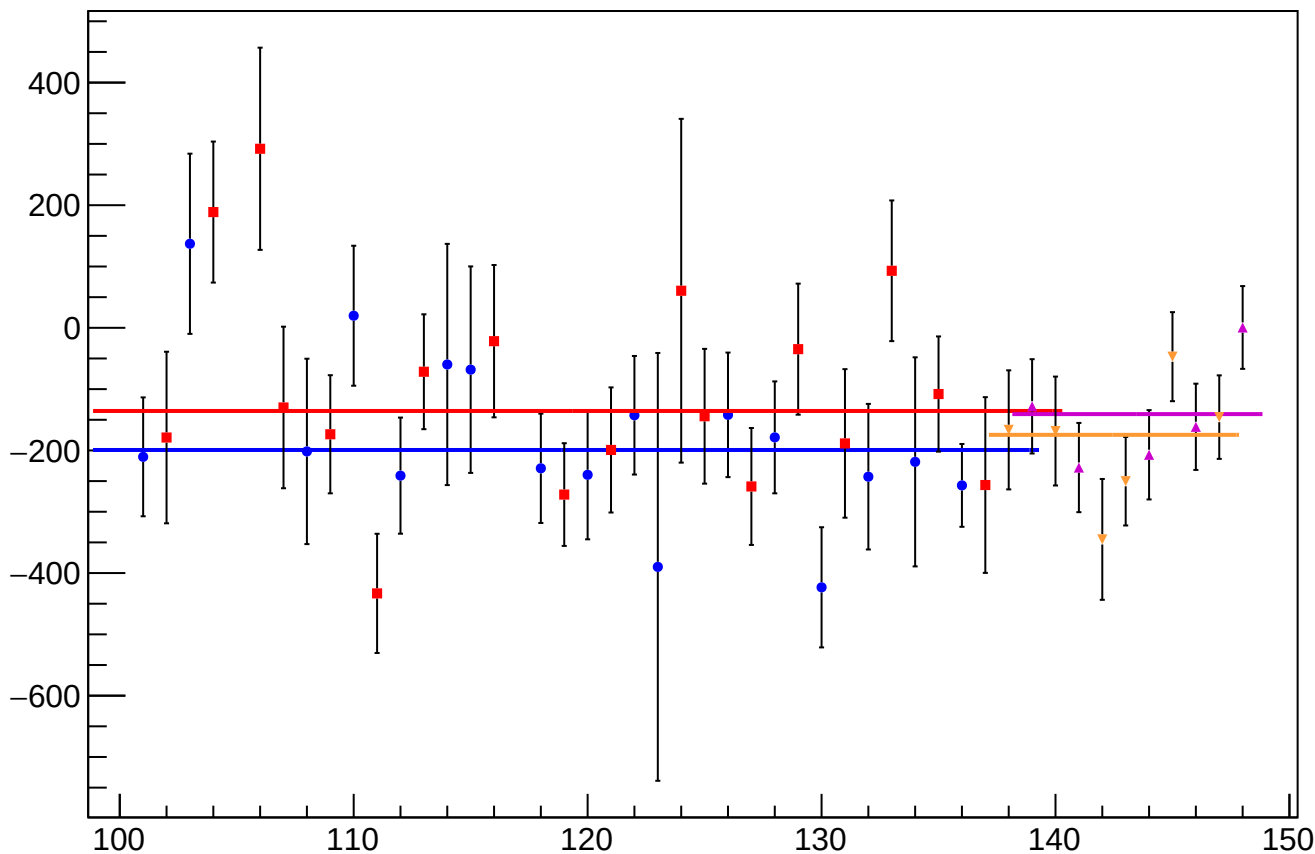
Right: 322.502 +/- 0.068 χ^2/NDF : 4796037.7/34

In: 331.041 +/- 0.075 χ^2/NDF : 2264331.1/21

Out: 307.118 +/- 0.070 χ^2/NDF : 2902612.8/23

All: 318.108 +/- 0.051 χ^2/NDF : 5221328.4/45

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -174.561 ± 32.738 $\chi^2/\text{NDF}: 7.4/5$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -140.729 ± 32.145 $\chi^2/\text{NDF}: 6.8/4$

Left: -157.336 ± 22.937 $\chi^2/\text{NDF}: 14.7/10$

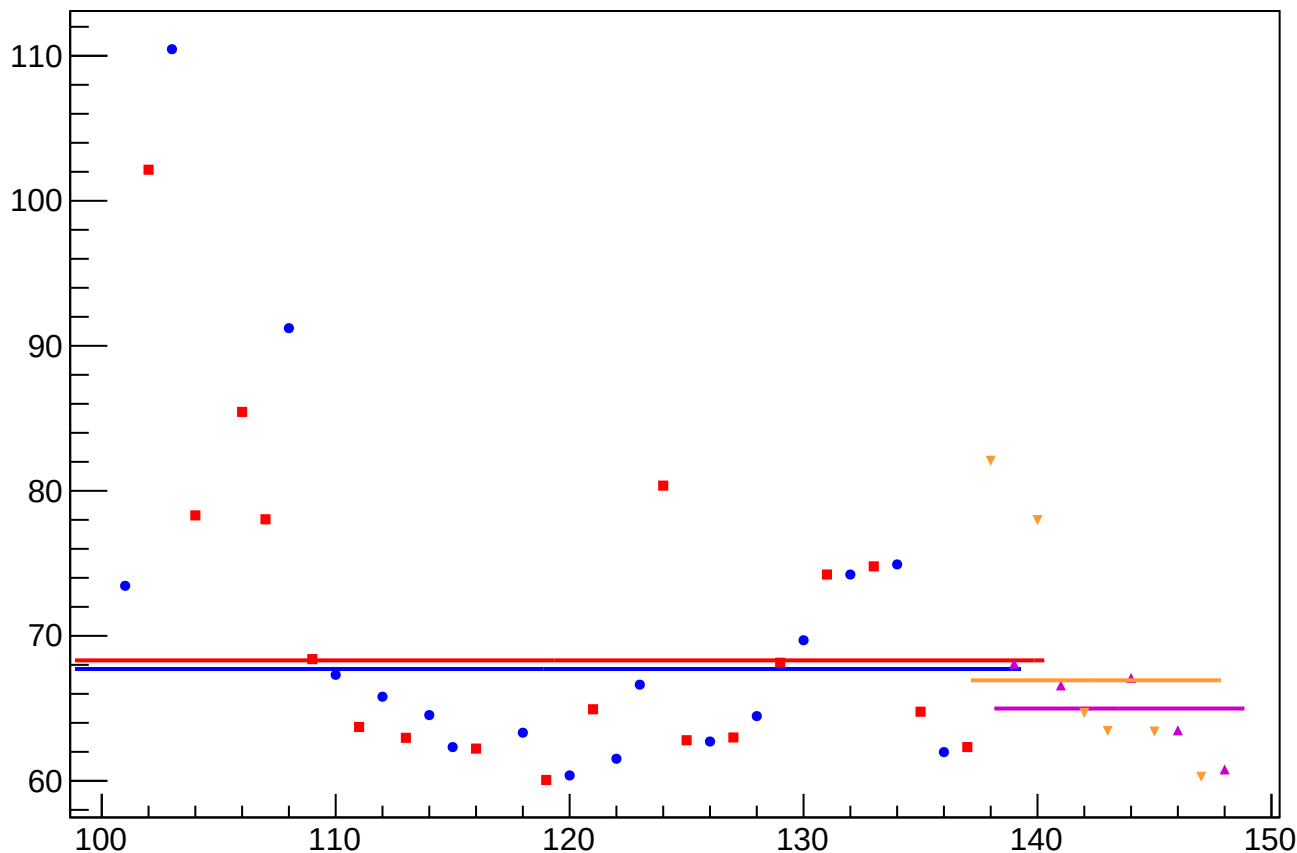
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -175.556 ± 20.454 $\chi^2/\text{NDF}: 26.3/21$

Out: -150.862 ± 20.481 $\chi^2/\text{NDF}: 44.9/23$

All: -163.225 ± 14.473 $\chi^2/\text{NDF}: 72.0/45$

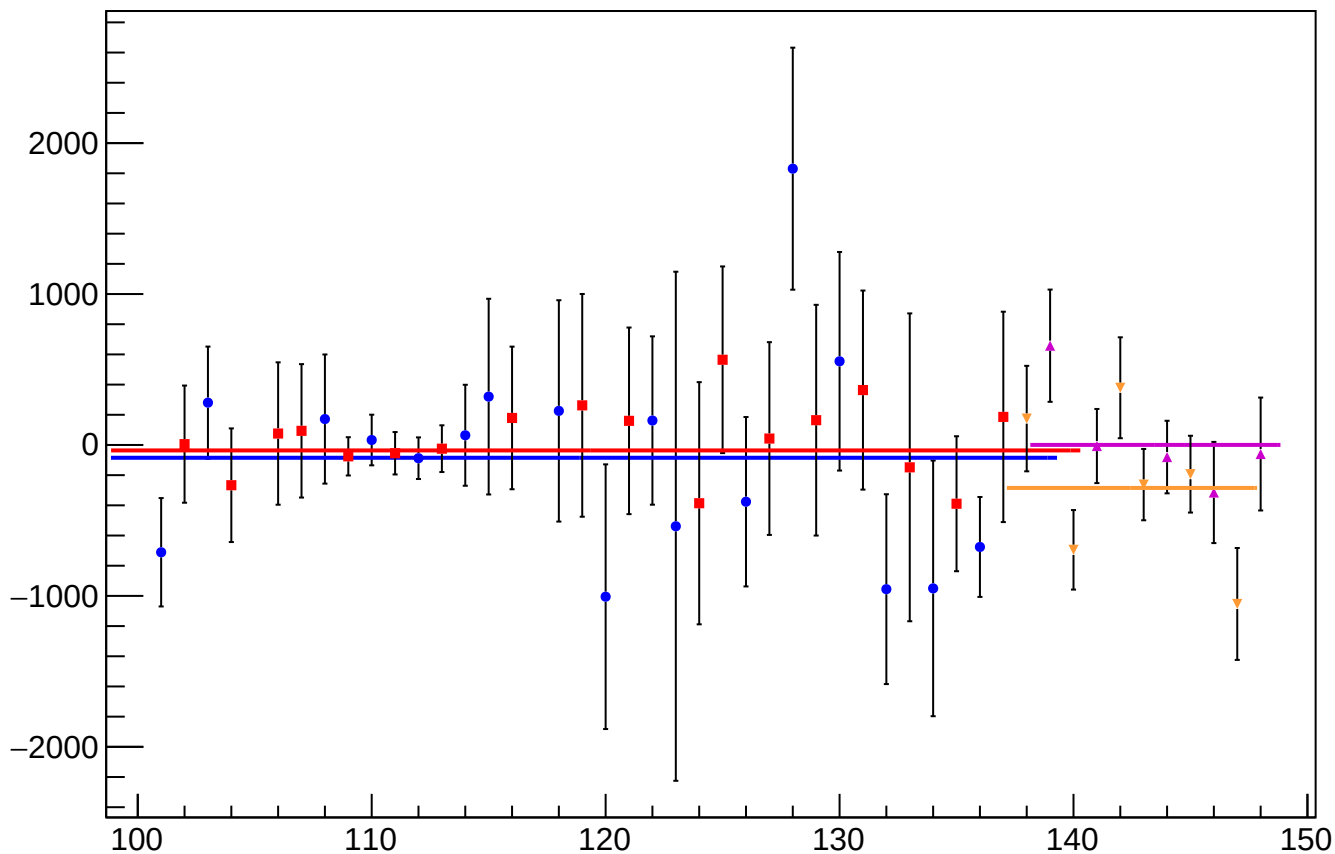
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16
 Left Out: 66.933 $\pm$ 0.023 χ^2/NDF :109083.6/5
 Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17
 Left In: 64.988 $\pm$ 0.023 χ^2/NDF :14532.5/4

Left: 65.943 $\pm$ 0.016 χ^2/NDF : 127213.3/10
 Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34
 In: 66.611 $\pm$ 0.014 χ^2/NDF :305995.3/21
 Out: 67.770 $\pm$ 0.014 χ^2/NDF :345544.7/23
 All: 67.190 $\pm$ 0.010 χ^2/NDF : 654748.8/45

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -284.614 $\pm$ 117.696 χ^2/NDF : 12.5/5

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 0.407 $\pm$ 132.264 χ^2/NDF : 4.1/4

Left: -158.659 $\pm$ 87.925 χ^2/NDF : 19.3/10

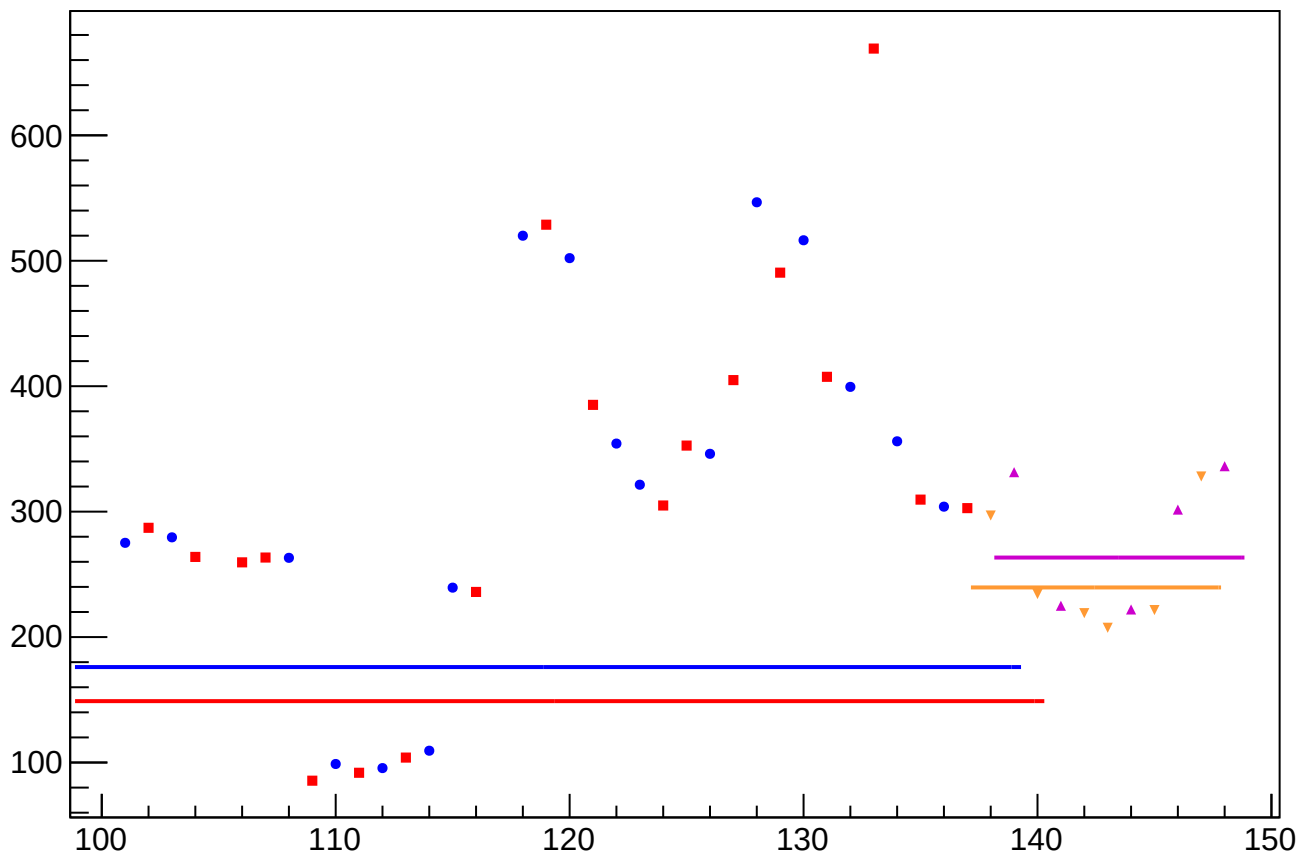
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -60.835 $\pm$ 70.101 χ^2/NDF : 24.3/21

Out: -100.718 $\pm$ 60.004 χ^2/NDF : 19.3/23

All: -83.853 $\pm$ 45.585 χ^2/NDF : 43.8/45

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 239.566+/-0.083 χ^2/NDF : 223098.7/5

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 263.393+/-0.094 χ^2/NDF : 277088.4/4

Left: 250.095+/-0.062 χ^2/NDF : 536410.8/10

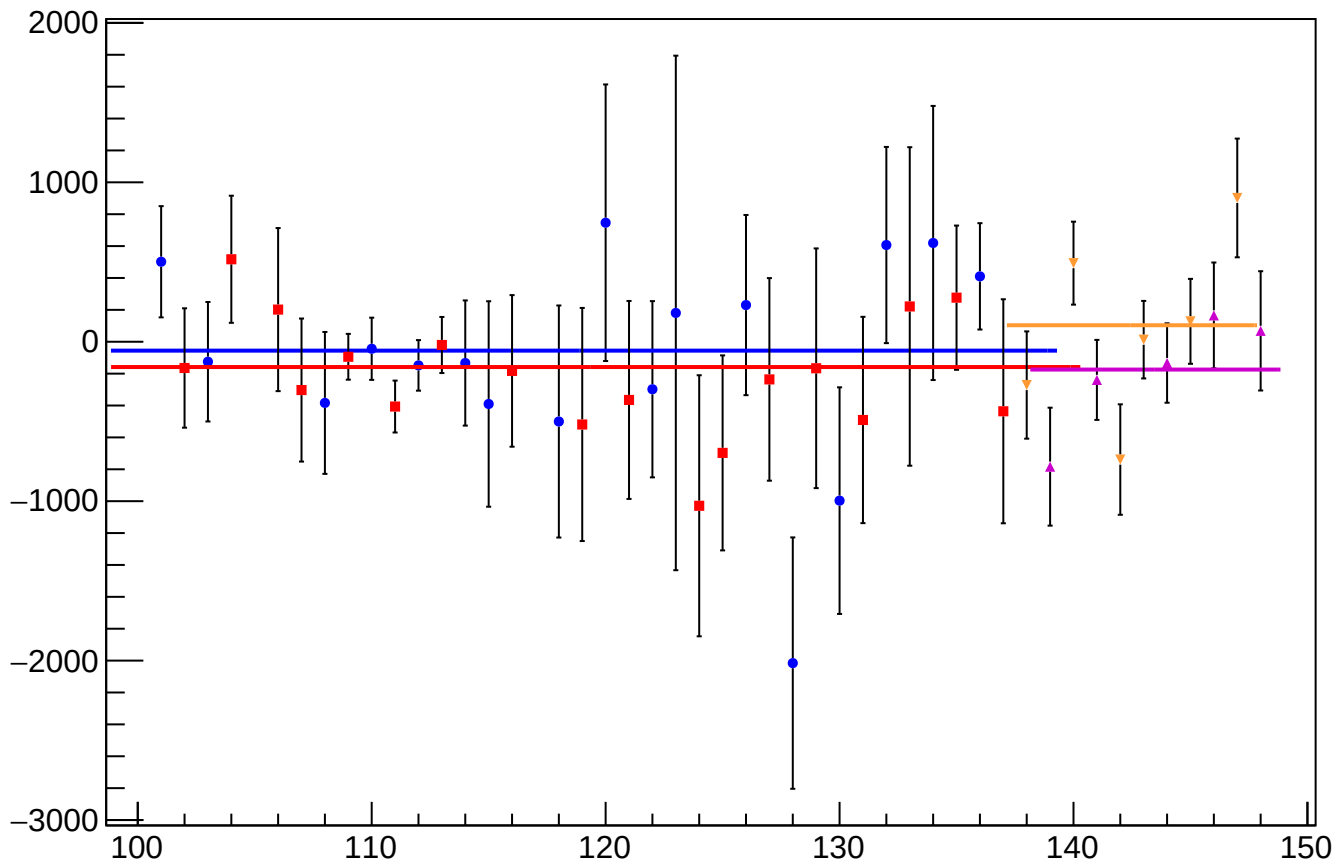
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 200.619+/-0.050 χ^2/NDF : 5127242.0/21

Out: 172.489+/-0.042 χ^2/NDF : 5871750.7/23

All: 184.384+/-0.032 χ^2/NDF : 11184850.5/45

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 103.495 ± 119.383 $\chi^2/\text{NDF}: 14.1/5$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -174.480 ± 134.199 $\chi^2/\text{NDF}: 4.3/4$

Left: -19.307 ± 89.197 $\chi^2/\text{NDF}: 20.8/10$

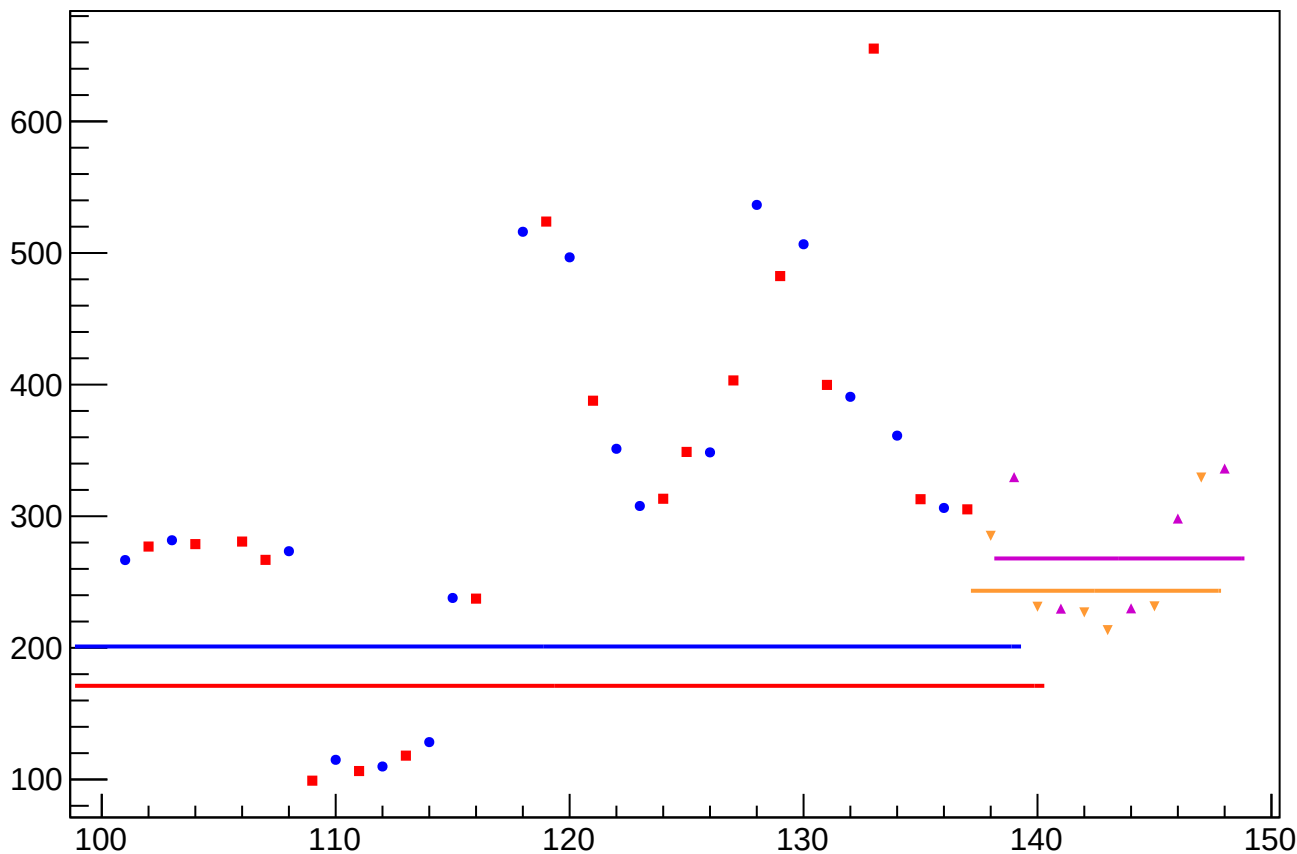
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -92.889 ± 75.074 $\chi^2/\text{NDF}: 22.0/21$

Out: -81.552 ± 64.751 $\chi^2/\text{NDF}: 27.9/23$

All: -86.388 ± 49.033 $\chi^2/\text{NDF}: 49.9/45$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 243.379+/-0.084 χ^2/NDF :180657.0/5

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 267.917+/-0.095 χ^2/NDF :231673.0/4

Left: 254.219+/-0.063 χ^2/NDF : 449657.7/10

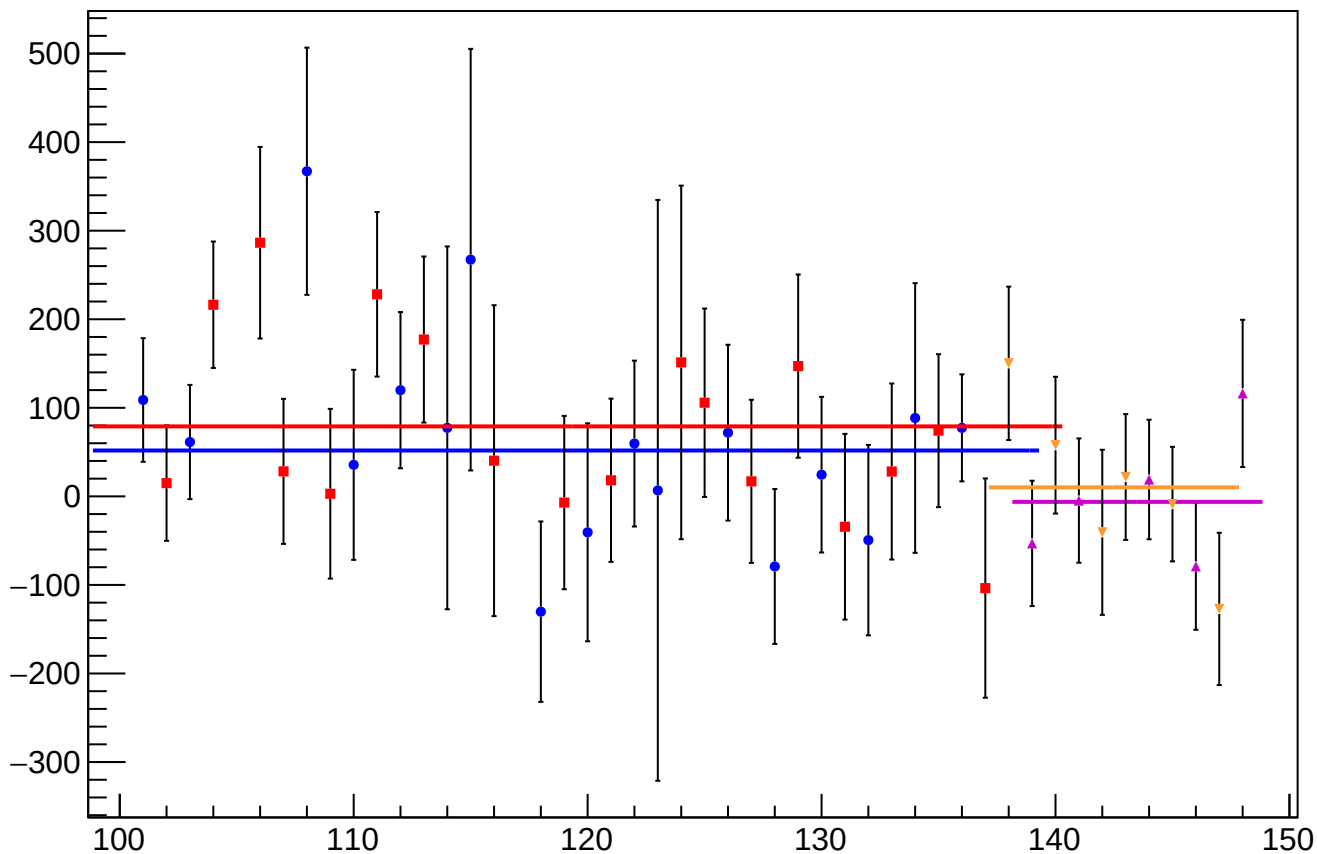
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 221.967+/-0.053 χ^2/NDF :4005989.0/21

Out: 192.404+/-0.046 χ^2/NDF :4762858.3/23

All: 205.015+/-0.035 χ^2/NDF : 8946681.8/45

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 10.204 $\pm$ 31.805 χ^2 /NDF:6.0/5

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: -6.213 $\pm$ 32.246 χ^2 /NDF:3.8/4

Left: 2.109 $\pm$ 22.644 χ^2 /NDF: 9.9/10

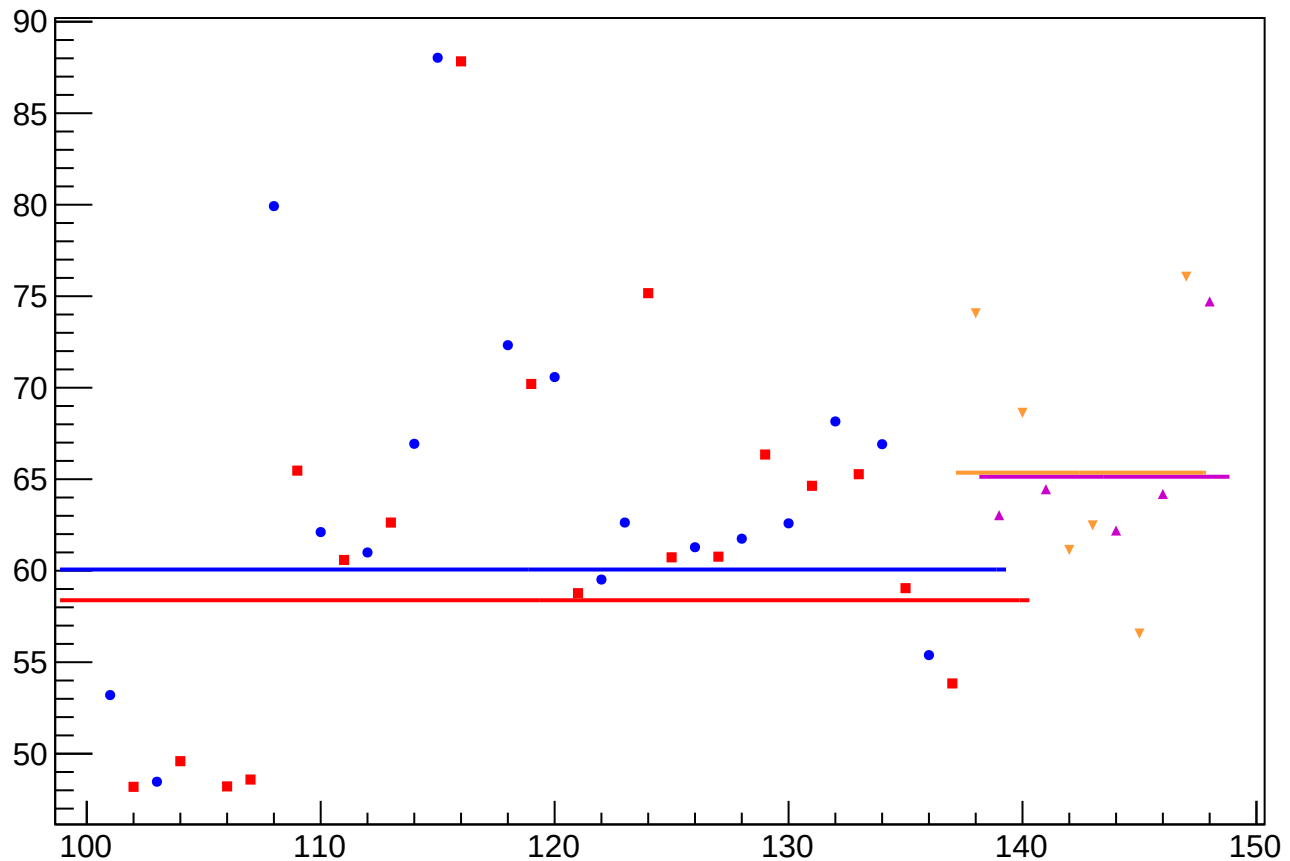
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 31.633 $\pm$ 19.012 χ^2 /NDF:20.4/21

Out: 56.060 $\pm$ 18.368 χ^2 /NDF:28.0/23

All: 44.267 $\pm$ 13.210 χ^2 /NDF: 49.3/45

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.356 $\pm$ 0.022 χ^2 /NDF:99192.9/5

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 65.135 $\pm$ 0.023 χ^2 /NDF:32644.7/4

Left: 65.247 $\pm$ 0.016 χ^2 /NDF: 131885.3/10

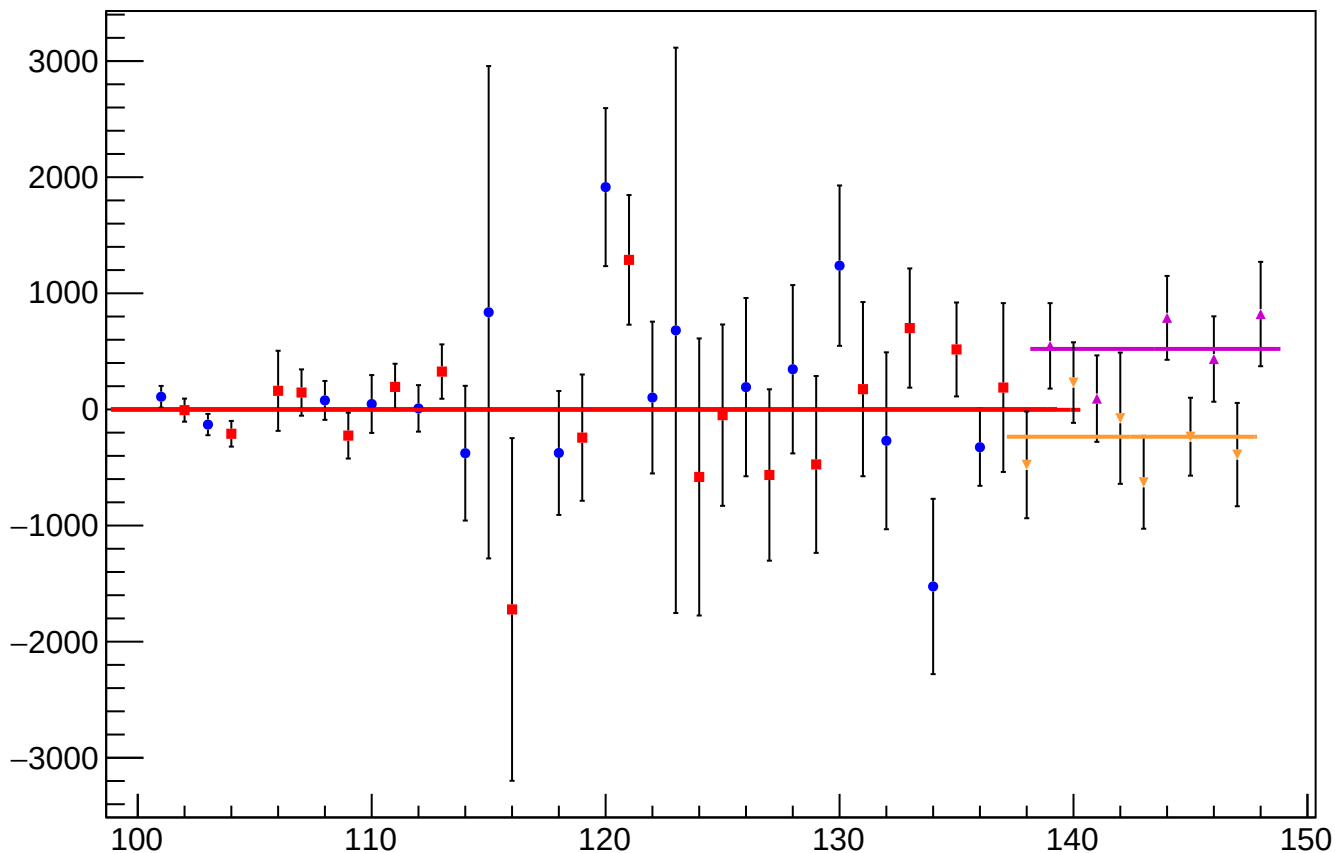
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 61.828 $\pm$ 0.013 χ^2 /NDF:293994.2/21

Out: 60.711 $\pm$ 0.013 χ^2 /NDF:438211.2/23

All: 61.250 $\pm$ 0.009 χ^2 /NDF: 735771.7/45

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -235.234+/-165.818 χ^2/NDF : 3.2/5

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 521.087+/-169.987 χ^2/NDF : 2.4/4

Left: 133.538+/-118.698 χ^2/NDF : 15.8/10

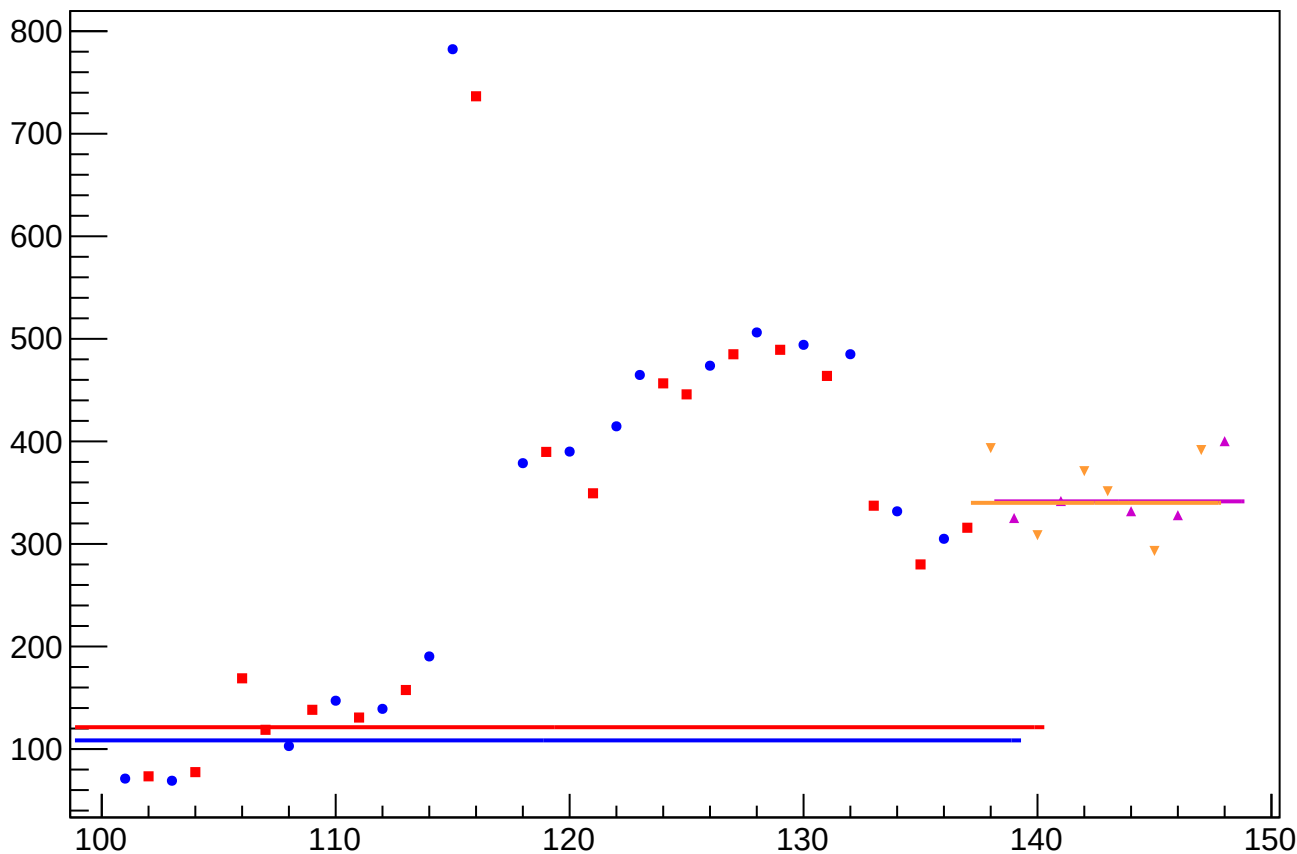
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 49.657+/-51.711 χ^2/NDF : 32.2/21

Out: -27.460+/-53.575 χ^2/NDF : 25.2/23

All: 12.463+/-37.207 χ^2/NDF : 58.5/45

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 340.087 $\pm$ 0.117 χ^2 /NDF: 116959.1/5

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 341.522 $\pm$ 0.120 χ^2 /NDF: 42103.2/4

Left: 340.787 $\pm$ 0.084 χ^2 /NDF: 159135.5/10

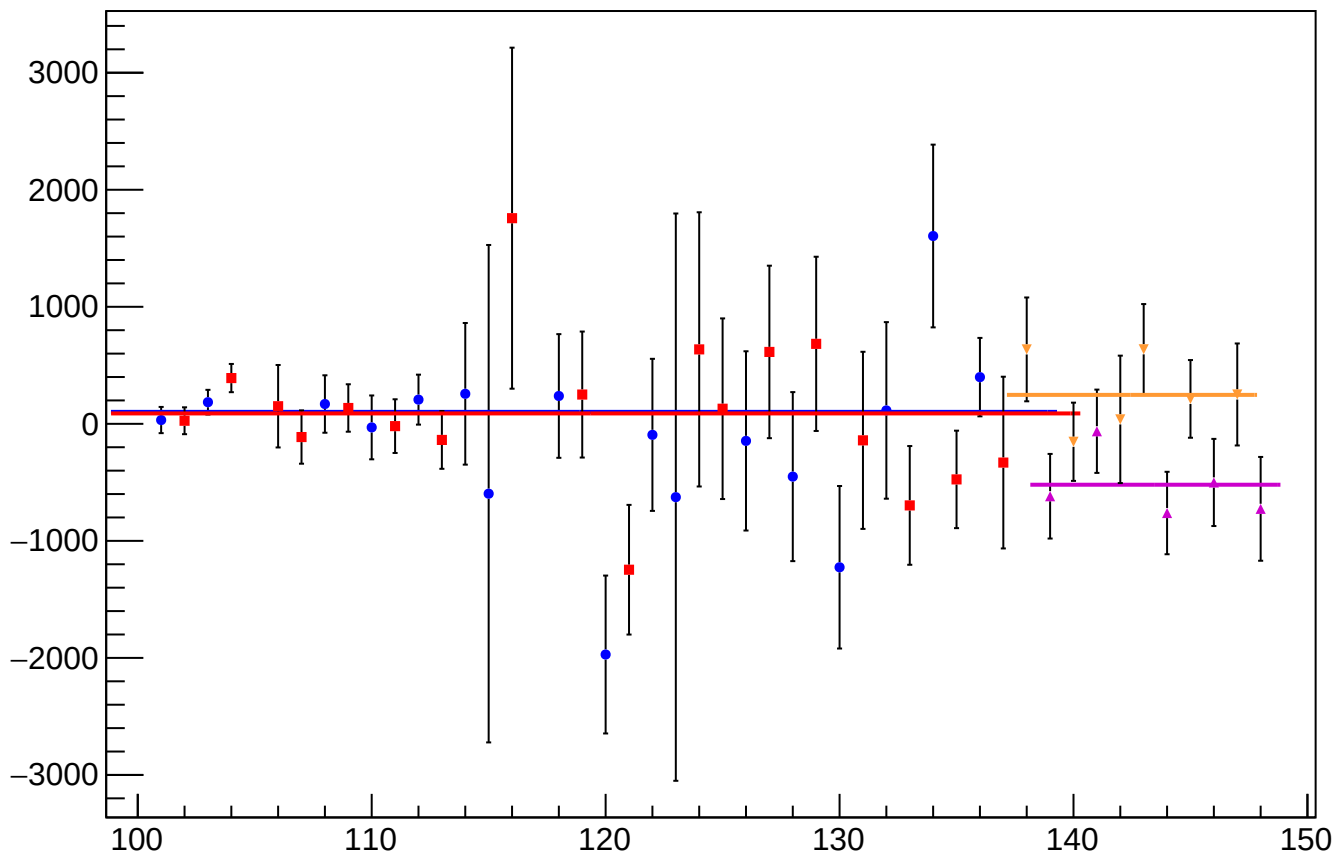
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 130.014 $\pm$ 0.037 χ^2 /NDF: 8858338.1/21

Out: 144.142 $\pm$ 0.038 χ^2 /NDF: 7966797.6/23

All: 136.828 $\pm$ 0.026 χ^2 /NDF: 16897135.1/45

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 247.367 $\pm$ 161.270 χ^2 /NDF:3.4/5

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -520.331 $\pm$ 166.882 χ^2 /NDF:2.4/4

Left: -123.356 $\pm$ 115.968 χ^2 /NDF: 16.7/10

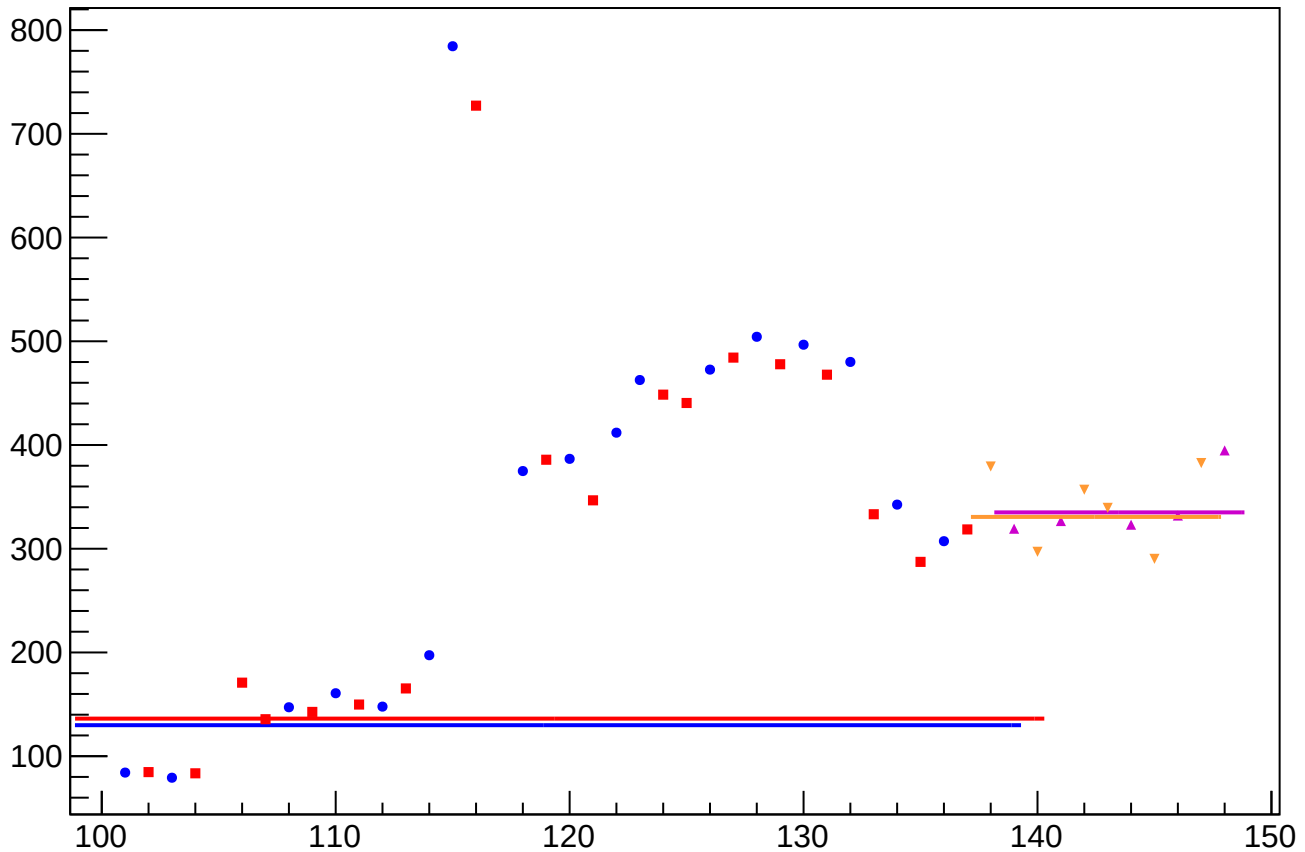
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 24.290 $\pm$ 59.044 χ^2 /NDF:34.8/21

Out: 109.386 $\pm$ 58.058 χ^2 /NDF:26.0/23

All: 67.555 $\pm$ 41.397 χ^2 /NDF: 61.9/45

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 330.667+/-0.114 χ^2/NDF : 107998.8/5

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 335.043+/-0.118 χ^2/NDF : 43587.3/4

Left: 332.780+/-0.082 χ^2/NDF : 152297.3/10

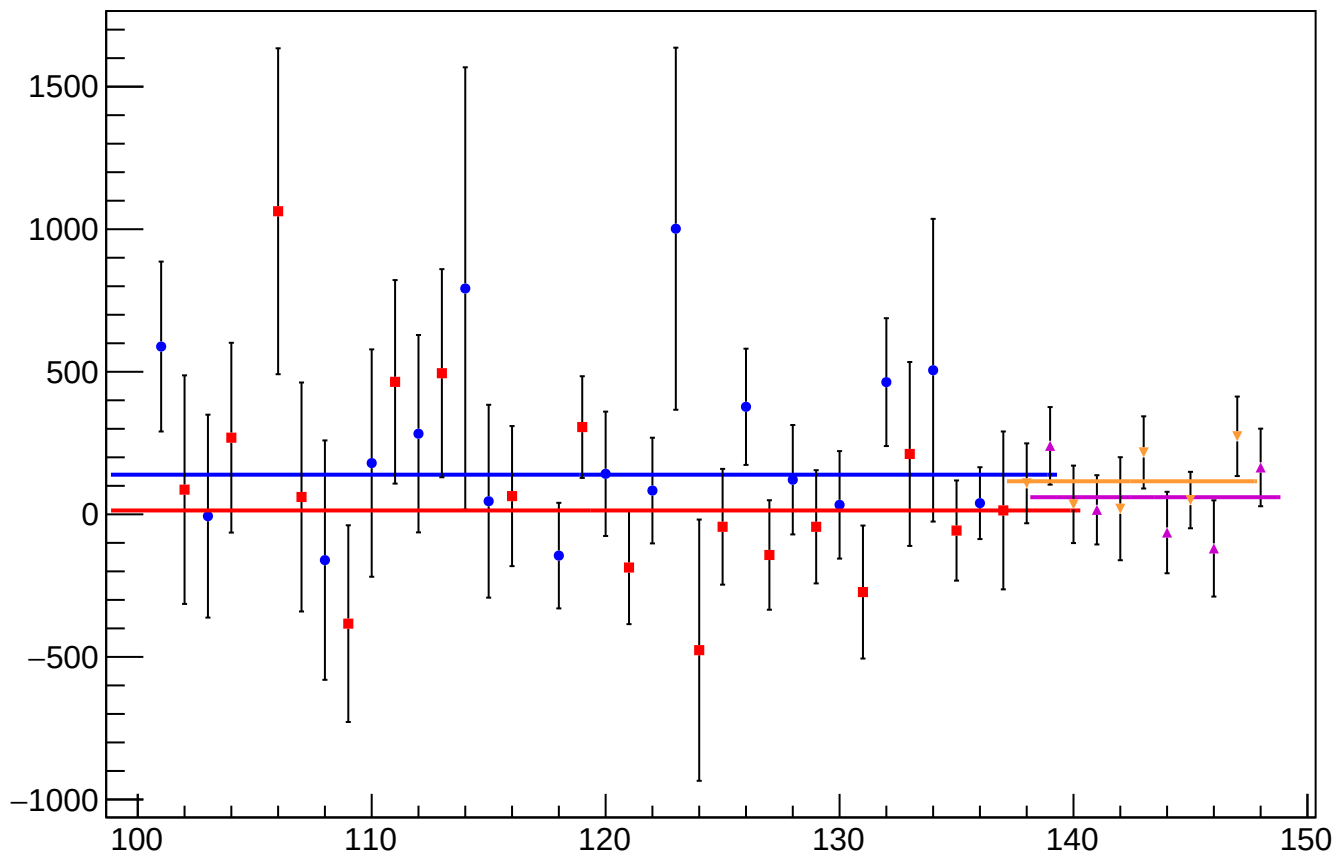
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 155.566+/-0.042 χ^2/NDF : 7517401.5/21

Out: 161.425+/-0.041 χ^2/NDF : 6921375.1/23

All: 158.545+/-0.029 χ^2/NDF : 14448790.9/45

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 116.004 $\pm$ 53.320 χ^2 /NDF: 3.0/5

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 60.136 $\pm$ 62.017 χ^2 /NDF: 4.4/4

Left: 92.259 $\pm$ 40.431 χ^2 /NDF: 7.8/10

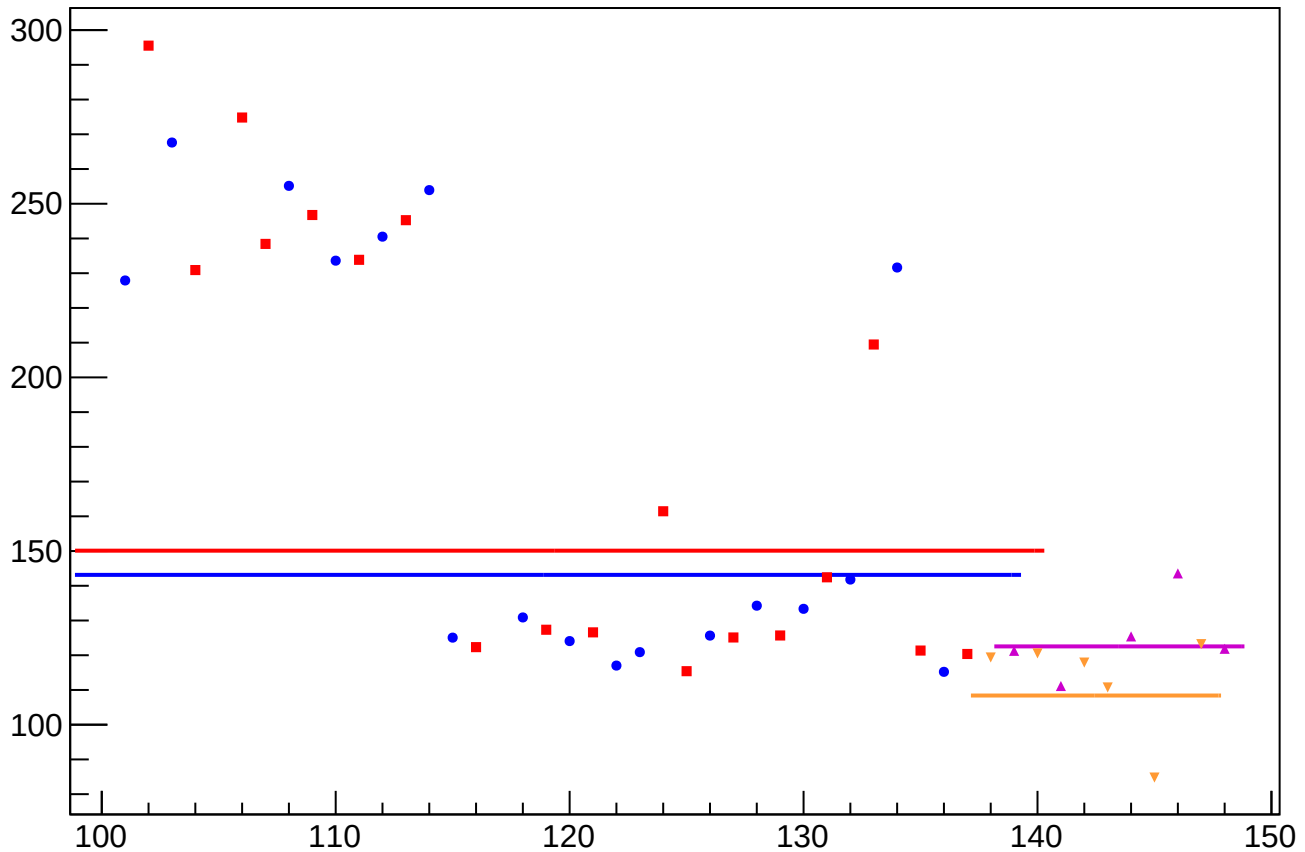
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 102.267 $\pm$ 42.354 χ^2 /NDF: 18.3/21

Out: 70.941 $\pm$ 39.894 χ^2 /NDF: 21.1/23

All: 85.667 $\pm$ 29.040 χ^2 /NDF: 39.7/45

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 108.401 $\pm$ 0.038 χ^2 /NDF: 170816.3/5

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 122.545 $\pm$ 0.044 χ^2 /NDF: 49677.2/4

Left: 114.412 $\pm$ 0.029 χ^2 /NDF: 280304.4/10

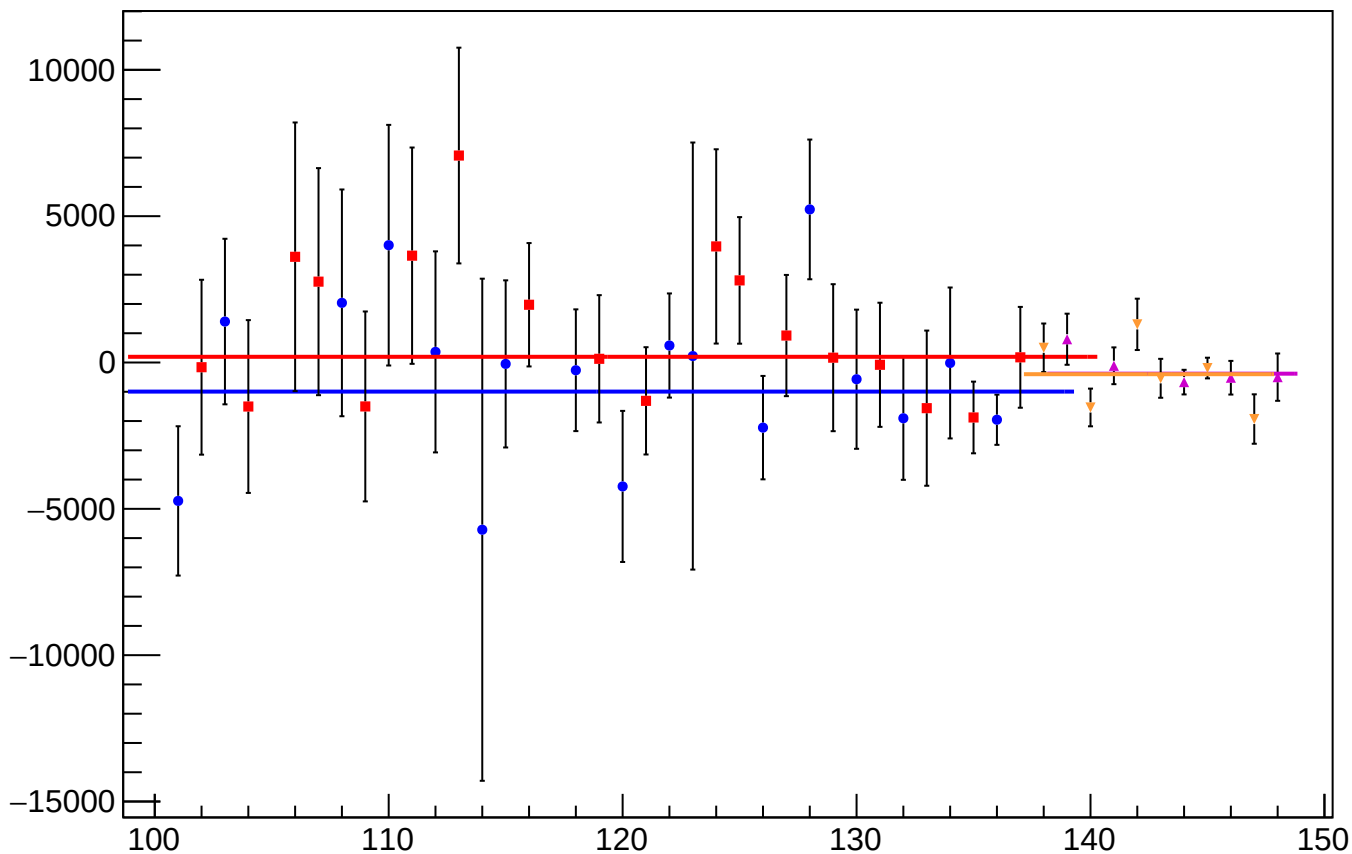
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 133.534 $\pm$ 0.030 χ^2 /NDF: 1268634.7/21

Out: 126.762 $\pm$ 0.028 χ^2 /NDF: 2042296.3/23

All: 129.945 $\pm$ 0.021 χ^2 /NDF: 3338027.2/45

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -399.366 ± 243.782 $\chi^2/\text{NDF}: 11.8/5$

Right Out: 195.049 ± 543.821 $\chi^2/\text{NDF}: 13.5/17$

Left In: -381.797 ± 266.832 $\chi^2/\text{NDF}: 2.6/4$

Left: -391.373 ± 179.978 $\chi^2/\text{NDF}: 14.3/10$

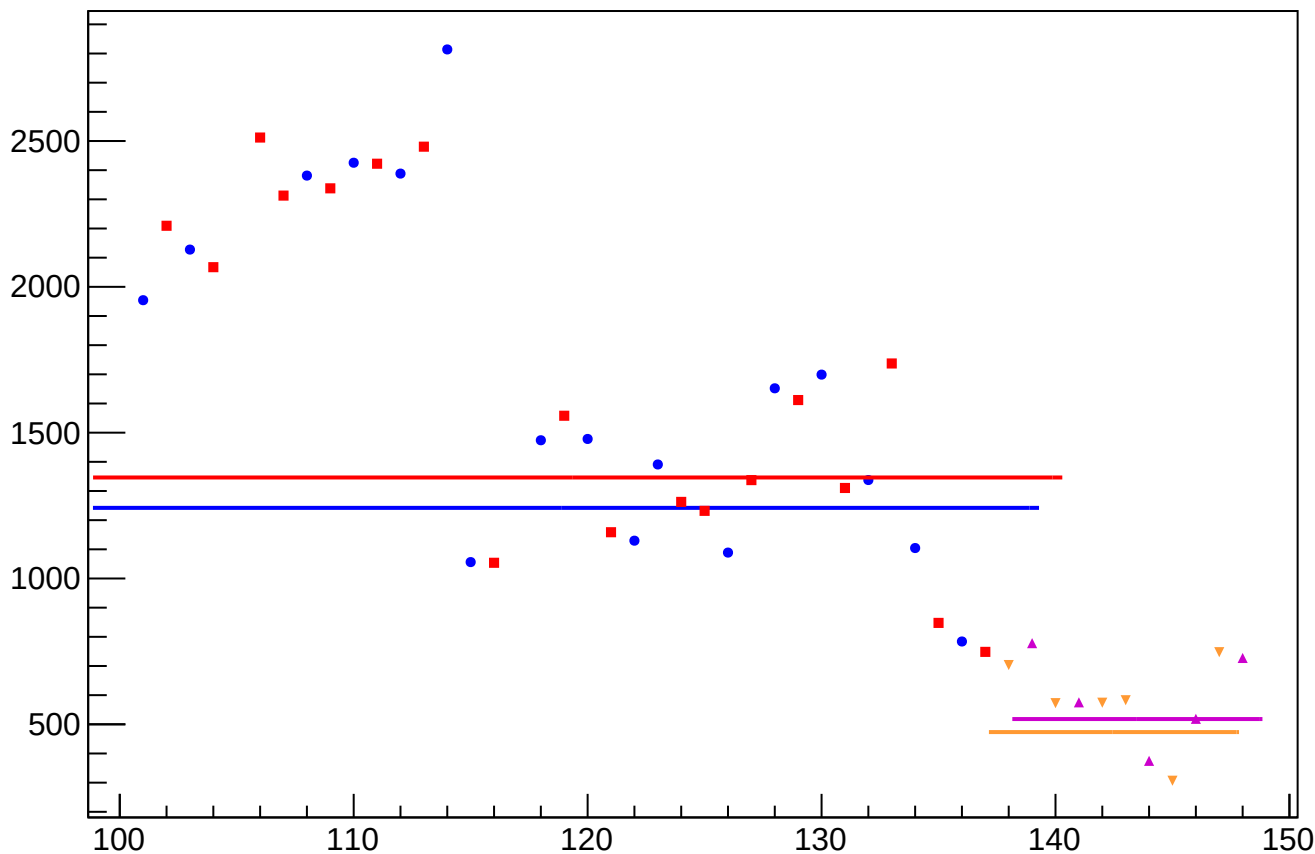
Right: -430.023 ± 374.493 $\chi^2/\text{NDF}: 33.0/34$

In: -510.737 ± 237.062 $\chi^2/\text{NDF}: 20.6/21$

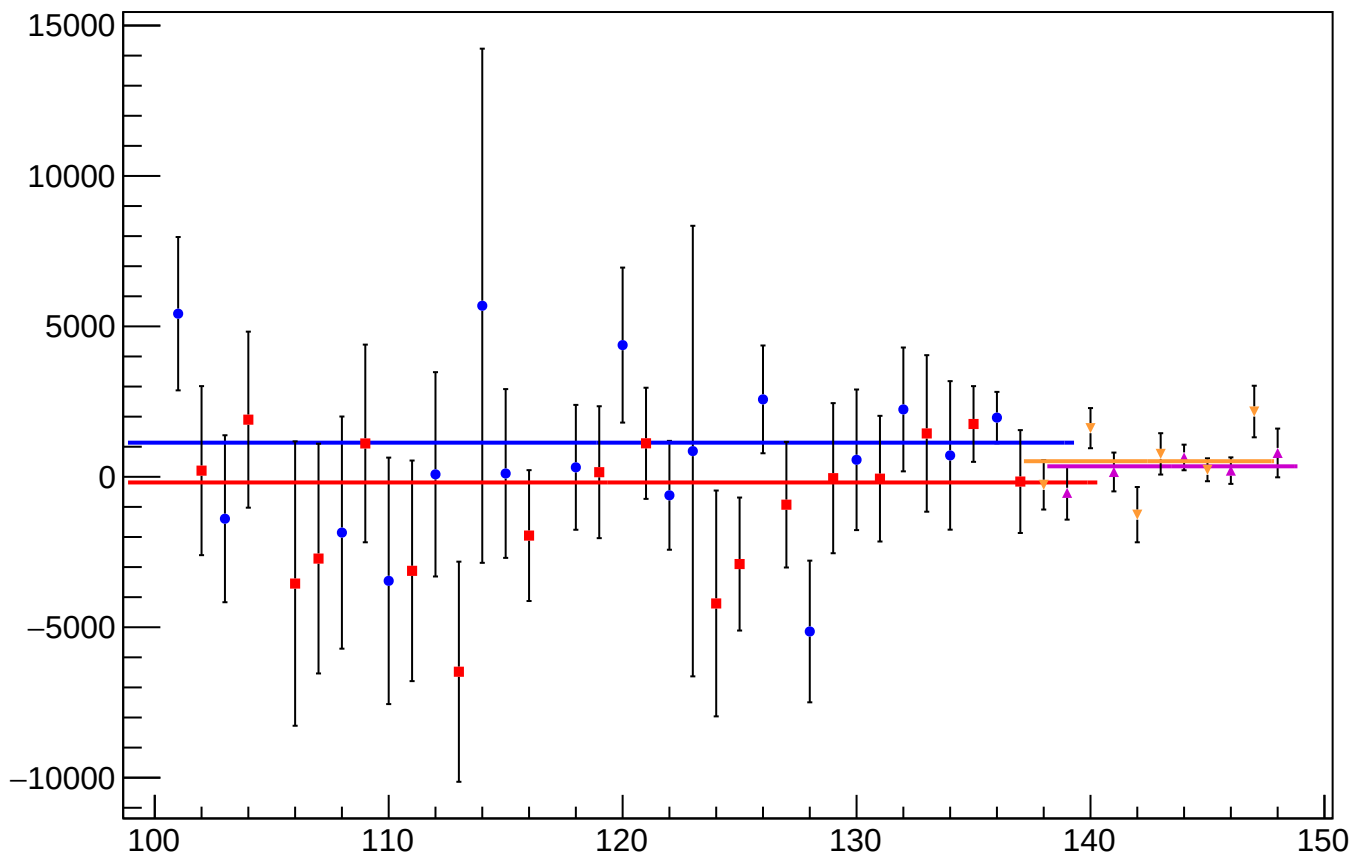
Out: -299.905 ± 222.454 $\chi^2/\text{NDF}: 26.3/23$

All: -398.625 ± 162.217 $\chi^2/\text{NDF}: 47.3/45$

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 518.947 $\pm$ 255.774 χ^2 /NDF: 11.8/5

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 349.060 $\pm$ 251.143 χ^2 /NDF: 1.9/4

Left: 432.452 $\pm$ 179.200 χ^2 /NDF: 13.9/10

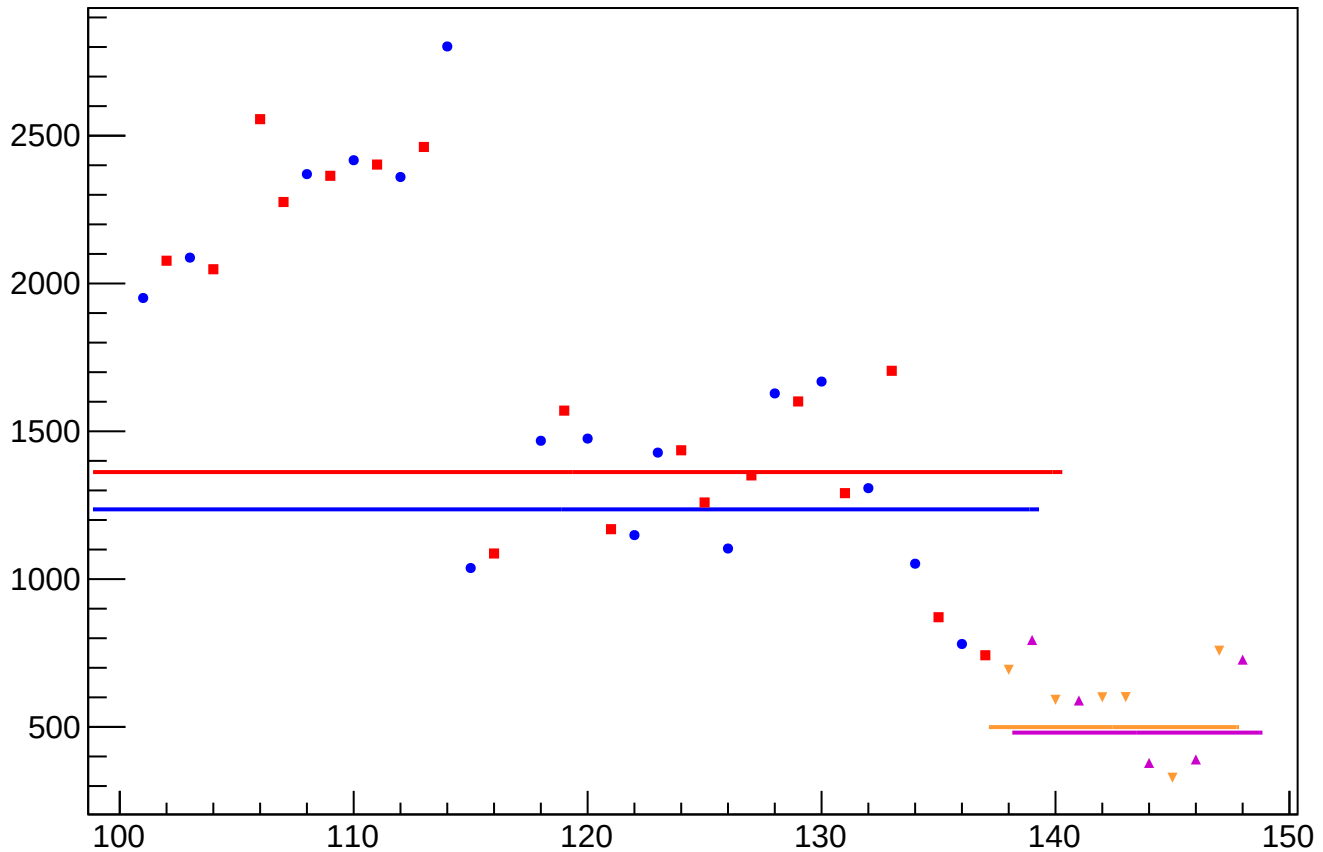
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 500.683 $\pm$ 225.629 χ^2 /NDF: 21.6/21

Out: 392.650 $\pm$ 231.786 χ^2 /NDF: 25.1/23

All: 448.120 $\pm$ 161.677 χ^2 /NDF: 46.8/45

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 ± 0.363 χ^2/NDF : 1745716.2/16

Left Out: 499.349 ± 0.181 χ^2/NDF : 803400.4/5

Right Out: 1362.092 ± 0.388 χ^2/NDF : 1709253.2/17

Left In: 480.718 ± 0.178 χ^2/NDF : 691003.2/4

Left: 489.864 ± 0.127 χ^2/NDF : 1499806.3/10

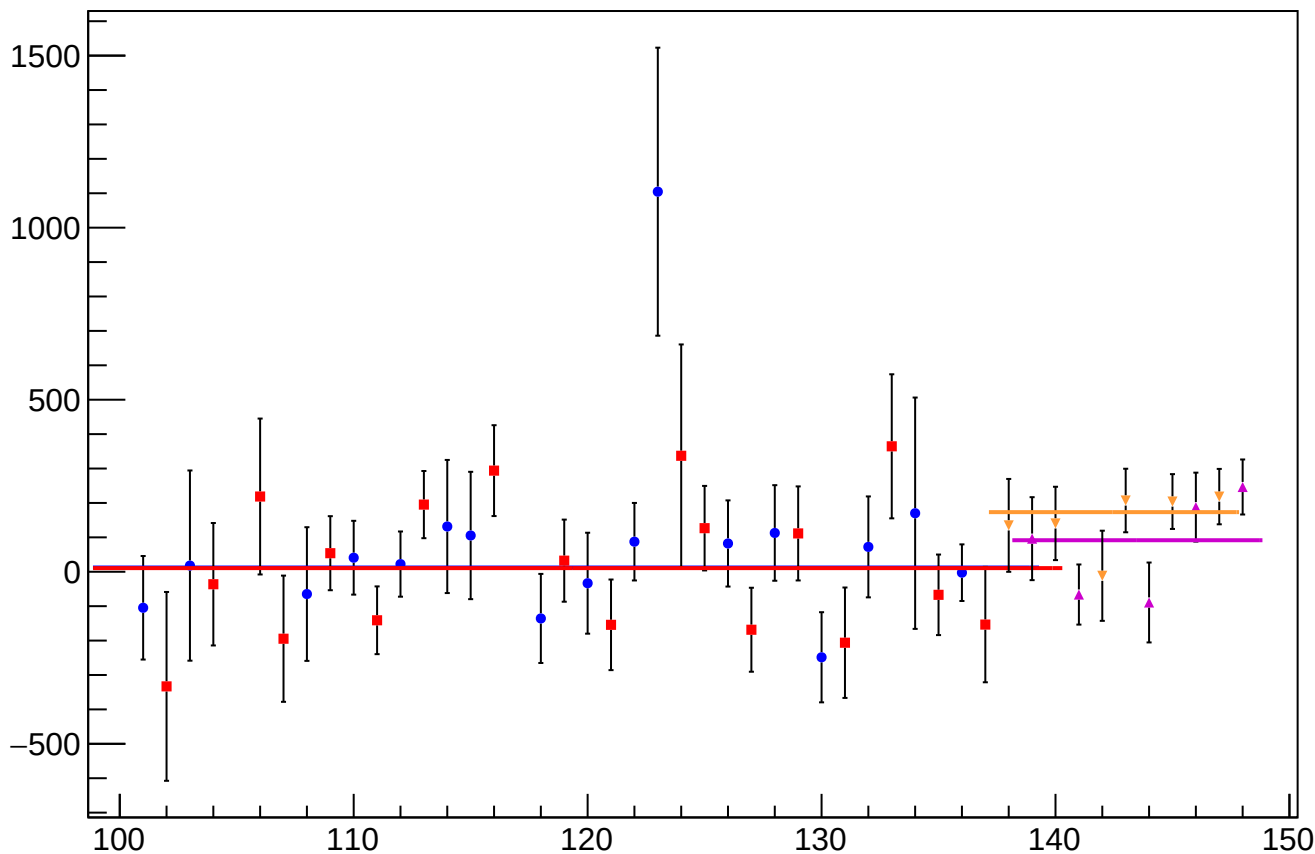
Right: 1294.931 ± 0.265 χ^2/NDF : 3511356.6/34

In: 626.373 ± 0.160 χ^2/NDF : 5924795.1/21

Out: 653.587 ± 0.164 χ^2/NDF : 6580738.8/23

All: 639.614 ± 0.114 χ^2/NDF : 12519689.8/45

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 173.288+/-39.827 χ^2/NDF : 2.8/5

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 91.638+/-43.434 χ^2/NDF : 10.4/4

Left: 135.993+/-29.355 χ^2/NDF : 15.0/10

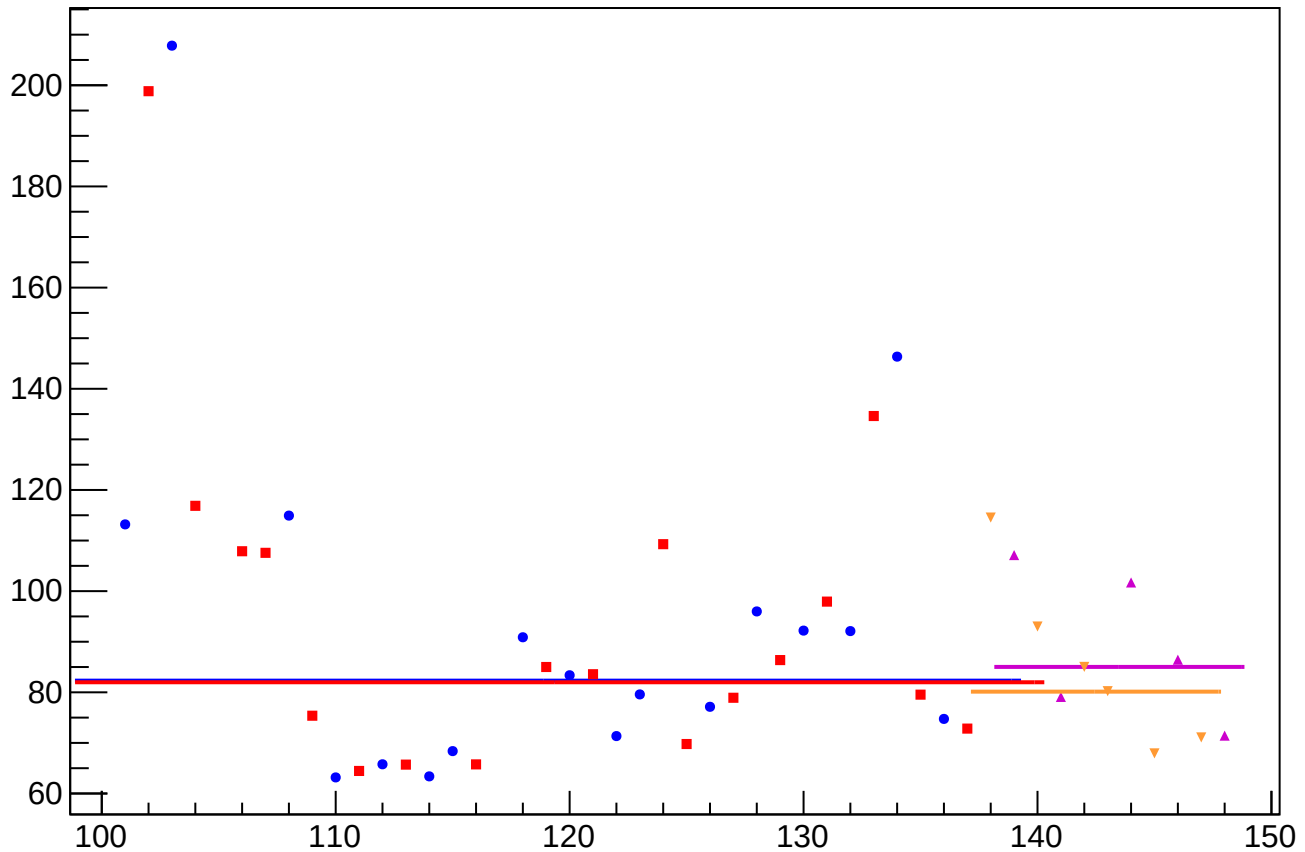
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 41.596+/-26.391 χ^2/NDF : 27.8/21

Out: 75.879+/-25.229 χ^2/NDF : 39.5/23

All: 59.508+/-18.237 χ^2/NDF : 68.2/45

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 80.133+/-0.028 χ^2/NDF : 234256.9/5

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 85.023+/-0.031 χ^2/NDF : 175972.0/4

Left: 82.367+/-0.021 χ^2/NDF : 423996.4/10

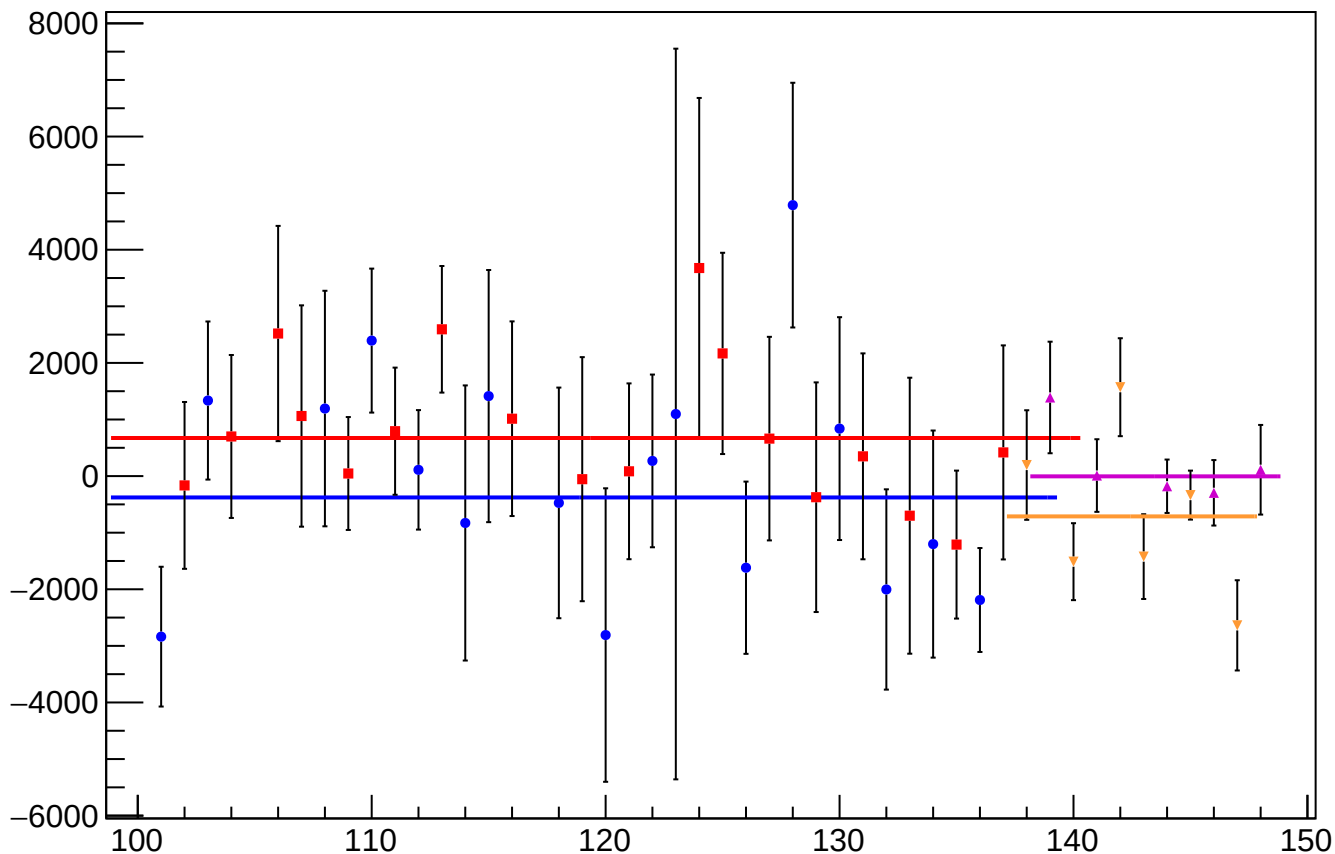
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 83.309+/-0.019 χ^2/NDF : 1049651.1/21

Out: 81.243+/-0.018 χ^2/NDF : 1090068.7/23

All: 82.230+/-0.013 χ^2/NDF : 2146120.7/45

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -712.159 ± 274.572 $\chi^2/\text{NDF}: 16.7/5$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: -4.537 ± 282.459 $\chi^2/\text{NDF}: 2.4/4$

Left: -368.364 ± 196.881 $\chi^2/\text{NDF}: 22.4/10$

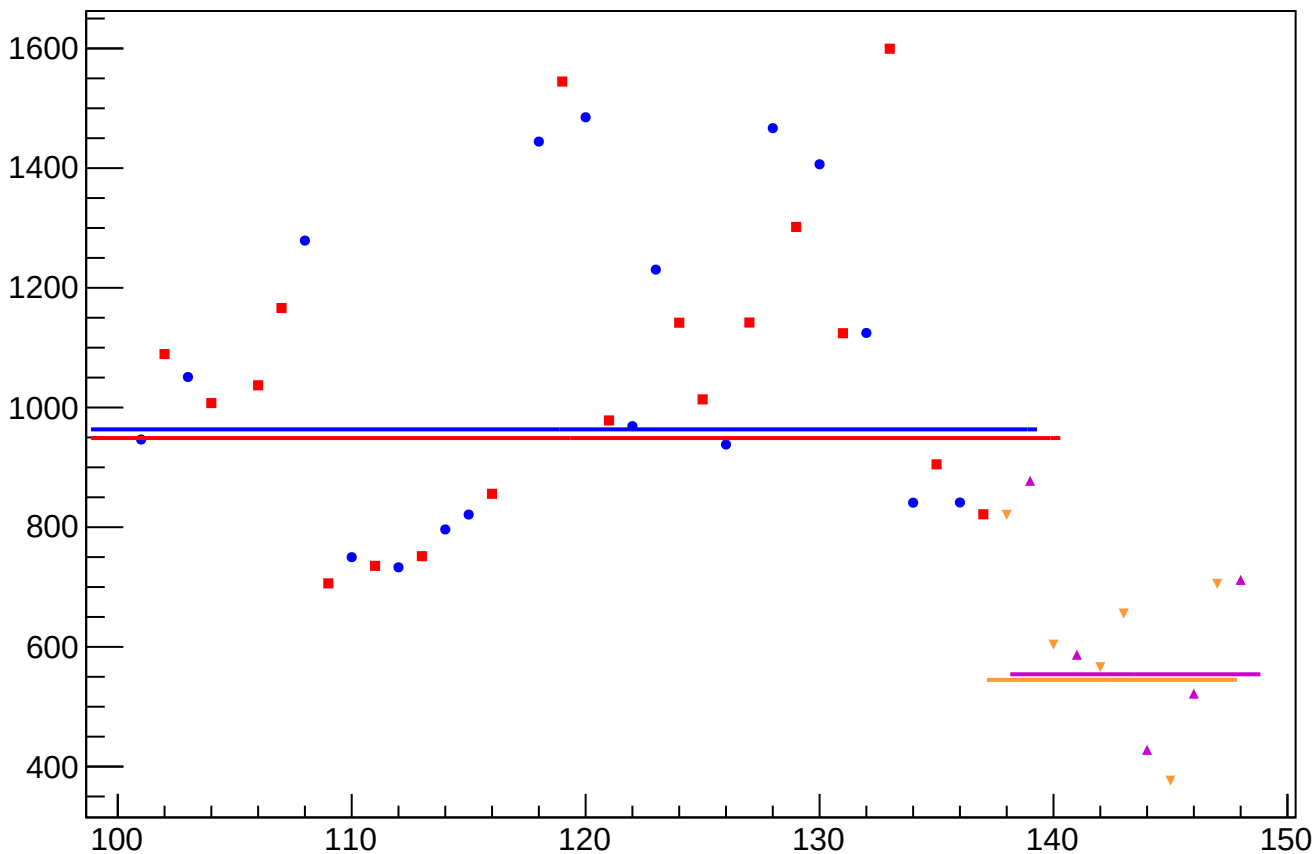
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -135.469 ± 227.512 $\chi^2/\text{NDF}: 27.5/21$

Out: -217.816 ± 220.200 $\chi^2/\text{NDF}: 35.2/23$

All: -177.987 ± 158.227 $\chi^2/\text{NDF}: 62.7/45$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2/NDF : 688873.3/16

Left Out: 544.916 $\pm$ 0.194 χ^2/NDF : 605938.7/5

Right Out: 948.947 $\pm$ 0.261 χ^2/NDF : 729378.3/17

Left In: 554.228 $\pm$ 0.200 χ^2/NDF : 449226.5/4

Left: 549.440 $\pm$ 0.139 χ^2/NDF : 1056282.9/10

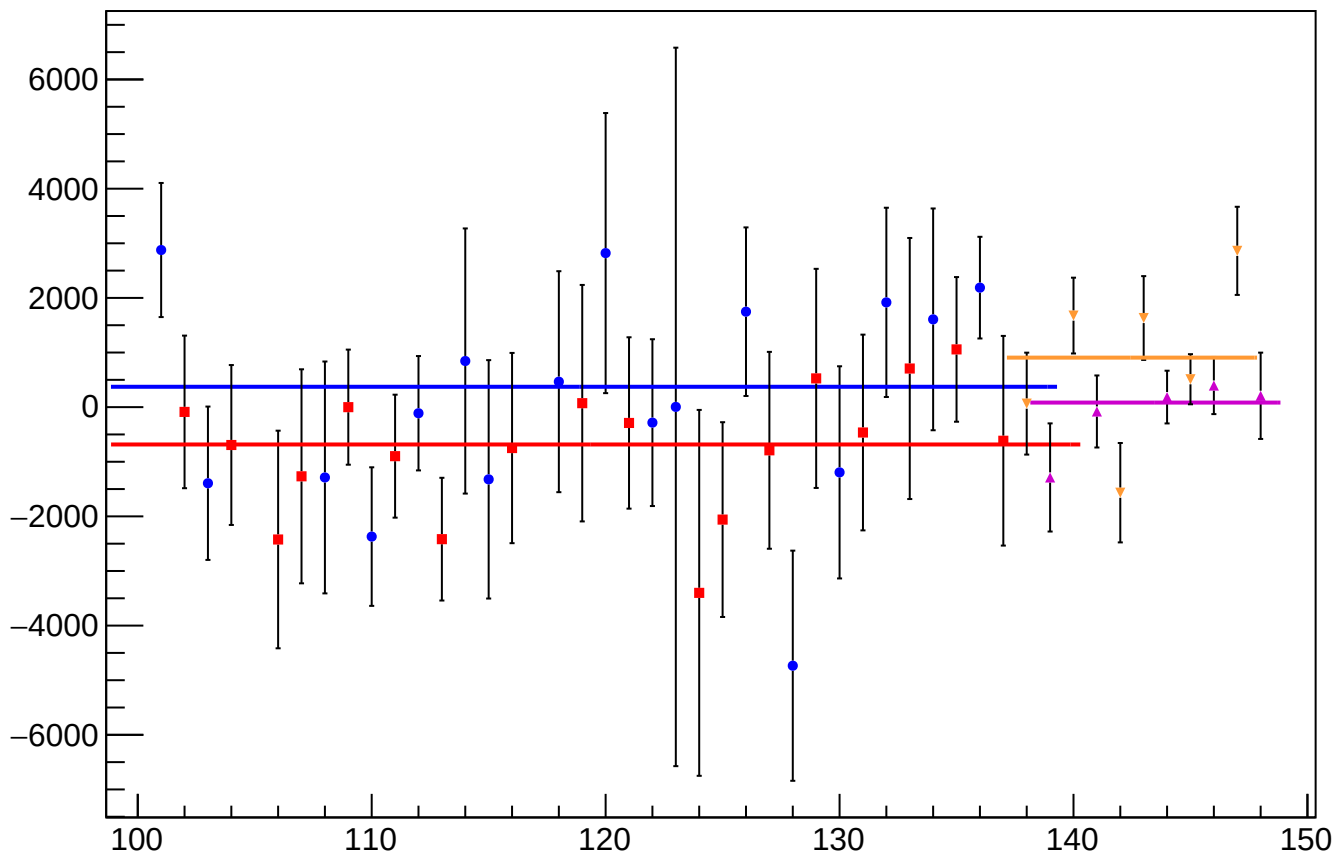
Right: 955.914 $\pm$ 0.188 χ^2/NDF : 1419740.5/34

In: 697.962 $\pm$ 0.161 χ^2/NDF : 2612637.0/21

Out: 689.089 $\pm$ 0.156 χ^2/NDF : 2880626.4/23

All: 693.380 $\pm$ 0.112 χ^2/NDF : 5494833.9/45

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 906.713+/-283.792 χ^2/NDF : 16.9/5

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 83.518+/-278.748 χ^2/NDF : 2.4/4

Left: 487.735+/-198.864 χ^2/NDF : 23.6/10

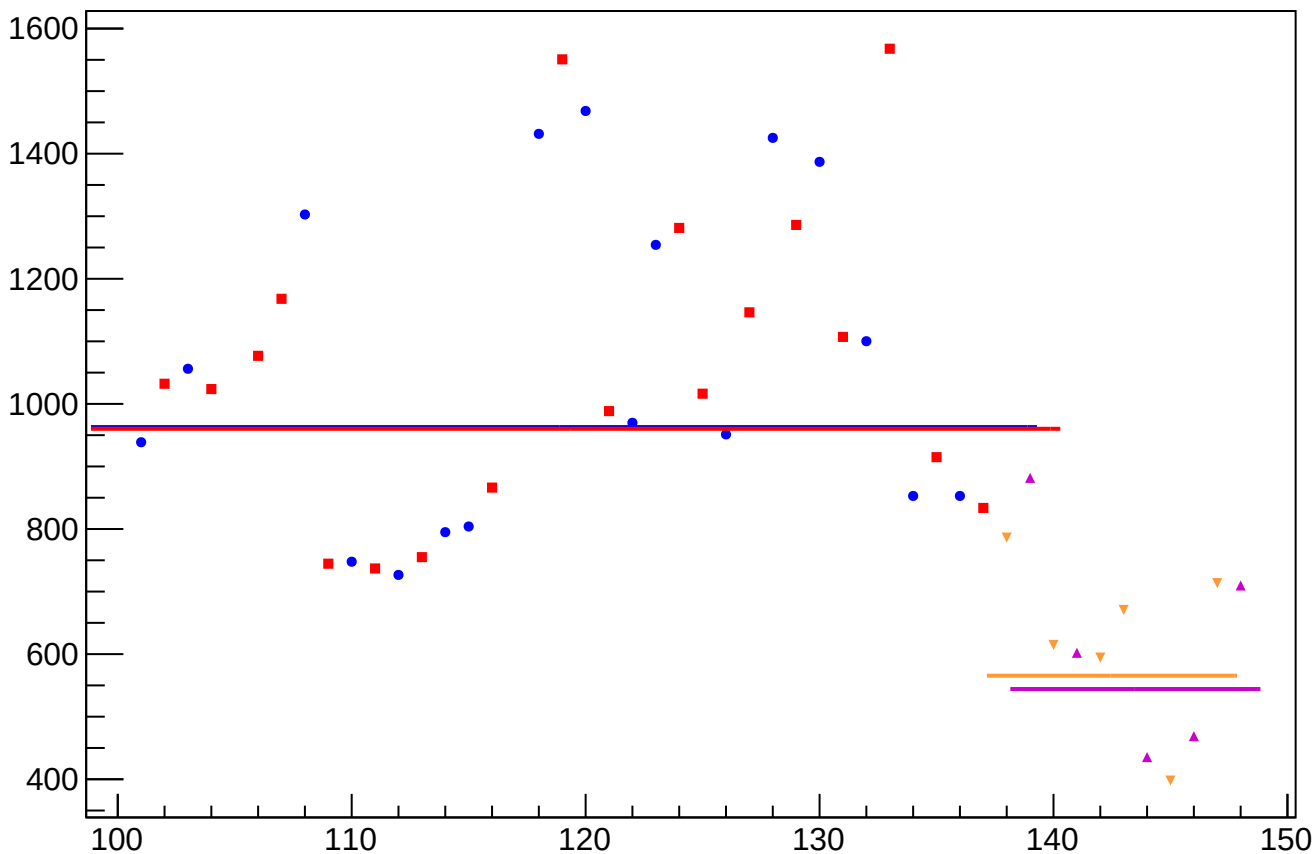
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 183.496+/-225.511 χ^2/NDF : 28.0/21

Out: 322.488+/-225.724 χ^2/NDF : 36.2/23

All: 252.927+/-159.536 χ^2/NDF : 64.5/45

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 565.537 $\pm$ 0.201 χ^2 /NDF: 495945.6/5

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 544.217 $\pm$ 0.197 χ^2 /NDF: 478781.0/4

Left: 554.686 $\pm$ 0.141 χ^2 /NDF: 980471.9/10

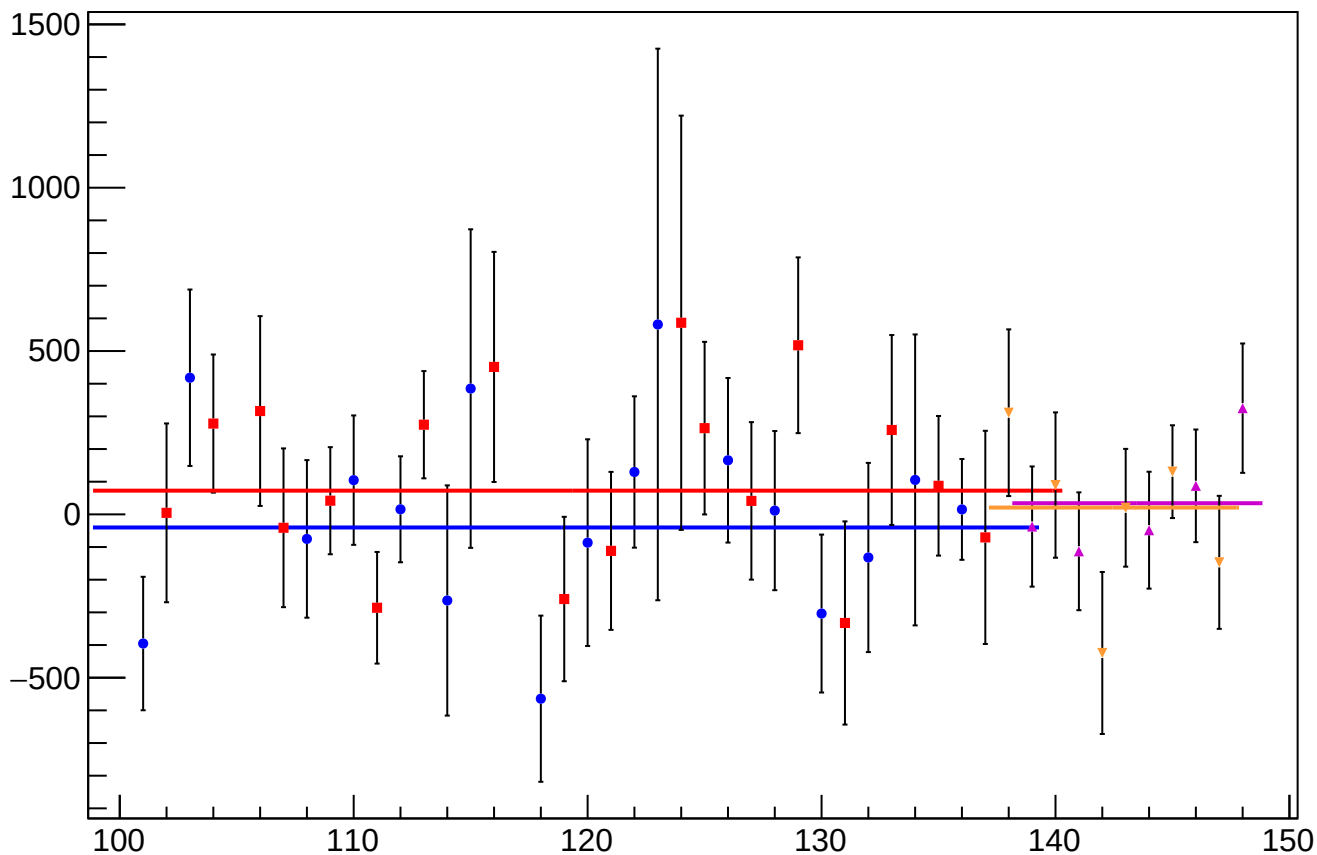
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 688.893 $\pm$ 0.159 χ^2 /NDF: 2705731.8/21

Out: 710.528 $\pm$ 0.160 χ^2 /NDF: 2588028.3/23

All: 699.700 $\pm$ 0.113 χ^2 /NDF: 5302954.8/45

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 20.814 ± 79.989 $\chi^2/\text{NDF}: 5.9/5$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 34.146 ± 81.467 $\chi^2/\text{NDF}: 3.3/4$

Left: 27.358 ± 57.076 $\chi^2/\text{NDF}: 9.2/10$

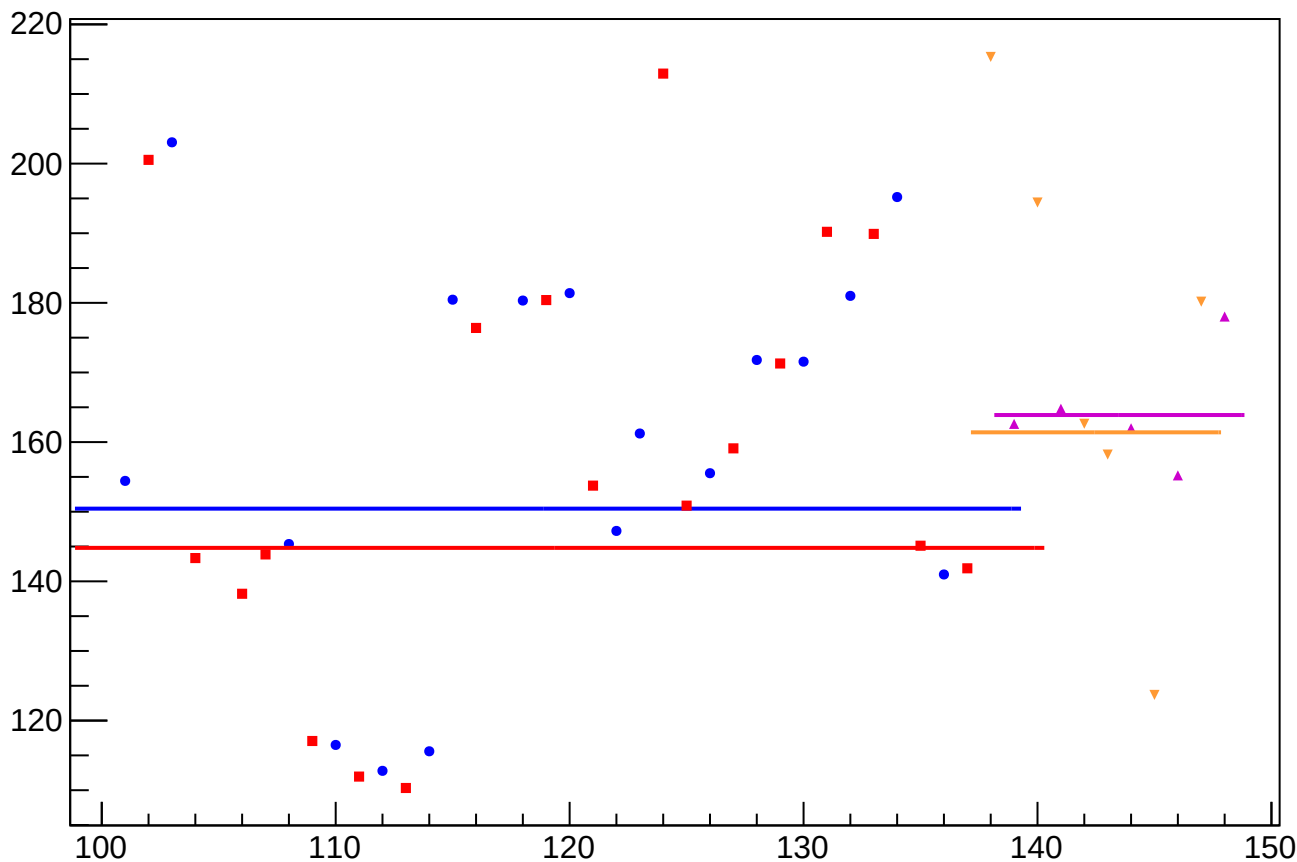
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: -14.425 ± 47.920 $\chi^2/\text{NDF}: 19.2/21$

Out: 55.443 ± 46.047 $\chi^2/\text{NDF}: 23.8/23$

All: 21.902 ± 33.203 $\chi^2/\text{NDF}: 44.0/45$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 161.402 $\pm$ 0.057 χ^2 /NDF:292080.2/5

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 163.889 $\pm$ 0.058 χ^2 /NDF:15640.4/4

Left: 162.623 $\pm$ 0.040 χ^2 /NDF: 308669.5/10

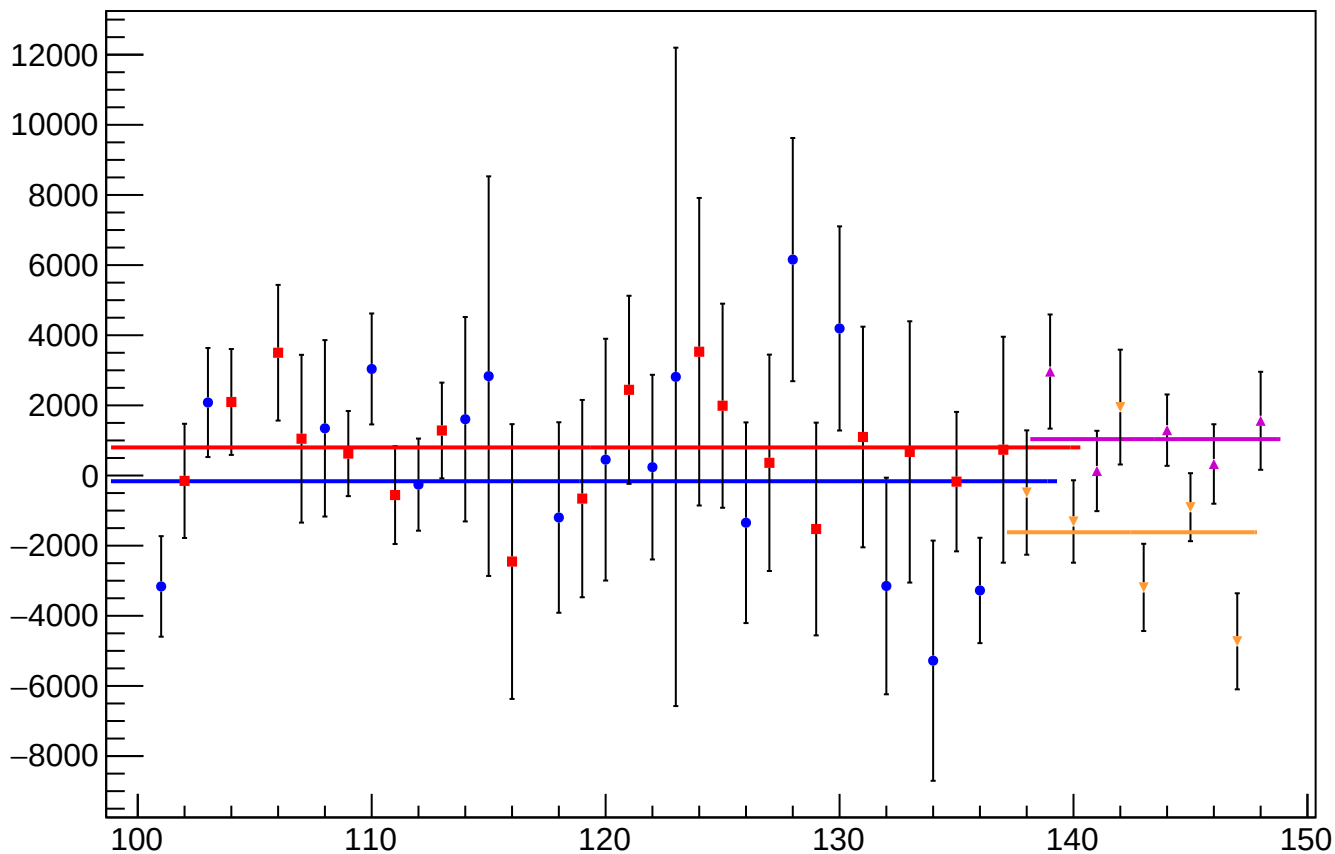
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 155.095 $\pm$ 0.034 χ^2 /NDF:451399.3/21

Out: 150.307 $\pm$ 0.033 χ^2 /NDF:853500.7/23

All: 152.605 $\pm$ 0.023 χ^2 /NDF: 1315281.0/45

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1617.655+/-522.796 χ^2/NDF :12.5/5

Right Out: 801.139+/-486.610 χ^2/NDF : 6.9/17

Left In: 1037.458+/-542.604 χ^2/NDF :2.6/4

Left: -339.445+/-376.480 χ^2/NDF : 27.6/10

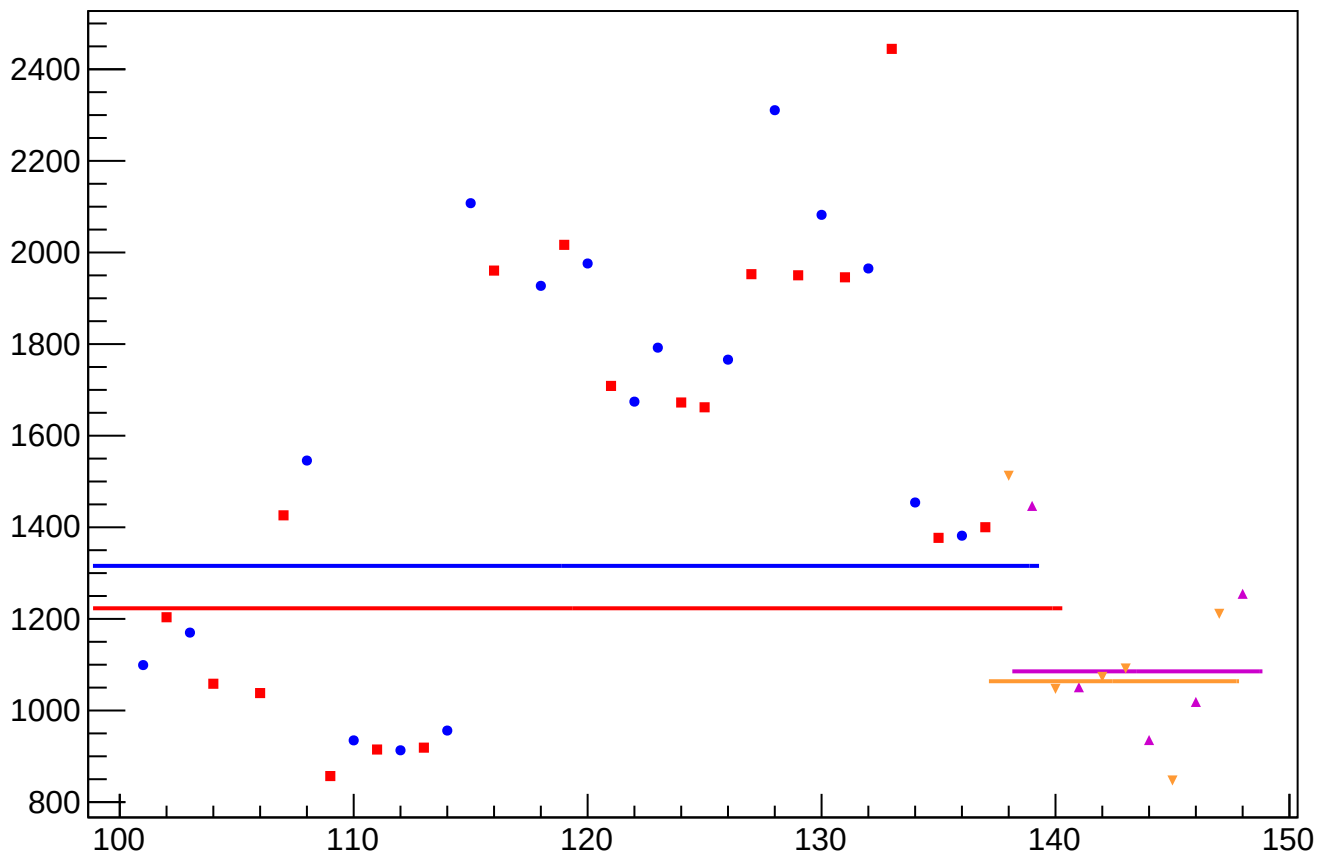
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 426.795+/-380.298 χ^2/NDF :30.2/21

Out: -321.659+/-356.191 χ^2/NDF :30.9/23

All: 28.097+/-259.970 χ^2/NDF : 63.1/45

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1063.914+/-0.370 χ^2/NDF : 252547.1/5

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1085.471+/-0.384 χ^2/NDF : 180125.5/4

Left: 1074.292+/-0.266 χ^2/NDF : 434309.6/10

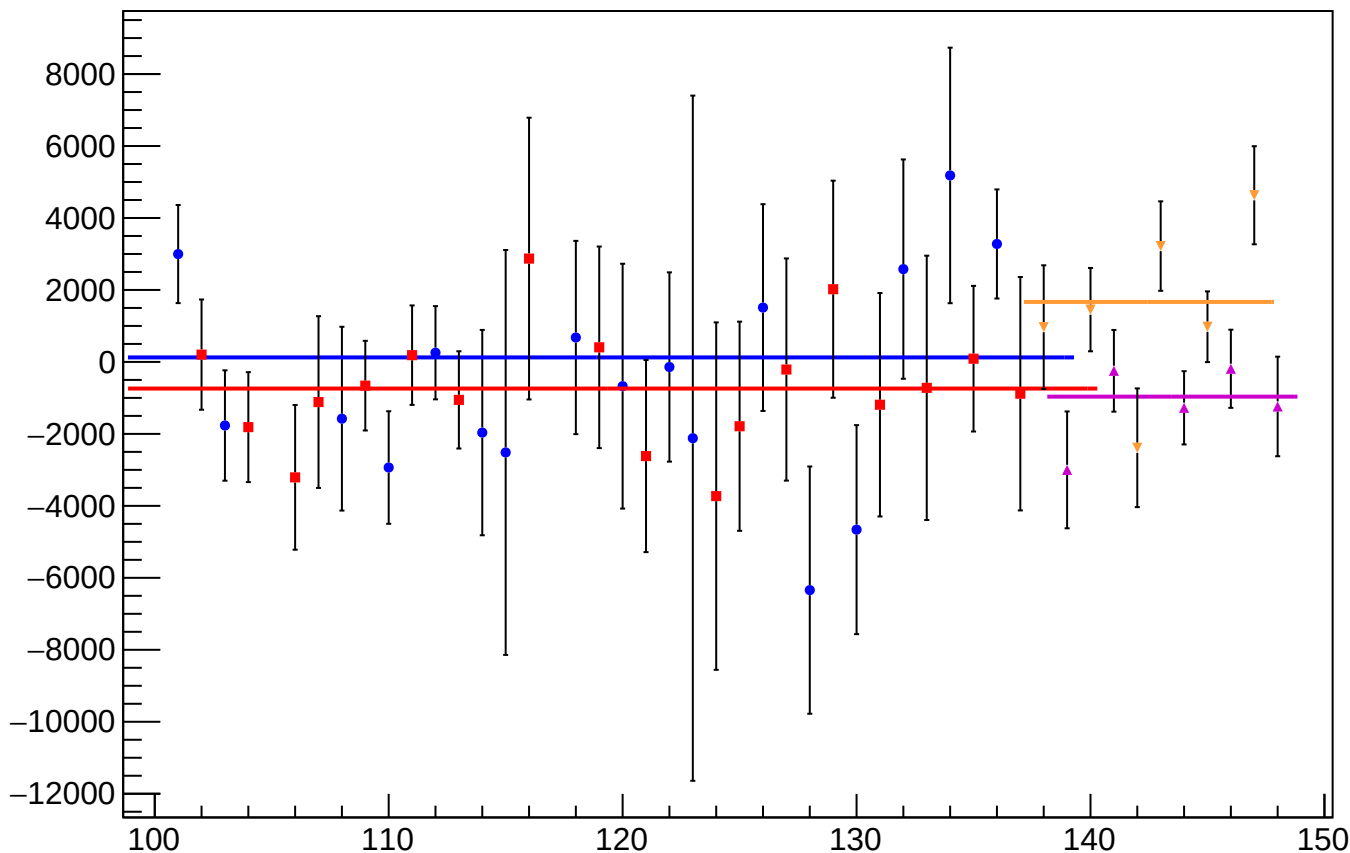
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1202.648+/-0.269 χ^2/NDF : 1481800.0/21

Out: 1149.248+/-0.252 χ^2/NDF : 1715053.4/23

All: 1174.202+/-0.184 χ^2/NDF : 3217859.4/45

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1667.319 $\pm$ 521.844 χ^2 /NDF:13.0/5

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -964.884 $\pm$ 535.228 χ^2 /NDF:2.6/4

Left: 384.539 $\pm$ 373.642 χ^2 /NDF: 28.0/10

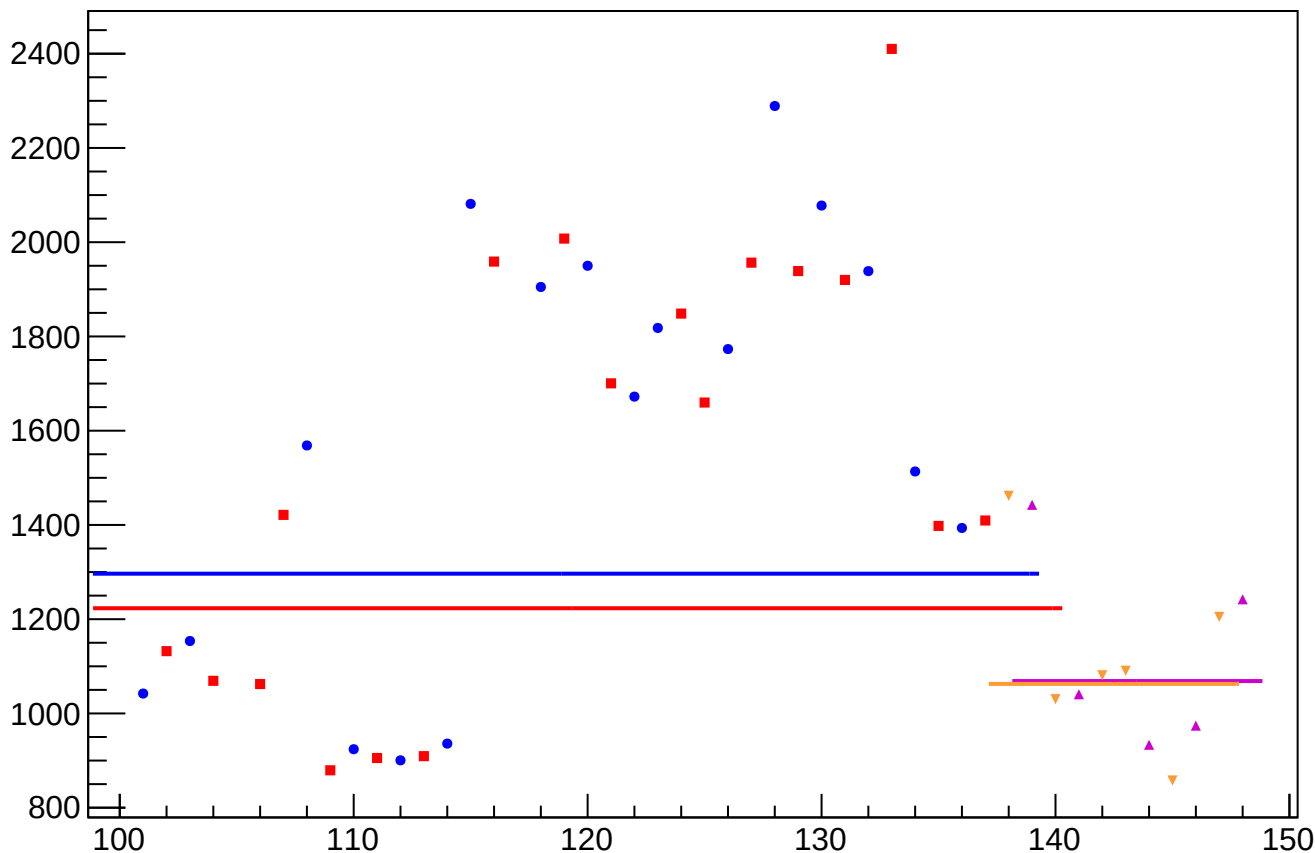
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -411.103 $\pm$ 375.449 χ^2 /NDF:29.4/21

Out: 380.164 $\pm$ 355.967 χ^2 /NDF:30.4/23

All: 5.591 $\pm$ 258.320 χ^2 /NDF: 62.1/45

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1062.706 $\pm$ 0.369 χ^2/NDF : 219353.1/5

Right Out: 1223.274 $\pm$ 0.344 χ^2/NDF : 1346689.2/17

Left In: 1068.740 $\pm$ 0.378 χ^2/NDF : 189296.9/4

Left: 1065.647 $\pm$ 0.264 χ^2/NDF : 408780.4/10

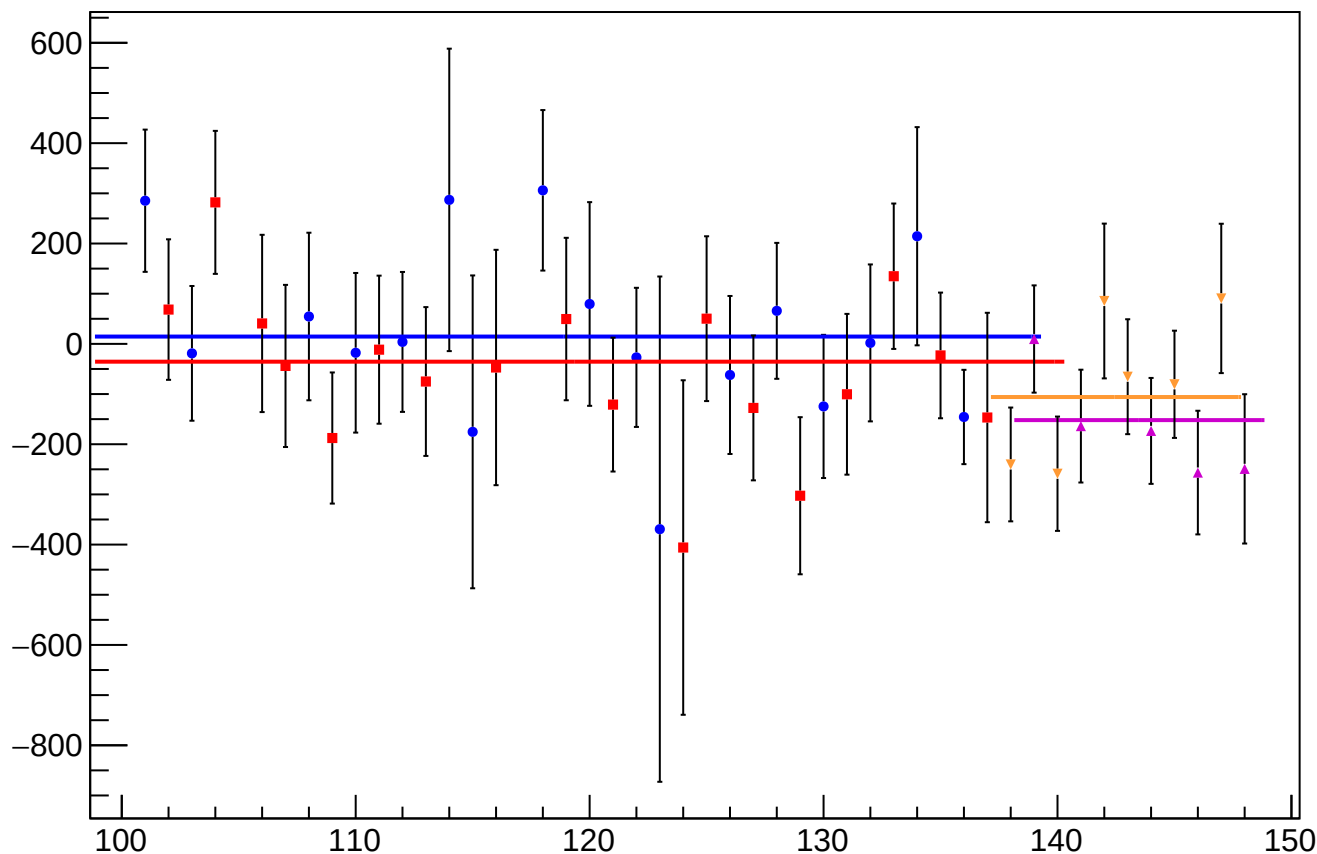
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1184.465 $\pm$ 0.265 χ^2/NDF : 1548836.4/21

Out: 1148.561 $\pm$ 0.252 χ^2/NDF : 1667287.4/23

All: 1165.557 $\pm$ 0.183 χ^2/NDF : 3225755.4/45

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -105.935 ± 49.637 $\chi^2/\text{NDF}: 6.7/5$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -151.941 ± 52.164 $\chi^2/\text{NDF}: 3.5/4$

Left: -127.797 ± 35.959 $\chi^2/\text{NDF}: 10.6/10$

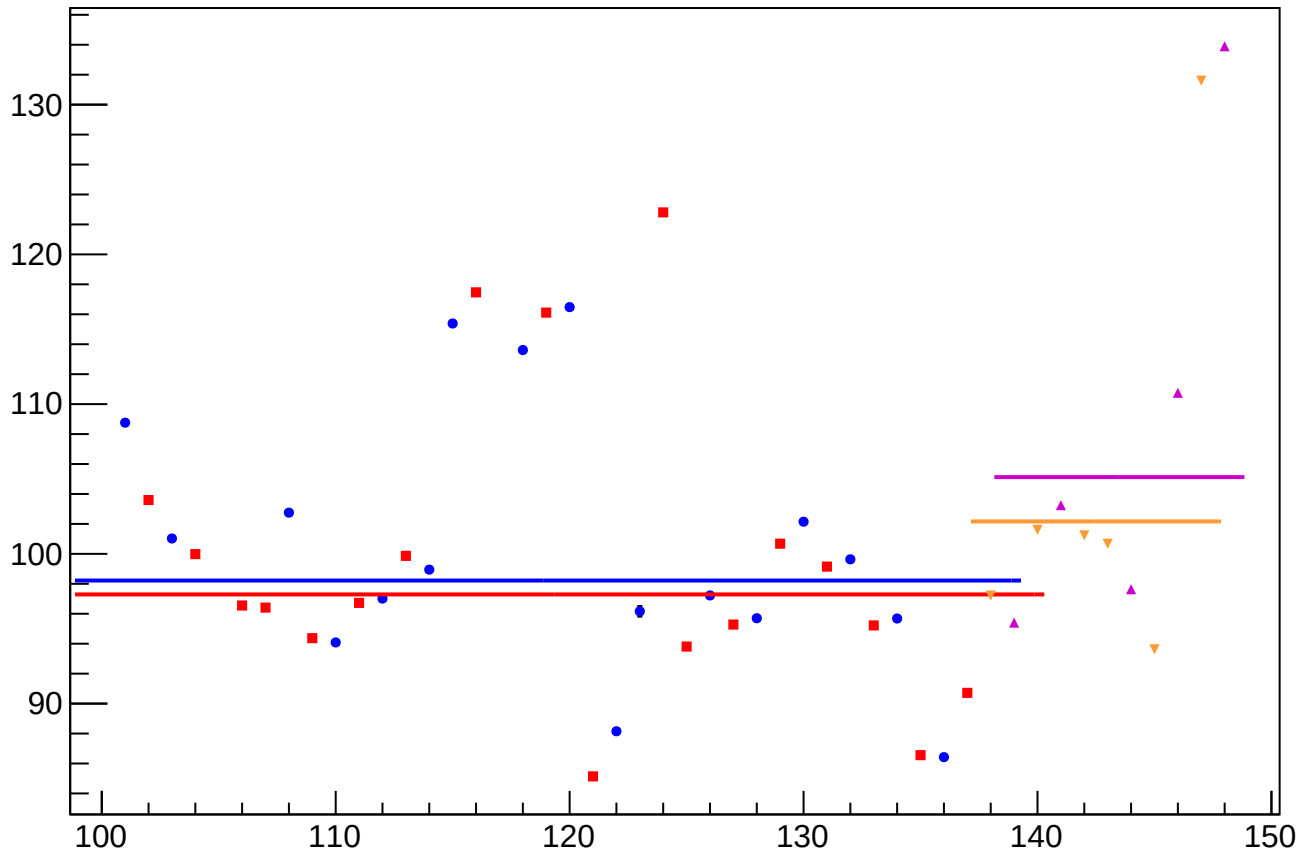
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -43.187 ± 30.723 $\chi^2/\text{NDF}: 24.3/21$

Out: -60.404 ± 29.524 $\chi^2/\text{NDF}: 22.5/23$

All: -52.138 ± 21.288 $\chi^2/\text{NDF}: 47.0/45$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 102.164+/-0.035 χ^2/NDF : 95287.9/5

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 105.126+/-0.037 χ^2/NDF : 106141.6/4

Left: 103.571+/-0.025 χ^2/NDF : 204815.0/10

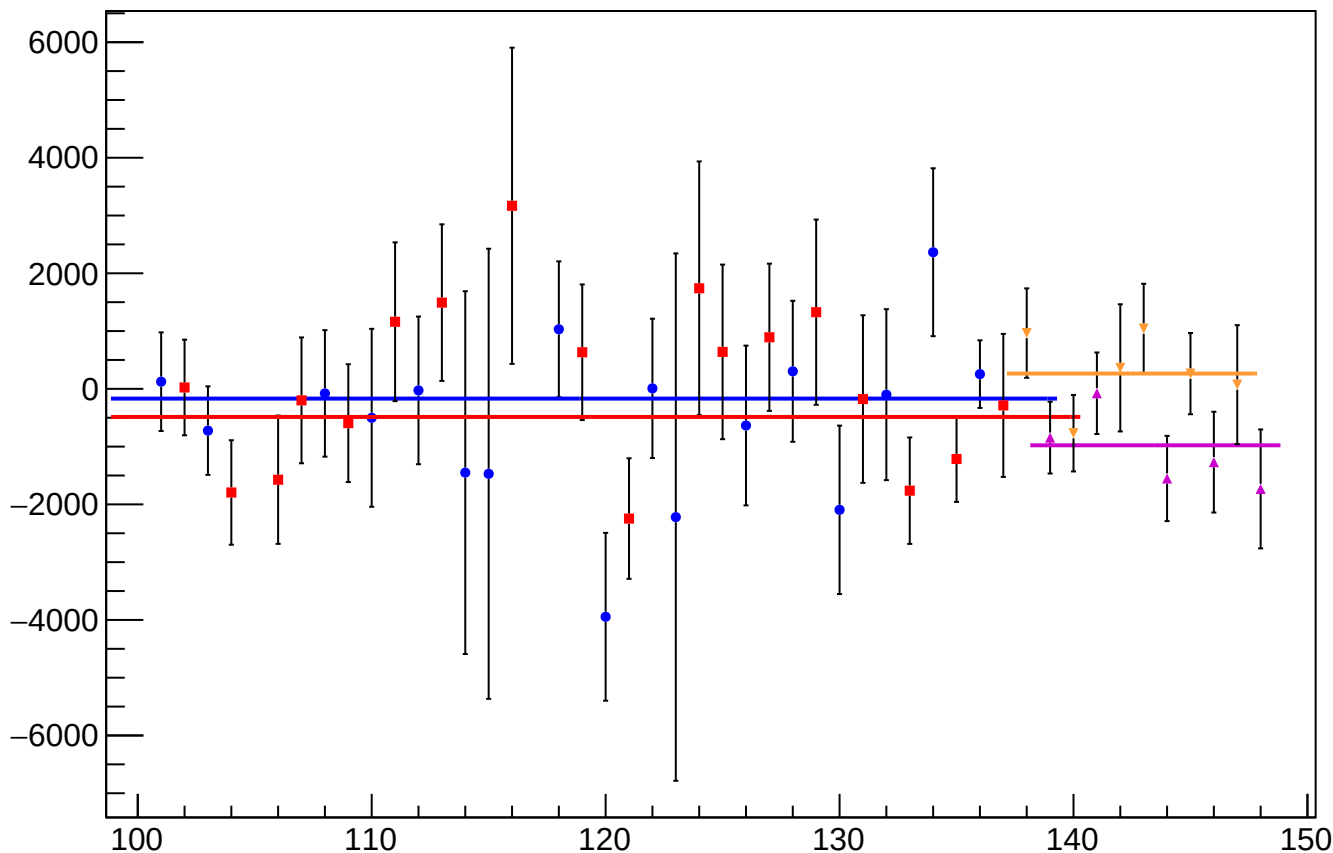
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 100.615+/-0.022 χ^2/NDF : 229554.4/21

Out: 99.015+/-0.021 χ^2/NDF : 203962.3/23

All: 99.783+/-0.015 χ^2/NDF : 436338.5/45

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 264.687 ± 326.142 $\chi^2/\text{NDF}: 4.3/5$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -977.167 ± 339.060 $\chi^2/\text{NDF}: 2.9/4$

Left: -332.132 ± 235.051 $\chi^2/\text{NDF}: 14.2/10$

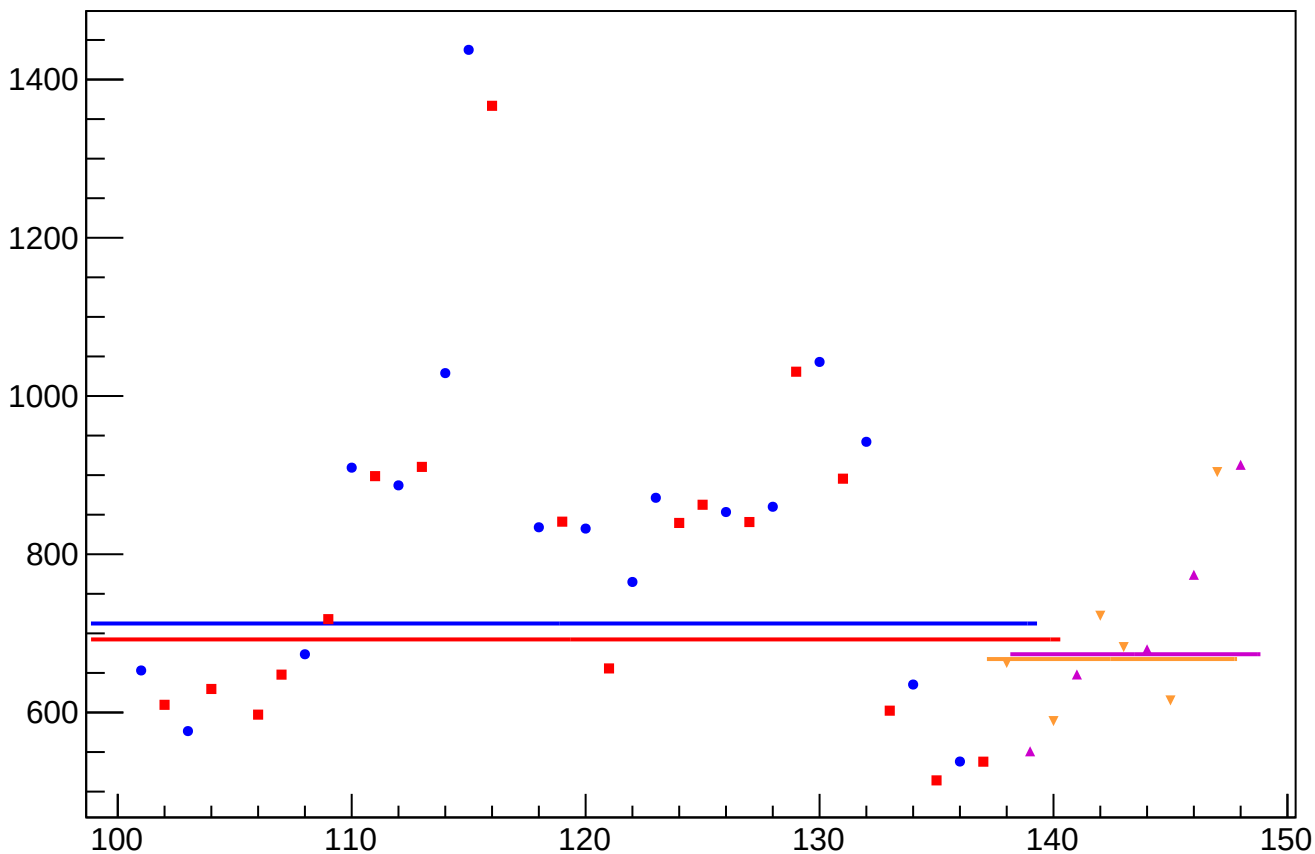
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -499.585 ± 216.892 $\chi^2/\text{NDF}: 20.9/21$

Out: -183.594 ± 207.065 $\chi^2/\text{NDF}: 27.1/23$

All: -334.268 ± 149.771 $\chi^2/\text{NDF}: 49.1/45$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 667.547 $\pm$ 0.231 χ^2/NDF :150278.0/5

Right Out: 692.342 $\pm$ 0.190 χ^2/NDF : 656953.1/17

Left In: 673.631 $\pm$ 0.240 χ^2/NDF :215459.0/4

Left: 670.471 $\pm$ 0.166 χ^2/NDF : 366071.5/10

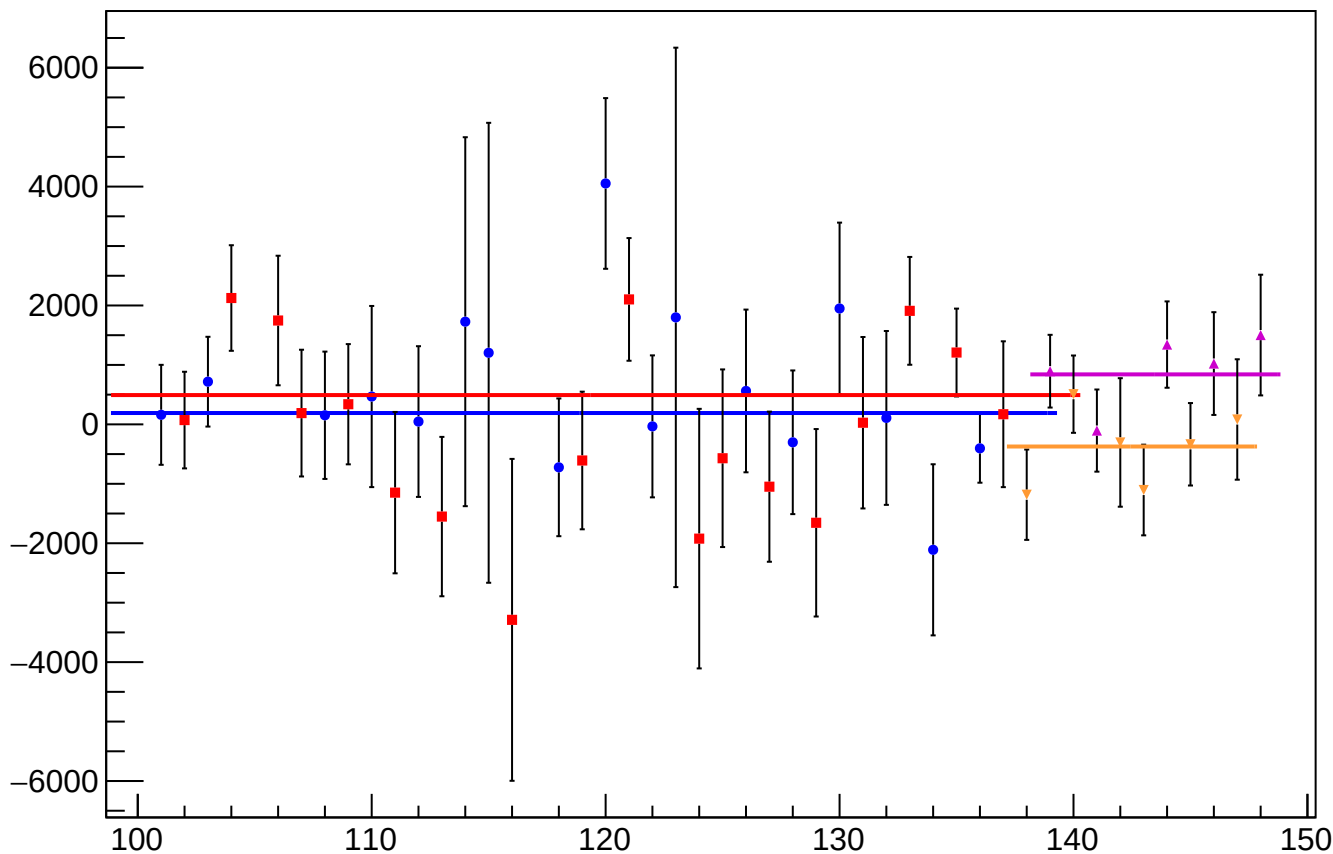
Right: 701.891 $\pm$ 0.137 χ^2/NDF : 1322826.7/34

In: 696.581 $\pm$ 0.153 χ^2/NDF :891488.6/21

Out: 682.347 $\pm$ 0.146 χ^2/NDF :814131.5/23

All: 689.134 $\pm$ 0.106 χ^2/NDF : 1710126.1/45

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -372.653+/-320.703 χ^2/NDF : 4.1/5

Right Out: 492.784+/-264.629 χ^2/NDF : 22.8/17

Left In: 840.817+/-333.894 χ^2/NDF : 2.8/4

Left: 209.640+/-231.294 χ^2/NDF : 13.8/10

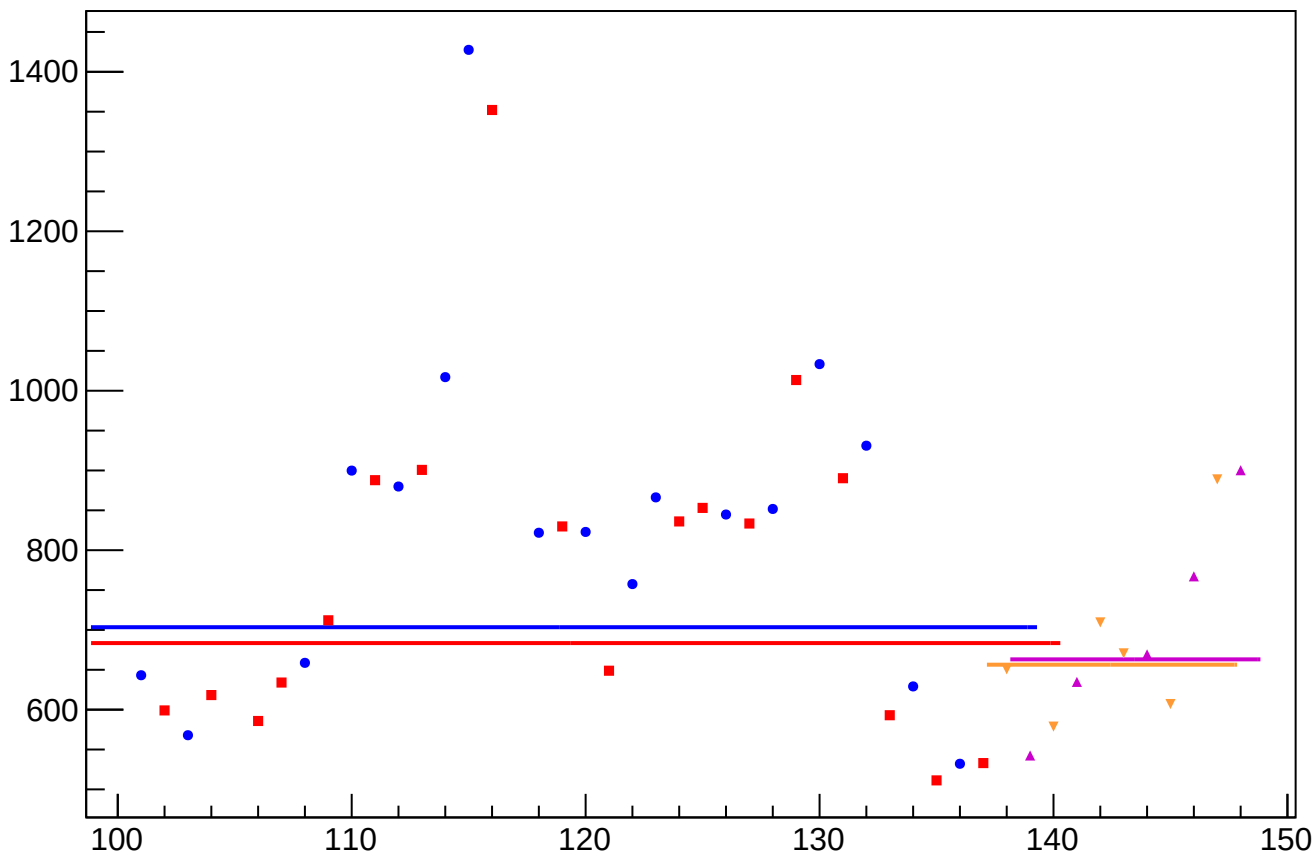
Right: 349.629+/-191.893 χ^2/NDF : 37.6/34

In: 457.728+/-213.946 χ^2/NDF : 19.3/21

Out: 142.219+/-204.113 χ^2/NDF : 31.2/23

All: 292.556+/-147.683 χ^2/NDF : 51.6/45

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.396 $\pm$ 0.227 χ^2 /NDF:149580.1/5

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 663.082 $\pm$ 0.236 χ^2 /NDF:219374.0/4

Left: 659.604 $\pm$ 0.164 χ^2 /NDF: 369371.2/10

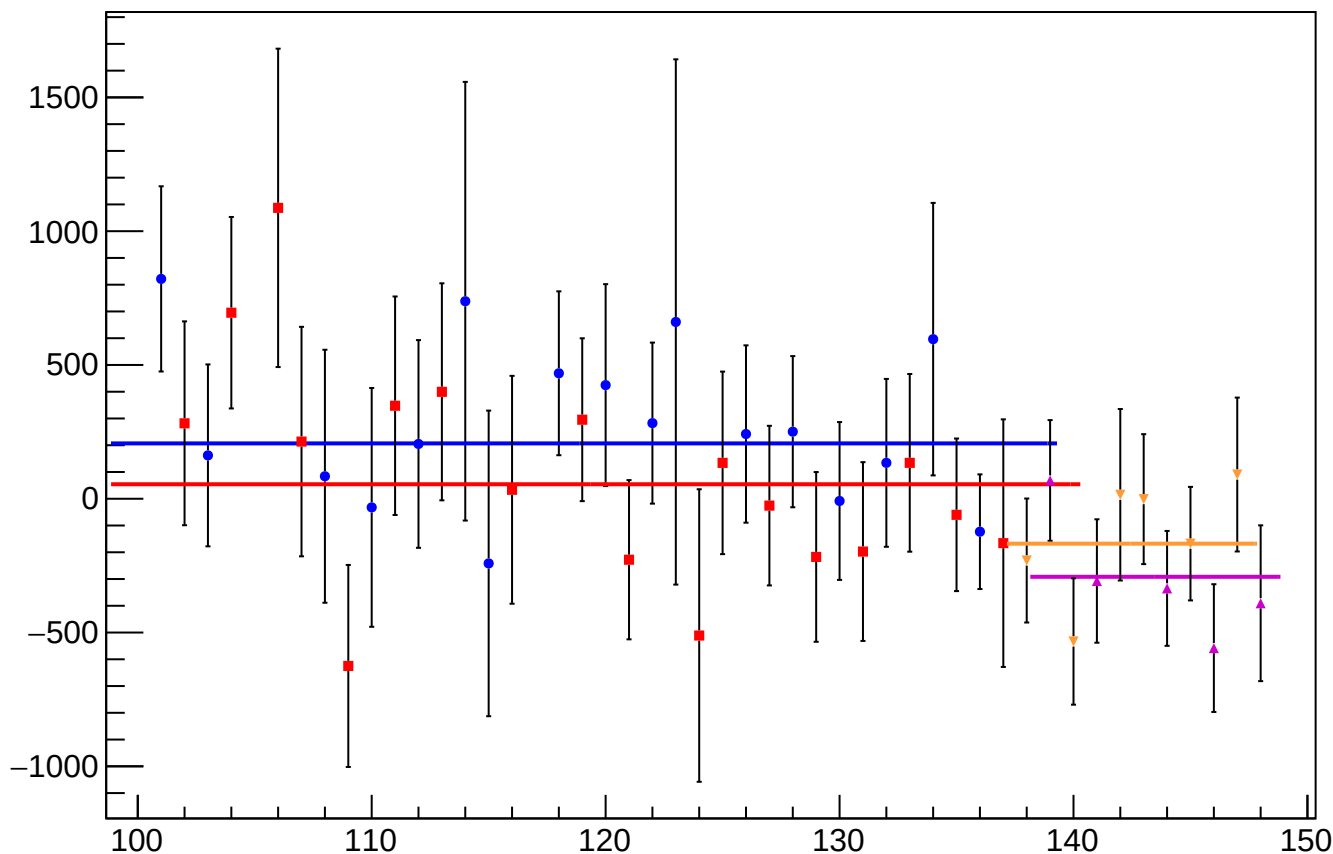
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 686.850 $\pm$ 0.151 χ^2 /NDF:903453.5/21

Out: 672.516 $\pm$ 0.144 χ^2 /NDF:817430.5/23

All: 679.346 $\pm$ 0.104 χ^2 /NDF: 1725583.5/45

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -167.874 ± 101.239 $\chi^2/\text{NDF}: 4.1/5$

Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$

Left In: -291.699 ± 105.712 $\chi^2/\text{NDF}: 4.0/4$

Left: -227.111 ± 73.117 $\chi^2/\text{NDF}: 8.7/10$

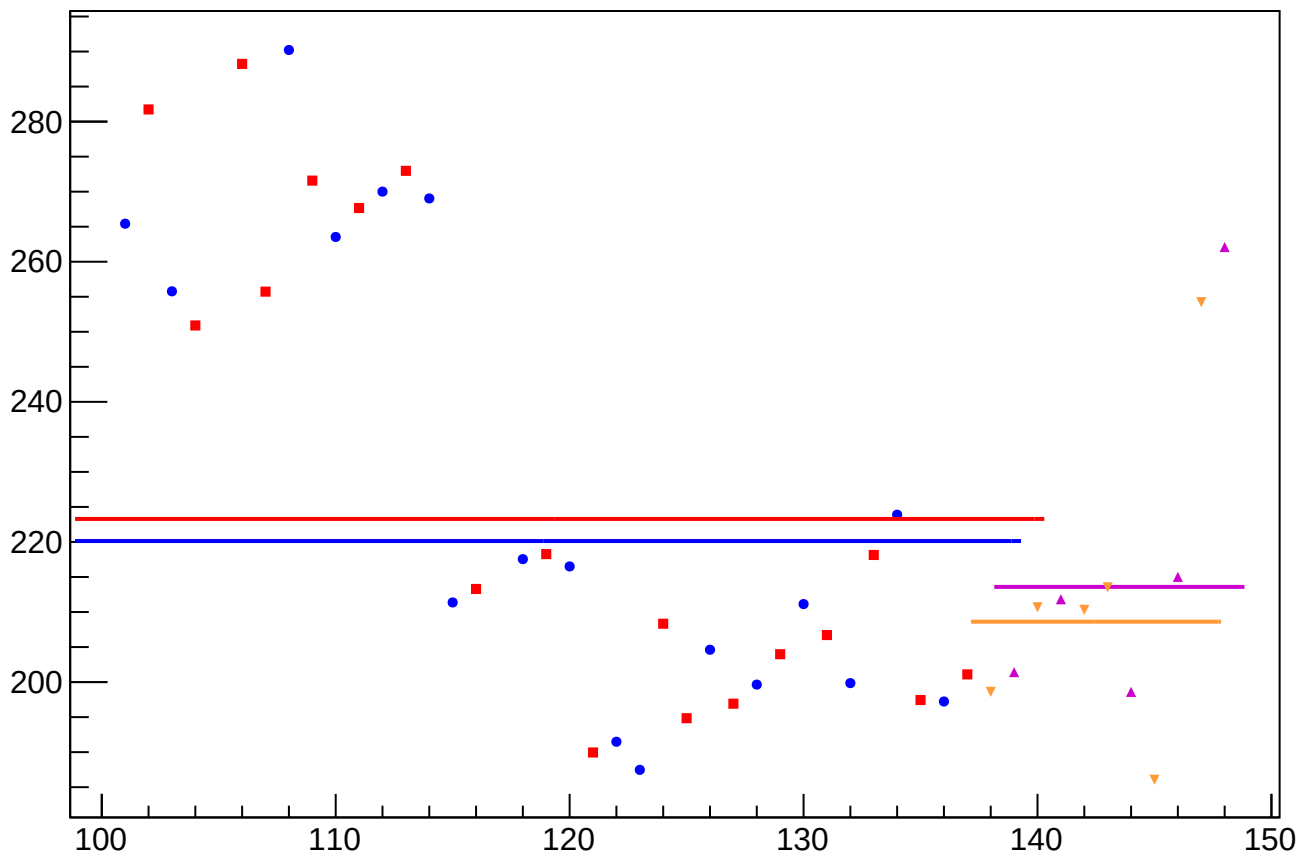
Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: 9.341 ± 66.540 $\chi^2/\text{NDF}: 26.9/21$

Out: -37.871 ± 65.184 $\chi^2/\text{NDF}: 22.6/23$

All: -14.751 ± 46.564 $\chi^2/\text{NDF}: 49.7/45$

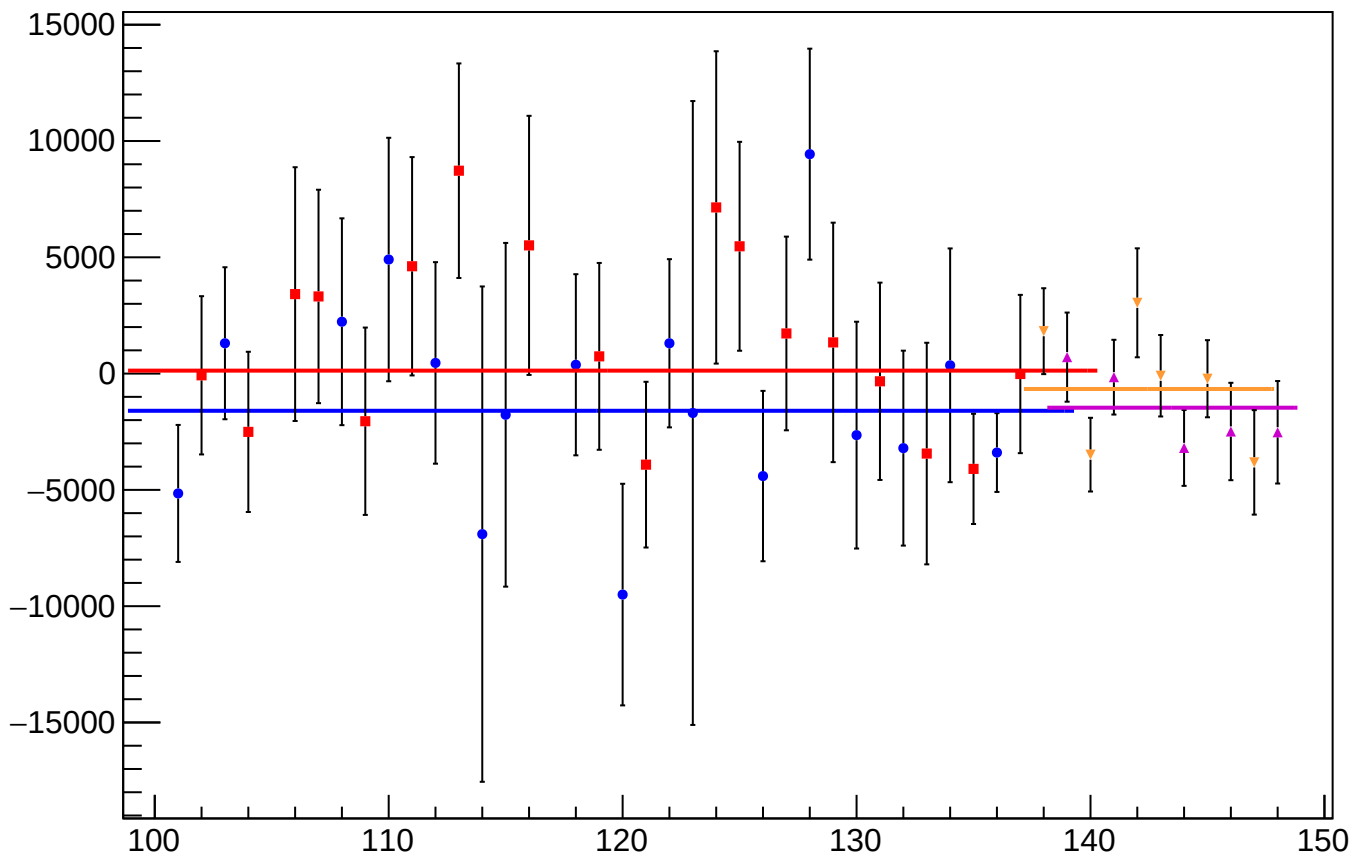
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133±/0.061 χ^2/NDF : 228444.0/16
 Left Out: 208.623±/0.072 χ^2/NDF : 77668.0/5
 Right Out: 223.287±/0.060 χ^2/NDF : 272255.2/17
 Left In: 213.589±/0.075 χ^2/NDF : 71274.9/4

Left: 210.999±/0.052 χ^2/NDF : 151245.2/10
 Right: 221.718±/0.043 χ^2/NDF : 502063.5/34
 In: 217.540±/0.047 χ^2/NDF : 304346.1/21
 Out: 217.208±/0.046 χ^2/NDF : 374490.3/23
 All: 217.371±/0.033 χ^2/NDF : 678861.7/45

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -661.632 $\pm$ 753.376 χ^2 /NDF:9.6/5

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -1466.366 $\pm$ 825.017 χ^2 /NDF:3.5/4

Left: -1027.548 $\pm$ 556.324 χ^2 /NDF: 13.7/10

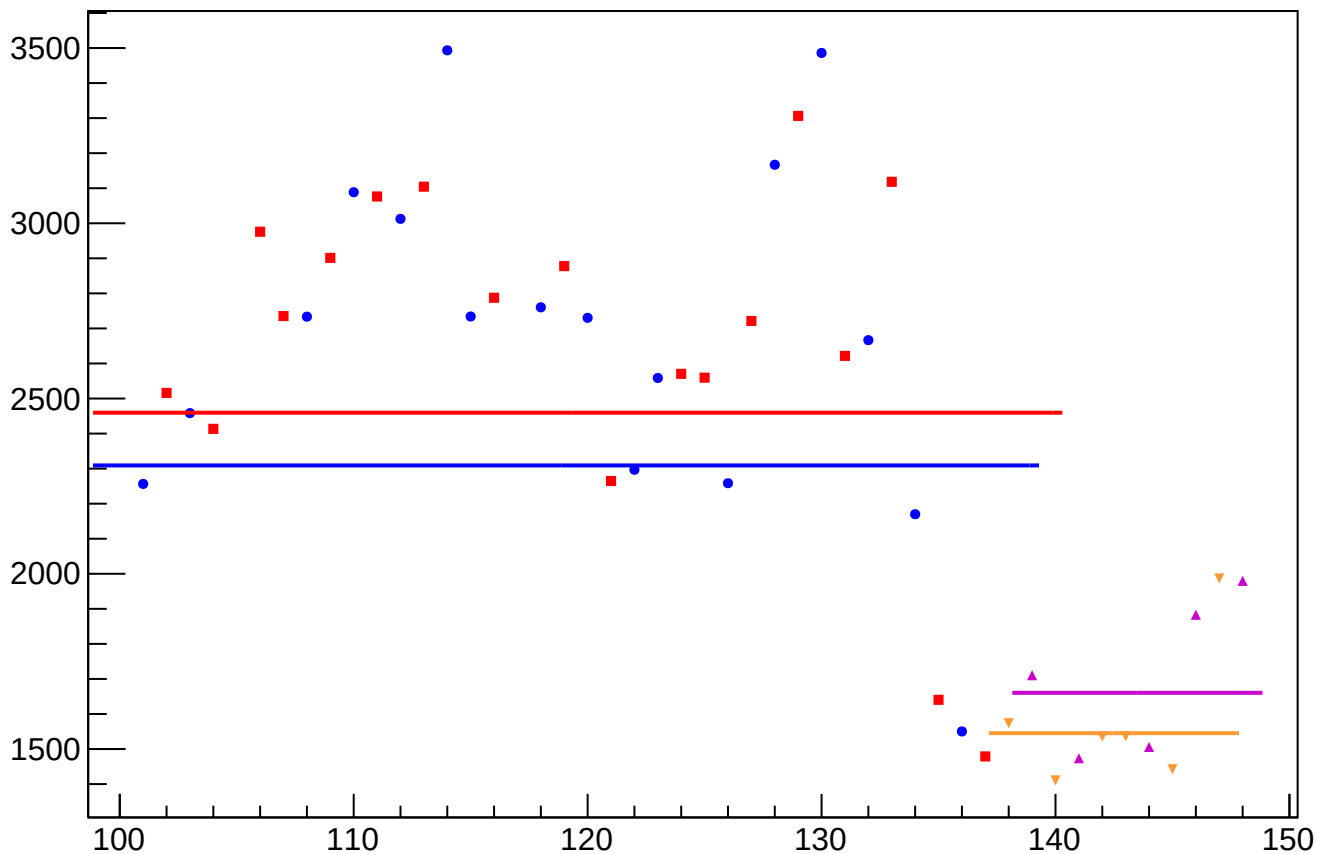
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1525.431 $\pm$ 614.529 χ^2 /NDF:20.2/21

Out: -356.502 $\pm$ 590.072 χ^2 /NDF:24.9/23

All: -917.244 $\pm$ 425.628 χ^2 /NDF: 47.0/45

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1545.287 $\pm$ 0.533 χ^2/NDF : 99966.5/5

Right Out: 2459.603 $\pm$ 0.671 χ^2/NDF : 668179.2/17

Left In: 1660.438 $\pm$ 0.583 χ^2/NDF : 110988.4/4

Left: 1597.647 $\pm$ 0.393 χ^2/NDF : 232200.7/10

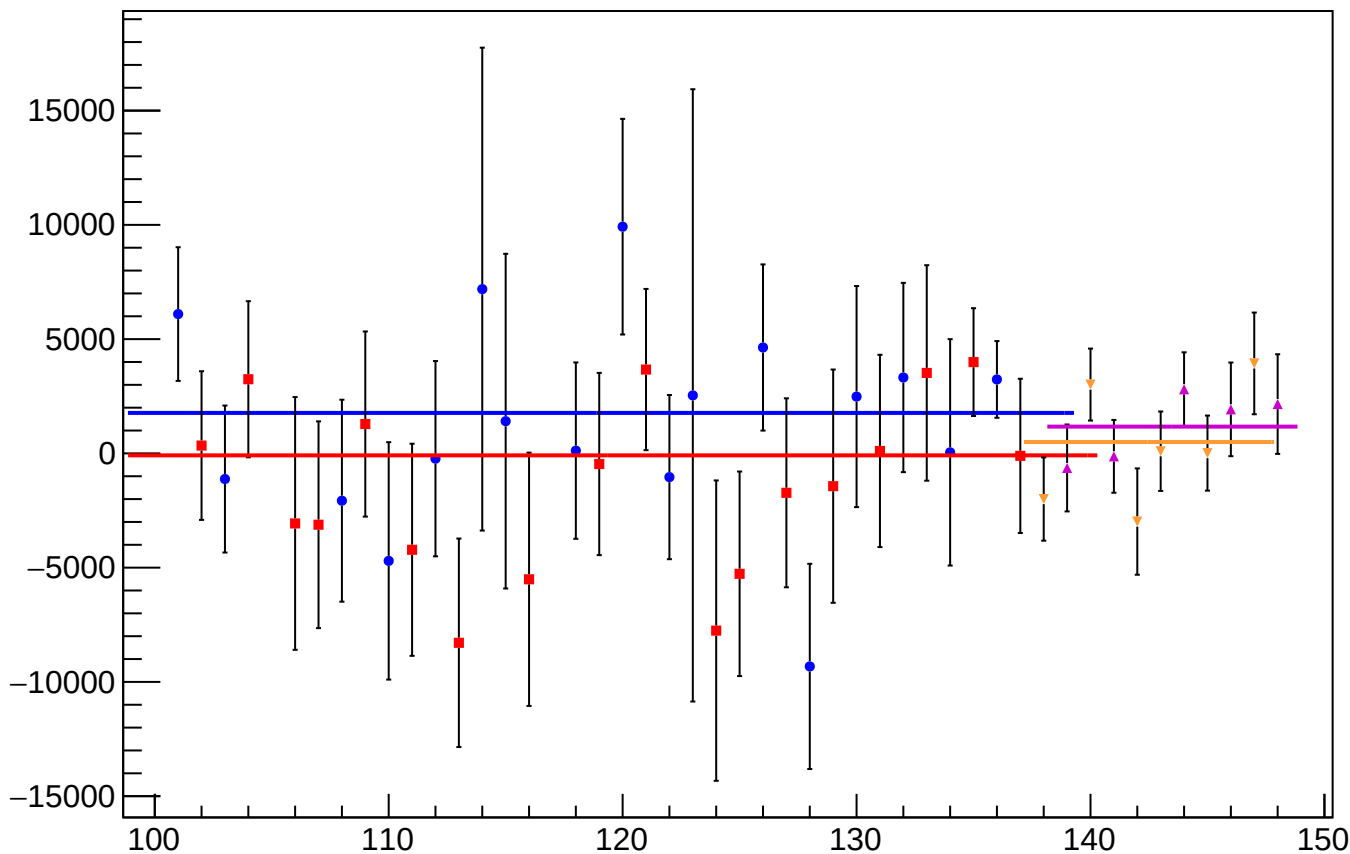
Right: 2382.111 $\pm$ 0.467 χ^2/NDF : 1494797.0/34

In: 1949.218 $\pm$ 0.435 χ^2/NDF : 1462156.1/21

Out: 1898.705 $\pm$ 0.417 χ^2/NDF : 1906800.5/23

All: 1922.936 $\pm$ 0.301 χ^2/NDF : 3375987.1/45

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 497.111+/-746.814 χ^2/NDF : 9.2/5

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 1171.746+/-816.151 χ^2/NDF : 2.9/4

Left: 804.559+/-550.962 χ^2/NDF : 12.5/10

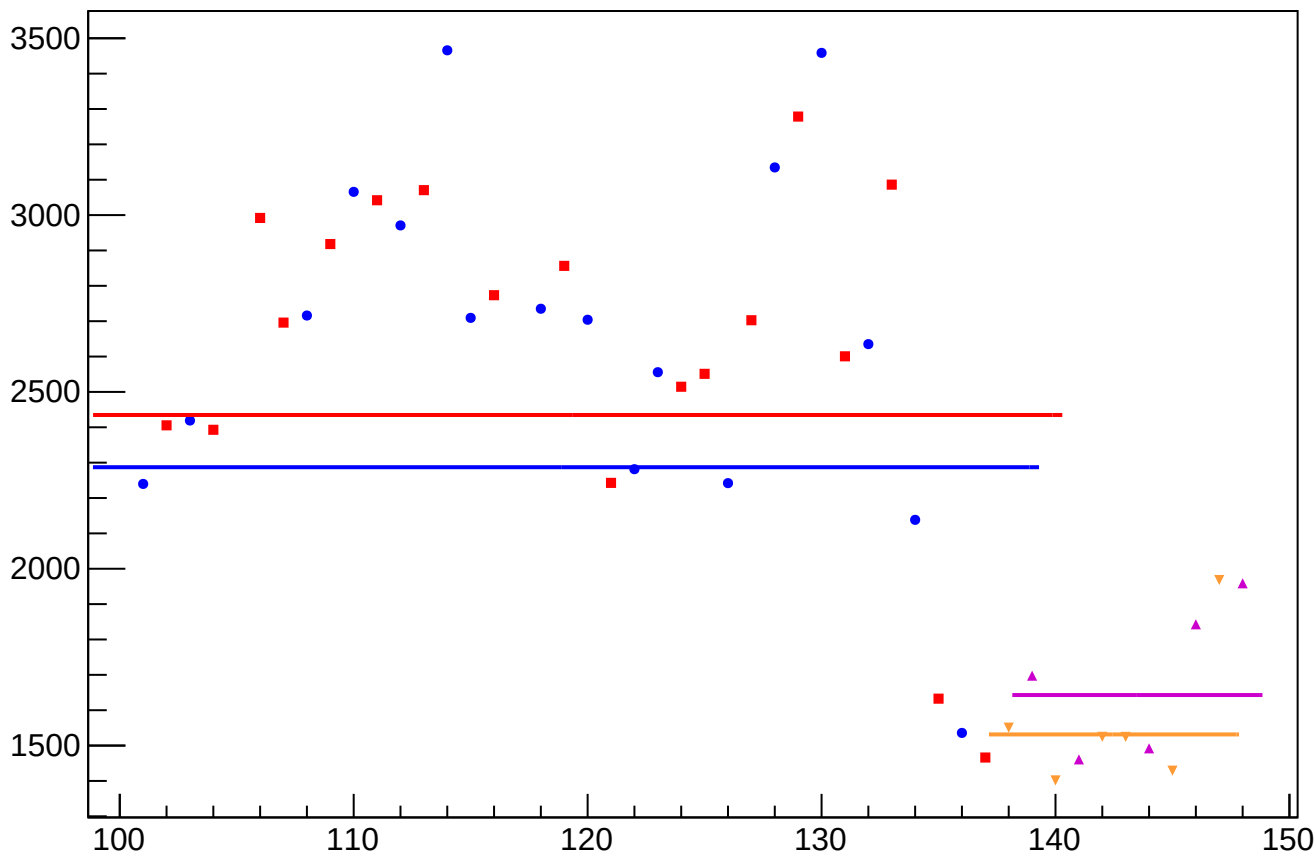
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1438.256+/-608.277 χ^2/NDF : 20.5/21

Out: 271.398+/-584.699 χ^2/NDF : 23.9/23

All: 831.774+/-421.533 χ^2/NDF : 46.3/45

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1531.535 $\pm$ 0.528 χ^2/NDF : 98699.8/5

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1642.926 $\pm$ 0.577 χ^2/NDF : 106164.9/4

Left: 1582.298 $\pm$ 0.390 χ^2/NDF : 225142.1/10

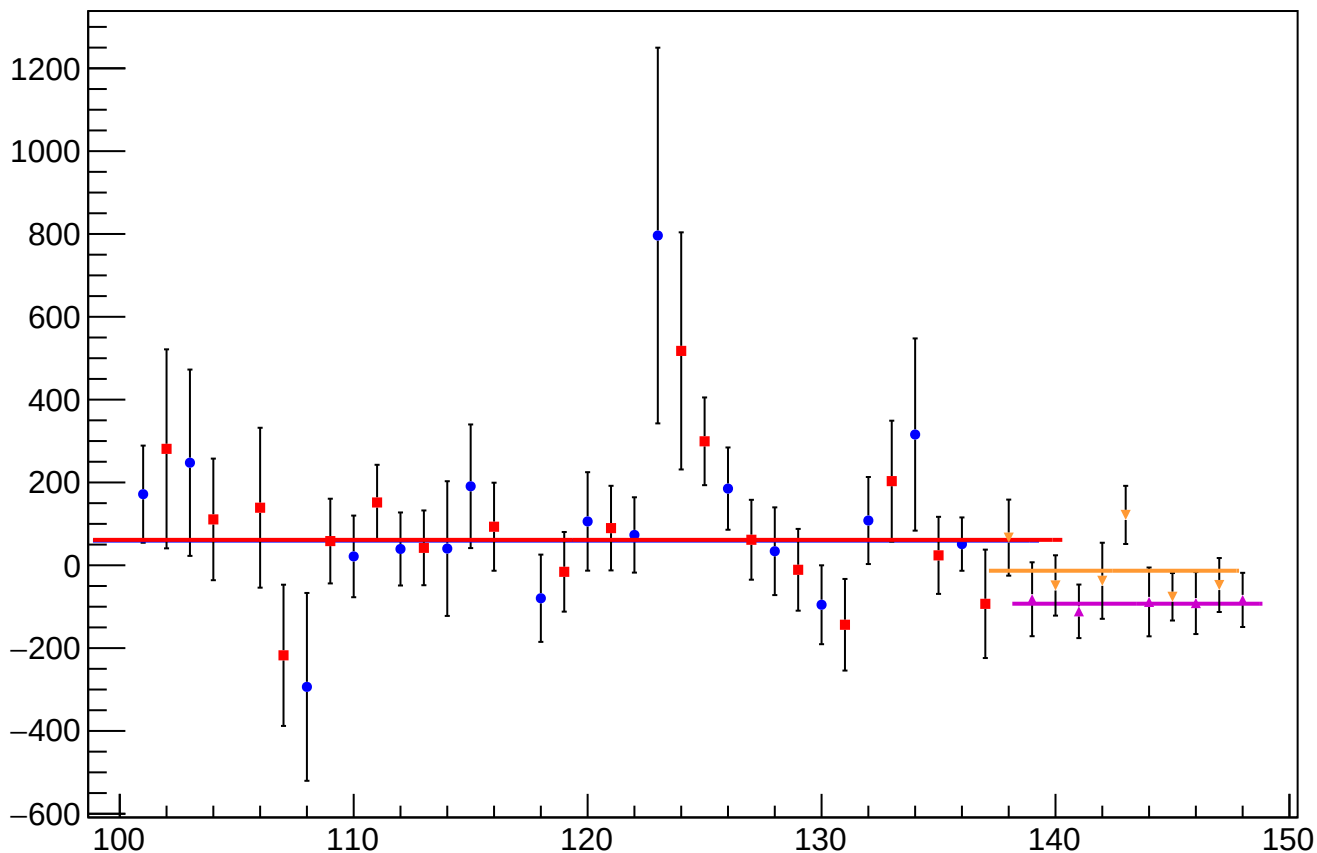
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1929.281 $\pm$ 0.430 χ^2/NDF : 1459421.2/21

Out: 1881.120 $\pm$ 0.413 χ^2/NDF : 1897952.7/23

All: 1904.249 $\pm$ 0.298 χ^2/NDF : 3363890.5/45

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -13.151 $\pm$ 29.257 χ^2 /NDF: 6.2/5

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -92.785 $\pm$ 32.930 χ^2 /NDF: 0.1/4

Left: -48.281 $\pm$ 21.872 χ^2 /NDF: 9.6/10

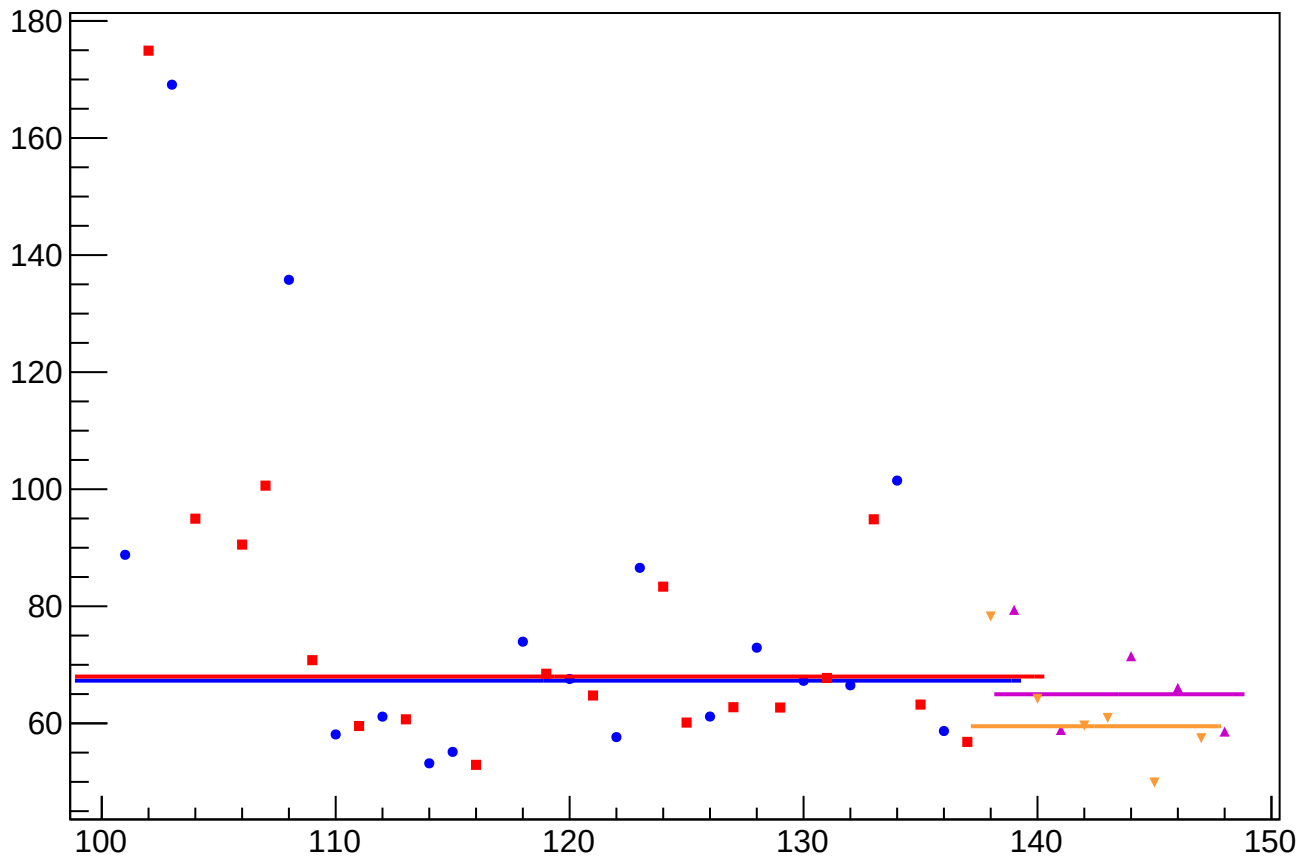
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -1.842 $\pm$ 20.916 χ^2 /NDF: 28.2/21

Out: 27.096 $\pm$ 19.846 χ^2 /NDF: 29.4/23

All: 13.386 $\pm$ 14.397 χ^2 /NDF: 58.7/45

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 59.504 $\pm$ 0.021 χ^2 /NDF: 150757.6/5

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 64.969 $\pm$ 0.023 χ^2 /NDF: 101685.3/4

Left: 61.915 $\pm$ 0.015 χ^2 /NDF: 283229.5/10

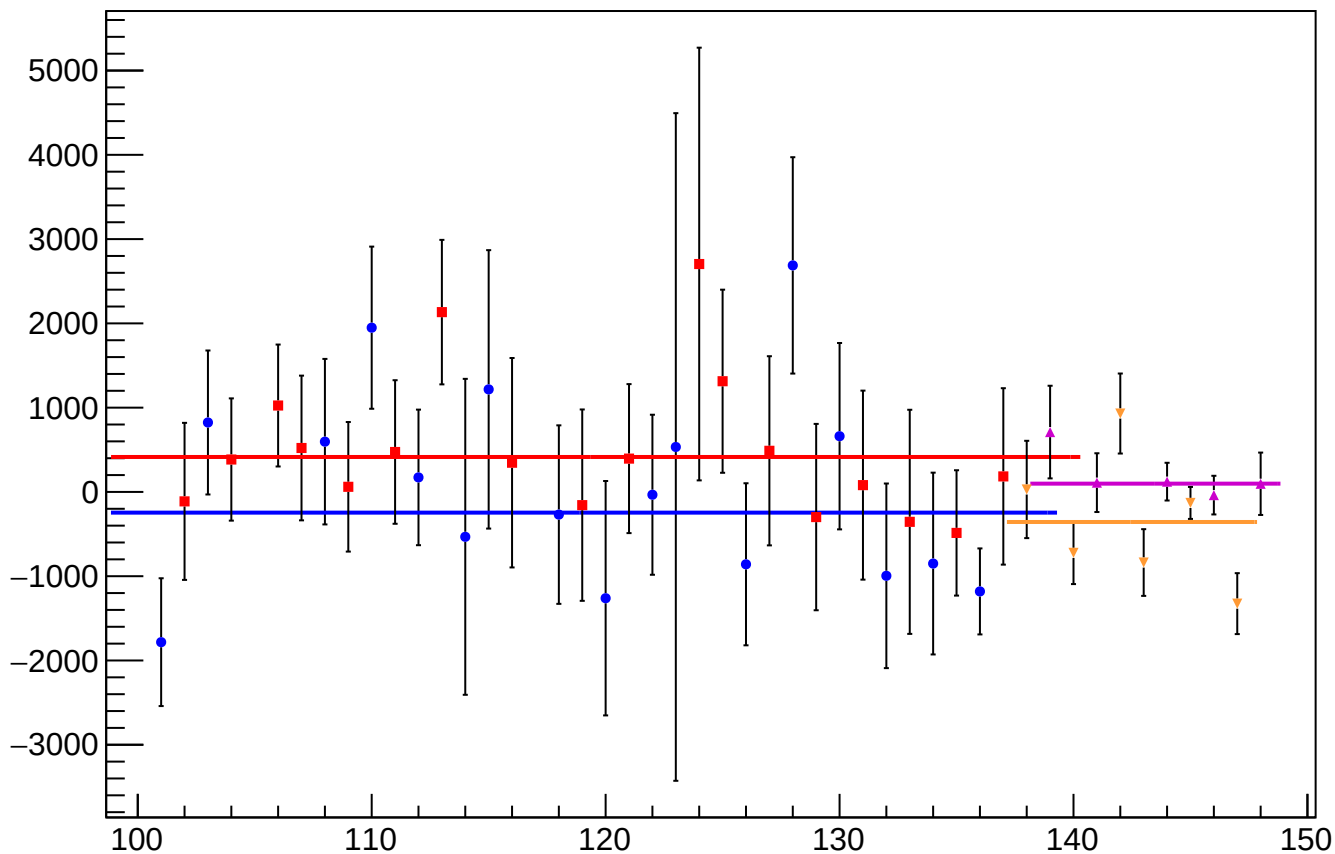
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 66.358 $\pm$ 0.015 χ^2 /NDF: 948999.4/21

Out: 64.090 $\pm$ 0.014 χ^2 /NDF: 996099.4/23

All: 65.164 $\pm$ 0.010 χ^2 /NDF: 1957475.3/45

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -356.600 $\pm$ 133.012 χ^2 /NDF:18.8/5

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 98.258 $\pm$ 131.519 χ^2 /NDF:1.6/4

Left: -126.603 $\pm$ 93.521 χ^2 /NDF: 26.4/10

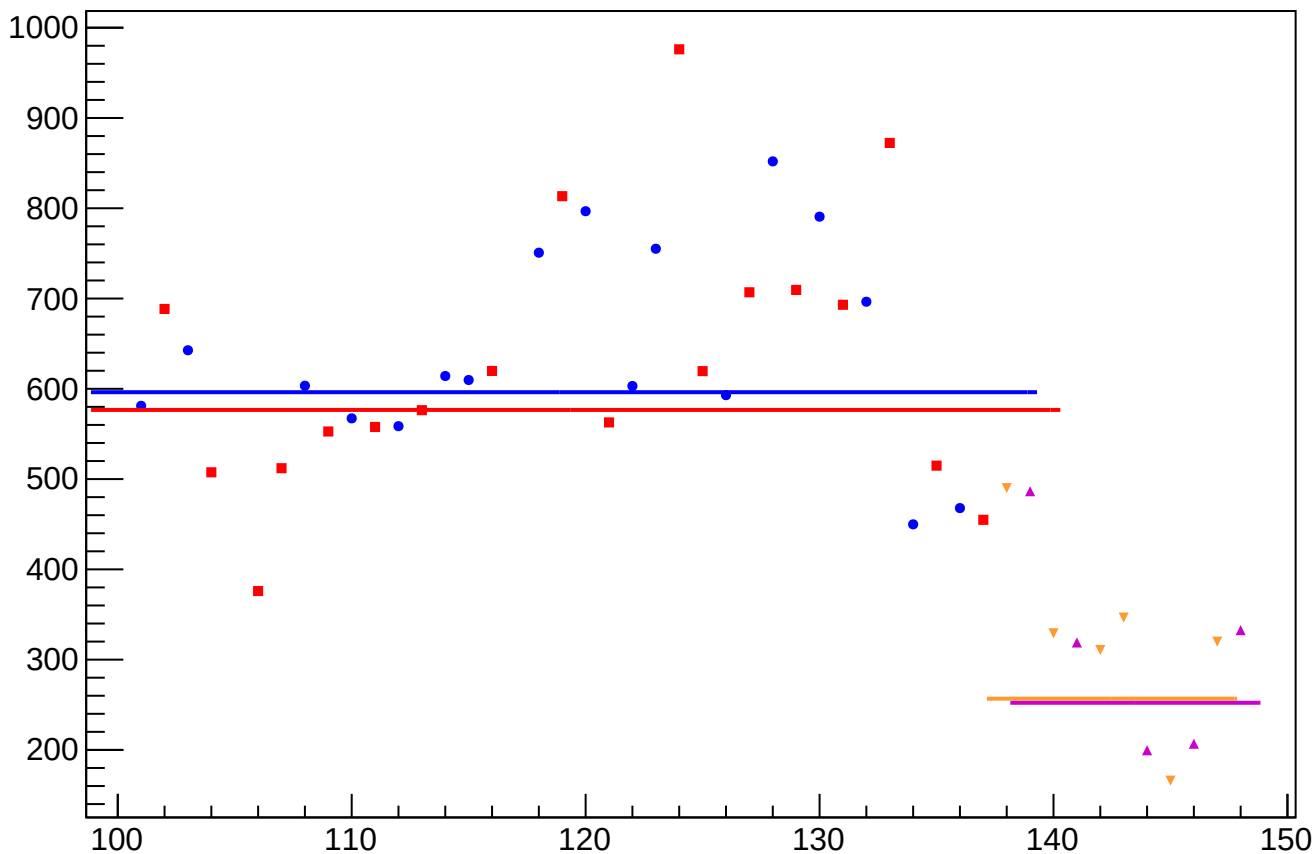
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 16.452 $\pm$ 114.815 χ^2 /NDF:27.0/21

Out: -153.910 $\pm$ 114.206 χ^2 /NDF:37.1/23

All: -69.182 $\pm$ 80.970 χ^2 /NDF: 65.2/45

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 256.757 $\pm$ 0.094 χ^2 /NDF:1050913.9/5

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 252.226 $\pm$ 0.093 χ^2 /NDF:720191.2/4

Left: 254.466 $\pm$ 0.066 χ^2 /NDF: 1772278.5/10

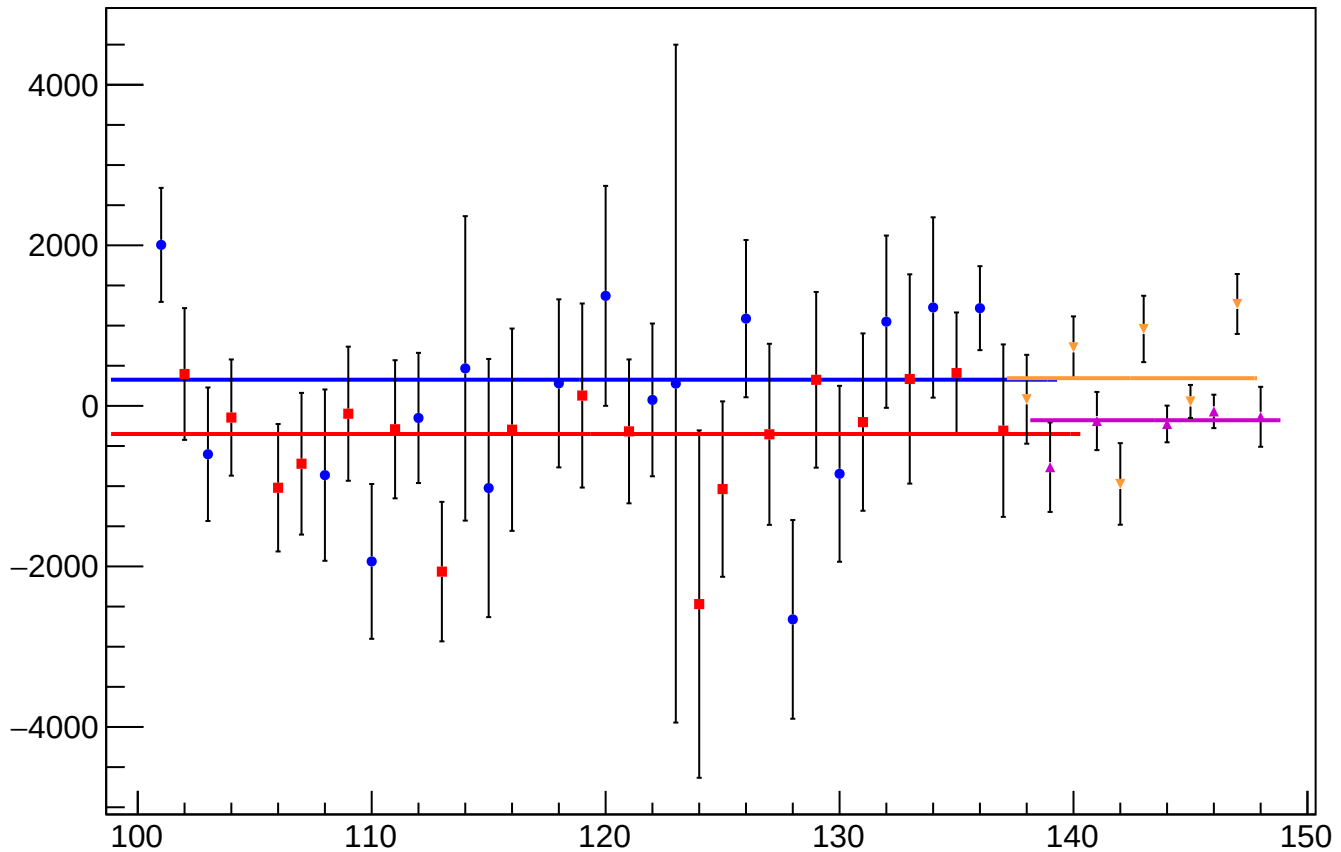
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 334.063 $\pm$ 0.081 χ^2 /NDF:4397635.9/21

Out: 340.809 $\pm$ 0.081 χ^2 /NDF:4663748.5/23

All: 337.454 $\pm$ 0.057 χ^2 /NDF: 9064855.2/45

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 344.890 ± 140.682 $\chi^2/\text{NDF}: 18.3/5$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -178.869 ± 128.858 $\chi^2/\text{NDF}: 1.4/4$

Left: 60.078 ± 95.022 $\chi^2/\text{NDF}: 27.2/10$

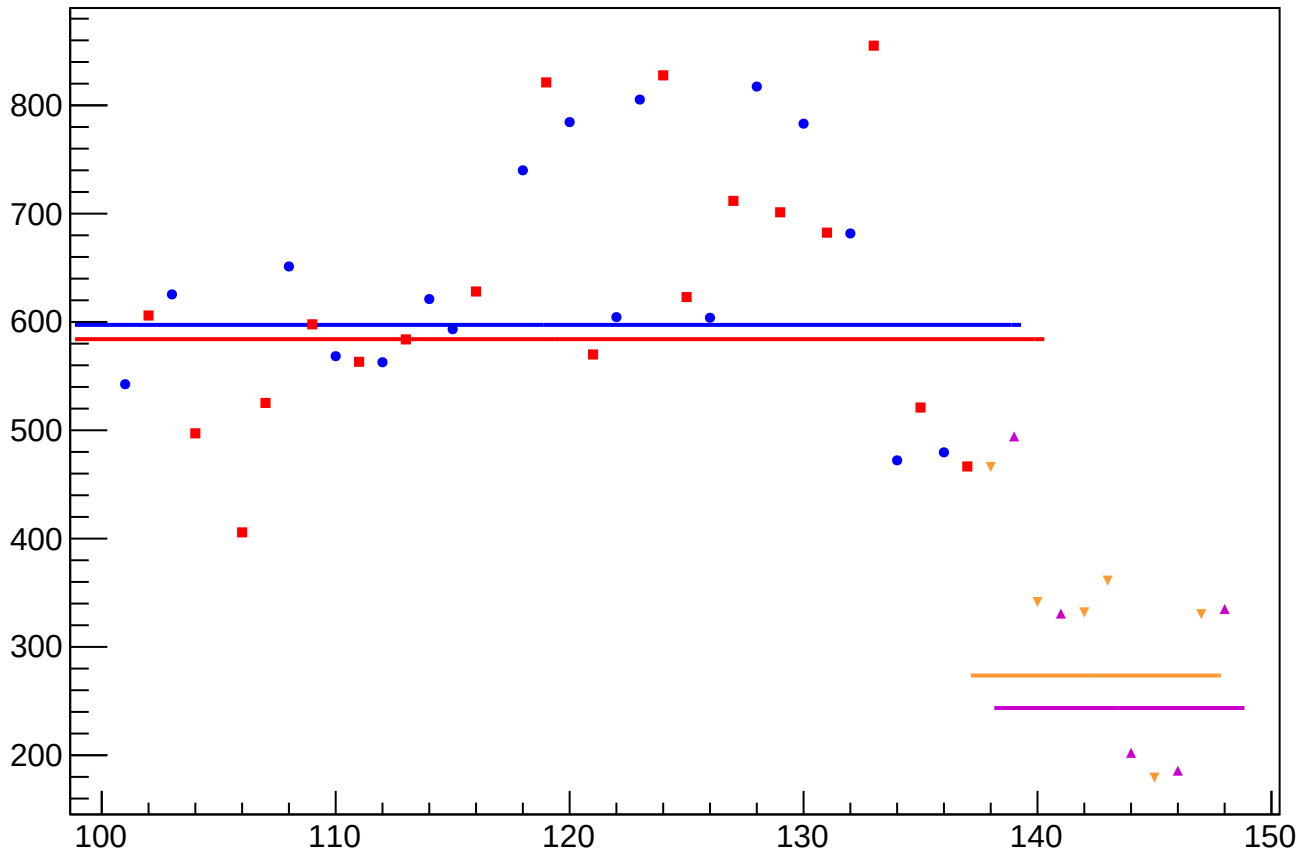
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -62.600 ± 113.053 $\chi^2/\text{NDF}: 31.8/21$

Out: 149.789 ± 119.323 $\chi^2/\text{NDF}: 34.1/23$

All: 37.868 ± 82.068 $\chi^2/\text{NDF}: 67.6/45$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 273.593 $\pm$ 0.099 χ^2 /NDF:886201.7/5

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 243.598 $\pm$ 0.091 χ^2 /NDF:859598.8/4

Left: 257.282 $\pm$ 0.067 χ^2 /NDF: 1795238.5/10

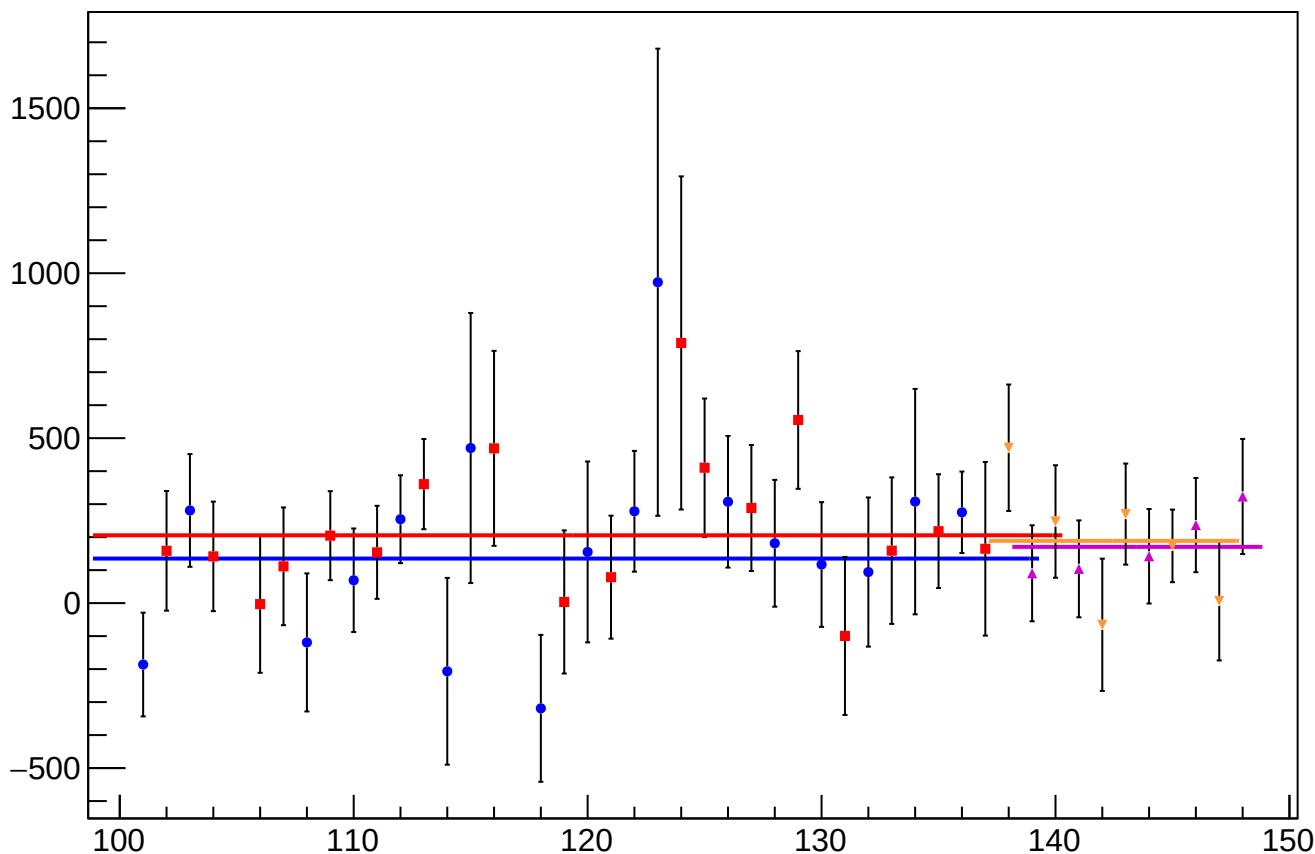
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 325.041 $\pm$ 0.080 χ^2 /NDF:4692983.5/21

Out: 360.727 $\pm$ 0.084 χ^2 /NDF:4067262.1/23

All: 341.922 $\pm$ 0.058 χ^2 /NDF: 8854510.4/45

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 188.650 $\pm$ 64.234 χ^2 /NDF: 5.2/5

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 170.475 $\pm$ 66.786 χ^2 /NDF: 1.5/4

Left: 179.916 $\pm$ 46.296 χ^2 /NDF: 6.8/10

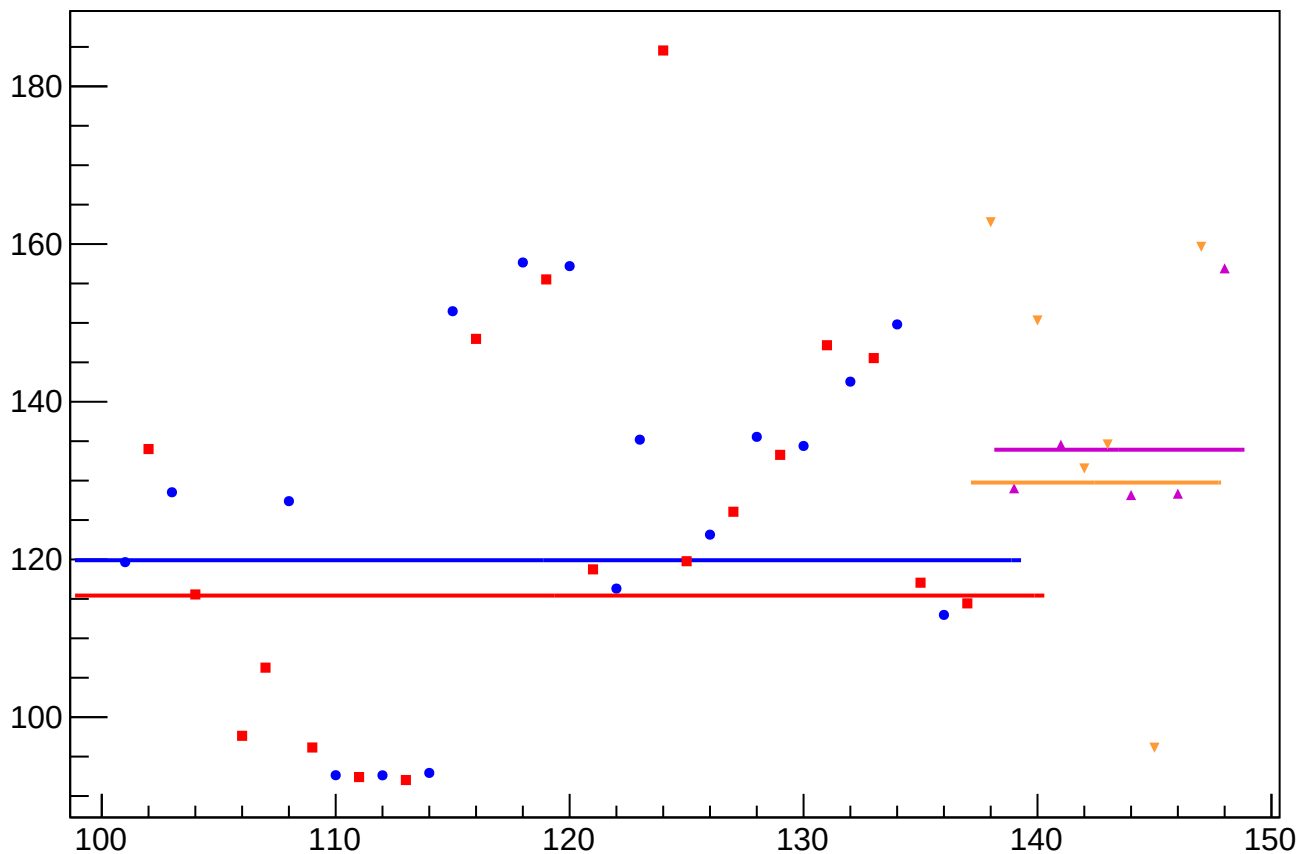
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 146.777 $\pm$ 38.450 χ^2 /NDF: 19.8/21

Out: 200.091 $\pm$ 36.599 χ^2 /NDF: 17.3/23

All: 174.748 $\pm$ 26.510 χ^2 /NDF: 38.1/45

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 129.752 $\pm$ 0.045 χ^2/NDF : 332169.3/5

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 133.918 $\pm$ 0.047 χ^2/NDF : 43306.7/4

Left: 131.754 $\pm$ 0.033 χ^2/NDF : 379517.4/10

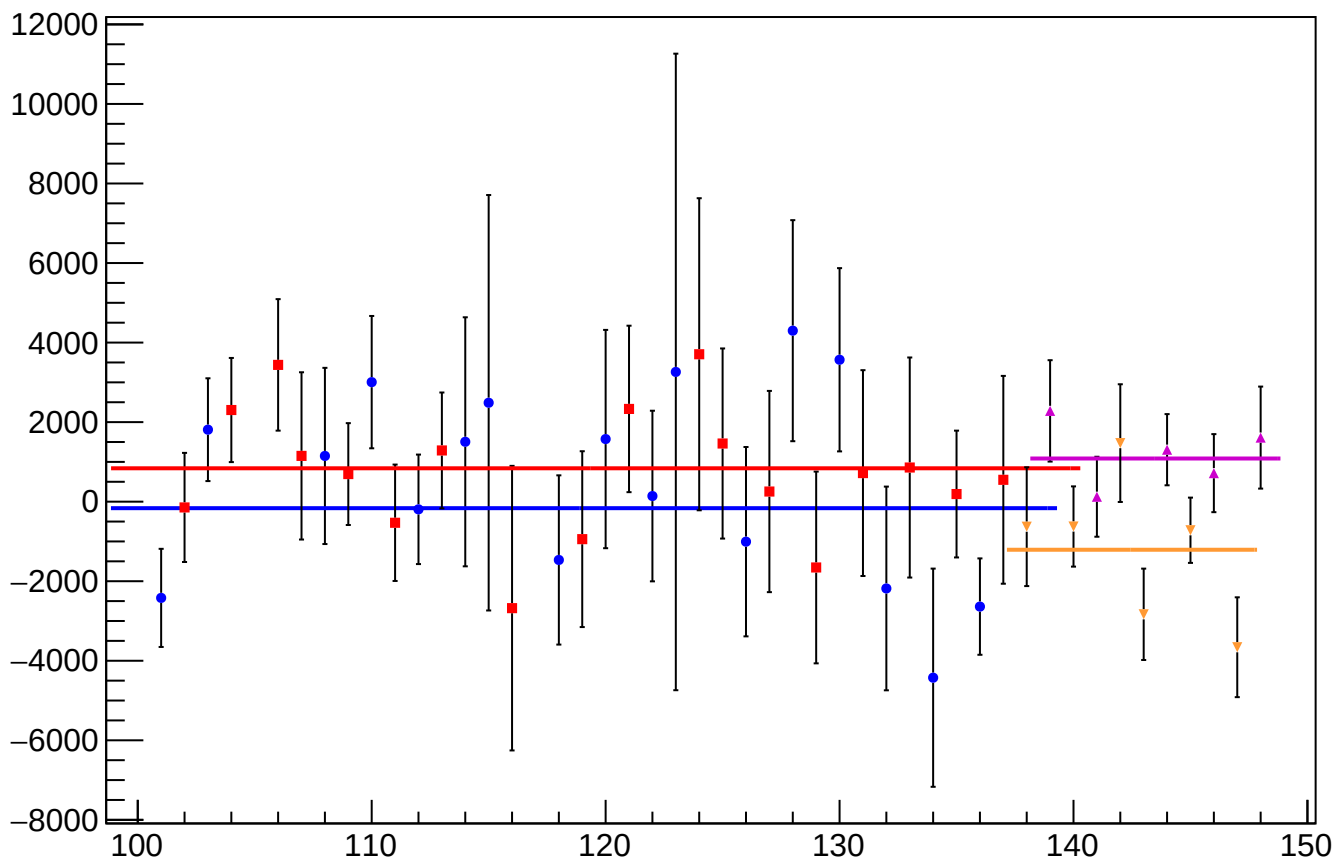
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 124.548 $\pm$ 0.027 χ^2/NDF : 447692.8/21

Out: 120.074 $\pm$ 0.026 χ^2/NDF : 817494.7/23

All: 122.201 $\pm$ 0.019 χ^2/NDF : 1279394.4/45

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1208.859 ± 458.091 $\chi^2/\text{NDF}: 9.9/5$

Right Out: 839.187 ± 440.476 $\chi^2/\text{NDF}: 9.3/17$

Left In: 1085.203 ± 471.418 $\chi^2/\text{NDF}: 2.2/4$

Left: -94.714 ± 328.530 $\chi^2/\text{NDF}: 24.3/10$

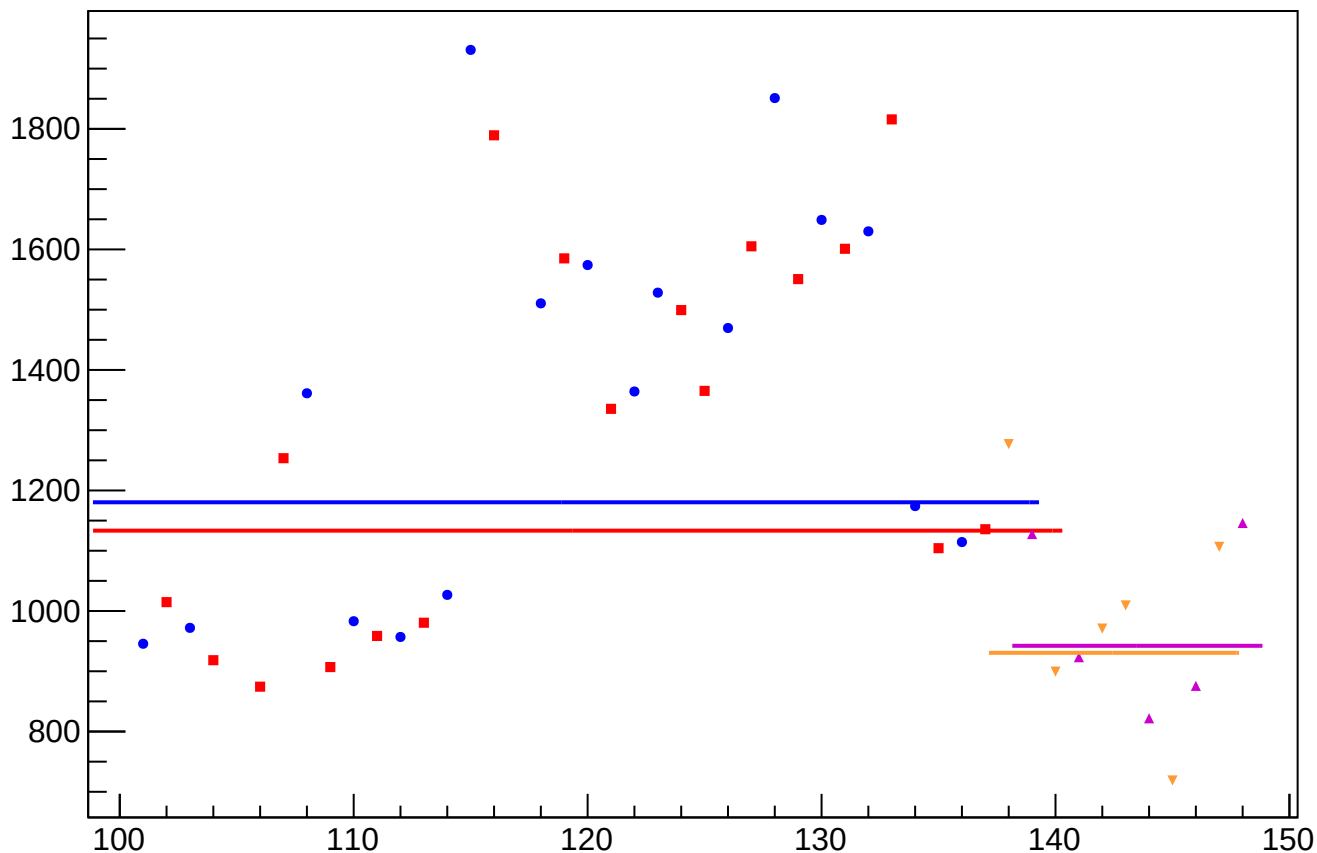
Right: 369.872 ± 321.264 $\chi^2/\text{NDF}: 35.4/34$

In: 458.409 ± 332.695 $\chi^2/\text{NDF}: 29.4/21$

Out: -144.703 ± 317.508 $\chi^2/\text{NDF}: 29.6/23$

All: 142.773 ± 229.694 $\chi^2/\text{NDF}: 60.7/45$

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 930.594 $\pm$ 0.324 χ^2/NDF : 292846.8/5

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 942.271 $\pm$ 0.333 χ^2/NDF : 138892.4/4

Left: 936.265 $\pm$ 0.232 χ^2/NDF : 432370.4/10

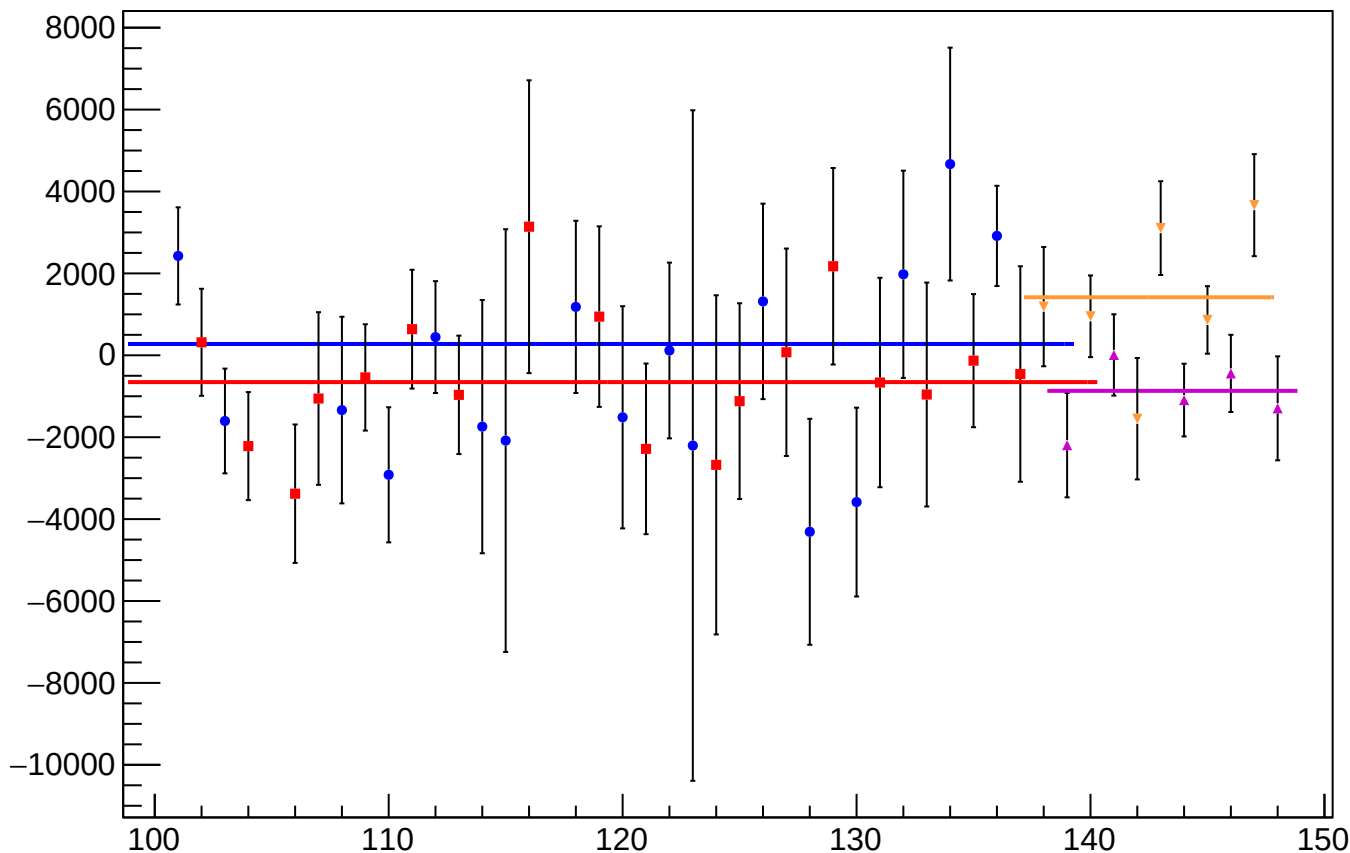
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1061.799 $\pm$ 0.235 χ^2/NDF : 1063893.6/21

Out: 1035.944 $\pm$ 0.225 χ^2/NDF : 1256818.7/23

All: 1048.268 $\pm$ 0.162 χ^2/NDF : 2327034.1/45

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1416.830+/-455.918 χ^2/NDF :10.1/5

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -868.000+/-463.934 χ^2/NDF :2.2/4

Left: 294.325+/-325.180 χ^2/NDF : 24.7/10

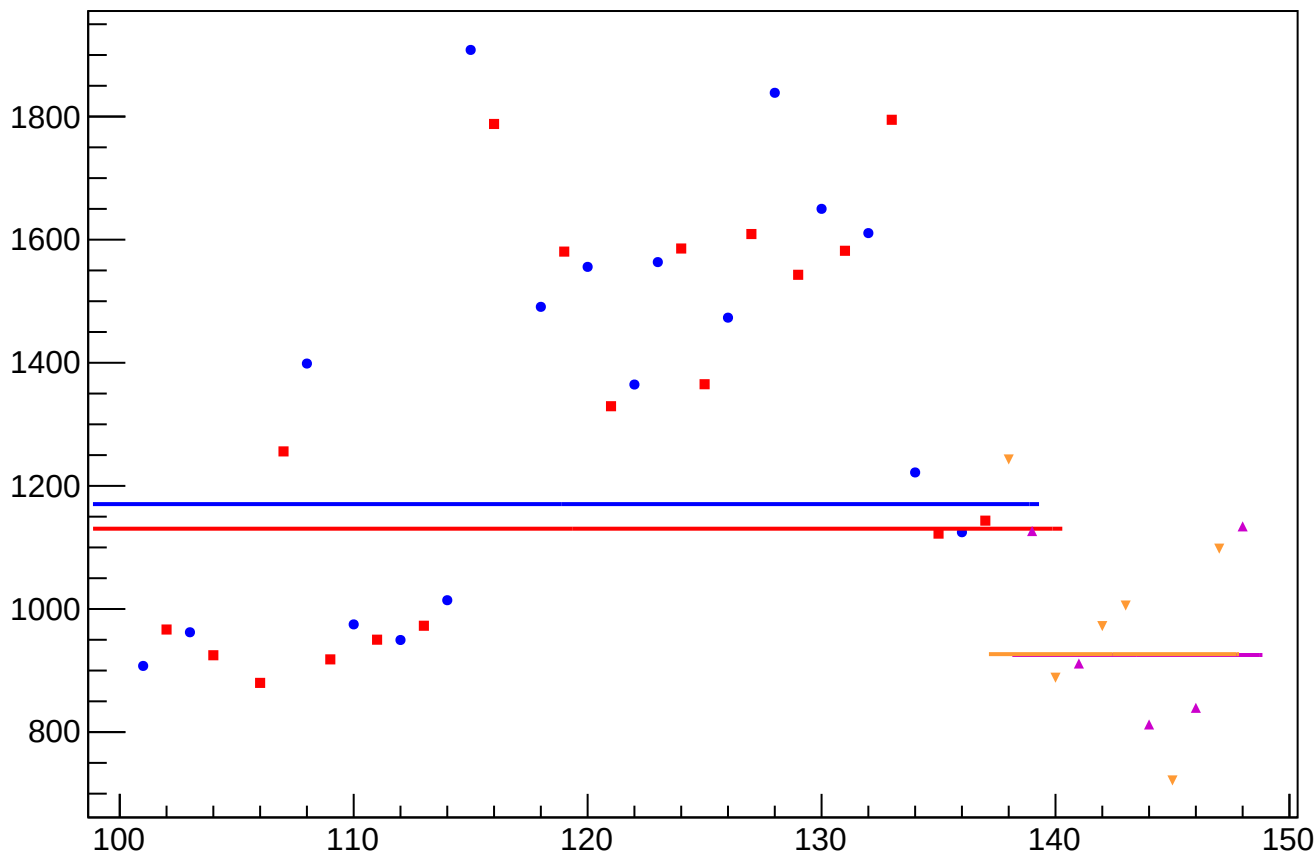
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -298.852+/-328.928 χ^2/NDF :29.6/21

Out: 344.009+/-316.539 χ^2/NDF :30.4/23

All: 34.912+/-228.081 χ^2/NDF : 62.0/45

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 926.661+/-0.322 χ^2/NDF : 270396.6/5

Right Out: 1130.456+/-0.311 χ^2/NDF : 763027.2/17

Left In: 925.262+/-0.328 χ^2/NDF : 153467.1/4

Left: 925.974+/-0.230 χ^2/NDF : 423873.0/10

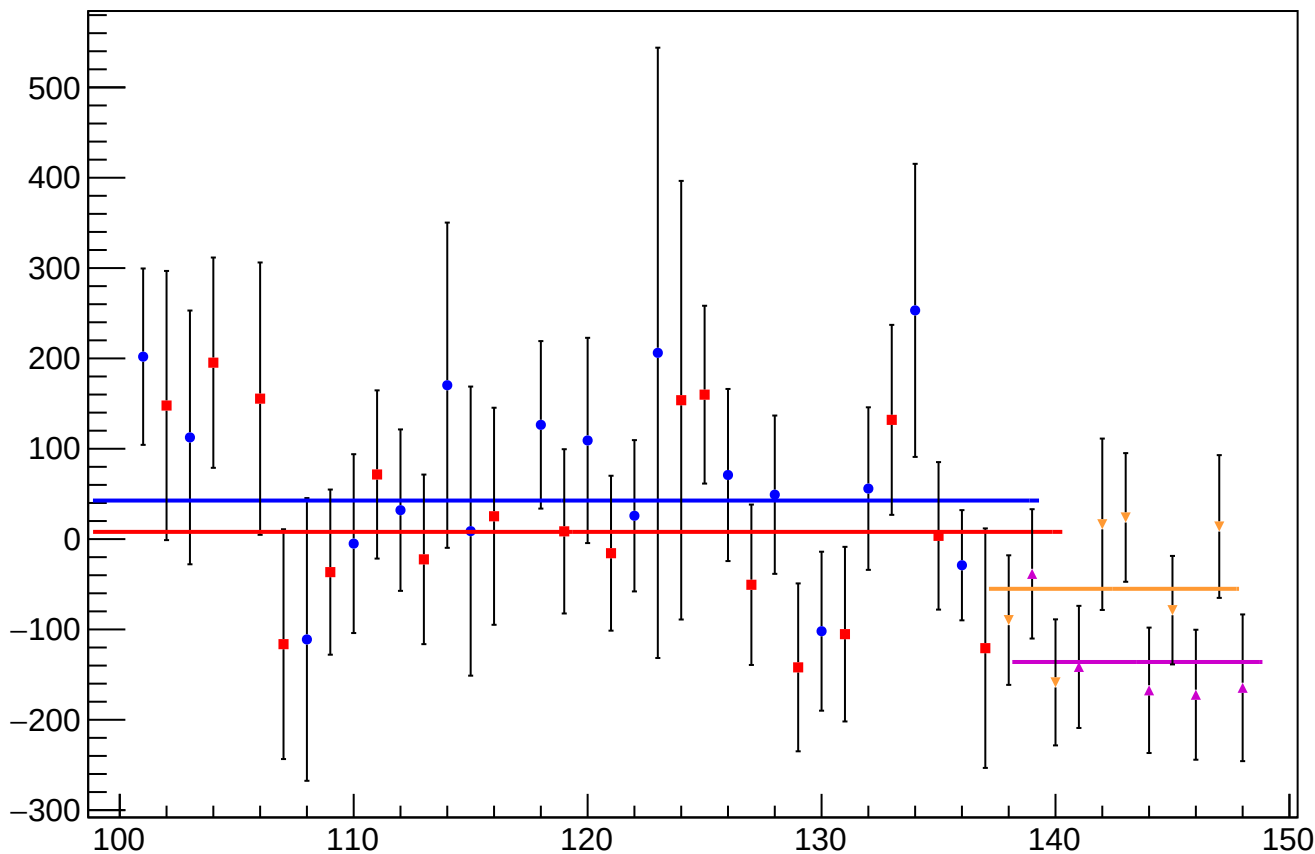
Right: 1149.259+/-0.226 χ^2/NDF : 1476279.7/34

In: 1047.177+/-0.233 χ^2/NDF : 1136664.7/21

Out: 1032.219+/-0.224 χ^2/NDF : 1240411.0/23

All: 1039.411+/-0.161 χ^2/NDF : 2379222.9/45

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -55.028 ± 29.543 $\chi^2/\text{NDF}: 5.2/5$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -136.028 ± 32.166 $\chi^2/\text{NDF}: 2.4/4$

Left: -92.091 ± 21.758 $\chi^2/\text{NDF}: 11.0/10$

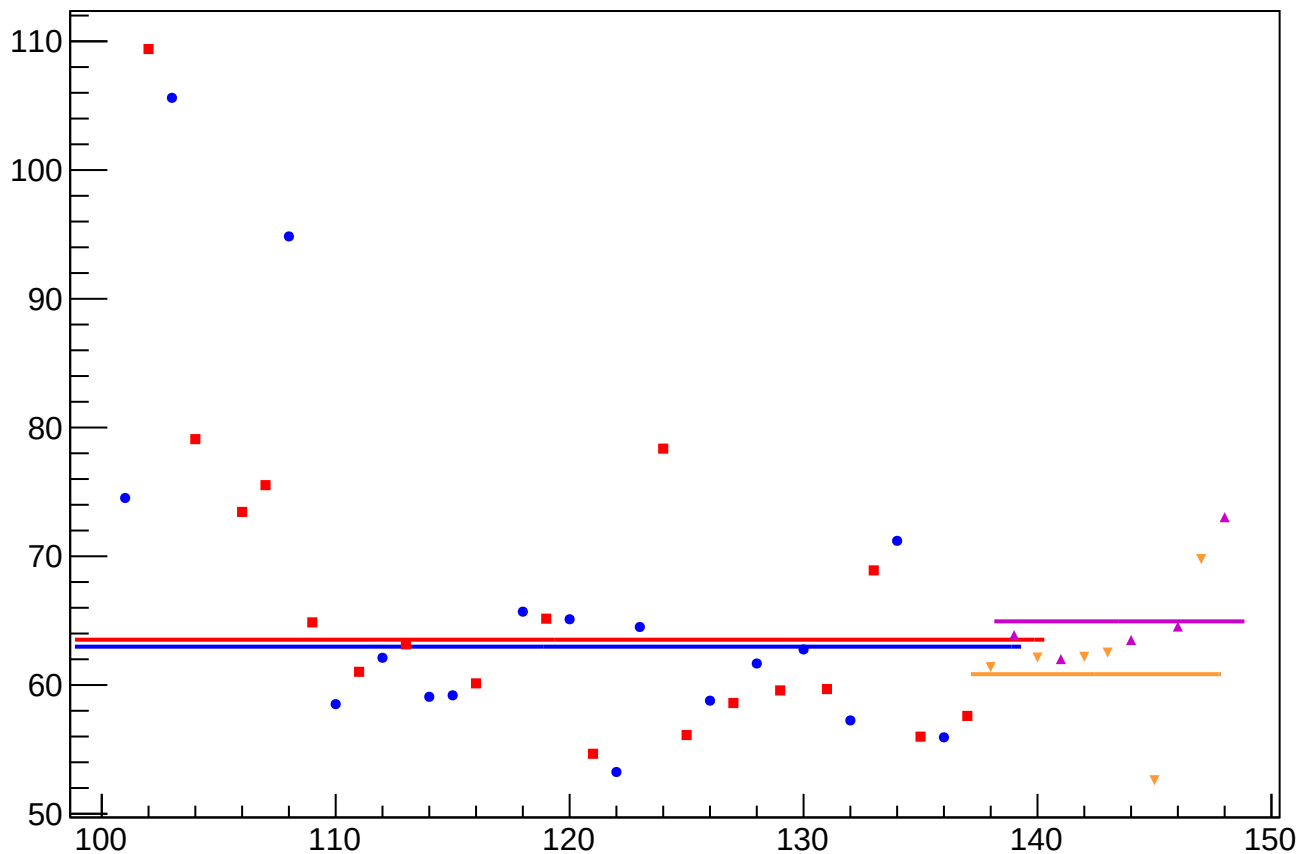
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -23.615 ± 19.591 $\chi^2/\text{NDF}: 33.8/21$

Out: -17.677 ± 18.855 $\chi^2/\text{NDF}: 23.6/23$

All: -20.532 ± 13.585 $\chi^2/\text{NDF}: 57.5/45$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 60.843 $\pm$ 0.021 χ^2 /NDF: 65571.9/5

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 64.946 $\pm$ 0.023 χ^2 /NDF: 24989.3/4

Left: 62.720 $\pm$ 0.015 χ^2 /NDF: 108205.1/10

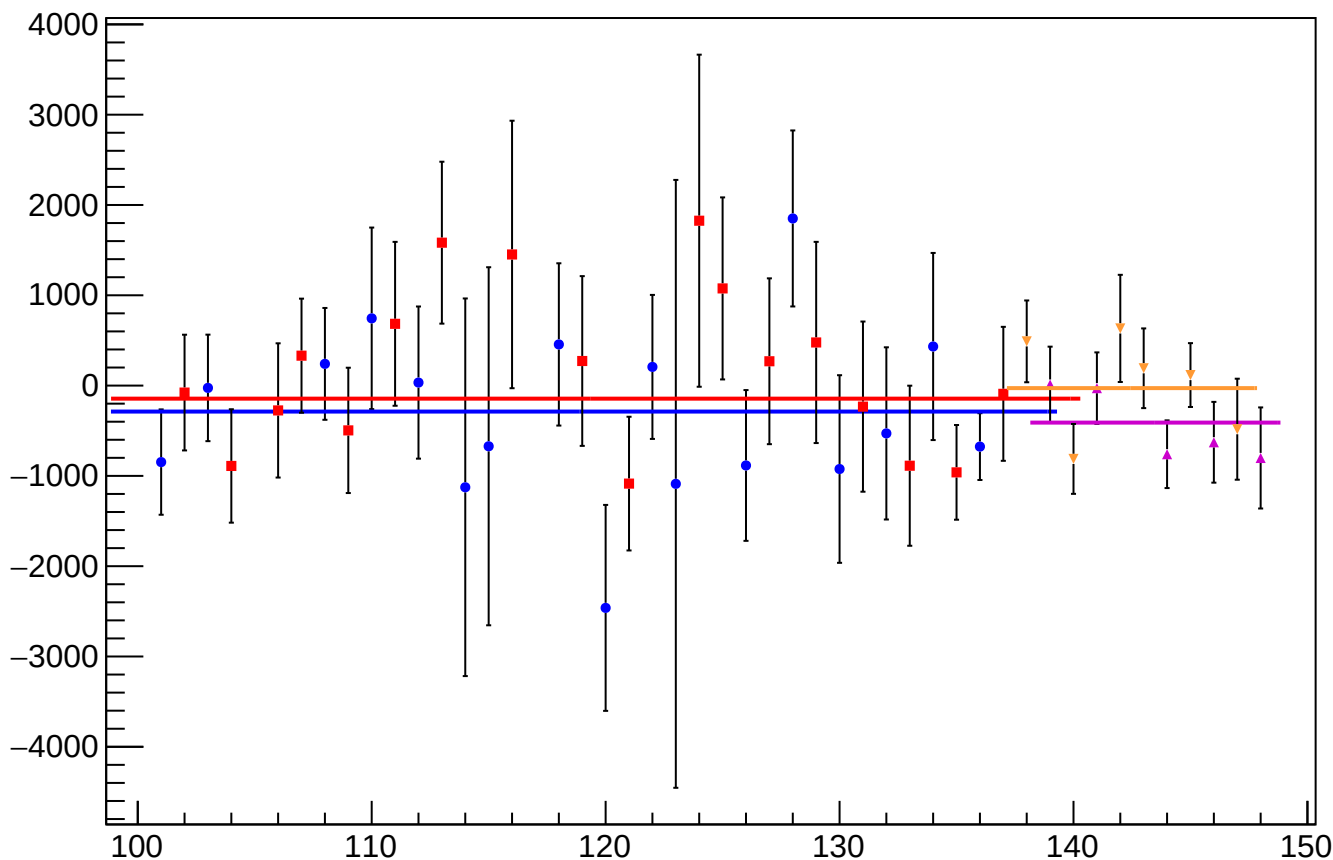
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.709 $\pm$ 0.014 χ^2 /NDF: 404949.7/21

Out: 62.431 $\pm$ 0.013 χ^2 /NDF: 410748.4/23

All: 63.046 $\pm$ 0.010 χ^2 /NDF: 820117.5/45

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -28.040 ± 180.404 $\chi^2/\text{NDF}: 7.7/5$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -409.898 ± 191.160 $\chi^2/\text{NDF}: 3.5/4$

Left: -207.924 ± 131.203 $\chi^2/\text{NDF}: 13.4/10$

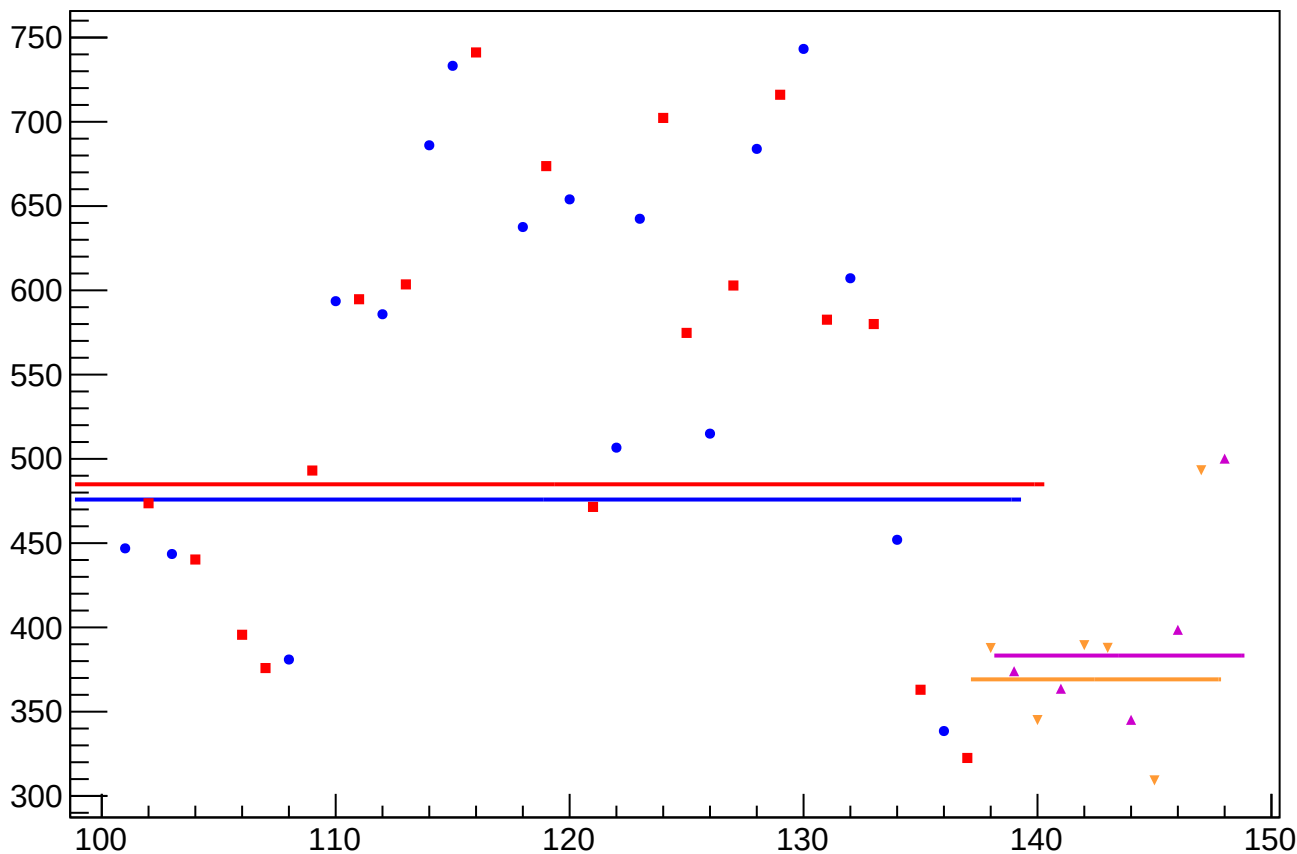
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -348.382 ± 134.719 $\chi^2/\text{NDF}: 19.1/21$

Out: -83.998 ± 130.093 $\chi^2/\text{NDF}: 24.0/23$

All: -211.574 ± 93.582 $\chi^2/\text{NDF}: 45.1/45$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 369.175 $\pm$ 0.128 χ^2/NDF : 173015.8/5

Right Out: 484.914 $\pm$ 0.133 χ^2/NDF : 716315.8/17

Left In: 383.298 $\pm$ 0.135 χ^2/NDF : 116110.2/4

Left: 375.828 $\pm$ 0.093 χ^2/NDF : 294899.8/10

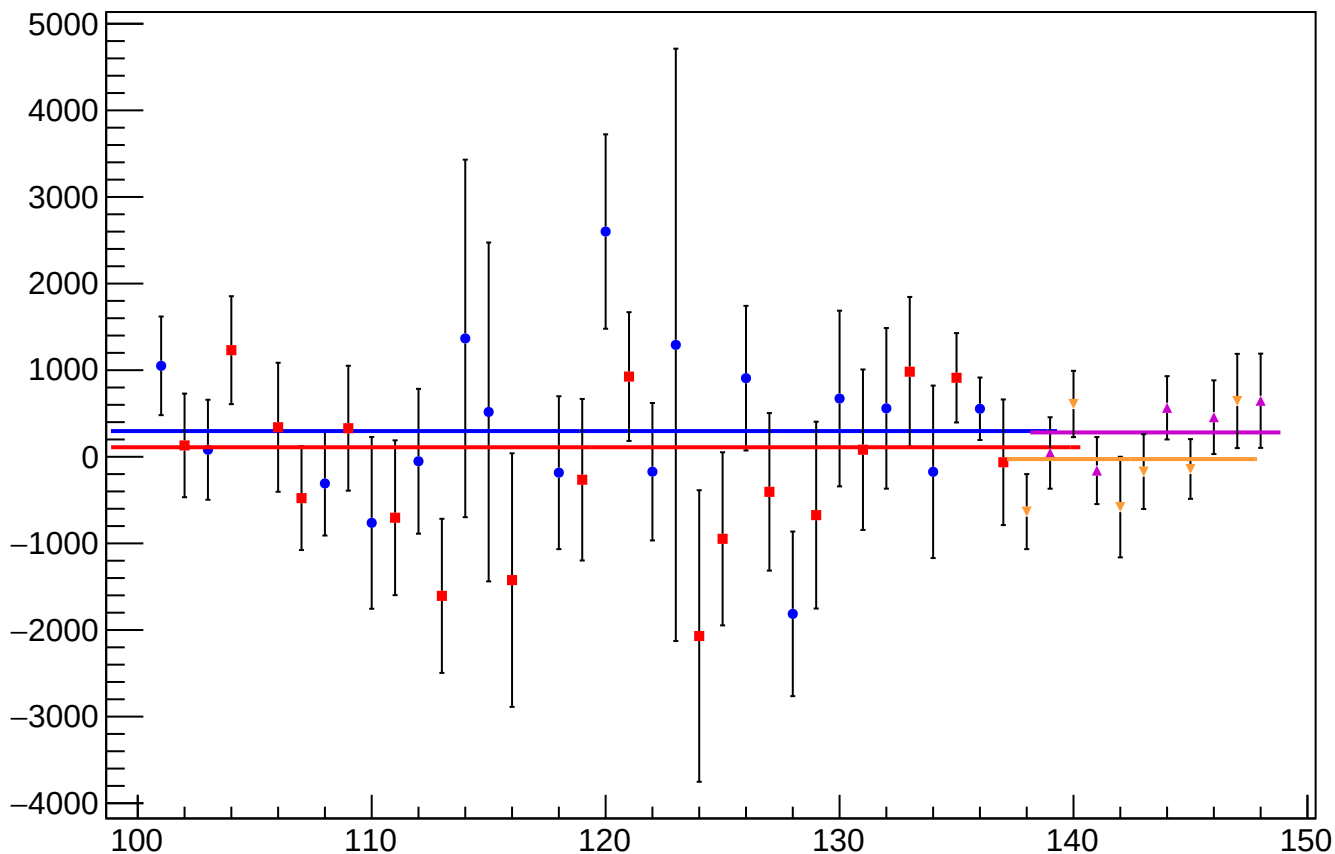
Right: 480.443 $\pm$ 0.094 χ^2/NDF : 1556417.6/34

In: 429.893 $\pm$ 0.095 χ^2/NDF : 1190000.2/21

Out: 424.728 $\pm$ 0.092 χ^2/NDF : 1284442.0/23

All: 427.220 $\pm$ 0.066 χ^2/NDF : 2475963.8/45

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -26.539 $\pm$ 176.006 χ^2 /NDF:7.4/5

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 281.342 $\pm$ 185.879 χ^2 /NDF:2.9/4

Left: 119.008 $\pm$ 127.803 χ^2 /NDF: 11.7/10

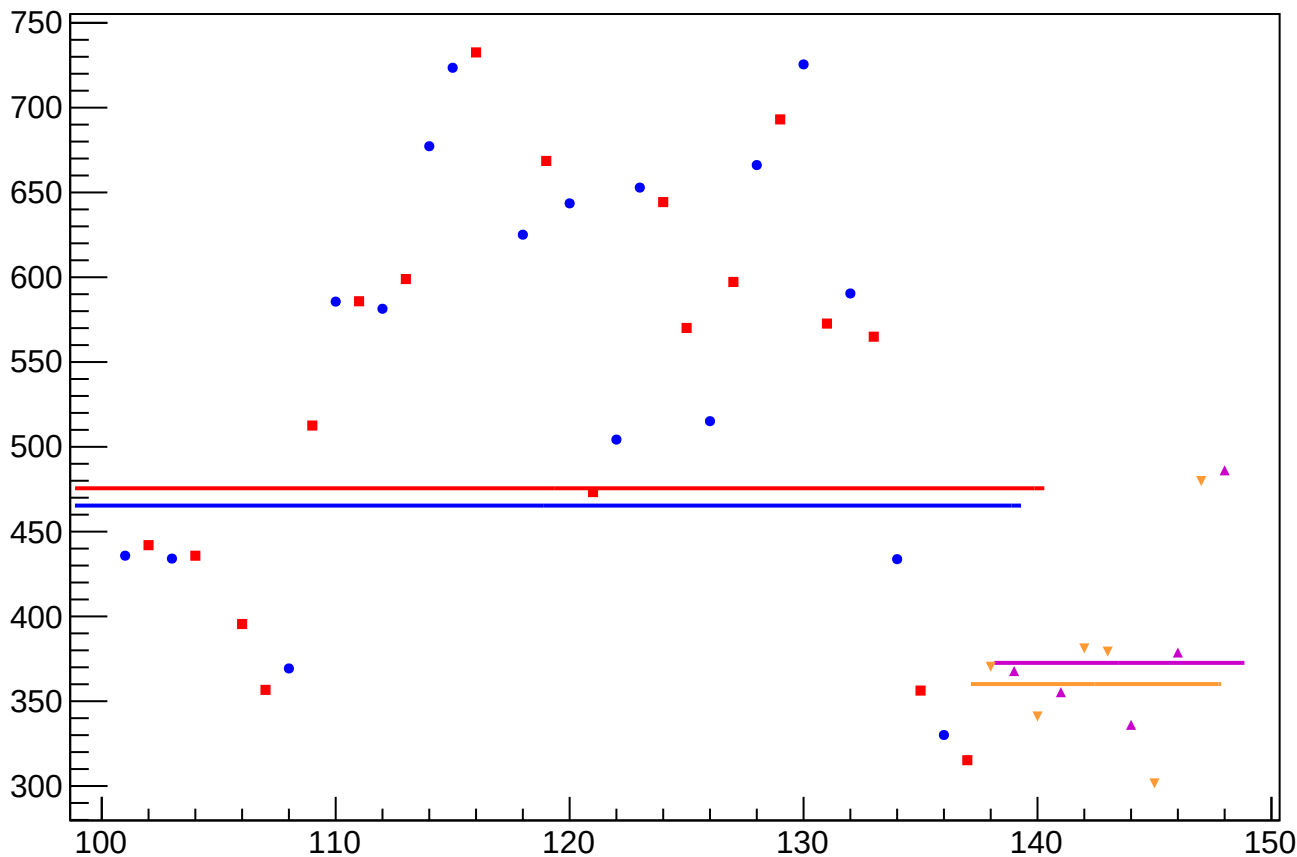
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 289.159 $\pm$ 131.470 χ^2 /NDF:18.7/21

Out: 38.619 $\pm$ 127.319 χ^2 /NDF:26.2/23

All: 159.871 $\pm$ 91.461 χ^2 /NDF: 46.8/45

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 360.114 $\pm$ 0.124 χ^2/NDF :167126.9/5

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 372.614 $\pm$ 0.131 χ^2/NDF :111727.5/4

Left: 366.024 $\pm$ 0.090 χ^2/NDF : 283623.4/10

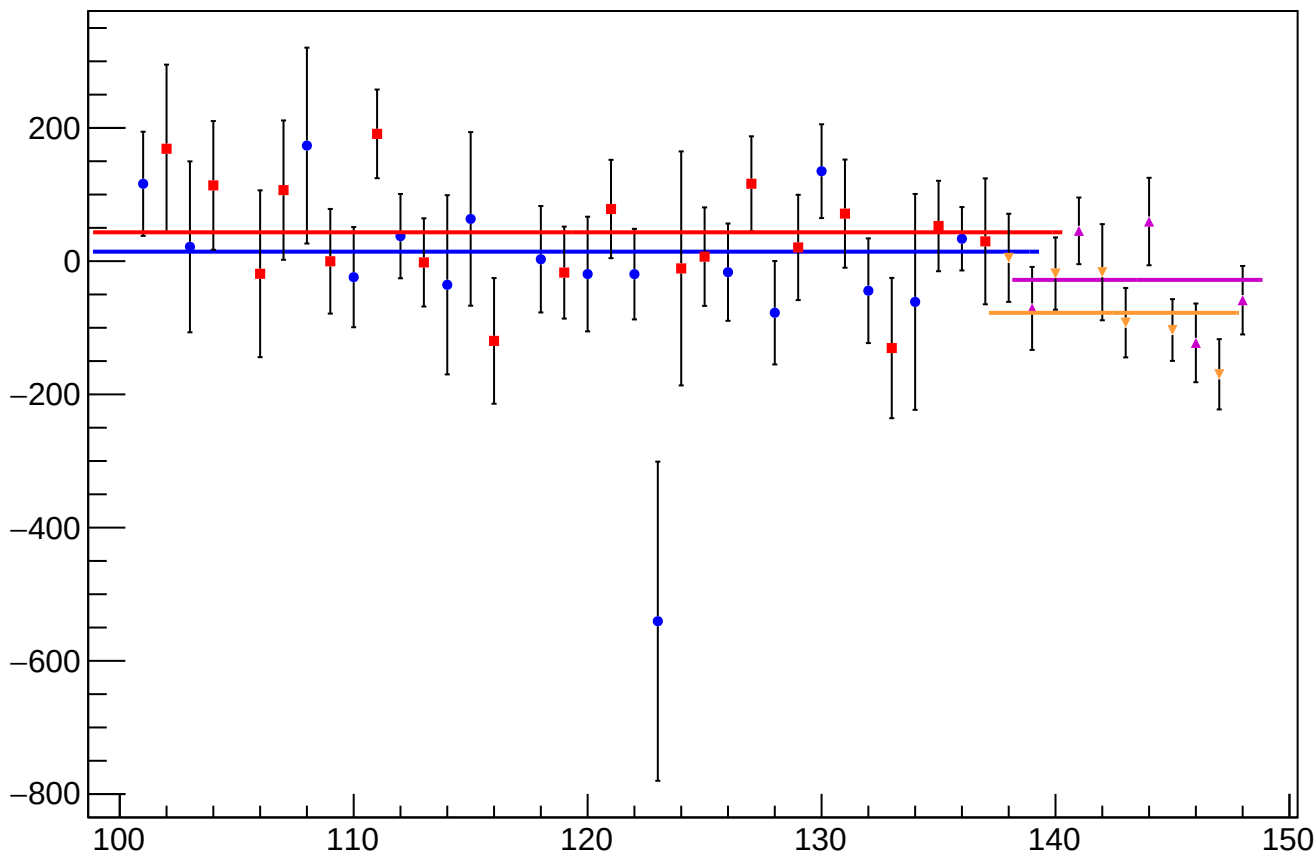
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 418.961 $\pm$ 0.093 χ^2/NDF :1220953.7/21

Out: 415.149 $\pm$ 0.090 χ^2/NDF :1318170.2/23

All: 416.994 $\pm$ 0.065 χ^2/NDF : 2539991.3/45

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -77.563 ± 22.626 χ^2/NDF : 6.9/5

Right Out: 43.336 ± 19.650 χ^2/NDF : 16.2/17

Left In: -28.098 ± 25.363 χ^2/NDF : 7.3/4

Left: -55.643 ± 16.884 χ^2/NDF : 16.4/10

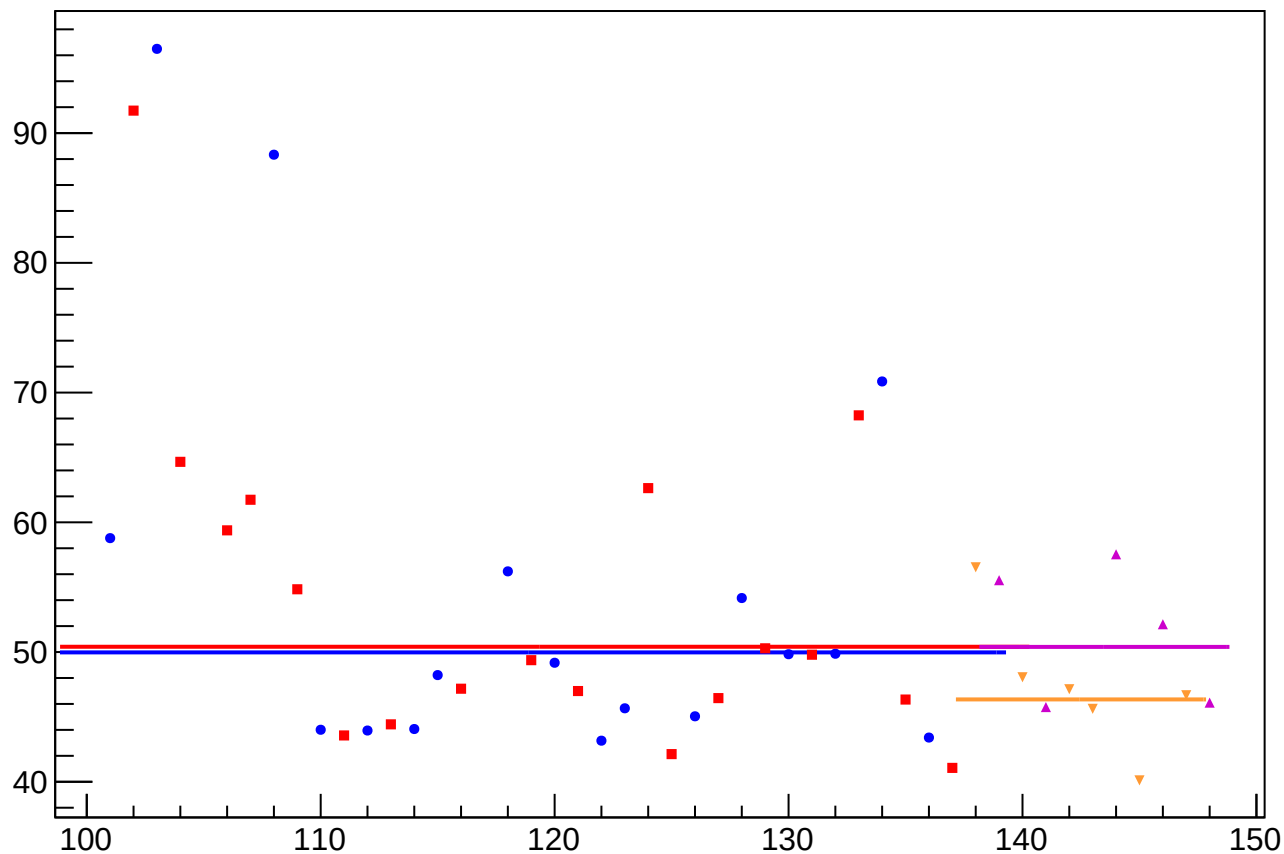
Right: 28.954 ± 13.971 χ^2/NDF : 32.0/34

In: -1.851 ± 15.640 χ^2/NDF : 23.9/21

Out: -8.644 ± 14.836 χ^2/NDF : 39.3/23

All: -5.426 ± 10.764 χ^2/NDF : 63.3/45

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 46.348 $\pm$ 0.016 χ^2 /NDF: 86363.4/5

Right Out: 50.408 $\pm$ 0.014 χ^2 /NDF: 467481.4/17

Left In: 50.397 $\pm$ 0.018 χ^2 /NDF: 70185.1/4

Left: 48.142 $\pm$ 0.012 χ^2 /NDF: 184927.2/10

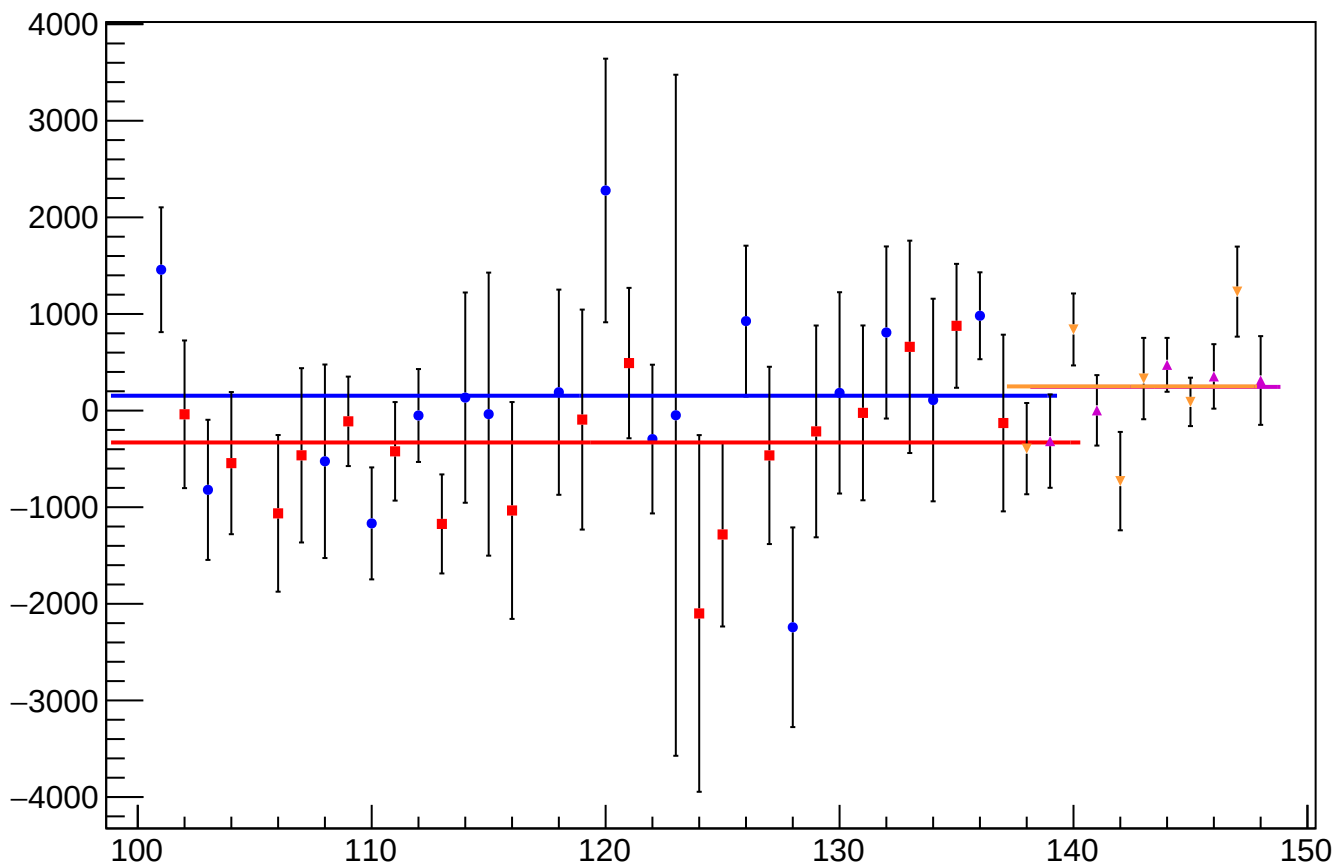
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 50.134 $\pm$ 0.011 χ^2 /NDF: 649281.3/21

Out: 48.662 $\pm$ 0.010 χ^2 /NDF: 590555.6/23

All: 49.359 $\pm$ 0.008 χ^2 /NDF: 1249159.3/45

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842+/-189.963 χ^2/NDF : 24.8/16

Left Out: 250.344+/-154.804 χ^2/NDF :12.9/5

Right Out: -329.952+/-179.795 χ^2/NDF : 12.1/17

Left In: 245.216+/-161.416 χ^2/NDF :2.6/4

Left: 247.887+/-111.727 χ^2/NDF : 15.5/10

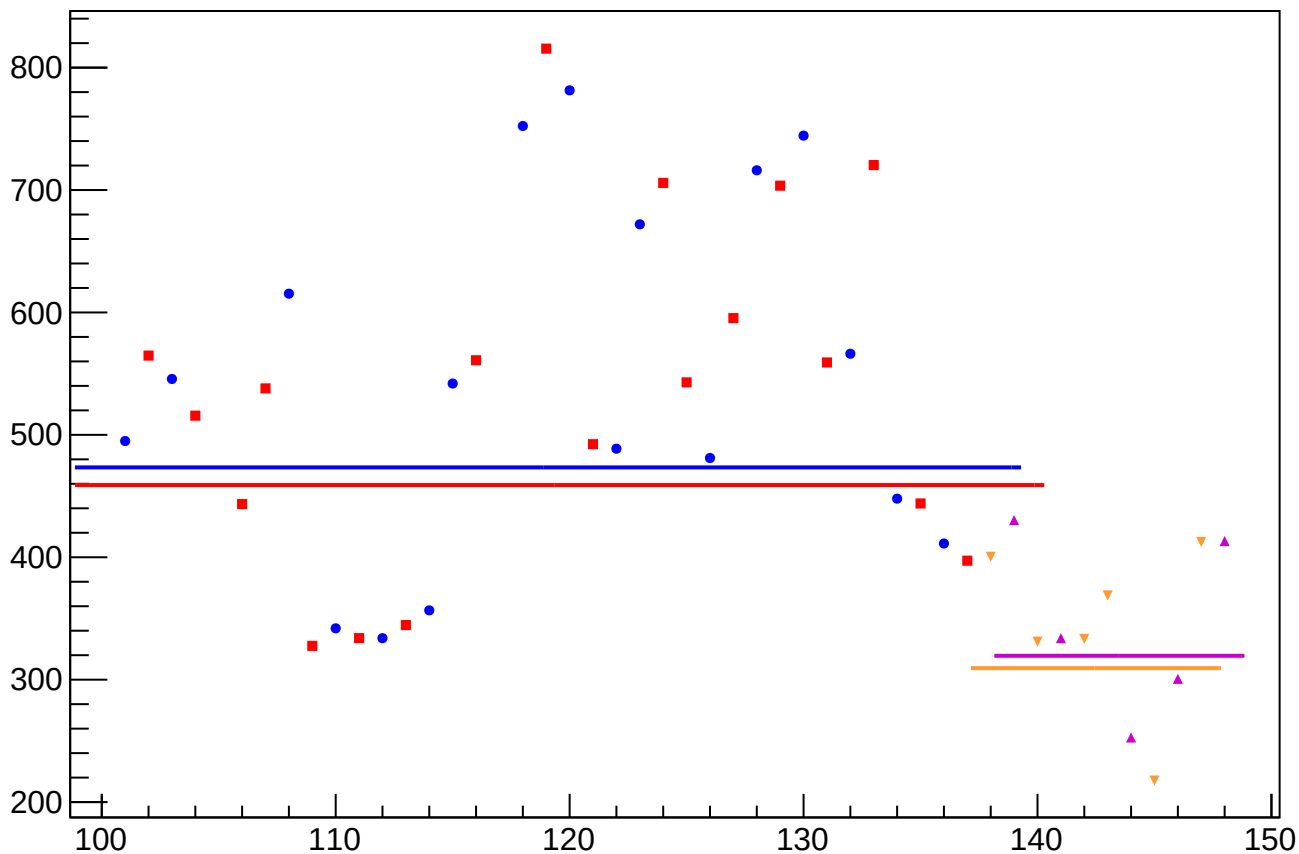
Right: -101.350+/-130.581 χ^2/NDF : 40.3/34

In: 206.904+/-123.006 χ^2/NDF :27.5/21

Out: 3.296+/-117.312 χ^2/NDF :31.0/23

All: 100.279+/-84.894 χ^2/NDF : 59.9/45

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 309.448 $\pm$ 0.109 χ^2 /NDF: 491854.9/5

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 319.517 $\pm$ 0.114 χ^2 /NDF: 312578.2/4

Left: 314.272 $\pm$ 0.079 χ^2 /NDF: 808487.0/10

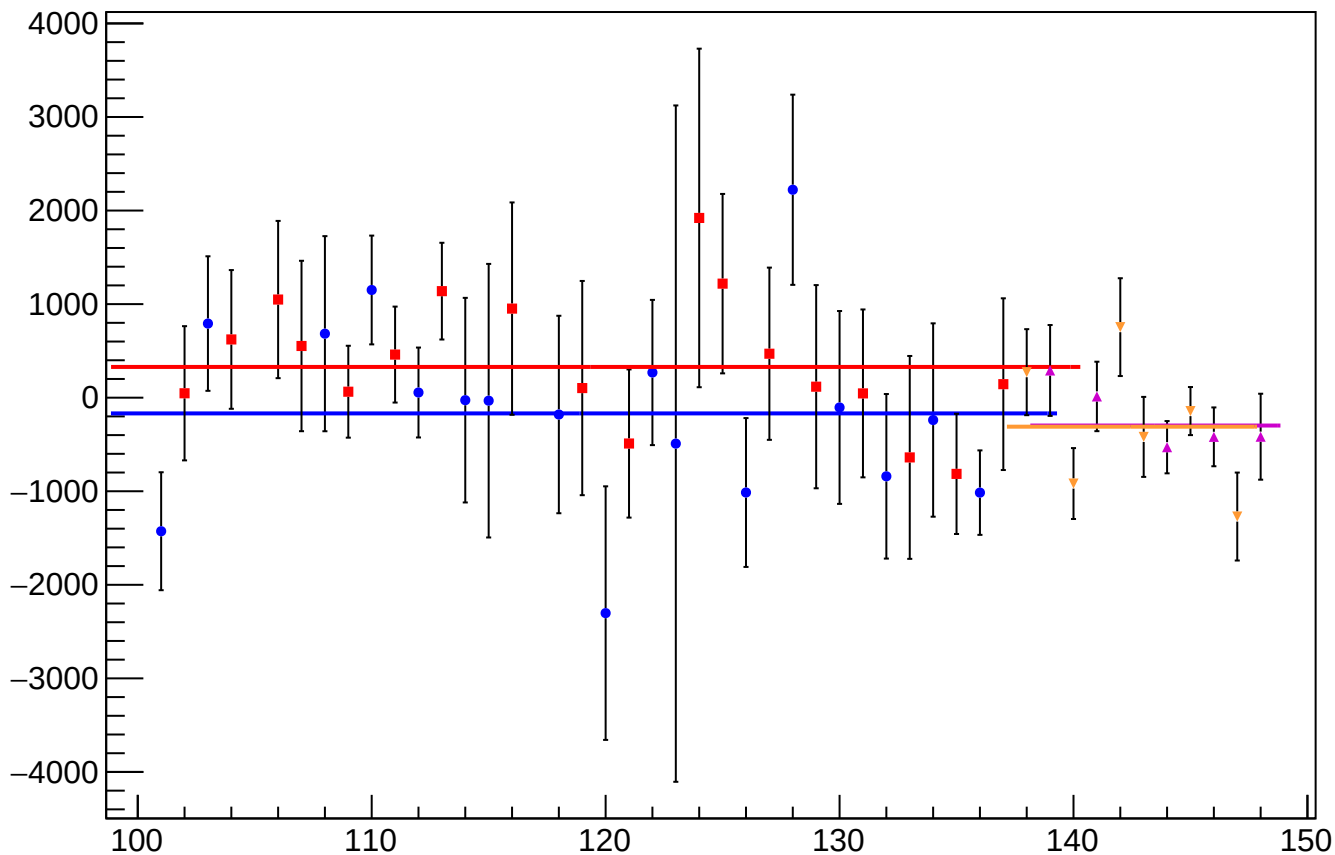
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 384.041 $\pm$ 0.087 χ^2 /NDF: 1989704.4/21

Out: 373.111 $\pm$ 0.083 χ^2 /NDF: 2292642.5/23

All: 378.318 $\pm$ 0.060 χ^2 /NDF: 4290616.2/45

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -309.924+/-157.117 χ^2/NDF :13.0/5

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -297.714+/-159.788 χ^2/NDF :3.1/4

Left: -303.922+/-112.031 χ^2/NDF : 16.1/10

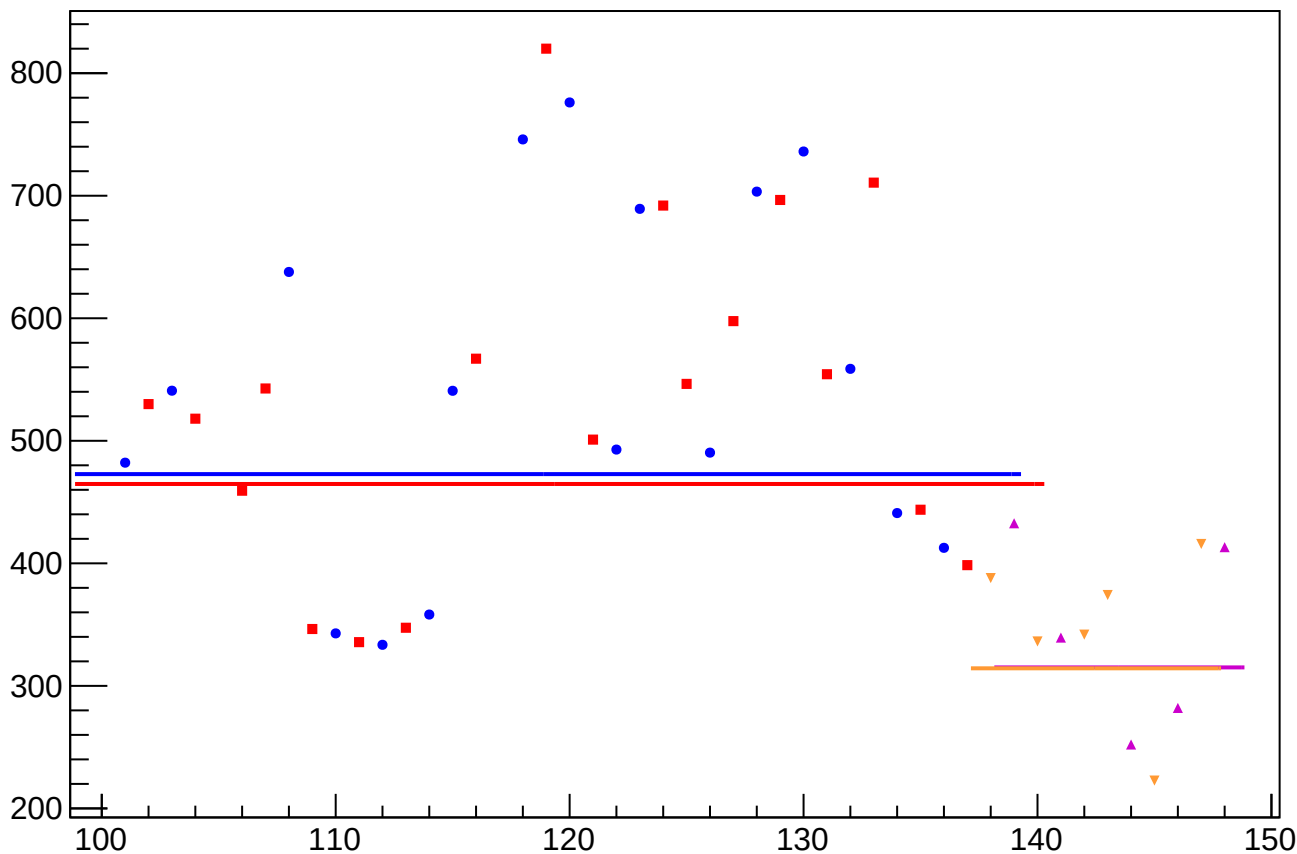
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -243.918+/-122.226 χ^2/NDF :28.8/21

Out: -36.506+/-118.808 χ^2/NDF :31.2/23

All: -137.271+/-85.193 χ^2/NDF : 61.4/45

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 314.329 $\pm$ 0.111 χ^2 /NDF: 450364.0/5

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 315.069 $\pm$ 0.113 χ^2 /NDF: 340662.8/4

Left: 314.693 $\pm$ 0.079 χ^2 /NDF: 791048.6/10

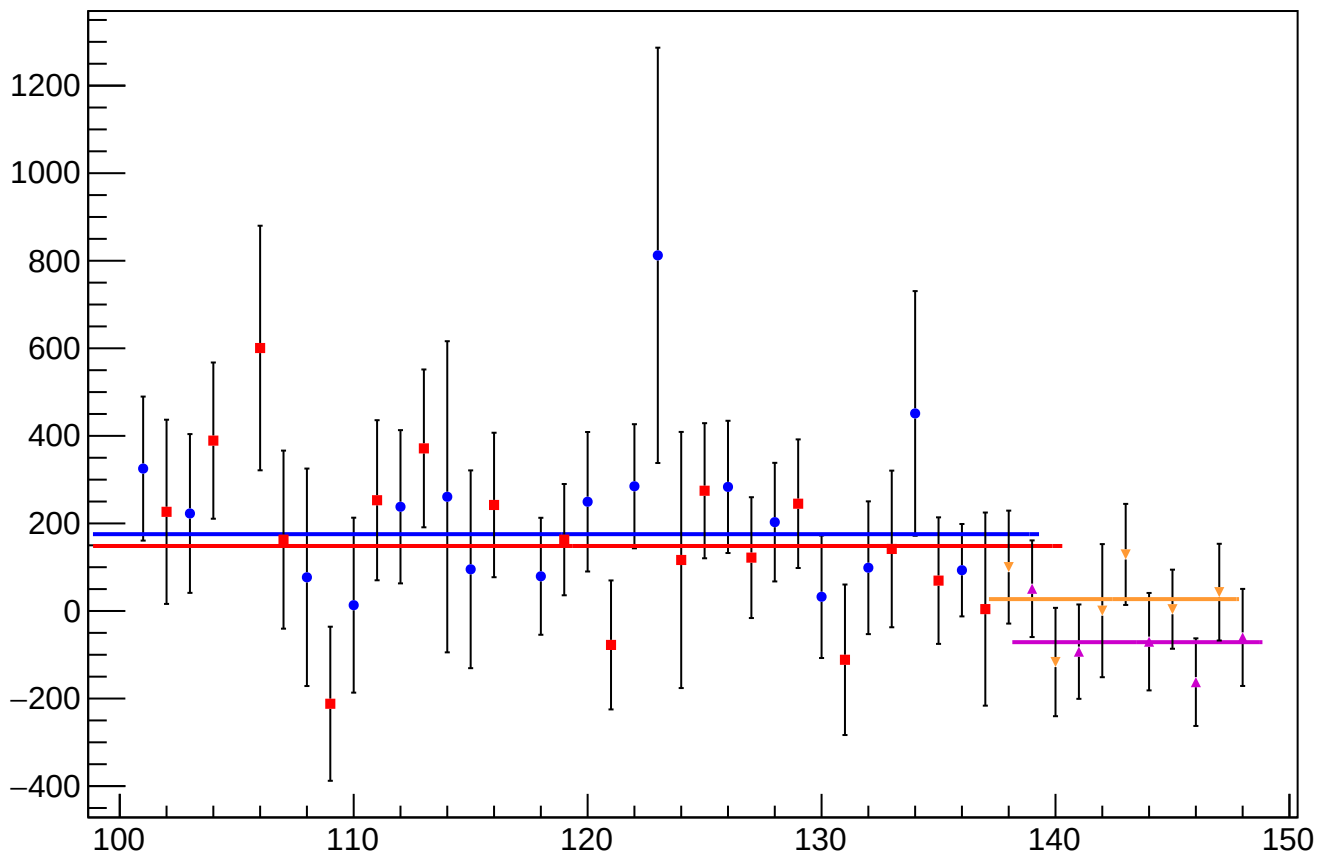
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 380.518 $\pm$ 0.086 χ^2 /NDF: 2045779.6/21

Out: 378.744 $\pm$ 0.084 χ^2 /NDF: 2150221.9/23

All: 379.606 $\pm$ 0.060 χ^2 /NDF: 4196218.0/45

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: 27.134 ± 47.232 χ^2/NDF : 2.6/5

Right Out: 148.445 ± 40.332 χ^2/NDF : 17.5/17

Left In: -71.231 ± 48.218 χ^2/NDF : 2.1/4

Left: -21.032 ± 33.741 χ^2/NDF : 6.8/10

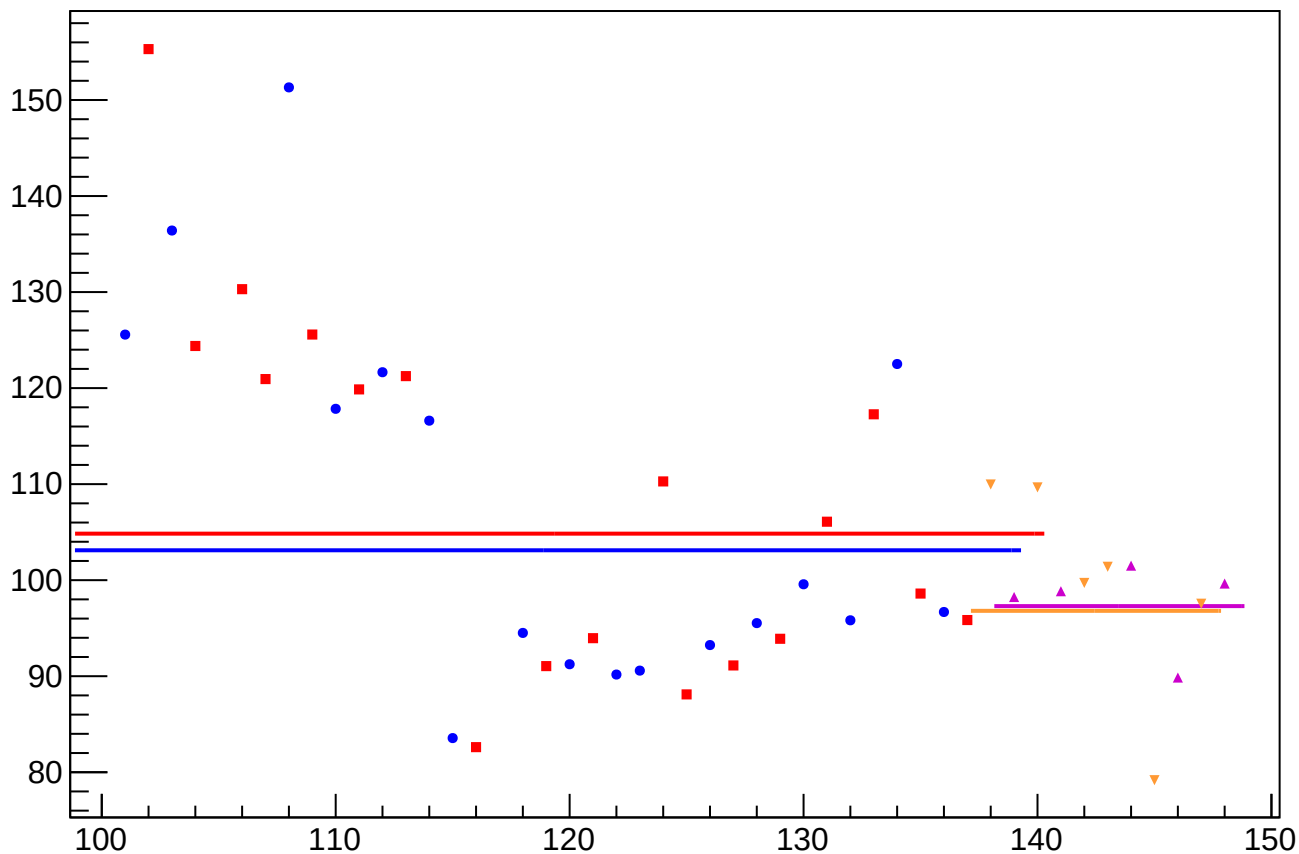
Right: 161.947 ± 28.528 χ^2/NDF : 26.3/34

In: 73.838 ± 30.948 χ^2/NDF : 26.1/21

Out: 97.289 ± 30.671 χ^2/NDF : 23.9/23

All: 85.669 ± 21.785 χ^2/NDF : 50.3/45

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 96.806 $\pm$ 0.033 χ^2/NDF :122590.1/5

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 97.299 $\pm$ 0.034 χ^2/NDF :15375.9/4

Left: 97.047 $\pm$ 0.024 χ^2/NDF : 138072.5/10

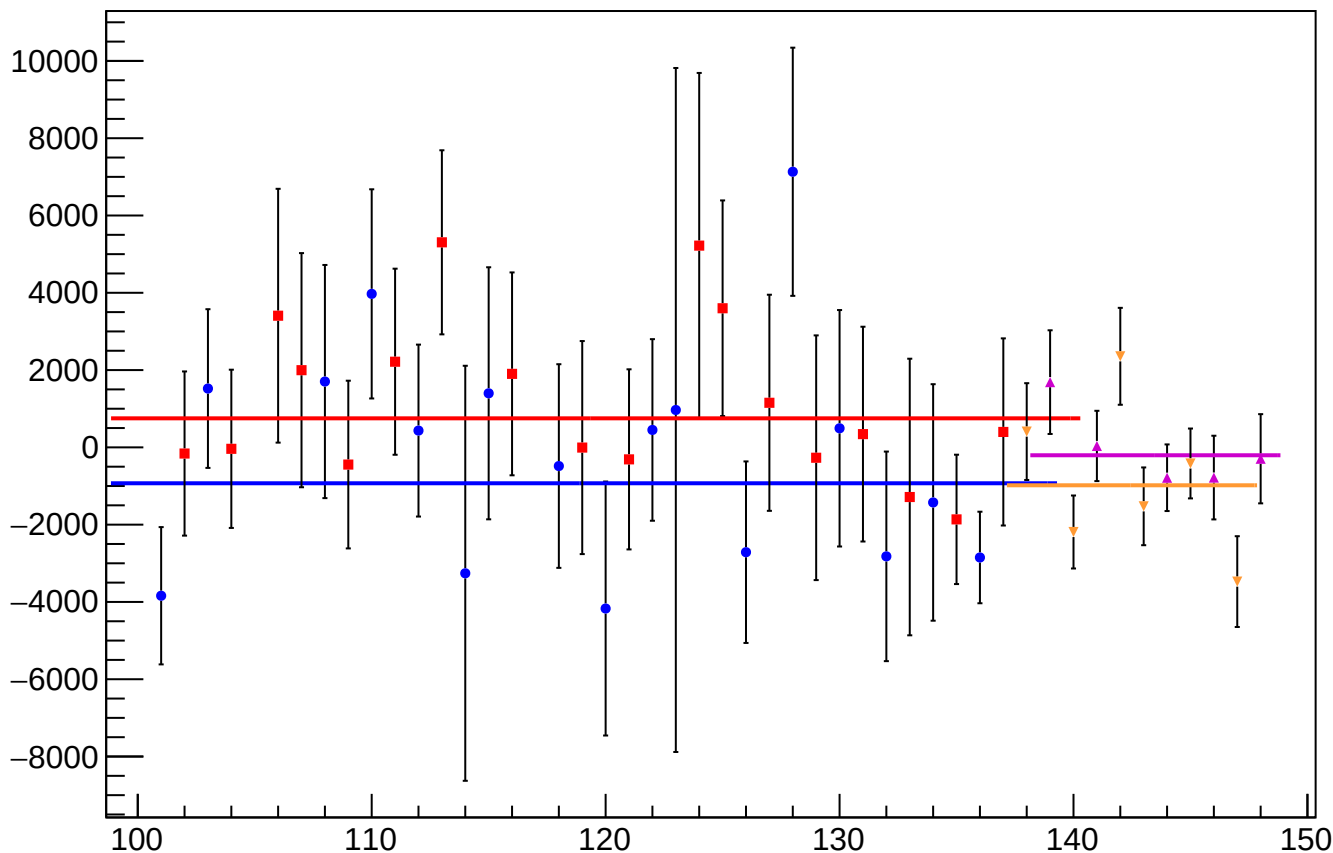
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 100.717 $\pm$ 0.022 χ^2/NDF :338909.9/21

Out: 101.455 $\pm$ 0.022 χ^2/NDF :524762.8/23

All: 101.089 $\pm$ 0.015 χ^2/NDF : 864245.4/45

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -981.300+/-433.117 χ^2/NDF :15.1/5

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -204.295+/-460.572 χ^2/NDF :2.8/4

Left: -616.646+/-315.520 χ^2/NDF : 19.5/10

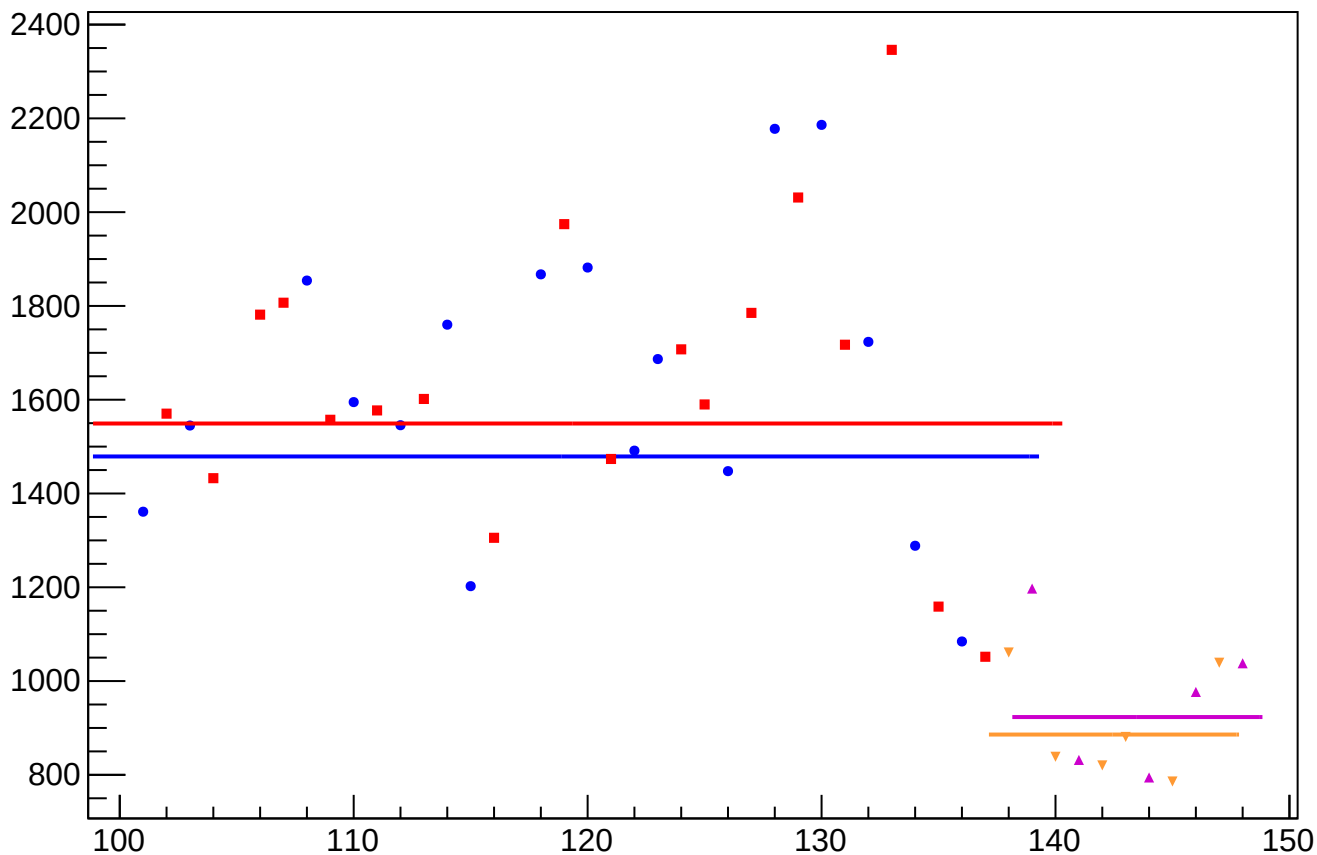
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -480.434+/-362.341 χ^2/NDF :24.6/21

Out: -381.168+/-350.160 χ^2/NDF :31.6/23

All: -429.104+/-251.797 χ^2/NDF : 56.3/45

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 ± 0.415 χ^2/NDF : 589620.8/16

Left Out: 885.937 ± 0.306 χ^2/NDF : 108186.3/5

Right Out: 1549.266 ± 0.421 χ^2/NDF : 462557.8/17

Left In: 923.266 ± 0.326 χ^2/NDF : 172965.3/4

Left: 903.456 ± 0.223 χ^2/NDF : 288123.6/10

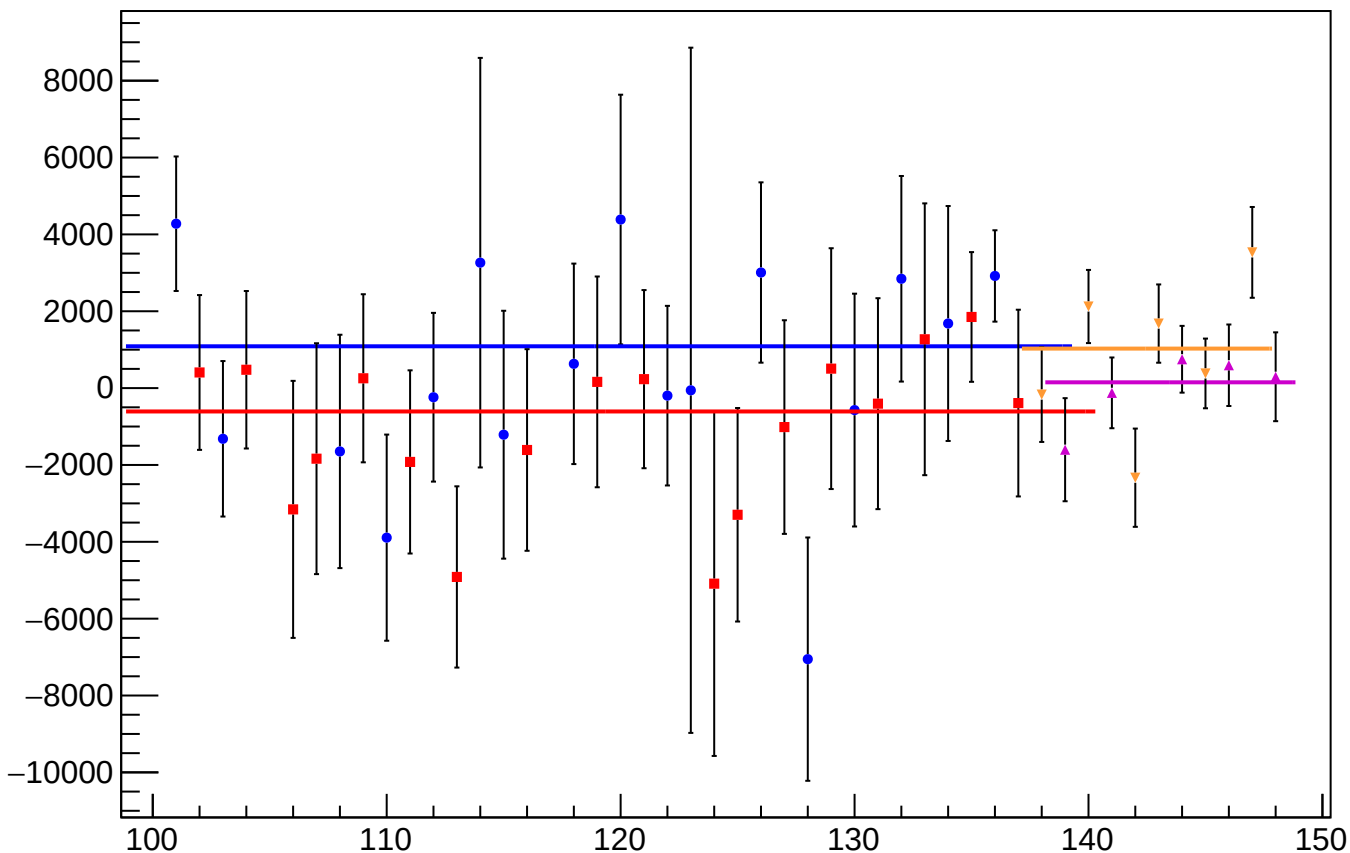
Right: 1513.653 ± 0.295 χ^2/NDF : 1066318.9/34

In: 1135.037 ± 0.256 χ^2/NDF : 1872175.3/21

Out: 1115.704 ± 0.248 χ^2/NDF : 2195676.6/23

All: 1125.040 ± 0.178 χ^2/NDF : 4070796.1/45

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1028.159+/-435.648 χ^2/NDF : 14.6/5

Right Out: -607.930+/-591.550 χ^2/NDF : 9.9/17

Left In: 150.467+/-461.348 χ^2/NDF : 2.5/4

Left: 614.439+/-316.746 χ^2/NDF : 19.0/10

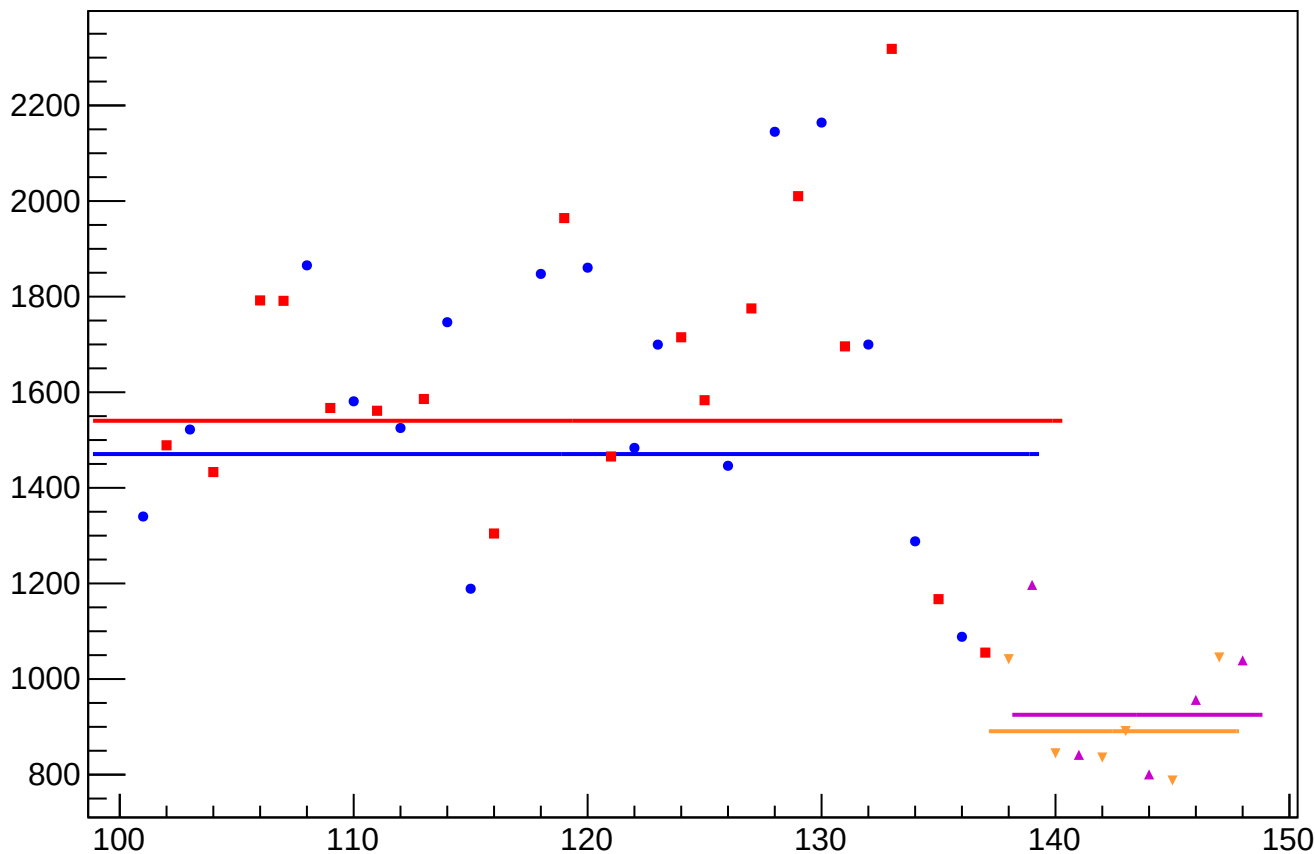
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 511.232+/-361.854 χ^2/NDF : 25.9/21

Out: 452.839+/-350.786 χ^2/NDF : 29.5/23

All: 481.129+/-251.865 χ^2/NDF : 55.4/45

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 890.864 $\pm$ 0.308 χ^2 /NDF: 98259.4/5

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 925.217 $\pm$ 0.326 χ^2 /NDF: 160981.4/4

Left: 907.057 $\pm$ 0.224 χ^2 /NDF: 265102.7/10

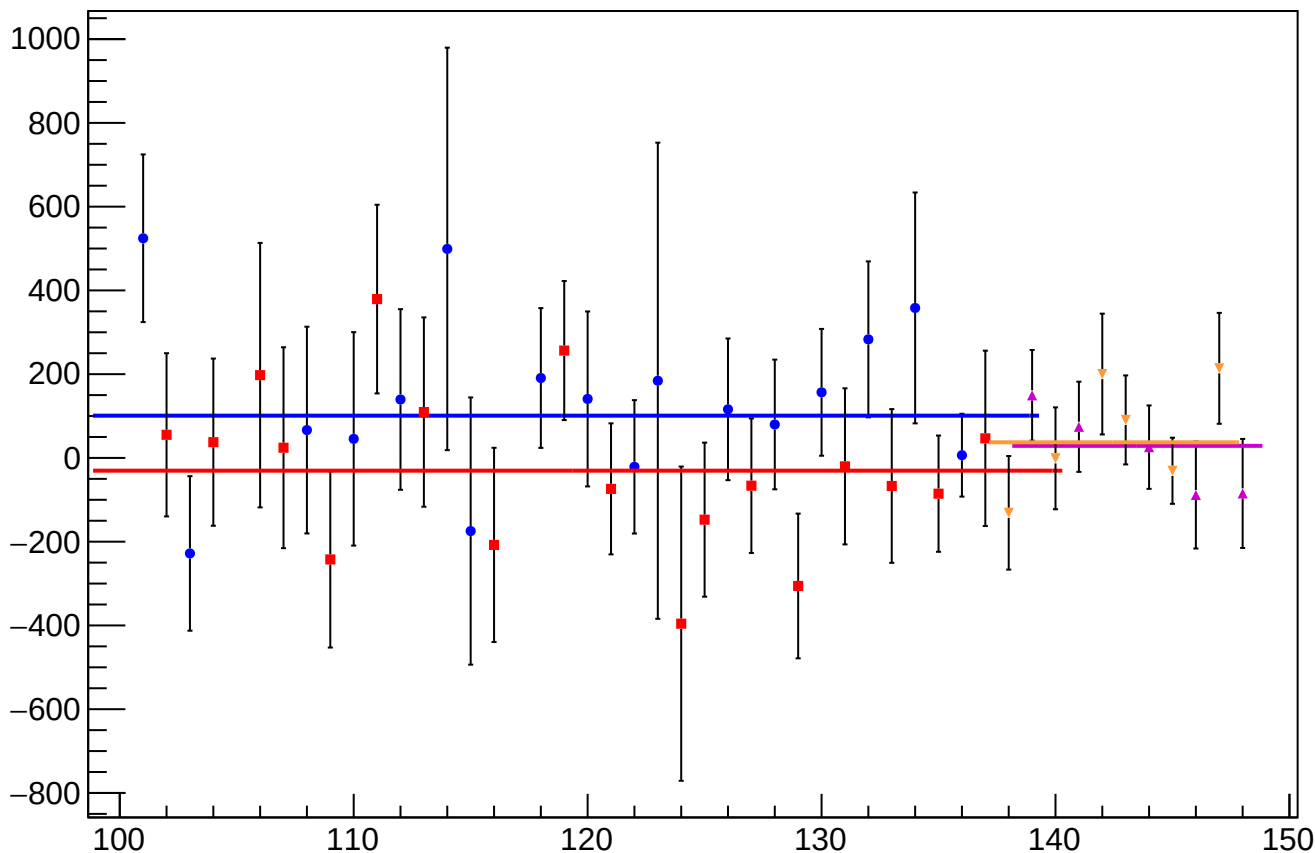
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1135.116 $\pm$ 0.256 χ^2 /NDF: 1804562.0/21

Out: 1119.248 $\pm$ 0.248 χ^2 /NDF: 2104168.0/23

All: 1126.936 $\pm$ 0.178 χ^2 /NDF: 3910712.7/45

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 37.287 $\pm$ 45.826 χ^2 /NDF:5.7/5

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: 28.874 $\pm$ 50.459 χ^2 /NDF:3.0/4

Left: 33.484 $\pm$ 33.924 χ^2 /NDF: 8.7/10

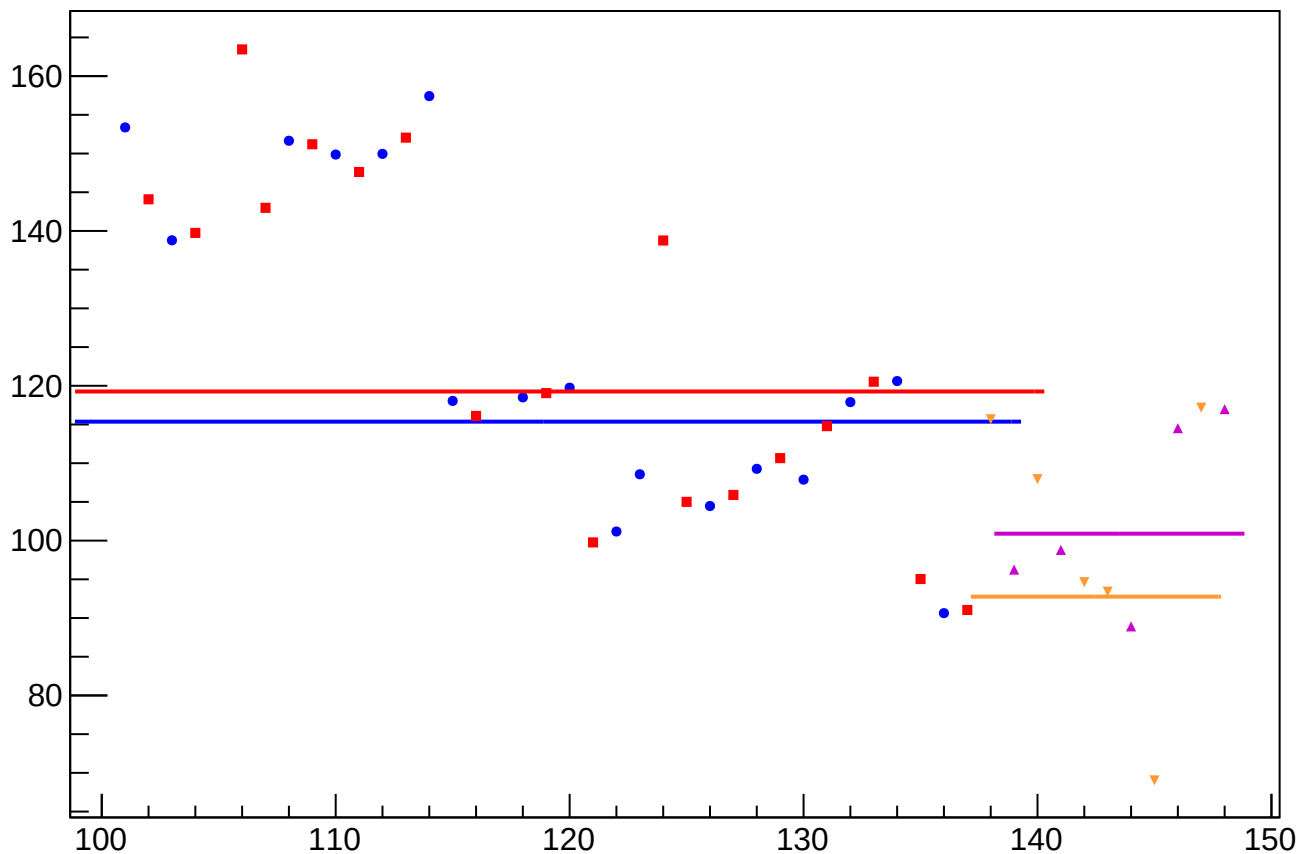
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 68.779 $\pm$ 33.702 χ^2 /NDF:17.2/21

Out: 3.352 $\pm$ 32.363 χ^2 /NDF:20.3/23

All: 34.740 $\pm$ 23.343 χ^2 /NDF: 39.4/45

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 92.759 $\pm$ 0.032 χ^2 /NDF:337372.0/5

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.895 $\pm$ 0.036 χ^2 /NDF:86678.3/4

Left: 96.437 $\pm$ 0.024 χ^2 /NDF: 452543.4/10

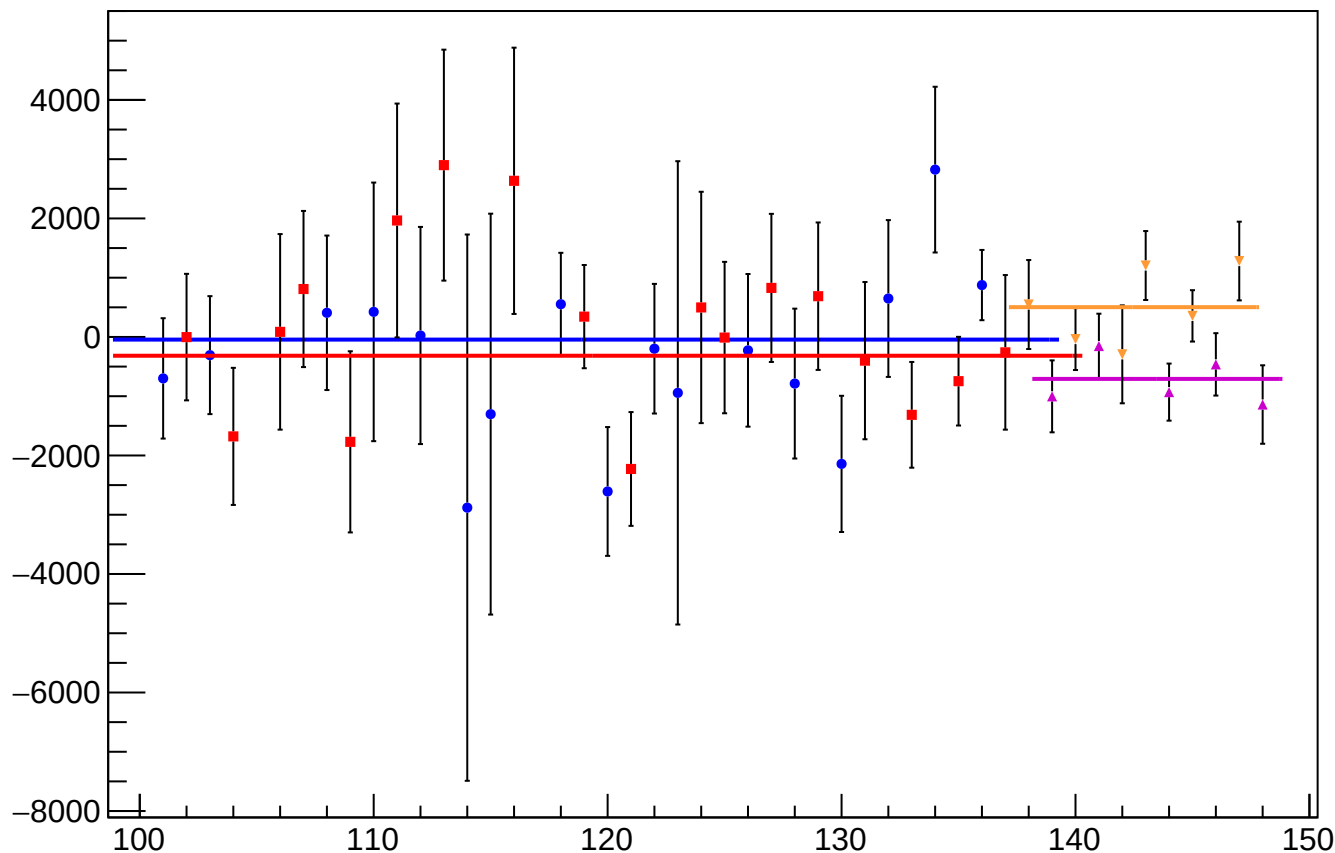
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 108.911 $\pm$ 0.024 χ^2 /NDF:589157.7/21

Out: 106.045 $\pm$ 0.023 χ^2 /NDF:1071026.8/23

All: 107.420 $\pm$ 0.017 χ^2 /NDF: 1667710.1/45

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2/NDF : 17.9/16

Left Out: 502.776 $\pm$ 239.380 χ^2/NDF : 4.9/5

Right Out: -316.976 $\pm$ 283.113 χ^2/NDF : 16.8/17

Left In: -707.857 $\pm$ 247.891 χ^2/NDF : 2.1/4

Left: -81.402 $\pm$ 172.198 χ^2/NDF : 19.4/10

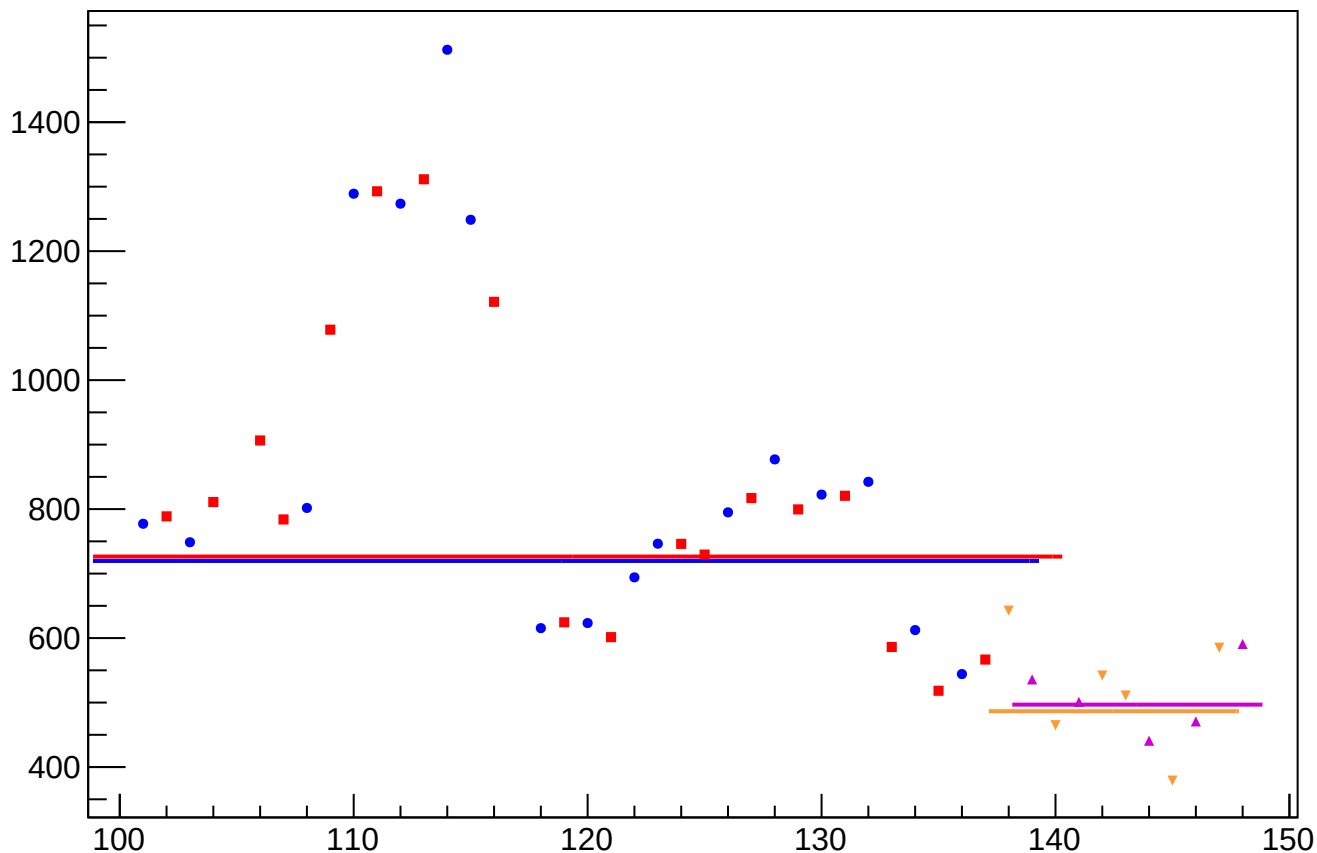
Right: -182.282 $\pm$ 201.303 χ^2/NDF : 35.1/34

In: -423.634 $\pm$ 187.400 χ^2/NDF : 23.1/21

Out: 161.036 $\pm$ 182.796 χ^2/NDF : 26.6/23

All: -124.028 $\pm$ 130.854 χ^2/NDF : 54.7/45

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 486.601 $\pm$ 0.169 χ^2 /NDF: 269389.9/5

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 496.801 $\pm$ 0.175 χ^2 /NDF: 80758.7/4

Left: 491.523 $\pm$ 0.122 χ^2 /NDF: 351900.8/10

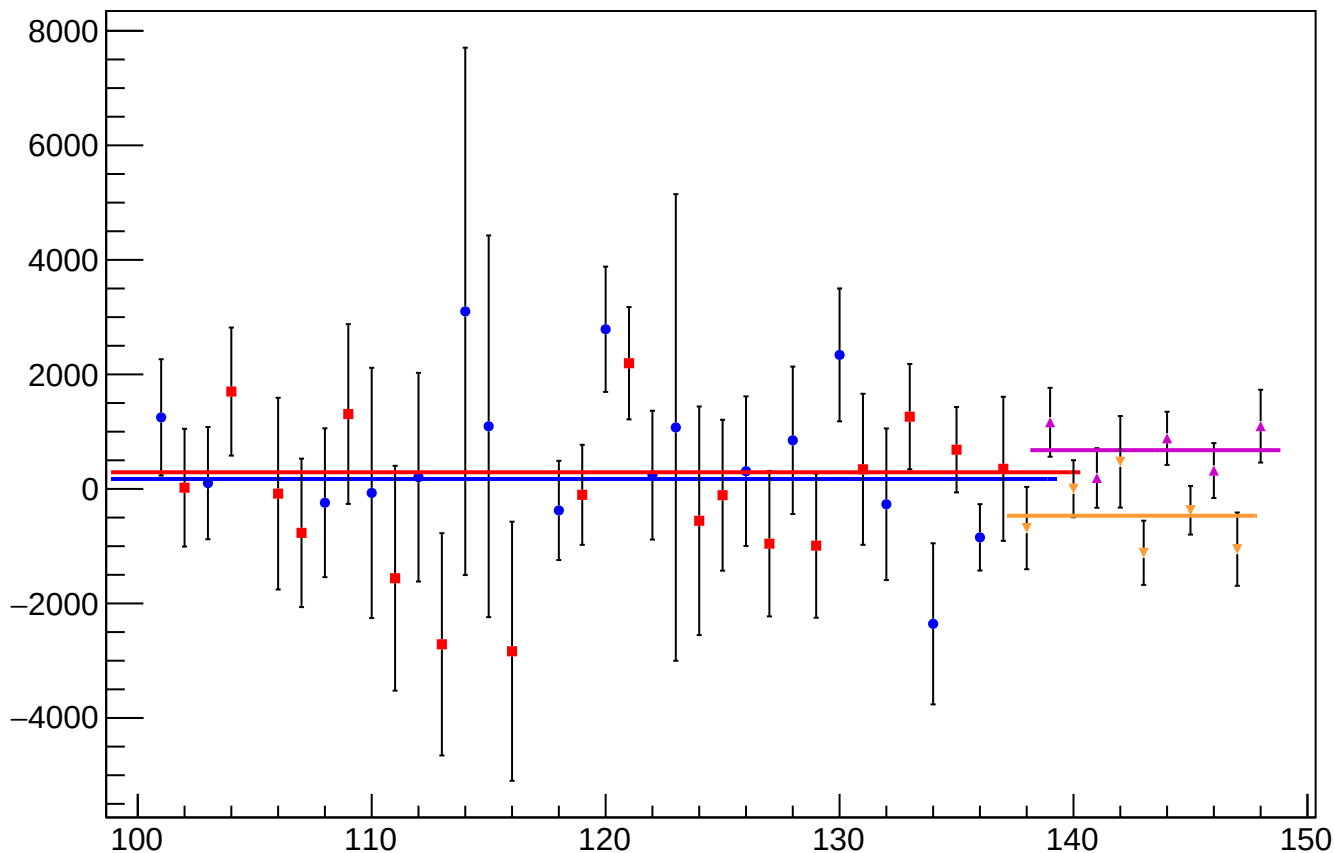
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 592.272 $\pm$ 0.133 χ^2 /NDF: 1520023.0/21

Out: 586.568 $\pm$ 0.129 χ^2 /NDF: 1987043.2/23

All: 589.349 $\pm$ 0.093 χ^2 /NDF: 3508015.7/45

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2/NDF : 18.1/16

Left Out: -467.960 $\pm$ 231.269 χ^2/NDF : 4.6/5

Right Out: 290.799 $\pm$ 283.545 χ^2/NDF : 15.6/17

Left In: 676.790 $\pm$ 236.152 χ^2/NDF : 2.7/4

Left: 92.458 $\pm$ 165.231 χ^2/NDF : 19.3/10

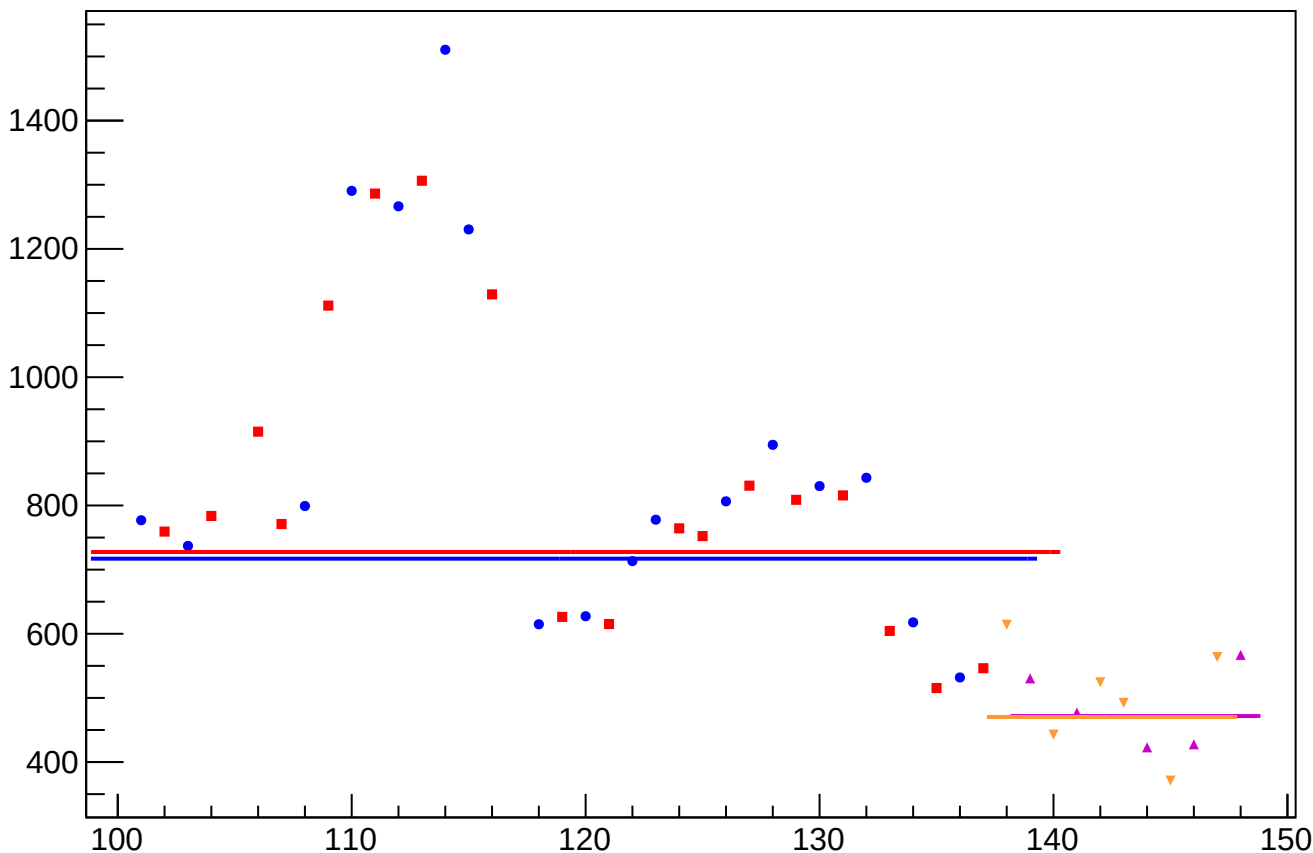
Right: 232.430 $\pm$ 201.245 χ^2/NDF : 33.8/34

In: 472.351 $\pm$ 182.013 χ^2/NDF : 22.7/21

Out: -164.842 $\pm$ 179.216 χ^2/NDF : 24.5/23

All: 148.820 $\pm$ 127.702 χ^2/NDF : 53.4/45

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 470.268 $\pm$ 0.164 χ^2 /NDF: 249830.7/5

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 471.751 $\pm$ 0.167 χ^2 /NDF: 103271.3/4

Left: 470.994 $\pm$ 0.117 χ^2 /NDF: 353142.3/10

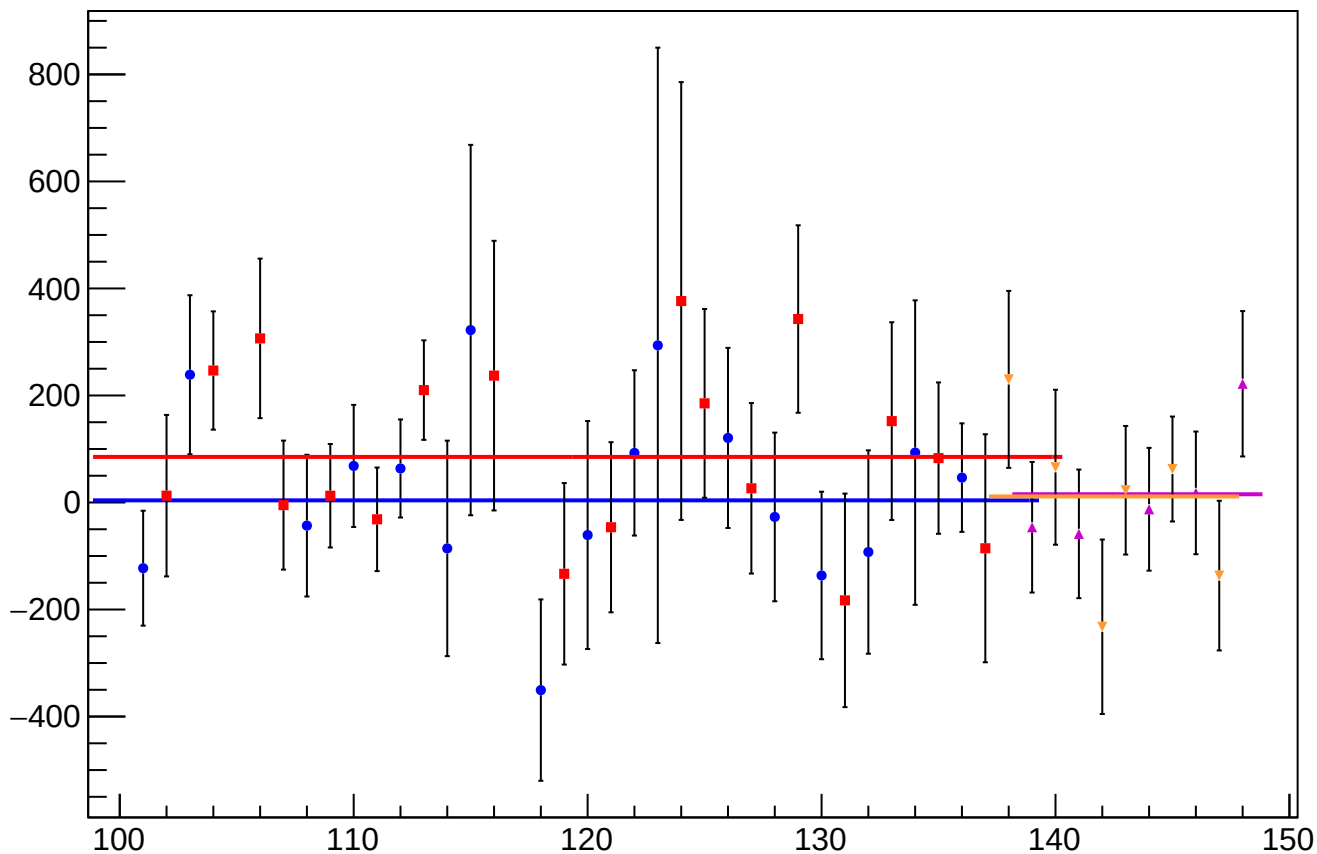
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 571.343 $\pm$ 0.129 χ^2 /NDF: 1761968.2/21

Out: 573.026 $\pm$ 0.127 χ^2 /NDF: 2119234.3/23

All: 572.197 $\pm$ 0.090 χ^2 /NDF: 3881289.3/45

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 11.341 ± 53.734 $\chi^2/\text{NDF}: 5.5/5$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 15.380 ± 54.018 $\chi^2/\text{NDF}: 3.0/4$

Left: 13.349 ± 38.096 $\chi^2/\text{NDF}: 8.5/10$

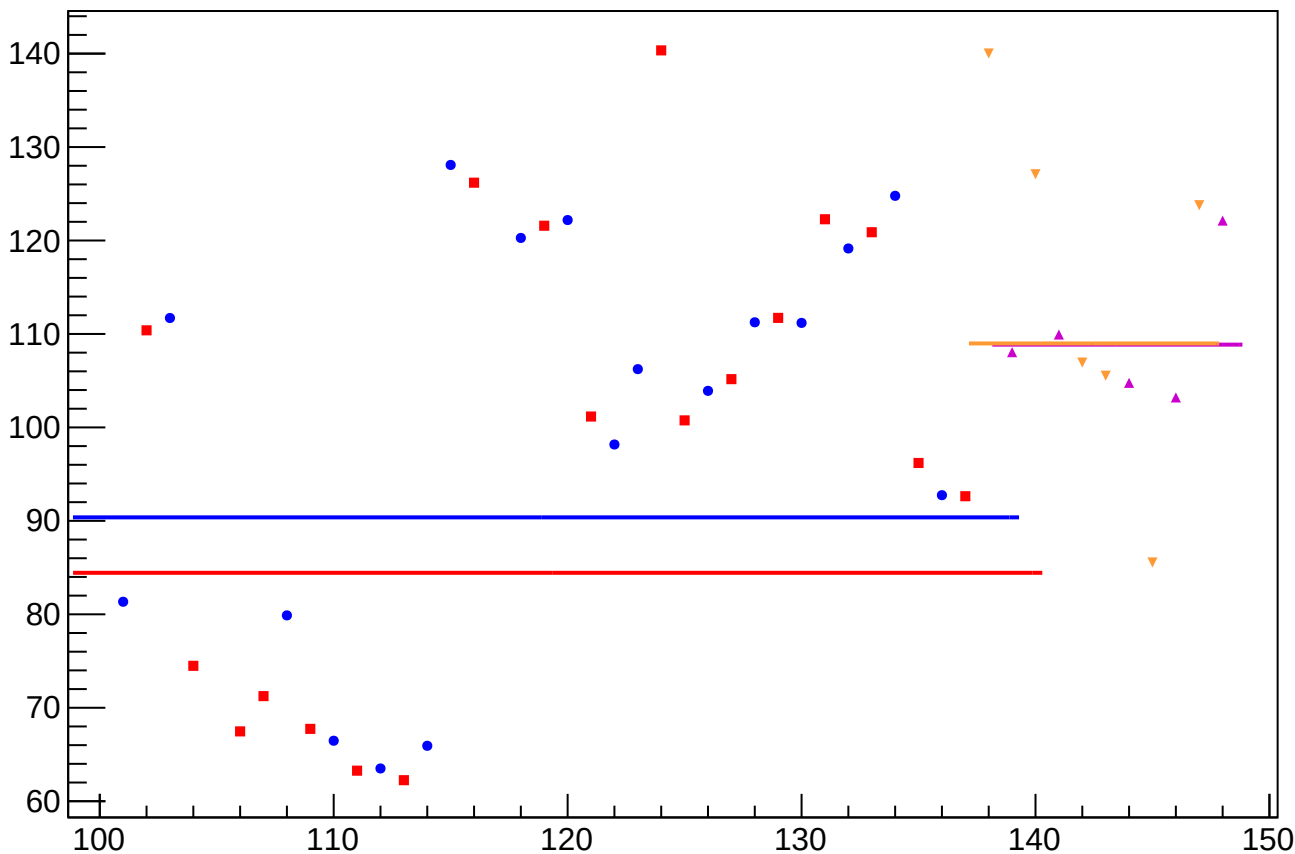
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 7.501 ± 29.928 $\chi^2/\text{NDF}: 15.8/21$

Out: 64.609 ± 28.375 $\chi^2/\text{NDF}: 24.3/23$

All: 37.576 ± 20.591 $\chi^2/\text{NDF}: 41.9/45$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 108.985 $\pm$ 0.038 χ^2/NDF : 240309.8/5

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 108.858 $\pm$ 0.038 χ^2/NDF : 26752.0/4

Left: 108.922 $\pm$ 0.027 χ^2/NDF : 267067.4/10

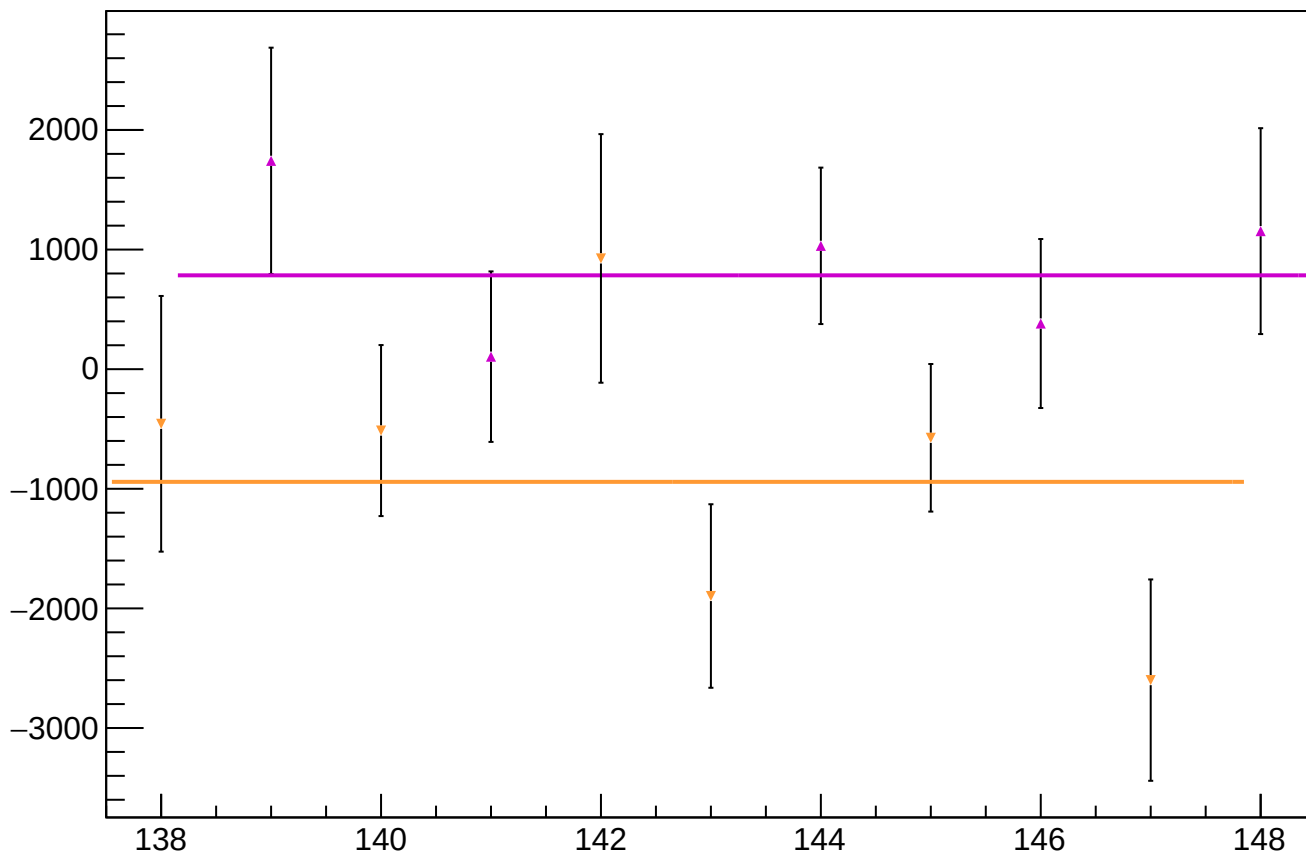
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 96.049 $\pm$ 0.021 χ^2/NDF : 843161.0/21

Out: 91.286 $\pm$ 0.020 χ^2/NDF : 1412050.9/23

All: 93.540 $\pm$ 0.015 χ^2/NDF : 2281887.3/45

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

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

Left In: 784.570+/-337.521 χ^2/NDF : 2.6/4

Left: -112.623+/-233.932 χ^2/NDF : 25.8/10

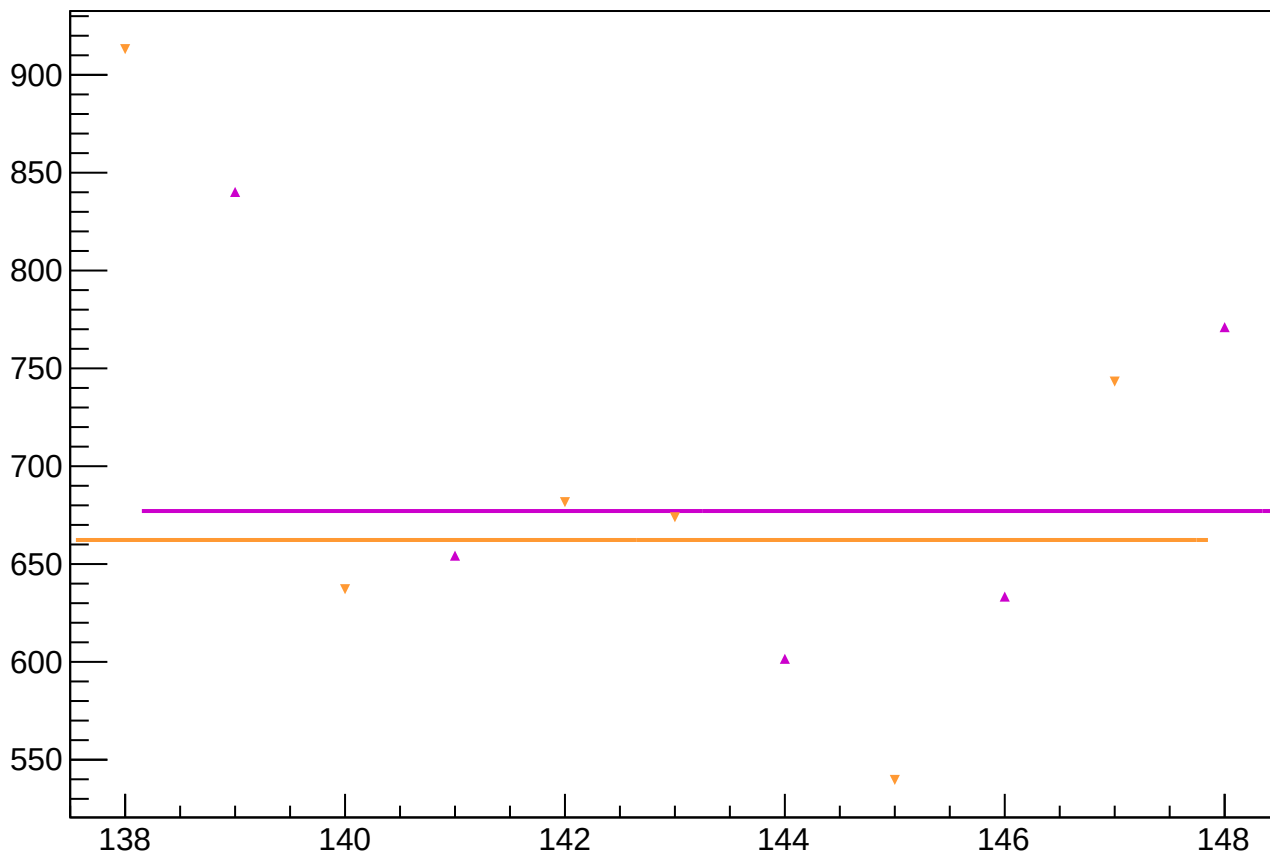
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.570+/-337.521 χ^2/NDF : 2.6/4

Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

All: -112.623+/-233.932 χ^2/NDF : 25.8/10

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 662.299+/-0.229 χ^2/NDF : 211299.4/5

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

Left In: 677.098+/-0.239 χ^2/NDF : 119647.3/4

Left: 669.408+/-0.165 χ^2/NDF : 332944.8/10

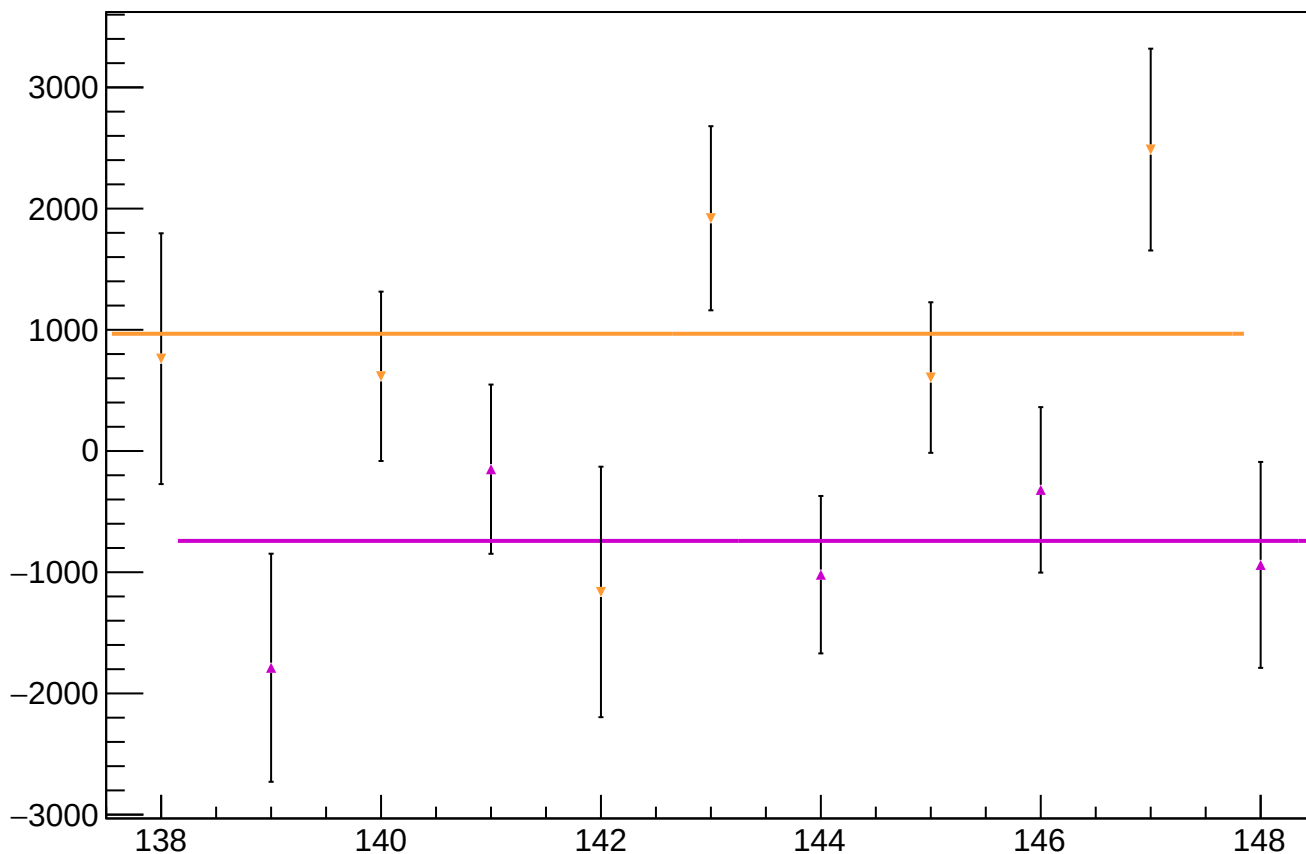
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 677.098+/-0.239 χ^2/NDF : 119647.3/4

Out: 662.299+/-0.229 χ^2/NDF : 211299.4/5

All: 669.408+/-0.165 χ^2/NDF : 332944.8/10

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 967.562+/-321.281 χ^2/NDF : 9.8/5

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: 140.476+/-230.801 χ^2/NDF : 26.1/10

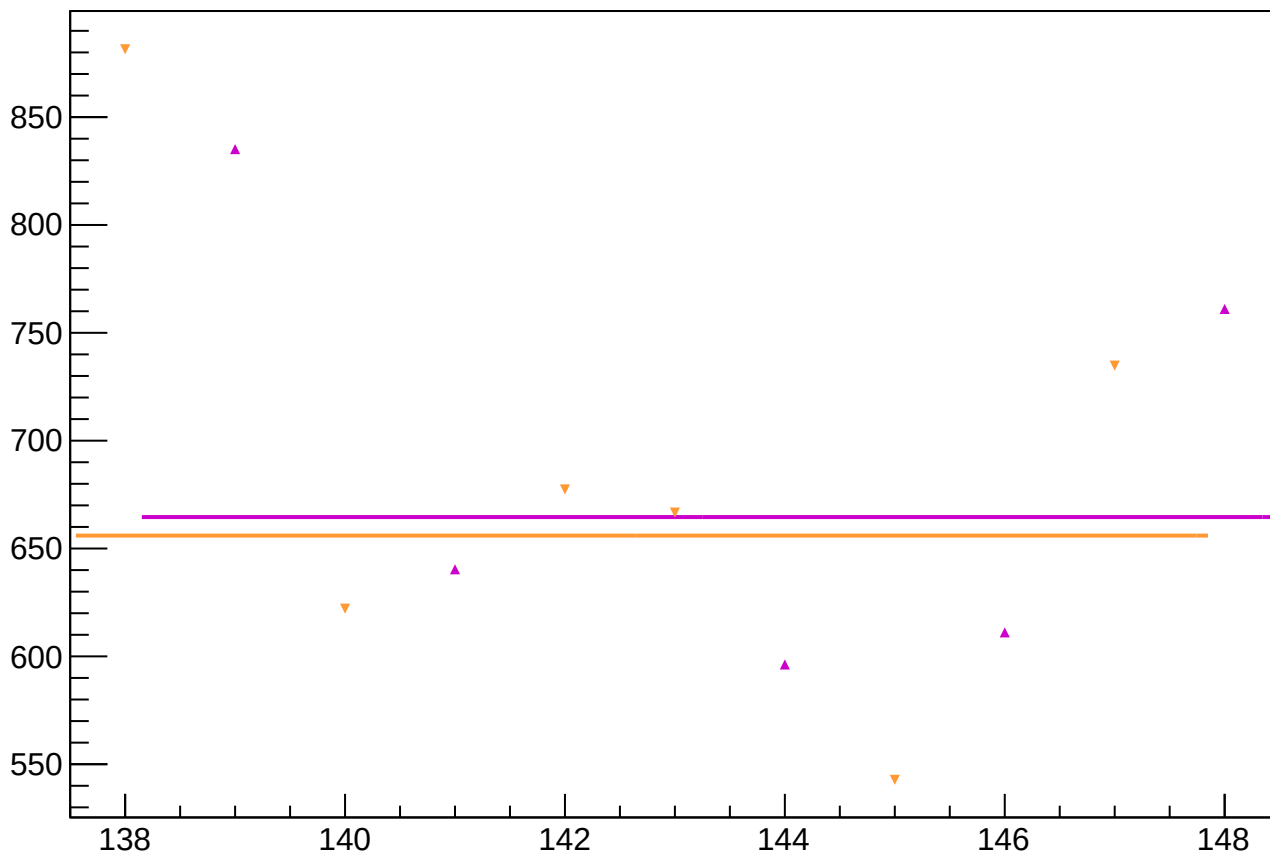
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -741.526+/-331.775 χ^2/NDF : 2.6/4

Out: 967.562+/-321.281 χ^2/NDF : 9.8/5

All: 140.476+/-230.801 χ^2/NDF : 26.1/10

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

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: 660.146+/-0.163 χ^2/NDF : 314407.1/10

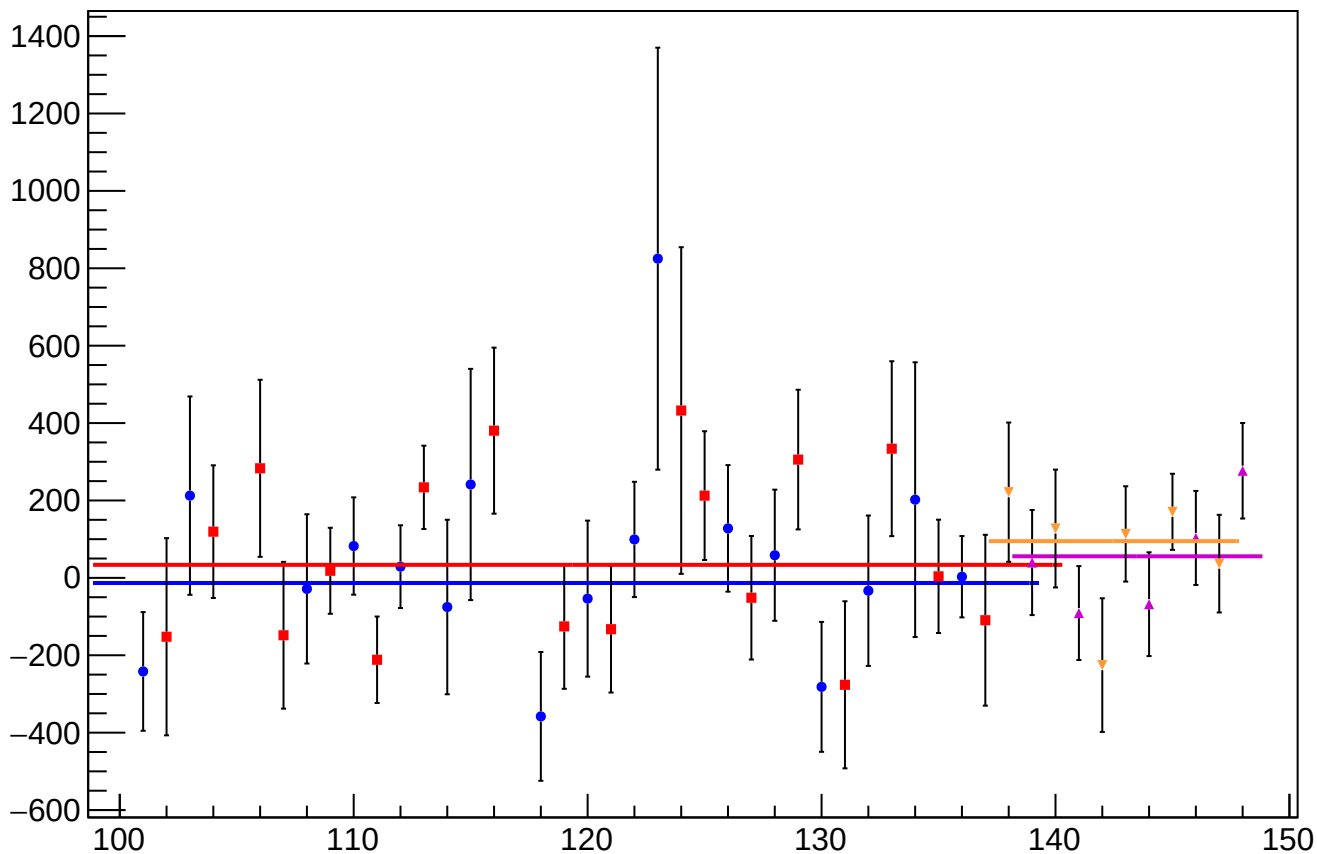
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

All: 660.146+/-0.163 χ^2/NDF : 314407.1/10

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 94.896 ± 54.241 $\chi^2/\text{NDF}: 4.8/5$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 55.744 ± 56.691 $\chi^2/\text{NDF}: 5.7/4$

Left: 76.184 ± 39.192 $\chi^2/\text{NDF}: 10.7/10$

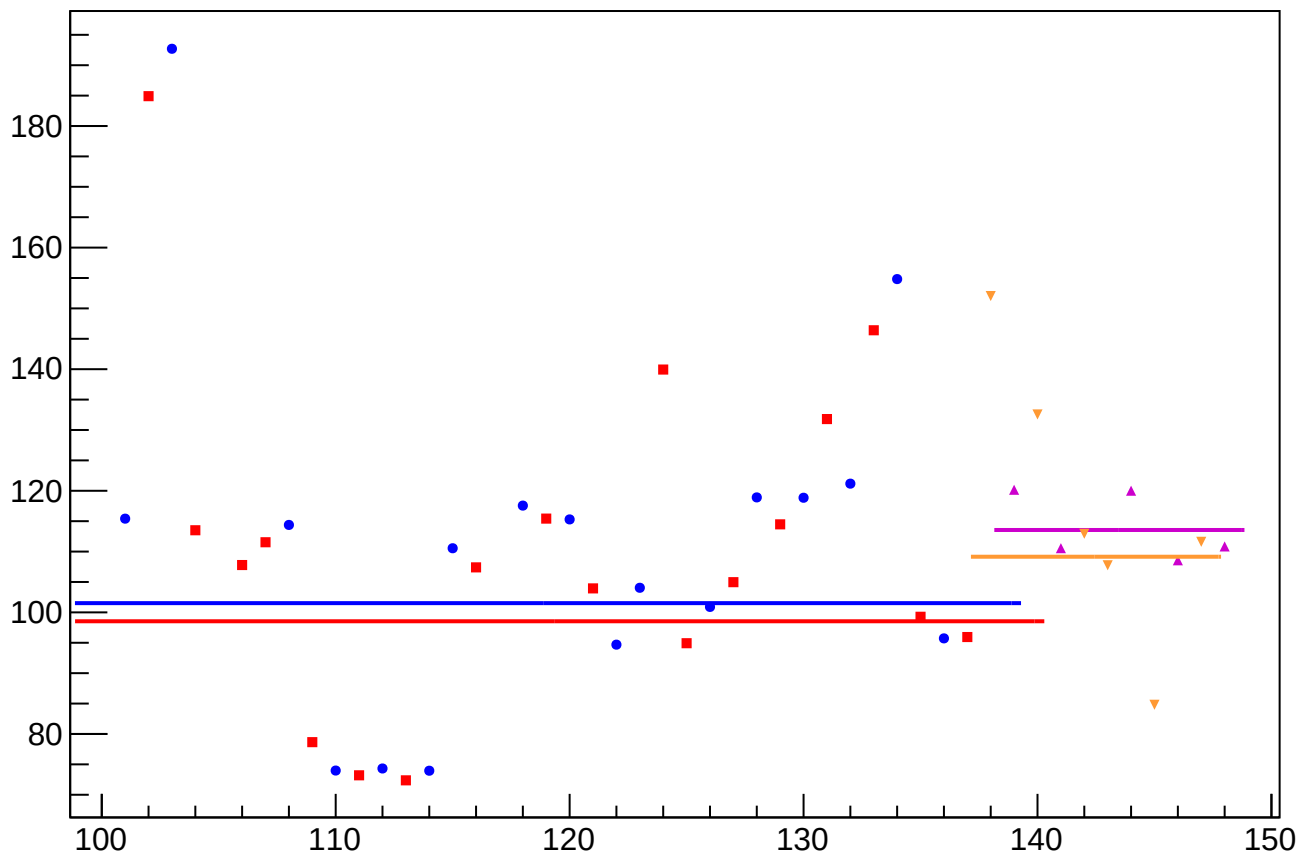
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 10.128 ± 32.983 $\chi^2/\text{NDF}: 22.4/21$

Out: 54.436 ± 31.606 $\chi^2/\text{NDF}: 30.4/23$

All: 33.226 ± 22.820 $\chi^2/\text{NDF}: 53.7/45$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 χ^2/NDF : 681713.7/16

Left Out: 109.154 ± 0.038 χ^2/NDF : 285576.2/5

Right Out: 98.537 ± 0.028 χ^2/NDF : 746979.4/17

Left In: 113.552 ± 0.040 χ^2/NDF : 14936.7/4

Left: 111.256 ± 0.028 χ^2/NDF : 306797.2/10

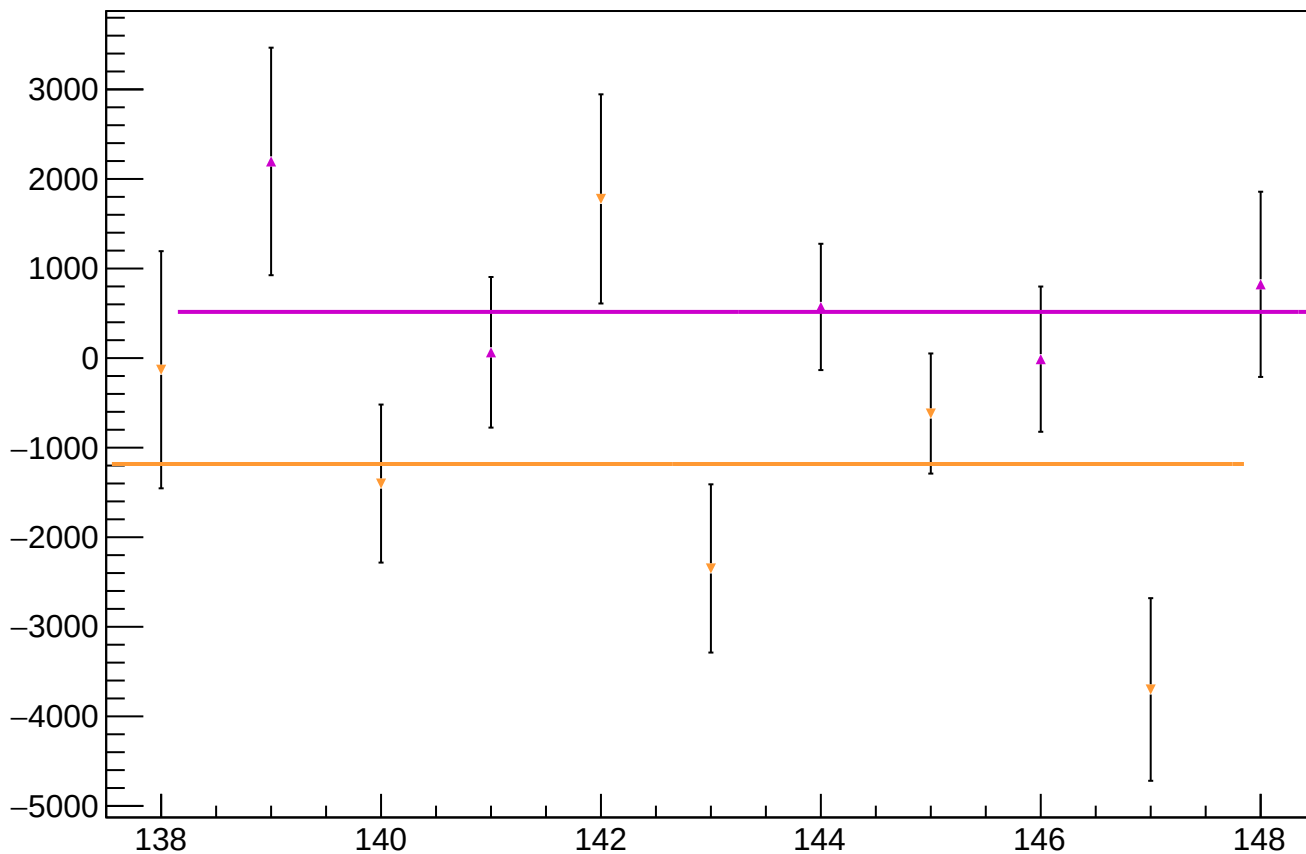
Right: 99.965 ± 0.020 χ^2/NDF : 1434328.3/34

In: 105.592 ± 0.023 χ^2/NDF : 756251.7/21

Out: 102.141 ± 0.022 χ^2/NDF : 1083164.7/23

All: 103.793 ± 0.016 χ^2/NDF : 1850828.4/45

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

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

Left In: 515.753+/-392.138 χ^2/NDF :2.6/4

Left: -358.966+/-273.062 χ^2/NDF : 27.7/10

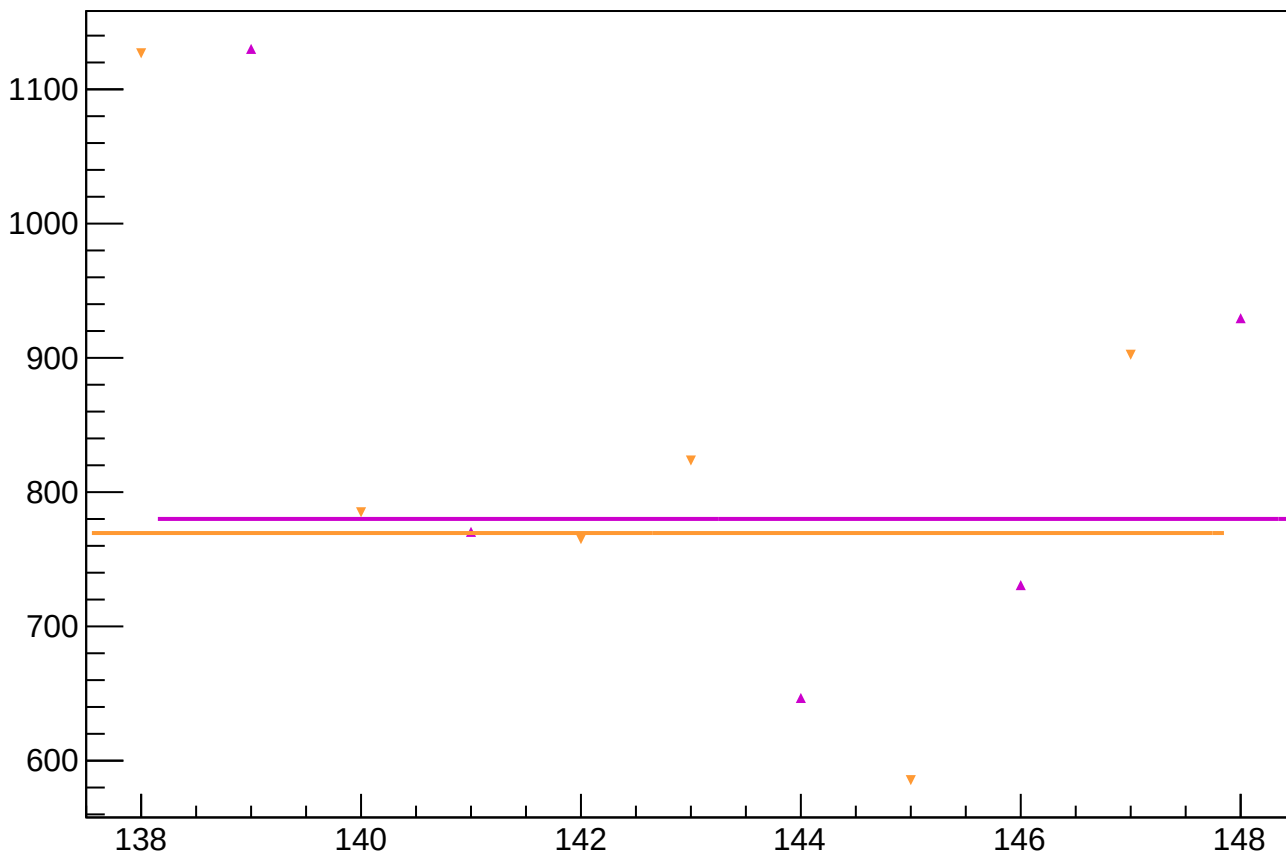
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 515.753+/-392.138 χ^2/NDF :2.6/4

Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

All: -358.966+/-273.062 χ^2/NDF : 27.7/10

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

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

Left In: 780.051+/-0.277 χ^2/NDF :272934.2/4

Left: 774.637+/-0.193 χ^2/NDF : 611191.6/10

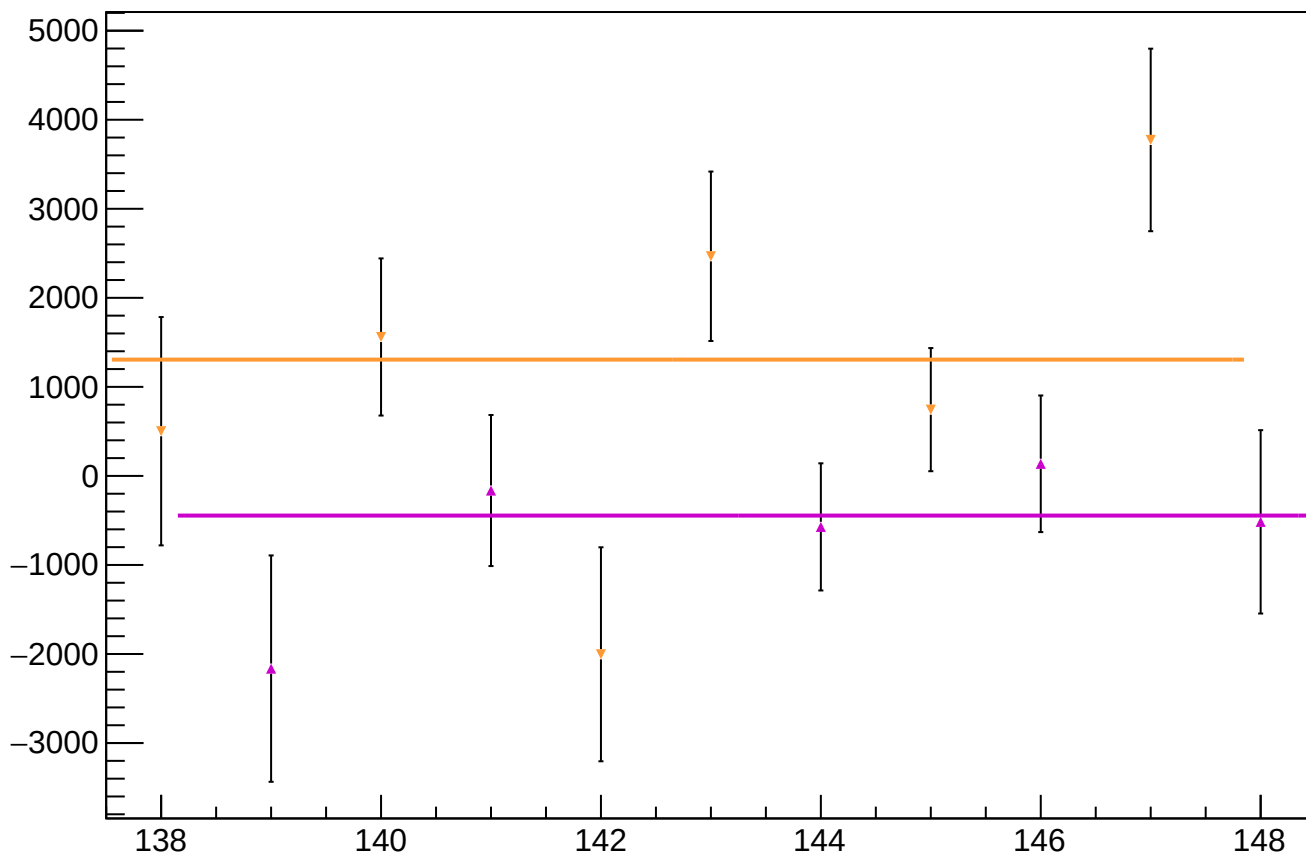
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 780.051+/-0.277 χ^2/NDF :272934.2/4

Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

All: 774.637+/-0.193 χ^2/NDF : 611191.6/10

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

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: 438.246+/-273.728 χ^2/NDF : 28.8/10

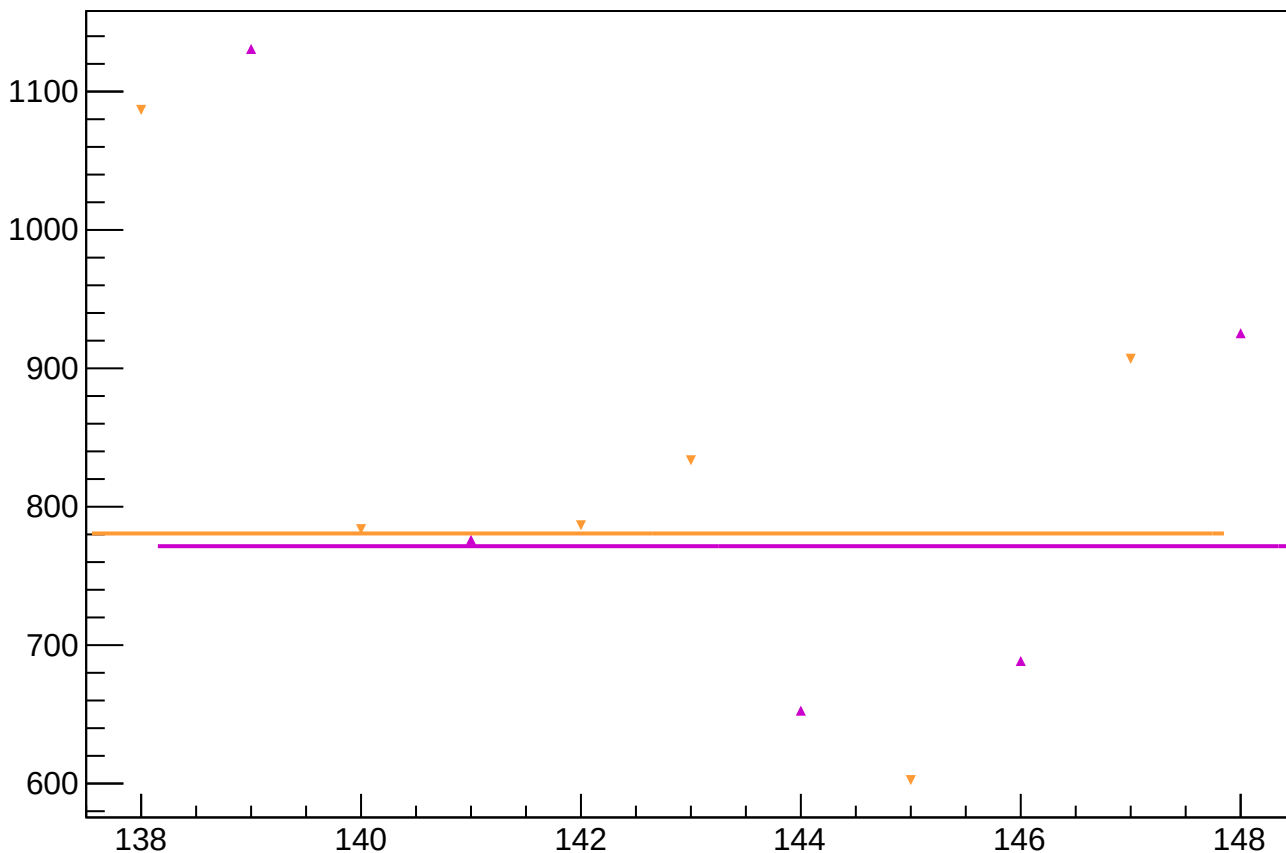
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.333+/-388.846 χ^2/NDF :2.5/4

Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

All: 438.246+/-273.728 χ^2/NDF : 28.8/10

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

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: 776.131+/-0.194 χ^2/NDF : 567294.6/10

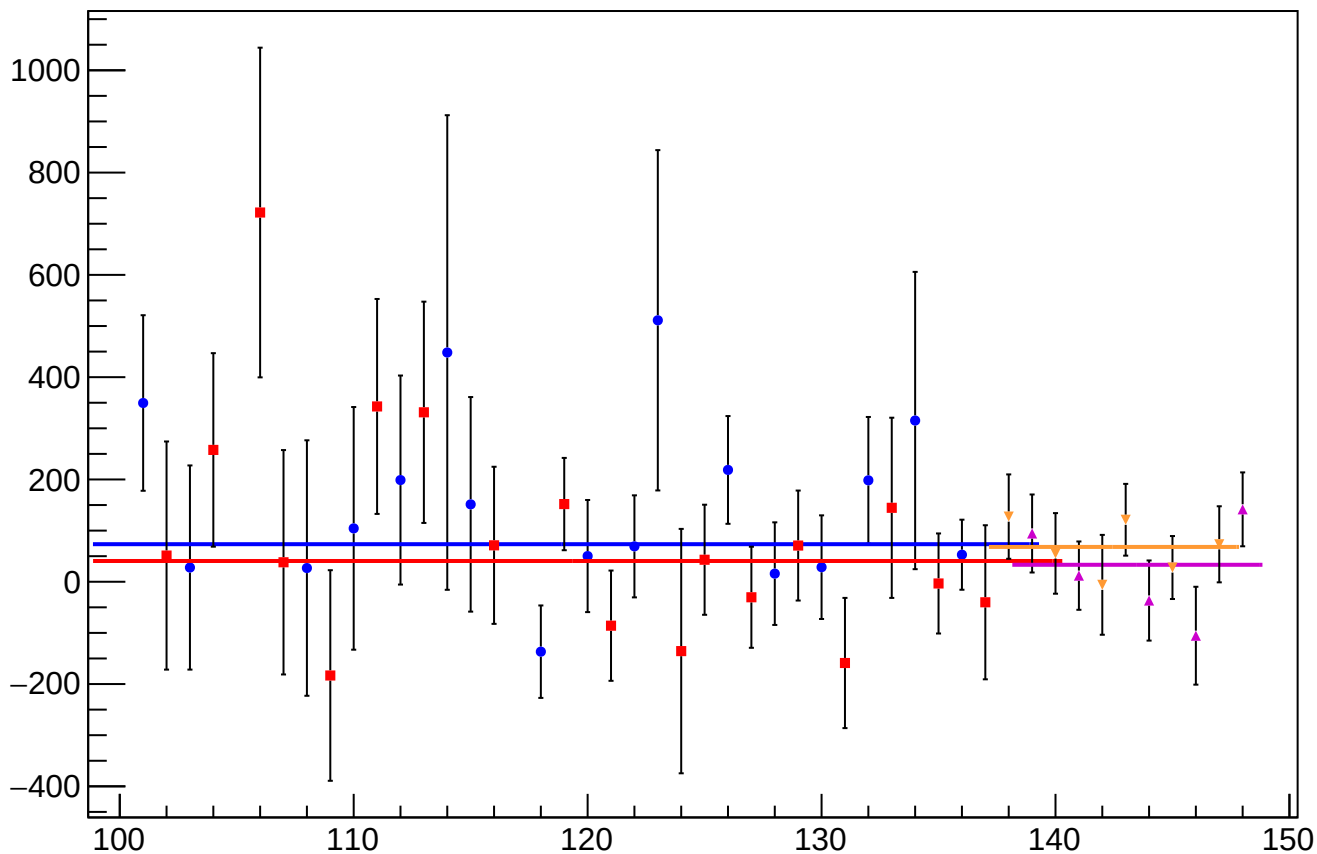
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 771.493+/-0.275 χ^2/NDF :283334.2/4

Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

All: 776.131+/-0.194 χ^2/NDF : 567294.6/10

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 68.086 $\pm$ 30.700 χ^2 /NDF: 2.1/5

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 33.174 $\pm$ 34.104 χ^2 /NDF: 5.9/4

Left: 52.458 $\pm$ 22.817 χ^2 /NDF: 8.6/10

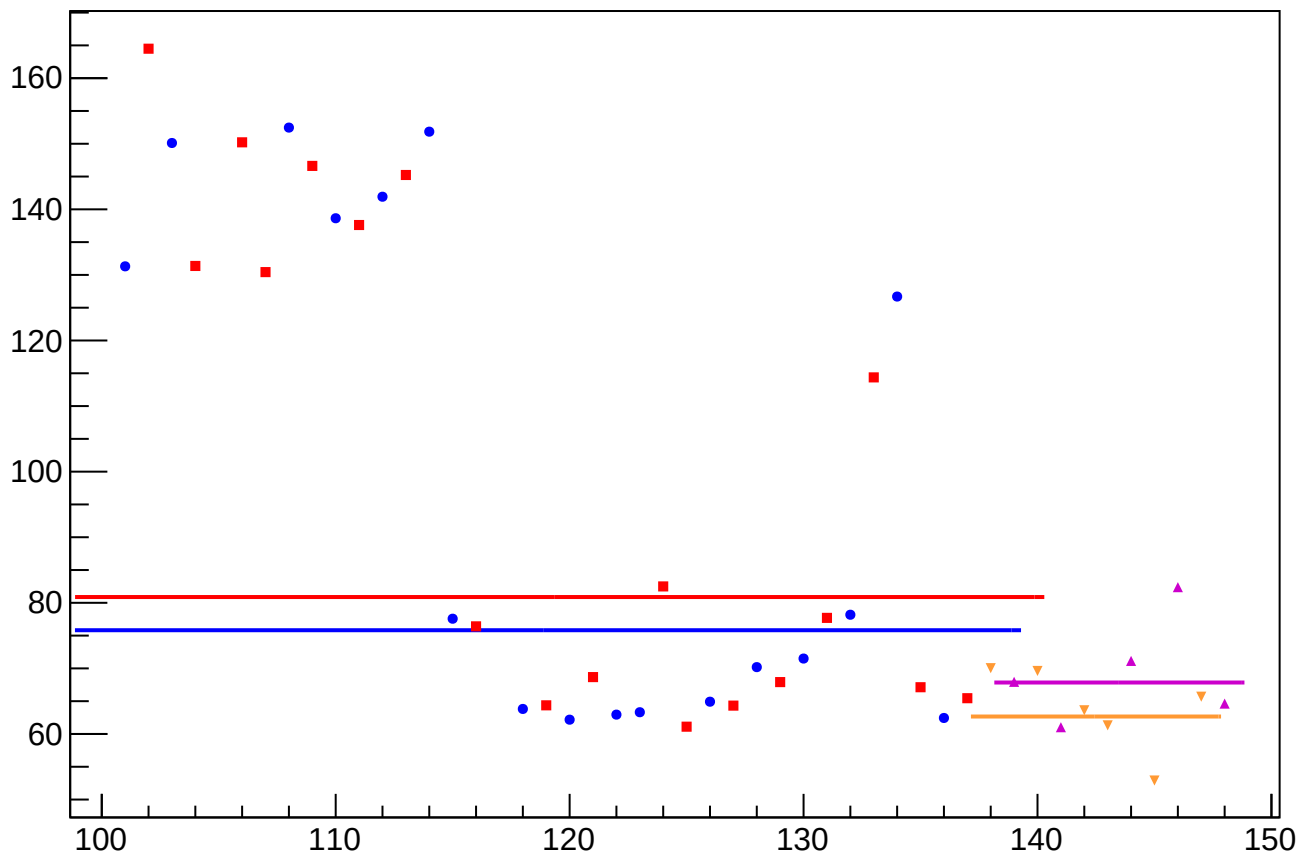
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 55.188 $\pm$ 22.964 χ^2 /NDF: 21.9/21

Out: 55.225 $\pm$ 22.396 χ^2 /NDF: 20.7/23

All: 55.207 $\pm$ 16.034 χ^2 /NDF: 42.6/45

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 62.661 $\pm$ 0.022 χ^2 /NDF: 86038.5/5

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 67.846 $\pm$ 0.024 χ^2 /NDF: 74502.4/4

Left: 64.982 $\pm$ 0.016 χ^2 /NDF: 186076.4/10

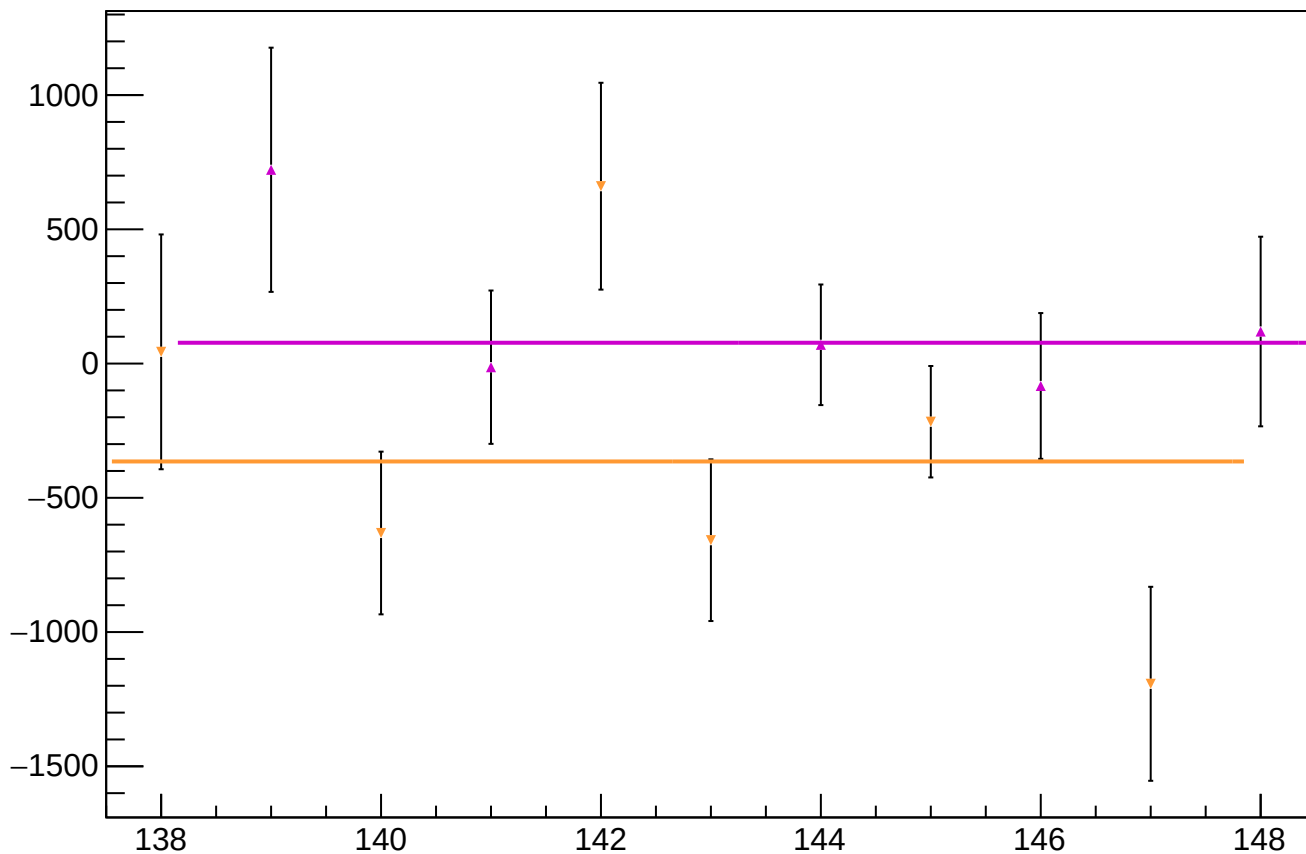
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 72.205 $\pm$ 0.016 χ^2 /NDF: 1484222.7/21

Out: 71.185 $\pm$ 0.016 χ^2 /NDF: 1941628.4/23

All: 71.682 $\pm$ 0.011 χ^2 /NDF: 3427872.7/45

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -364.604+/-124.254 χ^2/NDF :15.4/5

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

Left In: 77.525+/-130.725 χ^2/NDF :2.5/4

Left: -154.753+/-90.062 χ^2/NDF : 23.9/10

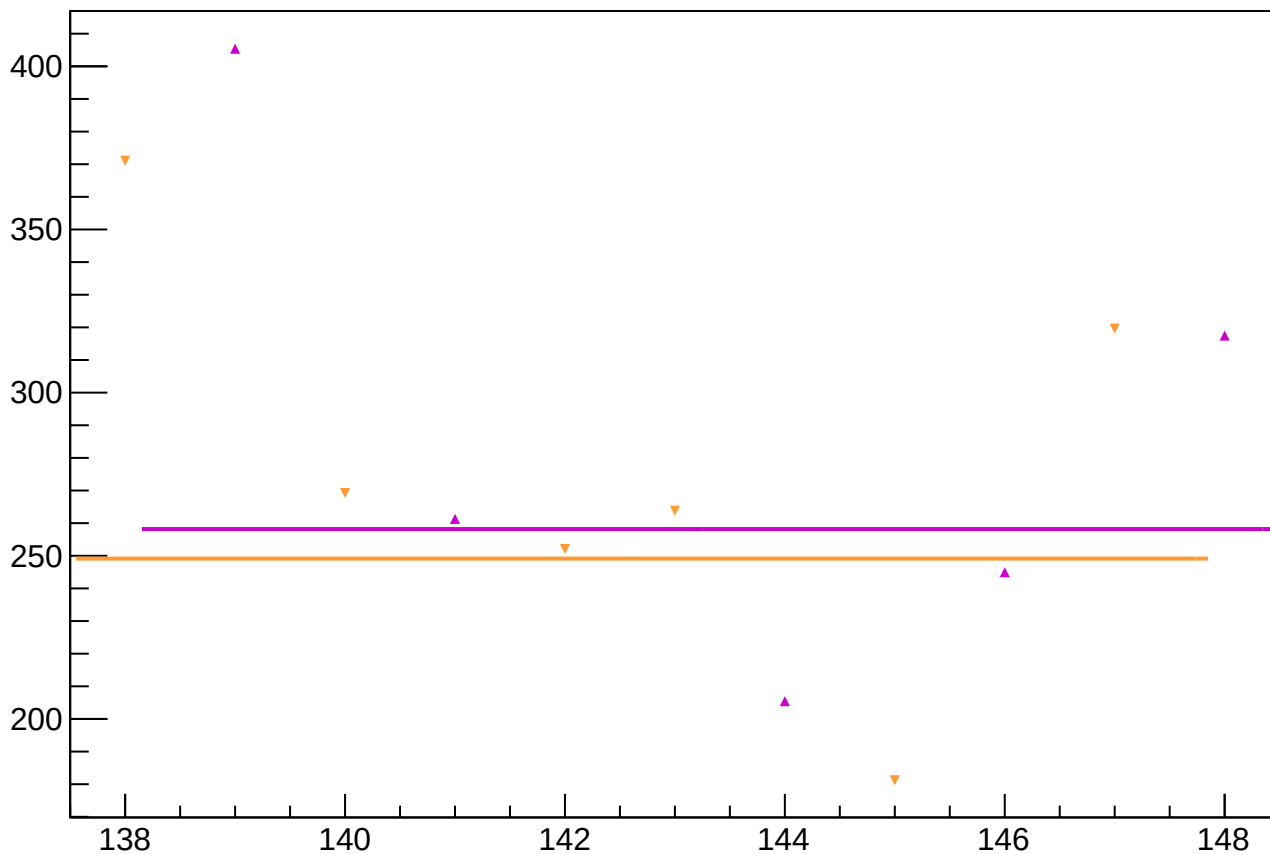
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 77.525+/-130.725 χ^2/NDF :2.5/4

Out: -364.604+/-124.254 χ^2/NDF :15.4/5

All: -154.753+/-90.062 χ^2/NDF : 23.9/10

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 249.143+/-0.088 χ^2/NDF : 459631.5/5

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

Left In: 258.197+/-0.092 χ^2/NDF : 381231.9/4

Left: 253.441+/-0.064 χ^2/NDF : 845903.5/10

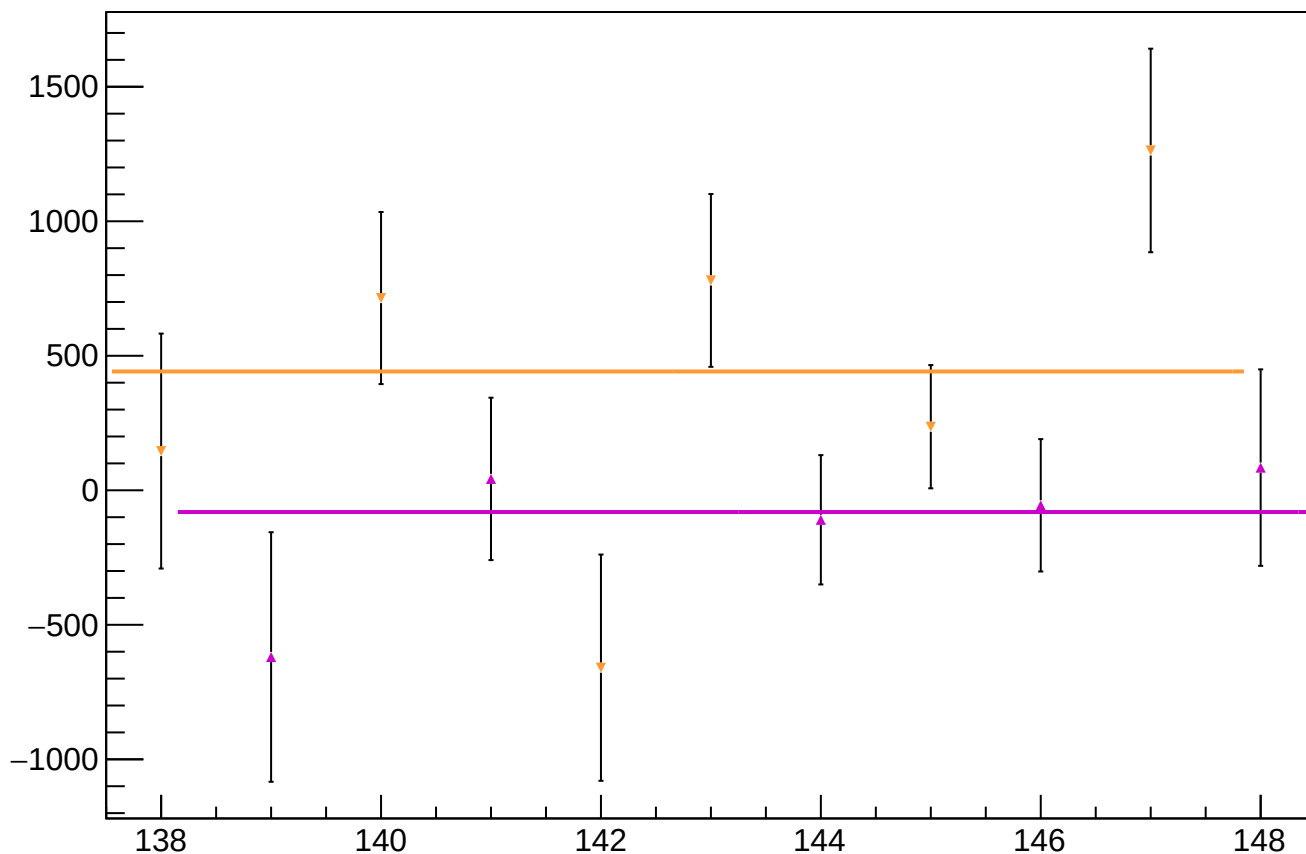
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.197+/-0.092 χ^2/NDF : 381231.9/4

Out: 249.143+/-0.088 χ^2/NDF : 459631.5/5

All: 253.441+/-0.064 χ^2/NDF : 845903.5/10

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 441.672+/-133.146 χ^2/NDF :14.7/5

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: 179.209+/-93.926 χ^2/NDF : 24.2/10

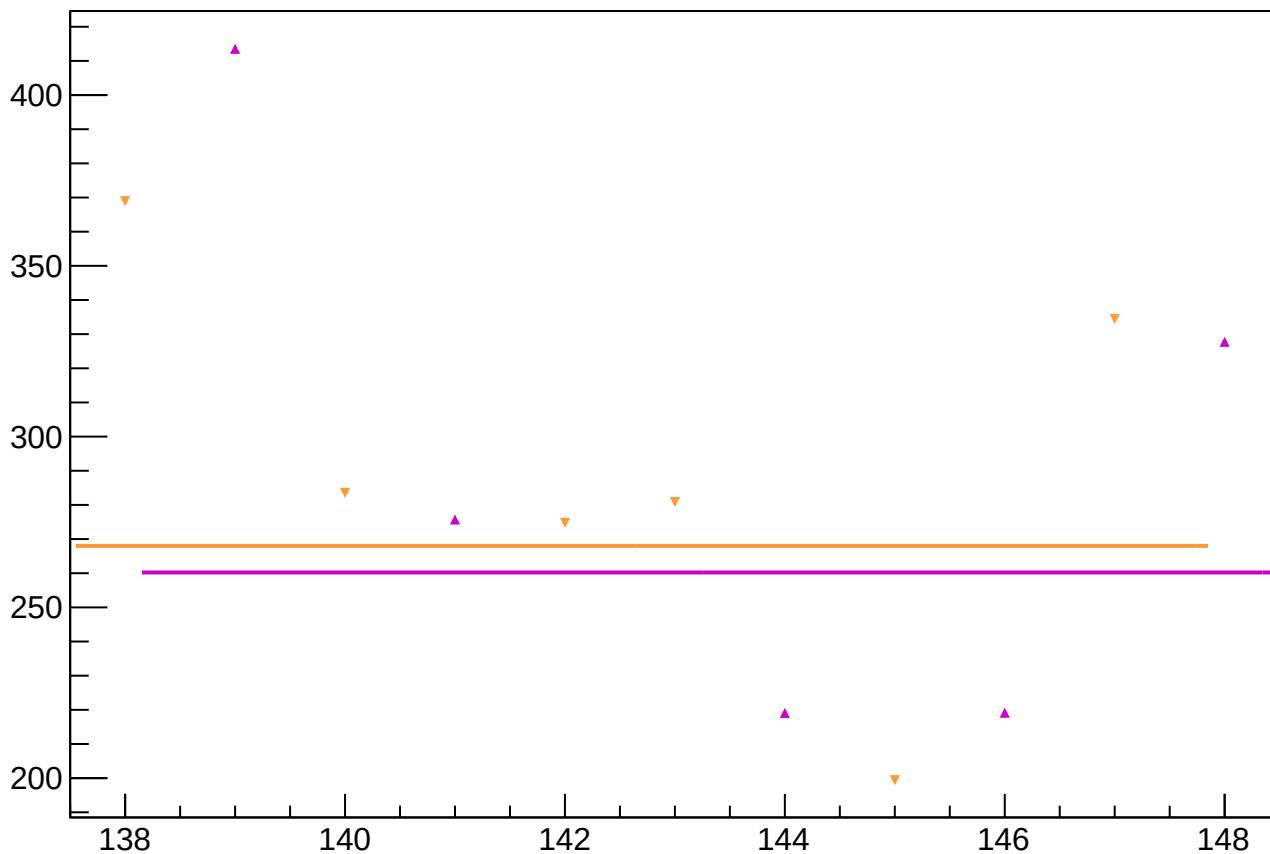
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.785+/-132.518 χ^2/NDF :1.7/4

Out: 441.672+/-133.146 χ^2/NDF :14.7/5

All: 179.209+/-93.926 χ^2/NDF : 24.2/10

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

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: 264.093+/-0.066 χ^2/NDF : 766160.9/10

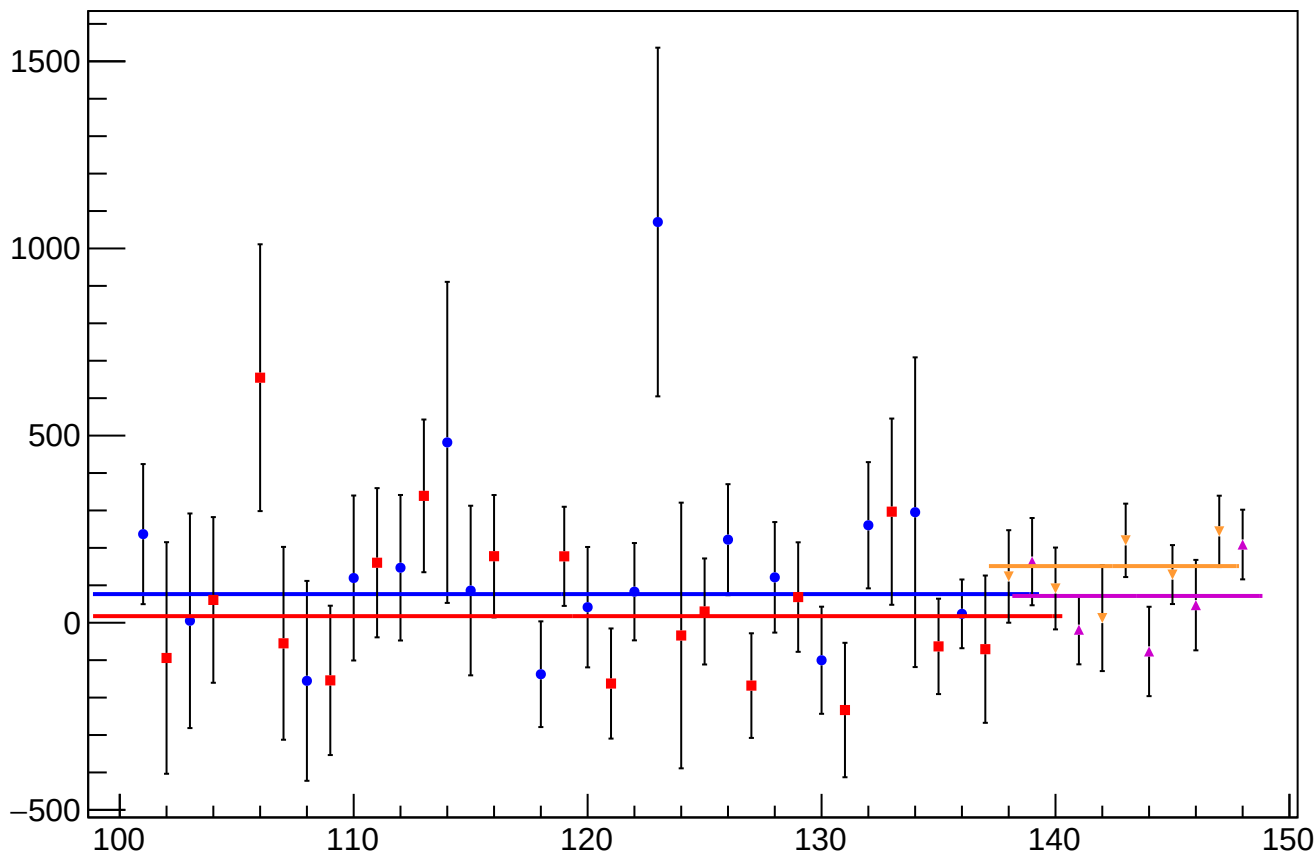
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.221+/-0.094 χ^2/NDF :406416.0/4

Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

All: 264.093+/-0.066 χ^2/NDF : 766160.9/10

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 151.327+/-41.734 χ^2/NDF : 2.8/5

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 71.576+/-47.437 χ^2/NDF : 5.3/4

Left: 116.531+/-31.334 χ^2/NDF : 9.8/10

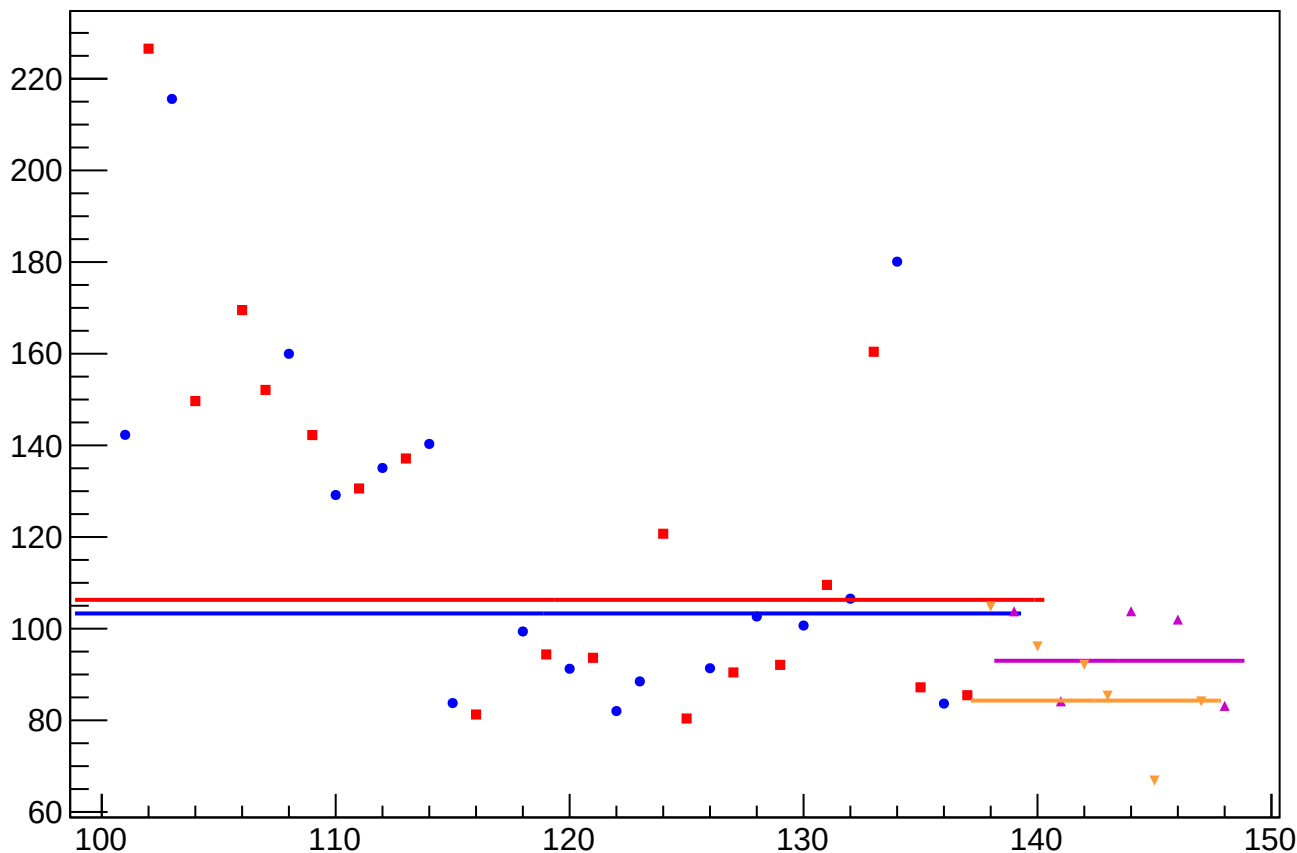
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 74.363+/-31.259 χ^2/NDF : 19.2/21

Out: 85.363+/-29.707 χ^2/NDF : 24.7/23

All: 80.143+/-21.534 χ^2/NDF : 44.0/45

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2/NDF : 837801.7/16

Left Out: 84.309 $\pm$ 0.030 χ^2/NDF : 182964.1/5

Right Out: 106.289 $\pm$ 0.030 χ^2/NDF : 1000708.3/17

Left In: 92.996 $\pm$ 0.034 χ^2/NDF : 85237.8/4

Left: 88.099 $\pm$ 0.022 χ^2/NDF : 306014.6/10

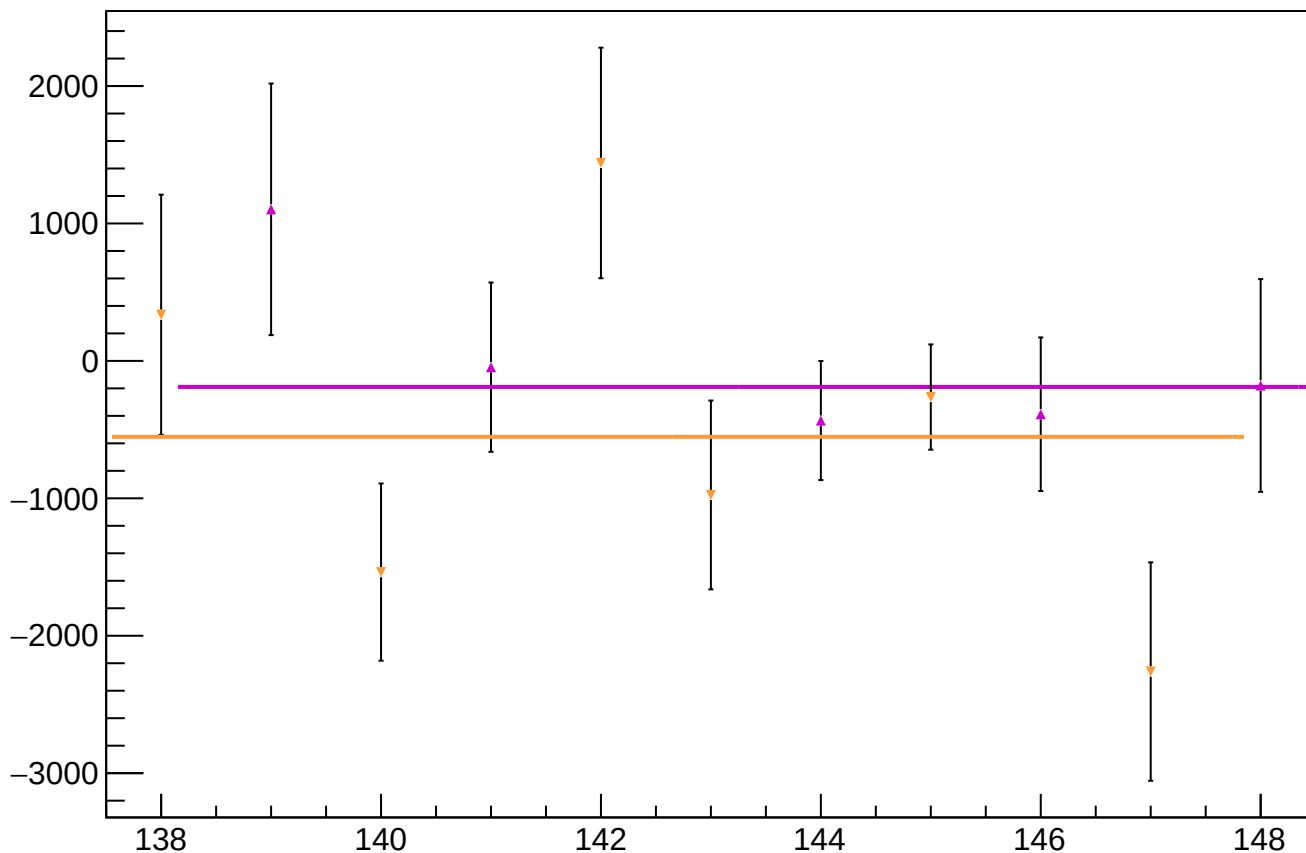
Right: 104.777 $\pm$ 0.021 χ^2/NDF : 1843531.0/34

In: 98.836 $\pm$ 0.022 χ^2/NDF : 976607.8/21

Out: 95.151 $\pm$ 0.021 χ^2/NDF : 1457333.8/23

All: 96.900 $\pm$ 0.015 χ^2/NDF : 2448542.4/45

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -552.571+/-252.777 χ^2/NDF :14.6/5

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

Left In: -189.515+/-266.994 χ^2/NDF :2.5/4

Left: -380.966+/-183.561 χ^2/NDF : 18.0/10

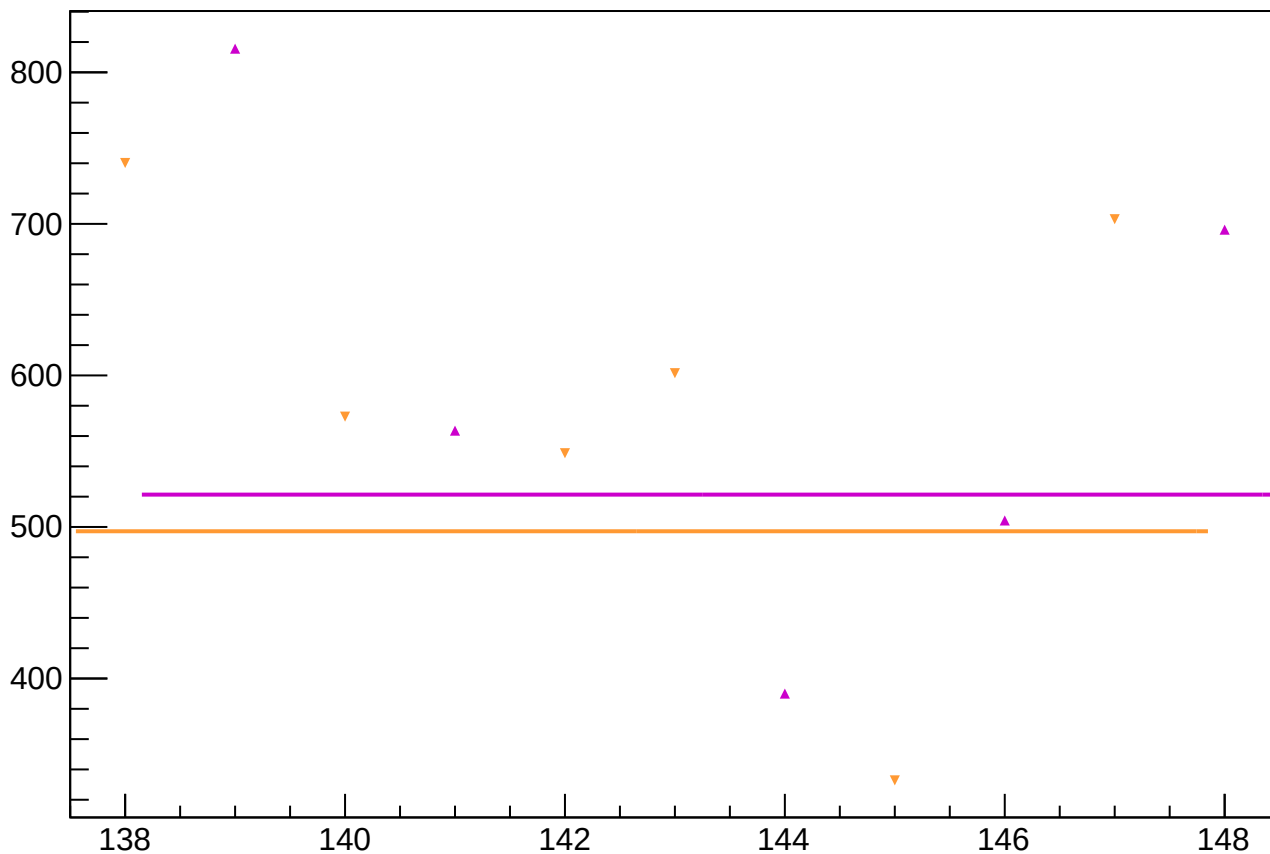
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -189.515+/-266.994 χ^2/NDF :2.5/4

Out: -552.571+/-252.777 χ^2/NDF :14.6/5

All: -380.966+/-183.561 χ^2/NDF : 18.0/10

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

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

Left In: 521.347+/-0.189 χ^2/NDF : 503768.1/4

Left: 508.597+/-0.130 χ^2/NDF : 1250722.0/10

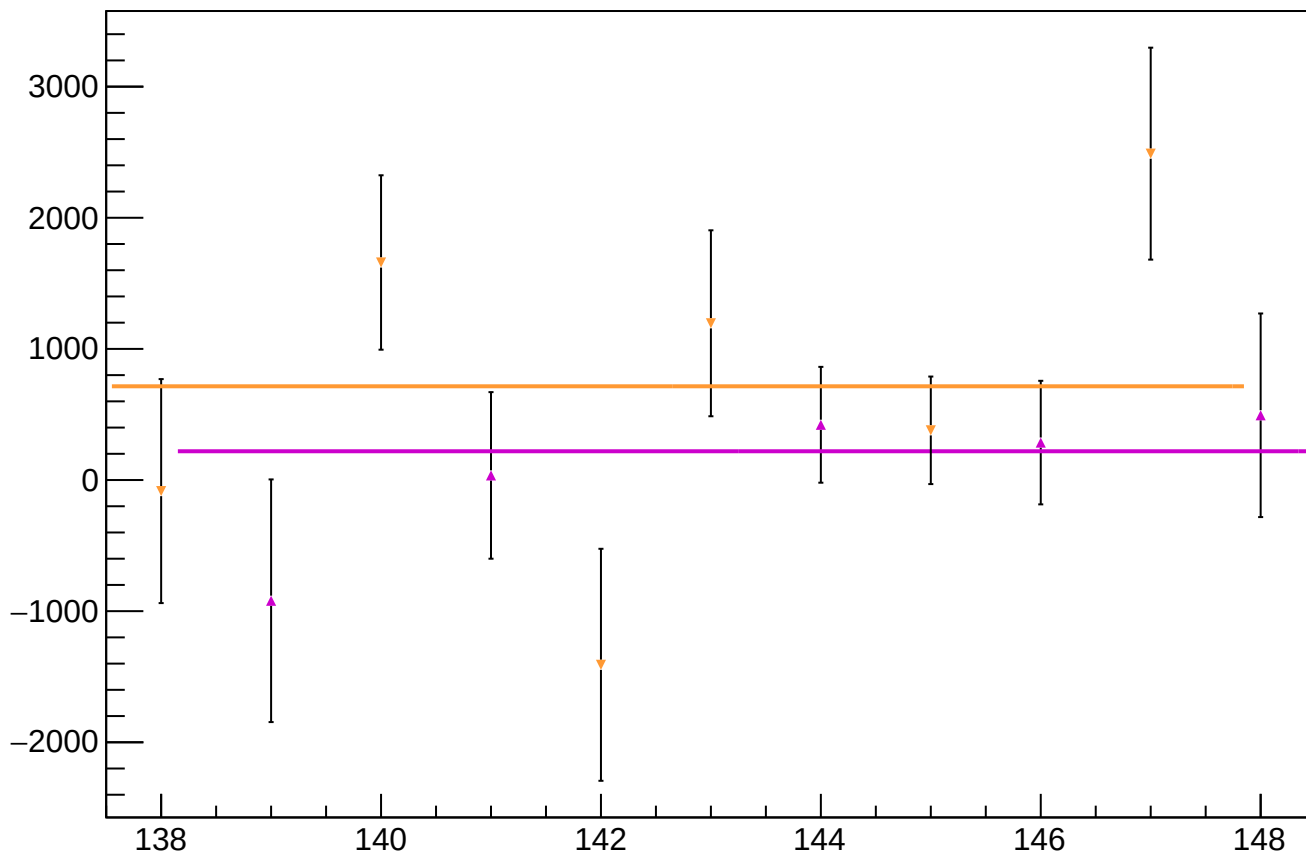
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.347+/-0.189 χ^2/NDF : 503768.1/4

Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

All: 508.597+/-0.130 χ^2/NDF : 1250722.0/10

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 714.835+/-263.727 χ^2/NDF :14.6/5

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: 462.386+/-184.696 χ^2/NDF : 18.4/10

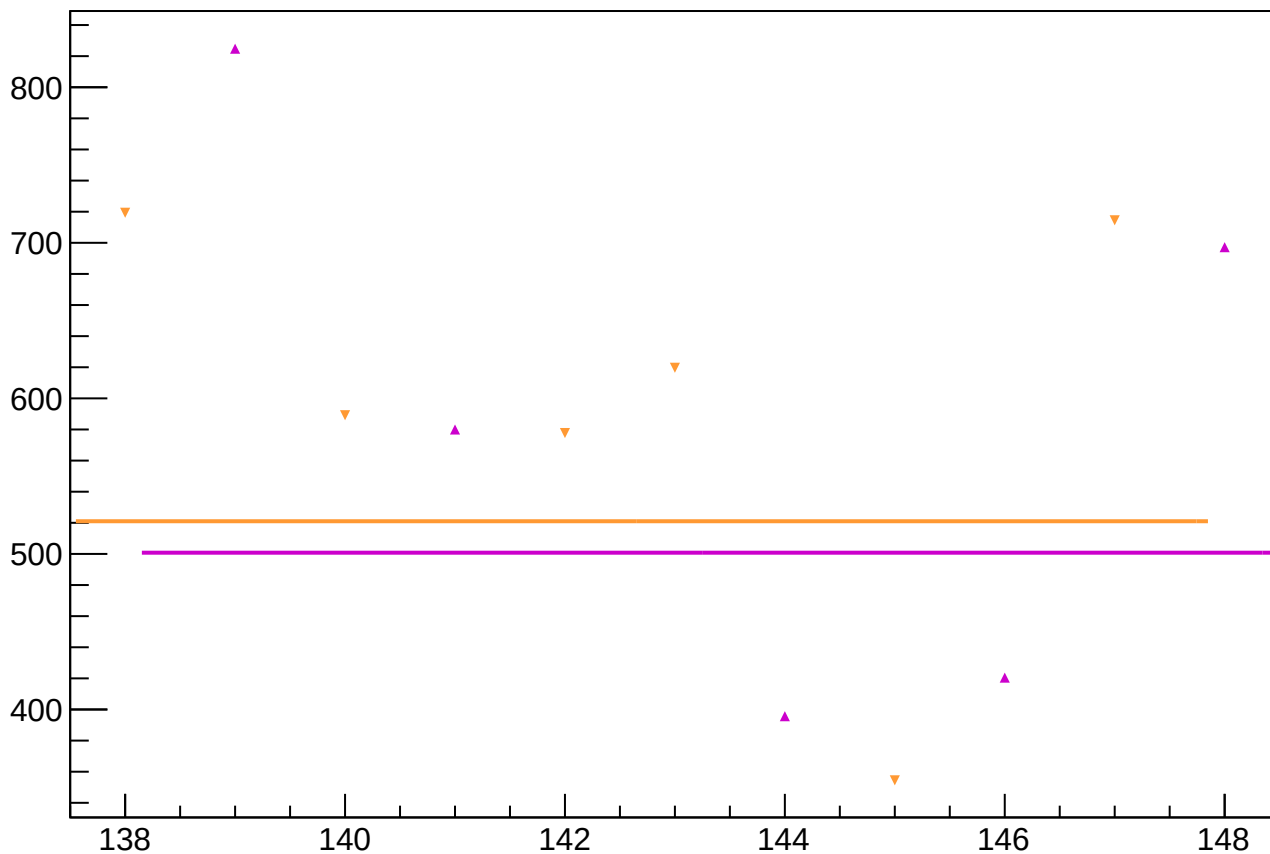
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.387+/-258.743 χ^2/NDF :2.0/4

Out: 714.835+/-263.727 χ^2/NDF :14.6/5

All: 462.386+/-184.696 χ^2/NDF : 18.4/10

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 521.013+/-0.186 χ^2/NDF : 620409.6/5

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: 510.708+/-0.131 χ^2/NDF : 1202102.2/10

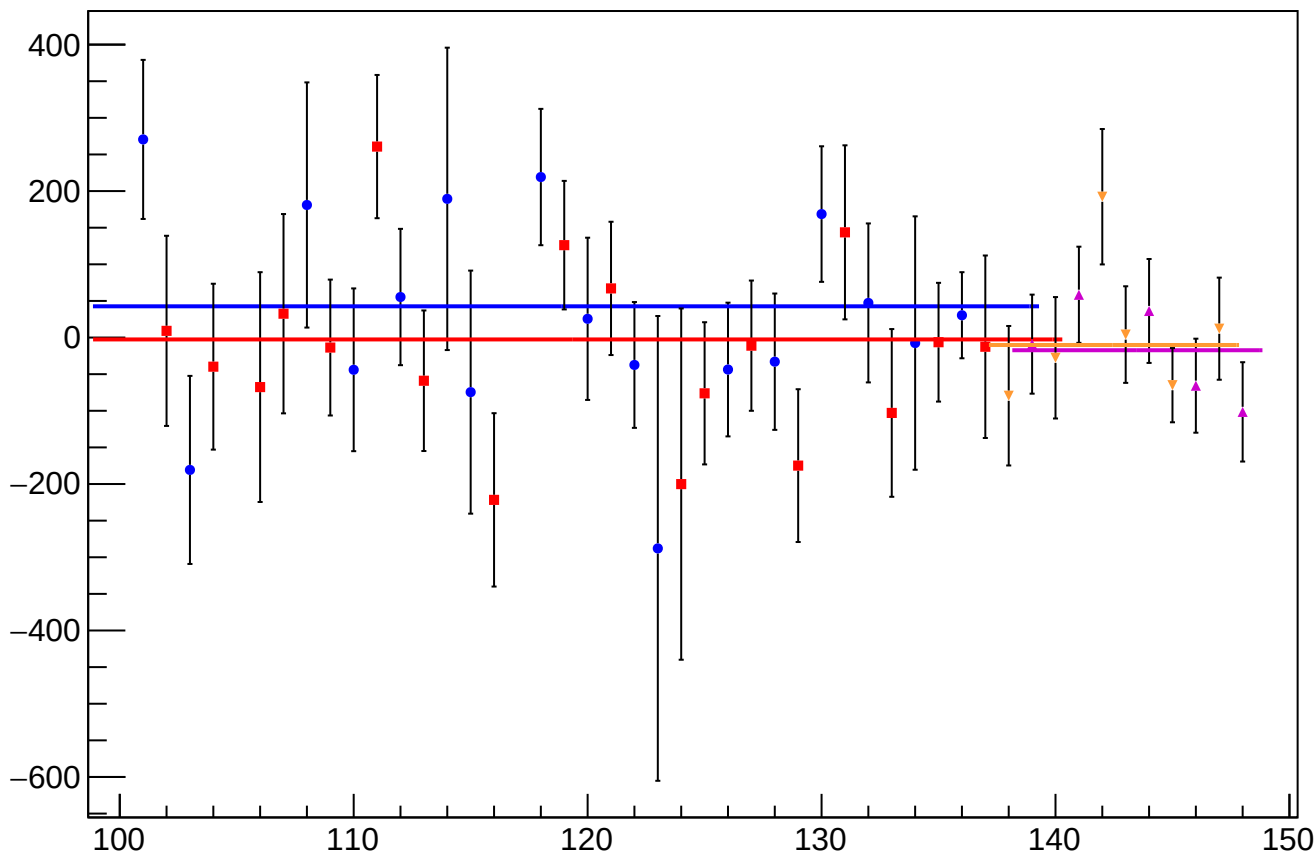
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Out: 521.013+/-0.186 χ^2/NDF : 620409.6/5

All: 510.708+/-0.131 χ^2/NDF : 1202102.2/10

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -10.157 $\pm$ 28.896 χ^2 /NDF: 6.7/5

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -17.322 $\pm$ 30.022 χ^2 /NDF: 4.0/4

Left: -13.602 $\pm$ 20.819 χ^2 /NDF: 10.7/10

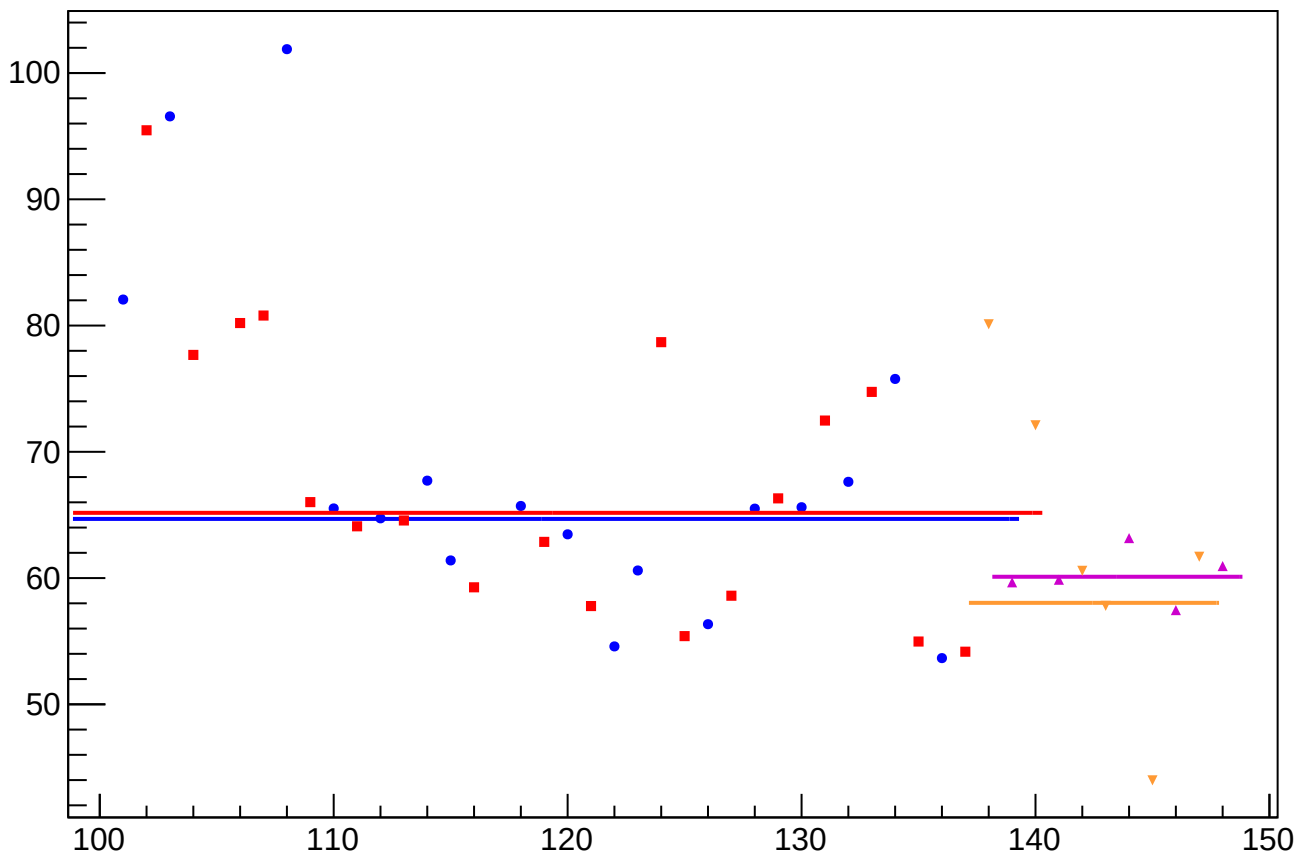
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 17.535 $\pm$ 19.429 χ^2 /NDF: 25.2/21

Out: -5.834 $\pm$ 18.944 χ^2 /NDF: 27.1/23

All: 5.555 $\pm$ 13.564 χ^2 /NDF: 53.1/45

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 58.038 $\pm$ 0.020 χ^2 /NDF:325799.1/5

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 60.104 $\pm$ 0.021 χ^2 /NDF:7535.0/4

Left: 59.032 $\pm$ 0.015 χ^2 /NDF: 338253.2/10

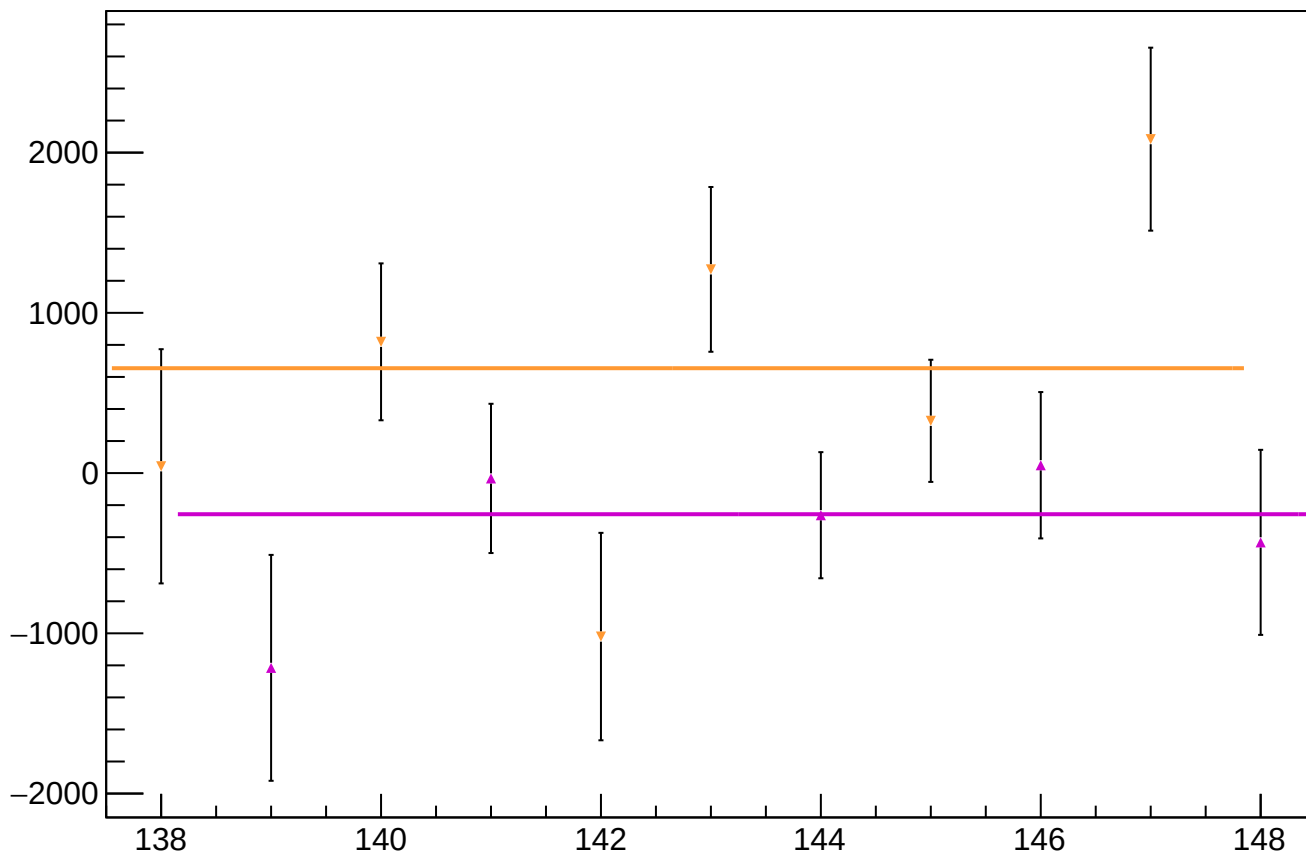
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 62.767 $\pm$ 0.014 χ^2 /NDF:434786.2/21

Out: 62.103 $\pm$ 0.013 χ^2 /NDF:699799.4/23

All: 62.427 $\pm$ 0.010 χ^2 /NDF: 1135782.6/45

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: 654.470+/-212.404 χ^2/NDF :16.0/5

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

Left In: -256.744+/-218.874 χ^2/NDF :2.6/4

Left: 212.530+/-152.428 χ^2/NDF : 27.5/10

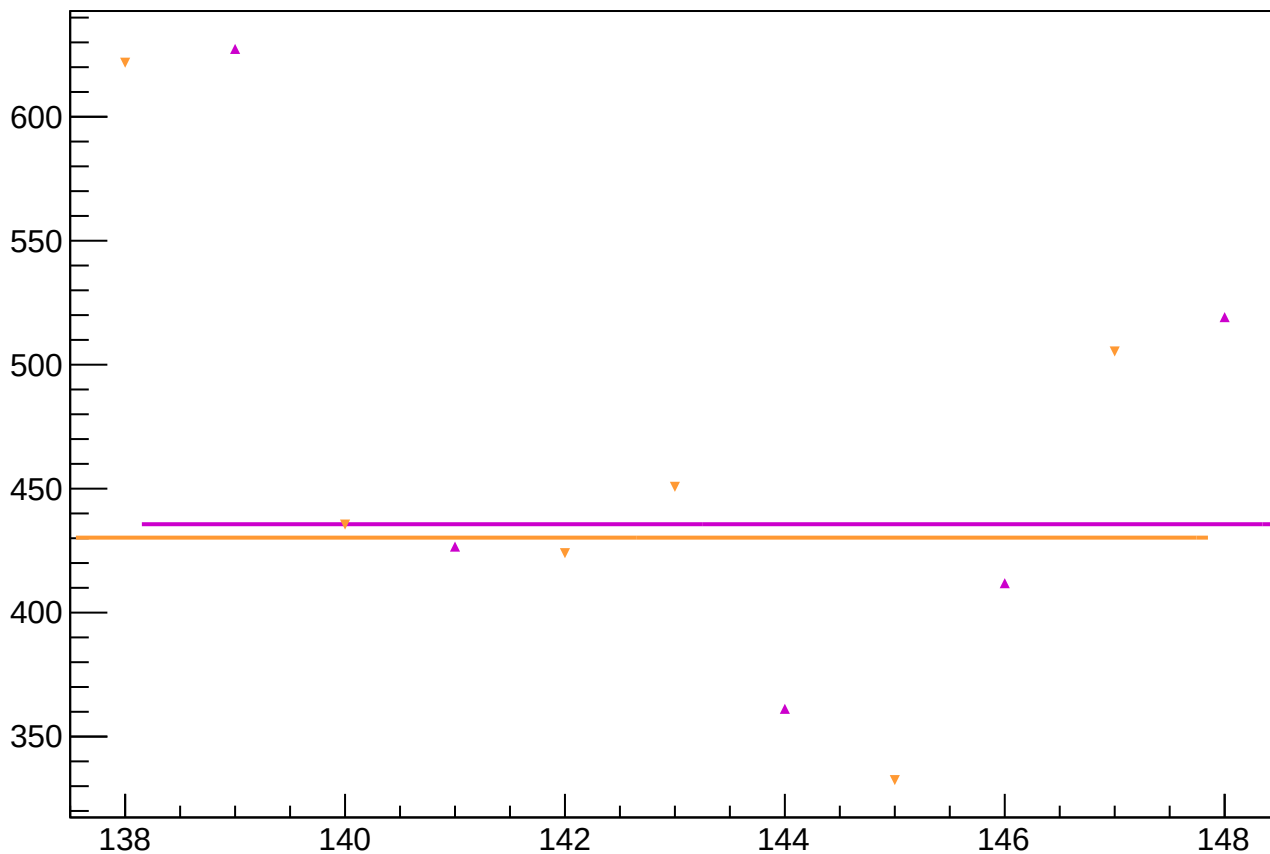
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.744+/-218.874 χ^2/NDF :2.6/4

Out: 654.470+/-212.404 χ^2/NDF :16.0/5

All: 212.530+/-152.428 χ^2/NDF : 27.5/10

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: 430.245+/-0.150 χ^2/NDF : 307293.8/5

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

Left In: 435.655+/-0.155 χ^2/NDF : 267560.3/4

Left: 432.869+/-0.108 χ^2/NDF : 575483.2/10

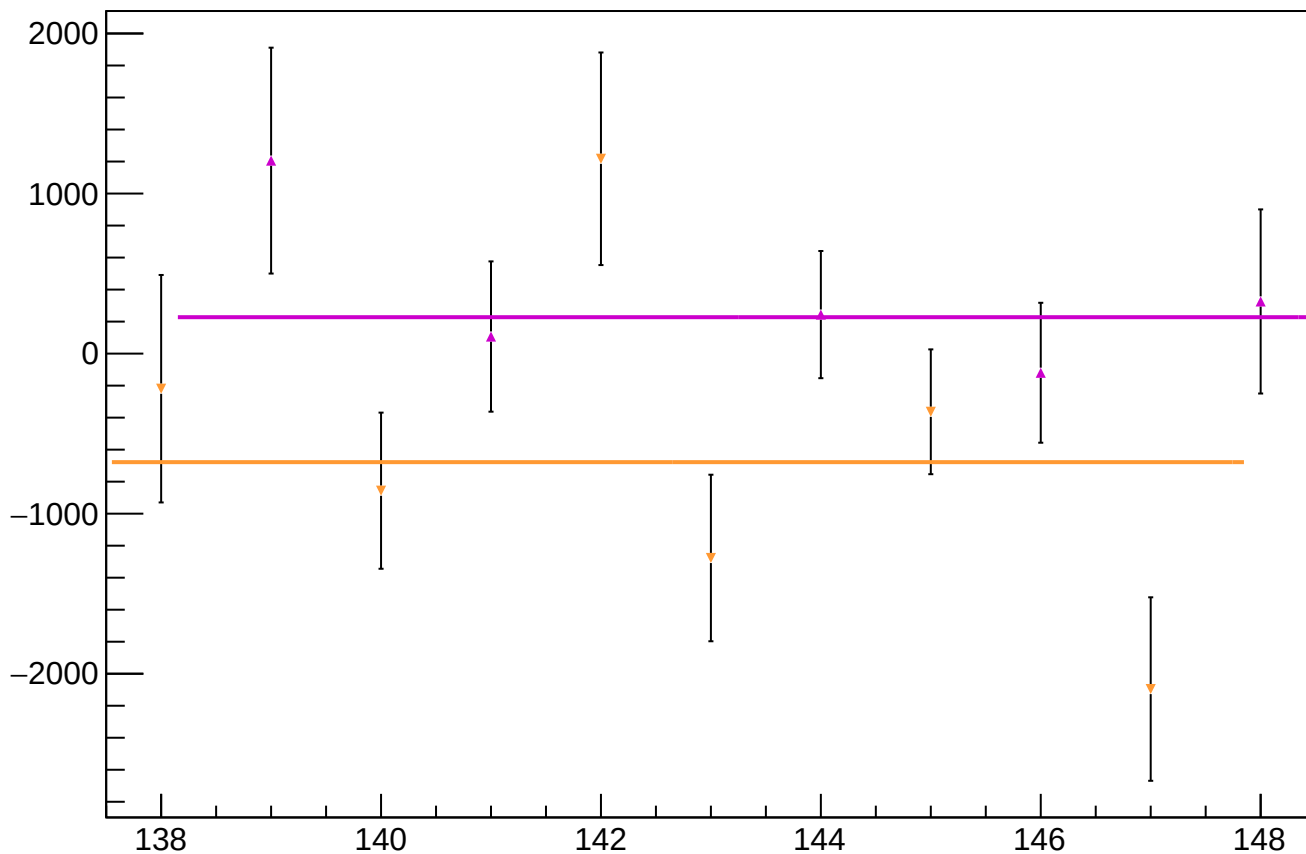
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 435.655+/-0.155 χ^2/NDF : 267560.3/4

Out: 430.245+/-0.150 χ^2/NDF : 307293.8/5

All: 432.869+/-0.108 χ^2/NDF : 575483.2/10

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -678.122+/-214.340 χ^2/NDF :16.8/5

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: -231.963+/-152.671 χ^2/NDF : 28.2/10

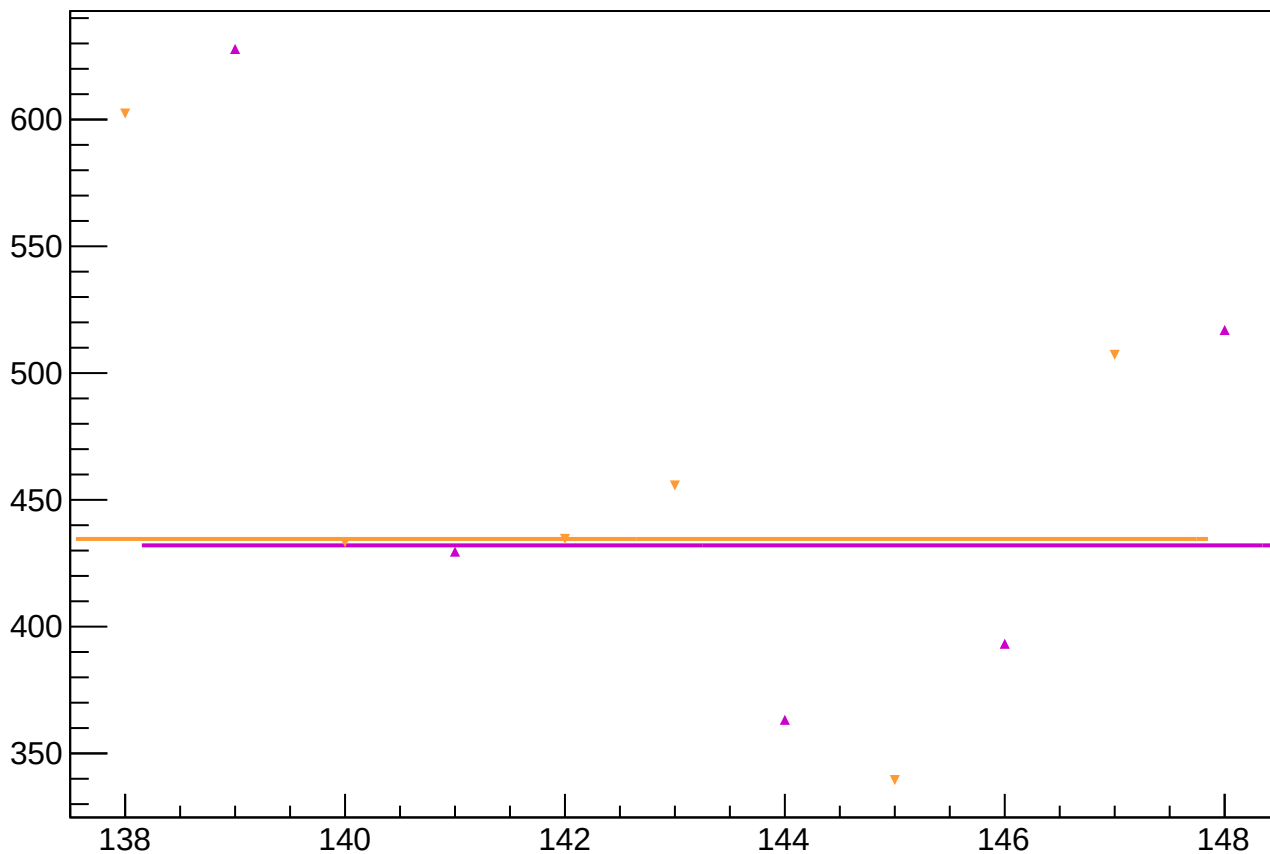
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.504+/-217.514 χ^2/NDF :2.6/4

Out: -678.122+/-214.340 χ^2/NDF :16.8/5

All: -231.963+/-152.671 χ^2/NDF : 28.2/10

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 434.582+/-0.152 χ^2/NDF : 265872.5/5

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: 433.336+/-0.108 χ^2/NDF : 539386.1/10

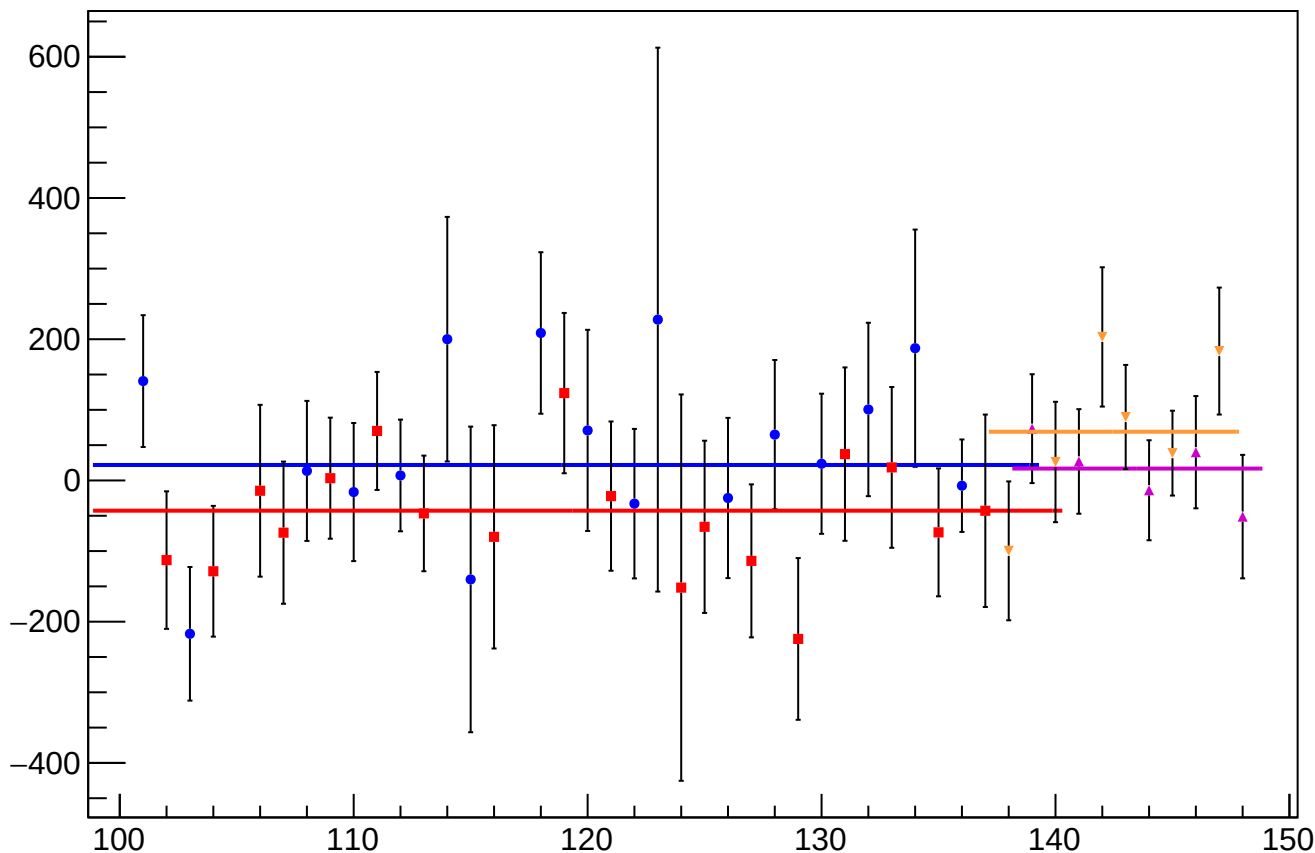
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

Out: 434.582+/-0.152 χ^2/NDF : 265872.5/5

All: 433.336+/-0.108 χ^2/NDF : 539386.1/10

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 69.026 ± 32.821 $\chi^2/\text{NDF}: 7.0/5$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 16.829 ± 34.520 $\chi^2/\text{NDF}: 1.4/4$

Left: 44.243 ± 23.786 $\chi^2/\text{NDF}: 9.6/10$

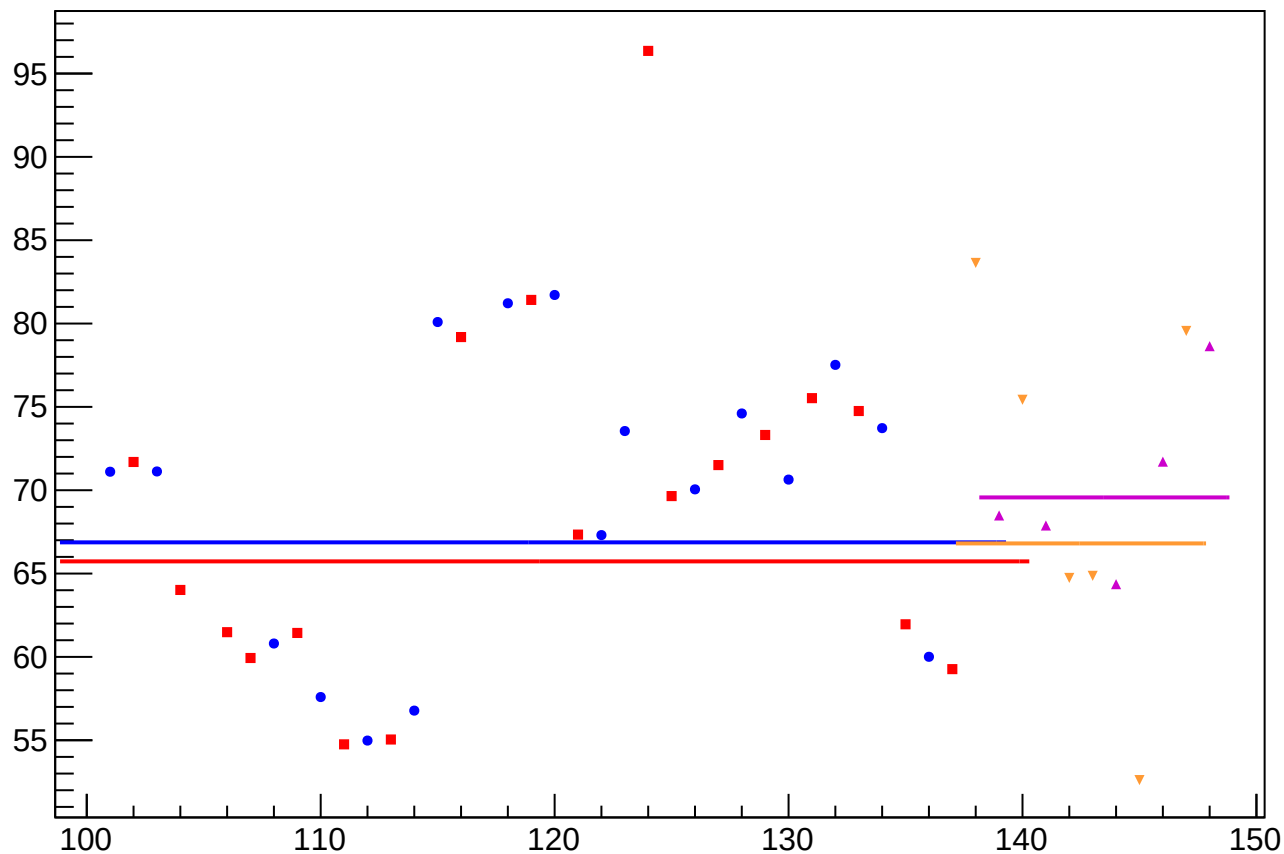
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 20.064 ± 20.796 $\chi^2/\text{NDF}: 16.5/21$

Out: -1.511 ± 19.946 $\chi^2/\text{NDF}: 24.2/23$

All: 8.826 ± 14.395 $\chi^2/\text{NDF}: 41.3/45$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 66.808 $\pm$ 0.023 χ^2/NDF : 233239.0/5

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.568 $\pm$ 0.024 χ^2/NDF : 35233.4/4

Left: 68.118 $\pm$ 0.017 χ^2/NDF : 275186.2/10

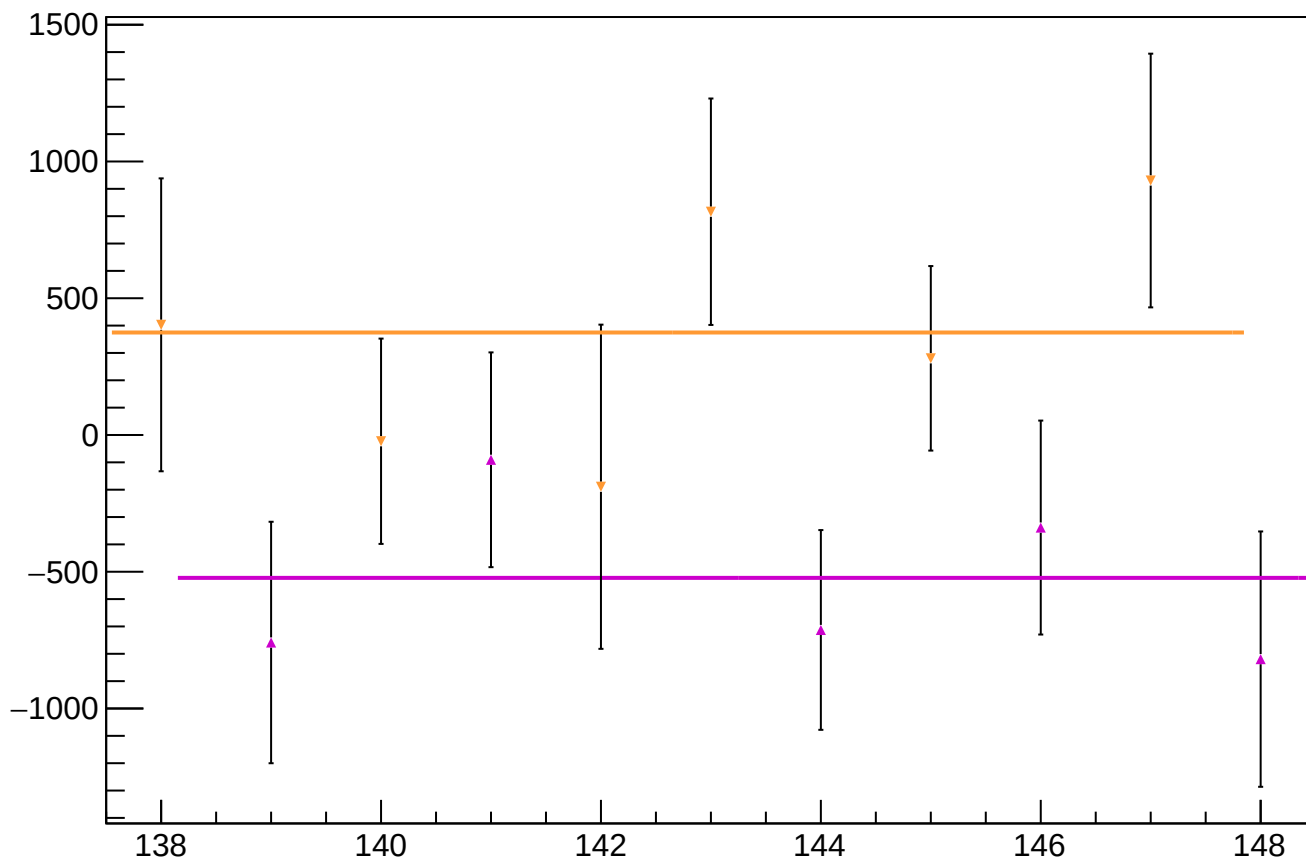
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 67.850 $\pm$ 0.015 χ^2/NDF : 245520.0/21

Out: 66.129 $\pm$ 0.014 χ^2/NDF : 453466.2/23

All: 66.954 $\pm$ 0.010 χ^2/NDF : 706128.3/45

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: 374.732 ± 174.854 χ^2/NDF : 4.7/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -522.412 ± 181.834 χ^2/NDF : 2.4/4

Left: -56.290 ± 126.036 χ^2/NDF : 19.7/10

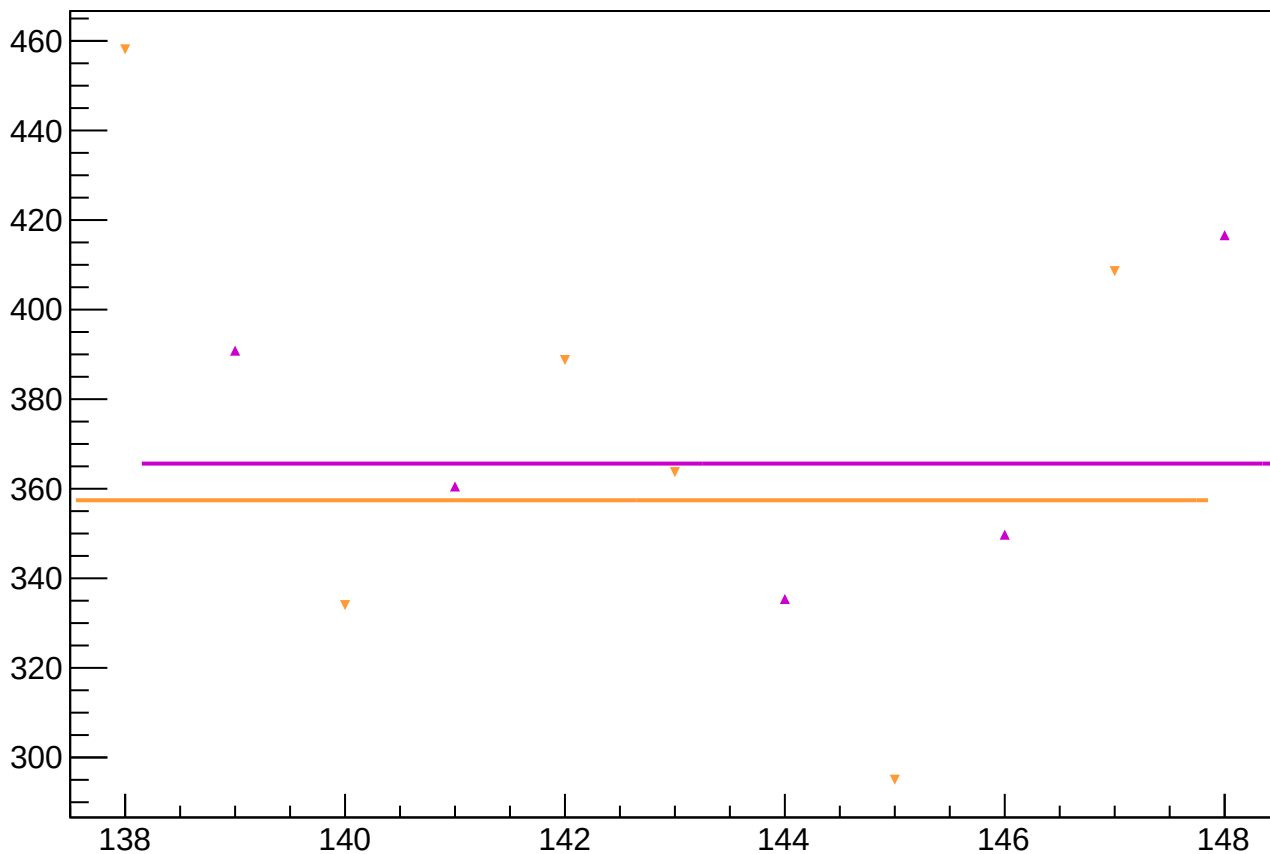
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -522.412 ± 181.834 χ^2/NDF : 2.4/4

Out: 374.732 ± 174.854 χ^2/NDF : 4.7/5

All: -56.290 ± 126.036 χ^2/NDF : 19.7/10

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 357.432+/-0.124 χ^2/NDF :177321.9/5

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

Left In: 365.617+/-0.129 χ^2/NDF :47739.3/4

Left: 361.364+/-0.089 χ^2/NDF : 227166.6/10

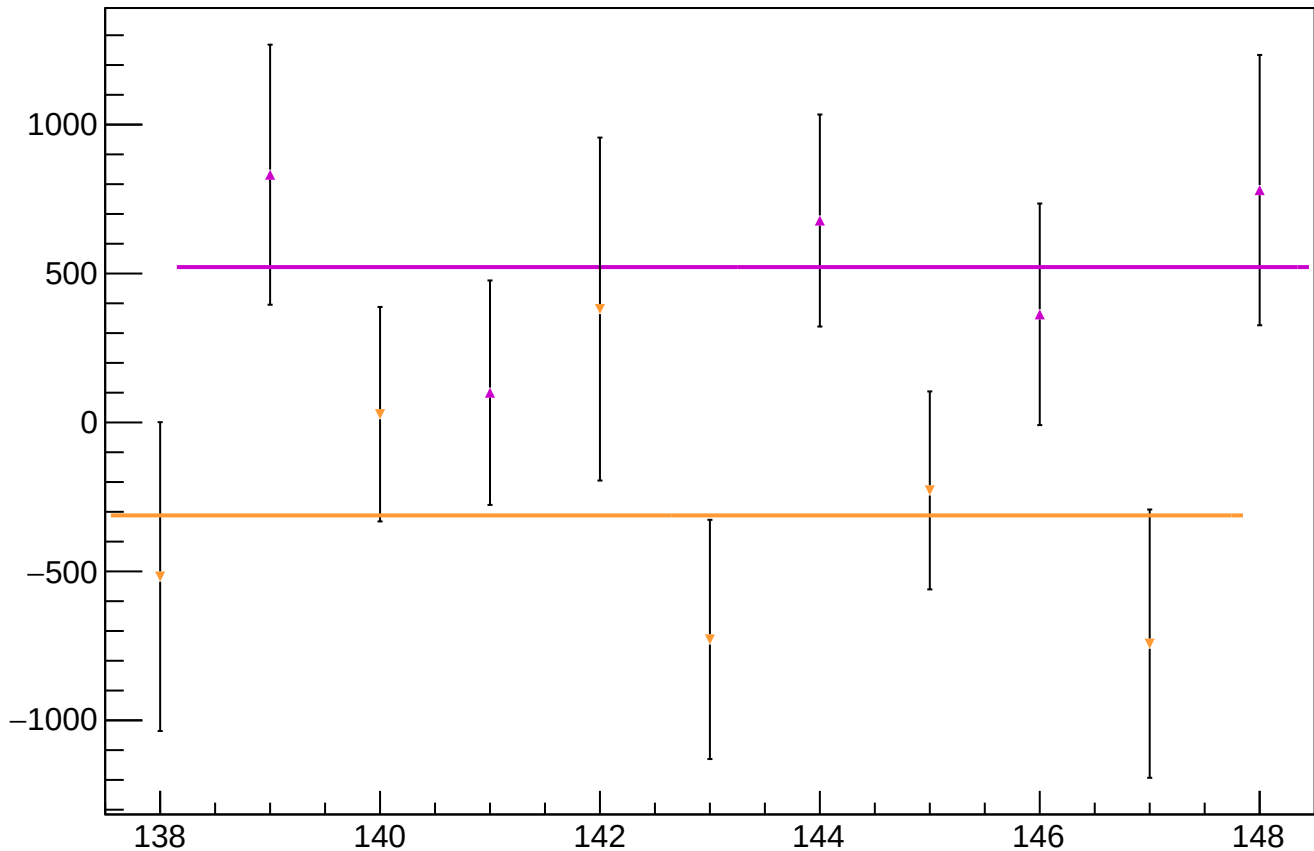
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.617+/-0.129 χ^2/NDF :47739.3/4

Out: 357.432+/-0.124 χ^2/NDF :177321.9/5

All: 361.364+/-0.089 χ^2/NDF : 227166.6/10

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -311.967 +/- 169.911 χ^2/NDF : 4.5/5

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: 90.094 +/- 122.252 χ^2/NDF : 18.6/10

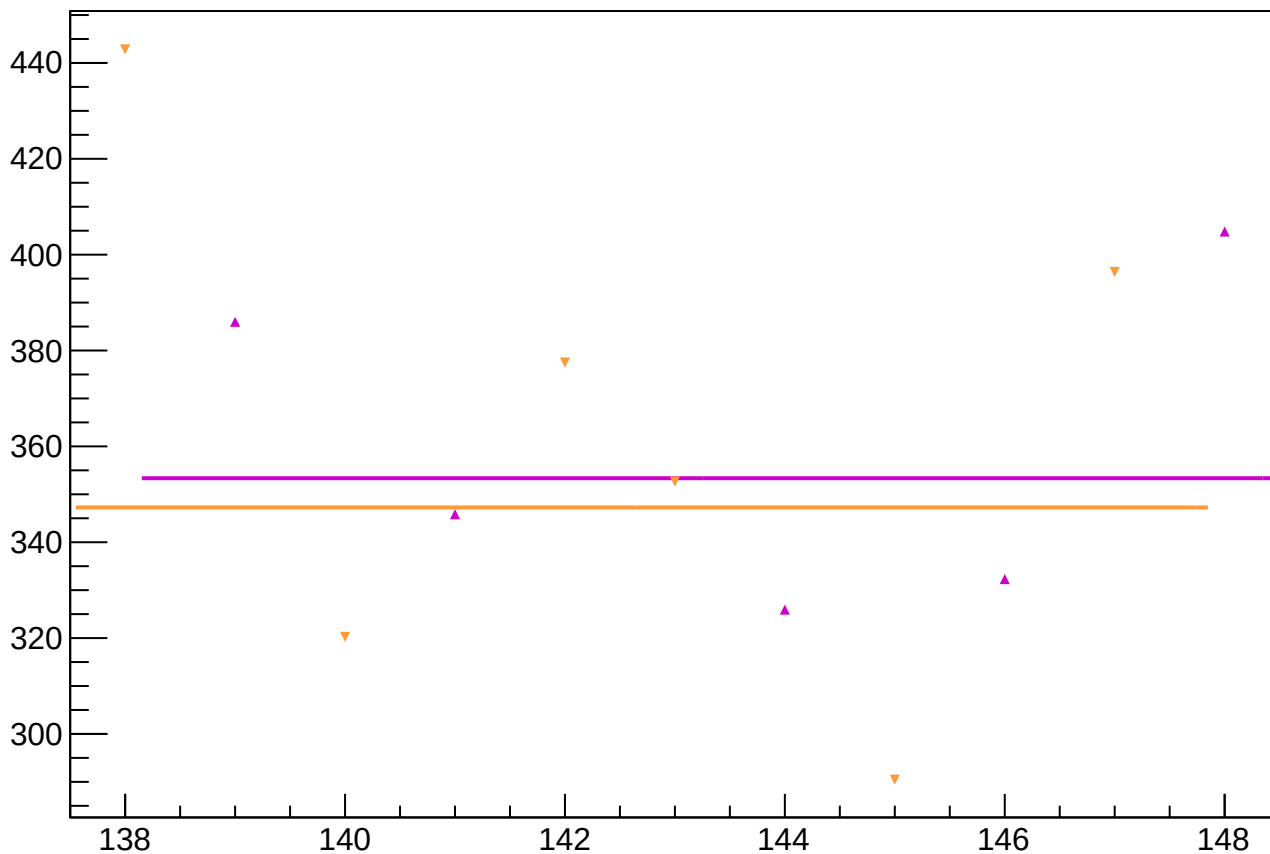
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 521.649 +/- 176.033 χ^2/NDF : 2.5/4

Out: -311.967 +/- 169.911 χ^2/NDF : 4.5/5

All: 90.094 +/- 122.252 χ^2/NDF : 18.6/10

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

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: 350.197+/-0.086 χ^2/NDF : 224547.2/10

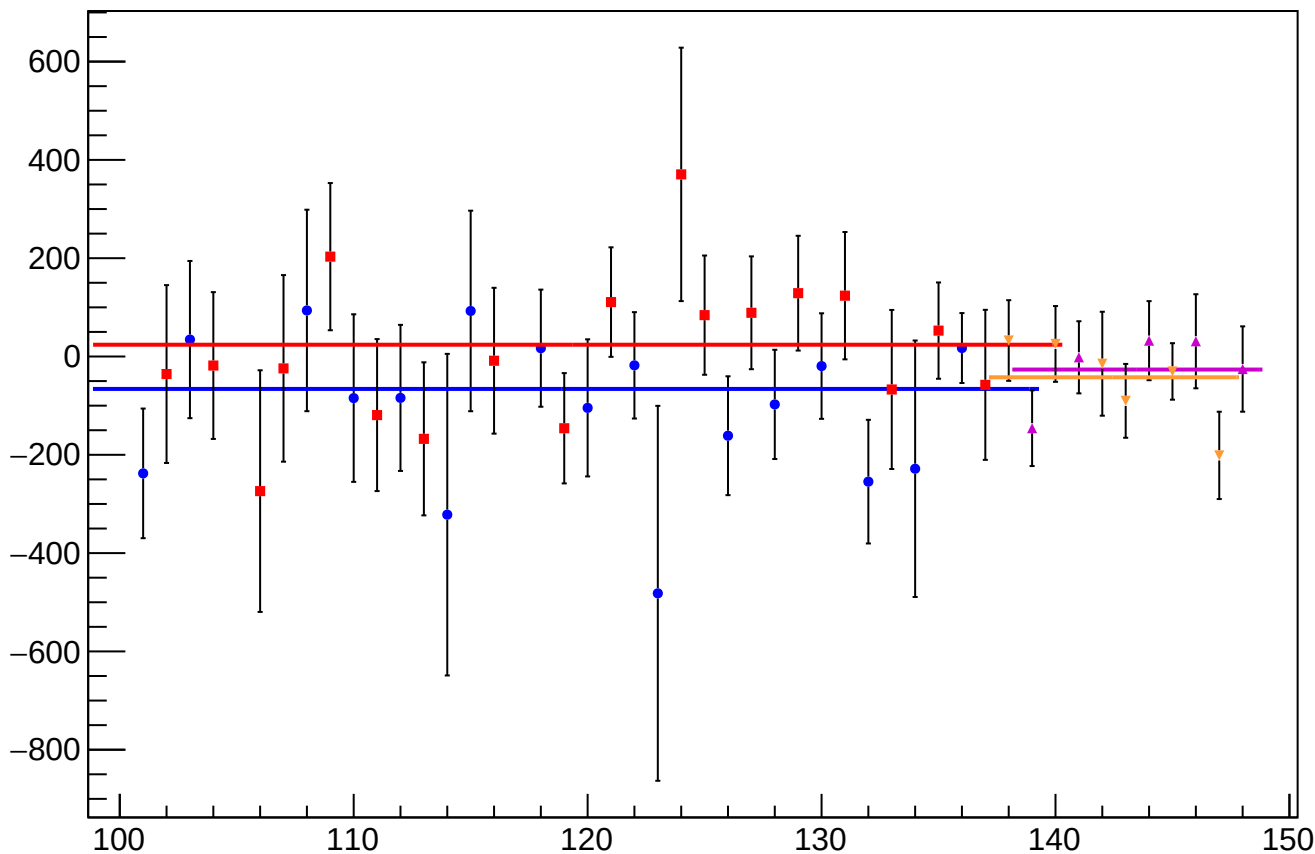
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

All: 350.197+/-0.086 χ^2/NDF : 224547.2/10

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -42.294 ± 31.418 χ^2/NDF : 5.3/5

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -26.552 ± 36.494 χ^2/NDF : 3.4/4

Left: -35.593 ± 23.810 χ^2/NDF : 8.8/10

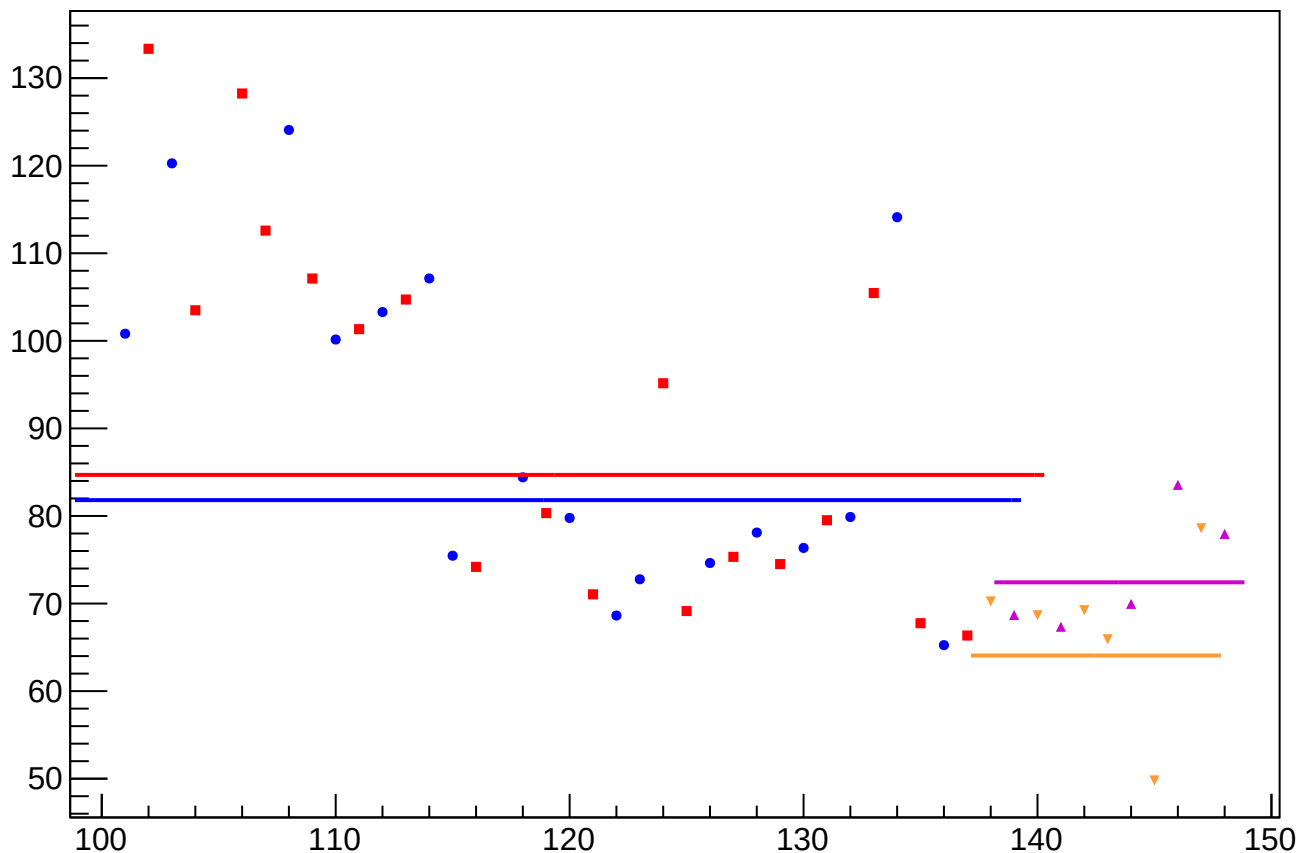
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -48.665 ± 24.183 χ^2/NDF : 14.8/21

Out: -10.573 ± 22.685 χ^2/NDF : 20.4/23

All: -28.403 ± 16.545 χ^2/NDF : 36.6/45

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 64.068+/-0.022 χ^2/NDF : 201202.2/5

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 72.423+/-0.026 χ^2/NDF : 51270.6/4

Left: 67.624+/-0.017 χ^2/NDF : 312688.7/10

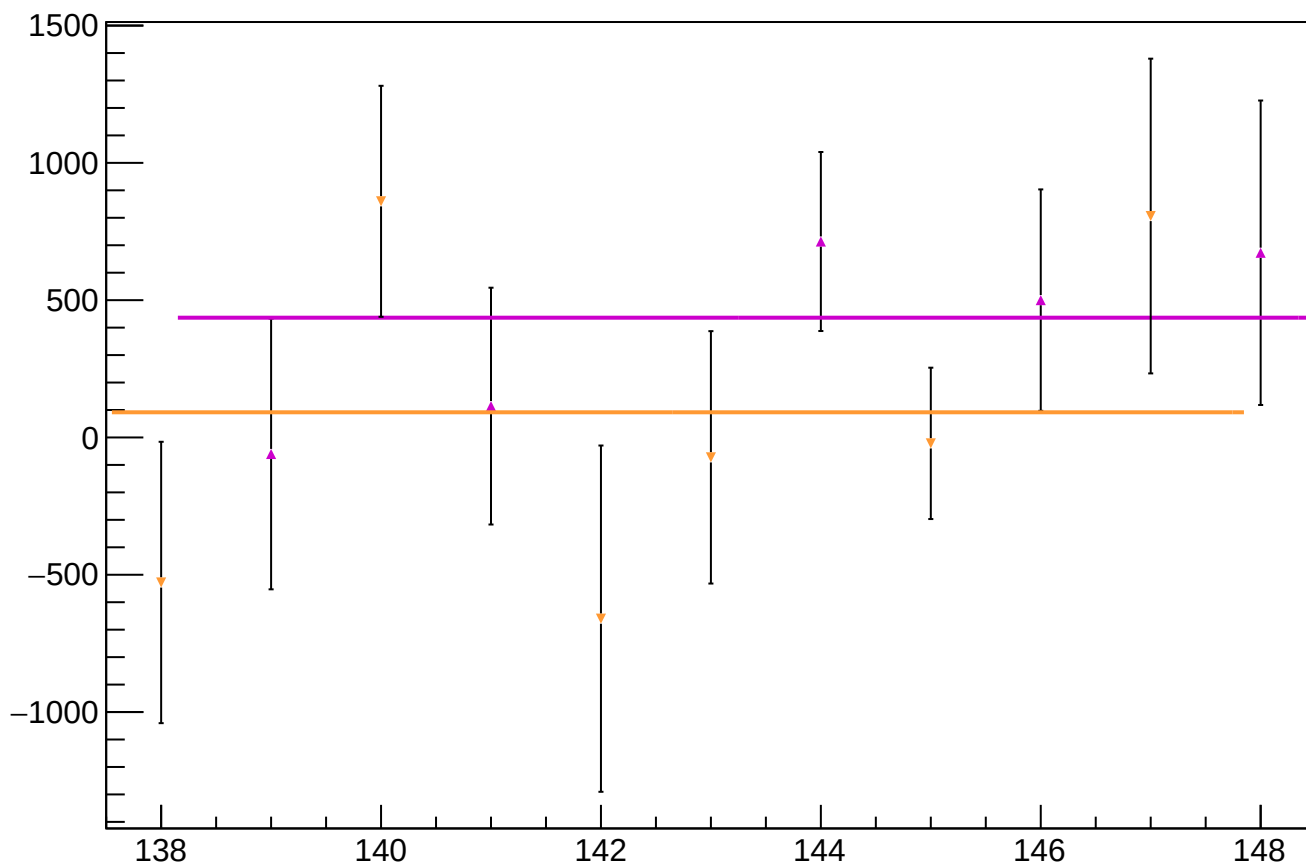
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 77.688+/-0.017 χ^2/NDF : 632658.9/21

Out: 73.939+/-0.016 χ^2/NDF : 1229605.4/23

All: 75.694+/-0.012 χ^2/NDF : 1887831.6/45

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: 91.661+/-174.283 χ^2/NDF : 8.1/5

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

Left In: 436.152+/-187.947 χ^2/NDF : 2.5/4

Left: 250.930+/-127.795 χ^2/NDF : 12.4/10

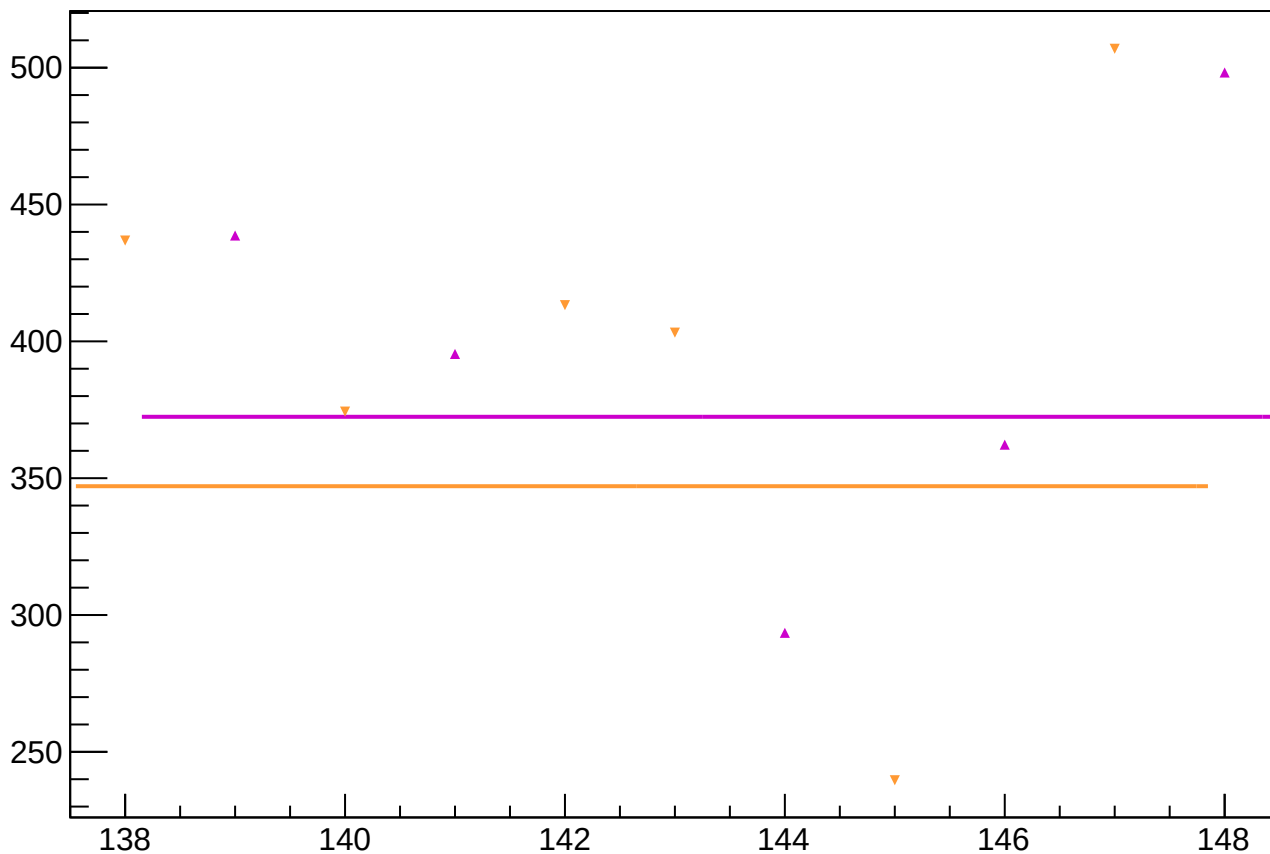
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 436.152+/-187.947 χ^2/NDF : 2.5/4

Out: 91.661+/-174.283 χ^2/NDF : 8.1/5

All: 250.930+/-127.795 χ^2/NDF : 12.4/10

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: 347.069+/-0.123 χ^2/NDF :581251.7/5

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

Left In: 372.436+/-0.133 χ^2/NDF :263345.5/4

Left: 358.797+/-0.090 χ^2/NDF : 864186.2/10

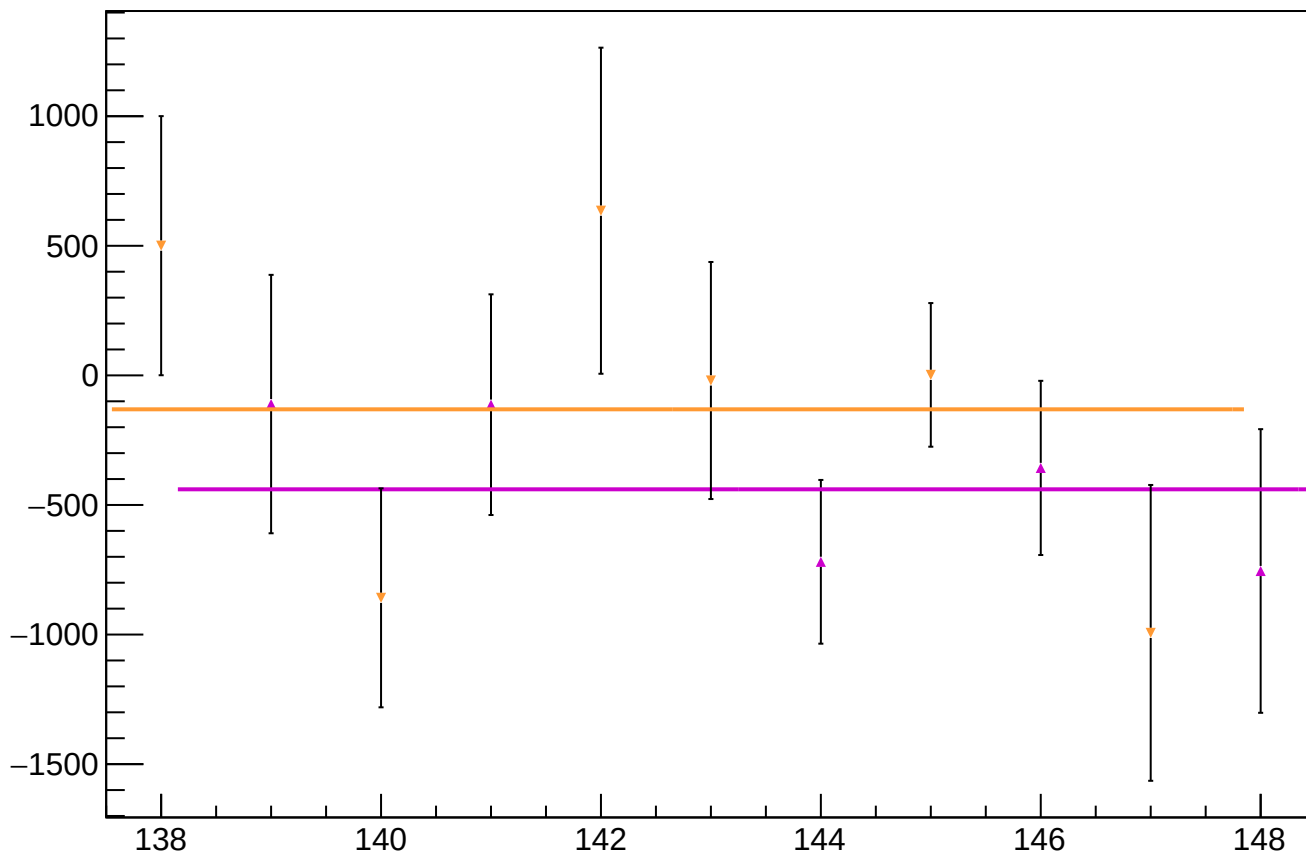
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.436+/-0.133 χ^2/NDF :263345.5/4

Out: 347.069+/-0.123 χ^2/NDF :581251.7/5

All: 358.797+/-0.090 χ^2/NDF : 864186.2/10

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: -130.929 ± 174.064 $\chi^2/\text{NDF}: 8.6/5$

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: -282.291 ± 124.261 $\chi^2/\text{NDF}: 12.4/10$

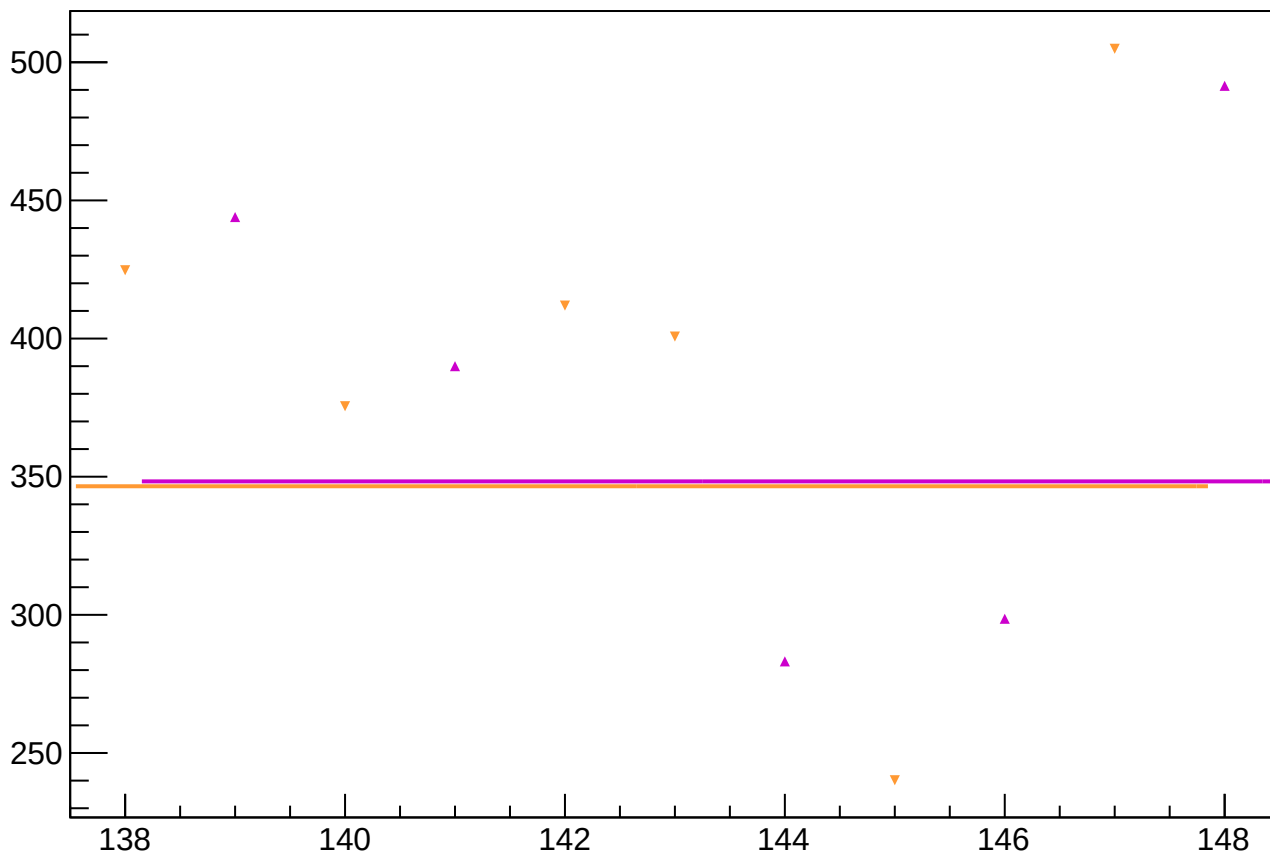
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -439.598 ± 177.449 $\chi^2/\text{NDF}: 2.2/4$

Out: -130.929 ± 174.064 $\chi^2/\text{NDF}: 8.6/5$

All: -282.291 ± 124.261 $\chi^2/\text{NDF}: 12.4/10$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

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: 347.404+/-0.088 χ^2/NDF : 915536.1/10

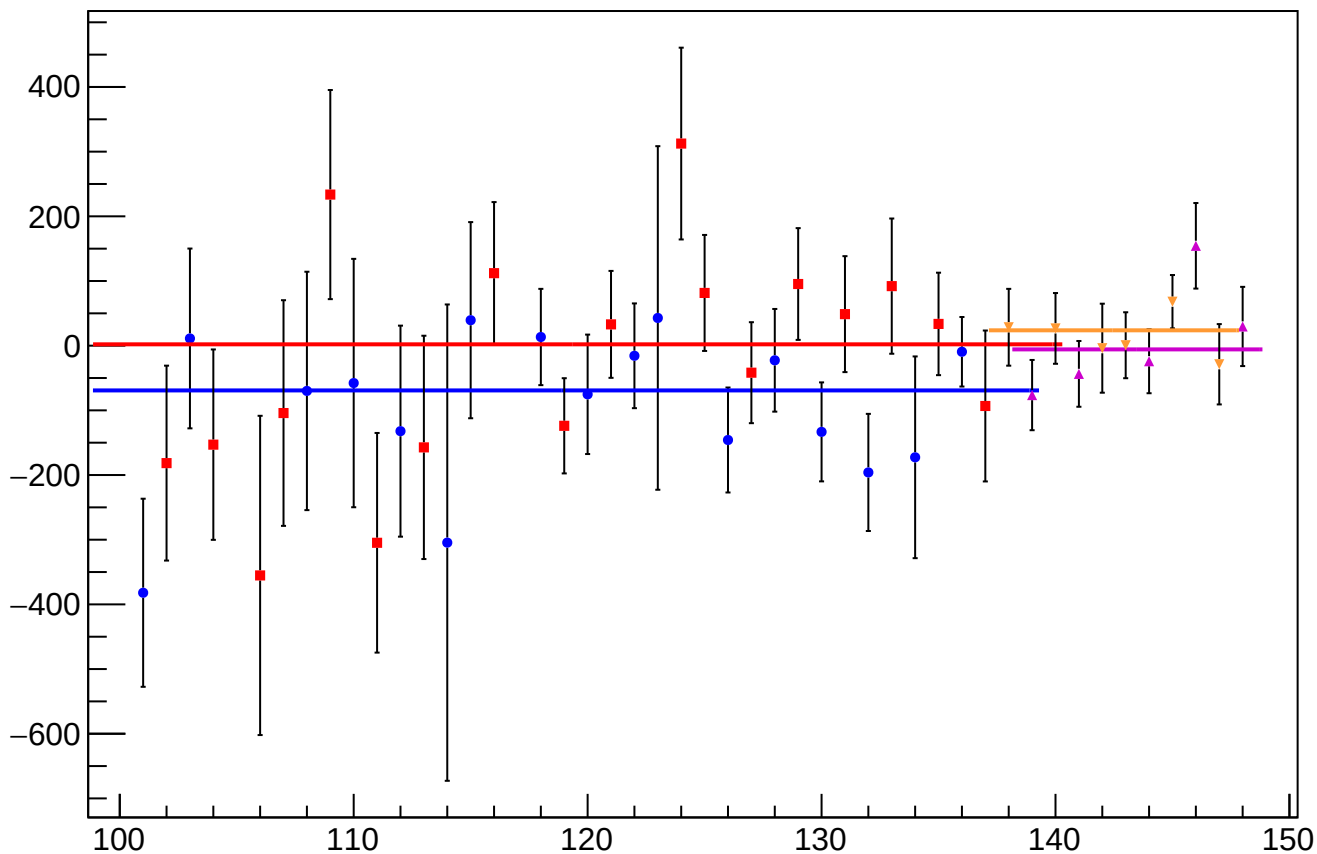
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.305+/-0.125 χ^2/NDF :358599.7/4

Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

All: 347.404+/-0.088 χ^2/NDF : 915536.1/10

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 23.742 ± 22.029 χ^2/NDF : 2.2/5

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -5.753 ± 24.777 χ^2/NDF : 8.6/4

Left: 10.720 ± 16.463 χ^2/NDF : 11.6/10

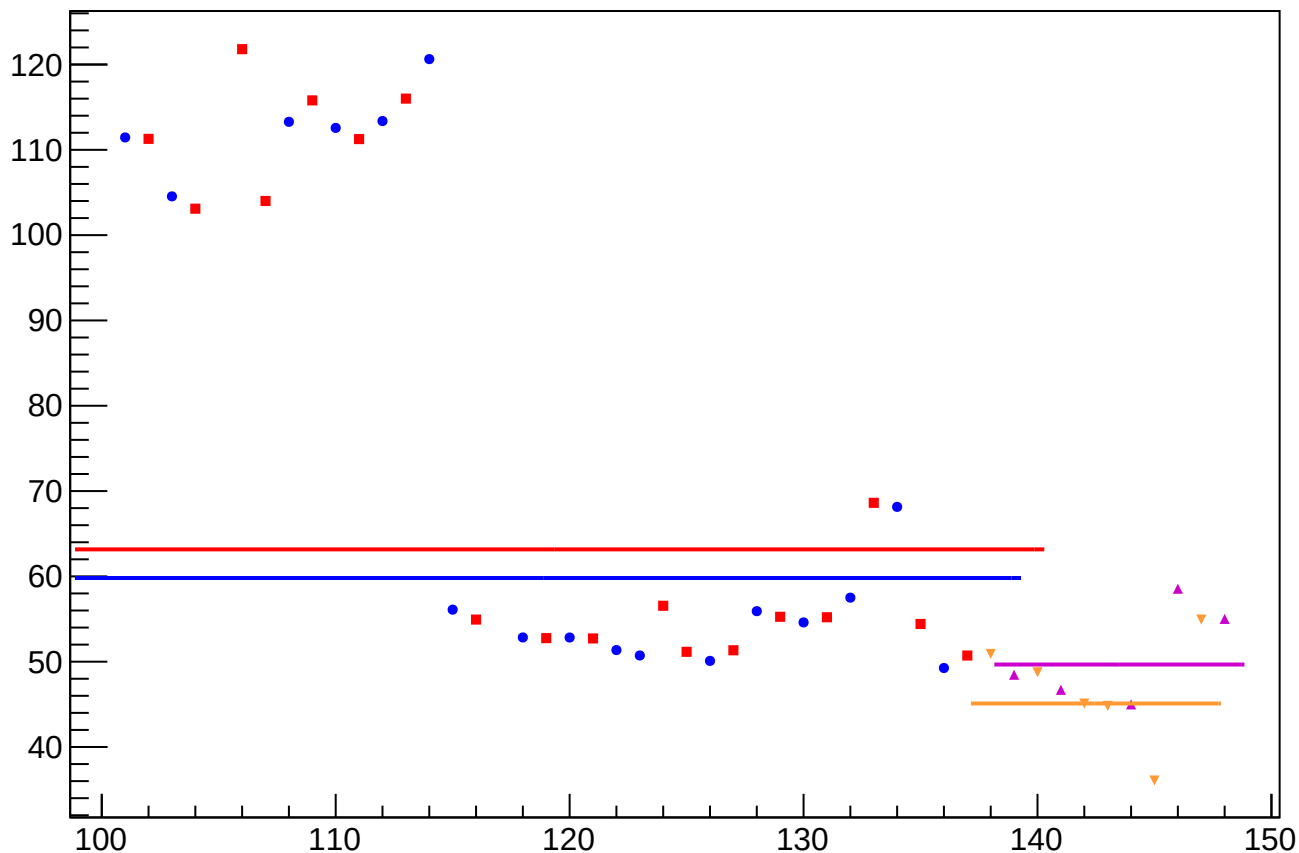
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -38.139 ± 17.334 χ^2/NDF : 25.4/21

Out: 14.354 ± 16.582 χ^2/NDF : 26.4/23

All: -10.728 ± 11.982 χ^2/NDF : 56.6/45

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 45.099 $\pm$ 0.016 χ^2/NDF : 174208.0/5

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 49.667 $\pm$ 0.018 χ^2/NDF : 76922.2/4

Left: 47.116 $\pm$ 0.012 χ^2/NDF : 289094.7/10

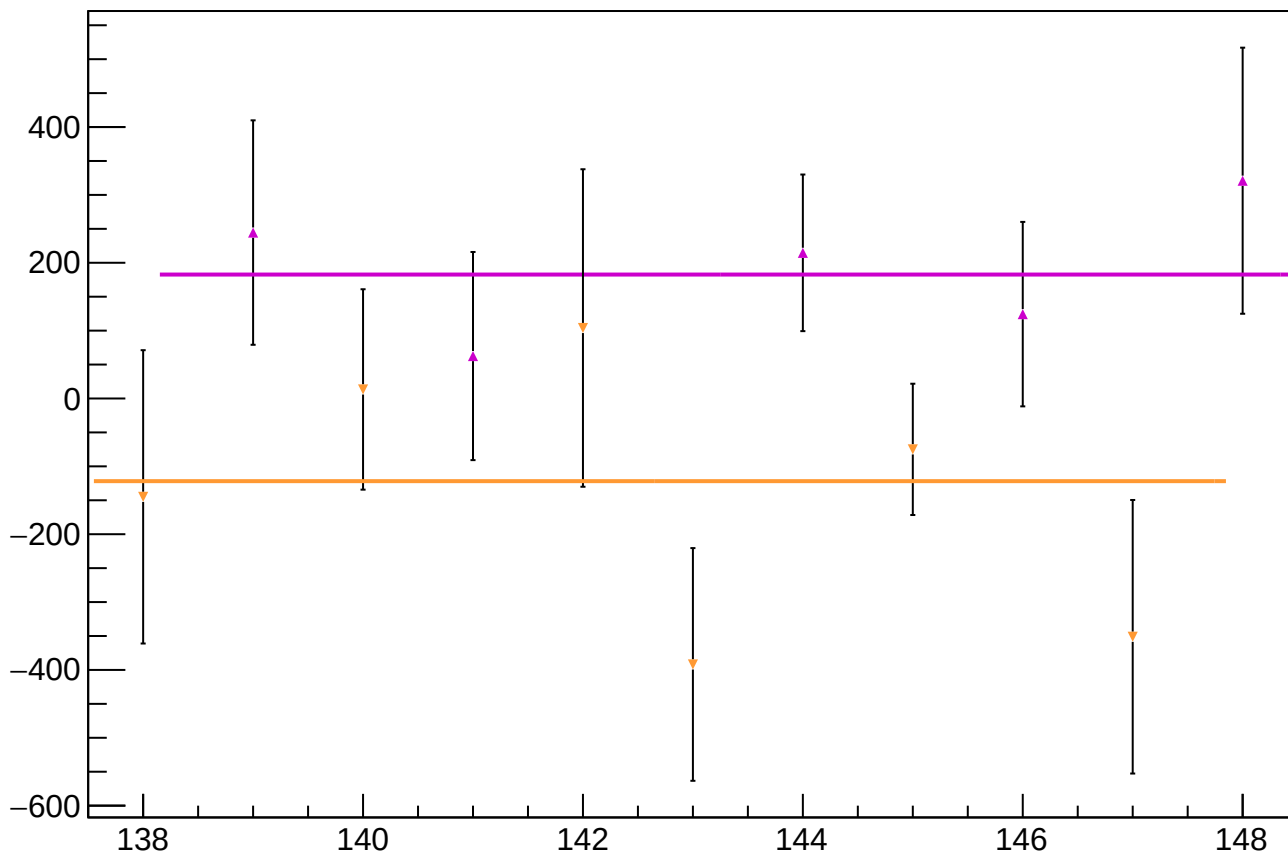
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 54.845 $\pm$ 0.012 χ^2/NDF : 1477988.4/21

Out: 52.929 $\pm$ 0.012 χ^2/NDF : 2144549.8/23

All: 53.845 $\pm$ 0.008 χ^2/NDF : 3635287.4/45

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: -121.814+/-63.113 χ^2/NDF : 5.8/5

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

Left In: 182.636+/-65.325 χ^2/NDF : 1.5/4

Left: 25.168+/-45.390 χ^2/NDF : 18.5/10

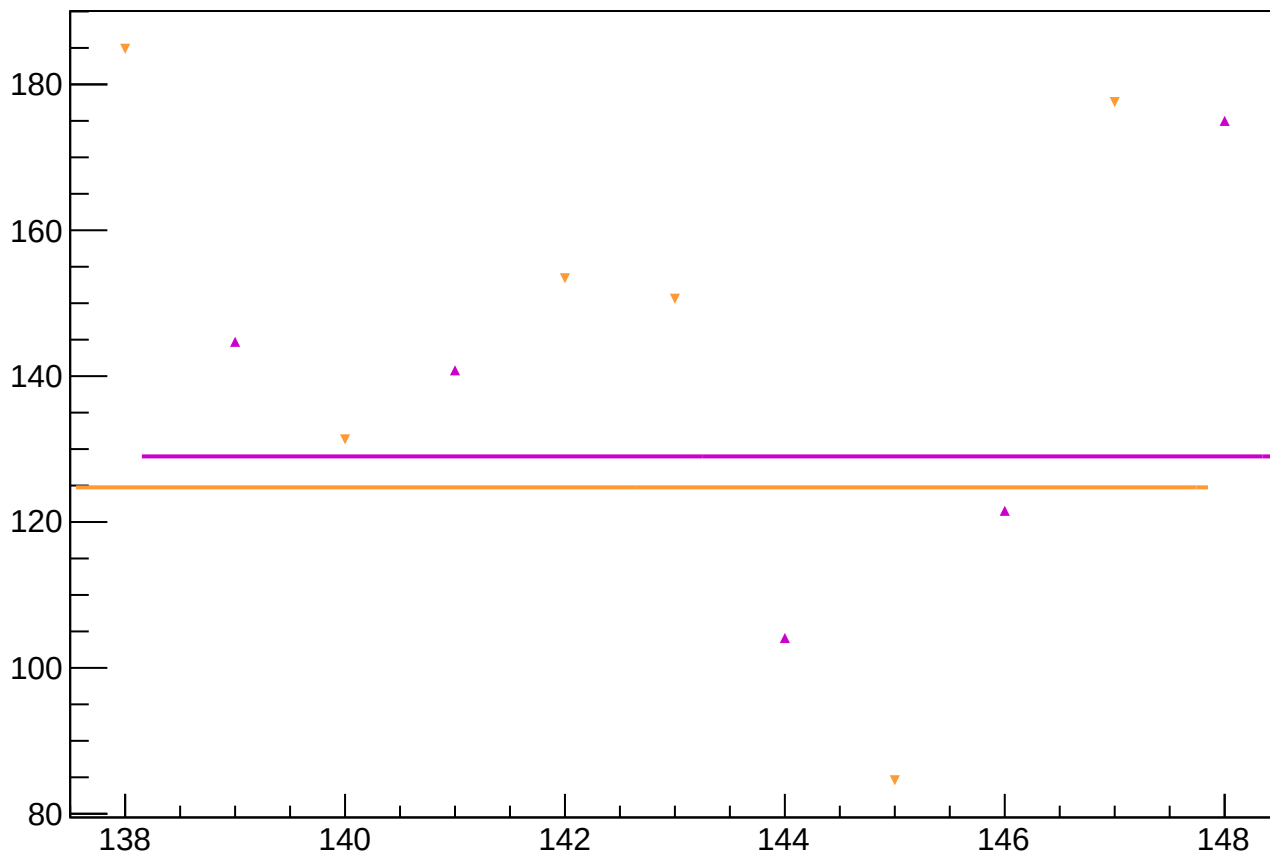
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 182.636+/-65.325 χ^2/NDF : 1.5/4

Out: -121.814+/-63.113 χ^2/NDF : 5.8/5

All: 25.168+/-45.390 χ^2/NDF : 18.5/10

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 124.753+/-0.045 χ^2/NDF : 716491.0/5

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

Left In: 128.996+/-0.046 χ^2/NDF : 239156.4/4

Left: 126.802+/-0.032 χ^2/NDF : 960010.9/10

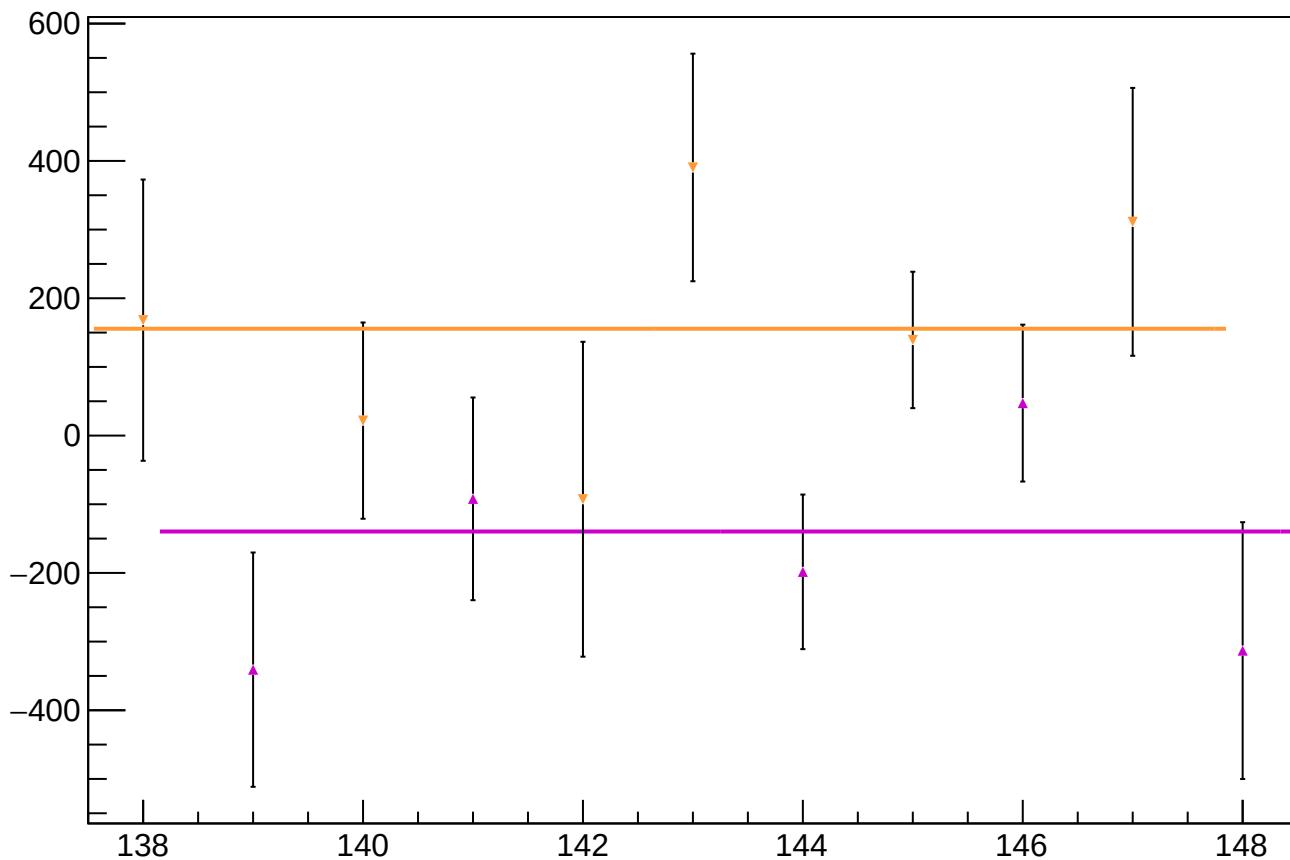
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.996+/-0.046 χ^2/NDF : 239156.4/4

Out: 124.753+/-0.045 χ^2/NDF : 716491.0/5

All: 126.802+/-0.032 χ^2/NDF : 960010.9/10

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

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: 5.568+/-43.840 χ^2/NDF : 21.4/10

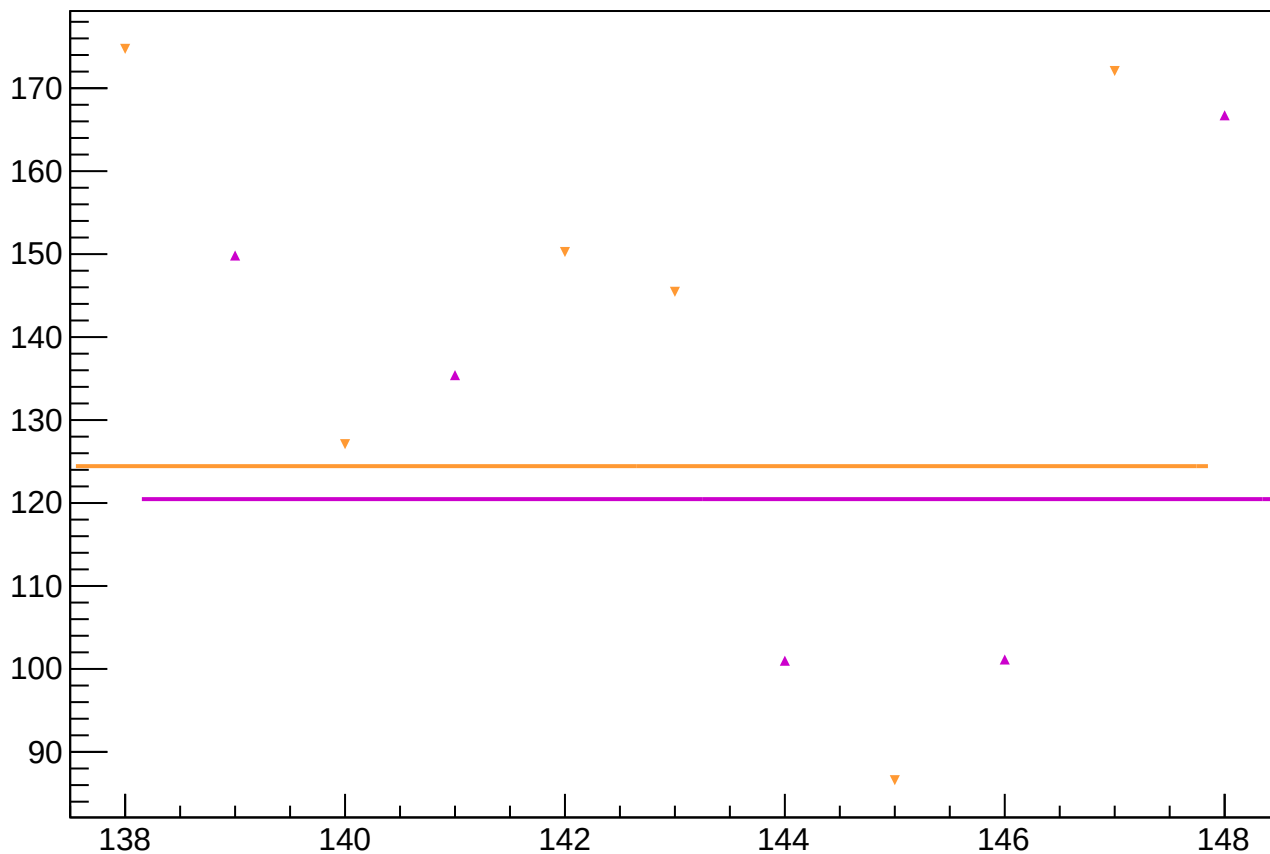
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

All: 5.568+/-43.840 χ^2/NDF : 21.4/10

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 124.443+/-0.044 χ^2/NDF : 588580.6/5

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: 122.423+/-0.031 χ^2/NDF : 911986.8/10

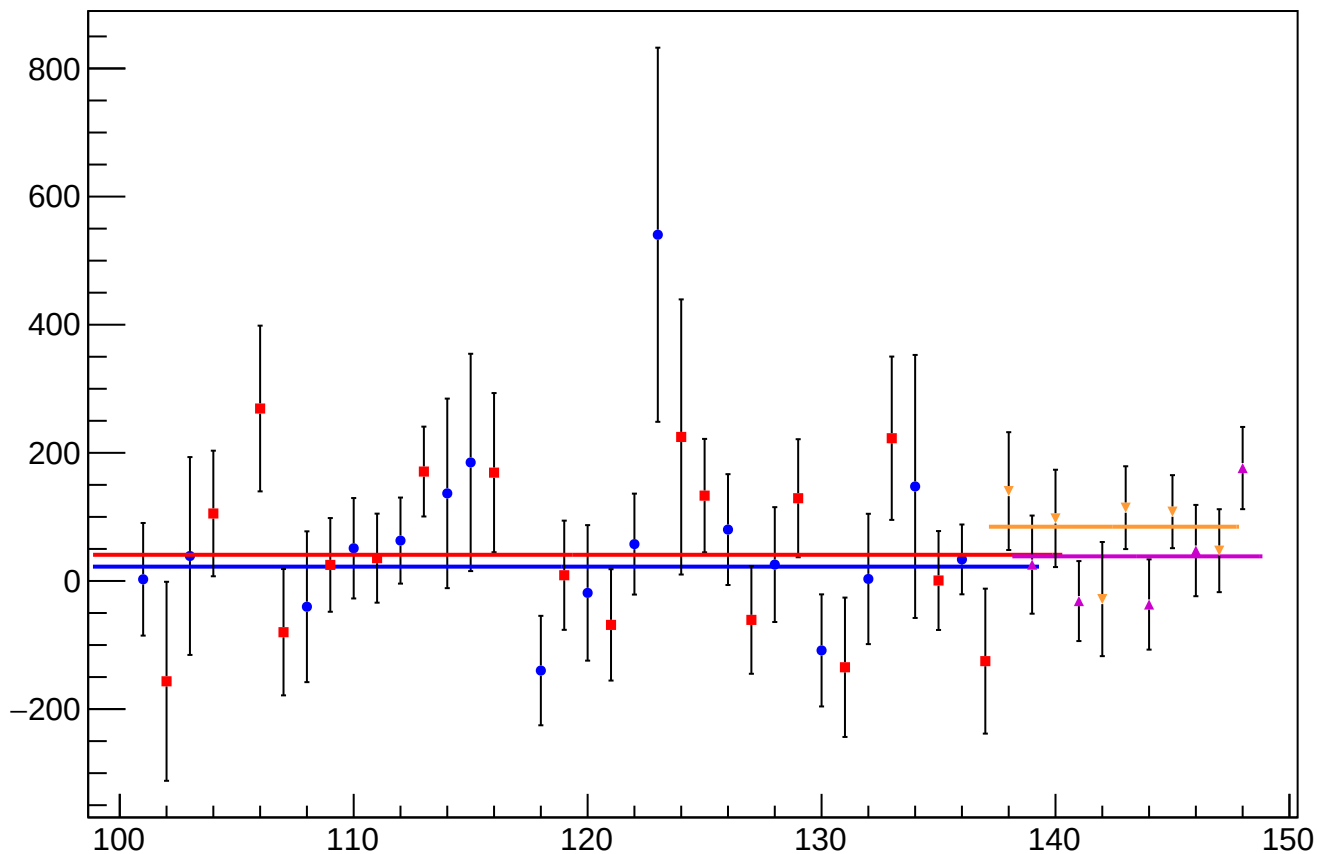
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.469+/-0.043 χ^2/NDF : 319298.5/4

Out: 124.443+/-0.044 χ^2/NDF : 588580.6/5

All: 122.423+/-0.031 χ^2/NDF : 911986.8/10

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 84.688 $\pm$ 28.829 χ^2 /NDF: 2.7/5

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 38.416 $\pm$ 30.595 χ^2 /NDF: 7.0/4

Left: 62.926 $\pm$ 20.981 χ^2 /NDF: 11.0/10

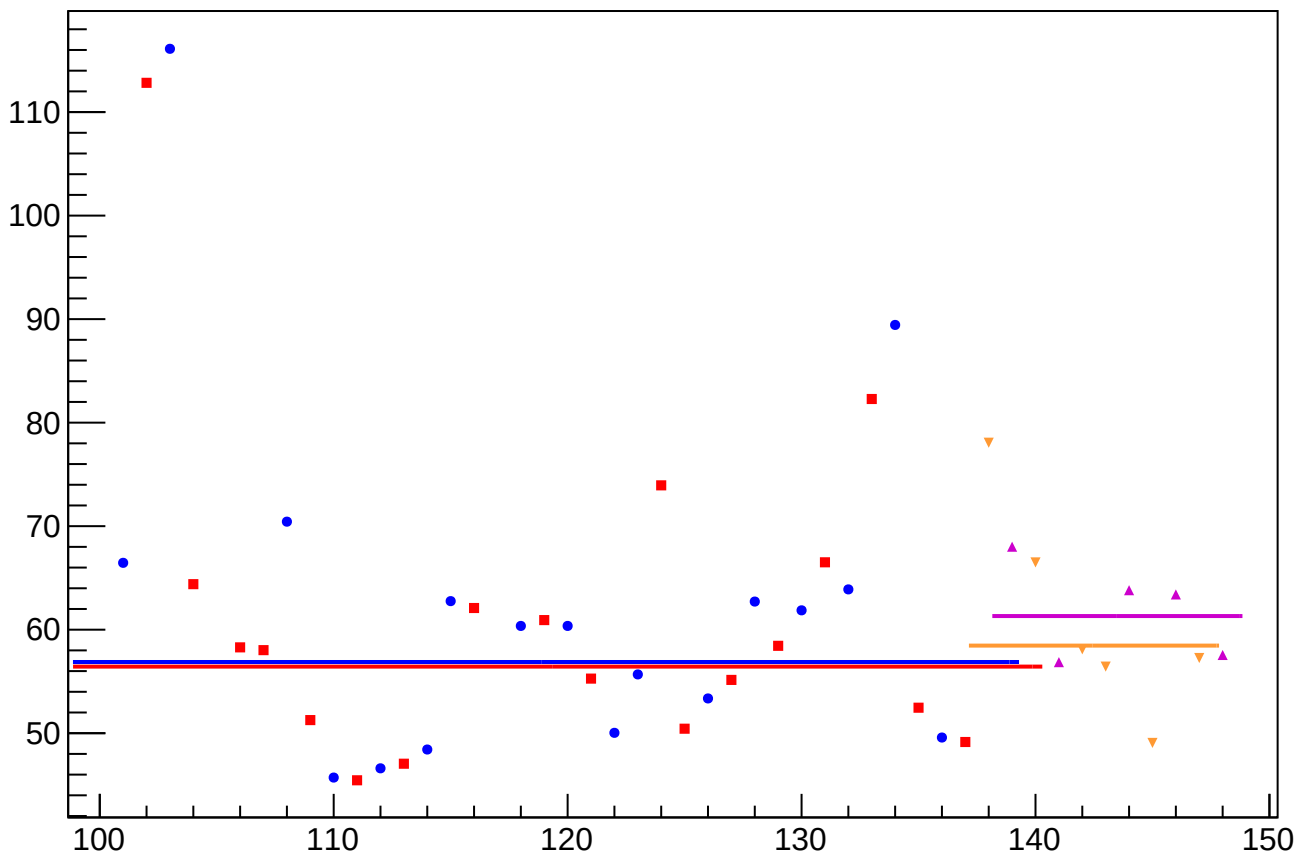
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 28.037 $\pm$ 18.191 χ^2 /NDF: 19.8/21

Out: 57.121 $\pm$ 17.557 χ^2 /NDF: 28.4/23

All: 43.095 $\pm$ 12.633 χ^2 /NDF: 49.5/45

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2/NDF : 575487.1/16

Left Out: 58.463 $\pm$ 0.020 χ^2/NDF : 170297.6/5

Right Out: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

Left In: 61.317 $\pm$ 0.022 χ^2/NDF : 36571.1/4

Left: 59.805 $\pm$ 0.015 χ^2/NDF : 216091.2/10

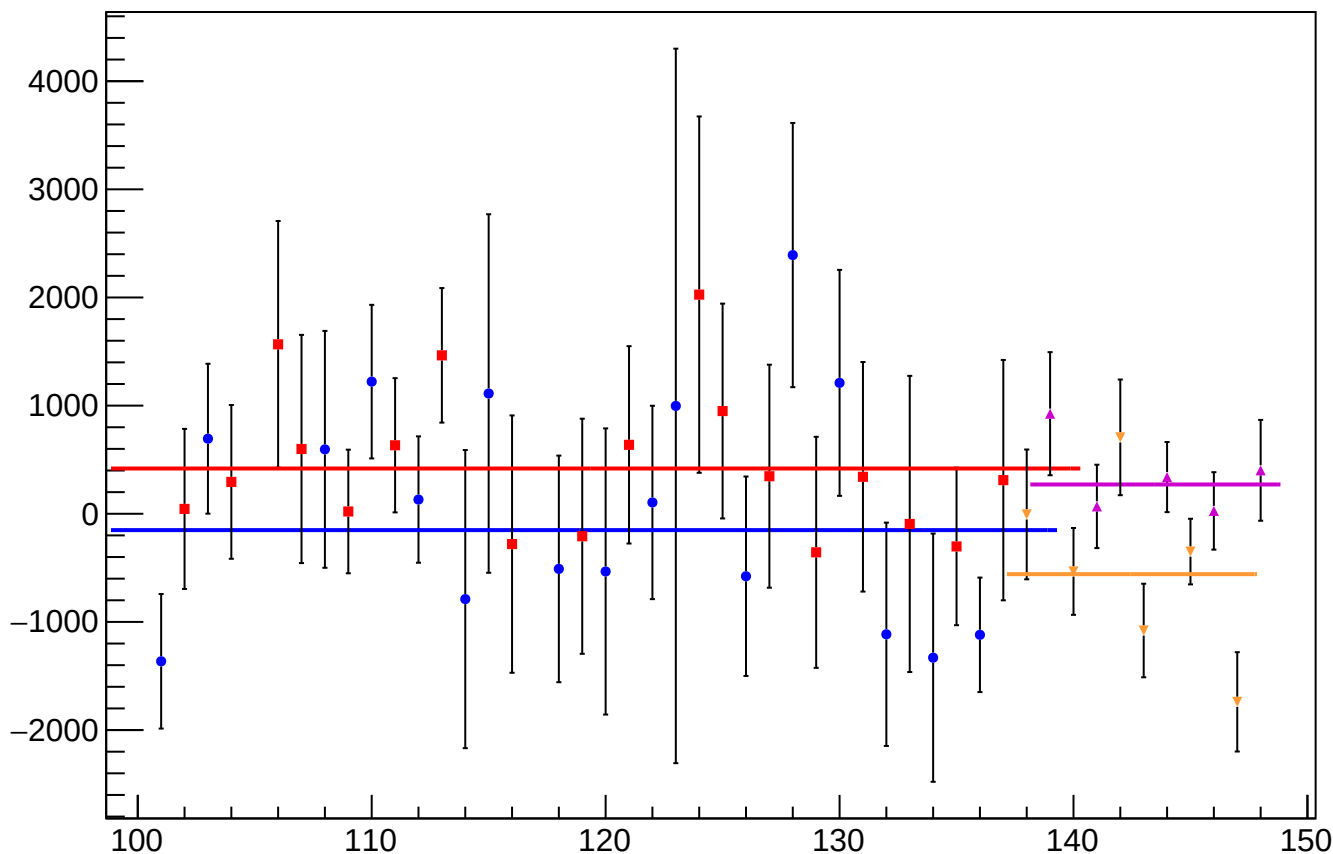
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 58.448 $\pm$ 0.013 χ^2/NDF : 639269.3/21

Out: 57.186 $\pm$ 0.012 χ^2/NDF : 696984.2/23

All: 57.795 $\pm$ 0.009 χ^2/NDF : 1341232.4/45

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -558.356+/-172.967 χ^2/NDF : 15.0/5

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 270.919+/-177.498 χ^2/NDF : 2.2/4

Left: -154.439+/-123.877 χ^2/NDF : 28.4/10

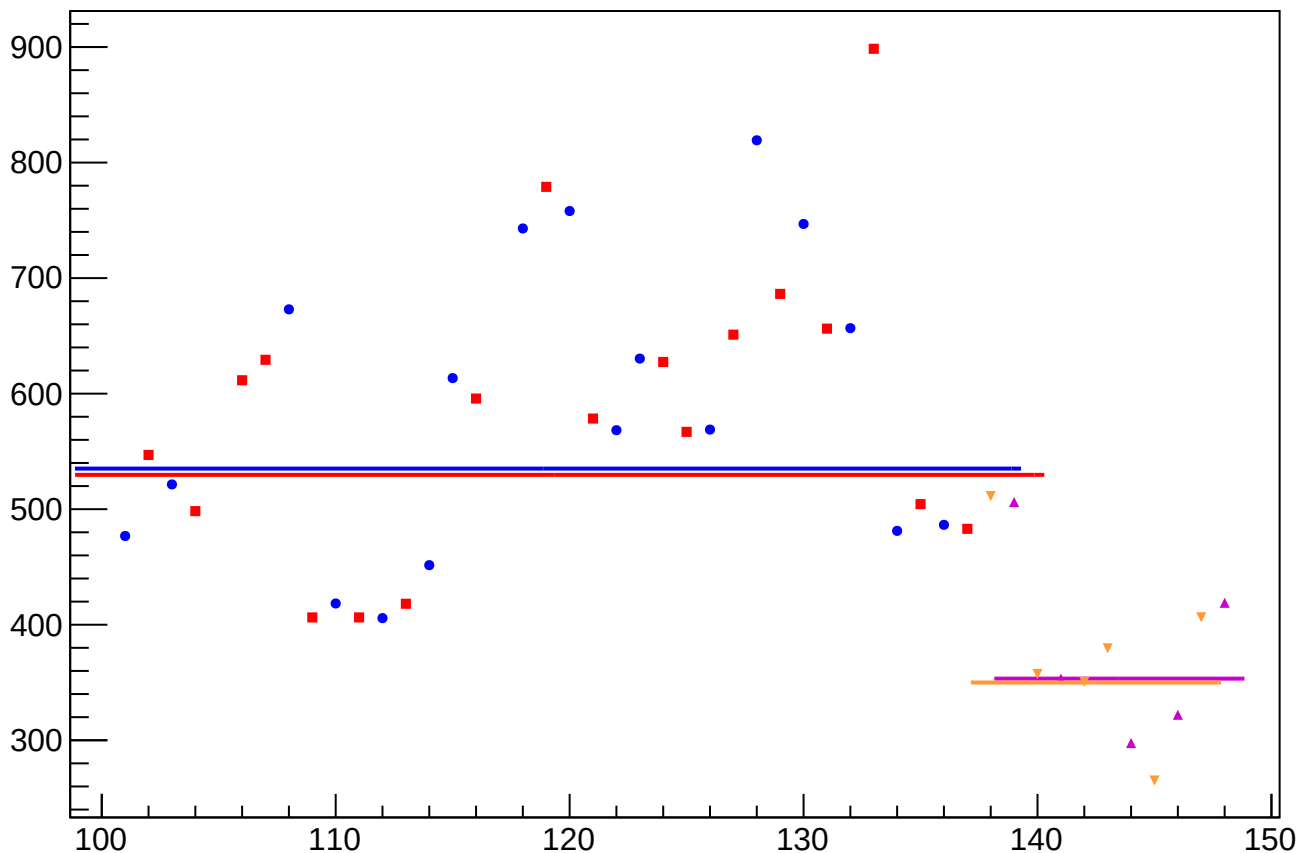
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 97.394+/-136.213 χ^2/NDF : 27.0/21

Out: -152.247+/-132.214 χ^2/NDF : 36.6/23

All: -31.145+/-94.872 χ^2/NDF : 65.3/45

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 349.974 $\pm$ 0.122 χ^2 /NDF: 341331.5/5

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 353.347 $\pm$ 0.126 χ^2 /NDF: 258357.5/4

Left: 351.617 $\pm$ 0.088 χ^2 /NDF: 600059.3/10

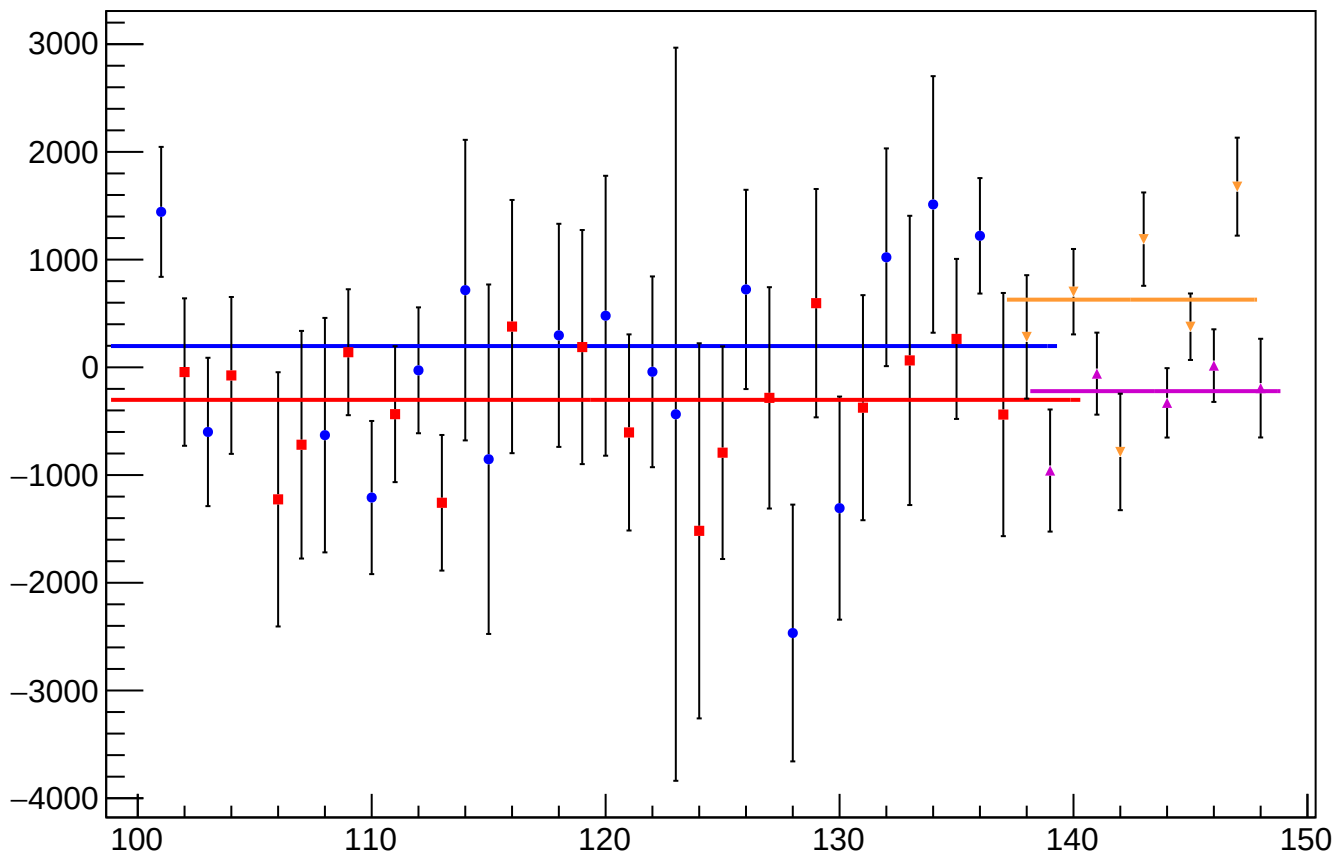
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 428.079 $\pm$ 0.096 χ^2 /NDF: 1716860.8/21

Out: 424.696 $\pm$ 0.093 χ^2 /NDF: 1885915.9/23

All: 426.337 $\pm$ 0.067 χ^2 /NDF: 3603411.9/45

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 628.367+/-172.805 χ^2/NDF : 14.9/5

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: -221.036+/-173.512 χ^2/NDF : 2.5/4

Left: 205.400+/-122.441 χ^2/NDF : 29.4/10

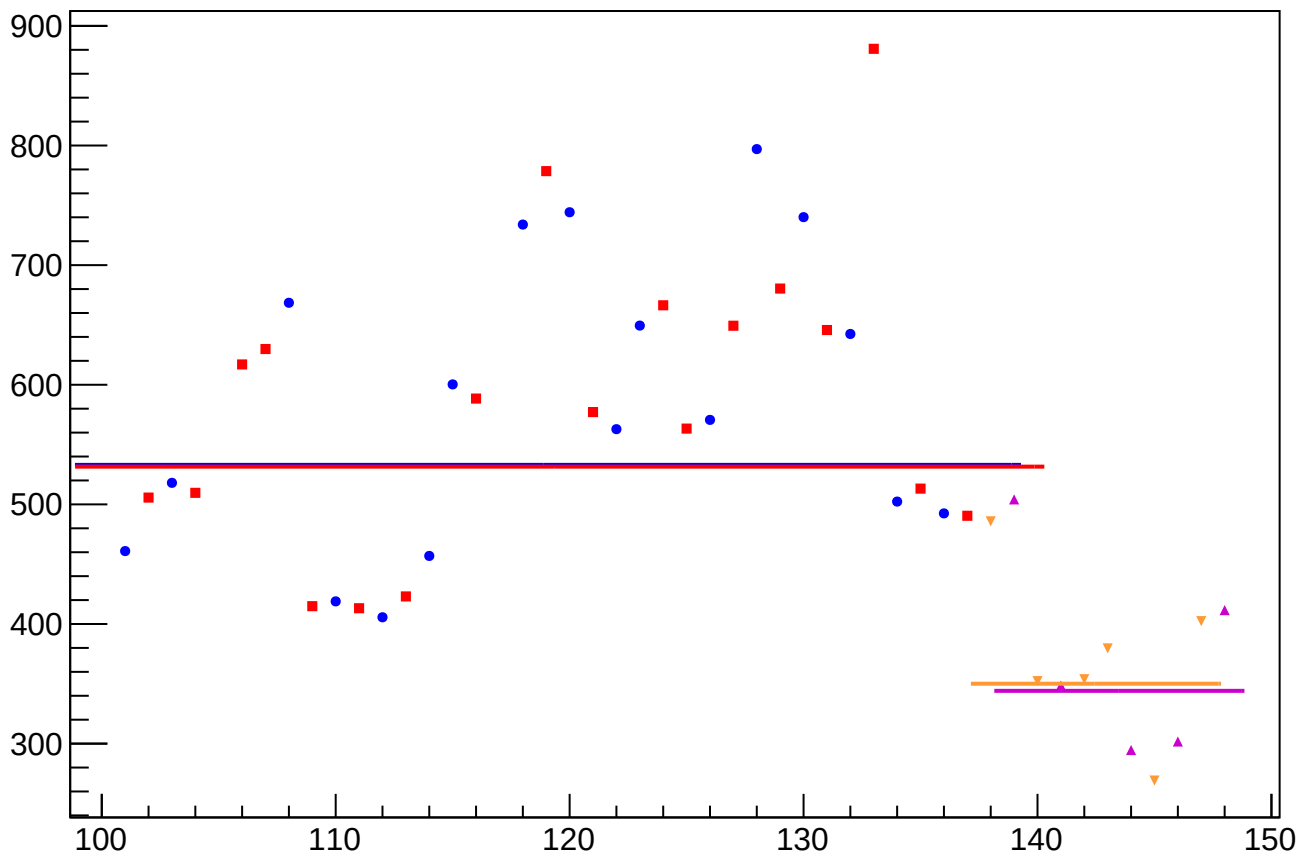
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: -52.621+/-134.141 χ^2/NDF : 28.8/21

Out: 243.492+/-132.312 χ^2/NDF : 33.6/23

All: 97.467+/-94.199 χ^2/NDF : 64.8/45

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 350.085 $\pm$ 0.122 χ^2 /NDF: 285684.2/5

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 344.129 $\pm$ 0.123 χ^2 /NDF: 281851.6/4

Left: 347.119 $\pm$ 0.087 χ^2 /NDF: 568719.1/10

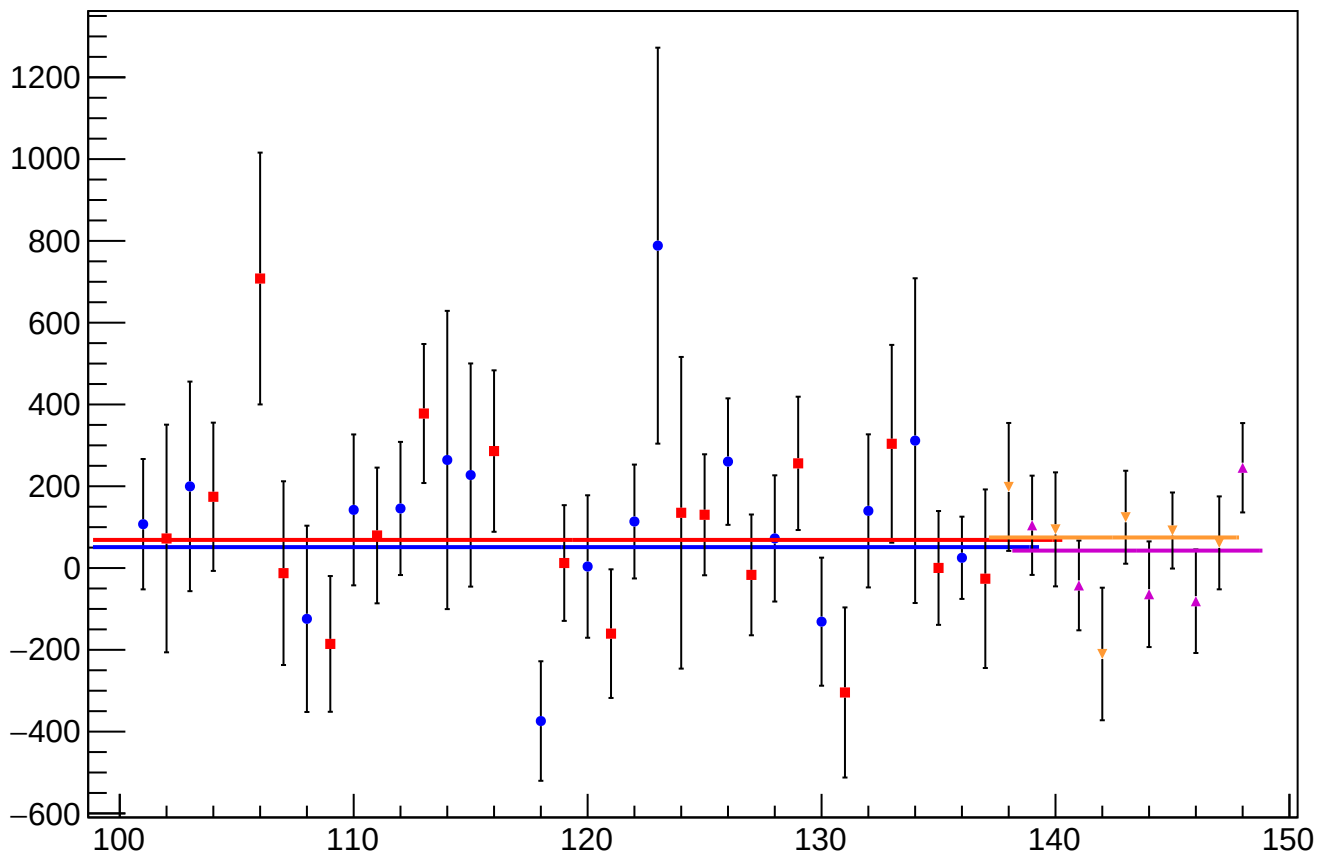
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 420.130 $\pm$ 0.095 χ^2 /NDF: 1802440.8/21

Out: 425.169 $\pm$ 0.094 χ^2 /NDF: 1796200.0/23

All: 422.684 $\pm$ 0.067 χ^2 /NDF: 3600071.3/45

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 74.761+/-49.951 χ^2/NDF : 4.0/5

Right Out: 68.779+/-42.803 χ^2/NDF : 20.4/17

Left In: 42.641+/-52.932 χ^2/NDF : 5.9/4

Left: 59.631+/-36.329 χ^2/NDF : 10.1/10

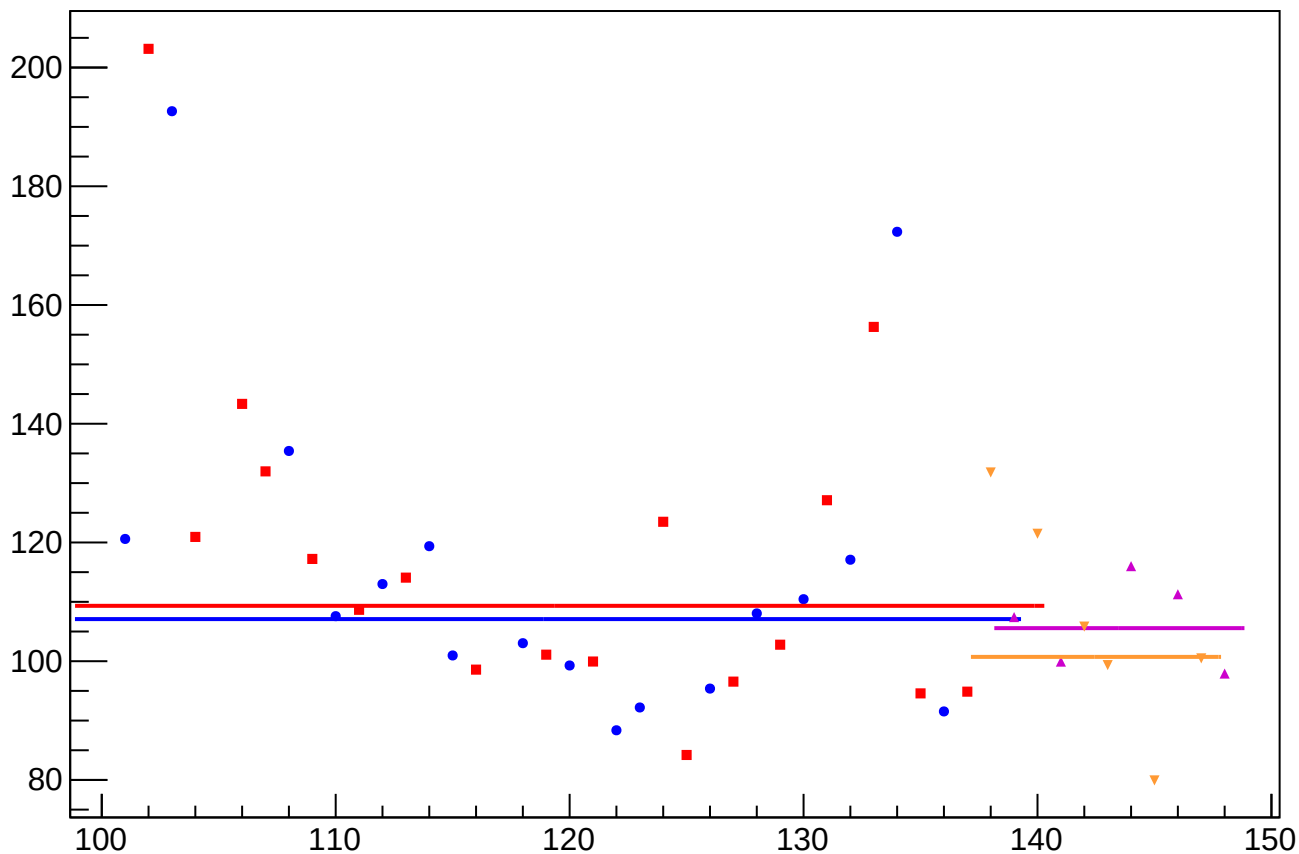
Right: 59.892+/-30.129 χ^2/NDF : 37.8/34

In: 47.832+/-33.100 χ^2/NDF : 23.3/21

Out: 71.311+/-32.503 χ^2/NDF : 24.4/23

All: 59.786+/-23.191 χ^2/NDF : 47.9/45

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 100.728 $\pm$ 0.035 χ^2 /NDF:225533.7/5

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 105.569 $\pm$ 0.037 χ^2 /NDF:32685.6/4

Left: 103.009 $\pm$ 0.026 χ^2 /NDF: 267069.8/10

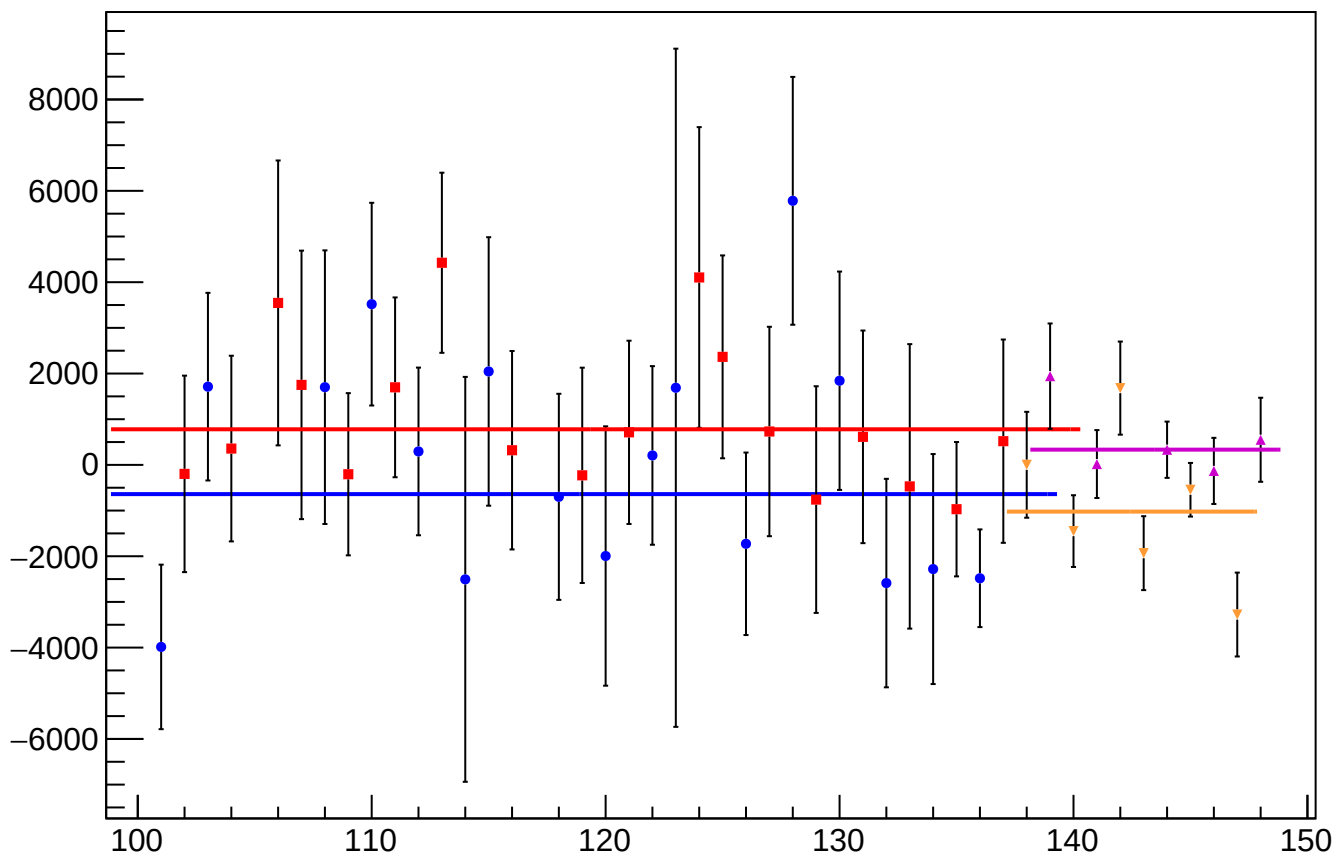
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 106.498 $\pm$ 0.023 χ^2 /NDF:471451.0/21

Out: 105.687 $\pm$ 0.023 χ^2 /NDF:765750.6/23

All: 106.085 $\pm$ 0.016 χ^2 /NDF: 1237811.6/45

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1022.909 ± 334.399 $\chi^2/\text{NDF}: 16.1/5$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 333.983 ± 347.365 $\chi^2/\text{NDF}: 2.6/4$

Left: -370.260 ± 240.909 $\chi^2/\text{NDF}: 26.6/10$

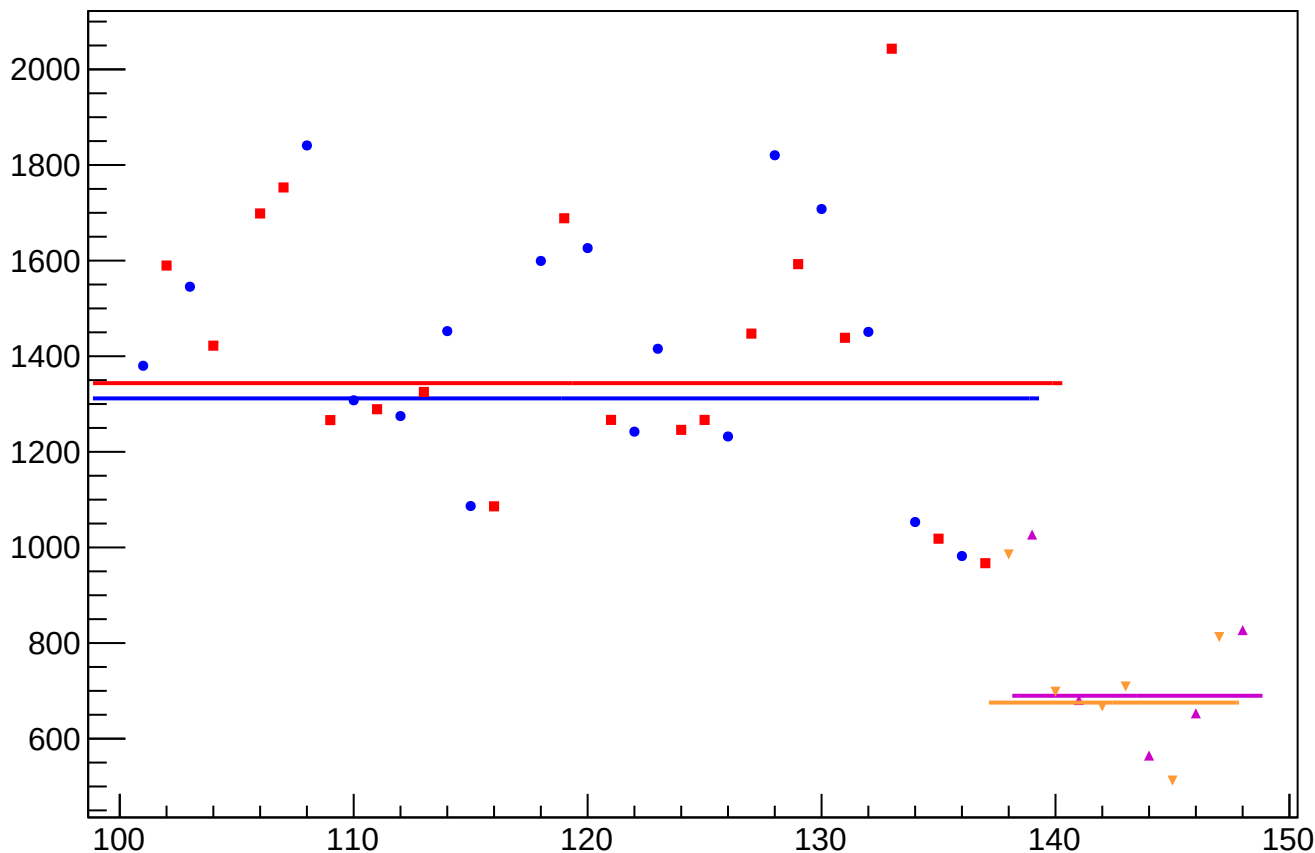
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 32.905 ± 288.717 $\chi^2/\text{NDF}: 26.8/21$

Out: -490.488 ± 280.695 $\chi^2/\text{NDF}: 33.5/23$

All: -236.163 ± 201.258 $\chi^2/\text{NDF}: 62.0/45$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 675.509 $\pm$ 0.236 χ^2 /NDF: 347171.2/5

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 689.762 $\pm$ 0.246 χ^2 /NDF: 303600.0/4

Left: 682.364 $\pm$ 0.170 χ^2 /NDF: 652519.1/10

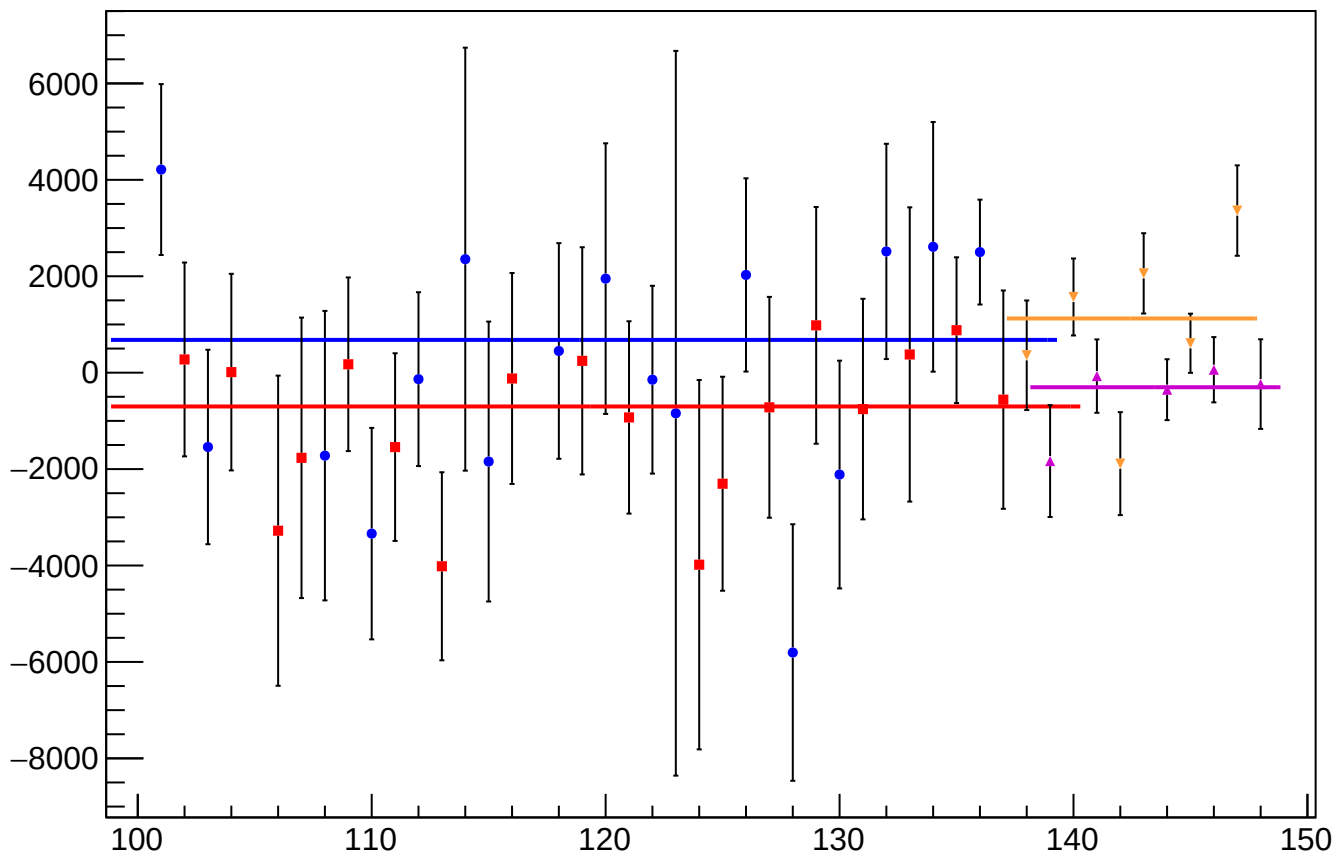
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 882.075 $\pm$ 0.204 χ^2 /NDF: 2799075.6/21

Out: 872.881 $\pm$ 0.198 χ^2 /NDF: 3166827.6/23

All: 877.349 $\pm$ 0.142 χ^2 /NDF: 5966945.8/45

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1124.220+/-343.871 χ^2/NDF :16.4/5

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -301.892+/-346.777 χ^2/NDF :2.1/4

Left: 417.163+/-244.175 χ^2/NDF : 27.0/10

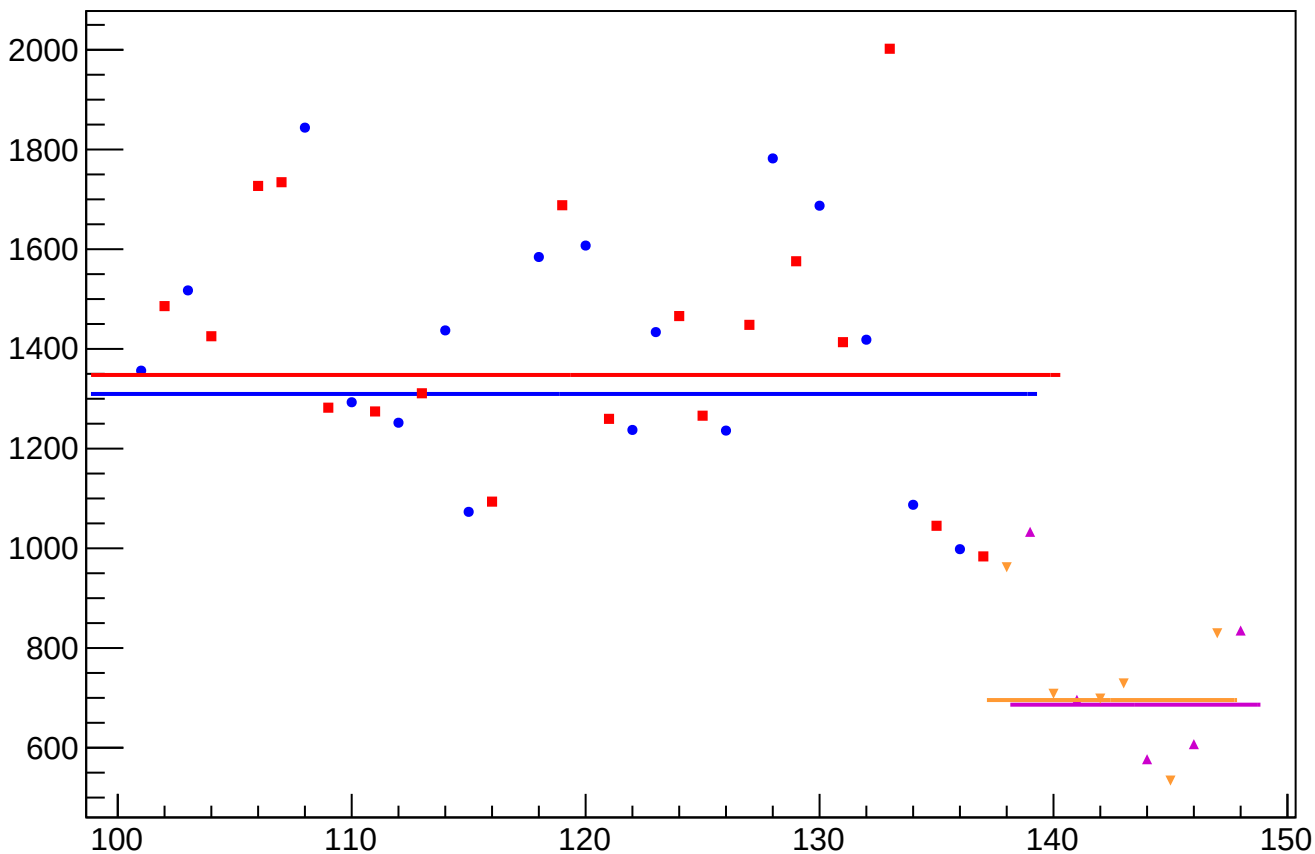
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 2.352+/-288.080 χ^2/NDF :27.2/21

Out: 564.909+/-286.376 χ^2/NDF :32.6/23

All: 285.300+/-203.098 χ^2/NDF : 61.7/45

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 ± 0.366 $\chi^2/\text{NDF}: 459314.8/16$

Left Out: 695.638 ± 0.243 $\chi^2/\text{NDF}: 293028.8/5$

Right Out: 1347.768 ± 0.366 $\chi^2/\text{NDF}: 405345.0/17$

Left In: 686.345 ± 0.245 $\chi^2/\text{NDF}: 317675.3/4$

Left: 691.030 ± 0.173 $\chi^2/\text{NDF}: 611428.2/10$

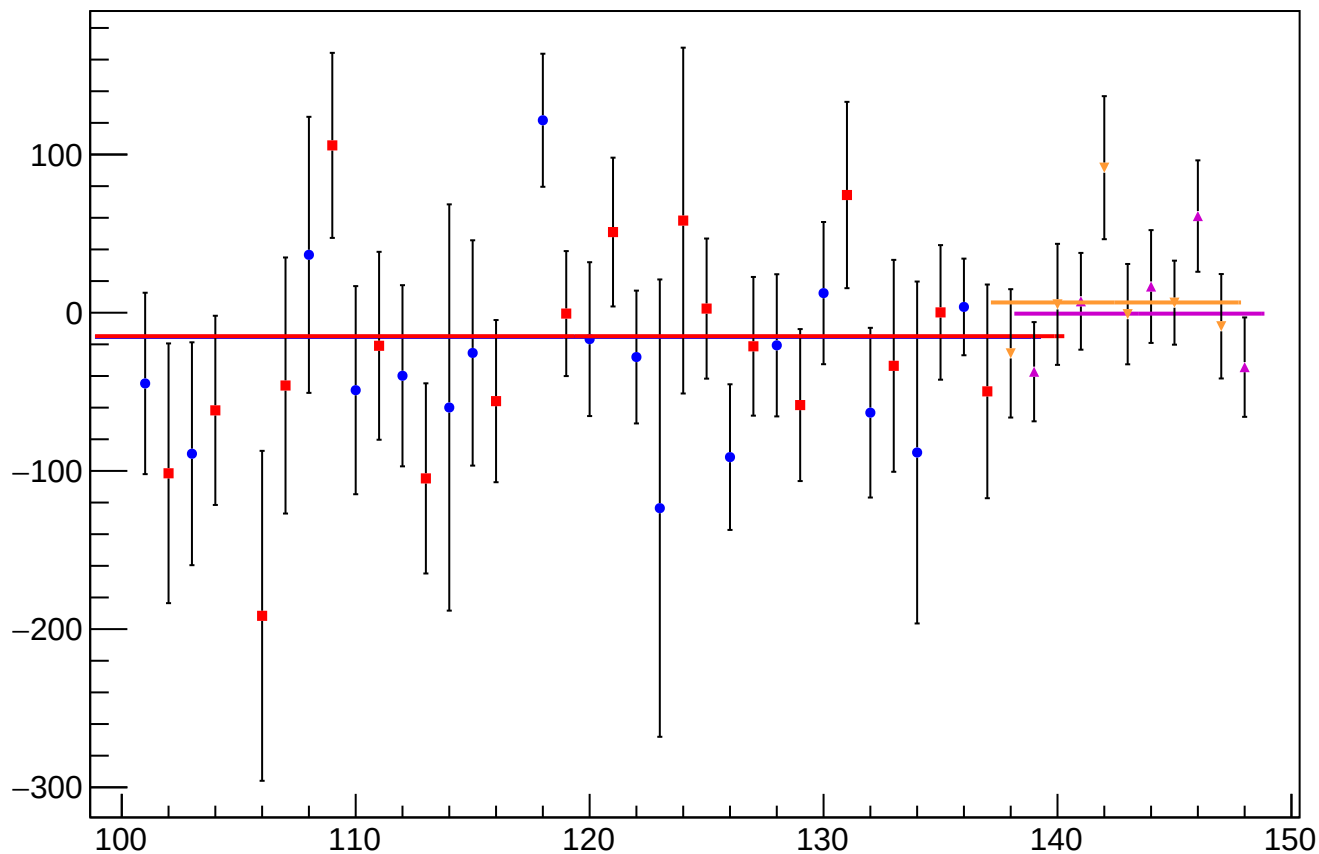
Right: 1328.718 ± 0.259 $\chi^2/\text{NDF}: 870085.9/34$

In: 879.495 ± 0.204 $\chi^2/\text{NDF}: 2779286.0/21$

Out: 895.480 ± 0.202 $\chi^2/\text{NDF}: 2902624.1/23$

All: 887.535 ± 0.144 $\chi^2/\text{NDF}: 5685007.4/45$

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 6.480 ± 13.989 χ^2/NDF : 4.4/5

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.590 ± 14.599 χ^2/NDF : 5.9/4

Left: 3.095 ± 10.101 χ^2/NDF : 10.5/10

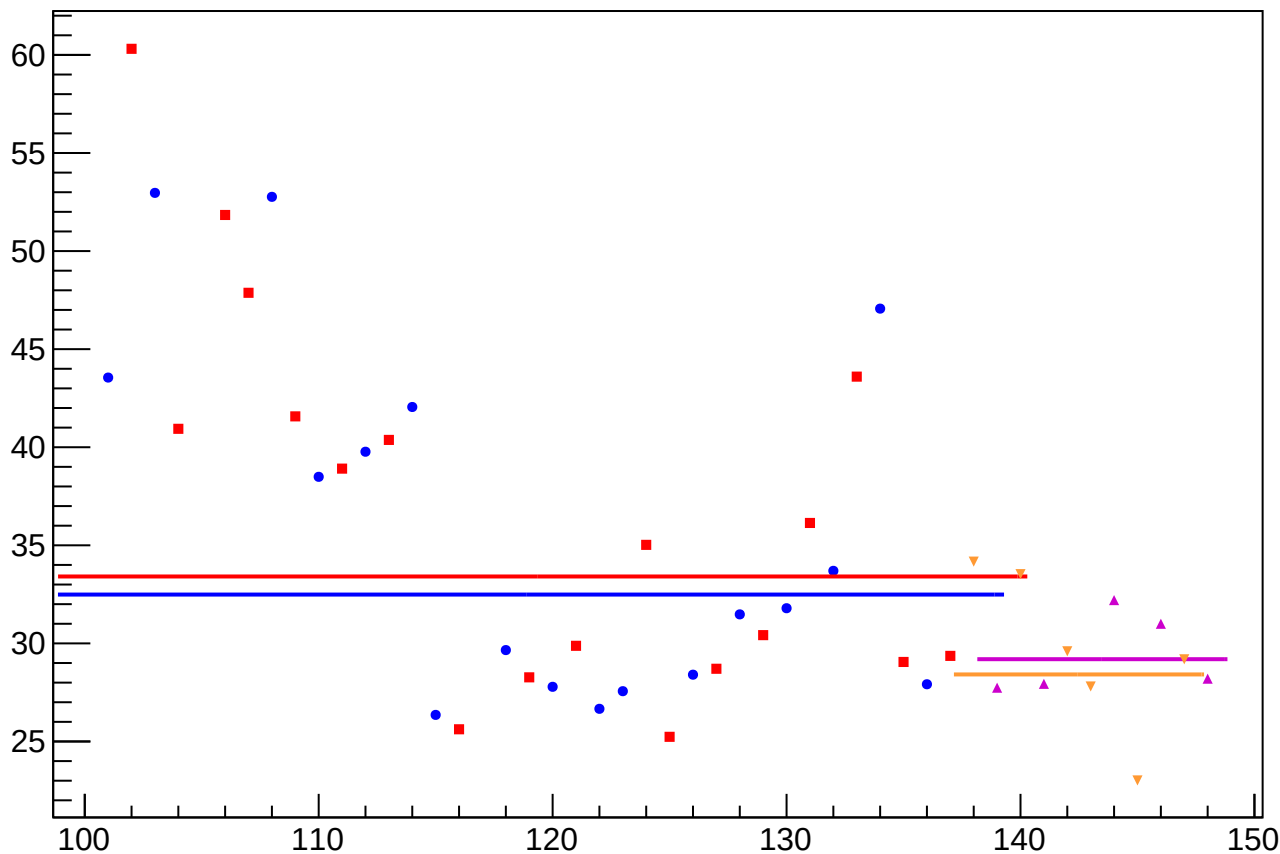
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -8.836 ± 9.670 χ^2/NDF : 24.8/21

Out: -4.880 ± 9.561 χ^2/NDF : 23.9/23

All: -6.836 ± 6.799 χ^2/NDF : 48.7/45

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 28.417+/-0.010 χ^2/NDF : 161927.2/5

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 29.195+/-0.010 χ^2/NDF : 29201.2/4

Left: 28.789+/-0.007 χ^2/NDF : 194085.8/10

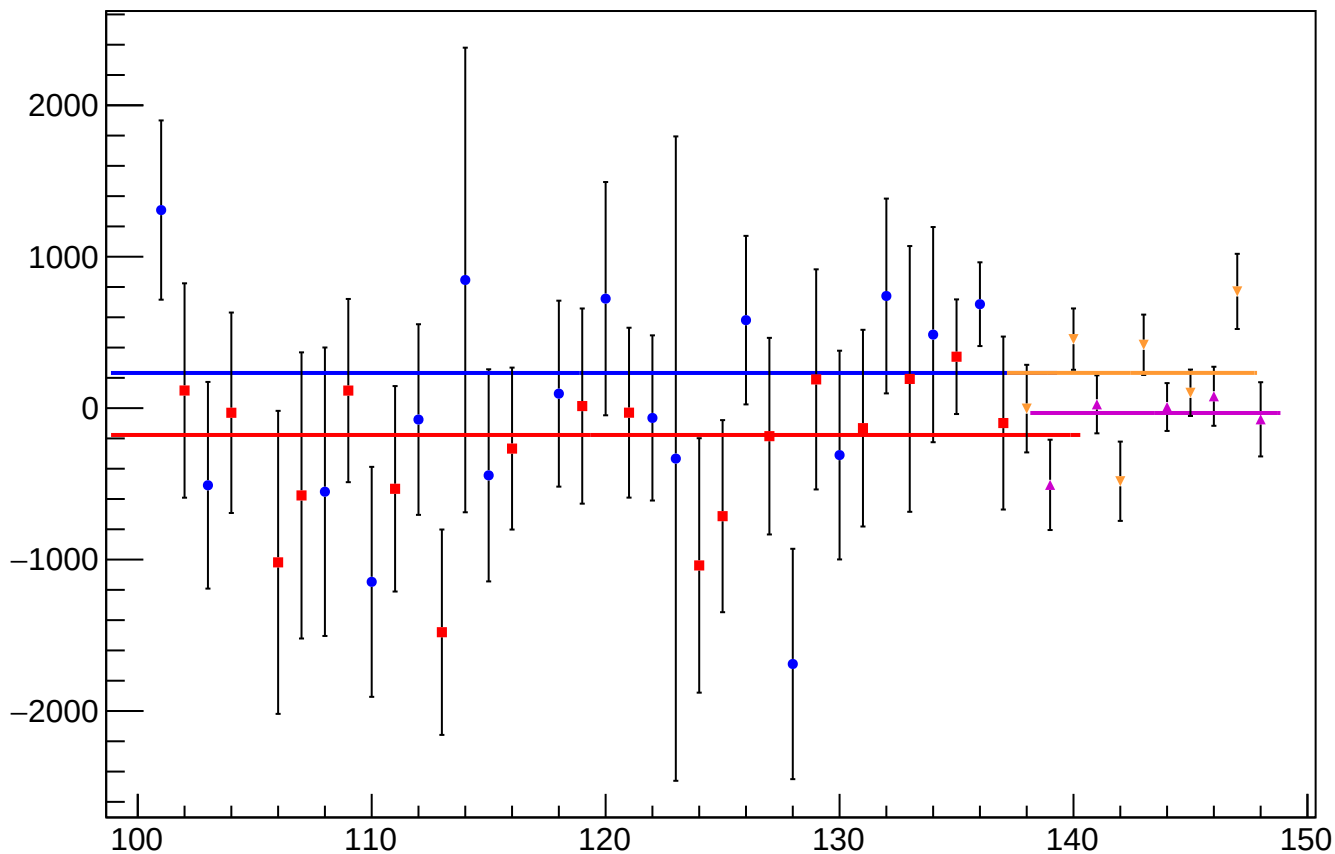
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 31.044+/-0.007 χ^2/NDF : 680845.1/21

Out: 31.078+/-0.007 χ^2/NDF : 1022941.6/23

All: 31.061+/-0.005 χ^2/NDF : 1703799.6/45

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 232.755 $\pm$ 86.085 χ^2 /NDF:15.7/5

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -31.960 $\pm$ 90.717 χ^2 /NDF:3.0/4

Left: 107.327 $\pm$ 62.445 χ^2 /NDF: 23.2/10

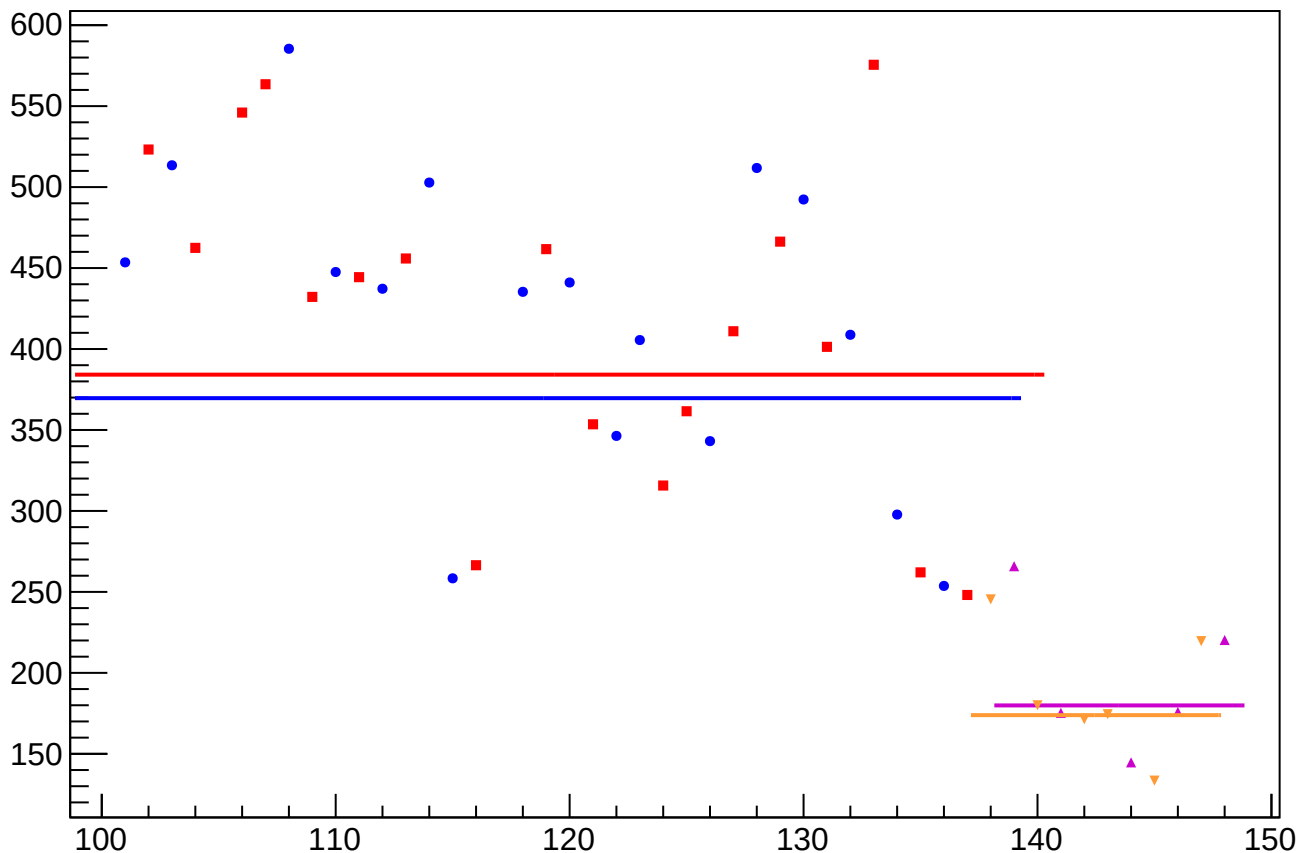
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 39.790 $\pm$ 77.430 χ^2 /NDF:26.8/21

Out: 131.199 $\pm$ 74.664 χ^2 /NDF:30.8/23

All: 87.157 $\pm$ 53.747 χ^2 /NDF: 58.4/45

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 173.891 $\pm$ 0.061 χ^2 /NDF:331310.5/5

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 179.900 $\pm$ 0.064 χ^2 /NDF:321630.9/4

Left: 176.738 $\pm$ 0.044 χ^2 /NDF: 657559.3/10

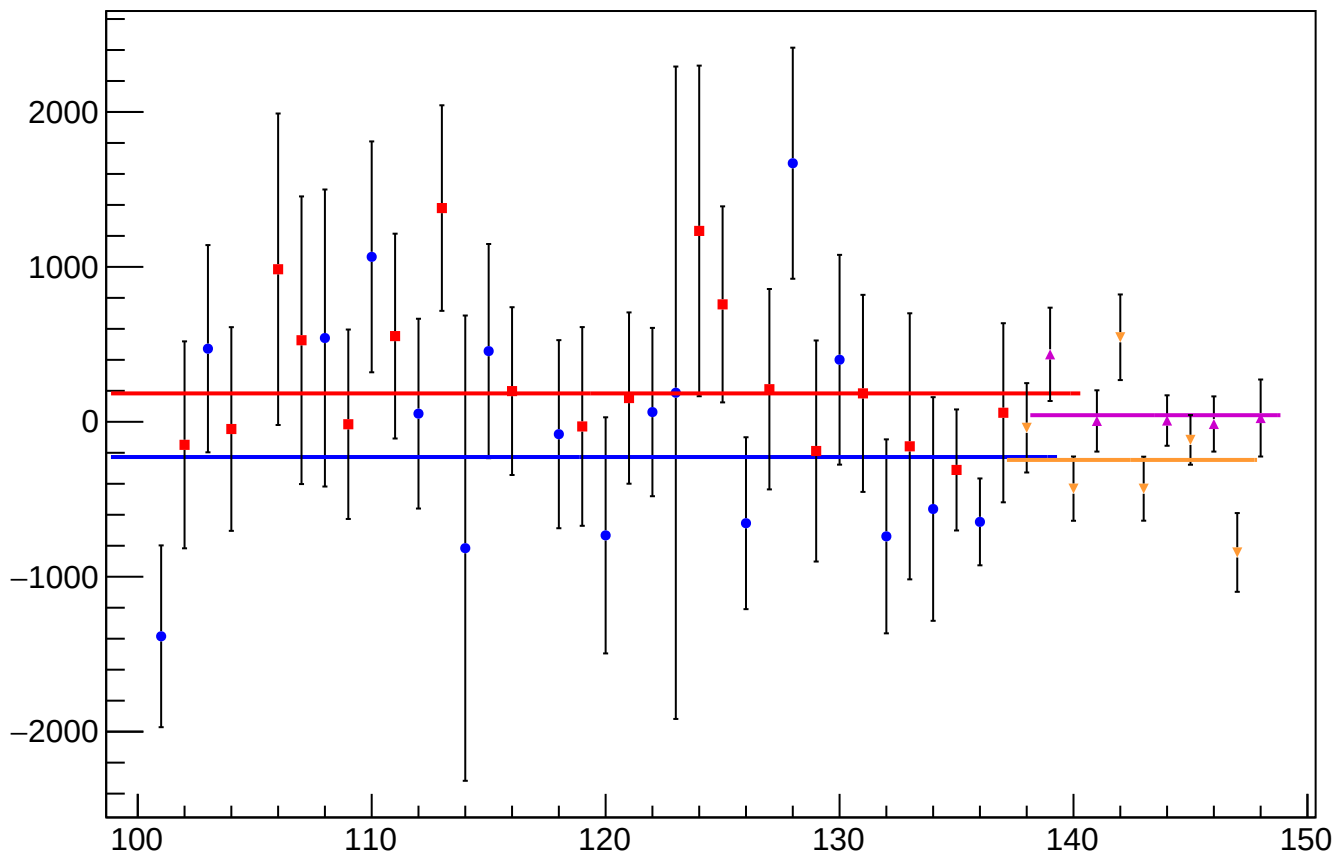
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 231.414 $\pm$ 0.055 χ^2 /NDF:3599888.8/21

Out: 225.989 $\pm$ 0.053 χ^2 /NDF:4162868.9/23

All: 228.602 $\pm$ 0.038 χ^2 /NDF: 7767845.3/45

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -246.056 ± 89.036 $\chi^2/\text{NDF}: 16.5/5$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 42.702 ± 90.554 $\chi^2/\text{NDF}: 1.9/4$

Left: -104.118 ± 63.488 $\chi^2/\text{NDF}: 23.6/10$

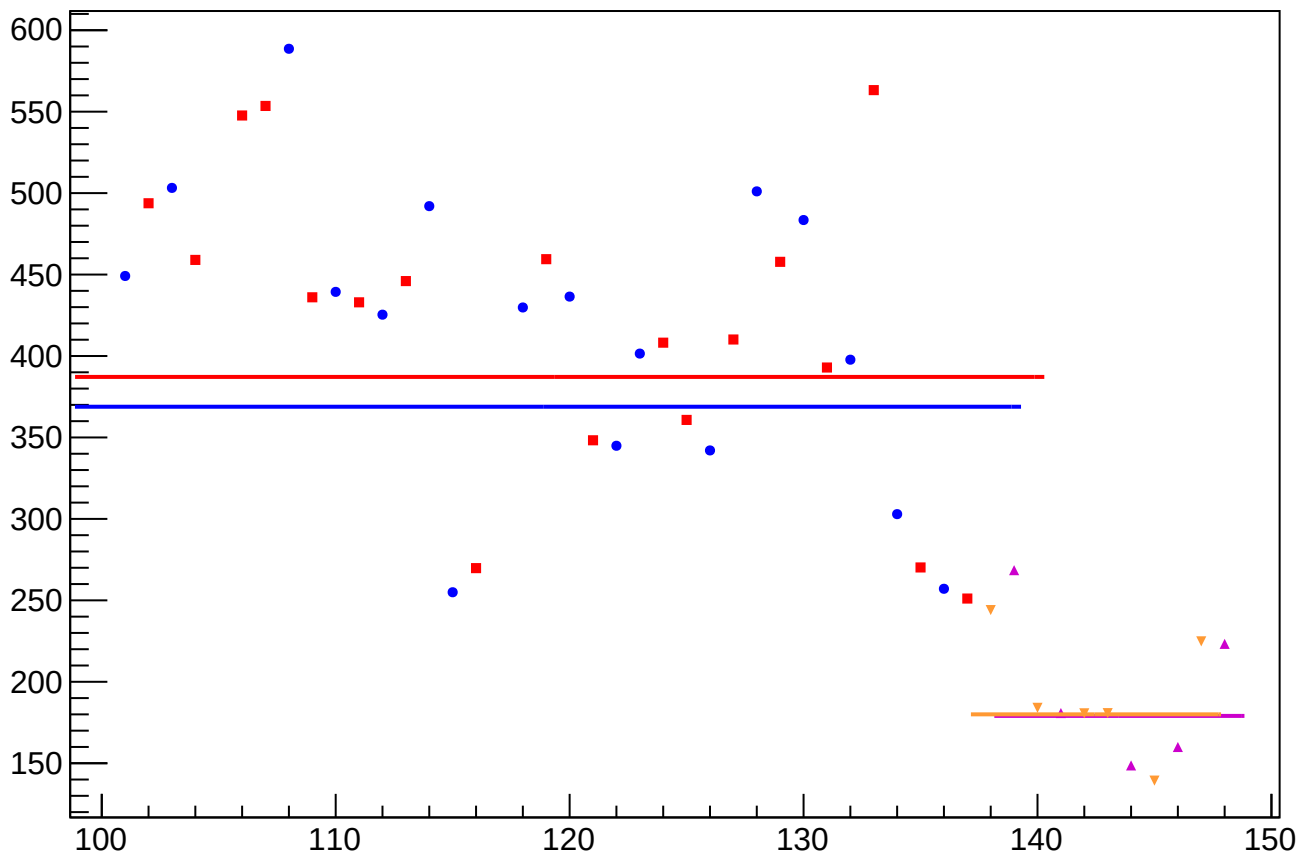
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -30.894 ± 77.232 $\chi^2/\text{NDF}: 26.1/21$

Out: -134.724 ± 76.628 $\chi^2/\text{NDF}: 31.3/23$

All: -83.216 ± 54.396 $\chi^2/\text{NDF}: 58.4/45$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 180.016 $\pm$ 0.063 χ^2/NDF : 290129.5/5

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 179.062 $\pm$ 0.064 χ^2/NDF : 332513.8/4

Left: 179.547 $\pm$ 0.045 χ^2/NDF : 622756.1/10

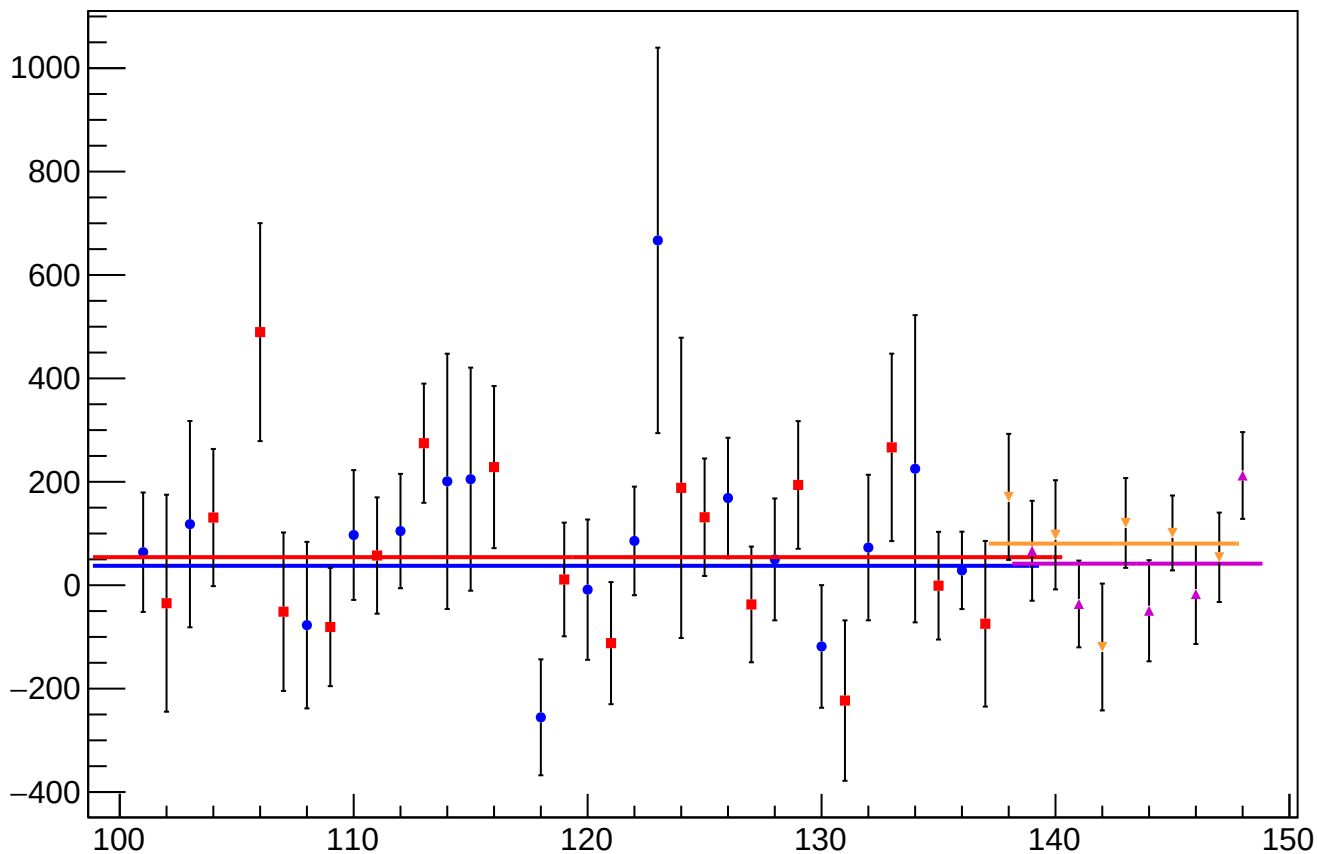
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 230.801 $\pm$ 0.055 χ^2/NDF : 3557410.5/21

Out: 233.727 $\pm$ 0.054 χ^2/NDF : 3855285.6/23

All: 232.276 $\pm$ 0.038 χ^2/NDF : 7414142.9/45

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 80.502 $\pm$ 38.328 χ^2 /NDF: 3.6/5

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 41.702 $\pm$ 40.732 χ^2 /NDF: 6.3/4

Left: 62.281 $\pm$ 27.913 χ^2 /NDF: 10.4/10

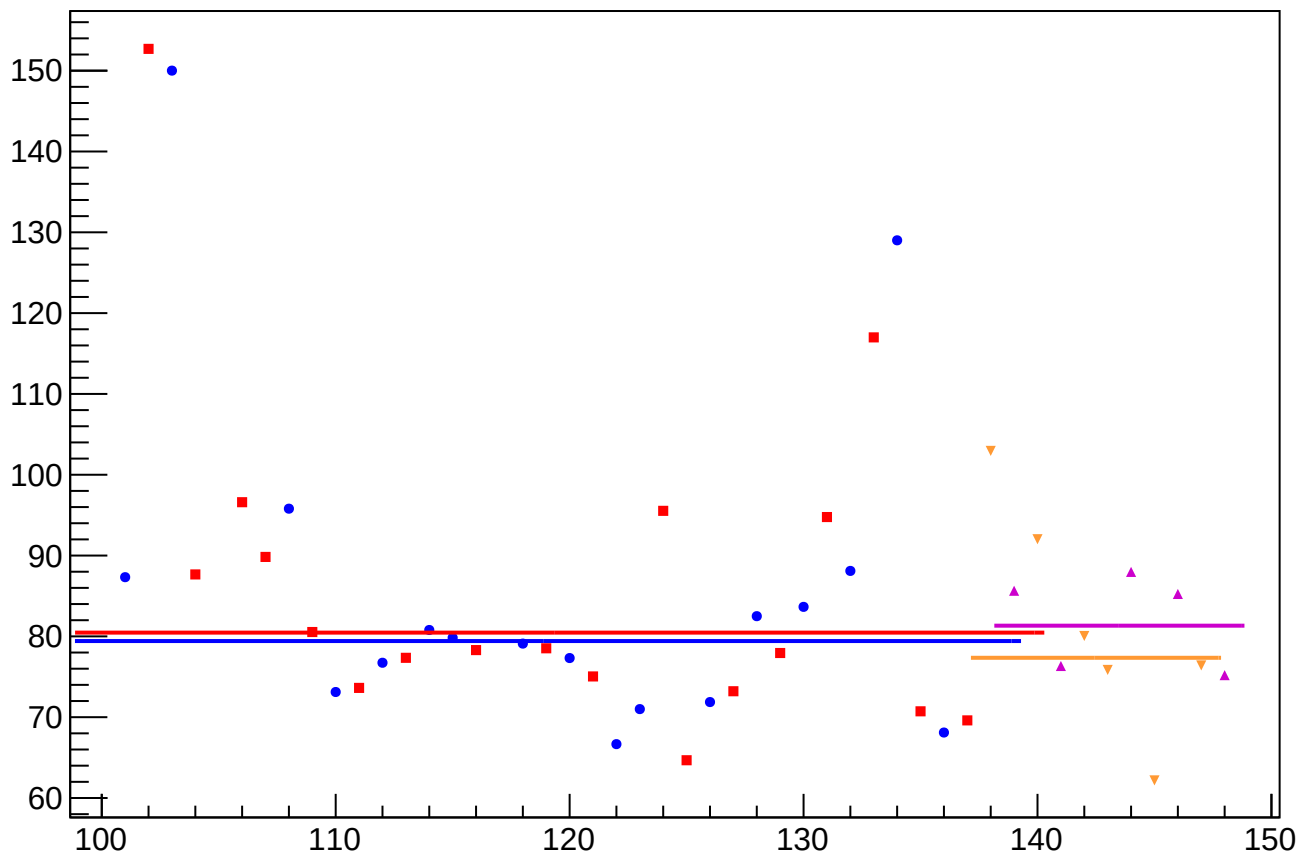
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 39.092 $\pm$ 24.898 χ^2 /NDF: 22.1/21

Out: 64.843 $\pm$ 24.331 χ^2 /NDF: 25.7/23

All: 52.264 $\pm$ 17.402 χ^2 /NDF: 48.4/45

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 77.350 $\pm$ 0.027 χ^2 /NDF:216462.0/5

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 81.324 $\pm$ 0.029 χ^2 /NDF:34276.4/4

Left: 79.216 $\pm$ 0.020 χ^2 /NDF: 260833.7/10

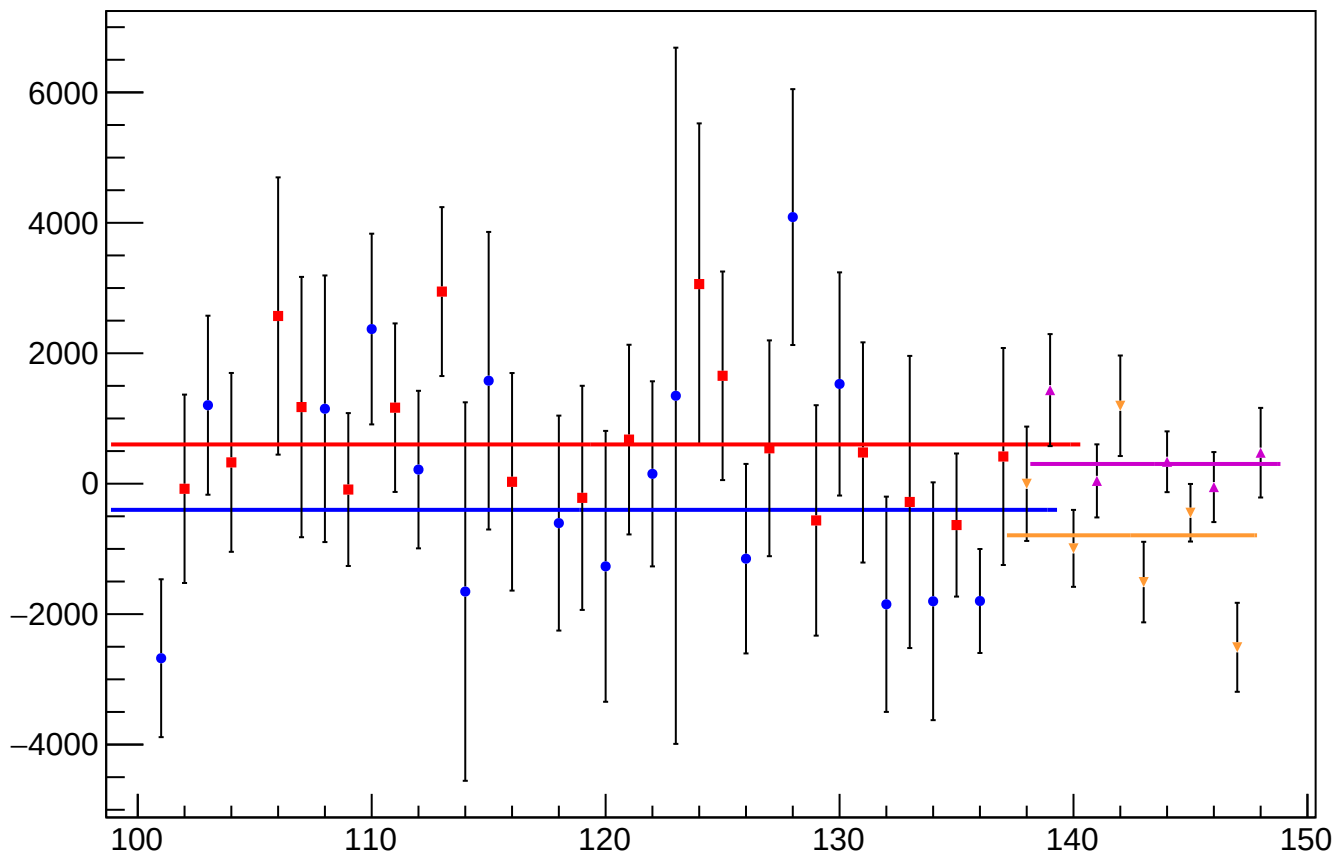
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 80.132 $\pm$ 0.018 χ^2 /NDF:476056.7/21

Out: 79.210 $\pm$ 0.017 χ^2 /NDF:678725.2/23

All: 79.661 $\pm$ 0.012 χ^2 /NDF: 1156185.2/45

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -791.344+/-251.898 χ^2/NDF :15.9/5

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 302.570+/-260.540 χ^2/NDF :2.5/4

Left: -262.832+/-181.097 χ^2/NDF : 27.4/10

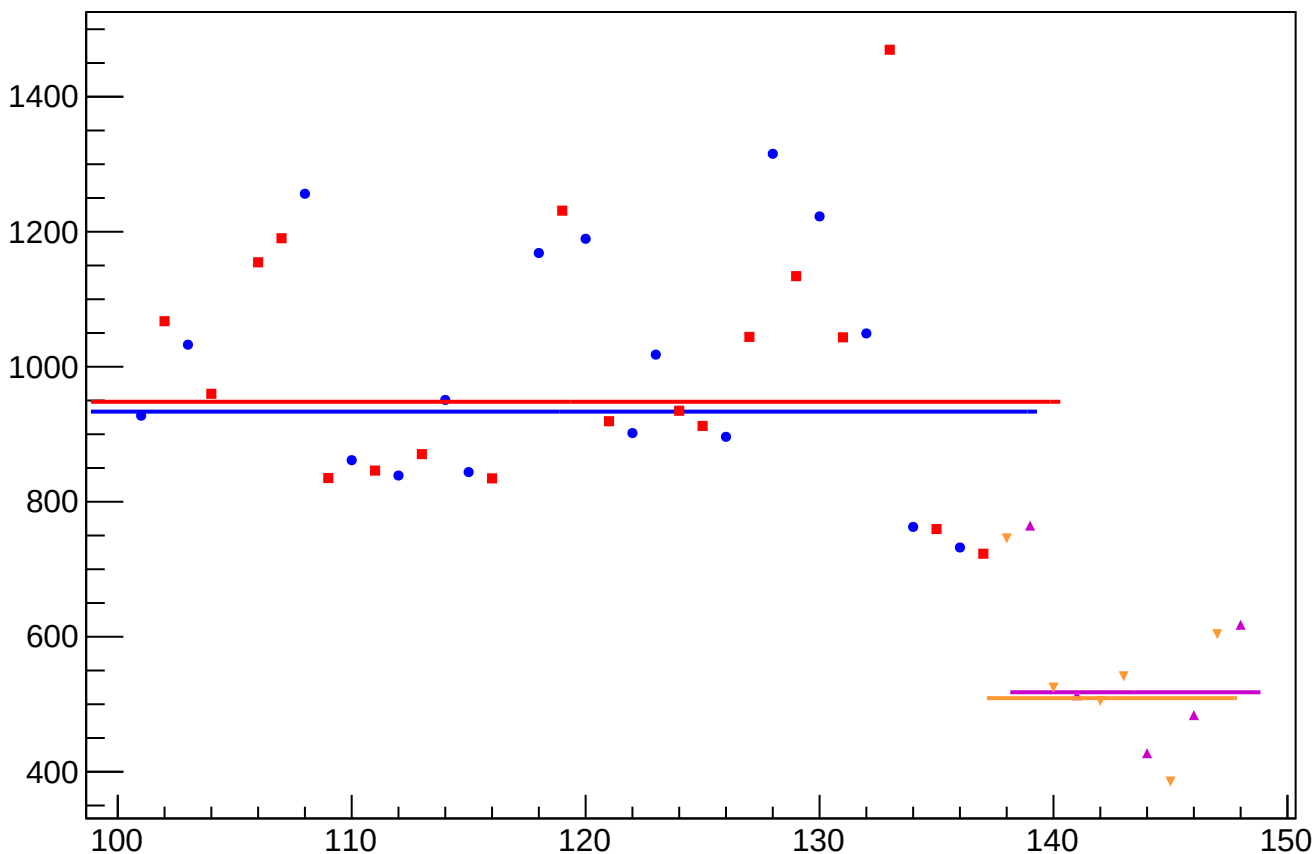
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 68.048+/-212.734 χ^2/NDF :26.8/21

Out: -339.627+/-207.074 χ^2/NDF :34.5/23

All: -141.285+/-148.384 χ^2/NDF : 63.2/45

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 509.047 $\pm$ 0.178 χ^2 /NDF:348074.5/5

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 517.765 $\pm$ 0.184 χ^2 /NDF:290686.0/4

Left: 513.259 $\pm$ 0.128 χ^2 /NDF: 639918.1/10

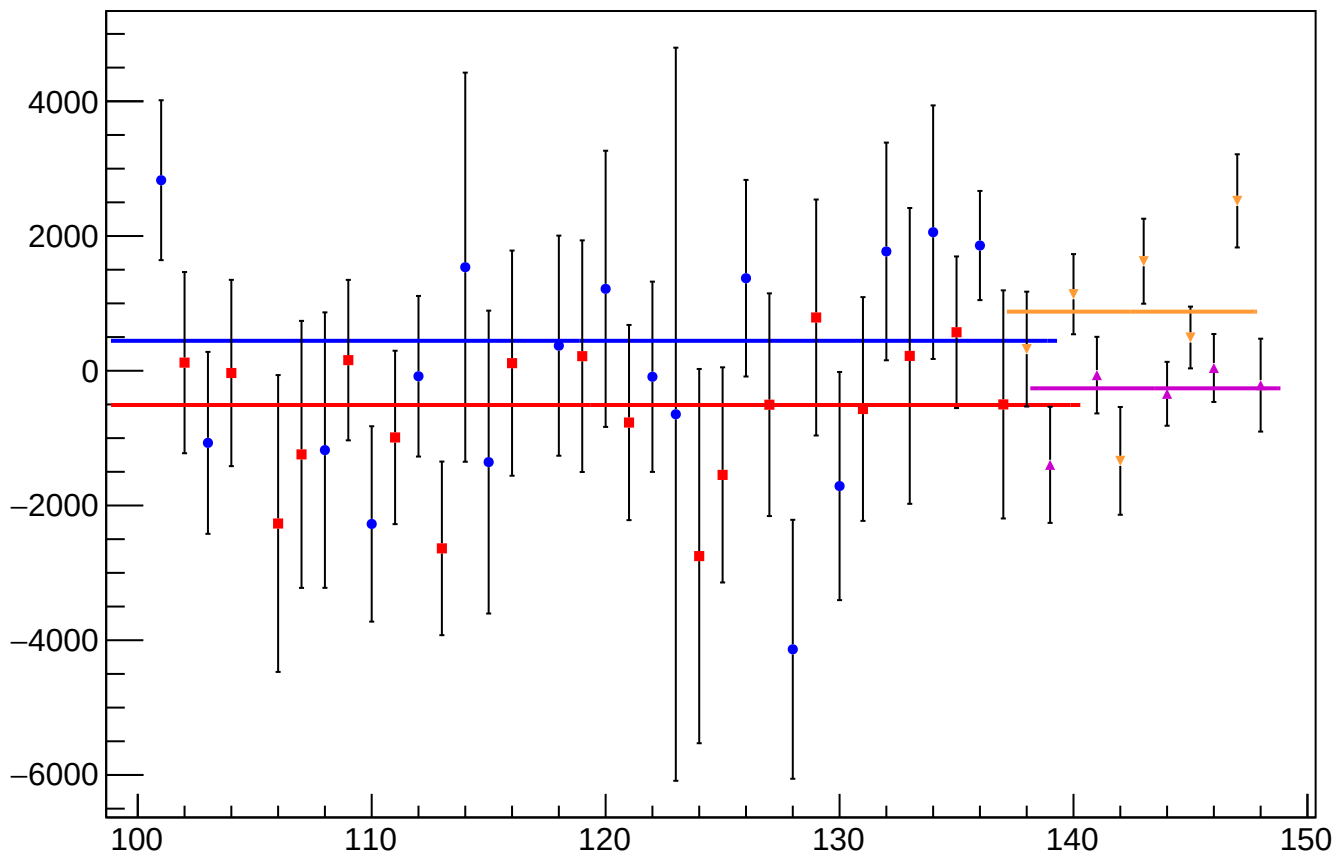
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 656.344 $\pm$ 0.150 χ^2 /NDF:2430557.6/21

Out: 651.408 $\pm$ 0.146 χ^2 /NDF:2723476.8/23

All: 653.809 $\pm$ 0.105 χ^2 /NDF: 5154587.2/45

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 877.290 $\pm$ 257.142 χ^2 /NDF:16.0/5

Right Out: -508.221 $\pm$ 364.112 χ^2 /NDF: 7.3/17

Left In: -260.579 $\pm$ 258.833 χ^2 /NDF:2.2/4

Left: 312.086 $\pm$ 182.422 χ^2 /NDF: 28.0/10

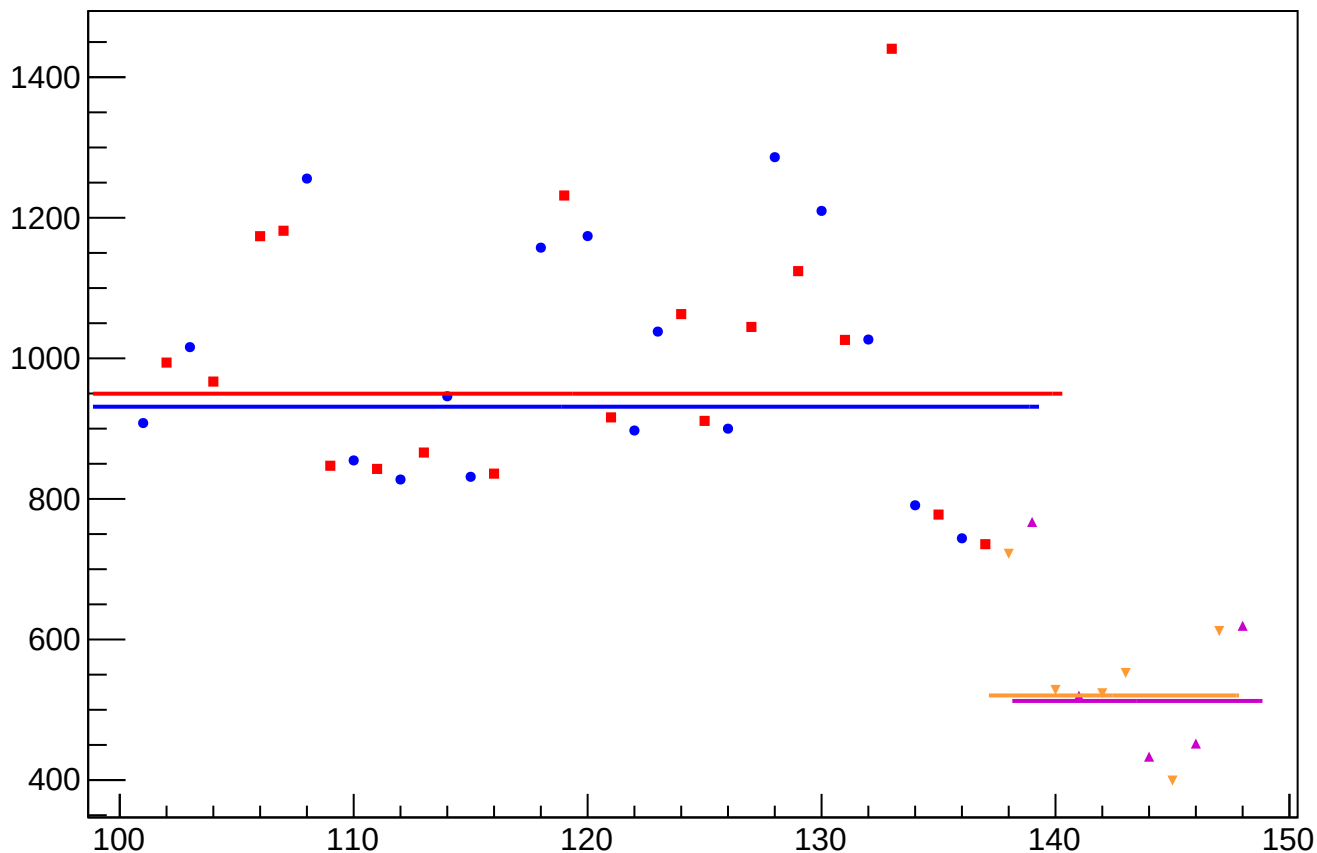
Right: -35.668 $\pm$ 258.516 χ^2 /NDF: 33.6/34

In: -26.396 $\pm$ 211.538 χ^2 /NDF:27.6/21

Out: 416.229 $\pm$ 210.043 χ^2 /NDF:33.0/23

All: 196.486 $\pm$ 149.049 χ^2 /NDF: 62.8/45

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 ± 0.260 χ^2/NDF : 400242.2/16

Left Out: 520.391 ± 0.182 χ^2/NDF : 292007.2/5

Right Out: 949.740 ± 0.257 χ^2/NDF : 365550.8/17

Left In: 512.590 ± 0.183 χ^2/NDF : 307861.5/4

Left: 516.516 ± 0.129 χ^2/NDF : 600783.0/10

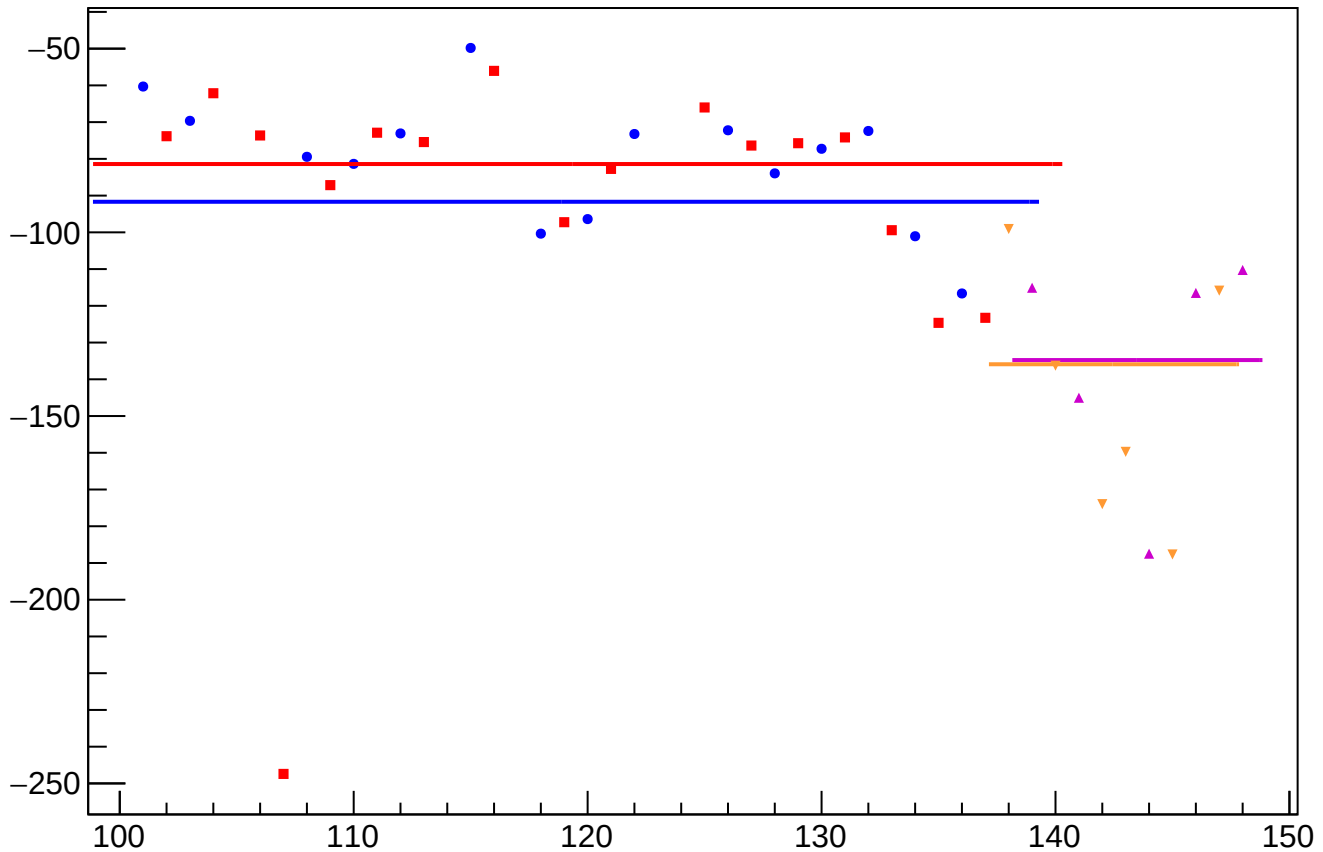
Right: 940.547 ± 0.183 χ^2/NDF : 768363.9/34

In: 651.593 ± 0.150 χ^2/NDF : 2445216.1/21

Out: 663.267 ± 0.149 χ^2/NDF : 2513034.9/23

All: 657.471 ± 0.105 χ^2/NDF : 4961317.8/45

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679±/0.070 χ^2/NDF : 64621.9/14

Left Out: -135.907±/0.197 χ^2/NDF :12415.1/5

Right Out: -81.406±/0.098 χ^2/NDF : 41708.8/16

Left In: -134.764±/0.128 χ^2/NDF :25163.6/4

Left: -135.101±/0.107 χ^2/NDF : 37602.3/10

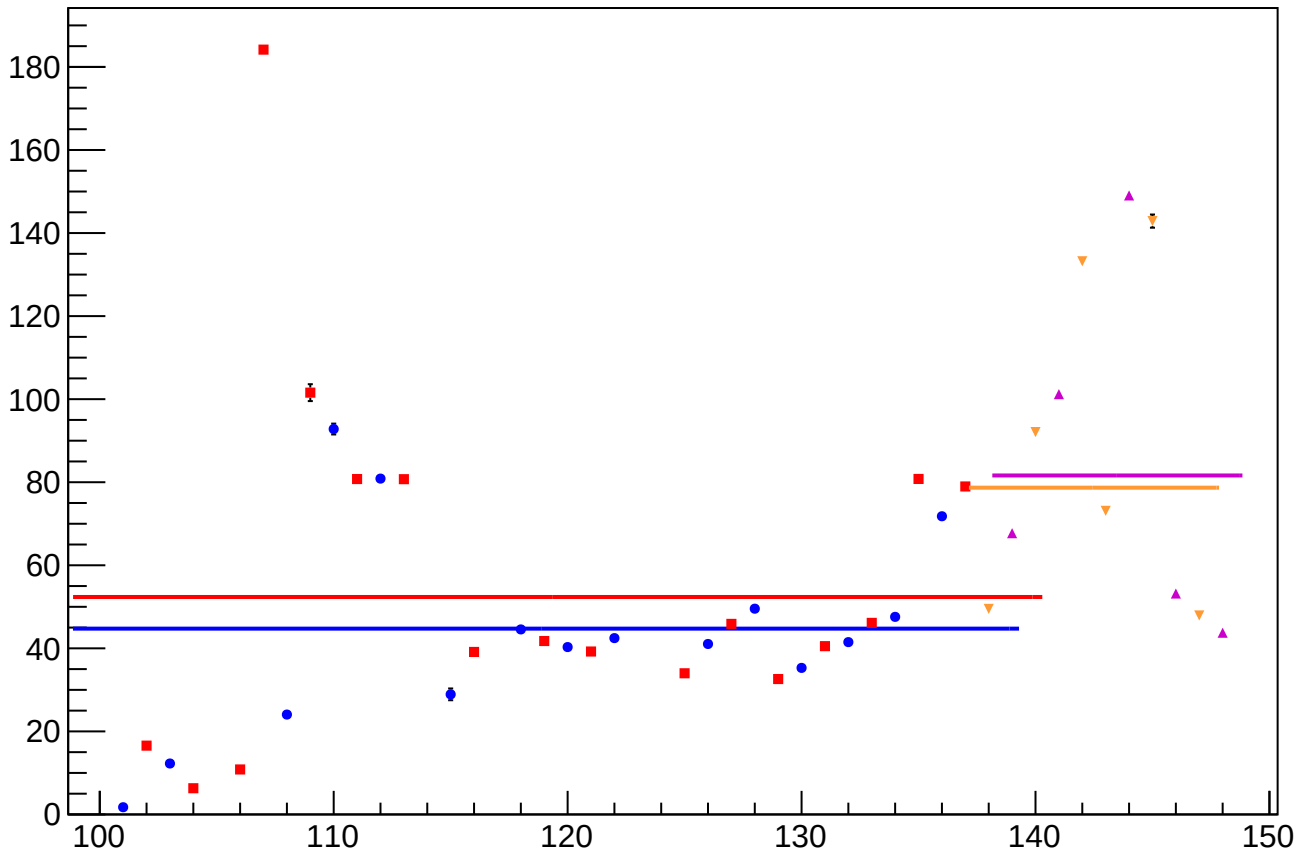
Right: -88.221±/0.057 χ^2/NDF : 113551.1/31

In: -101.681±/0.061 χ^2/NDF :177395.5/19

Out: -92.275±/0.088 χ^2/NDF :115221.1/22

All: -98.602±/0.050 χ^2/NDF : 300283.3/42

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 78.687 $\pm$ 0.201 χ^2/NDF :20438.7/5

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 81.626 $\pm$ 0.126 χ^2/NDF :53695.1/4

Left: 80.802 $\pm$ 0.107 χ^2/NDF : 74287.5/10

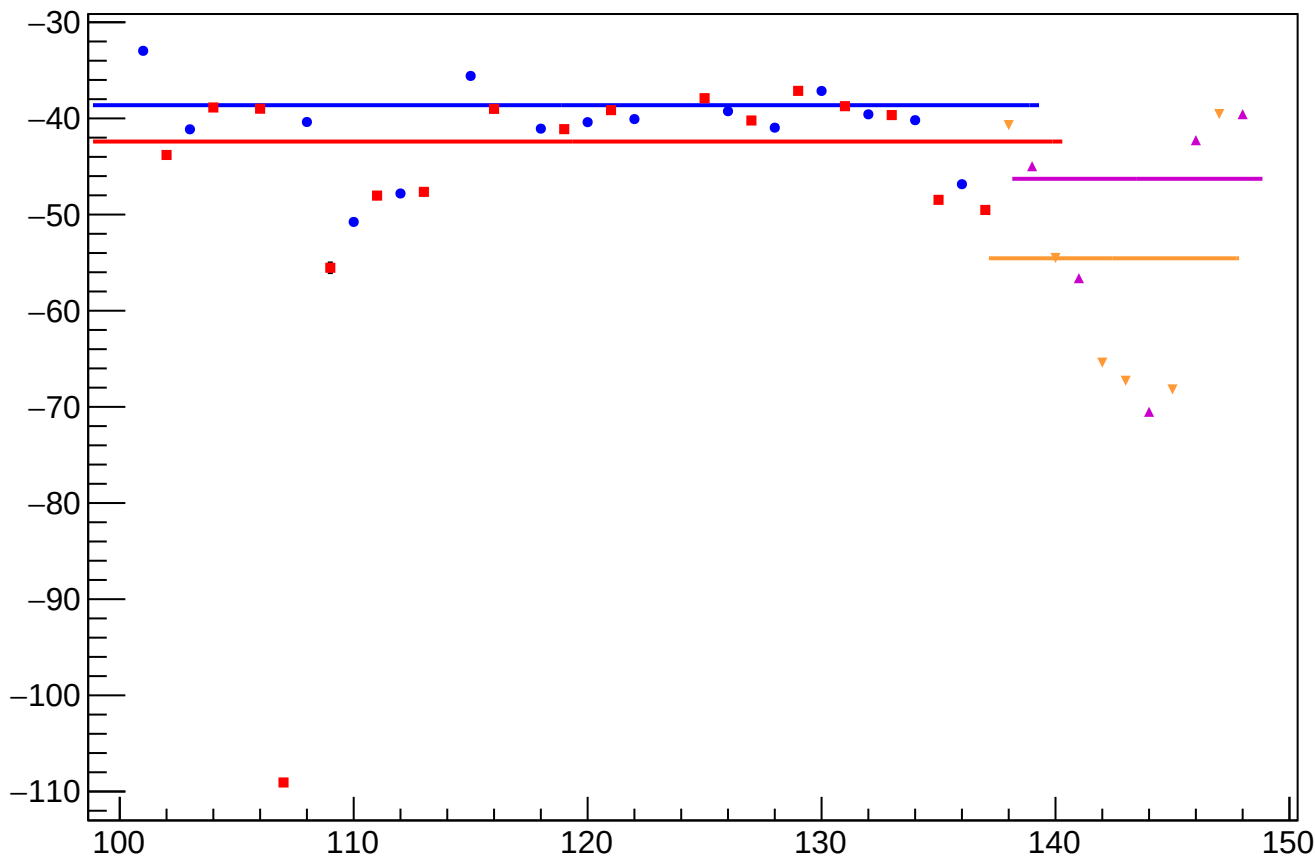
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 51.706 $\pm$ 0.055 χ^2/NDF :208372.5/19

Out: 58.645 $\pm$ 0.098 χ^2/NDF :102765.7/22

All: 53.342 $\pm$ 0.048 χ^2/NDF : 314952.4/42

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -54.548+/-0.043 χ^2/NDF : 71751.3/5

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -46.281+/-0.028 χ^2/NDF : 95223.5/4

Left: -48.753+/-0.024 χ^2/NDF : 192722.6/10

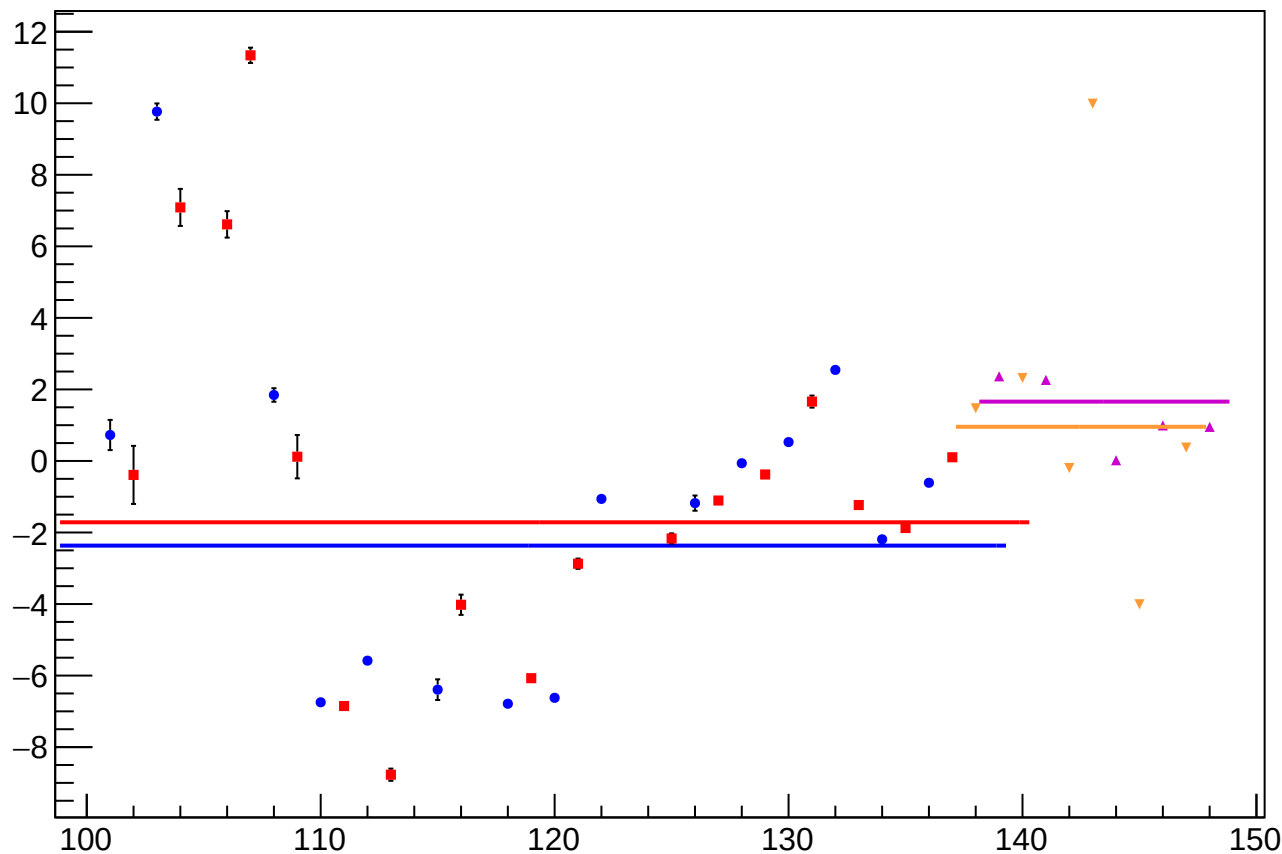
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.233+/-0.008 χ^2/NDF : 403342.3/19

Out: -44.784+/-0.019 χ^2/NDF : 404604.6/22

All: -40.050+/-0.007 χ^2/NDF : 880069.5/42

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 0.955 ± 0.020 $\chi^2/\text{NDF}: 10090.6/5$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.659 ± 0.016 $\chi^2/\text{NDF}: 1999.3/4$

Left: 1.377 ± 0.013 $\chi^2/\text{NDF}: 12851.1/10$

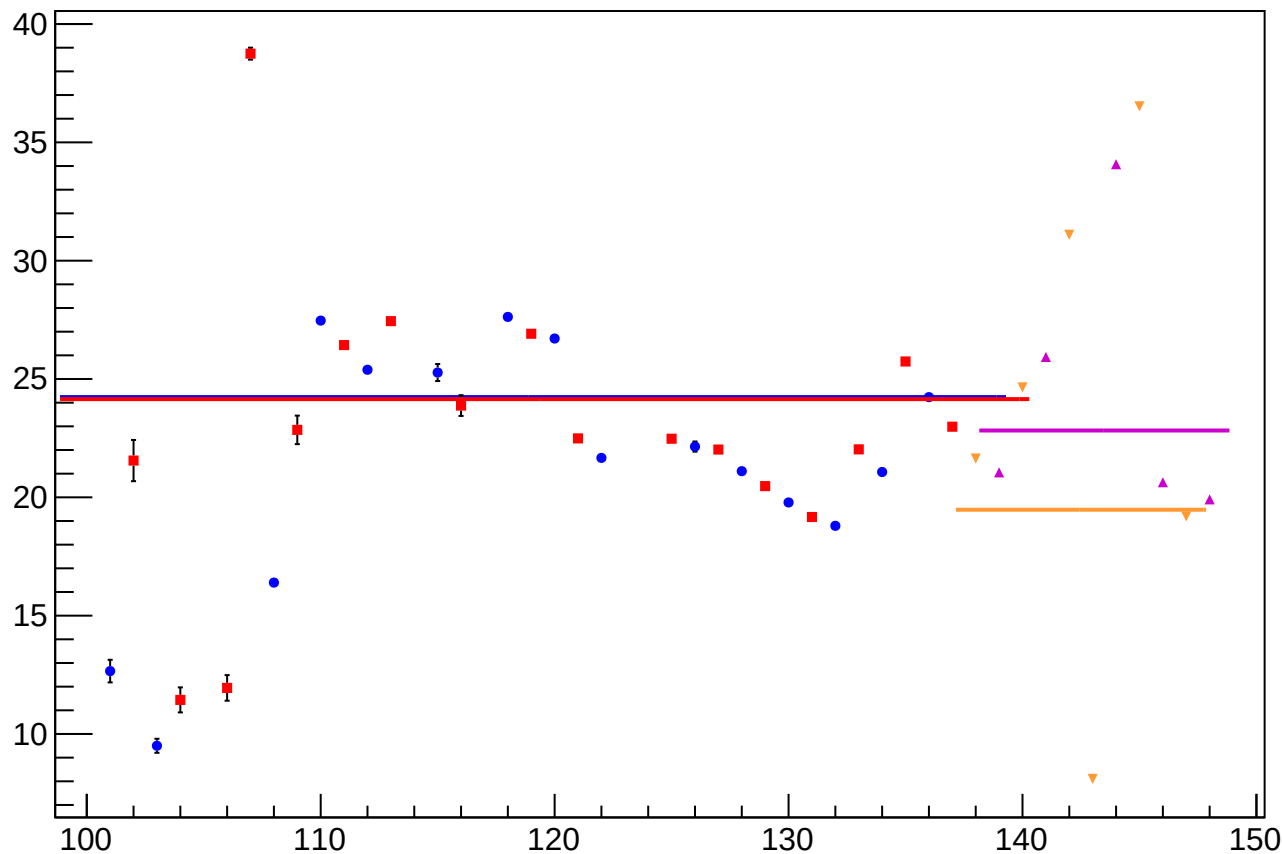
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.629 ± 0.011 $\chi^2/\text{NDF}: 66109.5/19$

Out: 0.024 ± 0.016 $\chi^2/\text{NDF}: 29181.5/22$

All: -0.429 ± 0.009 $\chi^2/\text{NDF}: 96455.2/42$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.476+/-0.031 χ^2/NDF : 37991.5/5

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 22.824+/-0.025 χ^2/NDF : 18402.5/4

Left: 21.478+/-0.019 χ^2/NDF : 63527.0/10

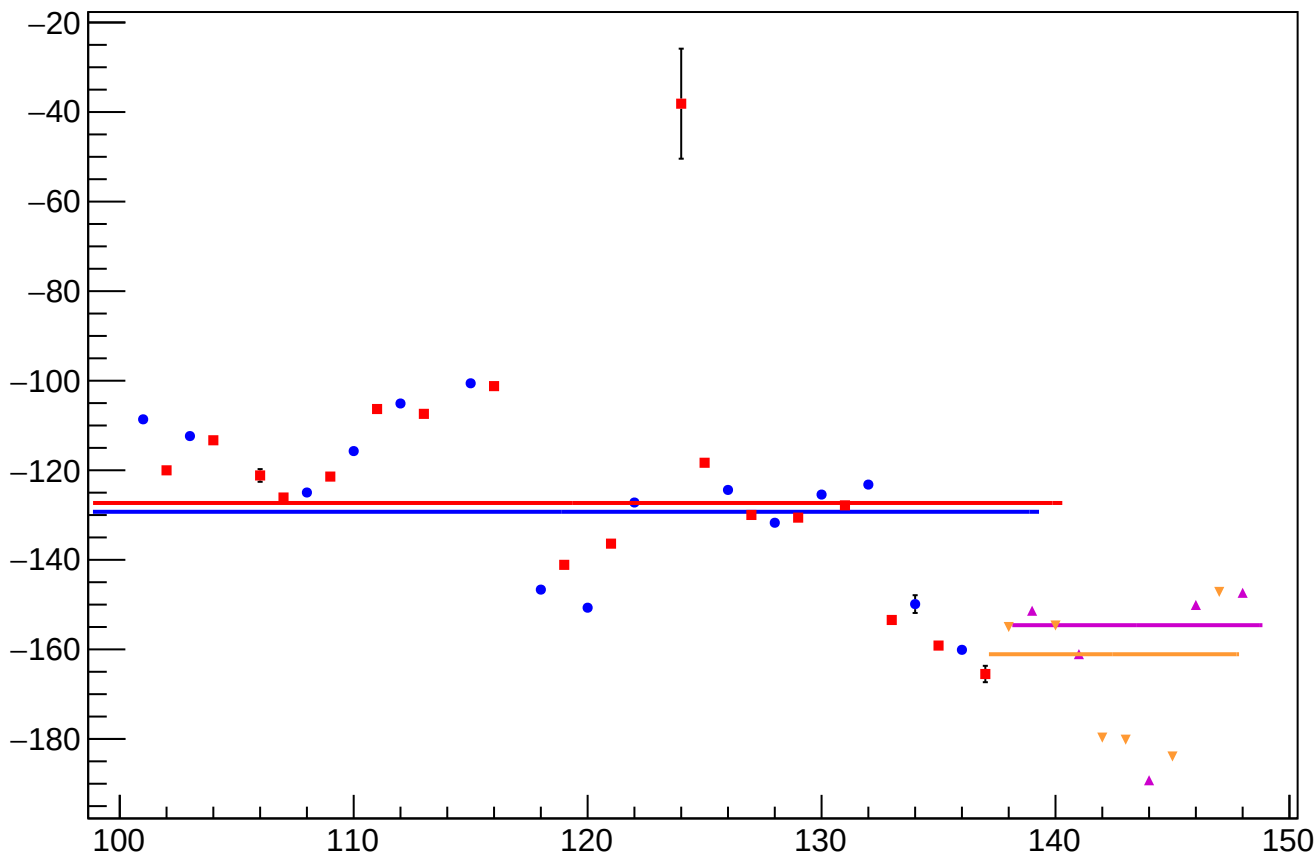
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 23.623+/-0.017 χ^2/NDF : 42081.2/19

Out: 22.340+/-0.019 χ^2/NDF : 65457.9/22

All: 23.071+/-0.013 χ^2/NDF : 110115.6/42

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -161.082+/-0.117 χ^2/NDF :13681.4/5

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -154.595+/-0.097 χ^2/NDF :13315.2/4

Left: -157.244+/-0.075 χ^2/NDF : 28813.1/10

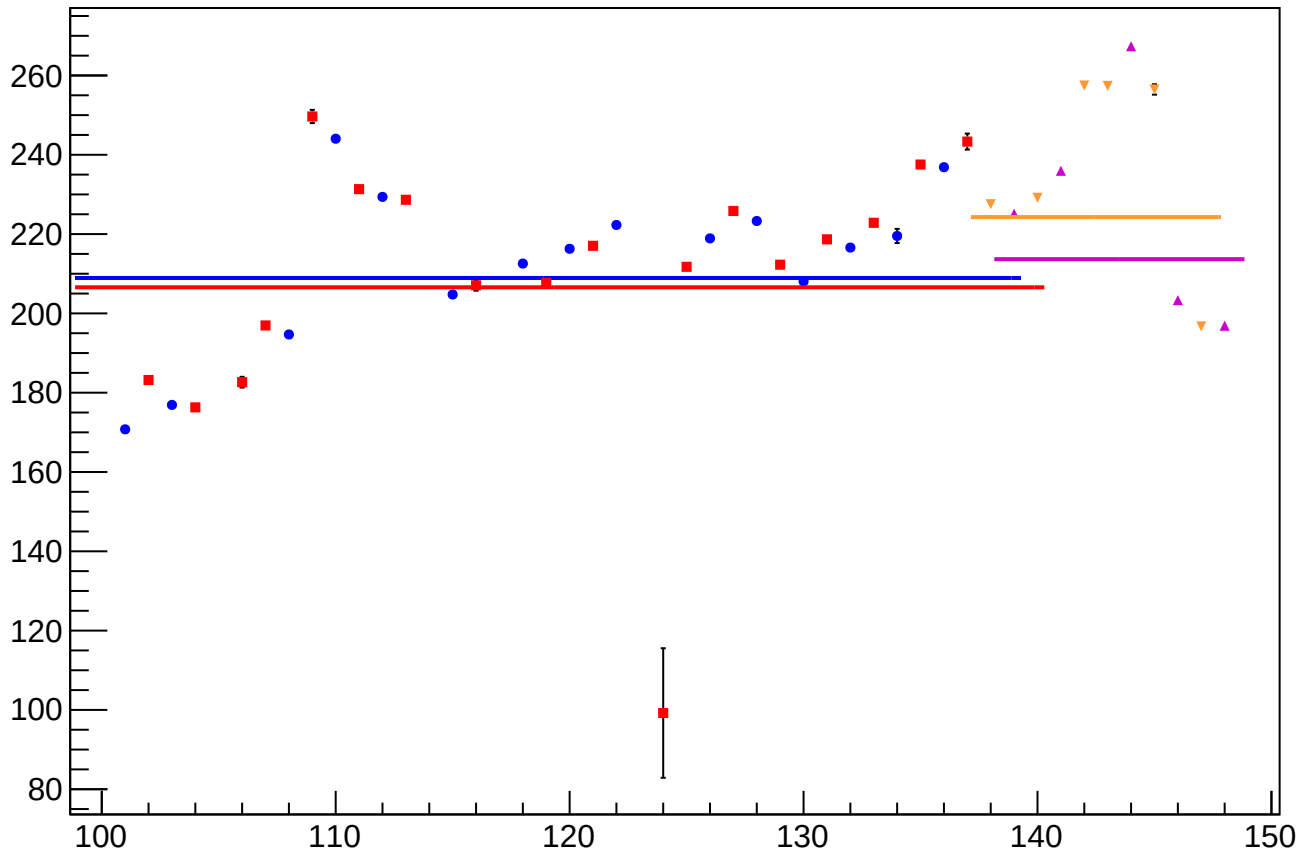
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -140.638+/-0.065 χ^2/NDF :85782.0/19

Out: -138.839+/-0.068 χ^2/NDF :98091.7/23

All: -139.782+/-0.047 χ^2/NDF : 184236.2/43

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 224.291 $\pm$ 0.109 χ^2 /NDF: 51026.5/5

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 213.677 $\pm$ 0.091 χ^2 /NDF: 48827.4/4

Left: 218.037 $\pm$ 0.070 χ^2 /NDF: 105423.2/10

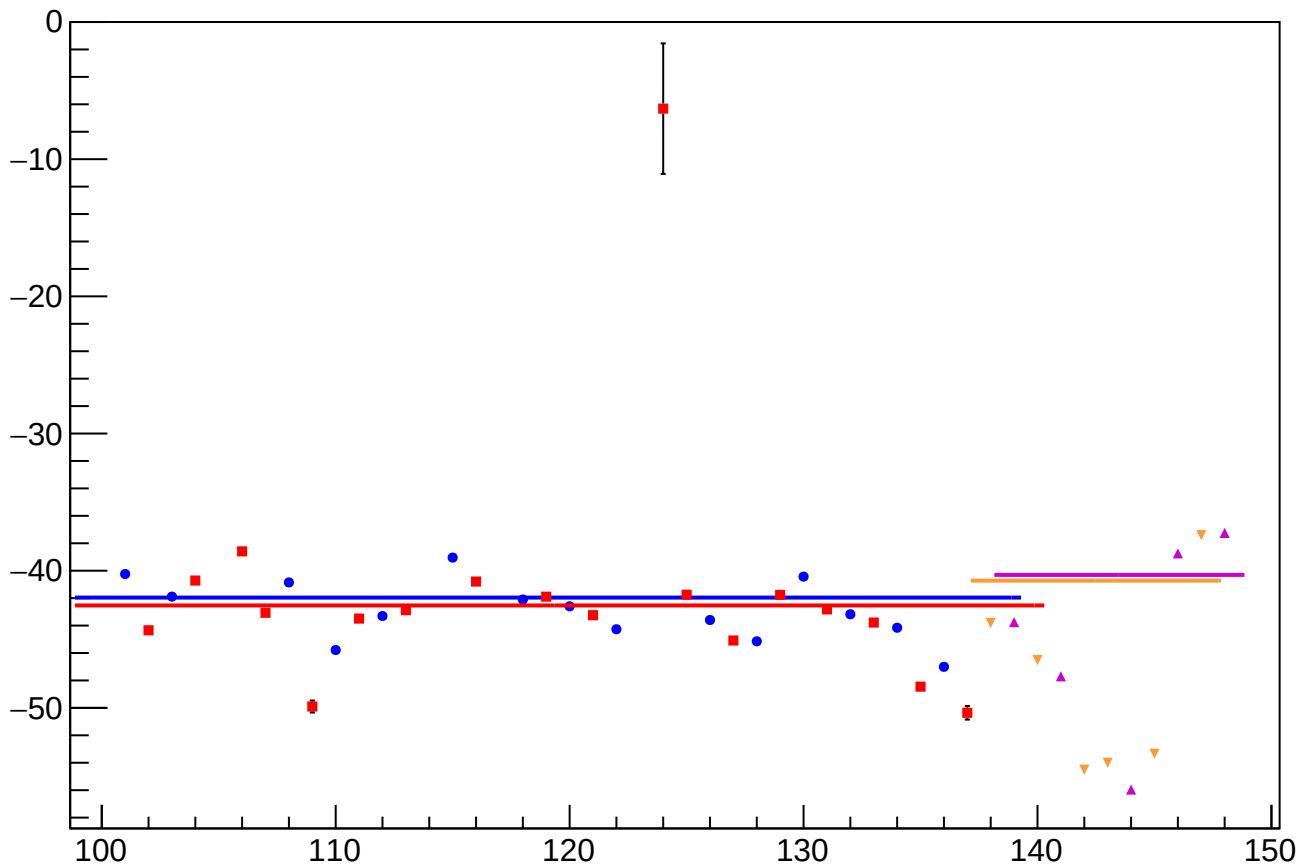
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 211.254 $\pm$ 0.064 χ^2 /NDF: 94894.9/19

Out: 213.086 $\pm$ 0.066 χ^2 /NDF: 115886.0/23

All: 212.136 $\pm$ 0.046 χ^2 /NDF: 211178.6/43

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -40.724 ± 0.014 χ^2/NDF : 151632.6/5

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -40.306 ± 0.014 χ^2/NDF : 91961.3/4

Left: -40.512 ± 0.010 χ^2/NDF : 244049.2/10

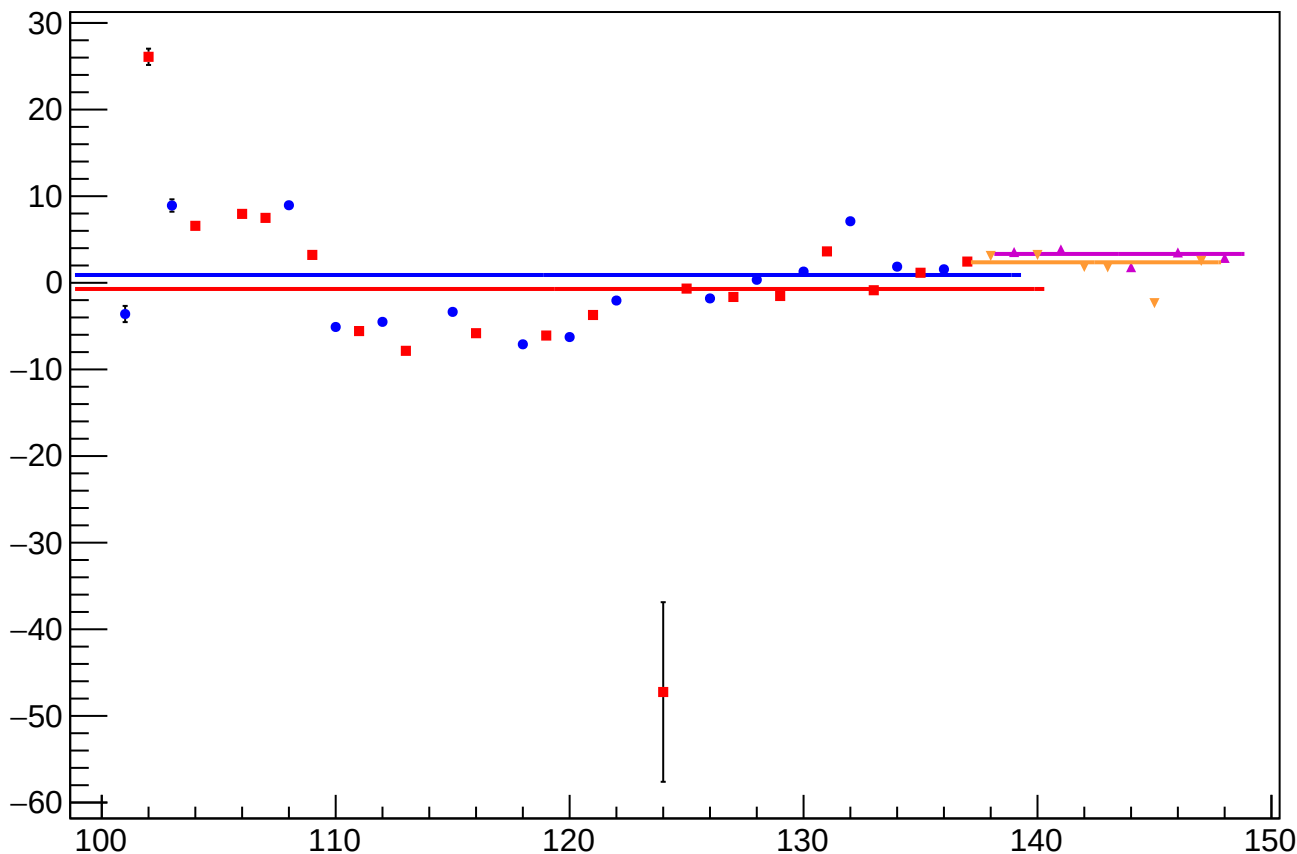
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -41.030 ± 0.010 χ^2/NDF : 122505.6/19

Out: -41.293 ± 0.012 χ^2/NDF : 163019.6/23

All: -41.146 ± 0.008 χ^2/NDF : 285813.2/43

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.368 ± 0.019 $\chi^2/\text{NDF}: 5107.4/5$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.333 ± 0.016 $\chi^2/\text{NDF}: 1260.1/4$

Left: 2.939 ± 0.012 $\chi^2/\text{NDF}: 7882.9/10$

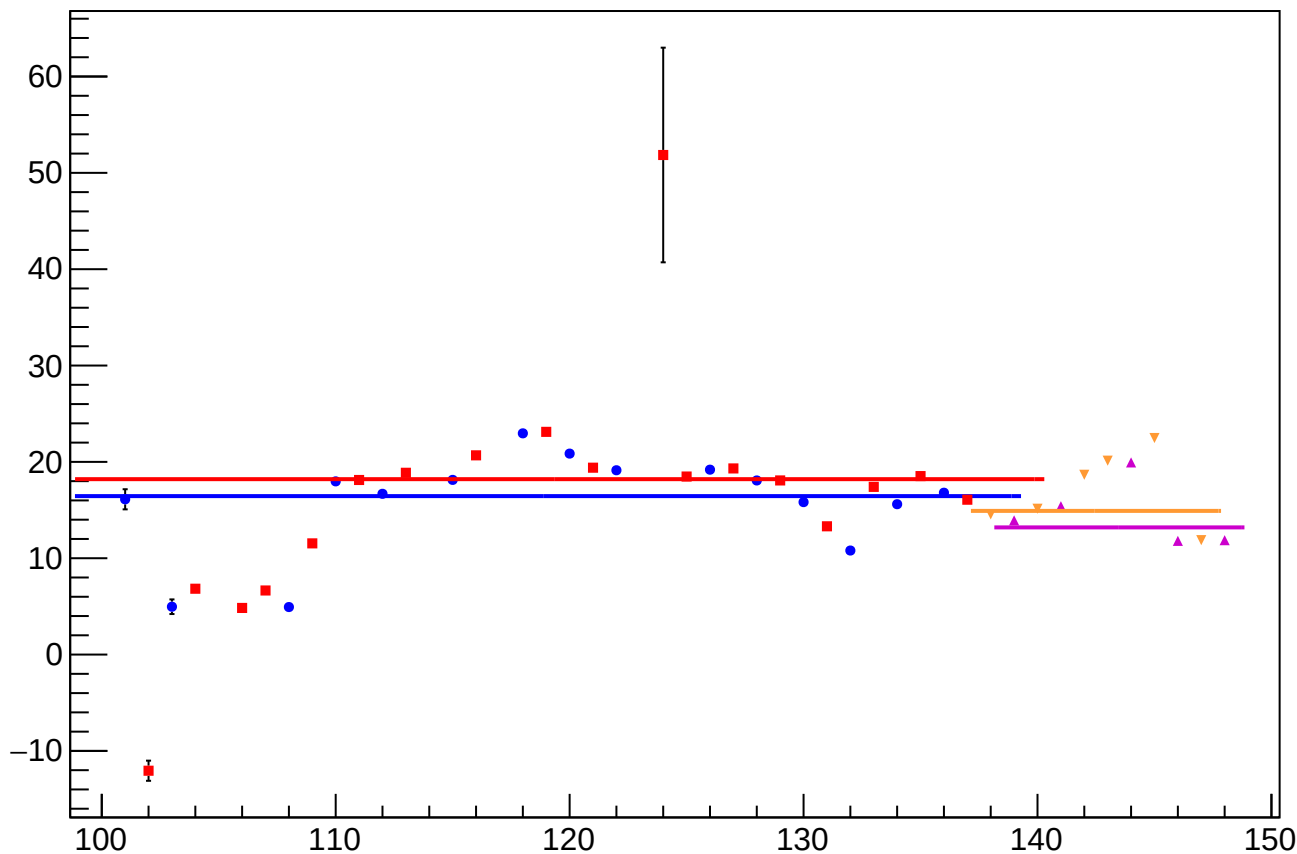
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.399 ± 0.012 $\chi^2/\text{NDF}: 31446.2/19$

Out: 1.194 ± 0.015 $\chi^2/\text{NDF}: 45765.1/23$

All: 1.909 ± 0.010 $\chi^2/\text{NDF}: 81034.7/43$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 14.913 $\pm$ 0.020 χ^2 /NDF: 29275.3/5

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 13.200 $\pm$ 0.019 χ^2 /NDF: 11557.9/4

Left: 13.995 $\pm$ 0.014 χ^2 /NDF: 44757.4/10

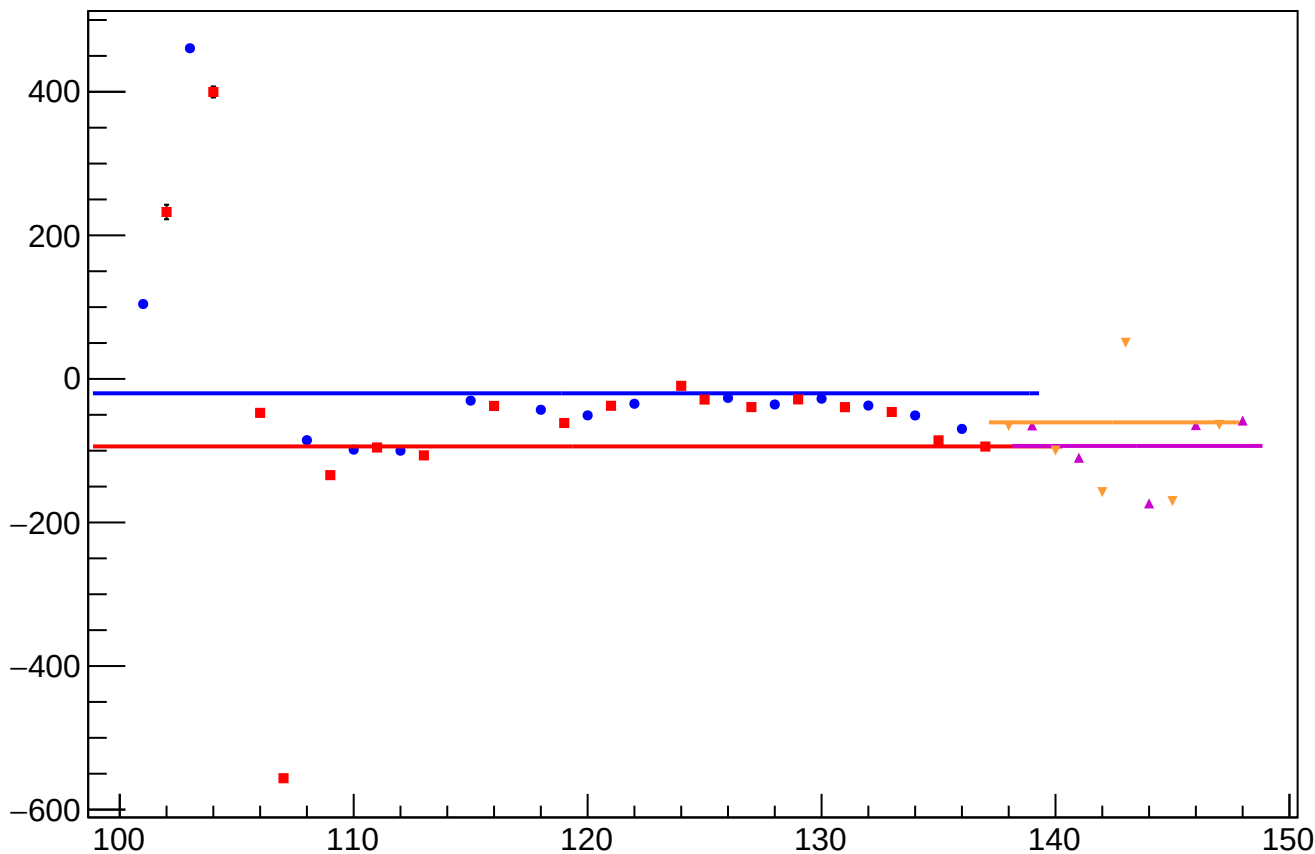
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 14.396 $\pm$ 0.015 χ^2 /NDF: 36923.6/19

Out: 16.527 $\pm$ 0.014 χ^2 /NDF: 70022.6/23

All: 15.499 $\pm$ 0.010 χ^2 /NDF: 117657.1/43

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.543 ± 0.232 $\chi^2/\text{NDF}: 42936.2/5$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -93.372 ± 0.262 $\chi^2/\text{NDF}: 23505.6/4$

Left: -74.958 ± 0.174 $\chi^2/\text{NDF}: 75218.8/10$

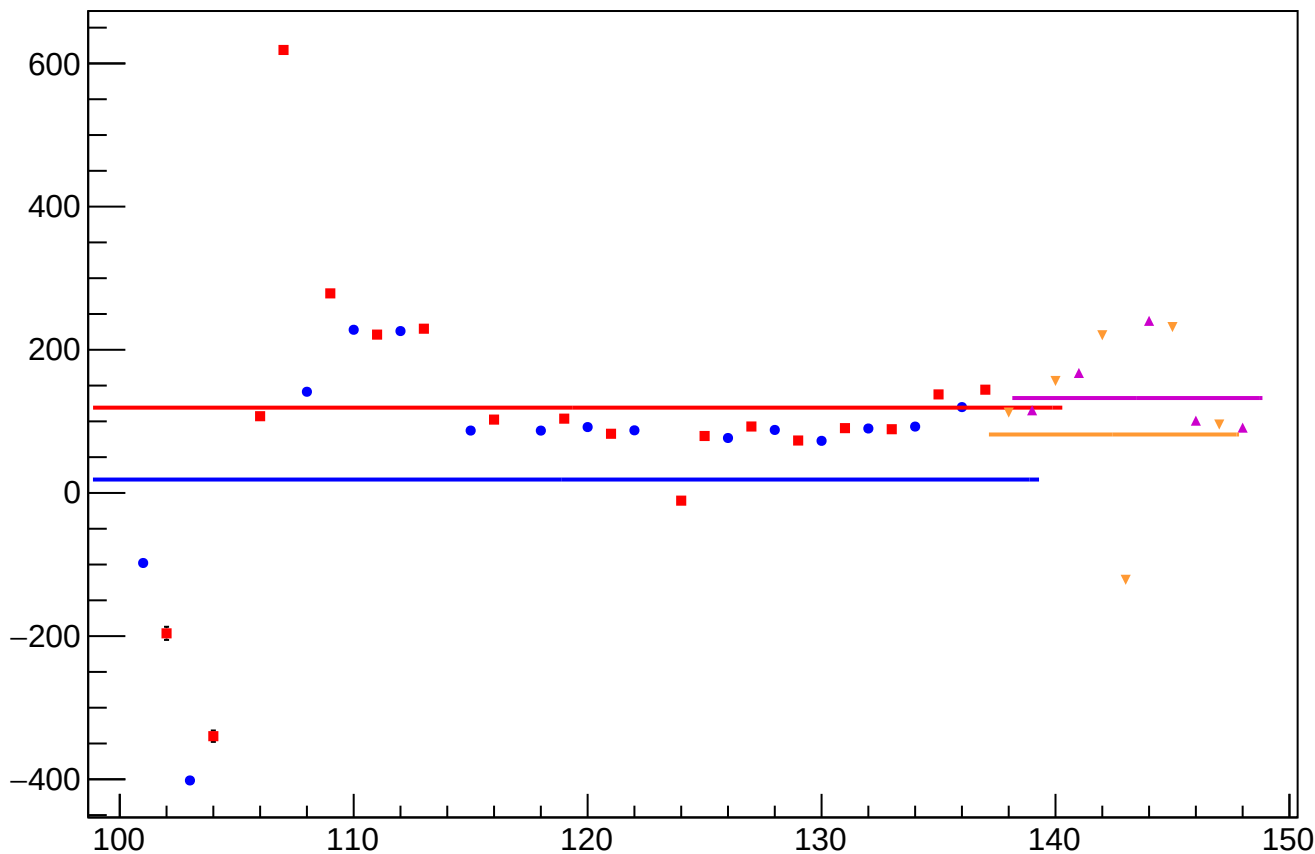
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -38.683 ± 0.132 $\chi^2/\text{NDF}: 523182.4/19$

Out: -93.954 ± 0.012 $\chi^2/\text{NDF}: 151188.0/23$

All: -93.472 ± 0.012 $\chi^2/\text{NDF}: 847454.8/43$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 81.669 ± 0.228 $\chi^2/\text{NDF}: 161449.5/5$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 132.589 ± 0.244 $\chi^2/\text{NDF}: 37349.0/4$

Left: 105.412 ± 0.167 $\chi^2/\text{NDF}: 222003.3/10$

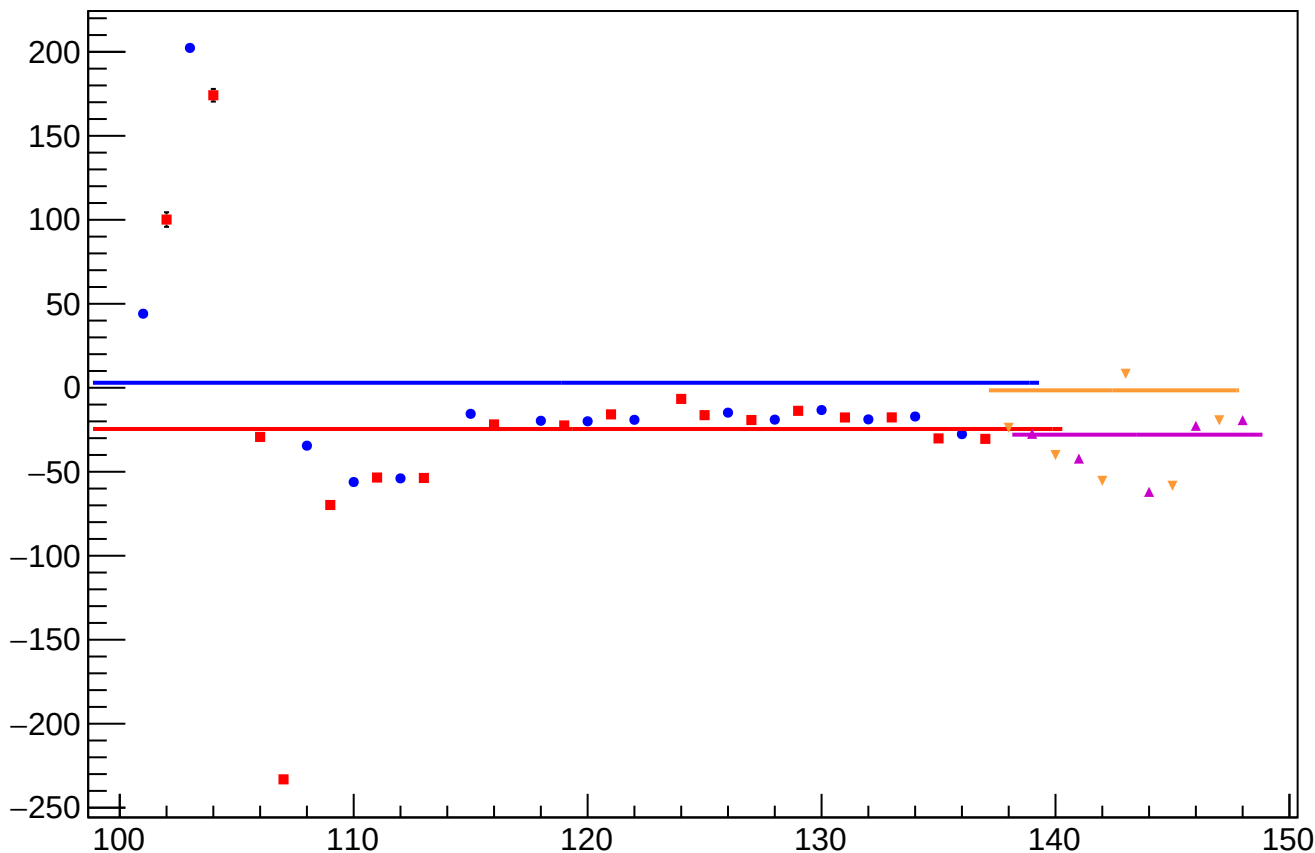
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 50.547 ± 0.129 $\chi^2/\text{NDF}: 1295786.5/19$

Out: 102.951 ± 0.150 $\chi^2/\text{NDF}: 264216.3/23$

All: 72.826 ± 0.098 $\chi^2/\text{NDF}: 1630062.4/43$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -1.529 ± 0.033 χ^2/NDF : 279984.5/5

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -27.928 ± 0.040 χ^2/NDF : 83861.3/4

Left: -12.127 ± 0.025 χ^2/NDF : 623248.2/10

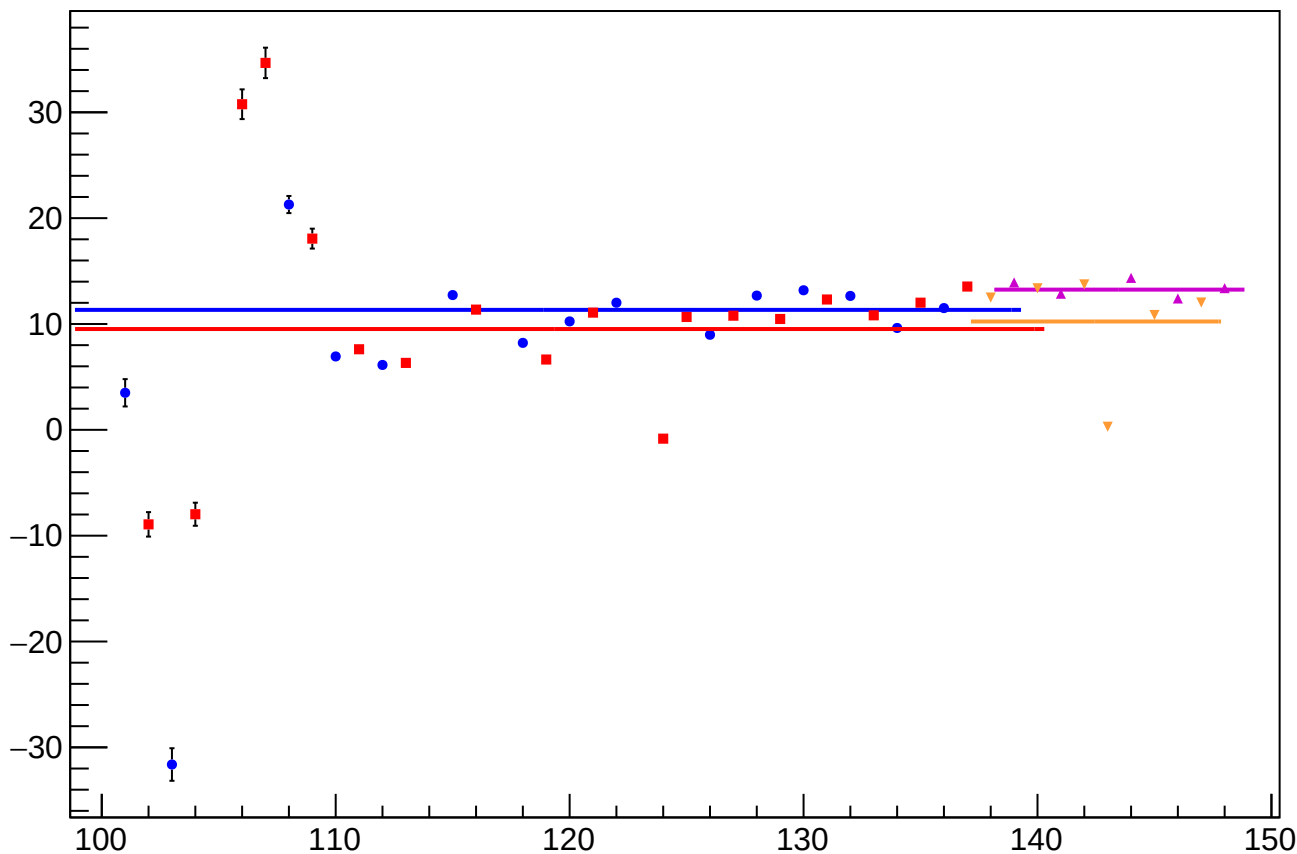
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -6.598 ± 0.022 χ^2/NDF : 3990744.4/19

Out: -9.850 ± 0.026 χ^2/NDF : 633940.1/23

All: -7.964 ± 0.017 χ^2/NDF : 4633595.4/43

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 10.236 $\pm$ 0.031 χ^2 /NDF:24533.8/5

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.248 $\pm$ 0.032 χ^2 /NDF:376.8/4

Left: 11.722 $\pm$ 0.022 χ^2 /NDF: 29498.8/10

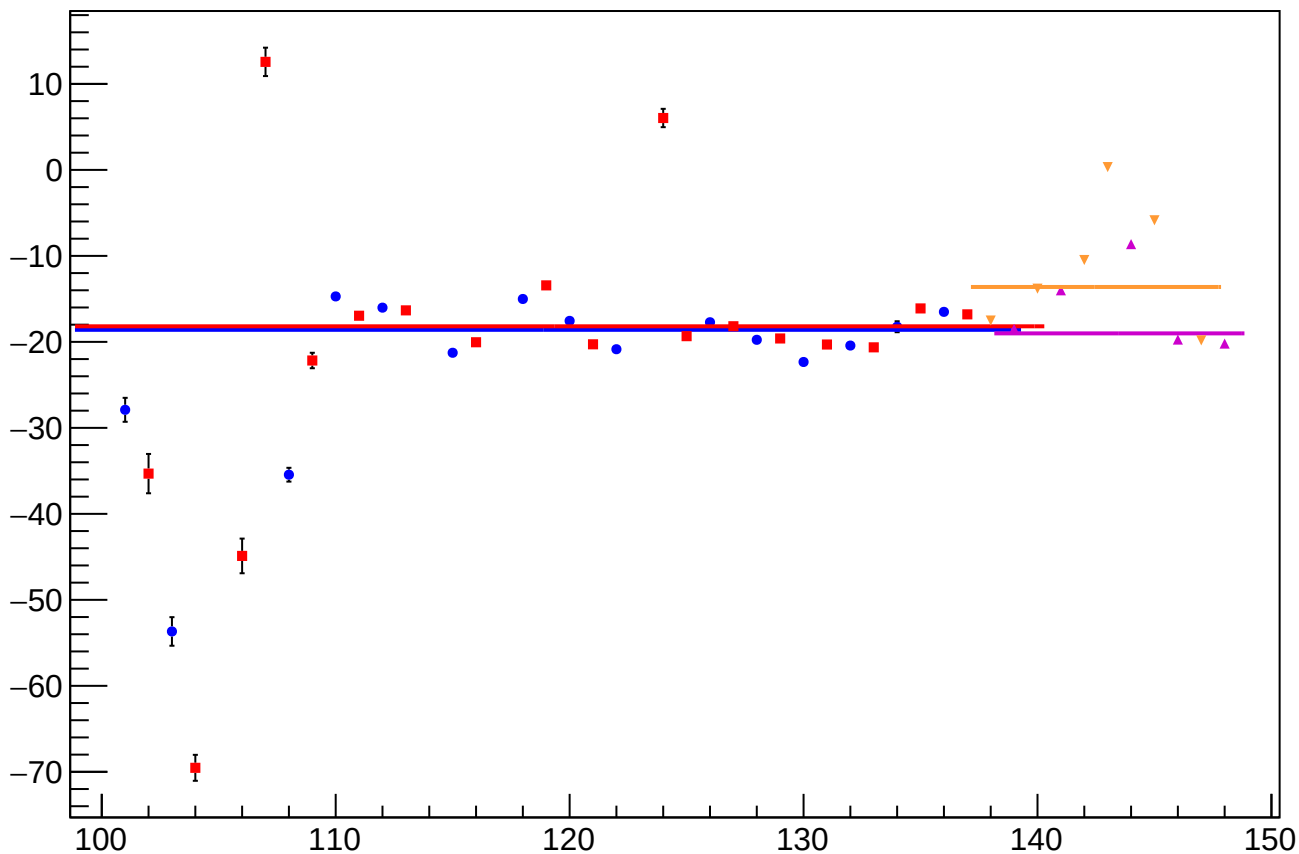
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.448 $\pm$ 0.024 χ^2 /NDF:4309.6/19

Out: 10.025 $\pm$ 0.026 χ^2 /NDF:28755.4/23

All: 11.334 $\pm$ 0.018 χ^2 /NDF: 37697.3/43

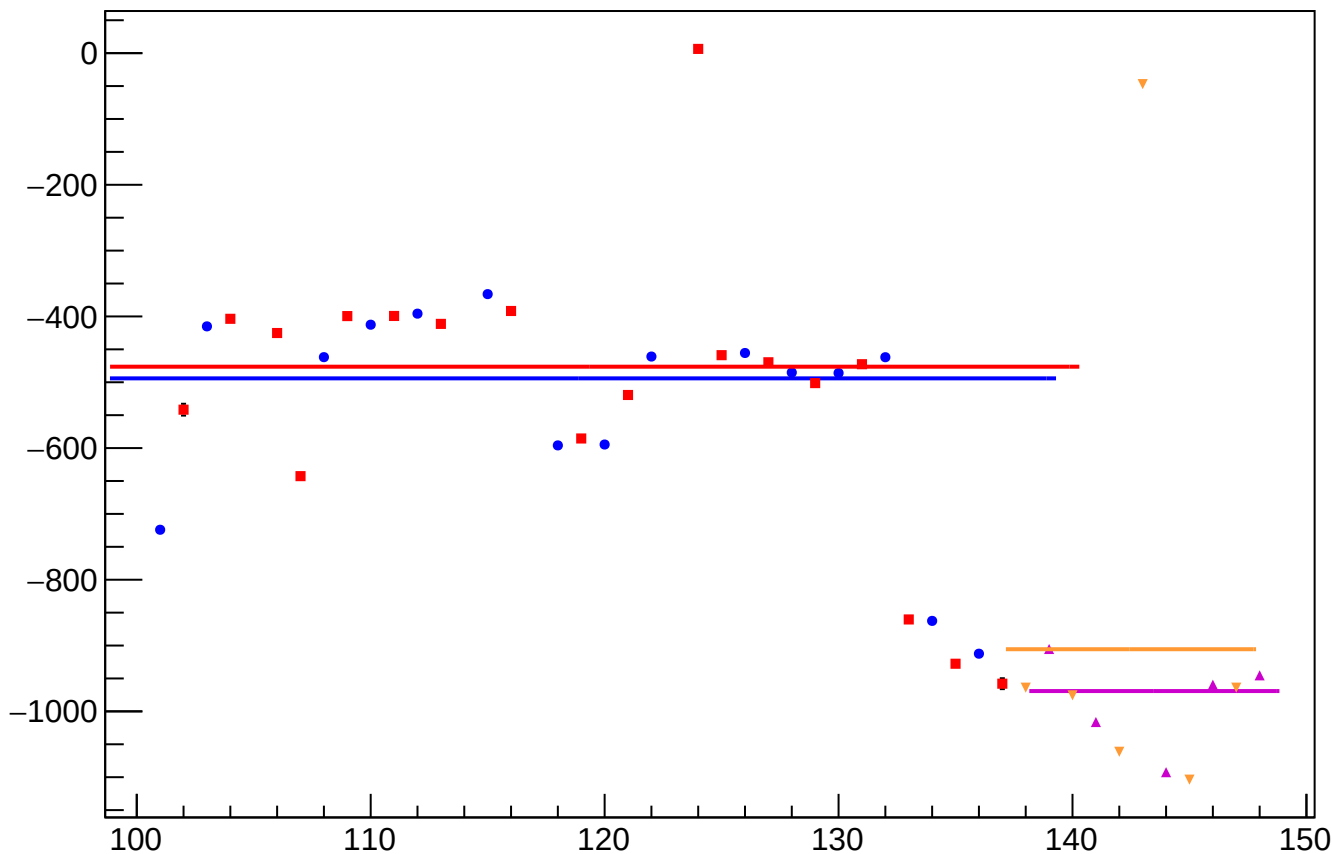
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -13.615 ± 0.040 χ^2/NDF : 30559.8/5
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.011 ± 0.032 χ^2/NDF : 5863.4/4

Left: -16.884 ± 0.025 χ^2/NDF : 47488.5/10
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.834 ± 0.024 χ^2/NDF : 12123.6/19
 Out: -15.420 ± 0.031 χ^2/NDF : 40620.6/23
 All: -17.535 ± 0.019 χ^2/NDF : 60223.3/43

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -905.580 ± 0.512 $\chi^2/\text{NDF}: 291501.0/5$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -969.138 ± 0.426 $\chi^2/\text{NDF}: 15365.5/4$

Left: -943.099 ± 0.328 $\chi^2/\text{NDF}: 315965.6/10$

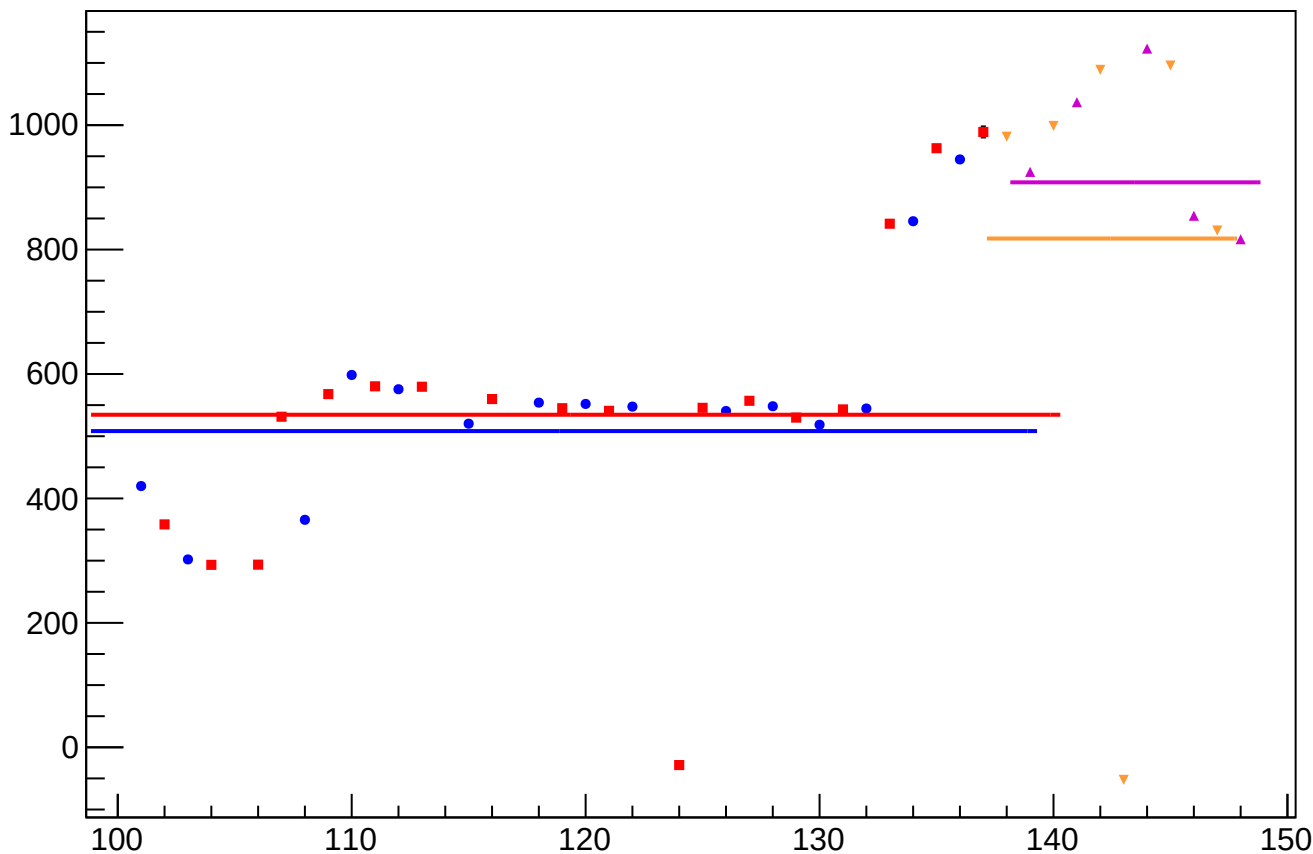
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -602.631 ± 0.204 $\chi^2/\text{NDF}: 1298629.4/19$

Out: -525.988 ± 0.174 $\chi^2/\text{NDF}: 1507310.6/23$

All: -558.310 ± 0.132 $\chi^2/\text{NDF}: 2887674.7/43$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 817.769 $\pm$ 0.506 χ^2 /NDF:401517.8/5

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 908.071 $\pm$ 0.415 χ^2 /NDF:61202.0/4

Left: 871.718 $\pm$ 0.321 χ^2 /NDF: 481757.4/10

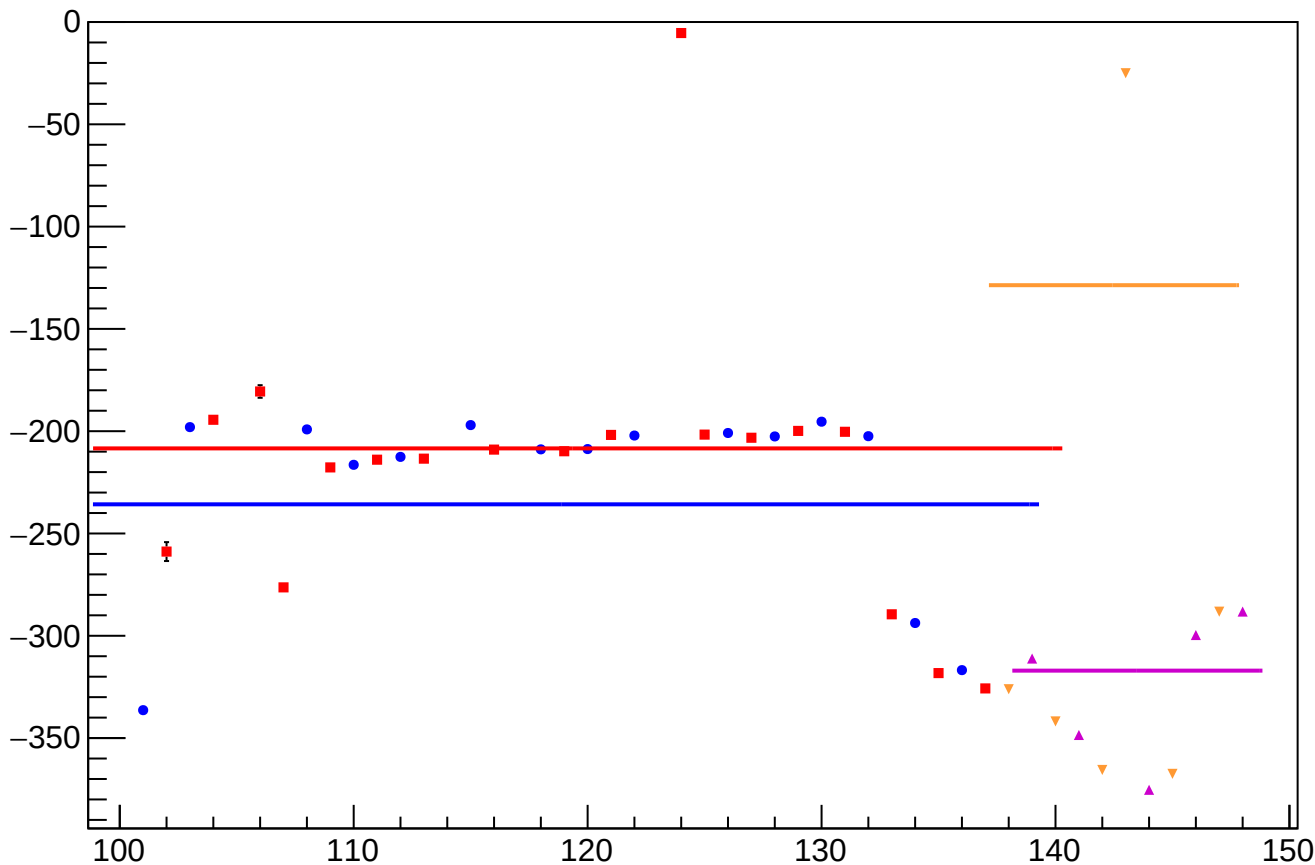
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 596.929 $\pm$ 0.196 χ^2 /NDF:1222085.3/19

Out: 578.615 $\pm$ 0.200 χ^2 /NDF:1034479.7/23

All: 587.958 $\pm$ 0.140 χ^2 /NDF: 2260861.7/43

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -128.638+/-0.084 χ^2/NDF : 2886080.1/5

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -317.039+/-0.077 χ^2/NDF : 142150.5/4

Left: -230.451+/-0.057 χ^2/NDF : 5757107.8/10

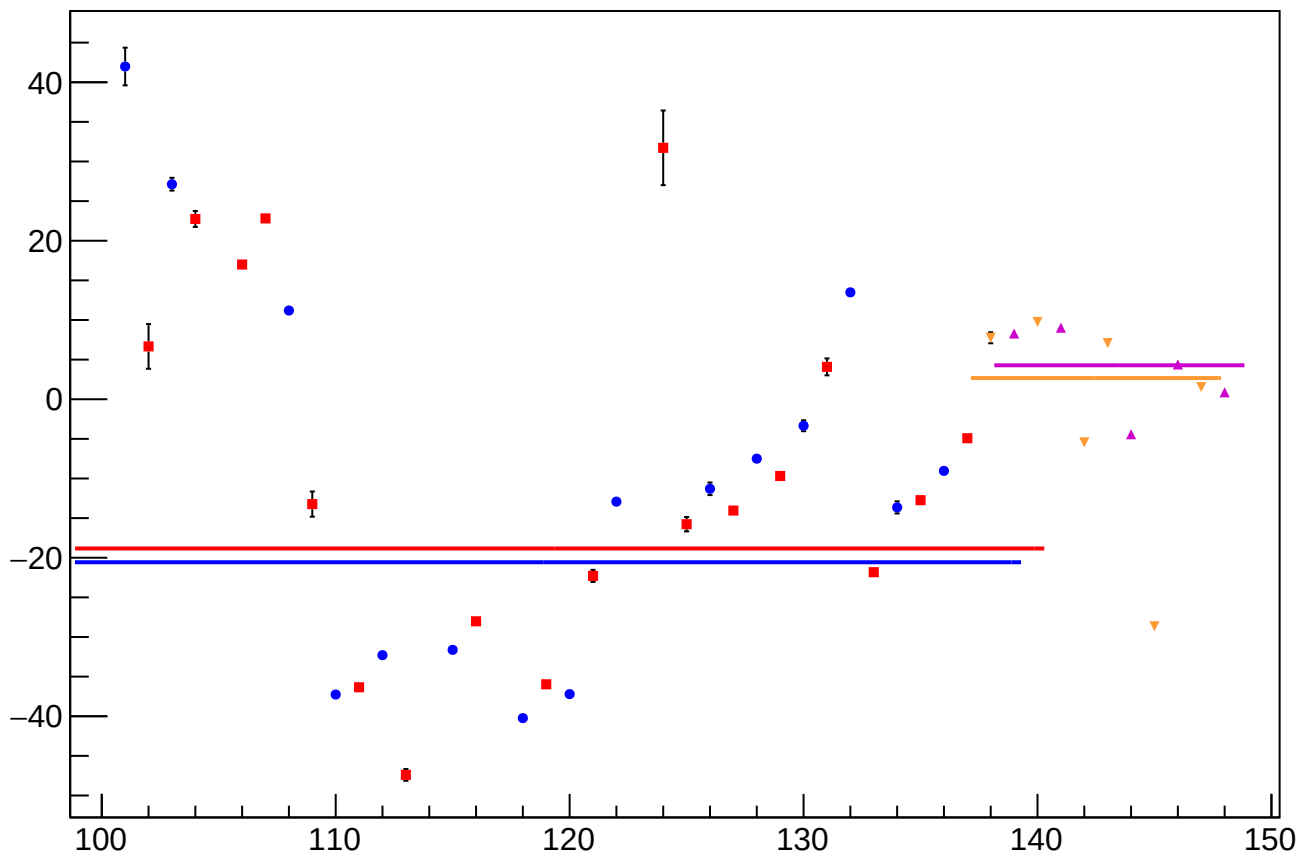
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -263.209+/-0.045 χ^2/NDF : 1750358.4/19

Out: -189.494+/-0.041 χ^2/NDF : 3951761.1/23

All: -222.827+/-0.030 χ^2/NDF : 7176165.8/43

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 2.673 ± 0.058 $\chi^2/\text{NDF}: 7195.0/5$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 4.285 ± 0.057 $\chi^2/\text{NDF}: 4564.4/4$

Left: 3.495 ± 0.040 $\chi^2/\text{NDF}: 12156.8/10$

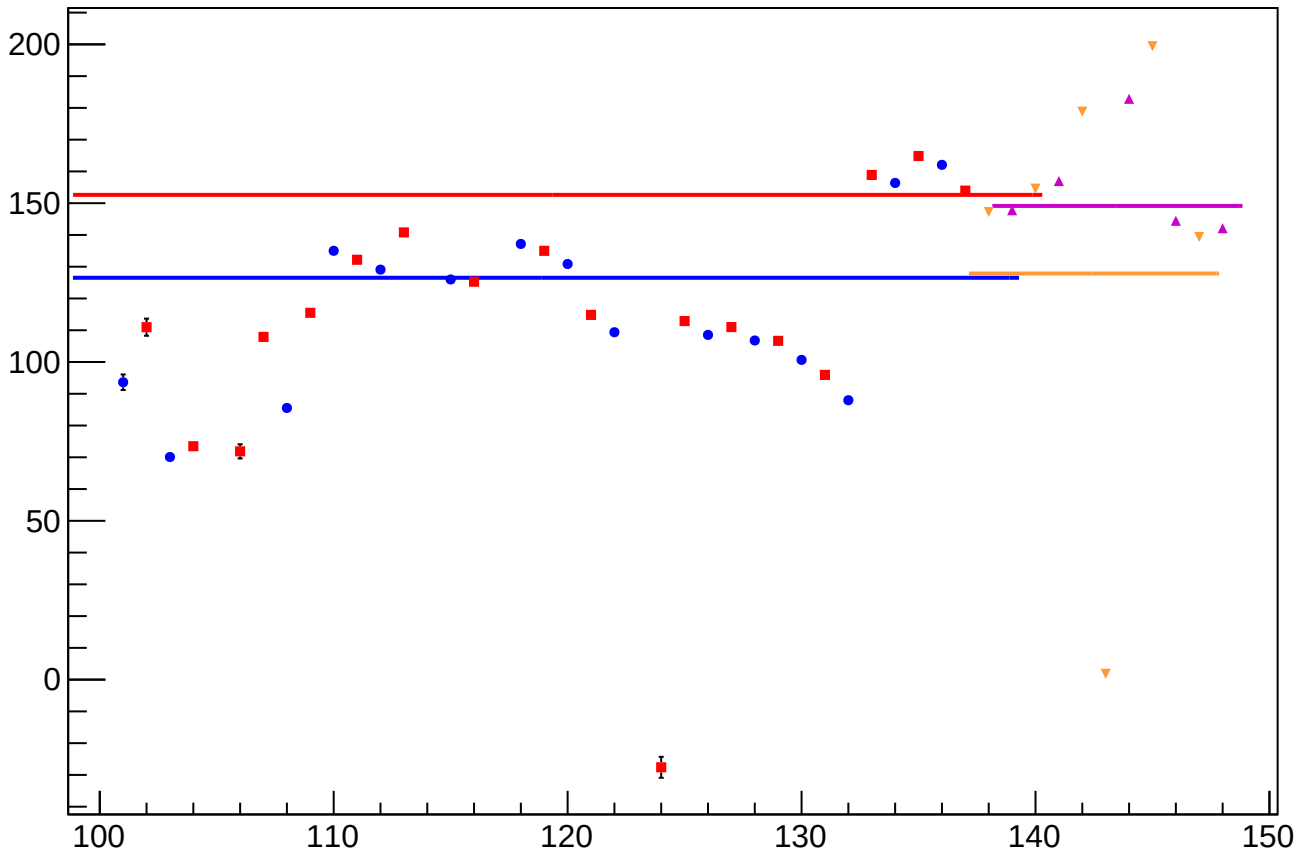
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: -5.322 ± 0.044 $\chi^2/\text{NDF}: 142434.4/19$

Out: -2.105 ± 0.051 $\chi^2/\text{NDF}: 58881.3/23$

All: -3.934 ± 0.033 $\chi^2/\text{NDF}: 203584.7/43$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 ± 0.084 $\chi^2/\text{NDF}: 114967.3/14$

Left Out: 127.862 ± 0.079 $\chi^2/\text{NDF}: 370035.4/5$

Right Out: 152.620 ± 0.030 $\chi^2/\text{NDF}: 74022.9/17$

Left In: 149.139 ± 0.077 $\chi^2/\text{NDF}: 14197.1/4$

Left: 138.707 ± 0.055 $\chi^2/\text{NDF}: 421363.5/10$

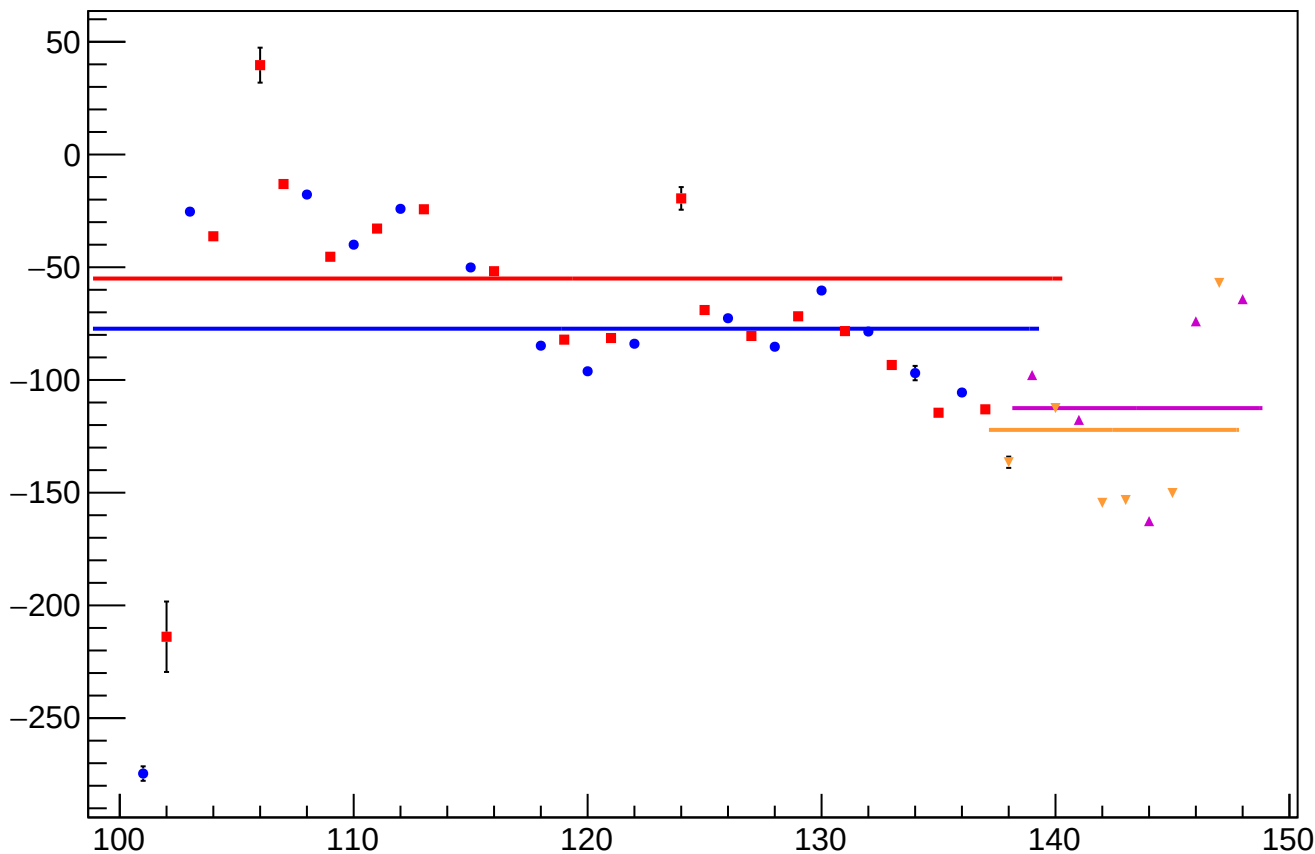
Right: 149.605 ± 0.029 $\chi^2/\text{NDF}: 274404.9/32$

In: 138.763 ± 0.057 $\chi^2/\text{NDF}: 168427.6/19$

Out: 149.423 ± 0.028 $\chi^2/\text{NDF}: 529958.3/23$

All: 147.306 ± 0.025 $\chi^2/\text{NDF}: 726525.9/43$

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -122.141 ± 0.255 $\chi^2/\text{NDF}: 17164.3/5$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -112.487 ± 0.217 $\chi^2/\text{NDF}: 21709.5/4$

Left: -116.542 ± 0.166 $\chi^2/\text{NDF}: 39702.7/10$

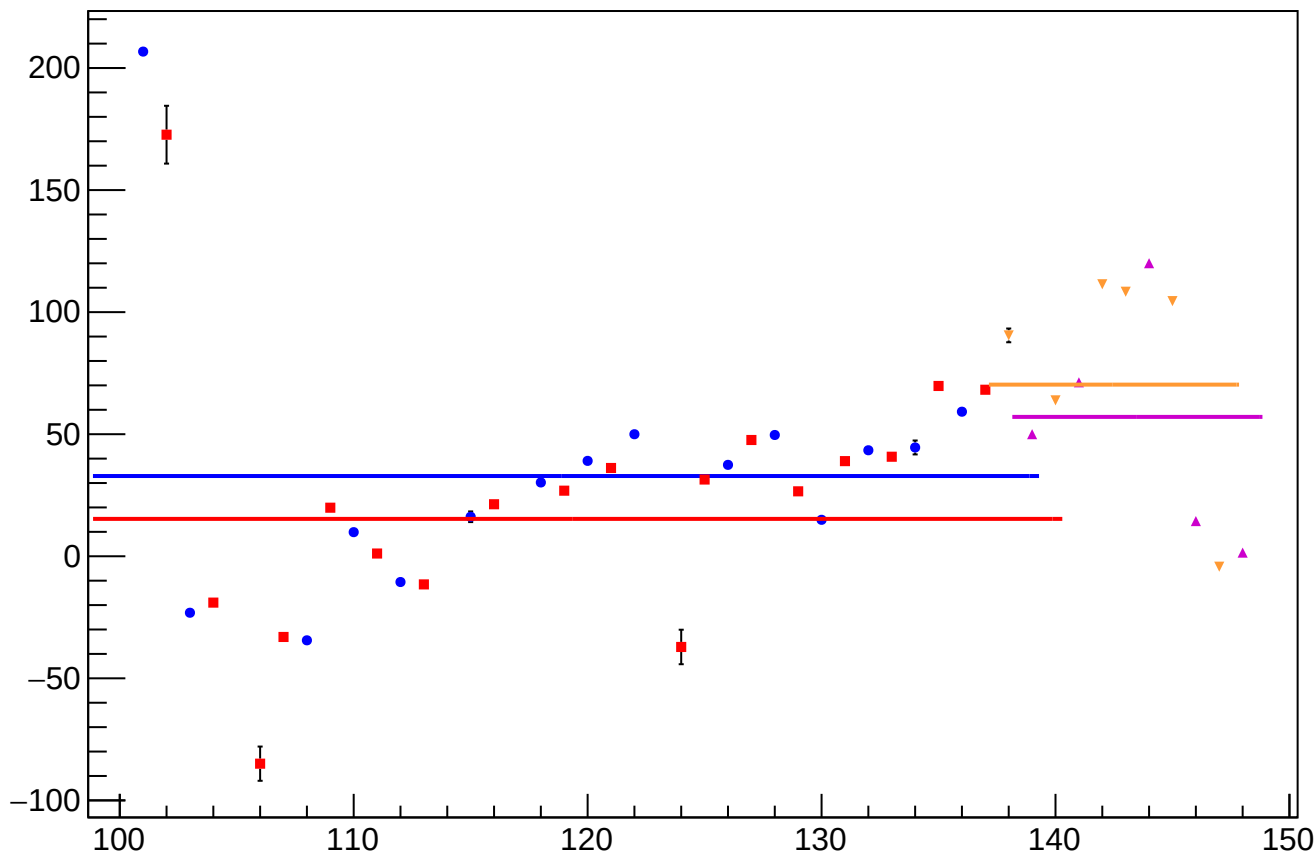
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -88.261 ± 0.121 $\chi^2/\text{NDF}: 70132.5/19$

Out: -78.971 ± 0.153 $\chi^2/\text{NDF}: 85239.5/23$

All: -84.657 ± 0.095 $\chi^2/\text{NDF}: 157641.6/43$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 70.309 $\pm$ 0.247 χ^2/NDF : 28691.2/5

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 57.090 $\pm$ 0.203 χ^2/NDF : 35041.3/4

Left: 62.422 $\pm$ 0.157 χ^2/NDF : 65439.9/10

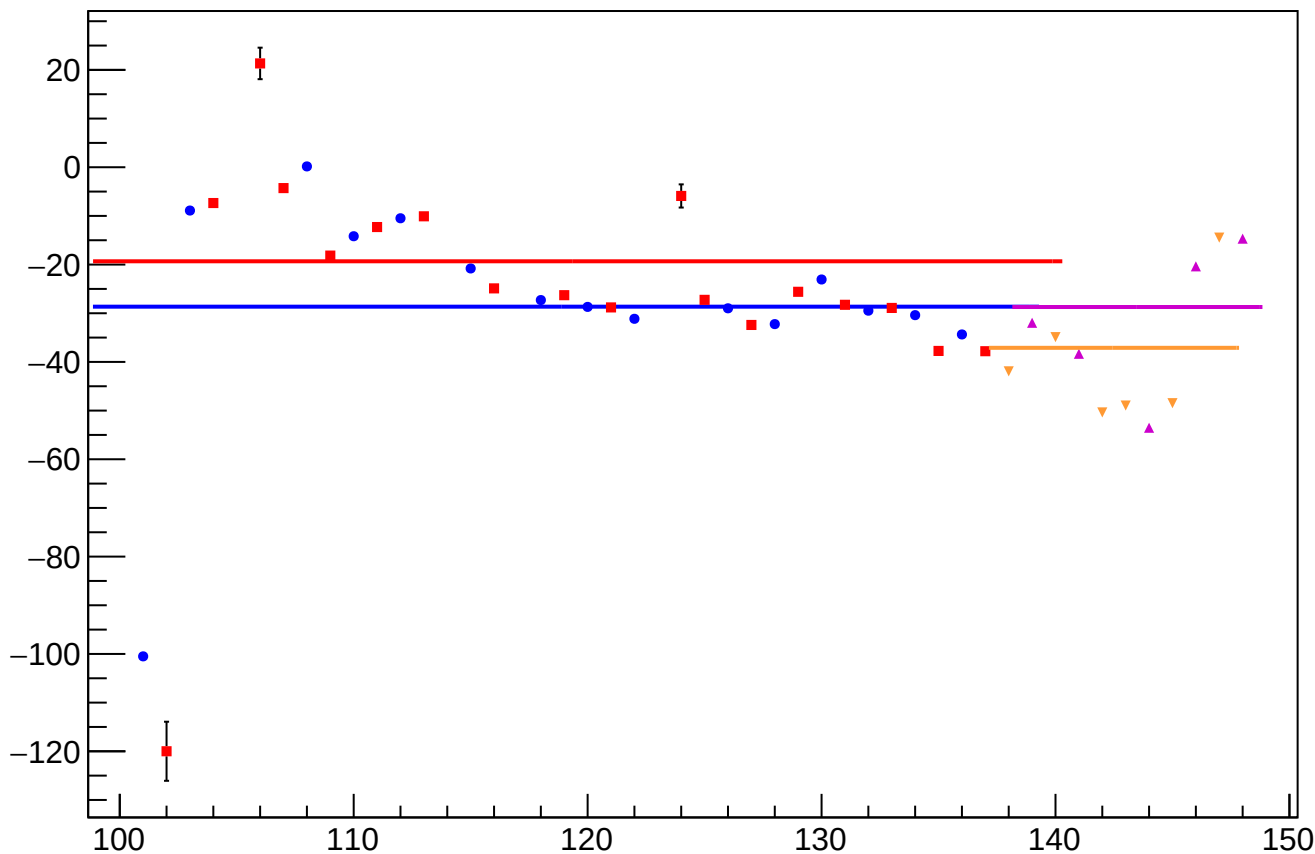
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 41.118 $\pm$ 0.119 χ^2/NDF : 75807.4/19

Out: 38.331 $\pm$ 0.160 χ^2/NDF : 74241.0/23

All: 40.129 $\pm$ 0.095 χ^2/NDF : 150244.5/43

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -37.103 ± 0.053 $\chi^2/\text{NDF}: 74043.0/5$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -28.718 ± 0.035 $\chi^2/\text{NDF}: 96107.7/4$

Left: -31.259 ± 0.029 $\chi^2/\text{NDF}: 187531.9/10$

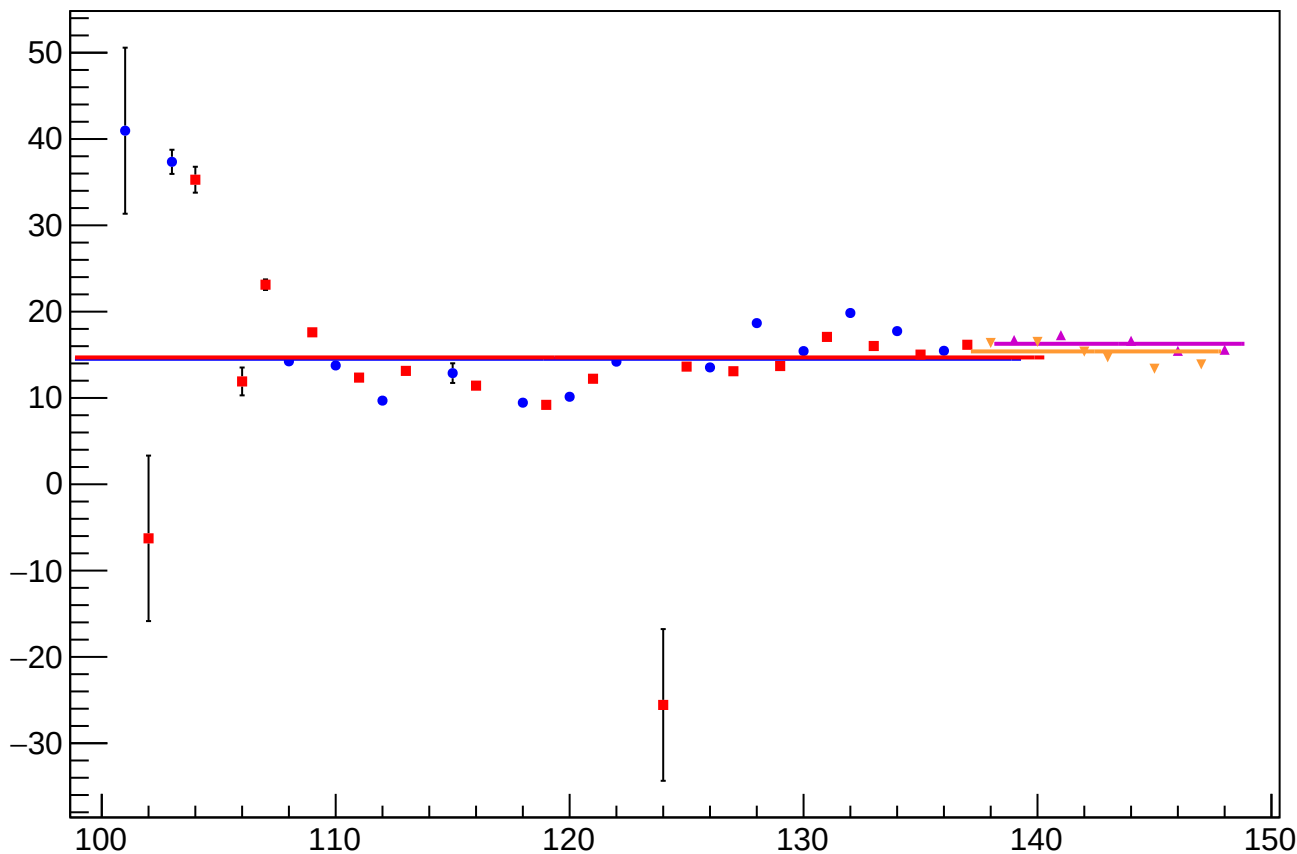
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -28.682 ± 0.024 $\chi^2/\text{NDF}: 209551.5/19$

Out: -25.628 ± 0.032 $\chi^2/\text{NDF}: 202979.4/23$

All: -27.537 ± 0.019 $\chi^2/\text{NDF}: 418362.8/43$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.392+/-0.033 χ^2/NDF :1209.7/5

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.276+/-0.030 χ^2/NDF :619.4/4

Left: 15.875+/-0.022 χ^2/NDF : 2215.6/10

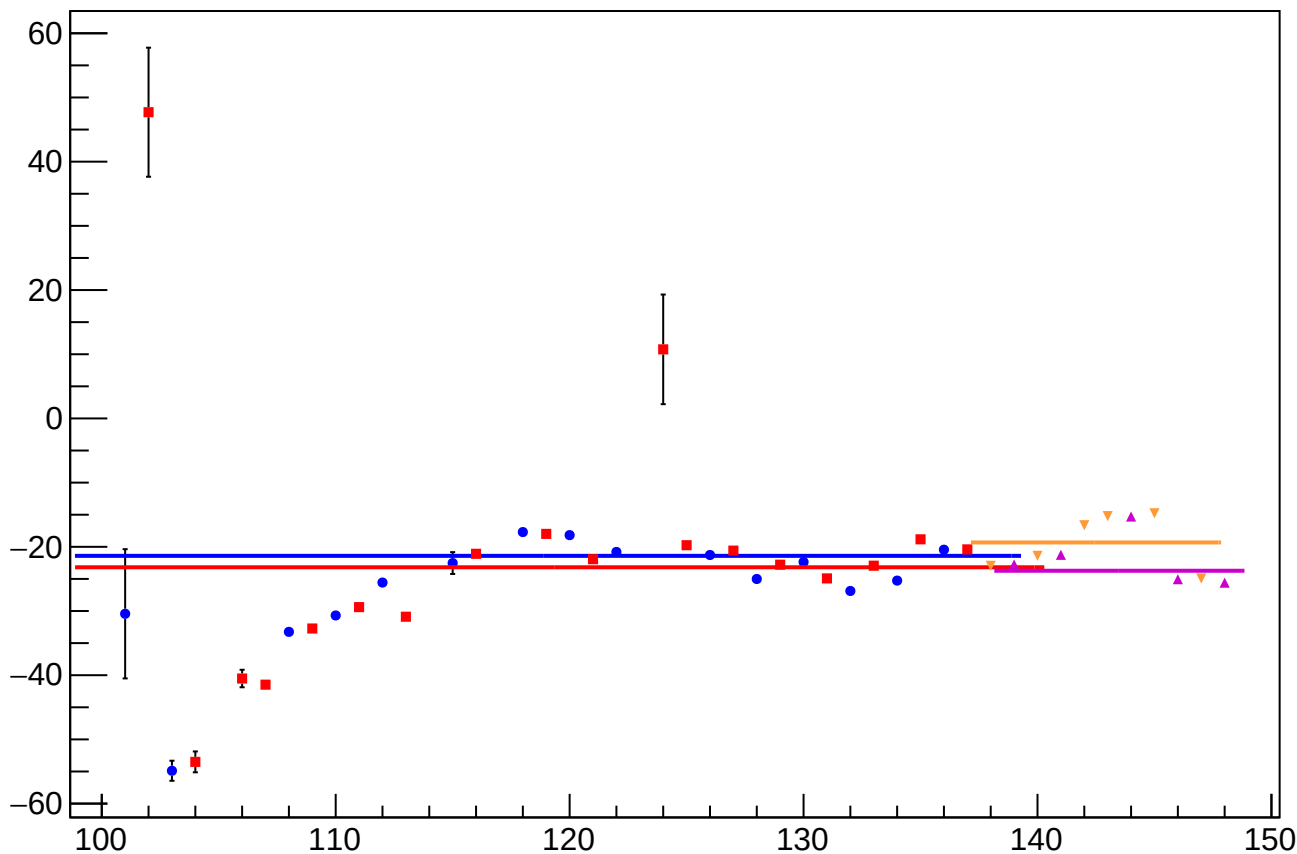
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.393+/-0.021 χ^2/NDF :14361.7/19

Out: 15.136+/-0.026 χ^2/NDF :3005.0/23

All: 15.292+/-0.017 χ^2/NDF : 17424.5/43

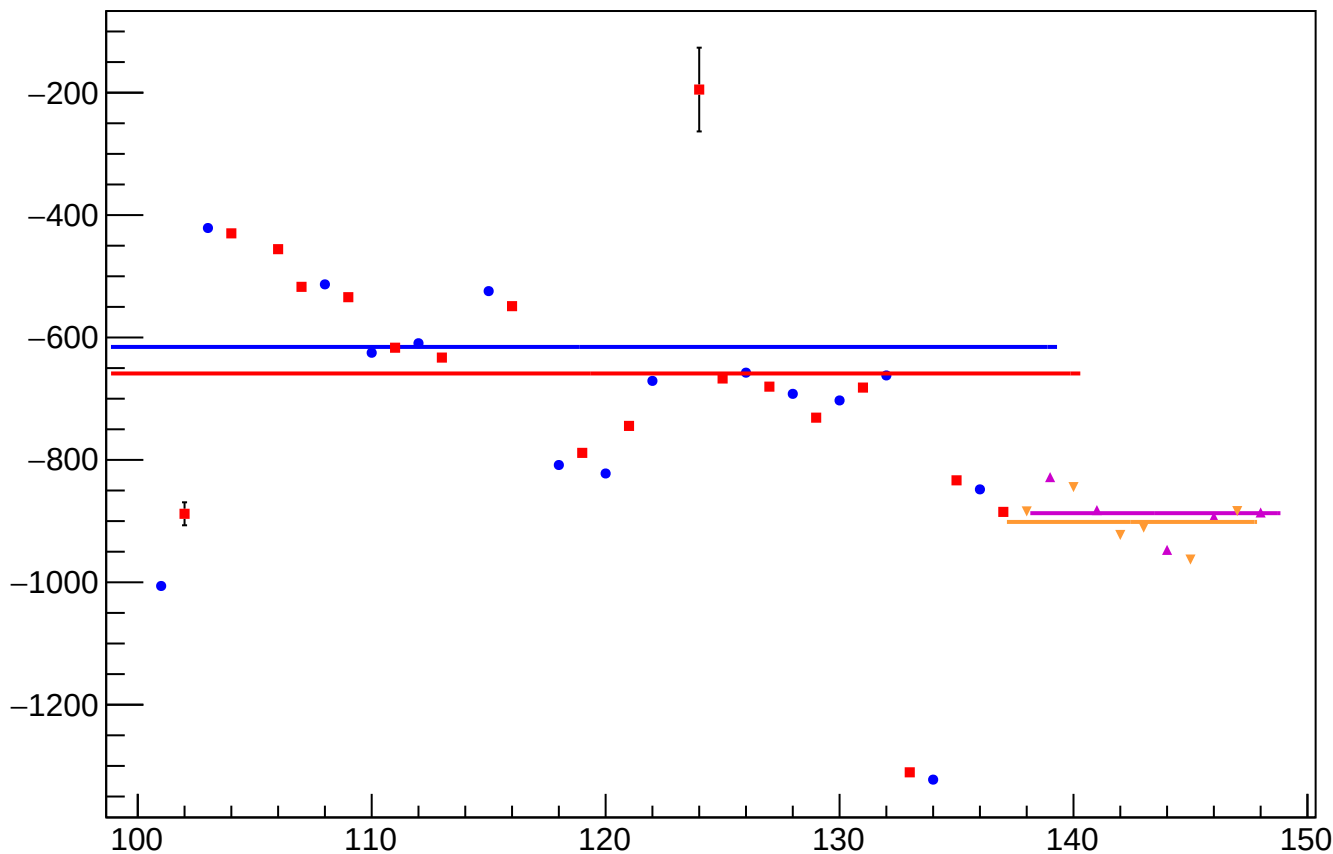
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -19.321 ± 0.036 $\chi^2/\text{NDF}: 13048.4/5$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -23.728 ± 0.038 $\chi^2/\text{NDF}: 6340.6/4$

Left: -21.426 ± 0.026 $\chi^2/\text{NDF}: 26418.5/10$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -22.491 ± 0.026 $\chi^2/\text{NDF}: 18017.2/19$
 Out: -20.618 ± 0.030 $\chi^2/\text{NDF}: 25975.2/23$
 All: -21.677 ± 0.020 $\chi^2/\text{NDF}: 46252.9/43$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2 /NDF: 382819.1/14

Left Out: -901.353+/-0.391 χ^2 /NDF: 7666.5/5

Right Out: -658.787+/-0.256 χ^2 /NDF: 385262.6/17

Left In: -887.040+/-0.269 χ^2 /NDF: 7987.2/4

Left: -891.637+/-0.222 χ^2 /NDF: 16562.0/10

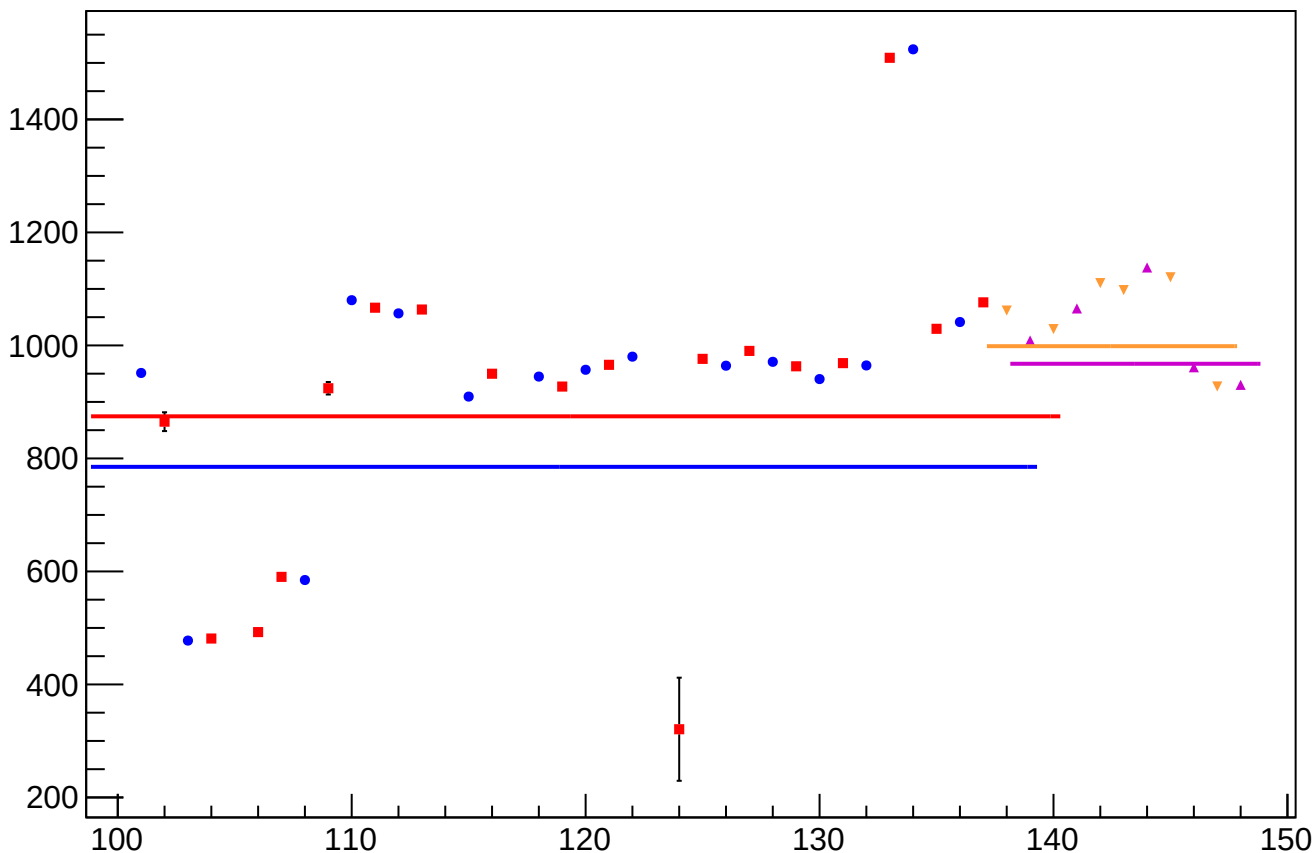
Right: -635.464+/-0.174 χ^2 /NDF: 783480.4/32

In: -734.399+/-0.178 χ^2 /NDF: 963254.6/19

Out: -731.613+/-0.214 χ^2 /NDF: 661854.6/23

All: -733.261+/-0.137 χ^2 /NDF: 1625209.0/43

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 998.651+/-0.394 χ^2/NDF : 41727.5/5

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 967.520+/-0.258 χ^2/NDF : 59421.2/4

Left: 976.854+/-0.216 χ^2/NDF : 105509.5/10

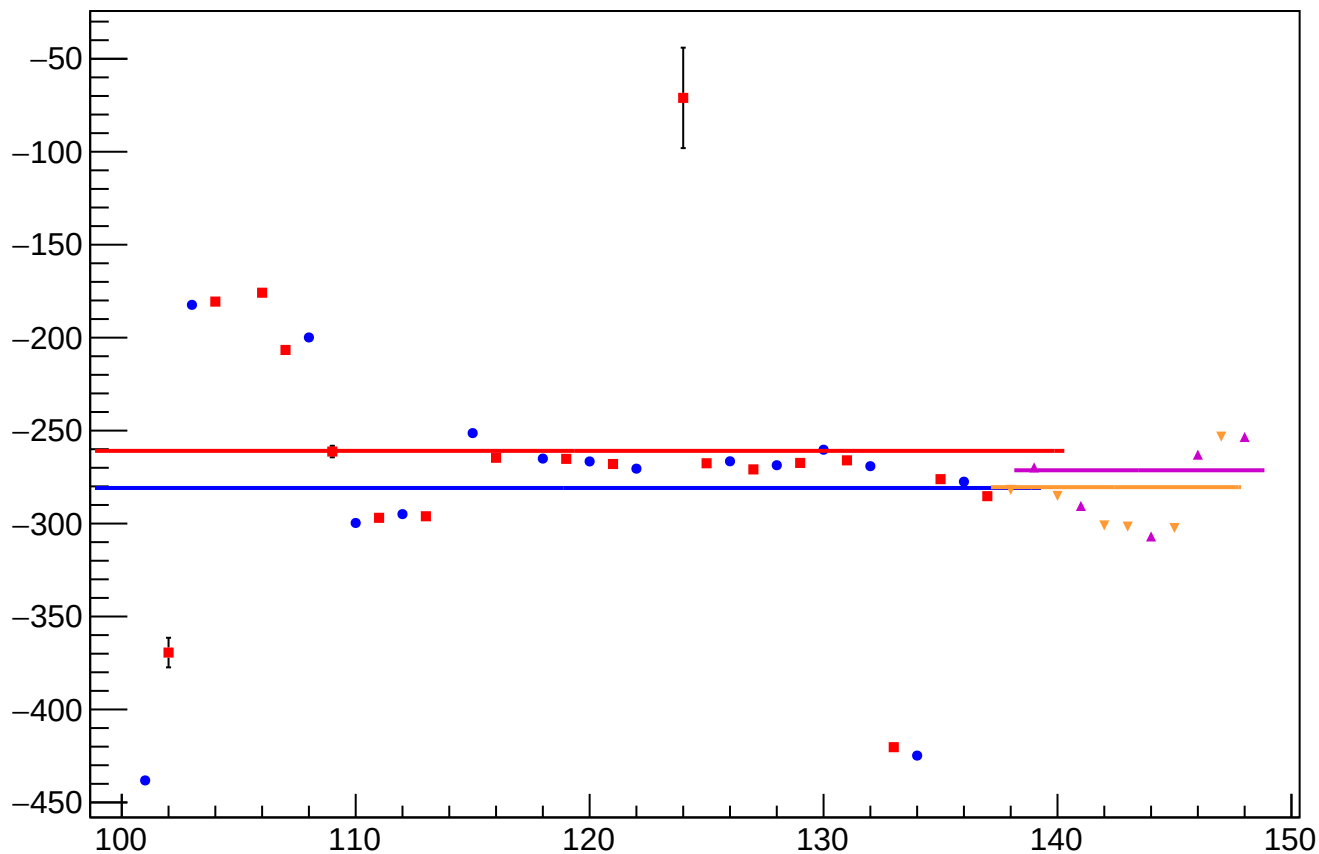
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 865.058+/-0.171 χ^2/NDF : 1226082.3/19

Out: 912.365+/-0.218 χ^2/NDF : 953127.2/23

All: 883.084+/-0.134 χ^2/NDF : 2208405.5/43

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -280.428+/-0.085 χ^2/NDF : 61401.3/5

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -271.343+/-0.052 χ^2/NDF : 98071.3/4

Left: -273.793+/-0.044 χ^2/NDF : 167728.4/10

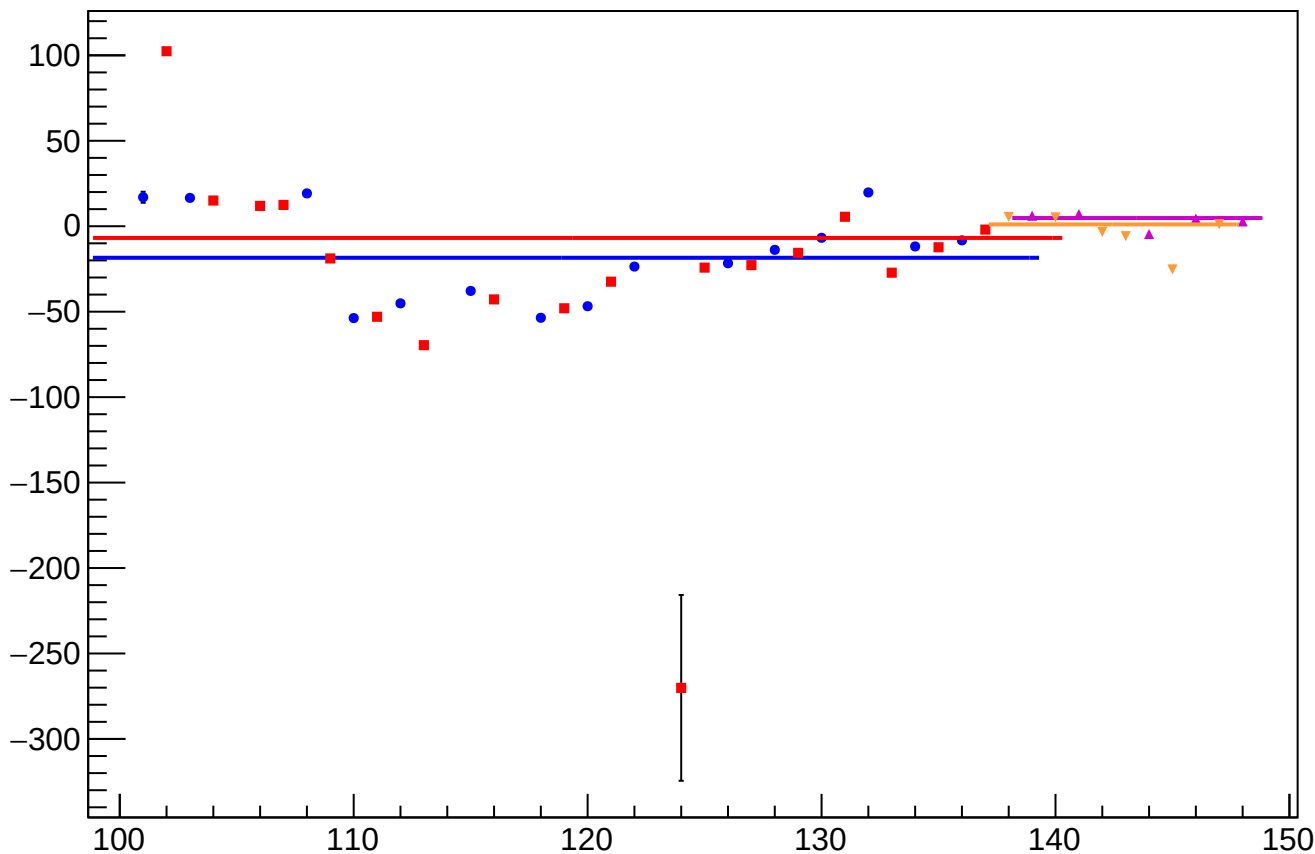
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -275.532+/-0.039 χ^2/NDF : 986464.9/19

Out: -268.409+/-0.053 χ^2/NDF : 441266.4/23

All: -273.043+/-0.031 χ^2/NDF : 1439482.8/43

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452+/-0.091 χ^2/NDF : 46574.6/14

Left Out: 1.068+/-0.065 χ^2/NDF : 5415.8/5

Right Out: -6.843+/-0.065 χ^2/NDF : 50023.0/17

Left In: 4.797+/-0.066 χ^2/NDF : 1923.1/4

Left: 2.896+/-0.046 χ^2/NDF : 8962.5/10

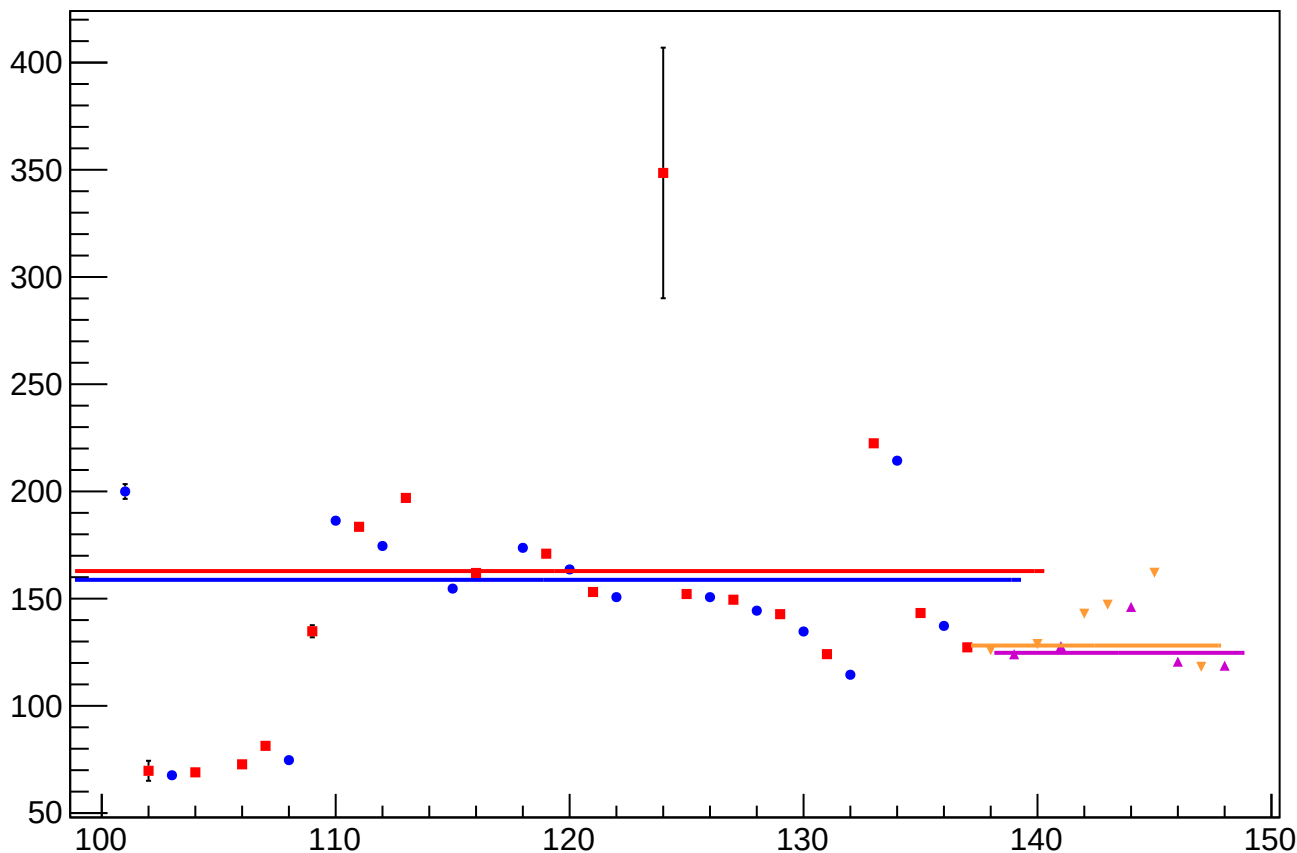
Right: -10.715+/-0.053 χ^2/NDF : 107378.5/32

In: -3.199+/-0.054 χ^2/NDF : 91066.2/19

Out: -2.901+/-0.046 χ^2/NDF : 62917.7/23

All: -3.027+/-0.035 χ^2/NDF : 154001.8/43

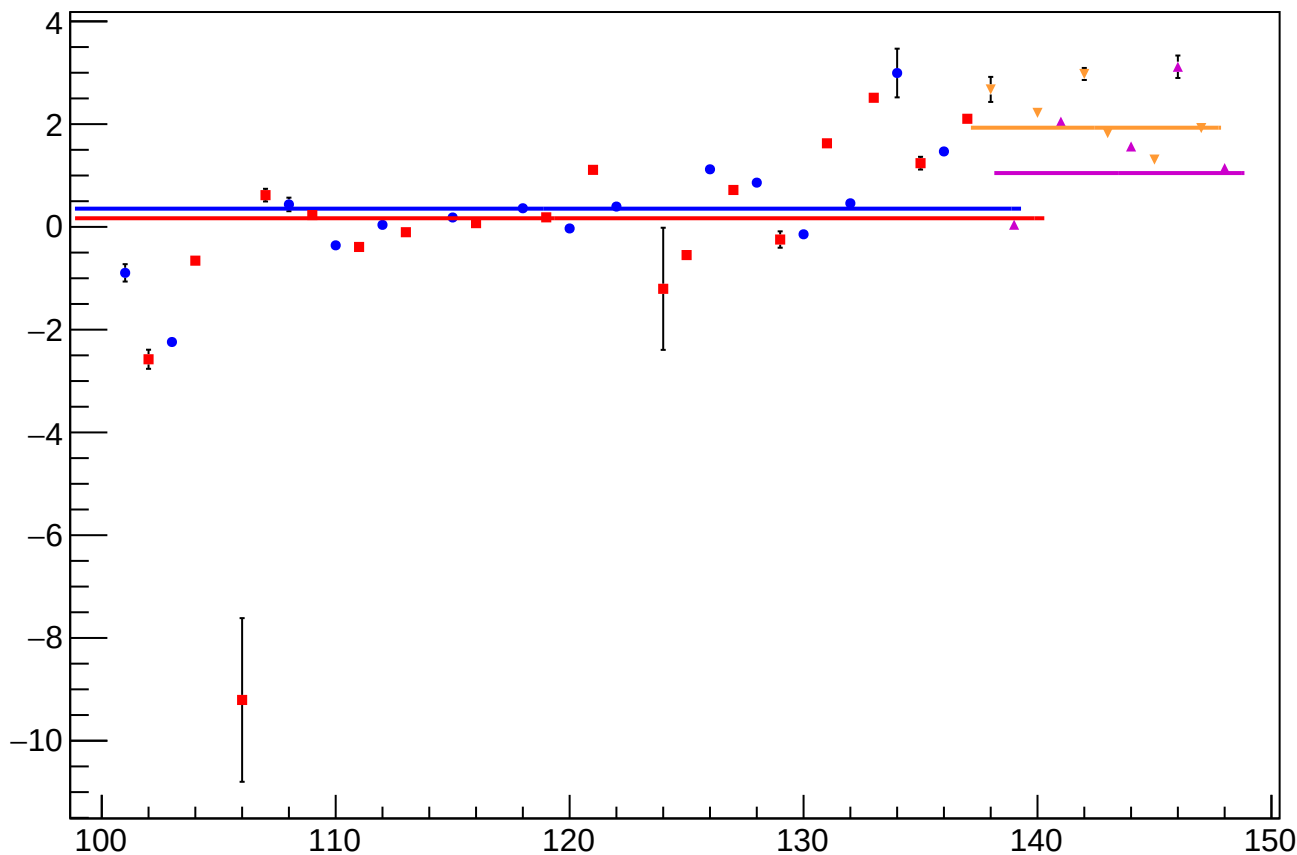
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 128.131 $\pm$ 0.082 χ^2 /NDF: 23371.0/5
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 124.726 $\pm$ 0.072 χ^2 /NDF: 8616.4/4

Left: 126.213 $\pm$ 0.054 χ^2 /NDF: 32962.6/10
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 138.332 $\pm$ 0.056 χ^2 /NDF: 256867.6/19
 Out: 143.237 $\pm$ 0.062 χ^2 /NDF: 257863.3/23
 All: 140.547 $\pm$ 0.041 χ^2 /NDF: 518218.2/43

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.930 ± 0.023 χ^2/NDF : 244.0/5

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.048 ± 0.018 χ^2/NDF : 2112.6/4

Left: 1.374 ± 0.014 χ^2/NDF : 3257.6/10

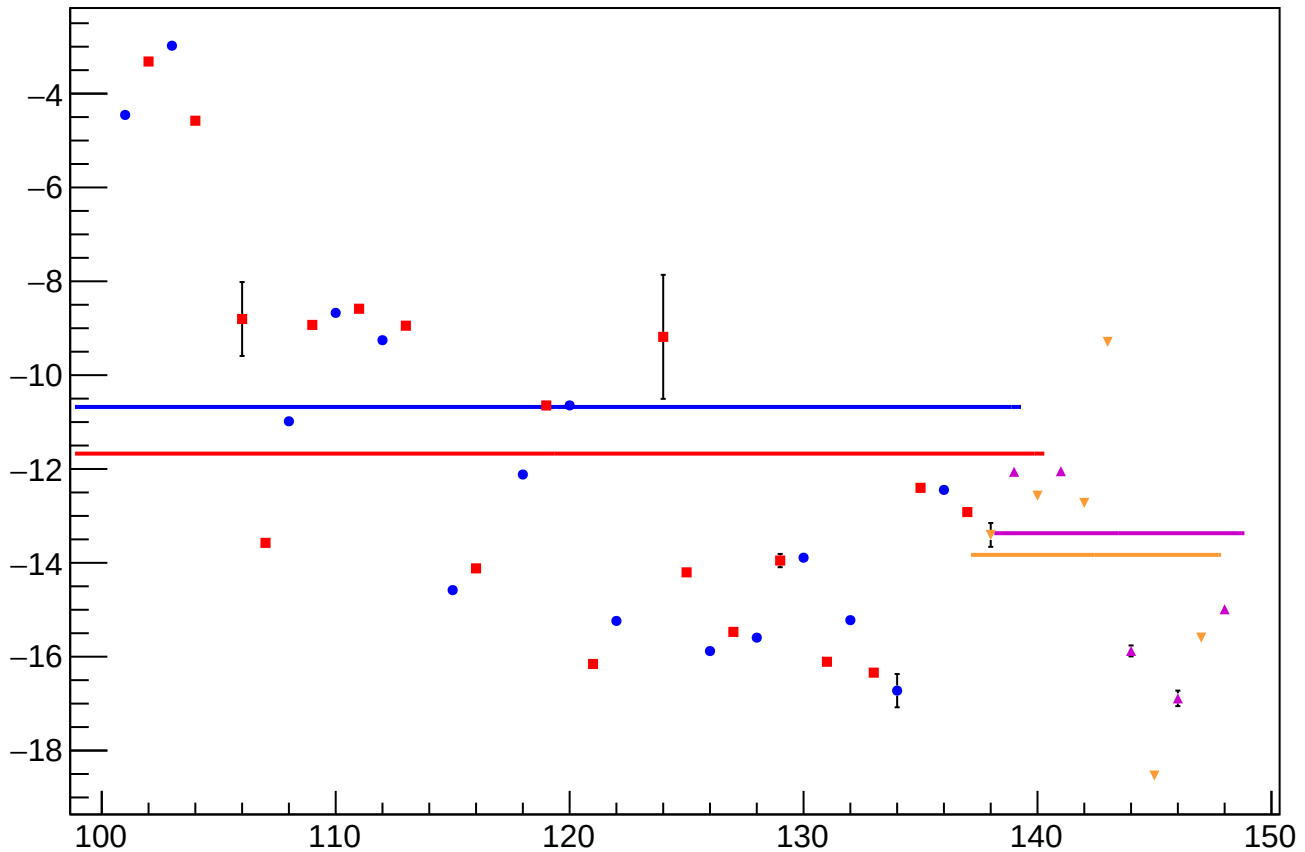
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.564 ± 0.010 χ^2/NDF : 7170.5/19

Out: 0.339 ± 0.007 χ^2/NDF : 9980.4/23

All: 0.418 ± 0.006 χ^2/NDF : 17491.0/43

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -13.830 ± 0.019 $\chi^2/\text{NDF}: 25271.0/5$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -13.368 ± 0.023 $\chi^2/\text{NDF}: 4607.9/4$

Left: -13.641 ± 0.015 $\chi^2/\text{NDF}: 30115.6/10$

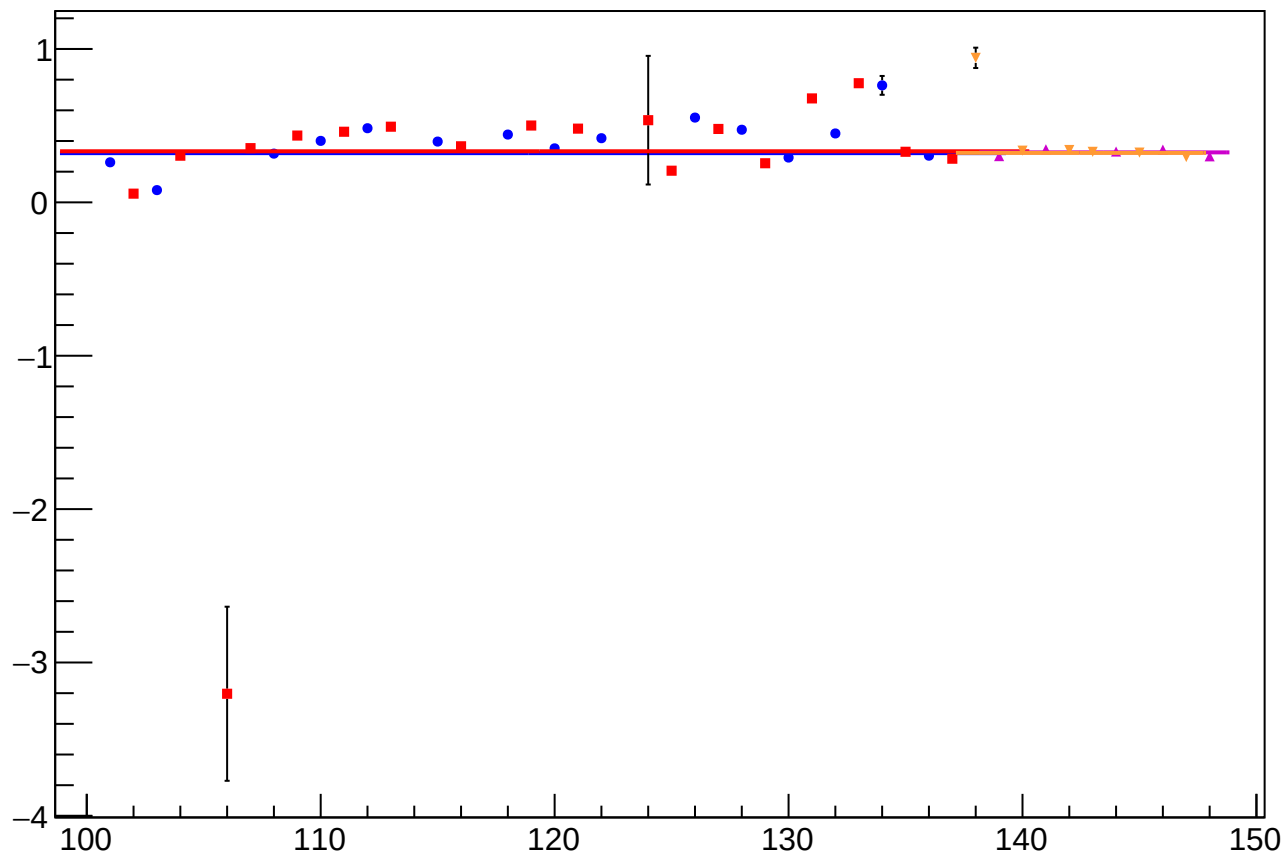
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -11.123 ± 0.009 $\chi^2/\text{NDF}: 242749.3/19$

Out: -12.252 ± 0.010 $\chi^2/\text{NDF}: 142359.8/23$

All: -11.655 ± 0.007 $\chi^2/\text{NDF}: 391919.8/43$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.322 ± 0.001 $\chi^2/\text{NDF}: 1218.7/5$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.326 ± 0.001 $\chi^2/\text{NDF}: 704.8/4$

Left: 0.324 ± 0.000 $\chi^2/\text{NDF}: 1938.9/10$

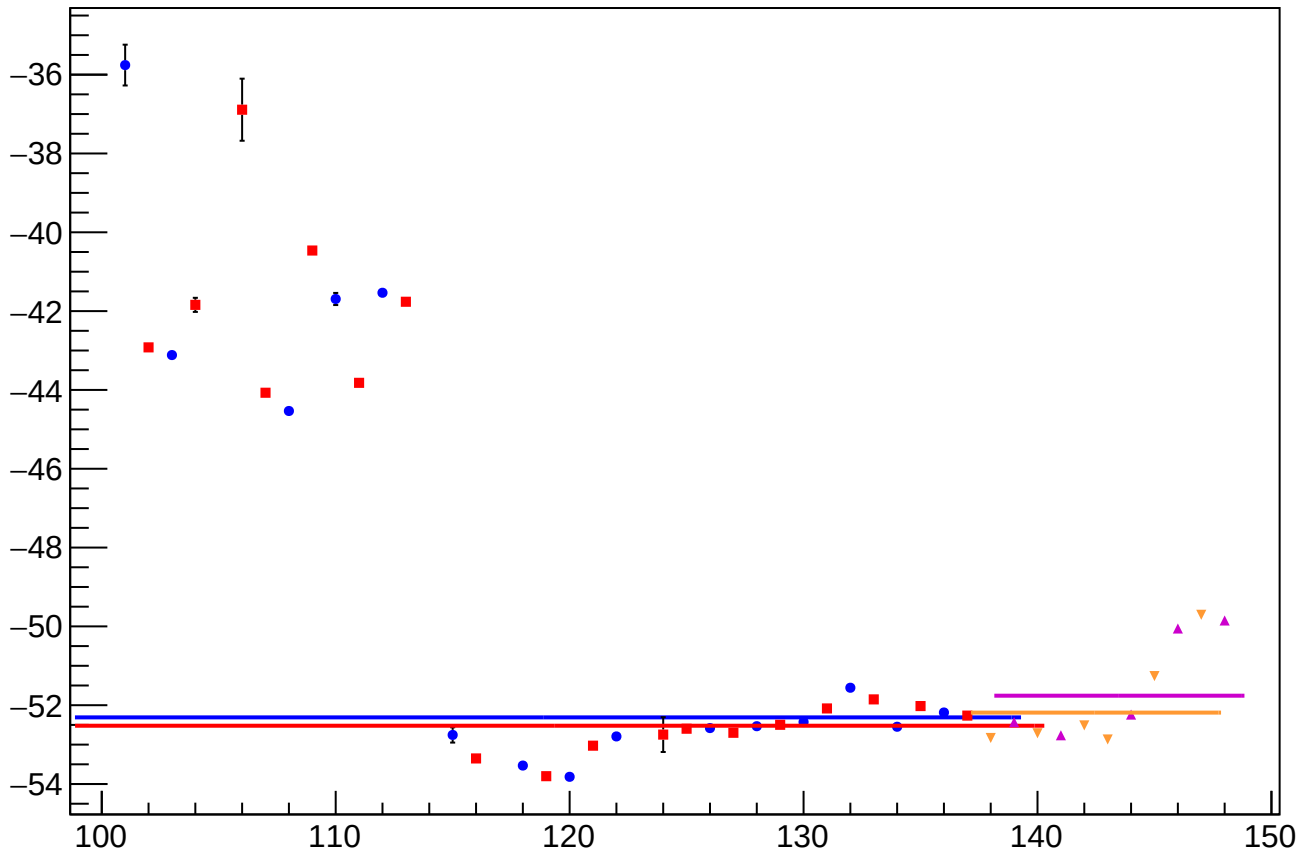
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.324 ± 0.001 $\chi^2/\text{NDF}: 4741.0/19$

Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 5448.3/23$

All: 0.324 ± 0.000 $\chi^2/\text{NDF}: 10189.4/43$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.188 $\pm$ 0.005 χ^2 /NDF: 59736.7/5

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -51.759 $\pm$ 0.005 χ^2 /NDF: 54681.5/4

Left: -51.986 $\pm$ 0.004 χ^2 /NDF: 117911.1/10

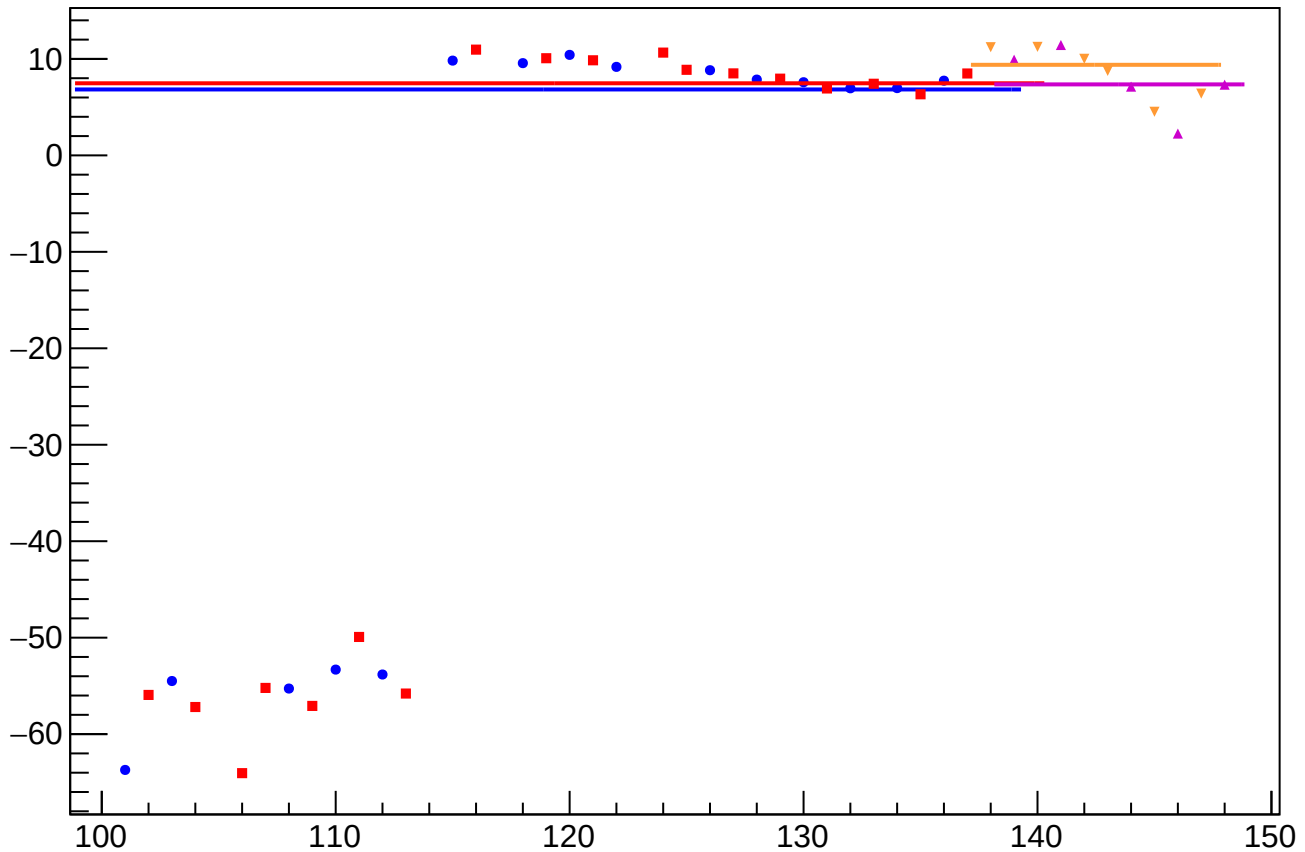
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.083 $\pm$ 0.003 χ^2 /NDF: 114535.7/19

Out: -52.367 $\pm$ 0.003 χ^2 /NDF: 138764.0/23

All: -52.225 $\pm$ 0.002 χ^2 /NDF: 256840.0/43

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF : 990576.4/14

Left Out: 9.389+/-0.012 χ^2/NDF : 32464.9/5

Right Out: 7.474+/-0.009 χ^2/NDF : 1195498.7/17

Left In: 7.359+/-0.013 χ^2/NDF : 72720.8/4

Left: 8.414+/-0.009 χ^2/NDF : 118805.3/10

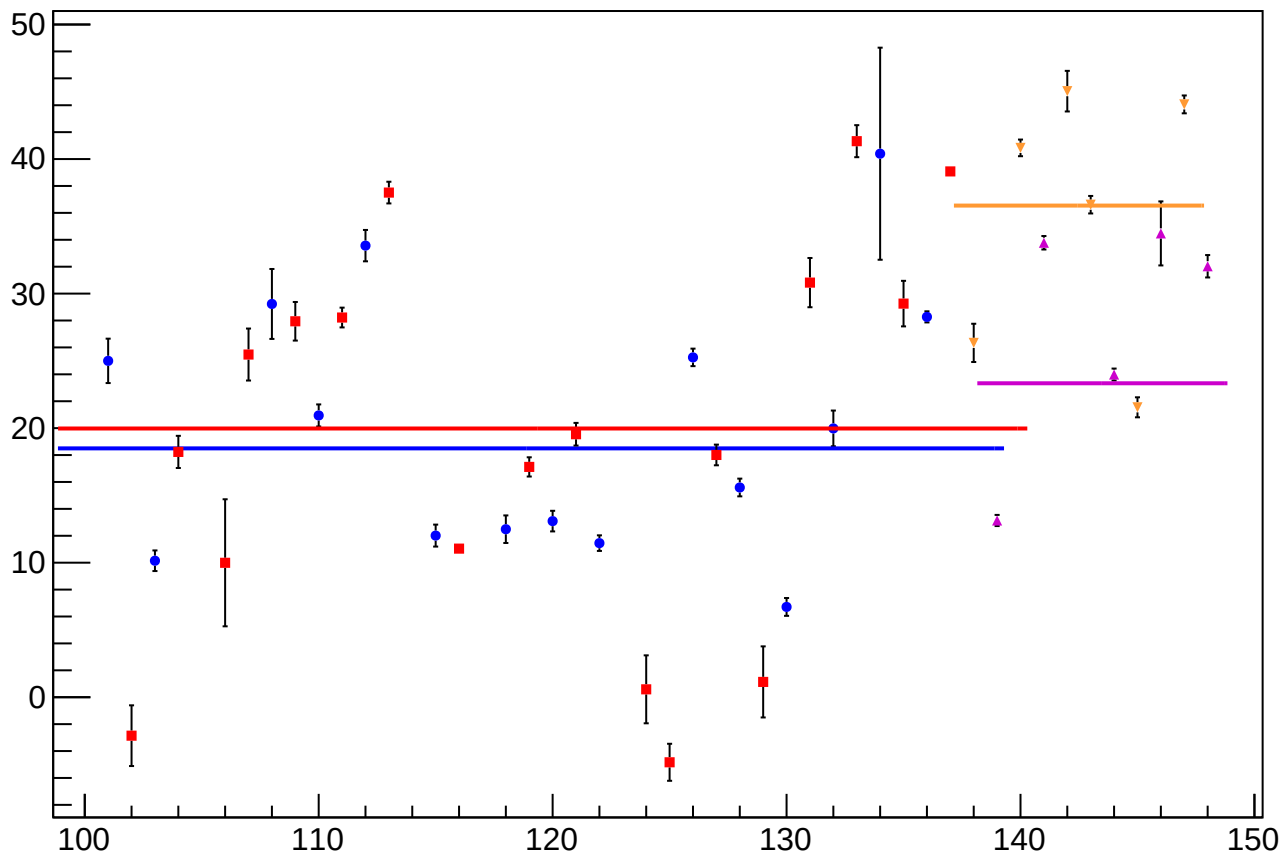
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

In: 6.907+/-0.005 χ^2/NDF : 1064806.8/19

Out: 8.188+/-0.007 χ^2/NDF : 1243793.6/23

All: 7.278+/-0.004 χ^2/NDF : 2330102.9/43

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 36.542 ± 0.317 $\chi^2/\text{NDF}: 665.9/5$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.335 ± 0.246 $\chi^2/\text{NDF}: 1173.9/4$

Left: 28.314 ± 0.194 $\chi^2/\text{NDF}: 2924.4/10$

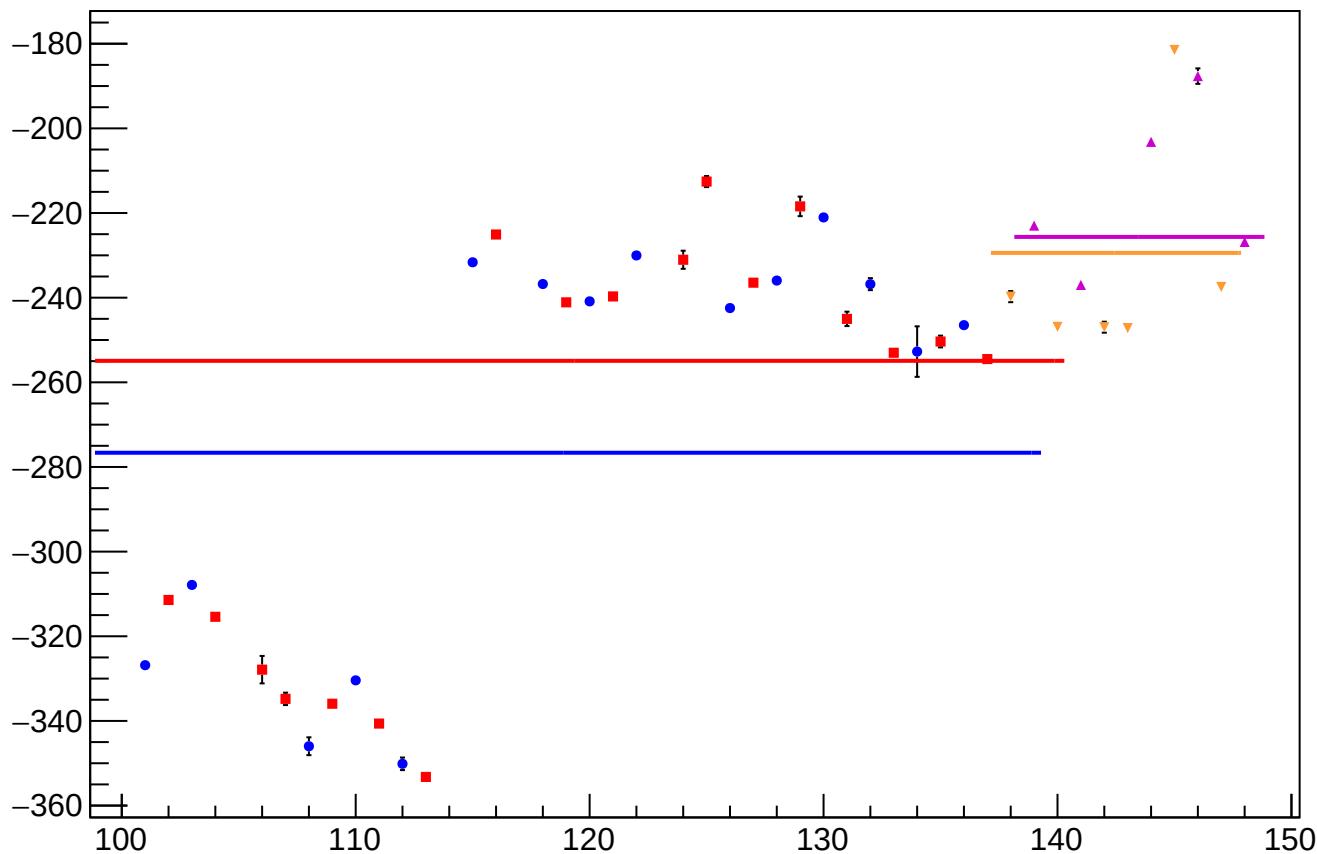
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 20.420 ± 0.155 $\chi^2/\text{NDF}: 3043.3/19$

Out: 22.371 ± 0.120 $\chi^2/\text{NDF}: 12210.6/23$

All: 21.638 ± 0.095 $\chi^2/\text{NDF}: 15352.4/43$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -229.420 $\pm$ 0.258 χ^2 /NDF:10501.5/5

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -225.648 $\pm$ 0.236 χ^2 /NDF:2118.4/4

Left: -227.372 $\pm$ 0.174 χ^2 /NDF: 12736.3/10

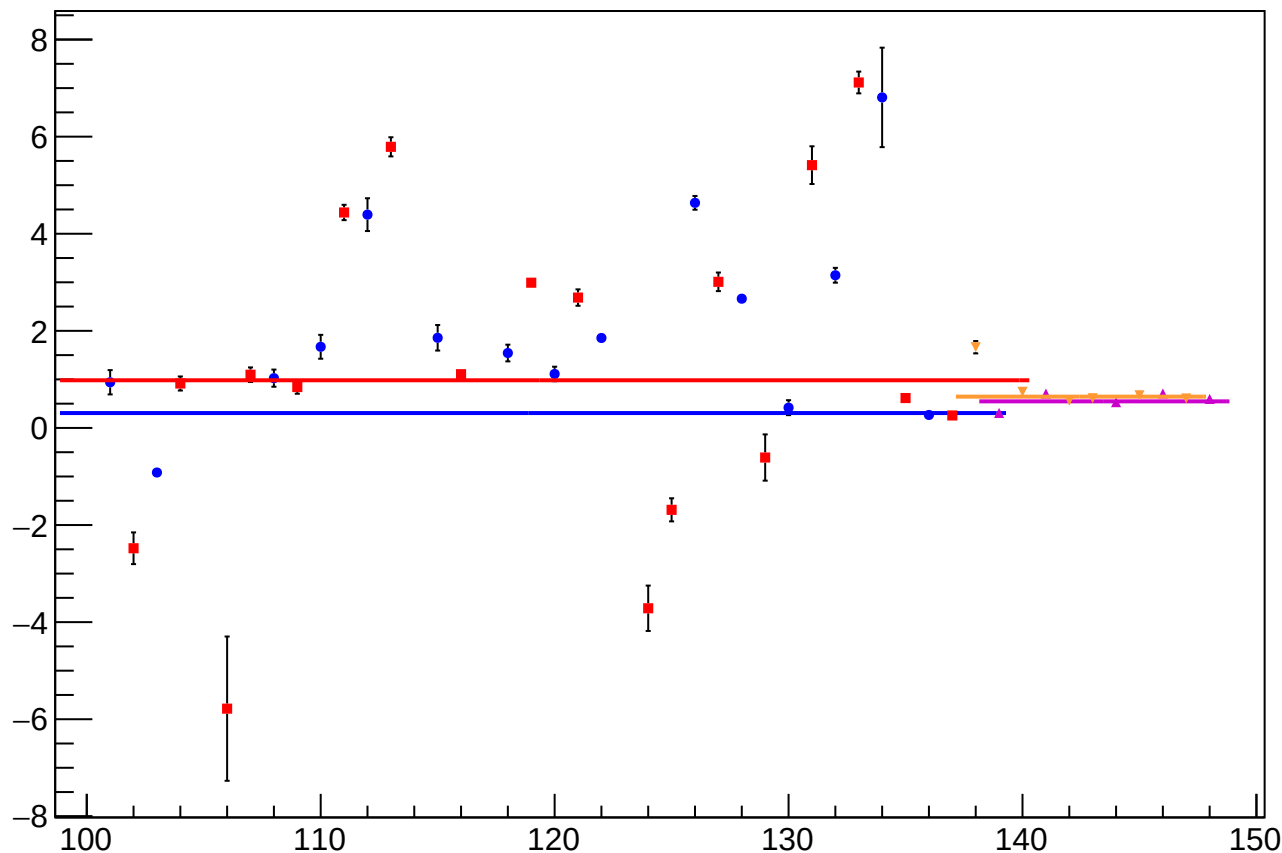
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -262.333 $\pm$ 0.125 χ^2 /NDF:112737.6/19

Out: -253.109 $\pm$ 0.069 χ^2 /NDF:91557.8/23

All: -255.242 $\pm$ 0.060 χ^2 /NDF: 208471.9/43

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.645 ± 0.004 χ^2/NDF : 257.6/5

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.547 ± 0.004 χ^2/NDF : 1611.7/4

Left: 0.592 ± 0.003 χ^2/NDF : 2136.2/10

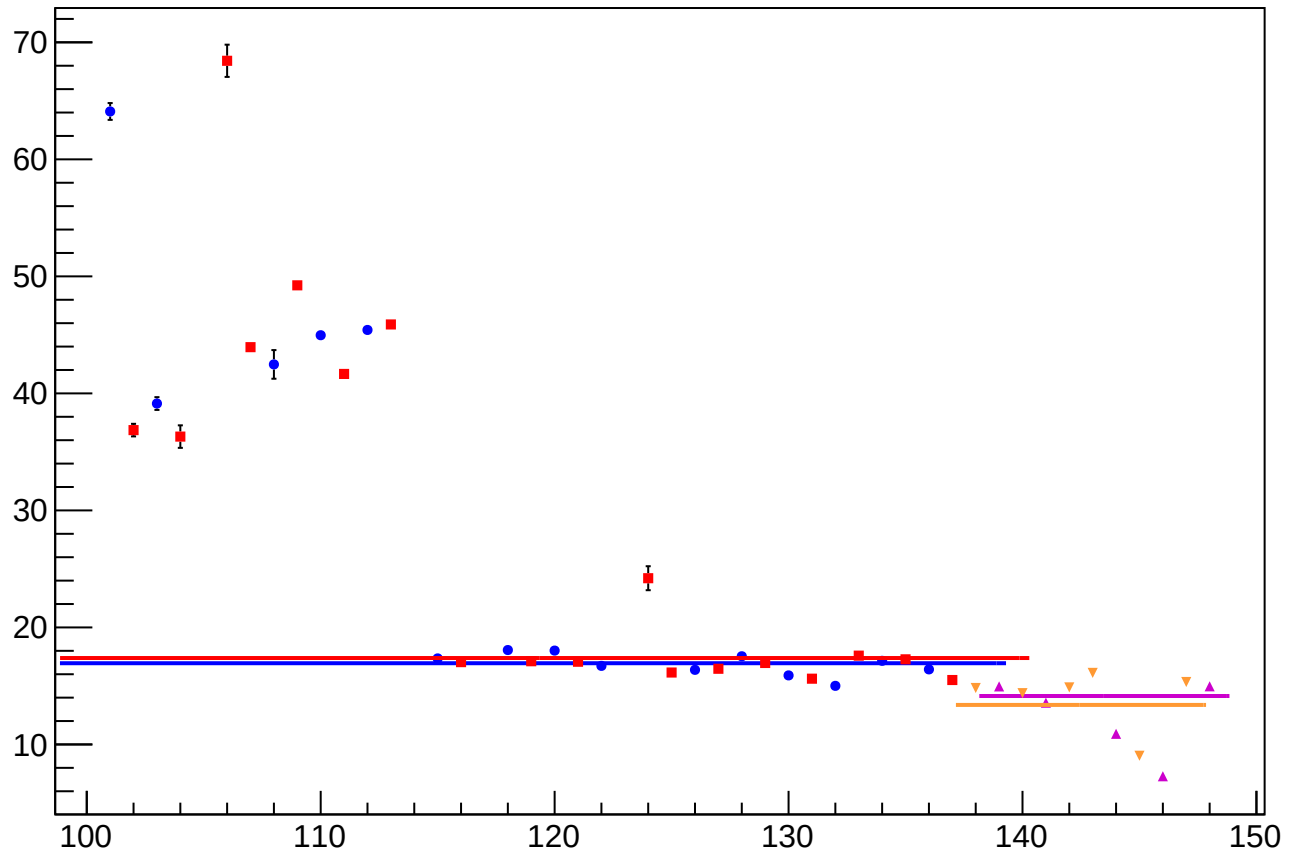
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.482 ± 0.003 χ^2/NDF : 5359.6/19

Out: 0.672 ± 0.004 χ^2/NDF : 4117.1/23

All: 0.559 ± 0.003 χ^2/NDF : 10699.4/43

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.377 ± 0.014 $\chi^2/\text{NDF}: 41252.8/5$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.140 ± 0.023 $\chi^2/\text{NDF}: 4961.1/4$

Left: 13.595 ± 0.012 $\chi^2/\text{NDF}: 47016.6/10$

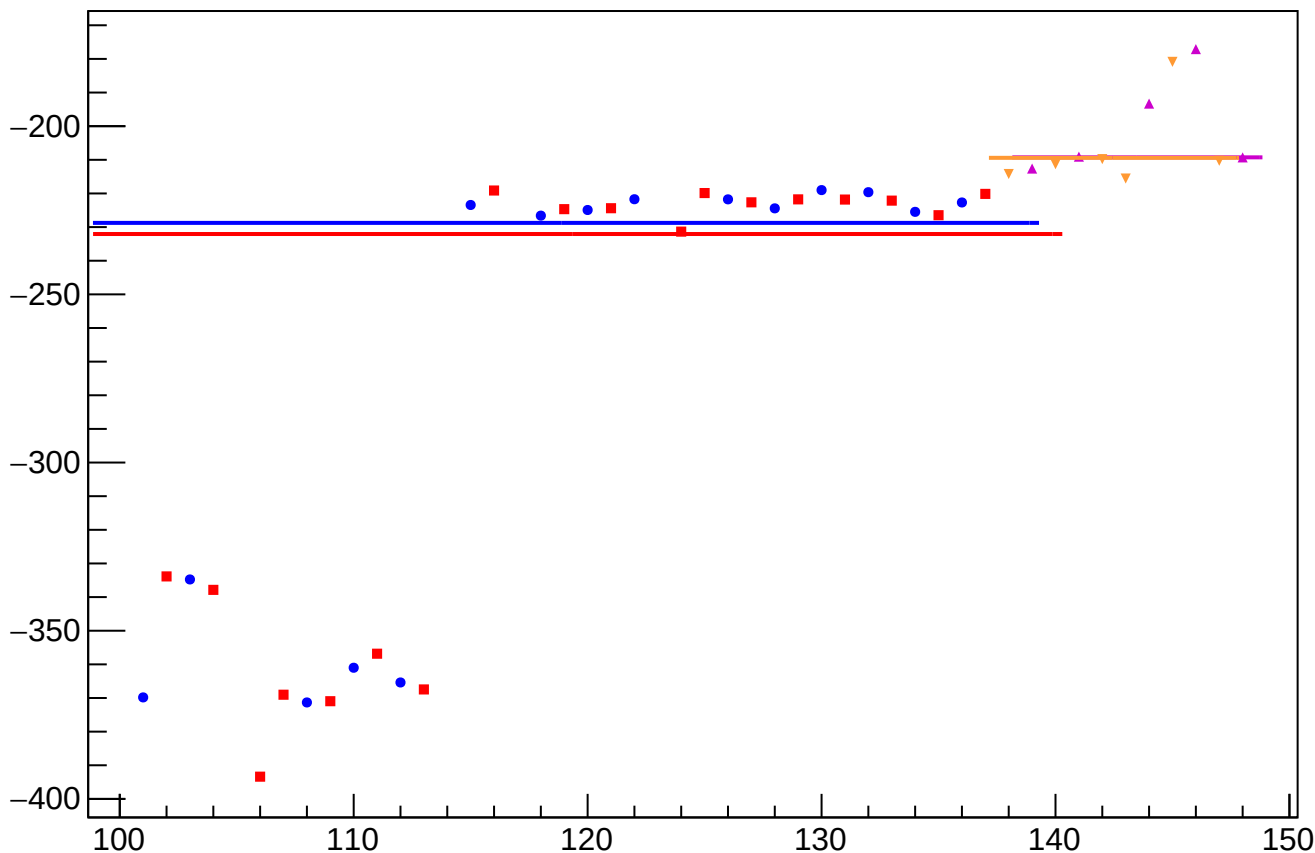
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.262 ± 0.011 $\chi^2/\text{NDF}: 45467.1/19$

Out: 14.982 ± 0.011 $\chi^2/\text{NDF}: 133510.0/23$

All: 15.618 ± 0.008 $\chi^2/\text{NDF}: 185544.3/43$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -209.408 ± 0.035 $\chi^2/\text{NDF}: 64965.5/5$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.266 ± 0.038 $\chi^2/\text{NDF}: 8959.2/4$

Left: -209.342 ± 0.026 $\chi^2/\text{NDF}: 73932.2/10$

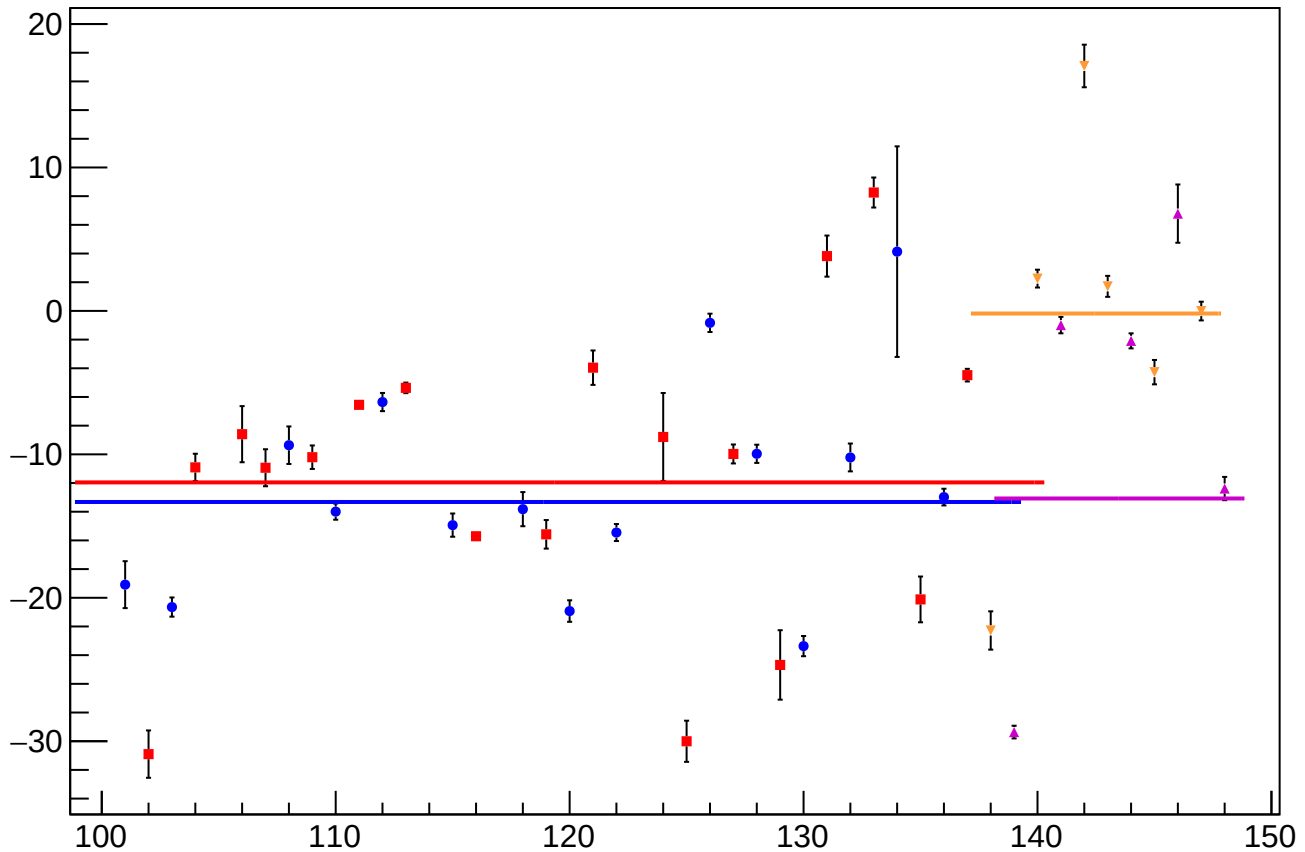
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -219.946 ± 0.026 $\chi^2/\text{NDF}: 809094.2/19$

Out: -218.969 ± 0.027 $\chi^2/\text{NDF}: 1030288.4/23$

All: -219.479 ± 0.019 $\chi^2/\text{NDF}: 1840074.5/43$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14

Left Out: -0.182+/-0.330 χ^2/NDF : 454.2/5

Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17

Left In: -13.077+/-0.272 χ^2/NDF : 2329.5/4

Left: -7.859+/-0.210 χ^2/NDF : 3694.4/10

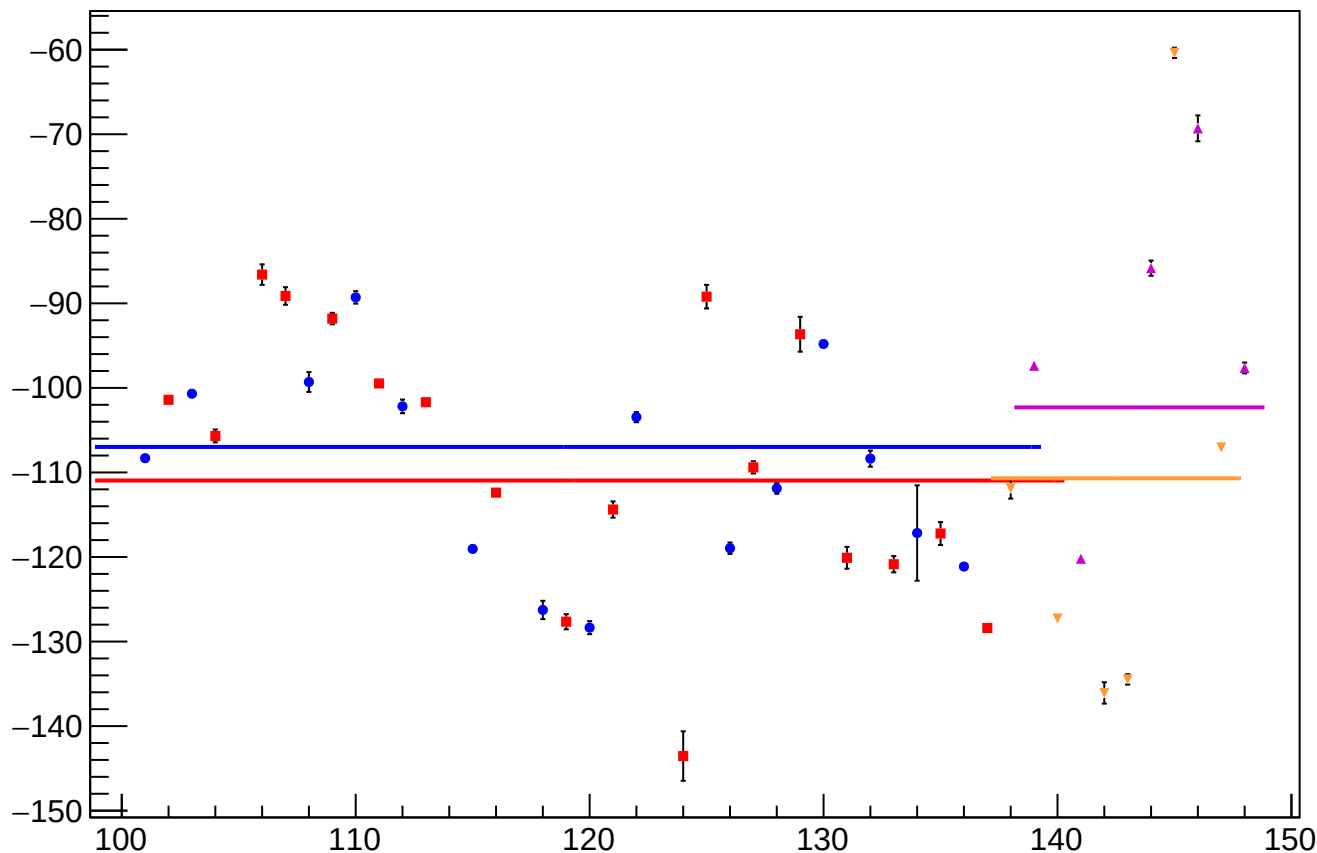
Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32

In: -13.239+/-0.158 χ^2/NDF : 3343.1/19

Out: -10.727+/-0.107 χ^2/NDF : 4083.5/23

All: -11.514+/-0.088 χ^2/NDF : 7600.7/43

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -110.691 ± 0.263 $\chi^2/\text{NDF}: 9928.6/5$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -102.306 ± 0.244 $\chi^2/\text{NDF}: 2561.9/4$

Left: -106.186 ± 0.179 $\chi^2/\text{NDF}: 13035.7/10$

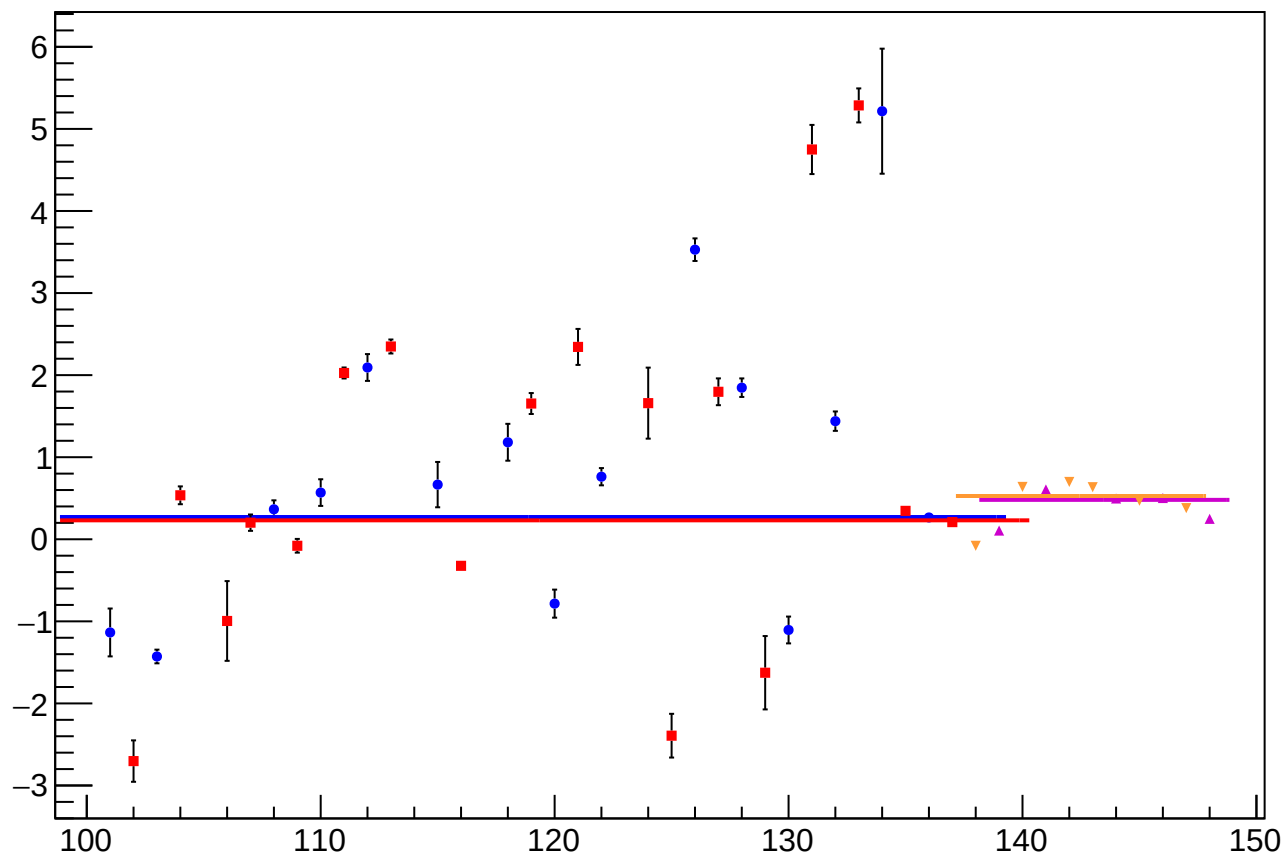
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.194 ± 0.100 $\chi^2/\text{NDF}: 7524.9/19$

Out: -110.945 ± 0.049 $\chi^2/\text{NDF}: 20604.5/23$

All: -110.021 ± 0.044 $\chi^2/\text{NDF}: 29936.6/43$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.527 ± 0.005 χ^2/NDF : 1297.2/5

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.480 ± 0.004 χ^2/NDF : 2561.9/4

Left: 0.496 ± 0.003 χ^2/NDF : 3917.4/10

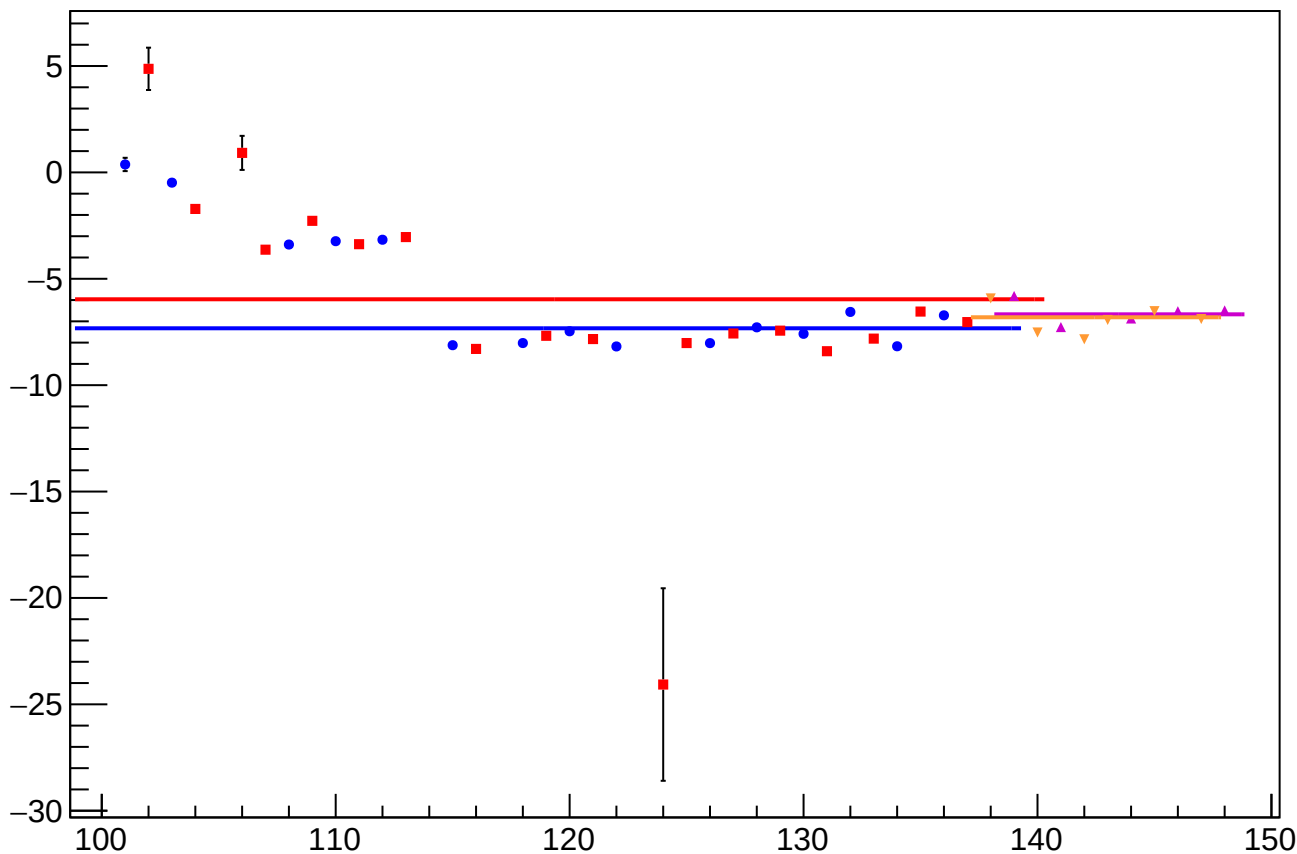
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.415 ± 0.003 χ^2/NDF : 5236.4/19

Out: 0.360 ± 0.003 χ^2/NDF : 6169.6/23

All: 0.391 ± 0.002 χ^2/NDF : 11559.0/43

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.809 ± 0.011 χ^2/NDF : 1430.7/5

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.671 ± 0.009 χ^2/NDF : 2737.6/4

Left: -6.728 ± 0.007 χ^2/NDF : 4262.2/10

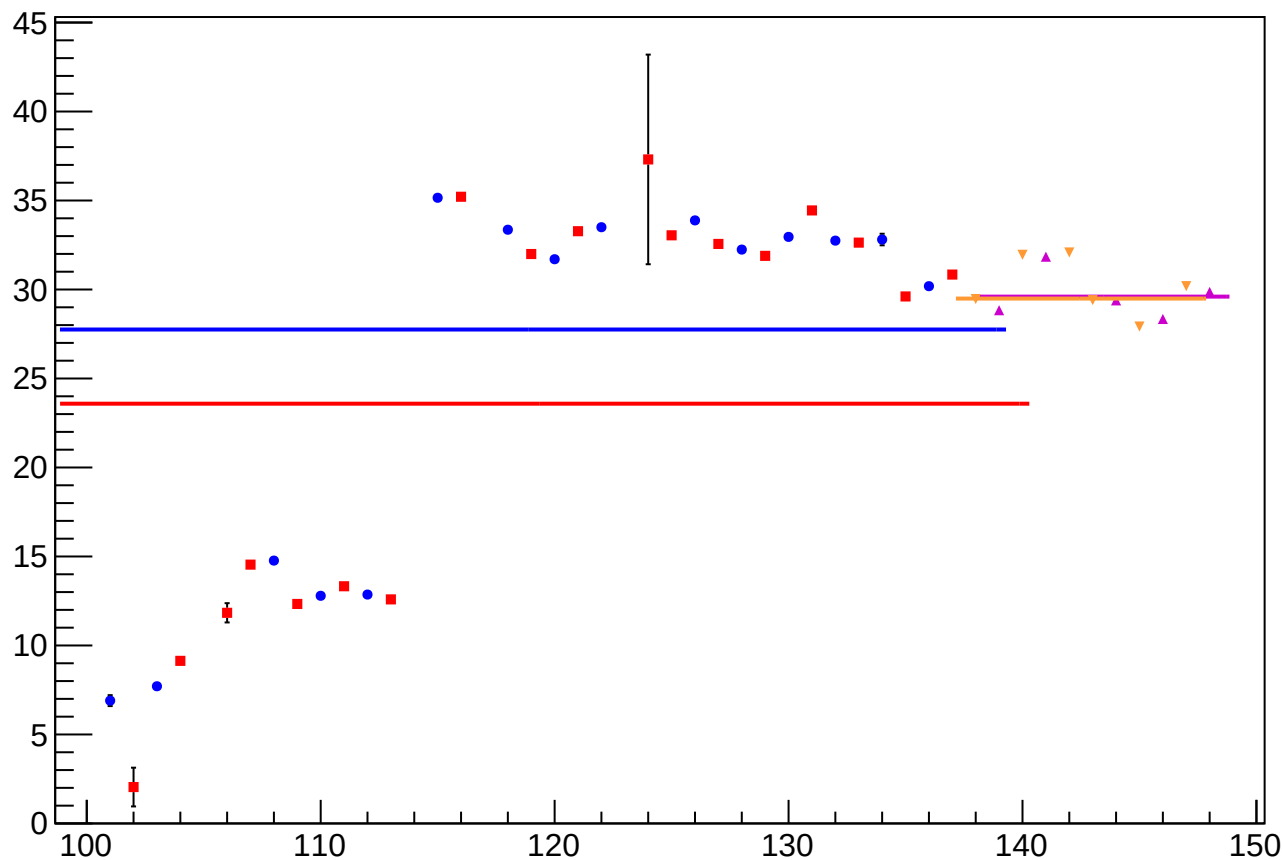
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -7.029 ± 0.006 χ^2/NDF : 36014.5/19

Out: -6.294 ± 0.007 χ^2/NDF : 76863.0/23

All: -6.699 ± 0.005 χ^2/NDF : 119210.2/43

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.491 $\pm$ 0.020 χ^2/NDF : 5850.5/5

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.601 $\pm$ 0.023 χ^2/NDF : 1450.3/4

Left: 29.538 $\pm$ 0.015 χ^2/NDF : 7313.8/10

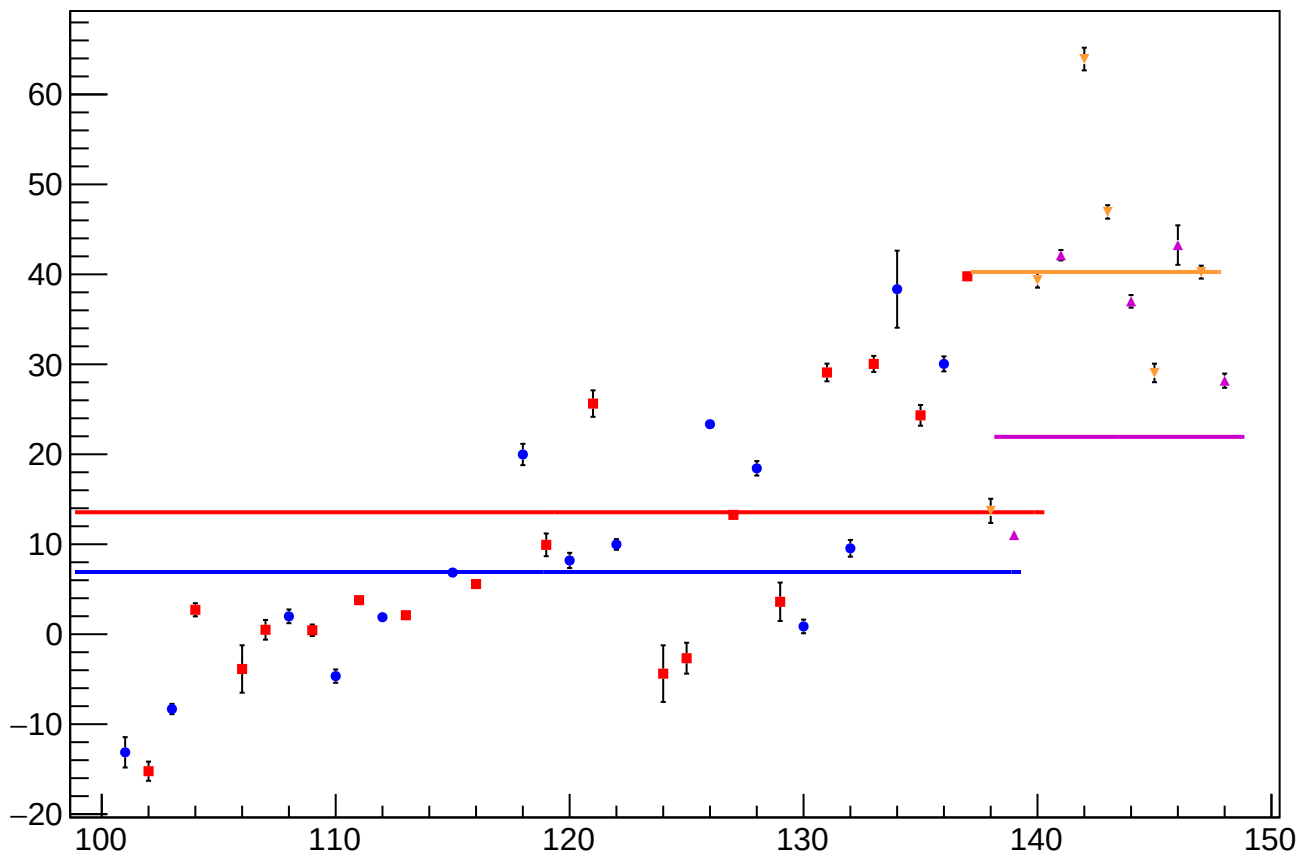
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.309 $\pm$ 0.013 χ^2/NDF : 338932.7/19

Out: 25.485 $\pm$ 0.011 χ^2/NDF : 605139.6/23

All: 26.747 $\pm$ 0.008 χ^2/NDF : 972017.2/43

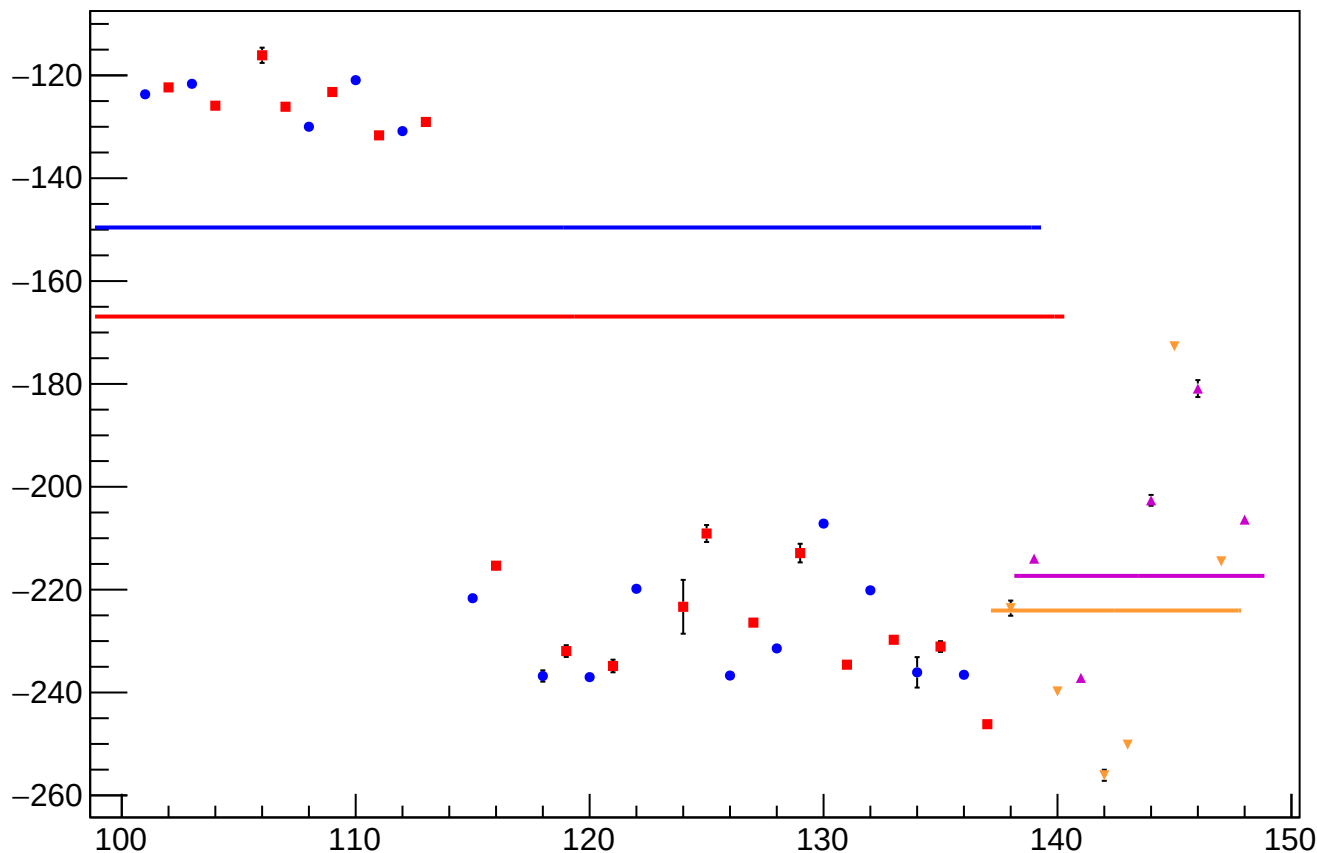
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 40.264 ± 0.371 $\chi^2/\text{NDF}: 940.6/5$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 21.937 ± 0.247 $\chi^2/\text{NDF}: 2978.0/4$

Left: 27.544 ± 0.205 $\chi^2/\text{NDF}: 5608.5/10$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 12.007 ± 0.144 $\chi^2/\text{NDF}: 8934.2/19$
 Out: 17.092 ± 0.135 $\chi^2/\text{NDF}: 17084.0/23$
 All: 14.703 ± 0.098 $\chi^2/\text{NDF}: 26683.6/43$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -224.059 $\pm$ 0.307 χ^2 /NDF: 8391.2/5

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -217.323 $\pm$ 0.218 χ^2 /NDF: 3038.8/4

Left: -219.579 $\pm$ 0.178 χ^2 /NDF: 11750.4/10

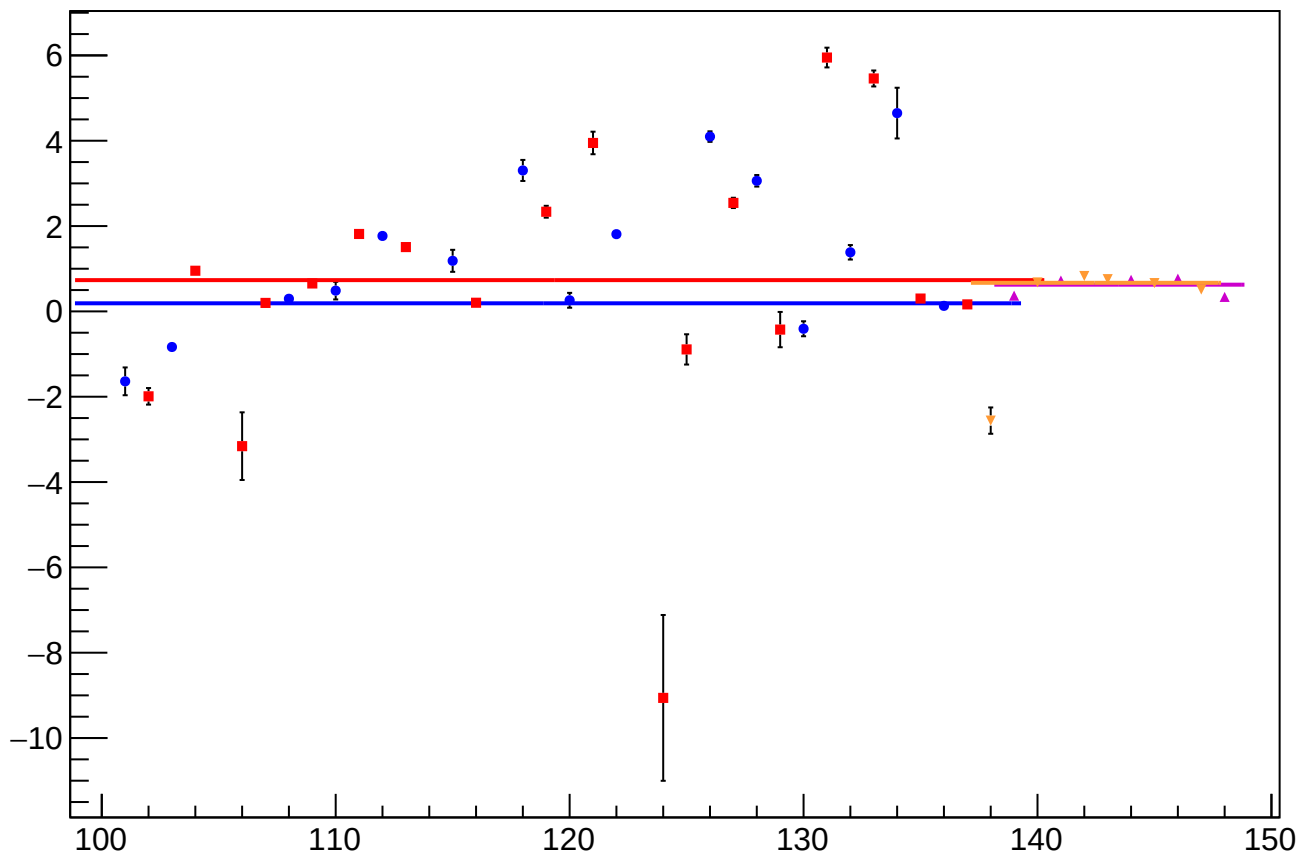
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -161.549 $\pm$ 0.092 χ^2 /NDF: 277814.9/19

Out: -172.444 $\pm$ 0.096 χ^2 /NDF: 335203.8/23

All: -166.760 $\pm$ 0.066 χ^2 /NDF: 619795.5/43

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.670 $\pm$ 0.007 χ^2 /NDF:411.1/5

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.626 $\pm$ 0.005 χ^2 /NDF:1019.7/4

Left: 0.643 $\pm$ 0.004 χ^2 /NDF: 1456.9/10

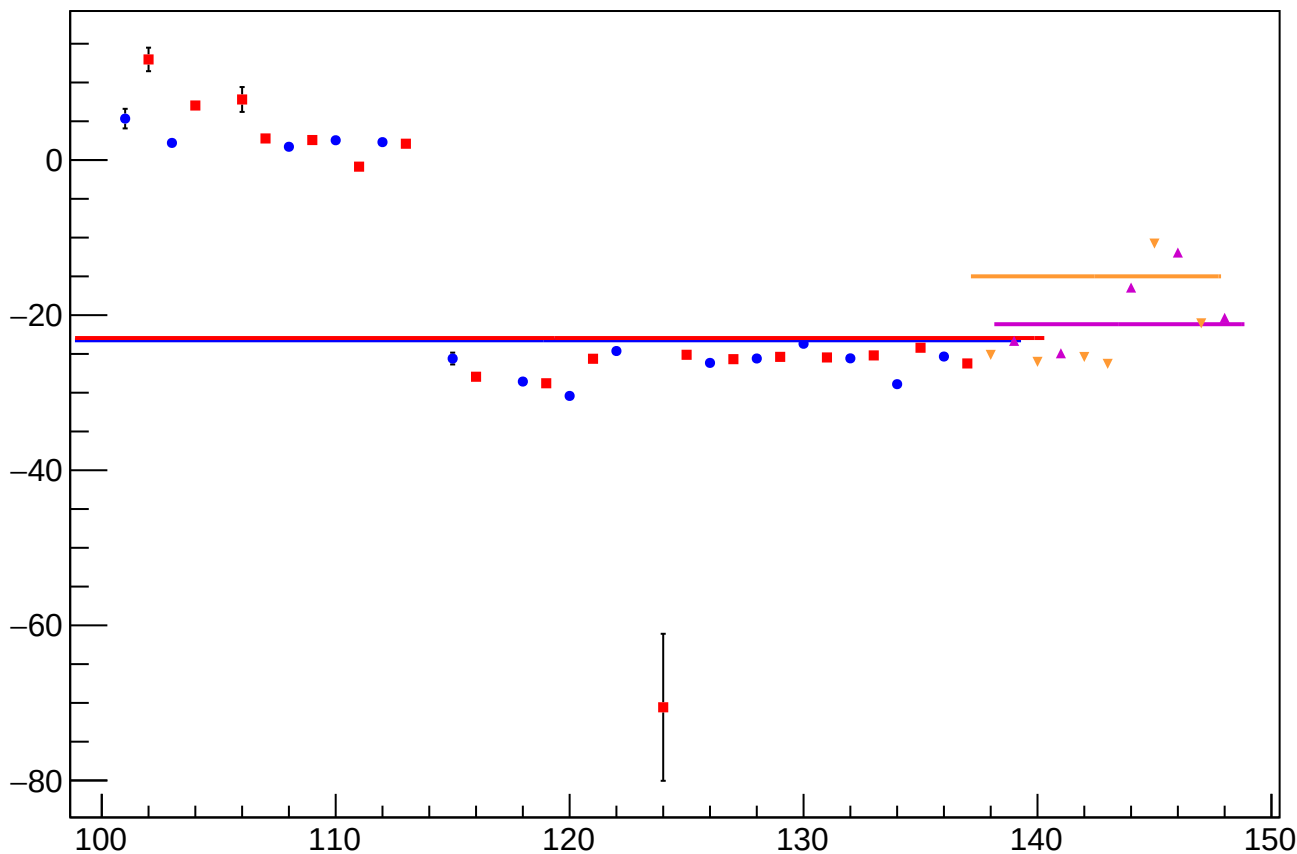
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.506 $\pm$ 0.005 χ^2 /NDF:5606.1/19

Out: 0.677 $\pm$ 0.006 χ^2 /NDF:3087.1/23

All: 0.562 $\pm$ 0.004 χ^2 /NDF: 9166.5/43

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -14.996 ± 0.021 $\chi^2/\text{NDF}: 87964.8/5$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.168 ± 0.043 $\chi^2/\text{NDF}: 7859.2/4$

Left: -16.220 ± 0.019 $\chi^2/\text{NDF}: 112169.7/10$

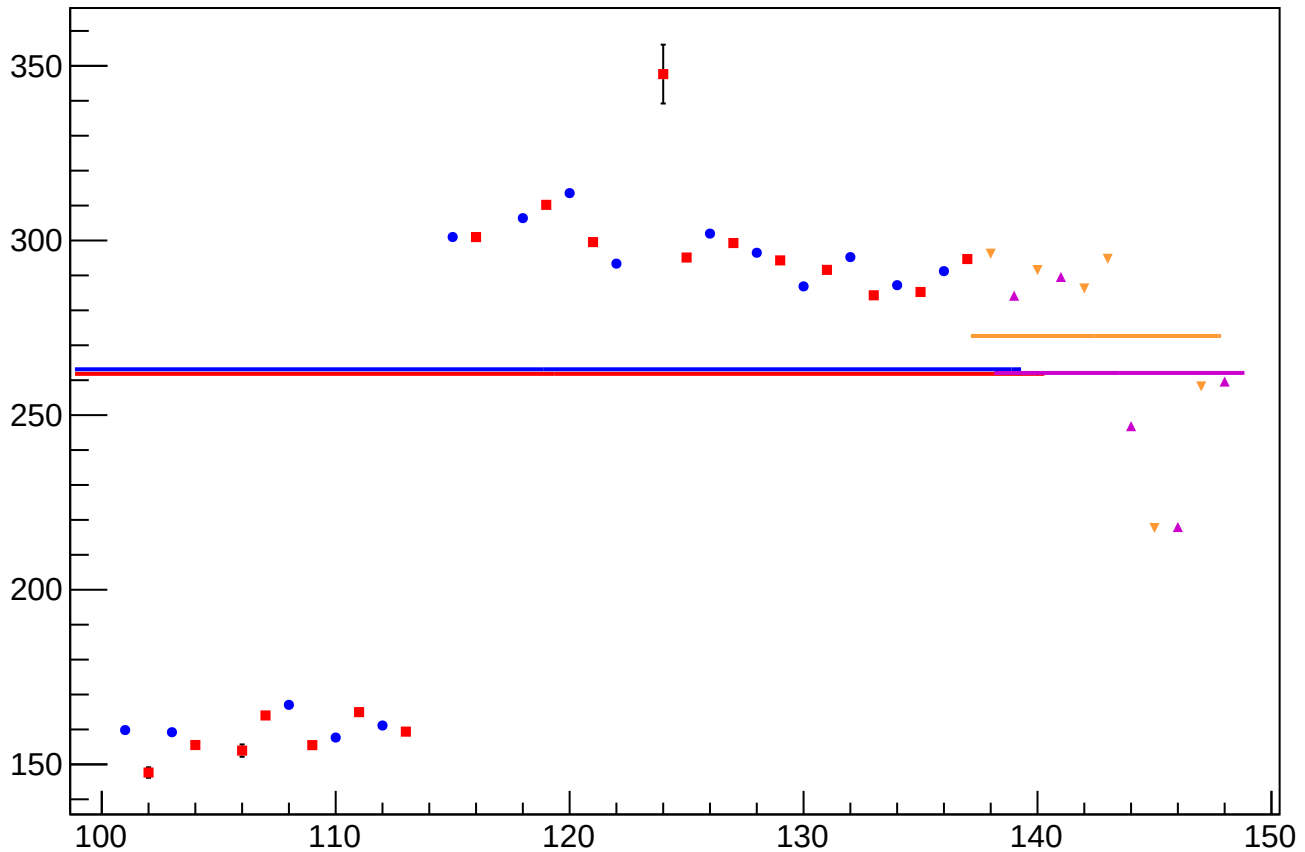
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.729 ± 0.021 $\chi^2/\text{NDF}: 112693.6/19$

Out: -18.426 ± 0.016 $\chi^2/\text{NDF}: 255047.3/23$

All: -19.987 ± 0.013 $\chi^2/\text{NDF}: 393287.1/43$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 272.664 $\pm$ 0.073 χ^2 /NDF:171349.5/5

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 262.077 $\pm$ 0.085 χ^2 /NDF:34697.7/4

Left: 268.173 $\pm$ 0.055 χ^2 /NDF: 215077.2/10

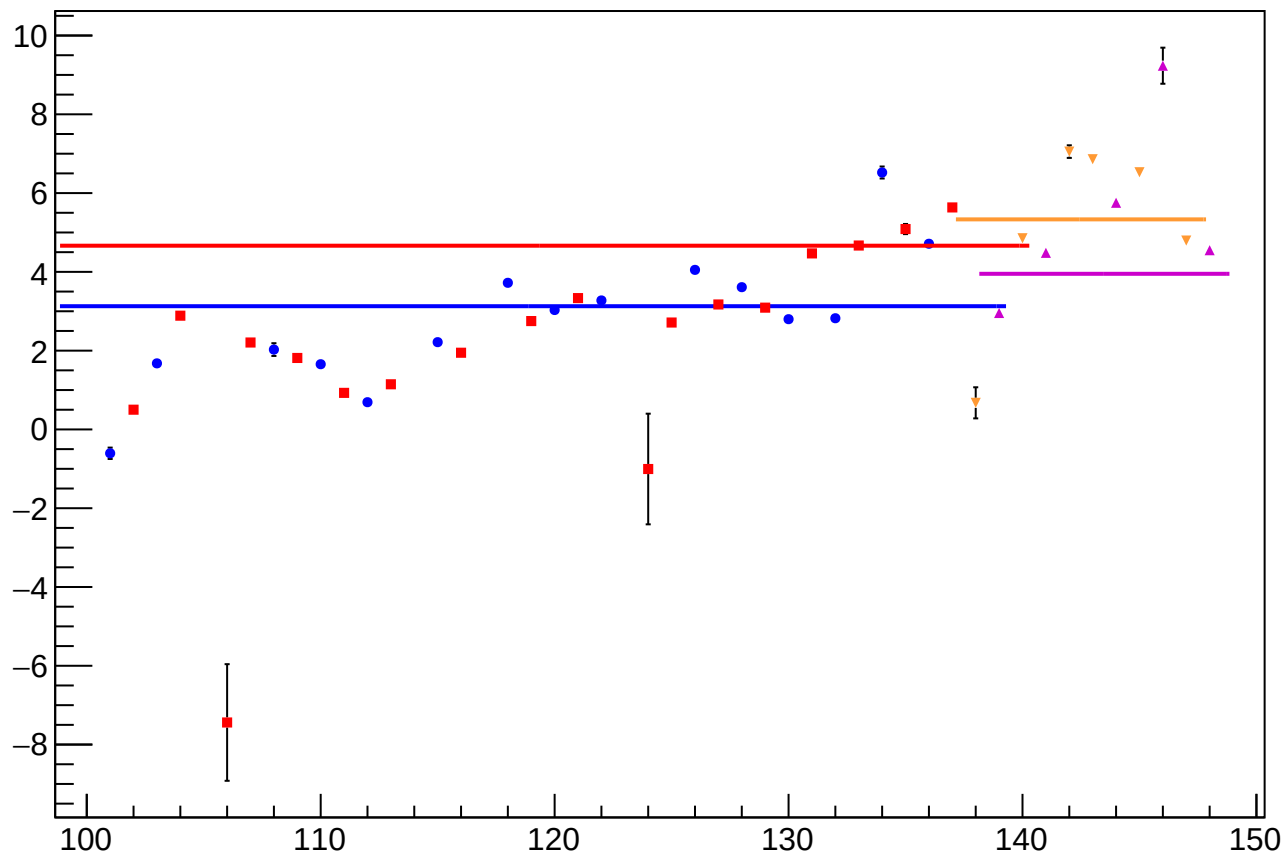
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.703 $\pm$ 0.053 χ^2 /NDF:727674.4/19

Out: 266.258 $\pm$ 0.046 χ^2 /NDF:1190739.8/23

All: 264.730 $\pm$ 0.035 χ^2 /NDF: 1920933.7/43

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.333 ± 0.036 $\chi^2/\text{NDF}: 760.6/5$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.951 ± 0.026 $\chi^2/\text{NDF}: 1533.6/4$

Left: 4.427 ± 0.021 $\chi^2/\text{NDF}: 3277.2/10$

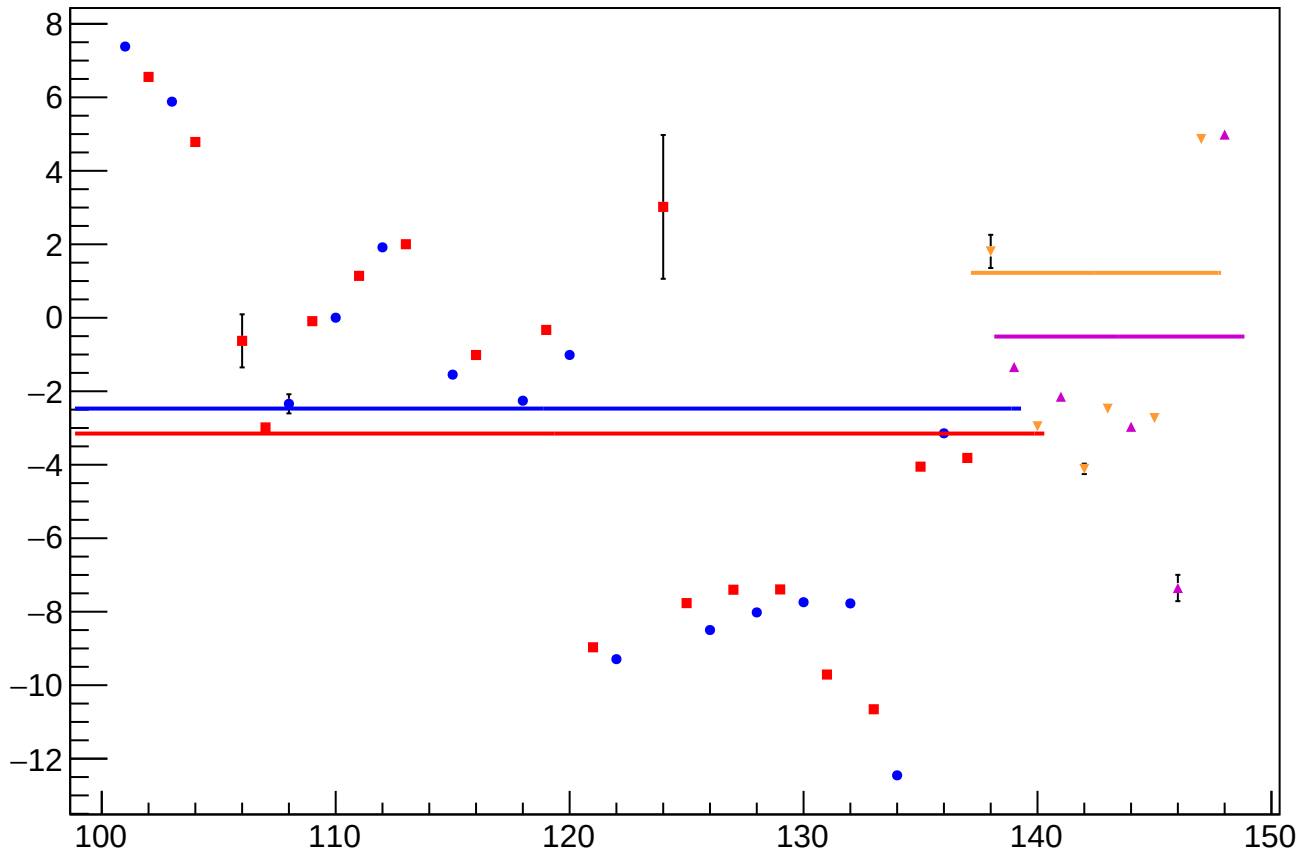
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.351 ± 0.013 $\chi^2/\text{NDF}: 7939.2/19$

Out: 4.685 ± 0.006 $\chi^2/\text{NDF}: 67963.0/23$

All: 4.448 ± 0.006 $\chi^2/\text{NDF}: 83983.0/43$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 1.224 ± 0.029 χ^2/NDF : 18119.2/5

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: -0.511 ± 0.025 χ^2/NDF : 13794.9/4

Left: 0.251 ± 0.019 χ^2/NDF : 33957.9/10

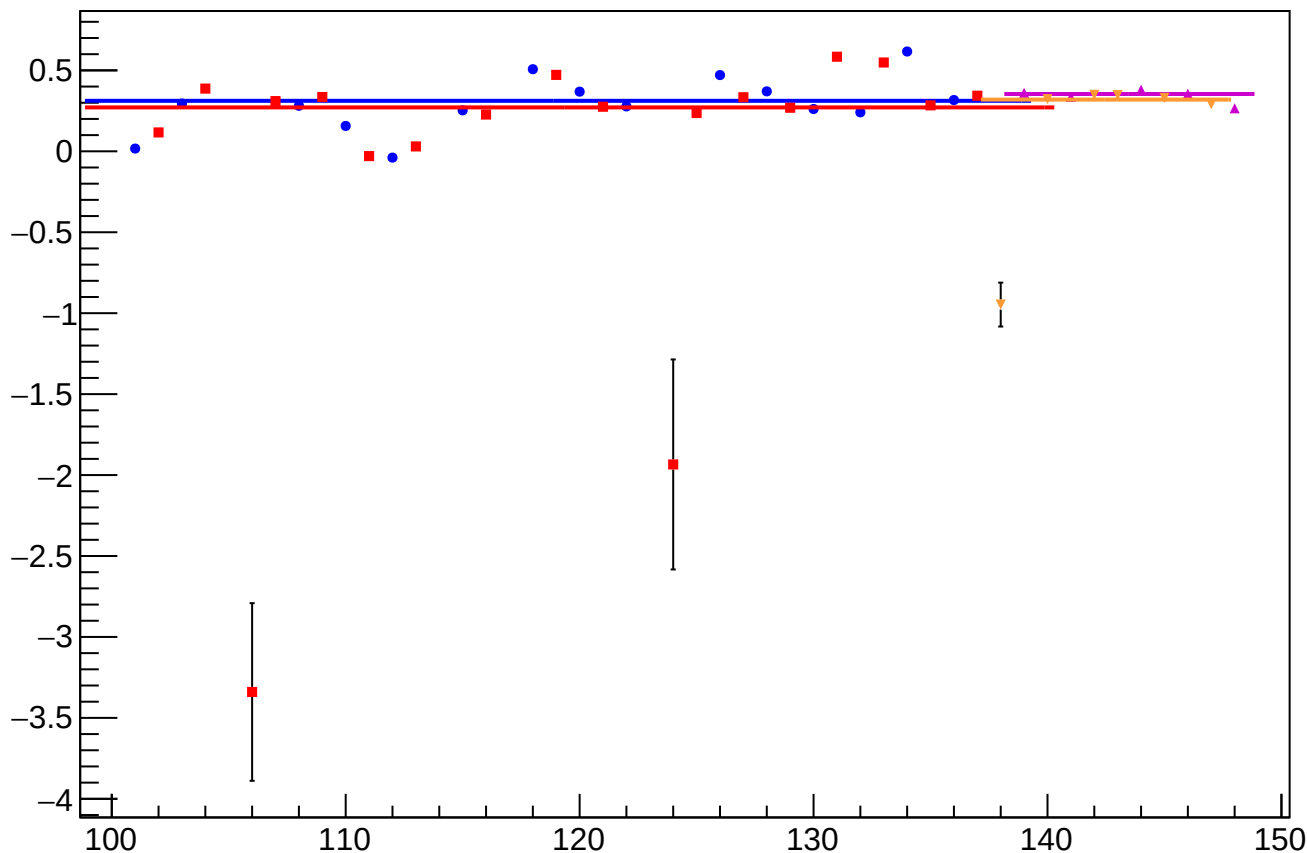
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -2.010 ± 0.012 χ^2/NDF : 260920.8/19

Out: -2.877 ± 0.007 χ^2/NDF : 287277.1/23

All: -2.656 ± 0.006 χ^2/NDF : 551885.2/43

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.319 $\pm$ 0.001 χ^2 /NDF: 512.6/5

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.354 $\pm$ 0.001 χ^2 /NDF: 1211.6/4

Left: 0.335 $\pm$ 0.001 χ^2 /NDF: 2115.4/10

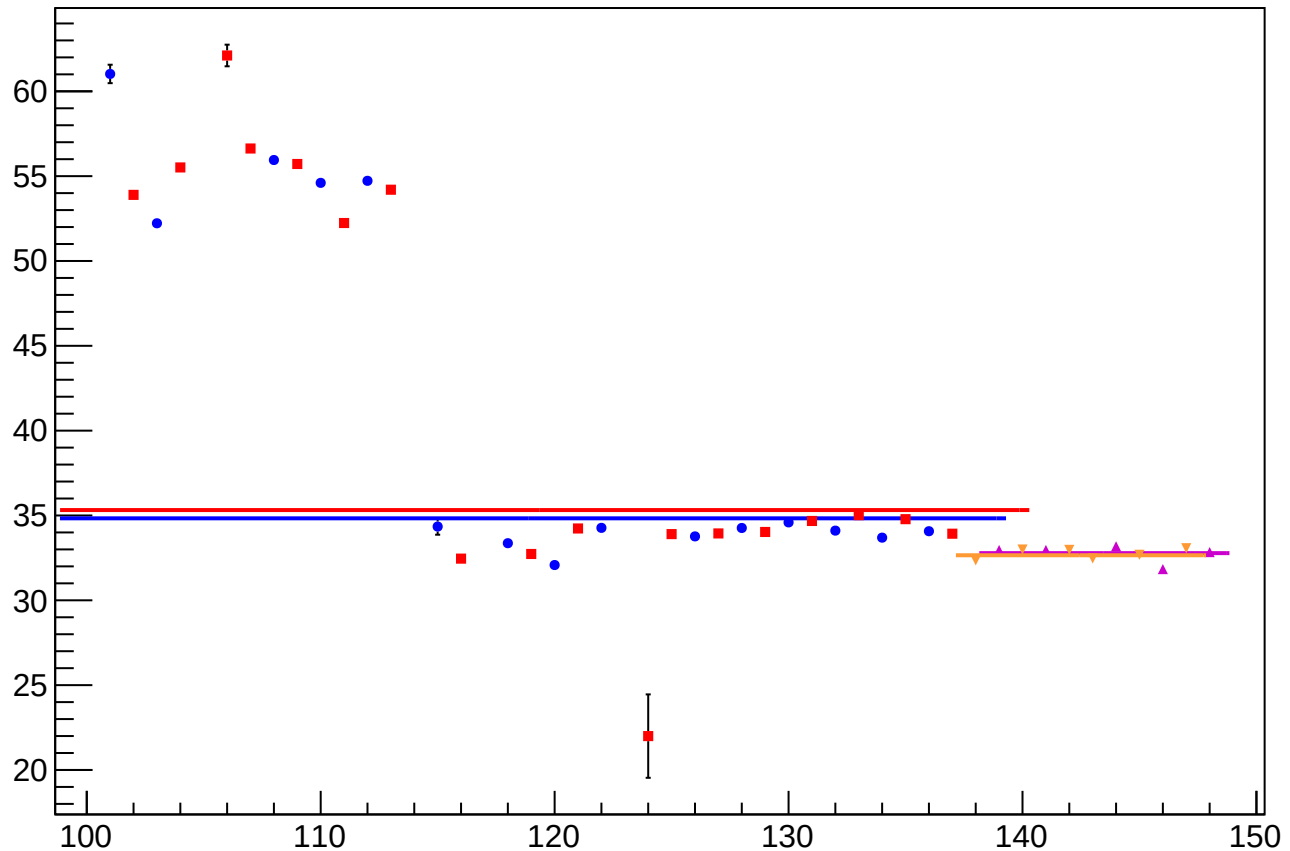
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.333 $\pm$ 0.001 χ^2 /NDF: 3070.3/19

Out: 0.308 $\pm$ 0.001 χ^2 /NDF: 7052.1/23

All: 0.322 $\pm$ 0.001 χ^2 /NDF: 10455.9/43

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.655+/-0.011 χ^2/NDF : 468.4/5

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.780+/-0.013 χ^2/NDF : 1415.2/4

Left: 32.710+/-0.009 χ^2/NDF : 1935.4/10

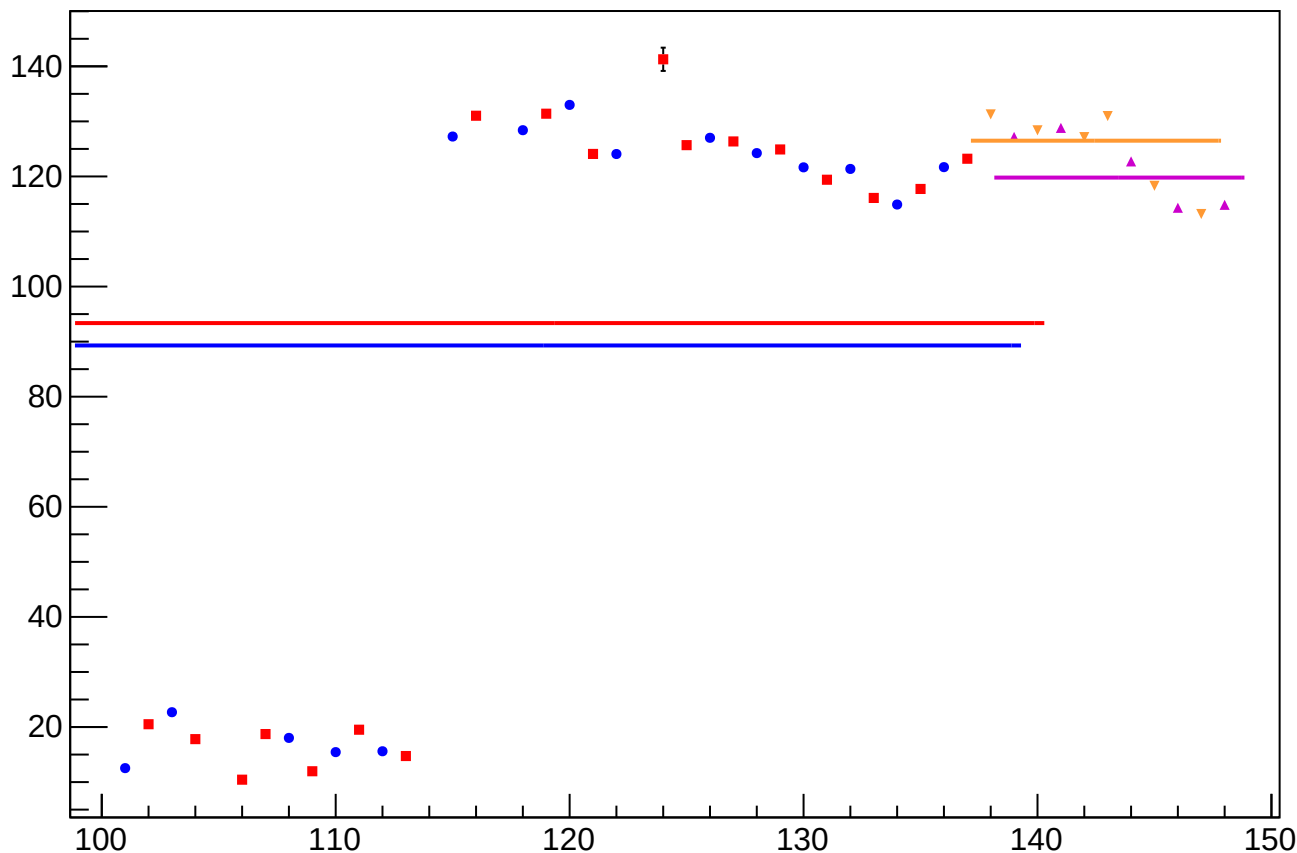
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.210+/-0.007 χ^2/NDF : 264145.9/19

Out: 34.177+/-0.008 χ^2/NDF : 292684.8/23

All: 34.194+/-0.005 χ^2/NDF : 556841.1/43

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 126.495 $\pm$ 0.034 χ^2 /NDF: 29387.3/5

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 119.793 $\pm$ 0.039 χ^2 /NDF: 25441.2/4

Left: 123.573 $\pm$ 0.026 χ^2 /NDF: 71548.9/10

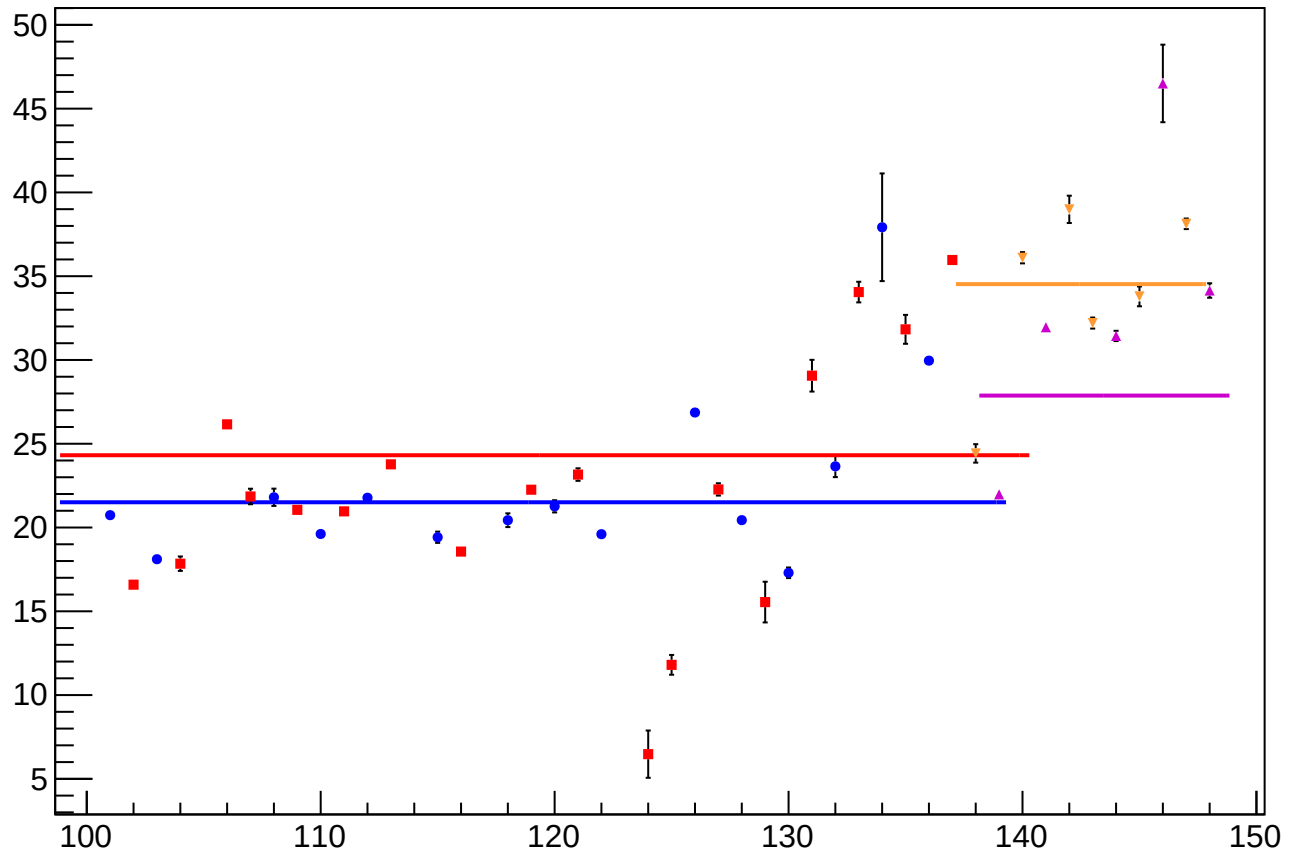
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 99.424 $\pm$ 0.022 χ^2 /NDF: 3469866.3/19

Out: 107.733 $\pm$ 0.023 χ^2 /NDF: 3412727.7/23

All: 103.559 $\pm$ 0.016 χ^2 /NDF: 6950912.6/43

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.528 $\pm$ 0.167 χ^2/NDF : 569.5/5

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 27.875 $\pm$ 0.135 χ^2/NDF : 1468.8/4

Left: 30.510 $\pm$ 0.105 χ^2/NDF : 2994.8/10

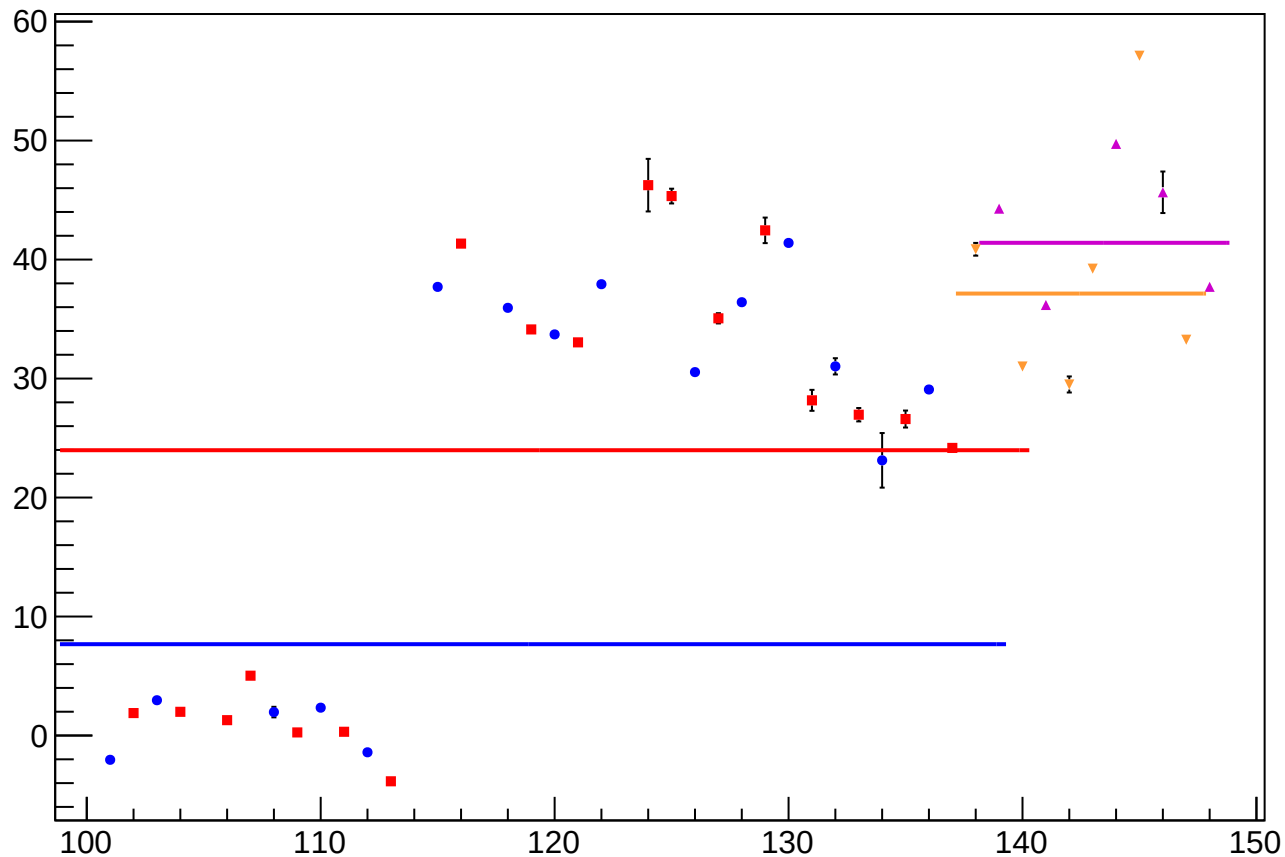
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 22.921 $\pm$ 0.064 χ^2/NDF : 6152.8/19

Out: 25.427 $\pm$ 0.055 χ^2/NDF : 18190.8/23

All: 24.354 $\pm$ 0.042 χ^2/NDF : 25226.4/43

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 37.143 ± 0.138 χ^2/NDF : 3145.7/5

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 41.408 ± 0.118 χ^2/NDF : 1519.2/4

Left: 39.619 ± 0.090 χ^2/NDF : 5216.8/10

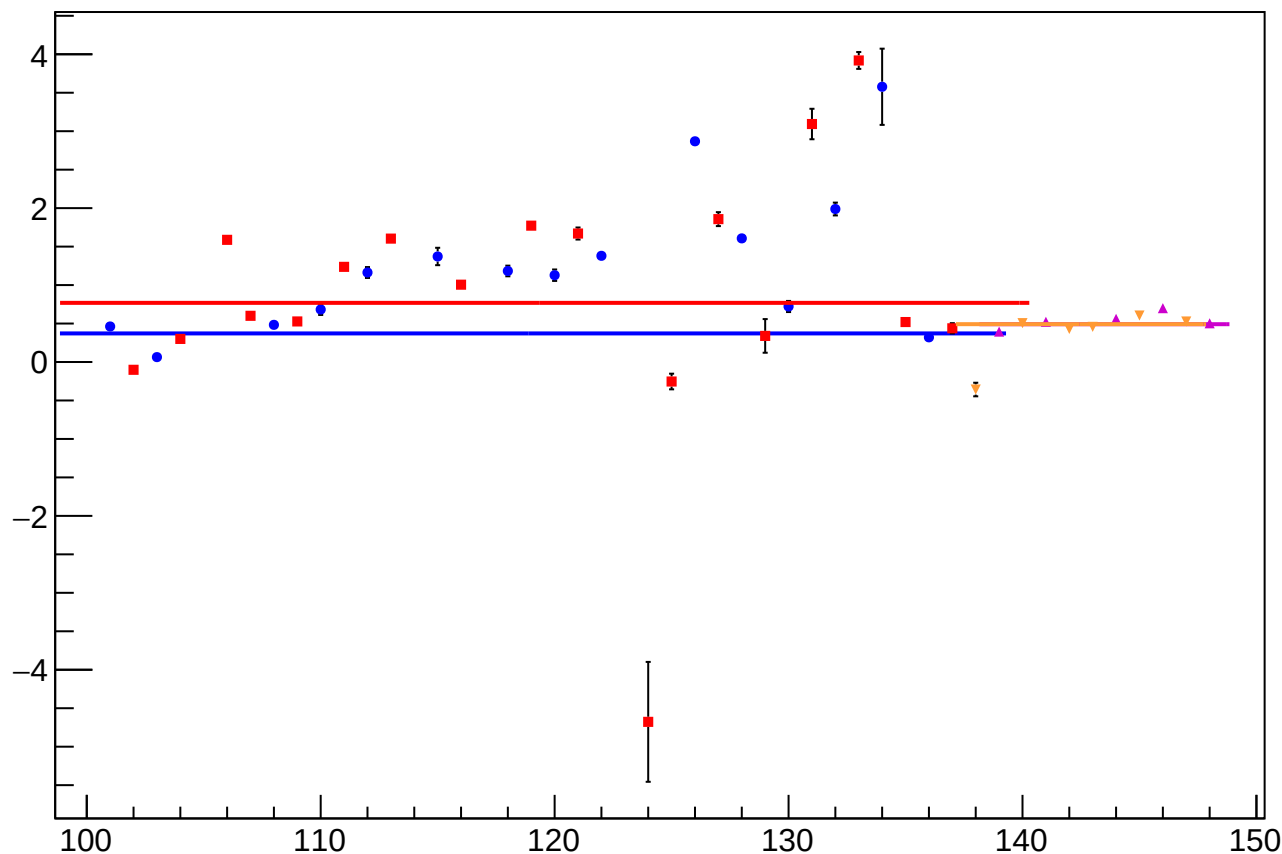
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 12.024 ± 0.042 χ^2/NDF : 169651.3/19

Out: 24.023 ± 0.008 χ^2/NDF : 122733.9/23

All: 23.590 ± 0.008 χ^2/NDF : 370254.1/43

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.492 ± 0.002 $\chi^2/\text{NDF}: 322.5/5$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.491 ± 0.003 $\chi^2/\text{NDF}: 606.7/4$

Left: 0.492 ± 0.002 $\chi^2/\text{NDF}: 929.2/10$

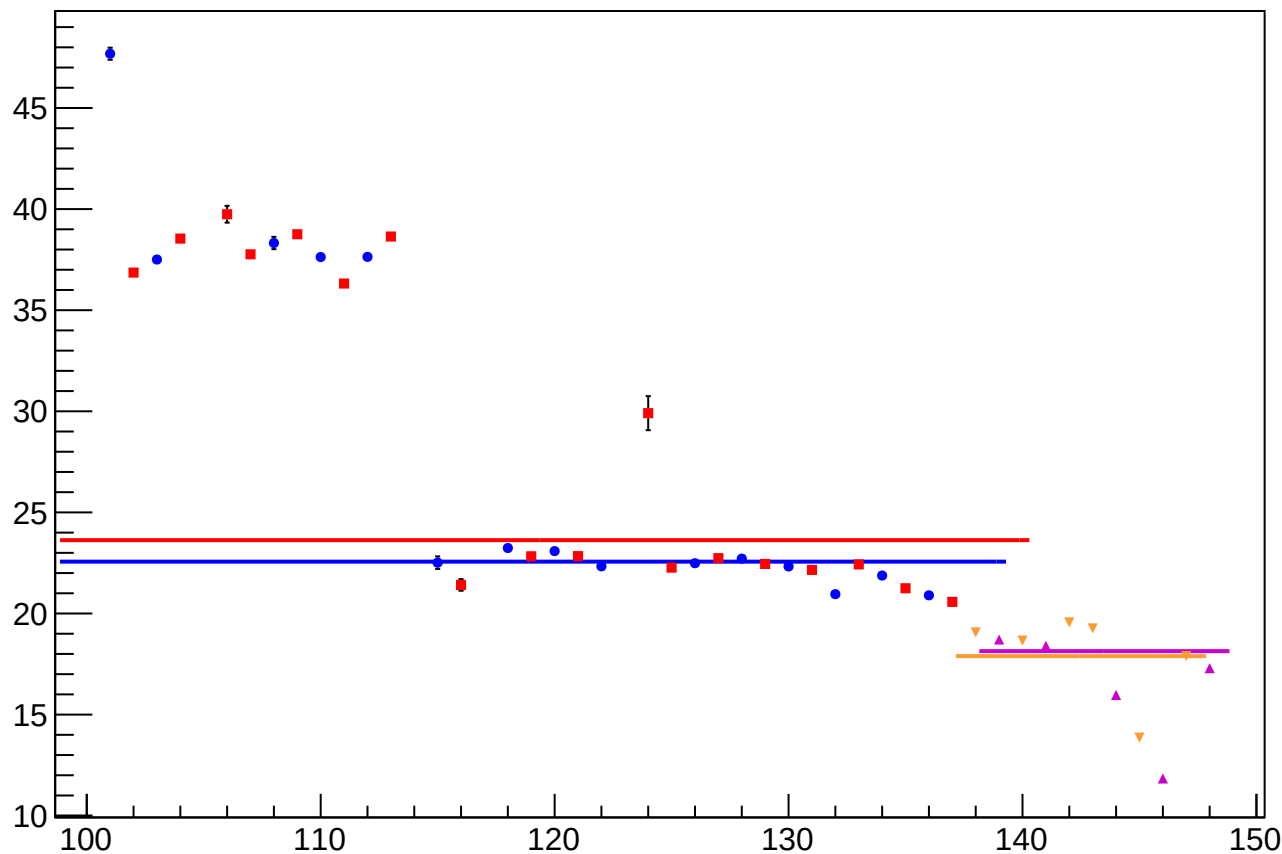
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.457 ± 0.002 $\chi^2/\text{NDF}: 5896.9/19$

Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 5881.7/23$

All: 0.490 ± 0.002 $\chi^2/\text{NDF}: 12170.4/43$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2/NDF : 92859.1/14

Left Out: 17.892 $\pm$ 0.011 χ^2/NDF : 35377.3/5

Right Out: 23.627 $\pm$ 0.011 χ^2/NDF : 123194.1/17

Left In: 18.139 $\pm$ 0.018 χ^2/NDF : 4316.4/4

Left: 17.965 $\pm$ 0.009 χ^2/NDF : 39833.5/10

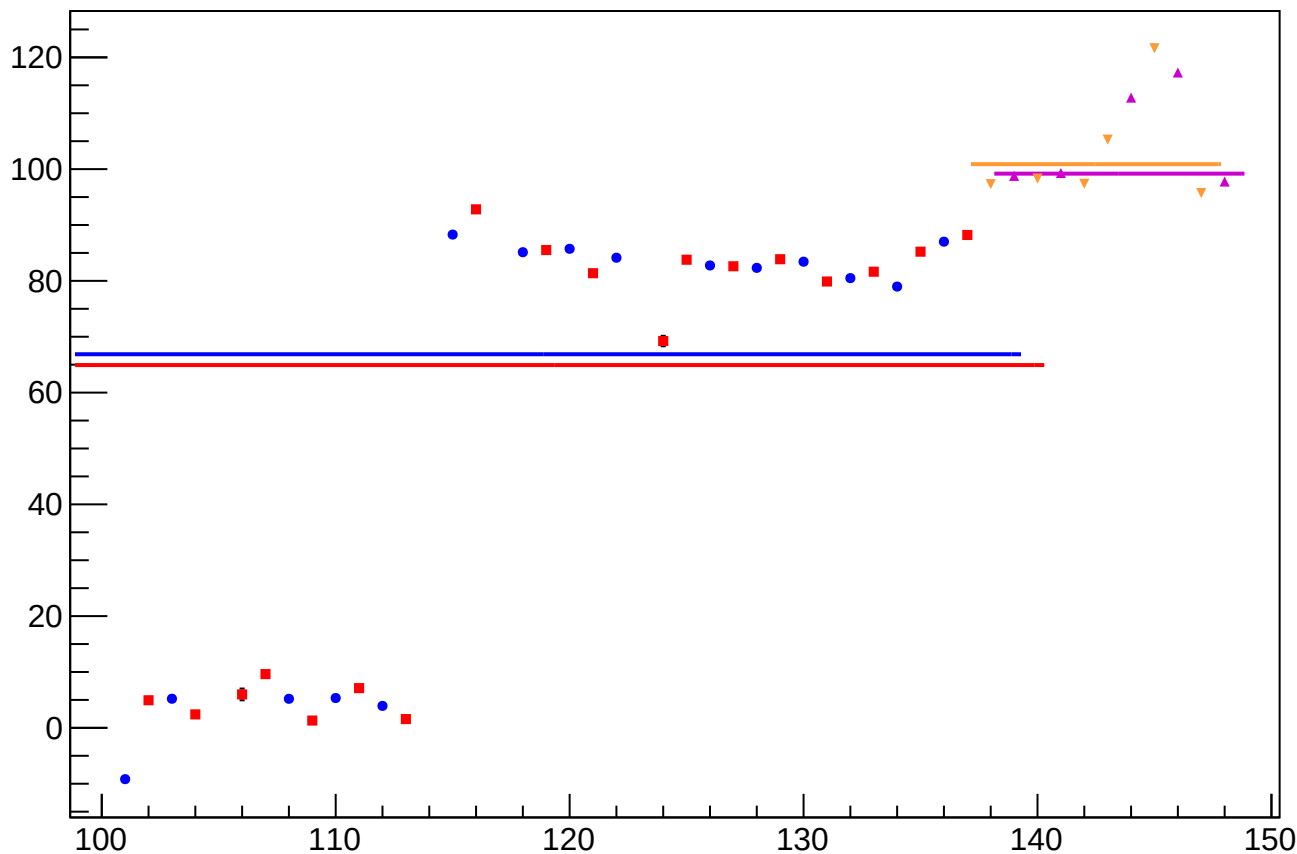
Right: 23.044 $\pm$ 0.008 χ^2/NDF : 220970.6/32

In: 21.448 $\pm$ 0.009 χ^2/NDF : 144913.3/19

Out: 20.776 $\pm$ 0.008 χ^2/NDF : 288415.7/23

All: 21.078 $\pm$ 0.006 χ^2/NDF : 436546.5/43

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 100.887+/-0.027 χ^2/NDF : 57316.4/5

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.190+/-0.029 χ^2/NDF : 4723.3/4

Left: 100.102+/-0.020 χ^2/NDF : 63836.4/10

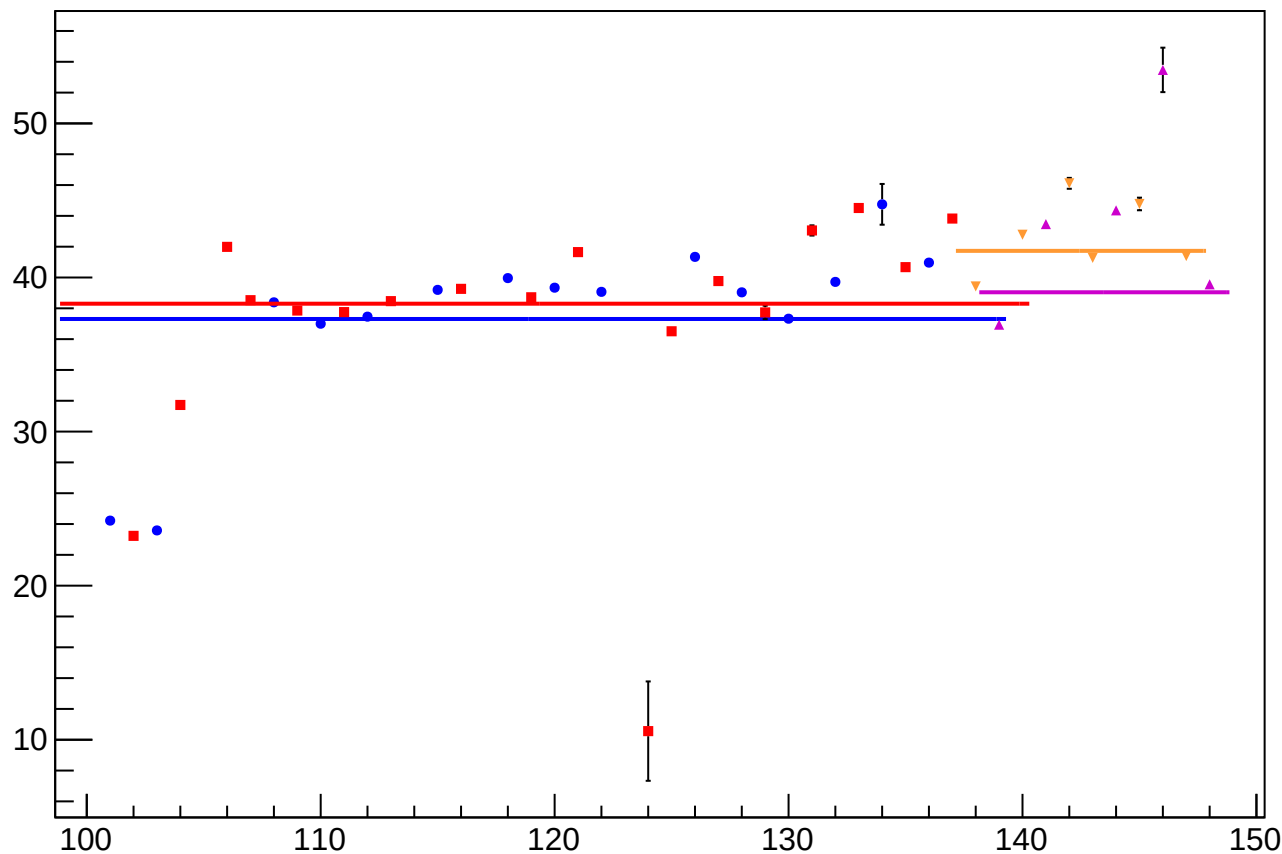
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 81.715+/-0.020 χ^2/NDF : 2154404.8/19

Out: 84.483+/-0.020 χ^2/NDF : 2187537.4/23

All: 83.087+/-0.014 χ^2/NDF : 4351532.0/43

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.729 ± 0.067 $\chi^2/\text{NDF}: 376.2/5$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.041 ± 0.054 $\chi^2/\text{NDF}: 3016.0/4$

Left: 40.102 ± 0.042 $\chi^2/\text{NDF}: 4370.3/10$

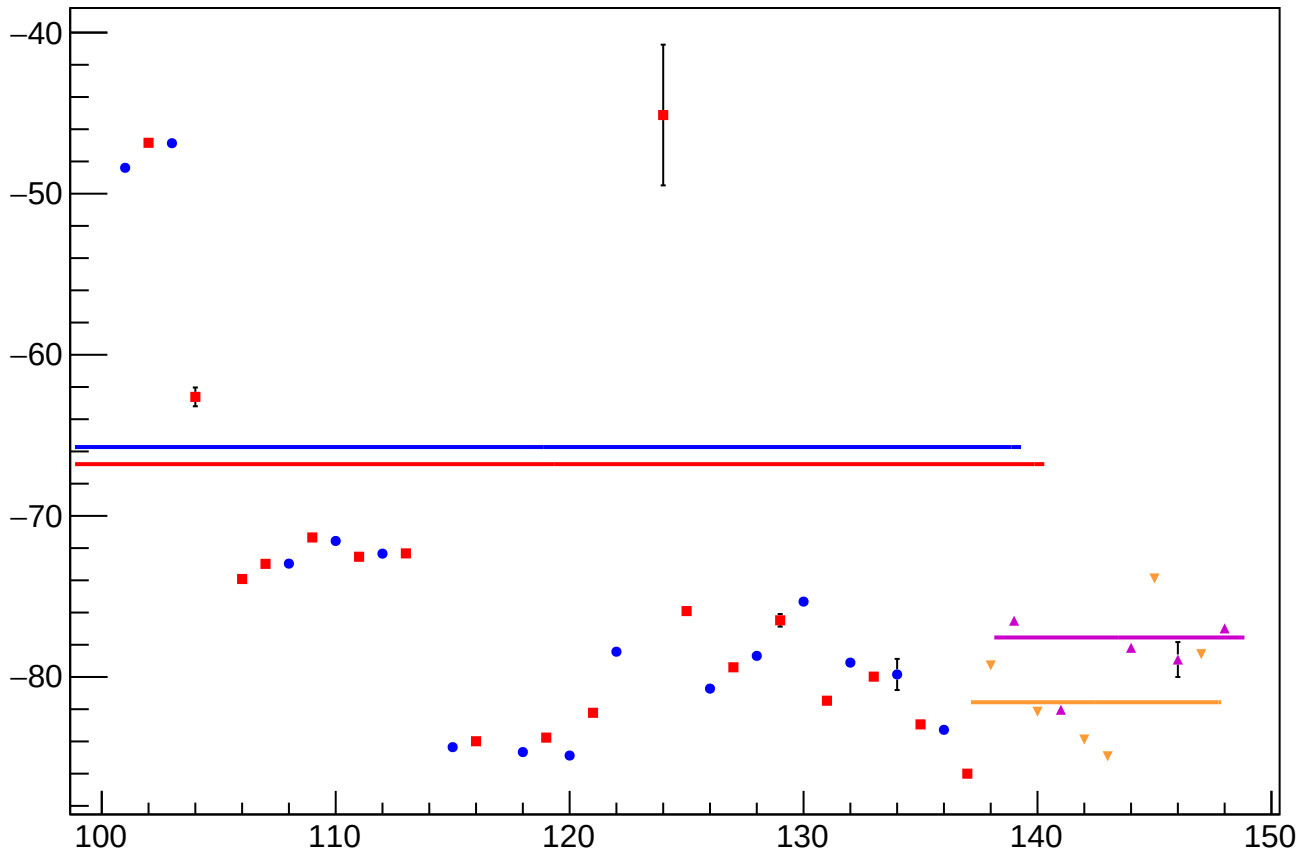
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.576 ± 0.021 $\chi^2/\text{NDF}: 63467.5/19$

Out: 38.595 ± 0.020 $\chi^2/\text{NDF}: 21619.7/23$

All: 38.125 ± 0.014 $\chi^2/\text{NDF}: 86330.8/43$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.568 ± 0.056 $\chi^2/\text{NDF}: 3003.8/5$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.547 ± 0.043 $\chi^2/\text{NDF}: 2069.9/4$

Left: -79.029 ± 0.034 $\chi^2/\text{NDF}: 8325.4/10$

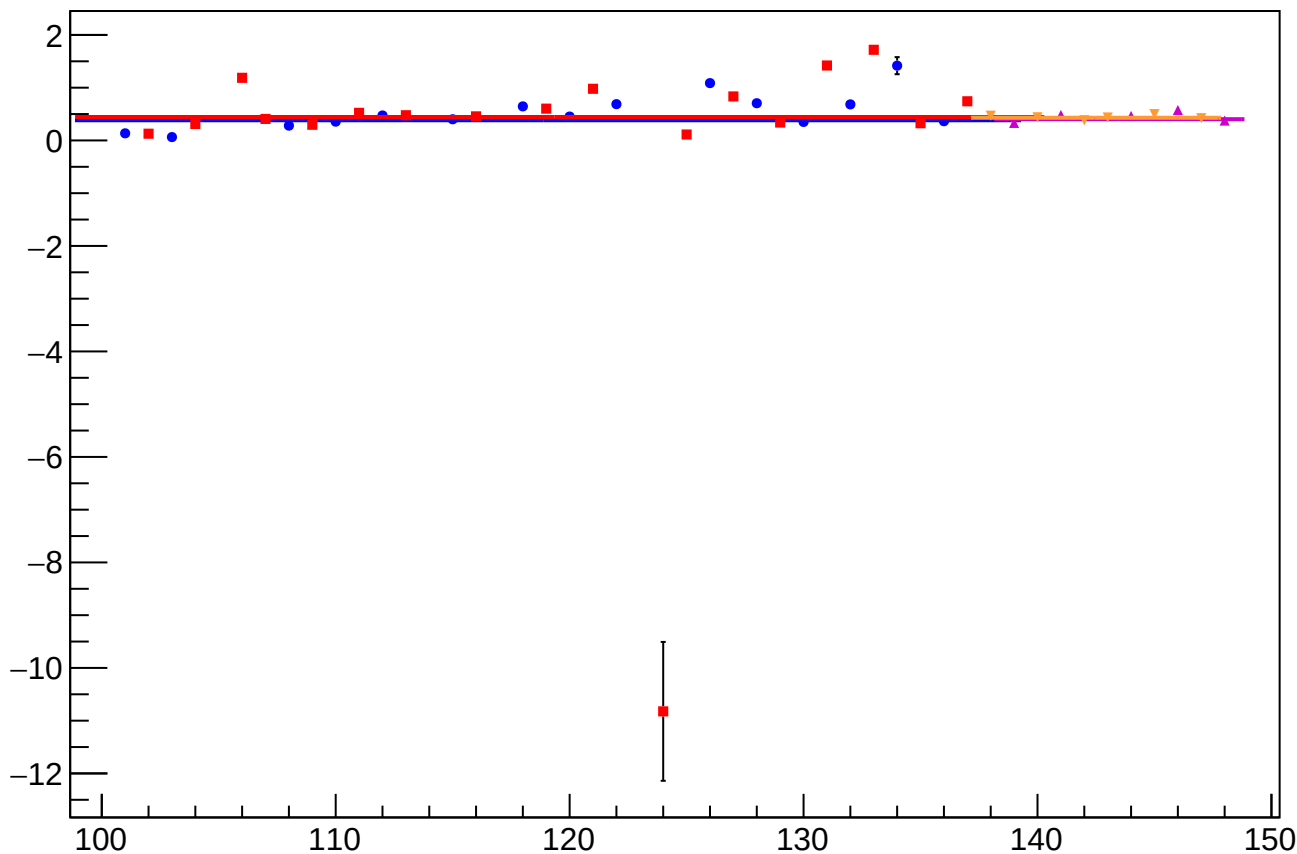
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.314 ± 0.016 $\chi^2/\text{NDF}: 971164.3/19$

Out: -67.878 ± 0.015 $\chi^2/\text{NDF}: 876812.9/23$

All: -67.604 ± 0.011 $\chi^2/\text{NDF}: 1848643.4/43$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.430+/-0.001 χ^2/NDF : 114.1/5

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.403+/-0.002 χ^2/NDF : 2051.0/4

Left: 0.419+/-0.001 χ^2/NDF : 2350.4/10

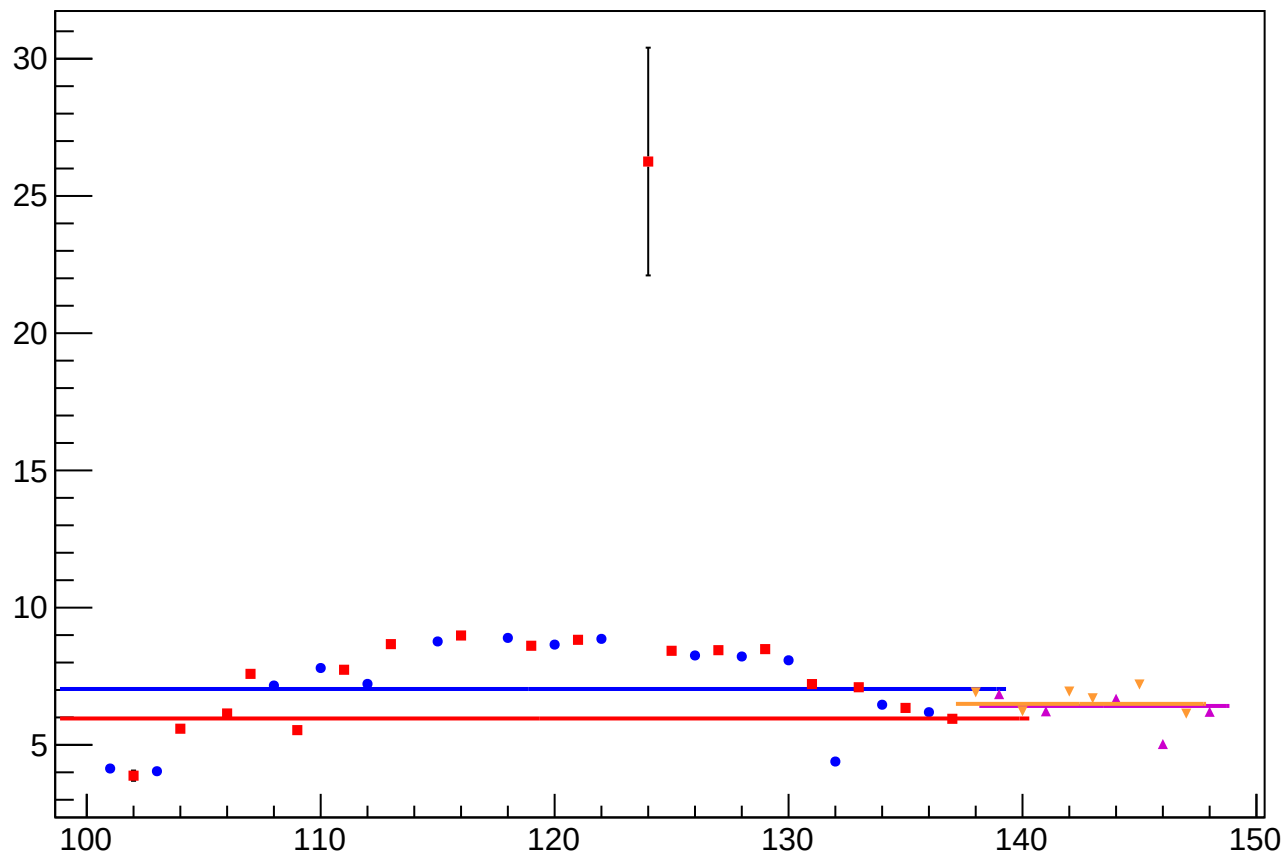
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.395+/-0.001 χ^2/NDF : 10294.5/19

Out: 0.432+/-0.001 χ^2/NDF : 2913.3/23

All: 0.413+/-0.001 χ^2/NDF : 13675.9/43

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.494+/-0.004 χ^2/NDF : 8520.1/5

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.418+/-0.004 χ^2/NDF : 5102.2/4

Left: 6.459+/-0.003 χ^2/NDF : 13822.5/10

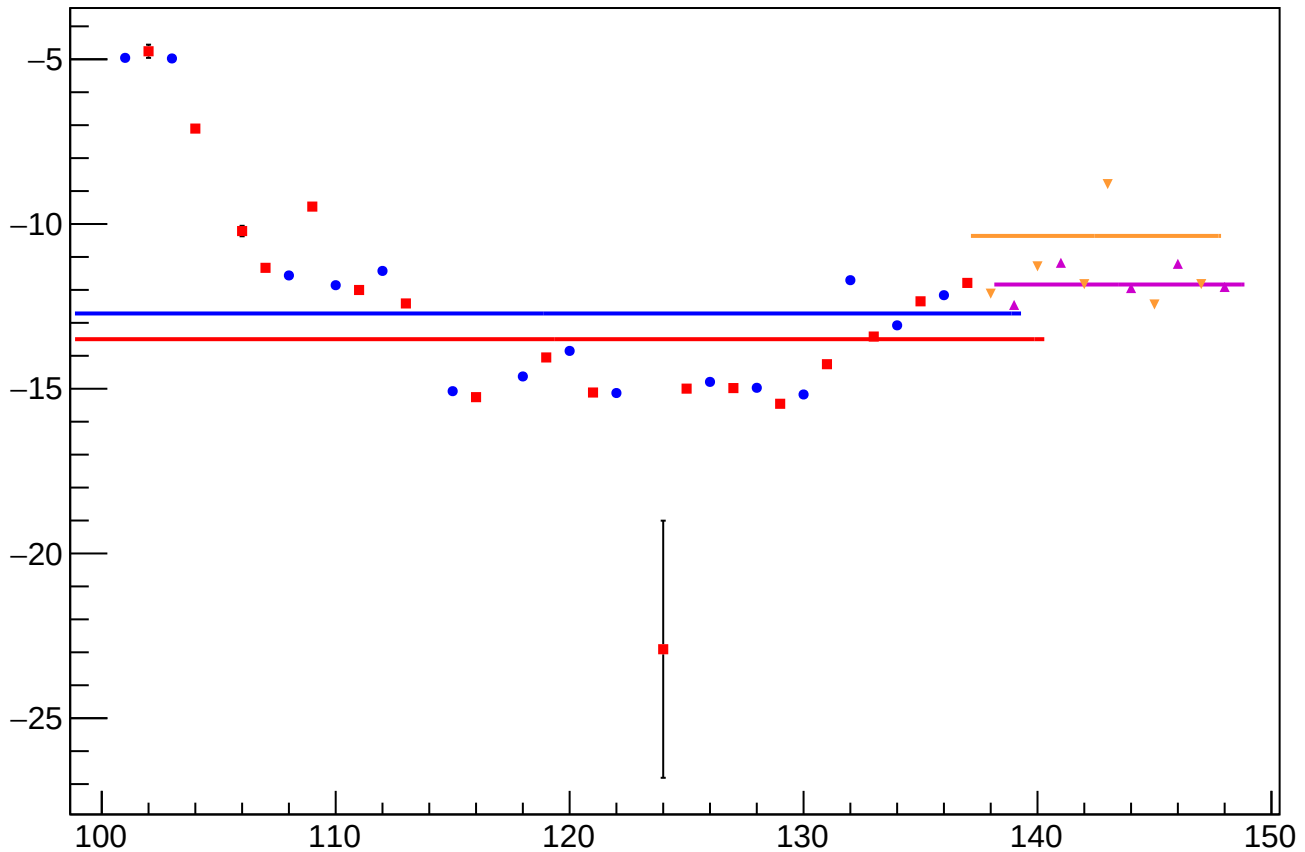
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.683+/-0.003 χ^2/NDF : 85671.3/19

Out: 5.968+/-0.000 χ^2/NDF : 197885.4/23

All: 5.981+/-0.000 χ^2/NDF : 340756.4/43

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.361 $\pm$ 0.004 χ^2 /NDF:125783.6/5

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.836 $\pm$ 0.006 χ^2 /NDF:3703.2/4

Left: -10.876 $\pm$ 0.003 χ^2 /NDF: 170001.5/10

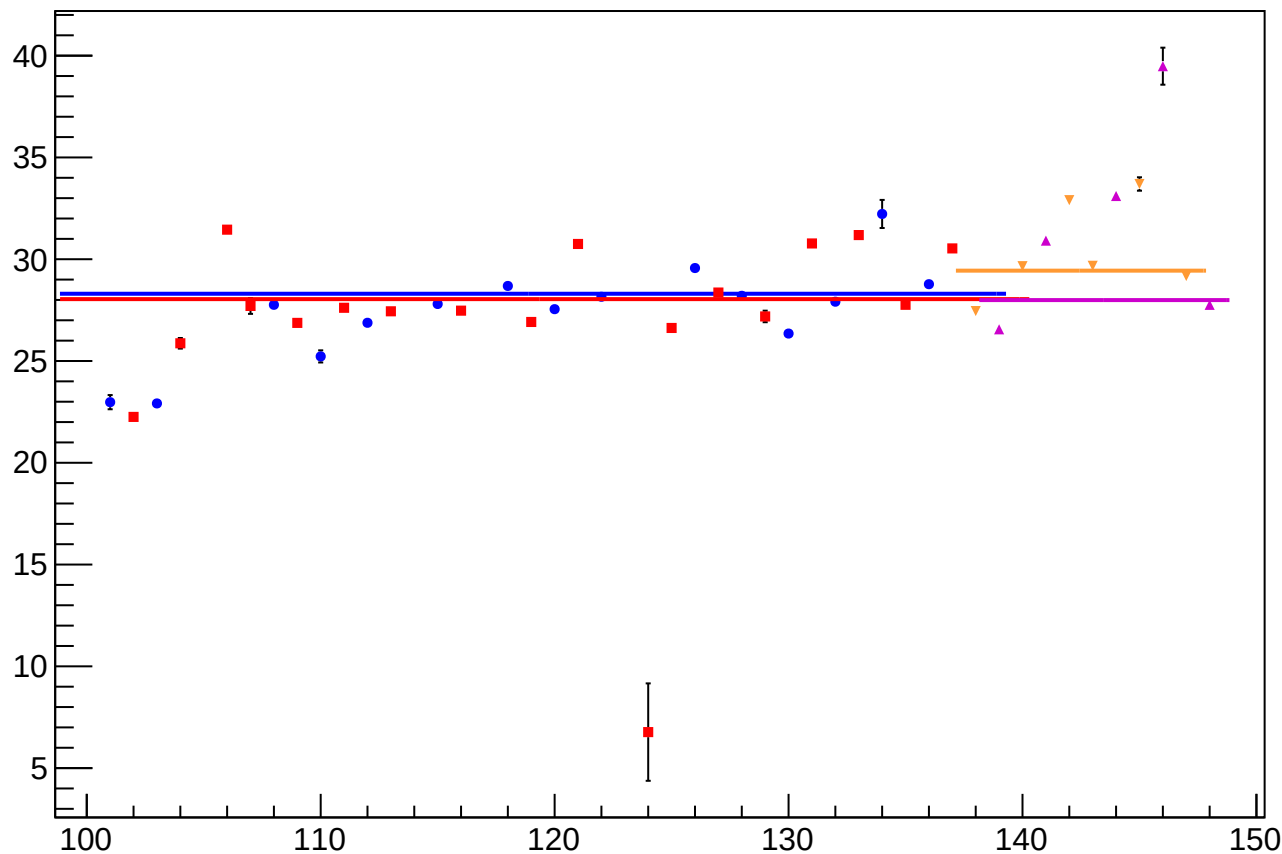
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.243 $\pm$ 0.004 χ^2 /NDF:99139.2/19

Out: -11.480 $\pm$ 0.003 χ^2 /NDF:368639.3/23

All: -11.778 $\pm$ 0.003 χ^2 /NDF: 486614.1/43

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.439 $\pm$ 0.044 χ^2 /NDF: 768.9/5

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.993 $\pm$ 0.039 χ^2 /NDF: 2846.4/4

Left: 28.641 $\pm$ 0.029 χ^2 /NDF: 4217.1/10

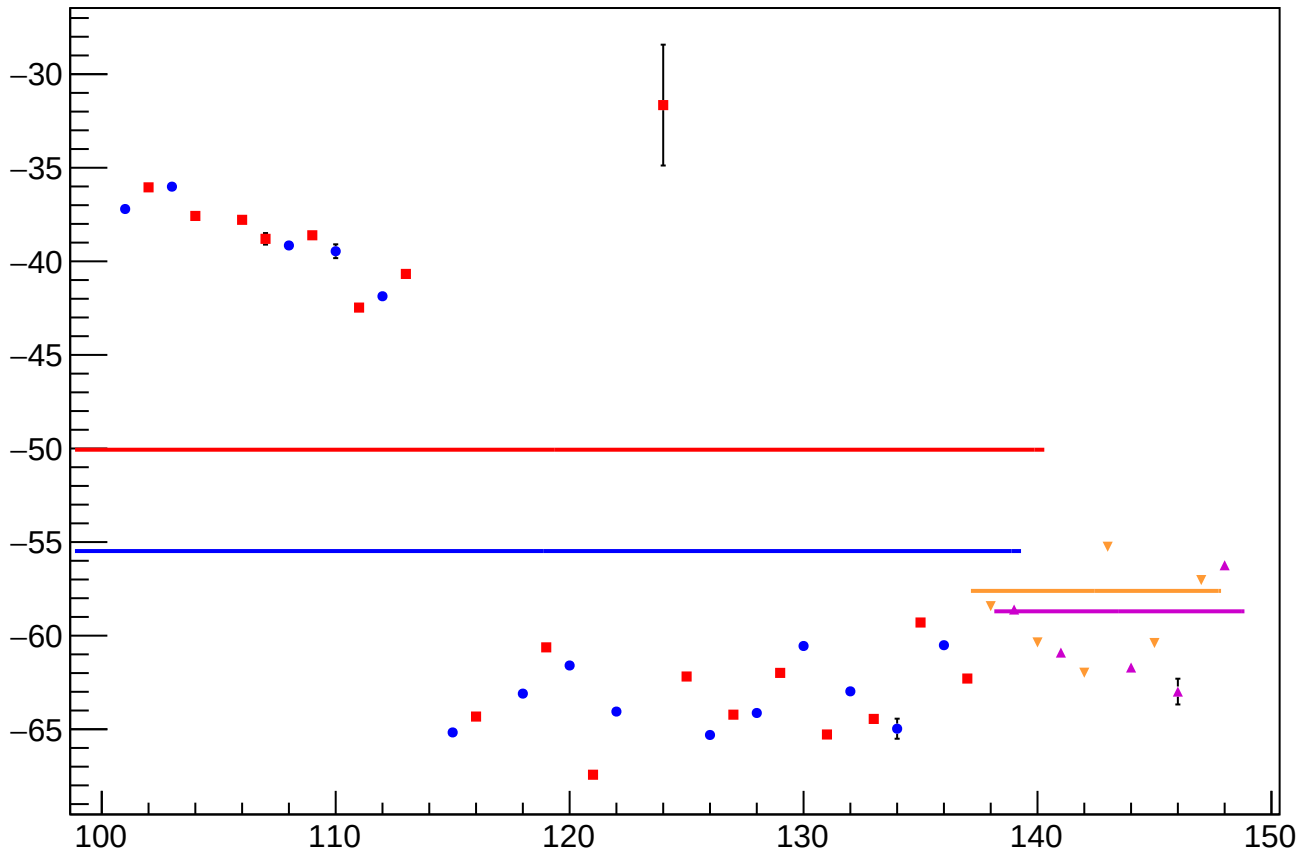
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.225 $\pm$ 0.020 χ^2 /NDF: 6292.8/19

Out: 28.493 $\pm$ 0.025 χ^2 /NDF: 4020.8/23

All: 28.329 $\pm$ 0.016 χ^2 /NDF: 10384.4/43

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.608 ± 0.038 $\chi^2/\text{NDF}: 3132.3/5$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -58.700 ± 0.041 $\chi^2/\text{NDF}: 2746.5/4$

Left: -58.113 ± 0.028 $\chi^2/\text{NDF}: 6252.5/10$

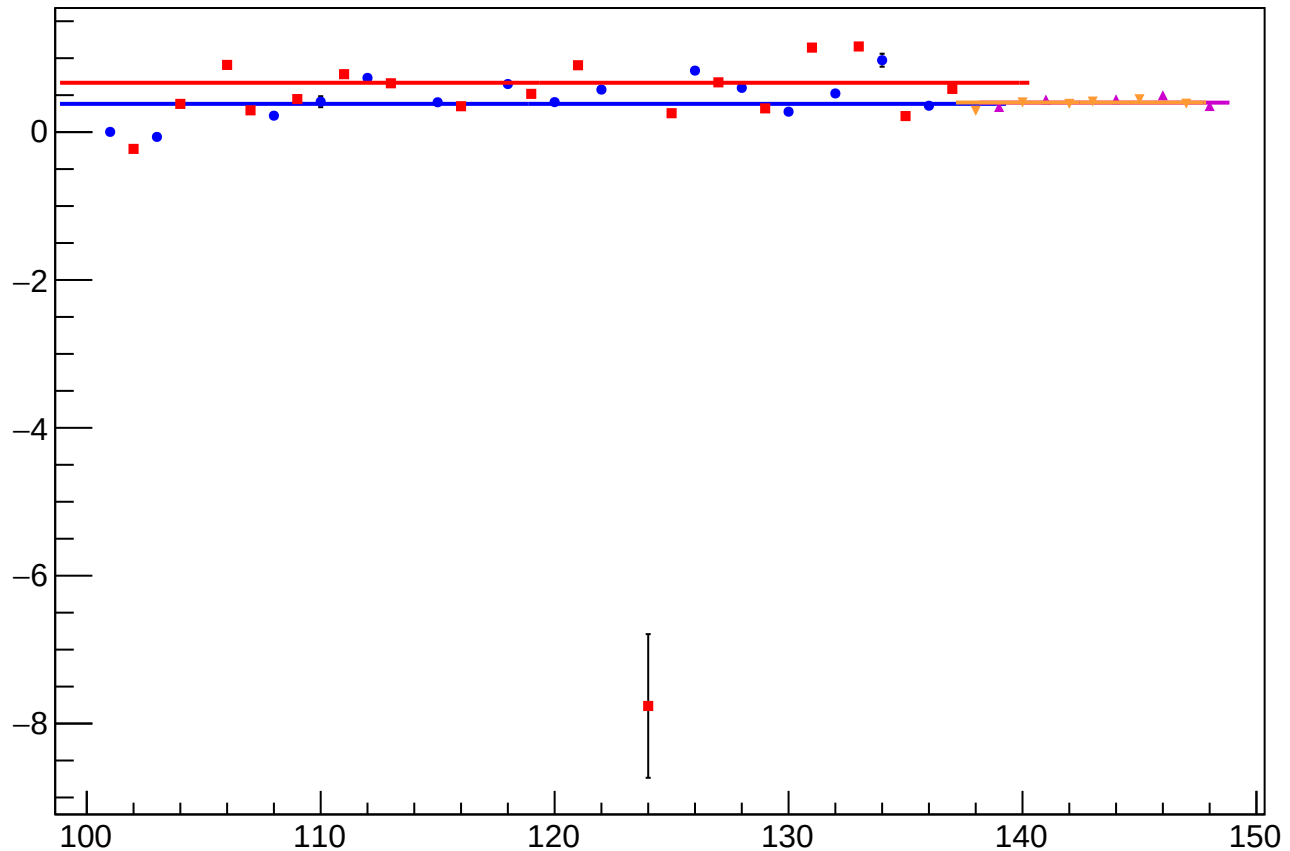
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.924 ± 0.015 $\chi^2/\text{NDF}: 603101.9/19$

Out: -52.072 ± 0.020 $\chi^2/\text{NDF}: 371540.6/23$

All: -54.476 ± 0.012 $\chi^2/\text{NDF}: 998229.7/43$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.401 ± 0.001 $\chi^2/\text{NDF}: 362.1/5$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.399 ± 0.001 $\chi^2/\text{NDF}: 1470.7/4$

Left: 0.400 ± 0.001 $\chi^2/\text{NDF}: 1834.2/10$

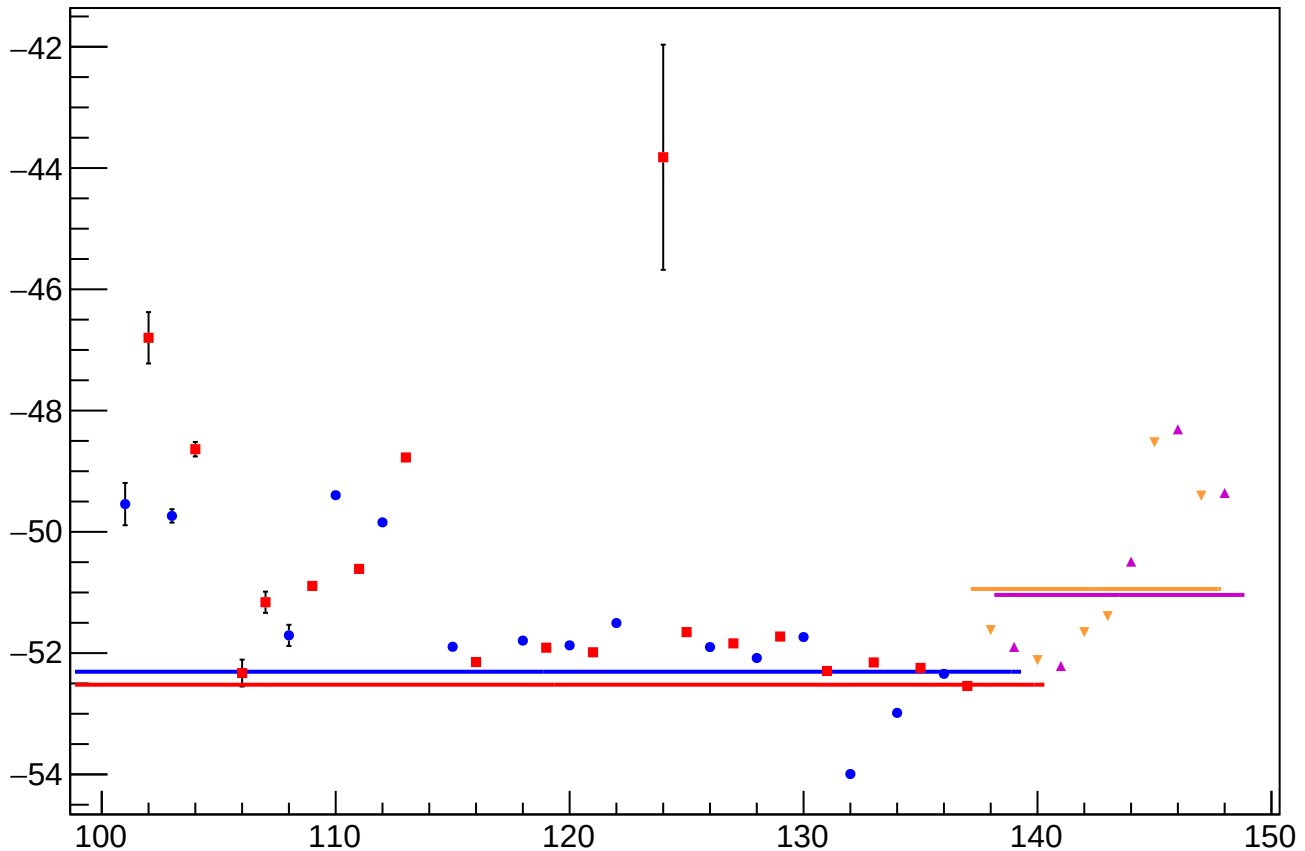
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.393 ± 0.001 $\chi^2/\text{NDF}: 6133.2/19$

Out: 0.413 ± 0.001 $\chi^2/\text{NDF}: 7265.7/23$

All: 0.403 ± 0.001 $\chi^2/\text{NDF}: 13616.1/43$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -50.942 $\pm$ 0.004 χ^2 /NDF: 62767.4/5

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -51.040 $\pm$ 0.004 χ^2 /NDF: 116098.0/4

Left: -50.990 $\pm$ 0.003 χ^2 /NDF: 179168.6/10

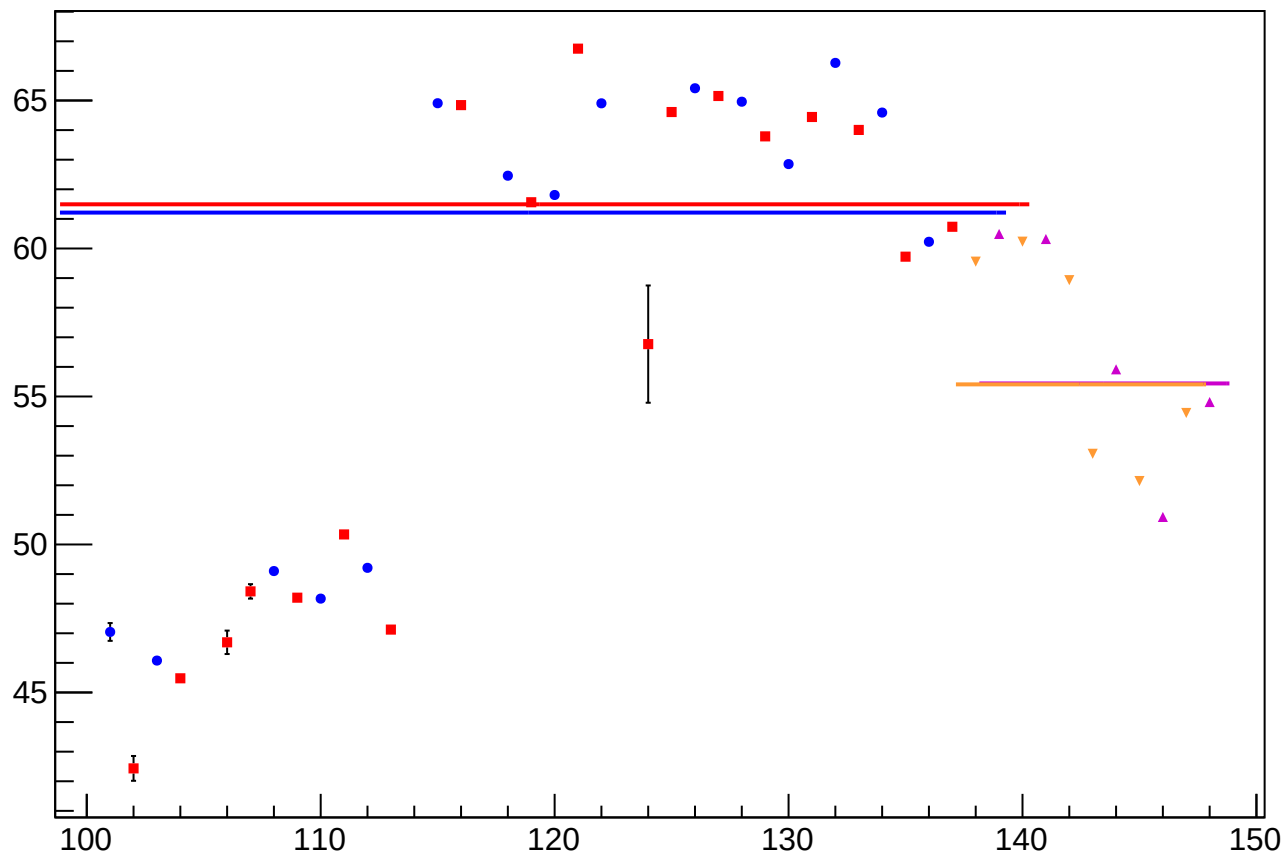
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -51.694 $\pm$ 0.003 χ^2 /NDF: 193015.4/19

Out: -52.406 $\pm$ 0.001 χ^2 /NDF: 226730.9/23

All: -52.316 $\pm$ 0.001 χ^2 /NDF: 476547.6/43

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 55.409 $\pm$ 0.007 χ^2 /NDF:188077.8/5

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.441 $\pm$ 0.008 χ^2 /NDF:49023.4/4

Left: 55.422 $\pm$ 0.005 χ^2 /NDF: 237109.2/10

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 57.869 $\pm$ 0.006 χ^2 /NDF:401530.3/19

Out: 58.641 $\pm$ 0.005 χ^2 /NDF:816153.9/23

All: 58.358 $\pm$ 0.004 χ^2 /NDF: 1226796.0/43

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

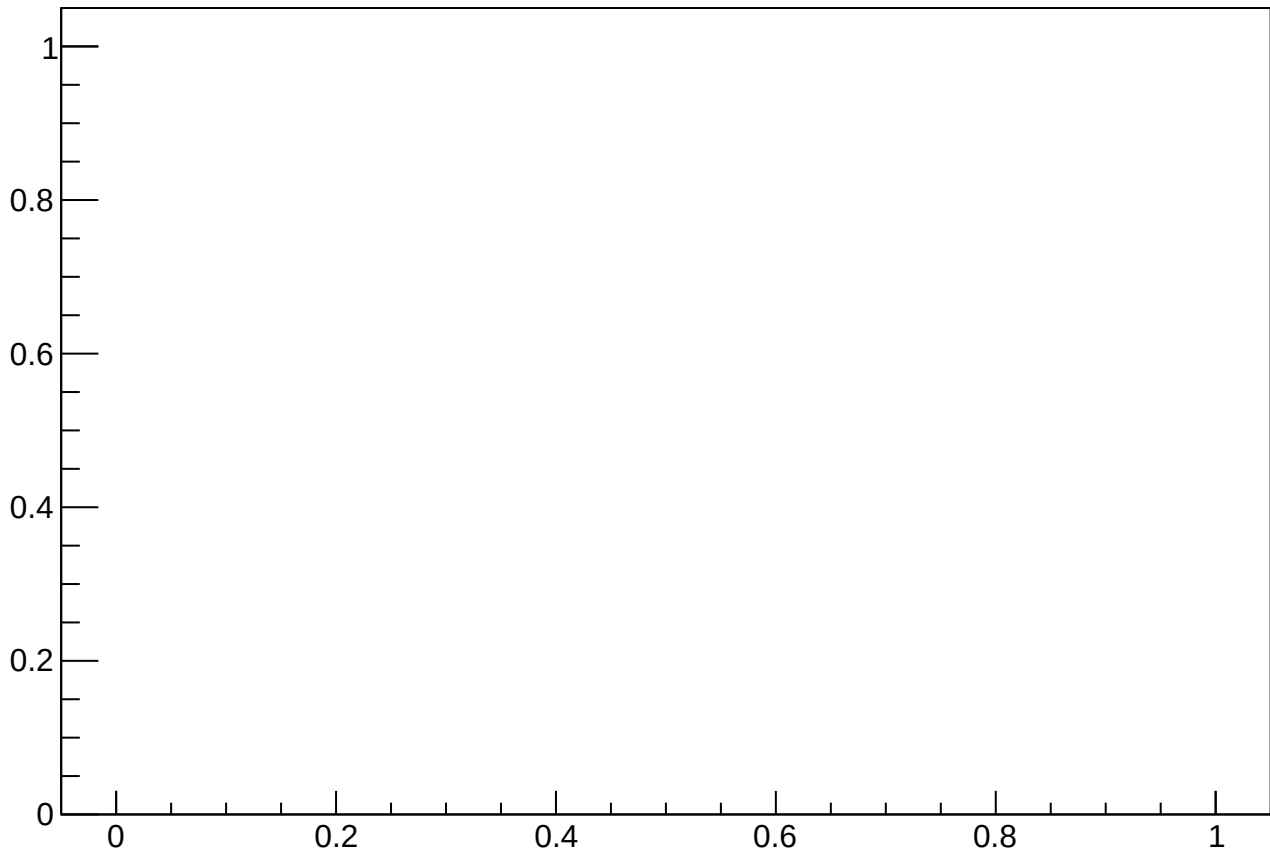
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

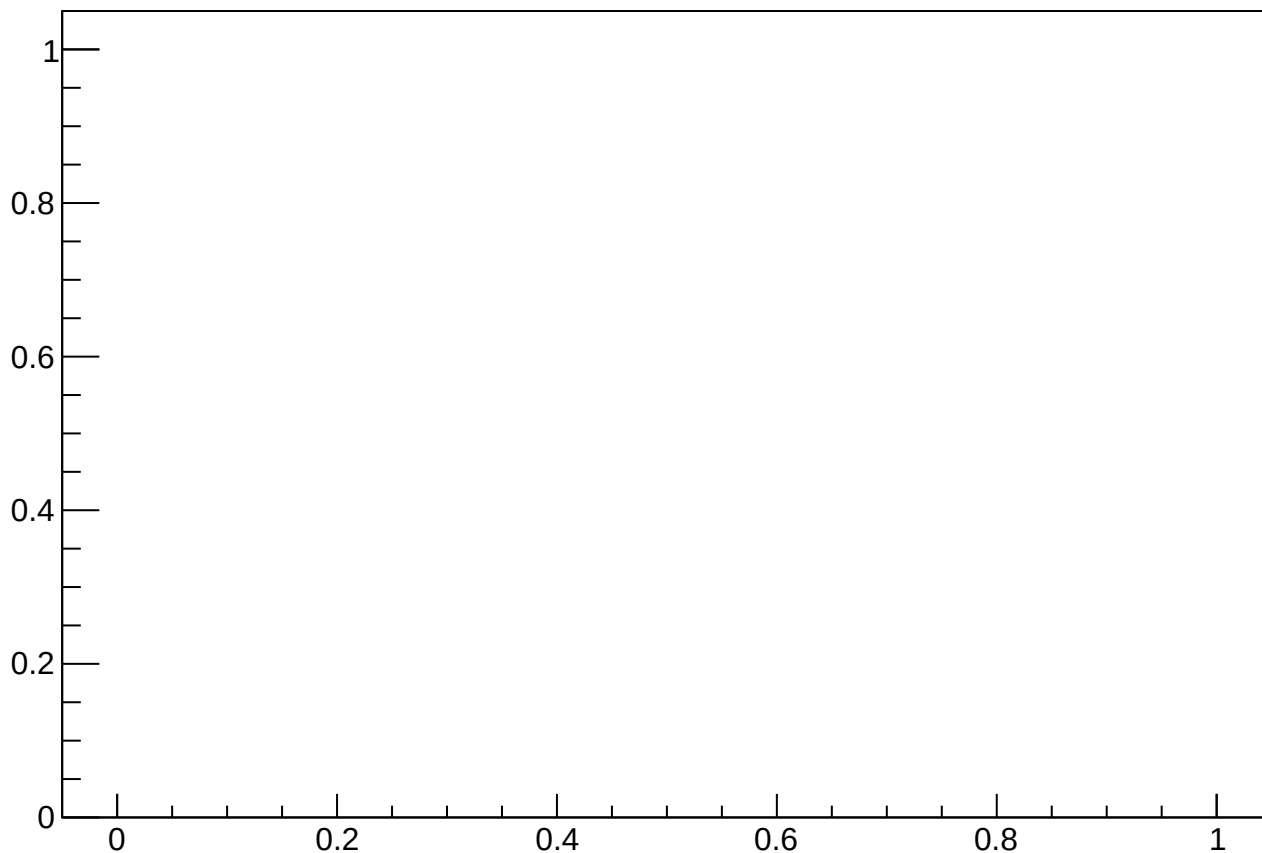
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

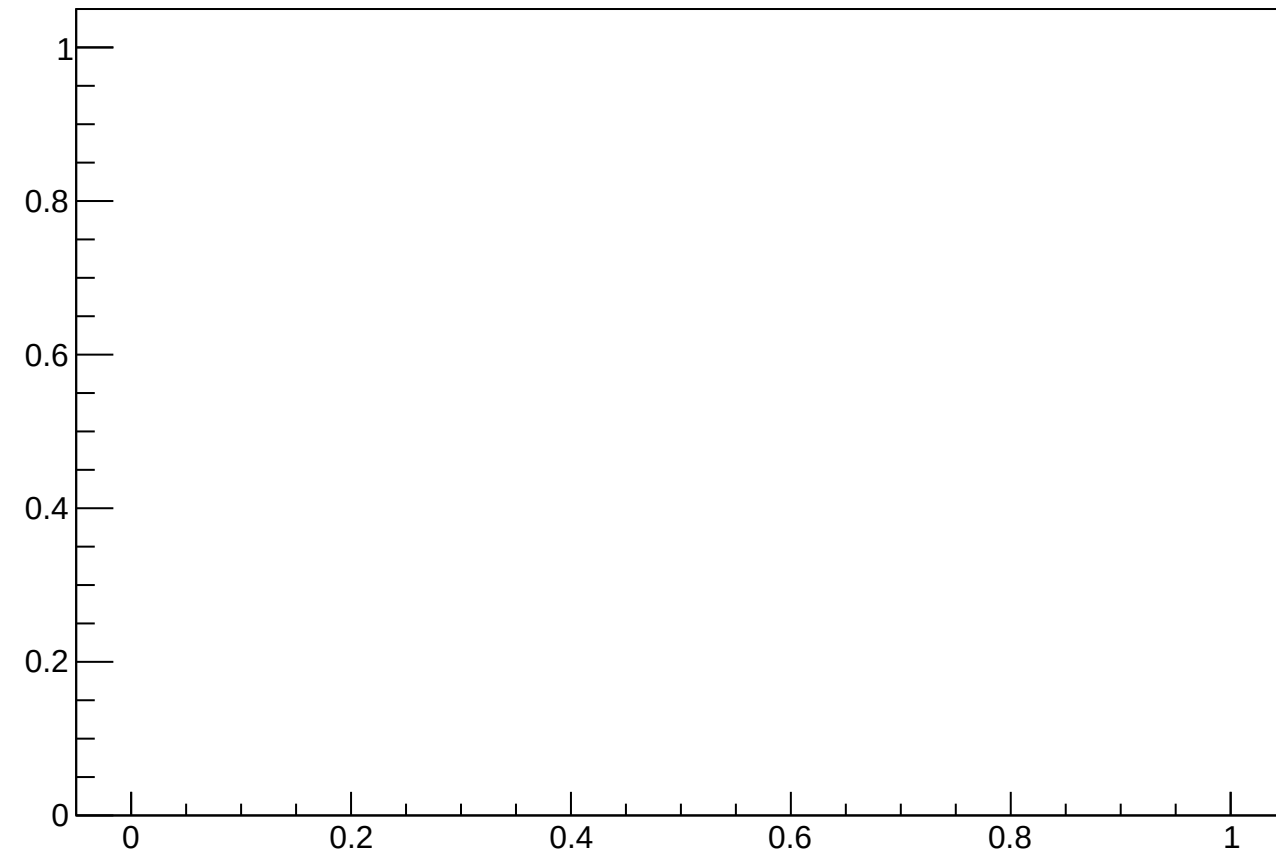
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

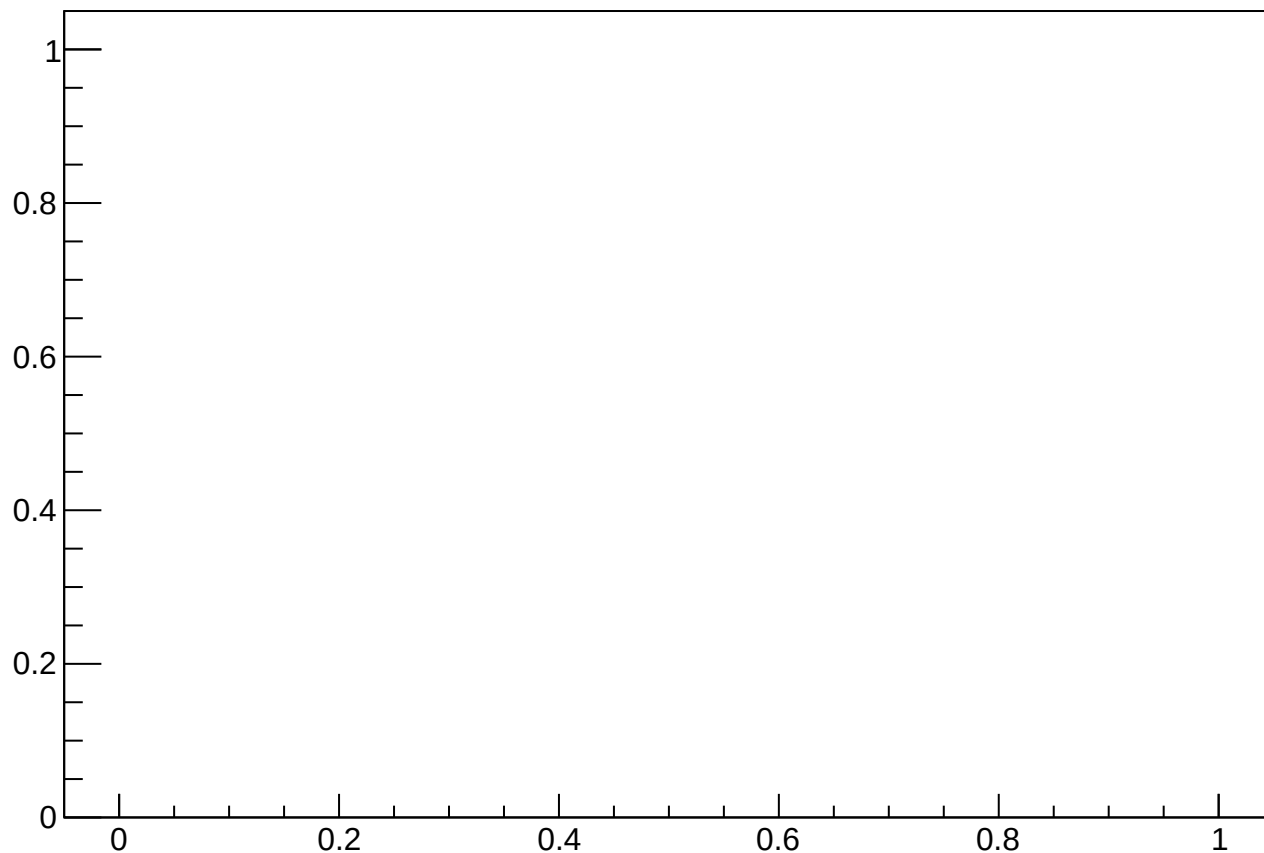
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

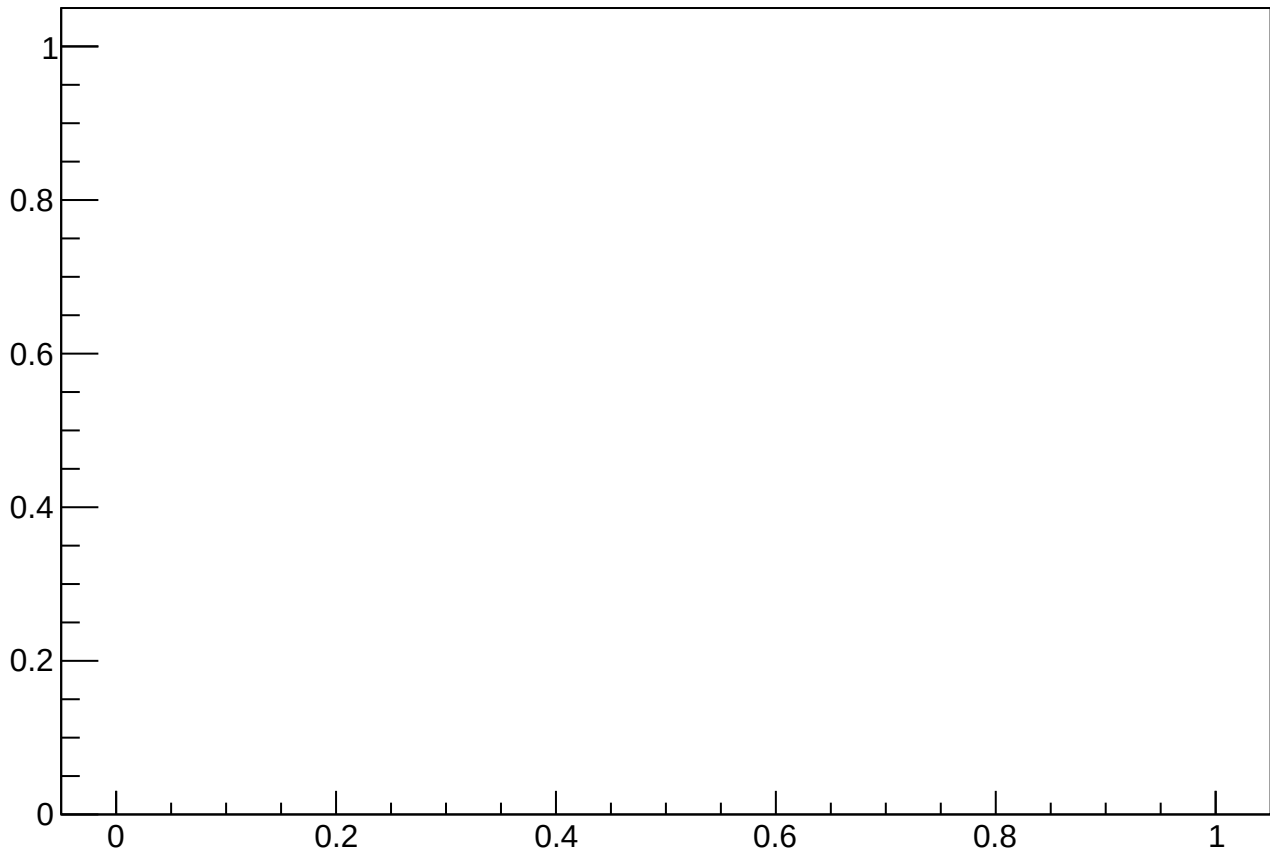
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_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_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_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_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

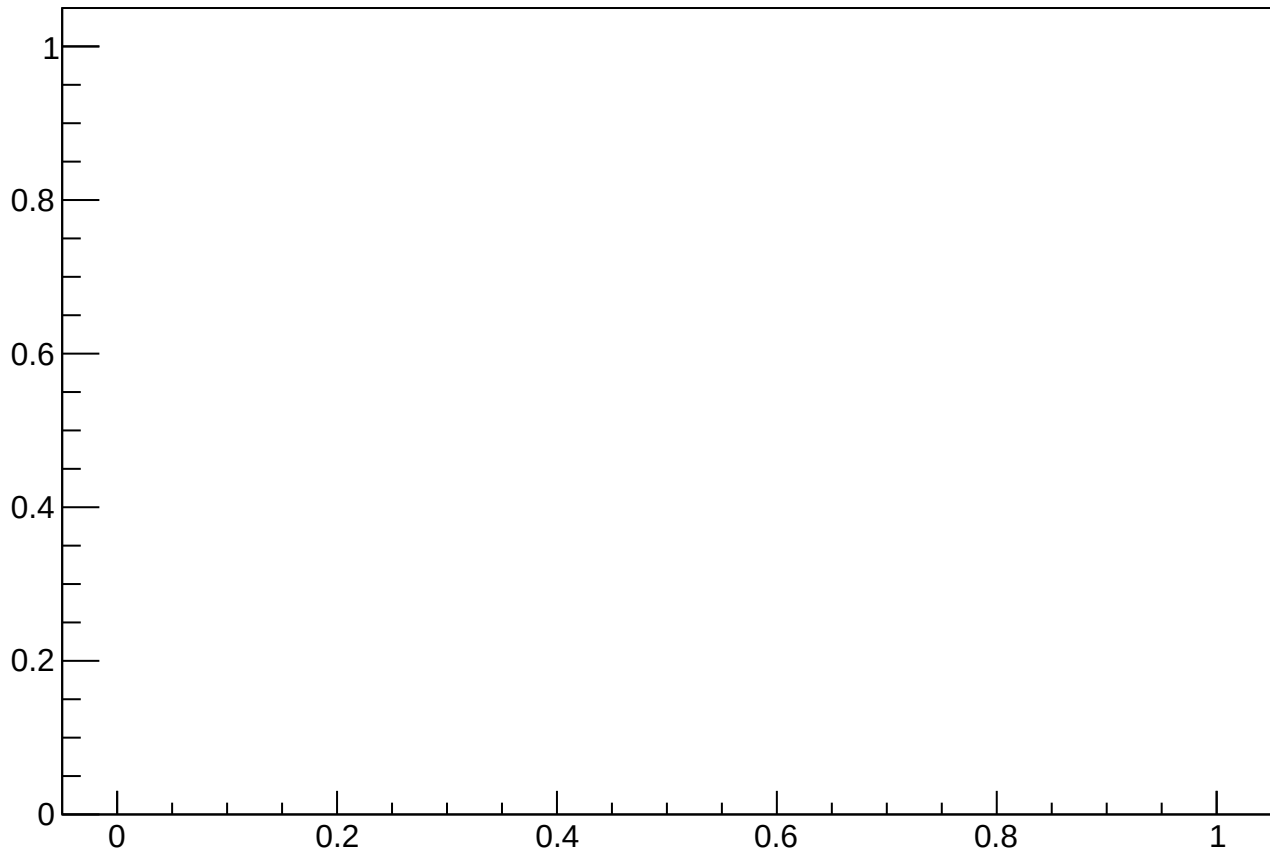
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

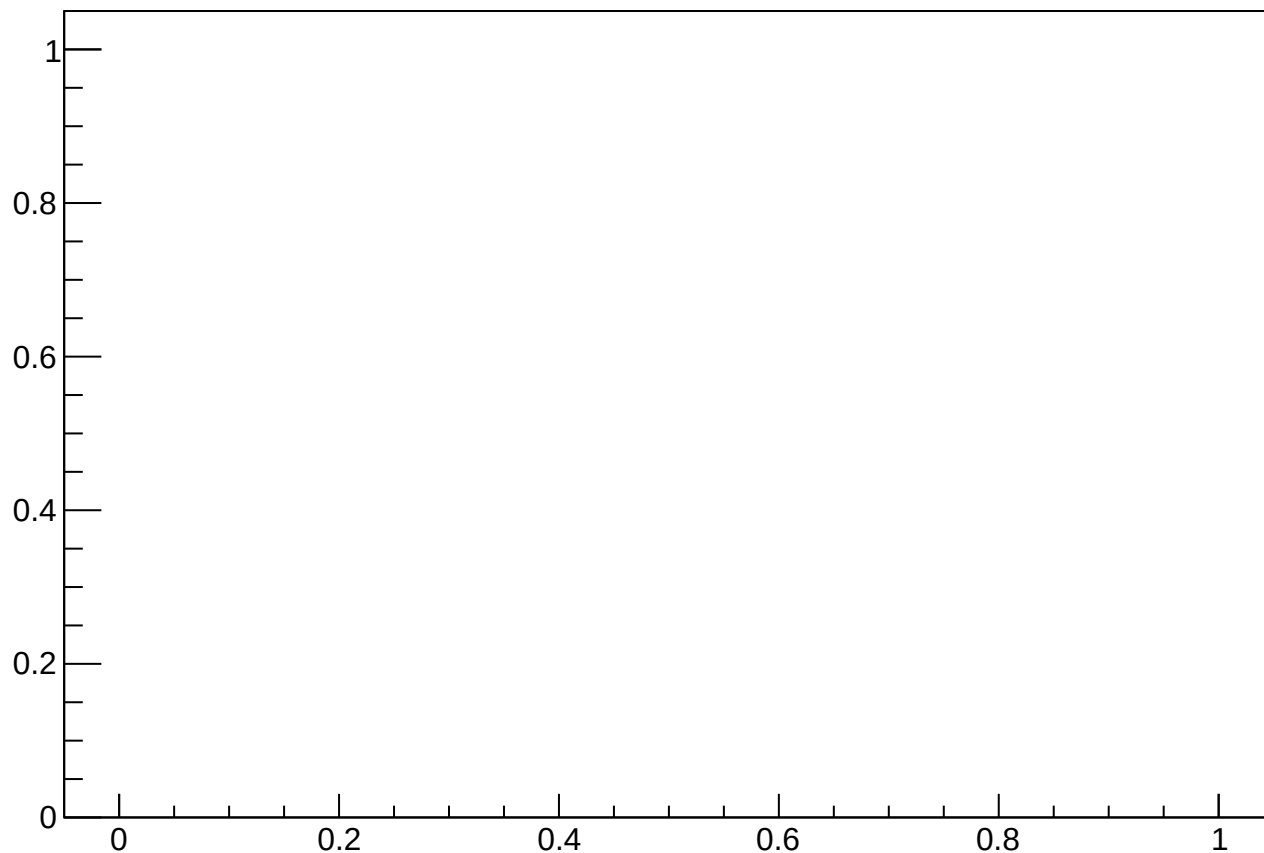
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_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_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_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_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_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_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

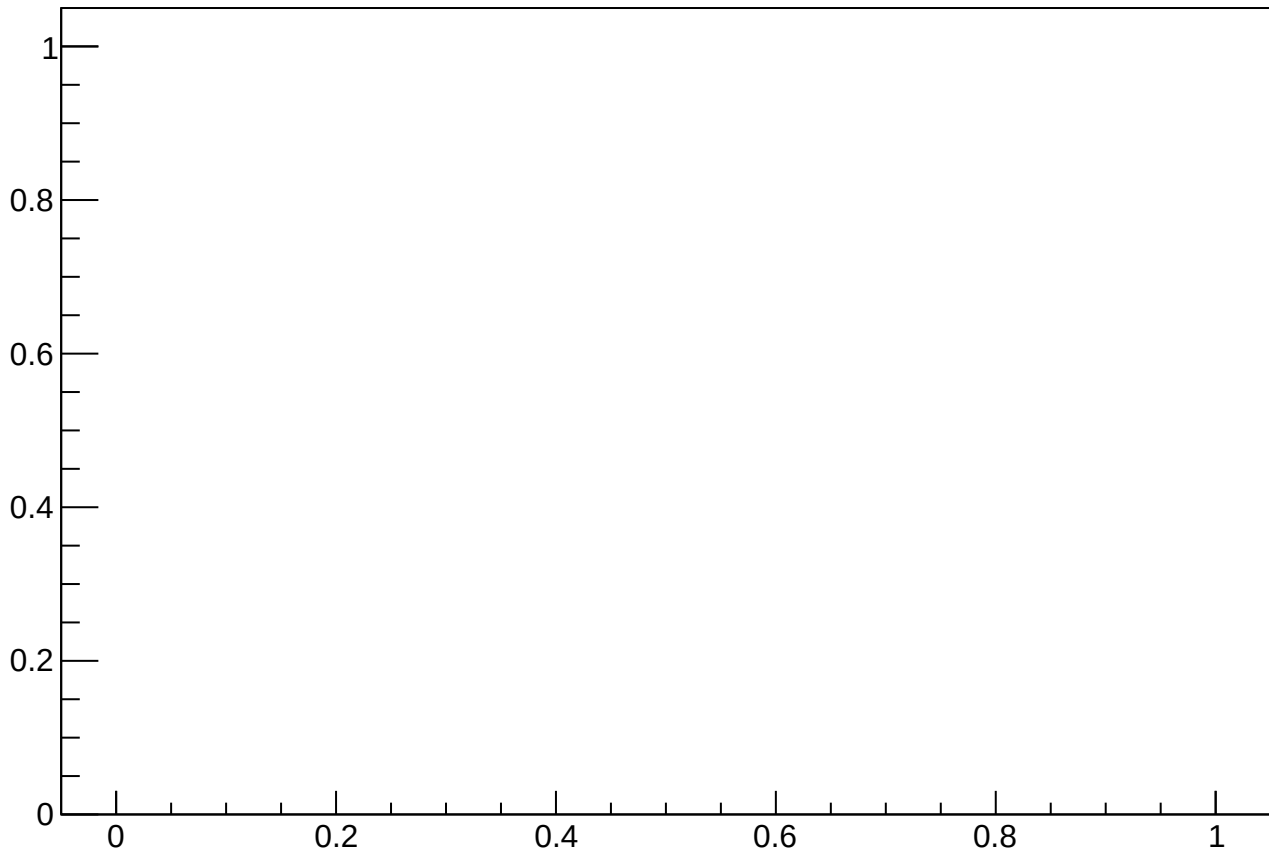
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_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_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_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_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_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

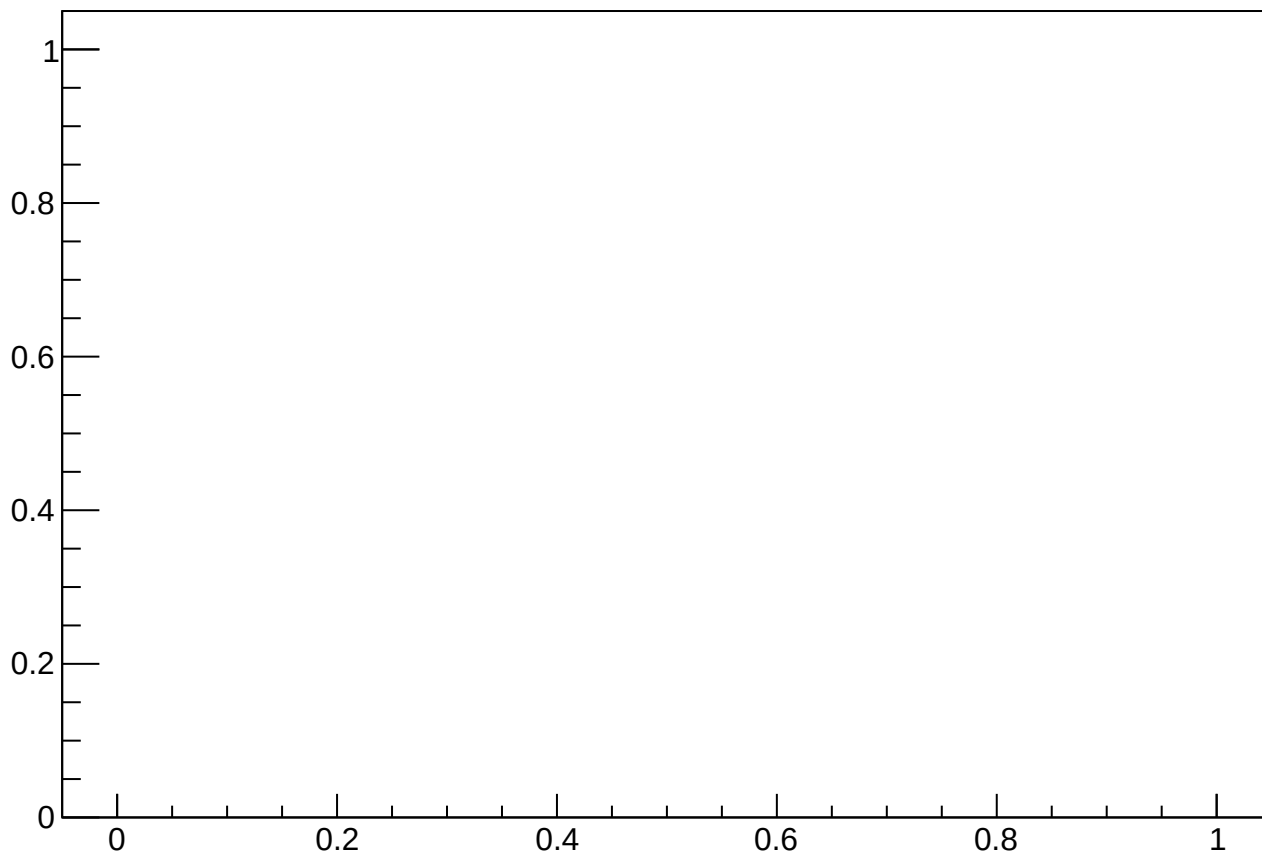
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_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_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_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_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_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_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

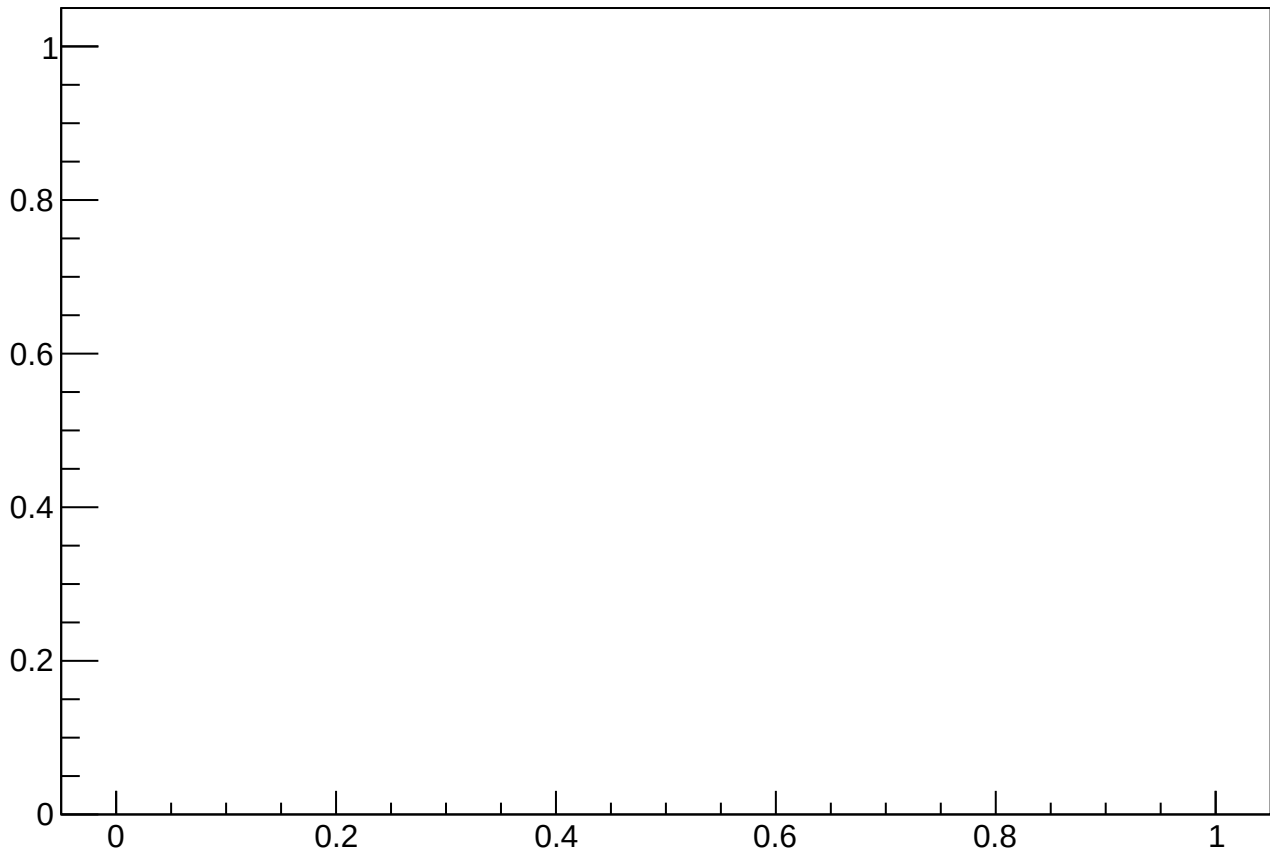
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_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_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_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_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_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

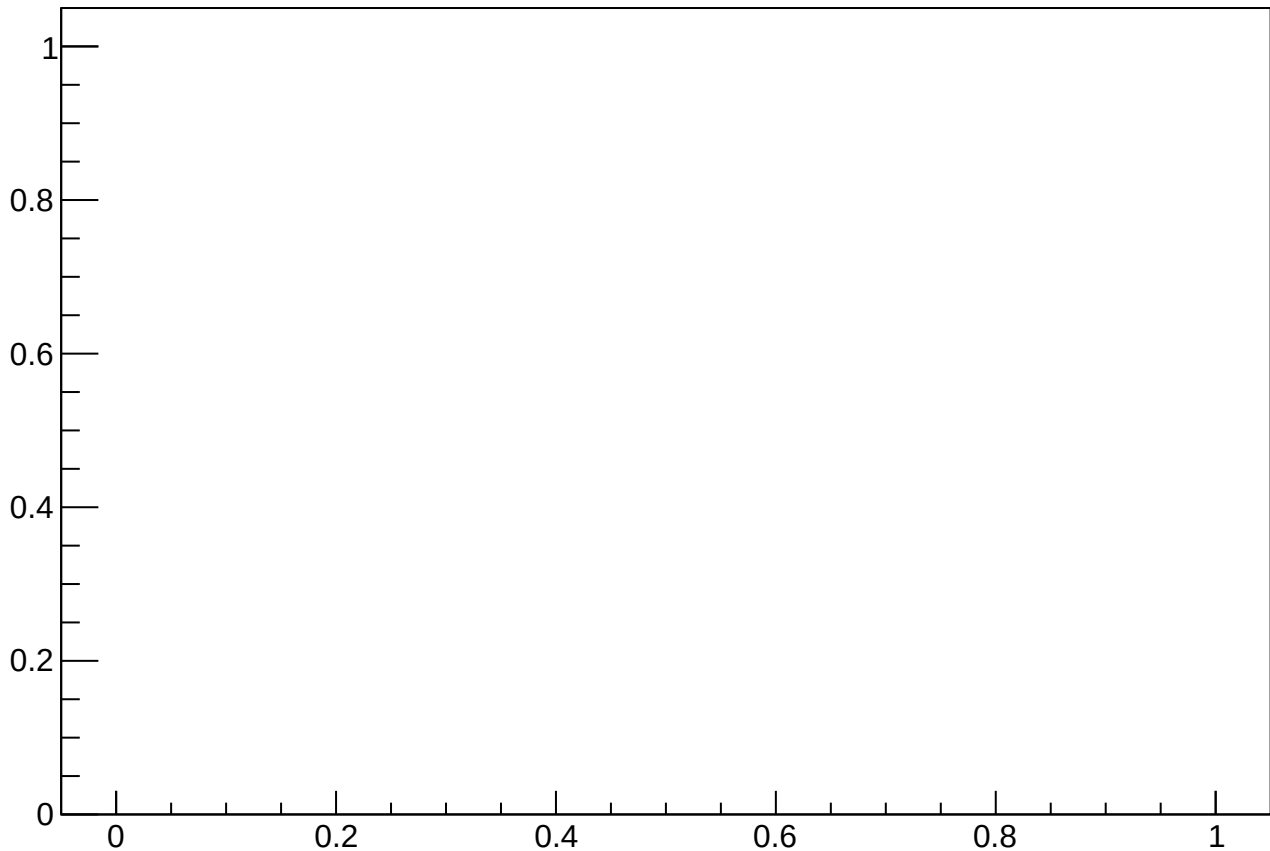
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_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_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_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_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_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_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_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_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

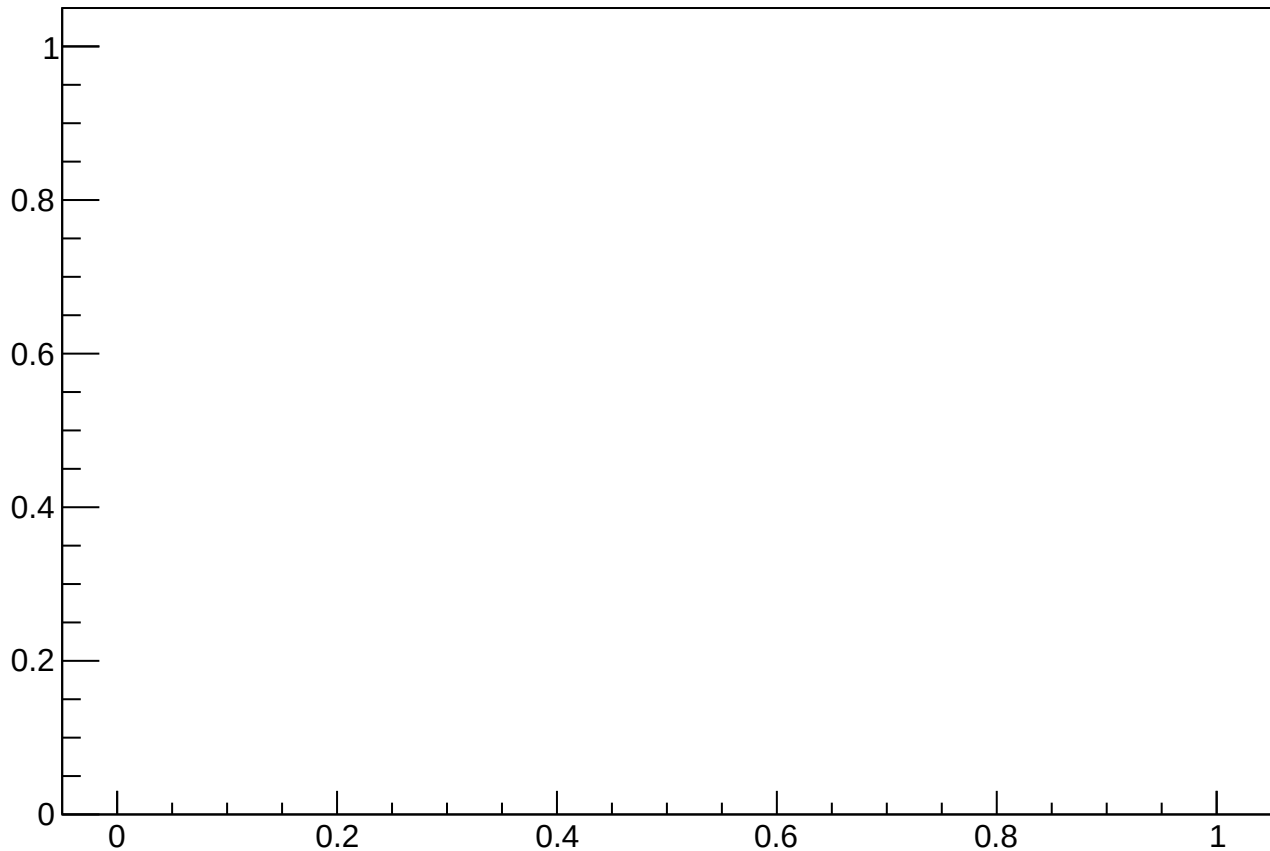
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

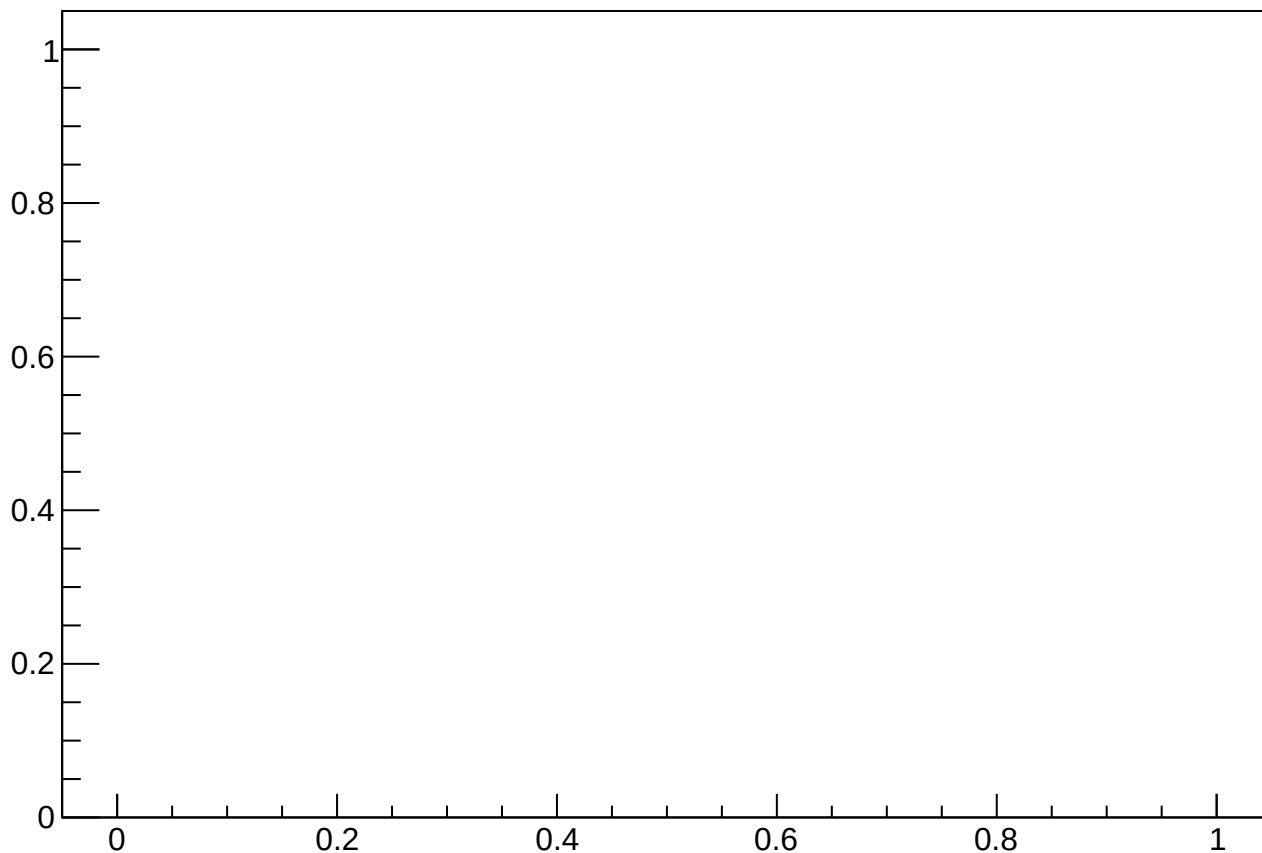
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_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_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_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_4eY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

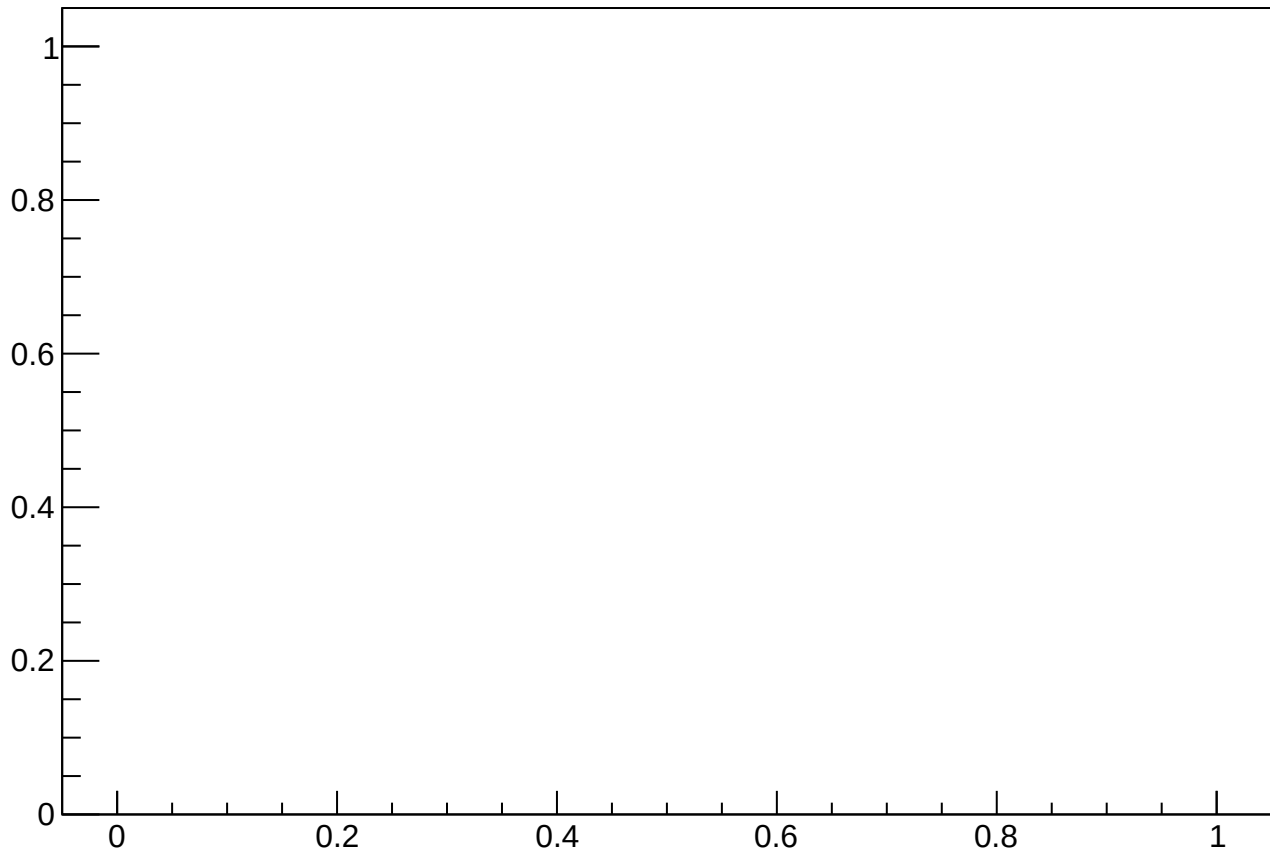
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_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_usl_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_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_usr_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_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

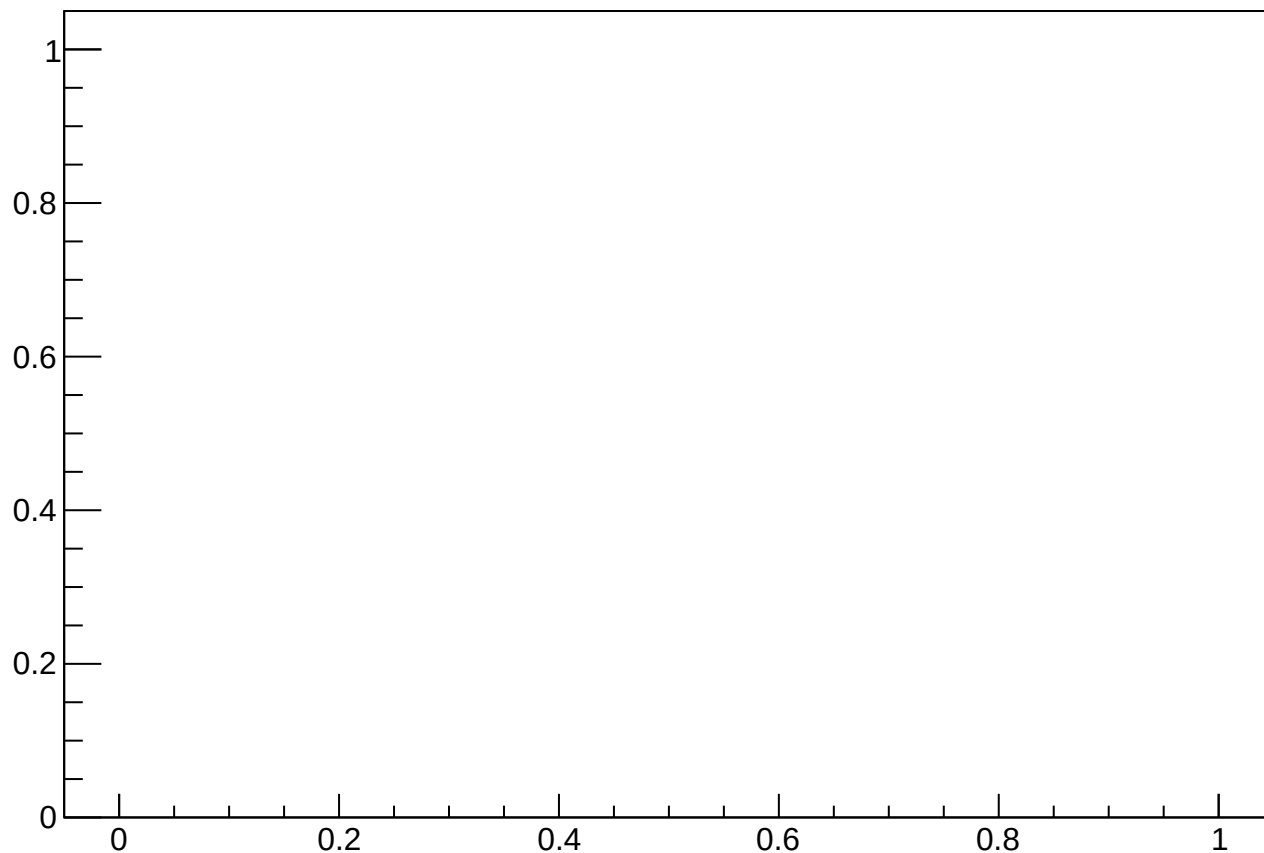
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_atl1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_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

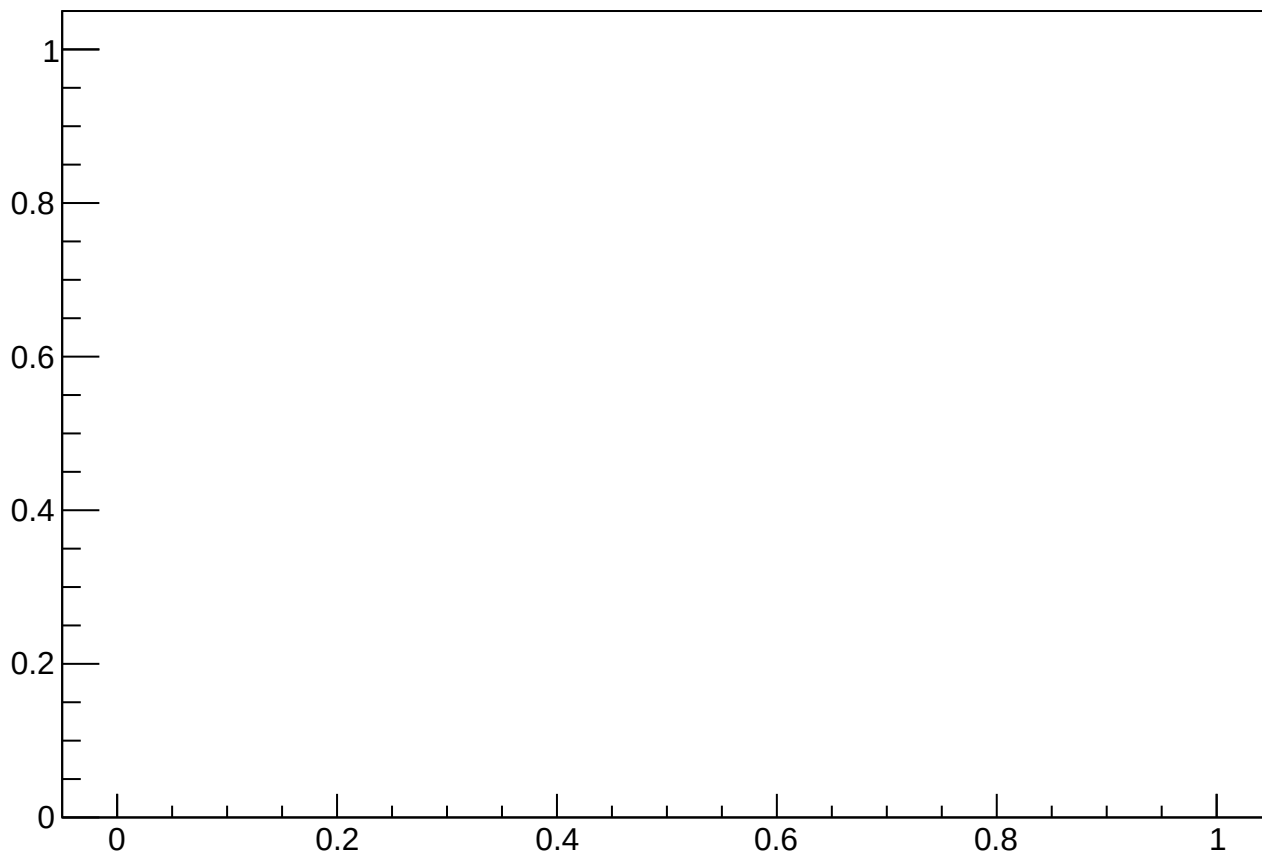
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_atl2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_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_atr1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_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_atr2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_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_sam1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_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_sam2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_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_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_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_sam4_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_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_sam5_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_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_sam6_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_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_sam7_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_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_sam8_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

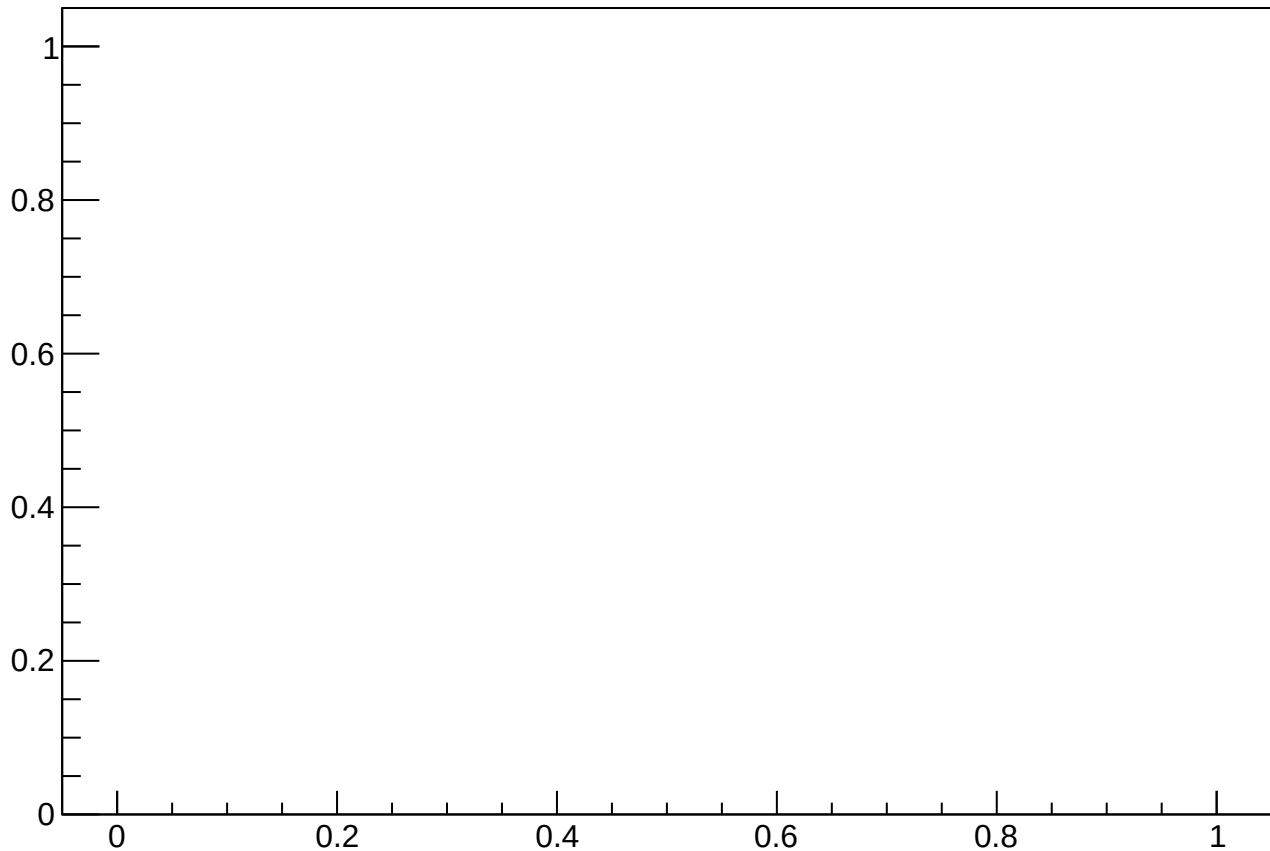
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

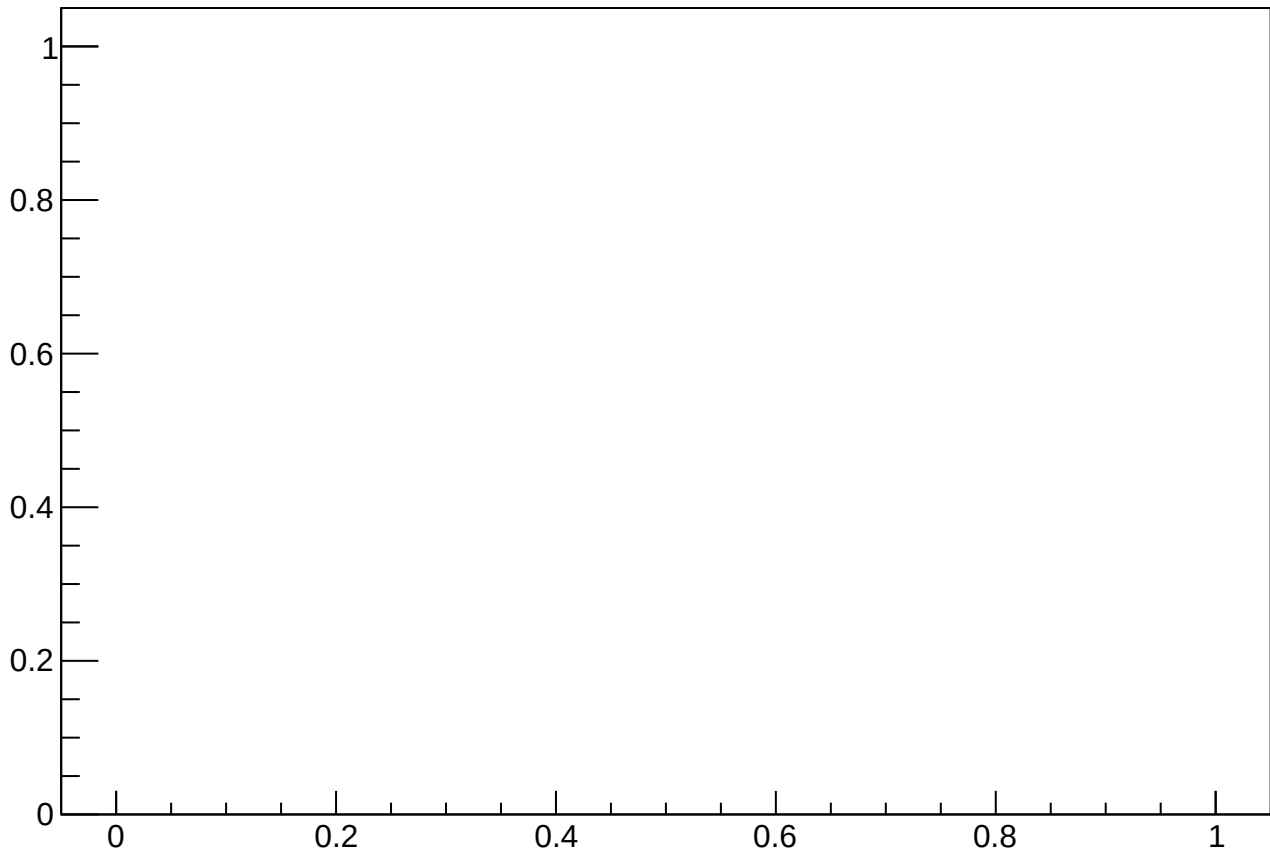
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

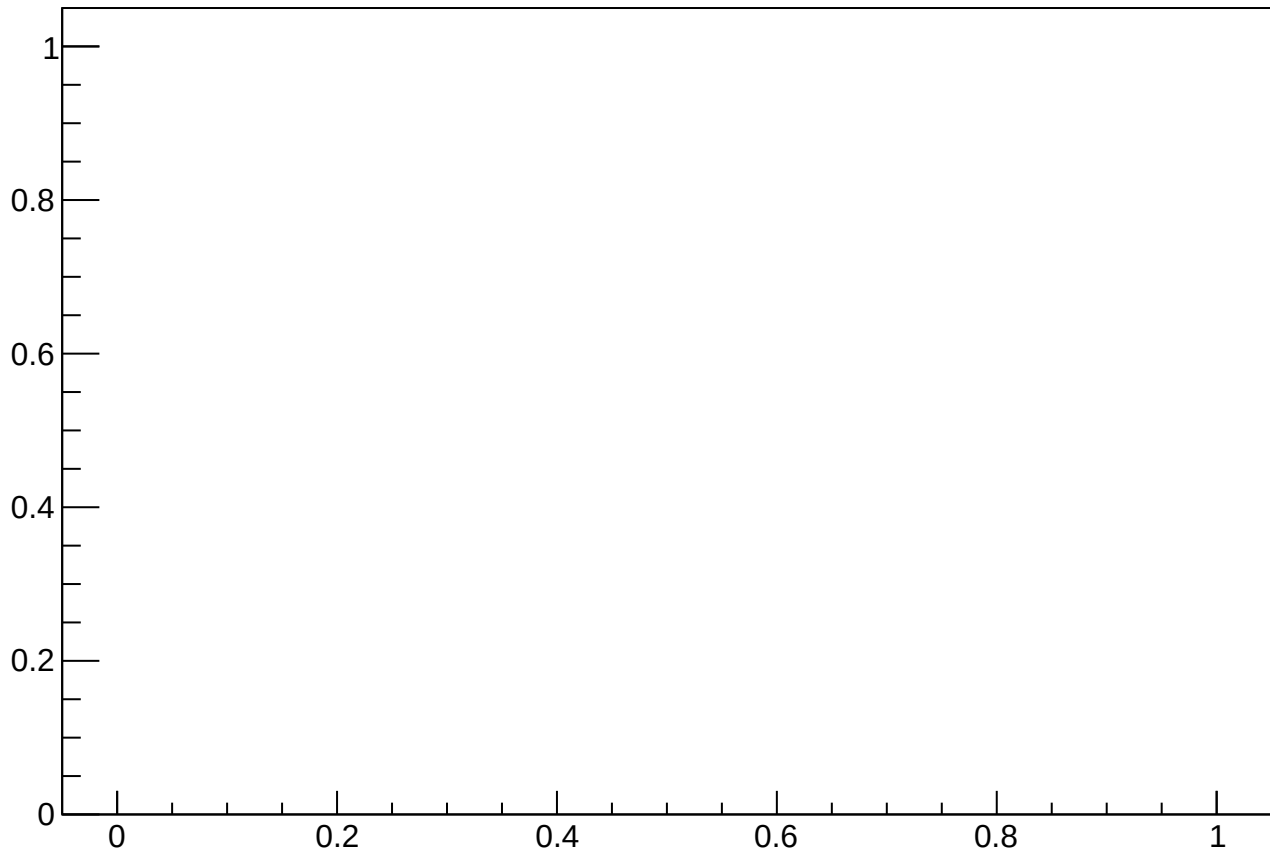
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

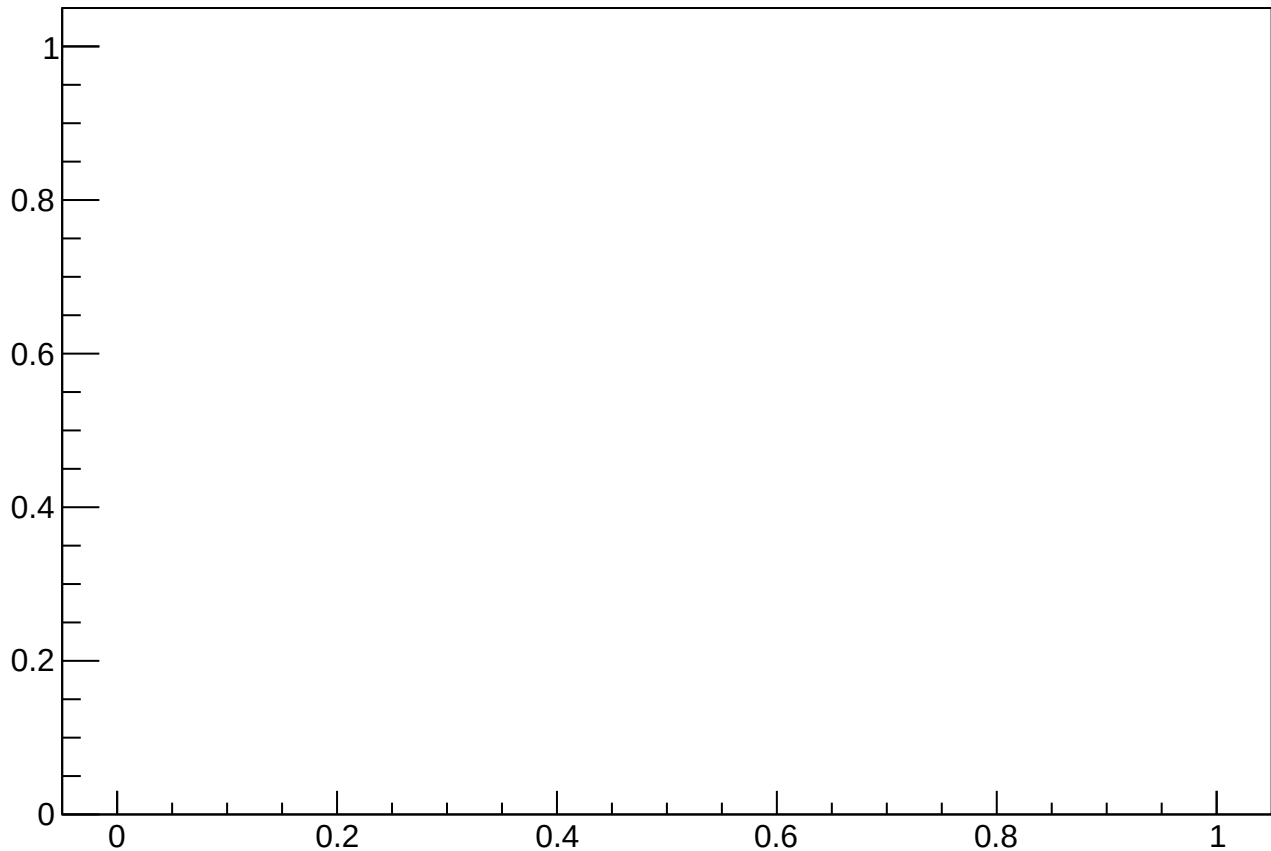
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_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_4aY_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_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_4eY_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_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_usl_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_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_usr_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_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

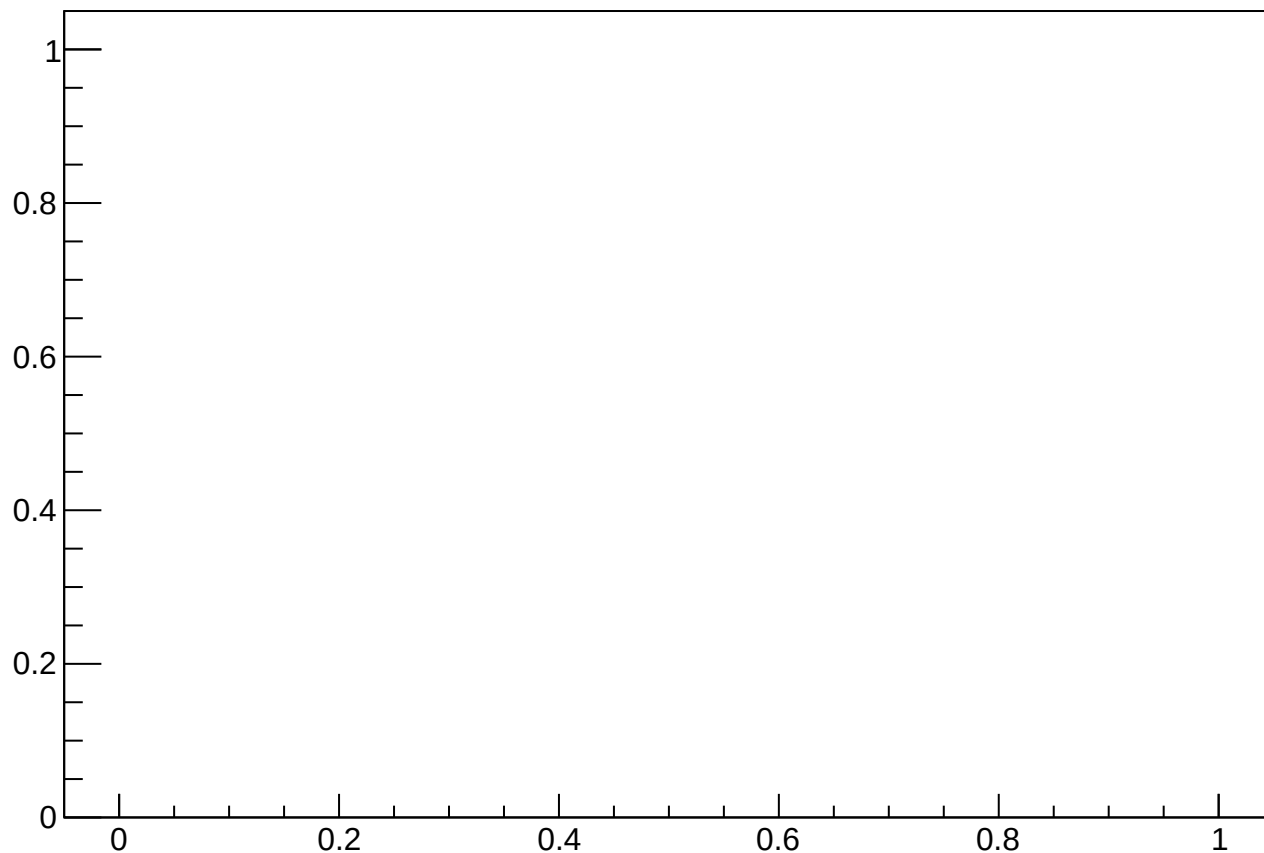
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_atl1_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_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

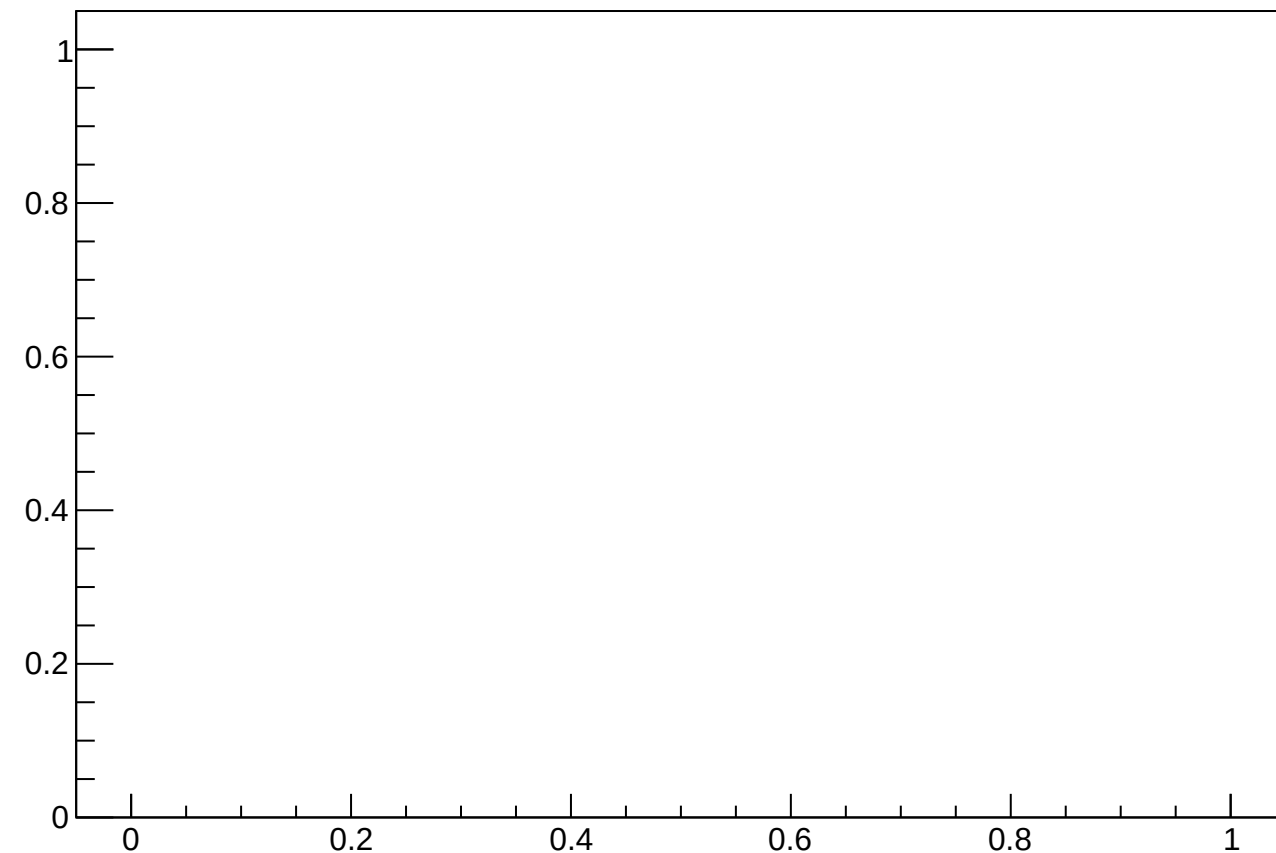
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_atl2_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_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_atr1_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_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_atr2_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_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_sam1_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil4_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_sam2_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_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_sam3_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_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_sam4_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_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_sam5_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_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_sam6_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_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_sam7_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil4_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_sam8_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_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_4eX_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

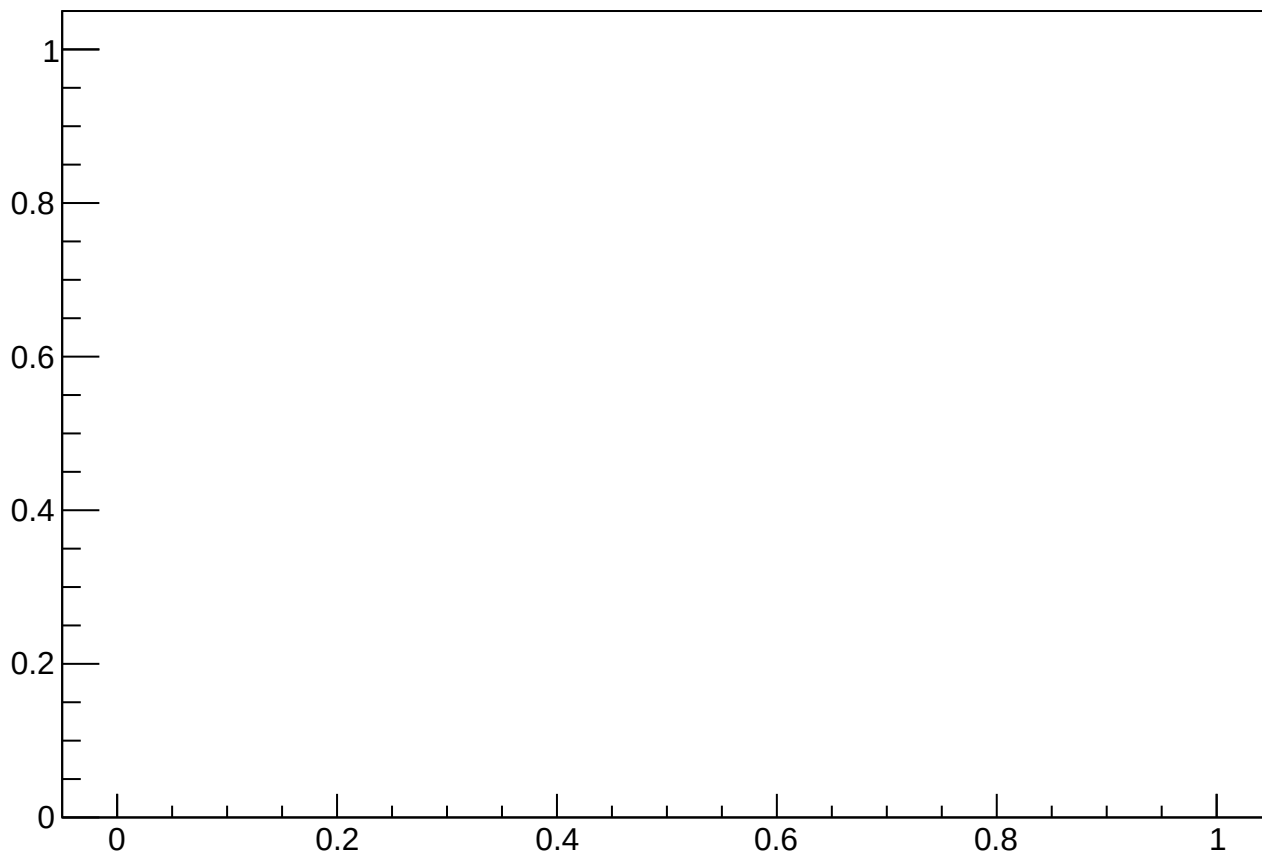
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_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_4aY_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_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_4eY_coil6_err_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

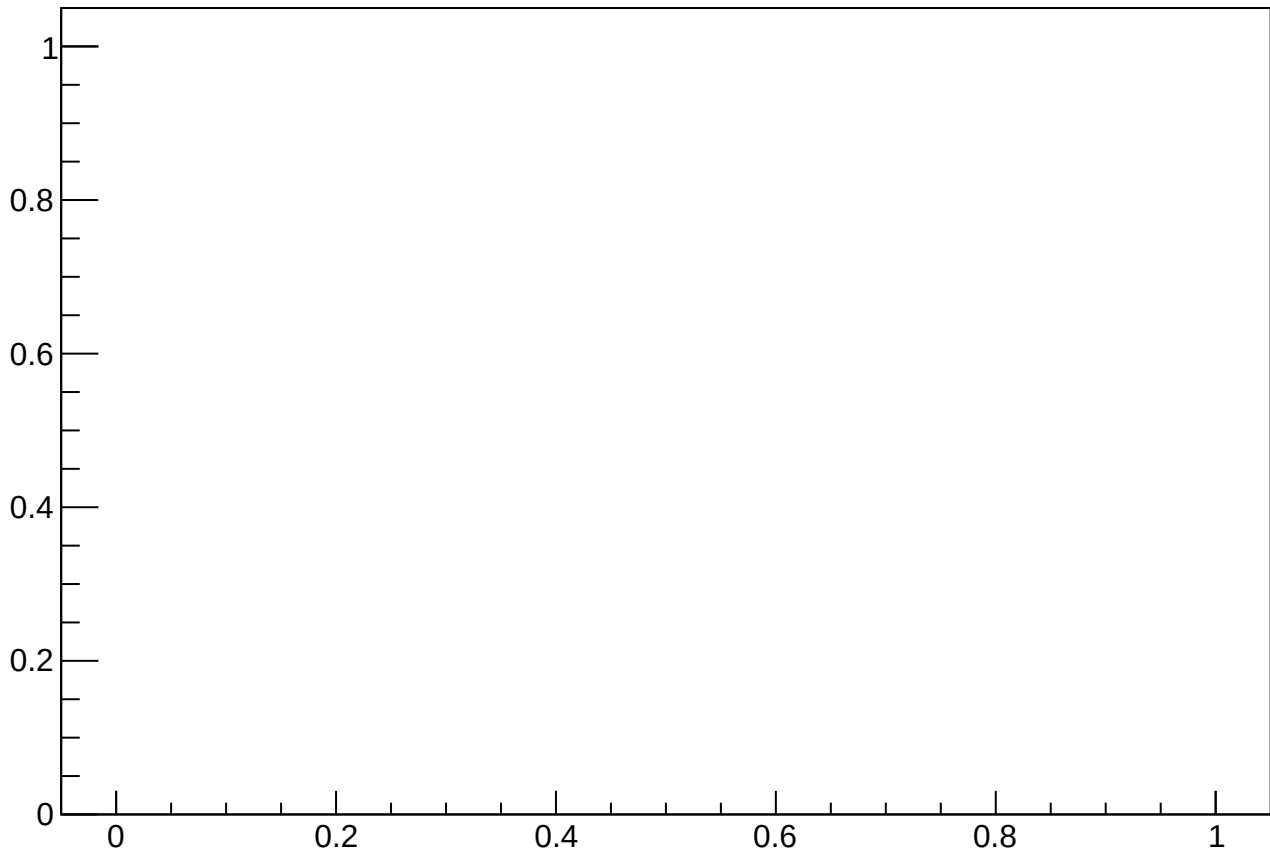
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_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_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_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_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

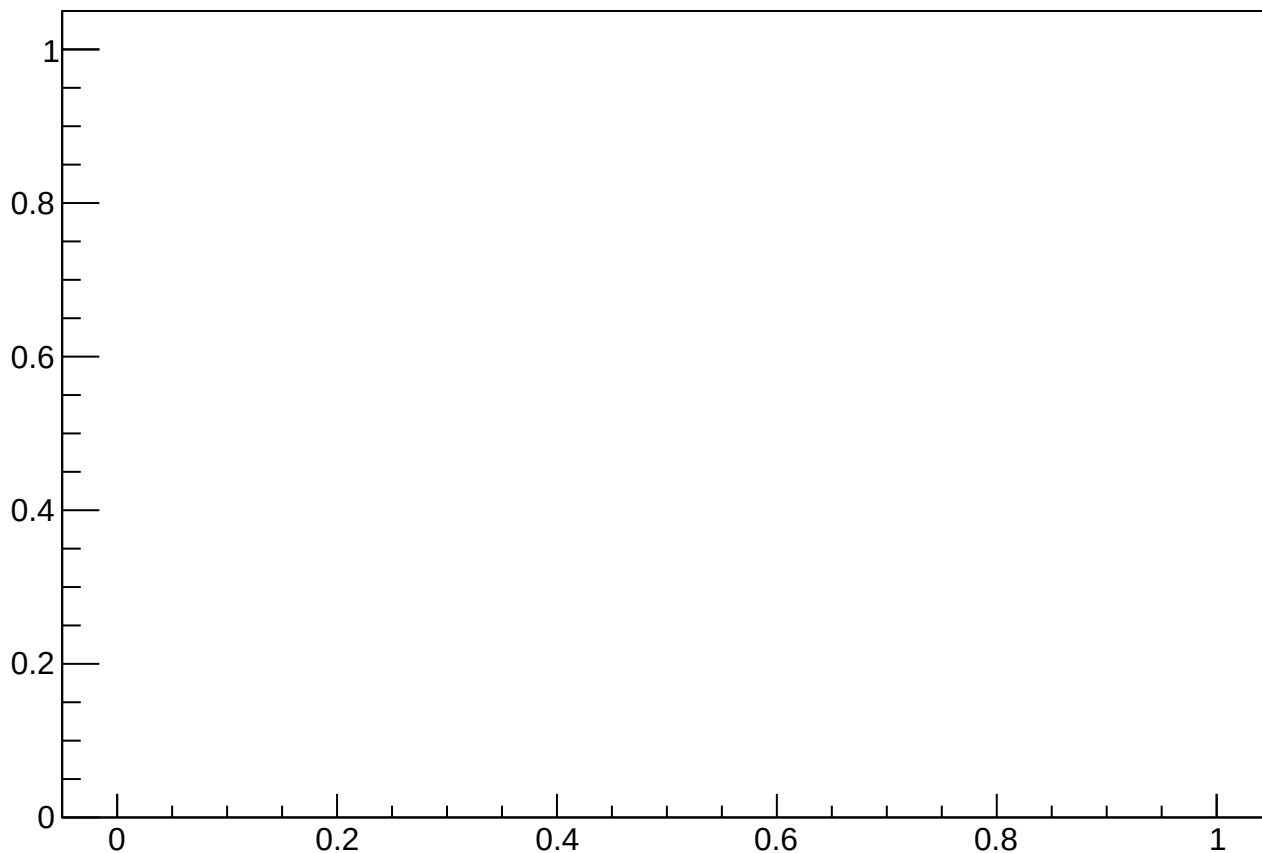
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_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

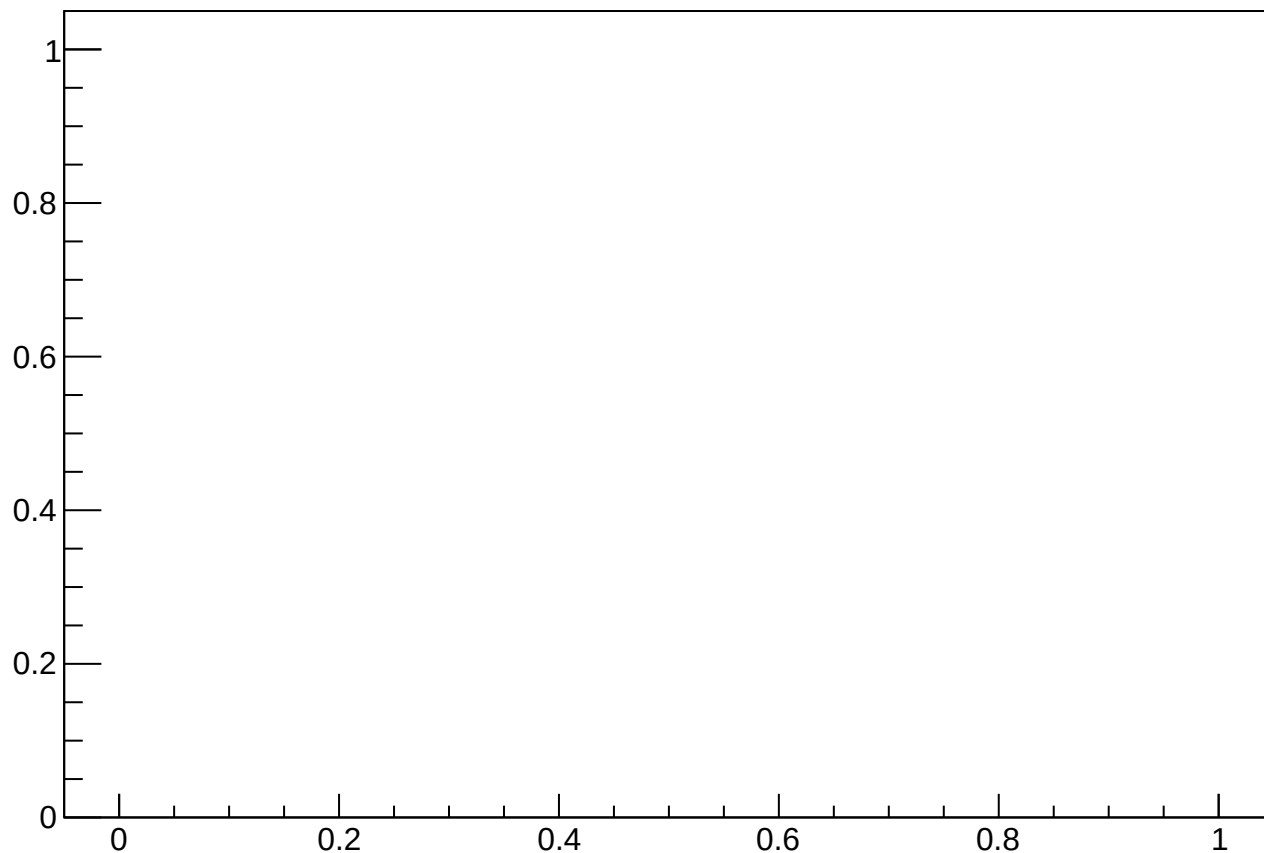
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_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_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_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_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_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_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_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_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_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_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_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_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_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_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_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_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_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_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_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_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_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

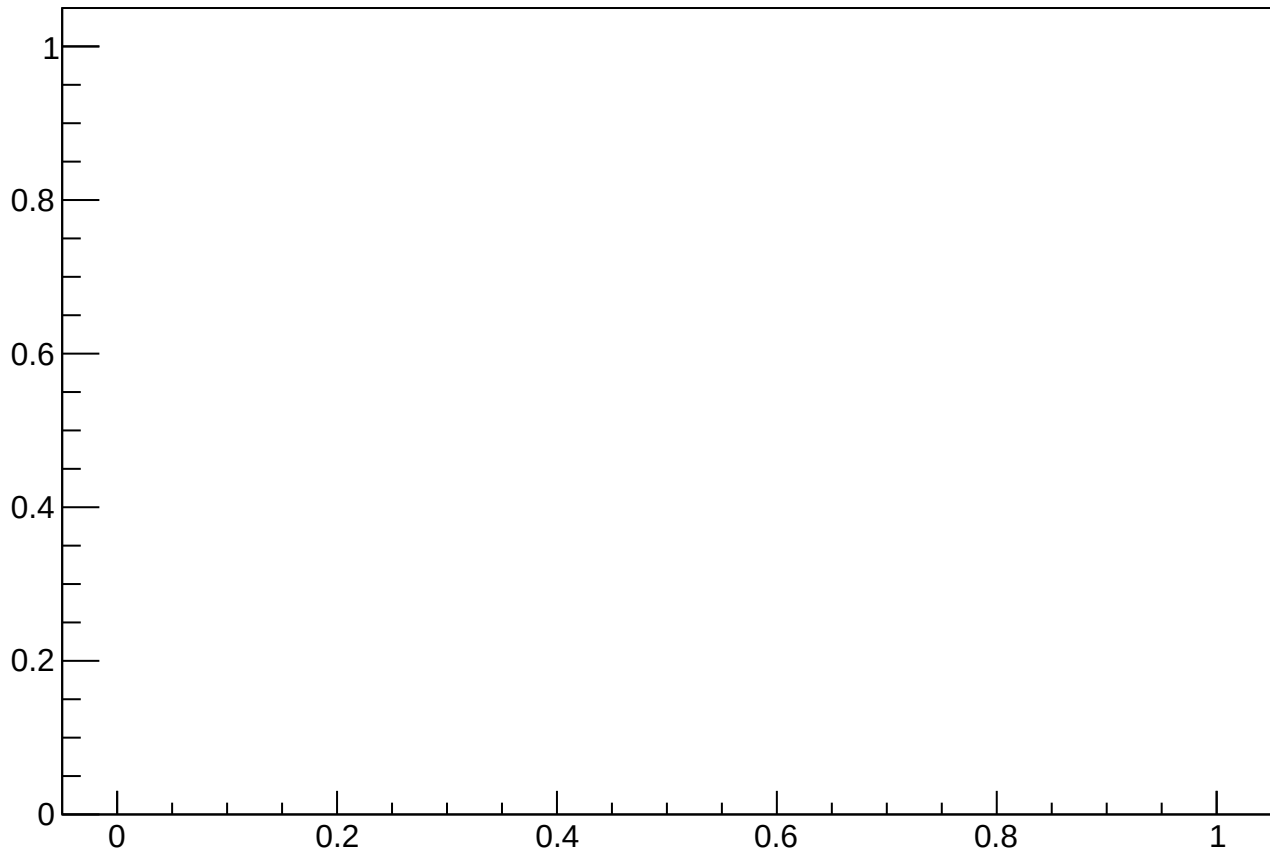
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

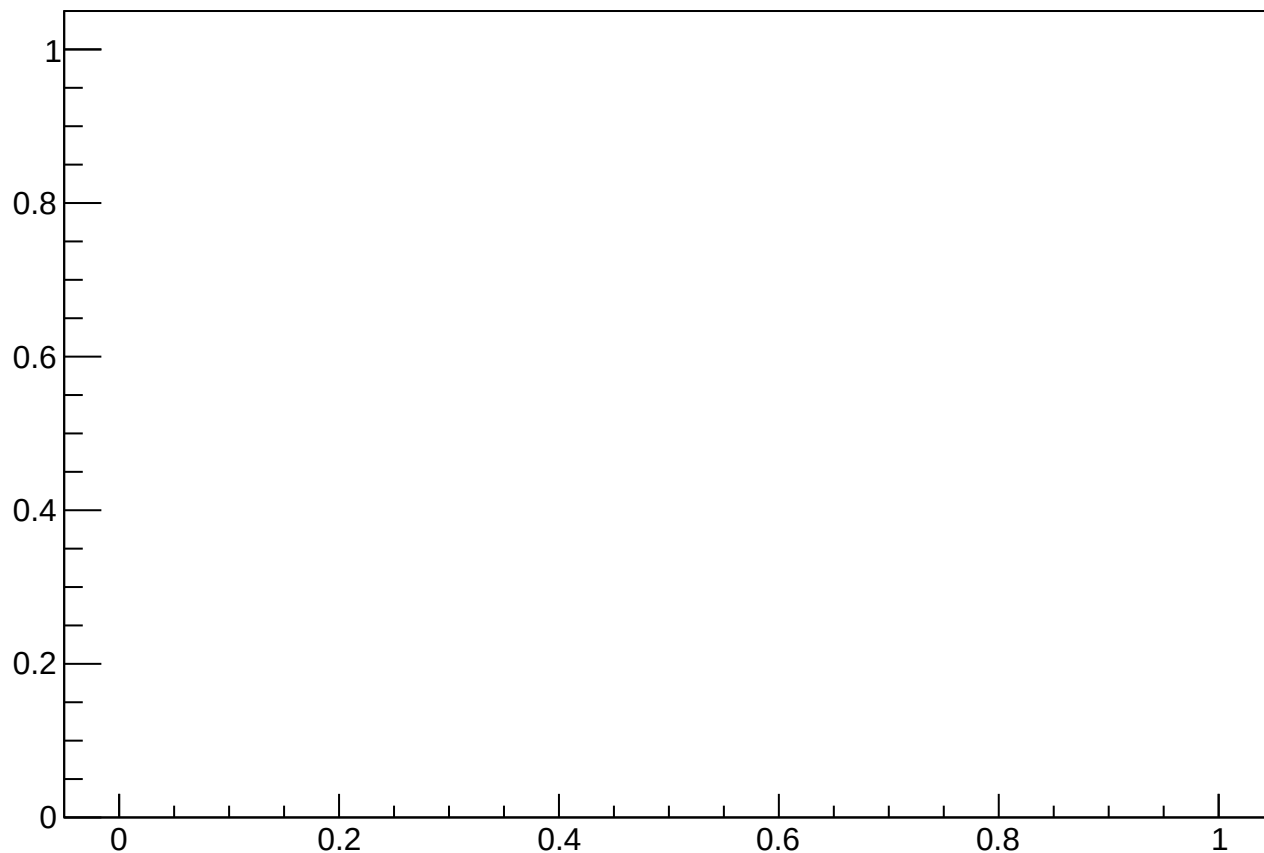
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_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_run_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

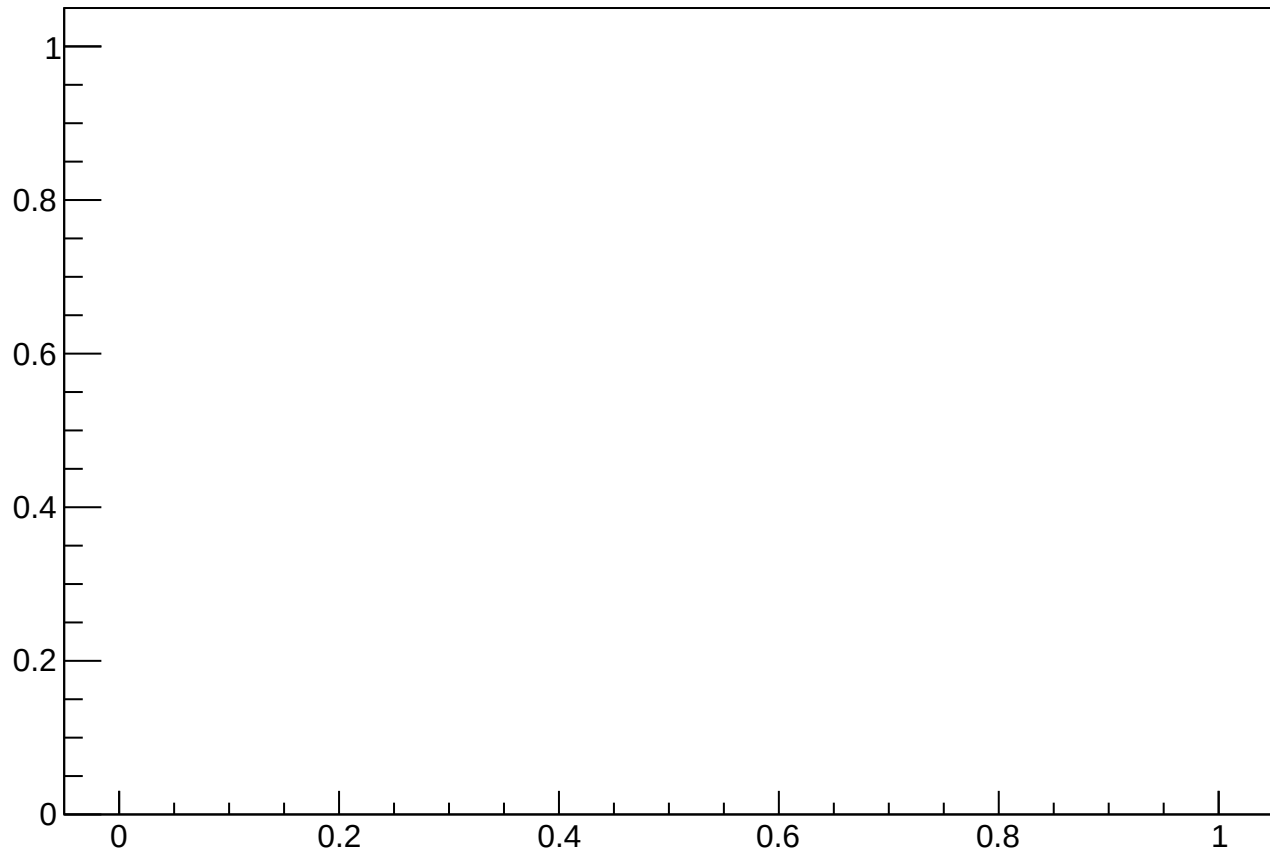
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_slug_slope 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_cyclenum_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_cyclenum_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_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

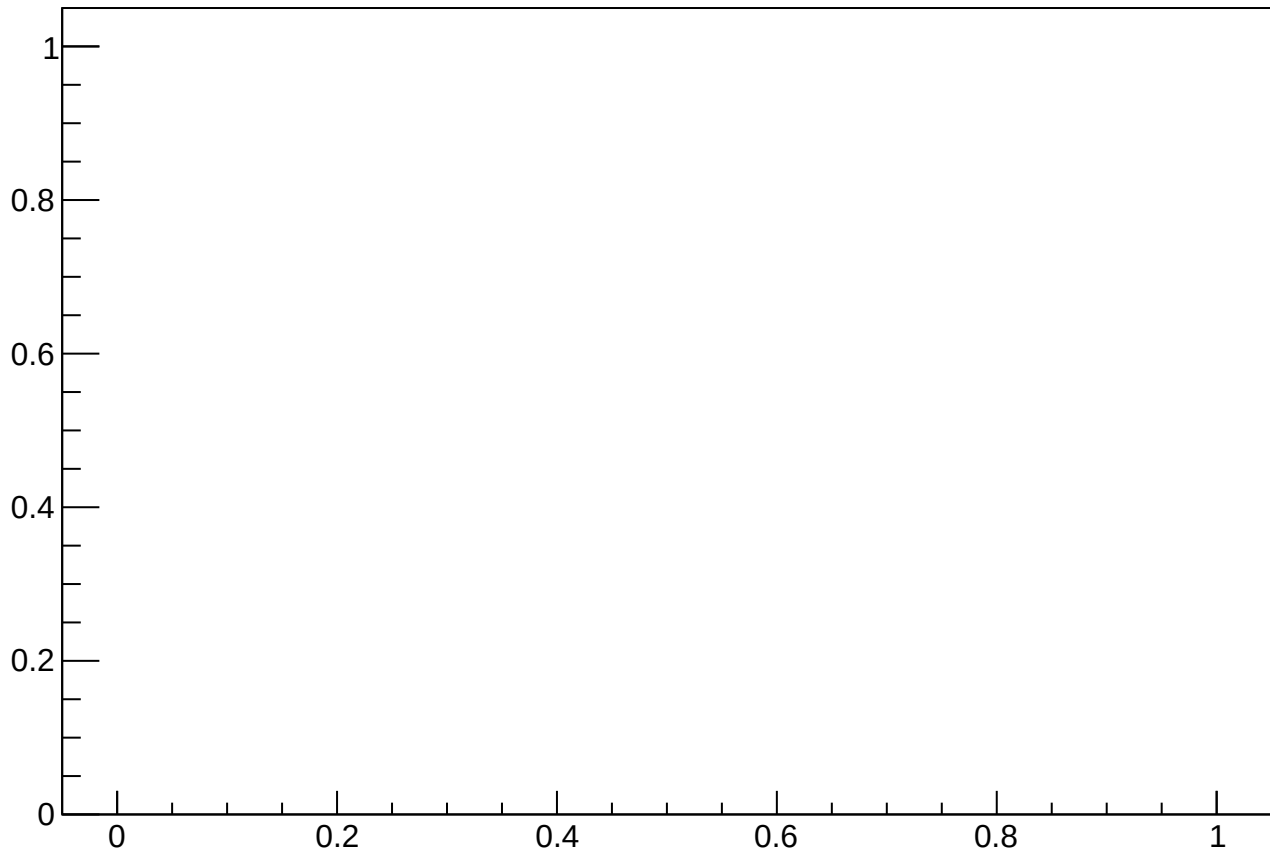
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



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_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

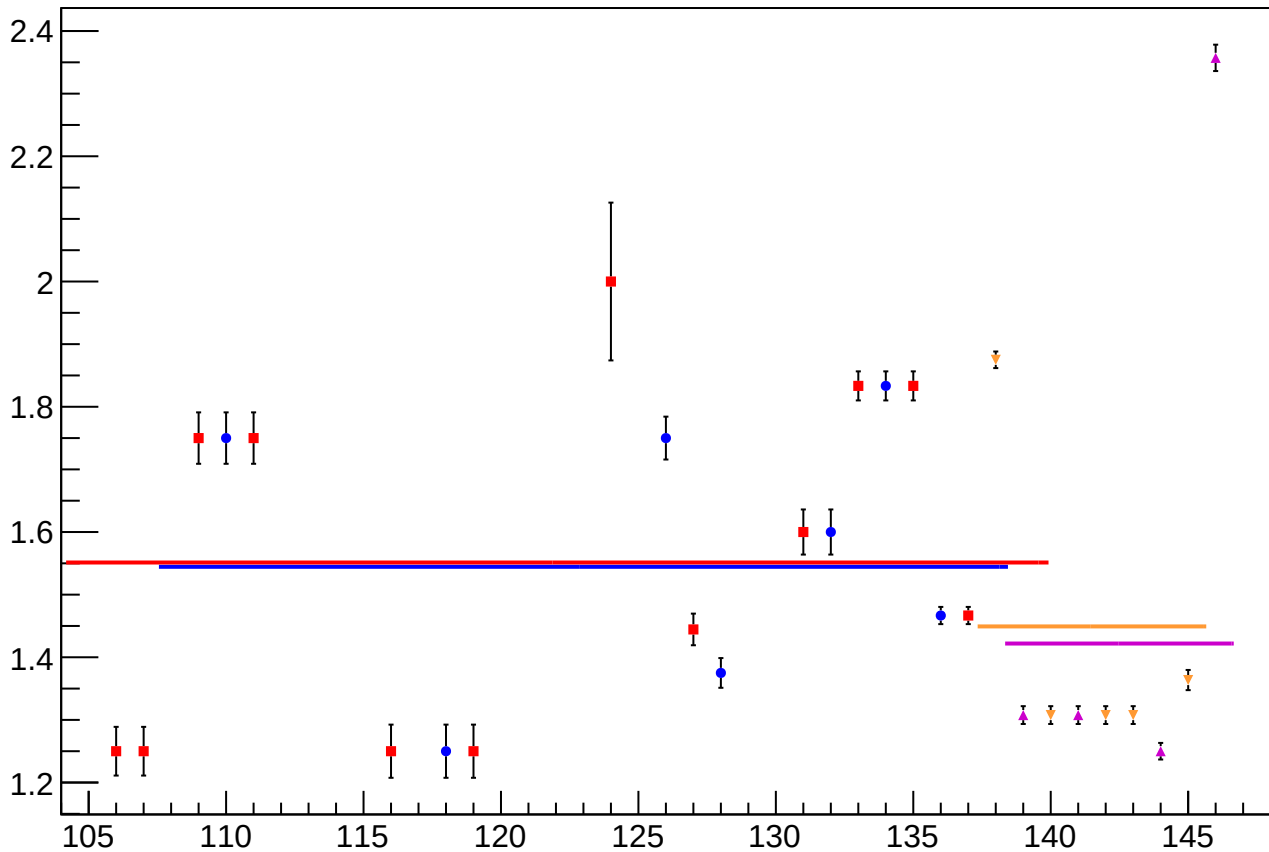
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.449 $\pm$ 0.006 χ^2/NDF :1359.5/4

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.422 $\pm$ 0.007 χ^2/NDF :2269.6/3

Left: 1.438 $\pm$ 0.005 χ^2/NDF : 3636.9/8

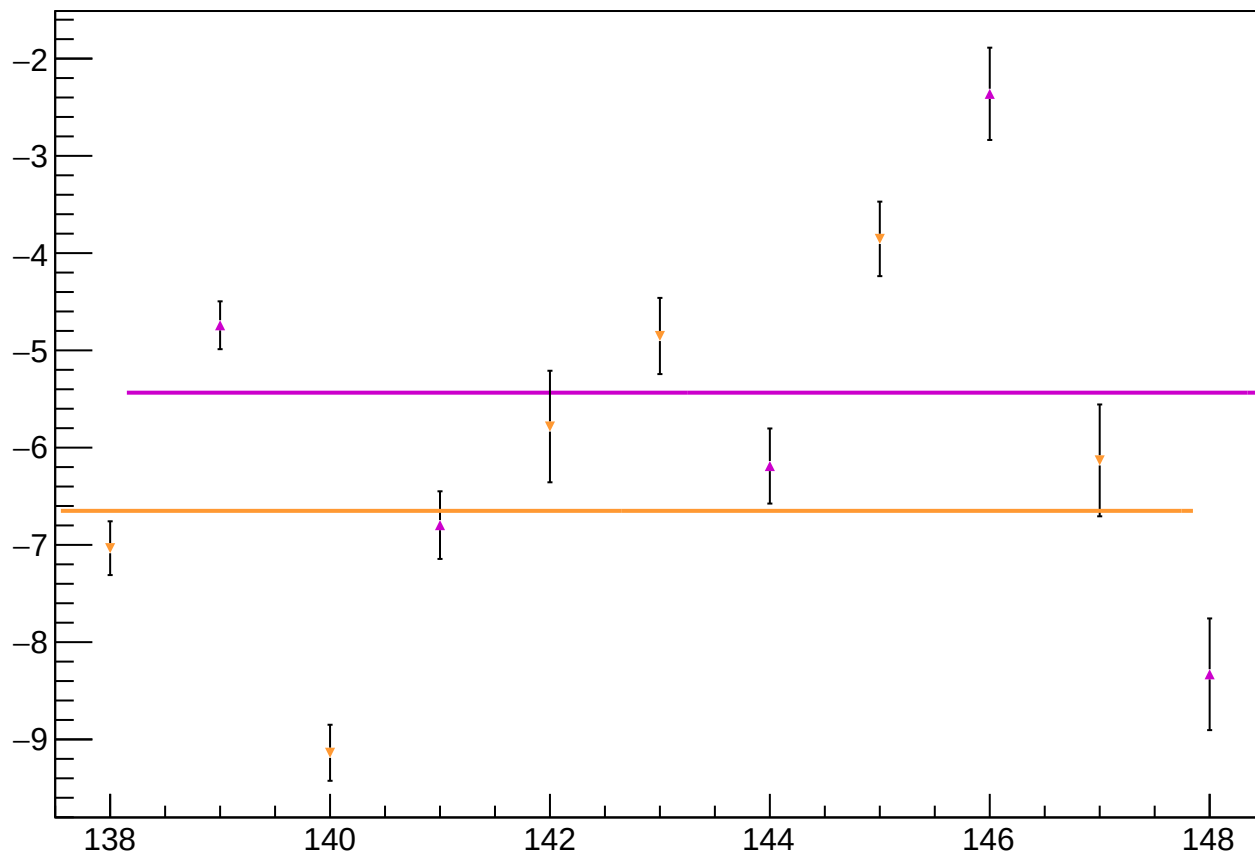
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.470 $\pm$ 0.006 χ^2/NDF :2725.4/10

Out: 1.488 $\pm$ 0.005 χ^2/NDF :2090.0/16

All: 1.481 $\pm$ 0.004 χ^2/NDF : 4820.7/27

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.650+/-0.150 χ^2/NDF :153.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.435+/-0.160 χ^2/NDF :94.5/4

Left: -6.083+/-0.109 χ^2/NDF : 279.1/10

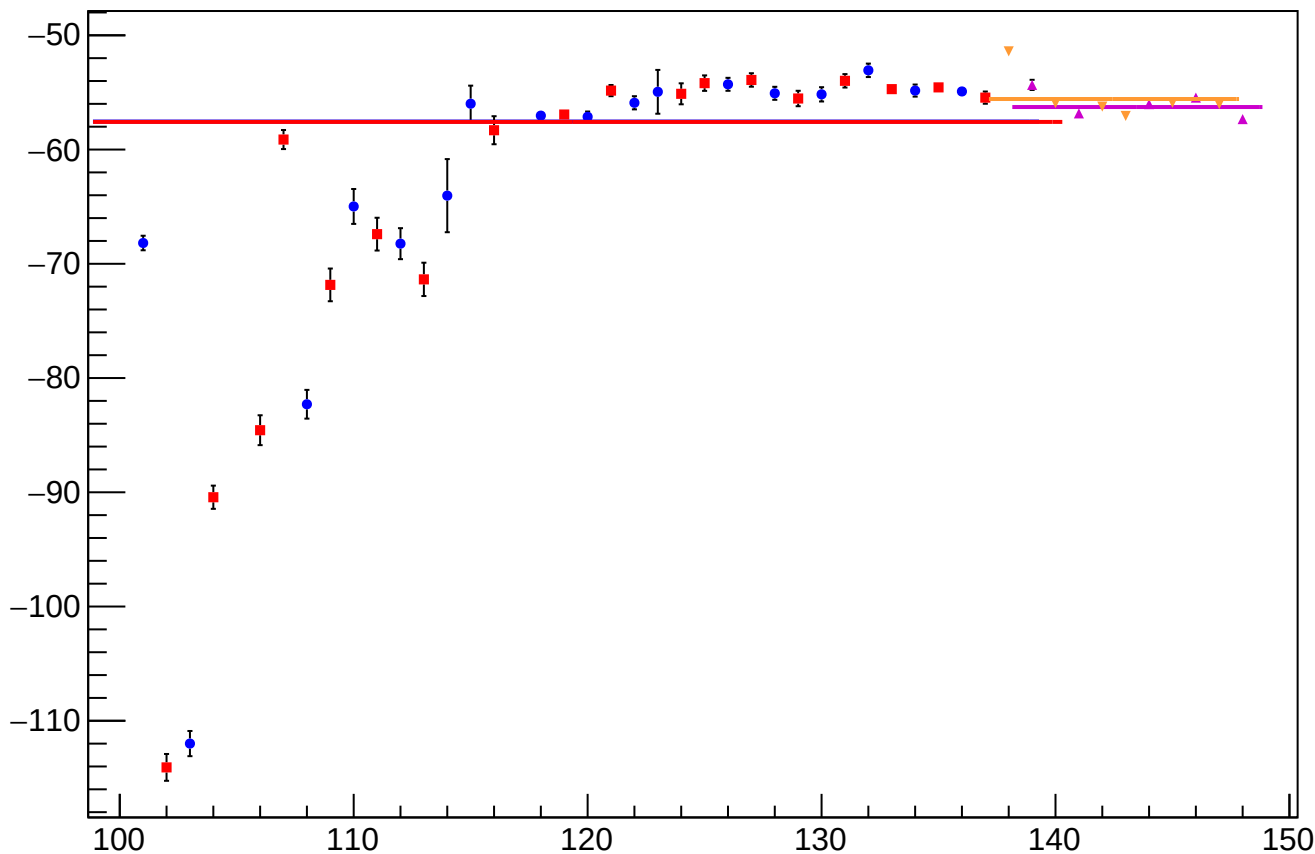
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.435+/-0.160 χ^2/NDF :94.5/4

Out: -6.650+/-0.150 χ^2/NDF :153.9/5

All: -6.083+/-0.109 χ^2/NDF : 279.1/10

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.576 $\pm$ 0.119 χ^2 /NDF:206.2/5

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -56.278 $\pm$ 0.133 χ^2 /NDF:45.5/4

Left: -55.888 $\pm$ 0.089 χ^2 /NDF: 267.3/10

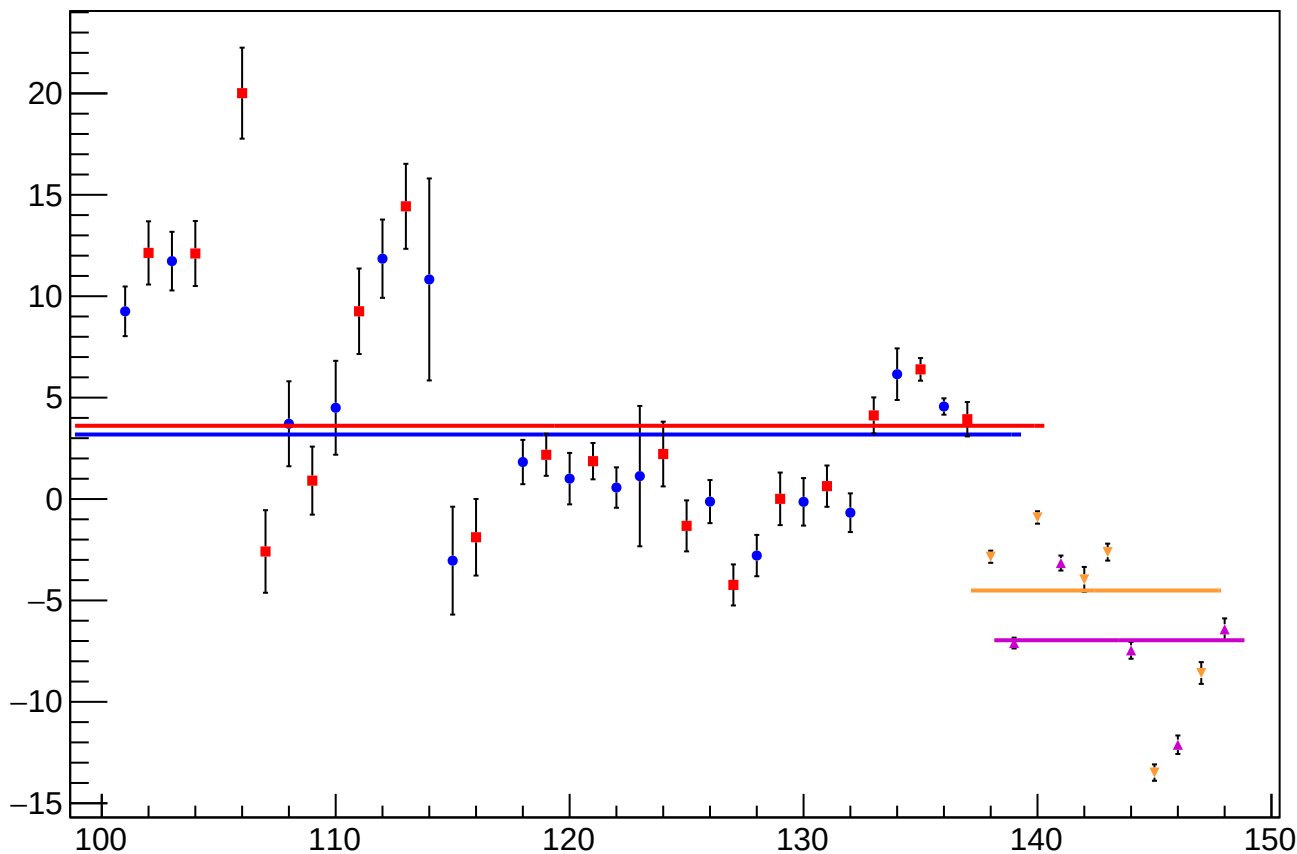
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.874 $\pm$ 0.097 χ^2 /NDF:3548.8/21

Out: -56.397 $\pm$ 0.091 χ^2 /NDF:4666.2/23

All: -56.622 $\pm$ 0.067 χ^2 /NDF: 8227.8/45

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -4.511 ± 0.159 χ^2/NDF : 740.0/5

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -6.963 ± 0.168 χ^2/NDF : 236.5/4

Left: -5.670 ± 0.115 χ^2/NDF : 1089.3/10

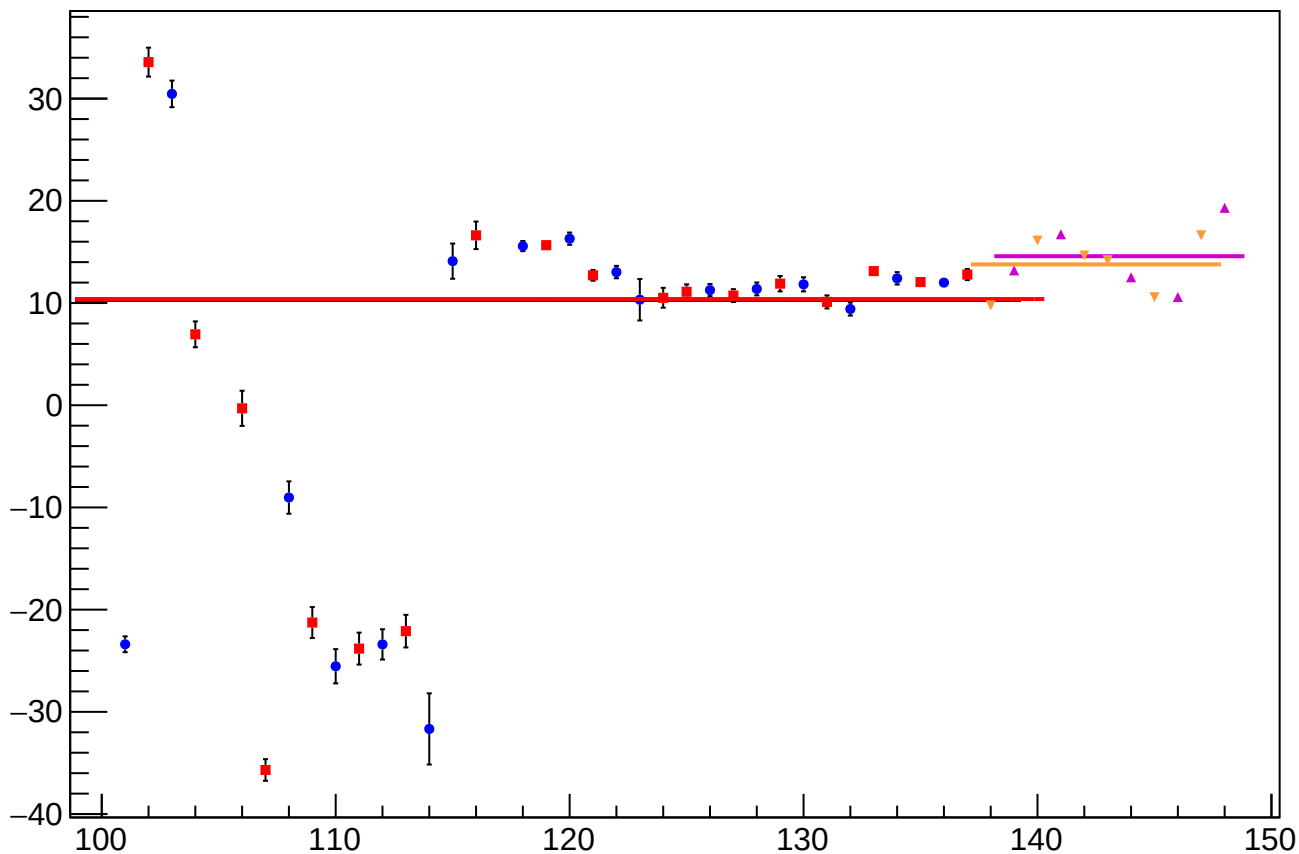
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -3.950 ± 0.141 χ^2/NDF : 1508.6/21

Out: -2.399 ± 0.137 χ^2/NDF : 1709.6/23

All: -3.152 ± 0.098 χ^2/NDF : 3280.8/45

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 13.779 ± 0.143 χ^2/NDF : 333.0/5

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 14.582 ± 0.160 χ^2/NDF : 356.3/4

Left: 14.136 ± 0.106 χ^2/NDF : 703.3/10

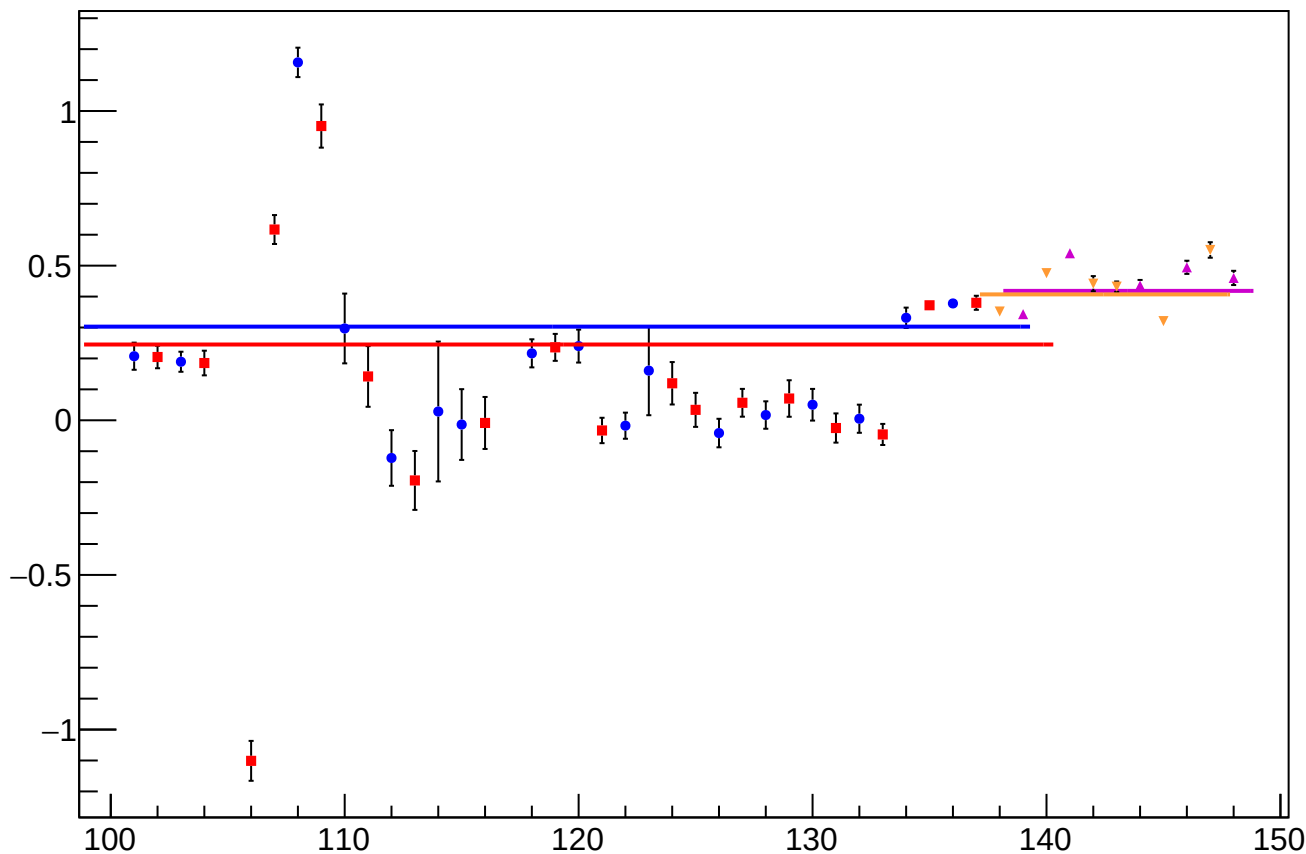
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 12.405 ± 0.112 χ^2/NDF : 4421.2/21

Out: 12.274 ± 0.107 χ^2/NDF : 4369.5/23

All: 12.336 ± 0.077 χ^2/NDF : 8791.4/45

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.407 ± 0.006 χ^2/NDF : 116.5/5

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.418 ± 0.007 χ^2/NDF : 148.1/4

Left: 0.413 ± 0.005 χ^2/NDF : 266.1/10

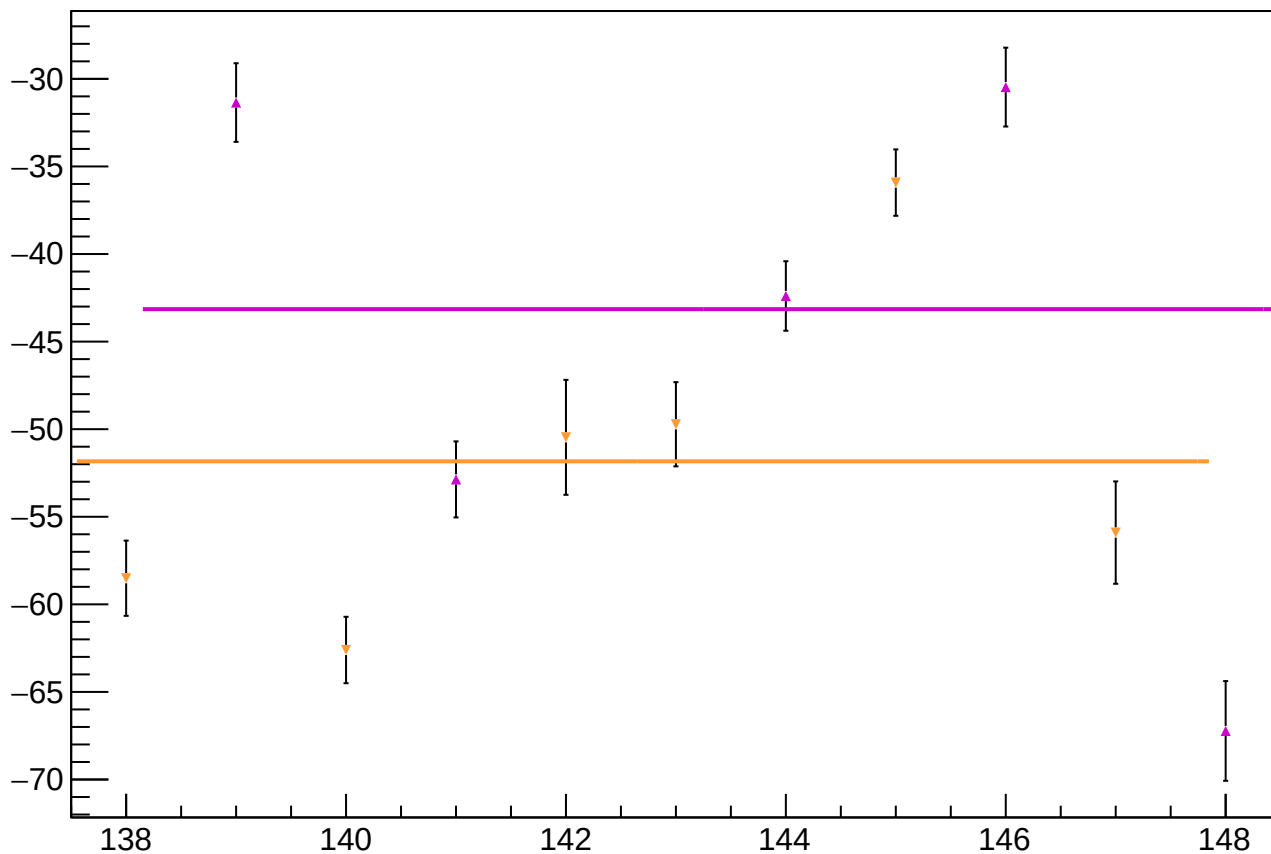
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.373 ± 0.005 χ^2/NDF : 916.0/21

Out: 0.348 ± 0.005 χ^2/NDF : 1300.9/23

All: 0.360 ± 0.004 χ^2/NDF : 2228.8/45

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.835+/-0.930 χ^2/NDF :115.3/5

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: -47.837+/-0.683 χ^2/NDF : 306.6/10

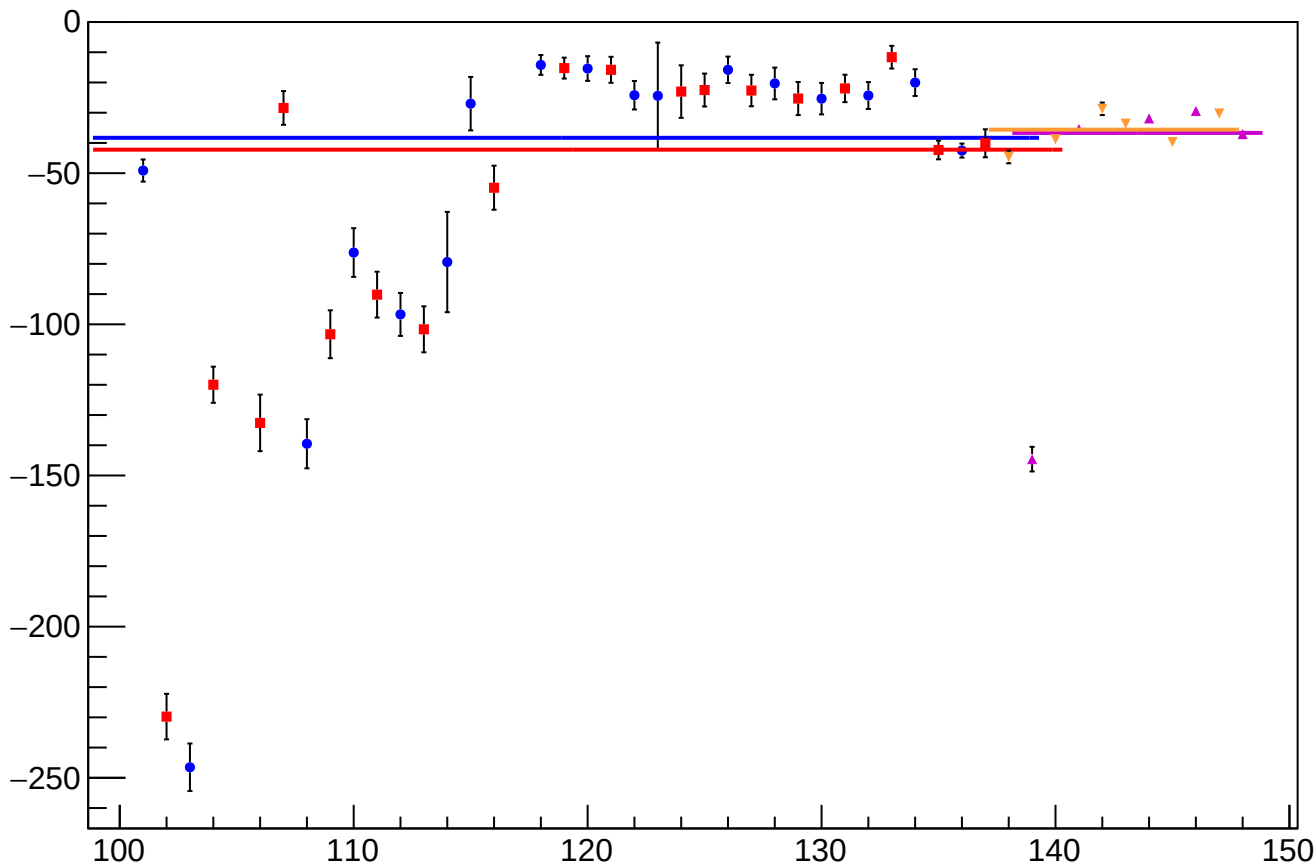
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.148+/-1.007 χ^2/NDF :151.1/4

Out: -51.835+/-0.930 χ^2/NDF :115.3/5

All: -47.837+/-0.683 χ^2/NDF : 306.6/10

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -35.604 ± 0.676 $\chi^2/\text{NDF}: 57.1/5$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -36.681 ± 0.705 $\chi^2/\text{NDF}: 742.2/4$

Left: -36.120 ± 0.488 $\chi^2/\text{NDF}: 800.5/10$

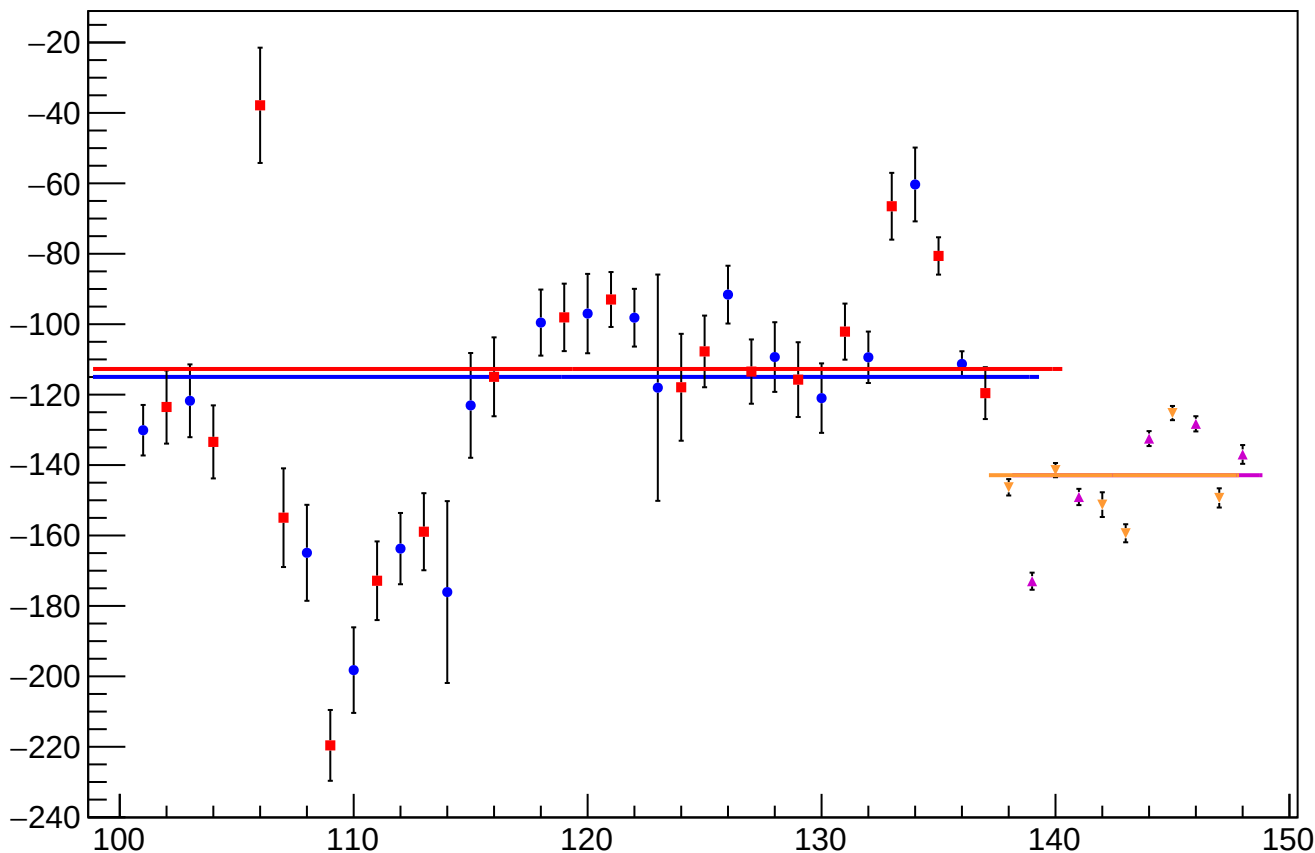
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -37.130 ± 0.599 $\chi^2/\text{NDF}: 1876.4/21$

Out: -37.181 ± 0.590 $\chi^2/\text{NDF}: 1358.1/23$

All: -37.156 ± 0.420 $\chi^2/\text{NDF}: 3234.6/45$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2/NDF : 141.4/16

Left Out: -142.876 $\pm$ 0.979 χ^2/NDF :131.8/5

Right Out: -112.713 $\pm$ 2.210 χ^2/NDF : 267.1/17

Left In: -142.885 $\pm$ 1.035 χ^2/NDF :235.4/4

Left: -142.880 $\pm$ 0.711 χ^2/NDF : 367.2/10

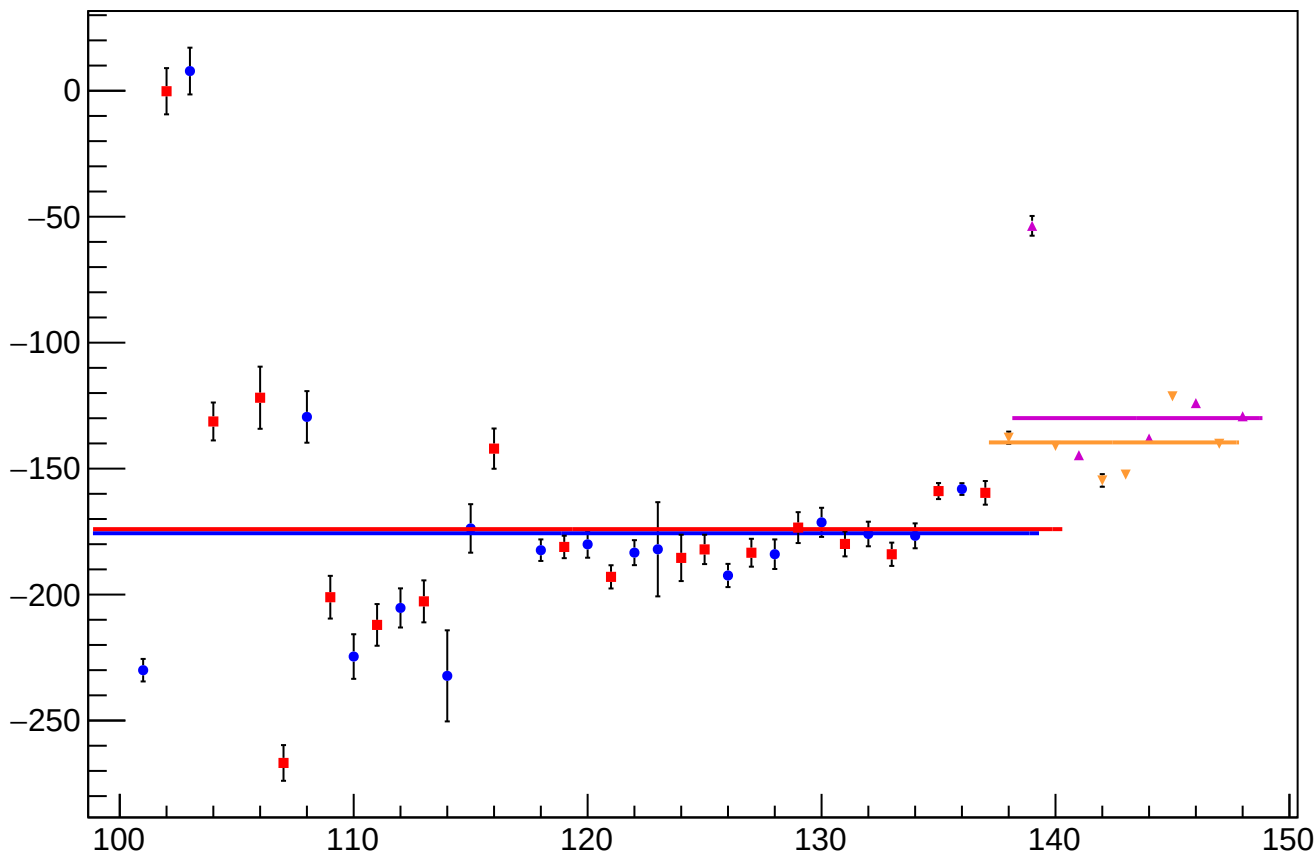
Right: -113.912 $\pm$ 1.513 χ^2/NDF : 409.1/34

In: -137.323 $\pm$ 0.926 χ^2/NDF :521.8/21

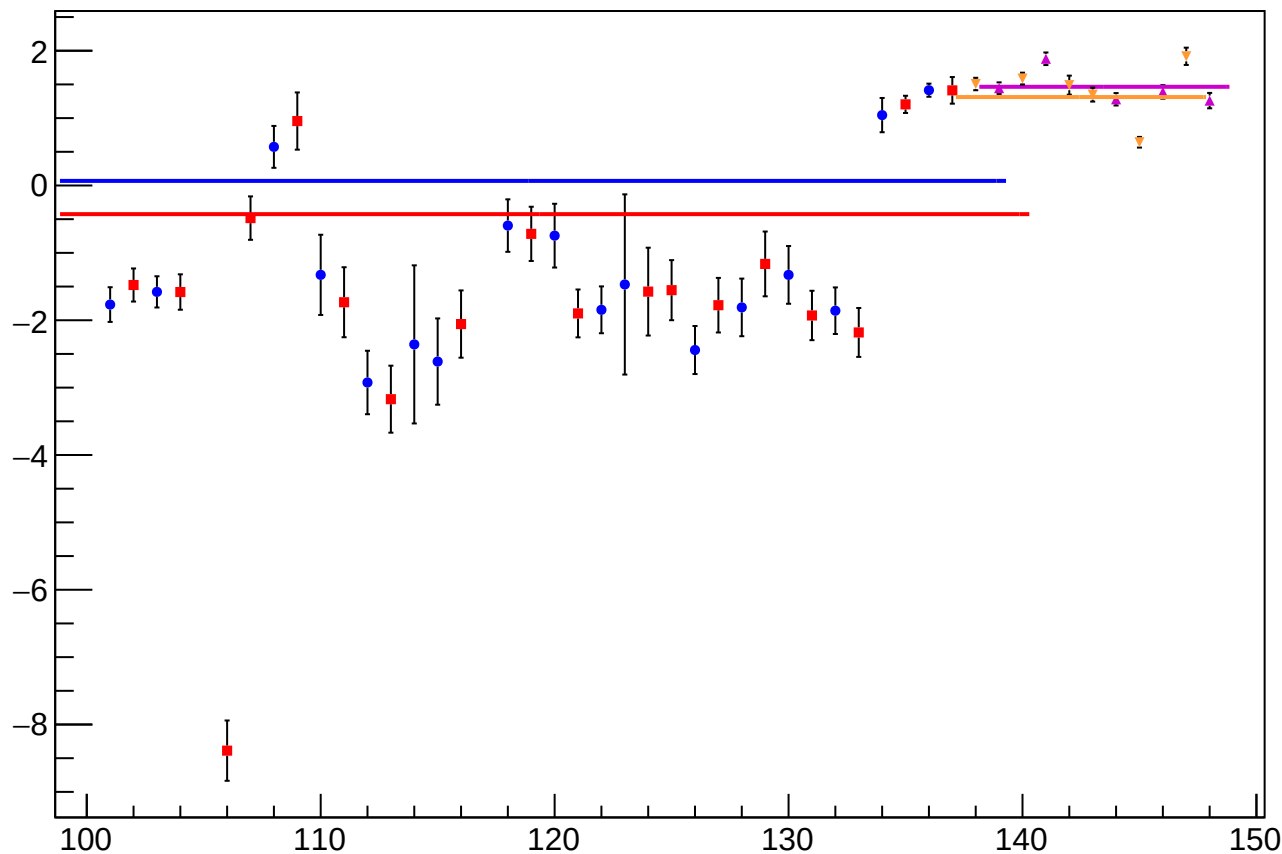
Out: -137.927 $\pm$ 0.895 χ^2/NDF :554.6/23

All: -137.635 $\pm$ 0.644 χ^2/NDF : 1076.6/45

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.313 $\pm$ 0.040 χ^2 /NDF:110.0/5

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.465 $\pm$ 0.043 χ^2 /NDF:27.8/4

Left: 1.384 $\pm$ 0.029 χ^2 /NDF: 144.4/10

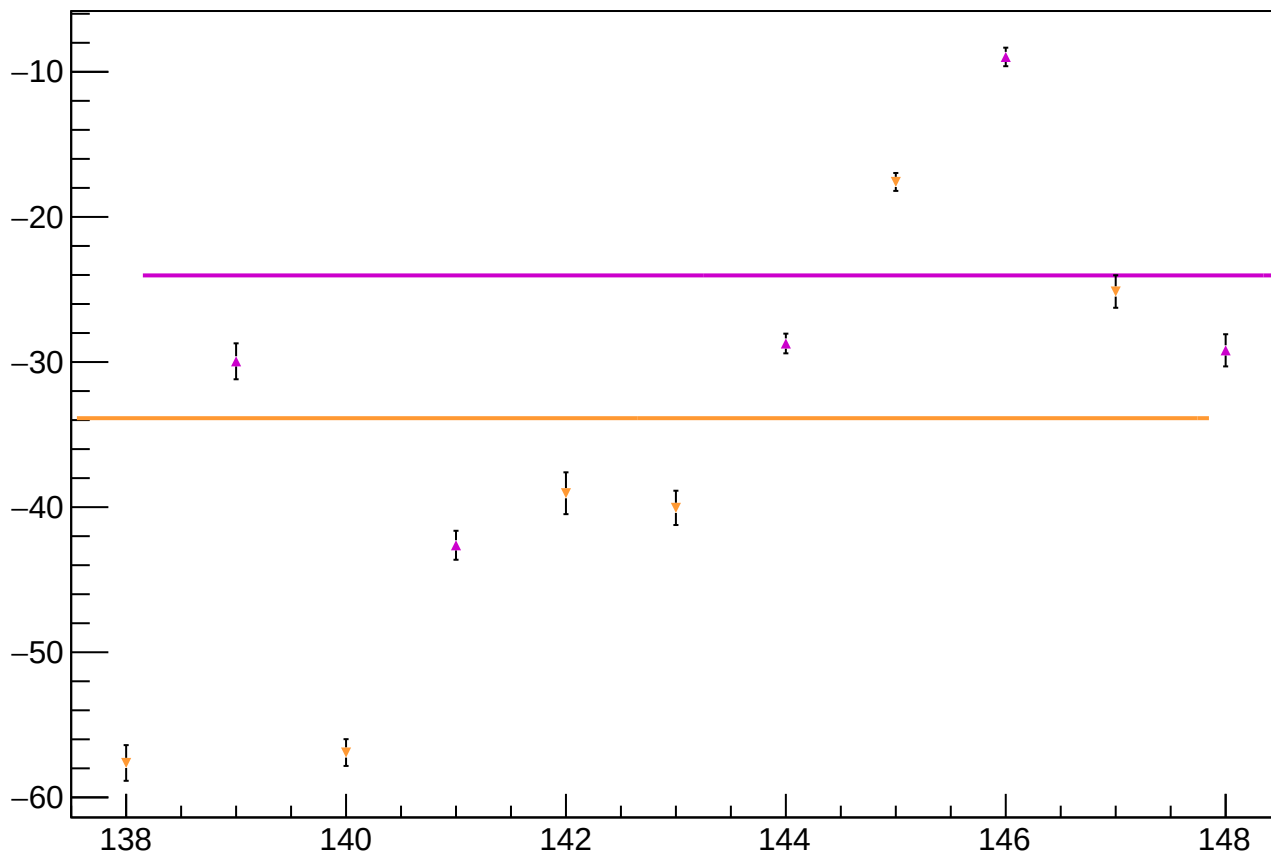
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.059 $\pm$ 0.036 χ^2 /NDF:861.8/21

Out: 0.889 $\pm$ 0.035 χ^2 /NDF:1302.8/23

All: 0.972 $\pm$ 0.025 χ^2 /NDF: 2176.0/45

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

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: -28.717+/-0.272 χ^2/NDF : 3116.6/10

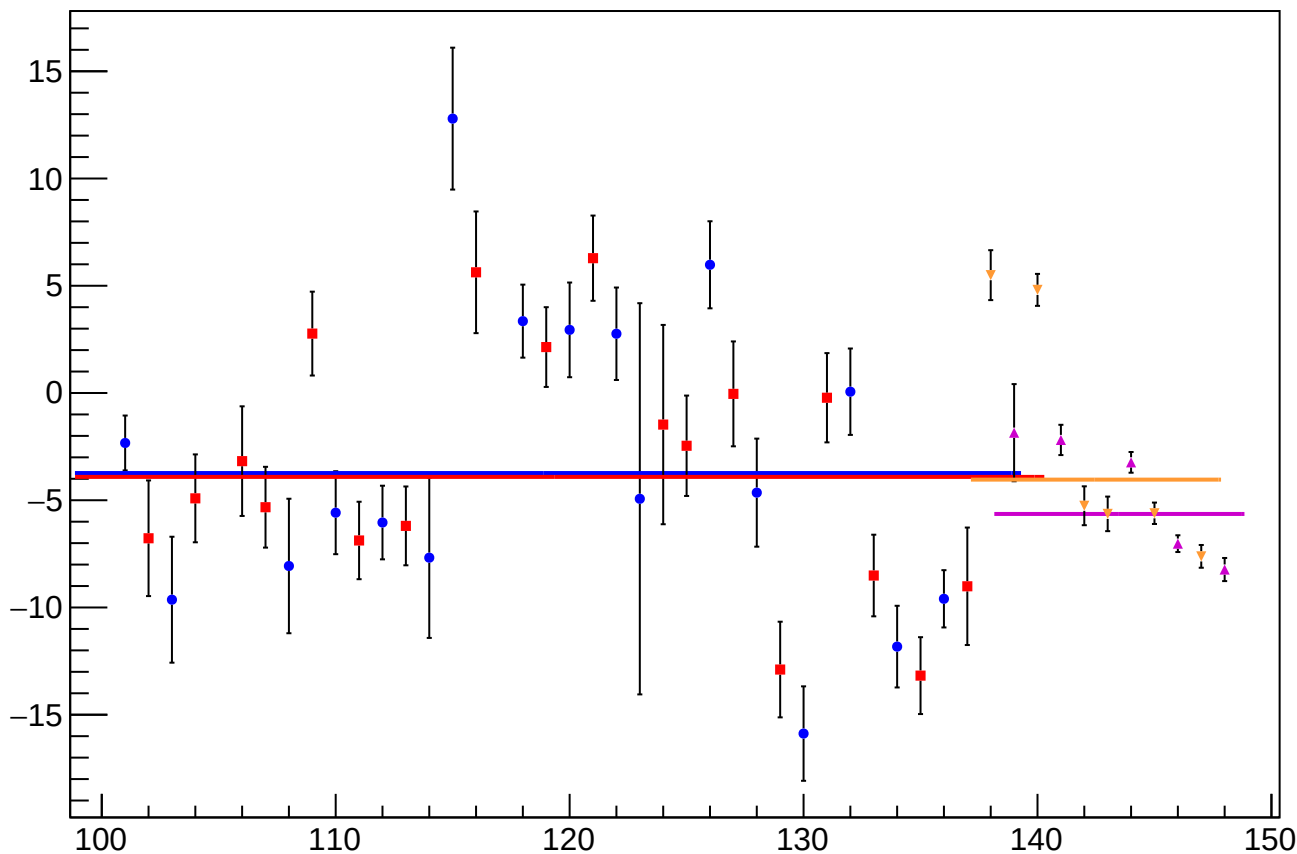
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.030+/-0.375 χ^2/NDF :995.3/4

Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

All: -28.717+/-0.272 χ^2/NDF : 3116.6/10

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.039 ± 0.279 $\chi^2/\text{NDF}: 269.1/5$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.639 ± 0.246 $\chi^2/\text{NDF}: 87.2/4$

Left: -4.938 ± 0.185 $\chi^2/\text{NDF}: 374.8/10$

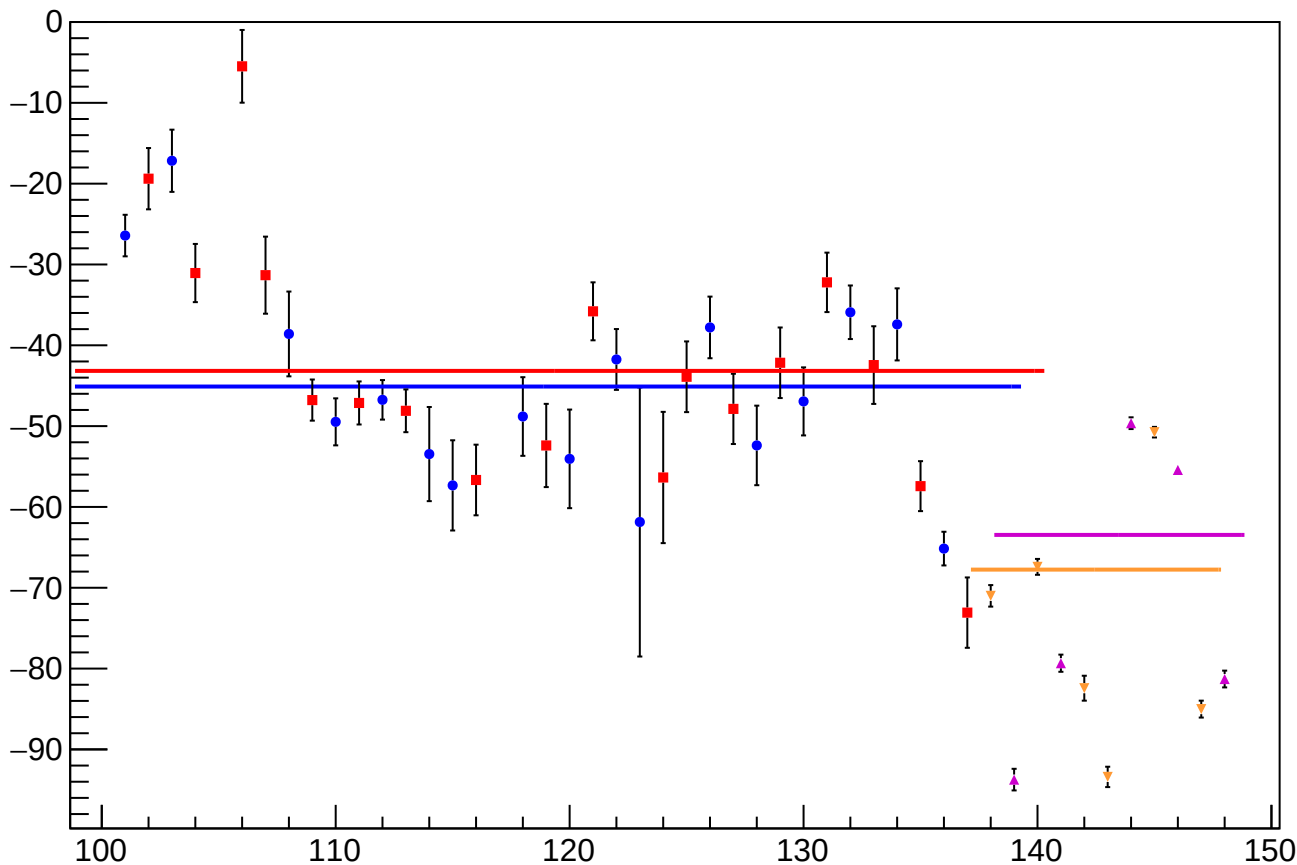
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.262 ± 0.221 $\chi^2/\text{NDF}: 265.0/21$

Out: -4.009 ± 0.244 $\chi^2/\text{NDF}: 393.9/23$

All: -4.700 ± 0.164 $\chi^2/\text{NDF}: 673.3/45$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -67.755 ± 0.412 χ^2/NDF : 1456.4/5

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -63.461 ± 0.380 χ^2/NDF : 1564.0/4

Left: -65.435 ± 0.279 χ^2/NDF : 3079.0/10

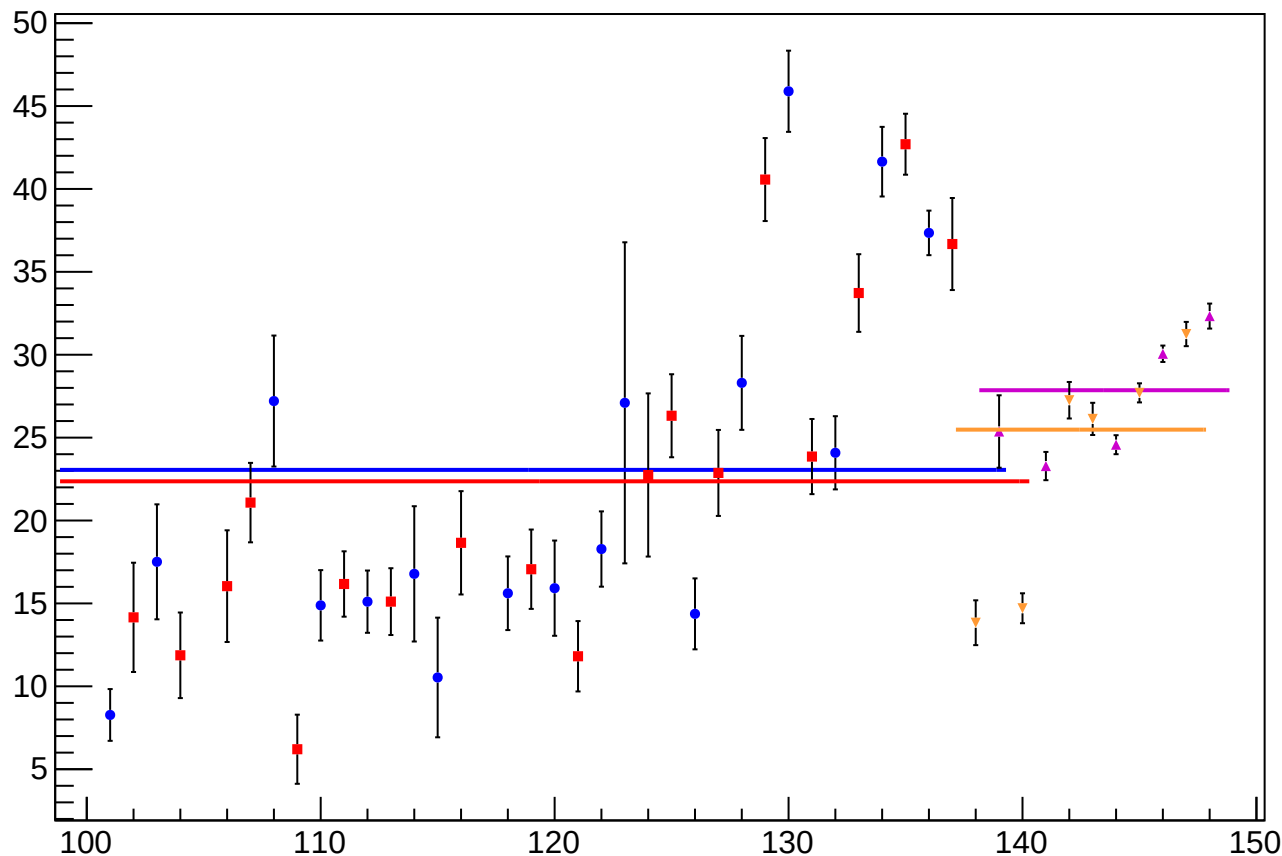
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -60.589 ± 0.349 χ^2/NDF : 2159.6/21

Out: -63.328 ± 0.373 χ^2/NDF : 2330.6/23

All: -61.868 ± 0.255 χ^2/NDF : 4518.9/45

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 25.482 $\pm$ 0.342 χ^2 /NDF:296.6/5

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 27.859 $\pm$ 0.309 χ^2 /NDF:117.9/4

Left: 26.792 $\pm$ 0.229 χ^2 /NDF: 441.1/10

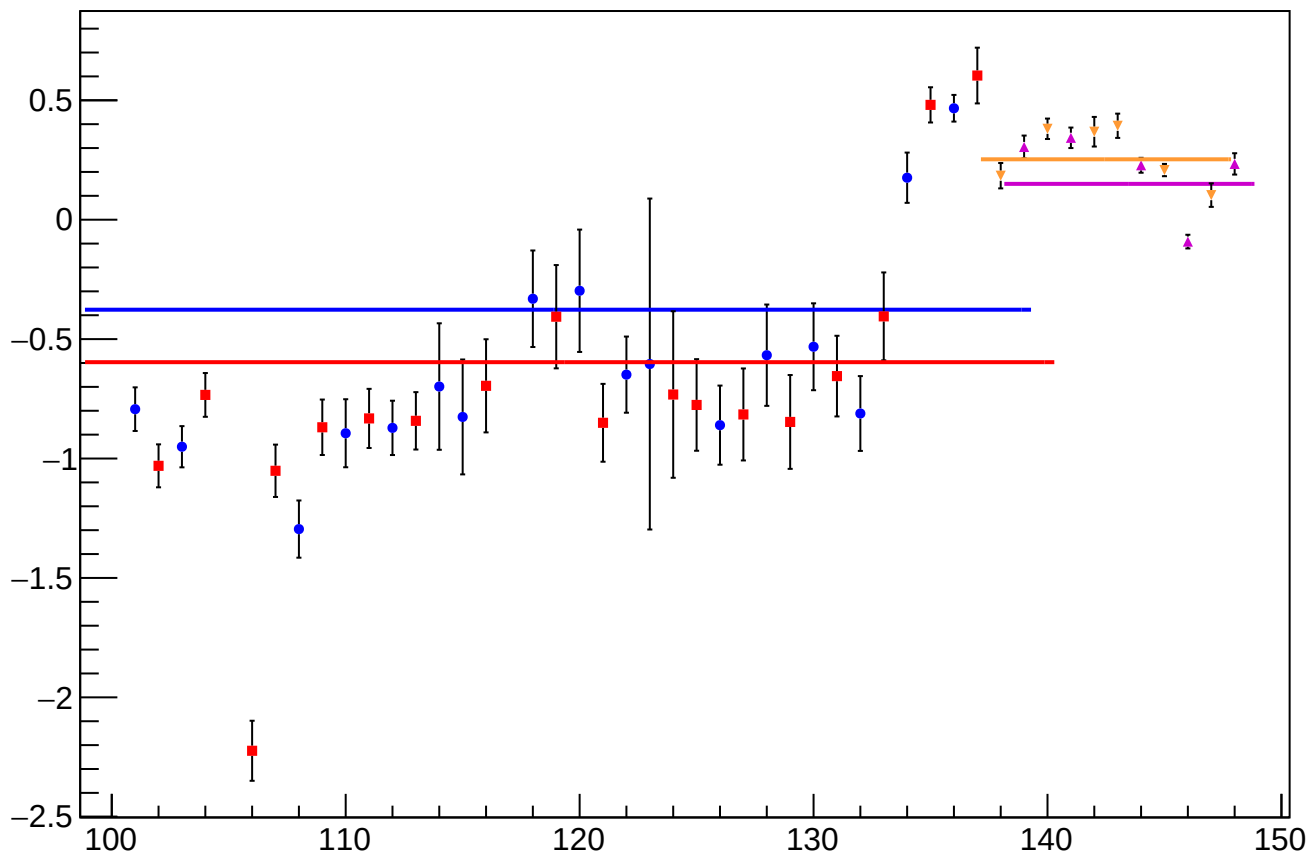
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 26.729 $\pm$ 0.270 χ^2 /NDF:635.9/21

Out: 24.662 $\pm$ 0.294 χ^2 /NDF:687.2/23

All: 25.782 $\pm$ 0.199 χ^2 /NDF: 1349.9/45

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.253 ± 0.017 $\chi^2/\text{NDF}: 34.0/5$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.150 ± 0.016 $\chi^2/\text{NDF}: 111.5/4$

Left: 0.200 ± 0.012 $\chi^2/\text{NDF}: 164.5/10$

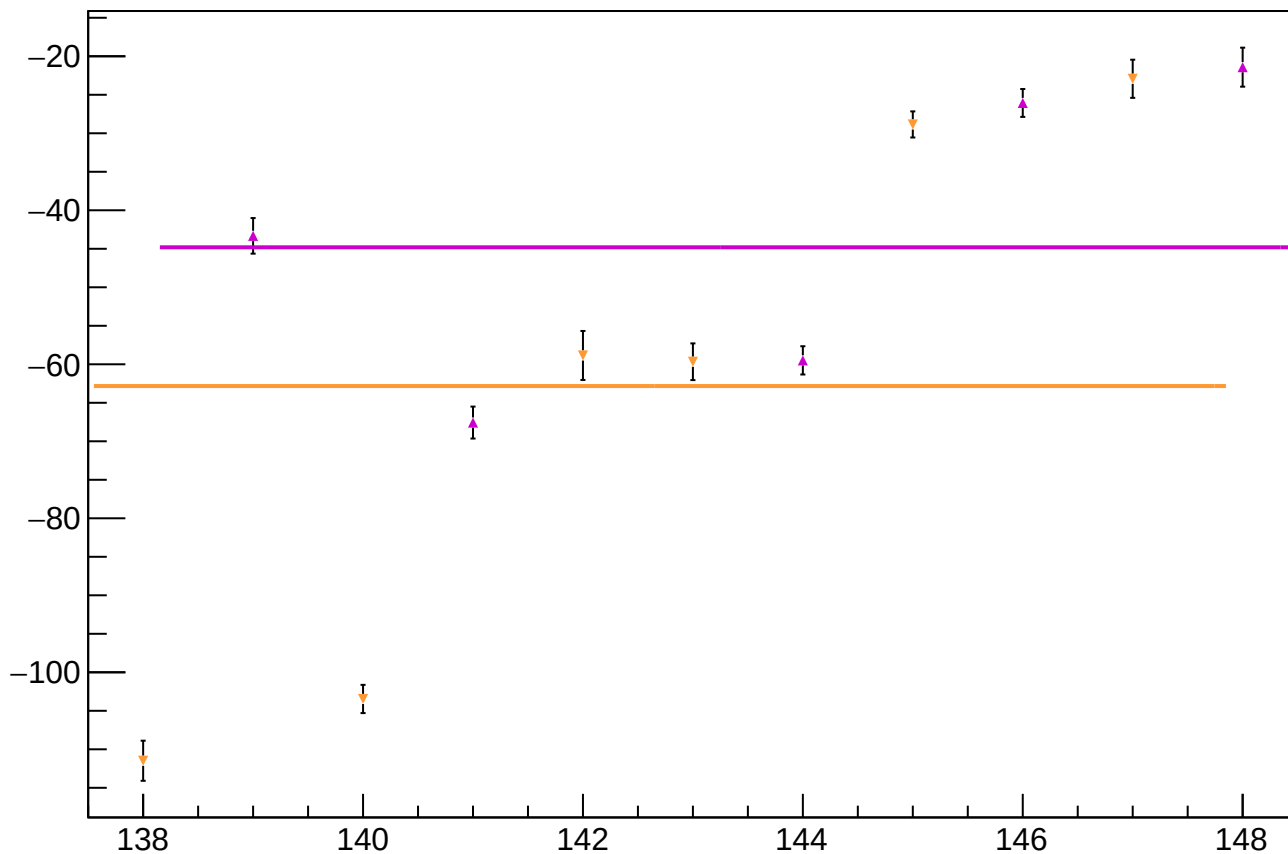
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.030 ± 0.014 $\chi^2/\text{NDF}: 785.3/21$

Out: 0.049 ± 0.015 $\chi^2/\text{NDF}: 1185.1/23$

All: 0.039 ± 0.010 $\chi^2/\text{NDF}: 1971.3/45$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

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: -54.018+/-0.644 χ^2/NDF : 2078.0/10

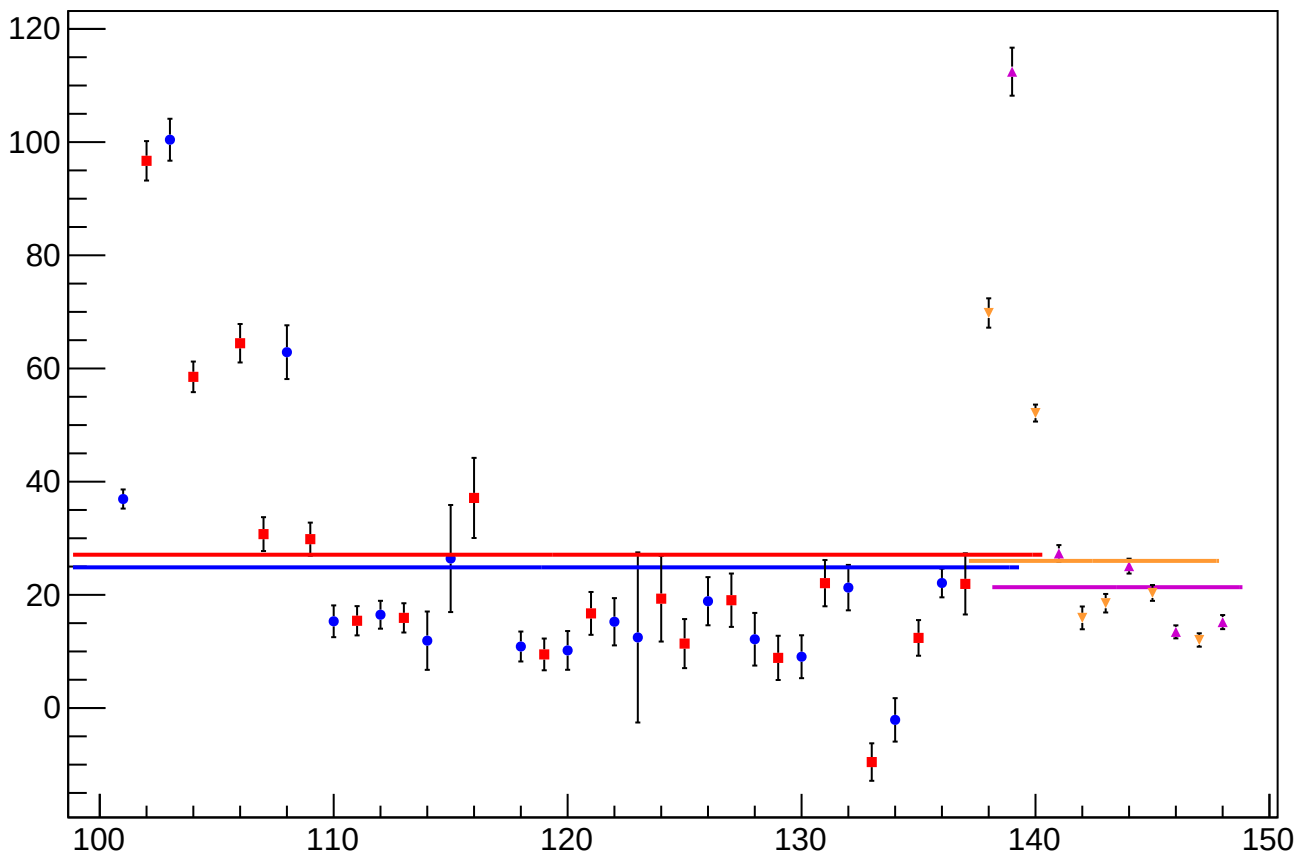
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.808+/-0.922 χ^2/NDF :377.4/4

Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

All: -54.018+/-0.644 χ^2/NDF : 2078.0/10

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 26.001 $\pm$ 0.640 χ^2 /NDF: 790.5/5

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 21.356 $\pm$ 0.633 χ^2 /NDF: 557.0/4

Left: 23.653 $\pm$ 0.450 χ^2 /NDF: 1374.1/10

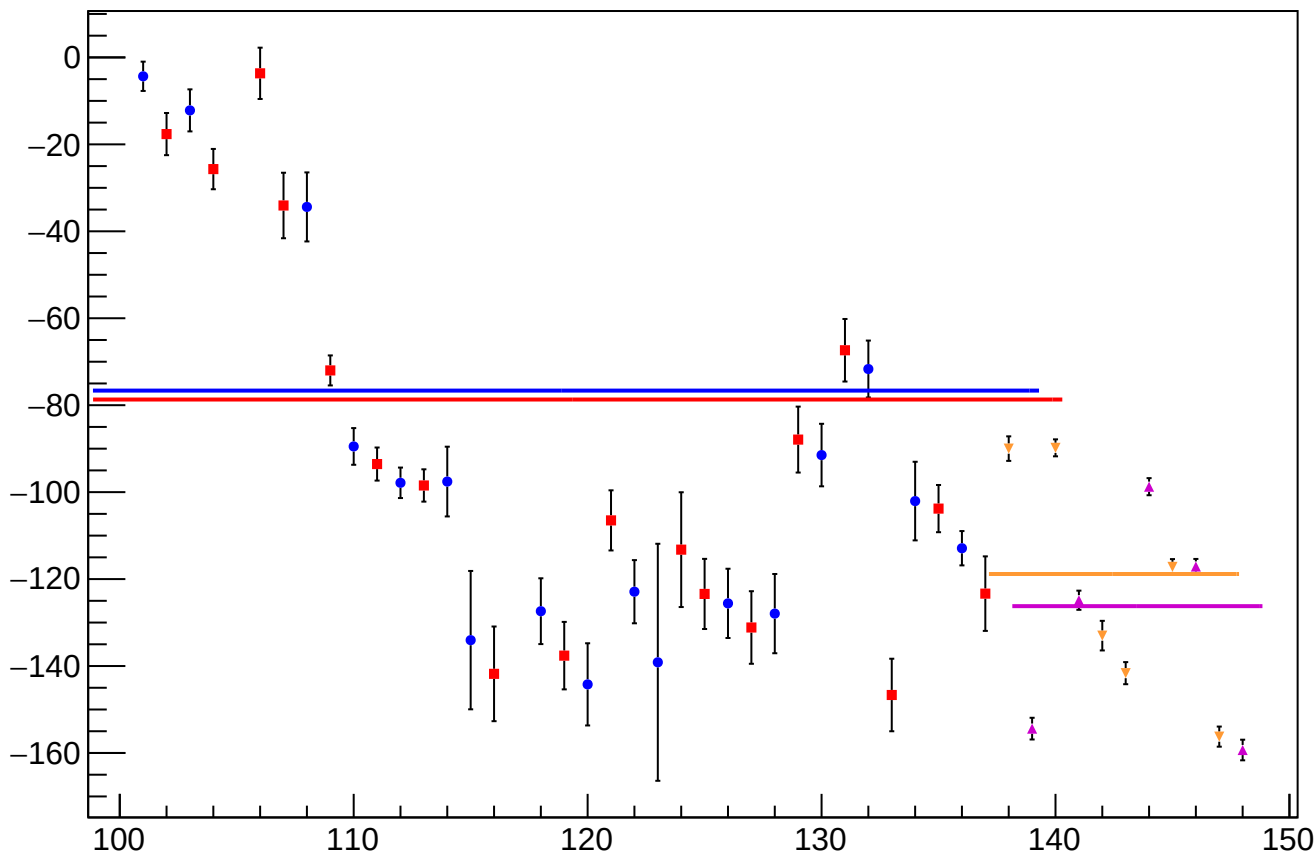
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 22.703 $\pm$ 0.497 χ^2 /NDF: 1259.8/21

Out: 26.420 $\pm$ 0.503 χ^2 /NDF: 1722.5/23

All: 24.540 $\pm$ 0.353 χ^2 /NDF: 3010.0/45

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -118.830 ± 0.942 $\chi^2/\text{NDF}: 685.5/5$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -126.226 ± 0.940 $\chi^2/\text{NDF}: 545.0/4$

Left: -122.537 ± 0.665 $\chi^2/\text{NDF}: 1261.4/10$

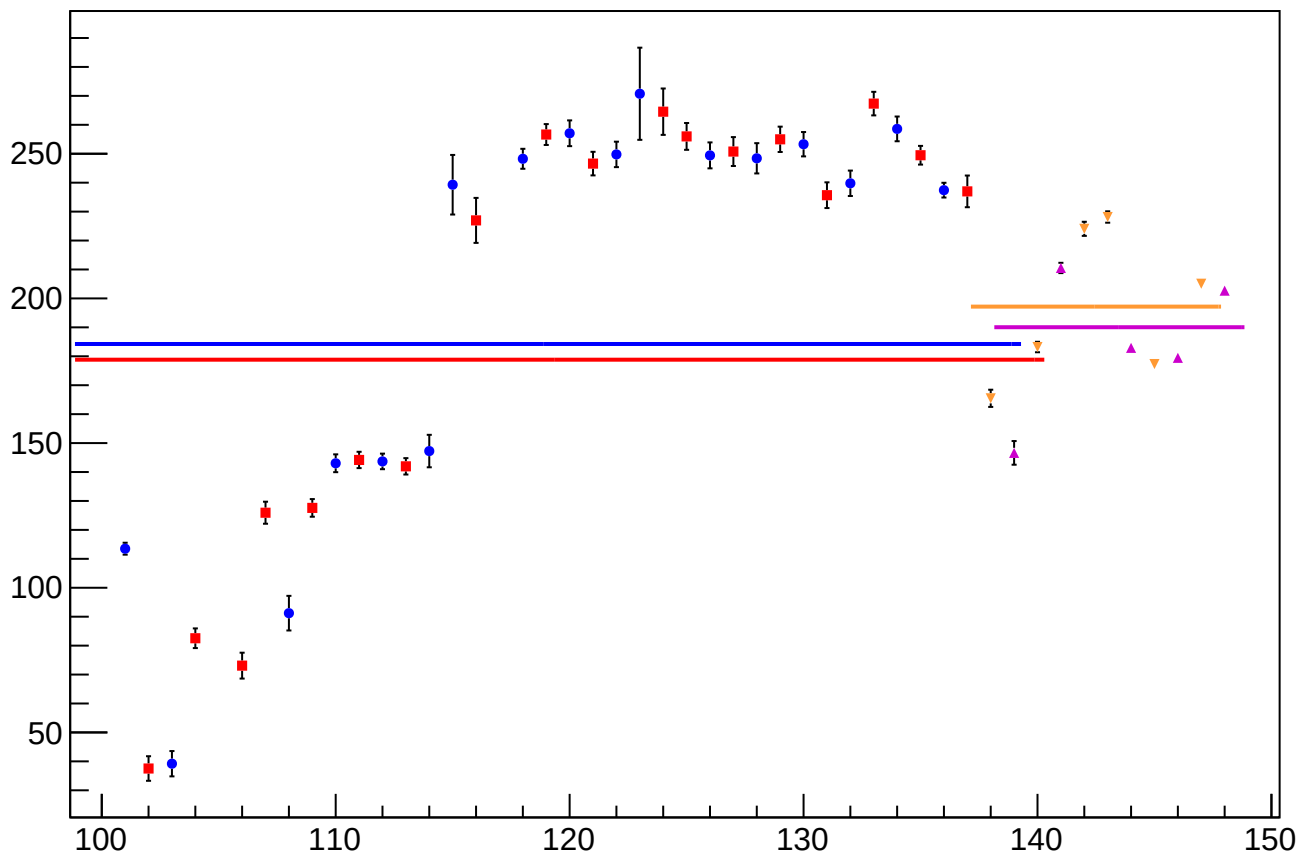
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -111.049 ± 0.783 $\chi^2/\text{NDF}: 2438.1/21$

Out: -105.819 ± 0.774 $\chi^2/\text{NDF}: 2110.7/23$

All: -108.406 ± 0.550 $\chi^2/\text{NDF}: 4571.3/45$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 197.167 $\pm$ 0.787 χ^2 /NDF: 719.9/5

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 190.044 $\pm$ 0.787 χ^2 /NDF: 374.5/4

Left: 193.605 $\pm$ 0.557 χ^2 /NDF: 1135.4/10

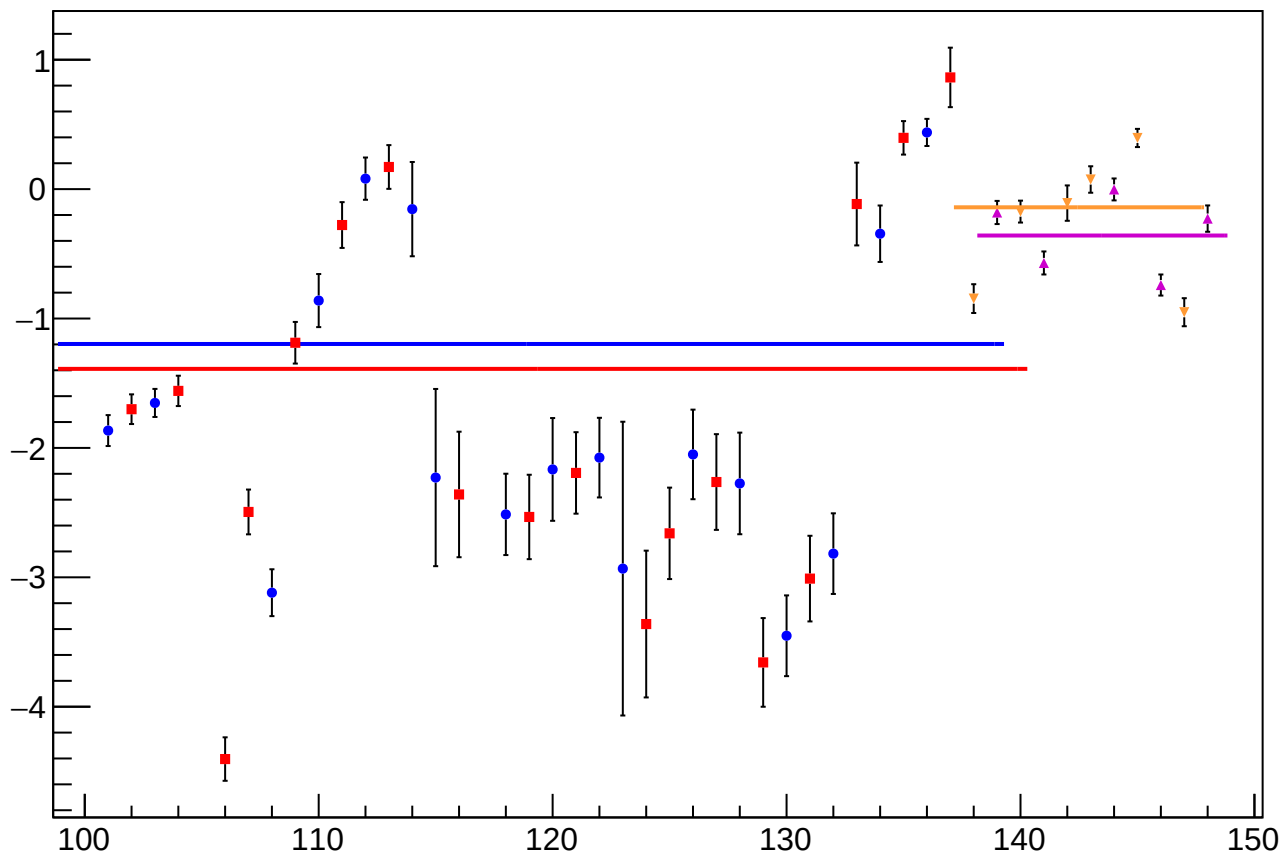
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 187.578 $\pm$ 0.597 χ^2 /NDF: 5786.2/21

Out: 189.466 $\pm$ 0.600 χ^2 /NDF: 7118.7/23

All: 188.518 $\pm$ 0.423 χ^2 /NDF: 12909.9/45

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.141 ± 0.039 χ^2/NDF : 158.8/5

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.359 ± 0.040 χ^2/NDF : 51.0/4

Left: -0.248 ± 0.028 χ^2/NDF : 225.2/10

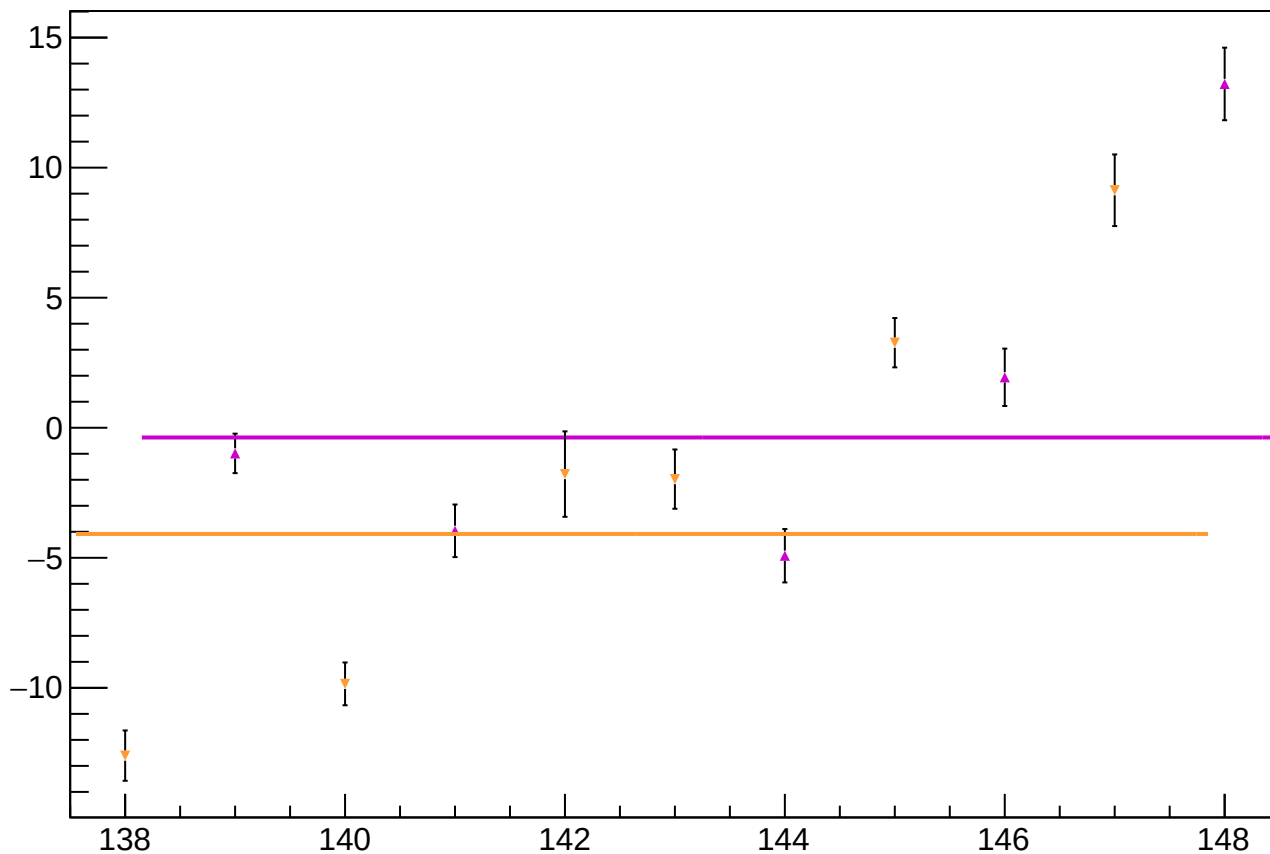
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.697 ± 0.031 χ^2/NDF : 853.4/21

Out: -0.662 ± 0.030 χ^2/NDF : 1508.8/23

All: -0.679 ± 0.021 χ^2/NDF : 2362.8/45

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

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: -2.286+/-0.311 χ^2/NDF : 451.9/10

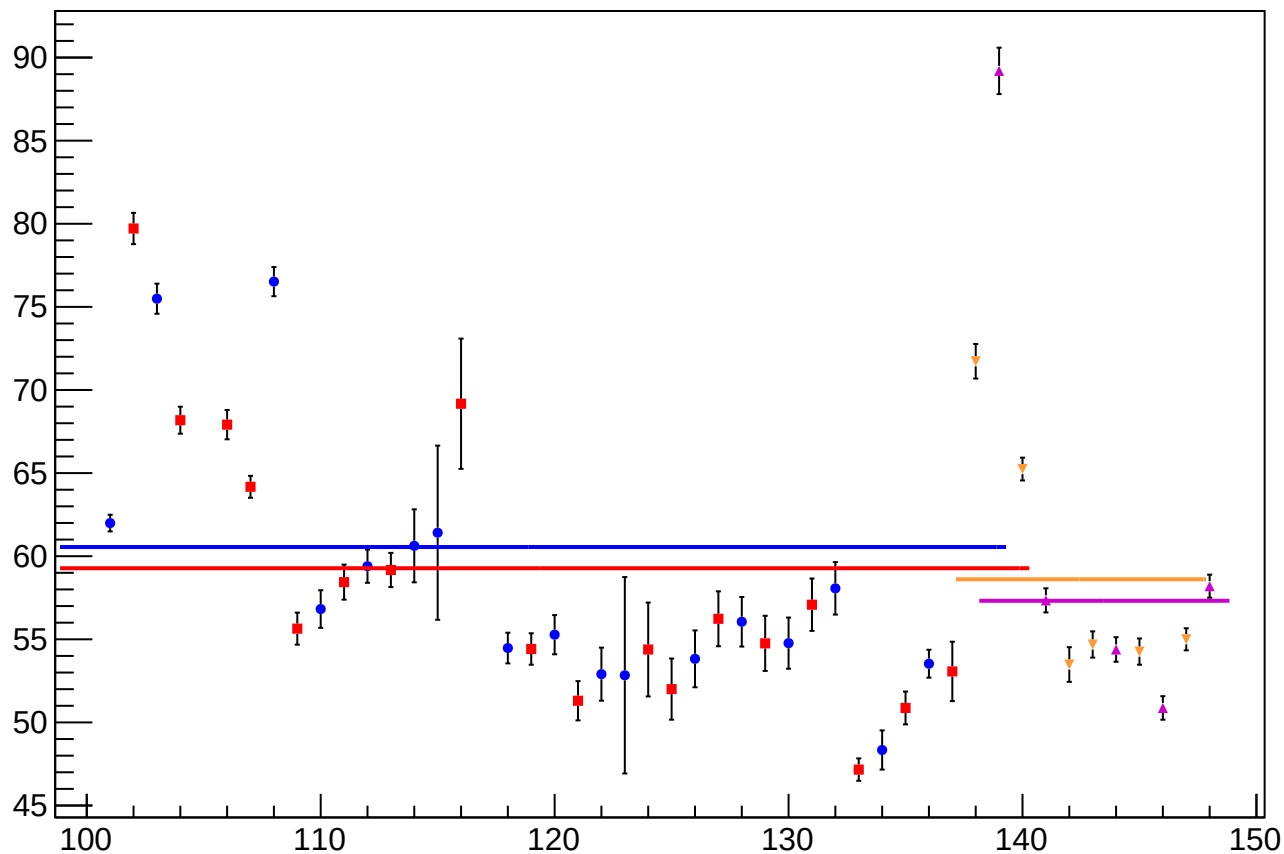
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.374+/-0.447 χ^2/NDF : 132.3/4

Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

All: -2.286+/-0.311 χ^2/NDF : 451.9/10

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2/NDF : 931.0/16

Left Out: 58.612 $\pm$ 0.325 χ^2/NDF : 360.8/5

Right Out: 59.276 $\pm$ 0.249 χ^2/NDF : 1274.8/17

Left In: 57.318 $\pm$ 0.347 χ^2/NDF : 621.8/4

Left: 58.006 $\pm$ 0.237 χ^2/NDF : 990.0/10

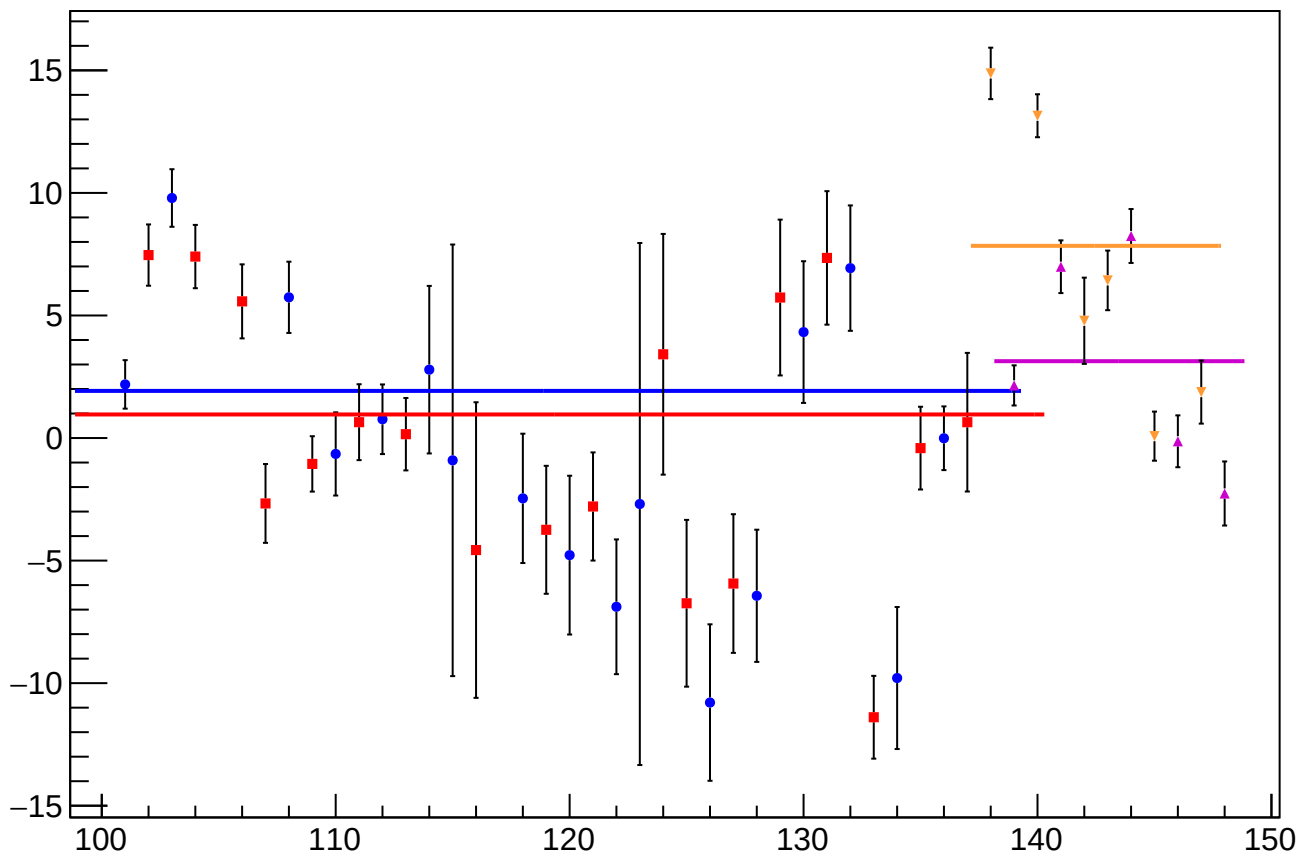
Right: 59.882 $\pm$ 0.180 χ^2/NDF : 2218.3/34

In: 59.378 $\pm$ 0.209 χ^2/NDF : 1608.2/21

Out: 59.031 $\pm$ 0.198 χ^2/NDF : 1638.2/23

All: 59.195 $\pm$ 0.144 χ^2/NDF : 3247.9/45

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 7.841 ± 0.456 $\chi^2/\text{NDF}: 167.5/5$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 3.136 ± 0.463 $\chi^2/\text{NDF}: 62.5/4$

Left: 5.525 ± 0.325 $\chi^2/\text{NDF}: 282.4/10$

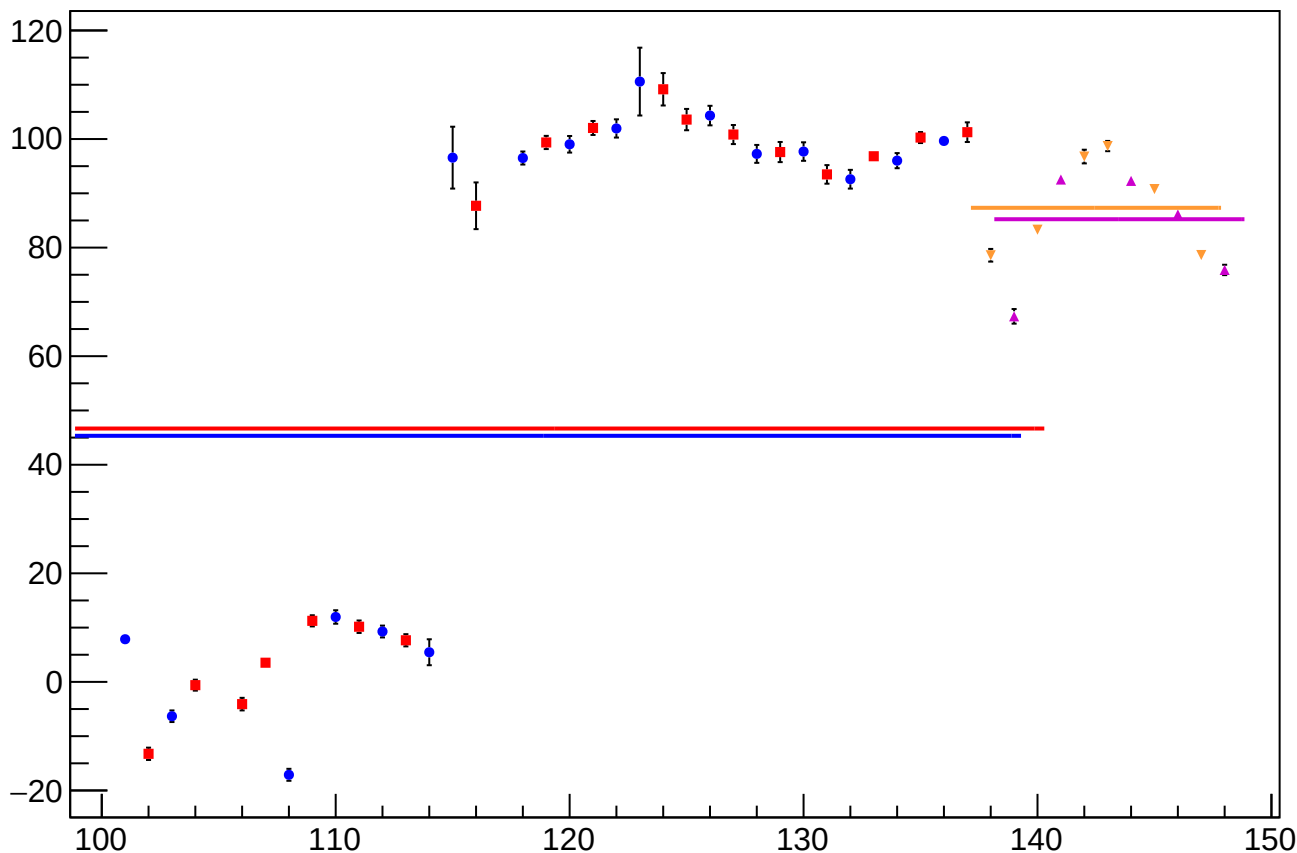
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 2.523 ± 0.326 $\chi^2/\text{NDF}: 187.0/21$

Out: 4.197 ± 0.313 $\chi^2/\text{NDF}: 438.2/23$

All: 3.394 ± 0.226 $\chi^2/\text{NDF}: 638.9/45$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.332 $\pm$ 0.395 χ^2 /NDF:387.6/5

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 85.228 $\pm$ 0.423 χ^2 /NDF:409.1/4

Left: 86.350 $\pm$ 0.289 χ^2 /NDF: 810.0/10

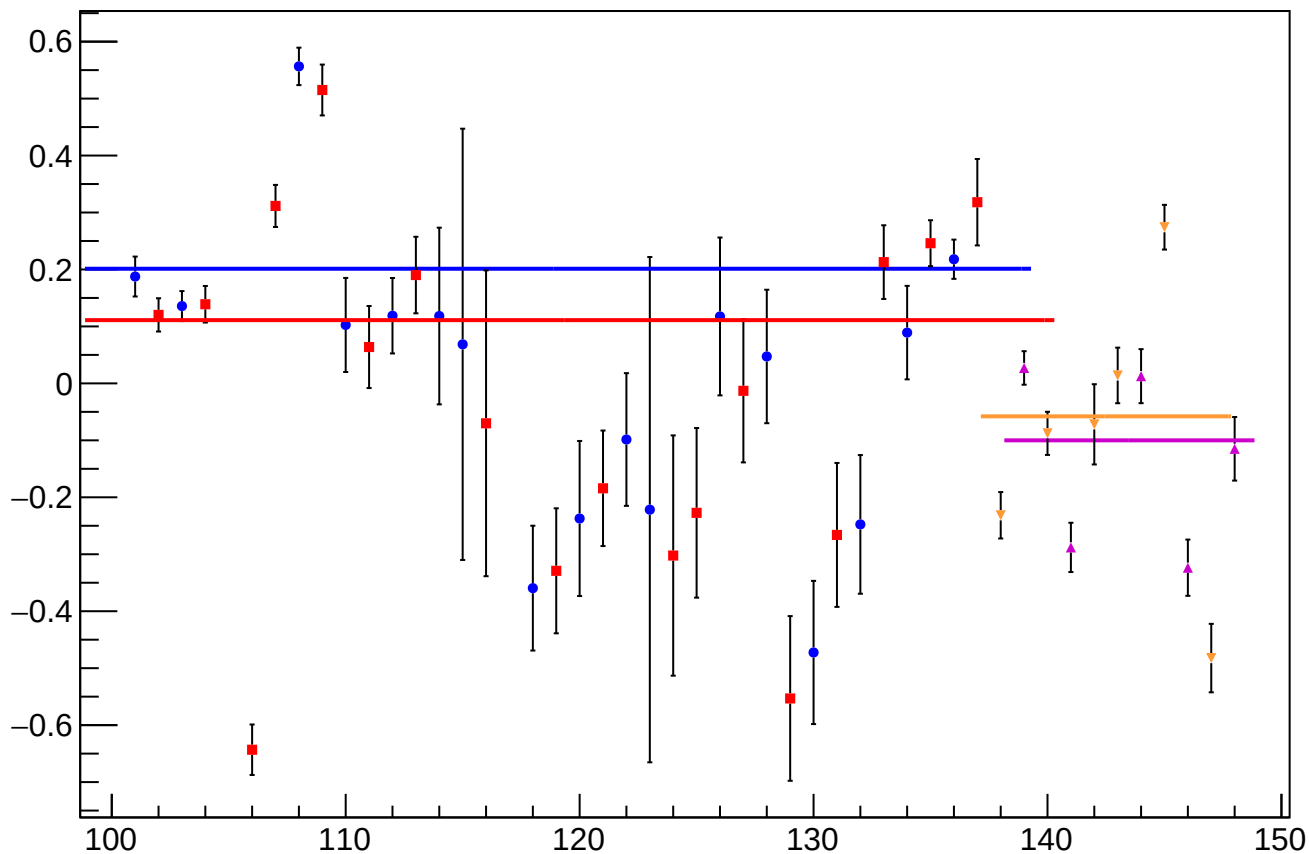
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 58.898 $\pm$ 0.247 χ^2 /NDF:31288.7/21

Out: 60.940 $\pm$ 0.234 χ^2 /NDF:35145.5/23

All: 59.971 $\pm$ 0.170 χ^2 /NDF: 66470.2/45

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.058 ± 0.019 χ^2/NDF : 142.5/5

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.100 ± 0.019 χ^2/NDF : 63.7/4

Left: -0.079 ± 0.013 χ^2/NDF : 208.8/10

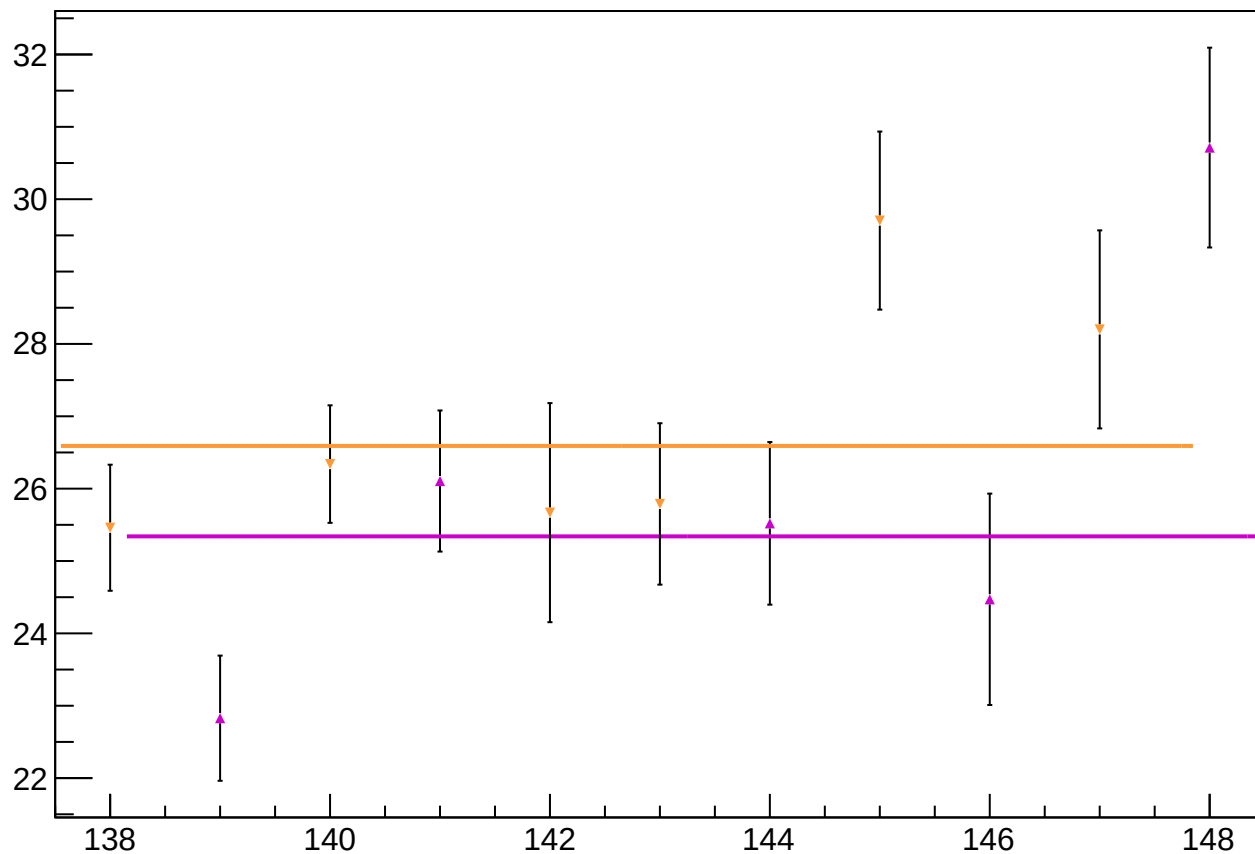
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.093 ± 0.011 χ^2/NDF : 447.2/21

Out: 0.055 ± 0.011 χ^2/NDF : 686.4/23

All: 0.073 ± 0.008 χ^2/NDF : 1139.4/45

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

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: 26.038 $\pm$ 0.325 χ^2 /NDF: 38.7/10

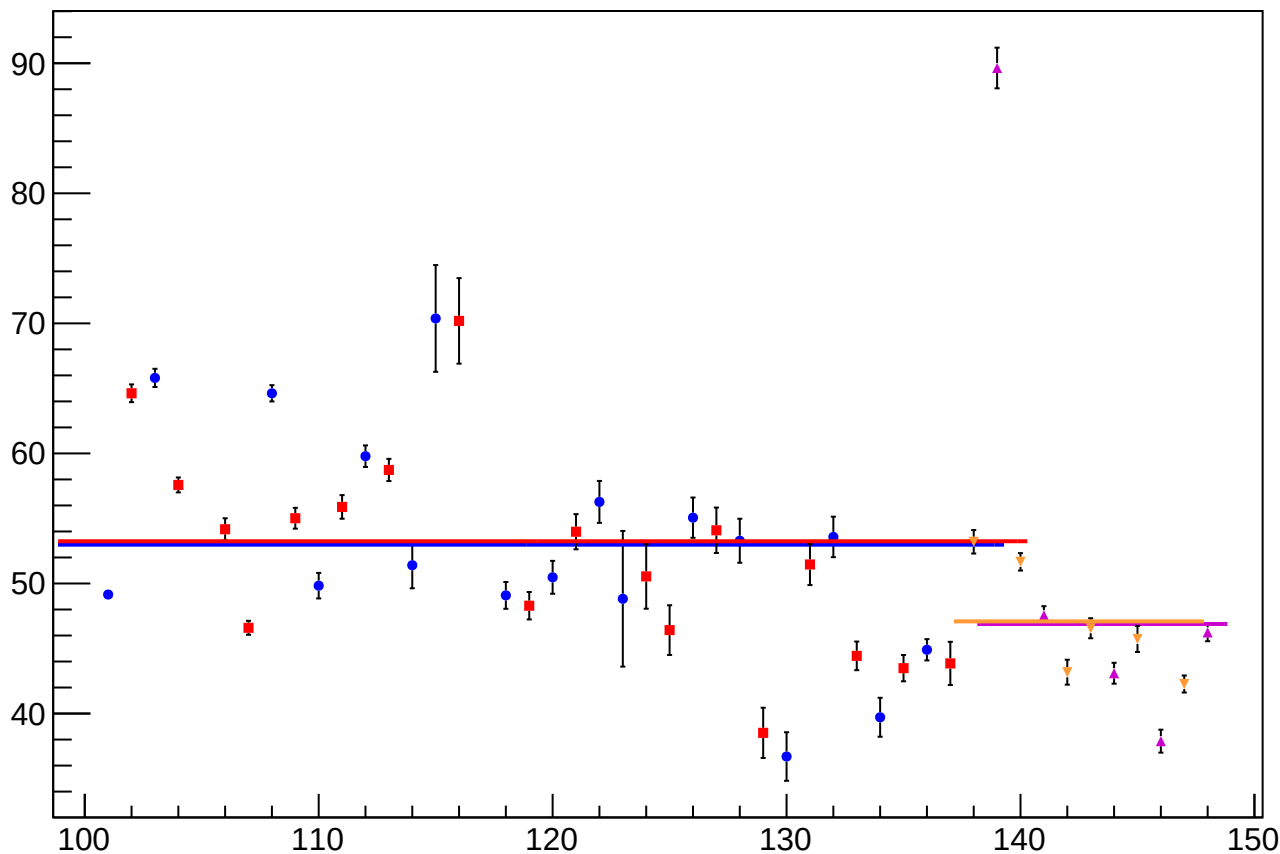
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Out: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

All: 26.038 $\pm$ 0.325 χ^2 /NDF: 38.7/10

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 47.087 $\pm$ 0.324 χ^2 /NDF:165.5/5

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 46.888 $\pm$ 0.366 χ^2 /NDF:876.2/4

Left: 47.000 $\pm$ 0.242 χ^2 /NDF: 1041.8/10

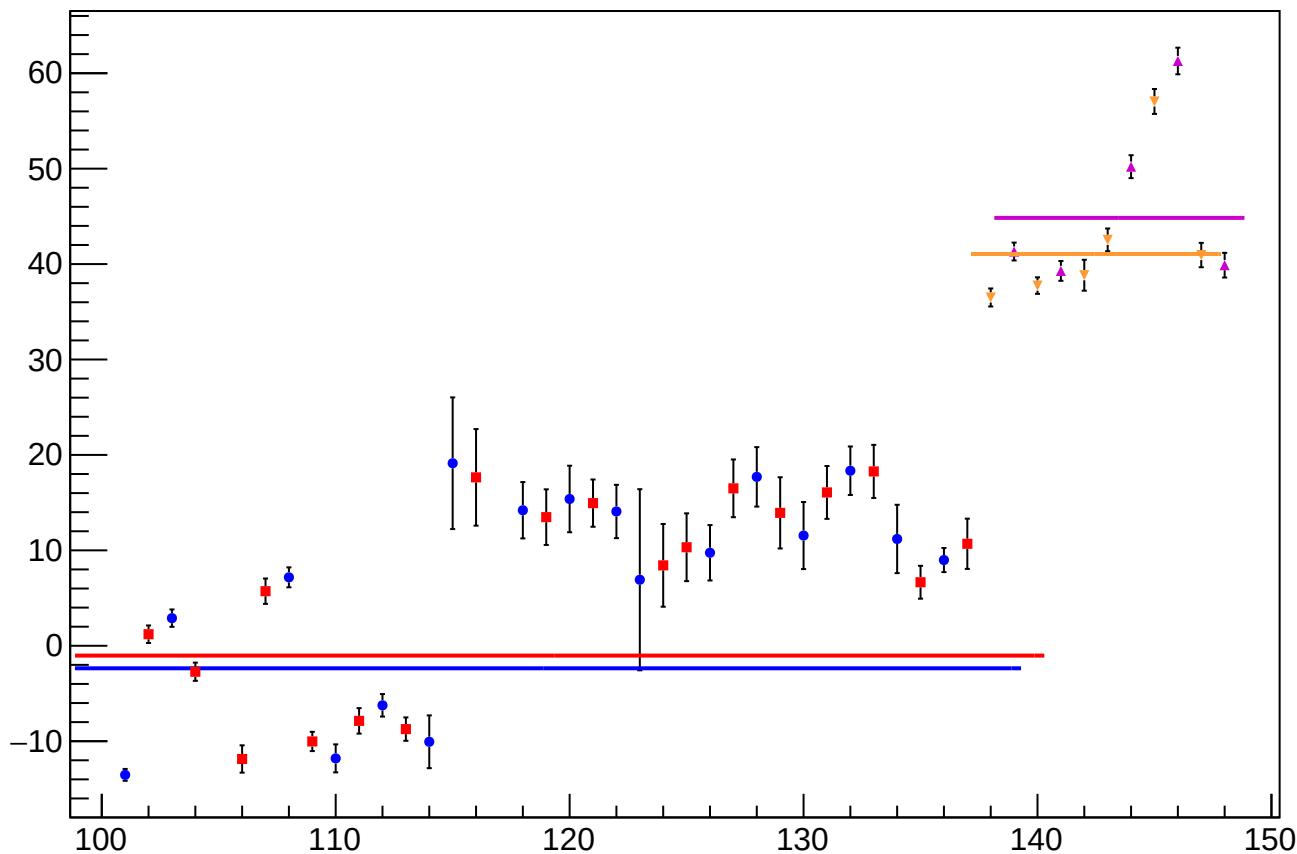
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 51.470 $\pm$ 0.182 χ^2 /NDF:2282.9/21

Out: 51.212 $\pm$ 0.186 χ^2 /NDF:1264.4/23

All: 51.344 $\pm$ 0.130 χ^2 /NDF: 3548.3/45

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.054 ± 0.459 χ^2/NDF : 191.4/5

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 44.842 ± 0.508 χ^2/NDF : 216.4/4

Left: 42.757 ± 0.341 χ^2/NDF : 438.4/10

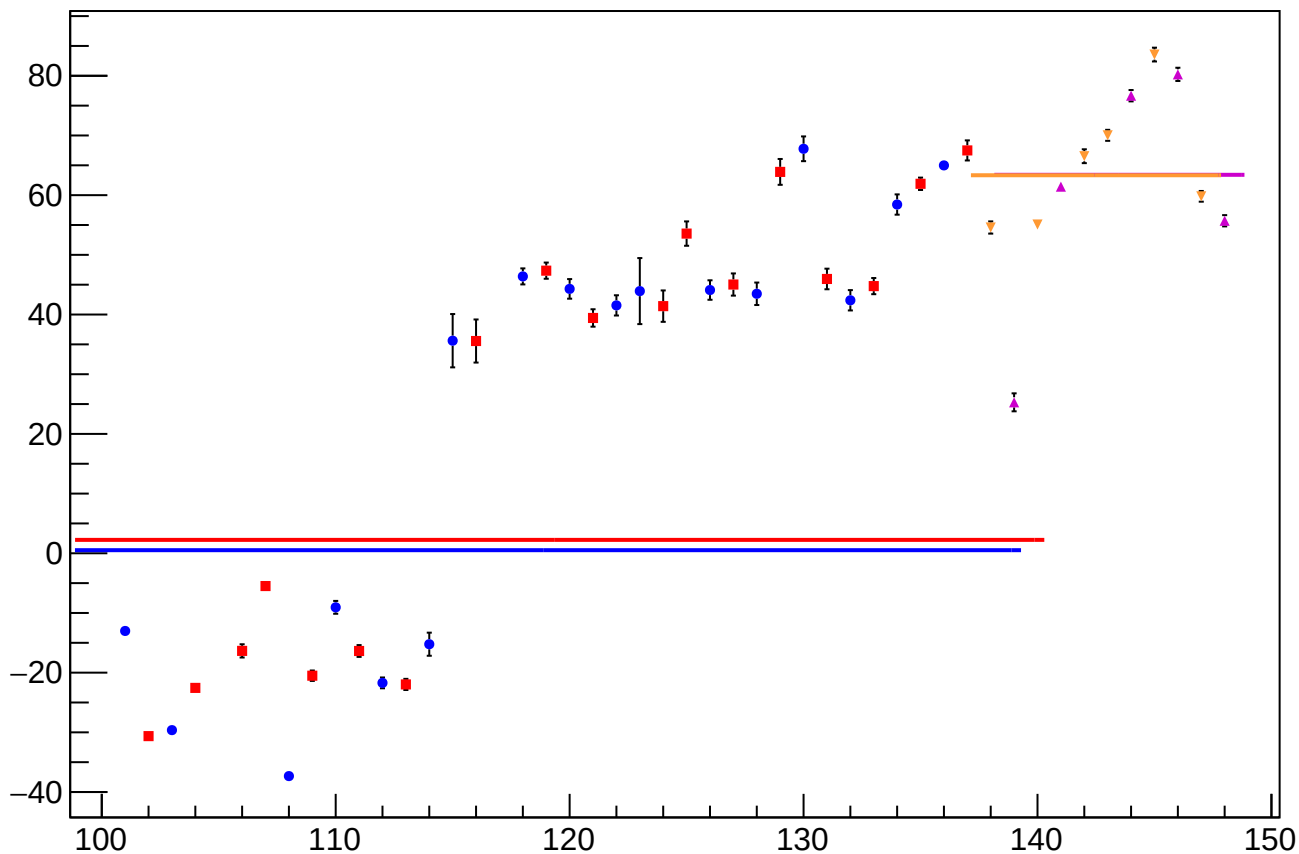
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 13.659 ± 0.296 χ^2/NDF : 6756.6/21

Out: 16.093 ± 0.293 χ^2/NDF : 5682.1/23

All: 14.889 ± 0.208 χ^2/NDF : 12472.8/45

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 63.336 $\pm$ 0.395 χ^2 /NDF:559.1/5

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 63.409 $\pm$ 0.451 χ^2 /NDF:1138.0/4

Left: 63.368 $\pm$ 0.297 χ^2 /NDF: 1697.1/10

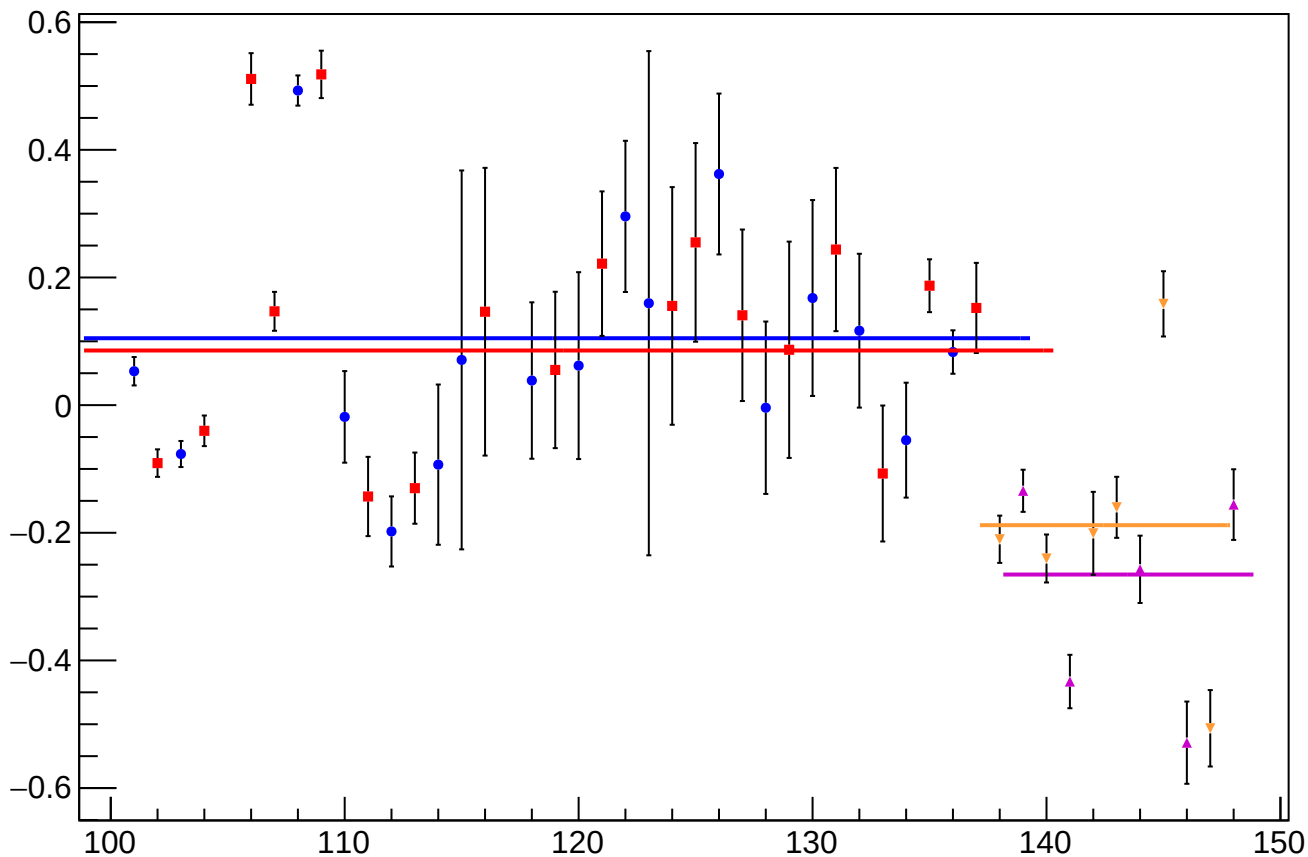
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 15.005 $\pm$ 0.217 χ^2 /NDF:34467.0/21

Out: 21.413 $\pm$ 0.222 χ^2 /NDF:32310.9/23

All: 18.137 $\pm$ 0.155 χ^2 /NDF: 67205.5/45

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.188 ± 0.019 χ^2/NDF : 76.9/5

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.265 ± 0.020 χ^2/NDF : 52.5/4

Left: -0.224 ± 0.014 χ^2/NDF : 137.2/10

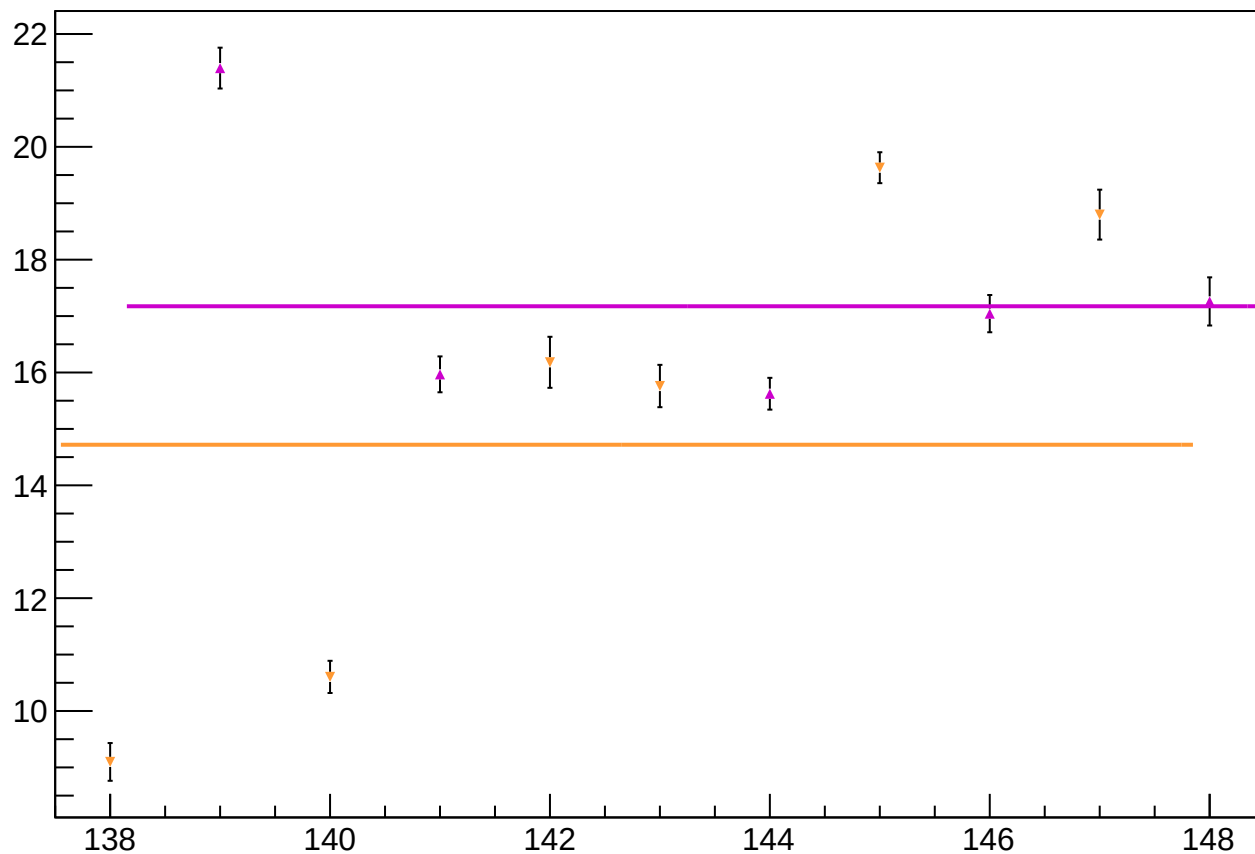
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: 0.021 ± 0.010 χ^2/NDF : 709.2/21

Out: 0.016 ± 0.010 χ^2/NDF : 620.2/23

All: 0.018 ± 0.007 χ^2/NDF : 1329.6/45

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.720+/-0.139 χ^2/NDF :914.5/5

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: 15.860+/-0.102 χ^2/NDF : 1239.9/10

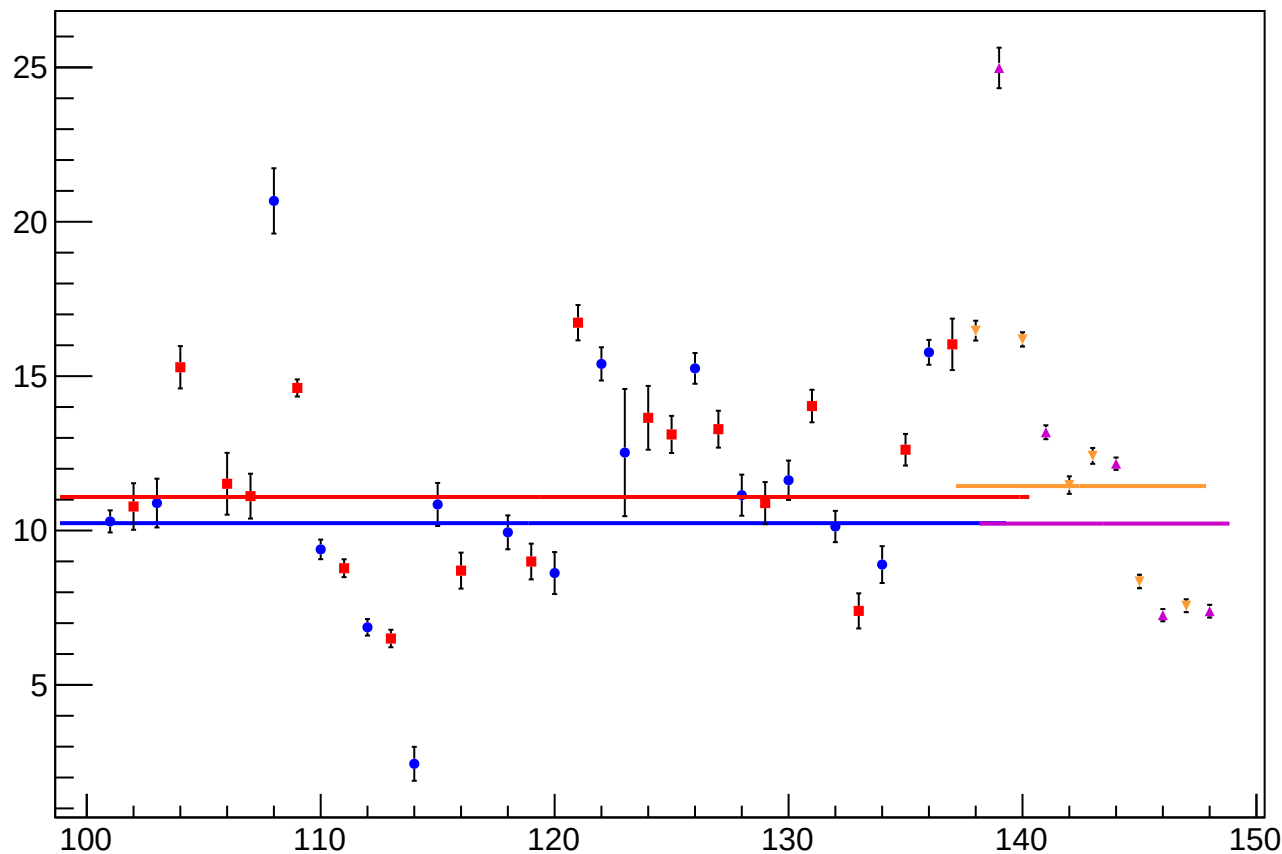
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.174+/-0.149 χ^2/NDF :180.8/4

Out: 14.720+/-0.139 χ^2/NDF :914.5/5

All: 15.860+/-0.102 χ^2/NDF : 1239.9/10

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 11.439+/-0.100 χ^2/NDF :1221.5/5

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 10.225+/-0.102 χ^2/NDF :1181.1/4

Left: 10.845+/-0.072 χ^2/NDF : 2474.5/10

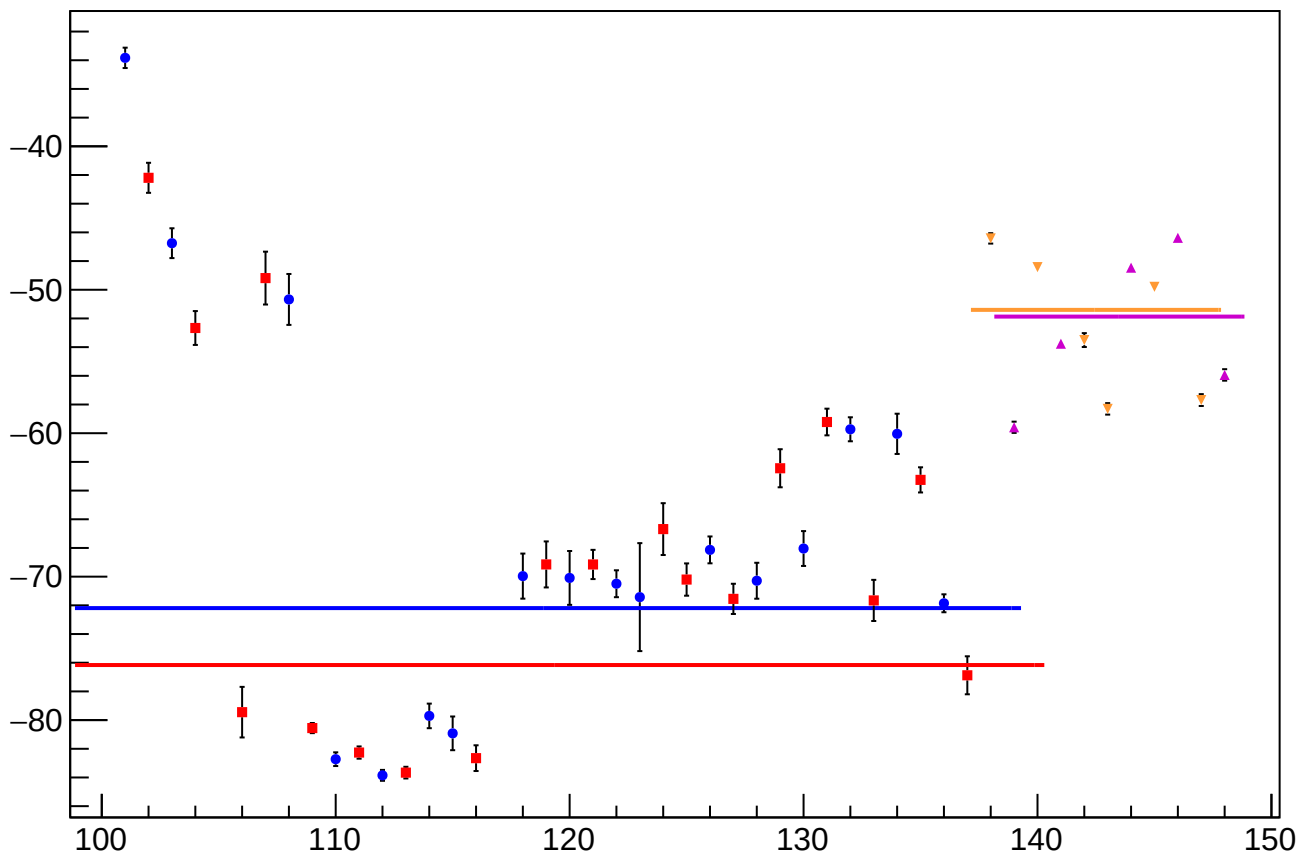
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.230+/-0.078 χ^2/NDF :2048.5/21

Out: 11.289+/-0.076 χ^2/NDF :2027.8/23

All: 10.771+/-0.054 χ^2/NDF : 4171.3/45

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -51.402 ± 0.147 $\chi^2/\text{NDF}: 863.5/5$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -51.871 ± 0.153 $\chi^2/\text{NDF}: 951.0/4$

Left: -51.626 ± 0.106 $\chi^2/\text{NDF}: 1819.4/10$

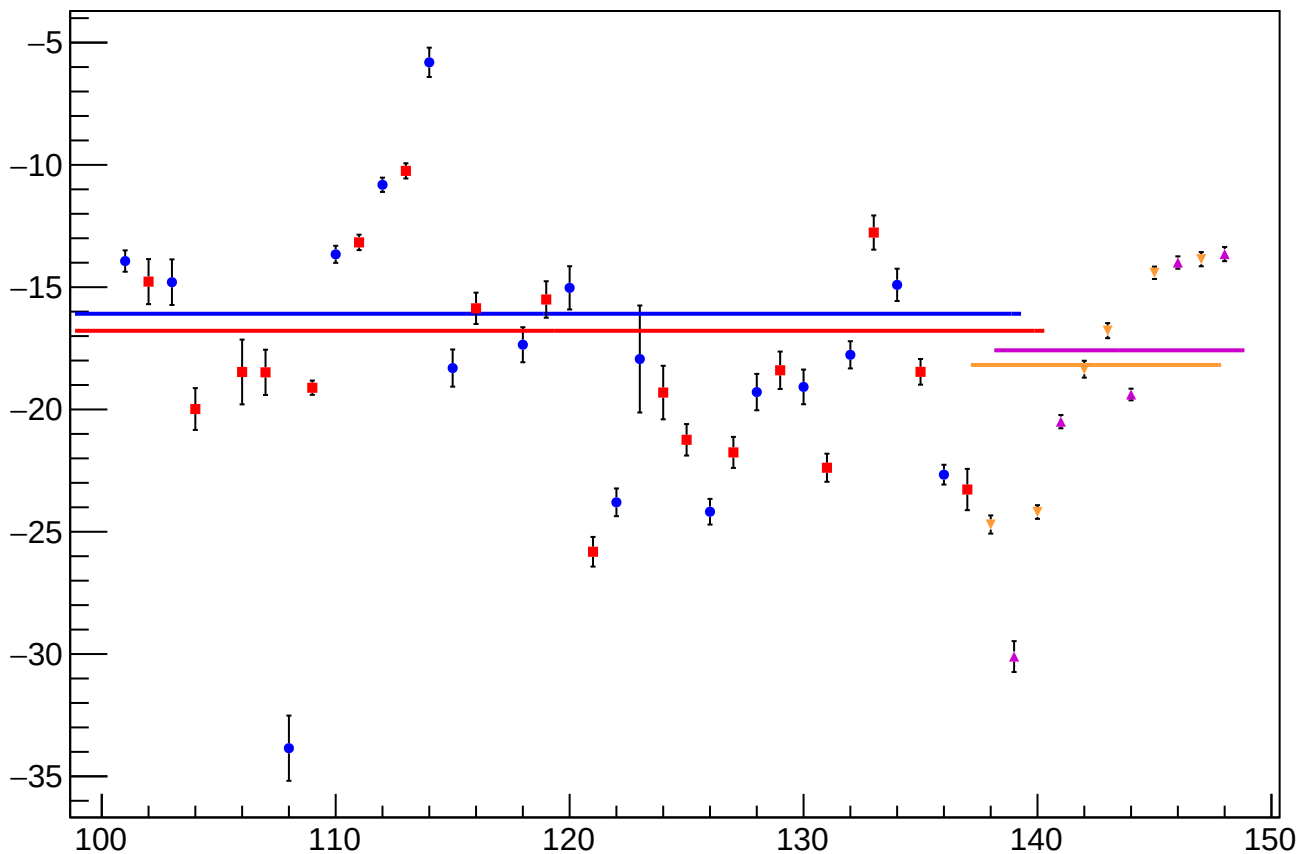
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -59.490 ± 0.121 $\chi^2/\text{NDF}: 13089.3/21$

Out: -61.198 ± 0.114 $\chi^2/\text{NDF}: 15366.5/23$

All: -60.397 ± 0.083 $\chi^2/\text{NDF}: 28561.1/45$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -18.180 ± 0.123 χ^2/NDF : 1234.5/5

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.582 ± 0.128 χ^2/NDF : 950.4/4

Left: -17.893 ± 0.089 χ^2/NDF : 2196.2/10

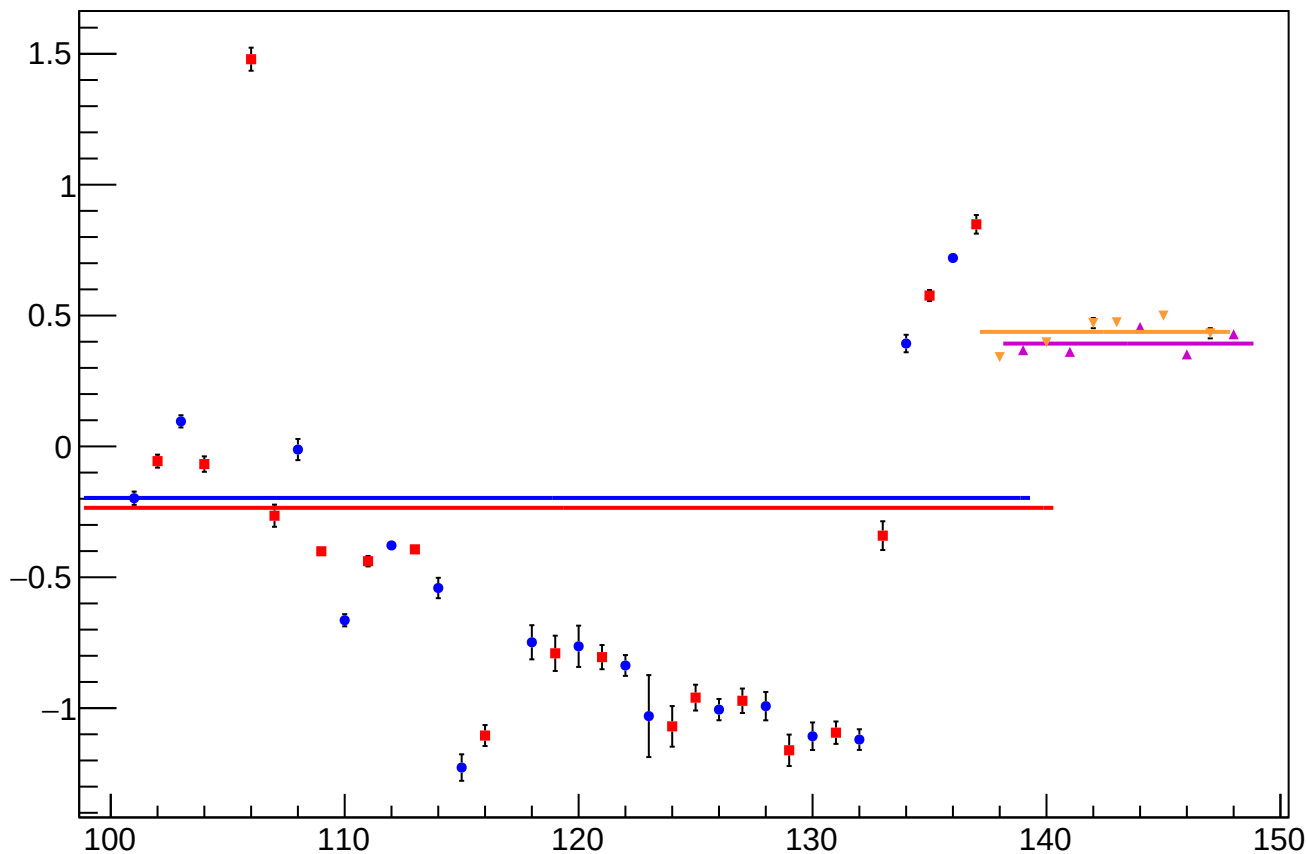
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.860 ± 0.092 χ^2/NDF : 2638.0/21

Out: -17.512 ± 0.089 χ^2/NDF : 2500.8/23

All: -17.198 ± 0.064 χ^2/NDF : 5164.8/45

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 $\chi^2/\text{NDF}: 6329.9/16$

Left Out: 0.438 ± 0.006 $\chi^2/\text{NDF}: 91.5/5$

Right Out: -0.235 ± 0.007 $\chi^2/\text{NDF}: 6204.9/17$

Left In: 0.393 ± 0.006 $\chi^2/\text{NDF}: 44.0/4$

Left: 0.416 ± 0.004 $\chi^2/\text{NDF}: 161.2/10$

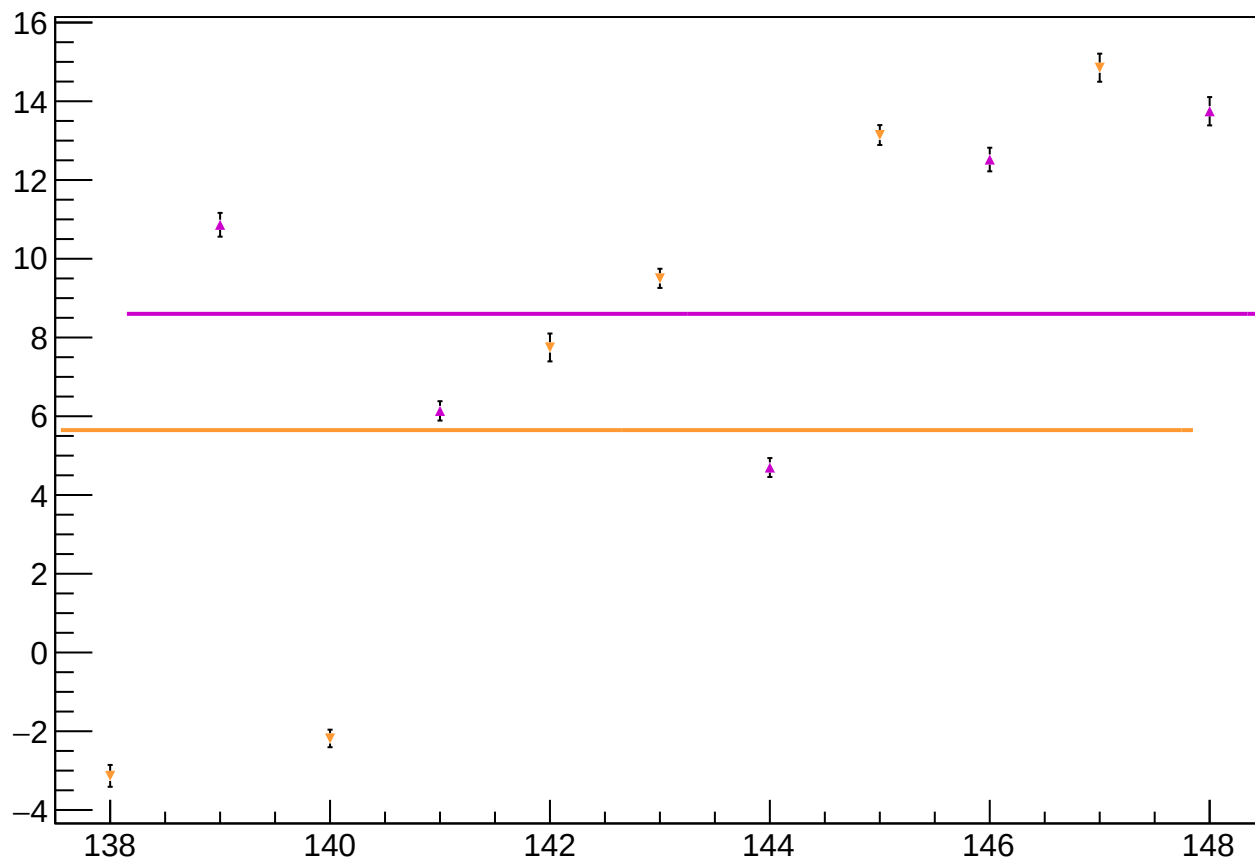
Right: -0.217 ± 0.005 $\chi^2/\text{NDF}: 12547.9/34$

In: 0.146 ± 0.005 $\chi^2/\text{NDF}: 9924.1/21$

Out: 0.158 ± 0.005 $\chi^2/\text{NDF}: 11409.6/23$

All: 0.153 ± 0.003 $\chi^2/\text{NDF}: 21337.0/45$

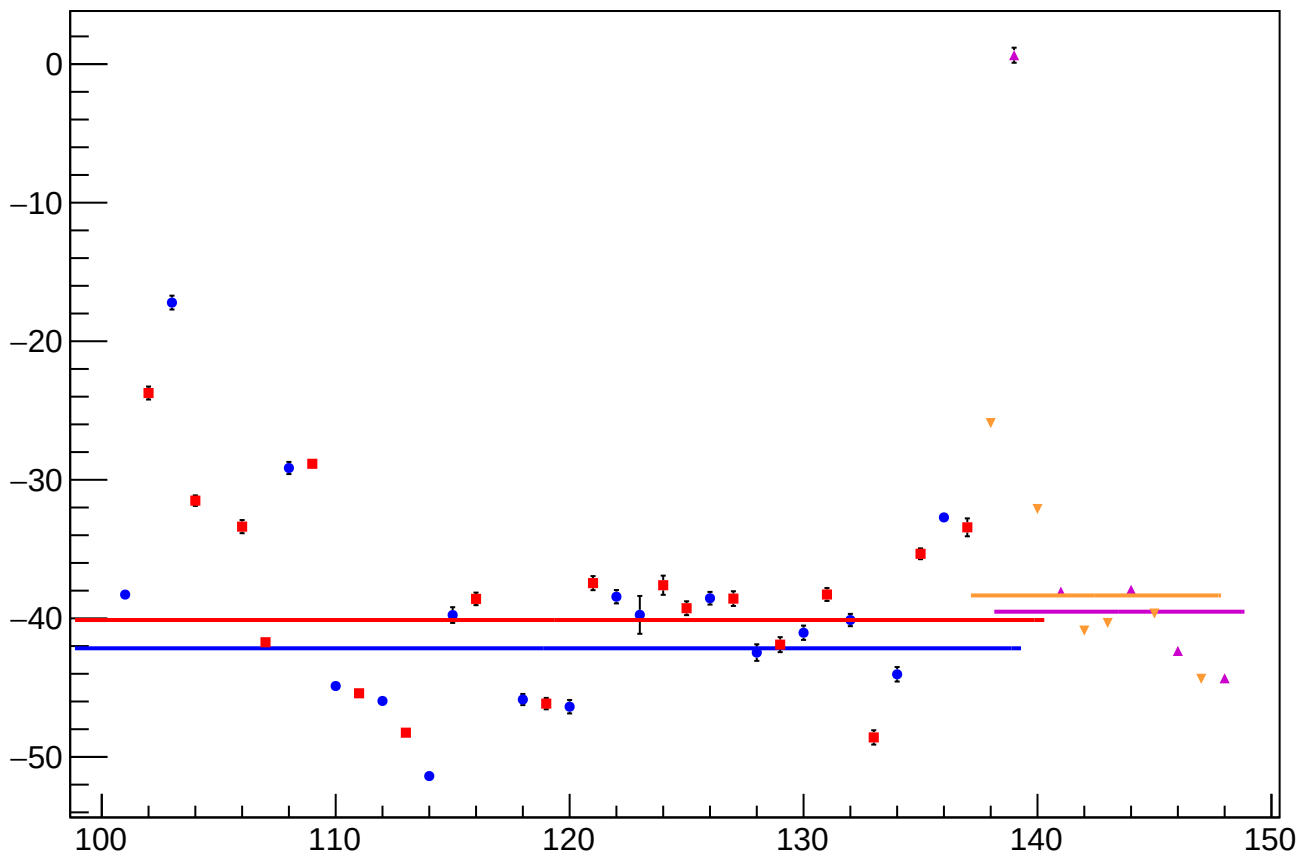
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.648+/-0.111 χ^2/NDF : 4071.4/5
 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: 6.942+/-0.083 χ^2/NDF : 5178.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.601+/-0.125 χ^2/NDF : 795.7/4
 Out: 5.648+/-0.111 χ^2/NDF : 4071.4/5
 All: 6.942+/-0.083 χ^2/NDF : 5178.9/10

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.346 ± 0.079 $\chi^2/\text{NDF}: 4889.7/5$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -39.519 ± 0.087 $\chi^2/\text{NDF}: 6569.3/4$

Left: -38.877 ± 0.059 $\chi^2/\text{NDF}: 11557.9/10$

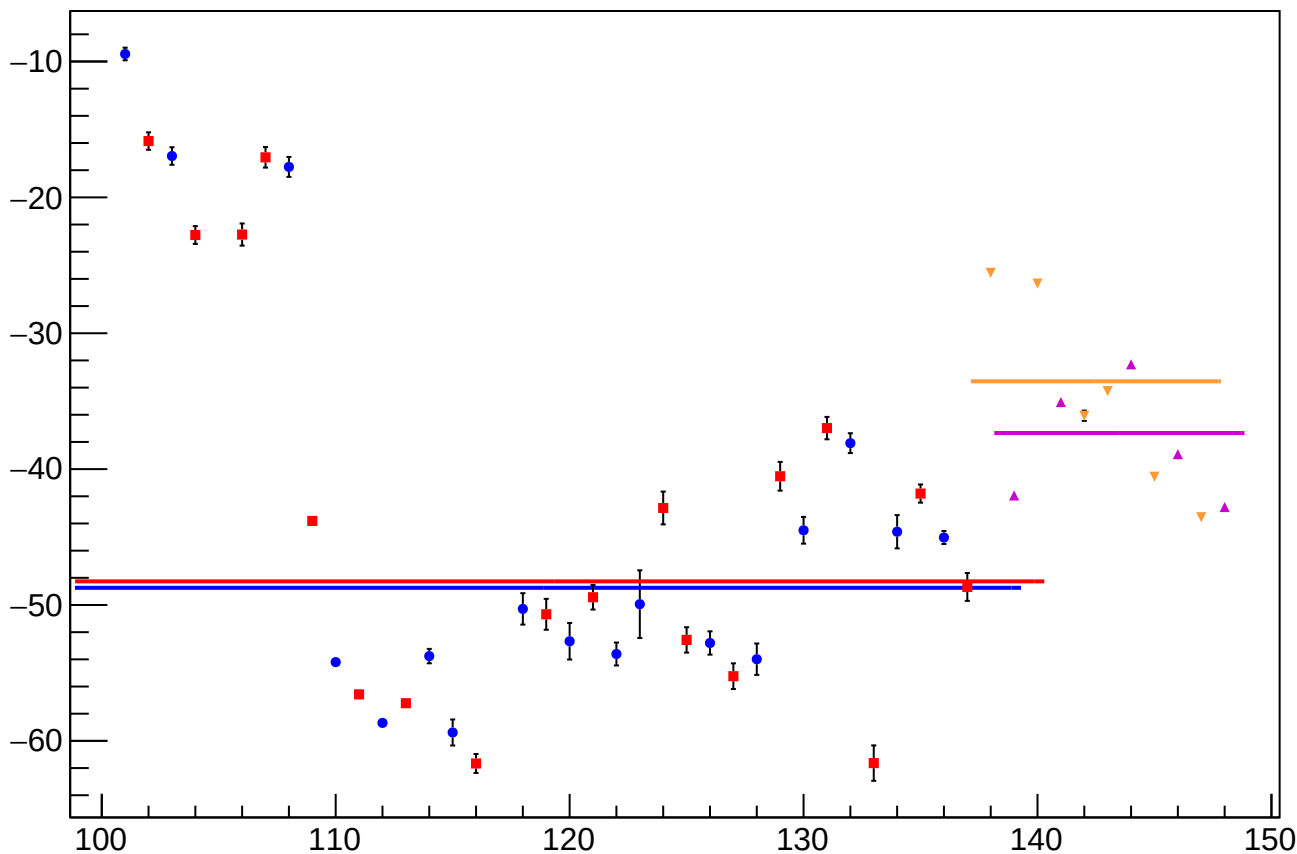
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.988 ± 0.058 $\chi^2/\text{NDF}: 13649.7/21$

Out: -39.309 ± 0.054 $\chi^2/\text{NDF}: 16045.4/23$

All: -40.082 ± 0.039 $\chi^2/\text{NDF}: 30145.9/45$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -33.537 ± 0.117 χ^2/NDF : 3264.8/5

Right Out: -48.261 ± 0.107 χ^2/NDF : 11091.7/17

Left In: -37.344 ± 0.129 χ^2/NDF : 950.3/4

Left: -35.247 ± 0.087 χ^2/NDF : 4693.6/10

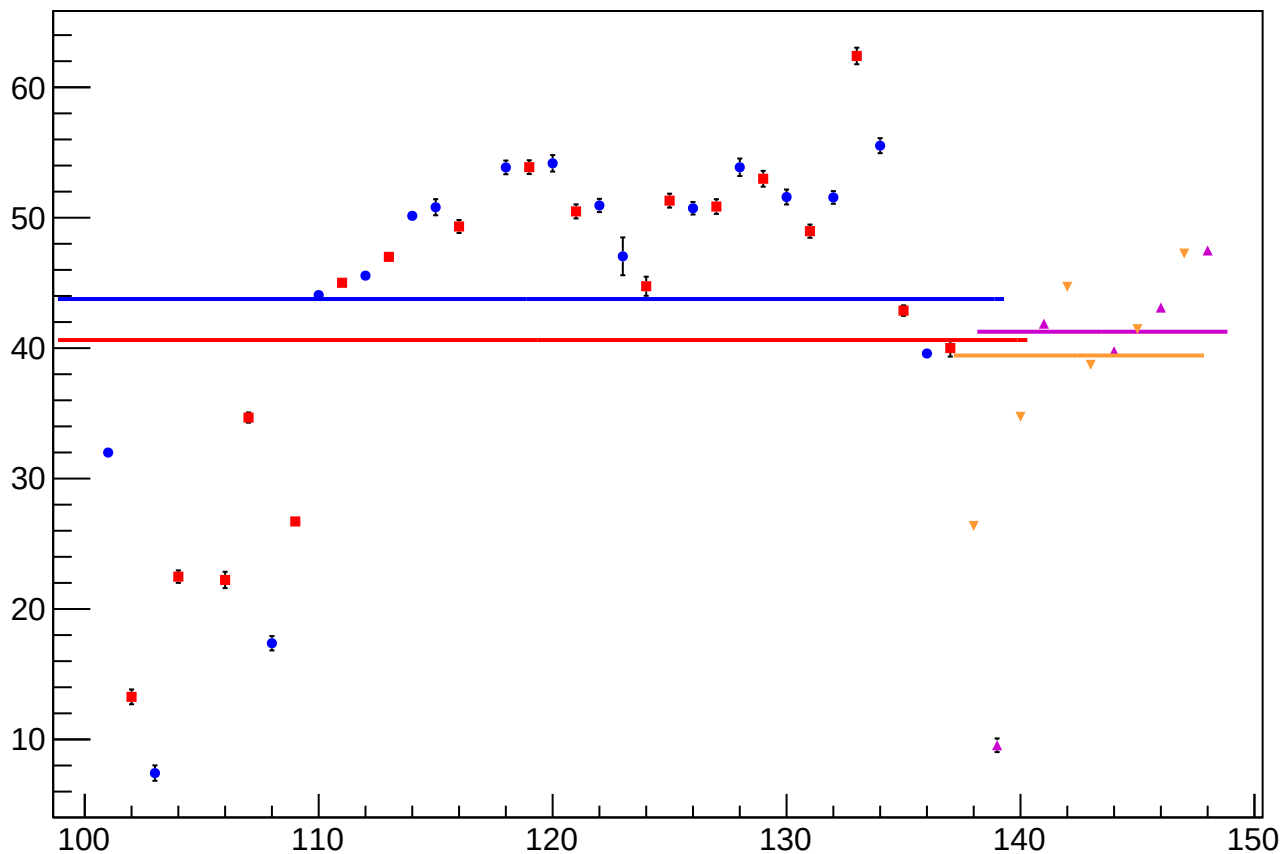
Right: -48.462 ± 0.081 χ^2/NDF : 25759.4/34

In: -43.239 ± 0.090 χ^2/NDF : 19635.2/21

Out: -41.501 ± 0.079 χ^2/NDF : 22979.0/23

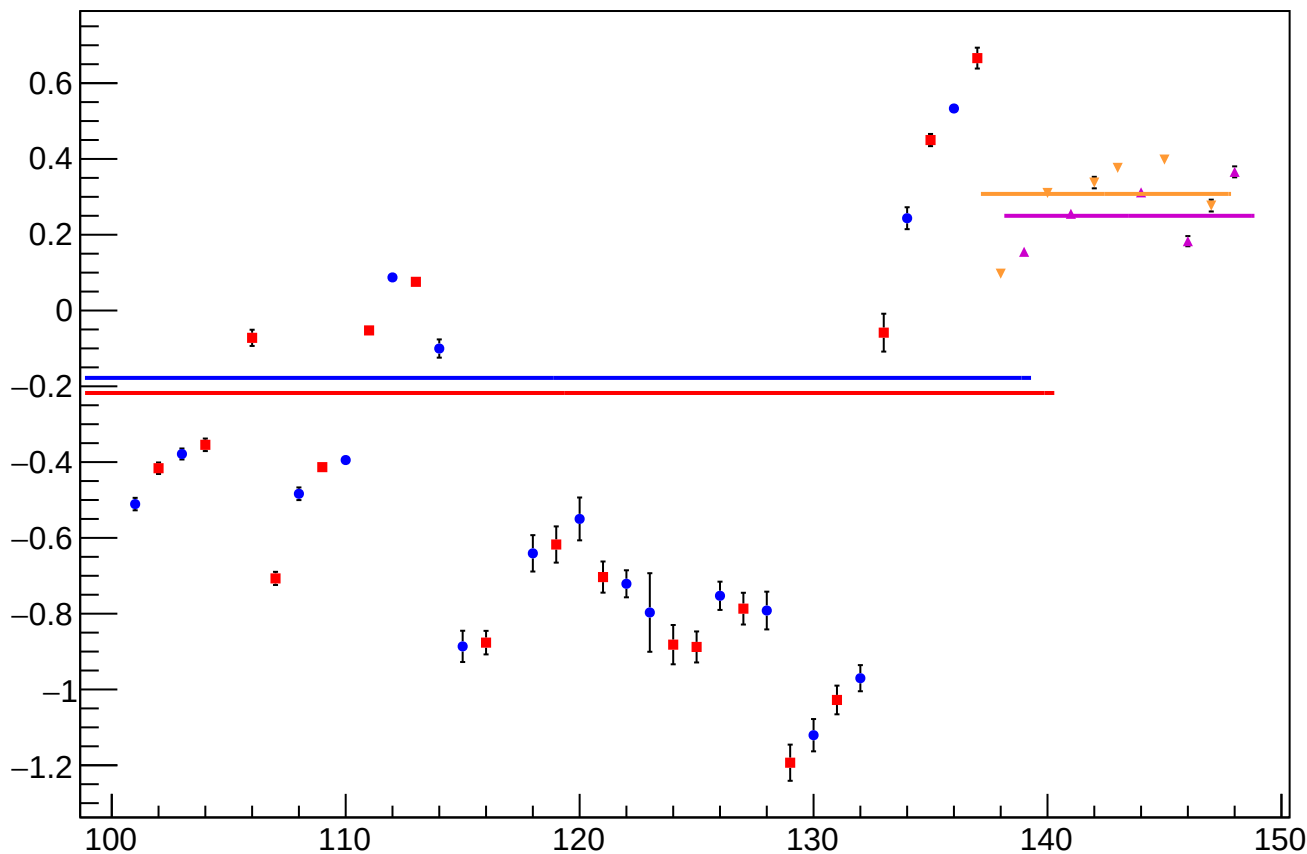
All: -42.260 ± 0.059 χ^2/NDF : 42825.5/45

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 40.249 ± 0.072 χ^2/NDF : 8402.4/10
 Right: 42.070 ± 0.059 χ^2/NDF : 28299.2/34
 In: 42.785 ± 0.068 χ^2/NDF : 15389.3/21
 Out: 40.140 ± 0.062 χ^2/NDF : 20862.0/23
 All: 41.343 ± 0.046 χ^2/NDF : 37083.0/45

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.308 ± 0.005 χ^2/NDF : 435.7/5

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.250 ± 0.005 χ^2/NDF : 188.1/4

Left: 0.282 ± 0.004 χ^2/NDF : 687.9/10

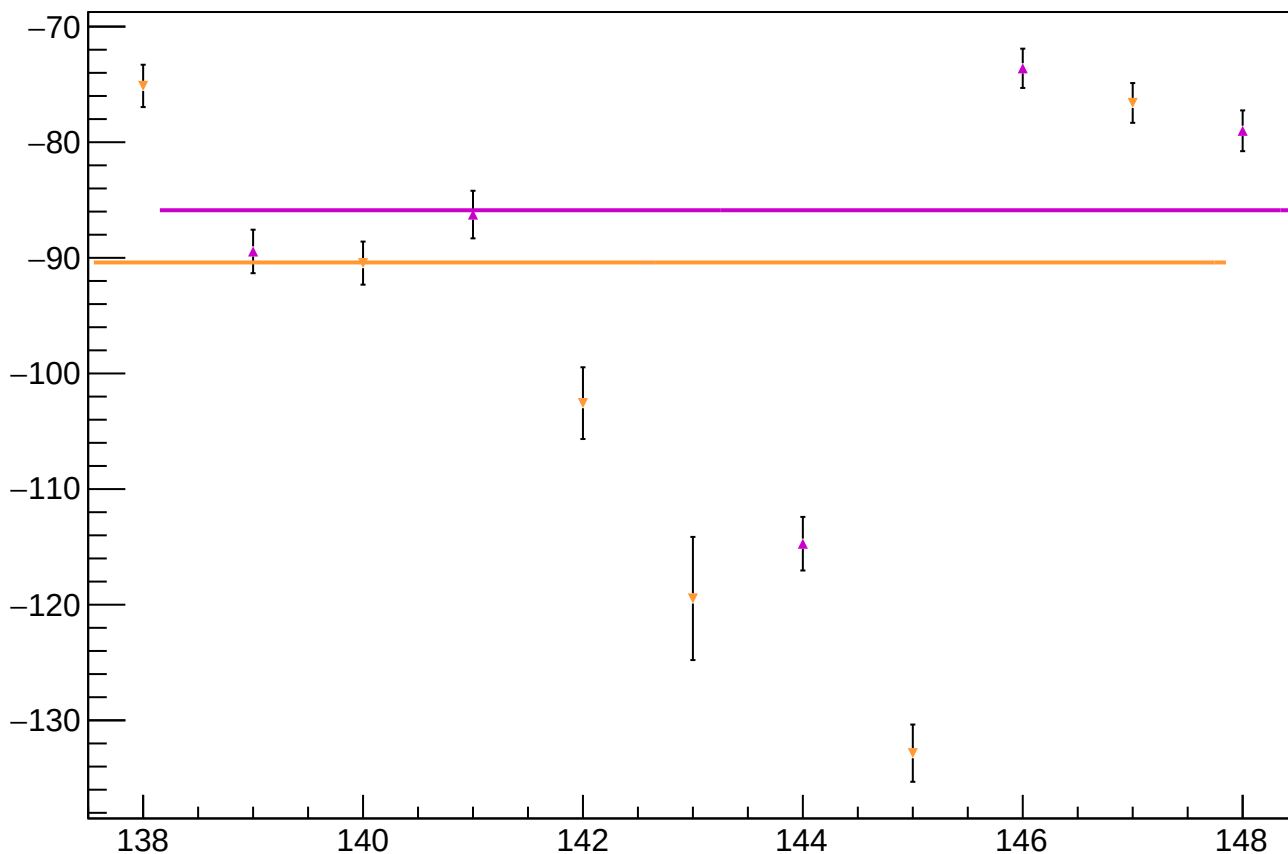
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.014 ± 0.004 χ^2/NDF : 11056.6/21

Out: 0.016 ± 0.003 χ^2/NDF : 14483.7/23

All: 0.015 ± 0.002 χ^2/NDF : 25540.4/45

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -90.399+/-0.903 χ^2/NDF : 473.1/5

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: -88.015+/-0.620 χ^2/NDF : 712.1/10

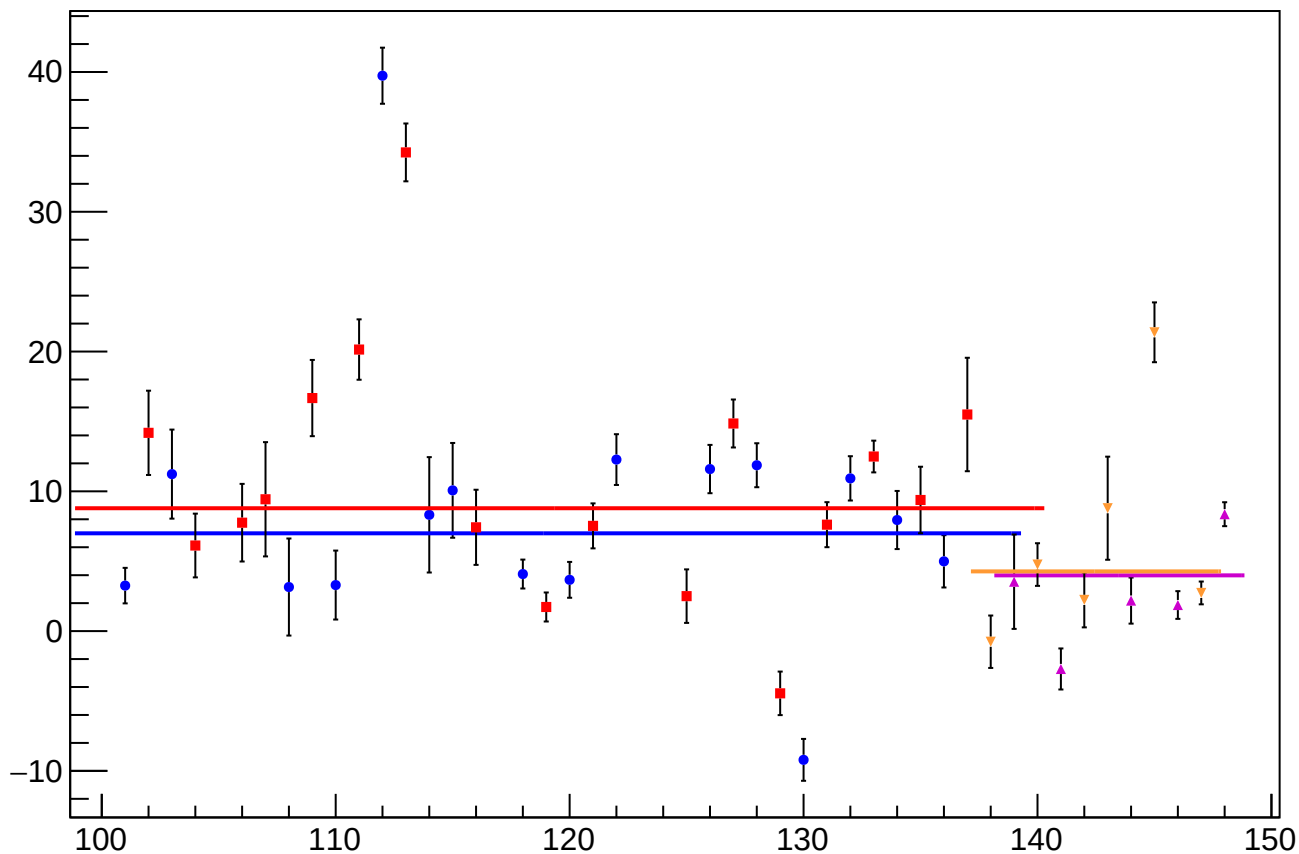
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -85.884+/-0.853 χ^2/NDF : 225.8/4

Out: -90.399+/-0.903 χ^2/NDF : 473.1/5

All: -88.015+/-0.620 χ^2/NDF : 712.1/10

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 4.272 ± 0.601 $\chi^2/\text{NDF}: 77.4/5$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.988 ± 0.550 $\chi^2/\text{NDF}: 52.7/4$

Left: 4.117 ± 0.406 $\chi^2/\text{NDF}: 130.2/10$

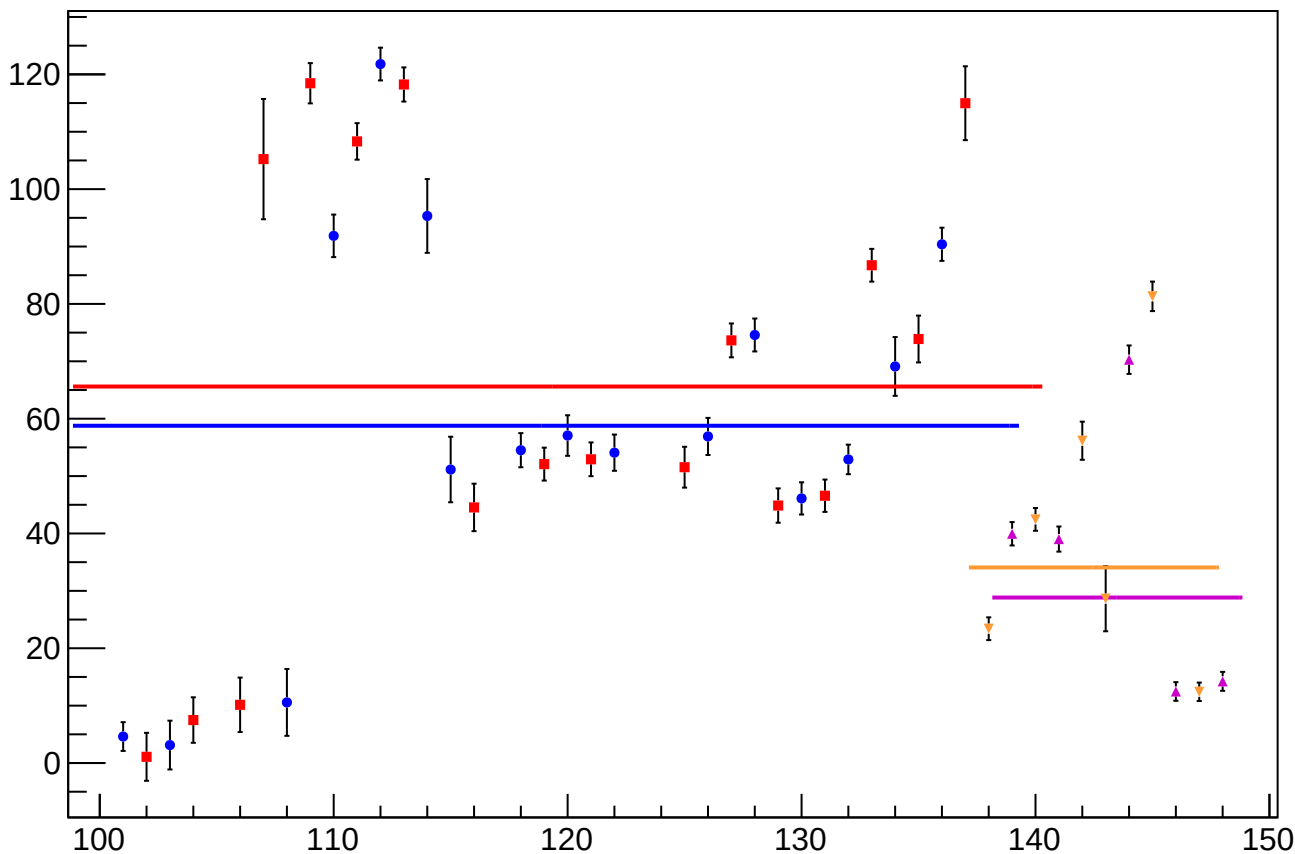
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.842 ± 0.341 $\chi^2/\text{NDF}: 516.5/20$

Out: 7.169 ± 0.360 $\chi^2/\text{NDF}: 462.5/22$

All: 6.470 ± 0.247 $\chi^2/\text{NDF}: 986.1/43$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 34.077 $\pm$ 0.925 χ^2 /NDF:612.2/5

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 28.837 $\pm$ 0.858 χ^2 /NDF:510.7/4

Left: 31.262 $\pm$ 0.629 χ^2 /NDF: 1140.2/10

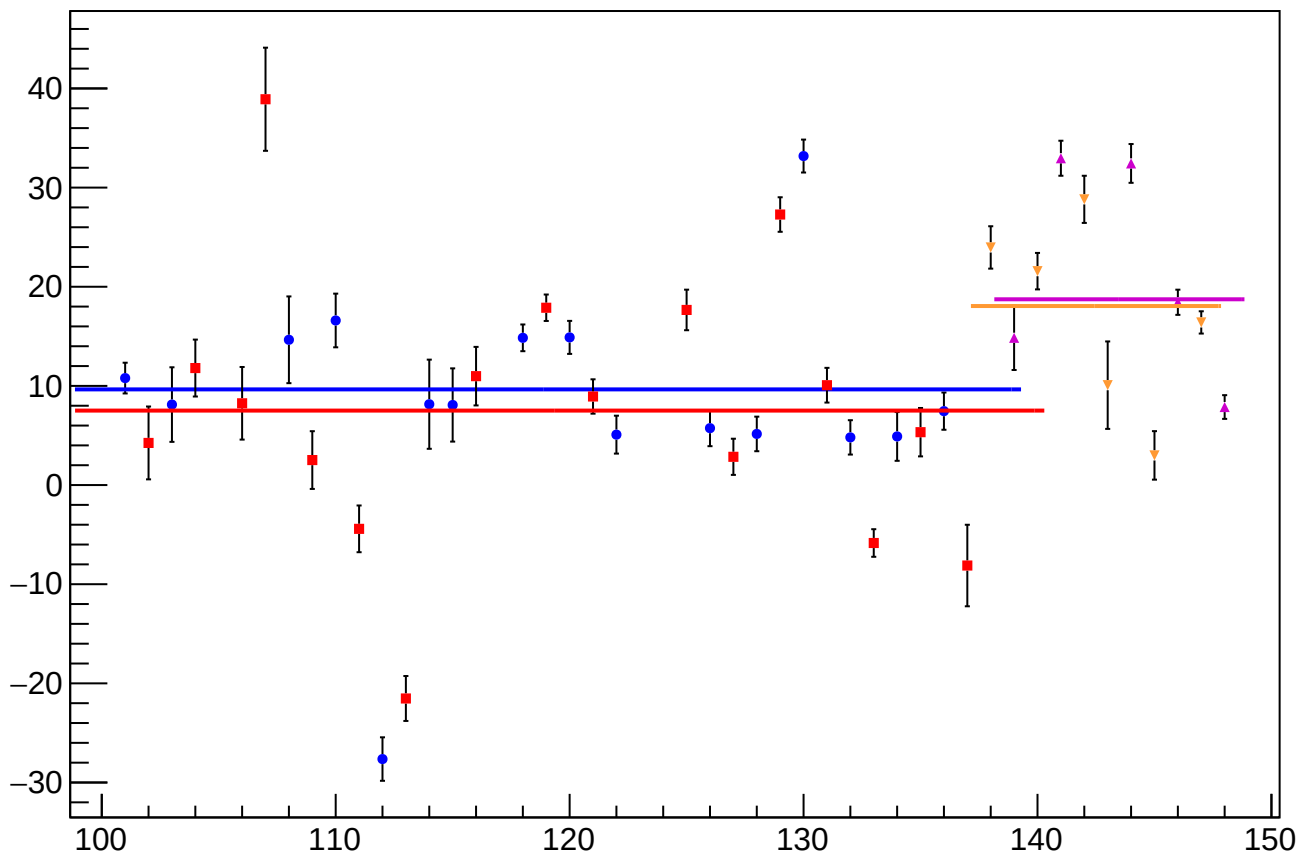
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 44.253 $\pm$ 0.598 χ^2 /NDF:2630.4/20

Out: 51.264 $\pm$ 0.624 χ^2 /NDF:2871.3/22

All: 47.609 $\pm$ 0.432 χ^2 /NDF: 5567.6/43

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.055 $\pm$ 0.766 χ^2 /NDF: 75.1/5

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.735 $\pm$ 0.708 χ^2 /NDF: 197.9/4

Left: 18.422 $\pm$ 0.520 χ^2 /NDF: 273.5/10

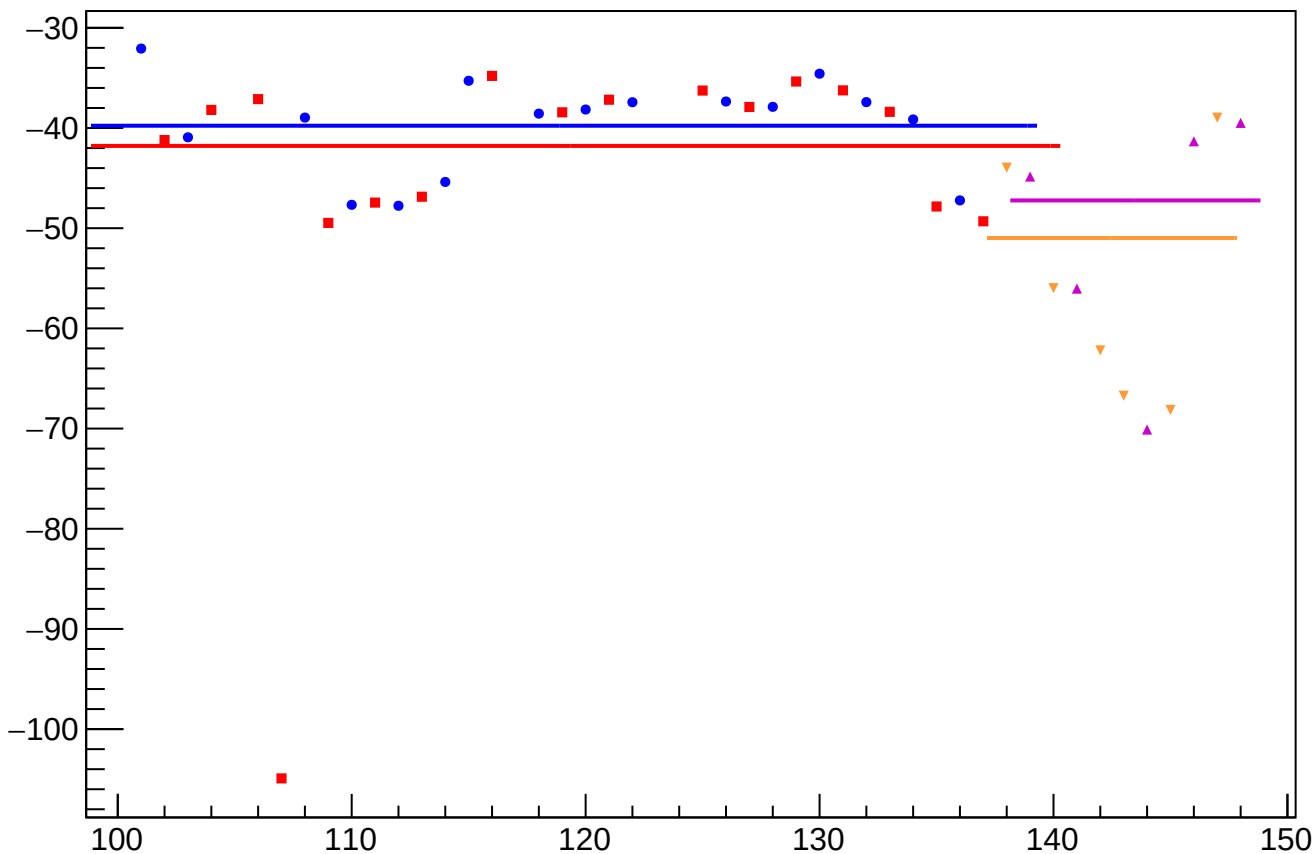
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 12.689 $\pm$ 0.410 χ^2 /NDF: 861.1/20

Out: 10.803 $\pm$ 0.428 χ^2 /NDF: 769.6/22

All: 11.788 $\pm$ 0.296 χ^2 /NDF: 1640.8/43

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -50.979+/-0.039 χ^2/NDF : 77003.6/5

Right Out: -41.787+/-0.031 χ^2/NDF : 93008.7/16

Left In: -47.229+/-0.036 χ^2/NDF : 73383.9/4

Left: -48.920+/-0.026 χ^2/NDF : 155368.2/10

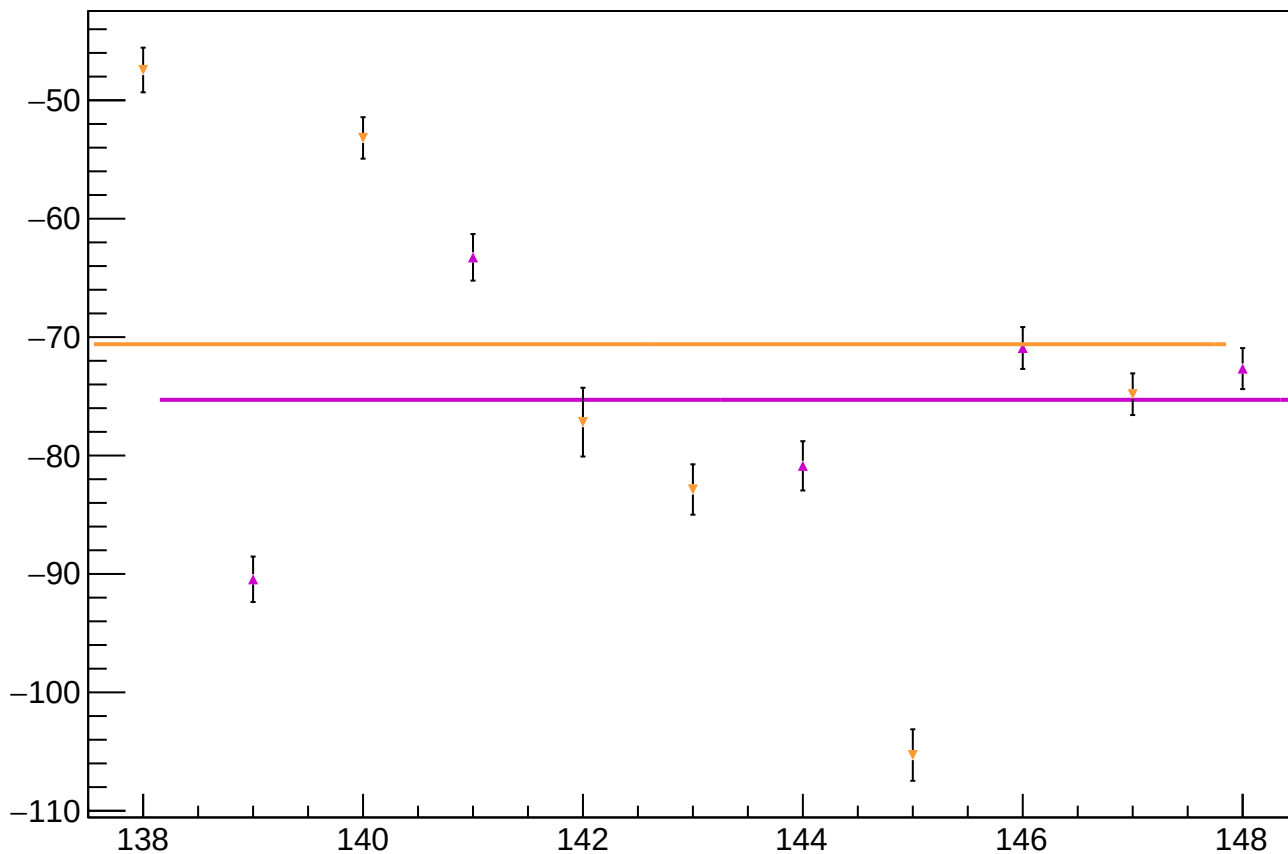
Right: -40.769+/-0.022 χ^2/NDF : 121265.0/32

In: -42.991+/-0.023 χ^2/NDF : 124378.7/20

Out: -45.360+/-0.025 χ^2/NDF : 203319.2/22

All: -44.121+/-0.017 χ^2/NDF : 332568.8/43

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.601+/-0.822 χ^2/NDF :548.6/5

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: -72.895+/-0.588 χ^2/NDF : 680.0/10

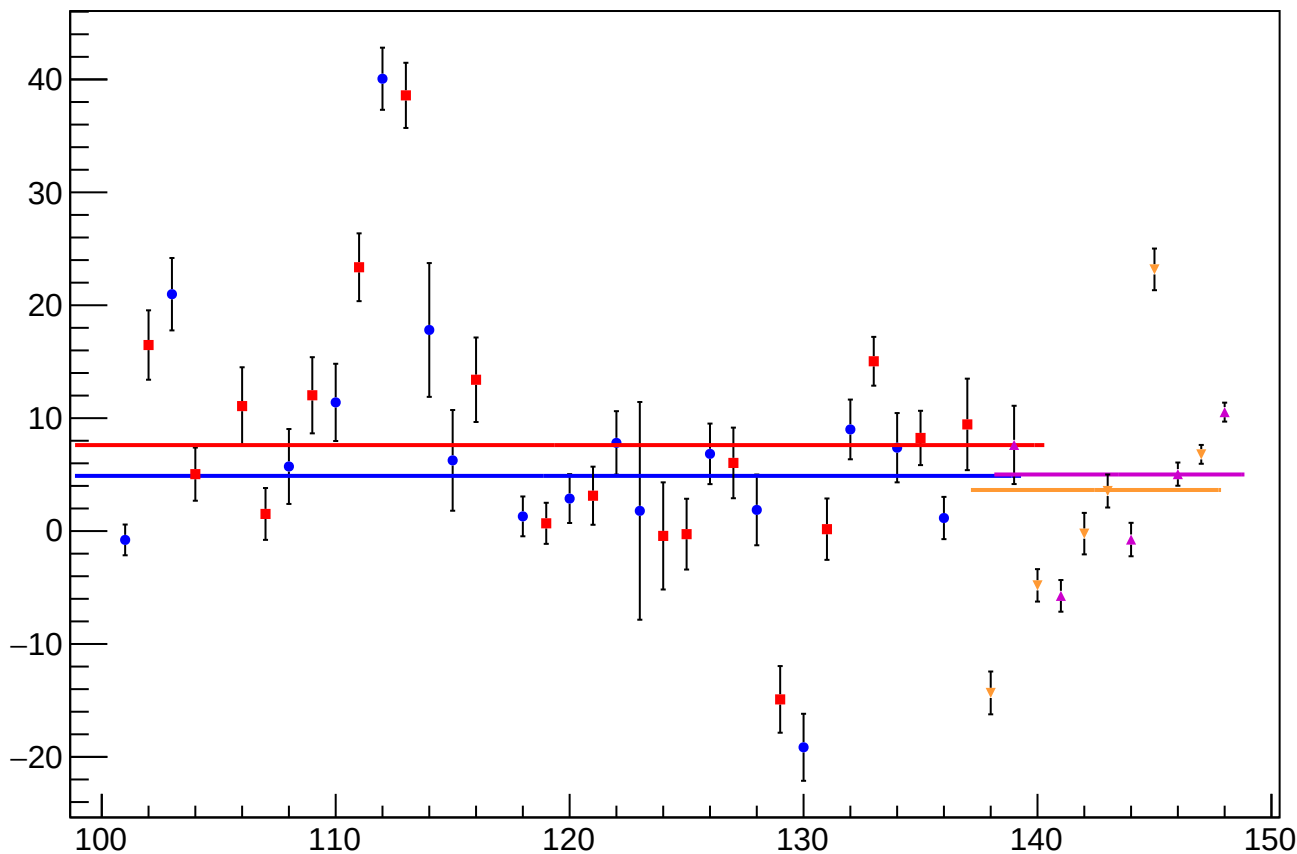
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.295+/-0.840 χ^2/NDF :115.4/4

Out: -70.601+/-0.822 χ^2/NDF :548.6/5

All: -72.895+/-0.588 χ^2/NDF : 680.0/10

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 3.639 ± 0.554 χ^2/NDF : 255.3/5

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 5.012 ± 0.541 χ^2/NDF : 117.7/4

Left: 4.342 ± 0.387 χ^2/NDF : 376.1/10

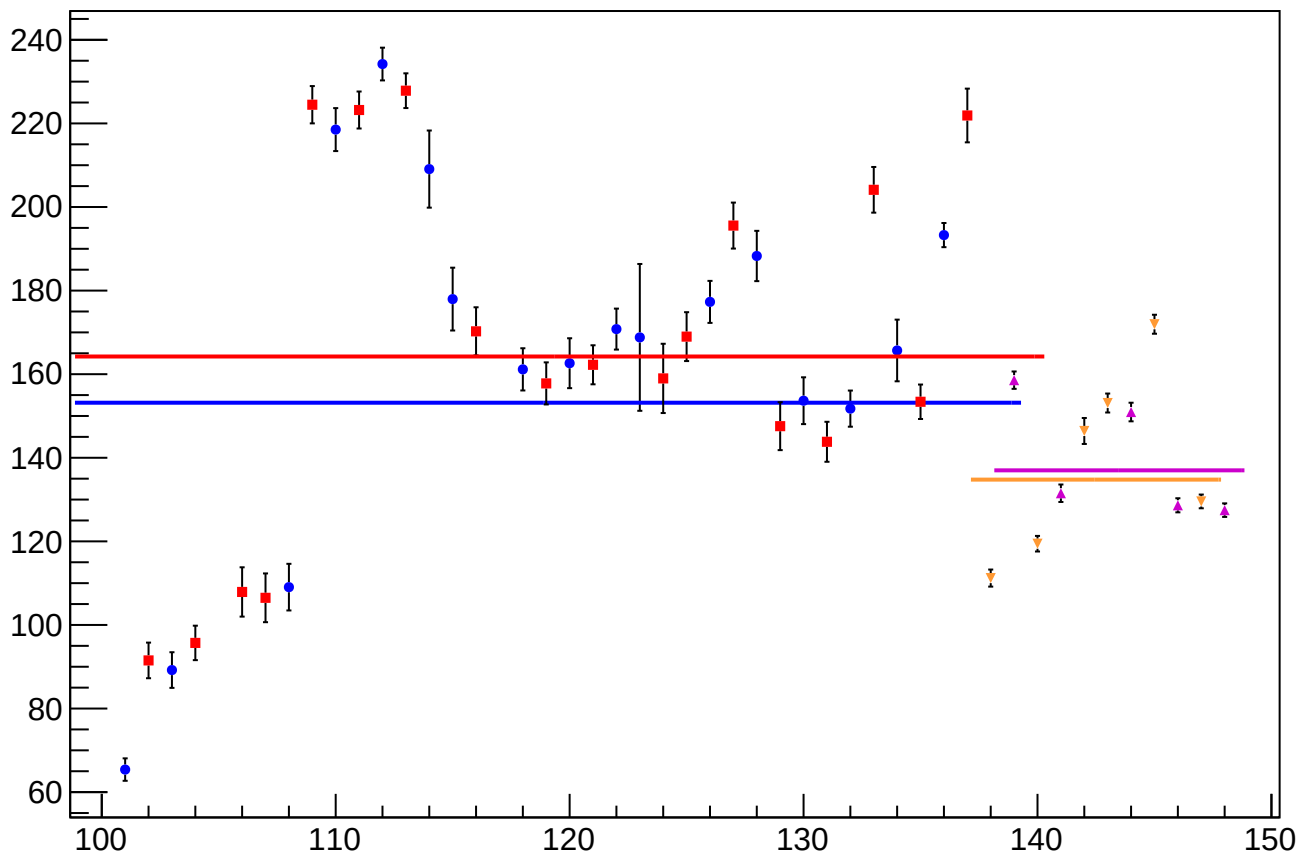
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 4.958 ± 0.408 χ^2/NDF : 412.4/21

Out: 5.306 ± 0.422 χ^2/NDF : 546.0/23

All: 5.126 ± 0.294 χ^2/NDF : 958.8/45

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 134.774 $\pm$ 0.848 χ^2 /NDF:558.0/5

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 136.993 $\pm$ 0.847 χ^2 /NDF:213.0/4

Left: 135.886 $\pm$ 0.599 χ^2 /NDF: 774.5/10

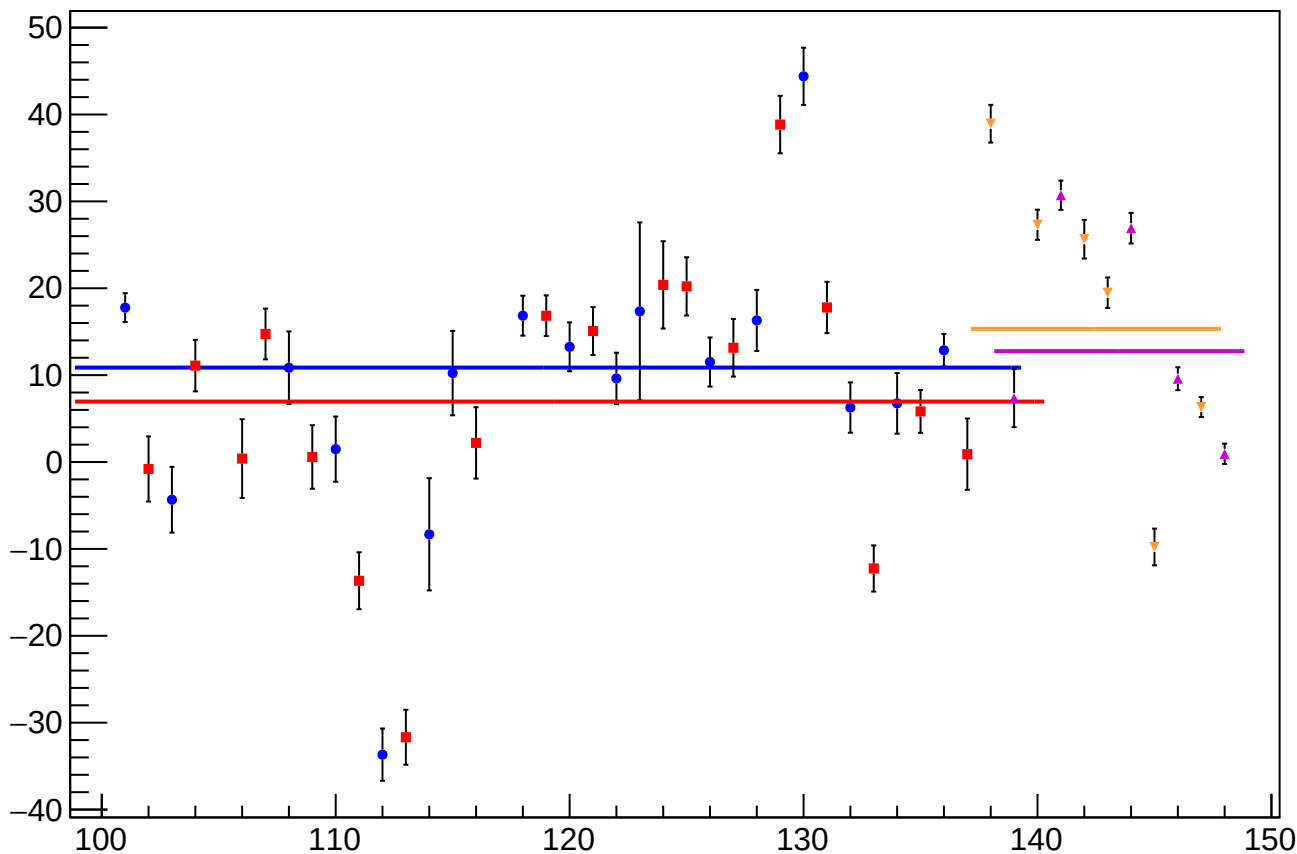
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 142.708 $\pm$ 0.681 χ^2 /NDF:2606.2/21

Out: 144.779 $\pm$ 0.690 χ^2 /NDF:2522.1/23

All: 143.731 $\pm$ 0.485 χ^2 /NDF: 5132.9/45

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.330 $\pm$ 0.698 χ^2 /NDF:395.7/5

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 12.763 $\pm$ 0.695 χ^2 /NDF:287.7/4

Left: 14.041 $\pm$ 0.493 χ^2 /NDF: 690.1/10

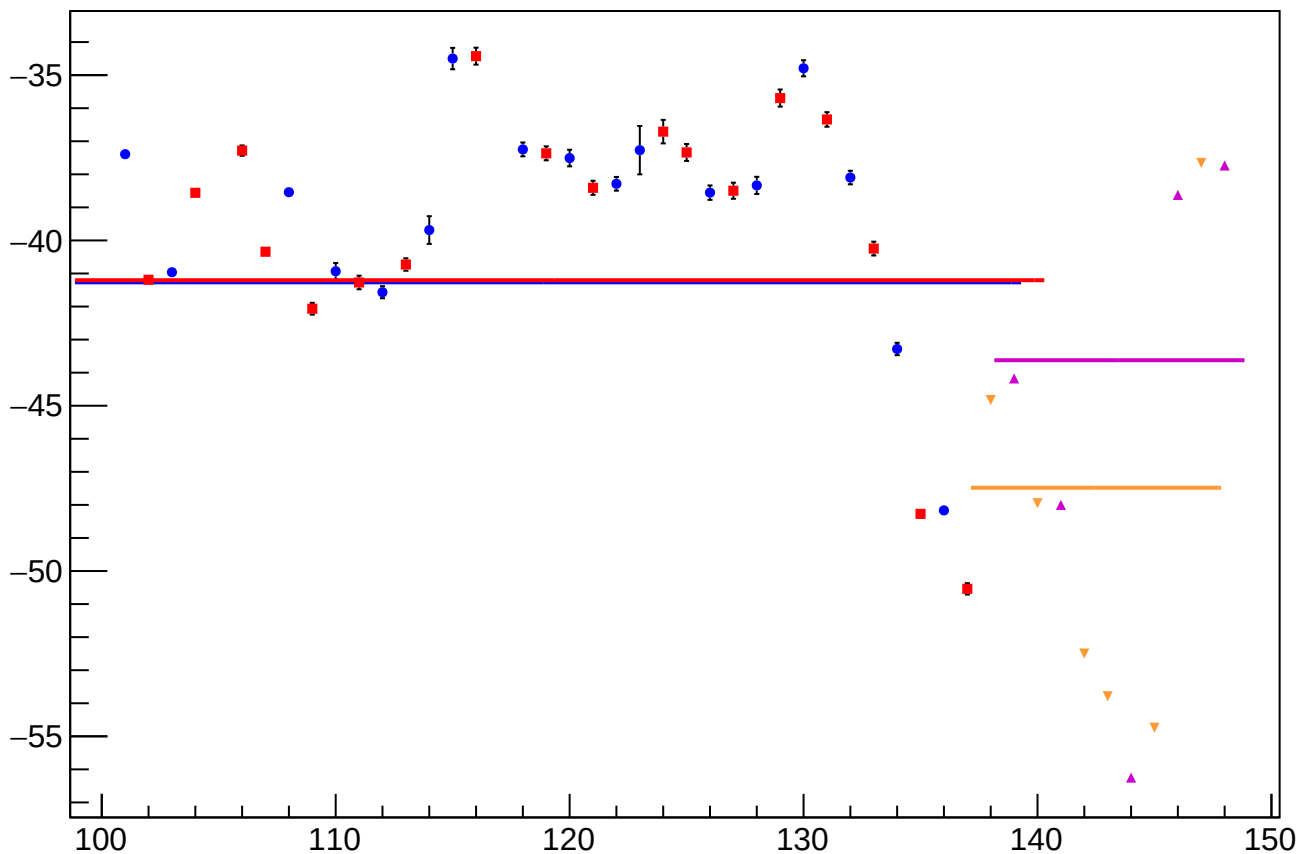
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 11.843 $\pm$ 0.498 χ^2 /NDF:678.0/21

Out: 11.438 $\pm$ 0.511 χ^2 /NDF:884.8/23

All: 11.646 $\pm$ 0.357 χ^2 /NDF: 1563.1/45

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -47.481 $\pm$ 0.036 χ^2 /NDF: 30181.4/5

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -43.624 $\pm$ 0.035 χ^2 /NDF: 30881.7/4

Left: -45.522 $\pm$ 0.025 χ^2 /NDF: 66949.3/10

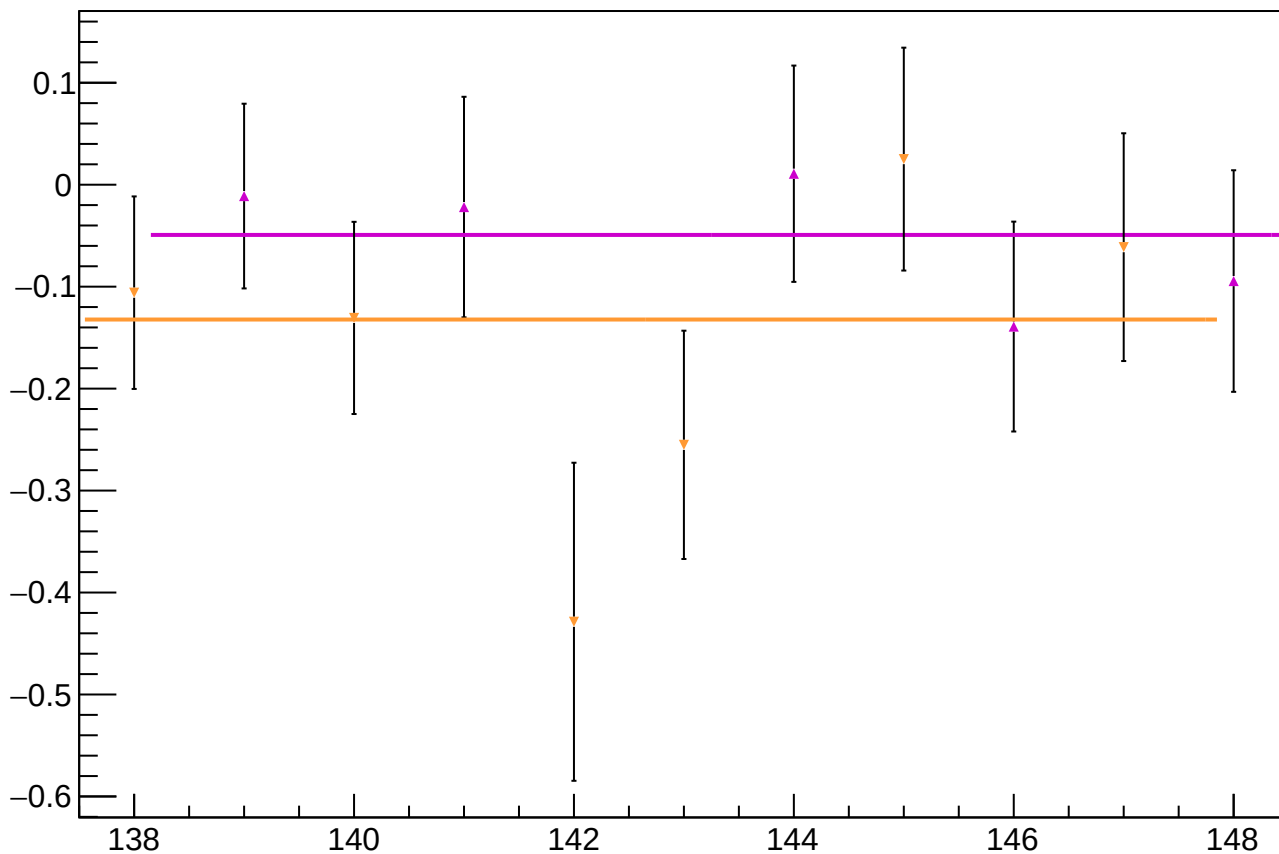
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -42.549 $\pm$ 0.026 χ^2 /NDF: 45499.7/21

Out: -44.596 $\pm$ 0.026 χ^2 /NDF: 56300.8/23

All: -43.560 $\pm$ 0.019 χ^2 /NDF: 104857.6/45

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.132+/-0.044 χ^2/NDF : 7.4/5

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: -0.092+/-0.032 χ^2/NDF : 10.6/10

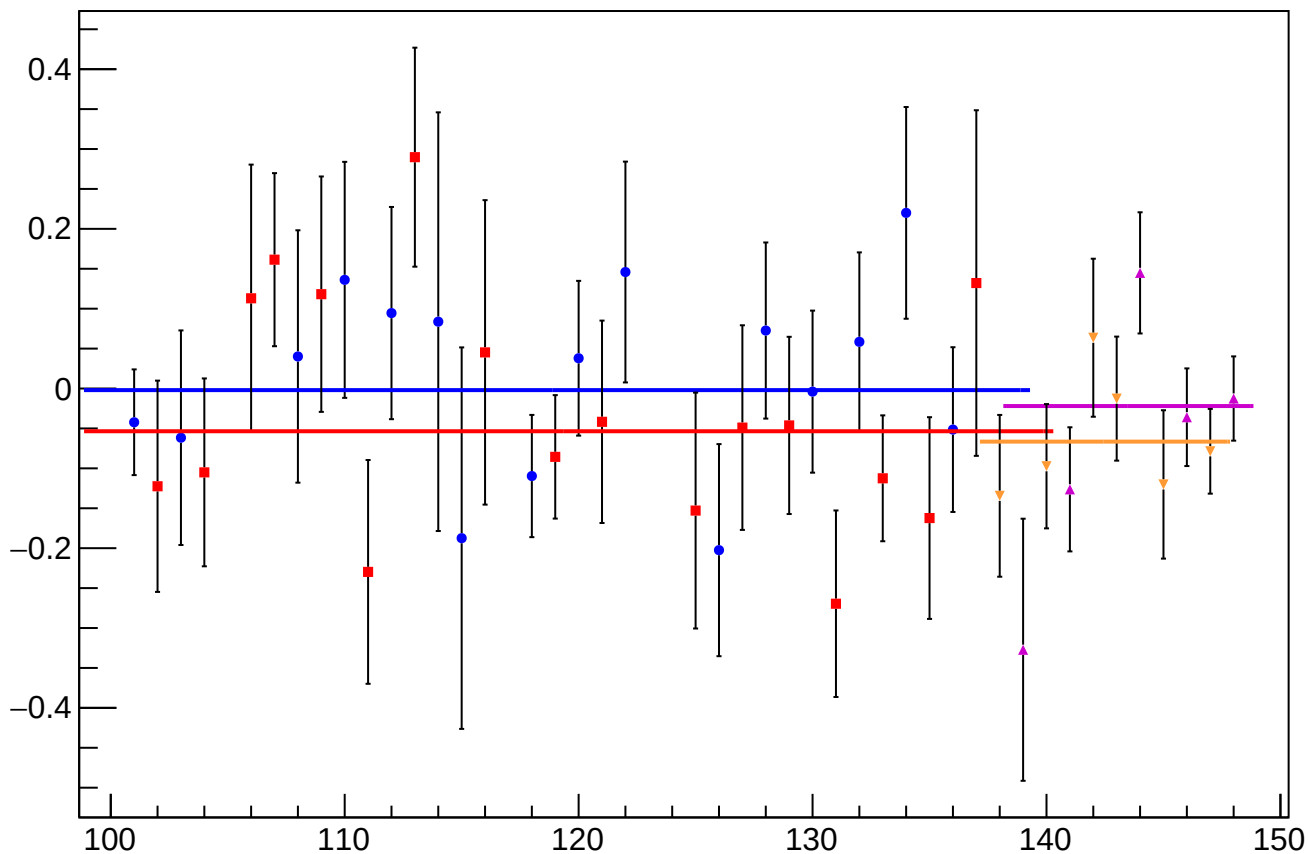
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.049+/-0.046 χ^2/NDF : 1.5/4

Out: -0.132+/-0.044 χ^2/NDF : 7.4/5

All: -0.092+/-0.032 χ^2/NDF : 10.6/10

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.067 ± 0.032 χ^2/NDF : 3.2/5

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.022 ± 0.032 χ^2/NDF : 10.2/4

Left: -0.044 ± 0.022 χ^2/NDF : 14.4/10

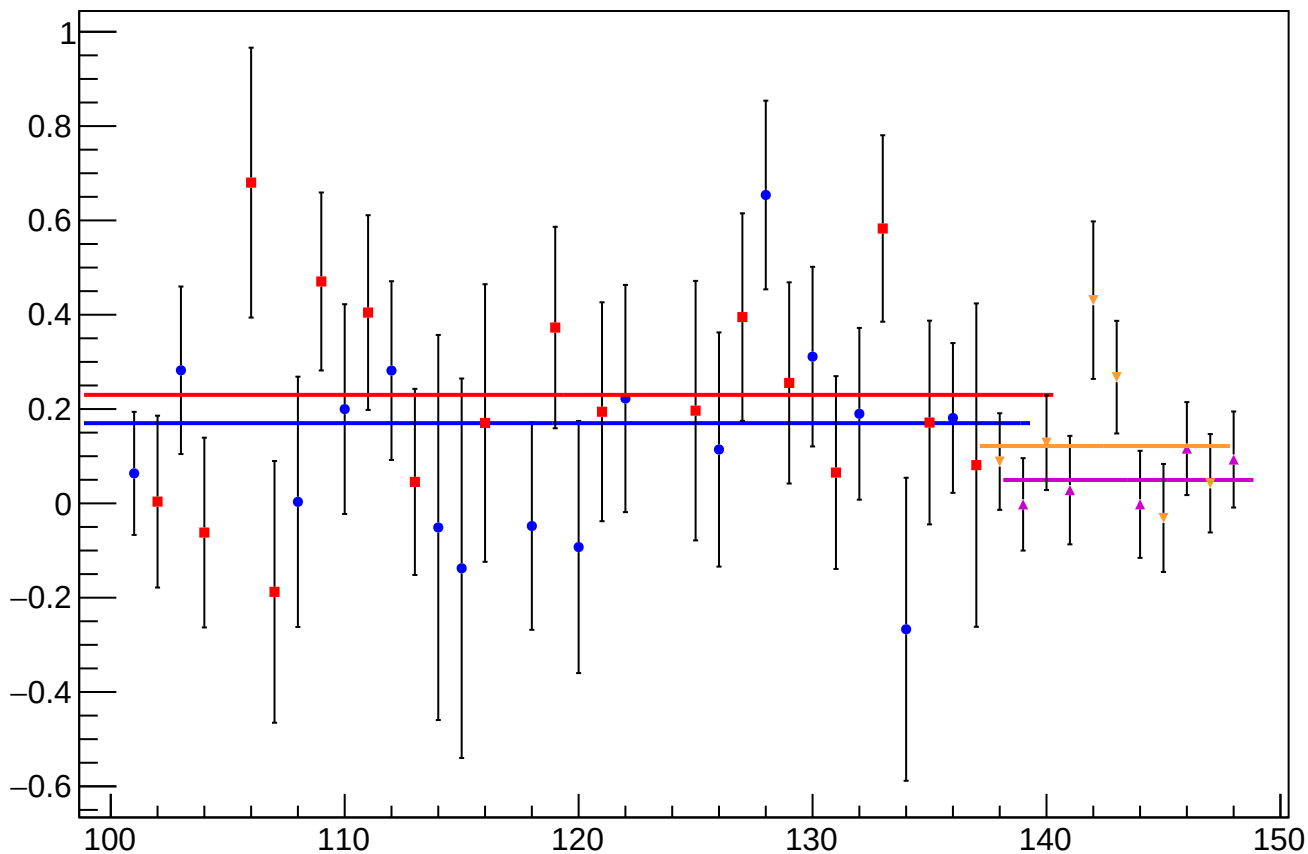
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.011 ± 0.021 χ^2/NDF : 22.5/20

Out: -0.060 ± 0.021 χ^2/NDF : 24.2/22

All: -0.035 ± 0.015 χ^2/NDF : 49.3/43

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.122 ± 0.046 $\chi^2/\text{NDF}: 7.4/5$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.050 ± 0.047 $\chi^2/\text{NDF}: 1.2/4$

Left: 0.086 ± 0.033 $\chi^2/\text{NDF}: 9.7/10$

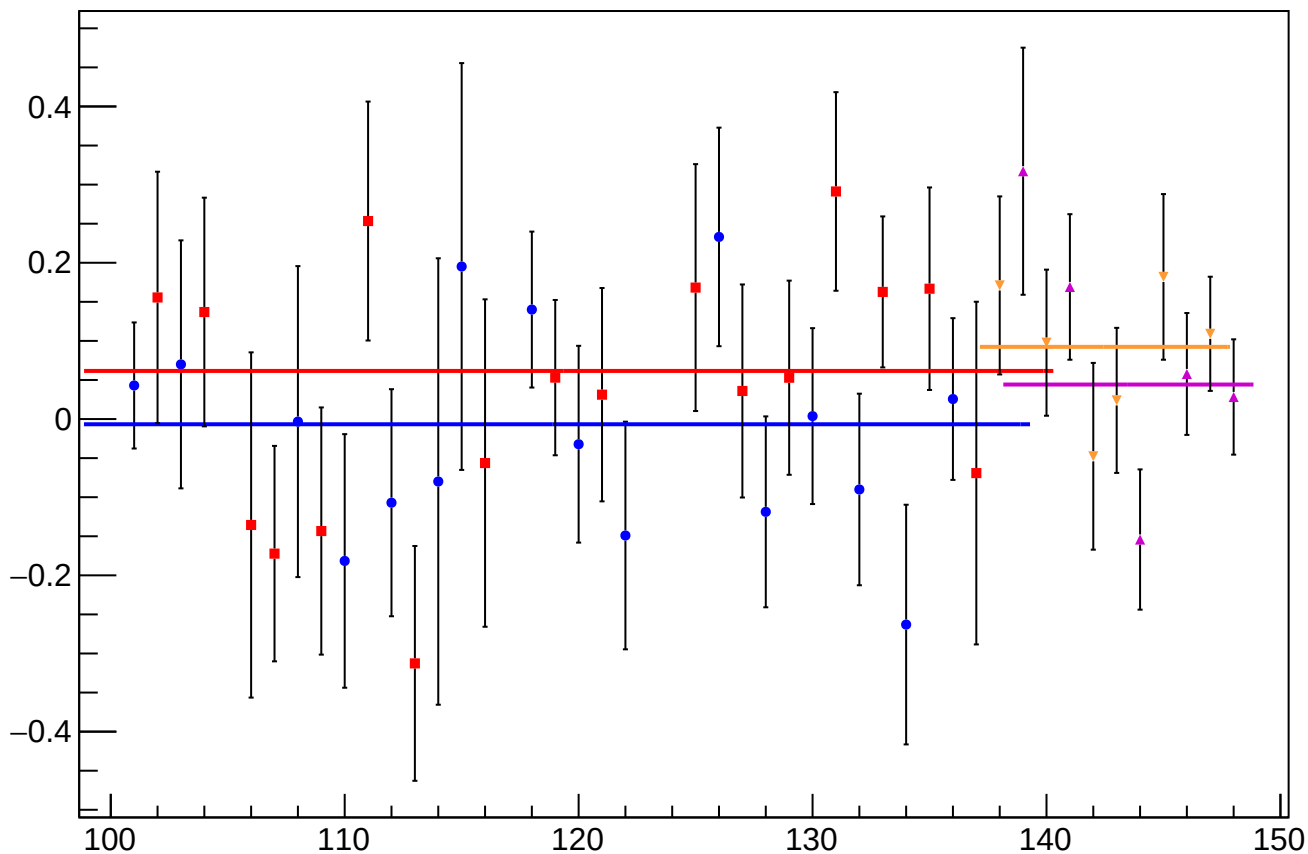
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.103 ± 0.035 $\chi^2/\text{NDF}: 17.1/20$

Out: 0.168 ± 0.035 $\chi^2/\text{NDF}: 26.5/22$

All: 0.135 ± 0.025 $\chi^2/\text{NDF}: 45.3/43$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.033 χ^2/NDF : 13.2/15

Left Out: 0.092 $\pm$ 0.039 χ^2/NDF : 3.2/5

Right Out: 0.062 $\pm$ 0.034 χ^2/NDF : 20.0/16

Left In: 0.044 $\pm$ 0.040 χ^2/NDF : 9.7/4

Left: 0.069 $\pm$ 0.028 χ^2/NDF : 13.6/10

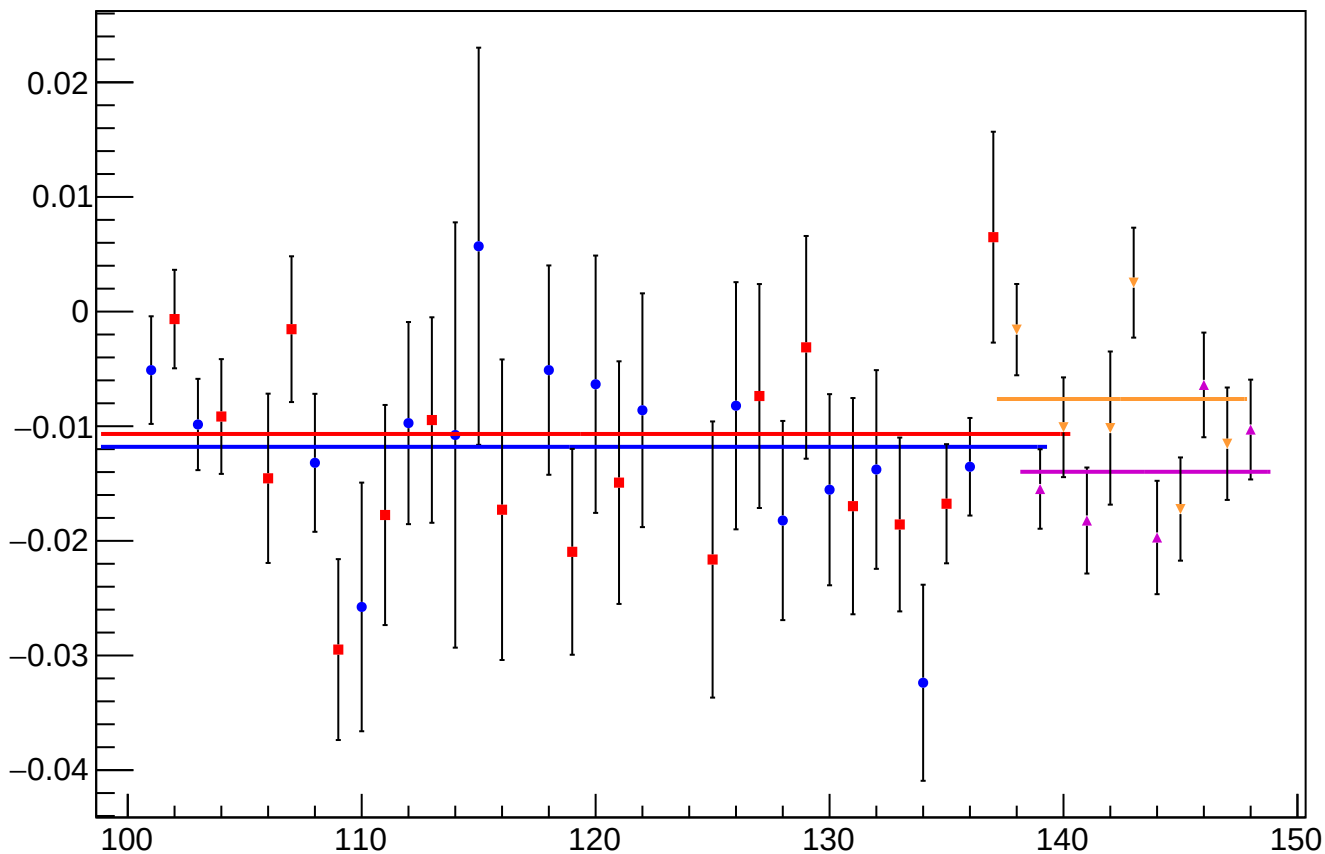
Right: 0.026 $\pm$ 0.023 χ^2/NDF : 35.3/32

In: 0.014 $\pm$ 0.025 χ^2/NDF : 23.9/20

Out: 0.075 $\pm$ 0.026 χ^2/NDF : 23.5/22

All: 0.044 $\pm$ 0.018 χ^2/NDF : 50.3/43

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.002 χ^2/NDF : 12.4/5

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.014 ± 0.002 χ^2/NDF : 5.8/4

Left: -0.011 ± 0.001 χ^2/NDF : 23.8/10

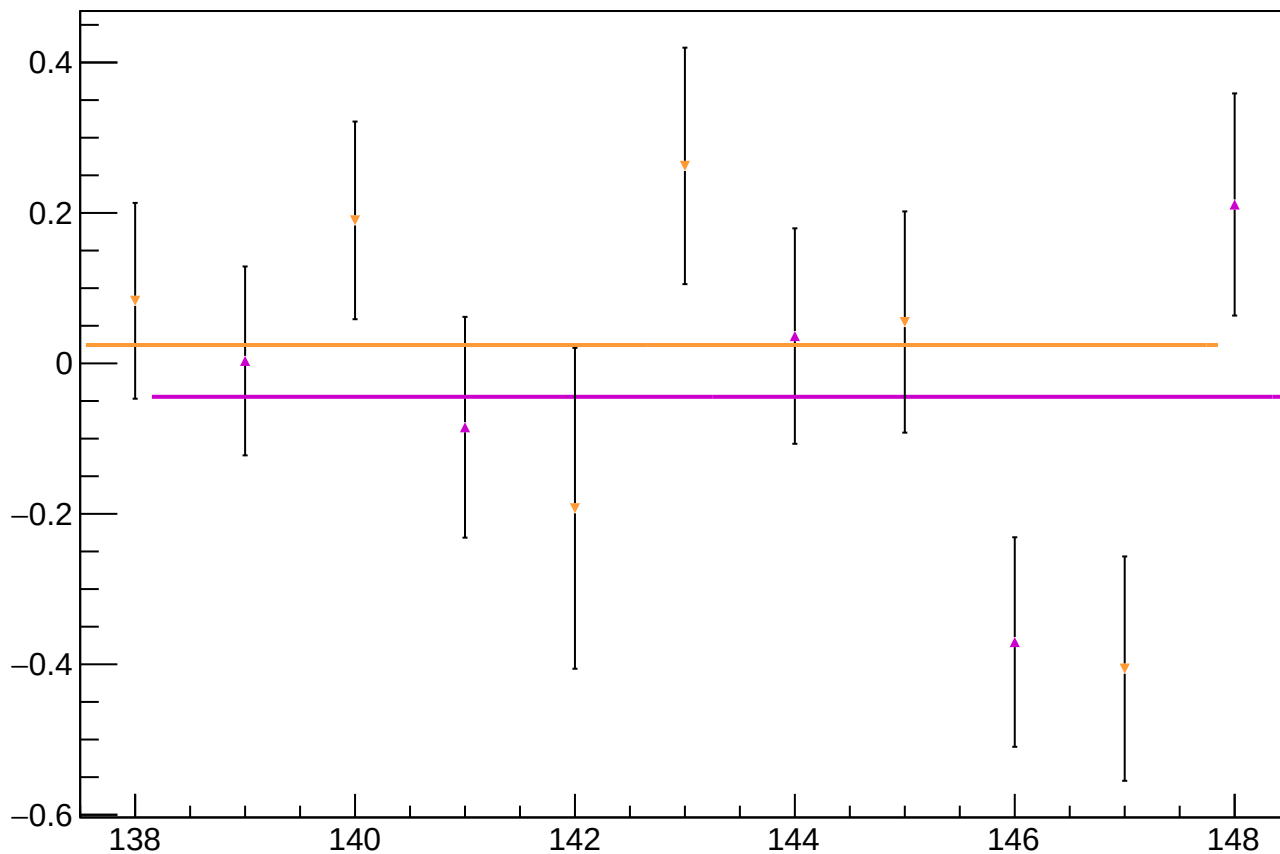
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.001 χ^2/NDF : 19.3/20

Out: -0.009 ± 0.001 χ^2/NDF : 37.6/22

All: -0.011 ± 0.001 χ^2/NDF : 60.6/43

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.024 $\pm$ 0.061 χ^2 /NDF:13.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.044 $\pm$ 0.062 χ^2 /NDF:9.0/4

Left: -0.009 $\pm$ 0.044 χ^2 /NDF: 23.1/10

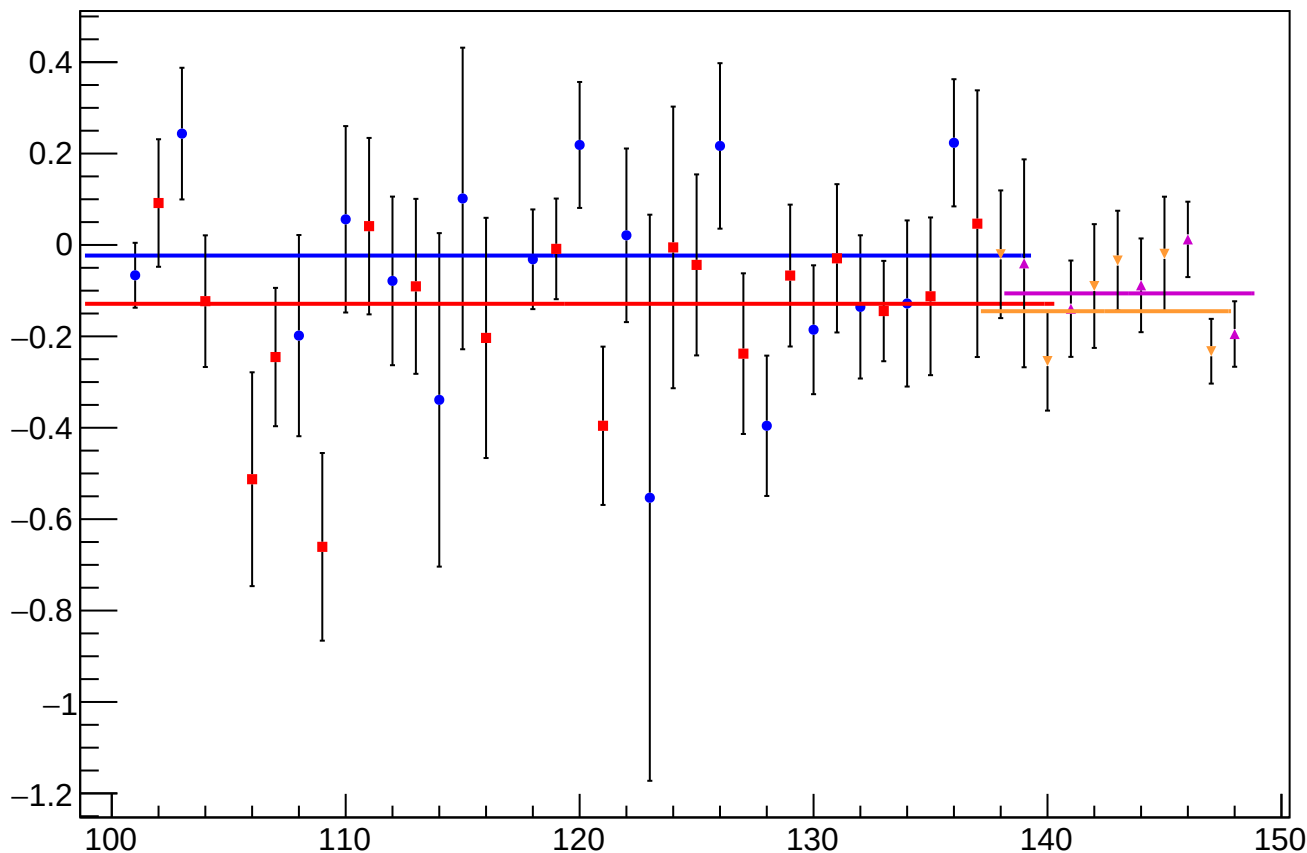
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.044 $\pm$ 0.062 χ^2 /NDF:9.0/4

Out: 0.024 $\pm$ 0.061 χ^2 /NDF:13.5/5

All: -0.009 $\pm$ 0.044 χ^2 /NDF: 23.1/10

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.145 ± 0.043 χ^2/NDF : 5.5/5

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.106 ± 0.043 χ^2/NDF : 3.8/4

Left: -0.125 ± 0.030 χ^2/NDF : 9.8/10

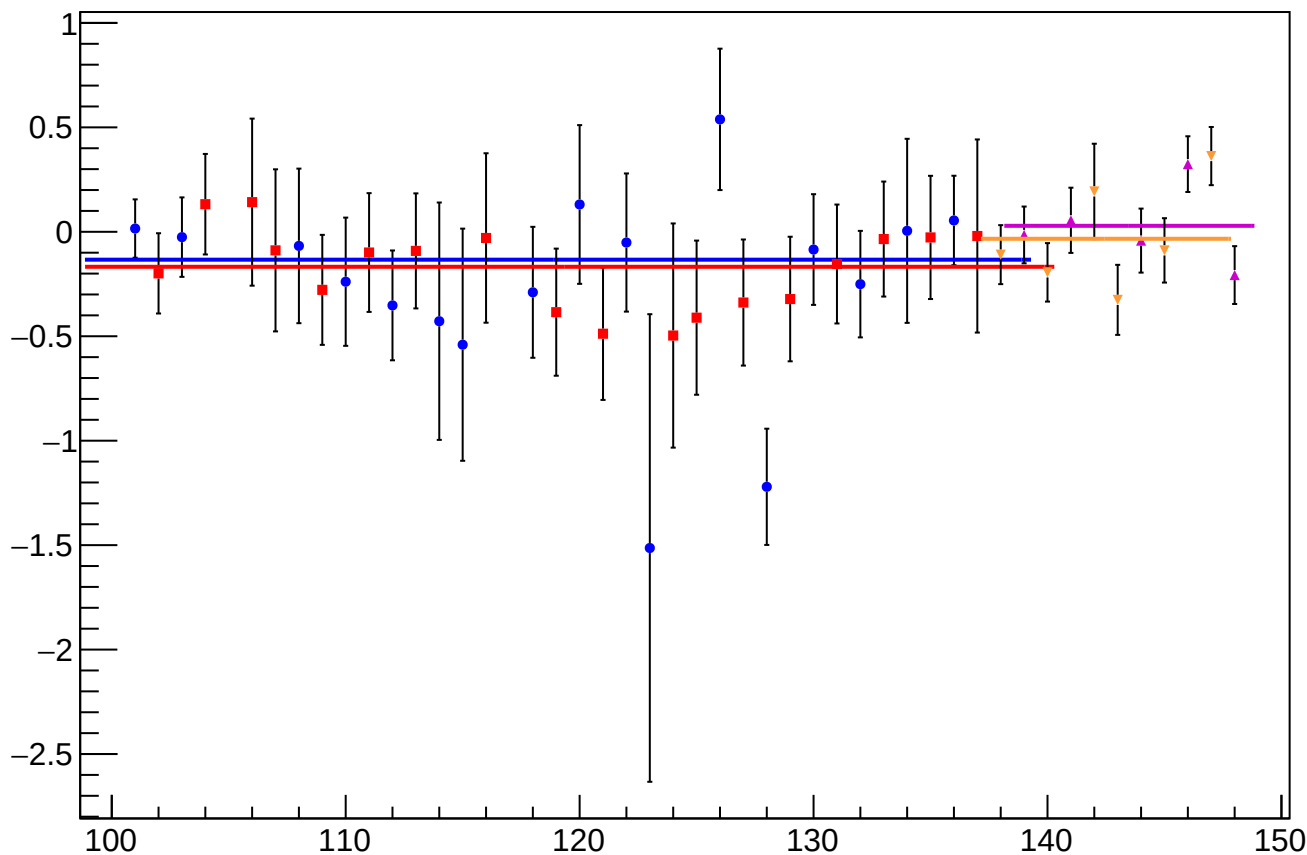
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.058 ± 0.028 χ^2/NDF : 28.4/21

Out: -0.136 ± 0.029 χ^2/NDF : 24.2/23

All: -0.095 ± 0.020 χ^2/NDF : 56.4/45

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: -0.033 ± 0.063 $\chi^2/\text{NDF}: 13.8/5$

Right Out: -0.167 ± 0.071 $\chi^2/\text{NDF}: 6.1/17$

Left In: 0.029 ± 0.064 $\chi^2/\text{NDF}: 8.2/4$

Left: -0.003 ± 0.045 $\chi^2/\text{NDF}: 22.5/10$

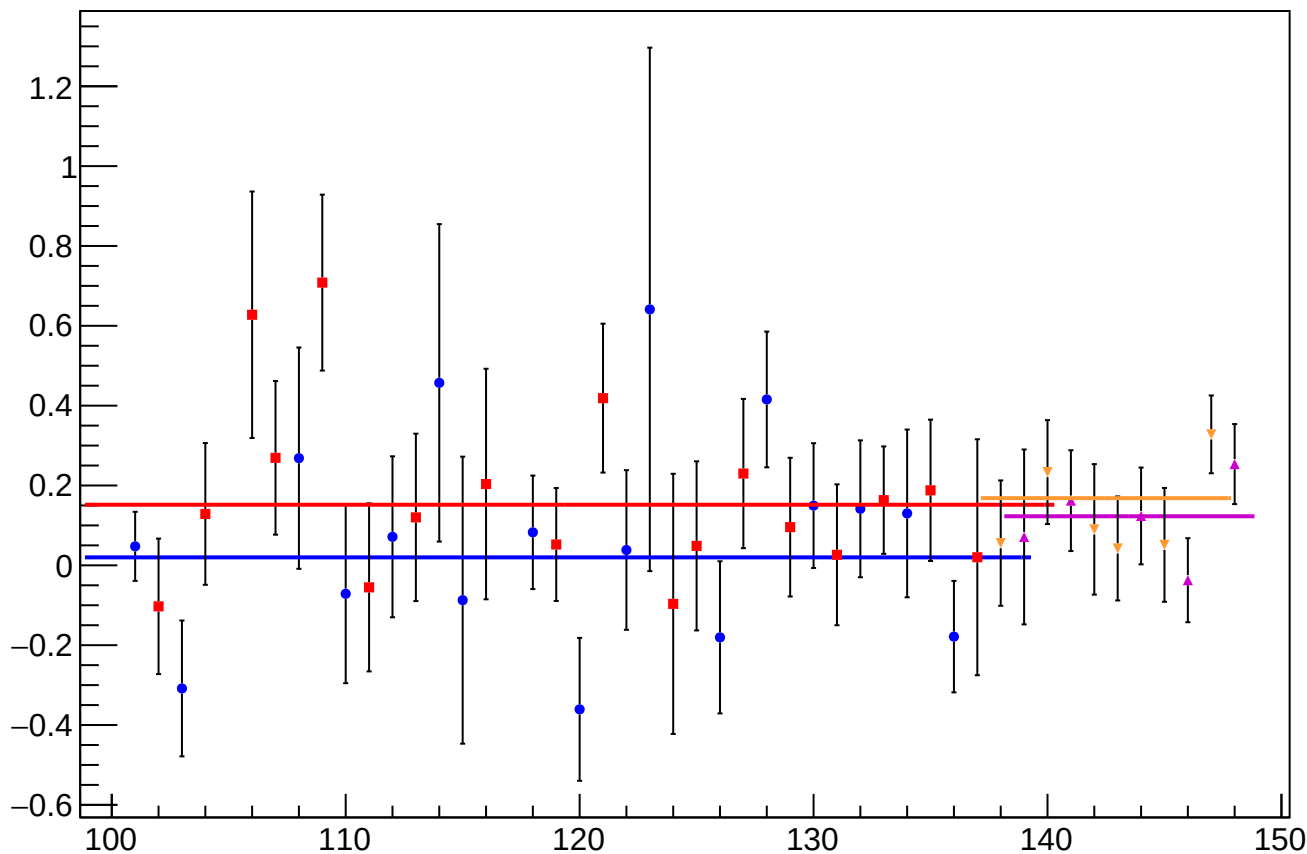
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 32.0/34$

In: -0.048 ± 0.046 $\chi^2/\text{NDF}: 37.0/21$

Out: -0.093 ± 0.047 $\chi^2/\text{NDF}: 22.0/23$

All: -0.070 ± 0.033 $\chi^2/\text{NDF}: 59.4/45$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.168 ± 0.053 $\chi^2/\text{NDF}: 5.3/5$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.123 ± 0.054 $\chi^2/\text{NDF}: 4.2/4$

Left: 0.146 ± 0.038 $\chi^2/\text{NDF}: 9.8/10$

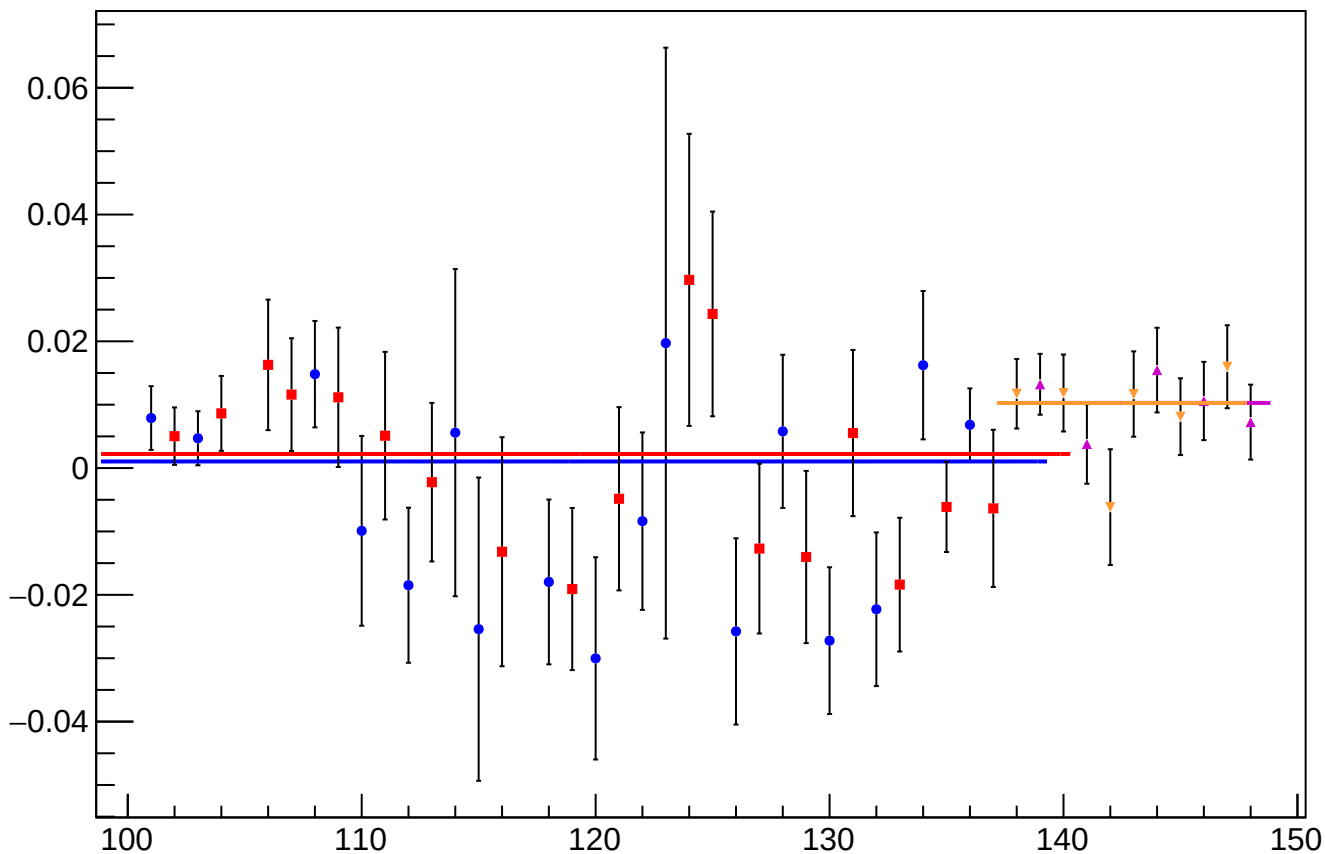
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.059 ± 0.033 $\chi^2/\text{NDF}: 28.2/21$

Out: 0.159 ± 0.035 $\chi^2/\text{NDF}: 22.2/23$

All: 0.107 ± 0.024 $\chi^2/\text{NDF}: 54.7/45$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 ± 0.002 χ^2/NDF : 32.0/16

Left Out: 0.010 ± 0.003 χ^2/NDF : 4.3/5

Right Out: 0.002 ± 0.002 χ^2/NDF : 20.8/17

Left In: 0.010 ± 0.003 χ^2/NDF : 2.3/4

Left: 0.010 ± 0.002 χ^2/NDF : 6.6/10

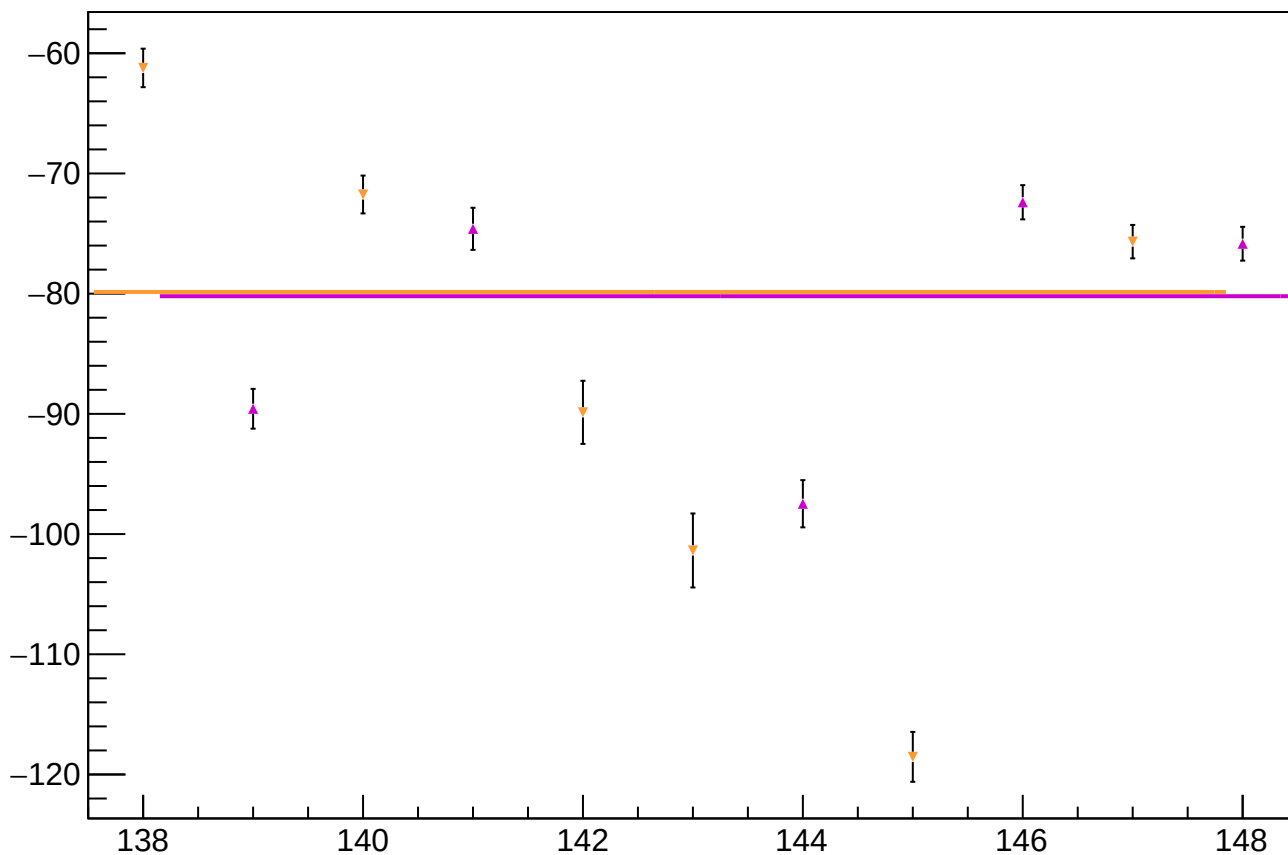
Right: 0.002 ± 0.002 χ^2/NDF : 53.0/34

In: 0.005 ± 0.002 χ^2/NDF : 41.6/21

Out: 0.006 ± 0.002 χ^2/NDF : 30.5/23

All: 0.005 ± 0.001 χ^2/NDF : 72.1/45

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -79.859+/-0.747 χ^2/NDF :581.6/5

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: -80.043+/-0.517 χ^2/NDF : 741.1/10

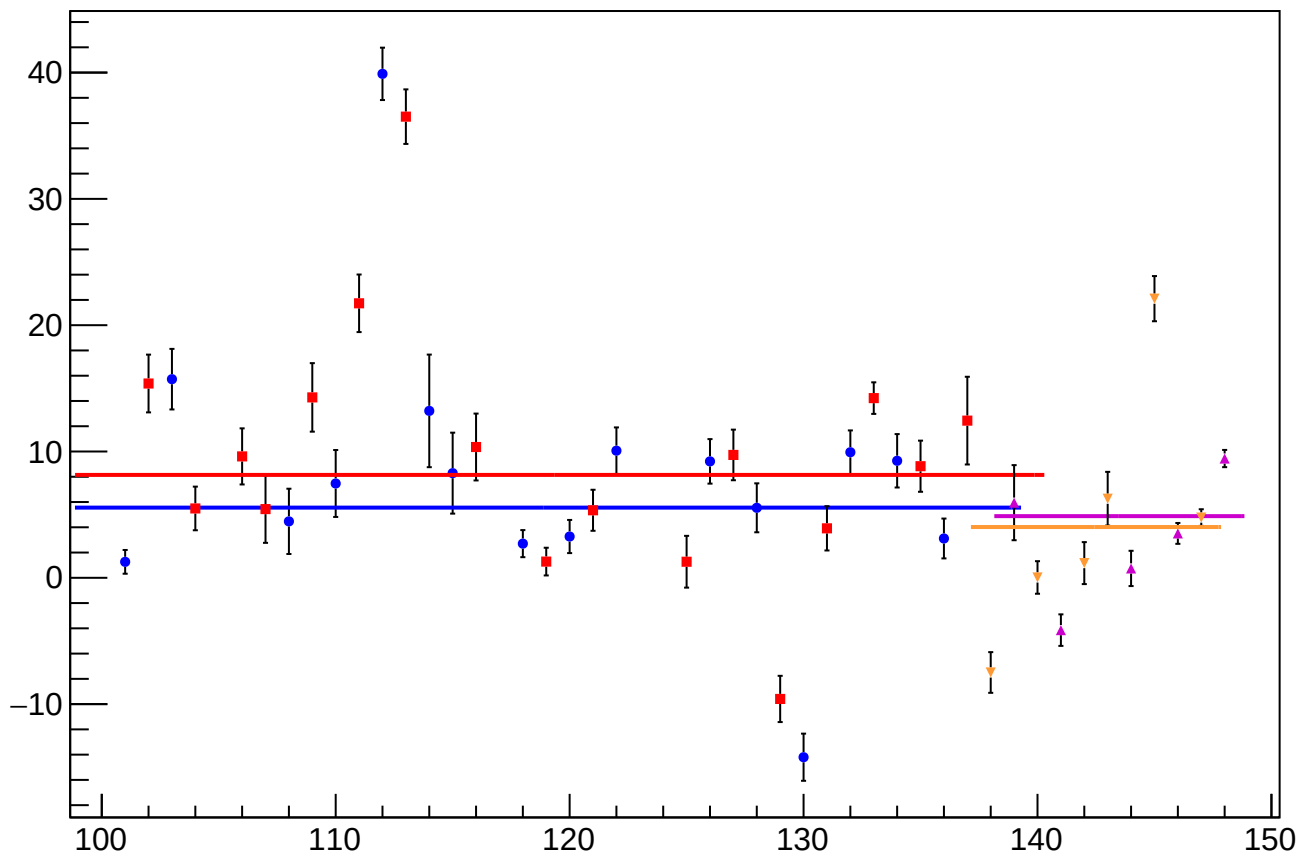
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.213+/-0.716 χ^2/NDF :159.4/4

Out: -79.859+/-0.747 χ^2/NDF :581.6/5

All: -80.043+/-0.517 χ^2/NDF : 741.1/10

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 χ^2/NDF : 462.0/15

Left Out: 4.020 ± 0.489 χ^2/NDF : 168.3/5

Right Out: 8.146 ± 0.454 χ^2/NDF : 406.8/16

Left In: 4.883 ± 0.452 χ^2/NDF : 108.6/4

Left: 4.485 ± 0.332 χ^2/NDF : 278.6/10

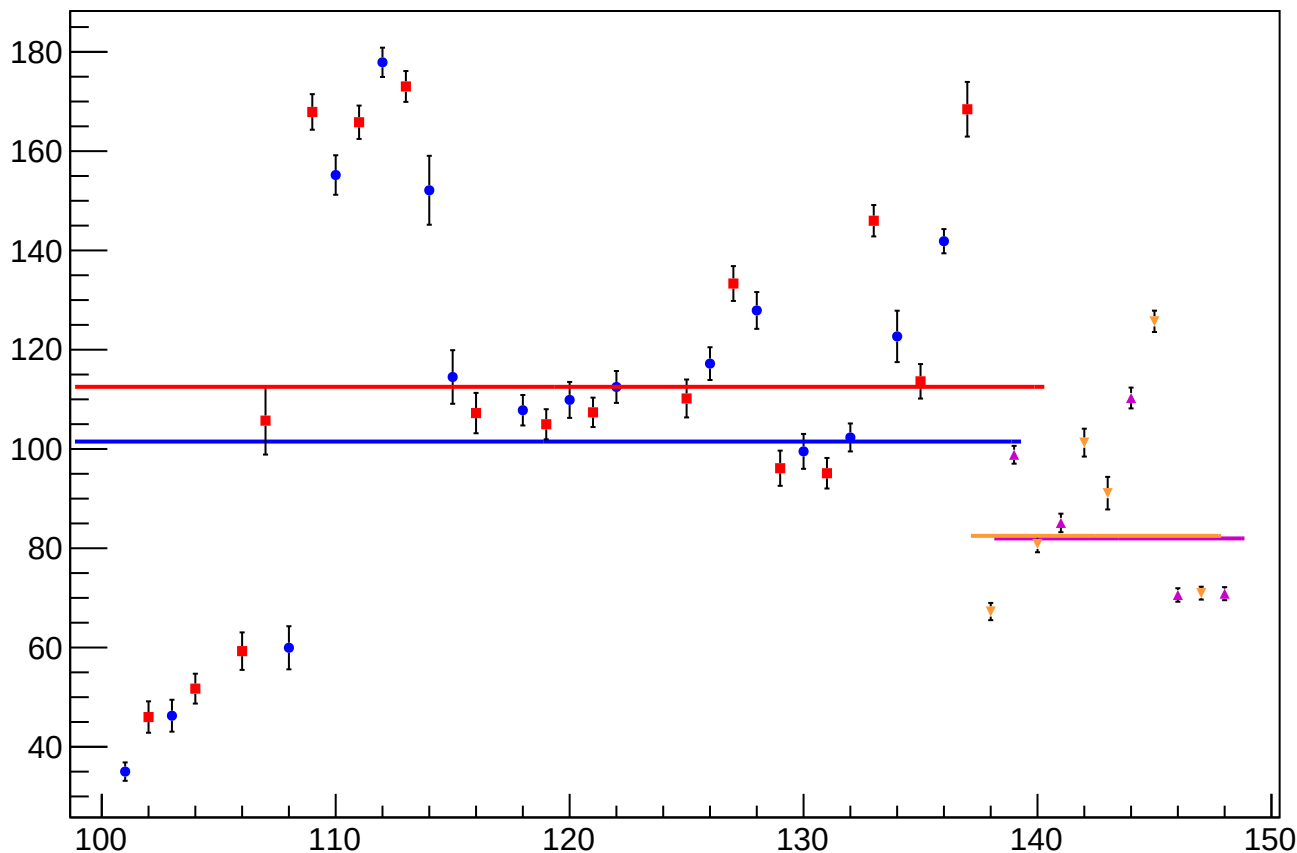
Right: 6.763 ± 0.310 χ^2/NDF : 886.1/32

In: 5.242 ± 0.309 χ^2/NDF : 571.8/20

Out: 6.234 ± 0.333 χ^2/NDF : 613.3/22

All: 5.702 ± 0.227 χ^2/NDF : 1189.8/43

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 82.501 $\pm$ 0.763 χ^2 /NDF:611.0/5

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 81.980 $\pm$ 0.717 χ^2 /NDF:414.1/4

Left: 82.224 $\pm$ 0.523 χ^2 /NDF: 1025.4/10

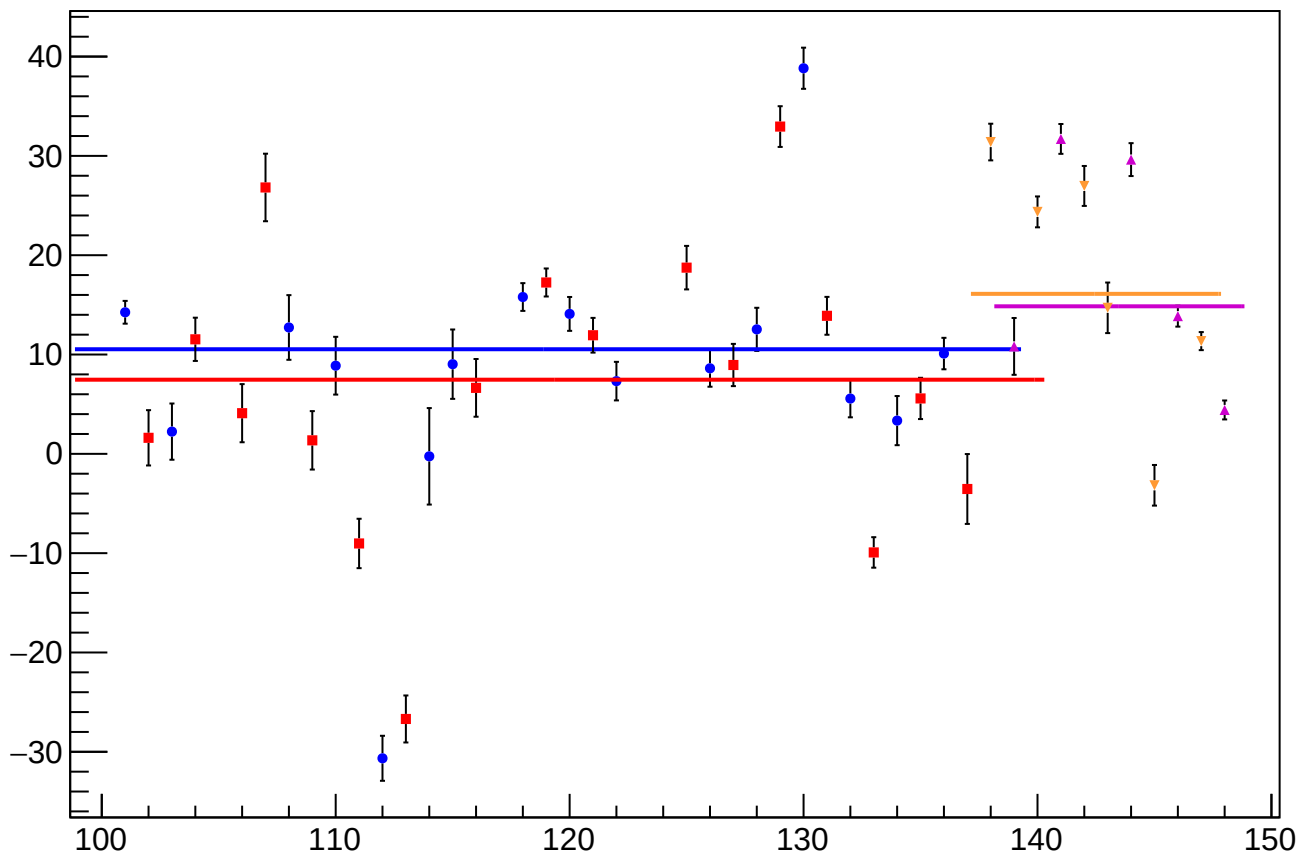
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 90.580 $\pm$ 0.537 χ^2 /NDF:3713.2/20

Out: 96.024 $\pm$ 0.566 χ^2 /NDF:3544.5/22

All: 93.157 $\pm$ 0.389 χ^2 /NDF: 7306.5/43

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 16.109 $\pm$ 0.625 χ^2 /NDF: 242.4/5

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 14.855 $\pm$ 0.585 χ^2 /NDF: 327.9/4

Left: 15.440 $\pm$ 0.427 χ^2 /NDF: 572.5/10

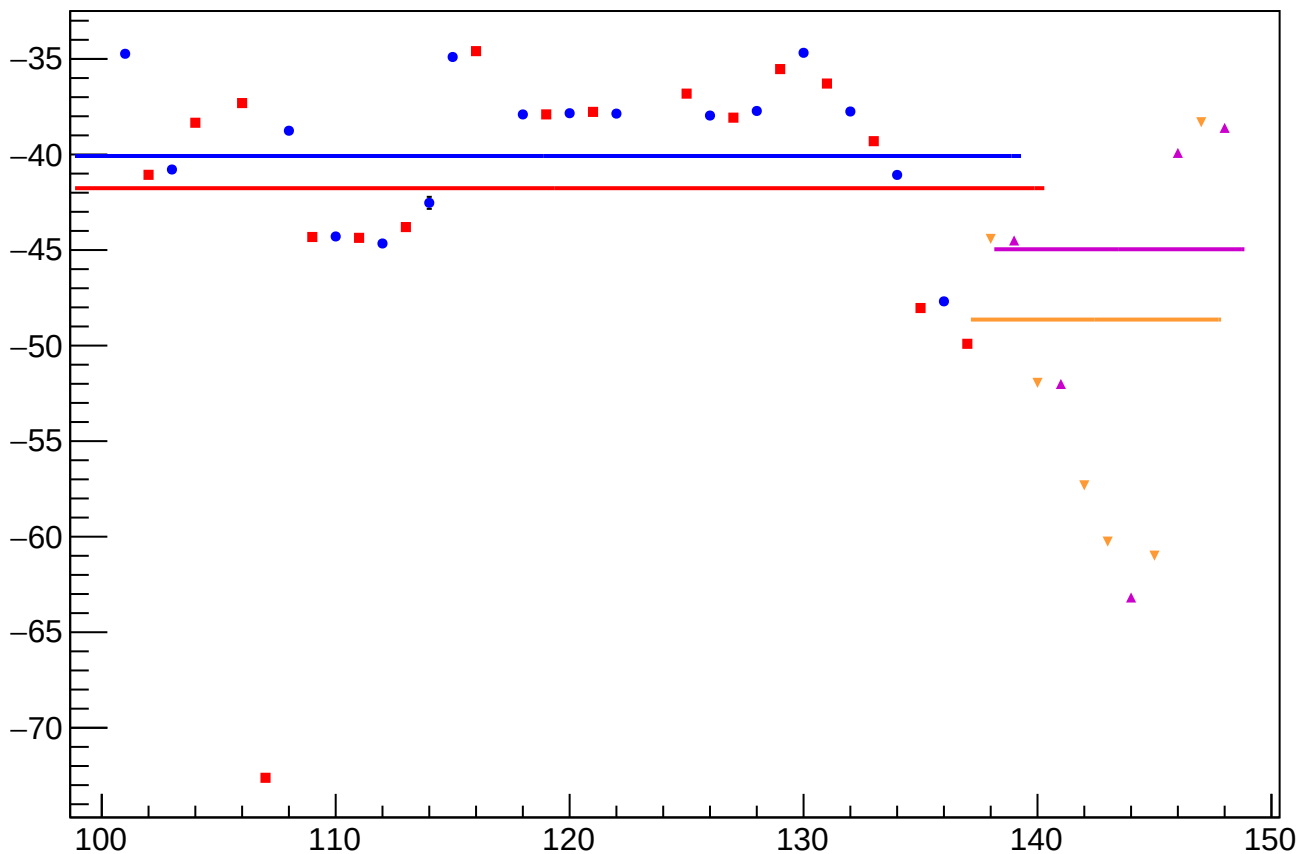
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.327 $\pm$ 0.377 χ^2 /NDF: 940.2/20

Out: 11.041 $\pm$ 0.402 χ^2 /NDF: 1039.4/22

All: 11.725 $\pm$ 0.275 χ^2 /NDF: 1985.1/43

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079+/-0.028 χ^2/NDF : 25147.0/15

Left Out: -48.639+/-0.033 χ^2/NDF : 68950.4/5

Right Out: -41.764+/-0.029 χ^2/NDF : 60249.3/16

Left In: -44.959+/-0.030 χ^2/NDF : 67079.3/4

Left: -46.642+/-0.022 χ^2/NDF : 142927.6/10

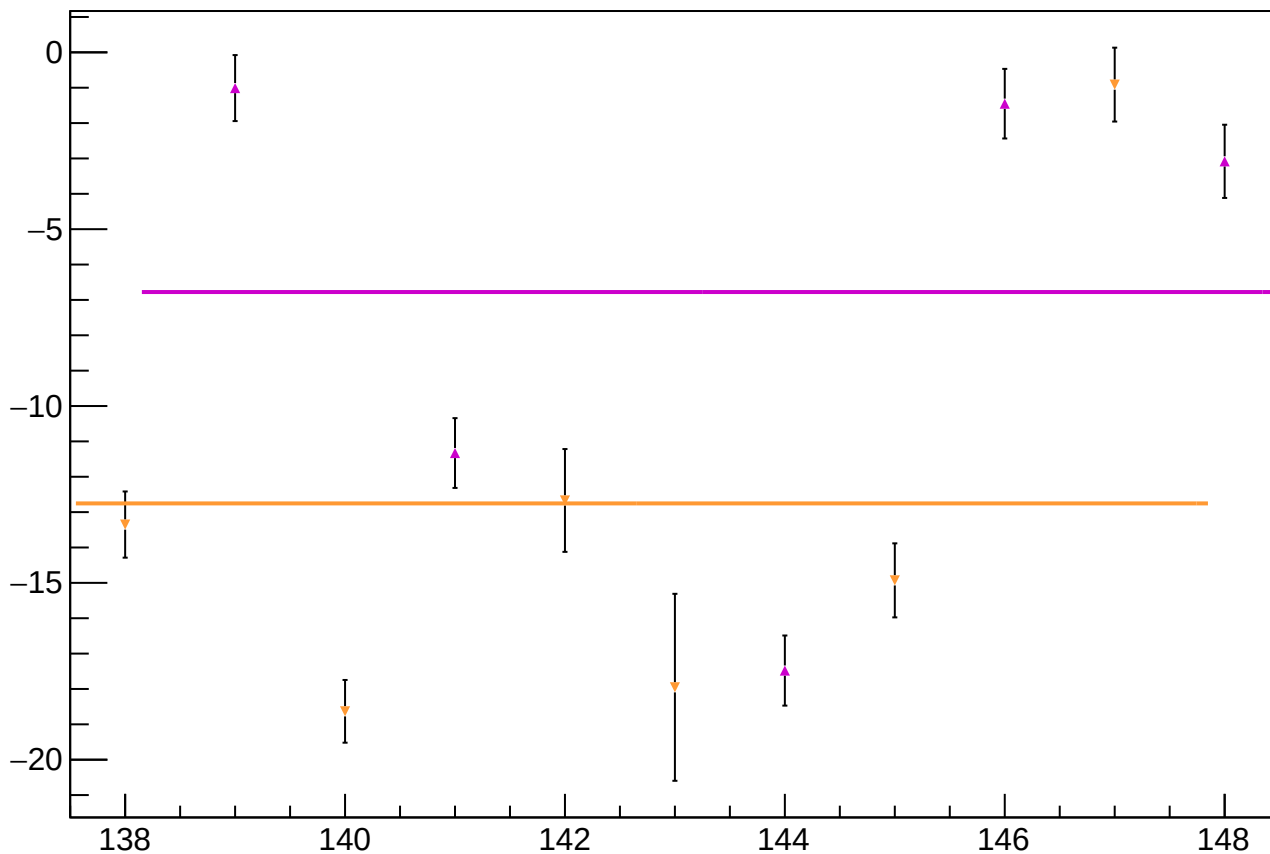
Right: -40.903+/-0.020 χ^2/NDF : 87139.1/32

In: -42.374+/-0.021 χ^2/NDF : 106289.4/20

Out: -44.779+/-0.022 χ^2/NDF : 154111.5/22

All: -43.515+/-0.015 χ^2/NDF : 266909.4/43

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -12.753 $\pm$ 0.454 χ^2 /NDF:181.1/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -6.777 $\pm$ 0.440 χ^2 /NDF:218.1/4

Left: -9.676 $\pm$ 0.316 χ^2 /NDF: 488.6/10

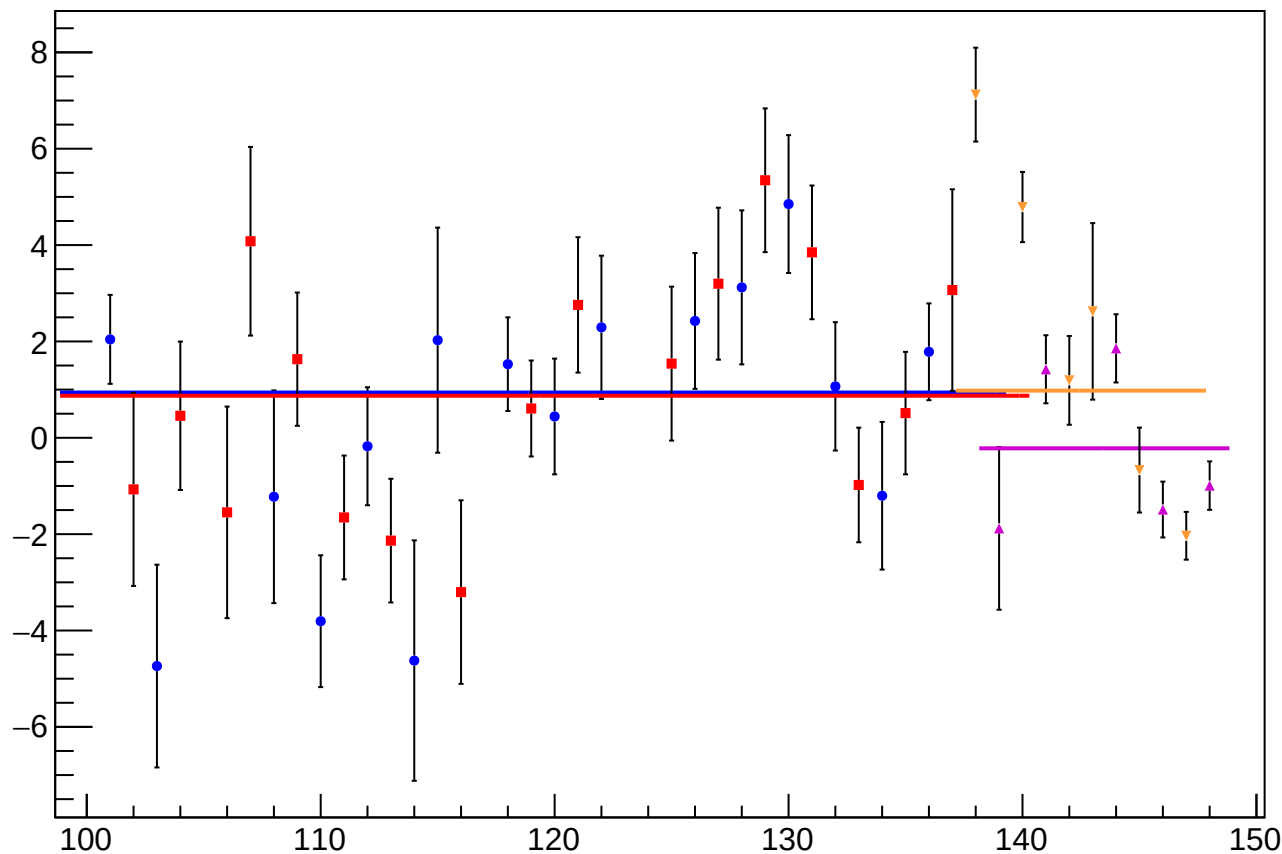
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.777 $\pm$ 0.440 χ^2 /NDF:218.1/4

Out: -12.753 $\pm$ 0.454 χ^2 /NDF:181.1/5

All: -9.676 $\pm$ 0.316 χ^2 /NDF: 488.6/10

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: 0.979 ± 0.320 χ^2/NDF : 108.4/5

Right Out: 0.873 ± 0.354 χ^2/NDF : 40.6/16

Left In: -0.218 ± 0.298 χ^2/NDF : 22.1/4

Left: 0.338 ± 0.218 χ^2/NDF : 138.0/10

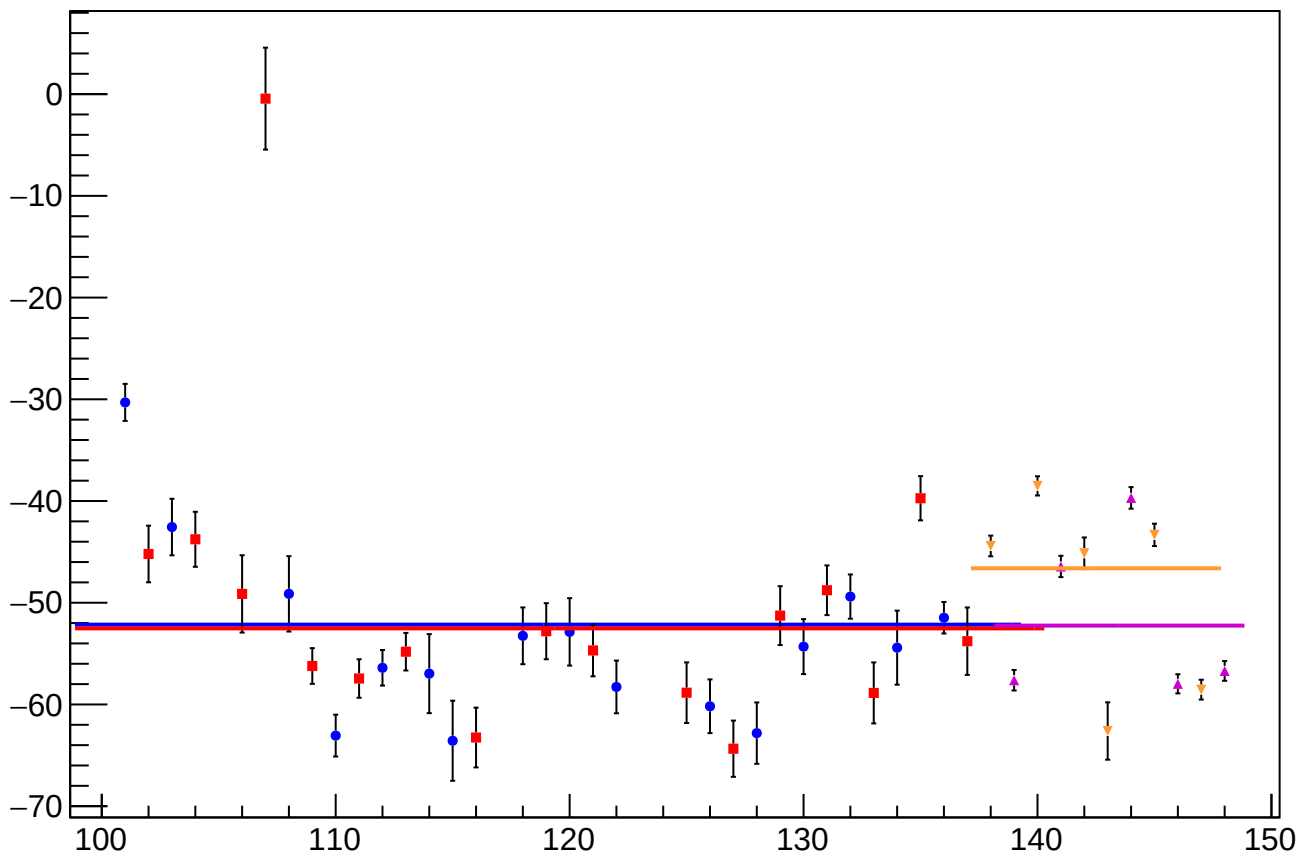
Right: 0.908 ± 0.245 χ^2/NDF : 82.8/32

In: 0.286 ± 0.224 χ^2/NDF : 70.9/20

Out: 0.932 ± 0.237 χ^2/NDF : 149.0/22

All: 0.590 ± 0.163 χ^2/NDF : 223.8/43

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.615 ± 0.471 χ^2/NDF : 269.9/5

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.247 ± 0.449 χ^2/NDF : 257.3/4

Left: -49.567 ± 0.325 χ^2/NDF : 602.2/10

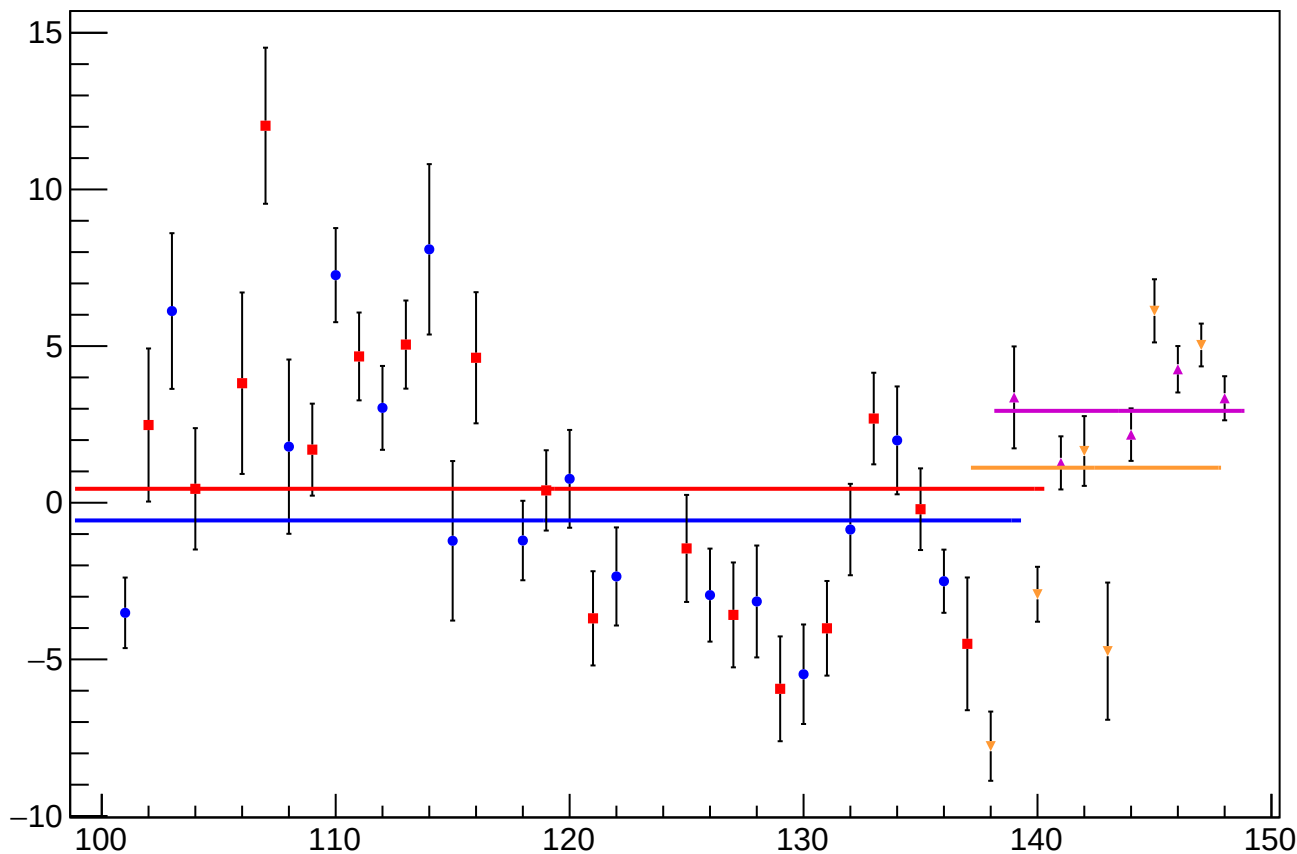
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.215 ± 0.362 χ^2/NDF : 488.4/20

Out: -48.785 ± 0.375 χ^2/NDF : 545.4/22

All: -50.558 ± 0.260 χ^2/NDF : 1077.2/43

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.118 ± 0.400 χ^2/NDF : 150.9/5

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 2.933 ± 0.377 χ^2/NDF : 8.3/4

Left: 2.078 ± 0.274 χ^2/NDF : 170.1/10

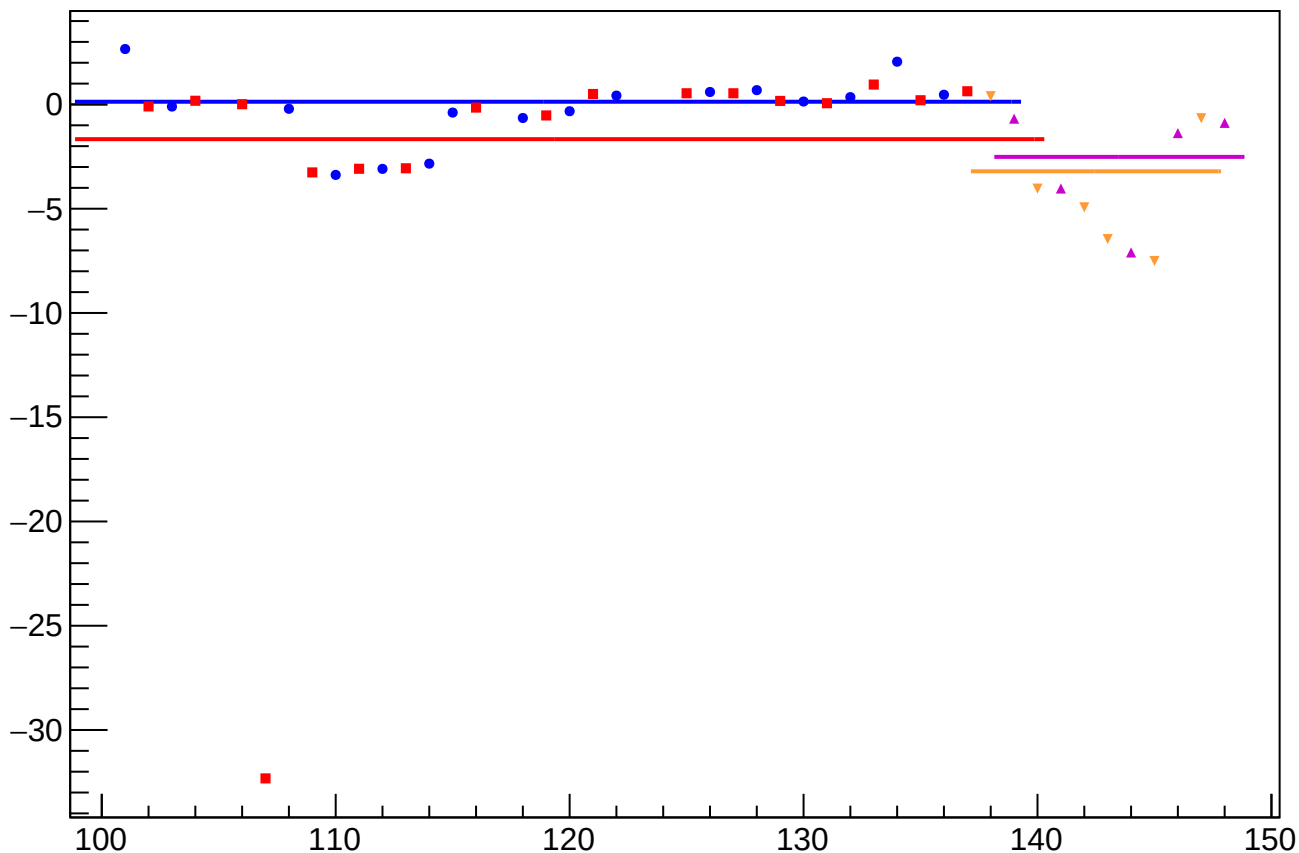
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.218 ± 0.269 χ^2/NDF : 132.3/20

Out: 0.782 ± 0.283 χ^2/NDF : 246.4/22

All: 1.011 ± 0.195 χ^2/NDF : 380.0/43

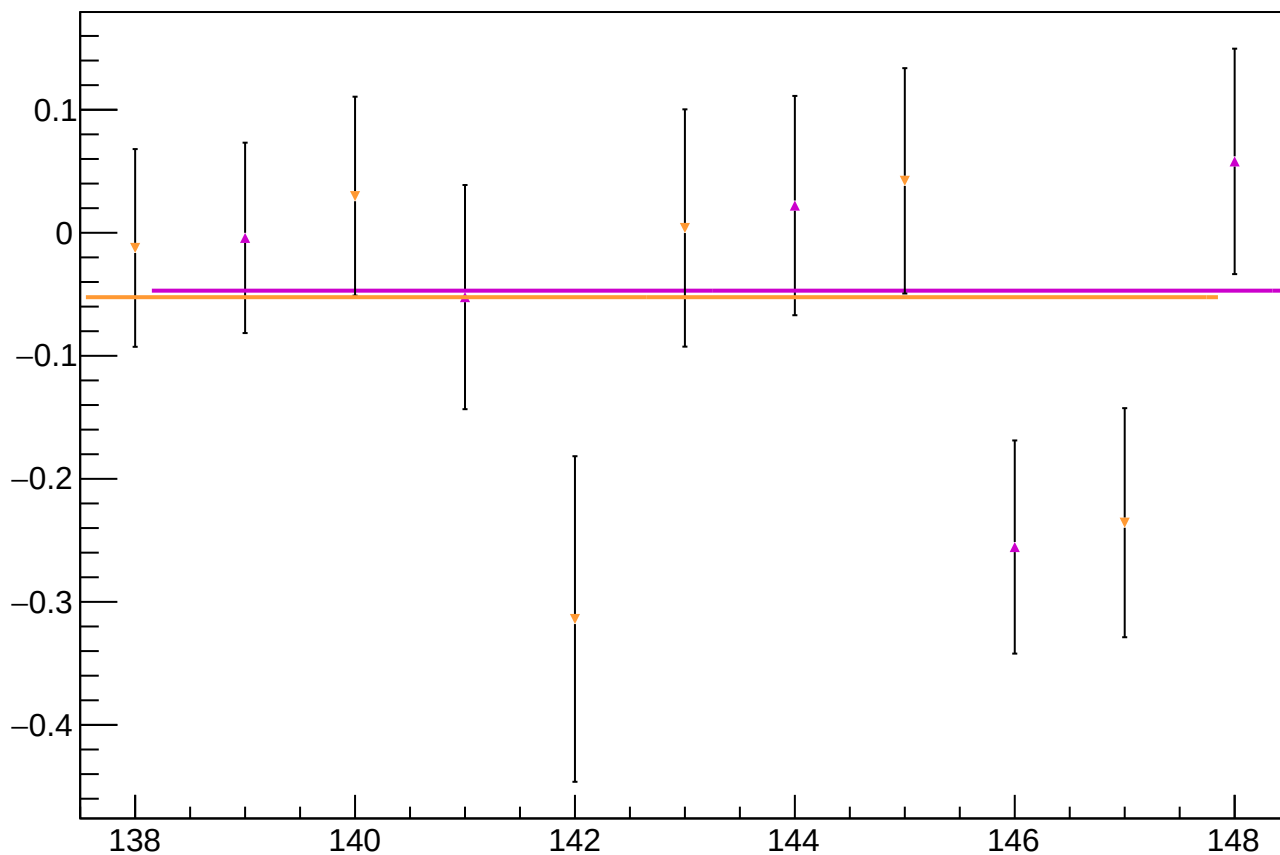
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -3.206 ± 0.020 $\chi^2/\text{NDF}: 23218.6/5$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -2.514 ± 0.019 $\chi^2/\text{NDF}: 15945.1/4$

Left: -2.839 ± 0.013 $\chi^2/\text{NDF}: 39819.3/10$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.389 ± 0.014 $\chi^2/\text{NDF}: 29858.6/20$
 Out: -2.516 ± 0.015 $\chi^2/\text{NDF}: 103561.3/22$
 All: -1.929 ± 0.010 $\chi^2/\text{NDF}: 136507.9/43$

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: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

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: -0.050 $\pm$ 0.027 χ^2 /NDF: 18.5/10

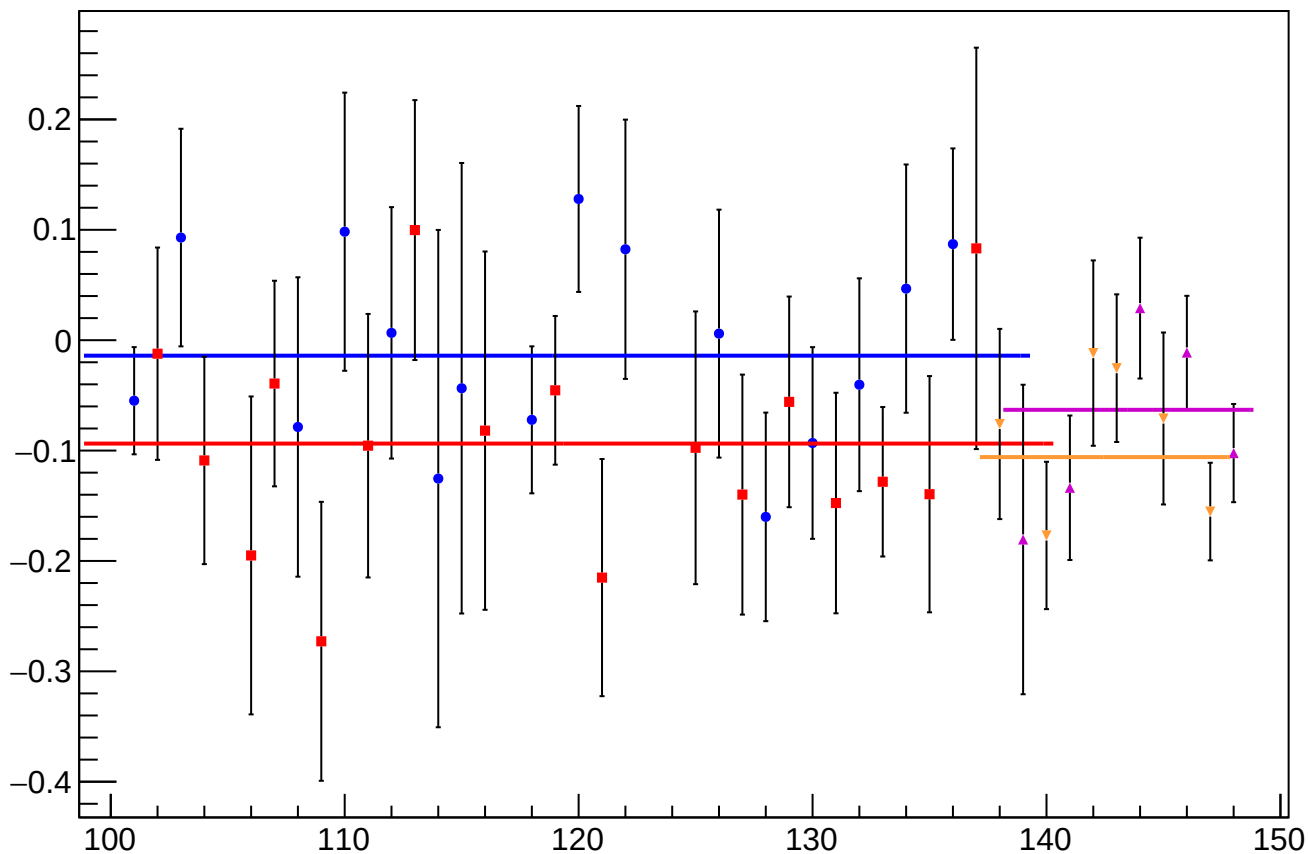
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Out: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

All: -0.050 $\pm$ 0.027 χ^2 /NDF: 18.5/10

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.106 ± 0.027 χ^2/NDF : 5.4/5

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.063 ± 0.027 χ^2/NDF : 5.7/4

Left: -0.084 ± 0.019 χ^2/NDF : 12.4/10

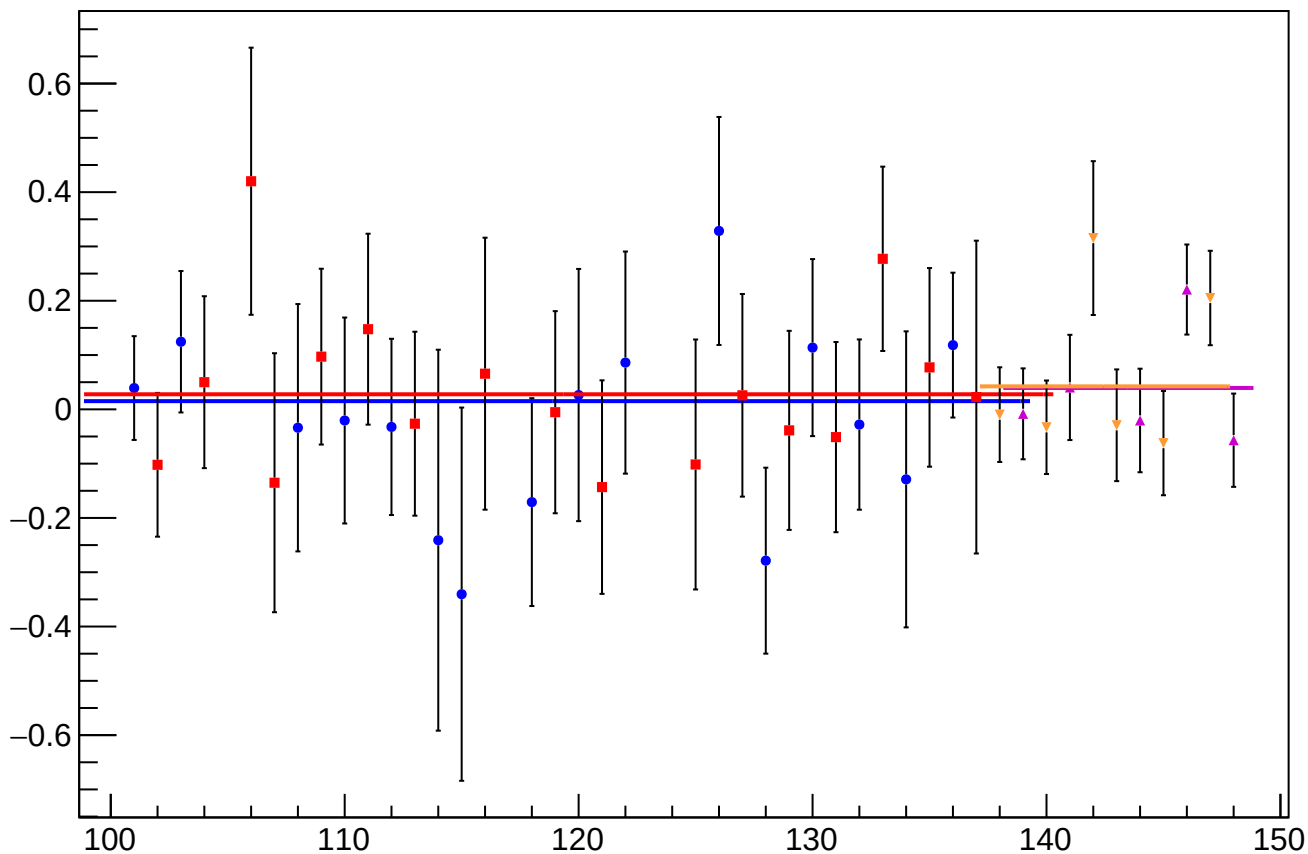
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.035 ± 0.018 χ^2/NDF : 20.1/20

Out: -0.099 ± 0.018 χ^2/NDF : 15.6/22

All: -0.066 ± 0.013 χ^2/NDF : 42.2/43

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.042 $\pm$ 0.039 χ^2 /NDF:10.0/5

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.039 $\pm$ 0.040 χ^2 /NDF:6.7/4

Left: 0.041 $\pm$ 0.028 χ^2 /NDF: 16.8/10

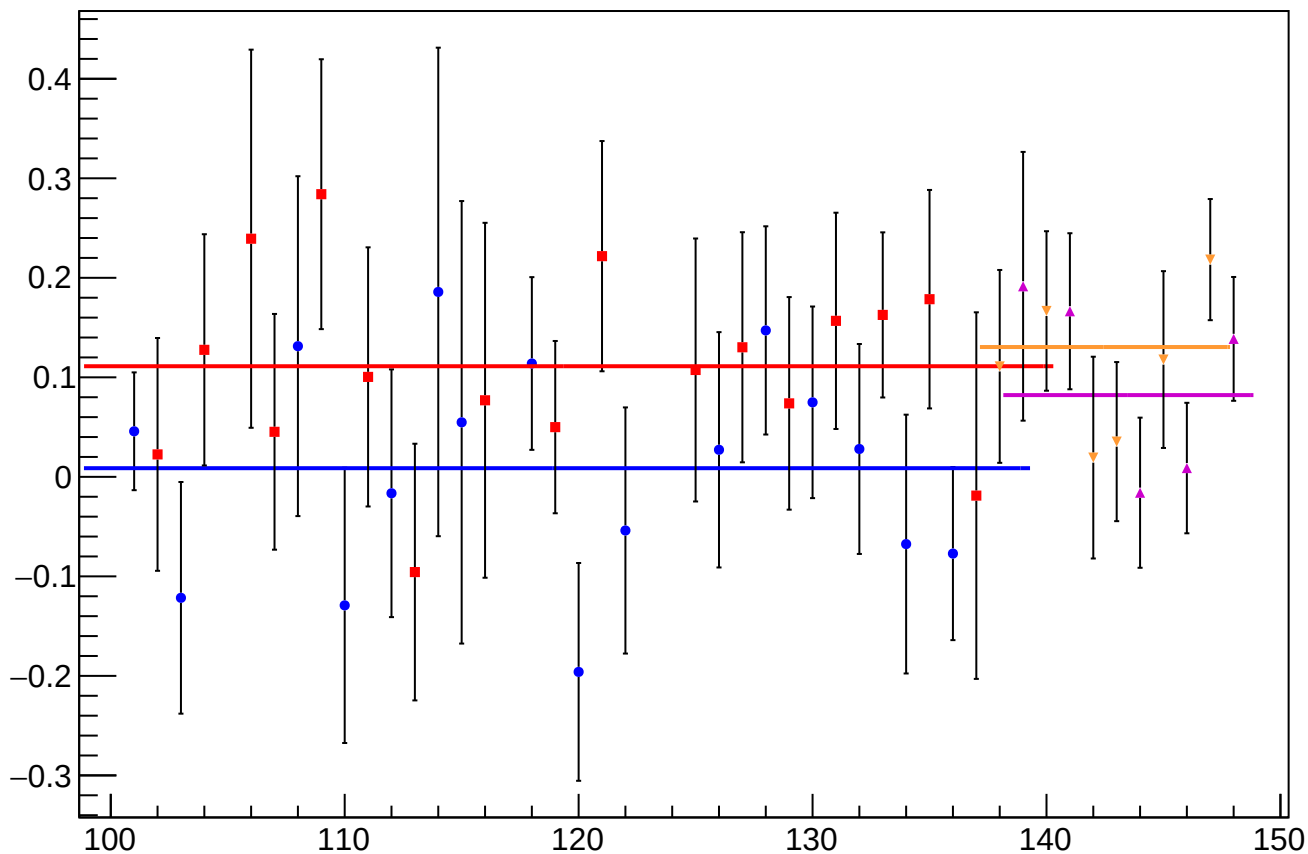
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.028 $\pm$ 0.029 χ^2 /NDF:17.0/20

Out: 0.036 $\pm$ 0.030 χ^2 /NDF:18.5/22

All: 0.032 $\pm$ 0.021 χ^2 /NDF: 35.6/43

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.130 $\pm$ 0.033 χ^2 /NDF: 5.0/5

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.082 $\pm$ 0.034 χ^2 /NDF: 5.6/4

Left: 0.107 $\pm$ 0.024 χ^2 /NDF: 11.6/10

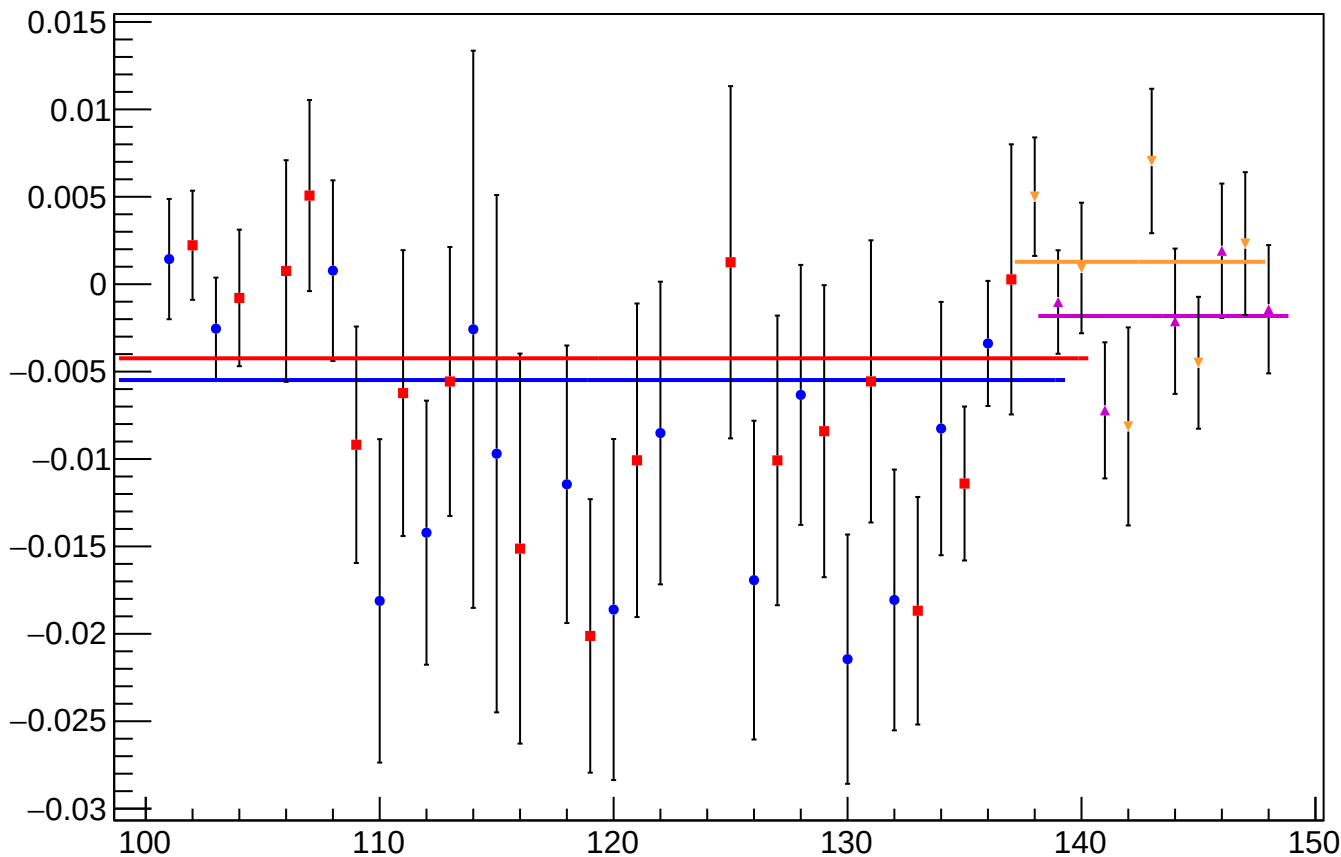
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.037 $\pm$ 0.021 χ^2 /NDF: 21.1/20

Out: 0.119 $\pm$ 0.022 χ^2 /NDF: 13.8/22

All: 0.077 $\pm$ 0.015 χ^2 /NDF: 42.2/43

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.002 χ^2/NDF : 8.3/5

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.002 ± 0.002 χ^2/NDF : 3.0/4

Left: -0.000 ± 0.001 χ^2/NDF : 13.1/10

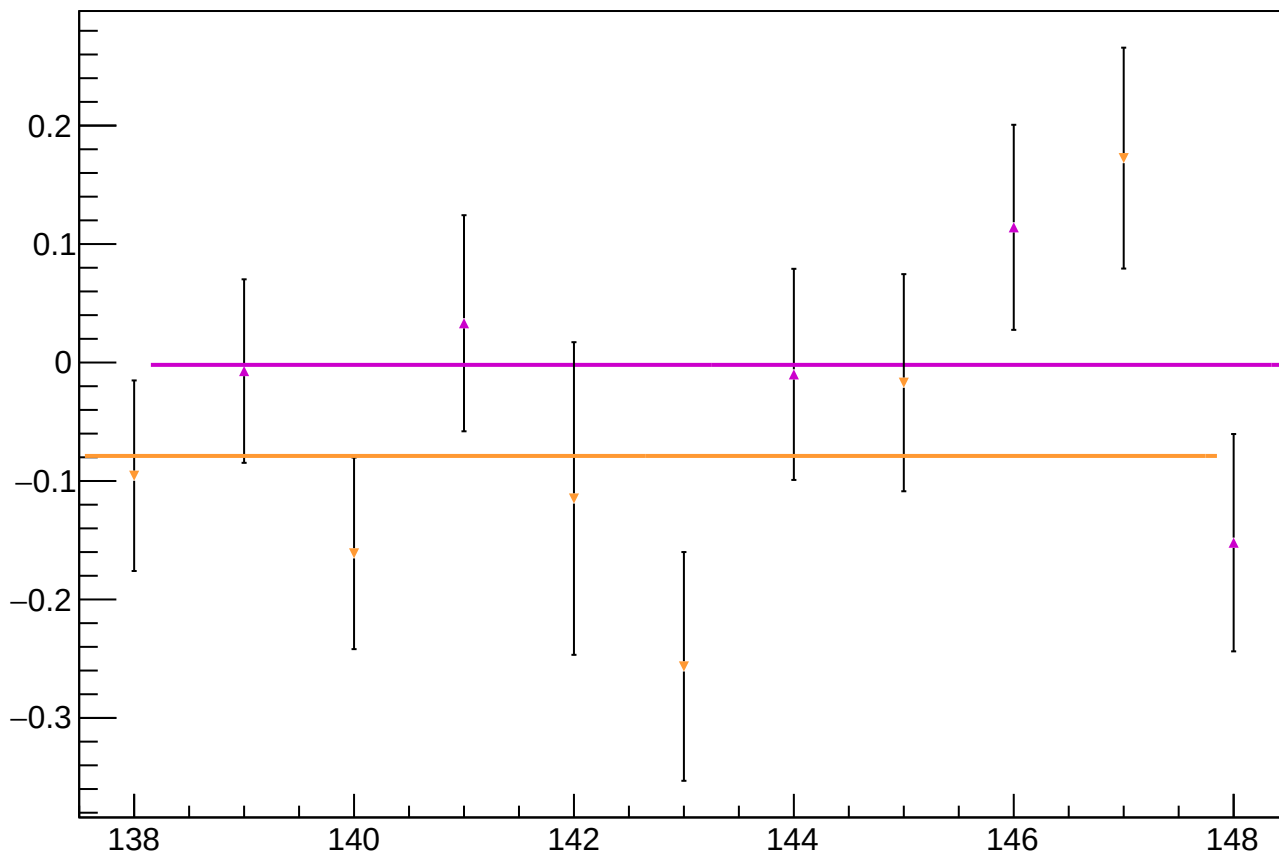
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.004 ± 0.001 χ^2/NDF : 28.1/20

Out: -0.002 ± 0.001 χ^2/NDF : 38.4/22

All: -0.003 ± 0.001 χ^2/NDF : 68.4/43

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: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

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: -0.042 $\pm$ 0.027 χ^2 /NDF: 18.9/10

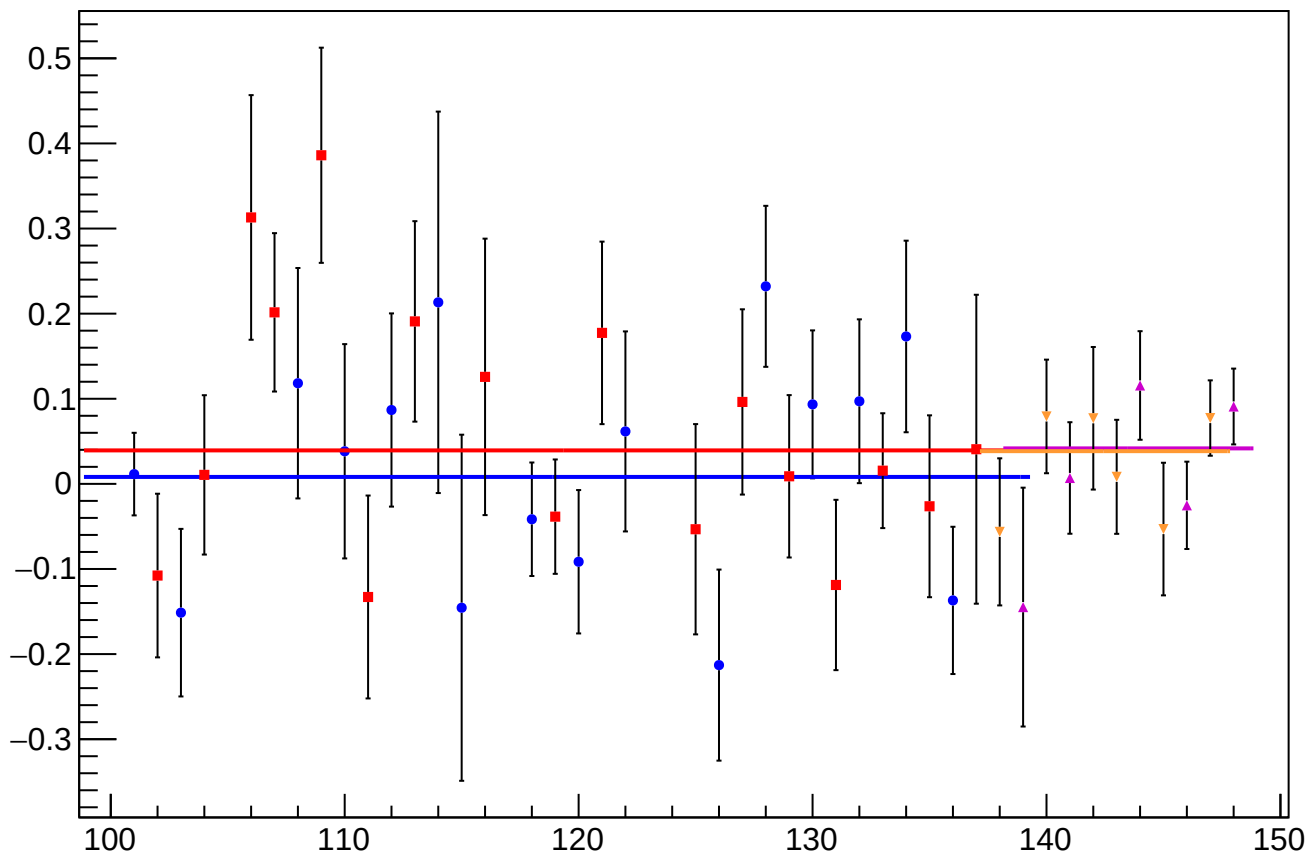
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Out: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

All: -0.042 $\pm$ 0.027 χ^2 /NDF: 18.9/10

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: 0.038 ± 0.027 $\chi^2/\text{NDF}: 4.1/5$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.042 ± 0.027 $\chi^2/\text{NDF}: 6.3/4$

Left: 0.040 ± 0.019 $\chi^2/\text{NDF}: 10.5/10$

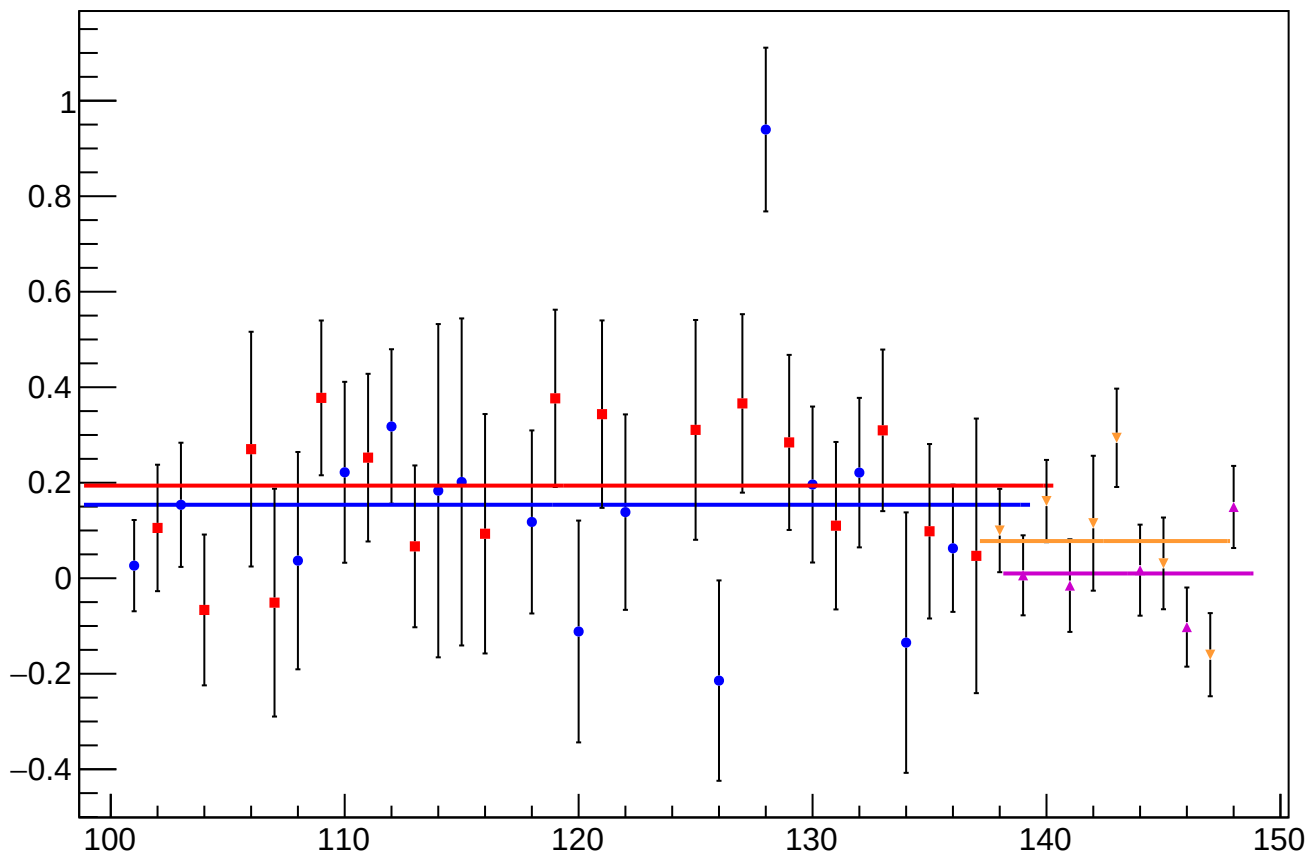
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.023 ± 0.018 $\chi^2/\text{NDF}: 30.9/20$

Out: 0.039 ± 0.018 $\chi^2/\text{NDF}: 31.7/22$

All: 0.031 ± 0.013 $\chi^2/\text{NDF}: 63.0/43$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.078 ± 0.039 $\chi^2/\text{NDF}: 13.2/5$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.010 ± 0.040 $\chi^2/\text{NDF}: 4.5/4$

Left: 0.044 ± 0.028 $\chi^2/\text{NDF}: 19.2/10$

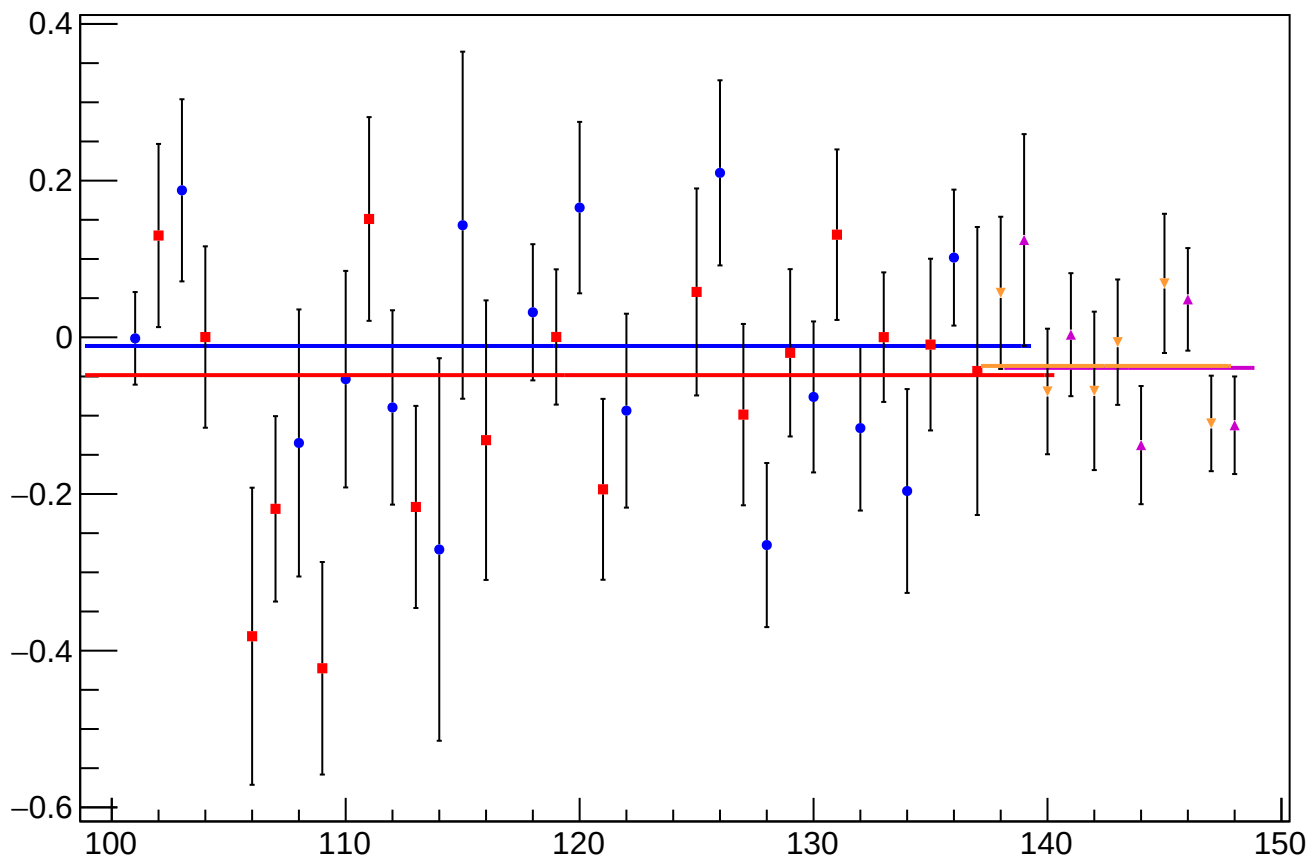
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.076 ± 0.029 $\chi^2/\text{NDF}: 41.1/20$

Out: 0.128 ± 0.030 $\chi^2/\text{NDF}: 27.6/22$

All: 0.102 ± 0.021 $\chi^2/\text{NDF}: 70.2/43$

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.037 ± 0.033 χ^2/NDF : 4.2/5

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.039 ± 0.034 χ^2/NDF : 6.6/4

Left: -0.038 ± 0.024 χ^2/NDF : 10.8/10

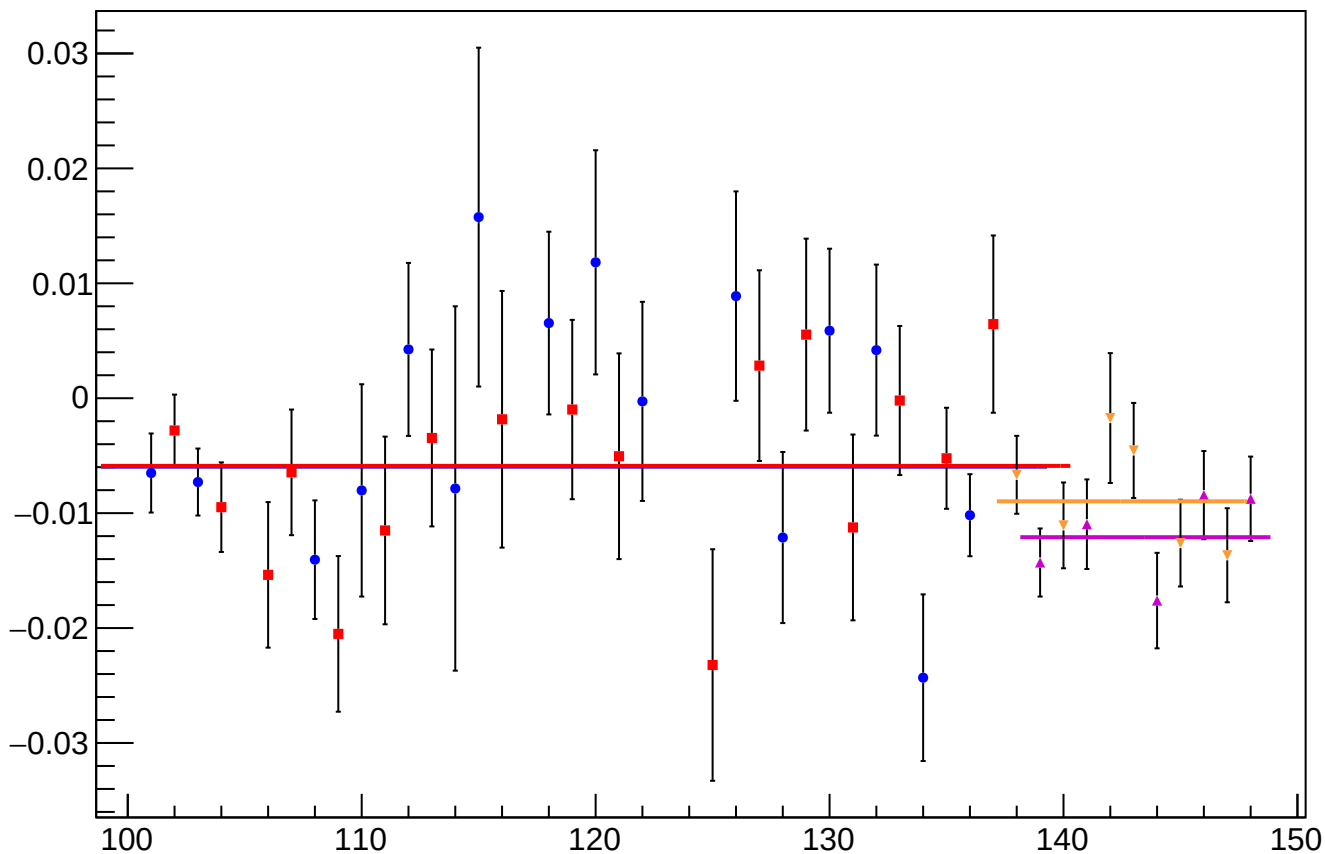
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.022 ± 0.021 χ^2/NDF : 30.5/20

Out: -0.043 ± 0.022 χ^2/NDF : 29.8/22

All: -0.032 ± 0.015 χ^2/NDF : 60.8/43

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 5.8/5

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.012 ± 0.002 χ^2/NDF : 4.1/4

Left: -0.011 ± 0.001 χ^2/NDF : 11.8/10

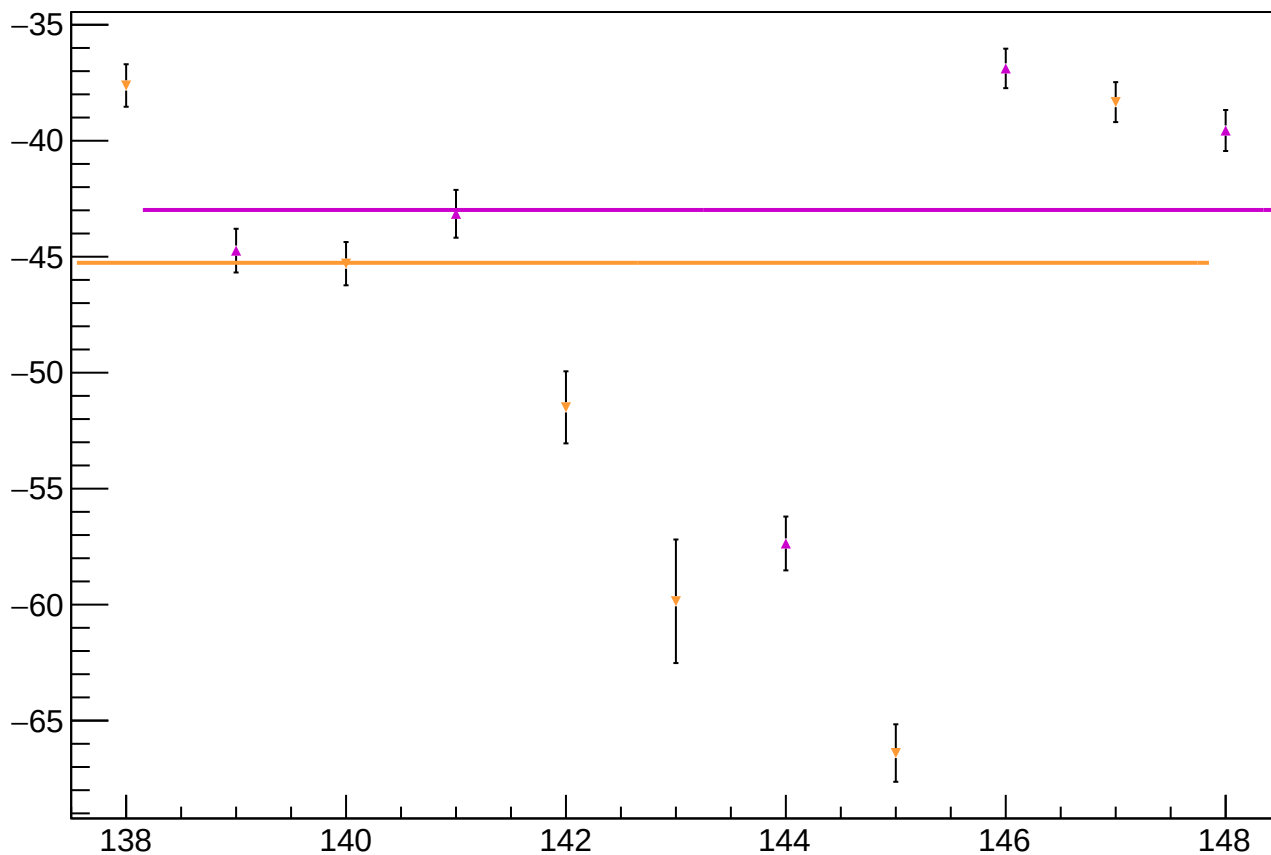
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 40.9/20

Out: -0.007 ± 0.001 χ^2/NDF : 27.4/22

All: -0.008 ± 0.001 χ^2/NDF : 69.1/43

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: -45.262+/-0.452 χ^2/NDF : 471.1/5

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: -44.060+/-0.311 χ^2/NDF : 708.0/10

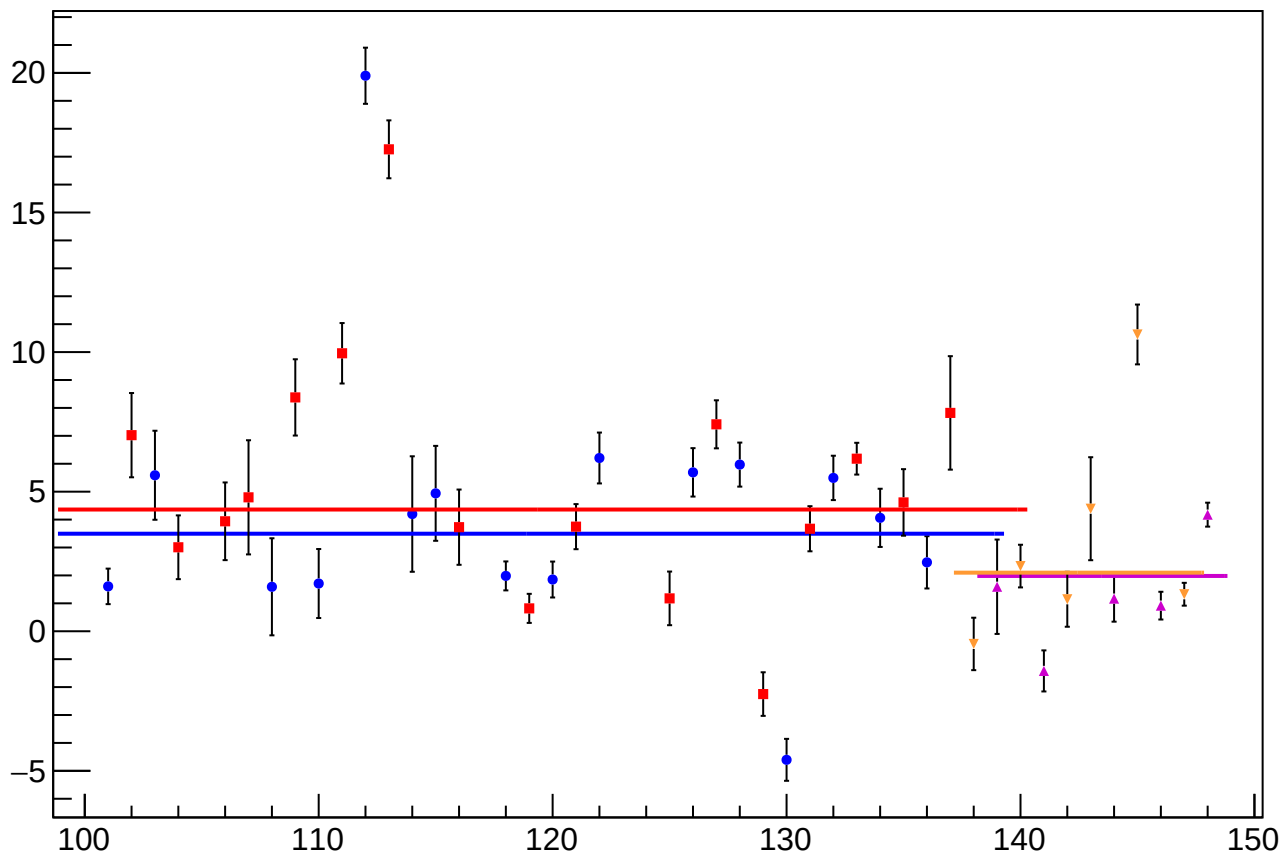
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.984+/-0.428 χ^2/NDF : 223.5/4

Out: -45.262+/-0.452 χ^2/NDF : 471.1/5

All: -44.060+/-0.311 χ^2/NDF : 708.0/10

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 2.099 $\pm$ 0.301 χ^2 /NDF: 77.0/5

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.981 $\pm$ 0.276 χ^2 /NDF: 53.2/4

Left: 2.035 $\pm$ 0.203 χ^2 /NDF: 130.2/10

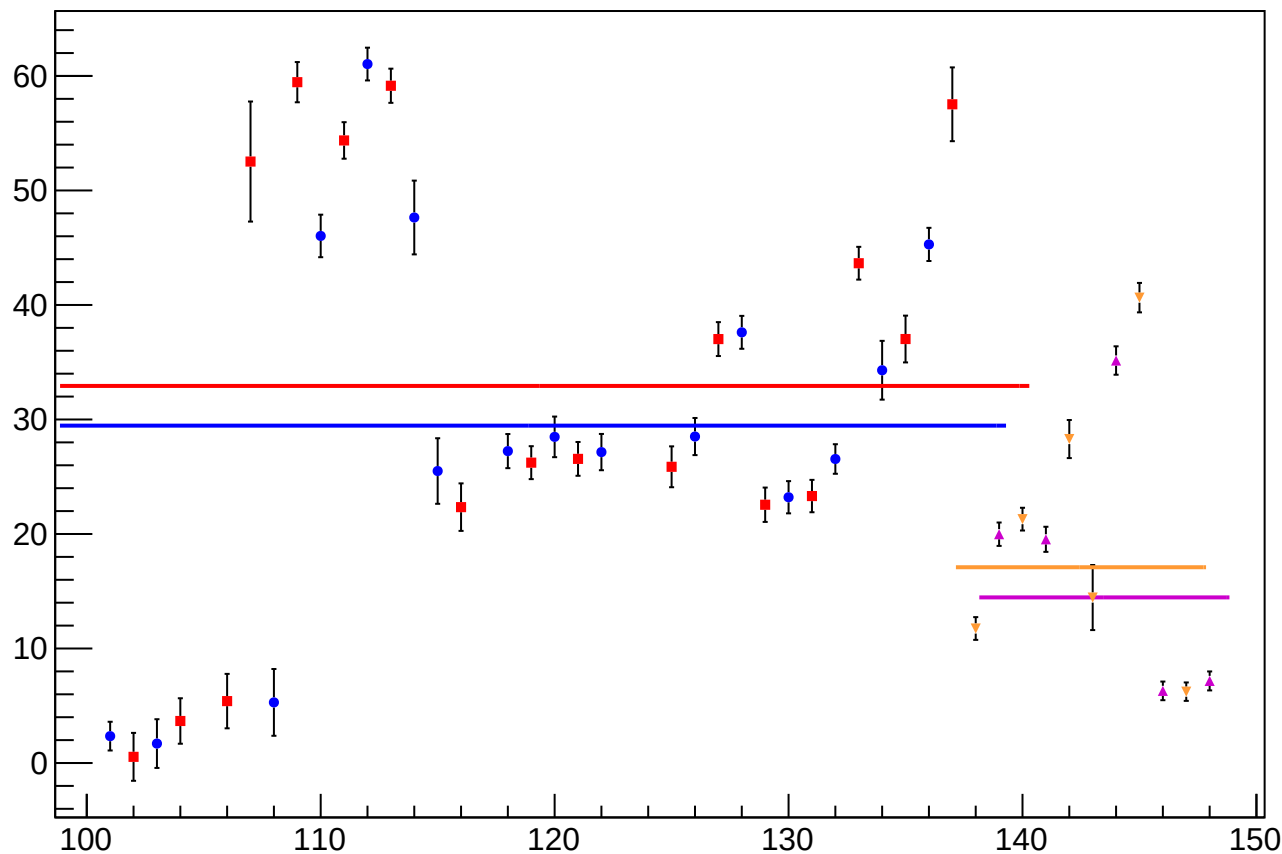
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.913 $\pm$ 0.171 χ^2 /NDF: 516.6/20

Out: 3.548 $\pm$ 0.180 χ^2 /NDF: 464.1/22

All: 3.214 $\pm$ 0.124 χ^2 /NDF: 987.2/43

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 17.096 $\pm$ 0.463 χ^2 /NDF:610.5/5

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 14.463 $\pm$ 0.430 χ^2 /NDF:506.8/4

Left: 15.682 $\pm$ 0.315 χ^2 /NDF: 1134.6/10

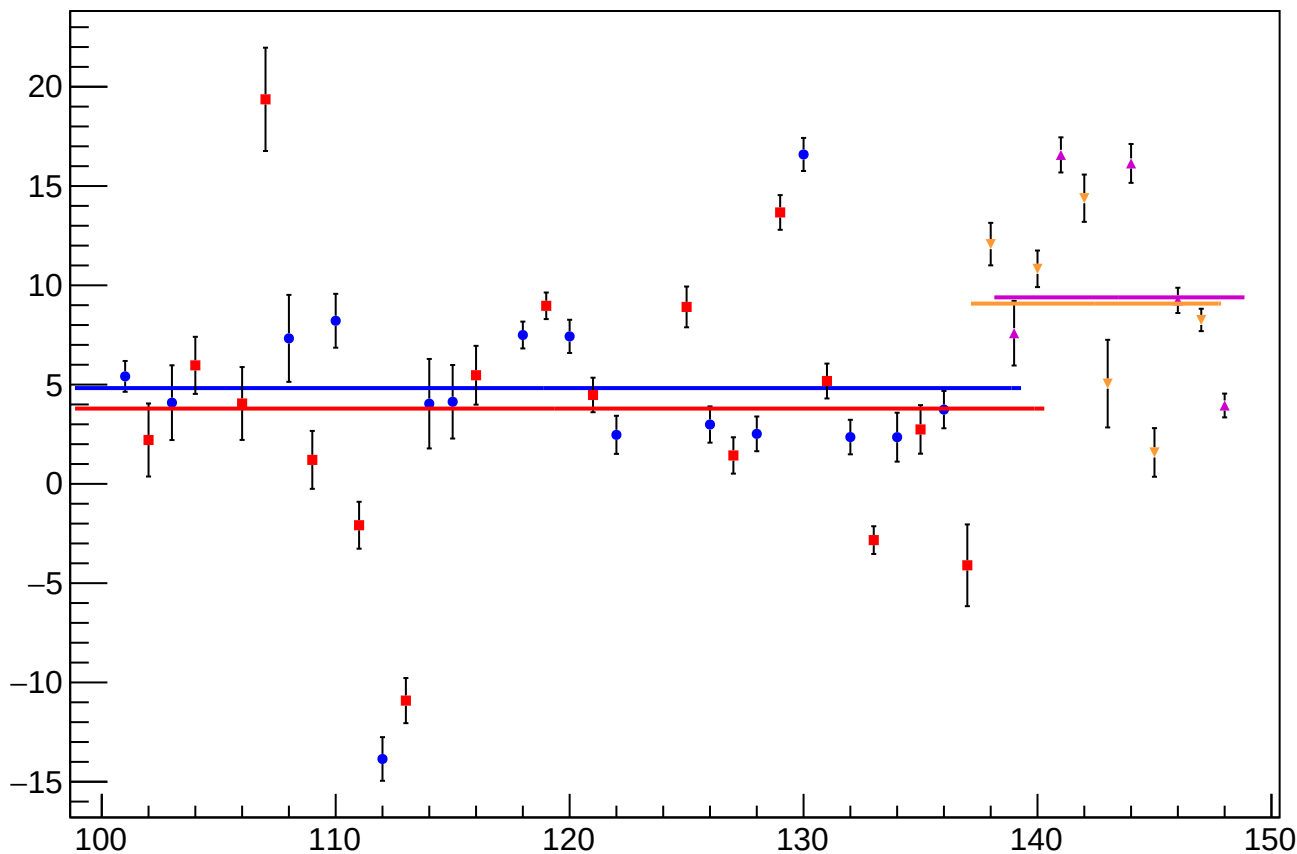
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 22.183 $\pm$ 0.300 χ^2 /NDF:2624.8/20

Out: 25.720 $\pm$ 0.313 χ^2 /NDF:2871.4/22

All: 23.876 $\pm$ 0.216 χ^2 /NDF: 5563.0/43

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.079 $\pm$ 0.384 χ^2 /NDF: 74.2/5

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.393 $\pm$ 0.355 χ^2 /NDF: 197.0/4

Left: 9.249 $\pm$ 0.261 χ^2 /NDF: 271.6/10

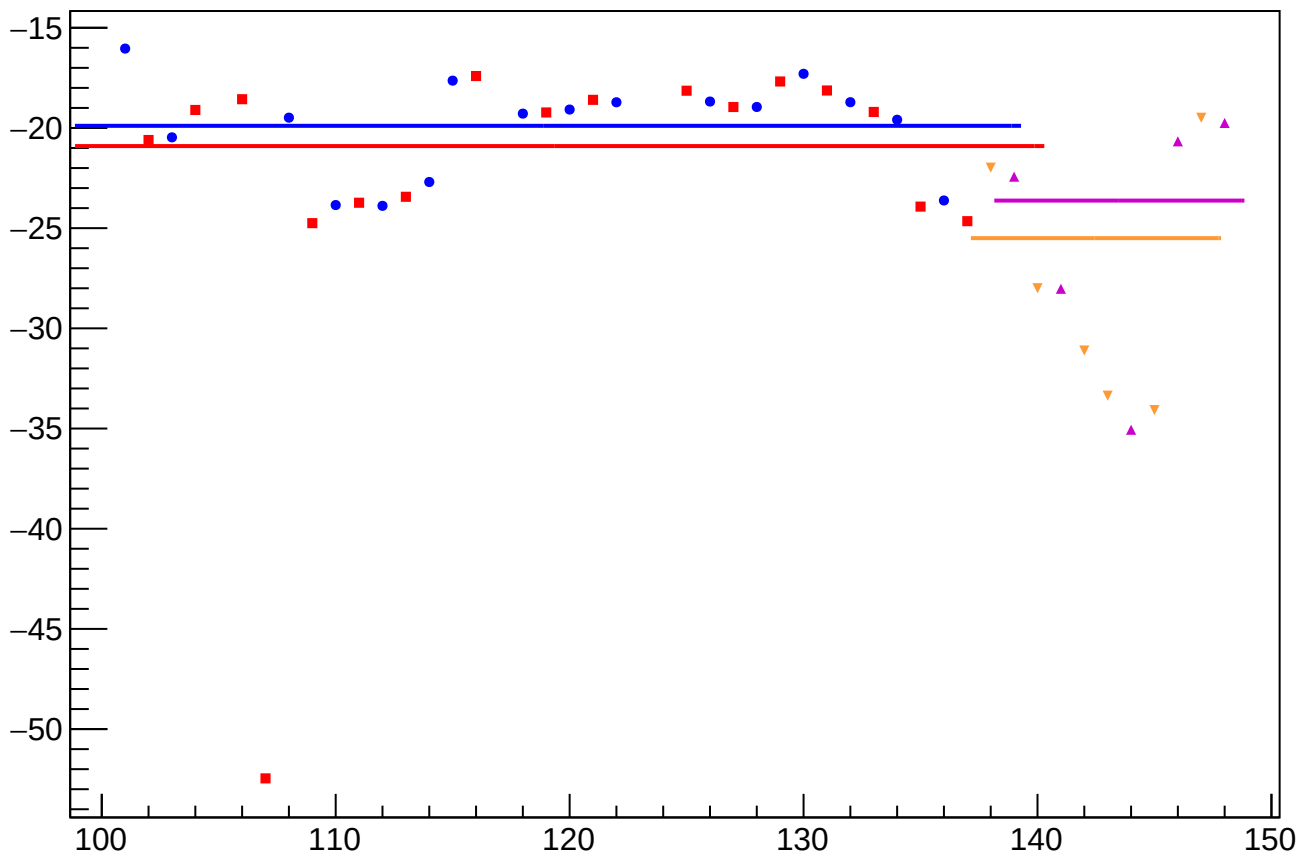
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 6.354 $\pm$ 0.205 χ^2 /NDF: 860.4/20

Out: 5.445 $\pm$ 0.215 χ^2 /NDF: 768.2/22

All: 5.920 $\pm$ 0.148 χ^2 /NDF: 1637.9/43

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -25.498 $\pm$ 0.020 χ^2 /NDF: 76782.9/5

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -23.623 $\pm$ 0.018 χ^2 /NDF: 73214.4/4

Left: -24.469 $\pm$ 0.013 χ^2 /NDF: 154958.2/10

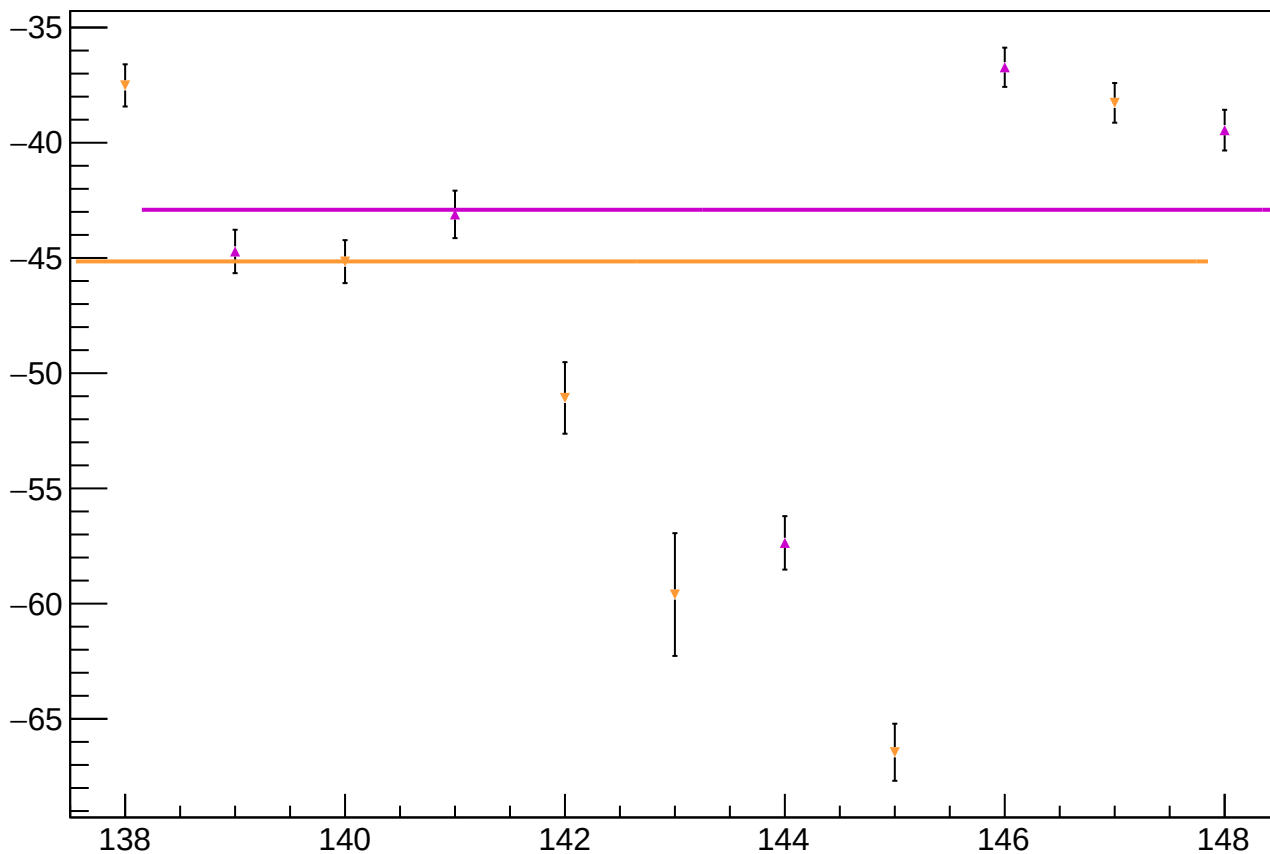
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.504 $\pm$ 0.012 χ^2 /NDF: 124054.3/20

Out: -22.691 $\pm$ 0.012 χ^2 /NDF: 202740.0/22

All: -22.070 $\pm$ 0.008 χ^2 /NDF: 331664.7/43

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: -45.150+/-0.452 χ^2/NDF :473.1/5

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: -43.967+/-0.310 χ^2/NDF : 713.2/10

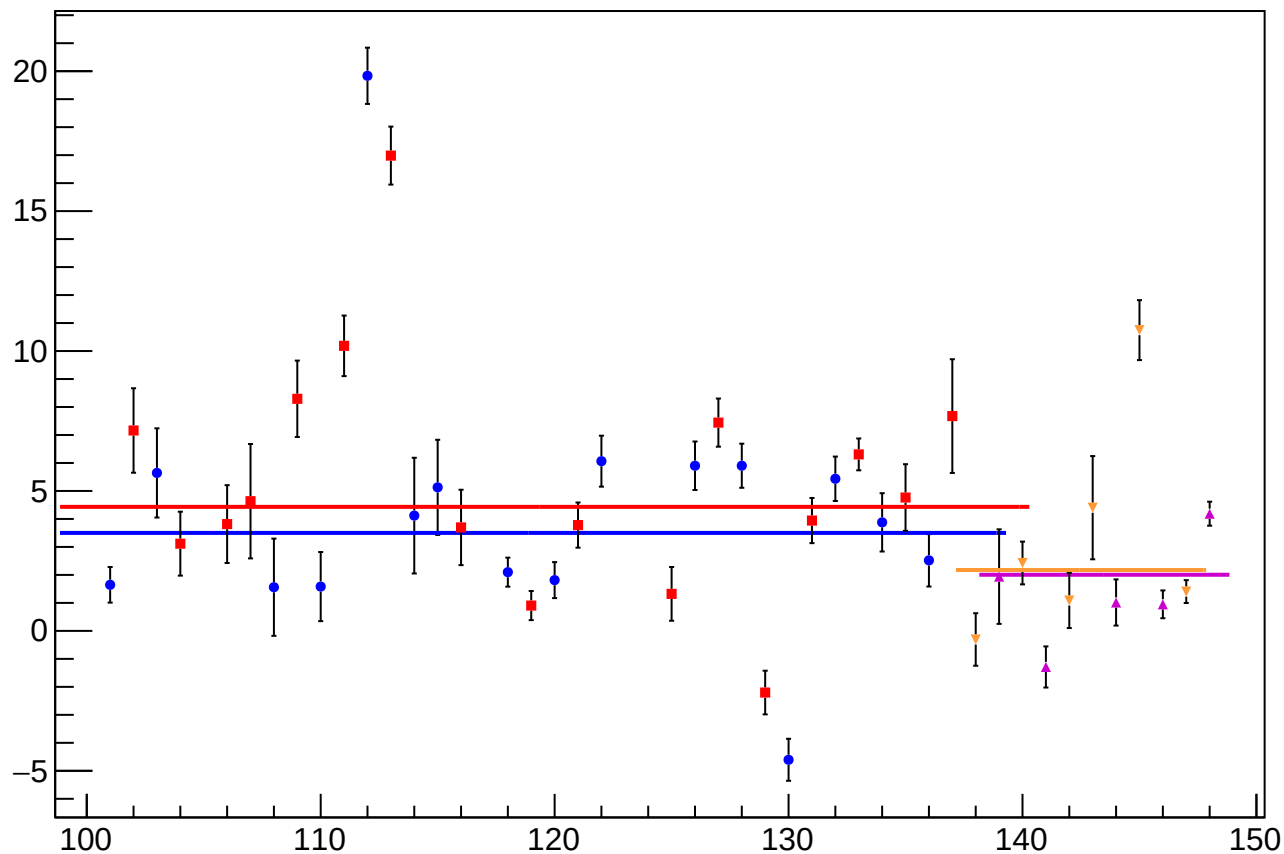
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.909+/-0.427 χ^2/NDF :227.2/4

Out: -45.150+/-0.452 χ^2/NDF :473.1/5

All: -43.967+/-0.310 χ^2/NDF : 713.2/10

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 2.175 $\pm$ 0.301 χ^2 /NDF: 77.5/5

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 2.006 $\pm$ 0.276 χ^2 /NDF: 52.0/4

Left: 2.083 $\pm$ 0.203 χ^2 /NDF: 129.6/10

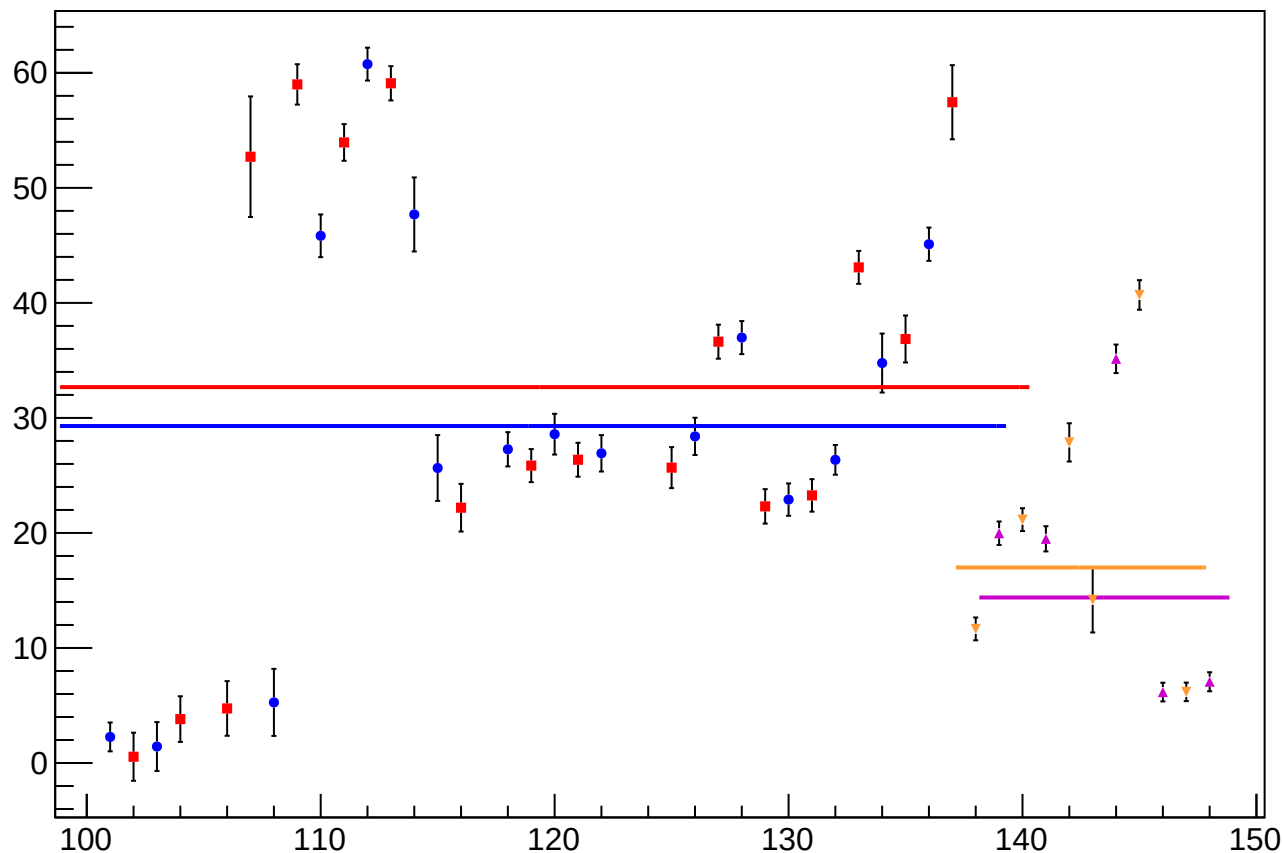
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.927 $\pm$ 0.171 χ^2 /NDF: 512.0/20

Out: 3.622 $\pm$ 0.180 χ^2 /NDF: 457.1/22

All: 3.256 $\pm$ 0.124 χ^2 /NDF: 976.9/43

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 16.999 ± 0.463 $\chi^2/\text{NDF}: 610.9/5$

Right Out: 32.679 ± 0.423 $\chi^2/\text{NDF}: 1614.8/16$

Left In: 14.389 ± 0.430 $\chi^2/\text{NDF}: 512.1/4$

Left: 15.597 ± 0.315 $\chi^2/\text{NDF}: 1140.1/10$

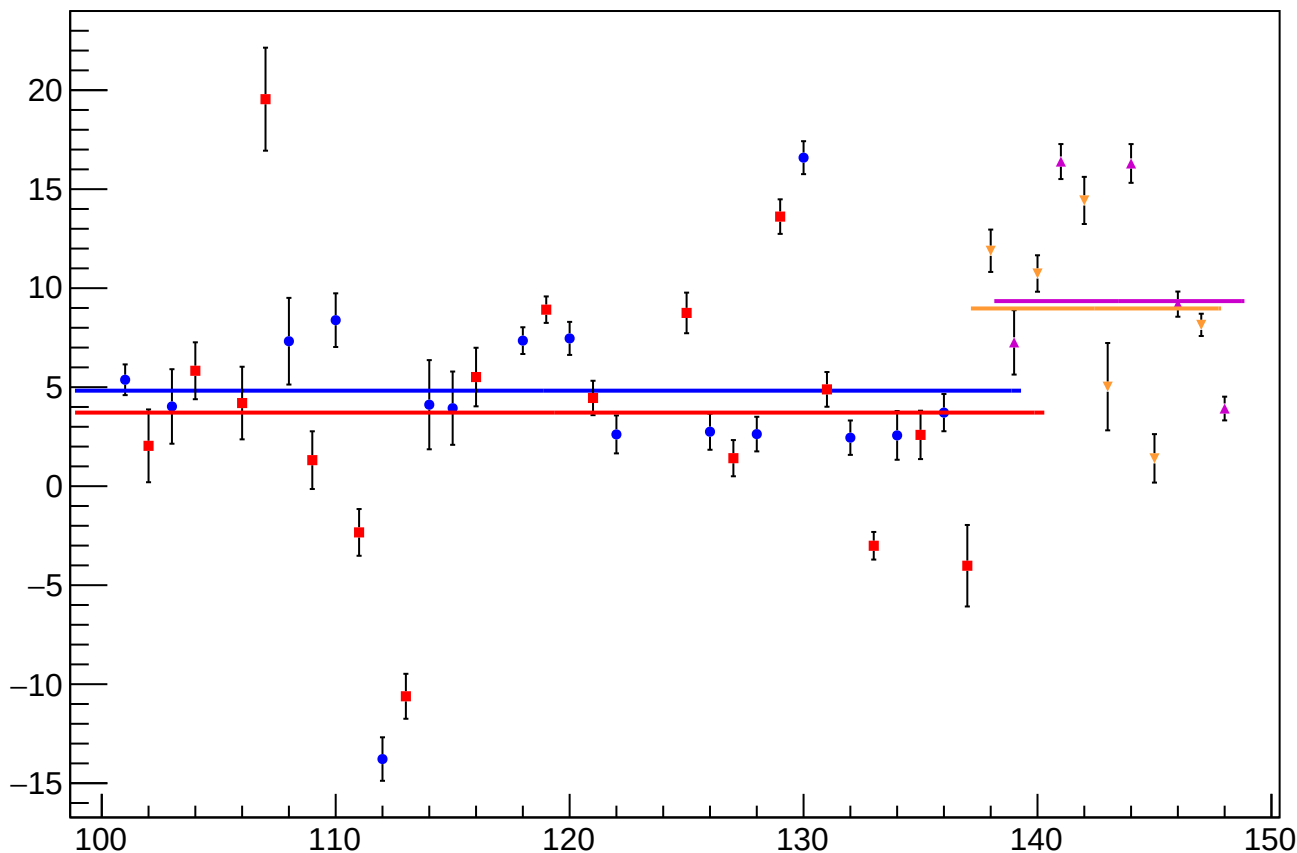
Right: 30.964 ± 0.297 $\chi^2/\text{NDF}: 3132.4/32$

In: 22.062 ± 0.299 $\chi^2/\text{NDF}: 2616.9/20$

Out: 25.540 ± 0.312 $\chi^2/\text{NDF}: 2850.7/22$

All: 23.727 ± 0.216 $\chi^2/\text{NDF}: 5532.2/43$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.975 ± 0.384 χ^2/NDF : 75.8/5

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.347 ± 0.354 χ^2/NDF : 197.7/4

Left: 9.176 ± 0.260 χ^2/NDF : 273.9/10

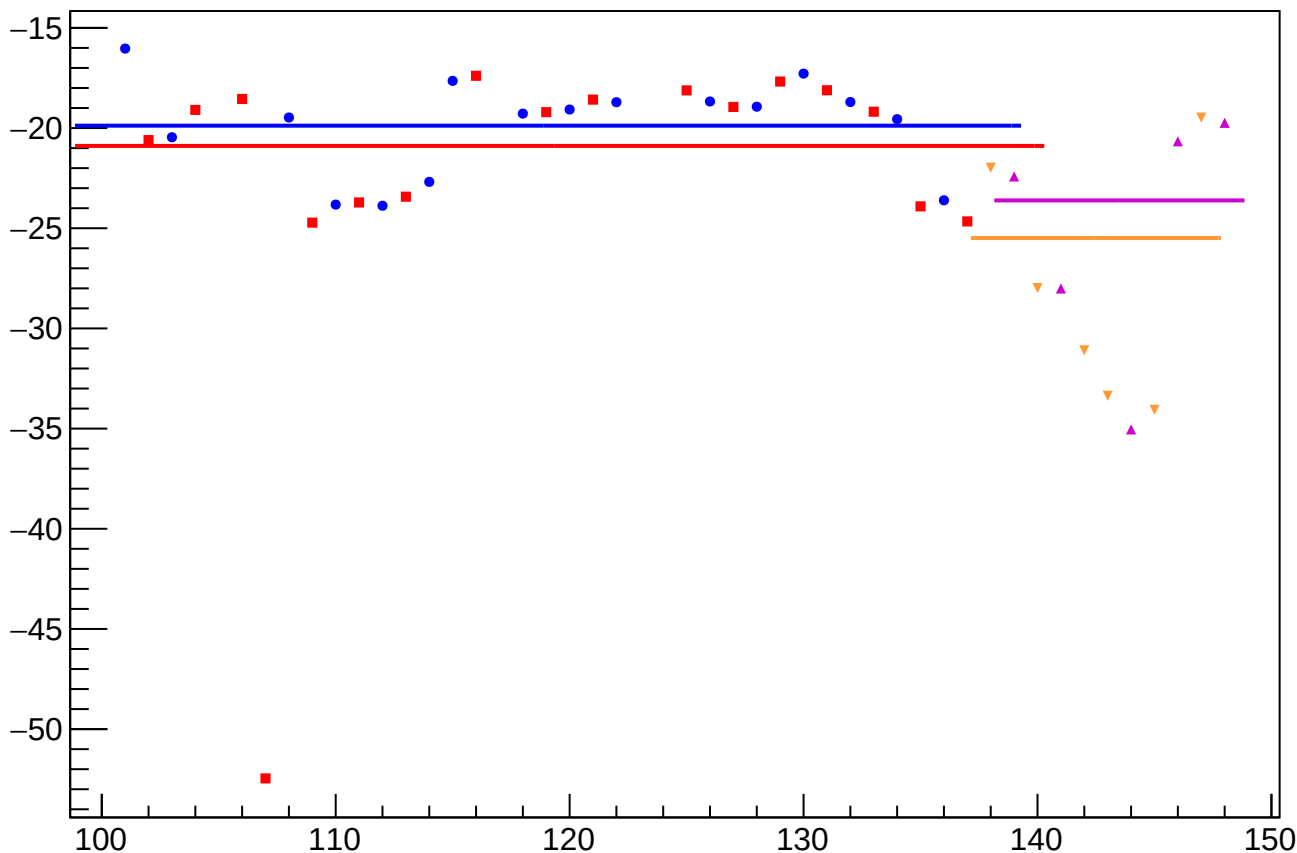
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 6.339 ± 0.205 χ^2/NDF : 855.2/20

Out: 5.360 ± 0.215 χ^2/NDF : 764.8/22

All: 5.871 ± 0.148 χ^2/NDF : 1630.8/43

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -25.490 $\pm$ 0.020 χ^2 /NDF: 76829.0/5

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -23.611 $\pm$ 0.018 χ^2 /NDF: 73171.3/4

Left: -24.458 $\pm$ 0.013 χ^2 /NDF: 154988.3/10

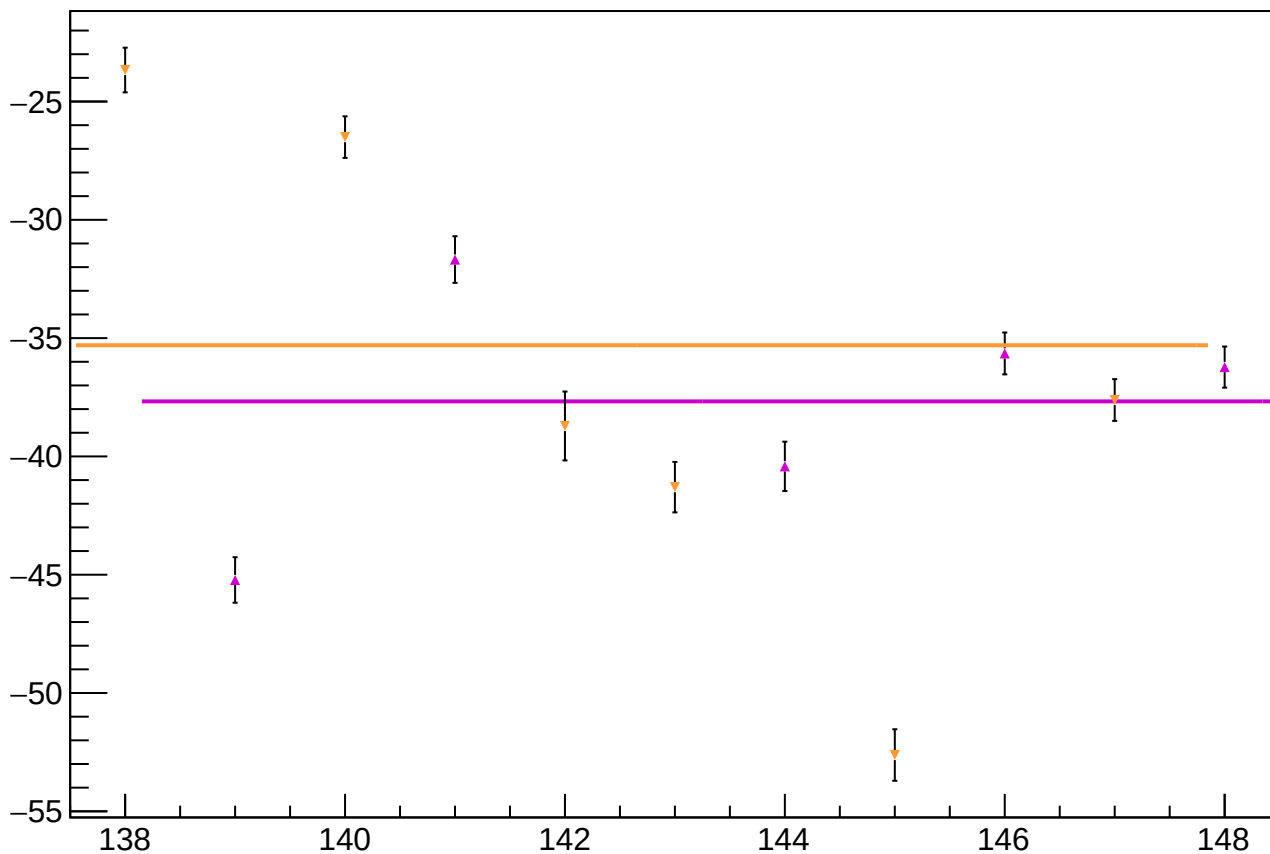
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.492 $\pm$ 0.012 χ^2 /NDF: 124023.9/20

Out: -22.679 $\pm$ 0.012 χ^2 /NDF: 203001.4/22

All: -22.058 $\pm$ 0.008 χ^2 /NDF: 331908.3/43

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: -35.302+/-0.412 χ^2/NDF :548.9/5

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: -36.461+/-0.295 χ^2/NDF : 678.7/10

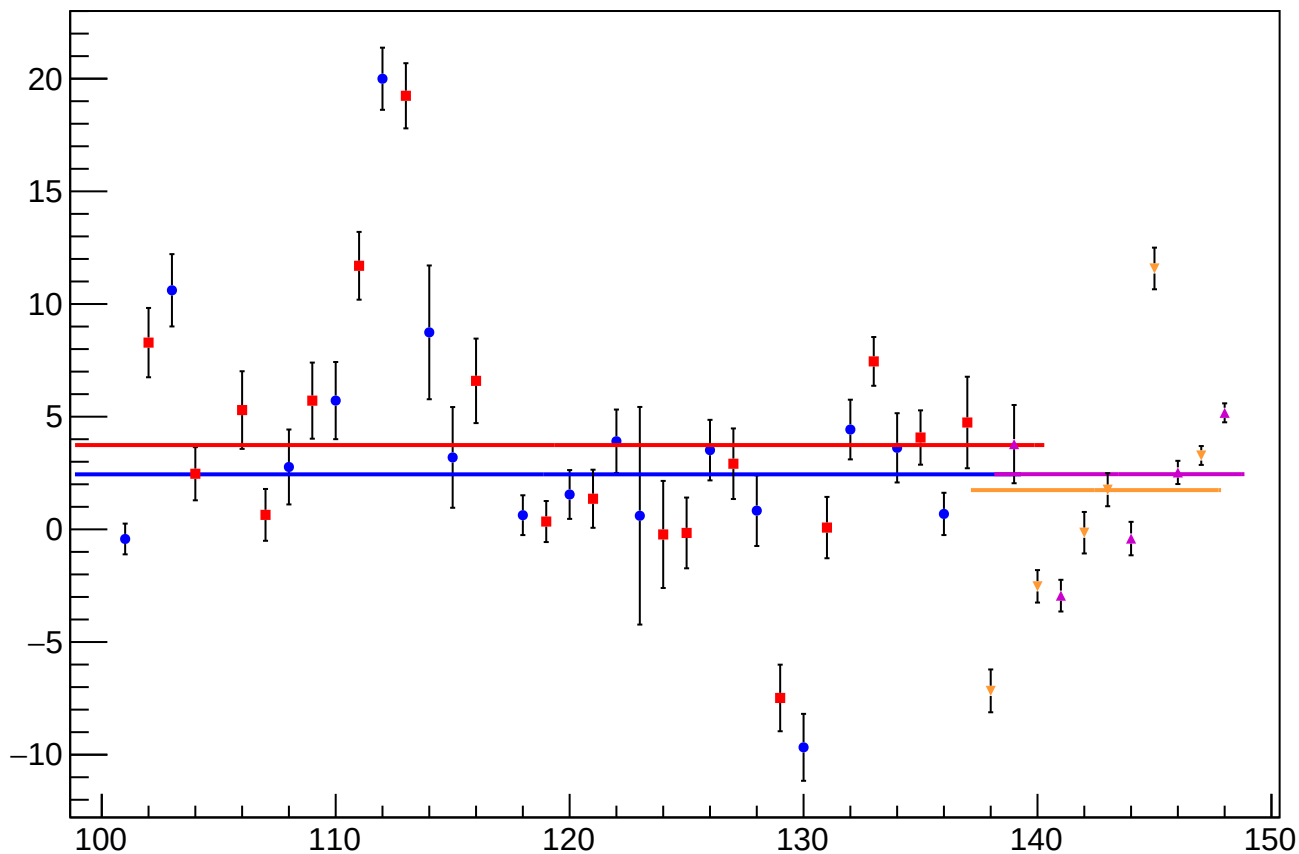
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.674+/-0.421 χ^2/NDF :113.6/4

Out: -35.302+/-0.412 χ^2/NDF :548.9/5

All: -36.461+/-0.295 χ^2/NDF : 678.7/10

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 1.742 ± 0.278 $\chi^2/\text{NDF}: 253.9/5$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 2.449 ± 0.271 $\chi^2/\text{NDF}: 116.0/4$

Left: 2.104 ± 0.194 $\chi^2/\text{NDF}: 373.2/10$

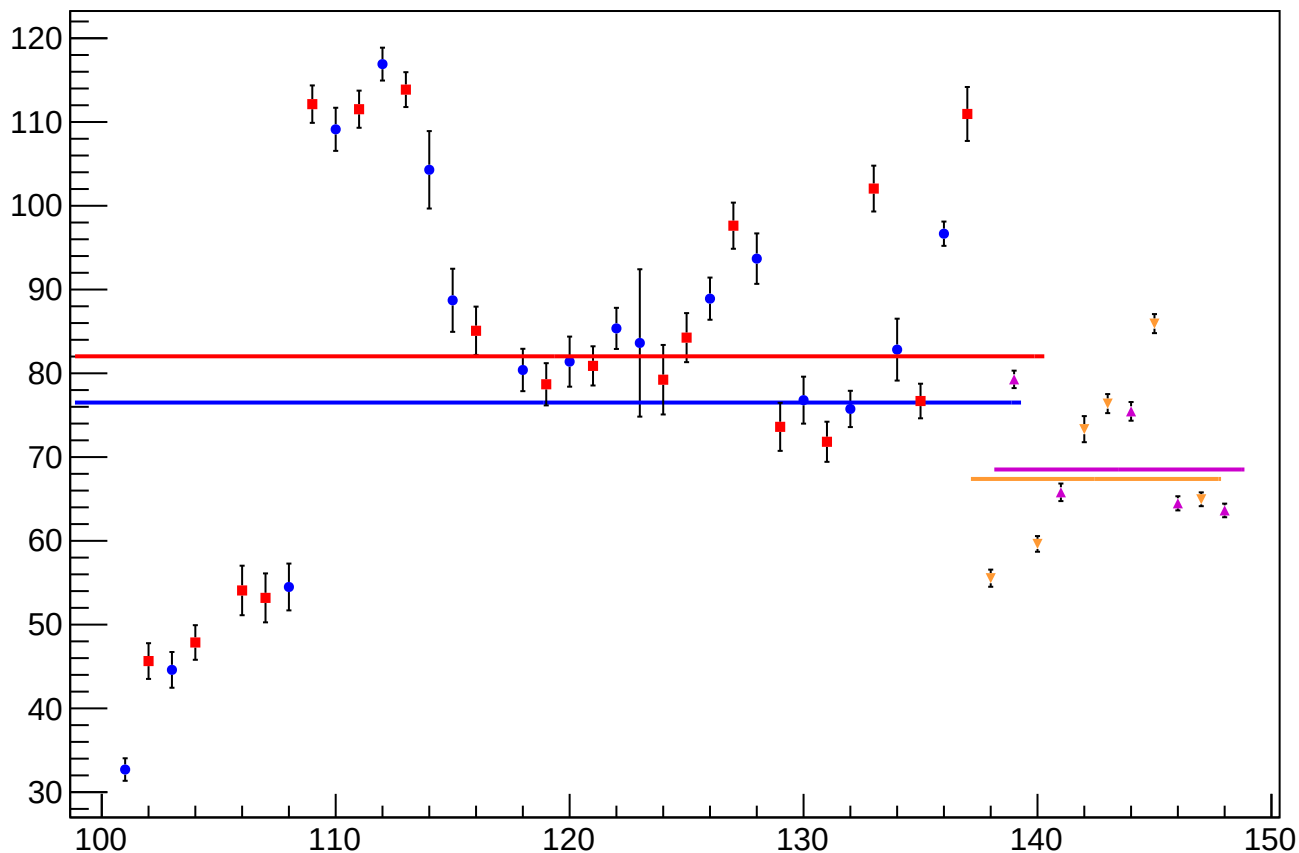
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 2.446 ± 0.205 $\chi^2/\text{NDF}: 410.7/21$

Out: 2.581 ± 0.212 $\chi^2/\text{NDF}: 543.8/23$

All: 2.511 ± 0.147 $\chi^2/\text{NDF}: 954.7/45$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2/NDF : 2250.9/16

Left Out: 67.389 $\pm$ 0.425 χ^2/NDF : 554.3/5

Right Out: 82.029 $\pm$ 0.593 χ^2/NDF : 1548.0/17

Left In: 68.518 $\pm$ 0.425 χ^2/NDF : 211.2/4

Left: 67.954 $\pm$ 0.301 χ^2/NDF : 768.9/10

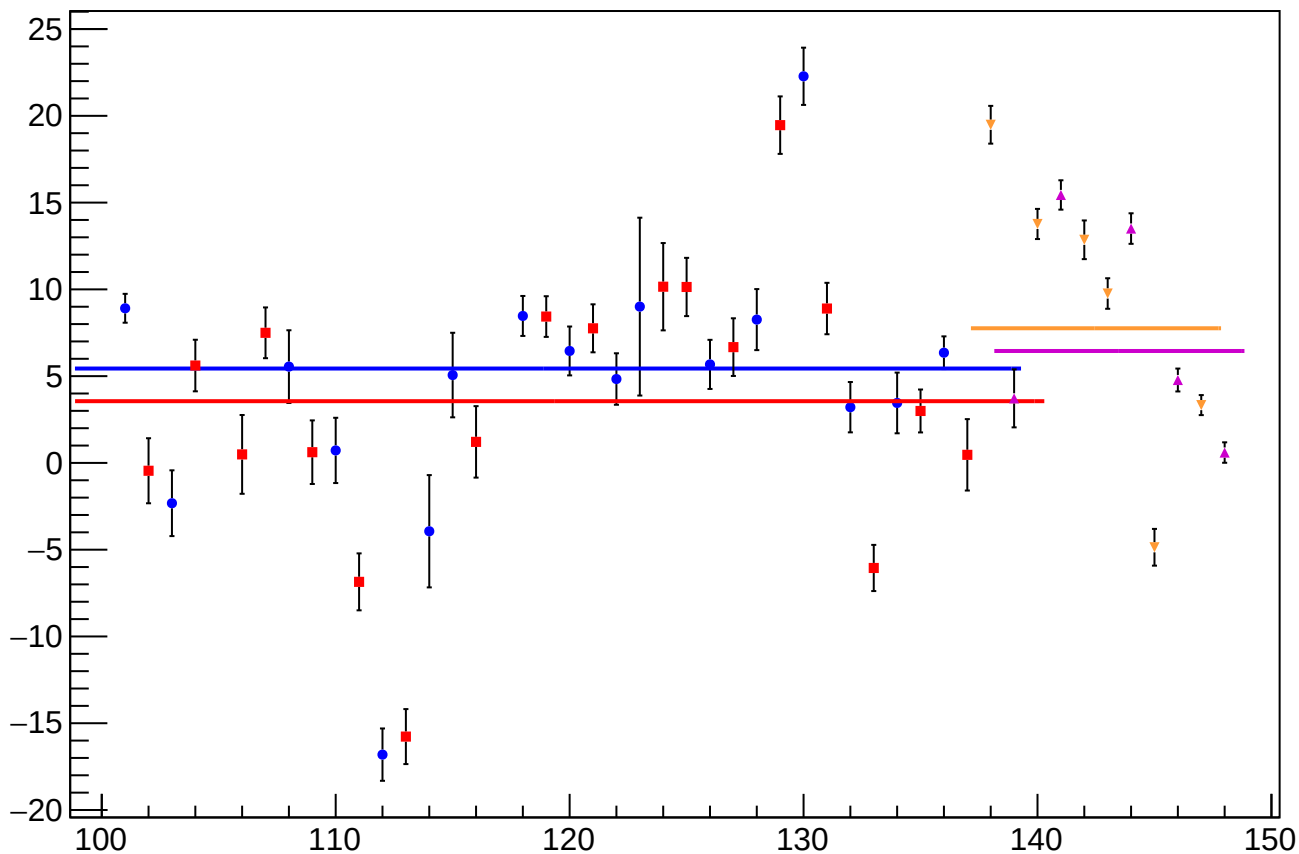
Right: 79.182 $\pm$ 0.412 χ^2/NDF : 3843.6/34

In: 71.344 $\pm$ 0.341 χ^2/NDF : 2587.3/21

Out: 72.367 $\pm$ 0.346 χ^2/NDF : 2505.0/23

All: 71.849 $\pm$ 0.243 χ^2/NDF : 5096.7/45

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 7.759 ± 0.350 χ^2/NDF : 391.1/5

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 6.450 ± 0.349 χ^2/NDF : 284.9/4

Left: 7.102 ± 0.247 χ^2/NDF : 683.1/10

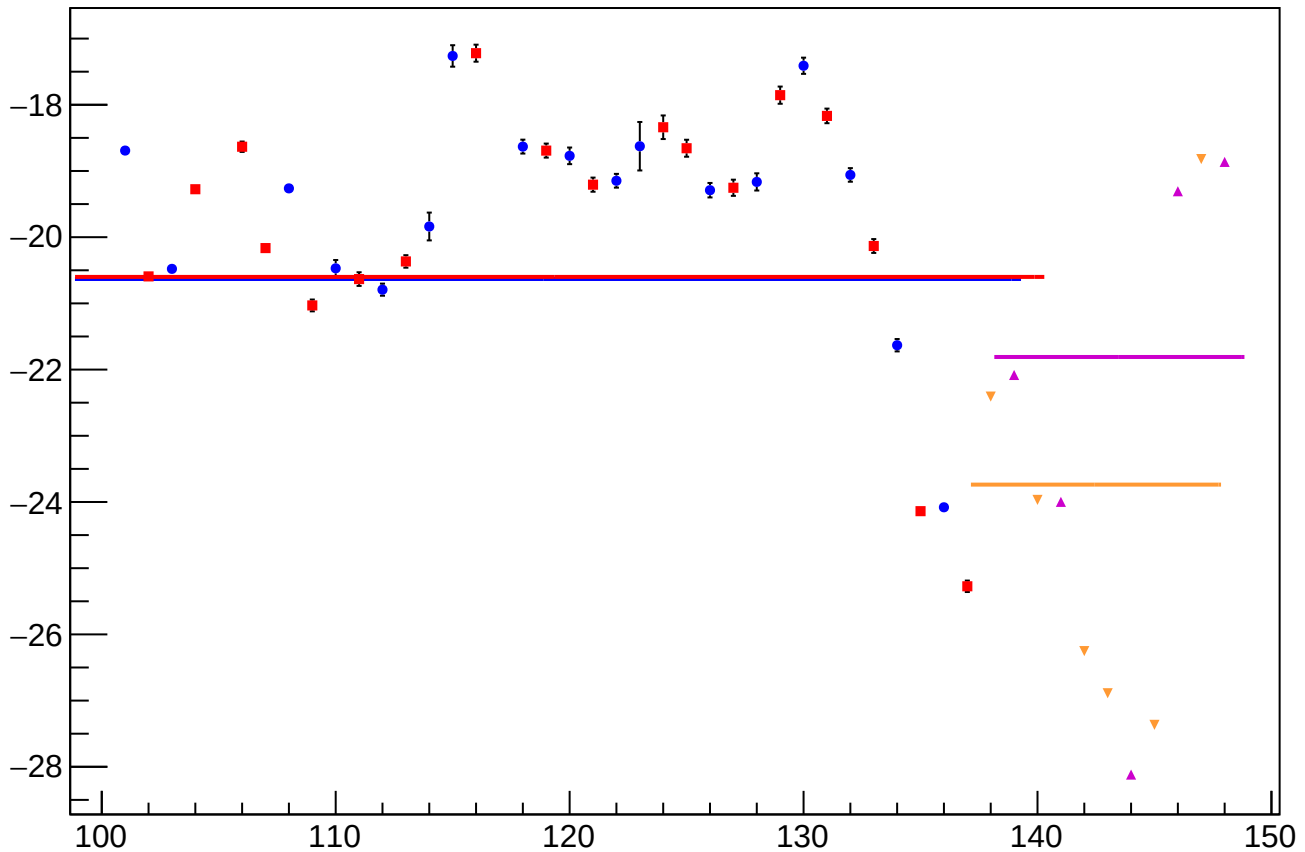
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 5.957 ± 0.250 χ^2/NDF : 675.2/21

Out: 5.803 ± 0.256 χ^2/NDF : 878.7/23

All: 5.882 ± 0.179 χ^2/NDF : 1554.1/45

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -23.737 $\pm$ 0.018 χ^2 /NDF:30045.8/5

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -21.810 $\pm$ 0.018 χ^2 /NDF:30721.0/4

Left: -22.759 $\pm$ 0.013 χ^2 /NDF: 66620.7/10

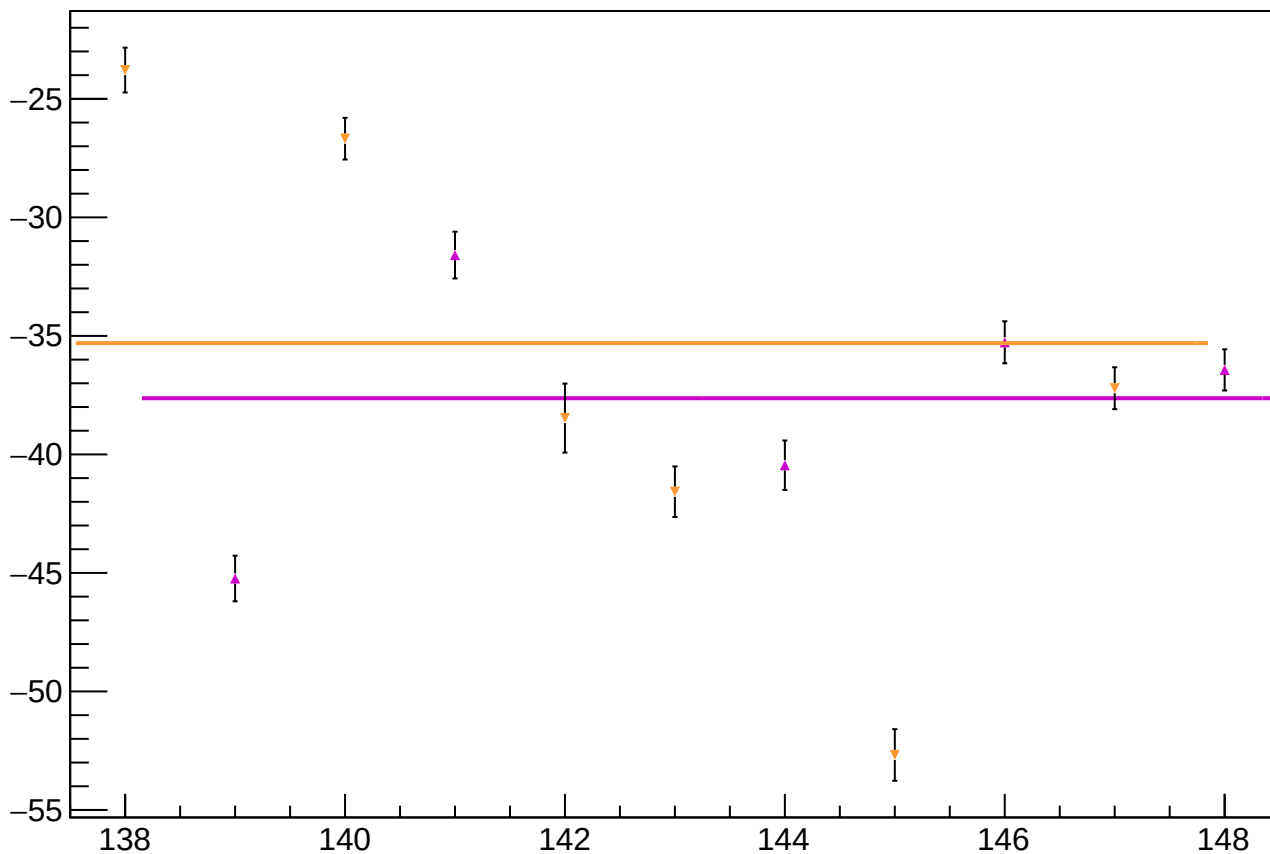
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -21.272 $\pm$ 0.013 χ^2 /NDF:45249.5/21

Out: -22.294 $\pm$ 0.013 χ^2 /NDF:56061.7/23

All: -21.777 $\pm$ 0.009 χ^2 /NDF: 104351.1/45

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.305+/-0.412 χ^2/NDF :543.0/5

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: -36.441+/-0.295 χ^2/NDF : 674.8/10

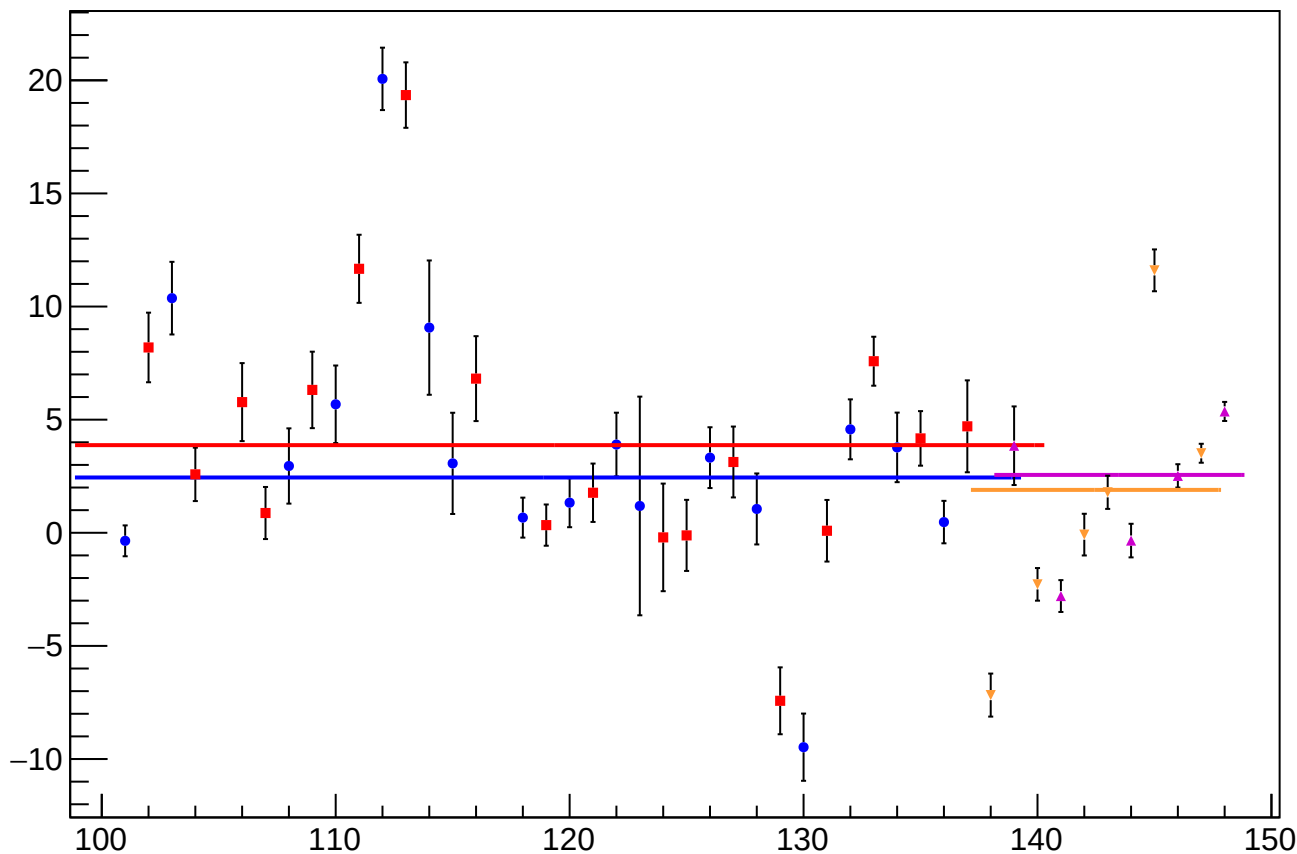
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.630+/-0.422 χ^2/NDF :116.3/4

Out: -35.305+/-0.412 χ^2/NDF :543.0/5

All: -36.441+/-0.295 χ^2/NDF : 674.8/10

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.896 ± 0.278 χ^2/NDF : 254.2/5

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 2.558 ± 0.272 χ^2/NDF : 118.0/4

Left: 2.235 ± 0.194 χ^2/NDF : 375.1/10

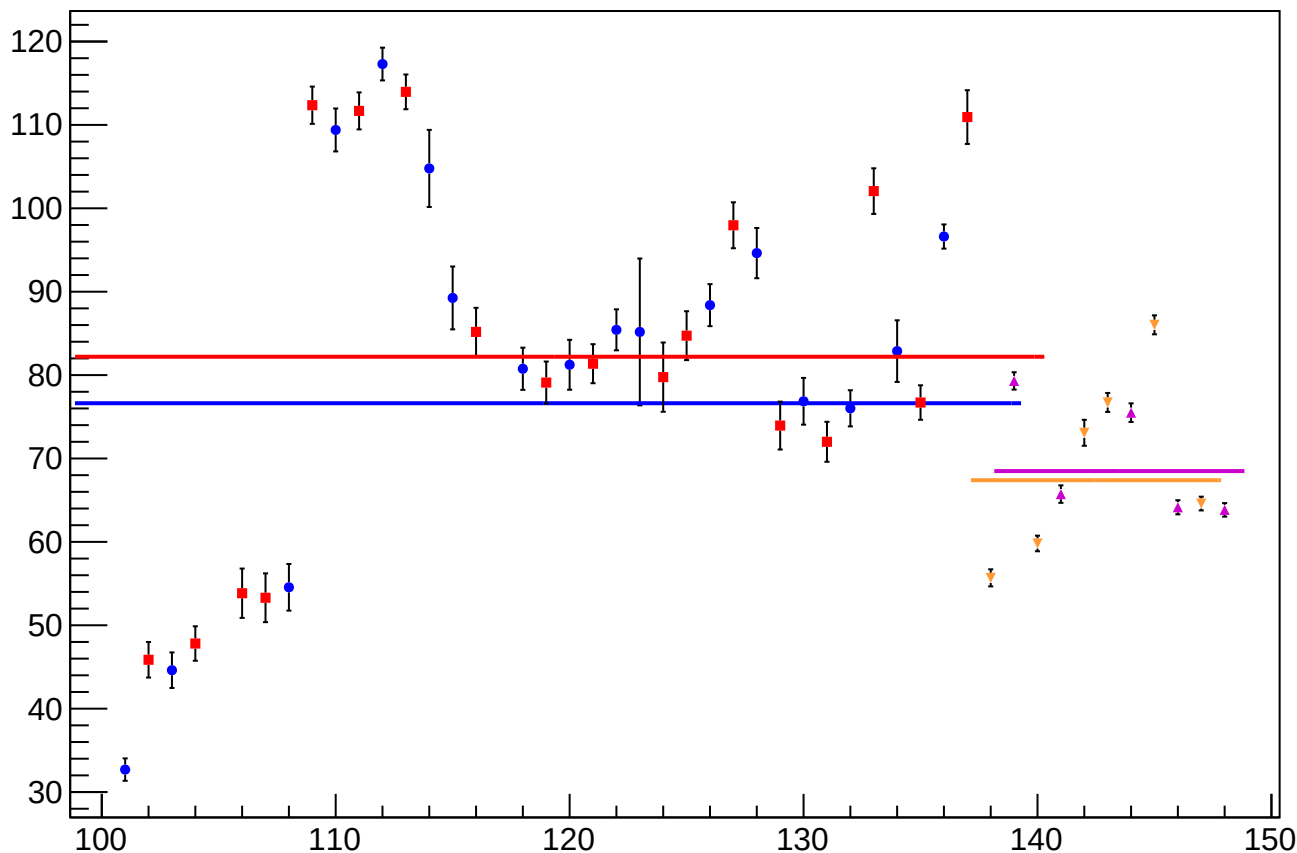
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.509 ± 0.205 χ^2/NDF : 410.8/21

Out: 2.726 ± 0.212 χ^2/NDF : 543.7/23

All: 2.614 ± 0.147 χ^2/NDF : 955.1/45

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 67.395 $\pm$ 0.426 χ^2 /NDF: 556.4/5

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 68.490 $\pm$ 0.425 χ^2 /NDF: 213.0/4

Left: 67.943 $\pm$ 0.301 χ^2 /NDF: 772.6/10

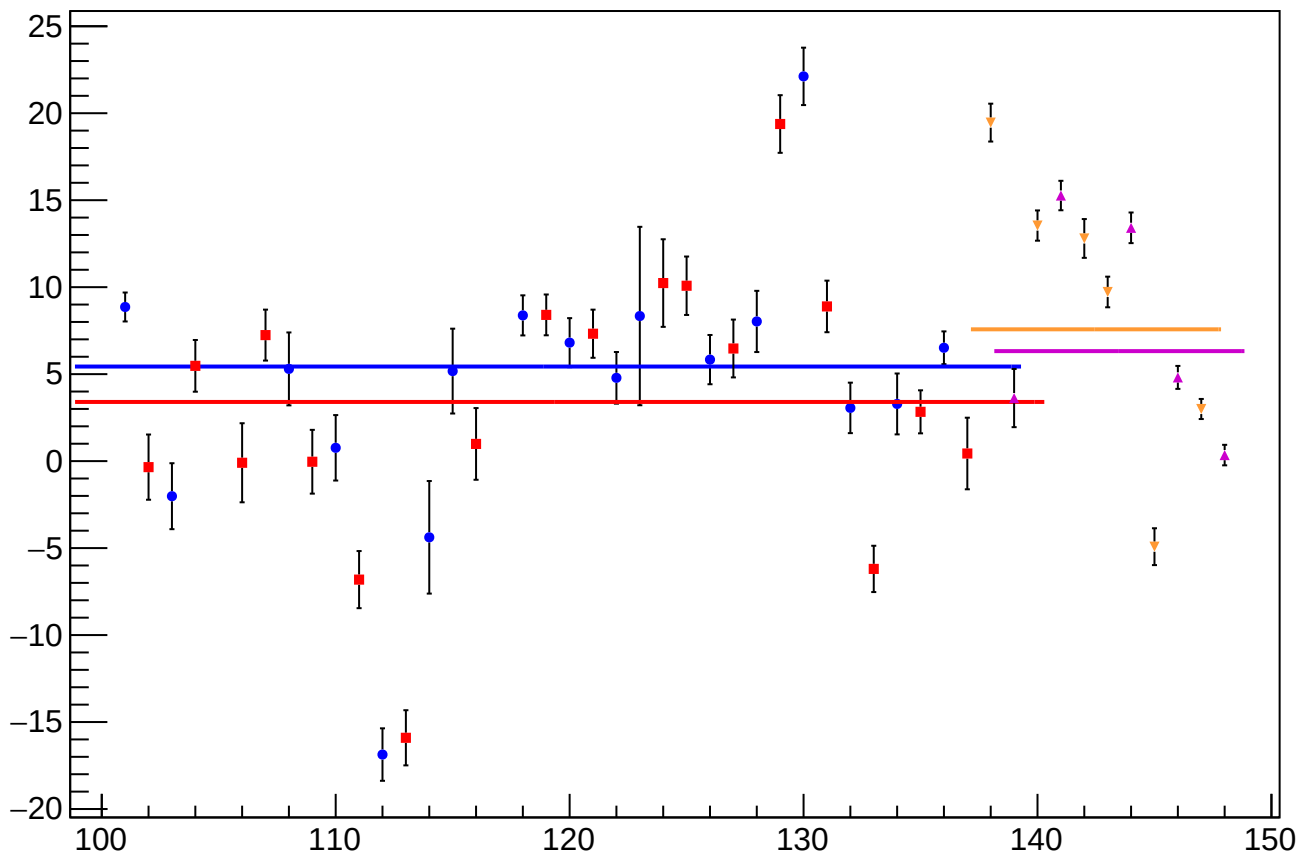
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 71.368 $\pm$ 0.342 χ^2 /NDF: 2605.4/21

Out: 72.429 $\pm$ 0.346 χ^2 /NDF: 2518.1/23

All: 71.892 $\pm$ 0.243 χ^2 /NDF: 5128.3/45

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 7.576 ± 0.350 χ^2/NDF : 396.2/5

Right Out: 3.401 ± 0.375 χ^2/NDF : 420.9/17

Left In: 6.324 ± 0.349 χ^2/NDF : 287.0/4

Left: 6.948 ± 0.247 χ^2/NDF : 689.7/10

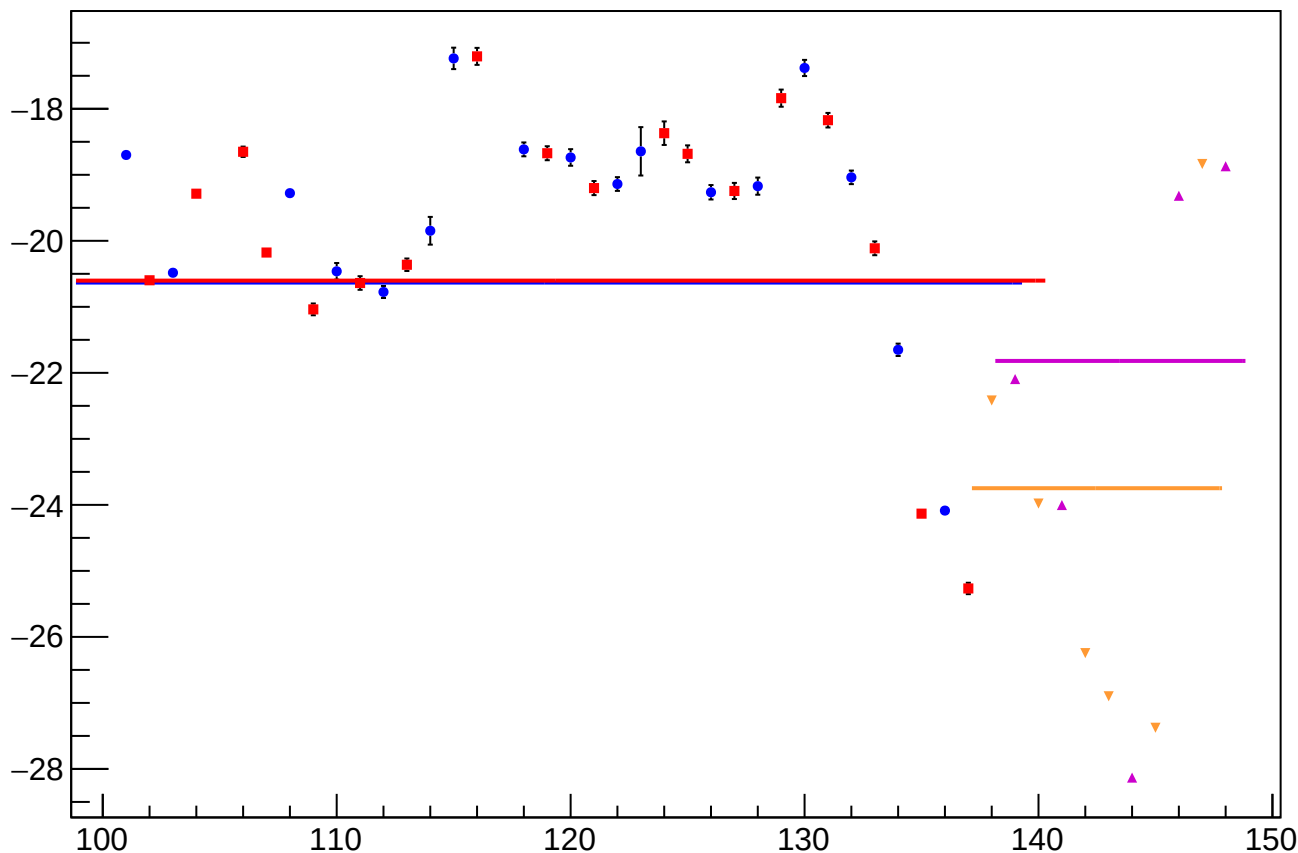
Right: 4.467 ± 0.259 χ^2/NDF : 820.8/34

In: 5.892 ± 0.250 χ^2/NDF : 674.7/21

Out: 5.633 ± 0.256 χ^2/NDF : 883.3/23

All: 5.766 ± 0.179 χ^2/NDF : 1558.5/45

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 χ^2/NDF : 12543.2/16

Left Out: -23.748 ± 0.018 χ^2/NDF : 29958.1/5

Right Out: -20.603 ± 0.019 χ^2/NDF : 11925.8/17

Left In: -21.819 ± 0.018 χ^2/NDF : 30695.3/4

Left: -22.769 ± 0.013 χ^2/NDF : 66501.5/10

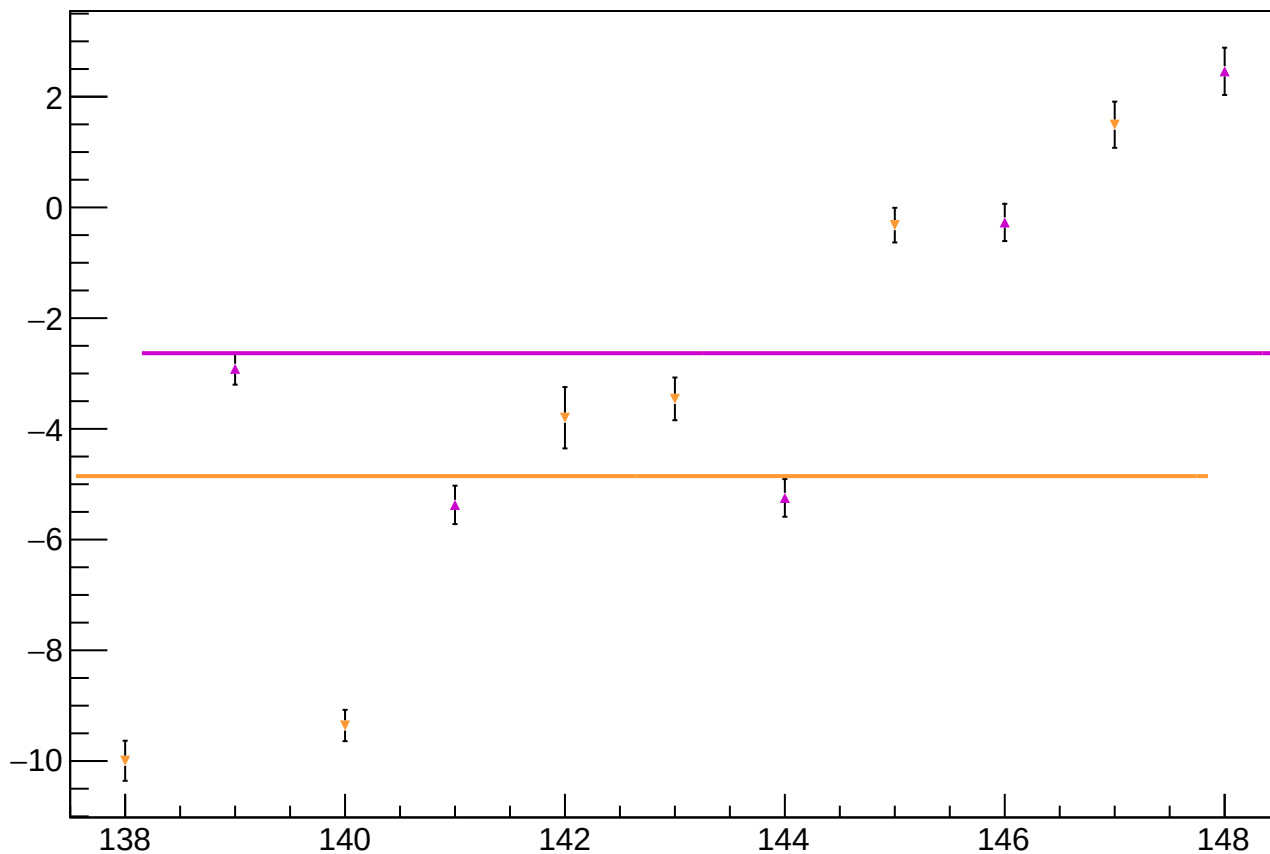
Right: -20.618 ± 0.014 χ^2/NDF : 24470.2/34

In: -21.278 ± 0.013 χ^2/NDF : 45294.0/21

Out: -22.301 ± 0.013 χ^2/NDF : 55976.3/23

All: -21.783 ± 0.009 χ^2/NDF : 104312.0/45

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.854+/-0.147 χ^2/NDF :913.6/5

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: -3.777+/-0.106 χ^2/NDF : 1337.5/10

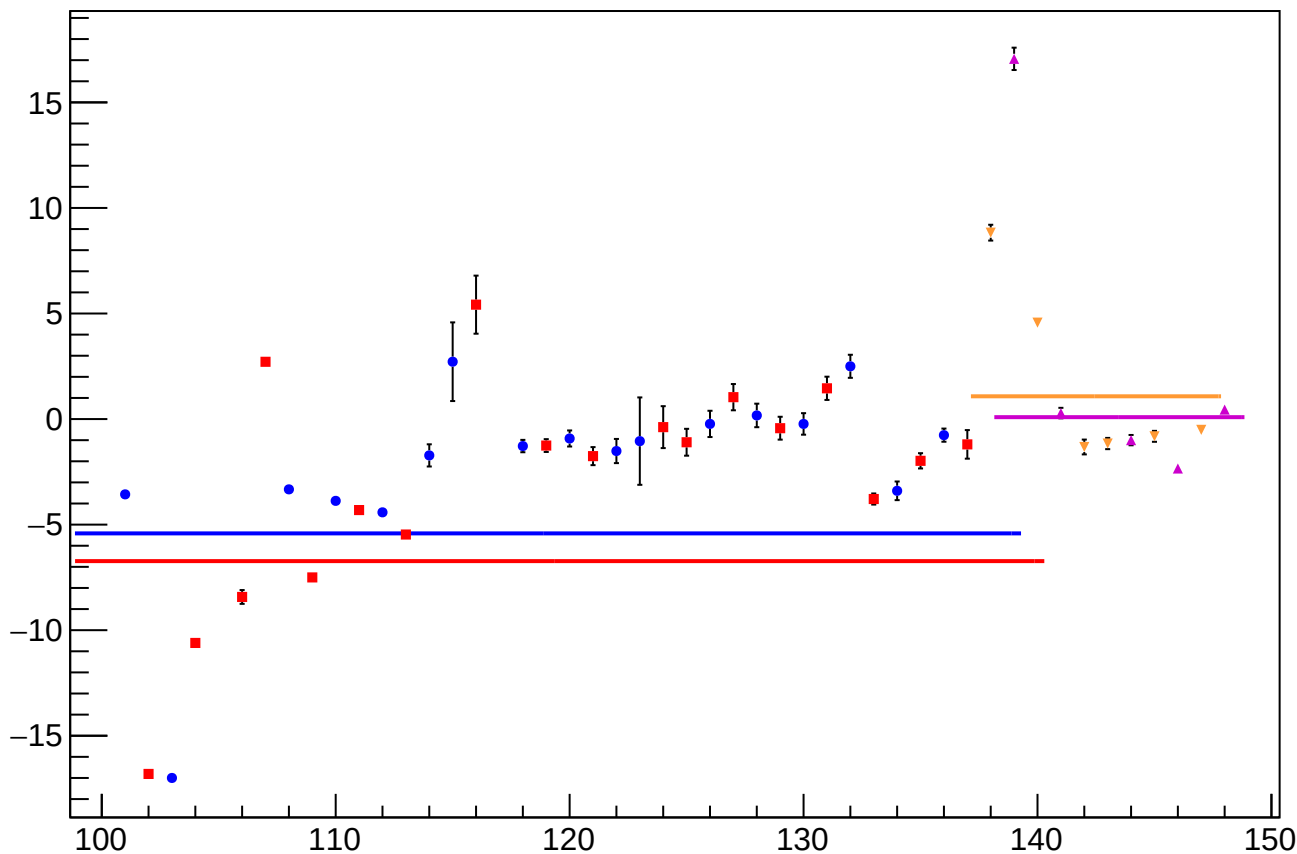
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.633+/-0.152 χ^2/NDF :313.8/4

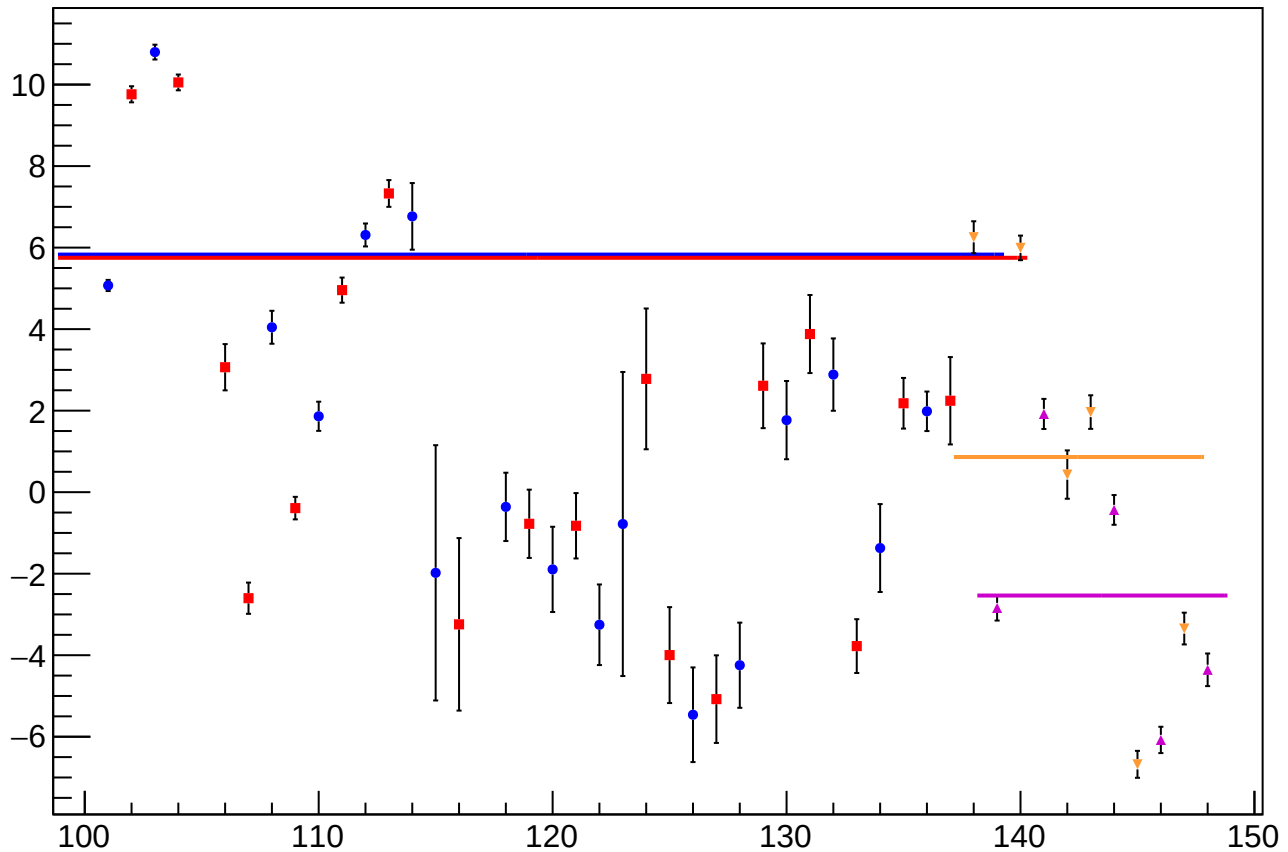
Out: -4.854+/-0.147 χ^2/NDF :913.6/5

All: -3.777+/-0.106 χ^2/NDF : 1337.5/10

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.863 ± 0.154 $\chi^2/\text{NDF}: 1123.1/5$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -2.536 ± 0.156 $\chi^2/\text{NDF}: 321.1/4$

Left: -0.819 ± 0.110 $\chi^2/\text{NDF}: 1684.0/10$

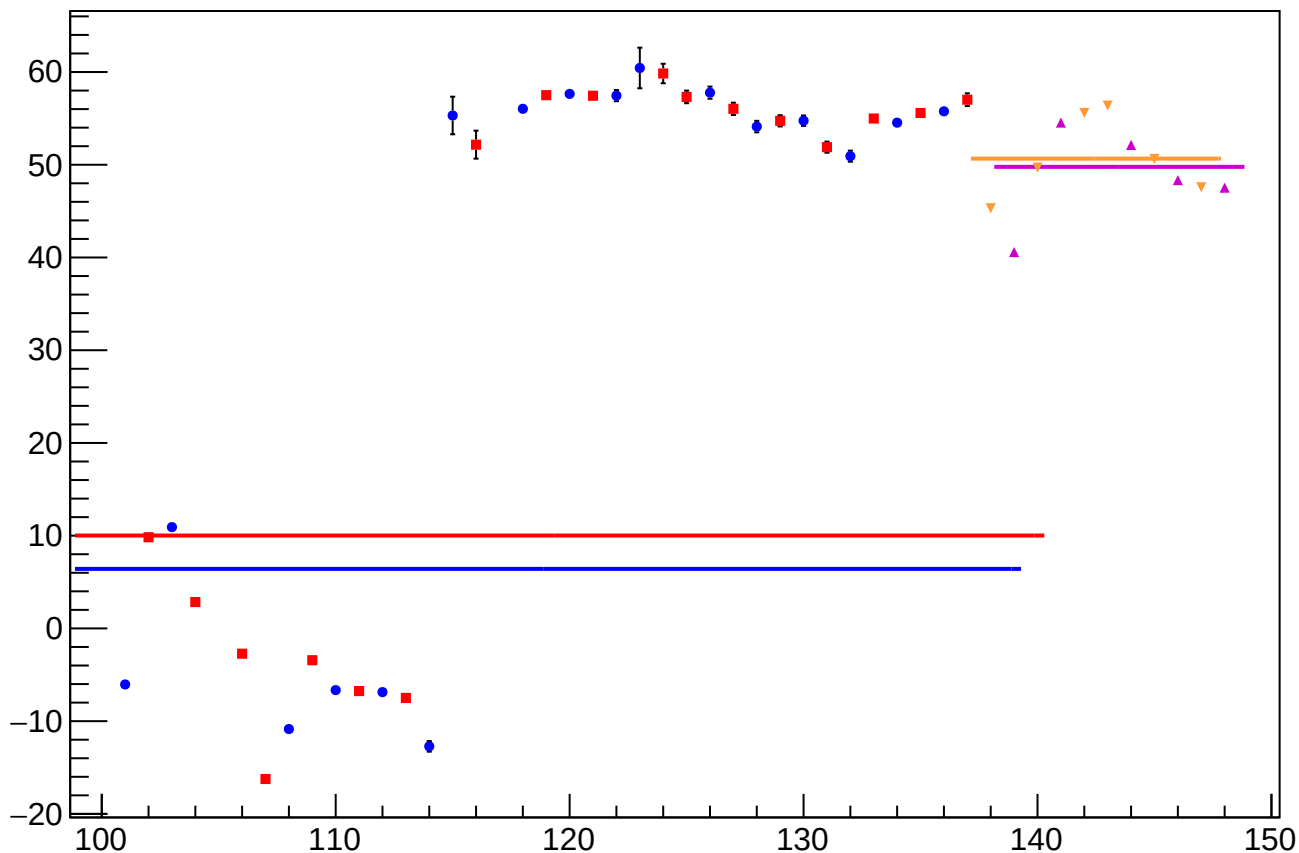
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.752 ± 0.078 $\chi^2/\text{NDF}: 3932.0/21$

Out: 4.382 ± 0.082 $\chi^2/\text{NDF}: 4356.2/23$

All: 4.052 ± 0.056 $\chi^2/\text{NDF}: 8319.4/45$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 50.662+/-0.131 χ^2/NDF : 752.2/5

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.773+/-0.137 χ^2/NDF : 734.8/4

Left: 50.237+/-0.095 χ^2/NDF : 1508.9/10

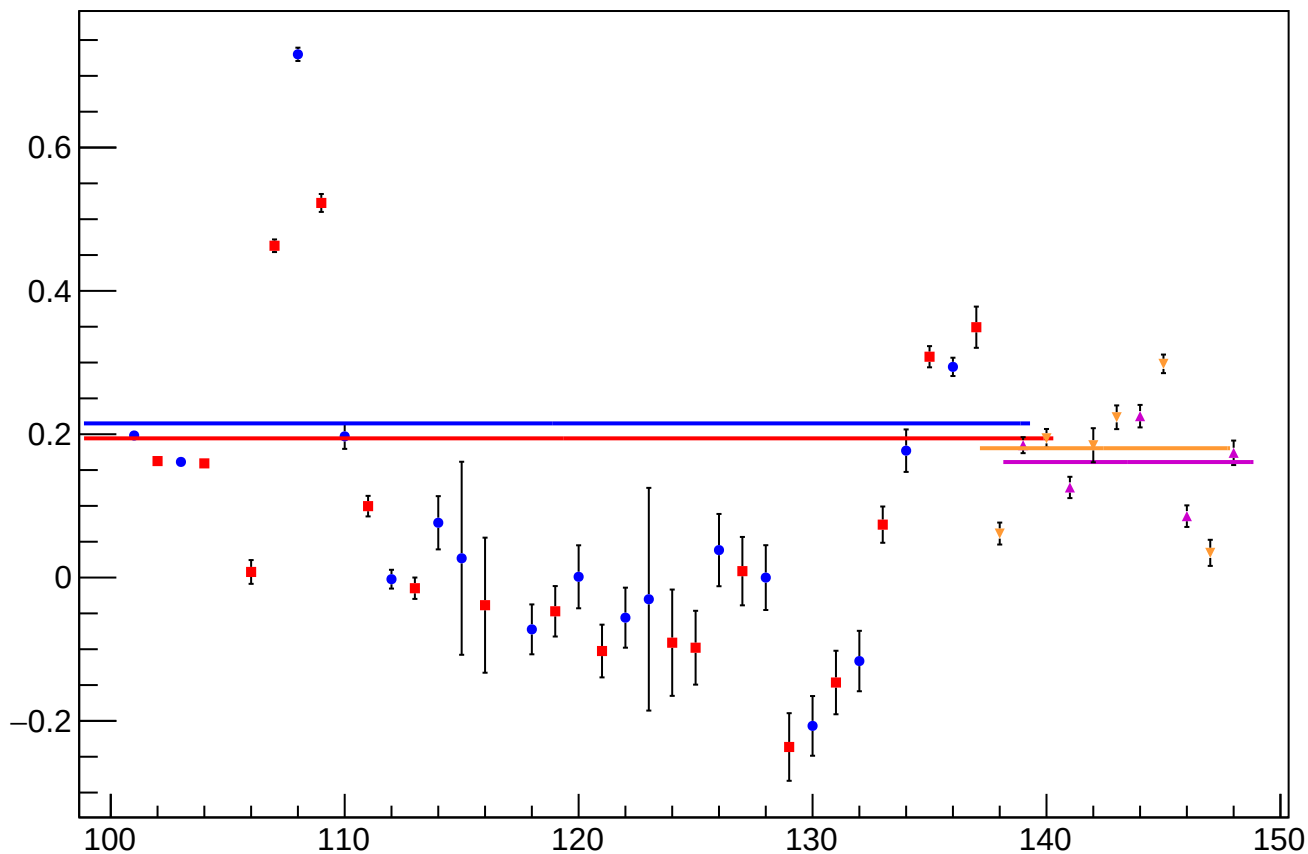
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 14.309+/-0.059 χ^2/NDF : 205455.3/21

Out: 19.150+/-0.062 χ^2/NDF : 197035.9/23

All: 16.581+/-0.043 χ^2/NDF : 405699.3/45

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.180 ± 0.006 $\chi^2/\text{NDF}: 215.1/5$

Right Out: 0.194 ± 0.003 $\chi^2/\text{NDF}: 2520.1/17$

Left In: 0.161 ± 0.006 $\chi^2/\text{NDF}: 52.5/4$

Left: 0.171 ± 0.005 $\chi^2/\text{NDF}: 272.2/10$

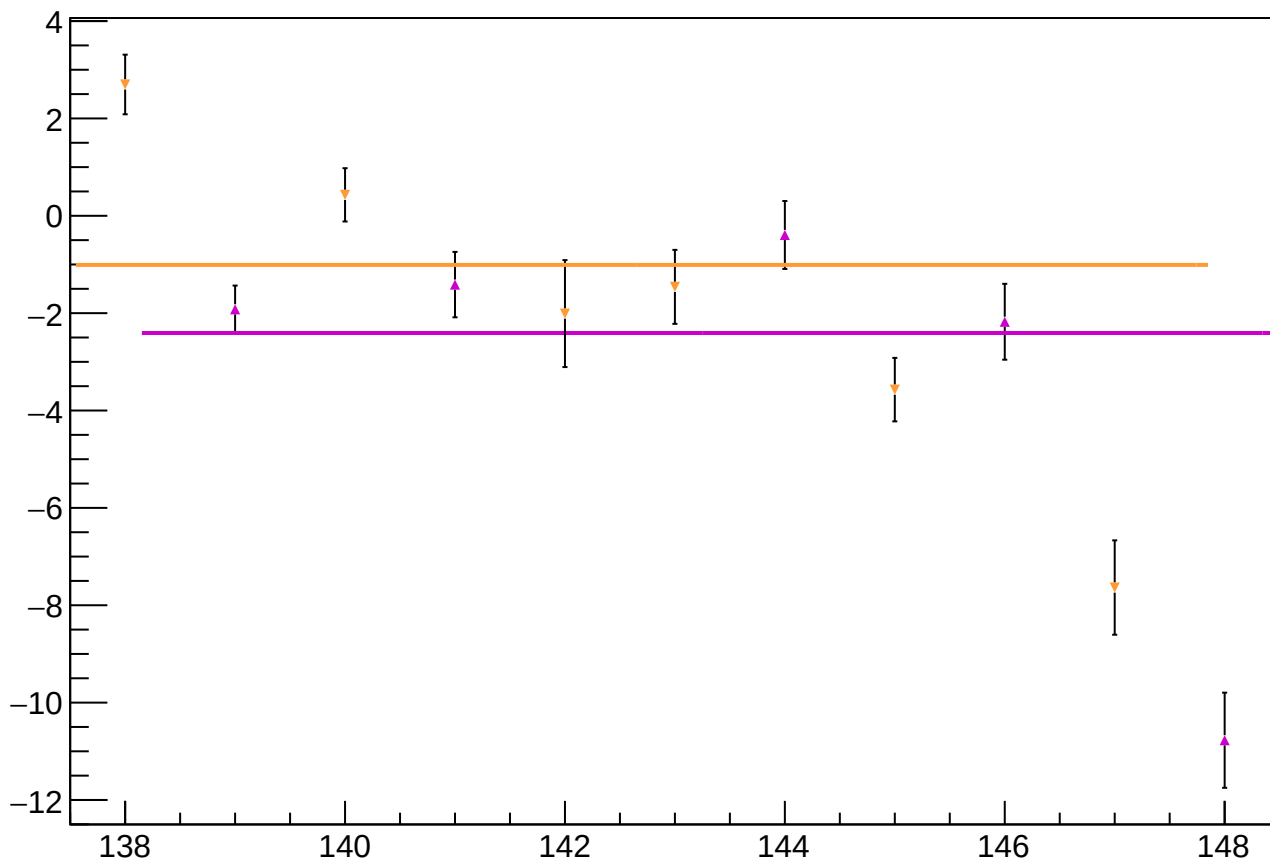
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.207 ± 0.003 $\chi^2/\text{NDF}: 4039.6/21$

Out: 0.192 ± 0.003 $\chi^2/\text{NDF}: 2739.2/23$

All: 0.199 ± 0.002 $\chi^2/\text{NDF}: 6795.2/45$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.009+/-0.289 χ^2/NDF :106.9/5

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: -1.683+/-0.208 χ^2/NDF : 203.1/10

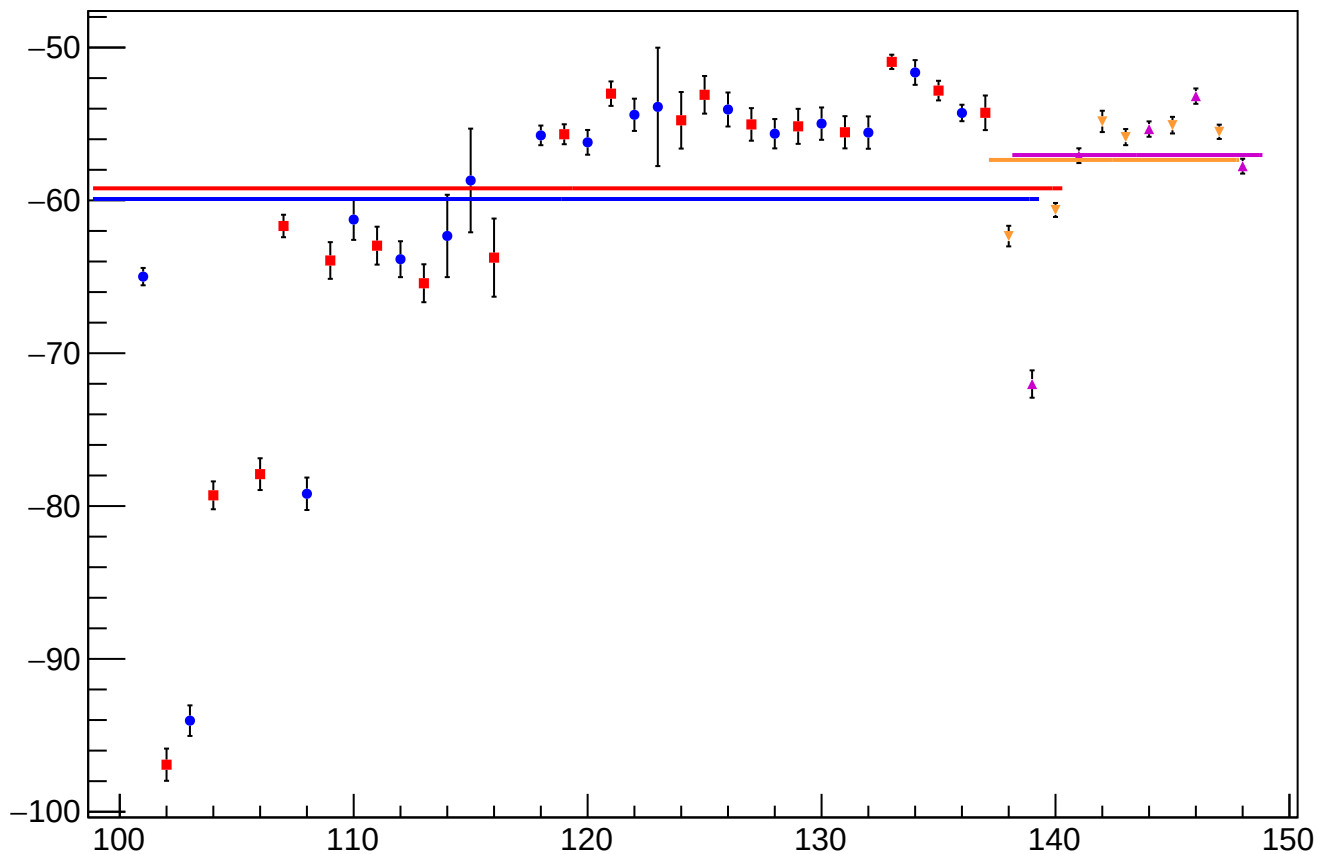
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.407+/-0.299 χ^2/NDF :84.9/4

Out: -1.009+/-0.289 χ^2/NDF :106.9/5

All: -1.683+/-0.208 χ^2/NDF : 203.1/10

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -57.353 ± 0.220 χ^2/NDF : 160.1/5

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -57.033 ± 0.238 χ^2/NDF : 352.7/4

Left: -57.205 ± 0.162 χ^2/NDF : 513.7/10

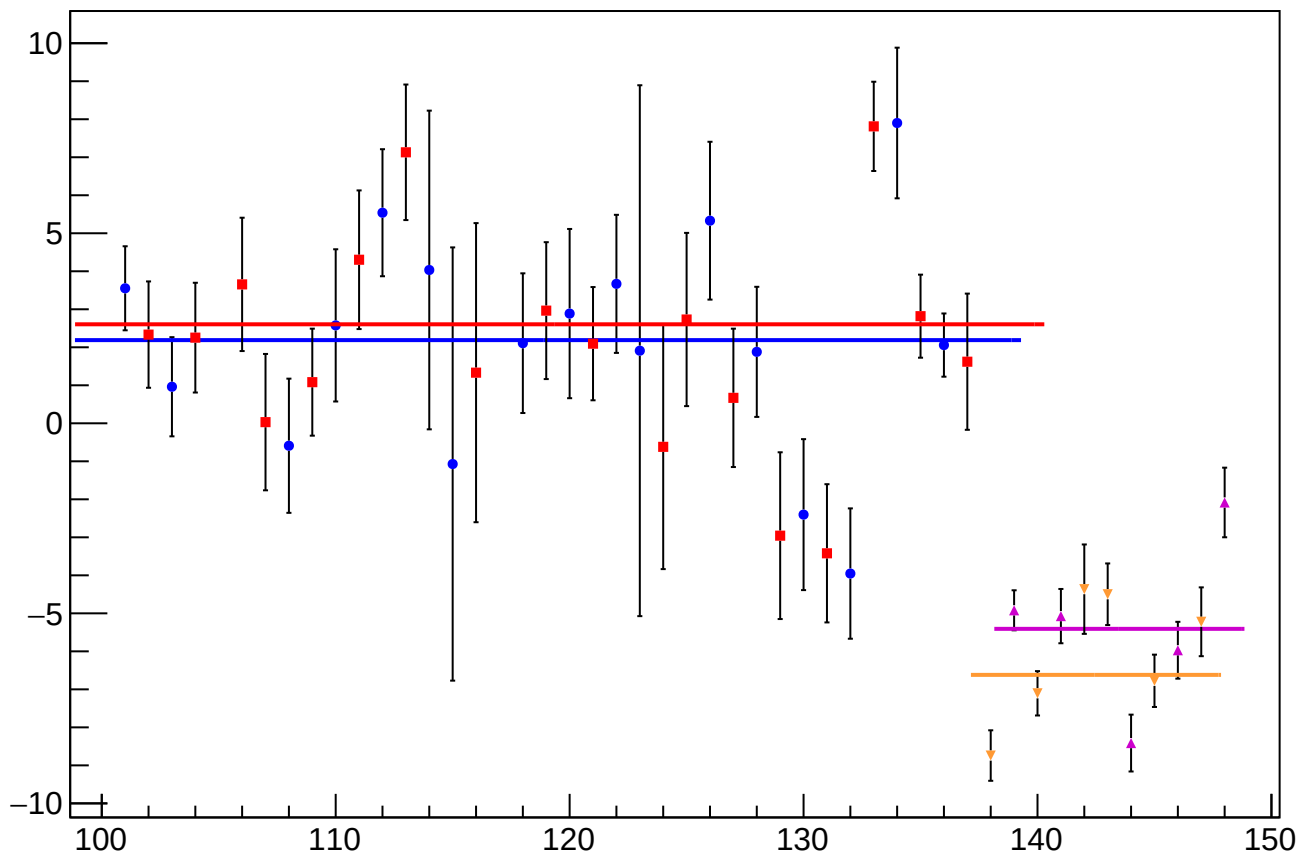
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.563 ± 0.163 χ^2/NDF : 2411.3/21

Out: -58.316 ± 0.153 χ^2/NDF : 2939.9/23

All: -58.432 ± 0.111 χ^2/NDF : 5352.4/45

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.619 ± 0.305 $\chi^2/\text{NDF}: 23.9/5$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -5.408 ± 0.311 $\chi^2/\text{NDF}: 31.0/4$

Left: -6.026 ± 0.218 $\chi^2/\text{NDF}: 62.6/10$

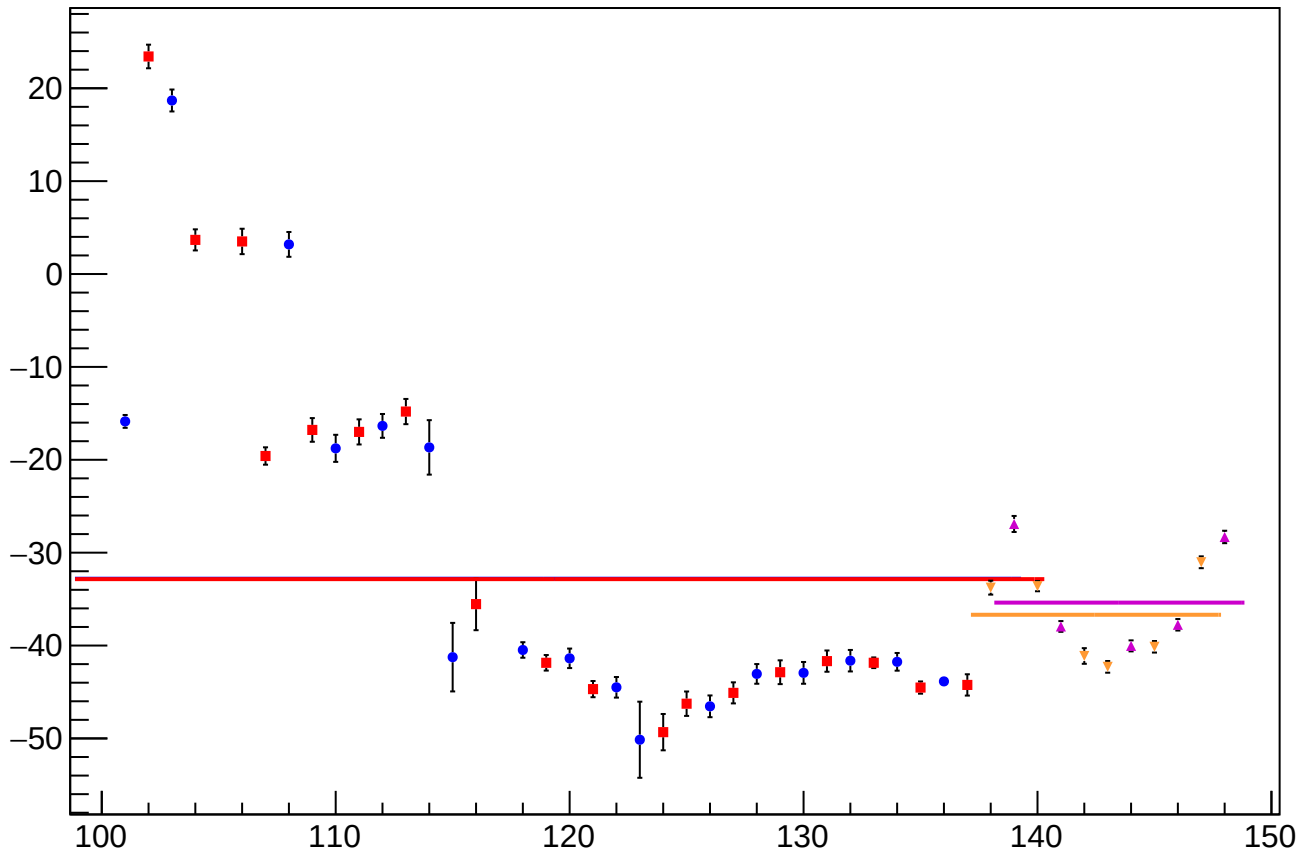
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -2.586 ± 0.247 $\chi^2/\text{NDF}: 291.7/21$

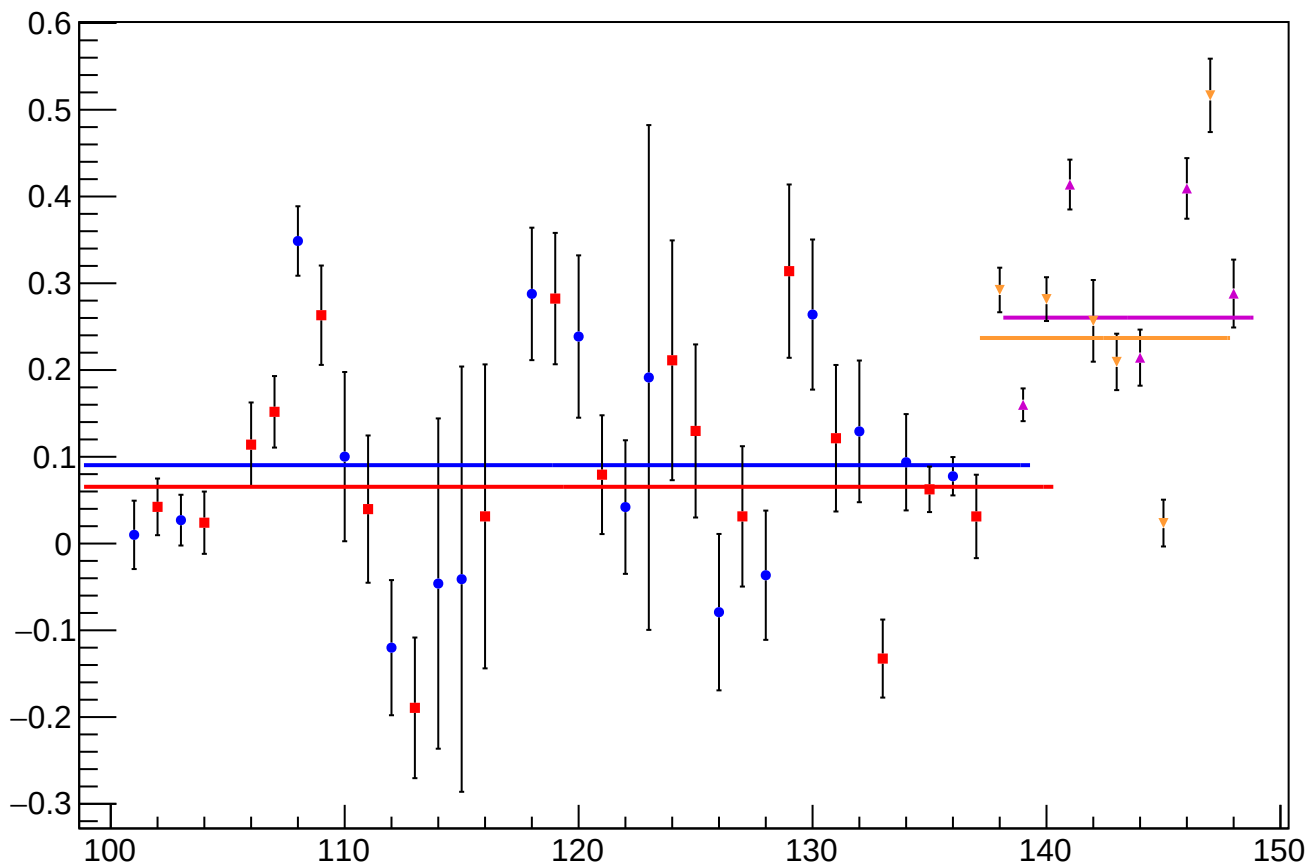
Out: -3.134 ± 0.240 $\chi^2/\text{NDF}: 421.2/23$

All: -2.867 ± 0.172 $\chi^2/\text{NDF}: 715.4/45$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.237 ± 0.012 $\chi^2/\text{NDF}: 115.0/5$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.260 ± 0.012 $\chi^2/\text{NDF}: 77.6/4$

Left: 0.249 ± 0.009 $\chi^2/\text{NDF}: 194.3/10$

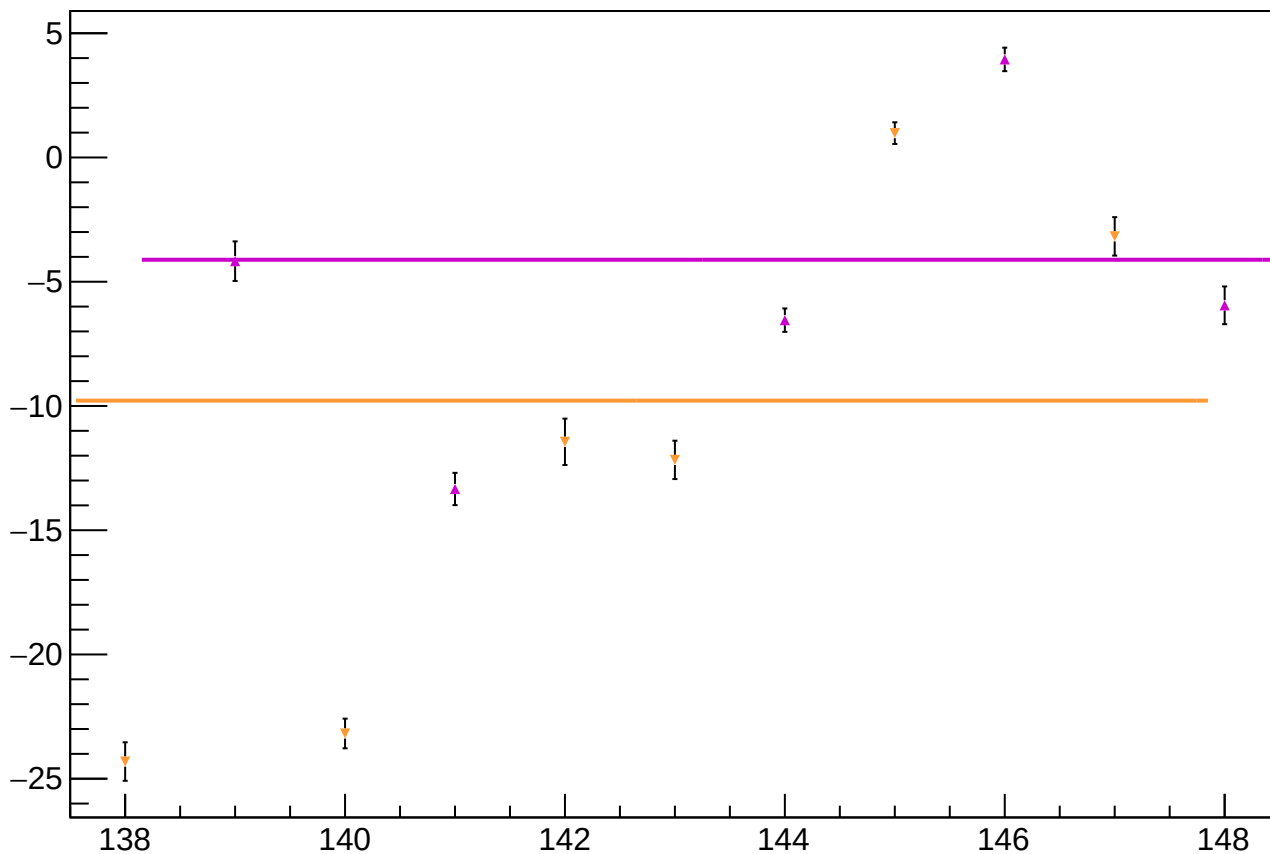
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.177 ± 0.009 $\chi^2/\text{NDF}: 248.1/21$

Out: 0.149 ± 0.009 $\chi^2/\text{NDF}: 276.9/23$

All: 0.163 ± 0.006 $\chi^2/\text{NDF}: 529.9/45$

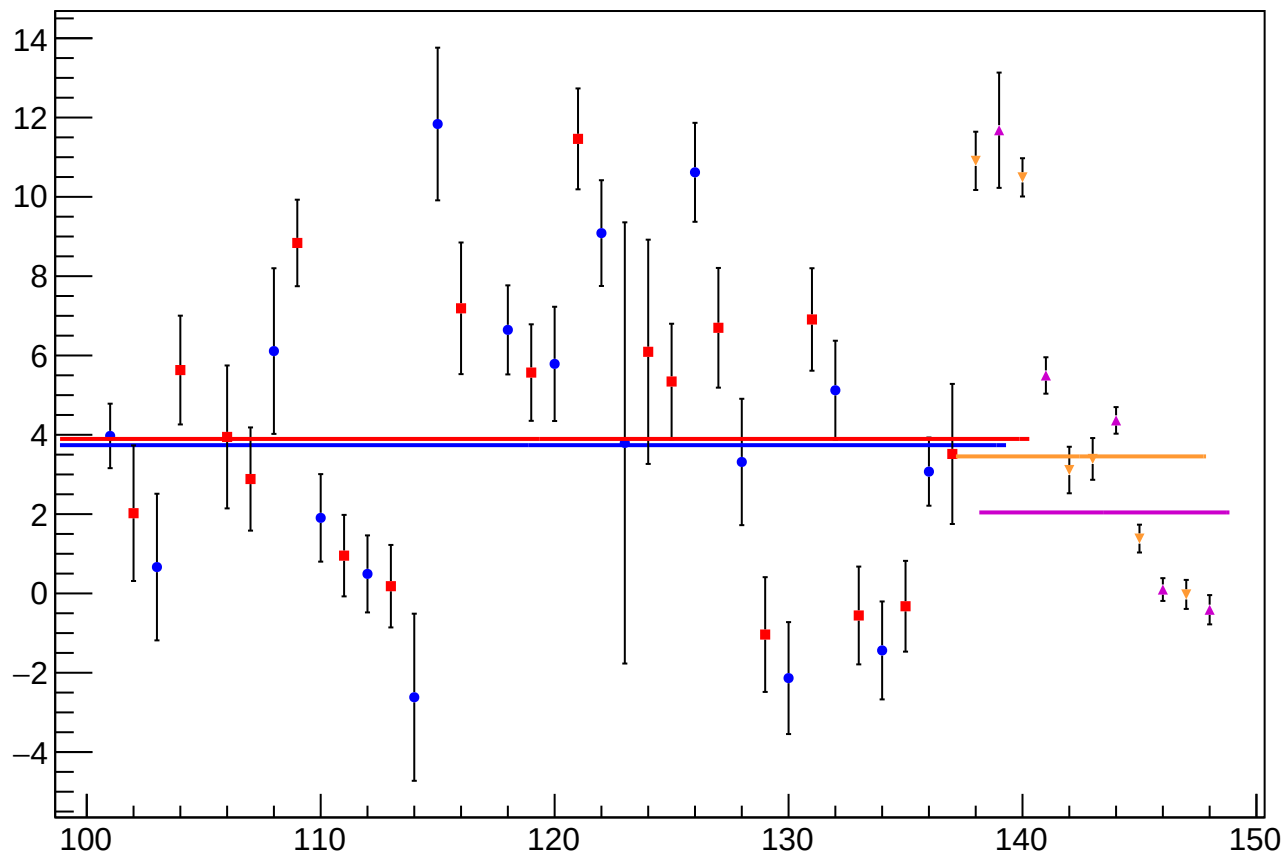
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.784+/-0.265 χ^2/NDF :1551.0/5
 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: -6.908+/-0.186 χ^2/NDF : 2308.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.116+/-0.261 χ^2/NDF :525.4/4
 Out: -9.784+/-0.265 χ^2/NDF :1551.0/5
 All: -6.908+/-0.186 χ^2/NDF : 2308.6/10

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 3.455 $\pm$ 0.188 χ^2 /NDF:441.3/5

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 2.042 $\pm$ 0.173 χ^2 /NDF:238.6/4

Left: 2.688 $\pm$ 0.127 χ^2 /NDF: 710.5/10

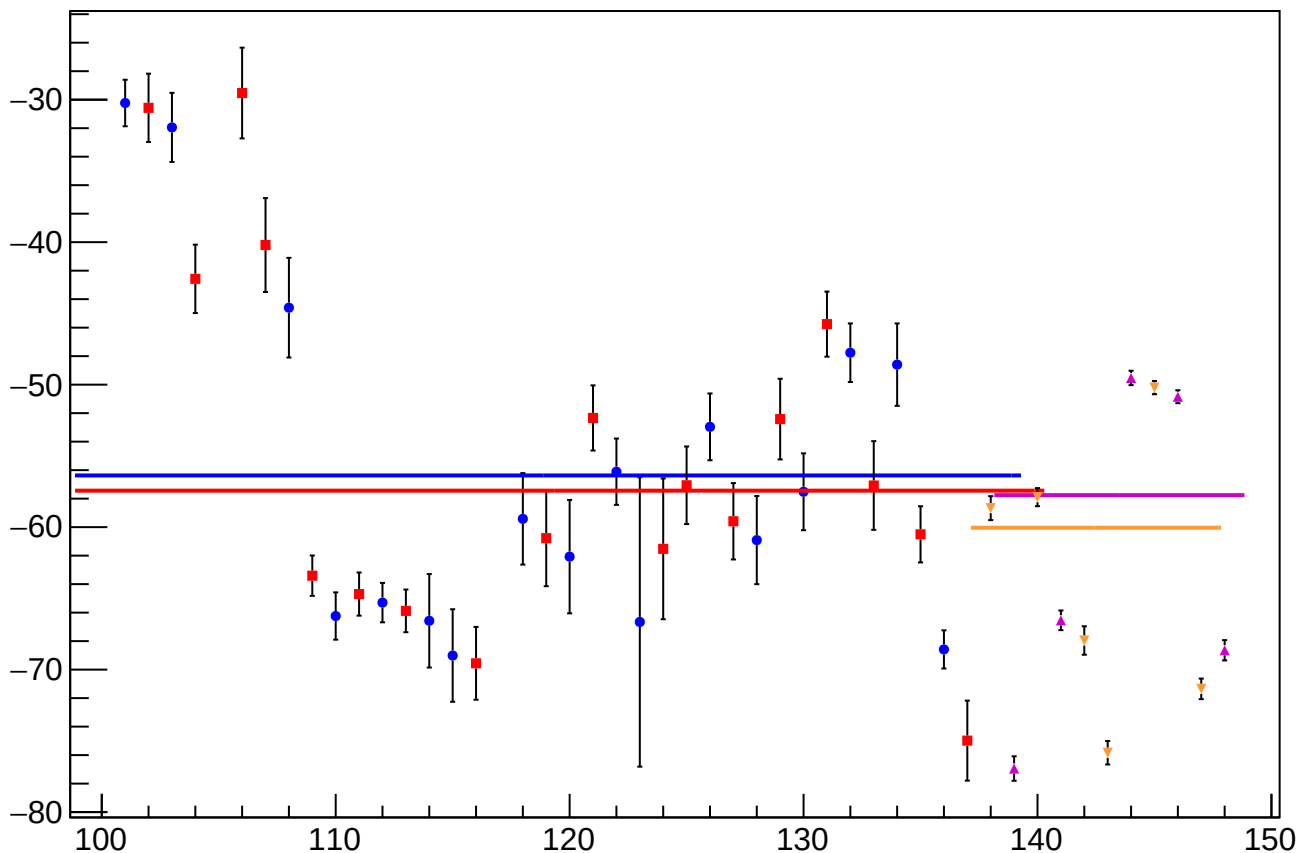
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.445 $\pm$ 0.151 χ^2 /NDF:398.4/21

Out: 3.570 $\pm$ 0.162 χ^2 /NDF:577.6/23

All: 2.968 $\pm$ 0.110 χ^2 /NDF: 1002.0/45

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -60.042 ± 0.278 χ^2/NDF : 1140.5/5

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -57.756 ± 0.265 χ^2/NDF : 1390.1/4

Left: -58.846 ± 0.192 χ^2/NDF : 2566.1/10

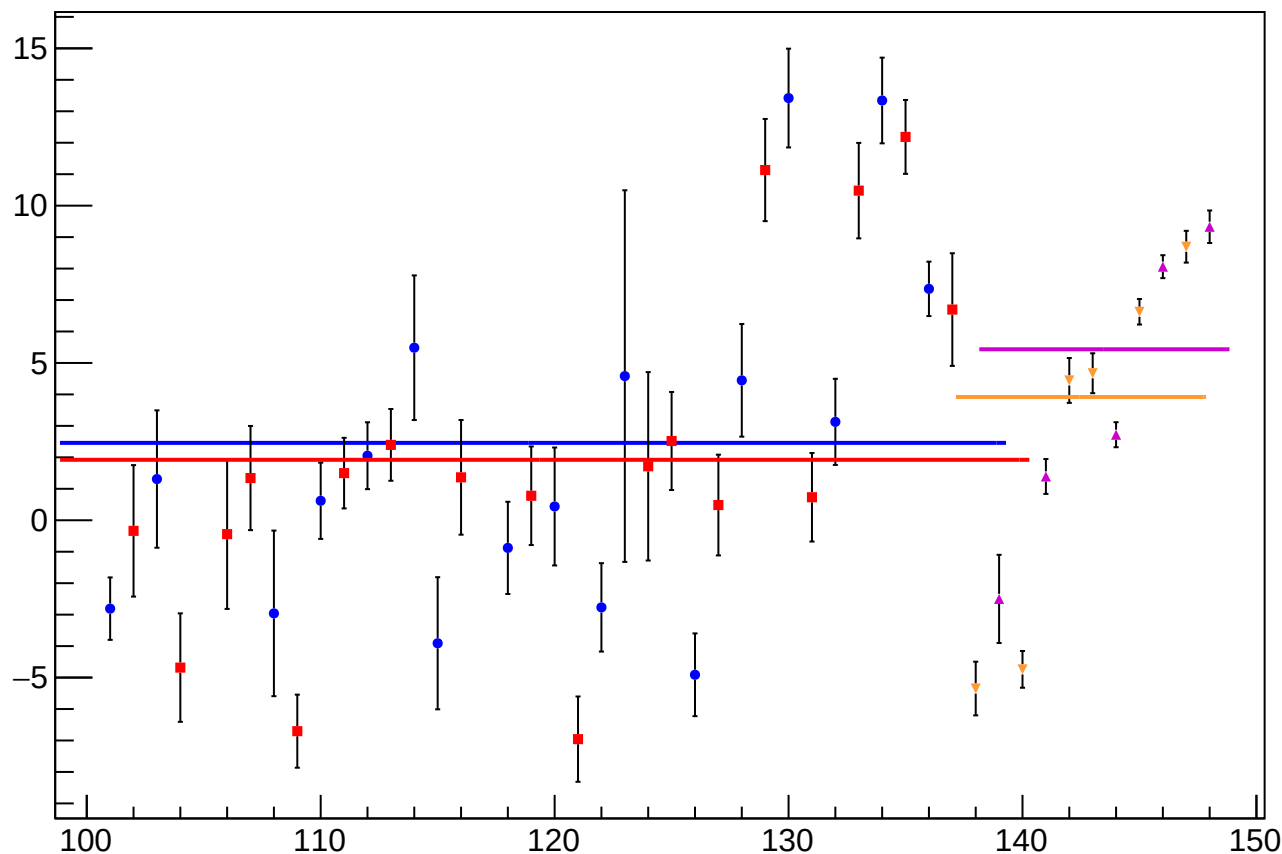
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -57.489 ± 0.238 χ^2/NDF : 1983.0/21

Out: -59.492 ± 0.247 χ^2/NDF : 1600.0/23

All: -58.456 ± 0.171 χ^2/NDF : 3617.1/45

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 3.919 ± 0.231 χ^2/NDF : 473.8/5

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.435 ± 0.216 χ^2/NDF : 240.5/4

Left: 4.726 ± 0.158 χ^2/NDF : 737.3/10

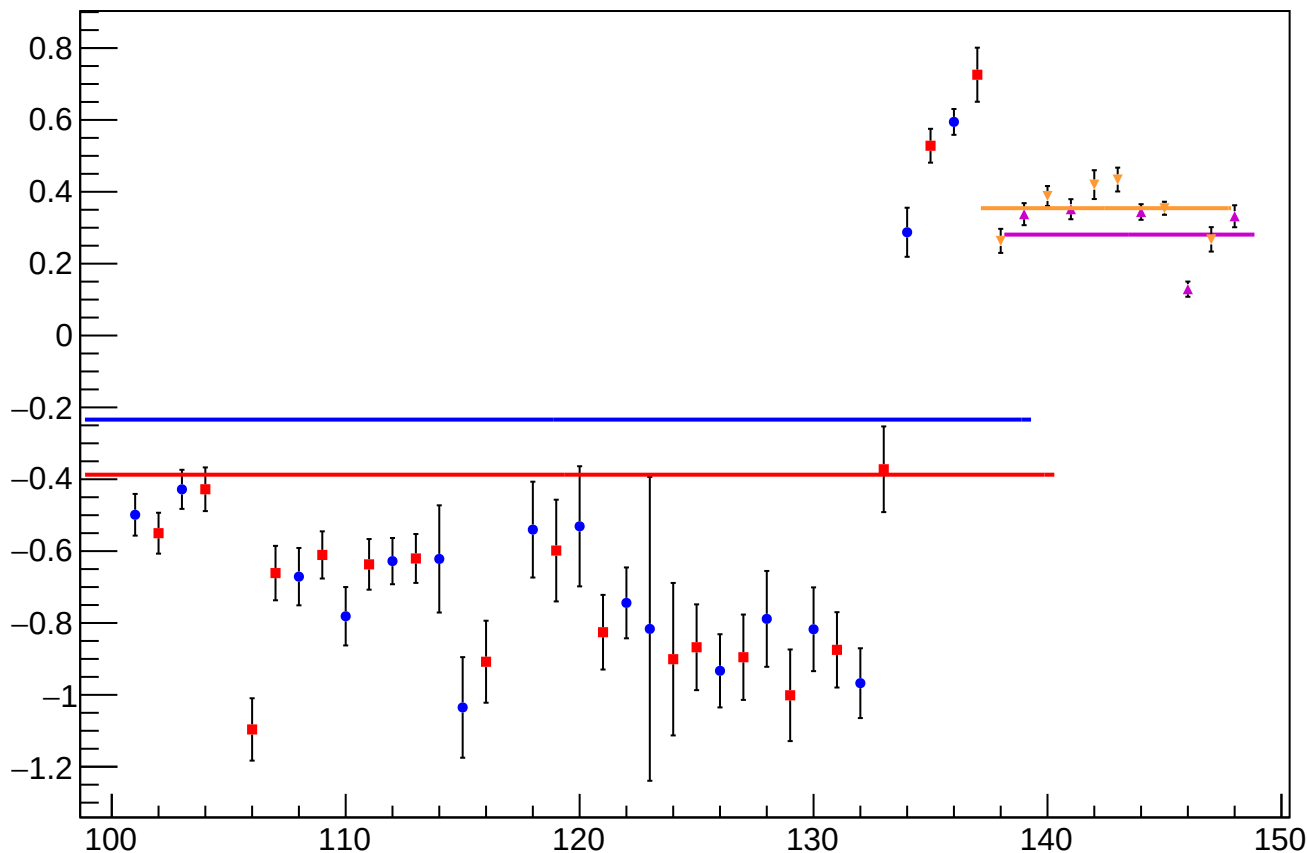
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 4.599 ± 0.184 χ^2/NDF : 537.6/21

Out: 3.326 ± 0.194 χ^2/NDF : 761.1/23

All: 3.996 ± 0.133 χ^2/NDF : 1321.5/45

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.354 ± 0.011 χ^2/NDF : 23.8/5

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.281 ± 0.011 χ^2/NDF : 72.5/4

Left: 0.317 ± 0.008 χ^2/NDF : 117.1/10

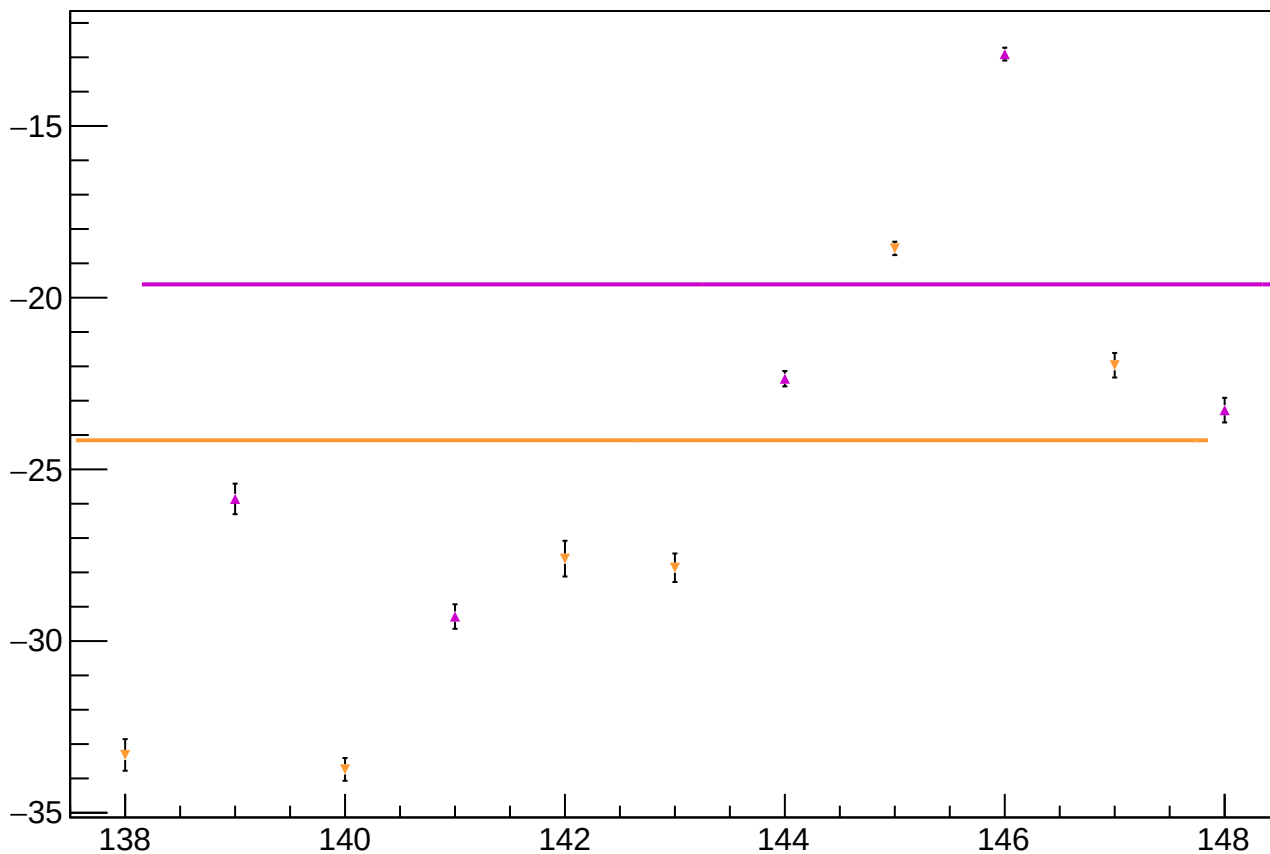
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.144 ± 0.010 χ^2/NDF : 1576.4/21

Out: 0.157 ± 0.010 χ^2/NDF : 1987.4/23

All: 0.150 ± 0.007 χ^2/NDF : 3564.6/45

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.153+/-0.132 χ^2/NDF :2213.8/5

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: -21.672+/-0.089 χ^2/NDF : 5327.9/10

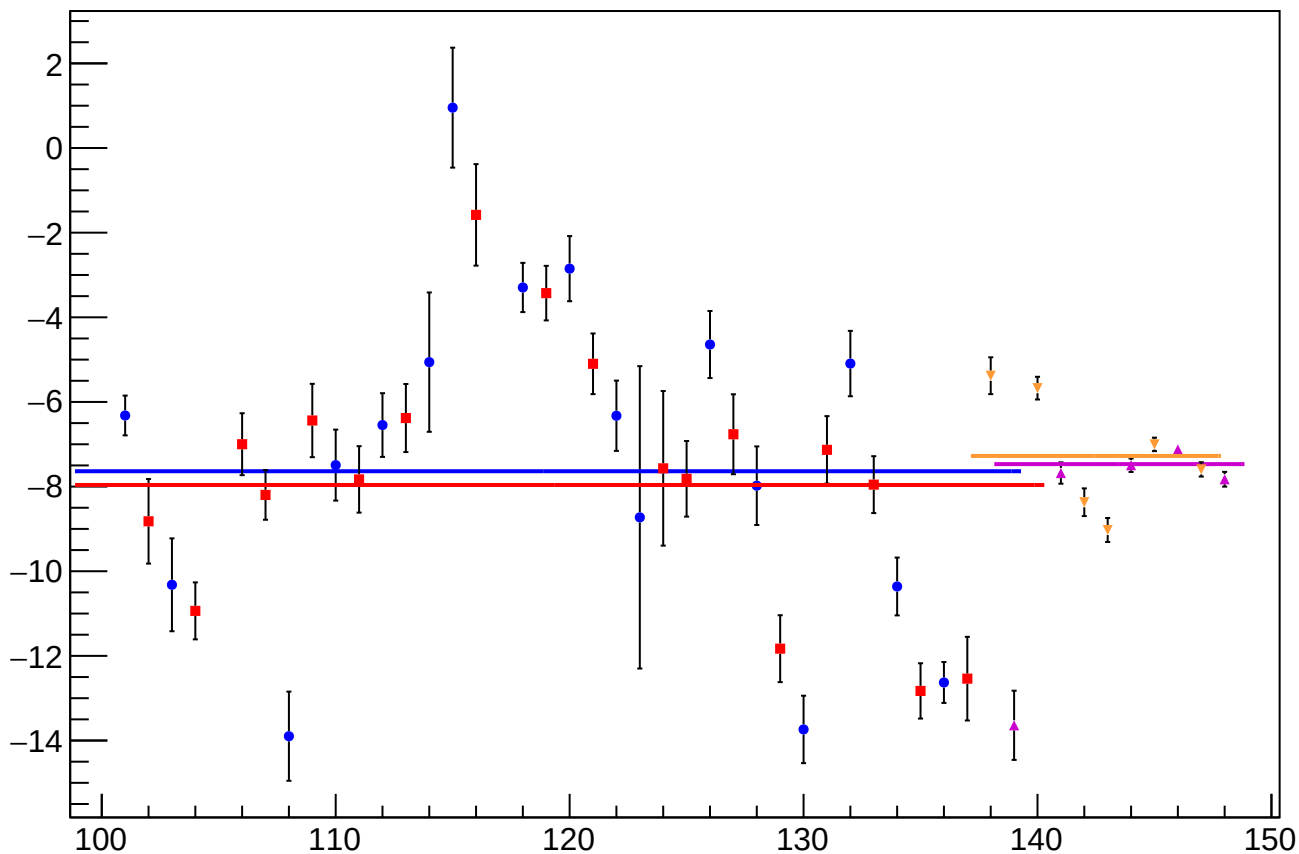
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.613+/-0.120 χ^2/NDF :2467.1/4

Out: -24.153+/-0.132 χ^2/NDF :2213.8/5

All: -21.672+/-0.089 χ^2/NDF : 5327.9/10

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.276 ± 0.093 χ^2/NDF : 110.3/5

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.469 ± 0.078 χ^2/NDF : 70.7/4

Left: -7.389 ± 0.060 χ^2/NDF : 183.5/10

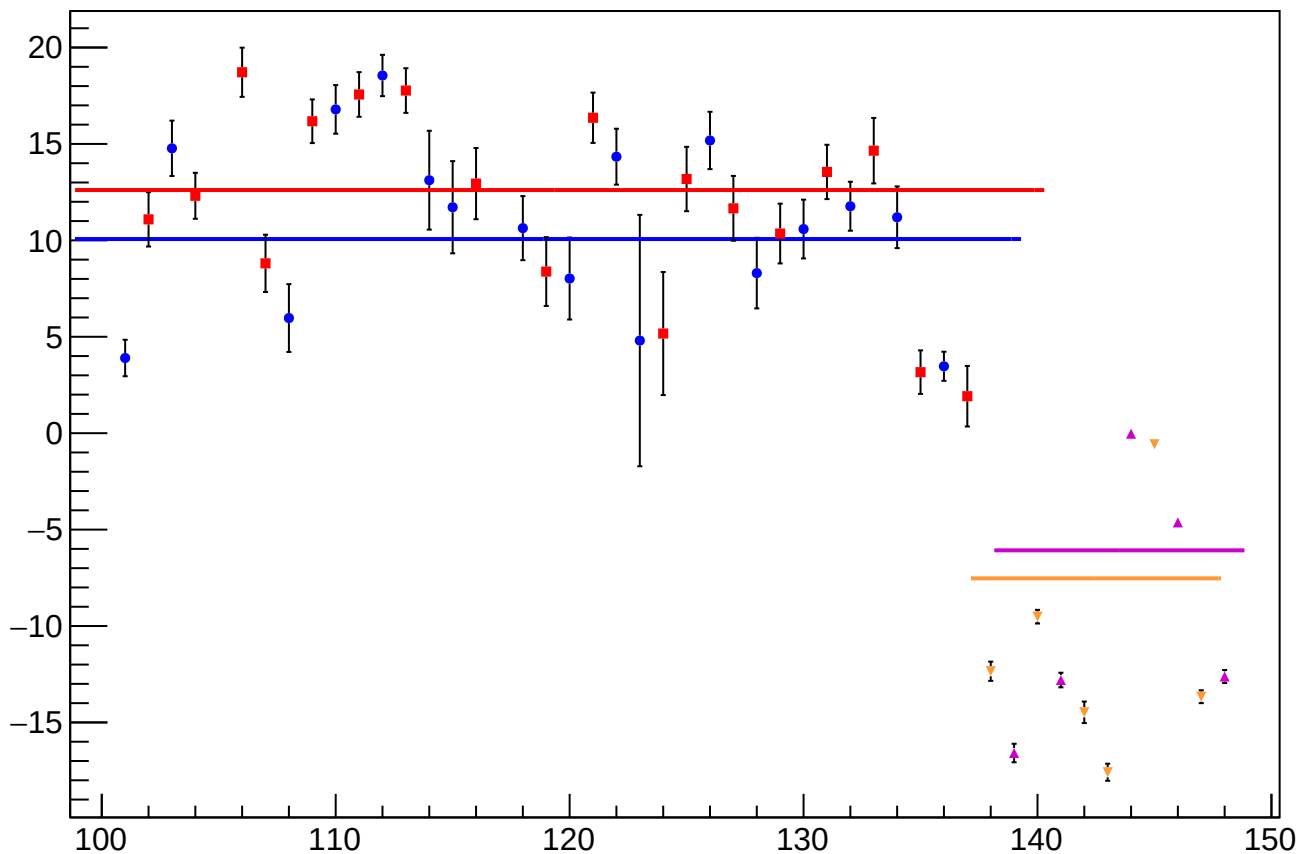
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.494 ± 0.072 χ^2/NDF : 465.3/21

Out: -7.414 ± 0.083 χ^2/NDF : 347.8/23

All: -7.460 ± 0.055 χ^2/NDF : 813.7/45

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -7.529 ± 0.138 χ^2/NDF : 2270.5/5

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -6.075 ± 0.121 χ^2/NDF : 1873.2/4

Left: -6.709 ± 0.091 χ^2/NDF : 4206.6/10

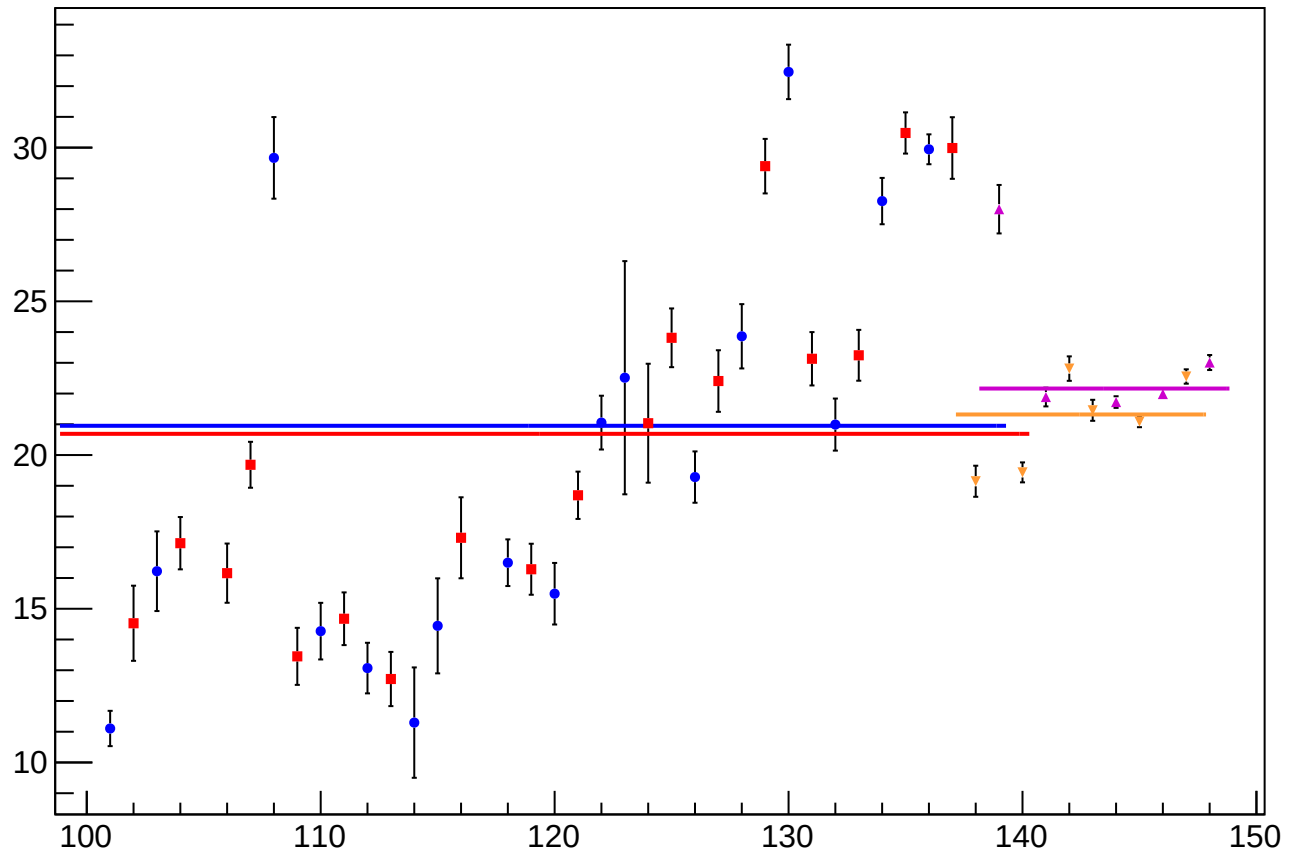
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -4.237 ± 0.114 χ^2/NDF : 4155.2/21

Out: -4.595 ± 0.127 χ^2/NDF : 5611.8/23

All: -4.396 ± 0.085 χ^2/NDF : 9771.4/45

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.320 $\pm$ 0.115 χ^2 /NDF: 95.8/5

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.163 $\pm$ 0.098 χ^2 /NDF: 74.5/4

Left: 21.805 $\pm$ 0.075 χ^2 /NDF: 201.5/10

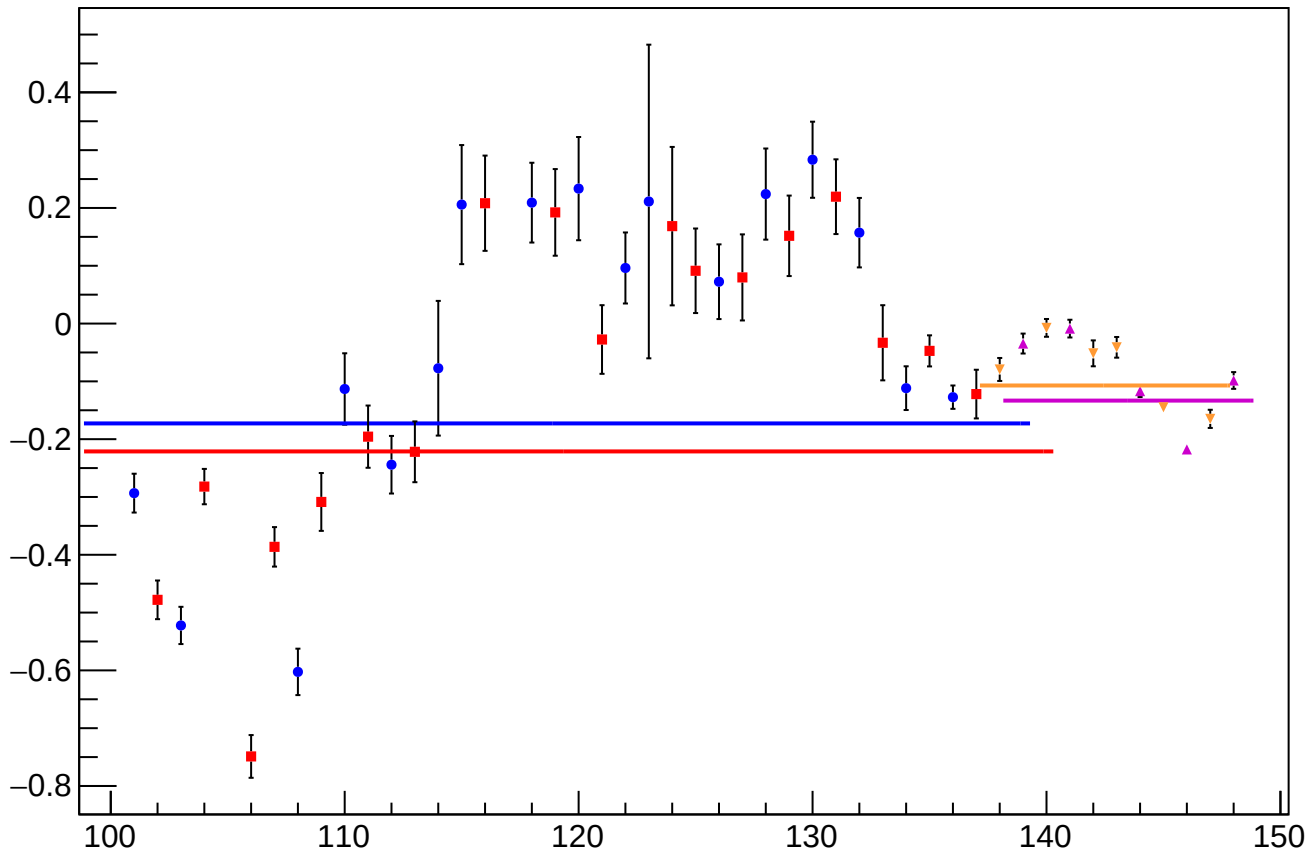
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.945 $\pm$ 0.089 χ^2 /NDF: 1324.6/21

Out: 21.178 $\pm$ 0.101 χ^2 /NDF: 829.5/23

All: 21.609 $\pm$ 0.067 χ^2 /NDF: 2186.6/45

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.107 ± 0.006 χ^2/NDF : 98.8/5

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.133 ± 0.005 χ^2/NDF : 207.1/4

Left: -0.121 ± 0.004 χ^2/NDF : 317.3/10

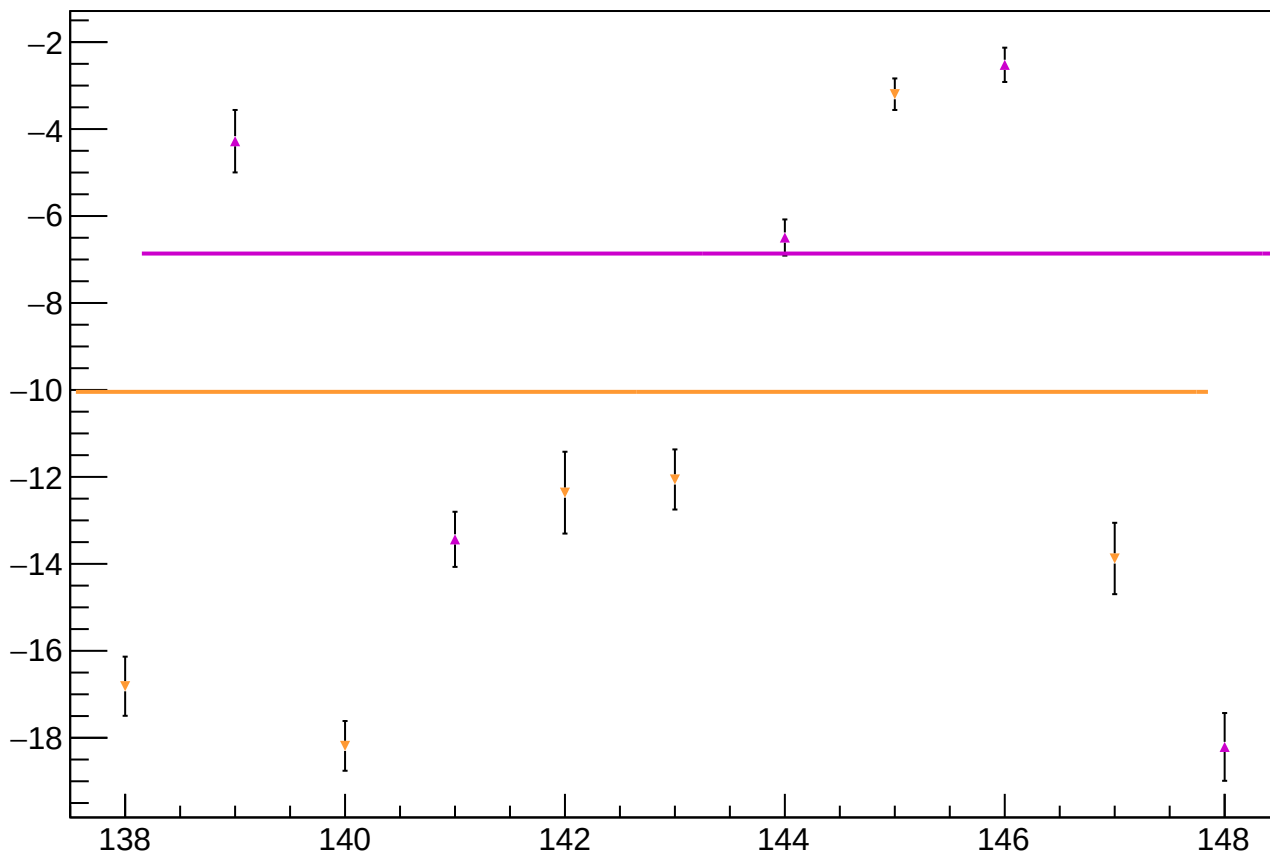
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.140 ± 0.005 χ^2/NDF : 677.6/21

Out: -0.131 ± 0.005 χ^2/NDF : 719.3/23

All: -0.136 ± 0.003 χ^2/NDF : 1398.7/45

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.044+/-0.239 χ^2/NDF : 694.3/5

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: -8.420+/-0.167 χ^2/NDF : 1239.1/10

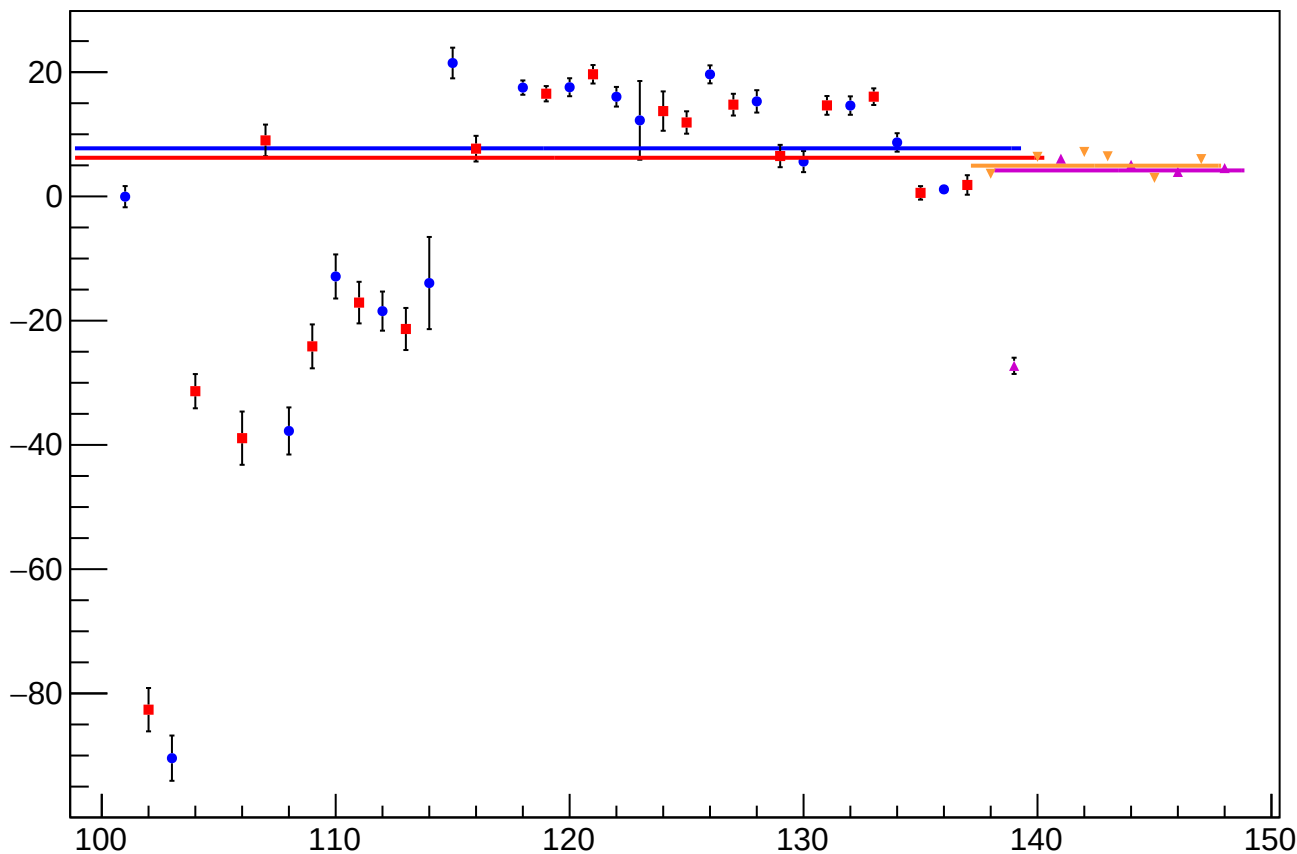
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.863+/-0.234 χ^2/NDF : 454.3/4

Out: -10.044+/-0.239 χ^2/NDF : 694.3/5

All: -8.420+/-0.167 χ^2/NDF : 1239.1/10

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.948 ± 0.174 $\chi^2/\text{NDF}: 91.1/5$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.183 ± 0.159 $\chi^2/\text{NDF}: 607.9/4$

Left: 4.530 ± 0.117 $\chi^2/\text{NDF}: 709.5/10$

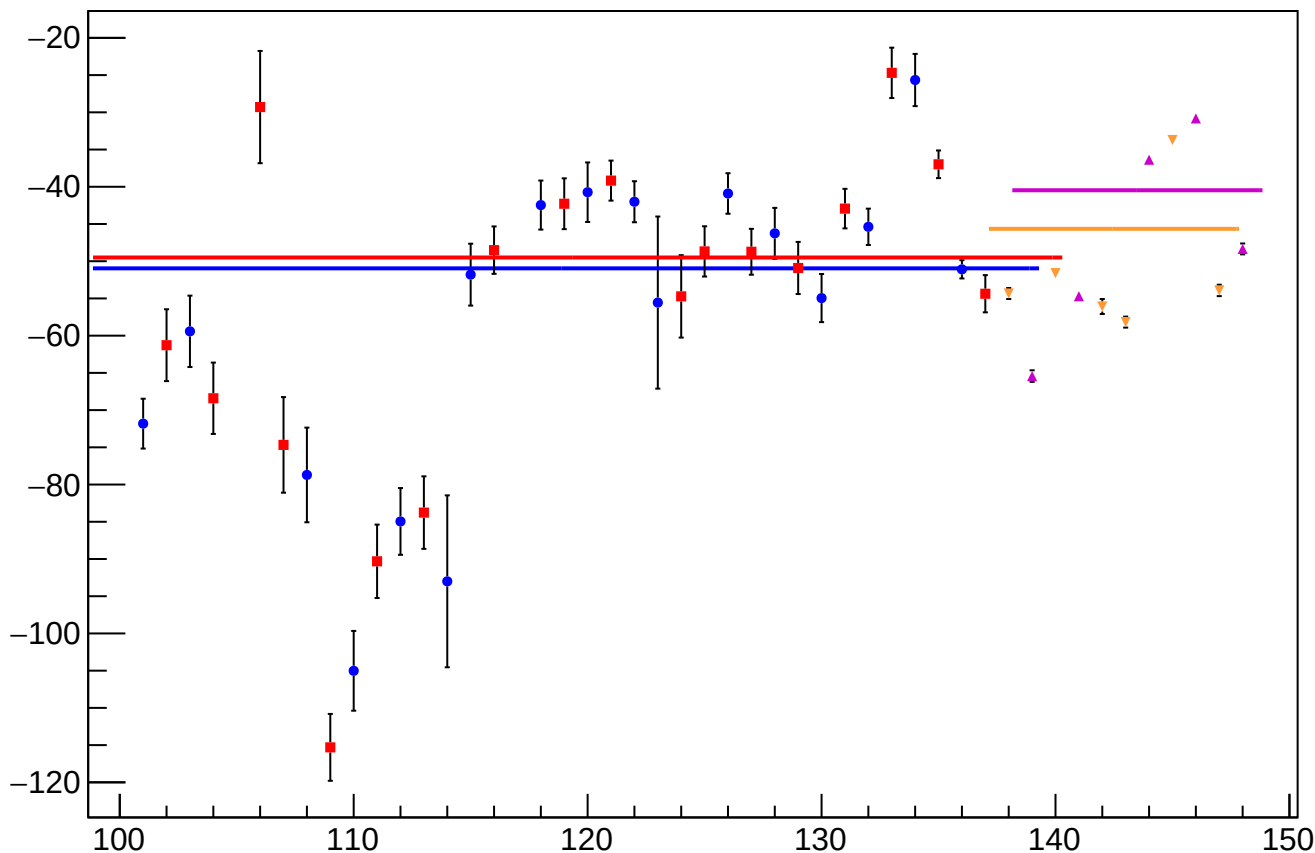
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.661 ± 0.148 $\chi^2/\text{NDF}: 2034.3/21$

Out: 5.125 ± 0.162 $\chi^2/\text{NDF}: 1544.4/23$

All: 4.872 ± 0.109 $\chi^2/\text{NDF}: 3583.2/45$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -45.652 ± 0.252 χ^2/NDF : 1695.3/5

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -40.468 ± 0.238 χ^2/NDF : 2325.8/4

Left: -42.908 ± 0.173 χ^2/NDF : 4244.8/10

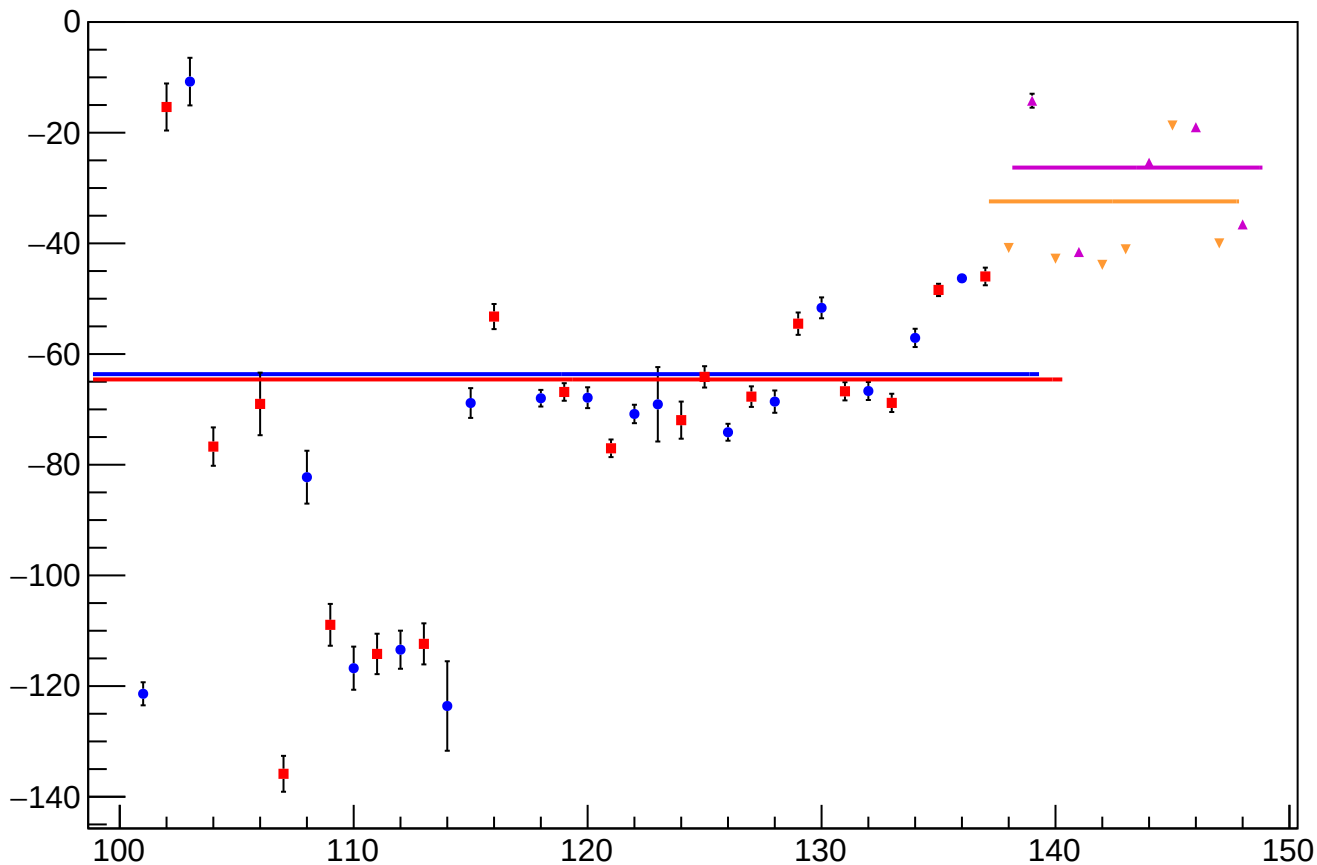
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -41.454 ± 0.226 χ^2/NDF : 2840.6/21

Out: -46.001 ± 0.240 χ^2/NDF : 2222.9/23

All: -43.590 ± 0.165 χ^2/NDF : 5253.2/45

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -32.416 ± 0.211 χ^2/NDF : 2837.7/5

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -26.304 ± 0.197 χ^2/NDF : 1802.4/4

Left: -29.147 ± 0.144 χ^2/NDF : 5087.5/10

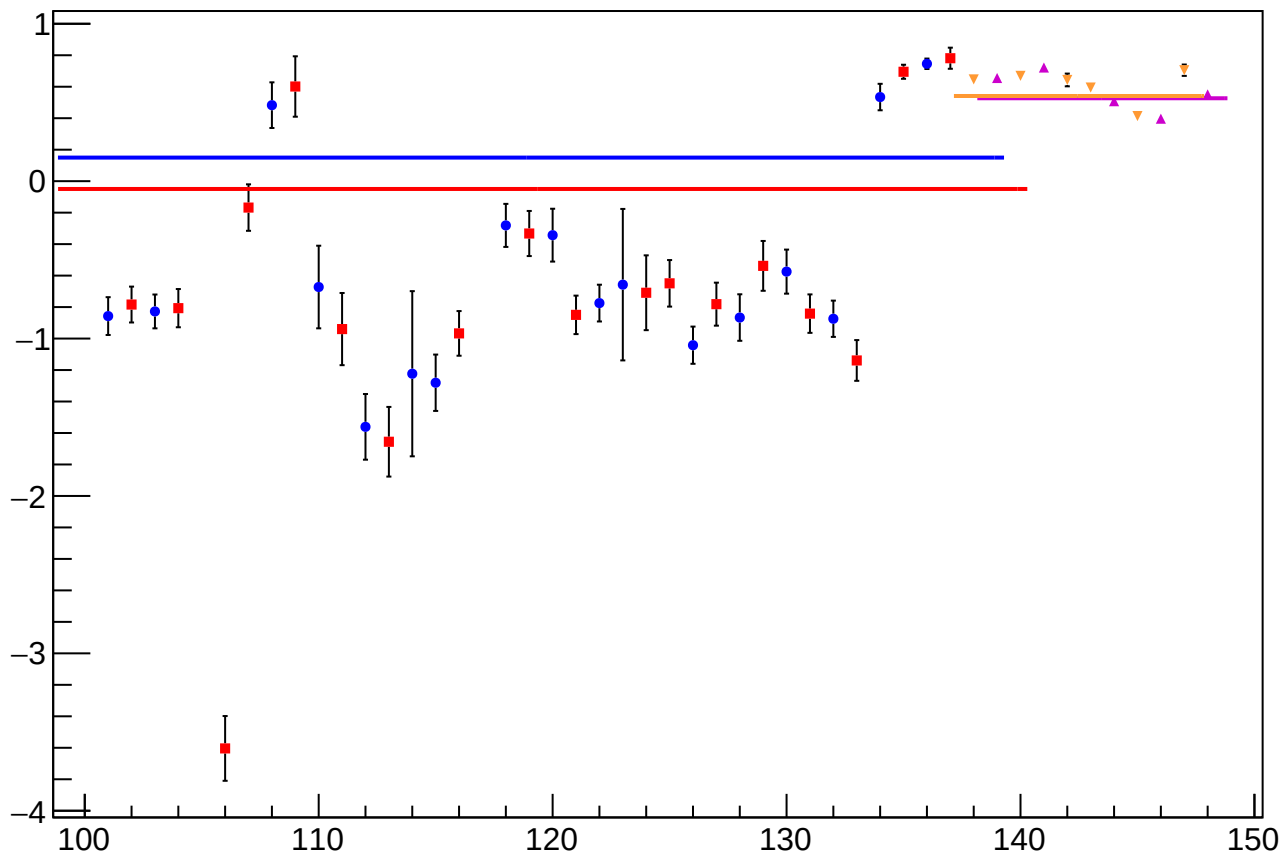
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -32.404 ± 0.180 χ^2/NDF : 9677.4/21

Out: -37.598 ± 0.194 χ^2/NDF : 8167.5/23

All: -34.817 ± 0.132 χ^2/NDF : 18230.6/45

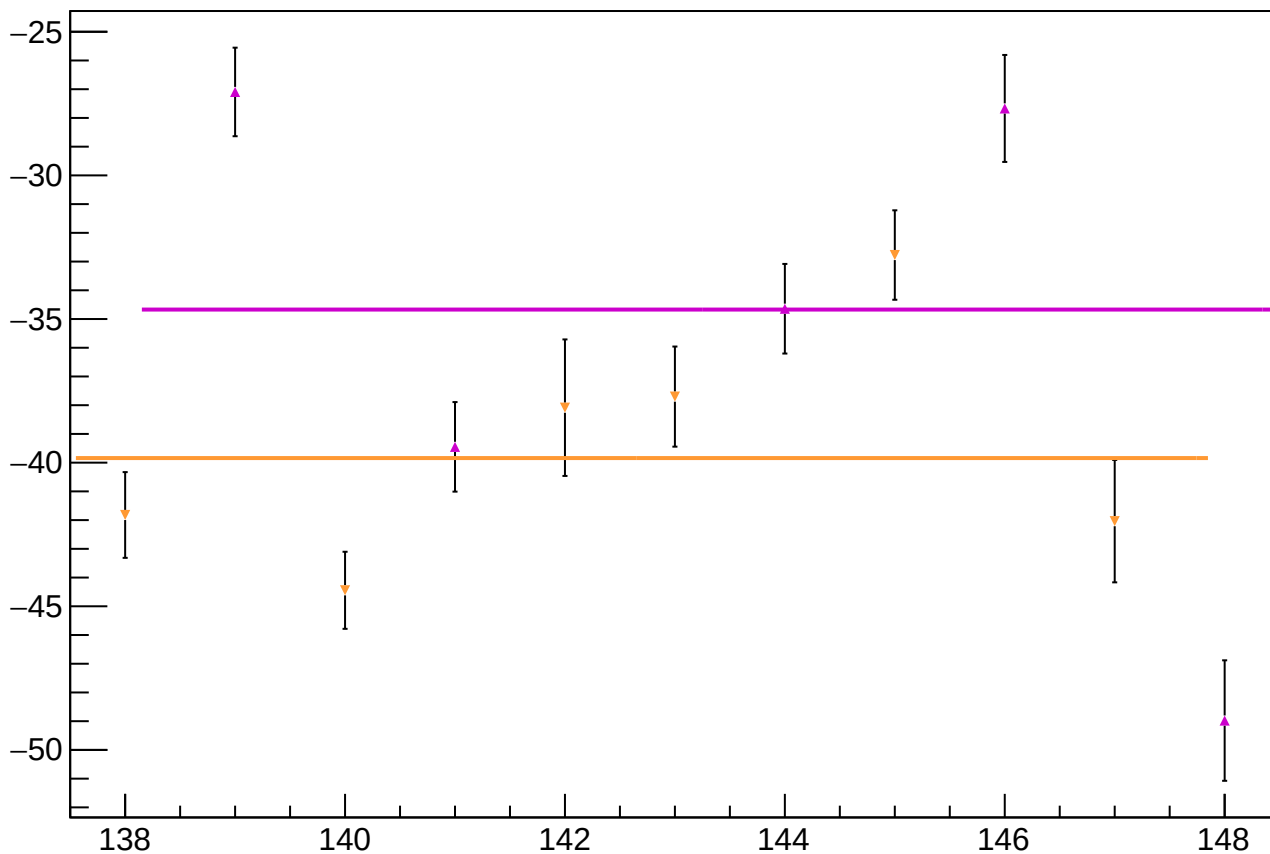
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.541 ± 0.010 $\chi^2/\text{NDF}: 136.7/5$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.527 ± 0.010 $\chi^2/\text{NDF}: 127.5/4$

Left: 0.534 ± 0.007 $\chi^2/\text{NDF}: 265.2/10$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.469 ± 0.009 $\chi^2/\text{NDF}: 1325.5/21$
 Out: 0.462 ± 0.010 $\chi^2/\text{NDF}: 1730.1/23$
 All: 0.465 ± 0.007 $\chi^2/\text{NDF}: 3055.8/45$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.840+/-0.683 χ^2/NDF : 37.3/5

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: -37.510+/-0.506 χ^2/NDF : 157.3/10

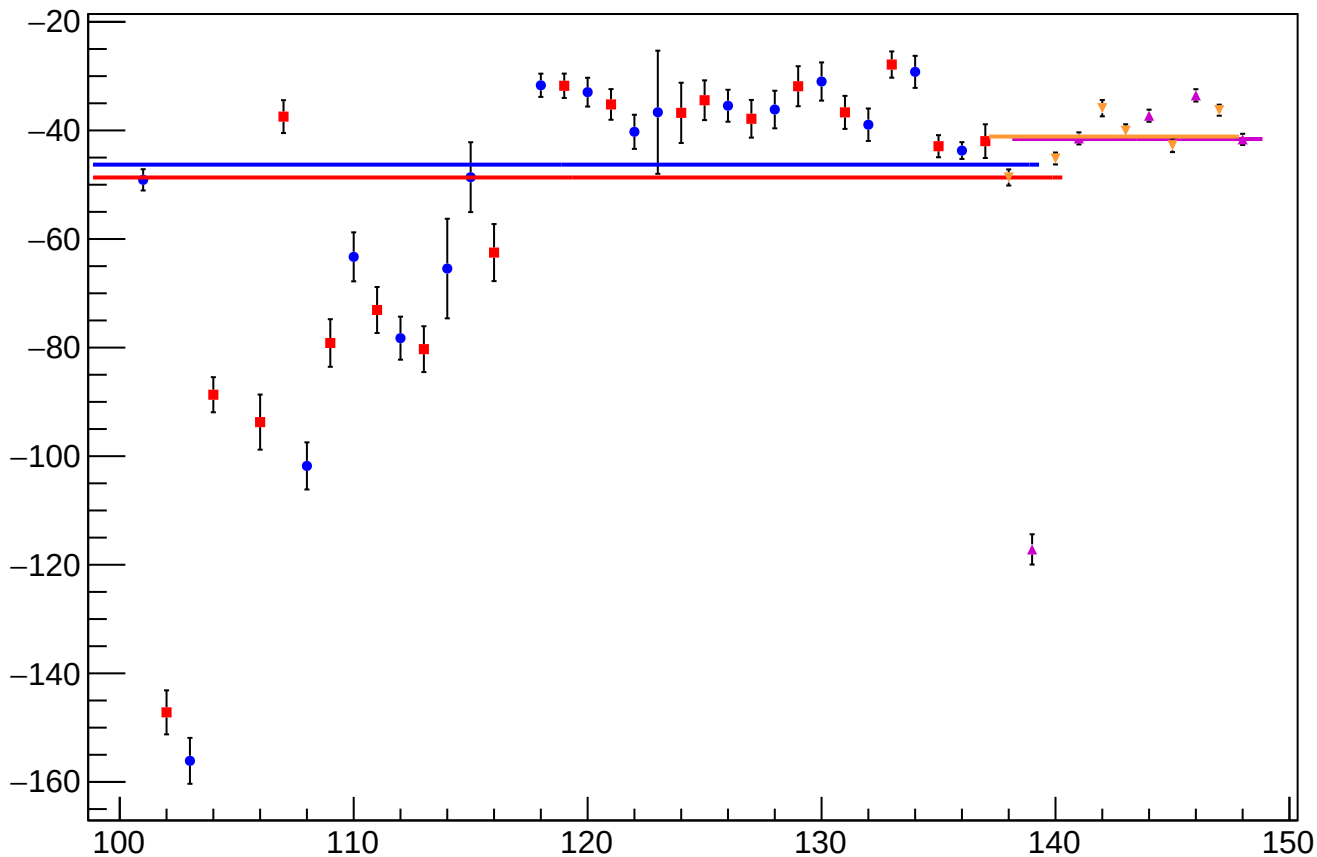
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Out: -39.840+/-0.683 χ^2/NDF : 37.3/5

All: -37.510+/-0.506 χ^2/NDF : 157.3/10

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -41.126 ± 0.499 χ^2/NDF : 76.7/5

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -41.582 ± 0.537 χ^2/NDF : 797.8/4

Left: -41.337 ± 0.365 χ^2/NDF : 874.9/10

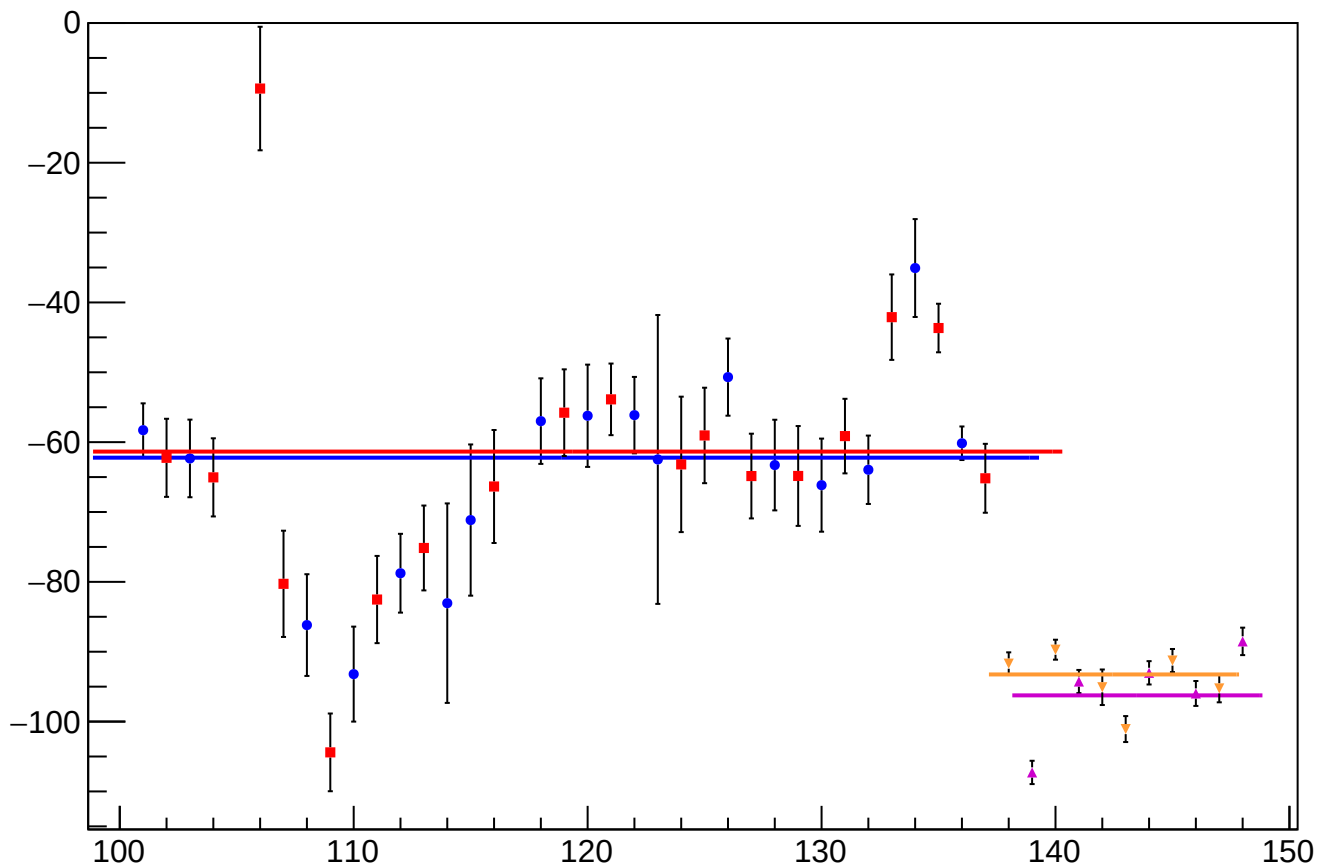
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -43.259 ± 0.431 χ^2/NDF : 1909.2/21

Out: -43.381 ± 0.417 χ^2/NDF : 1357.4/23

All: -43.322 ± 0.300 χ^2/NDF : 3266.6/45

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -93.254 ± 0.719 $\chi^2/\text{NDF}: 27.7/5$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -96.249 ± 0.777 $\chi^2/\text{NDF}: 64.4/4$

Left: -94.635 ± 0.528 $\chi^2/\text{NDF}: 100.2/10$

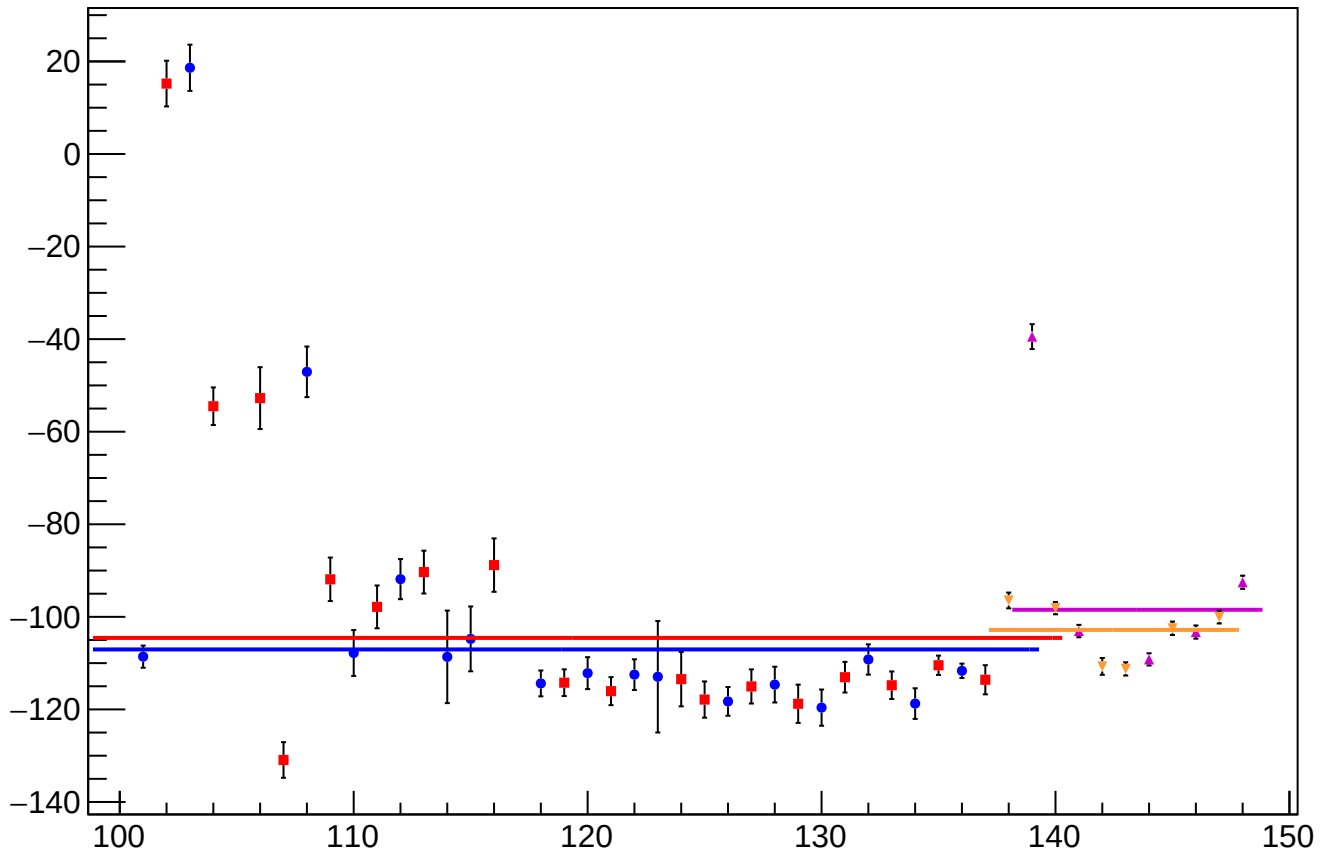
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -87.406 ± 0.669 $\chi^2/\text{NDF}: 629.9/21$

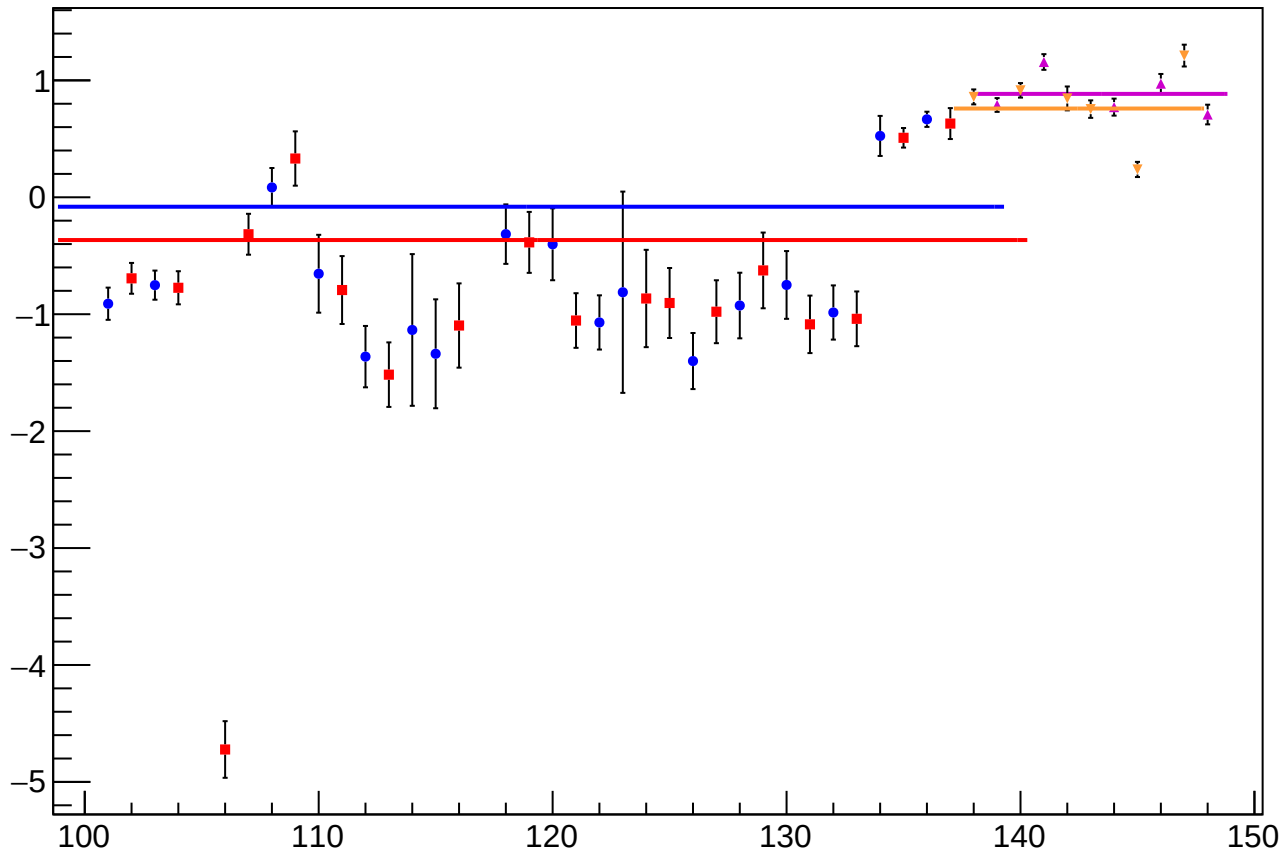
Out: -86.463 ± 0.638 $\chi^2/\text{NDF}: 605.1/23$

All: -86.913 ± 0.462 $\chi^2/\text{NDF}: 1236.0/45$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.759 ± 0.030 χ^2/NDF : 97.5/5

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.884 ± 0.032 χ^2/NDF : 27.1/4

Left: 0.817 ± 0.022 χ^2/NDF : 132.9/10

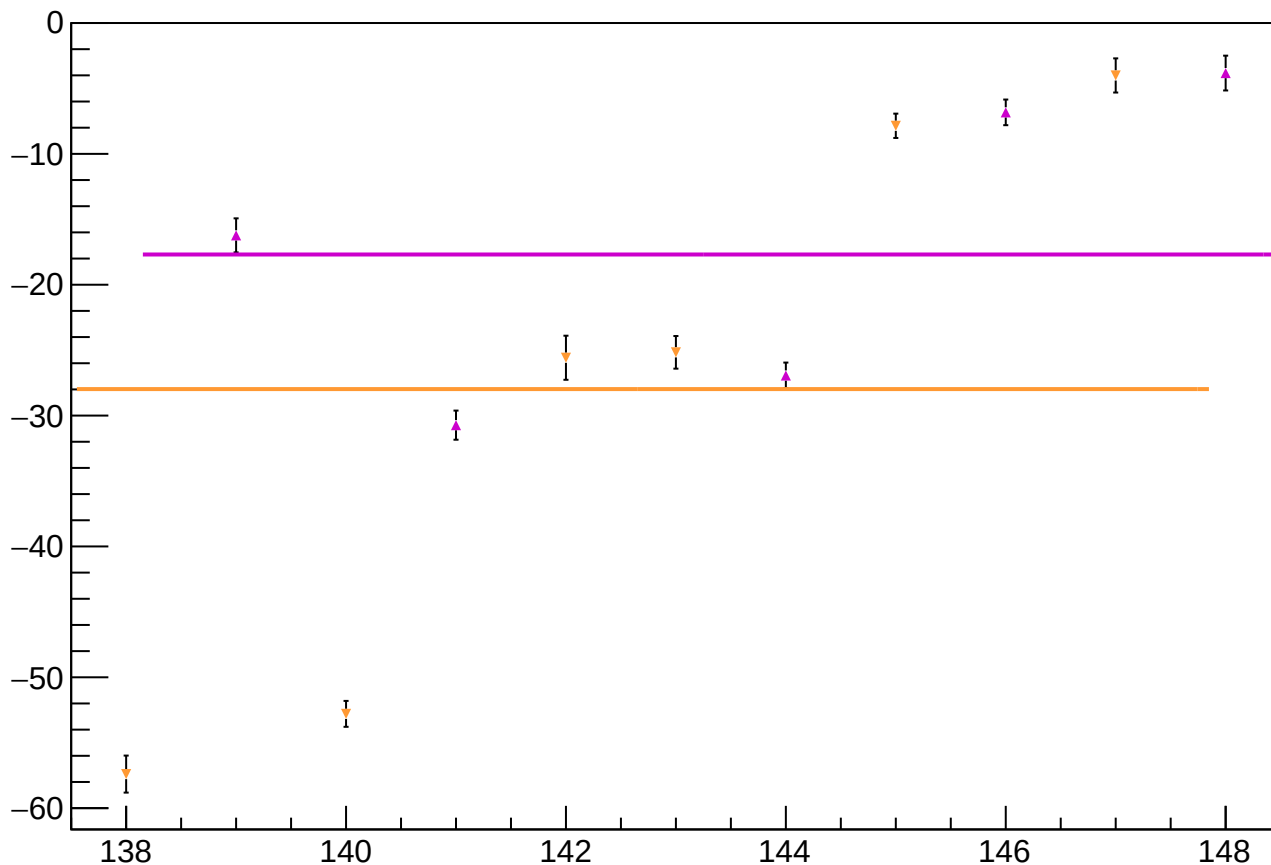
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.534 ± 0.025 χ^2/NDF : 689.4/21

Out: 0.406 ± 0.025 χ^2/NDF : 1118.7/23

All: 0.468 ± 0.018 χ^2/NDF : 1821.3/45

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.975+/-0.484 χ^2/NDF :1873.9/5

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: -22.974+/-0.347 χ^2/NDF : 2551.0/10

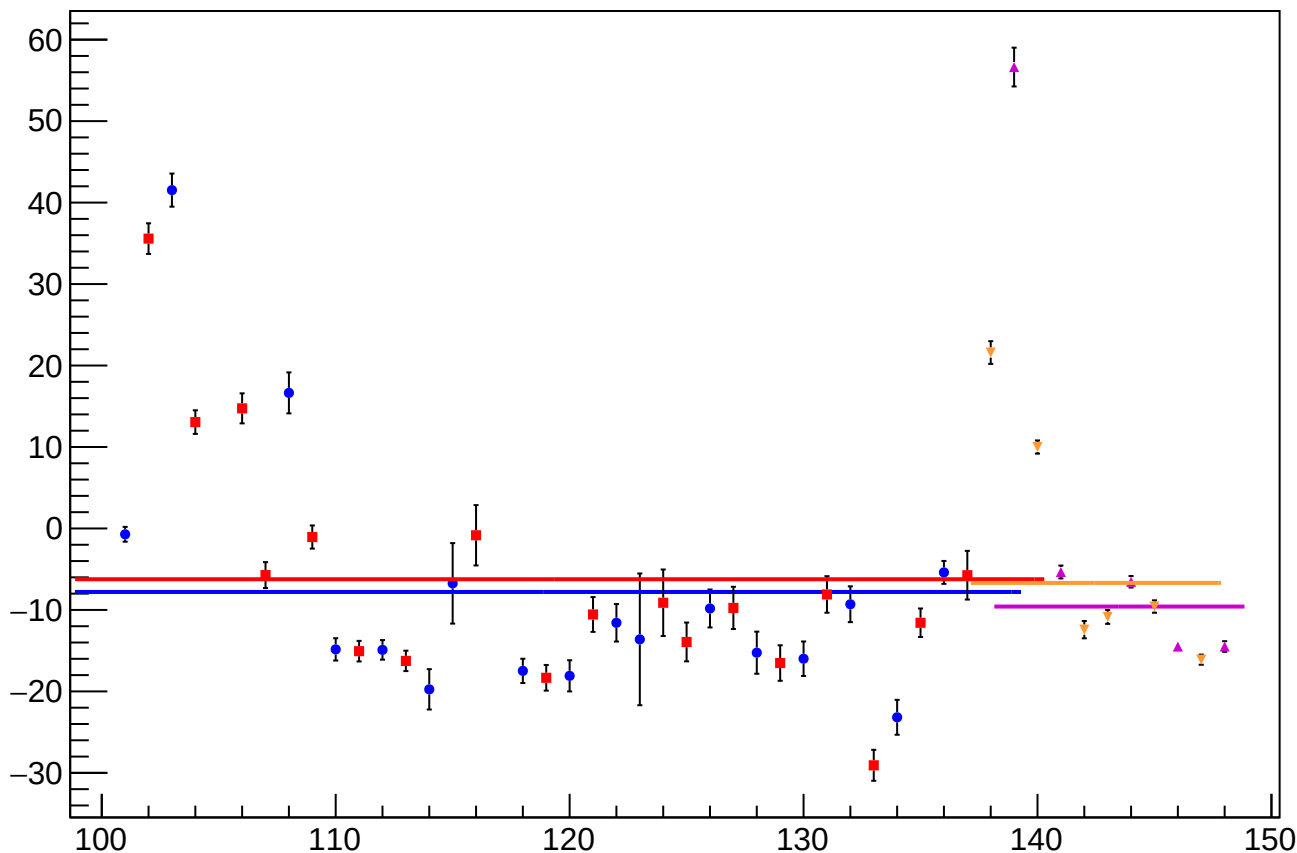
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.690+/-0.498 χ^2/NDF :458.0/4

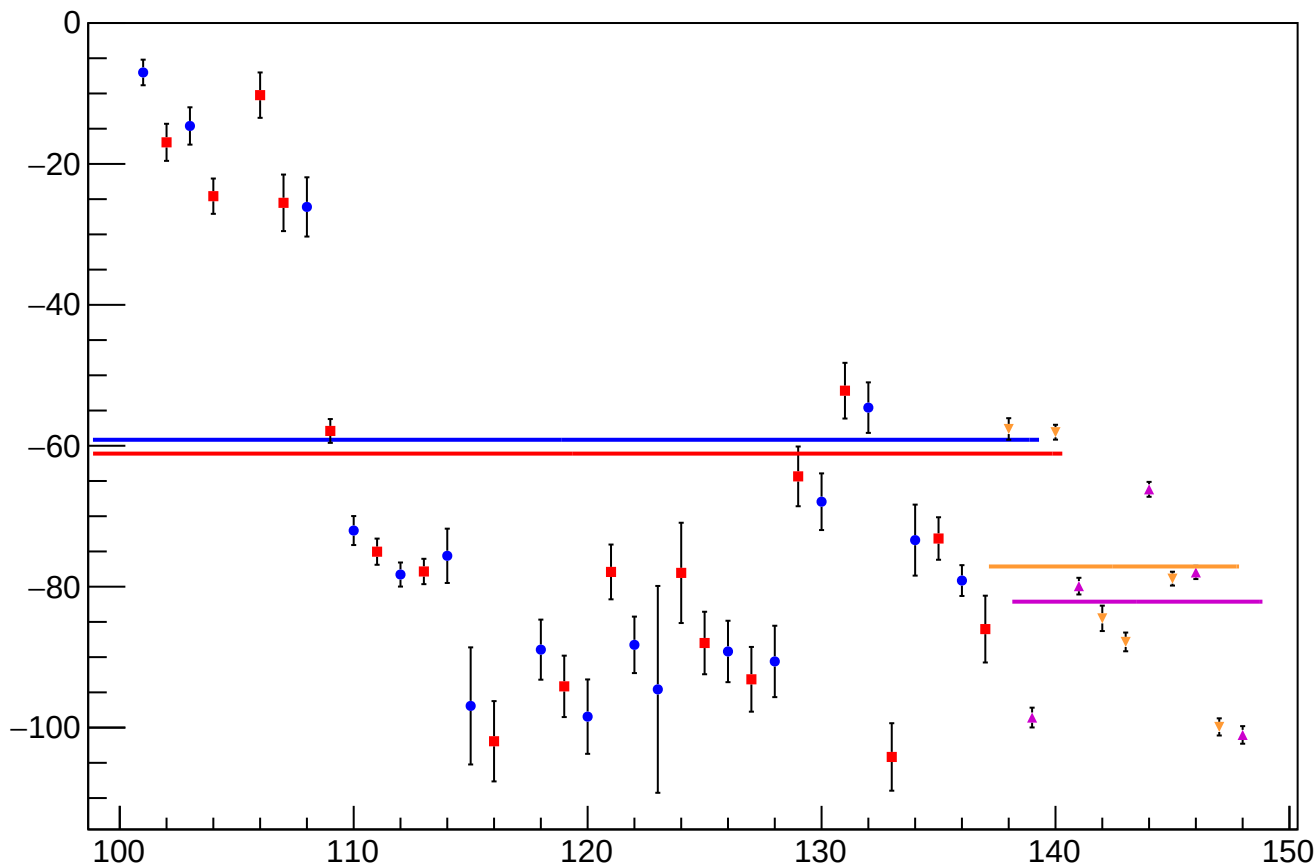
Out: -27.975+/-0.484 χ^2/NDF :1873.9/5

All: -22.974+/-0.347 χ^2/NDF : 2551.0/10

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -77.133 ± 0.506 $\chi^2/\text{NDF}: 922.1/5$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -82.128 ± 0.507 $\chi^2/\text{NDF}: 617.5/4$

Left: -79.625 ± 0.358 $\chi^2/\text{NDF}: 1588.2/10$

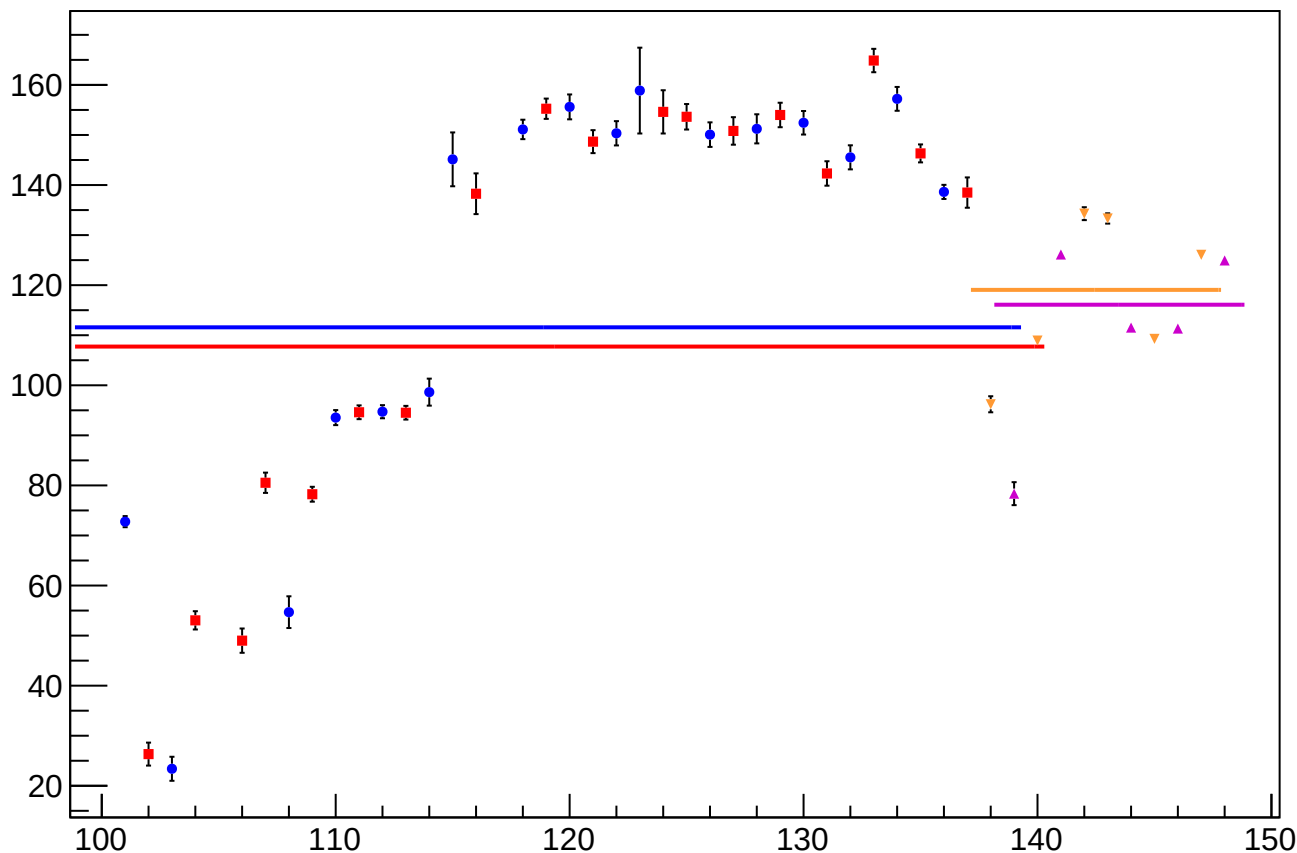
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -74.855 ± 0.419 $\chi^2/\text{NDF}: 2985.6/21$

Out: -71.713 ± 0.412 $\chi^2/\text{NDF}: 2578.9/23$

All: -73.255 ± 0.294 $\chi^2/\text{NDF}: 5593.1/45$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 119.060 $\pm$ 0.420 χ^2 /NDF:834.8/5

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 116.095 $\pm$ 0.421 χ^2 /NDF:544.6/4

Left: 117.580 $\pm$ 0.298 χ^2 /NDF: 1404.3/10

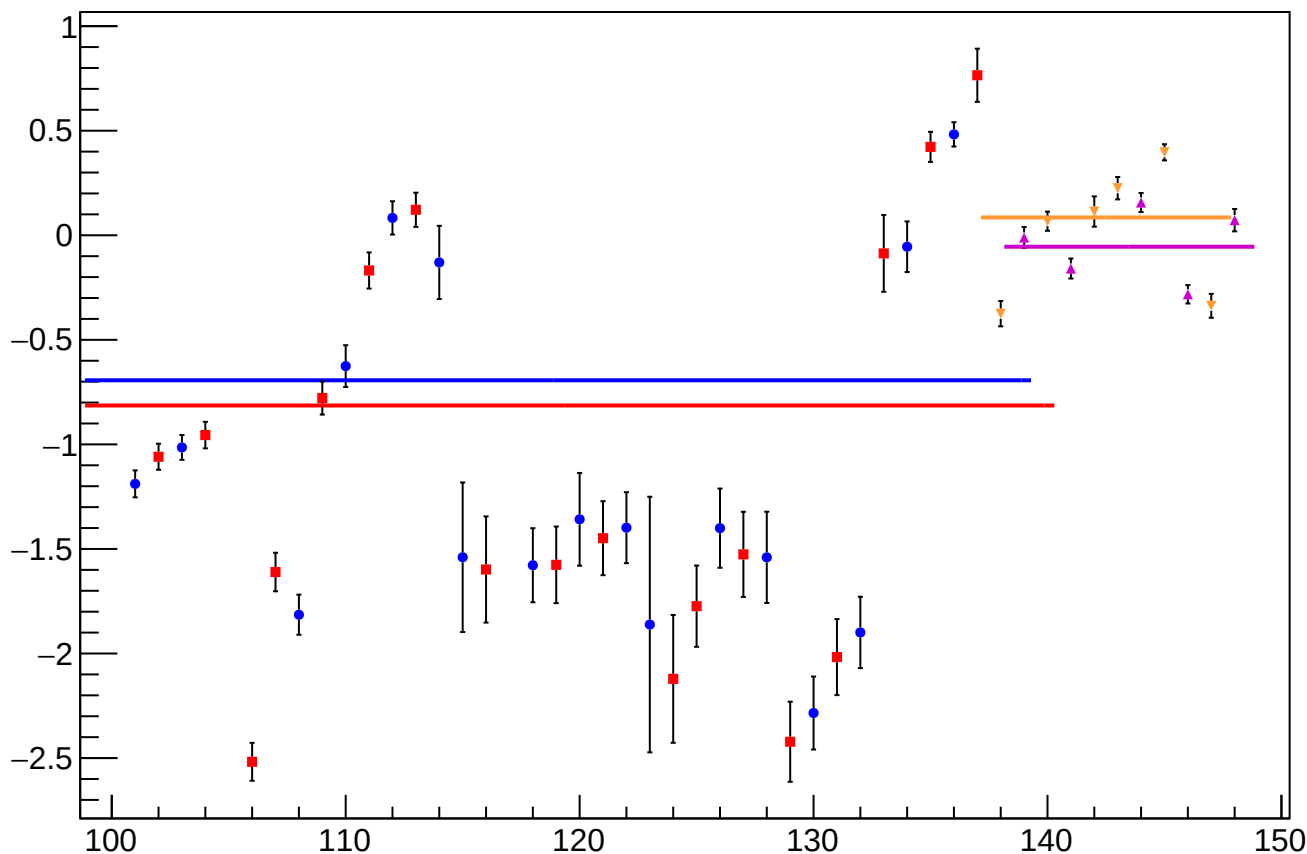
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 114.165 $\pm$ 0.319 χ^2 /NDF:6539.7/21

Out: 114.242 $\pm$ 0.319 χ^2 /NDF:7979.7/23

All: 114.203 $\pm$ 0.225 χ^2 /NDF: 14519.4/45

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: 0.085 ± 0.021 χ^2/NDF : 184.5/5

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.055 ± 0.021 χ^2/NDF : 59.3/4

Left: 0.017 ± 0.015 χ^2/NDF : 265.6/10

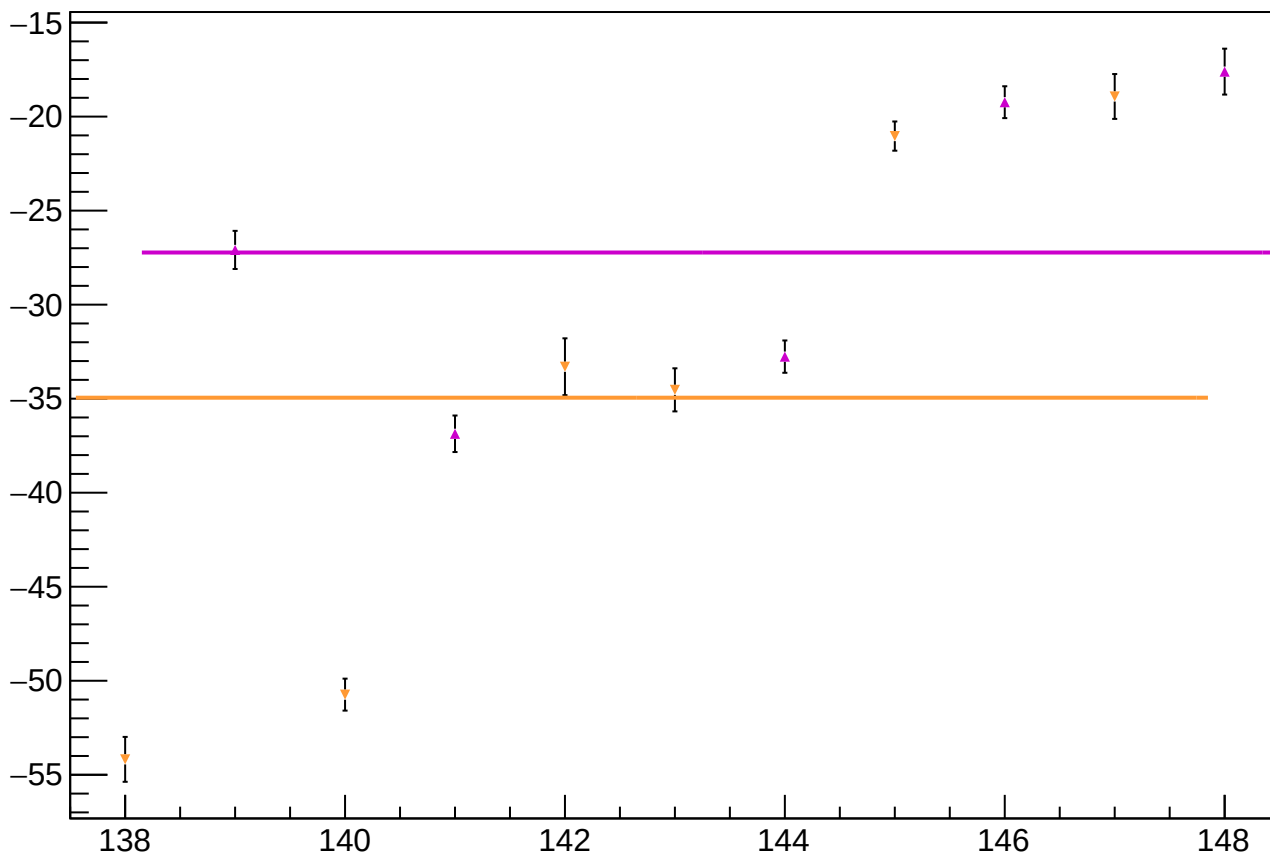
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.315 ± 0.016 χ^2/NDF : 1412.8/21

Out: -0.296 ± 0.016 χ^2/NDF : 2270.2/23

All: -0.305 ± 0.011 χ^2/NDF : 3683.7/45

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.948+/-0.421 χ^2/NDF :1107.2/5

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: -31.155+/-0.300 χ^2/NDF : 1563.8/10

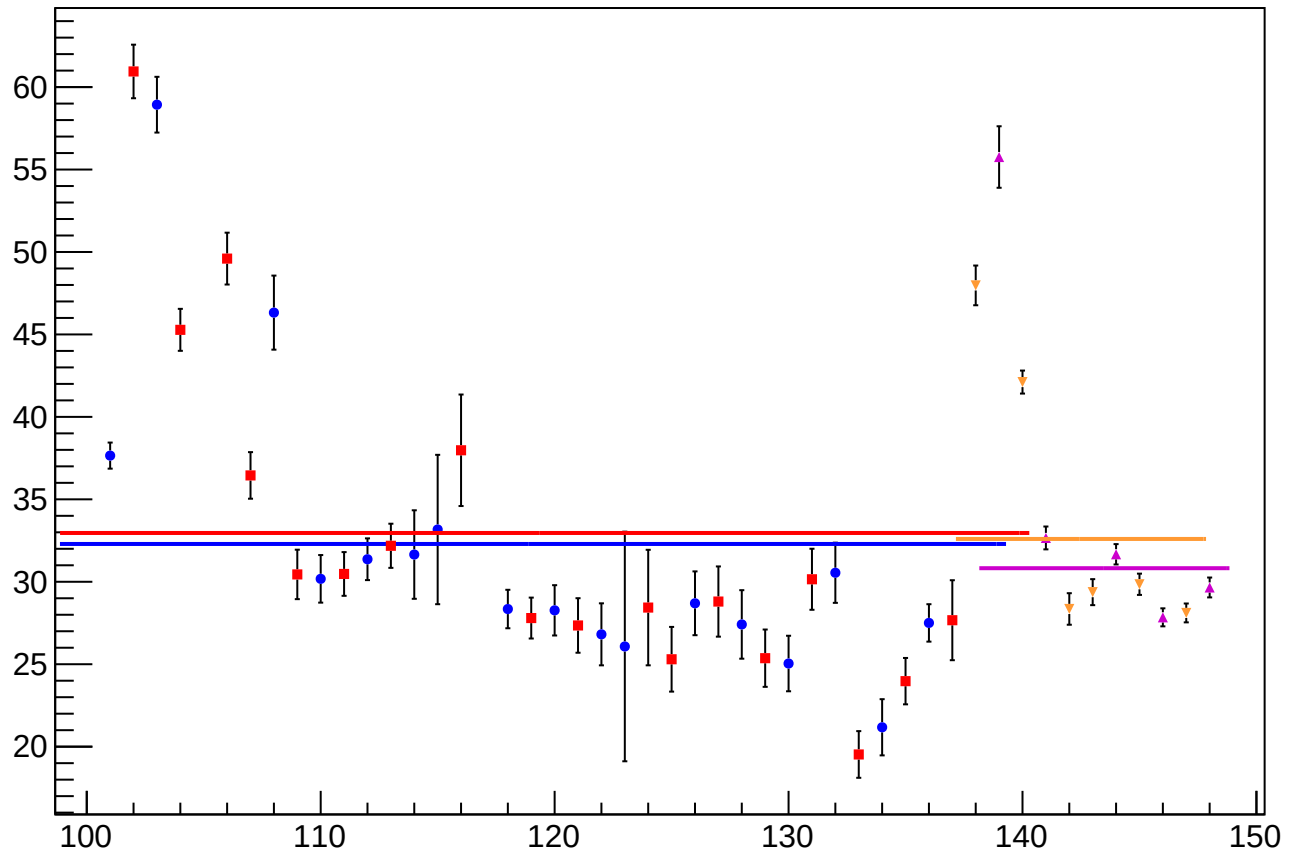
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.228+/-0.428 χ^2/NDF :291.3/4

Out: -34.948+/-0.421 χ^2/NDF :1107.2/5

All: -31.155+/-0.300 χ^2/NDF : 1563.8/10

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 32.598 ± 0.303 $\chi^2/\text{NDF}: 465.3/5$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.823 ± 0.300 $\chi^2/\text{NDF}: 221.2/4$

Left: 31.702 ± 0.213 $\chi^2/\text{NDF}: 703.8/10$

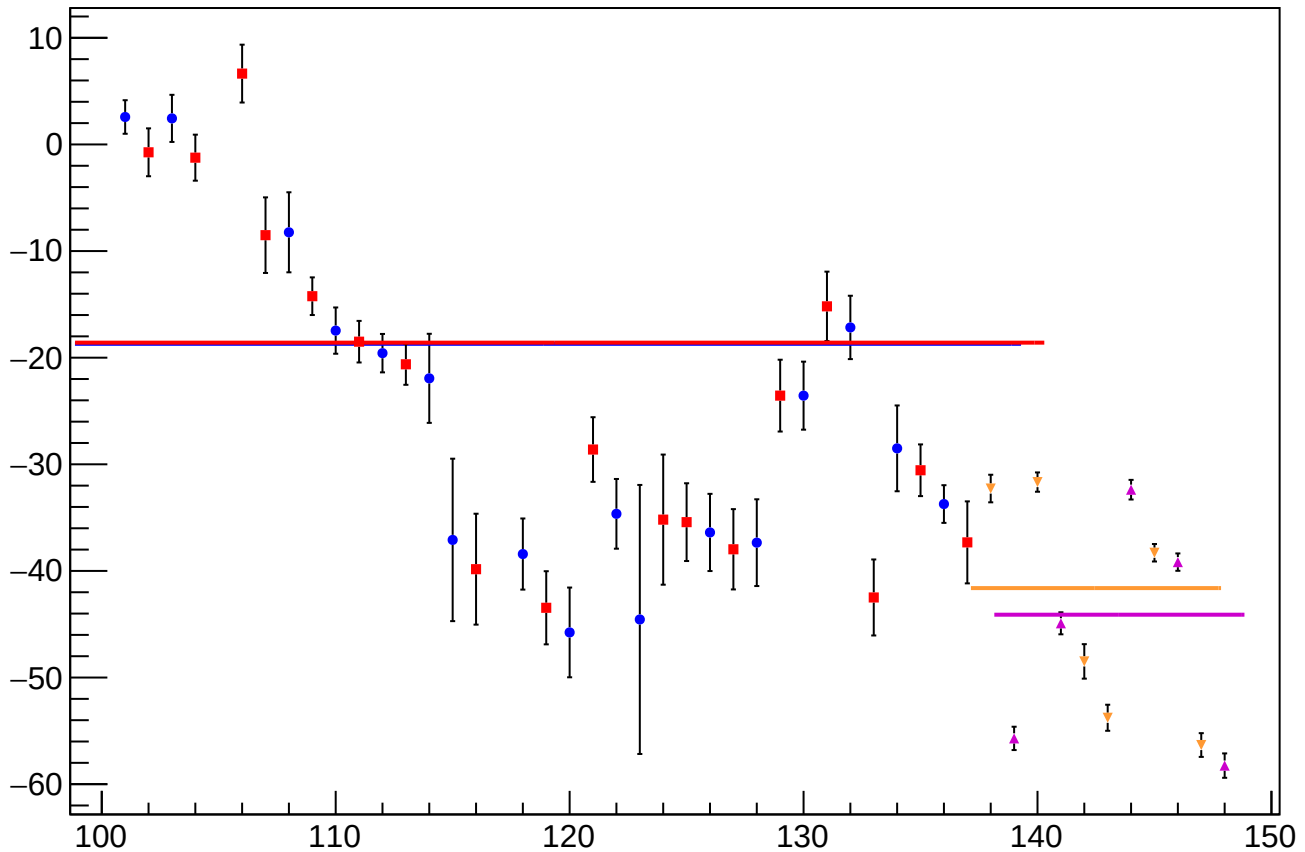
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.400 ± 0.234 $\chi^2/\text{NDF}: 683.1/21$

Out: 32.738 ± 0.237 $\chi^2/\text{NDF}: 1189.8/23$

All: 32.061 ± 0.166 $\chi^2/\text{NDF}: 1889.1/45$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -41.611 ± 0.440 χ^2/NDF : 480.8/5

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -44.106 ± 0.437 χ^2/NDF : 464.9/4

Left: -42.866 ± 0.310 χ^2/NDF : 961.8/10

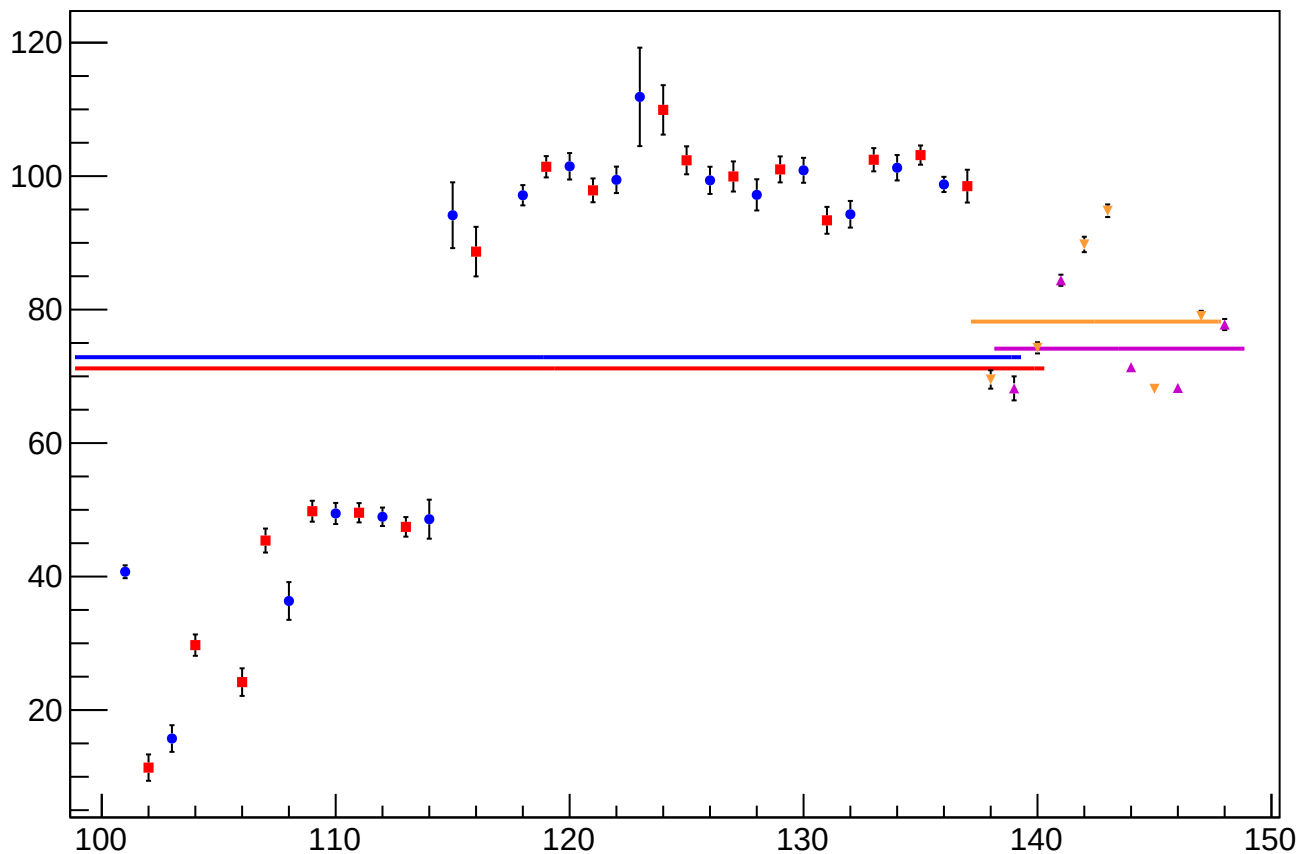
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -36.456 ± 0.366 χ^2/NDF : 1999.5/21

Out: -34.337 ± 0.364 χ^2/NDF : 1806.6/23

All: -35.392 ± 0.258 χ^2/NDF : 3823.0/45

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.205 $\pm$ 0.371 χ^2 /NDF: 656.3/5

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 74.148 $\pm$ 0.371 χ^2 /NDF: 271.7/4

Left: 76.177 $\pm$ 0.262 χ^2 /NDF: 987.8/10

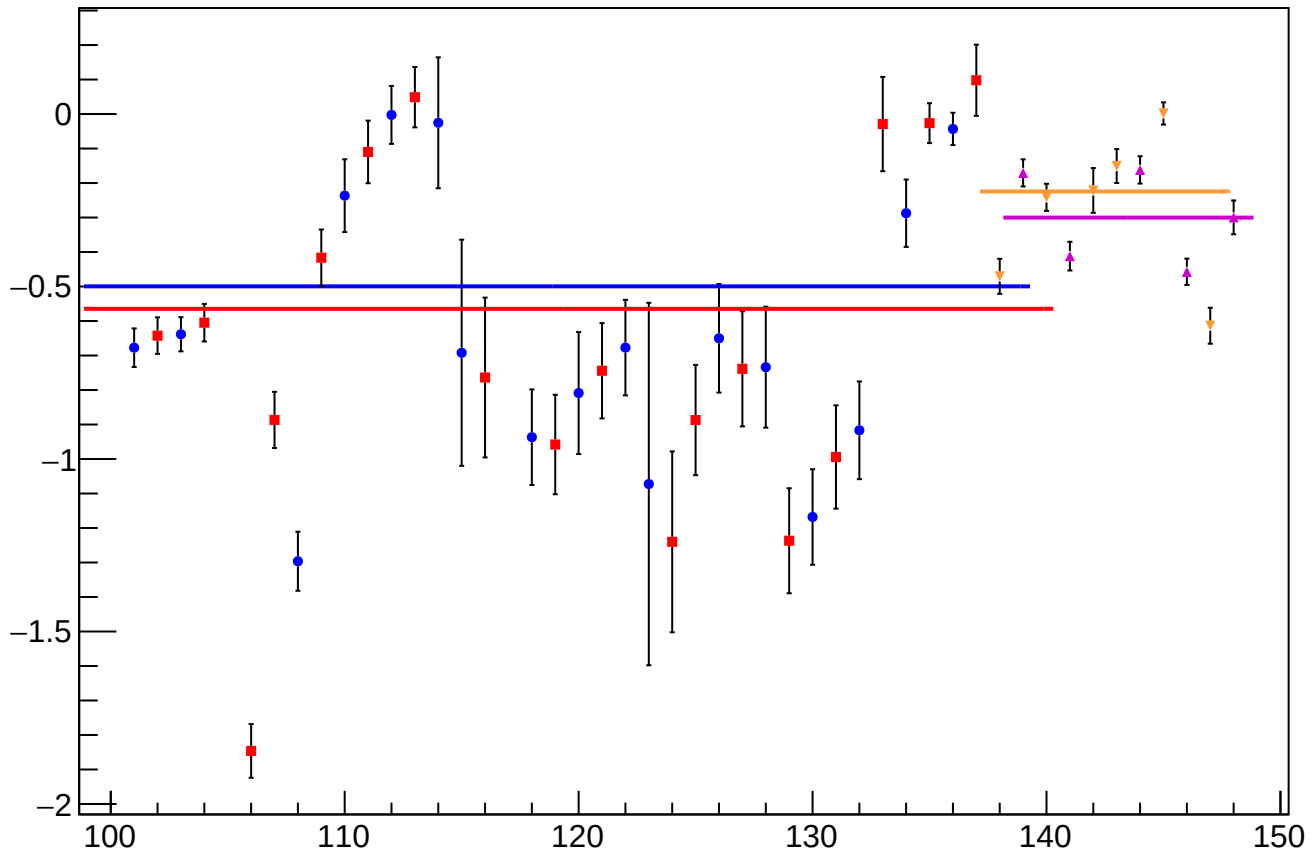
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 73.598 $\pm$ 0.280 χ^2 /NDF: 5003.9/21

Out: 75.244 $\pm$ 0.282 χ^2 /NDF: 6182.4/23

All: 74.415 $\pm$ 0.199 χ^2 /NDF: 11203.5/45

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.224 ± 0.018 χ^2/NDF : 131.0/5

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.300 ± 0.018 χ^2/NDF : 47.2/4

Left: -0.262 ± 0.013 χ^2/NDF : 186.8/10

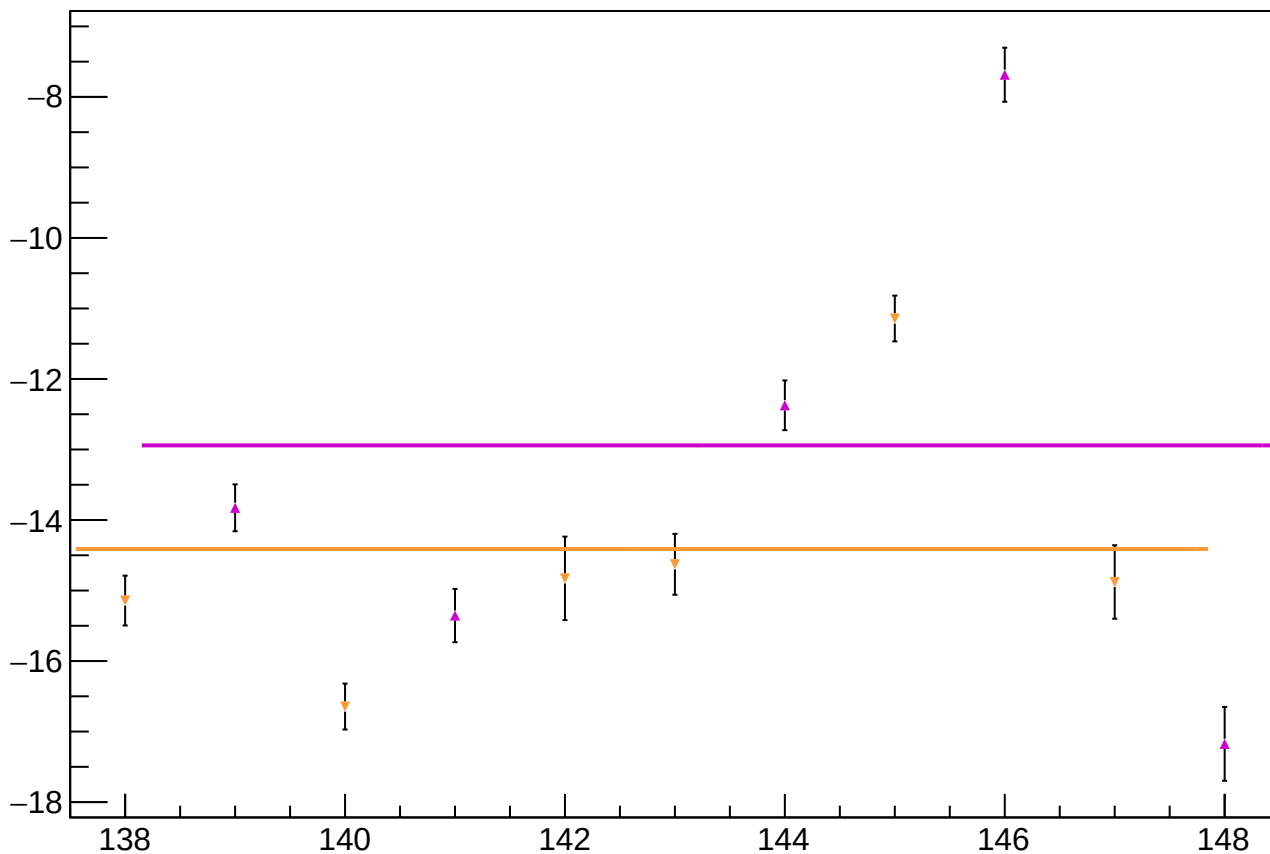
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.381 ± 0.014 χ^2/NDF : 397.3/21

Out: -0.366 ± 0.014 χ^2/NDF : 835.9/23

All: -0.373 ± 0.010 χ^2/NDF : 1233.8/45

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.411+/-0.160 χ^2/NDF :154.4/5

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: -13.719+/-0.117 χ^2/NDF : 497.8/10

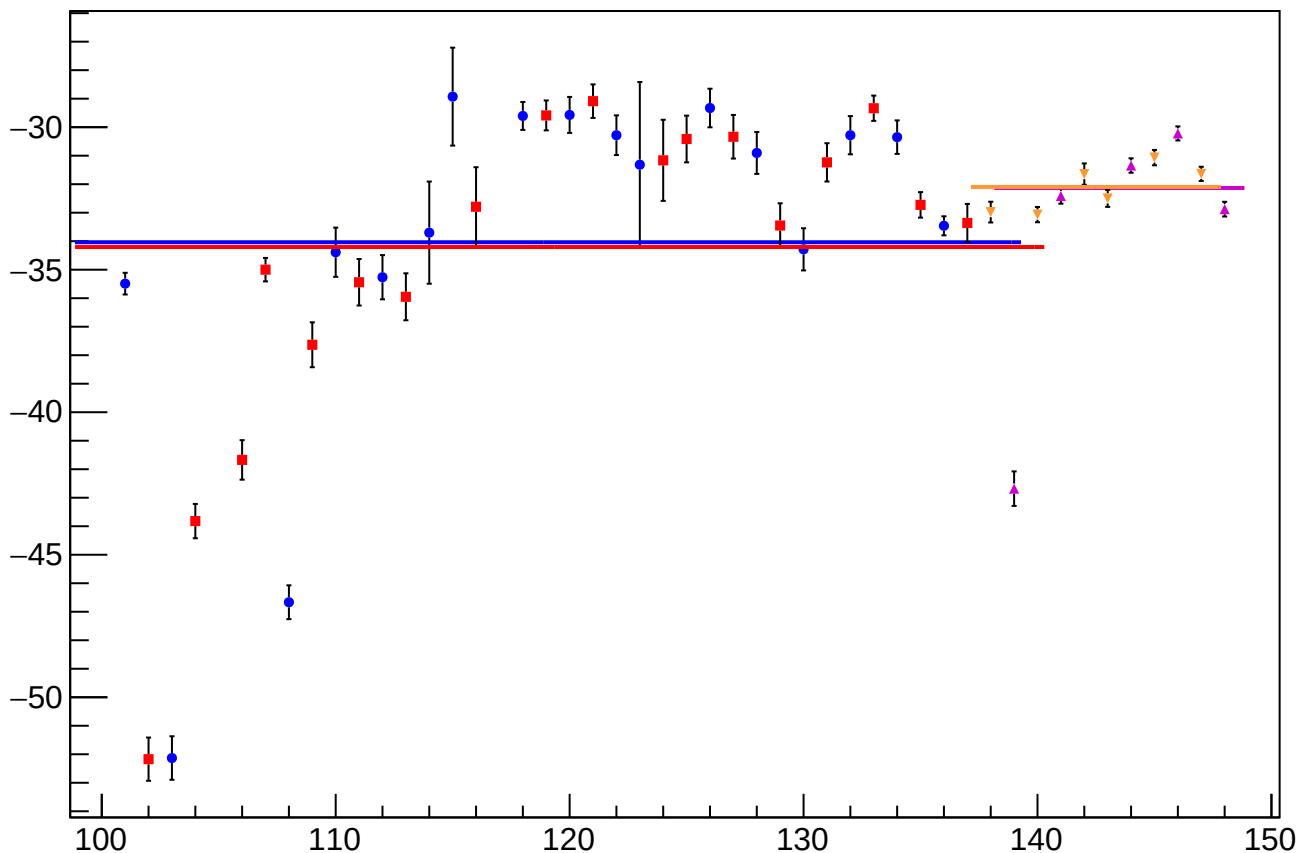
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.942+/-0.170 χ^2/NDF :303.9/4

Out: -14.411+/-0.160 χ^2/NDF :154.4/5

All: -13.719+/-0.117 χ^2/NDF : 497.8/10

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.097 ± 0.120 χ^2/NDF : 40.3/5

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -32.133 ± 0.126 χ^2/NDF : 382.8/4

Left: -32.114 ± 0.087 χ^2/NDF : 423.2/10

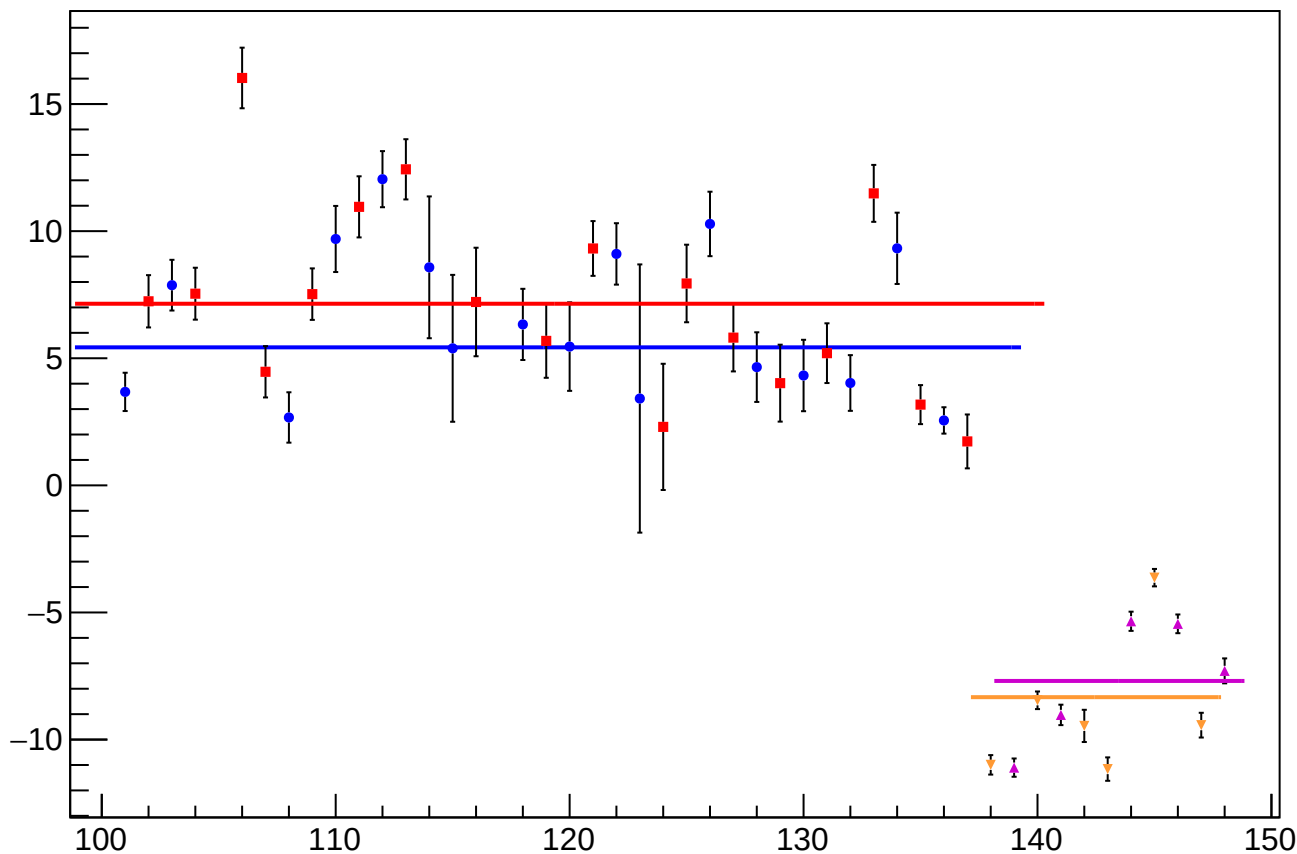
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.912 ± 0.097 χ^2/NDF : 1819.9/21

Out: -32.912 ± 0.094 χ^2/NDF : 1480.8/23

All: -32.912 ± 0.067 χ^2/NDF : 3300.8/45

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.332 ± 0.169 $\chi^2/\text{NDF}: 282.2/5$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -7.694 ± 0.175 $\chi^2/\text{NDF}: 177.6/4$

Left: -8.025 ± 0.122 $\chi^2/\text{NDF}: 466.7/10$

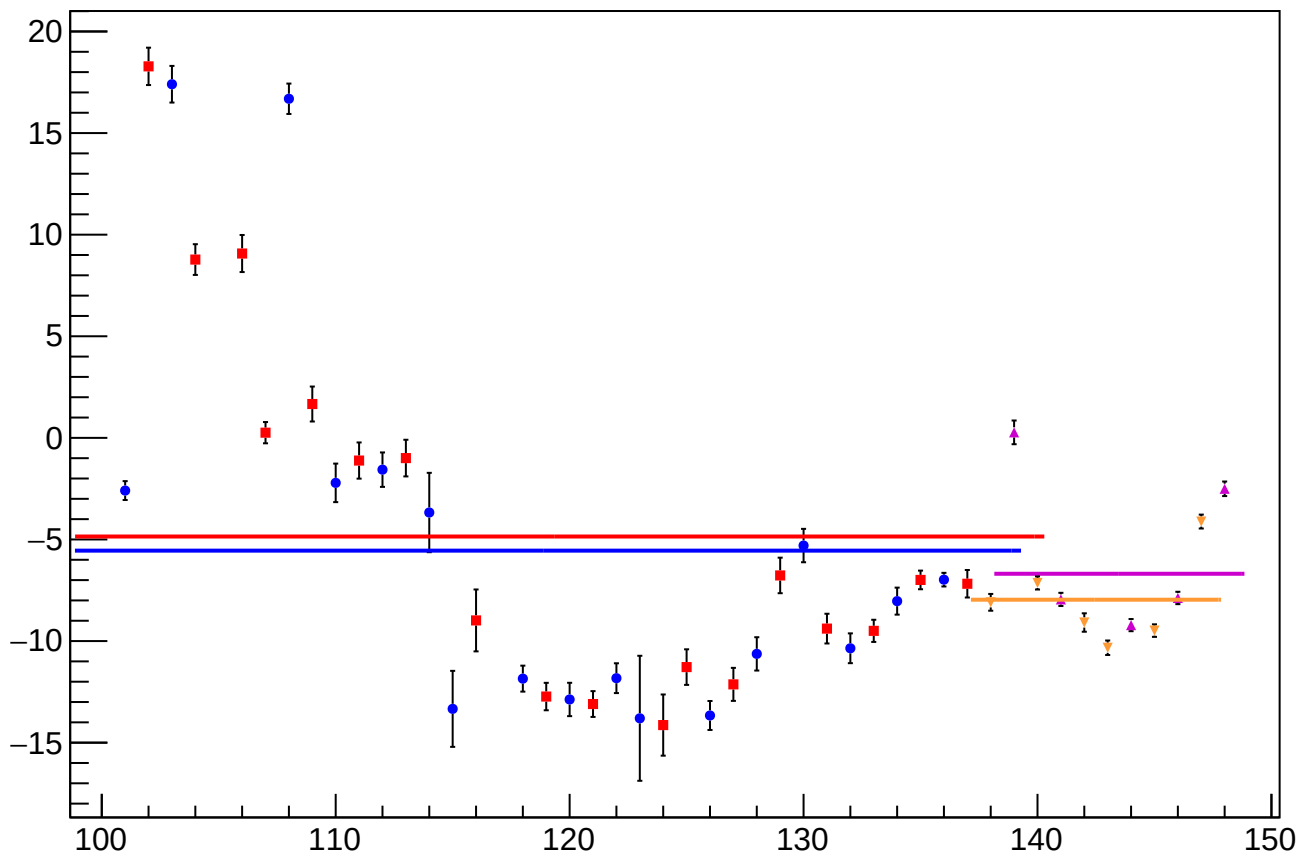
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -3.795 ± 0.147 $\chi^2/\text{NDF}: 1972.1/21$

Out: -4.092 ± 0.144 $\chi^2/\text{NDF}: 2760.6/23$

All: -3.947 ± 0.103 $\chi^2/\text{NDF}: 4734.8/45$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -7.965 ± 0.145 $\chi^2/\text{NDF}: 207.4/5$

Right Out: -4.854 ± 0.173 $\chi^2/\text{NDF}: 2013.1/17$

Left In: -6.688 ± 0.154 $\chi^2/\text{NDF}: 380.5/4$

Left: -7.362 ± 0.106 $\chi^2/\text{NDF}: 624.3/10$

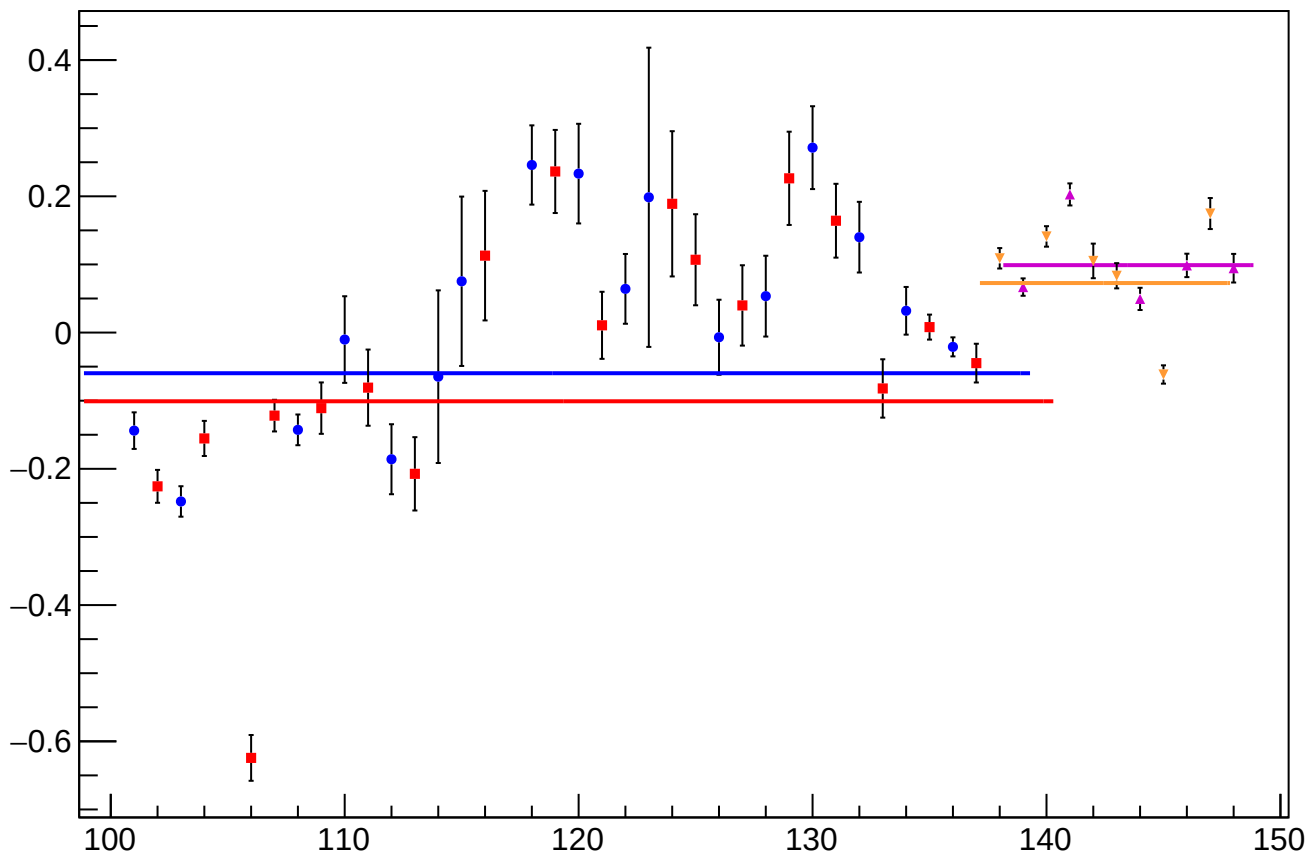
Right: -5.208 ± 0.121 $\chi^2/\text{NDF}: 4147.9/34$

In: -6.175 ± 0.114 $\chi^2/\text{NDF}: 2531.7/21$

Out: -6.675 ± 0.111 $\chi^2/\text{NDF}: 2410.1/23$

All: -6.431 ± 0.080 $\chi^2/\text{NDF}: 4951.6/45$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.073 ± 0.007 χ^2/NDF : 148.3/5

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.099 ± 0.007 χ^2/NDF : 56.8/4

Left: 0.085 ± 0.005 χ^2/NDF : 212.0/10

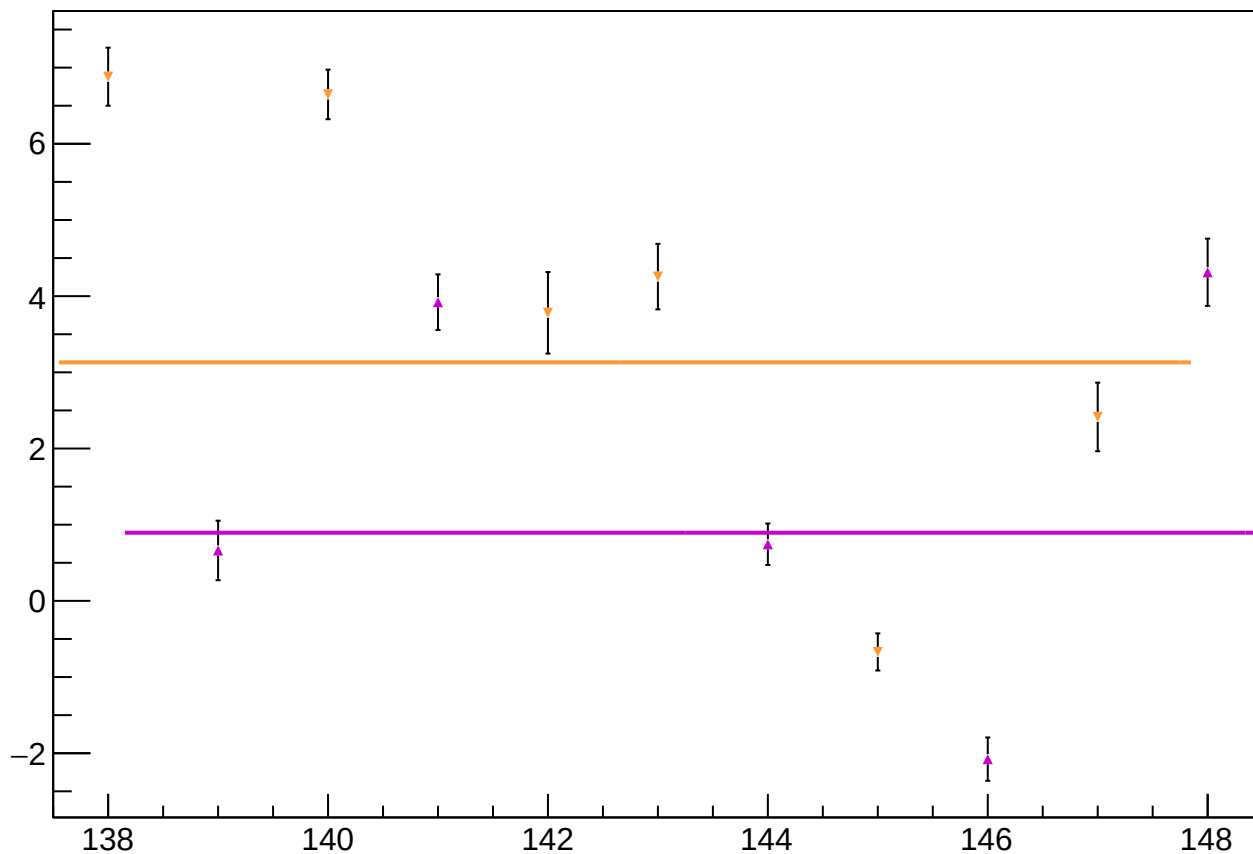
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.032 ± 0.005 χ^2/NDF : 479.5/21

Out: 0.003 ± 0.005 χ^2/NDF : 829.0/23

All: 0.017 ± 0.004 χ^2/NDF : 1322.9/45

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.131+/-0.146 χ^2/NDF : 467.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.895+/-0.149 χ^2/NDF : 238.6/4

Left: 2.036+/-0.104 χ^2/NDF : 821.2/10

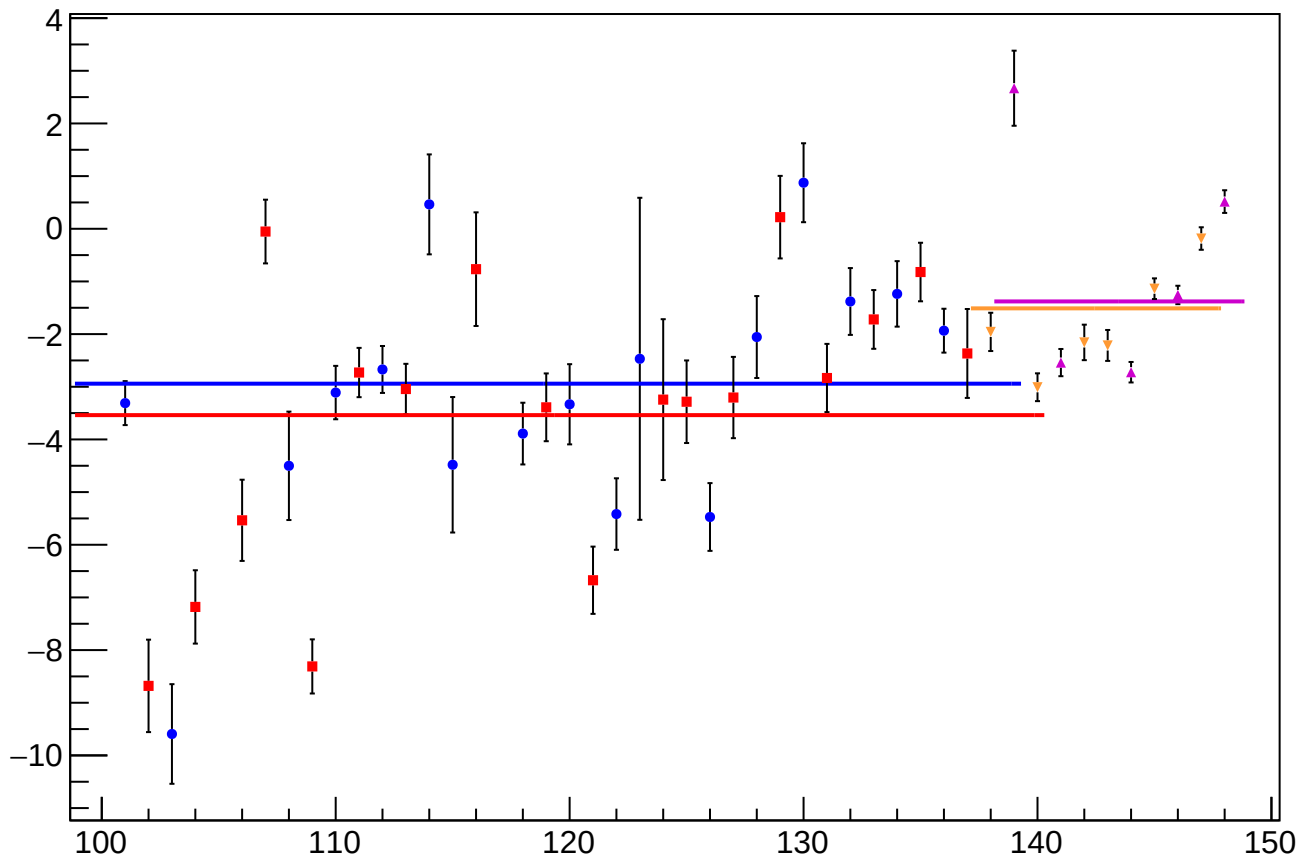
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.895+/-0.149 χ^2/NDF : 238.6/4

Out: 3.131+/-0.146 χ^2/NDF : 467.6/5

All: 2.036+/-0.104 χ^2/NDF : 821.2/10

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.511 ± 0.105 χ^2/NDF : 85.2/5

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.379 ± 0.101 χ^2/NDF : 178.2/4

Left: -1.443 ± 0.073 χ^2/NDF : 264.3/10

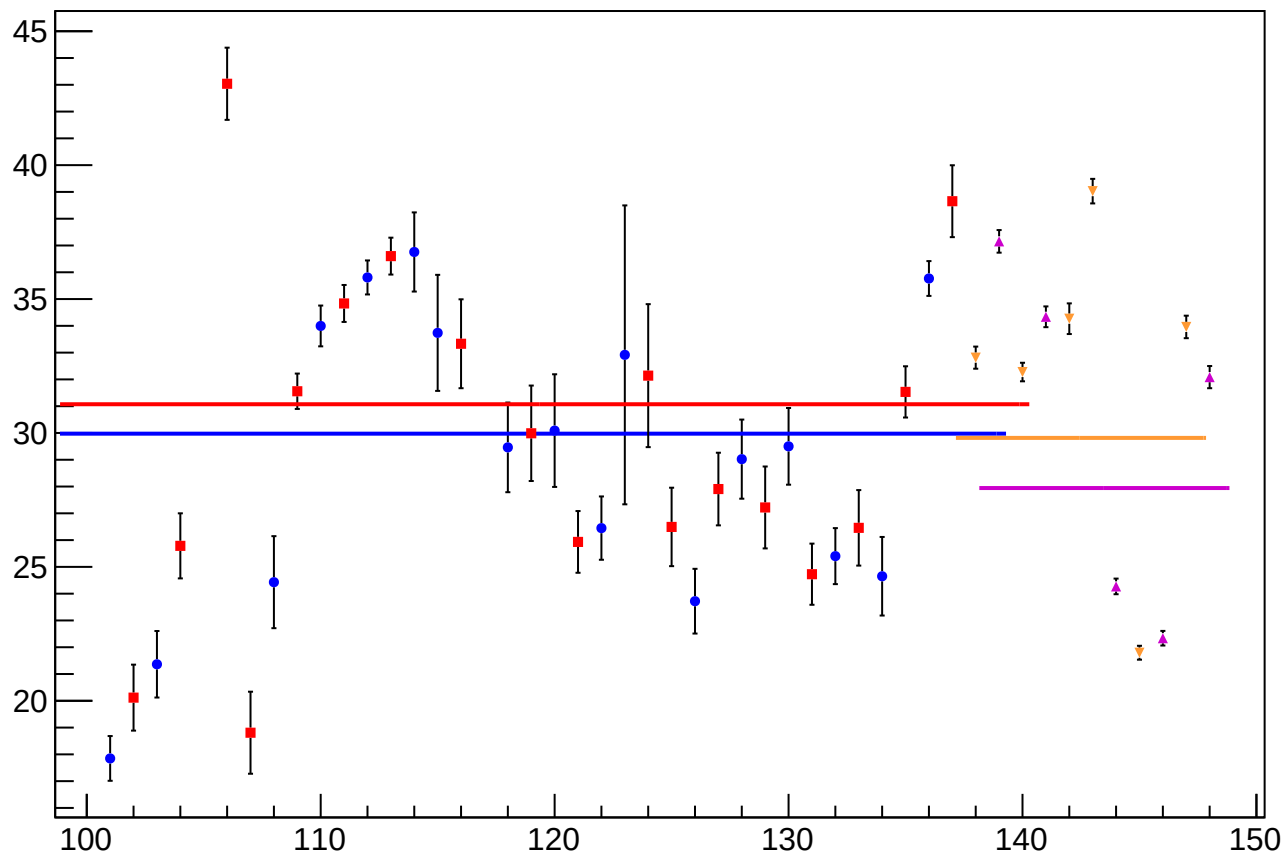
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.849 ± 0.085 χ^2/NDF : 395.5/21

Out: -2.154 ± 0.087 χ^2/NDF : 486.2/23

All: -1.997 ± 0.061 χ^2/NDF : 888.0/45

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 29.816 $\pm$ 0.153 χ^2 /NDF:1618.7/5

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 27.944 $\pm$ 0.152 χ^2 /NDF:1428.3/4

Left: 28.872 $\pm$ 0.108 χ^2 /NDF: 3122.2/10

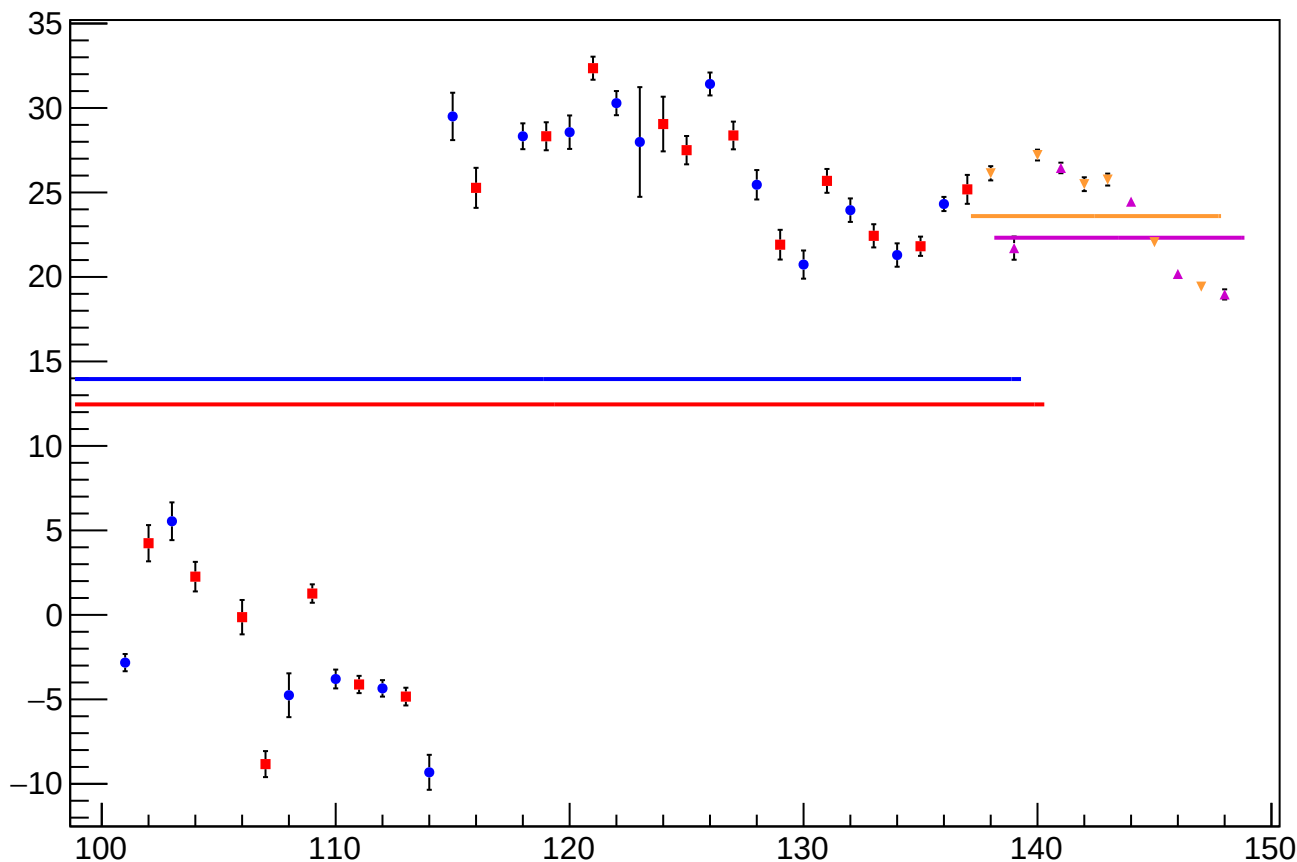
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 28.440 $\pm$ 0.132 χ^2 /NDF:2025.9/21

Out: 30.140 $\pm$ 0.132 χ^2 /NDF:2089.4/23

All: 29.290 $\pm$ 0.093 χ^2 /NDF: 4197.9/45

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.602 $\pm$ 0.129 χ^2 /NDF:470.0/5

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.321 $\pm$ 0.126 χ^2 /NDF:481.4/4

Left: 22.948 $\pm$ 0.090 χ^2 /NDF: 1001.9/10

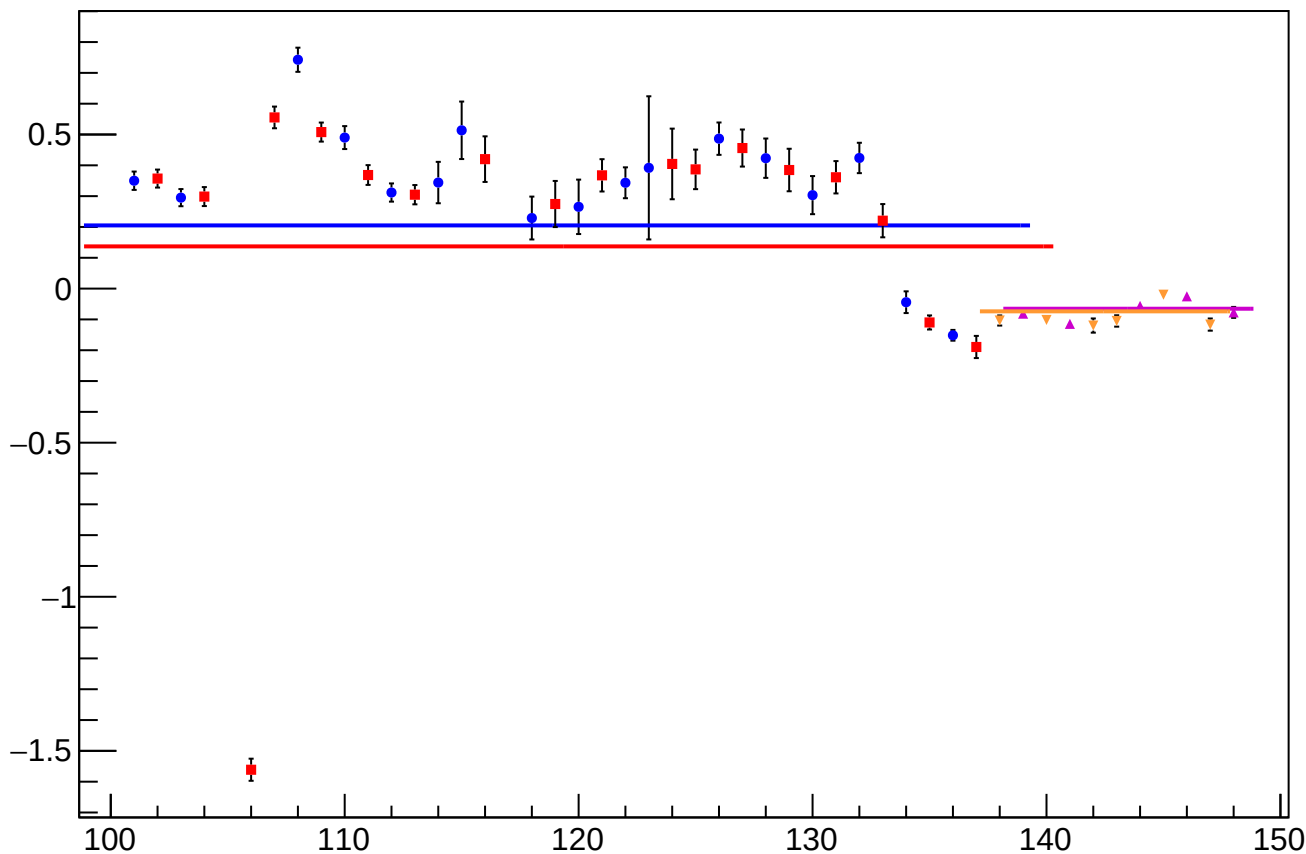
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.406 $\pm$ 0.102 χ^2 /NDF:9365.2/21

Out: 19.654 $\pm$ 0.103 χ^2 /NDF:10107.0/23

All: 19.528 $\pm$ 0.073 χ^2 /NDF: 19475.1/45

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF : 846.7/16

Left Out: -0.074+/-0.006 χ^2/NDF :46.4/5

Right Out: 0.137+/-0.009 χ^2/NDF : 3007.9/17

Left In: -0.065+/-0.006 χ^2/NDF :22.0/4

Left: -0.070+/-0.004 χ^2/NDF : 69.3/10

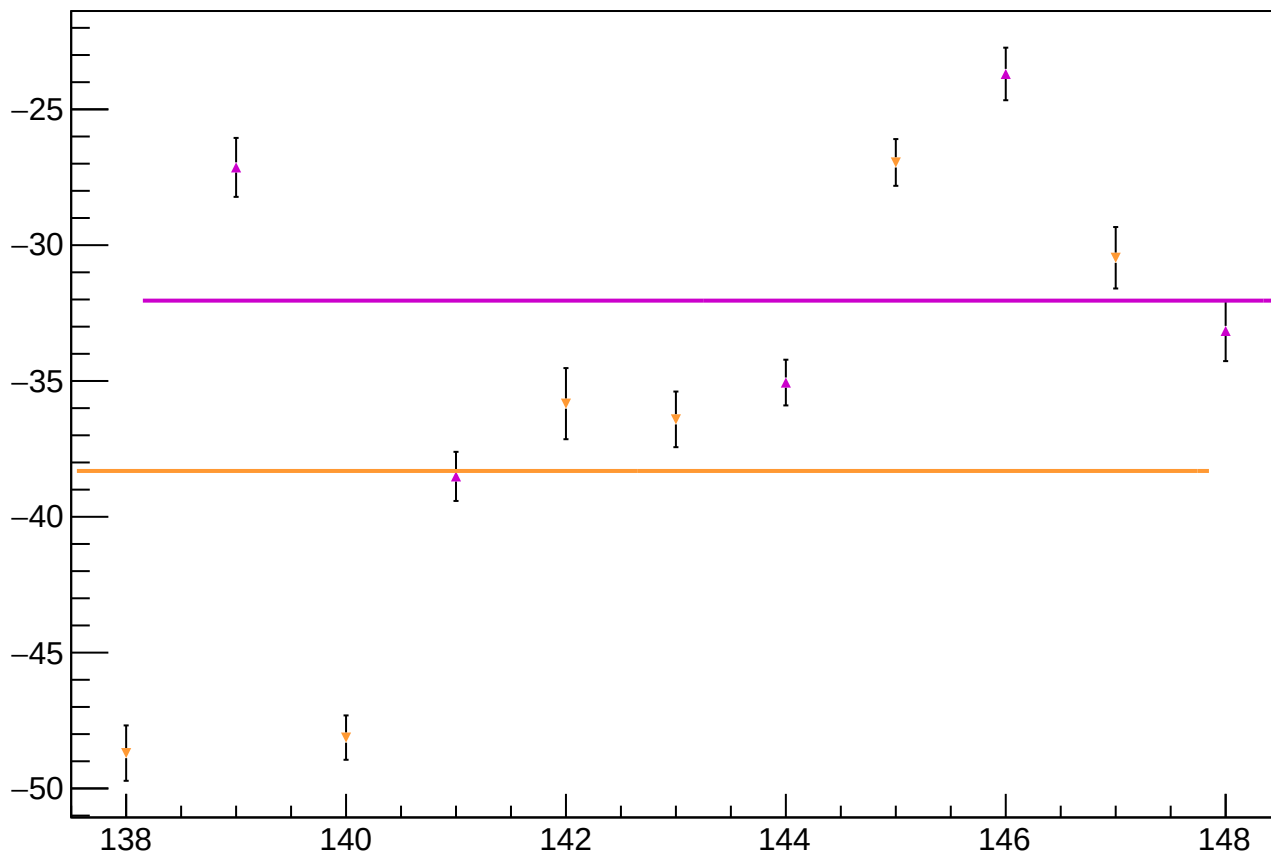
Right: 0.170+/-0.007 χ^2/NDF : 3881.4/34

In: 0.021+/-0.005 χ^2/NDF :1435.0/21

Out: -0.007+/-0.005 χ^2/NDF :3410.4/23

All: 0.007+/-0.004 χ^2/NDF : 4859.3/45

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -38.312 ± 0.404 χ^2/NDF : 477.7/5

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: -35.386 ± 0.295 χ^2/NDF : 750.1/10

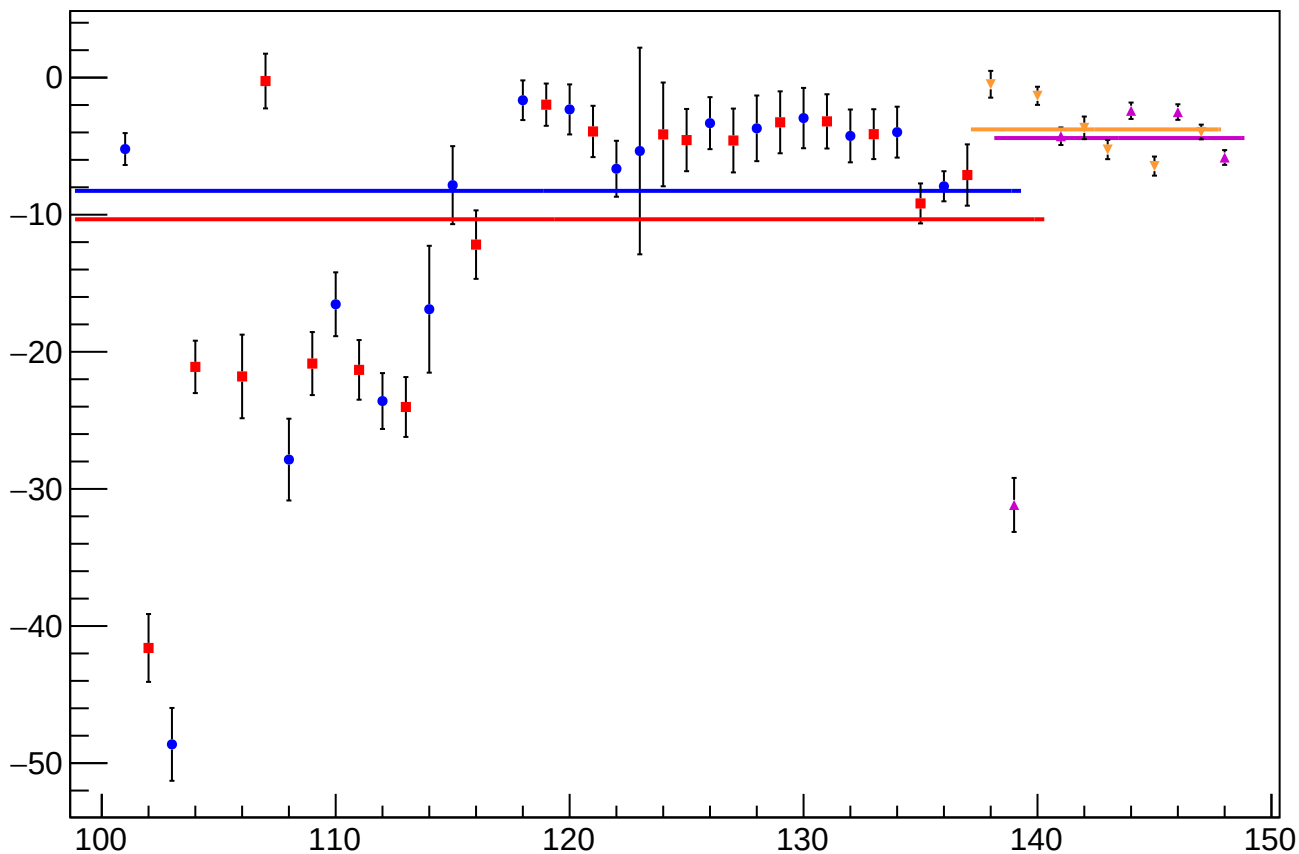
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -32.042 ± 0.432 χ^2/NDF : 159.9/4

Out: -38.312 ± 0.404 χ^2/NDF : 477.7/5

All: -35.386 ± 0.295 χ^2/NDF : 750.1/10

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.777 ± 0.284 $\chi^2/\text{NDF}: 44.4/5$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -4.409 ± 0.288 $\chi^2/\text{NDF}: 213.5/4$

Left: -4.088 ± 0.202 $\chi^2/\text{NDF}: 260.4/10$

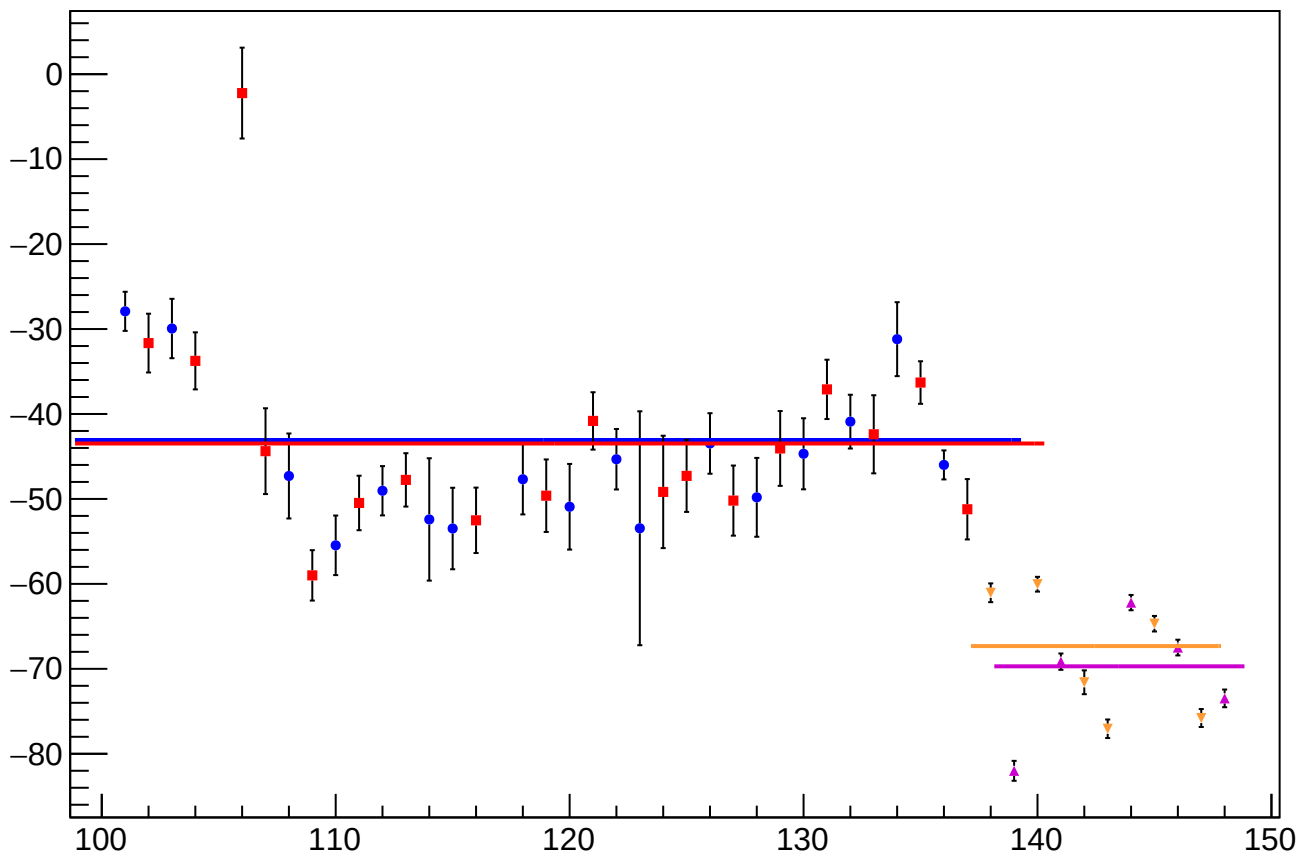
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.488 ± 0.245 $\chi^2/\text{NDF}: 675.4/21$

Out: -5.420 ± 0.246 $\chi^2/\text{NDF}: 588.9/23$

All: -5.454 ± 0.173 $\chi^2/\text{NDF}: 1264.3/45$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -67.321 ± 0.423 $\chi^2/\text{NDF}: 263.8/5$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -69.705 ± 0.442 $\chi^2/\text{NDF}: 198.4/4$

Left: -68.463 ± 0.306 $\chi^2/\text{NDF}: 477.4/10$

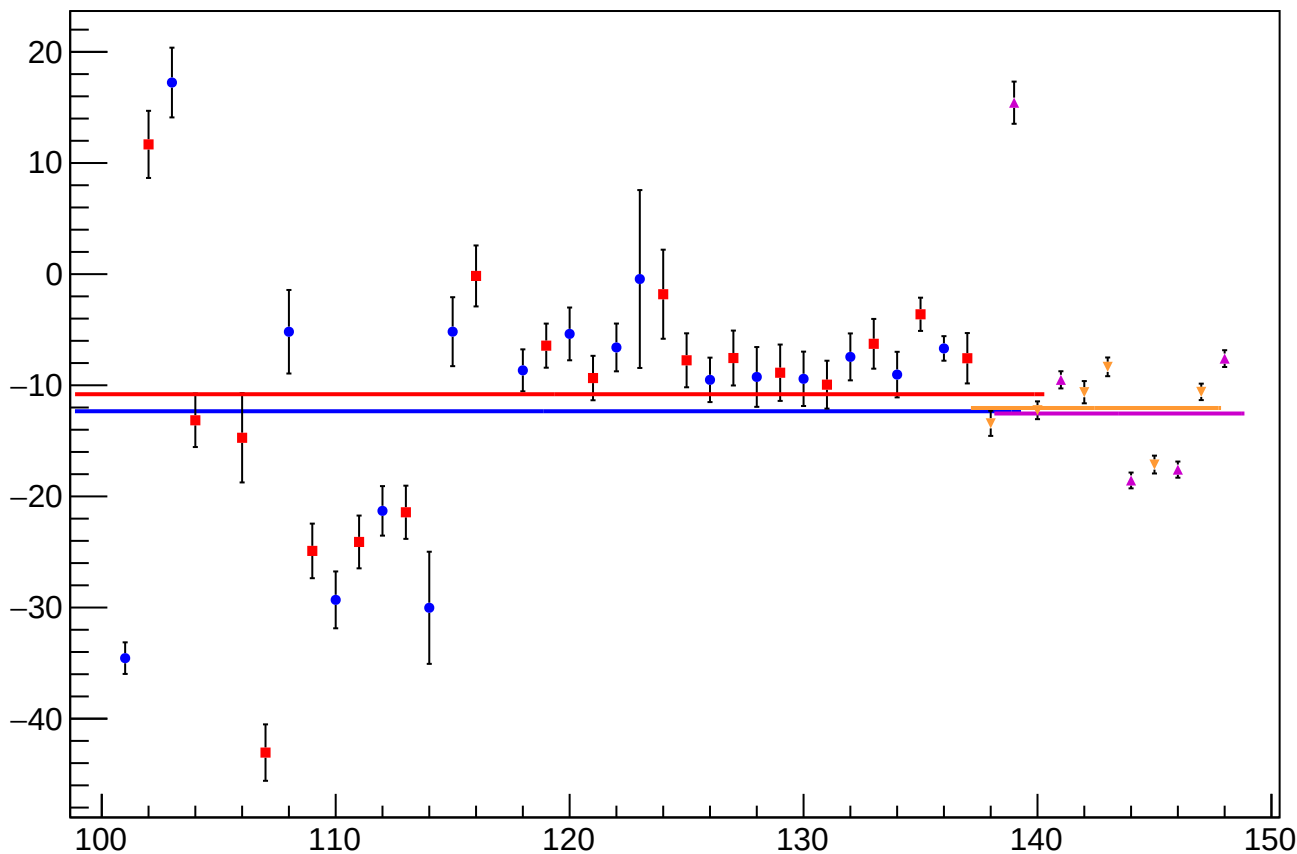
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -63.888 ± 0.390 $\chi^2/\text{NDF}: 1092.5/21$

Out: -62.747 ± 0.380 $\chi^2/\text{NDF}: 1015.1/23$

All: -63.303 ± 0.272 $\chi^2/\text{NDF}: 2112.0/45$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -12.044 ± 0.351 $\chi^2/\text{NDF}: 67.0/5$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -12.541 ± 0.363 $\chi^2/\text{NDF}: 395.3/4$

Left: -12.283 ± 0.252 $\chi^2/\text{NDF}: 463.3/10$

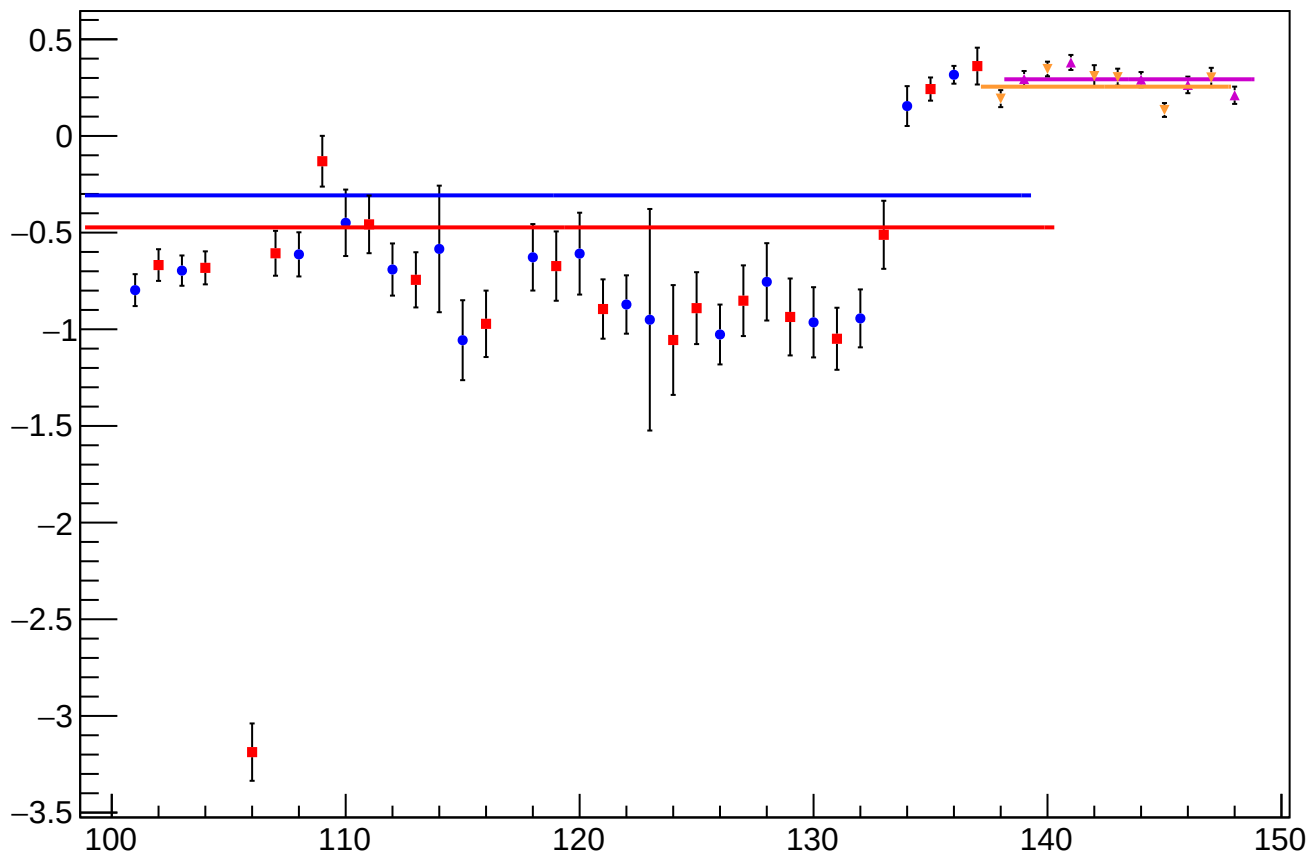
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -12.473 ± 0.298 $\chi^2/\text{NDF}: 870.6/21$

Out: -11.689 ± 0.296 $\chi^2/\text{NDF}: 431.9/23$

All: -12.079 ± 0.210 $\chi^2/\text{NDF}: 1306.0/45$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.255 ± 0.018 χ^2/NDF : 22.2/5

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.293 ± 0.018 χ^2/NDF : 8.9/4

Left: 0.273 ± 0.013 χ^2/NDF : 33.3/10

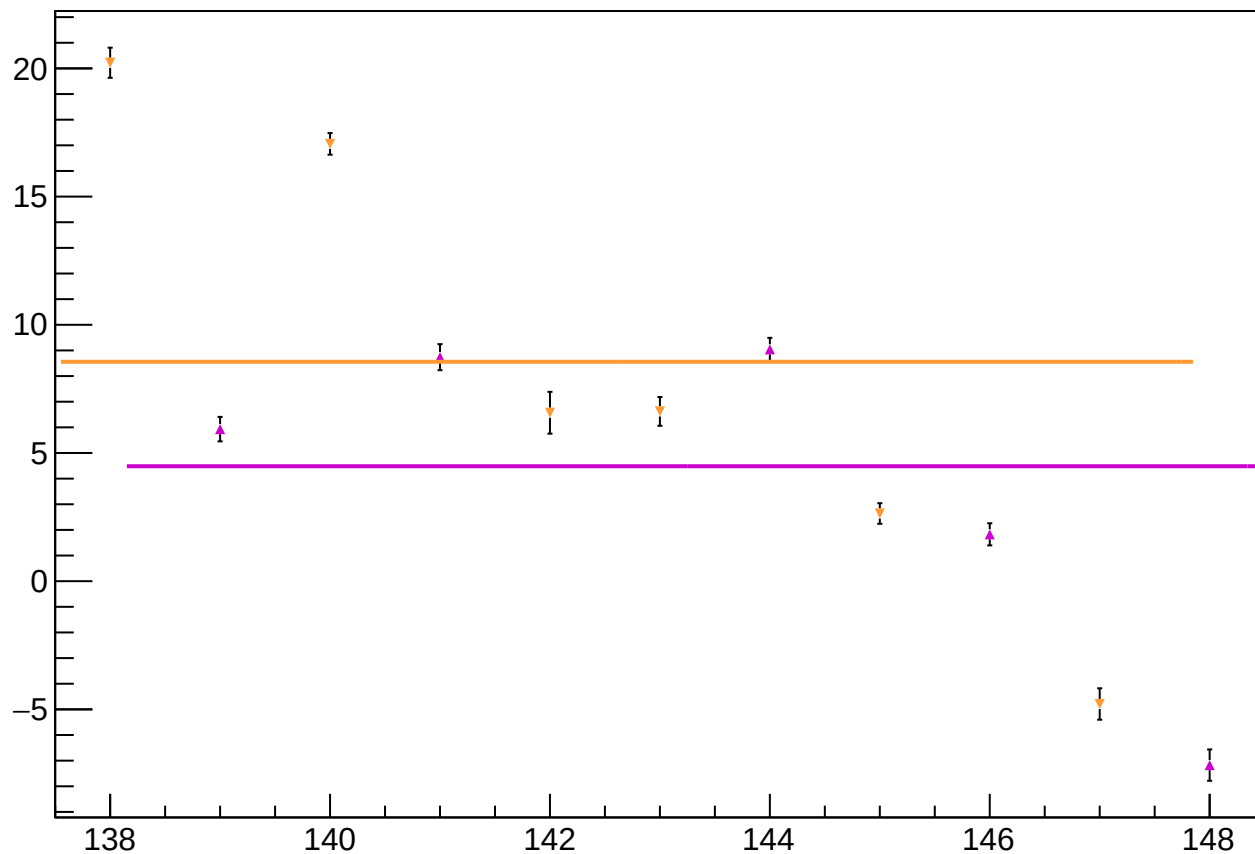
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.107 ± 0.015 χ^2/NDF : 709.3/21

Out: 0.055 ± 0.015 χ^2/NDF : 1117.9/23

All: 0.080 ± 0.011 χ^2/NDF : 1833.0/45

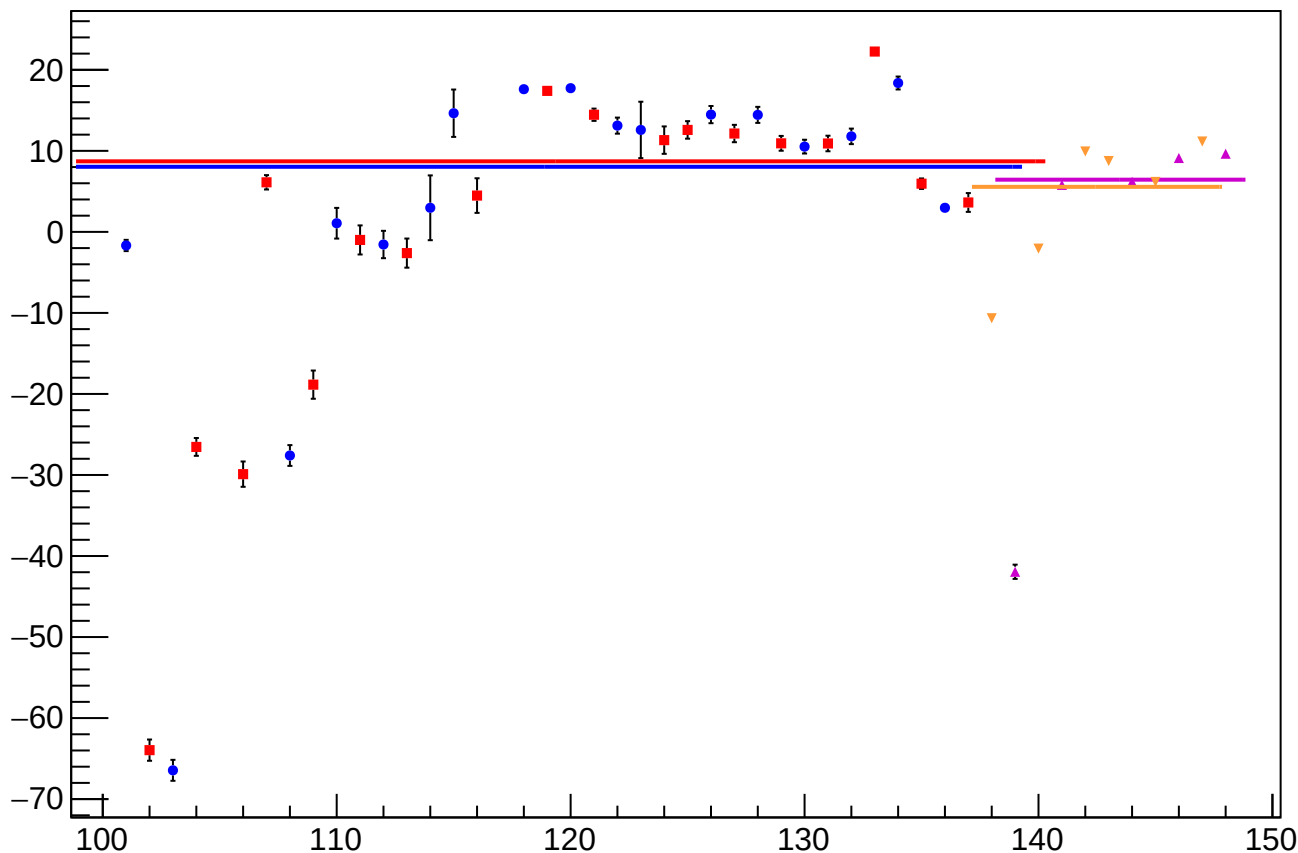
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.558 $\pm$ 0.213 χ^2 /NDF:1509.4/5
 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: 6.558 $\pm$ 0.152 χ^2 /NDF: 2272.3/10
 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: 8.558 $\pm$ 0.213 χ^2 /NDF:1509.4/5
 All: 6.558 $\pm$ 0.152 χ^2 /NDF: 2272.3/10

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 5.558+/-0.154 χ^2/NDF : 1718.8/5

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.443+/-0.153 χ^2/NDF : 3235.8/4

Left: 6.002+/-0.109 χ^2/NDF : 4971.1/10

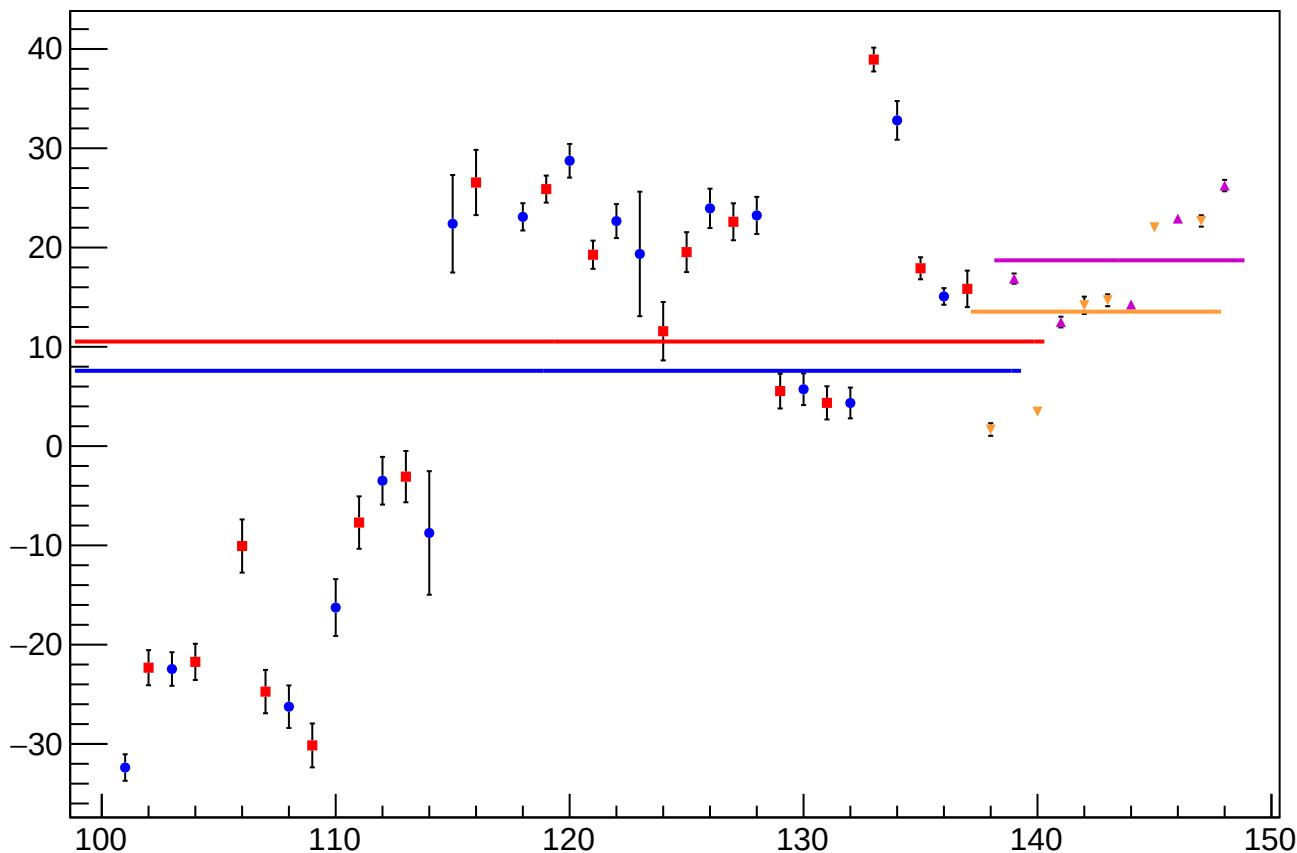
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 6.979+/-0.125 χ^2/NDF : 8642.3/21

Out: 6.638+/-0.125 χ^2/NDF : 8152.5/23

All: 6.808+/-0.088 χ^2/NDF : 16798.5/45

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 13.543 ± 0.223 χ^2/NDF : 1508.0/5

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 18.711 ± 0.222 χ^2/NDF : 506.2/4

Left: 16.143 ± 0.157 χ^2/NDF : 2284.5/10

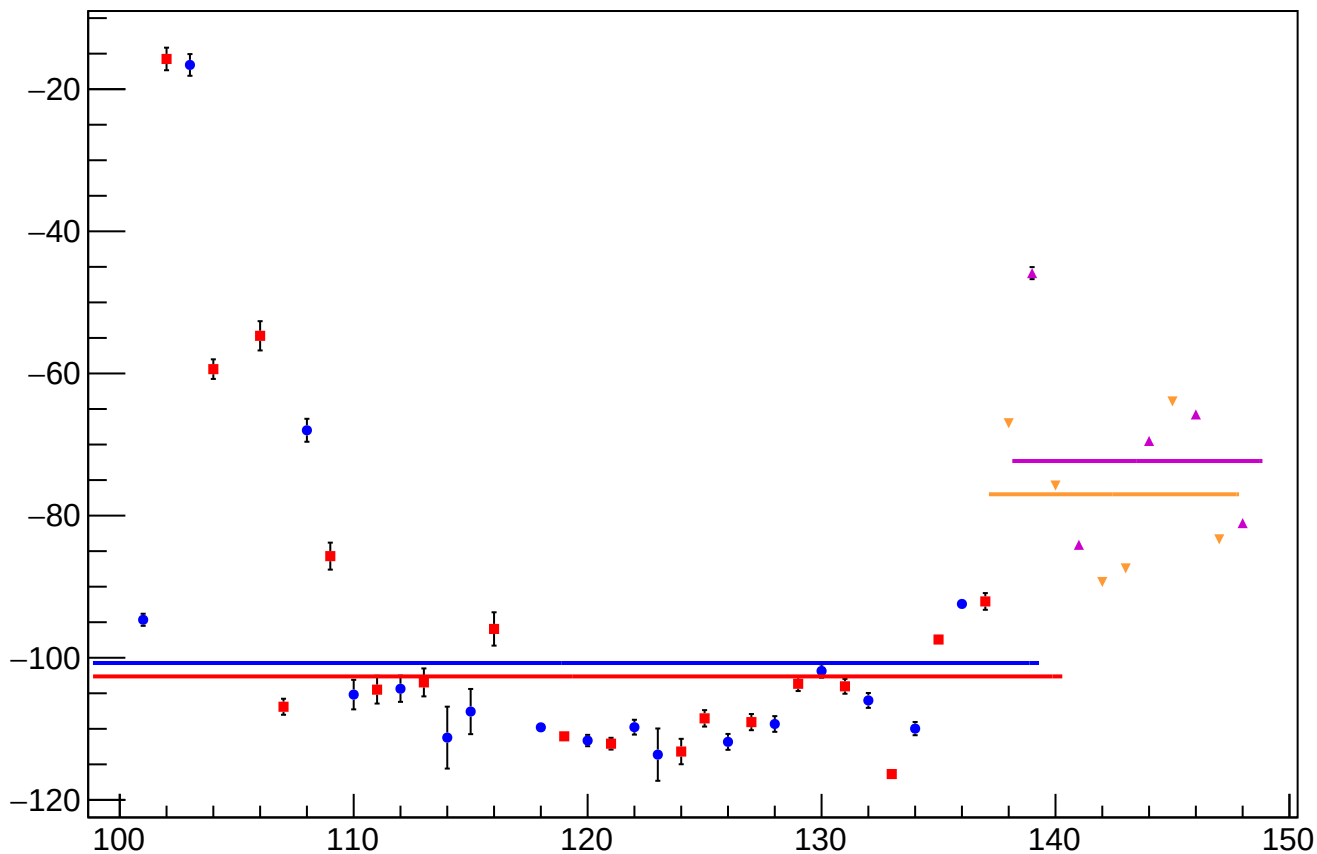
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 16.255 ± 0.196 χ^2/NDF : 3385.6/21

Out: 12.875 ± 0.197 χ^2/NDF : 3827.9/23

All: 14.574 ± 0.139 χ^2/NDF : 7362.0/45

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -77.000+/-0.189 χ^2/NDF : 2556.1/5

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -72.317+/-0.190 χ^2/NDF : 2556.9/4

Left: -74.676+/-0.134 χ^2/NDF : 5419.3/10

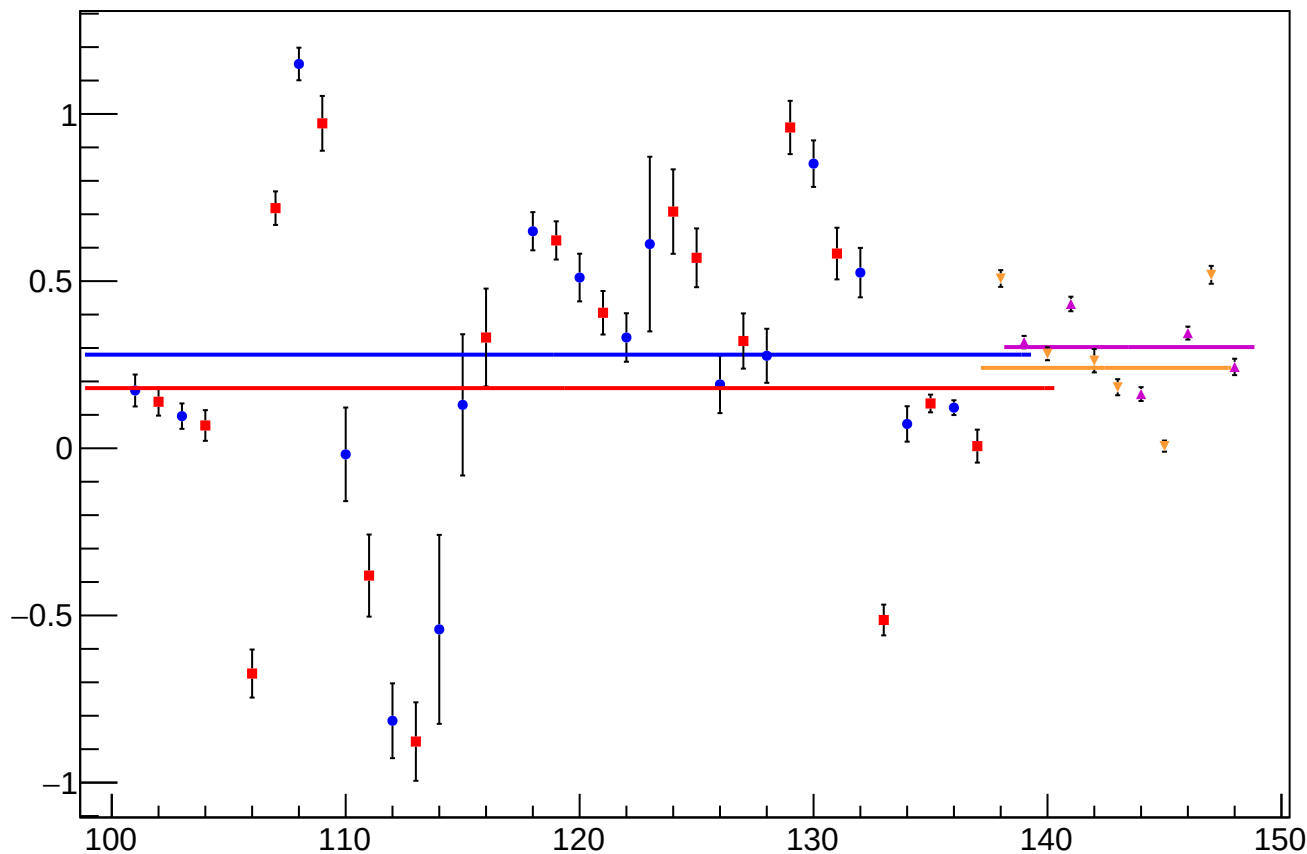
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -82.807+/-0.151 χ^2/NDF : 15341.3/21

Out: -86.475+/-0.150 χ^2/NDF : 15105.1/23

All: -84.656+/-0.106 χ^2/NDF : 30744.2/45

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 $\chi^2/\text{NDF}: 656.4/16$

Left Out: 0.241 ± 0.009 $\chi^2/\text{NDF}: 430.5/5$

Right Out: 0.180 ± 0.013 $\chi^2/\text{NDF}: 937.1/17$

Left In: 0.303 ± 0.009 $\chi^2/\text{NDF}: 92.4/4$

Left: 0.272 ± 0.007 $\chi^2/\text{NDF}: 545.5/10$

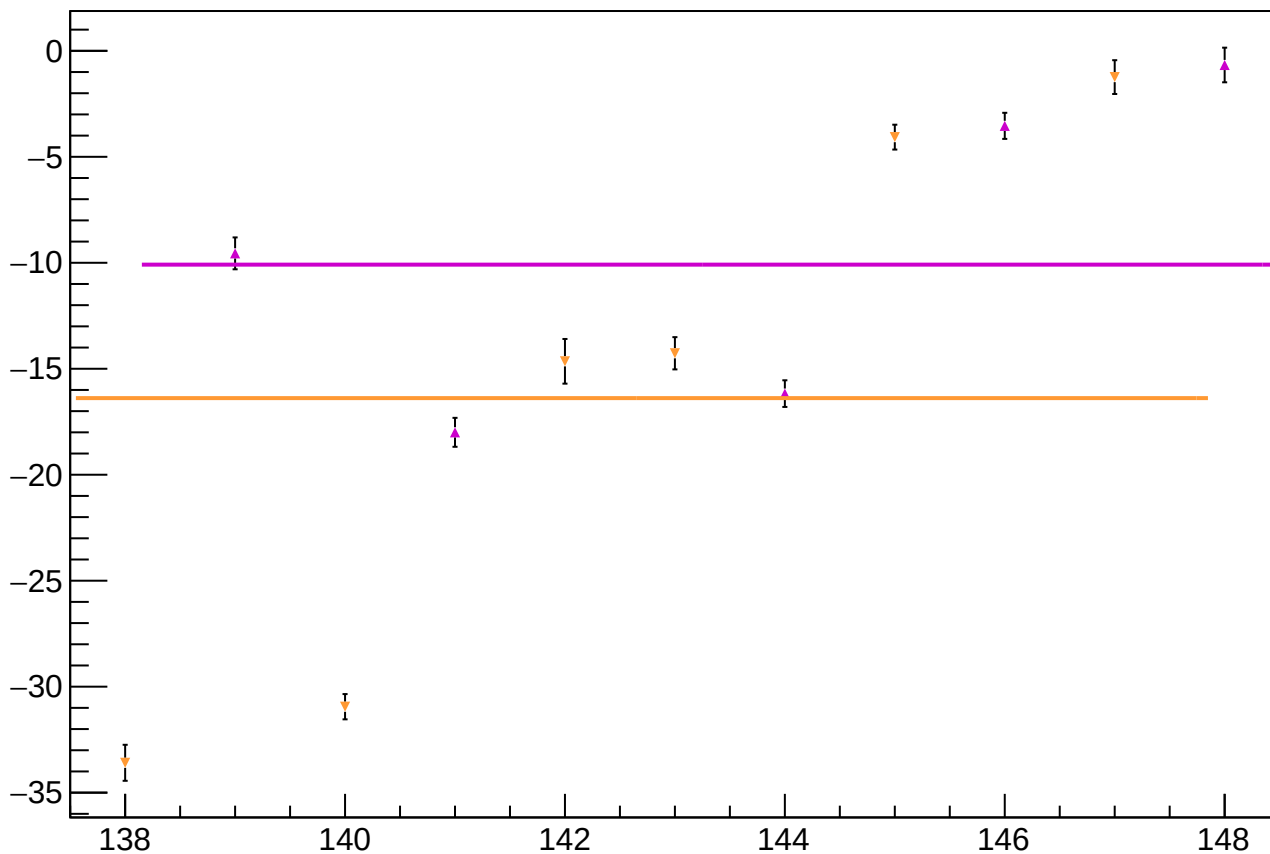
Right: 0.230 ± 0.010 $\chi^2/\text{NDF}: 1621.0/34$

In: 0.295 ± 0.008 $\chi^2/\text{NDF}: 750.7/21$

Out: 0.221 ± 0.008 $\chi^2/\text{NDF}: 1381.4/23$

All: 0.258 ± 0.005 $\chi^2/\text{NDF}: 2179.4/45$

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.385+/-0.297 χ^2/NDF :1819.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.088+/-0.307 χ^2/NDF :474.5/4

Left: -13.342+/-0.214 χ^2/NDF : 2510.4/10

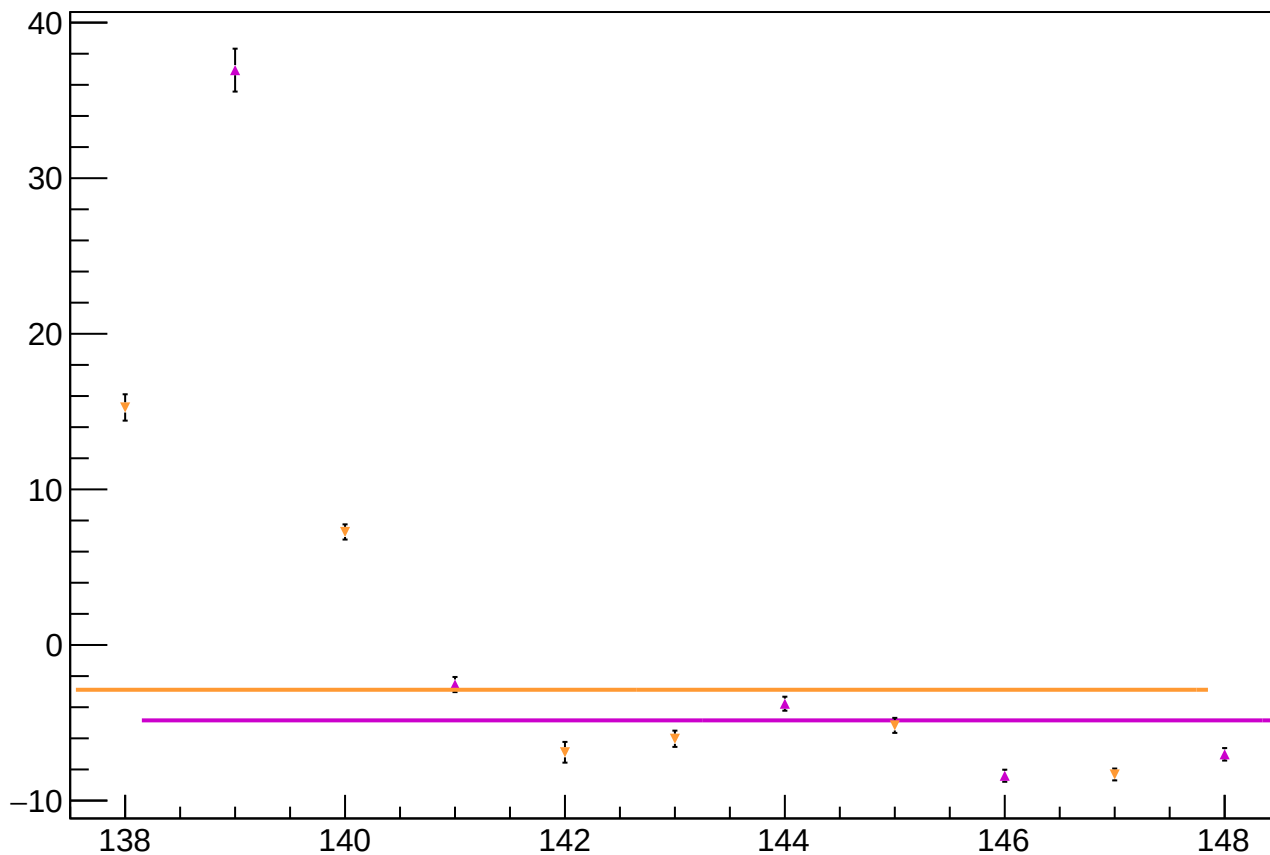
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.088+/-0.307 χ^2/NDF :474.5/4

Out: -16.385+/-0.297 χ^2/NDF :1819.2/5

All: -13.342+/-0.214 χ^2/NDF : 2510.4/10

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



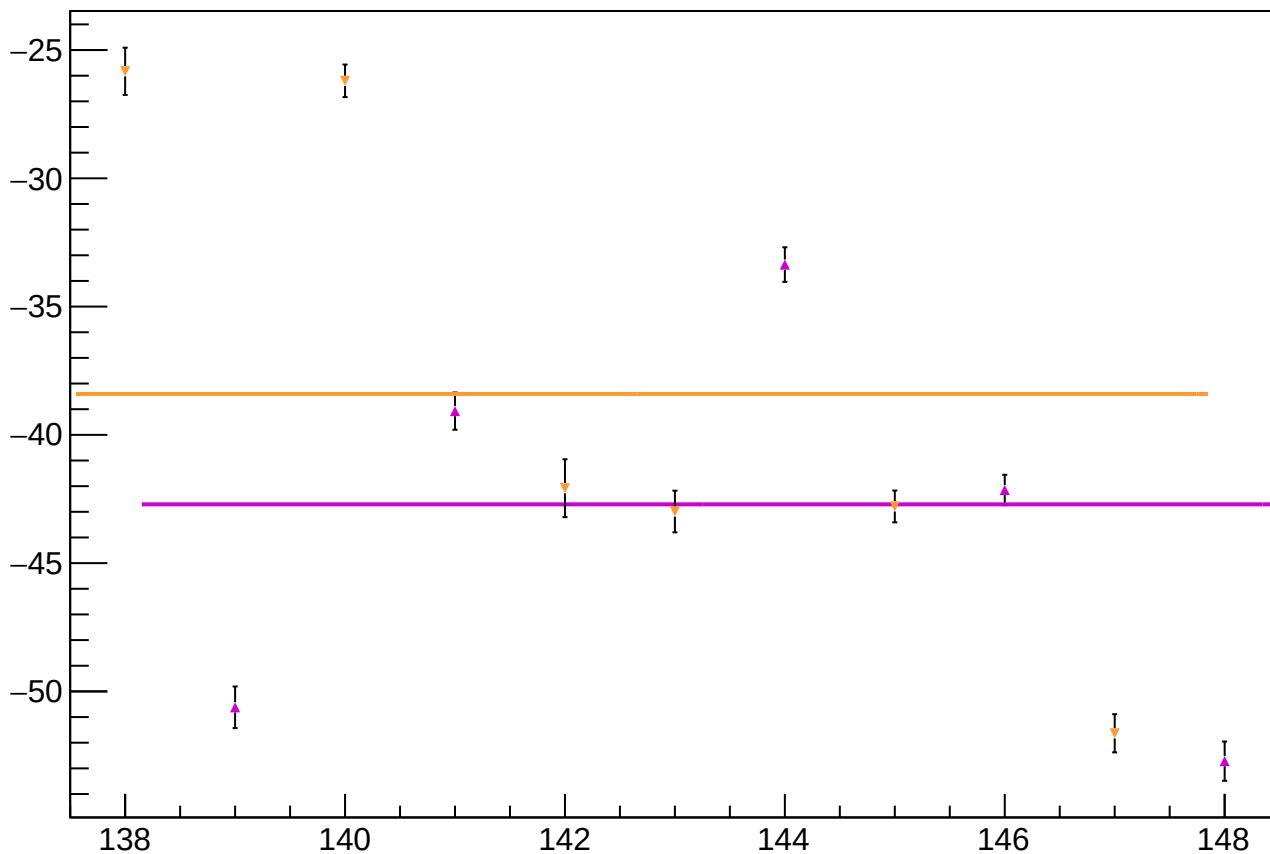
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.878+/-0.210 χ^2/NDF :1188.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.845+/-0.211 χ^2/NDF :1059.4/4

Left: -3.858+/-0.149 χ^2/NDF : 2291.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.845+/-0.211 χ^2/NDF :1059.4/4
 Out: -2.878+/-0.210 χ^2/NDF :1188.0/5

All: -3.858+/-0.149 χ^2/NDF : 2291.0/10

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.406+/-0.311 χ^2/NDF :964.3/5

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: -40.537+/-0.221 χ^2/NDF : 1543.4/10

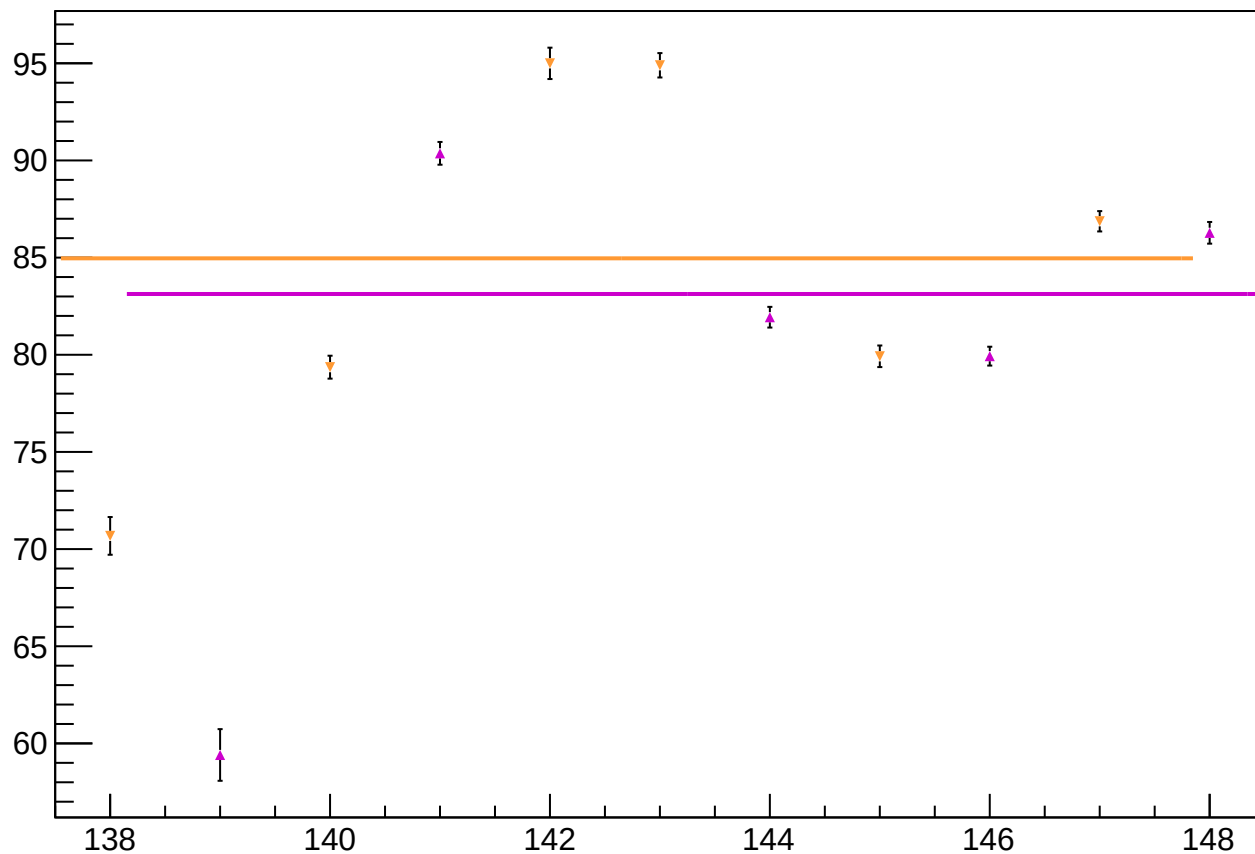
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.709+/-0.313 χ^2/NDF :484.0/4

Out: -38.406+/-0.311 χ^2/NDF :964.3/5

All: -40.537+/-0.221 χ^2/NDF : 1543.4/10

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: 84.963+/-0.259 χ^2/NDF : 807.5/5

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: 84.059+/-0.184 χ^2/NDF : 1383.7/10

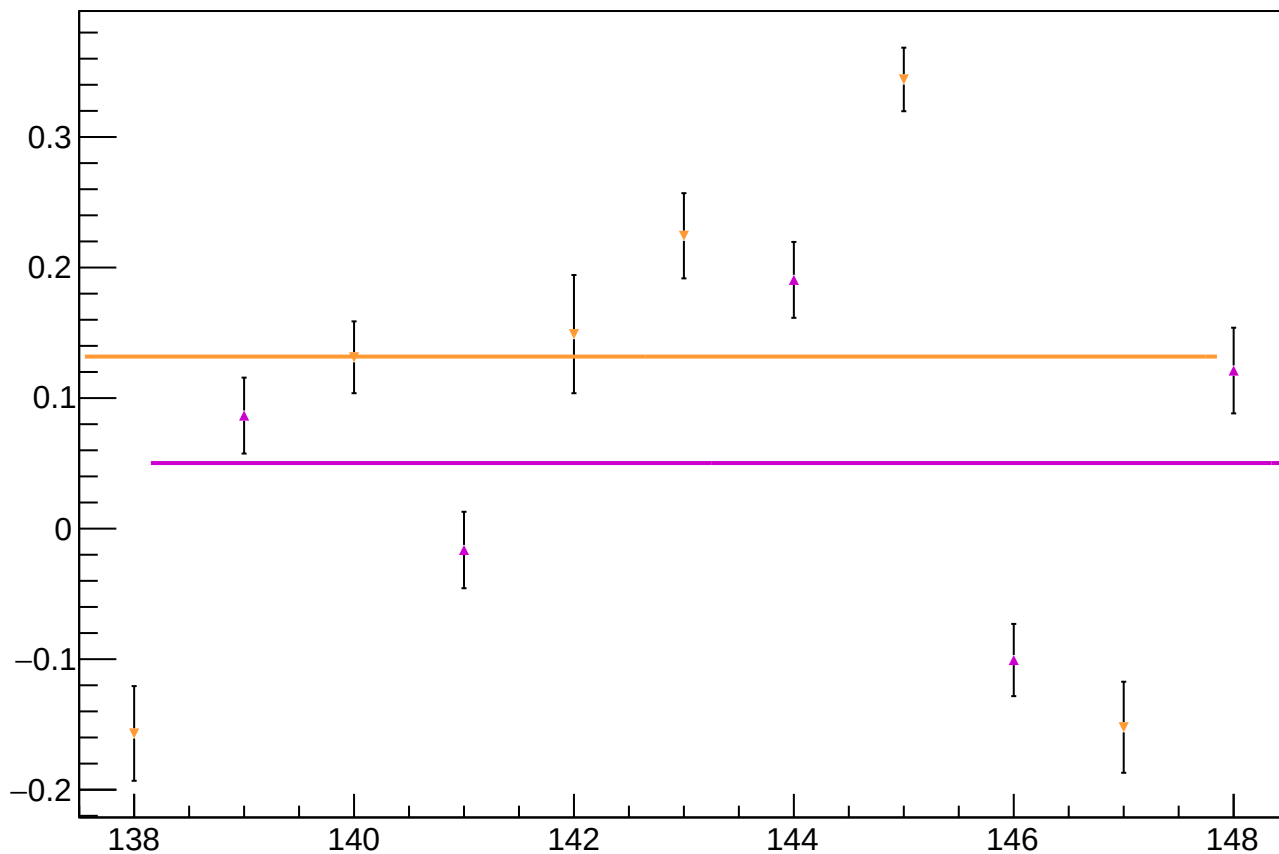
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.127+/-0.263 χ^2/NDF : 551.5/4

Out: 84.963+/-0.259 χ^2/NDF : 807.5/5

All: 84.059+/-0.184 χ^2/NDF : 1383.7/10

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.132 $\pm$ 0.013 χ^2 /NDF:213.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4

Left: 0.092 $\pm$ 0.009 χ^2 /NDF: 297.9/10

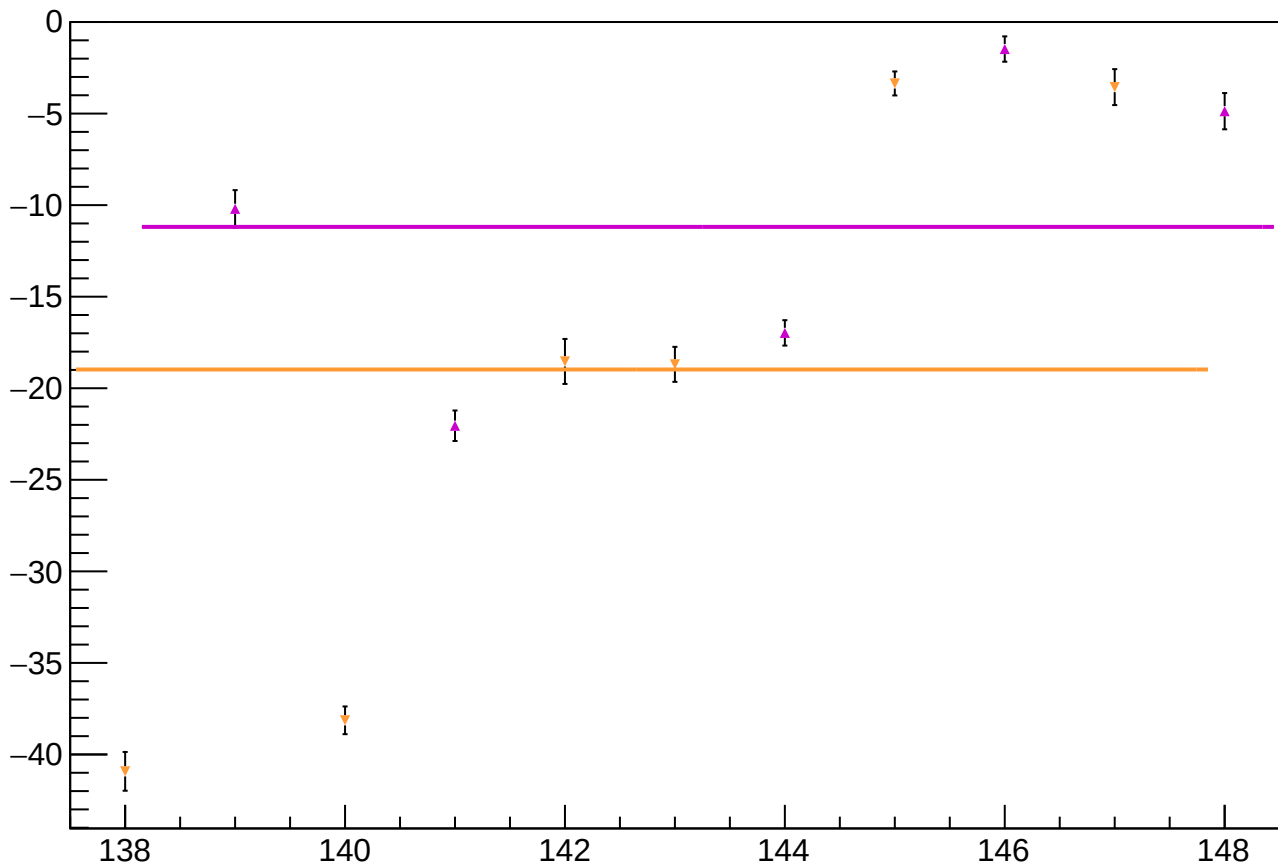
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4

Out: 0.132 $\pm$ 0.013 χ^2 /NDF:213.9/5

All: 0.092 $\pm$ 0.009 χ^2 /NDF: 297.9/10

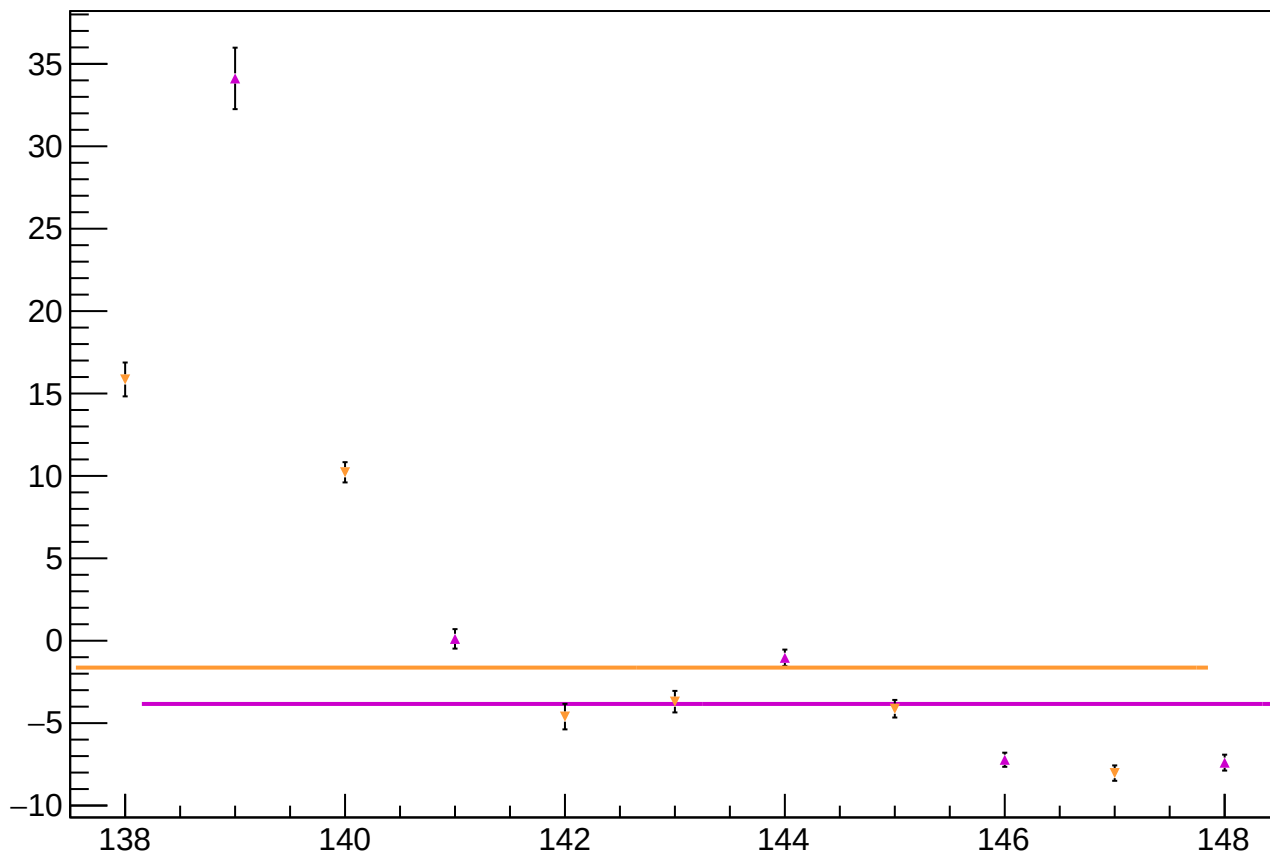
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.976+/-0.359 χ^2/NDF :1886.6/5
 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: -15.127+/-0.255 χ^2/NDF : 2597.4/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.188+/-0.363 χ^2/NDF :478.0/4
 Out: -18.976+/-0.359 χ^2/NDF :1886.6/5
 All: -15.127+/-0.255 χ^2/NDF : 2597.4/10

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: -1.630+/-0.252 χ^2/NDF : 896.5/5

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: -2.776+/-0.175 χ^2/NDF : 1543.8/10

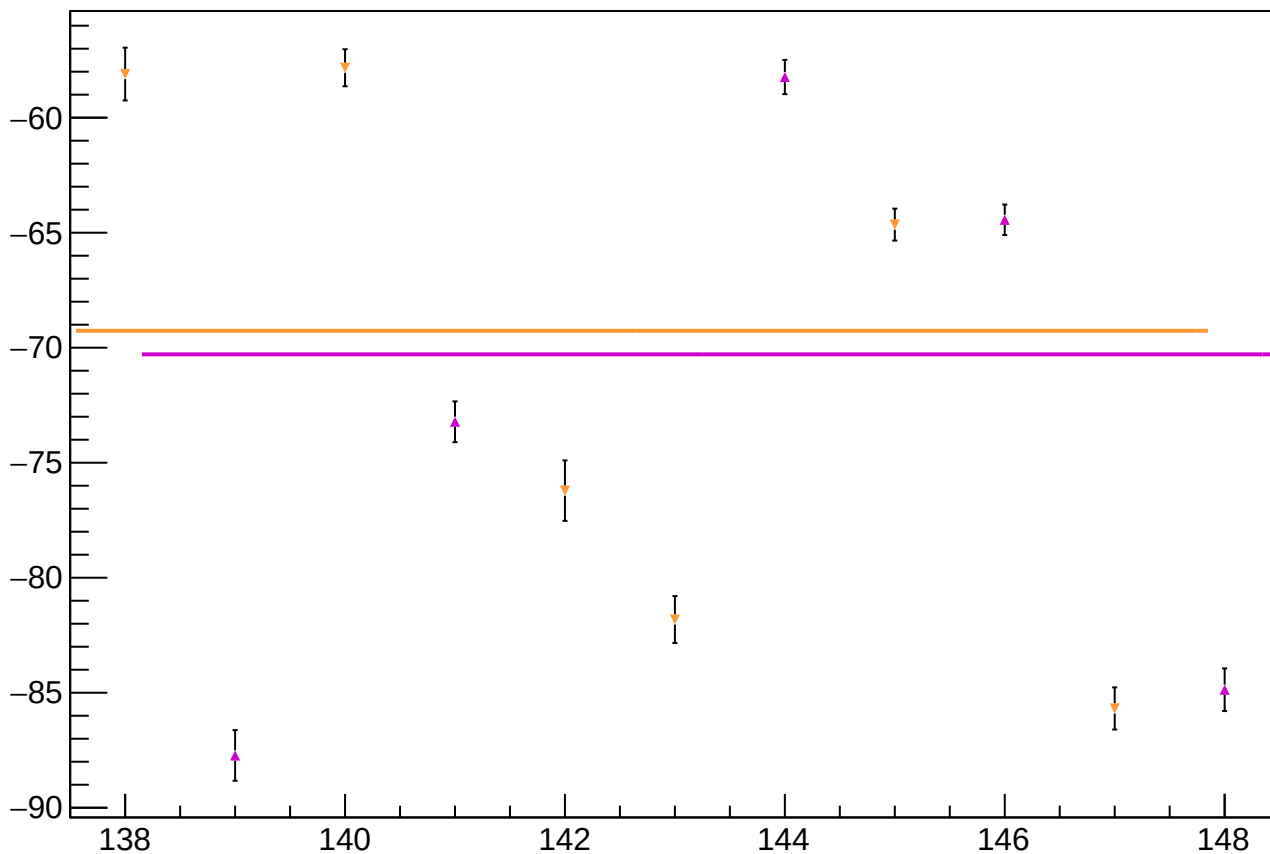
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Out: -1.630+/-0.252 χ^2/NDF : 896.5/5

All: -2.776+/-0.175 χ^2/NDF : 1543.8/10

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: -69.262+/-0.375 χ^2/NDF :840.7/5

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: -69.784+/-0.263 χ^2/NDF : 1693.3/10

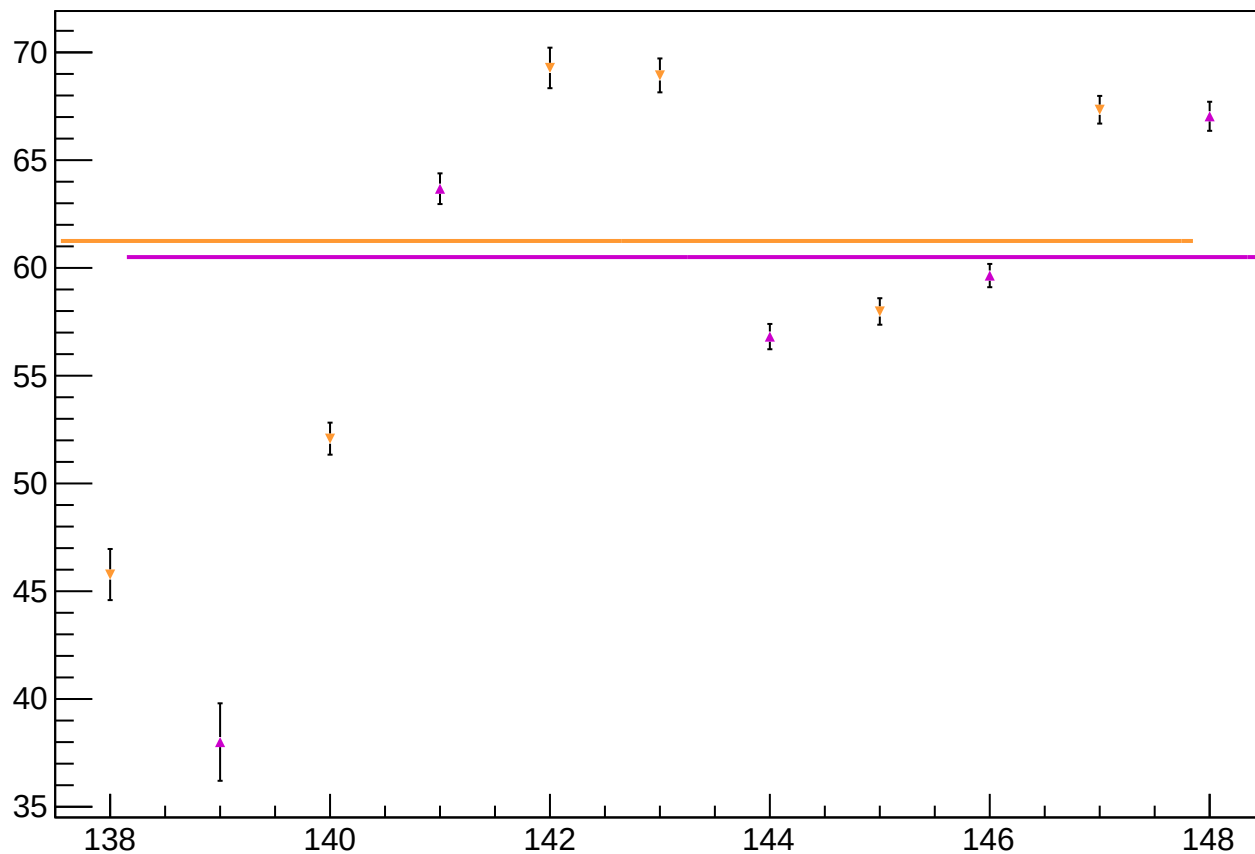
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.290+/-0.369 χ^2/NDF :848.8/4

Out: -69.262+/-0.375 χ^2/NDF :840.7/5

All: -69.784+/-0.263 χ^2/NDF : 1693.3/10

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: 61.251+/-0.311 χ^2/NDF :609.3/5

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: 60.868+/-0.217 χ^2/NDF : 924.8/10

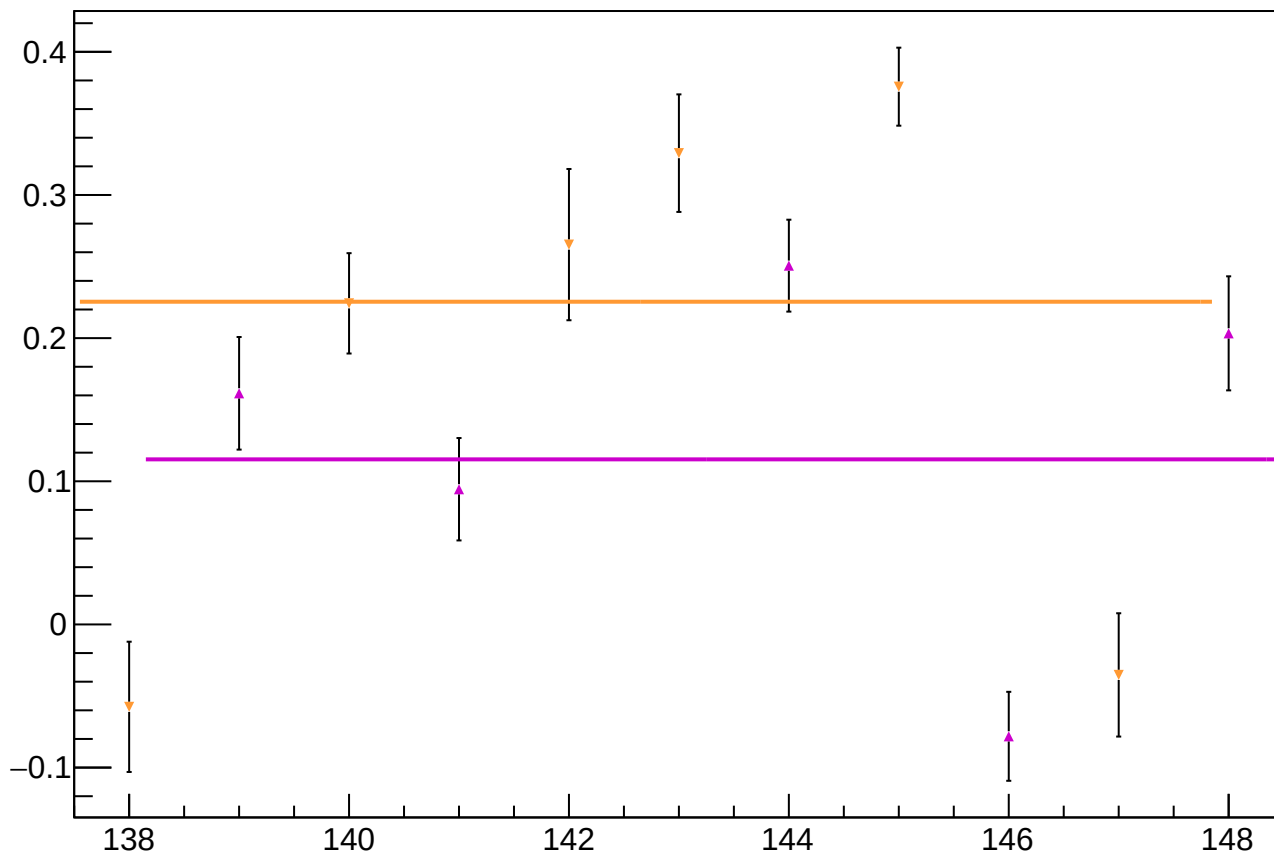
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.503+/-0.304 χ^2/NDF :312.5/4

Out: 61.251+/-0.311 χ^2/NDF :609.3/5

All: 60.868+/-0.217 χ^2/NDF : 924.8/10

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.225+/-0.016 χ^2/NDF :112.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.115+/-0.016 χ^2/NDF :63.1/4

Left: 0.171+/-0.011 χ^2/NDF : 200.6/10

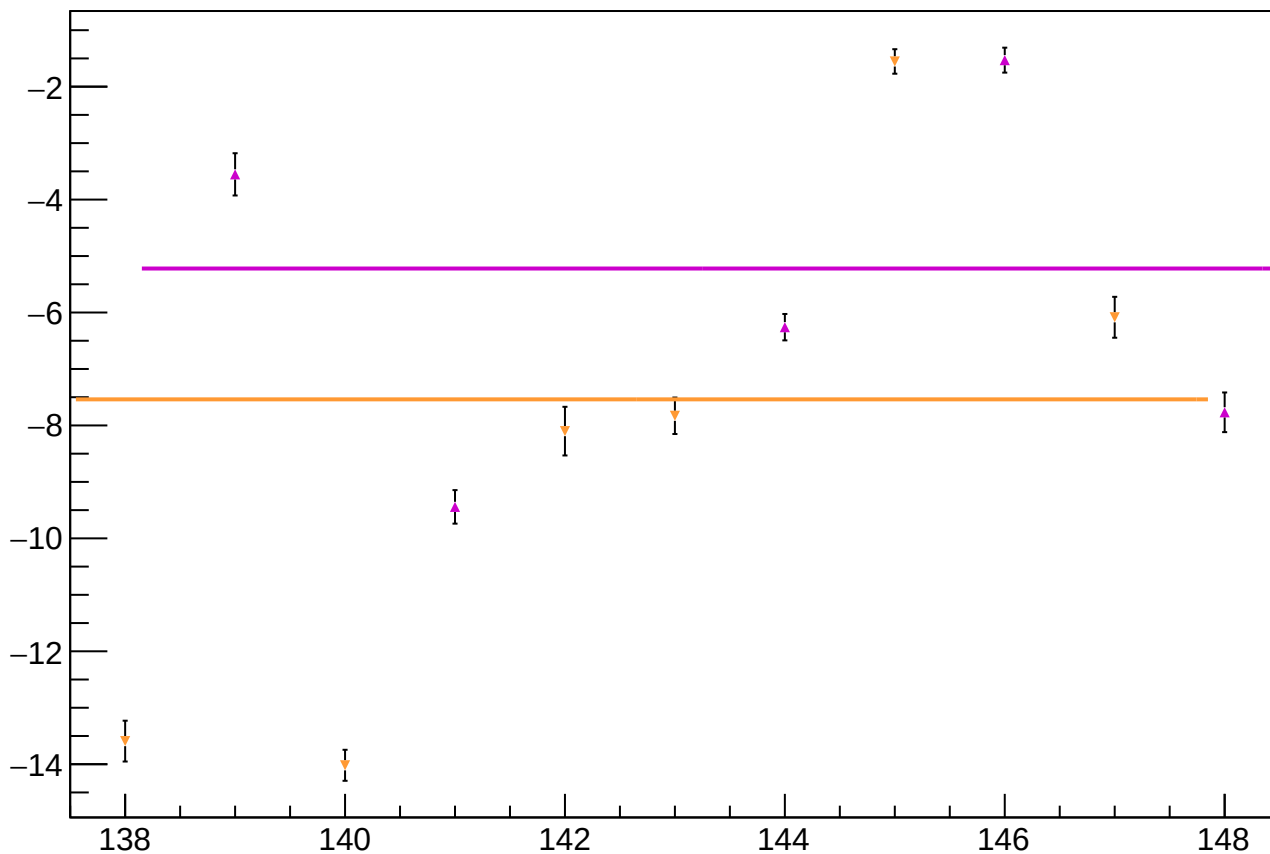
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.115+/-0.016 χ^2/NDF :63.1/4

Out: 0.225+/-0.016 χ^2/NDF :112.7/5

All: 0.171+/-0.011 χ^2/NDF : 200.6/10

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



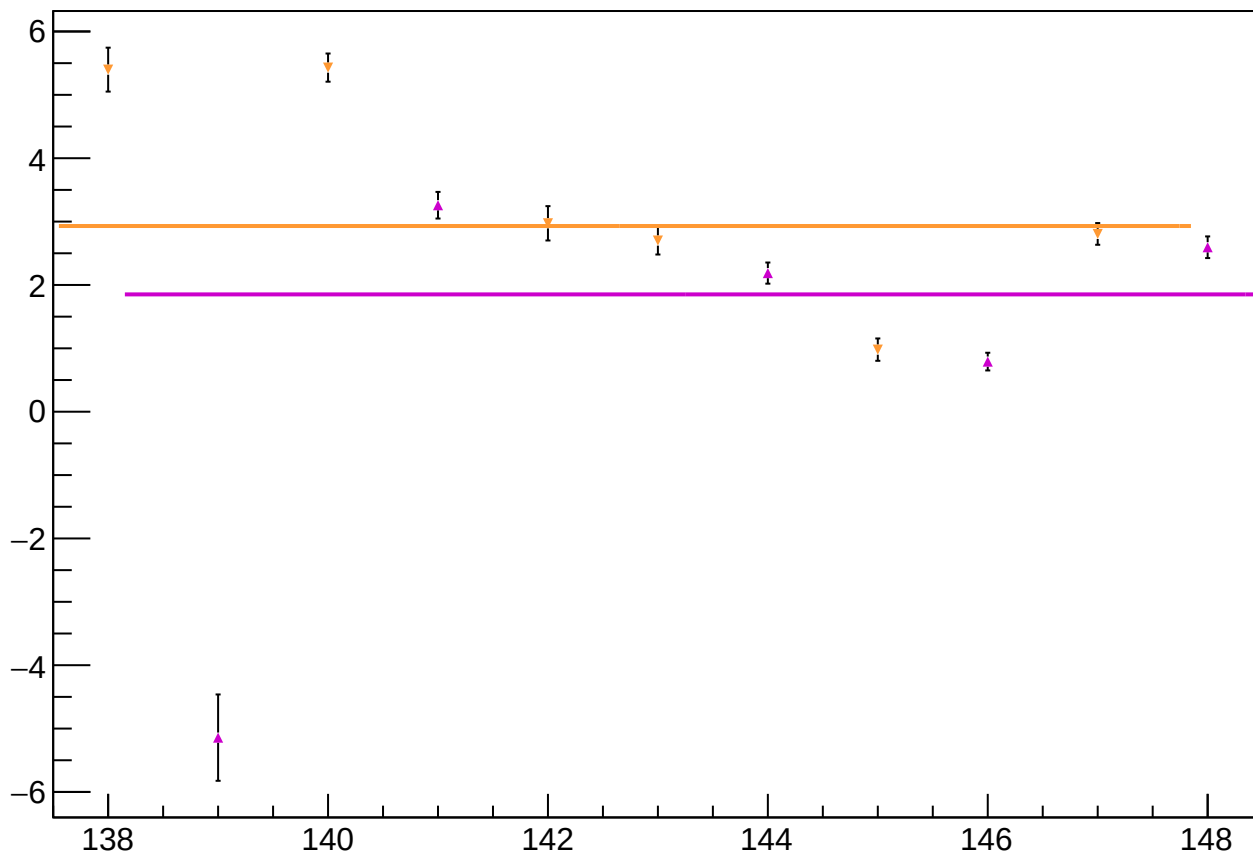
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.538+/-0.124 χ^2/NDF :1616.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.221+/-0.124 χ^2/NDF :573.5/4

Left: -6.374+/-0.088 χ^2/NDF : 2364.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.221+/-0.124 χ^2/NDF :573.5/4
 Out: -7.538+/-0.124 χ^2/NDF :1616.3/5

All: -6.374+/-0.088 χ^2/NDF : 2364.5/10

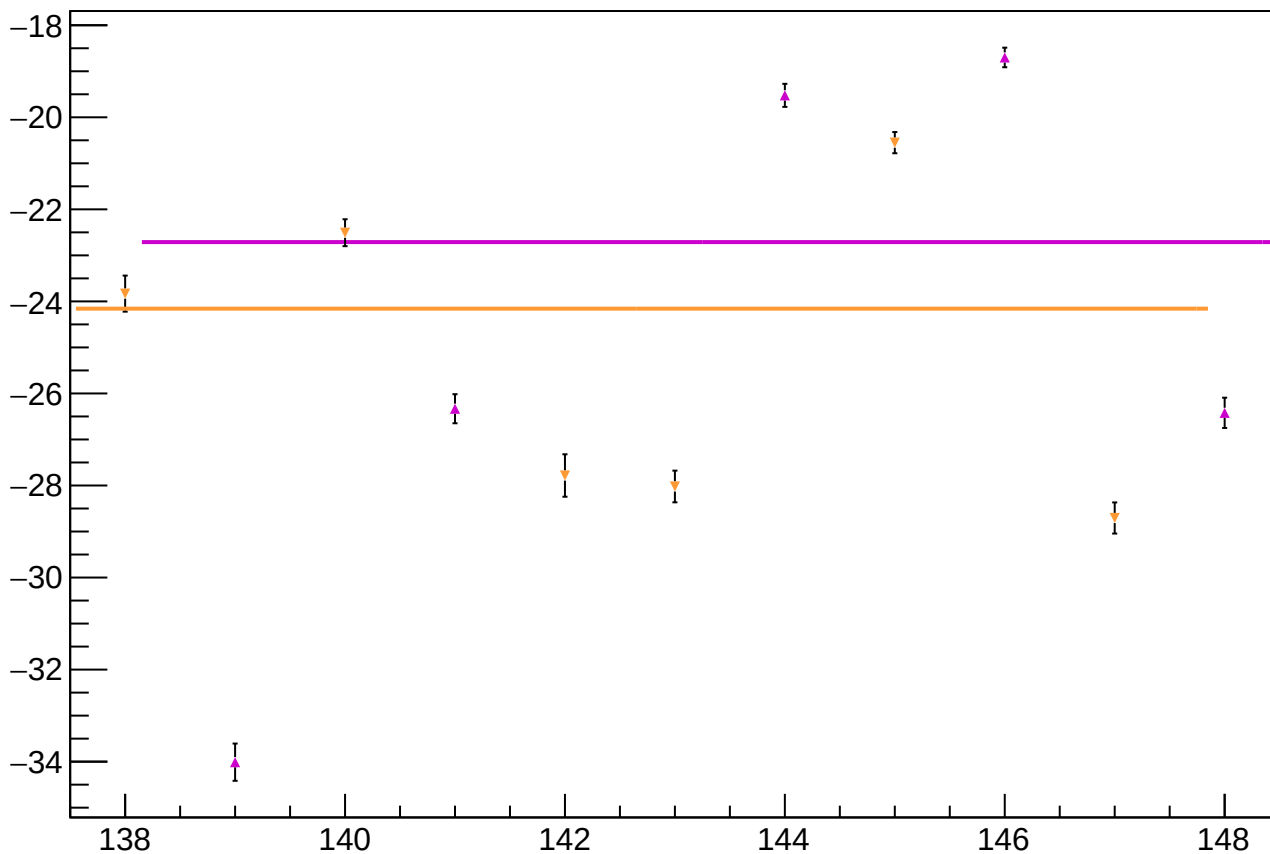
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.930+/-0.088 χ^2/NDF :301.2/5
 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: 2.357+/-0.060 χ^2/NDF : 612.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.851+/-0.083 χ^2/NDF :231.0/4
 Out: 2.930+/-0.088 χ^2/NDF :301.2/5
 All: 2.357+/-0.060 χ^2/NDF : 612.0/10

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: -24.158+/-0.130 χ^2/NDF :646.2/5

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: -23.408+/-0.090 χ^2/NDF : 2267.3/10

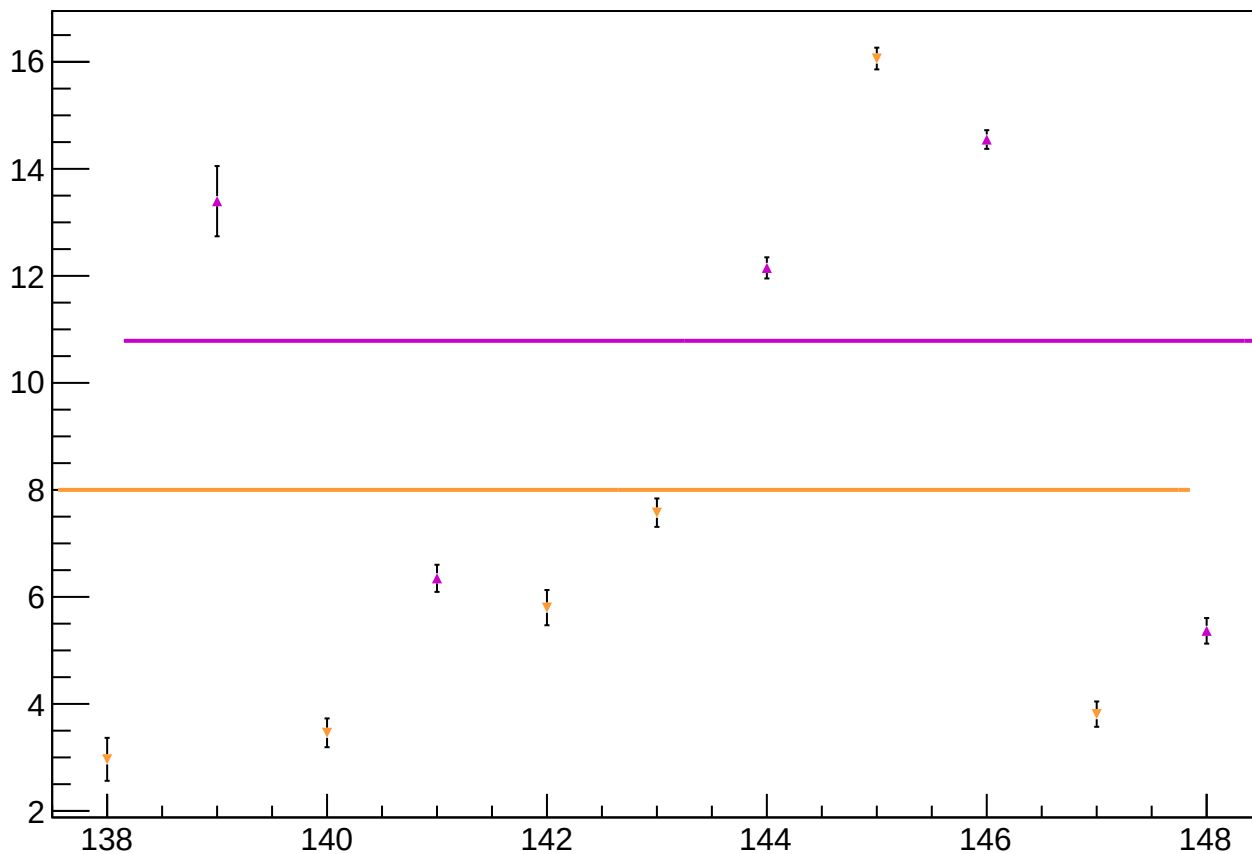
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.711+/-0.126 χ^2/NDF :1557.1/4

Out: -24.158+/-0.130 χ^2/NDF :646.2/5

All: -23.408+/-0.090 χ^2/NDF : 2267.3/10

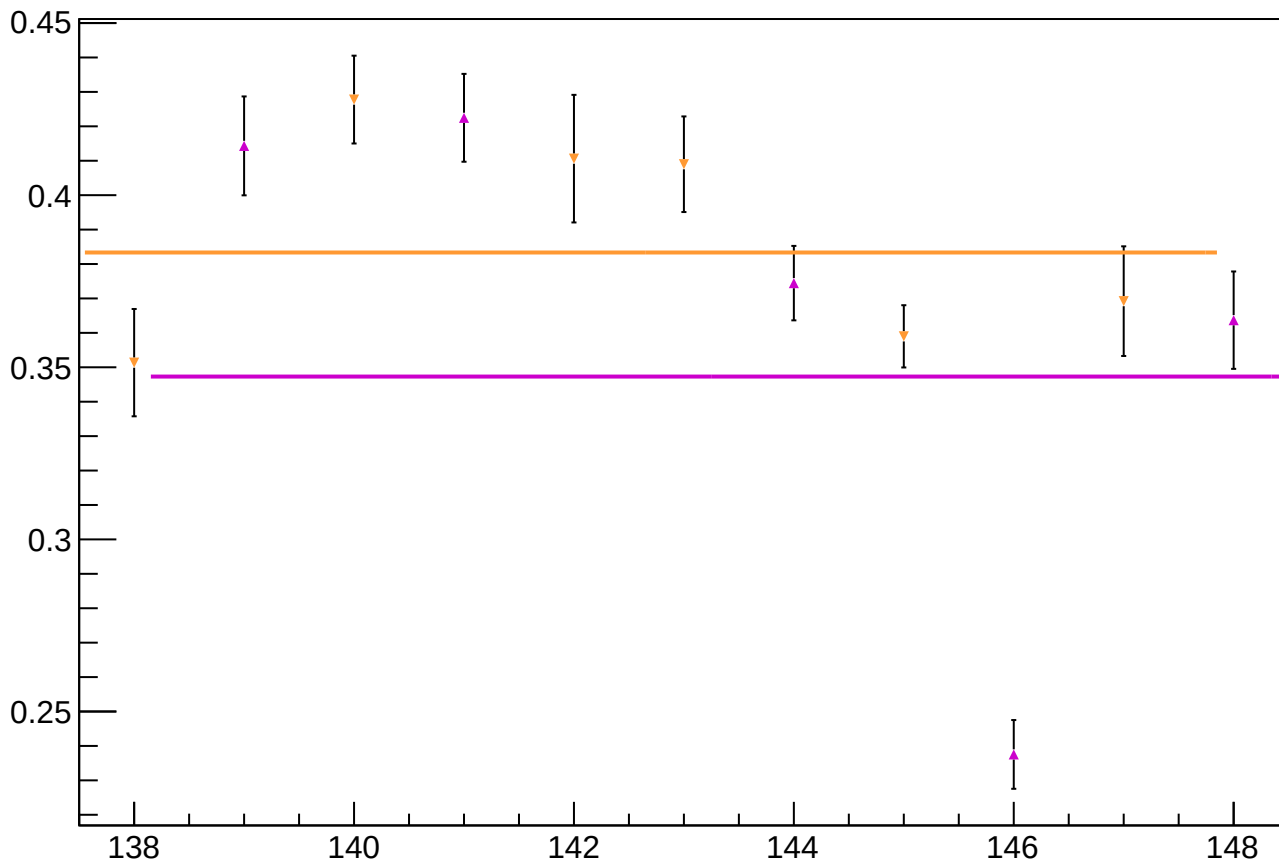
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 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: 9.457+/-0.075 χ^2/NDF : 4071.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.786+/-0.103 χ^2/NDF :1346.9/4
 Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 All: 9.457+/-0.075 χ^2/NDF : 4071.0/10

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.383 $\pm$ 0.005 χ^2 /NDF:30.0/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.347 $\pm$ 0.005 χ^2 /NDF:184.9/4

Left: 0.365 $\pm$ 0.004 χ^2 /NDF: 237.3/10

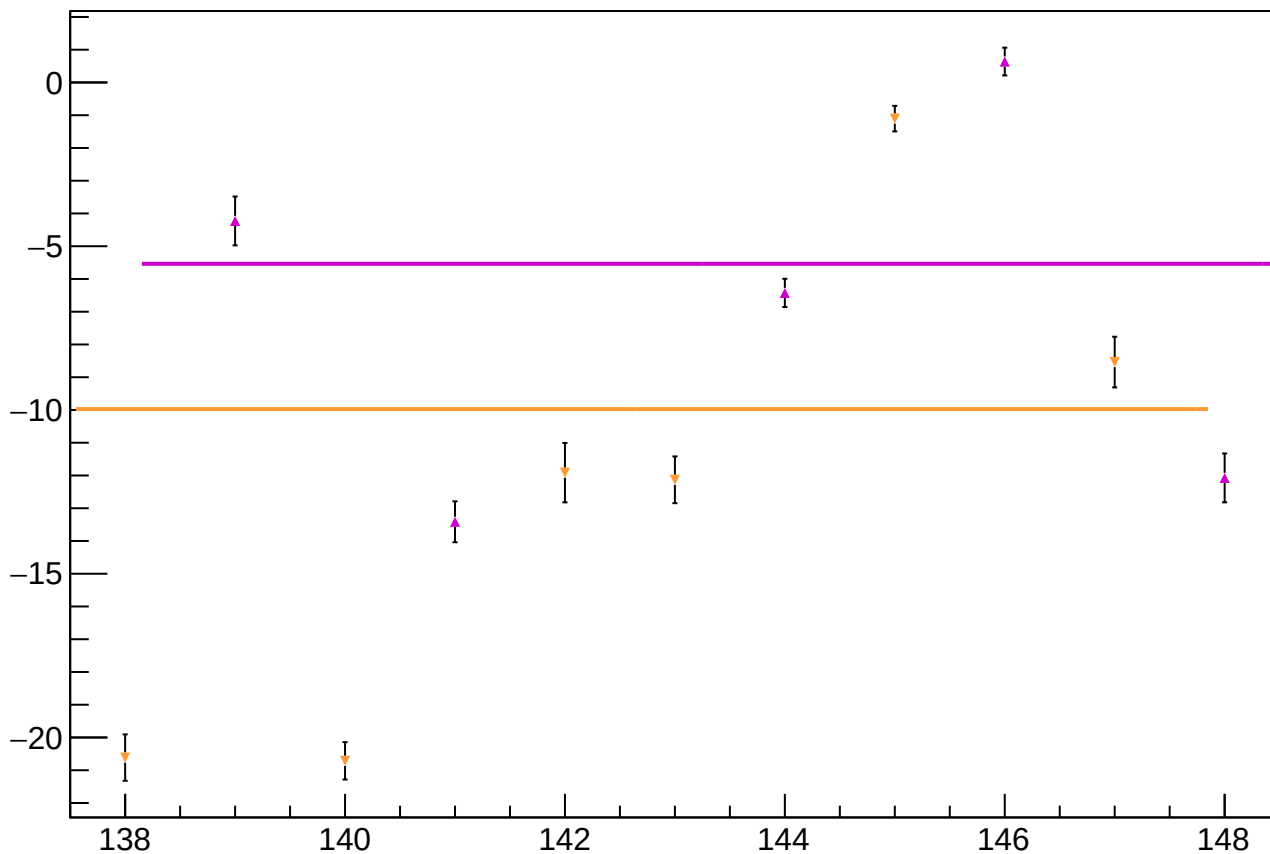
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.347 $\pm$ 0.005 χ^2 /NDF:184.9/4

Out: 0.383 $\pm$ 0.005 χ^2 /NDF:30.0/5

All: 0.365 $\pm$ 0.004 χ^2 /NDF: 237.3/10

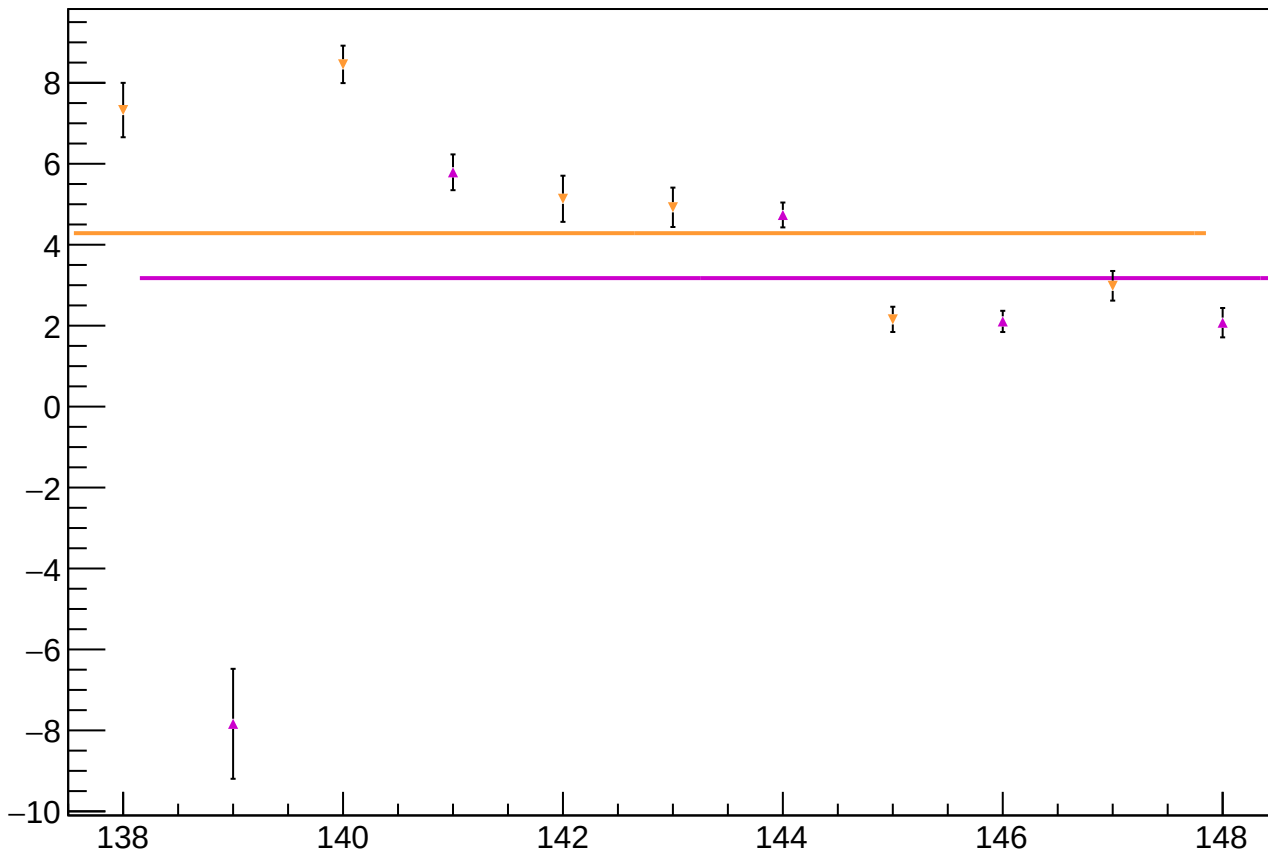
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.972+/-0.246 χ^2/NDF :1112.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.537+/-0.242 χ^2/NDF :454.7/4

Left: -7.715+/-0.173 χ^2/NDF : 1732.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.537+/-0.242 χ^2/NDF :454.7/4
 Out: -9.972+/-0.246 χ^2/NDF :1112.8/5
 All: -7.715+/-0.173 χ^2/NDF : 1732.6/10

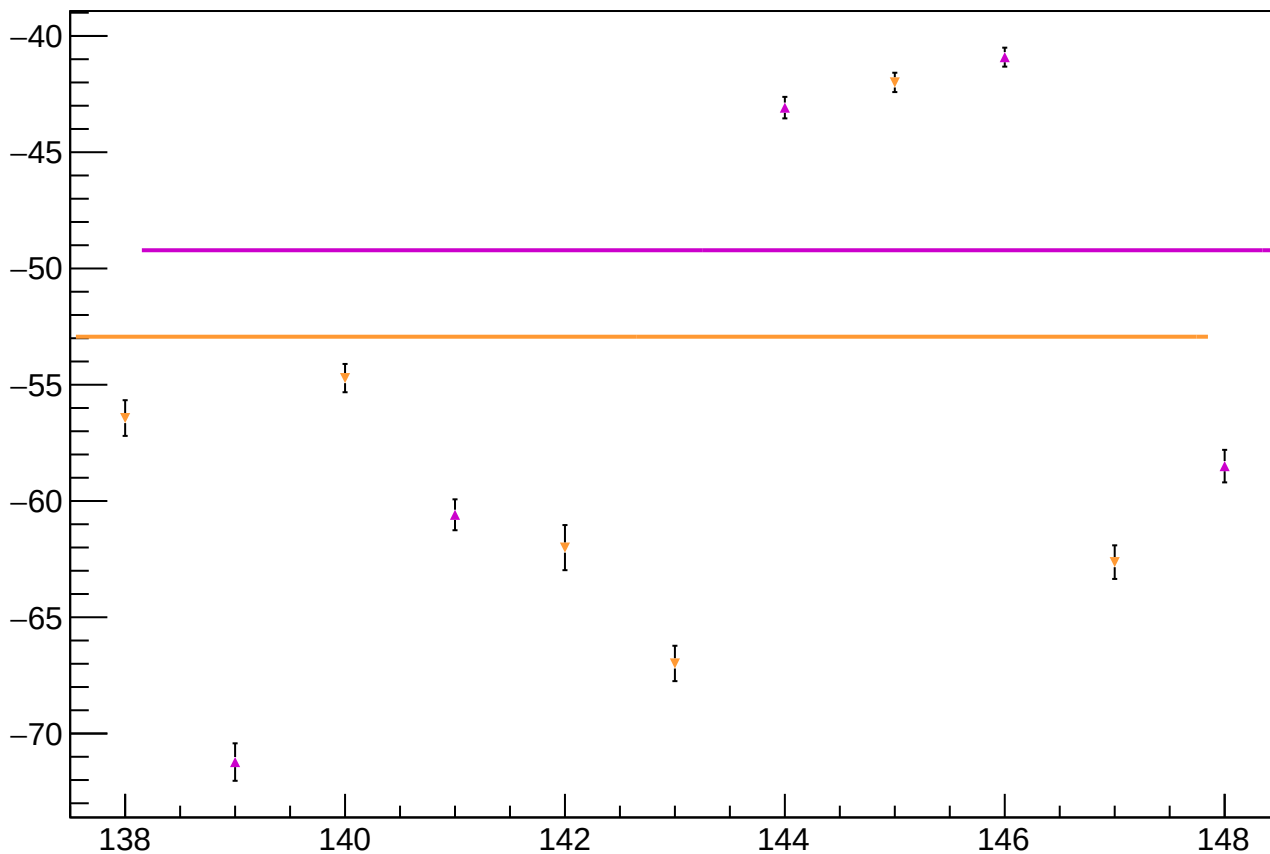
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.175+/-0.161 χ^2/NDF :152.4/4

Left: 3.679+/-0.119 χ^2/NDF : 338.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.175+/-0.161 χ^2/NDF :152.4/4
 Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 All: 3.679+/-0.119 χ^2/NDF : 338.9/10

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.934+/-0.259 χ^2/NDF :1329.5/5

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: -50.977+/-0.178 χ^2/NDF : 3243.4/10

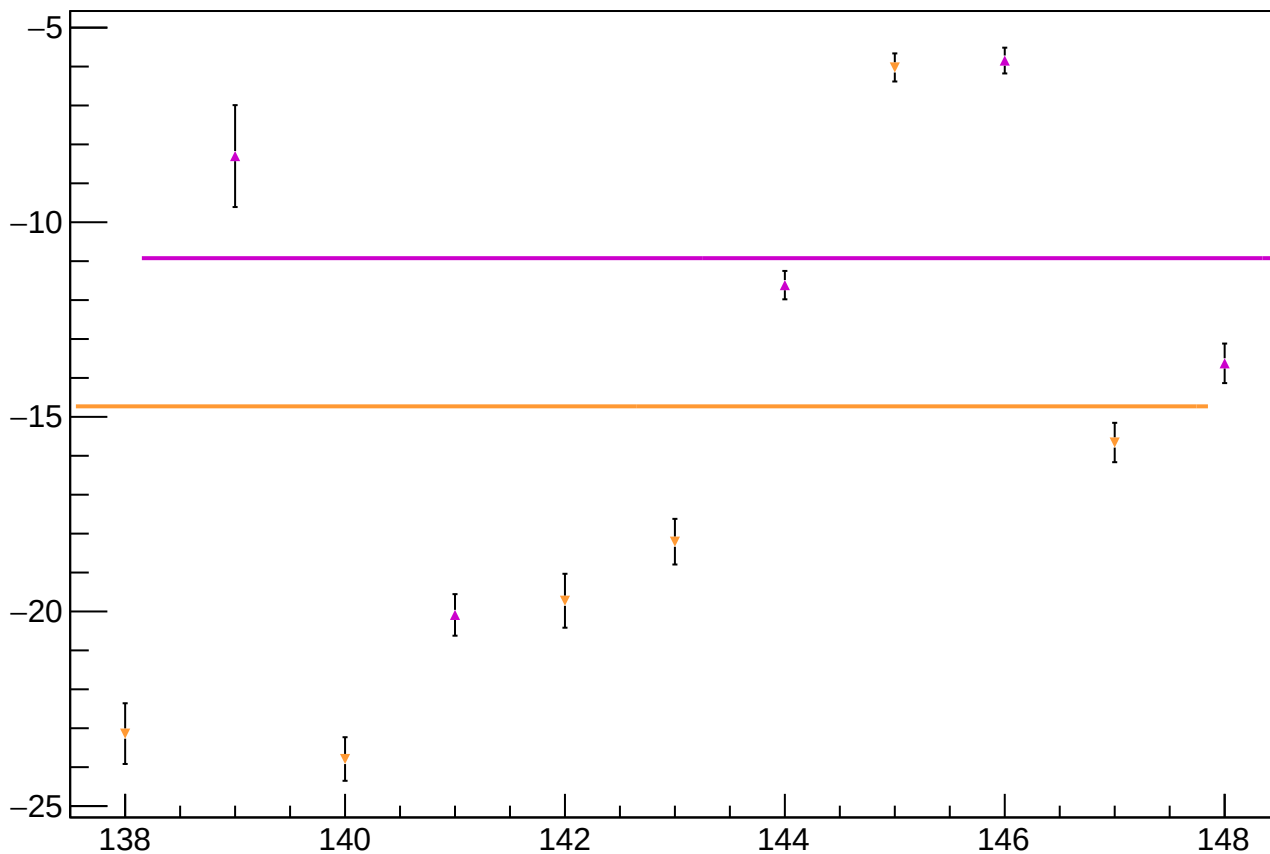
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.216+/-0.246 χ^2/NDF :1805.6/4

Out: -52.934+/-0.259 χ^2/NDF :1329.5/5

All: -50.977+/-0.178 χ^2/NDF : 3243.4/10

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



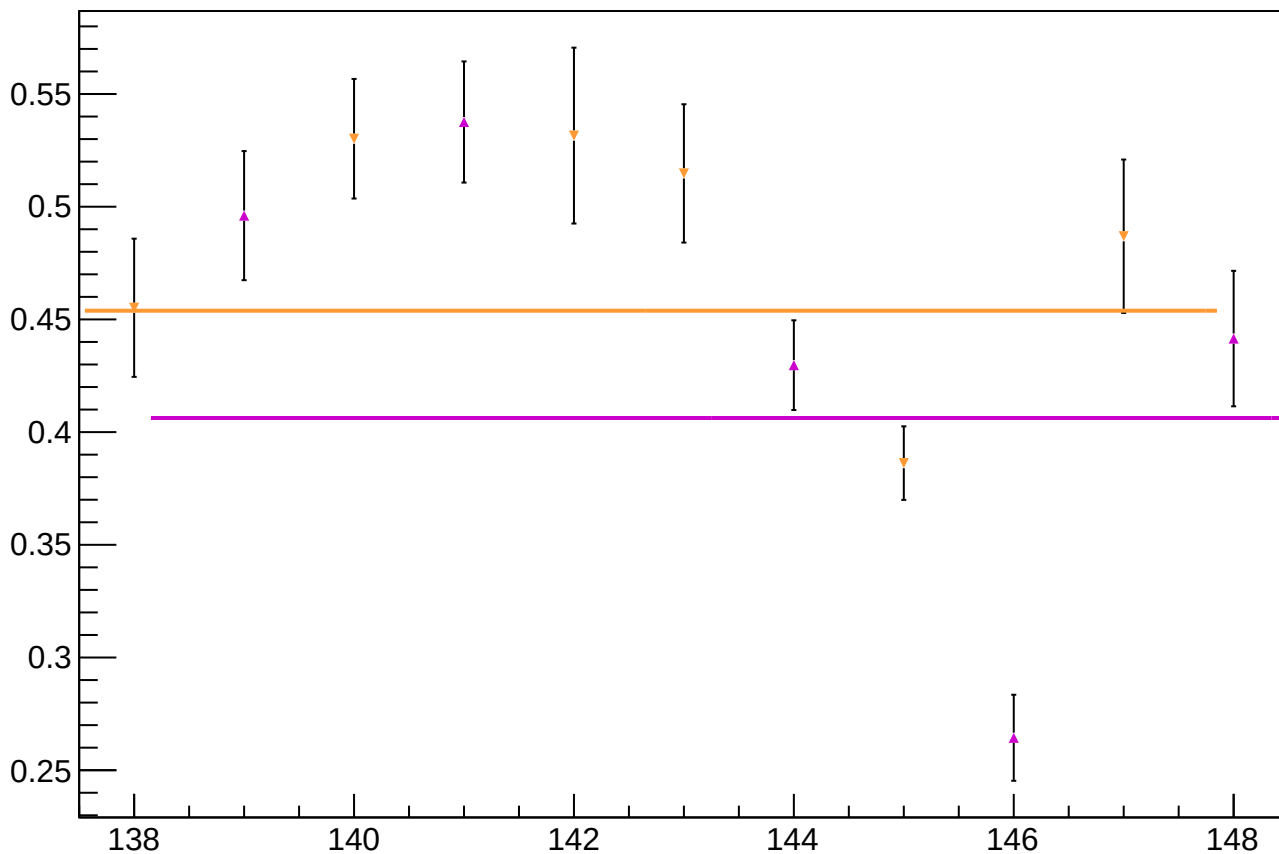
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.730+/-0.216 χ^2/NDF :1050.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.923+/-0.202 χ^2/NDF :565.6/4

Left: -12.695+/-0.147 χ^2/NDF : 1782.3/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.923+/-0.202 χ^2/NDF :565.6/4
 Out: -14.730+/-0.216 χ^2/NDF :1050.7/5

All: -12.695+/-0.147 χ^2/NDF : 1782.3/10

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.406 $\pm$ 0.011 χ^2 /NDF:91.7/4

Left: 0.430 $\pm$ 0.007 χ^2 /NDF: 136.1/10

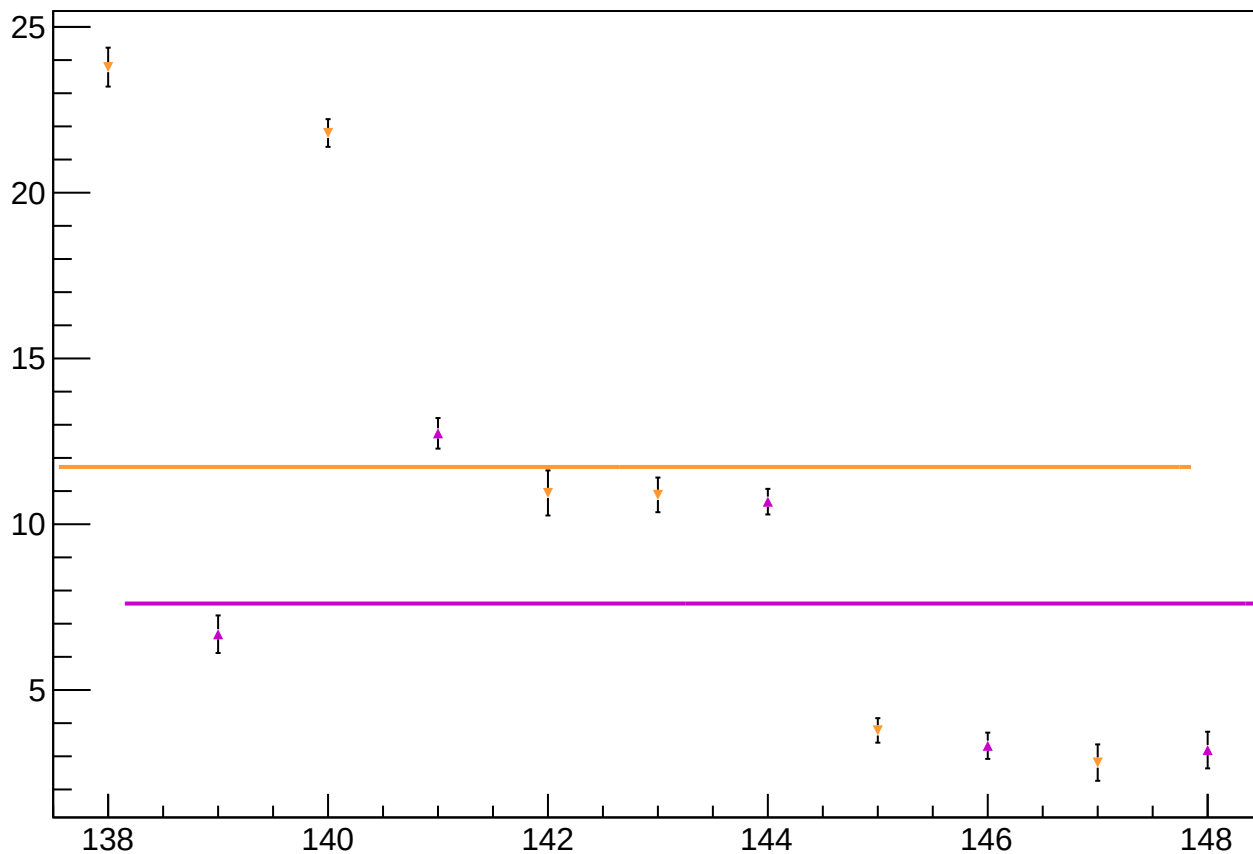
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.406 $\pm$ 0.011 χ^2 /NDF:91.7/4

Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.3/5

All: 0.430 $\pm$ 0.007 χ^2 /NDF: 136.1/10

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.728+/-0.200 χ^2/NDF :1732.9/5

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: 9.706+/-0.142 χ^2/NDF : 2313.4/10

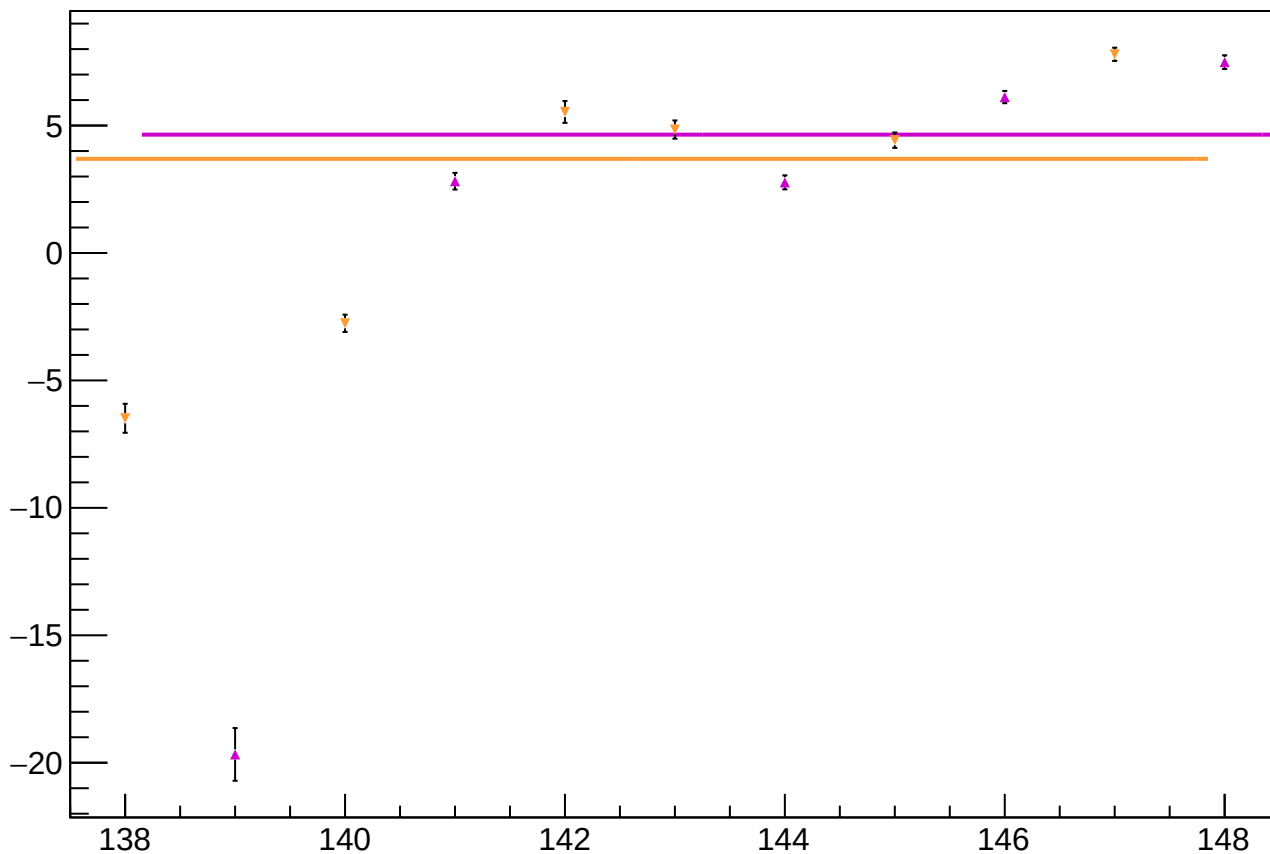
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.608+/-0.203 χ^2/NDF :371.4/4

Out: 11.728+/-0.200 χ^2/NDF :1732.9/5

All: 9.706+/-0.142 χ^2/NDF : 2313.4/10

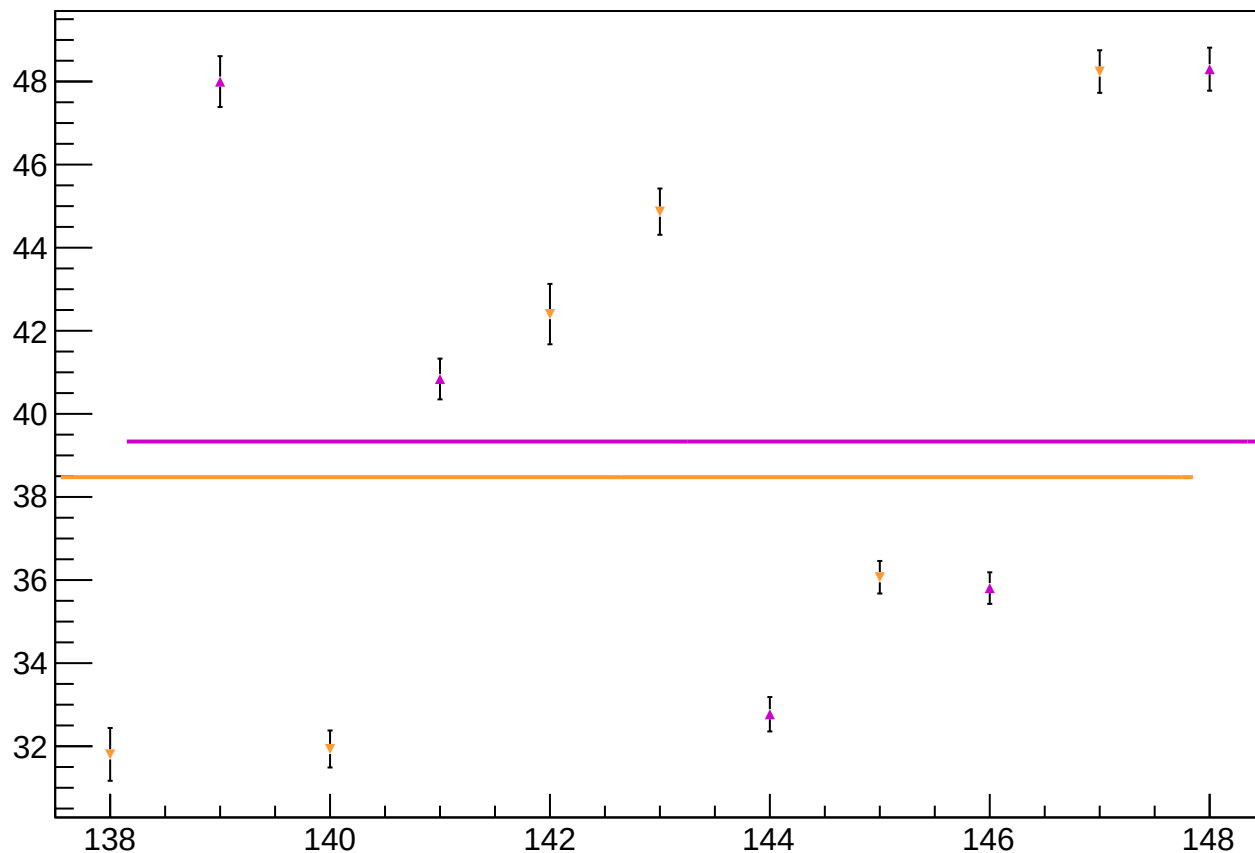
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 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: 4.185+/-0.097 χ^2/NDF : 1764.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.643+/-0.136 χ^2/NDF :778.0/4
 Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 All: 4.185+/-0.097 χ^2/NDF : 1764.6/10

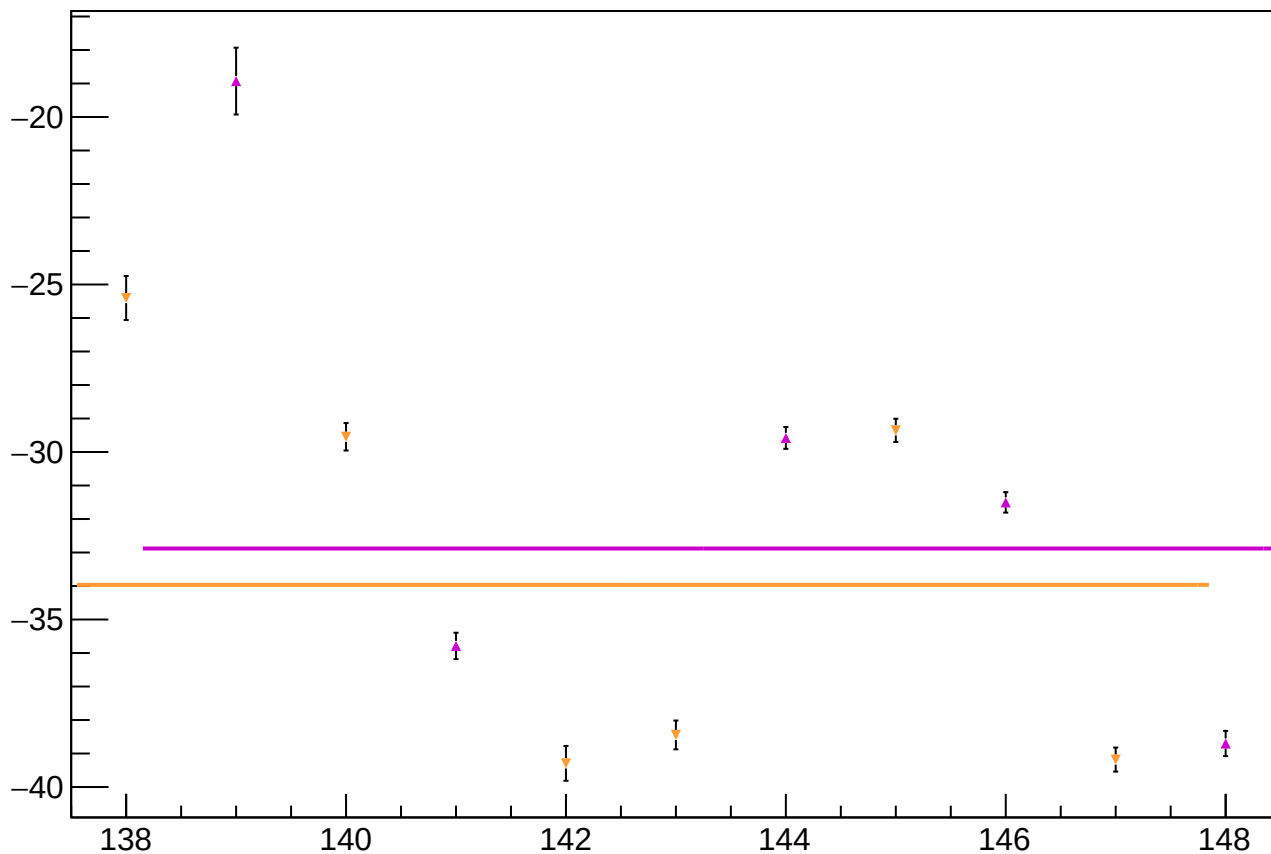
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 38.477+/-0.209 χ^2/NDF : 887.1/5
 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: 38.909+/-0.147 χ^2/NDF : 1742.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.334+/-0.207 χ^2/NDF : 847.3/4
 Out: 38.477+/-0.209 χ^2/NDF : 887.1/5
 All: 38.909+/-0.147 χ^2/NDF : 1742.9/10

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

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: -33.413+/-0.121 χ^2/NDF : 1519.4/10

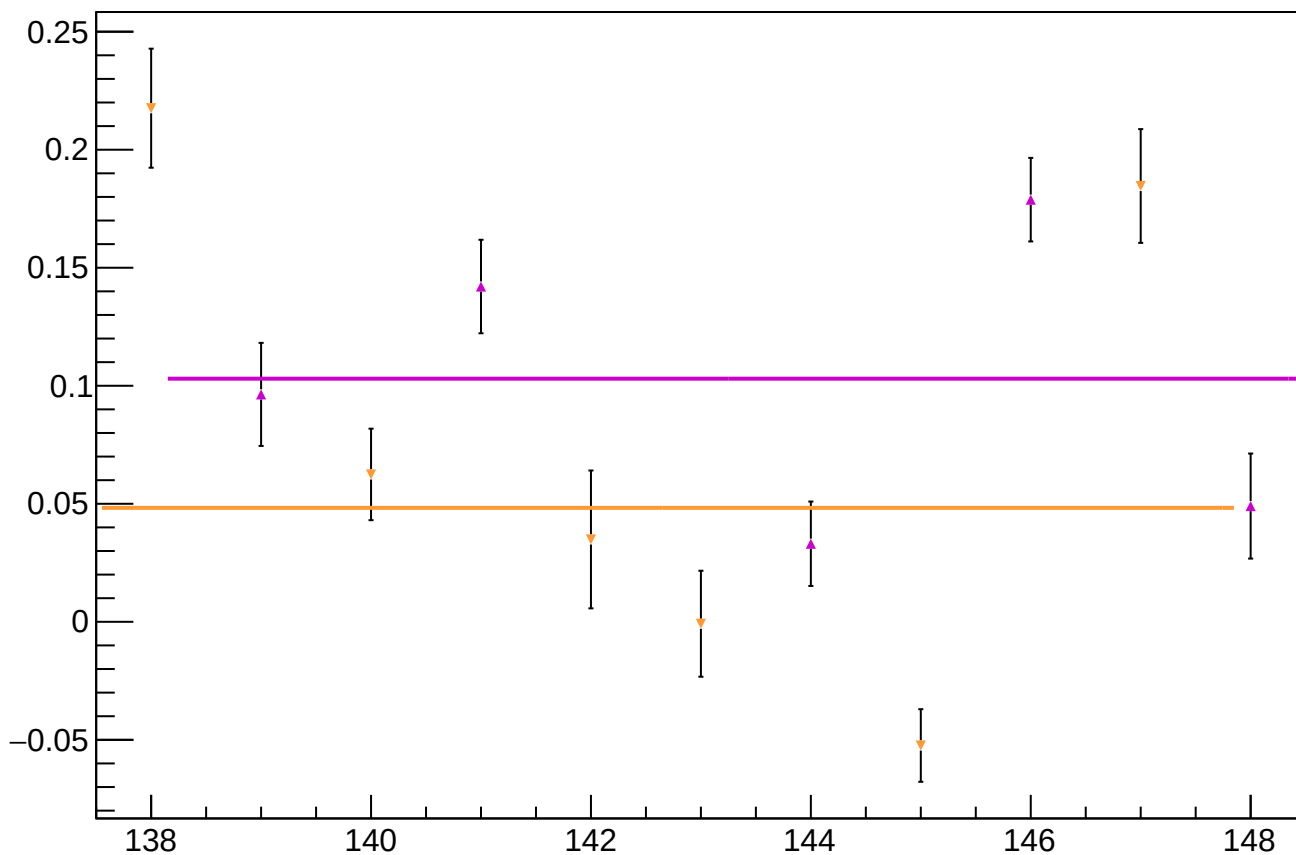
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

All: -33.413+/-0.121 χ^2/NDF : 1519.4/10

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: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5

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: 0.075 $\pm$ 0.006 χ^2 /NDF: 188.7/10

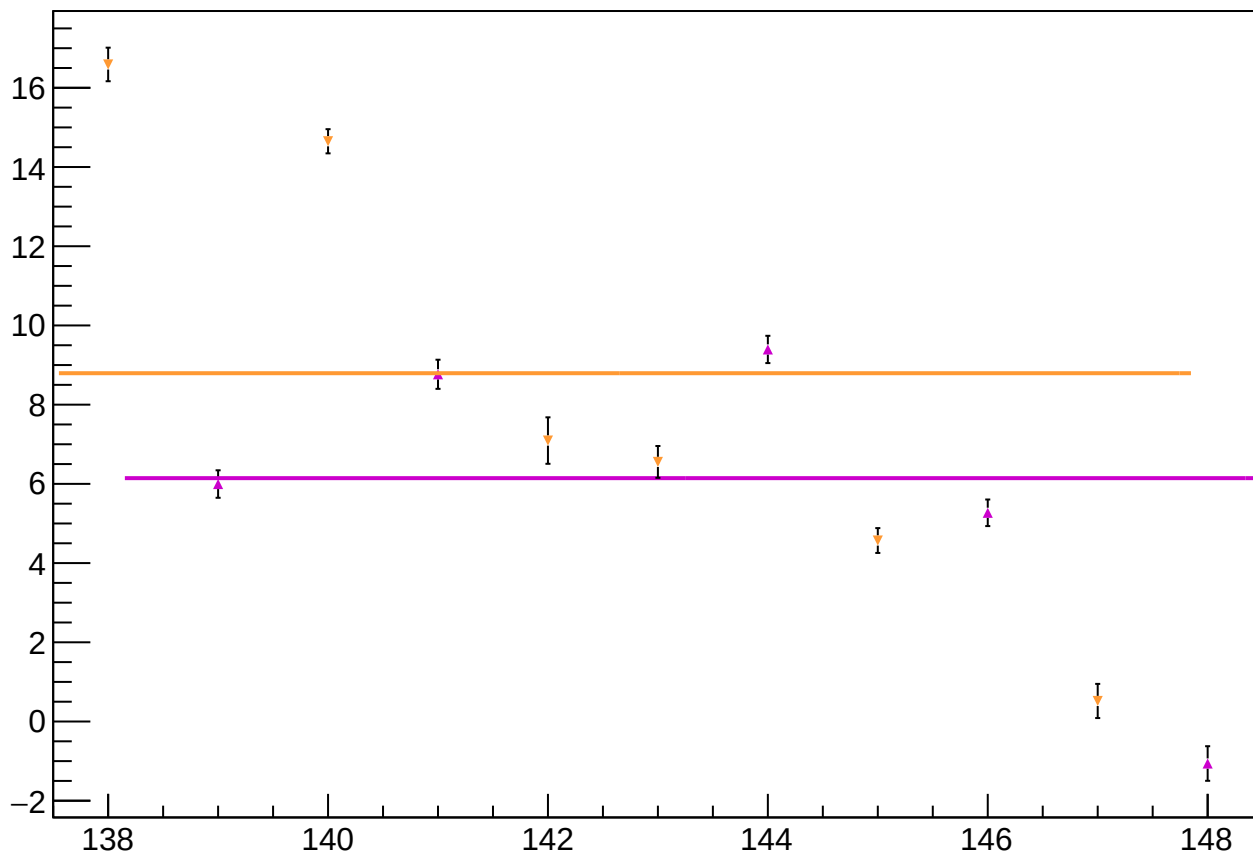
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4

Out: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5

All: 0.075 $\pm$ 0.006 χ^2 /NDF: 188.7/10

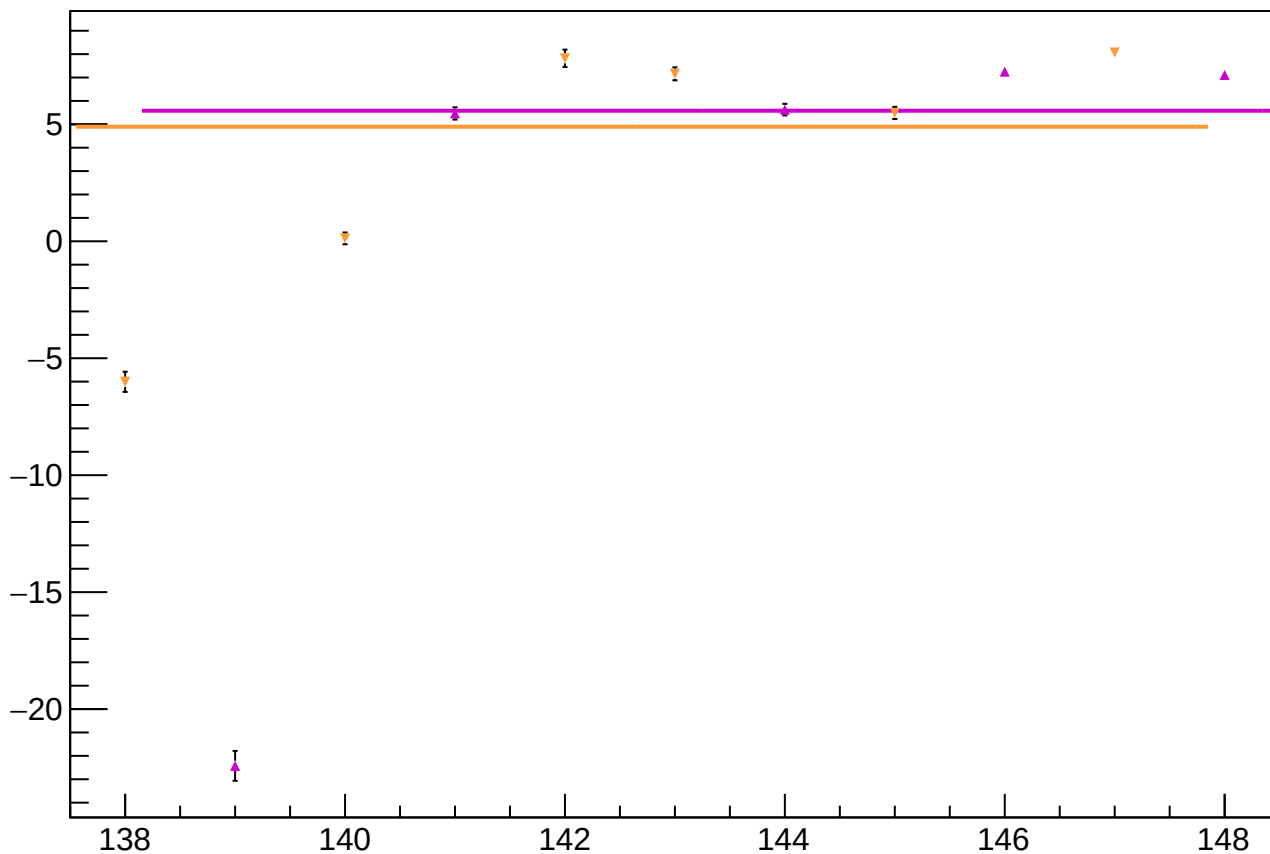
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.794+/-0.156 χ^2/NDF :1295.8/5
 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: 7.514+/-0.112 χ^2/NDF : 1853.7/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.145+/-0.162 χ^2/NDF :419.1/4
 Out: 8.794+/-0.156 χ^2/NDF :1295.8/5
 All: 7.514+/-0.112 χ^2/NDF : 1853.7/10

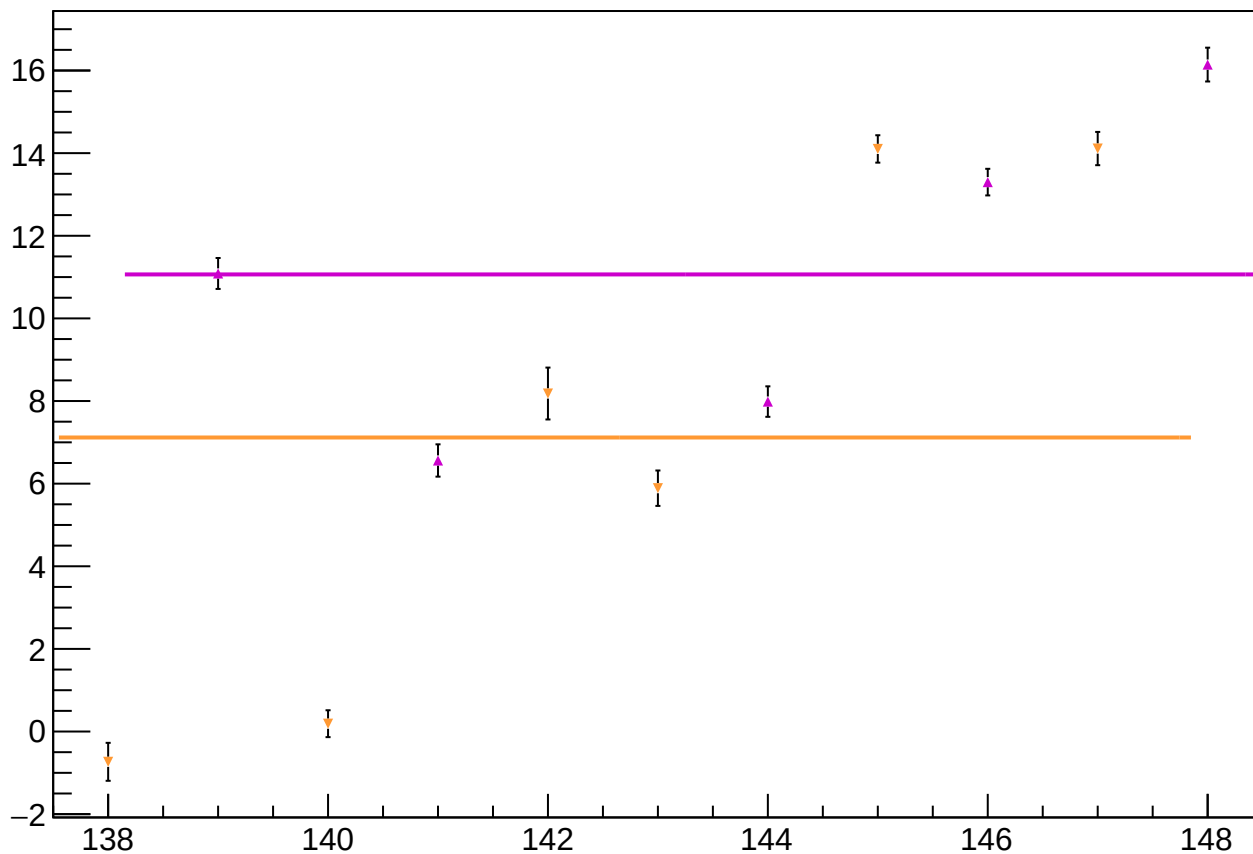
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.899 $\pm$ 0.112 χ^2 /NDF:1363.9/5
 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: 5.234 $\pm$ 0.080 χ^2 /NDF: 3415.3/10
 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: 4.899 $\pm$ 0.112 χ^2 /NDF:1363.9/5
 All: 5.234 $\pm$ 0.080 χ^2 /NDF: 3415.3/10

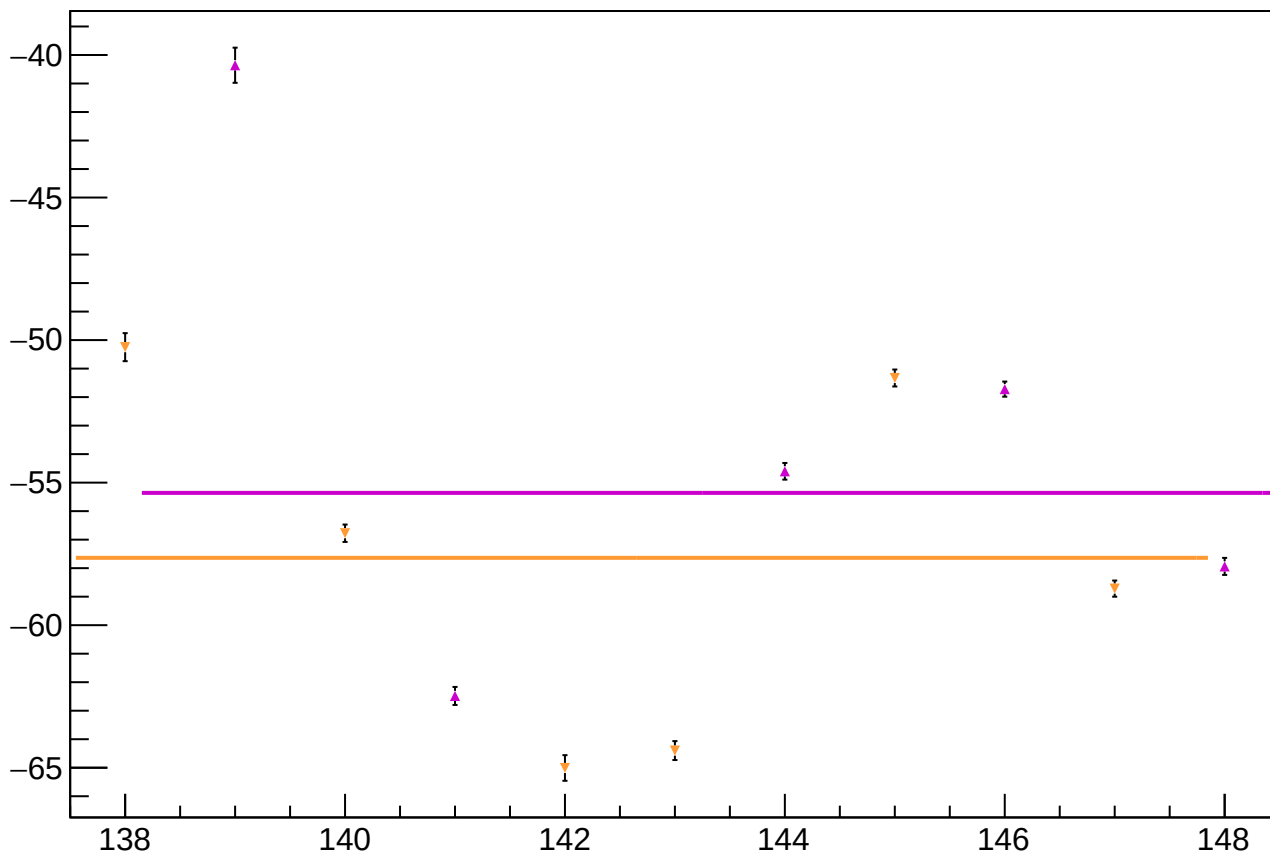
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 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: 9.069+/-0.116 χ^2/NDF : 2194.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.064+/-0.165 χ^2/NDF :404.3/4
 Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 All: 9.069+/-0.116 χ^2/NDF : 2194.6/10

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



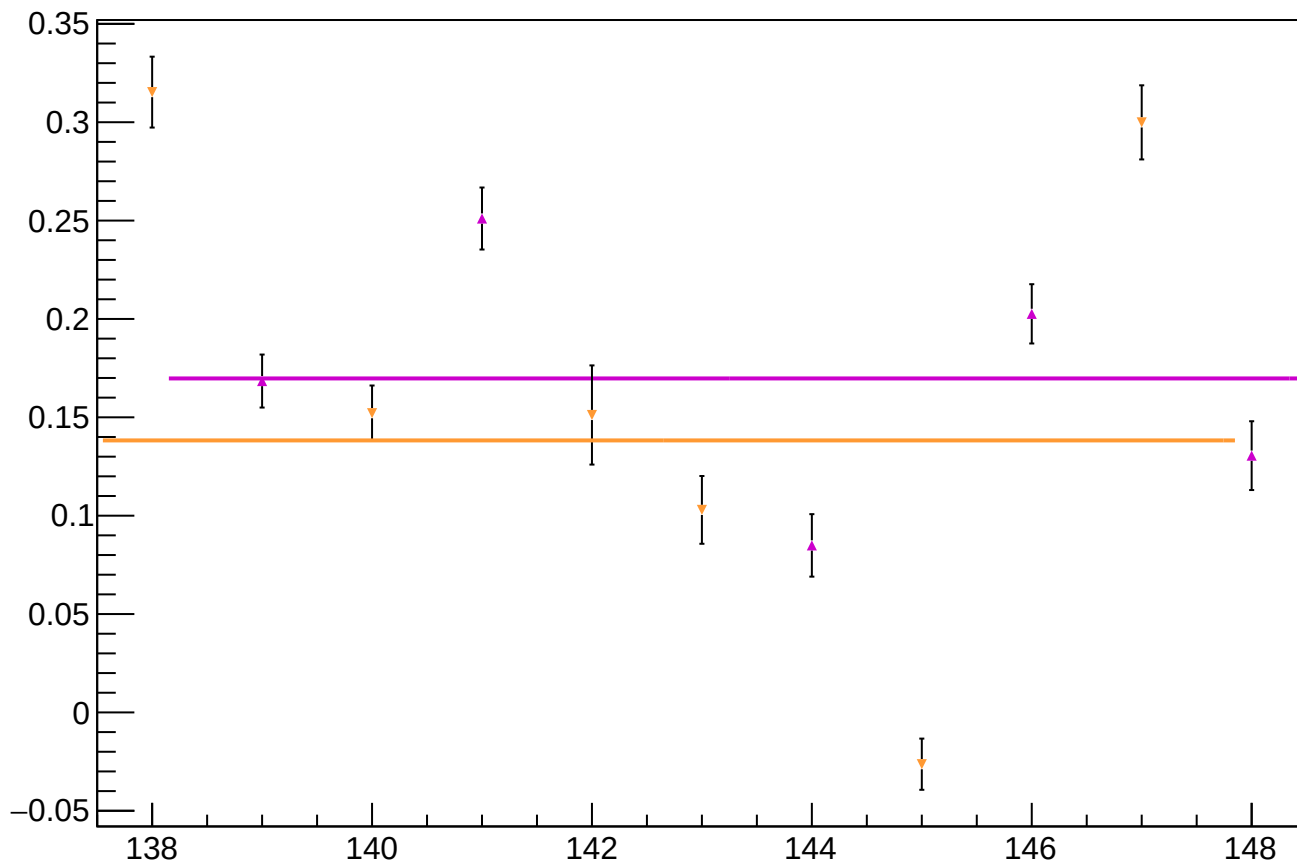
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.637+/-0.138 χ^2/NDF :1382.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.360+/-0.142 χ^2/NDF :1370.5/4

Left: -56.531+/-0.099 χ^2/NDF : 2886.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.360+/-0.142 χ^2/NDF :1370.5/4
 Out: -57.637+/-0.138 χ^2/NDF :1382.6/5

All: -56.531+/-0.099 χ^2/NDF : 2886.0/10

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: 0.138+/-0.007 χ^2/NDF :335.7/5

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: 0.154+/-0.005 χ^2/NDF : 411.3/10

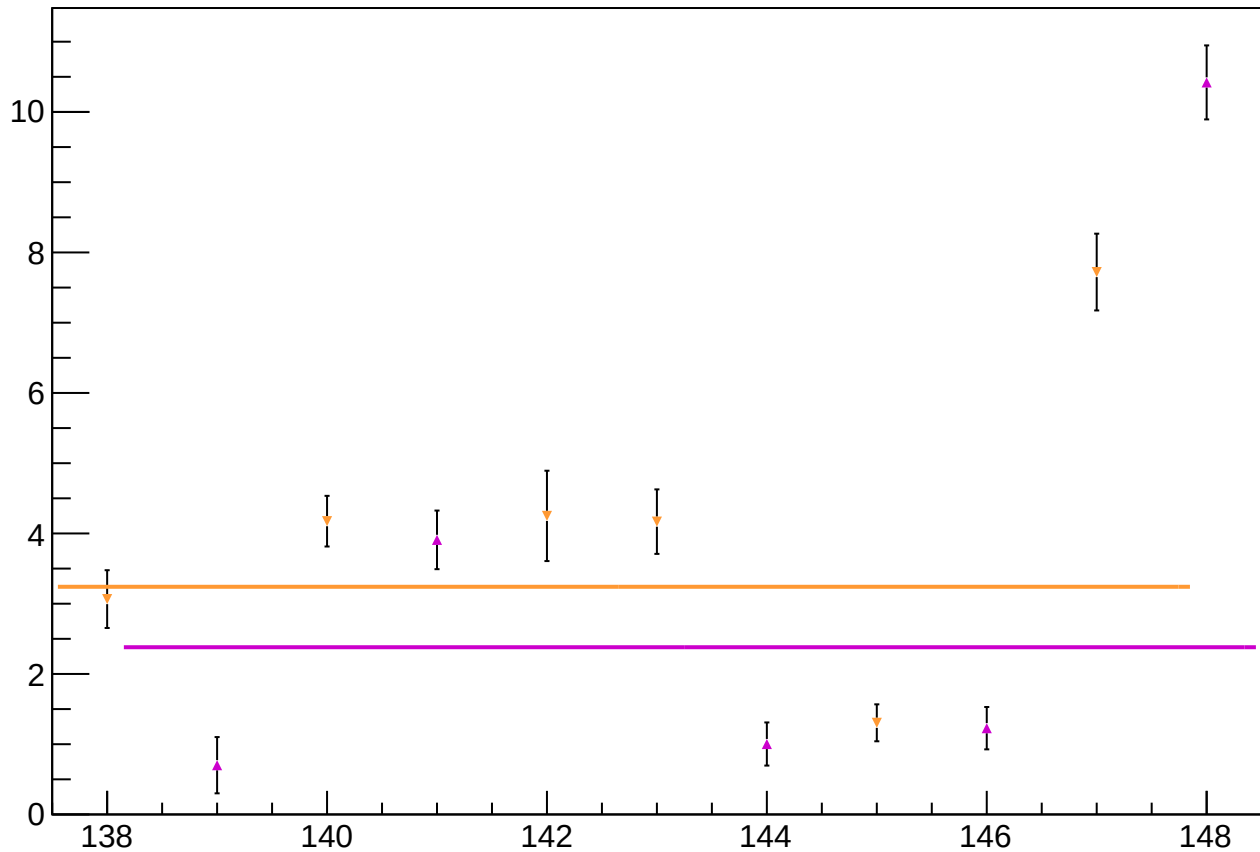
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.170+/-0.007 χ^2/NDF :64.9/4

Out: 0.138+/-0.007 χ^2/NDF :335.7/5

All: 0.154+/-0.005 χ^2/NDF : 411.3/10

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.241+/-0.161 χ^2/NDF :134.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.380+/-0.164 χ^2/NDF :298.8/4

Left: 2.818+/-0.115 χ^2/NDF : 447.7/10

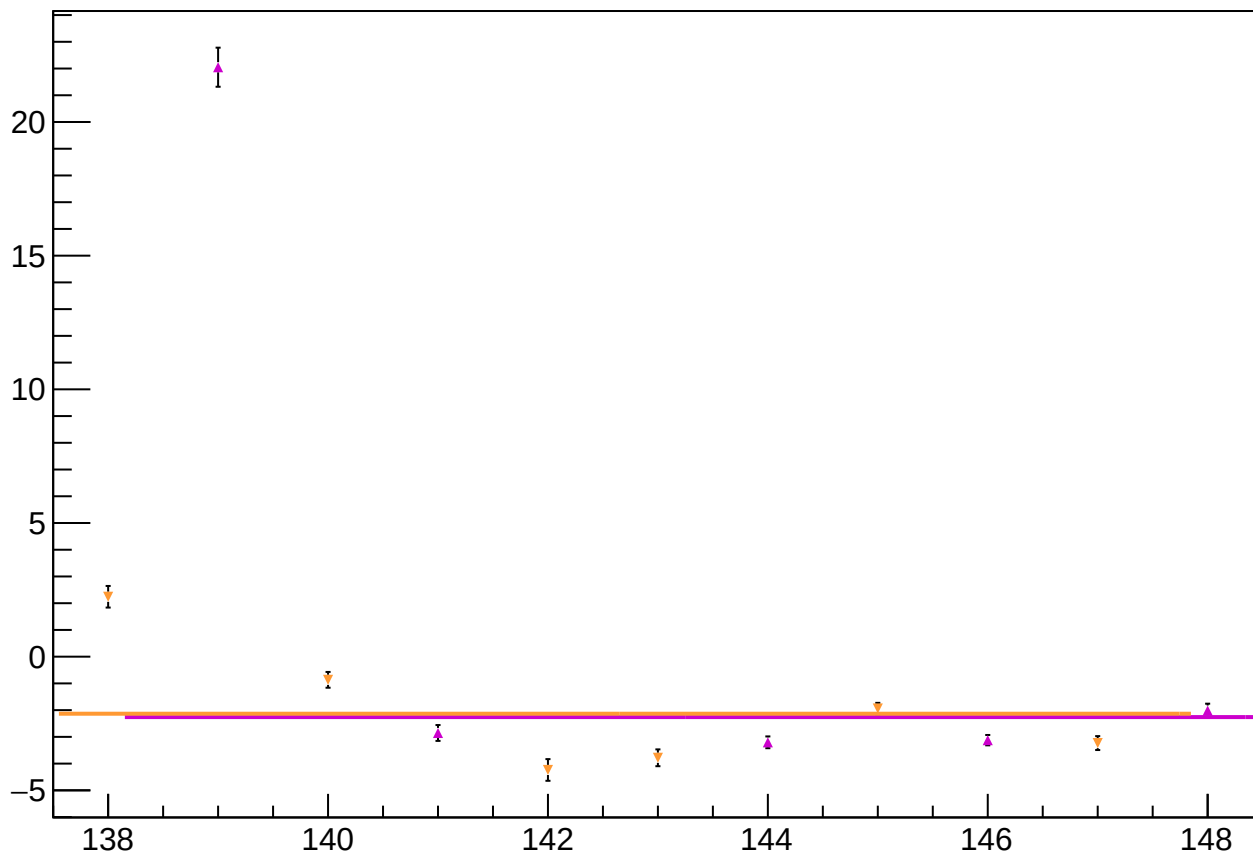
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.380+/-0.164 χ^2/NDF :298.8/4

Out: 3.241+/-0.161 χ^2/NDF :134.9/5

All: 2.818+/-0.115 χ^2/NDF : 447.7/10

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



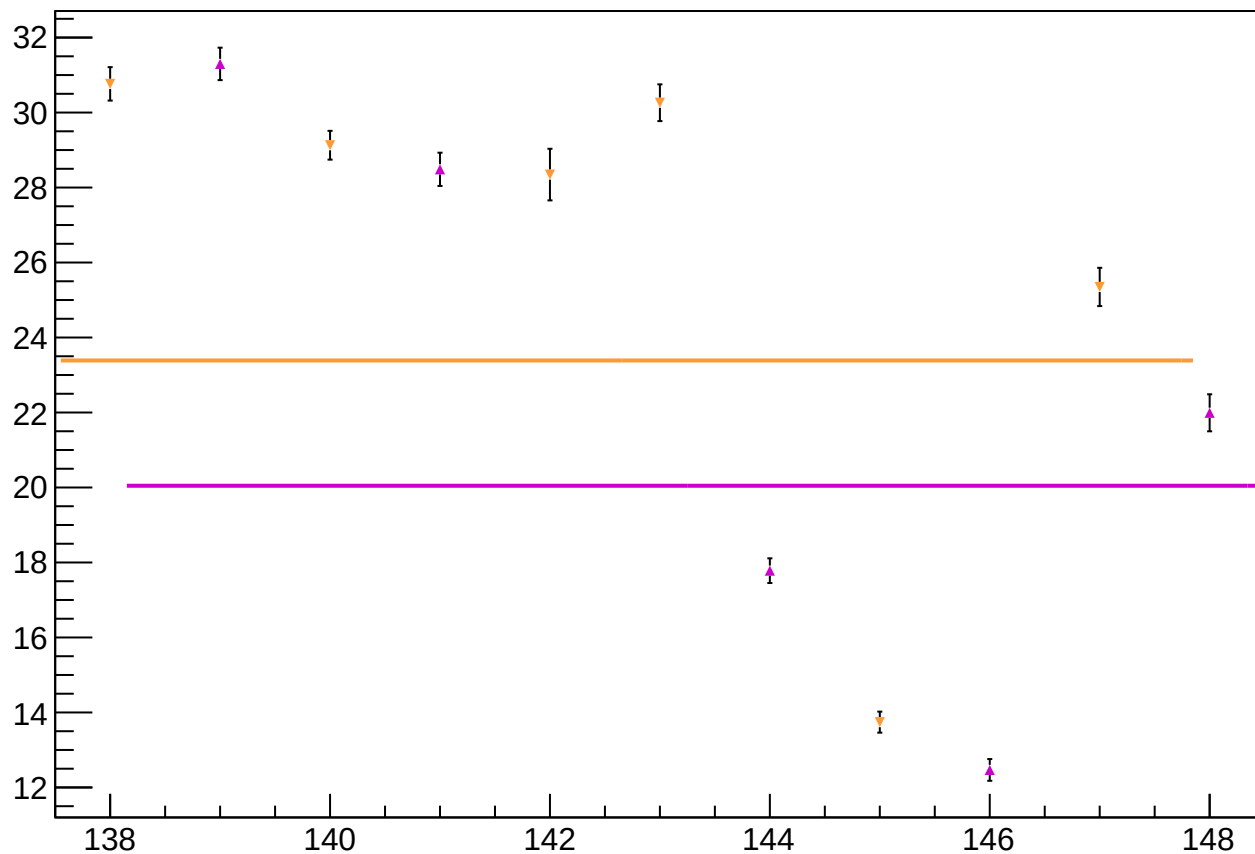
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.134+/-0.119 χ^2/NDF :208.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.260+/-0.115 χ^2/NDF :1148.8/4

Left: -2.199+/-0.083 χ^2/NDF : 1358.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.260+/-0.115 χ^2/NDF :1148.8/4
 Out: -2.134+/-0.119 χ^2/NDF :208.6/5

All: -2.199+/-0.083 χ^2/NDF : 1358.0/10

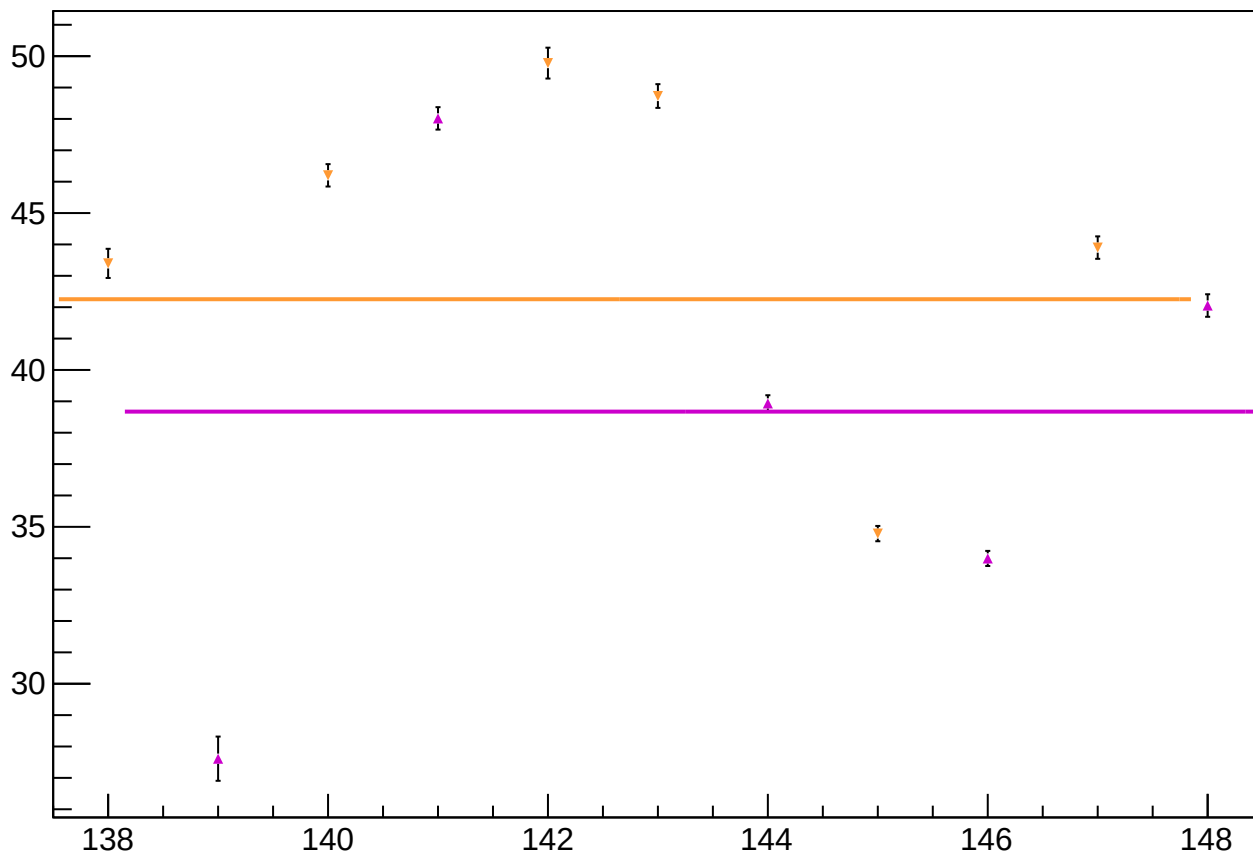
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 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: 21.694+/-0.119 χ^2/NDF : 3924.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.047+/-0.168 χ^2/NDF :1783.8/4
 Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 All: 21.694+/-0.119 χ^2/NDF : 3924.9/10

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: 42.254+/-0.144 χ^2/NDF :1614.0/5

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: 40.438+/-0.101 χ^2/NDF : 3325.1/10

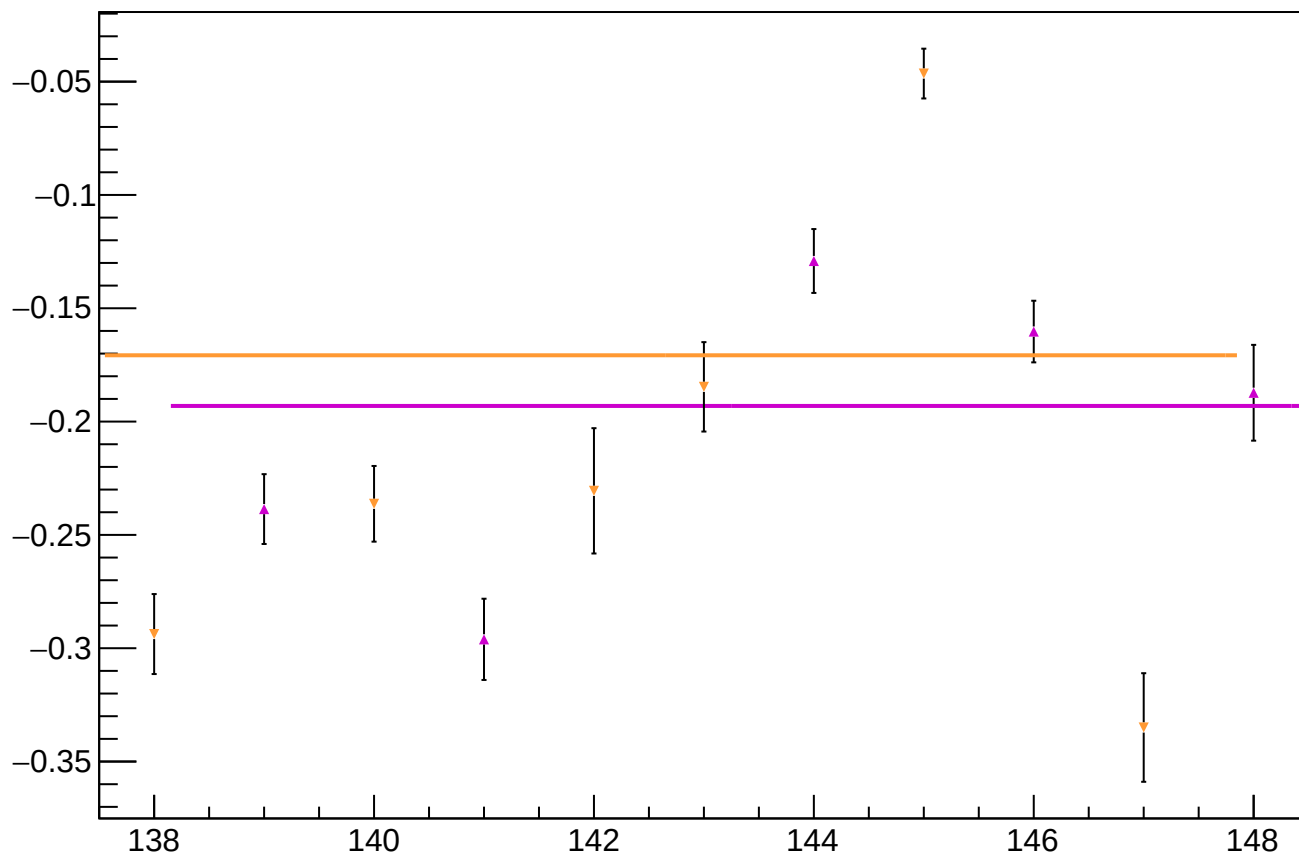
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Out: 42.254+/-0.144 χ^2/NDF :1614.0/5

All: 40.438+/-0.101 χ^2/NDF : 3325.1/10

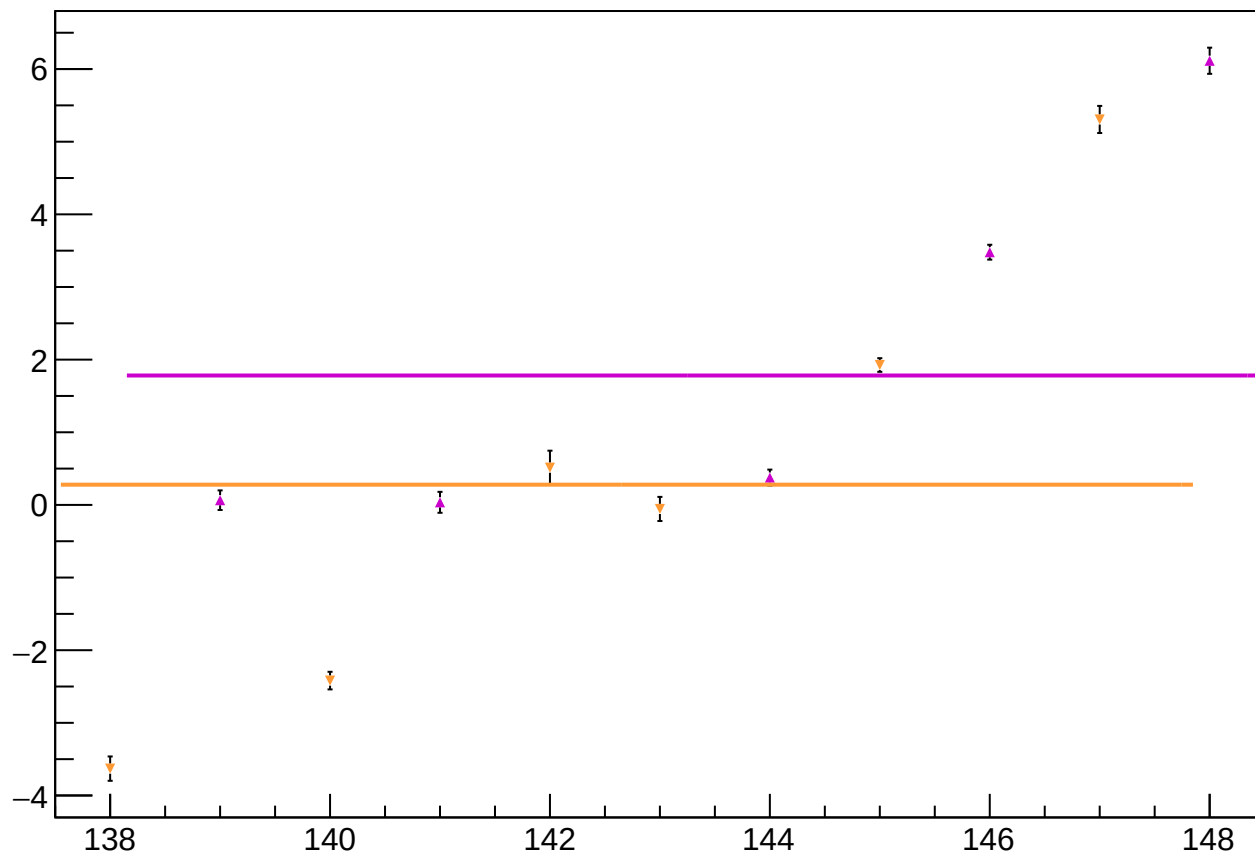
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.171 $\pm$ 0.007 χ^2 /NDF:244.2/5
 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: -0.182 $\pm$ 0.005 χ^2 /NDF: 317.6/10
 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: -0.171 $\pm$ 0.007 χ^2 /NDF:244.2/5
 All: -0.182 $\pm$ 0.005 χ^2 /NDF: 317.6/10

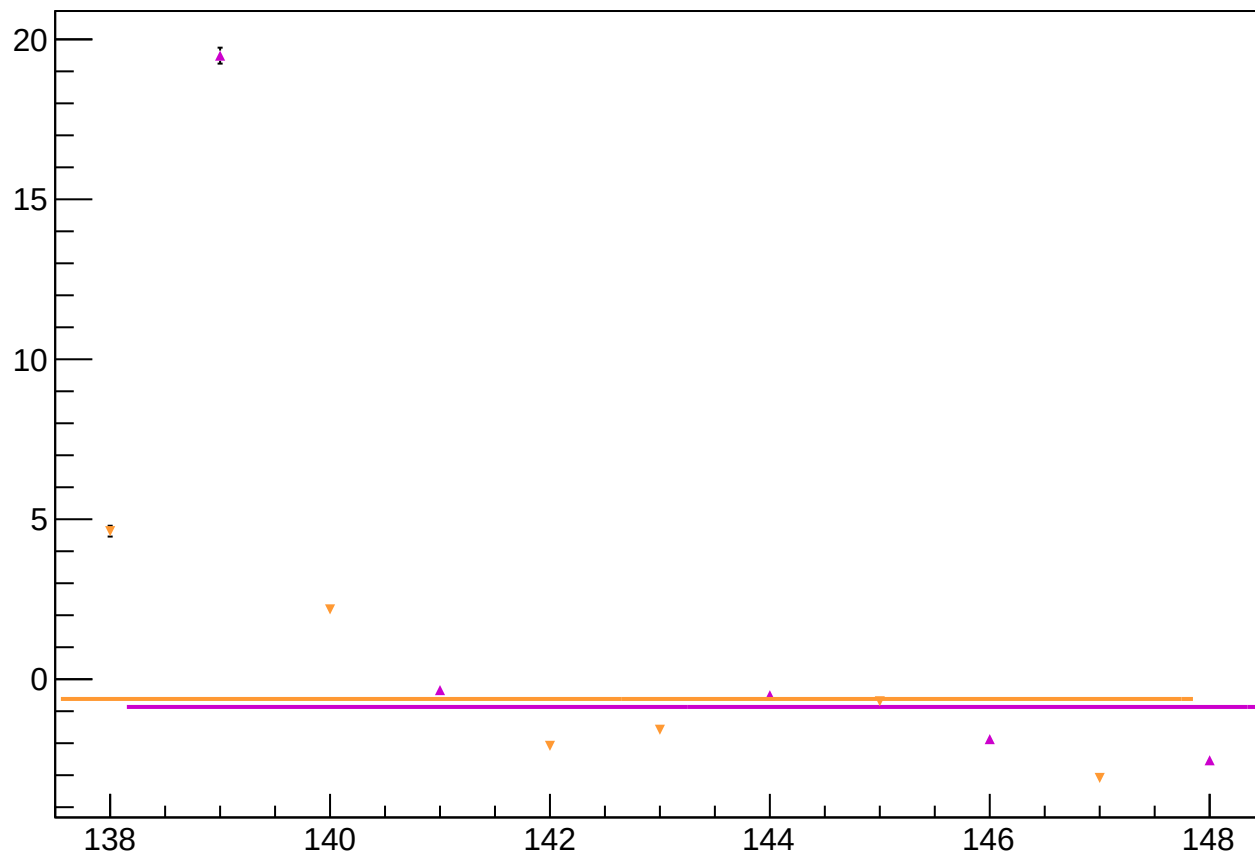
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.279 $\pm$ 0.058 χ^2 /NDF:2078.6/5
 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: 1.046 $\pm$ 0.040 χ^2 /NDF: 3753.4/10
 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: 0.279 $\pm$ 0.058 χ^2 /NDF:2078.6/5
 All: 1.046 $\pm$ 0.040 χ^2 /NDF: 3753.4/10

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: -0.617+/-0.043 χ^2/NDF : 2675.1/5

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: -0.749+/-0.029 χ^2/NDF : 9993.6/10

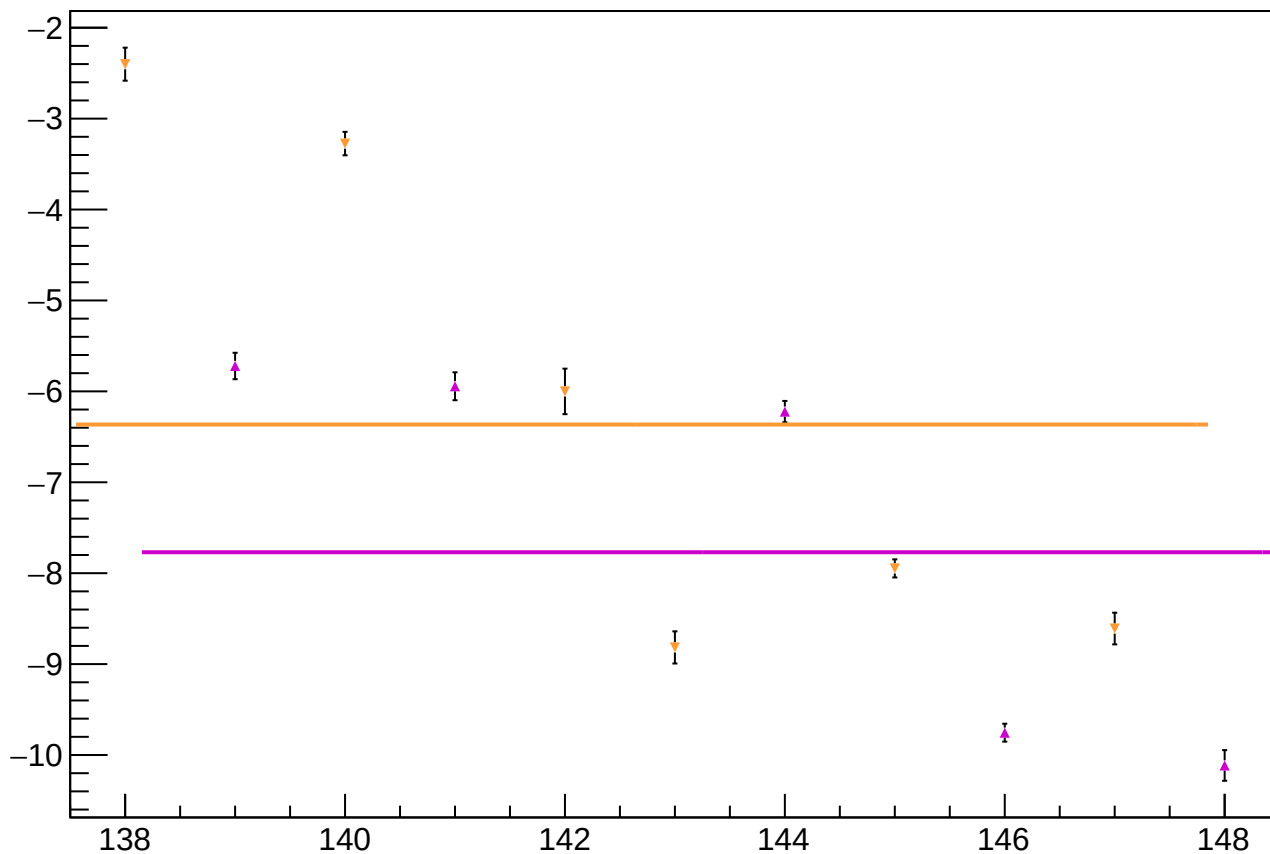
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.867+/-0.040 χ^2/NDF : 7300.2/4

Out: -0.617+/-0.043 χ^2/NDF : 2675.1/5

All: -0.749+/-0.029 χ^2/NDF : 9993.6/10

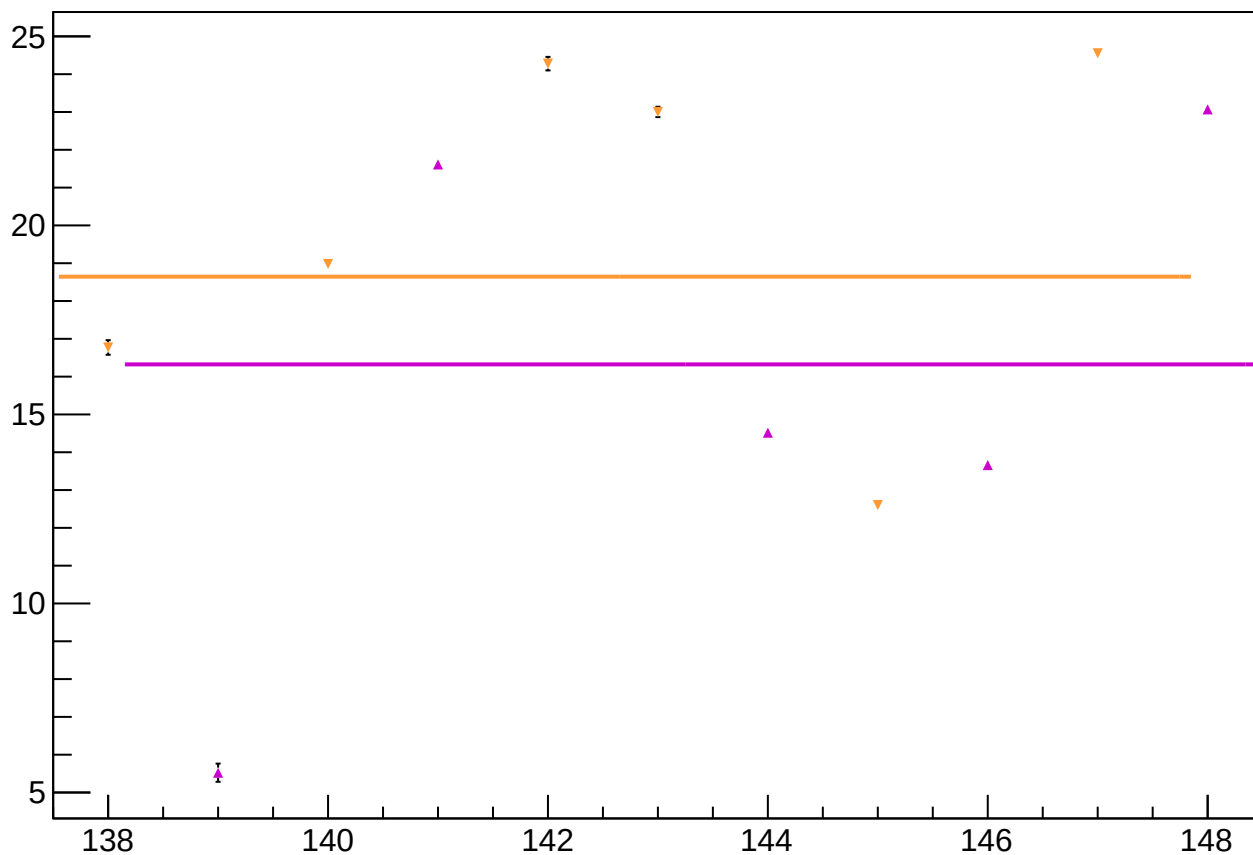
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.365+/-0.061 χ^2/NDF :1662.0/5
 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: -7.103+/-0.042 χ^2/NDF : 3057.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.058 χ^2/NDF :1113.8/4
 Out: -6.365+/-0.061 χ^2/NDF :1662.0/5
 All: -7.103+/-0.042 χ^2/NDF : 3057.5/10

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 18.644+/-0.052 χ^2/NDF : 9115.8/5

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: 17.429+/-0.036 χ^2/NDF : 18432.6/10

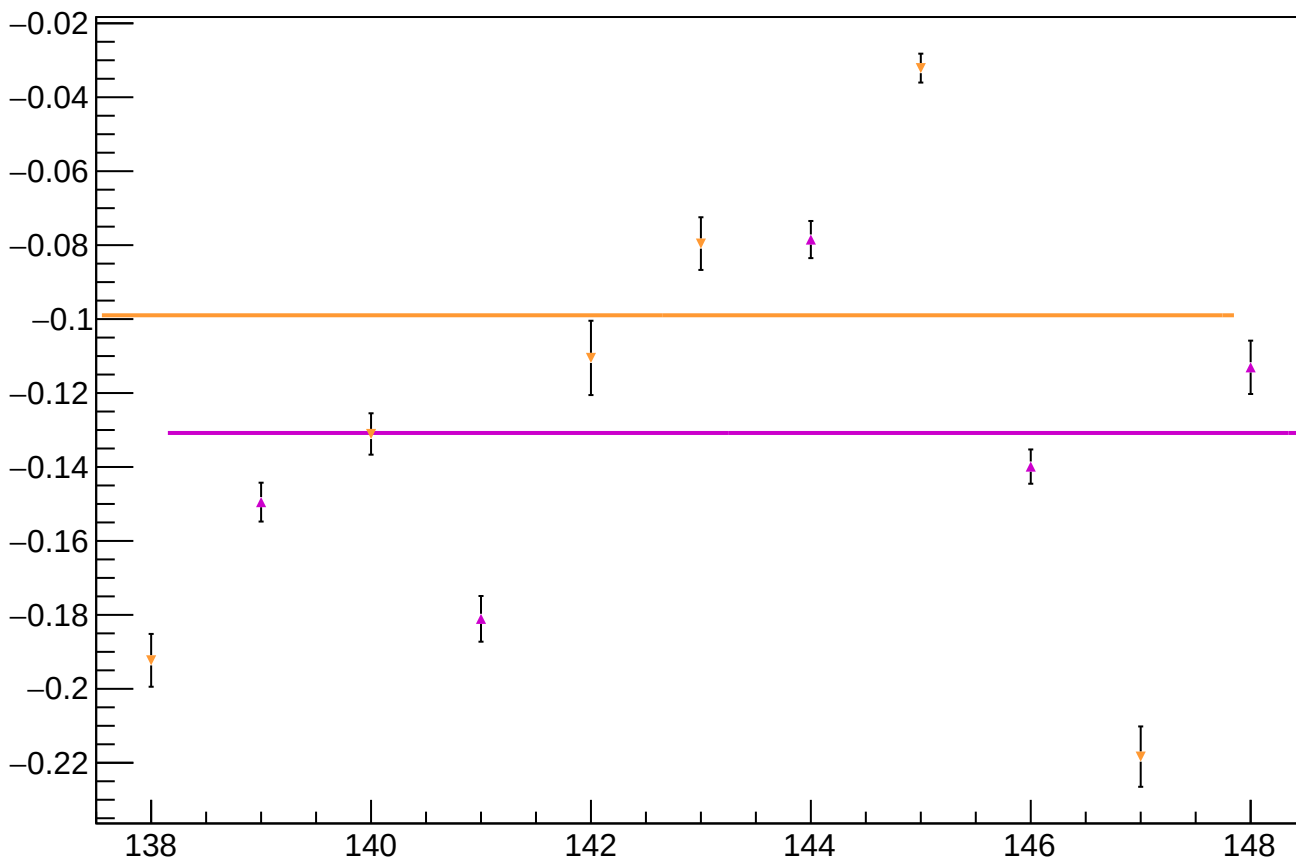
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.324+/-0.049 χ^2/NDF : 8261.1/4

Out: 18.644+/-0.052 χ^2/NDF : 9115.8/5

All: 17.429+/-0.036 χ^2/NDF : 18432.6/10

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.099 $\pm$ 0.002 χ^2 /NDF:718.8/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.131 $\pm$ 0.002 χ^2 /NDF:197.3/4

Left: -0.115 $\pm$ 0.002 χ^2 /NDF: 999.5/10

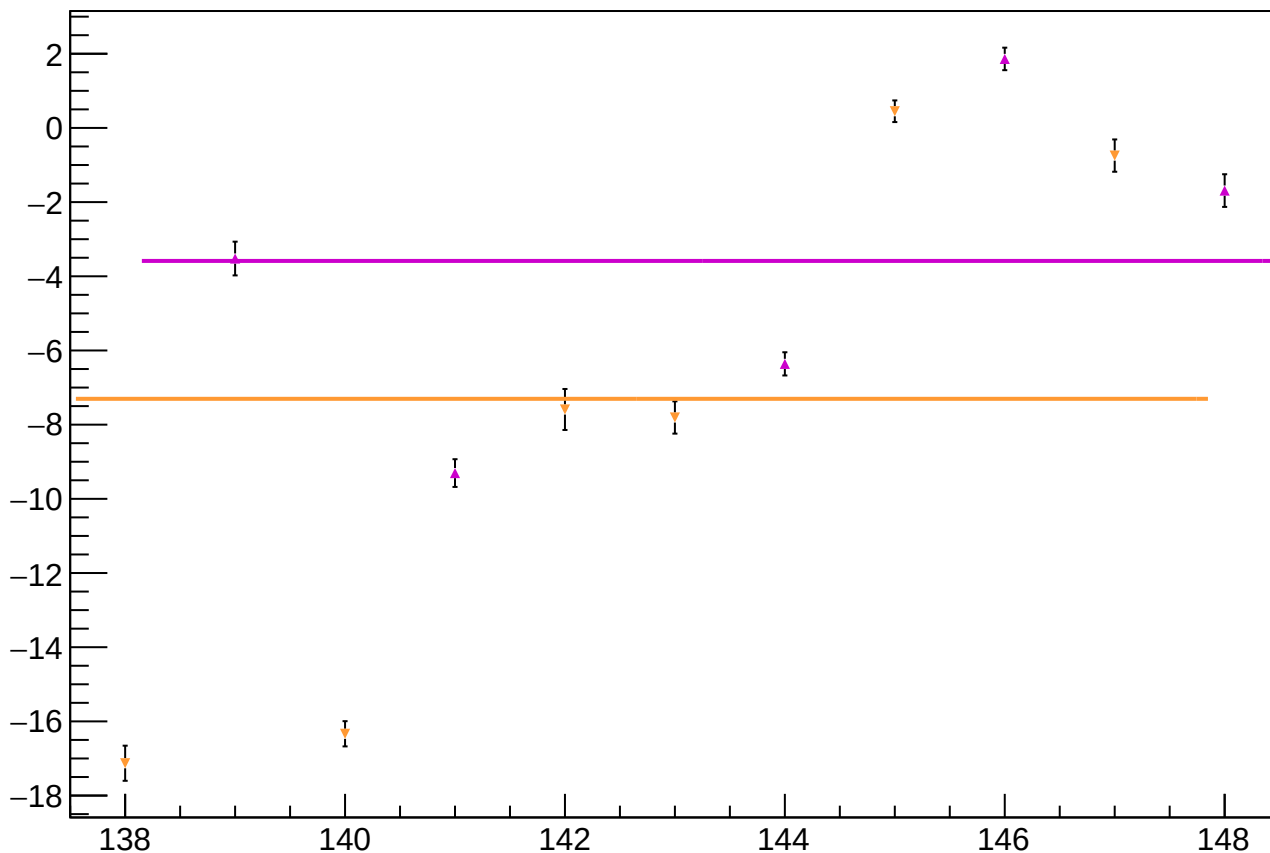
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.131 $\pm$ 0.002 χ^2 /NDF:197.3/4

Out: -0.099 $\pm$ 0.002 χ^2 /NDF:718.8/5

All: -0.115 $\pm$ 0.002 χ^2 /NDF: 999.5/10

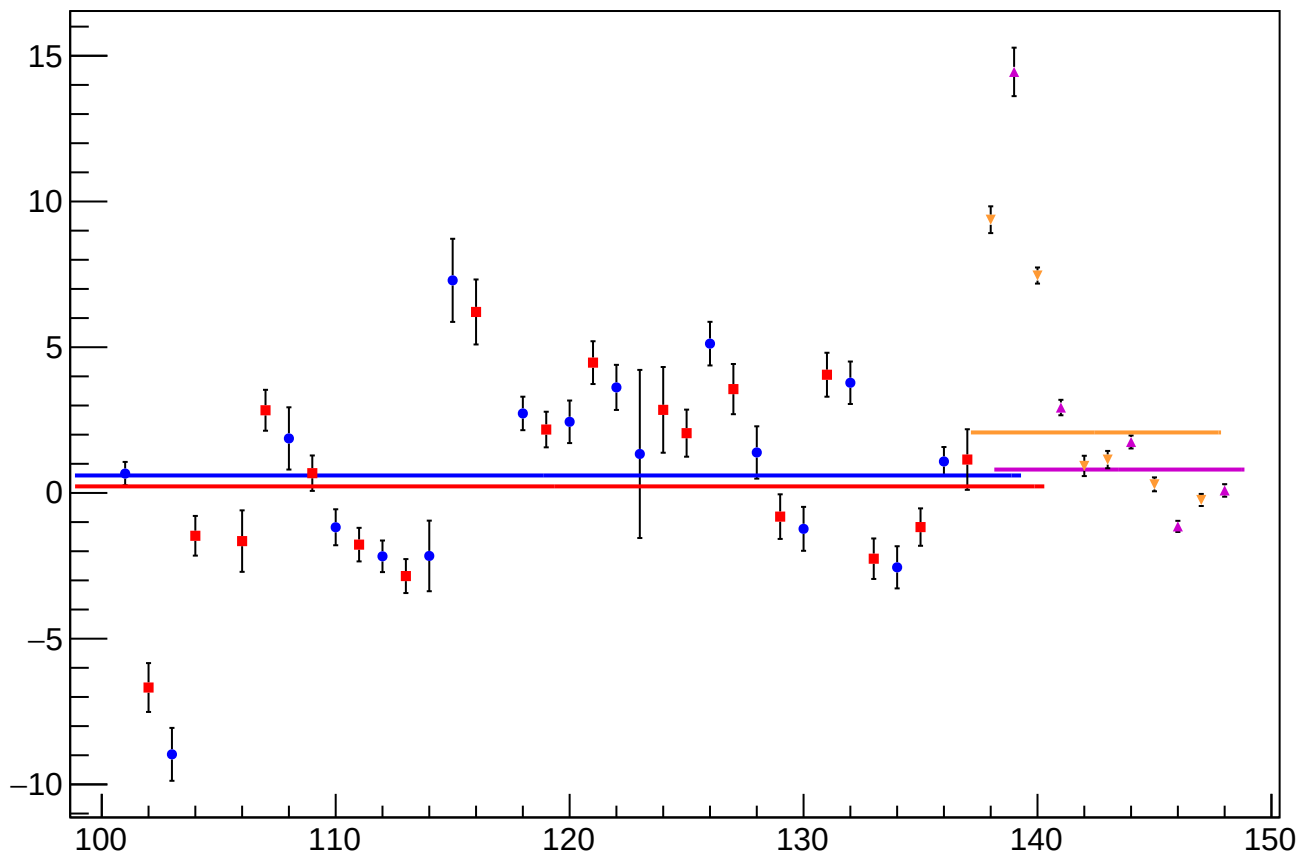
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.303+/-0.161 χ^2/NDF :2069.4/5
 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: -5.455+/-0.114 χ^2/NDF : 2988.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.586+/-0.162 χ^2/NDF :653.4/4
 Out: -7.303+/-0.161 χ^2/NDF :2069.4/5
 All: -5.455+/-0.114 χ^2/NDF : 2988.5/10

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 2.076 ± 0.113 χ^2/NDF : 833.4/5

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 0.803 ± 0.109 χ^2/NDF : 466.9/4

Left: 1.414 ± 0.078 χ^2/NDF : 1366.2/10

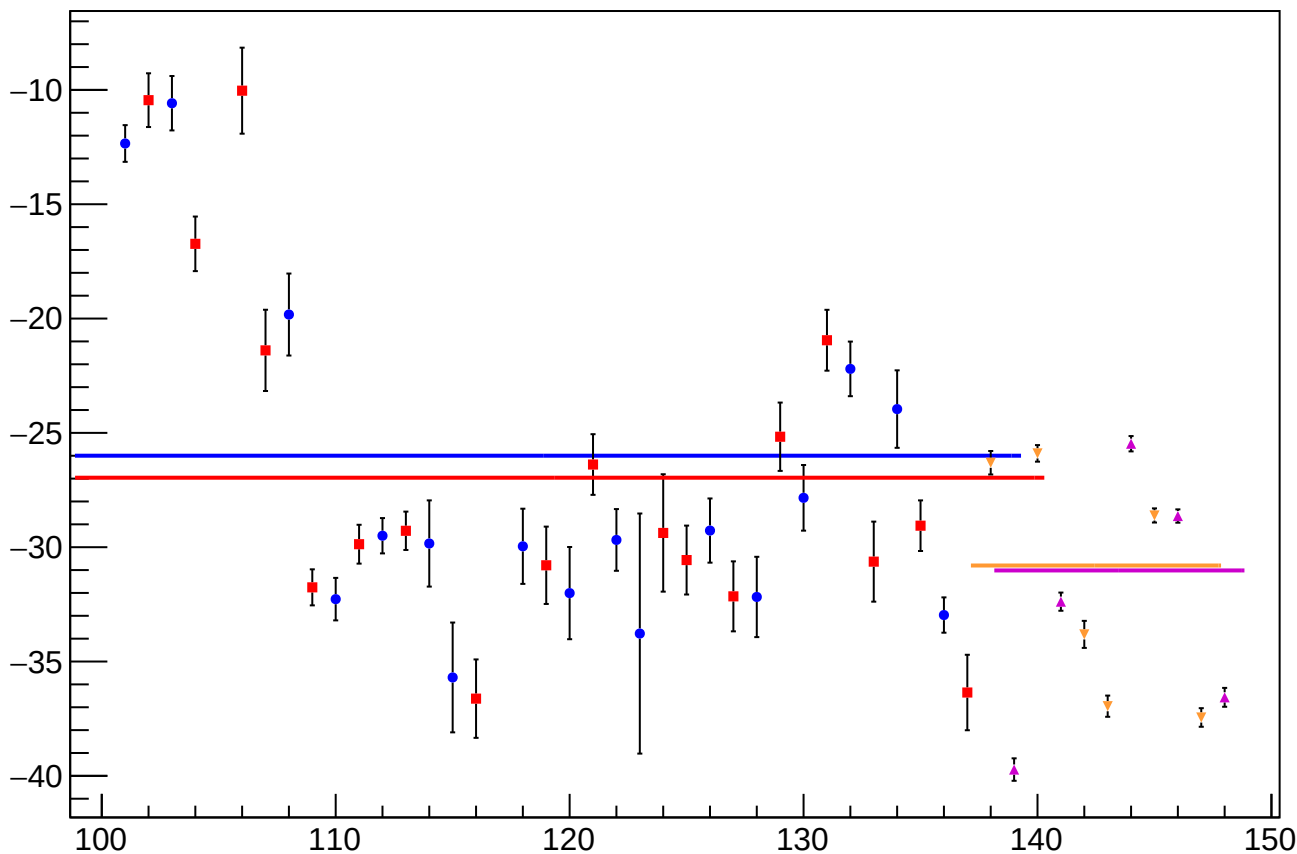
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 0.743 ± 0.091 χ^2/NDF : 759.9/21

Out: 1.529 ± 0.095 χ^2/NDF : 1185.7/23

All: 1.122 ± 0.066 χ^2/NDF : 1981.1/45

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -30.800 ± 0.168 χ^2/NDF : 779.0/5

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -31.017 ± 0.164 χ^2/NDF : 846.5/4

Left: -30.911 ± 0.118 χ^2/NDF : 1626.4/10

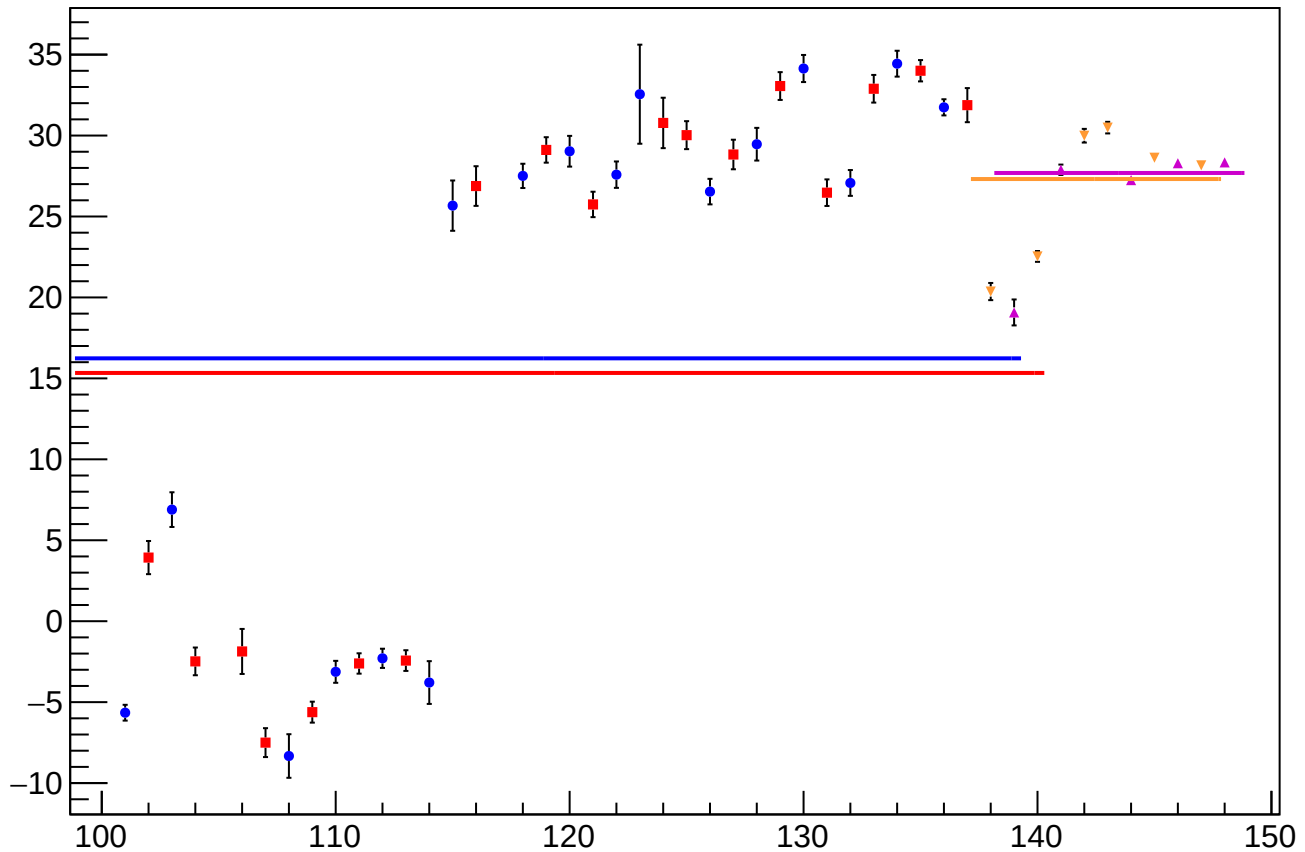
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.858 ± 0.144 χ^2/NDF : 1754.2/21

Out: -29.875 ± 0.146 χ^2/NDF : 1440.2/23

All: -29.867 ± 0.103 χ^2/NDF : 3194.4/45

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.314 $\pm$ 0.139 χ^2 /NDF:527.1/5

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.689 $\pm$ 0.136 χ^2 /NDF:129.8/4

Left: 27.506 $\pm$ 0.097 χ^2 /NDF: 660.6/10

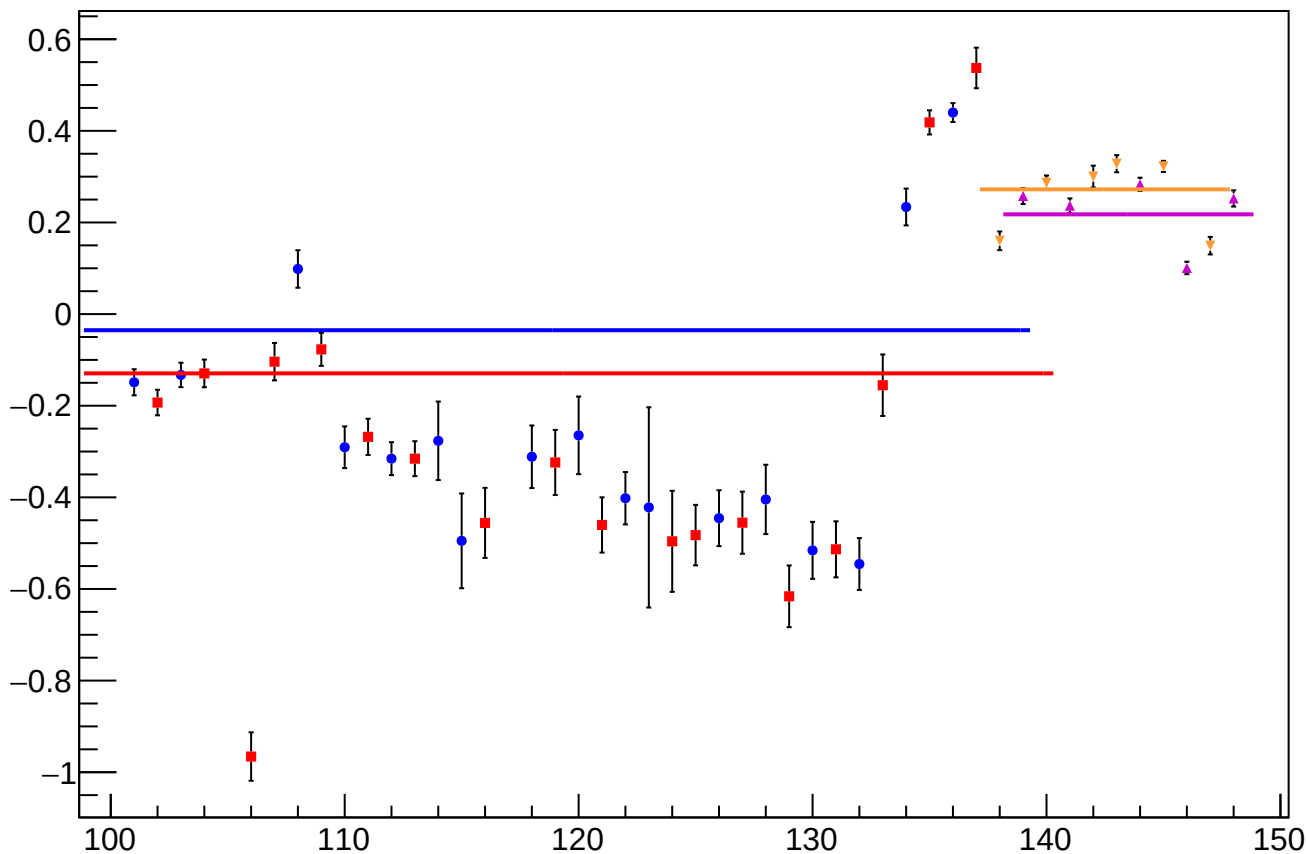
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 23.854 $\pm$ 0.111 χ^2 /NDF:10091.2/21

Out: 23.321 $\pm$ 0.114 χ^2 /NDF:10248.0/23

All: 23.595 $\pm$ 0.079 χ^2 /NDF: 20350.4/45

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.272 ± 0.007 χ^2/NDF : 100.2/5

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.218 ± 0.007 χ^2/NDF : 104.2/4

Left: 0.245 ± 0.005 χ^2/NDF : 234.9/10

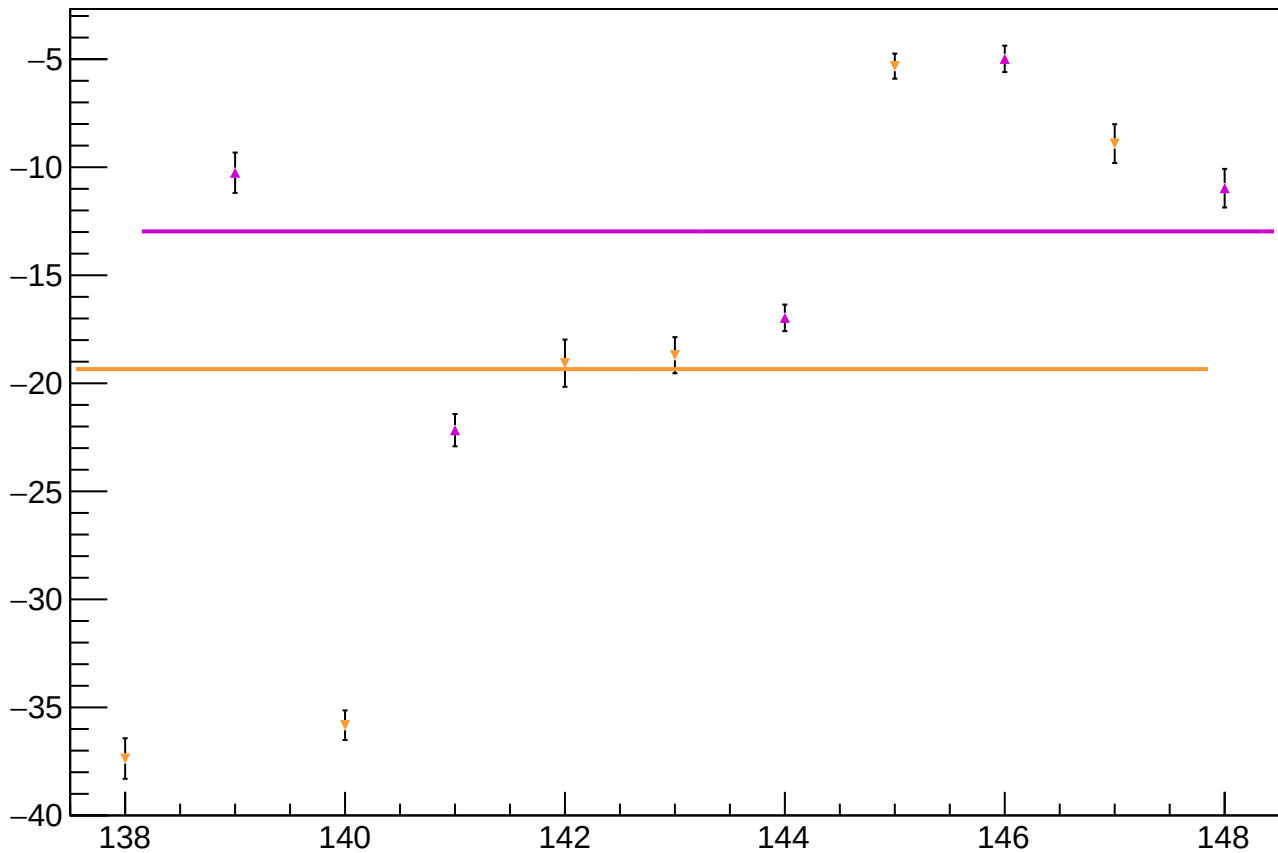
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.138 ± 0.006 χ^2/NDF : 1529.4/21

Out: 0.148 ± 0.006 χ^2/NDF : 2292.8/23

All: 0.143 ± 0.004 χ^2/NDF : 3823.6/45

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.343+/-0.321 χ^2/NDF :1664.3/5

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: -16.191+/-0.228 χ^2/NDF : 2237.9/10

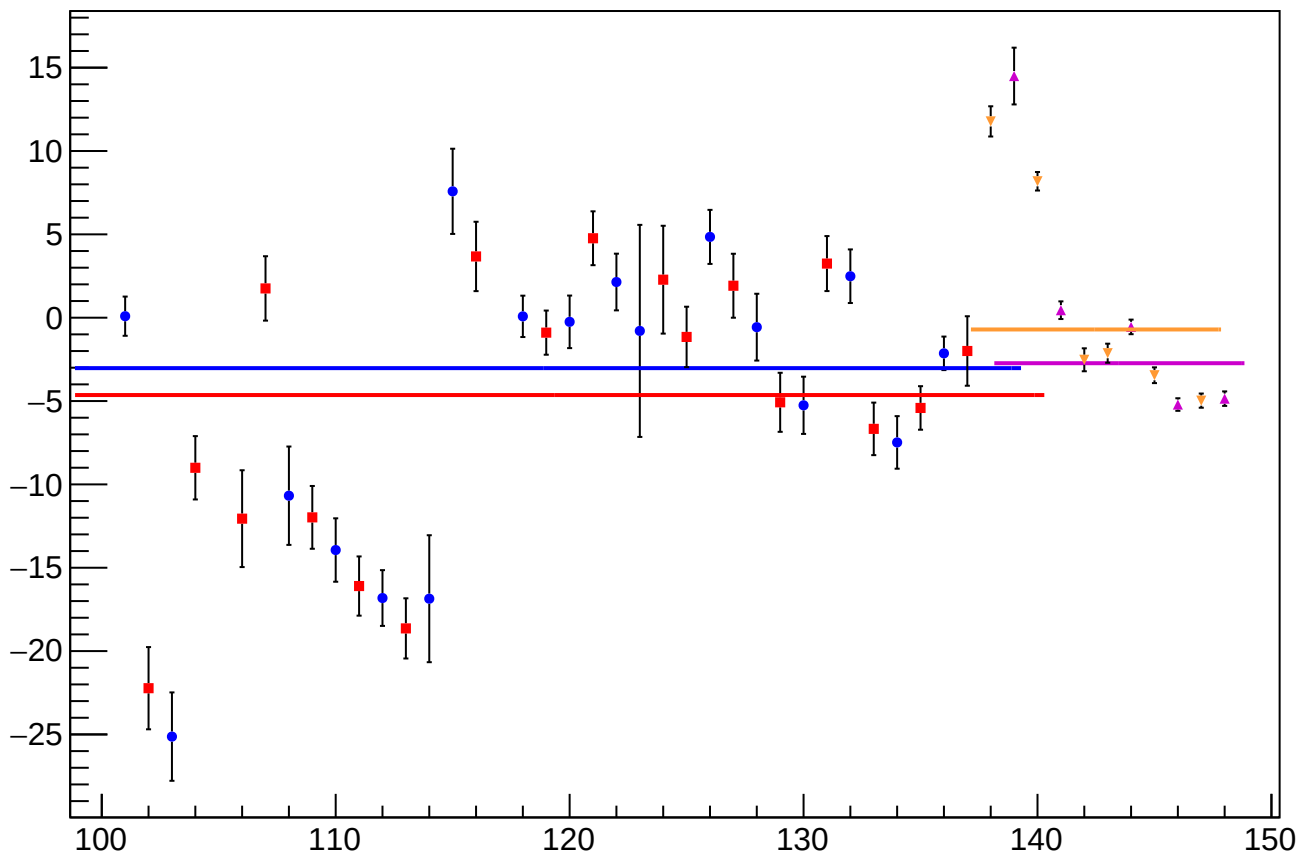
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.970+/-0.324 χ^2/NDF :378.1/4

Out: -19.343+/-0.321 χ^2/NDF :1664.3/5

All: -16.191+/-0.228 χ^2/NDF : 2237.9/10

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -0.706 ± 0.226 χ^2/NDF : 593.4/5

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.730 ± 0.216 χ^2/NDF : 230.2/4

Left: -1.763 ± 0.156 χ^2/NDF : 865.5/10

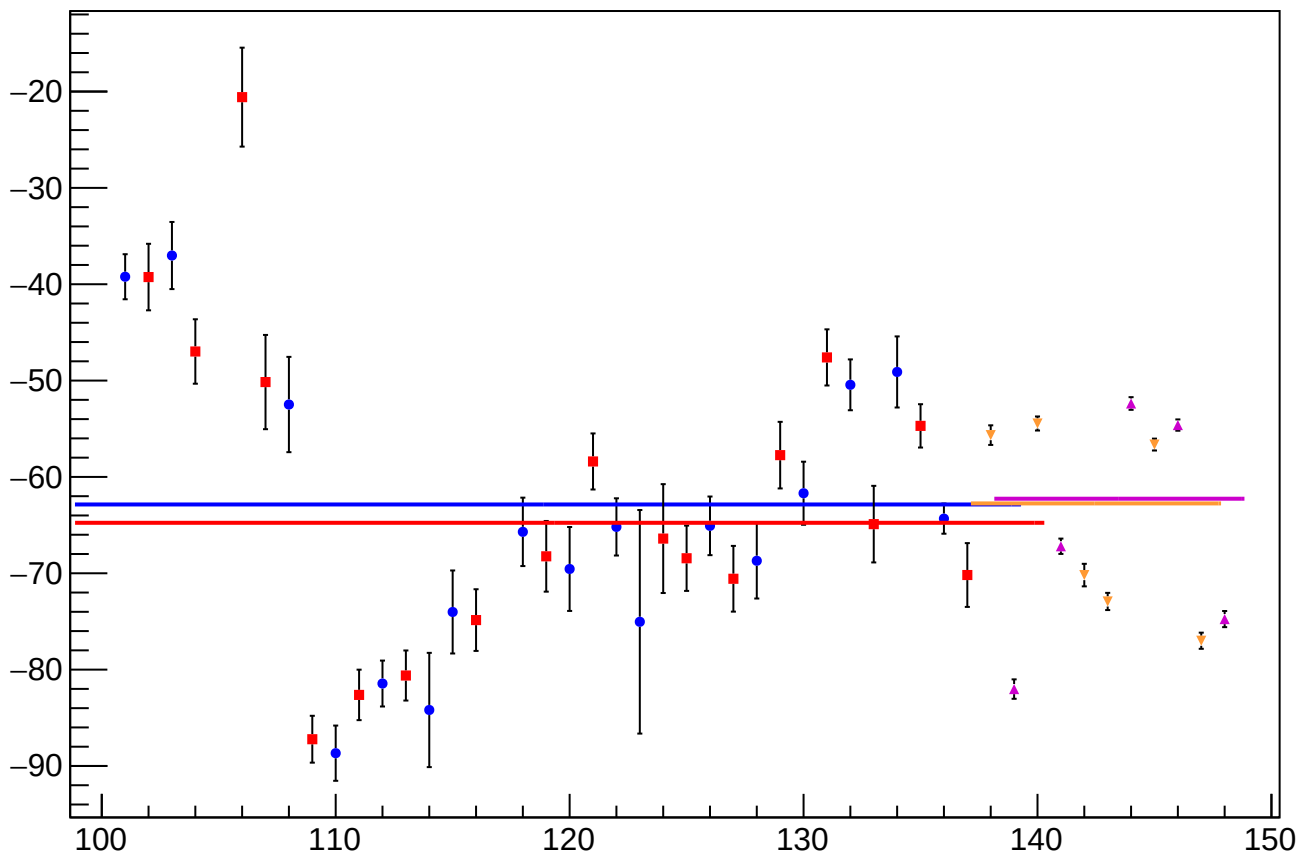
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.795 ± 0.191 χ^2/NDF : 511.2/21

Out: -1.567 ± 0.200 χ^2/NDF : 954.7/23

All: -2.208 ± 0.138 χ^2/NDF : 1485.6/45

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -62.750 ± 0.336 χ^2/NDF : 735.4/5

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -62.262 ± 0.330 χ^2/NDF : 1040.7/4

Left: -62.501 ± 0.235 χ^2/NDF : 1777.1/10

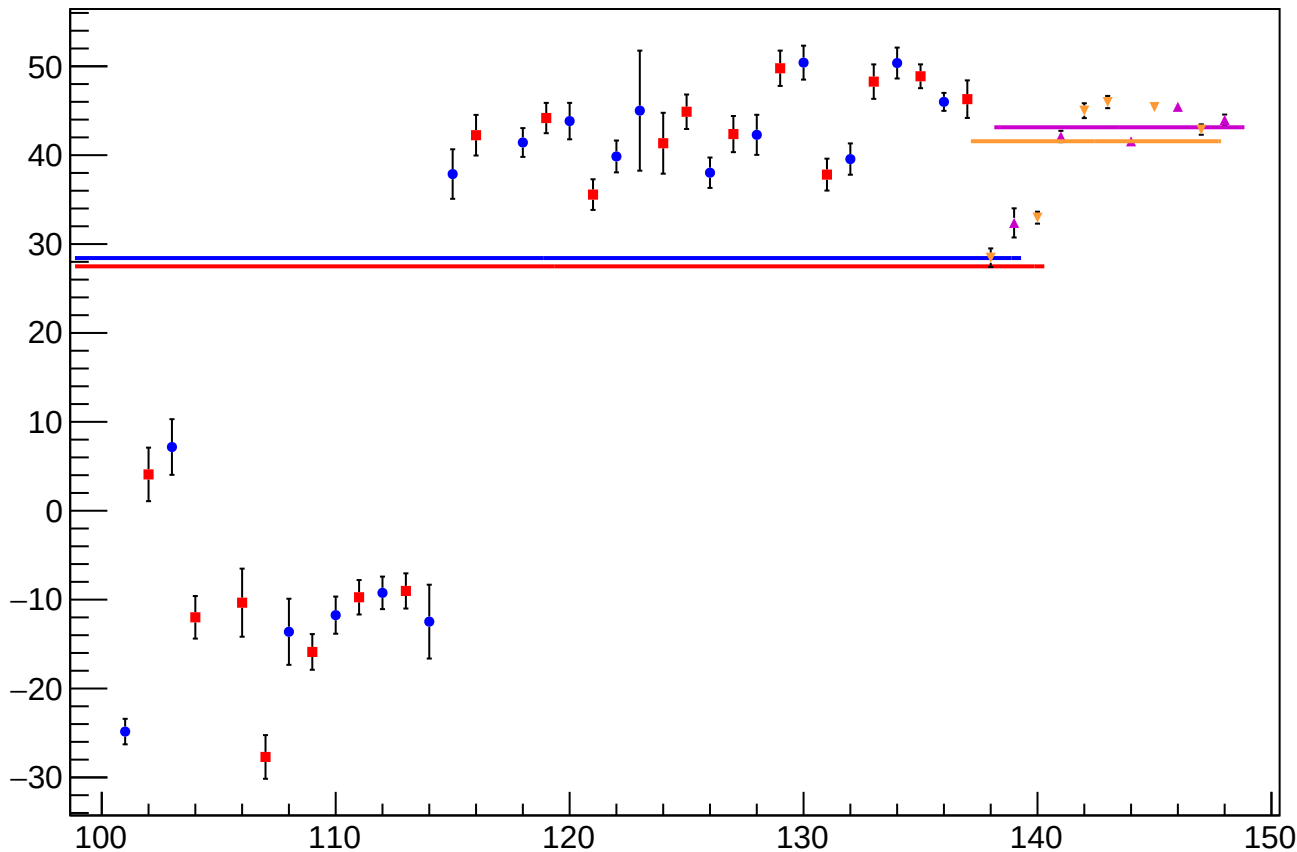
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -62.361 ± 0.301 χ^2/NDF : 1408.9/21

Out: -63.083 ± 0.306 χ^2/NDF : 1157.5/23

All: -62.715 ± 0.215 χ^2/NDF : 2569.2/45

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 χ^2/NDF : 3322.4/16

Left Out: 41.568 ± 0.278 χ^2/NDF : 433.1/5

Right Out: 27.493 ± 0.479 χ^2/NDF : 3027.8/17

Left In: 43.138 ± 0.271 χ^2/NDF : 80.1/4

Left: 42.374 ± 0.194 χ^2/NDF : 529.6/10

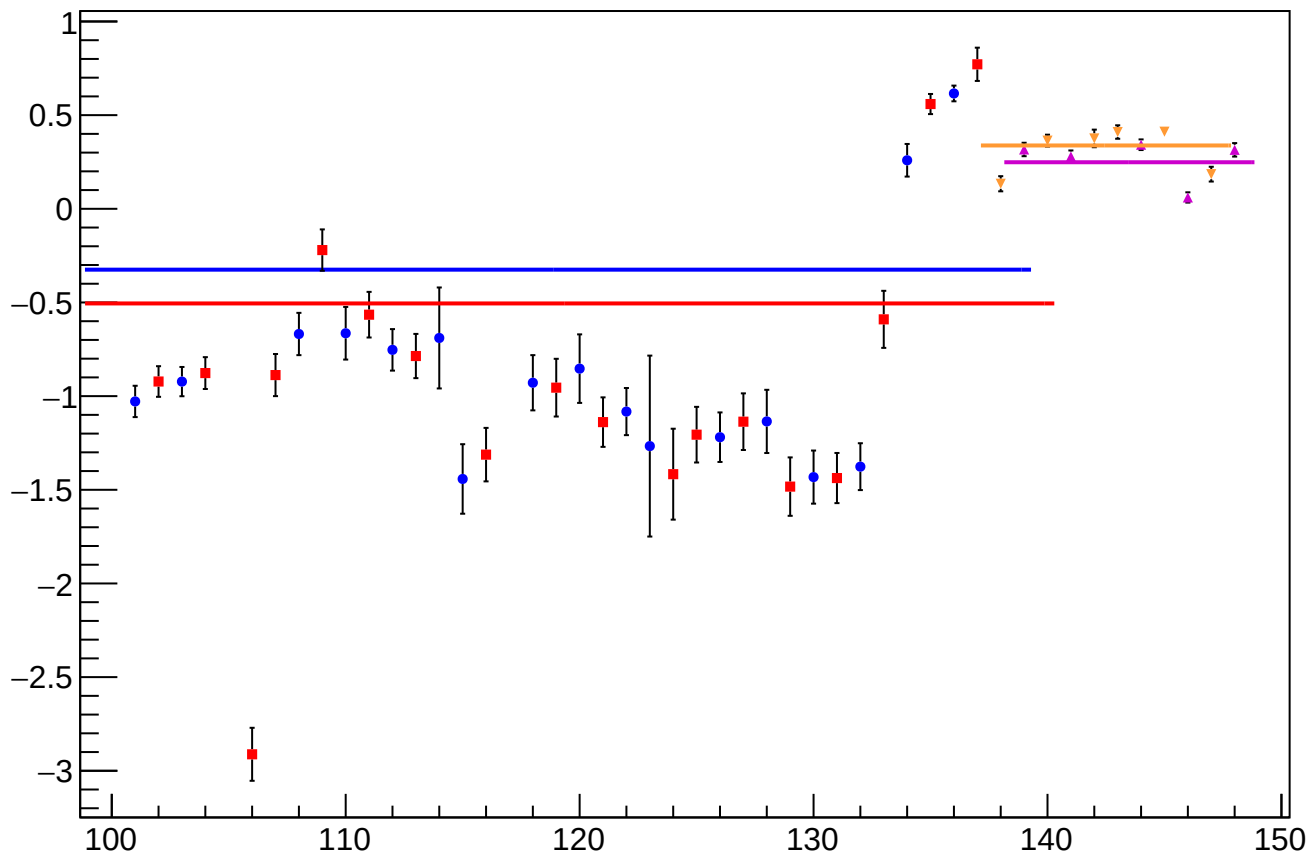
Right: 27.980 ± 0.331 χ^2/NDF : 6352.1/34

In: 39.328 ± 0.233 χ^2/NDF : 4167.8/21

Out: 38.019 ± 0.240 χ^2/NDF : 4107.3/23

All: 38.694 ± 0.167 χ^2/NDF : 8290.4/45

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.338 ± 0.014 χ^2/NDF : 55.2/5

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.249 ± 0.014 χ^2/NDF : 65.7/4

Left: 0.294 ± 0.010 χ^2/NDF : 141.4/10

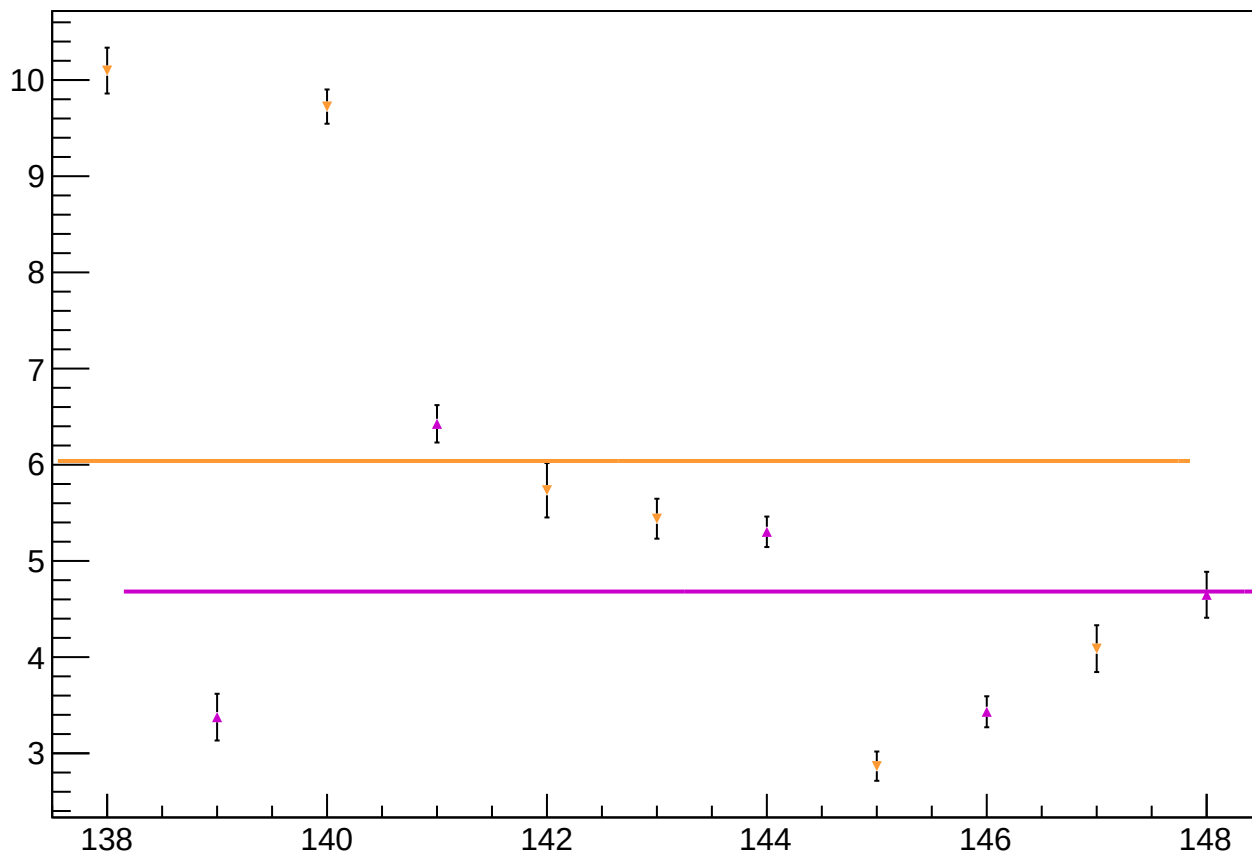
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.111 ± 0.012 χ^2/NDF : 1479.6/21

Out: 0.148 ± 0.012 χ^2/NDF : 2048.2/23

All: 0.129 ± 0.009 χ^2/NDF : 3532.5/45

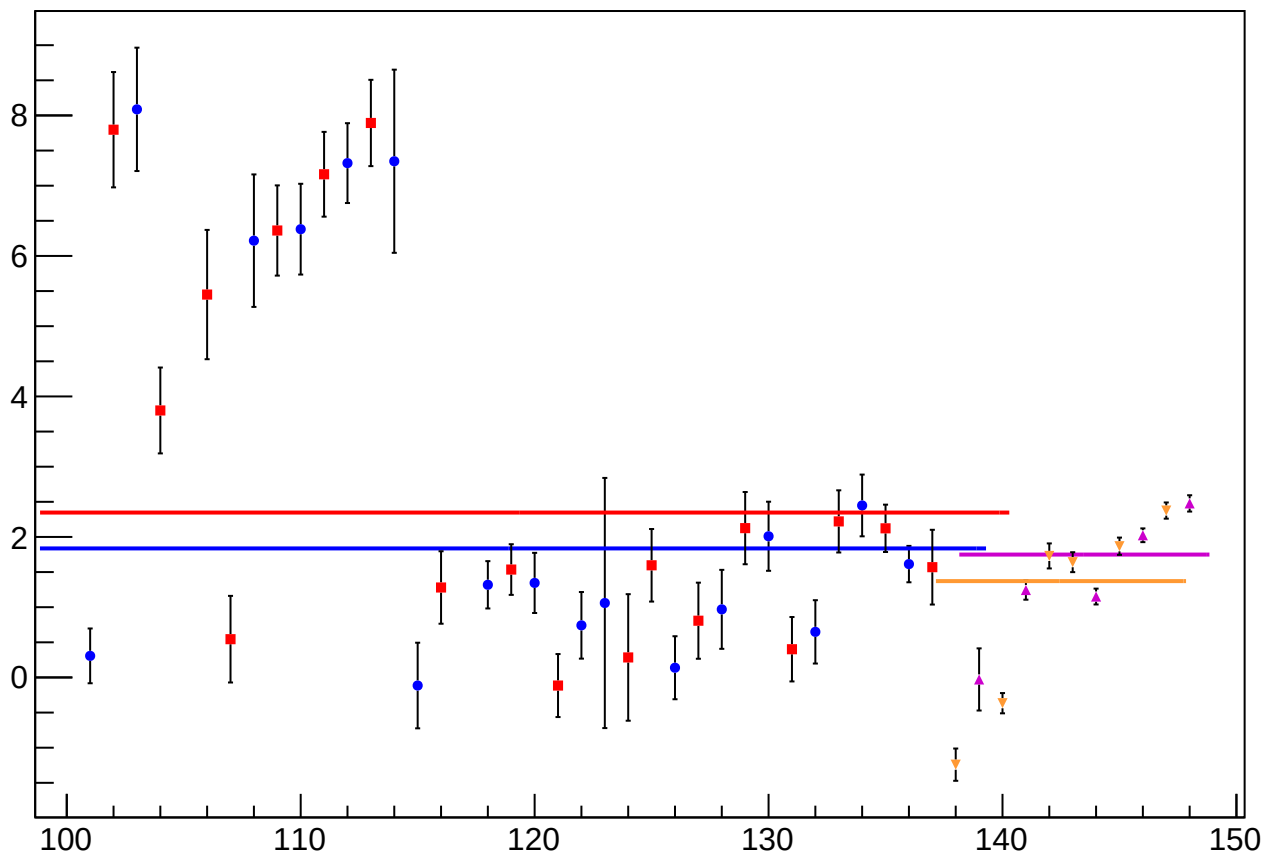
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 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: 5.374+/-0.059 χ^2/NDF : 1542.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.682+/-0.085 χ^2/NDF :184.9/4
 Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 All: 5.374+/-0.059 χ^2/NDF : 1542.9/10

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.371 ± 0.059 χ^2/NDF : 374.5/5

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.749 ± 0.056 χ^2/NDF : 104.9/4

Left: 1.568 ± 0.041 χ^2/NDF : 500.9/10

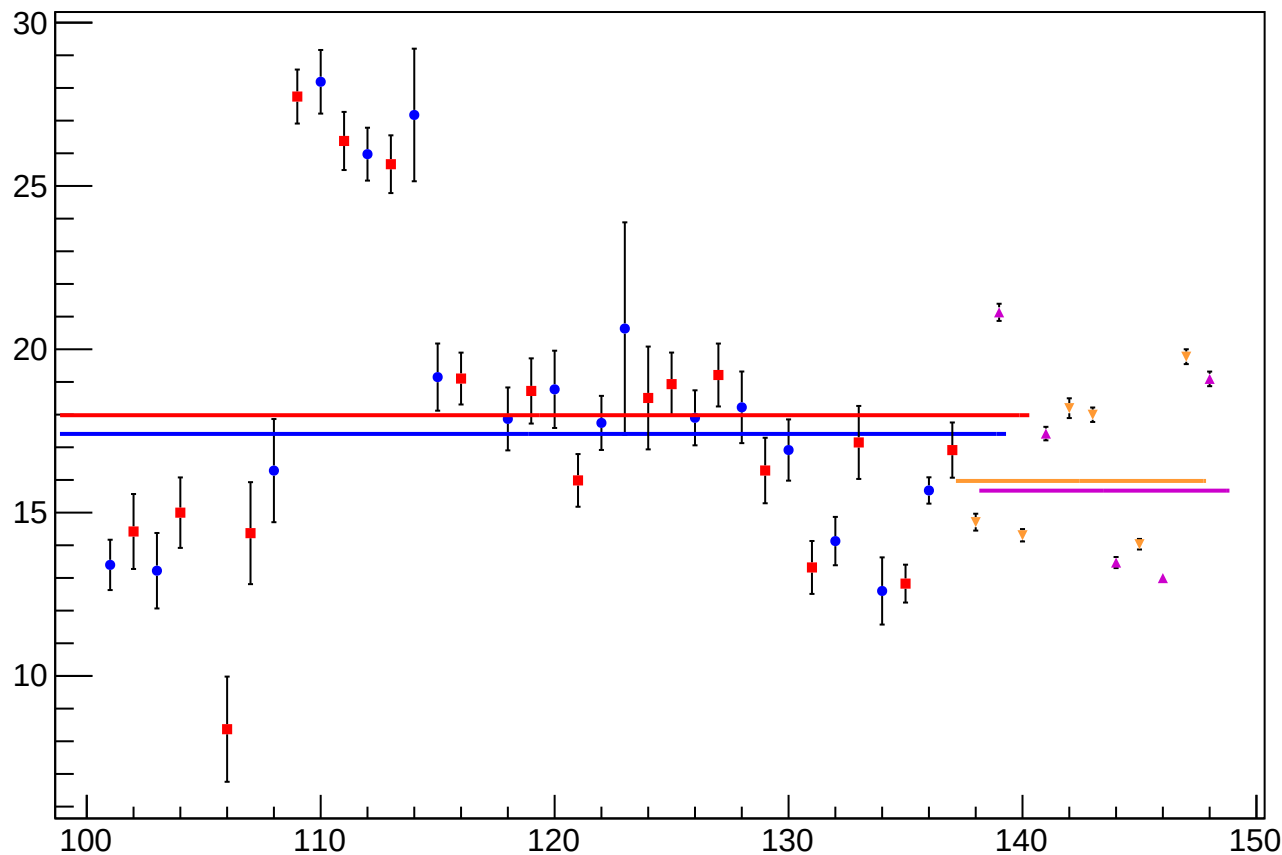
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.766 ± 0.051 χ^2/NDF : 399.4/21

Out: 1.554 ± 0.053 χ^2/NDF : 755.8/23

All: 1.664 ± 0.037 χ^2/NDF : 1163.6/45

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.970 $\pm$ 0.087 χ^2 /NDF: 662.5/5

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.673 $\pm$ 0.086 χ^2 /NDF: 1205.3/4

Left: 15.820 $\pm$ 0.061 χ^2 /NDF: 1873.6/10

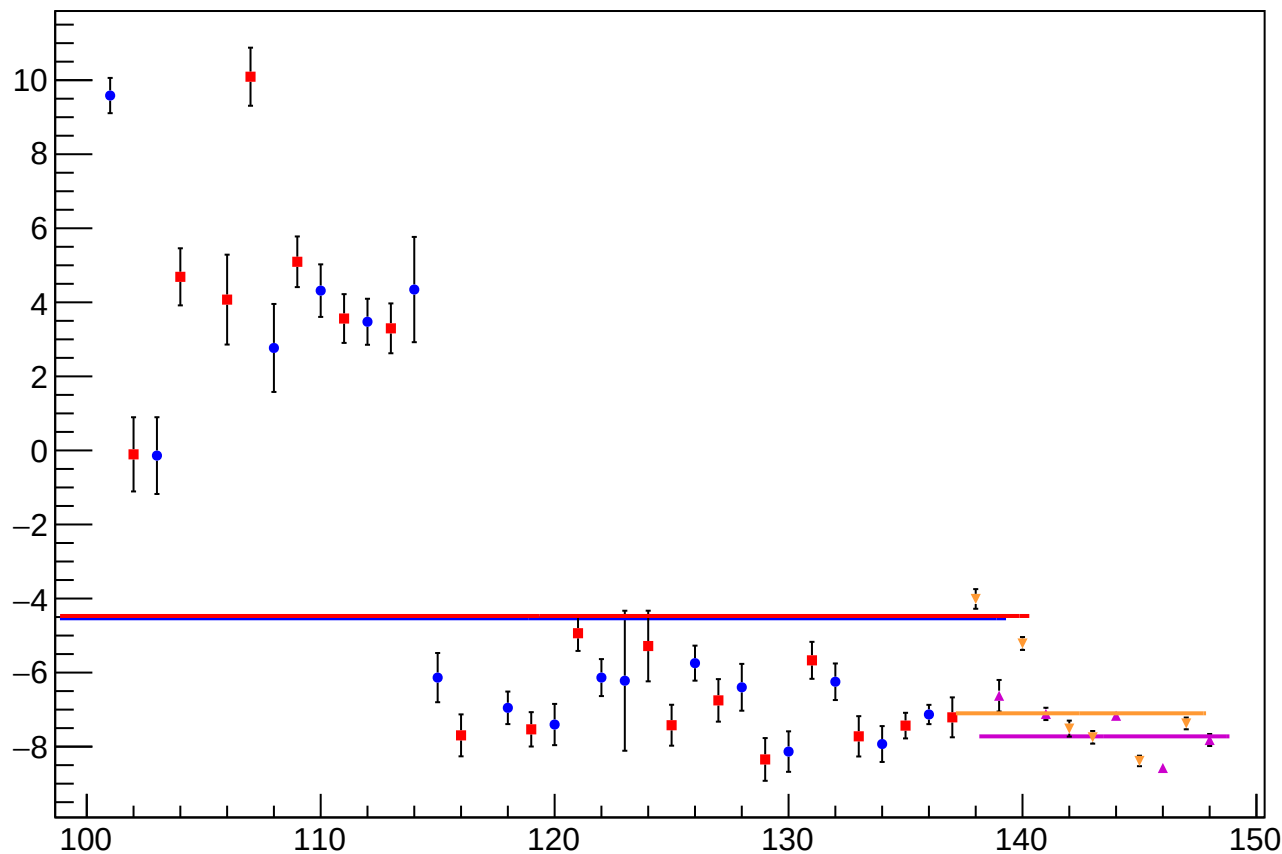
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.919 $\pm$ 0.080 χ^2 /NDF: 1628.0/21

Out: 16.244 $\pm$ 0.081 χ^2 /NDF: 1225.9/23

All: 16.079 $\pm$ 0.057 χ^2 /NDF: 2862.0/45

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.100 ± 0.072 χ^2/NDF : 355.2/5

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.723 ± 0.071 χ^2/NDF : 84.9/4

Left: -7.418 ± 0.050 χ^2/NDF : 478.1/10

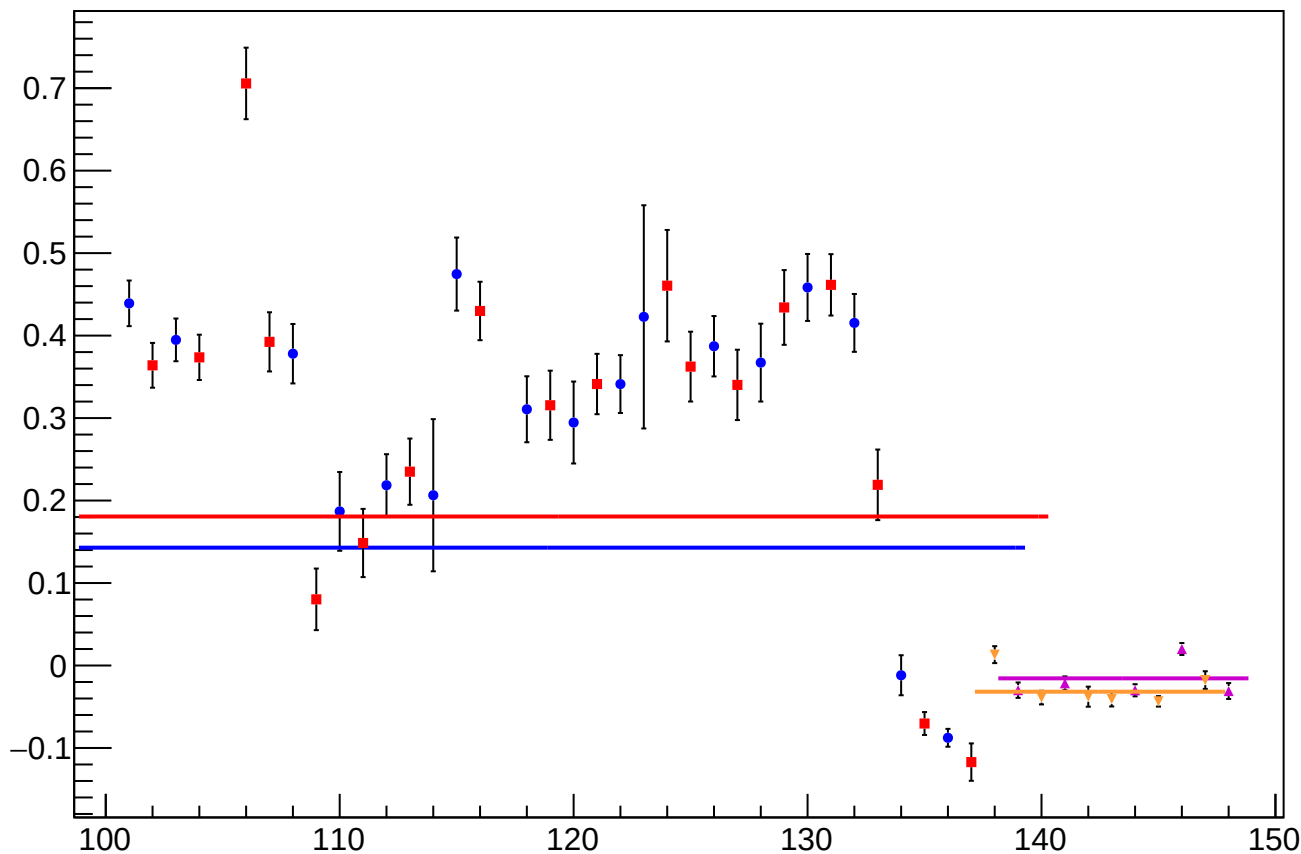
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.992 ± 0.062 χ^2/NDF : 2139.9/21

Out: -6.528 ± 0.064 χ^2/NDF : 1982.9/23

All: -6.767 ± 0.045 χ^2/NDF : 4150.0/45

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.032 ± 0.004 $\chi^2/\text{NDF}: 26.3/5$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.016 ± 0.004 $\chi^2/\text{NDF}: 33.6/4$

Left: -0.024 ± 0.003 $\chi^2/\text{NDF}: 69.8/10$

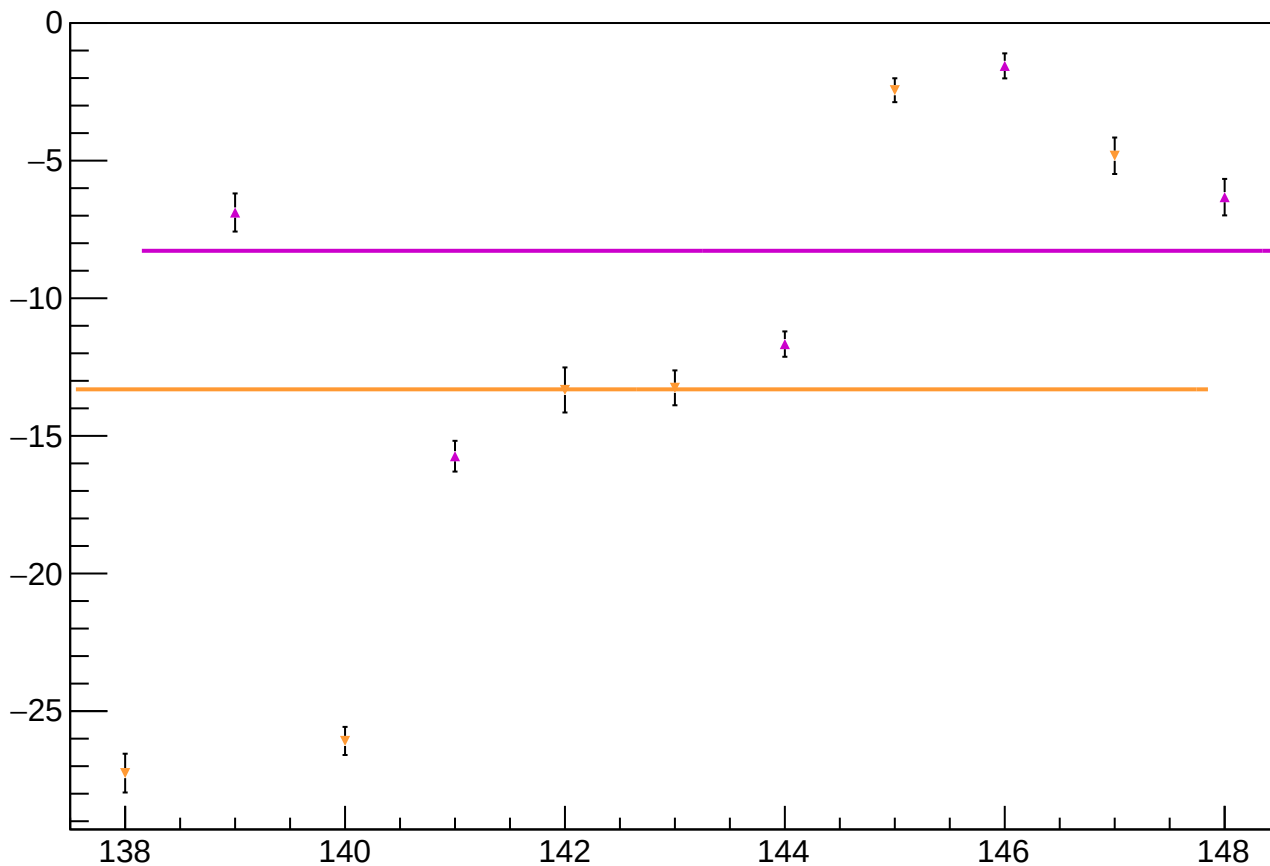
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.018 ± 0.003 $\chi^2/\text{NDF}: 1489.7/21$

Out: 0.009 ± 0.003 $\chi^2/\text{NDF}: 1695.4/23$

All: 0.014 ± 0.002 $\chi^2/\text{NDF}: 3189.1/45$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



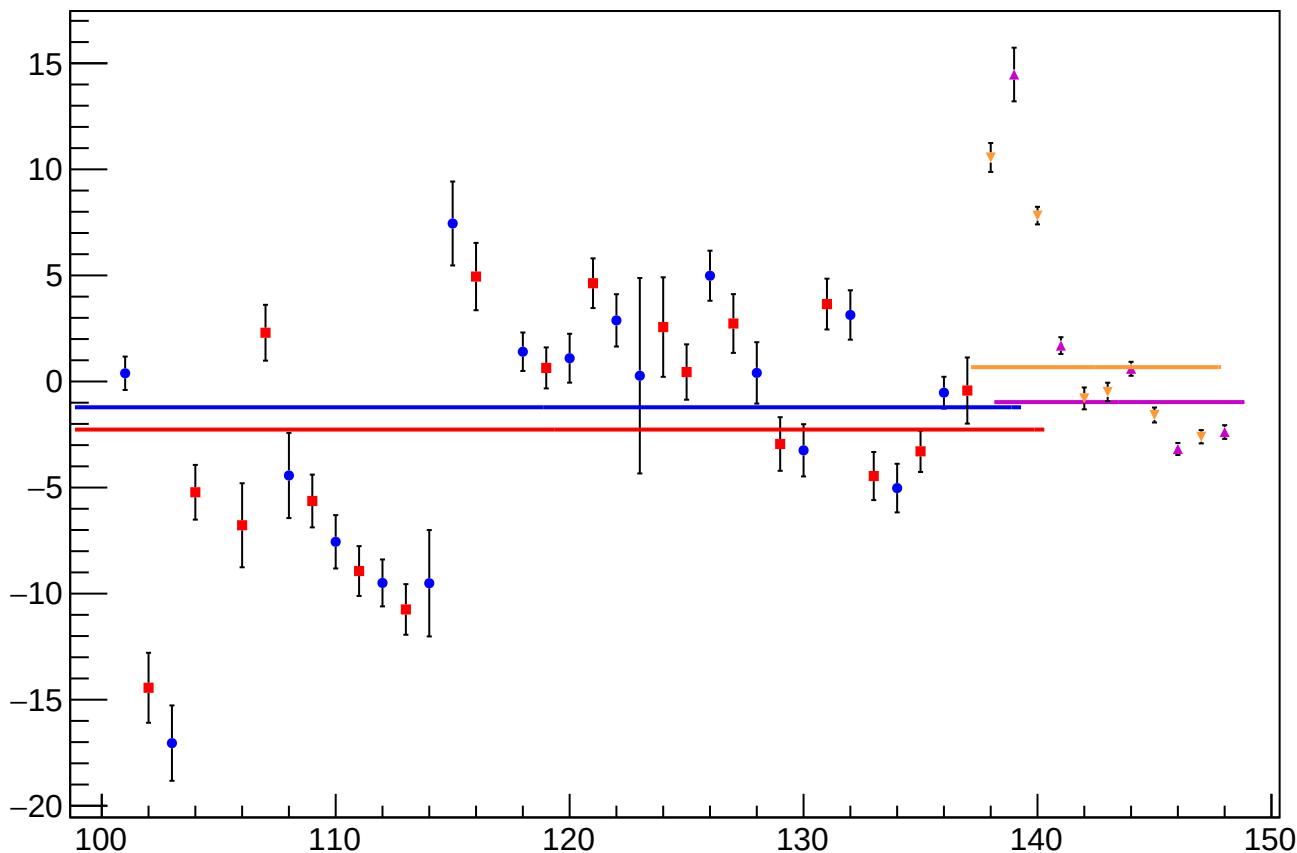
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.309+/-0.240 χ^2/NDF :1808.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.276+/-0.242 χ^2/NDF :463.8/4

Left: -10.814+/-0.170 χ^2/NDF : 2490.7/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.276+/-0.242 χ^2/NDF :463.8/4
 Out: -13.309+/-0.240 χ^2/NDF :1808.2/5

All: -10.814+/-0.170 χ^2/NDF : 2490.7/10

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.676 ± 0.169 χ^2/NDF : 673.1/5

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.971 ± 0.161 χ^2/NDF : 297.3/4

Left: -0.183 ± 0.117 χ^2/NDF : 1020.1/10

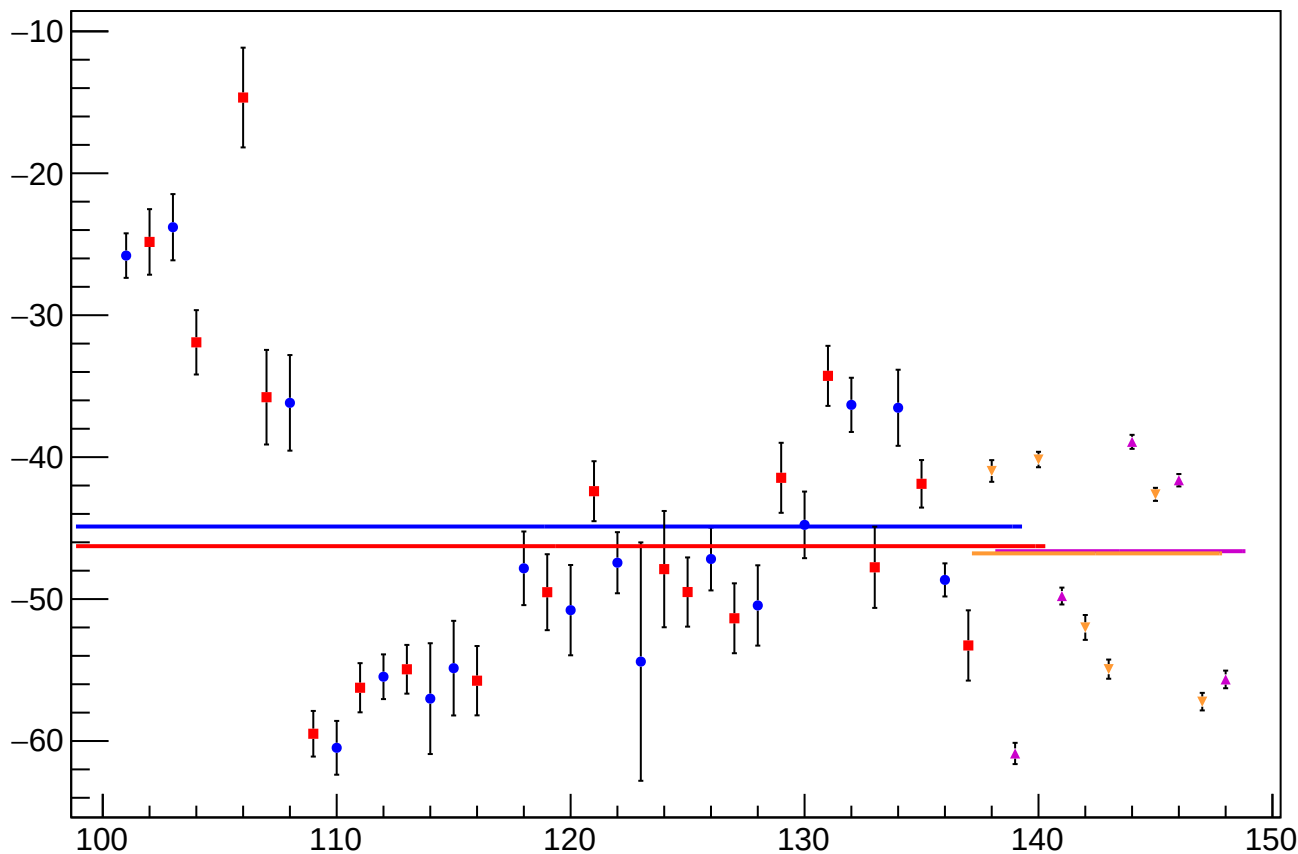
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -1.029 ± 0.141 χ^2/NDF : 576.6/21

Out: -0.022 ± 0.147 χ^2/NDF : 1029.2/23

All: -0.547 ± 0.102 χ^2/NDF : 1630.1/45

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -46.781 ± 0.251 χ^2/NDF : 753.6/5

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -46.627 ± 0.246 χ^2/NDF : 977.0/4

Left: -46.702 ± 0.175 χ^2/NDF : 1730.8/10

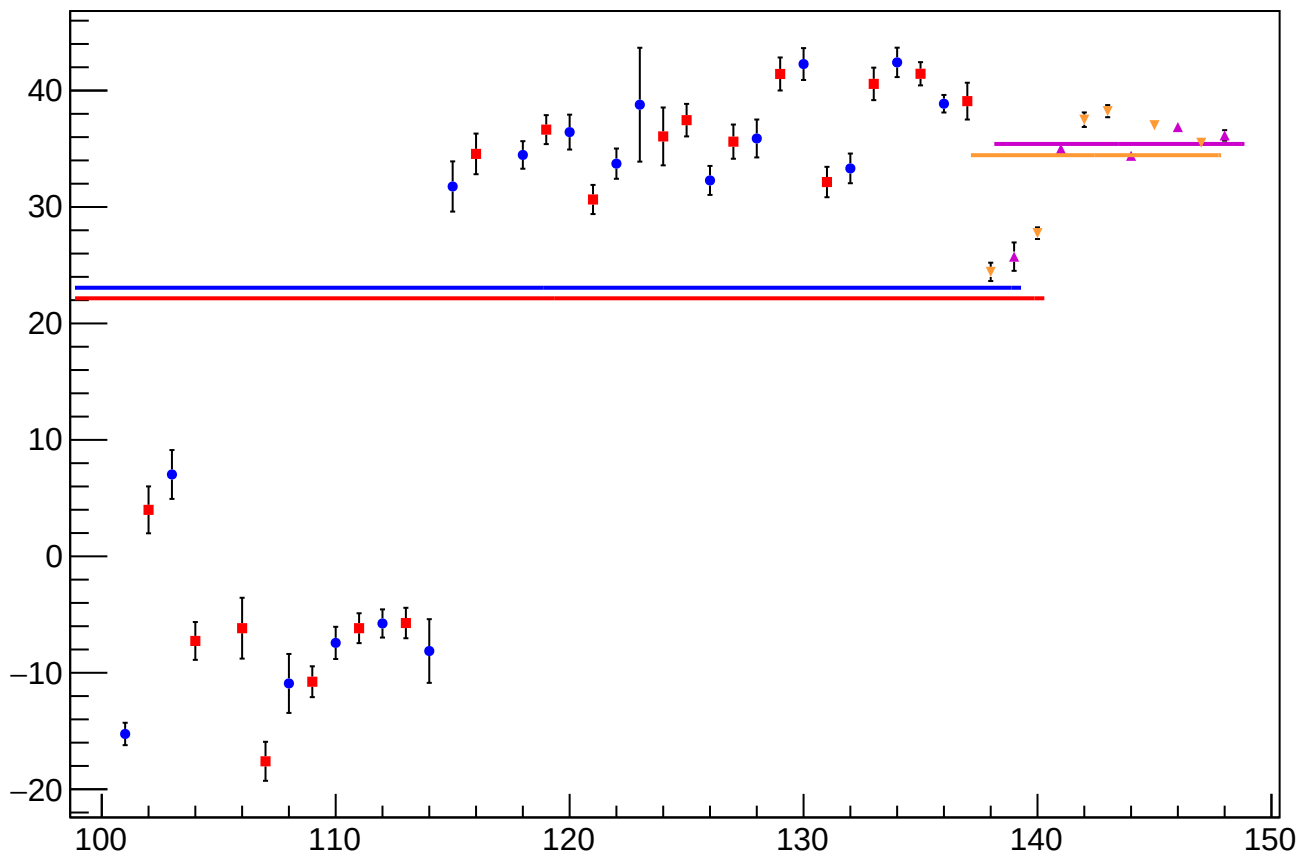
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -46.312 ± 0.222 χ^2/NDF : 1406.5/21

Out: -46.688 ± 0.227 χ^2/NDF : 1174.9/23

All: -46.497 ± 0.159 χ^2/NDF : 2582.8/45

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.449 $\pm$ 0.208 χ^2 /NDF:463.1/5

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.414 $\pm$ 0.202 χ^2 /NDF:89.9/4

Left: 34.945 $\pm$ 0.145 χ^2 /NDF: 564.1/10

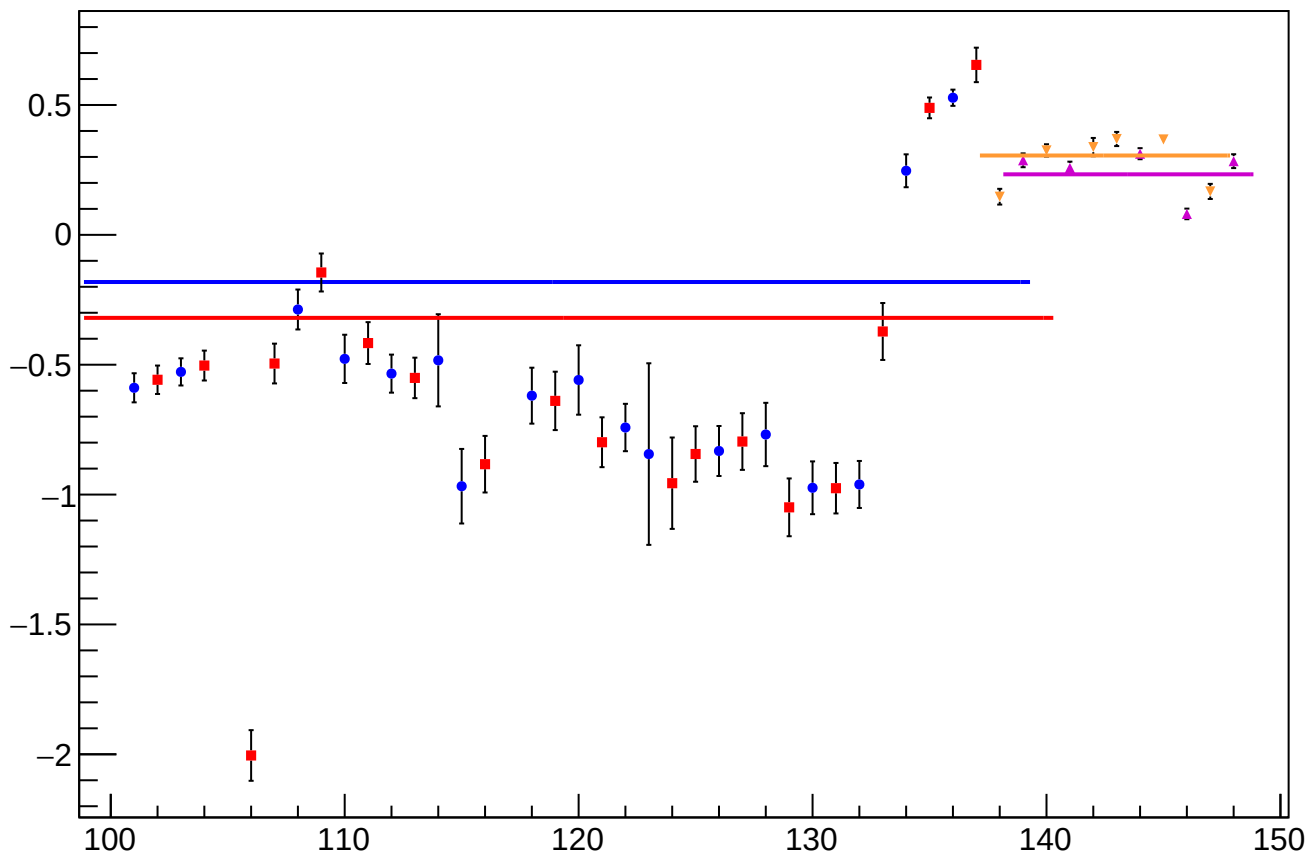
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.993 $\pm$ 0.172 χ^2 /NDF:5457.2/21

Out: 31.110 $\pm$ 0.177 χ^2 /NDF:5440.2/23

All: 31.565 $\pm$ 0.123 χ^2 /NDF: 10910.2/45

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.306 ± 0.010 χ^2/NDF : 68.7/5

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.233 ± 0.010 χ^2/NDF : 78.3/4

Left: 0.270 ± 0.007 χ^2/NDF : 171.2/10

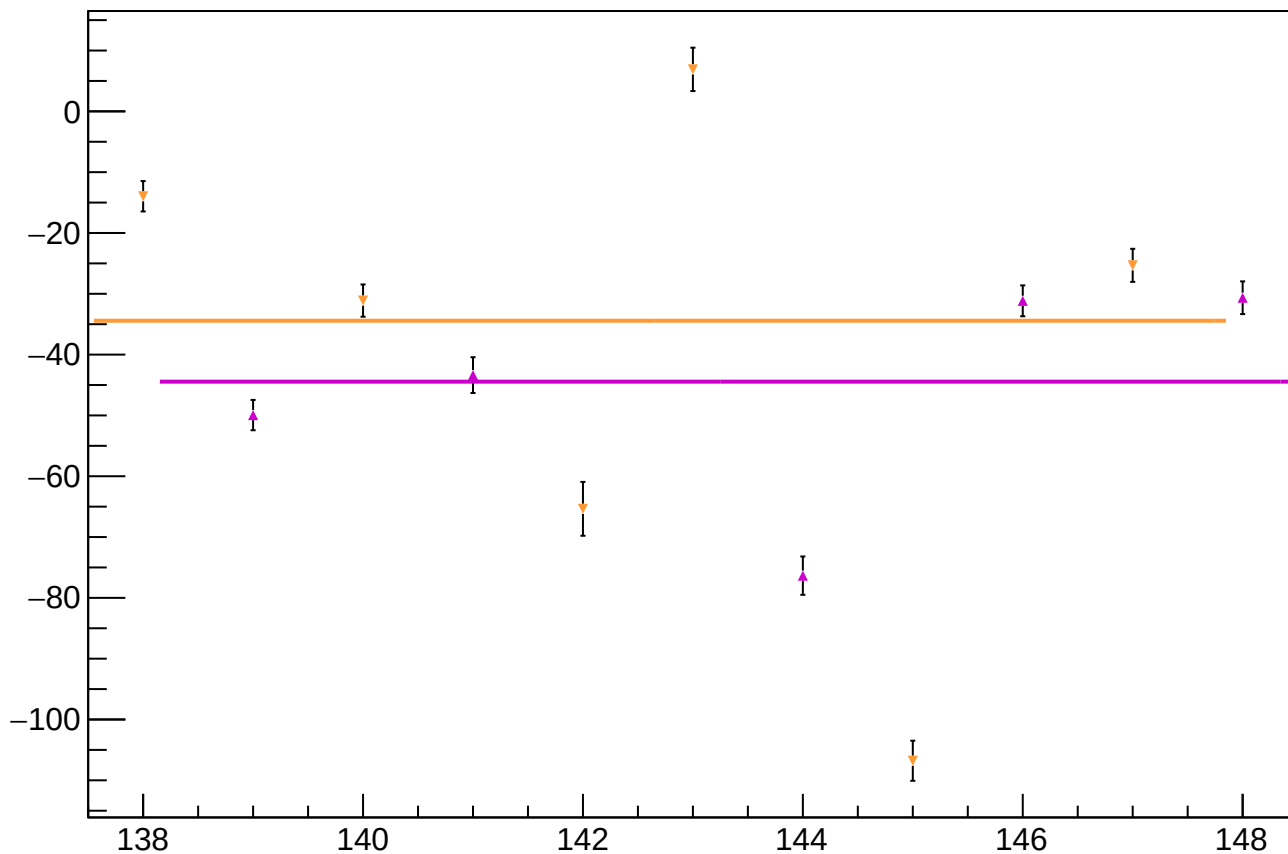
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.126 ± 0.009 χ^2/NDF : 1480.5/21

Out: 0.152 ± 0.009 χ^2/NDF : 2135.4/23

All: 0.139 ± 0.006 χ^2/NDF : 3620.0/45

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.431+/-1.231 χ^2/NDF :745.0/5

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: -39.481+/-0.867 χ^2/NDF : 939.5/10

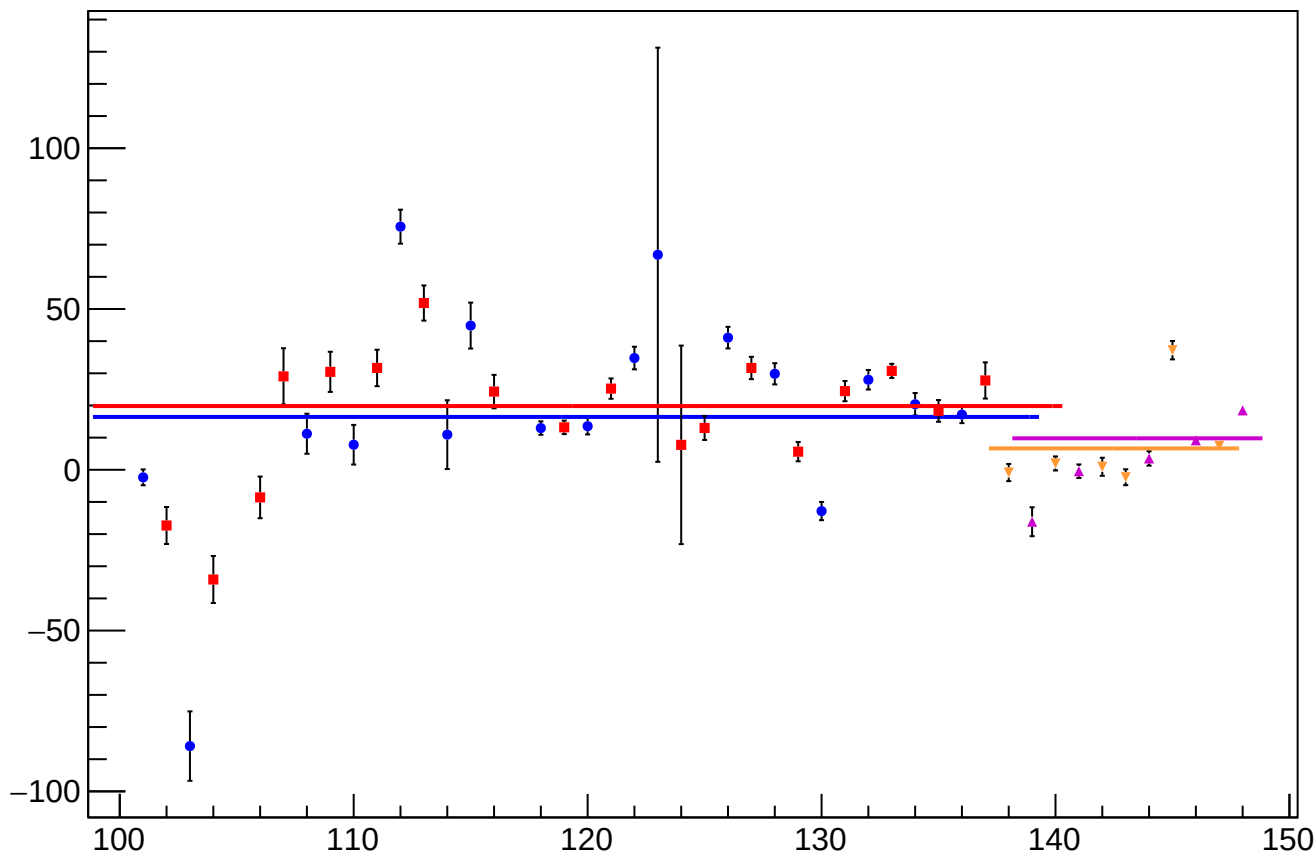
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.446+/-1.221 χ^2/NDF :161.1/4

Out: -34.431+/-1.231 χ^2/NDF :745.0/5

All: -39.481+/-0.867 χ^2/NDF : 939.5/10

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 χ^2/NDF : 516.9/16

Left Out: 6.649 ± 0.857 χ^2/NDF : 144.3/5

Right Out: 19.813 ± 0.899 χ^2/NDF : 238.5/17

Left In: 9.781 ± 0.813 χ^2/NDF : 109.1/4

Left: 8.298 ± 0.590 χ^2/NDF : 260.4/10

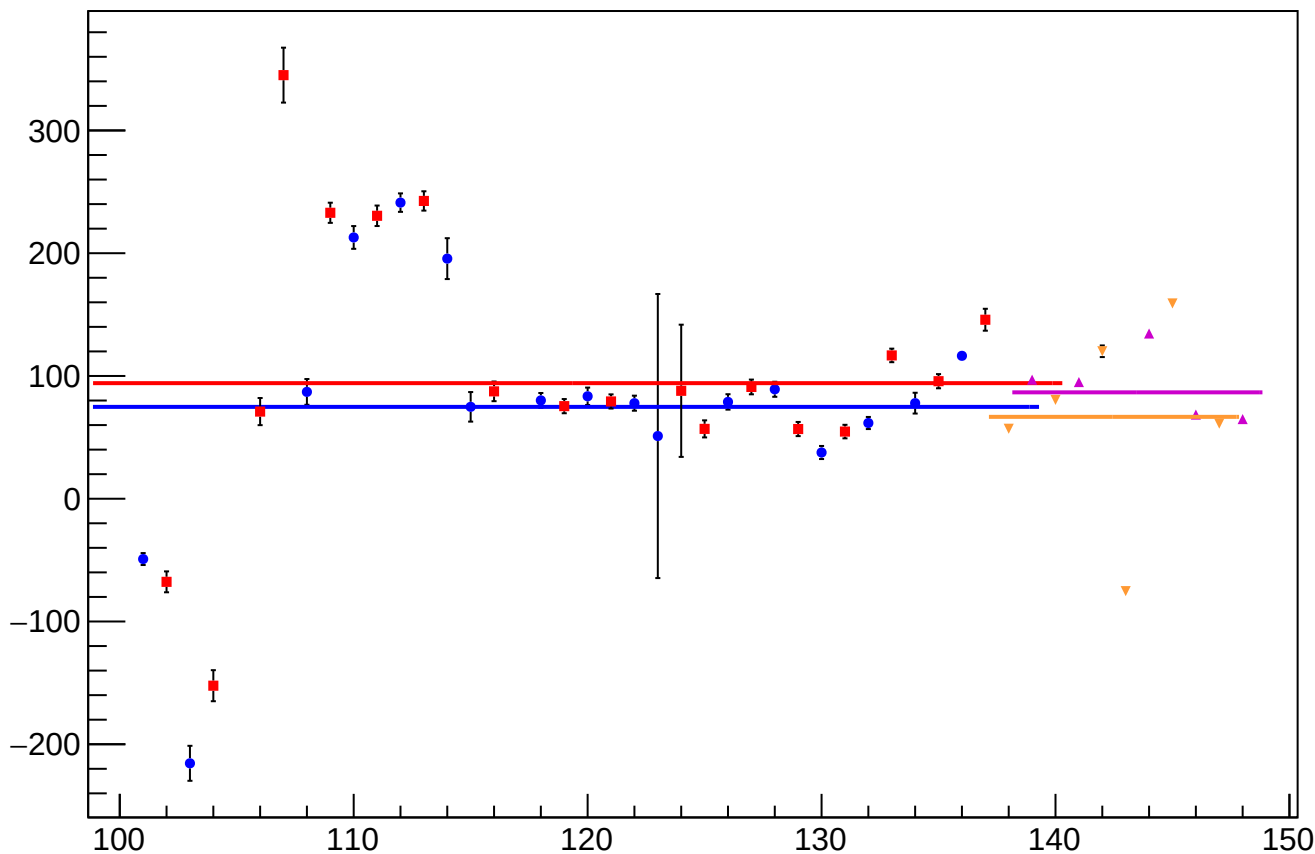
Right: 18.028 ± 0.617 χ^2/NDF : 762.9/34

In: 12.966 ± 0.587 χ^2/NDF : 658.1/21

Out: 12.916 ± 0.620 χ^2/NDF : 495.1/23

All: 12.943 ± 0.426 χ^2/NDF : 1153.2/45

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 66.702 $\pm$ 1.274 χ^2 /NDF:2290.9/5

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 86.657 $\pm$ 1.236 χ^2 /NDF:354.2/4

Left: 76.984 $\pm$ 0.887 χ^2 /NDF: 2771.4/10

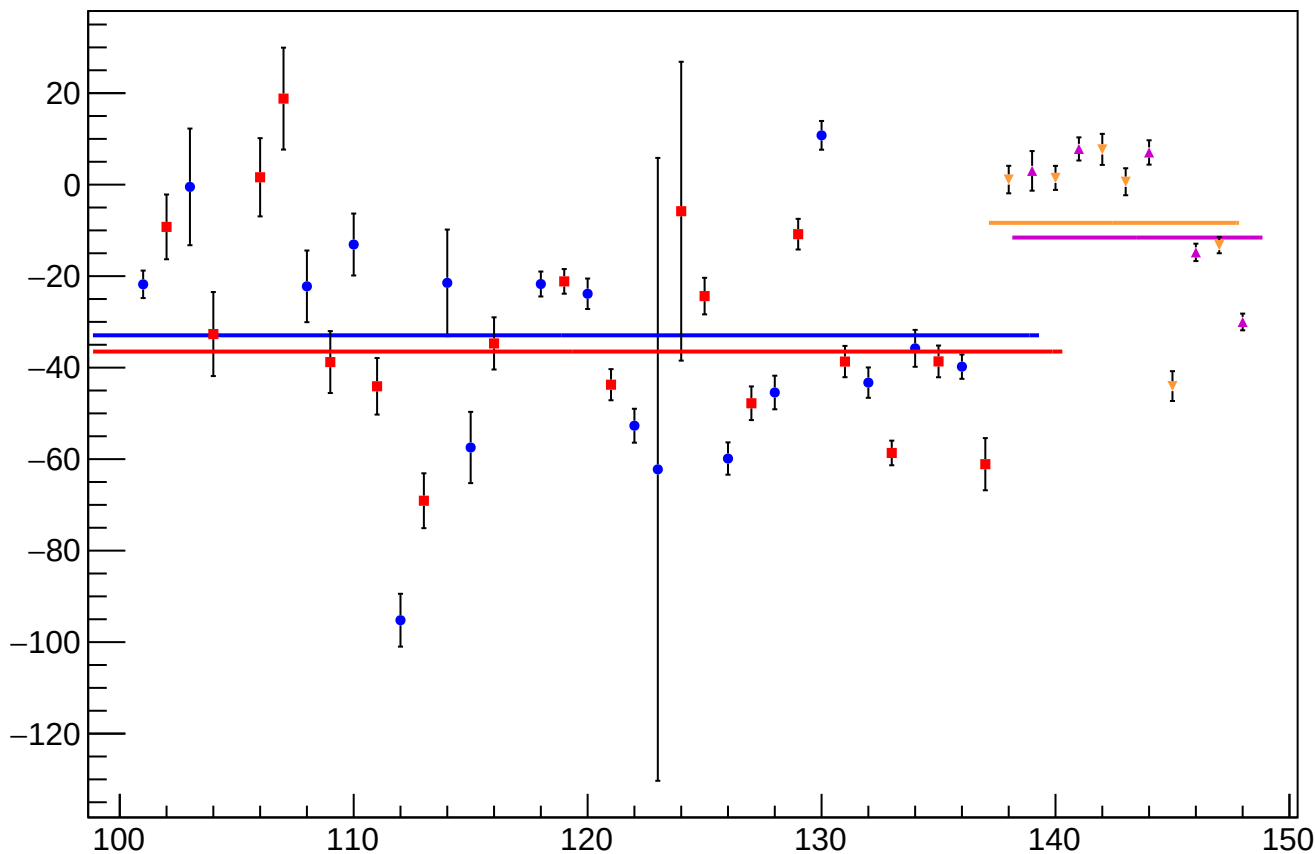
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 82.365 $\pm$ 0.987 χ^2 /NDF:2384.2/21

Out: 76.431 $\pm$ 1.024 χ^2 /NDF:4424.5/23

All: 79.508 $\pm$ 0.711 χ^2 /NDF: 6826.1/45

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -8.350 ± 1.074 $\chi^2/\text{NDF}: 182.8/5$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -11.566 ± 1.038 $\chi^2/\text{NDF}: 223.7/4$

Left: -10.012 ± 0.746 $\chi^2/\text{NDF}: 411.1/10$

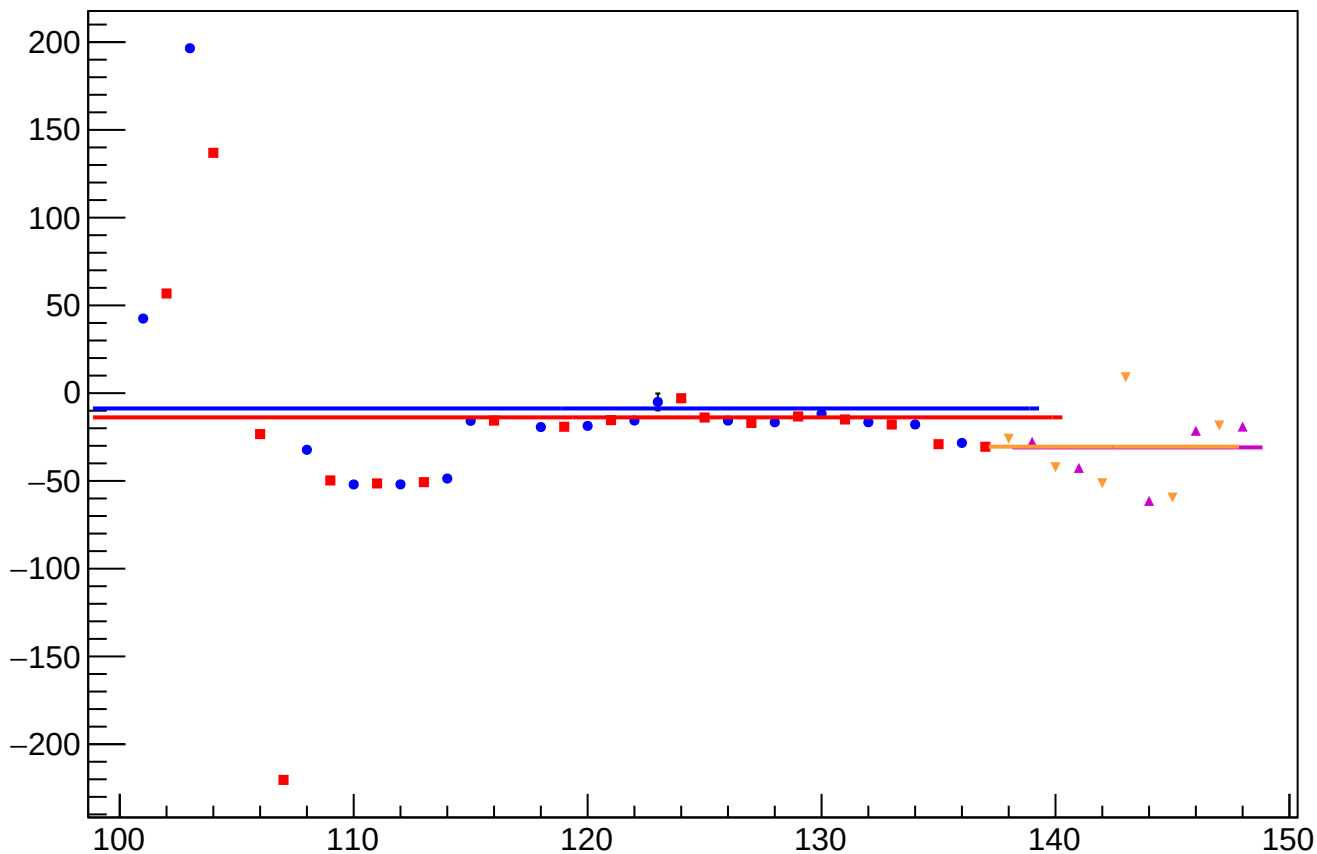
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -22.939 ± 0.710 $\chi^2/\text{NDF}: 939.9/21$

Out: -23.046 ± 0.742 $\chi^2/\text{NDF}: 834.8/23$

All: -22.990 ± 0.513 $\chi^2/\text{NDF}: 1774.7/45$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -30.470 ± 0.053 χ^2/NDF : 146357.5/5

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -30.902 ± 0.051 χ^2/NDF : 71535.3/4

Left: -30.696 ± 0.037 χ^2/NDF : 217927.0/10

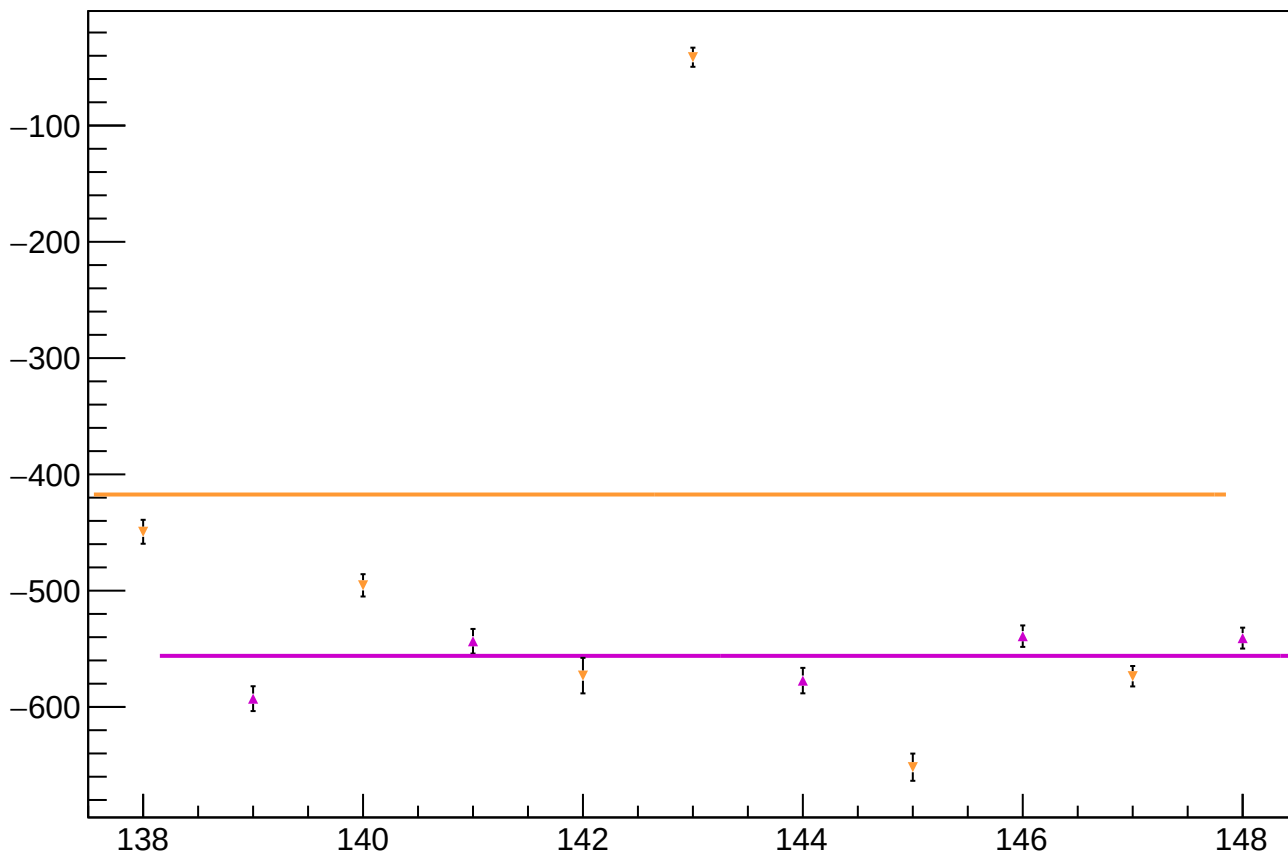
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -21.404 ± 0.039 χ^2/NDF : 728537.4/21

Out: -23.395 ± 0.040 χ^2/NDF : 737257.2/23

All: -22.351 ± 0.028 χ^2/NDF : 1467065.1/45

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

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: -480.707+/-3.018 χ^2/NDF : 3536.7/10

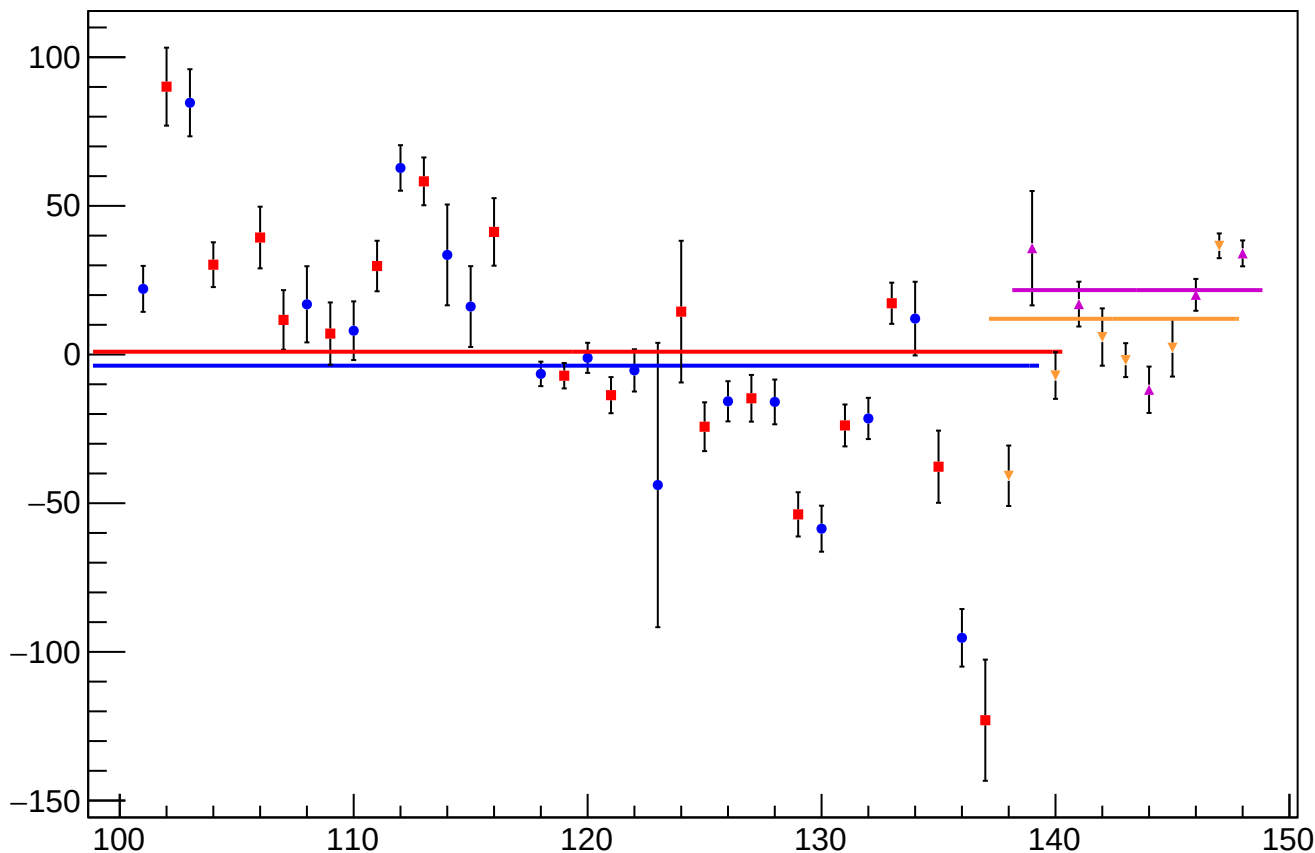
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -556.062+/-4.464 χ^2/NDF :23.3/4

Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

All: -480.707+/-3.018 χ^2/NDF : 3536.7/10

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 12.025 ± 2.714 χ^2/NDF : 75.0/5

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 21.668 ± 2.836 χ^2/NDF : 27.5/4

Left: 16.635 ± 1.961 χ^2/NDF : 108.6/10

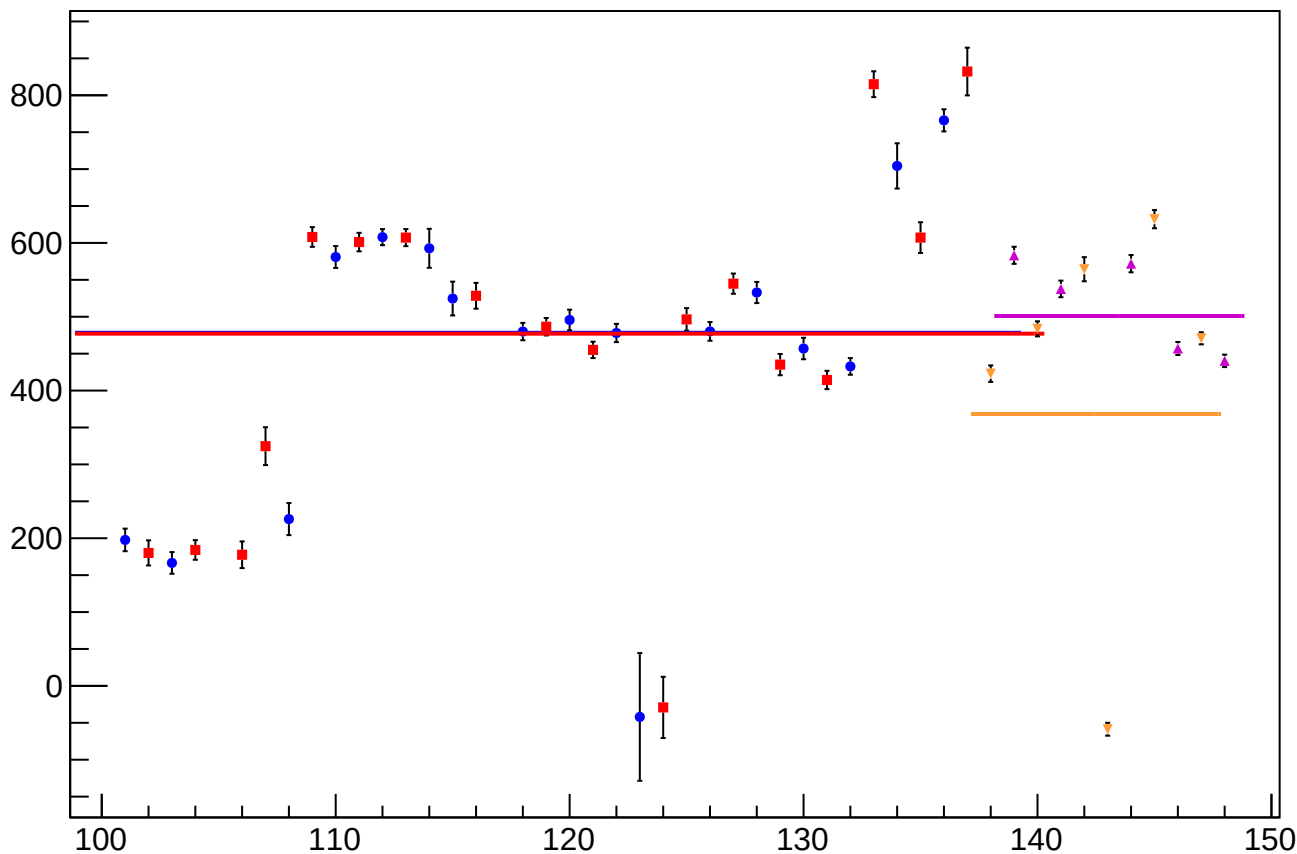
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 4.083 ± 1.574 χ^2/NDF : 397.2/21

Out: 4.638 ± 1.566 χ^2/NDF : 379.8/23

All: 4.362 ± 1.110 χ^2/NDF : 777.1/45

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 368.267+/-4.233 χ^2/NDF : 3280.2/5

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 500.981+/-4.488 χ^2/NDF : 174.8/4

Left: 430.736+/-3.079 χ^2/NDF : 3917.8/10

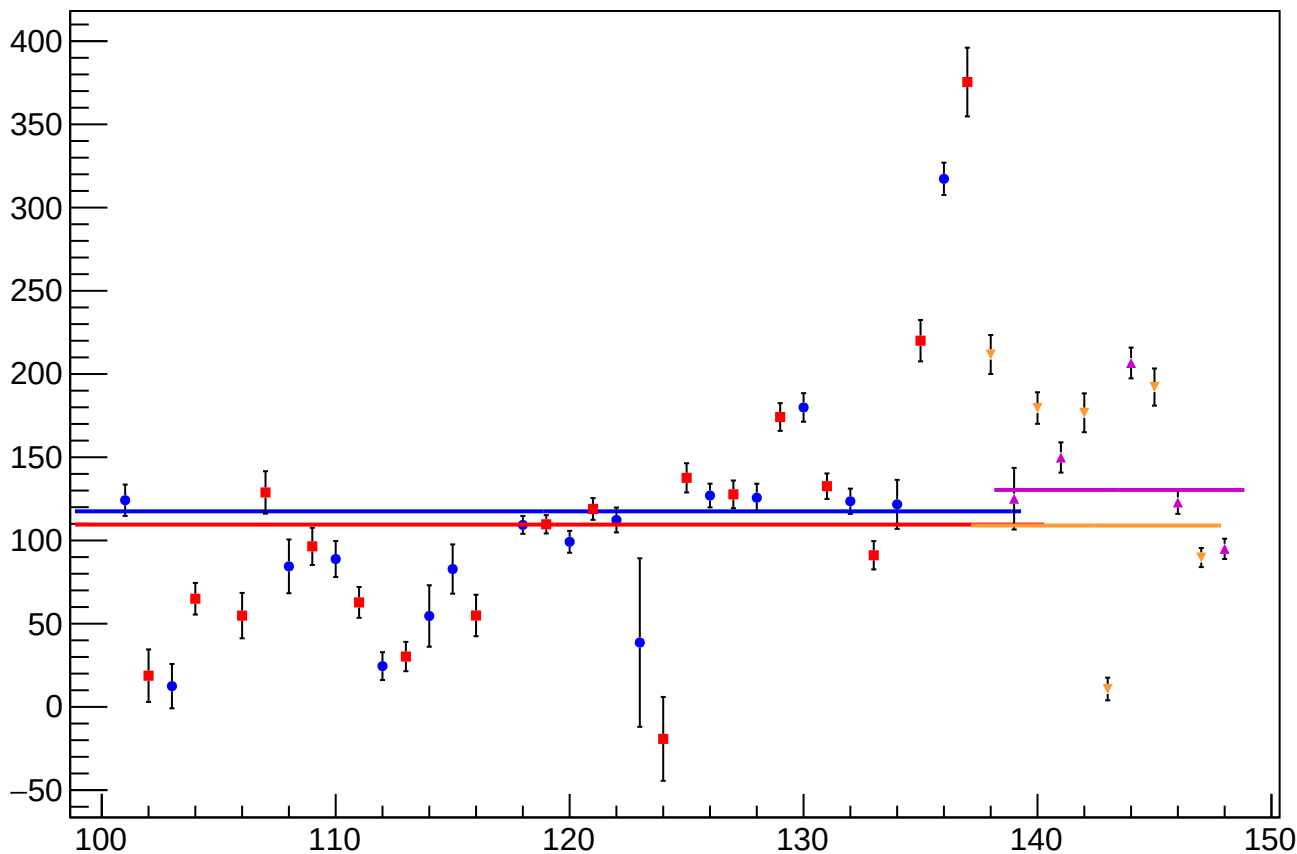
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 487.272+/-2.826 χ^2/NDF : 1818.2/21

Out: 432.285+/-2.716 χ^2/NDF : 5845.0/23

All: 458.686+/-1.958 χ^2/NDF : 7859.9/45

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 109.000 $\pm$ 3.417 χ^2 /NDF:440.7/5

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 130.357 $\pm$ 3.653 χ^2 /NDF:107.7/4

Left: 118.965 $\pm$ 2.495 χ^2 /NDF: 566.6/10

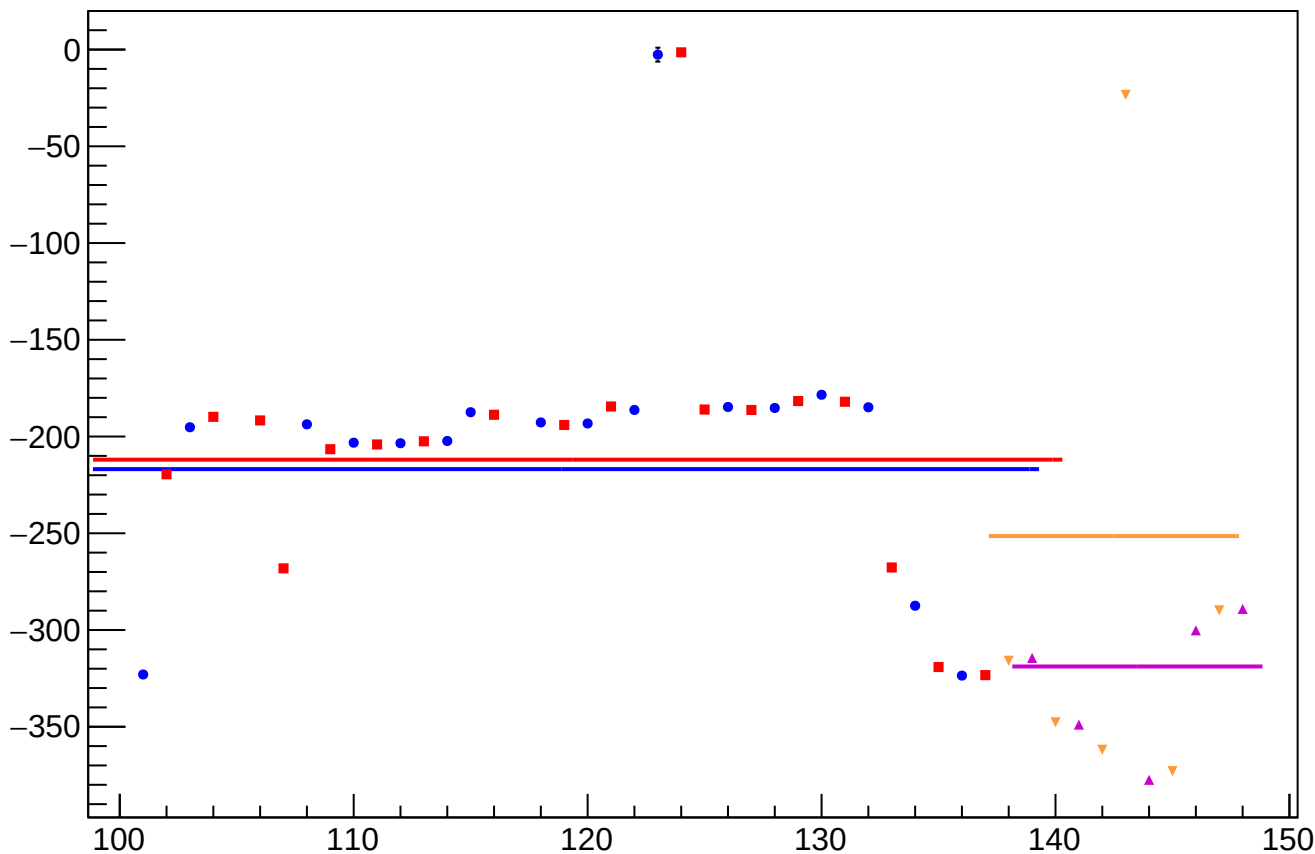
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 120.918 $\pm$ 1.883 χ^2 /NDF:822.7/21

Out: 109.378 $\pm$ 1.855 χ^2 /NDF:1002.9/23

All: 115.060 $\pm$ 1.321 χ^2 /NDF: 1844.7/45

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -251.453+/-0.178 χ^2/NDF : 587446.9/5

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -318.847+/-0.188 χ^2/NDF : 26425.9/4

Left: -283.433+/-0.129 χ^2/NDF : 681572.2/10

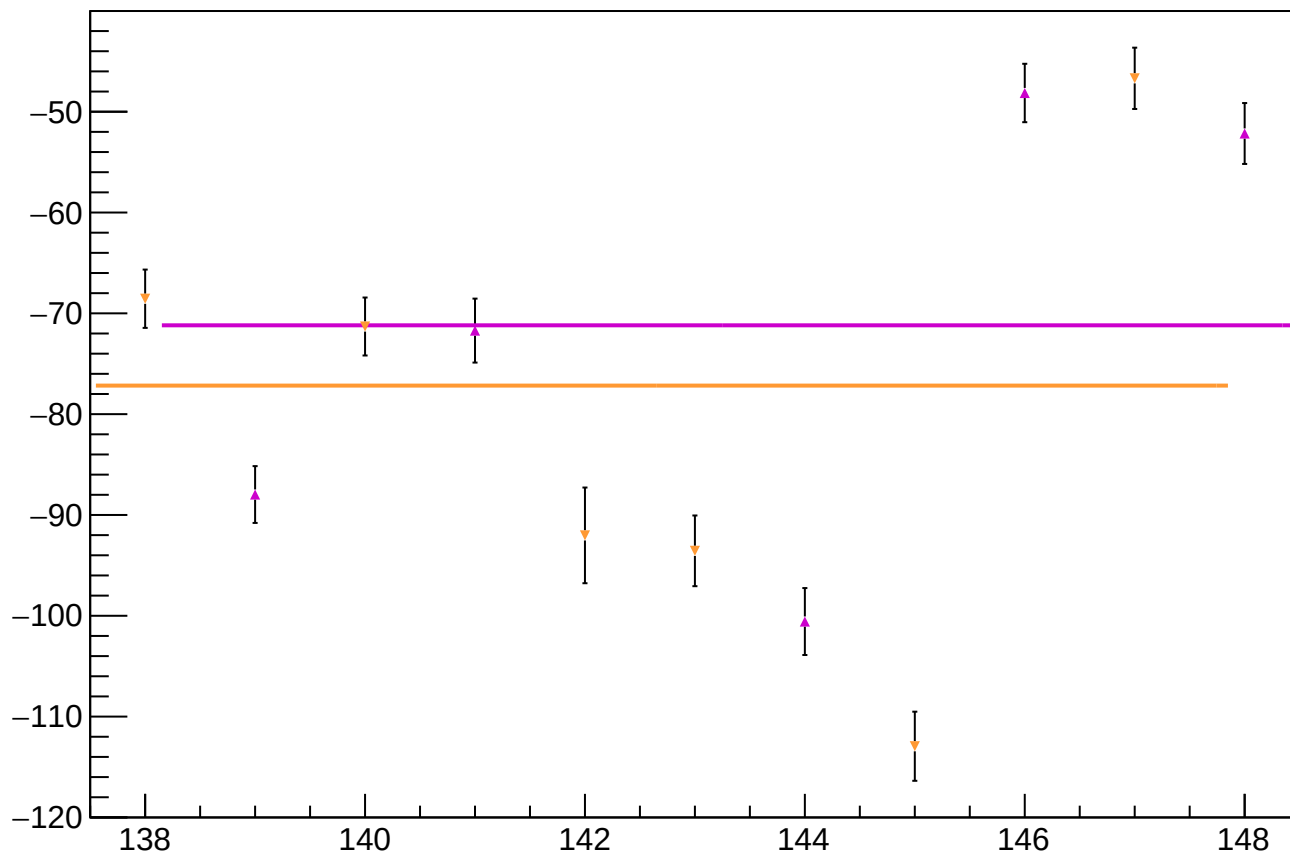
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -251.903+/-0.110 χ^2/NDF : 367021.9/21

Out: -225.746+/-0.105 χ^2/NDF : 731428.4/23

All: -238.260+/-0.076 χ^2/NDF : 1127907.3/45

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.167+/-1.337 χ^2/NDF :254.1/5

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: -74.217+/-0.952 χ^2/NDF : 480.7/10

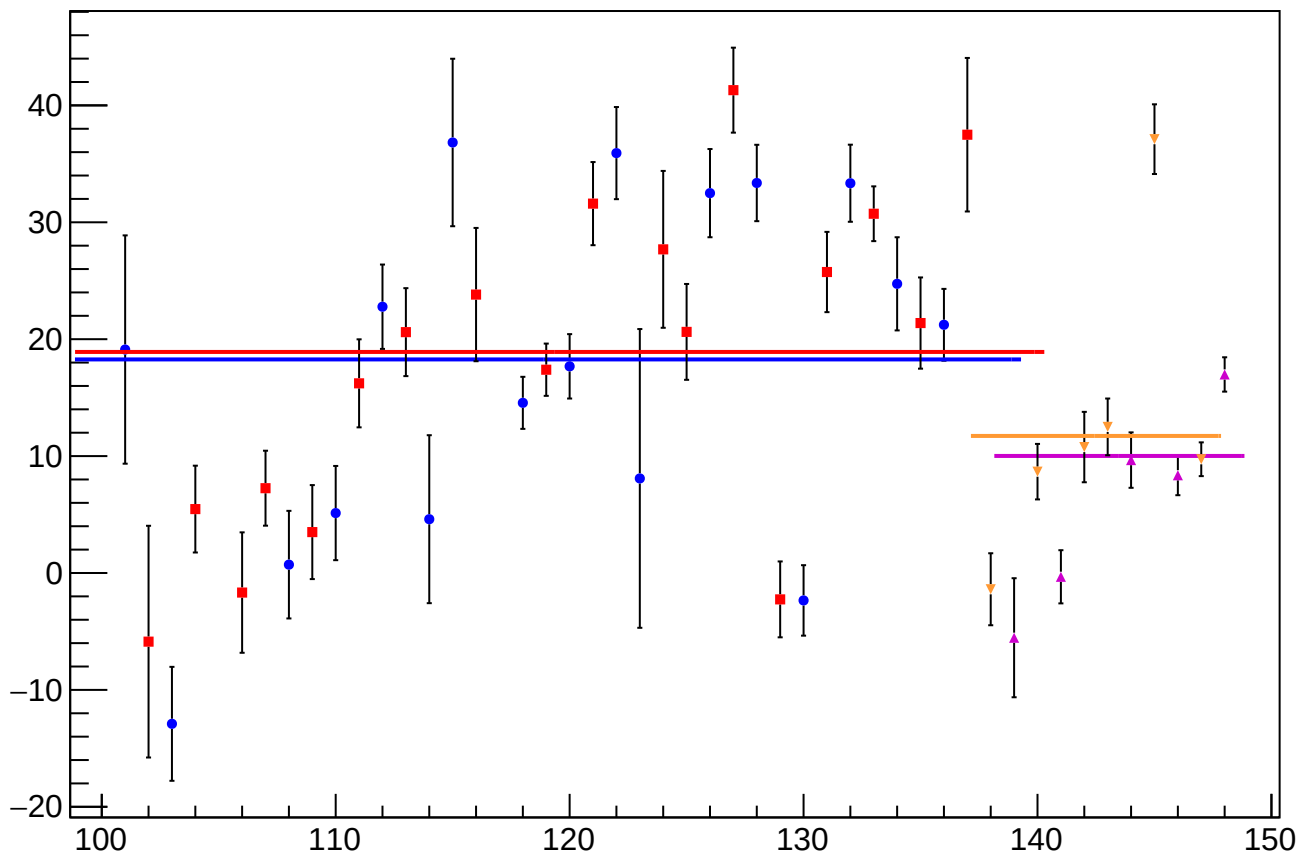
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.188+/-1.355 χ^2/NDF :216.8/4

Out: -77.167+/-1.337 χ^2/NDF :254.1/5

All: -74.217+/-0.952 χ^2/NDF : 480.7/10

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 11.725 ± 0.931 $\chi^2/\text{NDF}: 94.4/5$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 10.013 ± 0.907 $\chi^2/\text{NDF}: 53.4/4$

Left: 10.847 ± 0.649 $\chi^2/\text{NDF}: 149.6/10$

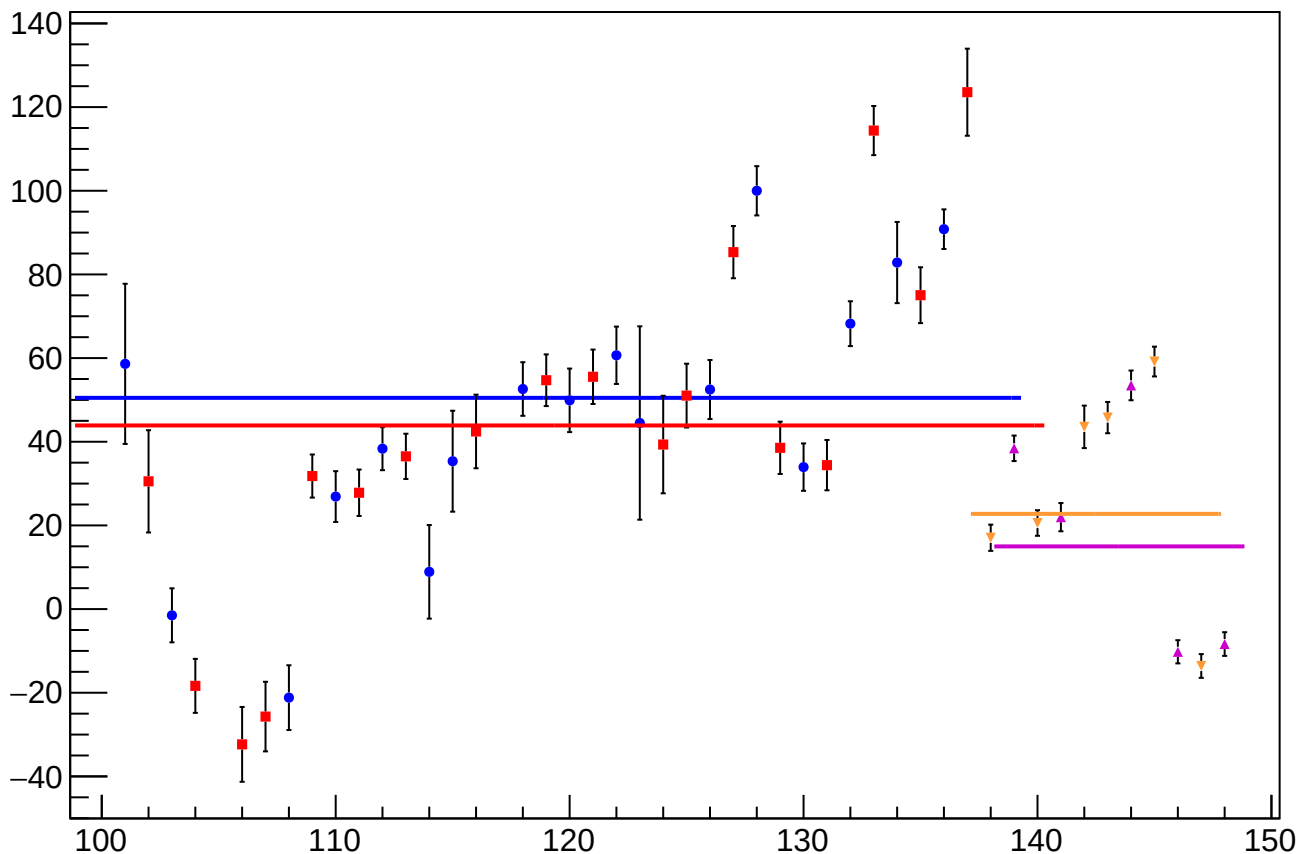
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 14.141 ± 0.641 $\chi^2/\text{NDF}: 303.2/21$

Out: 15.582 ± 0.633 $\chi^2/\text{NDF}: 324.5/23$

All: 14.870 ± 0.451 $\chi^2/\text{NDF}: 630.3/45$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 22.759 $\pm$ 1.385 χ^2 /NDF:327.1/5

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 14.981 $\pm$ 1.374 χ^2 /NDF:331.4/4

Left: 18.840 $\pm$ 0.975 χ^2 /NDF: 674.4/10

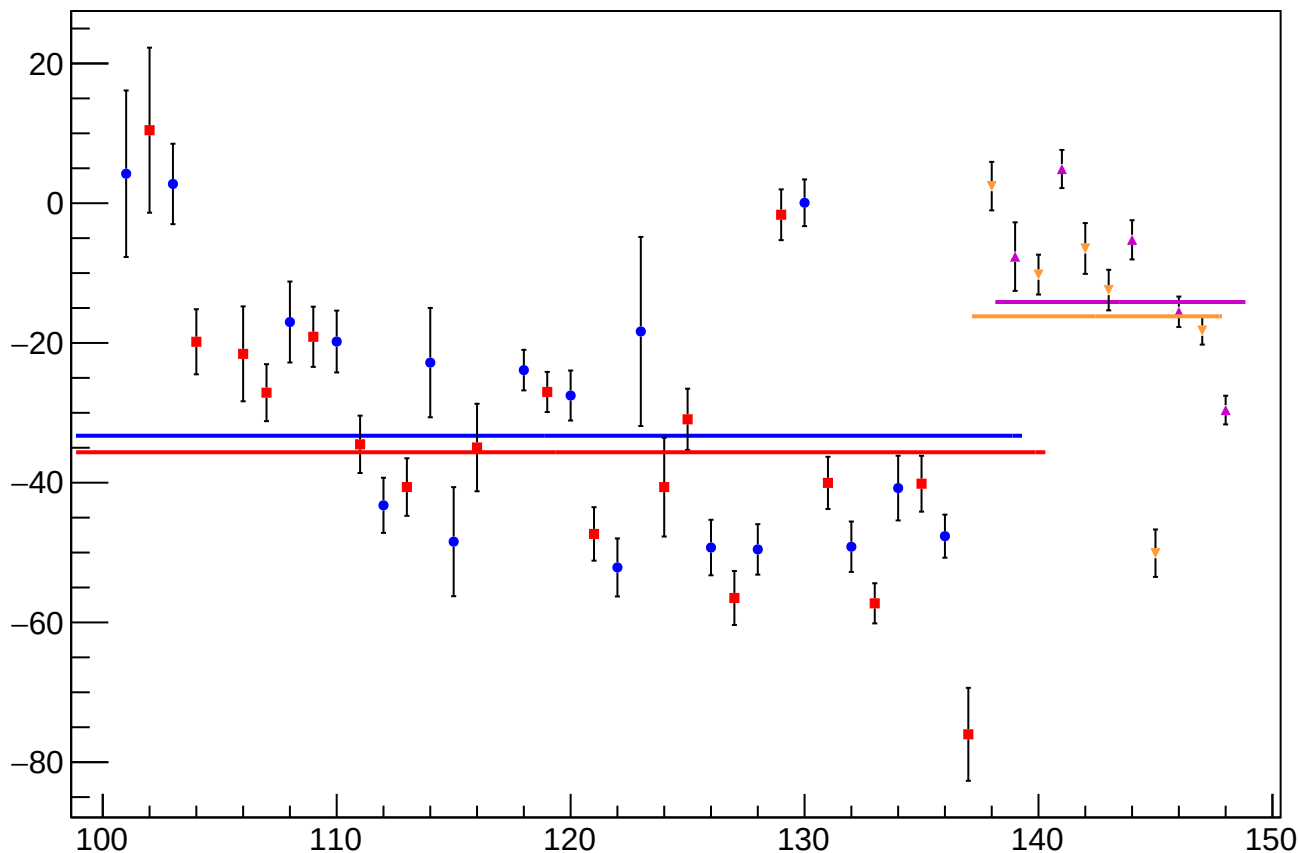
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 29.311 $\pm$ 1.061 χ^2 /NDF:964.2/21

Out: 31.787 $\pm$ 1.048 χ^2 /NDF:958.3/23

All: 30.565 $\pm$ 0.746 χ^2 /NDF: 1925.2/45

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.187 ± 1.163 $\chi^2/\text{NDF}: 142.7/5$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -14.141 ± 1.154 $\chi^2/\text{NDF}: 117.6/4$

Left: -15.157 ± 0.819 $\chi^2/\text{NDF}: 261.9/10$

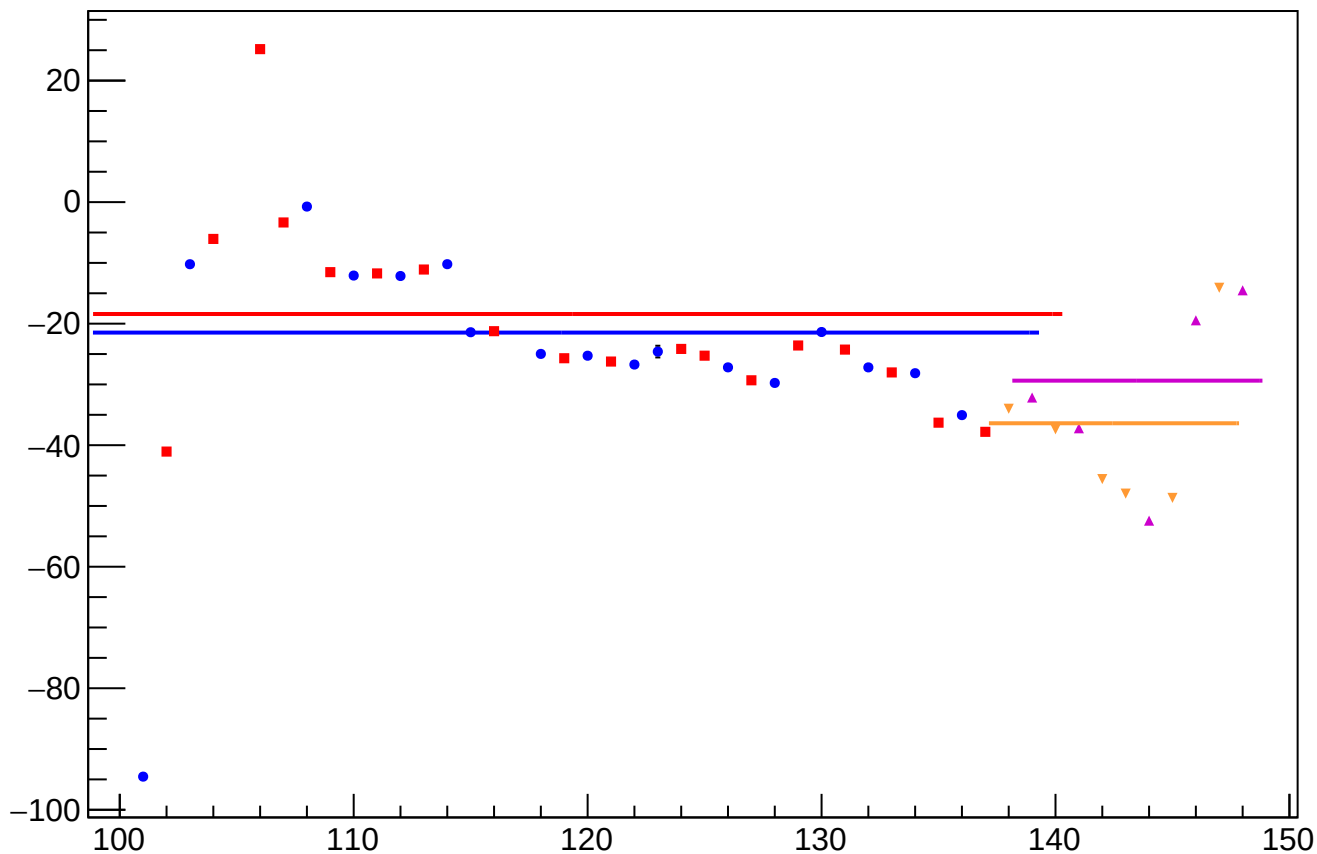
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -24.754 ± 0.771 $\chi^2/\text{NDF}: 562.9/21$

Out: -27.440 ± 0.755 $\chi^2/\text{NDF}: 589.2/23$

All: -26.125 ± 0.539 $\chi^2/\text{NDF}: 1158.4/45$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -36.392 ± 0.058 χ^2/NDF : 43963.5/5

Right Out: -18.411 ± 0.057 χ^2/NDF : 77587.3/17

Left In: -29.378 ± 0.057 χ^2/NDF : 47093.0/4

Left: -32.811 ± 0.040 χ^2/NDF : 98551.2/10

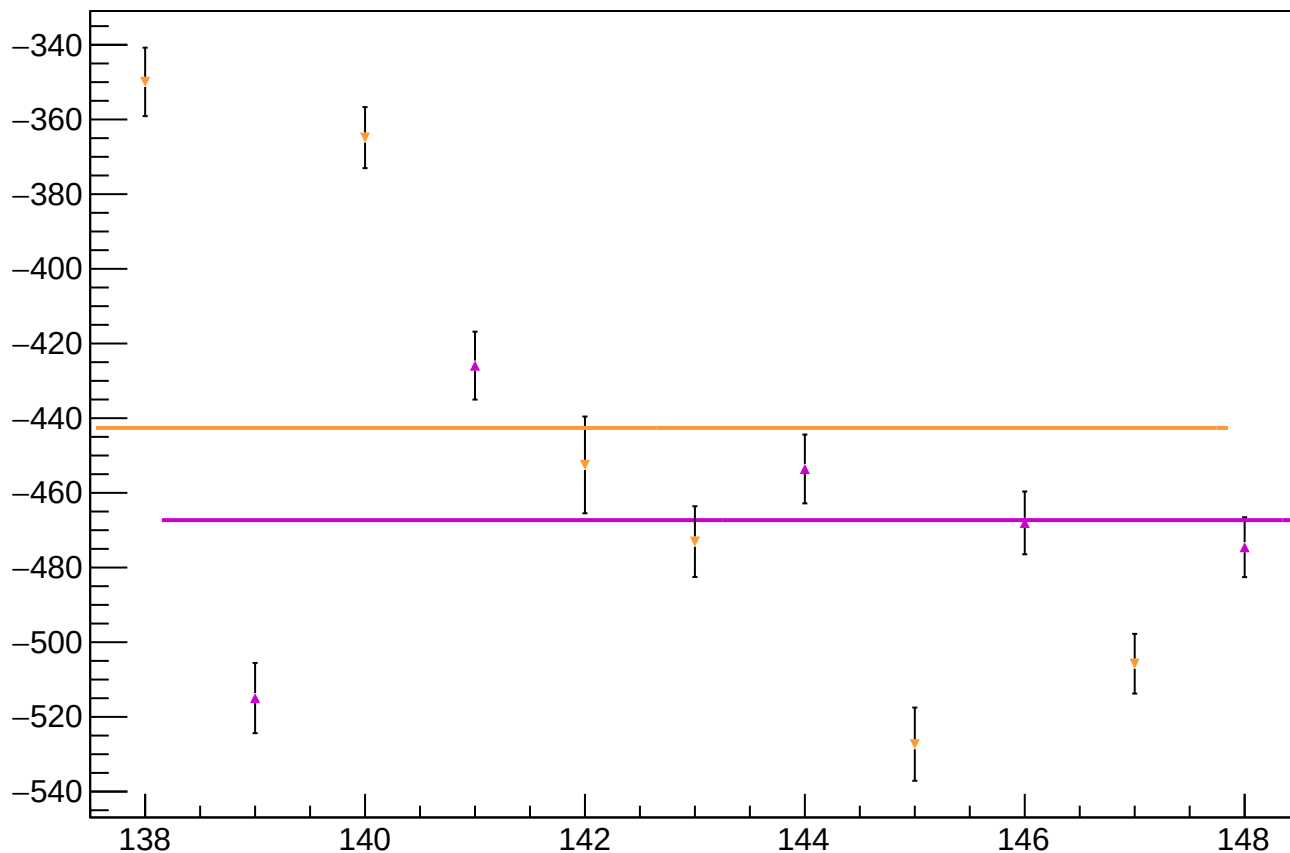
Right: -19.904 ± 0.041 χ^2/NDF : 127953.4/34

In: -25.565 ± 0.041 χ^2/NDF : 105461.9/21

Out: -27.323 ± 0.041 χ^2/NDF : 170217.0/23

All: -26.444 ± 0.029 χ^2/NDF : 276608.4/45

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -442.611+/-3.779 χ^2/NDF :340.6/5

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: -454.486+/-2.723 χ^2/NDF : 410.5/10

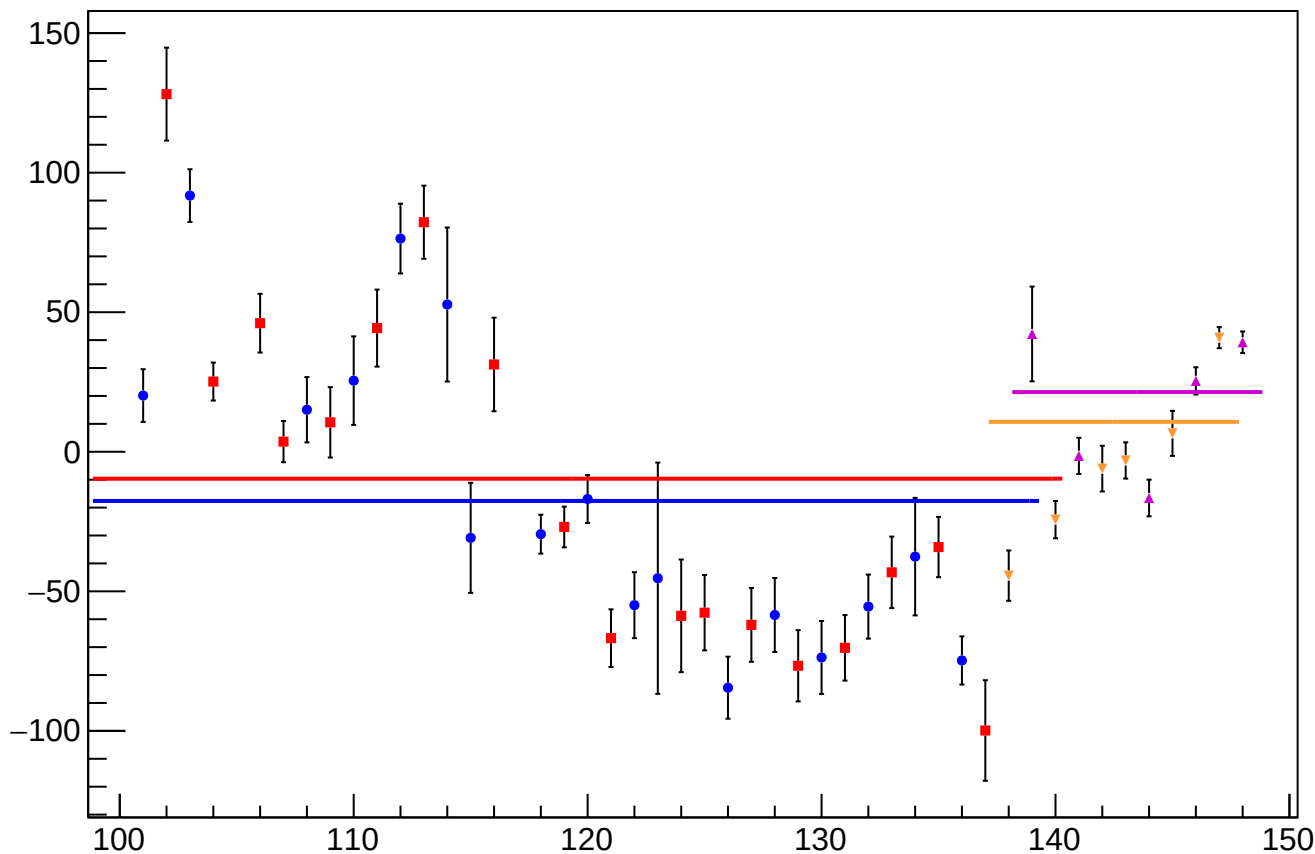
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.305+/-3.927 χ^2/NDF :49.4/4

Out: -442.611+/-3.779 χ^2/NDF :340.6/5

All: -454.486+/-2.723 χ^2/NDF : 410.5/10

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 10.714 ± 2.513 $\chi^2/\text{NDF}: 137.3/5$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 21.385 ± 2.509 $\chi^2/\text{NDF}: 69.1/4$

Left: 16.056 ± 1.776 $\chi^2/\text{NDF}: 215.4/10$

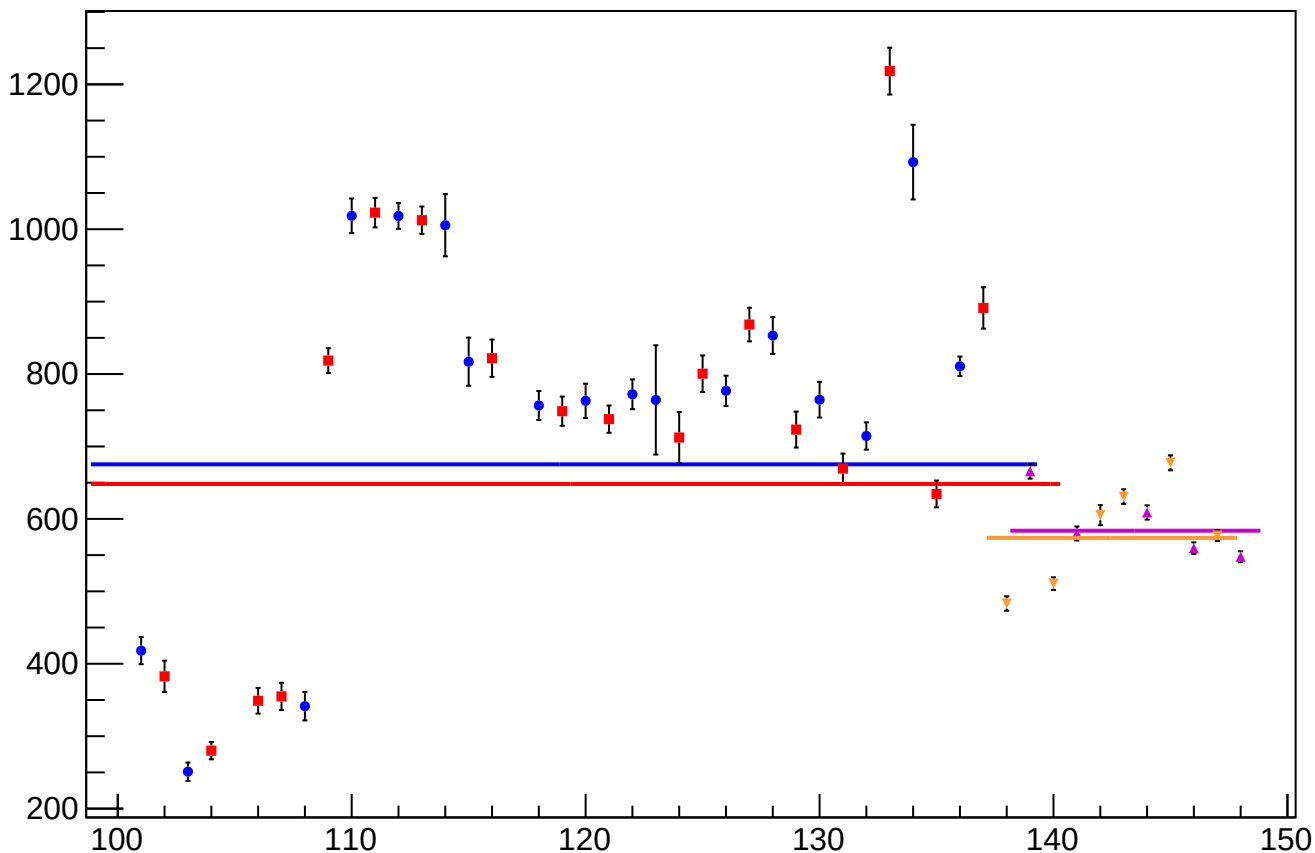
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 3.916 ± 1.865 $\chi^2/\text{NDF}: 539.3/21$

Out: 0.933 ± 1.811 $\chi^2/\text{NDF}: 529.5/23$

All: 2.381 ± 1.299 $\chi^2/\text{NDF}: 1070.1/45$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 573.754 ± 3.904 $\chi^2/\text{NDF}: 273.3/5$

Right Out: 648.229 ± 4.775 $\chi^2/\text{NDF}: 3059.0/17$

Left In: 583.688 ± 3.958 $\chi^2/\text{NDF}: 103.6/4$

Left: 578.652 ± 2.779 $\chi^2/\text{NDF}: 380.2/10$

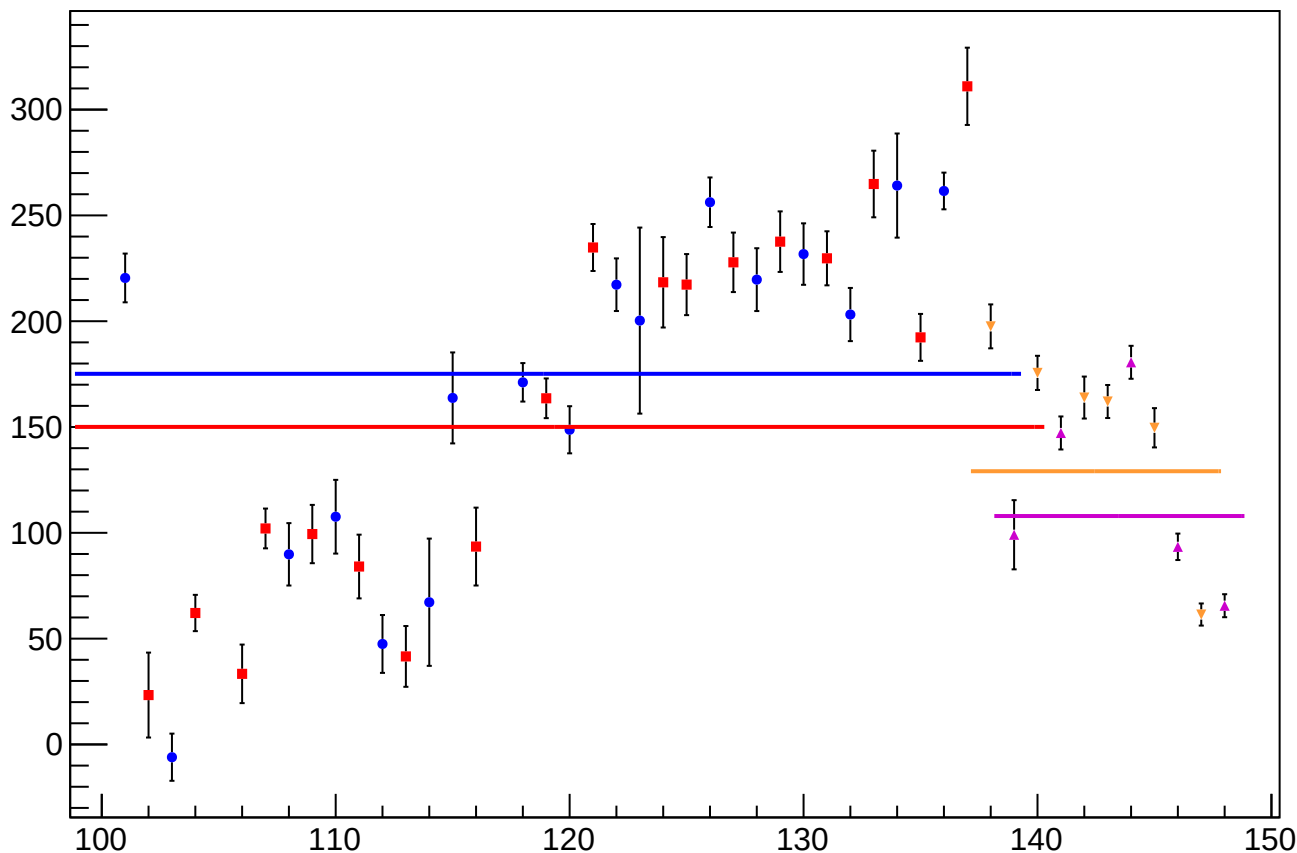
Right: 661.037 ± 3.468 $\chi^2/\text{NDF}: 5656.9/34$

In: 618.601 ± 3.114 $\chi^2/\text{NDF}: 2890.6/21$

Out: 603.593 ± 3.022 $\chi^2/\text{NDF}: 3478.1/23$

All: 610.872 ± 2.169 $\chi^2/\text{NDF}: 6380.7/45$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 129.111 $\pm$ 3.172 χ^2 /NDF:279.5/5

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 107.940 $\pm$ 3.225 χ^2 /NDF:178.8/4

Left: 118.702 $\pm$ 2.261 χ^2 /NDF: 480.2/10

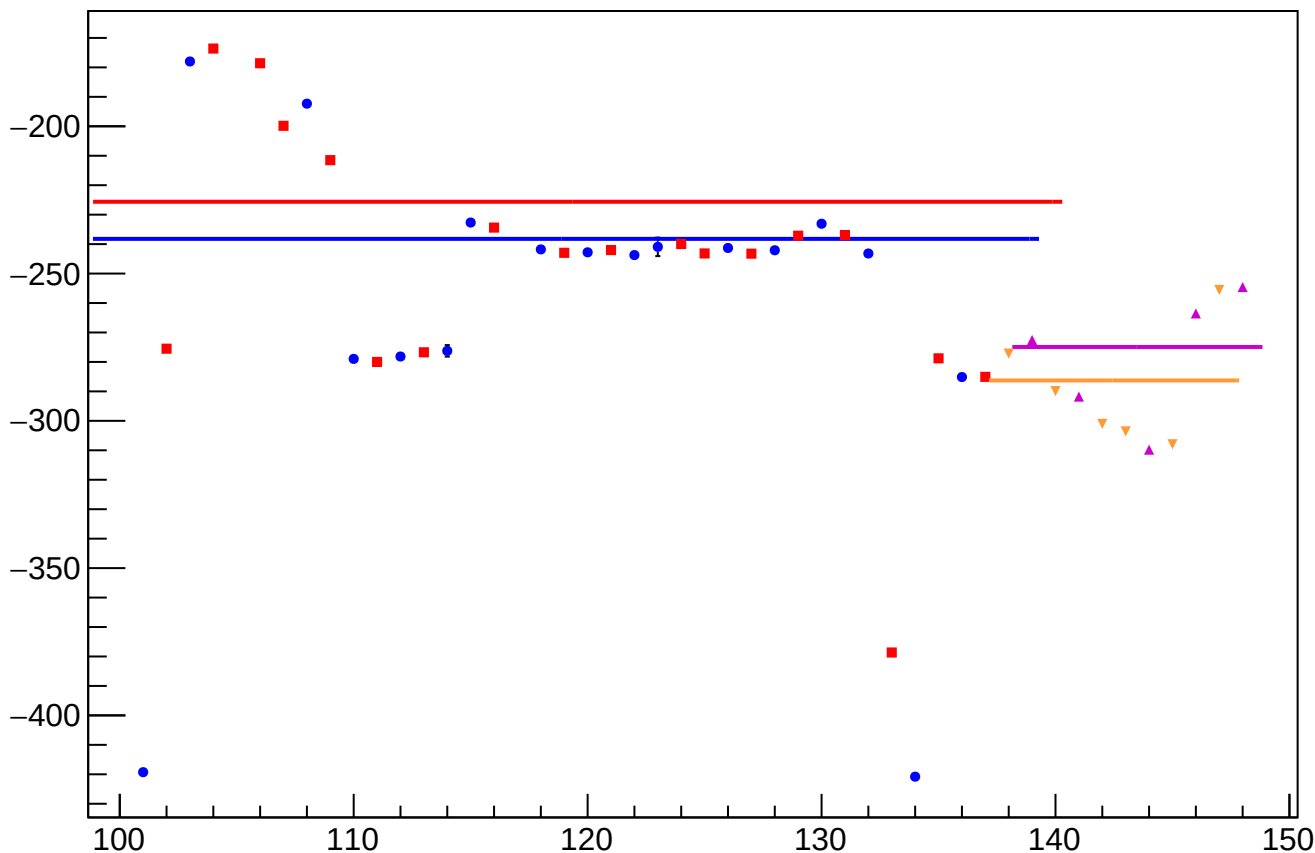
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 141.707 $\pm$ 2.275 χ^2 /NDF:1032.6/21

Out: 140.008 $\pm$ 2.197 χ^2 /NDF:988.4/23

All: 140.828 $\pm$ 1.580 χ^2 /NDF: 2021.3/45

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -286.281+/-0.165 χ^2/NDF :13571.5/5

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -274.923+/-0.165 χ^2/NDF :13376.5/4

Left: -280.607+/-0.117 χ^2/NDF : 29308.2/10

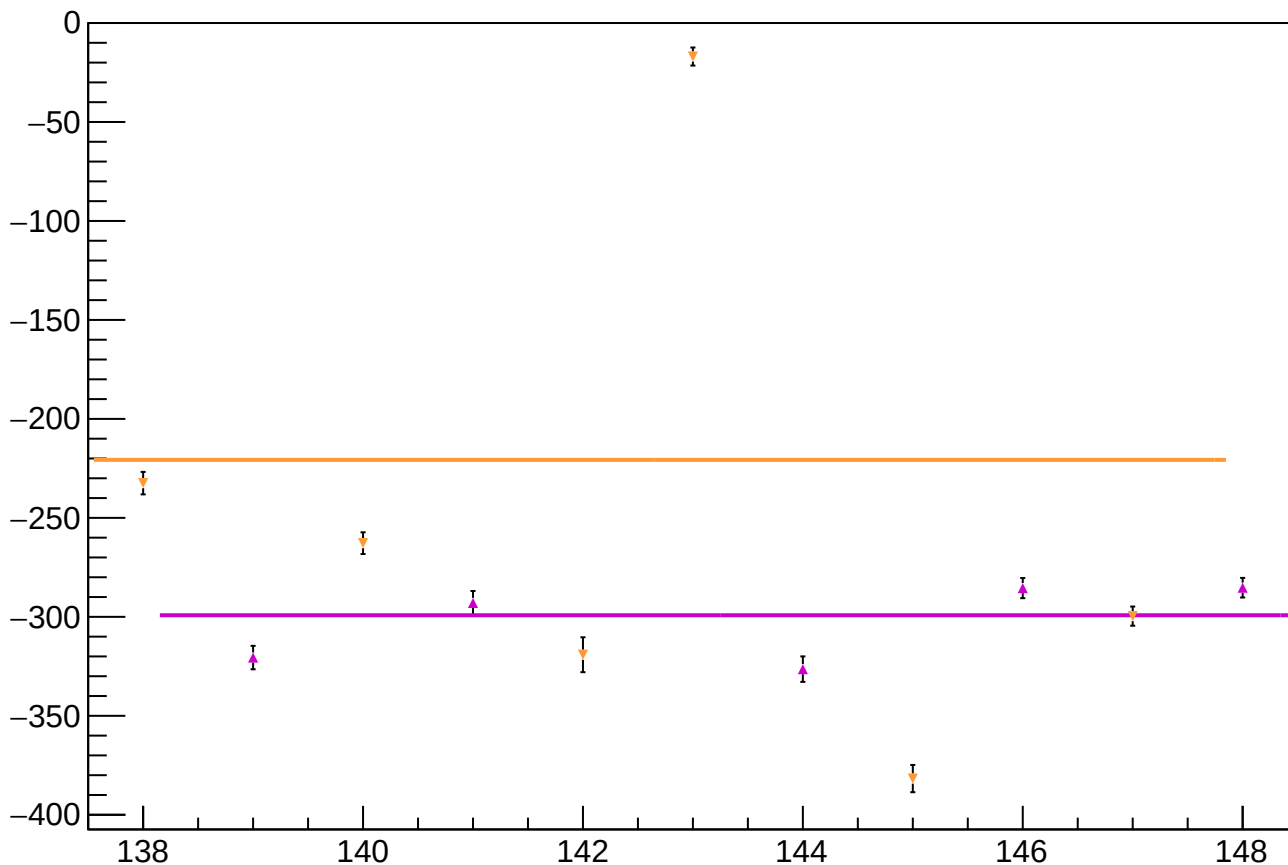
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -255.969+/-0.115 χ^2/NDF :205909.1/21

Out: -253.339+/-0.112 χ^2/NDF :182201.1/23

All: -254.616+/-0.080 χ^2/NDF : 388379.2/45

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -220.686 ± 2.302 χ^2/NDF : 2993.6/5

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: -256.655 ± 1.694 χ^2/NDF : 3573.6/10

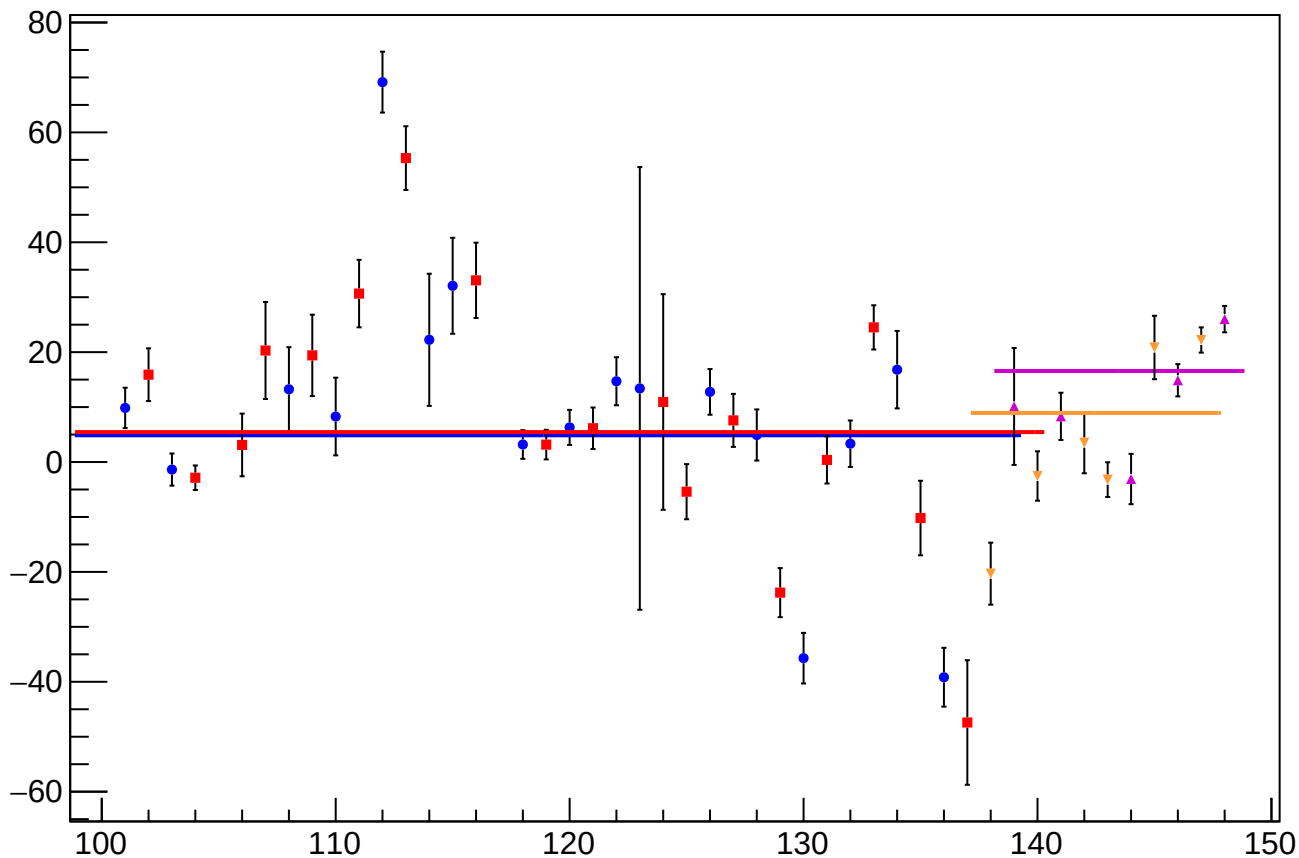
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -299.190 ± 2.503 χ^2/NDF : 47.2/4

Out: -220.686 ± 2.302 χ^2/NDF : 2993.6/5

All: -256.655 ± 1.694 χ^2/NDF : 3573.6/10

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 8.943 ± 1.520 $\chi^2/\text{NDF}: 86.8/5$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 16.574 ± 1.581 $\chi^2/\text{NDF}: 38.3/4$

Left: 12.609 ± 1.096 $\chi^2/\text{NDF}: 137.2/10$

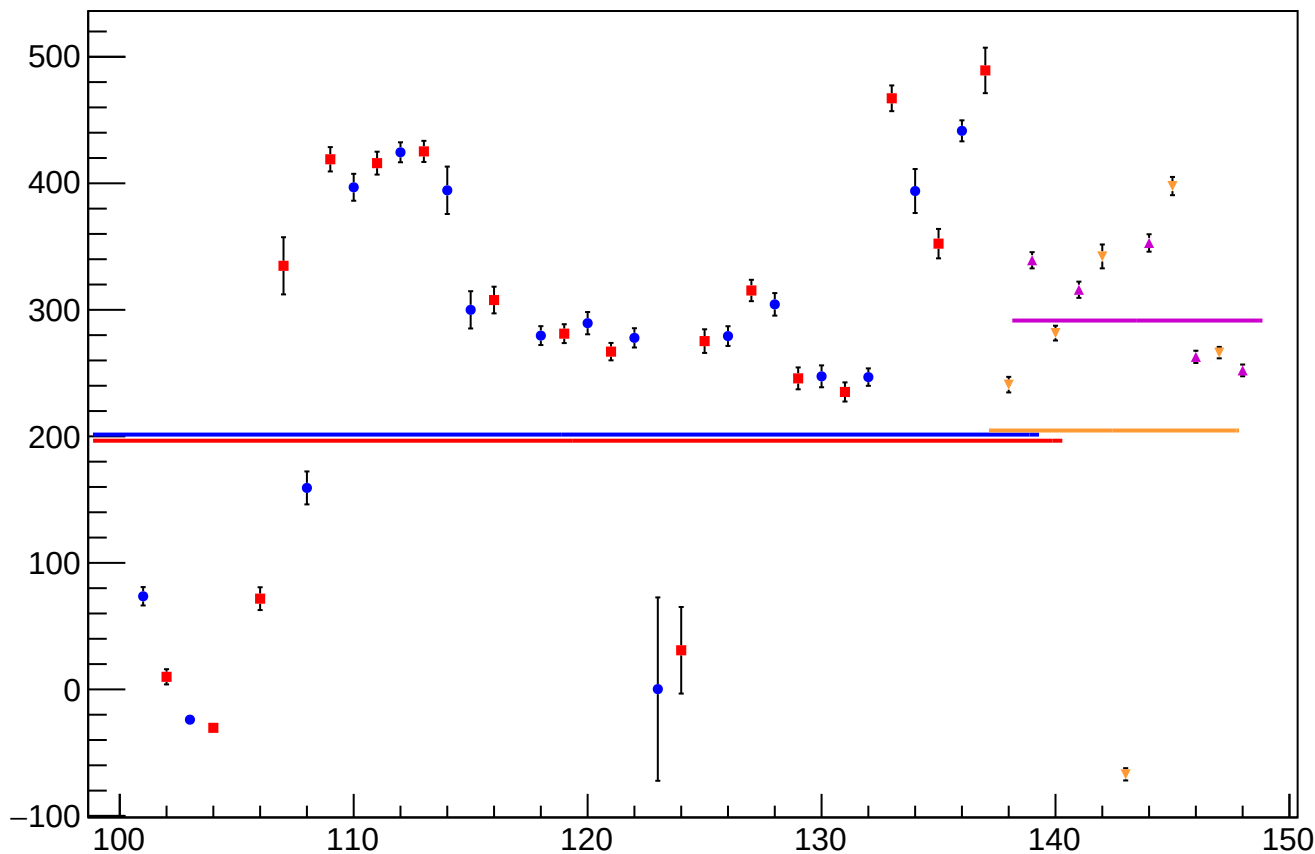
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 8.645 ± 0.898 $\chi^2/\text{NDF}: 387.0/21$

Out: 6.609 ± 0.876 $\chi^2/\text{NDF}: 321.9/23$

All: 7.601 ± 0.627 $\chi^2/\text{NDF}: 711.5/45$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 204.622 $\pm$ 2.376 χ^2 /NDF:4438.7/5

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 291.539 $\pm$ 2.511 χ^2 /NDF:255.9/4

Left: 245.676 $\pm$ 1.726 χ^2 /NDF: 5326.6/10

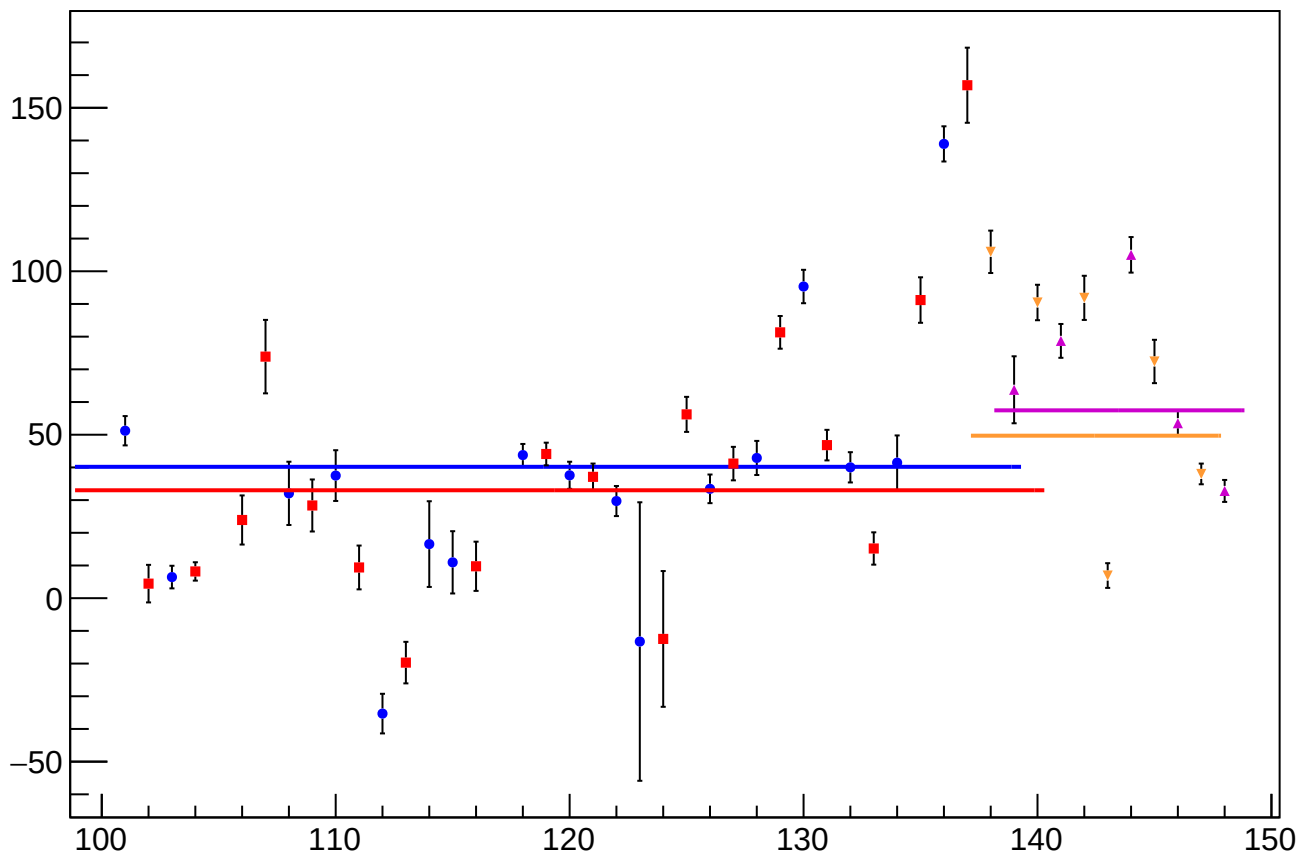
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 235.818 $\pm$ 1.552 χ^2 /NDF:7792.6/21

Out: 199.770 $\pm$ 1.499 χ^2 /NDF:12623.7/23

All: 217.166 $\pm$ 1.078 χ^2 /NDF: 20695.5/45

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 49.705 ± 1.916 $\chi^2/\text{NDF}: 324.2/5$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 57.457 ± 2.042 $\chi^2/\text{NDF}: 148.7/4$

Left: 53.336 ± 1.397 $\chi^2/\text{NDF}: 480.5/10$

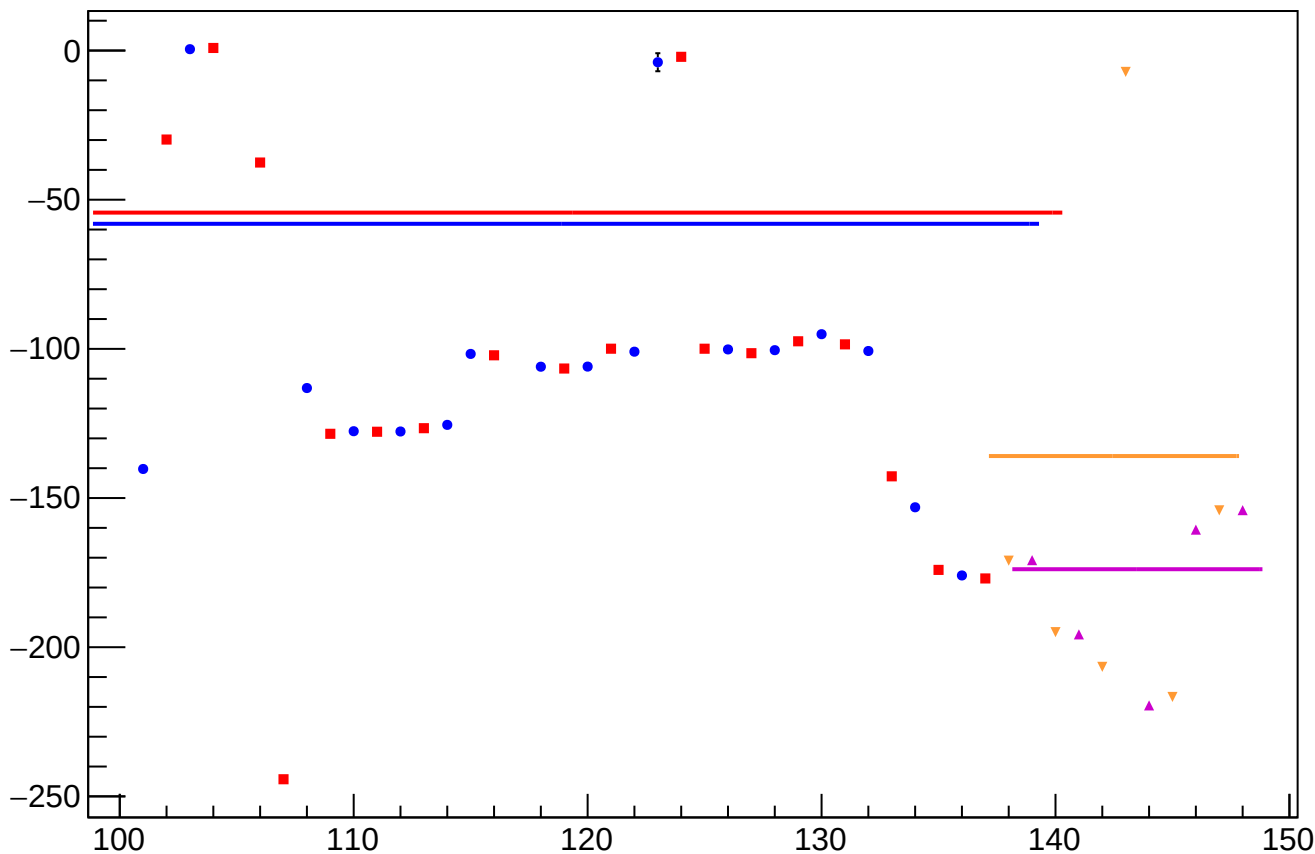
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 45.001 ± 1.078 $\chi^2/\text{NDF}: 934.3/21$

Out: 38.008 ± 1.049 $\chi^2/\text{NDF}: 924.5/23$

All: 41.407 ± 0.752 $\chi^2/\text{NDF}: 1880.4/45$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -135.923 $\pm$ 0.100 χ^2 /NDF: 630569.1/5

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -173.858 $\pm$ 0.105 χ^2 /NDF: 43546.7/4

Left: -154.009 $\pm$ 0.073 χ^2 /NDF: 742413.2/10

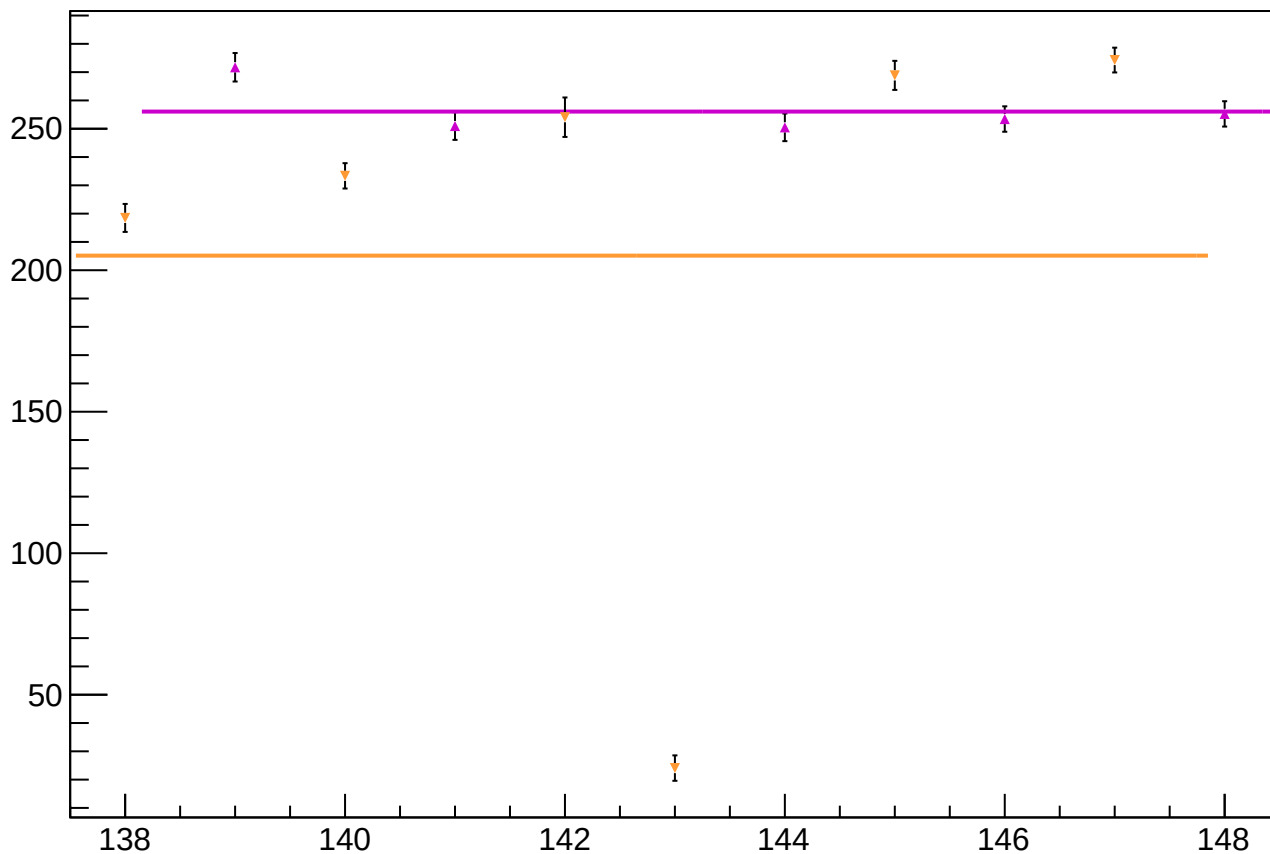
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -87.737 $\pm$ 0.053 χ^2 /NDF: 2052384.8/21

Out: -76.083 $\pm$ 0.052 χ^2 /NDF: 2107716.1/23

All: -81.756 $\pm$ 0.037 χ^2 /NDF: 4184779.7/45

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.159+/-1.996 χ^2/NDF :2124.5/5

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: 229.080+/-1.453 χ^2/NDF : 2442.5/10

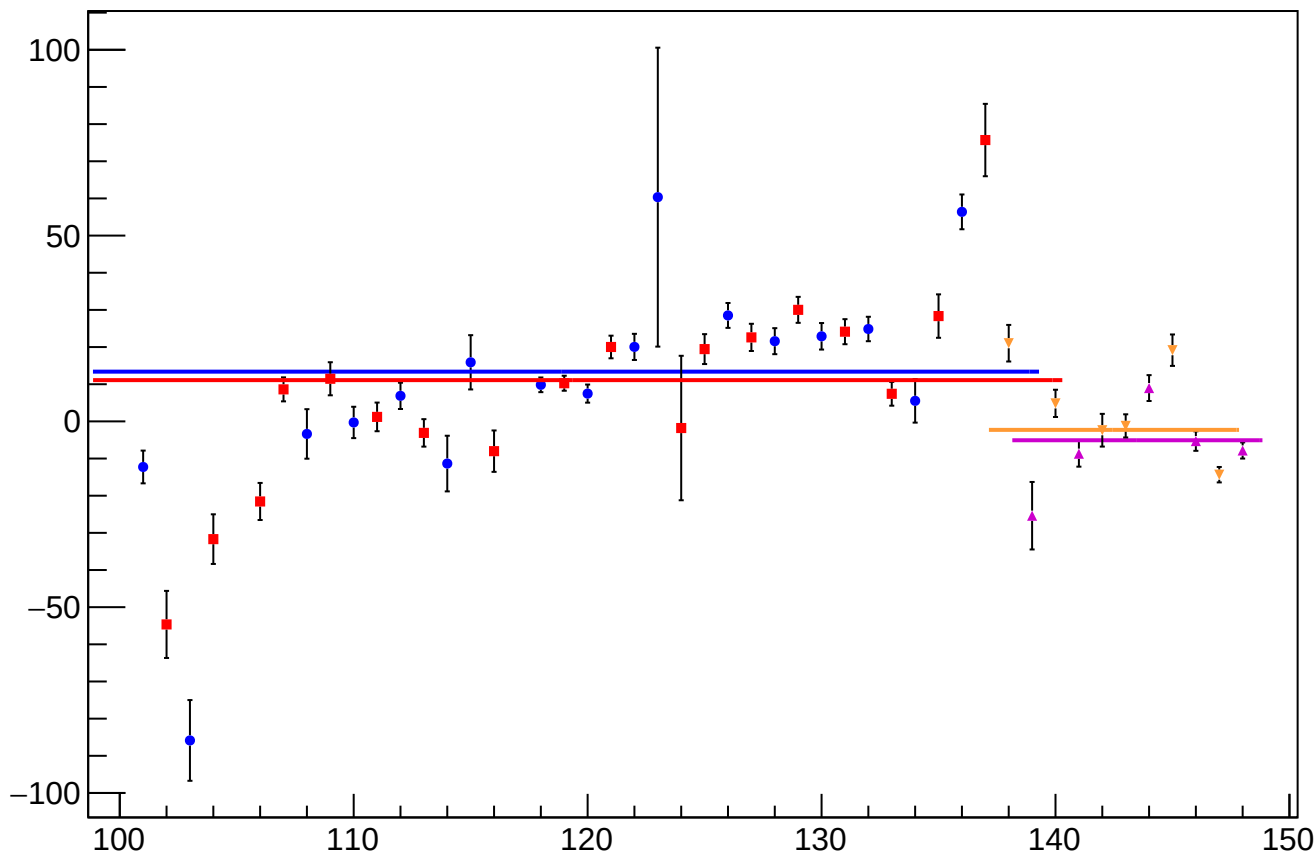
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.063+/-2.120 χ^2/NDF :12.4/4

Out: 205.159+/-1.996 χ^2/NDF :2124.5/5

All: 229.080+/-1.453 χ^2/NDF : 2442.5/10

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: -2.285 $\pm$ 1.339 χ^2 /NDF:85.8/5

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: -5.080 $\pm$ 1.368 χ^2 /NDF:24.0/4

Left: -3.652 $\pm$ 0.957 χ^2 /NDF: 111.9/10

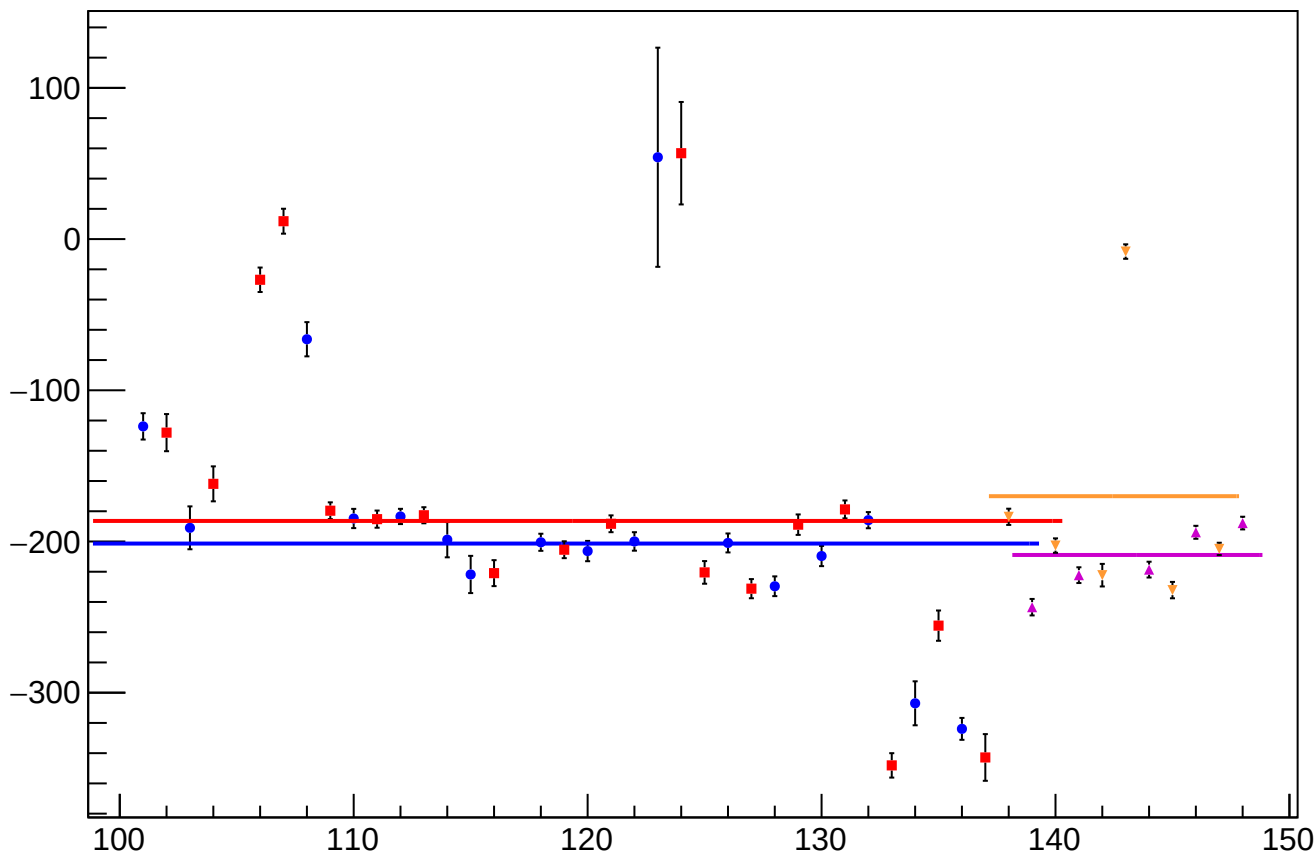
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 7.626 $\pm$ 0.764 χ^2 /NDF:443.4/21

Out: 6.835 $\pm$ 0.756 χ^2 /NDF:446.2/23

All: 7.226 $\pm$ 0.537 χ^2 /NDF: 890.1/45

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -170.042 ± 2.067 χ^2/NDF : 1446.7/5

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -208.915 ± 2.141 χ^2/NDF : 87.6/4

Left: -188.793 ± 1.487 χ^2/NDF : 1705.0/10

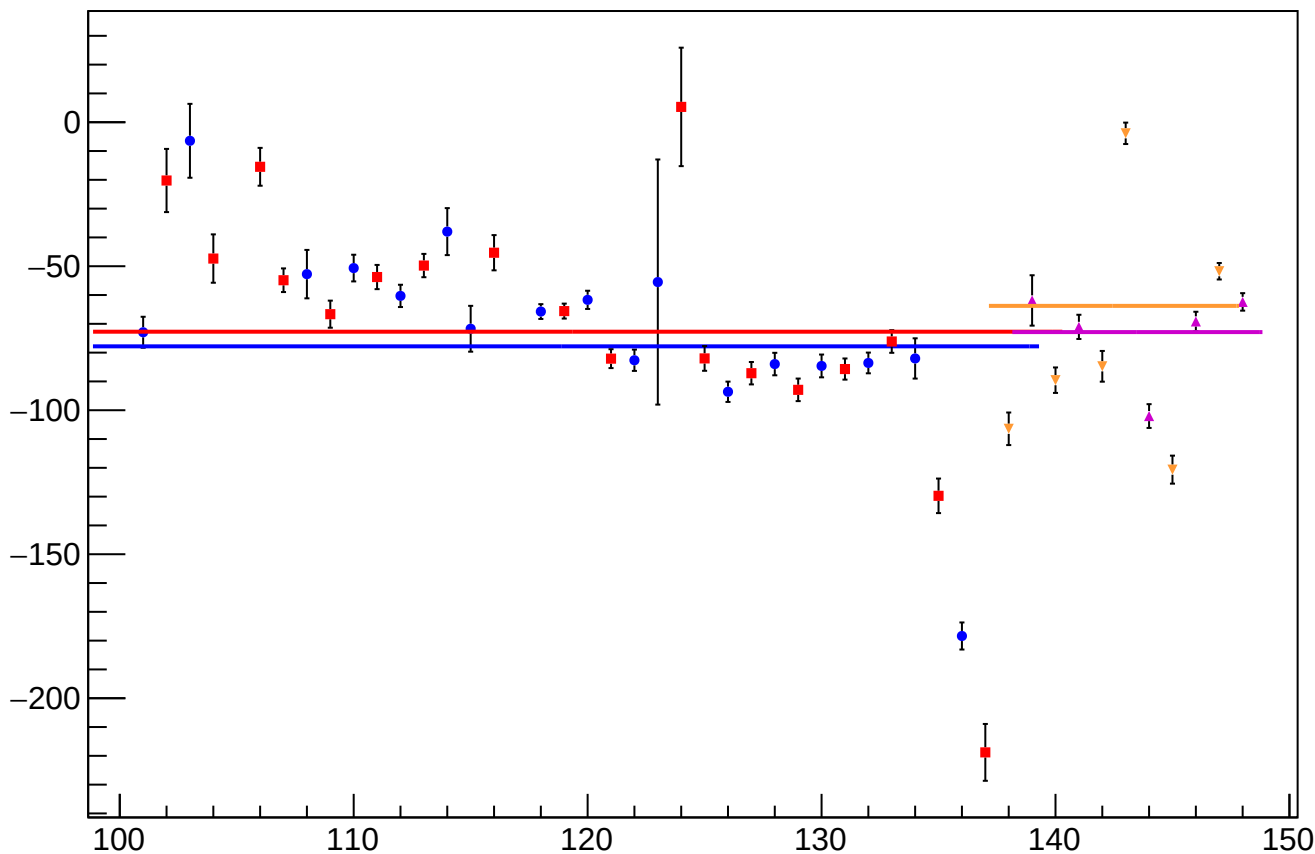
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -204.460 ± 1.370 χ^2/NDF : 720.0/21

Out: -179.788 ± 1.314 χ^2/NDF : 3183.5/23

All: -191.610 ± 0.949 χ^2/NDF : 4072.2/45

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -68.126 ± 1.213 $\chi^2/\text{NDF}: 599.1/10$

Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -76.478 ± 0.912 $\chi^2/\text{NDF}: 726.9/21$

Out: -70.203 ± 0.893 $\chi^2/\text{NDF}: 1139.7/23$

All: -73.273 ± 0.638 $\chi^2/\text{NDF}: 1890.8/45$

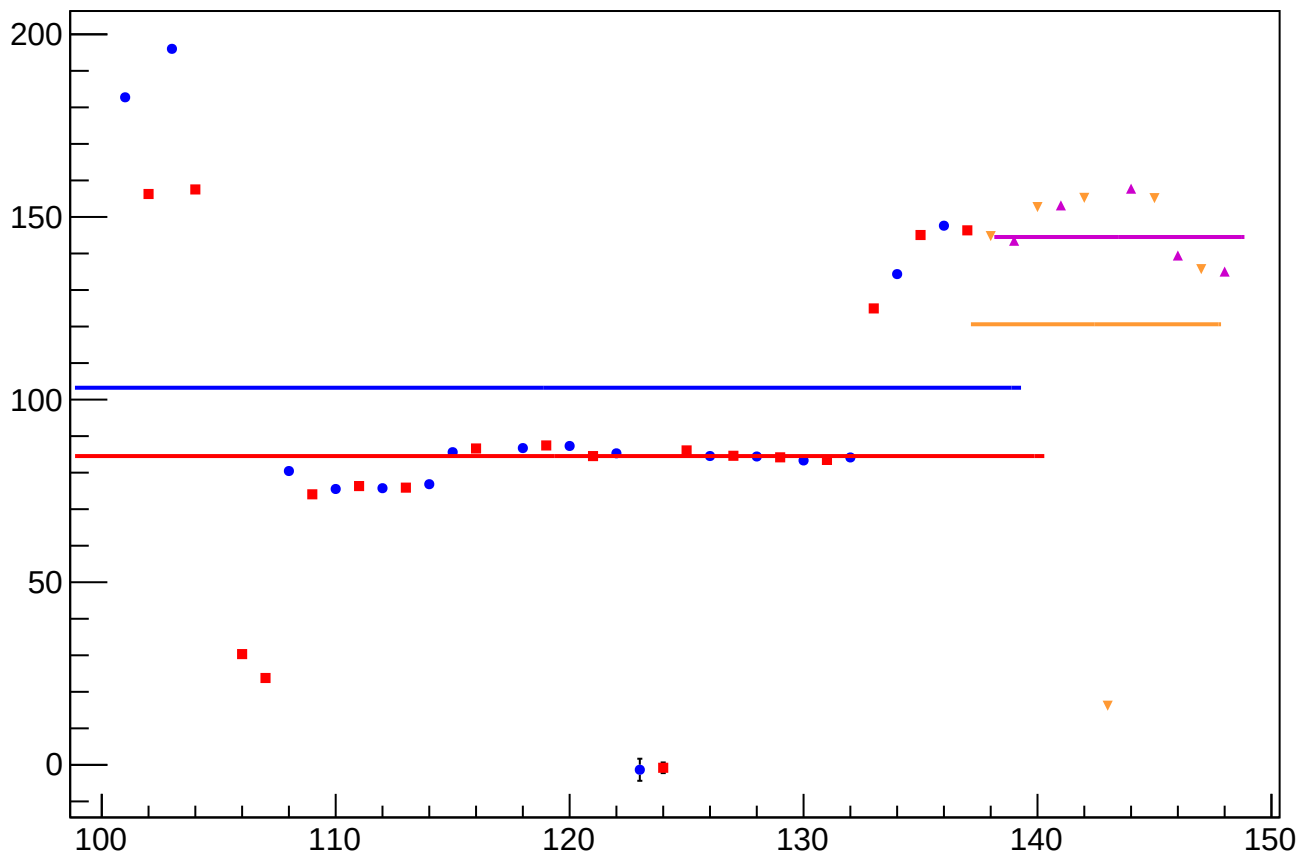
Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -63.766 ± 1.680 $\chi^2/\text{NDF}: 520.3/5$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -72.870 ± 1.753 $\chi^2/\text{NDF}: 64.8/4$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 120.622 $\pm$ 0.087 χ^2 /NDF: 377272.2/5

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 144.514 $\pm$ 0.089 χ^2 /NDF: 8497.4/4

Left: 132.230 $\pm$ 0.062 χ^2 /NDF: 422468.5/10

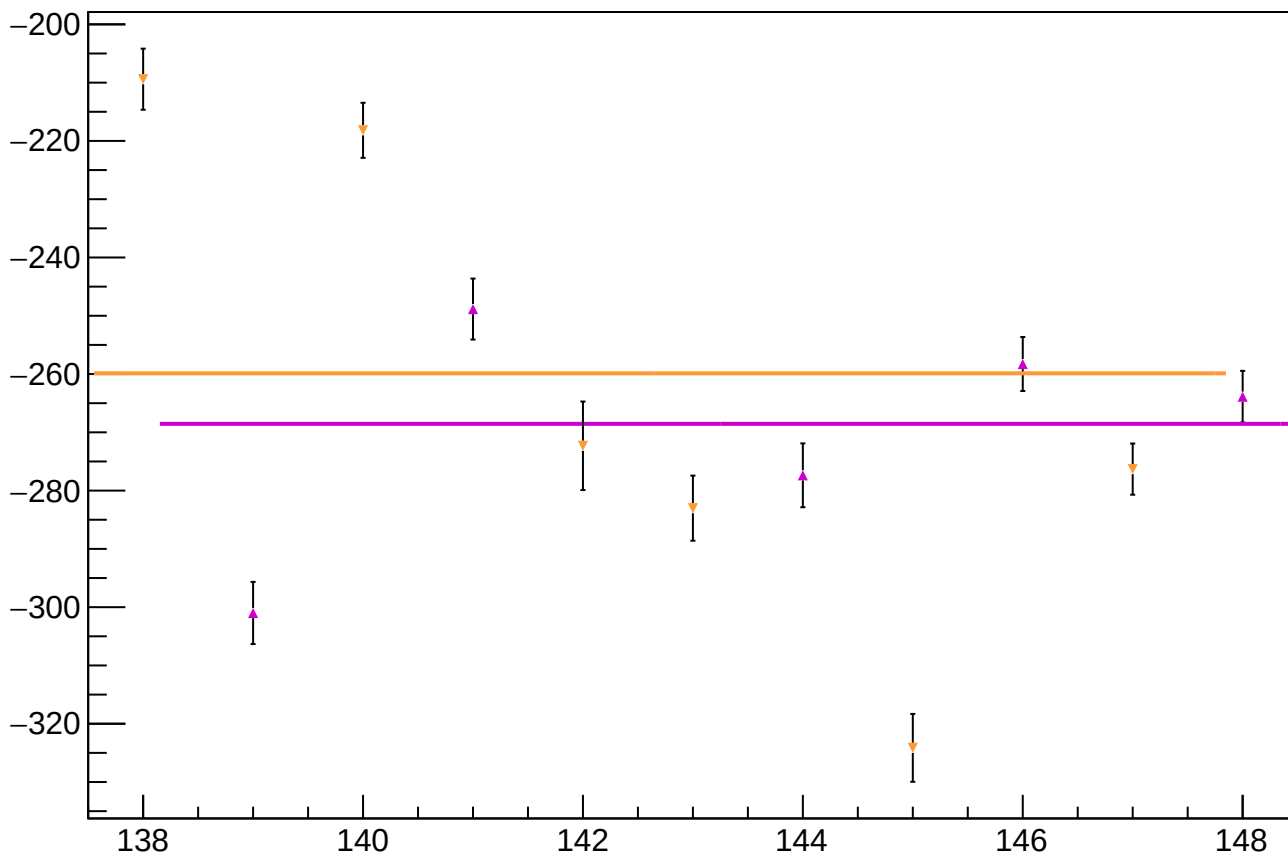
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 119.053 $\pm$ 0.055 χ^2 /NDF: 413269.5/21

Out: 97.202 $\pm$ 0.051 χ^2 /NDF: 900483.5/23

All: 107.341 $\pm$ 0.038 χ^2 /NDF: 1397304.1/45

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.874+/-2.172 χ^2/NDF :326.3/5

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: -264.110+/-1.553 χ^2/NDF : 393.9/10

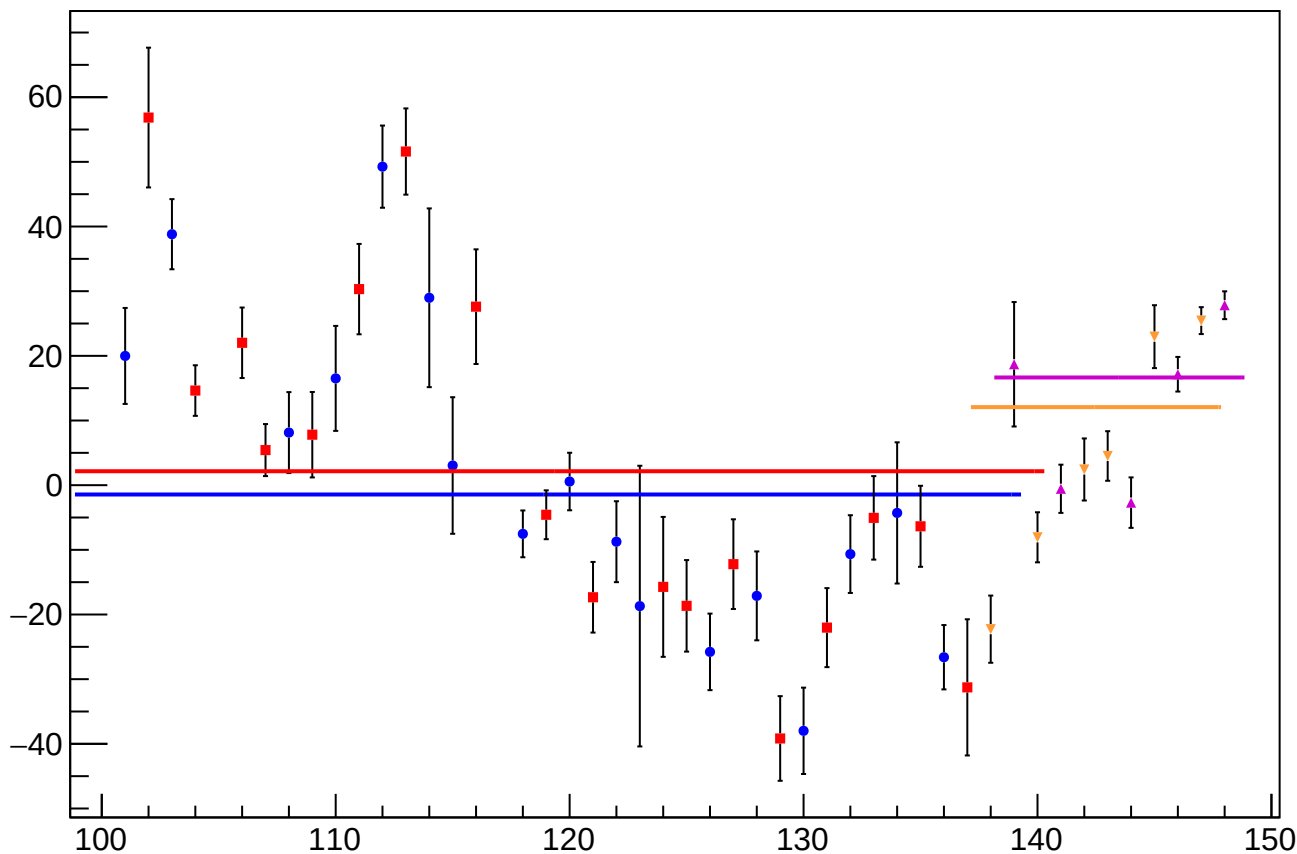
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.542+/-2.222 χ^2/NDF :59.8/4

Out: -259.874+/-2.172 χ^2/NDF :326.3/5

All: -264.110+/-1.553 χ^2/NDF : 393.9/10

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 12.073 ± 1.431 $\chi^2/\text{NDF}: 125.0/5$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 16.655 ± 1.408 $\chi^2/\text{NDF}: 73.0/4$

Left: 14.400 ± 1.004 $\chi^2/\text{NDF}: 203.2/10$

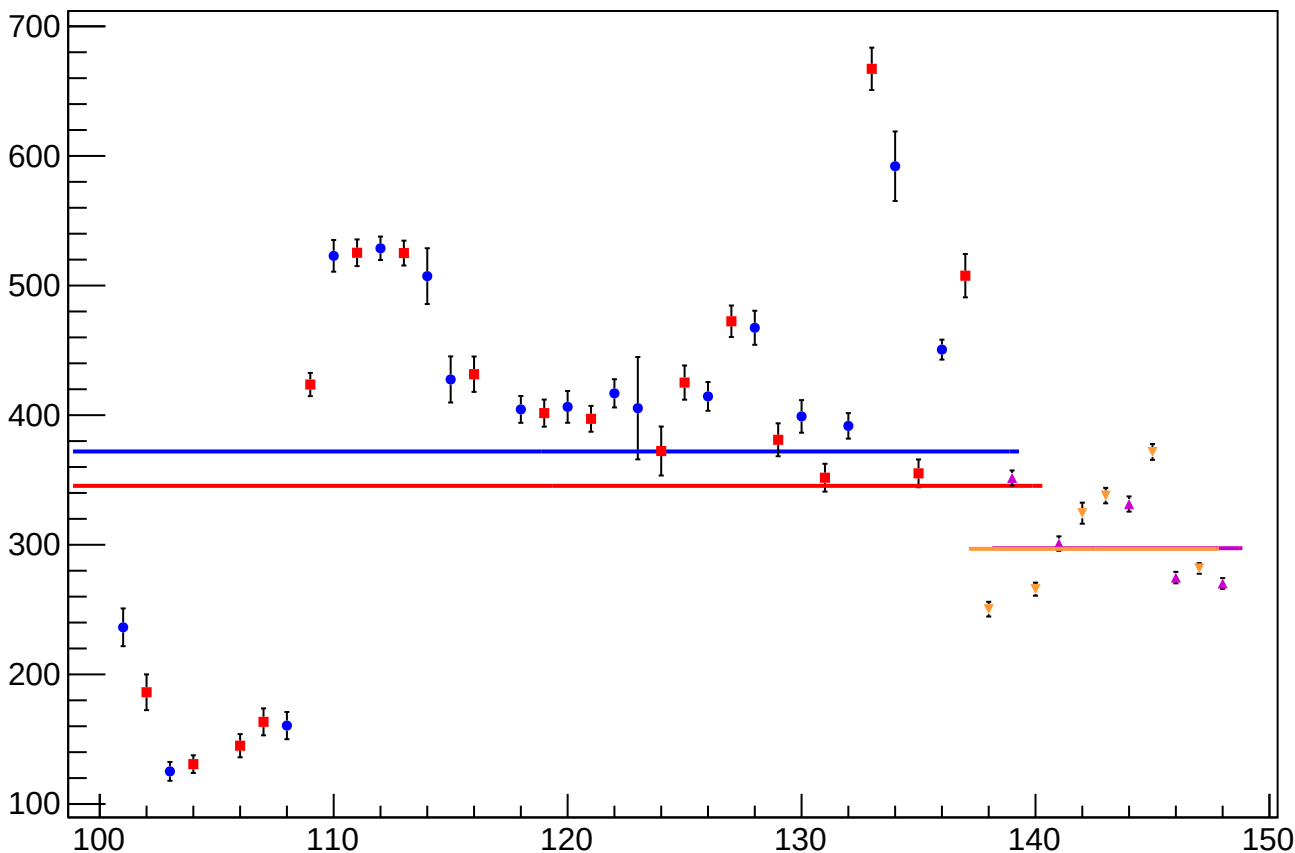
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 8.274 ± 1.032 $\chi^2/\text{NDF}: 373.9/21$

Out: 7.010 ± 1.001 $\chi^2/\text{NDF}: 379.7/23$

All: 7.623 ± 0.718 $\chi^2/\text{NDF}: 754.4/45$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 296.898 $\pm$ 2.236 χ^2 /NDF:327.7/5

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 297.355 $\pm$ 2.233 χ^2 /NDF:191.6/4

Left: 297.127 $\pm$ 1.580 χ^2 /NDF: 519.3/10

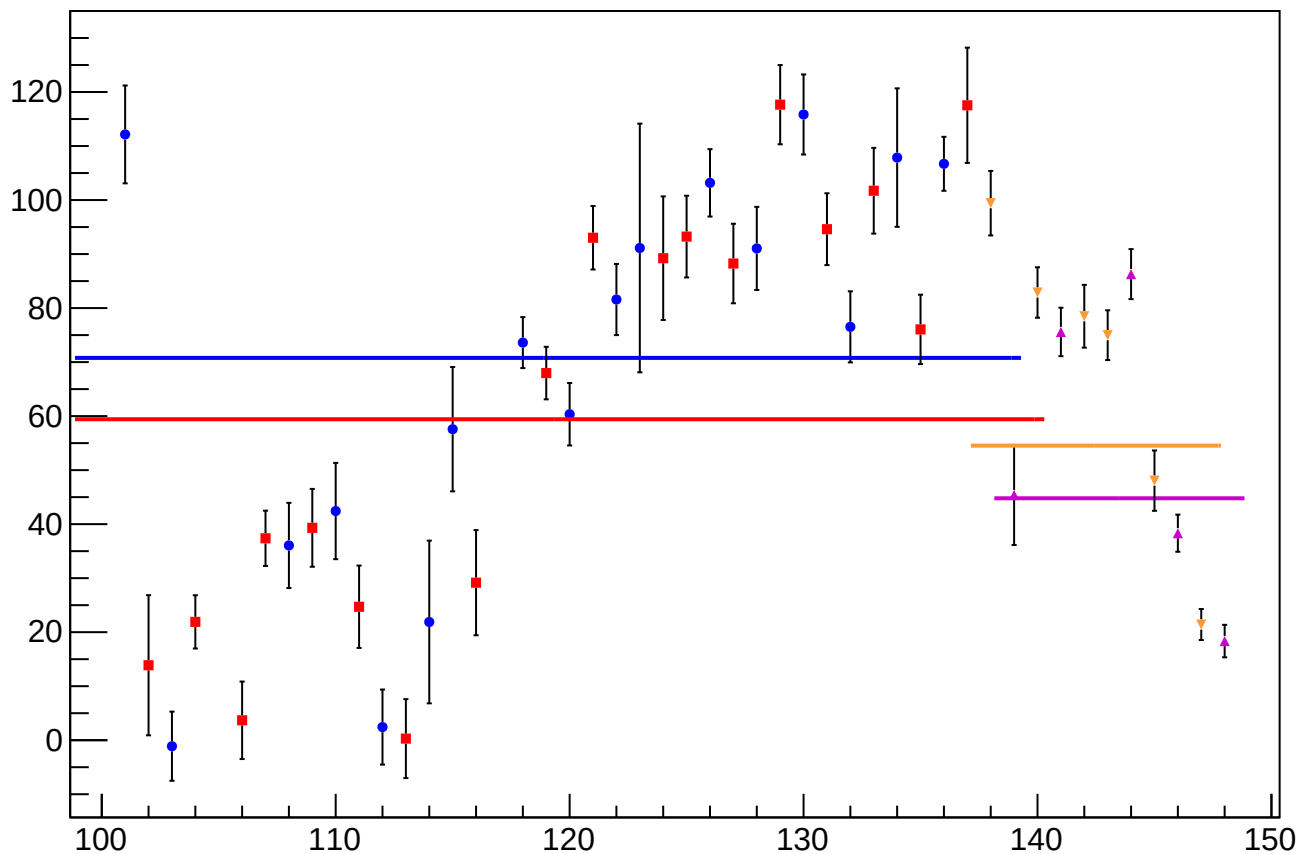
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 326.826 $\pm$ 1.737 χ^2 /NDF:3063.9/21

Out: 317.874 $\pm$ 1.685 χ^2 /NDF:3933.2/23

All: 322.214 $\pm$ 1.210 χ^2 /NDF: 7010.8/45

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 54.535 $\pm$ 1.814 χ^2 /NDF: 264.5/5

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 44.787 $\pm$ 1.815 χ^2 /NDF: 208.3/4

Left: 49.665 $\pm$ 1.283 χ^2 /NDF: 487.2/10

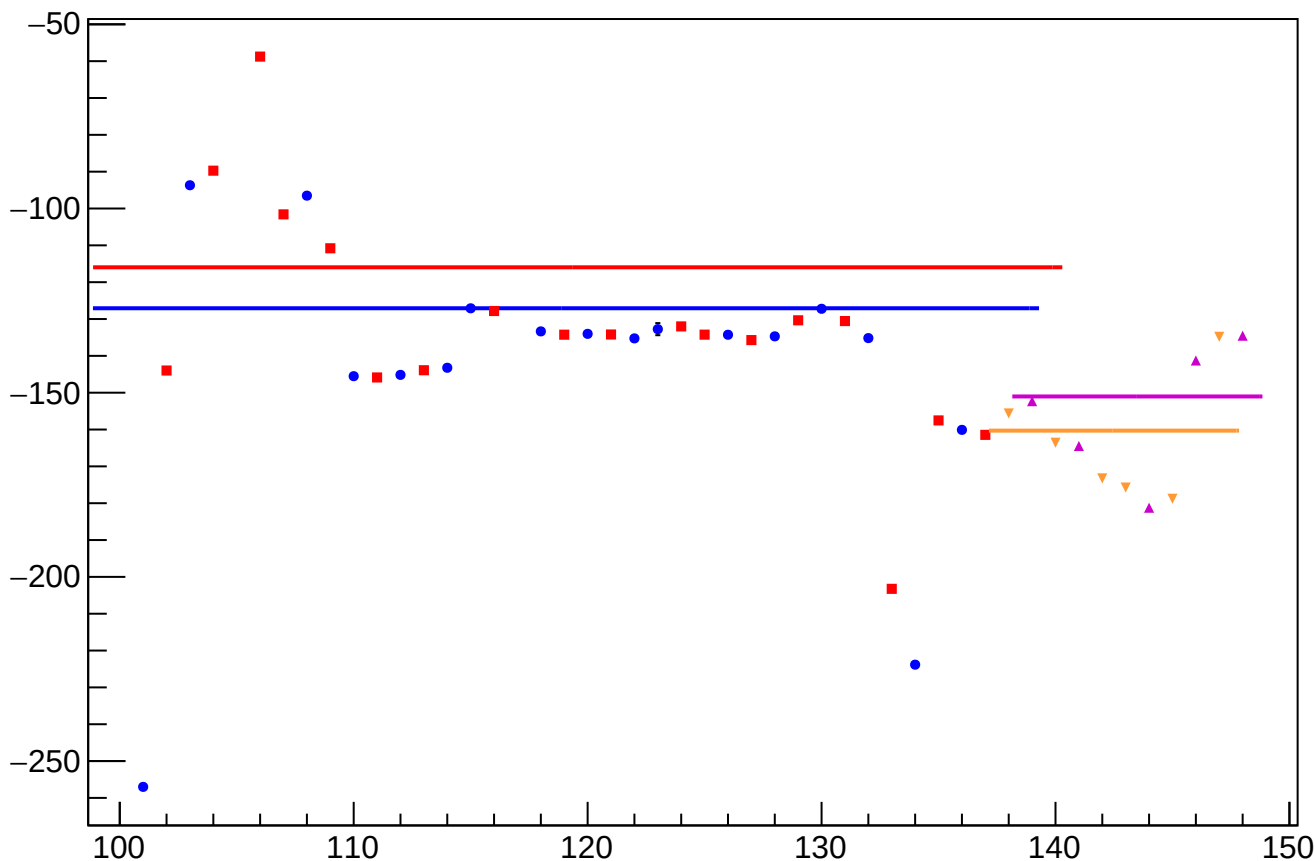
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 58.285 $\pm$ 1.259 χ^2 /NDF: 738.7/21

Out: 57.235 $\pm$ 1.213 χ^2 /NDF: 755.1/23

All: 57.741 $\pm$ 0.873 χ^2 /NDF: 1494.1/45

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -160.295+/-0.095 χ^2/NDF : 29633.5/5

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -151.023+/-0.093 χ^2/NDF : 28341.7/4

Left: -155.583+/-0.067 χ^2/NDF : 62822.8/10

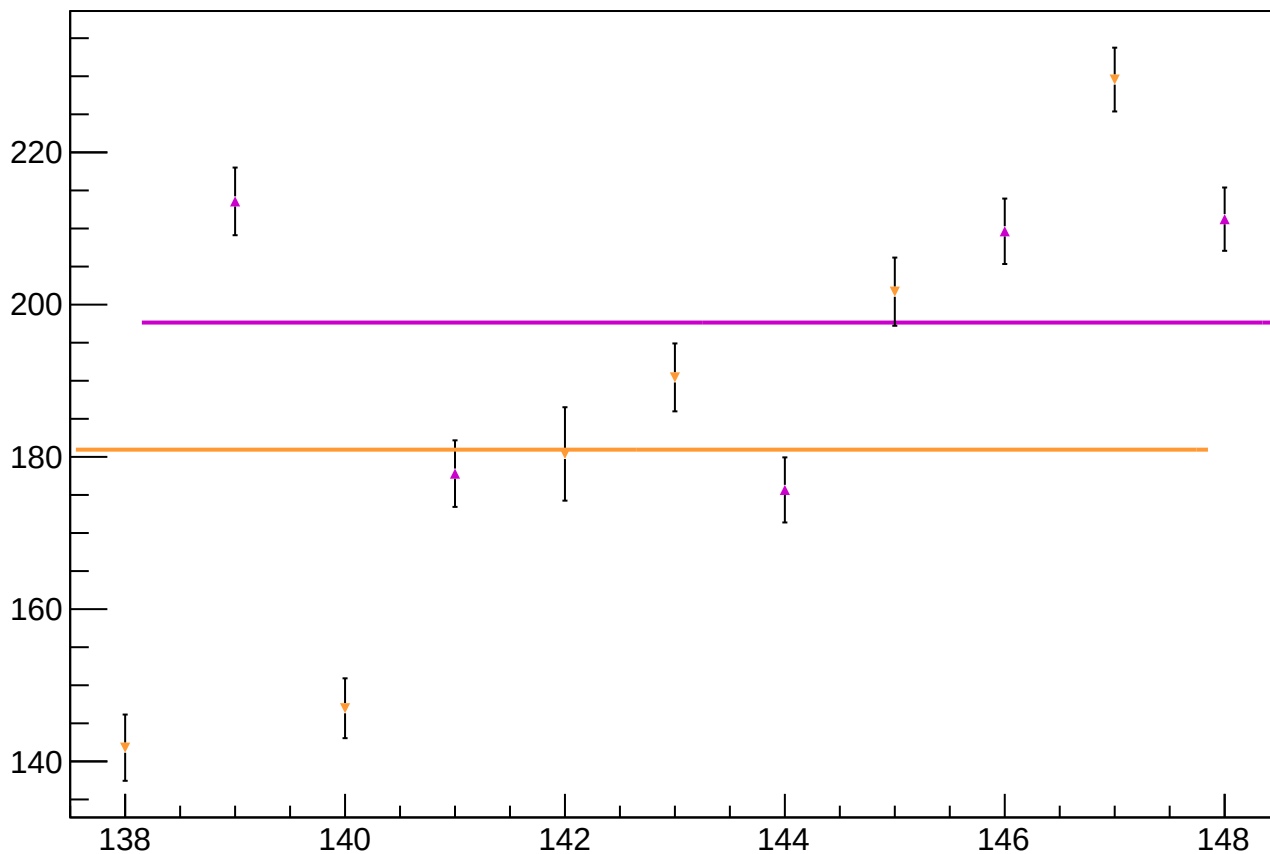
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.542+/-0.065 χ^2/NDF : 229629.2/21

Out: -135.171+/-0.062 χ^2/NDF : 312209.6/23

All: -136.800+/-0.045 χ^2/NDF : 543245.3/45

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: 180.950+/-1.822 χ^2/NDF :316.2/5

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: 188.836+/-1.324 χ^2/NDF : 434.2/10

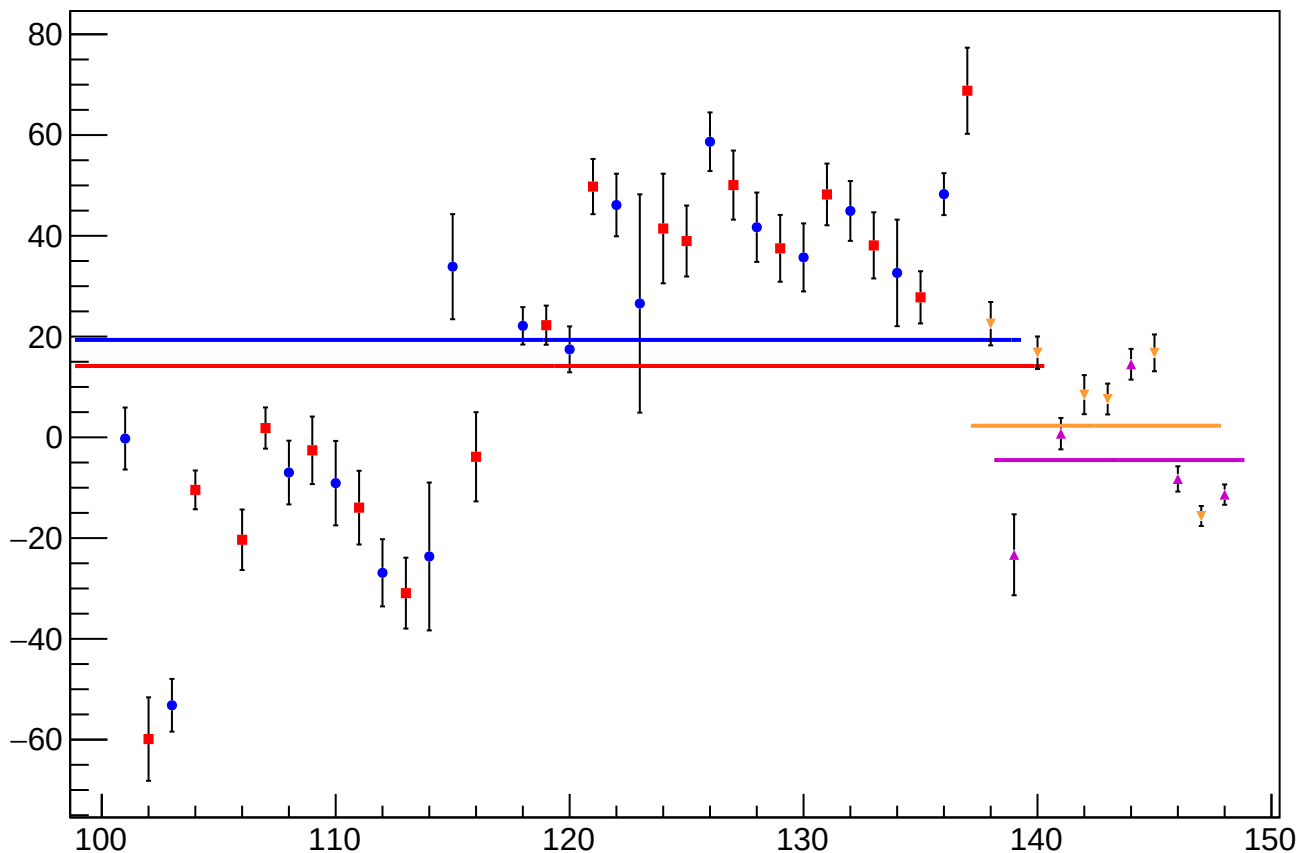
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.646+/-1.926 χ^2/NDF :78.3/4

Out: 180.950+/-1.822 χ^2/NDF :316.2/5

All: 188.836+/-1.324 χ^2/NDF : 434.2/10

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2/NDF : 439.8/16

Left Out: 2.306 $\pm$ 1.238 χ^2/NDF :145.0/5

Right Out: 14.162 $\pm$ 1.391 χ^2/NDF : 426.0/17

Left In: -4.507 $\pm$ 1.259 χ^2/NDF :60.8/4

Left: -1.045 $\pm$ 0.883 χ^2/NDF : 220.8/10

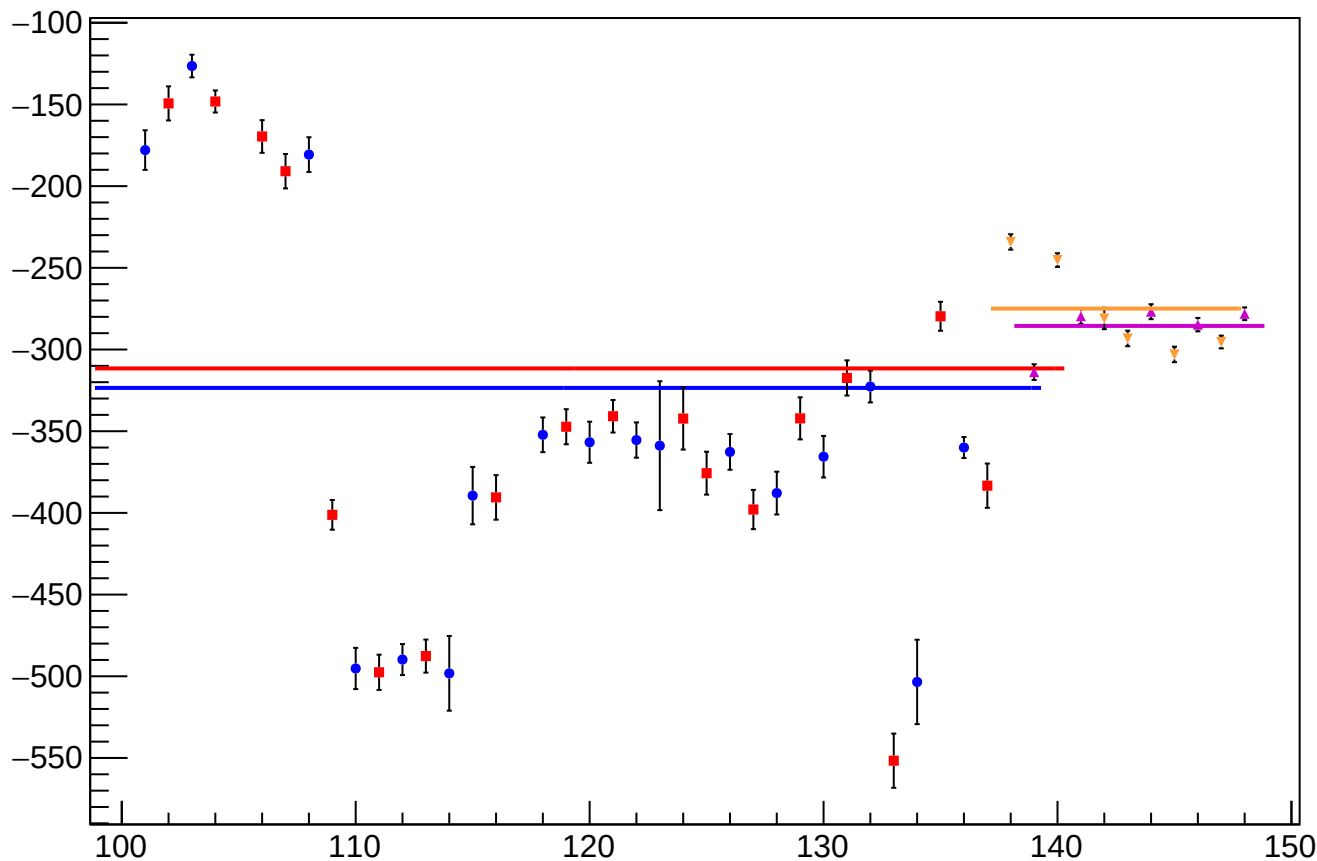
Right: 16.585 $\pm$ 1.014 χ^2/NDF : 872.4/34

In: 5.485 $\pm$ 0.960 χ^2/NDF :651.0/21

Out: 7.547 $\pm$ 0.925 χ^2/NDF :611.6/23

All: 6.554 $\pm$ 0.666 χ^2/NDF : 1265.0/45

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -274.953 ± 1.893 $\chi^2/\text{NDF}: 203.0/5$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -285.553 ± 1.952 $\chi^2/\text{NDF}: 43.5/4$

Left: -280.089 ± 1.359 $\chi^2/\text{NDF}: 261.7/10$

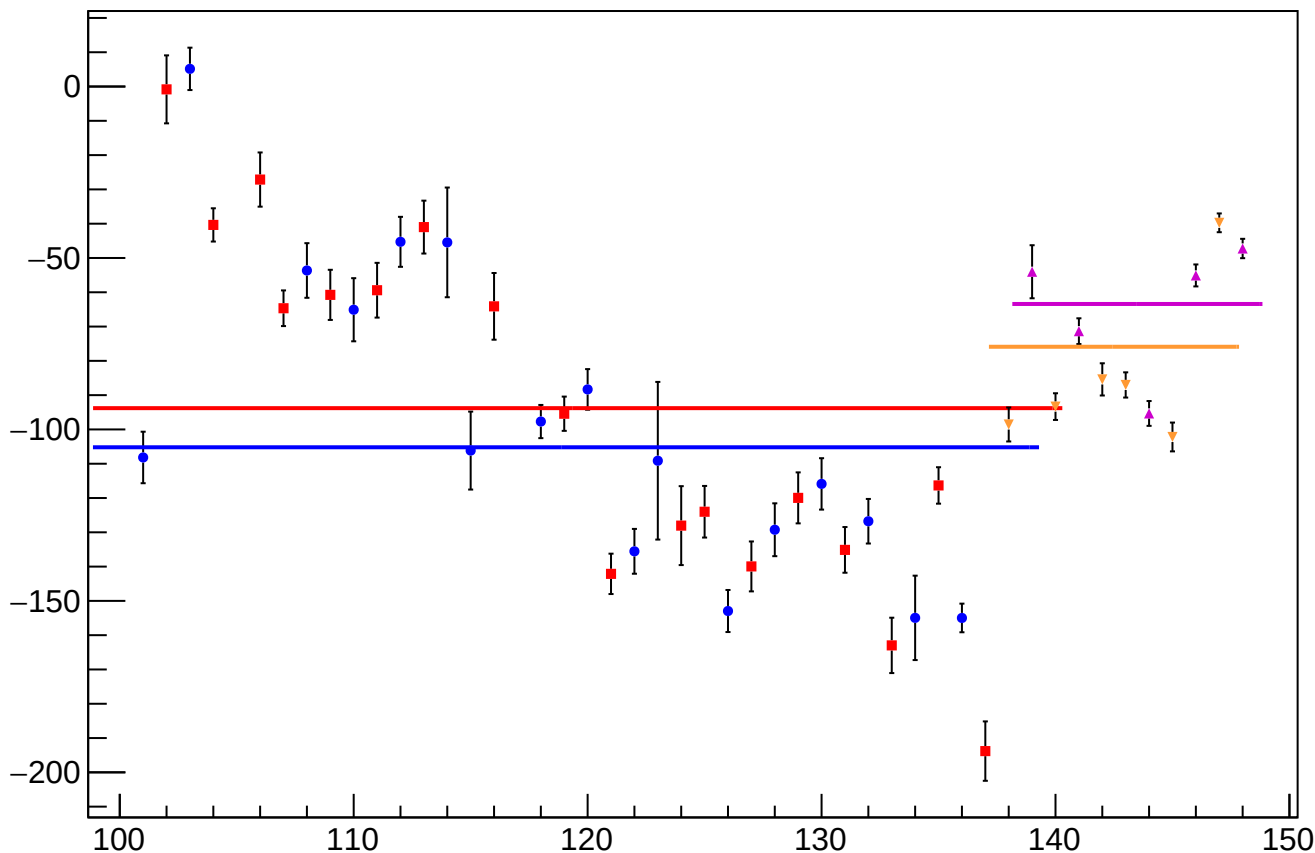
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -298.752 ± 1.576 $\chi^2/\text{NDF}: 2022.4/21$

Out: -288.115 ± 1.515 $\chi^2/\text{NDF}: 2581.3/23$

All: -293.222 ± 1.092 $\chi^2/\text{NDF}: 4627.5/45$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203+/-1.697 χ^2/NDF : 735.6/16

Left Out: -75.890+/-1.550 χ^2/NDF : 267.8/5

Right Out: -93.793+/-1.611 χ^2/NDF : 815.4/17

Left In: -63.413+/-1.607 χ^2/NDF : 123.3/4

Left: -69.876+/-1.116 χ^2/NDF : 422.4/10

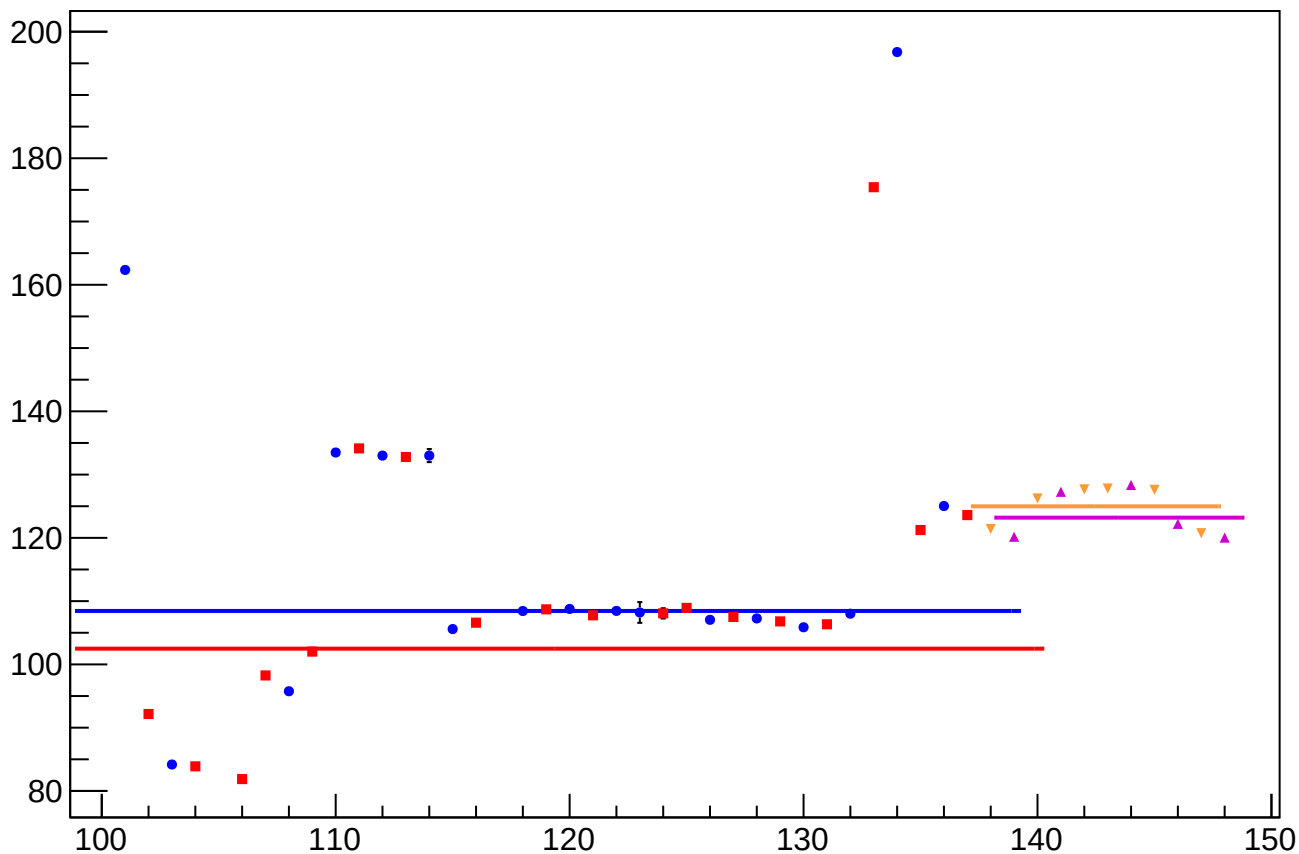
Right: -99.203+/-1.168 χ^2/NDF : 1574.8/34

In: -83.177+/-1.167 χ^2/NDF : 1178.7/21

Out: -84.497+/-1.117 χ^2/NDF : 1147.3/23

All: -83.865+/-0.807 χ^2/NDF : 2326.7/45

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 124.984 $\pm$ 0.080 χ^2 /NDF:1456.7/5

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 123.195 $\pm$ 0.081 χ^2 /NDF:1842.0/4

Left: 124.108 $\pm$ 0.057 χ^2 /NDF: 3546.2/10

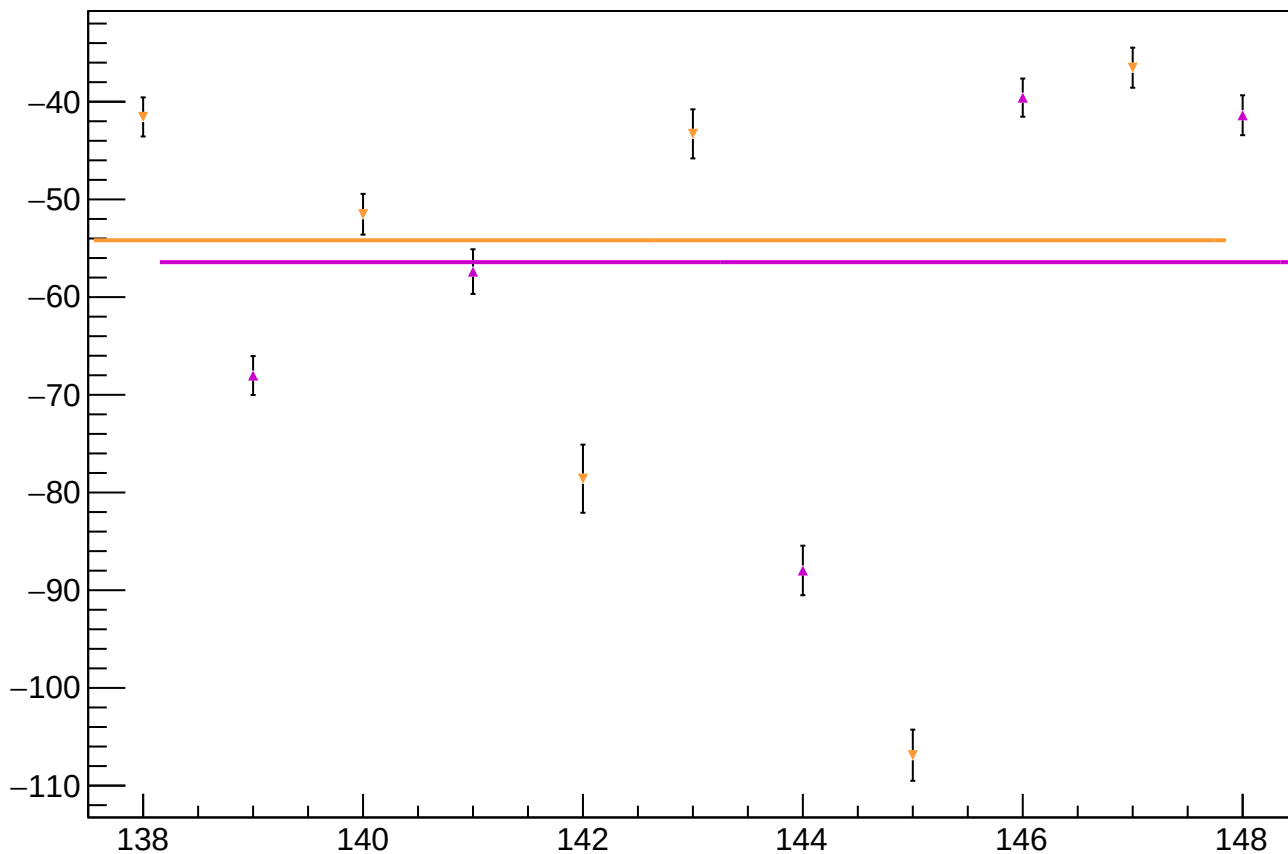
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 116.140 $\pm$ 0.059 χ^2 /NDF:90885.2/21

Out: 113.745 $\pm$ 0.056 χ^2 /NDF:94319.0/23

All: 114.893 $\pm$ 0.041 χ^2 /NDF: 186073.1/45

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -54.182+/-0.952 χ^2 /NDF:588.5/5

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: -55.301+/-0.673 χ^2 /NDF: 908.9/10

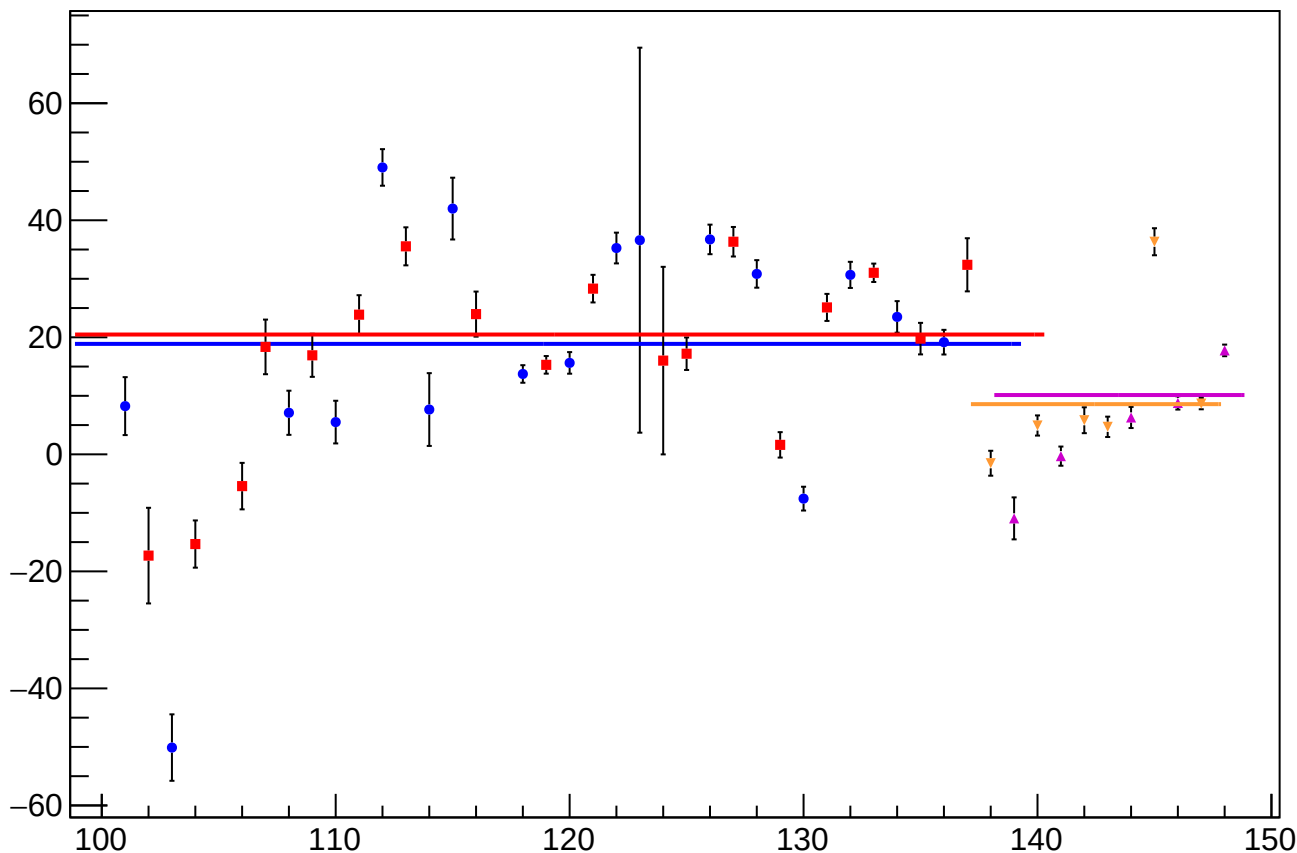
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -56.423+/-0.953 χ^2 /NDF:317.7/4

Out: -54.182+/-0.952 χ^2 /NDF:588.5/5

All: -55.301+/-0.673 χ^2 /NDF: 908.9/10

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 8.578+/-0.655 χ^2/NDF :177.7/5

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: 10.134+/-0.627 χ^2/NDF :140.1/4

Left: 9.390+/-0.453 χ^2/NDF : 320.8/10

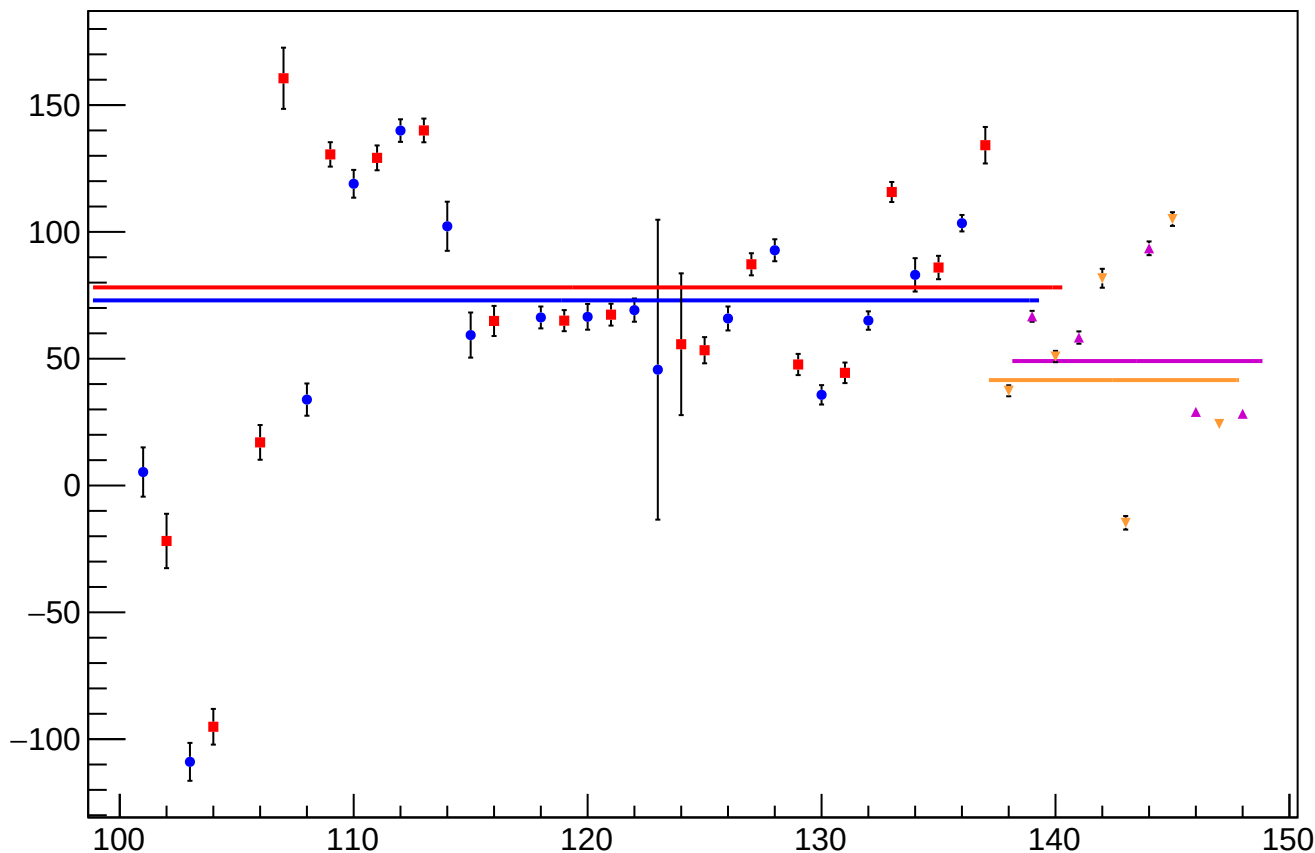
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 14.386+/-0.449 χ^2/NDF :855.2/21

Out: 14.629+/-0.459 χ^2/NDF :708.1/23

All: 14.505+/-0.321 χ^2/NDF : 1563.4/45

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 41.569 $\pm$ 0.983 χ^2 /NDF:1211.2/5

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 49.073 $\pm$ 0.962 χ^2 /NDF:583.4/4

Left: 45.400 $\pm$ 0.688 χ^2 /NDF: 1824.4/10

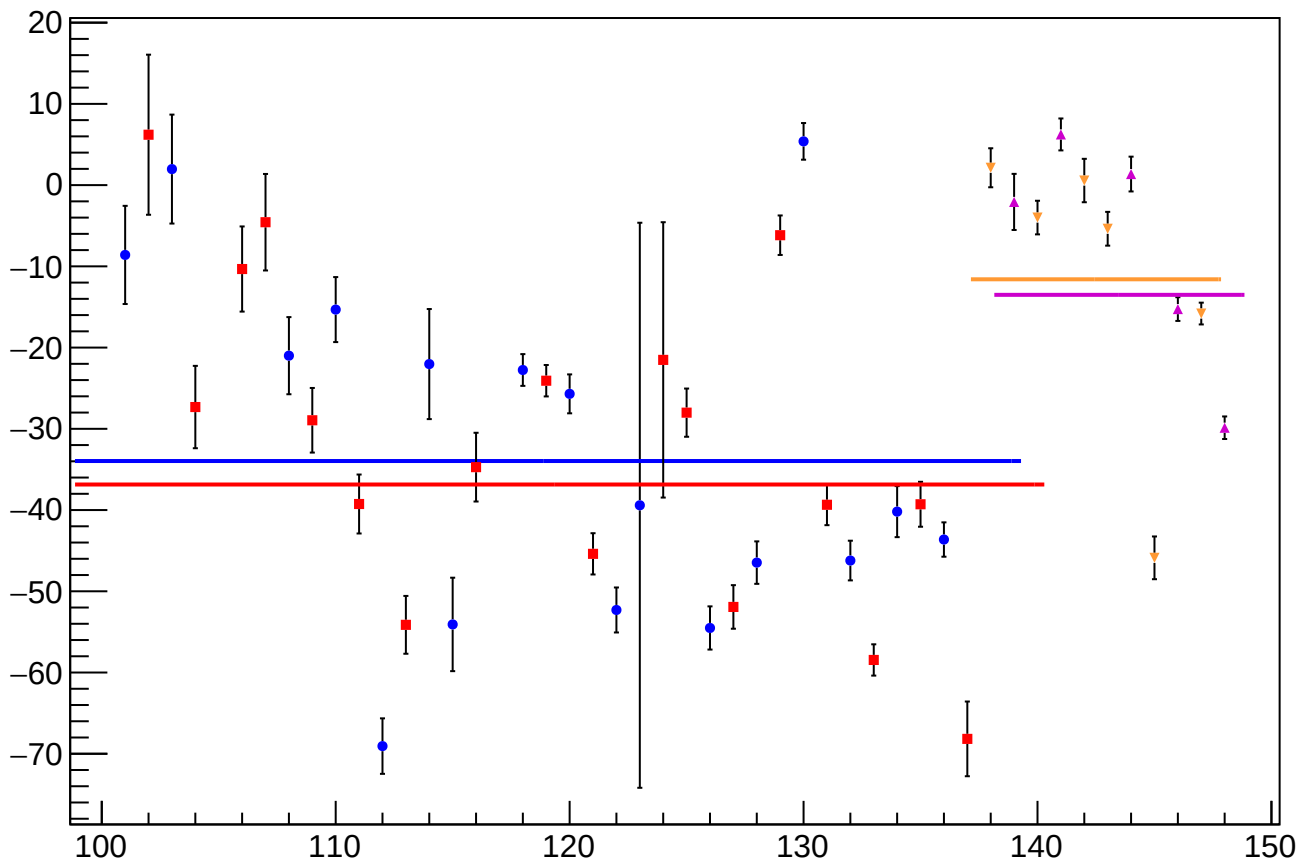
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 58.154 $\pm$ 0.758 χ^2 /NDF:2023.4/21

Out: 55.898 $\pm$ 0.766 χ^2 /NDF:3300.3/23

All: 57.038 $\pm$ 0.539 χ^2 /NDF: 5328.1/45

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -11.595 ± 0.822 χ^2/NDF : 255.6/5

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -13.508 ± 0.803 χ^2/NDF : 300.4/4

Left: -12.573 ± 0.575 χ^2/NDF : 558.7/10

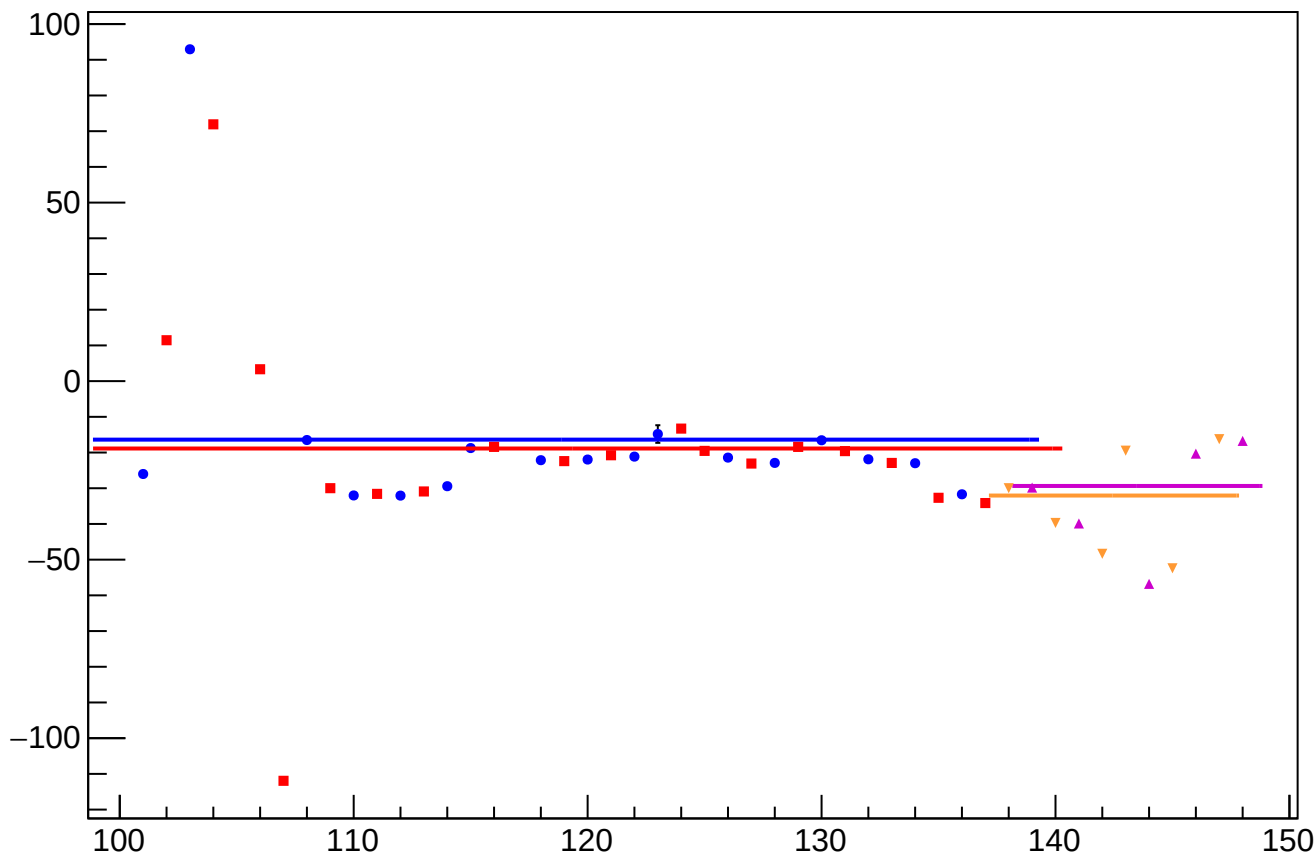
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -24.608 ± 0.543 χ^2/NDF : 1374.2/21

Out: -25.604 ± 0.549 χ^2/NDF : 1314.2/23

All: -25.101 ± 0.386 χ^2/NDF : 2690.1/45

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -30.654 ± 0.029 $\chi^2/\text{NDF}: 201107.2/10$

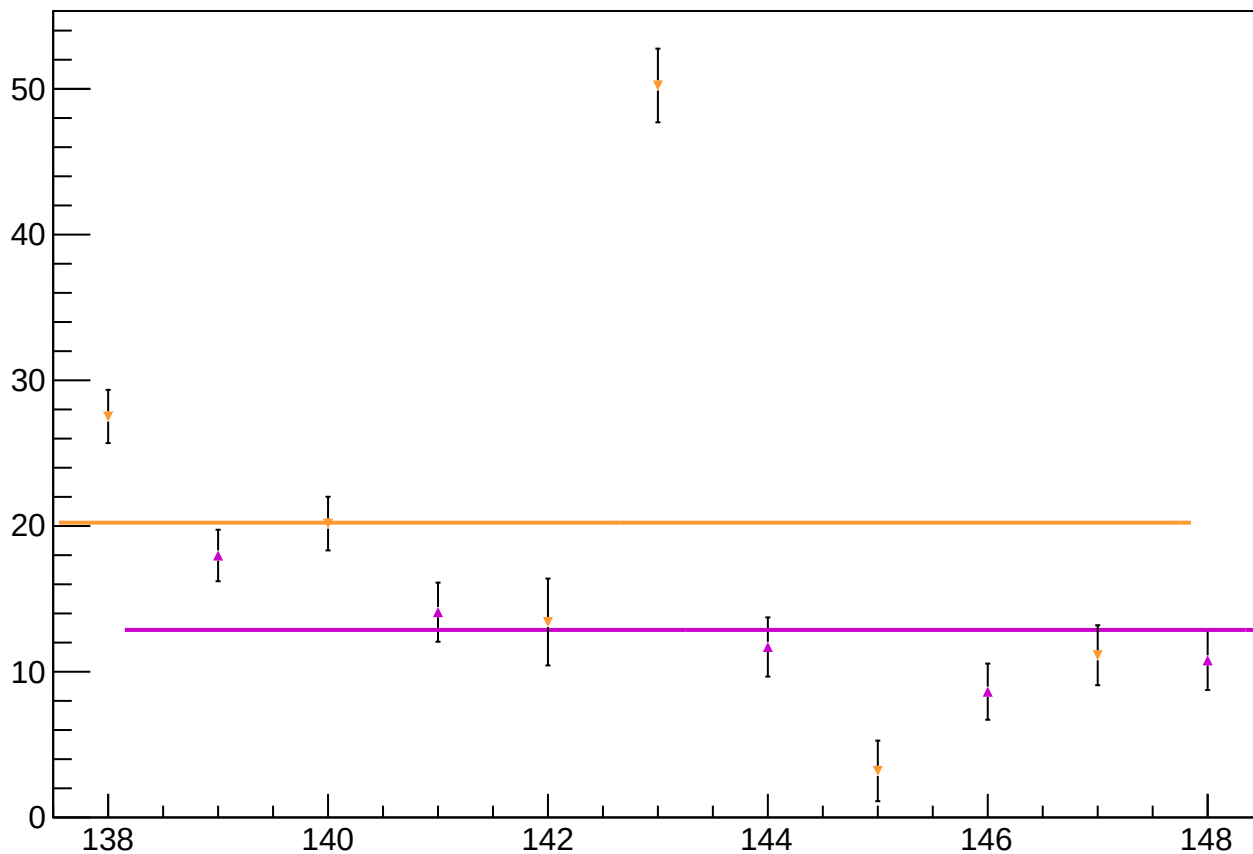
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -23.598 ± 0.030 $\chi^2/\text{NDF}: 621170.3/21$

Out: -26.076 ± 0.030 $\chi^2/\text{NDF}: 578992.9/23$

All: -24.802 ± 0.021 $\chi^2/\text{NDF}: 1203560.3/45$

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: 20.231+/-0.867 χ^2/NDF :248.7/5

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: 16.571+/-0.614 χ^2/NDF : 299.6/10

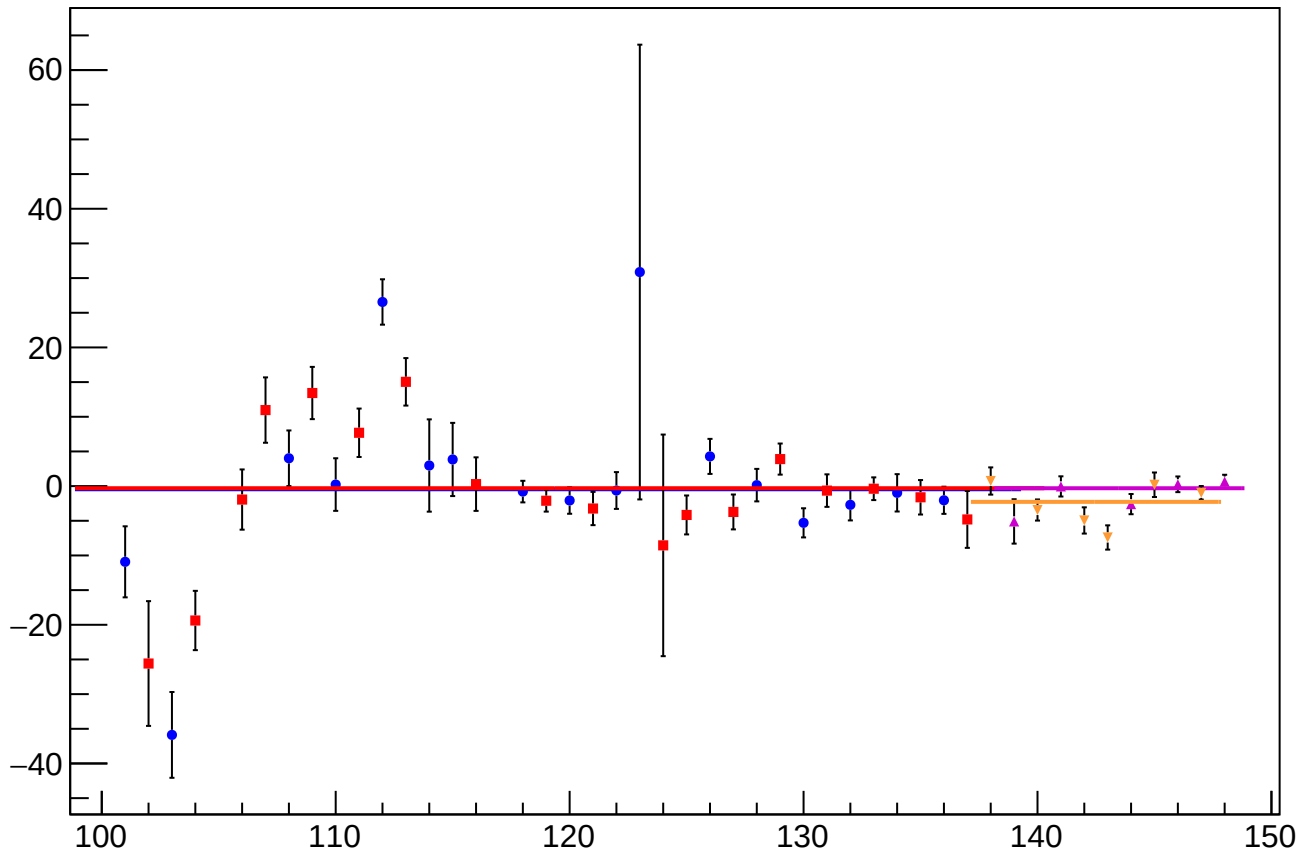
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.870+/-0.871 χ^2/NDF :15.0/4

Out: 20.231+/-0.867 χ^2/NDF :248.7/5

All: 16.571+/-0.614 χ^2/NDF : 299.6/10

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.271 ± 0.613 χ^2/NDF : 17.3/5

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.308 ± 0.593 χ^2/NDF : 5.9/4

Left: -1.256 ± 0.426 χ^2/NDF : 28.5/10

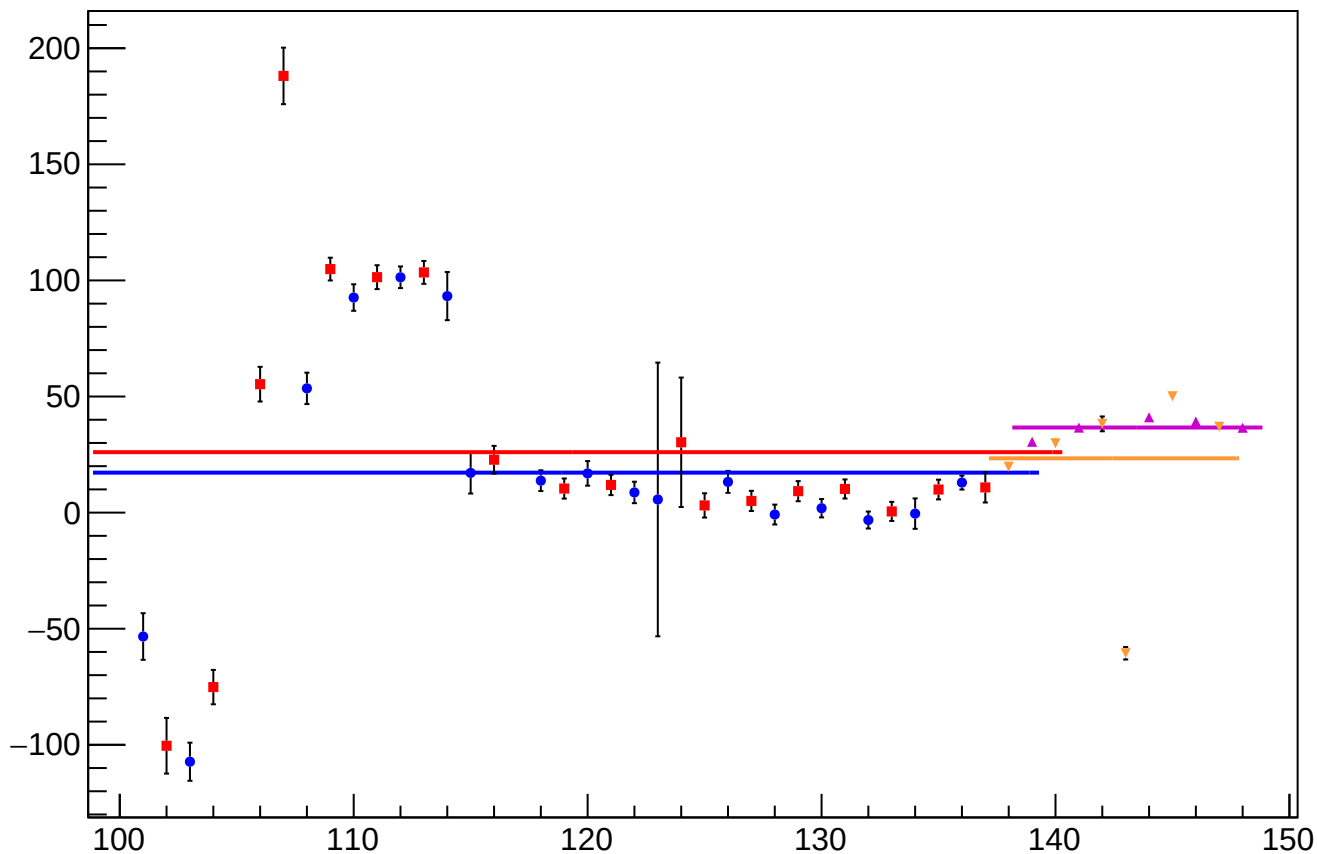
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.373 ± 0.439 χ^2/NDF : 125.5/21

Out: -1.357 ± 0.448 χ^2/NDF : 106.2/23

All: -0.855 ± 0.314 χ^2/NDF : 234.1/45

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 23.381+/-0.901 χ^2/NDF :1205.8/5

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 36.651+/-0.887 χ^2/NDF :16.5/4

Left: 30.115+/-0.632 χ^2/NDF : 1332.4/10

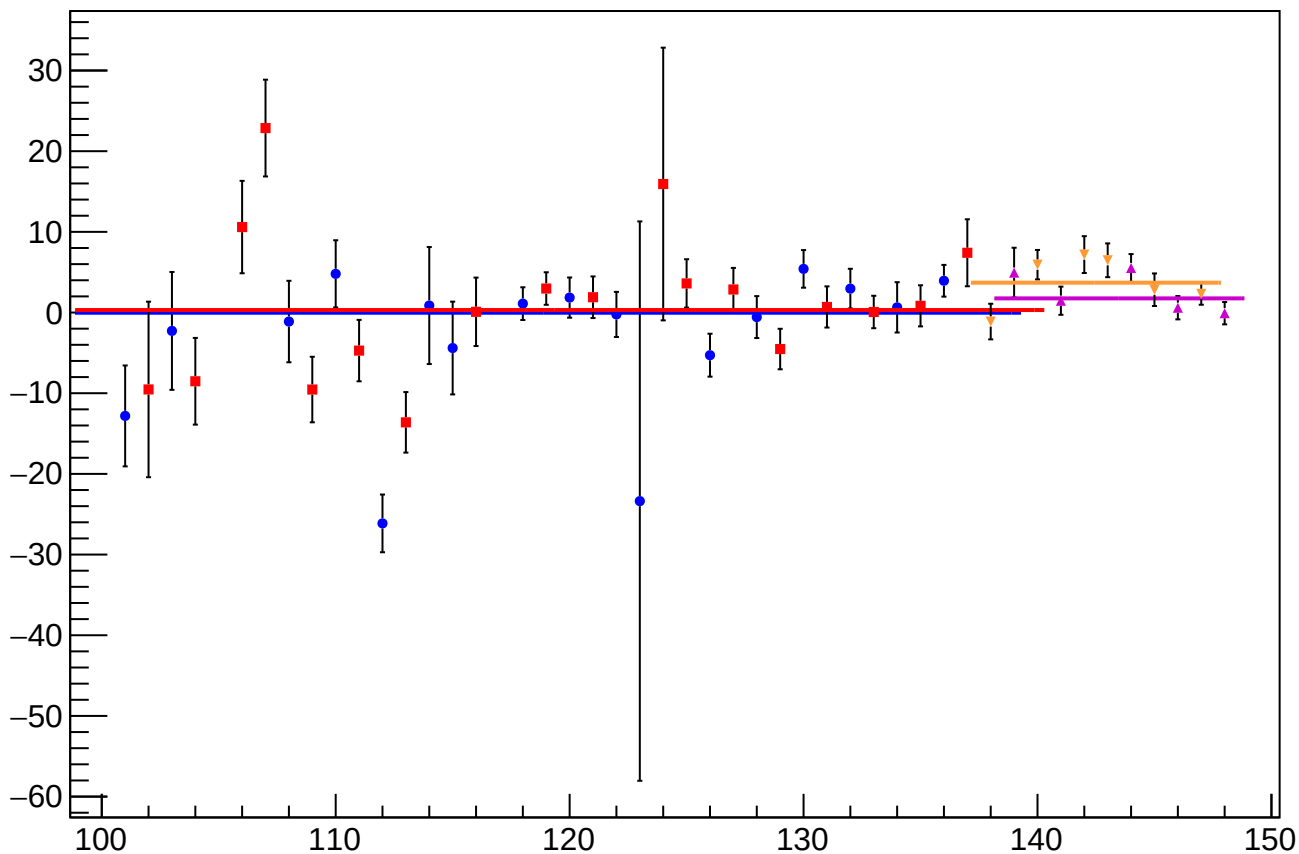
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 30.075+/-0.722 χ^2/NDF :1118.9/21

Out: 24.293+/-0.730 χ^2/NDF :2574.8/23

All: 27.215+/-0.513 χ^2/NDF : 3725.4/45

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.700 ± 0.762 χ^2/NDF : 11.6/5

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.754 ± 0.751 χ^2/NDF : 8.3/4

Left: 2.713 ± 0.535 χ^2/NDF : 23.2/10

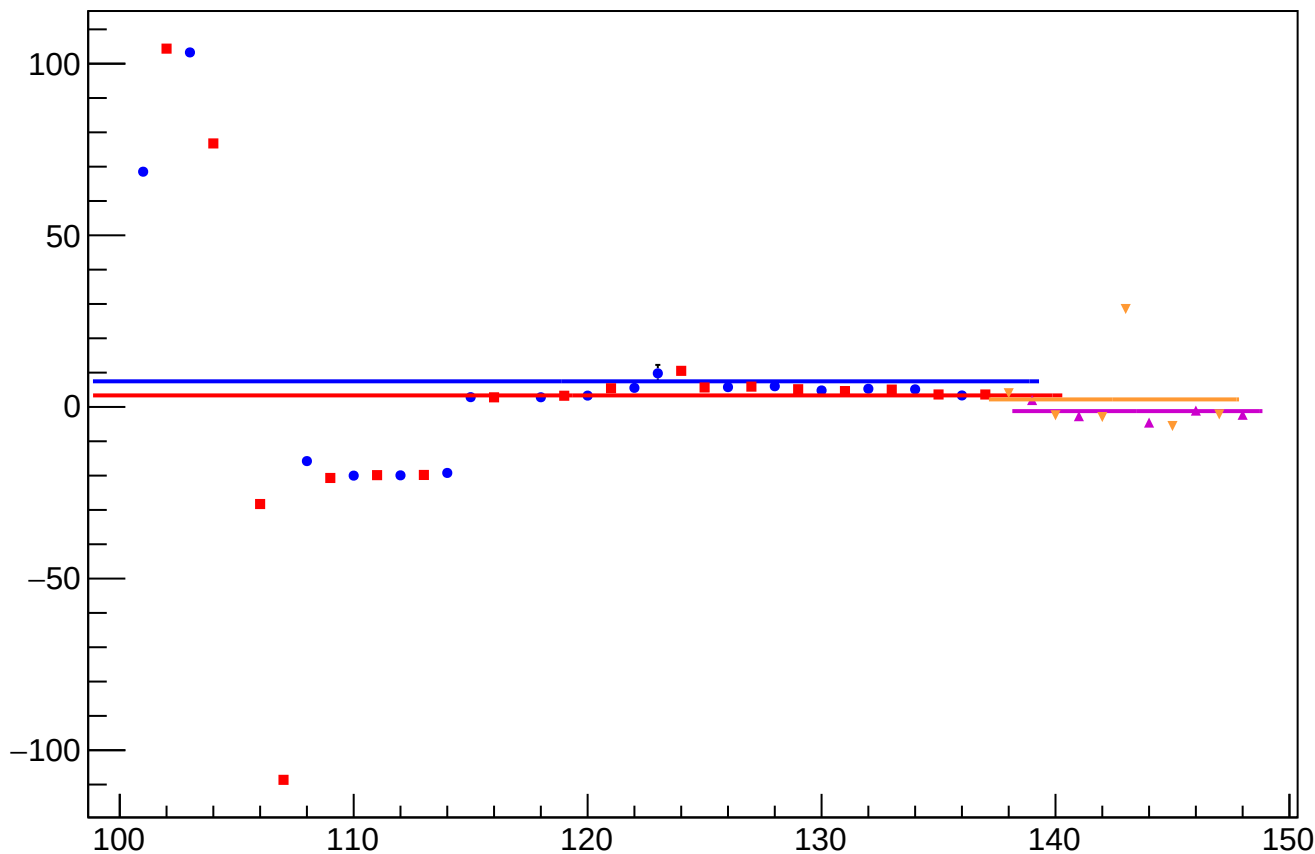
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.859 ± 0.529 χ^2/NDF : 87.0/21

Out: 1.978 ± 0.534 χ^2/NDF : 75.7/23

All: 1.413 ± 0.376 χ^2/NDF : 164.9/45

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 2.197+/-0.037 χ^2/NDF : 74815.7/5

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -1.212+/-0.036 χ^2/NDF : 3970.7/4

Left: 0.448+/-0.026 χ^2/NDF : 83037.3/10

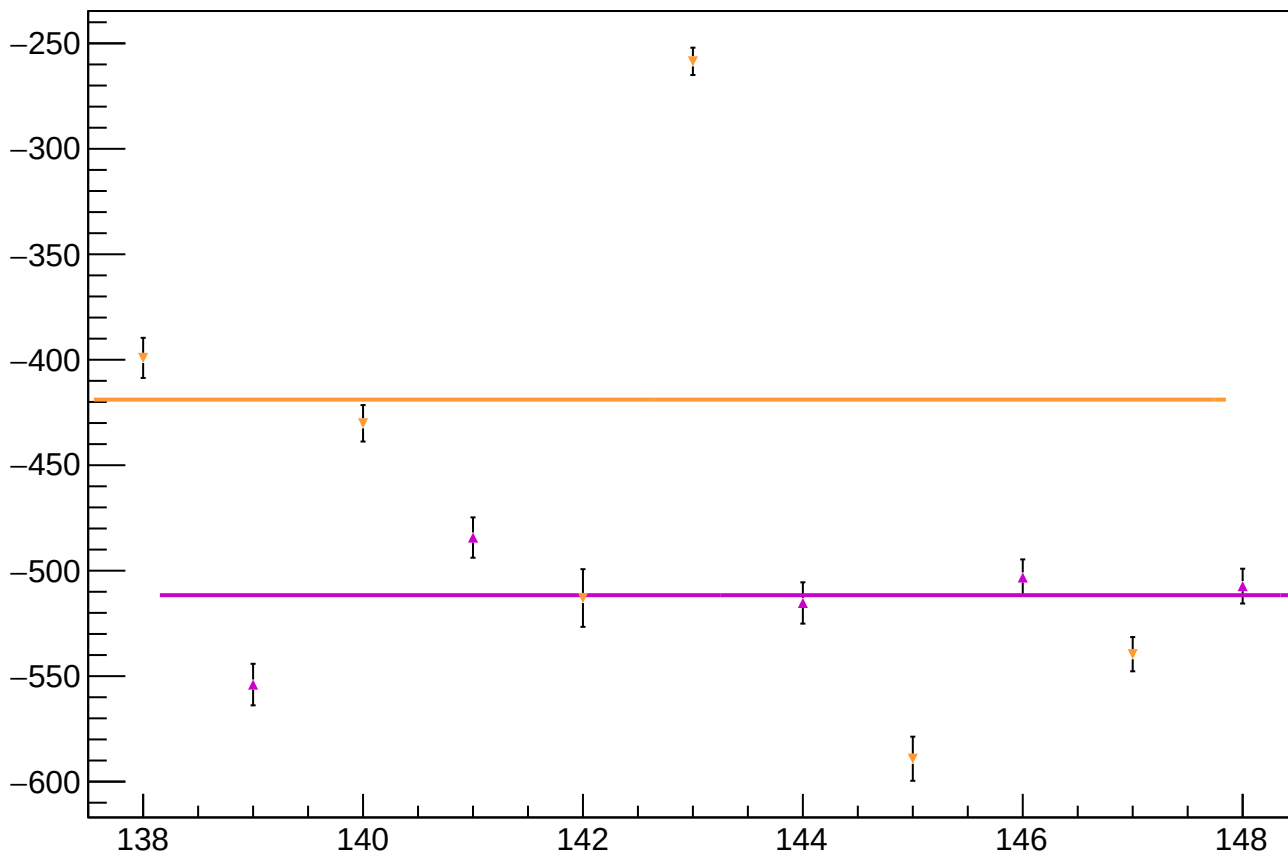
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 2.280+/-0.028 χ^2/NDF : 382628.1/21

Out: 2.666+/-0.029 χ^2/NDF : 580016.9/23

All: 2.468+/-0.020 χ^2/NDF : 962736.4/45

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -418.894+/-3.582 χ^2/NDF :1152.4/5

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: -459.218+/-2.693 χ^2/NDF : 1471.9/10

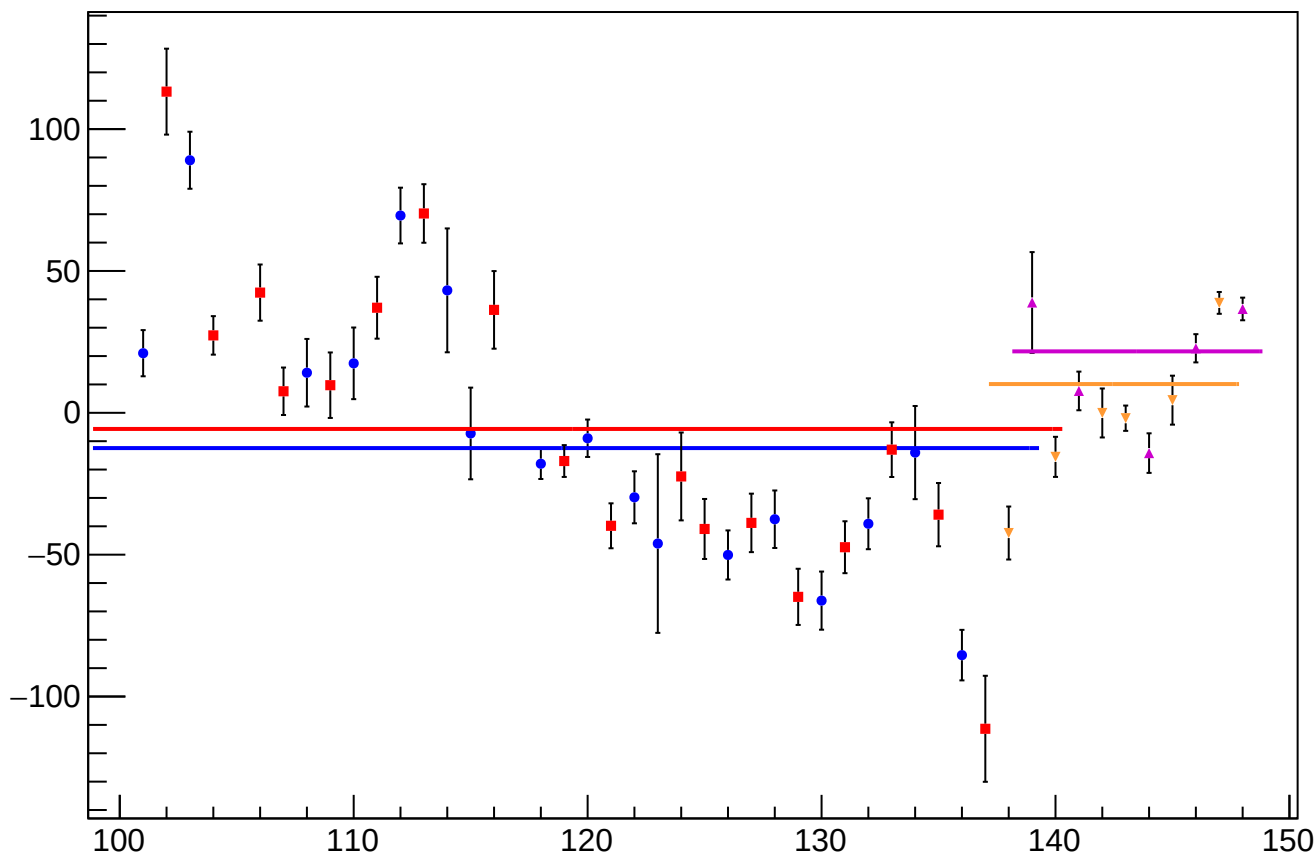
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.610+/-4.083 χ^2/NDF :28.0/4

Out: -418.894+/-3.582 χ^2/NDF :1152.4/5

All: -459.218+/-2.693 χ^2/NDF : 1471.9/10

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 10.136 ± 2.382 $\chi^2/\text{NDF}: 109.2/5$

Right Out: -5.686 ± 2.263 $\chi^2/\text{NDF}: 333.7/17$

Left In: 21.657 ± 2.595 $\chi^2/\text{NDF}: 45.6/4$

Left: 15.404 ± 1.755 $\chi^2/\text{NDF}: 165.6/10$

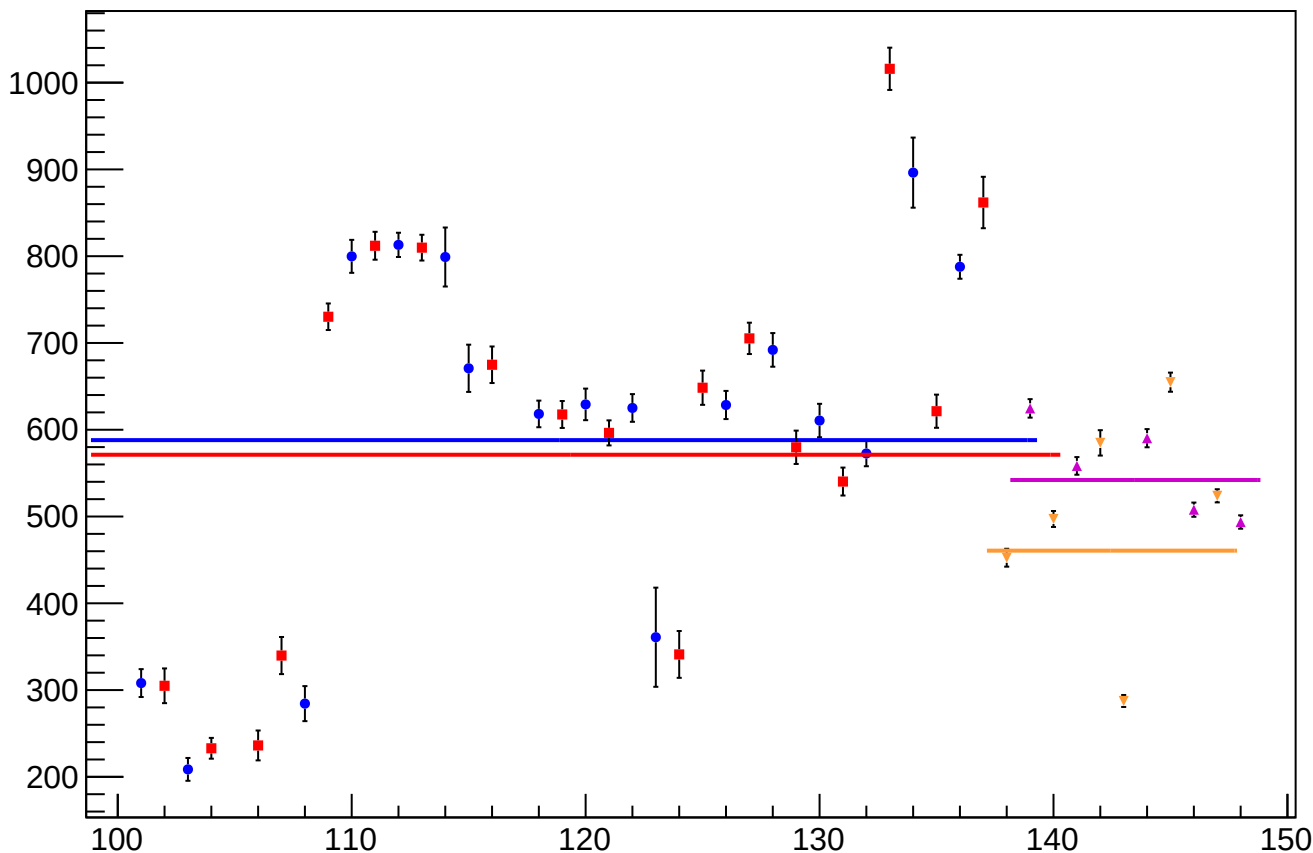
Right: -8.982 ± 1.618 $\chi^2/\text{NDF}: 678.2/34$

In: 2.673 ± 1.728 $\chi^2/\text{NDF}: 481.9/21$

Out: 1.820 ± 1.641 $\chi^2/\text{NDF}: 466.1/23$

All: 2.224 ± 1.190 $\chi^2/\text{NDF}: 948.2/45$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 460.680 $\pm$ 3.714 χ^2 /NDF: 1097.2/5

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 542.086 $\pm$ 4.108 χ^2 /NDF: 140.3/4

Left: 497.292 $\pm$ 2.755 χ^2 /NDF: 1453.5/10

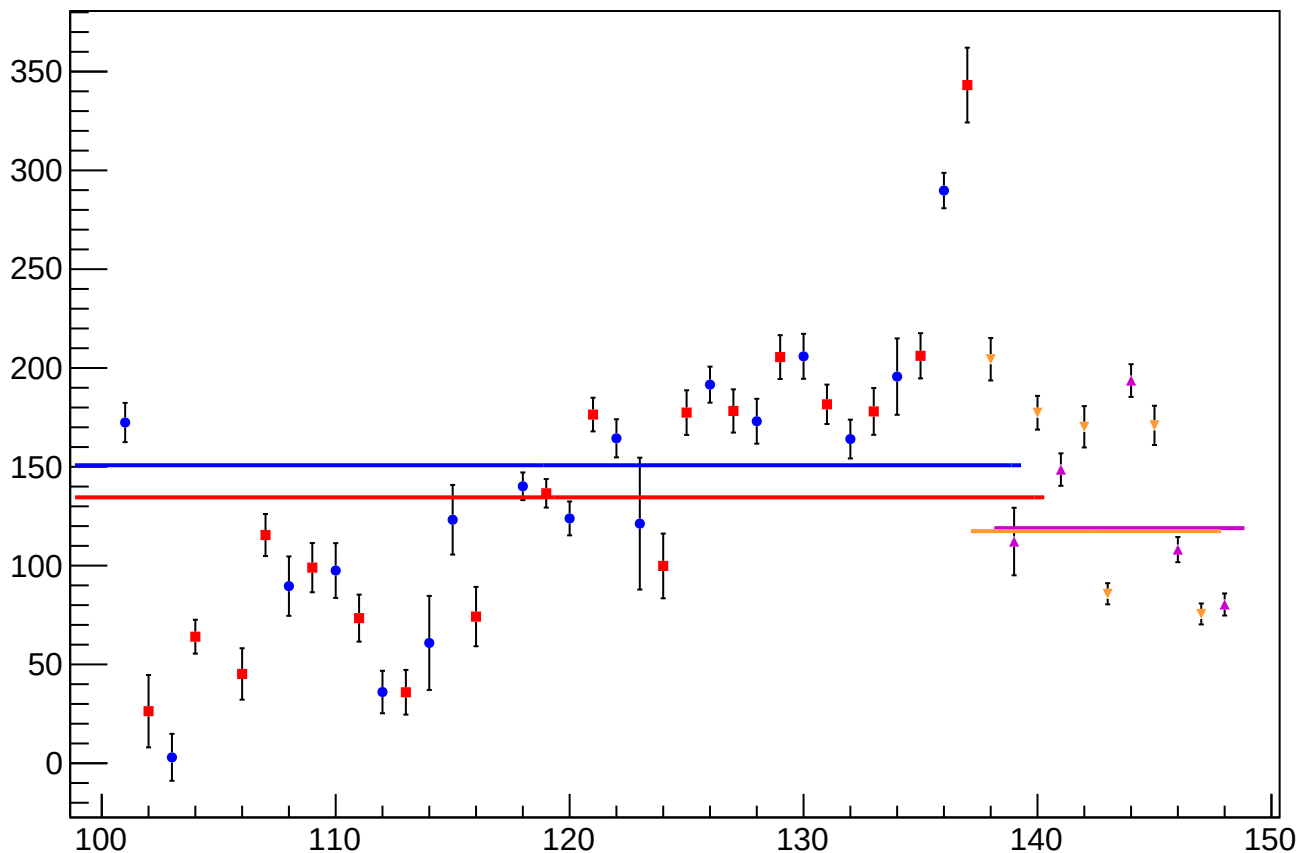
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 563.860 $\pm$ 2.980 χ^2 /NDF: 2327.3/21

Out: 509.827 $\pm$ 2.768 χ^2 /NDF: 4171.2/23

All: 534.853 $\pm$ 2.028 χ^2 /NDF: 6675.0/45

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 117.452 $\pm$ 2.986 χ^2 /NDF:266.6/5

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 118.967 $\pm$ 3.341 χ^2 /NDF:145.4/4

Left: 118.125 $\pm$ 2.227 χ^2 /NDF: 412.1/10

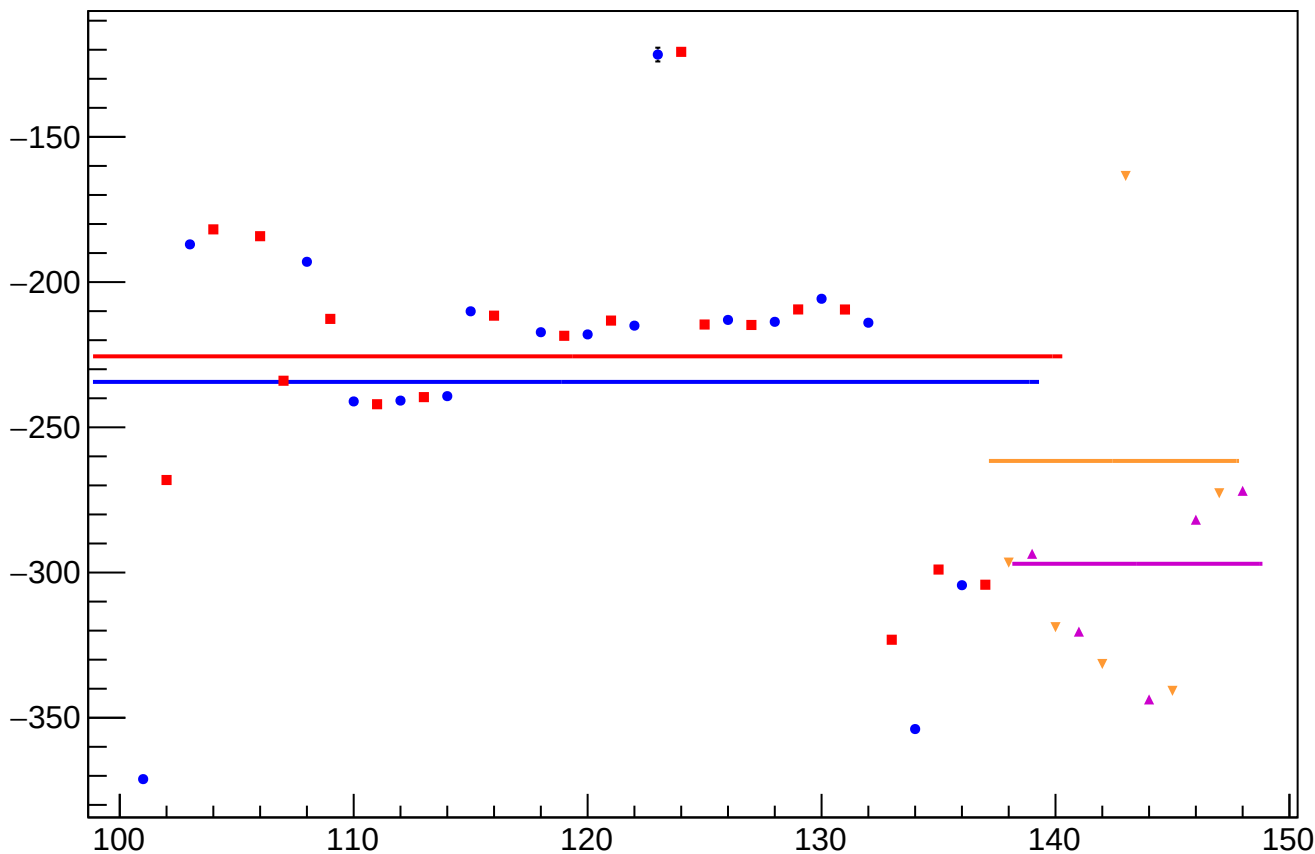
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 138.331 $\pm$ 2.090 χ^2 /NDF:833.8/21

Out: 127.115 $\pm$ 1.969 χ^2 /NDF:861.3/23

All: 132.389 $\pm$ 1.433 χ^2 /NDF: 1710.4/45

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -261.573+/-0.156 χ^2/NDF : 200162.6/5

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -296.983+/-0.172 χ^2/NDF : 21056.6/4

Left: -277.575+/-0.116 χ^2/NDF : 244478.5/10

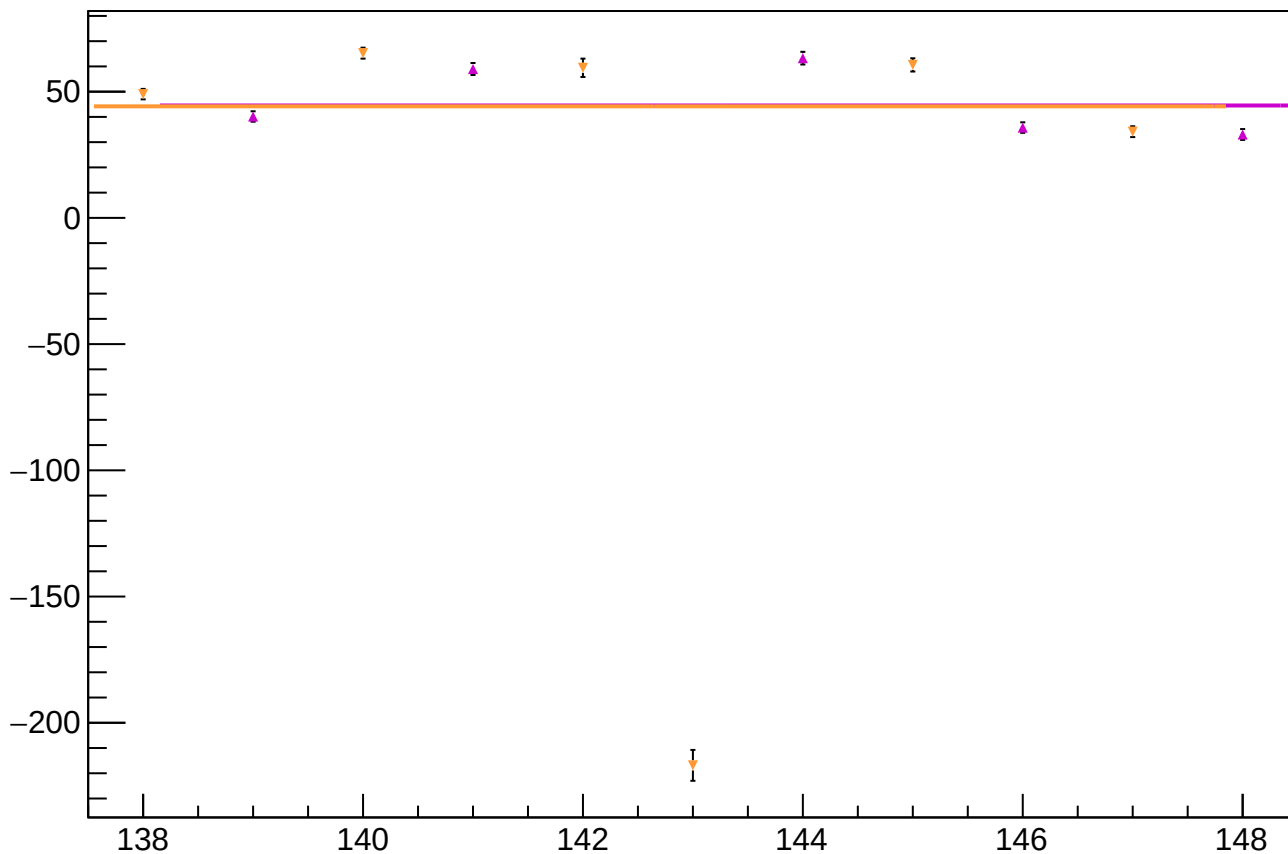
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -261.119+/-0.112 χ^2/NDF : 242226.8/21

Out: -241.859+/-0.105 χ^2/NDF : 322255.1/23

All: -250.838+/-0.077 χ^2/NDF : 580164.3/45

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 44.188+/-1.048 χ^2/NDF :2003.2/5

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: 44.365+/-0.720 χ^2/NDF : 2146.3/10

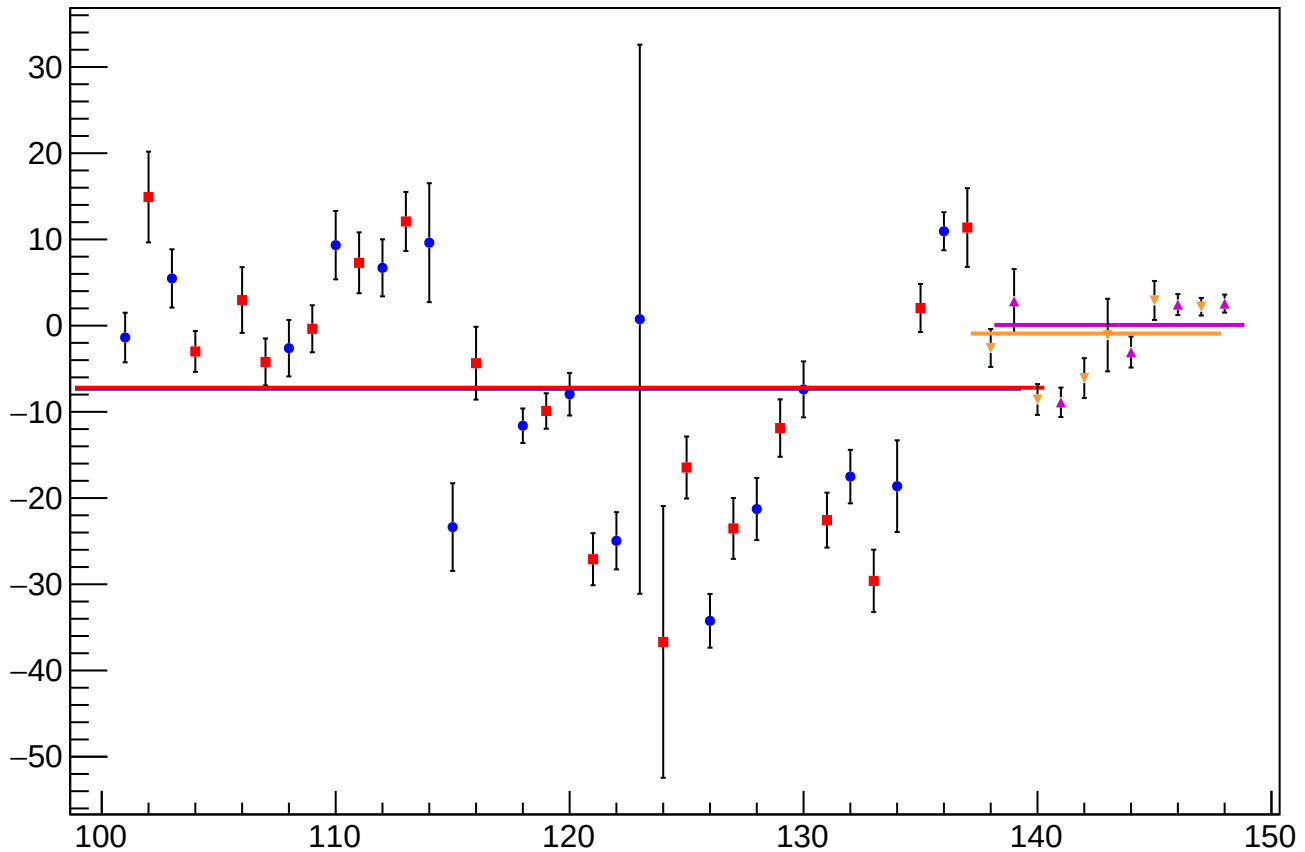
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.523+/-0.993 χ^2/NDF :143.1/4

Out: 44.188+/-1.048 χ^2/NDF :2003.2/5

All: 44.365+/-0.720 χ^2/NDF : 2146.3/10

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -0.912 ± 0.721 χ^2/NDF : 36.2/5

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.080 ± 0.657 χ^2/NDF : 40.7/4

Left: -0.370 ± 0.486 χ^2/NDF : 77.9/10

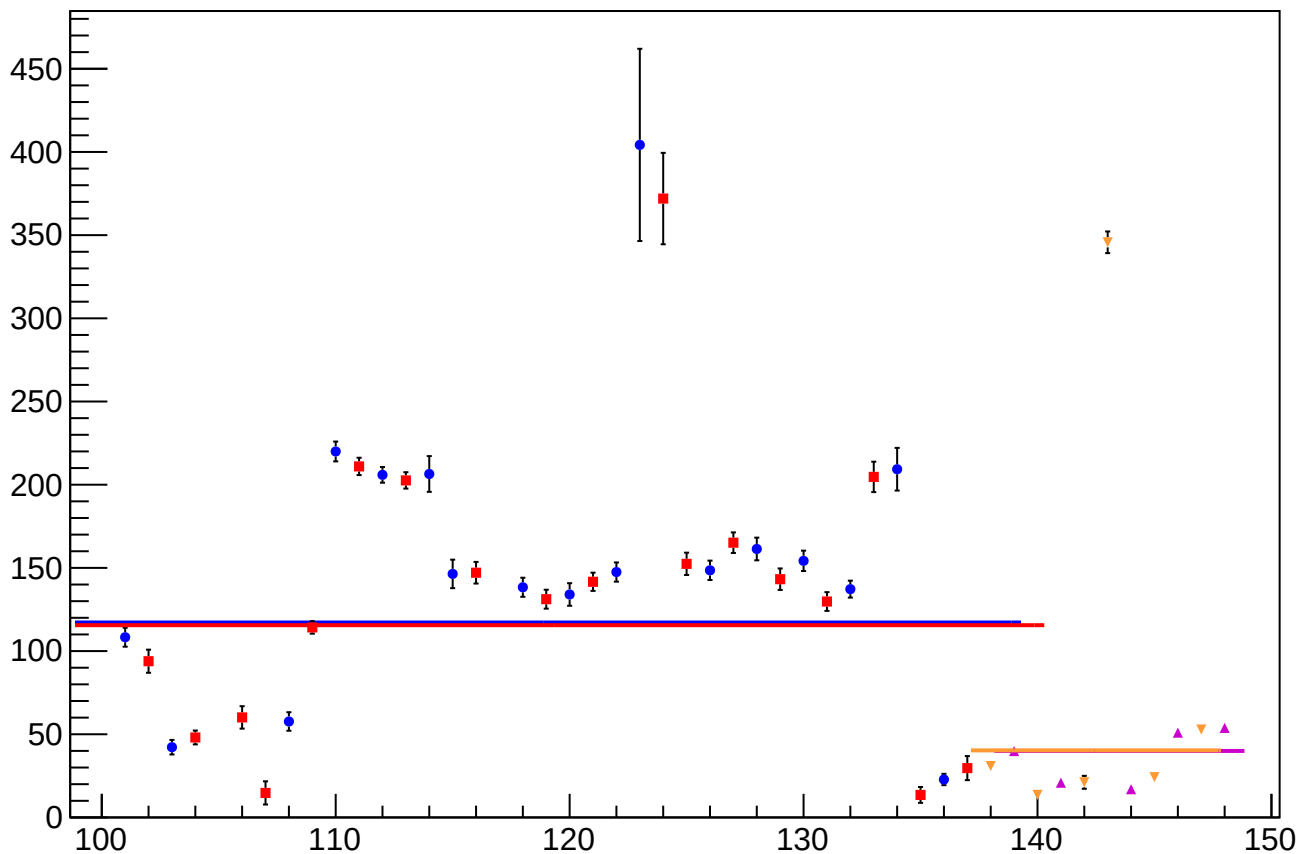
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.987 ± 0.502 χ^2/NDF : 372.3/21

Out: -3.884 ± 0.524 χ^2/NDF : 324.3/23

All: -3.417 ± 0.363 χ^2/NDF : 698.1/45

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 40.305 $\pm$ 1.079 χ^2 /NDF:2445.0/5

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 39.975 $\pm$ 1.004 χ^2 /NDF:207.7/4

Left: 40.128 $\pm$ 0.735 χ^2 /NDF: 2652.7/10

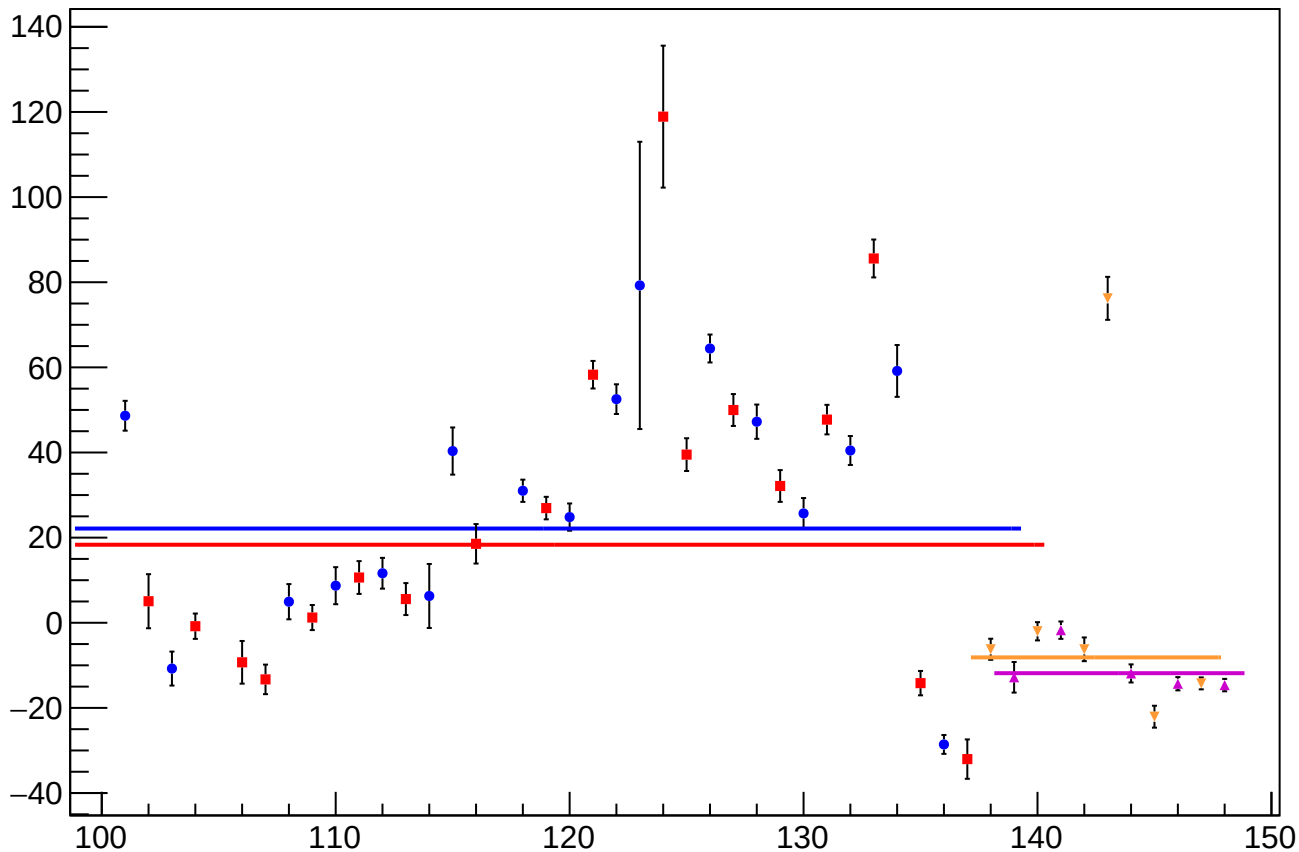
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 65.921 $\pm$ 0.818 χ^2 /NDF:4353.8/21

Out: 69.295 $\pm$ 0.846 χ^2 /NDF:6467.6/23

All: 67.551 $\pm$ 0.588 χ^2 /NDF: 10829.6/45

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -8.134 ± 0.910 $\chi^2/\text{NDF}: 336.7/5$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -11.846 ± 0.840 $\chi^2/\text{NDF}: 30.7/4$

Left: -10.139 ± 0.617 $\chi^2/\text{NDF}: 376.4/10$

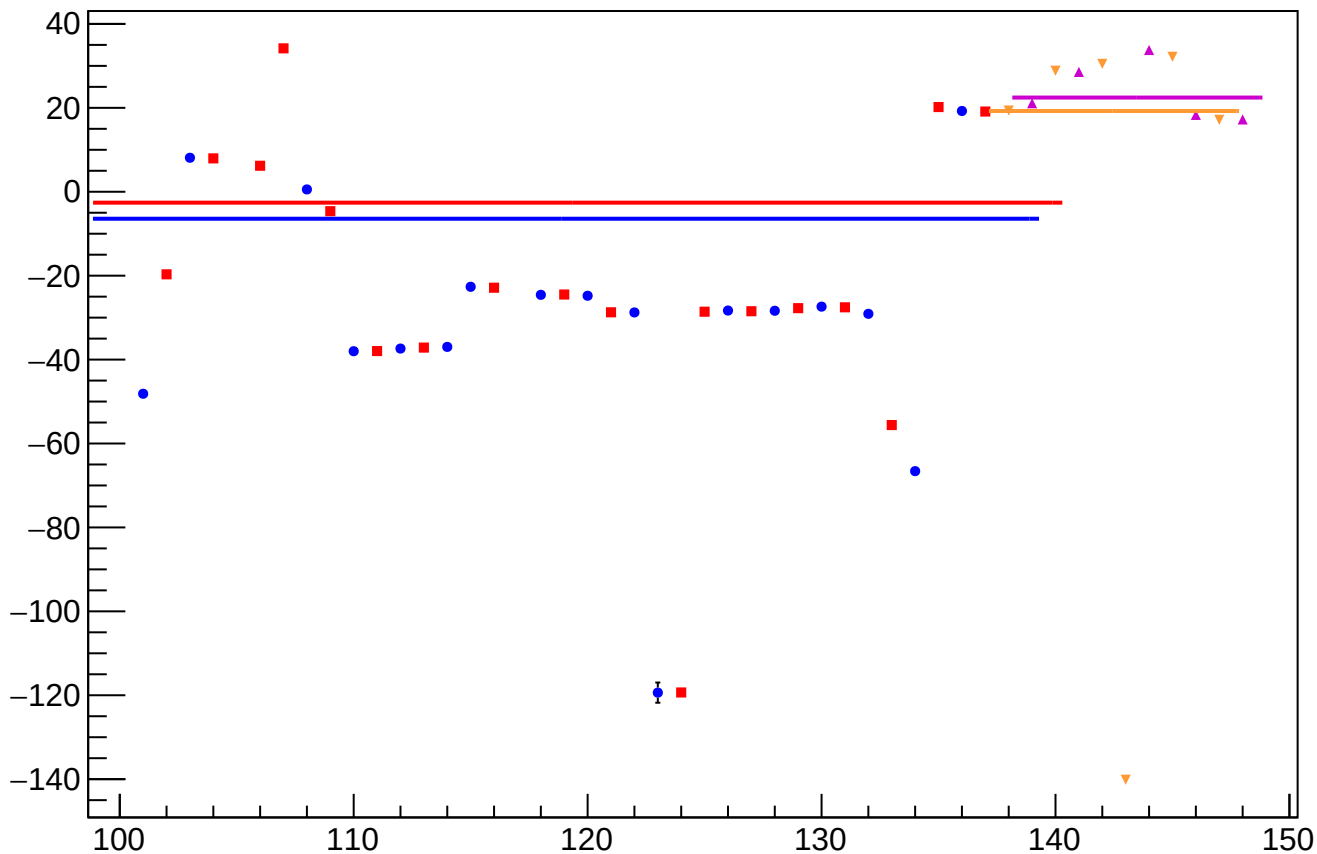
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: 4.141 ± 0.611 $\chi^2/\text{NDF}: 1864.8/21$

Out: 5.669 ± 0.630 $\chi^2/\text{NDF}: 1847.7/23$

All: 4.882 ± 0.439 $\chi^2/\text{NDF}: 3715.6/45$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 19.251+/-0.045 χ^2/NDF :398405.5/5

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 22.450+/-0.041 χ^2/NDF :18846.1/4

Left: 20.996+/-0.031 χ^2/NDF : 419960.0/10

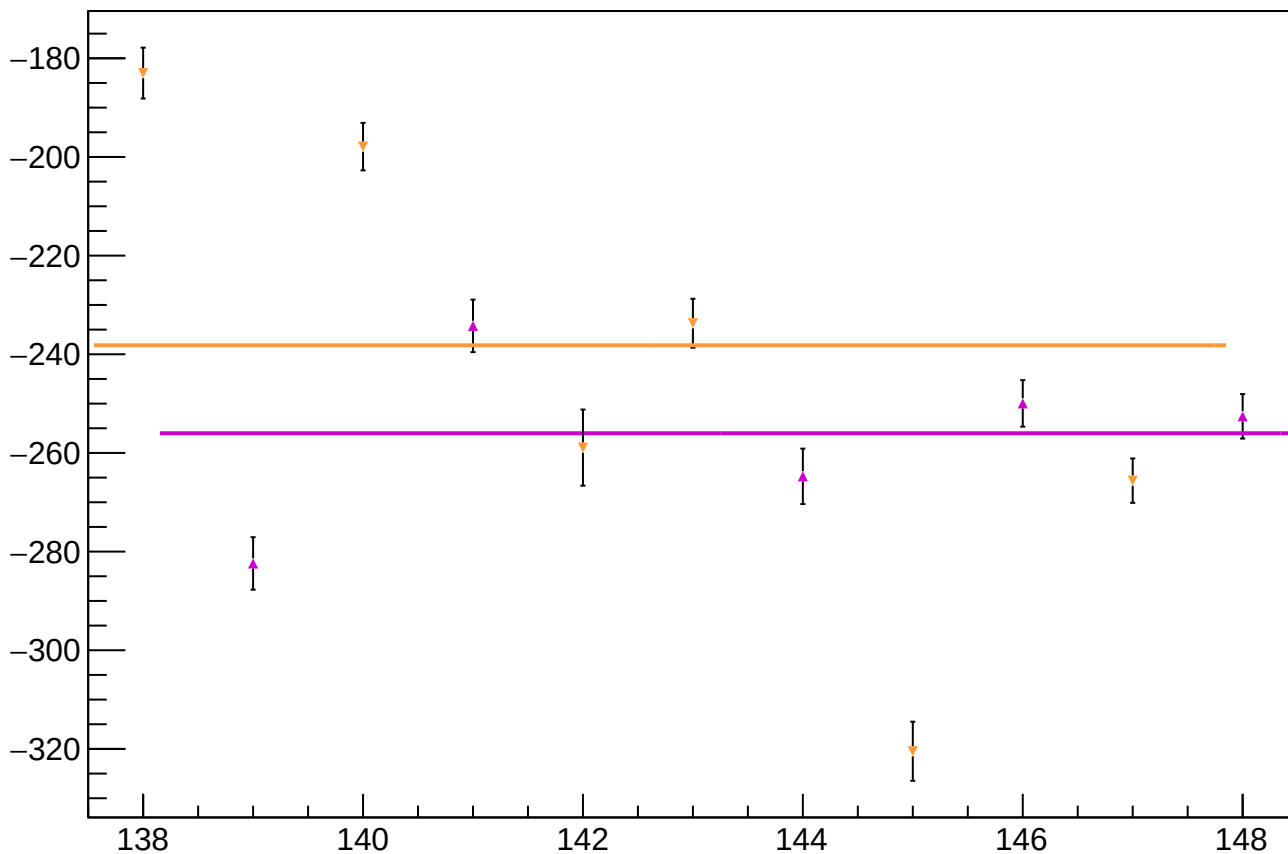
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 9.577+/-0.031 χ^2/NDF :500430.1/21

Out: 8.415+/-0.032 χ^2/NDF :776815.1/23

All: 9.021+/-0.022 χ^2/NDF : 1277922.2/45

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -238.185+/-2.154 χ^2/NDF : 418.6/5

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: -246.683+/-1.558 χ^2/NDF : 497.3/10

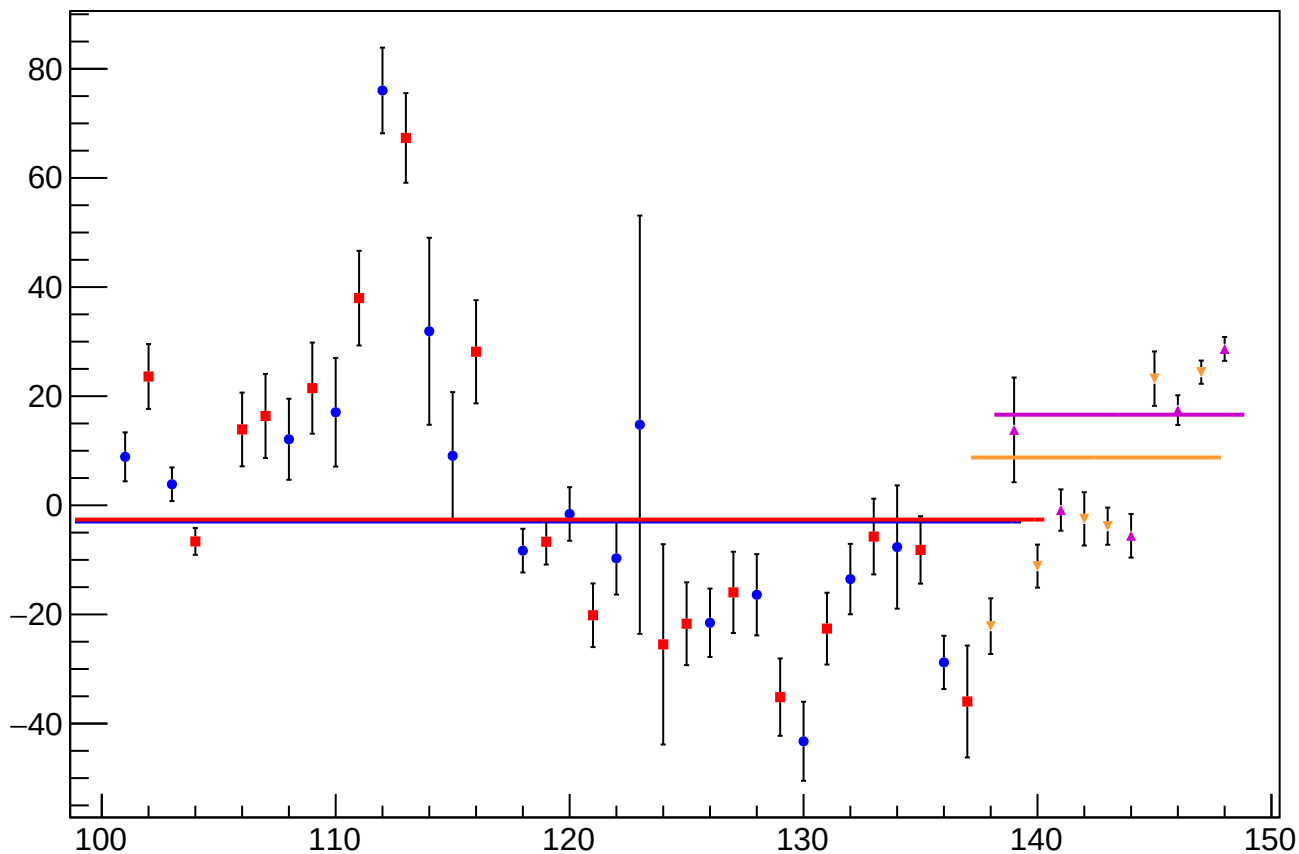
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.013+/-2.256 χ^2/NDF : 46.0/4

Out: -238.185+/-2.154 χ^2/NDF : 418.6/5

All: -246.683+/-1.558 χ^2/NDF : 497.3/10

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 8.763 ± 1.426 χ^2/NDF : 143.5/5

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 16.610 ± 1.432 χ^2/NDF : 82.7/4

Left: 12.670 ± 1.011 χ^2/NDF : 241.2/10

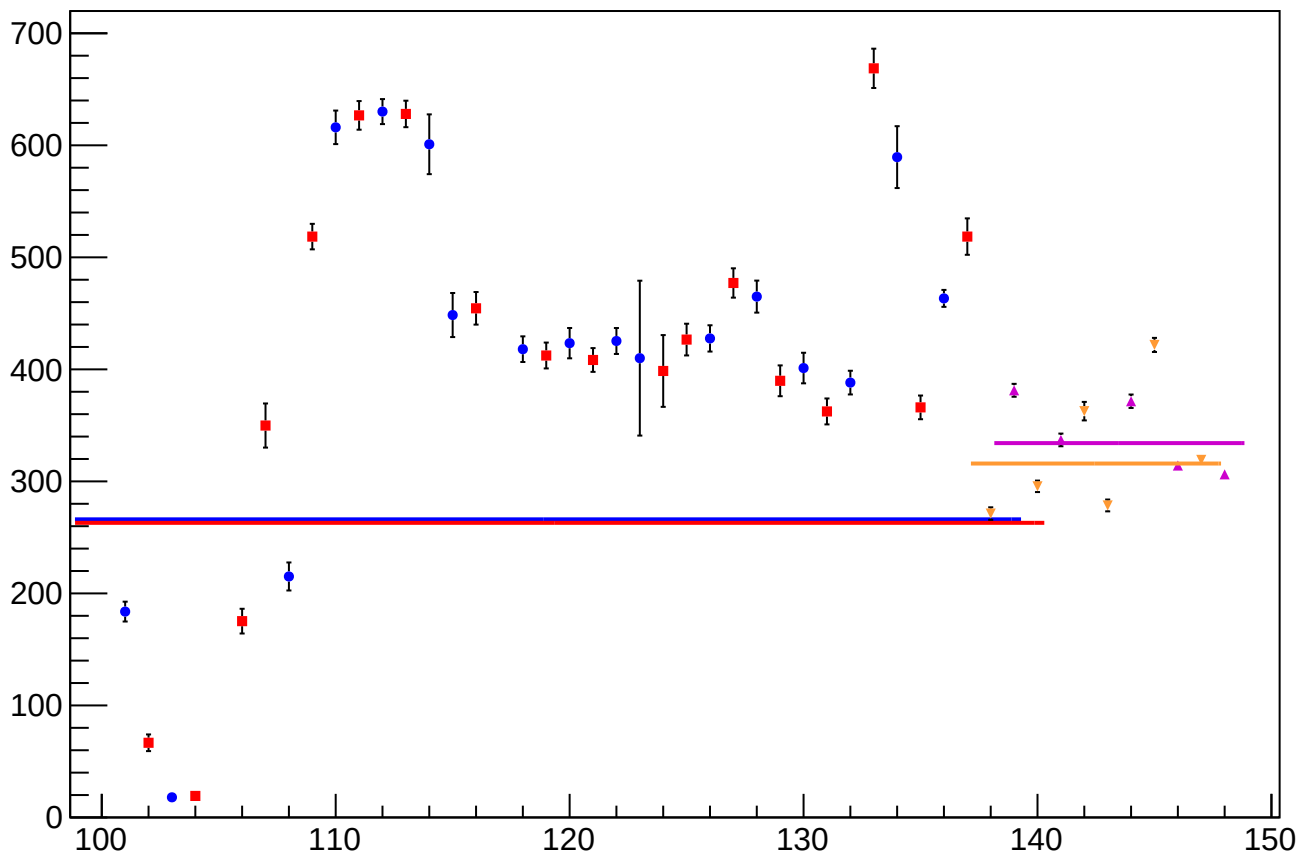
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 6.961 ± 1.020 χ^2/NDF : 378.3/21

Out: 2.964 ± 0.999 χ^2/NDF : 386.4/23

All: 4.920 ± 0.714 χ^2/NDF : 772.5/45

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 315.937 $\pm$ 2.222 χ^2 /NDF:445.4/5

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 334.168 $\pm$ 2.269 χ^2 /NDF:169.2/4

Left: 324.863 $\pm$ 1.587 χ^2 /NDF: 647.6/10

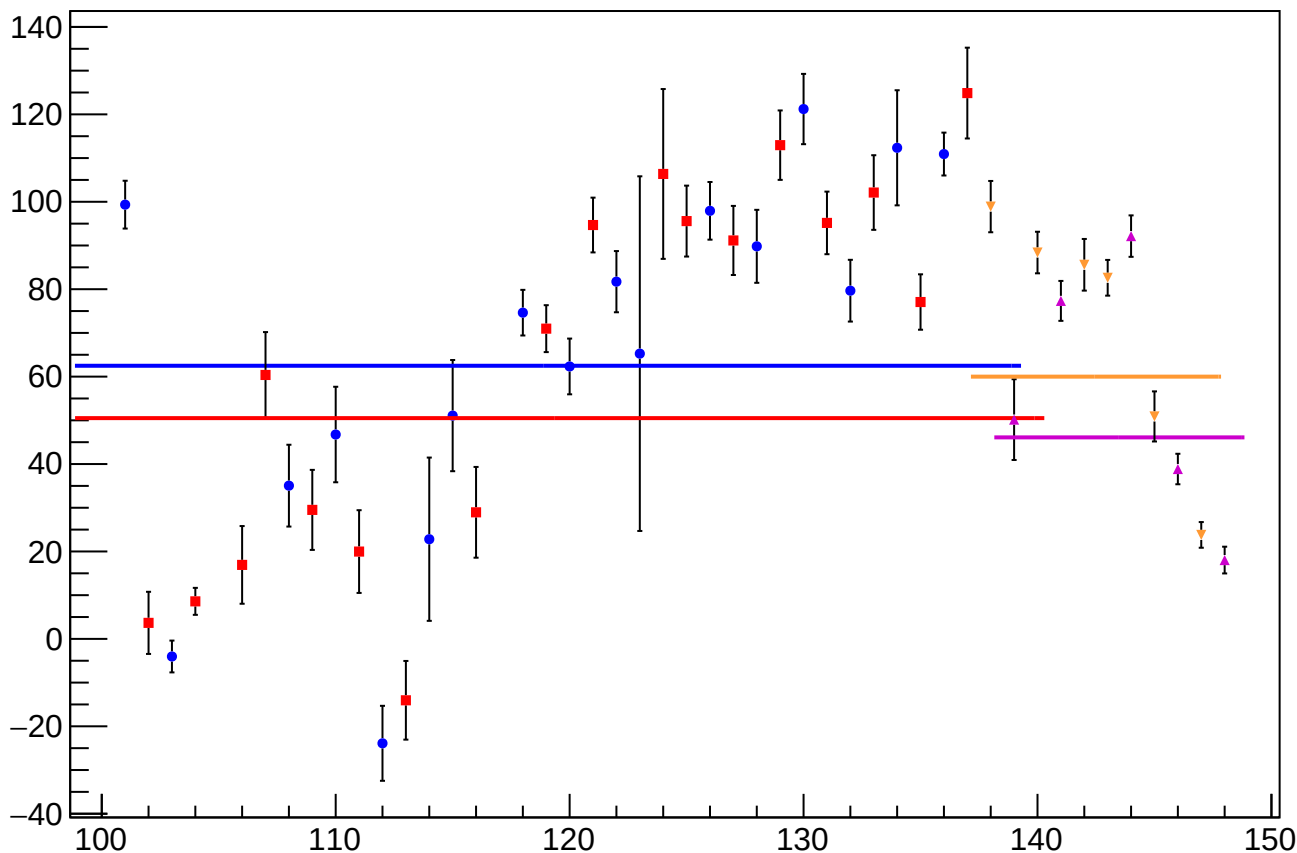
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 303.166 $\pm$ 1.674 χ^2 /NDF:8223.2/21

Out: 292.223 $\pm$ 1.651 χ^2 /NDF:8871.7/23

All: 297.619 $\pm$ 1.175 χ^2 /NDF: 17116.5/45

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 χ^2/NDF : 720.8/16

Left Out: 59.997 ± 1.802 χ^2/NDF : 283.3/5

Right Out: 50.506 ± 1.644 χ^2/NDF : 650.6/17

Left In: 46.099 ± 1.847 χ^2/NDF : 229.7/4

Left: 53.220 ± 1.290 χ^2/NDF : 542.1/10

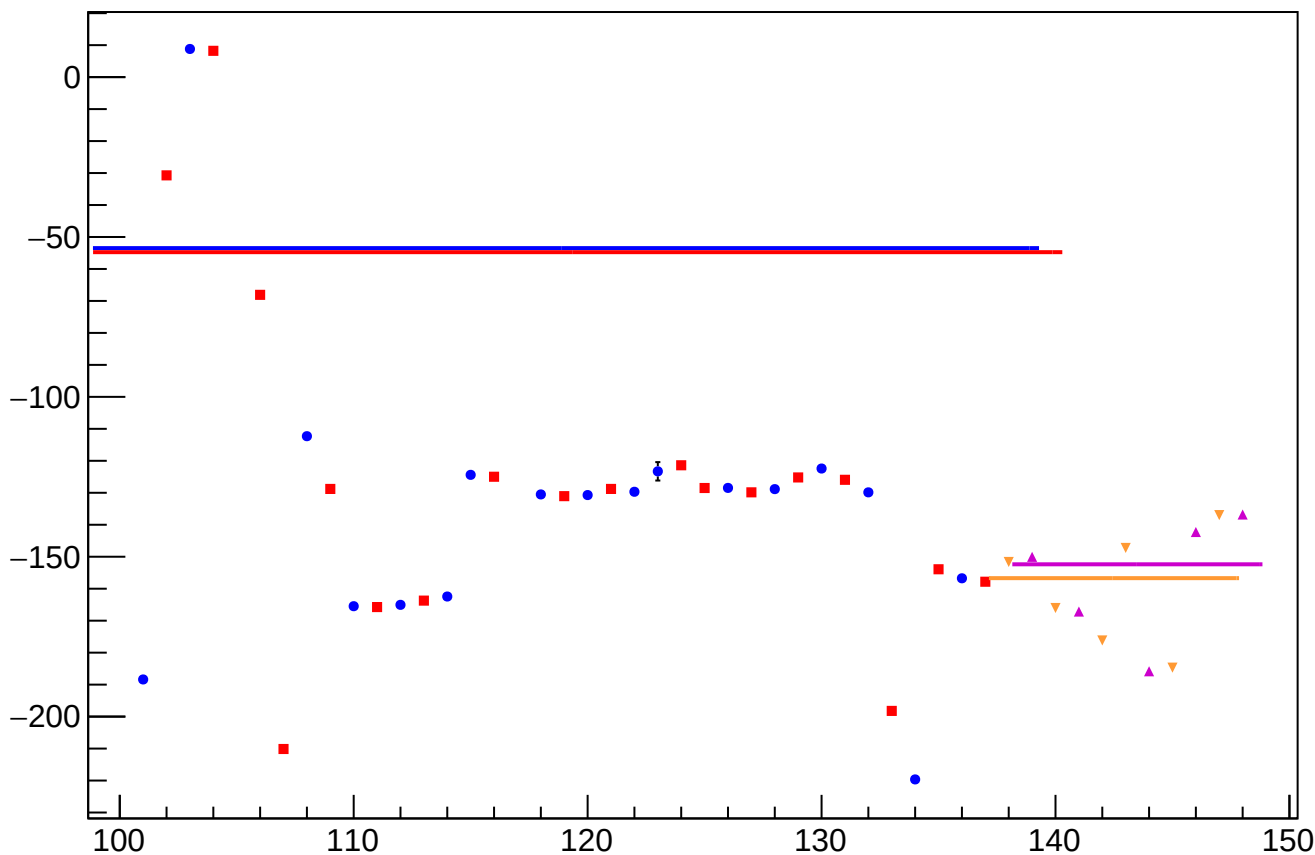
Right: 56.364 ± 1.175 χ^2/NDF : 1397.3/34

In: 55.061 ± 1.243 χ^2/NDF : 993.6/21

Out: 54.819 ± 1.215 χ^2/NDF : 949.1/23

All: 54.937 ± 0.869 χ^2/NDF : 1942.6/45

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -156.699 ± 0.094 $\chi^2/\text{NDF}: 30299.6/5$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -152.369 ± 0.095 $\chi^2/\text{NDF}: 30249.4/4$

Left: -154.551 ± 0.067 $\chi^2/\text{NDF}: 61601.4/10$

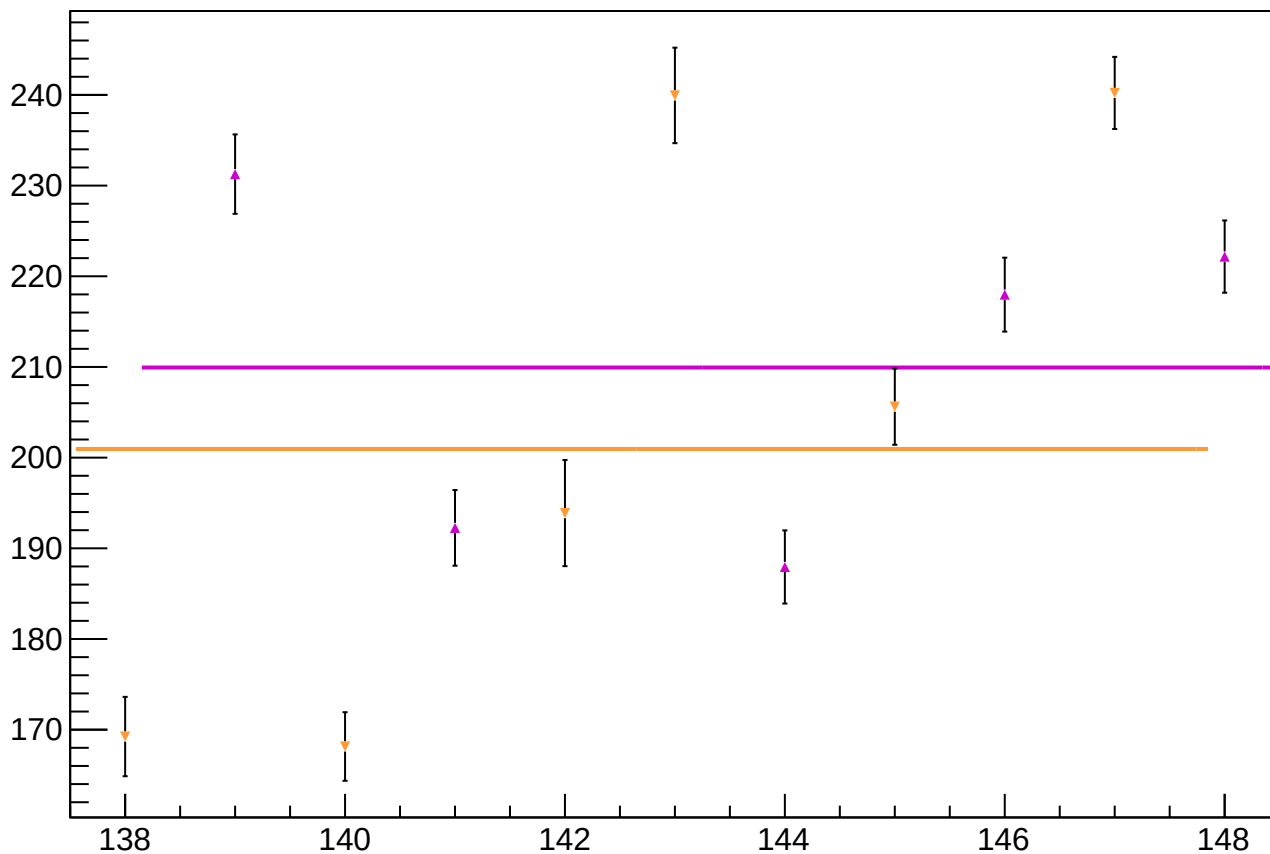
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -88.603 ± 0.056 $\chi^2/\text{NDF}: 1961563.3/21$

Out: -92.522 ± 0.057 $\chi^2/\text{NDF}: 1722896.2/23$

All: -90.536 ± 0.040 $\chi^2/\text{NDF}: 3686835.5/45$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 200.955+/-1.804 χ^2/NDF :282.9/5

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: 205.348+/-1.289 χ^2/NDF : 379.8/10

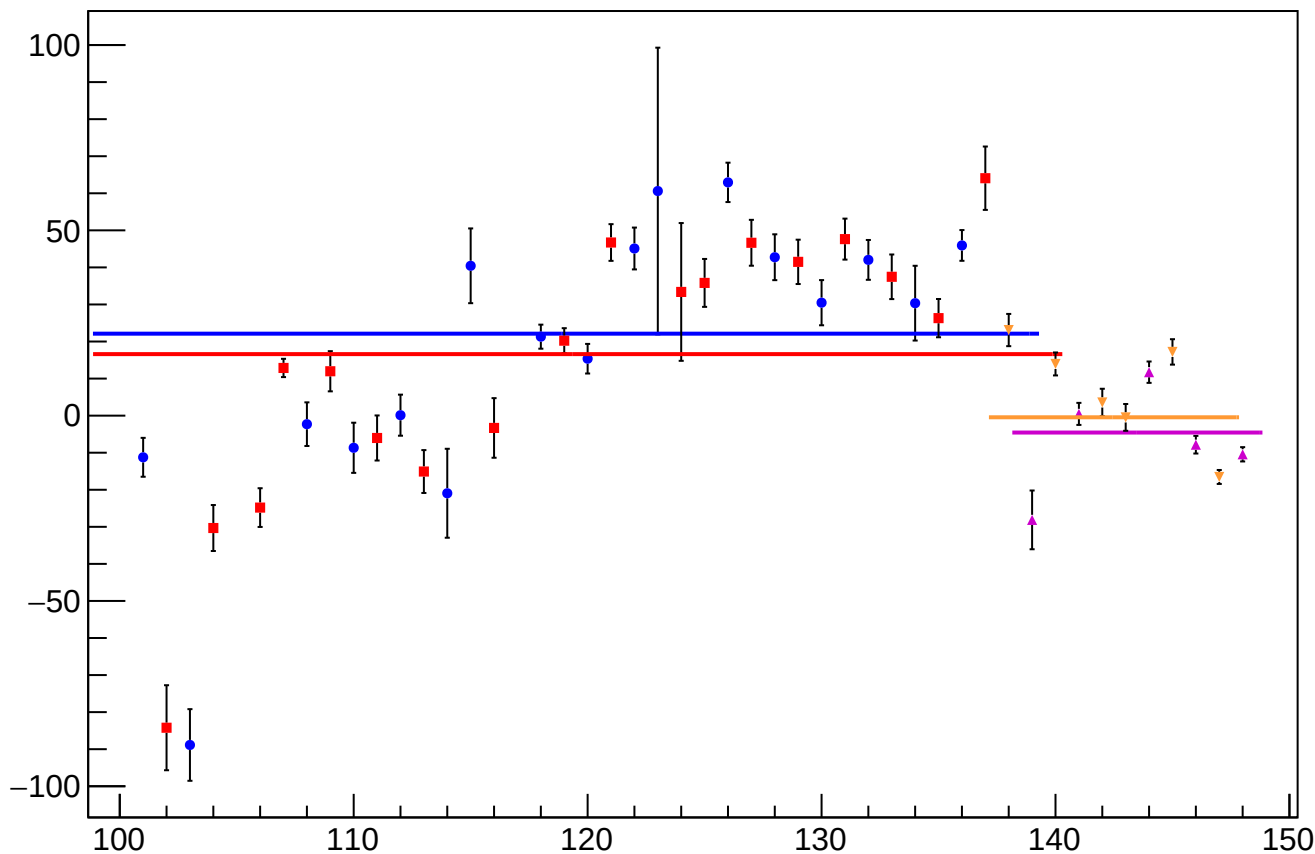
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.937+/-1.844 χ^2/NDF :84.7/4

Out: 200.955+/-1.804 χ^2/NDF :282.9/5

All: 205.348+/-1.289 χ^2/NDF : 379.8/10

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: -0.445+/-1.219 χ^2/NDF : 151.5/5

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: -4.561+/-1.200 χ^2/NDF : 54.8/4

Left: -2.535+/-0.855 χ^2/NDF : 212.1/10

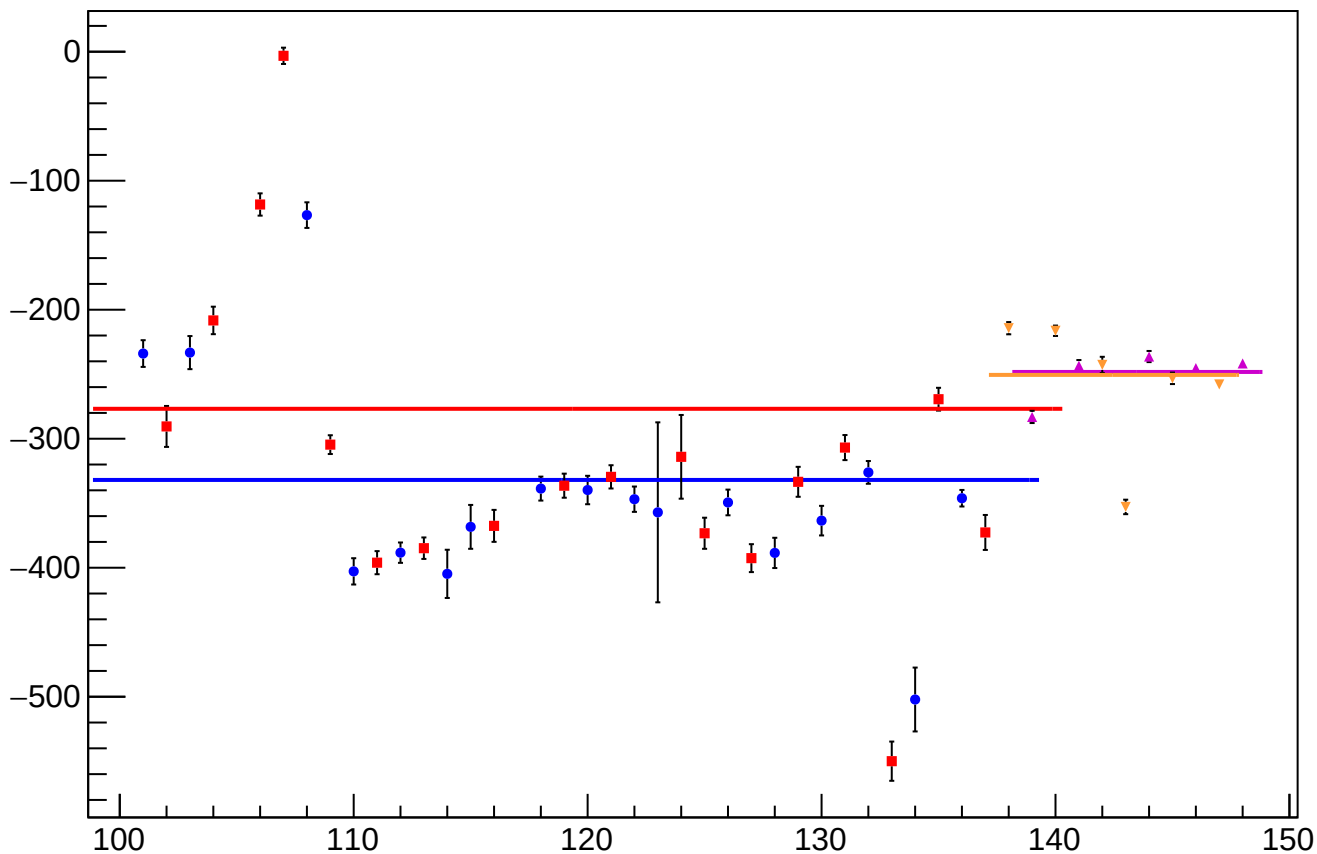
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 6.962+/-0.905 χ^2/NDF : 650.2/21

Out: 8.006+/-0.865 χ^2/NDF : 665.4/23

All: 7.507+/-0.625 χ^2/NDF : 1316.3/45

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -250.524 ± 1.869 χ^2/NDF : 468.4/5

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -248.243 ± 1.868 χ^2/NDF : 66.7/4

Left: -249.383 ± 1.321 χ^2/NDF : 535.8/10

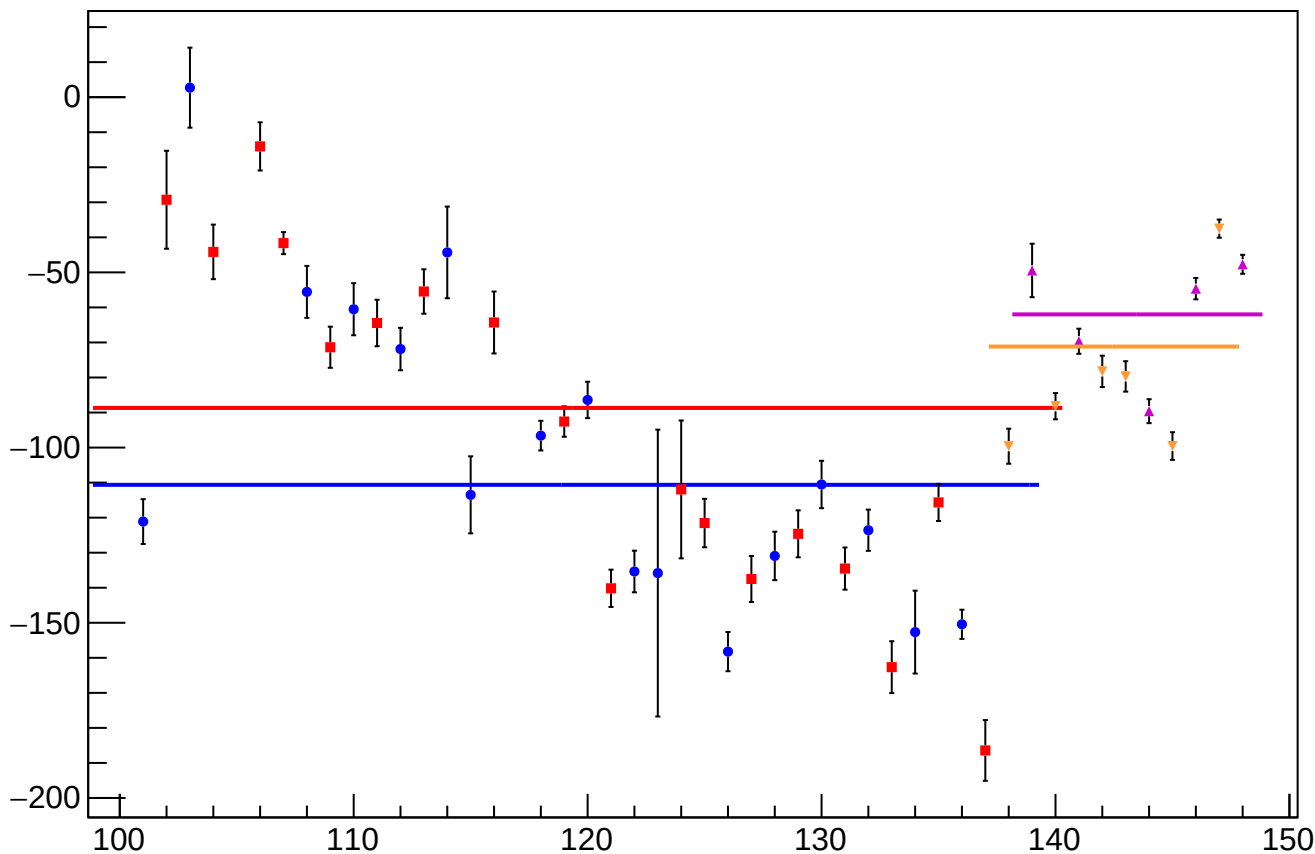
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -277.218 ± 1.510 χ^2/NDF : 1547.5/21

Out: -260.815 ± 1.458 χ^2/NDF : 3876.2/23

All: -268.725 ± 1.049 χ^2/NDF : 5484.7/45

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.172 ± 1.530 χ^2/NDF : 279.1/5

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -61.988 ± 1.532 χ^2/NDF : 106.5/4

Left: -66.585 ± 1.083 χ^2/NDF : 403.6/10

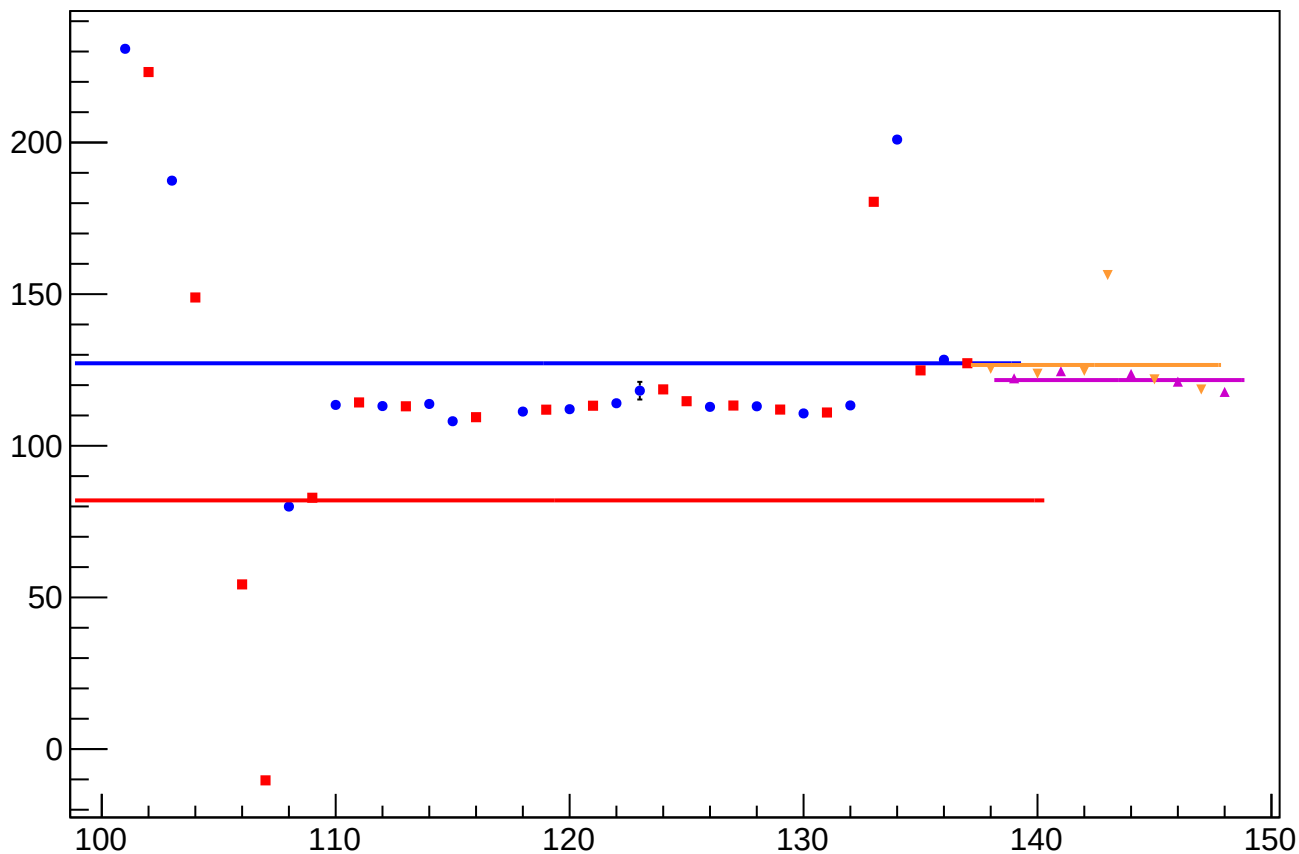
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -85.546 ± 1.100 χ^2/NDF : 1103.5/21

Out: -80.493 ± 1.047 χ^2/NDF : 1312.8/23

All: -82.893 ± 0.758 χ^2/NDF : 2427.4/45

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 126.649 $\pm$ 0.079 χ^2 /NDF: 20410.1/5

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 121.671 $\pm$ 0.078 χ^2 /NDF: 994.6/4

Left: 124.133 $\pm$ 0.055 χ^2 /NDF: 23423.4/10

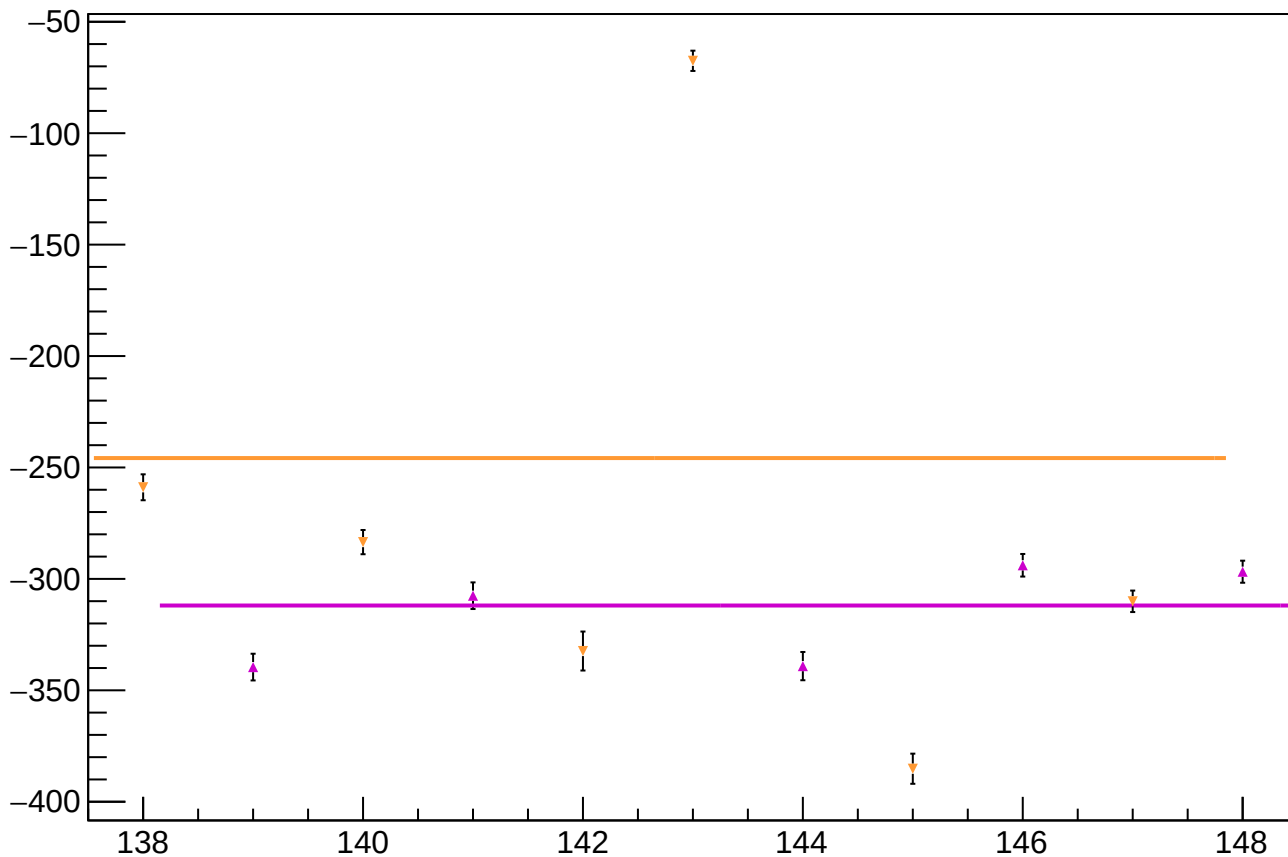
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 124.068 $\pm$ 0.059 χ^2 /NDF: 191205.5/21

Out: 103.377 $\pm$ 0.054 χ^2 /NDF: 937811.8/23

All: 112.961 $\pm$ 0.040 χ^2 /NDF: 1195798.5/45

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.780+/-2.296 χ^2/NDF : 2289.4/5

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: -276.102+/-1.690 χ^2/NDF : 2732.2/10

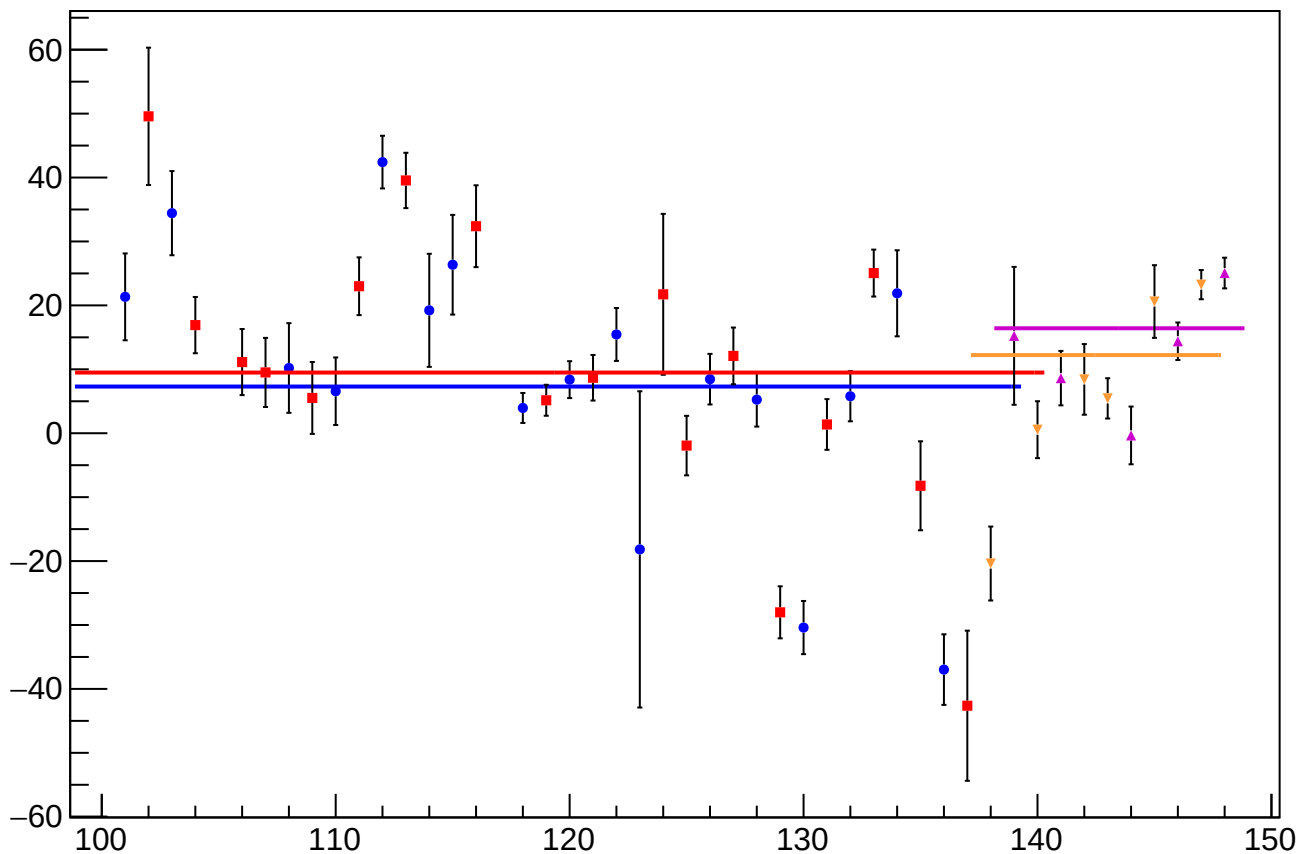
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -311.947+/-2.496 χ^2/NDF : 62.3/4

Out: -245.780+/-2.296 χ^2/NDF : 2289.4/5

All: -276.102+/-1.690 χ^2/NDF : 2732.2/10

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 12.228 ± 1.514 χ^2/NDF : 69.2/5

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 16.418 ± 1.576 χ^2/NDF : 30.6/4

Left: 14.238 ± 1.092 χ^2/NDF : 103.5/10

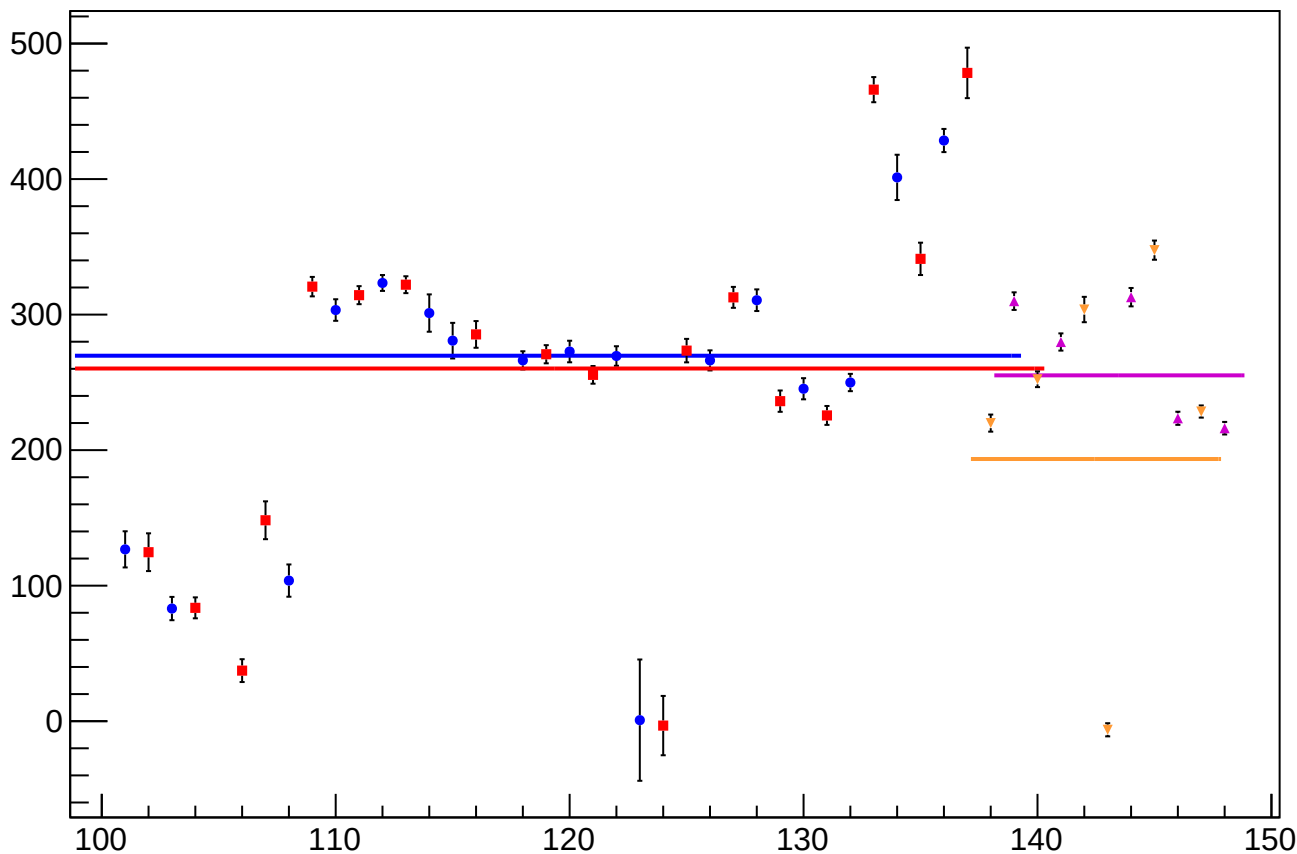
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 10.235 ± 0.894 χ^2/NDF : 313.9/21

Out: 10.408 ± 0.875 χ^2/NDF : 302.5/23

All: 10.323 ± 0.625 χ^2/NDF : 616.5/45

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 193.457 $\pm$ 2.369 χ^2 /NDF:2488.9/5

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 255.174 $\pm$ 2.505 χ^2 /NDF:272.0/4

Left: 222.597 $\pm$ 1.721 χ^2 /NDF: 3081.4/10

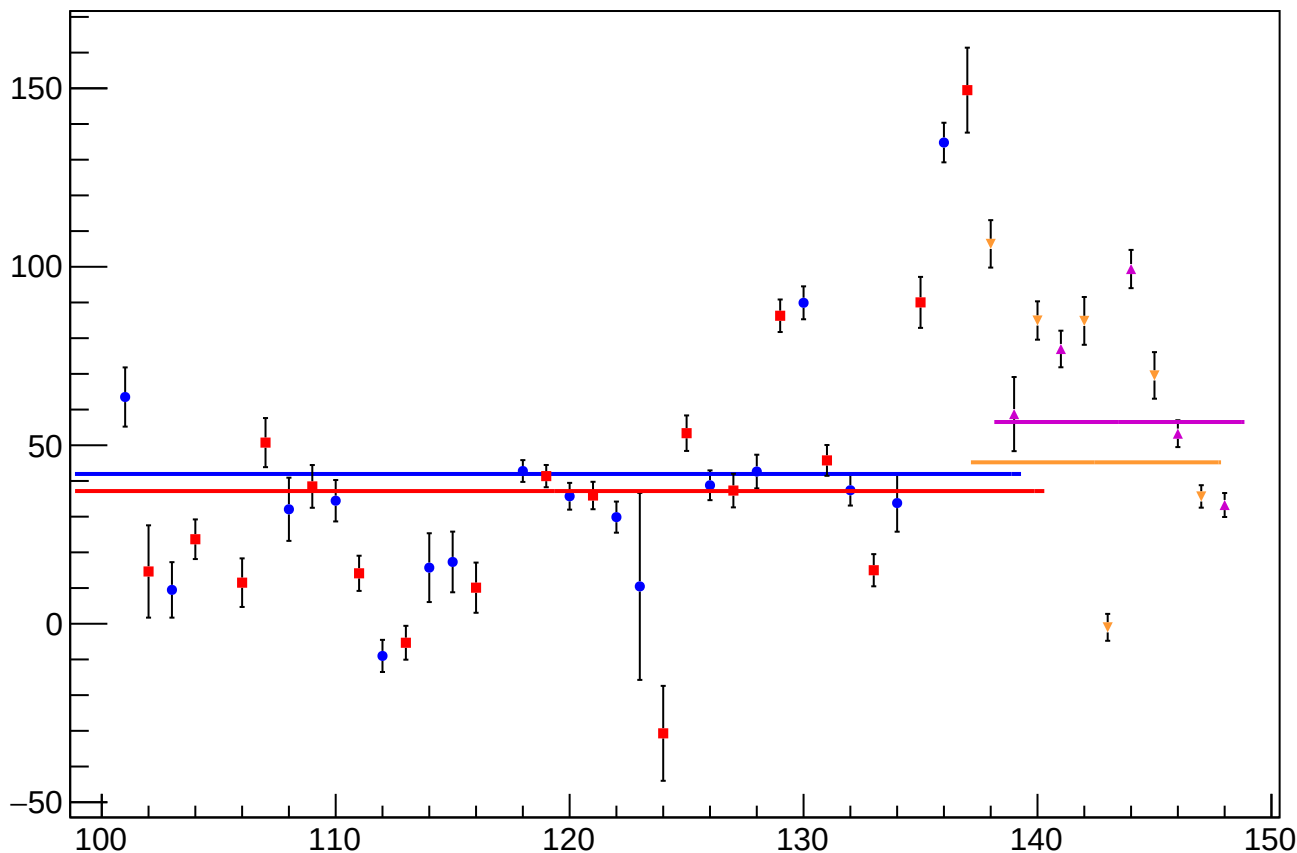
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 263.763 $\pm$ 1.598 χ^2 /NDF:1668.5/21

Out: 232.786 $\pm$ 1.519 χ^2 /NDF:5484.8/23

All: 247.483 $\pm$ 1.101 χ^2 /NDF: 7350.7/45

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 45.221+/-1.909 χ^2/NDF :348.1/5

Right Out: 37.171+/-1.236 χ^2/NDF : 470.9/17

Left In: 56.517+/-2.035 χ^2/NDF :128.7/4

Left: 50.509+/-1.392 χ^2/NDF : 493.2/10

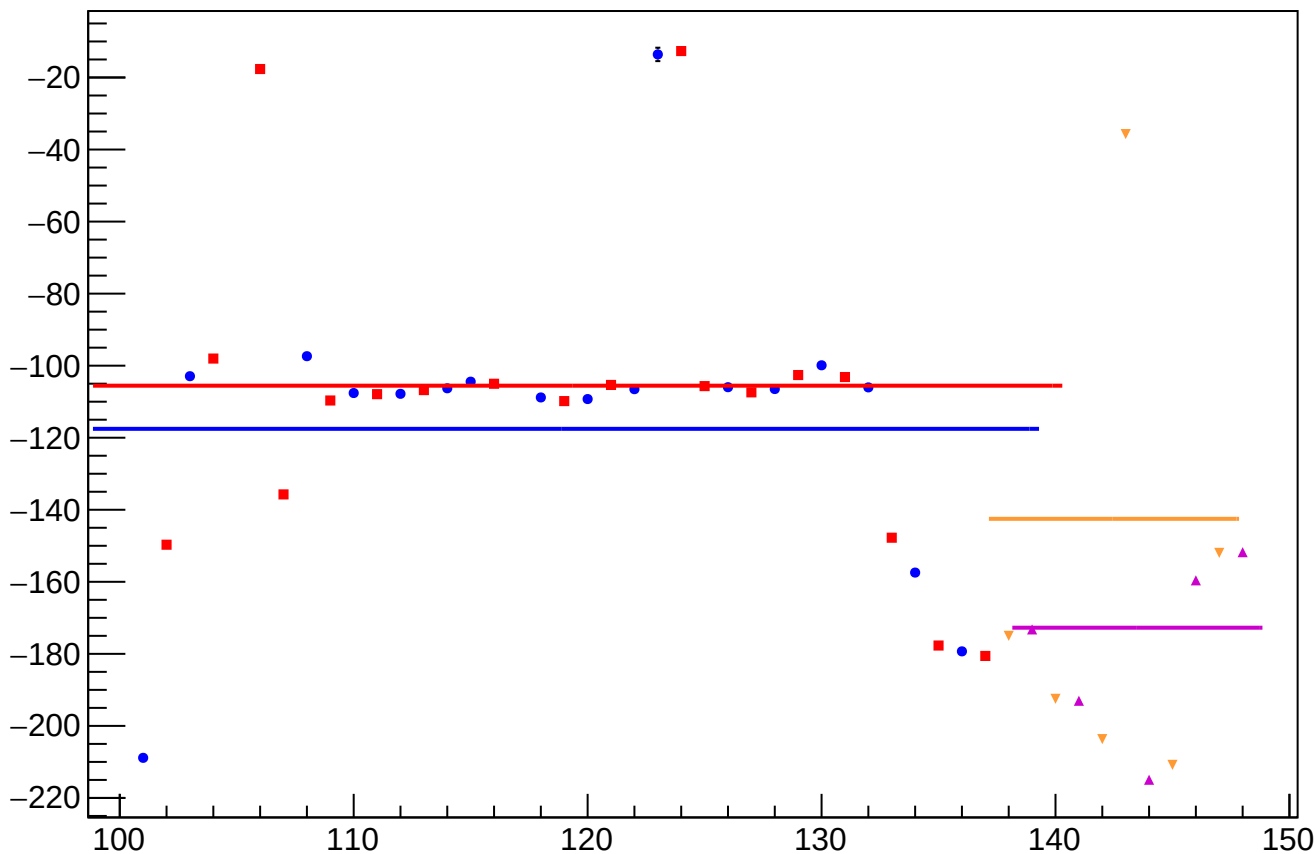
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/34

In: 45.986+/-1.070 χ^2/NDF :740.0/21

Out: 39.549+/-1.038 χ^2/NDF :831.5/23

All: 42.668+/-0.745 χ^2/NDF : 1590.1/45

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -142.516+/-0.100 χ^2/NDF : 444041.9/5

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -172.741+/-0.105 χ^2/NDF : 40972.0/4

Left: -156.914+/-0.072 χ^2/NDF : 528520.1/10

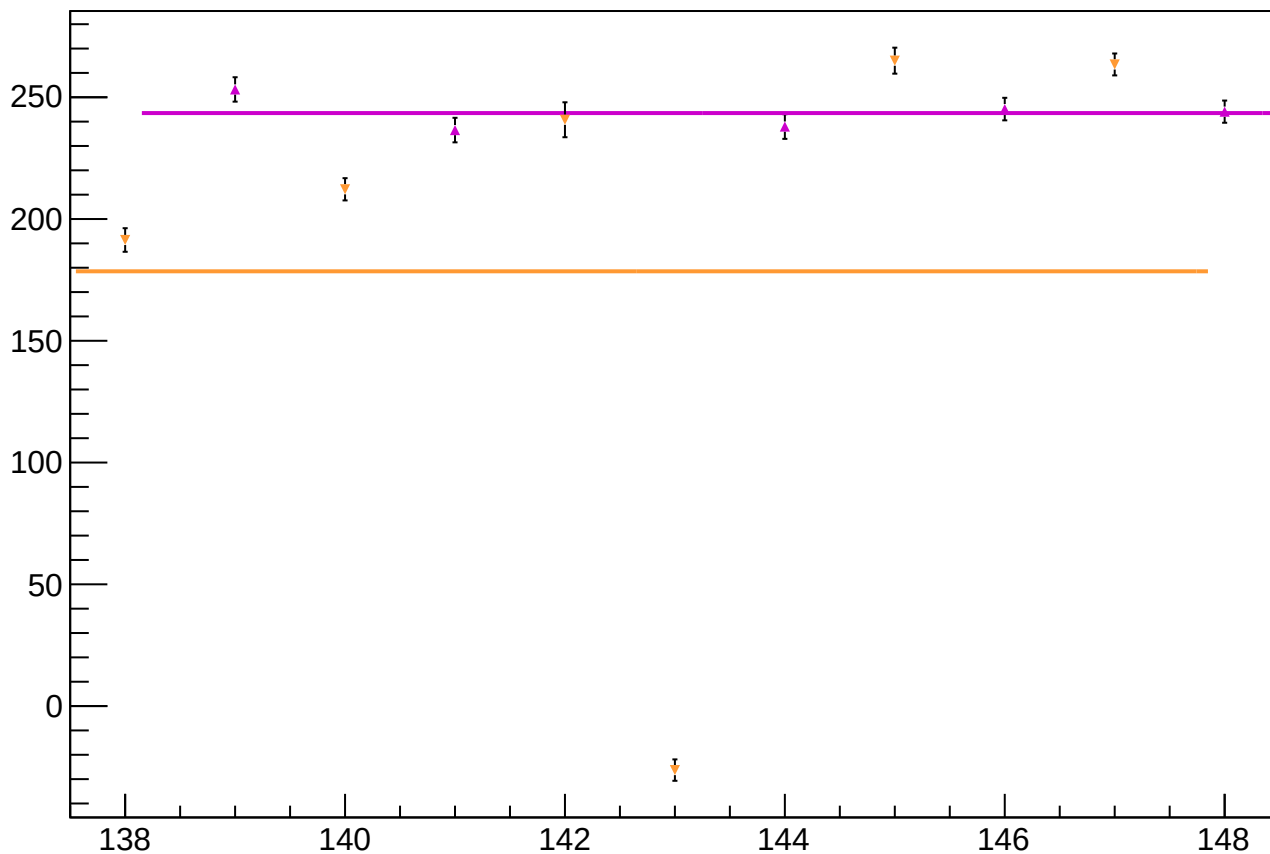
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -137.240+/-0.063 χ^2/NDF : 361263.8/21

Out: -118.373+/-0.059 χ^2/NDF : 850690.1/23

All: -127.225+/-0.043 χ^2/NDF : 1260098.0/45

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 178.530+/-2.015 χ^2/NDF :2927.5/5

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: 208.687+/-1.475 χ^2/NDF : 3416.9/10

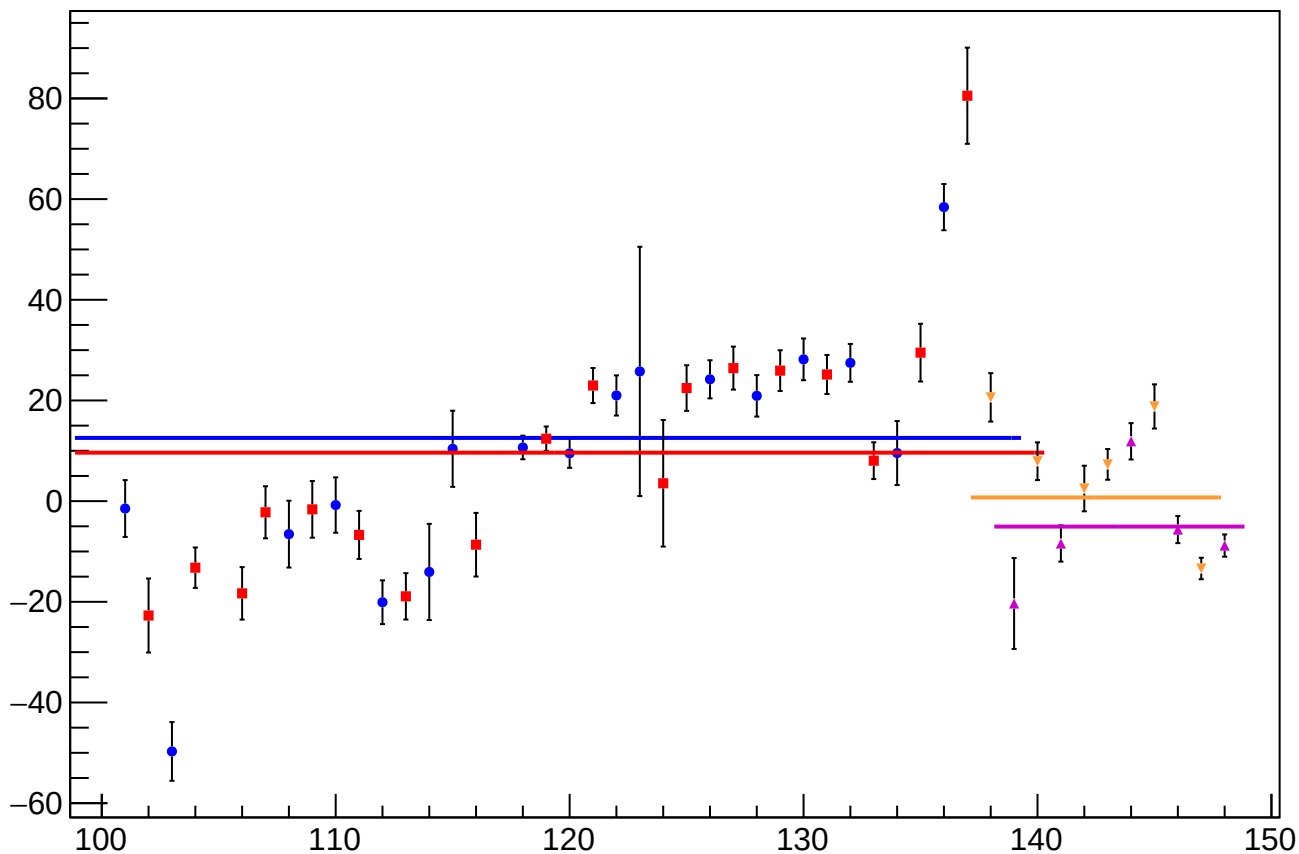
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.508+/-2.166 χ^2/NDF :7.0/4

Out: 178.530+/-2.015 χ^2/NDF :2927.5/5

All: 208.687+/-1.475 χ^2/NDF : 3416.9/10

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 0.729+/-1.357 χ^2/NDF : 86.4/5

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: -5.054+/-1.402 χ^2/NDF : 28.7/4

Left: -2.069+/-0.975 χ^2/NDF : 123.9/10

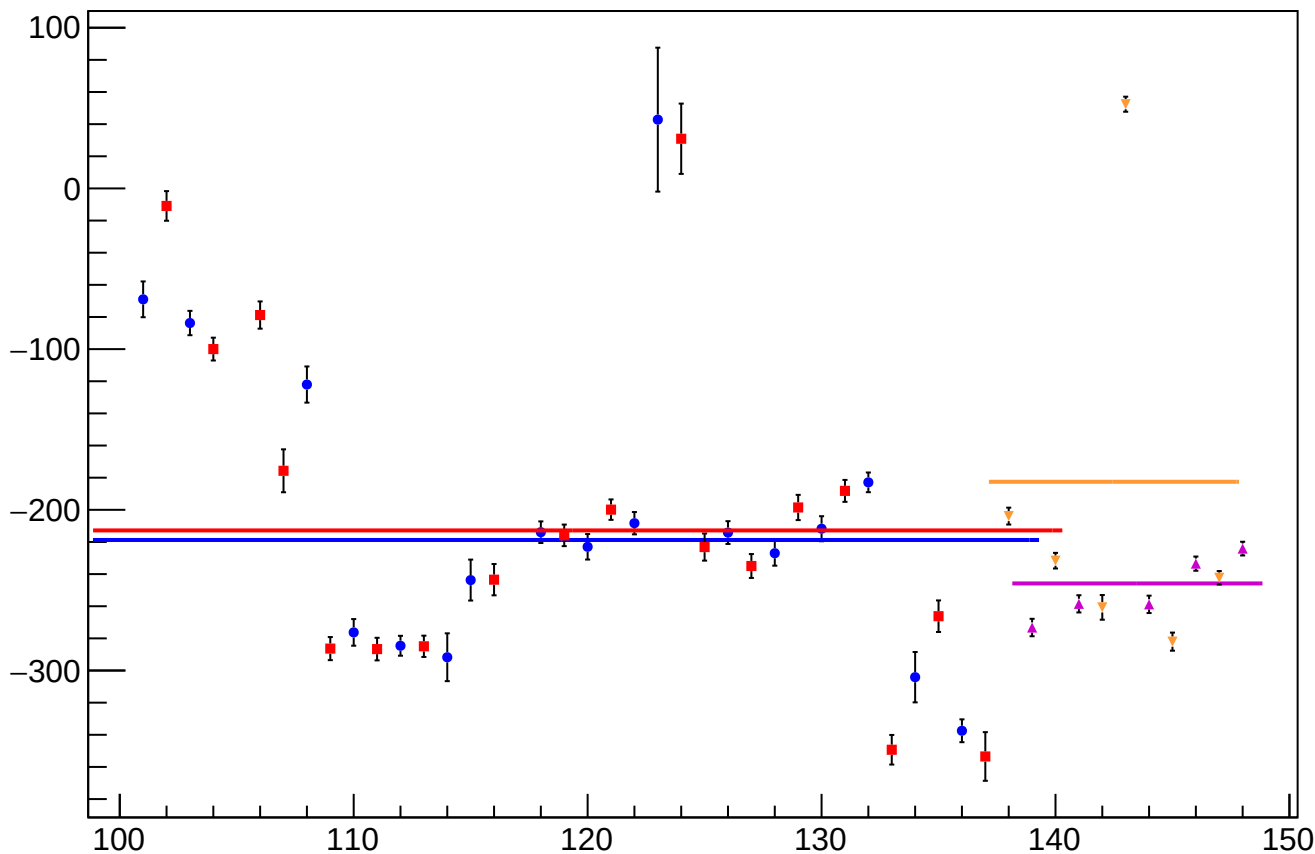
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.172+/-0.844 χ^2/NDF : 477.9/21

Out: 6.301+/-0.830 χ^2/NDF : 400.7/23

All: 6.238+/-0.592 χ^2/NDF : 878.7/45

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -182.550 ± 2.089 χ^2/NDF : 3247.4/5

Right Out: -212.817 ± 1.926 χ^2/NDF : 1824.5/17

Left In: -245.808 ± 2.188 χ^2/NDF : 70.5/4

Left: -212.727 ± 1.511 χ^2/NDF : 3755.2/10

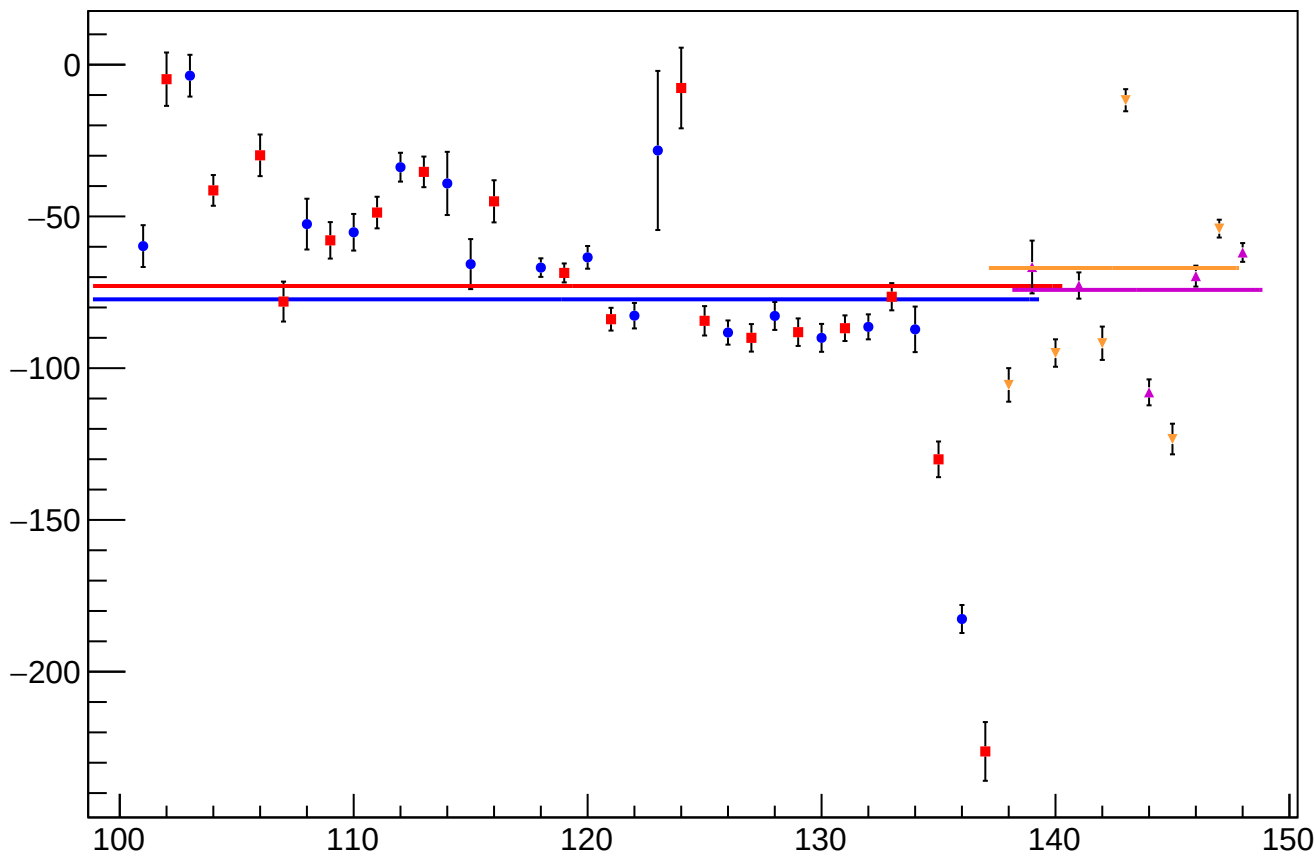
Right: -215.666 ± 1.391 χ^2/NDF : 2973.5/34

In: -231.148 ± 1.480 χ^2/NDF : 1297.7/21

Out: -198.911 ± 1.416 χ^2/NDF : 5185.3/23

All: -214.318 ± 1.023 χ^2/NDF : 6730.7/45

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -66.988 ± 1.702 χ^2/NDF : 481.8/5

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -74.200 ± 1.796 χ^2/NDF : 80.8/4

Left: -70.400 ± 1.236 χ^2/NDF : 571.1/10

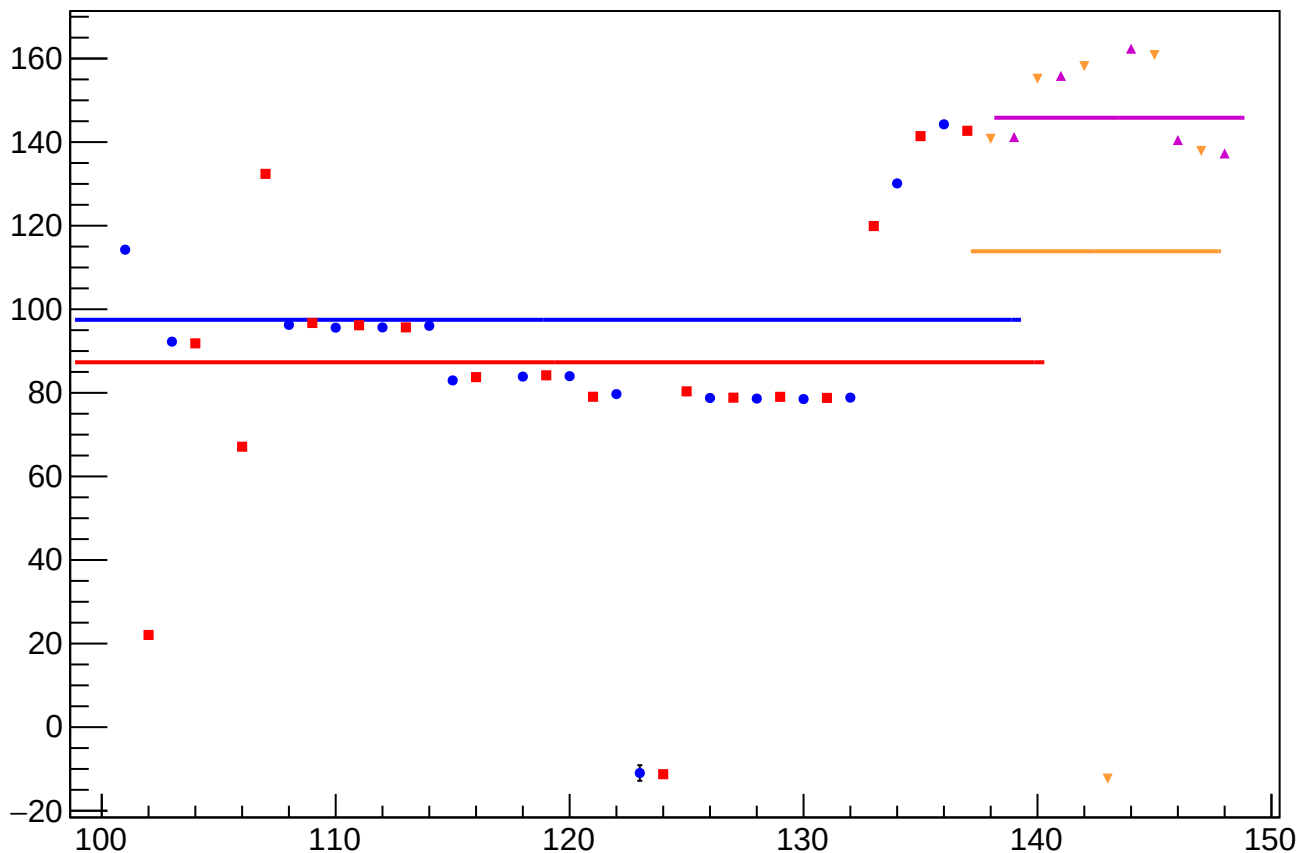
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.332 ± 1.010 χ^2/NDF : 900.6/21

Out: -70.935 ± 0.985 χ^2/NDF : 1150.7/23

All: -73.565 ± 0.705 χ^2/NDF : 2065.9/45

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 113.881+/-0.088 χ^2/NDF : 583959.4/5

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 145.829+/-0.091 χ^2/NDF : 10464.3/4

Left: 129.260+/-0.063 χ^2/NDF : 658139.0/10

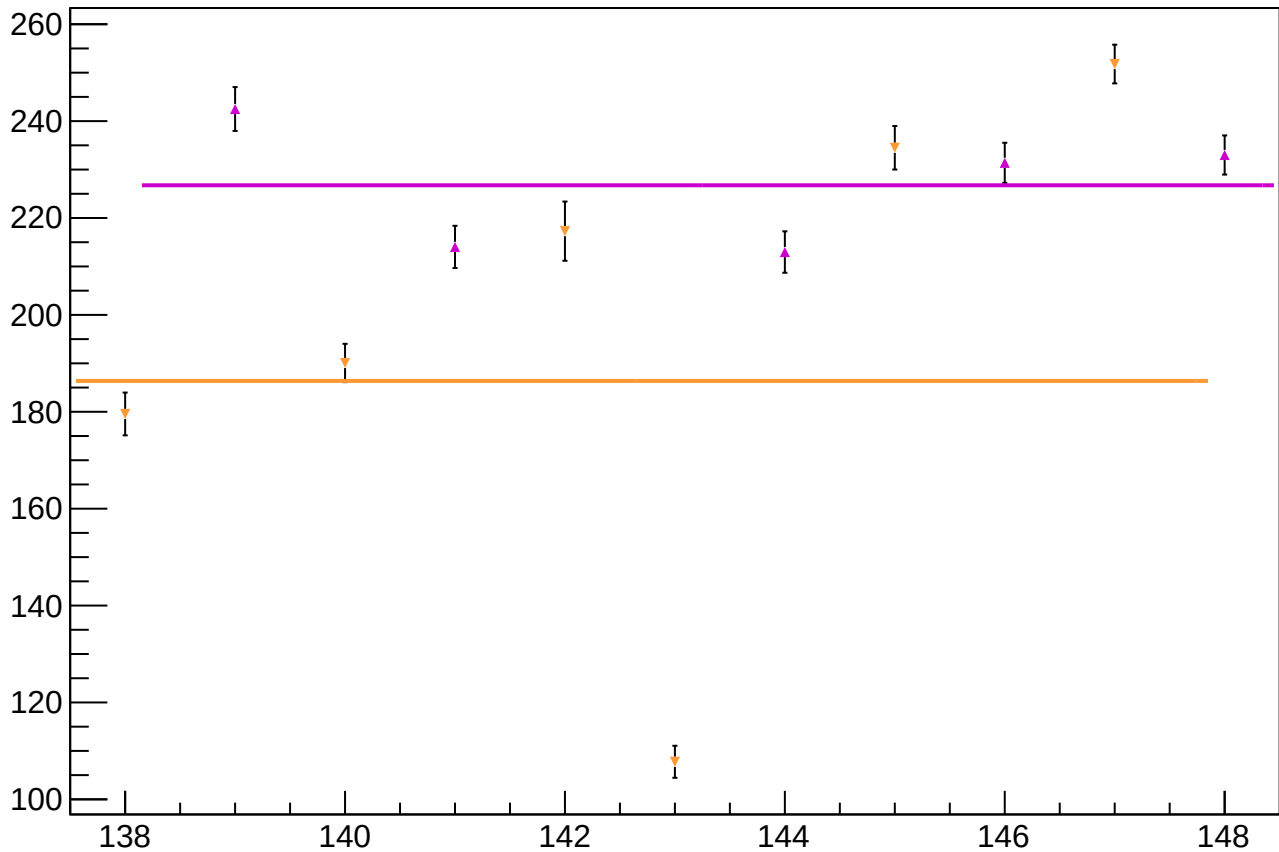
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 116.491+/-0.057 χ^2/NDF : 275585.1/21

Out: 97.337+/-0.054 χ^2/NDF : 862807.0/23

All: 106.359+/-0.039 χ^2/NDF : 1197800.3/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 186.370+/-1.701 χ^2/NDF :976.8/5

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: 204.293+/-1.269 χ^2/NDF : 1261.6/10

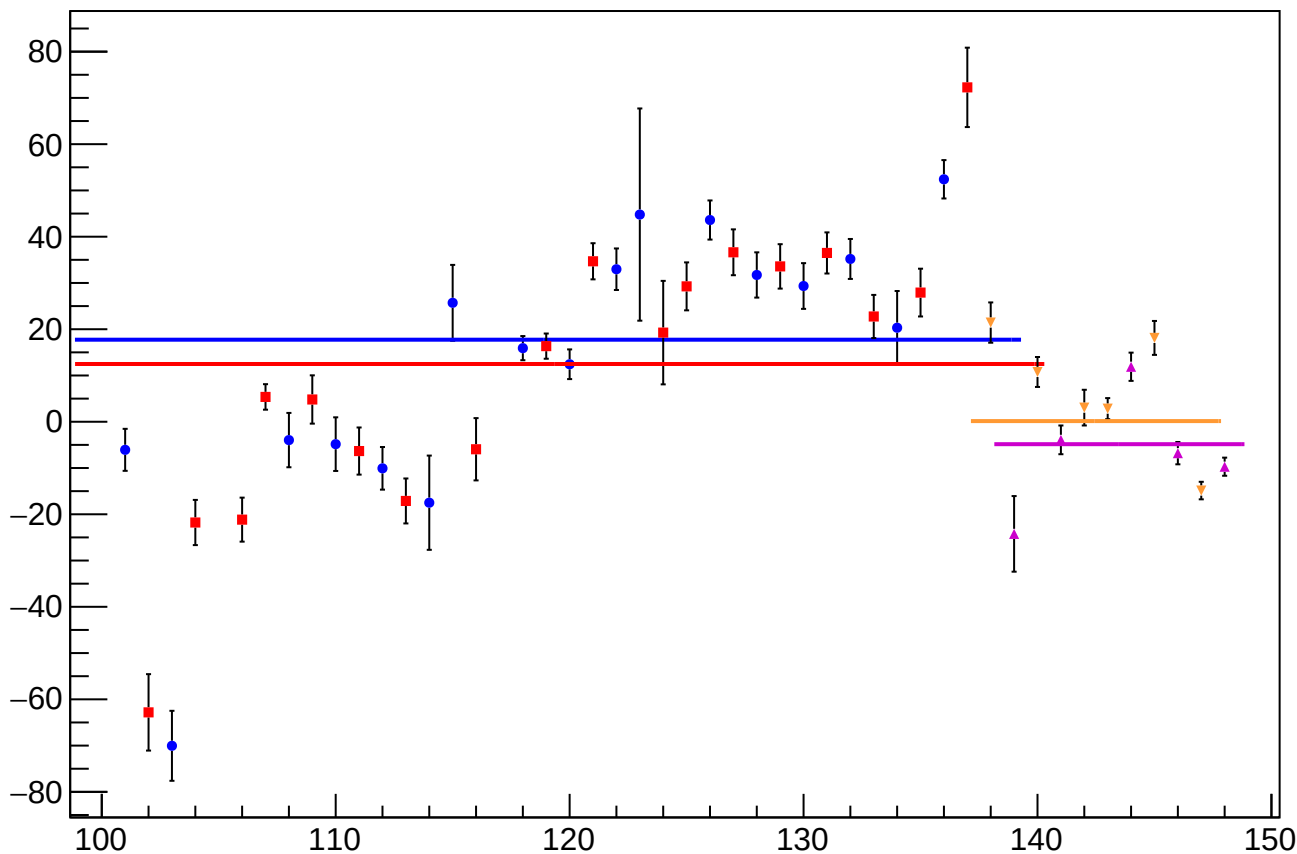
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.752+/-1.904 χ^2/NDF :34.7/4

Out: 186.370+/-1.701 χ^2/NDF :976.8/5

All: 204.293+/-1.269 χ^2/NDF : 1261.6/10

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 0.143 ± 1.146 $\chi^2/\text{NDF}: 123.6/5$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -4.848 ± 1.232 $\chi^2/\text{NDF}: 42.6/4$

Left: -2.173 ± 0.839 $\chi^2/\text{NDF}: 175.0/10$

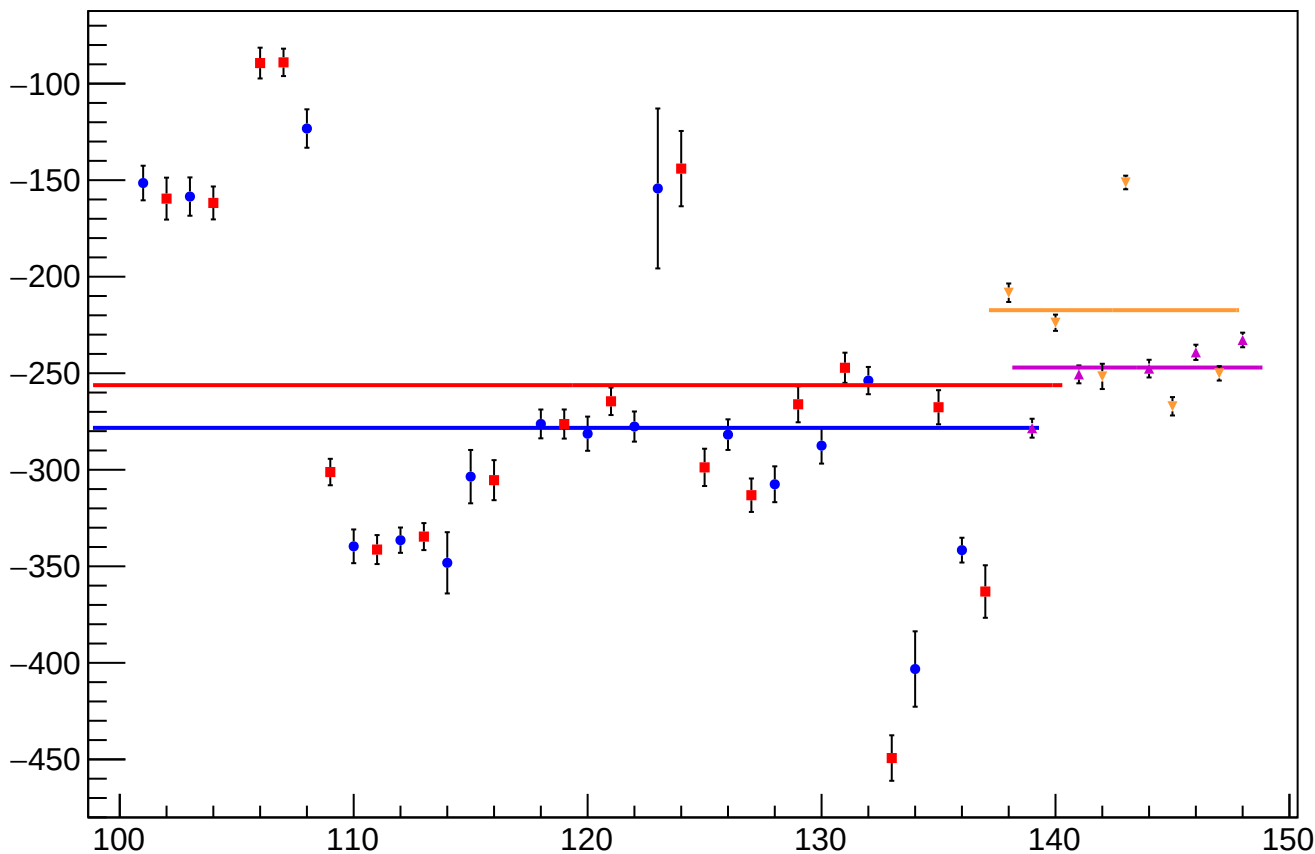
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 7.236 ± 0.840 $\chi^2/\text{NDF}: 616.4/21$

Out: 6.651 ± 0.788 $\chi^2/\text{NDF}: 613.9/23$

All: 6.925 ± 0.575 $\chi^2/\text{NDF}: 1230.5/45$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -217.340 ± 1.768 χ^2/NDF : 571.6/5

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -247.051 ± 1.926 χ^2/NDF : 59.9/4

Left: -230.933 ± 1.302 χ^2/NDF : 760.7/10

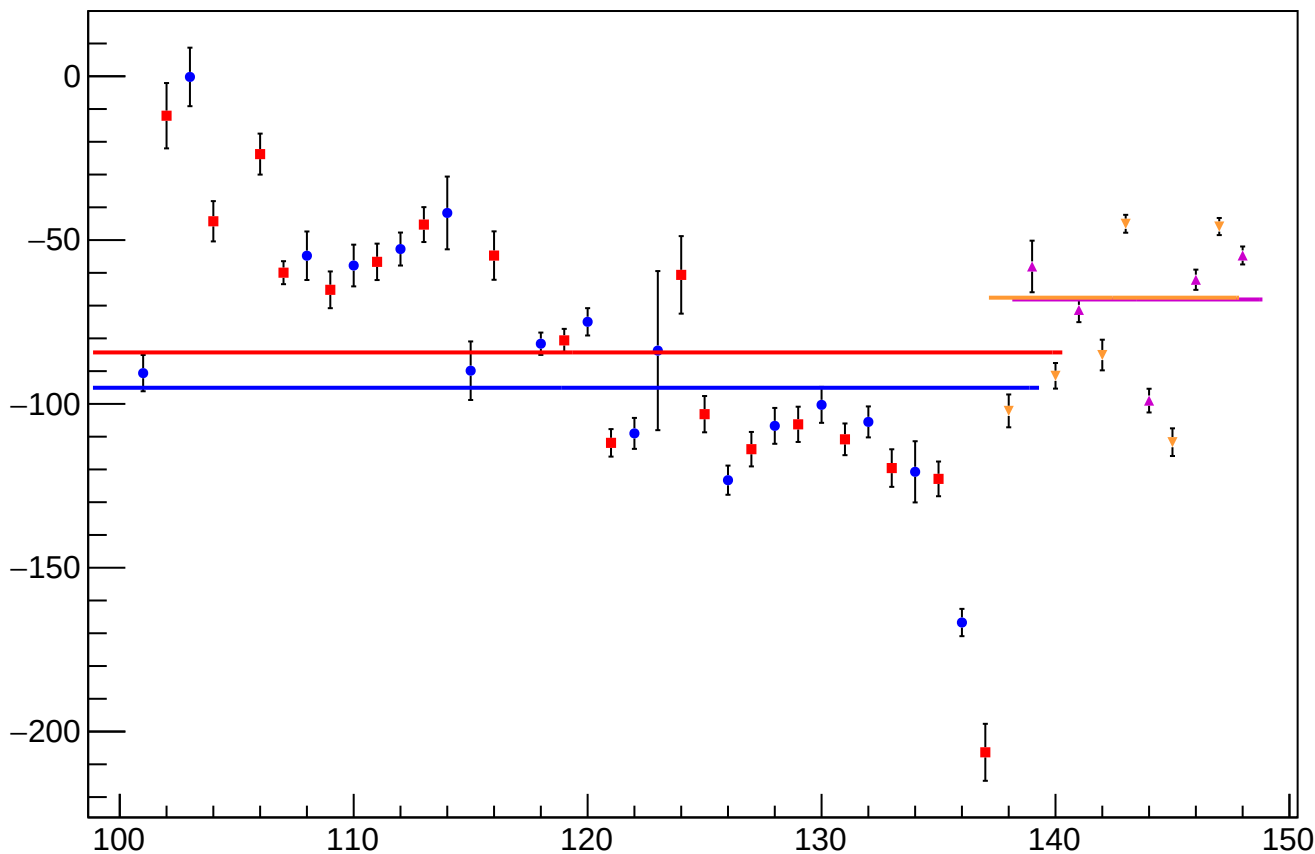
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -260.799 ± 1.441 χ^2/NDF : 1085.7/21

Out: -234.145 ± 1.332 χ^2/NDF : 2732.5/23

All: -246.426 ± 0.978 χ^2/NDF : 4002.8/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -67.579 ± 1.432 χ^2/NDF : 345.2/5

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -68.128 ± 1.577 χ^2/NDF : 103.0/4

Left: -67.827 ± 1.060 χ^2/NDF : 448.2/10

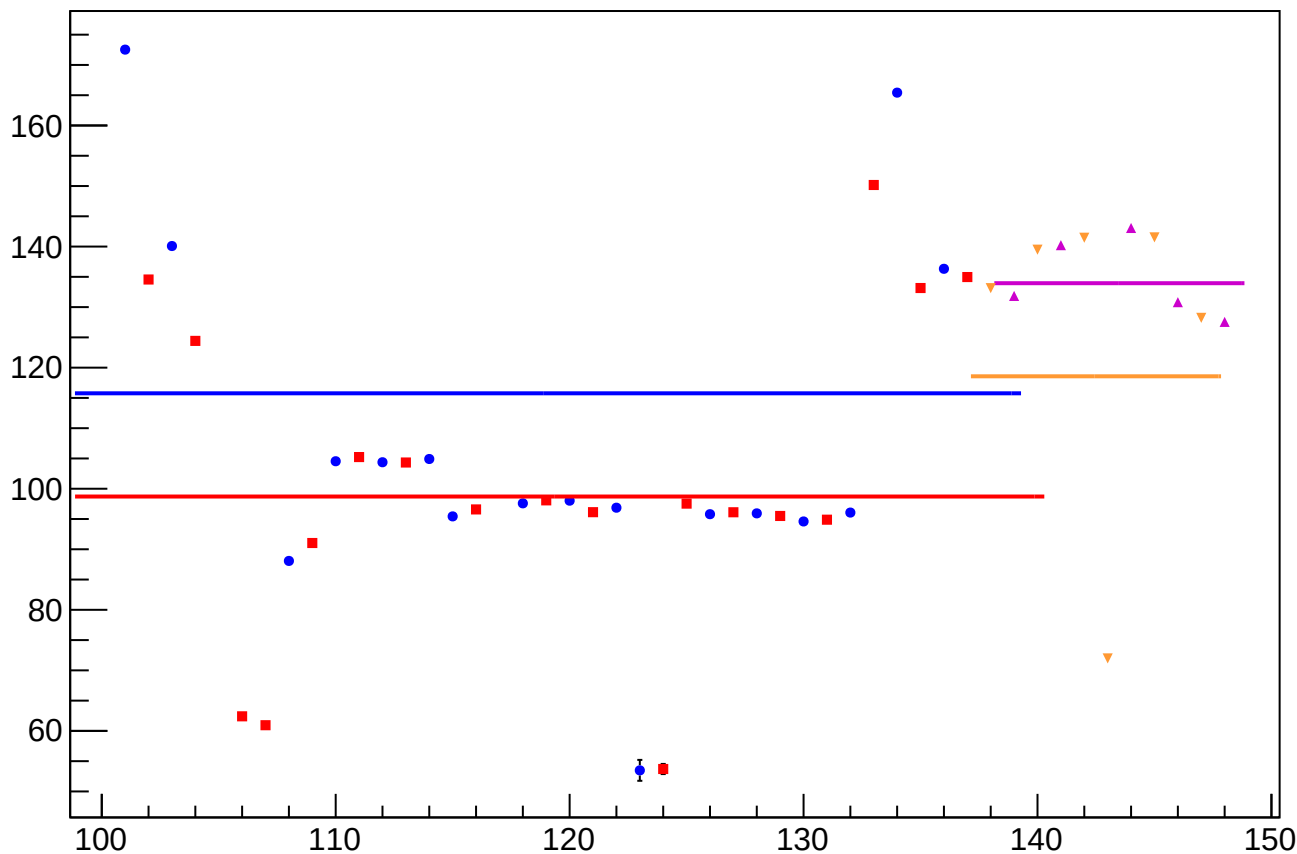
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.917 ± 1.015 χ^2/NDF : 947.3/21

Out: -77.007 ± 0.945 χ^2/NDF : 1190.9/23

All: -80.218 ± 0.692 χ^2/NDF : 2163.0/45

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 118.571 $\pm$ 0.074 χ^2 /NDF:152277.5/5

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 133.950 $\pm$ 0.080 χ^2 /NDF:5198.5/4

Left: 125.637 $\pm$ 0.054 χ^2 /NDF: 177266.6/10

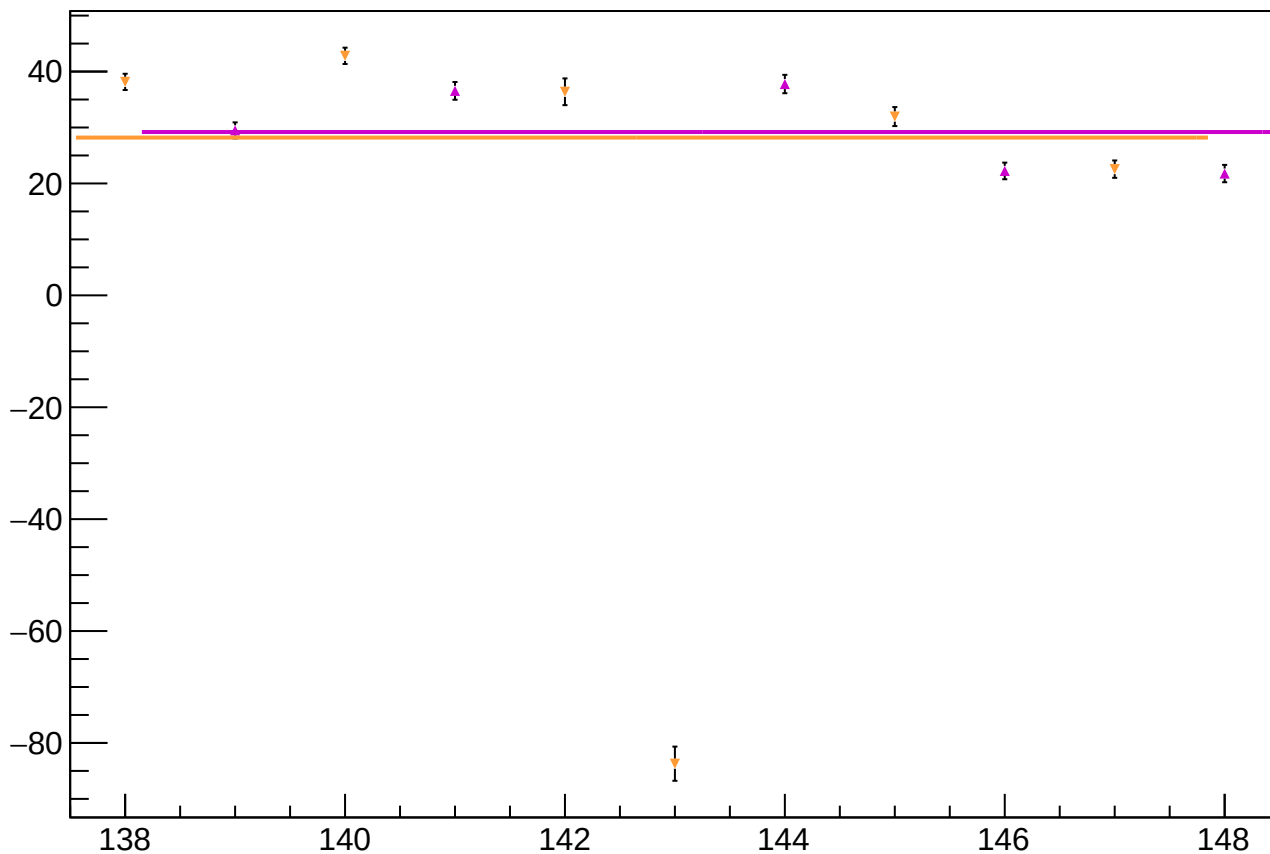
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 124.594 $\pm$ 0.056 χ^2 /NDF:137836.3/21

Out: 107.893 $\pm$ 0.050 χ^2 /NDF:361074.4/23

All: 115.363 $\pm$ 0.037 χ^2 /NDF: 548053.6/45

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 28.198+/-0.709 χ^2/NDF :1518.4/5

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: 28.711+/-0.493 χ^2/NDF : 1613.1/10

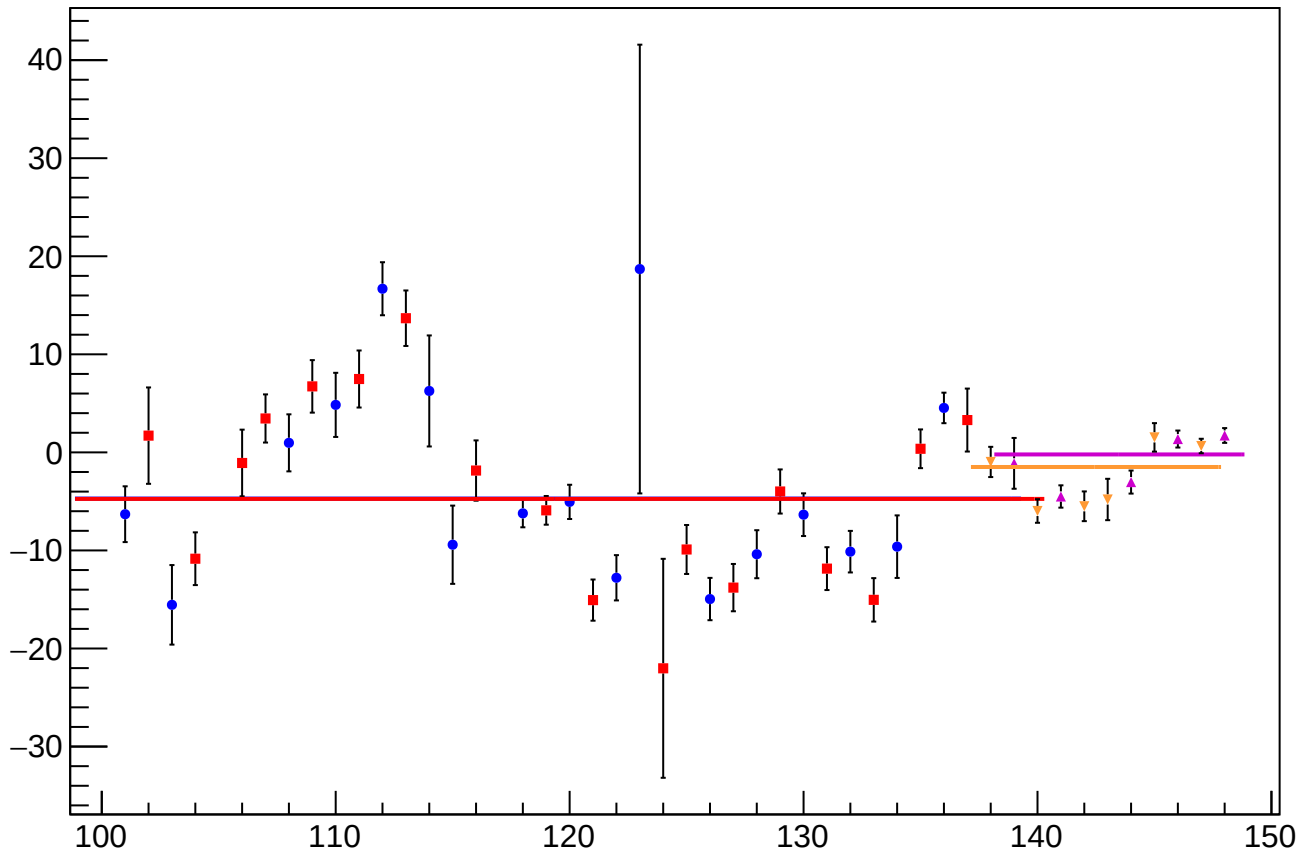
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.192+/-0.686 χ^2/NDF :93.6/4

Out: 28.198+/-0.709 χ^2/NDF :1518.4/5

All: 28.711+/-0.493 χ^2/NDF : 1613.1/10

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.491 ± 0.495 χ^2/NDF : 36.2/5

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -0.210 ± 0.459 χ^2/NDF : 29.9/4

Left: -0.803 ± 0.337 χ^2/NDF : 69.7/10

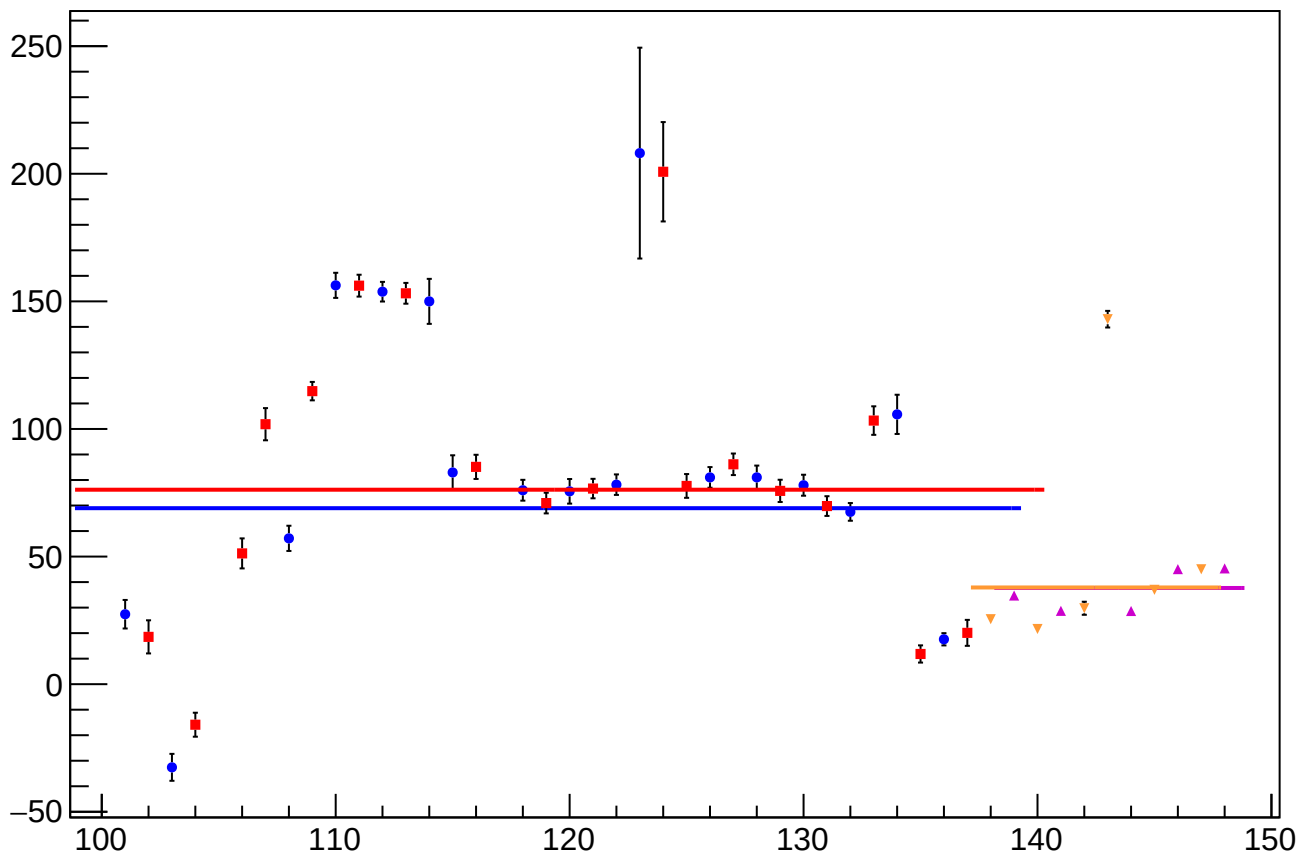
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.943 ± 0.360 χ^2/NDF : 241.6/21

Out: -2.847 ± 0.378 χ^2/NDF : 243.5/23

All: -2.374 ± 0.261 χ^2/NDF : 488.1/45

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 37.891 $\pm$ 0.734 χ^2 /NDF:1246.9/5

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 37.692 $\pm$ 0.697 χ^2 /NDF:113.0/4

Left: 37.786 $\pm$ 0.505 χ^2 /NDF: 1359.9/10

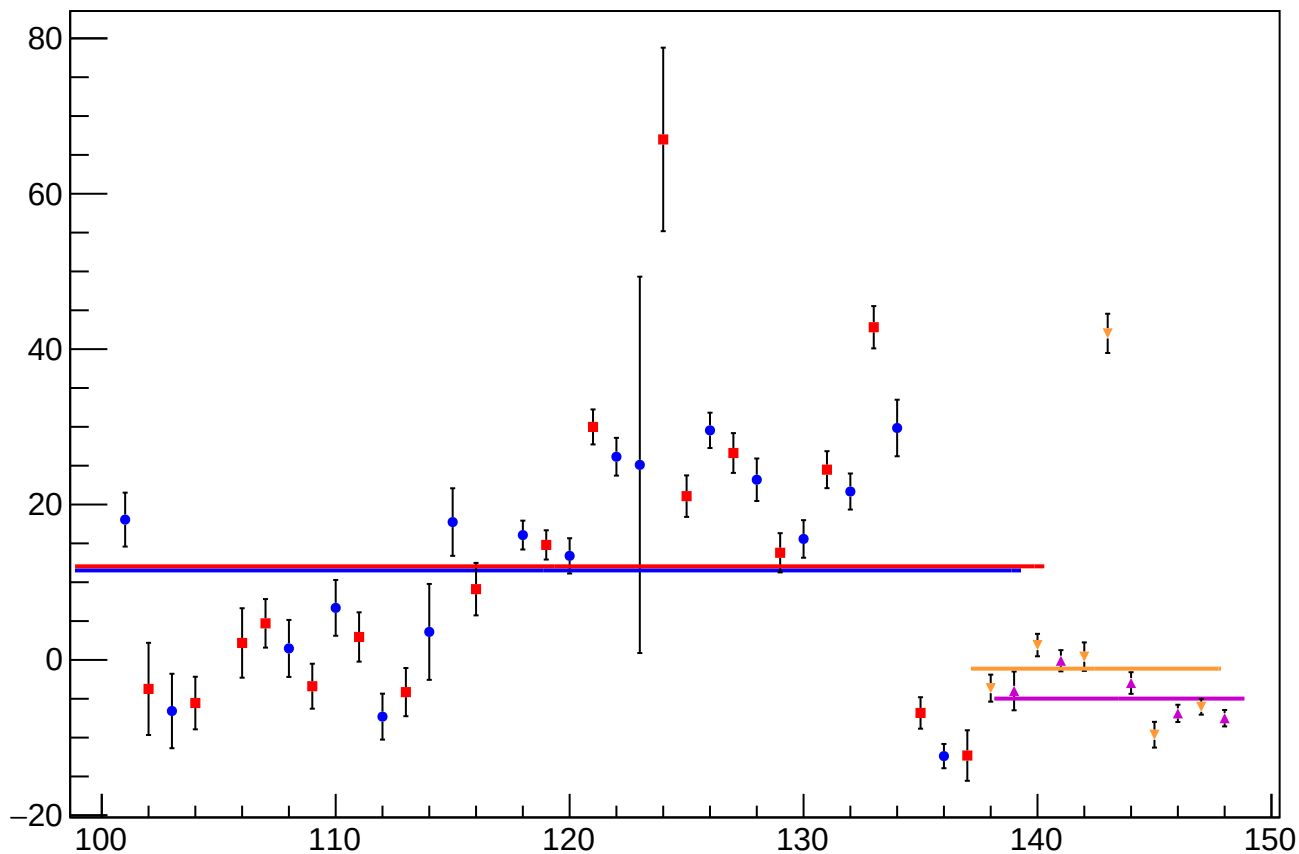
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 46.894 $\pm$ 0.585 χ^2 /NDF:2549.7/21

Out: 50.124 $\pm$ 0.605 χ^2 /NDF:3998.7/23

All: 48.455 $\pm$ 0.421 χ^2 /NDF: 6563.2/45

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -1.123 ± 0.620 $\chi^2/\text{NDF}: 348.9/5$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -4.977 ± 0.585 $\chi^2/\text{NDF}: 23.6/4$

Left: -3.164 ± 0.425 $\chi^2/\text{NDF}: 393.0/10$

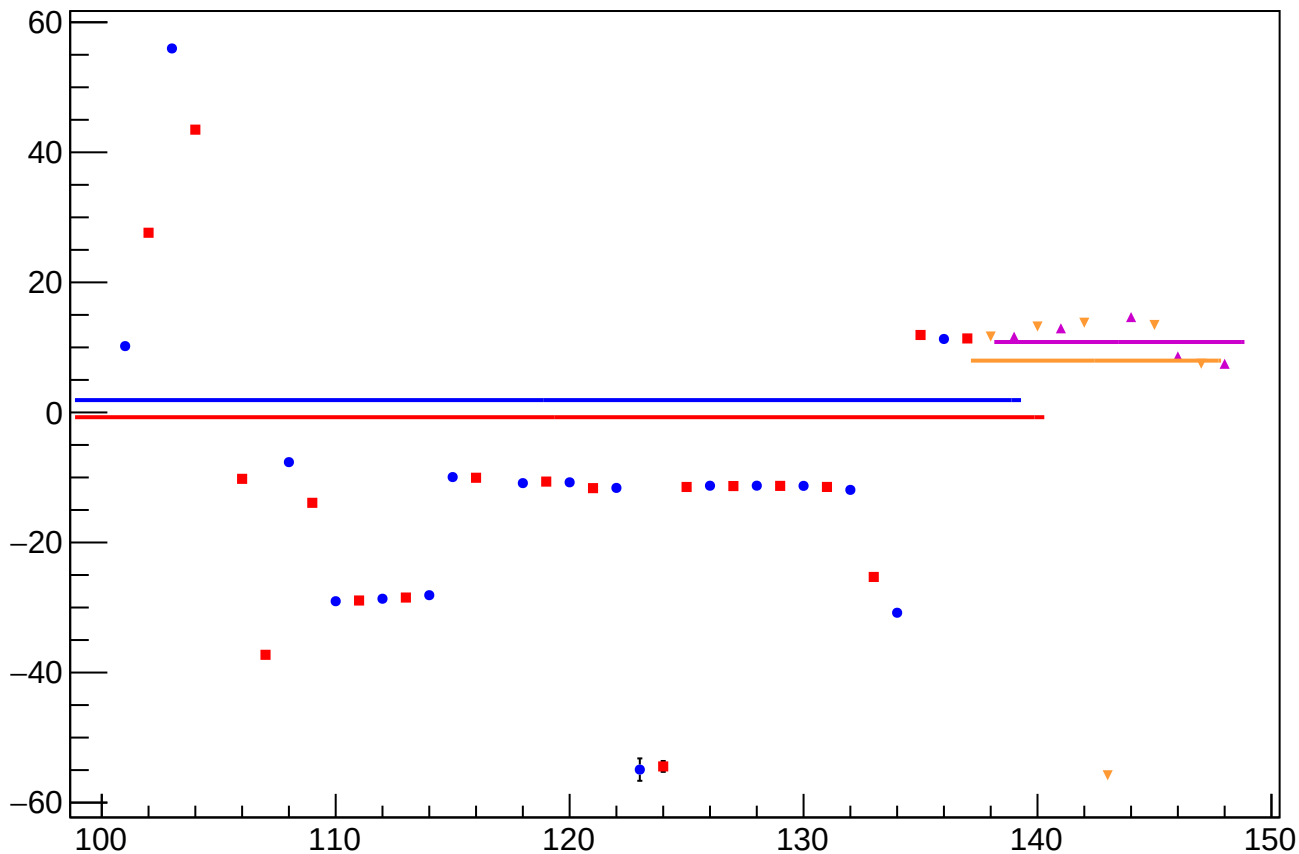
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 2.281 ± 0.438 $\chi^2/\text{NDF}: 851.0/21$

Out: 5.009 ± 0.453 $\chi^2/\text{NDF}: 1097.5/23$

All: 3.596 ± 0.315 $\chi^2/\text{NDF}: 1967.2/45$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.968 ± 0.031 χ^2/NDF : 256015.8/5

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 10.831 ± 0.029 χ^2/NDF : 7717.0/4

Left: 9.495 ± 0.021 χ^2/NDF : 268363.3/10

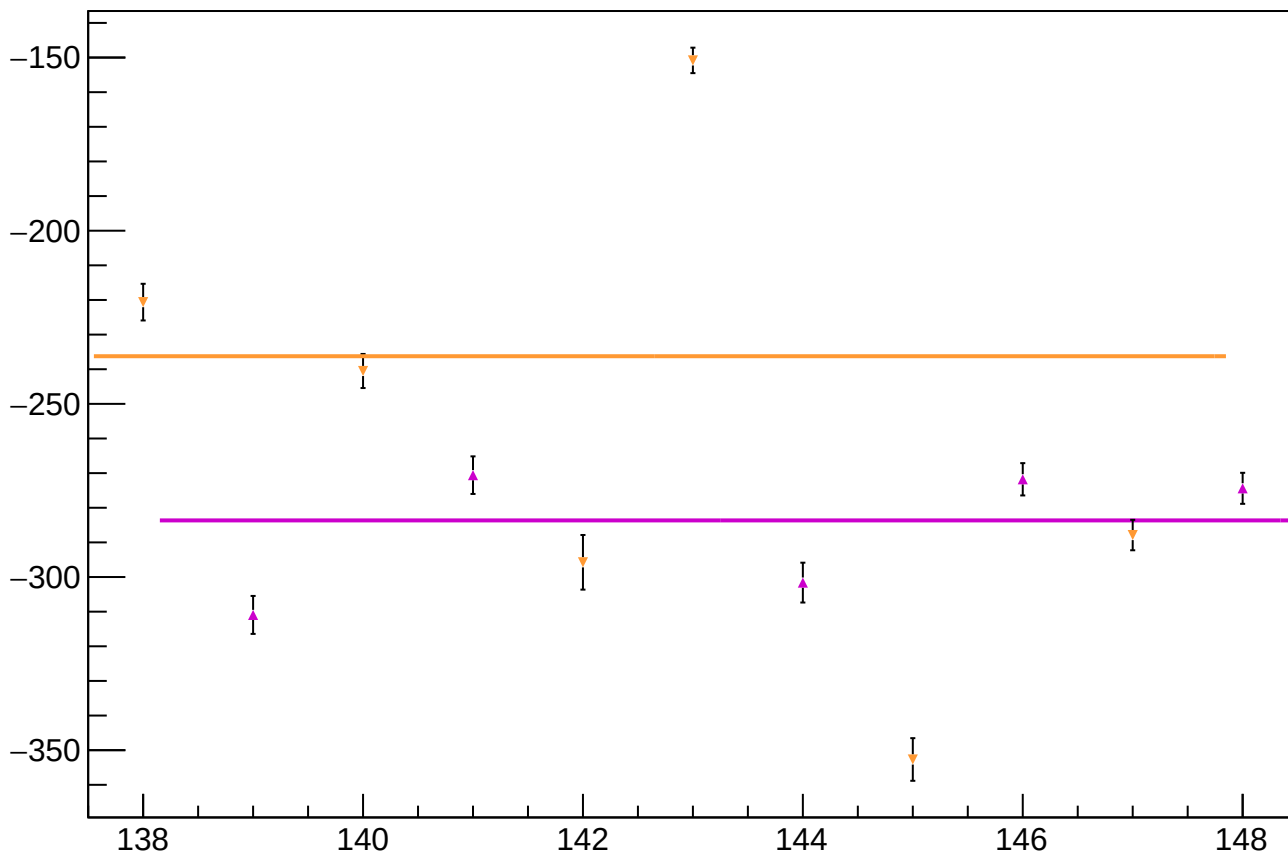
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.475 ± 0.023 χ^2/NDF : 402895.1/21

Out: 4.431 ± 0.024 χ^2/NDF : 648569.1/23

All: 6.016 ± 0.016 χ^2/NDF : 1060078.7/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -236.244+/-2.019 χ^2/NDF :1102.1/5

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: -257.142+/-1.510 χ^2/NDF : 1396.2/10

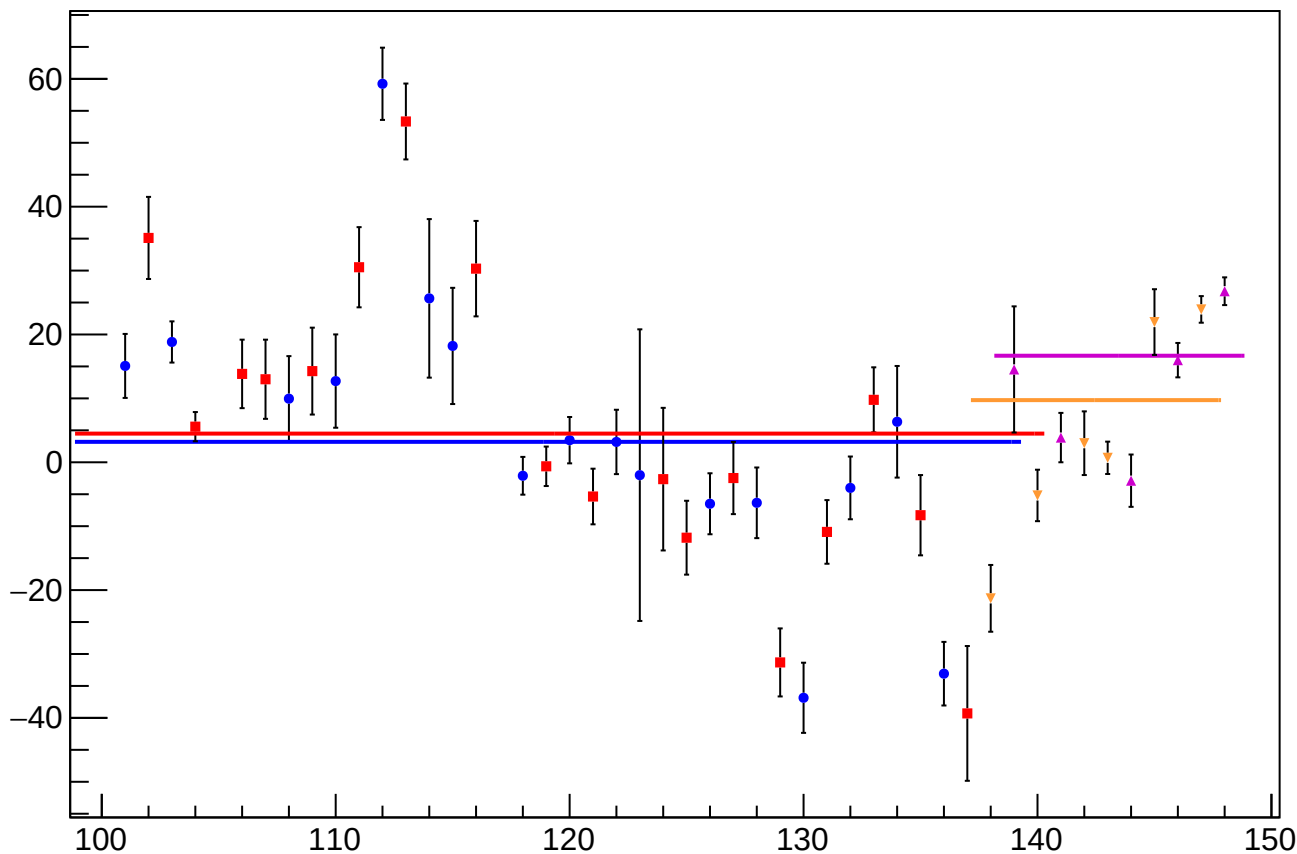
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -283.651+/-2.274 χ^2/NDF :51.1/4

Out: -236.244+/-2.019 χ^2/NDF :1102.1/5

All: -257.142+/-1.510 χ^2/NDF : 1396.2/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 9.727 ± 1.333 $\chi^2/\text{NDF}: 115.6/5$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 16.676 ± 1.433 $\chi^2/\text{NDF}: 55.6/4$

Left: 12.951 ± 0.976 $\chi^2/\text{NDF}: 183.8/10$

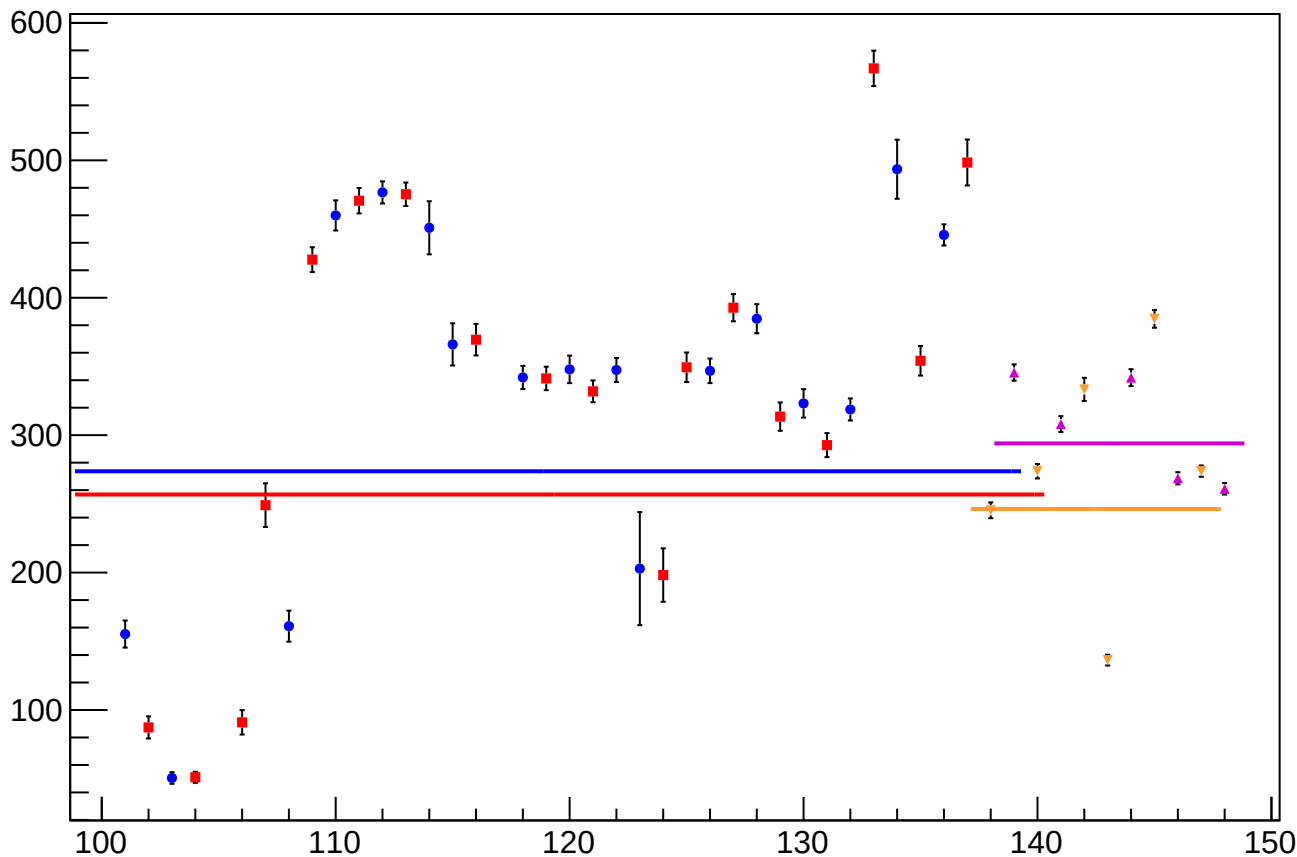
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 8.904 ± 0.932 $\chi^2/\text{NDF}: 361.8/21$

Out: 6.744 ± 0.874 $\chi^2/\text{NDF}: 346.2/23$

All: 7.755 ± 0.638 $\chi^2/\text{NDF}: 710.8/45$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 246.257 $\pm$ 2.088 χ^2 /NDF:1424.9/5

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 293.981 $\pm$ 2.282 χ^2 /NDF:236.4/4

Left: 268.011 $\pm$ 1.541 χ^2 /NDF: 1899.4/10

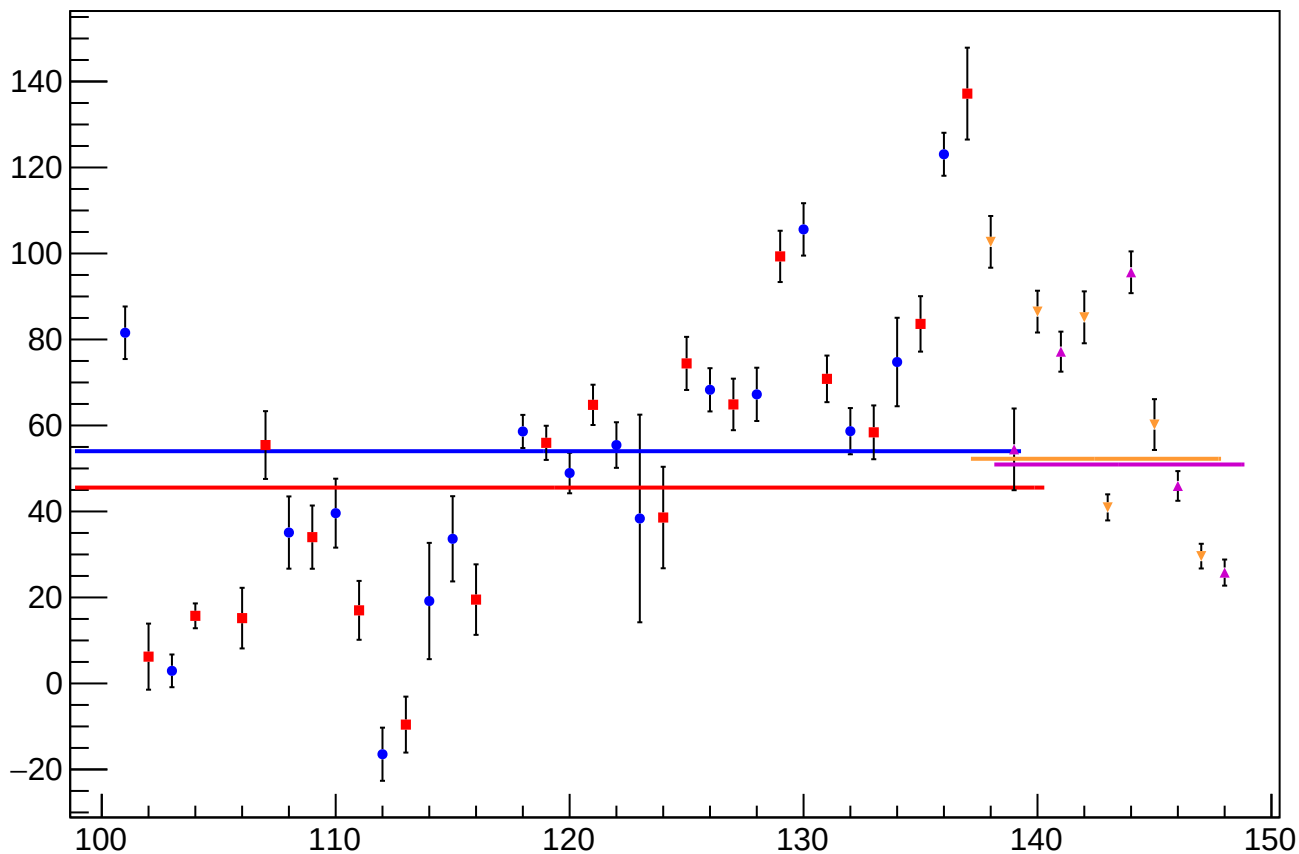
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 283.454 $\pm$ 1.582 χ^2 /NDF:5380.7/21

Out: 251.554 $\pm$ 1.475 χ^2 /NDF:7849.5/23

All: 266.392 $\pm$ 1.079 χ^2 /NDF: 13447.7/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 52.252 $\pm$ 1.676 χ^2 /NDF:227.4/5

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 50.922 $\pm$ 1.851 χ^2 /NDF:187.2/4

Left: 51.653 $\pm$ 1.242 χ^2 /NDF: 415.0/10

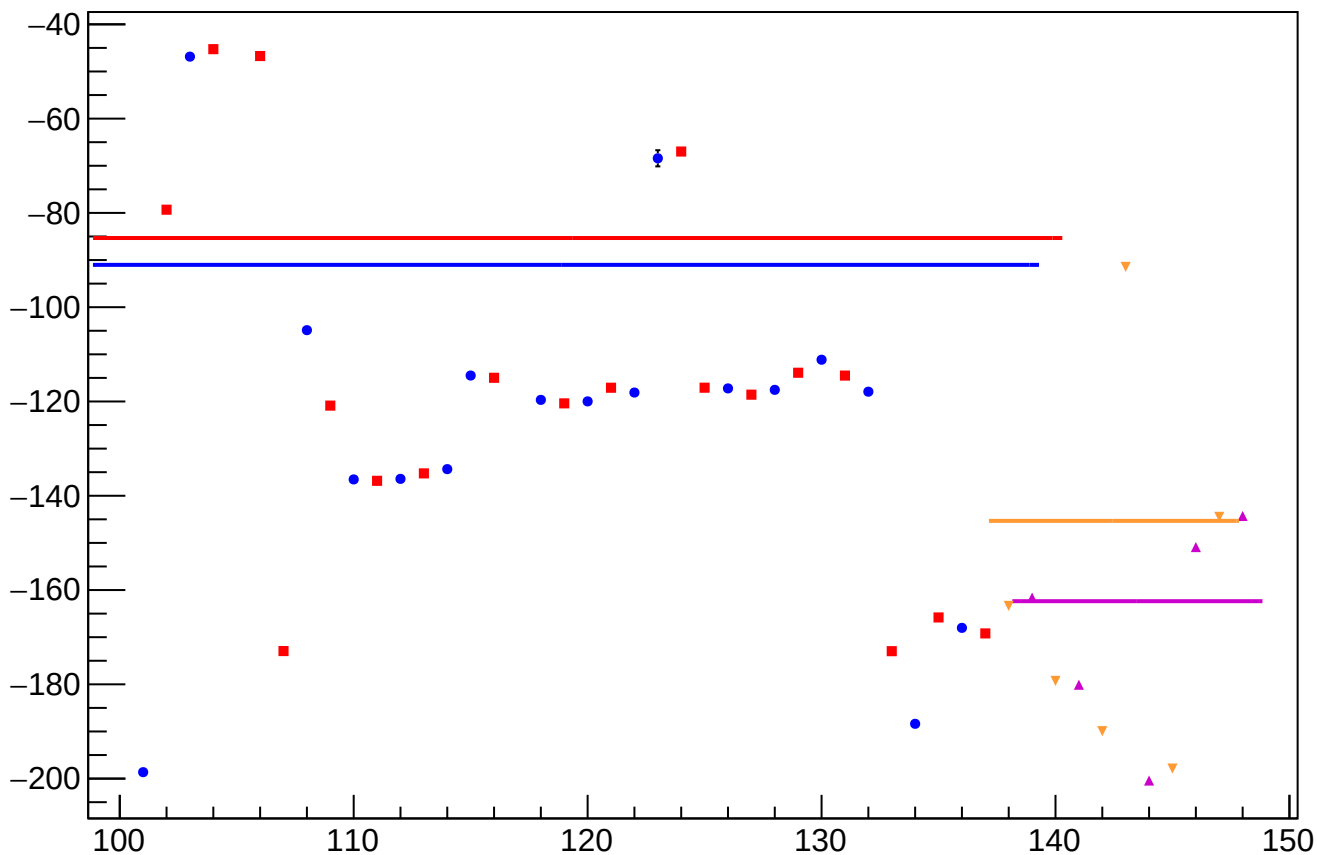
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 52.866 $\pm$ 1.128 χ^2 /NDF:821.8/21

Out: 48.208 $\pm$ 1.055 χ^2 /NDF:763.7/23

All: 50.382 $\pm$ 0.771 χ^2 /NDF: 1594.7/45

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -153.143 +/- 0.065 χ^2/NDF : 260551.5/10

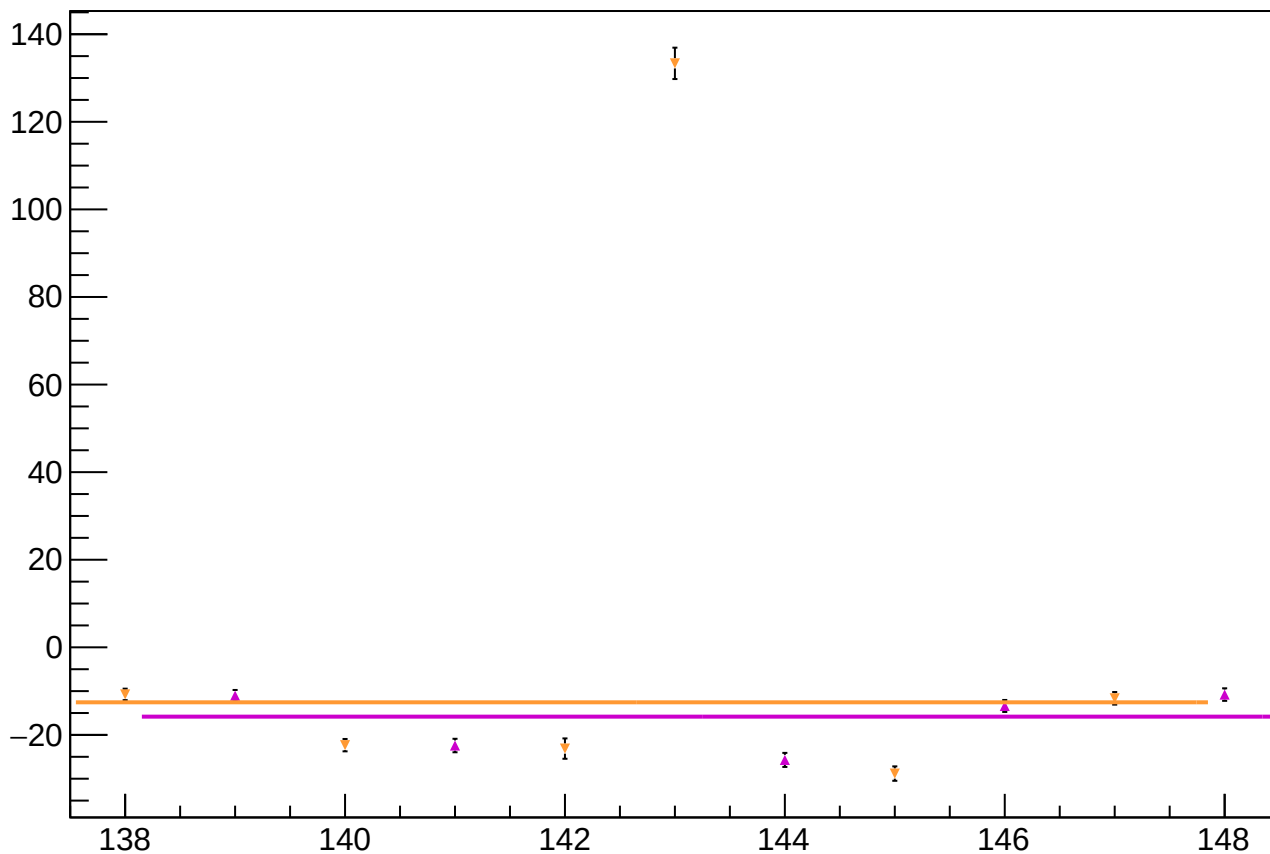
Right: -88.069 +/- 0.047 χ^2/NDF : 1021045.4/34

In: -114.818 +/- 0.055 χ^2/NDF : 944880.0/21

Out: -106.580 +/- 0.052 χ^2/NDF : 987867.4/23

All: -110.484 +/- 0.038 χ^2/NDF : 1944476.4/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.556+/-0.674 χ^2/NDF :1828.3/5

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: -14.272+/-0.465 χ^2/NDF : 1926.1/10

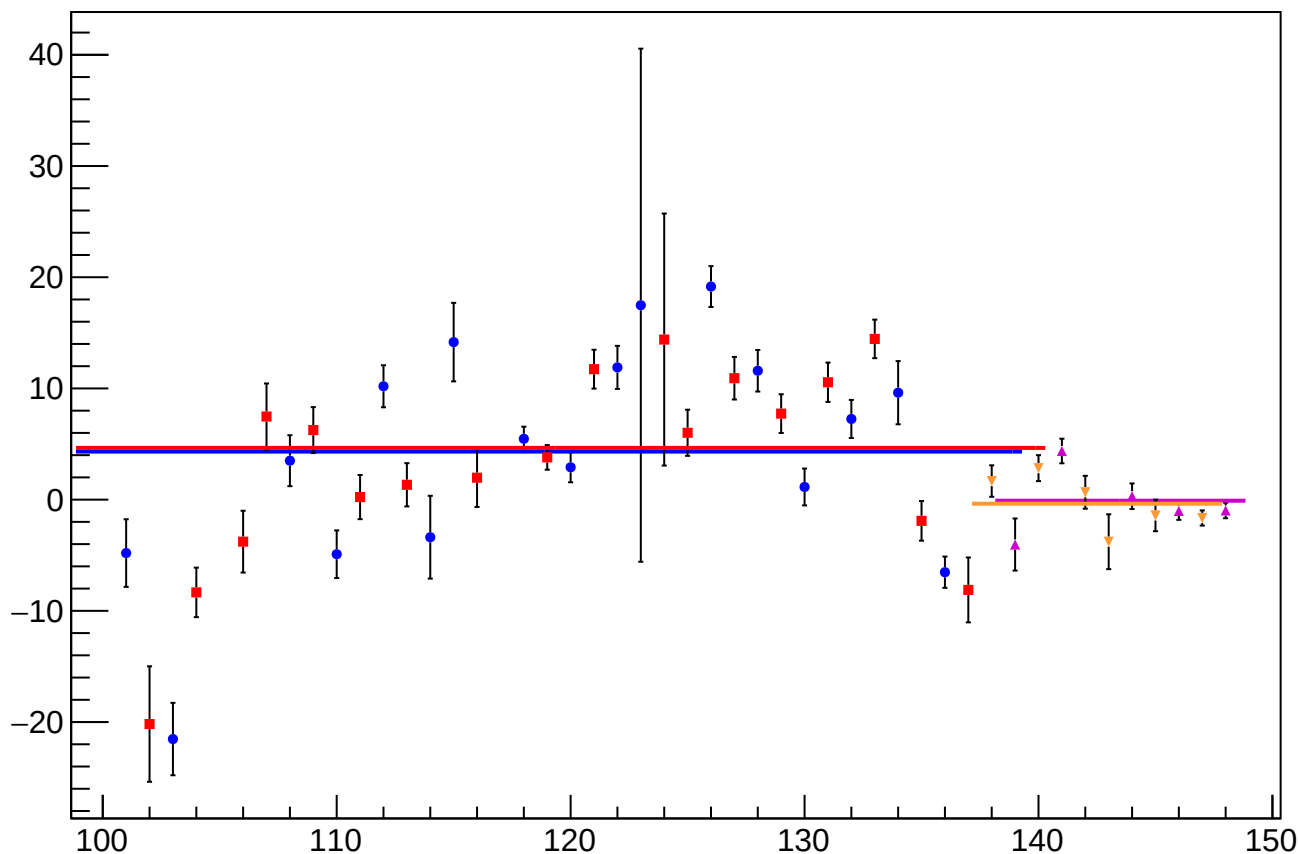
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.828+/-0.642 χ^2/NDF :85.4/4

Out: -12.556+/-0.674 χ^2/NDF :1828.3/5

All: -14.272+/-0.465 χ^2/NDF : 1926.1/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.368 ± 0.471 $\chi^2/\text{NDF}: 16.1/5$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: -0.097 ± 0.431 $\chi^2/\text{NDF}: 22.3/4$

Left: -0.220 ± 0.318 $\chi^2/\text{NDF}: 38.5/10$

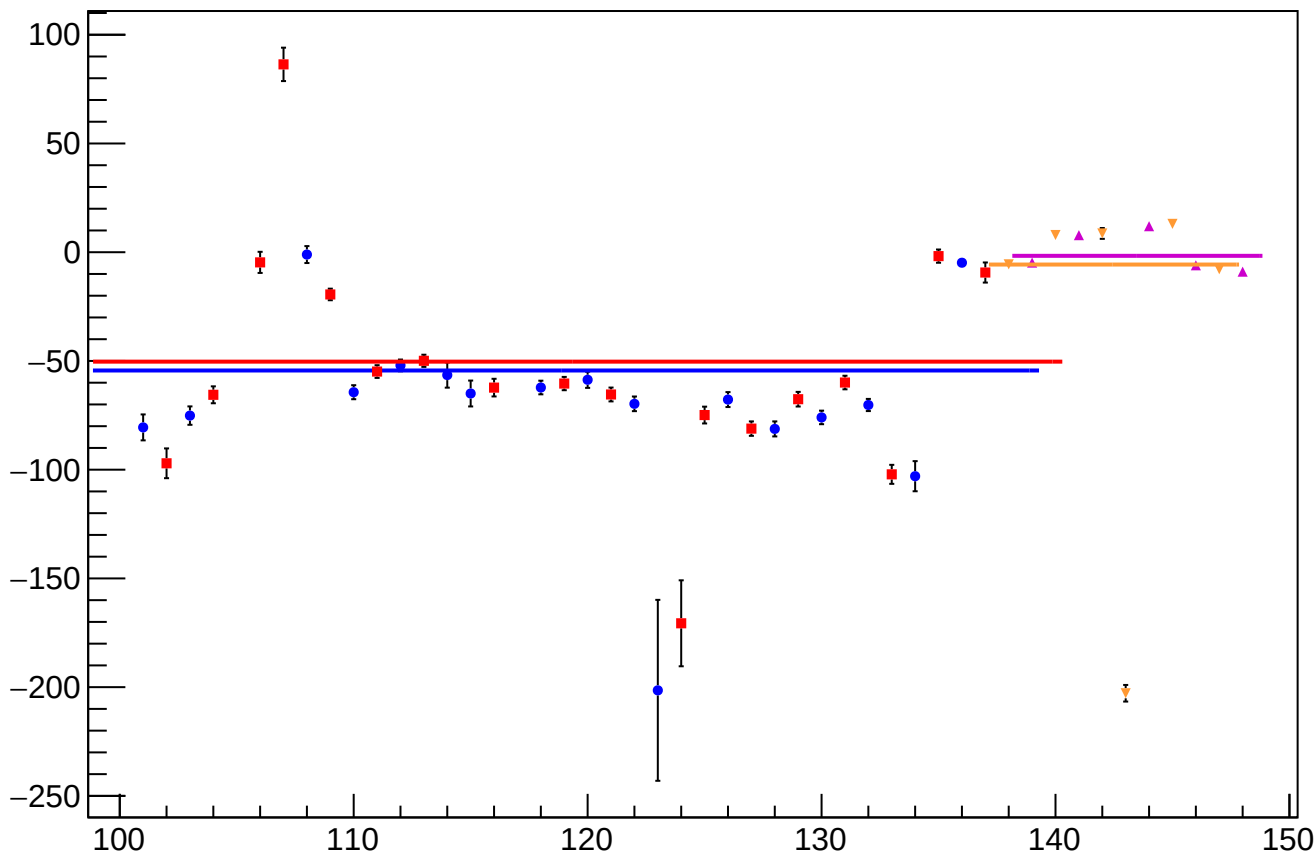
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.943 ± 0.316 $\chi^2/\text{NDF}: 351.1/21$

Out: 2.127 ± 0.334 $\chi^2/\text{NDF}: 257.0/23$

All: 2.030 ± 0.230 $\chi^2/\text{NDF}: 608.2/45$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.670 ± 0.696 $\chi^2/\text{NDF}: 2900.0/5$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -1.660 ± 0.651 $\chi^2/\text{NDF}: 141.8/4$

Left: -3.531 ± 0.476 $\chi^2/\text{NDF}: 3059.6/10$

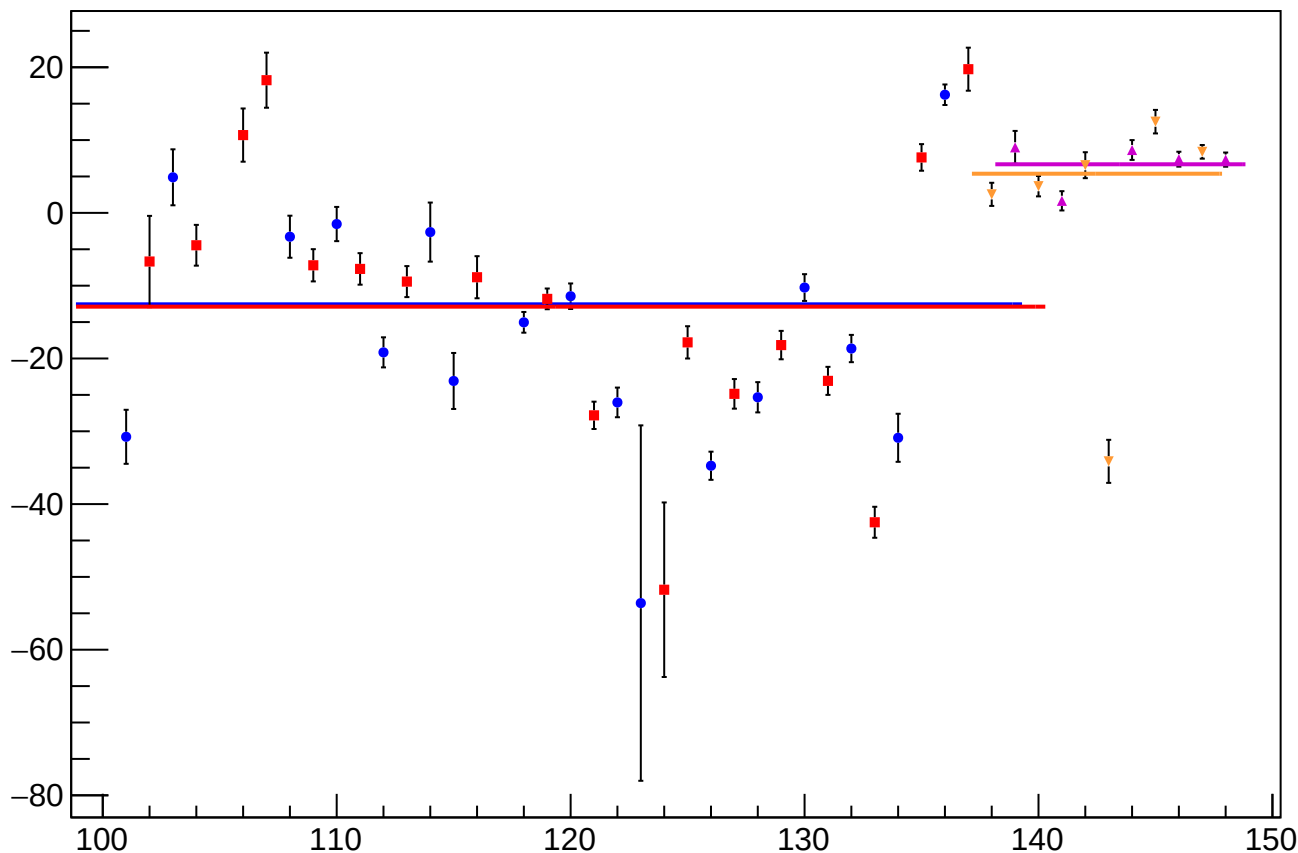
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -20.754 ± 0.520 $\chi^2/\text{NDF}: 3528.7/21$

Out: -23.394 ± 0.541 $\chi^2/\text{NDF}: 5850.9/23$

All: -22.023 ± 0.375 $\chi^2/\text{NDF}: 9392.0/45$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.379 ± 0.592 χ^2/NDF : 213.5/5

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.674 ± 0.549 χ^2/NDF : 18.4/4

Left: 6.075 ± 0.403 χ^2/NDF : 234.5/10

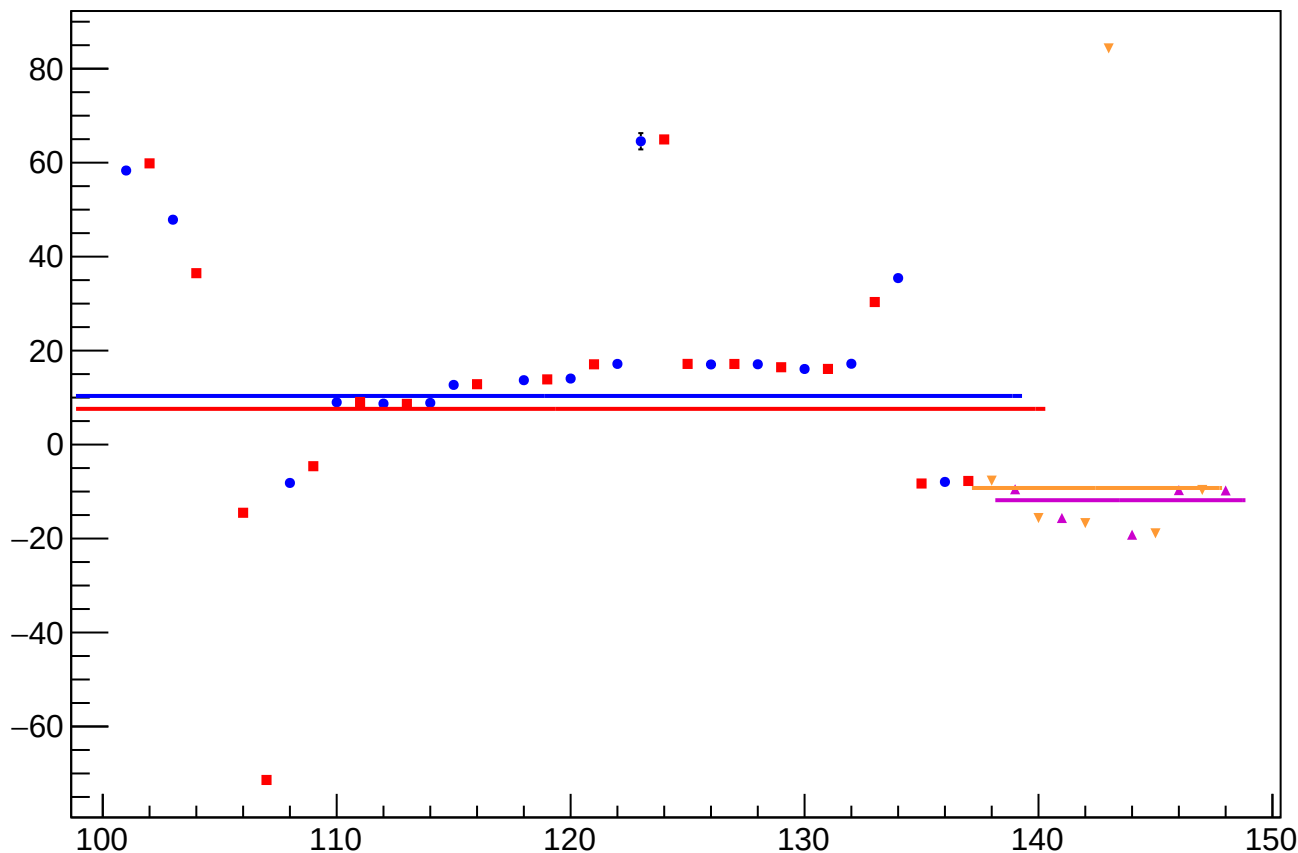
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -3.260 ± 0.382 χ^2/NDF : 1431.3/21

Out: -4.617 ± 0.398 χ^2/NDF : 1461.0/23

All: -3.910 ± 0.276 χ^2/NDF : 2898.3/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -9.237 $\pm$ 0.029 χ^2 /NDF:406998.9/5

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -11.839 $\pm$ 0.027 χ^2 /NDF:17628.8/4

Left: -10.648 $\pm$ 0.020 χ^2 /NDF: 428946.5/10

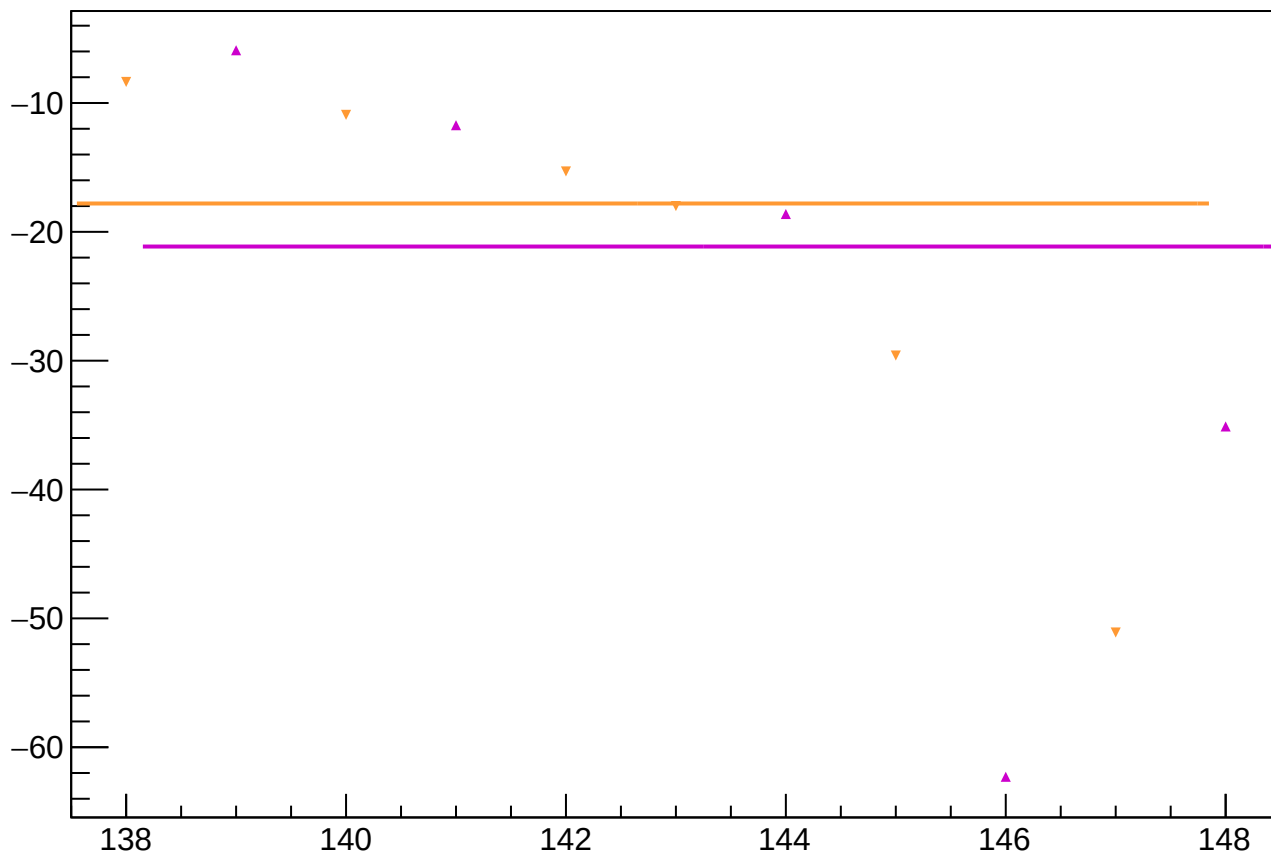
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -2.205 $\pm$ 0.020 χ^2 /NDF:696421.0/21

Out: -1.412 $\pm$ 0.021 χ^2 /NDF:1100457.4/23

All: -1.831 $\pm$ 0.015 χ^2 /NDF: 1797609.5/45

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.800+/-0.112 χ^2/NDF :13600.6/5

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: -19.471+/-0.079 χ^2/NDF : 41315.5/10

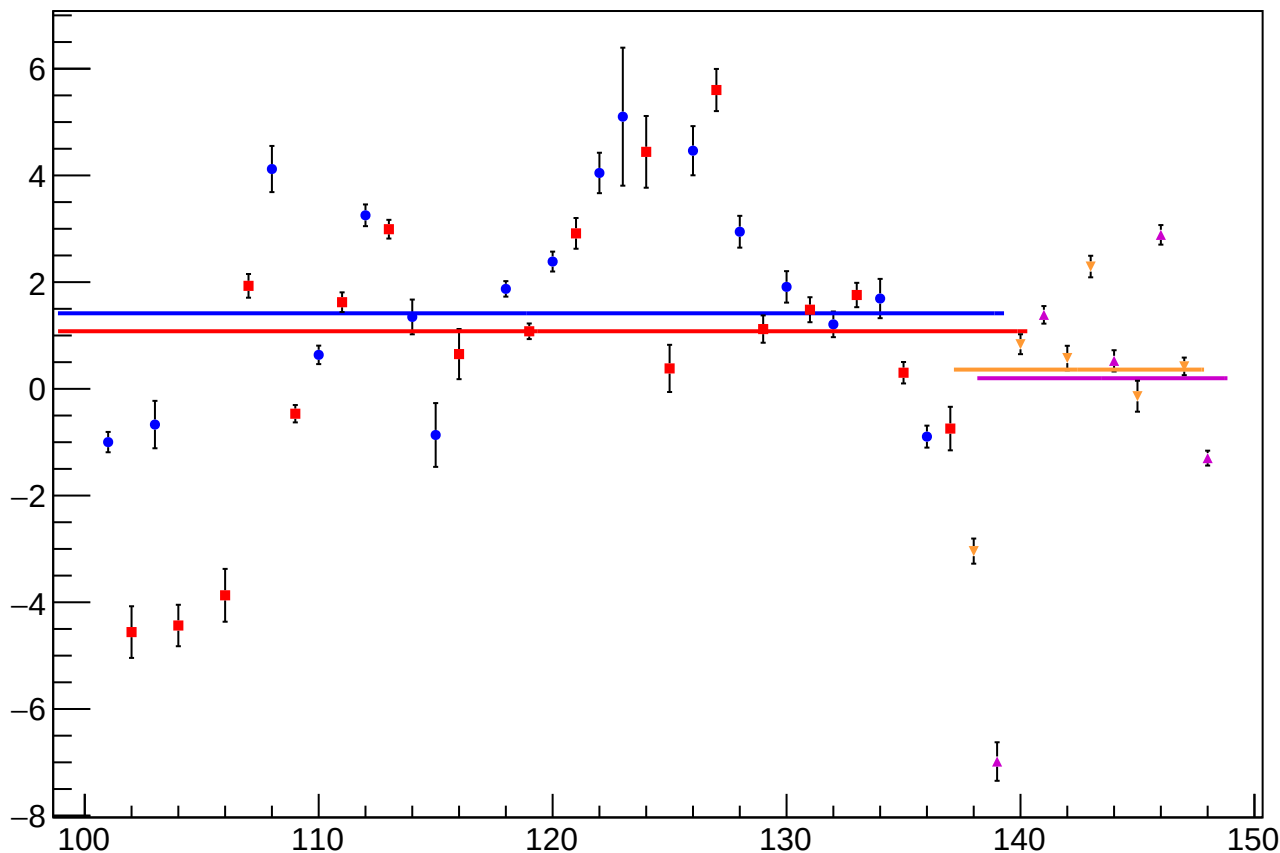
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.140+/-0.112 χ^2/NDF :27270.1/4

Out: -17.800+/-0.112 χ^2/NDF :13600.6/5

All: -19.471+/-0.079 χ^2/NDF : 41315.5/10

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.361 ± 0.085 χ^2/NDF : 310.6/5

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.199 ± 0.081 χ^2/NDF : 779.9/4

Left: 0.277 ± 0.059 χ^2/NDF : 1092.4/10

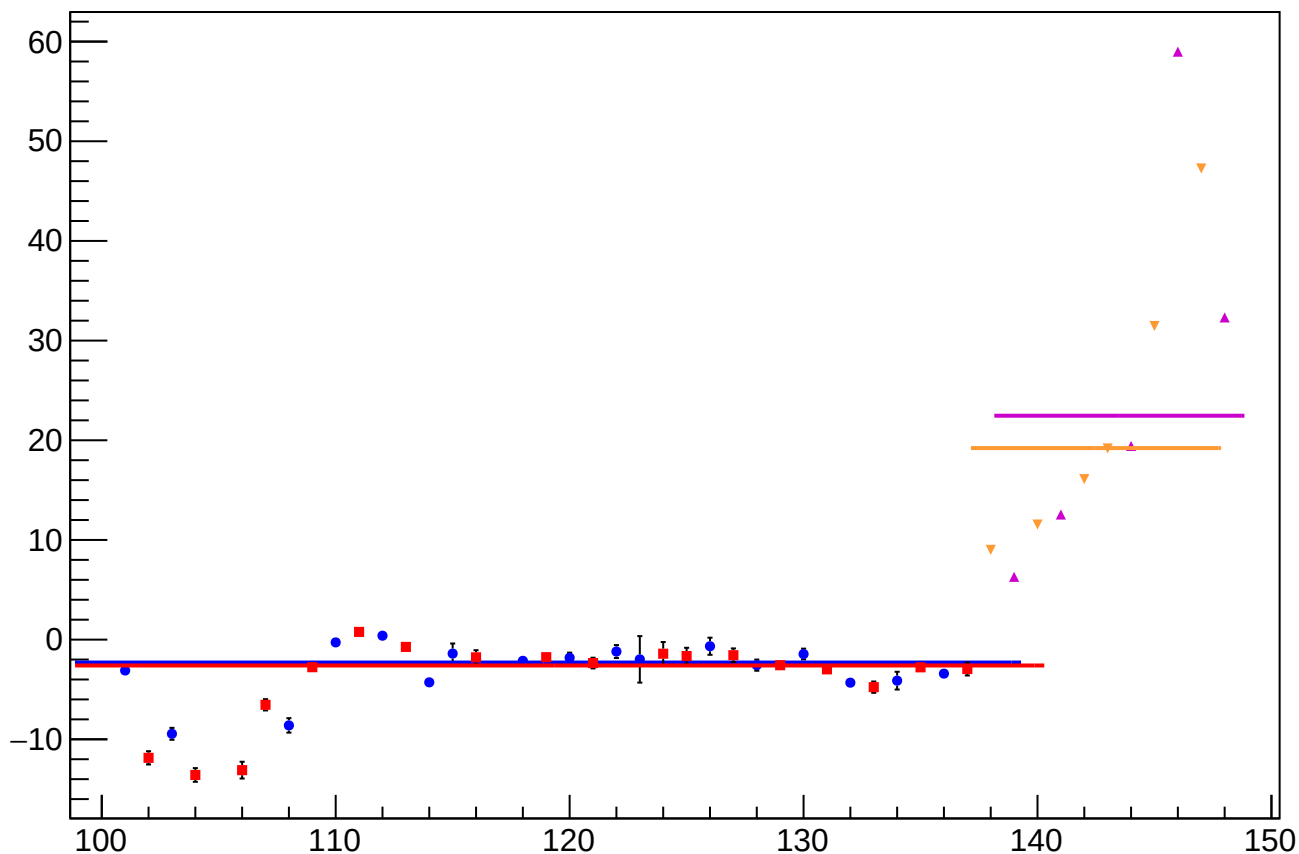
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 0.977 ± 0.049 χ^2/NDF : 1553.8/21

Out: 0.850 ± 0.048 χ^2/NDF : 1275.6/23

All: 0.912 ± 0.034 χ^2/NDF : 2832.9/45

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 $\pm$ 0.111 χ^2 /NDF: 440.0/16

Left Out: 19.218 $\pm$ 0.118 χ^2 /NDF:11916.2/5

Right Out: -2.594 $\pm$ 0.099 χ^2 /NDF: 889.6/17

Left In: 22.465 $\pm$ 0.115 χ^2 /NDF:23603.4/4

Left: 20.878 $\pm$ 0.083 χ^2 /NDF: 35906.3/10

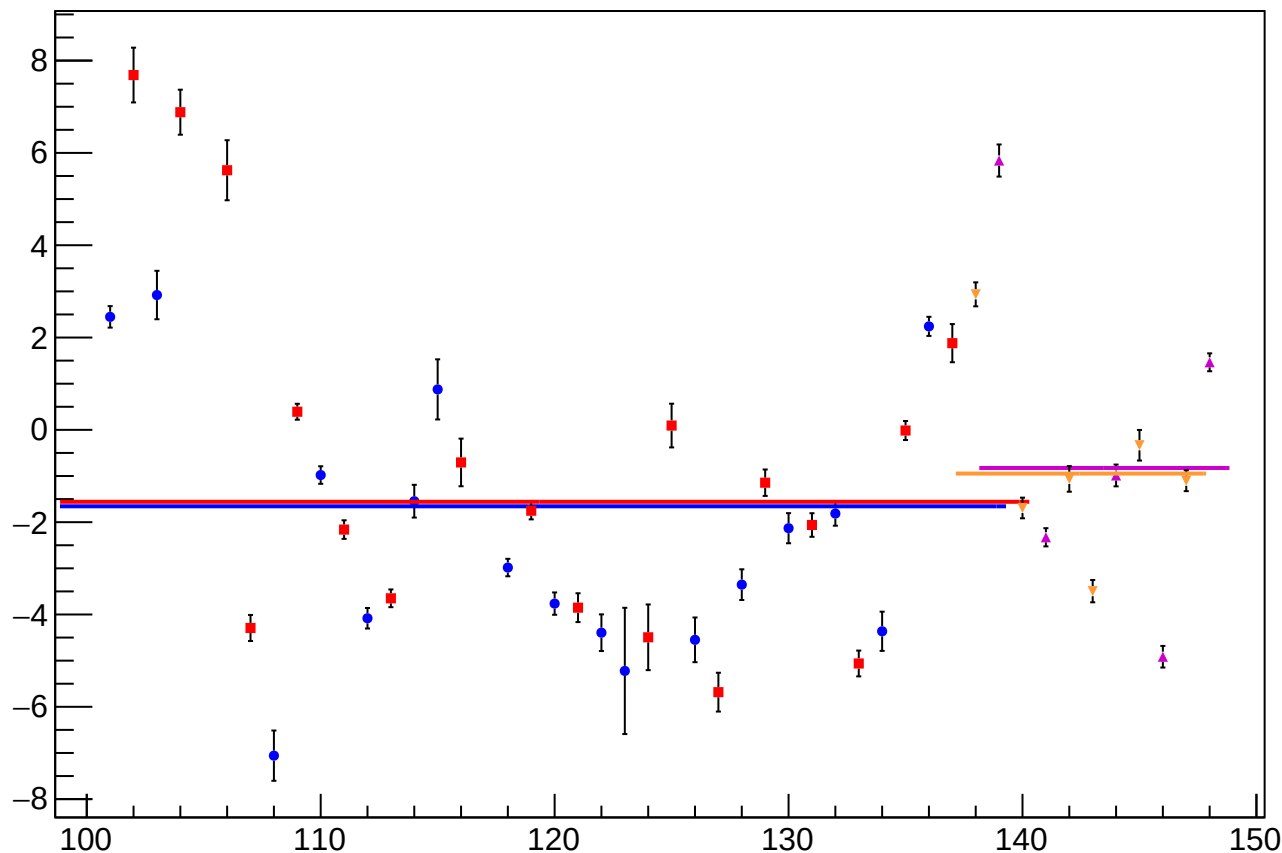
Right: -2.463 $\pm$ 0.074 χ^2 /NDF: 1333.6/34

In: 9.579 $\pm$ 0.080 χ^2 /NDF:47987.8/21

Out: 6.437 $\pm$ 0.076 χ^2 /NDF:32794.4/23

All: 7.928 $\pm$ 0.055 χ^2 /NDF: 81593.6/45

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.947 ± 0.103 χ^2/NDF : 349.9/5

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.826 ± 0.102 χ^2/NDF : 869.2/4

Left: -0.885 ± 0.072 χ^2/NDF : 1219.9/10

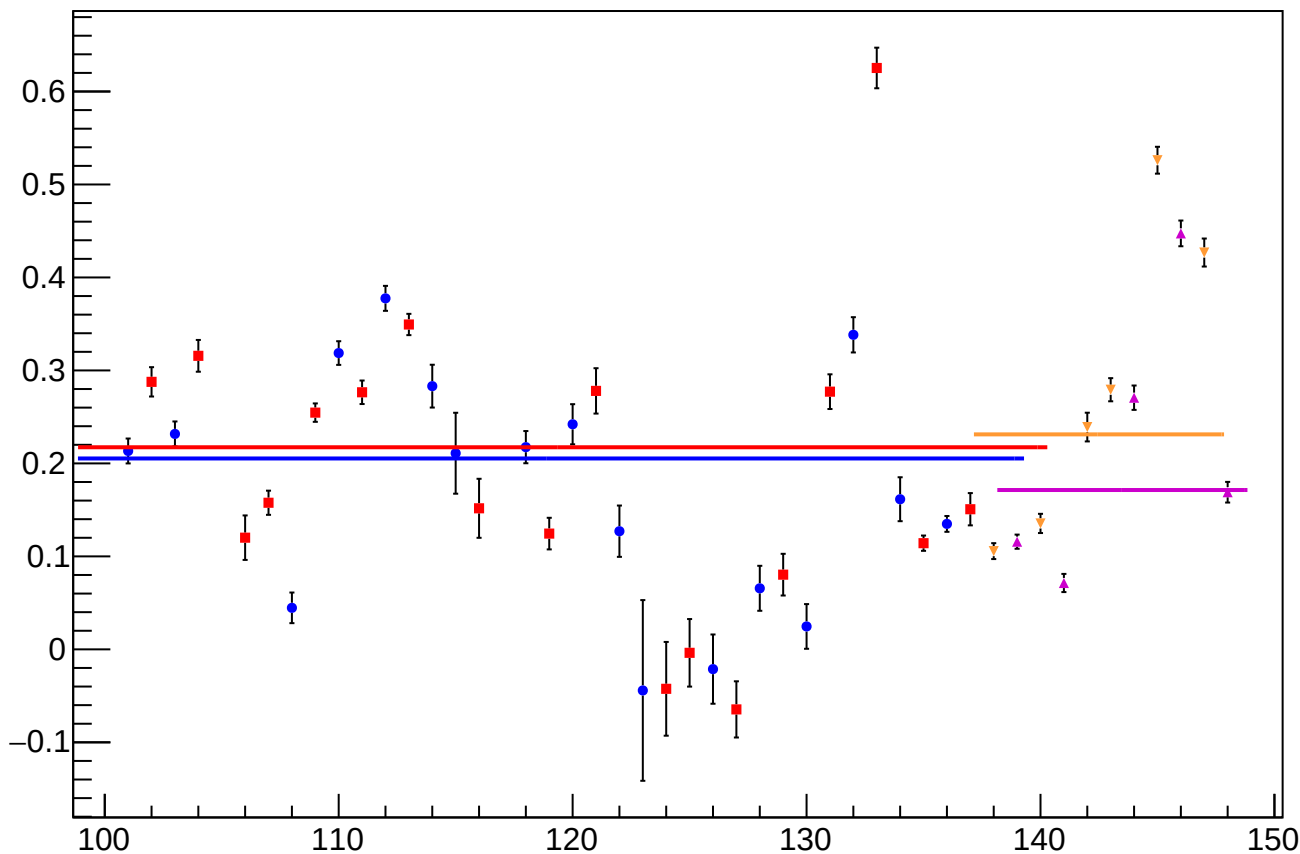
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.387 ± 0.058 χ^2/NDF : 2185.4/21

Out: -1.382 ± 0.055 χ^2/NDF : 1859.6/23

All: -1.384 ± 0.040 χ^2/NDF : 4045.0/45

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.231 $\pm$ 0.005 χ^2 /NDF:902.0/5

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.171 $\pm$ 0.005 χ^2 /NDF:613.7/4

Left: 0.200 $\pm$ 0.003 χ^2 /NDF: 1595.9/10

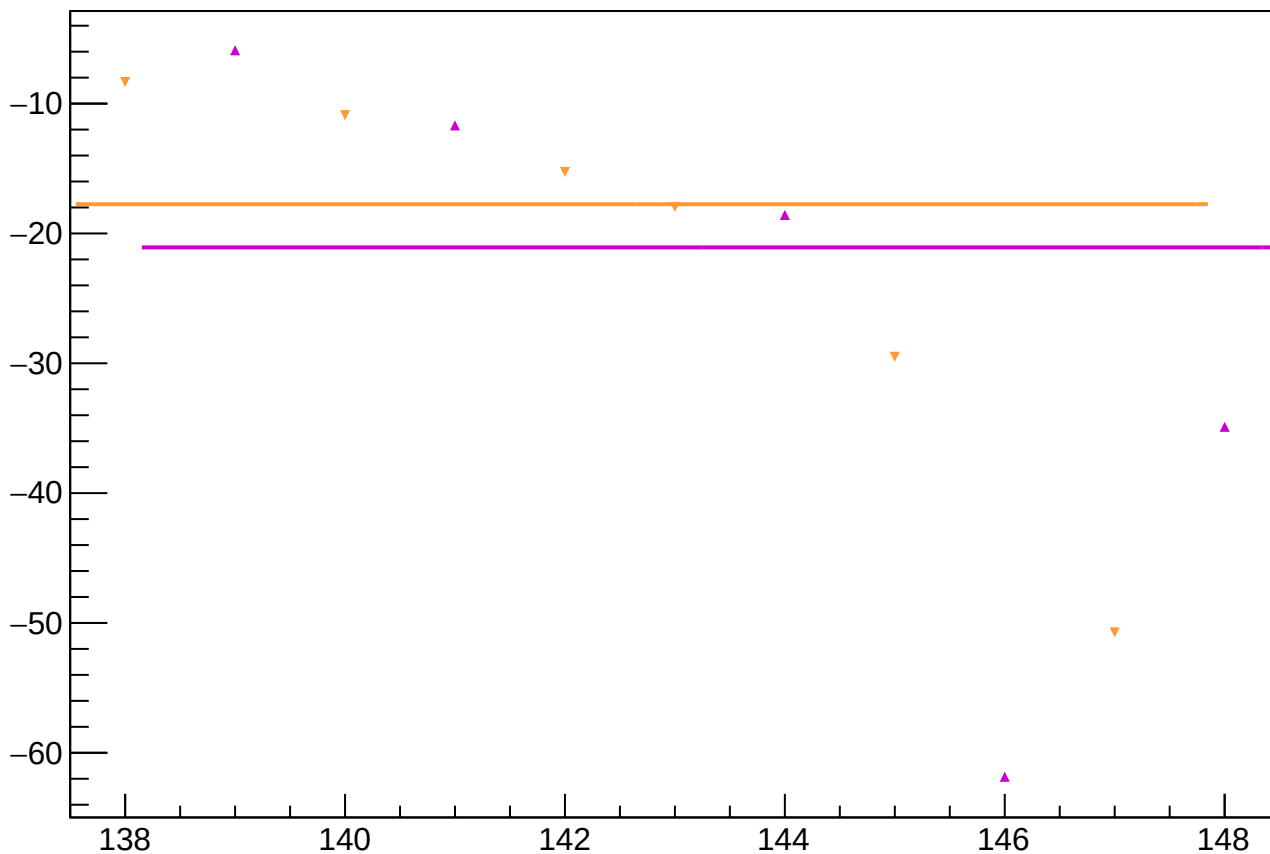
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.190 $\pm$ 0.003 χ^2 /NDF:1264.1/21

Out: 0.223 $\pm$ 0.003 χ^2 /NDF:1926.6/23

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3248.2/45

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.749+/-0.111 χ^2/NDF :13576.3/5

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: -19.413+/-0.079 χ^2/NDF : 41230.6/10

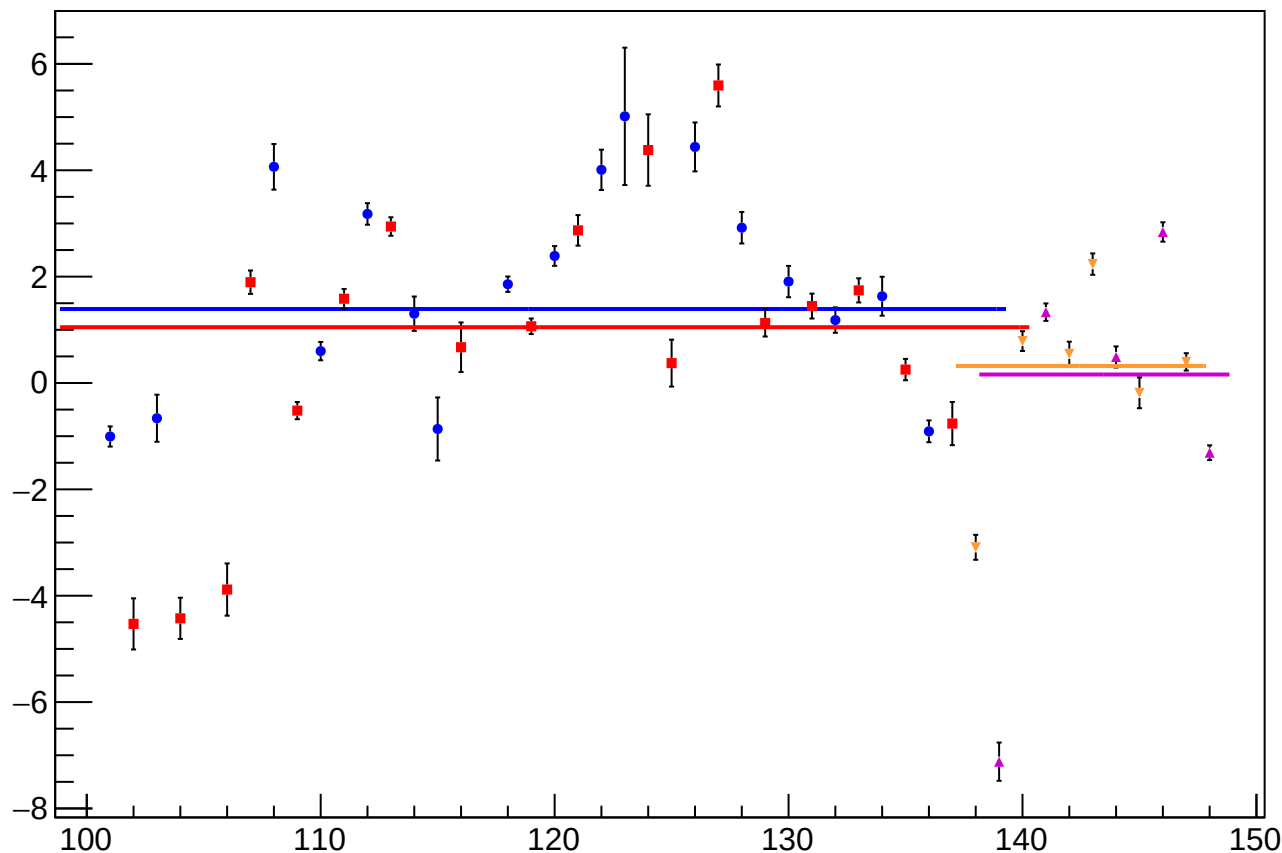
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Out: -17.749+/-0.111 χ^2/NDF :13576.3/5

All: -19.413+/-0.079 χ^2/NDF : 41230.6/10

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 0.320 $\pm$ 0.084 χ^2 /NDF:312.9/5

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 0.160 $\pm$ 0.081 χ^2 /NDF:792.9/4

Left: 0.237 $\pm$ 0.058 χ^2 /NDF: 1107.7/10

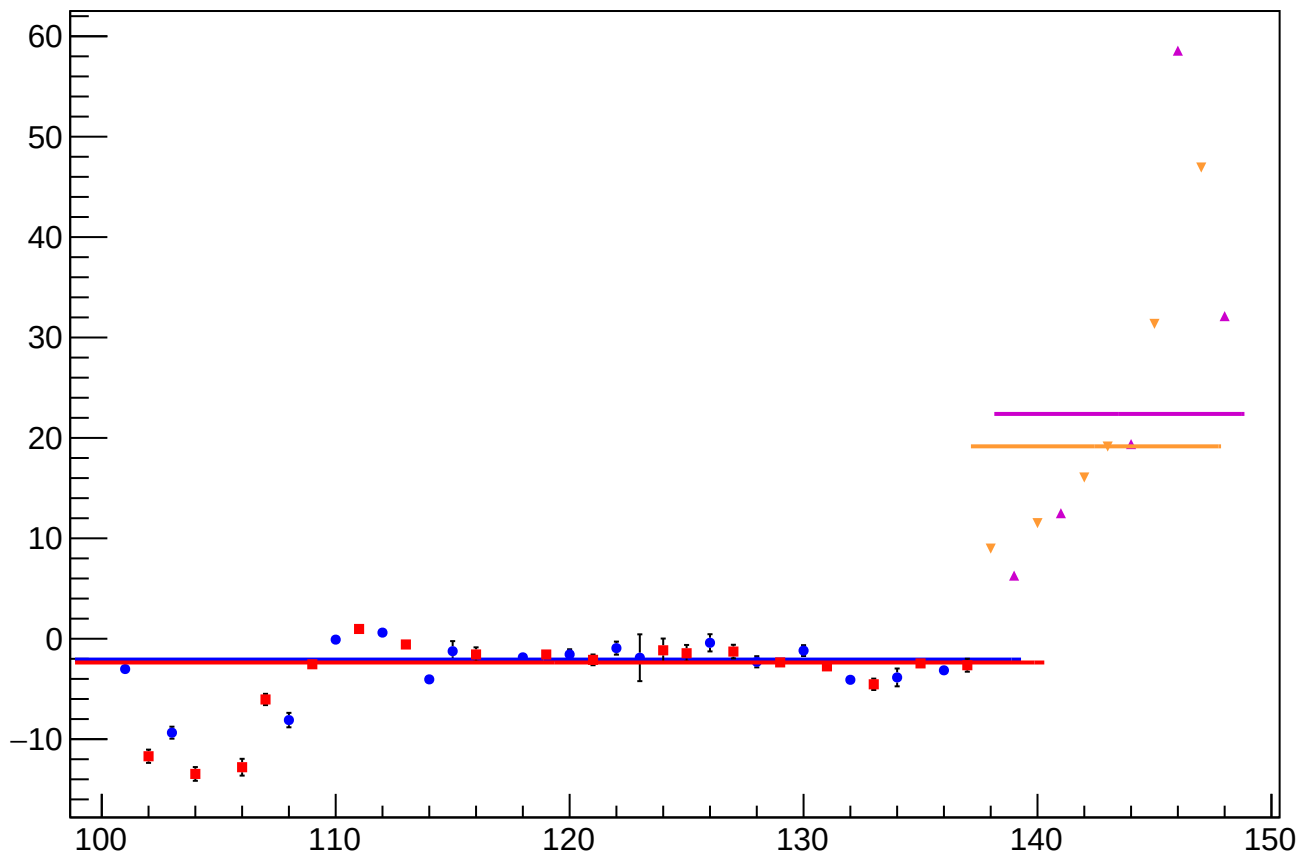
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 0.946 $\pm$ 0.049 χ^2 /NDF:1569.8/21

Out: 0.816 $\pm$ 0.048 χ^2 /NDF:1283.4/23

All: 0.880 $\pm$ 0.034 χ^2 /NDF: 2856.9/45

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 19.160 ± 0.118 χ^2/NDF : 11888.5/5

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 22.389 ± 0.115 χ^2/NDF : 23537.8/4

Left: 20.812 ± 0.082 χ^2/NDF : 35812.4/10

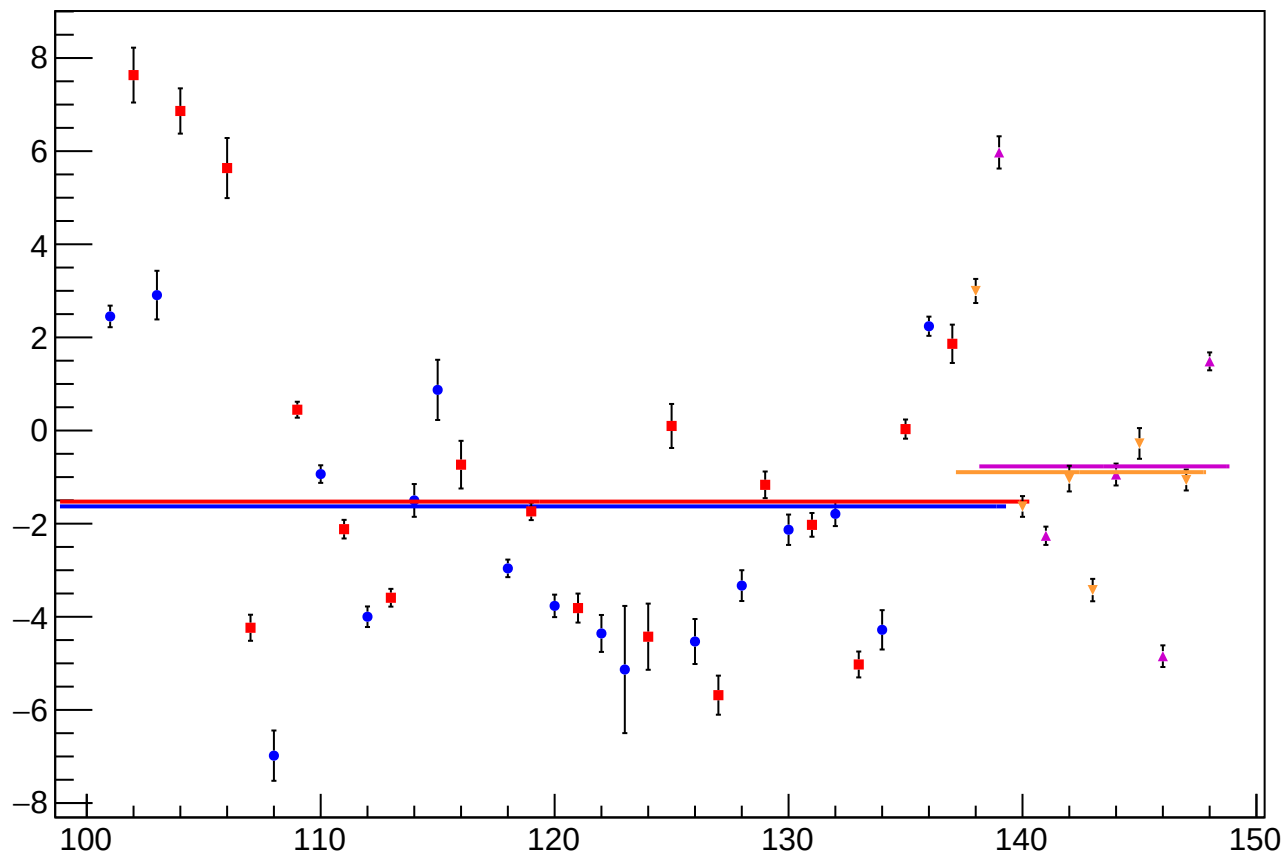
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 9.664 ± 0.080 χ^2/NDF : 47593.6/21

Out: 6.543 ± 0.076 χ^2/NDF : 32451.3/23

All: 8.024 ± 0.055 χ^2/NDF : 80854.2/45

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.894 ± 0.103 χ^2/NDF : 352.6/5

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -0.770 ± 0.101 χ^2/NDF : 881.8/4

Left: -0.831 ± 0.072 χ^2/NDF : 1235.1/10

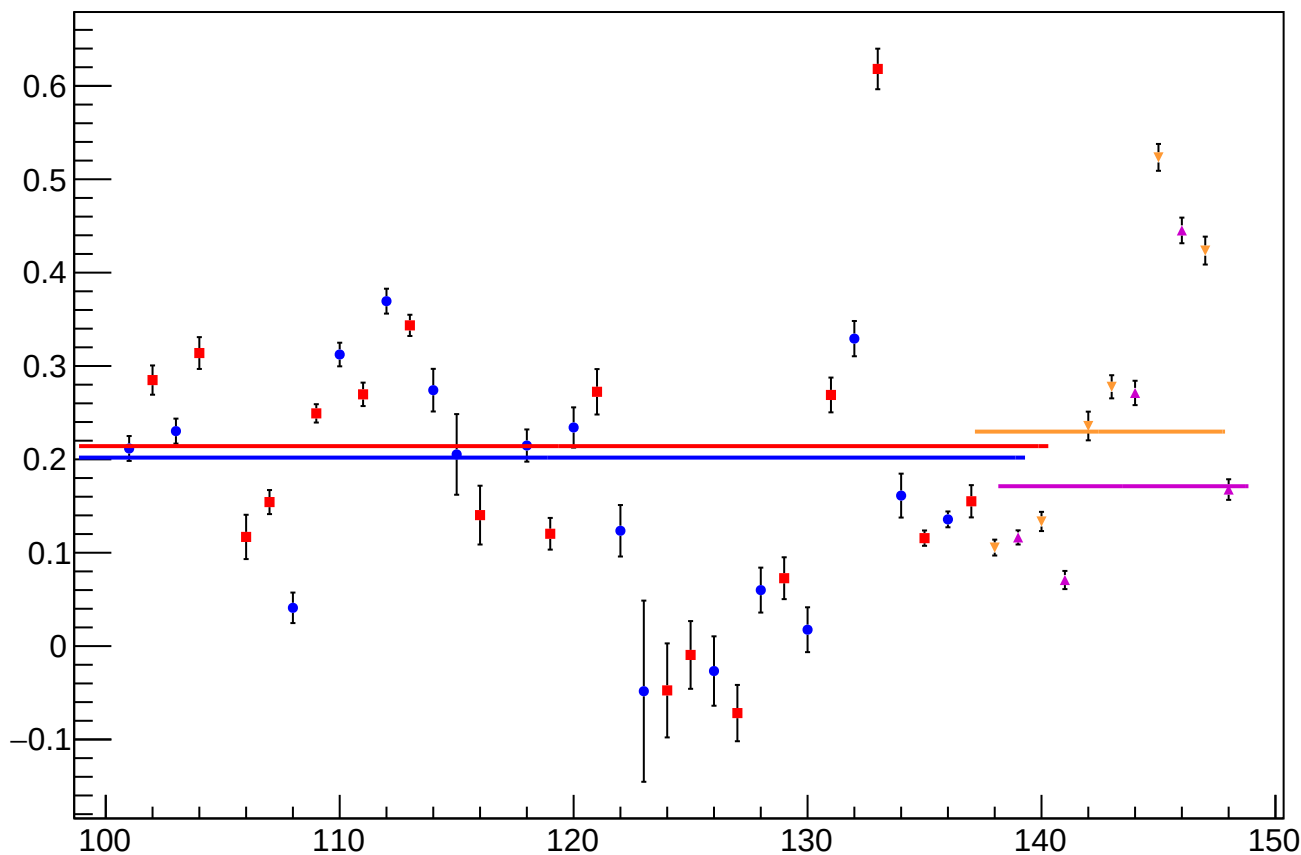
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.350 ± 0.058 χ^2/NDF : 2196.9/21

Out: -1.344 ± 0.055 χ^2/NDF : 1867.7/23

All: -1.347 ± 0.040 χ^2/NDF : 4064.6/45

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.230 $\pm$ 0.005 χ^2 /NDF:901.1/5

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.171 $\pm$ 0.005 χ^2 /NDF:616.0/4

Left: 0.199 $\pm$ 0.003 χ^2 /NDF: 1594.4/10

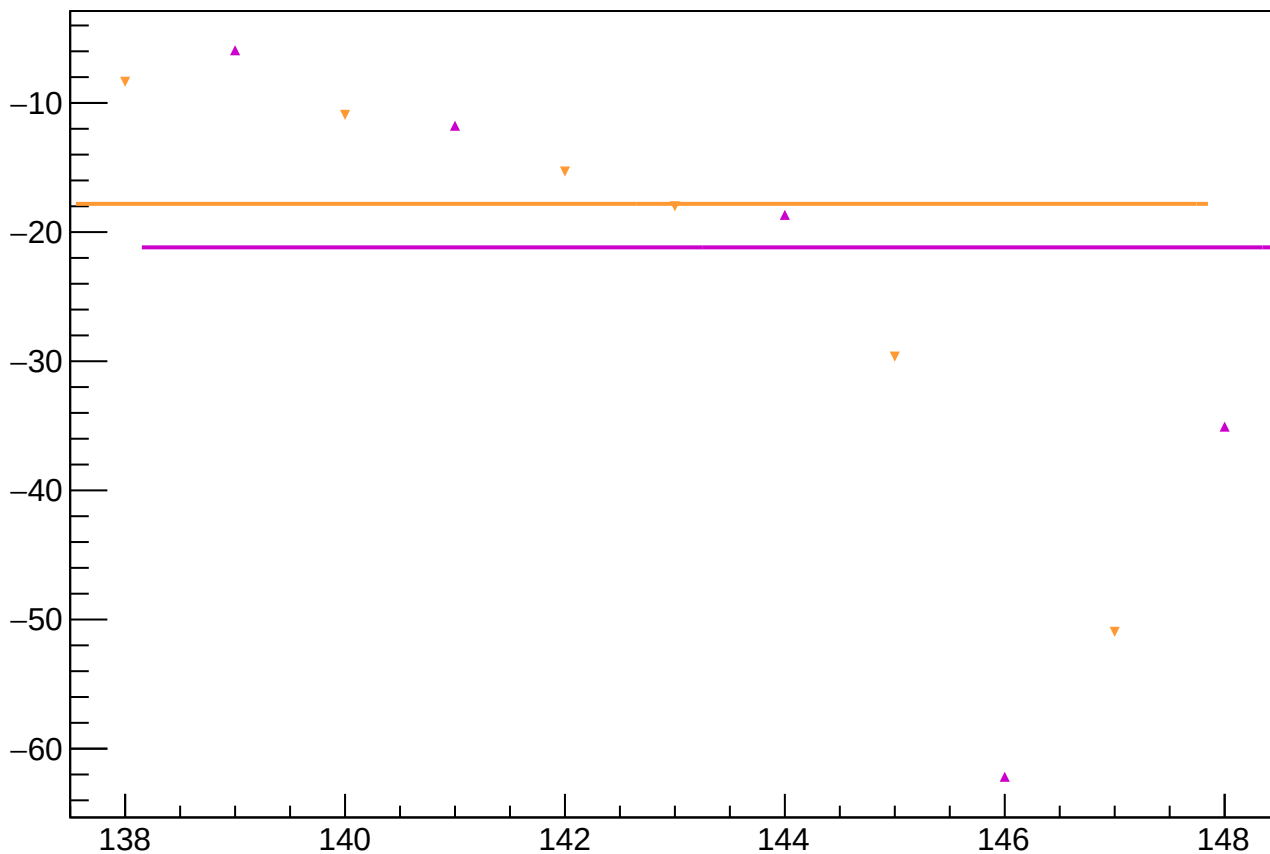
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.188 $\pm$ 0.003 χ^2 /NDF:1245.3/21

Out: 0.220 $\pm$ 0.003 χ^2 /NDF:1909.3/23

All: 0.205 $\pm$ 0.002 χ^2 /NDF: 3210.4/45

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.813+/-0.112 χ^2/NDF :13582.0/5

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: -19.499+/-0.079 χ^2/NDF : 41274.3/10

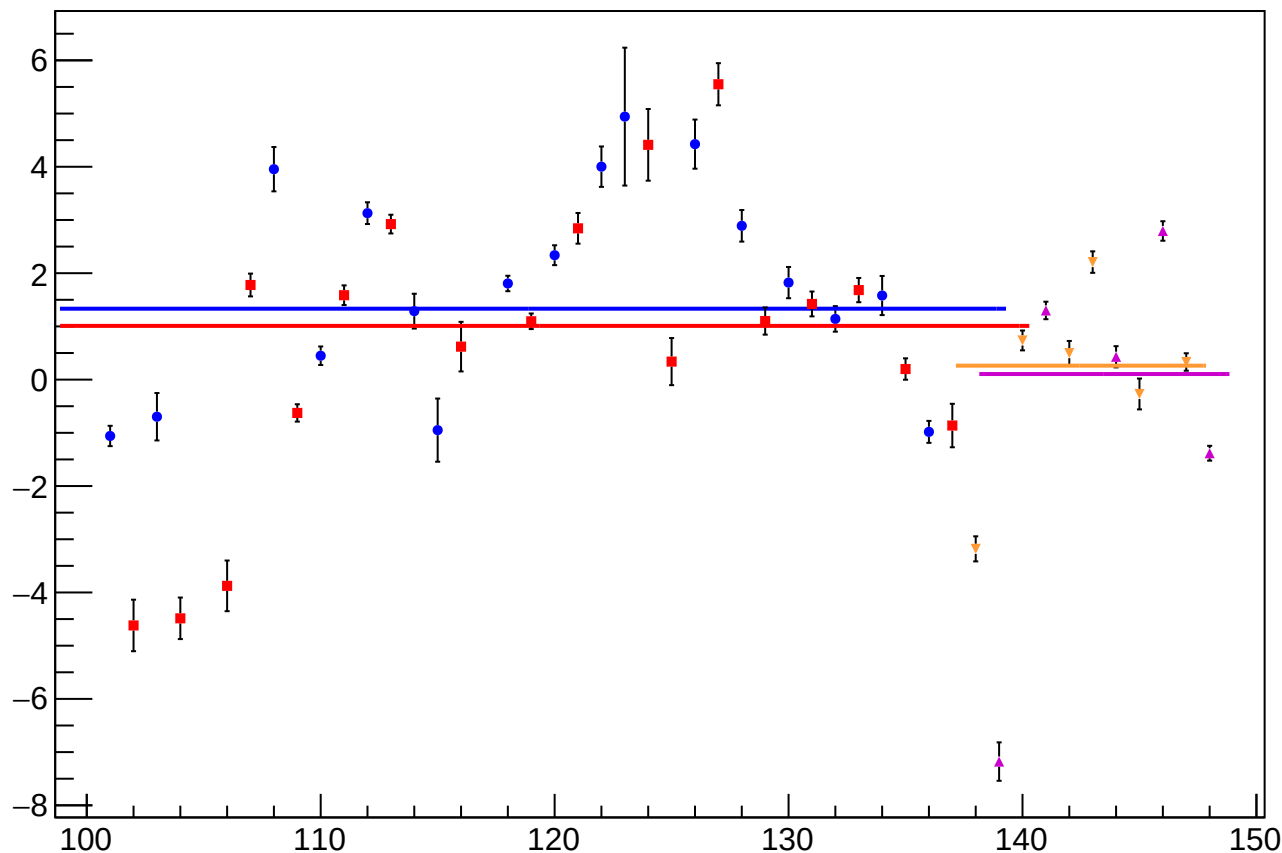
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Out: -17.813+/-0.112 χ^2/NDF :13582.0/5

All: -19.499+/-0.079 χ^2/NDF : 41274.3/10

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: 0.263 ± 0.085 $\chi^2/\text{NDF}: 317.6/5$

Right Out: 1.010 ± 0.058 $\chi^2/\text{NDF}: 930.3/17$

Left In: 0.105 ± 0.081 $\chi^2/\text{NDF}: 791.9/4$

Left: 0.181 ± 0.059 $\chi^2/\text{NDF}: 1111.3/10$

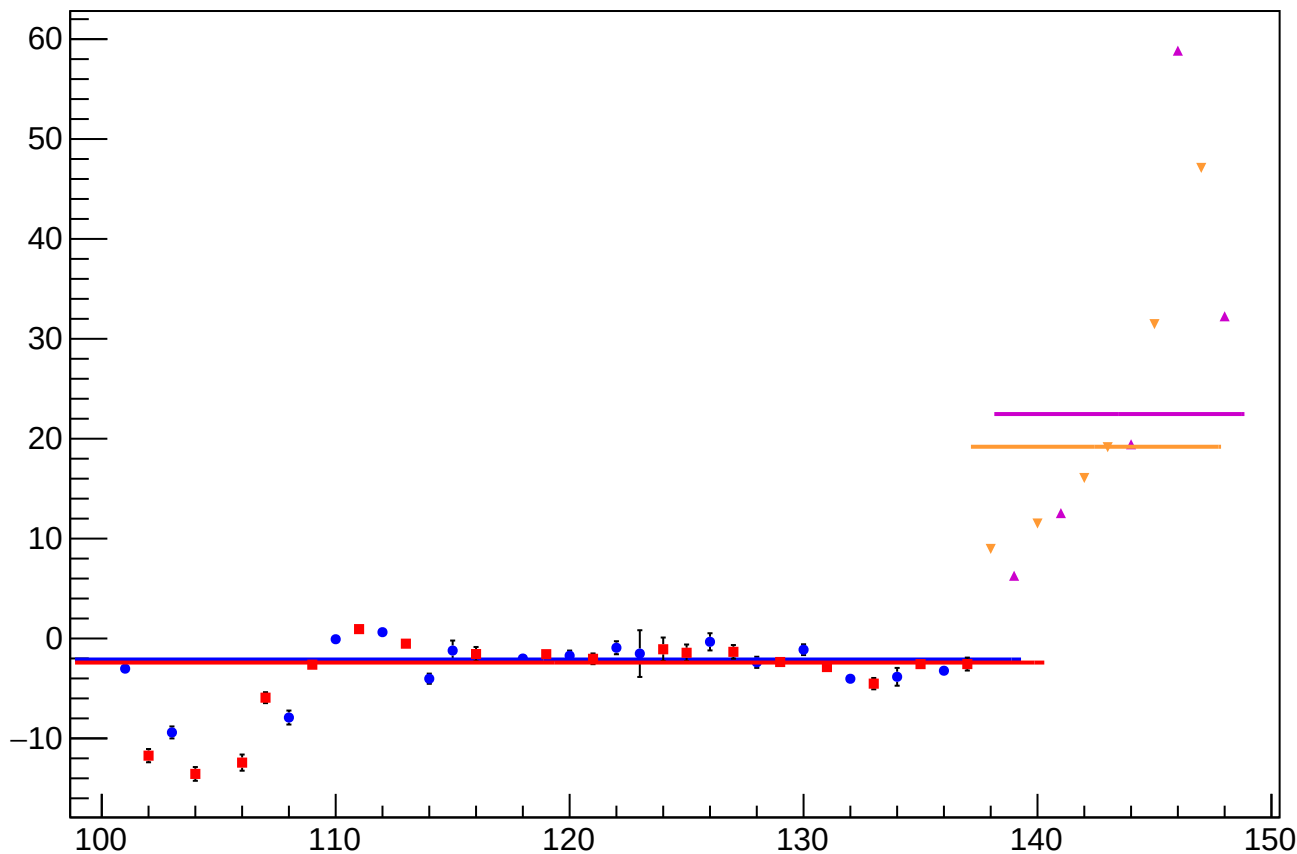
Right: 1.163 ± 0.042 $\chi^2/\text{NDF}: 1579.5/34$

In: 0.889 ± 0.049 $\chi^2/\text{NDF}: 1572.0/21$

Out: 0.771 ± 0.048 $\chi^2/\text{NDF}: 1300.8/23$

All: 0.829 ± 0.034 $\chi^2/\text{NDF}: 2875.8/45$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 19.195 ± 0.118 χ^2/NDF : 11896.2/5

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 22.468 ± 0.115 χ^2/NDF : 23570.4/4

Left: 20.870 ± 0.082 χ^2/NDF : 35859.9/10

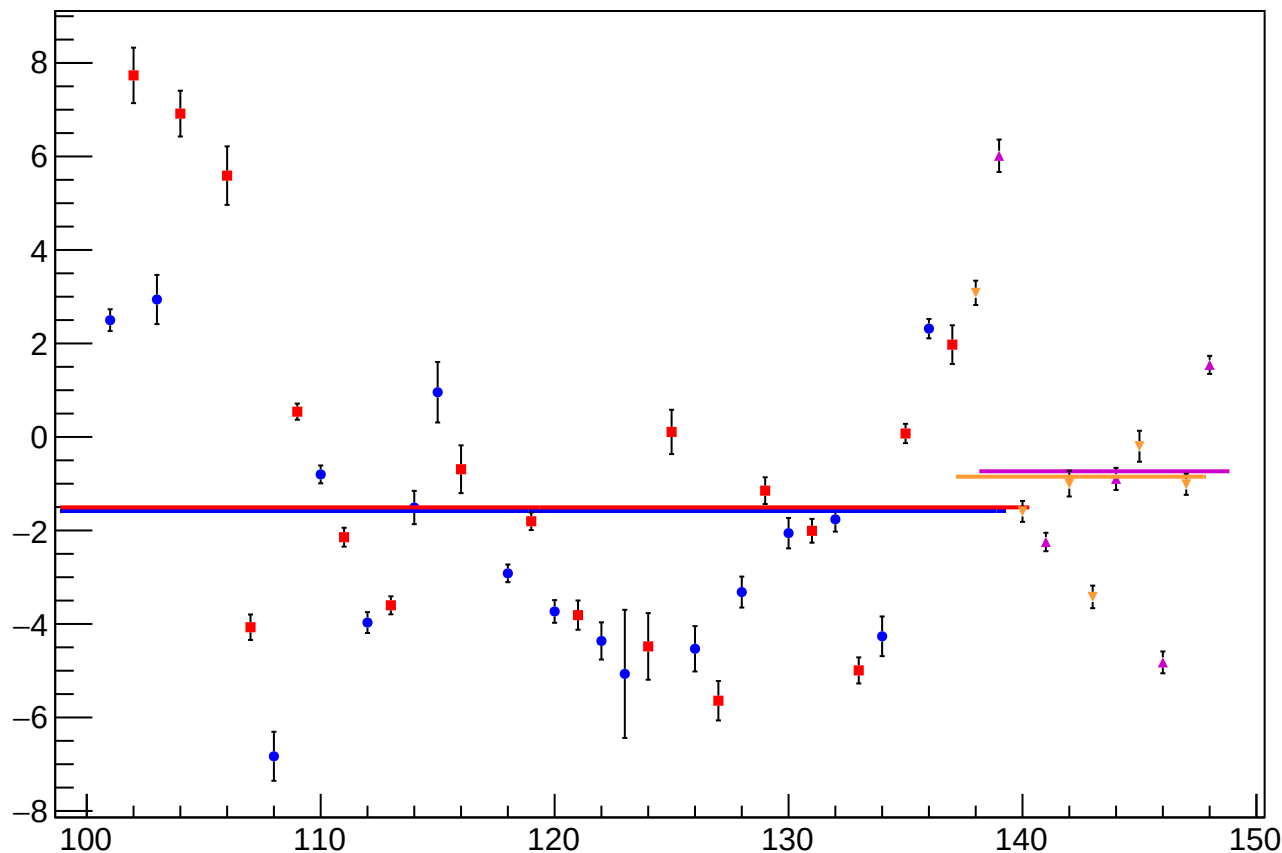
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 9.698 ± 0.080 χ^2/NDF : 47600.0/21

Out: 6.536 ± 0.076 χ^2/NDF : 32410.8/23

All: 8.036 ± 0.055 χ^2/NDF : 80833.1/45

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -0.850 ± 0.103 $\chi^2/\text{NDF}: 358.2/5$

Right Out: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$

Left In: -0.734 ± 0.102 $\chi^2/\text{NDF}: 880.1/4$

Left: -0.791 ± 0.072 $\chi^2/\text{NDF}: 1239.0/10$

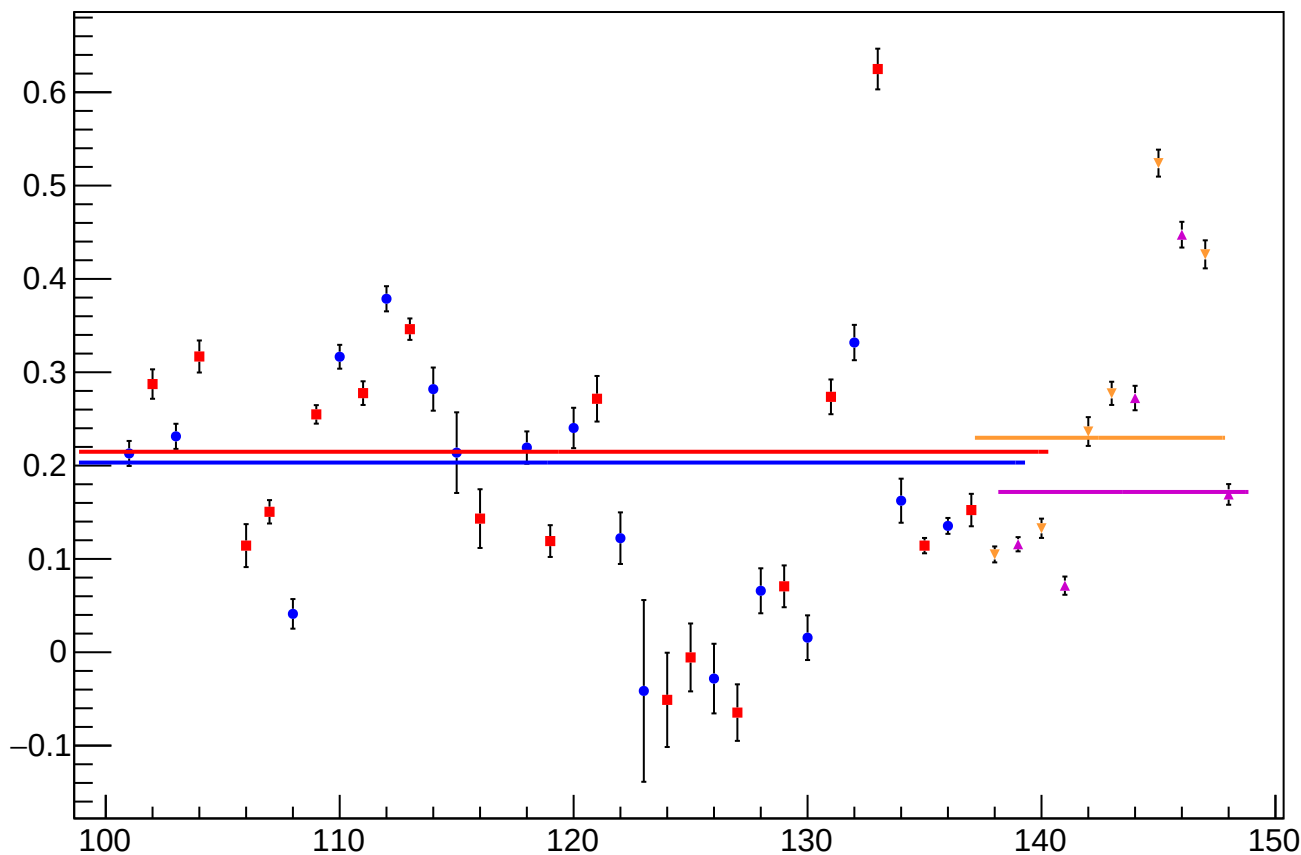
Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$

In: -1.308 ± 0.058 $\chi^2/\text{NDF}: 2199.6/21$

Out: -1.317 ± 0.055 $\chi^2/\text{NDF}: 1886.8/23$

All: -1.313 ± 0.040 $\chi^2/\text{NDF}: 4086.4/45$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.230 $\pm$ 0.005 χ^2 /NDF:902.4/5

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:618.2/4

Left: 0.199 $\pm$ 0.003 χ^2 /NDF: 1596.1/10

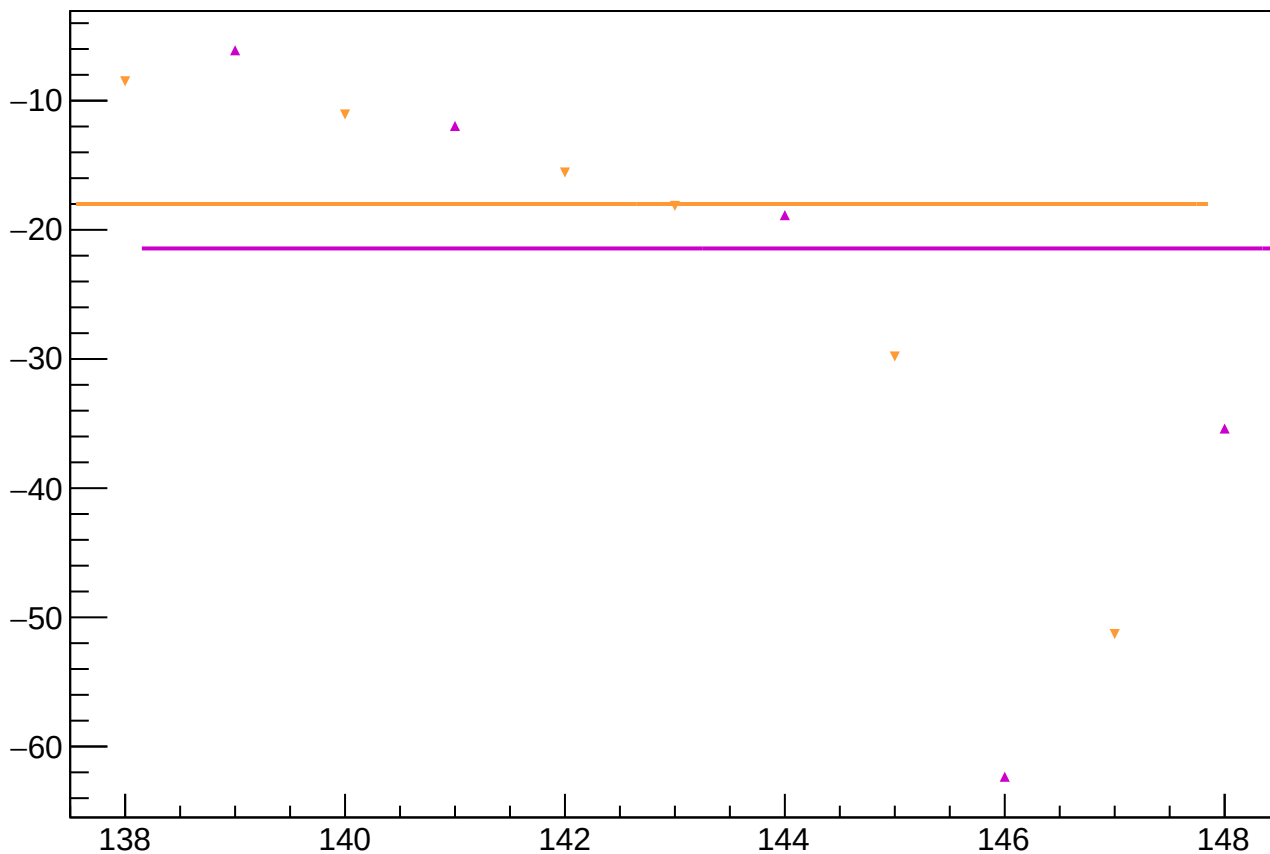
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.189 $\pm$ 0.003 χ^2 /NDF:1276.8/21

Out: 0.220 $\pm$ 0.003 χ^2 /NDF:1941.4/23

All: 0.206 $\pm$ 0.002 χ^2 /NDF: 3271.8/45

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



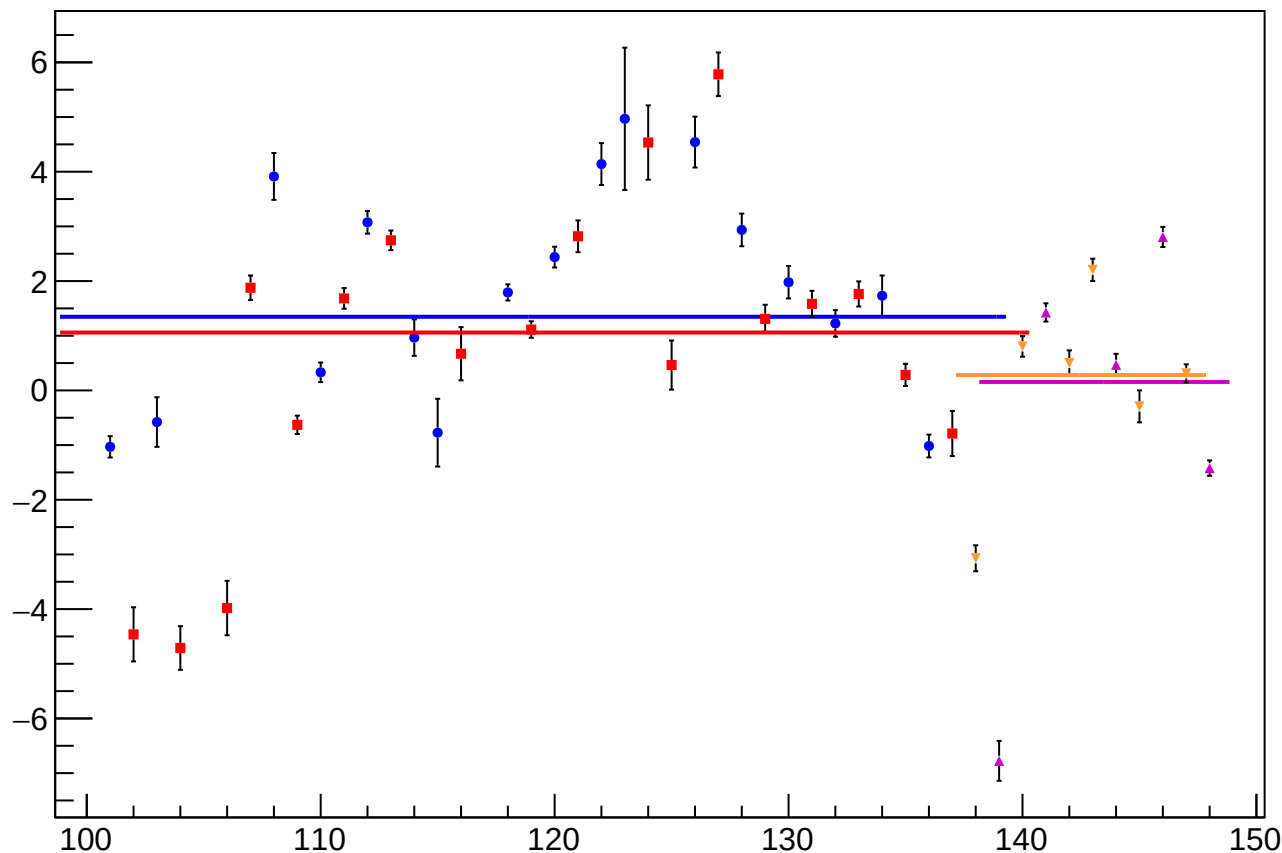
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.000+/-0.113 χ^2/NDF :13466.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.441+/-0.113 χ^2/NDF :26851.8/4

Left: -19.721+/-0.080 χ^2/NDF : 40781.7/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.441+/-0.113 χ^2/NDF :26851.8/4
 Out: -18.000+/-0.113 χ^2/NDF :13466.1/5

All: -19.721+/-0.080 χ^2/NDF : 40781.7/10

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.282 ± 0.085 χ^2/NDF : 300.6/5

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.155 ± 0.082 χ^2/NDF : 753.9/4

Left: 0.216 ± 0.059 χ^2/NDF : 1055.6/10

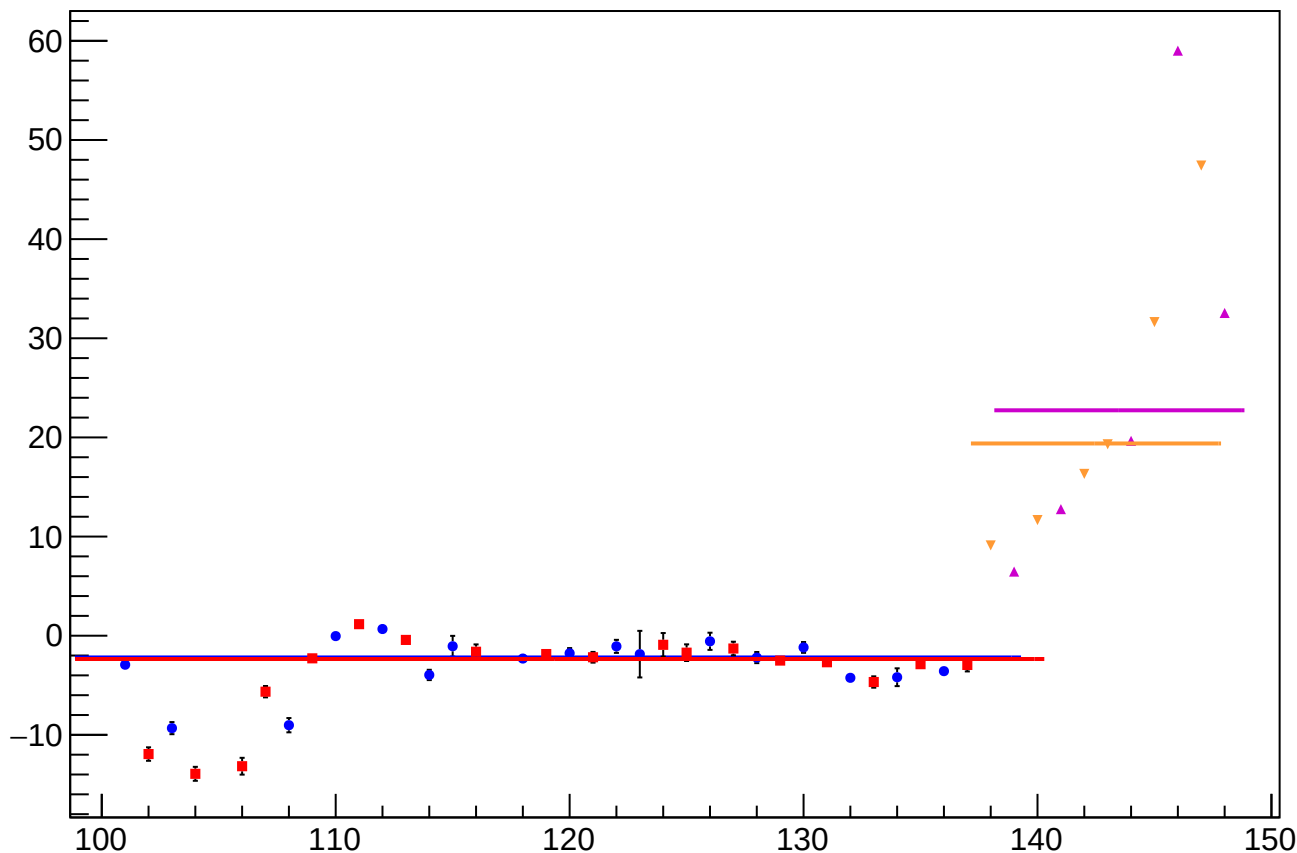
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 0.912 ± 0.050 χ^2/NDF : 1517.8/21

Out: 0.806 ± 0.049 χ^2/NDF : 1261.7/23

All: 0.858 ± 0.035 χ^2/NDF : 2781.8/45

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 19.390 ± 0.119 $\chi^2/\text{NDF}: 11787.4/5$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 22.736 ± 0.116 $\chi^2/\text{NDF}: 23209.0/4$

Left: 21.100 ± 0.083 $\chi^2/\text{NDF}: 35399.7/10$

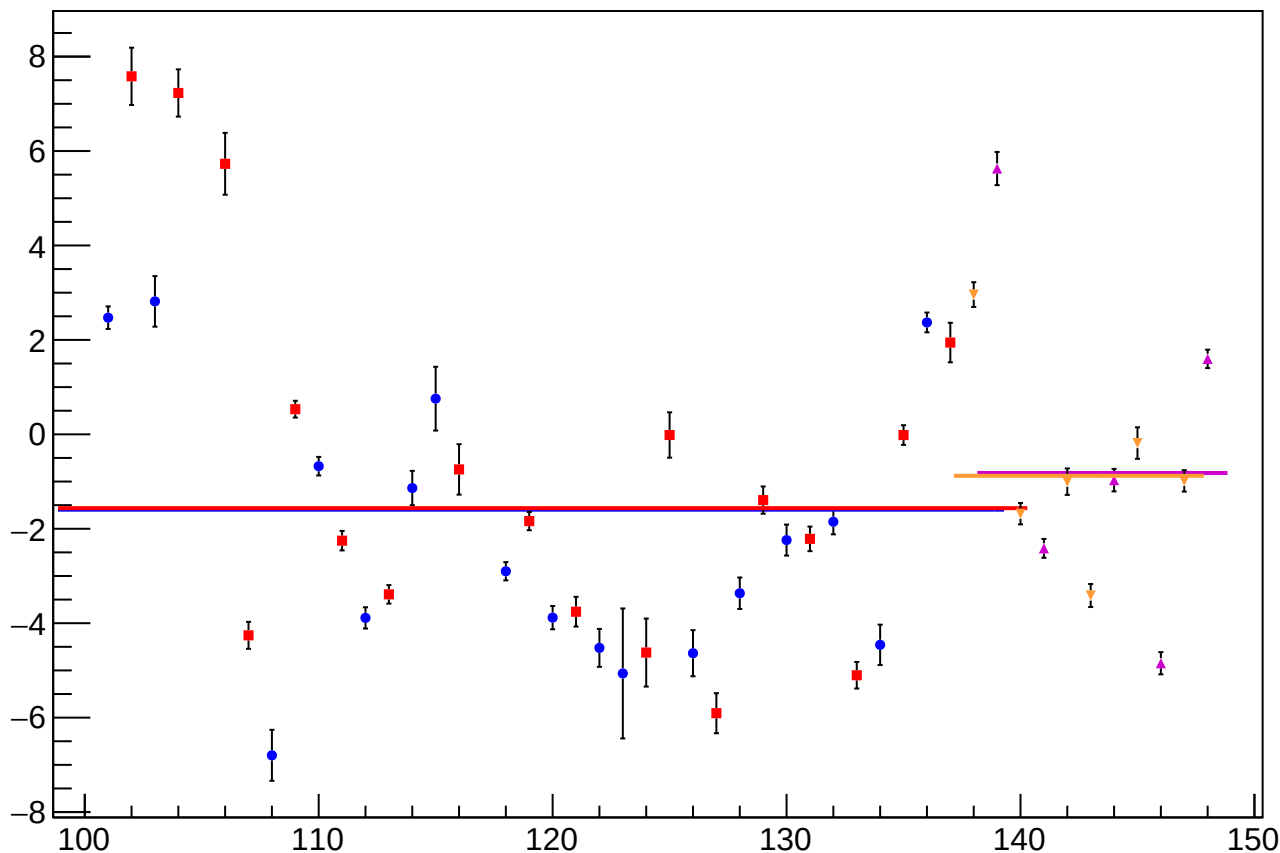
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 9.877 ± 0.081 $\chi^2/\text{NDF}: 47301.8/21$

Out: 6.778 ± 0.077 $\chi^2/\text{NDF}: 32017.4/23$

All: 8.252 ± 0.056 $\chi^2/\text{NDF}: 80086.1/45$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -0.878 ± 0.104 $\chi^2/\text{NDF}: 339.9/5$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -0.818 ± 0.103 $\chi^2/\text{NDF}: 847.3/4$

Left: -0.848 ± 0.073 $\chi^2/\text{NDF}: 1187.4/10$

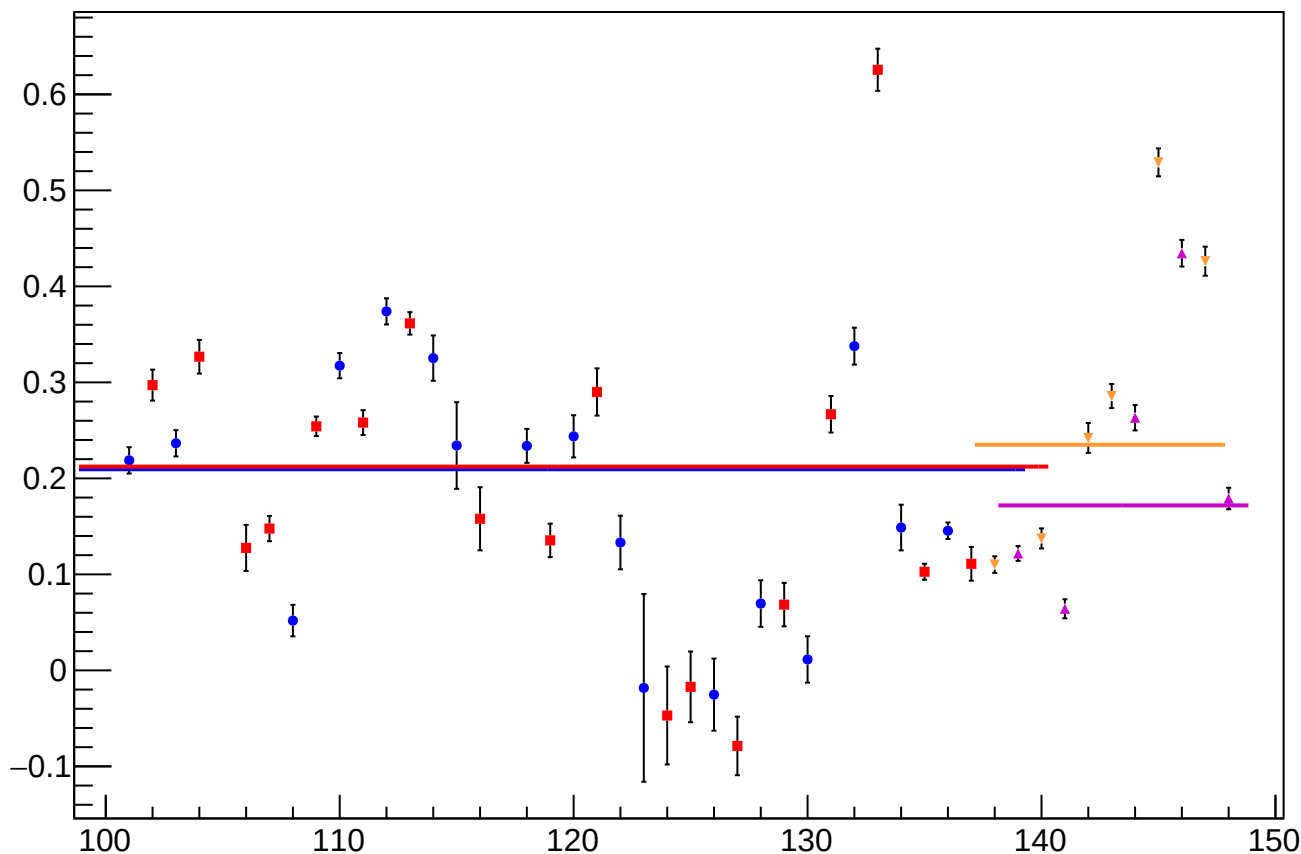
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -1.340 ± 0.059 $\chi^2/\text{NDF}: 2141.2/21$

Out: -1.363 ± 0.056 $\chi^2/\text{NDF}: 1832.5/23$

All: -1.352 ± 0.041 $\chi^2/\text{NDF}: 3973.8/45$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.235 $\pm$ 0.005 χ^2 /NDF:881.8/5

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:567.2/4

Left: 0.202 $\pm$ 0.003 χ^2 /NDF: 1536.6/10

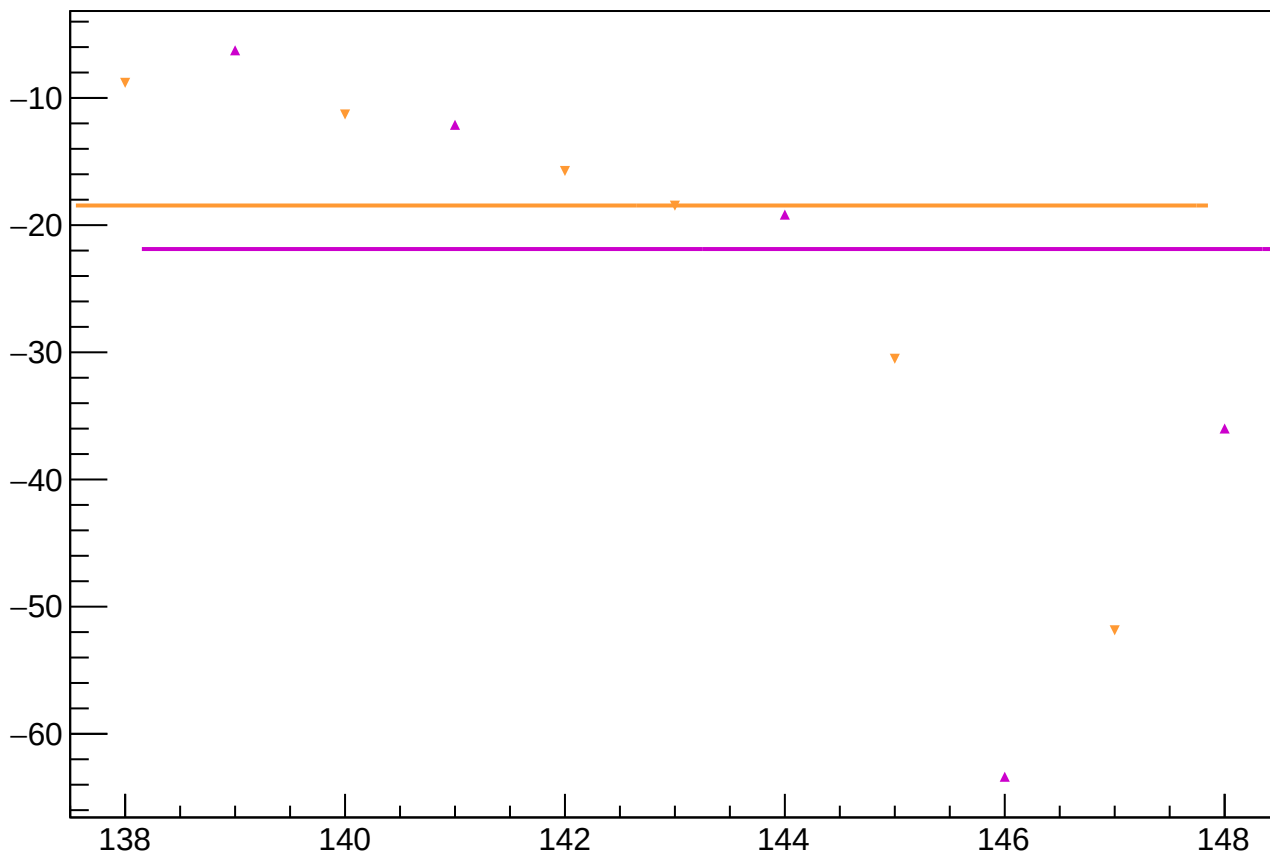
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.193 $\pm$ 0.003 χ^2 /NDF:1200.9/21

Out: 0.221 $\pm$ 0.003 χ^2 /NDF:1992.3/23

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3235.7/45

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.456+/-0.115 χ^2/NDF :13269.7/5
 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: -20.170+/-0.081 χ^2/NDF : 40486.0/10

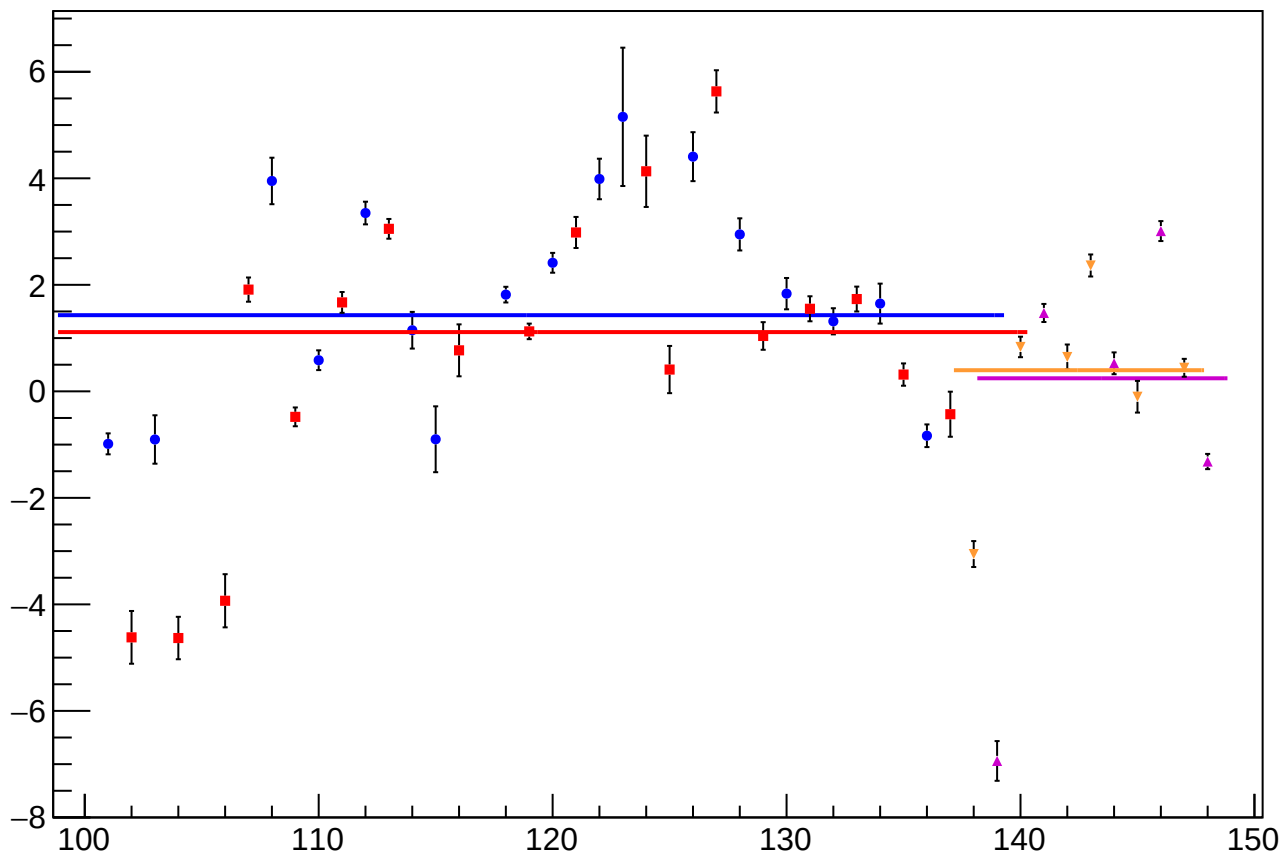
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Out: -18.456+/-0.115 χ^2/NDF :13269.7/5

All: -20.170+/-0.081 χ^2/NDF : 40486.0/10

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 0.397 ± 0.087 $\chi^2/\text{NDF}: 300.4/5$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 0.245 ± 0.084 $\chi^2/\text{NDF}: 762.3/4$

Left: 0.318 ± 0.060 $\chi^2/\text{NDF}: 1064.3/10$

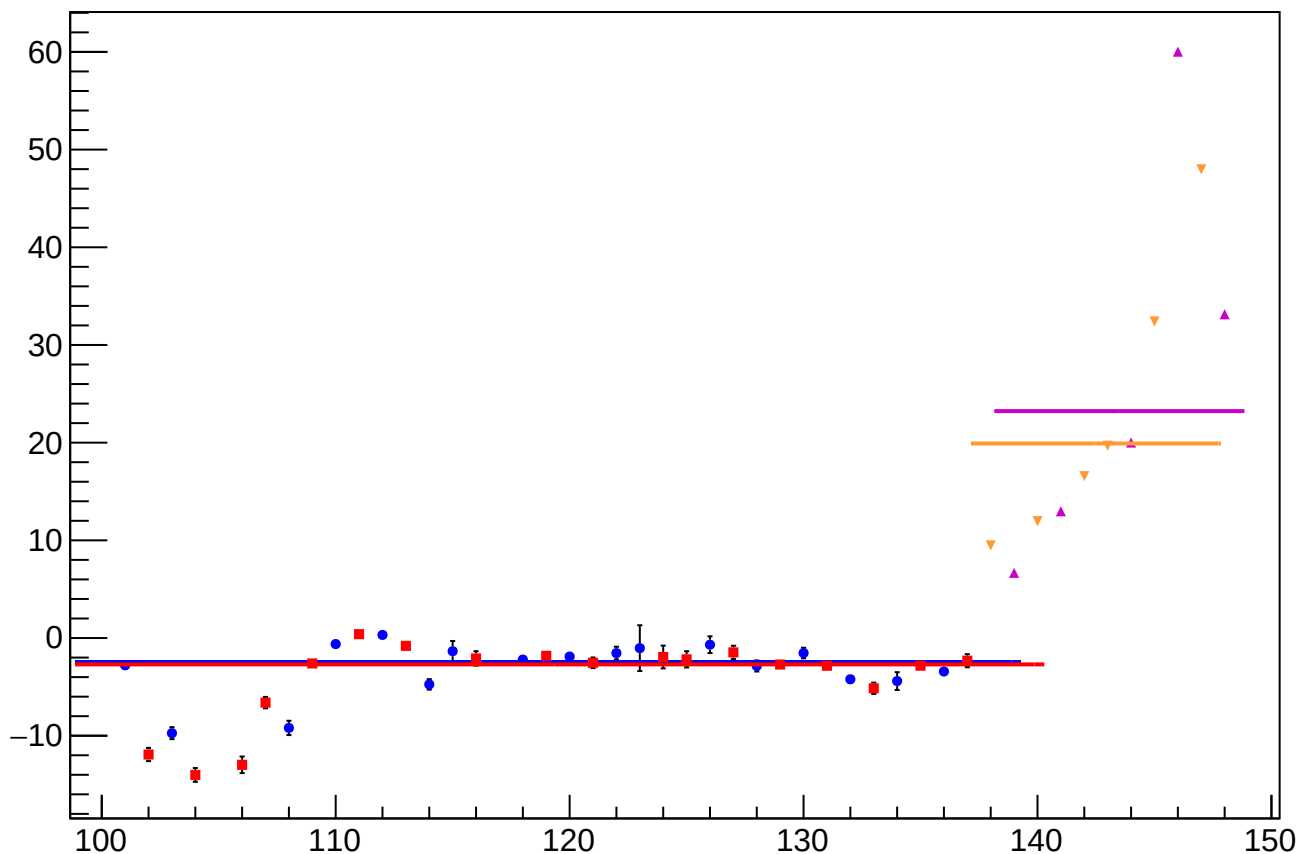
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.003 ± 0.050 $\chi^2/\text{NDF}: 1488.9/21$

Out: 0.882 ± 0.049 $\chi^2/\text{NDF}: 1233.9/23$

All: 0.941 ± 0.035 $\chi^2/\text{NDF}: 2725.7/45$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 19.916 ± 0.122 χ^2/NDF : 11587.5/5

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 23.233 ± 0.119 χ^2/NDF : 23123.5/4

Left: 21.613 ± 0.085 χ^2/NDF : 35092.2/10

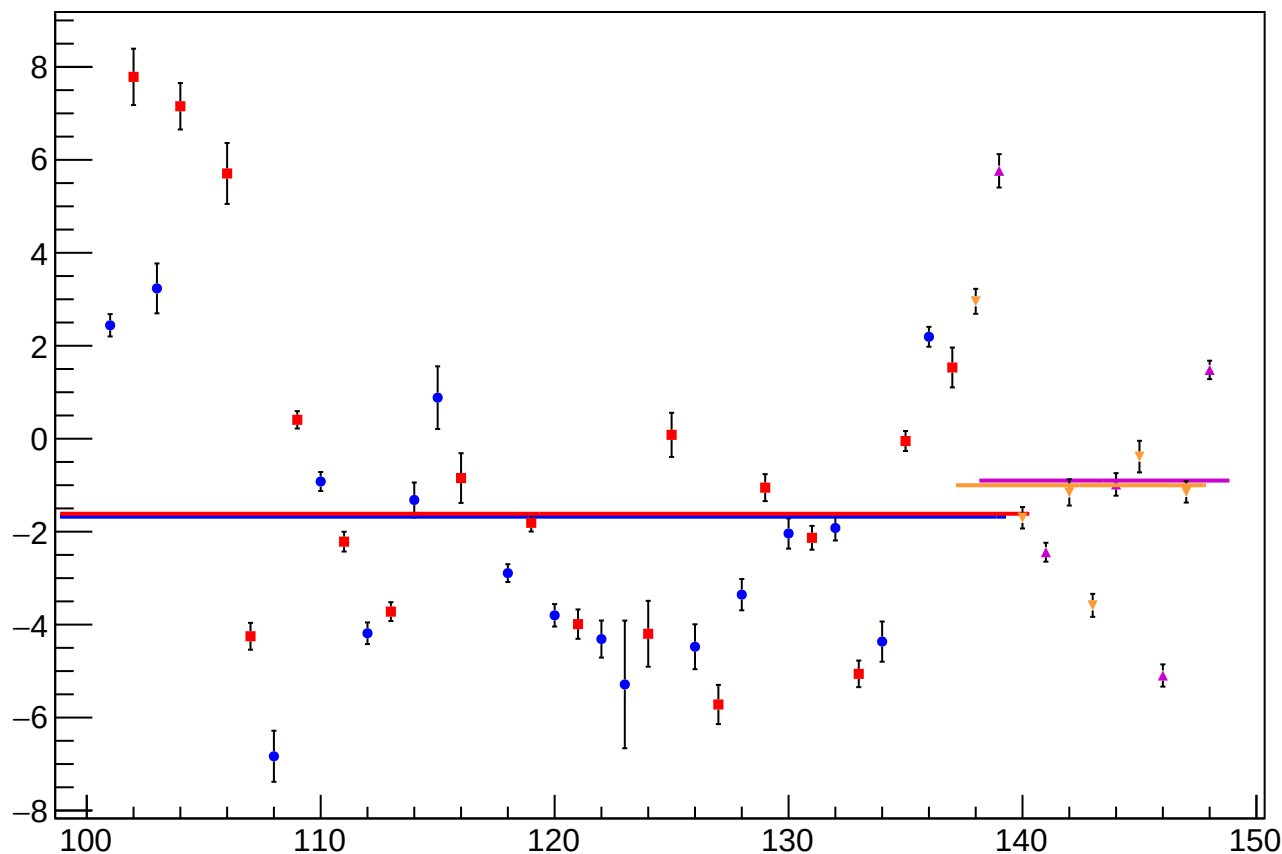
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 9.931 ± 0.082 χ^2/NDF : 47789.5/21

Out: 6.814 ± 0.079 χ^2/NDF : 32478.5/23

All: 8.303 ± 0.057 χ^2/NDF : 81014.9/45

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -1.001 ± 0.106 $\chi^2/\text{NDF}: 338.9/5$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -0.901 ± 0.104 $\chi^2/\text{NDF}: 853.2/4$

Left: -0.950 ± 0.074 $\chi^2/\text{NDF}: 1192.5/10$

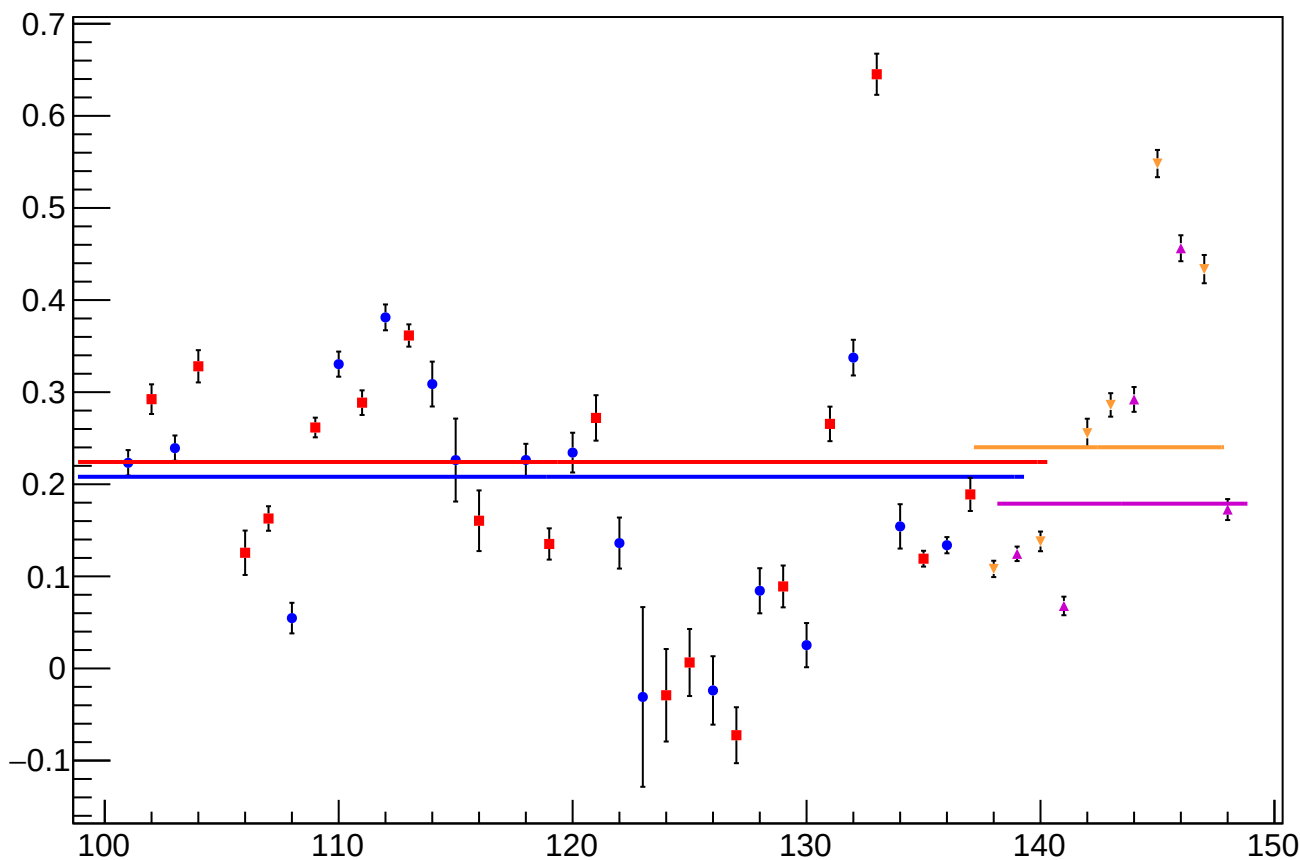
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -1.425 ± 0.060 $\chi^2/\text{NDF}: 2095.3/21$

Out: -1.436 ± 0.057 $\chi^2/\text{NDF}: 1790.0/23$

All: -1.430 ± 0.041 $\chi^2/\text{NDF}: 3885.3/45$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.240 $\pm$ 0.005 χ^2 /NDF:919.4/5

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.179 $\pm$ 0.005 χ^2 /NDF:627.2/4

Left: 0.208 $\pm$ 0.003 χ^2 /NDF: 1625.9/10

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.195 $\pm$ 0.003 χ^2 /NDF:1248.3/21

Out: 0.230 $\pm$ 0.003 χ^2 /NDF:1921.6/23

All: 0.213 $\pm$ 0.002 χ^2 /NDF: 3233.6/45