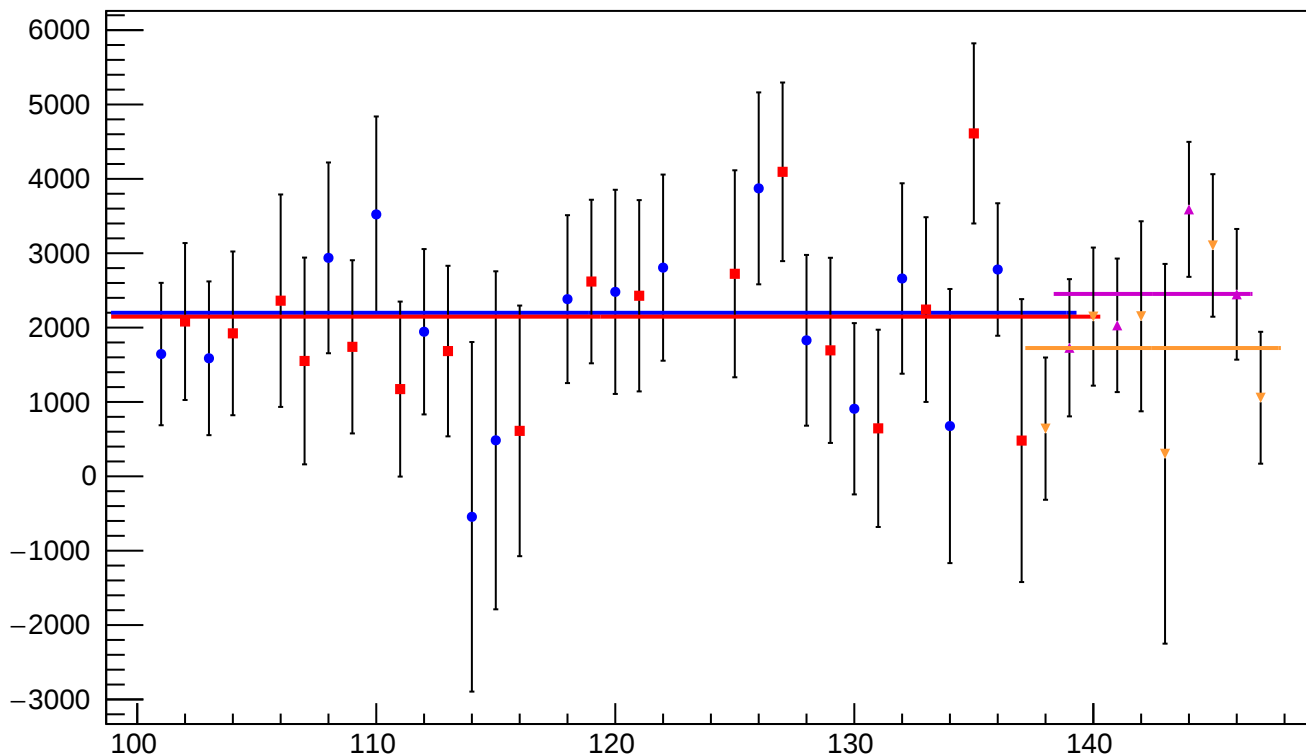


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1725.286+/-431.173

Right Out: 2147.149+/-304.804

Left In: 2452.726+/-450.656

χ^2/NDF : 8.6/15

χ^2/NDF : 4.6/5

χ^2/NDF : 11.4/16

χ^2/NDF : 2.4/3

Left: 2072.942+/-311.546

Right: 2172.848+/-216.219

In: 2279.259+/-253.590

Out: 2006.578+/-248.893

All: 2140.370+/-177.631

χ^2/NDF : 8.3/9

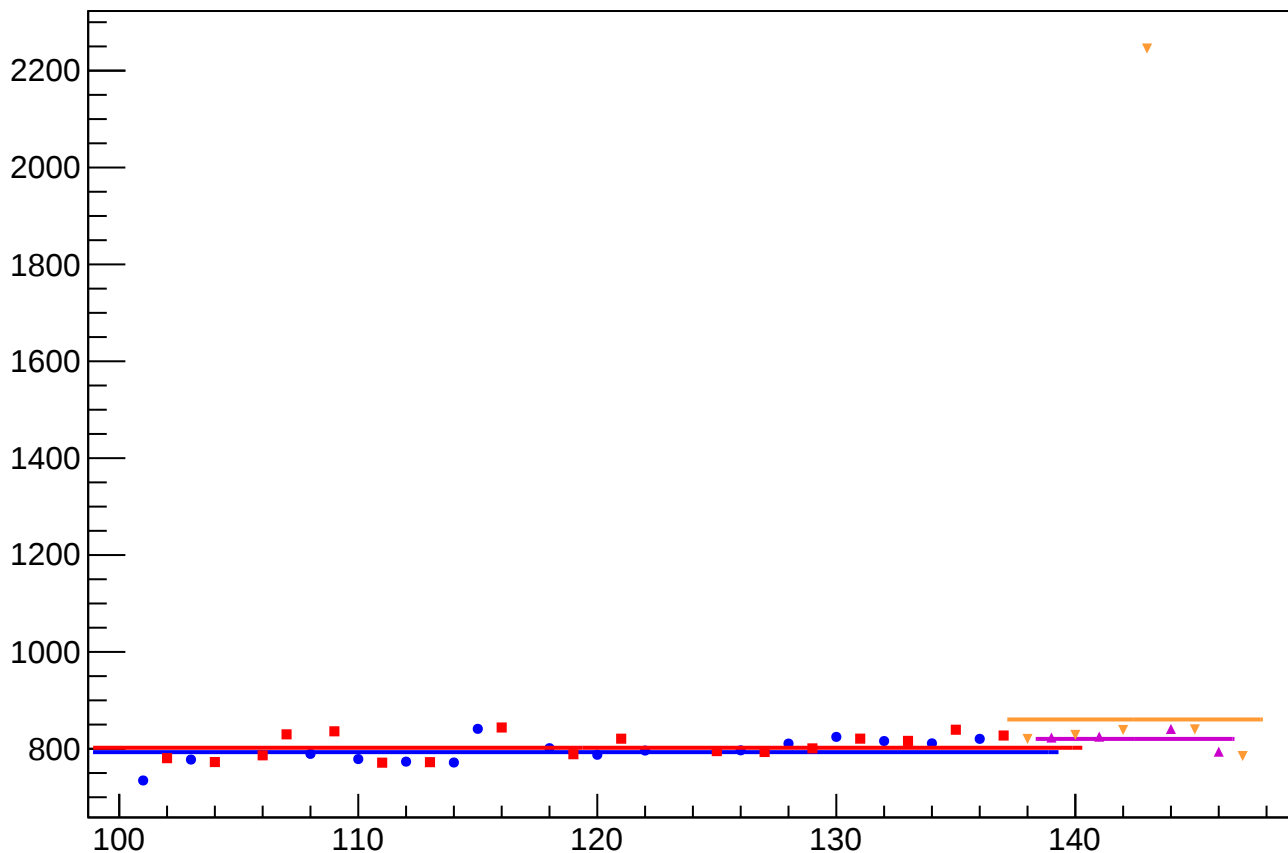
χ^2/NDF : 20.0/32

χ^2/NDF : 11.2/19

χ^2/NDF : 16.6/22

χ^2/NDF : 28.4/42

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: 820.423 $\pm$ 0.319 χ^2 /NDF: 2889.7/3

Left: 841.370 $\pm$ 0.220 χ^2 /NDF: 621692.3/9

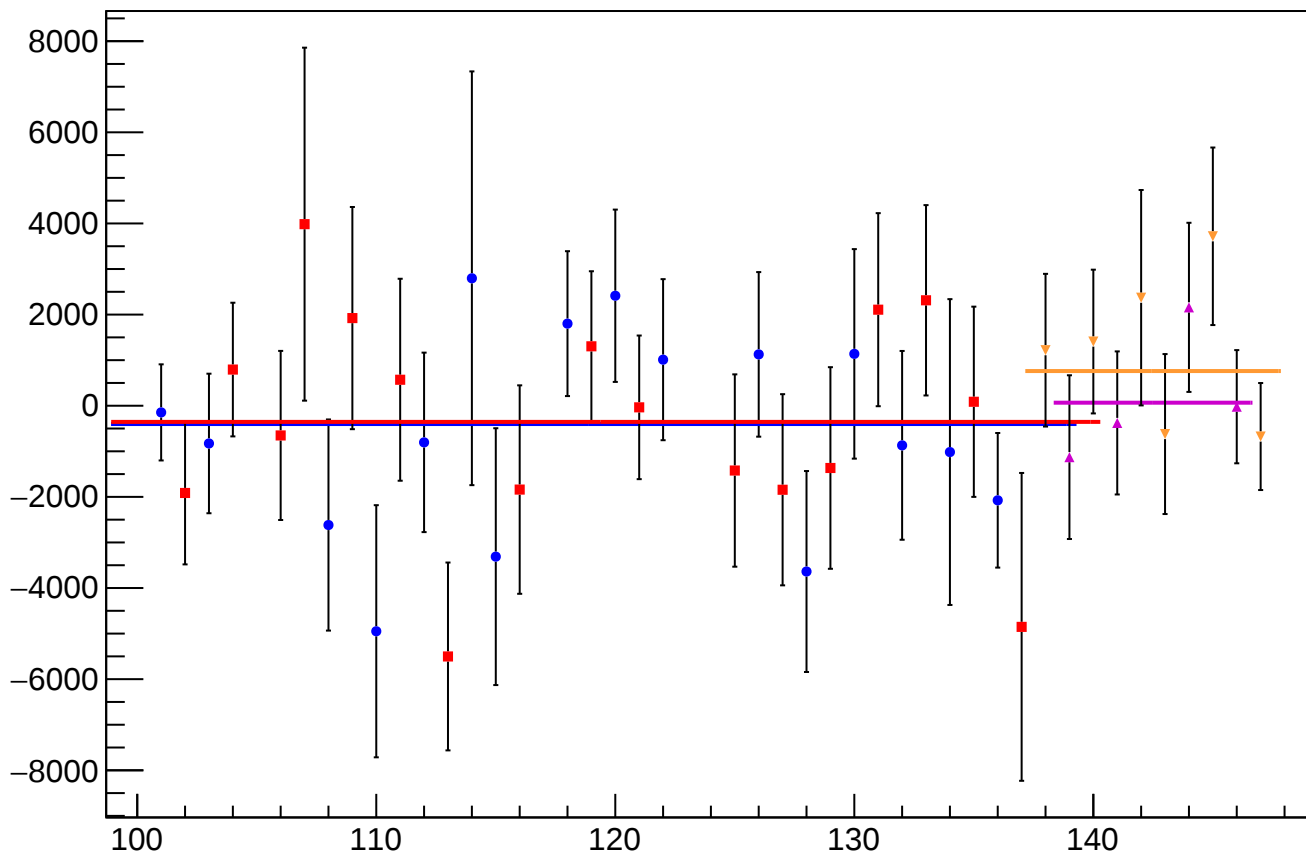
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 801.746 $\pm$ 0.179 χ^2 /NDF: 22620.0/19

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

All: 811.862 $\pm$ 0.126 χ^2 /NDF: 676581.1/42

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: 66.804+/-777.479 χ^2/NDF : 1.8/3

Left: 466.890+/-506.028 χ^2/NDF : 7.4/9

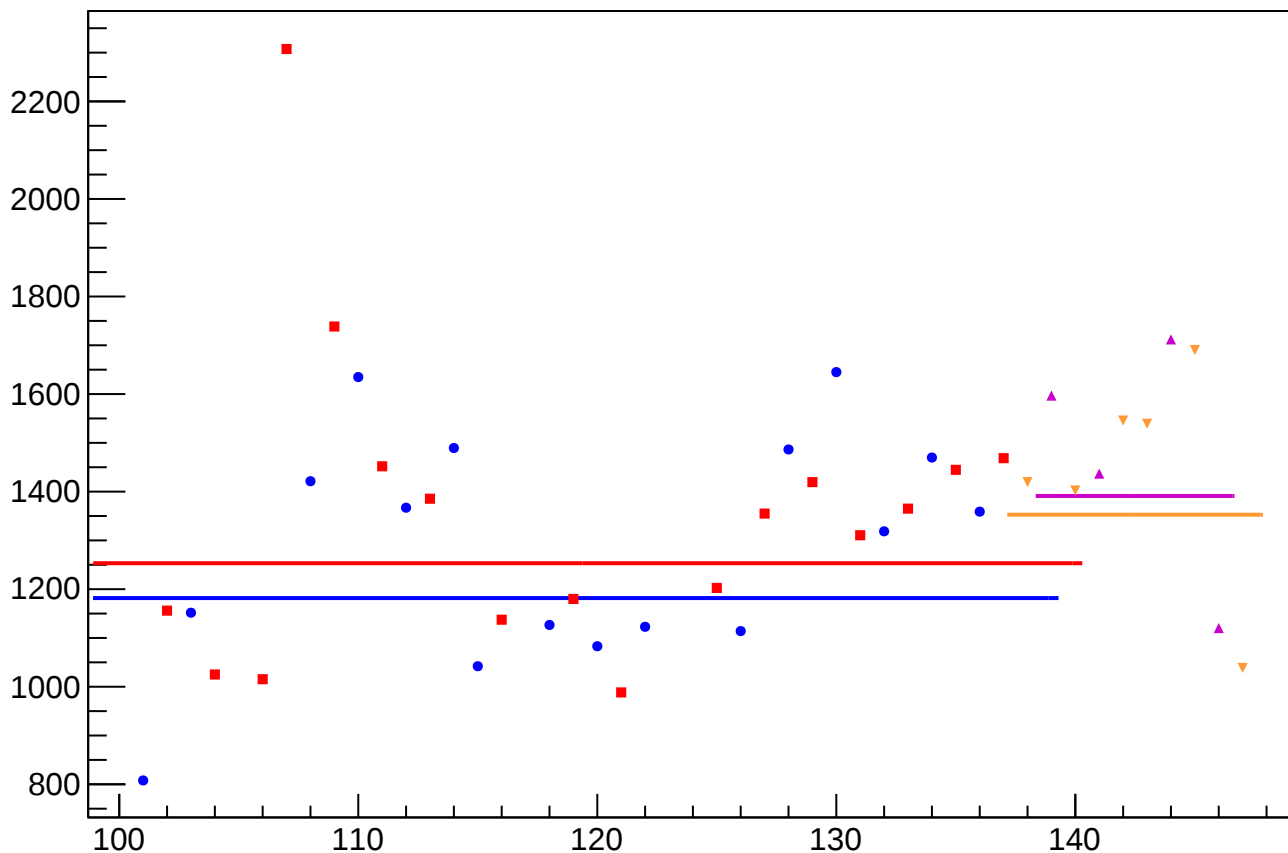
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -276.659+/-401.383 χ^2/NDF : 16.9/19

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

All: -118.421+/-280.799 χ^2/NDF : 41.6/42

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1352.645+/-0.471 χ^2/NDF :244322.5/5

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1391.083+/-0.550 χ^2/NDF :182888.2/3

Left: 1368.928+/-0.358 χ^2/NDF : 430028.4/9

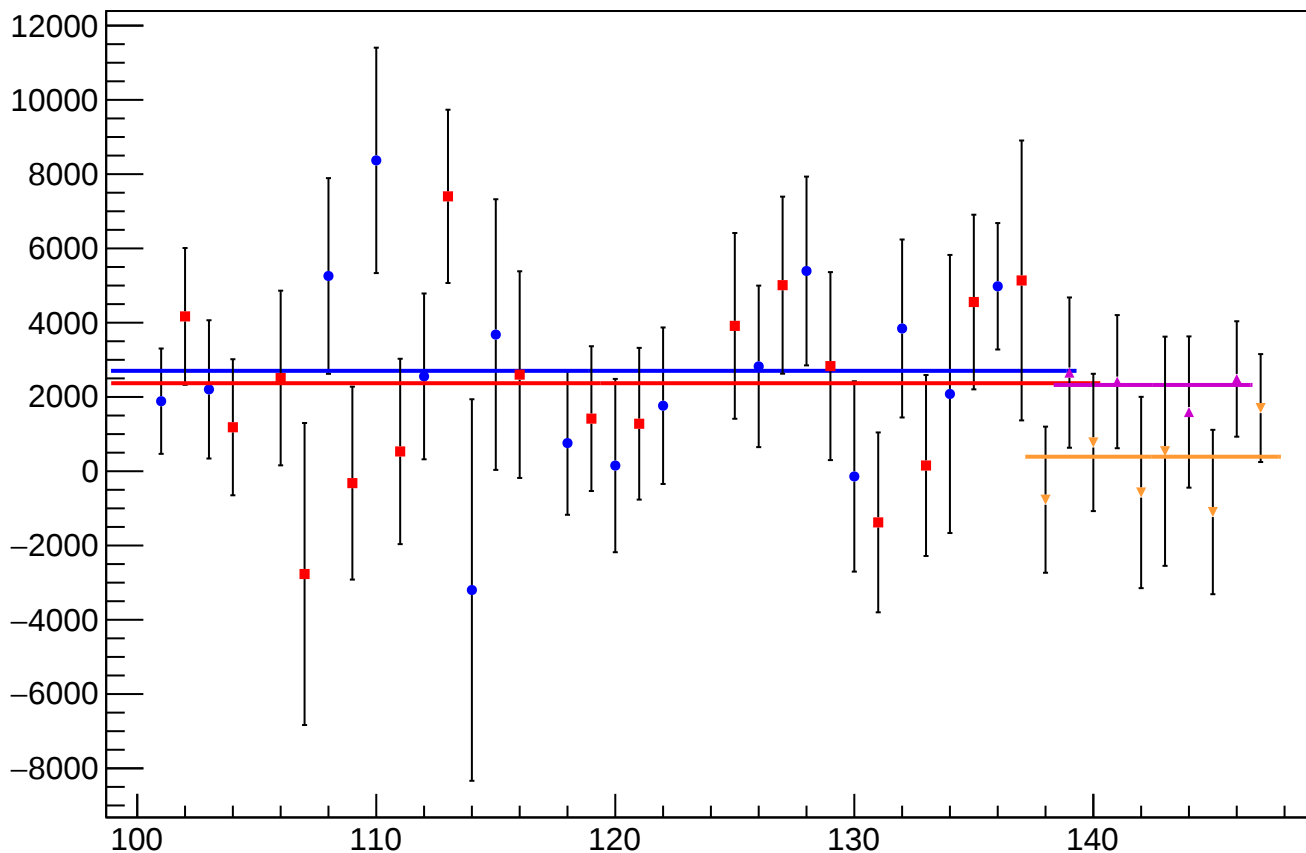
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1237.555+/-0.284 χ^2/NDF :832708.5/19

Out: 1287.781+/-0.278 χ^2/NDF :728995.5/22

All: 1263.200+/-0.199 χ^2/NDF : 1577693.9/42

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 390.951+/-820.744 χ^2/NDF : 1.8/5

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 2323.289+/-908.917 χ^2/NDF : 0.2/3

Left: 1258.870+/-609.147 χ^2/NDF : 4.5/9

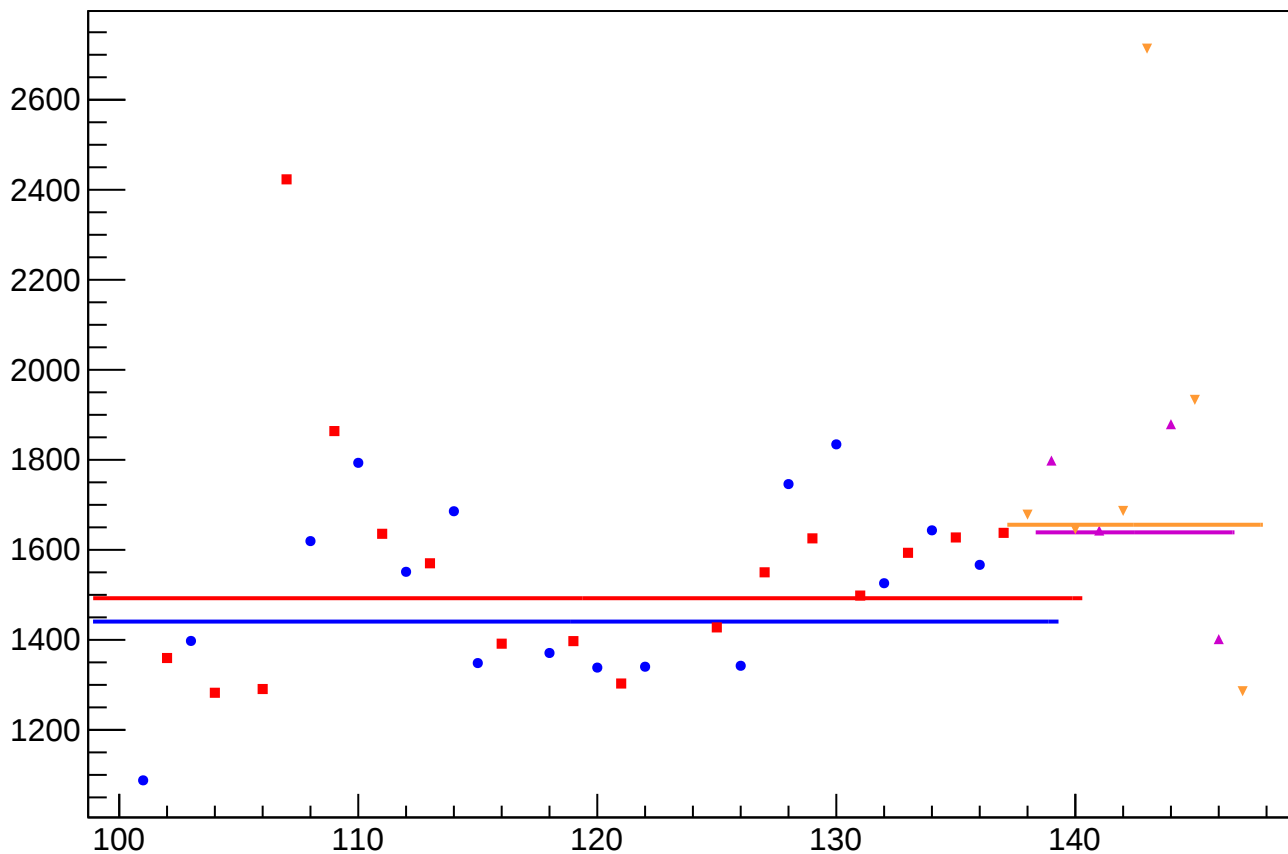
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 2597.801+/-479.544 χ^2/NDF : 13.3/19

Out: 1721.168+/-470.094 χ^2/NDF : 21.7/22

All: 2150.761+/-335.698 χ^2/NDF : 36.8/42

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2/NDF : 282262.6/15

Left Out: 1655.770 $\pm$ 0.580 χ^2/NDF : 396600.9/5

Right Out: 1492.529 $\pm$ 0.406 χ^2/NDF : 251506.2/16

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

Left: 1648.181 $\pm$ 0.431 χ^2/NDF : 483856.8/9

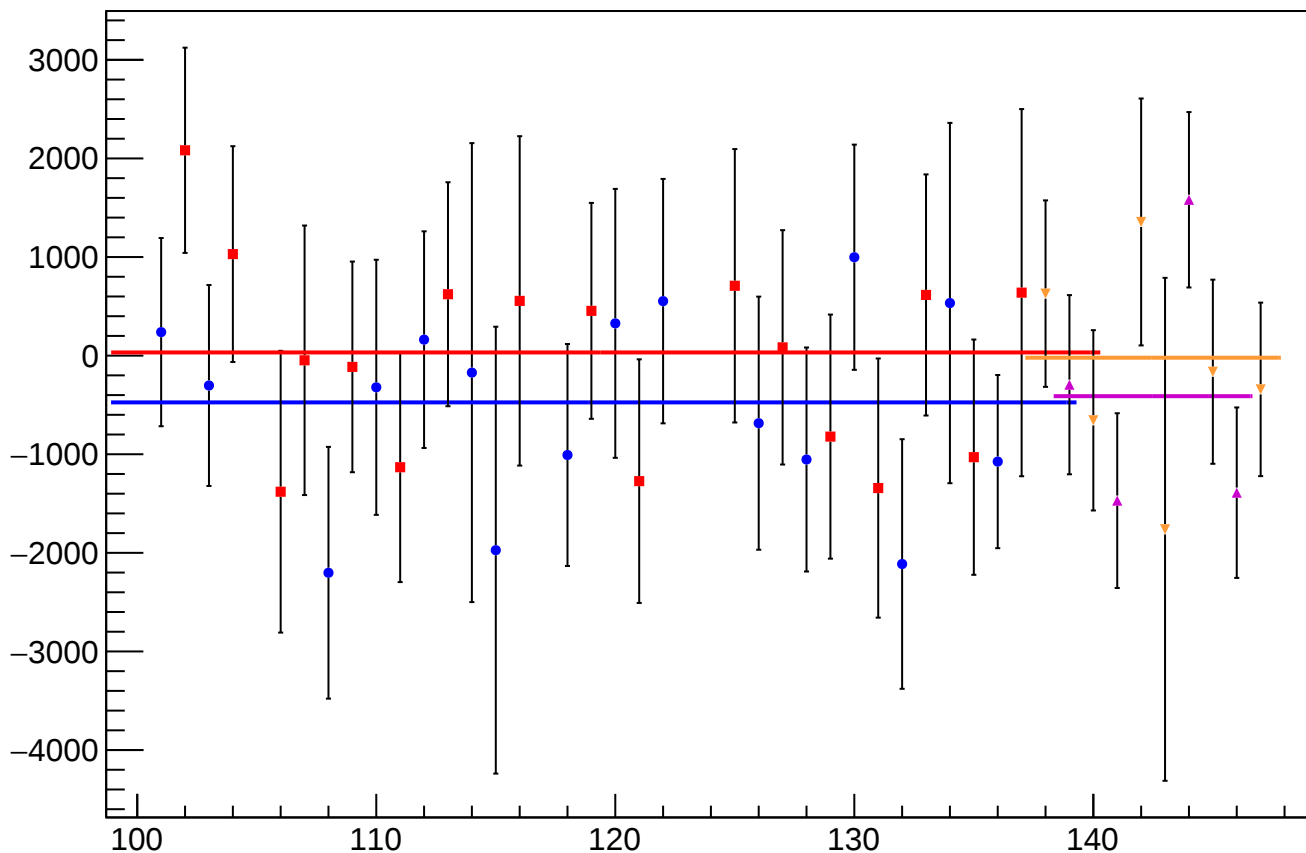
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1495.829 $\pm$ 0.339 χ^2/NDF : 437780.9/19

Out: 1546.082 $\pm$ 0.332 χ^2/NDF : 701269.3/22

All: 1521.456 $\pm$ 0.237 χ^2/NDF : 1150250.4/42

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: -20.919+/-424.686 χ^2/NDF : 2.8/5

Right Out: 32.454+/-299.611 χ^2/NDF : 11.3/16

Left In: -411.124+/-443.377 χ^2/NDF : 7.7/3

Left: -207.623+/-306.693 χ^2/NDF : 10.9/9

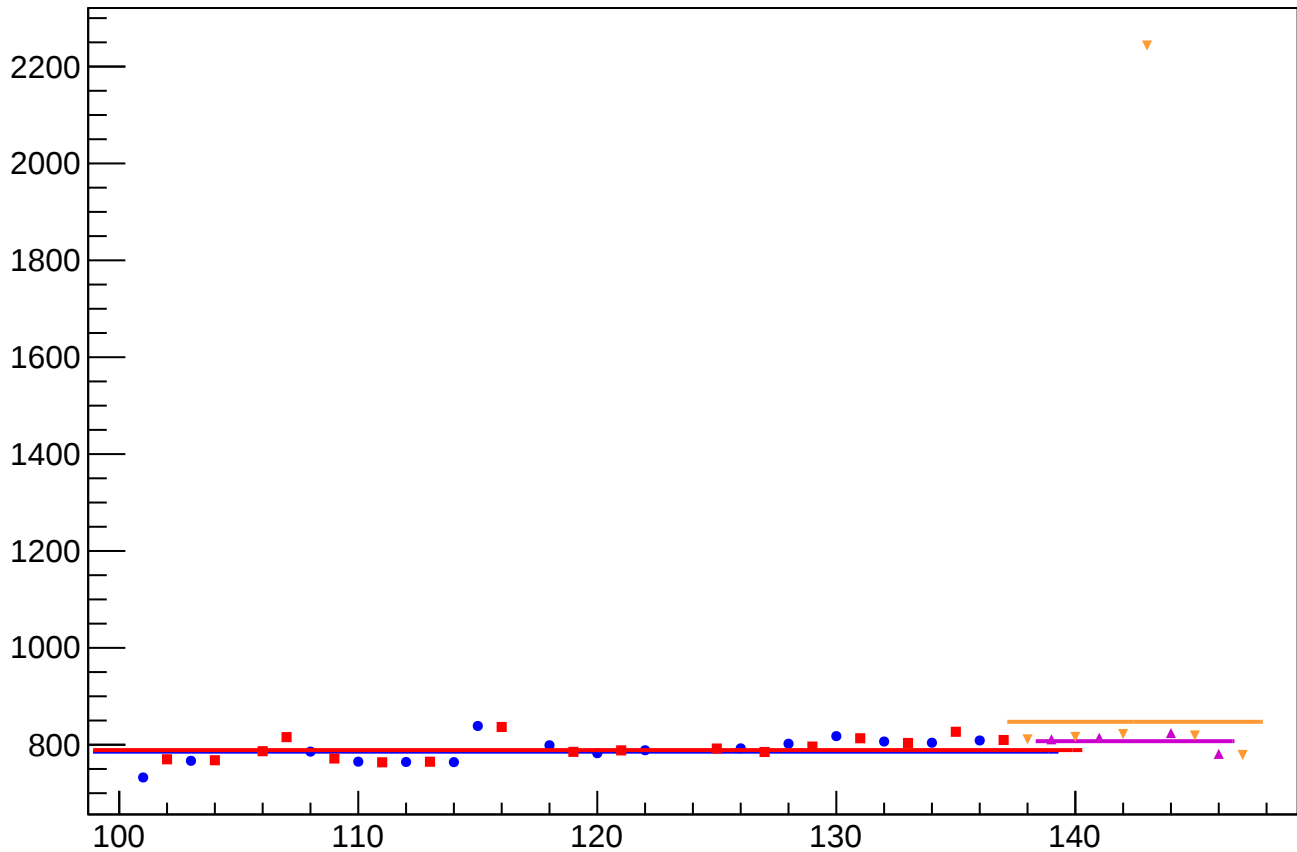
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -453.993+/-250.677 χ^2/NDF : 16.6/19

Out: 14.717+/-244.818 χ^2/NDF : 14.1/22

All: -214.096+/-175.147 χ^2/NDF : 32.5/42

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: 807.346 $\pm$ 0.314 χ^2 /NDF: 2713.3/3

Left: 828.202 $\pm$ 0.217 χ^2 /NDF: 630399.6/9

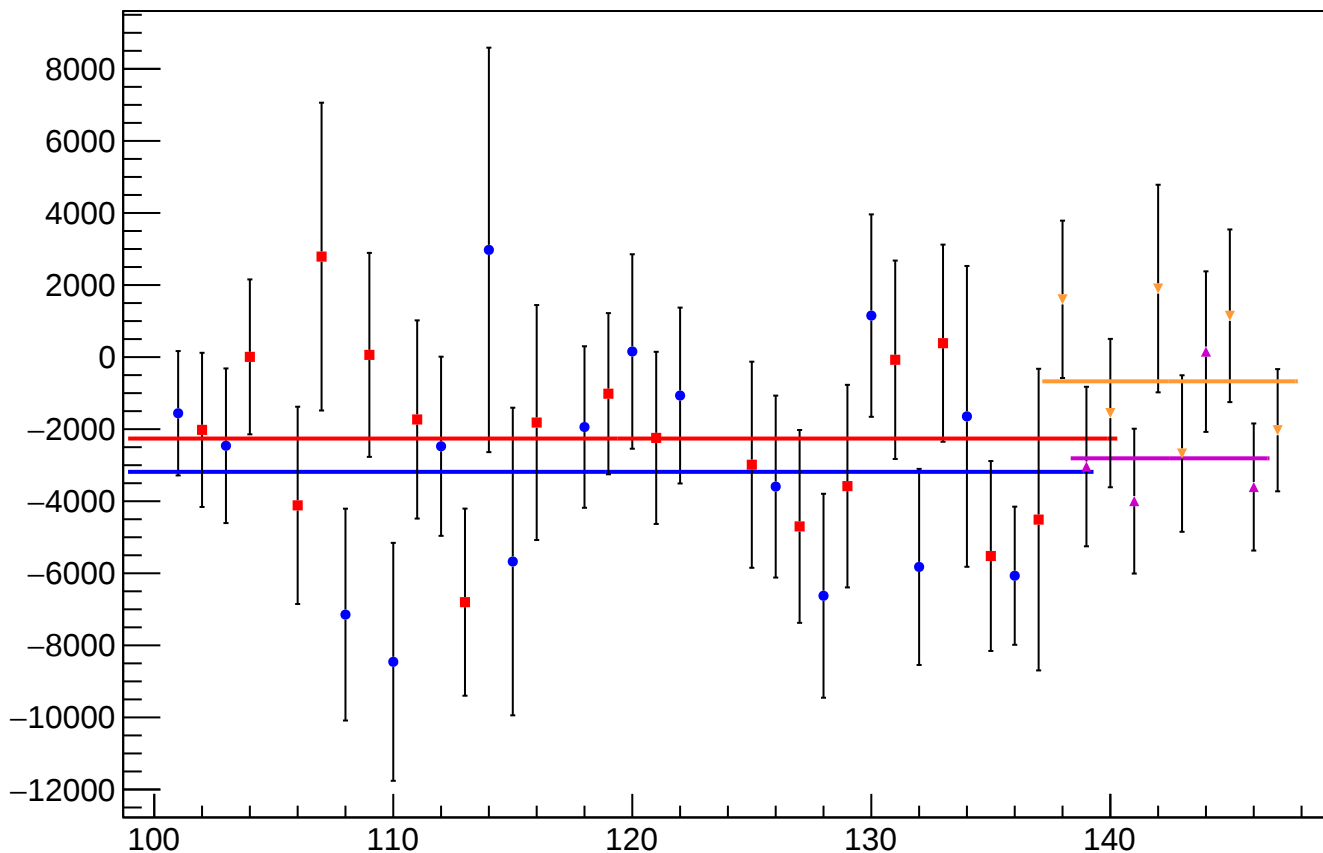
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 792.650 $\pm$ 0.177 χ^2 /NDF: 19864.2/19

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

All: 800.684 $\pm$ 0.124 χ^2 /NDF: 677852.3/42

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: -2809.162 $\pm$ 1012.957 χ^2 /NDF:2.3/3

Left: -1587.879 $\pm$ 663.077 χ^2 /NDF: 9.0/9

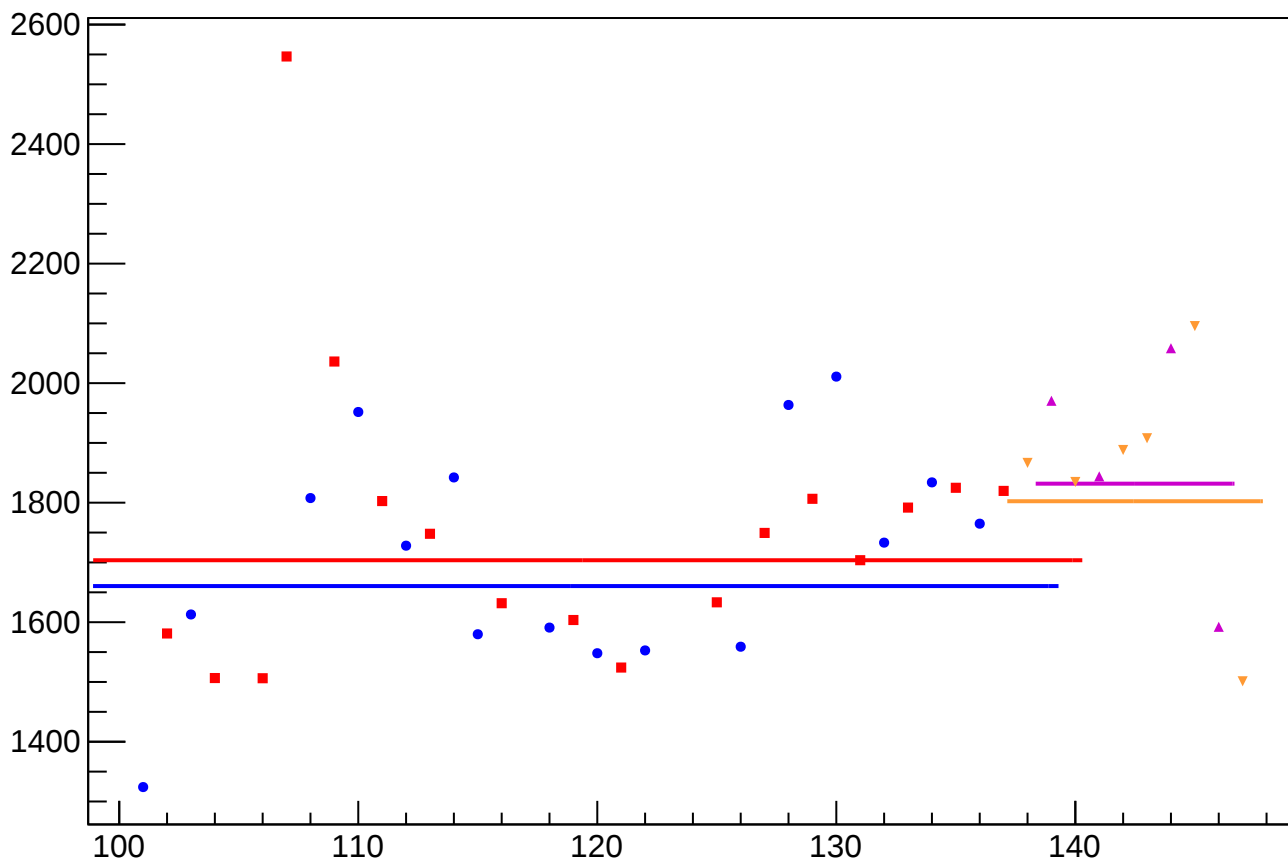
Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32

In: -3075.673 $\pm$ 545.481 χ^2 /NDF:19.2/19

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

All: -2356.669 $\pm$ 377.606 χ^2 /NDF: 40.4/42

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: 1831.806 $\pm$ 0.716 χ^2 /NDF: 65503.1/3

Left: 1815.009 $\pm$ 0.469 χ^2 /NDF: 168198.5/9

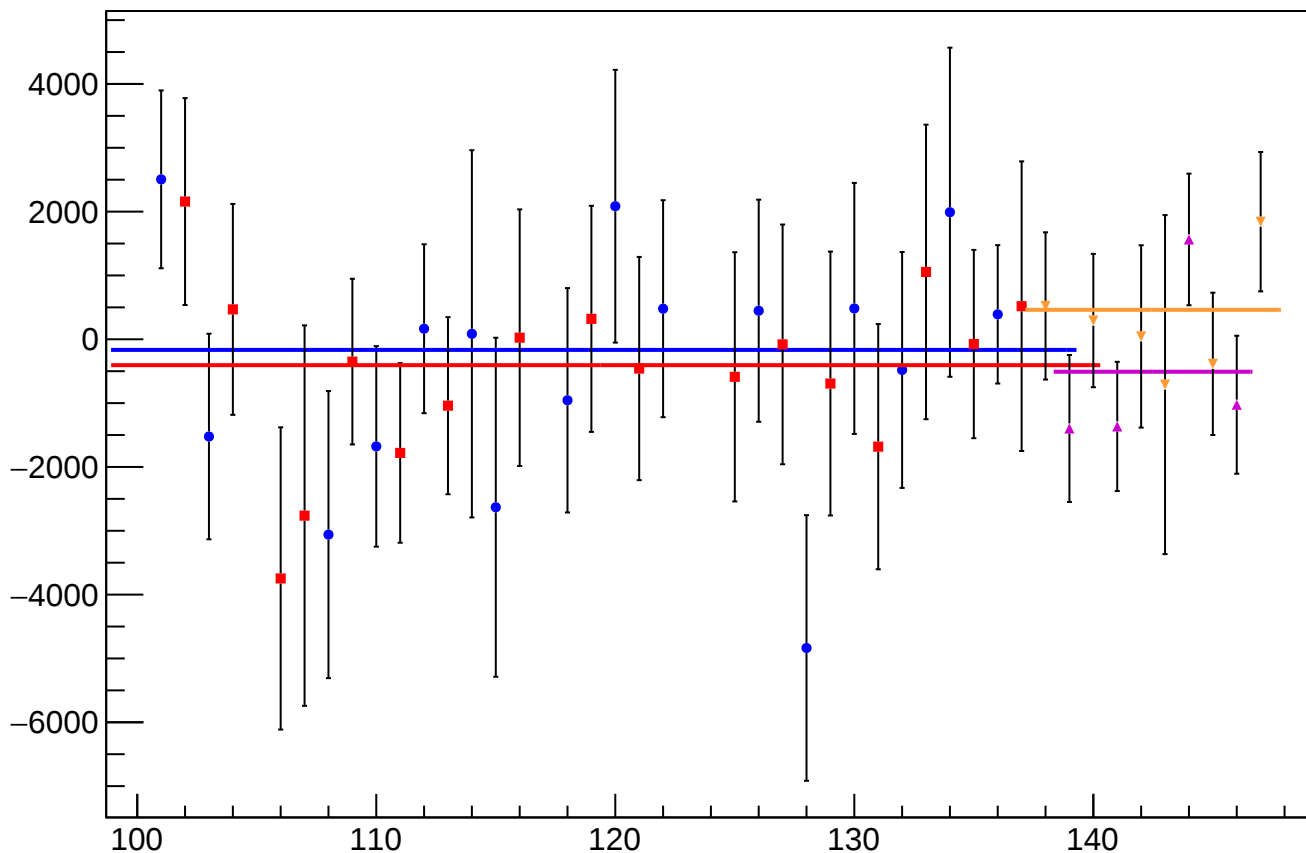
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1710.149 $\pm$ 0.386 χ^2 /NDF: 285339.7/19

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

All: 1725.080 $\pm$ 0.267 χ^2 /NDF: 577300.2/42

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 461.294 ± 503.523 χ^2/NDF : 2.5/5

Right Out: -405.286 ± 428.618 χ^2/NDF : 7.9/16

Left In: -508.287 ± 532.453 χ^2/NDF : 5.6/3

Left: 3.558 ± 365.844 χ^2/NDF : 9.8/9

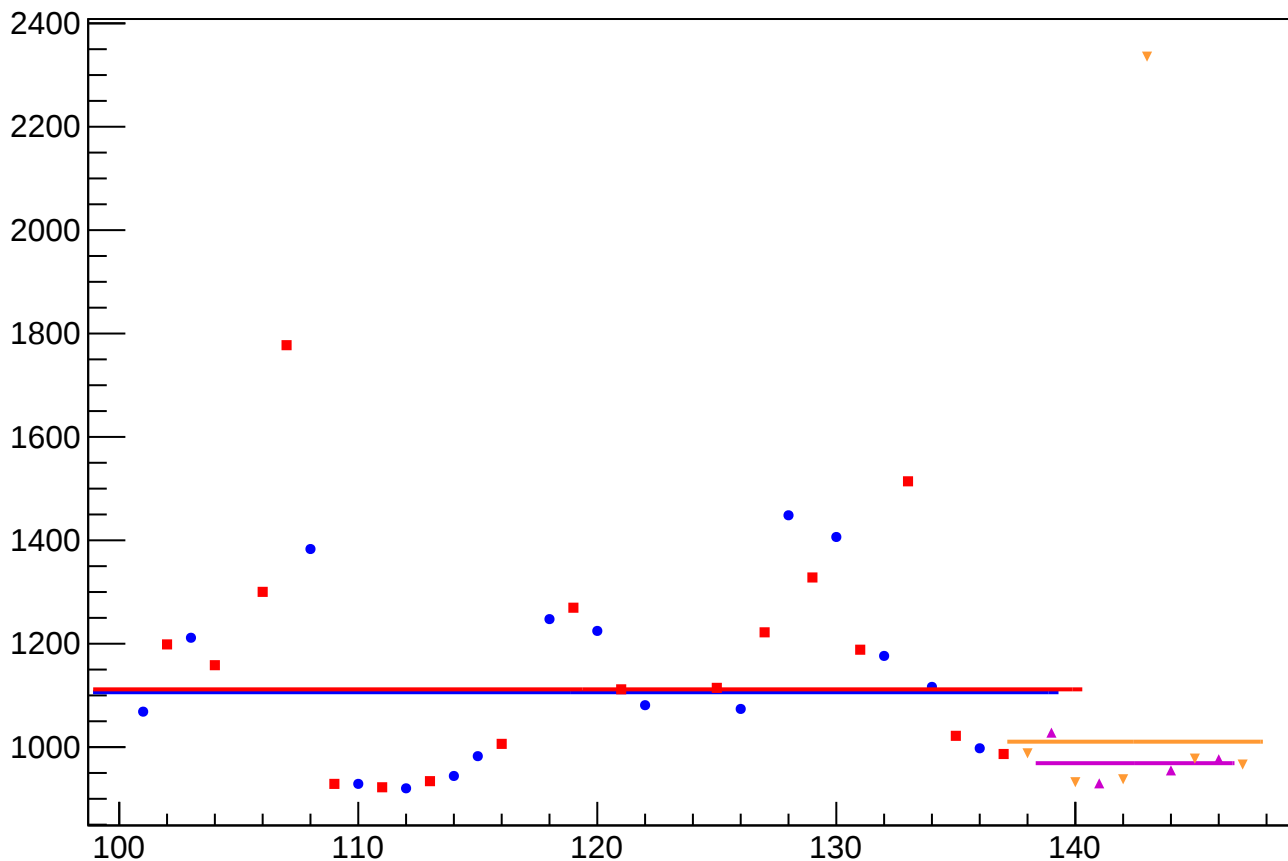
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -302.349 ± 335.790 χ^2/NDF : 21.5/19

Out: -41.186 ± 326.382 χ^2/NDF : 12.1/22

All: -168.057 ± 234.042 χ^2/NDF : 33.9/42

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: 968.914+/-0.377 χ^2/NDF : 8699.1/3

Left: 990.872+/-0.259 χ^2/NDF : 535415.3/9

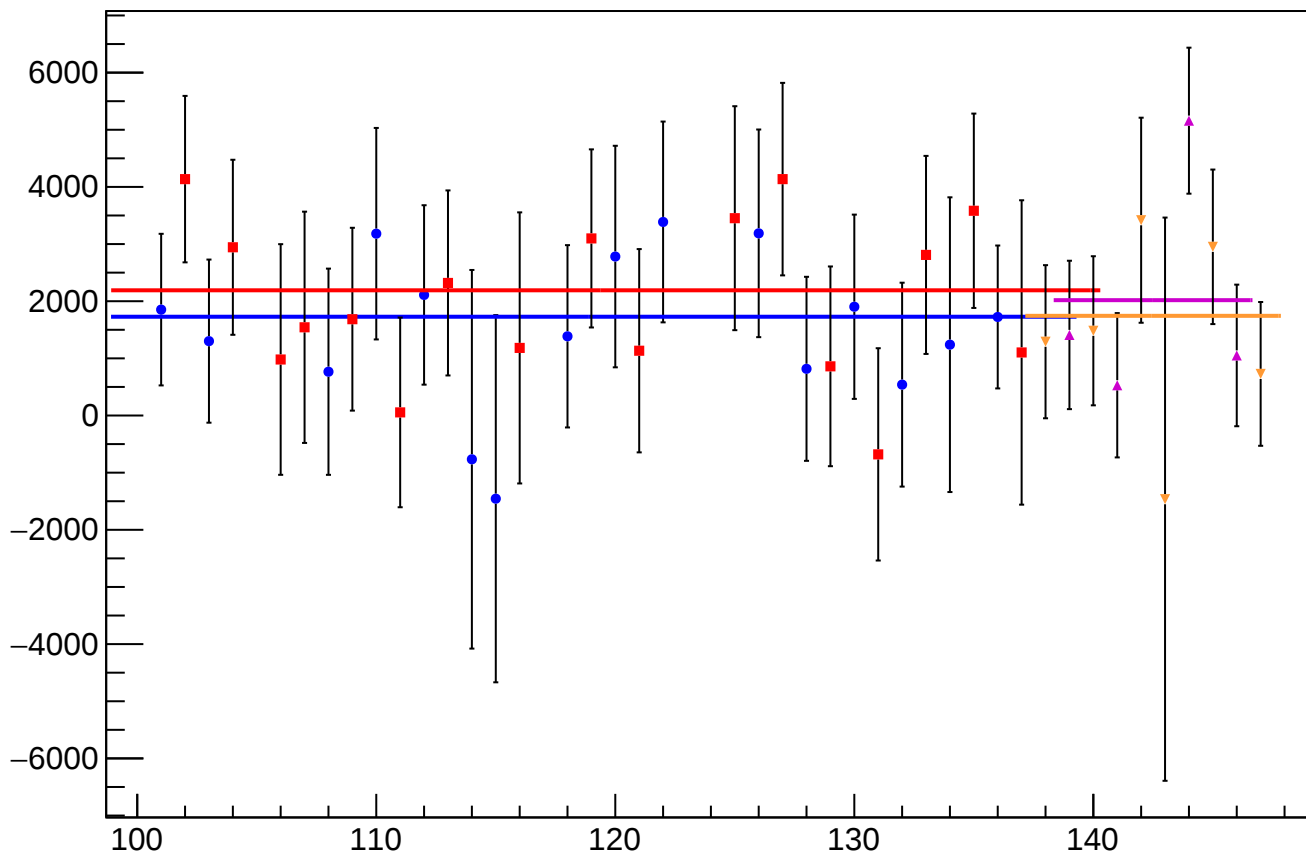
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1051.574+/-0.237 χ^2/NDF : 348648.6/19

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

All: 1060.637+/-0.165 χ^2/NDF : 1275003.5/42

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463+/-429.803 χ^2/NDF : 5.3/15

Left Out: 1744.232+/-611.361 χ^2/NDF : 2.9/5

Right Out: 2190.971+/-427.222 χ^2/NDF : 10.8/16

Left In: 2018.310+/-634.403 χ^2/NDF : 8.3/3

Left: 1876.203+/-440.218 χ^2/NDF : 11.3/9

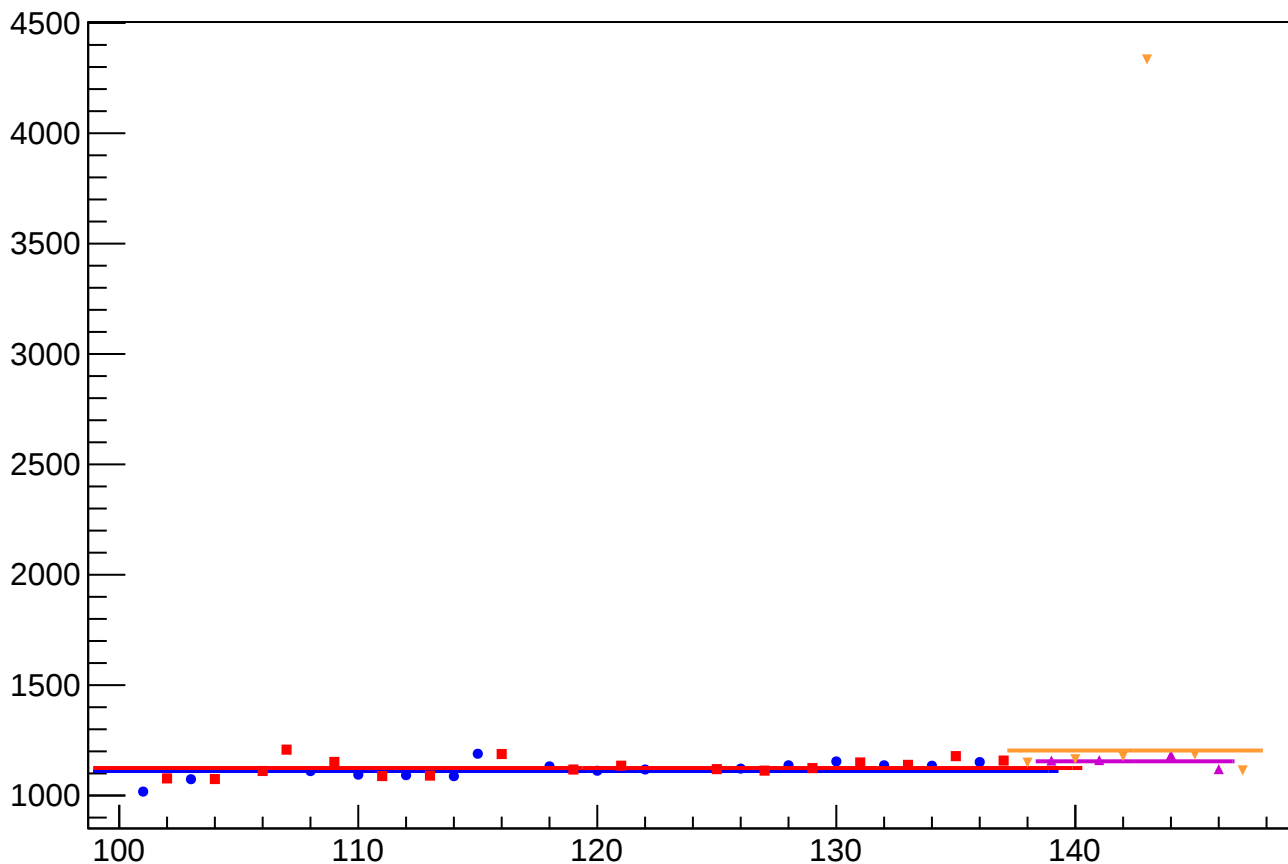
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

In: 1819.648+/-355.830 χ^2/NDF : 13.7/19

Out: 2044.394+/-350.190 χ^2/NDF : 14.1/22

All: 1933.816+/-249.592 χ^2/NDF : 28.0/42

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: 1154.986+/-0.449 χ^2/NDF : 2685.1/3

Left: 1180.356+/-0.311 χ^2/NDF : 832241.6/9

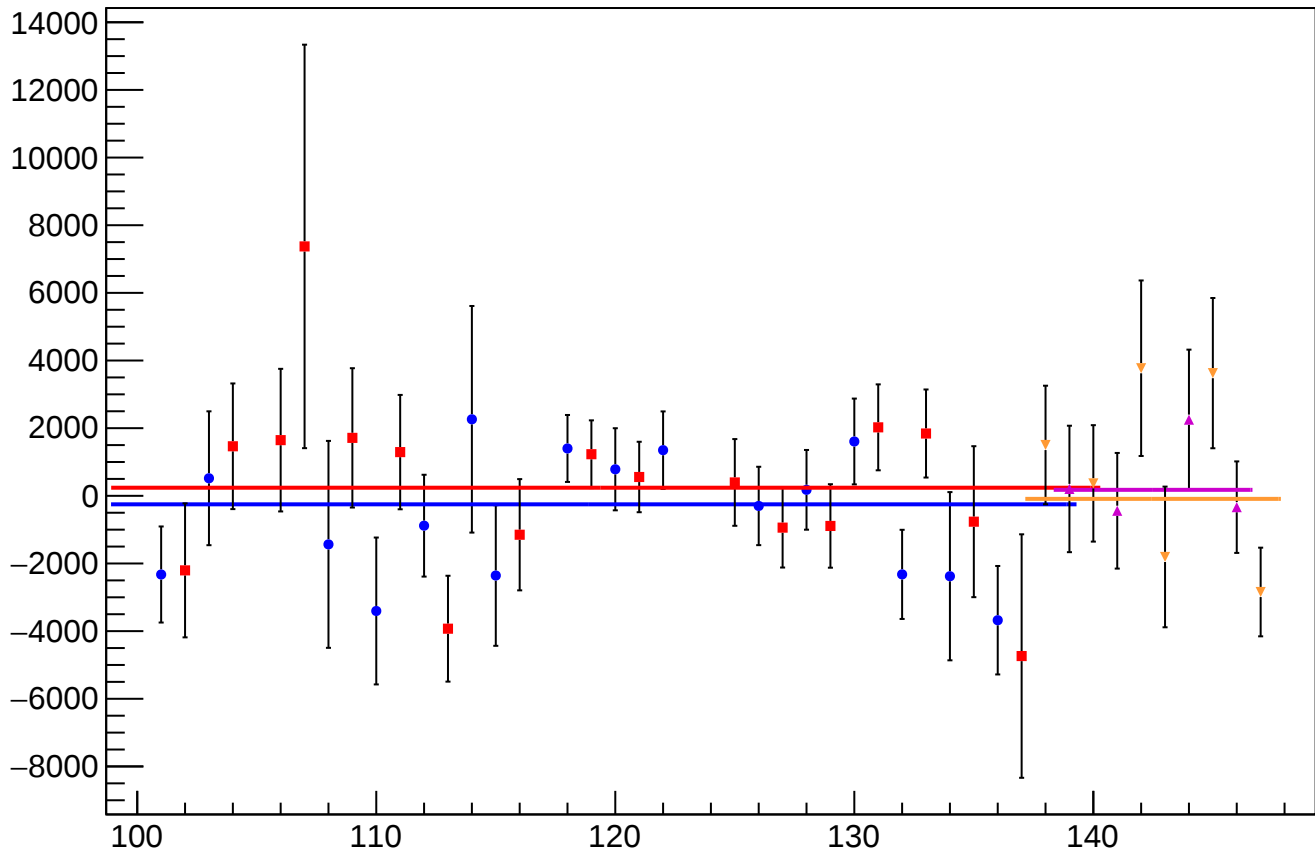
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1124.867+/-0.252 χ^2/NDF : 27353.4/19

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

All: 1137.922+/-0.176 χ^2/NDF : 893308.7/42

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: 177.055+/-842.660 χ^2/NDF : 1.3/3

Left: 26.257+/-555.887 χ^2/NDF : 12.3/9

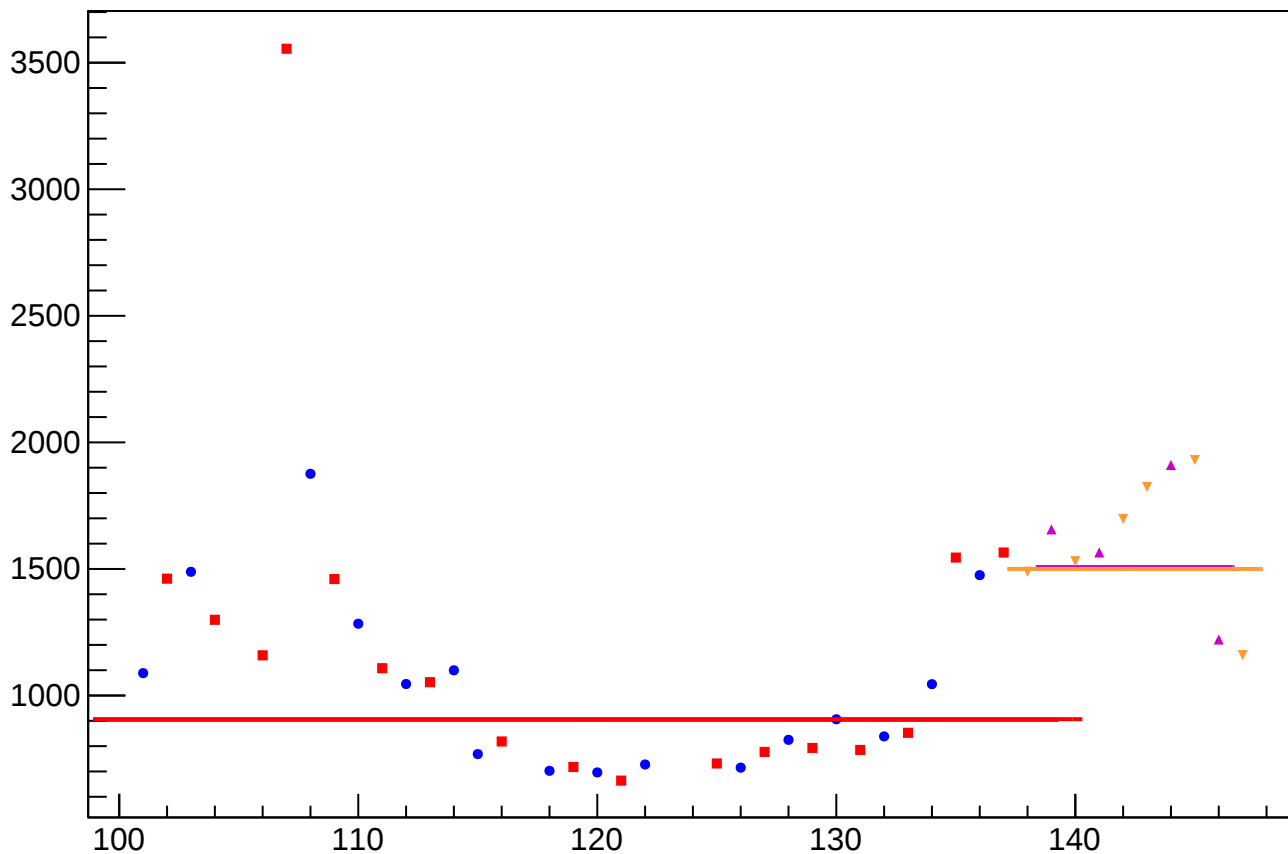
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -183.666+/-334.892 χ^2/NDF : 23.3/19

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

All: 0.541+/-233.774 χ^2/NDF : 56.1/42

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: 1507.513+/-0.596 χ^2/NDF : 180402.1/3

Left: 1503.287+/-0.393 χ^2/NDF : 451254.4/9

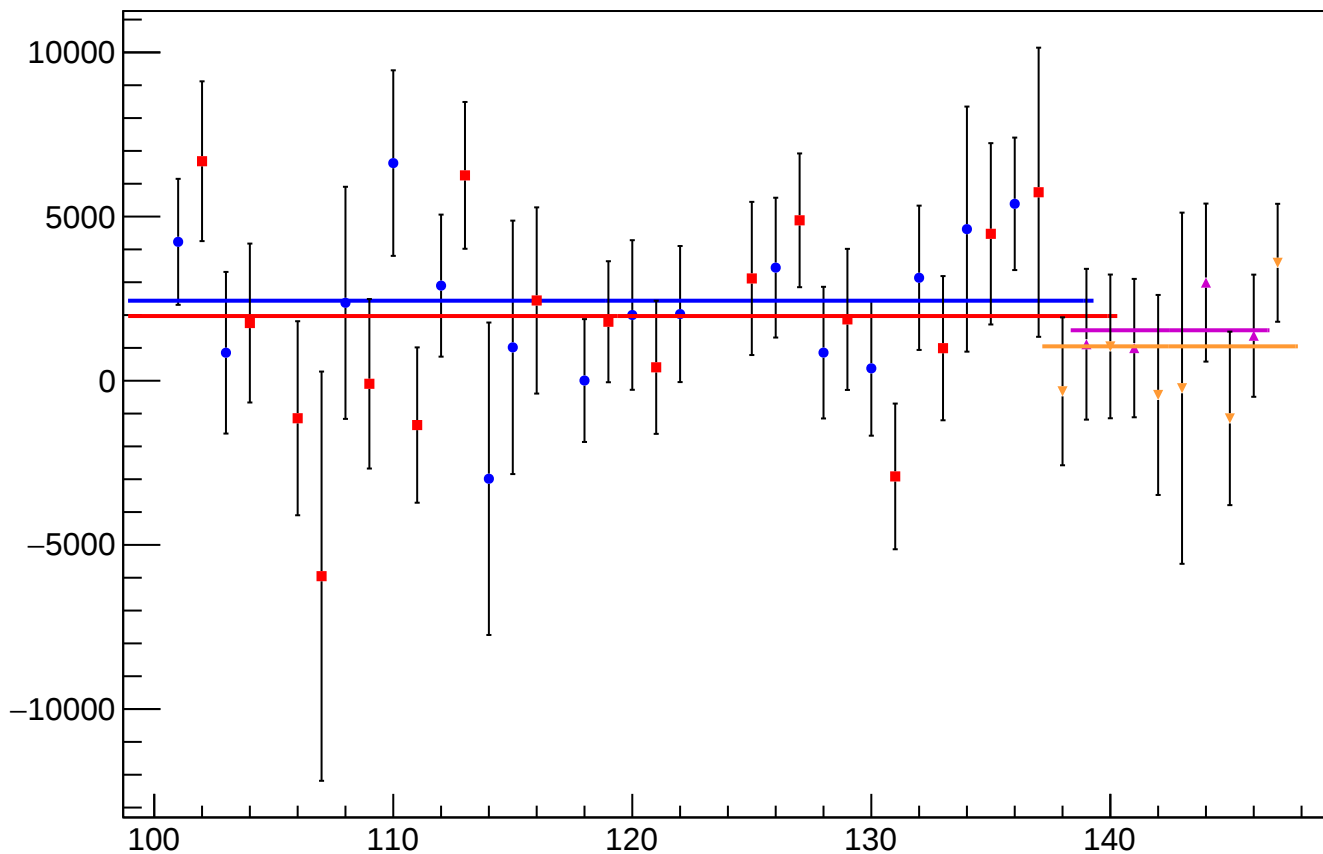
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 999.733+/-0.237 χ^2/NDF : 2063952.1/19

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

All: 1011.258+/-0.165 χ^2/NDF : 4751996.2/42

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 ± 586.231 $\chi^2/\text{NDF}: 11.2/15$

Left Out: 1047.403 ± 999.106 $\chi^2/\text{NDF}: 3.4/5$

Right Out: 1970.445 ± 586.663 $\chi^2/\text{NDF}: 22.3/16$

Left In: 1536.980 ± 1068.175 $\chi^2/\text{NDF}: 0.5/3$

Left: 1275.853 ± 729.671 $\chi^2/\text{NDF}: 3.9/9$

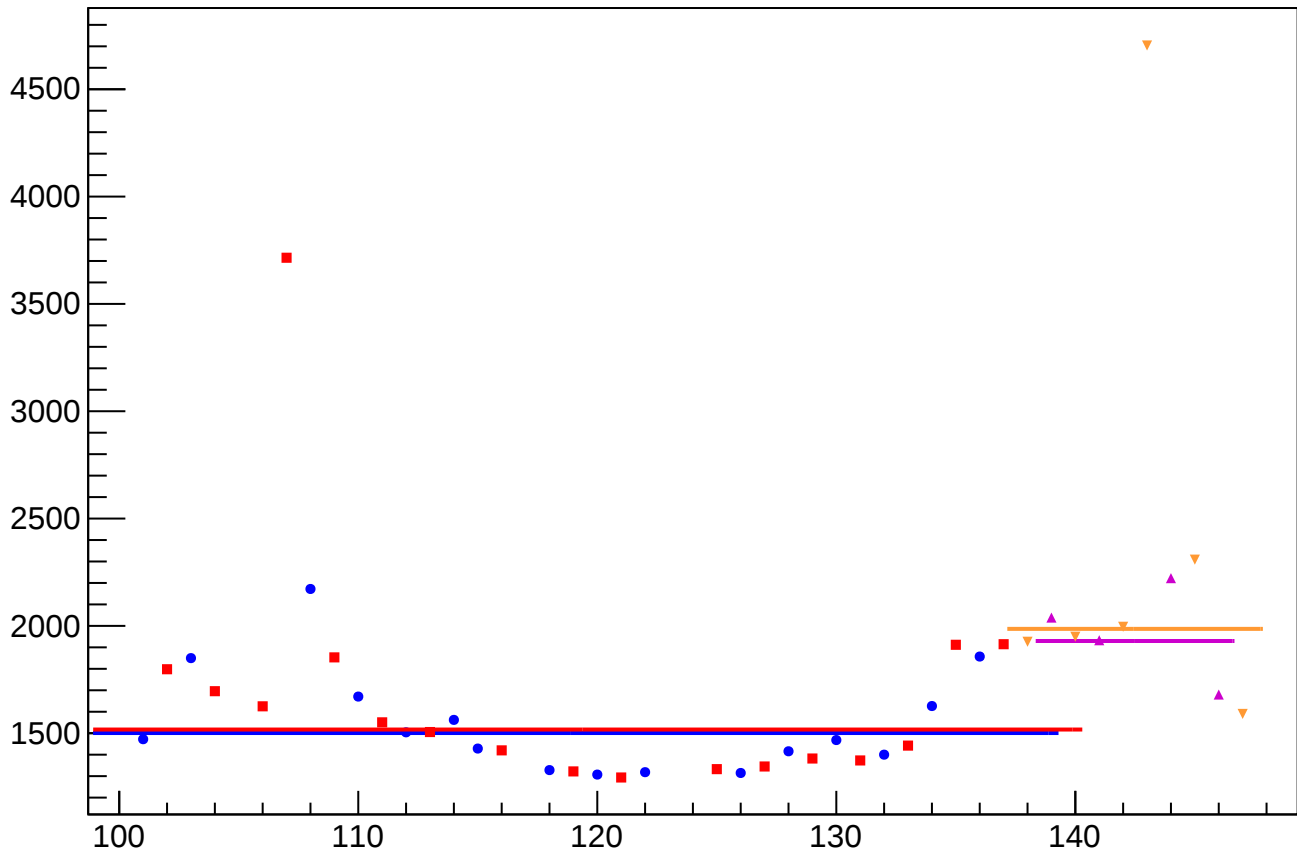
Right: 2204.149 ± 414.681 $\chi^2/\text{NDF}: 33.8/32$

In: 2229.057 ± 513.922 $\chi^2/\text{NDF}: 12.2/19$

Out: 1733.786 ± 505.897 $\chi^2/\text{NDF}: 26.3/22$

All: 1977.525 ± 360.527 $\chi^2/\text{NDF}: 38.9/42$

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1986.104+/-0.706 χ^2/NDF : 645629.2/5

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1929.580+/-0.755 χ^2/NDF : 70080.9/3

Left: 1959.728+/-0.516 χ^2/NDF : 718697.1/9

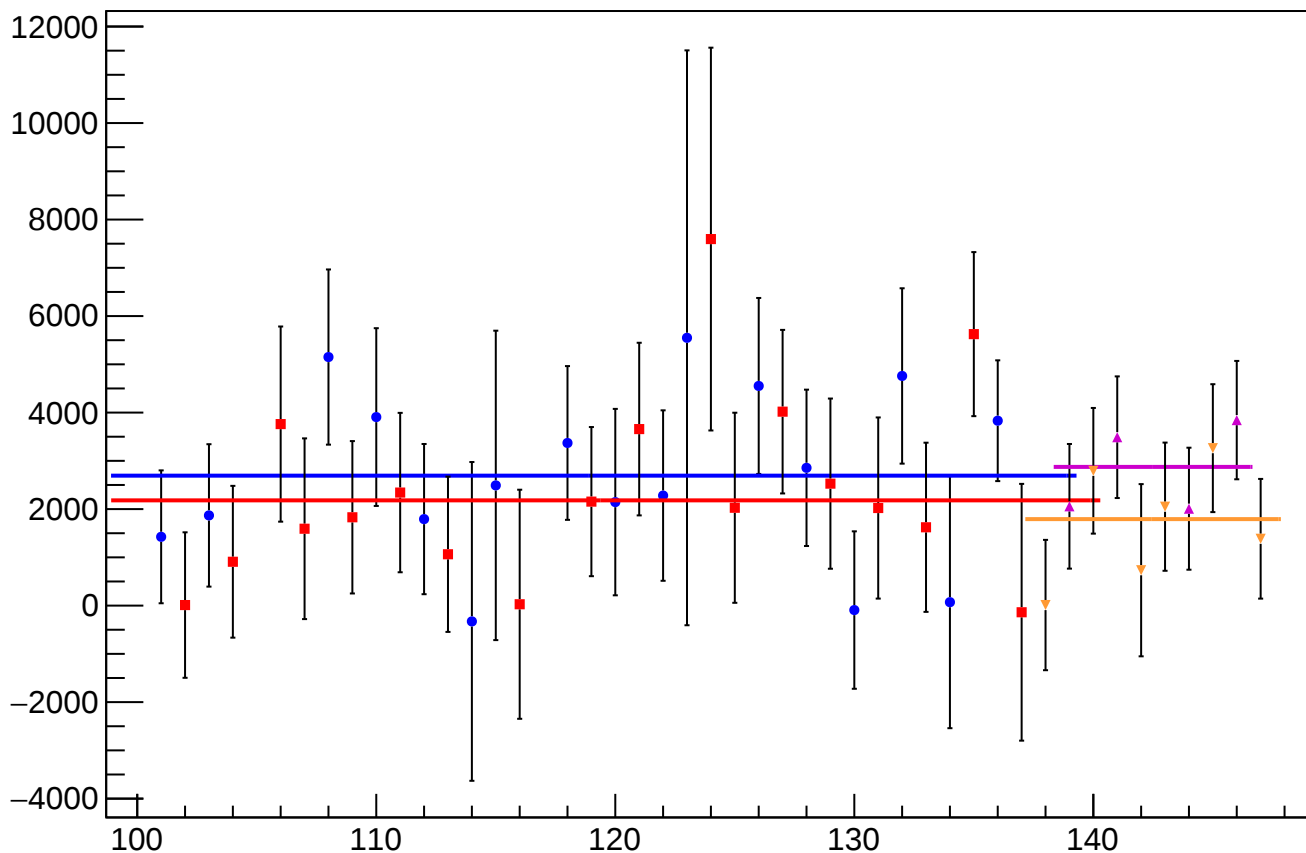
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1600.076+/-0.363 χ^2/NDF : 573943.0/19

Out: 1637.362+/-0.358 χ^2/NDF : 1448369.7/22

All: 1619.012+/-0.255 χ^2/NDF : 2027659.5/42

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: 2874.506 $\pm$ 629.999 χ^2 /NDF: 1.7/3

Left: 2265.903 $\pm$ 416.747 χ^2 /NDF: 7.5/9

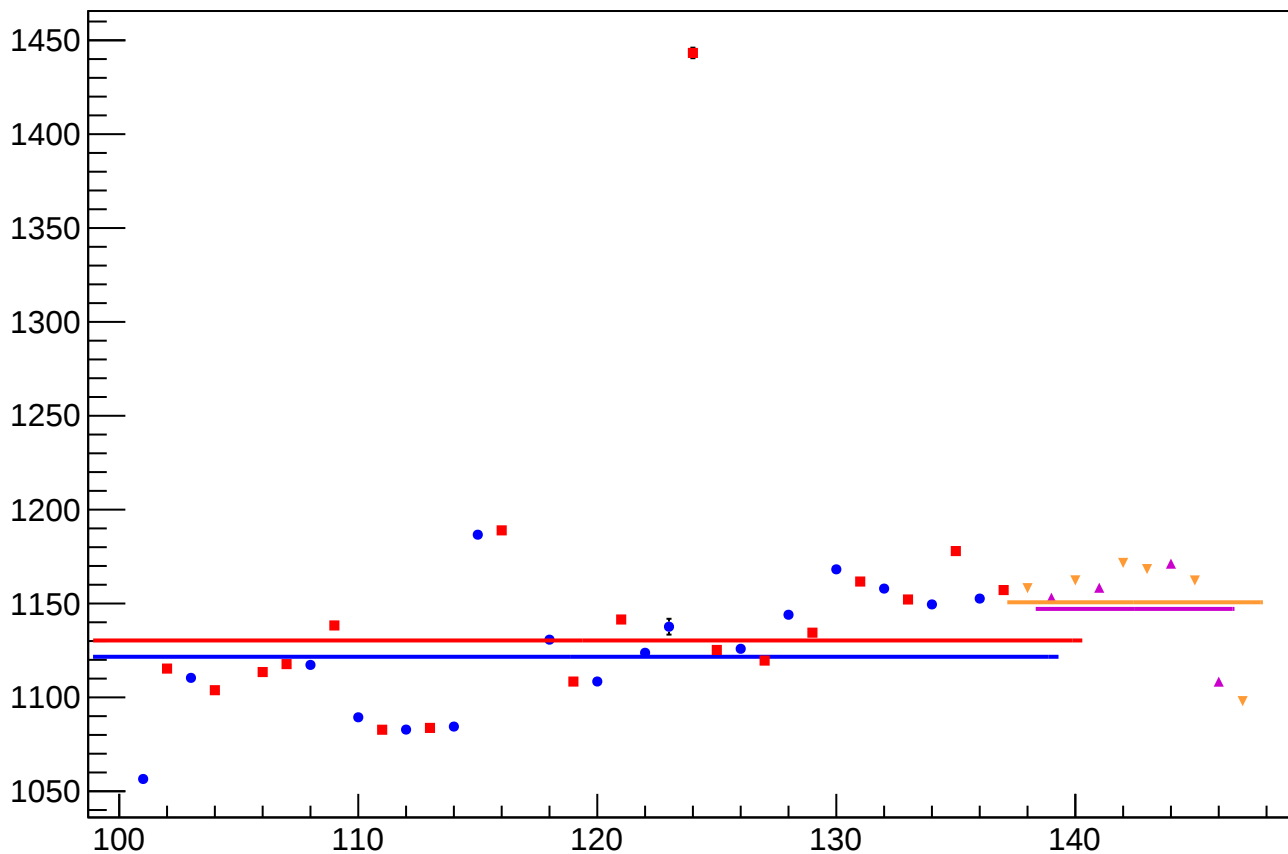
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2751.161 $\pm$ 356.628 χ^2 /NDF: 14.0/20

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

All: 2374.944 $\pm$ 245.252 χ^2 /NDF: 34.0/44

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: 1147.127 $\pm$ 0.445 χ^2 /NDF: 2925.1/3

Left: 1149.112 $\pm$ 0.295 χ^2 /NDF: 7571.8/9

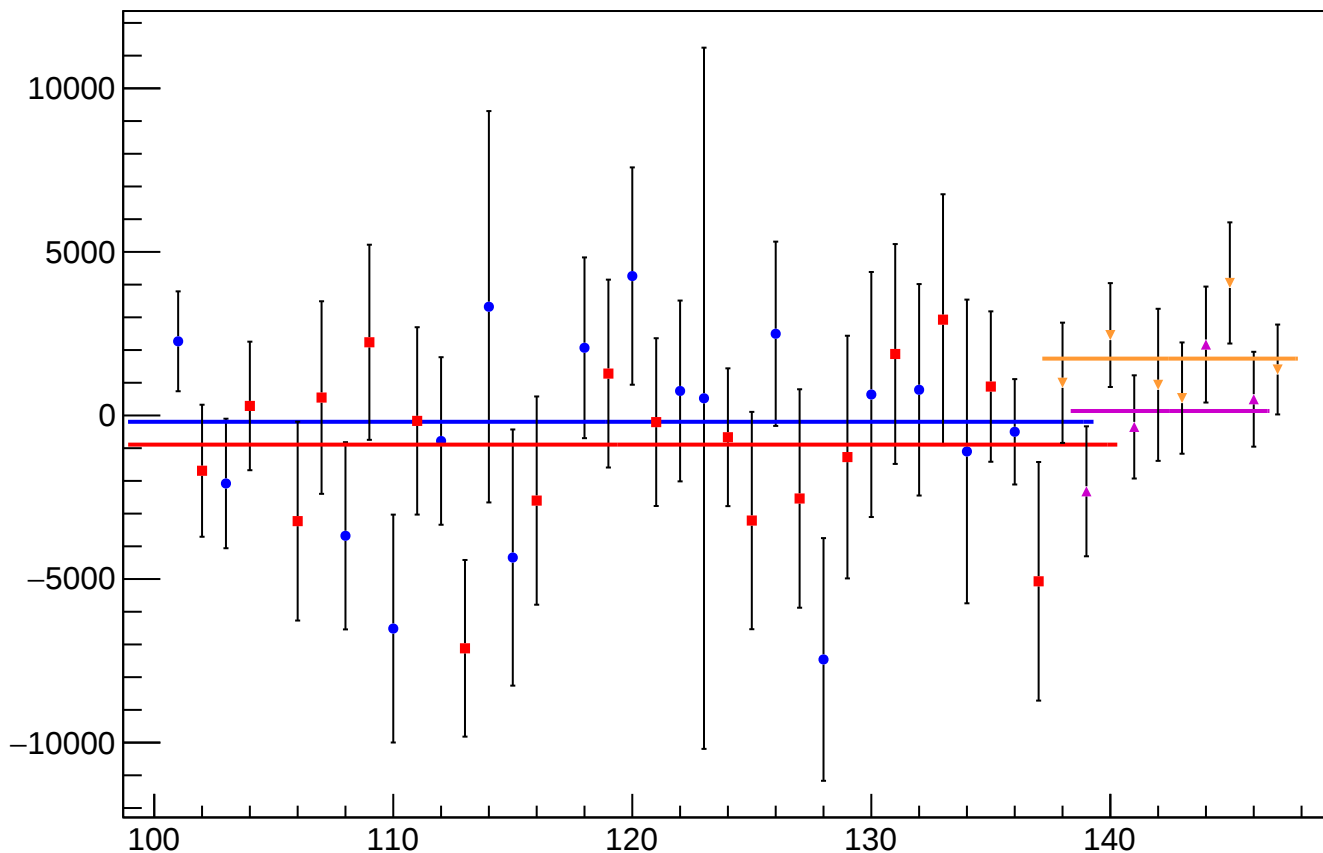
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1129.798 $\pm$ 0.252 χ^2 /NDF: 17132.1/20

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

All: 1134.033 $\pm$ 0.173 χ^2 /NDF: 45244.1/44

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: 136.710+/-830.627 χ^2/NDF : 3.0/3

Left: 1073.724+/-534.975 χ^2/NDF : 7.8/9

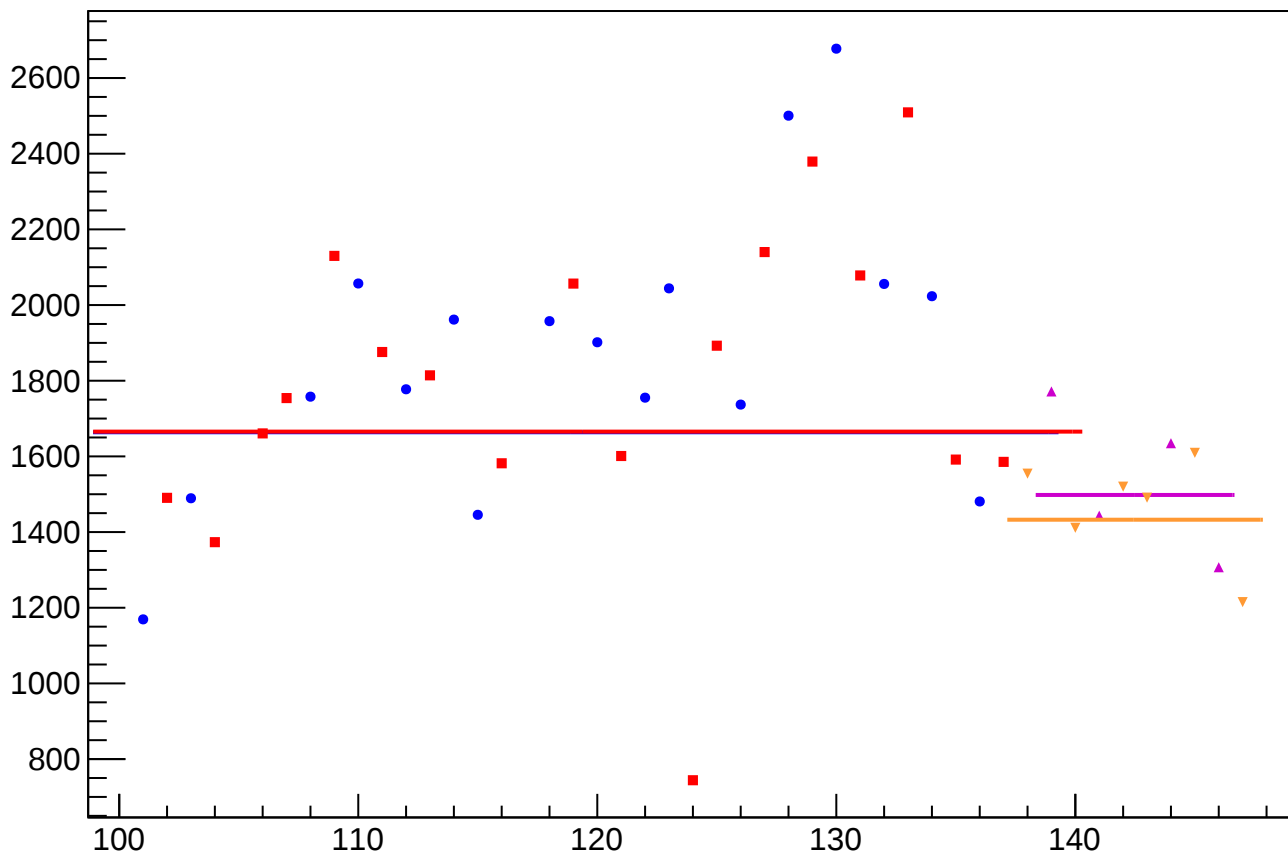
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -65.516+/-516.909 χ^2/NDF : 20.5/20

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

All: 146.529+/-350.103 χ^2/NDF : 44.1/44

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: 1498.081 $\pm$ 0.587 χ^2/NDF : 86970.2/3

Left: 1459.795 $\pm$ 0.378 χ^2/NDF : 177030.7/9

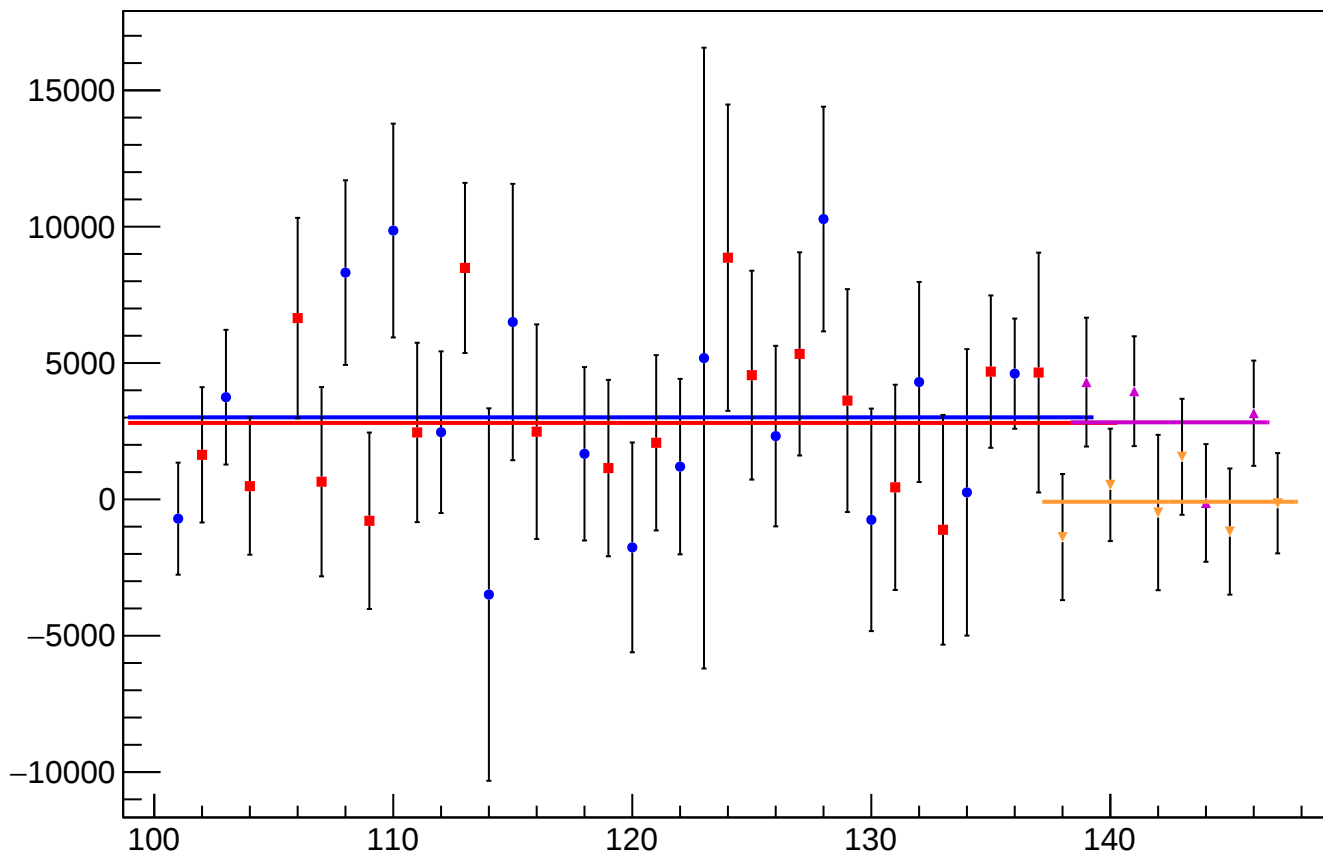
Right: 1664.637 $\pm$ 0.327 χ^2/NDF : 1425275.8/34

In: 1599.609 $\pm$ 0.366 χ^2/NDF : 758214.2/20

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

All: 1576.908 $\pm$ 0.248 χ^2/NDF : 1769950.6/44

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: 2826.033+/-1048.838 χ^2/NDF : 2.6/3

Left: 1139.683+/-680.691 χ^2/NDF : 8.3/9

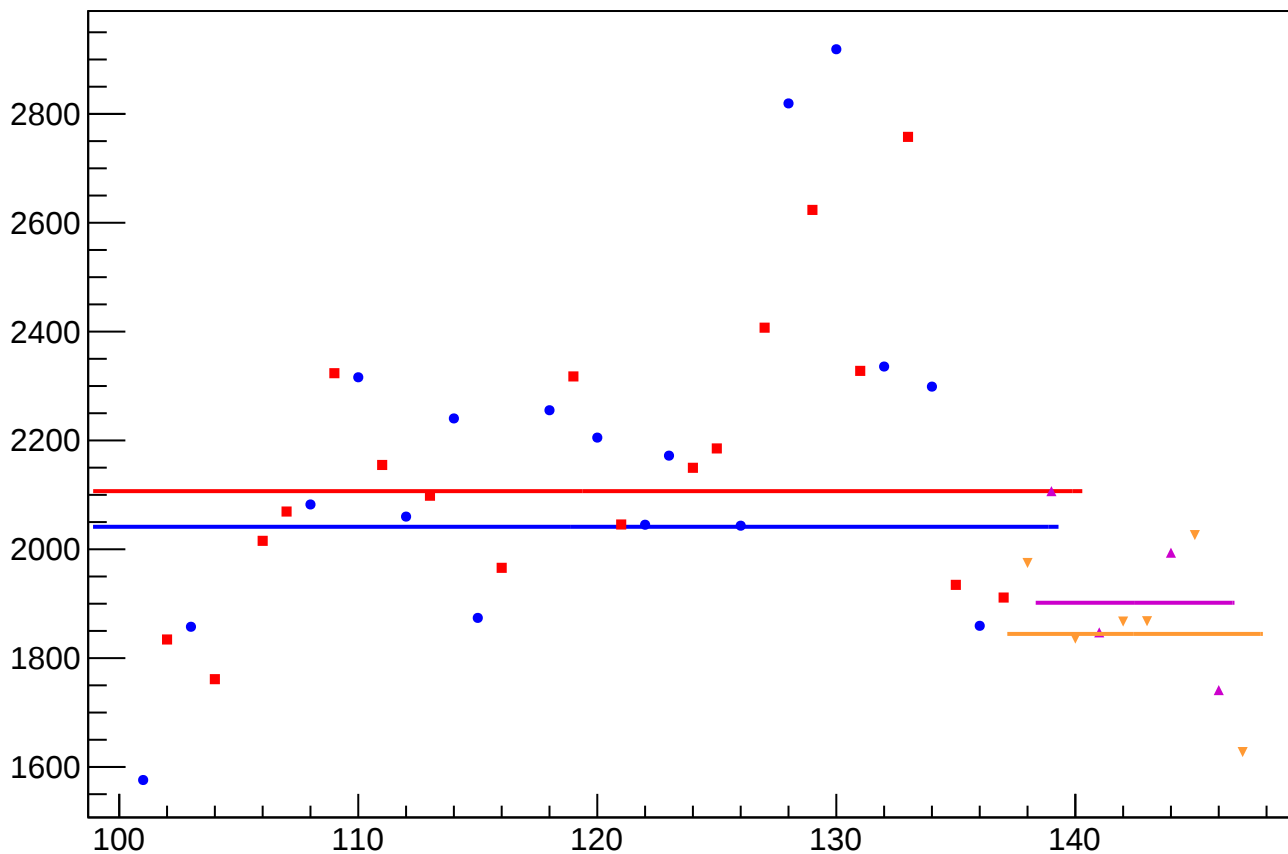
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2941.861+/-635.909 χ^2/NDF : 20.0/20

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

All: 2185.193+/-434.938 χ^2/NDF : 40.9/44

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

Left: 1868.612+/-0.481 χ^2/NDF : 84400.0/9

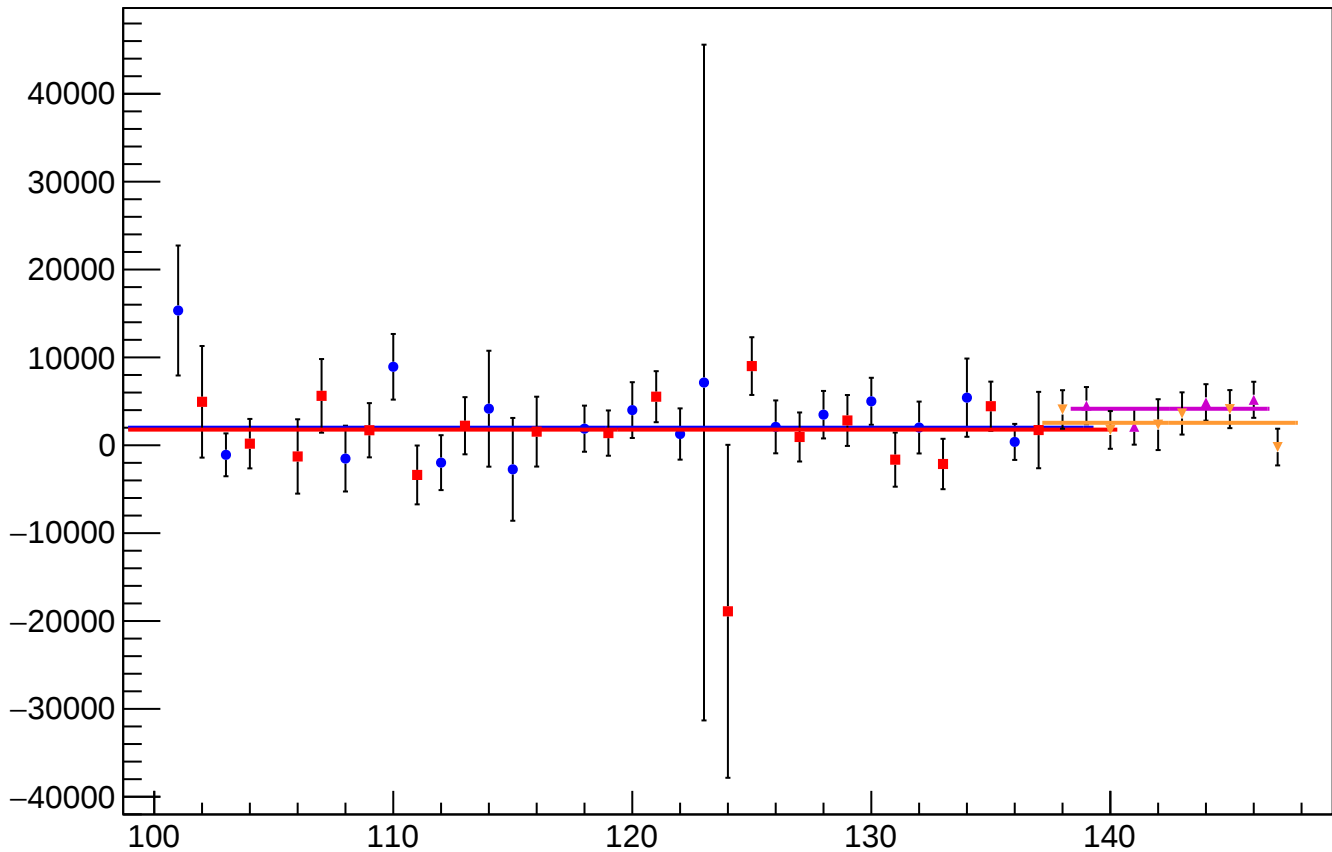
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1990.033+/-0.450 χ^2/NDF : 394846.0/20

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

All: 1990.204+/-0.308 χ^2/NDF : 734115.9/44

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 2556.019 $\pm$ 928.395 χ^2 /NDF: 3.1/5

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 4154.866 $\pm$ 1035.150 χ^2 /NDF: 1.4/3

Left: 3268.771 $\pm$ 691.145 χ^2 /NDF: 5.8/9

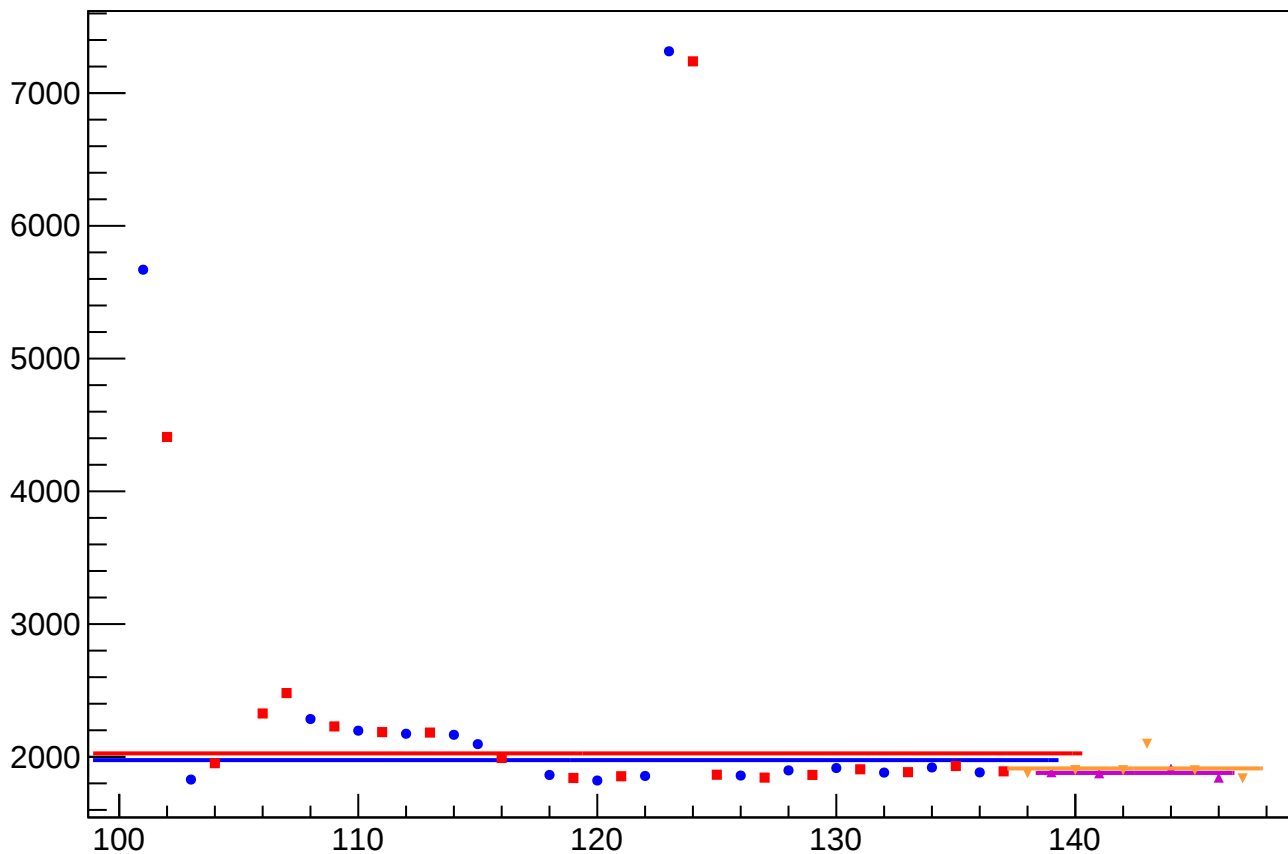
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2782.391 $\pm$ 623.768 χ^2 /NDF: 19.0/20

Out: 2103.059 $\pm$ 598.026 χ^2 /NDF: 19.8/23

All: 2428.419 $\pm$ 431.682 χ^2 /NDF: 39.4/44

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1912.605+/-0.656 χ^2/NDF :15286.8/5

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1878.459+/-0.732 χ^2/NDF :1117.9/3

Left: 1897.383+/-0.489 χ^2/NDF : 17610.8/9

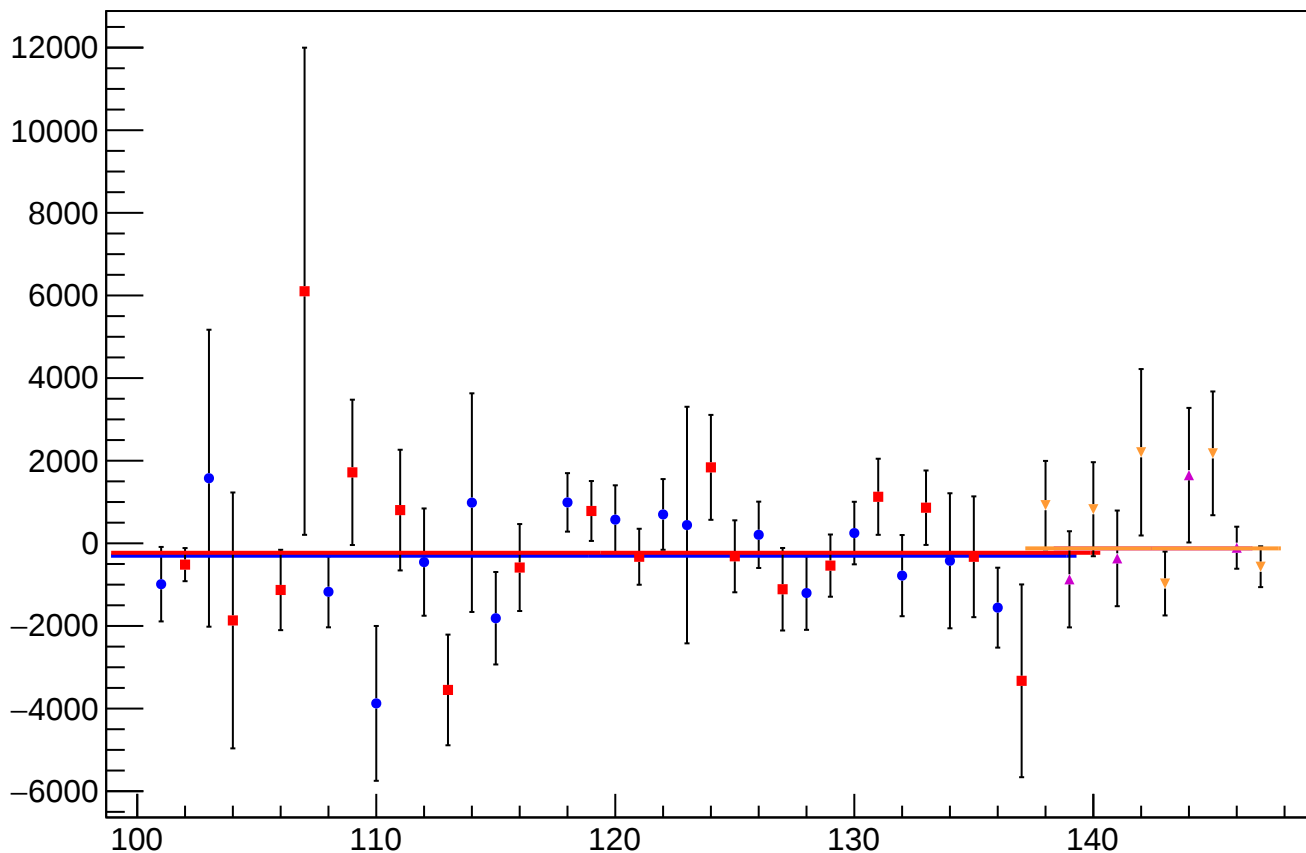
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1940.014+/-0.441 χ^2/NDF :612053.8/20

Out: 1978.873+/-0.423 χ^2/NDF :568089.0/23

All: 1960.262+/-0.305 χ^2/NDF : 1184187.2/44

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -122.055 $\pm$ 351.203 χ^2 /NDF:7.4/5

Right Out: -228.794 $\pm$ 215.624 χ^2 /NDF: 21.8/17

Left In: -122.743 $\pm$ 417.947 χ^2 /NDF:1.6/3

Left: -122.340 $\pm$ 268.877 χ^2 /NDF: 9.0/9

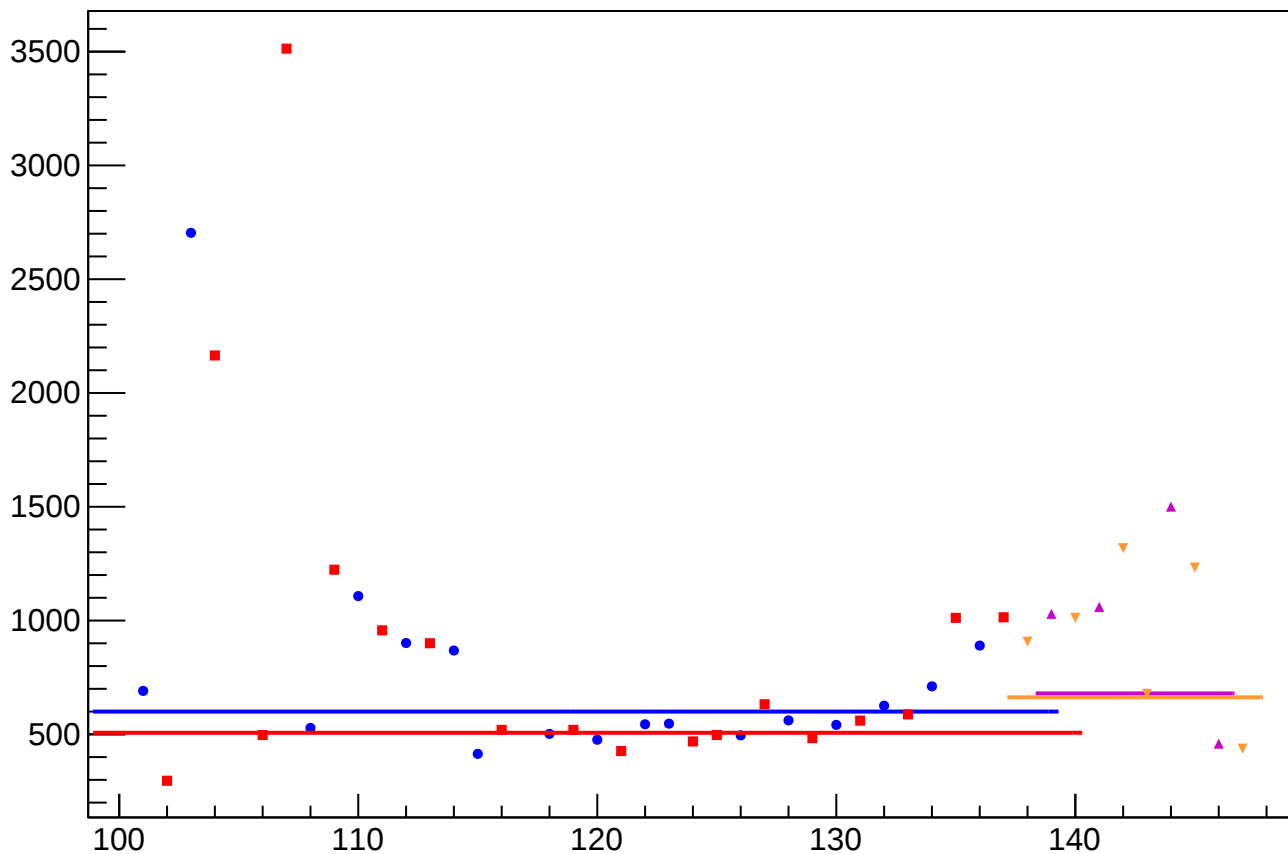
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

In: -254.215 $\pm$ 212.396 χ^2 /NDF:19.1/20

Out: -199.573 $\pm$ 183.755 χ^2 /NDF:29.2/23

All: -222.964 $\pm$ 138.966 χ^2 /NDF: 48.4/44

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: 679.685+/-0.296 χ^2/NDF : 1280072.9/3

Left: 669.680+/-0.190 χ^2/NDF : 2493973.8/9

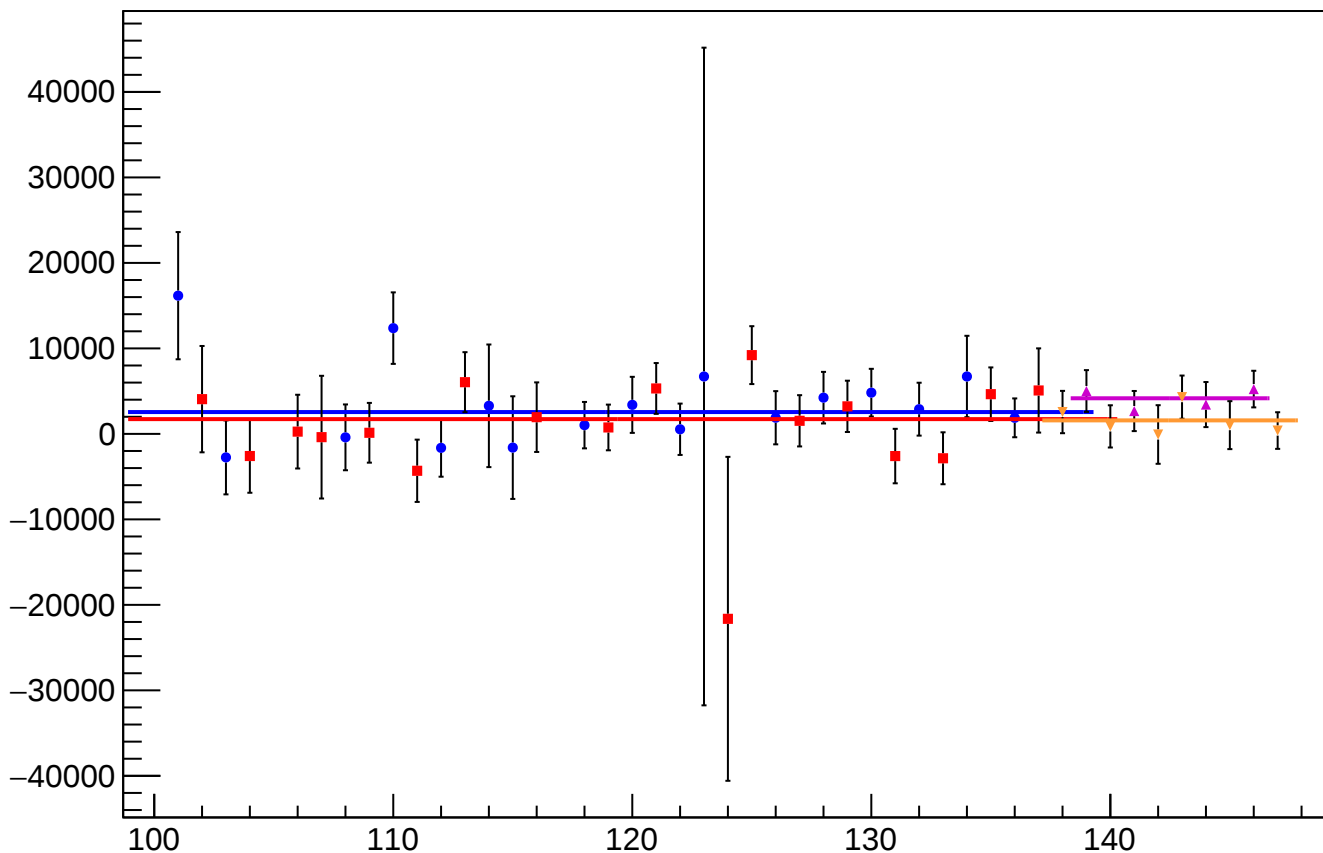
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 620.544+/-0.150 χ^2/NDF : 2715110.9/20

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

All: 579.918+/-0.098 χ^2/NDF : 7101489.1/44

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 1579.598 $\pm$ 1045.952 χ^2 /NDF: 2.0/5

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

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

Left: 2710.656 $\pm$ 784.492 χ^2 /NDF: 5.5/9

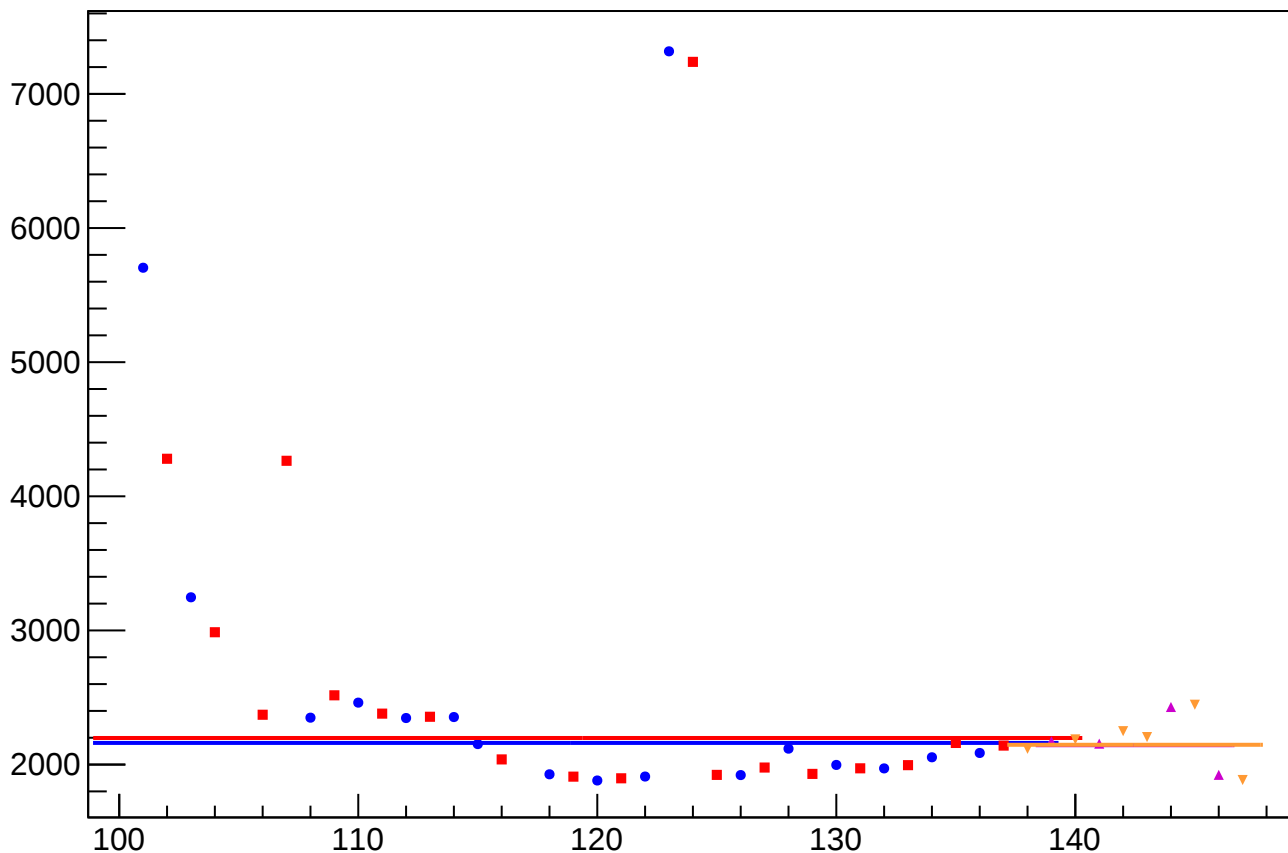
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 3107.956 $\pm$ 695.662 χ^2 /NDF: 17.8/20

Out: 1667.988 $\pm$ 662.050 χ^2 /NDF: 21.5/23

All: 2352.346 $\pm$ 479.583 χ^2 /NDF: 41.5/44

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 ± 0.607 $\chi^2/\text{NDF}: 711253.3/16$

Left Out: 2147.518 ± 0.740 $\chi^2/\text{NDF}: 56337.2/5$

Right Out: 2198.187 ± 0.605 $\chi^2/\text{NDF}: 733873.5/17$

Left In: 2144.158 ± 0.839 $\chi^2/\text{NDF}: 44979.2/3$

Left: 2146.048 ± 0.555 $\chi^2/\text{NDF}: 101325.4/9$

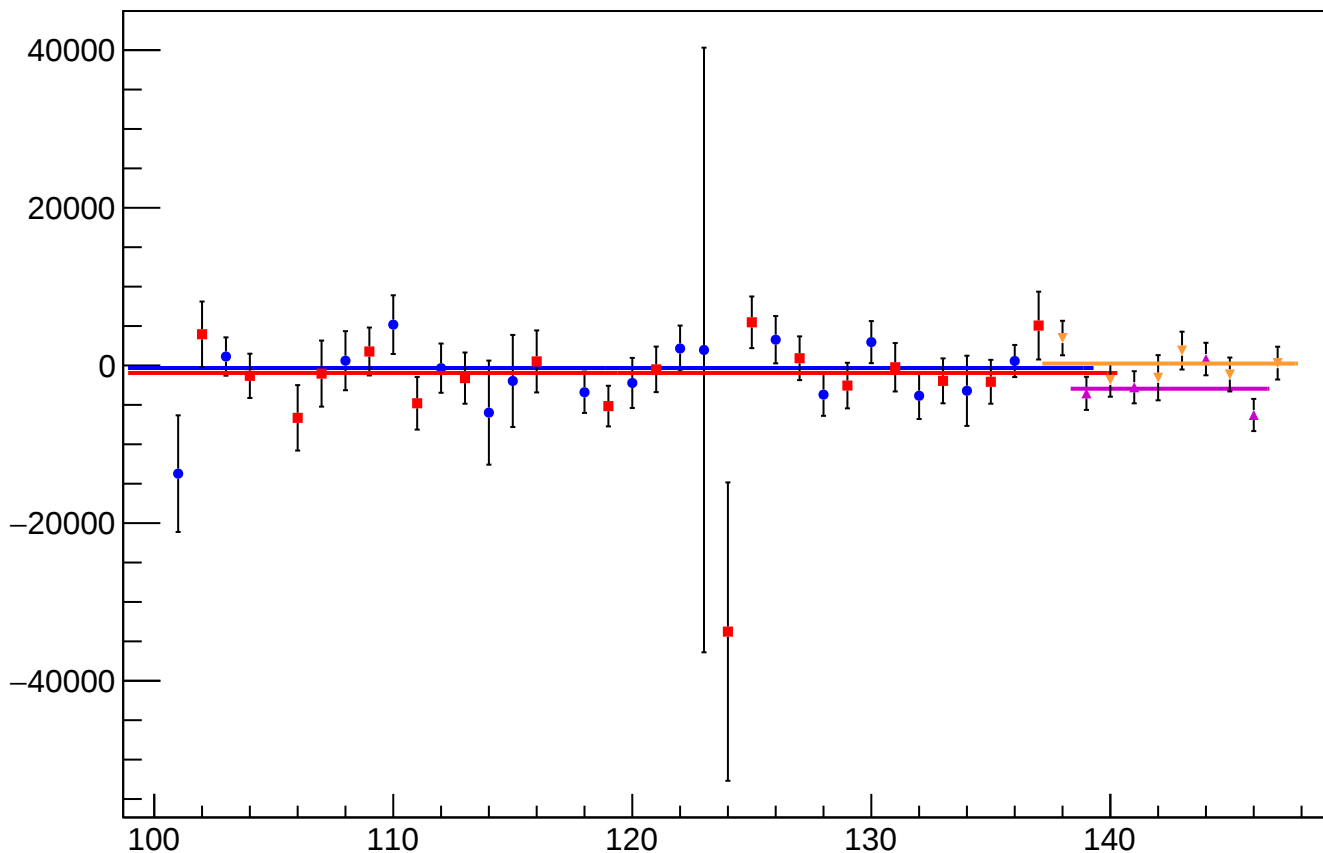
Right: 2179.883 ± 0.429 $\chi^2/\text{NDF}: 1446967.4/34$

In: 2155.481 ± 0.492 $\chi^2/\text{NDF}: 756510.3/20$

Out: 2177.887 ± 0.468 $\chi^2/\text{NDF}: 793023.8/23$

All: 2167.238 ± 0.339 $\chi^2/\text{NDF}: 1550622.8/44$

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: -2951.760+/-1030.040 χ^2/NDF : 6.1/3

Left: -1183.166+/-687.781 χ^2/NDF : 15.8/9

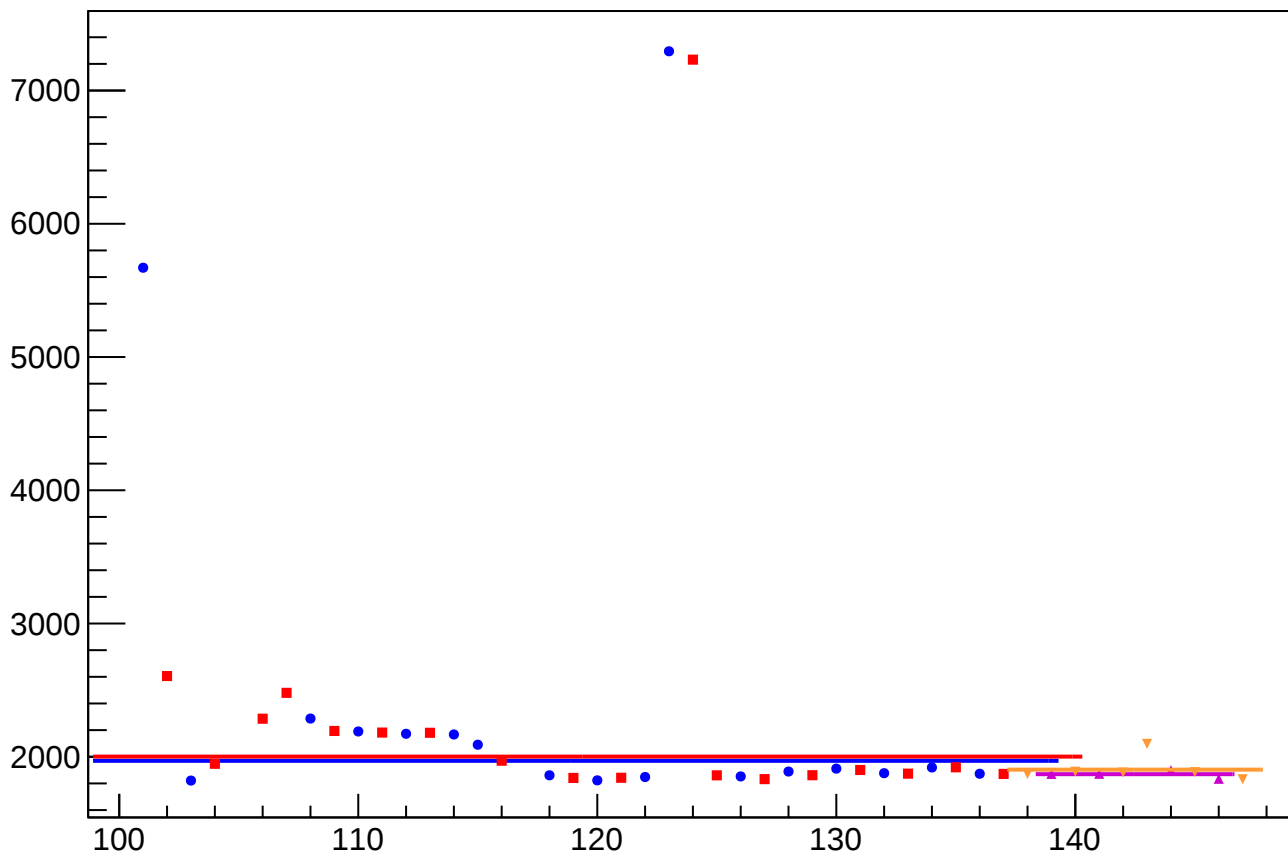
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -1280.743+/-621.580 χ^2/NDF : 26.0/20

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

All: -851.644+/-428.546 χ^2/NDF : 50.4/44

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: 1869.344+/-0.728 χ^2/NDF :996.6/3

Left: 1888.187+/-0.486 χ^2/NDF : 18394.5/9

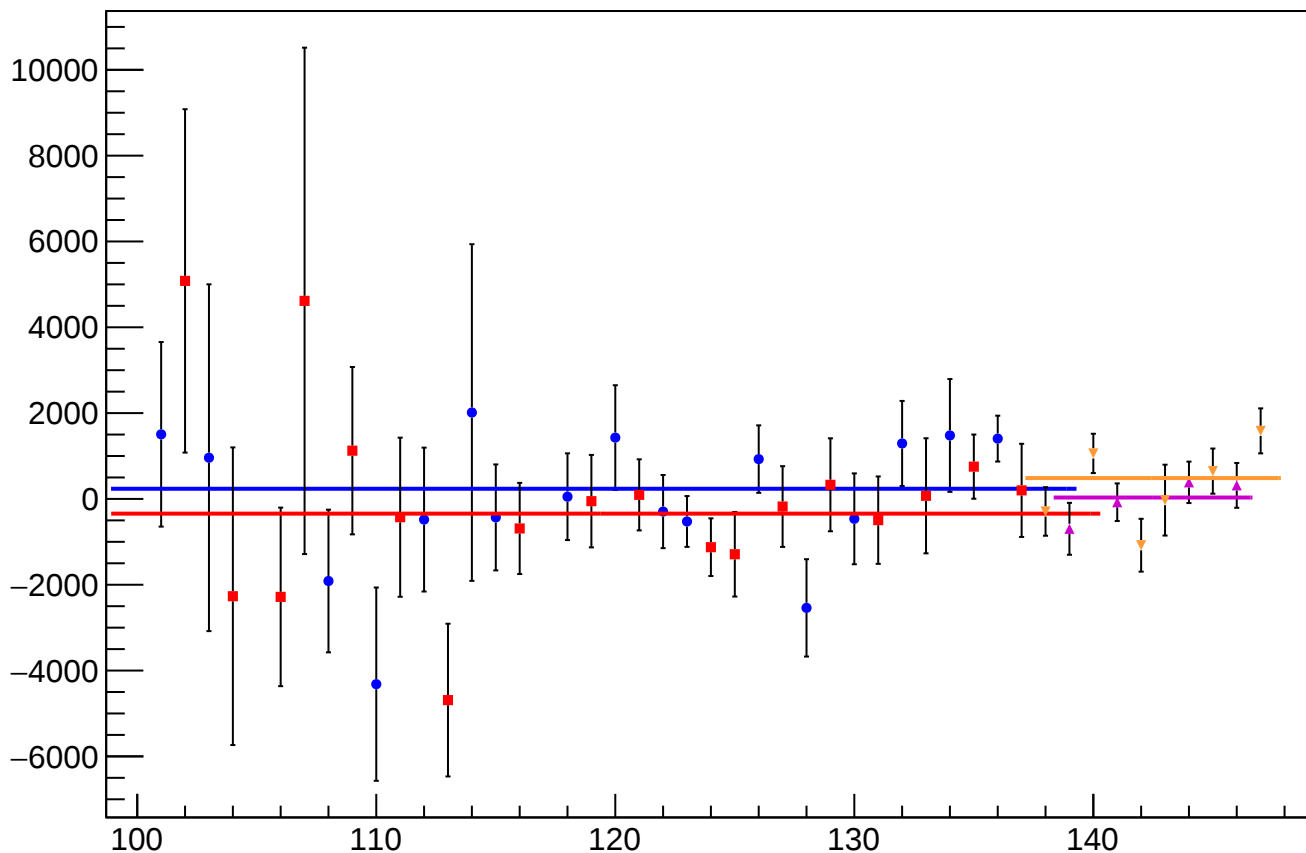
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1933.024+/-0.440 χ^2/NDF :615829.0/20

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

All: 1947.735+/-0.303 χ^2/NDF : 938007.4/44

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: 32.317 $\pm$ 250.775 χ^2 /NDF:2.3/3

Left: 280.748 $\pm$ 168.677 χ^2 /NDF: 18.9/9

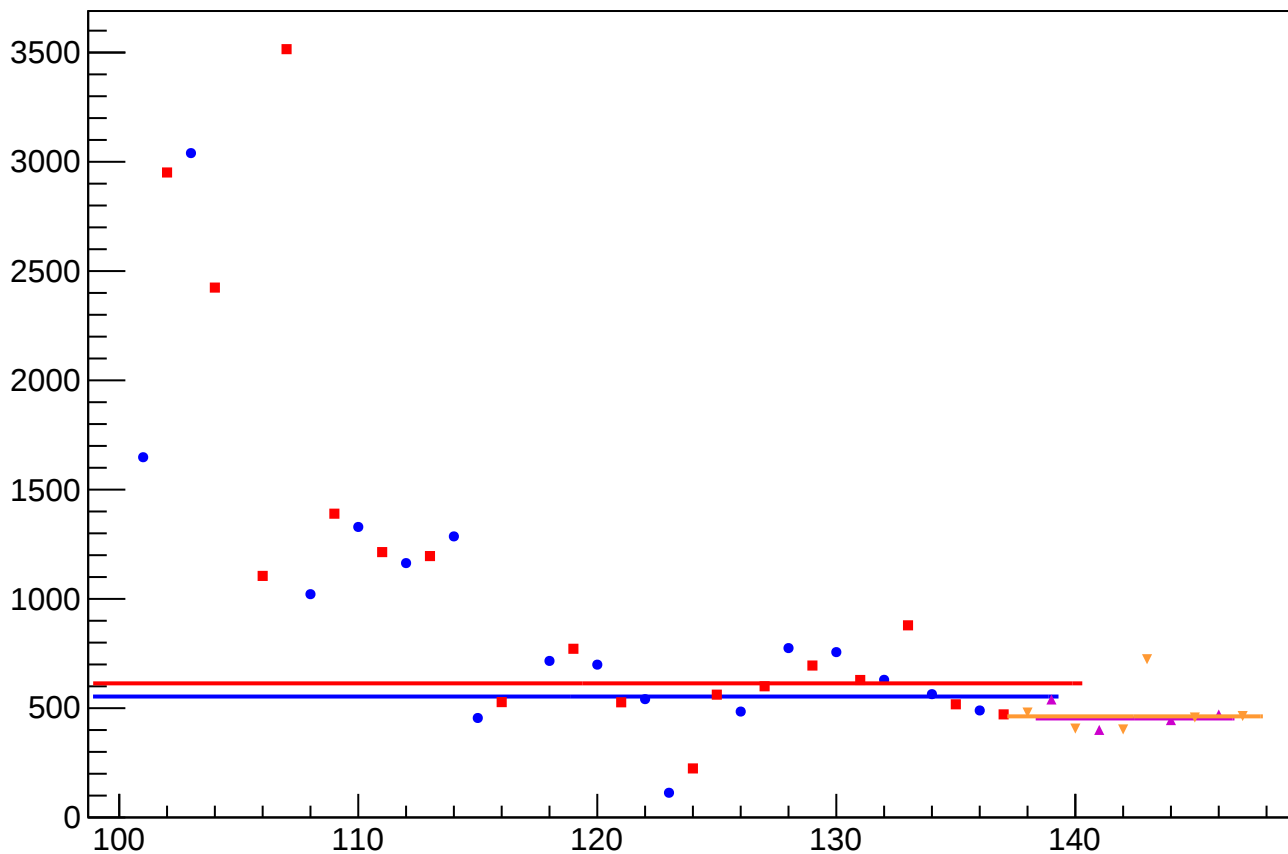
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 135.480 $\pm$ 176.552 χ^2 /NDF:26.6/20

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

All: 137.258 $\pm$ 123.854 χ^2 /NDF: 62.8/44

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: 452.898 ± 0.177 χ^2/NDF : 72694.4/3

Left: 458.188 ± 0.119 χ^2/NDF : 325631.3/9

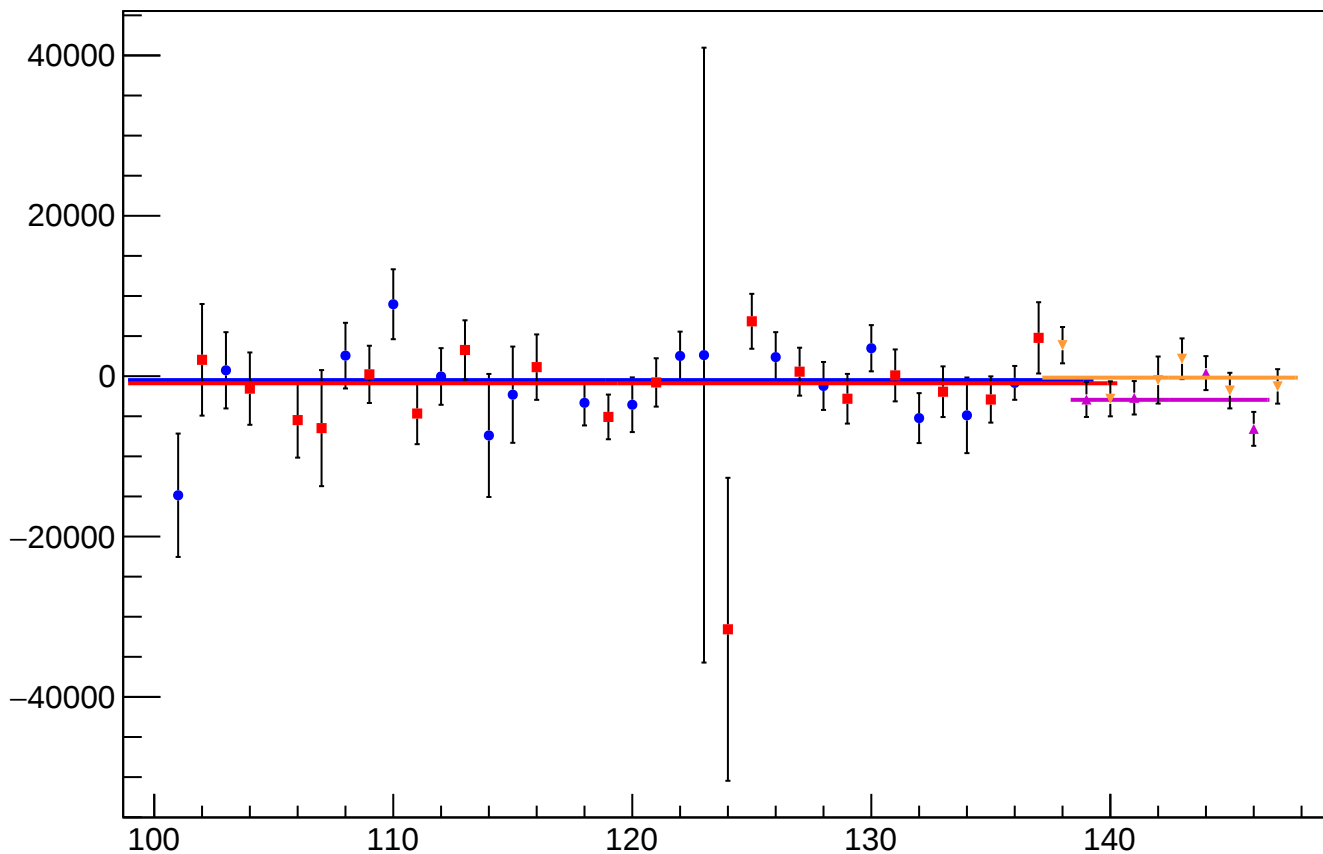
Right: 581.103 ± 0.129 χ^2/NDF : 6943410.9/34

In: 503.525 ± 0.125 χ^2/NDF : 3647064.0/20

Out: 525.791 ± 0.123 χ^2/NDF : 4095256.3/23

All: 514.834 ± 0.088 χ^2/NDF : 7758475.2/44

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

Left: -1420.067+/-710.239 χ^2/NDF : 15.5/9

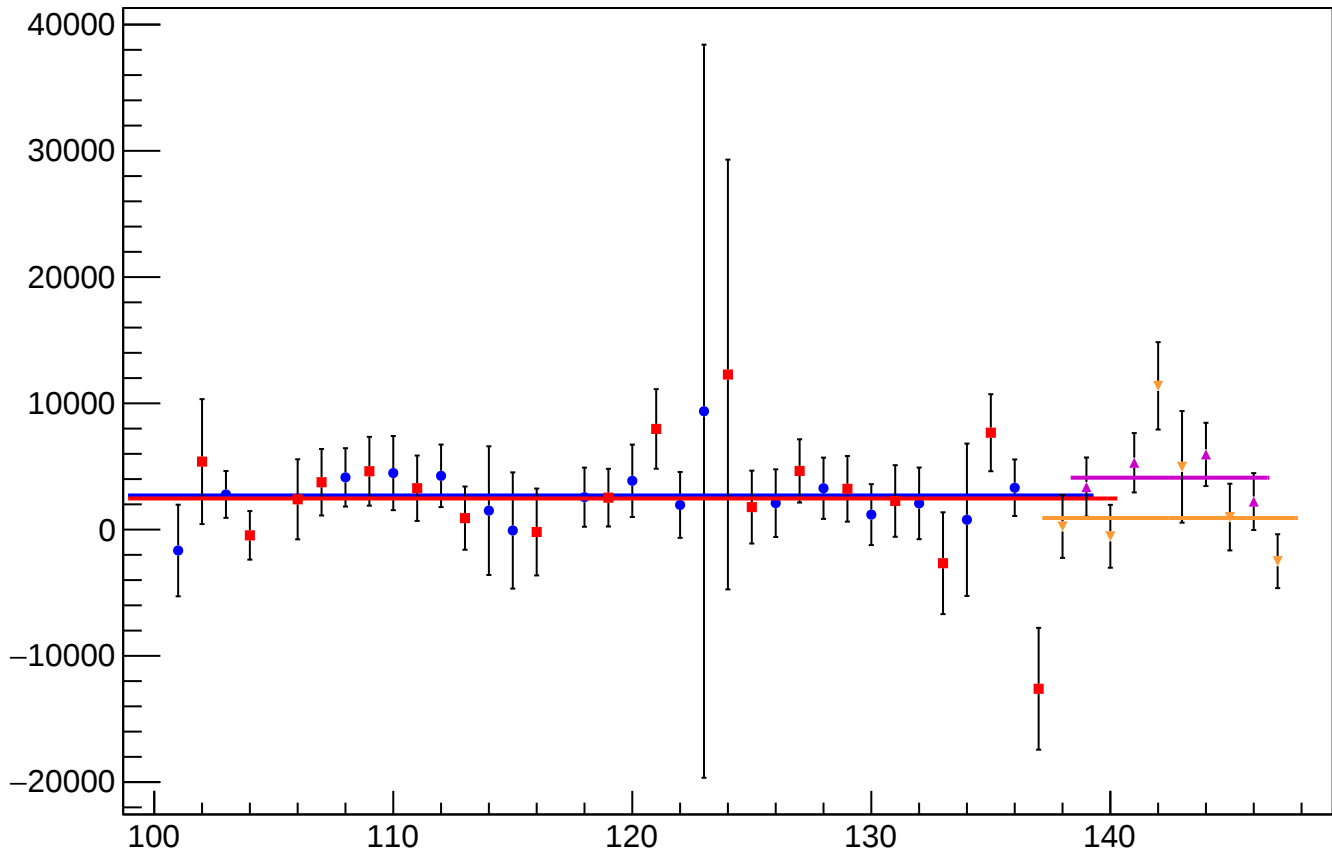
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1475.986+/-672.105 χ^2/NDF : 27.2/20

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

All: -1001.229+/-464.564 χ^2/NDF : 52.0/44

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508+/-673.898 χ^2/NDF : 4.0/16

Left Out: 918.117+/-1104.191 χ^2/NDF :13.0/5

Right Out: 2464.583+/-683.276 χ^2/NDF : 23.2/17

Left In: 4111.090+/-1178.841 χ^2/NDF :1.6/3

Left: 2410.312+/-805.880 χ^2/NDF : 18.5/9

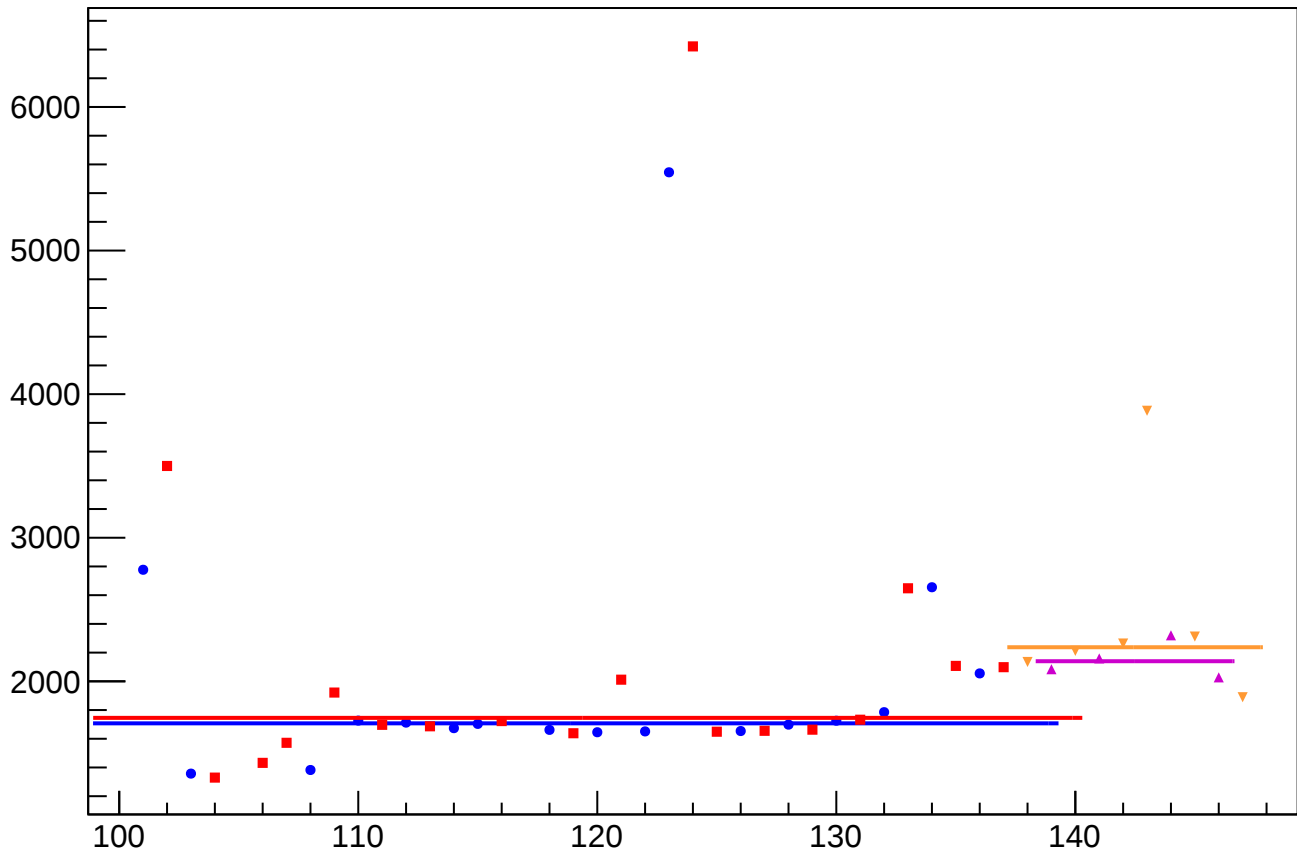
Right: 2585.697+/-479.799 χ^2/NDF : 27.3/34

In: 3050.203+/-585.049 χ^2/NDF :6.7/20

Out: 2036.381+/-581.030 χ^2/NDF :37.6/23

All: 2539.798+/-412.264 χ^2/NDF : 45.8/44

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: 2140.027 ± 0.834 $\chi^2/\text{NDF}: 16628.7/3$

Left: 2191.897 ± 0.570 $\chi^2/\text{NDF}: 360038.7/9$

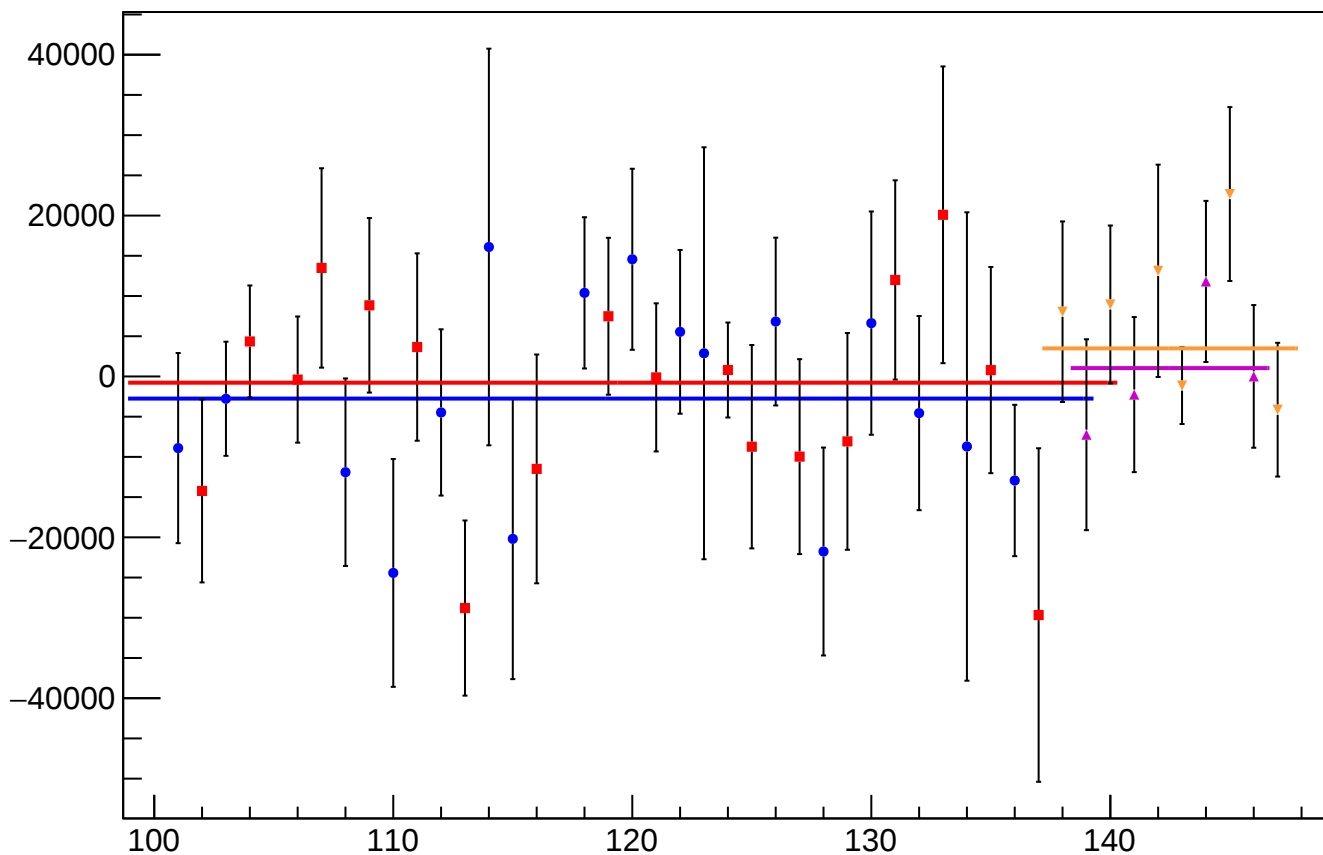
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1813.948 ± 0.414 $\chi^2/\text{NDF}: 641829.8/20$

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

All: 1848.057 ± 0.291 $\chi^2/\text{NDF}: 1977715.3/44$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 ± 2842.399 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 3488.834 ± 3317.581 $\chi^2/\text{NDF}: 5.9/5$

Right Out: -774.921 ± 2440.788 $\chi^2/\text{NDF}: 17.7/17$

Left In: 1039.356 ± 4966.143 $\chi^2/\text{NDF}: 1.8/3$

Left: 2733.000 ± 2758.645 $\chi^2/\text{NDF}: 7.9/9$

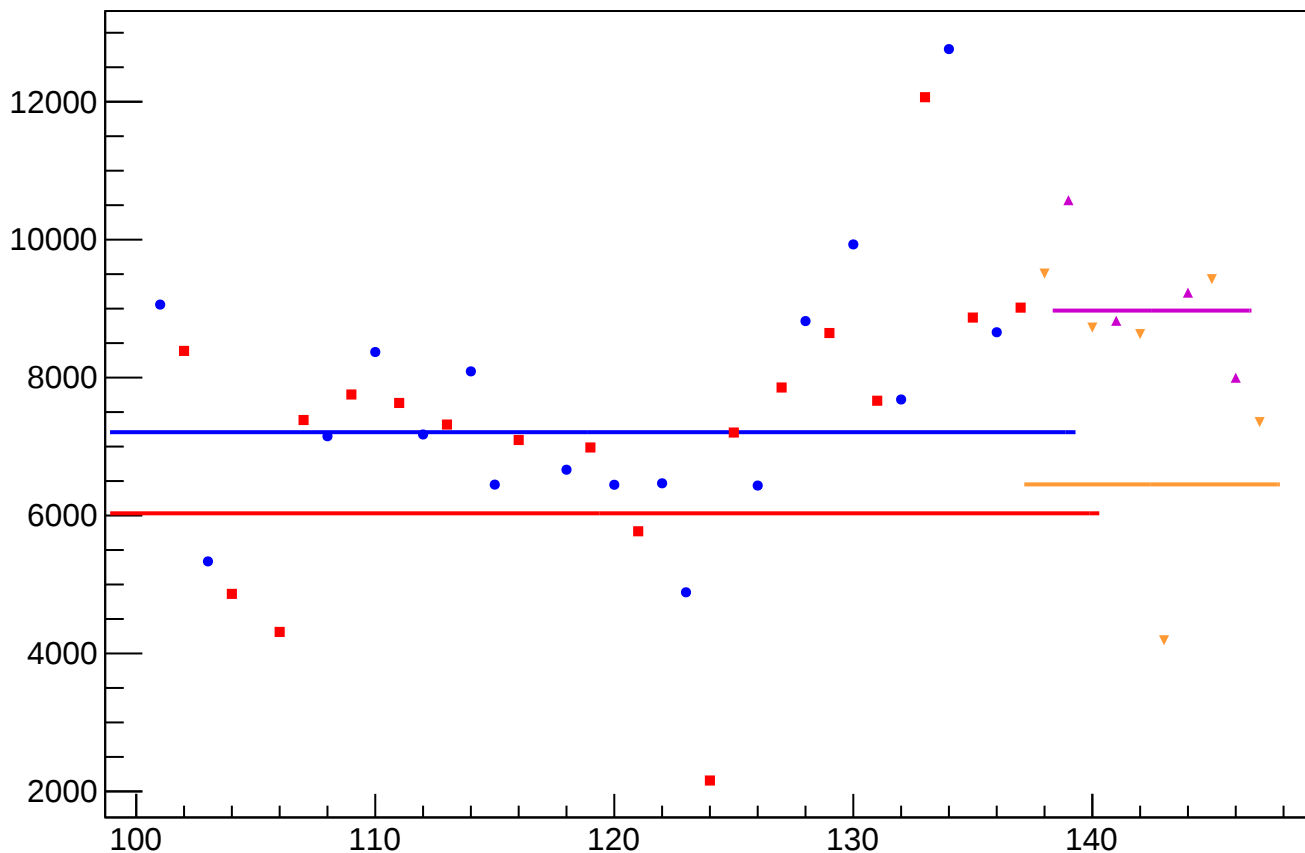
Right: -1613.491 ± 1851.753 $\chi^2/\text{NDF}: 32.6/34$

In: -1815.500 ± 2466.908 $\chi^2/\text{NDF}: 16.8/20$

Out: 722.450 ± 1966.030 $\chi^2/\text{NDF}: 24.8/23$

All: -263.376 ± 1537.488 $\chi^2/\text{NDF}: 42.2/44$

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 6451.320+/-2.346 χ^2/NDF : 932686.3/5

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 8971.657+/-3.512 χ^2/NDF : 62317.3/3

Left: 7229.020+/-1.951 χ^2/NDF : 1351173.5/9

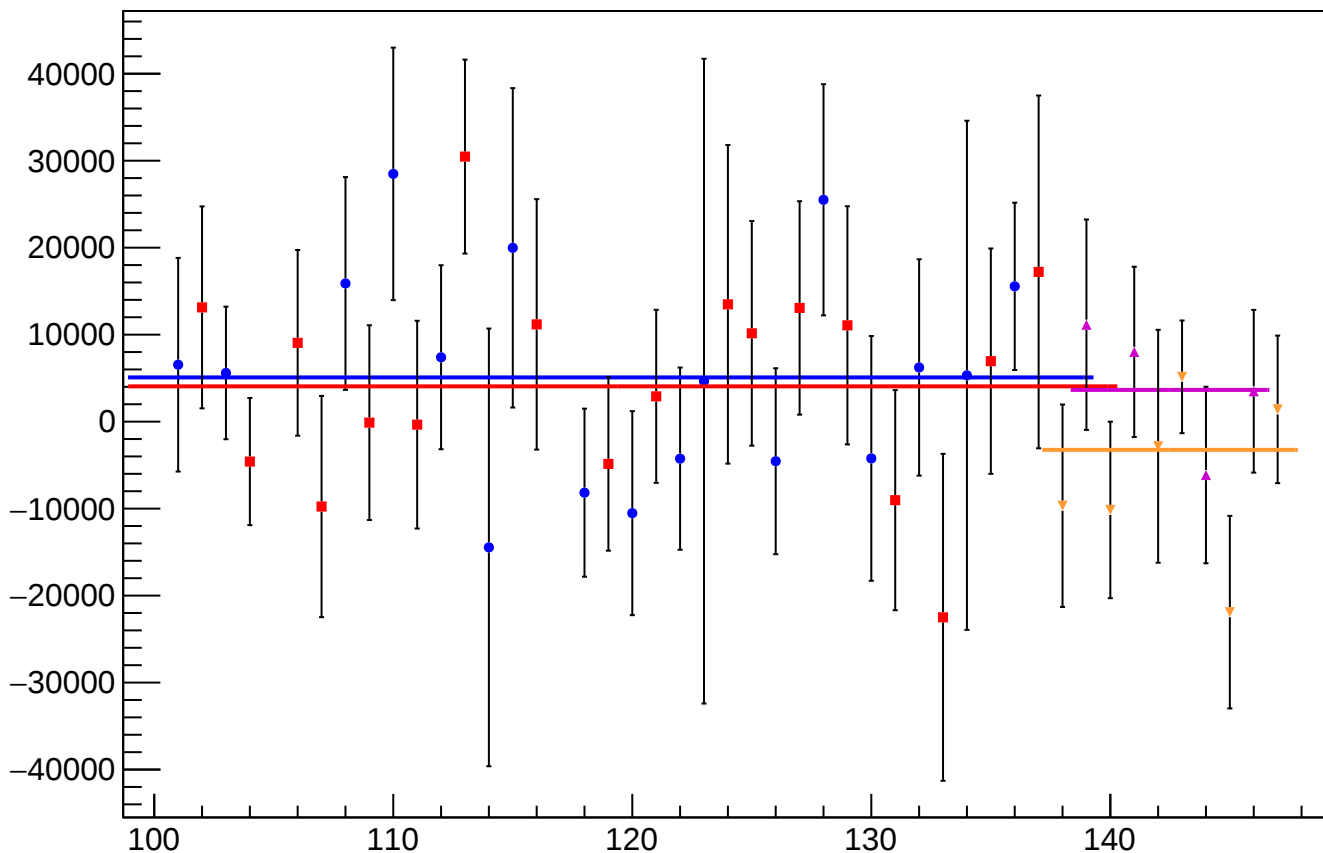
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7643.453+/-1.744 χ^2/NDF : 745993.5/20

Out: 6179.384+/-1.390 χ^2/NDF : 2750960.0/23

All: 6748.079+/-1.087 χ^2/NDF : 3927768.2/44

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: 3647.857+/-5102.399 χ^2/NDF : 1.5/3

Left: -769.048+/-3057.551 χ^2/NDF : 8.3/9

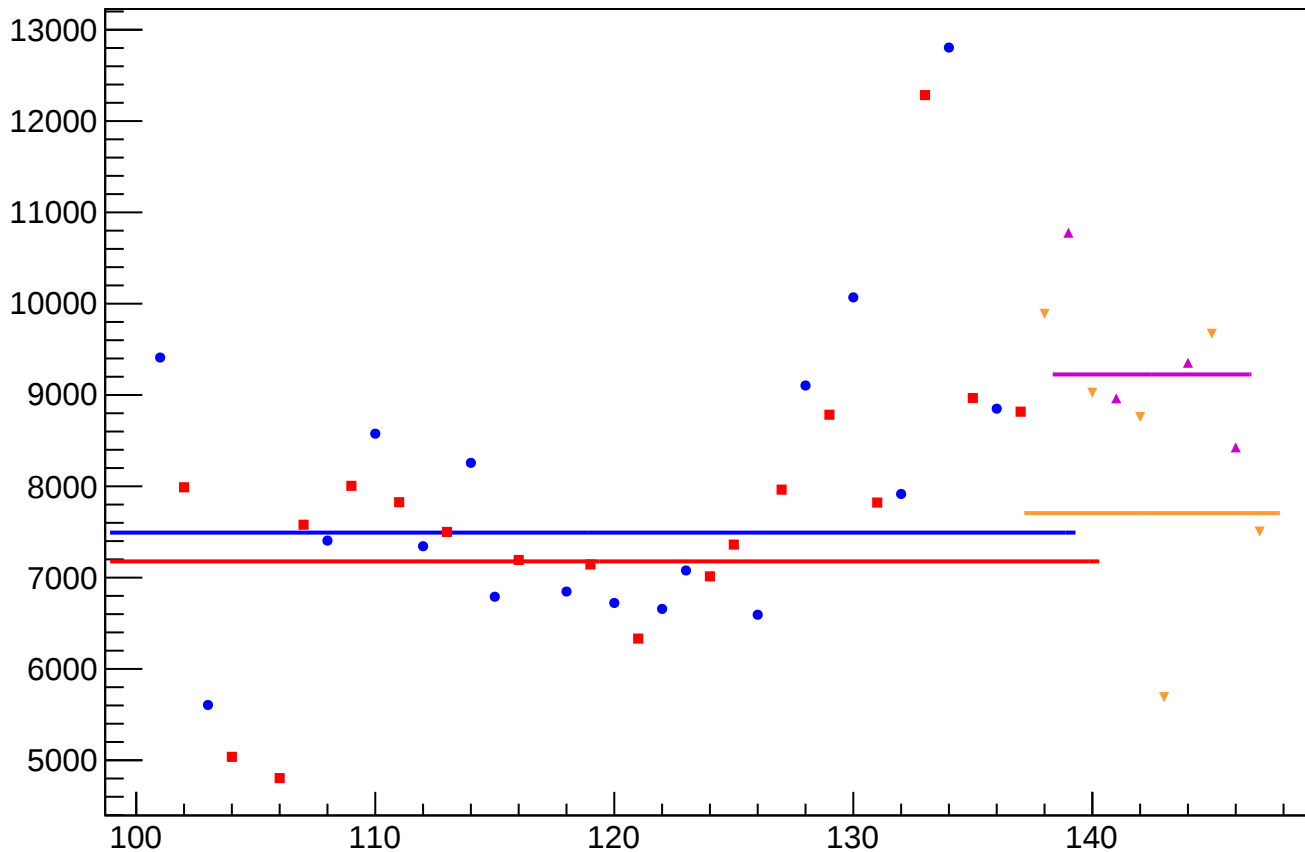
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 4723.721+/-2557.280 χ^2/NDF : 15.5/20

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

All: 2914.508+/-1692.695 χ^2/NDF : 39.6/44

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

Left: 8251.739 $\pm$ 2.162 χ^2/NDF : 537062.1/9

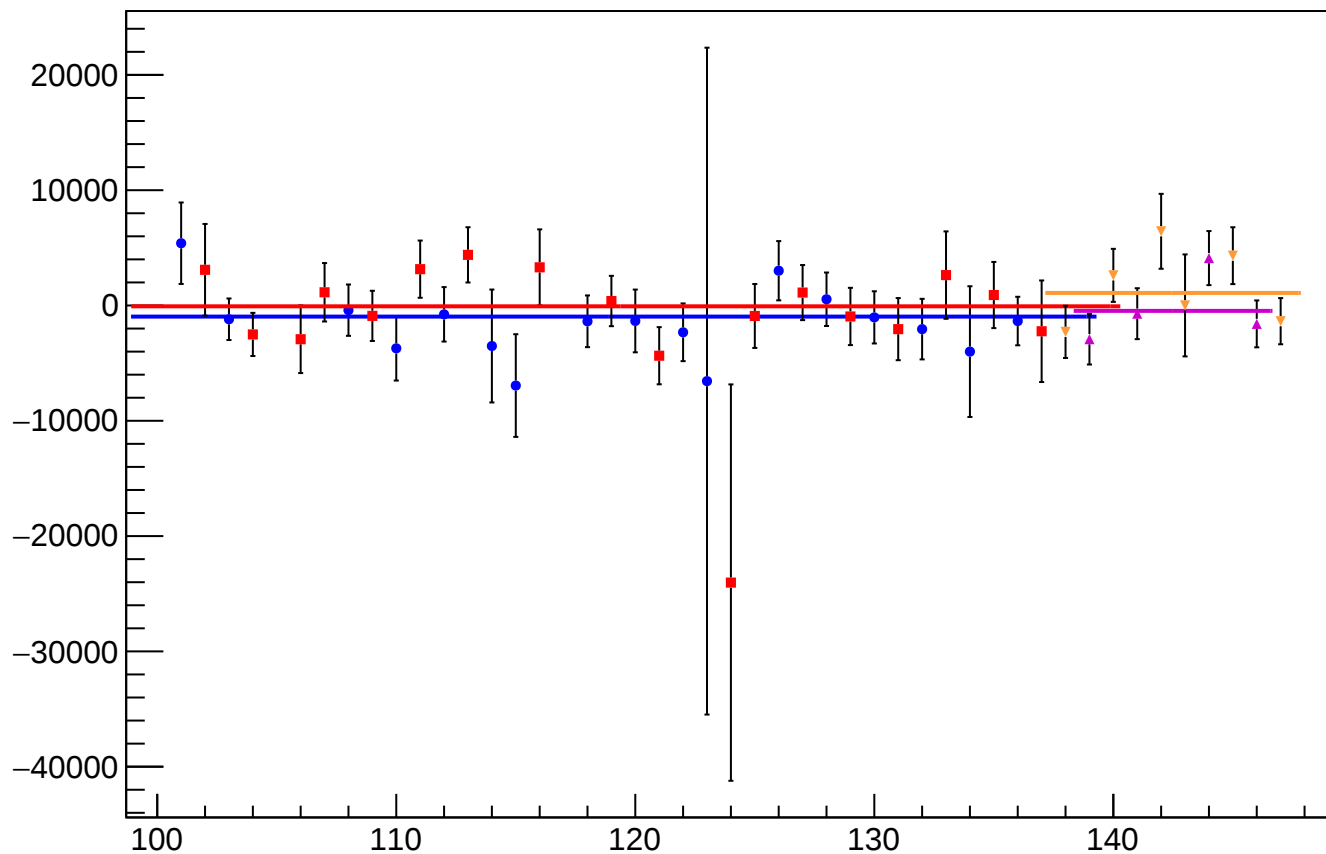
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7928.039 $\pm$ 1.808 χ^2/NDF :658973.7/20

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

All: 7610.289 $\pm$ 1.197 χ^2/NDF : 1668952.3/44

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: -466.088+/-1093.468 χ^2/NDF : 5.4/3

Left: 358.964+/-749.469 χ^2/NDF : 15.1/9

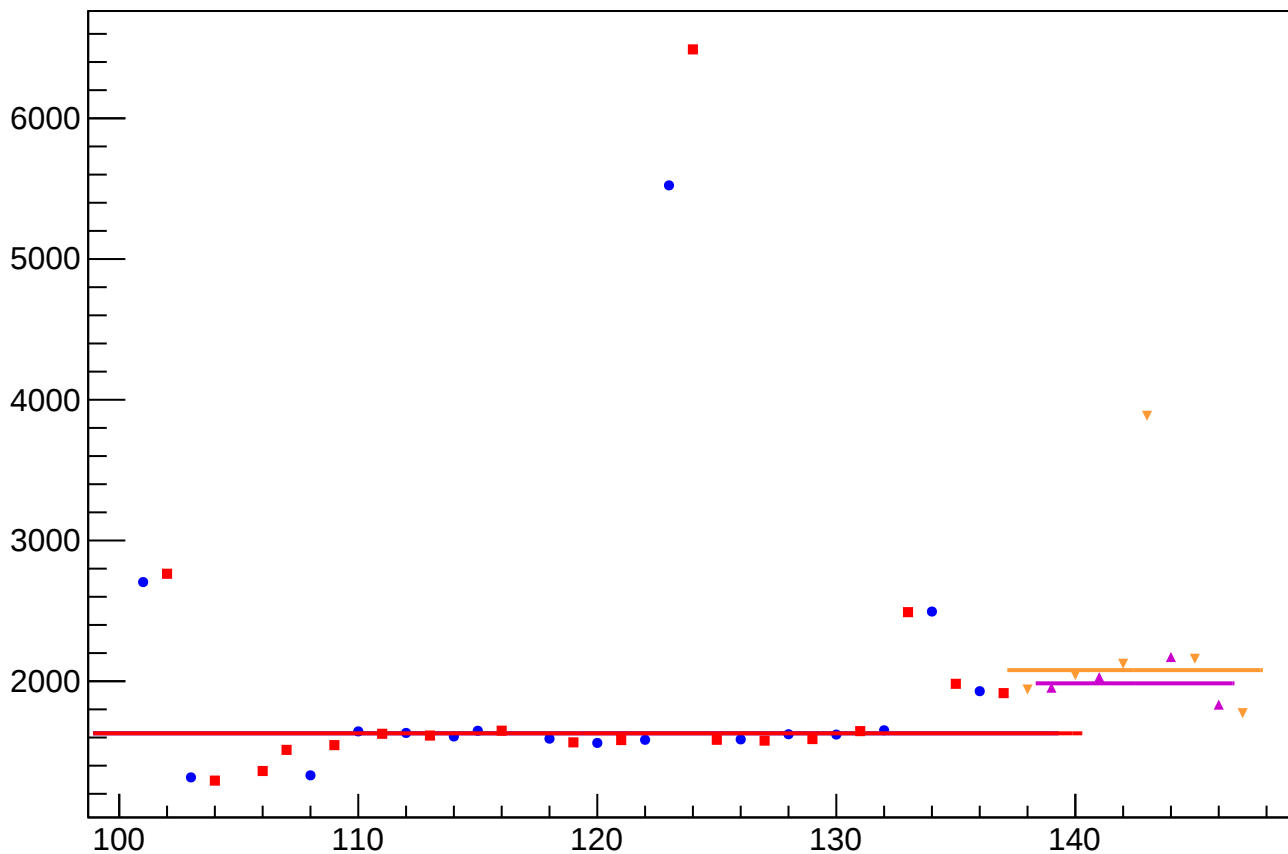
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -834.975+/-554.287 χ^2/NDF : 15.6/20

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

All: -279.209+/-386.816 χ^2/NDF : 43.8/44

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: 1985.079+/-0.773 χ^2/NDF : 24981.2/3

Left: 2034.826+/-0.530 χ^2/NDF : 423862.8/9

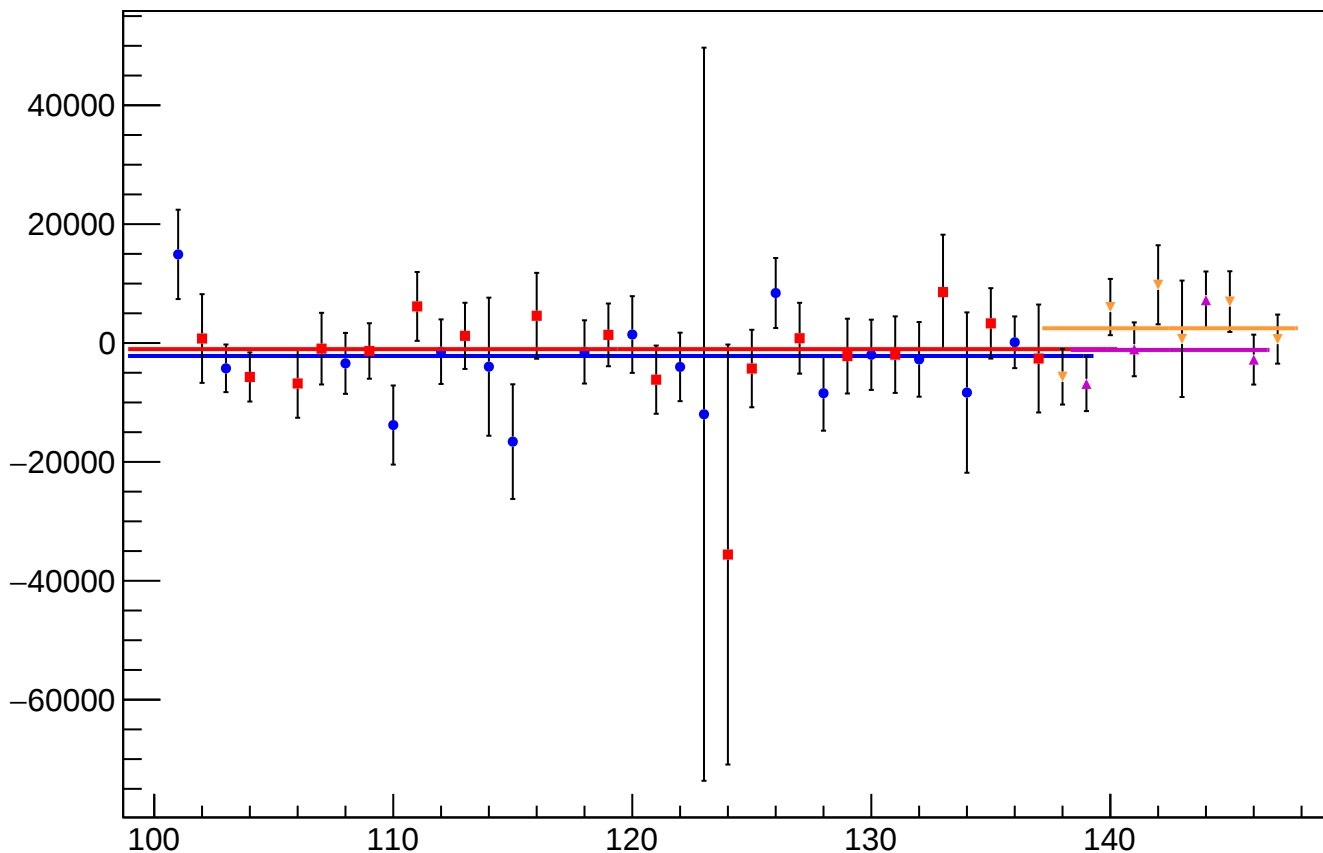
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1721.205+/-0.392 χ^2/NDF : 589878.5/20

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

All: 1737.799+/-0.274 χ^2/NDF : 1817669.2/44

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244+/-1493.026 χ^2/NDF : 16.0/16

Left Out: 2483.266+/-2130.443 χ^2/NDF : 5.8/5

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -1164.190+/-2258.246 χ^2/NDF : 4.7/3

Left: 765.666+/-1549.663 χ^2/NDF : 11.9/9

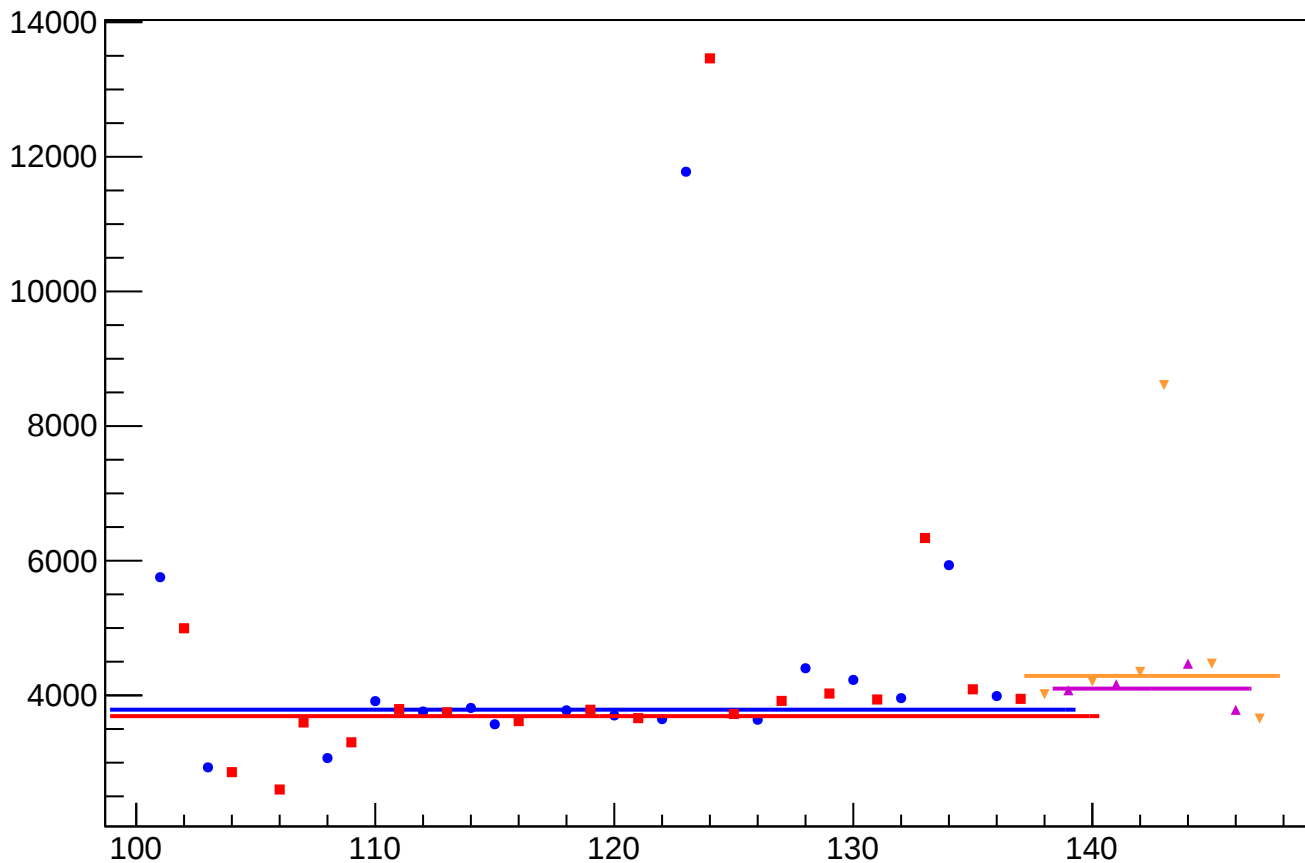
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1870.506+/-1245.438 χ^2/NDF : 20.8/20

Out: 76.247+/-1194.360 χ^2/NDF : 16.2/23

All: -856.391+/-862.032 χ^2/NDF : 38.4/44

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: 4100.114+/-1.597 χ^2/NDF : 23450.2/3

Left: 4199.908+/-1.096 χ^2/NDF : 477053.5/9

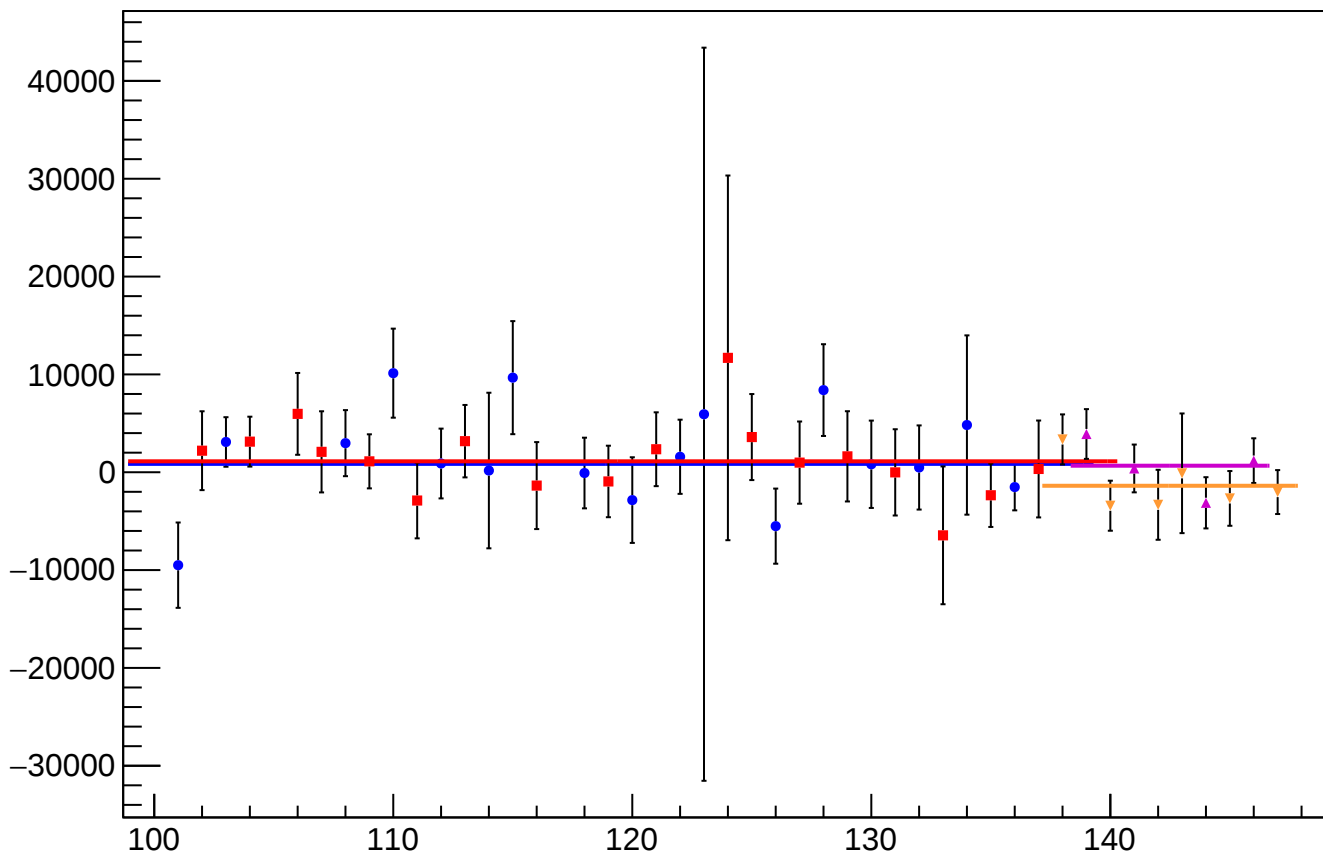
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3882.446+/-0.881 χ^2/NDF : 442804.3/20

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

All: 3880.662+/-0.610 χ^2/NDF : 1552056.7/44

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

Left: -413.247 $\pm$ 846.119 χ^2 /NDF: 9.9/9

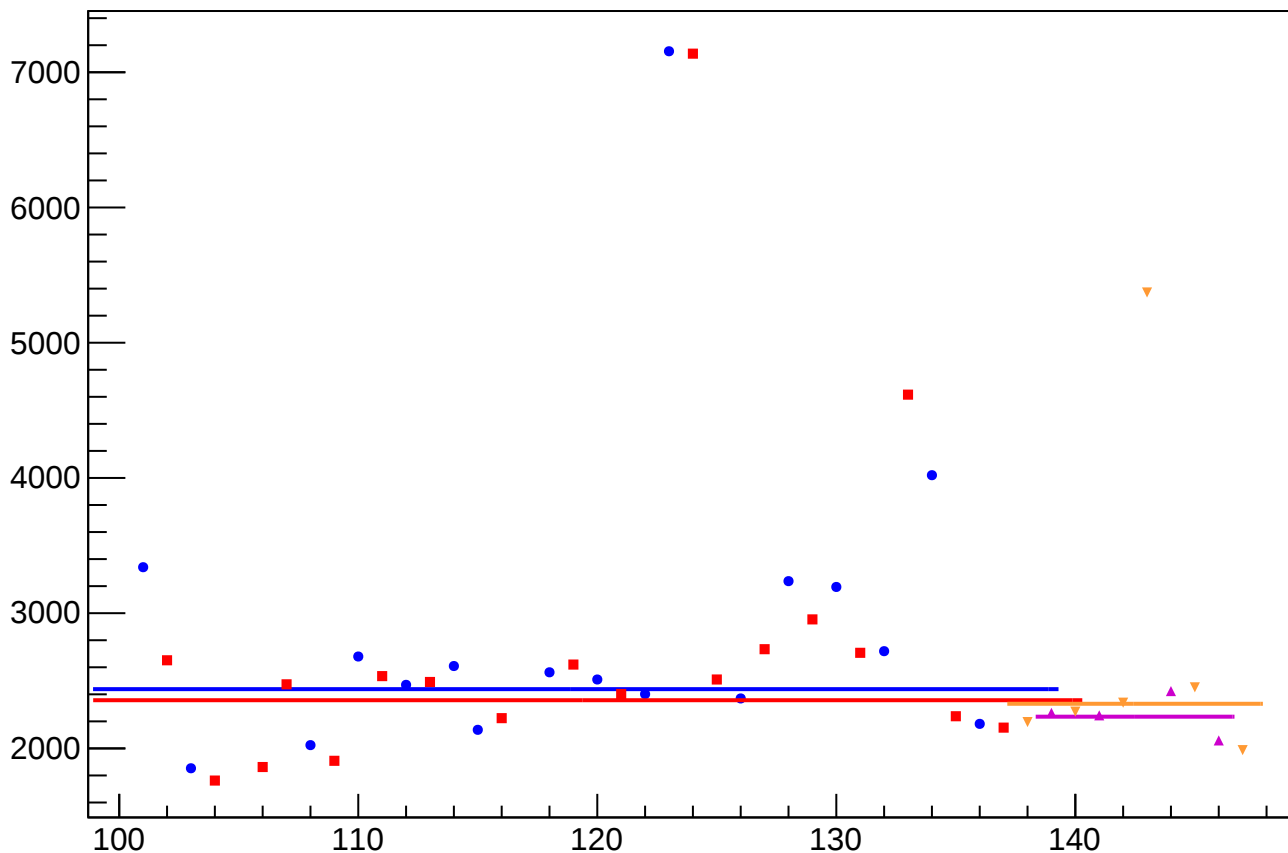
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 784.639 $\pm$ 759.297 χ^2 /NDF: 24.5/20

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

All: 451.962 $\pm$ 524.543 χ^2 /NDF: 39.6/44

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: 2234.695 ± 0.870 $\chi^2/\text{NDF}: 22579.8/3$

Left: 2284.993 ± 0.598 $\chi^2/\text{NDF}: 580644.4/9$

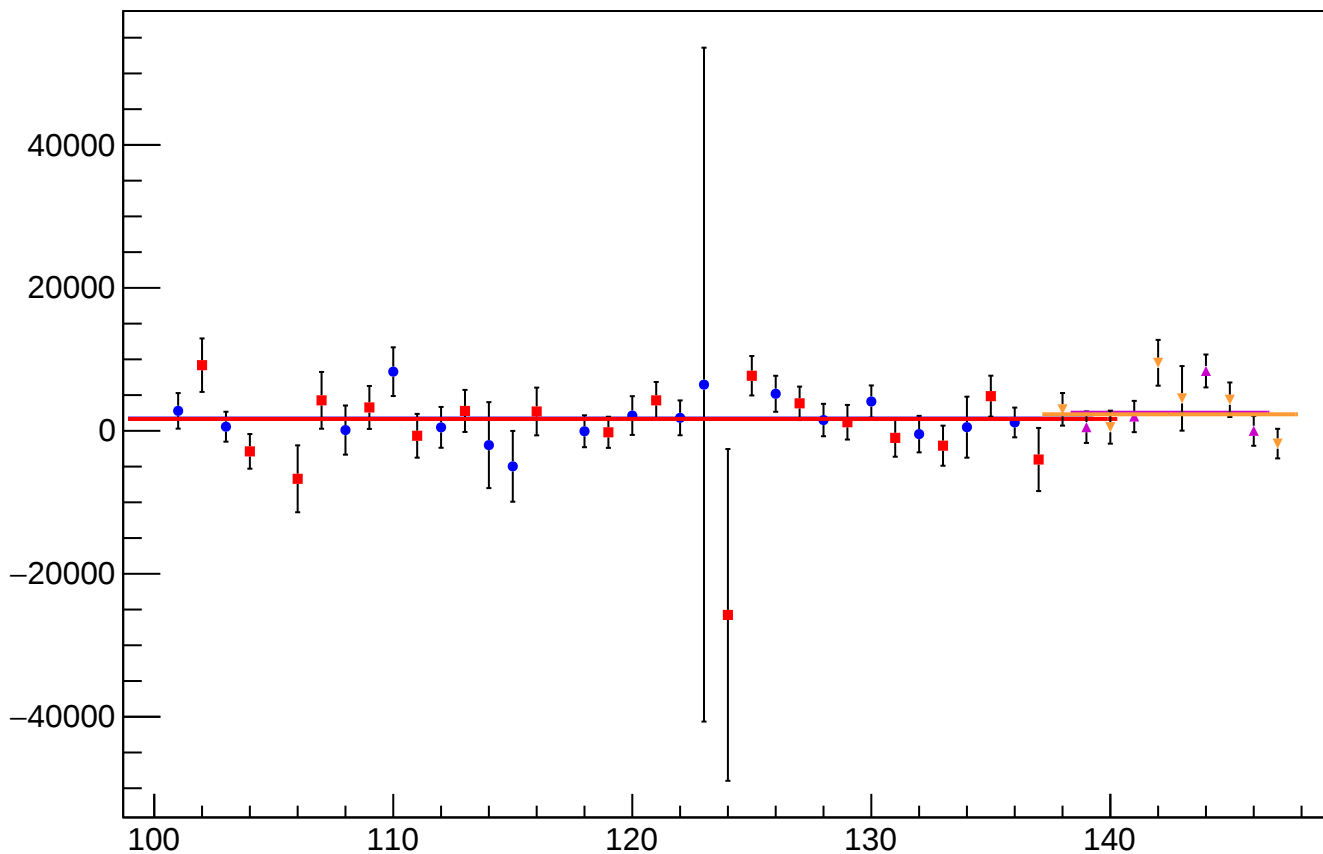
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

In: 2360.801 ± 0.537 $\chi^2/\text{NDF}: 533195.6/20$

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

All: 2353.162 ± 0.371 $\chi^2/\text{NDF}: 1715073.9/44$

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: 2534.793+/-1096.385 χ^2/NDF : 8.8/3

Left: 2418.241+/-753.218 χ^2/NDF : 19.5/9

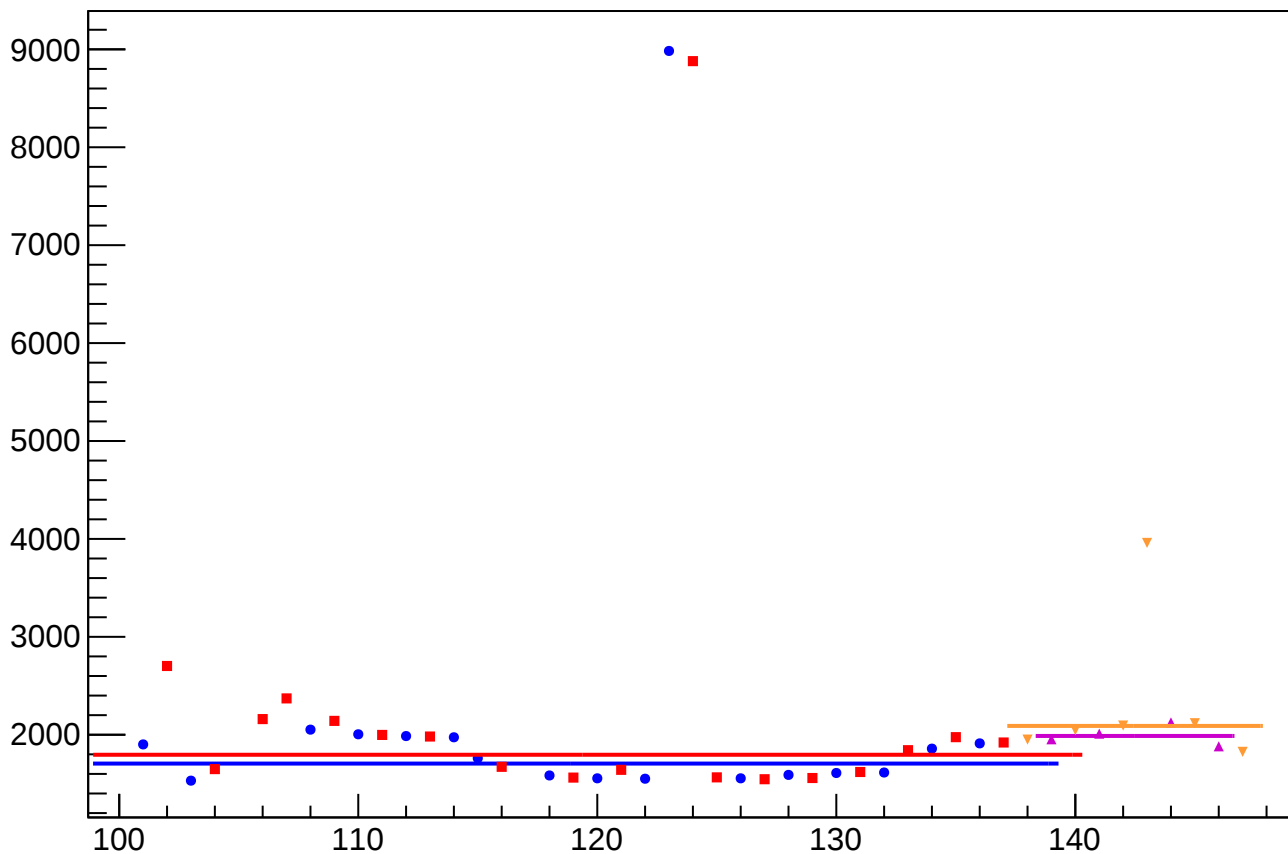
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 1934.746+/-569.928 χ^2/NDF : 20.6/20

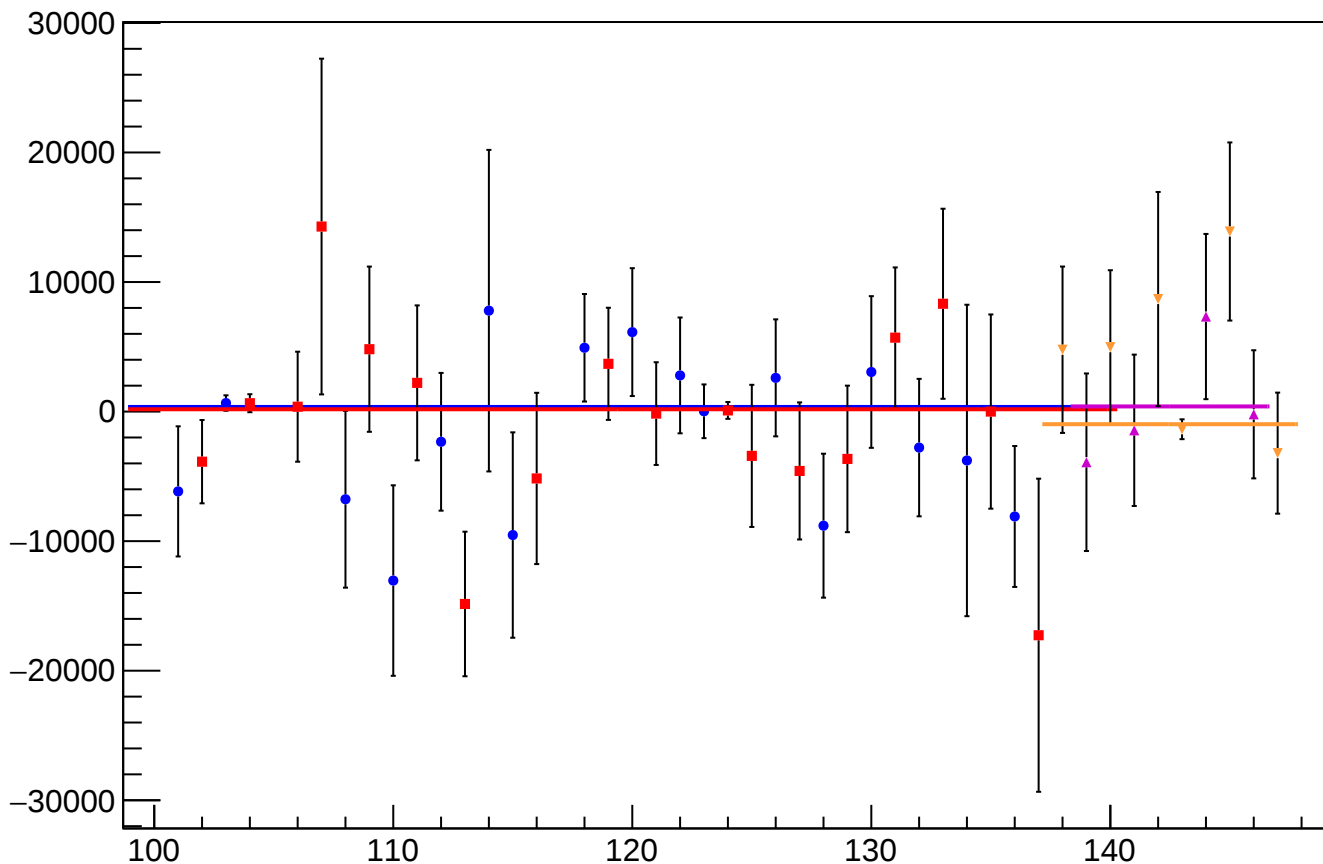
Out: 1866.831+/-577.656 χ^2/NDF : 37.8/23

All: 1901.246+/-405.704 χ^2/NDF : 58.4/44

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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: 397.526+/-2934.846 χ^2/NDF : 1.7/3

Left: -892.596+/-715.363 χ^2/NDF : 10.2/9

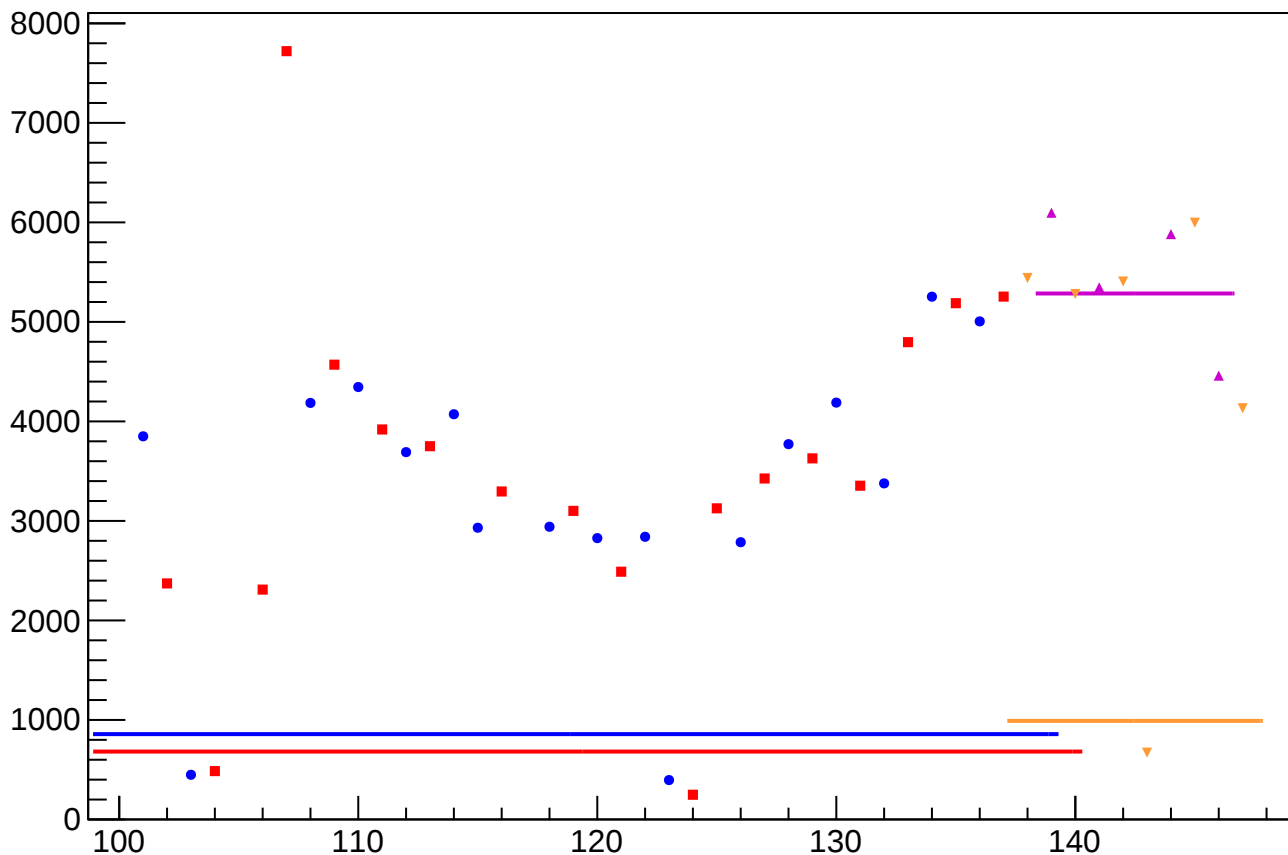
Right: 252.583+/-342.551 χ^2/NDF : 36.1/34

In: 358.319+/-524.621 χ^2/NDF : 19.2/20

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

All: 38.976+/-308.956 χ^2/NDF : 48.4/44

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 990.494+/-0.522 χ^2/NDF : 4888146.6/5

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 5285.571+/-2.075 χ^2/NDF : 101549.5/3

Left: 1245.678+/-0.506 χ^2/NDF : 9018723.1/9

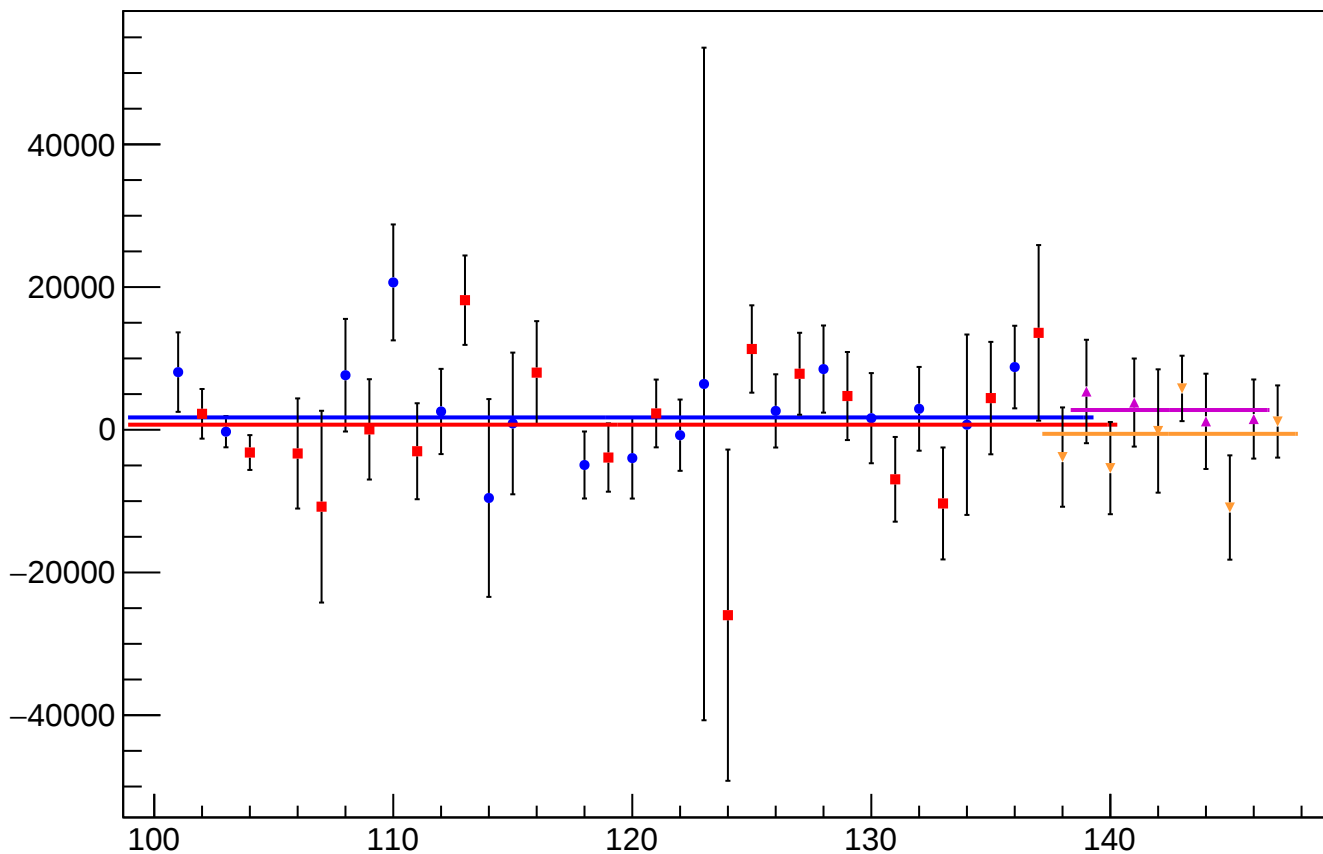
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 998.966+/-0.371 χ^2/NDF : 12684289.0/20

Out: 764.945+/-0.270 χ^2/NDF : 14522401.7/23

All: 846.108+/-0.218 χ^2/NDF : 27466634.7/4

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: 2771.479+/-3158.281 χ^2/NDF : 0.3/3

Left: 701.947+/-1947.768 χ^2/NDF : 5.8/9

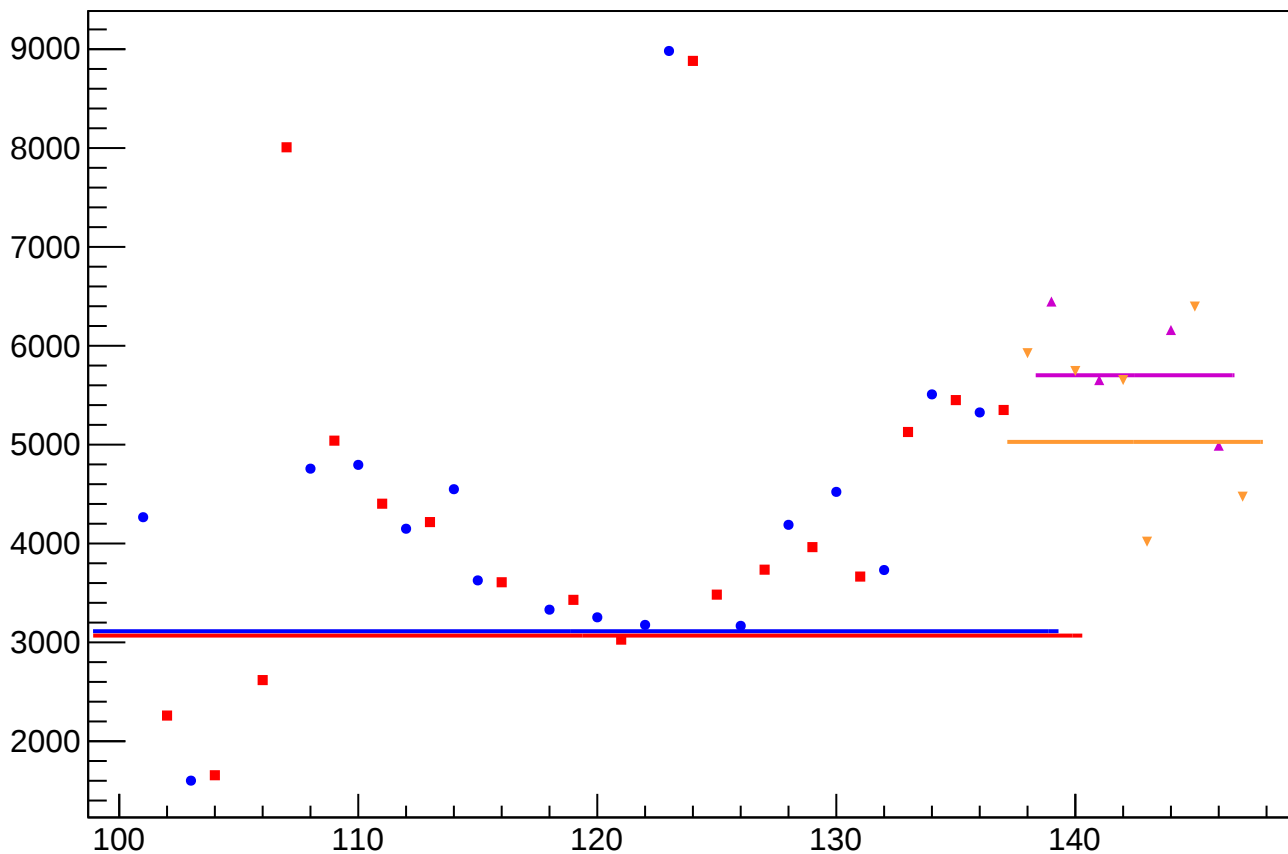
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1884.601+/-1205.784 χ^2/NDF : 15.3/20

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

All: 1125.044+/-830.052 χ^2/NDF : 46.2/44

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5027.792+/-1.750 χ^2/NDF : 259380.0/5

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

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

Left: 5284.145+/-1.377 χ^2/NDF : 379545.7/9

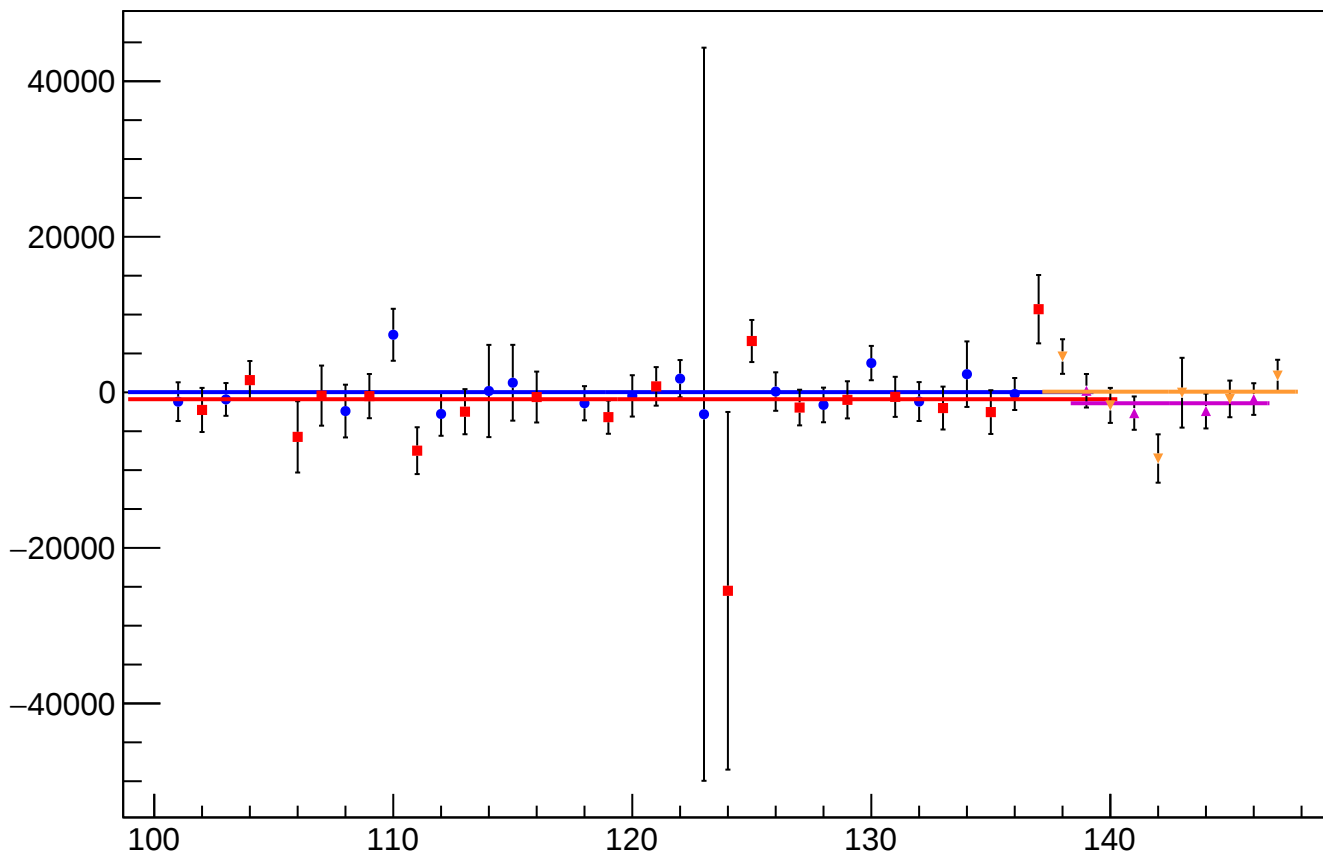
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3490.071+/-0.853 χ^2/NDF : 3096418.7/20

Out: 3478.101+/-0.800 χ^2/NDF : 3252810.3/23

All: 3483.705+/-0.583 χ^2/NDF : 6349333.8/44

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: -1400.220 ± 1069.894 $\chi^2/\text{NDF}: 1.2/3$

Left: -616.959 ± 735.672 $\chi^2/\text{NDF}: 15.8/9$

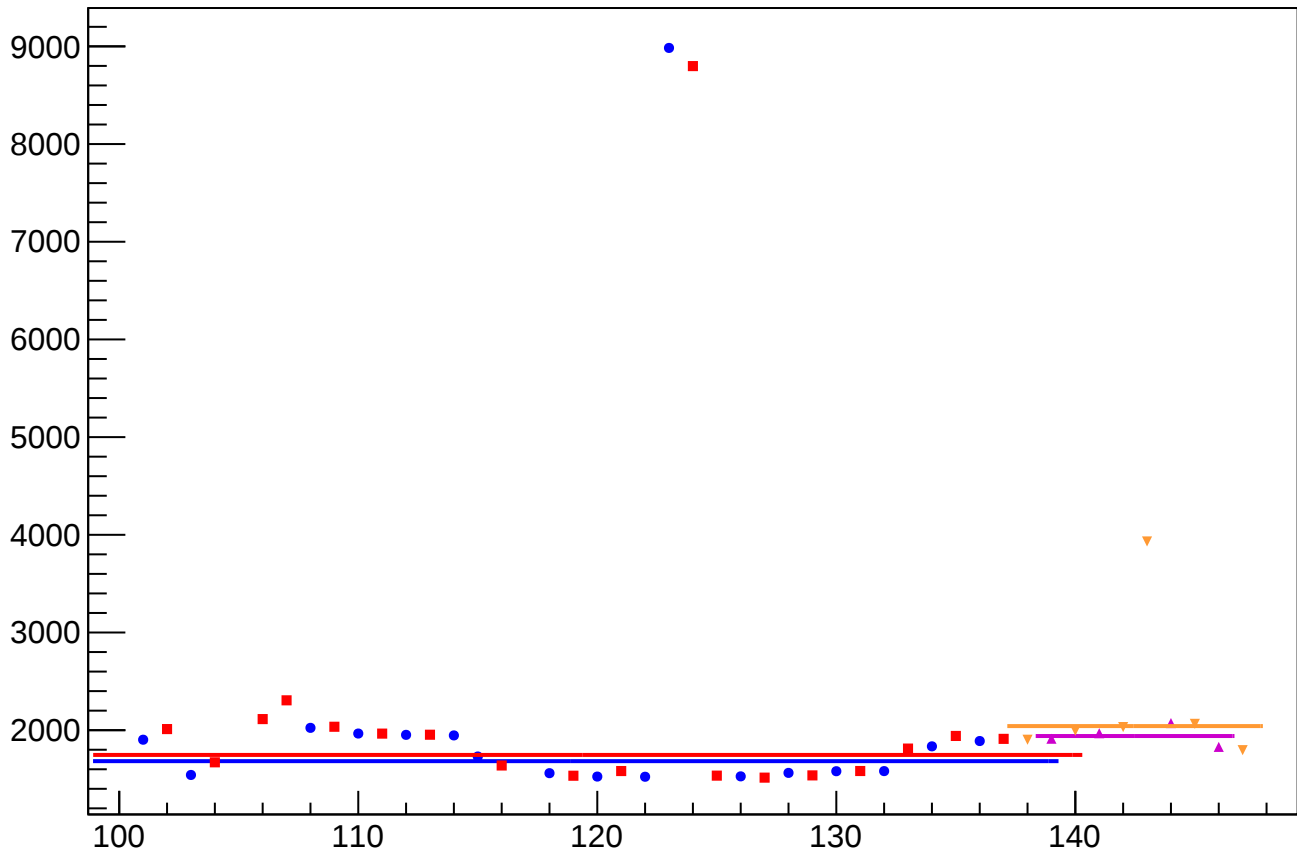
Right: -415.699 ± 471.191 $\chi^2/\text{NDF}: 38.4/34$

In: -363.507 ± 560.733 $\chi^2/\text{NDF}: 14.3/20$

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

All: -474.244 ± 396.783 $\chi^2/\text{NDF}: 54.2/44$

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+/-0.716 χ^2/NDF : 393067.6/5

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

Left In: 1940.252+/-0.757 χ^2/NDF : 13651.0/3

Left: 1993.912+/-0.520 χ^2/NDF : 416261.4/9

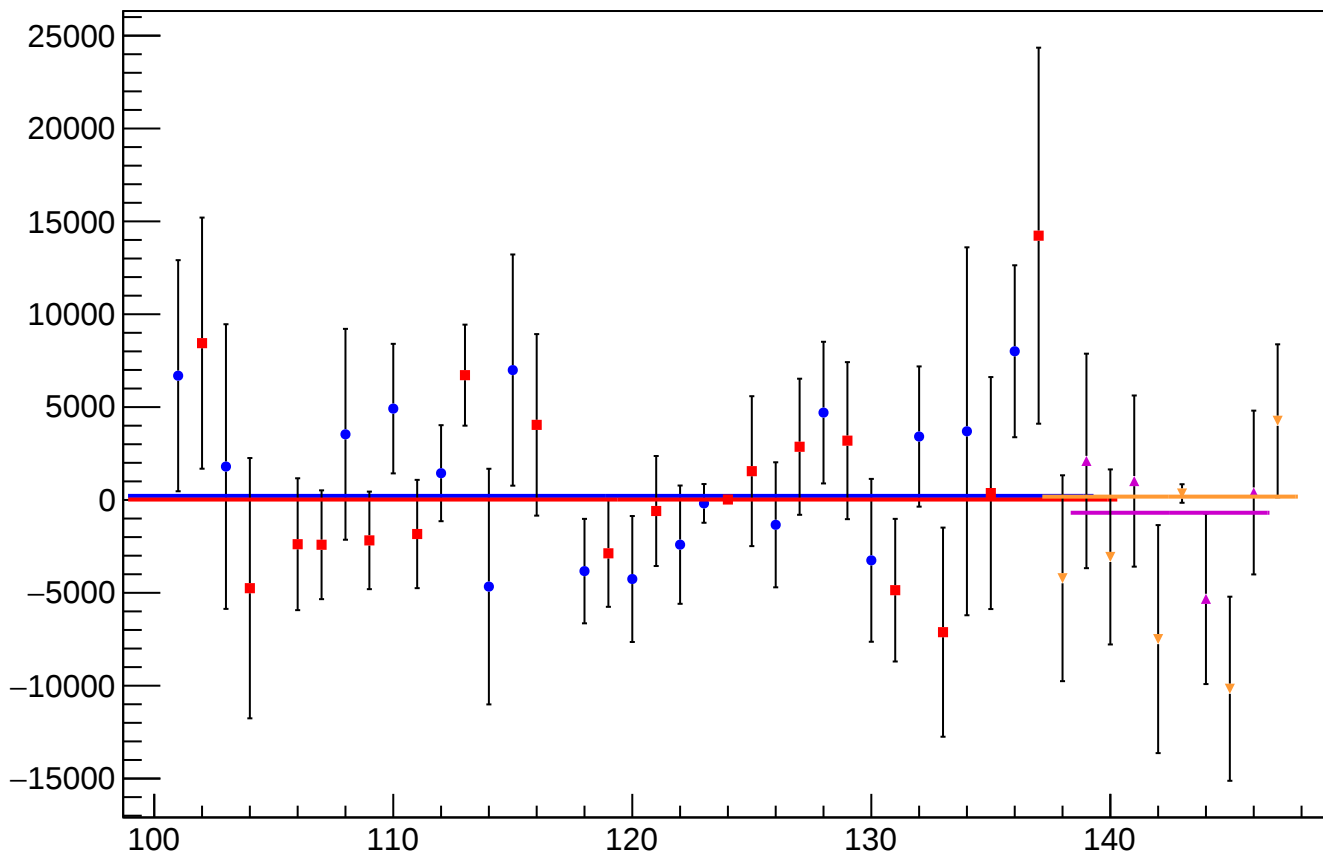
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1753.753+/-0.396 χ^2/NDF : 293295.1/20

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

All: 1795.484+/-0.280 χ^2/NDF : 1233050.8/44

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: -688.987 $\pm$ 2383.650 χ^2 /NDF:1.5/3

Left: 145.036 $\pm$ 477.204 χ^2 /NDF: 9.7/9

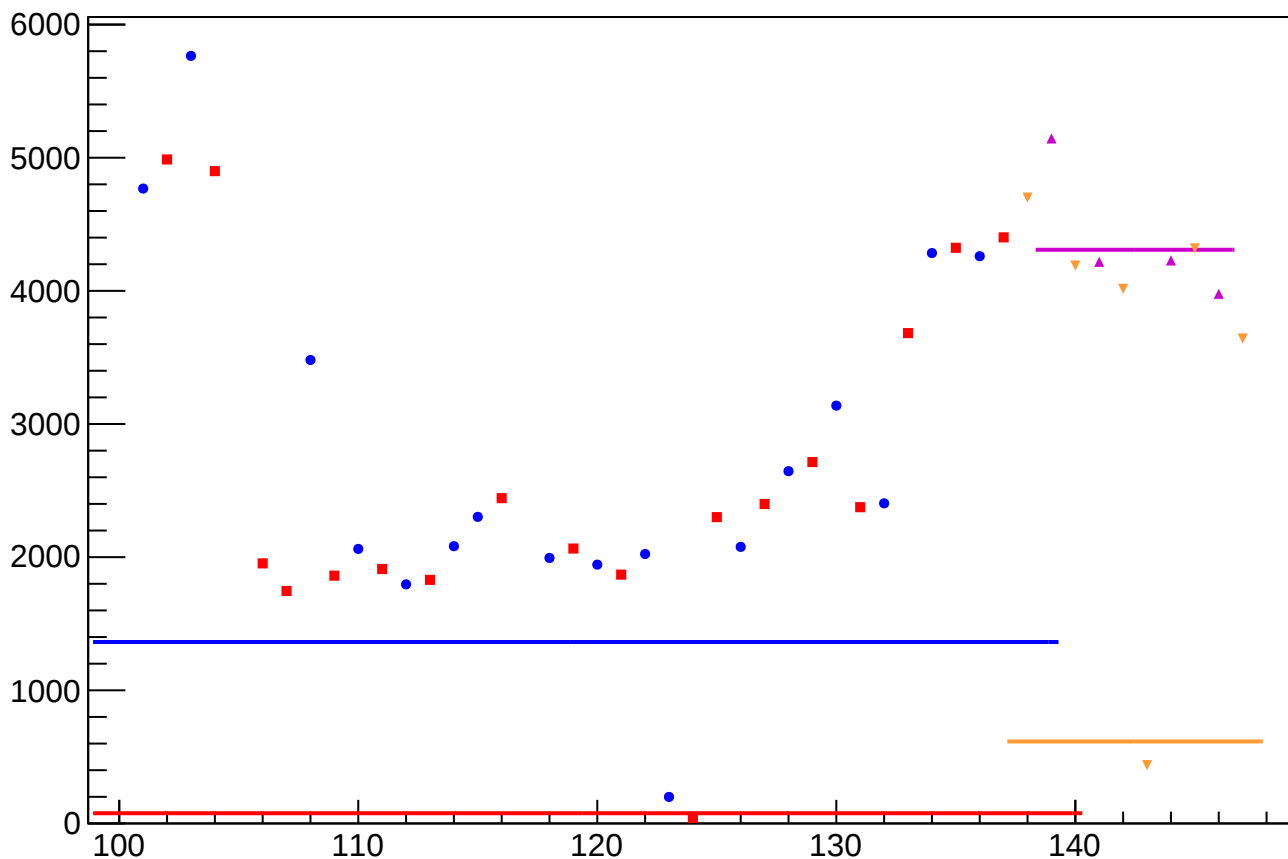
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 143.647 $\pm$ 690.046 χ^2 /NDF:17.4/20

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

All: 33.033 $\pm$ 109.712 χ^2 /NDF: 44.2/44

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: 4308.677 $\pm$ 1.685 χ^2 /NDF: 54545.1/3

Left: 763.771 $\pm$ 0.337 χ^2 /NDF: 9963882.2/9

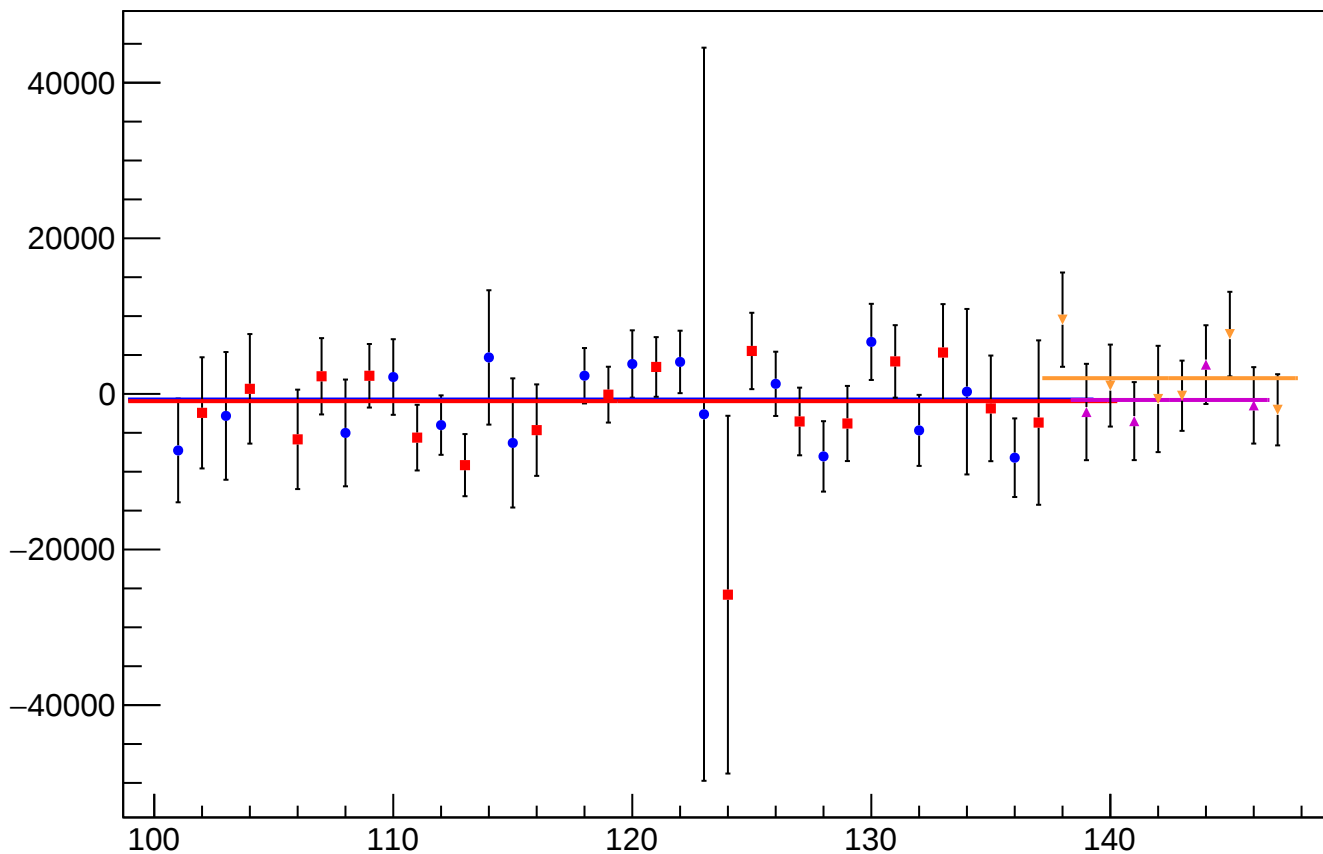
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1609.718 $\pm$ 0.488 χ^2 /NDF: 9089047.9/20

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

All: 142.925 $\pm$ 0.078 χ^2 /NDF: 39096940.7/4

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: 2022.601+/-2154.753 χ^2/NDF : 3.9/5

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

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

Left: 889.552+/-1662.702 χ^2/NDF : 5.7/9

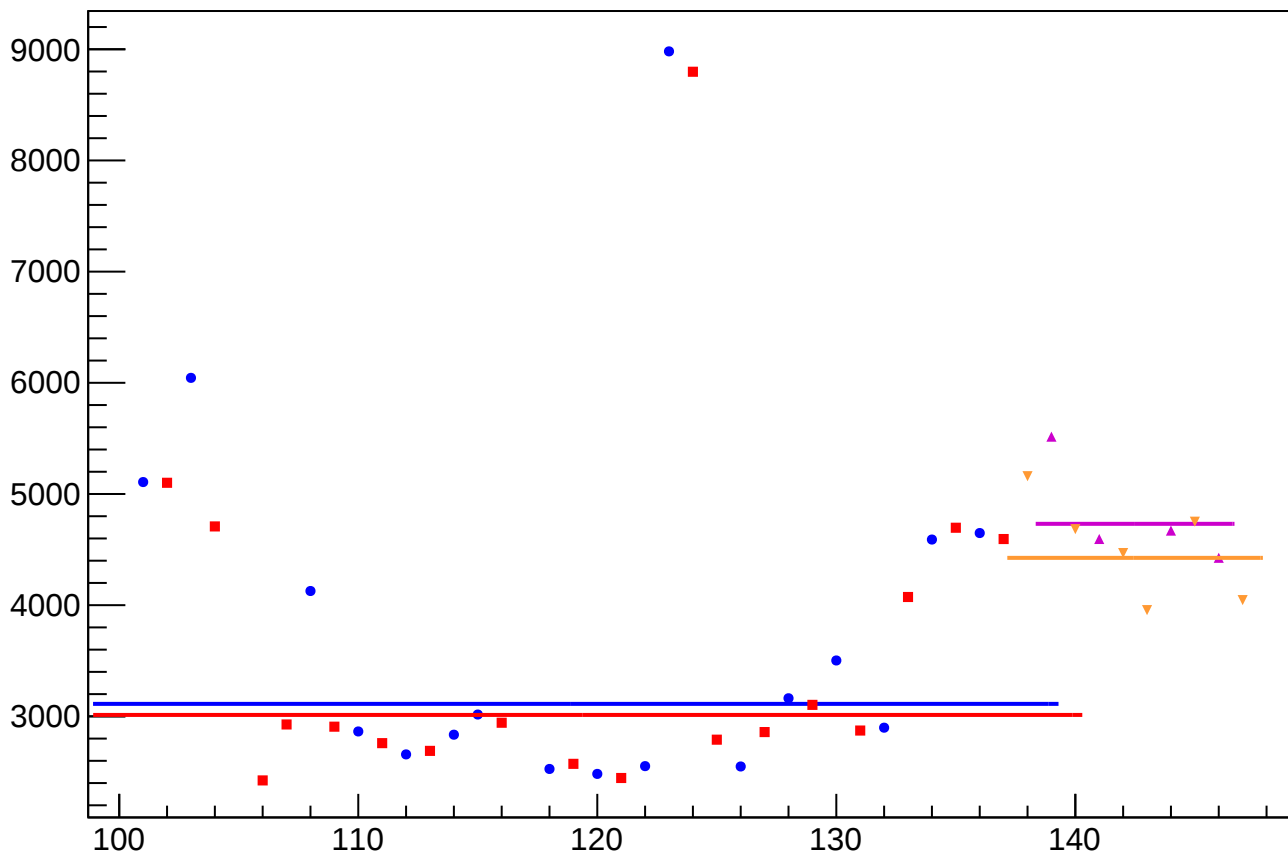
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -732.045+/-1129.553 χ^2/NDF : 15.9/20

Out: -237.277+/-1044.684 χ^2/NDF : 20.2/23

All: -465.378+/-766.954 χ^2/NDF : 36.2/44

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

Left: 4549.396+/-1.176 χ^2/NDF : 134789.1/9

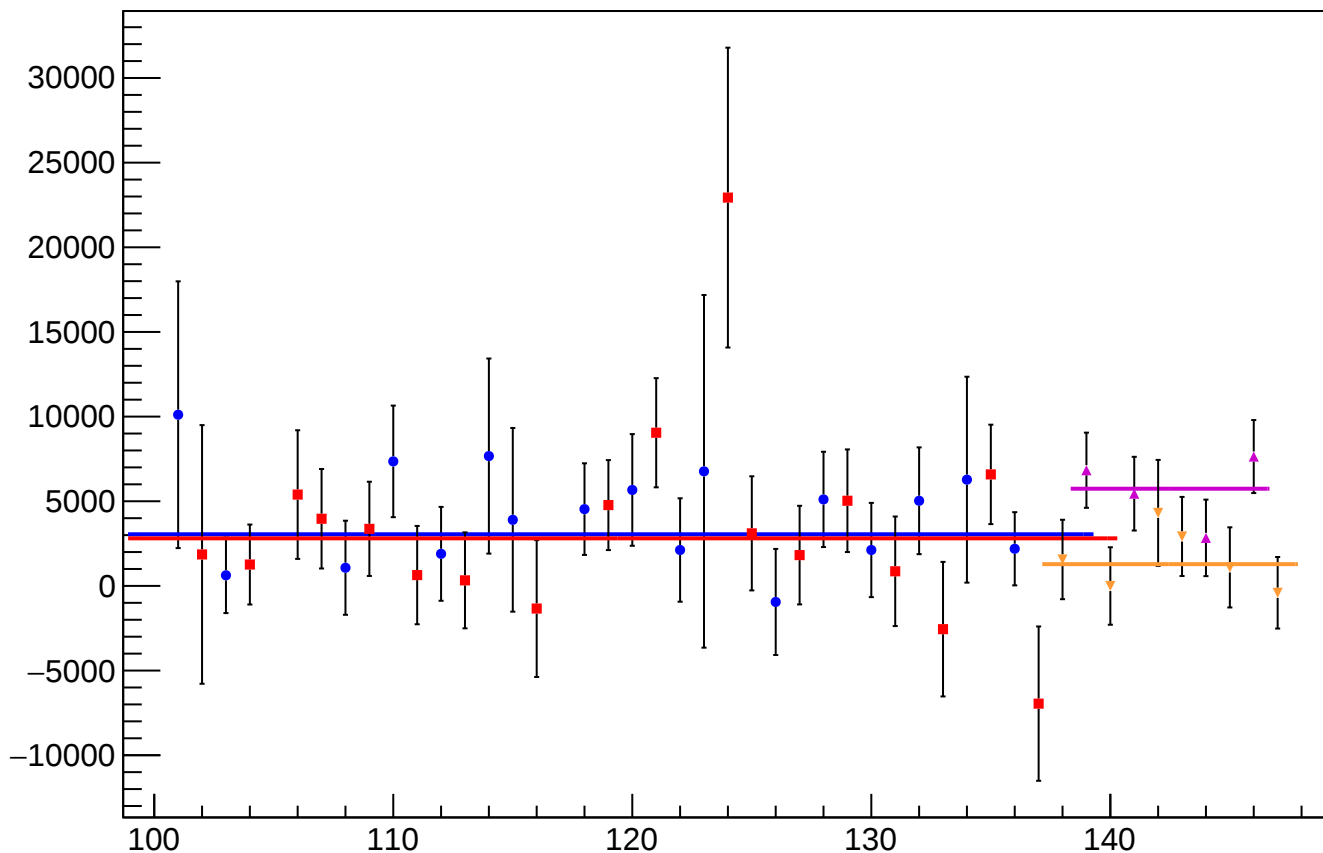
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3414.592+/-0.799 χ^2/NDF : 1624297.1/20

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

All: 3373.213+/-0.539 χ^2/NDF : 3141966.9/44

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 1284.180+/-970.997 χ^2/NDF : 2.4/5

Right Out: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 5740.507+/-1101.025 χ^2/NDF : 2.7/3

Left: 3233.788+/-728.253 χ^2/NDF : 14.3/9

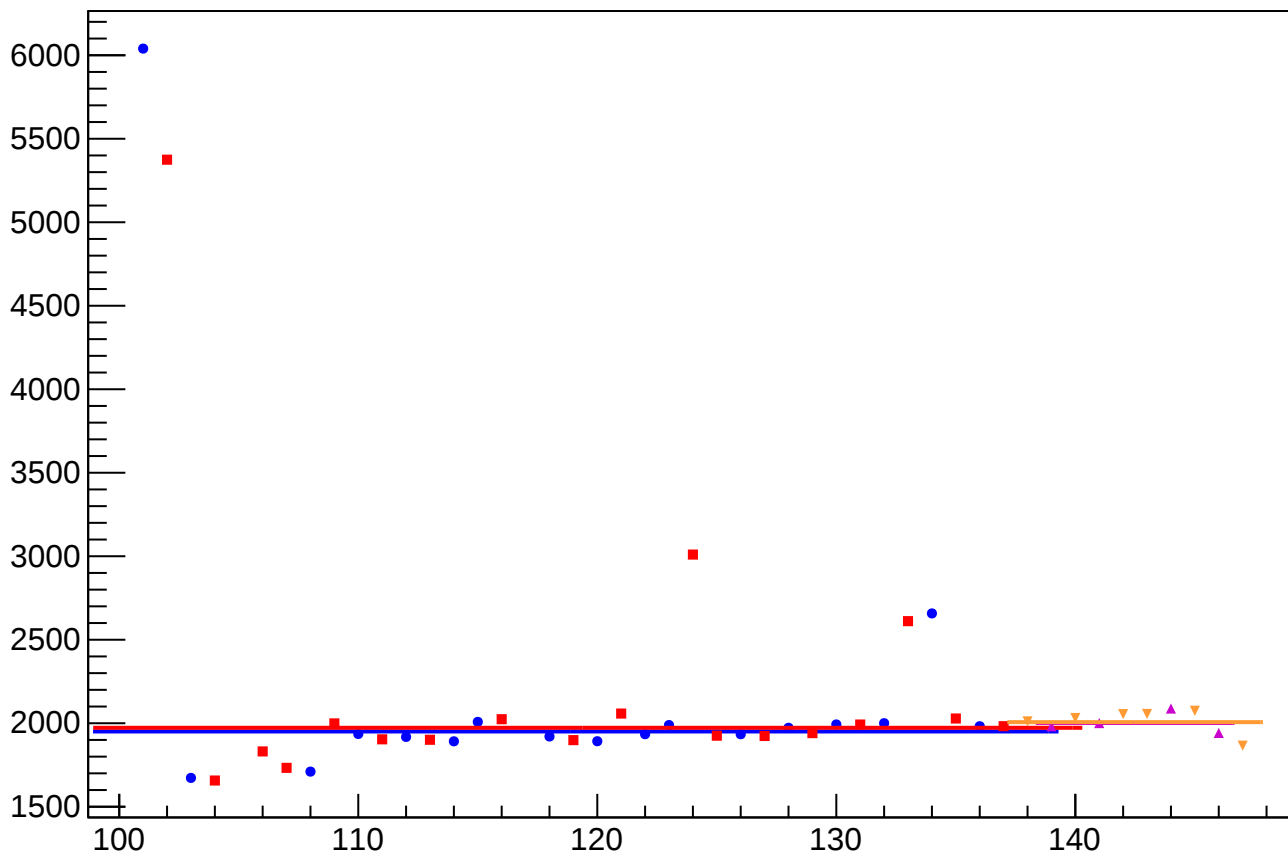
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3936.652+/-632.277 χ^2/NDF : 16.0/20

Out: 2223.946+/-601.497 χ^2/NDF : 25.9/23

All: 3037.597+/-435.798 χ^2/NDF : 45.8/44

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 2006.576 $\pm$ 0.687 χ^2 /NDF:12133.4/5

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 2001.460 $\pm$ 0.779 χ^2 /NDF:4619.3/3

Left: 2004.338 $\pm$ 0.515 χ^2 /NDF: 16777.0/9

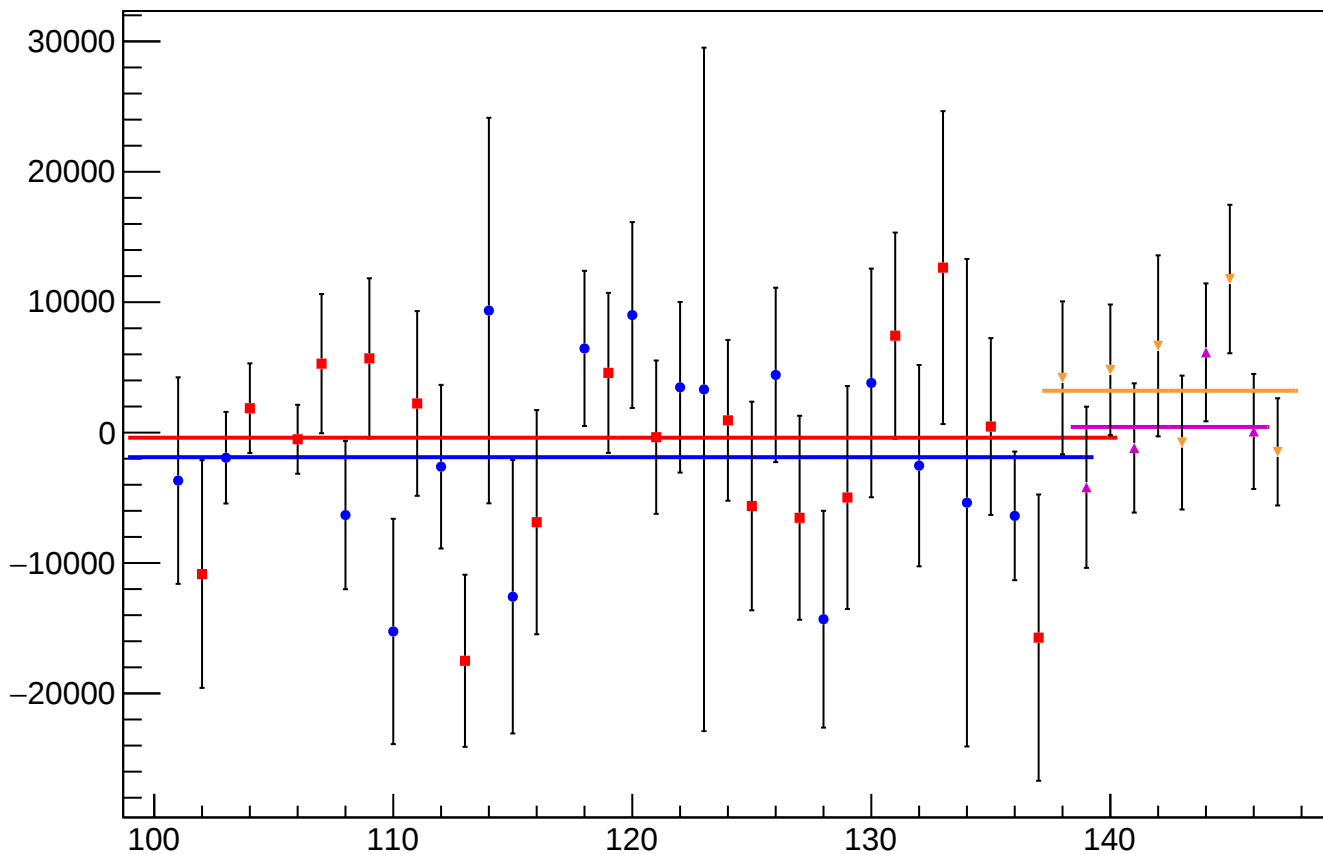
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1967.434 $\pm$ 0.447 χ^2 /NDF:622634.7/20

Out: 1985.705 $\pm$ 0.425 χ^2 /NDF:549302.1/23

All: 1977.029 $\pm$ 0.308 χ^2 /NDF: 1172813.8/44

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2 /NDF: 14.1/16

Left Out: 3210.511 $\pm$ 2143.597 χ^2 /NDF: 4.5/5

Right Out: -391.453 $\pm$ 1361.685 χ^2 /NDF: 17.6/17

Left In: 433.278 $\pm$ 2547.675 χ^2 /NDF: 1.8/3

Left: 2059.346 $\pm$ 1640.237 χ^2 /NDF: 7.1/9

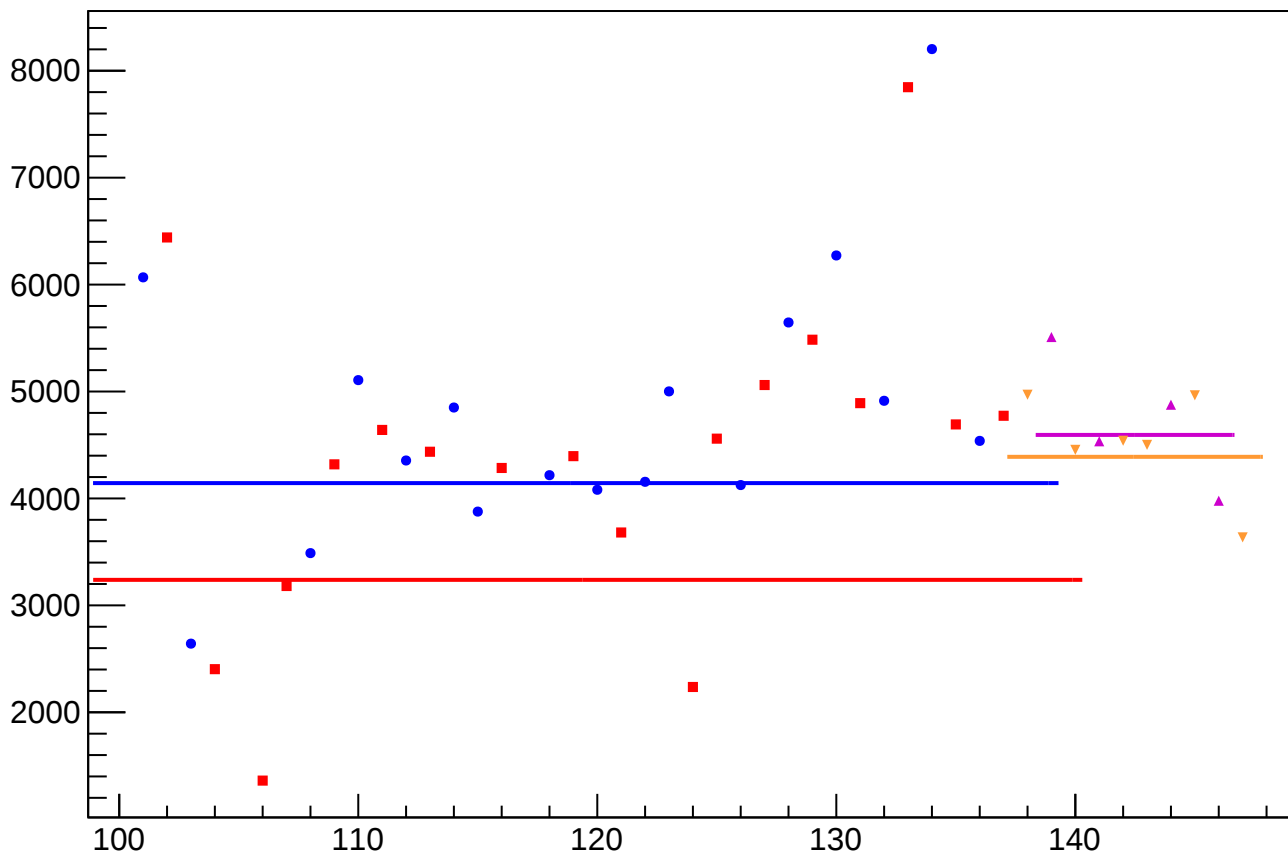
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -1195.479 $\pm$ 1389.626 χ^2 /NDF: 16.5/20

Out: 644.136 $\pm$ 1149.389 χ^2 /NDF: 24.1/23

All: -103.156 $\pm$ 885.685 χ^2 /NDF: 41.7/44

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2/NDF : 855972.6/16

Left Out: 4389.252 $\pm$ 1.516 χ^2/NDF : 109421.9/5

Right Out: 3238.590 $\pm$ 0.963 χ^2/NDF : 2581960.1/17

Left In: 4594.103 $\pm$ 1.801 χ^2/NDF : 88819.4/3

Left: 4474.163 $\pm$ 1.160 χ^2/NDF : 205812.1/9

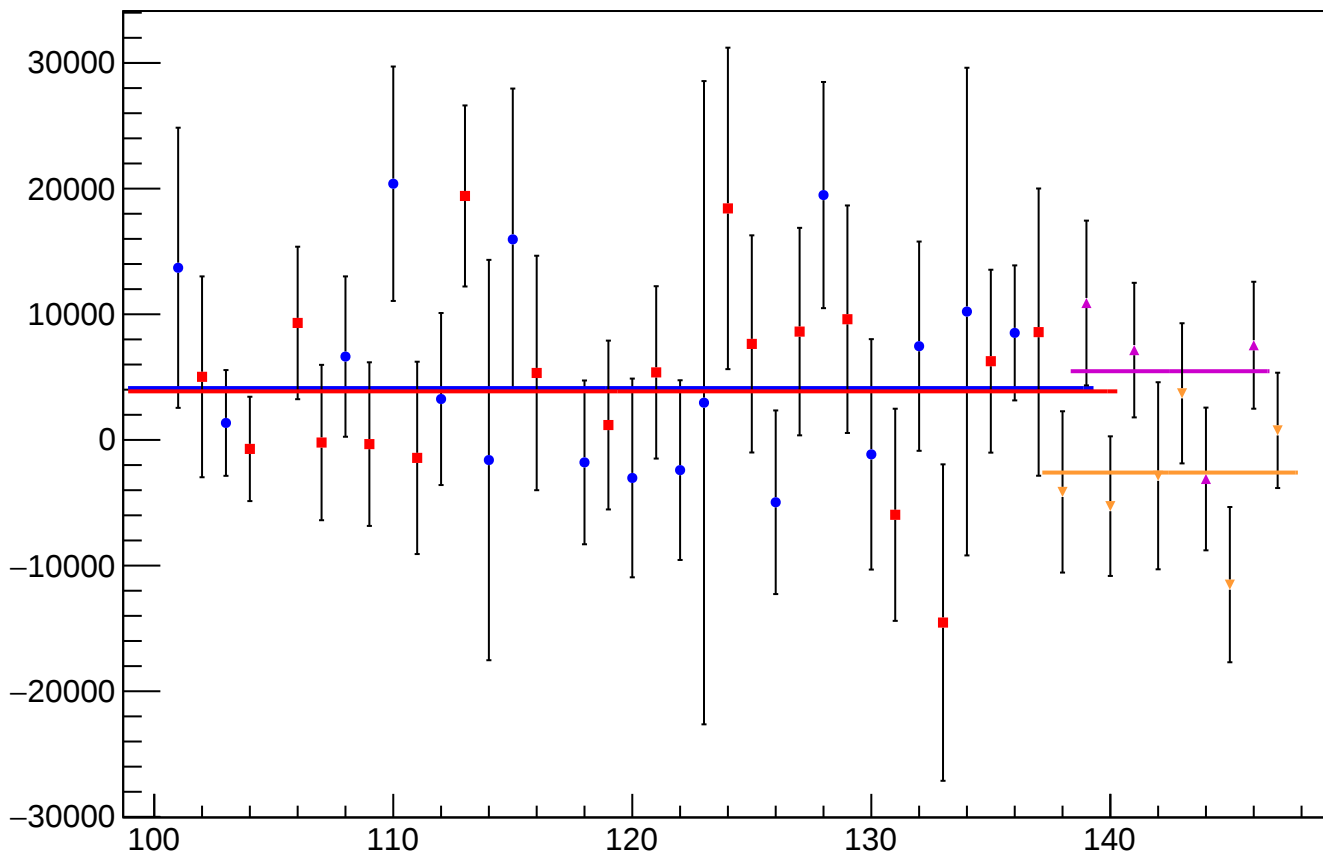
Right: 3603.092 $\pm$ 0.744 χ^2/NDF : 3793704.0/34

In: 4277.545 $\pm$ 0.983 χ^2/NDF : 988747.1/20

Out: 3569.413 $\pm$ 0.813 χ^2/NDF : 3101982.9/23

All: 3857.072 $\pm$ 0.626 χ^2/NDF : 4399110.9/44

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: 5469.066 $\pm$ 2791.218 χ^2 /NDF: 3.2/3

Left: 754.304 $\pm$ 1799.157 χ^2 /NDF: 12.3/9

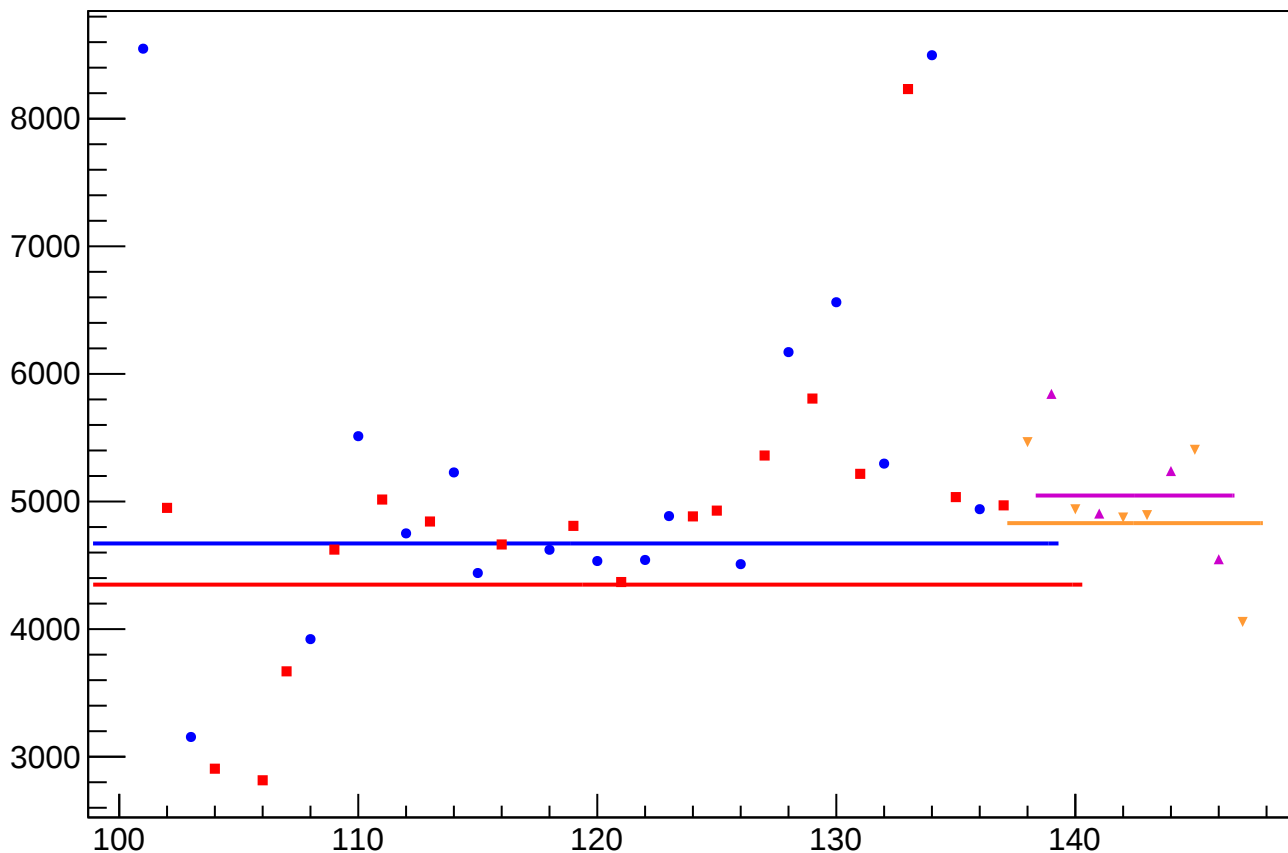
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 4540.380 $\pm$ 1549.584 χ^2 /NDF: 17.1/20

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

All: 2915.435 $\pm$ 1035.766 χ^2 /NDF: 42.4/44

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: 5046.922 $\pm$ 1.974 χ^2/NDF : 52750.8/3

Left: 4920.470 $\pm$ 1.272 χ^2/NDF : 154675.5/9

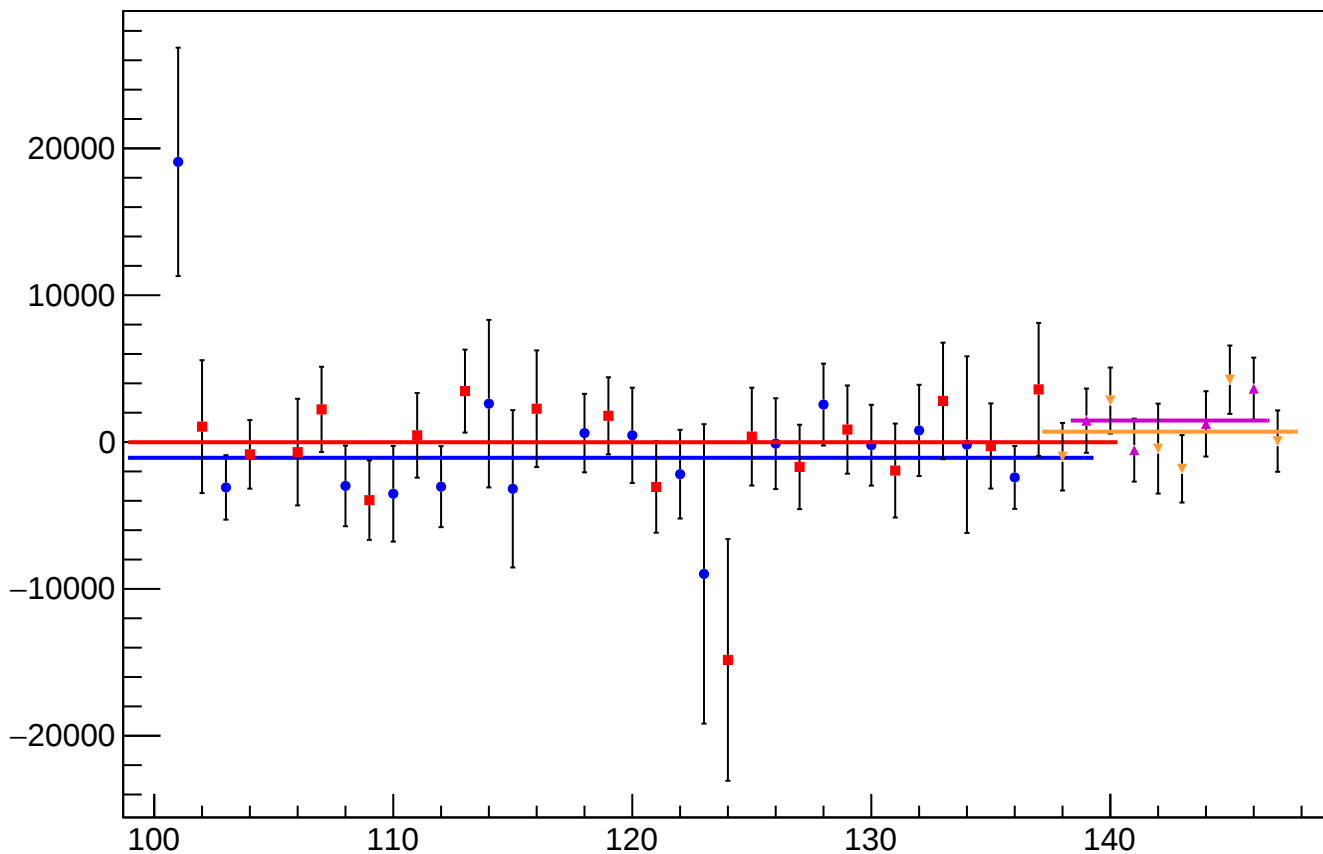
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4787.083 $\pm$ 1.096 χ^2/NDF : 863916.7/20

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

All: 4636.710 $\pm$ 0.731 χ^2/NDF : 1839888.6/44

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: 1466.296 ± 1082.629 $\chi^2/\text{NDF}: 2.0/3$

Left: 1040.211 ± 716.084 $\chi^2/\text{NDF}: 7.4/9$

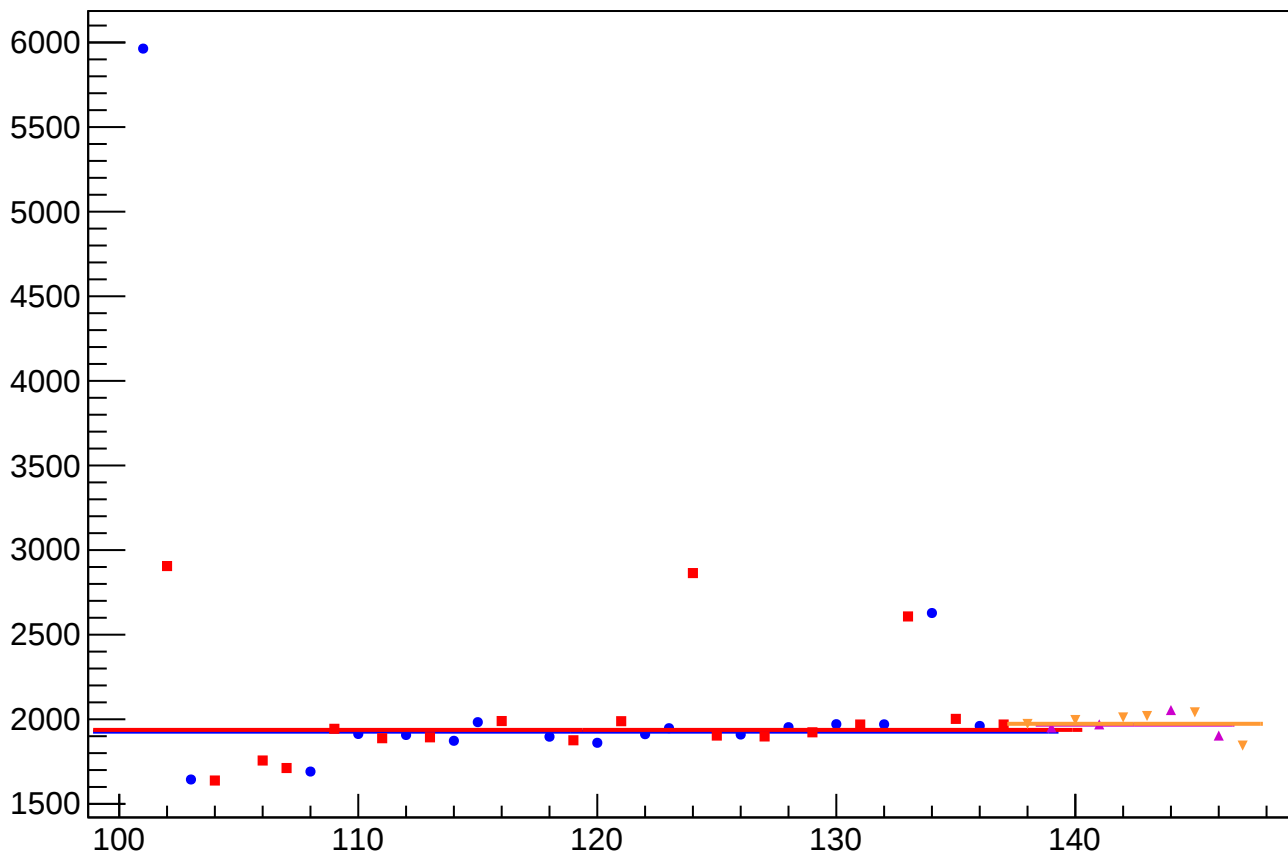
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -229.183 ± 623.658 $\chi^2/\text{NDF}: 19.3/20$

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

All: 31.607 ± 428.162 $\chi^2/\text{NDF}: 36.6/44$

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: 1968.231+/-0.766 χ^2/NDF : 4993.5/3

Left: 1971.081+/-0.506 χ^2/NDF : 15621.1/9

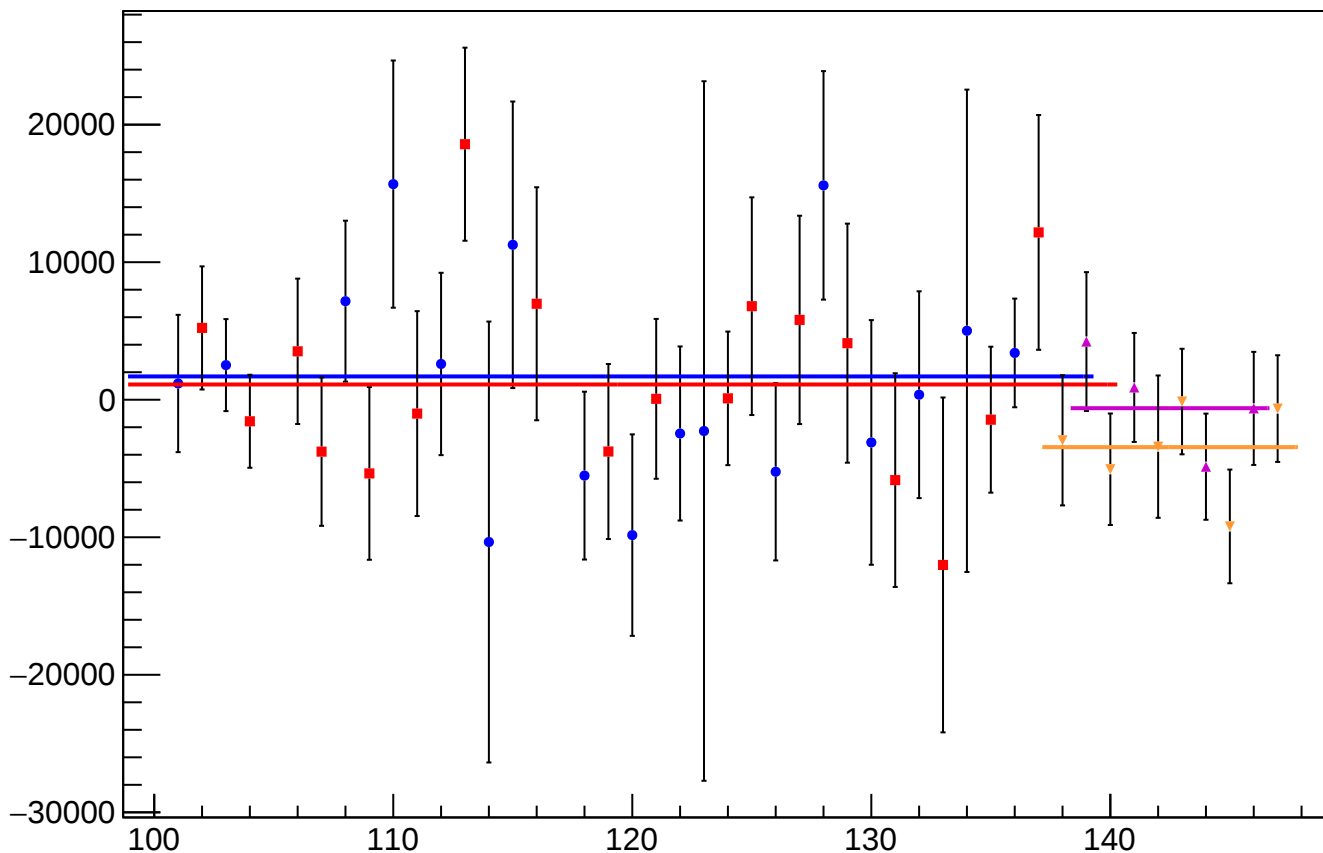
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1940.609+/-0.441 χ^2/NDF : 624058.2/20

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

All: 1946.088+/-0.303 χ^2/NDF : 865797.0/44

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -3447.958+/-1725.536 χ^2/NDF : 3.4/5

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: -616.102+/-2088.635 χ^2/NDF : 2.3/3

Left: -2299.195+/-1330.278 χ^2/NDF : 6.8/9

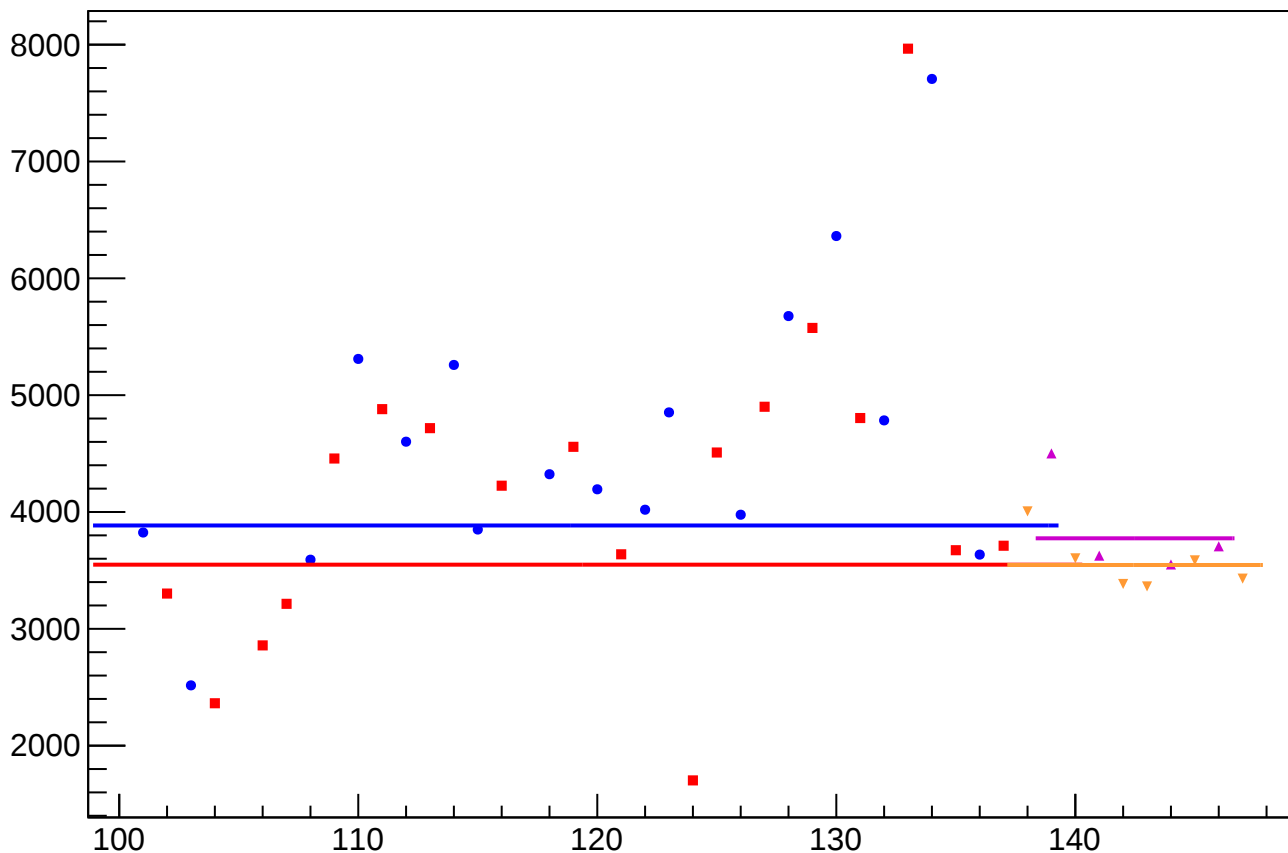
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 872.238+/-1245.702 χ^2/NDF : 16.7/20

Out: -720.329+/-1093.089 χ^2/NDF : 23.4/23

All: -27.524+/-821.619 χ^2/NDF : 41.0/44

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 3546.404 $\pm$ 1.220 χ^2 /NDF:27743.1/5

Right Out: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

Left In: 3774.749 $\pm$ 1.477 χ^2 /NDF:51535.4/3

Left: 3639.034 $\pm$ 0.941 χ^2 /NDF: 93486.2/9

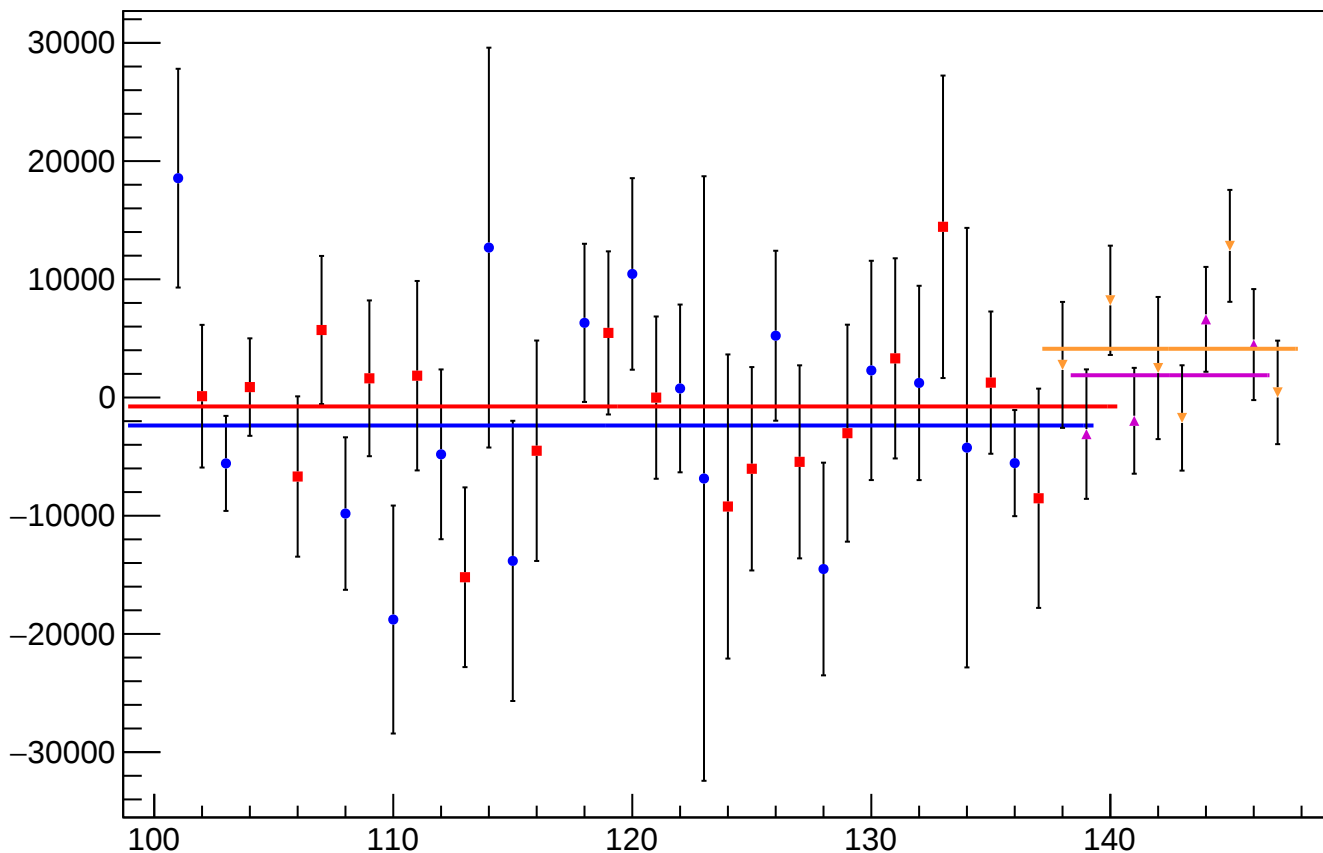
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 3845.526 $\pm$ 0.881 χ^2 /NDF:881663.7/20

Out: 3548.038 $\pm$ 0.773 χ^2 /NDF:1354693.7/23

All: 3677.452 $\pm$ 0.581 χ^2 /NDF: 2300799.7/44

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

Left: 3201.657 $\pm$ 1514.074 χ^2 /NDF: 10.3/9

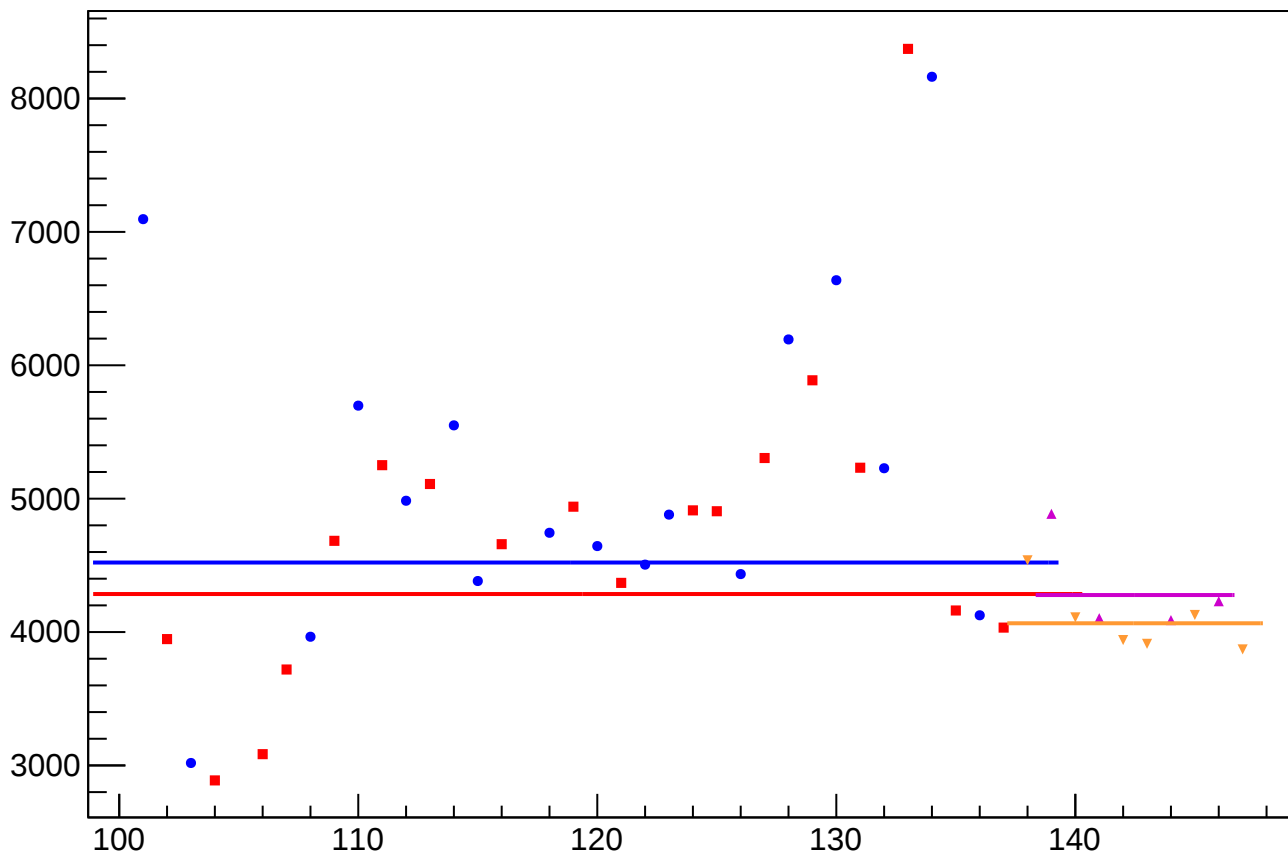
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -802.745 $\pm$ 1432.376 χ^2 /NDF: 25.2/20

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

All: 369.465 $\pm$ 956.492 χ^2 /NDF: 47.2/44

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4065.836+/-1.395 χ^2/NDF : 23488.4/5

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

Left In: 4277.504+/-1.669 χ^2/NDF : 31509.7/3

Left: 4152.898+/-1.071 χ^2/NDF : 64462.7/9

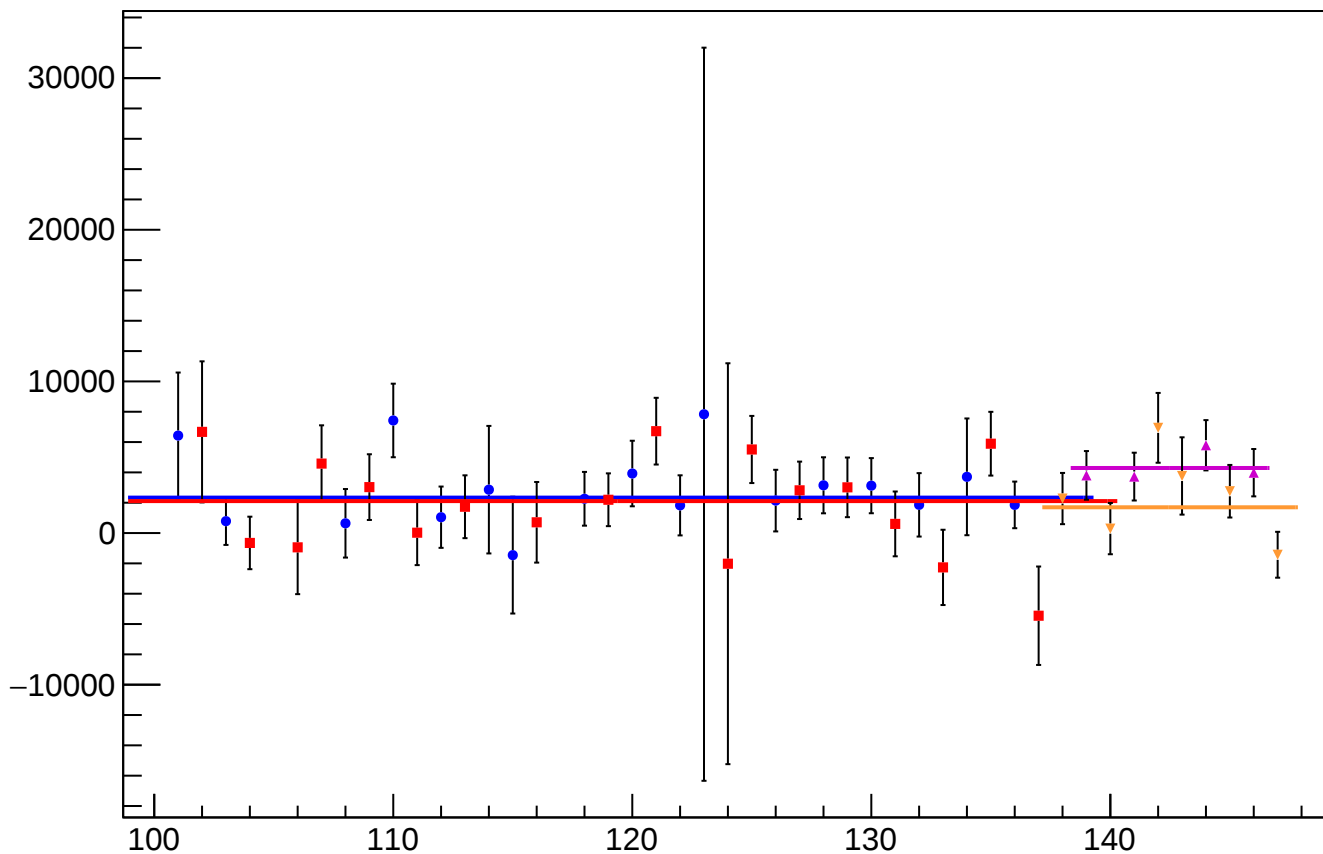
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4431.508+/-1.013 χ^2/NDF : 823654.0/20

Out: 4192.710+/-0.906 χ^2/NDF : 784174.7/23

All: 4298.813+/-0.675 χ^2/NDF : 1638717.9/44

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: 4290.684 $\pm$ 799.434 χ^2 /NDF:1.1/3

Left: 2899.546 $\pm$ 544.099 χ^2 /NDF: 18.0/9

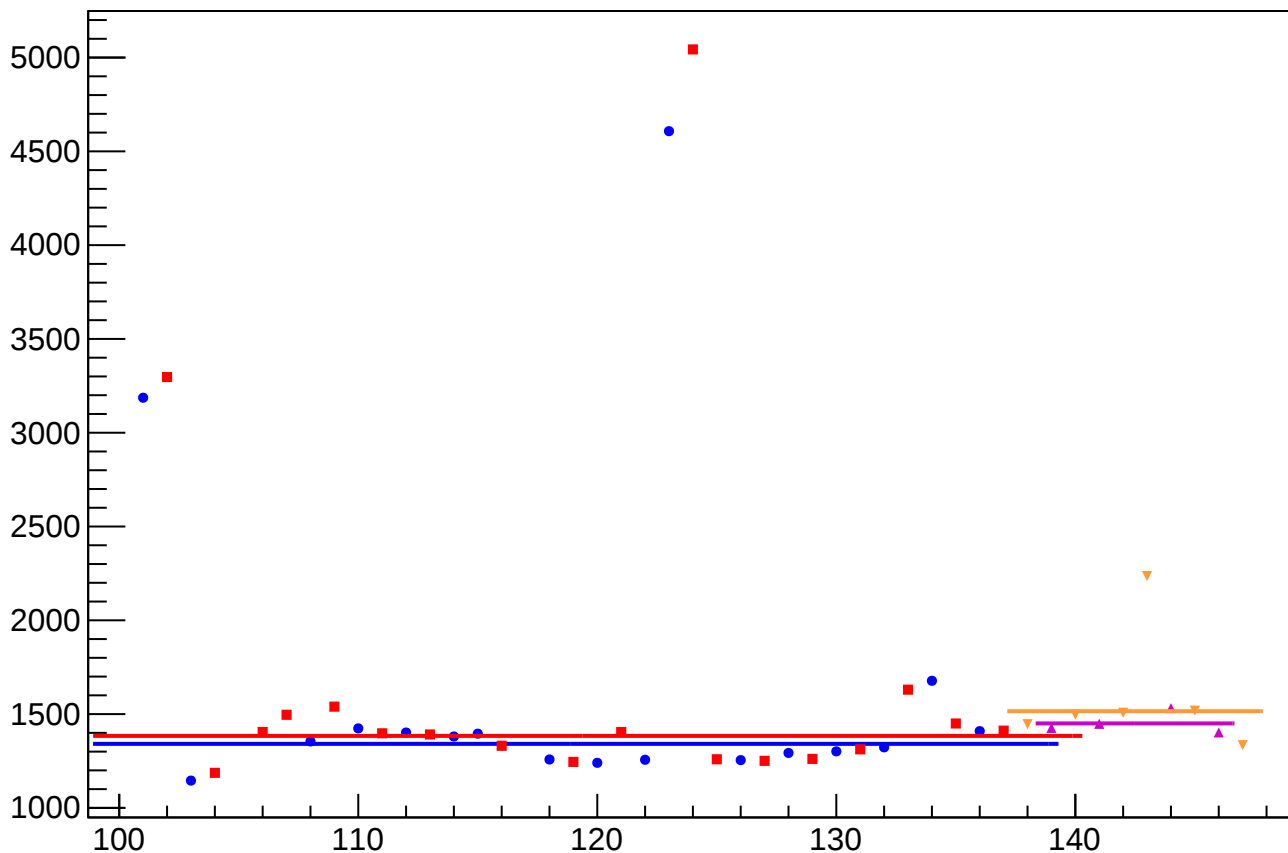
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2935.267 $\pm$ 442.394 χ^2 /NDF:14.9/20

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

All: 2444.235 $\pm$ 310.730 χ^2 /NDF: 55.1/44

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: 1450.243+/-0.565 χ^2/NDF :7182.0/3

Left: 1485.240+/-0.385 χ^2/NDF : 206363.6/9

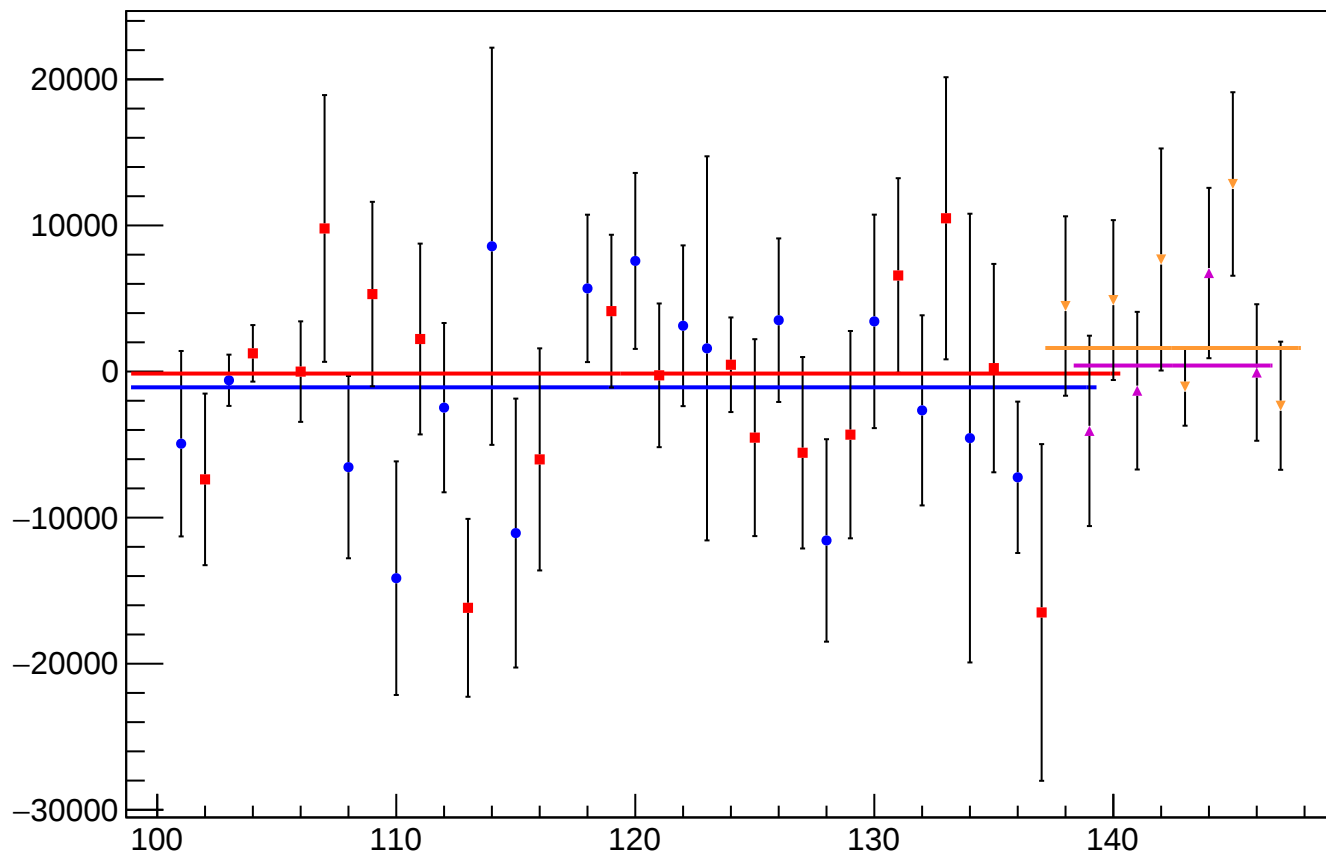
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1374.713+/-0.313 χ^2/NDF :537186.9/20

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

All: 1402.396+/-0.220 χ^2/NDF : 1379595.2/44

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: 410.230+/-2740.918 χ^2/NDF : 1.8/3

Left: 1237.125+/-1529.473 χ^2/NDF : 8.1/9

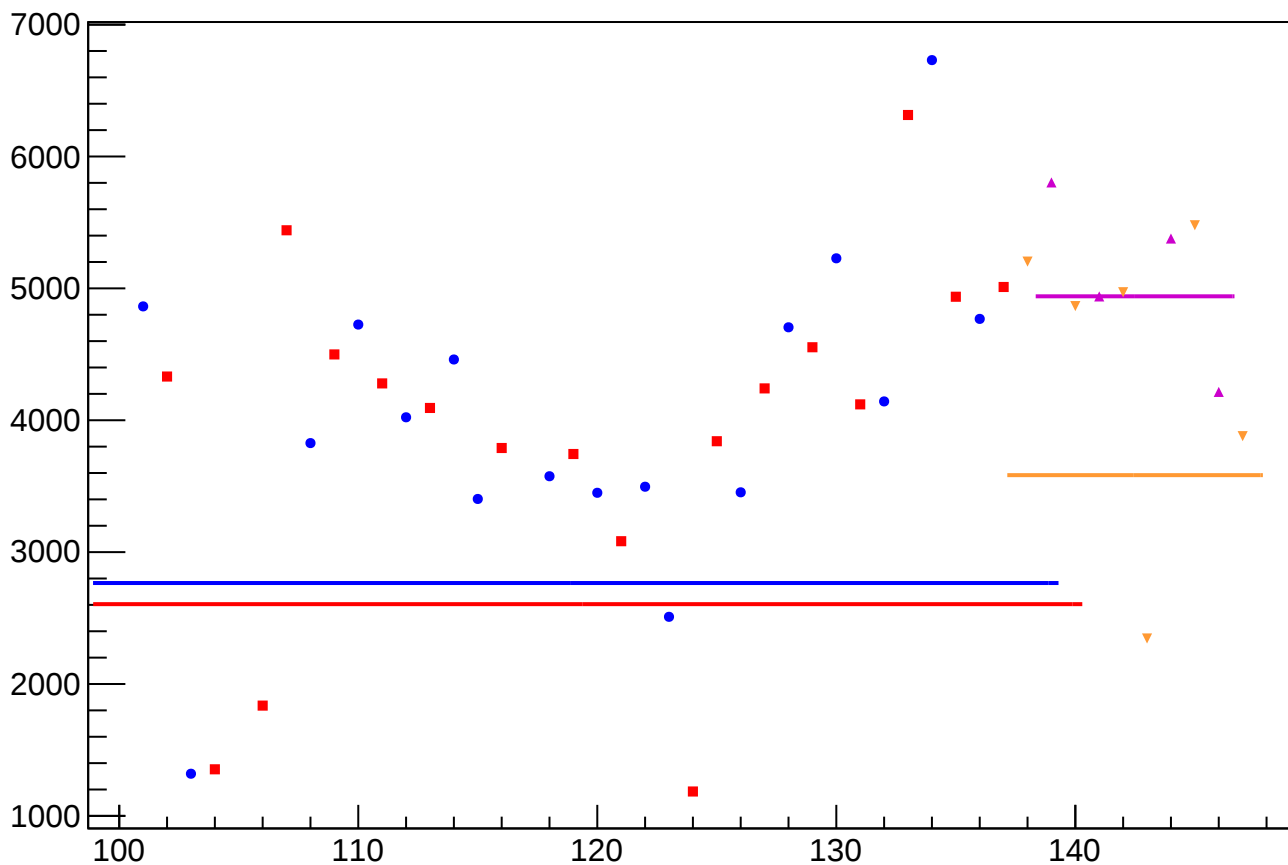
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -837.013+/-1108.759 χ^2/NDF : 17.0/20

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

All: -166.753+/-727.027 χ^2/NDF : 42.5/44

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: 4939.798 $\pm$ 1.938 χ^2 /NDF: 94538.7/3

Left: 4005.975 $\pm$ 1.082 χ^2 /NDF: 1367071.8/9

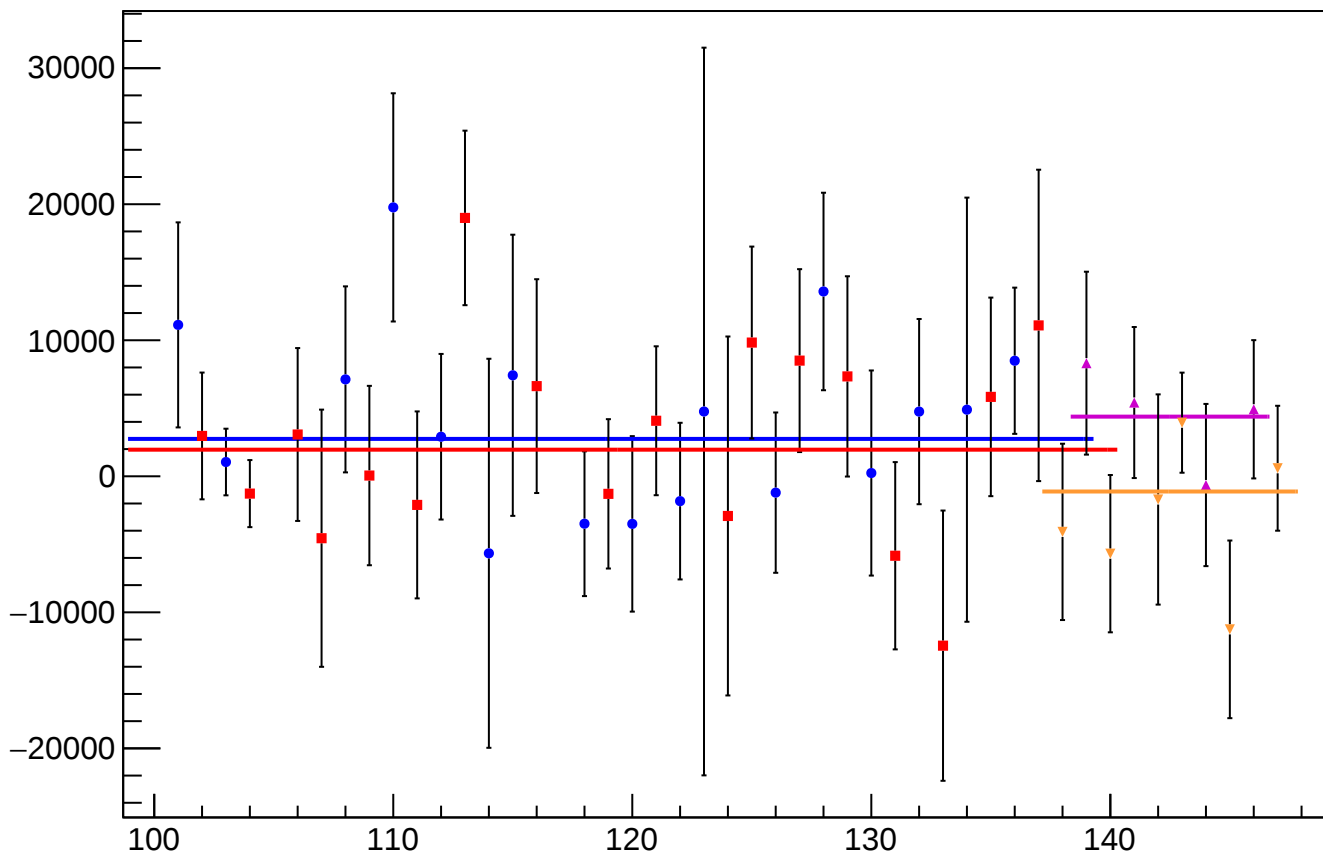
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3121.493 $\pm$ 0.784 χ^2 /NDF: 4086010.8/20

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

All: 2979.573 $\pm$ 0.514 χ^2 /NDF: 8810814.1/44

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: 4385.899+/-2869.744 χ^2/NDF : 1.1/3

Left: 867.025+/-1723.447 χ^2/NDF : 8.7/9

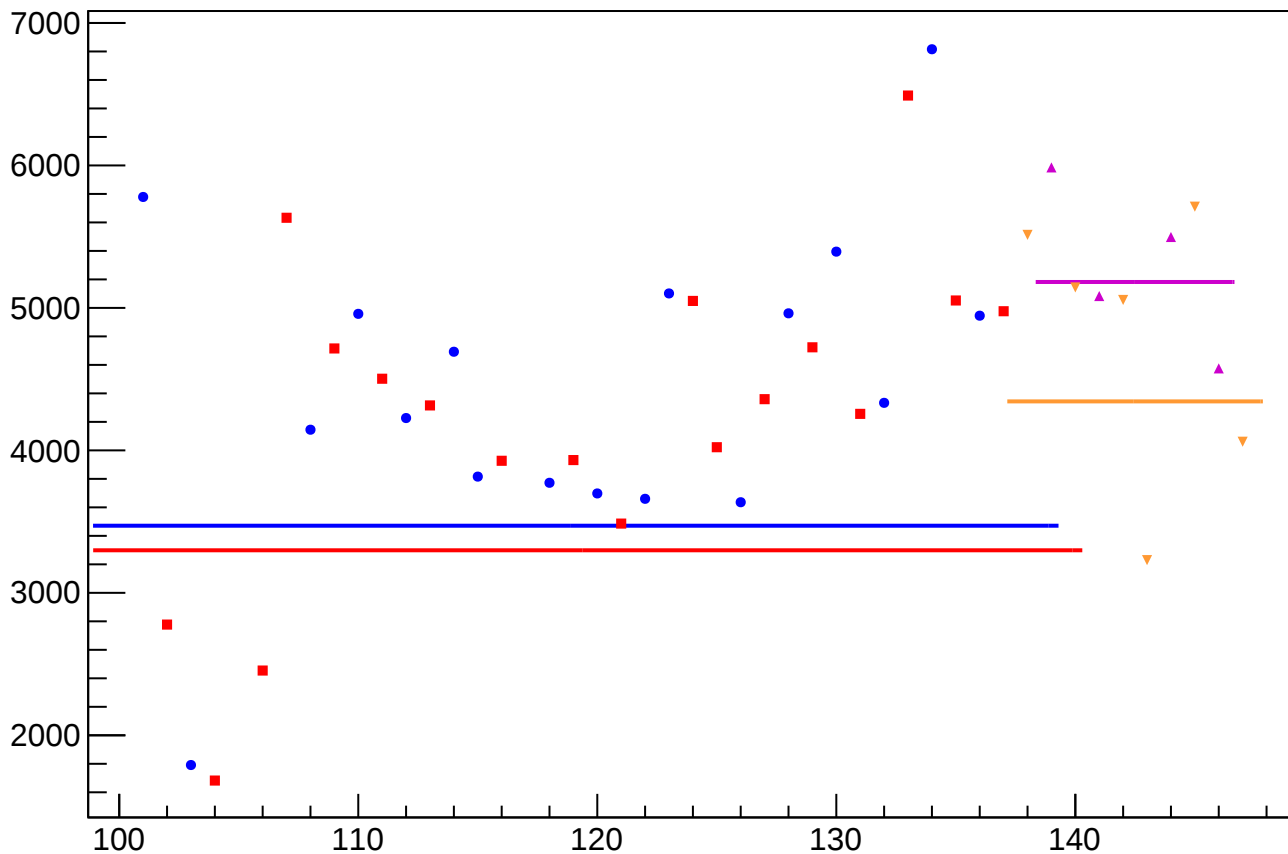
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 3080.104+/-1291.787 χ^2/NDF : 15.1/20

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

All: 1964.916+/-865.048 χ^2/NDF : 41.0/44

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

Left: 4646.102+/-1.219 χ^2/NDF : 571445.7/9

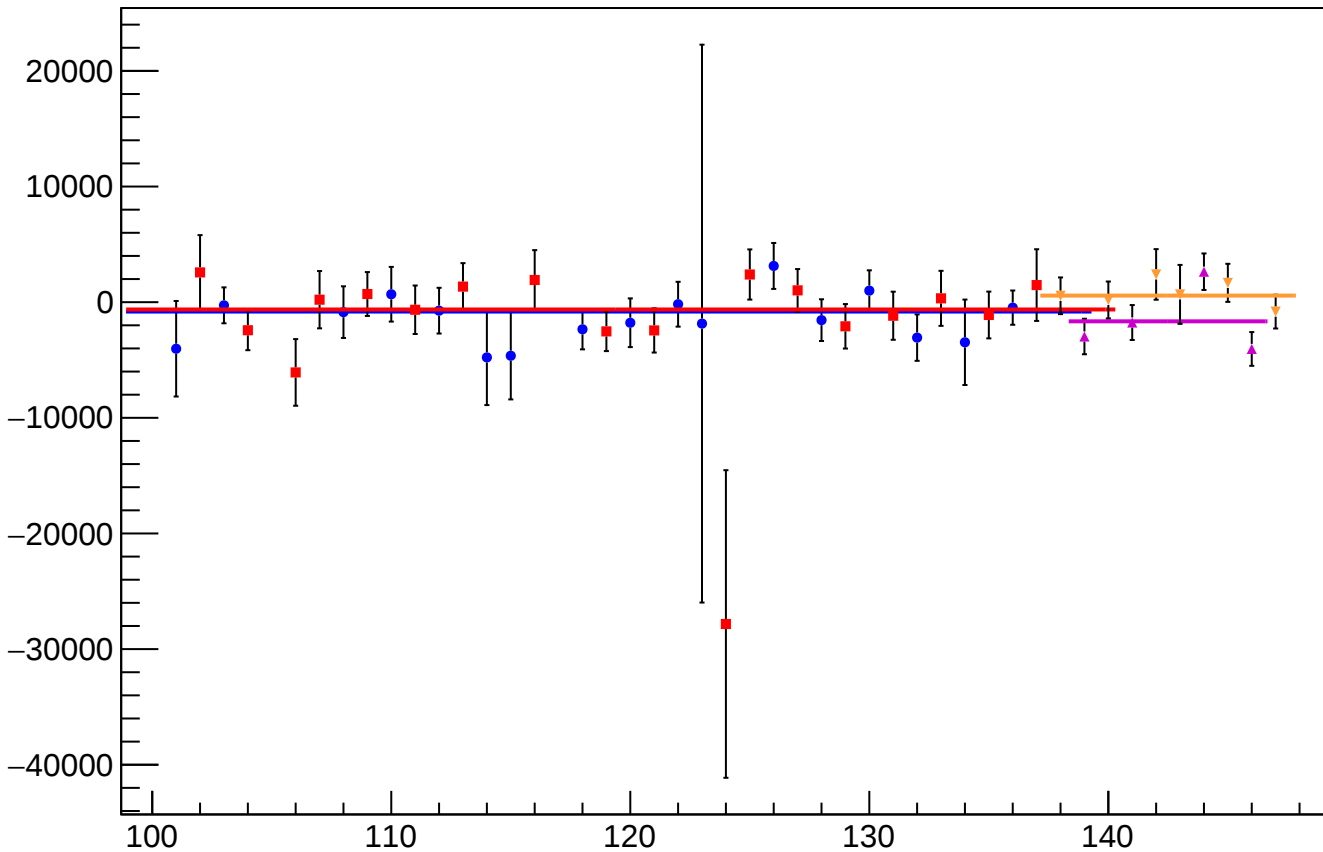
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3817.797+/-0.913 χ^2/NDF : 2398025.8/20

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

All: 3696.905+/-0.609 χ^2/NDF : 5049338.8/44

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: -1656.152+/-759.378 χ^2/NDF :10.8/3

Left: -465.762 ± 518.042 χ^2/NDF : 17.5/9

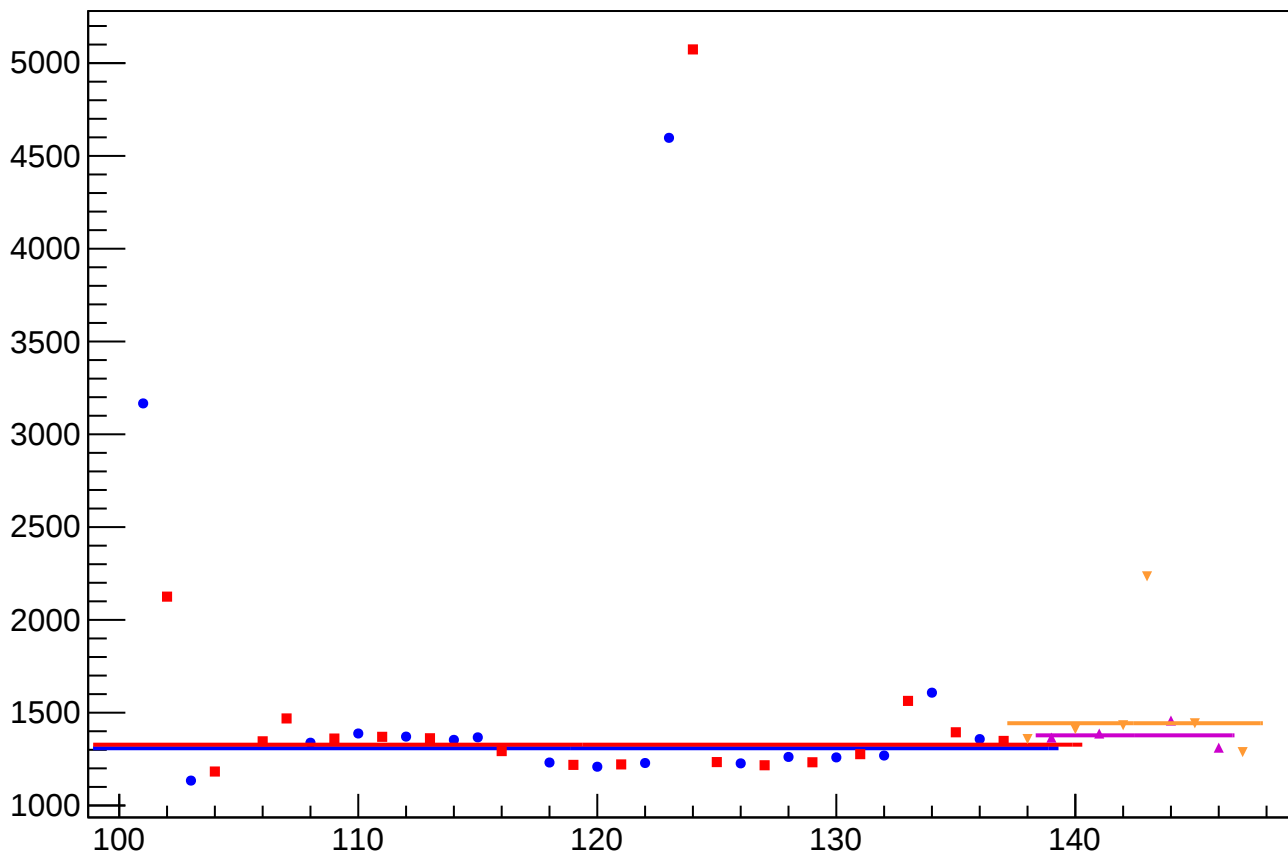
Right: -719.271 ± 365.258 χ^2/NDF : 29.8/34

In: -1078.160+/-428.029 χ^2/NDF :22.8/20

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

All: -635.092 ± 298.518 χ^2/NDF : 47.5/44

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1443.255+/-0.501 χ^2/NDF :222315.1/5

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1377.946+/-0.537 χ^2/NDF :9458.5/3

Left: 1412.861+/-0.366 χ^2/NDF : 239682.4/9

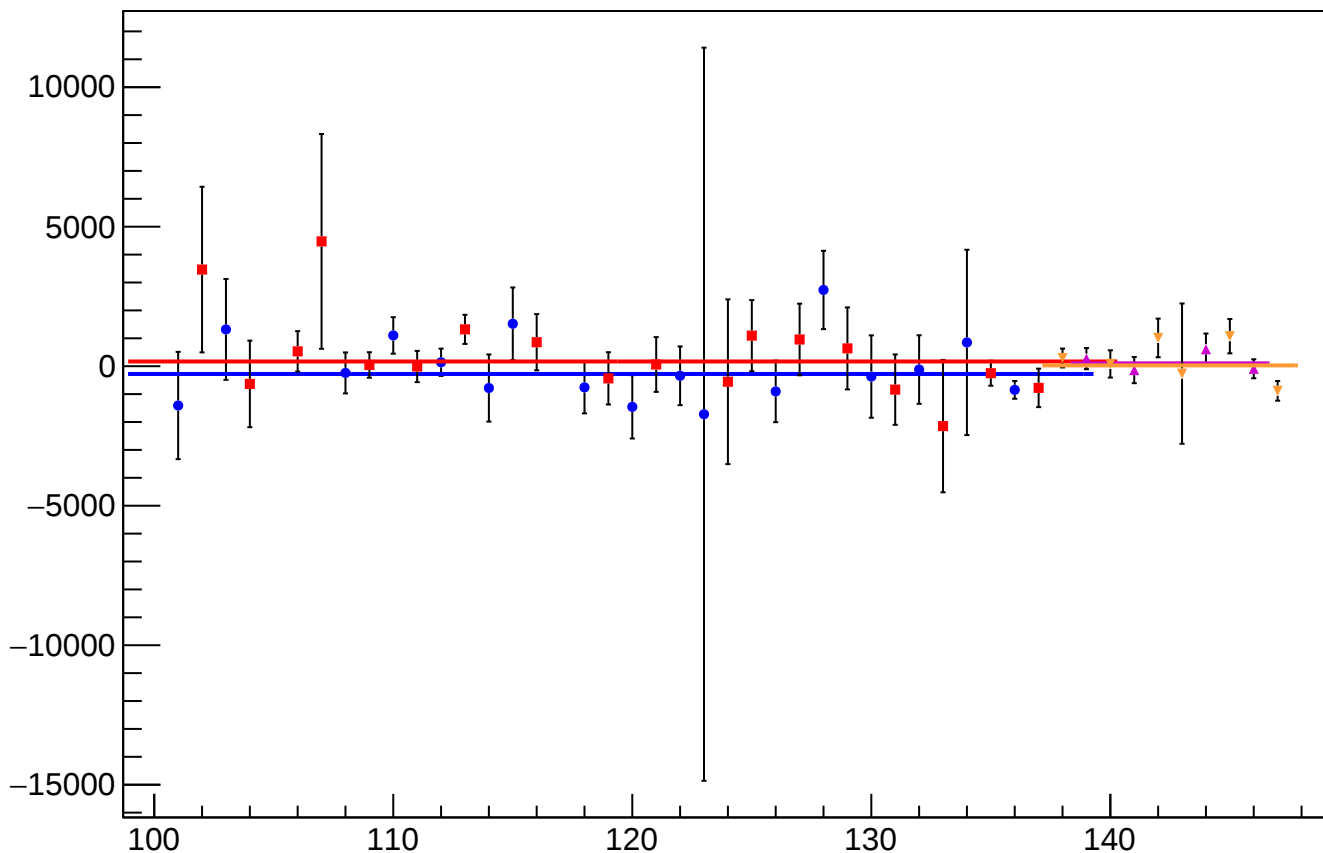
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1330.472+/-0.303 χ^2/NDF :527459.8/20

Out: 1367.605+/-0.295 χ^2/NDF :614490.5/23

All: 1349.544+/-0.211 χ^2/NDF : 1149681.1/44

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: 102.284+/-207.012 χ^2/NDF : 1.6/3

Left: 63.703+/-142.636 χ^2/NDF : 13.9/9

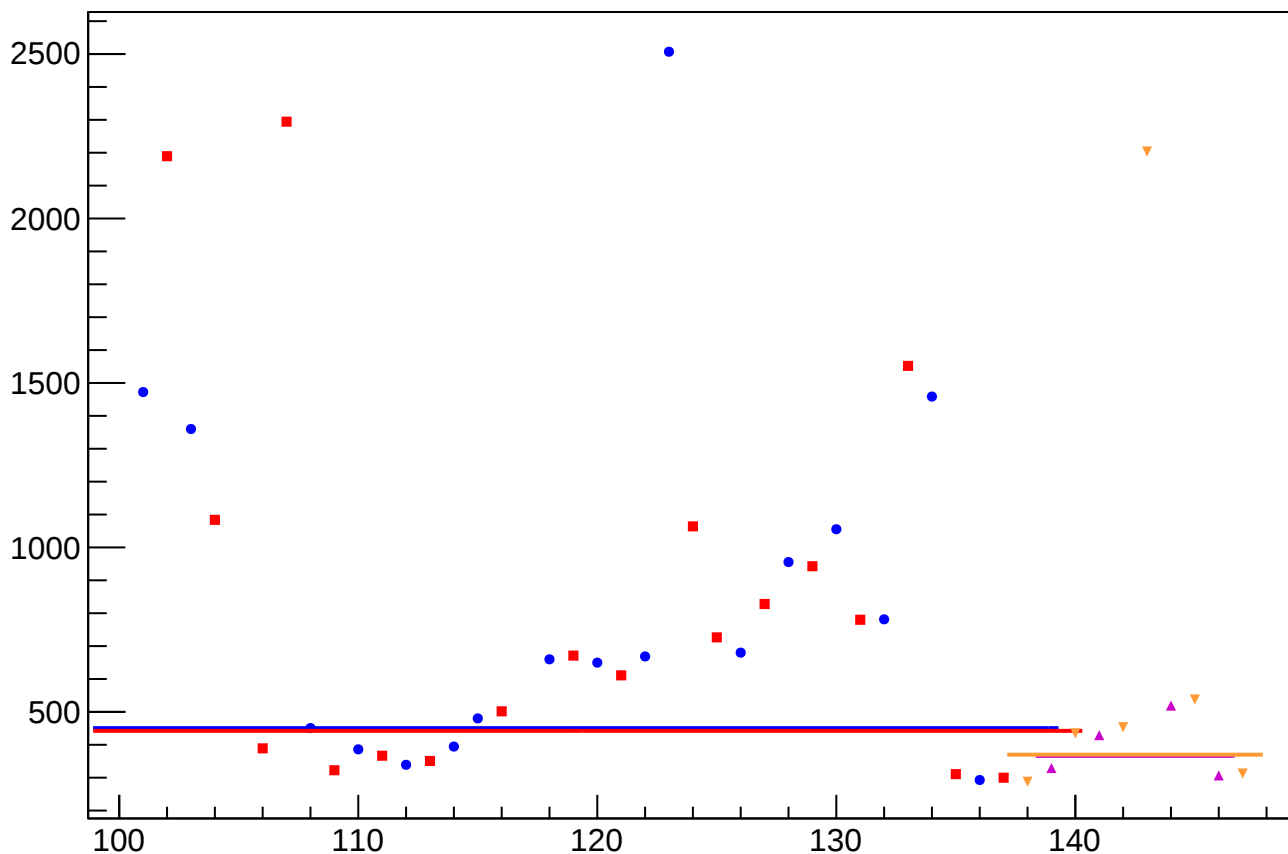
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -96.569+/-143.133 χ^2/NDF : 21.4/20

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

All: 5.987+/-99.201 χ^2/NDF : 49.2/44

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: 366.202+/-0.146 χ^2/NDF : 263973.5/3

Left: 368.147+/-0.101 χ^2/NDF : 1711611.8/9

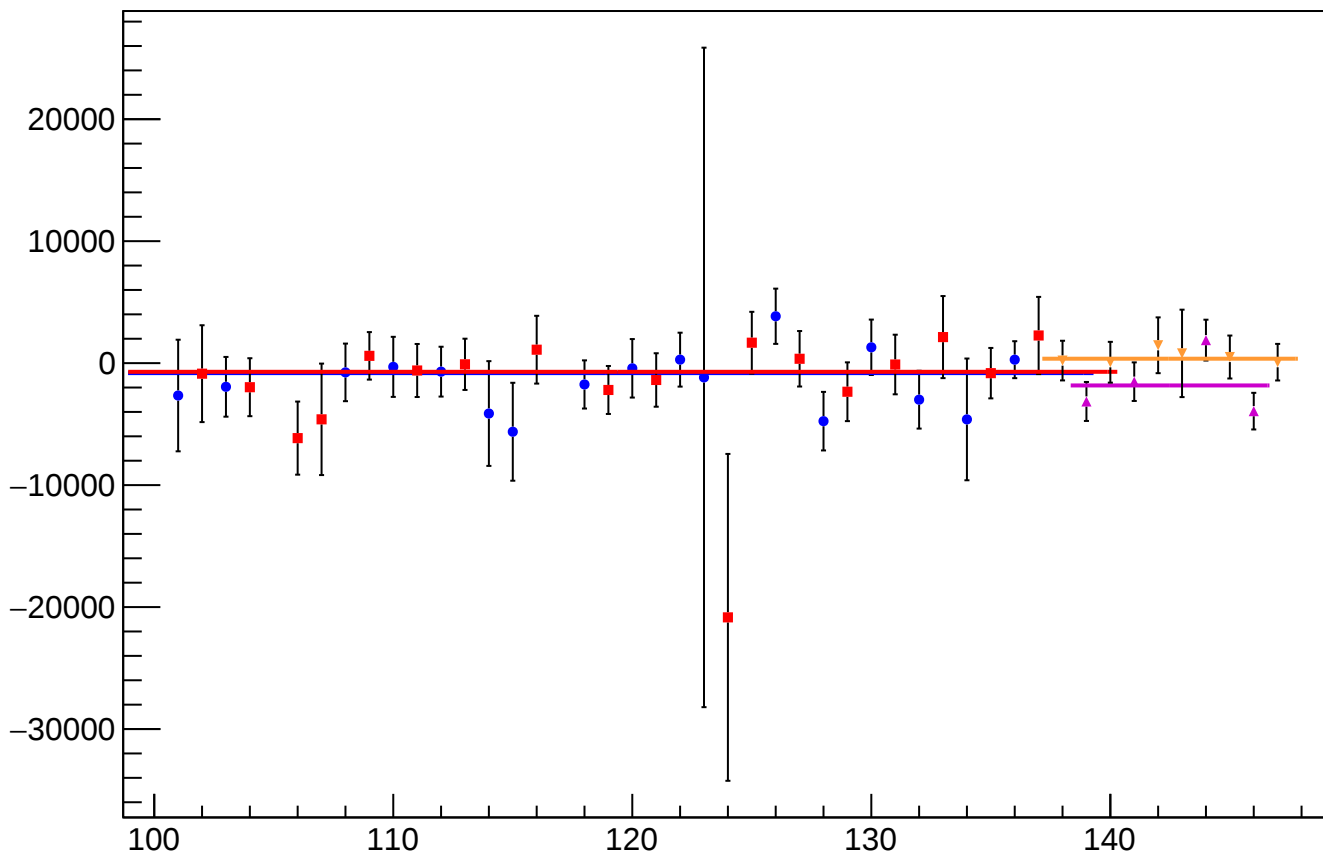
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 410.250+/-0.101 χ^2/NDF : 3435194.1/20

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

All: 408.530+/-0.070 χ^2/NDF : 8389953.9/44

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: -1828.923+/-792.632 χ^2/NDF : 7.6/3

Left: -674.091+/-545.265 χ^2/NDF : 12.0/9

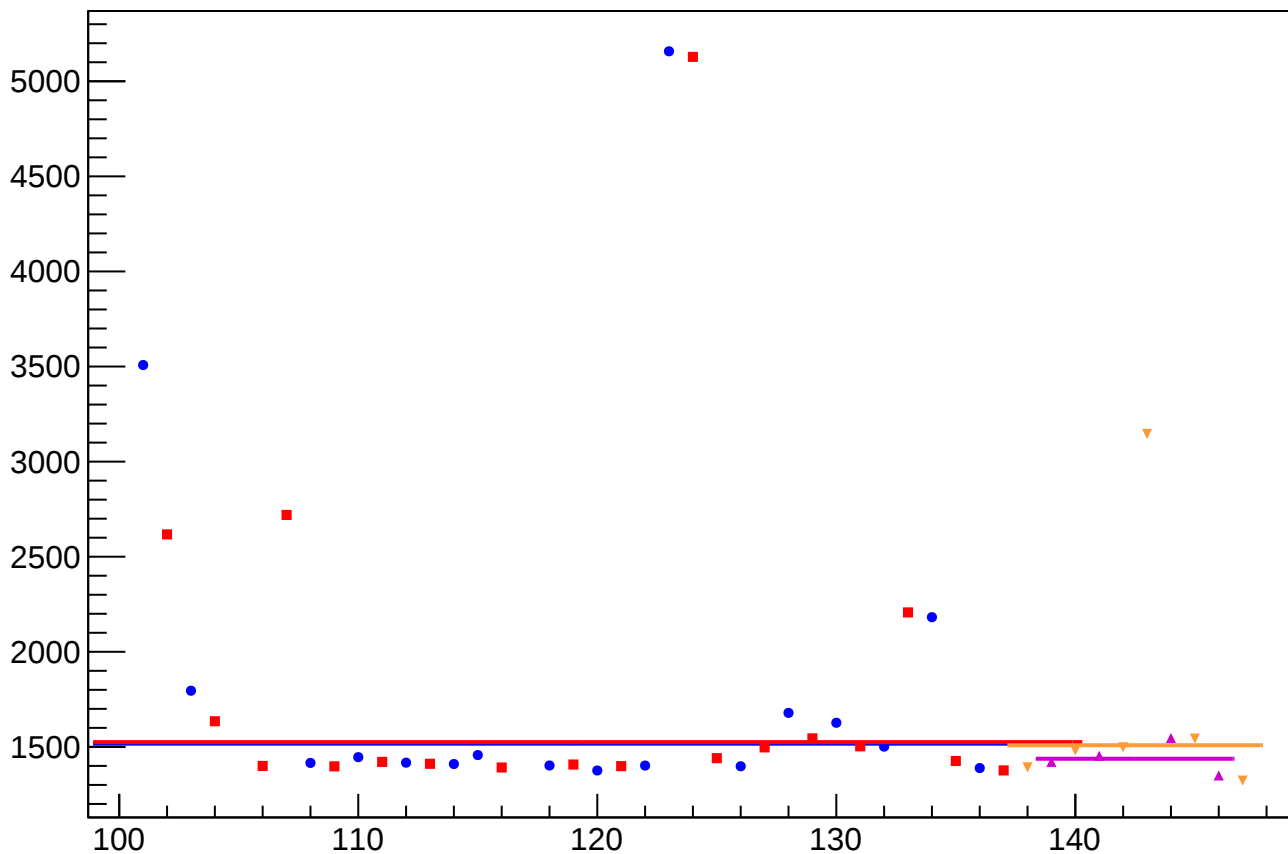
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -1186.585+/-478.976 χ^2/NDF : 21.3/20

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

All: -729.827+/-334.353 χ^2/NDF : 36.1/44

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: 1437.661 $\pm$ 0.560 χ^2 /NDF:15766.7/3

Left: 1475.120 $\pm$ 0.386 χ^2 /NDF: 483888.7/9

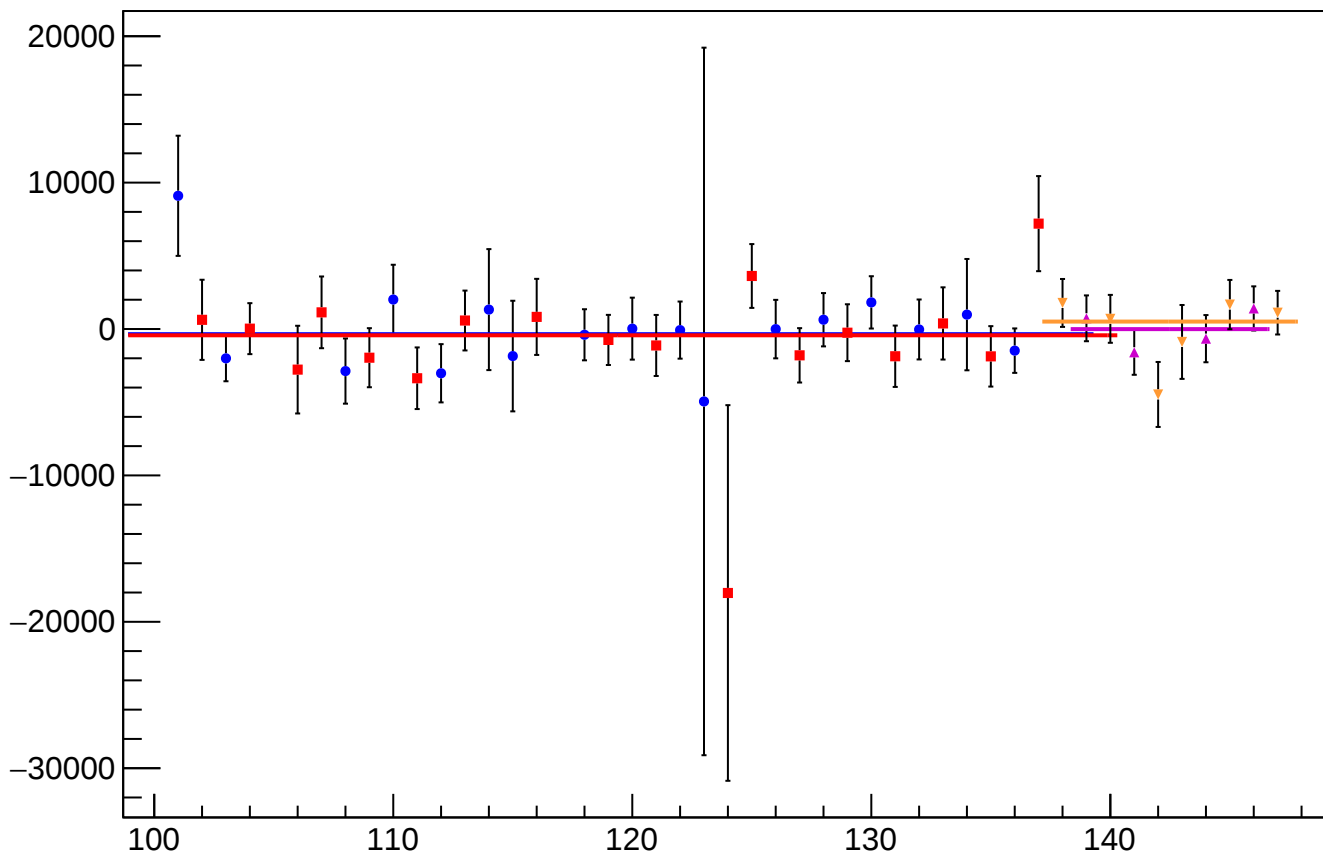
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1487.987 $\pm$ 0.339 χ^2 /NDF:569506.5/20

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

All: 1503.781 $\pm$ 0.236 χ^2 /NDF: 1605899.3/44

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 507.907 ± 723.425 $\chi^2/\text{NDF}: 6.6/5$

Right Out: -429.167 ± 522.342 $\chi^2/\text{NDF}: 16.8/17$

Left In: -7.355 ± 776.994 $\chi^2/\text{NDF}: 2.3/3$

Left: 268.649 ± 529.465 $\chi^2/\text{NDF}: 9.2/9$

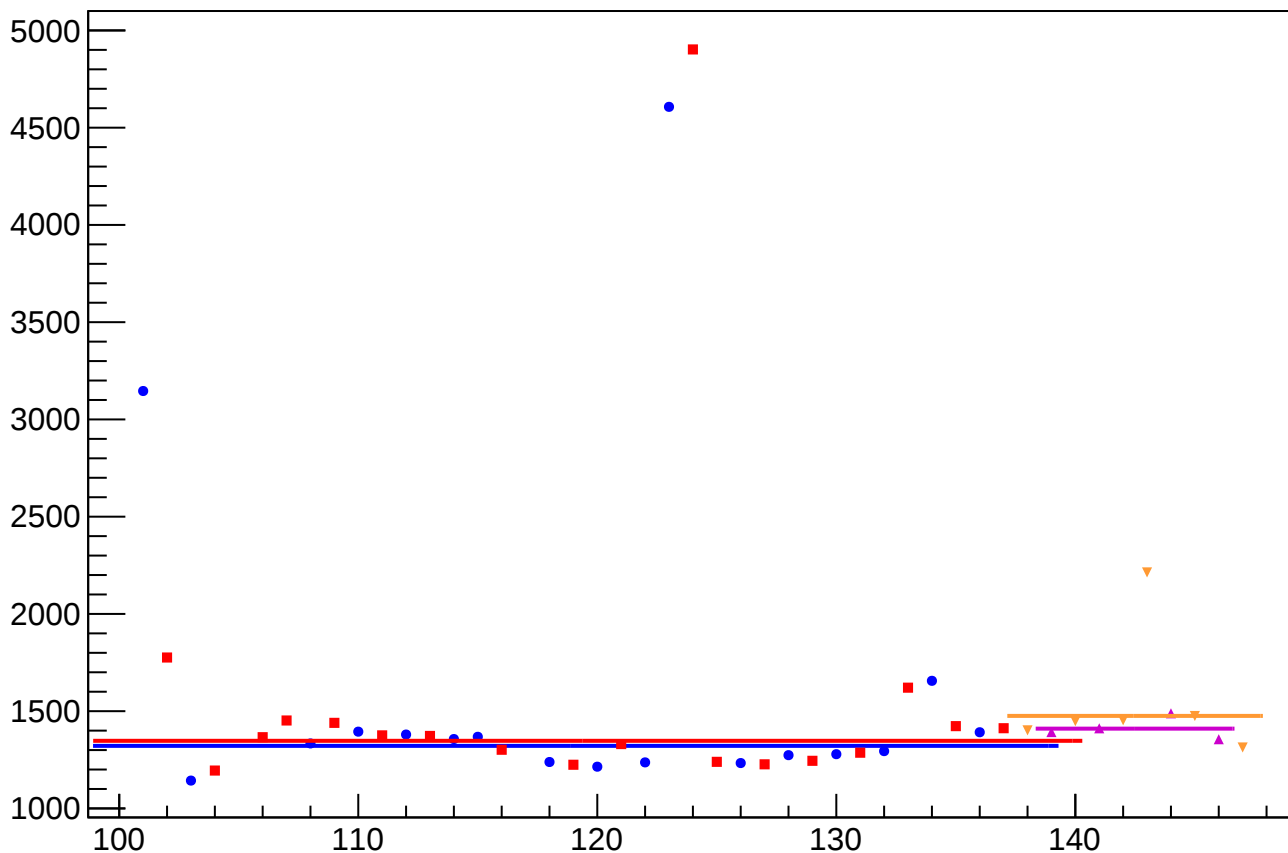
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -245.225 ± 434.054 $\chi^2/\text{NDF}: 15.9/20$

Out: -108.046 ± 423.488 $\chi^2/\text{NDF}: 24.5/23$

All: -174.945 ± 303.118 $\chi^2/\text{NDF}: 40.5/44$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2/NDF : 502245.7/16

Left Out: 1475.731 $\pm$ 0.512 χ^2/NDF : 199501.1/5

Right Out: 1347.646 $\pm$ 0.369 χ^2/NDF : 286301.2/17

Left In: 1410.196 $\pm$ 0.549 χ^2/NDF : 7637.6/3

Left: 1445.300 $\pm$ 0.374 χ^2/NDF : 214760.0/9

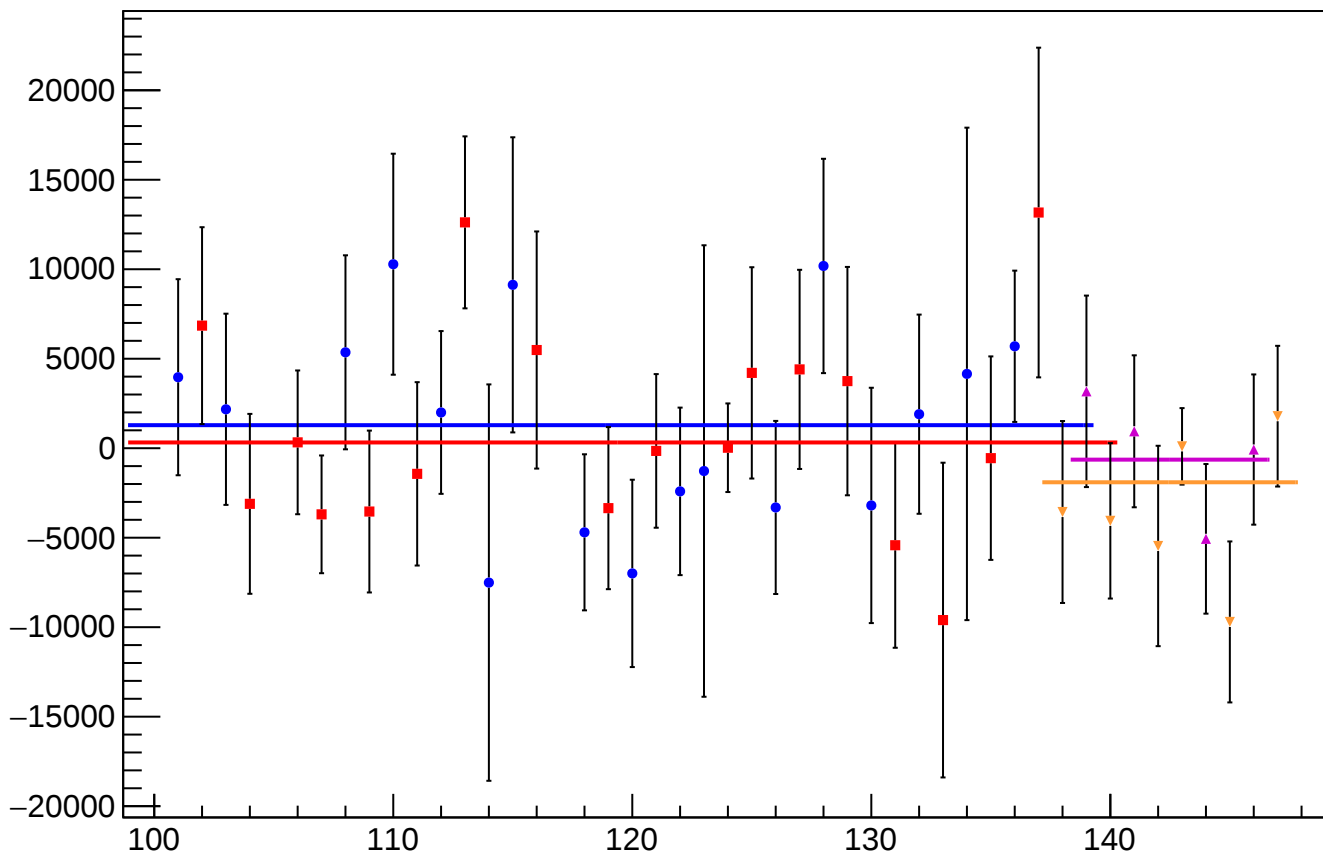
Right: 1334.706 $\pm$ 0.261 χ^2/NDF : 791010.5/34

In: 1349.318 $\pm$ 0.307 χ^2/NDF : 527730.0/20

Out: 1391.507 $\pm$ 0.299 χ^2/NDF : 527028.6/23

All: 1370.940 $\pm$ 0.214 χ^2/NDF : 1064442.0/44

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: -638.598+/-2211.774 χ^2/NDF : 1.8/3

Left: -1512.047+/-1229.959 χ^2/NDF : 7.5/9

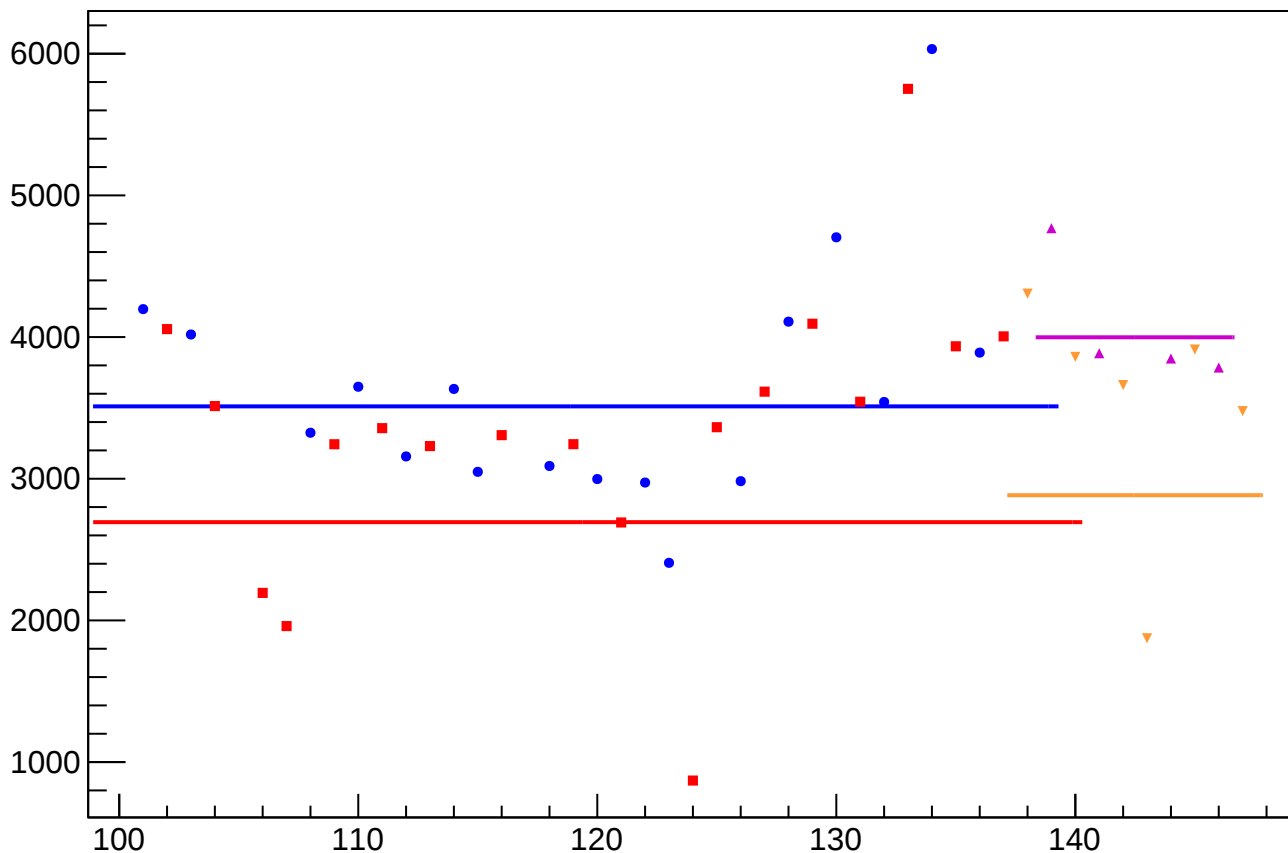
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 750.121+/-1168.263 χ^2/NDF : 16.6/20

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

All: -28.058+/-705.799 χ^2/NDF : 41.9/44

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 2883.788+/-1.046 χ^2/NDF : 892566.6/5

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 3998.293+/-1.564 χ^2/NDF : 50583.2/3

Left: 3228.441+/-0.870 χ^2/NDF : 1293931.8/9

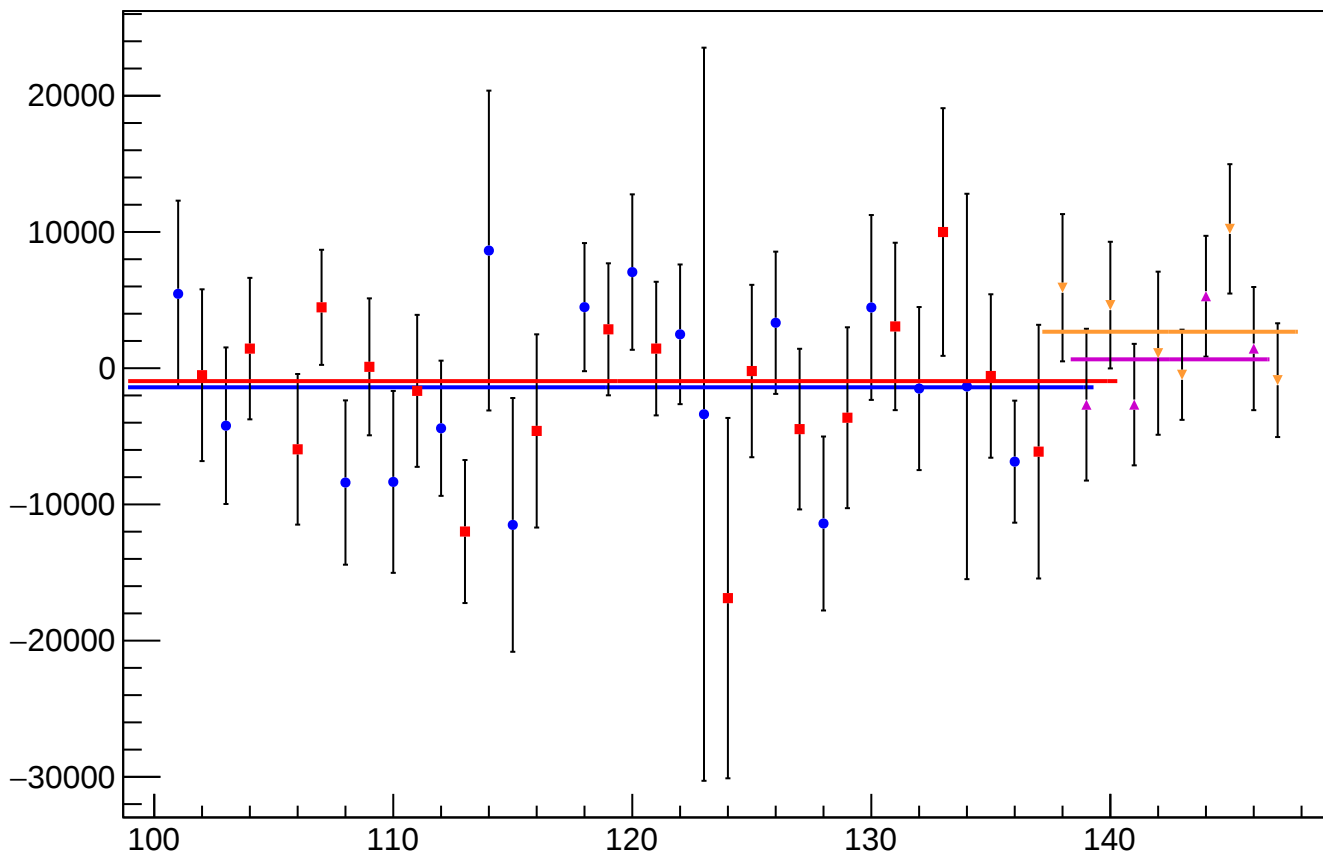
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3646.808+/-0.826 χ^2/NDF : 464690.1/20

Out: 2761.663+/-0.626 χ^2/NDF : 3039630.7/23

All: 3084.732+/-0.499 χ^2/NDF : 4233373.5/44

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 2676.825 ± 1821.725 $\chi^2/\text{NDF}: 4.8/5$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: 651.079 ± 2342.142 $\chi^2/\text{NDF}: 2.0/3$

Left: 1913.244 ± 1437.965 $\chi^2/\text{NDF}: 7.3/9$

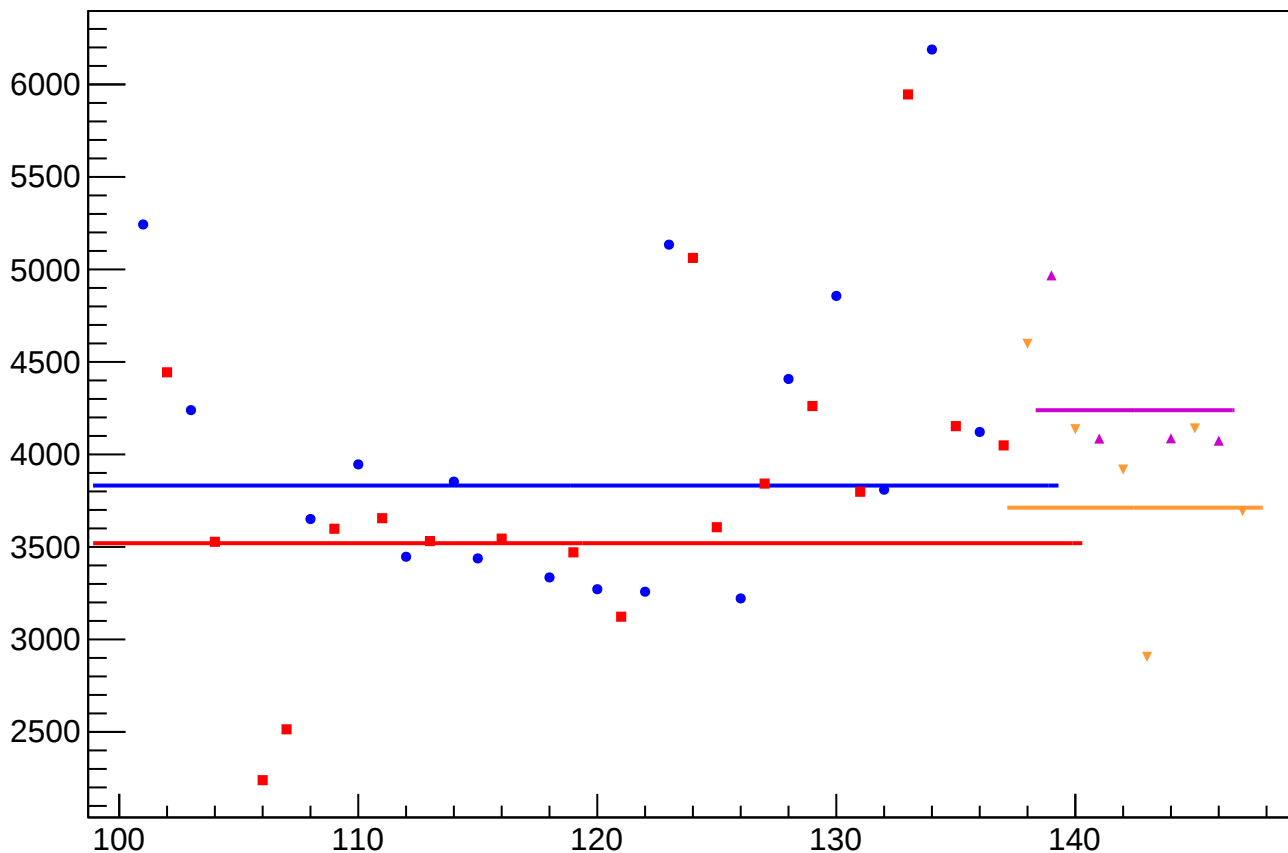
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -802.100 ± 1265.630 $\chi^2/\text{NDF}: 18.4/20$

Out: 376.977 ± 1101.386 $\chi^2/\text{NDF}: 19.7/23$

All: -131.139 ± 830.839 $\chi^2/\text{NDF}: 38.6/44$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2/NDF : 337707.1/16

Left Out: 3712.195 $\pm$ 1.288 χ^2/NDF : 207708.4/5

Right Out: 3520.188 $\pm$ 0.969 χ^2/NDF : 544143.8/17

Left In: 4238.991 $\pm$ 1.656 χ^2/NDF : 41602.6/3

Left: 3910.764 $\pm$ 1.017 χ^2/NDF : 312351.6/9

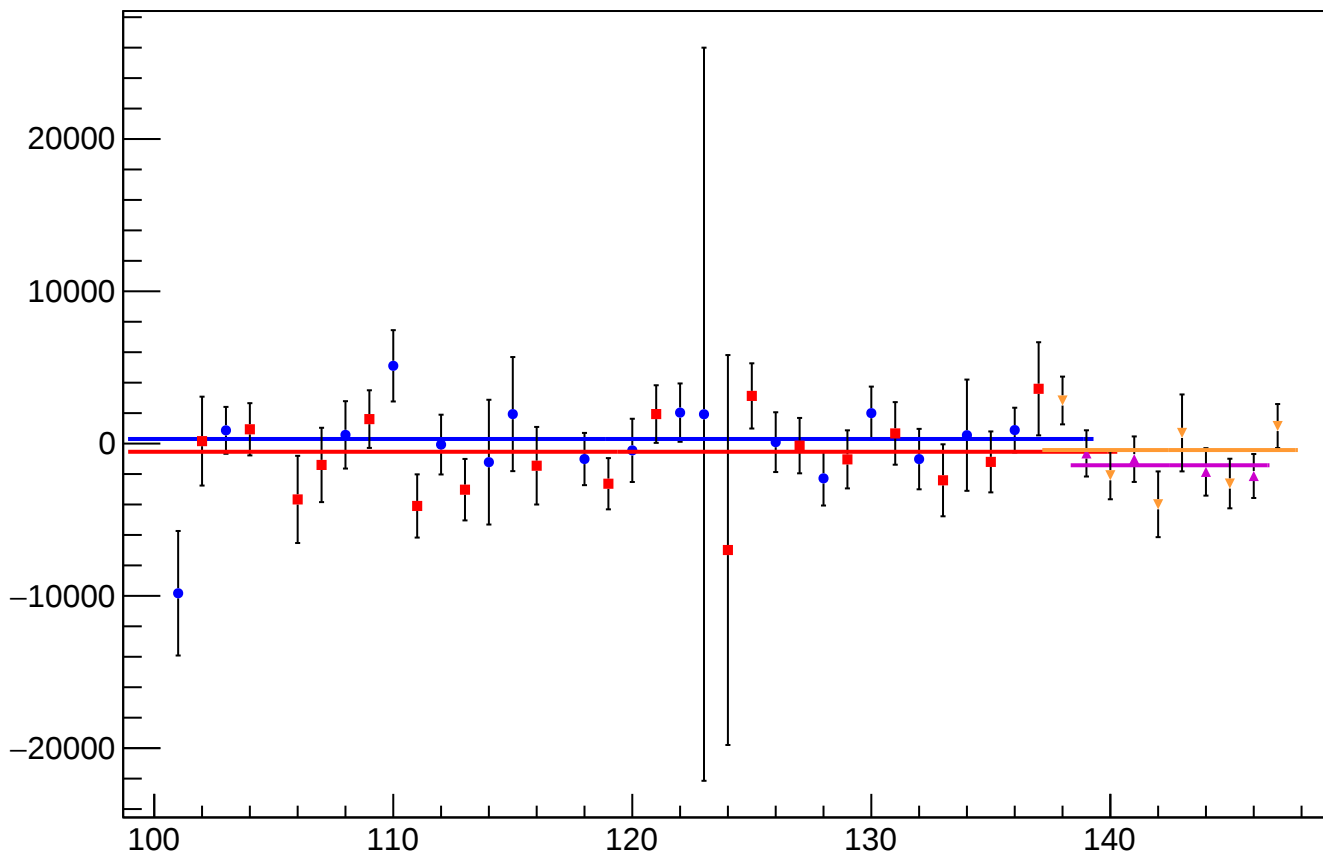
Right: 3661.502 $\pm$ 0.716 χ^2/NDF : 928771.8/34

In: 3950.710 $\pm$ 0.895 χ^2/NDF : 422105.3/20

Out: 3589.555 $\pm$ 0.774 χ^2/NDF : 766043.1/23

All: 3744.161 $\pm$ 0.586 χ^2/NDF : 1281290.7/44

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 χ^2/NDF : 16.1/16

Left Out: -425.362 ± 700.639 χ^2/NDF : 11.3/5

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -1424.122 ± 750.981 χ^2/NDF : 0.7/3

Left: -890.147 ± 512.300 χ^2/NDF : 12.9/9

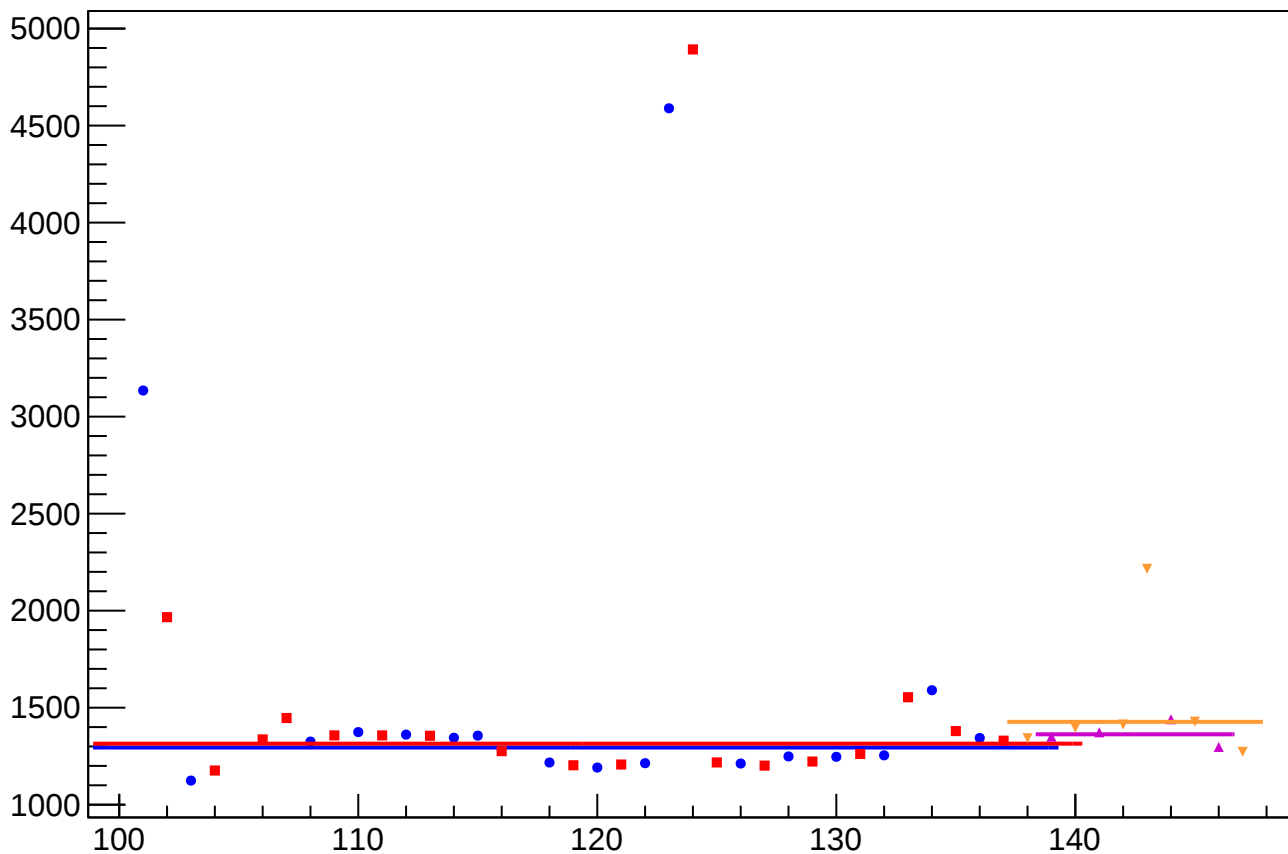
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: -246.975 ± 423.507 χ^2/NDF : 20.3/20

Out: -498.942 ± 411.635 χ^2/NDF : 28.8/23

All: -376.540 ± 295.178 χ^2/NDF : 49.3/44

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1426.939 $\pm$ 0.495 χ^2 /NDF: 224416.0/5

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1362.763 $\pm$ 0.531 χ^2 /NDF: 9247.7/3

Left: 1397.074 $\pm$ 0.362 χ^2 /NDF: 241472.4/9

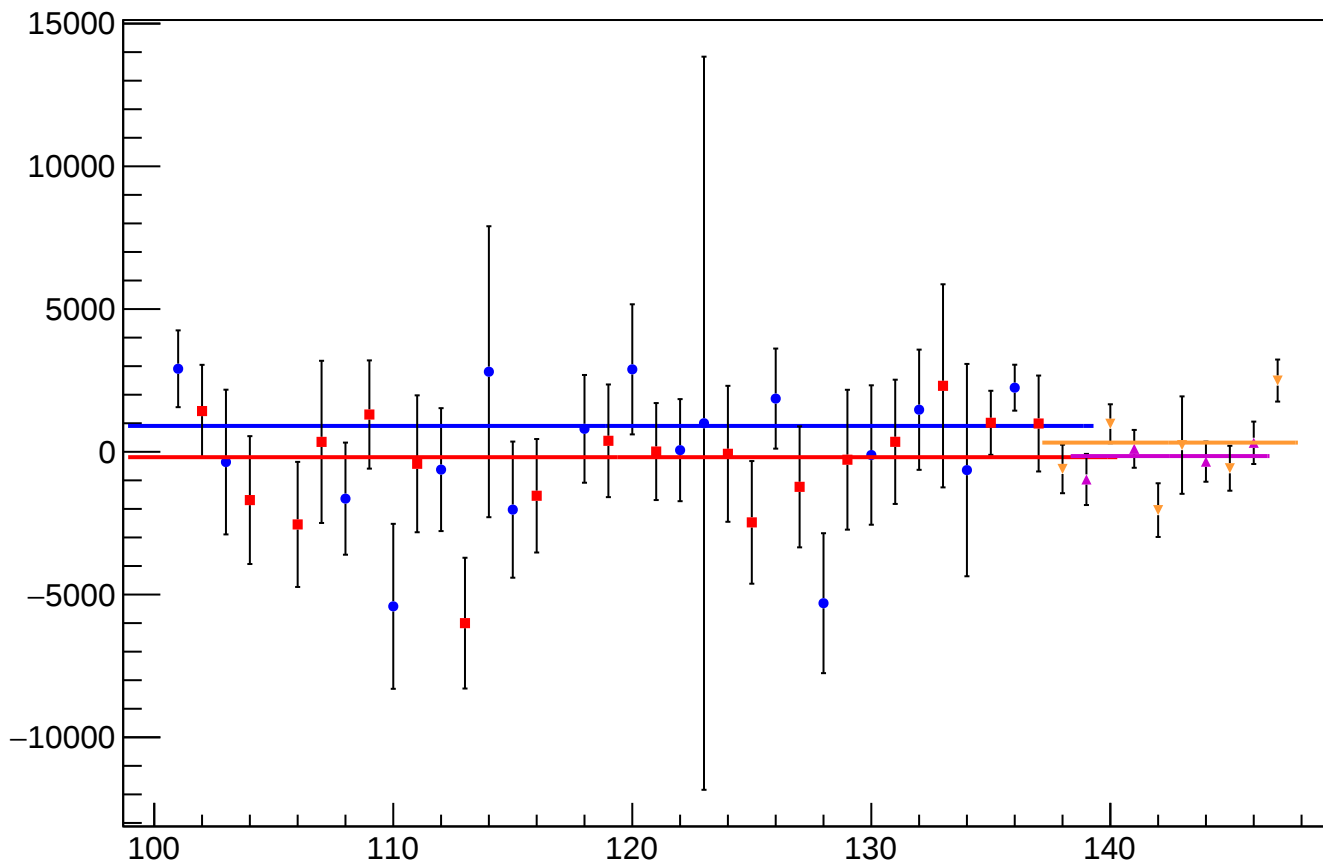
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1316.366 $\pm$ 0.299 χ^2 /NDF: 528245.8/20

Out: 1353.368 $\pm$ 0.291 χ^2 /NDF: 591930.9/23

All: 1335.393 $\pm$ 0.209 χ^2 /NDF: 1128027.6/44

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 322.367 $\pm$ 343.704 χ^2 /NDF:18.5/5

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -149.158 $\pm$ 368.604 χ^2 /NDF:1.5/3

Left: 103.067 $\pm$ 251.378 χ^2 /NDF: 20.8/9

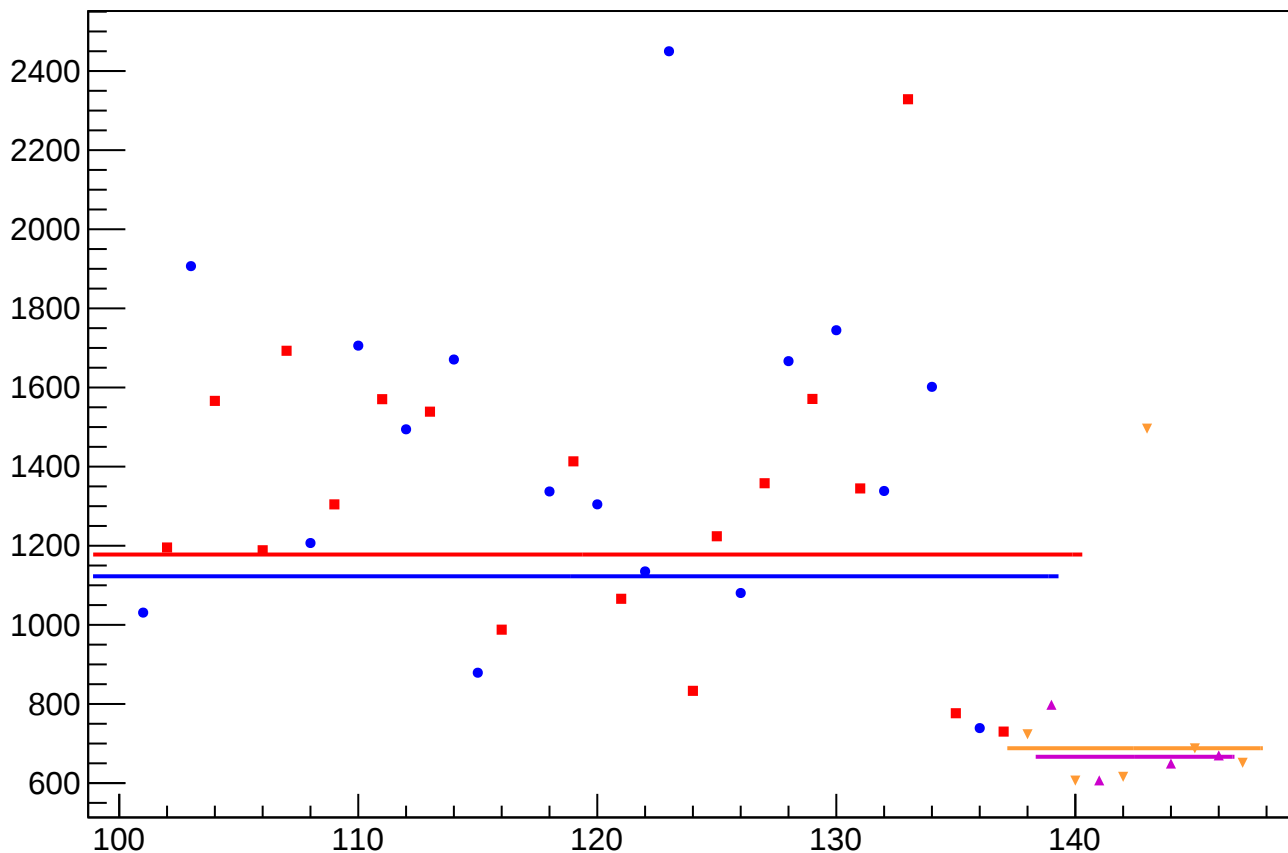
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 268.281 $\pm$ 286.621 χ^2 /NDF:26.7/20

Out: 141.755 $\pm$ 276.299 χ^2 /NDF:33.1/23

All: 202.699 $\pm$ 198.922 χ^2 /NDF: 59.9/44

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: 666.551+/-0.261 χ^2/NDF : 60562.7/3

Left: 678.102+/-0.178 χ^2/NDF : 561302.8/9

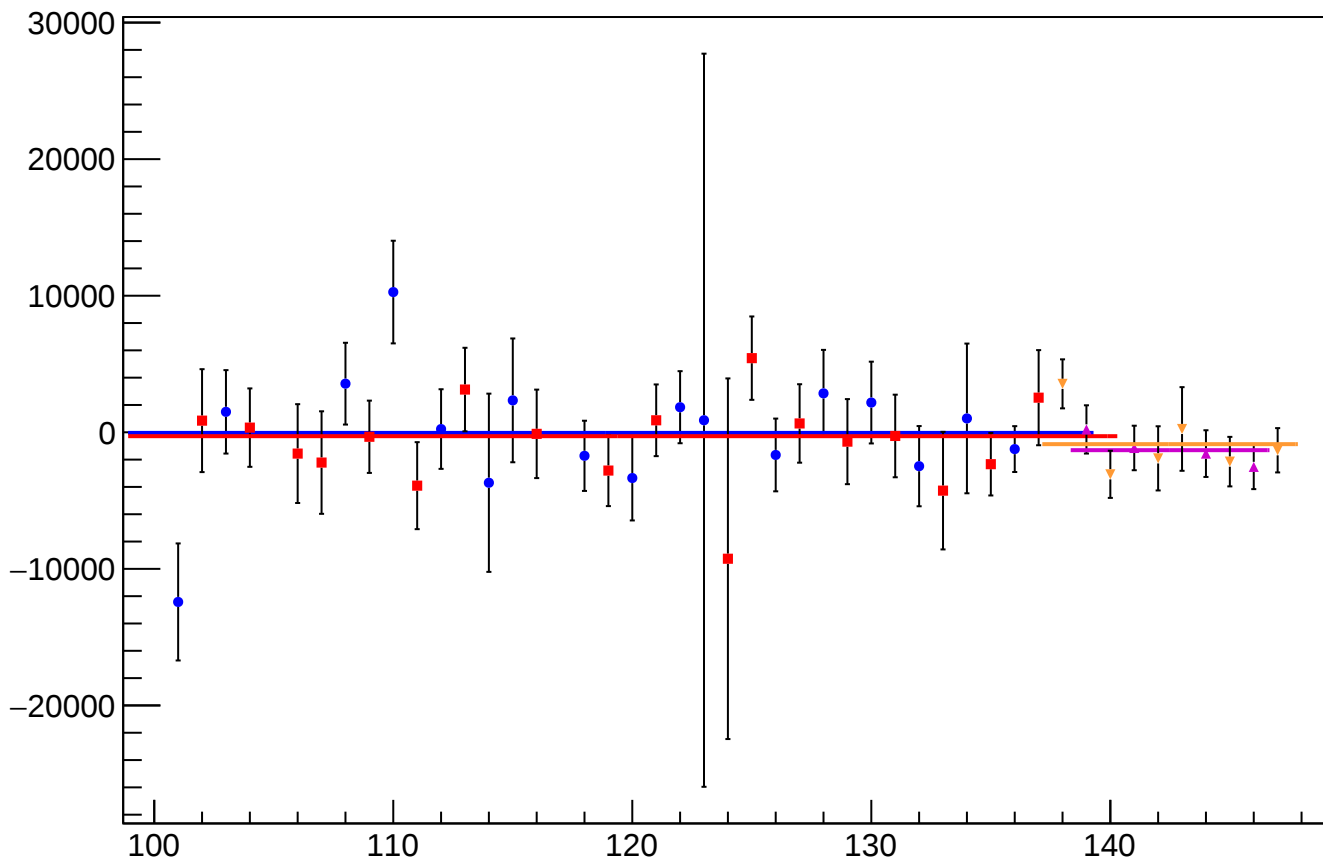
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 846.923+/-0.203 χ^2/NDF : 2459870.4/20

Out: 861.369+/-0.195 χ^2/NDF : 2954773.5/23

All: 854.410+/-0.141 χ^2/NDF : 5417277.3/44

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: -1309.224+/-840.274 χ^2/NDF : 1.3/3

Left: -1074.179+/-574.082 χ^2/NDF : 10.1/9

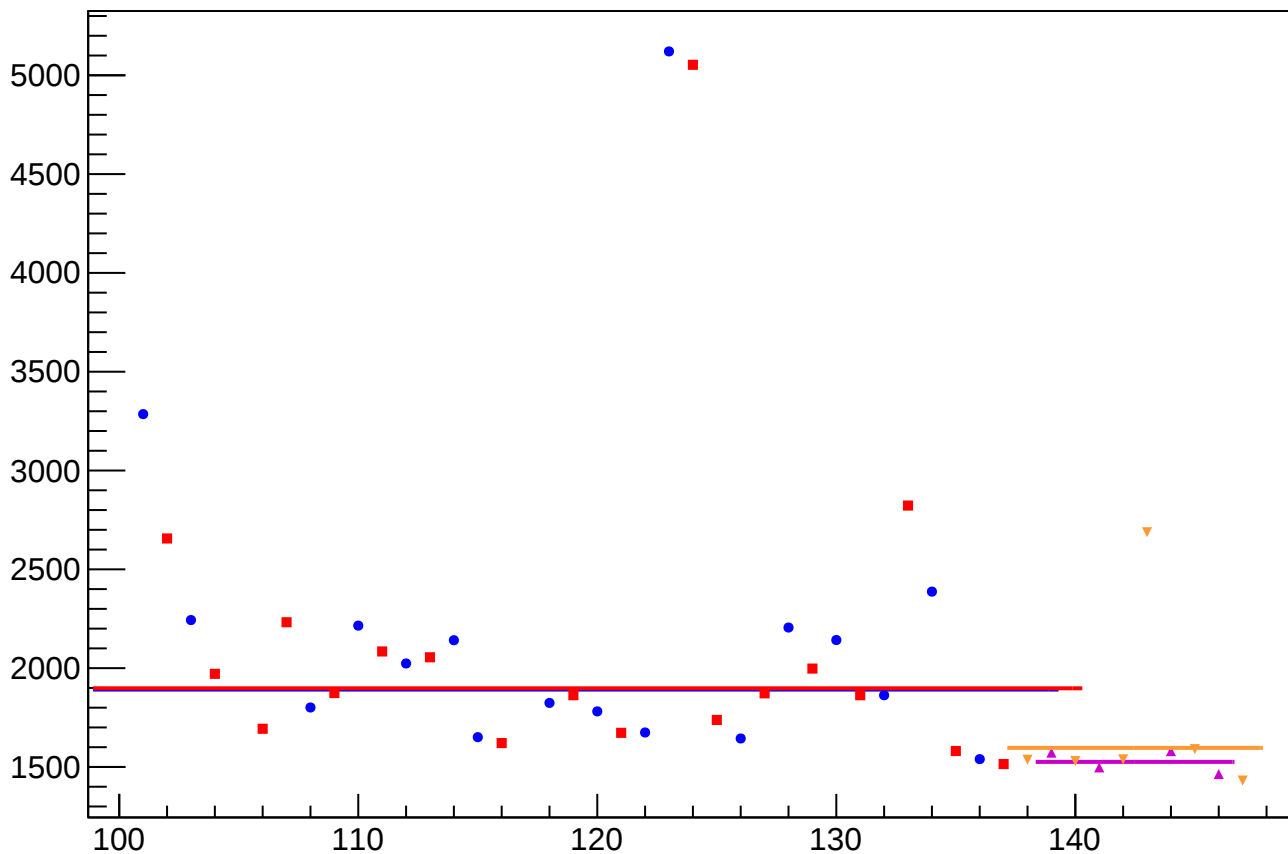
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -603.215+/-558.531 χ^2/NDF : 25.8/20

Out: -557.462+/-537.056 χ^2/NDF : 19.5/23

All: -579.442+/-387.125 χ^2/NDF : 45.3/44

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: 1525.662+/-0.594 χ^2/NDF : 6863.4/3

Left: 1563.457+/-0.406 χ^2/NDF : 295661.7/9

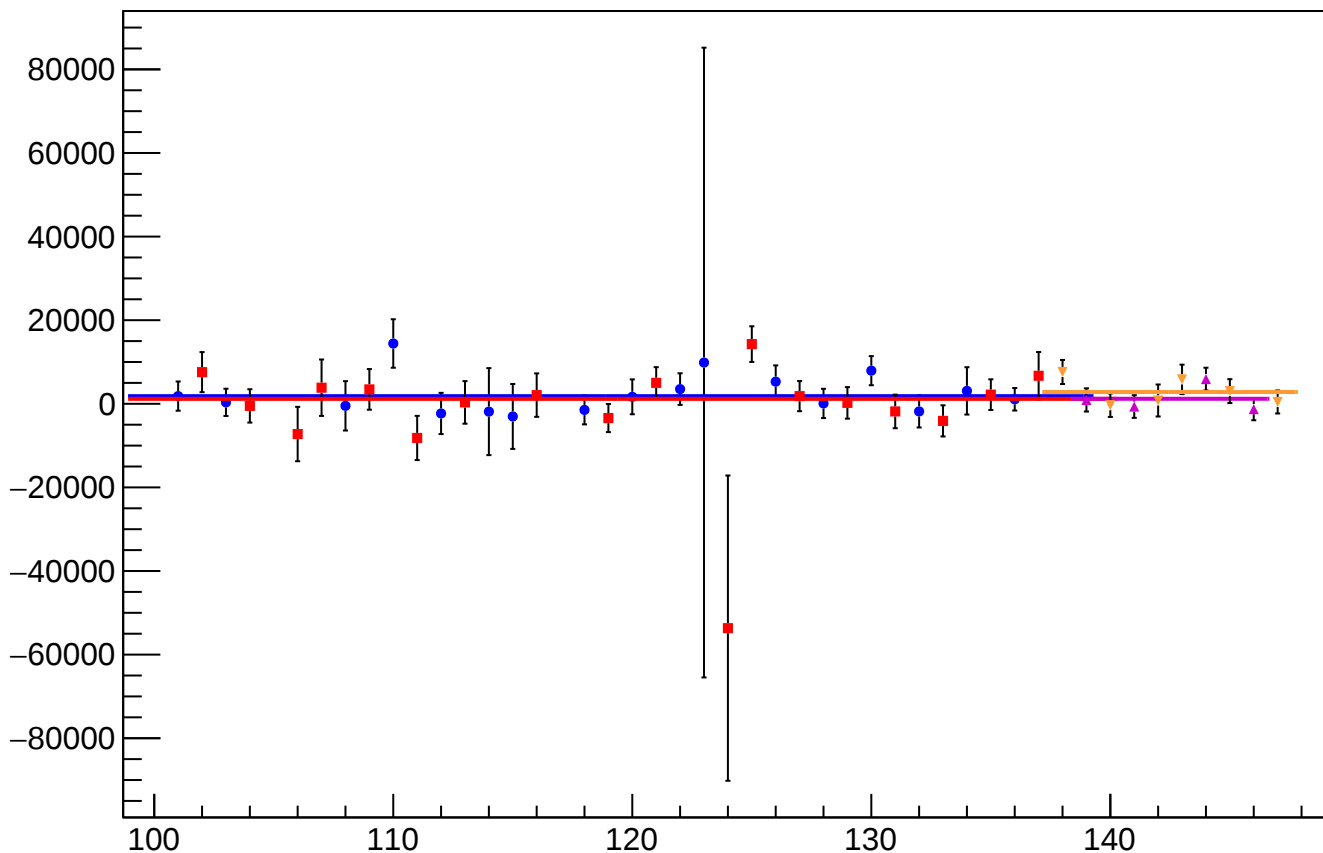
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1729.958+/-0.395 χ^2/NDF : 687756.8/20

Out: 1757.329+/-0.380 χ^2/NDF : 861753.7/23

All: 1744.180+/-0.274 χ^2/NDF : 1552006.2/44

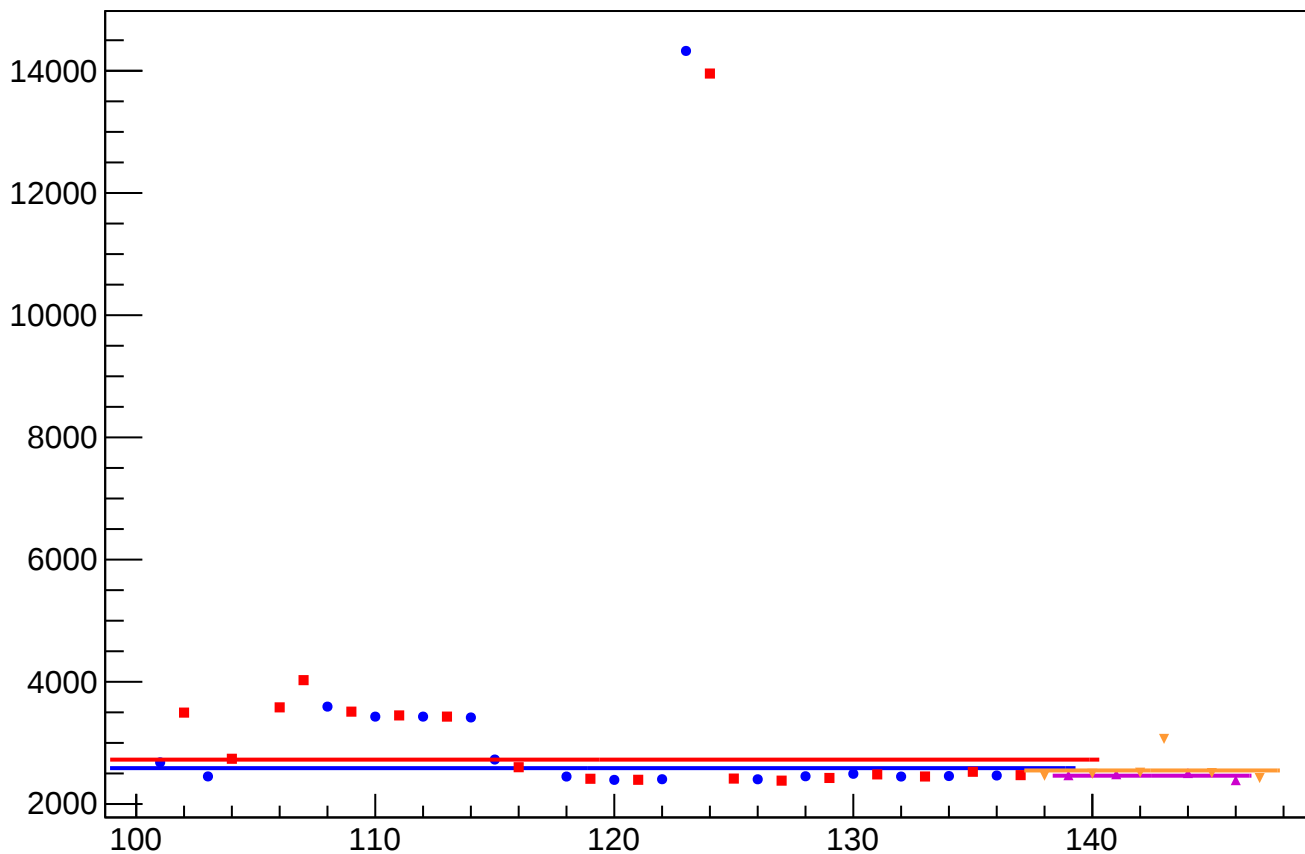
dit_asym_atl1_mean vs Slug, Sign Corrected



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: 1201.128 $\pm$ 1356.568 χ^2 /NDF:4.4/3

Left: 2080.166 $\pm$ 915.341 χ^2 /NDF: 10.9/9
 Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34
 In: 1602.487 $\pm$ 810.210 χ^2 /NDF:17.1/20
 Out: 1864.160 $\pm$ 801.336 χ^2 /NDF:32.3/23
 All: 1734.764 $\pm$ 569.742 χ^2 /NDF: 49.4/44

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: 2463.372+/-0.959 χ^2/NDF : 2195.4/3

Left: 2510.125+/-0.647 χ^2/NDF : 56880.7/9

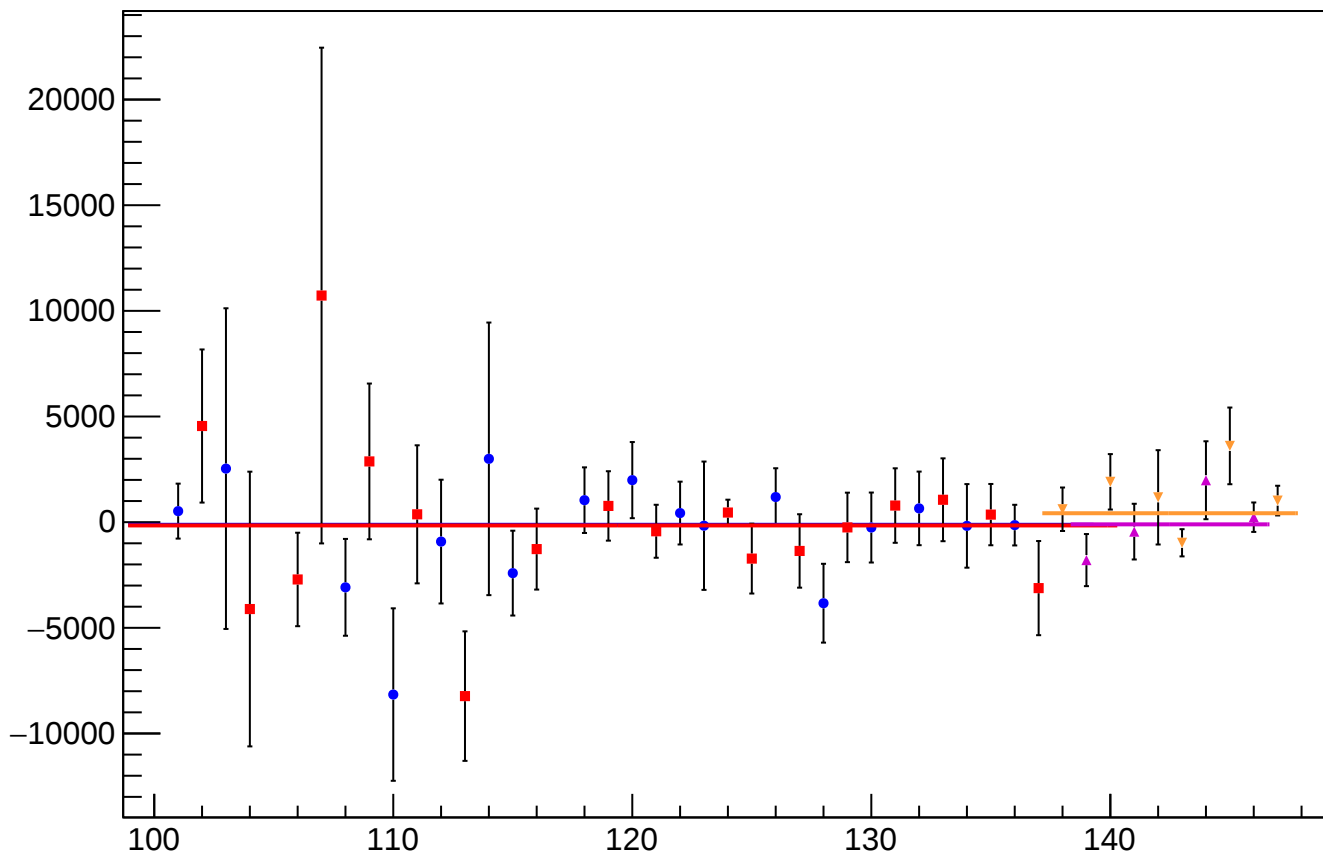
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2542.887+/-0.573 χ^2/NDF : 266989.8/20

Out: 2652.457+/-0.567 χ^2/NDF : 654972.2/23

All: 2598.275+/-0.403 χ^2/NDF : 940452.5/44

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: -103.188+/-527.955 χ^2/NDF :3.5/3

Left: 235.276+/-315.355 χ^2/NDF : 14.1/9

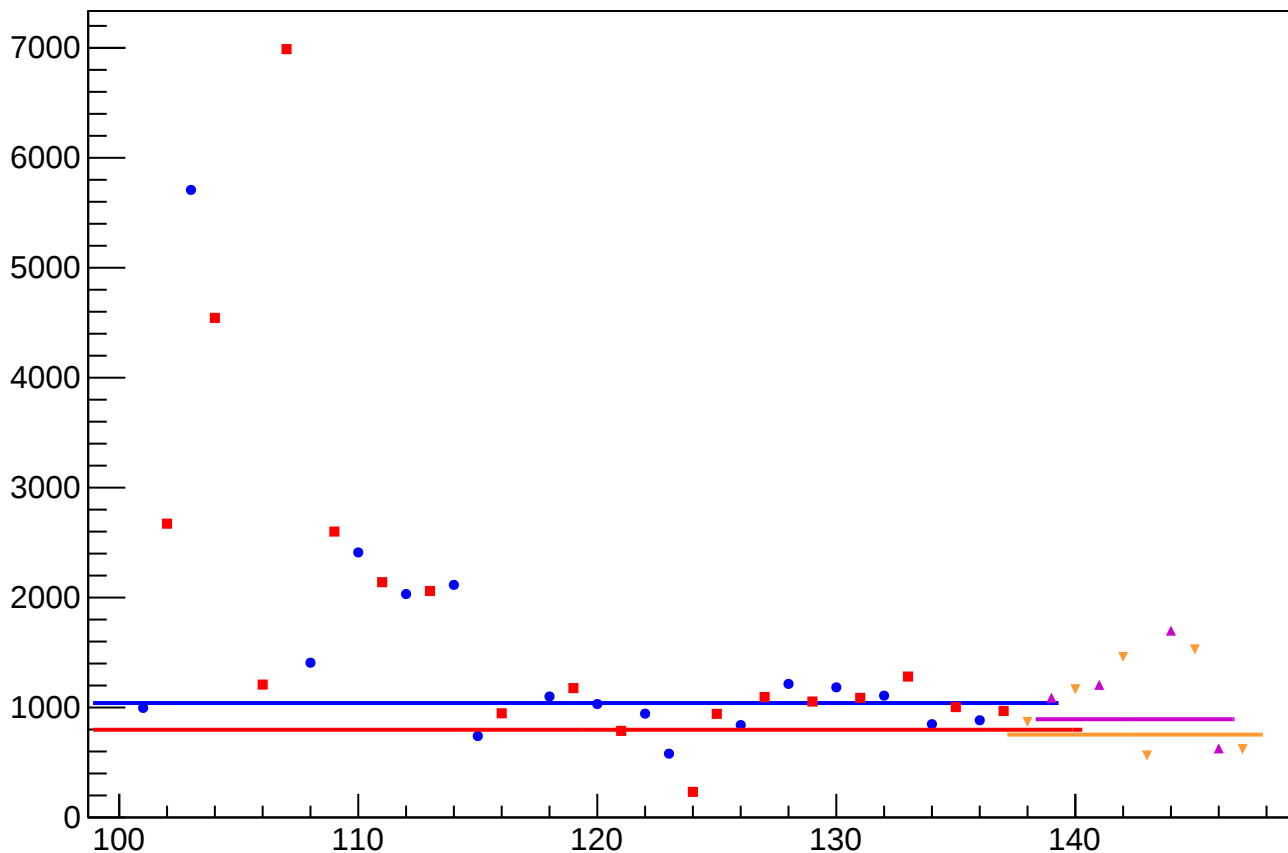
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -115.966+/-333.763 χ^2/NDF :18.2/20

Out: 125.056+/-273.592 χ^2/NDF :28.6/23

All: 28.191+/-211.589 χ^2/NDF : 47.1/44

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 $\pm$ 0.305 χ^2 /NDF: 1573034.8/16

Left Out: 753.576 $\pm$ 0.278 χ^2 /NDF: 1032400.2/5

Right Out: 797.732 $\pm$ 0.269 χ^2 /NDF: 5174332.0/17

Left In: 893.427 $\pm$ 0.373 χ^2 /NDF: 834405.4/3

Left: 803.473 $\pm$ 0.223 χ^2 /NDF: 1957071.6/9

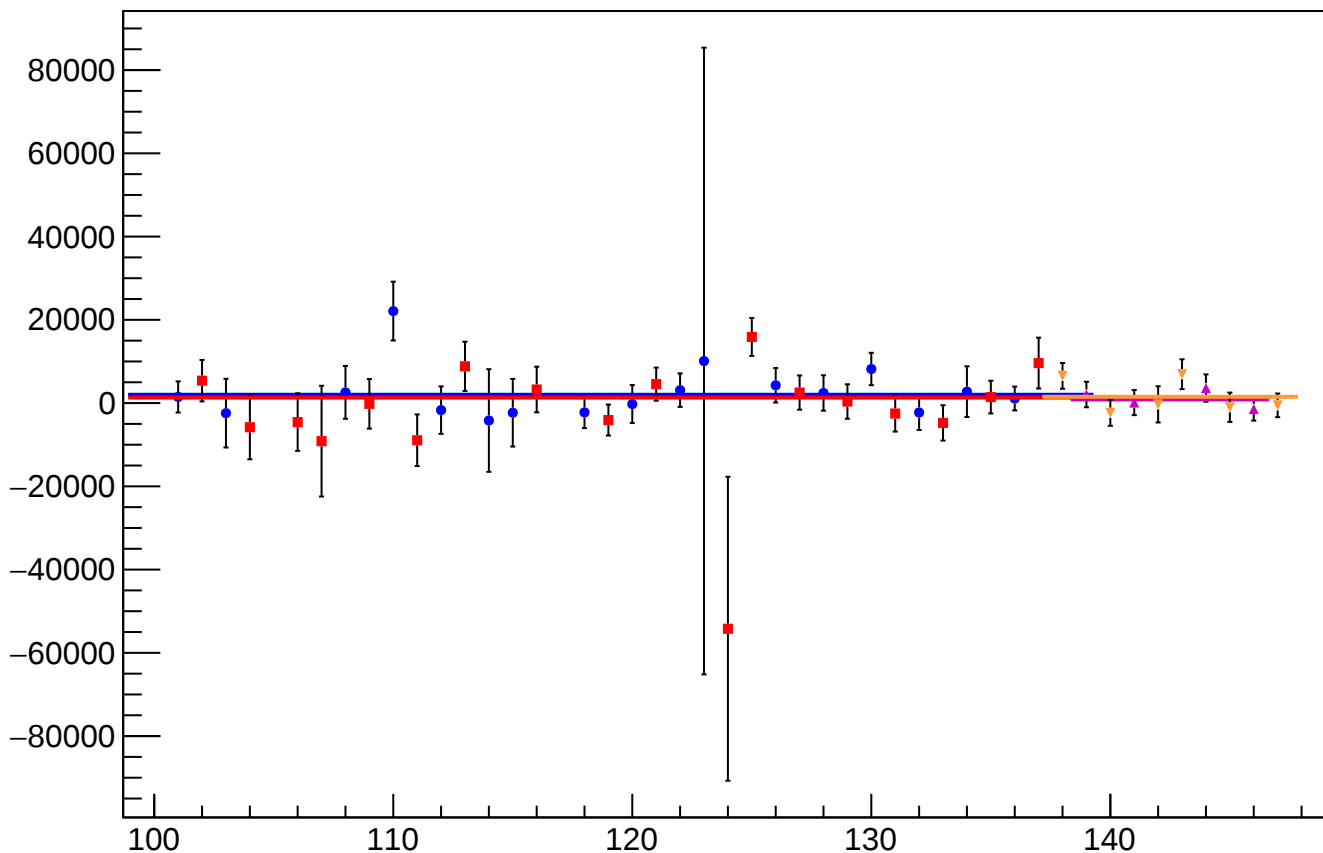
Right: 904.380 $\pm$ 0.202 χ^2 /NDF: 7104613.1/34

In: 981.878 $\pm$ 0.236 χ^2 /NDF: 2500946.4/20

Out: 776.354 $\pm$ 0.193 χ^2 /NDF: 6219742.7/23

All: 858.953 $\pm$ 0.150 χ^2 /NDF: 9174273.1/44

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: 878.778+/-1510.692 χ^2/NDF : 1.6/3

Left: 1231.814+/-1010.354 χ^2/NDF : 9.3/9

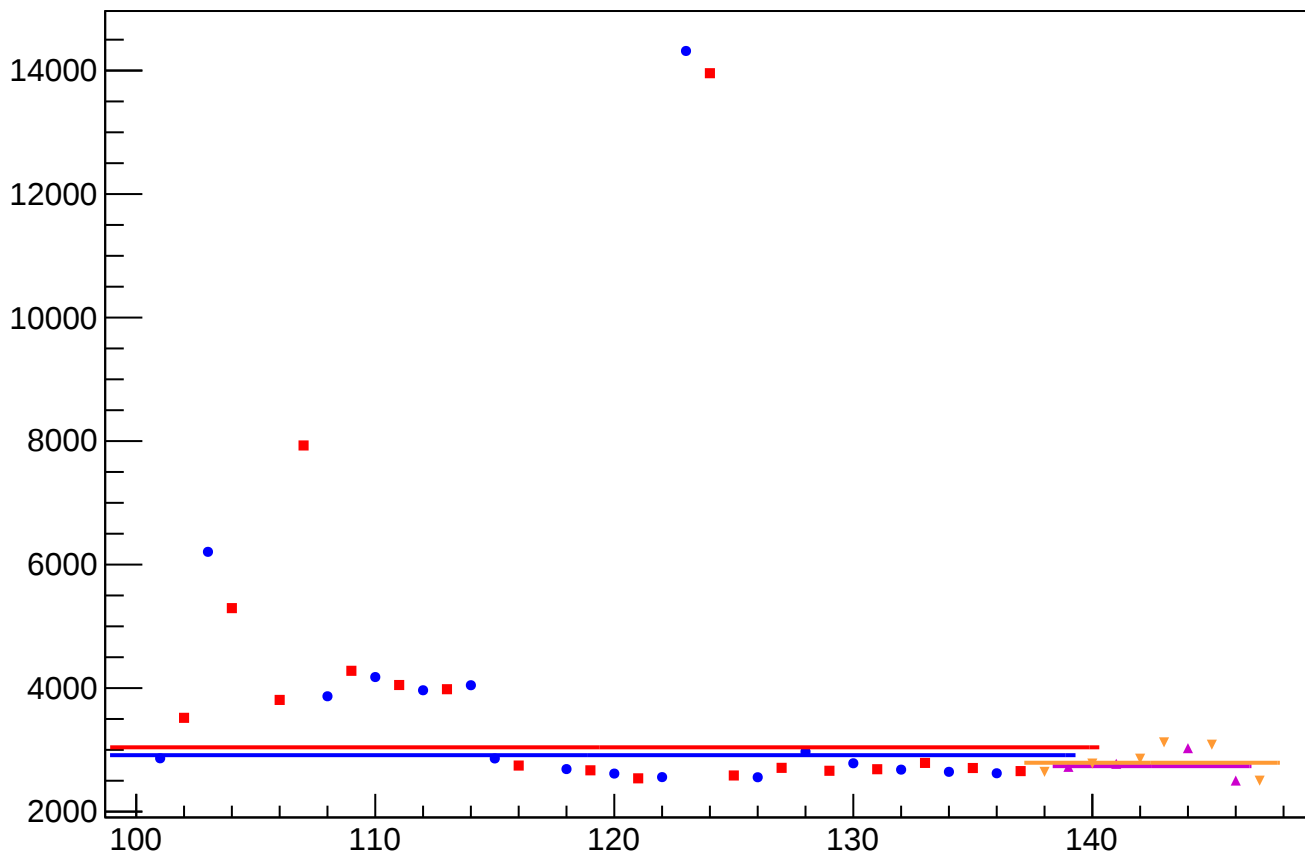
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1583.997+/-917.579 χ^2/NDF : 16.9/20

Out: 1415.410+/-896.873 χ^2/NDF : 35.1/23

All: 1497.780+/-641.380 χ^2/NDF : 52.0/44

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: 2736.155+/-1.068 χ^2/NDF : 30175.5/3

Left: 2766.536+/-0.714 χ^2/NDF : 88265.0/9

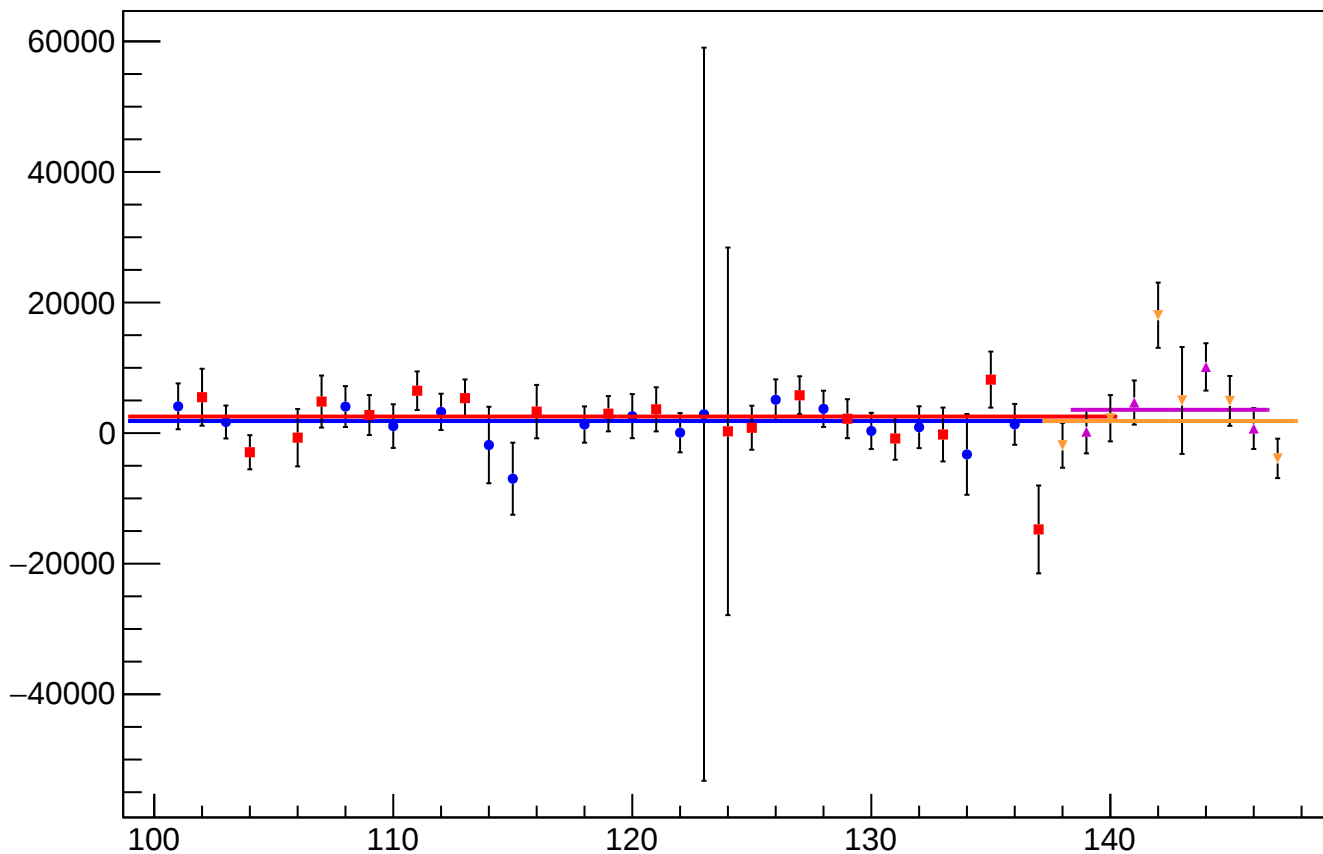
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2848.310+/-0.649 χ^2/NDF : 686627.7/20

Out: 2932.302+/-0.634 χ^2/NDF : 1098445.0/23

All: 2891.265+/-0.454 χ^2/NDF : 1793642.8/44

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 1855.717 $\pm$ 1586.714 χ^2 /NDF:16.1/5

Right Out: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 3570.203 $\pm$ 1675.559 χ^2 /NDF:5.2/3

Left: 2666.302 $\pm$ 1152.105 χ^2 /NDF: 21.9/9

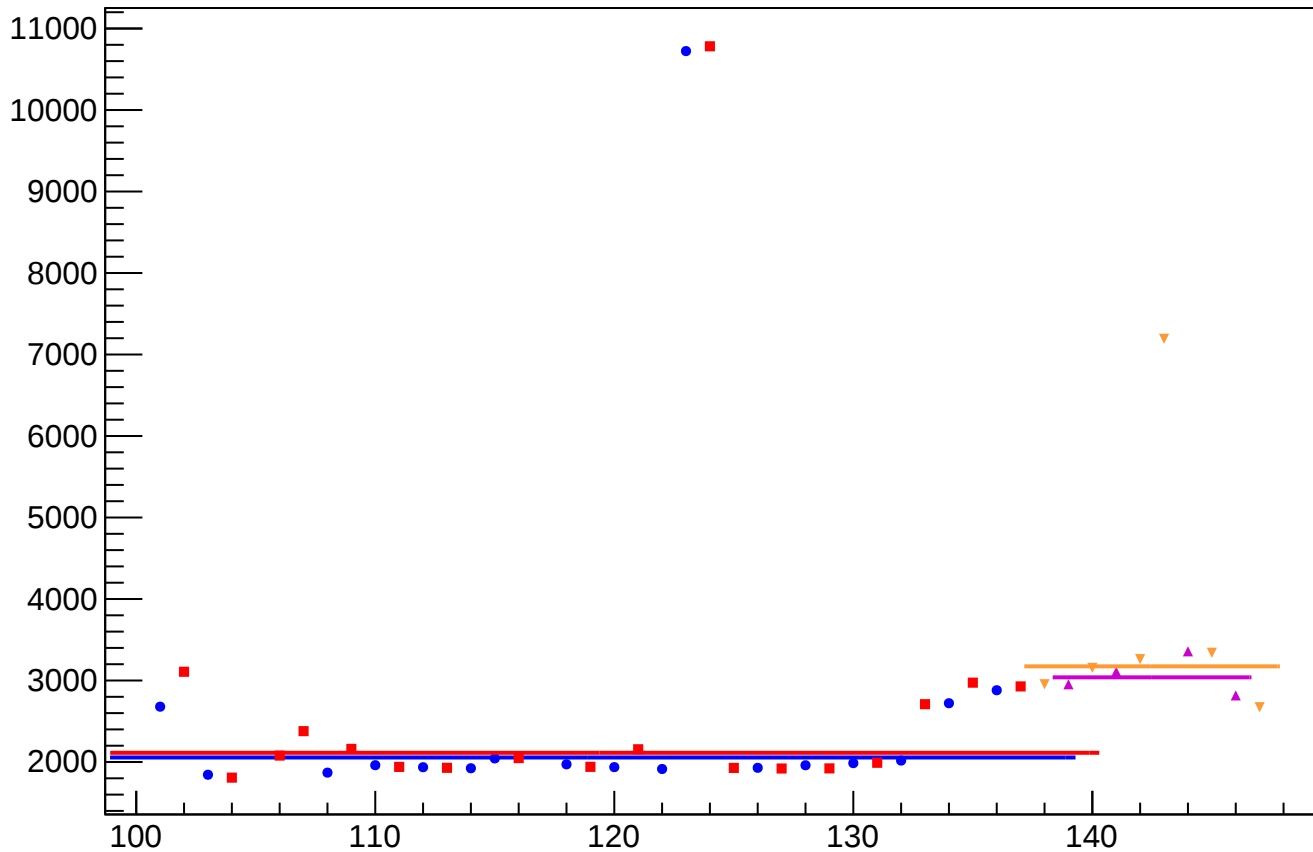
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2173.817 $\pm$ 726.890 χ^2 /NDF:13.4/20

Out: 2392.137 $\pm$ 727.997 χ^2 /NDF:36.3/23

All: 2282.811 $\pm$ 514.380 χ^2 /NDF: 49.7/44

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3173.604+/-1.122 χ^2/NDF : 549807.8/5

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 3038.725+/-1.185 χ^2/NDF : 27675.8/3

Left: 3109.835+/-0.815 χ^2/NDF : 584316.2/9

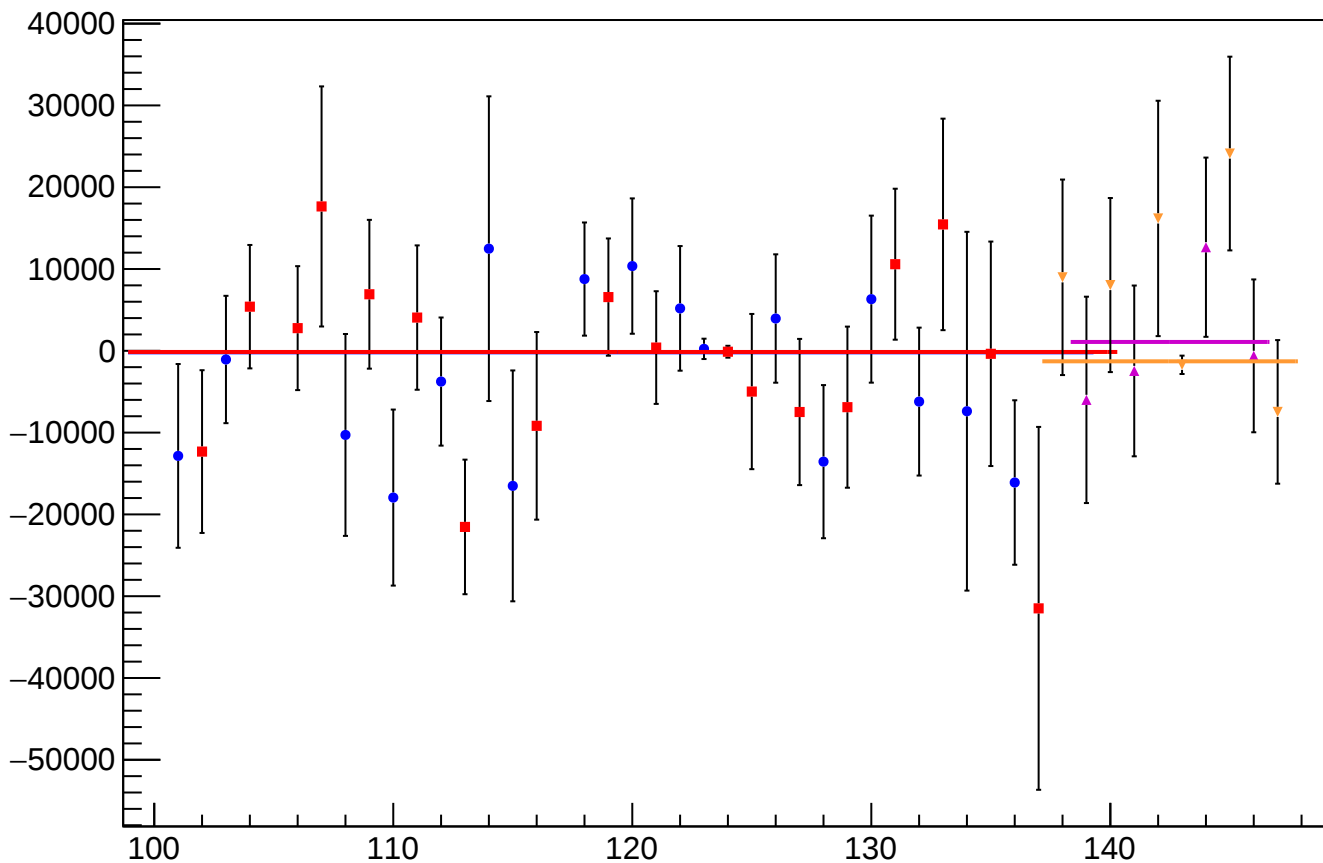
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2240.499+/-0.514 χ^2/NDF : 903190.0/20

Out: 2335.973+/-0.514 χ^2/NDF : 1787342.5/23

All: 2288.220+/-0.364 χ^2/NDF : 2707778.5/44

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: 1082.997+/-5326.511 χ^2/NDF : 1.6/3

Left: -1189.501+/-1072.121 χ^2/NDF : 10.0/9

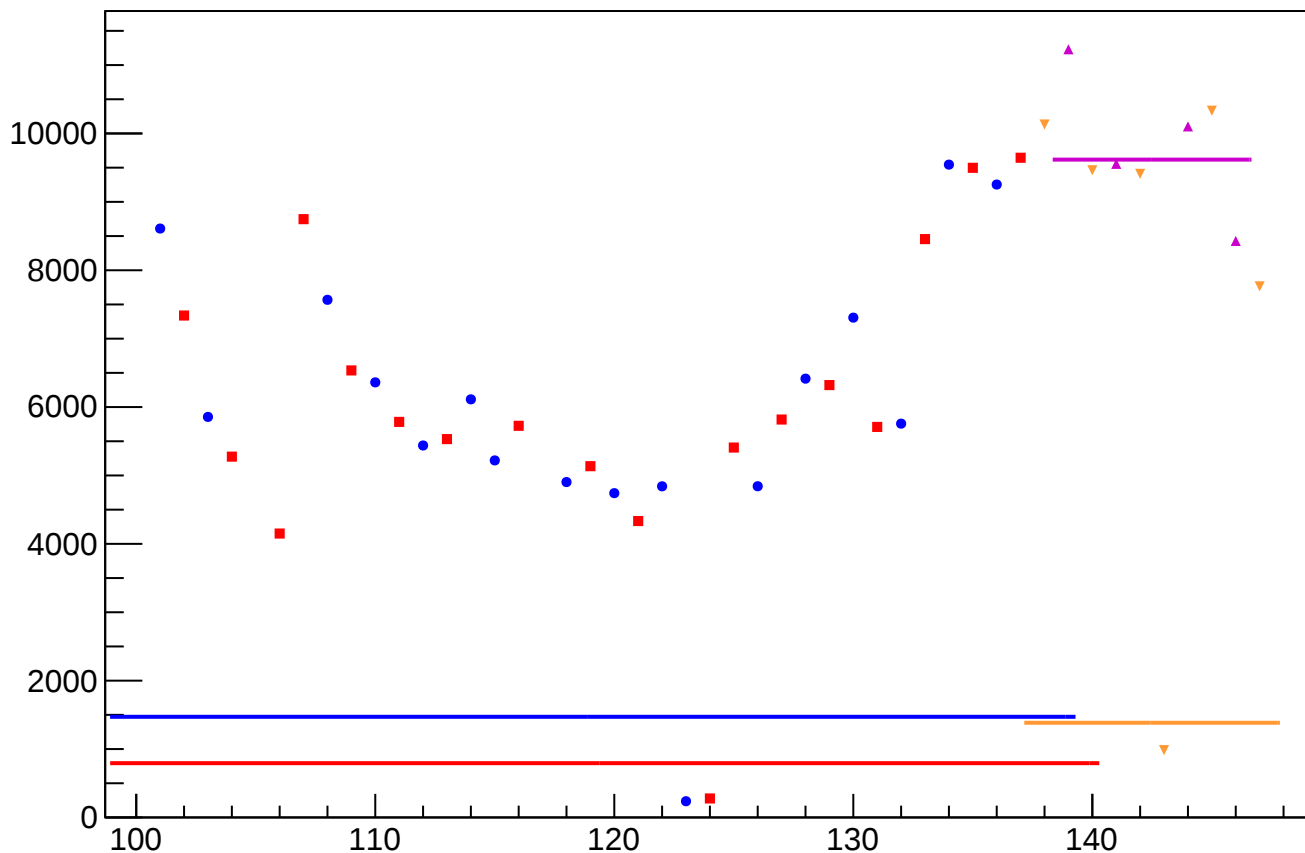
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -133.299+/-1078.000 χ^2/NDF : 18.0/20

Out: -467.807+/-584.287 χ^2/NDF : 28.0/23

All: -391.851+/-513.685 χ^2/NDF : 46.0/44

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: 9617.622+/-3.766

χ^2/NDF : 69124.0/3

Left: 1718.011+/-0.758

χ^2/NDF : 9953281.7/9

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 1805.263+/-0.762

χ^2/NDF : 14343507.3/20

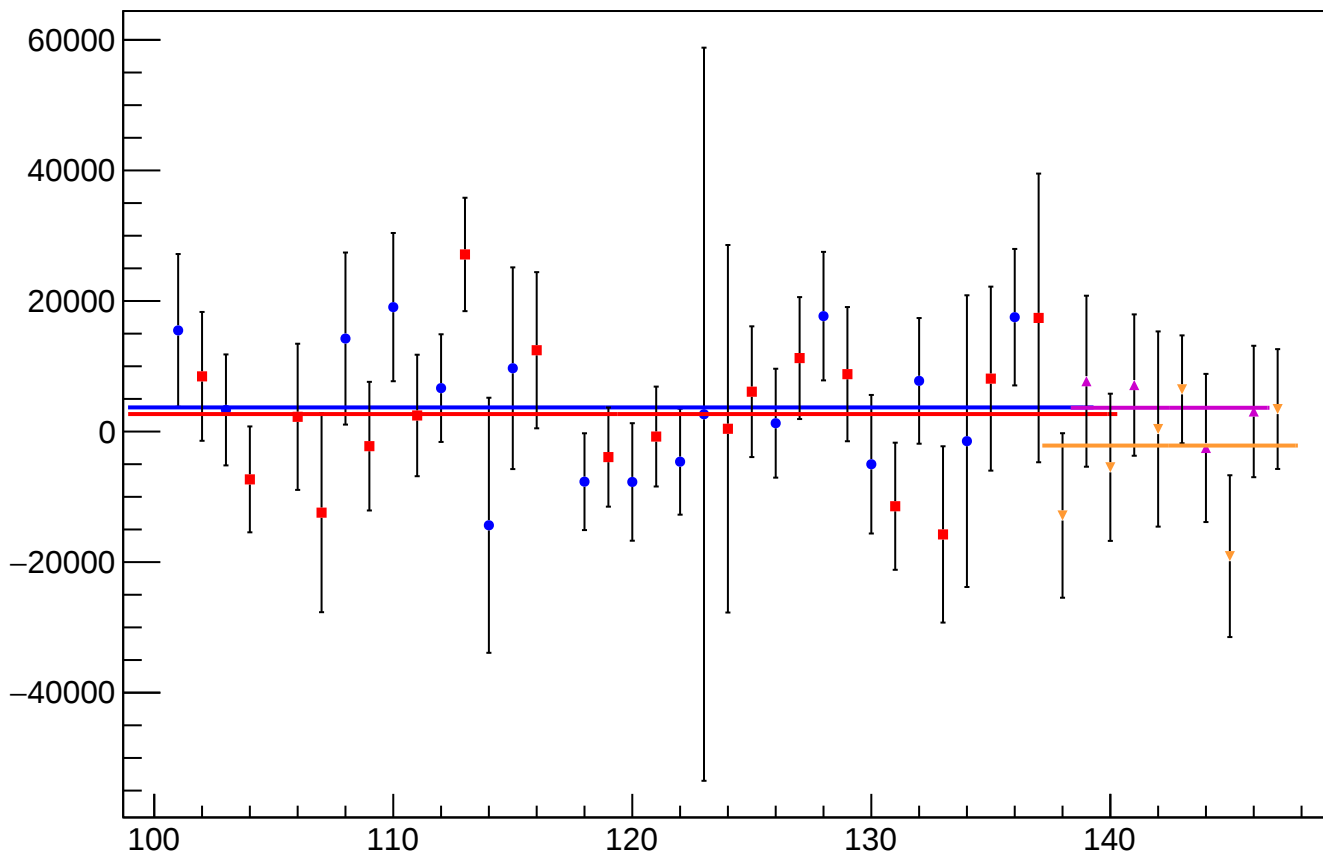
Out: 962.020+/-0.413

χ^2/NDF : 17138634.7/23

All: 1153.494+/-0.363

χ^2/NDF : 32428029.1/4

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: 3642.005+/-5590.813 χ^2/NDF : 0.5/3

Left: 67.848+/-3457.348 χ^2/NDF : 5.3/9

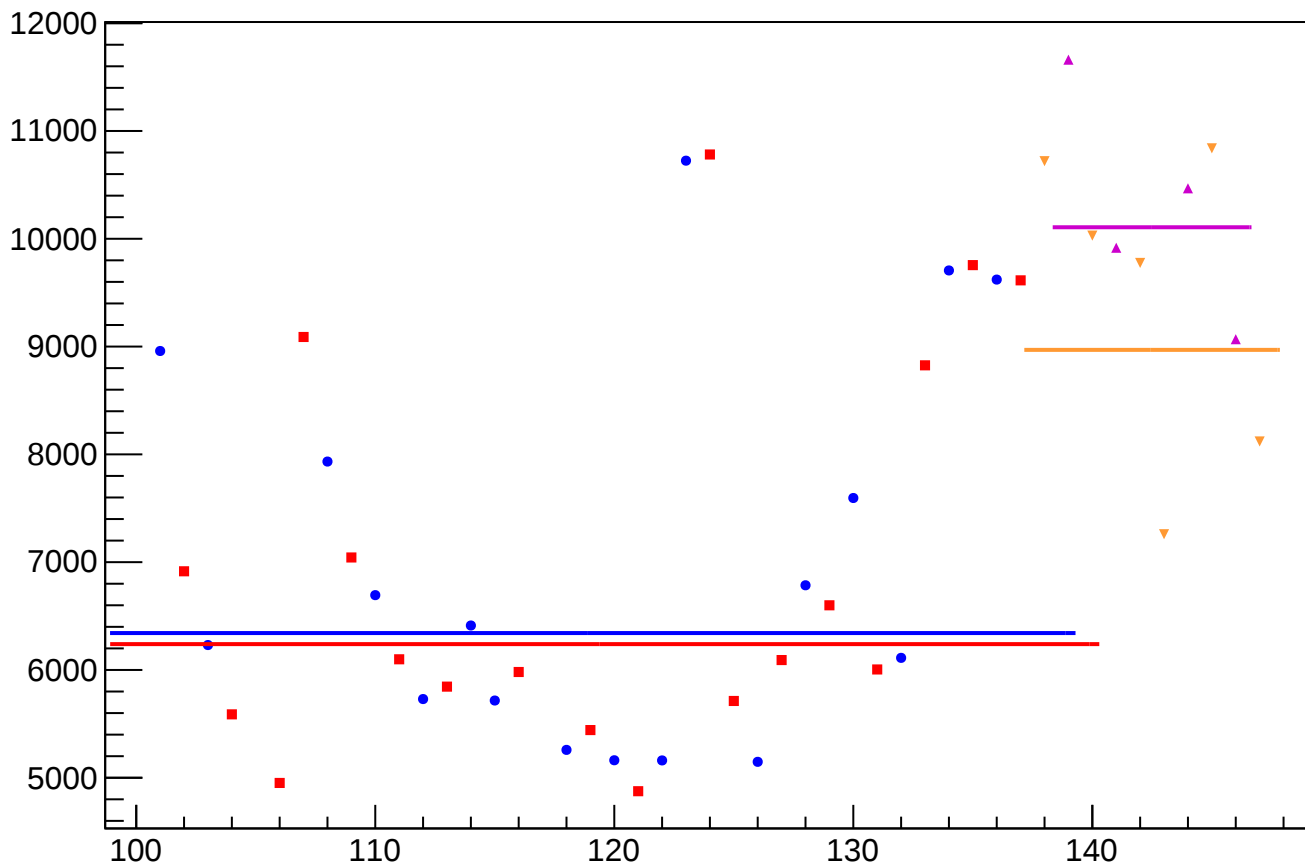
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3688.923+/-2295.852 χ^2/NDF : 14.9/20

Out: 1552.565+/-2126.187 χ^2/NDF : 23.6/23

All: 2538.897+/-1559.977 χ^2/NDF : 39.0/44

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: 10106.781+/-3.953 χ^2/NDF : 52102.7/3

Left: 9404.329+/-2.445 χ^2/NDF : 313656.8/9

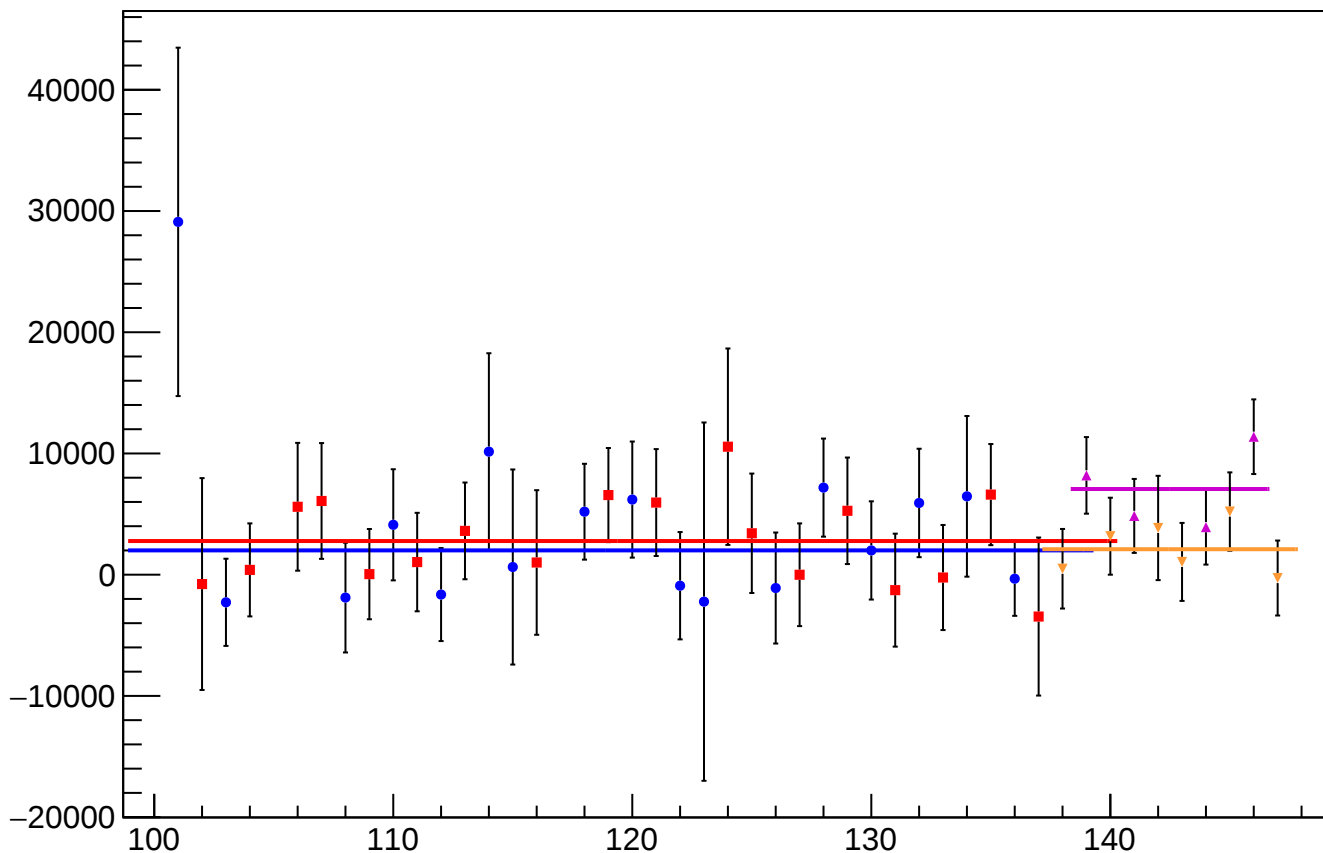
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 6977.126+/-1.623 χ^2/NDF : 1399610.6/20

Out: 6877.235+/-1.503 χ^2/NDF : 1329784.3/23

All: 6923.352+/-1.103 χ^2/NDF : 2731433.0/44

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: 7067.661 $\pm$ 1547.050 χ^2 /NDF: 3.7/3

Left: 4260.579 $\pm$ 1020.197 χ^2 /NDF: 11.6/9

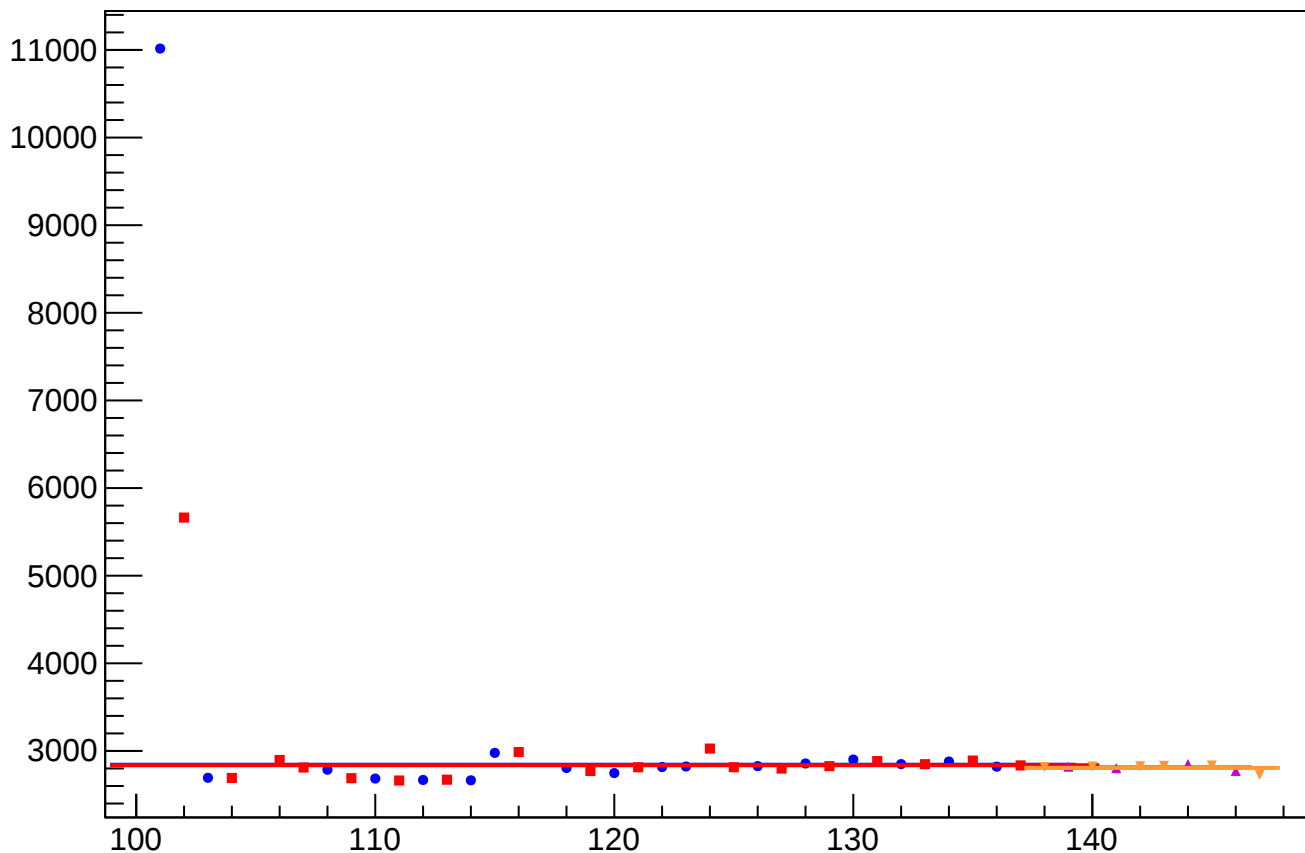
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3756.759 $\pm$ 910.092 χ^2 /NDF: 24.4/20

Out: 2512.087 $\pm$ 848.310 χ^2 /NDF: 10.6/23

All: 3090.745 $\pm$ 620.539 χ^2 /NDF: 36.0/44

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: 2811.827+/-1.094 χ^2/NDF :680.9/3

Left: 2808.914+/-0.721 χ^2/NDF : 2327.0/9

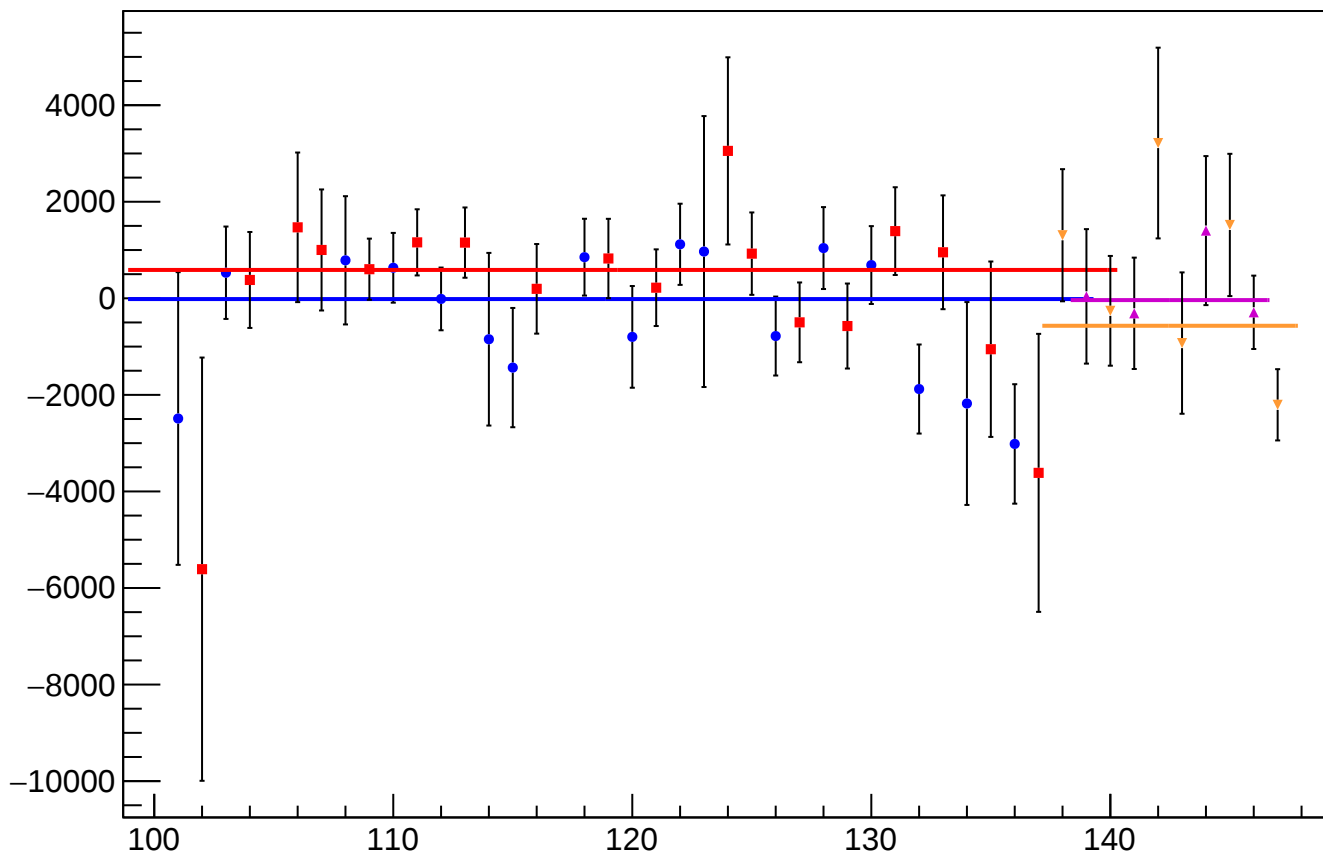
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2831.969+/-0.644 χ^2/NDF :661504.5/20

Out: 2825.417+/-0.600 χ^2/NDF :228681.7/23

All: 2828.463+/-0.439 χ^2/NDF : 890241.6/44

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: -36.905 ± 540.783 χ^2/NDF : 1.0/3

Left: -333.980 ± 359.279 χ^2/NDF : 14.2/9

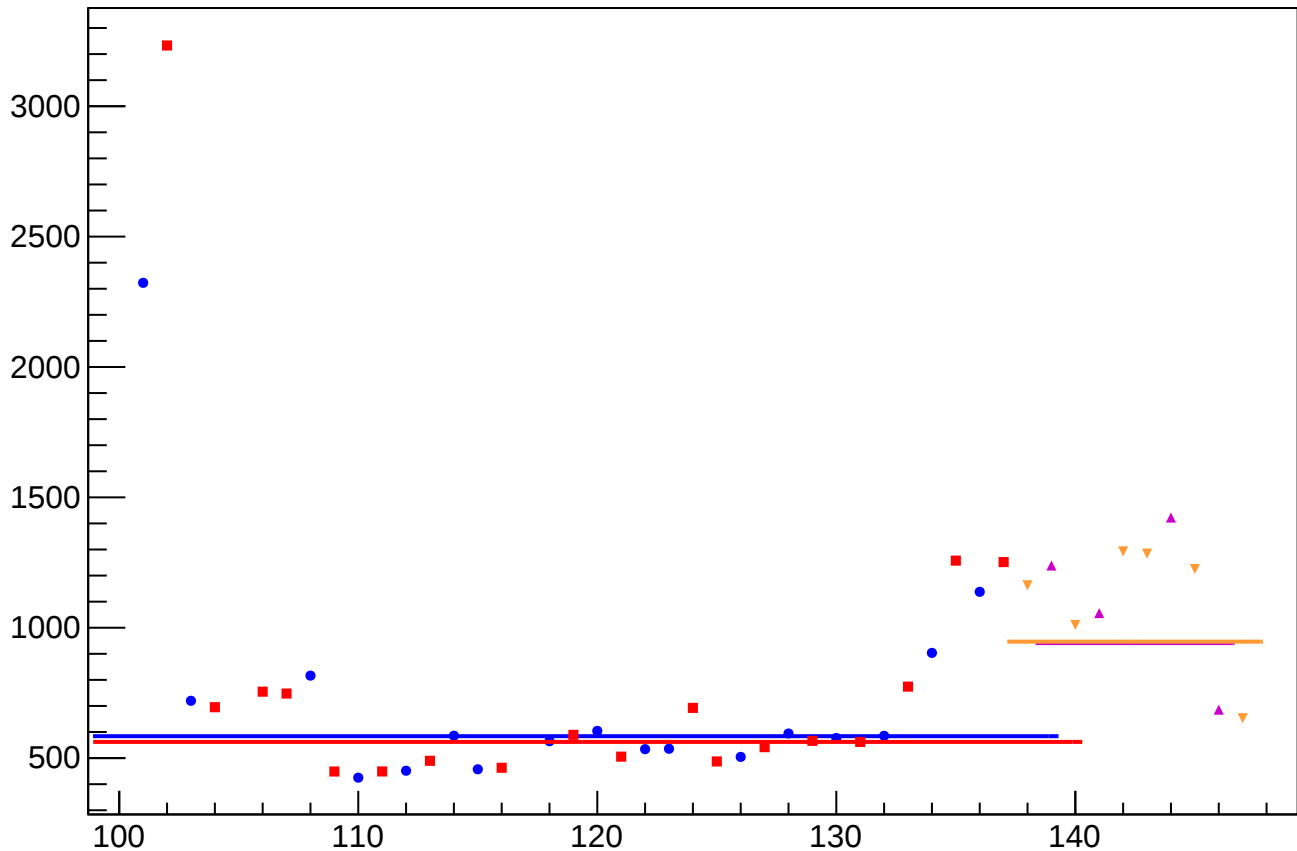
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: -19.104 ± 218.497 χ^2/NDF : 22.6/20

Out: 378.573 ± 204.384 χ^2/NDF : 30.7/23

All: 192.992 ± 149.261 χ^2/NDF : 55.1/44

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: 941.114+/-0.382 χ^2/NDF : 531435.2/3

Left: 944.210+/-0.254 χ^2/NDF : 1143518.7/9

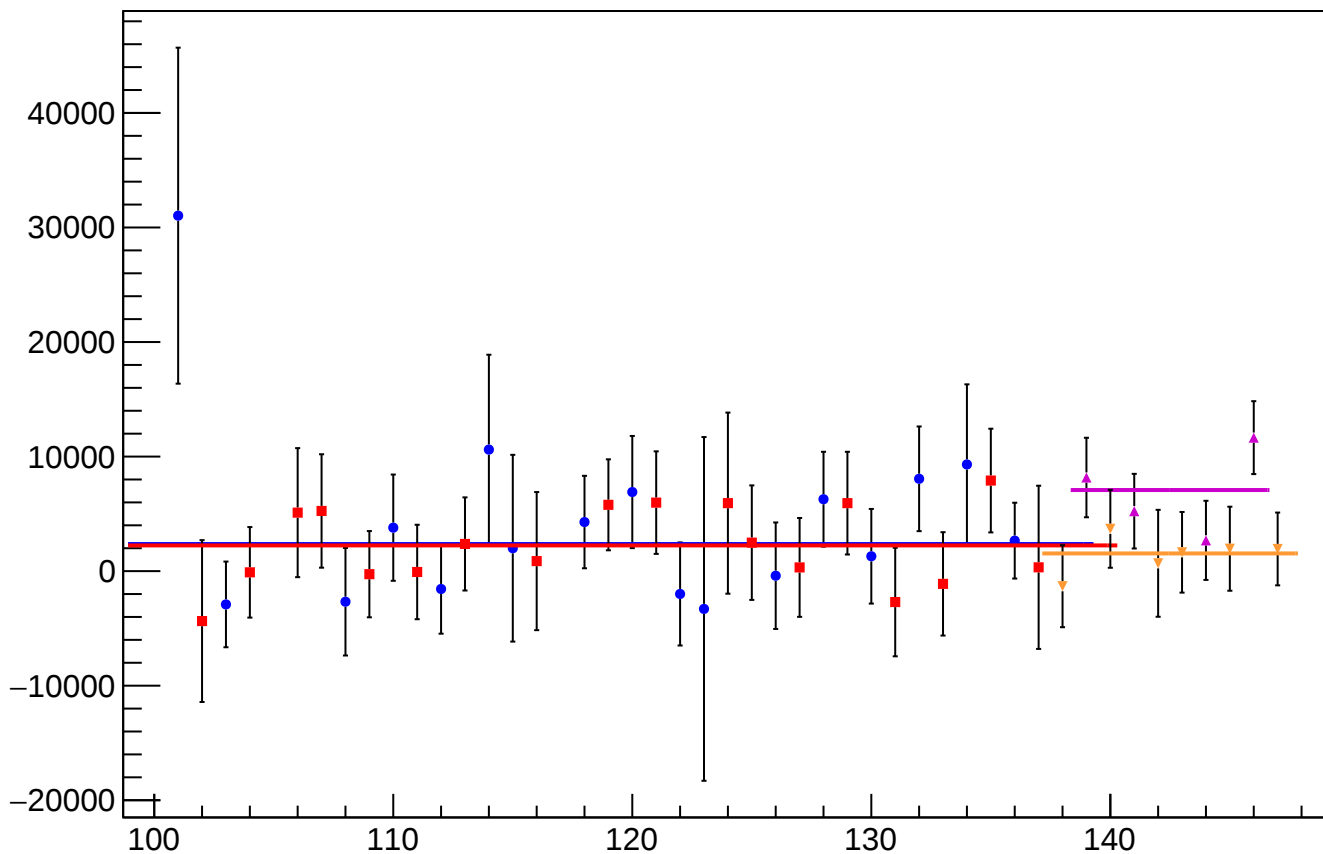
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 642.344+/-0.155 χ^2/NDF : 2697607.7/20

Out: 631.637+/-0.145 χ^2/NDF : 3185727.1/23

All: 636.633+/-0.106 χ^2/NDF : 5885896.4/44

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 1545.056+/-1467.205 χ^2/NDF : 1.1/5

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 7080.042+/-1667.042 χ^2/NDF : 4.1/3

Left: 3961.071+/-1101.383 χ^2/NDF : 11.4/9

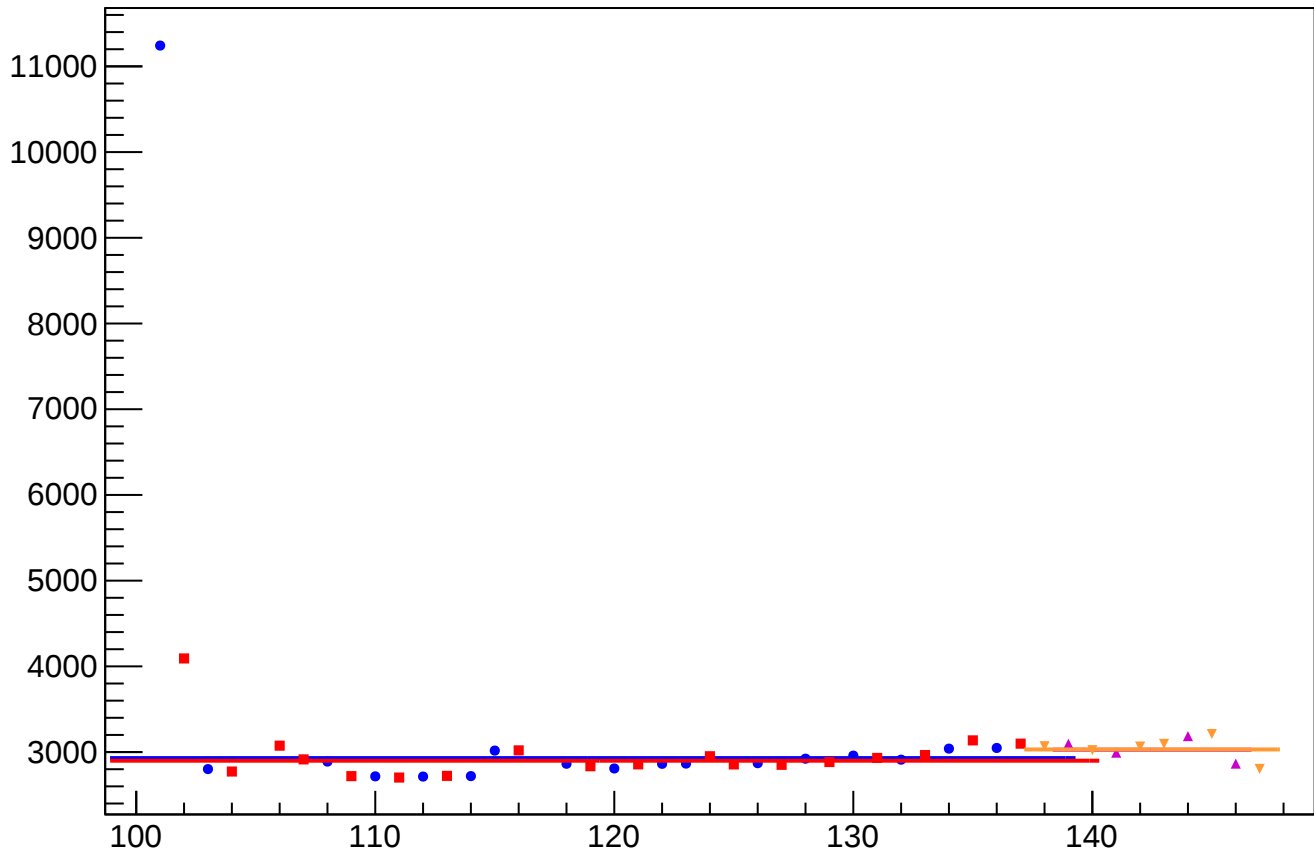
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3901.628+/-952.133 χ^2/NDF : 24.6/20

Out: 1989.909+/-886.193 χ^2/NDF : 9.8/23

All: 2877.284+/-648.693 χ^2/NDF : 36.5/44

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: 3027.275+/-1.179 χ^2/NDF :10441.0/3

Left: 3029.165+/-0.779 χ^2/NDF : 26514.7/9

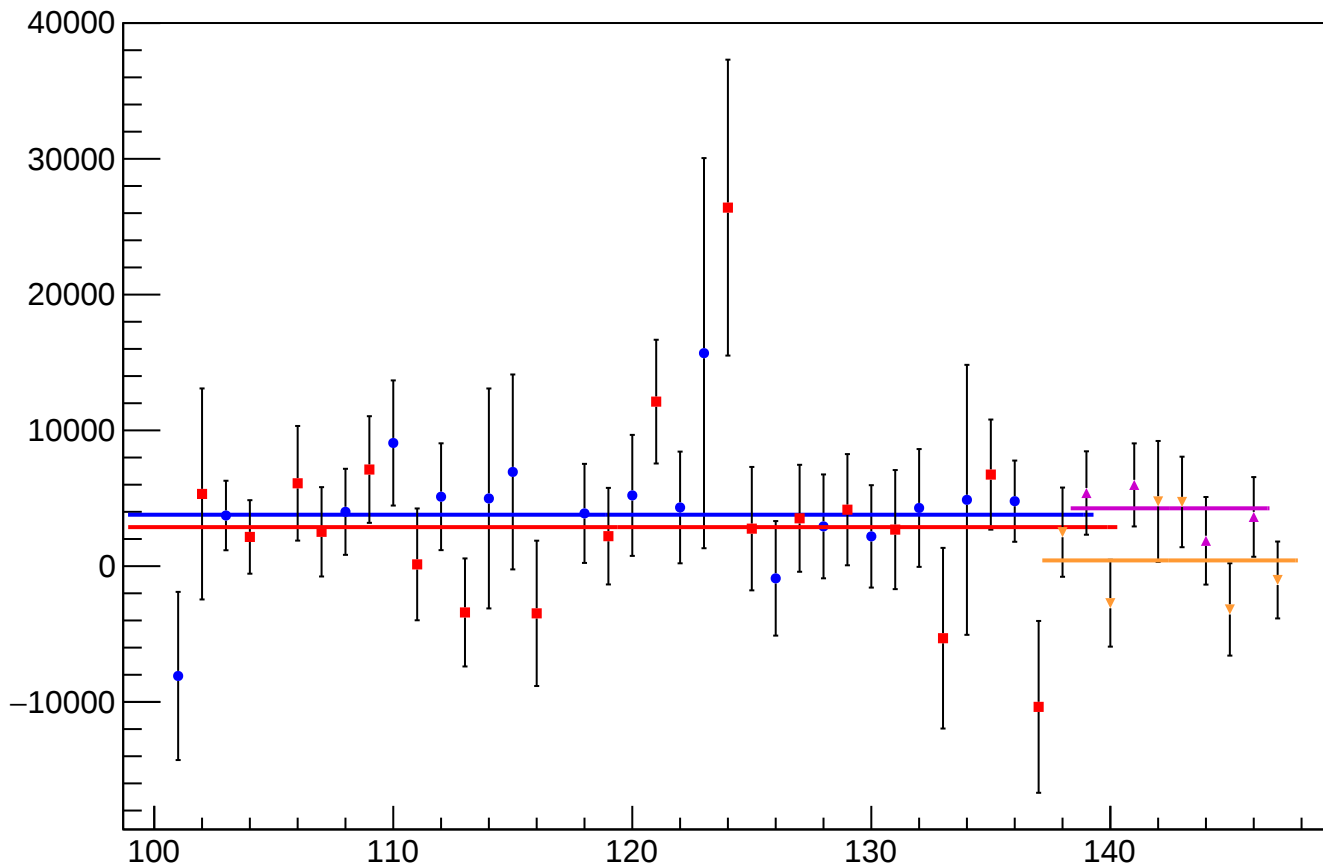
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2961.499+/-0.673 χ^2/NDF :677691.2/20

Out: 2947.294+/-0.627 χ^2/NDF :109770.1/23

All: 2953.888+/-0.459 χ^2/NDF : 787699.8/44

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: 4259.988+/-1533.918 χ^2/NDF : 1.0/3

Left: 2109.157+/-1016.968 χ^2/NDF : 9.9/9

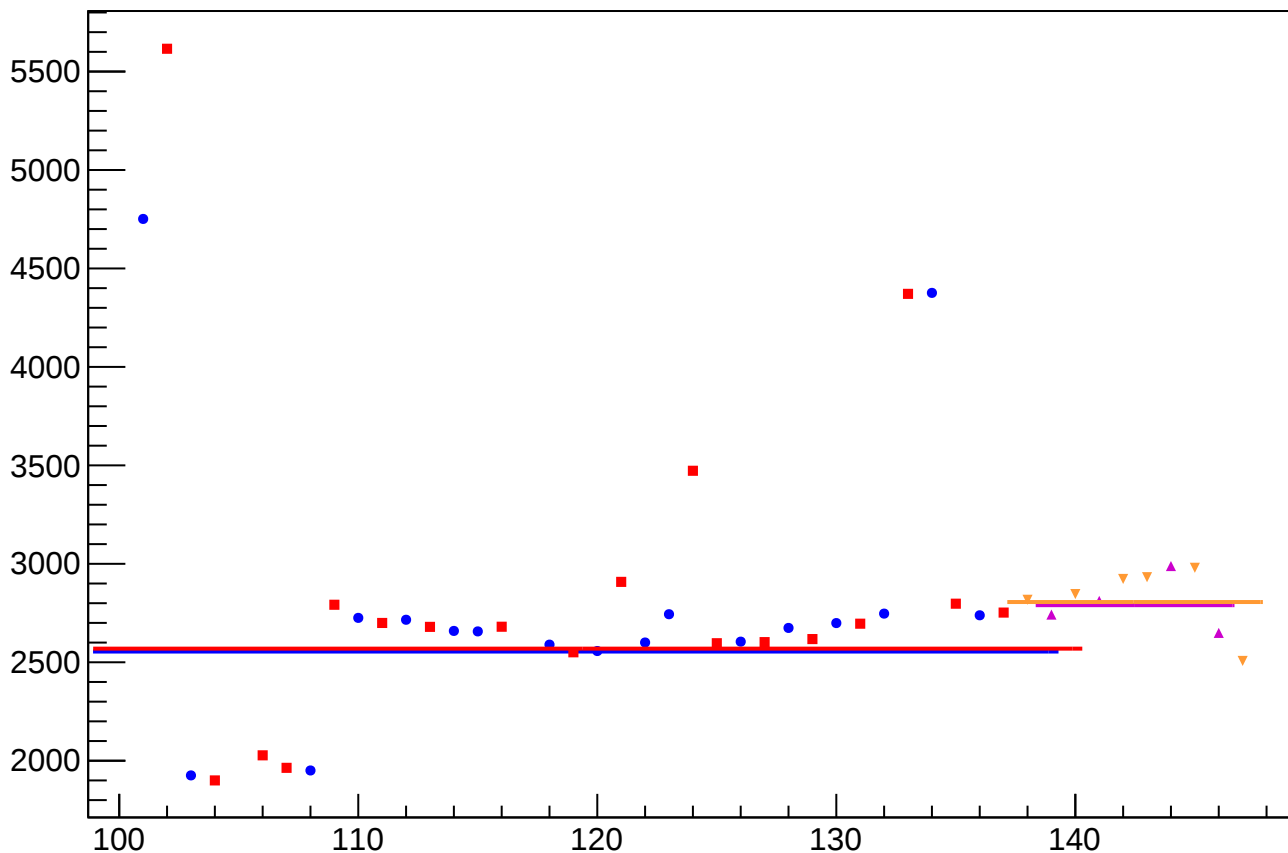
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3930.261+/-842.462 χ^2/NDF : 8.8/20

Out: 2008.239+/-807.451 χ^2/NDF : 29.5/23

All: 2928.483+/-582.938 χ^2/NDF : 41.1/44

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537+/-0.713 χ^2/NDF : 536626.0/16

Left Out: 2805.981+/-0.961 χ^2/NDF : 32140.2/5

Right Out: 2569.256+/-0.710 χ^2/NDF : 723332.1/17

Left In: 2790.041+/-1.085 χ^2/NDF : 12774.5/3

Left: 2798.974+/-0.719 χ^2/NDF : 45035.7/9

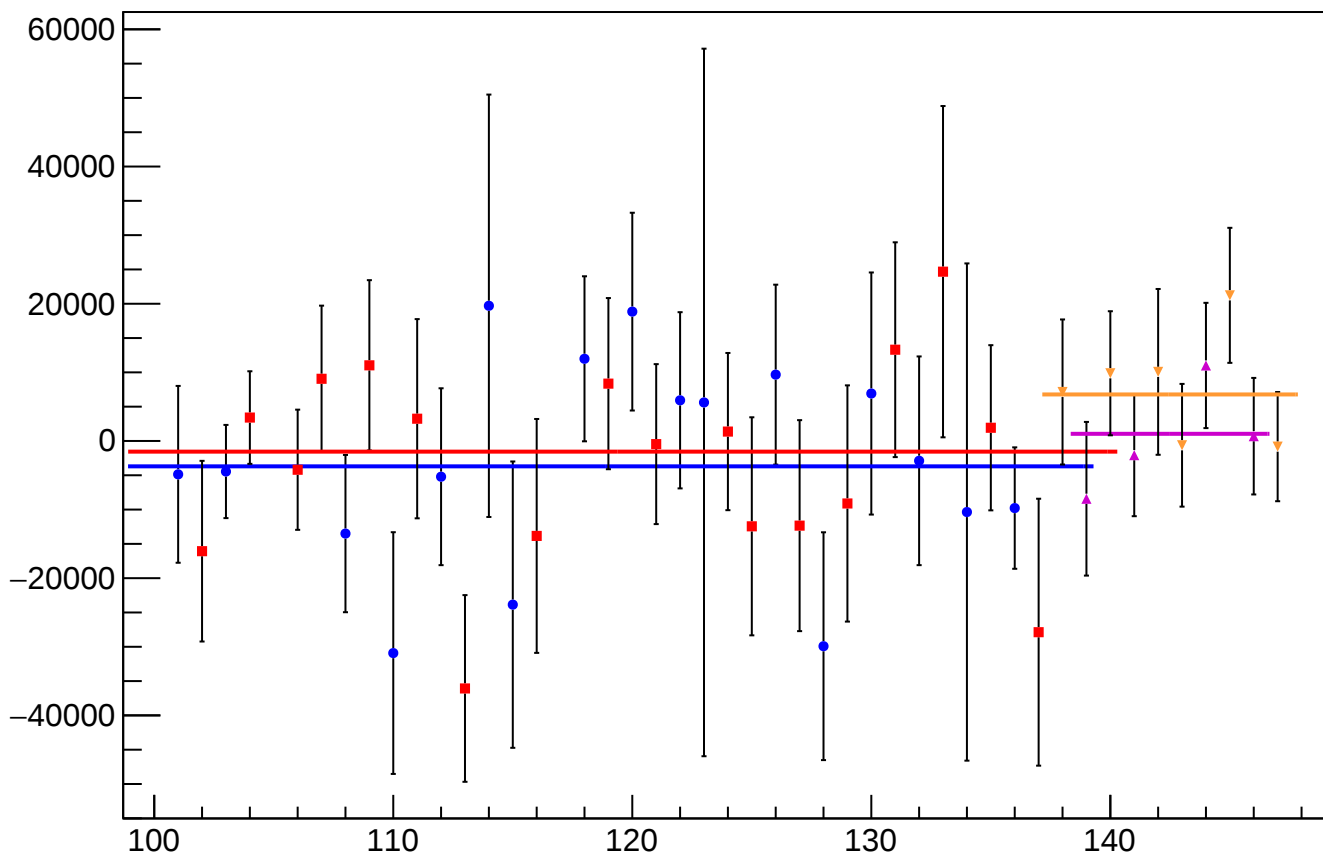
Right: 2561.929+/-0.503 χ^2/NDF : 1260172.2/34

In: 2625.576+/-0.596 χ^2/NDF : 582323.6/20

Out: 2652.849+/-0.571 χ^2/NDF : 794760.2/23

All: 2639.794+/-0.412 χ^2/NDF : 1378176.6/44

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 6779.943 $\pm$ 3873.658 χ^2 /NDF: 3.9/5

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 1041.909 $\pm$ 4639.122 χ^2 /NDF: 2.0/3

Left: 4422.748 $\pm$ 2973.390 χ^2 /NDF: 6.9/9

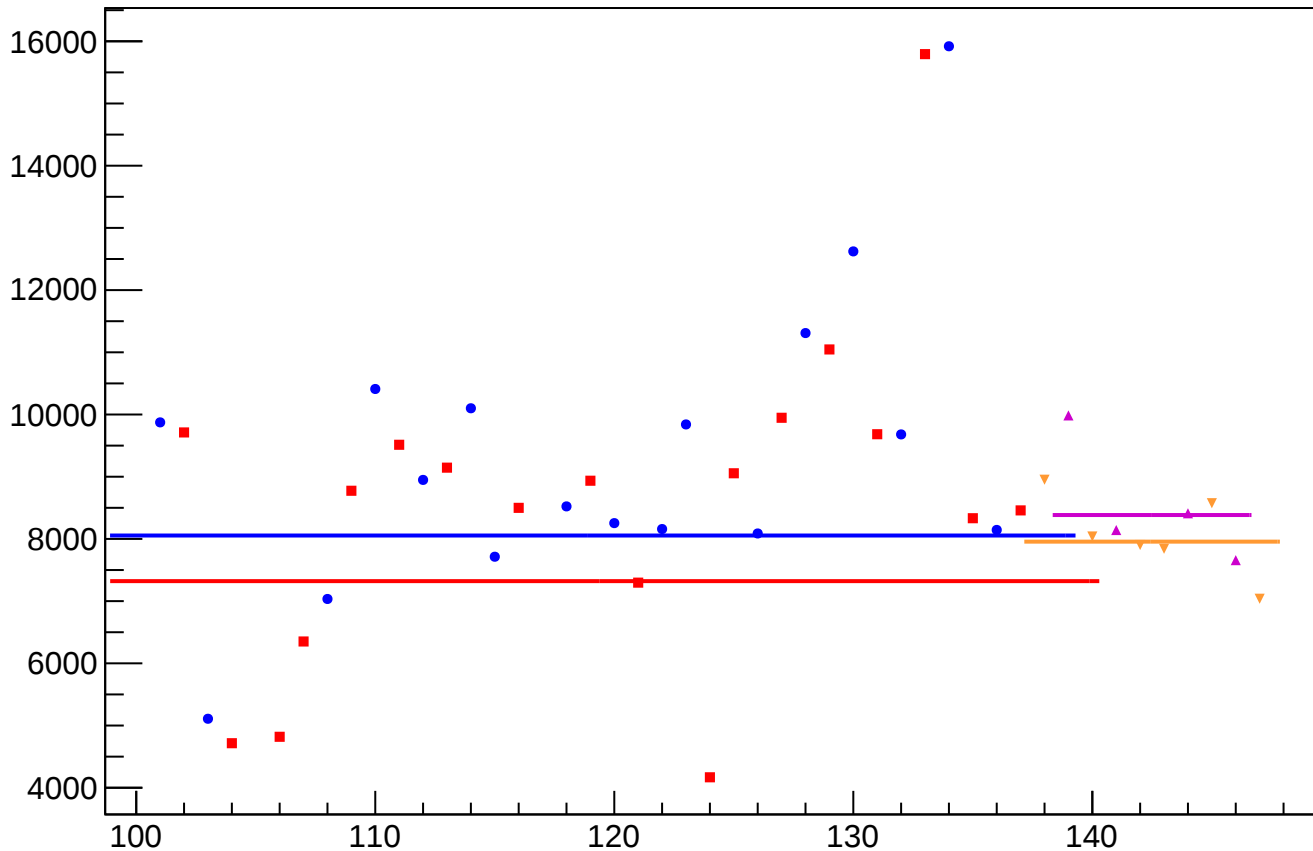
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -2159.326 $\pm$ 2644.046 χ^2 /NDF: 16.5/20

Out: 1453.751 $\pm$ 2327.532 χ^2 /NDF: 23.7/23

All: -123.691 $\pm$ 1747.057 χ^2 /NDF: 41.3/44

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 7956.380 $\pm$ 2.739 χ^2 /NDF: 52768.2/5

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8384.131 $\pm$ 3.280 χ^2 /NDF: 56960.1/3

Left: 8132.101 $\pm$ 2.103 χ^2 /NDF: 119746.8/9

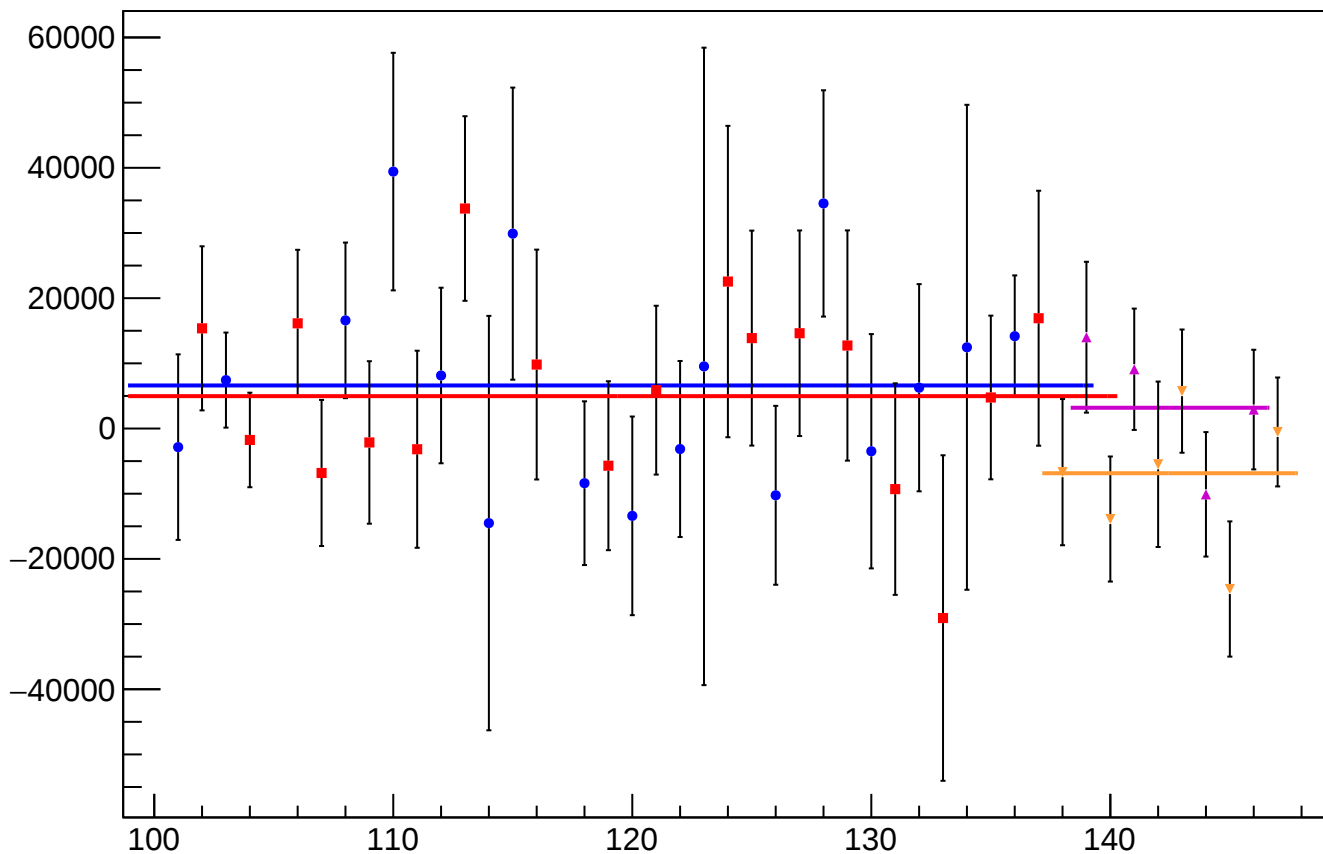
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8161.760 $\pm$ 1.870 χ^2 /NDF: 884529.7/20

Out: 7550.667 $\pm$ 1.646 χ^2 /NDF: 1423060.4/23

All: 7817.466 $\pm$ 1.235 χ^2 /NDF: 2367780.8/44

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: 3186.237+/-4888.364 χ^2/NDF : 3.2/3

Left: -2723.838+/-3136.125 χ^2/NDF : 11.5/9

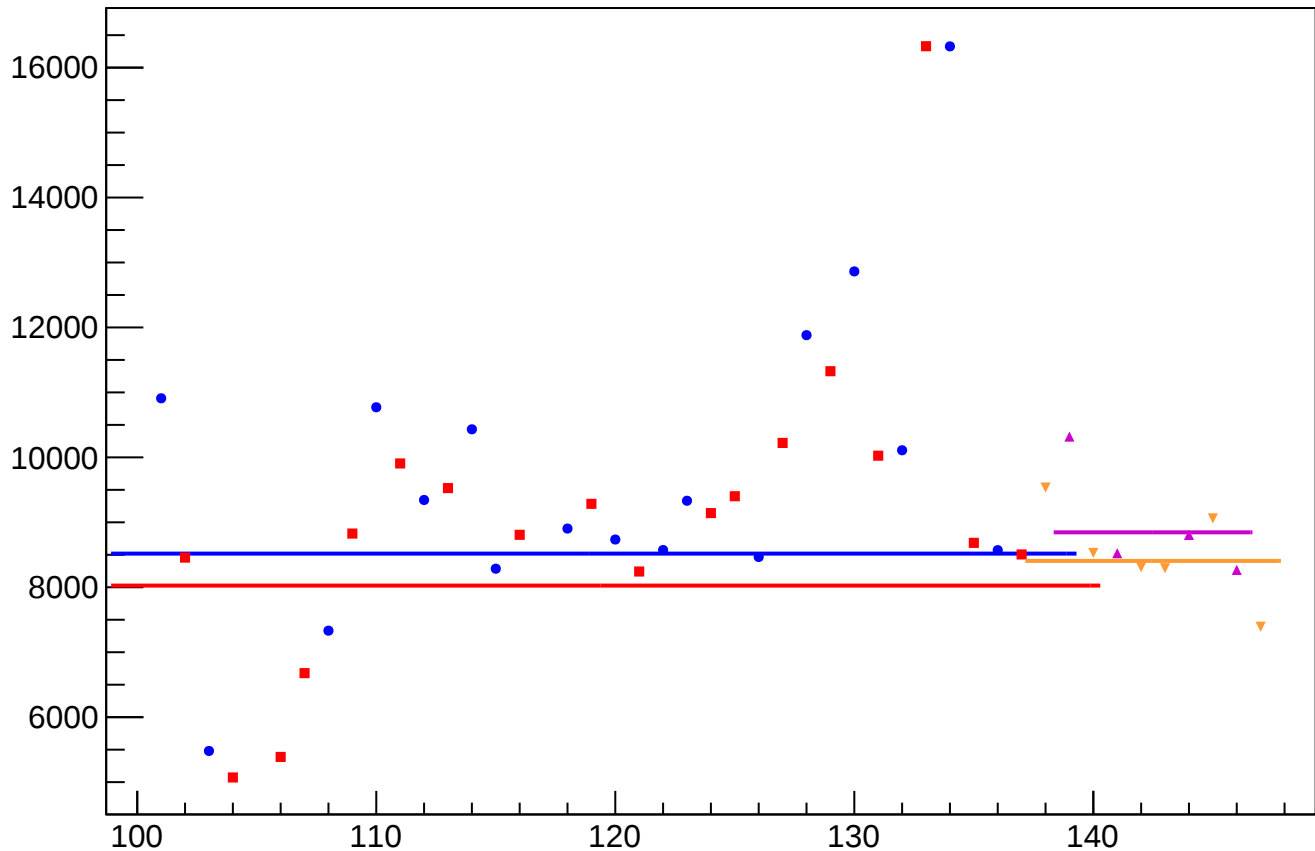
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 5493.757+/-2788.950 χ^2/NDF : 18.2/20

Out: 515.669+/-2508.554 χ^2/NDF : 24.6/23

All: 2741.959+/-1865.093 χ^2/NDF : 44.6/44

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: 8845.704+/-3.457 χ^2/NDF : 42807.8/3

Left: 8587.034+/-2.218 χ^2/NDF : 110746.5/9

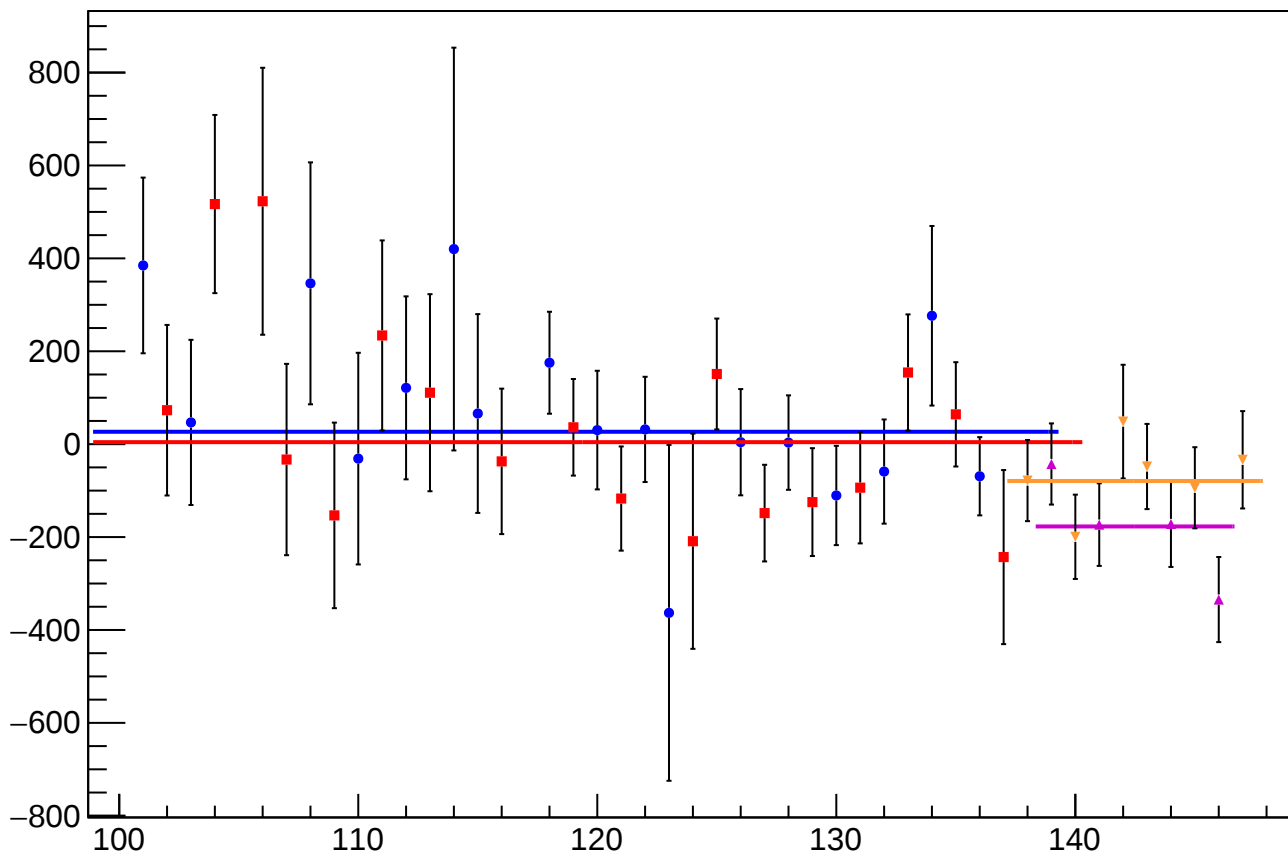
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8624.852+/-1.972 χ^2/NDF : 820855.1/20

Out: 8169.122+/-1.774 χ^2/NDF : 1011855.8/23

All: 8372.928+/-1.319 χ^2/NDF : 1862231.7/44

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: -177.144 $\pm$ -45.019 χ^2 /NDF:5.3/3

Left: -121.120 $\pm$ -29.442 χ^2 /NDF: 11.2/9

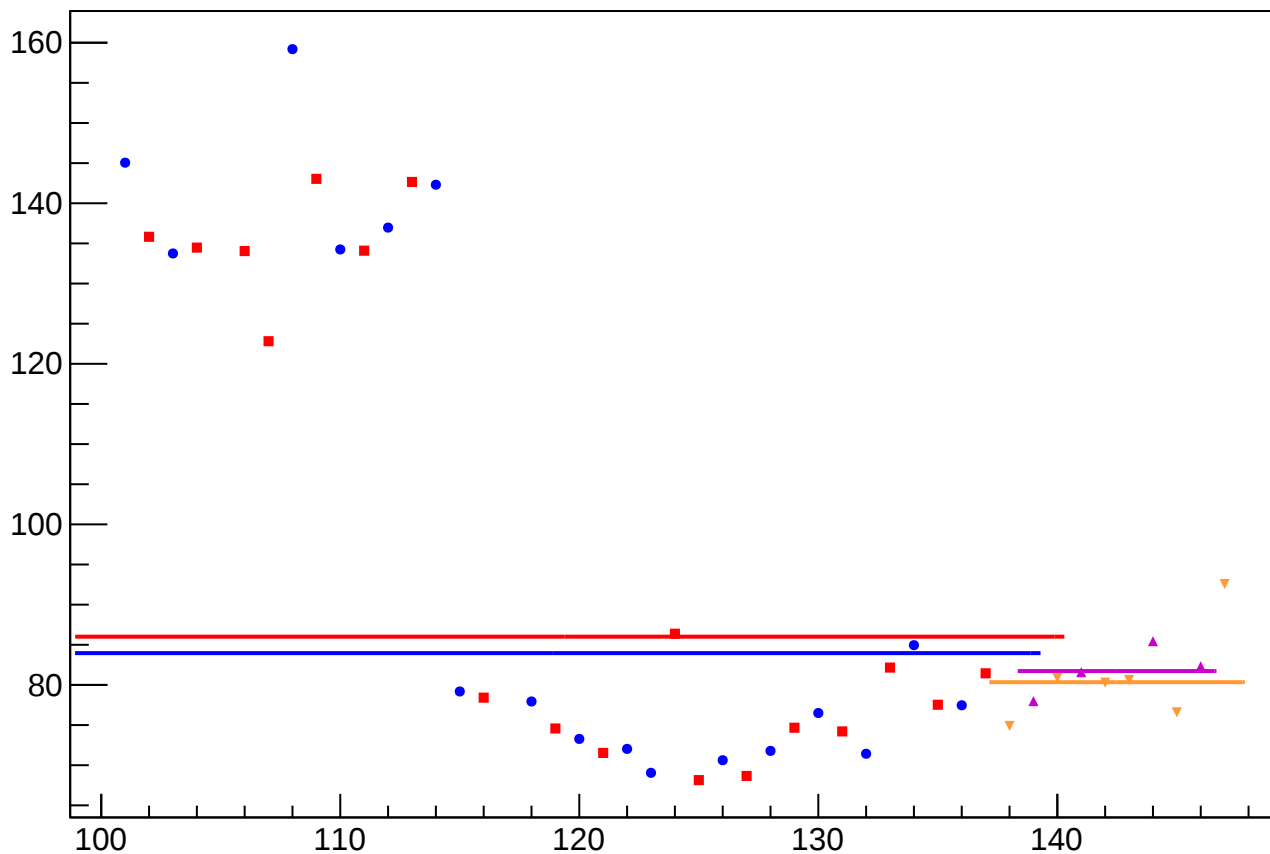
Right: 15.597 $\pm$ -23.853 χ^2 /NDF: 38.7/34

In: -46.290 $\pm$ -26.941 χ^2 /NDF:33.0/20

Out: -31.653 $\pm$ -25.537 χ^2 /NDF:29.7/23

All: -38.580 $\pm$ -18.534 χ^2 /NDF: 62.9/44

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2/NDF : 960253.6/16

Left Out: 80.342 $\pm$ 0.028 χ^2/NDF : 38808.3/5

Right Out: 86.012 $\pm$ 0.024 χ^2/NDF : 1026404.0/17

Left In: 81.728 $\pm$ 0.032 χ^2/NDF : 6990.2/3

Left: 80.935 $\pm$ 0.021 χ^2/NDF : 46883.3/9

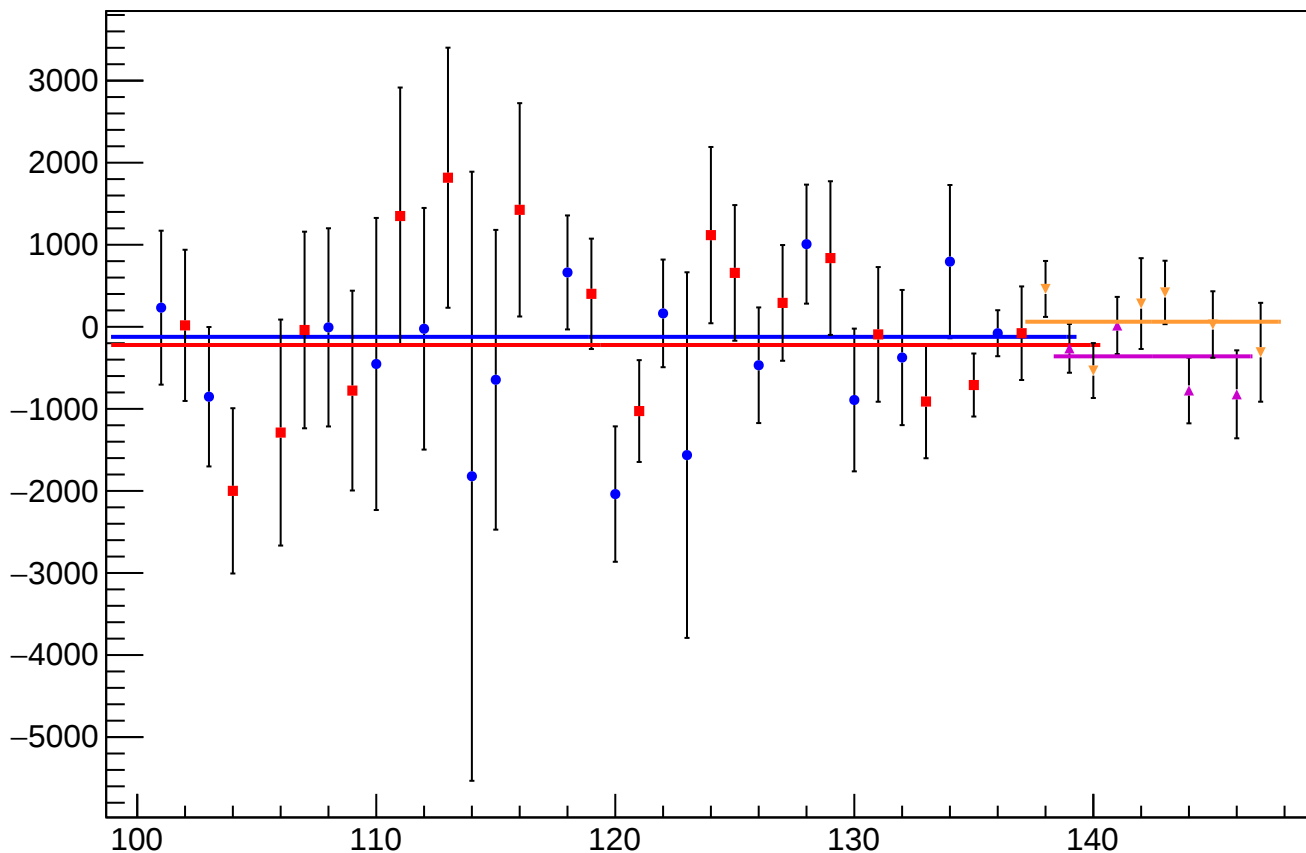
Right: 84.980 $\pm$ 0.017 χ^2/NDF : 1990355.7/34

In: 83.161 $\pm$ 0.019 χ^2/NDF : 970400.8/20

Out: 83.571 $\pm$ 0.018 χ^2/NDF : 1089384.1/23

All: 83.377 $\pm$ 0.013 χ^2/NDF : 2060028.4/44

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: 61.939+/-165.898 χ^2/NDF : 5.9/5

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -359.899+/-184.925 χ^2/NDF : 3.1/3

Left: -126.168+/-123.488 χ^2/NDF : 11.9/9

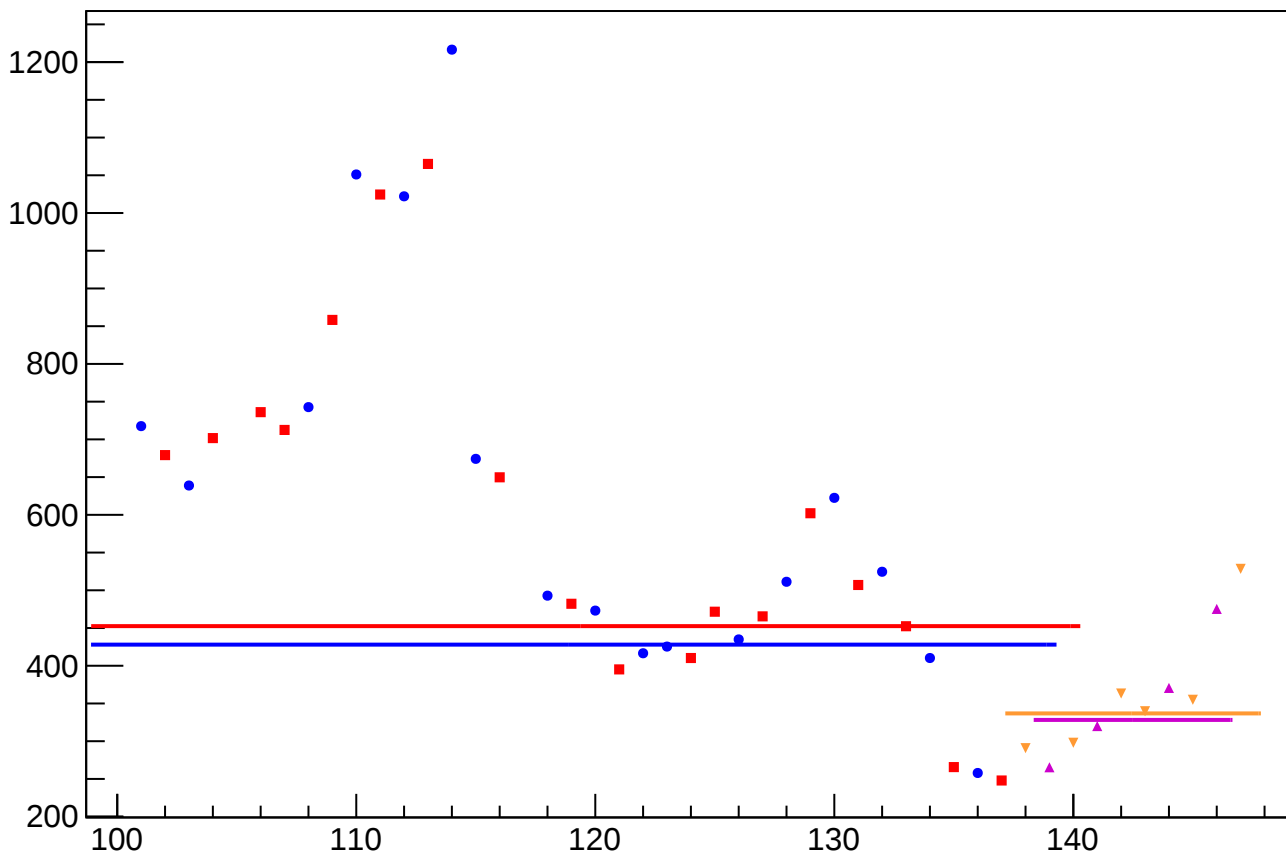
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -237.678+/-128.833 χ^2/NDF : 17.0/20

Out: -64.333+/-123.540 χ^2/NDF : 25.3/23

All: -147.371+/-89.168 χ^2/NDF : 43.2/44

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 336.829 $\pm$ 0.117 χ^2 /NDF:274338.6/5

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 328.206 $\pm$ 0.131 χ^2 /NDF:263120.2/3

Left: 332.984 $\pm$ 0.087 χ^2 /NDF: 539868.5/9

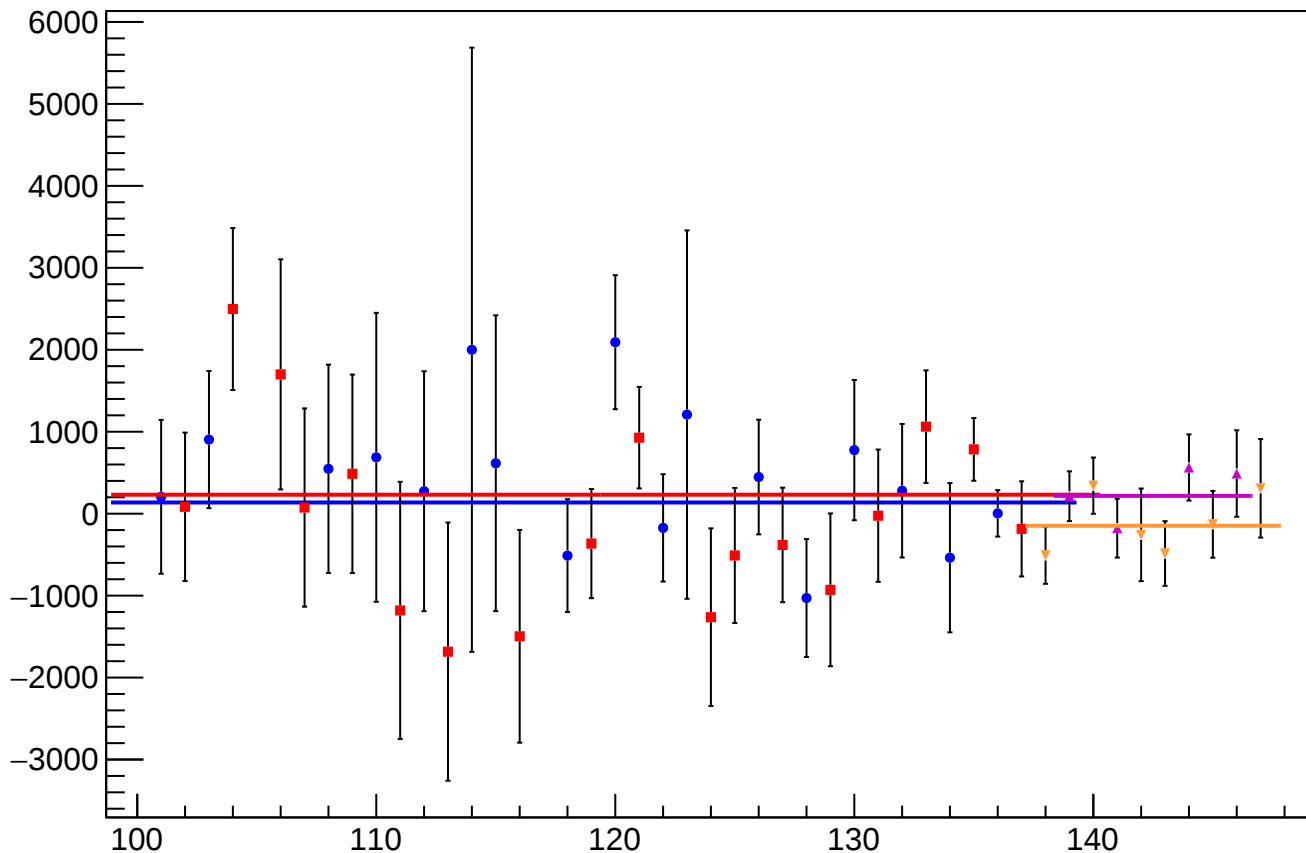
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 379.556 $\pm$ 0.091 χ^2 /NDF:2625026.2/20

Out: 388.359 $\pm$ 0.087 χ^2 /NDF:2780546.5/23

All: 384.142 $\pm$ 0.063 χ^2 /NDF: 5410437.0/44

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: 217.188 $\pm$ 187.795 χ^2 /NDF: 2.2/3

Left: 15.463 $\pm$ 125.506 χ^2 /NDF: 8.8/9

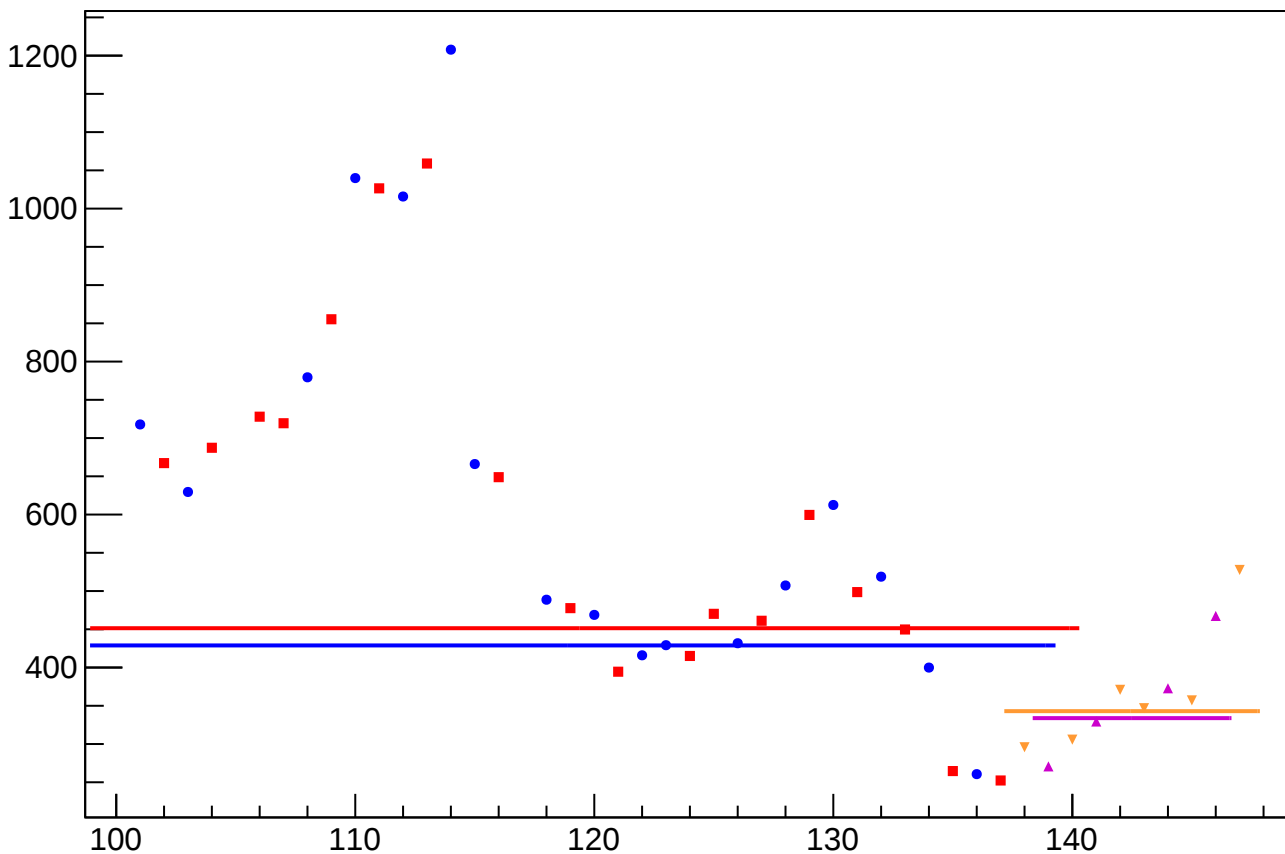
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 175.209 $\pm$ 129.800 χ^2 /NDF: 14.9/20

Out: 25.136 $\pm$ 124.532 χ^2 /NDF: 28.5/23

All: 97.065 $\pm$ 89.862 χ^2 /NDF: 44.1/44

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 342.966 $\pm$ 0.119 χ^2 /NDF:256753.3/5

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 333.843 $\pm$ 0.133 χ^2 /NDF:233673.1/3

Left: 338.891 $\pm$ 0.089 χ^2 /NDF: 493038.2/9

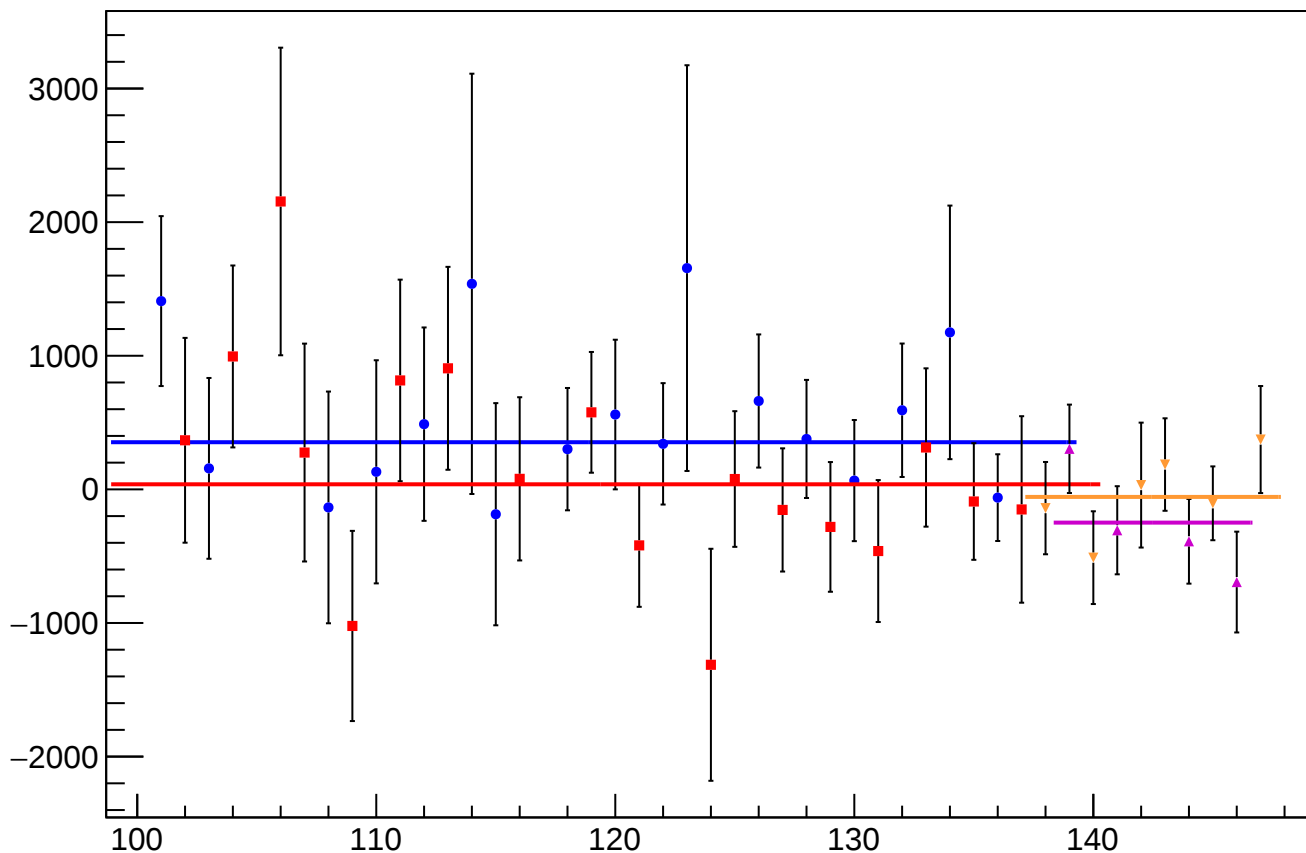
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 383.483 $\pm$ 0.092 χ^2 /NDF:2511828.5/20

Out: 392.330 $\pm$ 0.088 χ^2 /NDF:2663616.2/23

All: 388.090 $\pm$ 0.064 χ^2 /NDF: 5180282.4/44

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -56.488 ± 142.943 $\chi^2/\text{NDF}: 3.5/5$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -248.837 ± 168.279 $\chi^2/\text{NDF}: 4.4/3$

Left: -137.107 ± 108.944 $\chi^2/\text{NDF}: 8.6/9$

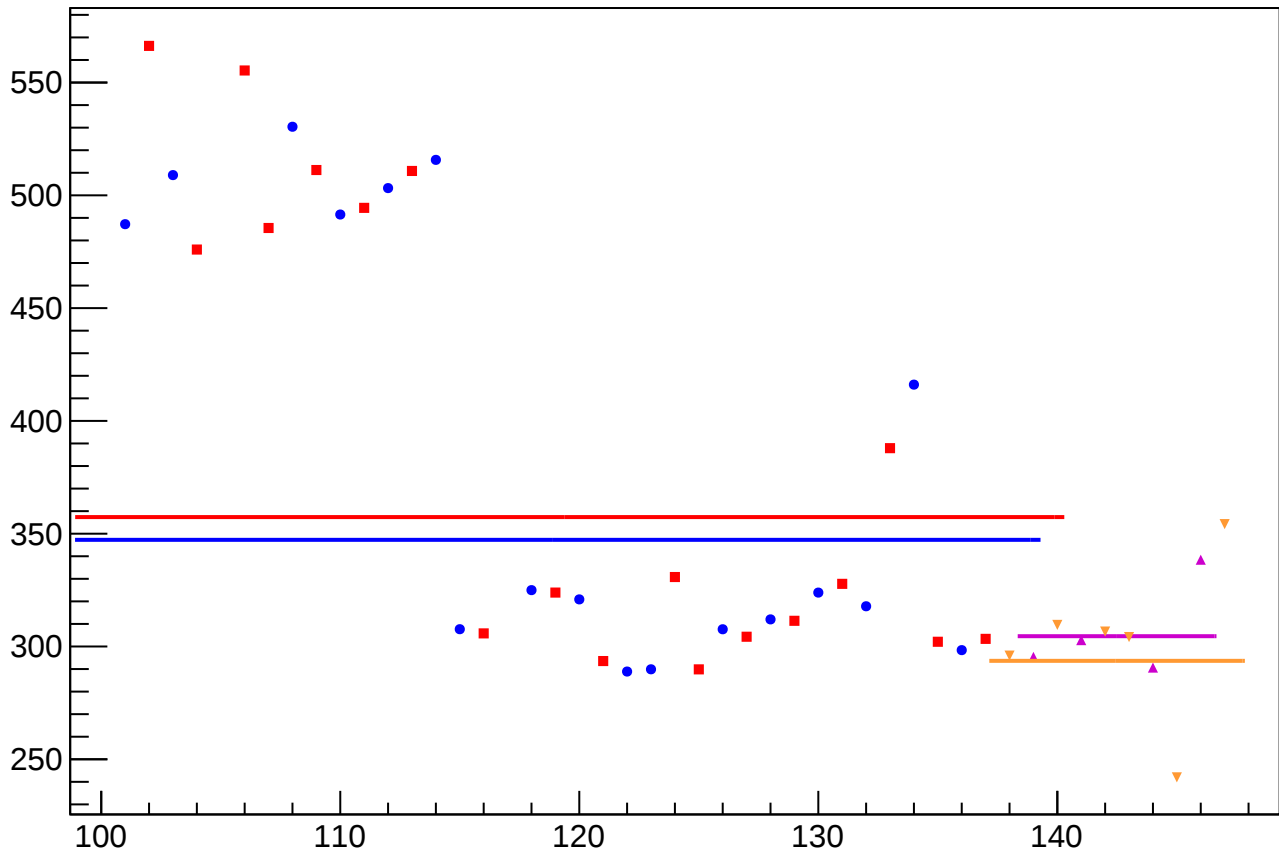
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 112.434 ± 106.382 $\chi^2/\text{NDF}: 20.6/20$

Out: -7.940 ± 99.661 $\chi^2/\text{NDF}: 20.6/23$

All: 48.325 ± 72.731 $\chi^2/\text{NDF}: 41.9/44$

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: 304.562 $\pm$ 0.119 χ^2/NDF :21605.0/3

Left: 298.217 $\pm$ 0.077 χ^2/NDF : 149906.1/9

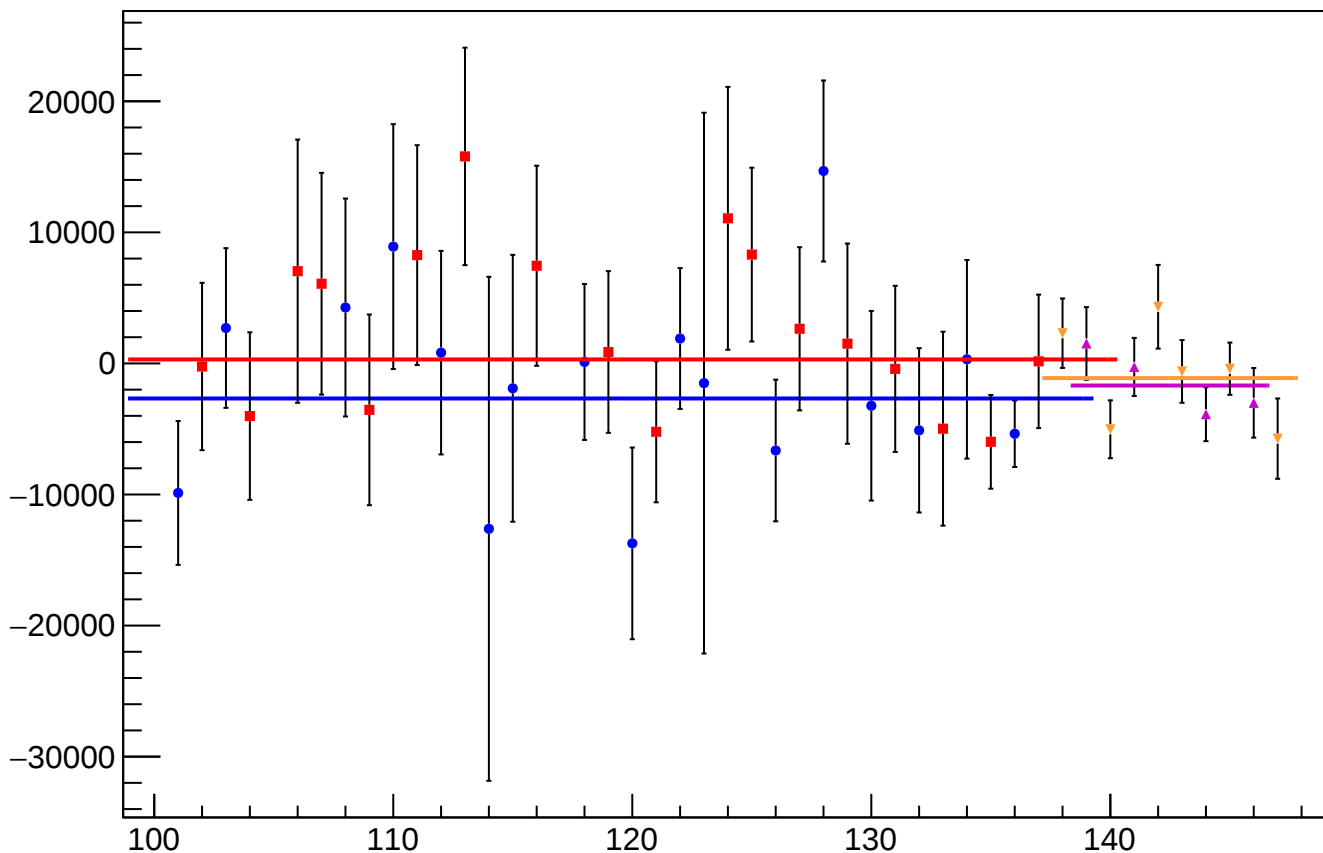
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 330.208 $\pm$ 0.075 χ^2/NDF :717884.4/20

Out: 326.388 $\pm$ 0.070 χ^2/NDF :1087617.0/23

All: 328.173 $\pm$ 0.051 χ^2/NDF : 1806875.0/44

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1119.804 $\pm$ 1011.122 χ^2 /NDF:10.1/5

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -1685.381 $\pm$ 1185.081 χ^2 /NDF:3.1/3

Left: -1358.073 $\pm$ 769.194 χ^2 /NDF: 13.4/9

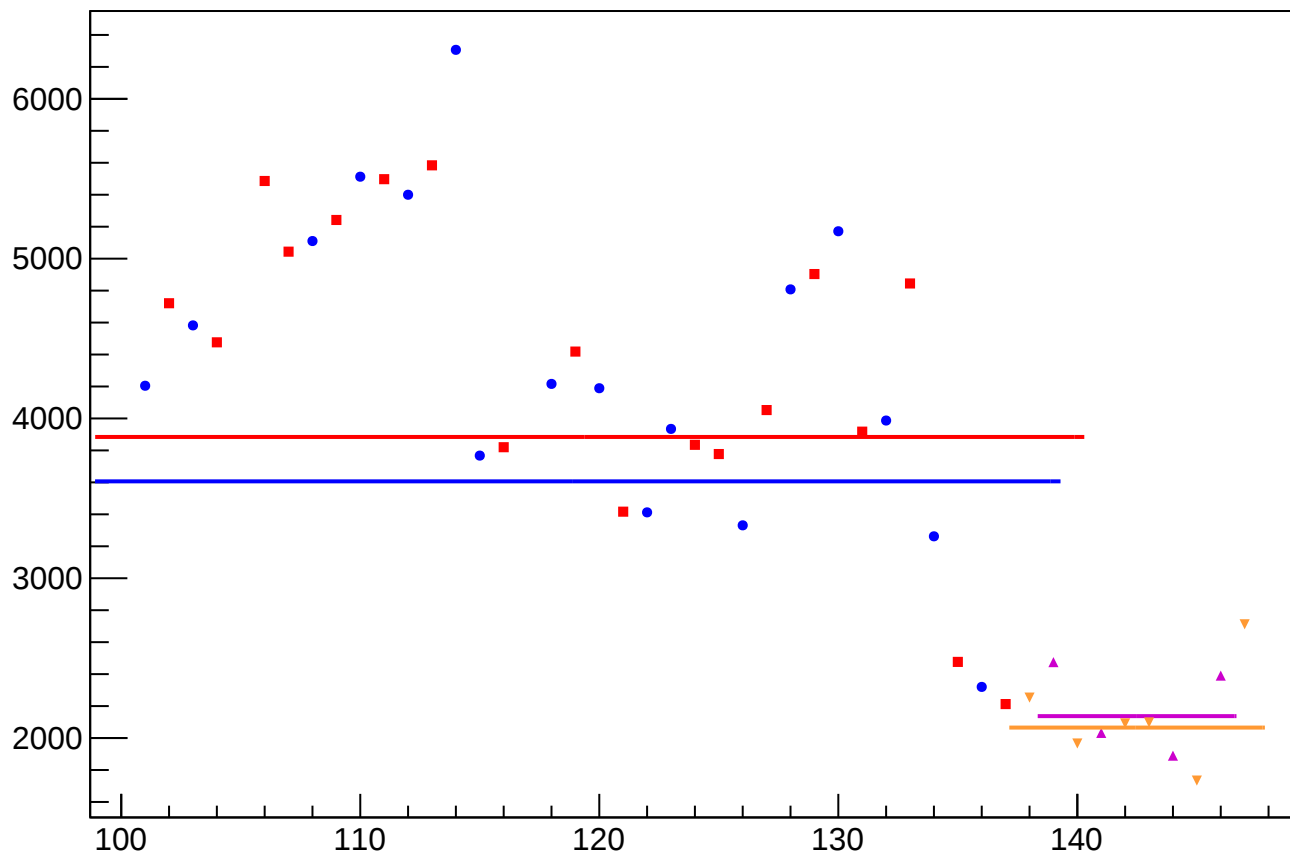
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -2079.284 $\pm$ 919.162 χ^2 /NDF:20.2/20

Out: -681.919 $\pm$ 841.500 χ^2 /NDF:25.1/23

All: -1319.085 $\pm$ 620.674 χ^2 /NDF: 46.5/44

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: 2137.142 $\pm$ 0.838 χ^2/NDF :81408.1/3

Left: 2095.680 $\pm$ 0.544 χ^2/NDF : 244473.2/9

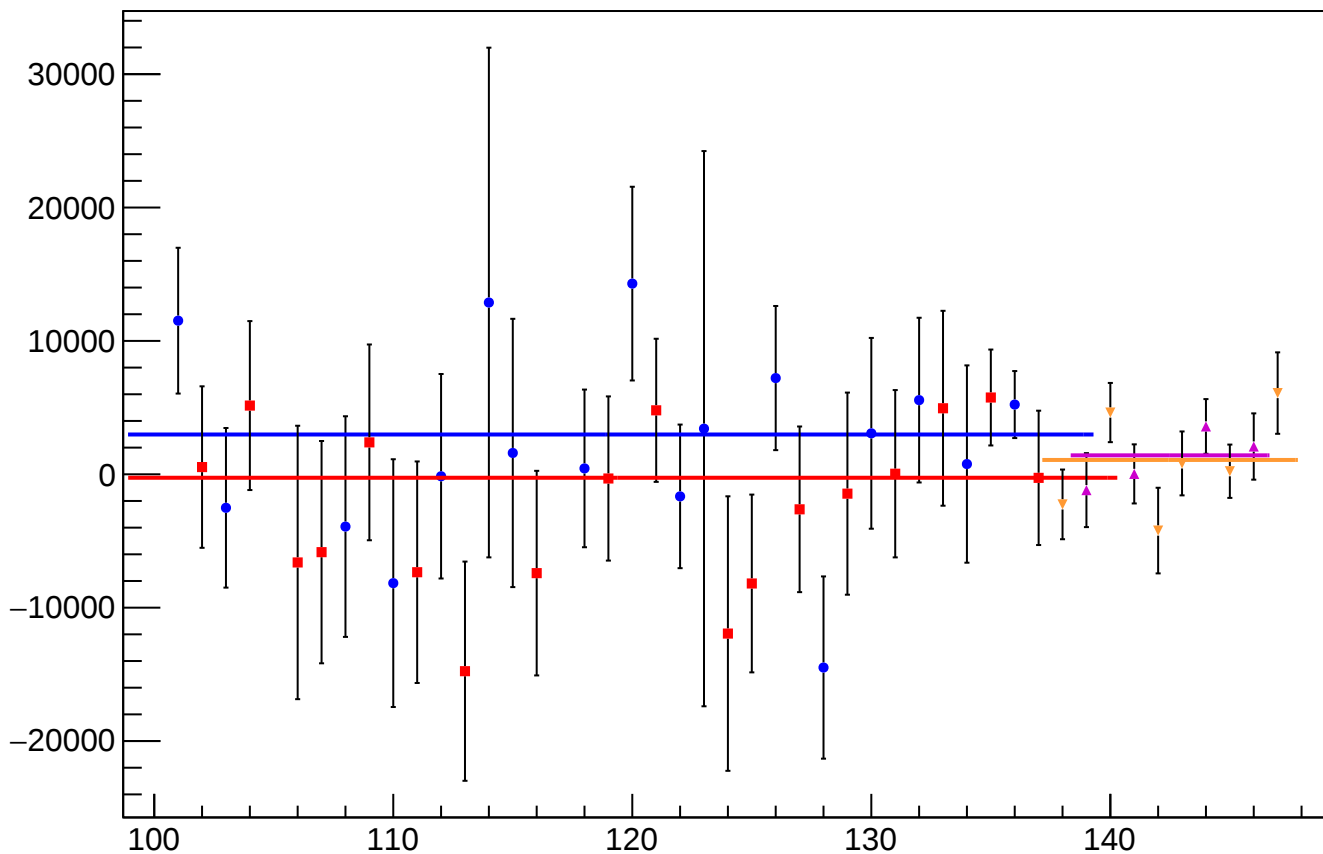
Right: 3739.524 $\pm$ 0.743 χ^2/NDF : 2121988.0/34

In: 2722.519 $\pm$ 0.650 χ^2/NDF :2398696.6/20

Out: 2624.512 $\pm$ 0.595 χ^2/NDF :3142286.9/23

All: 2669.201 $\pm$ 0.439 χ^2/NDF : 5553353.7/4

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: 1420.943+/-1167.602 χ^2/NDF : 2.5/3

Left: 1223.124+/-764.327 χ^2/NDF : 12.3/9

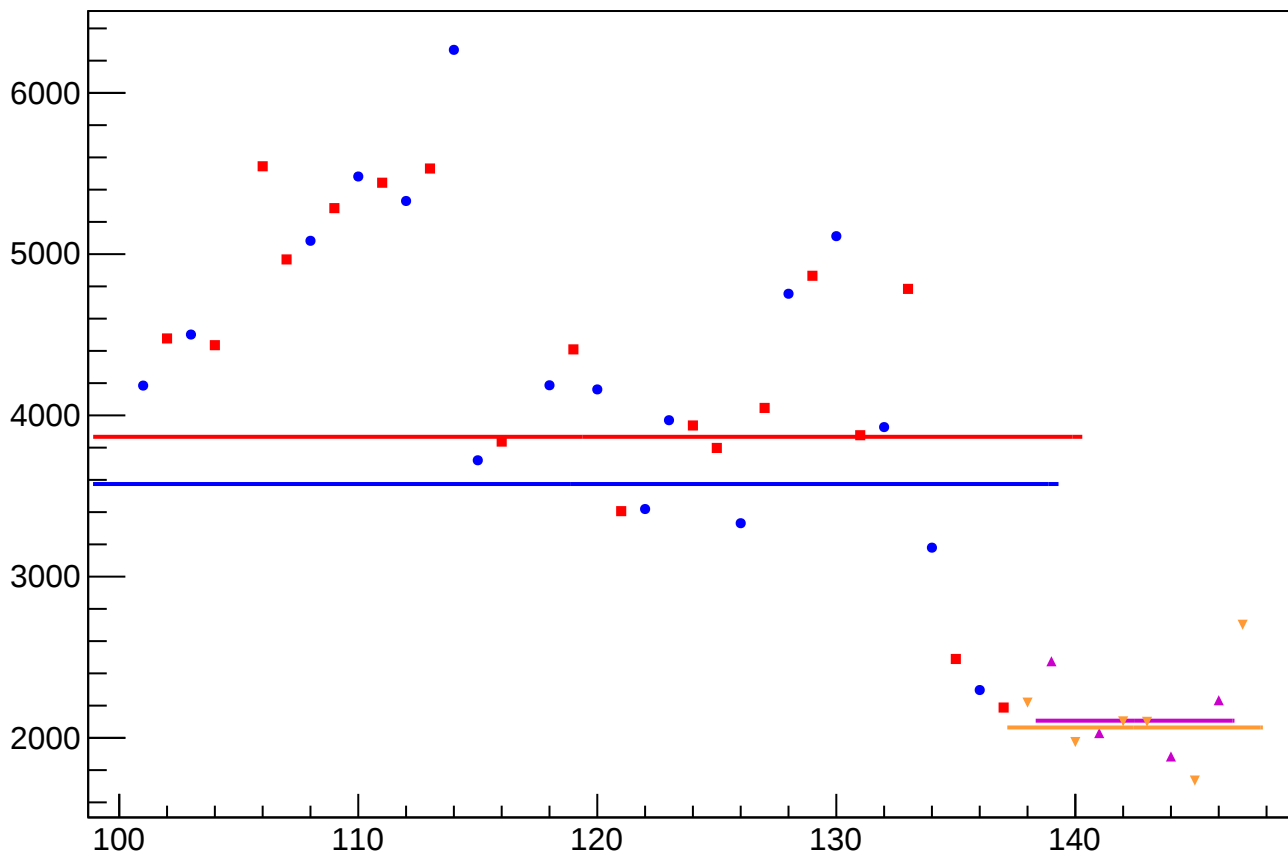
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 2038.915+/-907.836 χ^2/NDF : 20.6/20

Out: 661.821+/-840.184 χ^2/NDF : 23.8/23

All: 1297.152+/-616.631 χ^2/NDF : 45.7/44

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: 2106.595 $\pm$ 0.826 χ^2/NDF : 66398.2/3

Left: 2082.497 $\pm$ 0.540 χ^2/NDF : 220239.4/9

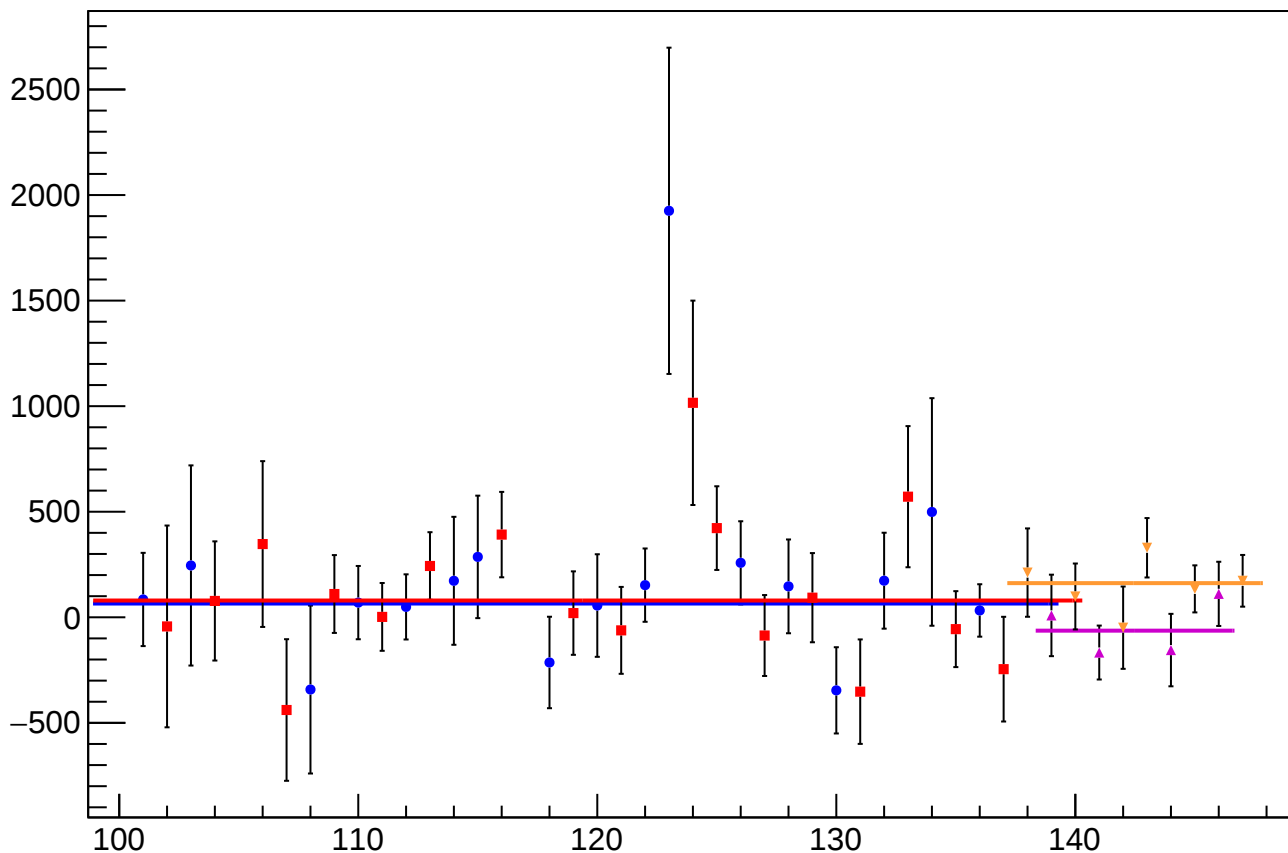
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2687.039 $\pm$ 0.642 χ^2/NDF : 2407597.3/20

Out: 2622.313 $\pm$ 0.594 χ^2/NDF : 3088229.3/23

All: 2652.175 $\pm$ 0.436 χ^2/NDF : 5501302.8/44

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: -63.295+/-77.761 χ^2/NDF : 2.4/3

Left: 79.678+/-46.971 χ^2/NDF : 10.6/9

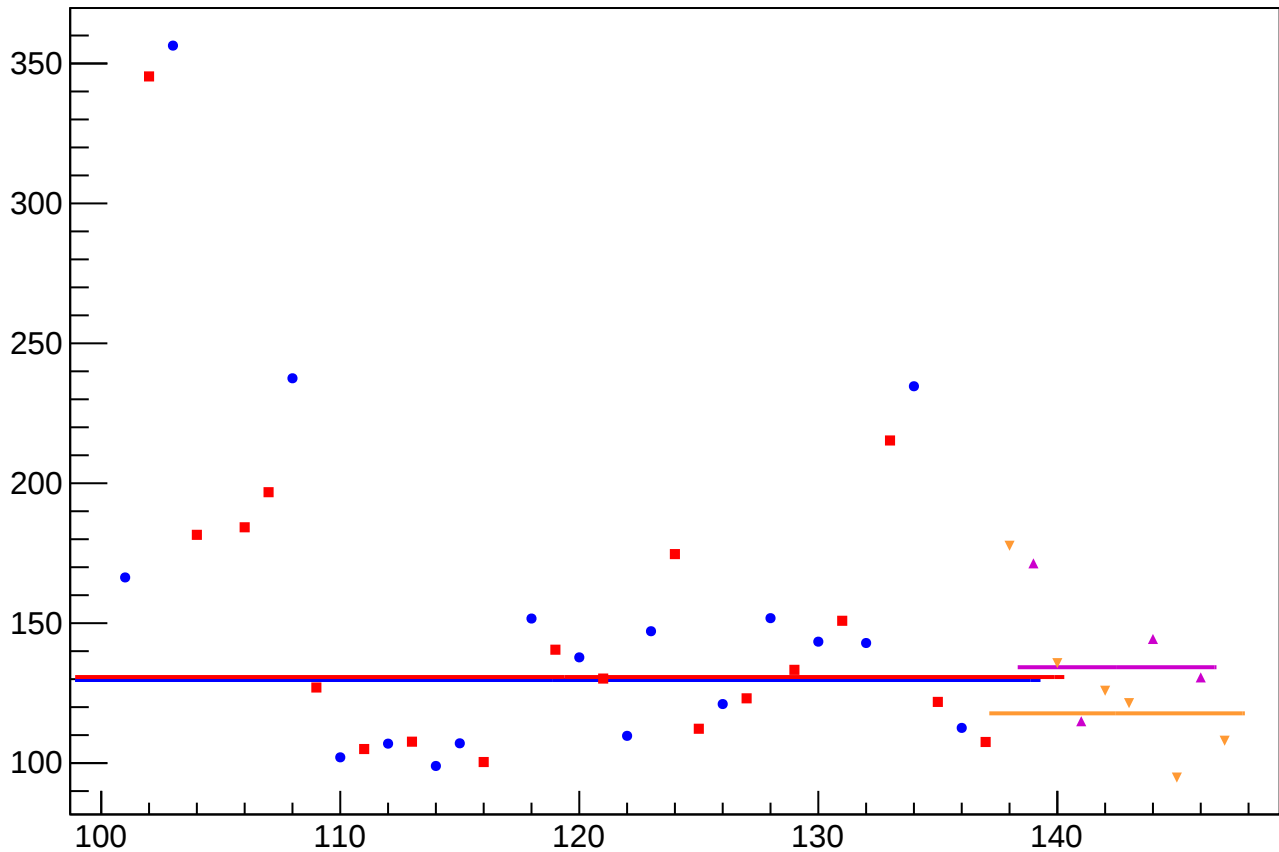
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 24.774+/-43.625 χ^2/NDF : 20.0/20

Out: 115.781+/-39.138 χ^2/NDF : 26.1/23

All: 75.198+/-29.132 χ^2/NDF : 48.5/44

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: 134.260 $\pm$ 0.055 χ^2 /NDF:127722.6/3

Left: 123.792 $\pm$ 0.033 χ^2 /NDF: 477352.3/9

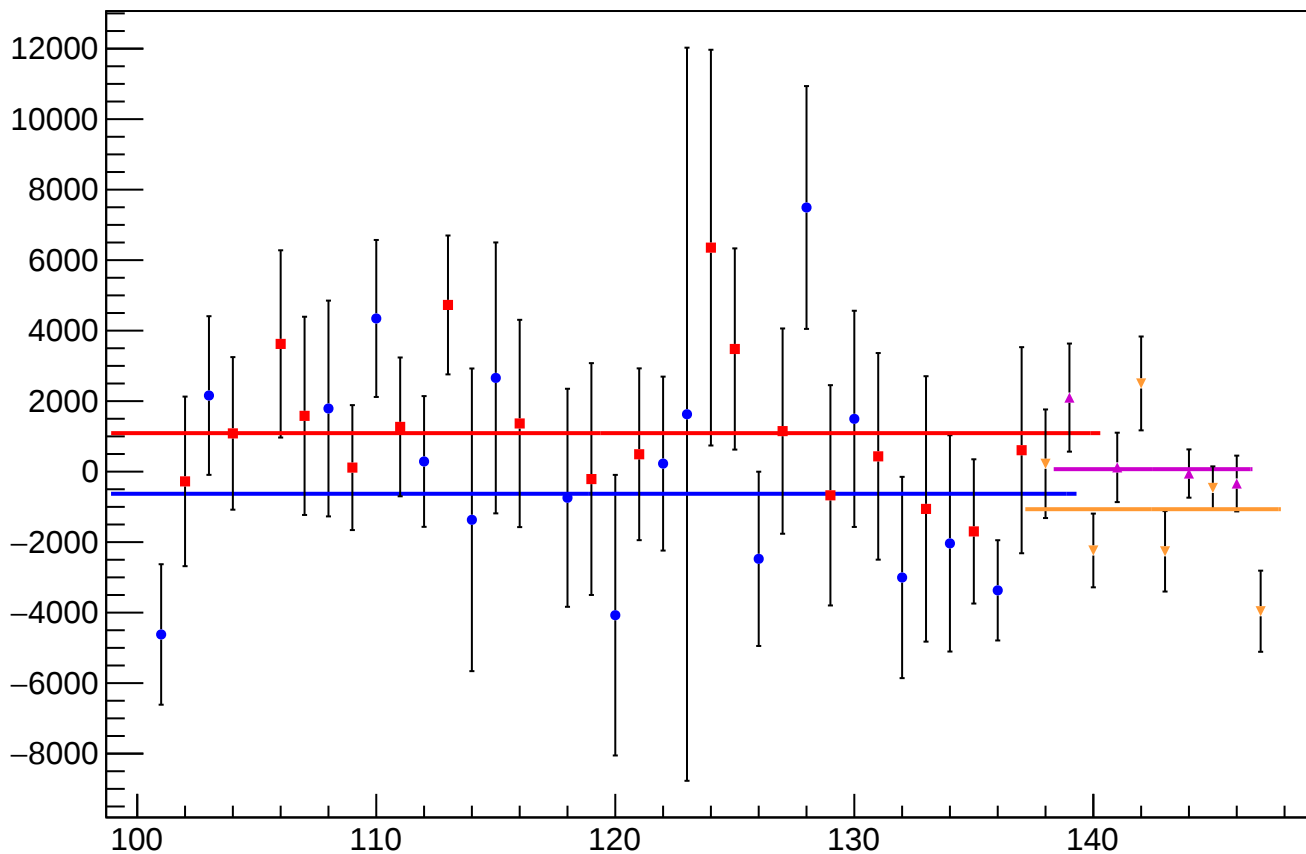
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 131.133 $\pm$ 0.031 χ^2 /NDF:1122125.7/20

Out: 125.031 $\pm$ 0.028 χ^2 /NDF:1274266.9/23

All: 127.752 $\pm$ 0.021 χ^2 /NDF: 2418073.6/44

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1065.696 ± 404.787 $\chi^2/\text{NDF}: 17.5/5$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 70.008 ± 439.110 $\chi^2/\text{NDF}: 2.1/3$

Left: -543.959 ± 297.623 $\chi^2/\text{NDF}: 23.2/9$

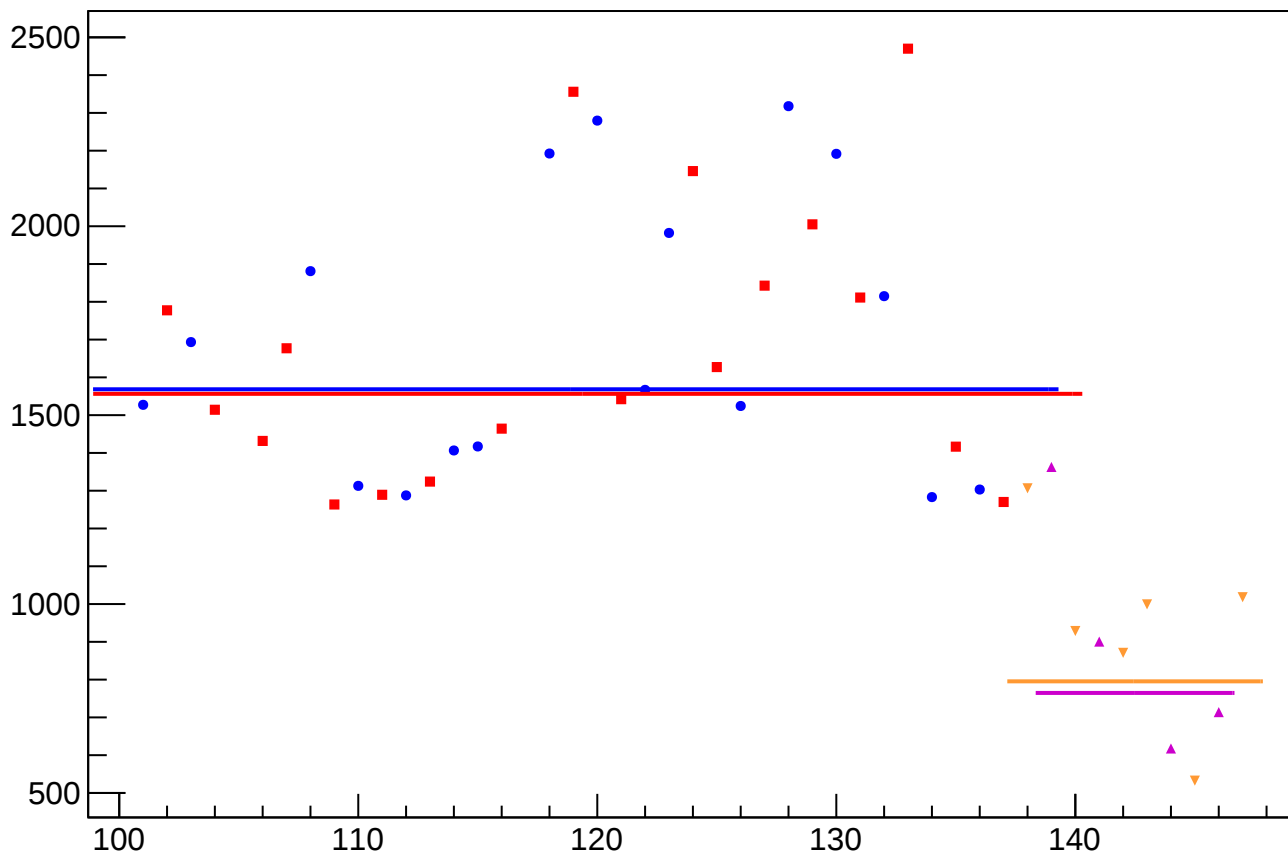
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -162.474 ± 358.626 $\chi^2/\text{NDF}: 27.2/20$

Out: -390.021 ± 335.472 $\chi^2/\text{NDF}: 35.8/23$

All: -283.830 ± 244.991 $\chi^2/\text{NDF}: 63.2/44$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2 /NDF: 534197.6/16

Left Out: 795.427+/-0.286 χ^2 /NDF: 767747.9/5

Right Out: 1556.423+/-0.424 χ^2 /NDF: 510453.6/17

Left In: 764.751+/-0.310 χ^2 /NDF: 442905.3/3

Left: 781.335+/-0.210 χ^2 /NDF: 1215930.0/9

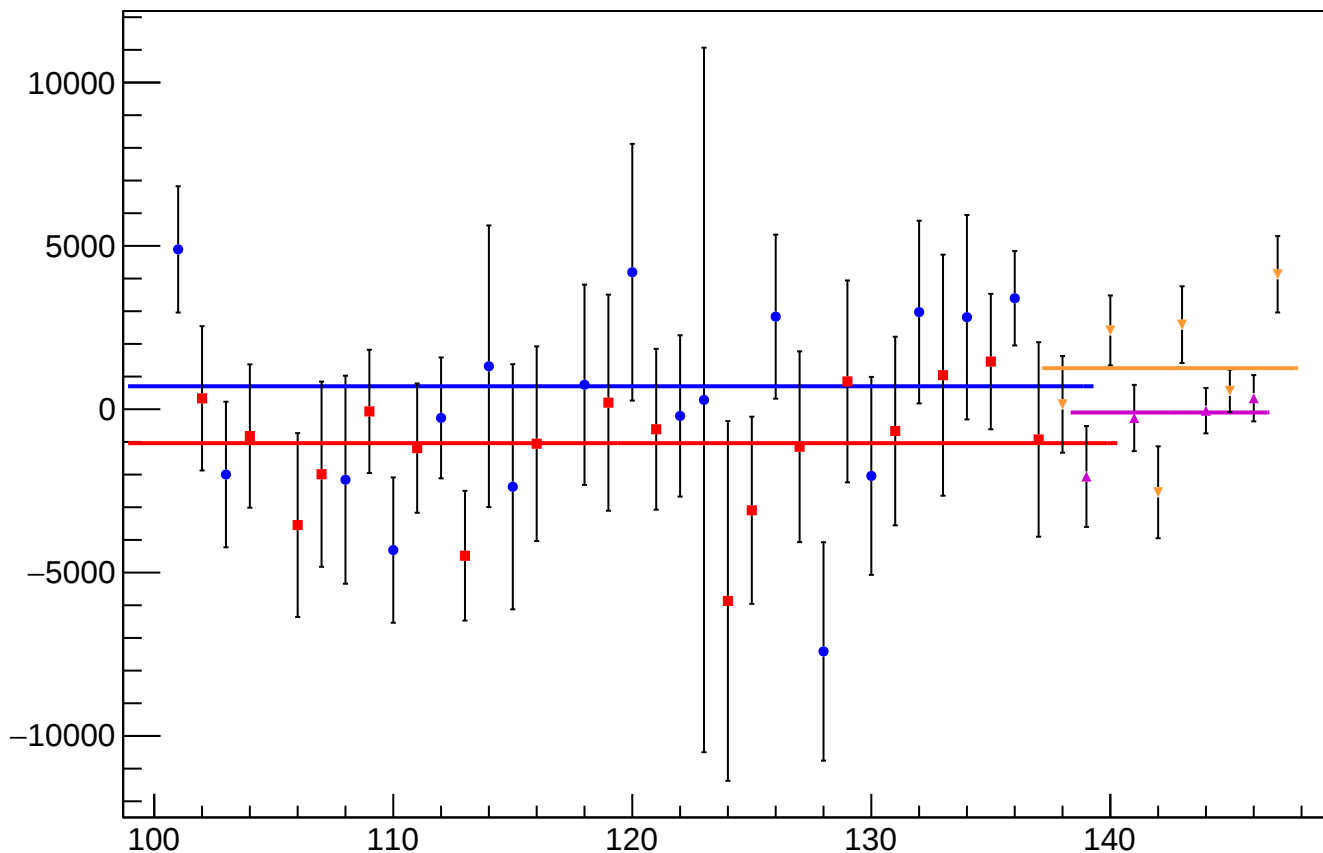
Right: 1562.235+/-0.305 χ^2 /NDF: 1045041.2/34

In: 1032.378+/-0.254 χ^2 /NDF: 3208228.6/20

Out: 1033.737+/-0.237 χ^2 /NDF: 3491808.7/23

All: 1033.103+/-0.173 χ^2 /NDF: 6700052.6/44

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: -99.663+/-427.637 χ^2/NDF : 2.0/3

Left: 589.967+/-299.849 χ^2/NDF : 24.6/9

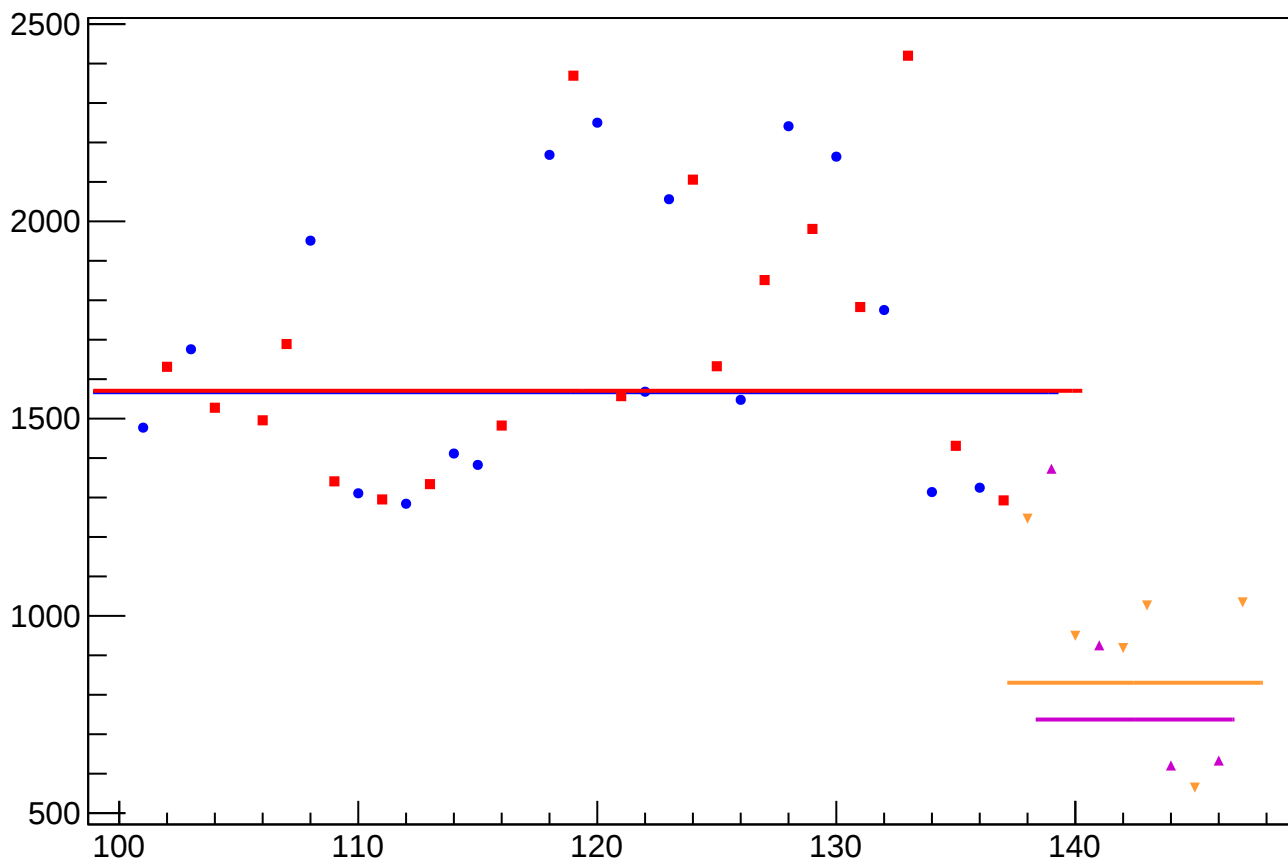
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 158.763+/-352.136 χ^2/NDF : 29.1/20

Out: 507.895+/-345.179 χ^2/NDF : 35.4/23

All: 336.812+/-246.501 χ^2/NDF : 65.0/44

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: 737.241 $\pm$ 0.302 χ^2 /NDF: 507643.3/3

Left: 784.640 $\pm$ 0.212 χ^2 /NDF: 1197092.6/9

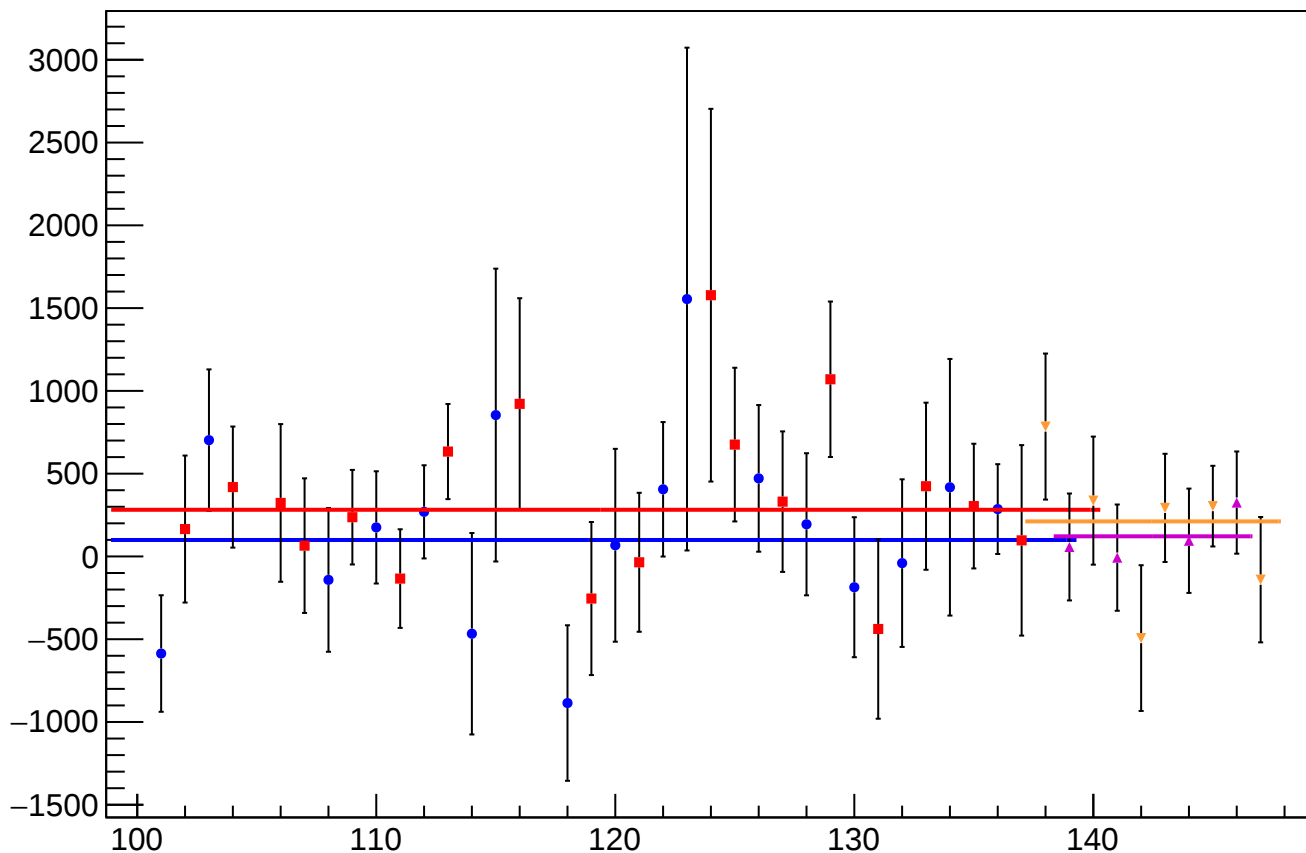
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1004.351 $\pm$ 0.249 χ^2 /NDF: 3431241.0/20

Out: 1071.986 $\pm$ 0.244 χ^2 /NDF: 3101477.1/23

All: 1038.843 $\pm$ 0.174 χ^2 /NDF: 6570345.3/44

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: 121.555 $\pm$ 158.369 χ^2/NDF : 0.6/3

Left: 171.837 $\pm$ 105.381 χ^2/NDF : 6.3/9

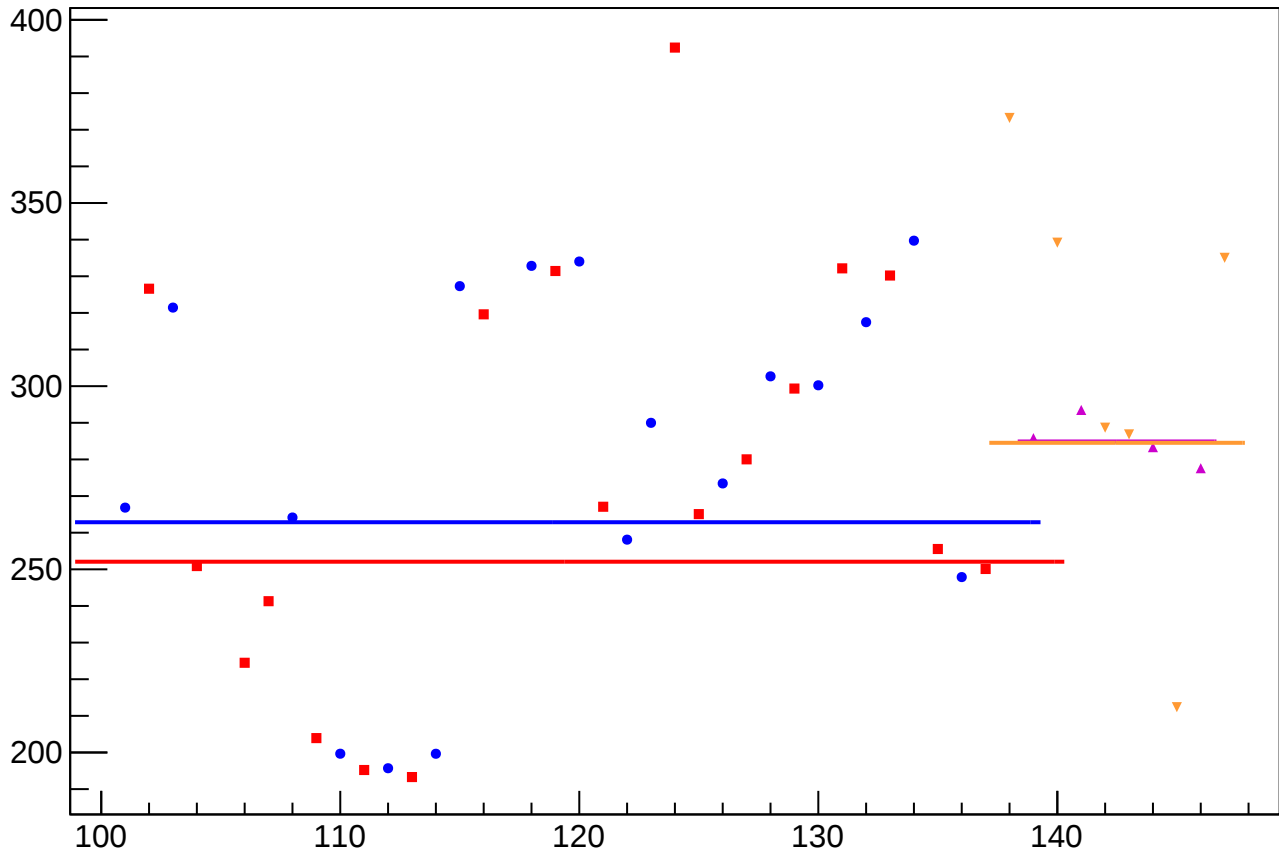
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 106.018 $\pm$ 86.617 χ^2/NDF : 16.6/20

Out: 259.092 $\pm$ 80.437 χ^2/NDF : 19.3/23

All: 188.210 $\pm$ 58.941 χ^2/NDF : 37.6/44

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: 284.906+/-0.112 χ^2/NDF :2622.5/3

Left: 284.701+/-0.075 χ^2/NDF : 334782.4/9

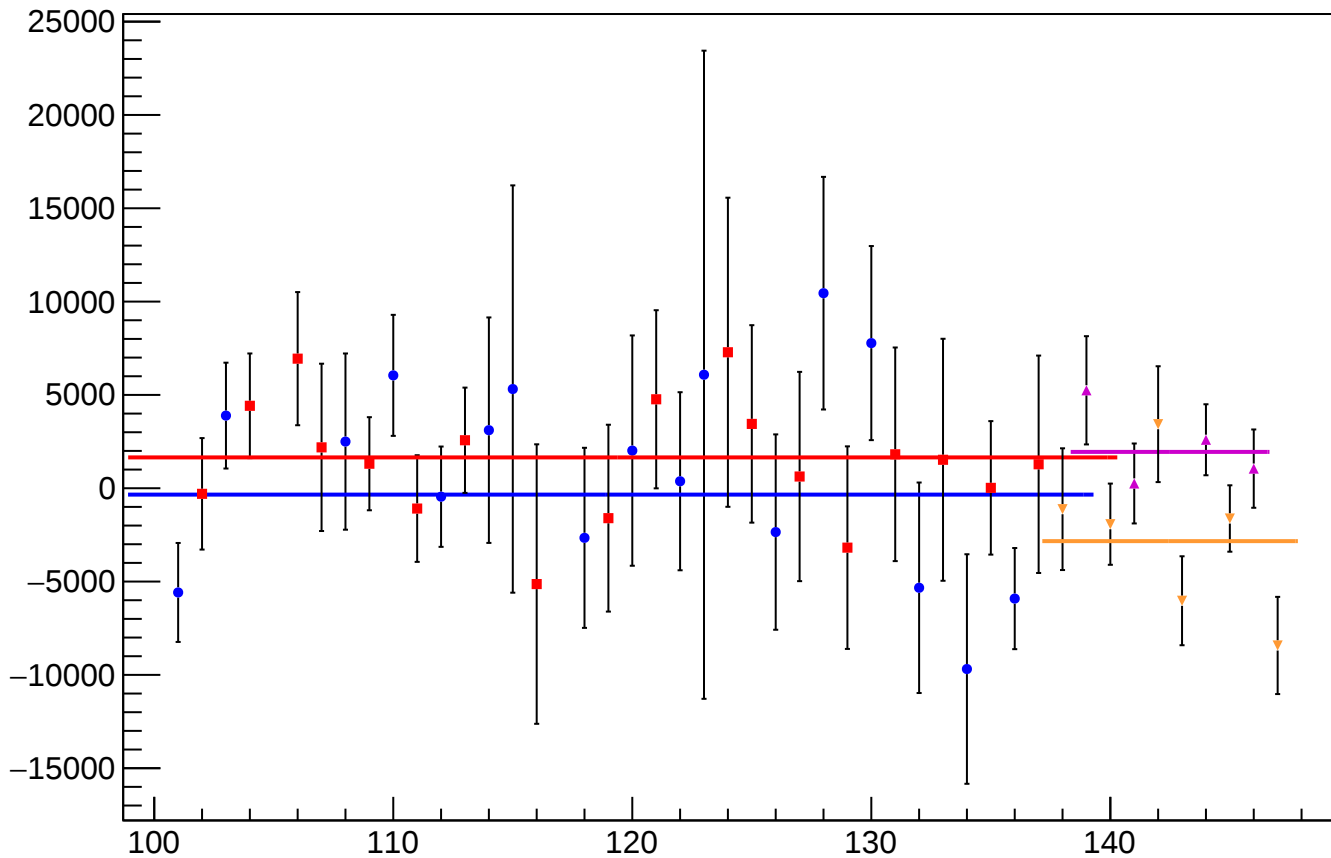
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 269.452+/-0.061 χ^2/NDF :441492.1/20

Out: 262.617+/-0.057 χ^2/NDF :918711.7/23

All: 265.782+/-0.042 χ^2/NDF : 1366890.0/44

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -2834.261 ± 976.474 χ^2/NDF : 11.4/5

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 1946.843 ± 1090.677 χ^2/NDF : 2.2/3

Left: -707.045 ± 727.508 χ^2/NDF : 24.3/9

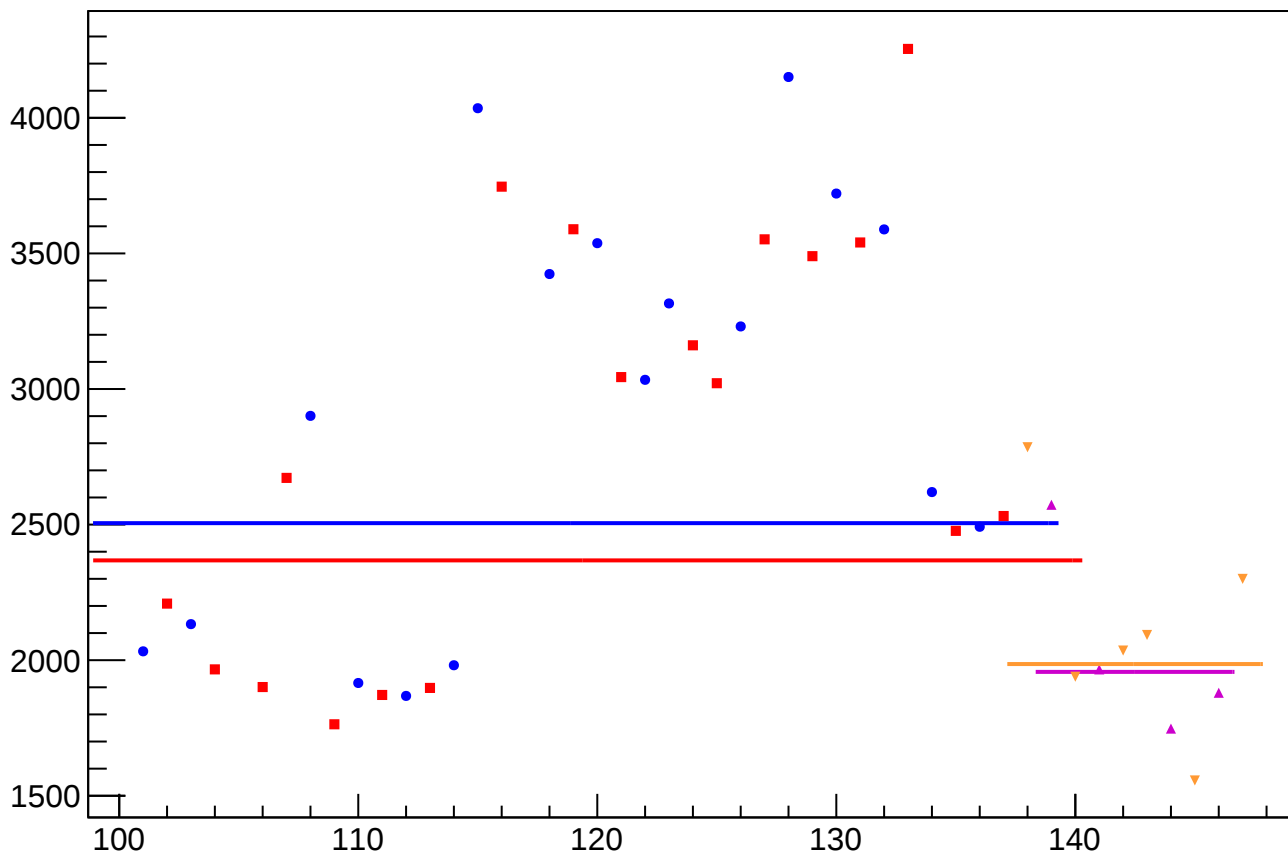
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 708.840 ± 738.933 χ^2/NDF : 29.0/20

Out: -481.516 ± 673.386 χ^2/NDF : 30.4/23

All: 58.535 ± 497.719 χ^2/NDF : 60.9/44

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: 1956.854+/-0.771 χ^2/NDF : 117249.1/3

Left: 1972.895+/-0.514 χ^2/NDF : 389302.5/9

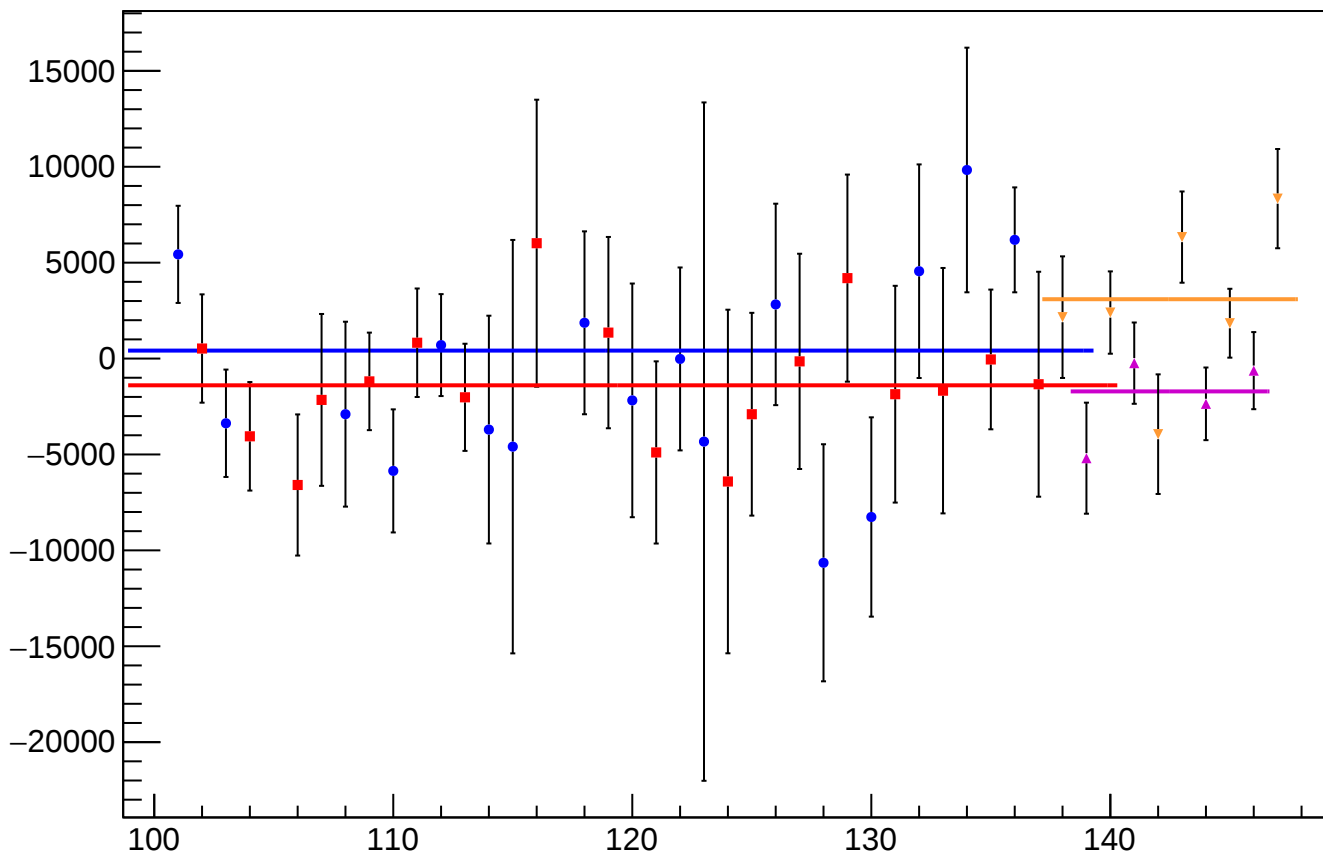
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2253.577+/-0.523 χ^2/NDF : 1255000.6/20

Out: 2186.219+/-0.476 χ^2/NDF : 1462885.6/23

All: 2216.778+/-0.352 χ^2/NDF : 2726965.1/44

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: -1712.406+/-1073.115 χ^2/NDF : 2.3/3

Left: 925.084+/-720.900 χ^2/NDF : 25.1/9

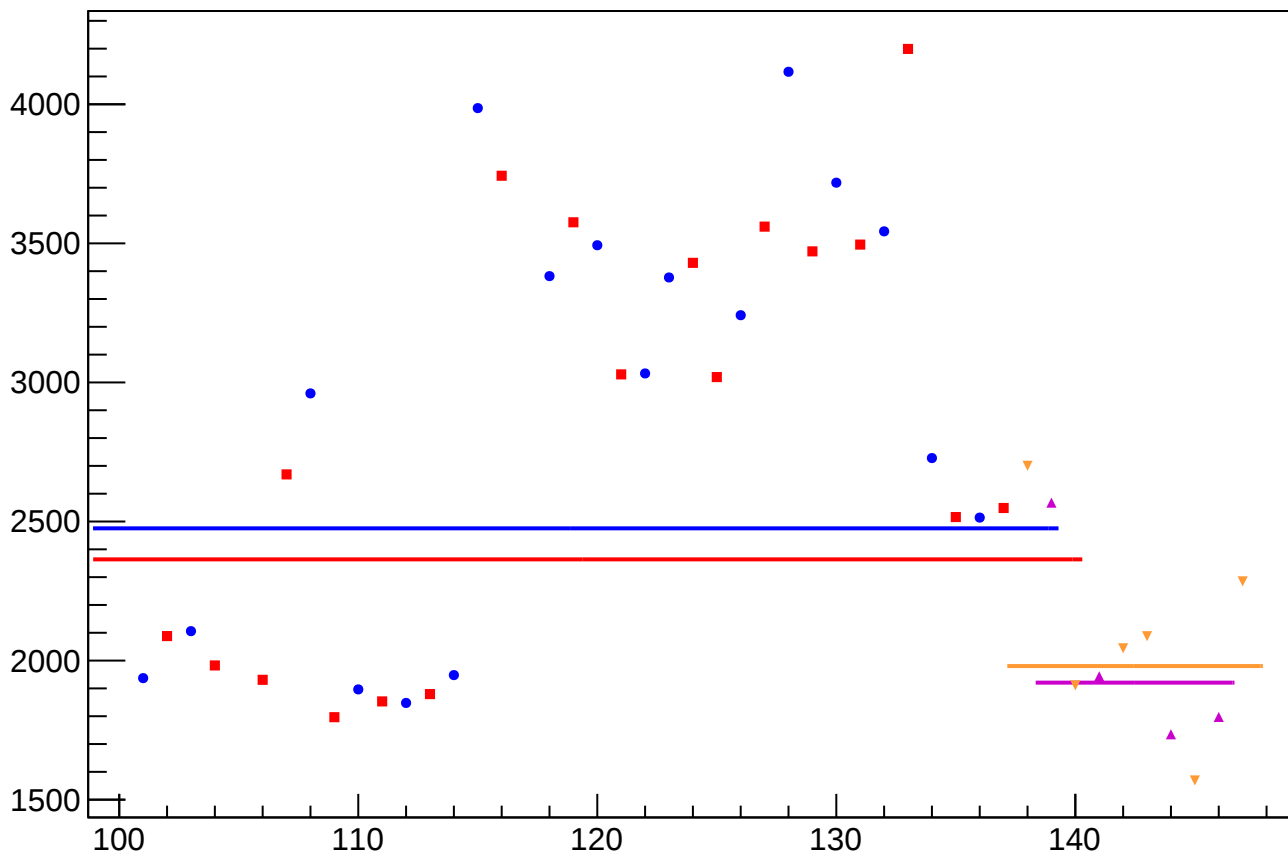
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -568.076+/-729.591 χ^2/NDF : 29.0/20

Out: 745.559+/-671.985 χ^2/NDF : 30.4/23

All: 142.643+/-494.278 χ^2/NDF : 61.1/44

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 1980.319+/-0.688 χ^2/NDF : 242811.5/5

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 1920.742+/-0.759 χ^2/NDF : 126908.6/3

Left: 1953.433+/-0.510 χ^2/NDF : 373102.6/9

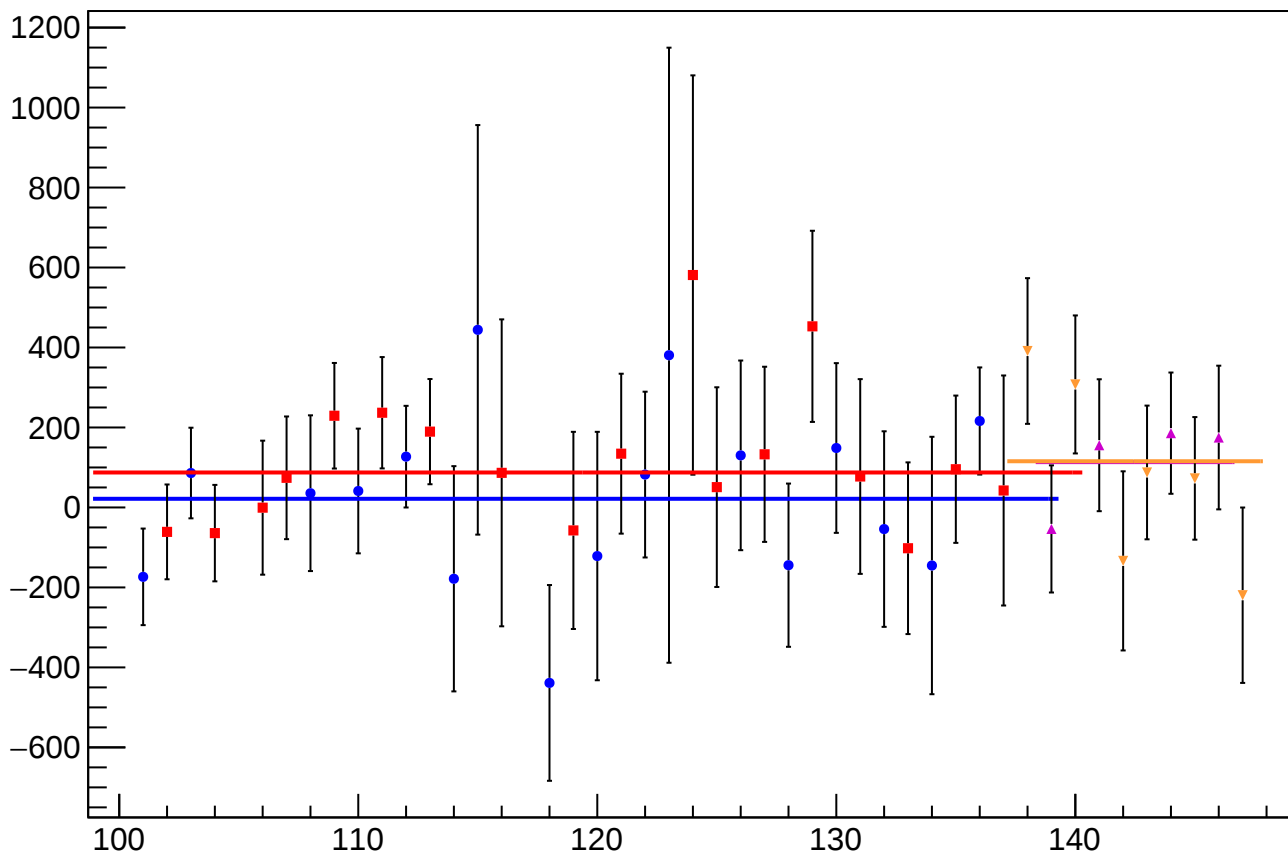
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2219.034+/-0.516 χ^2/NDF : 1327345.3/20

Out: 2181.023+/-0.475 χ^2/NDF : 1432257.8/23

All: 2198.469+/-0.350 χ^2/NDF : 2762540.1/44

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 115.539 $\pm$ 73.967 χ^2 /NDF: 7.2/5

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 113.355 $\pm$ 81.430 χ^2 /NDF: 1.5/3

Left: 114.552 $\pm$ 54.751 χ^2 /NDF: 8.7/9

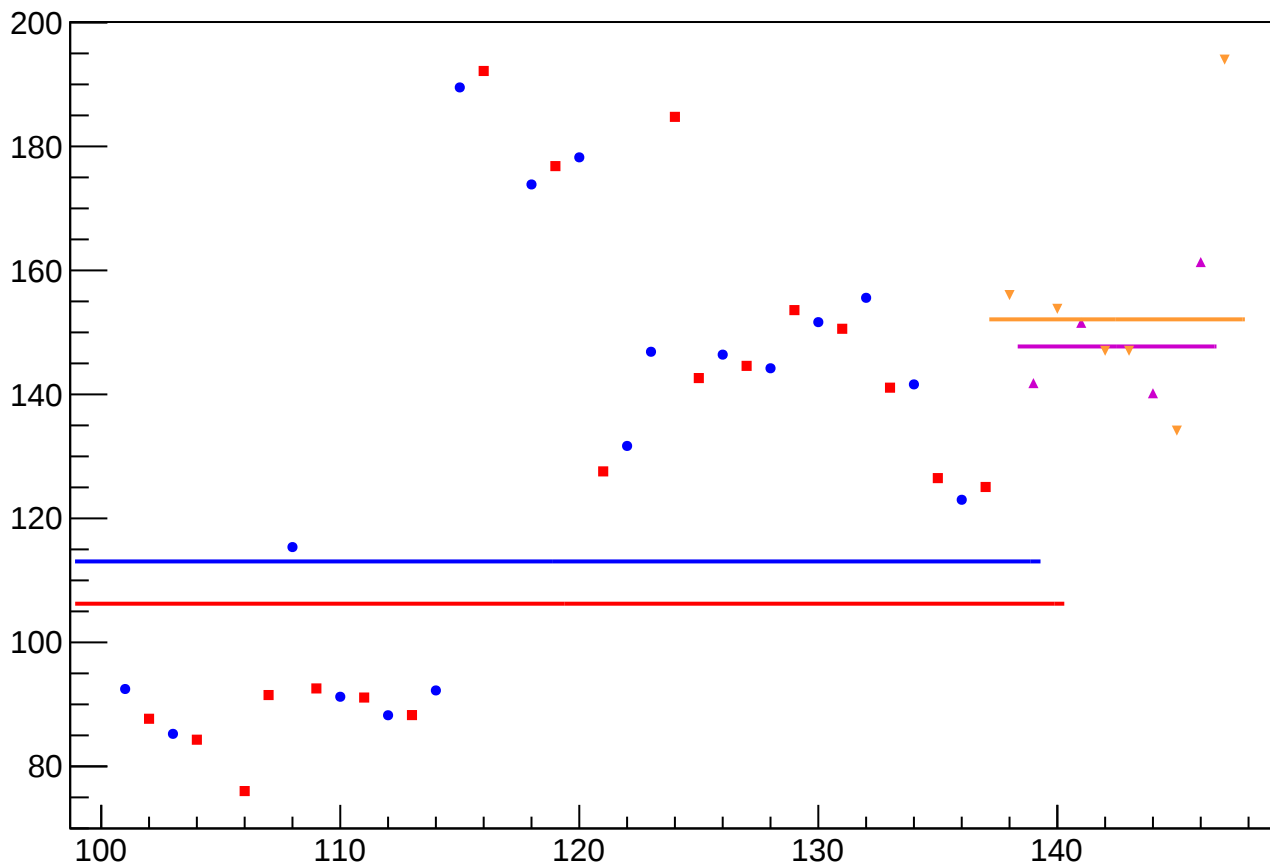
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 43.217 $\pm$ 39.491 χ^2 /NDF: 15.1/20

Out: 94.247 $\pm$ 36.408 χ^2 /NDF: 18.2/23

All: 70.801 $\pm$ 26.768 χ^2 /NDF: 34.2/44

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: 147.731 $\pm$ 0.058 χ^2/NDF :20273.0/3

Left: 150.127 $\pm$ 0.039 χ^2/NDF : 127808.5/9

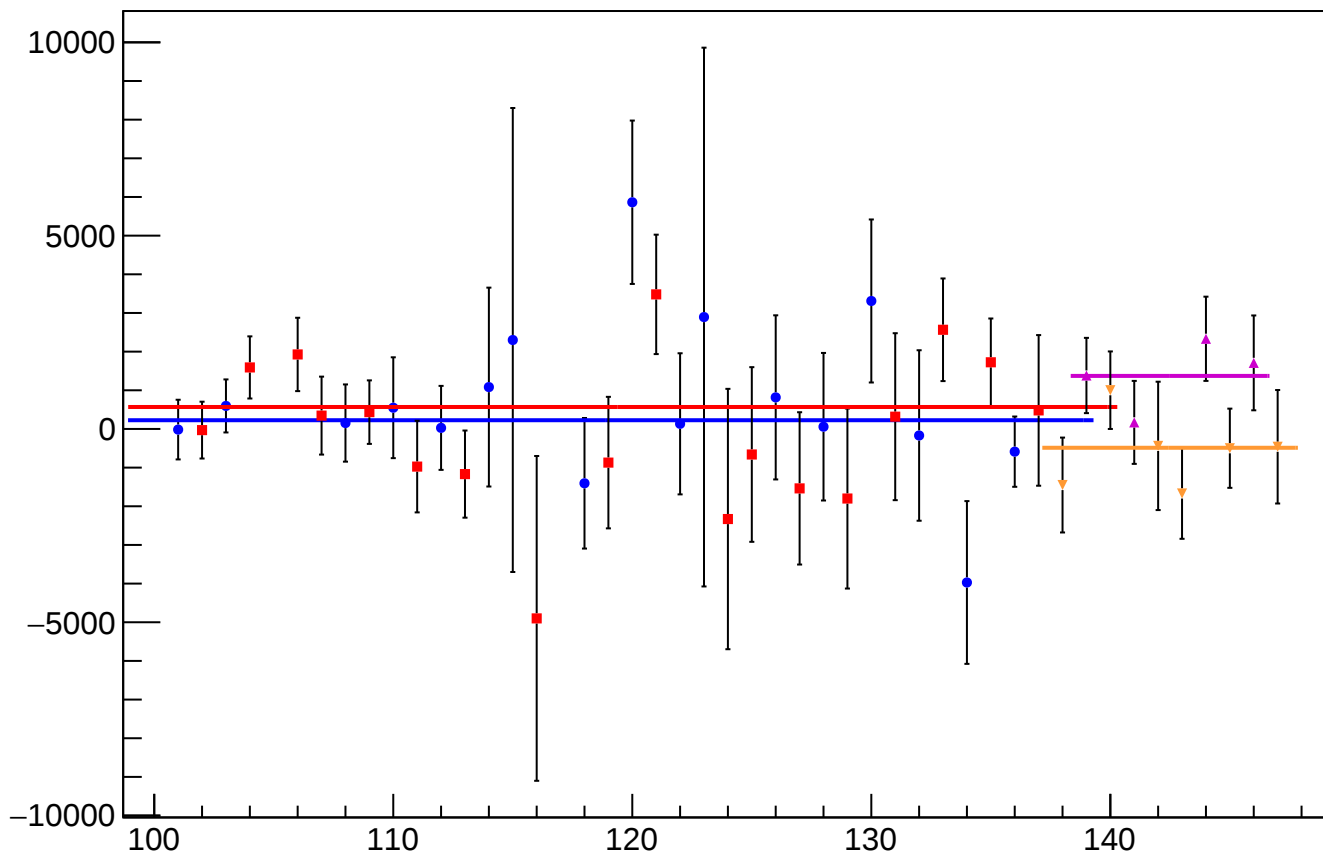
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 121.214 $\pm$ 0.028 χ^2/NDF :1118390.7/20

Out: 117.352 $\pm$ 0.026 χ^2/NDF :1638728.3/23

All: 119.126 $\pm$ 0.019 χ^2/NDF : 2767453.6/44

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: 1372.002 $\pm$ 539.877 χ^2 /NDF:2.1/3

Left: 352.783 $\pm$ 362.827 χ^2 /NDF: 12.4/9

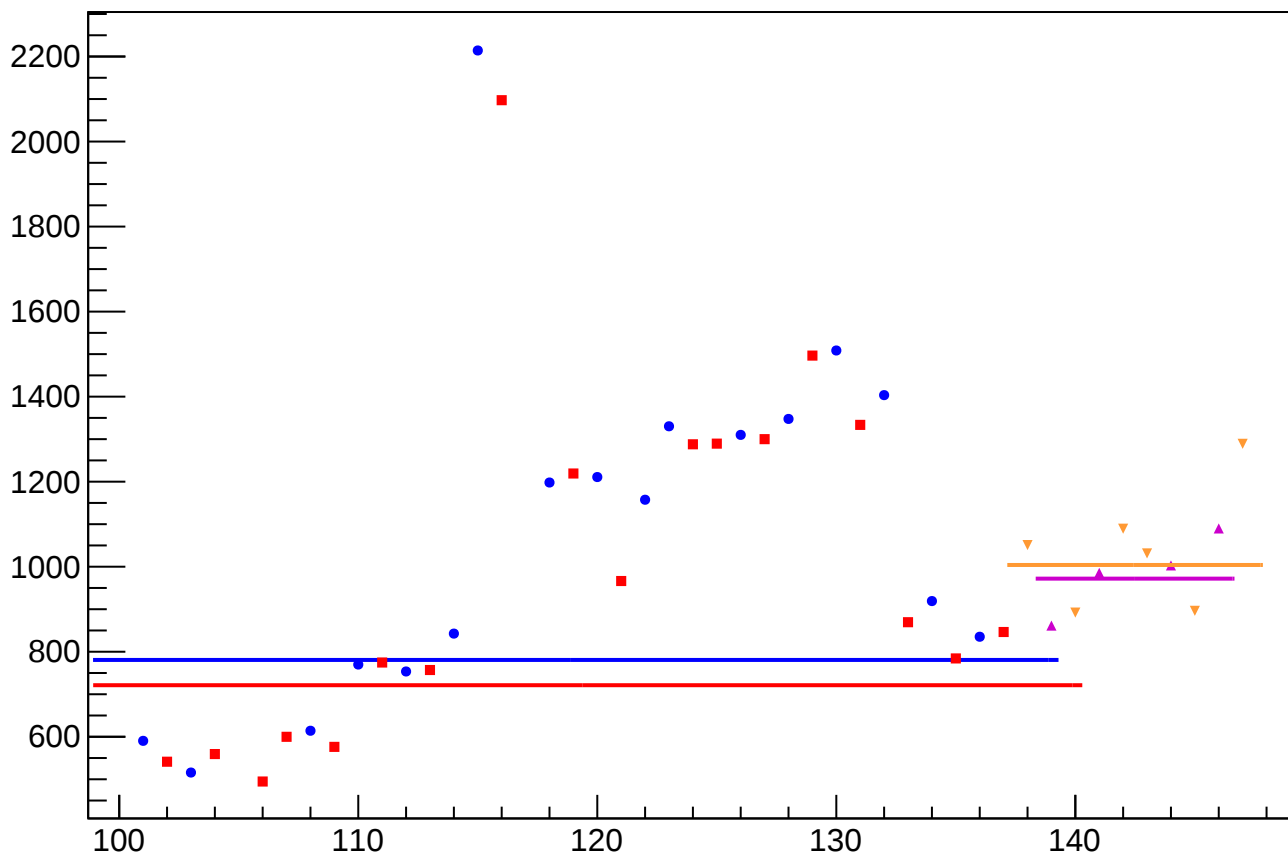
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 525.621 $\pm$ 276.174 χ^2 /NDF:21.4/20

Out: 293.757 $\pm$ 249.882 χ^2 /NDF:28.2/23

All: 398.129 $\pm$ 185.293 χ^2 /NDF: 50.0/44

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1004.071 $\pm$ 0.346 χ^2 /NDF:131797.6/5

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 971.932 $\pm$ 0.382 χ^2 /NDF:46227.0/3

Left: 989.555 $\pm$ 0.257 χ^2 /NDF: 181911.0/9

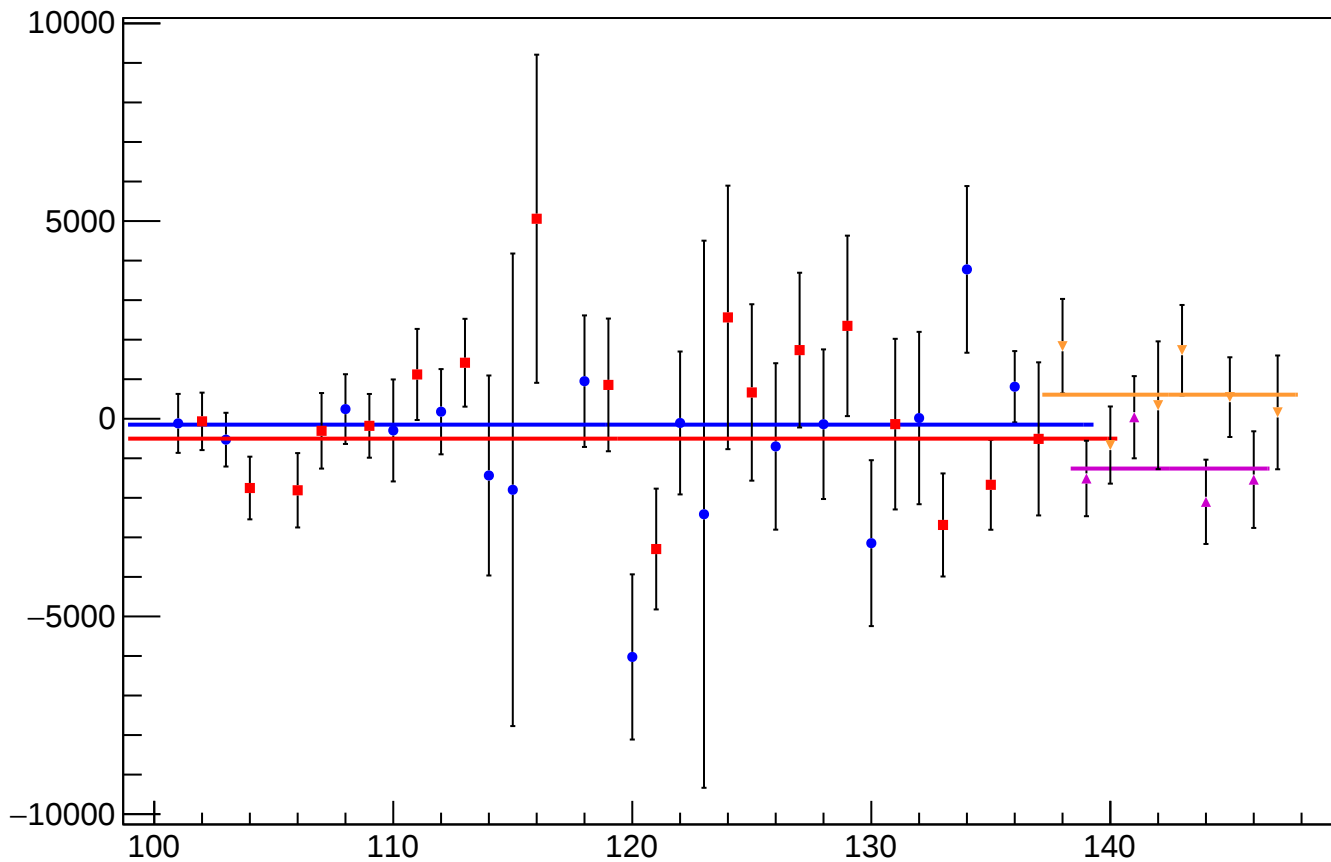
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 830.742 $\pm$ 0.195 χ^2 /NDF:1841007.5/20

Out: 794.819 $\pm$ 0.177 χ^2 /NDF:2251421.0/23

All: 810.990 $\pm$ 0.131 χ^2 /NDF: 4111035.0/44

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: -1259.858+/-529.036 χ^2/NDF : 2.3/3

Left: -232.328+/-354.945 χ^2/NDF : 13.0/9

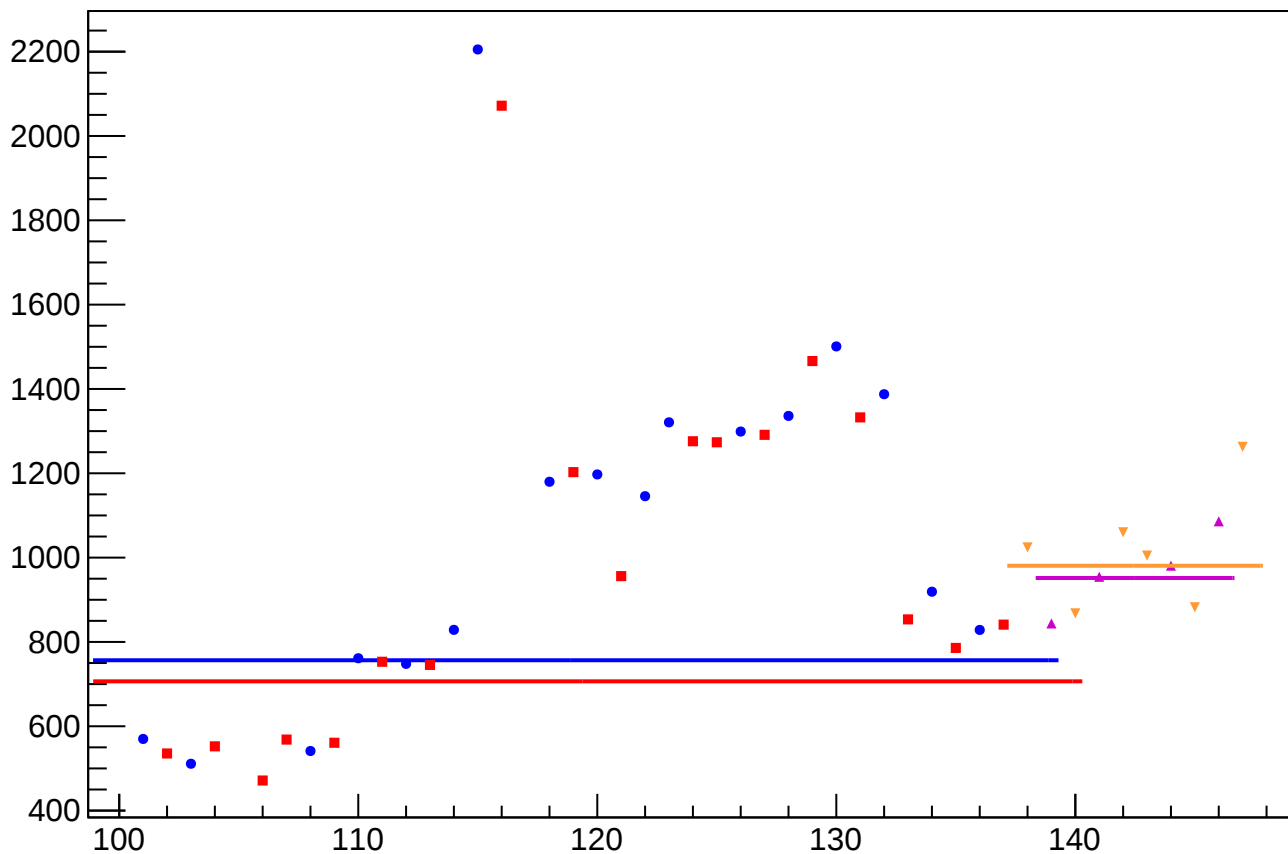
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -437.095+/-269.360 χ^2/NDF : 21.7/20

Out: -210.944+/-245.376 χ^2/NDF : 31.5/23

All: -313.505+/-181.395 χ^2/NDF : 53.5/44

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 980.700 $\pm$ 0.338 χ^2/NDF : 131086.6/5

Right Out: 706.550 $\pm$ 0.202 χ^2/NDF : 1670007.9/17

Left In: 951.685 $\pm$ 0.374 χ^2/NDF : 51216.1/3

Left: 967.639 $\pm$ 0.251 χ^2/NDF : 185610.5/9

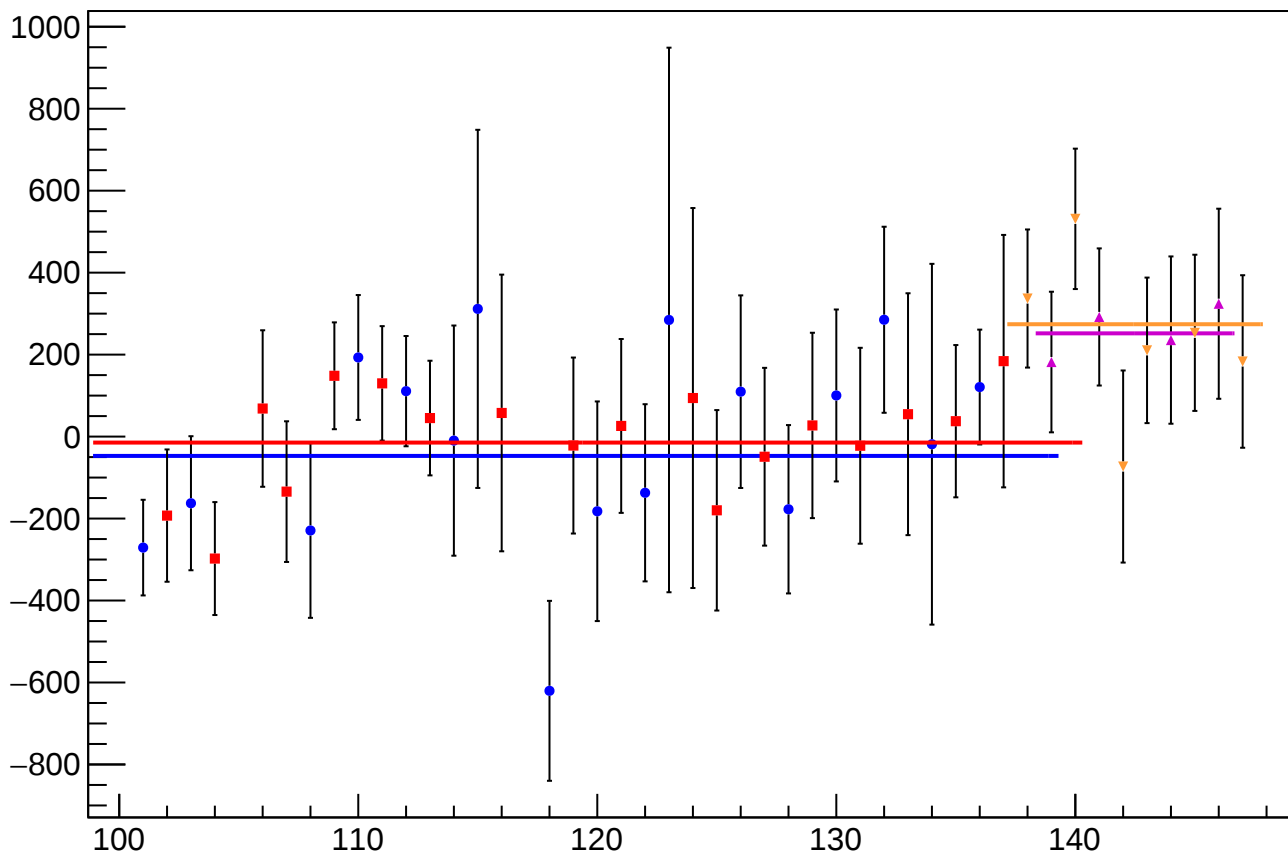
Right: 729.280 $\pm$ 0.149 χ^2/NDF : 3411474.4/34

In: 807.128 $\pm$ 0.190 χ^2/NDF : 1966444.0/20

Out: 778.591 $\pm$ 0.174 χ^2/NDF : 2284743.8/23

All: 791.533 $\pm$ 0.128 χ^2/NDF : 4263455.5/44

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 274.138 ± 76.840 χ^2/NDF : 4.9/5

Right Out: -14.620 ± 44.849 χ^2/NDF : 10.1/17

Left In: 251.883 ± 94.356 χ^2/NDF : 0.3/3

Left: 265.264 ± 59.582 χ^2/NDF : 5.3/9

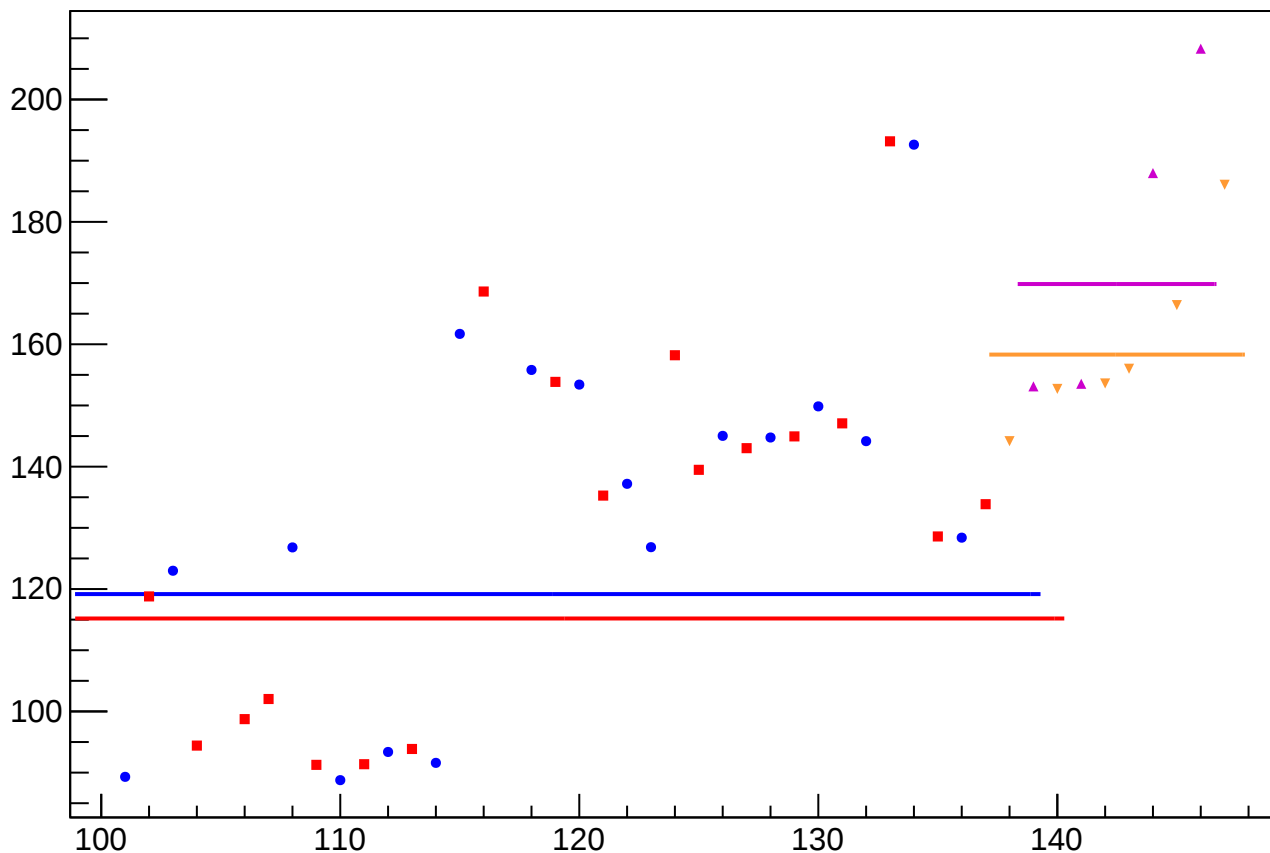
Right: -30.035 ± 32.535 χ^2/NDF : 32.3/34

In: 12.835 ± 42.262 χ^2/NDF : 30.2/20

Out: 58.754 ± 38.734 χ^2/NDF : 25.6/23

All: 37.791 ± 28.555 χ^2/NDF : 56.5/44

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 158.315 $\pm$ 0.054 χ^2/NDF : 55772.4/5

Right Out: 115.188 $\pm$ 0.032 χ^2/NDF : 675564.7/17

Left In: 169.843 $\pm$ 0.067 χ^2/NDF : 108795.2/3

Left: 162.912 $\pm$ 0.042 χ^2/NDF : 182517.7/9

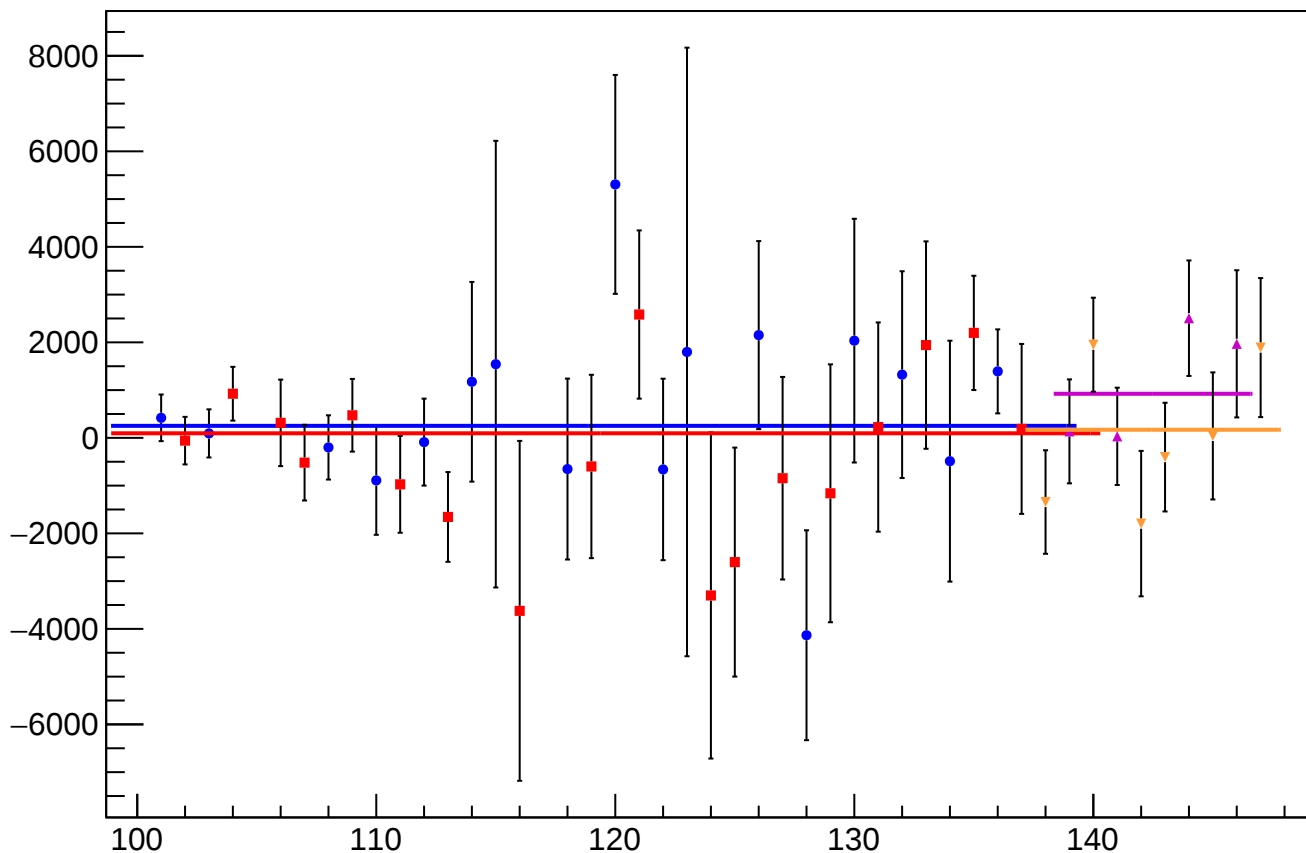
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 129.340 $\pm$ 0.030 χ^2/NDF : 1185115.1/20

Out: 126.146 $\pm$ 0.027 χ^2/NDF : 1201269.7/23

All: 127.604 $\pm$ 0.020 χ^2/NDF : 2392591.4/44

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: 923.172+/-586.077 χ^2/NDF : 3.5/3

Left: 481.545+/-377.006 χ^2/NDF : 13.0/9

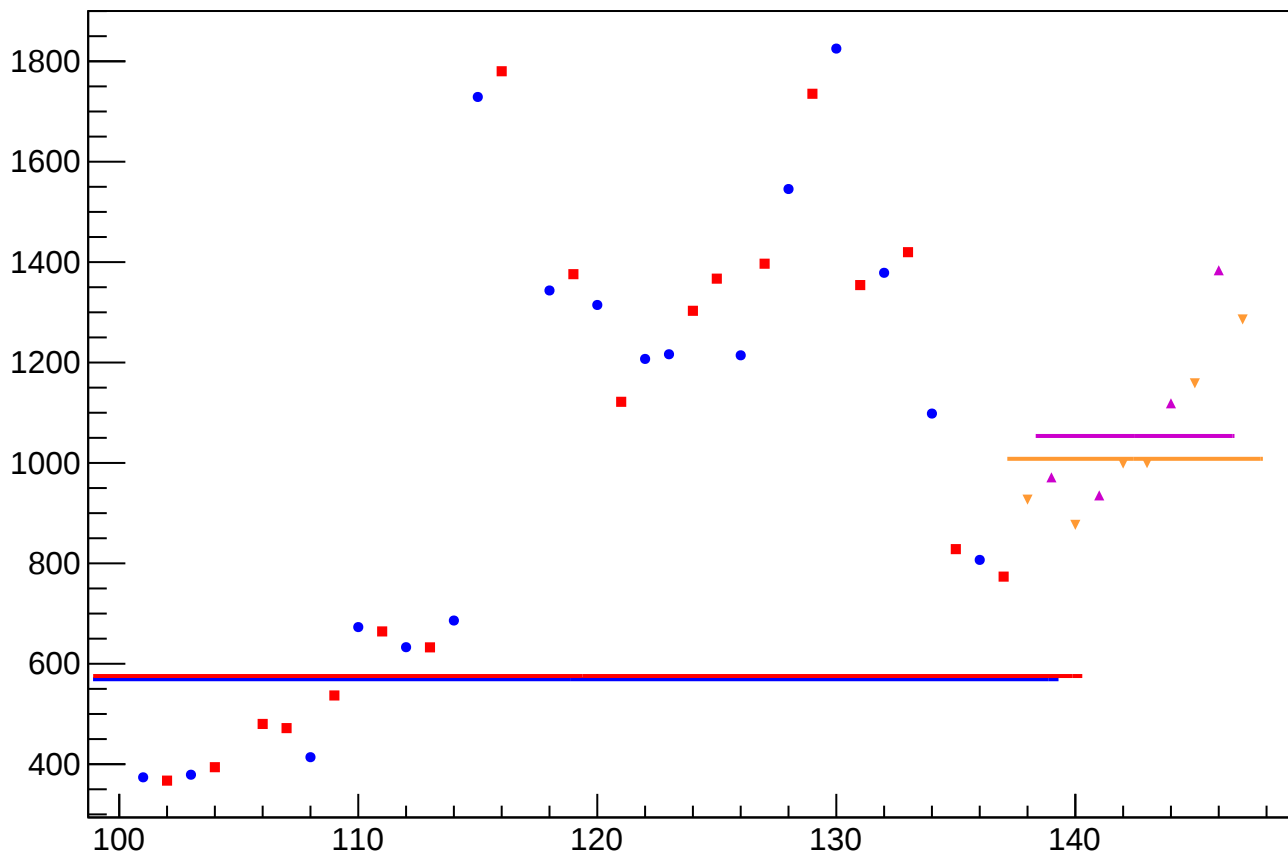
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 357.075+/-232.141 χ^2/NDF : 19.4/20

Out: 110.561+/-219.885 χ^2/NDF : 26.0/23

All: 227.138+/-159.639 χ^2/NDF : 46.1/44

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 1008.229+/-0.348 χ^2/NDF : 145459.2/5

Right Out: 575.584+/-0.174 χ^2/NDF : 3058273.5/17

Left In: 1053.729+/-0.414 χ^2/NDF : 135958.9/3

Left: 1027.057+/-0.267 χ^2/NDF : 288484.5/9

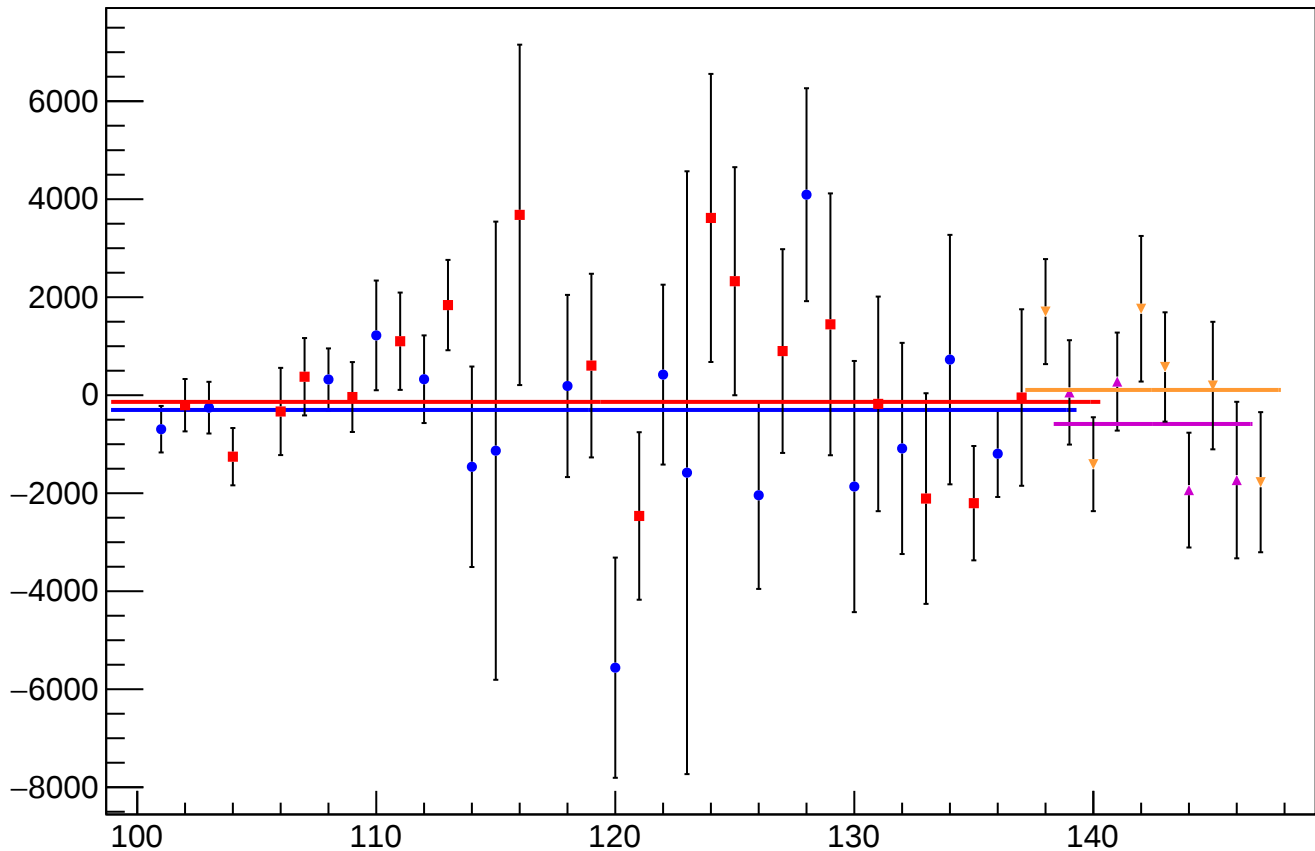
Right: 572.482+/-0.125 χ^2/NDF : 6325976.2/34

In: 645.217+/-0.164 χ^2/NDF : 4555517.6/20

Out: 661.856+/-0.155 χ^2/NDF : 4439844.0/23

All: 653.988+/-0.113 χ^2/NDF : 9000777.5/44

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 107.703 ± 482.439 χ^2/NDF : 7.9/5

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: -586.723 ± 577.170 χ^2/NDF : 3.0/3

Left: -177.919 ± 370.158 χ^2/NDF : 11.7/9

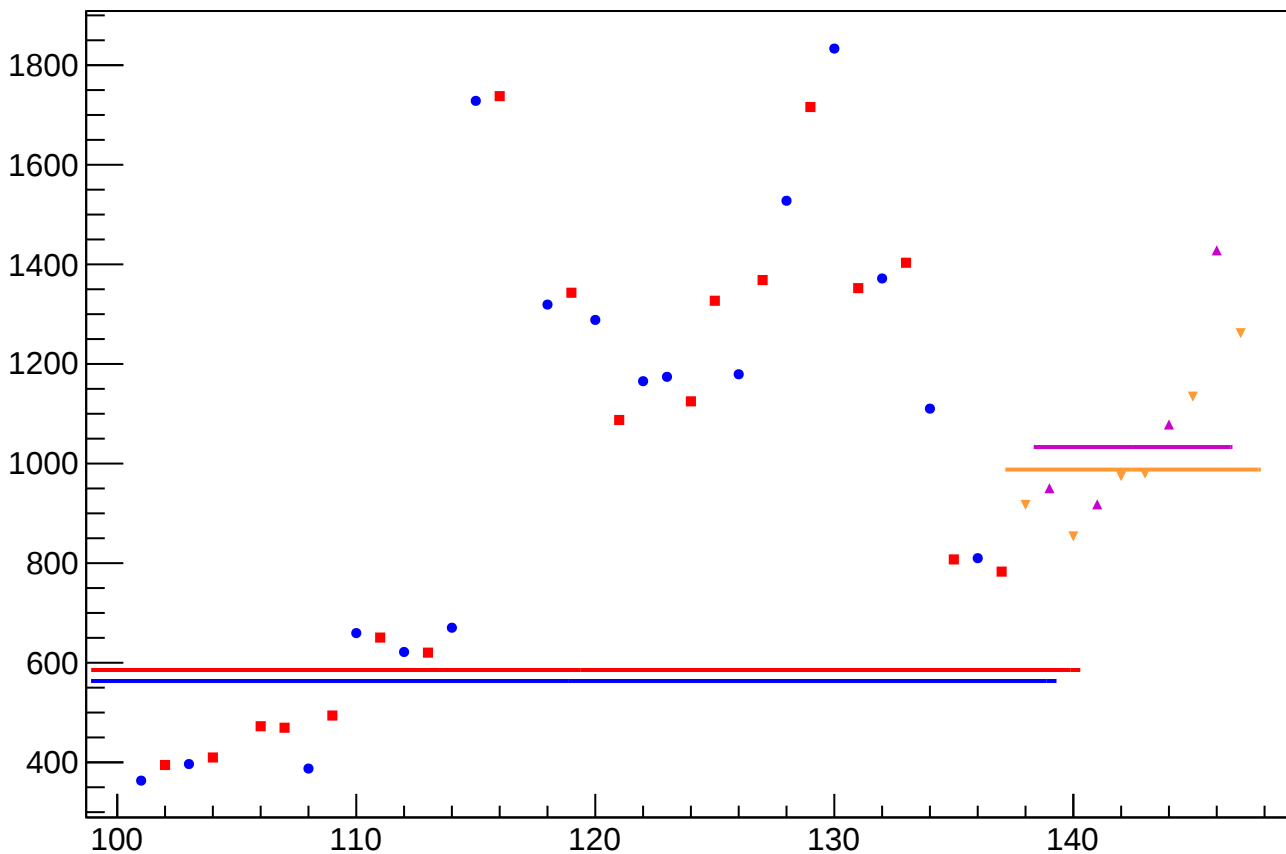
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -345.937 ± 229.638 χ^2/NDF : 19.9/20

Out: -85.246 ± 220.347 χ^2/NDF : 29.0/23

All: -210.212 ± 158.992 χ^2/NDF : 49.5/44

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: 1033.180+/-0.408 χ^2/NDF : 163818.7/3

Left: 1006.514+/-0.262 χ^2/NDF : 318023.0/9

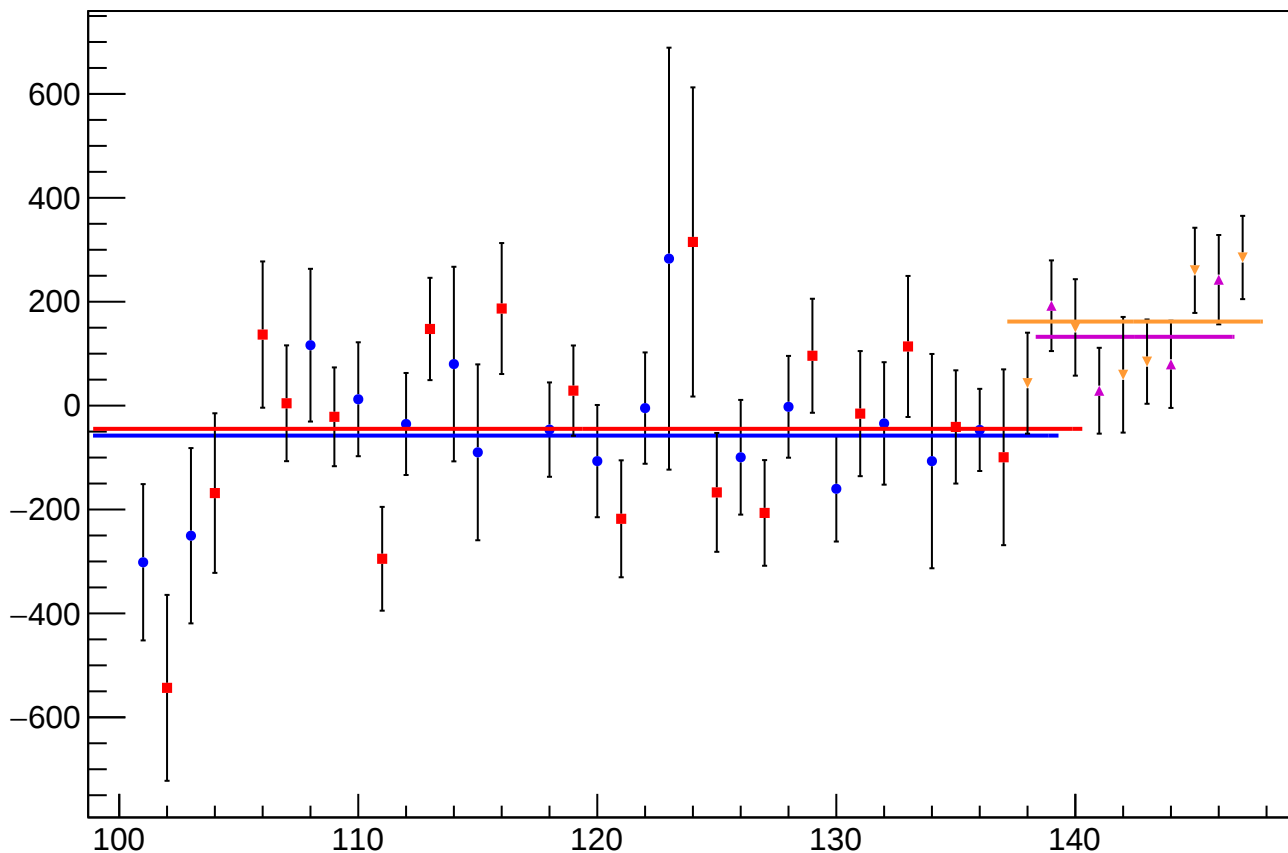
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 637.760+/-0.162 χ^2/NDF : 4538136.1/20

Out: 669.392+/-0.156 χ^2/NDF : 4066511.3/23

All: 654.229+/-0.112 χ^2/NDF : 8624404.4/44

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: 132.460 $\pm$ 42.453 χ^2 /NDF: 4.1/3

Left: 149.423 $\pm$ 27.590 χ^2 /NDF: 11.4/9

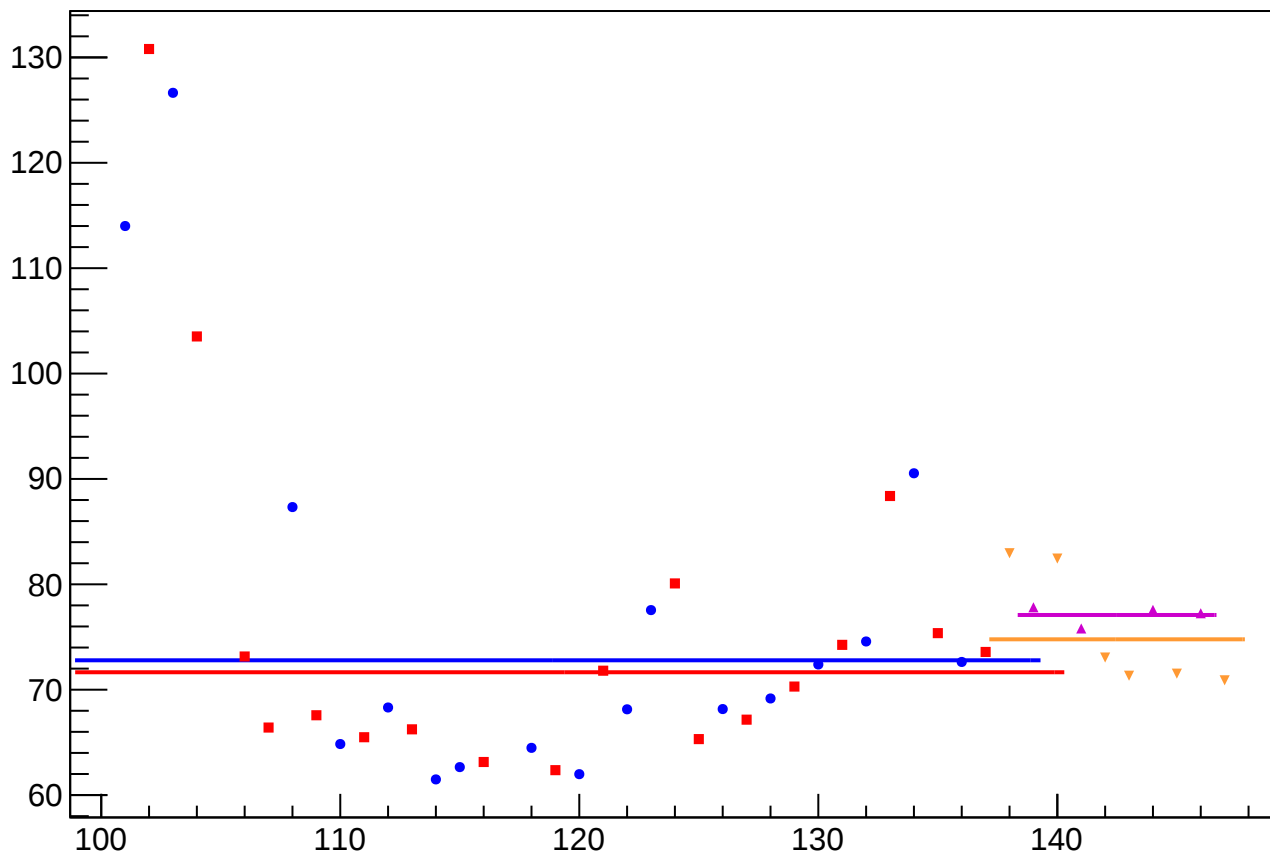
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 1.923 $\pm$ 23.773 χ^2 /NDF: 27.0/20

Out: 31.342 $\pm$ 22.027 χ^2 /NDF: 62.7/23

All: 17.752 $\pm$ 16.157 χ^2 /NDF: 90.5/44

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: 77.090 $\pm$ 0.030 χ^2 /NDF:694.7/3

Left: 75.756 $\pm$ 0.020 χ^2 /NDF: 43849.0/9

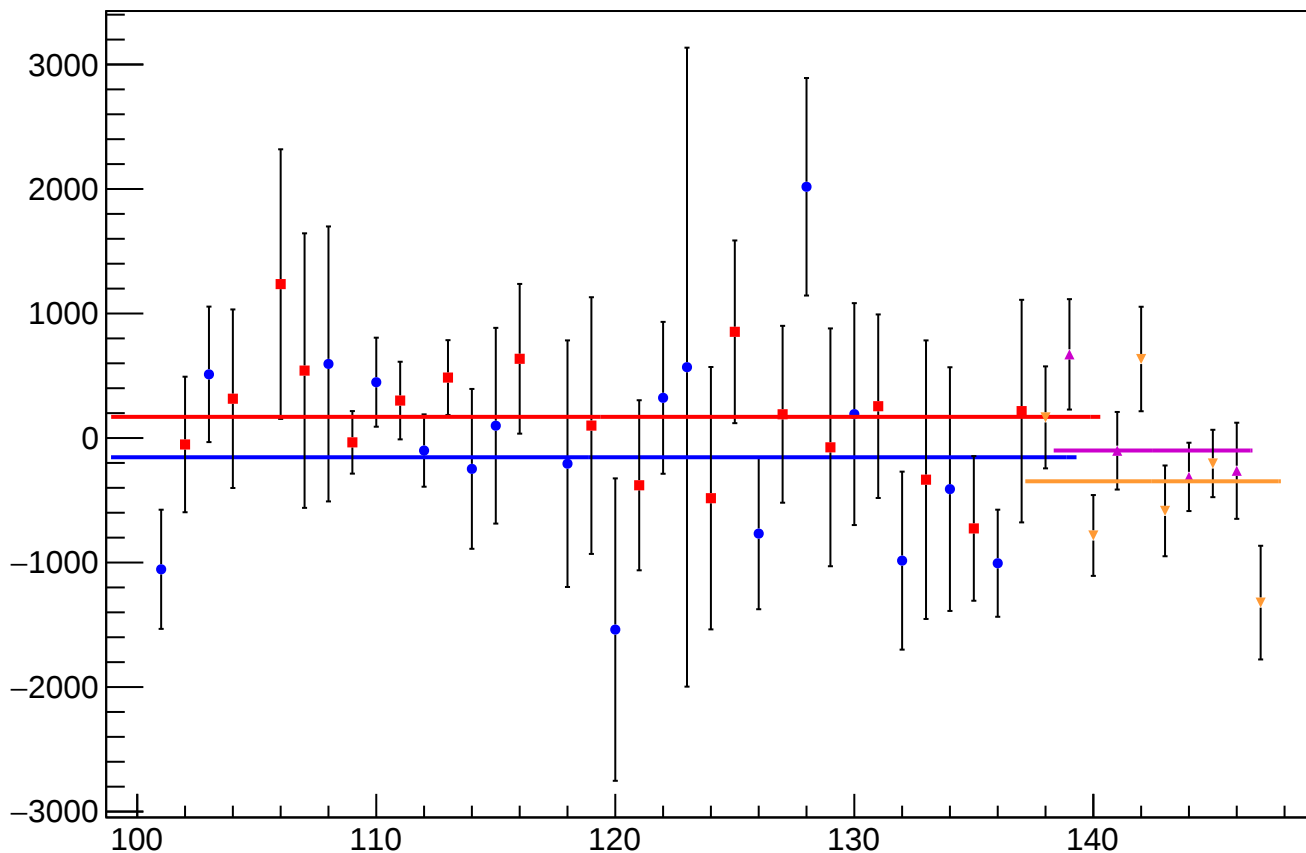
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 74.138 $\pm$ 0.017 χ^2 /NDF:479554.3/20

Out: 72.806 $\pm$ 0.016 χ^2 /NDF:453480.0/23

All: 73.421 $\pm$ 0.011 χ^2 /NDF: 936414.3/44

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -347.471 $\pm$ 145.674 χ^2/NDF : 14.1/5

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -100.215 $\pm$ 168.122 χ^2/NDF : 3.8/3

Left: -241.441 $\pm$ 110.094 χ^2/NDF : 19.2/9

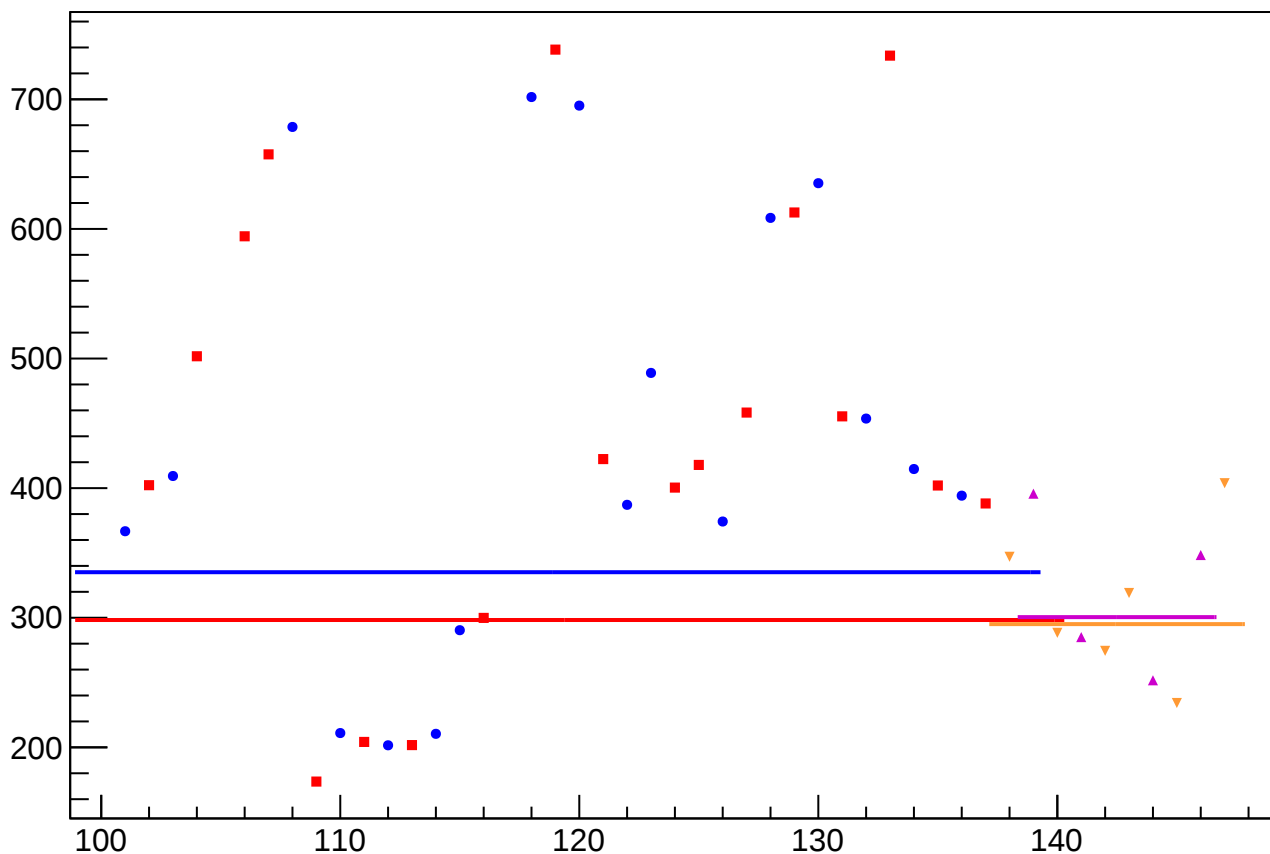
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -132.083 $\pm$ 107.900 χ^2/NDF : 27.0/20

Out: -51.884 $\pm$ 95.393 χ^2/NDF : 29.7/23

All: -87.068 $\pm$ 71.468 χ^2/NDF : 57.1/44

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 295.085+/-0.103 χ^2/NDF : 261243.2/5

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 300.479+/-0.119 χ^2/NDF : 191101.9/3

Left: 297.398+/-0.078 χ^2/NDF : 453521.1/9

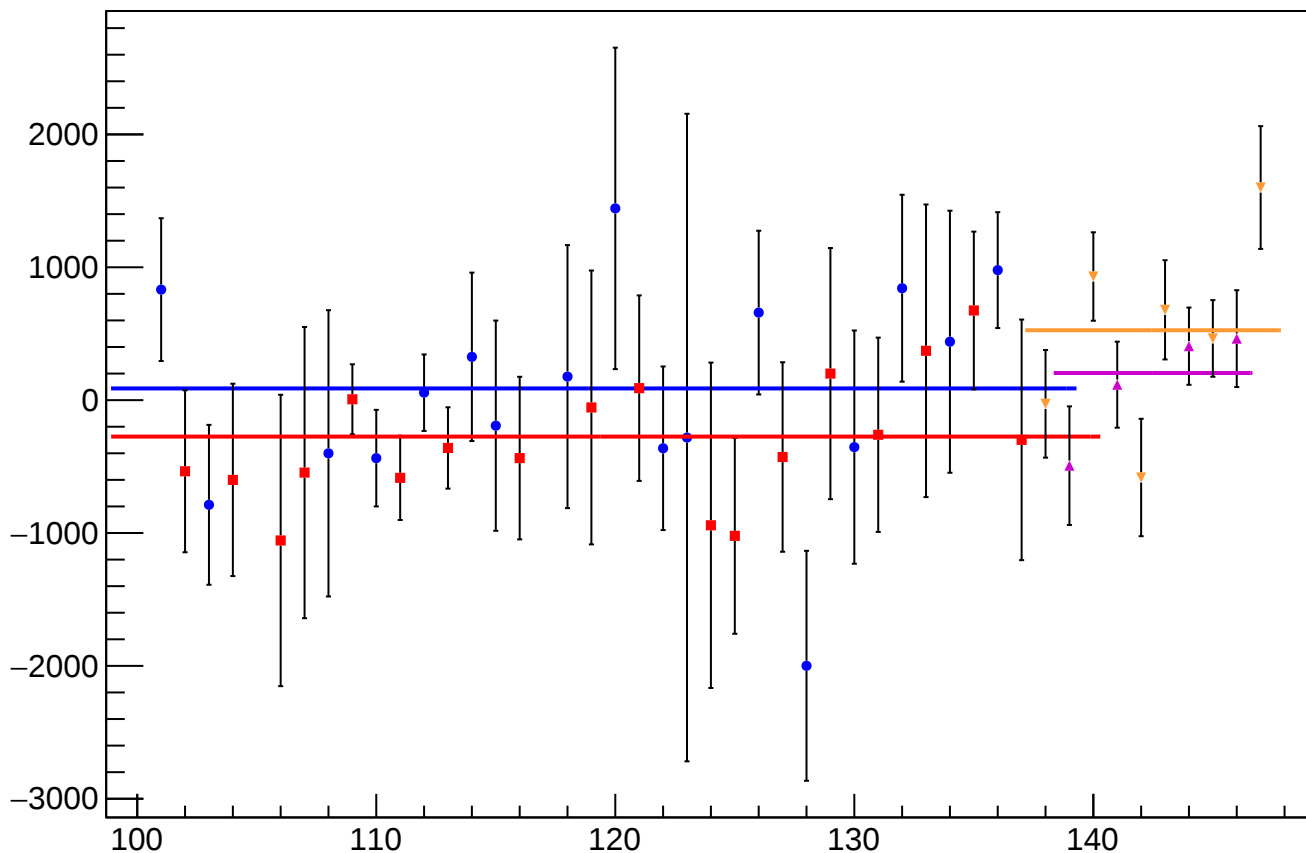
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 320.860+/-0.076 χ^2/NDF : 2235123.1/20

Out: 296.895+/-0.067 χ^2/NDF : 3038339.5/23

All: 307.409+/-0.051 χ^2/NDF : 5328840.0/44

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 526.047 $\pm$ 150.519 χ^2 /NDF:15.3/5

Right Out: -274.340 $\pm$ 129.866 χ^2 /NDF: 8.0/17

Left In: 204.294 $\pm$ 171.670 χ^2 /NDF:3.5/3

Left: 386.202 $\pm$ 113.176 χ^2 /NDF: 20.8/9

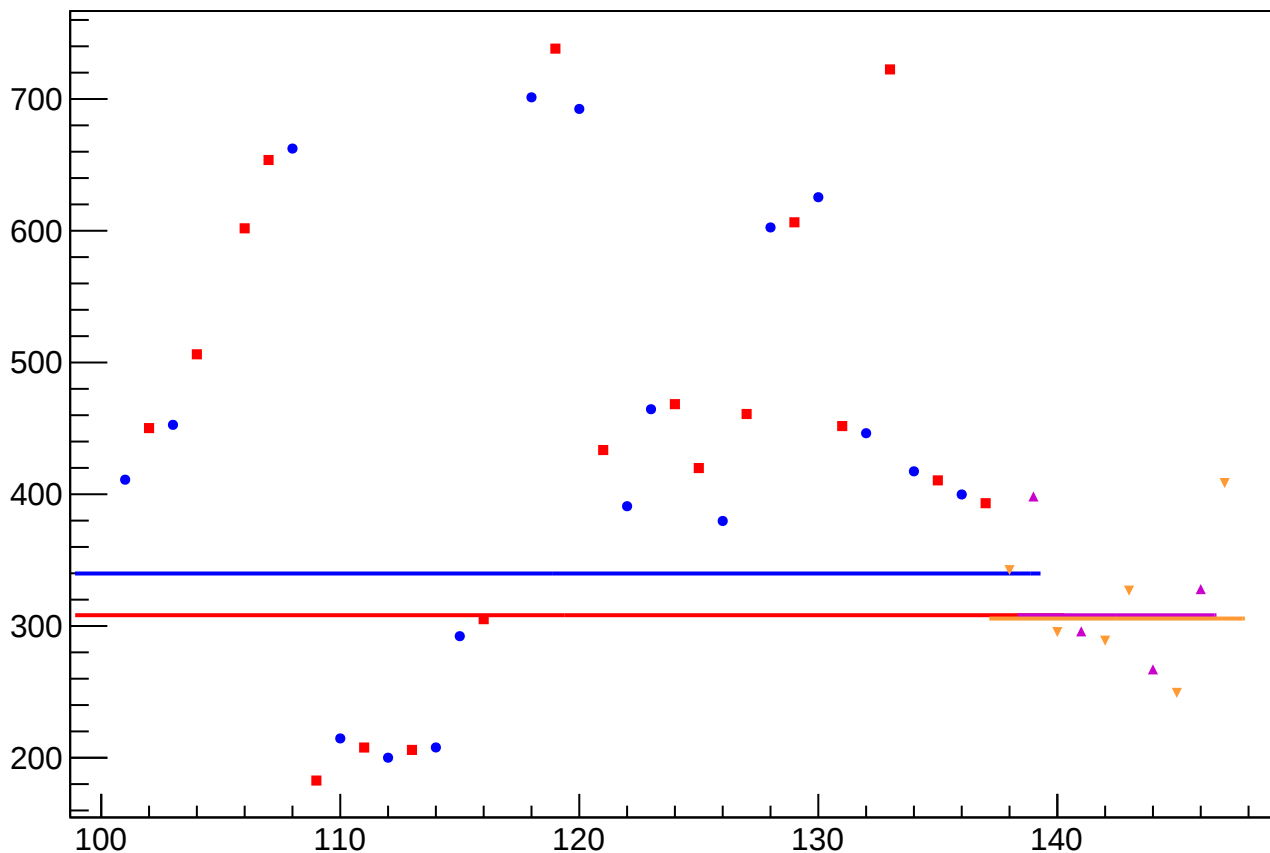
Right: -110.540 $\pm$ 96.143 χ^2 /NDF: 32.4/34

In: 135.714 $\pm$ 109.882 χ^2 /NDF:24.6/20

Out: 67.217 $\pm$ 98.327 χ^2 /NDF:39.5/23

All: 97.676 $\pm$ 73.273 χ^2 /NDF: 64.3/44

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: 308.143 +/- 0.121 χ^2/NDF : 130345.2/3

Left: 306.743 +/- 0.080 χ^2/NDF : 334040.0/9

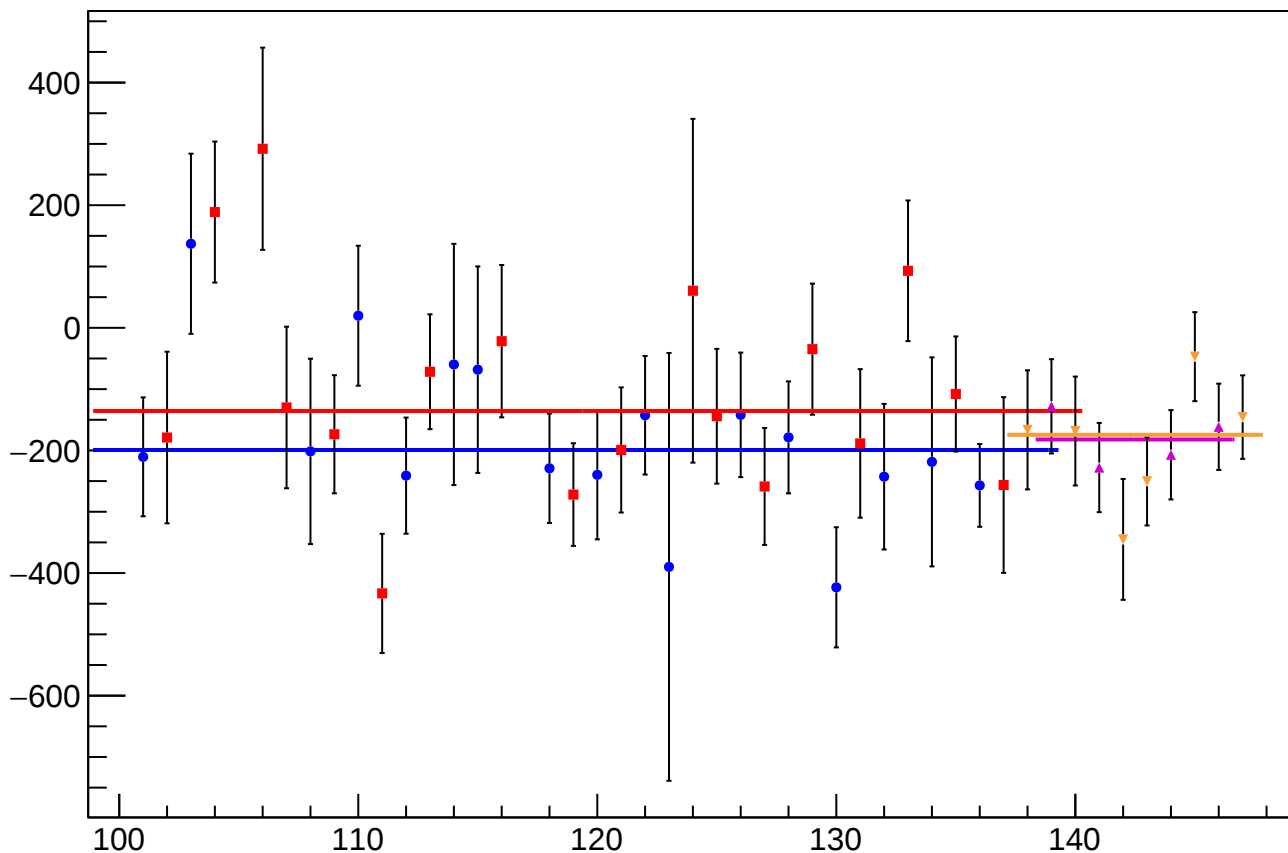
Right: 322.502 +/- 0.068 χ^2/NDF : 4796037.7/34

In: 326.860 +/- 0.078 χ^2/NDF : 2214140.1/20

Out: 307.118 +/- 0.070 χ^2/NDF : 2902612.8/23

All: 315.897 +/- 0.052 χ^2/NDF : 5152601.7/44

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -174.561 $\pm$ 32.738 χ^2/NDF : 7.4/5

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -182.161 $\pm$ 36.555 χ^2/NDF : 1.1/3

Left: -177.944 $\pm$ 24.388 χ^2/NDF : 8.5/9

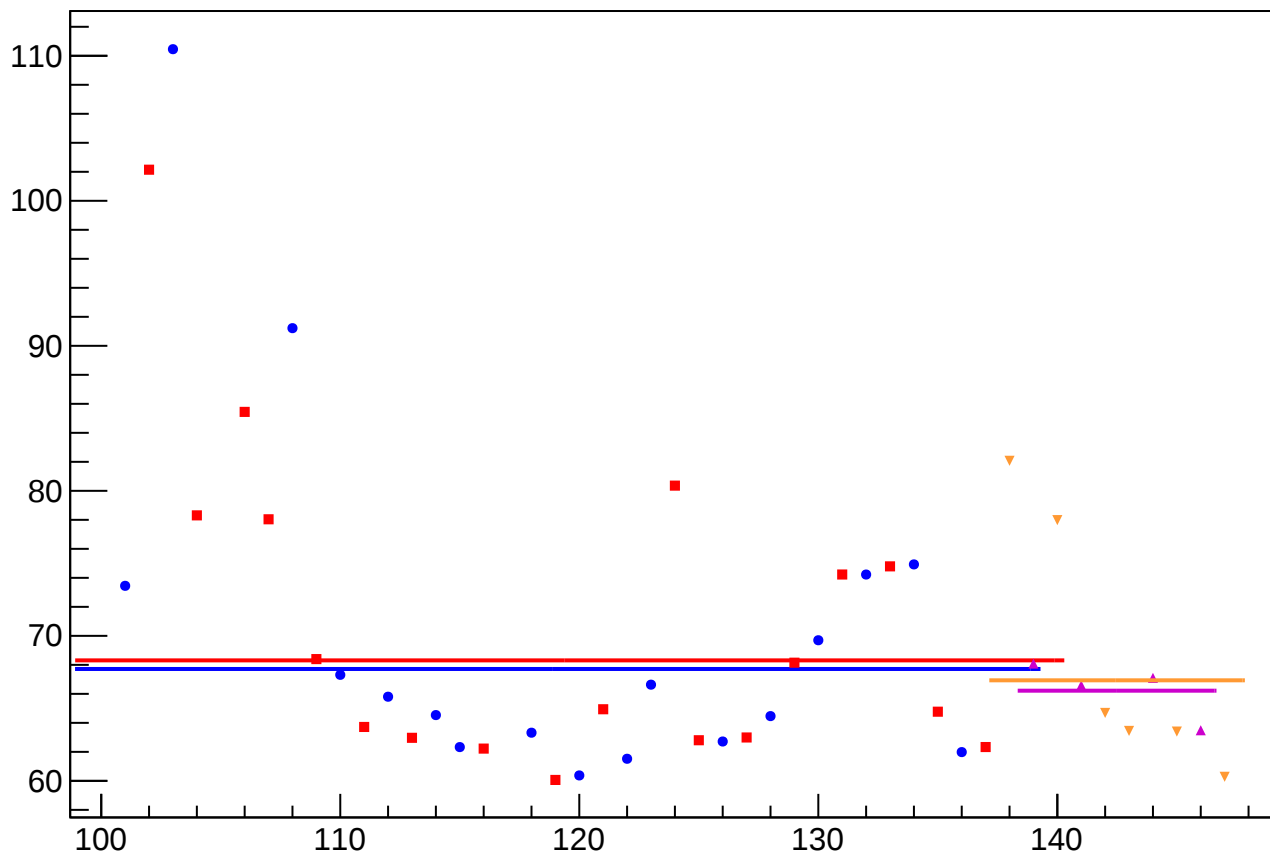
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -193.360 $\pm$ 21.463 χ^2/NDF : 18.8/20

Out: -150.862 $\pm$ 20.481 χ^2/NDF : 44.9/23

All: -171.116 $\pm$ 14.817 χ^2/NDF : 65.8/44

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: 66.218 $\pm$ 0.026 χ^2 /NDF: 4533.3/3

Left: 66.615 $\pm$ 0.017 χ^2 /NDF: 114041.5/9

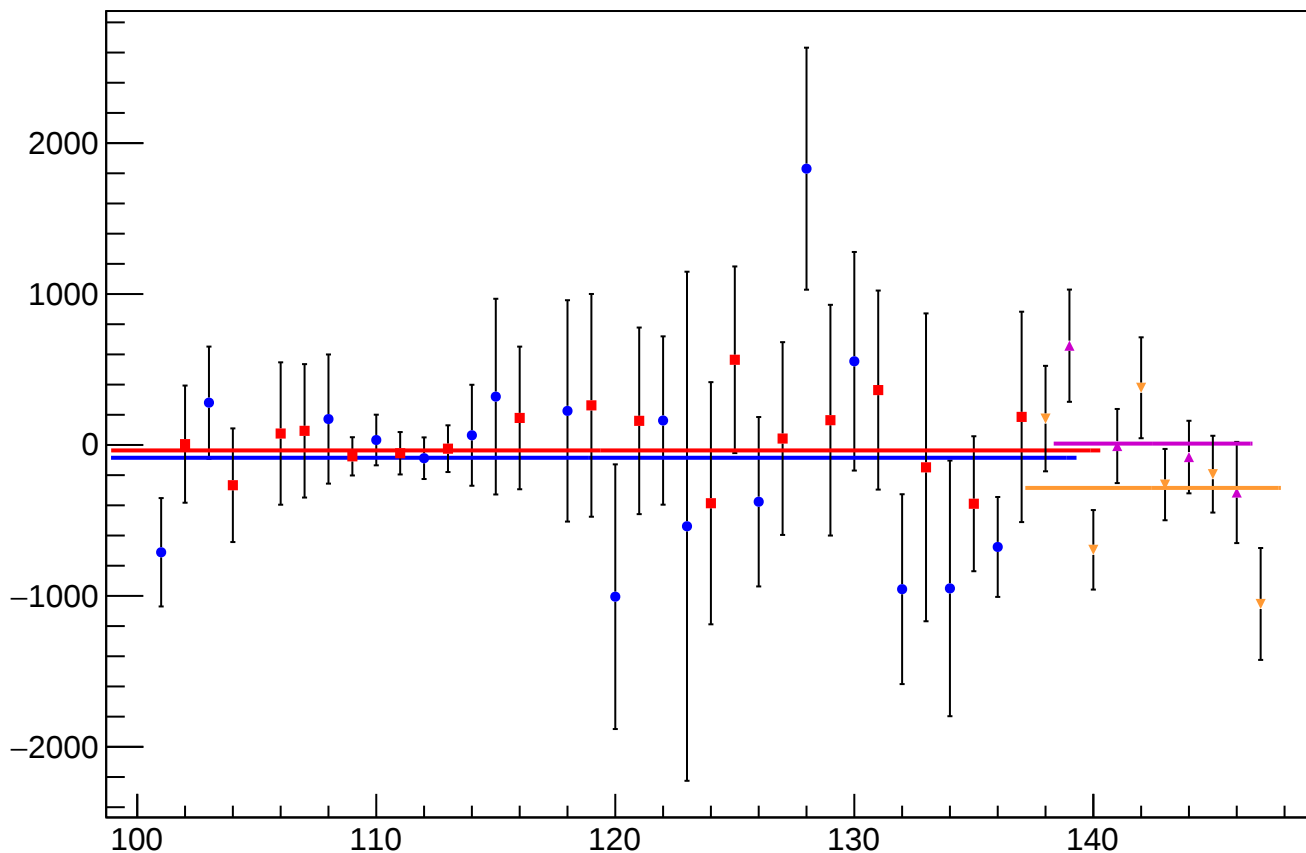
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 67.199 $\pm$ 0.015 χ^2 /NDF: 289623.3/20

Out: 67.770 $\pm$ 0.014 χ^2 /NDF: 345544.7/23

All: 67.498 $\pm$ 0.010 χ^2 /NDF: 635908.9/44

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -284.614 ± 117.696 $\chi^2/\text{NDF}: 12.5/5$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 9.028 ± 141.397 $\chi^2/\text{NDF}: 4.1/3$

Left: -164.432 ± 90.459 $\chi^2/\text{NDF}: 19.2/9$

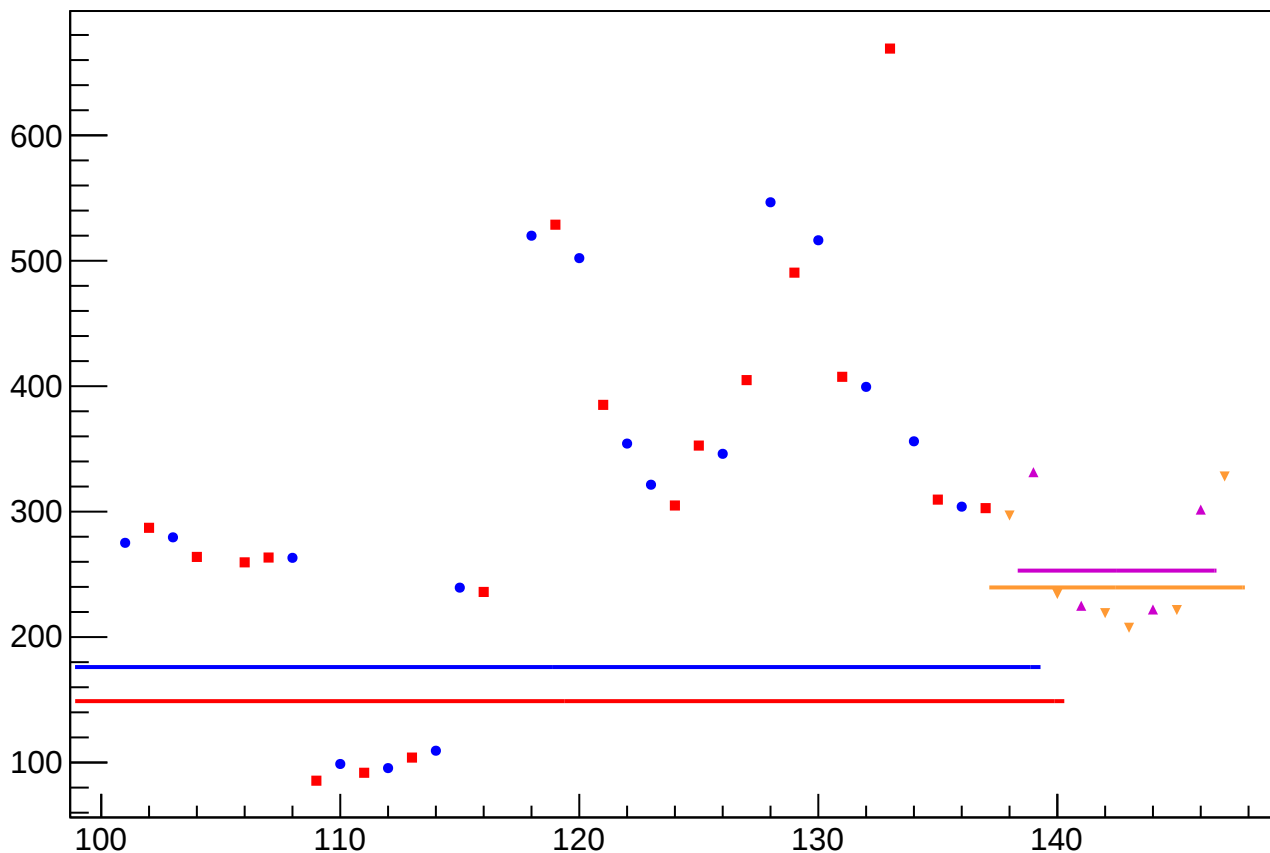
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -60.868 ± 71.366 $\chi^2/\text{NDF}: 24.3/20$

Out: -100.718 ± 60.004 $\chi^2/\text{NDF}: 19.3/23$

All: -84.214 ± 45.928 $\chi^2/\text{NDF}: 43.8/44$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 239.566 $\pm$ 0.083 χ^2 /NDF:223098.7/5

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 252.988 $\pm$ 0.100 χ^2 /NDF:190455.2/3

Left: 245.059 $\pm$ 0.064 χ^2 /NDF: 424199.6/9

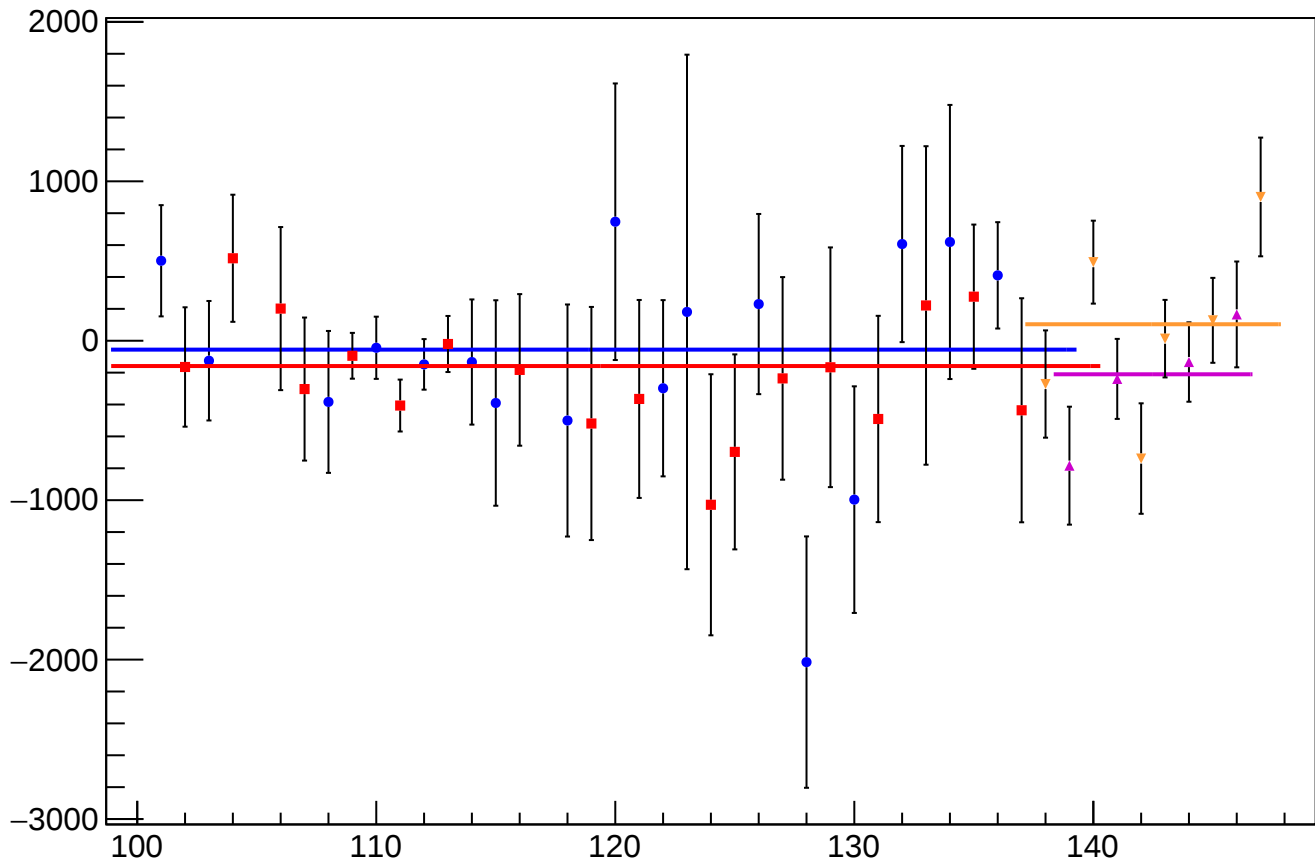
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 195.684 $\pm$ 0.050 χ^2 /NDF:4854877.8/20

Out: 172.489 $\pm$ 0.042 χ^2 /NDF:5871750.7/23

All: 182.096 $\pm$ 0.032 χ^2 /NDF: 10850391.2/44

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: -210.343 ± 143.768 $\chi^2/\text{NDF}: 3.8/3$

Left: -24.590 ± 91.846 $\chi^2/\text{NDF}: 20.8/9$

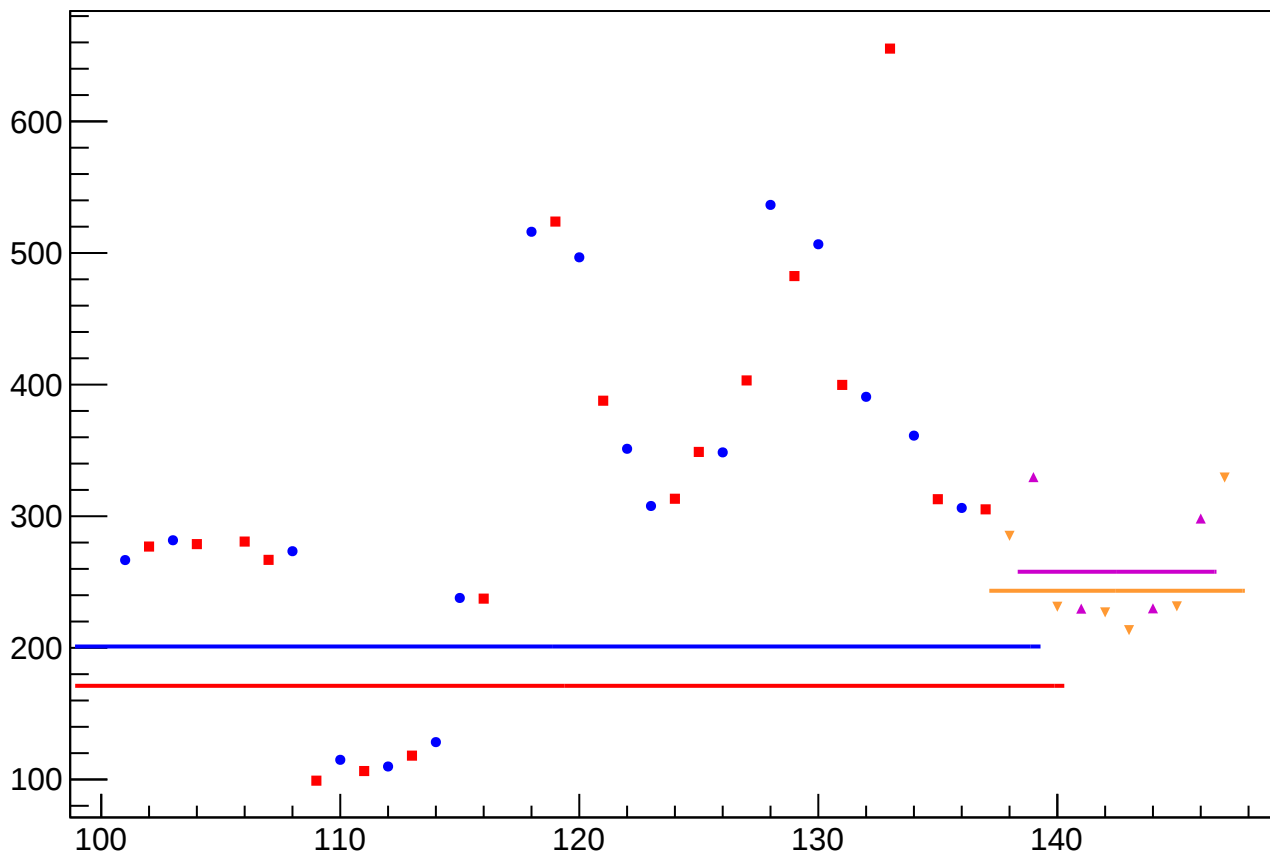
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -99.654 ± 76.633 $\chi^2/\text{NDF}: 21.8/20$

Out: -81.552 ± 64.751 $\chi^2/\text{NDF}: 27.9/23$

All: -89.092 ± 49.459 $\chi^2/\text{NDF}: 49.7/44$

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: 257.825+/-0.102 χ^2/NDF :155083.3/3

Left: 249.275+/-0.065 χ^2/NDF : 347691.6/9

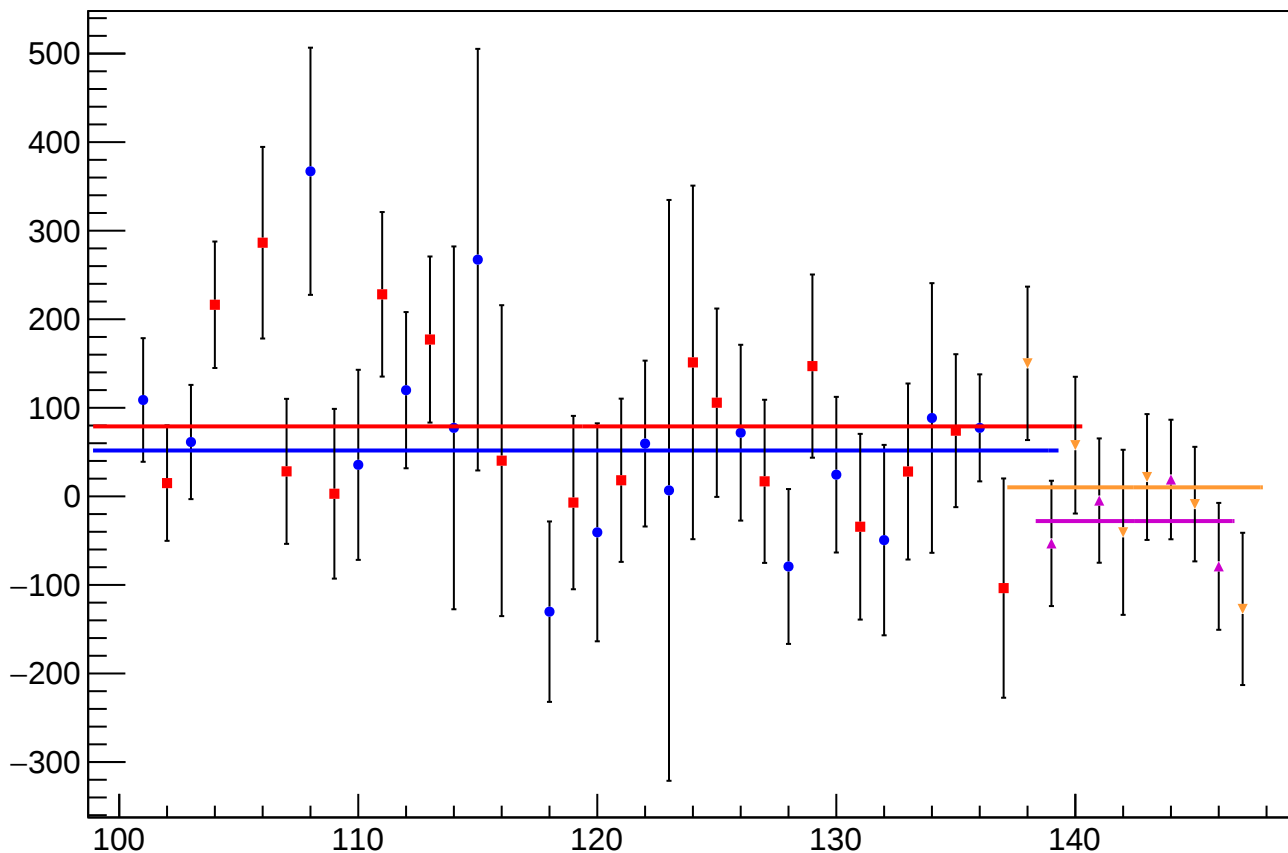
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 217.171+/-0.054 χ^2/NDF :3811500.1/20

Out: 192.404+/-0.046 χ^2/NDF :4762858.3/23

All: 202.721+/-0.035 χ^2/NDF : 8696242.6/44

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: -27.899 $\pm$ 34.984 χ^2 /NDF: 1.2/3

Left: -7.038 $\pm$ 23.533 χ^2 /NDF: 7.8/9

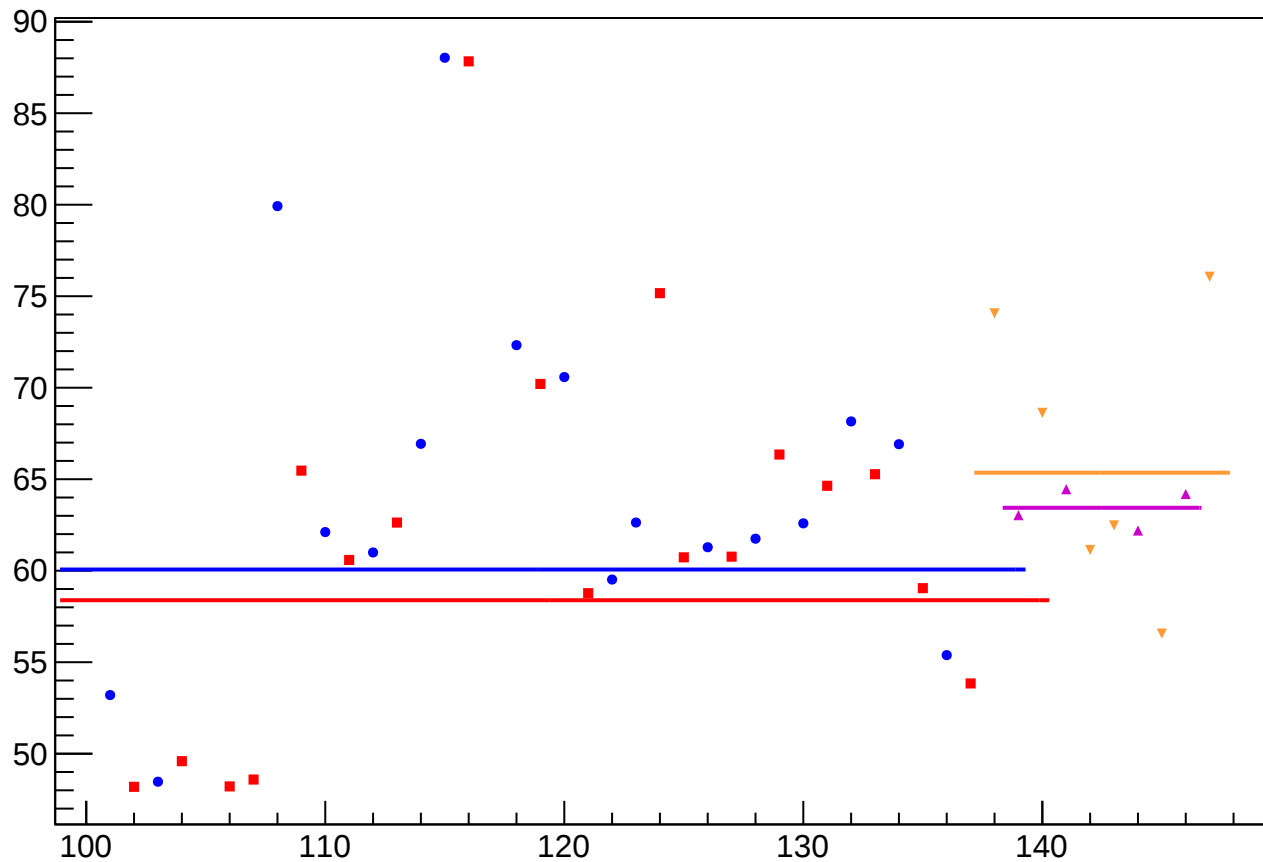
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 26.964 $\pm$ 19.529 χ^2 /NDF: 19.3/20

Out: 56.060 $\pm$ 18.368 χ^2 /NDF: 28.0/23

All: 42.403 $\pm$ 13.380 χ^2 /NDF: 48.6/44

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: 63.438 $\pm$ 0.025 χ^2 /NDF:1381.8/3

Left: 64.488 $\pm$ 0.017 χ^2 /NDF: 103864.9/9

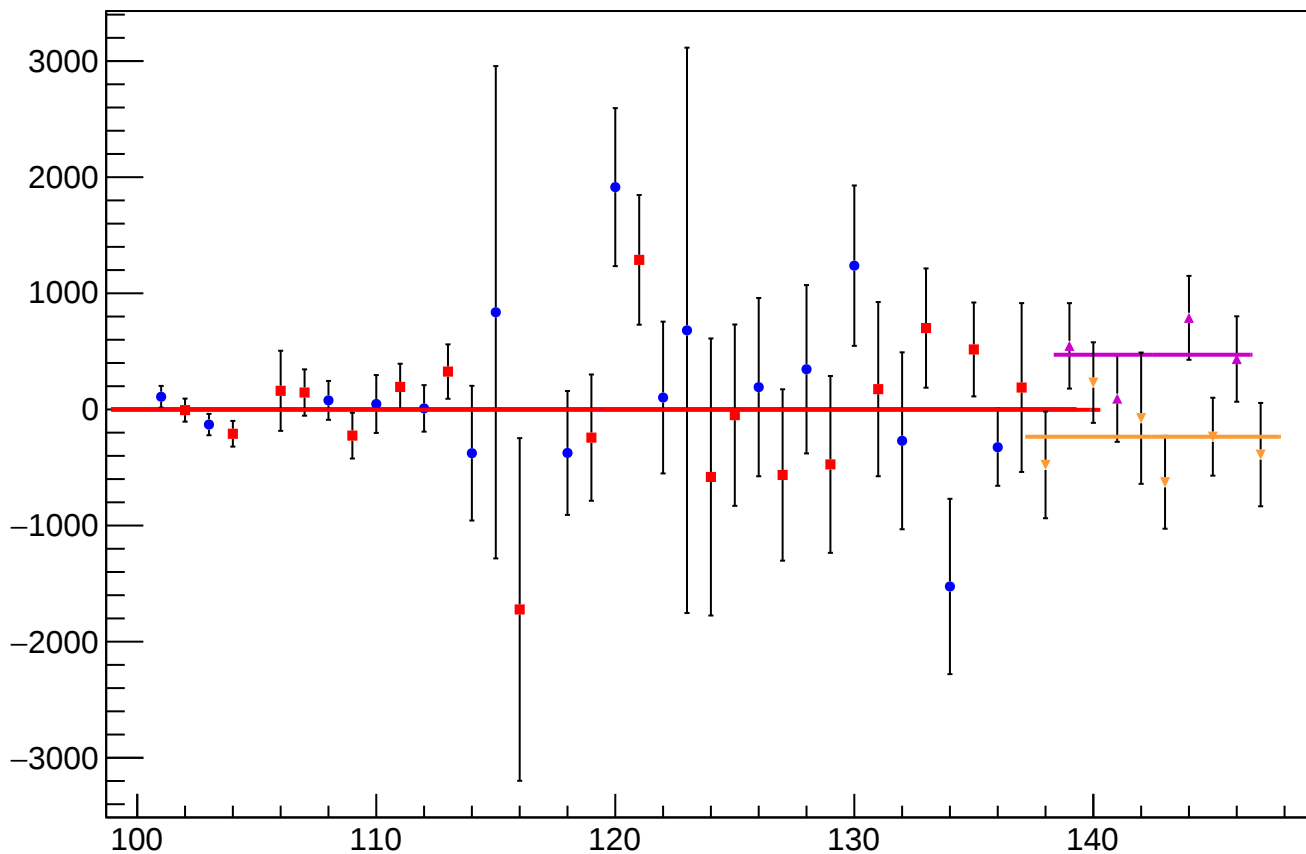
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 61.116 $\pm$ 0.014 χ^2 /NDF:243279.3/20

Out: 60.711 $\pm$ 0.013 χ^2 /NDF:438211.2/23

All: 60.901 $\pm$ 0.009 χ^2 /NDF: 681947.2/44

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -235.234 ± 165.818 $\chi^2/\text{NDF}: 3.2/5$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 470.947 ± 183.623 $\chi^2/\text{NDF}: 1.9/3$

Left: 81.967 ± 123.066 $\chi^2/\text{NDF}: 13.3/9$

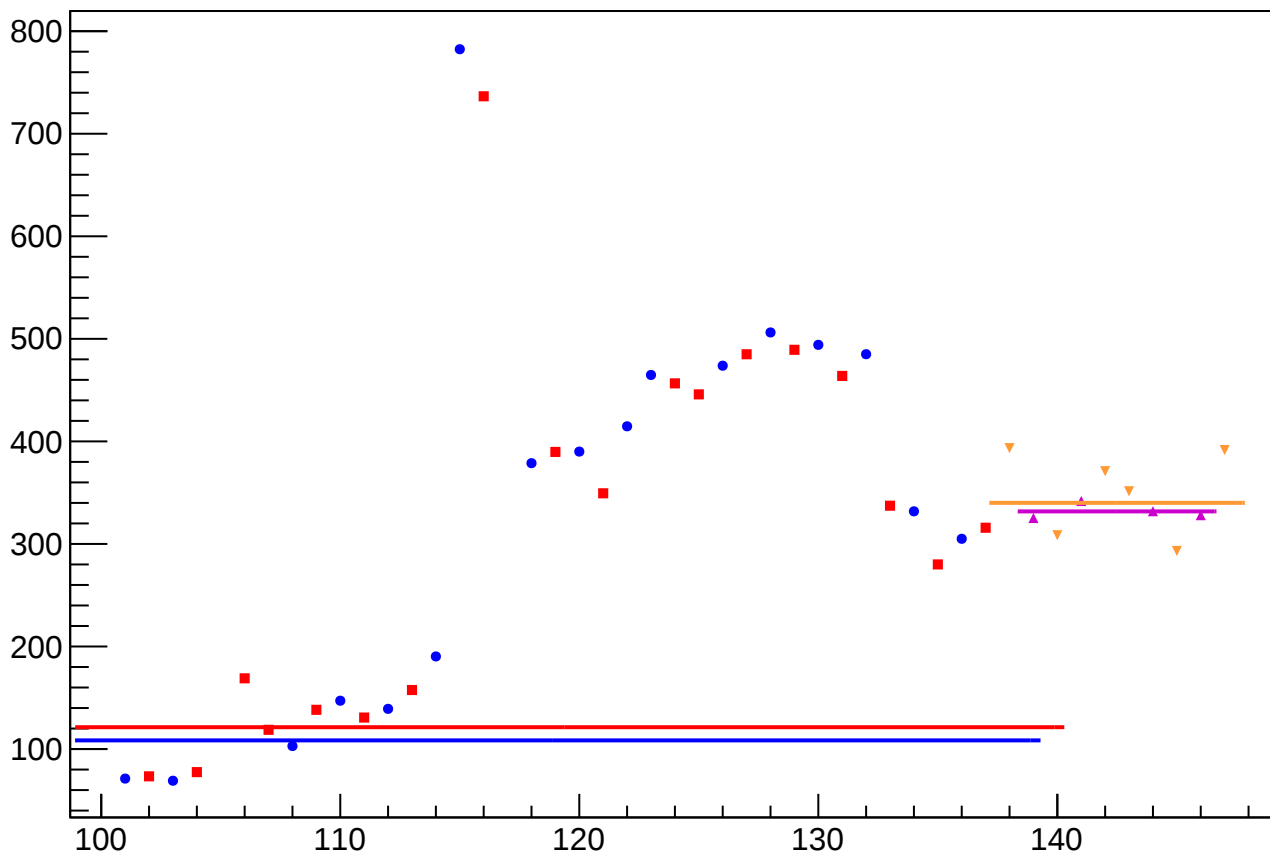
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 39.304 ± 52.057 $\chi^2/\text{NDF}: 29.3/20$

Out: -27.460 ± 53.575 $\chi^2/\text{NDF}: 25.2/23$

All: 6.882 ± 37.335 $\chi^2/\text{NDF}: 55.3/44$

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: 331.725 $\pm$ 0.130 χ^2/NDF : 2293.3/3

Left: 336.331 $\pm$ 0.087 χ^2/NDF : 121536.6/9

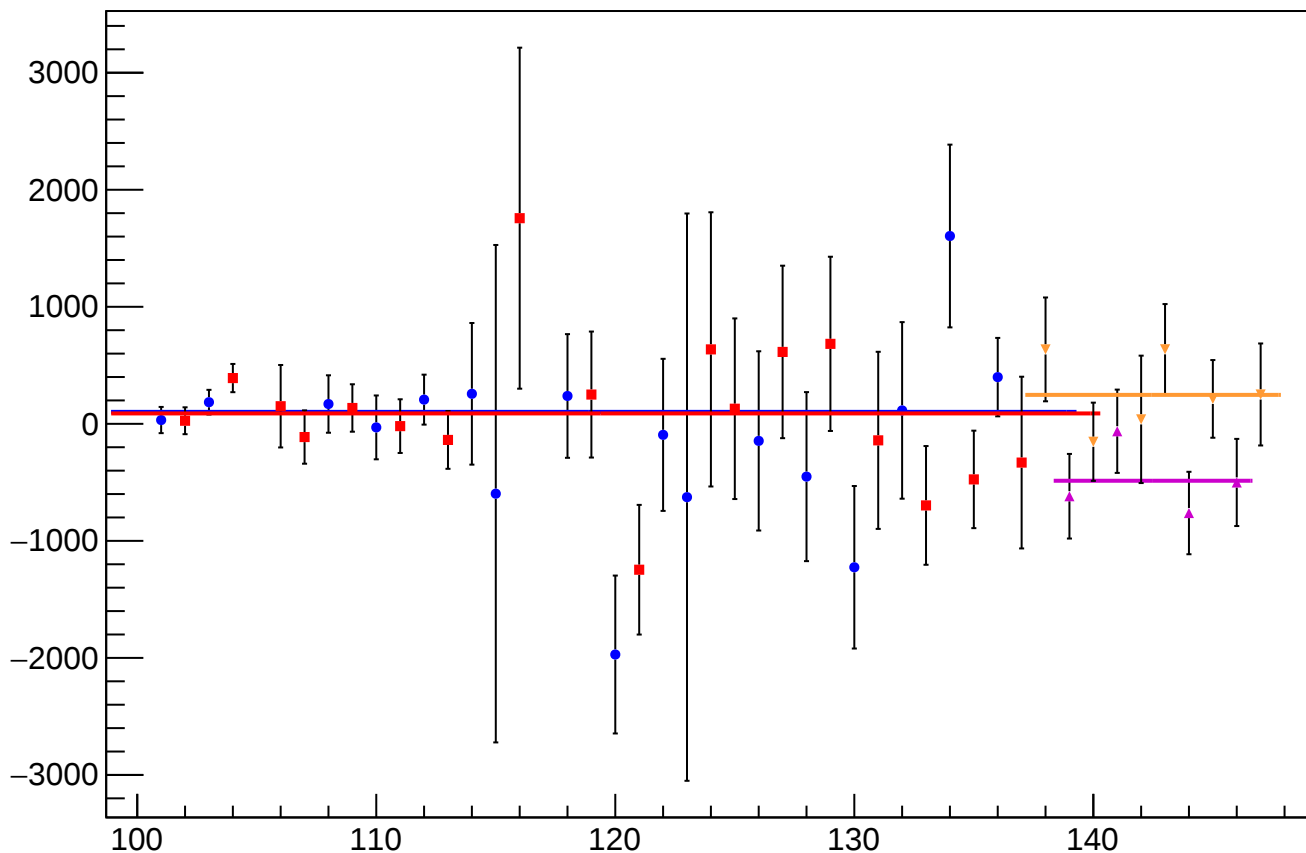
Right: 114.604 $\pm$ 0.028 χ^2/NDF : 10189429.3/34

In: 126.390 $\pm$ 0.037 χ^2/NDF : 8125896.2/20

Out: 144.142 $\pm$ 0.038 χ^2/NDF : 7966797.6/23

All: 135.011 $\pm$ 0.026 χ^2/NDF : 16205639.6/44

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: -486.351 $\pm$ 180.121 χ^2 /NDF:2.2/3

Left: -79.101 $\pm$ 120.149 χ^2 /NDF: 14.8/9

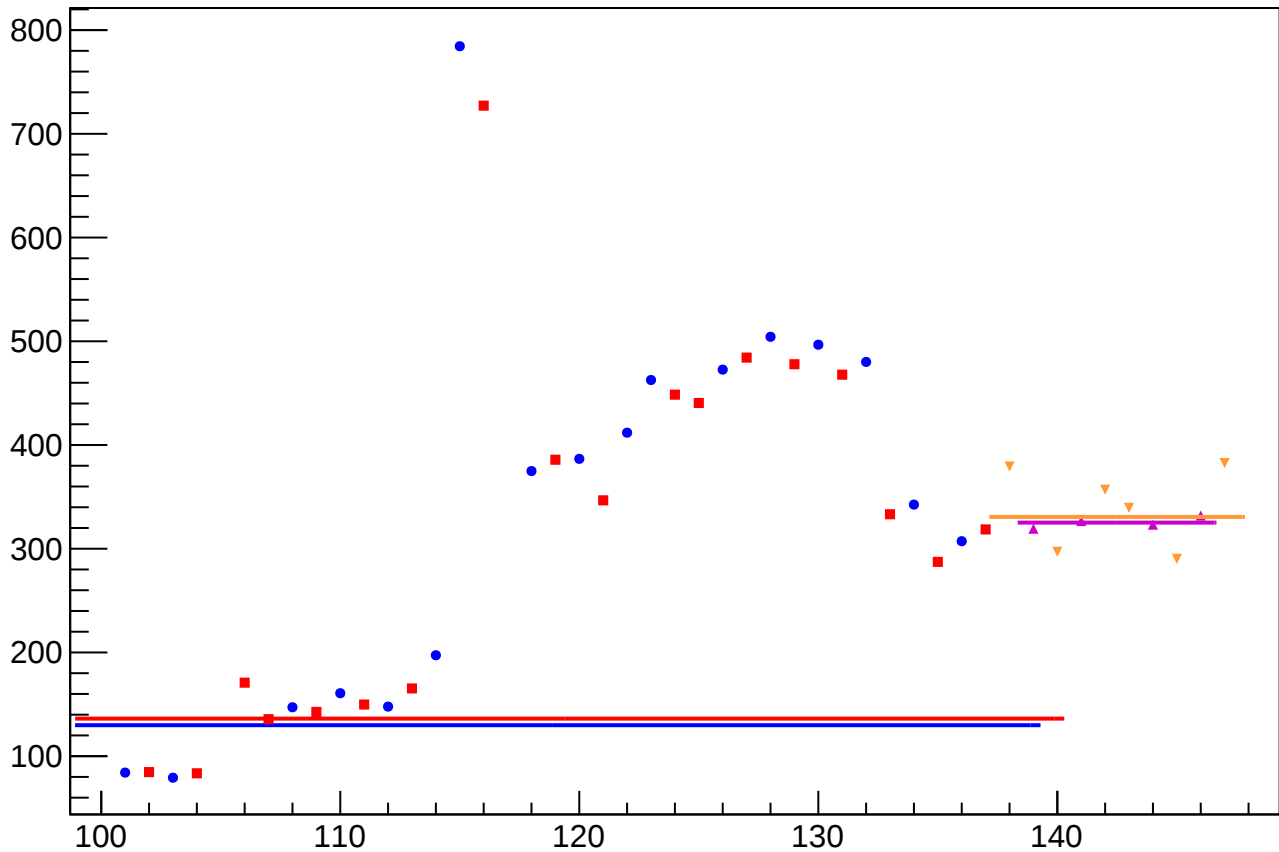
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 37.835 $\pm$ 59.575 χ^2 /NDF:31.9/20

Out: 109.386 $\pm$ 58.058 χ^2 /NDF:26.0/23

All: 74.533 $\pm$ 41.579 χ^2 /NDF: 58.6/44

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: 325.188 ± 0.127 χ^2/NDF : 1299.8/3

Left: 328.229 ± 0.085 χ^2/NDF : 110325.8/9

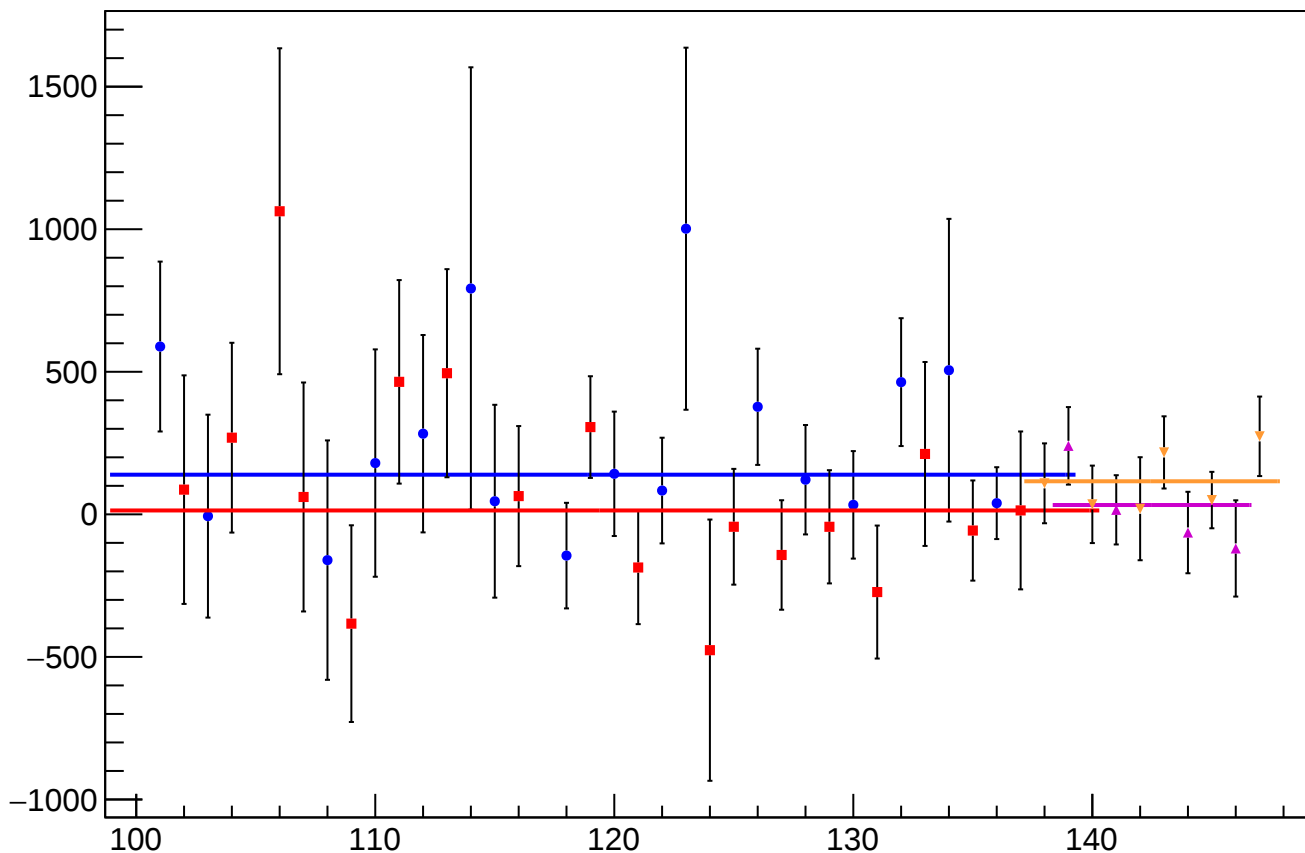
Right: 133.100 ± 0.031 χ^2/NDF : 9122555.3/34

In: 151.249 ± 0.042 χ^2/NDF : 6924971.8/20

Out: 161.425 ± 0.041 χ^2/NDF : 6921375.1/23

All: 156.468 ± 0.029 χ^2/NDF : 13876276.9/44

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: 32.767 $\pm$ 69.678 χ^2 /NDF:3.6/3

Left: 85.263 $\pm$ 42.344 χ^2 /NDF: 7.5/9

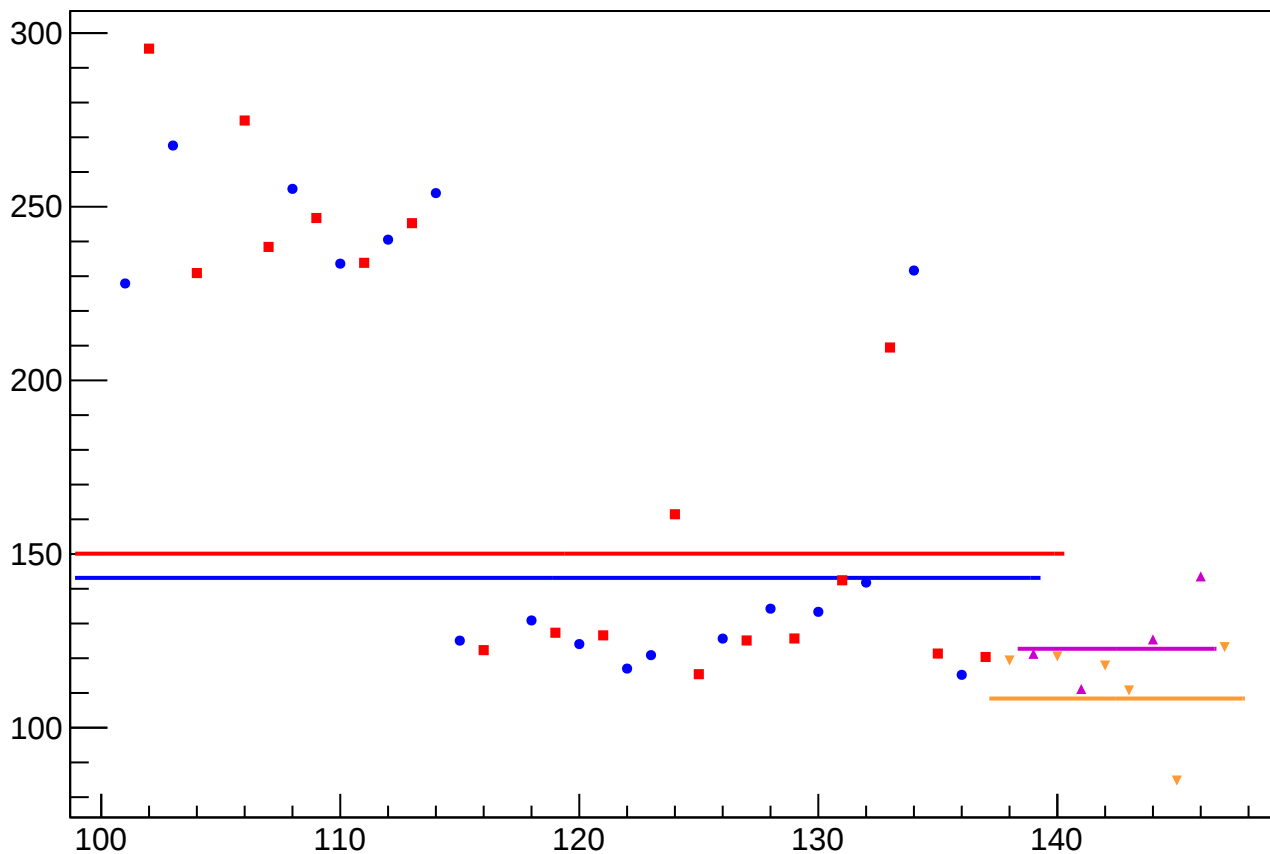
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 95.590 $\pm$ 44.569 χ^2 /NDF:18.1/20

Out: 70.941 $\pm$ 39.894 χ^2 /NDF:21.1/23

All: 81.905 $\pm$ 29.725 χ^2 /NDF: 39.3/44

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: 122.724 $\pm$ 0.049 χ^2/NDF : 49613.2/3

Left: 113.691 $\pm$ 0.030 χ^2/NDF : 273730.4/9

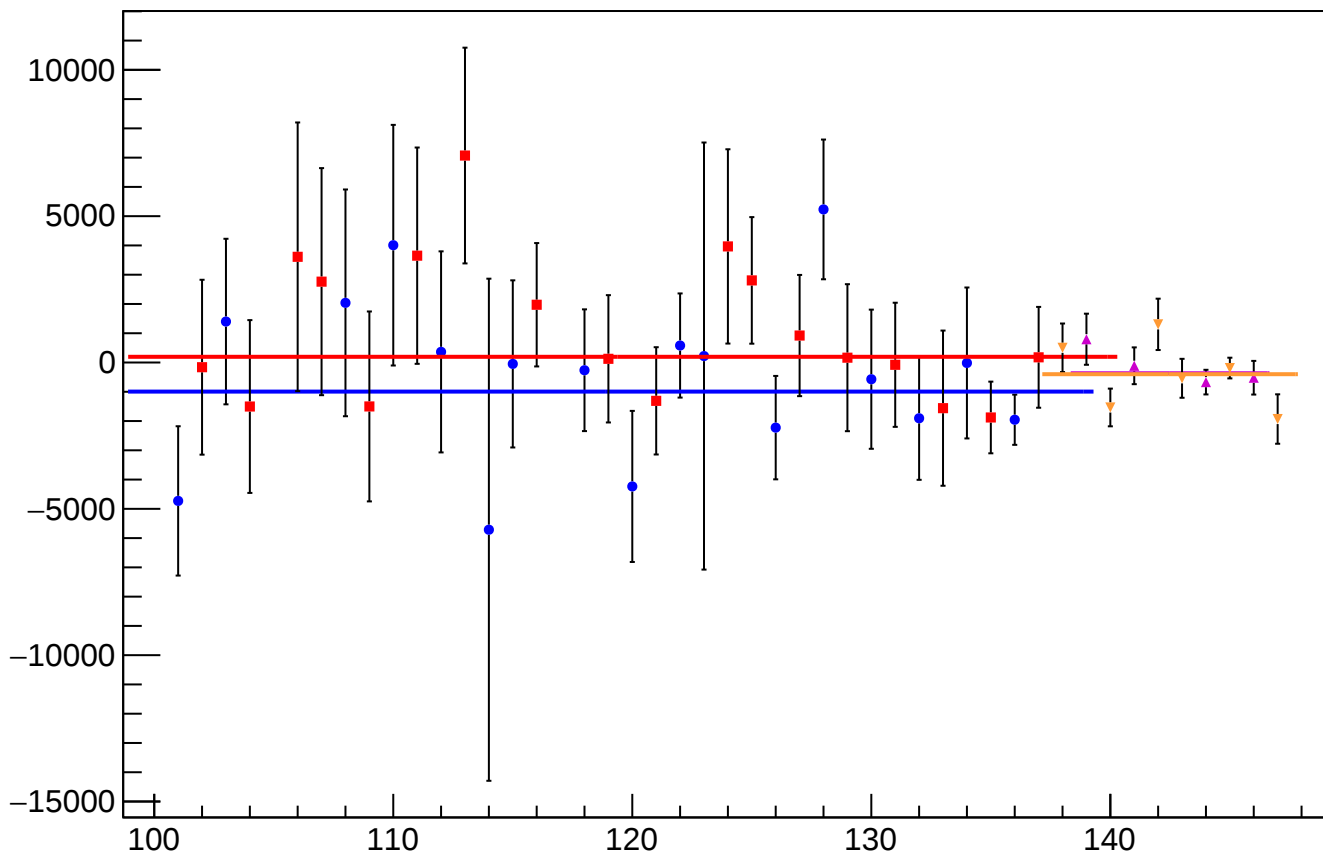
Right: 146.498 $\pm$ 0.030 χ^2/NDF : 2447968.1/34

In: 134.787 $\pm$ 0.032 χ^2/NDF : 1252328.2/20

Out: 126.762 $\pm$ 0.028 χ^2/NDF : 2042296.3/23

All: 130.331 $\pm$ 0.021 χ^2/NDF : 3330626.0/44

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -399.366+/-243.782 χ^2/NDF : 11.8/5

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -367.286+/-282.675 χ^2/NDF : 2.5/3

Left: -385.683+/-184.612 χ^2/NDF : 14.3/9

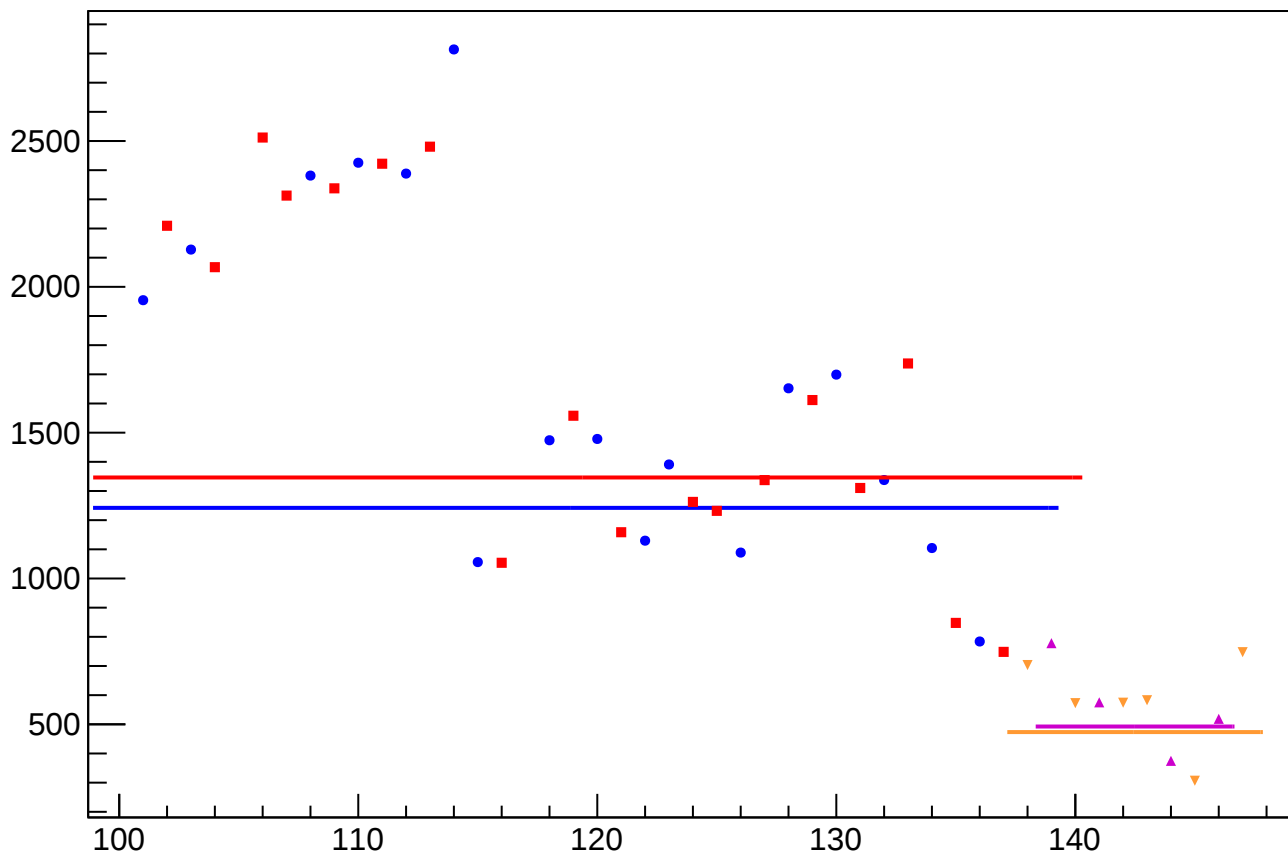
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -511.702+/-247.963 χ^2/NDF : 20.6/20

Out: -299.905+/-222.454 χ^2/NDF : 26.3/23

All: -394.352+/-165.585 χ^2/NDF : 47.3/44

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 ± 0.365 $\chi^2/\text{NDF}: 1767422.8/16$

Left Out: 473.406 ± 0.172 $\chi^2/\text{NDF}: 936824.3/5$

Right Out: 1346.340 ± 0.385 $\chi^2/\text{NDF}: 1809161.2/17$

Left In: 492.464 ± 0.200 $\chi^2/\text{NDF}: 409790.5/3$

Left: 481.535 ± 0.131 $\chi^2/\text{NDF}: 1351828.2/9$

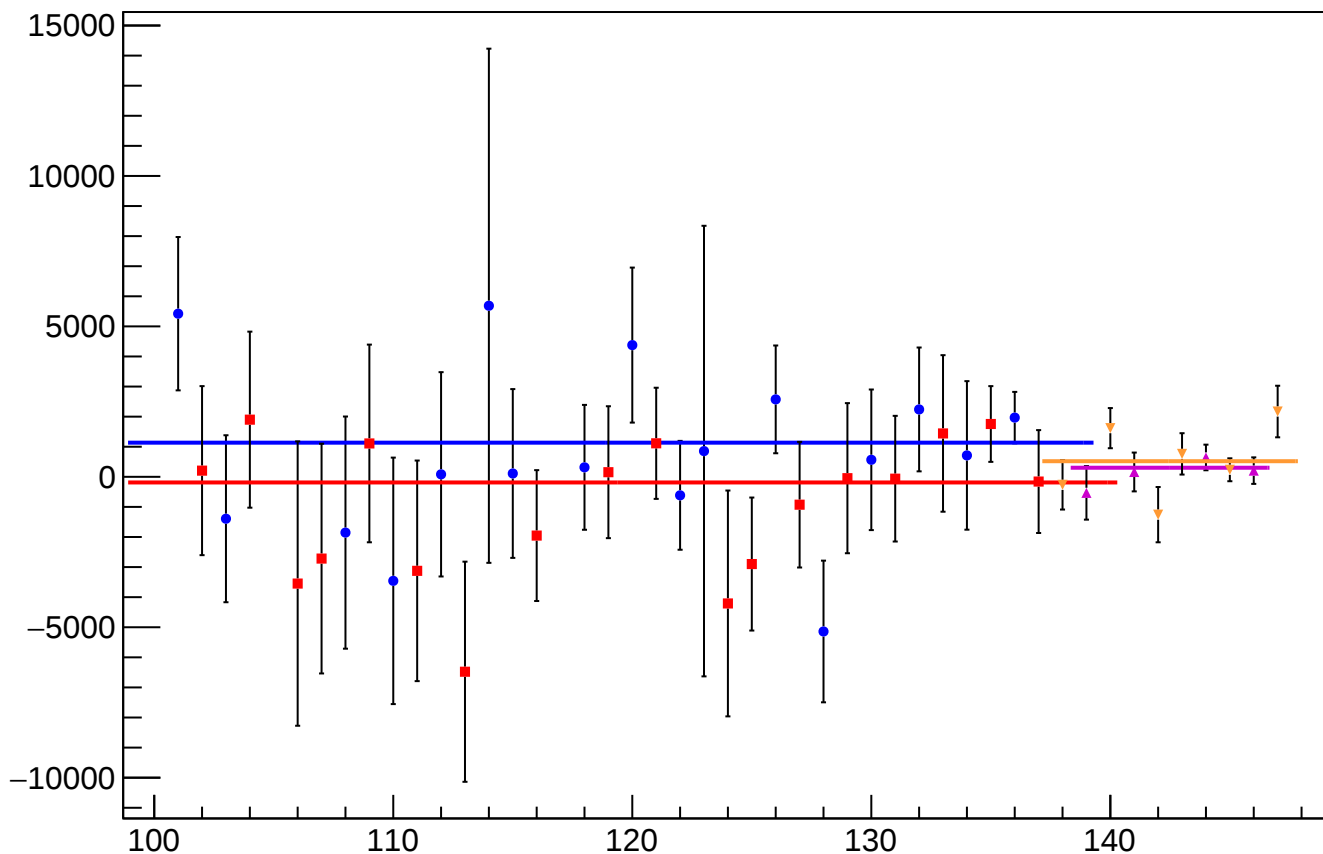
Right: 1291.570 ± 0.265 $\chi^2/\text{NDF}: 3615166.4/34$

In: 665.282 ± 0.175 $\chi^2/\text{NDF}: 5420136.9/20$

Out: 619.472 ± 0.157 $\chi^2/\text{NDF}: 7036943.2/23$

All: 639.900 ± 0.117 $\chi^2/\text{NDF}: 12494902.1/44$

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: 301.818 $\pm$ 264.158 χ^2 /NDF:1.6/3

Left: 413.883 $\pm$ 183.752 χ^2 /NDF: 13.7/9

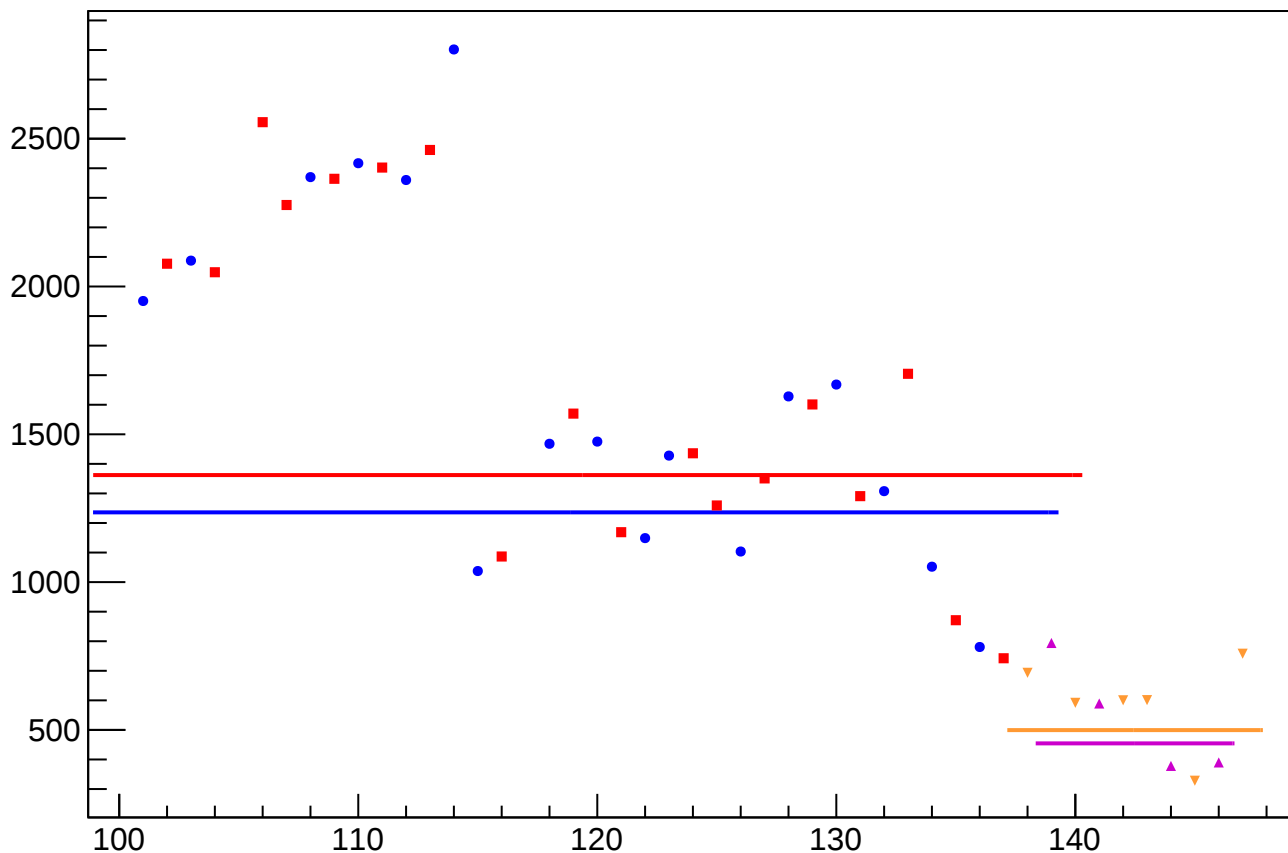
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 476.069 $\pm$ 234.925 χ^2 /NDF:21.5/20

Out: 392.650 $\pm$ 231.786 χ^2 /NDF:25.1/23

All: 433.798 $\pm$ 164.996 χ^2 /NDF: 46.6/44

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2/NDF : 1745716.2/16

Left Out: 499.349 $\pm$ 0.181 χ^2/NDF : 803400.4/5

Right Out: 1362.092 $\pm$ 0.388 χ^2/NDF : 1709253.2/17

Left In: 454.462 $\pm$ 0.187 χ^2/NDF : 485401.1/3

Left: 477.629 $\pm$ 0.130 χ^2/NDF : 1318608.0/9

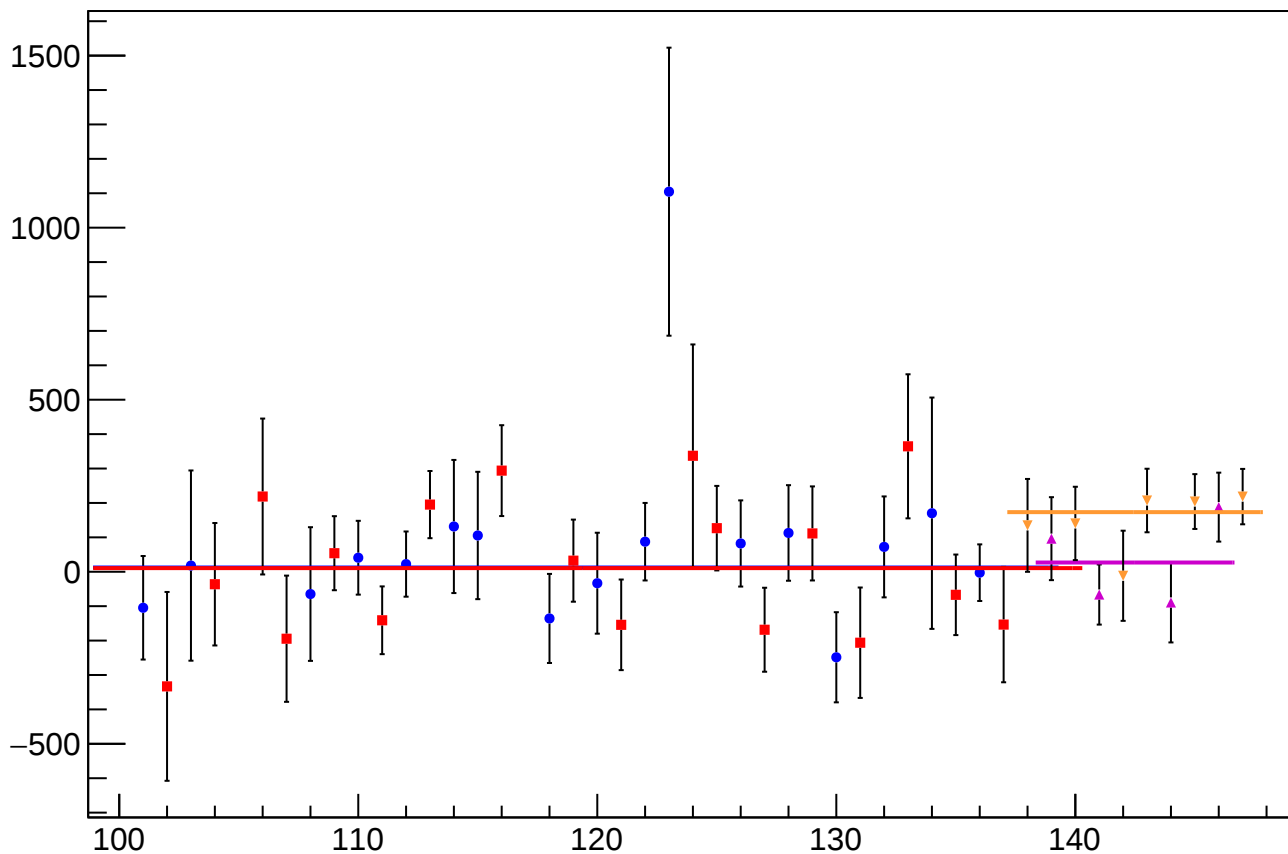
Right: 1294.931 $\pm$ 0.265 χ^2/NDF : 3511356.6/34

In: 617.855 $\pm$ 0.166 χ^2/NDF : 5890899.9/20

Out: 653.587 $\pm$ 0.164 χ^2/NDF : 6580738.8/23

All: 635.962 $\pm$ 0.117 χ^2/NDF : 12495083.9/44

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: 26.871+/-51.732 χ^2/NDF : 5.0/3

Left: 118.800+/-31.558 χ^2/NDF : 12.8/9

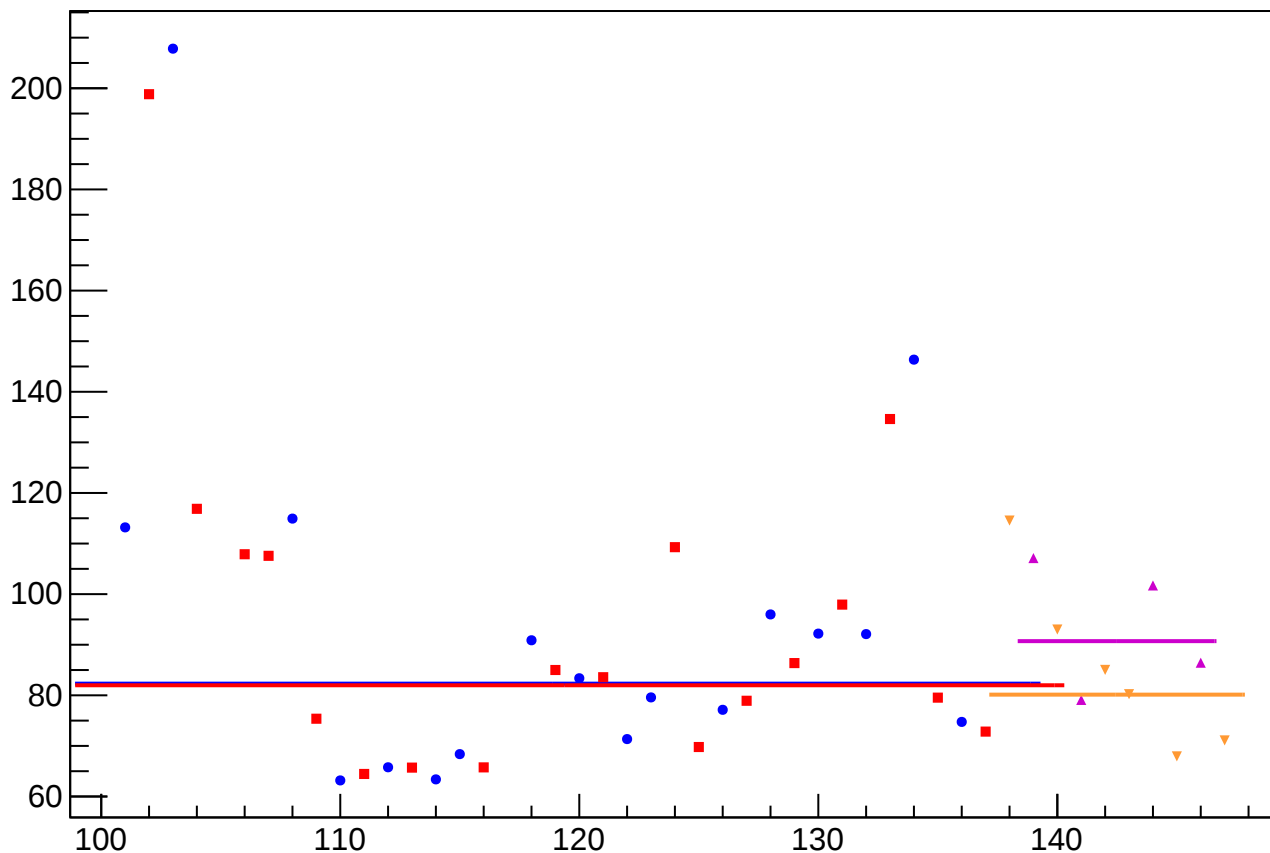
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 16.562+/-27.958 χ^2/NDF : 20.5/20

Out: 75.879+/-25.229 χ^2/NDF : 39.5/23

All: 49.255+/-18.730 χ^2/NDF : 62.4/44

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 80.133 $\pm$ 0.028 χ^2 /NDF: 234256.9/5

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 90.709 $\pm$ 0.037 χ^2 /NDF: 94073.4/3

Left: 84.069 $\pm$ 0.022 χ^2 /NDF: 380812.6/9

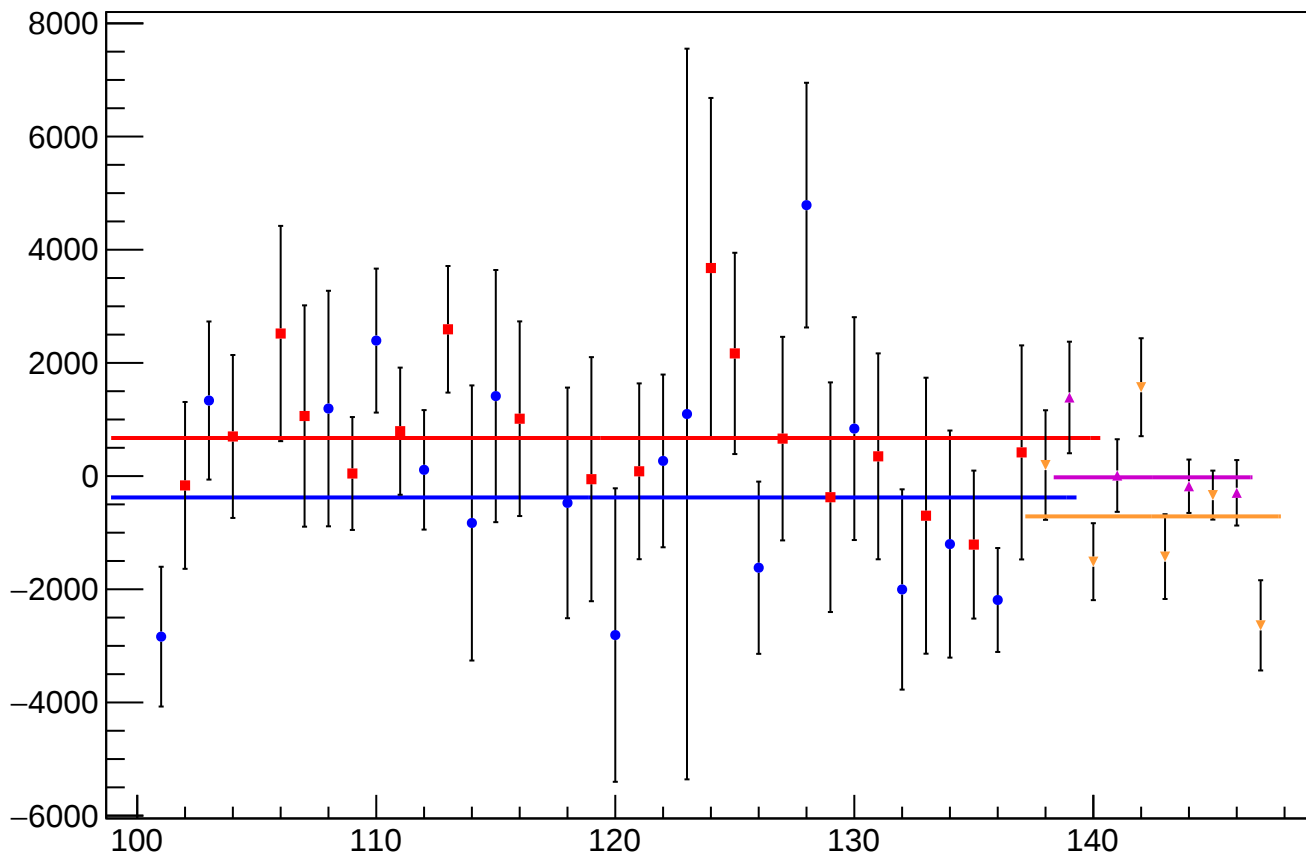
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 84.760 $\pm$ 0.020 χ^2 /NDF: 1000178.0/20

Out: 81.243 $\pm$ 0.018 χ^2 /NDF: 1090068.7/23

All: 82.822 $\pm$ 0.013 χ^2 /NDF: 2107689.0/44

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: -21.507 ± 302.337 $\chi^2/\text{NDF}: 2.4/3$

Left: -399.995 ± 203.261 $\chi^2/\text{NDF}: 22.0/9$

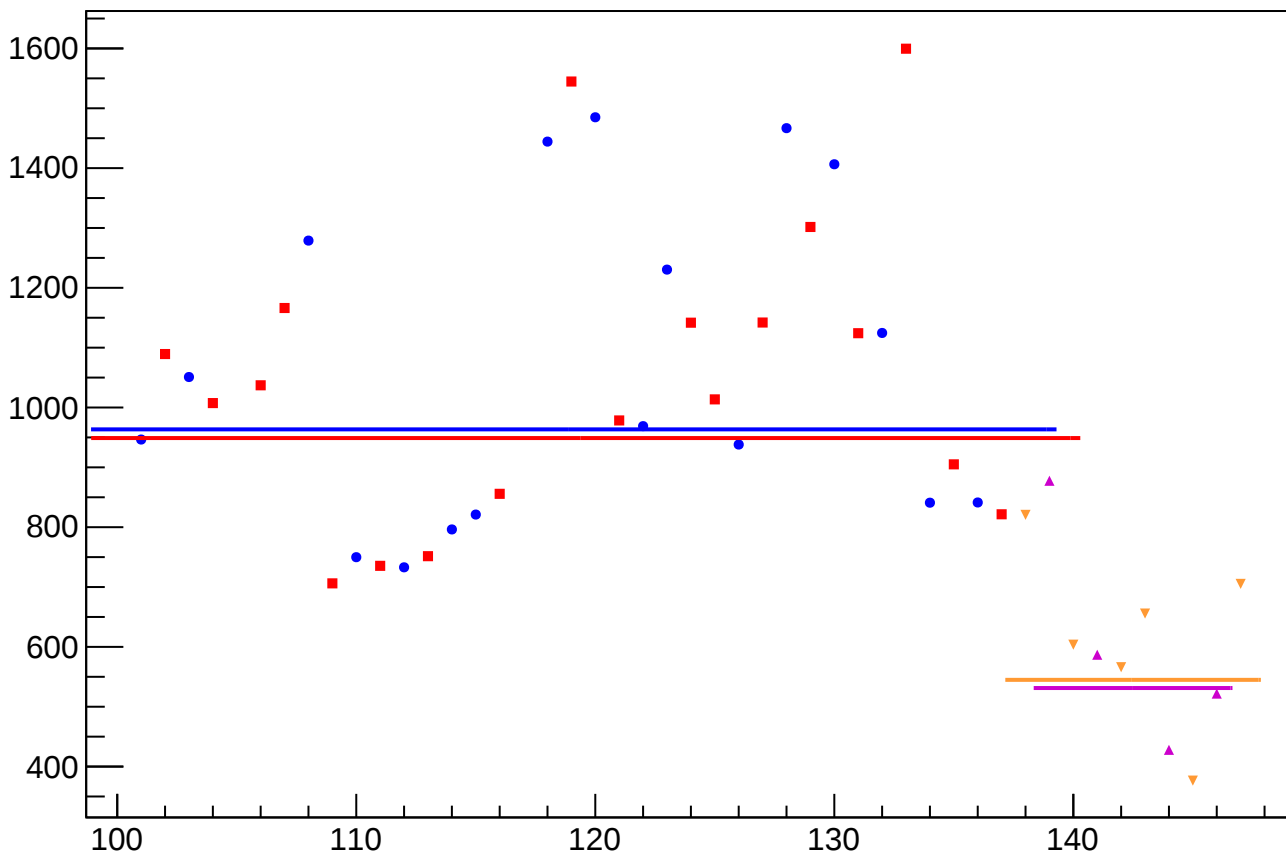
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -157.718 ± 237.522 $\chi^2/\text{NDF}: 27.4/20$

Out: -217.816 ± 220.200 $\chi^2/\text{NDF}: 35.2/23$

All: -190.038 ± 161.482 $\chi^2/\text{NDF}: 62.6/44$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 544.916+/-0.194 χ^2/NDF : 605938.7/5

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 531.242+/-0.214 χ^2/NDF : 358323.7/3

Left: 538.736+/-0.144 χ^2/NDF : 966504.4/9

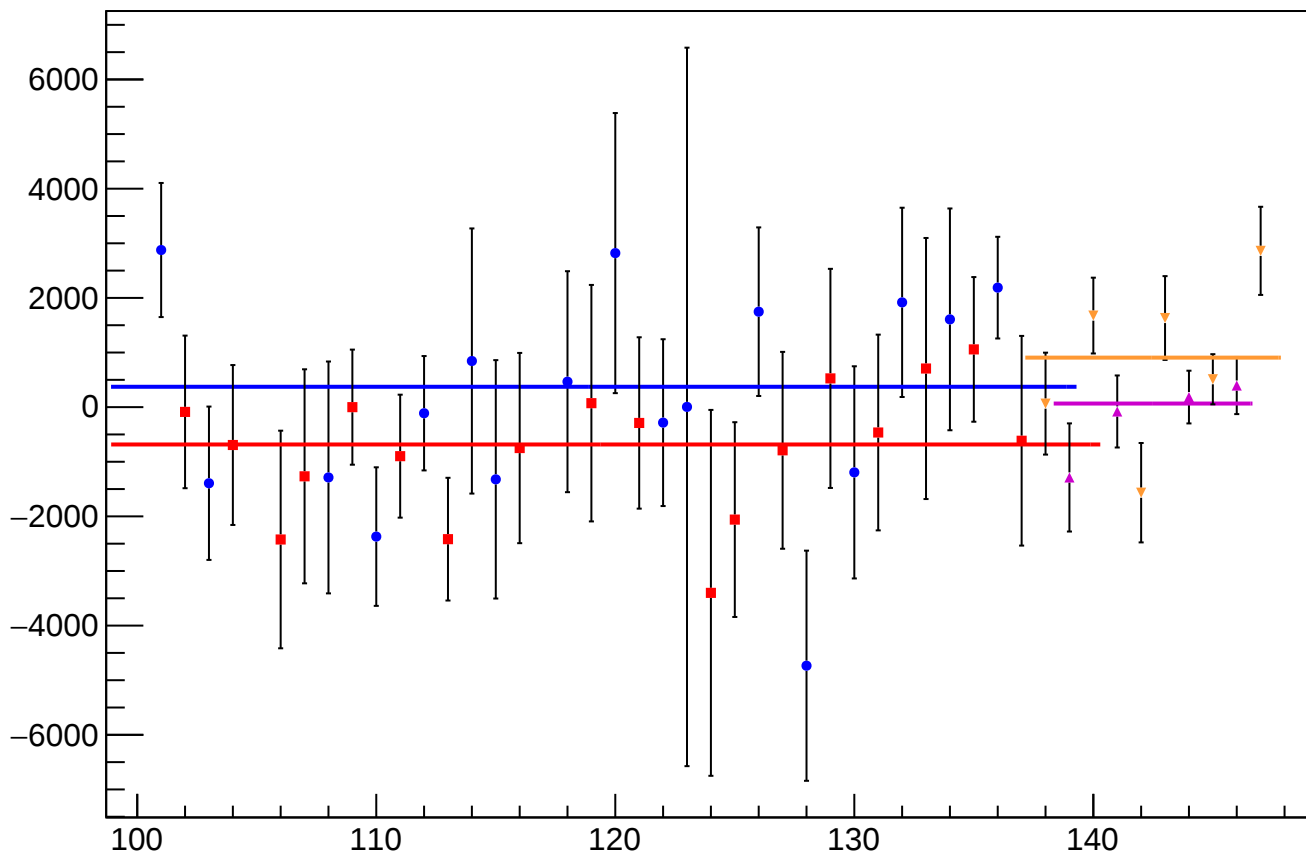
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 696.700+/-0.168 χ^2/NDF : 2611953.5/20

Out: 689.089+/-0.156 χ^2/NDF : 2880626.4/23

All: 692.607+/-0.114 χ^2/NDF : 5493684.4/44

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: 65.853+/-297.896 χ^2/NDF : 2.4/3

Left: 506.660+/-205.476 χ^2/NDF : 23.5/9

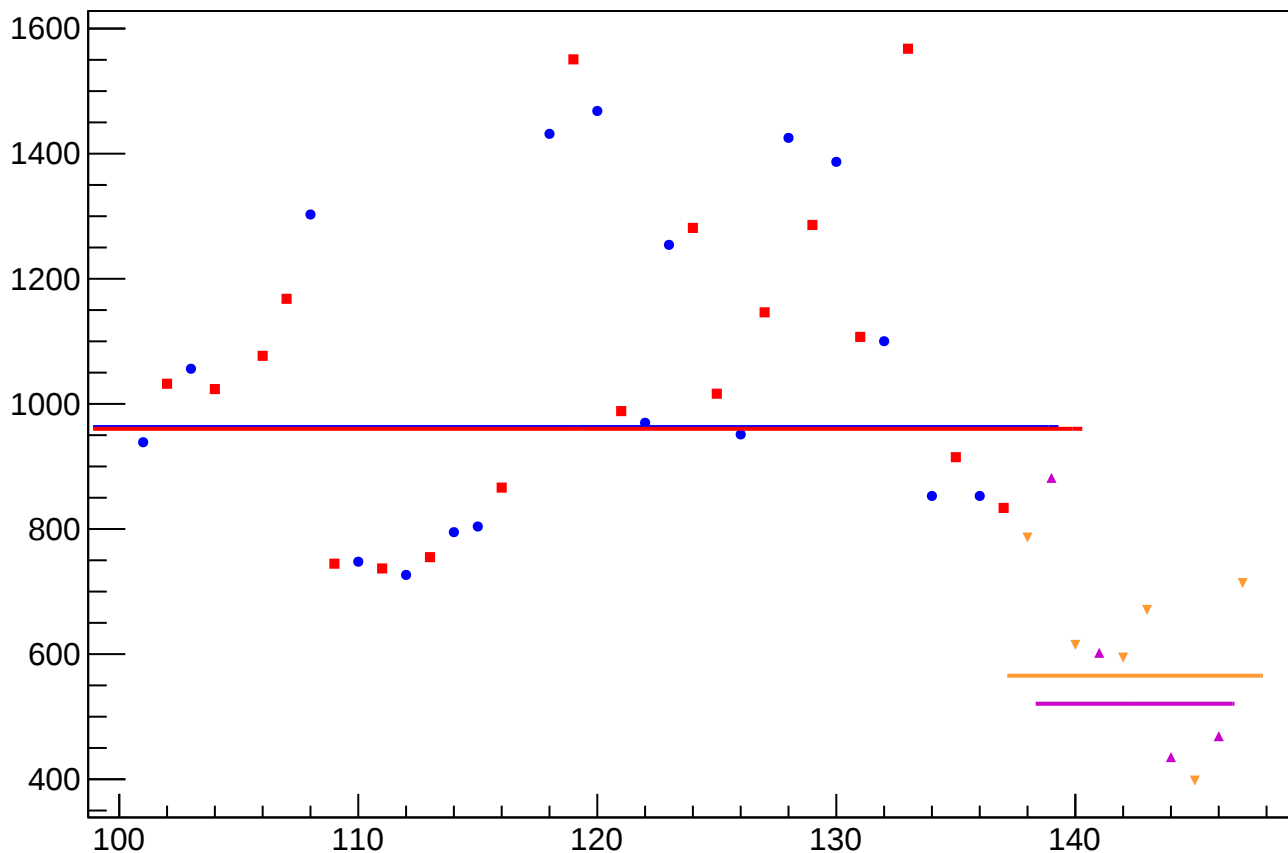
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 181.339+/-235.296 χ^2/NDF : 28.0/20

Out: 322.488+/-225.724 χ^2/NDF : 36.2/23

All: 254.843+/-162.890 χ^2/NDF : 64.5/44

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: 520.699 $\pm$ 0.211 χ^2 /NDF: 378601.0/3

Left: 544.204 $\pm$ 0.145 χ^2 /NDF: 898299.7/9

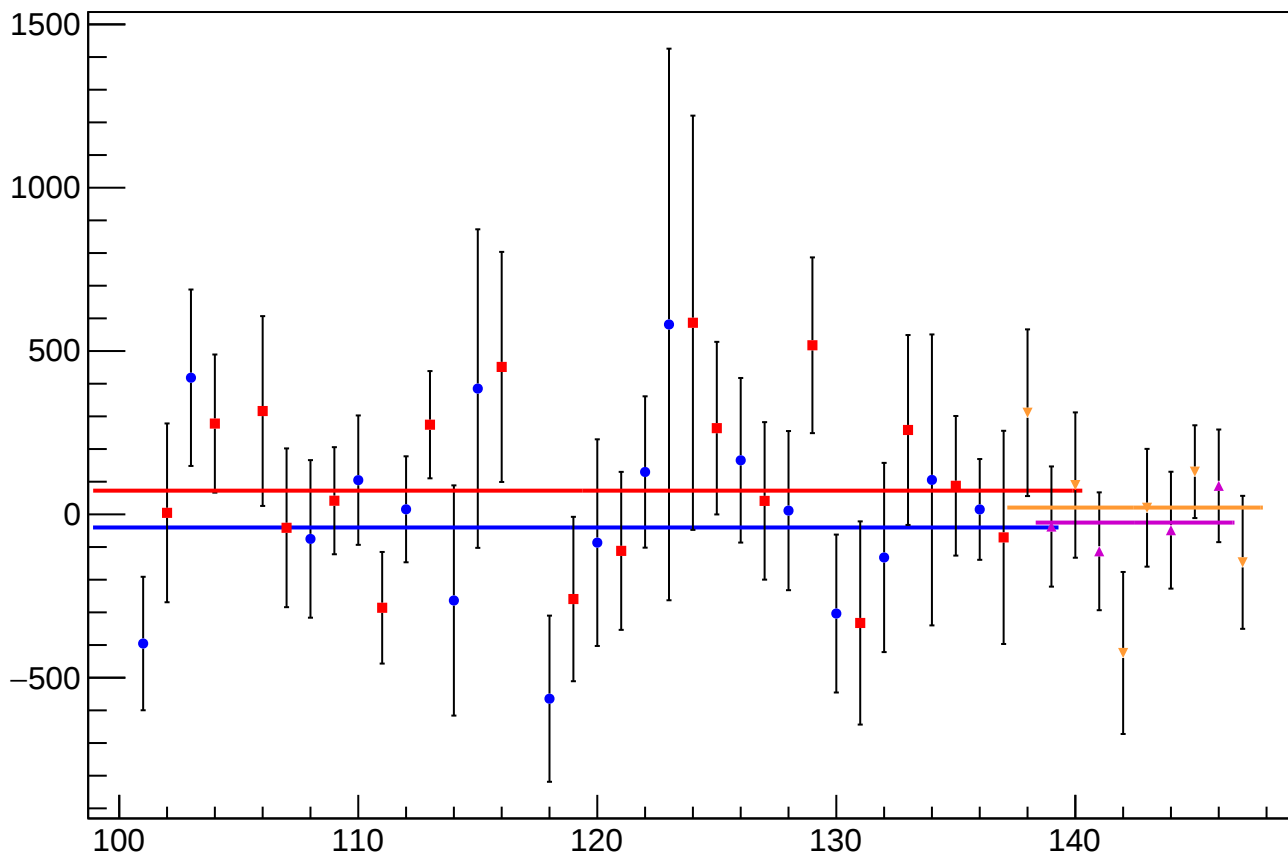
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 687.048 $\pm$ 0.166 χ^2 /NDF: 2704221.2/20

Out: 710.528 $\pm$ 0.160 χ^2 /NDF: 2588028.3/23

All: 699.275 $\pm$ 0.115 χ^2 /NDF: 5302620.4/44

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: -25.161 ± 89.385 $\chi^2/\text{NDF}: 0.7/3$

Left: 0.369 ± 59.607 $\chi^2/\text{NDF}: 6.7/9$

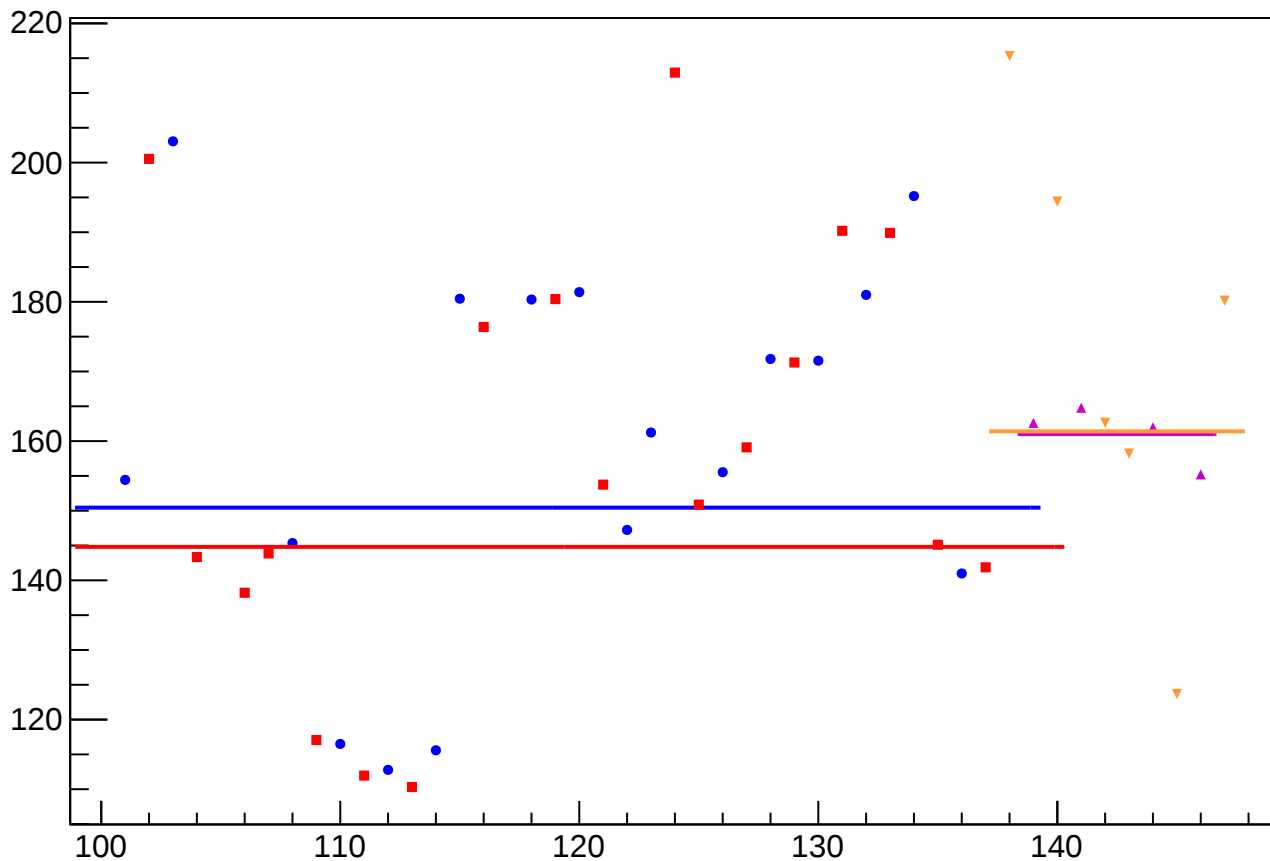
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: -35.554 ± 49.389 $\chi^2/\text{NDF}: 16.0/20$

Out: 55.443 ± 46.047 $\chi^2/\text{NDF}: 23.8/23$

All: 13.127 ± 33.680 $\chi^2/\text{NDF}: 41.6/44$

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: 161.005 $\pm$ 0.063 χ^2 /NDF:3347.6/3

Left: 161.226 $\pm$ 0.042 χ^2 /NDF: 295449.7/9

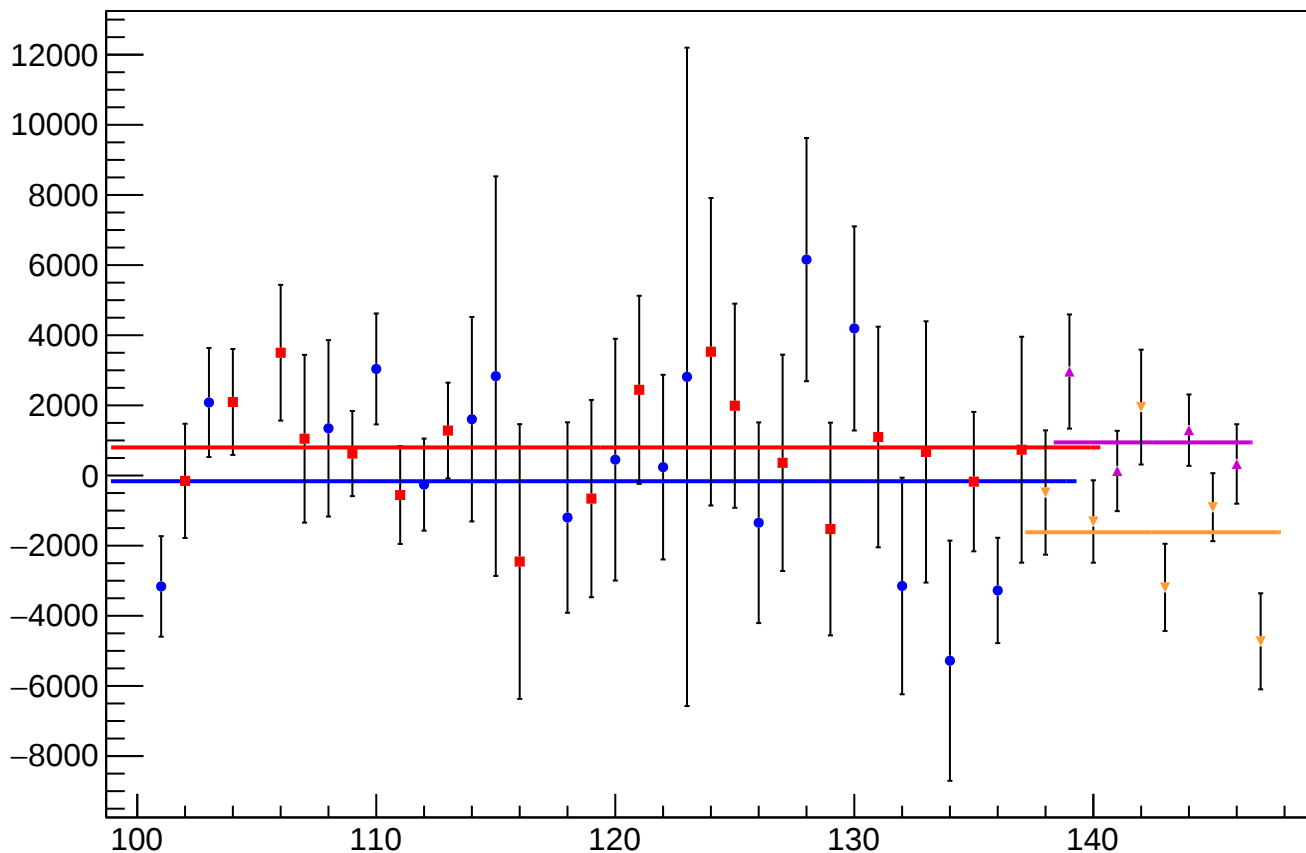
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 153.667 $\pm$ 0.035 χ^2 /NDF:422874.7/20

Out: 150.307 $\pm$ 0.033 χ^2 /NDF:853500.7/23

All: 151.869 $\pm$ 0.024 χ^2 /NDF: 1281328.4/44

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: 944.573+/-588.803 χ^2/NDF : 2.5/3

Left: -488.152+/-390.935 χ^2/NDF : 25.6/9

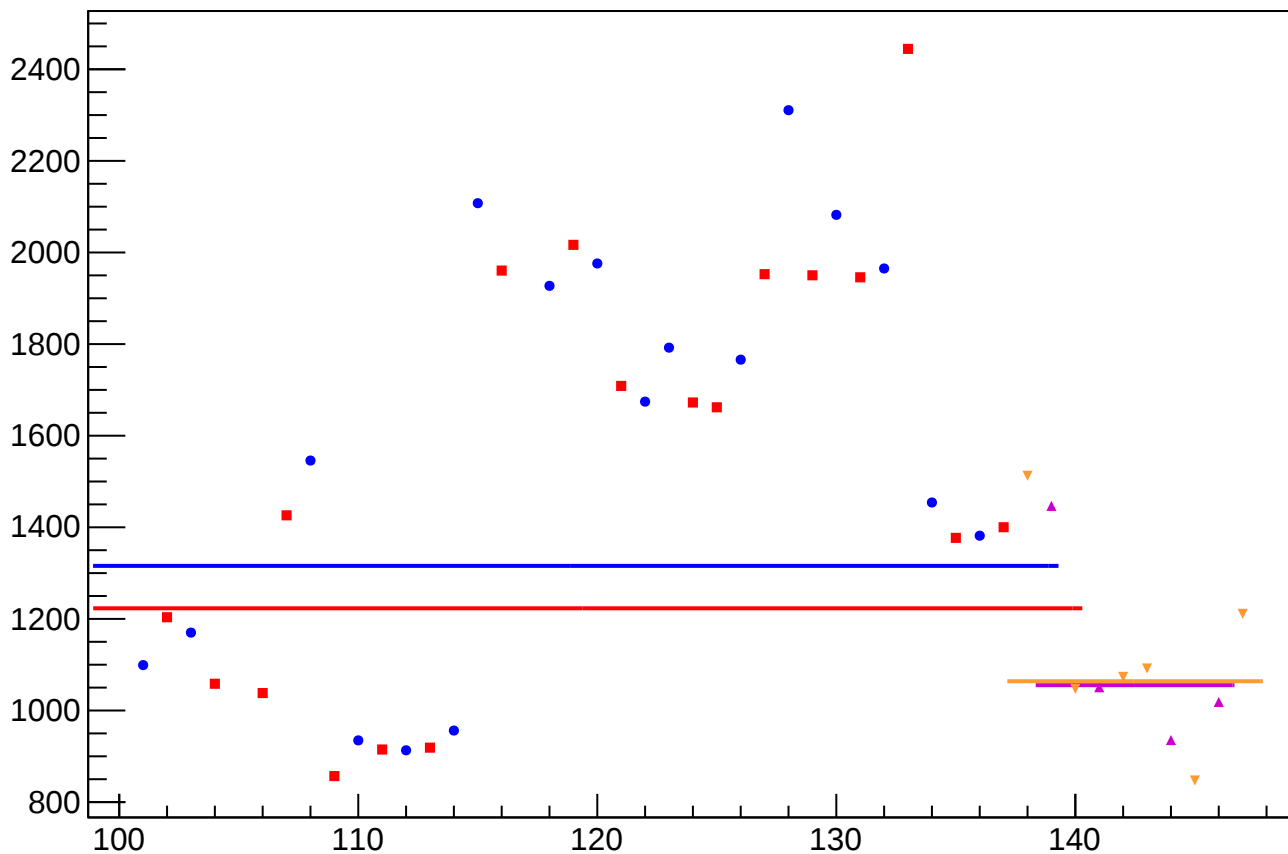
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 336.103+/-395.214 χ^2/NDF : 29.5/20

Out: -321.659+/-356.191 χ^2/NDF : 30.9/23

All: -26.846+/-264.589 χ^2/NDF : 61.9/44

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: 1055.401+/-0.416 χ^2/NDF : 145530.1/3

Left: 1060.161+/-0.276 χ^2/NDF : 398310.9/9

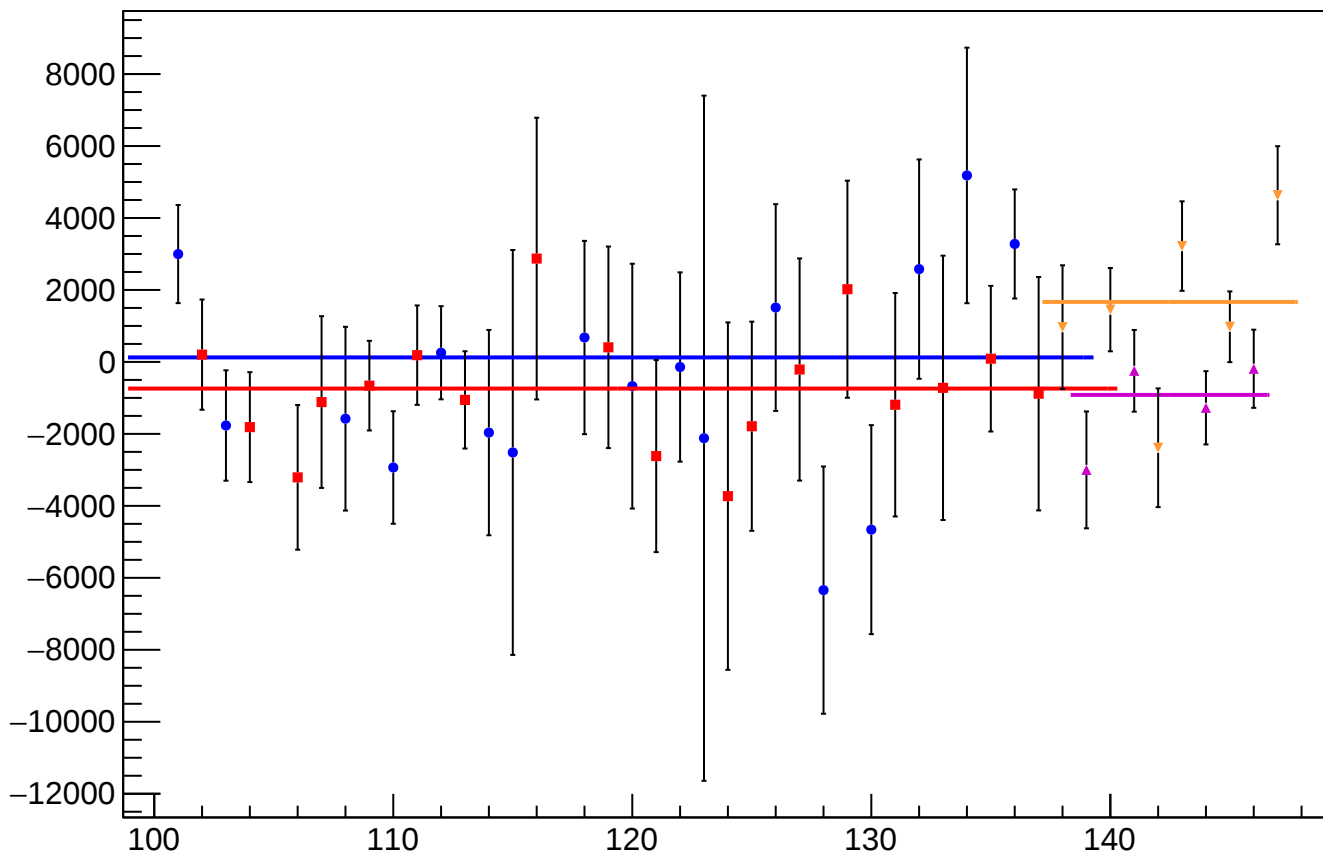
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1198.474+/-0.279 χ^2/NDF : 1478787.1/20

Out: 1149.248+/-0.252 χ^2/NDF : 1715053.4/23

All: 1171.311+/-0.187 χ^2/NDF : 3210961.1/44

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377+/-526.801 χ^2/NDF : 24.7/16

Left Out: 1667.319+/-521.844 χ^2/NDF :13.0/5

Right Out: -739.954+/-486.808 χ^2/NDF : 6.0/17

Left In: -916.865+/-580.422 χ^2/NDF :2.6/3

Left: 512.171+/-388.062 χ^2/NDF : 26.5/9

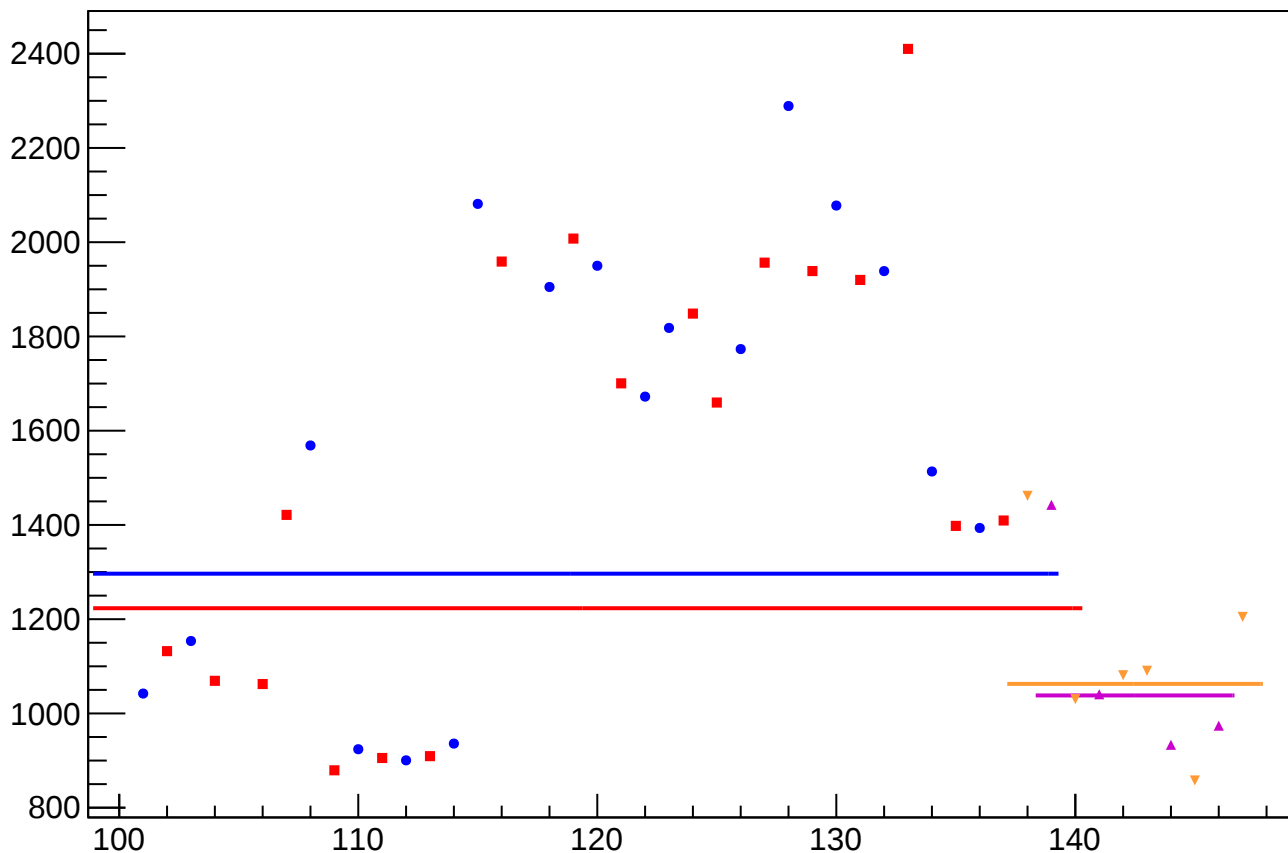
Right: -341.379+/-357.529 χ^2/NDF : 32.1/34

In: -345.388+/-390.087 χ^2/NDF :29.0/20

Out: 380.164+/-355.967 χ^2/NDF :30.4/23

All: 50.500+/-262.944 χ^2/NDF : 61.3/44

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: 1038.199 $\pm$ 0.410 χ^2/NDF : 152297.4/3

Left: 1051.751 $\pm$ 0.274 χ^2/NDF : 373622.3/9

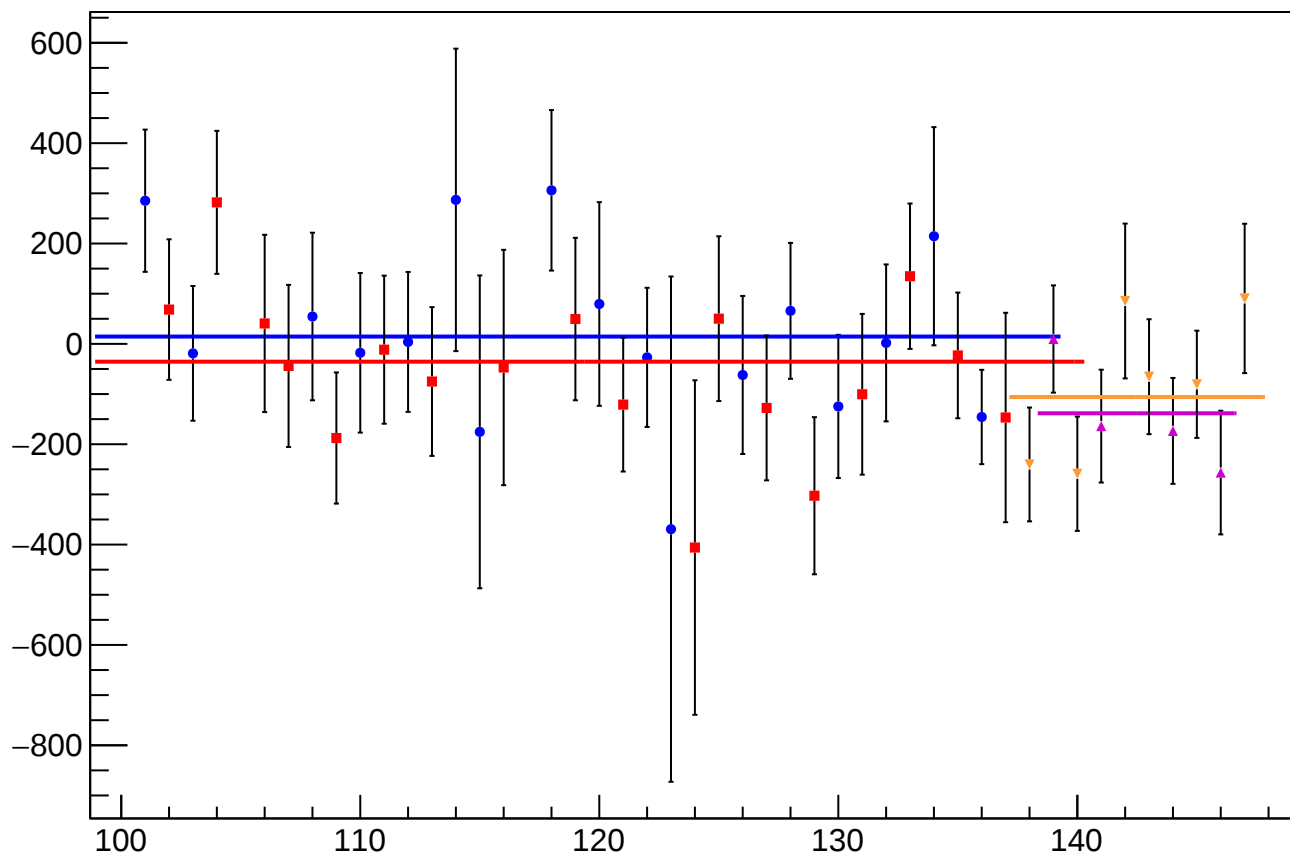
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1179.870 $\pm$ 0.276 χ^2/NDF : 1545068.2/20

Out: 1148.561 $\pm$ 0.252 χ^2/NDF : 1667287.4/23

All: 1162.786 $\pm$ 0.186 χ^2/NDF : 3219385.3/44

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: -138.321 ± 55.700 $\chi^2/\text{NDF}: 3.0/3$

Left: -120.270 ± 37.057 $\chi^2/\text{NDF}: 9.9/9$

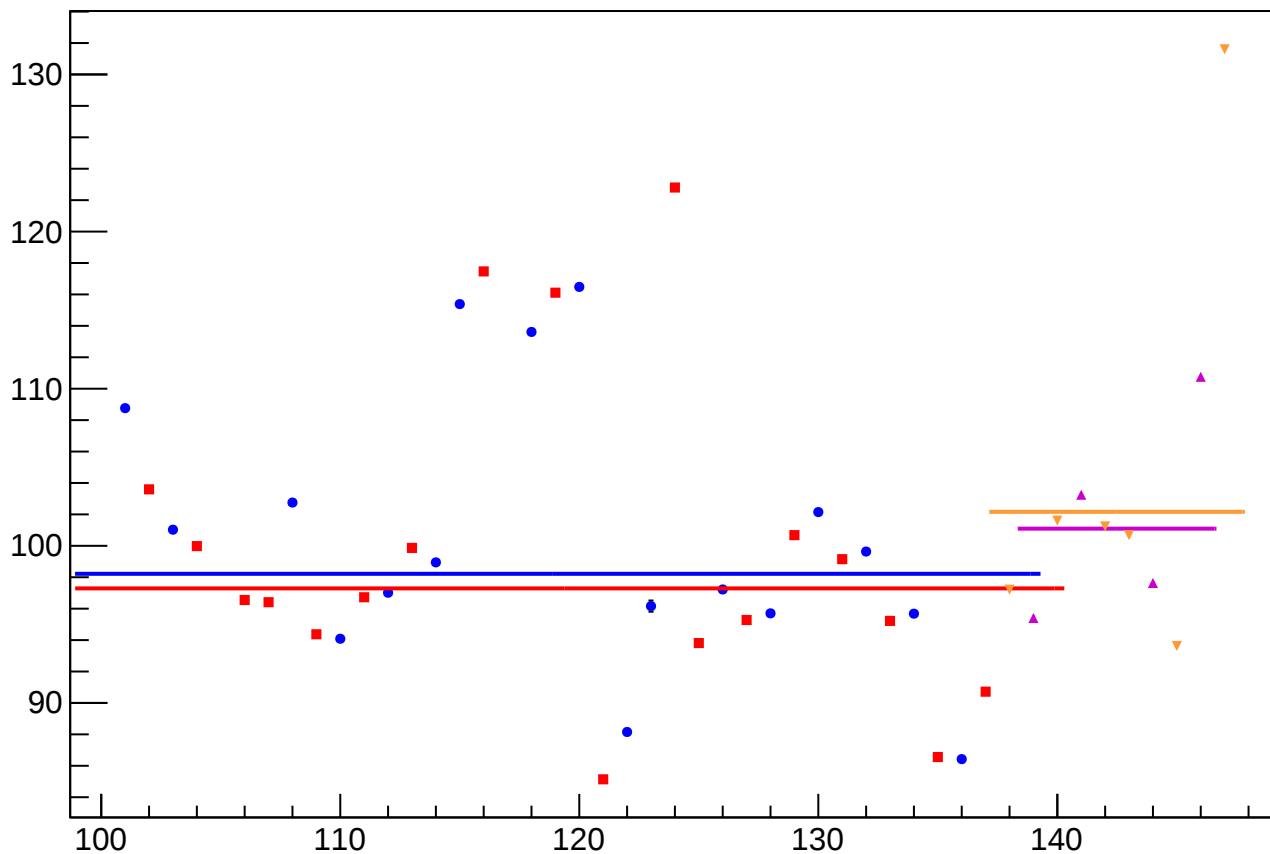
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -34.014 ± 31.400 $\chi^2/\text{NDF}: 22.3/20$

Out: -60.404 ± 29.524 $\chi^2/\text{NDF}: 22.5/23$

All: -48.021 ± 21.509 $\chi^2/\text{NDF}: 45.2/44$

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: 101.093+/-0.039 χ^2/NDF : 20846.8/3

Left: 101.690+/-0.026 χ^2/NDF : 116546.4/9

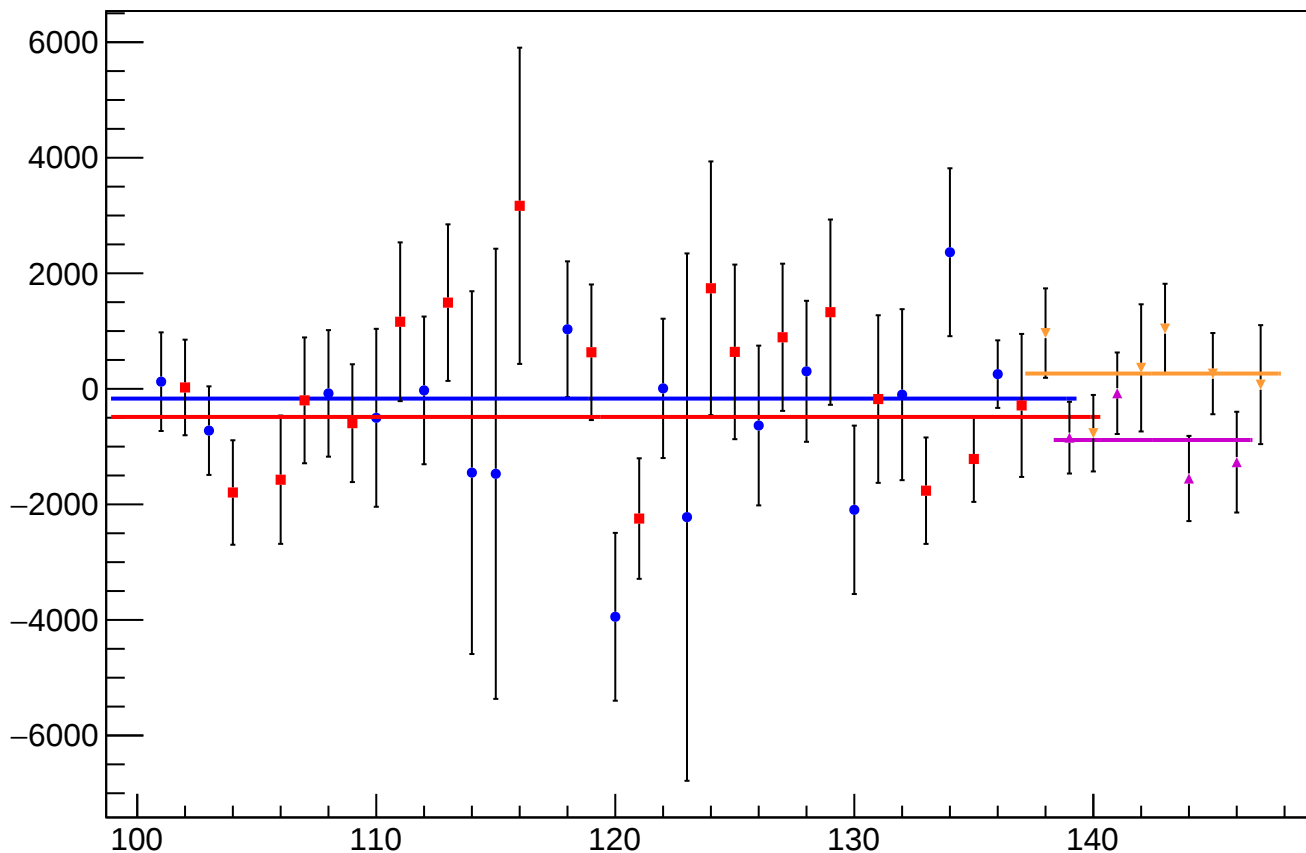
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 99.132+/-0.022 χ^2/NDF : 124990.2/20

Out: 99.015+/-0.021 χ^2/NDF : 203962.3/23

All: 99.070+/-0.015 χ^2/NDF : 328967.4/44

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 264.687 $\pm$ 326.142 χ^2 /NDF: 4.3/5

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -885.312 $\pm$ 359.089 χ^2 /NDF: 2.3/3

Left: -255.145 $\pm$ 241.427 χ^2 /NDF: 12.2/9

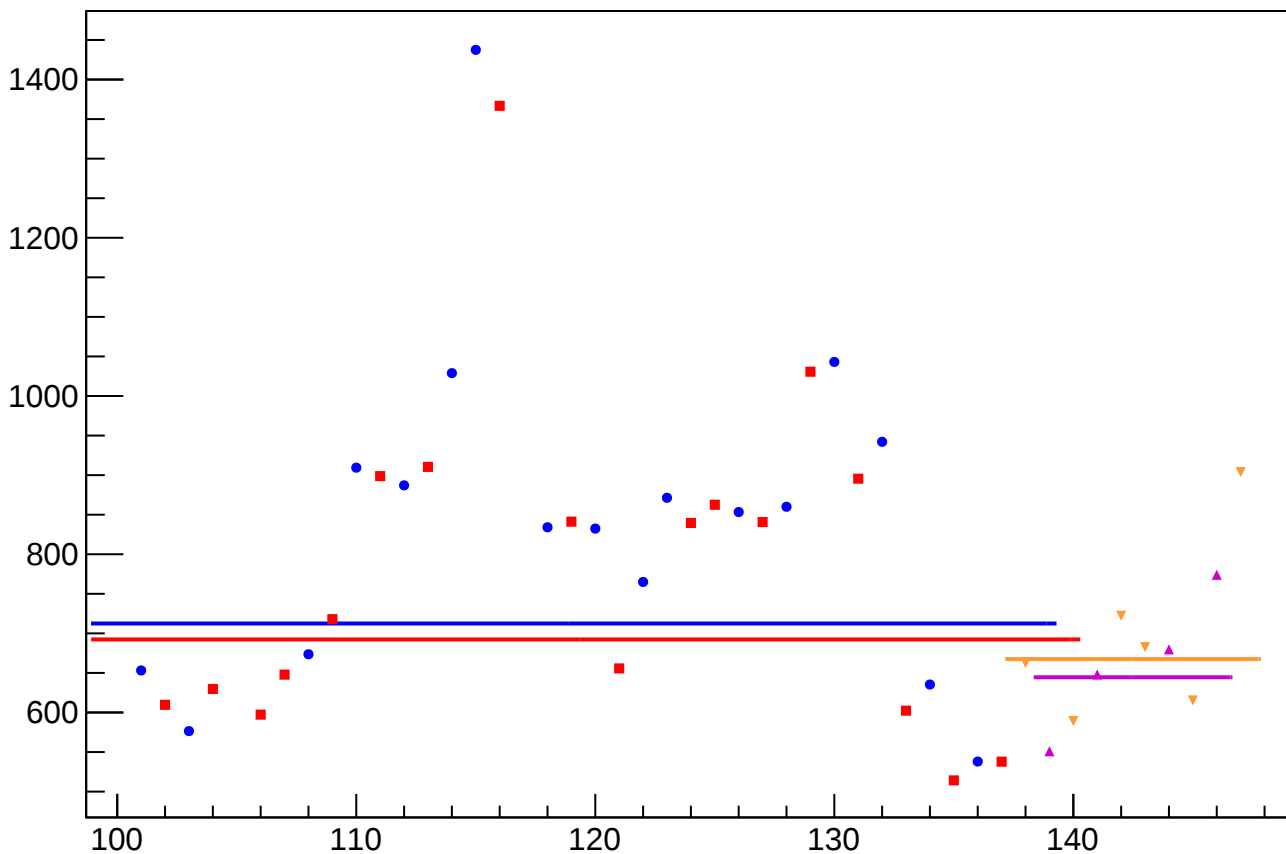
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -442.341 $\pm$ 221.871 χ^2 /NDF: 19.4/20

Out: -183.594 $\pm$ 207.065 χ^2 /NDF: 27.1/23

All: -304.046 $\pm$ 151.381 χ^2 /NDF: 47.2/44

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: 644.509 $\pm$ 0.254 χ^2/NDF : 94154.6/3

Left: 657.133 $\pm$ 0.171 χ^2/NDF : 248943.6/9

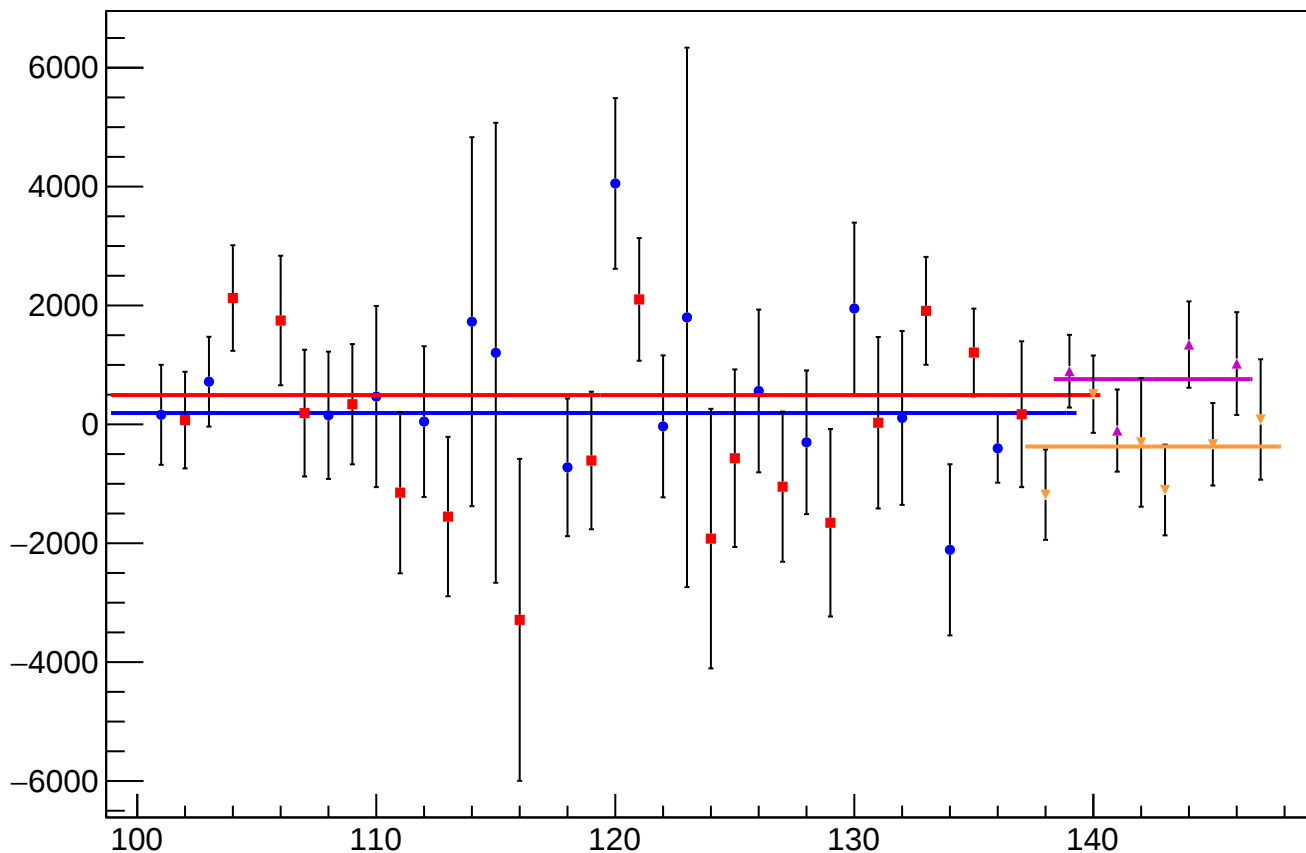
Right: 701.891 $\pm$ 0.137 χ^2/NDF : 1322826.7/34

In: 686.528 $\pm$ 0.157 χ^2/NDF : 798972.7/20

Out: 682.347 $\pm$ 0.146 χ^2/NDF : 814131.5/23

All: 684.294 $\pm$ 0.107 χ^2/NDF : 1613483.7/44

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -372.653 $\pm$ 320.703 χ^2 /NDF: 4.1/5

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 760.602 $\pm$ 353.558 χ^2 /NDF: 2.3/3

Left: 138.885 $\pm$ 237.540 χ^2 /NDF: 12.1/9

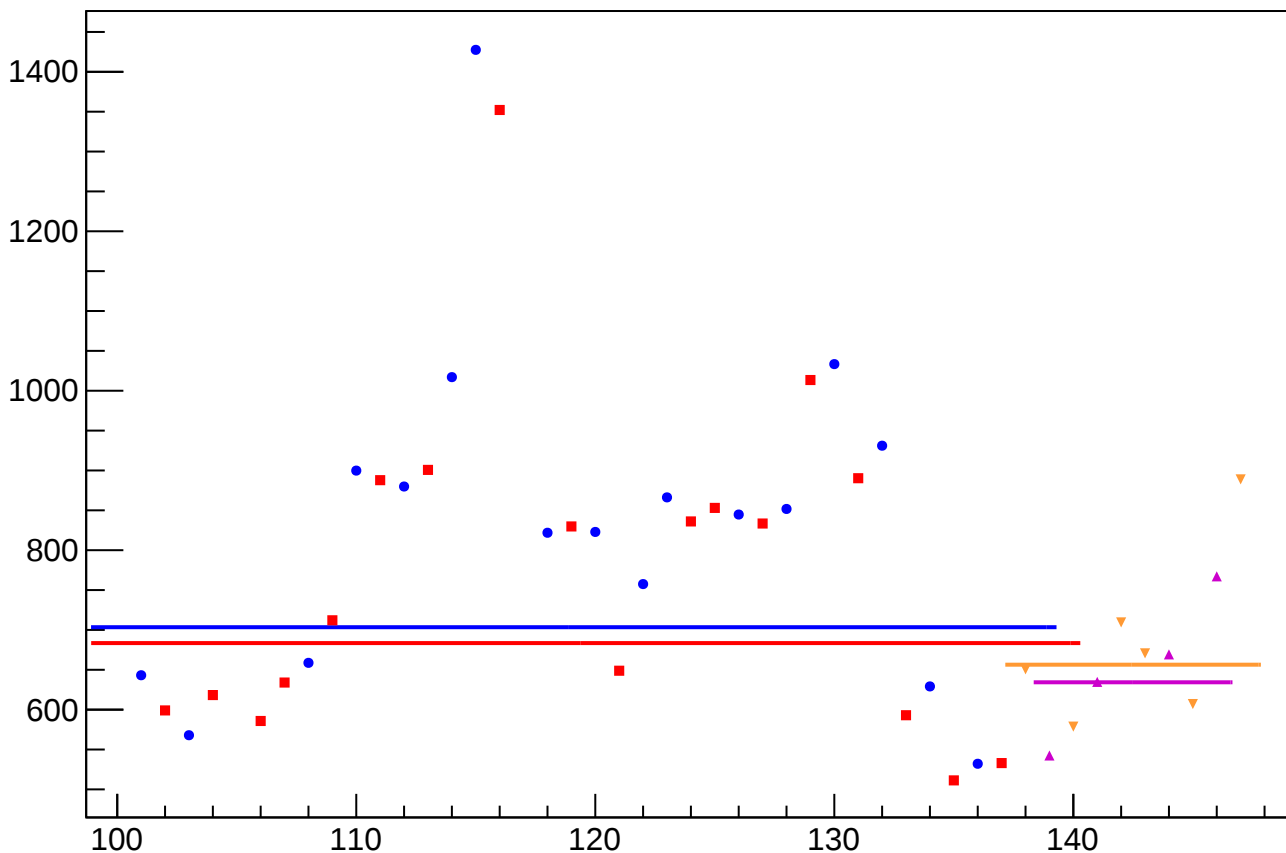
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 409.190 $\pm$ 218.860 χ^2 /NDF: 18.2/20

Out: 142.219 $\pm$ 204.113 χ^2 /NDF: 31.2/23

All: 266.408 $\pm$ 149.271 χ^2 /NDF: 50.2/44

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: 634.316 $\pm$ 0.250 χ^2 /NDF:96956.9/3

Left: 646.429 $\pm$ 0.168 χ^2 /NDF: 250816.0/9

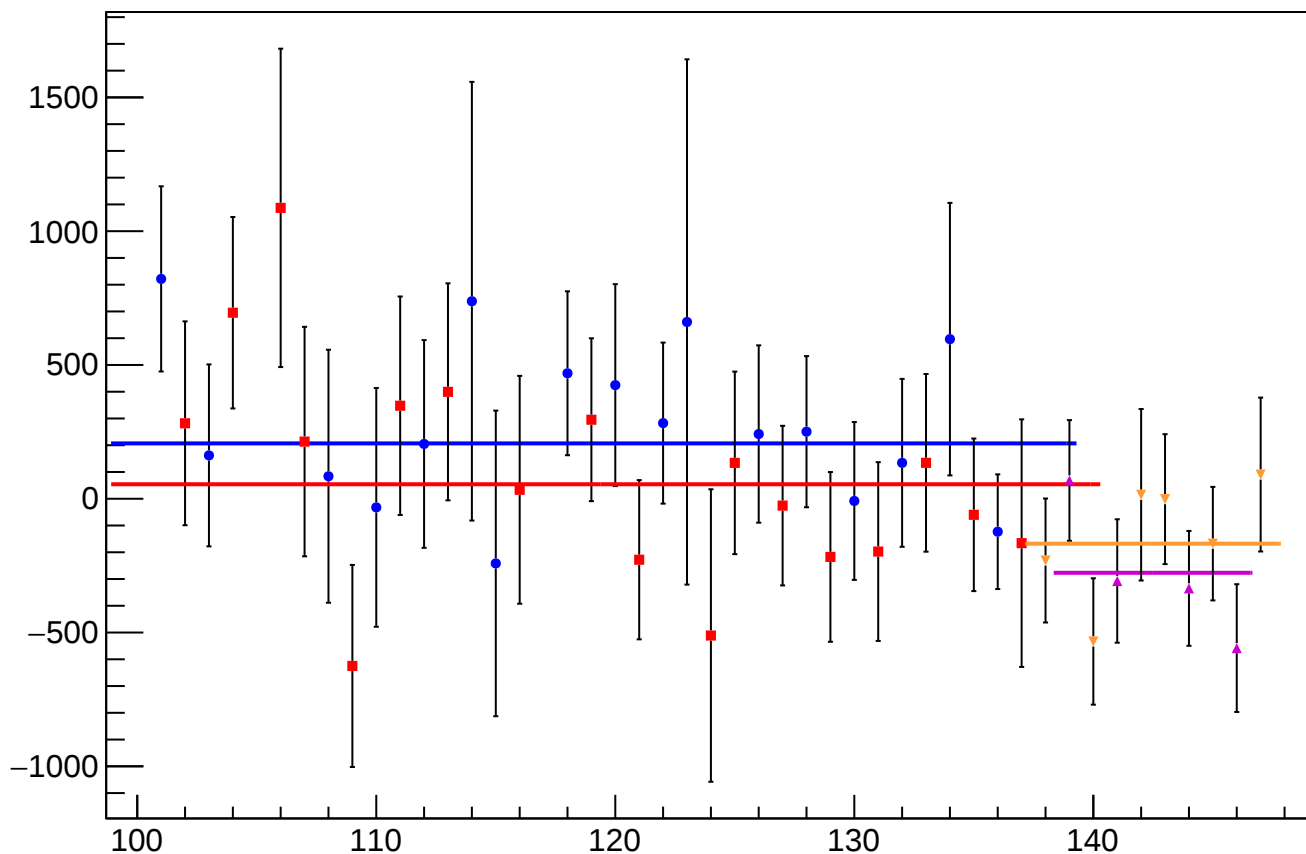
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 676.932 $\pm$ 0.155 χ^2 /NDF:810949.9/20

Out: 672.516 $\pm$ 0.144 χ^2 /NDF:817430.5/23

All: 674.570 $\pm$ 0.106 χ^2 /NDF: 1628815.7/44

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: -276.690 ± 113.455 $\chi^2/\text{NDF}: 3.8/3$

Left: -216.111 ± 75.538 $\chi^2/\text{NDF}: 8.4/9$

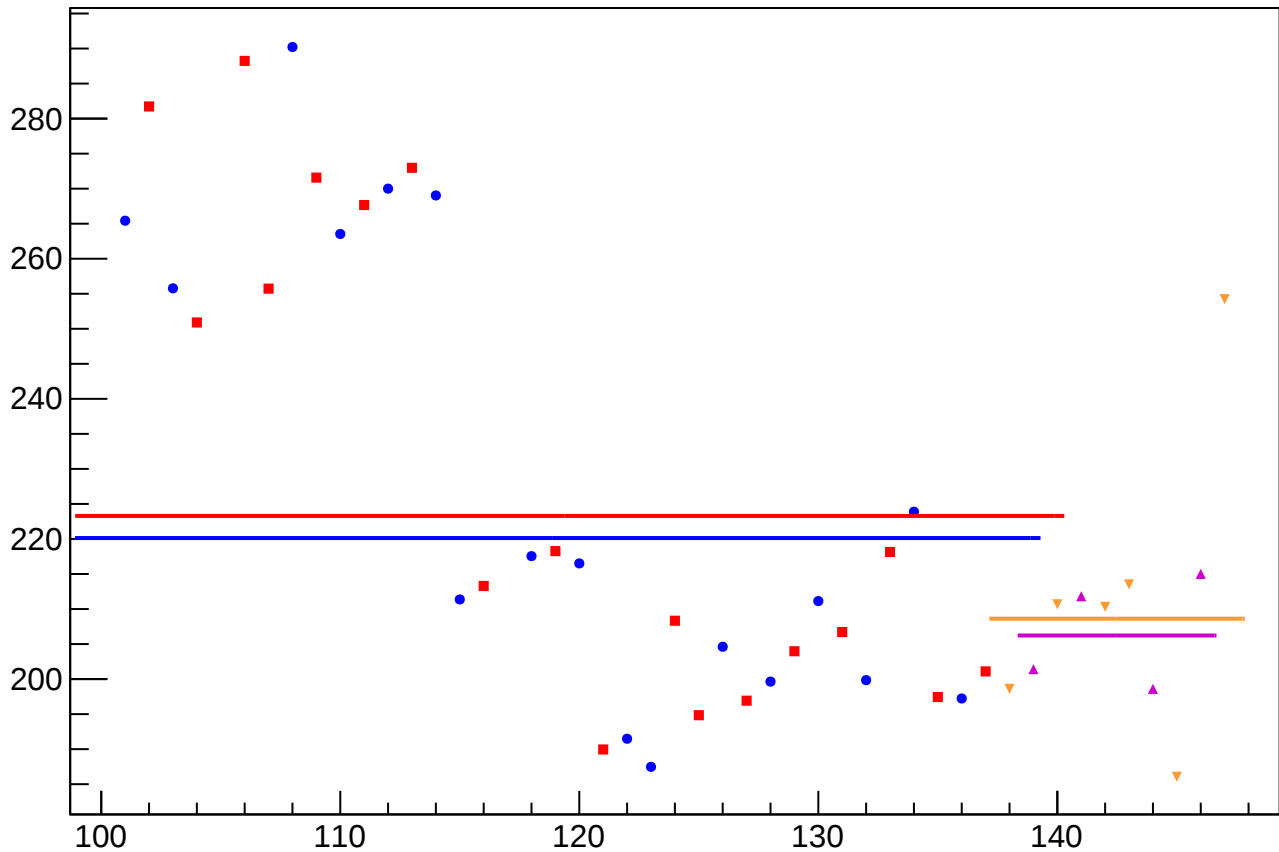
Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: 31.378 ± 68.349 $\chi^2/\text{NDF}: 24.9/20$

Out: -37.871 ± 65.184 $\chi^2/\text{NDF}: 22.6/23$

All: -4.887 ± 47.171 $\chi^2/\text{NDF}: 48.0/44$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 208.623 $\pm$ 0.072 χ^2 /NDF: 77668.0/5

Right Out: 223.287 $\pm$ 0.060 χ^2 /NDF: 272255.2/17

Left In: 206.223 $\pm$ 0.080 χ^2 /NDF: 7319.2/3

Left: 207.559 $\pm$ 0.053 χ^2 /NDF: 85485.5/9

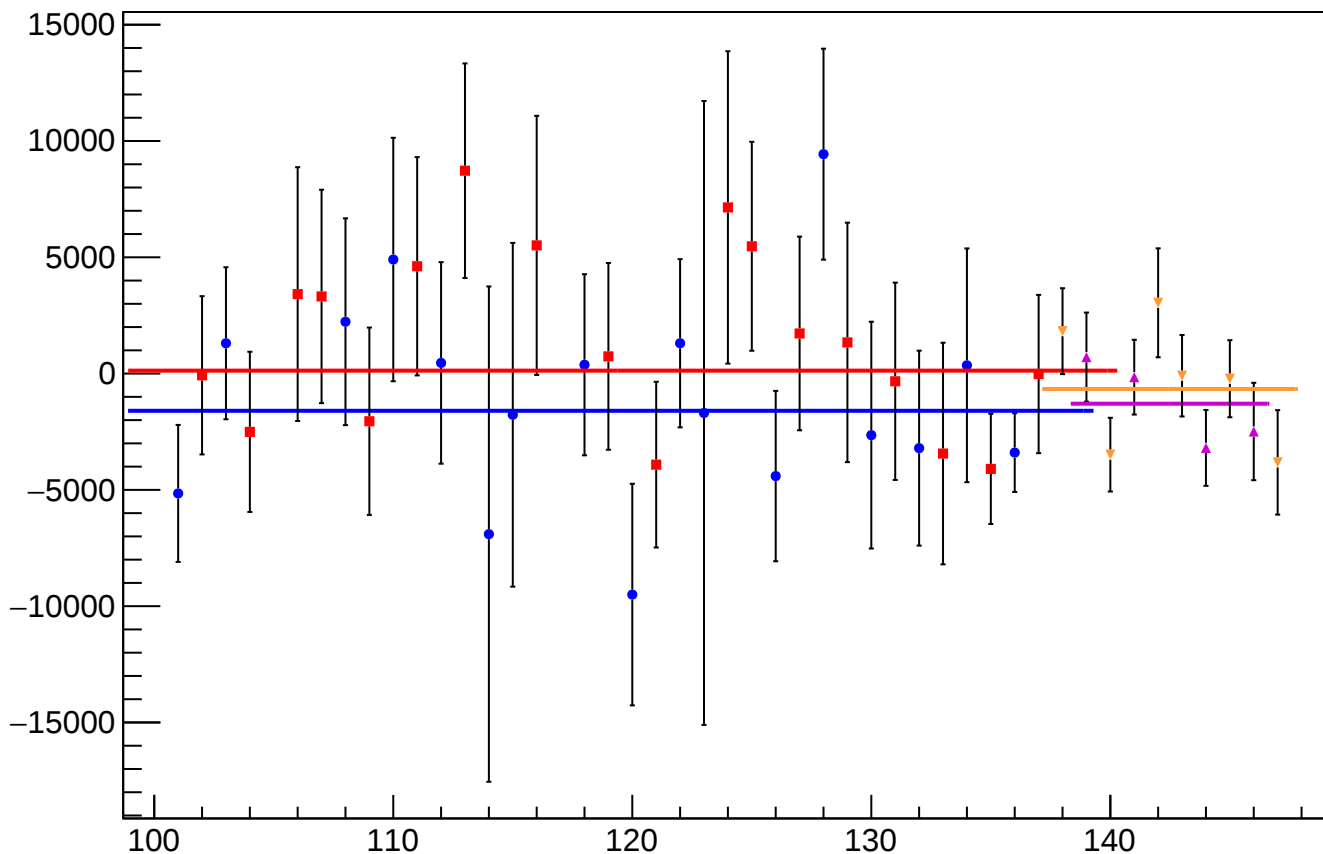
Right: 221.718 $\pm$ 0.043 χ^2 /NDF: 502063.5/34

In: 215.084 $\pm$ 0.048 χ^2 /NDF: 254916.0/20

Out: 217.208 $\pm$ 0.046 χ^2 /NDF: 374490.3/23

All: 216.197 $\pm$ 0.033 χ^2 /NDF: 630417.5/44

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: -1294.047 $\pm$ 889.748 χ^2 /NDF:3.3/3

Left: -925.710 $\pm$ 574.954 χ^2 /NDF: 13.2/9

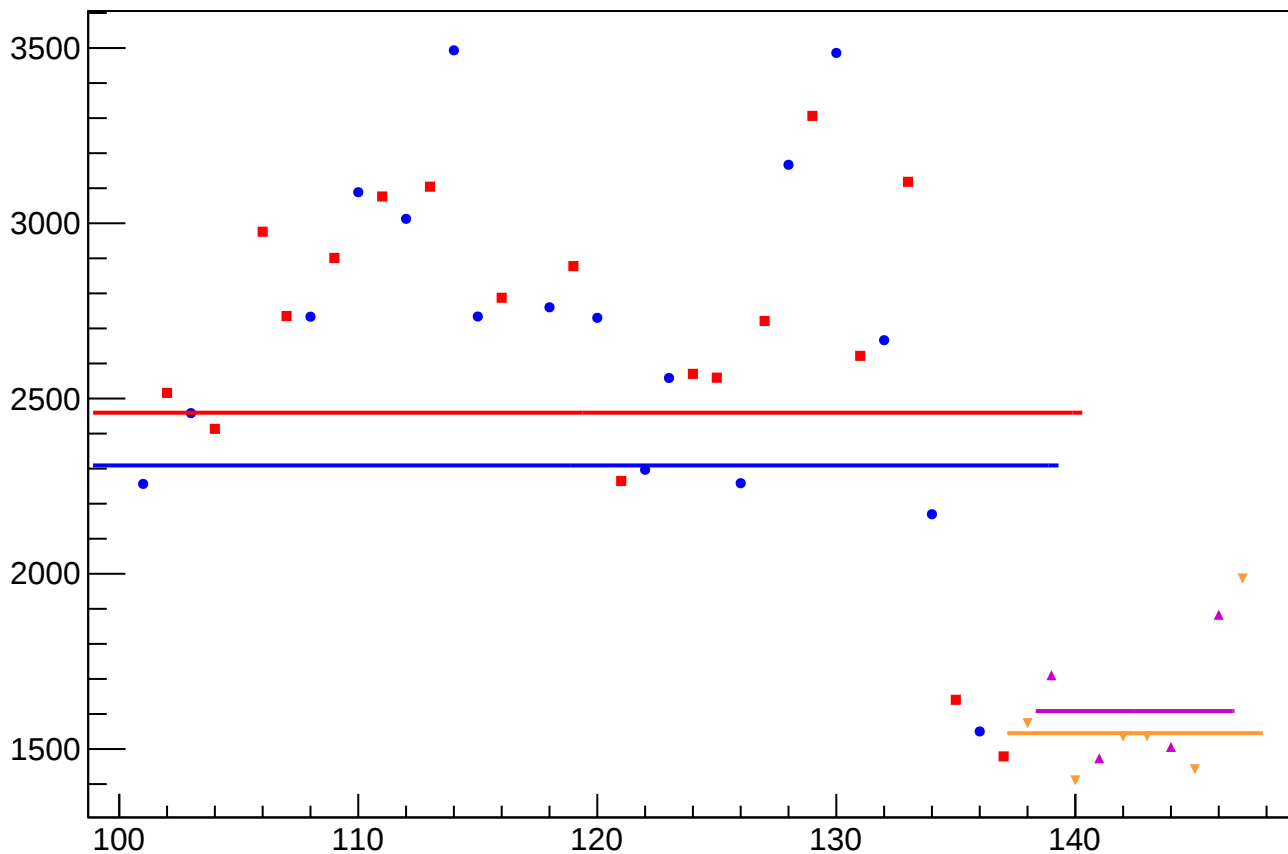
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1441.276 $\pm$ 639.924 χ^2 /NDF:20.0/20

Out: -356.502 $\pm$ 590.072 χ^2 /NDF:24.9/23

All: -854.995 $\pm$ 433.799 χ^2 /NDF: 46.4/44

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: 1608.341 $\pm$ 0.629 χ^2/NDF : 62084.4/3

Left: 1571.617 $\pm$ 0.407 χ^2/NDF : 167900.9/9

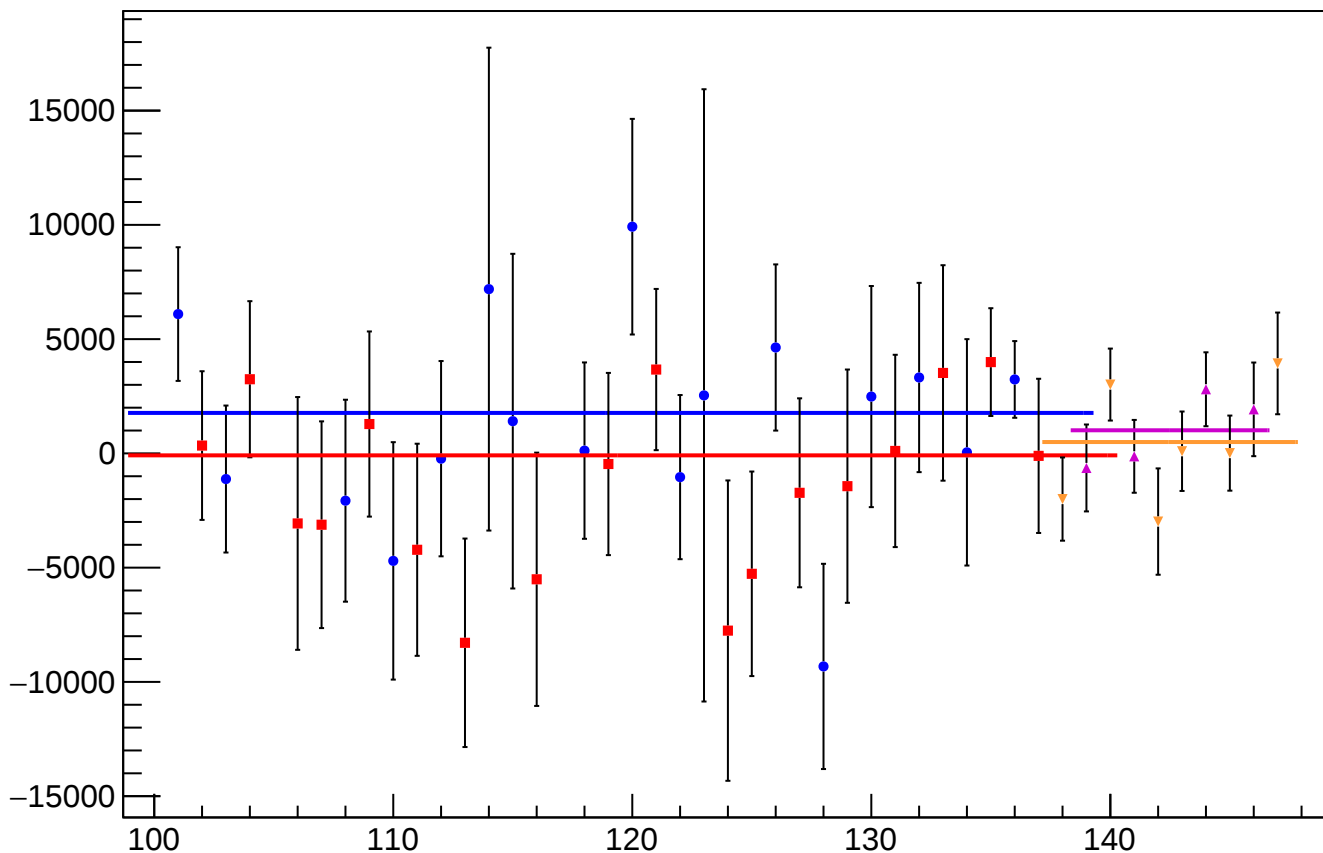
Right: 2382.111 $\pm$ 0.467 χ^2/NDF : 1494797.0/34

In: 1946.629 $\pm$ 0.452 χ^2/NDF : 1461735.4/20

Out: 1898.705 $\pm$ 0.417 χ^2/NDF : 1906800.5/23

All: 1920.728 $\pm$ 0.307 χ^2/NDF : 3374598.3/44

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: 1010.897+/-880.161 χ^2/NDF : 2.7/3

Left: 712.175+/-569.449 χ^2/NDF : 12.1/9

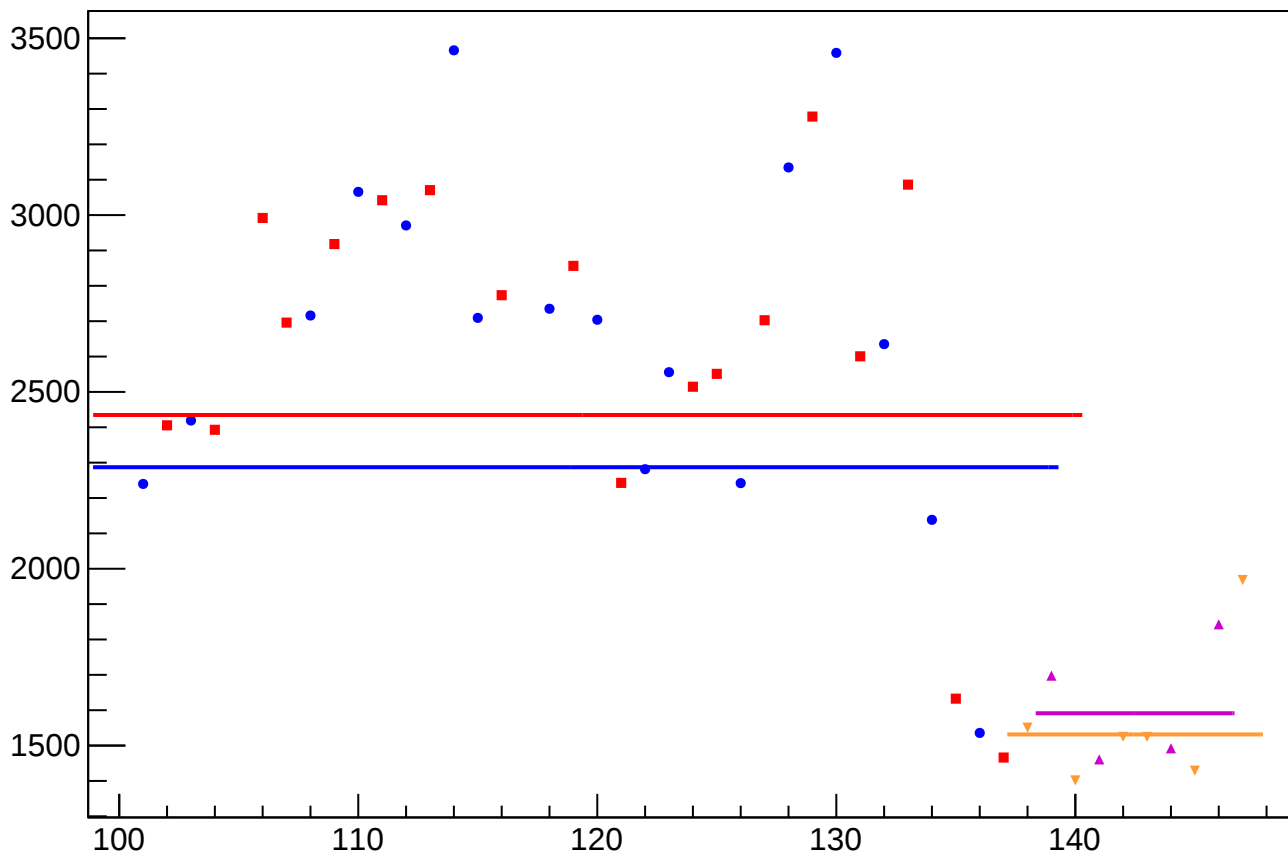
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1377.447+/-633.434 χ^2/NDF : 20.4/20

Out: 271.398+/-584.699 χ^2/NDF : 23.9/23

All: 780.242+/-429.642 χ^2/NDF : 45.9/44

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: 1591.427 $\pm$ 0.622 χ^2 /NDF: 57313.2/3

Left: 1556.605 $\pm$ 0.403 χ^2 /NDF: 161397.3/9

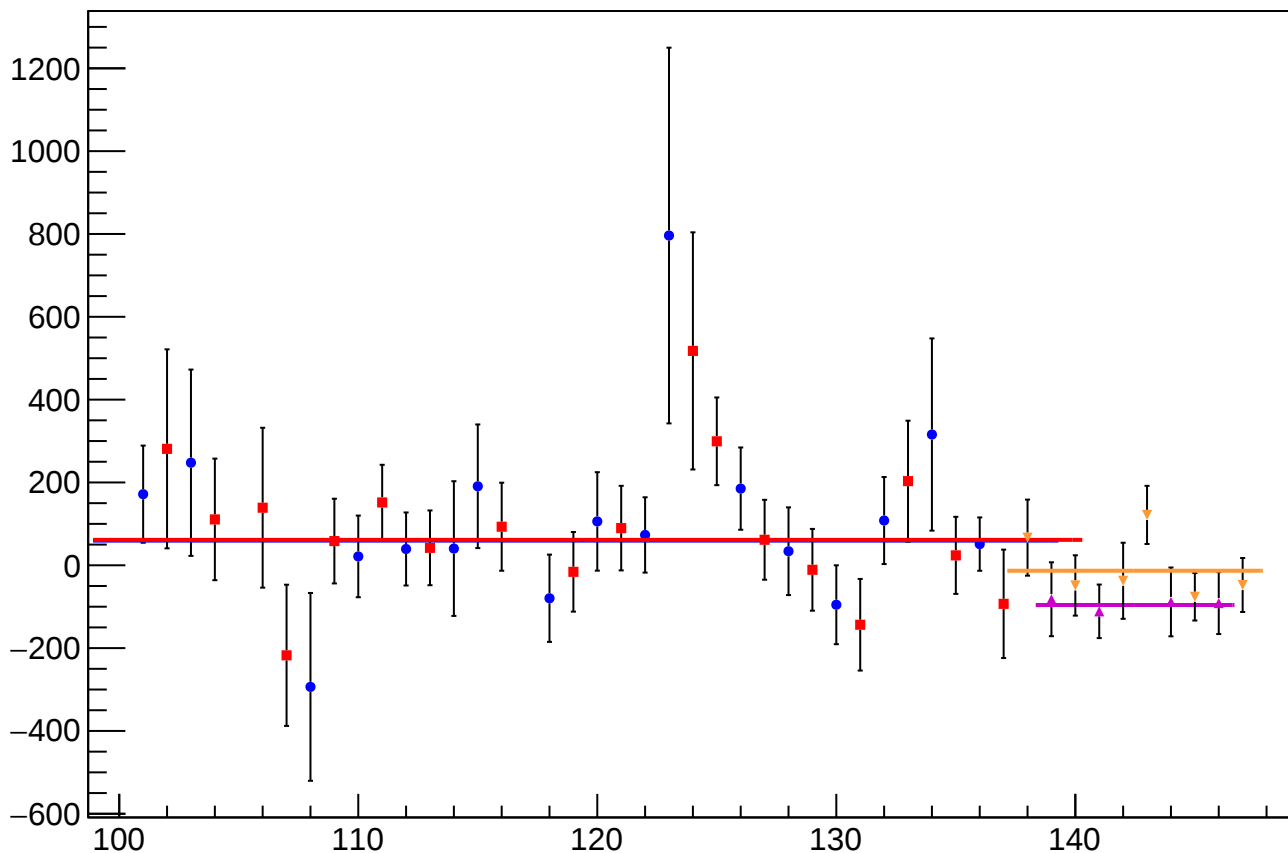
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1926.784 $\pm$ 0.448 χ^2 /NDF: 1459022.1/20

Out: 1881.120 $\pm$ 0.413 χ^2 /NDF: 1897952.7/23

All: 1902.128 $\pm$ 0.304 χ^2 /NDF: 3362586.9/44

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: -95.893 $\pm$ 38.108 χ^2 /NDF: 0.1/3

Left: -43.835 $\pm$ 23.207 χ^2 /NDF: 9.3/9

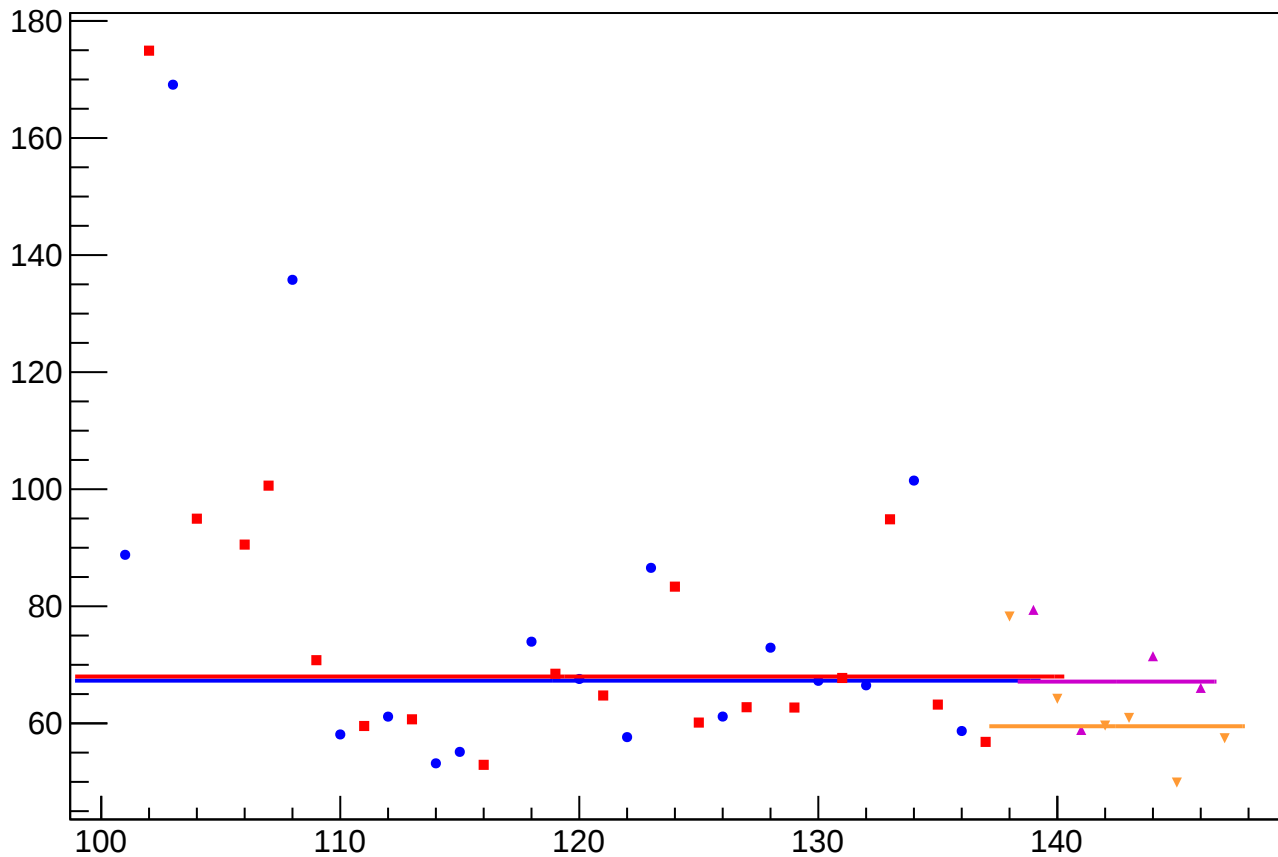
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 7.466 $\pm$ 22.074 χ^2 /NDF: 26.5/20

Out: 27.096 $\pm$ 19.846 χ^2 /NDF: 29.4/23

All: 18.322 $\pm$ 14.758 χ^2 /NDF: 56.4/44

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: 67.132 $\pm$ 0.027 χ^2 /NDF: 76248.4/3

Left: 62.333 $\pm$ 0.016 χ^2 /NDF: 277425.5/9

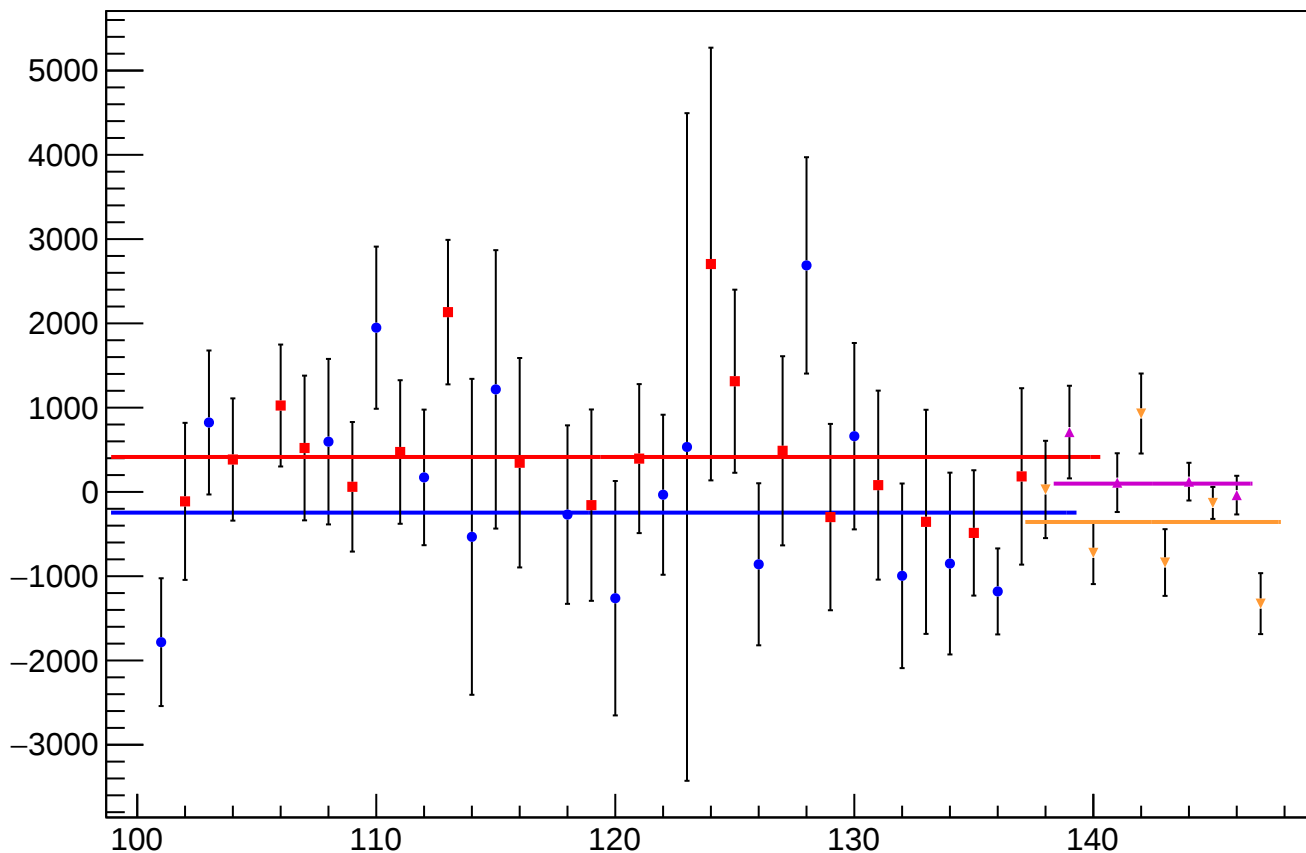
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 67.242 $\pm$ 0.016 χ^2 /NDF: 917625.5/20

Out: 64.090 $\pm$ 0.014 χ^2 /NDF: 996099.4/23

All: 65.499 $\pm$ 0.010 χ^2 /NDF: 1936274.8/44

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -356.600+/-133.012 χ^2/NDF :18.8/5

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 98.466+/-140.703 χ^2/NDF :1.6/3

Left: -141.843+/-96.658 χ^2/NDF : 26.0/9

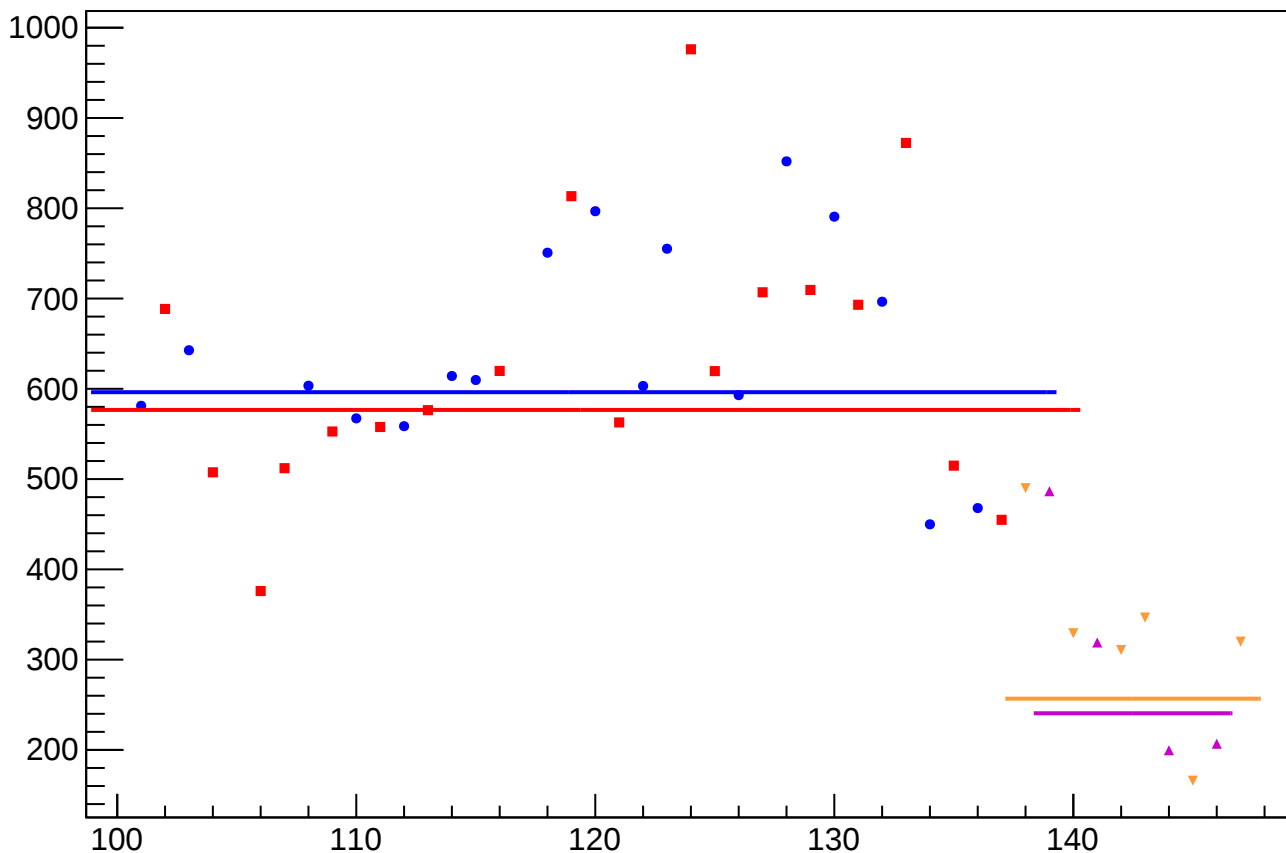
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 7.893+/-120.774 χ^2/NDF :26.9/20

Out: -153.910+/-114.206 χ^2/NDF :37.1/23

All: -77.527+/-82.981 χ^2/NDF : 65.0/44

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: 240.598 $\pm$ 0.099 χ^2 /NDF:612039.0/3

Left: 249.131 $\pm$ 0.068 χ^2 /NDF: 1676881.5/9

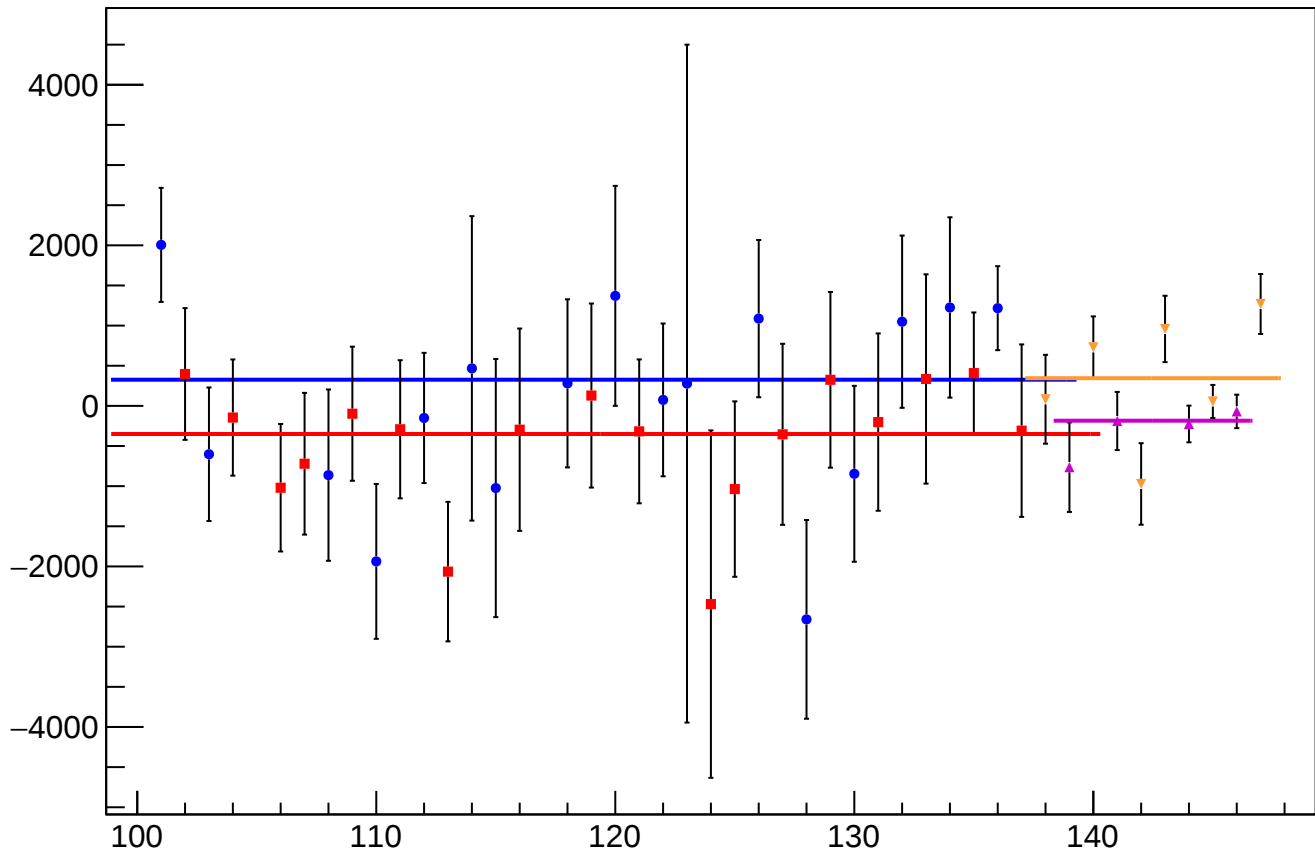
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 334.211 $\pm$ 0.085 χ^2 /NDF:4397604.6/20

Out: 340.809 $\pm$ 0.081 χ^2 /NDF:4663748.5/23

All: 337.694 $\pm$ 0.059 χ^2 /NDF: 9064504.3/44

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 344.890 $\pm$ 140.682 χ^2 /NDF:18.3/5

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -184.656 $\pm$ 137.297 χ^2 /NDF:1.4/3

Left: 73.669 $\pm$ 98.259 χ^2 /NDF: 26.9/9

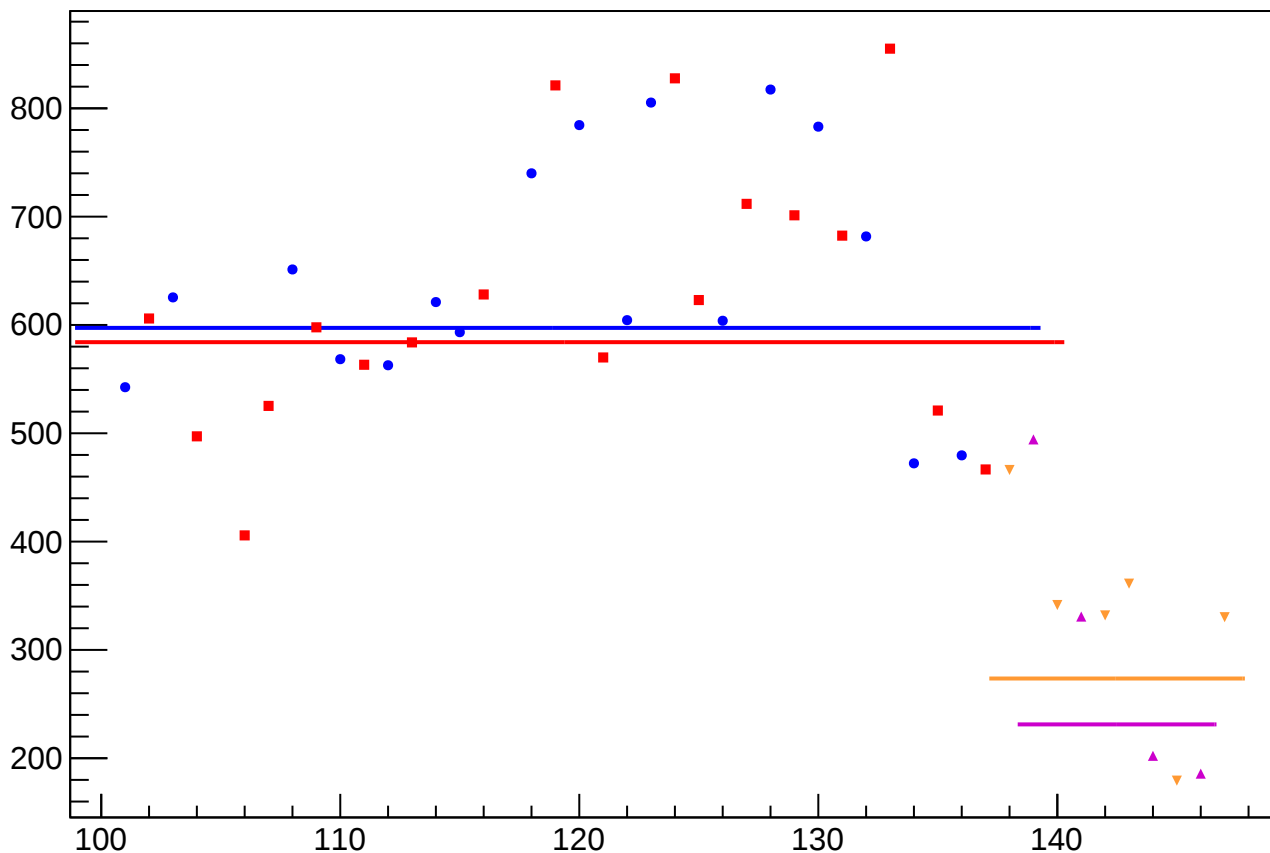
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -55.179 $\pm$ 118.624 χ^2 /NDF:31.8/20

Out: 149.789 $\pm$ 119.323 χ^2 /NDF:34.1/23

All: 46.703 $\pm$ 84.126 χ^2 /NDF: 67.4/44

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: 231.234 $\pm$ 0.097 χ^2 /NDF:723475.4/3

Left: 251.898 $\pm$ 0.069 χ^2 /NDF: 1702543.8/9

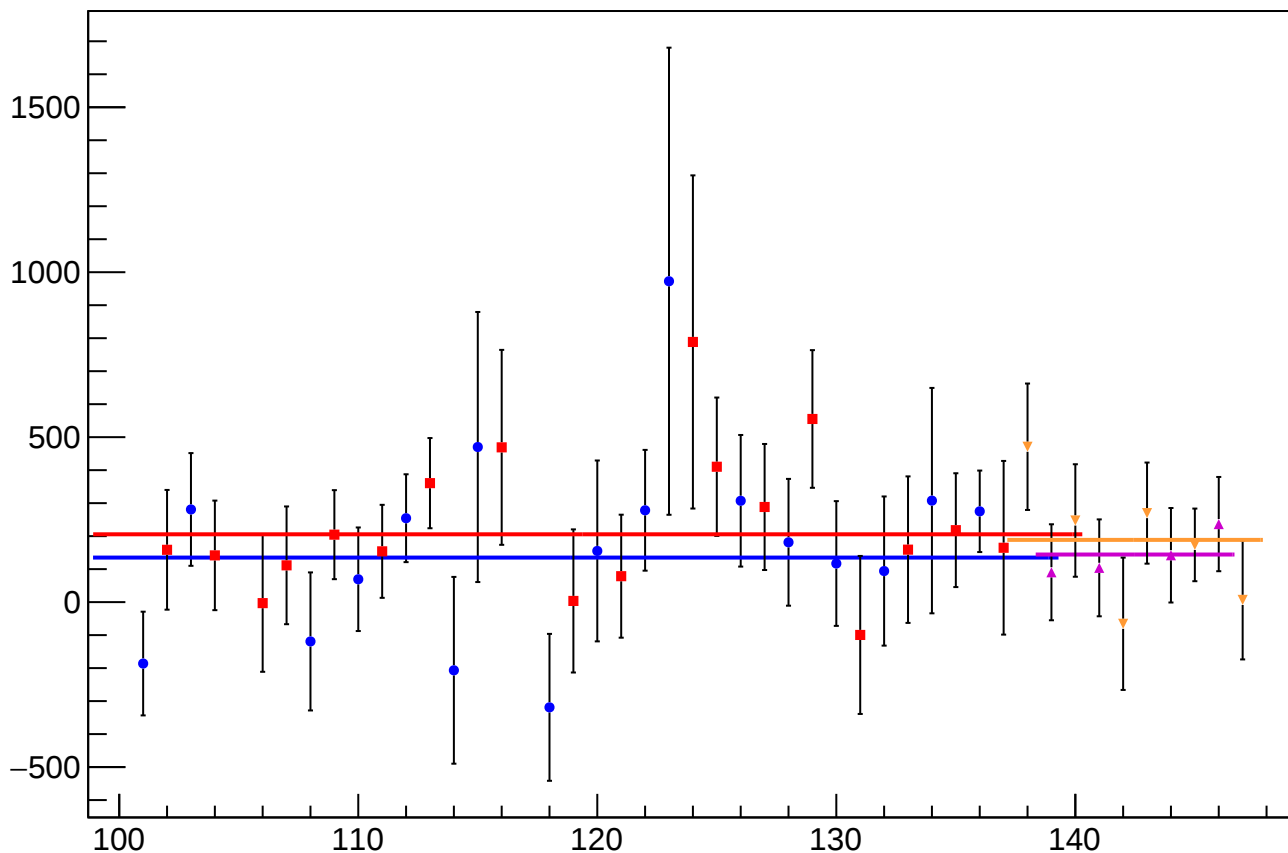
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 324.036 $\pm$ 0.084 χ^2 /NDF:4691416.5/20

Out: 360.727 $\pm$ 0.084 χ^2 /NDF:4067262.1/23

All: 342.274 $\pm$ 0.059 χ^2 /NDF: 8853787.7/44

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: 144.269 $\pm$ 72.289 χ^2 /NDF: 0.6/3

Left: 169.069 $\pm$ 48.017 χ^2 /NDF: 6.1/9

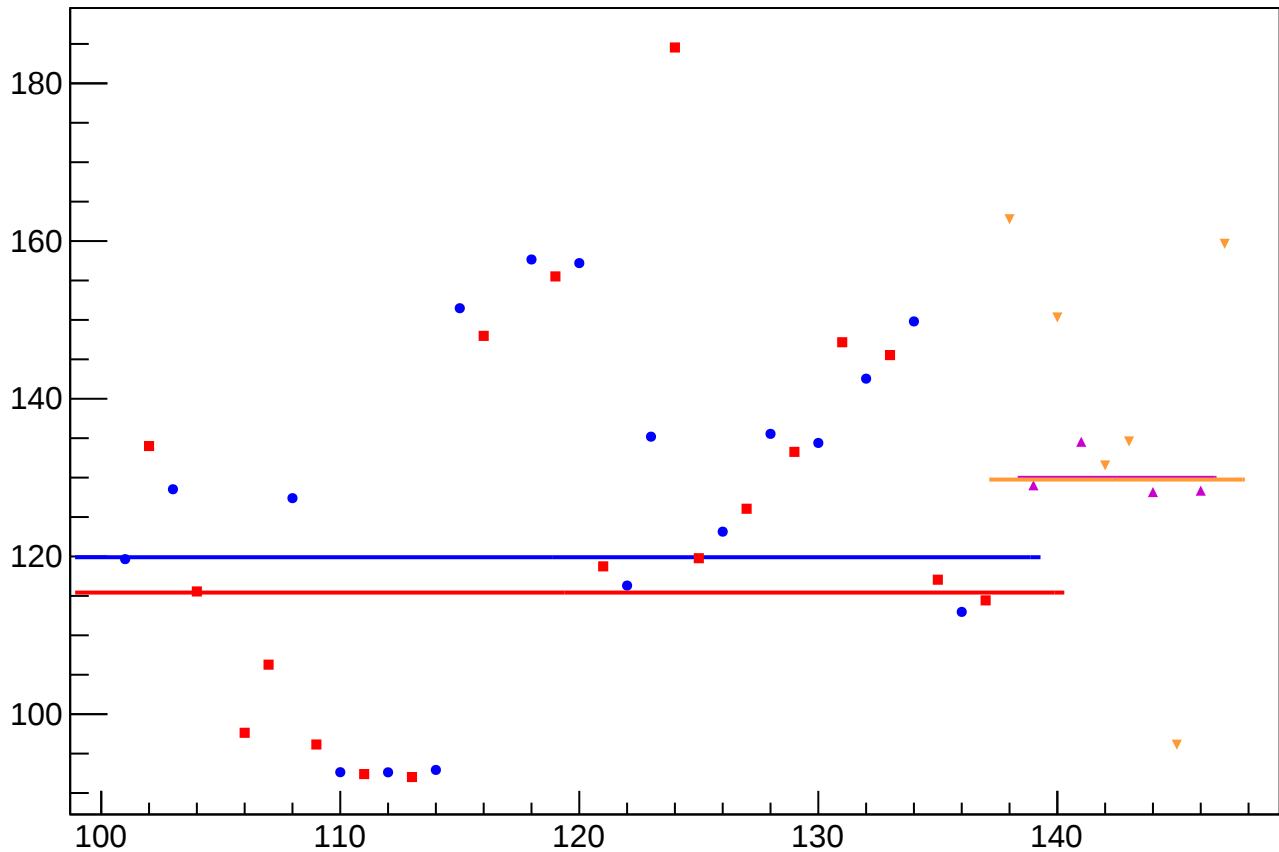
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 137.776 $\pm$ 39.418 χ^2 /NDF: 18.7/20

Out: 200.091 $\pm$ 36.599 χ^2 /NDF: 17.3/23

All: 171.241 $\pm$ 26.821 χ^2 /NDF: 37.3/44

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: 129.971 $\pm$ 0.051 χ^2/NDF :2599.4/3

Left: 129.849 $\pm$ 0.034 χ^2/NDF : 334779.0/9

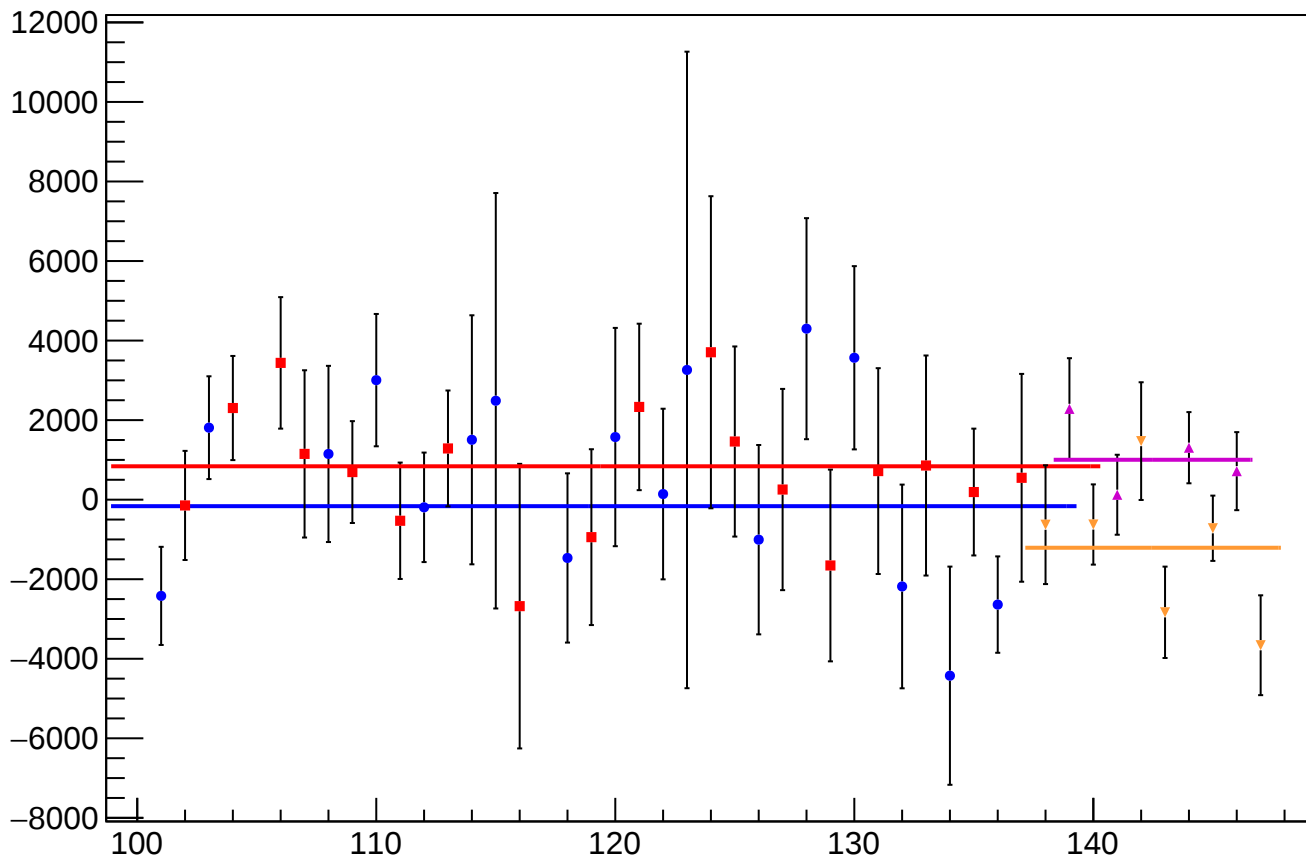
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 122.897 $\pm$ 0.028 χ^2/NDF :375366.7/20

Out: 120.074 $\pm$ 0.026 χ^2/NDF :817494.7/23

All: 121.381 $\pm$ 0.019 χ^2/NDF : 1198368.2/44

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1208.859+/-458.091 χ^2/NDF : 9.9/5

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 1003.092+/-506.900 χ^2/NDF : 2.0/3

Left: -214.480+/-339.869 χ^2/NDF : 22.4/9

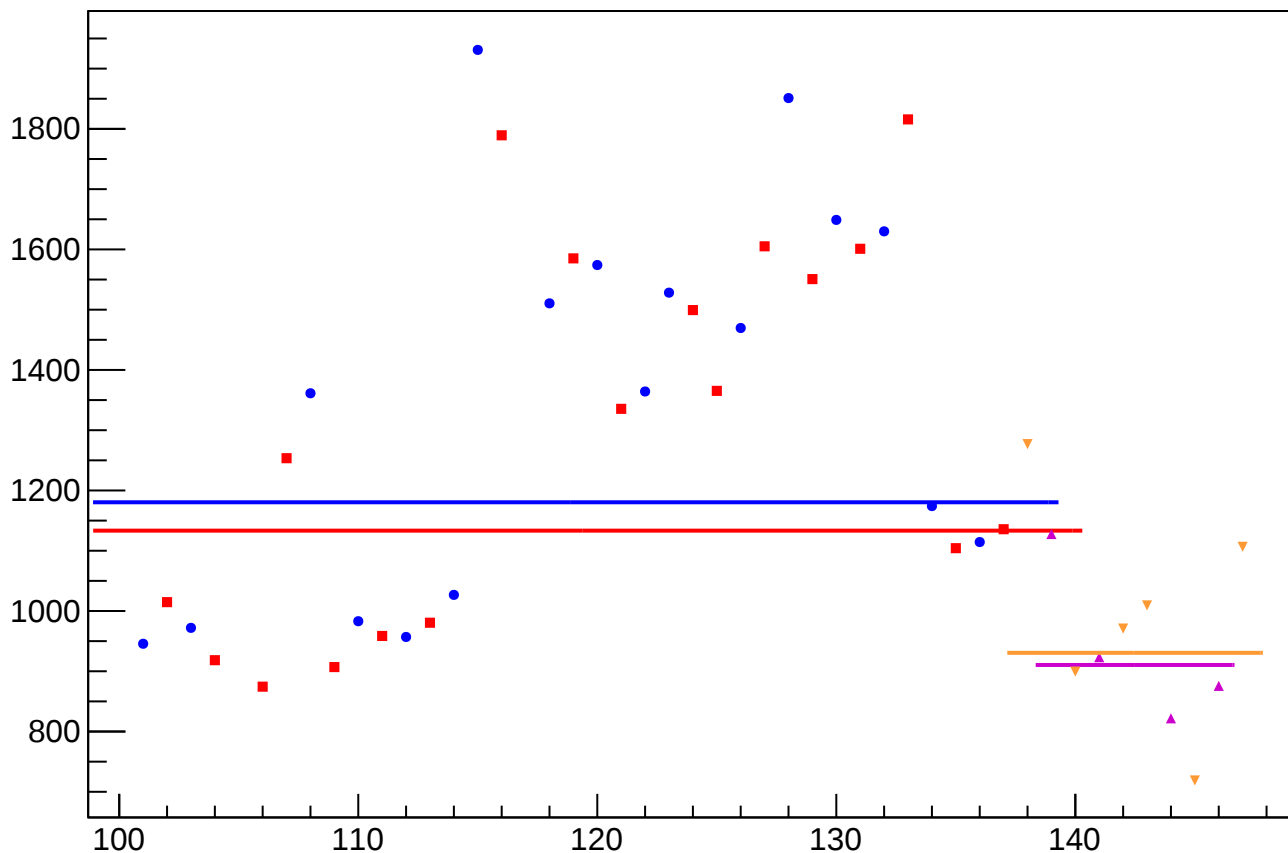
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 375.269+/-344.487 χ^2/NDF : 28.5/20

Out: -144.703+/-317.508 χ^2/NDF : 29.6/23

All: 94.127+/-233.468 χ^2/NDF : 59.4/44

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: 910.443 $\pm$ 0.358 χ^2 /NDF: 80526.4/3

Left: 921.535 $\pm$ 0.240 χ^2 /NDF: 375112.9/9

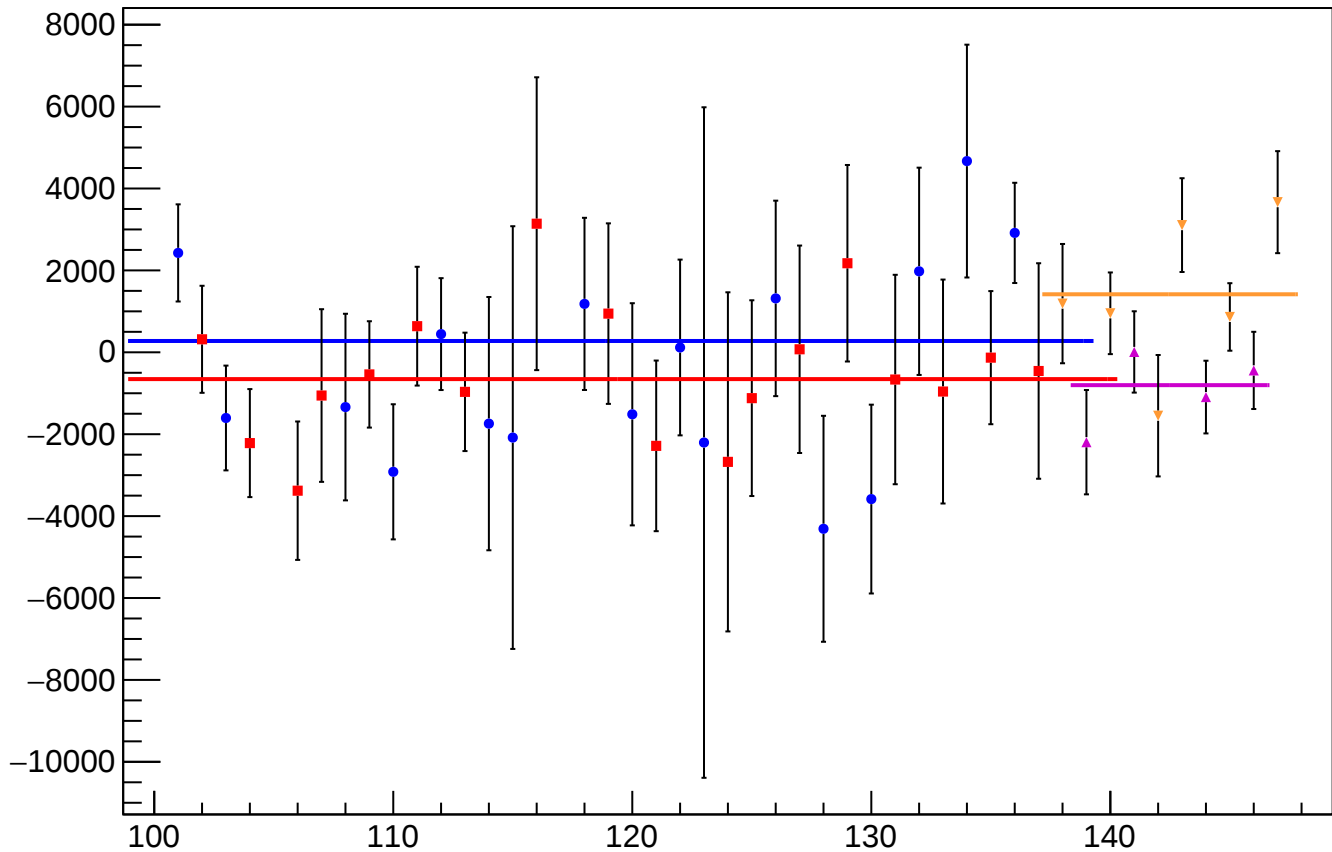
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1055.722 $\pm$ 0.244 χ^2 /NDF: 1054643.9/20

Out: 1035.944 $\pm$ 0.225 χ^2 /NDF: 1256818.7/23

All: 1045.028 $\pm$ 0.165 χ^2 /NDF: 2315027.4/44

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1416.830 $\pm$ 455.918 χ^2/NDF :10.1/5

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: -802.189 $\pm$ 498.424 χ^2/NDF :2.1/3

Left: 405.958 $\pm$ 336.408 χ^2/NDF : 23.0/9

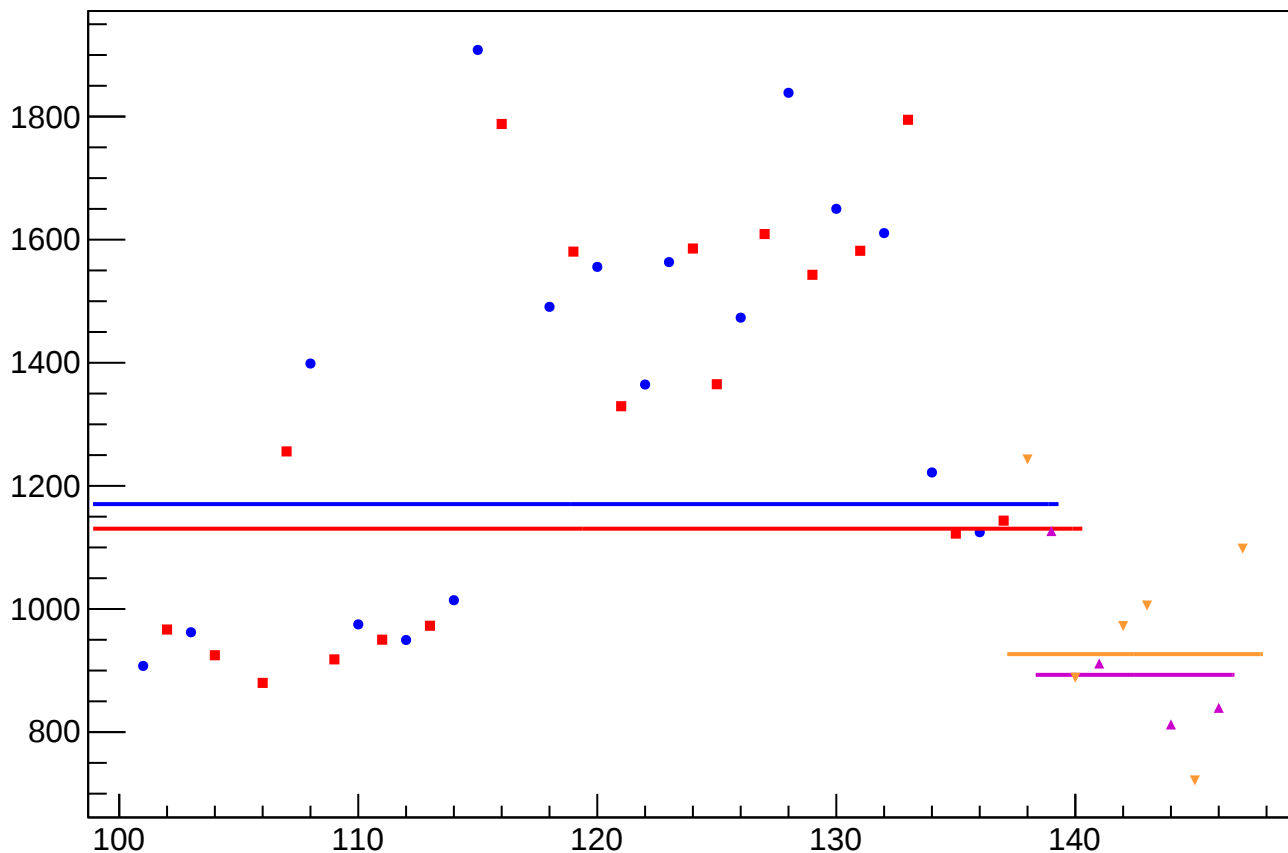
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: -227.151 $\pm$ 340.563 χ^2/NDF :28.9/20

Out: 344.009 $\pm$ 316.539 χ^2/NDF :30.4/23

All: 79.283 $\pm$ 231.855 χ^2/NDF : 60.8/44

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 926.661 $\pm$ 0.322 χ^2/NDF : 270396.6/5

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 893.037 $\pm$ 0.352 χ^2/NDF : 90895.5/3

Left: 911.344 $\pm$ 0.238 χ^2/NDF : 366247.5/9

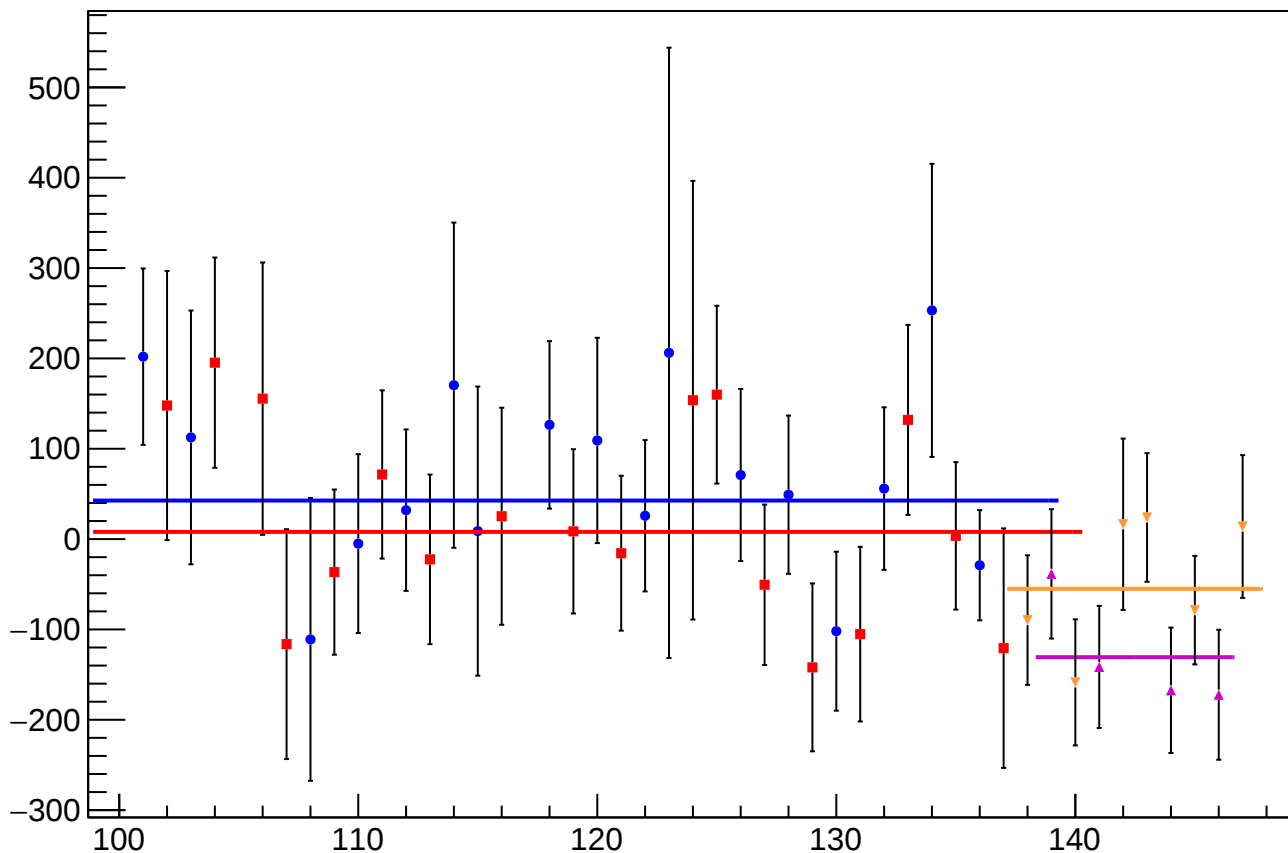
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1040.910 $\pm$ 0.241 χ^2/NDF : 1126579.7/20

Out: 1032.219 $\pm$ 0.224 χ^2/NDF : 1240411.0/23

All: 1036.247 $\pm$ 0.164 χ^2/NDF : 2367689.4/44

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: -130.713 ± 35.032 $\chi^2/\text{NDF}: 2.3/3$

Left: -86.483 ± 22.584 $\chi^2/\text{NDF}: 10.2/9$

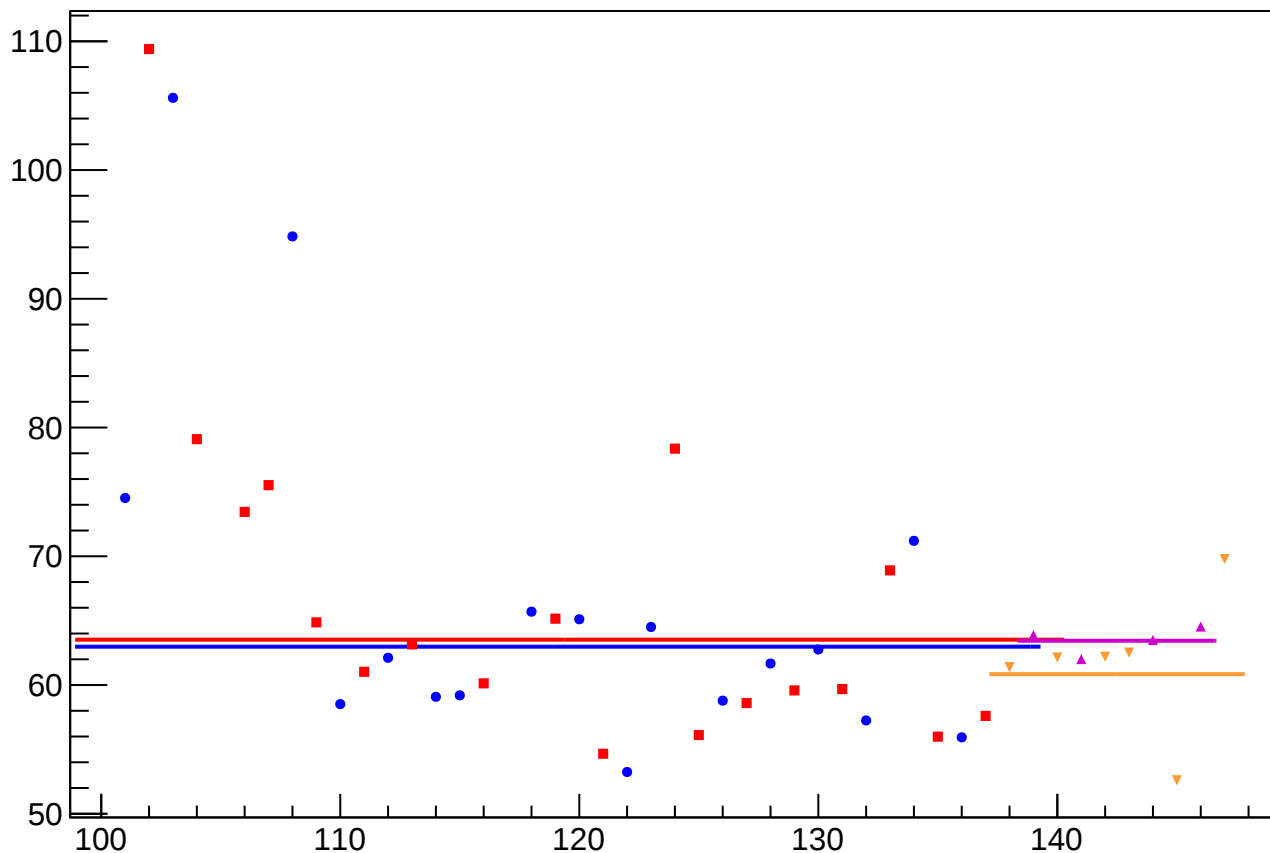
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -14.902 ± 20.187 $\chi^2/\text{NDF}: 30.6/20$

Out: -17.677 ± 18.855 $\chi^2/\text{NDF}: 23.6/23$

All: -16.384 ± 13.780 $\chi^2/\text{NDF}: 54.3/44$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 60.843 ± 0.021 $\chi^2/\text{NDF}: 65571.9/5$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 63.440 ± 0.025 $\chi^2/\text{NDF}: 1437.7/3$

Left: 61.922 ± 0.016 $\chi^2/\text{NDF}: 73428.9/9$

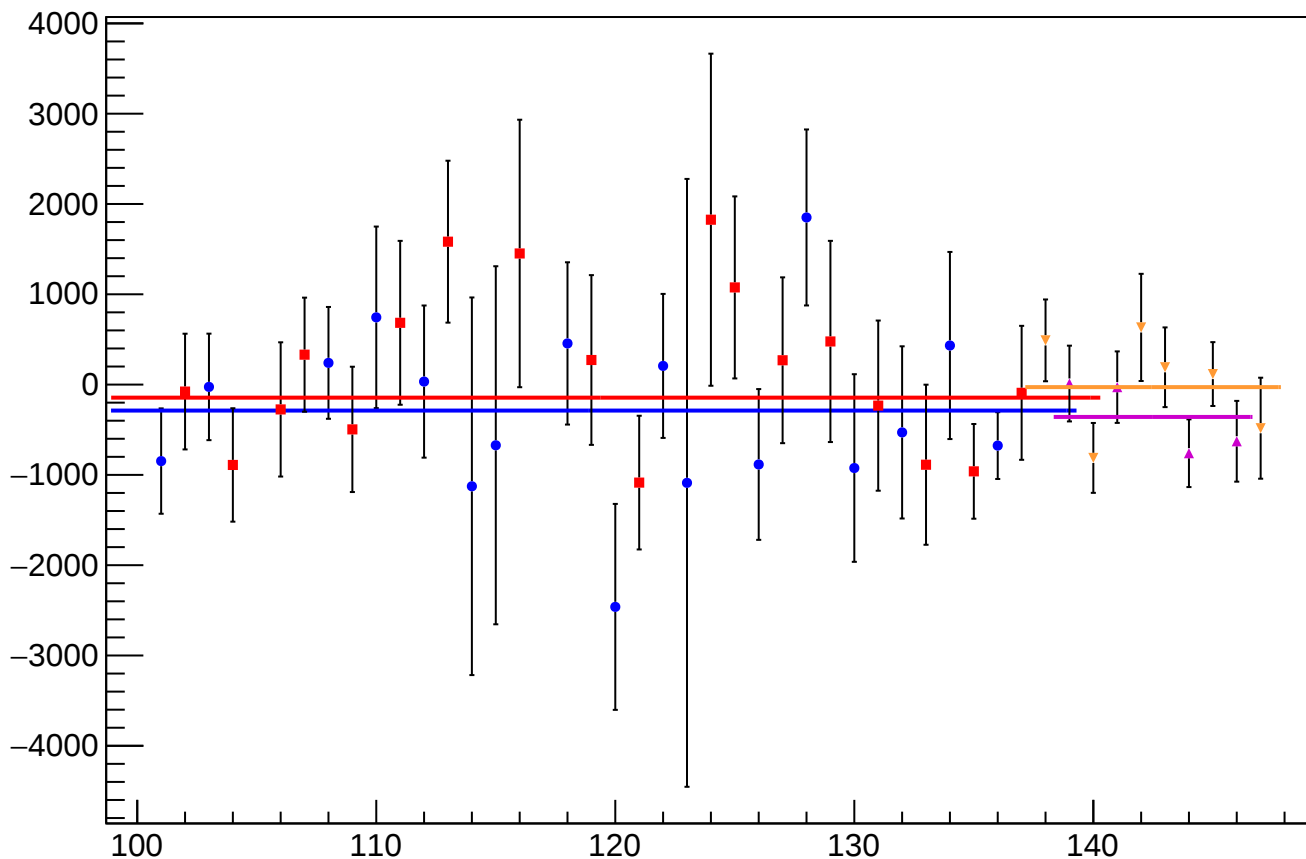
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 63.133 ± 0.014 $\chi^2/\text{NDF}: 376930.9/20$

Out: 62.431 ± 0.013 $\chi^2/\text{NDF}: 410748.4/23$

All: 62.758 ± 0.010 $\chi^2/\text{NDF}: 788969.8/44$

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: -358.195 ± 203.389 $\chi^2/\text{NDF}: 3.0/3$

Left: -173.415 ± 134.963 $\chi^2/\text{NDF}: 12.2/9$

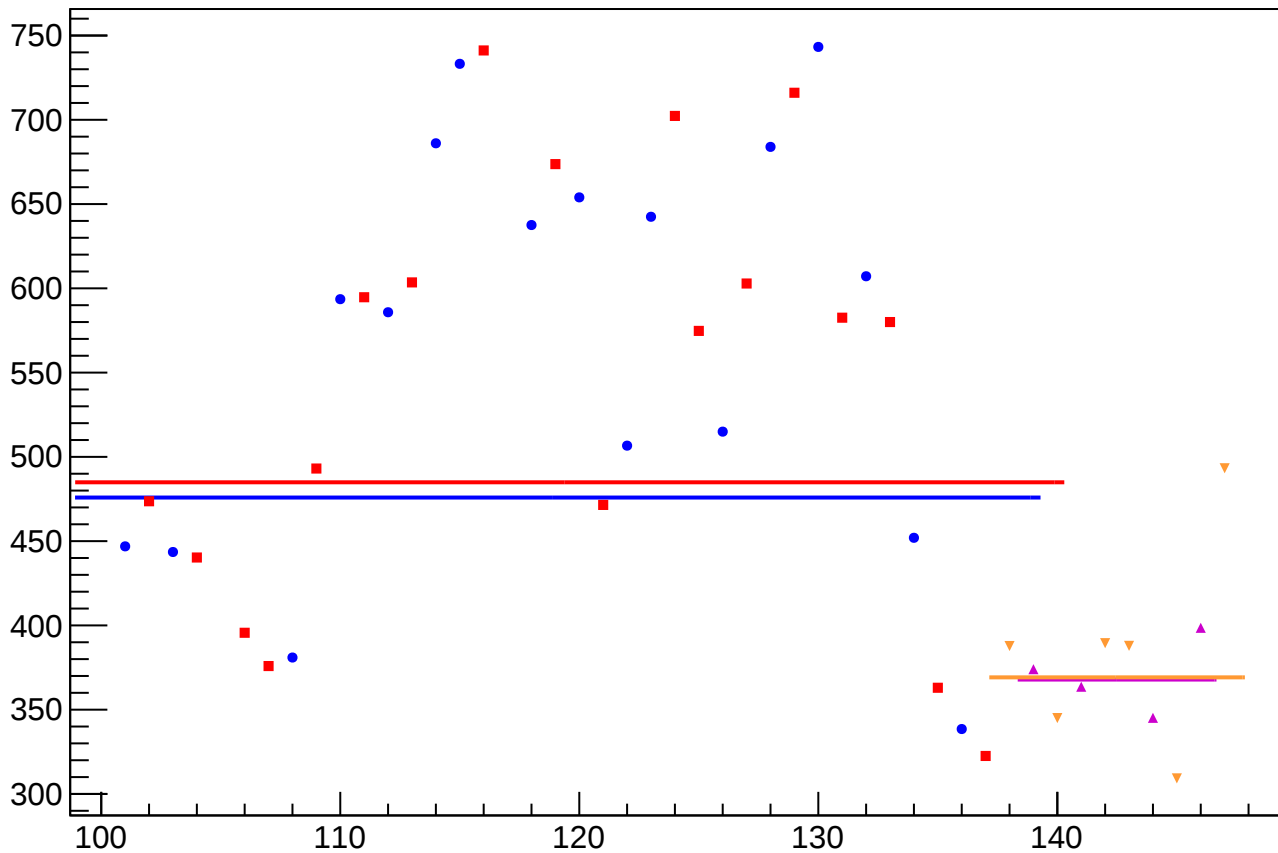
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -320.521 ± 138.799 $\chi^2/\text{NDF}: 18.4/20$

Out: -83.998 ± 130.093 $\chi^2/\text{NDF}: 24.0/23$

All: -194.610 ± 94.918 $\chi^2/\text{NDF}: 43.9/44$

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: 367.868 $\pm$ 0.144 χ^2 /NDF:17422.2/3

Left: 368.600 $\pm$ 0.095 χ^2 /NDF: 190484.3/9

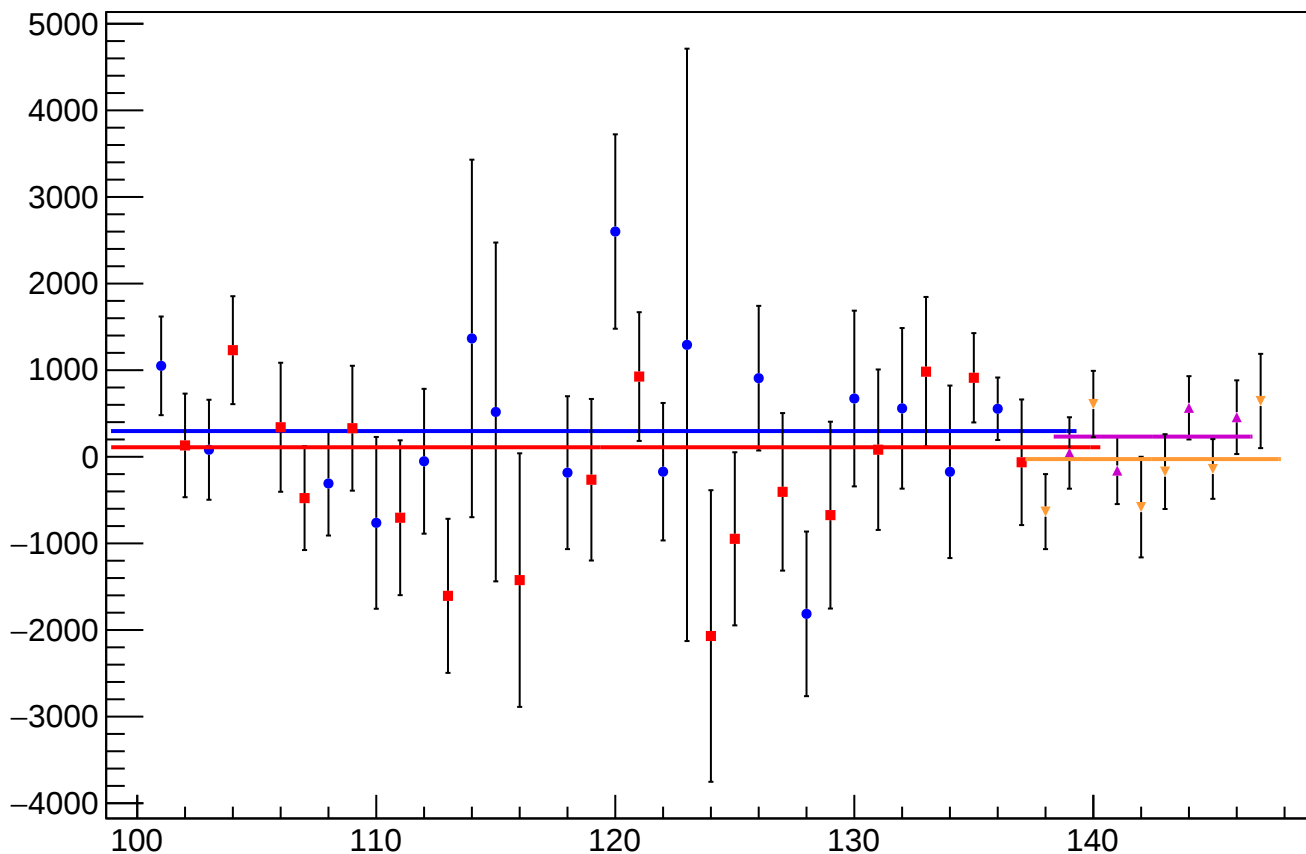
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 425.573 $\pm$ 0.098 χ^2 /NDF:1156545.3/20

Out: 424.728 $\pm$ 0.092 χ^2 /NDF:1284442.0/23

All: 425.123 $\pm$ 0.067 χ^2 /NDF: 2441026.7/44

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: 233.050 $\pm$ 197.773 χ^2 /NDF: 2.3/3

Left: 88.189 $\pm$ 131.480 χ^2 /NDF: 10.7/9

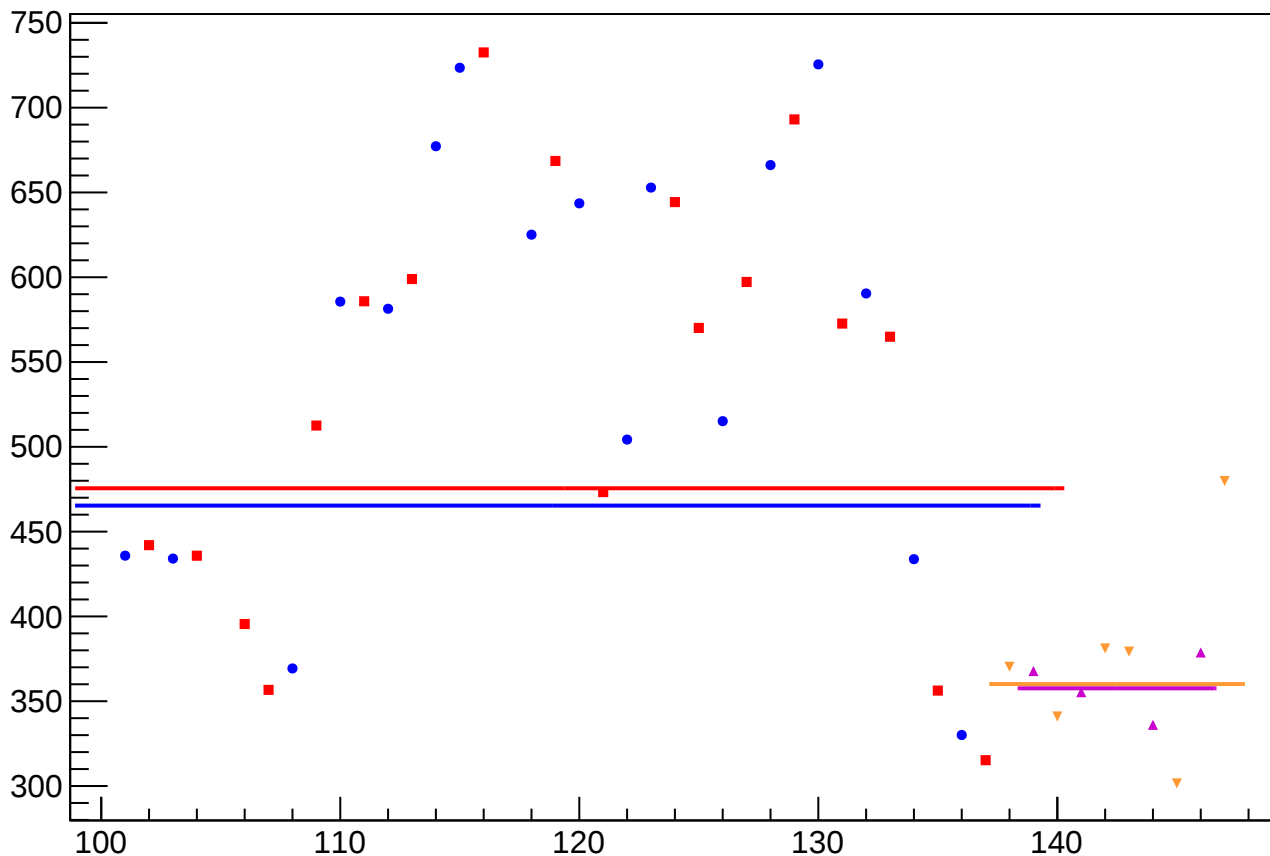
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 266.980 $\pm$ 135.483 χ^2 /NDF: 18.3/20

Out: 38.619 $\pm$ 127.319 χ^2 /NDF: 26.2/23

All: 145.713 $\pm$ 92.780 χ^2 /NDF: 46.0/44

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 360.114+/-0.124 χ^2/NDF : 167126.9/5

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 357.617+/-0.140 χ^2/NDF : 13154.8/3

Left: 359.011+/-0.093 χ^2/NDF : 180459.6/9

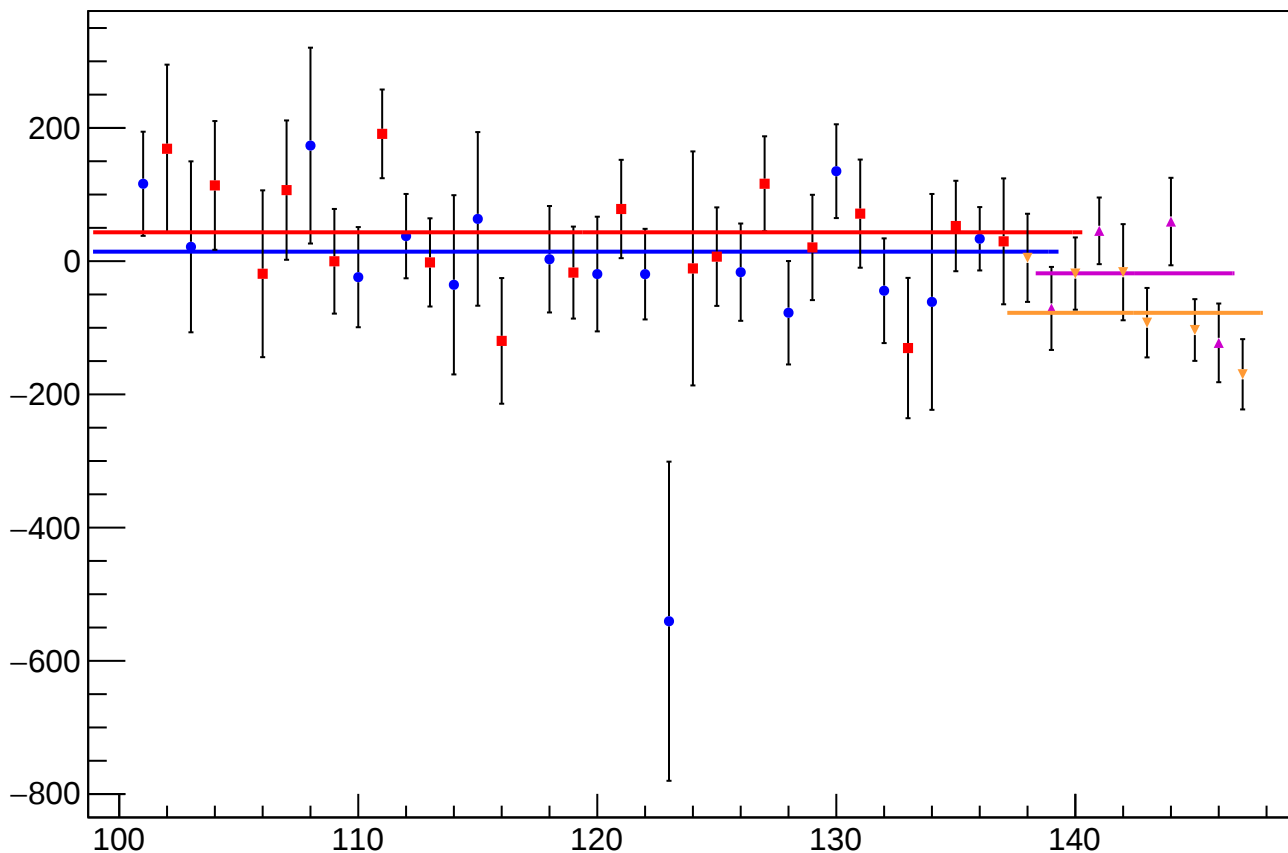
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 414.796+/-0.096 χ^2/NDF : 1188564.6/20

Out: 415.149+/-0.090 χ^2/NDF : 1318170.2/23

All: 414.983+/-0.066 χ^2/NDF : 2506742.0/44

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: -18.255+/-29.165 χ^2/NDF : 6.9/3

Left: -55.280+/-17.877 χ^2/NDF : 16.3/9

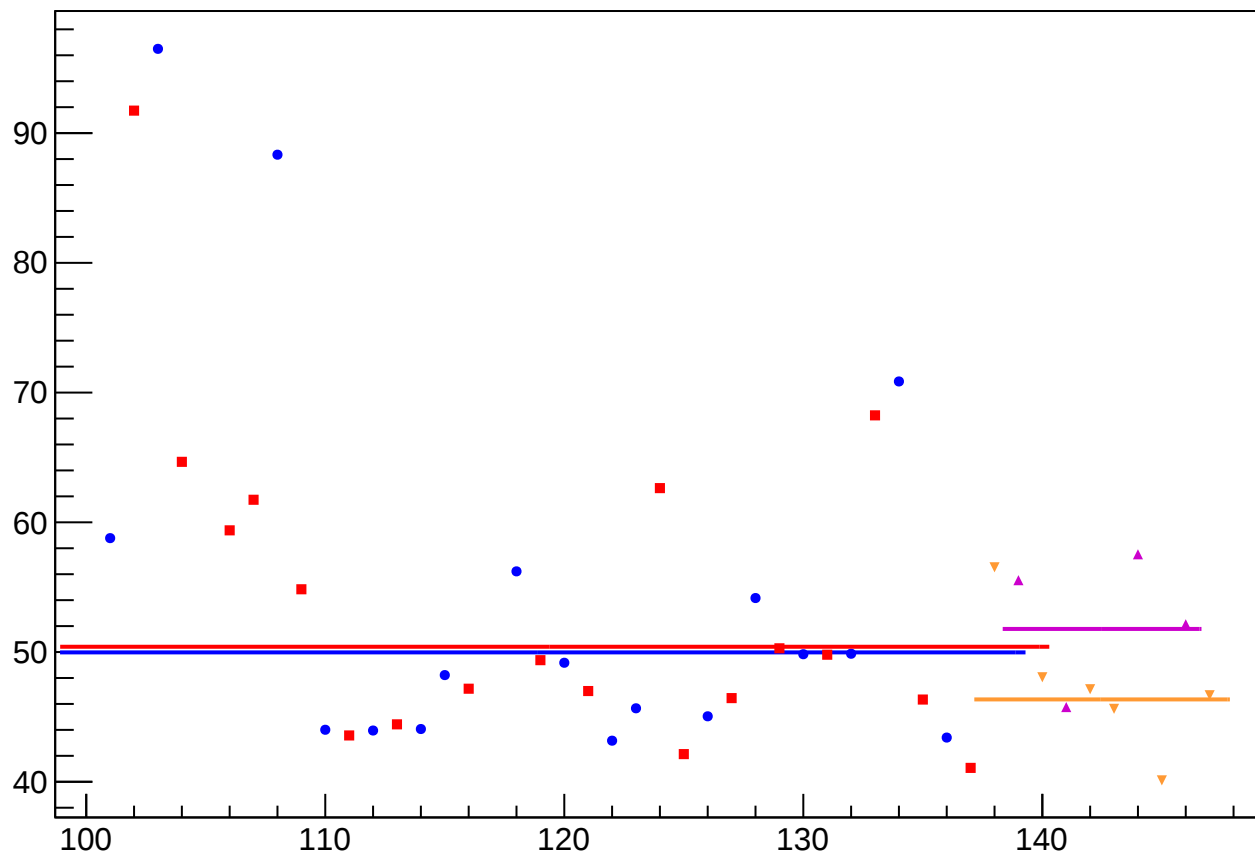
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: 3.950+/-16.419 χ^2/NDF : 22.5/20

Out: -8.644+/-14.836 χ^2/NDF : 39.3/23

All: -2.983+/-11.008 χ^2/NDF : 62.2/44

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 46.348+/-0.016 χ^2/NDF : 86363.4/5

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 51.781+/-0.021 χ^2/NDF : 51691.1/3

Left: 48.389+/-0.013 χ^2/NDF : 181386.5/9

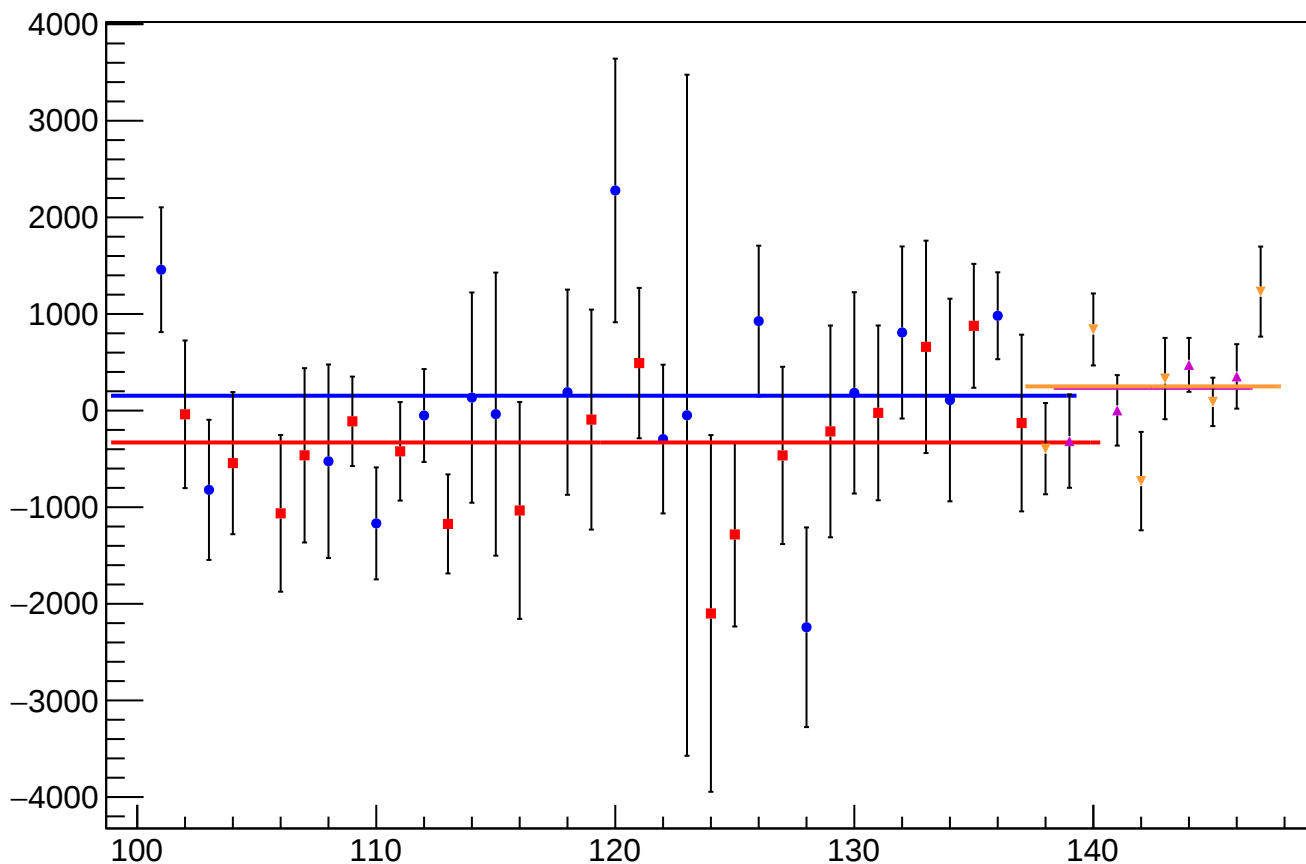
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 50.546+/-0.012 χ^2/NDF : 635692.4/20

Out: 48.662+/-0.010 χ^2/NDF : 590555.6/23

All: 49.509+/-0.008 χ^2/NDF : 1240741.6/44

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 250.344 $\pm$ 154.804 χ^2 /NDF:12.9/5

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 235.867 $\pm$ 172.418 χ^2 /NDF:2.6/3

Left: 243.883 $\pm$ 115.189 χ^2 /NDF: 15.5/9

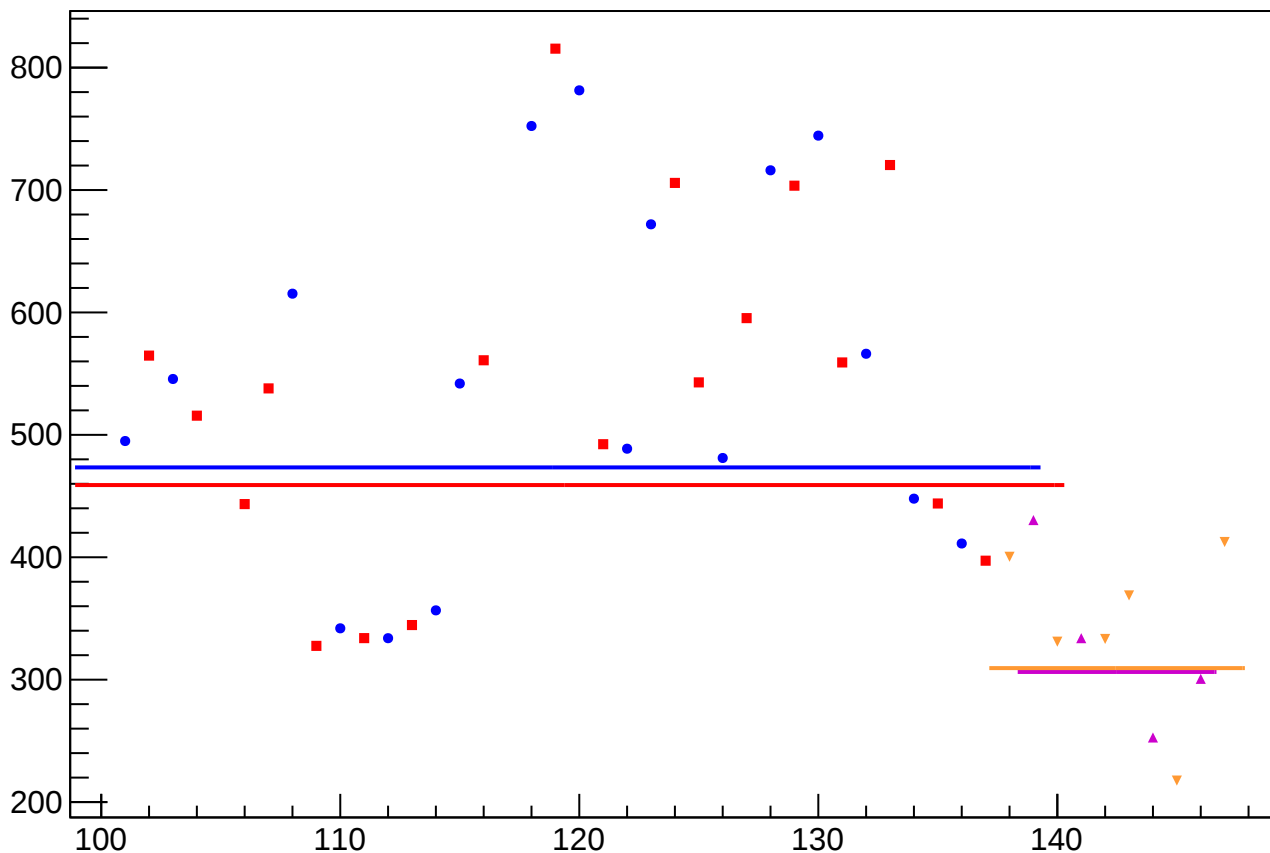
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 198.817 $\pm$ 127.671 χ^2 /NDF:27.5/20

Out: 3.296 $\pm$ 117.312 χ^2 /NDF:31.0/23

All: 92.803 $\pm$ 86.383 χ^2 /NDF: 59.7/44

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: 306.307 $\pm$ 0.122 χ^2 /NDF: 217550.2/3

Left: 308.046 $\pm$ 0.081 χ^2 /NDF: 709772.8/9

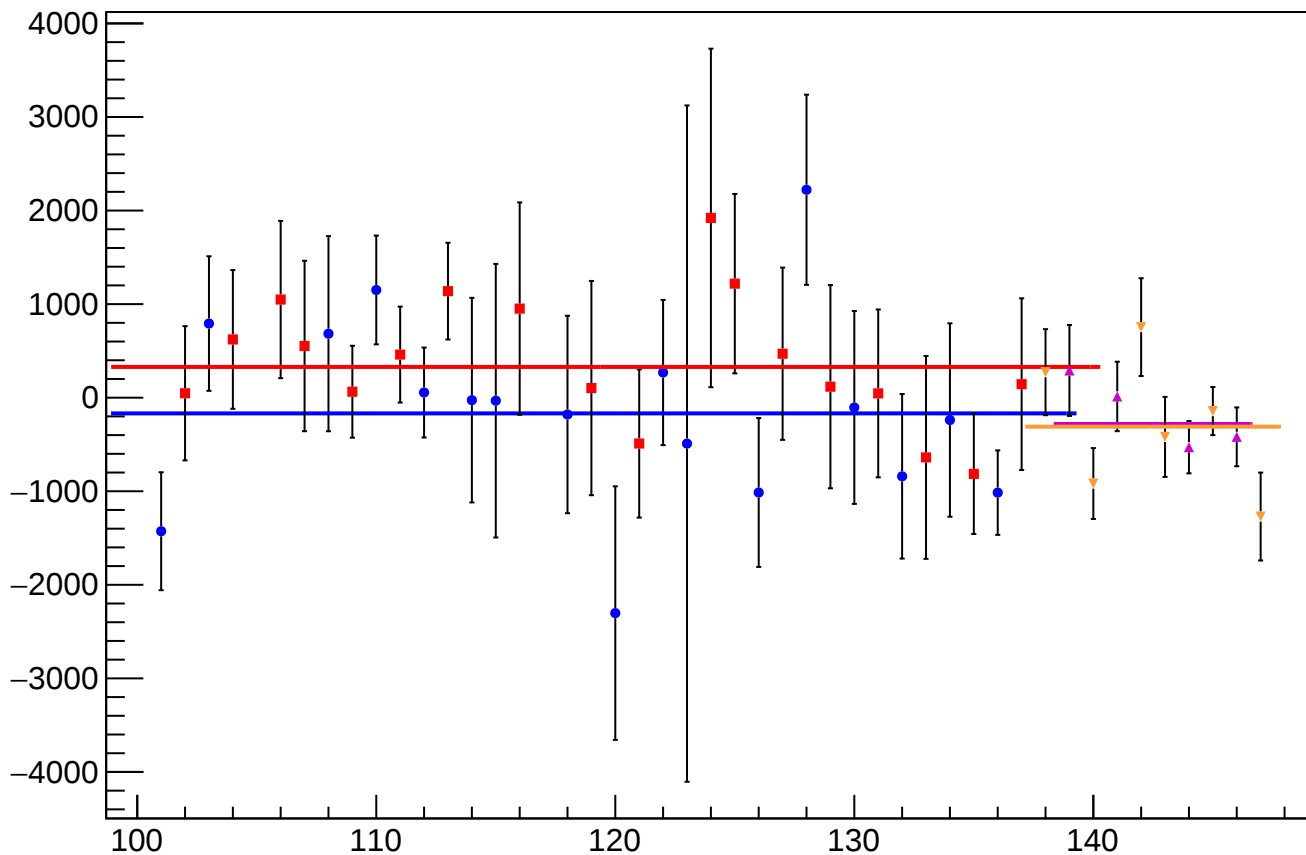
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 381.785 $\pm$ 0.090 χ^2 /NDF: 1981001.0/20

Out: 373.111 $\pm$ 0.083 χ^2 /NDF: 2292642.5/23

All: 377.082 $\pm$ 0.061 χ^2 /NDF: 4278648.9/44

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -309.924 ± 157.117 $\chi^2/\text{NDF}: 13.0/5$

Right Out: 328.598 ± 181.559 $\chi^2/\text{NDF}: 11.1/17$

Left In: -281.277 ± 170.430 $\chi^2/\text{NDF}: 3.0/3$

Left: -296.763 ± 115.519 $\chi^2/\text{NDF}: 16.0/9$

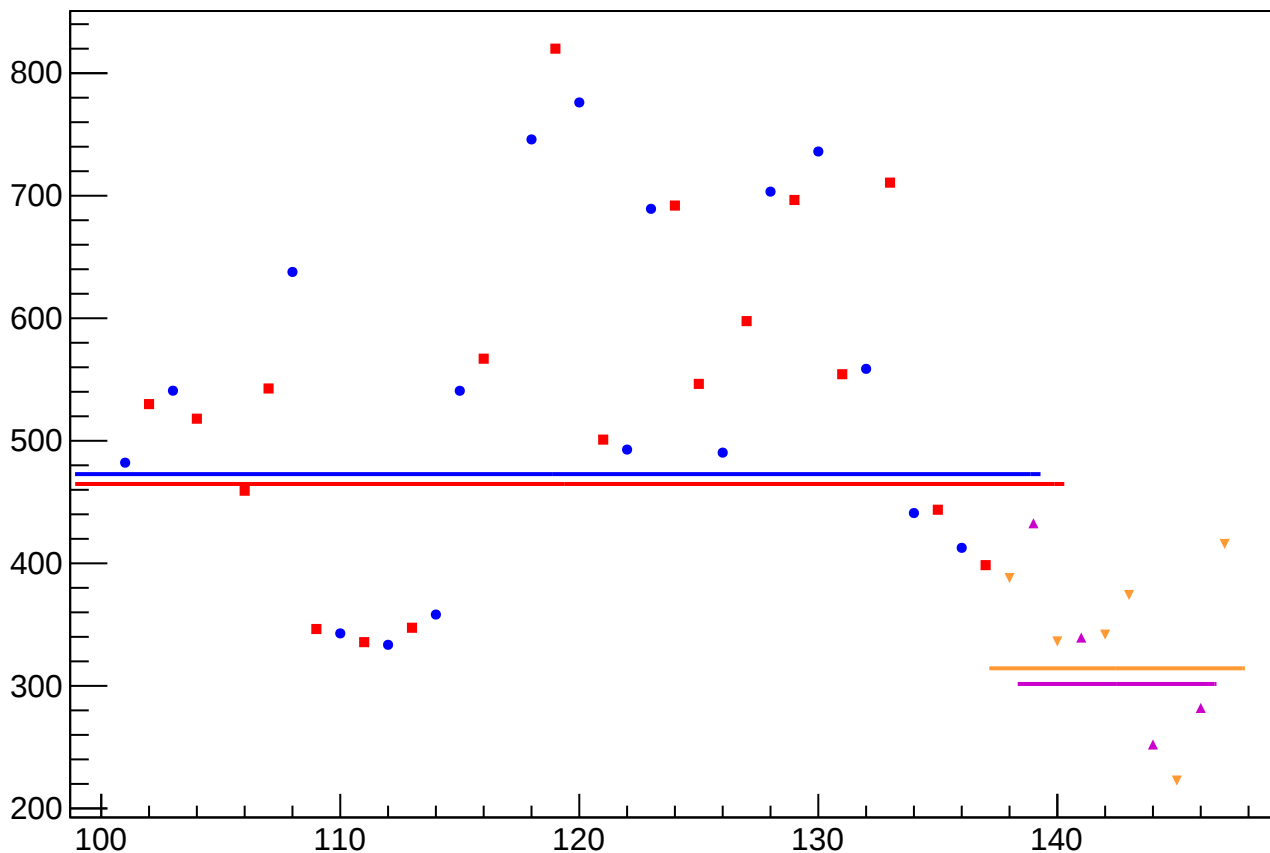
Right: 91.236 ± 131.185 $\chi^2/\text{NDF}: 40.1/34$

In: -230.721 ± 126.797 $\chi^2/\text{NDF}: 28.6/20$

Out: -36.506 ± 118.808 $\chi^2/\text{NDF}: 31.2/23$

All: -127.303 ± 86.696 $\chi^2/\text{NDF}: 61.0/44$

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: 301.563 $\pm$ 0.121 χ^2 /NDF: 236845.3/3

Left: 308.464 $\pm$ 0.082 χ^2 /NDF: 693275.3/9

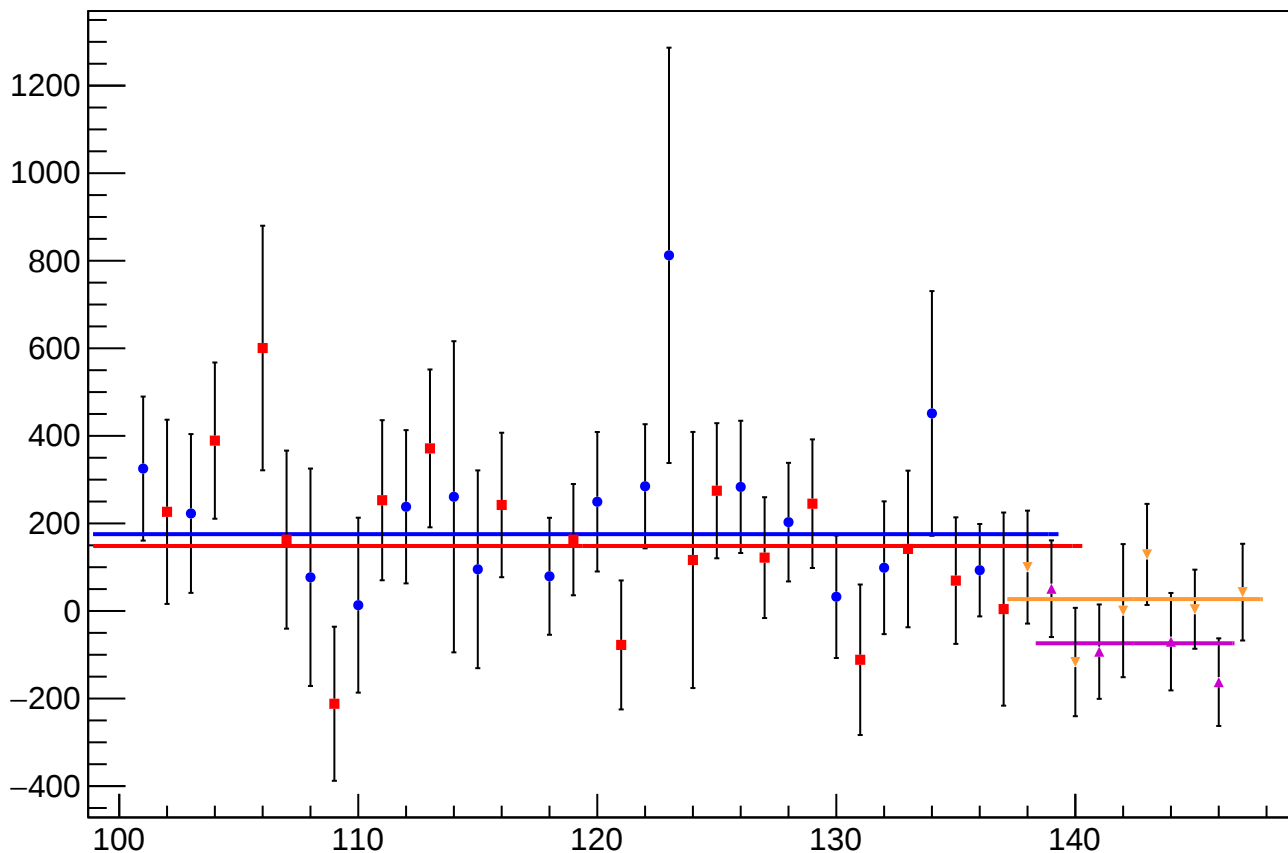
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 378.028 $\pm$ 0.090 χ^2 /NDF: 2034887.8/20

Out: 378.744 $\pm$ 0.084 χ^2 /NDF: 2150221.9/23

All: 378.410 $\pm$ 0.061 χ^2 /NDF: 4185143.7/44

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 27.134 $\pm$ 47.232 χ^2 /NDF:2.6/5

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -73.754 $\pm$ 53.549 χ^2 /NDF:2.1/3

Left: -17.011 $\pm$ 35.422 χ^2 /NDF: 6.7/9

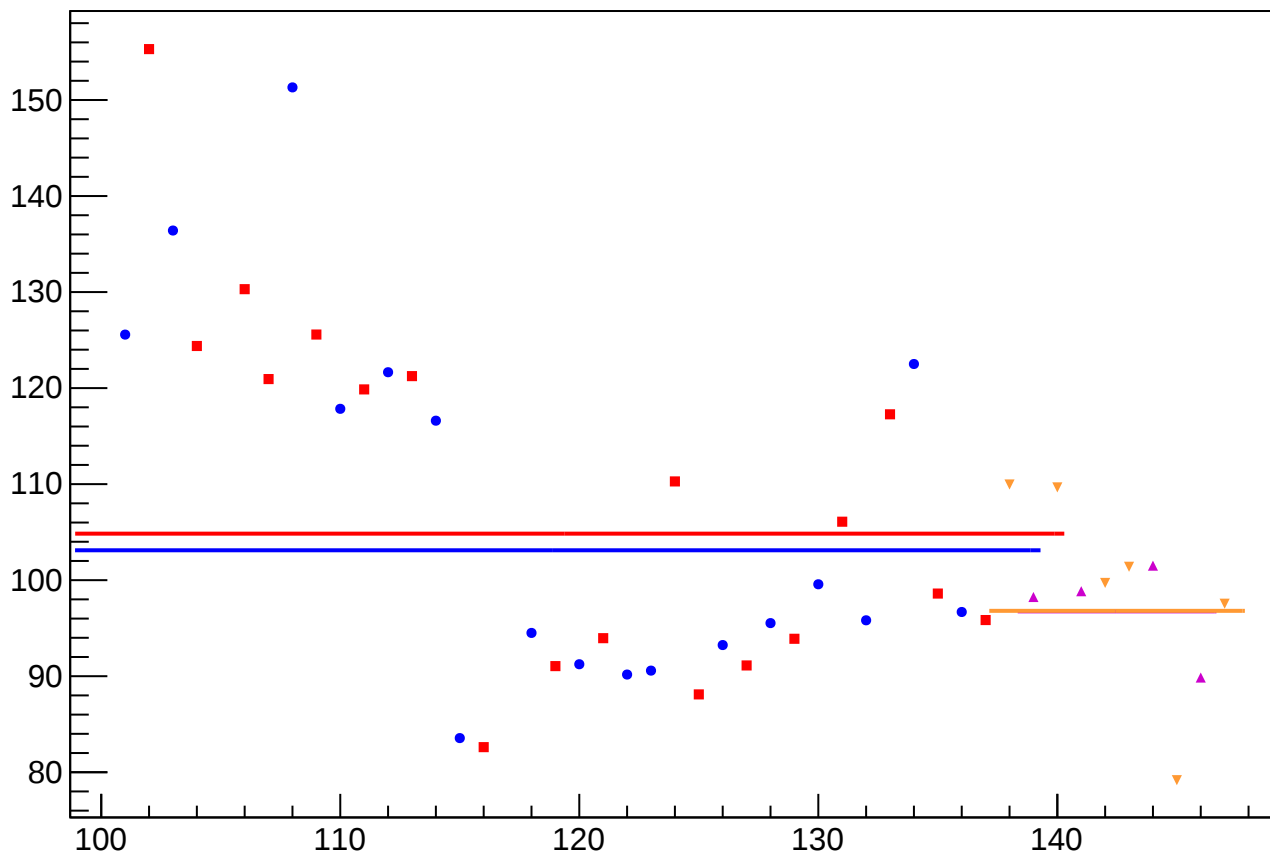
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 85.187 $\pm$ 32.230 χ^2 /NDF:24.5/20

Out: 97.289 $\pm$ 30.671 χ^2 /NDF:23.9/23

All: 91.538 $\pm$ 22.218 χ^2 /NDF: 48.4/44

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: 96.751 $\pm$ 0.038 χ^2 /NDF:14268.0/3

Left: 96.782 $\pm$ 0.025 χ^2 /NDF: 136859.3/9

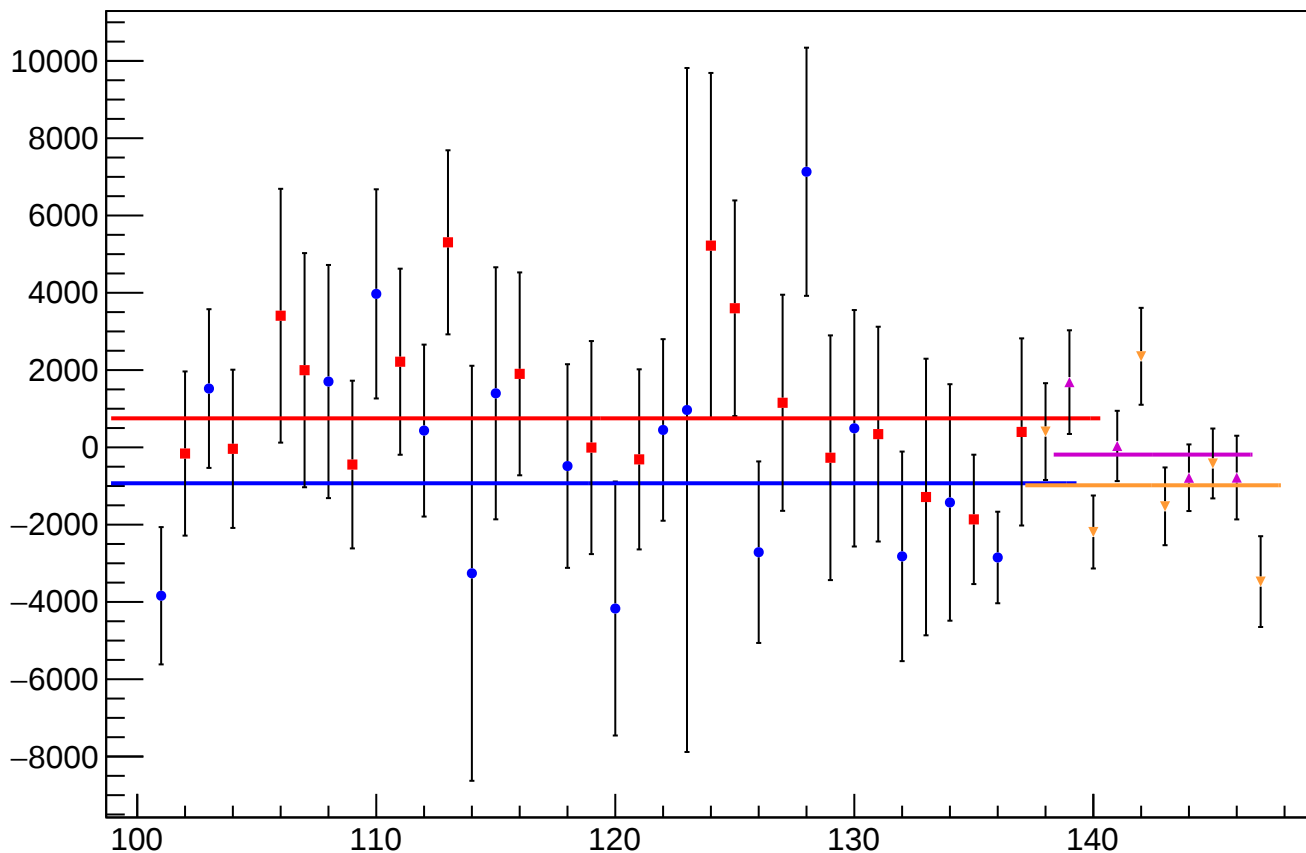
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 100.808 $\pm$ 0.023 χ^2 /NDF:338708.1/20

Out: 101.455 $\pm$ 0.022 χ^2 /NDF:524762.8/23

All: 101.147 $\pm$ 0.016 χ^2 /NDF: 863893.8/44

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: -187.176+/-502.292 χ^2/NDF :2.8/3

Left: -642.646+/-328.013 χ^2/NDF : 19.4/9

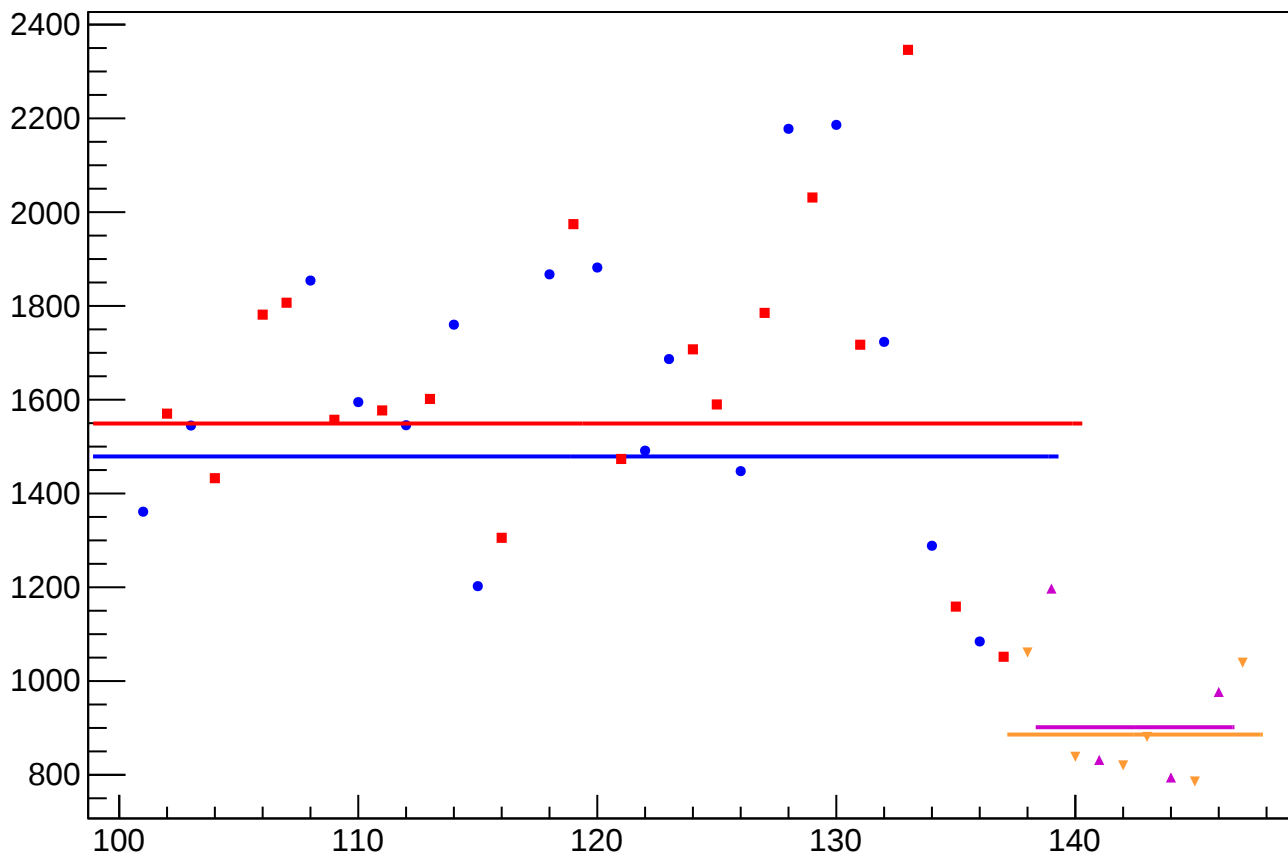
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -500.739+/-381.633 χ^2/NDF :24.6/20

Out: -381.168+/-350.160 χ^2/NDF :31.6/23

All: -435.821+/-258.011 χ^2/NDF : 56.2/44

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 885.937 $\pm$ 0.306 χ^2 /NDF:108186.3/5

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 901.551 $\pm$ 0.355 χ^2 /NDF:149489.3/3

Left: 892.596 $\pm$ 0.232 χ^2 /NDF: 258784.0/9

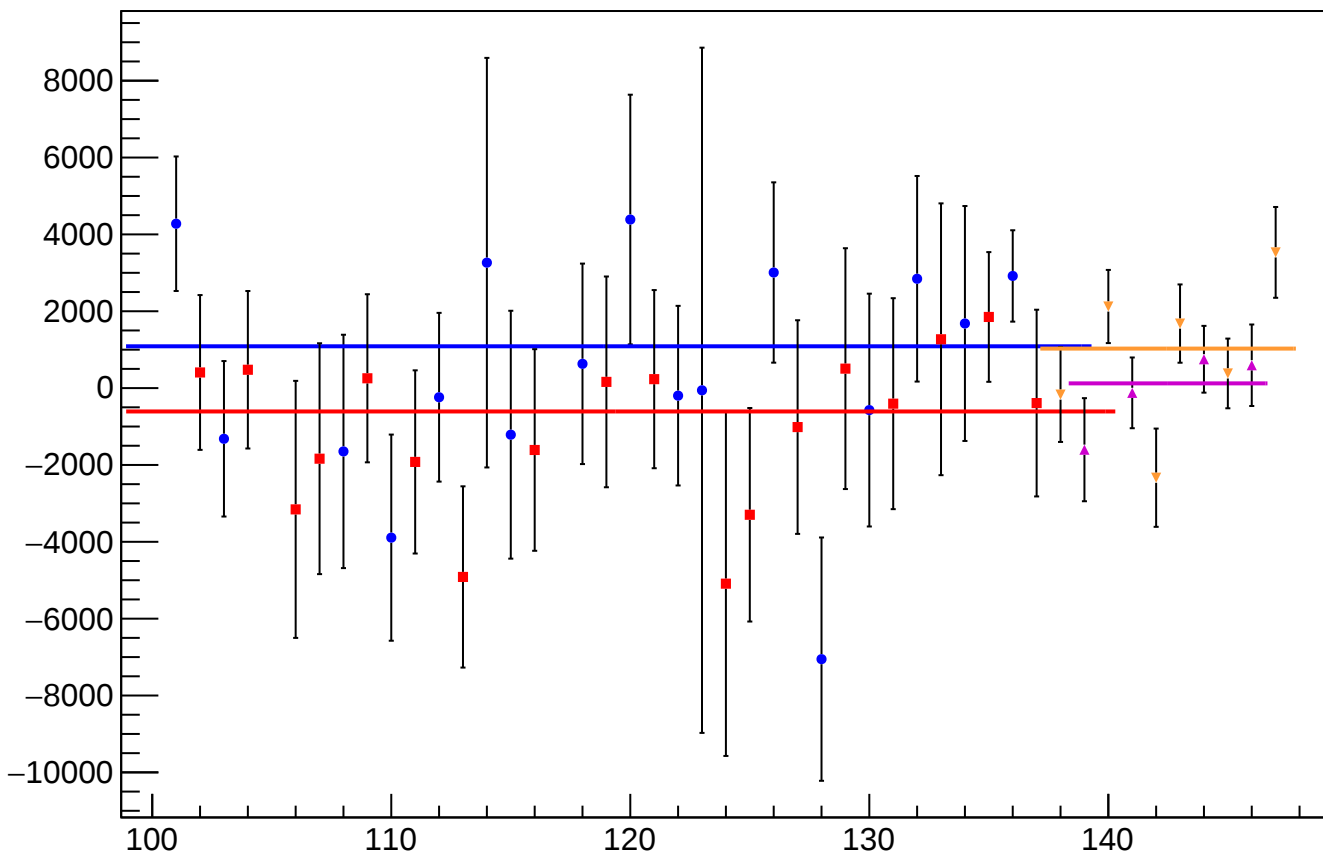
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1145.652 $\pm$ 0.270 χ^2 /NDF:1856472.5/20

Out: 1115.704 $\pm$ 0.248 χ^2 /NDF:2195676.6/23

All: 1129.392 $\pm$ 0.182 χ^2 /NDF: 4058836.1/44

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: 123.059+/-503.163 χ^2/NDF : 2.4/3

Left: 640.364+/-329.353 χ^2/NDF : 18.9/9

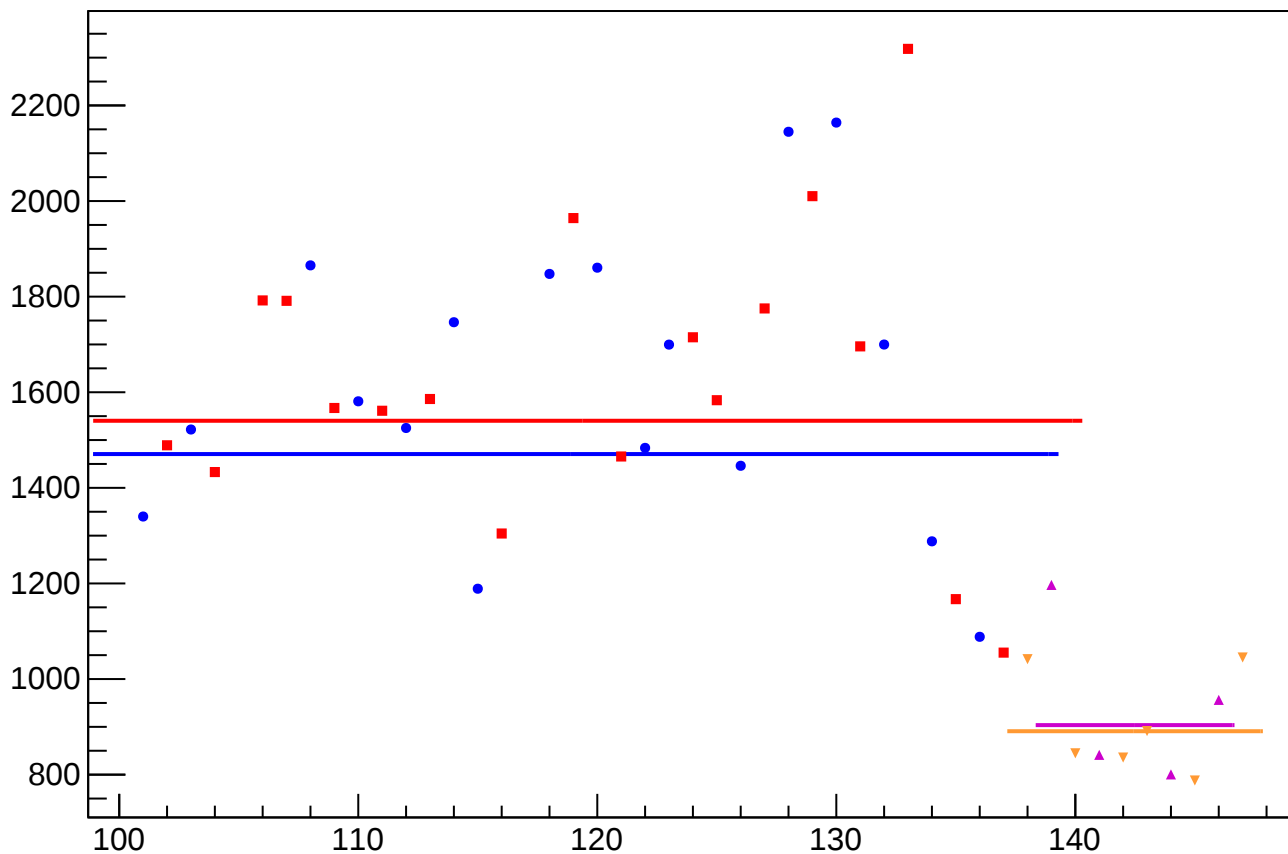
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 534.714+/-381.005 χ^2/NDF : 25.9/20

Out: 452.839+/-350.786 χ^2/NDF : 29.5/23

All: 490.401+/-258.066 χ^2/NDF : 55.4/44

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 890.864+/-0.308 χ^2/NDF : 98259.4/5

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 903.631+/-0.356 χ^2/NDF : 137874.8/3

Left: 896.334+/-0.233 χ^2/NDF : 236870.1/9

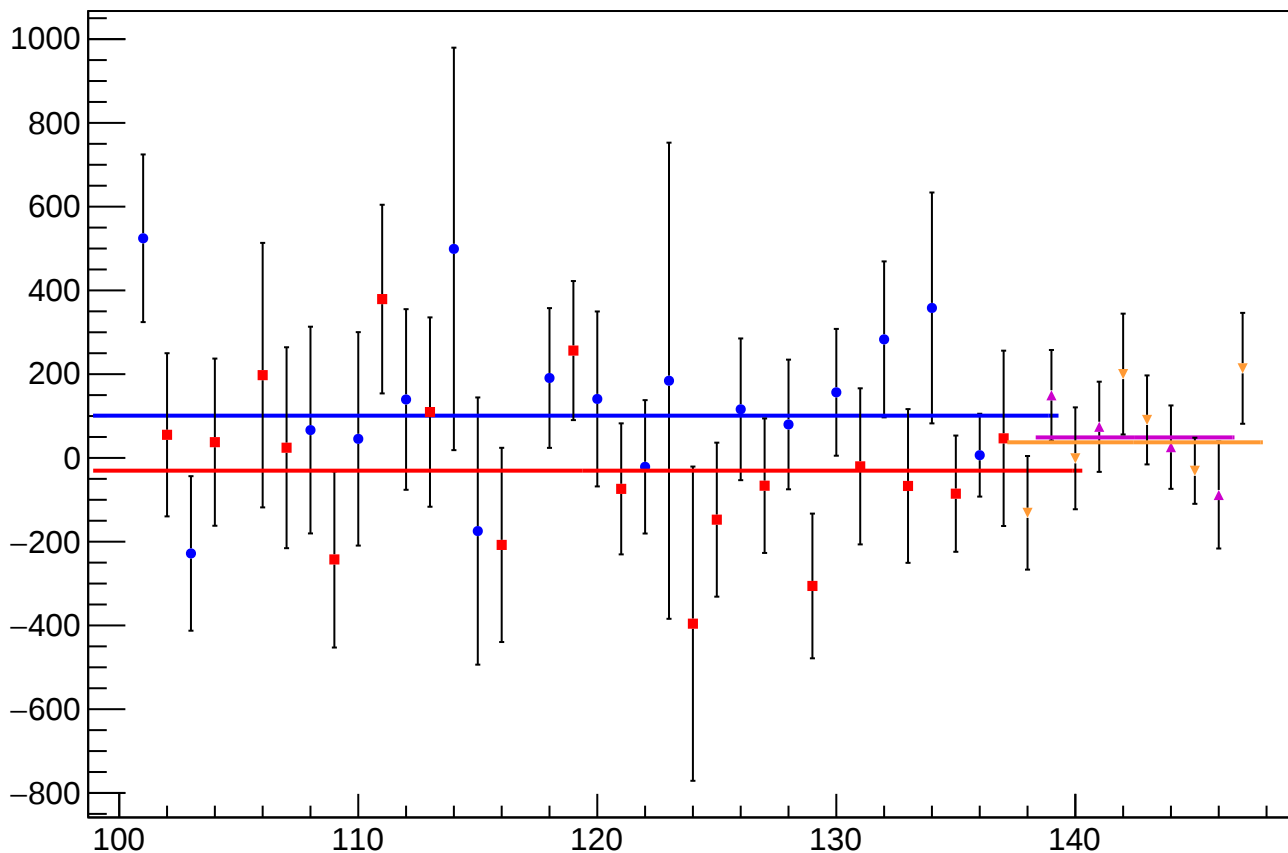
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 1145.545+/-0.269 χ^2/NDF : 1789273.5/20

Out: 1119.248+/-0.248 χ^2/NDF : 2104168.0/23

All: 1131.313+/-0.182 χ^2/NDF : 3898597.7/44

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: 48.981 $\pm$ 54.739 χ^2 /NDF:2.1/3

Left: 42.105 $\pm$ 35.138 χ^2 /NDF: 7.8/9

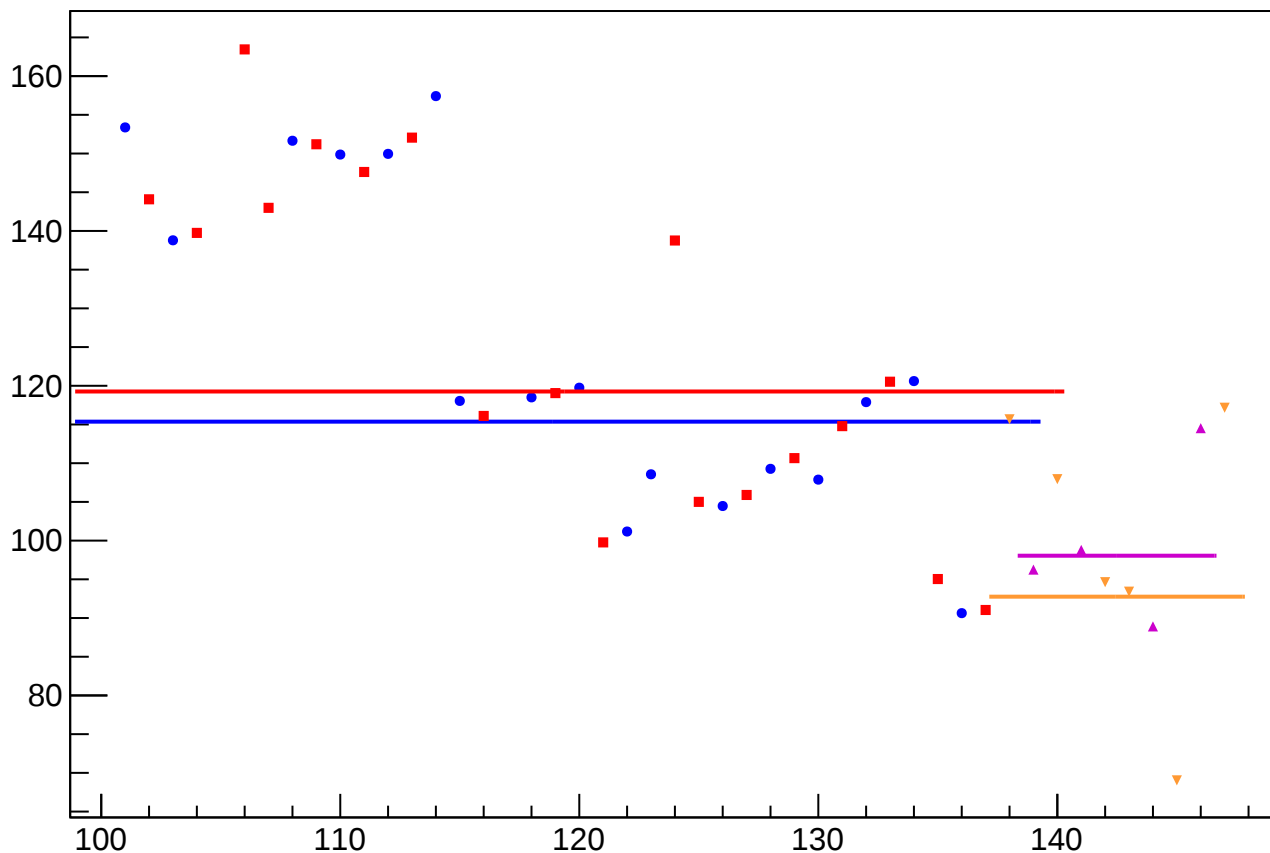
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 79.816 $\pm$ 34.892 χ^2 /NDF:15.7/20

Out: 3.352 $\pm$ 32.363 χ^2 /NDF:20.3/23

All: 38.713 $\pm$ 23.728 χ^2 /NDF: 38.6/44

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: 98.050 $\pm$ 0.039 χ^2 /NDF:50721.6/3

Left: 94.939 $\pm$ 0.025 χ^2 /NDF: 399077.6/9

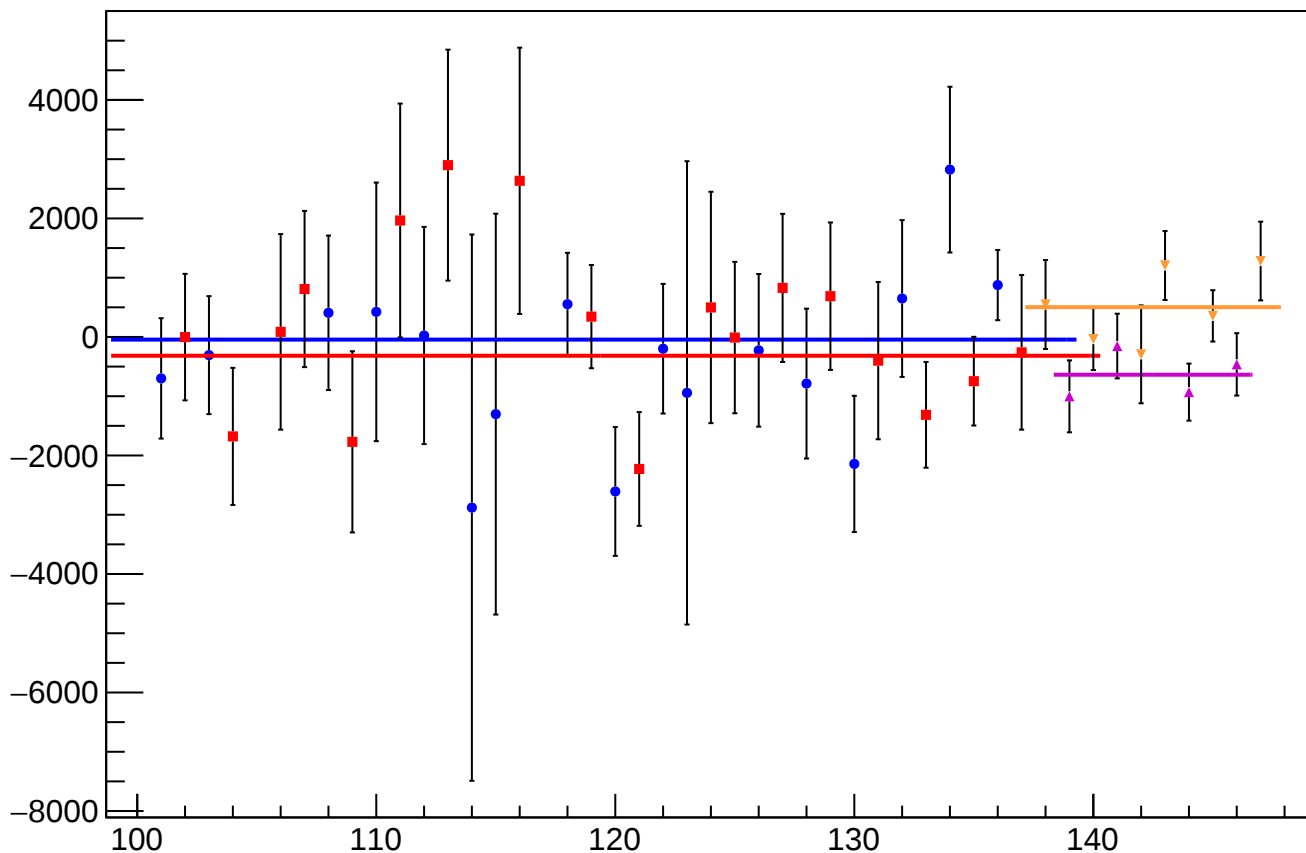
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 108.331 $\pm$ 0.025 χ^2 /NDF:580912.7/20

Out: 106.045 $\pm$ 0.023 χ^2 /NDF:1071026.8/23

All: 107.102 $\pm$ 0.017 χ^2 /NDF: 1656554.7/44

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 502.776 ± 239.380 $\chi^2/\text{NDF}: 4.9/5$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -637.363 ± 267.333 $\chi^2/\text{NDF}: 1.6/3$

Left: -4.588 ± 178.334 $\chi^2/\text{NDF}: 16.7/9$

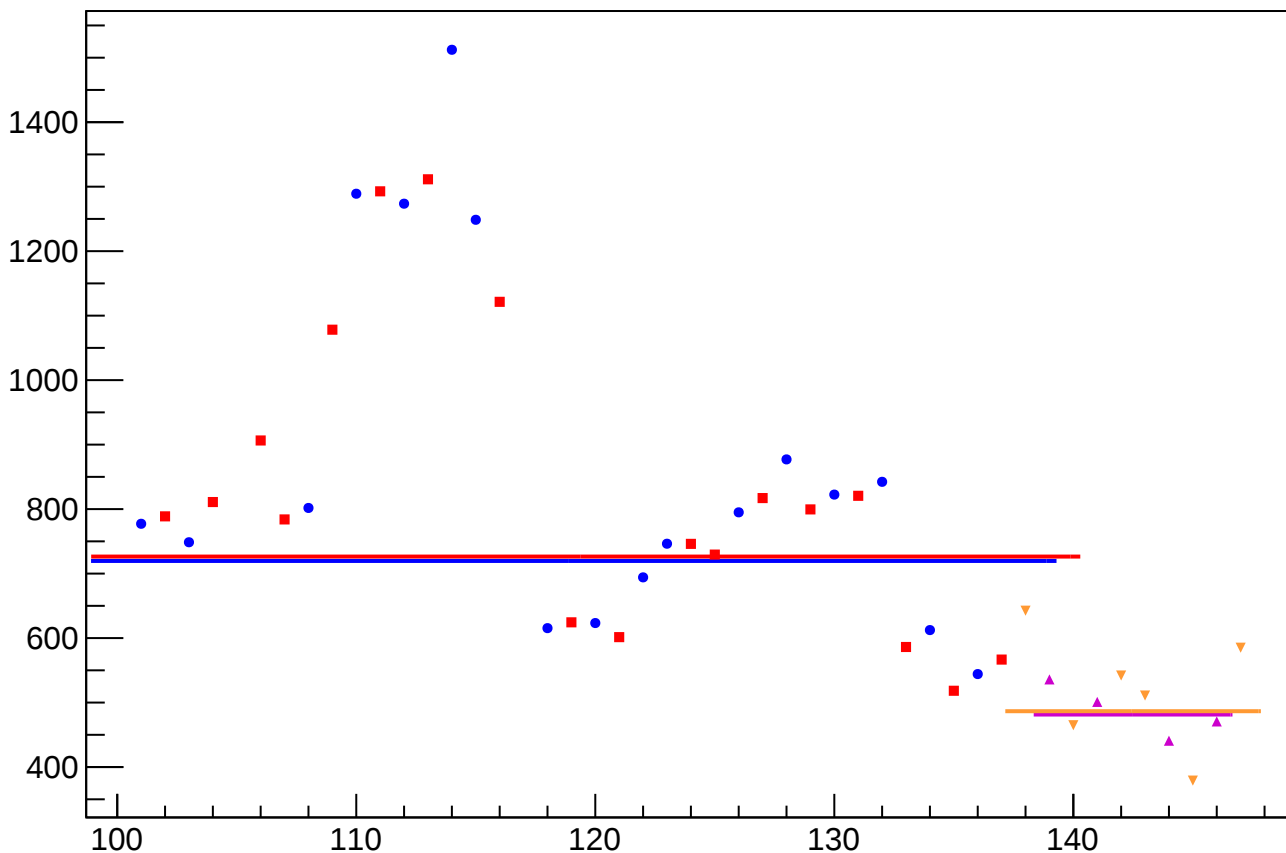
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -361.227 ± 195.390 $\chi^2/\text{NDF}: 21.8/20$

Out: 161.036 ± 182.796 $\chi^2/\text{NDF}: 26.6/23$

All: -82.723 ± 133.486 $\chi^2/\text{NDF}: 52.2/44$

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: 481.455 $\pm$ 0.189 χ^2 /NDF: 33738.0/3

Left: 484.311 $\pm$ 0.126 χ^2 /NDF: 303539.3/9

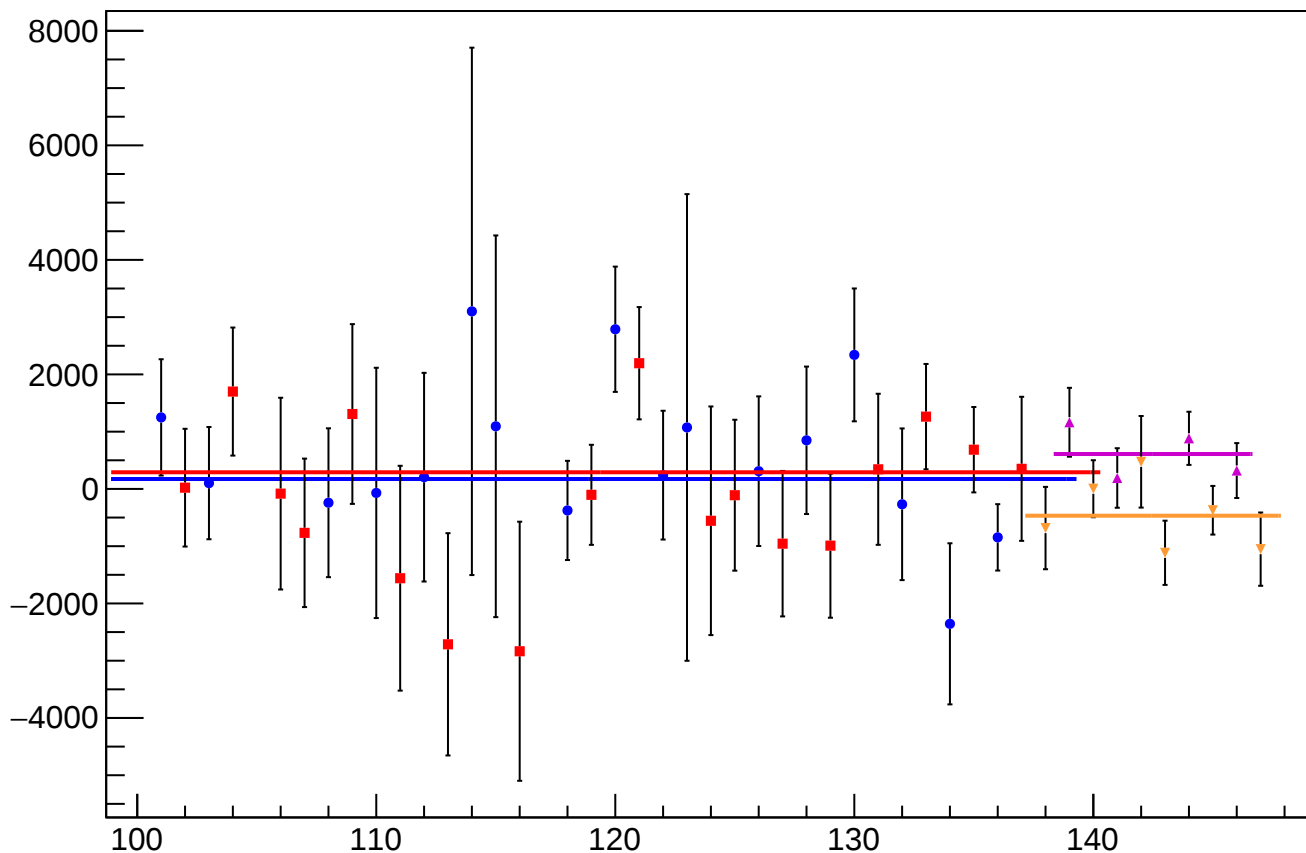
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 592.388 $\pm$ 0.138 χ^2 /NDF: 1520014.2/20

Out: 586.568 $\pm$ 0.129 χ^2 /NDF: 1987043.2/23

All: 589.284 $\pm$ 0.094 χ^2 /NDF: 3508003.7/44

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: 609.678 $\pm$ 254.345 χ^2 /NDF:2.2/3

Left: 19.765 $\pm$ 171.110 χ^2 /NDF: 16.6/9

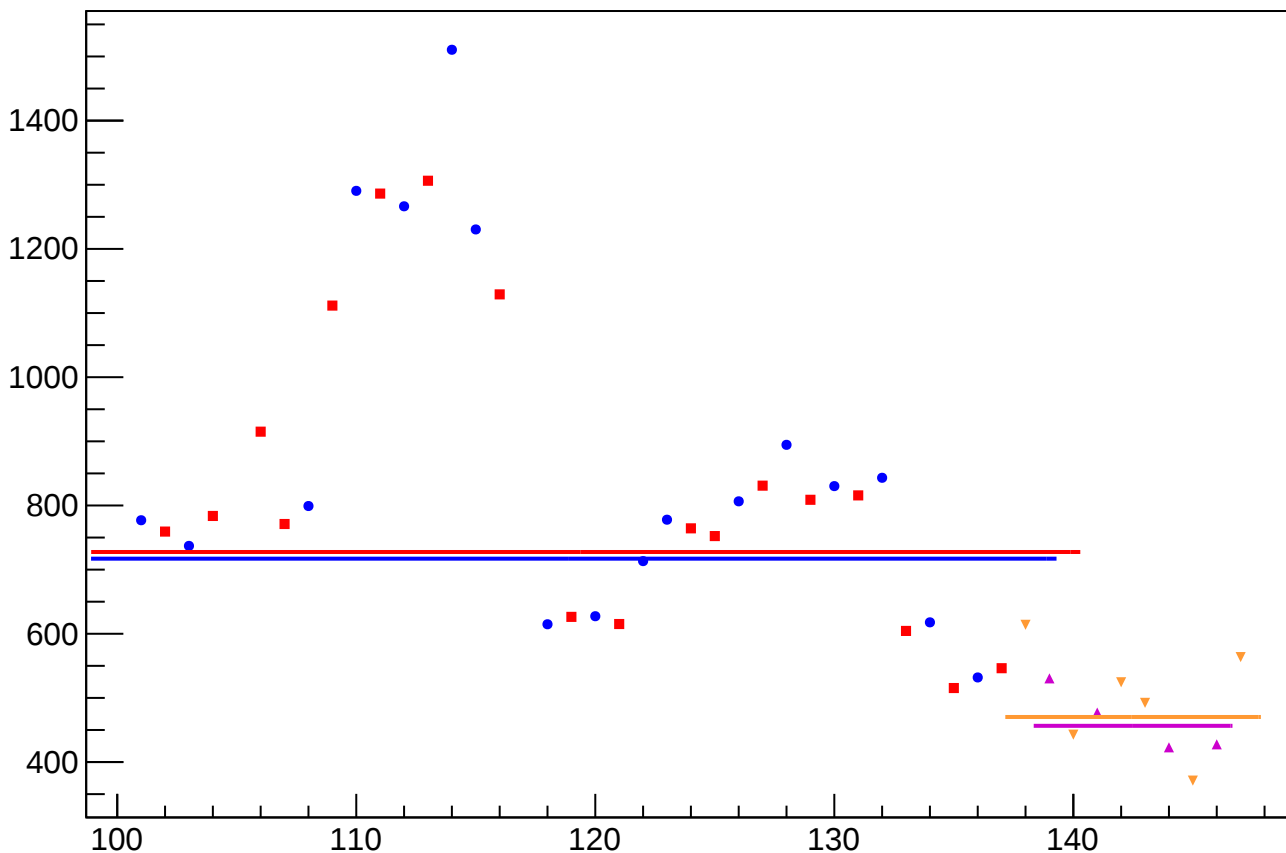
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 416.667 $\pm$ 189.963 χ^2 /NDF:21.6/20

Out: -164.842 $\pm$ 179.216 χ^2 /NDF:24.5/23

All: 108.998 $\pm$ 130.359 χ^2 /NDF: 51.1/44

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: 456.493 $\pm$ 0.180 χ^2 /NDF: 51098.5/3

Left: 464.034 $\pm$ 0.121 χ^2 /NDF: 304140.5/9

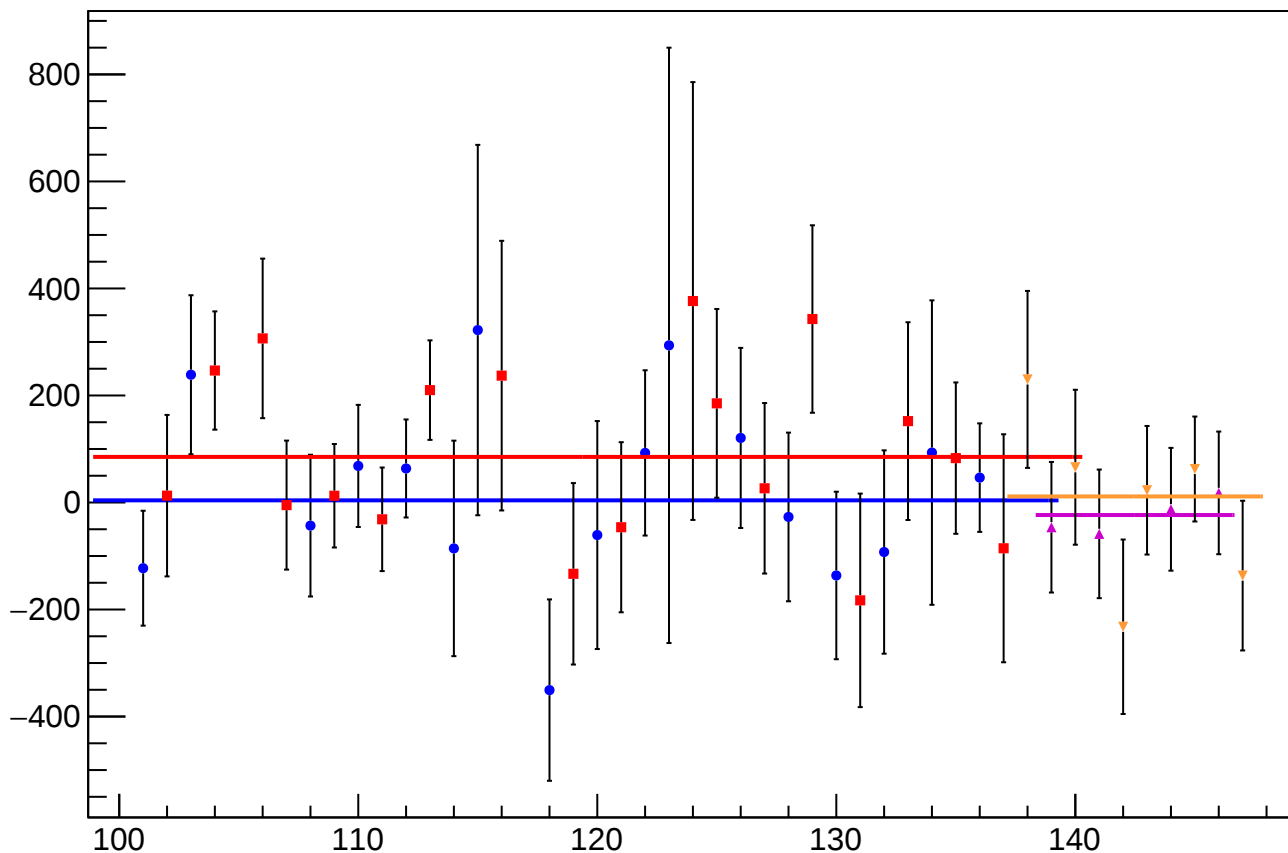
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 571.722 $\pm$ 0.134 χ^2 /NDF: 1761871.1/20

Out: 573.026 $\pm$ 0.127 χ^2 /NDF: 2119234.3/23

All: 572.412 $\pm$ 0.092 χ^2 /NDF: 3881155.3/44

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: -23.427 ± 58.876 $\chi^2/\text{NDF}: 0.3/3$

Left: -4.459 ± 39.689 $\chi^2/\text{NDF}: 6.0/9$

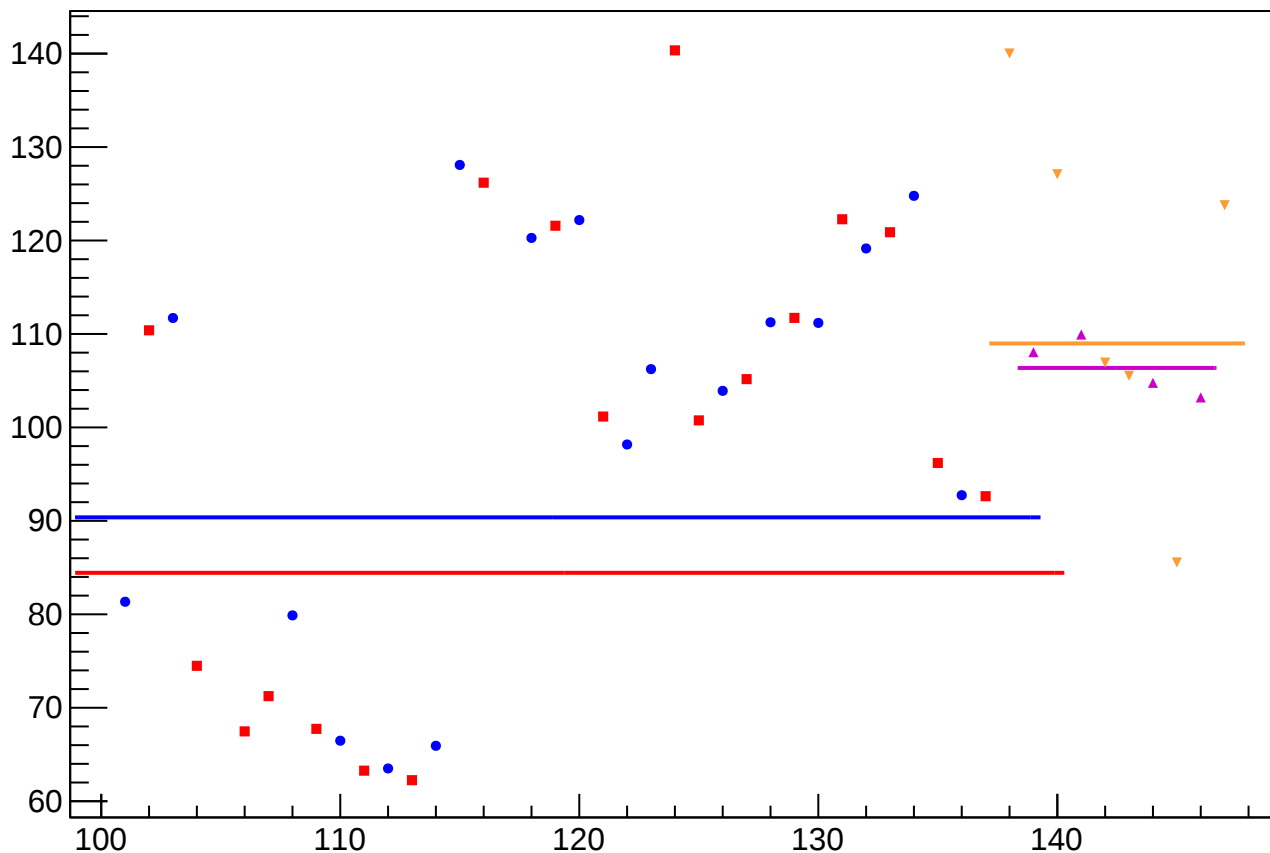
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: -3.441 ± 30.682 $\chi^2/\text{NDF}: 13.1/20$

Out: 64.609 ± 28.375 $\chi^2/\text{NDF}: 24.3/23$

All: 33.239 ± 20.832 $\chi^2/\text{NDF}: 40.0/44$

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: 106.363 $\pm$ 0.042 χ^2 /NDF: 4055.4/3

Left: 107.794 $\pm$ 0.028 χ^2 /NDF: 246529.6/9

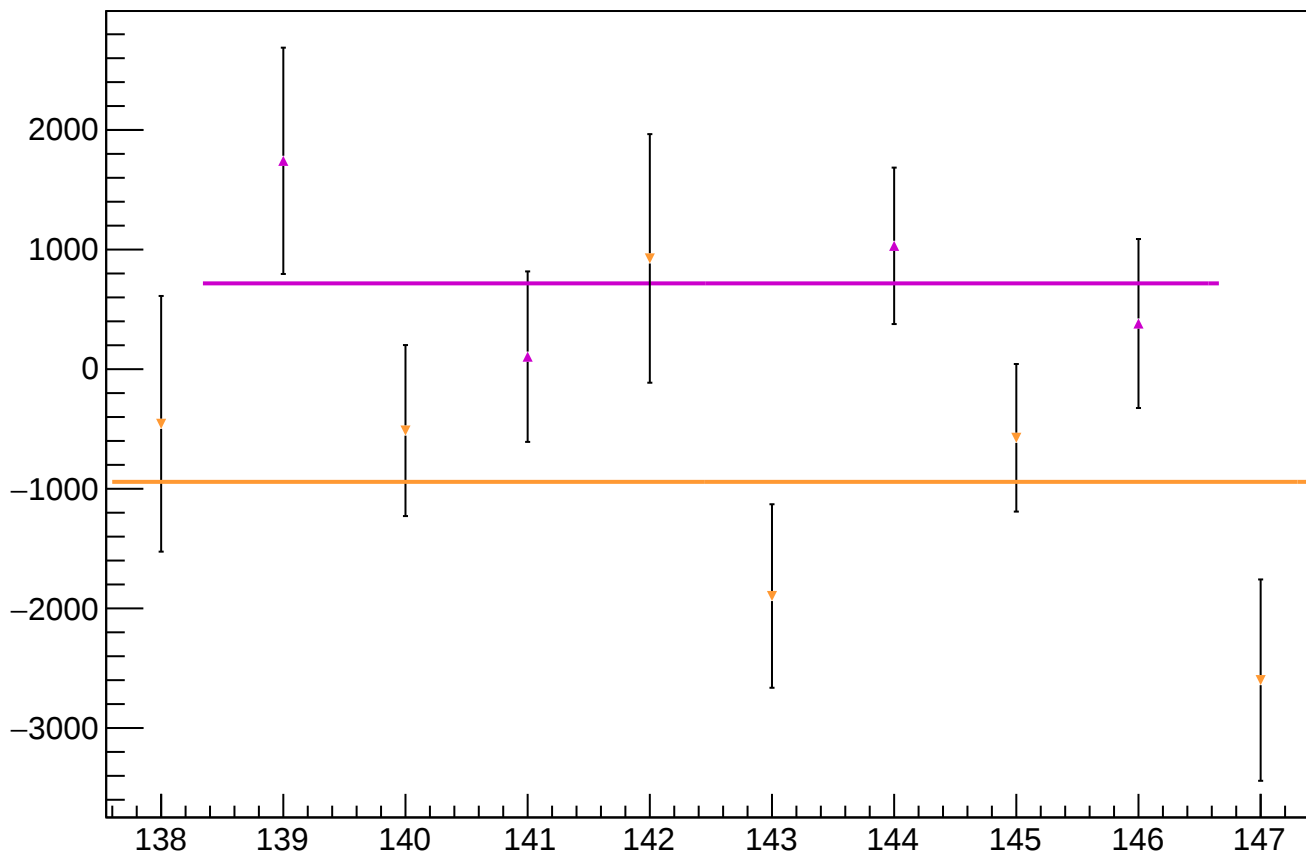
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 94.717 $\pm$ 0.022 χ^2 /NDF: 765625.5/20

Out: 91.286 $\pm$ 0.020 χ^2 /NDF: 1412050.9/23

All: 92.868 $\pm$ 0.015 χ^2 /NDF: 2191161.3/44

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: 717.385+/-366.911 χ^2/NDF : 2.4/3

Left: -213.679+/-243.083 χ^2/NDF : 23.4/9

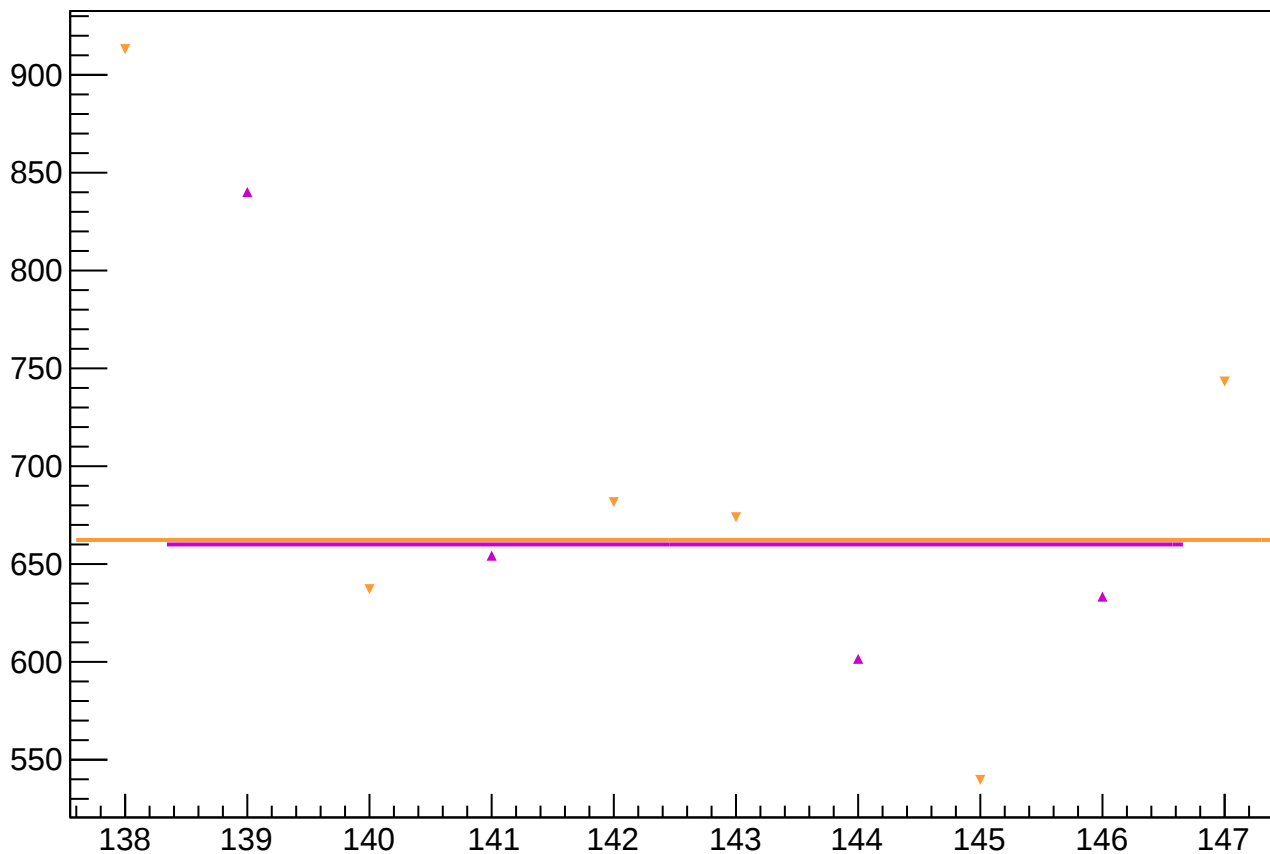
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 717.385+/-366.911 χ^2/NDF : 2.4/3

Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

All: -213.679+/-243.083 χ^2/NDF : 23.4/9

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 662.299+/-0.229 χ^2/NDF :211299.4/5

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

Left In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Left: 661.298+/-0.172 χ^2/NDF : 302811.9/9

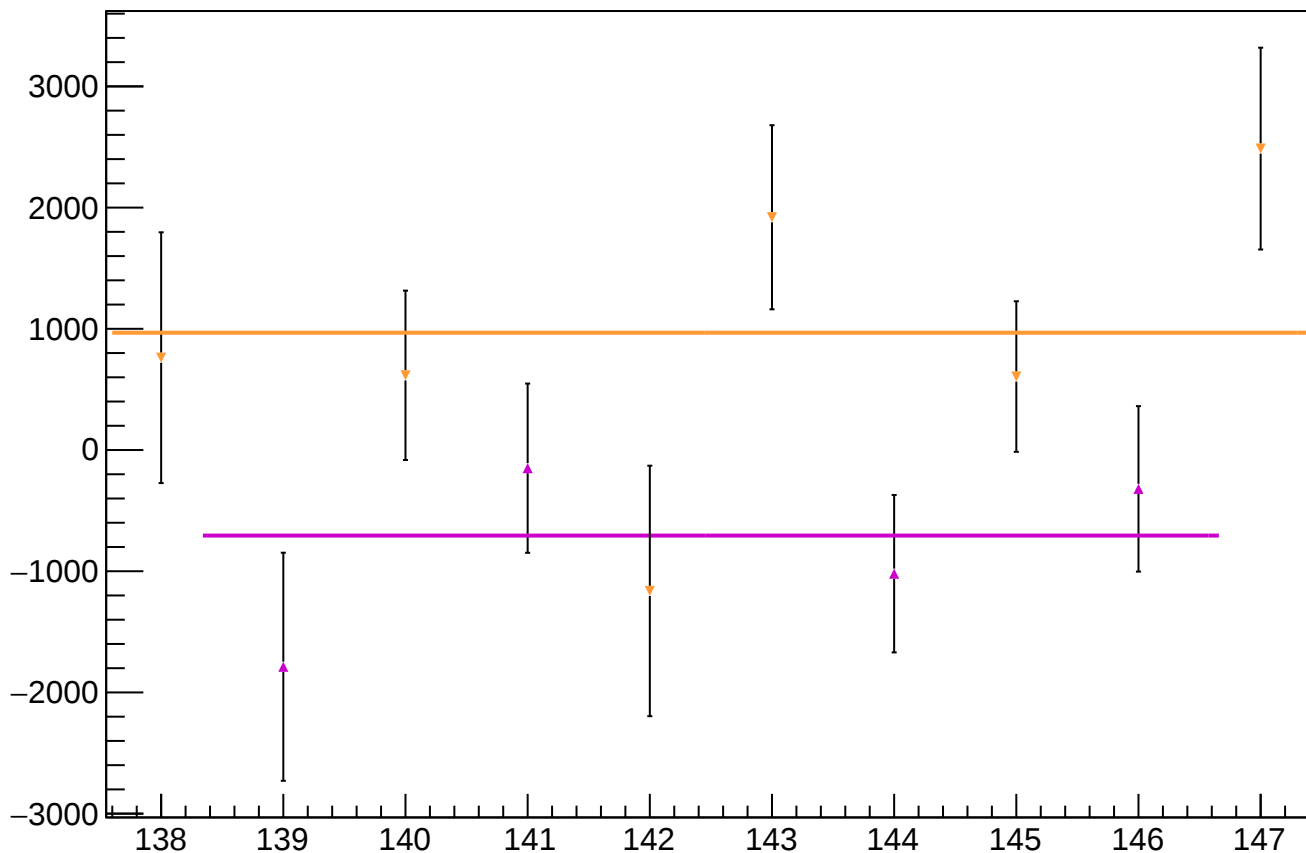
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Out: 662.299+/-0.229 χ^2/NDF :211299.4/5

All: 661.298+/-0.172 χ^2/NDF : 302811.9/9

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: -705.881+/-360.399 χ^2/NDF :2.5/3

Left: 226.556+/-239.822 χ^2/NDF : 24.3/9

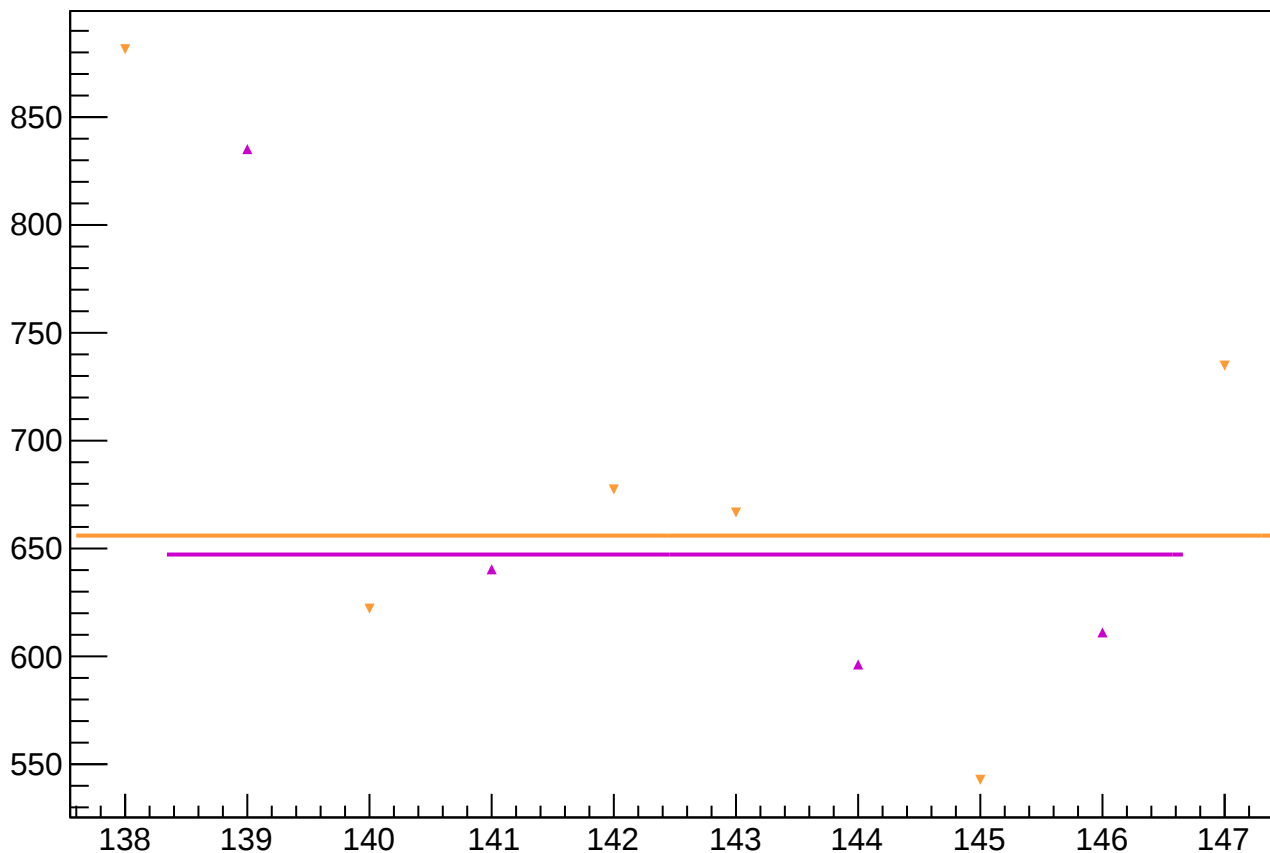
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -705.881+/-360.399 χ^2/NDF :2.5/3

Out: 967.562+/-321.281 χ^2/NDF :9.8/5

All: 226.556+/-239.822 χ^2/NDF : 24.3/9

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

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

Left In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Left: 652.103+/-0.170 χ^2/NDF : 283926.5/9

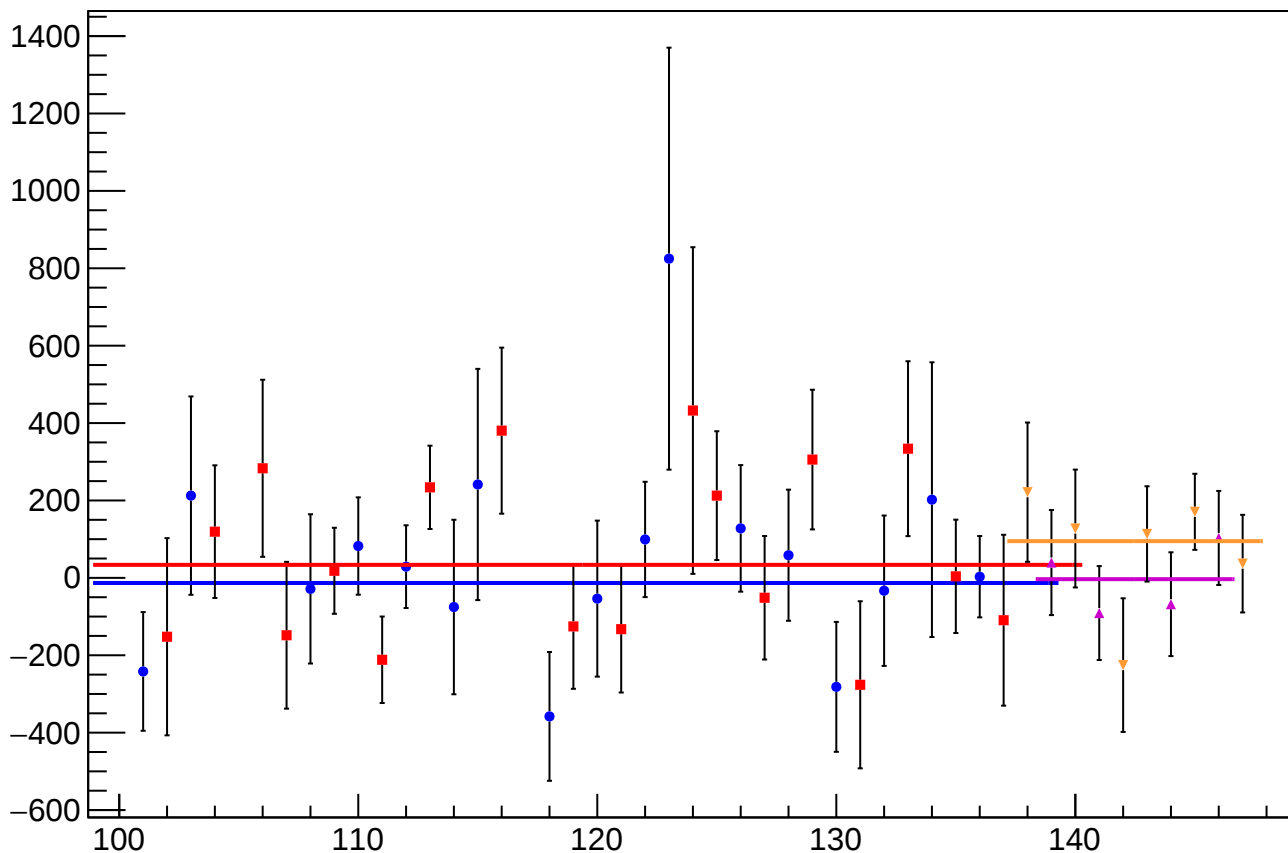
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

All: 652.103+/-0.170 χ^2/NDF : 283926.5/9

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: -3.355 ± 63.821 $\chi^2/\text{NDF}: 1.6/3$

Left: 53.690 ± 41.331 $\chi^2/\text{NDF}: 7.8/9$

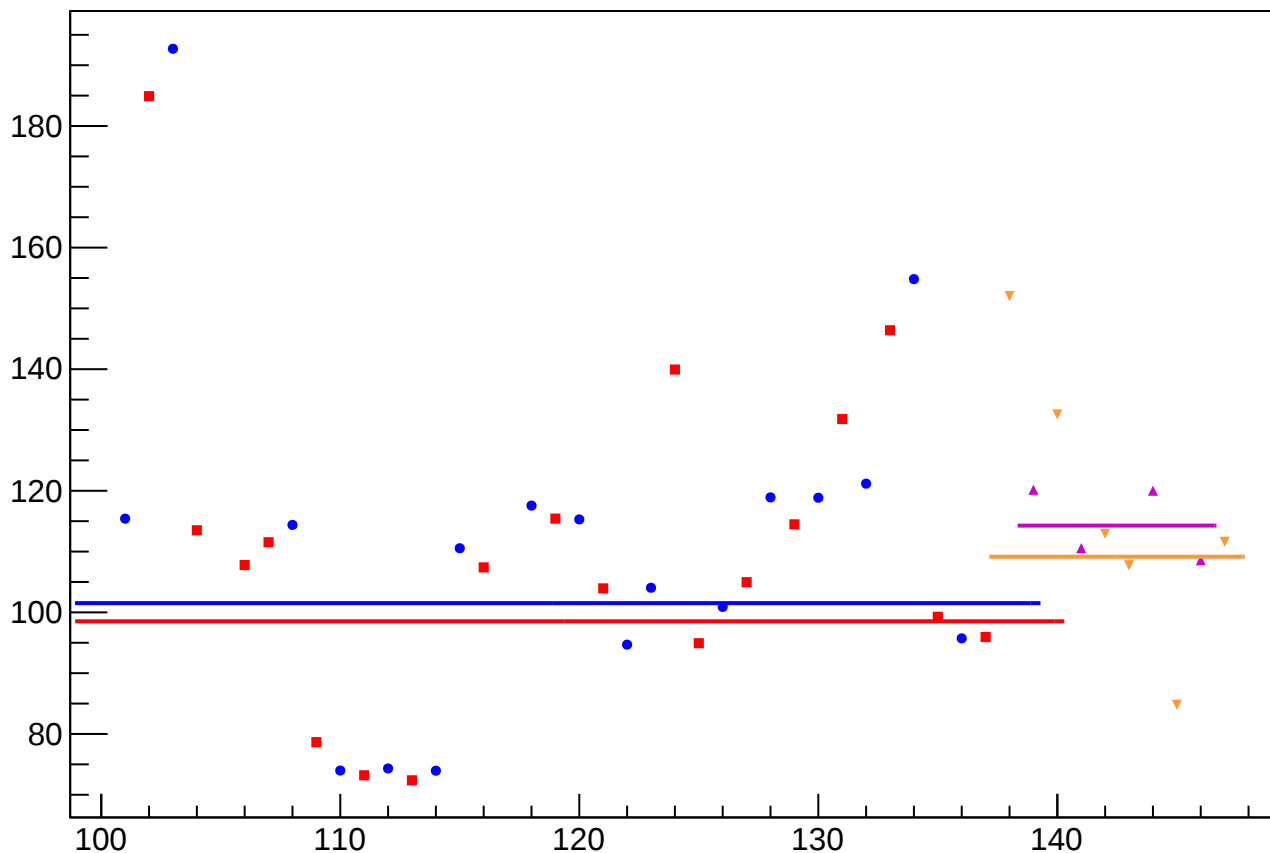
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: -10.379 ± 34.228 $\chi^2/\text{NDF}: 17.3/20$

Out: 54.436 ± 31.606 $\chi^2/\text{NDF}: 30.4/23$

All: 24.606 ± 23.221 $\chi^2/\text{NDF}: 49.6/44$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2/NDF : 681713.7/16

Left Out: 109.154 $\pm$ 0.038 χ^2/NDF : 285576.2/5

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 114.275 $\pm$ 0.045 χ^2/NDF : 13718.7/3

Left: 111.302 $\pm$ 0.029 χ^2/NDF : 306772.8/9

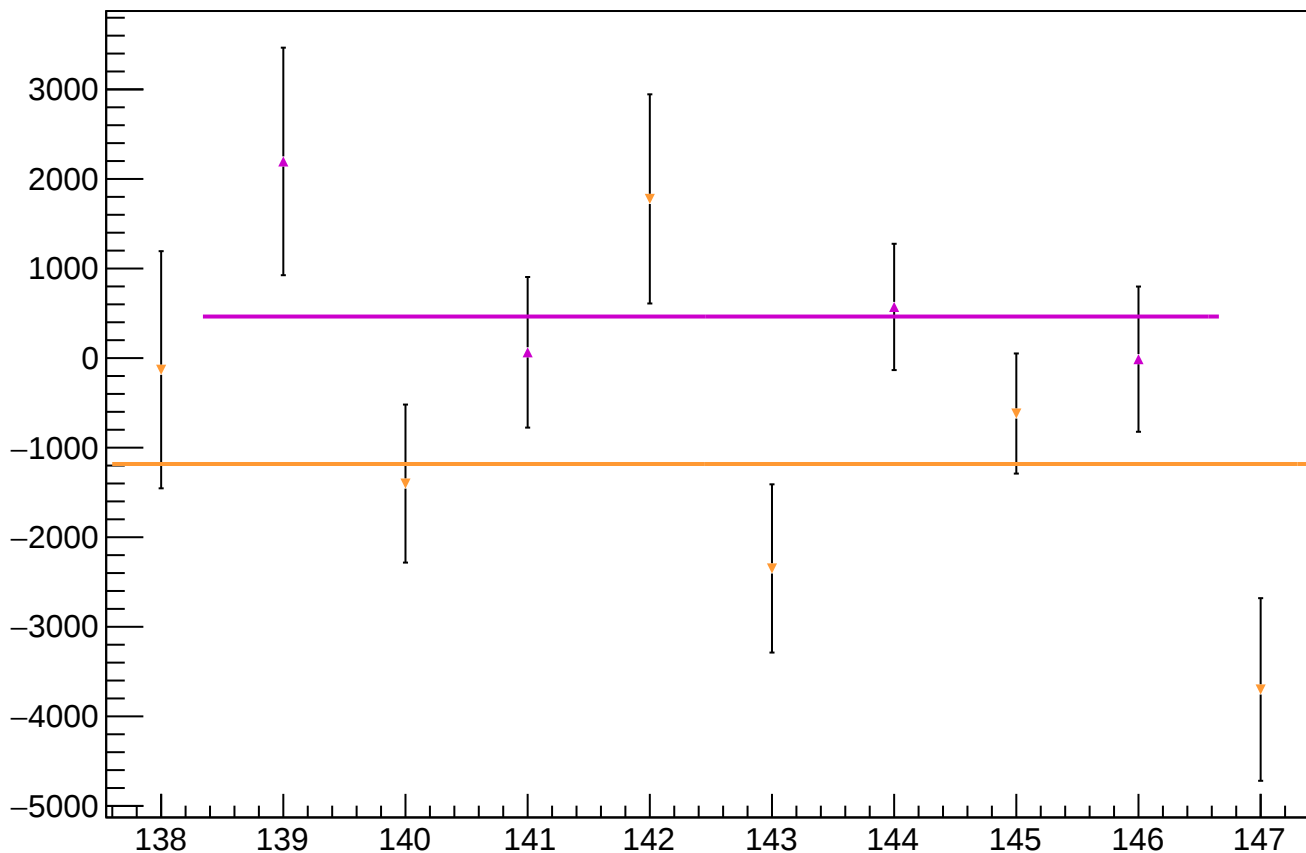
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 105.188 $\pm$ 0.024 χ^2/NDF : 752348.8/20

Out: 102.141 $\pm$ 0.022 χ^2/NDF : 1083164.7/23

All: 103.544 $\pm$ 0.016 χ^2/NDF : 1844066.6/44

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: 464.029+/-423.803 χ^2/NDF :2.5/3

Left: -447.635+/-283.114 χ^2/NDF : 26.3/9

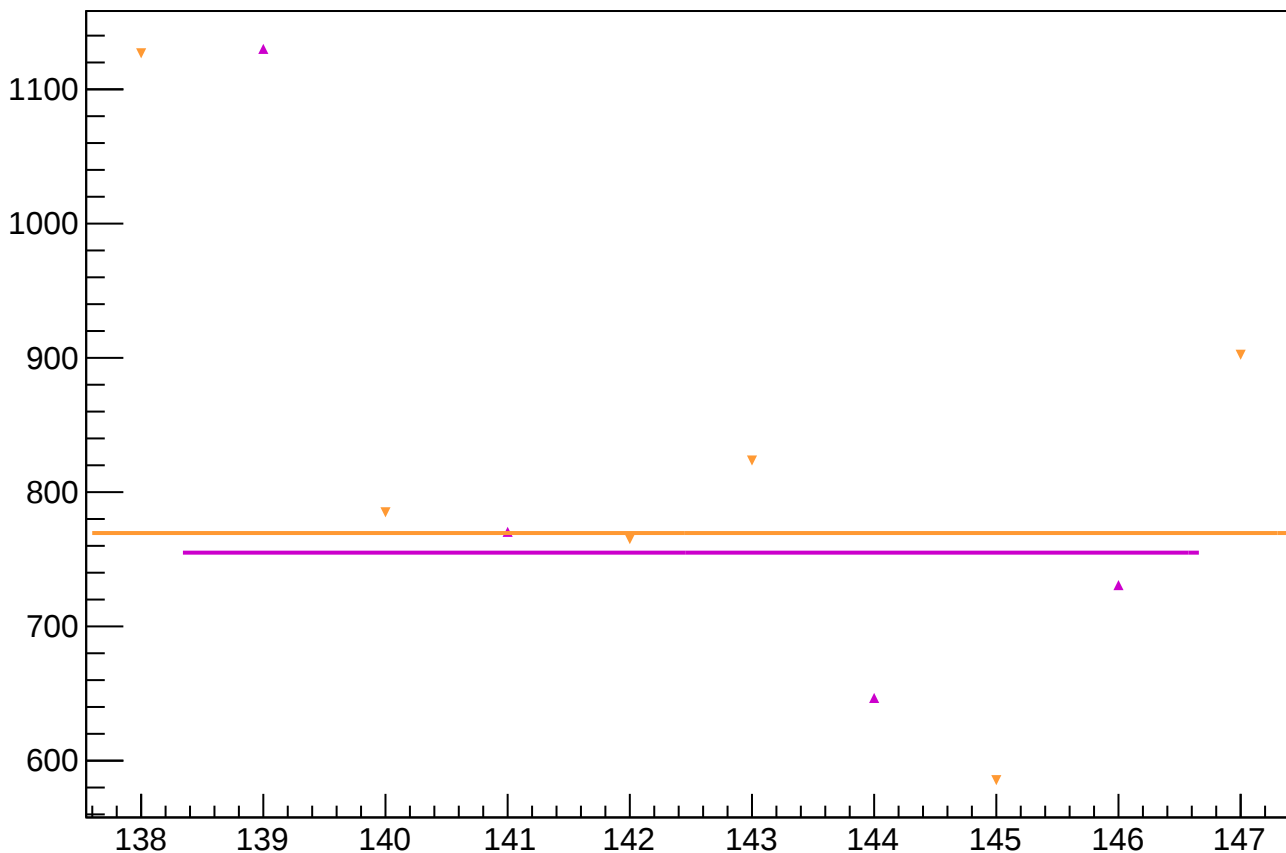
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 464.029+/-423.803 χ^2/NDF :2.5/3

Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

All: -447.635+/-283.114 χ^2/NDF : 26.3/9

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

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

Left In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Left: 763.021+/-0.200 χ^2/NDF : 562921.9/9

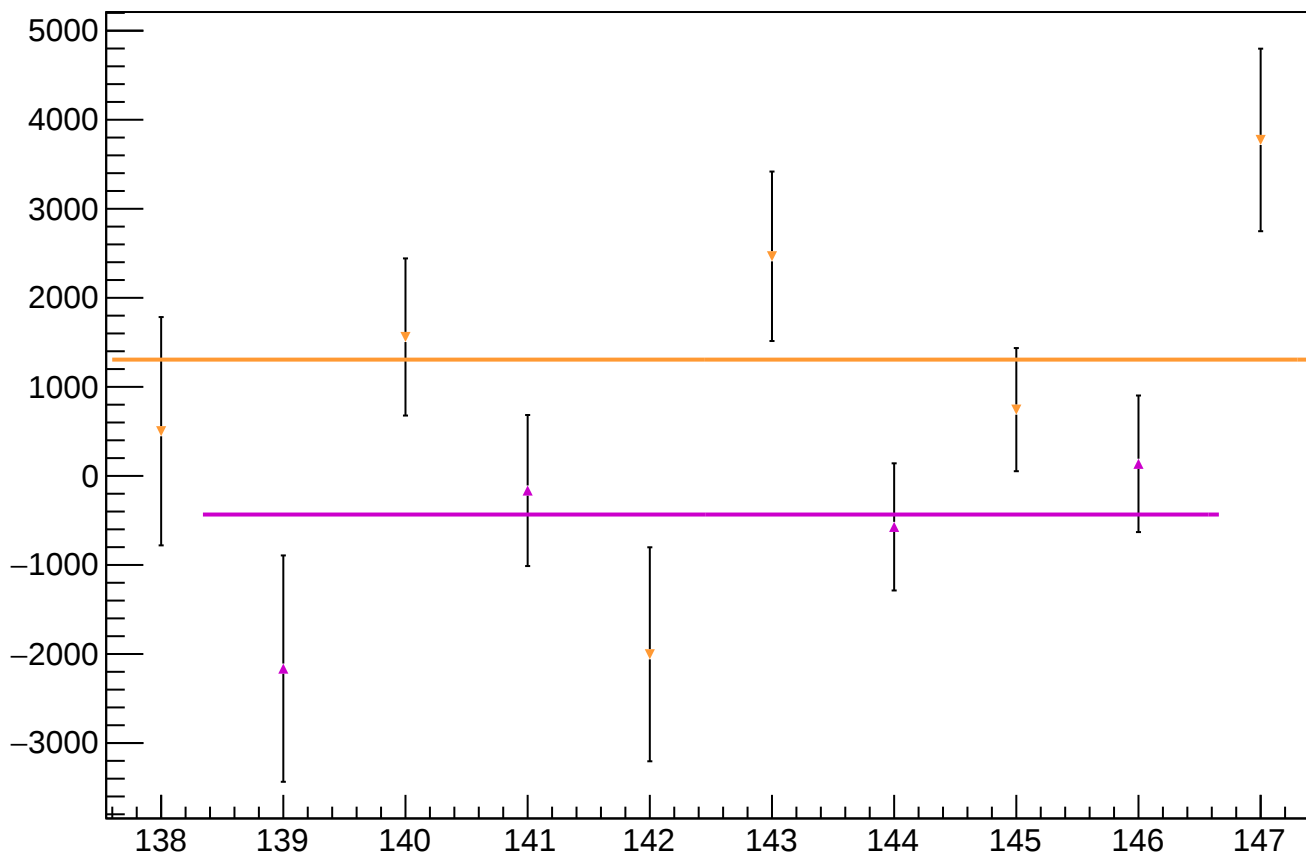
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

All: 763.021+/-0.200 χ^2/NDF : 562921.9/9

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: -433.621+/-419.944 χ^2/NDF :2.5/3

Left: 510.797+/-283.946 χ^2/NDF : 27.9/9

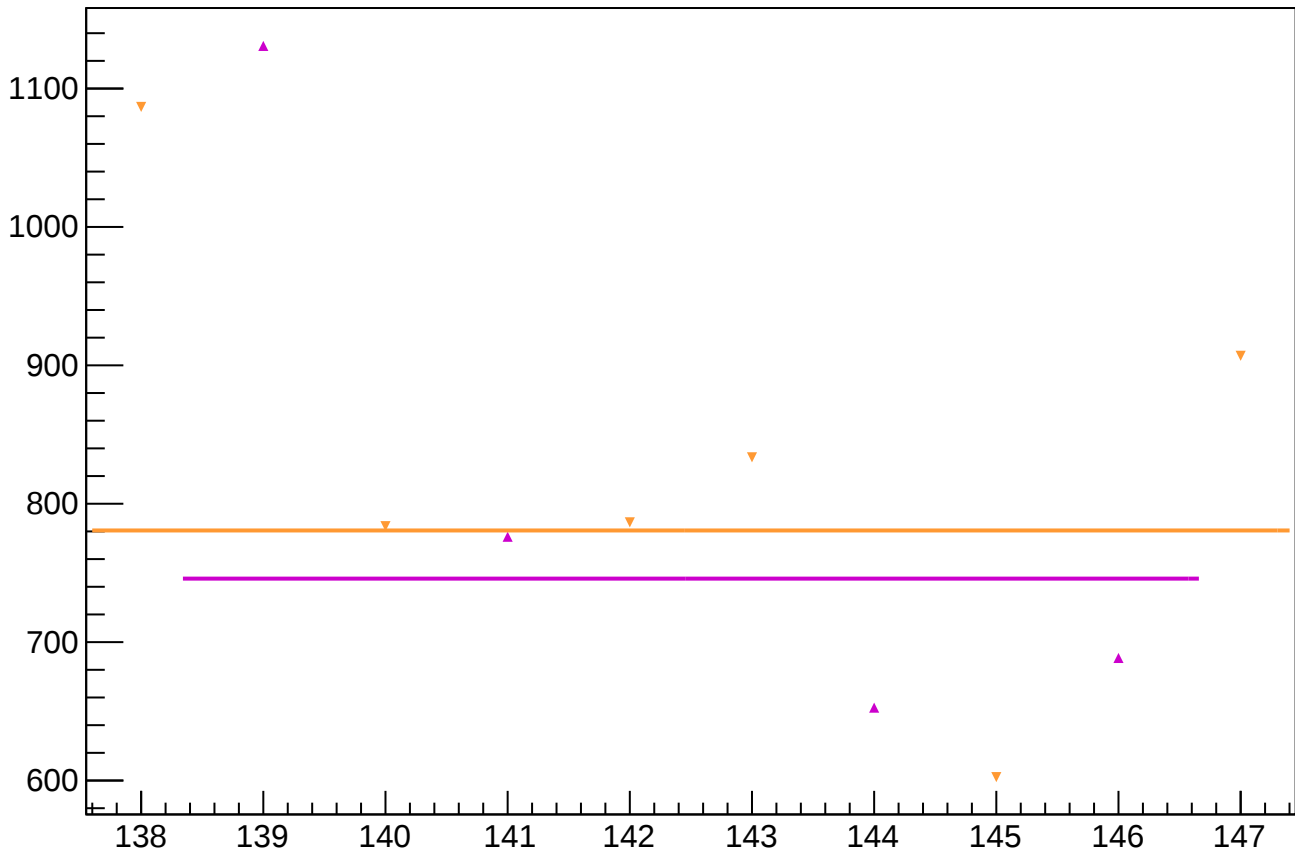
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -433.621+/-419.944 χ^2/NDF :2.5/3

Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

All: 510.797+/-283.946 χ^2/NDF : 27.9/9

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: 745.892+/-0.297 χ^2/NDF :231219.9/3

Left: 764.780+/-0.201 χ^2/NDF : 522069.4/9

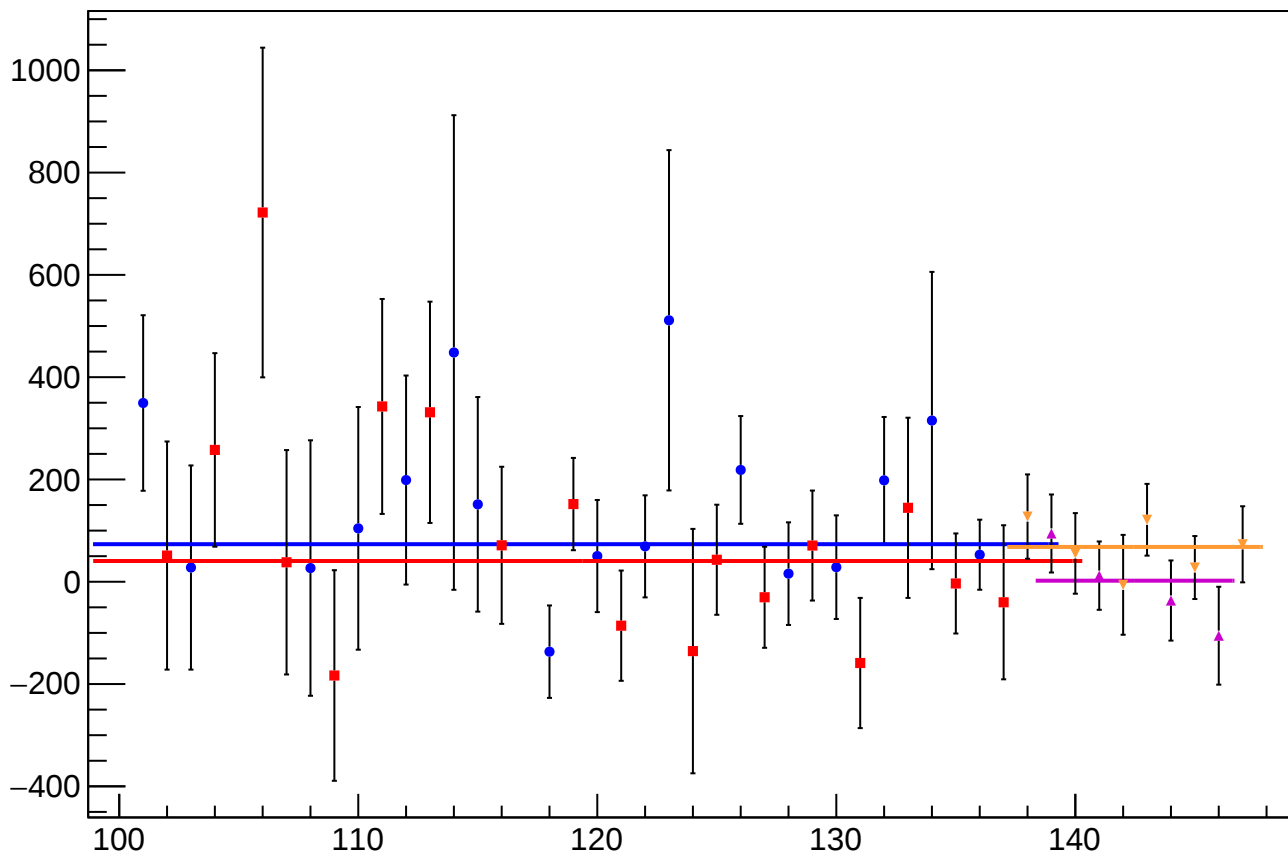
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

All: 764.780+/-0.201 χ^2/NDF : 522069.4/9

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: 2.090 $\pm$ 38.687 χ^2 /NDF: 3.0/3

Left: 42.584 $\pm$ 24.048 χ^2 /NDF: 6.9/9

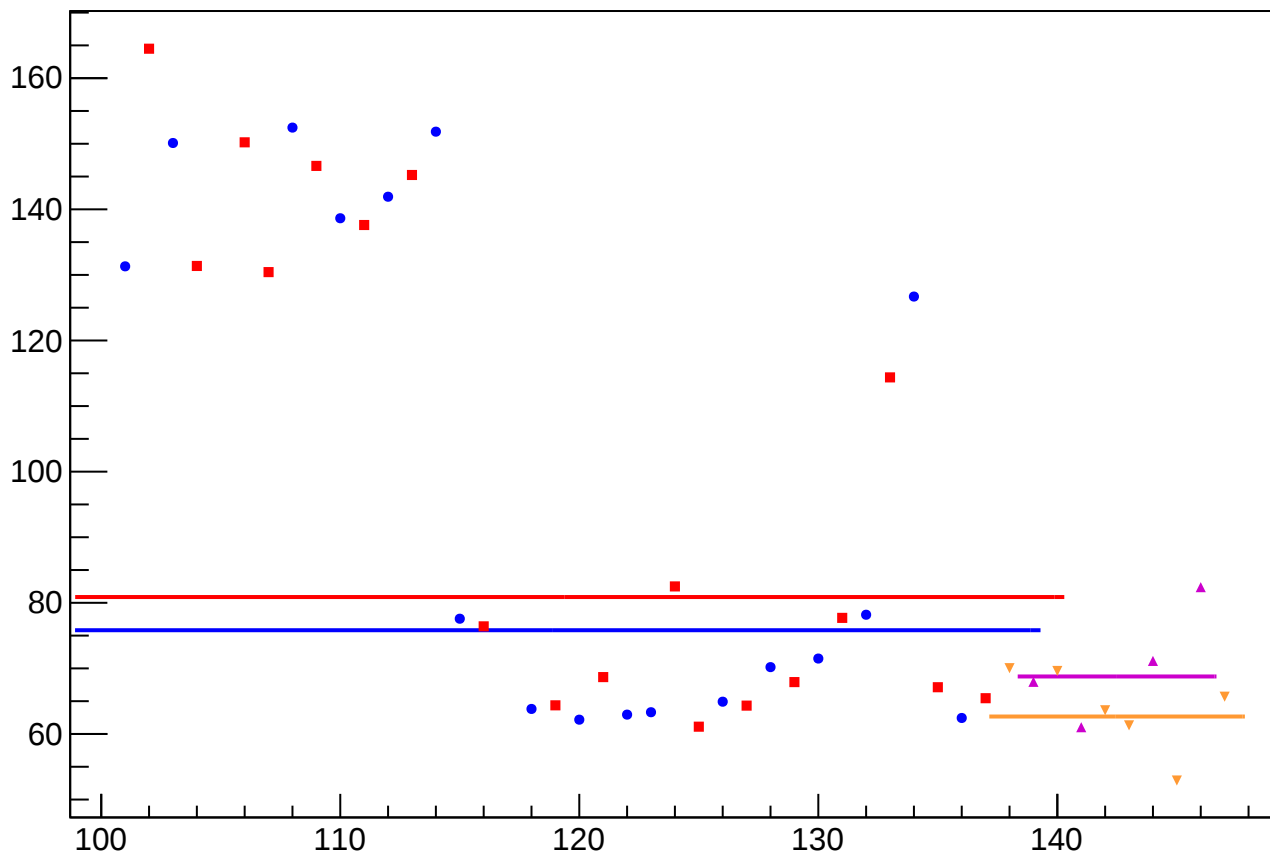
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 45.479 $\pm$ 24.220 χ^2 /NDF: 20.3/20

Out: 55.225 $\pm$ 22.396 χ^2 /NDF: 20.7/23

All: 50.732 $\pm$ 16.444 χ^2 /NDF: 41.1/44

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: 68.768 $\pm$ 0.027 χ^2/NDF : 69409.7/3

Left: 65.021 $\pm$ 0.017 χ^2/NDF : 186024.4/9

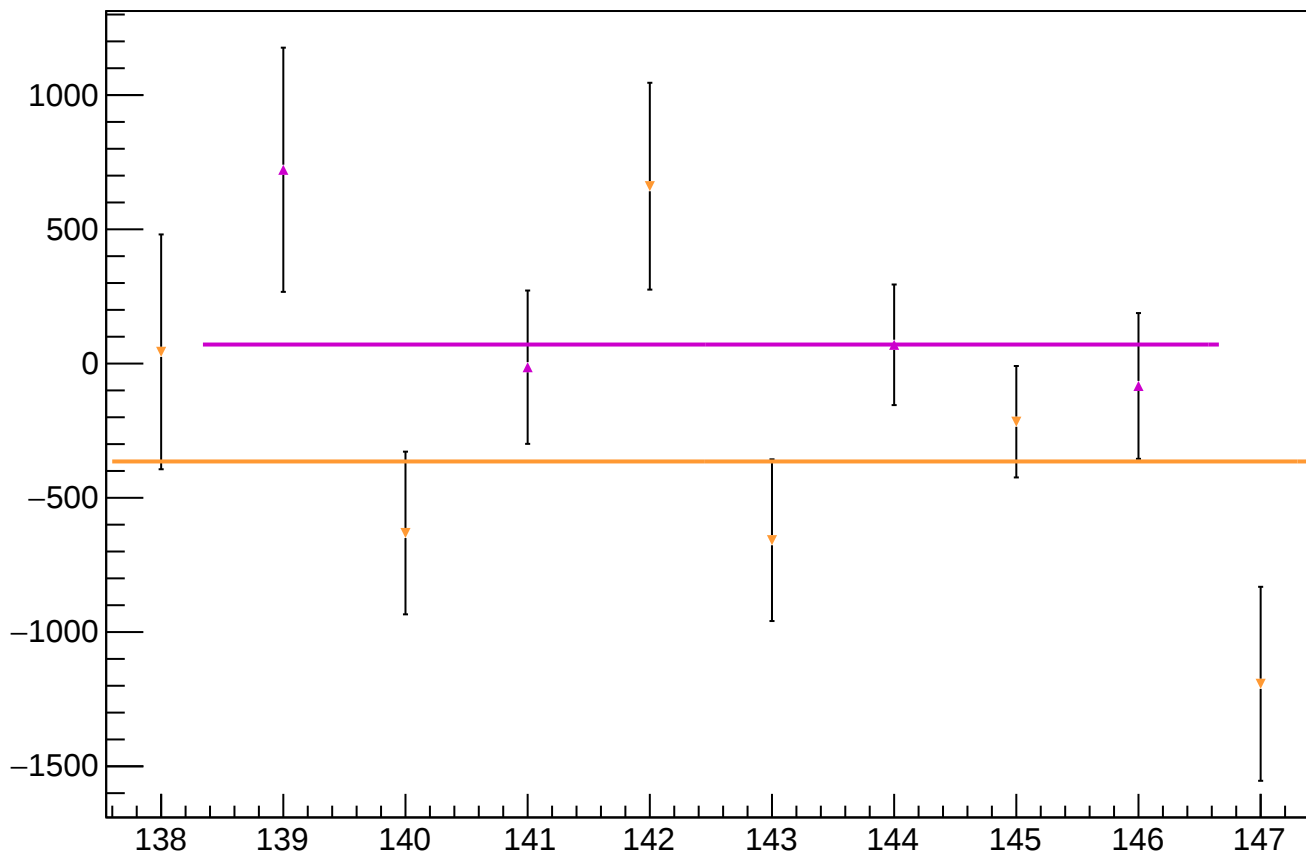
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 73.056 $\pm$ 0.017 χ^2/NDF : 1459780.2/20

Out: 71.185 $\pm$ 0.016 χ^2/NDF : 1941628.4/23

All: 72.047 $\pm$ 0.012 χ^2/NDF : 3407842.1/44

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: 70.882+/-140.724 χ^2/NDF :2.5/3

Left: -173.824+/-93.142 χ^2/NDF : 23.3/9

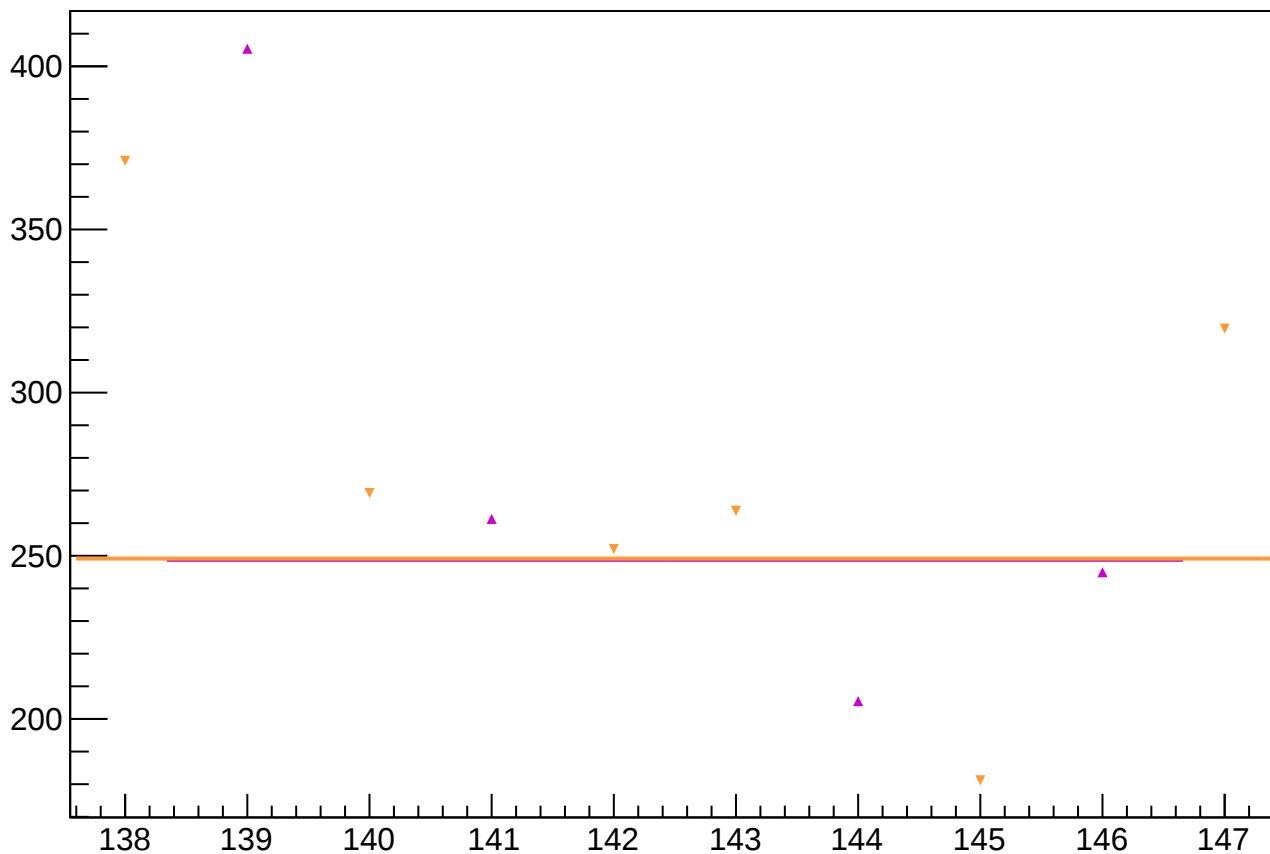
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.882+/-140.724 χ^2/NDF :2.5/3

Out: -364.604+/-124.254 χ^2/NDF :15.4/5

All: -173.824+/-93.142 χ^2/NDF : 23.3/9

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 249.143+/-0.088 χ^2/NDF :459631.5/5

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

Left In: 248.781+/-0.100 χ^2/NDF :315896.0/3

Left: 248.985+/-0.066 χ^2/NDF : 775534.9/9

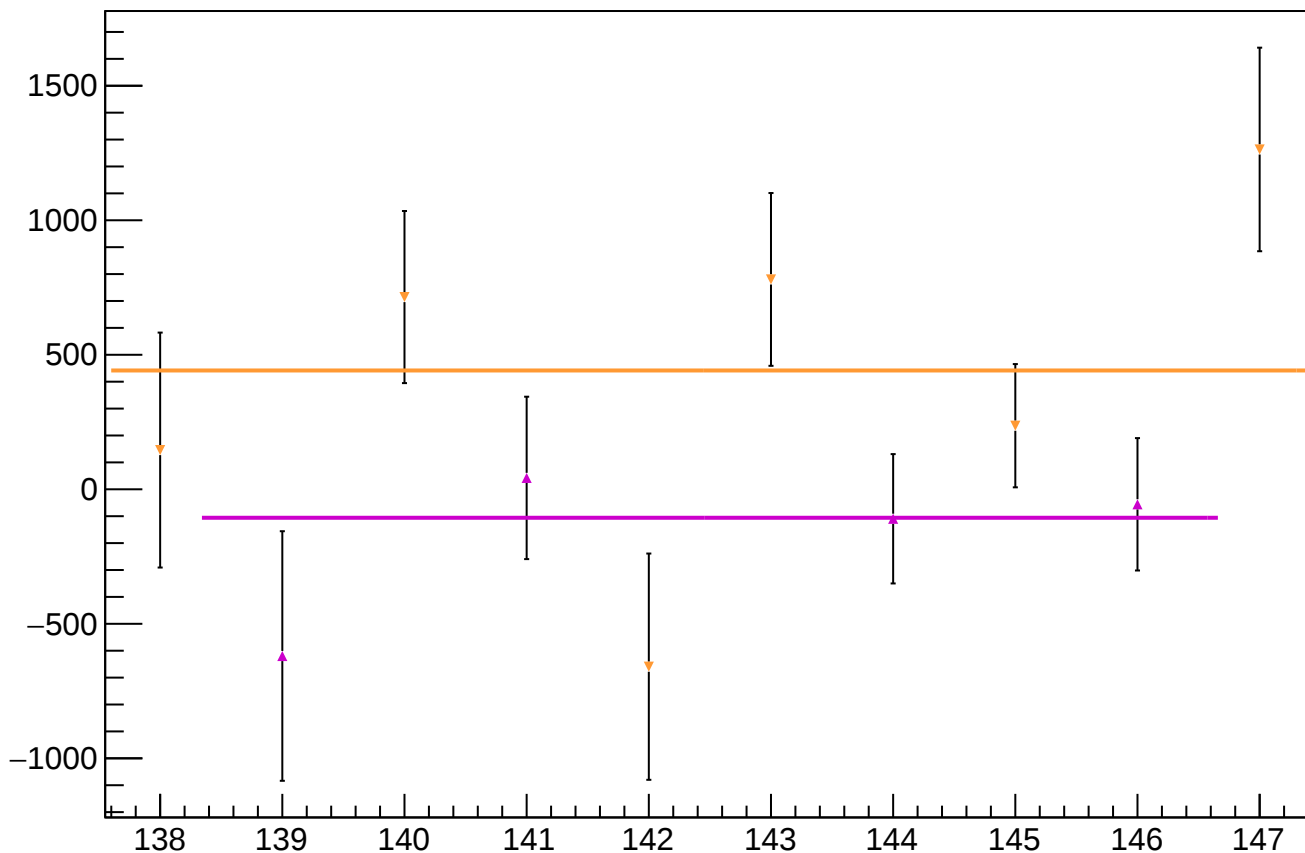
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.781+/-0.100 χ^2/NDF :315896.0/3

Out: 249.143+/-0.088 χ^2/NDF :459631.5/5

All: 248.985+/-0.066 χ^2/NDF : 775534.9/9

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: -105.829+/-142.213 χ^2/NDF :1.5/3

Left: 185.929+/-97.196 χ^2/NDF : 24.1/9

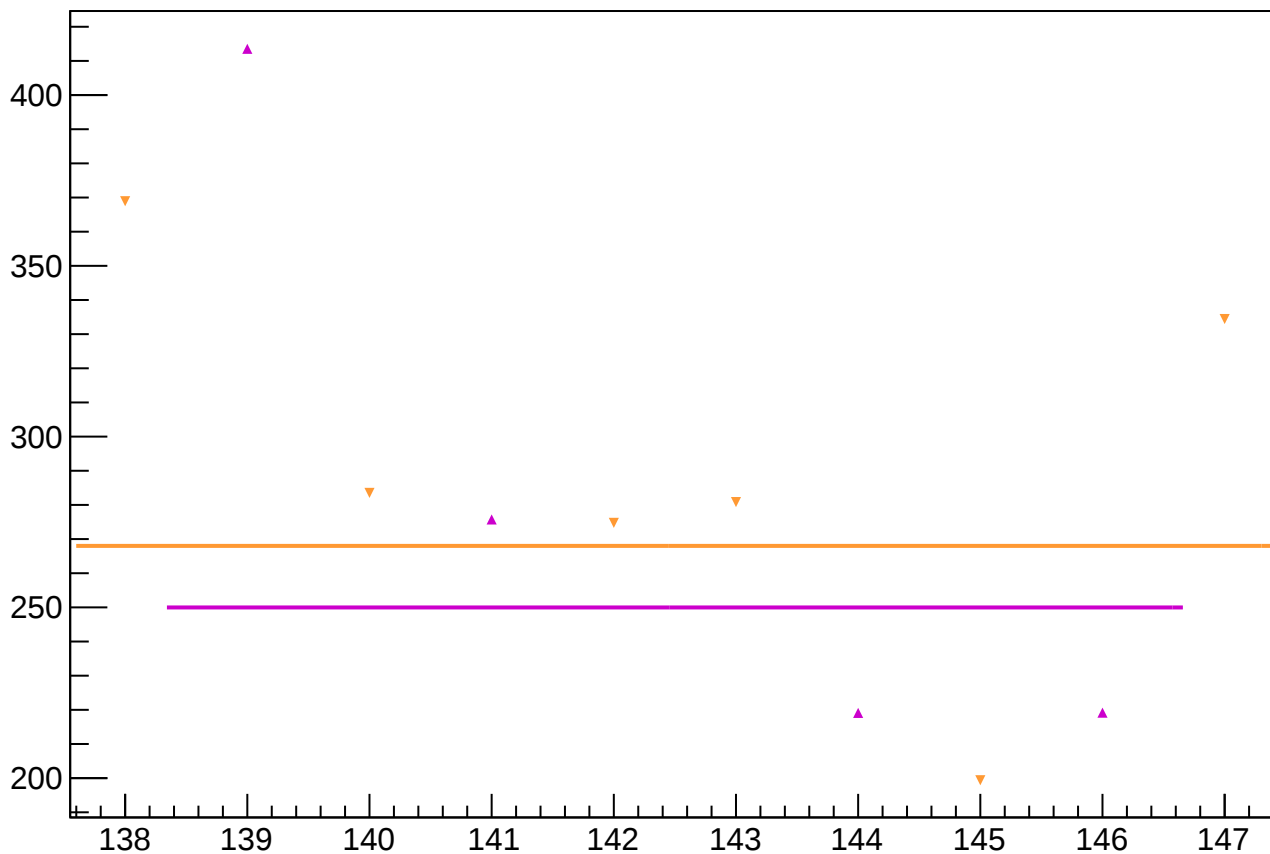
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.829+/-142.213 χ^2/NDF :1.5/3

Out: 441.672+/-133.146 χ^2/NDF :14.7/5

All: 185.929+/-97.196 χ^2/NDF : 24.1/9

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: 249.977+/-0.101 χ^2/NDF :327614.5/3

Left: 259.583+/-0.069 χ^2/NDF : 701050.0/9

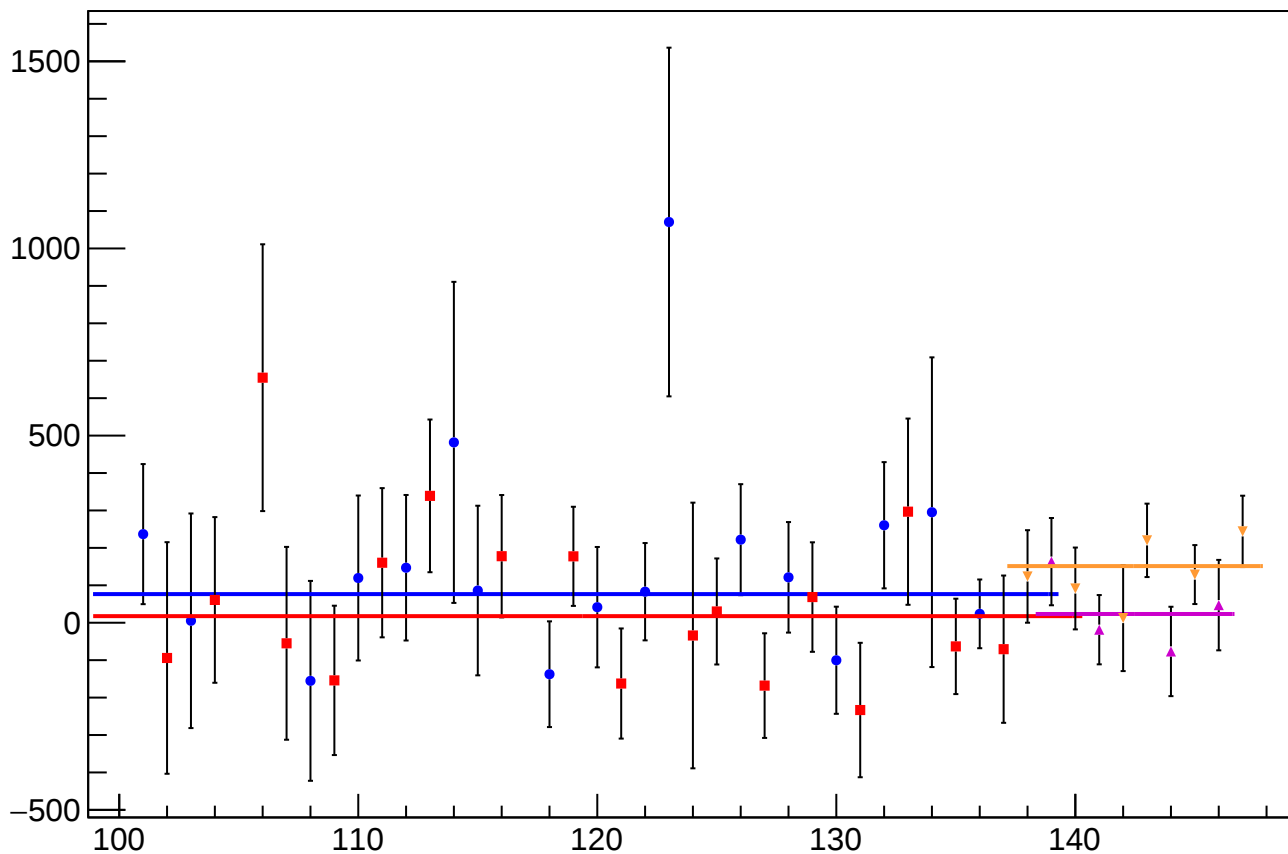
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

All: 259.583+/-0.069 χ^2/NDF : 701050.0/9

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: 23.355+/-55.138 χ^2/NDF : 2.4/3

Left: 104.716+/-33.277 χ^2/NDF : 8.6/9

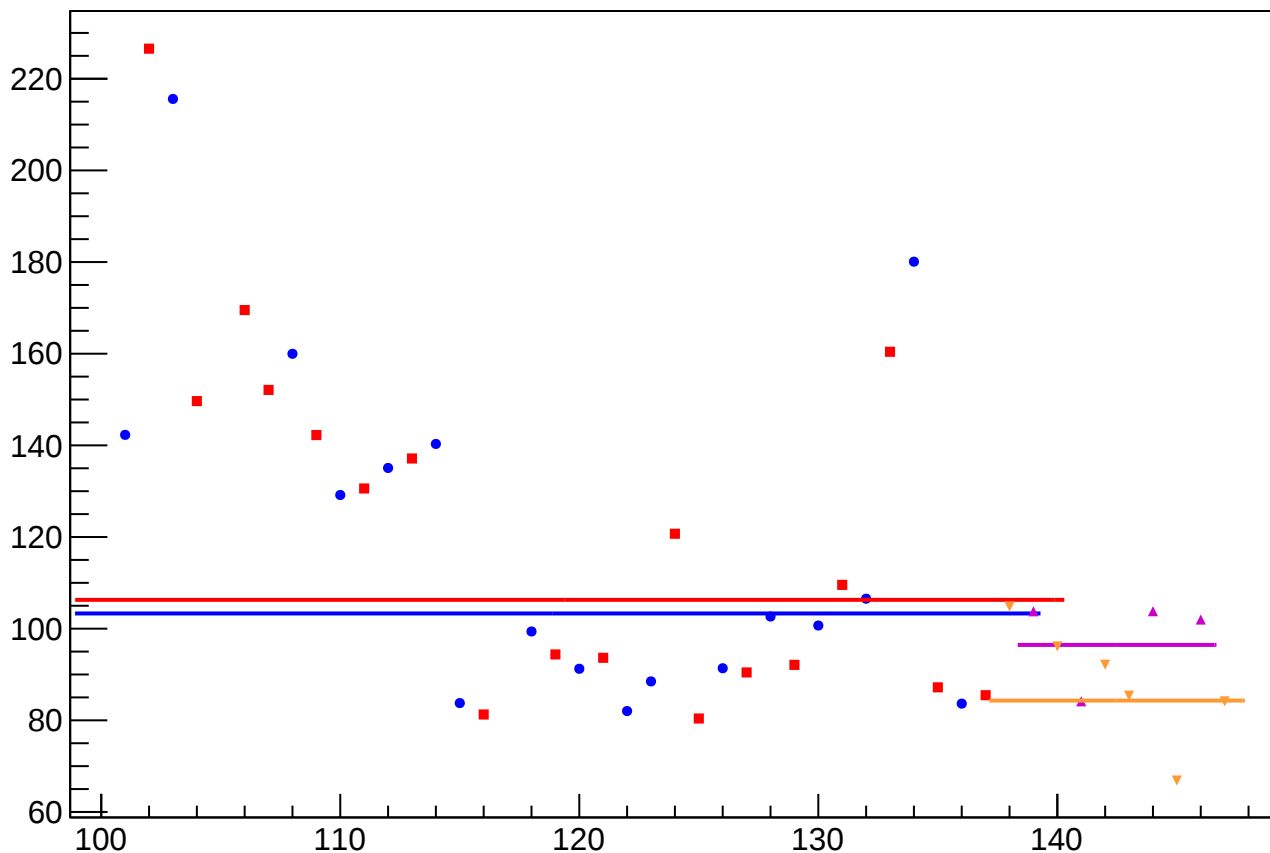
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 57.249+/-33.187 χ^2/NDF : 16.9/20

Out: 85.363+/-29.707 χ^2/NDF : 24.7/23

All: 72.857+/-22.135 χ^2/NDF : 42.0/44

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: 96.451 $\pm$ 0.039 χ^2 /NDF:55021.4/3

Left: 88.731 $\pm$ 0.024 χ^2 /NDF: 299648.2/9

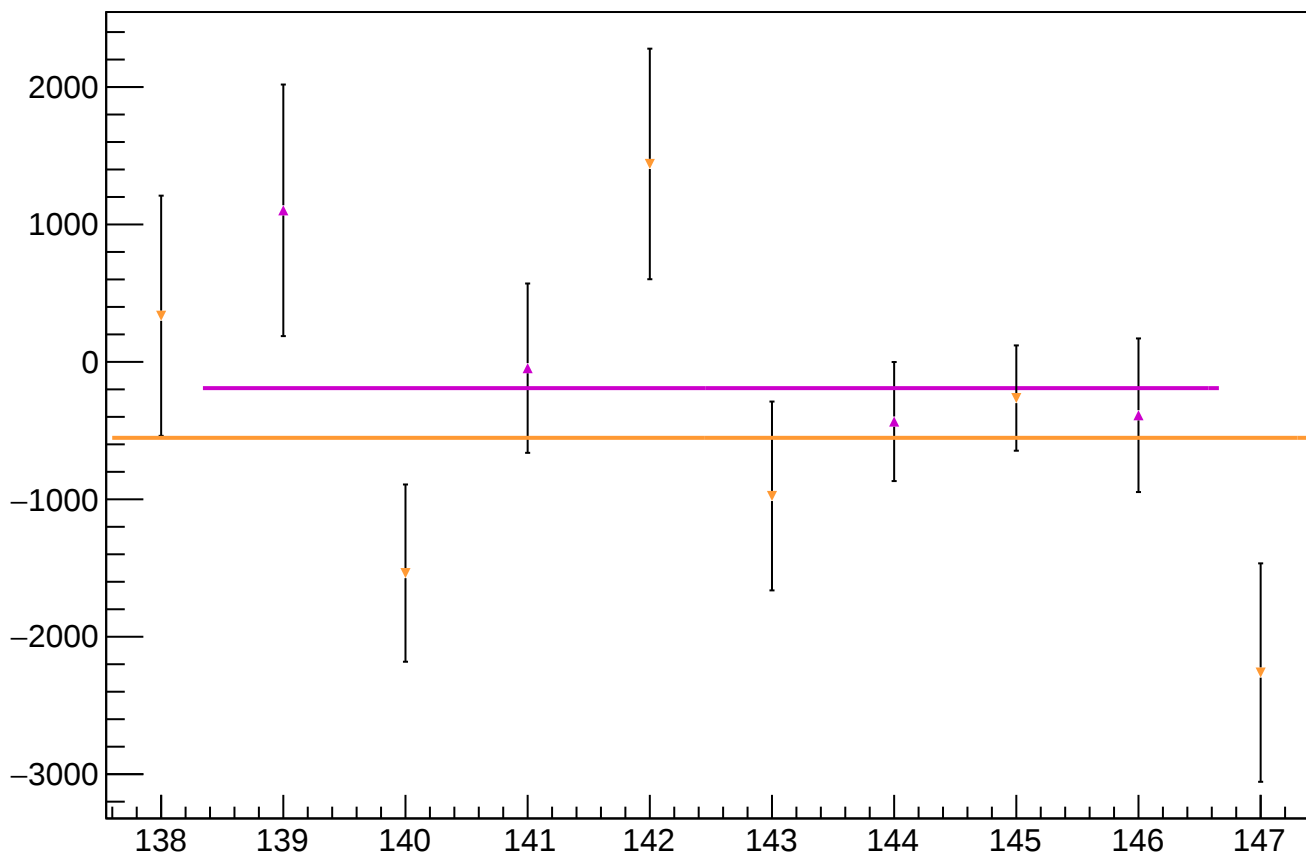
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.830 $\pm$ 0.023 χ^2 /NDF:912604.2/20

Out: 95.151 $\pm$ 0.021 χ^2 /NDF:1457333.8/23

All: 97.678 $\pm$ 0.016 χ^2 /NDF: 2402447.4/44

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: -190.939+/-284.450 χ^2/NDF :2.5/3

Left: -393.001+/-188.950 χ^2/NDF : 18.0/9

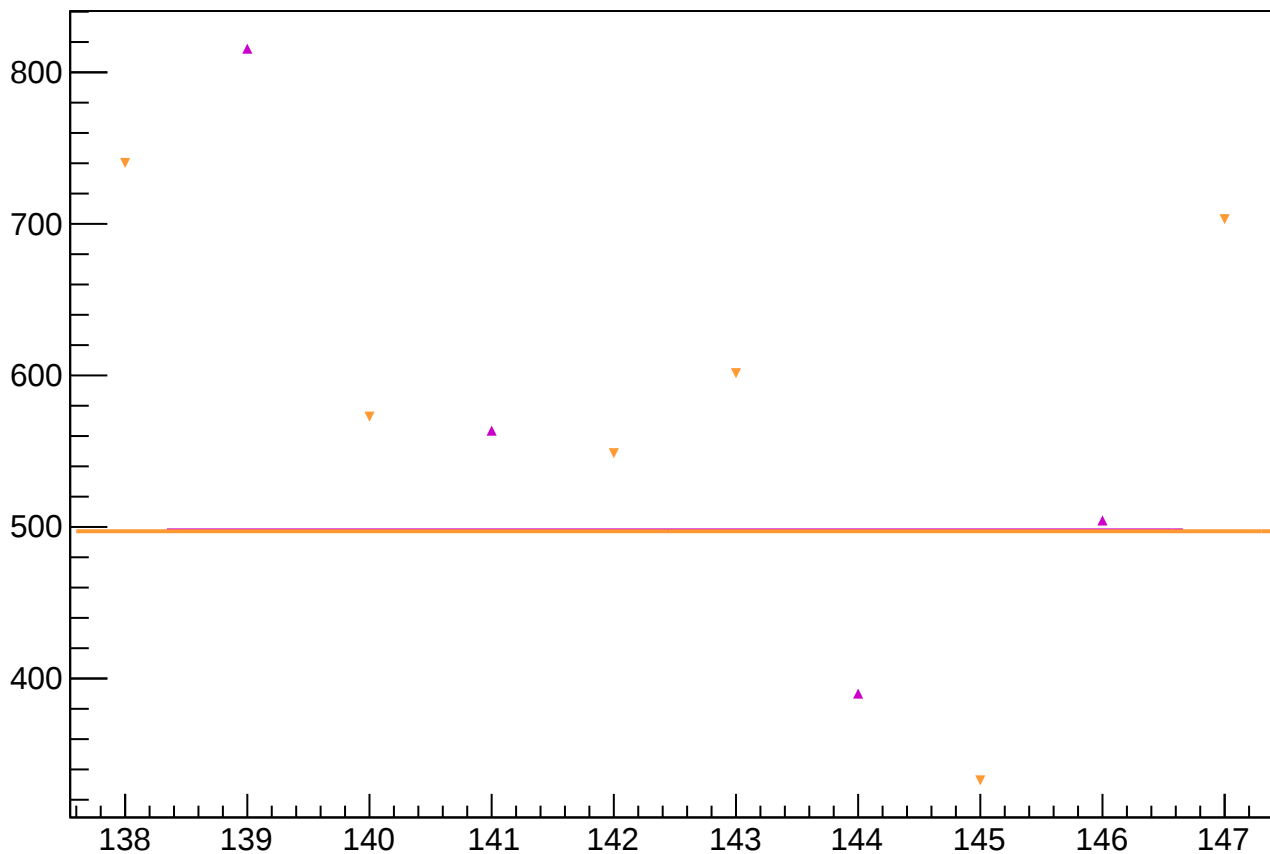
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -190.939+/-284.450 χ^2/NDF :2.5/3

Out: -552.571+/-252.777 χ^2/NDF :14.6/5

All: -393.001+/-188.950 χ^2/NDF : 18.0/9

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

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

Left In: 497.739+/-0.201 χ^2/NDF : 387957.4/3

Left: 497.420+/-0.134 χ^2/NDF : 1126266.8/9

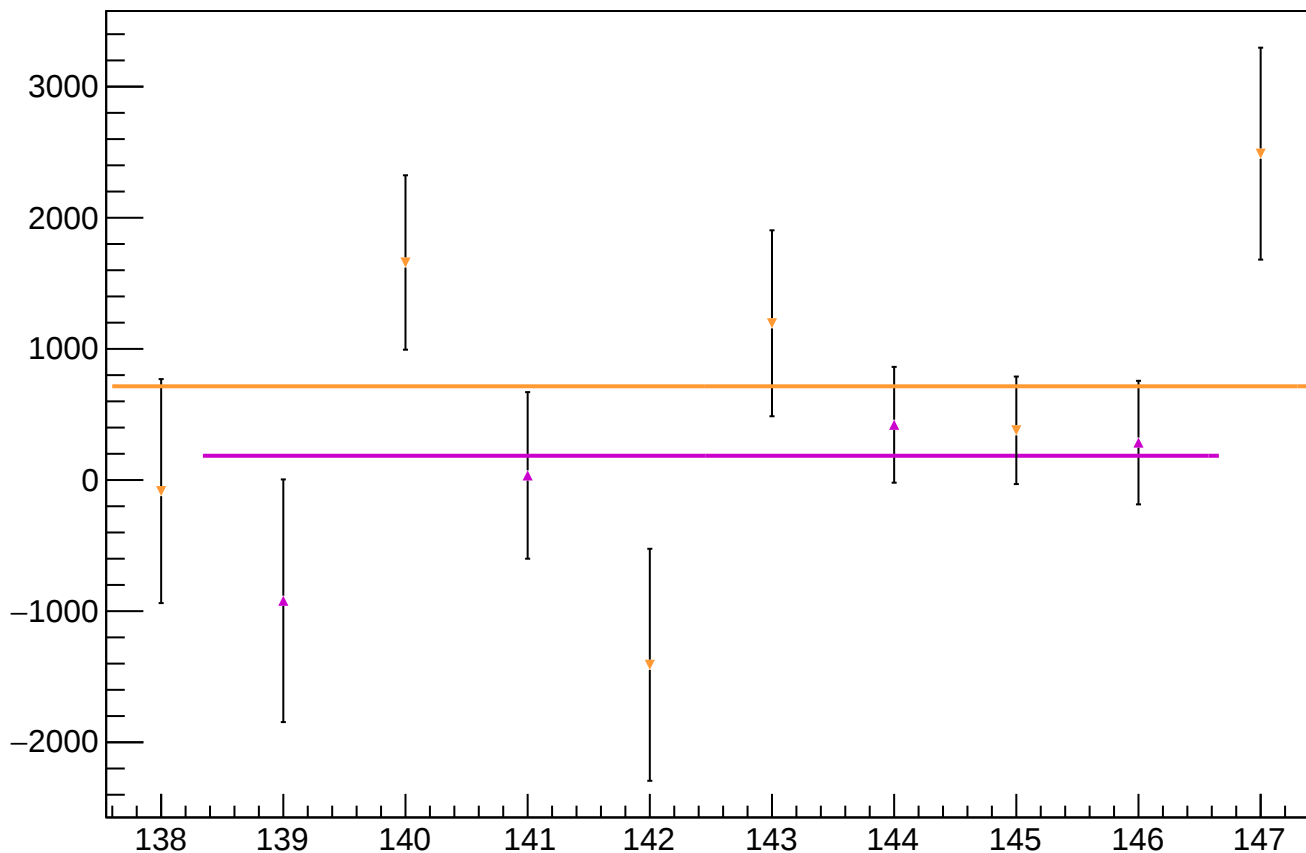
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 497.739+/-0.201 χ^2/NDF : 387957.4/3

Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

All: 497.420+/-0.134 χ^2/NDF : 1126266.8/9

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: 185.102+/-274.433 χ^2/NDF :1.8/3

Left: 460.503+/-190.155 χ^2/NDF : 18.4/9

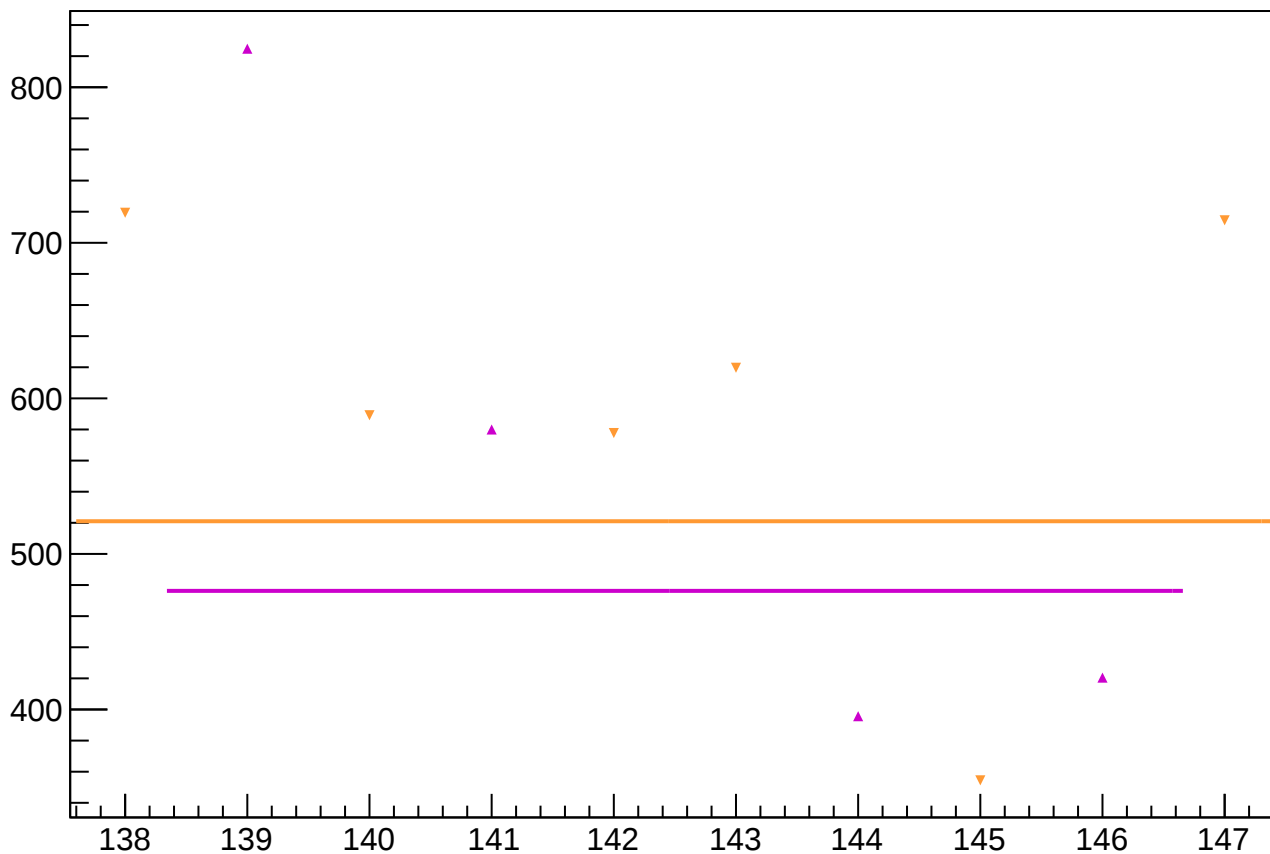
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 185.102+/-274.433 χ^2/NDF :1.8/3

Out: 714.835+/-263.727 χ^2/NDF :14.6/5

All: 460.503+/-190.155 χ^2/NDF : 18.4/9

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 521.013+/-0.186 χ^2/NDF :620409.6/5

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

Left In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Left: 499.520+/-0.134 χ^2/NDF : 1079776.6/9

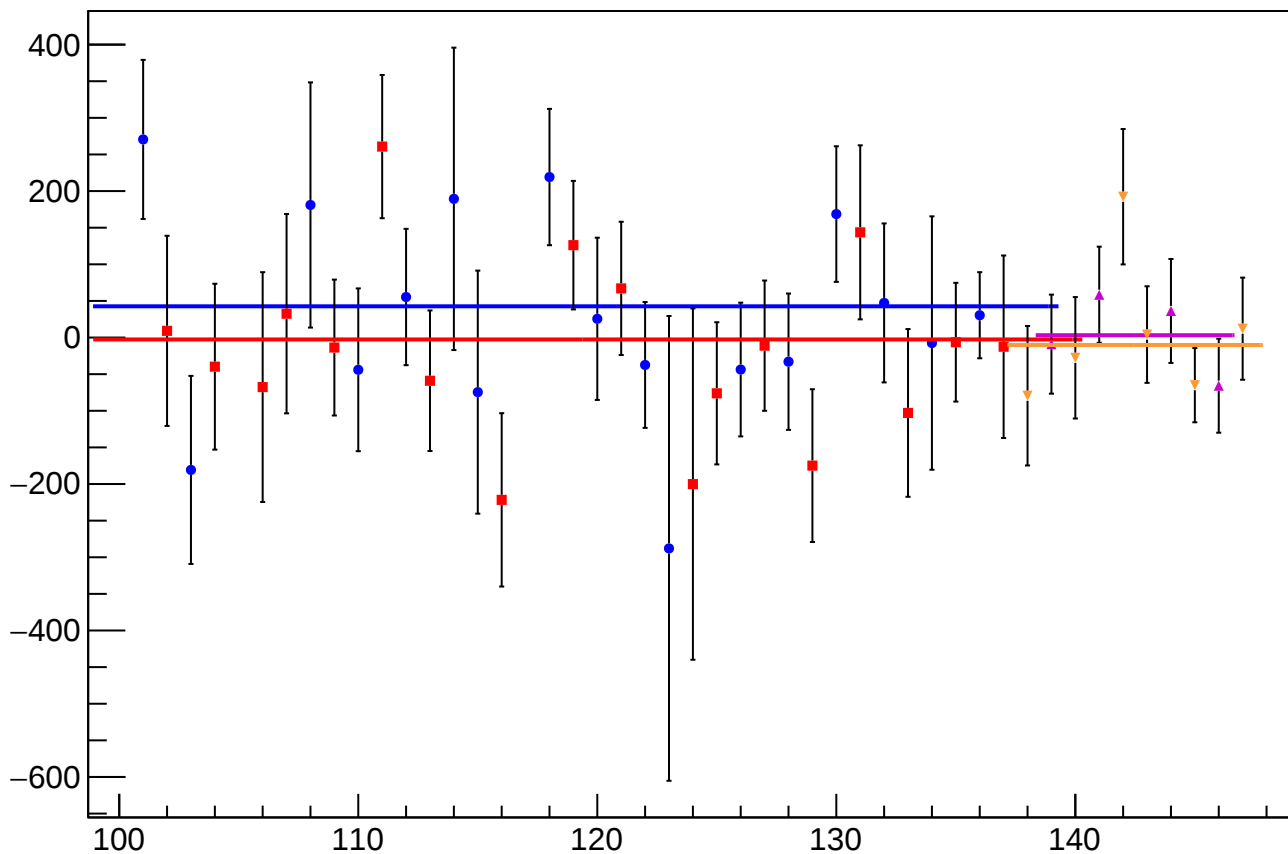
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Out: 521.013+/-0.186 χ^2/NDF :620409.6/5

All: 499.520+/-0.134 χ^2/NDF : 1079776.6/9

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: 3.193 $\pm$ 33.481 χ^2 /NDF:2.1/3

Left: -4.458 $\pm$ 21.875 χ^2 /NDF: 8.9/9

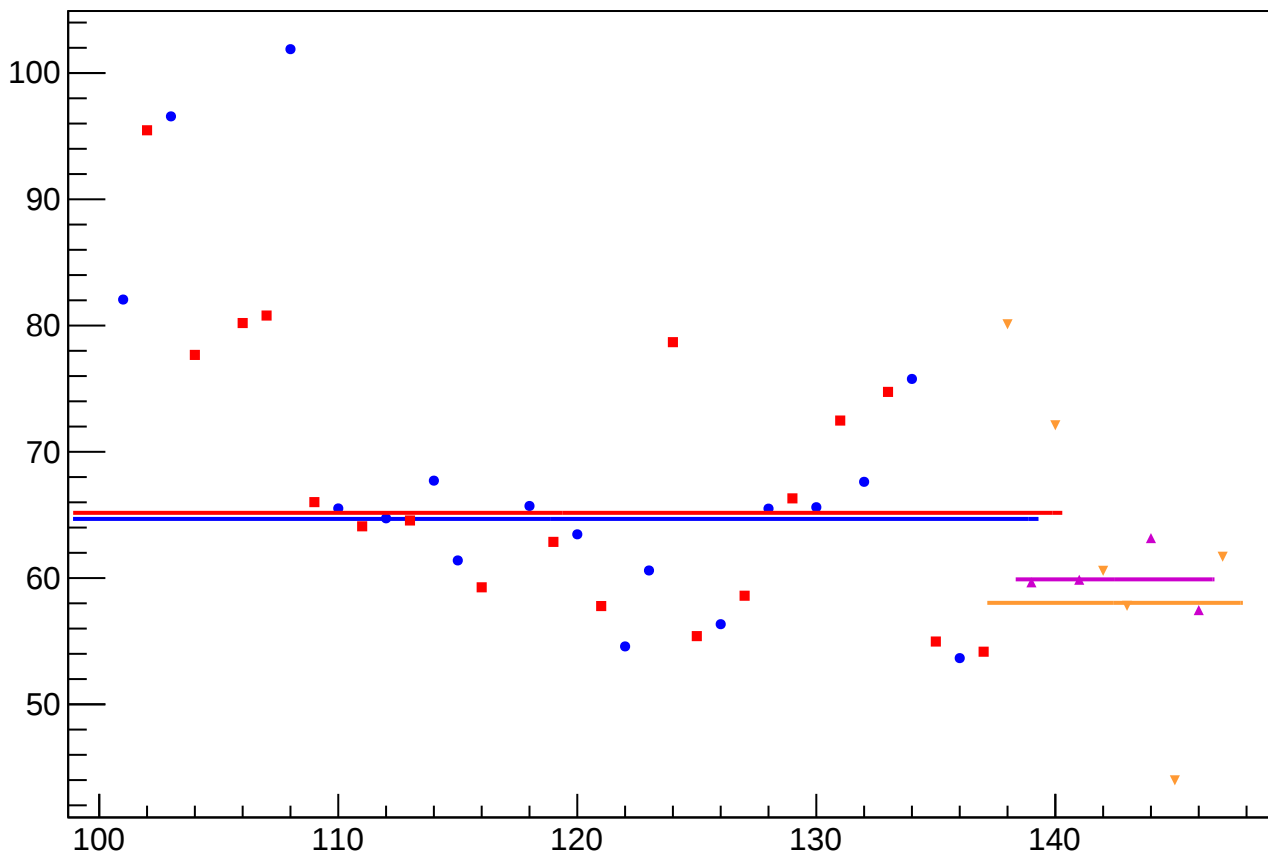
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 28.177 $\pm$ 20.279 χ^2 /NDF:21.8/20

Out: -5.834 $\pm$ 18.944 χ^2 /NDF:27.1/23

All: 10.015 $\pm$ 13.843 χ^2 /NDF: 50.5/44

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: 59.898 $\pm$ 0.024 χ^2 /NDF:7147.1/3

Left: 58.832 $\pm$ 0.015 χ^2 /NDF: 336484.1/9

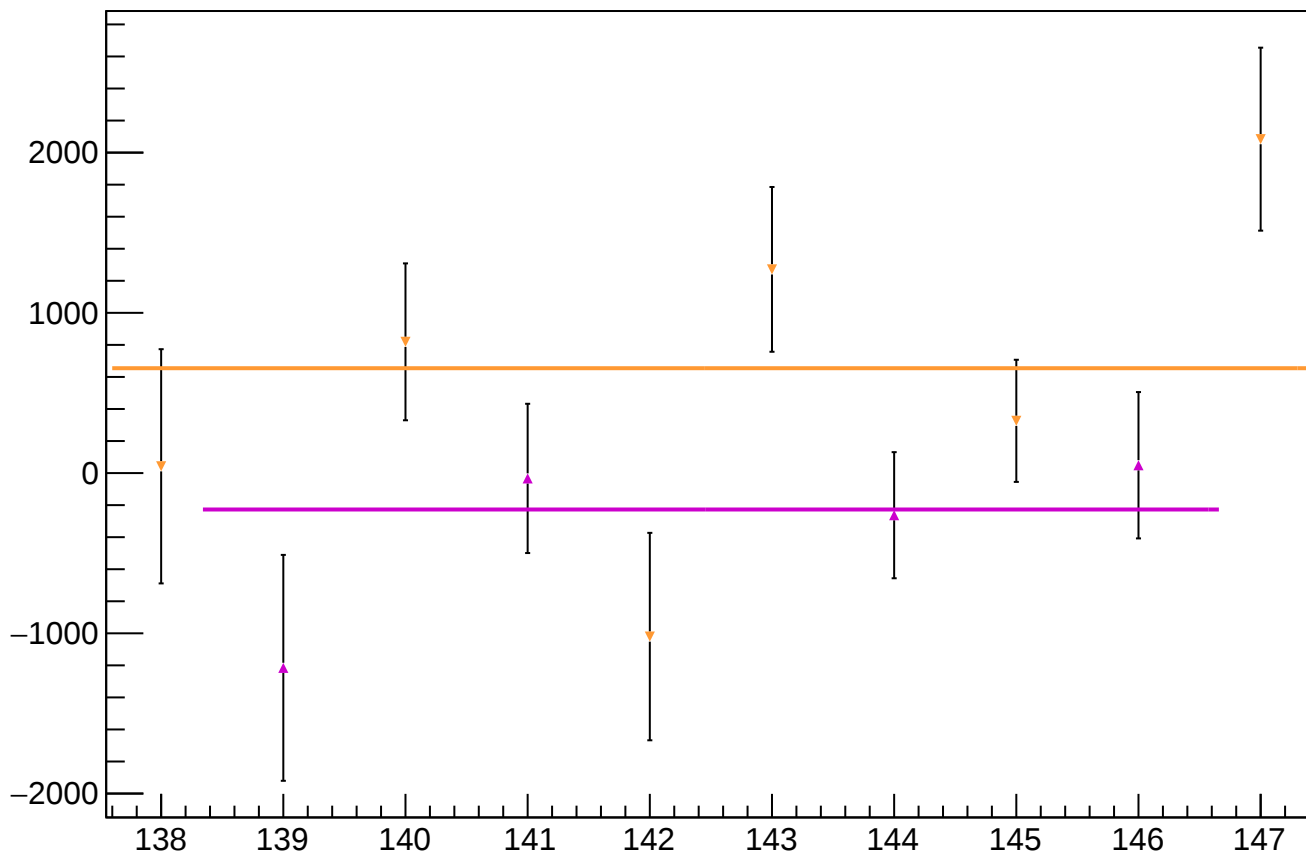
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 62.929 $\pm$ 0.014 χ^2 /NDF:433224.8/20

Out: 62.103 $\pm$ 0.013 χ^2 /NDF:699799.4/23

All: 62.488 $\pm$ 0.010 χ^2 /NDF: 1134796.9/44

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: -227.276+/-236.524 χ^2/NDF :2.5/3

Left: 260.836+/-158.034 χ^2/NDF : 26.2/9

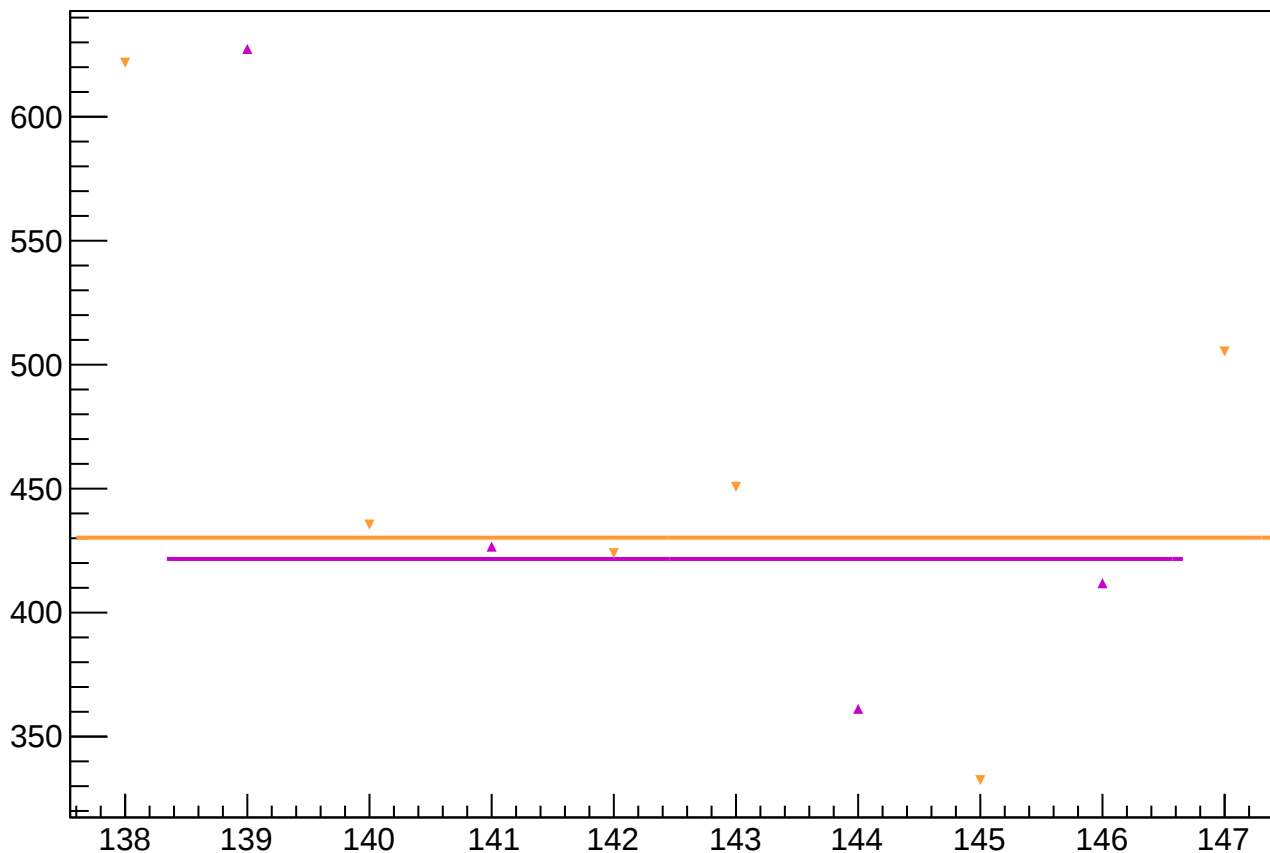
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -227.276+/-236.524 χ^2/NDF :2.5/3

Out: 654.470+/-212.404 χ^2/NDF :16.0/5

All: 260.836+/-158.034 χ^2/NDF : 26.2/9

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 430.245+/-0.150 χ^2/NDF :307293.8/5

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

Left In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Left: 426.403+/-0.112 χ^2/NDF : 527441.0/9

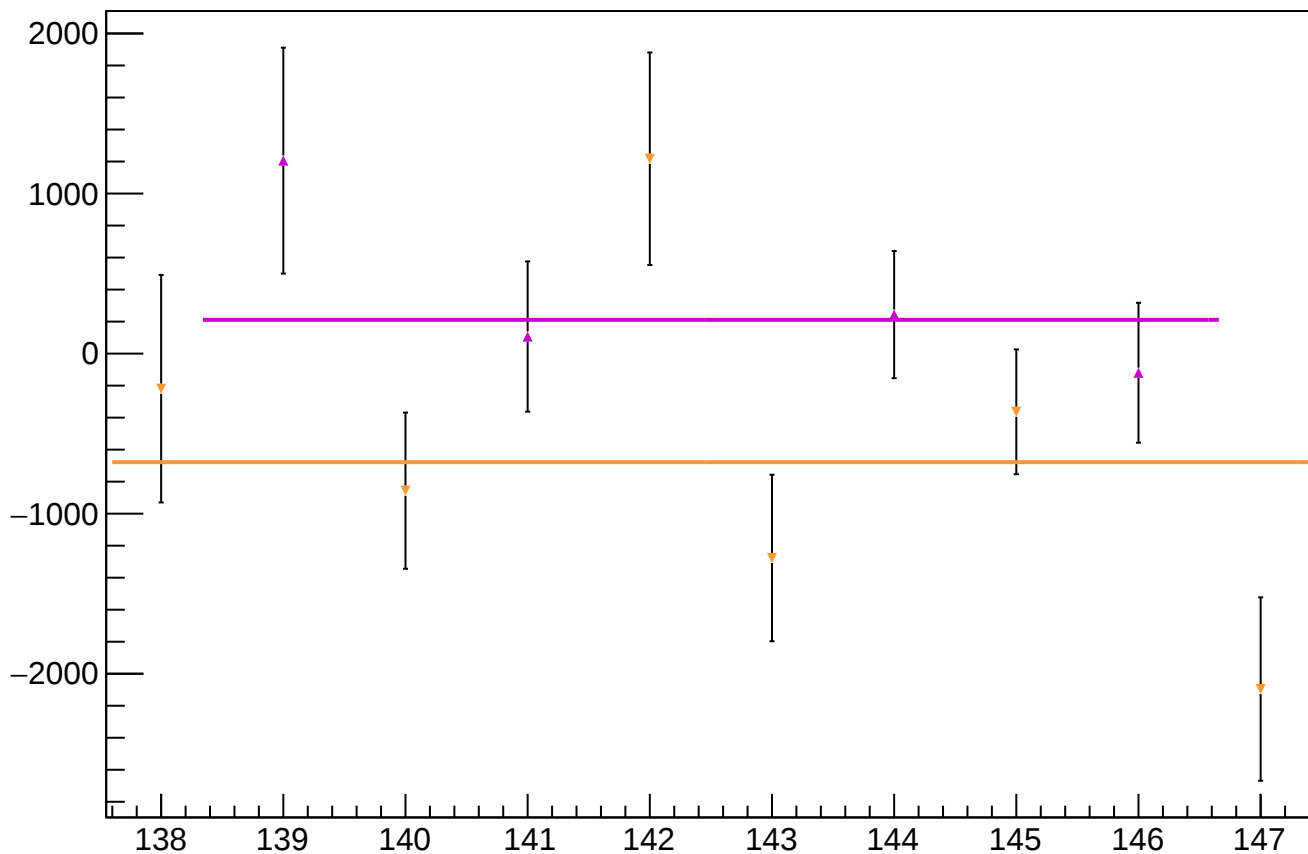
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Out: 430.245+/-0.150 χ^2/NDF :307293.8/5

All: 426.403+/-0.112 χ^2/NDF : 527441.0/9

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -678.122+/-214.340 χ^2/NDF :16.8/5

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

Left In: 211.095+/-234.962 χ^2/NDF :2.6/3

Left: -274.241+/-158.351 χ^2/NDF : 27.2/9

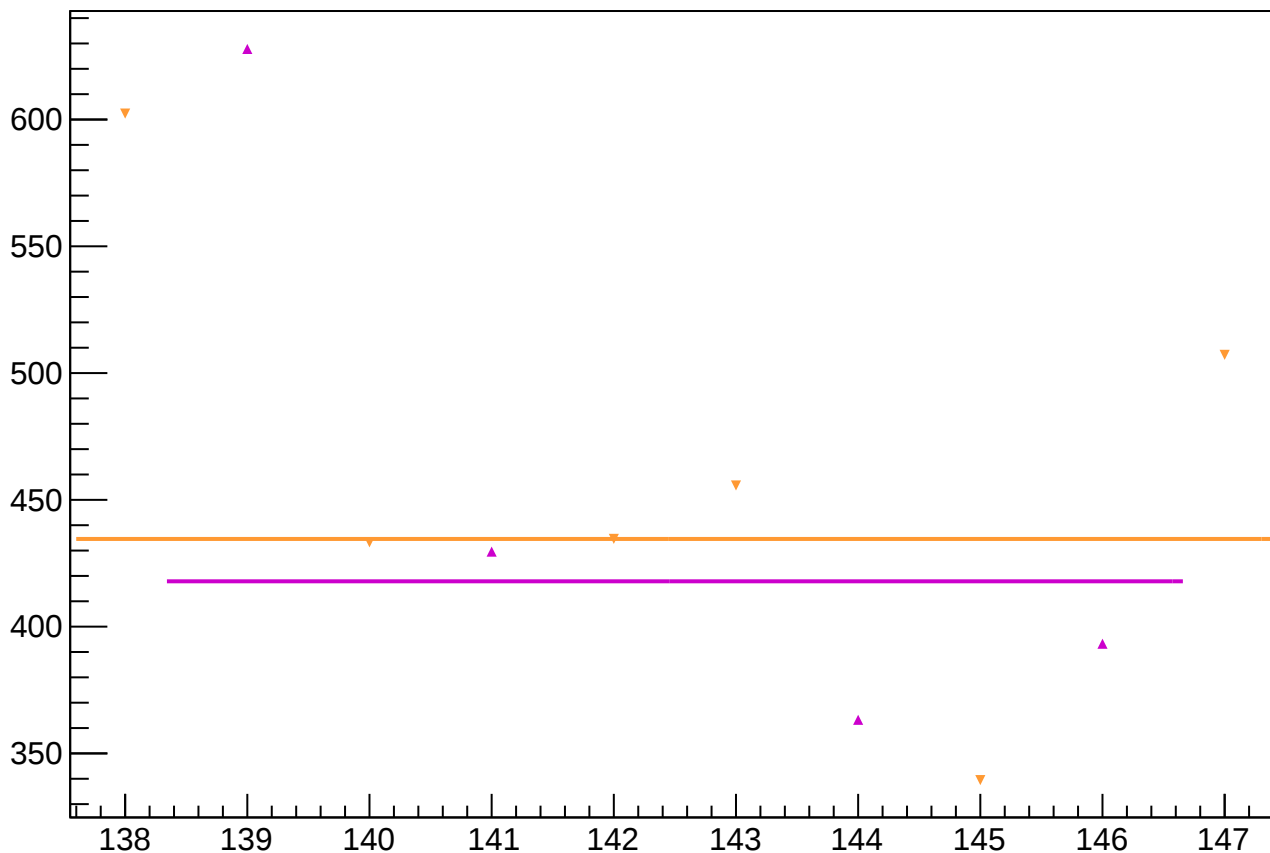
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 211.095+/-234.962 χ^2/NDF :2.6/3

Out: -678.122+/-214.340 χ^2/NDF :16.8/5

All: -274.241+/-158.351 χ^2/NDF : 27.2/9

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 434.582+/-0.152 χ^2/NDF :265872.5/5

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

Left In: 417.875+/-0.166 χ^2/NDF :222461.8/3

Left: 426.994+/-0.112 χ^2/NDF : 493853.8/9

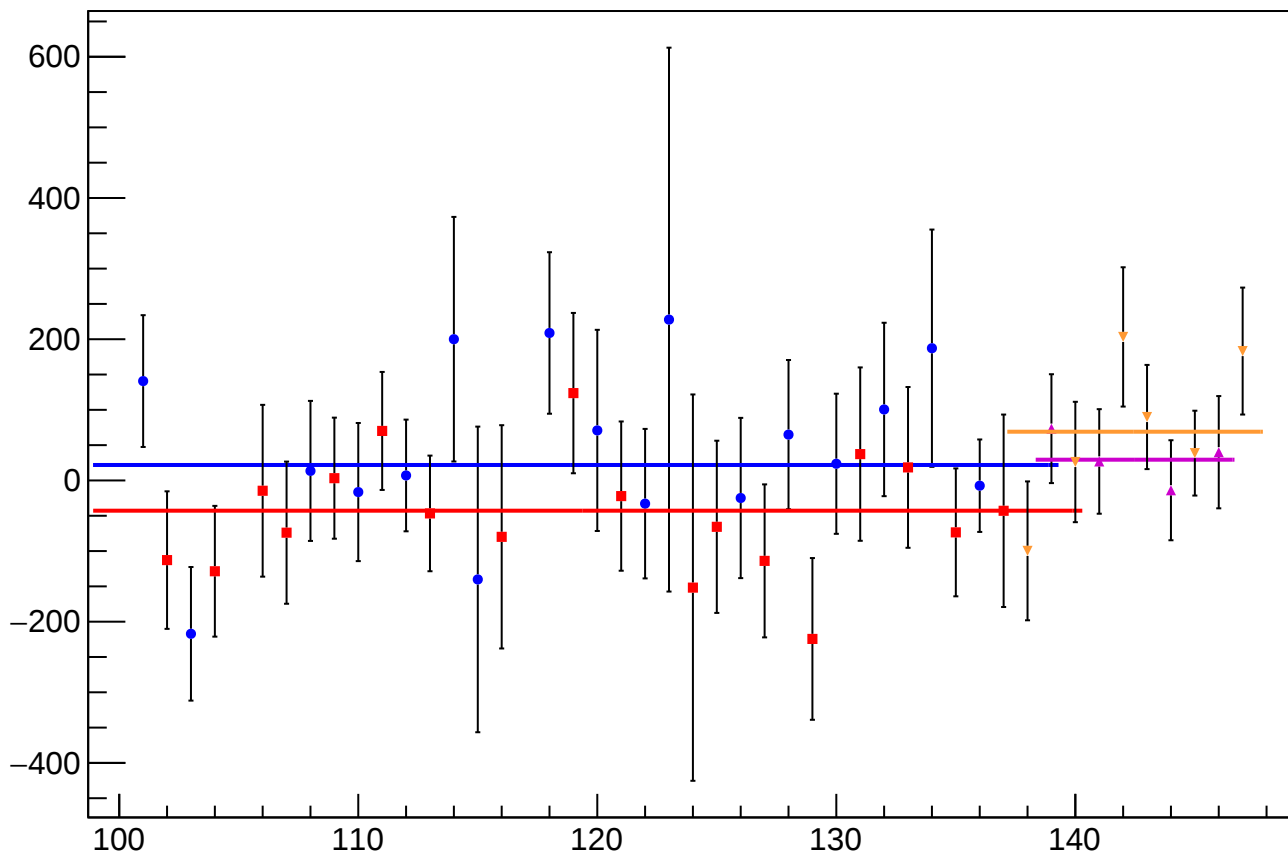
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.875+/-0.166 χ^2/NDF :222461.8/3

Out: 434.582+/-0.152 χ^2/NDF :265872.5/5

All: 426.994+/-0.112 χ^2/NDF : 493853.8/9

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 69.026 $\pm$ 32.821 χ^2 /NDF:7.0/5

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 29.390 $\pm$ 37.573 χ^2 /NDF:0.7/3

Left: 51.871 $\pm$ 24.718 χ^2 /NDF: 8.3/9

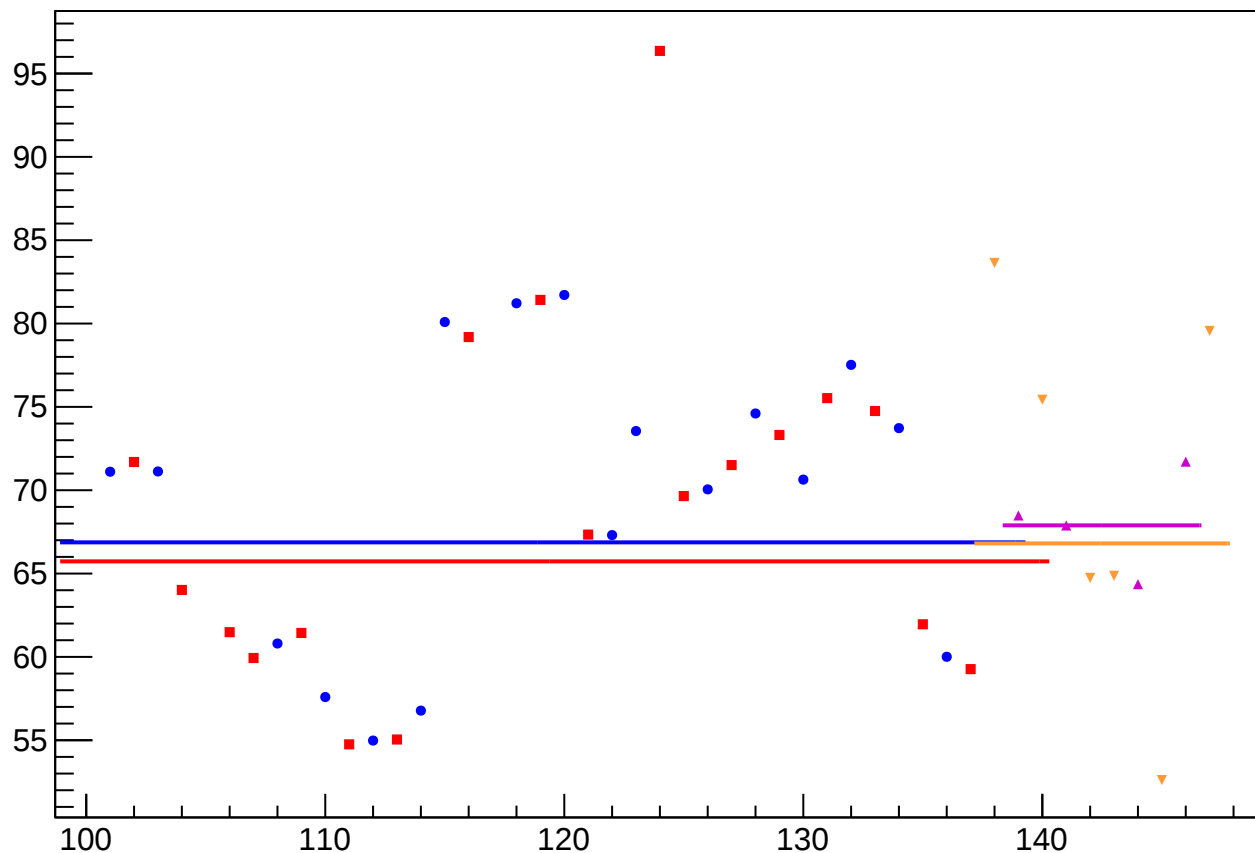
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 24.338 $\pm$ 21.411 χ^2 /NDF:15.8/20

Out: -1.511 $\pm$ 19.946 χ^2 /NDF:24.2/23

All: 10.499 $\pm$ 14.594 χ^2 /NDF: 40.8/44

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: 67.892 $\pm$ 0.027 χ^2 /NDF:9708.0/3

Left: 67.277 $\pm$ 0.017 χ^2 /NDF: 243891.0/9

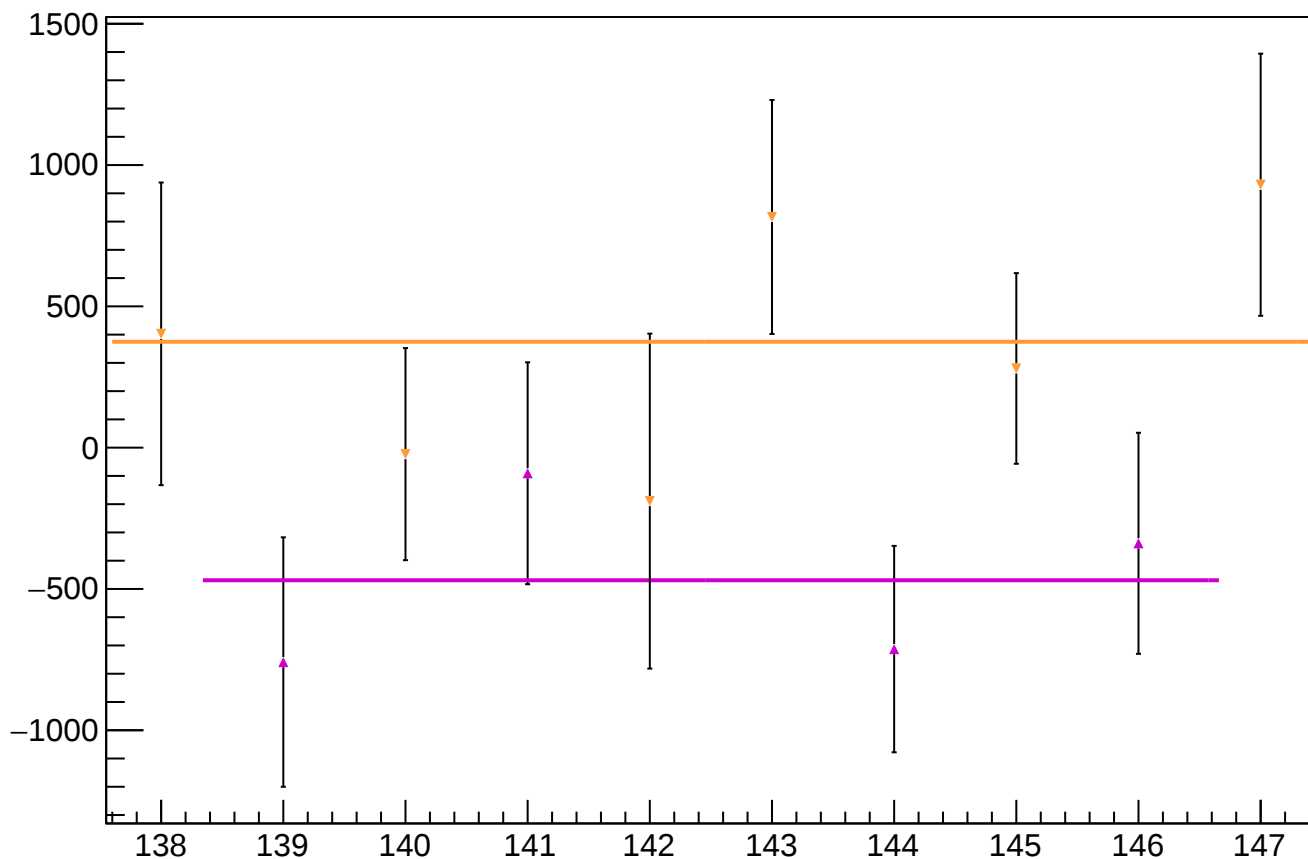
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 67.203 $\pm$ 0.015 χ^2 /NDF:213218.9/20

Out: 66.129 $\pm$ 0.014 χ^2 /NDF:453466.2/23

All: 66.628 $\pm$ 0.010 χ^2 /NDF: 669383.2/44

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: -469.273+/-197.429 χ^2/NDF : 1.9/3

Left: 3.721+/-130.897 χ^2/NDF : 16.8/9

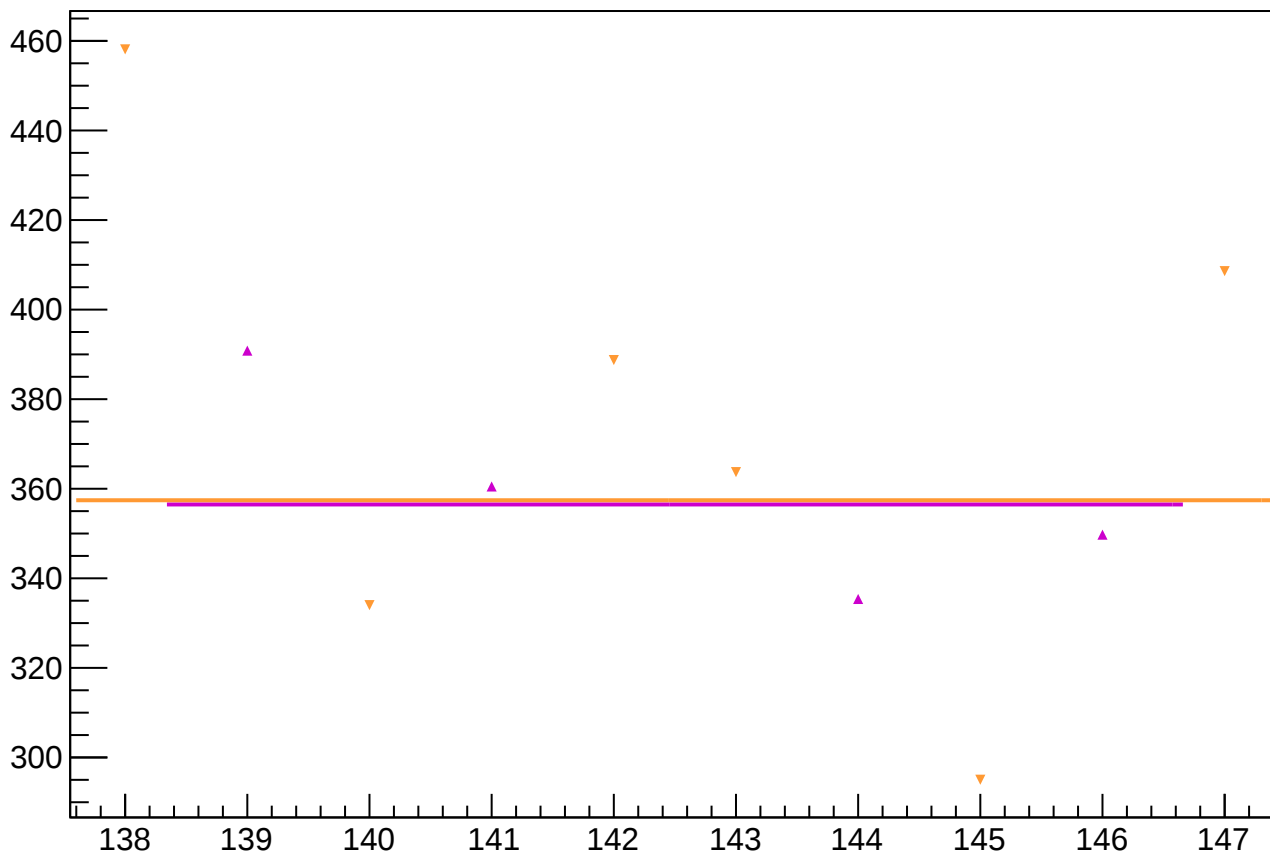
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Out: 374.732+/-174.854 χ^2/NDF : 4.7/5

All: 3.721+/-130.897 χ^2/NDF : 16.8/9

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 357.432+/-0.124 χ^2/NDF :177321.9/5

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

Left In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Left: 357.019+/-0.093 χ^2/NDF : 196939.5/9

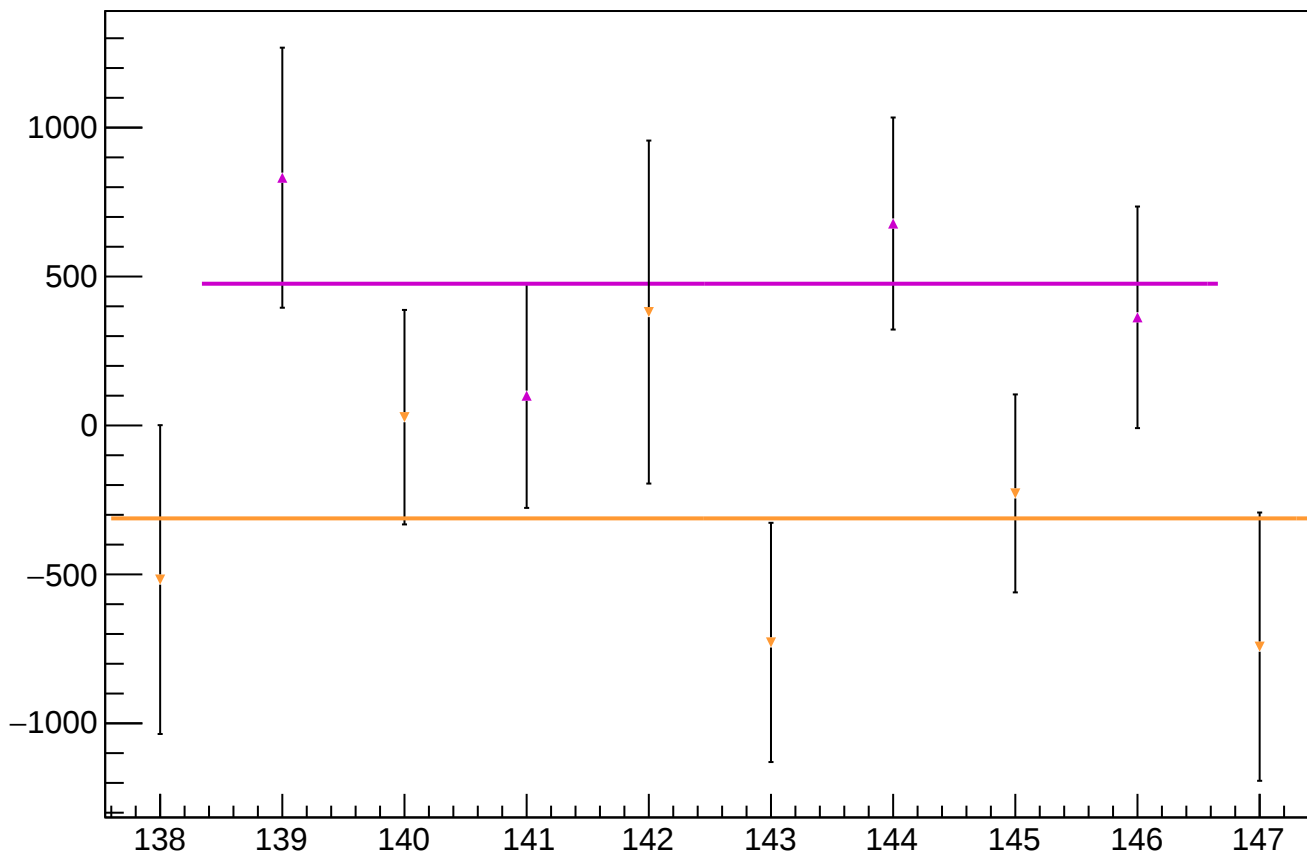
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Out: 357.432+/-0.124 χ^2/NDF :177321.9/5

All: 357.019+/-0.093 χ^2/NDF : 196939.5/9

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -311.967+/-169.911 χ^2/NDF : 4.5/5

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

Left In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Left: 36.080+/-126.947 χ^2/NDF : 16.1/9

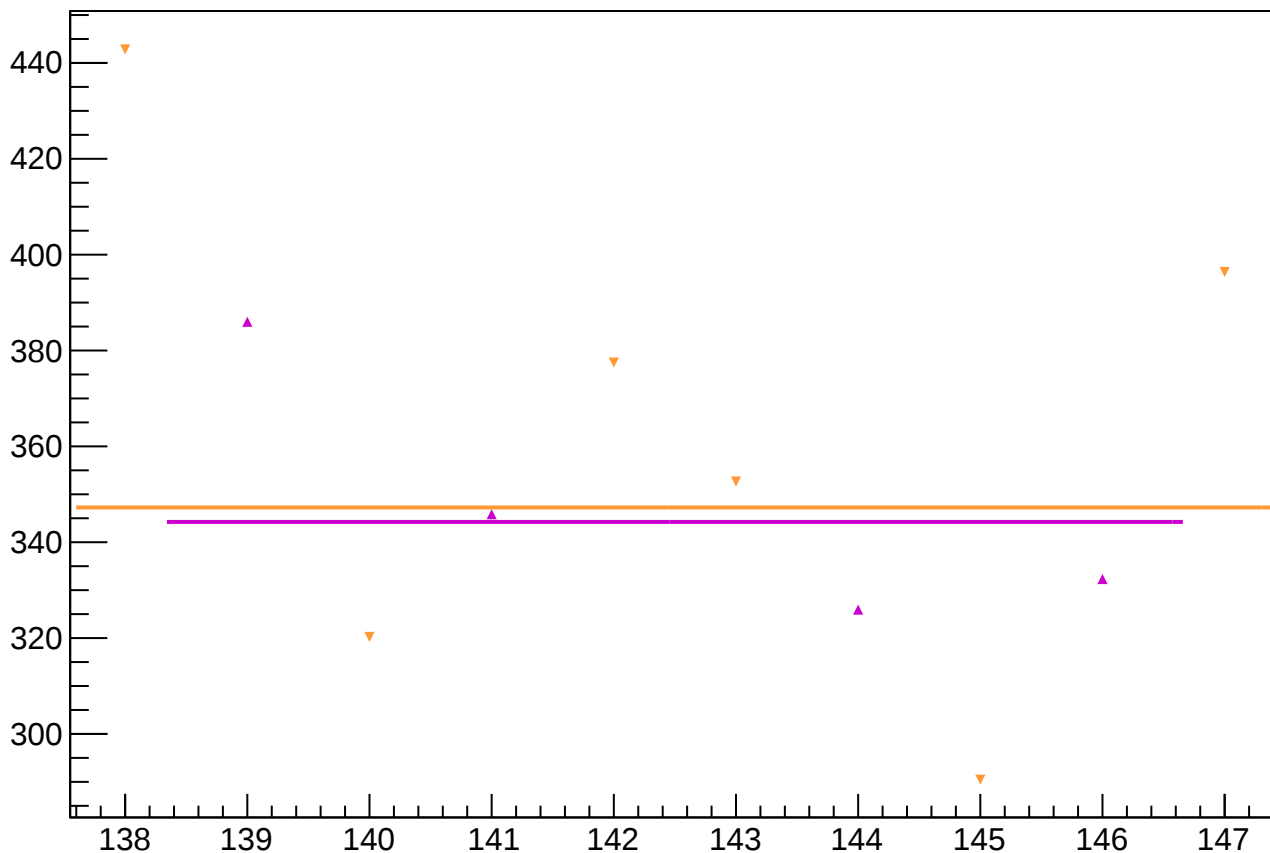
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Out: -311.967+/-169.911 χ^2/NDF : 4.5/5

All: 36.080+/-126.947 χ^2/NDF : 16.1/9

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

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

Left In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Left: 345.921+/-0.090 χ^2/NDF : 193280.2/9

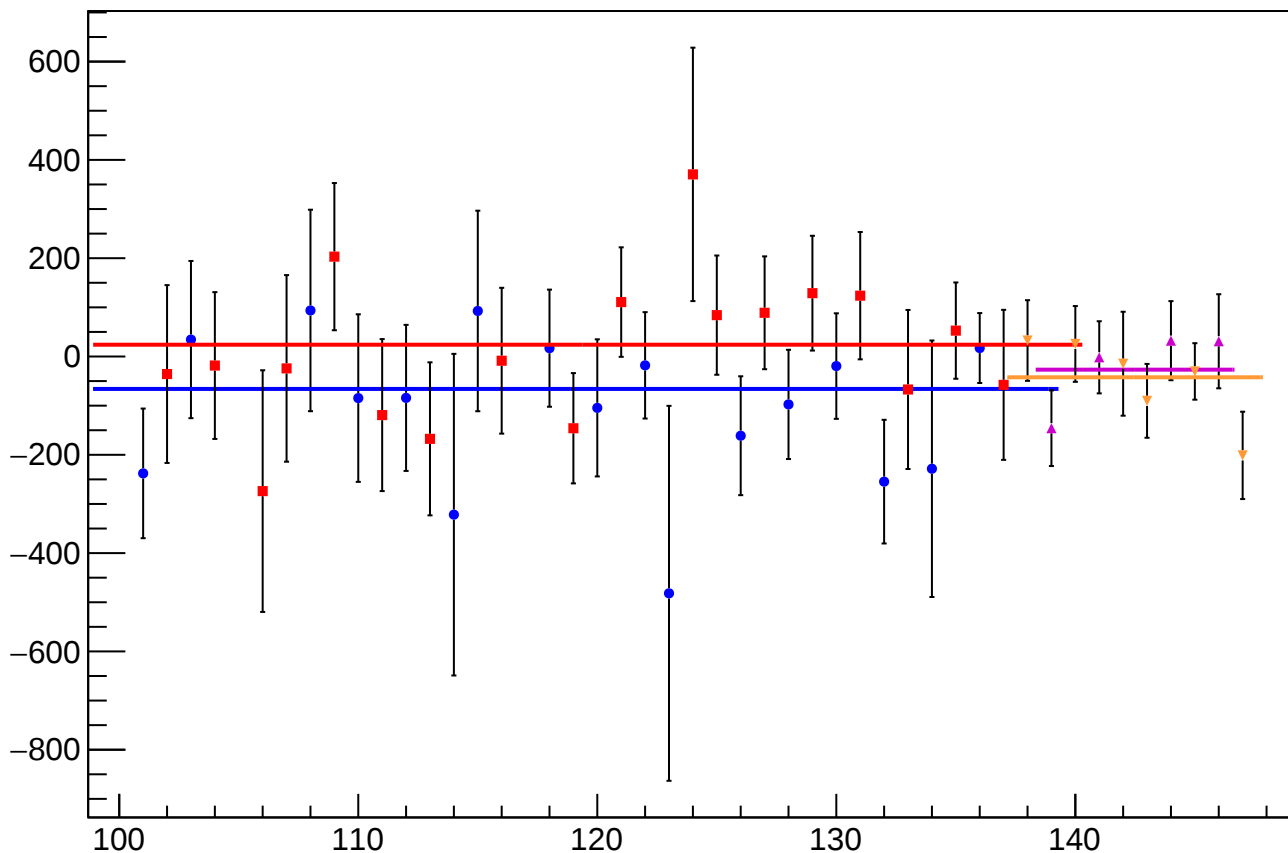
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

All: 345.921+/-0.090 χ^2/NDF : 193280.2/9

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: -26.778 ± 40.219 χ^2/NDF : 3.4/3

Left: -36.414 ± 24.759 χ^2/NDF : 8.8/9

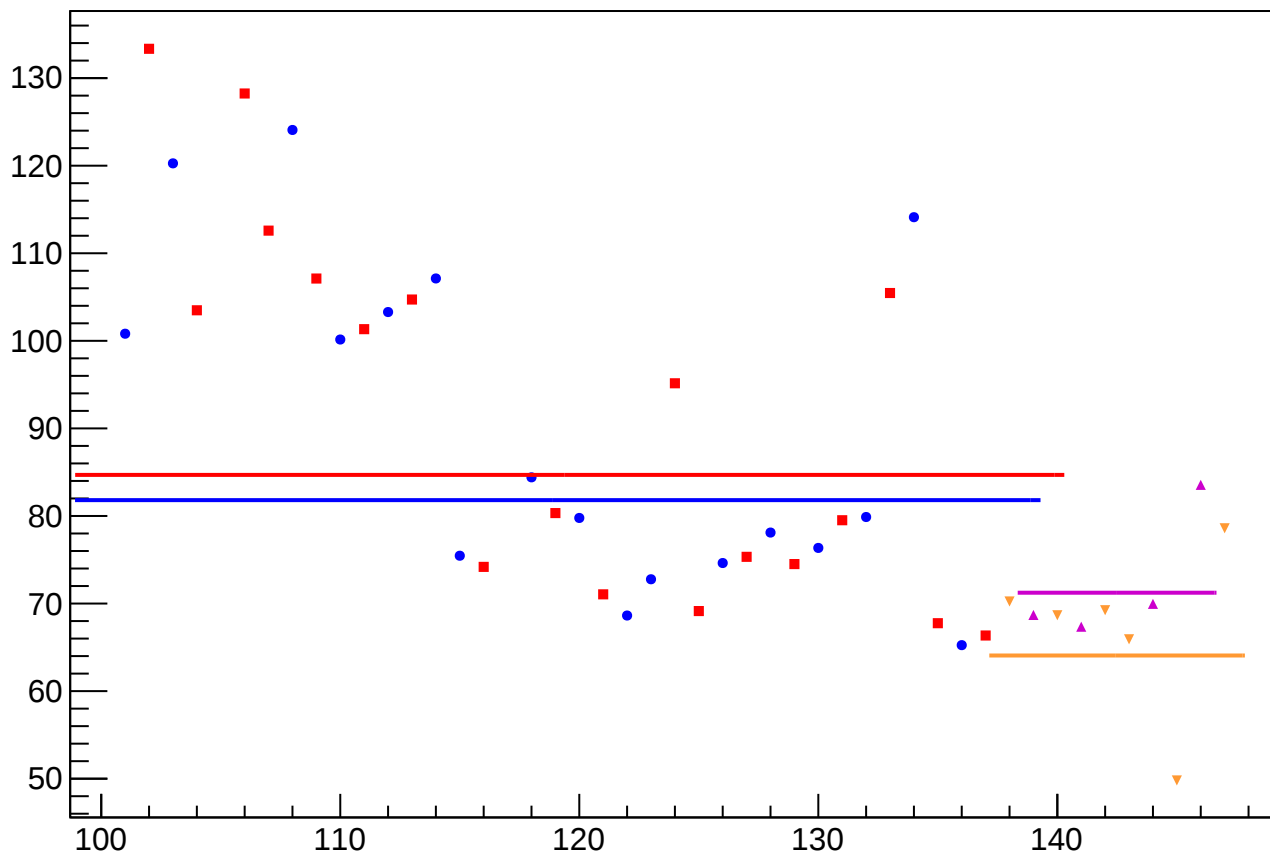
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -50.613 ± 25.179 χ^2/NDF : 14.8/20

Out: -10.573 ± 22.685 χ^2/NDF : 20.4/23

All: -28.512 ± 16.854 χ^2/NDF : 36.6/44

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: 71.237+/-0.028 χ^2/NDF : 41413.6/3

Left: 66.784+/-0.018 χ^2/NDF : 282078.6/9

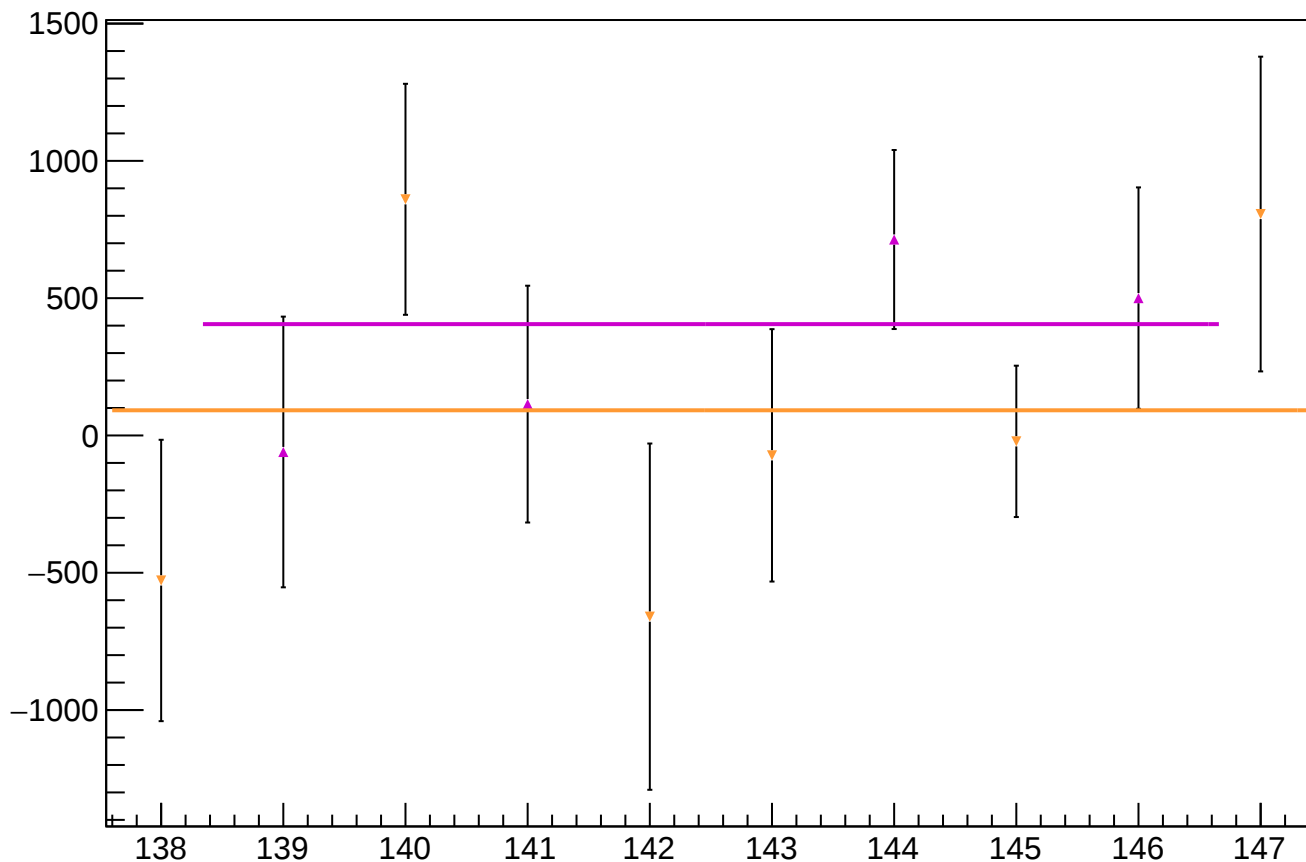
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 77.665+/-0.018 χ^2/NDF : 632638.4/20

Out: 73.939+/-0.016 χ^2/NDF : 1229605.4/23

All: 75.608+/-0.012 χ^2/NDF : 1886424.4/44

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: 405.439+/-199.778 χ^2/NDF : 2.3/3

Left: 227.262+/-131.332 χ^2/NDF : 11.8/9

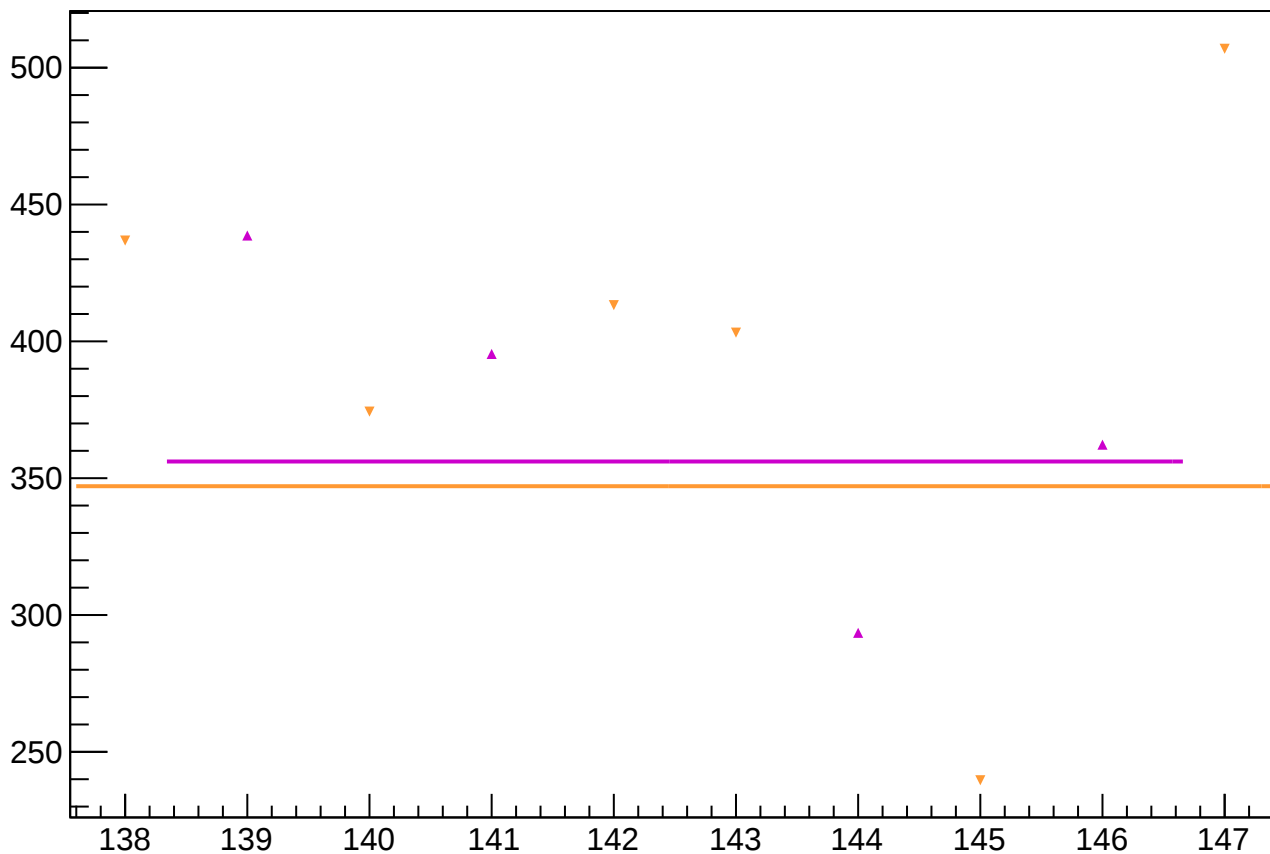
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.439+/-199.778 χ^2/NDF : 2.3/3

Out: 91.661+/-174.283 χ^2/NDF : 8.1/5

All: 227.262+/-131.332 χ^2/NDF : 11.8/9

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: 356.099+/-0.141 χ^2/NDF :146968.8/3

Left: 350.971+/-0.093 χ^2/NDF : 730540.5/9

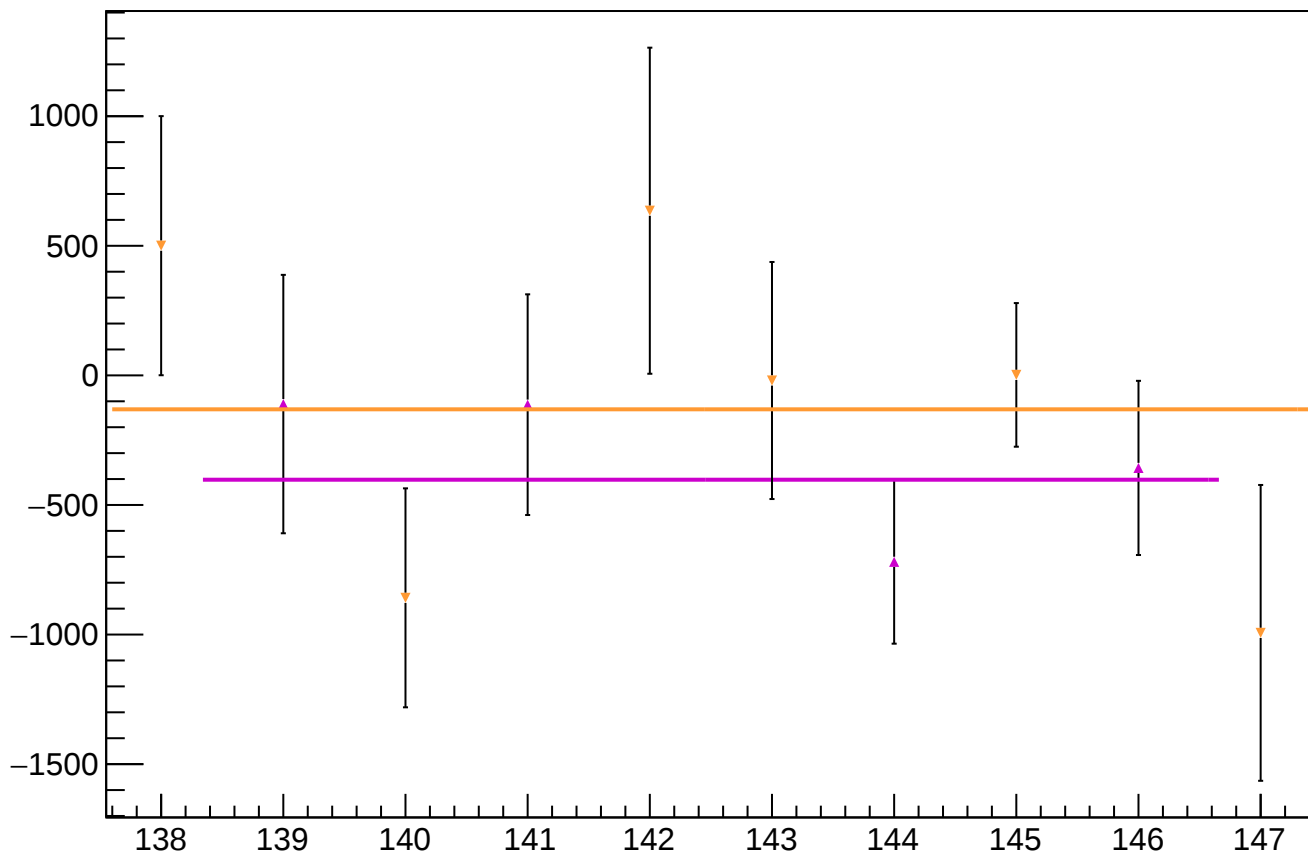
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Out: 347.069+/-0.123 χ^2/NDF :581251.7/5

All: 350.971+/-0.093 χ^2/NDF : 730540.5/9

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: -402.567 ± 187.586 $\chi^2/\text{NDF}: 1.8/3$

Left: -256.606 ± 127.595 $\chi^2/\text{NDF}: 11.6/9$

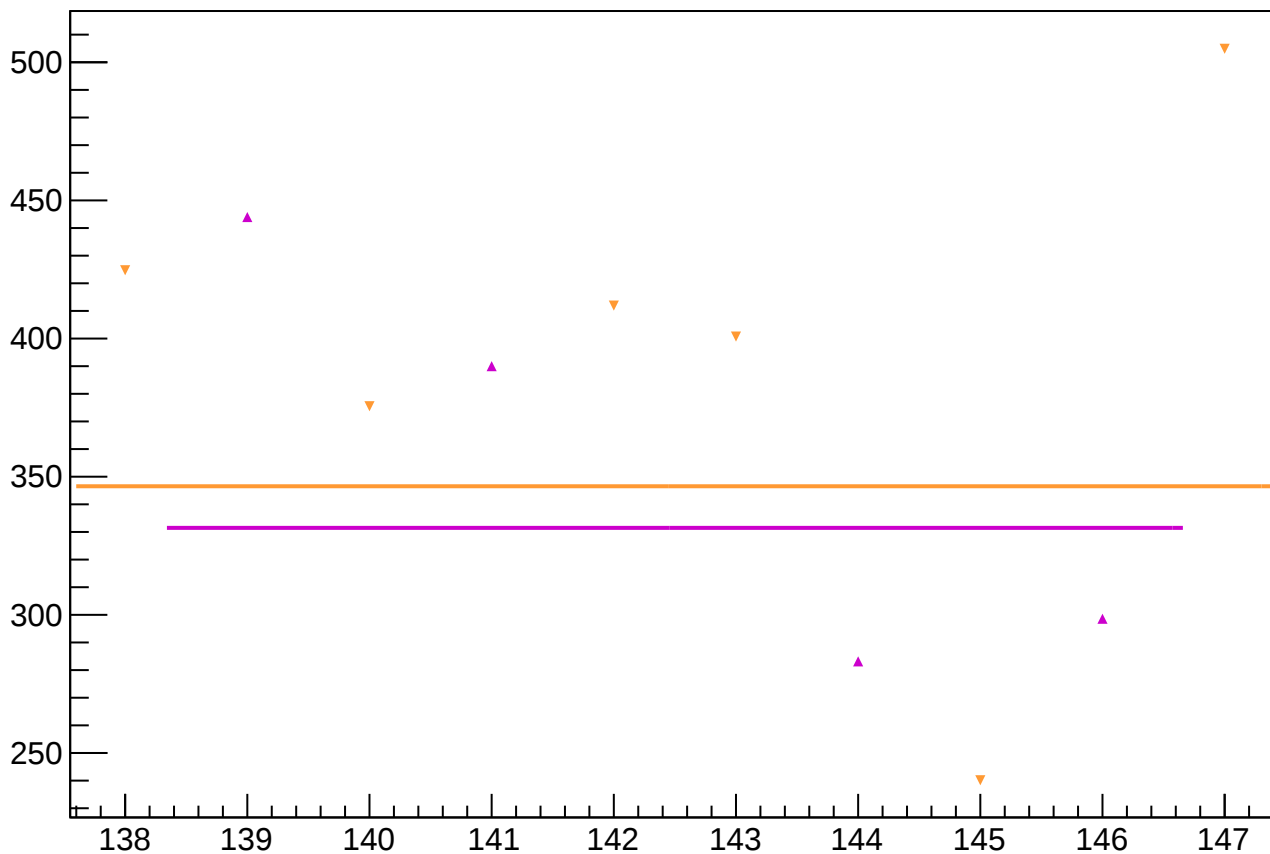
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -402.567 ± 187.586 $\chi^2/\text{NDF}: 1.8/3$

Out: -130.929 ± 174.064 $\chi^2/\text{NDF}: 8.6/5$

All: -256.606 ± 127.595 $\chi^2/\text{NDF}: 11.6/9$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

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

Left In: 331.480+/-0.133 χ^2/NDF :205601.6/3

Left: 339.571+/-0.090 χ^2/NDF : 769361.3/9

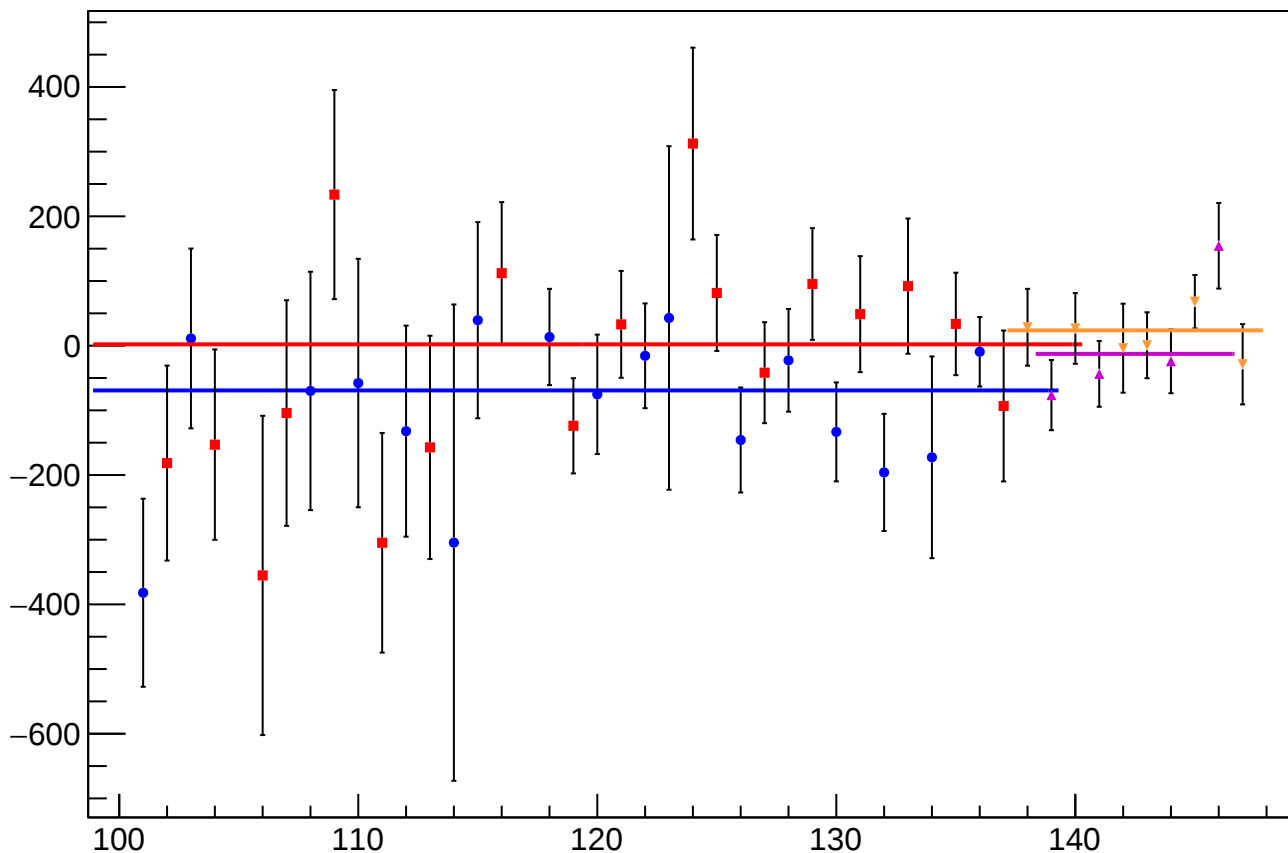
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.480+/-0.133 χ^2/NDF :205601.6/3

Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

All: 339.571+/-0.090 χ^2/NDF : 769361.3/9

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: -12.690 ± 27.093 χ^2/NDF : 8.2/3

Left: 9.242 ± 17.092 χ^2/NDF : 11.5/9

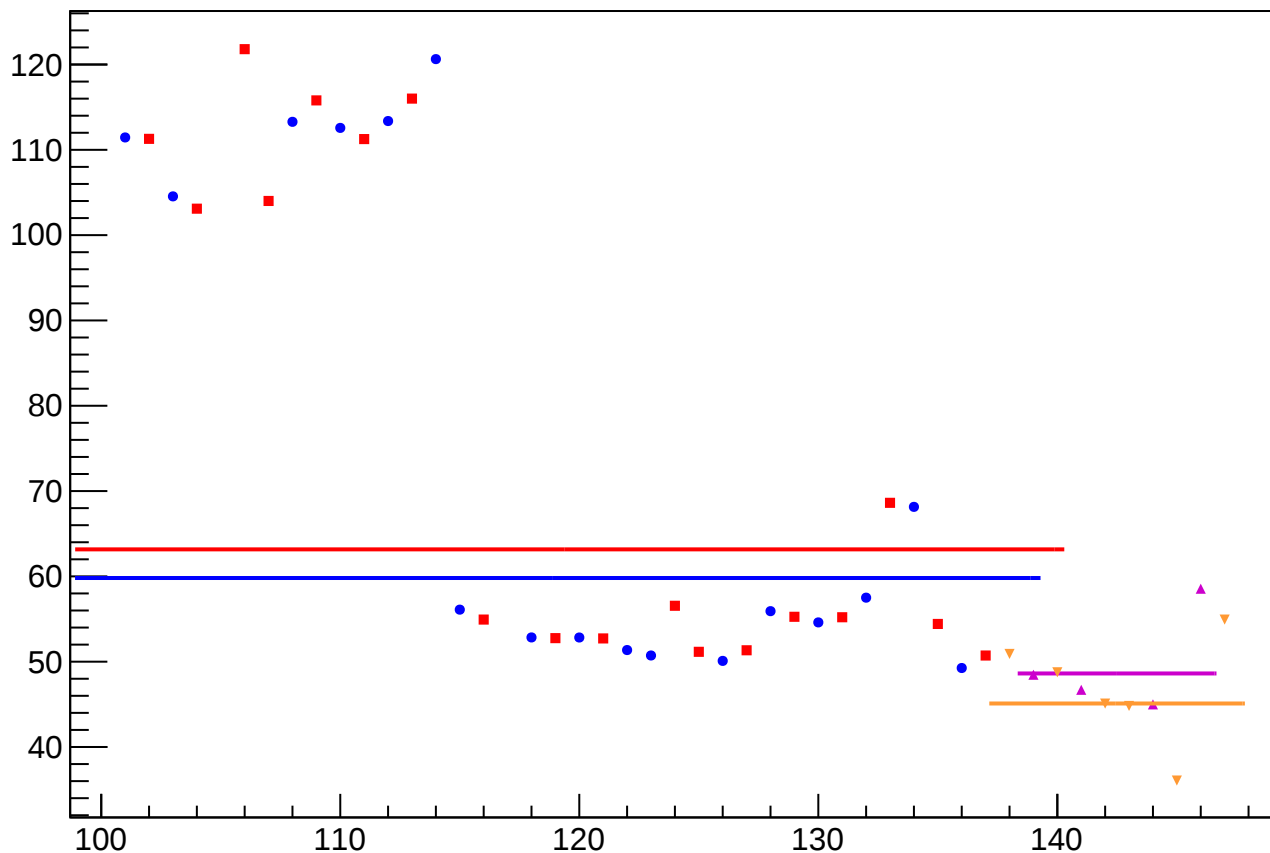
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -44.046 ± 18.073 χ^2/NDF : 24.1/20

Out: 14.354 ± 16.582 χ^2/NDF : 26.4/23

All: -12.337 ± 12.218 χ^2/NDF : 56.2/44

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: 48.620 $\pm$ 0.019 χ^2 /NDF: 58671.7/3

Left: 46.500 $\pm$ 0.012 χ^2 /NDF: 253213.7/9

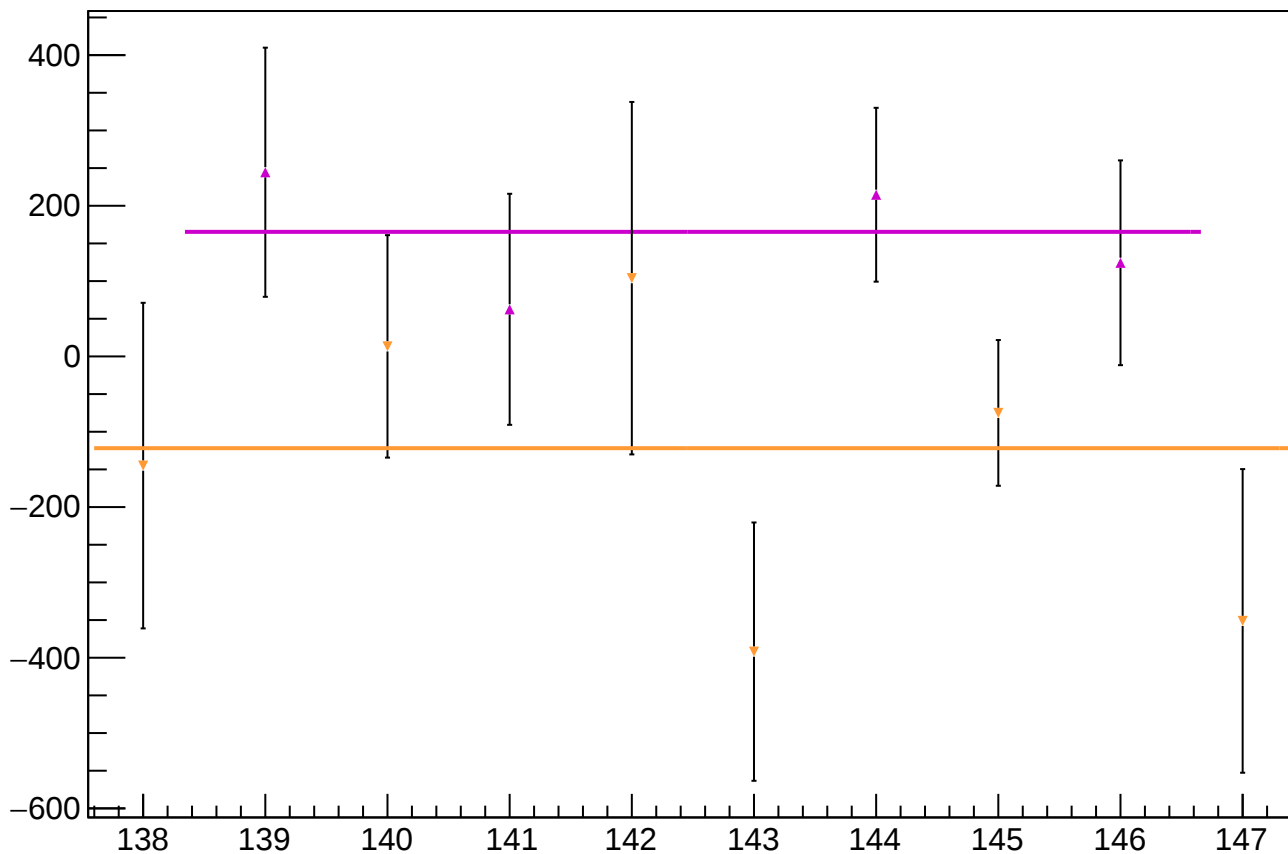
Right: 61.424 $\pm$ 0.012 χ^2 /NDF: 2635717.1/34

In: 54.830 $\pm$ 0.013 χ^2 /NDF: 1477971.0/20

Out: 52.929 $\pm$ 0.012 χ^2 /NDF: 2144549.8/23

All: 53.798 $\pm$ 0.009 χ^2 /NDF: 3634524.5/44

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: 165.366+/-69.284 χ^2/NDF :1.0/3

Left: 8.418+/-46.657 χ^2/NDF : 16.1/9

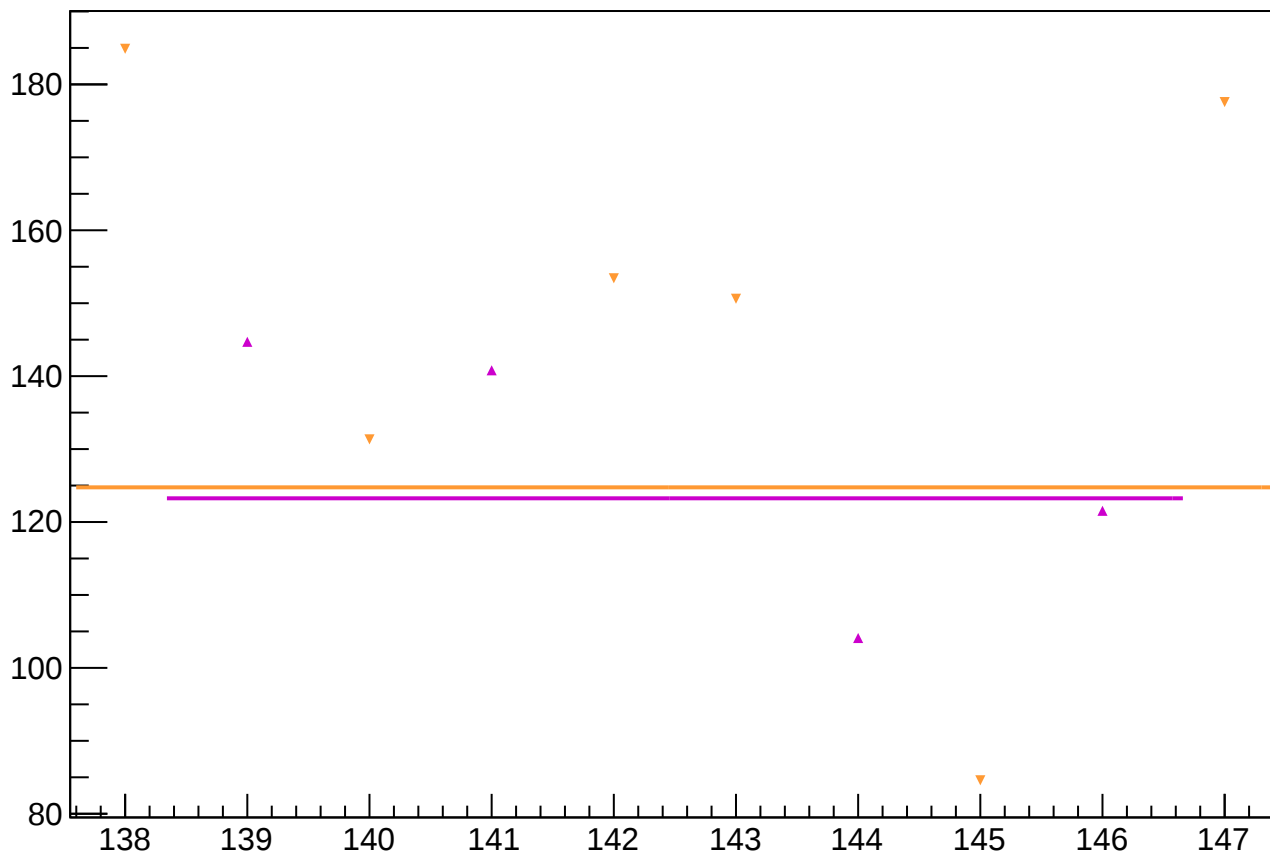
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 165.366+/-69.284 χ^2/NDF :1.0/3

Out: -121.814+/-63.113 χ^2/NDF :5.8/5

All: 8.418+/-46.657 χ^2/NDF : 16.1/9

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 124.753+/-0.045 χ^2/NDF : 716491.0/5

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

Left In: 123.251+/-0.049 χ^2/NDF : 115285.1/3

Left: 124.072+/-0.033 χ^2/NDF : 832290.2/9

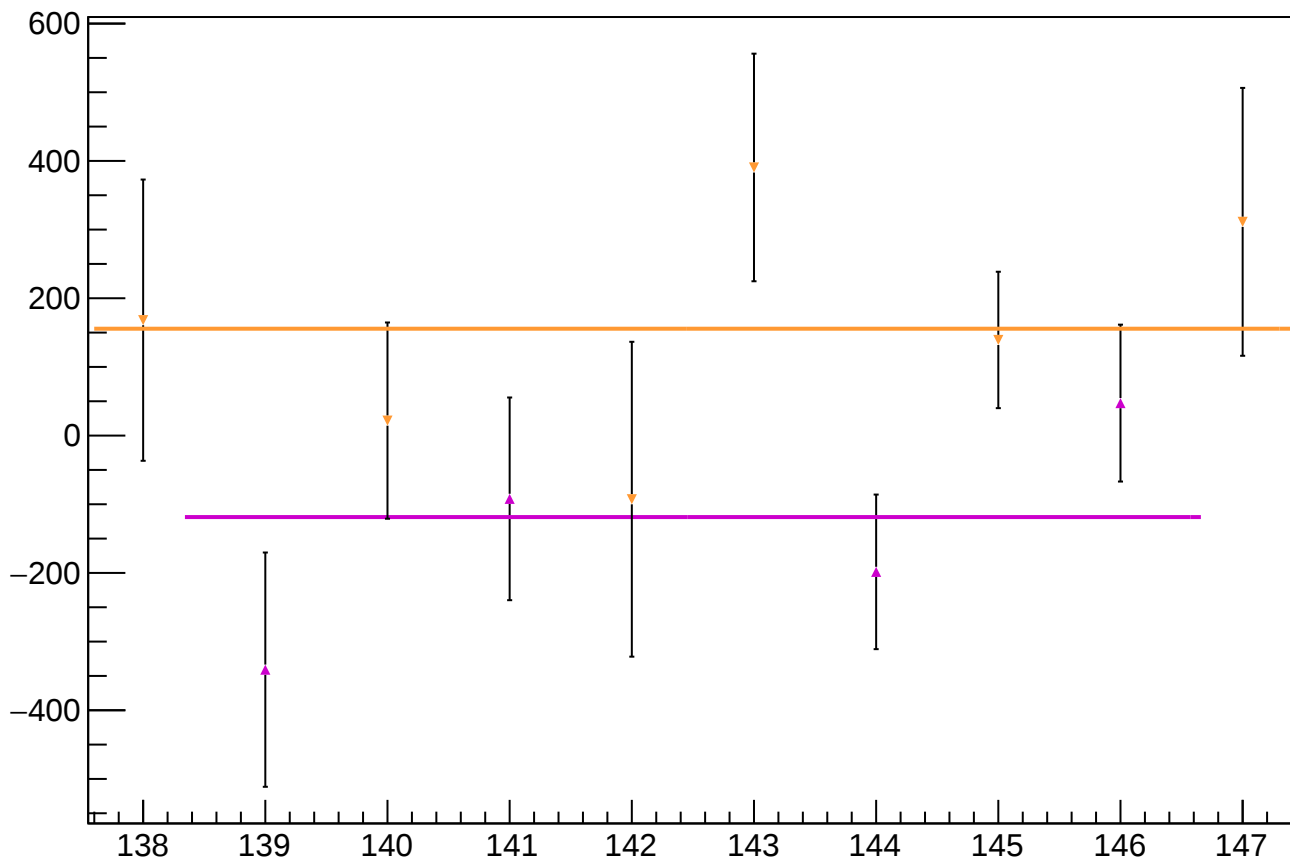
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.251+/-0.049 χ^2/NDF : 115285.1/3

Out: 124.753+/-0.045 χ^2/NDF : 716491.0/5

All: 124.072+/-0.033 χ^2/NDF : 832290.2/9

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: -118.653+/-65.119 χ^2/NDF : 4.3/3

Left: 24.101+/-45.096 χ^2/NDF : 18.3/9

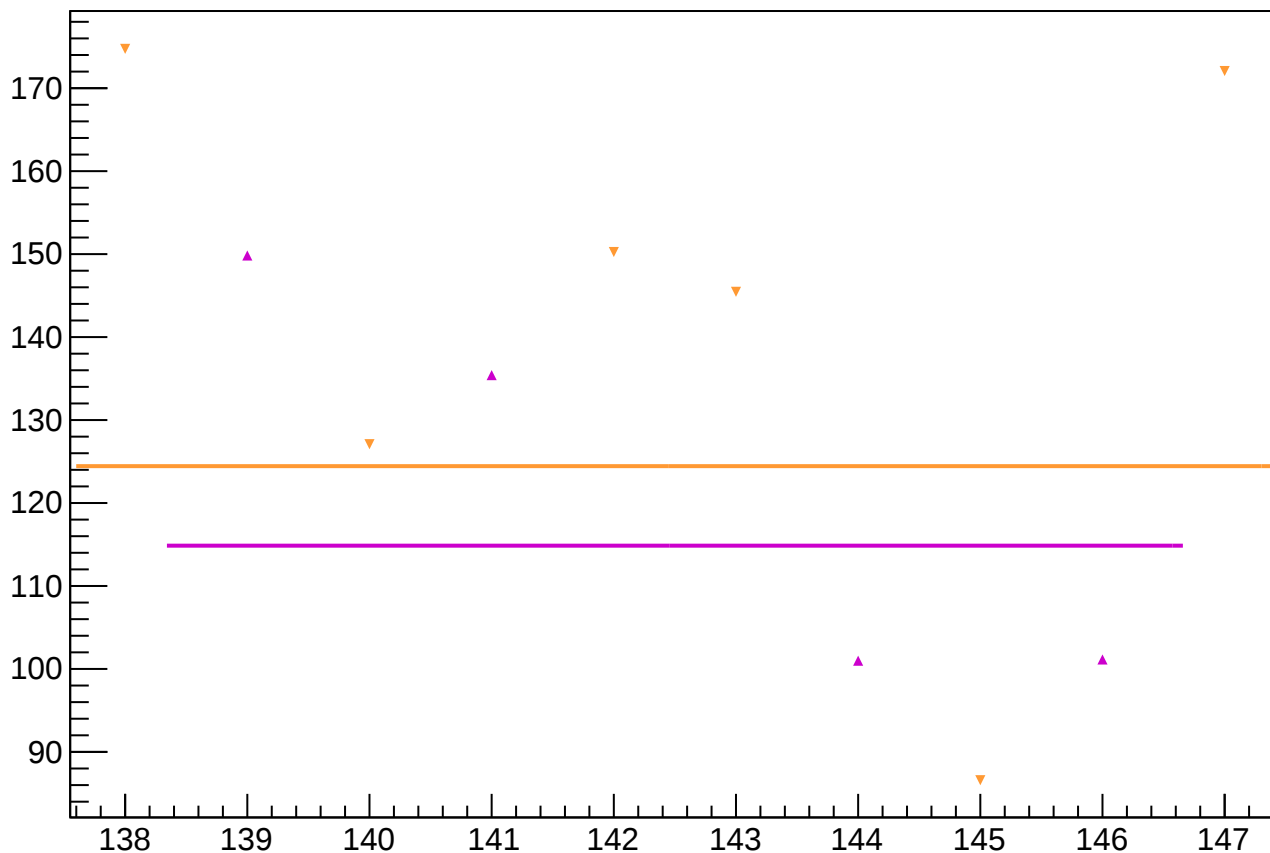
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

All: 24.101+/-45.096 χ^2/NDF : 18.3/9

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 124.443+/-0.044 χ^2/NDF :588580.6/5

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

Left In: 114.859+/-0.046 χ^2/NDF :182045.1/3

Left: 119.847+/-0.032 χ^2/NDF : 793170.8/9

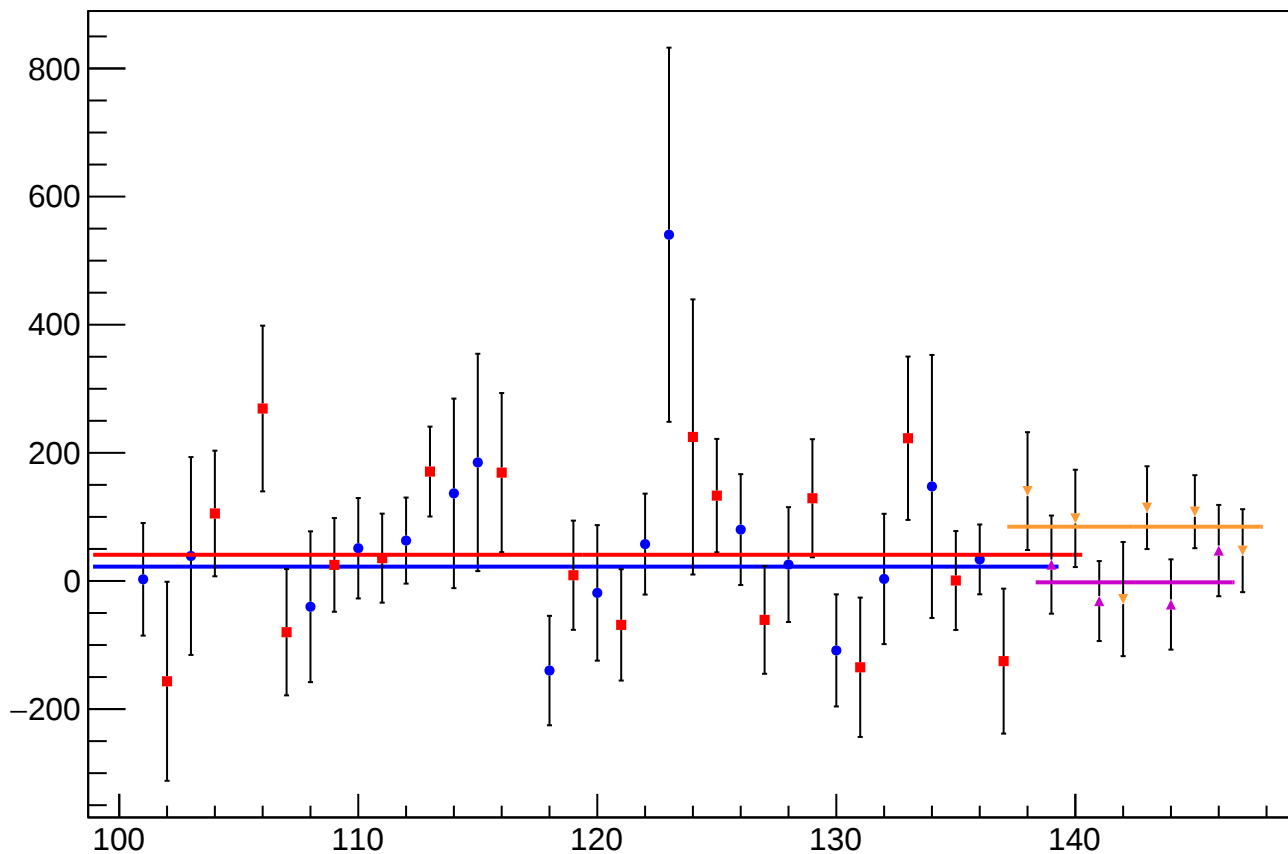
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.859+/-0.046 χ^2/NDF :182045.1/3

Out: 124.443+/-0.044 χ^2/NDF :588580.6/5

All: 119.847+/-0.032 χ^2/NDF : 793170.8/9

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: -2.129 $\pm$ 34.805 χ^2 /NDF: 1.1/3

Left: 49.362 $\pm$ 22.202 χ^2 /NDF: 7.5/9

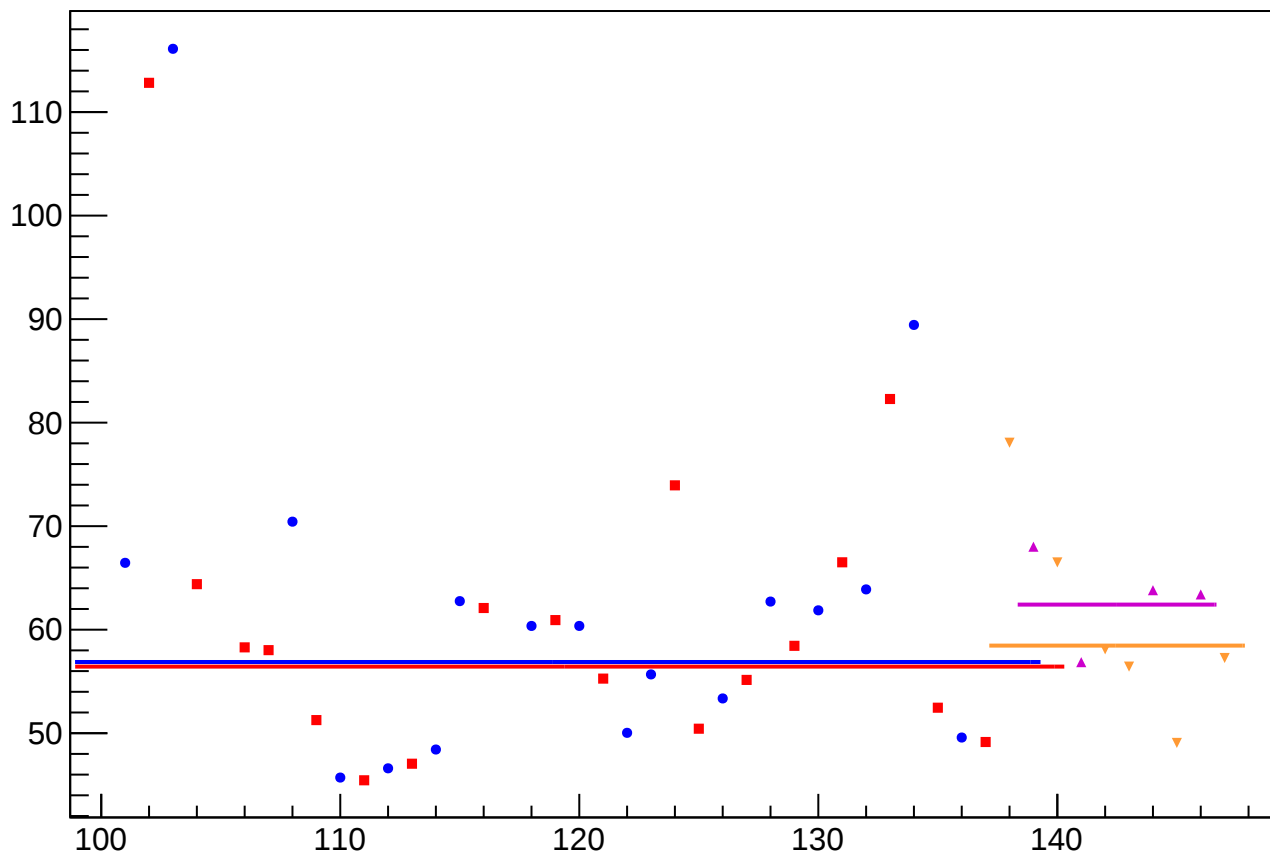
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 15.087 $\pm$ 18.969 χ^2 /NDF: 14.0/20

Out: 57.121 $\pm$ 17.557 χ^2 /NDF: 28.4/23

All: 37.726 $\pm$ 12.885 χ^2 /NDF: 45.0/44

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: 62.423 $\pm$ 0.025 χ^2 /NDF:27686.4/3

Left: 60.074 $\pm$ 0.016 χ^2 /NDF: 213343.9/9

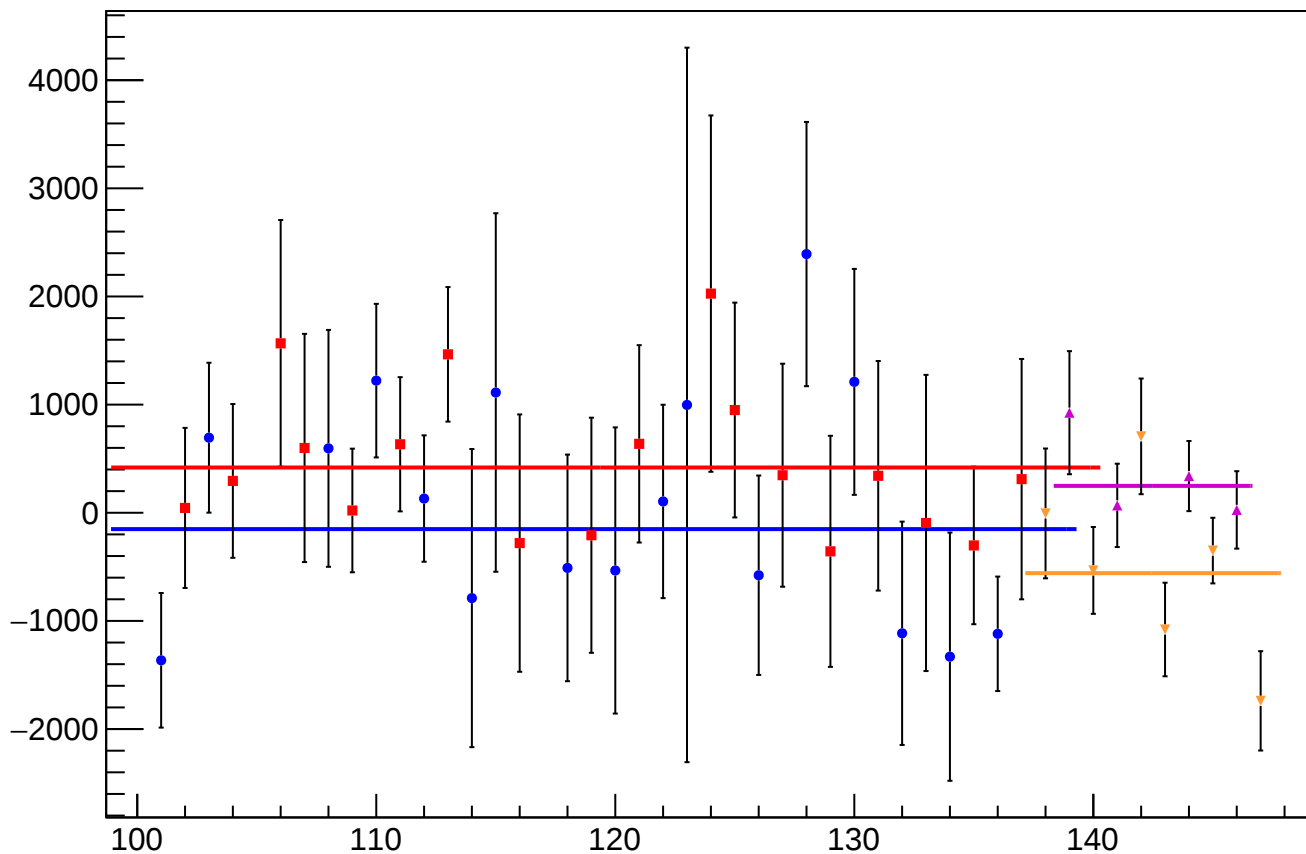
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 58.526 $\pm$ 0.013 χ^2 /NDF:638850.5/20

Out: 57.186 $\pm$ 0.012 χ^2 /NDF:696984.2/23

All: 57.804 $\pm$ 0.009 χ^2 /NDF: 1341204.0/44

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: 248.747+/-191.957 χ^2/NDF : 2.1/3

Left: -196.692+/-128.497 χ^2/NDF : 26.8/9

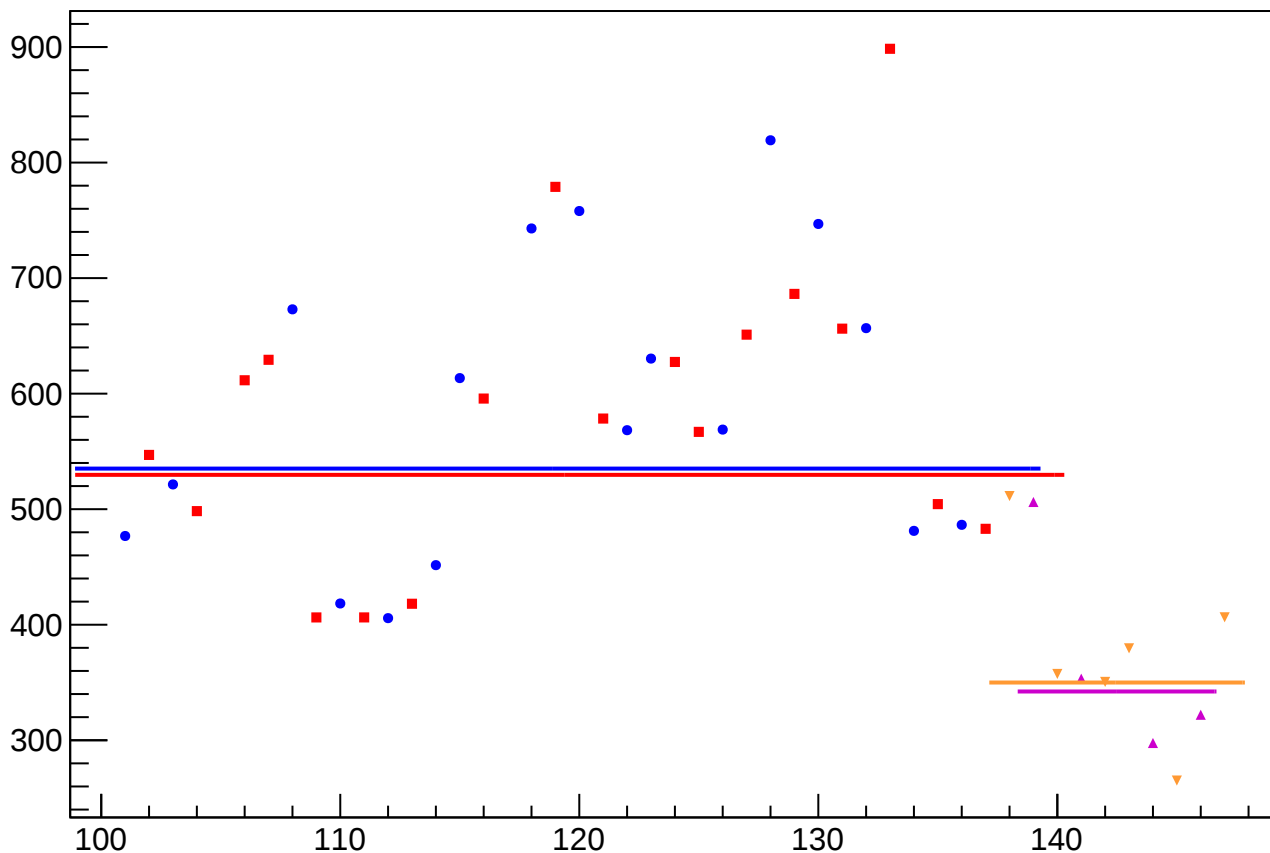
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 68.989+/-142.429 χ^2/NDF : 26.5/20

Out: -152.247+/-132.214 χ^2/NDF : 36.6/23

All: -49.846+/-96.900 χ^2/NDF : 64.4/44

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: 342.214 $\pm$ 0.136 χ^2 /NDF: 211949.3/3

Left: 346.497 $\pm$ 0.091 χ^2 /NDF: 555085.0/9

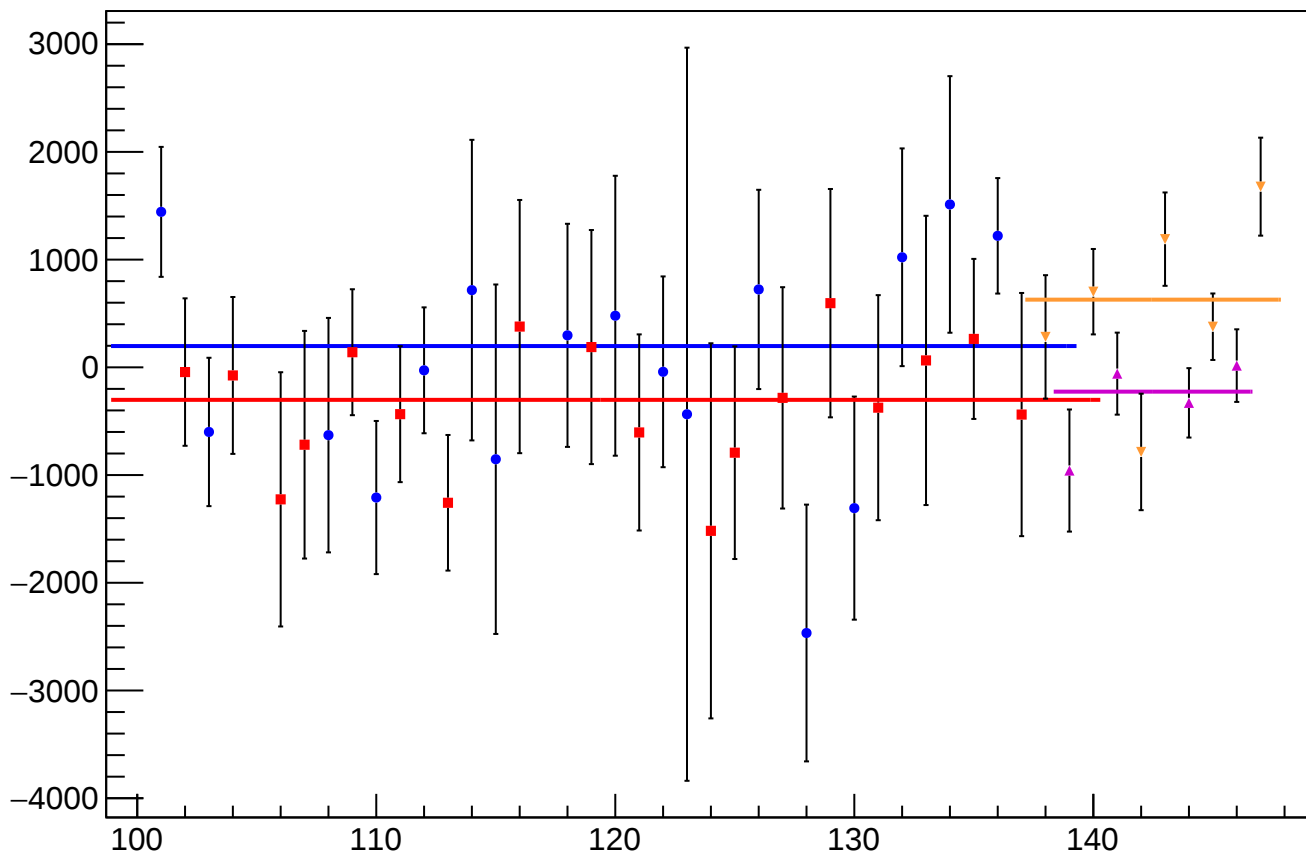
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 428.925 $\pm$ 0.101 χ^2 /NDF: 1716033.5/20

Out: 424.696 $\pm$ 0.093 χ^2 /NDF: 1885915.9/23

All: 426.653 $\pm$ 0.069 χ^2 /NDF: 3602896.6/44

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 628.367 $\pm$ 172.805 χ^2 /NDF:14.9/5

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -225.731 $\pm$ 187.480 χ^2 /NDF:2.5/3

Left: 236.048 $\pm$ 127.063 χ^2 /NDF: 28.6/9

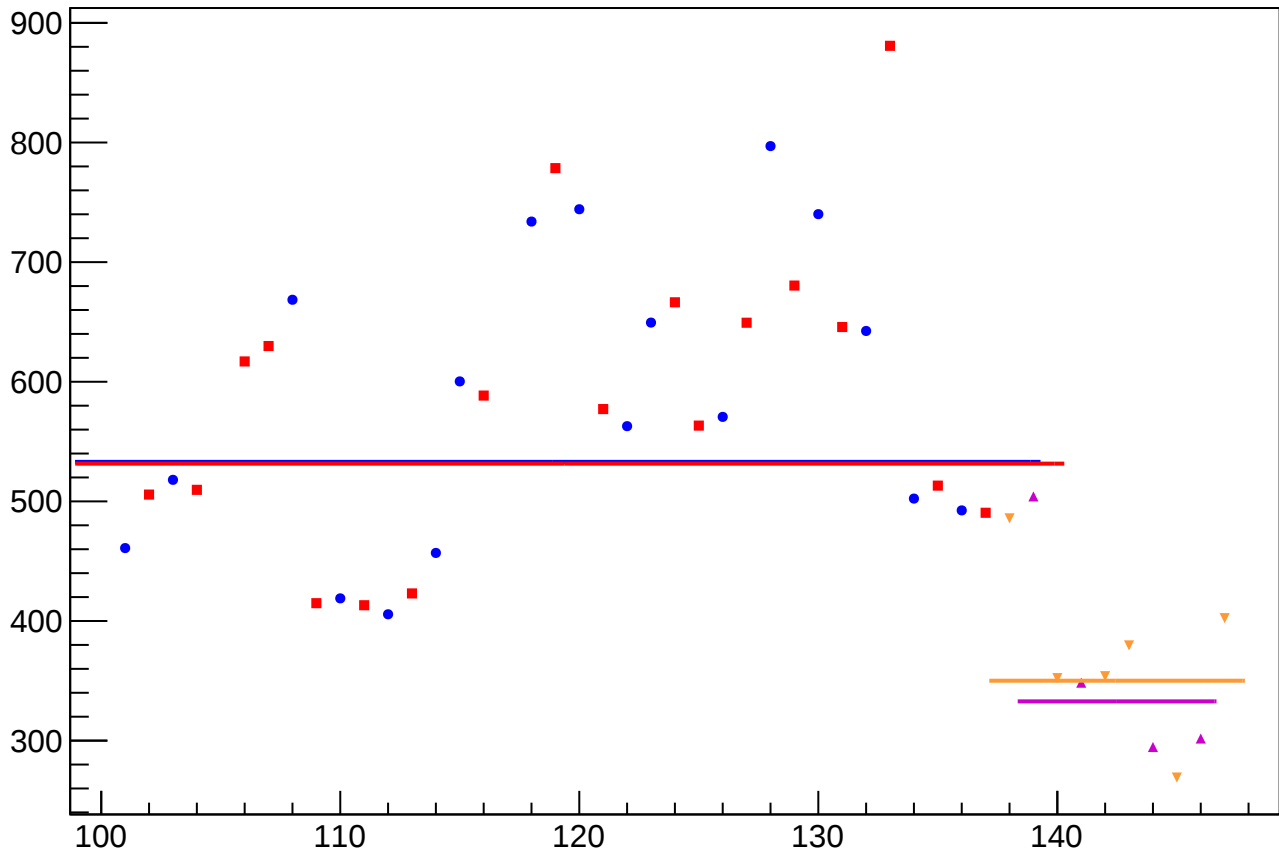
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -39.457 $\pm$ 140.289 χ^2 /NDF:28.6/20

Out: 243.492 $\pm$ 132.312 χ^2 /NDF:33.6/23

All: 110.291 $\pm$ 96.255 χ^2 /NDF: 64.4/44

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 350.085+/-0.122 χ^2/NDF : 285684.2/5

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 332.827+/-0.133 χ^2/NDF : 231188.7/3

Left: 342.158+/-0.090 χ^2/NDF : 526035.7/9

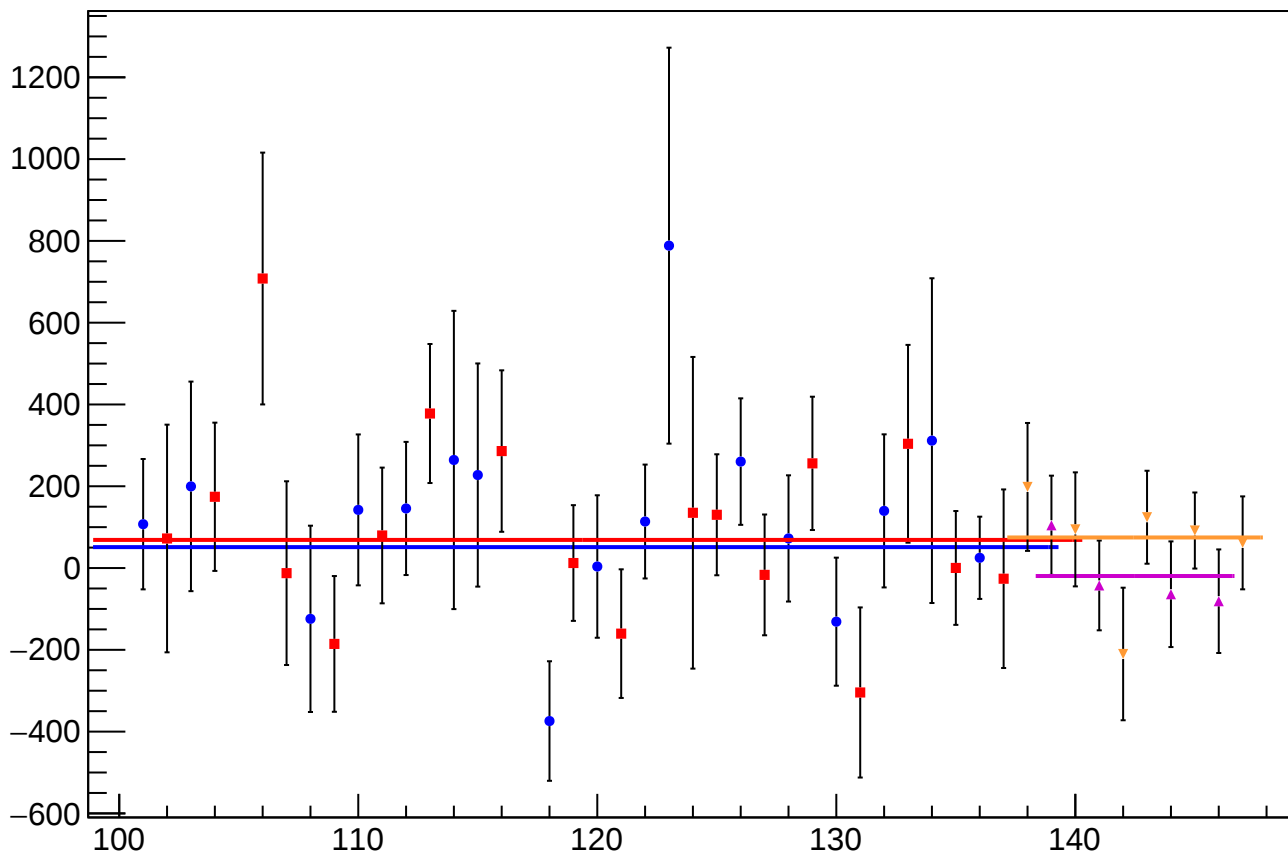
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 420.929+/-0.099 χ^2/NDF : 1801684.3/20

Out: 425.169+/-0.094 χ^2/NDF : 1796200.0/23

All: 423.173+/-0.068 χ^2/NDF : 3598851.1/44

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 74.761 $\pm$ 49.951 χ^2 /NDF: 4.0/5

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: -19.487 $\pm$ 60.506 χ^2 /NDF: 1.4/3

Left: 36.561 $\pm$ 38.520 χ^2 /NDF: 6.9/9

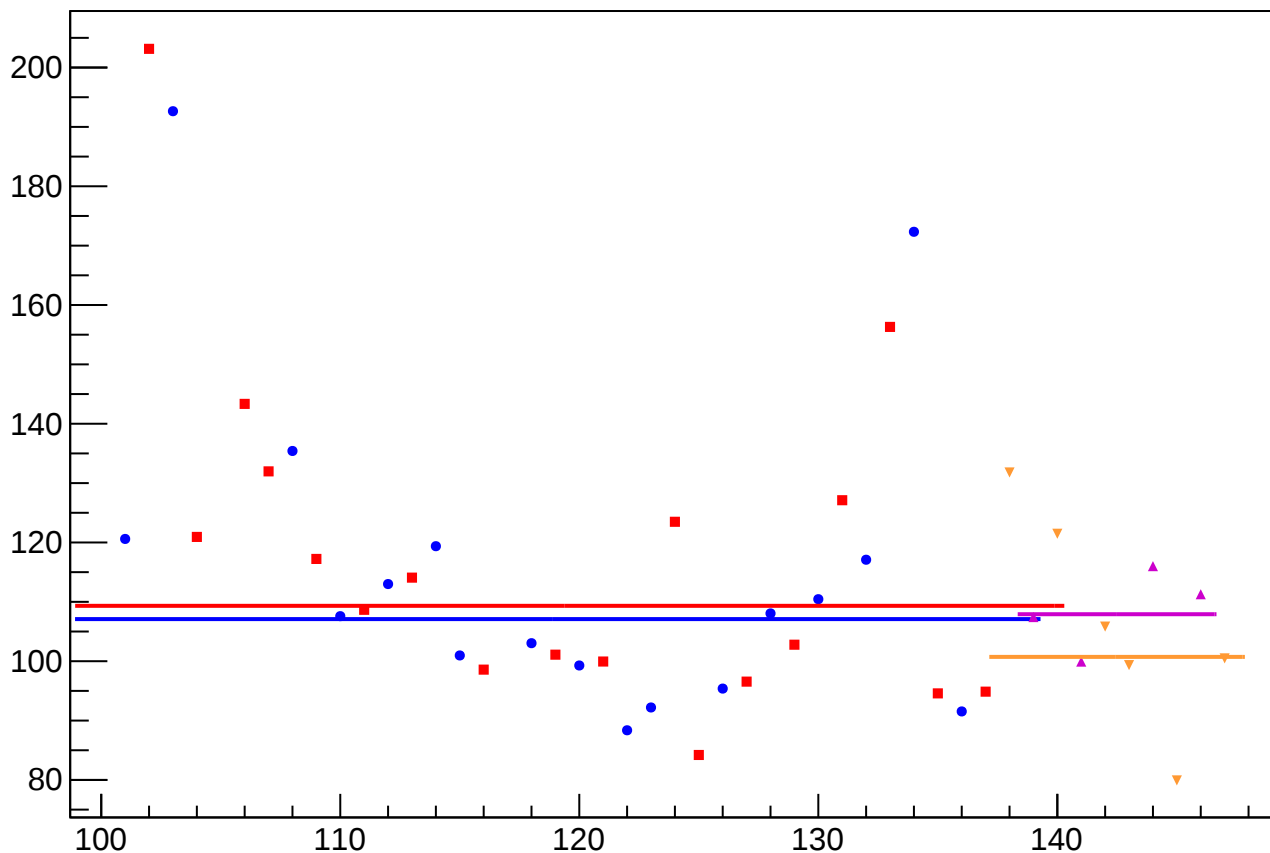
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 27.885 $\pm$ 34.732 χ^2 /NDF: 19.7/20

Out: 71.311 $\pm$ 32.503 χ^2 /NDF: 24.4/23

All: 51.037 $\pm$ 23.732 χ^2 /NDF: 44.9/44

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: 107.915 $\pm$ 0.043 χ^2/NDF :19875.5/3

Left: 103.641 $\pm$ 0.027 χ^2/NDF : 262191.8/9

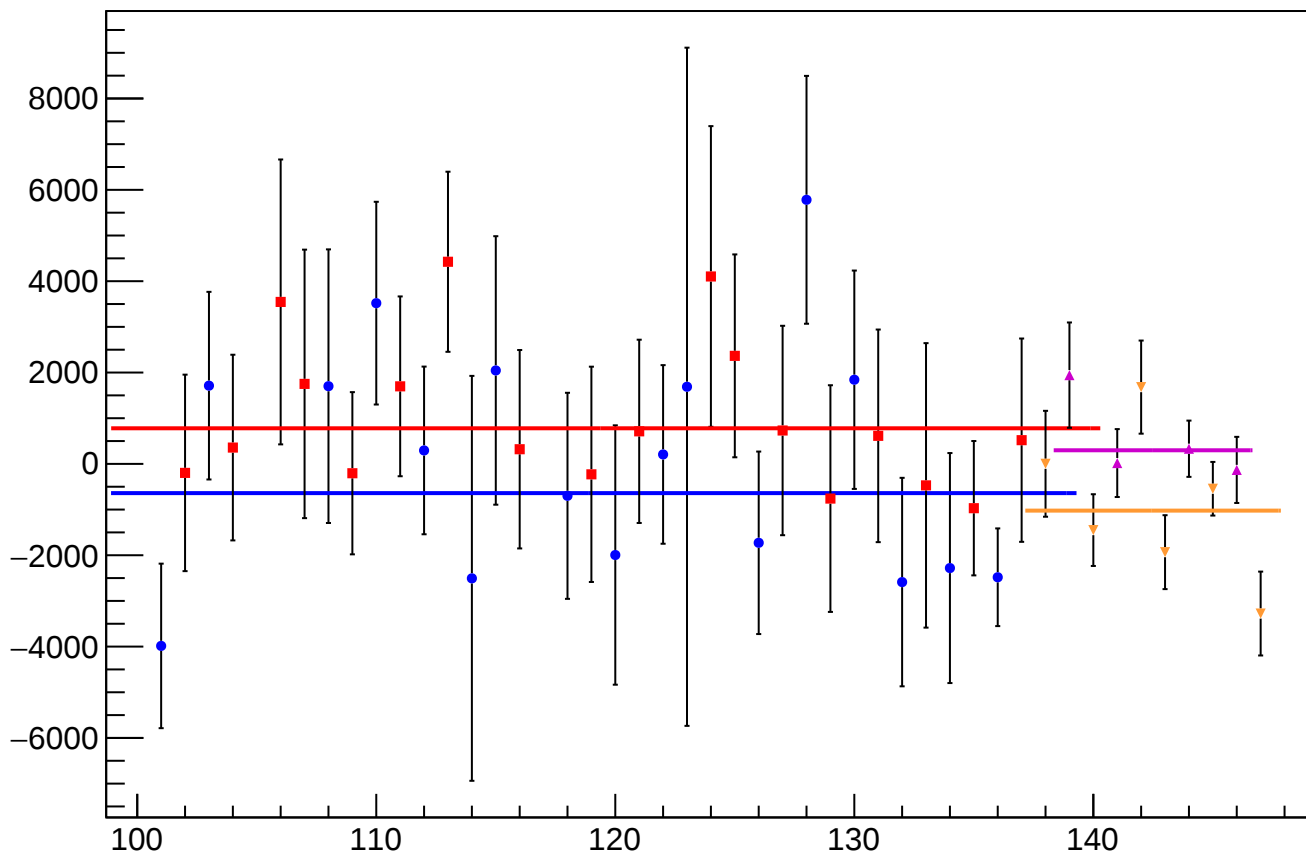
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 107.364 $\pm$ 0.025 χ^2/NDF :457878.1/20

Out: 105.687 $\pm$ 0.023 χ^2/NDF :765750.6/23

All: 106.470 $\pm$ 0.017 χ^2/NDF : 1226114.3/44

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1022.909+/-334.399 χ^2/NDF : 16.1/5

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 298.065+/-375.133 χ^2/NDF : 2.5/3

Left: -438.010+/-249.620 χ^2/NDF : 25.5/9

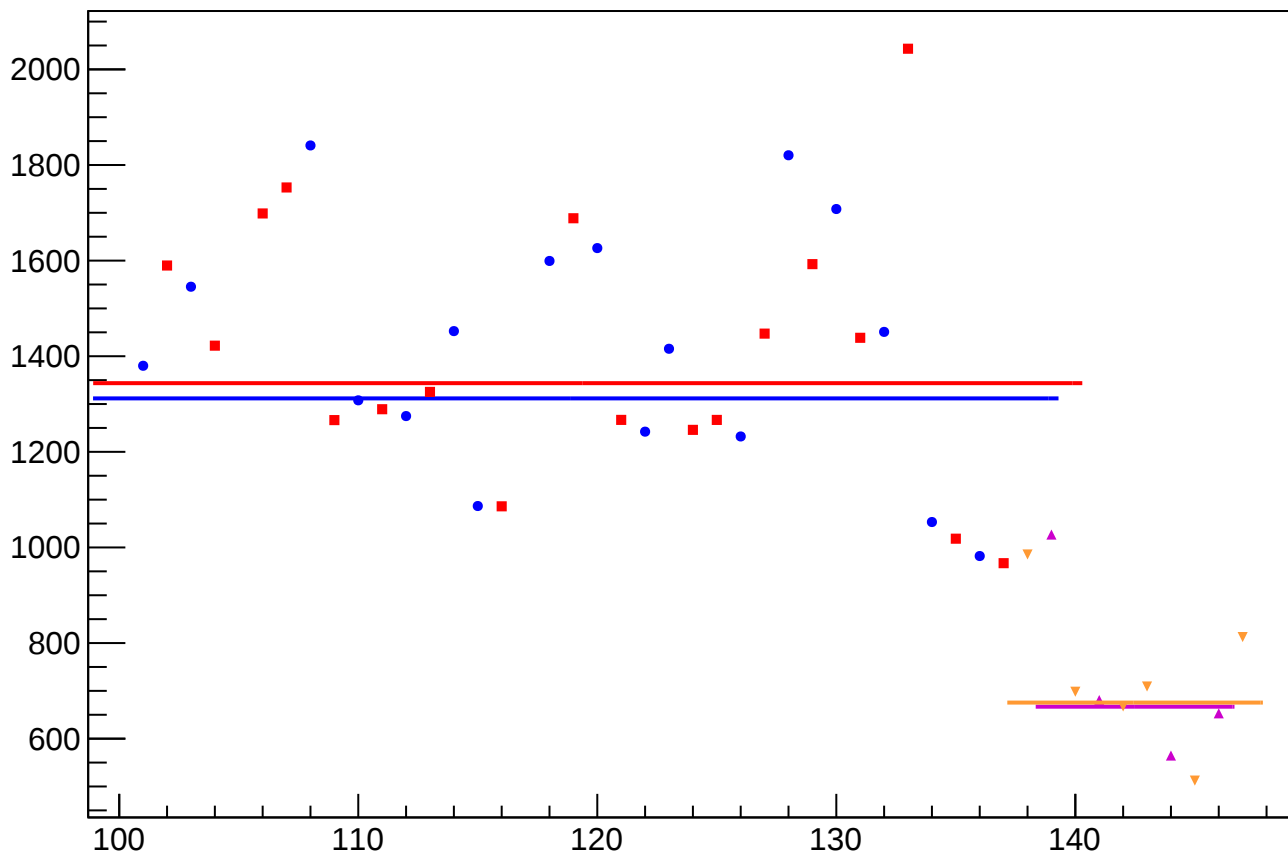
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -23.587+/-304.079 χ^2/NDF : 26.4/20

Out: -490.488+/-280.695 χ^2/NDF : 33.5/23

All: -275.678+/-206.254 χ^2/NDF : 61.2/44

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: 666.912 $\pm$ 0.265 χ^2 /NDF: 251550.7/3

Left: 671.702 $\pm$ 0.177 χ^2 /NDF: 599307.1/9

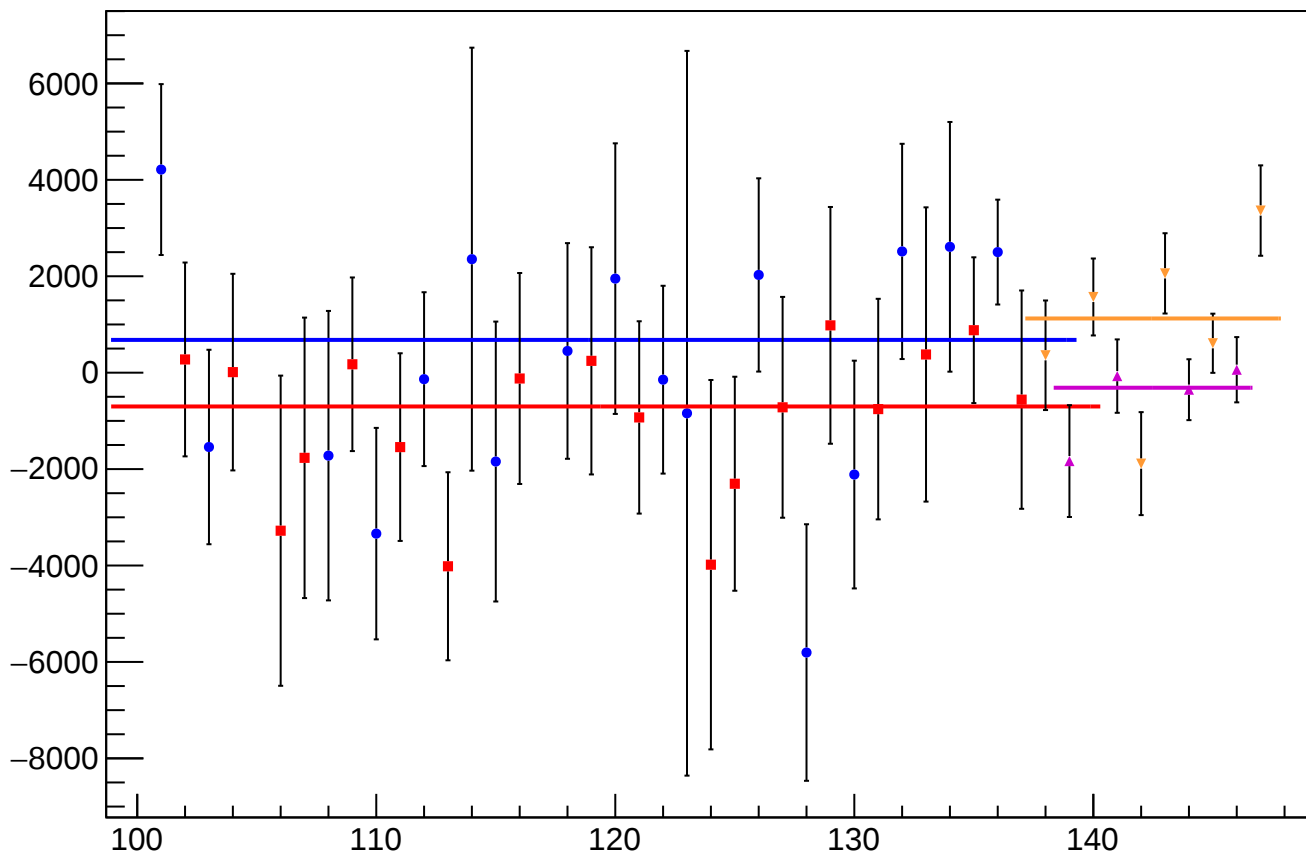
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 888.071 $\pm$ 0.215 χ^2 /NDF: 2791179.3/20

Out: 872.881 $\pm$ 0.198 χ^2 /NDF: 3166827.6/23

All: 879.870 $\pm$ 0.146 χ^2 /NDF: 5960701.5/44

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1124.220 $\pm$ 343.871 χ^2 /NDF:16.4/5

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -312.409 $\pm$ 373.771 χ^2 /NDF:2.1/3

Left: 465.656 $\pm$ 253.065 χ^2 /NDF: 26.5/9

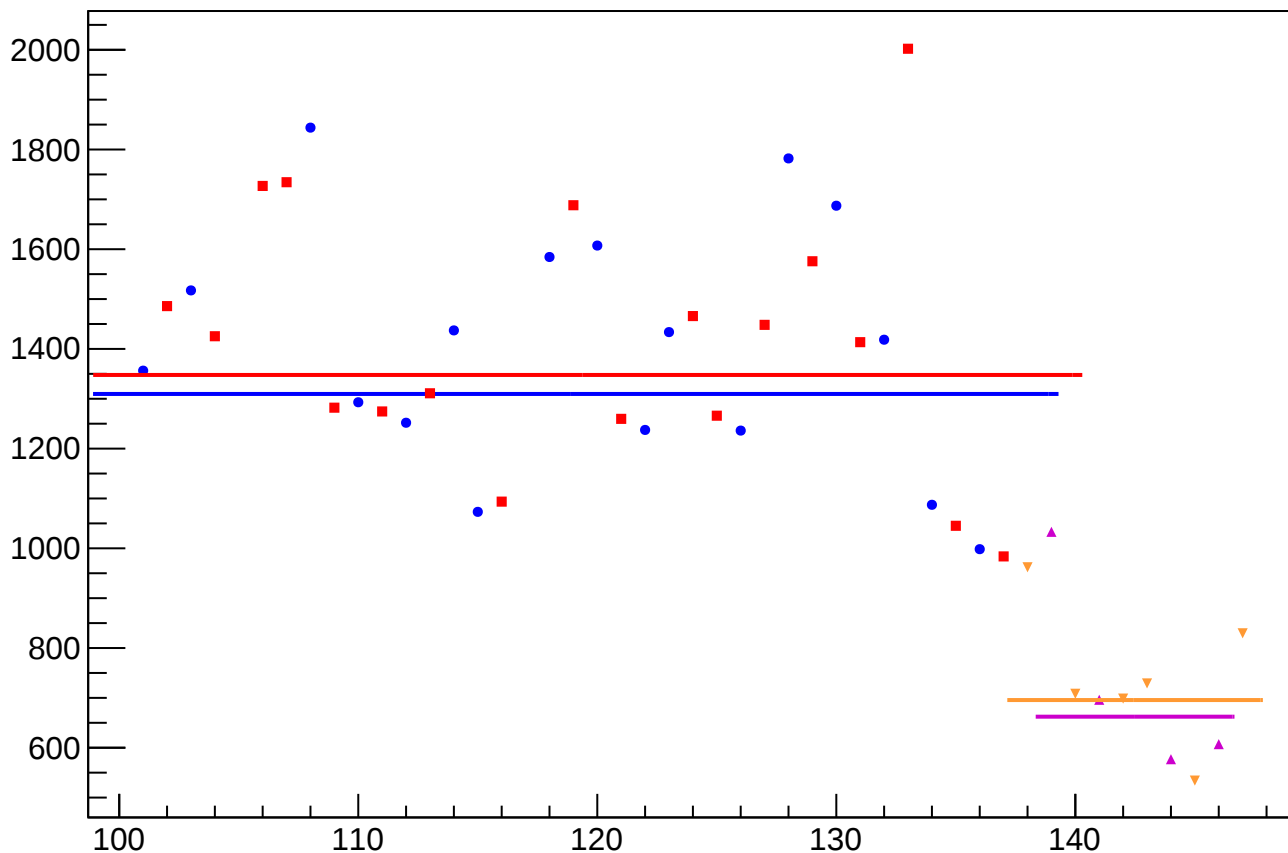
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 27.780 $\pm$ 303.004 χ^2 /NDF:27.1/20

Out: 564.909 $\pm$ 286.376 χ^2 /NDF:32.6/23

All: 311.487 $\pm$ 208.128 χ^2 /NDF: 61.4/44

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 695.638 $\pm$ 0.243 χ^2 /NDF: 293028.8/5

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 662.282 $\pm$ 0.264 χ^2 /NDF: 258133.9/3

Left: 680.347 $\pm$ 0.179 χ^2 /NDF: 559789.2/9

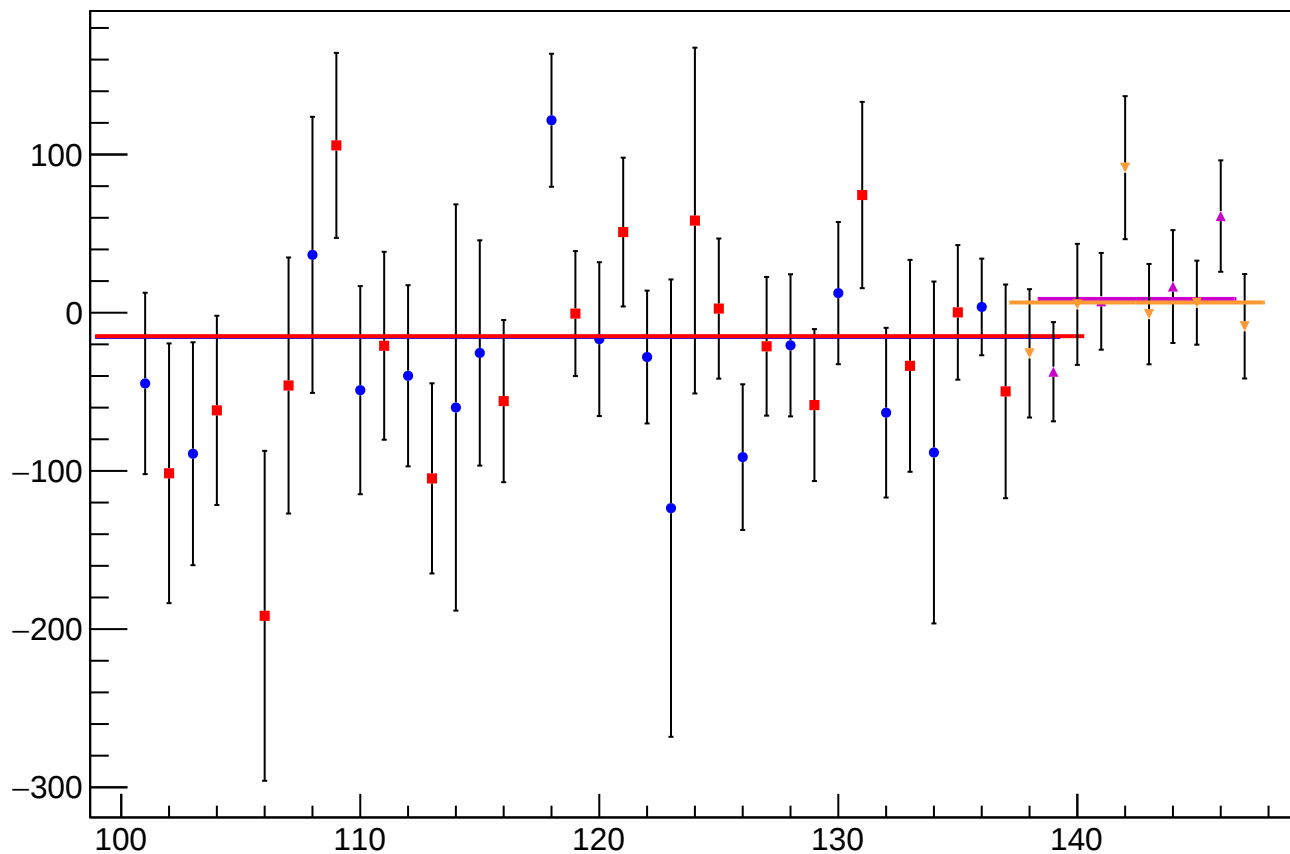
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 884.212 $\pm$ 0.214 χ^2 /NDF: 2774241.9/20

Out: 895.480 $\pm$ 0.202 χ^2 /NDF: 2902624.1/23

All: 890.164 $\pm$ 0.147 χ^2 /NDF: 5678327.0/44

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: 8.717 ± 16.487 χ^2/NDF : 4.4/3

Left: 7.416 ± 10.667 χ^2/NDF : 8.9/9

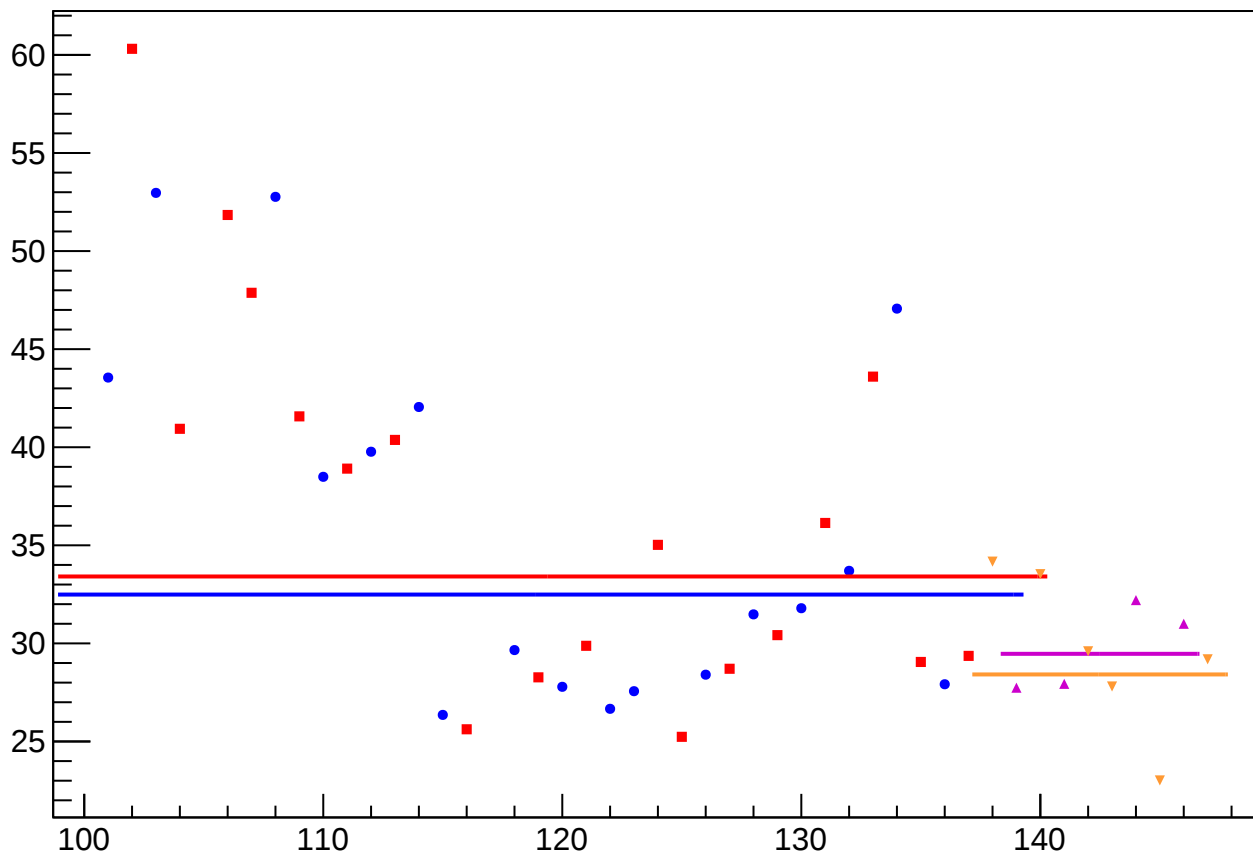
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -6.162 ± 10.163 χ^2/NDF : 24.0/20

Out: -4.880 ± 9.561 χ^2/NDF : 23.9/23

All: -5.482 ± 6.964 χ^2/NDF : 47.9/44

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: 29.468+/-0.012 χ^2/NDF : 26654.0/3

Left: 28.857+/-0.008 χ^2/NDF : 193305.7/9

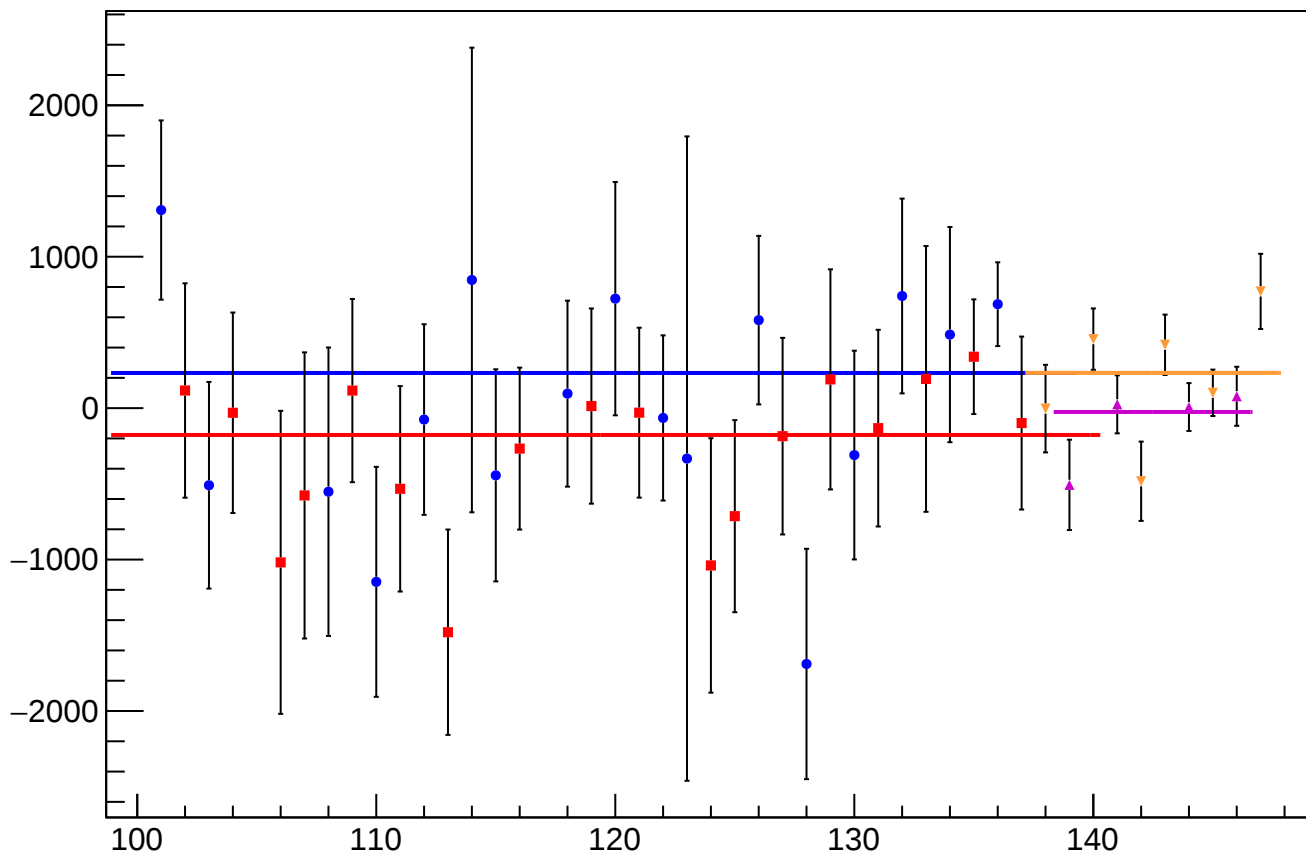
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 31.341+/-0.007 χ^2/NDF : 662771.5/20

Out: 31.078+/-0.007 χ^2/NDF : 1022941.6/23

All: 31.202+/-0.005 χ^2/NDF : 1686422.7/44

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: -25.305 $\pm$ 97.655 χ^2 /NDF:3.0/3

Left: 119.910 $\pm$ 64.576 χ^2 /NDF: 22.6/9

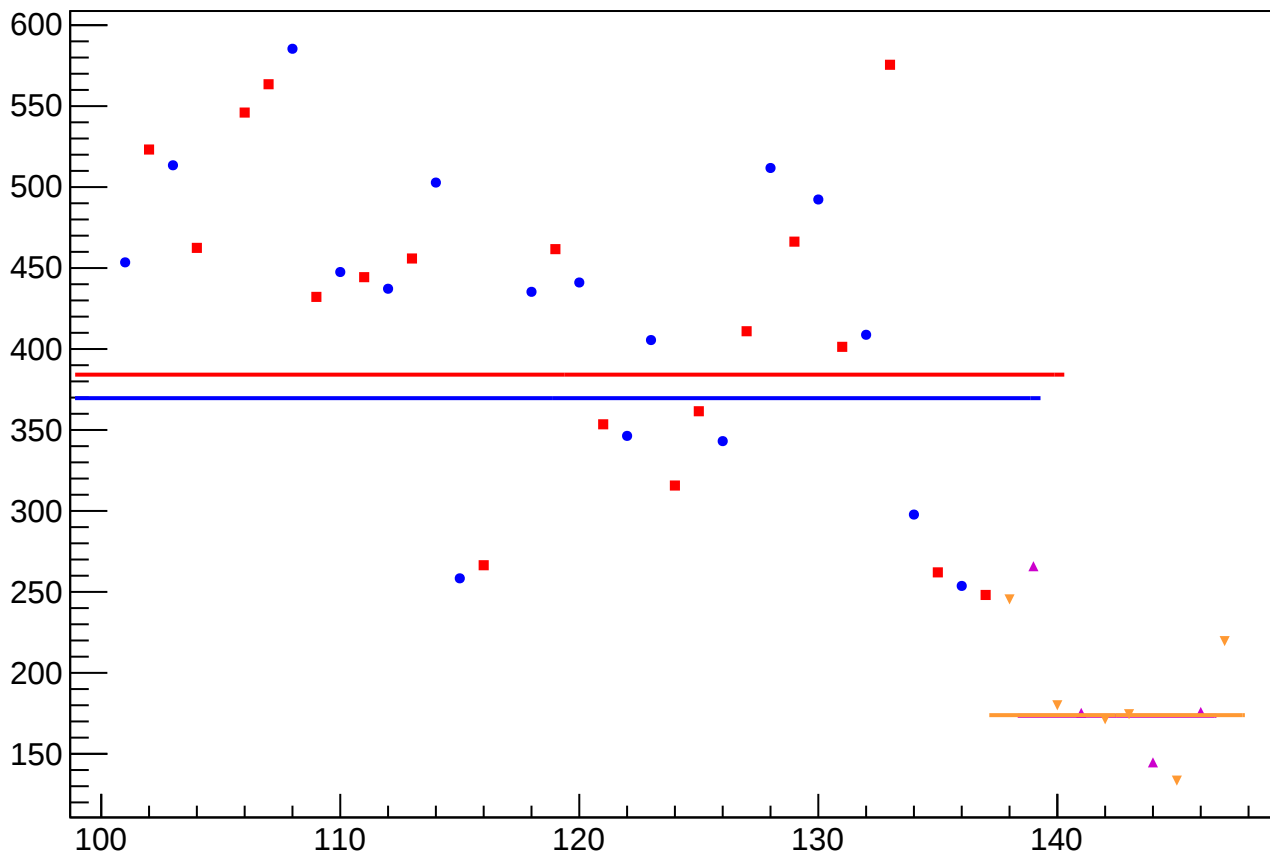
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 52.396 $\pm$ 81.611 χ^2 /NDF:26.6/20

Out: 131.199 $\pm$ 74.664 χ^2 /NDF:30.8/23

All: 95.294 $\pm$ 55.088 χ^2 /NDF: 57.9/44

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: 173.484 $\pm$ 0.069 χ^2 /NDF:258634.1/3

Left: 173.713 $\pm$ 0.046 χ^2 /NDF: 589964.1/9

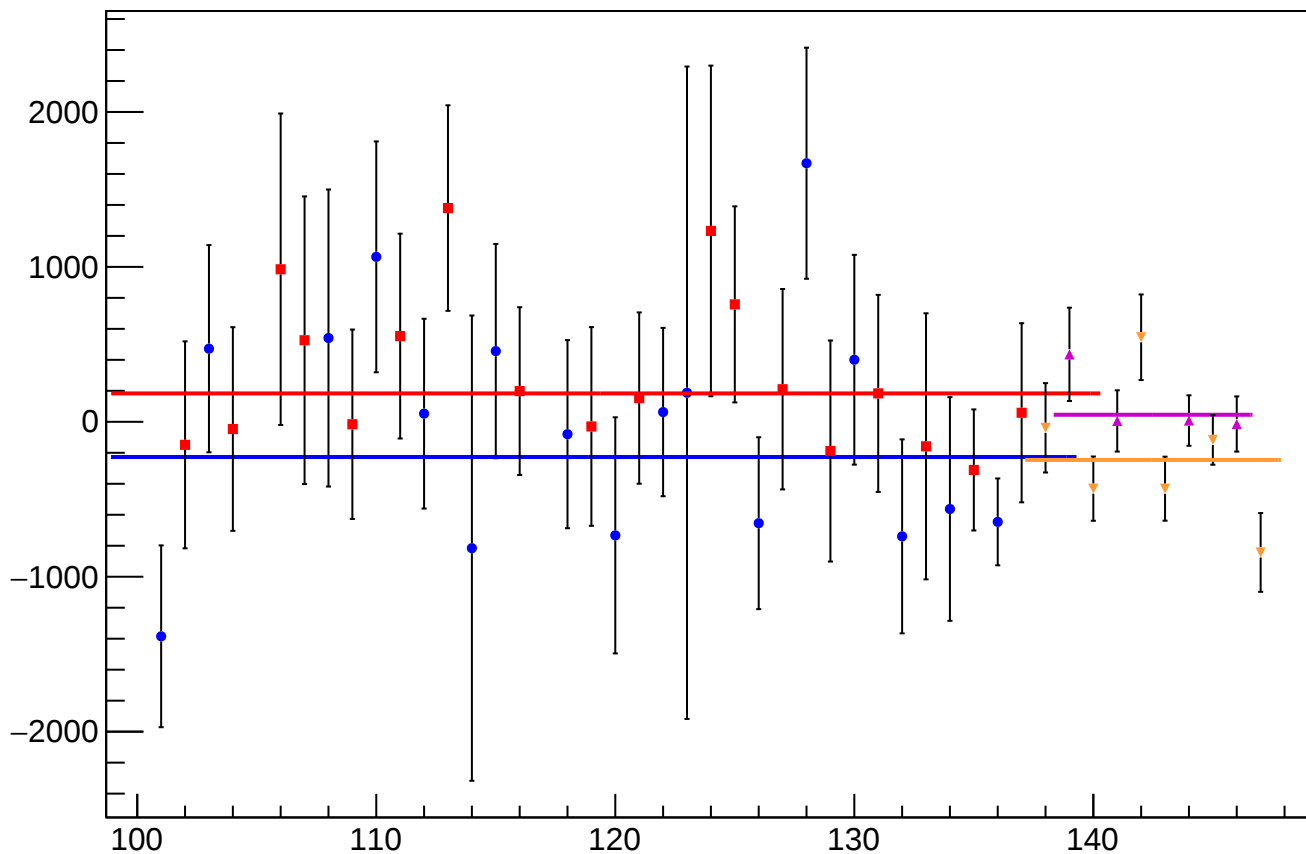
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 232.646 $\pm$ 0.058 χ^2 /NDF:3595321.6/20

Out: 225.989 $\pm$ 0.053 χ^2 /NDF:4162868.9/23

All: 229.022 $\pm$ 0.039 χ^2 /NDF: 7765435.4/44

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: 45.491 ± 97.235 $\chi^2/\text{NDF}: 1.9/3$

Left: -113.091 ± 65.666 $\chi^2/\text{NDF}: 23.3/9$

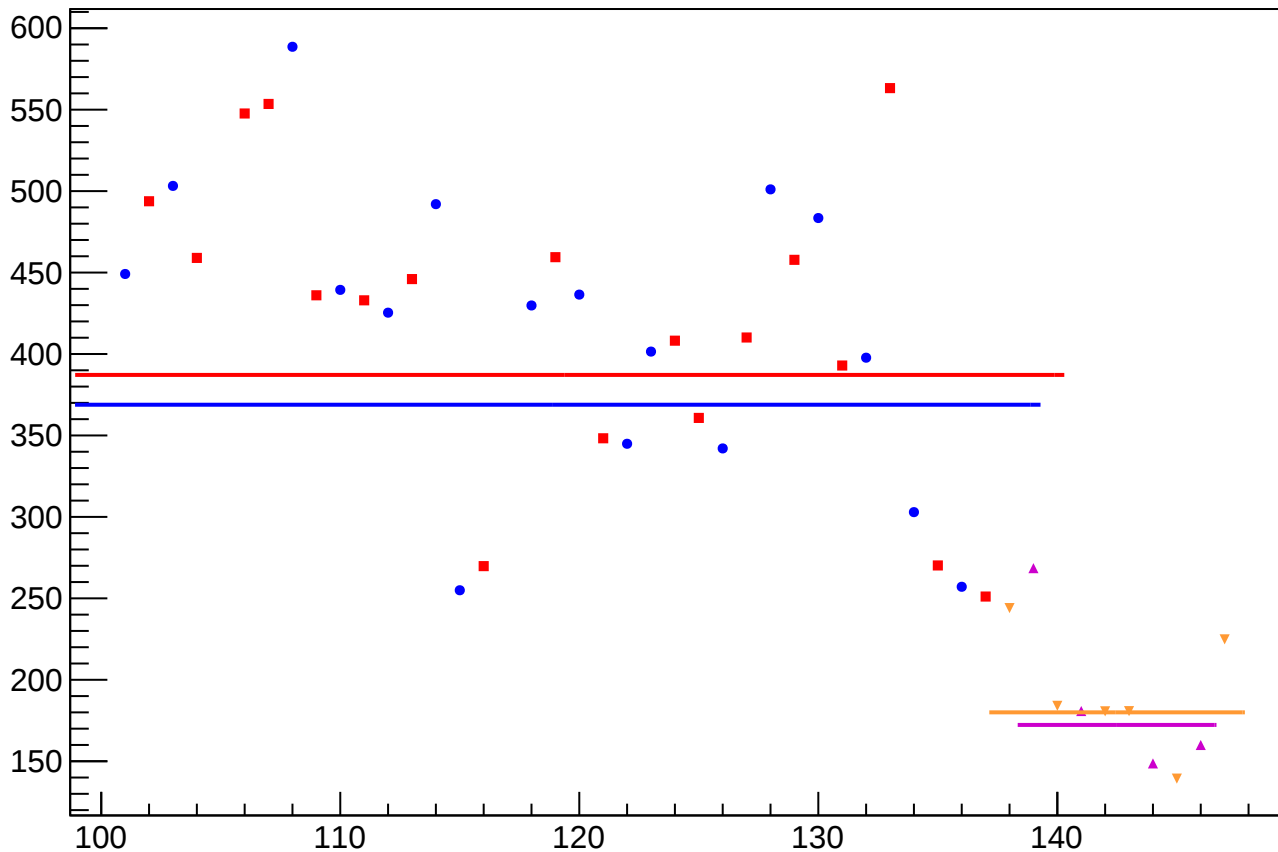
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -36.809 ± 81.253 $\chi^2/\text{NDF}: 26.1/20$

Out: -134.724 ± 76.628 $\chi^2/\text{NDF}: 31.3/23$

All: -88.632 ± 55.748 $\chi^2/\text{NDF}: 58.2/44$

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: 172.294 $\pm$ 0.069 χ^2 /NDF: 259506.1/3

Left: 176.494 $\pm$ 0.046 χ^2 /NDF: 556496.5/9

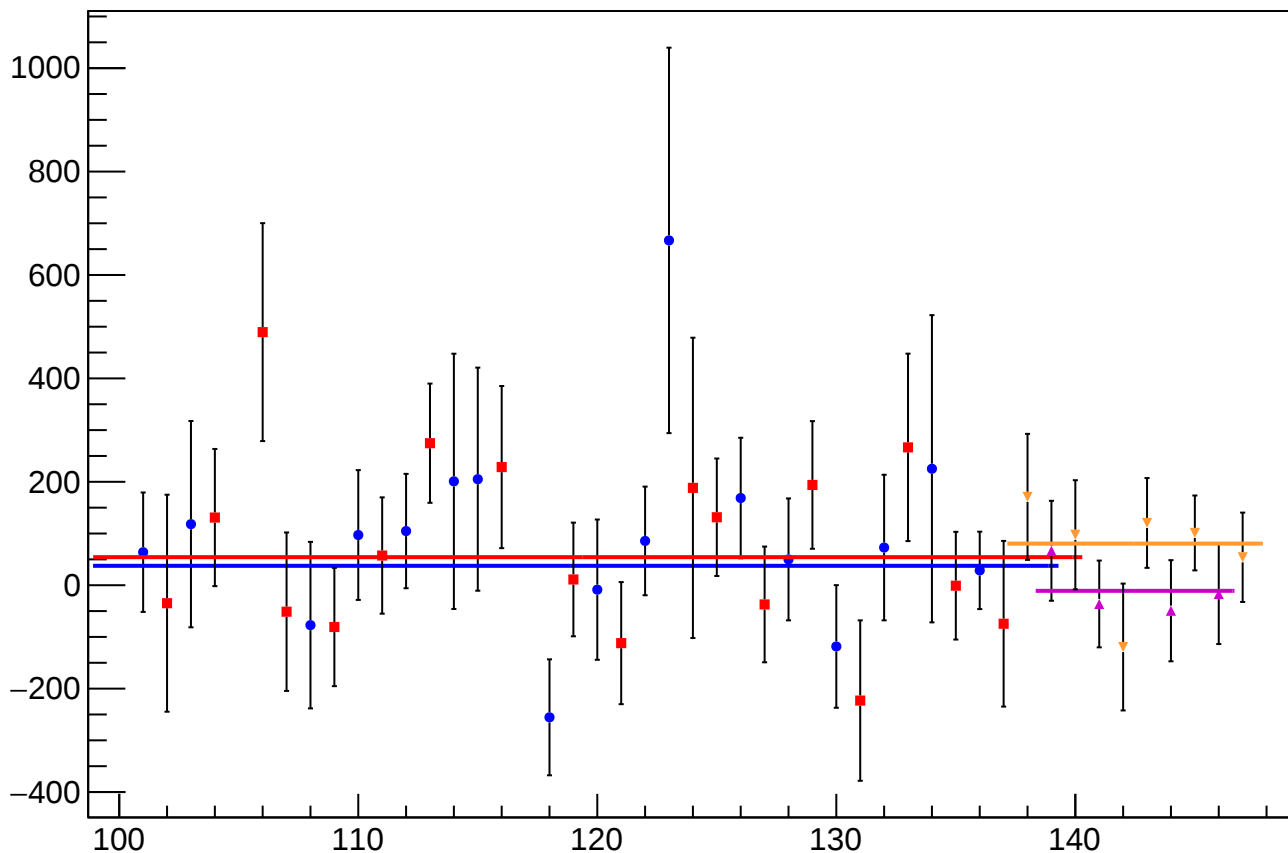
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 231.604 $\pm$ 0.057 χ^2 /NDF: 3555390.3/20

Out: 233.727 $\pm$ 0.054 χ^2 /NDF: 3855285.6/23

All: 232.728 $\pm$ 0.039 χ^2 /NDF: 7411399.1/44

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: -10.858 $\pm$ 46.589 χ^2 /NDF: 0.9/3

Left: 43.626 $\pm$ 29.599 χ^2 /NDF: 6.8/9

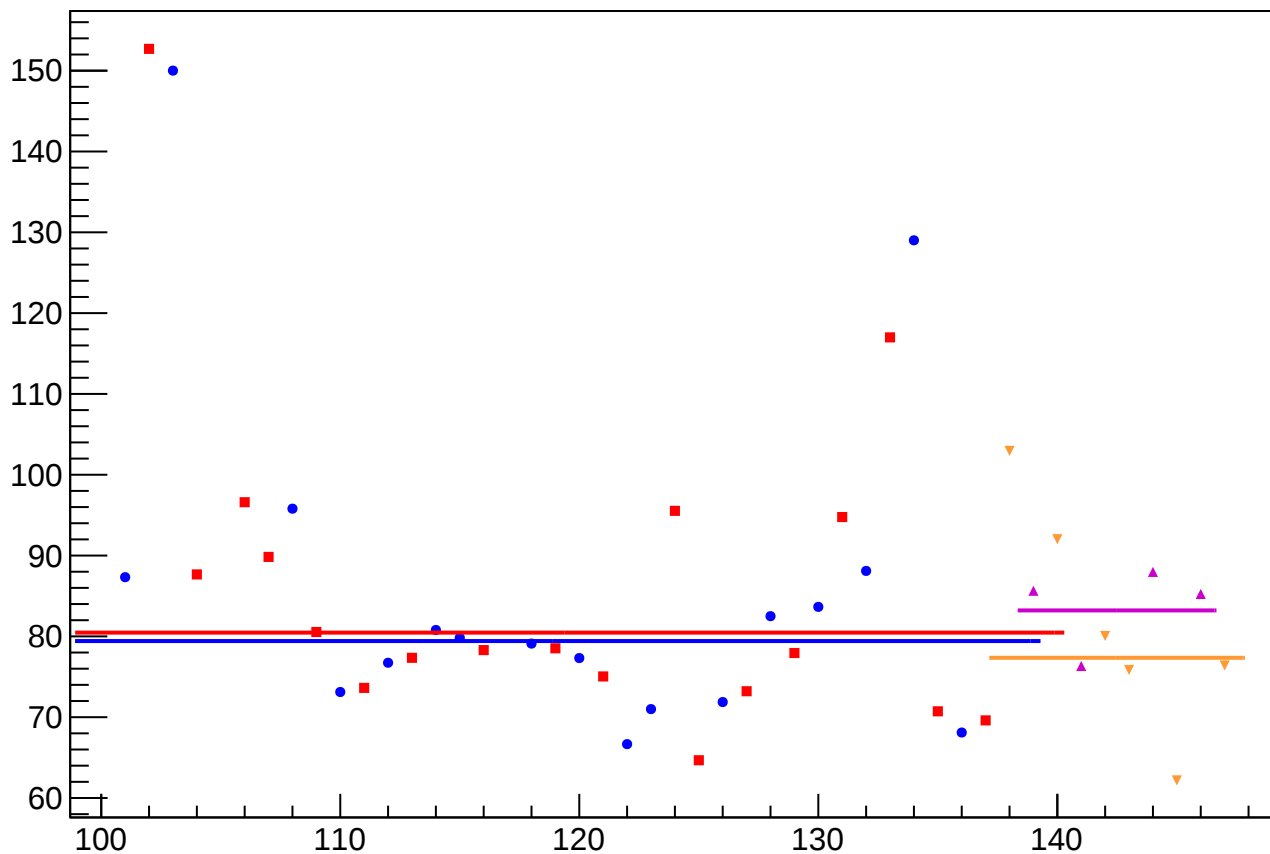
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 22.379 $\pm$ 26.072 χ^2 /NDF: 17.5/20

Out: 64.843 $\pm$ 24.331 χ^2 /NDF: 25.7/23

All: 45.077 $\pm$ 17.788 χ^2 /NDF: 44.6/44

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 77.350+/-0.027 χ^2/NDF : 216462.0/5

Right Out: 80.465+/-0.022 χ^2/NDF : 454376.0/17

Left In: 83.211+/-0.033 χ^2/NDF : 20350.7/3

Left: 79.716+/-0.021 χ^2/NDF : 255687.2/9

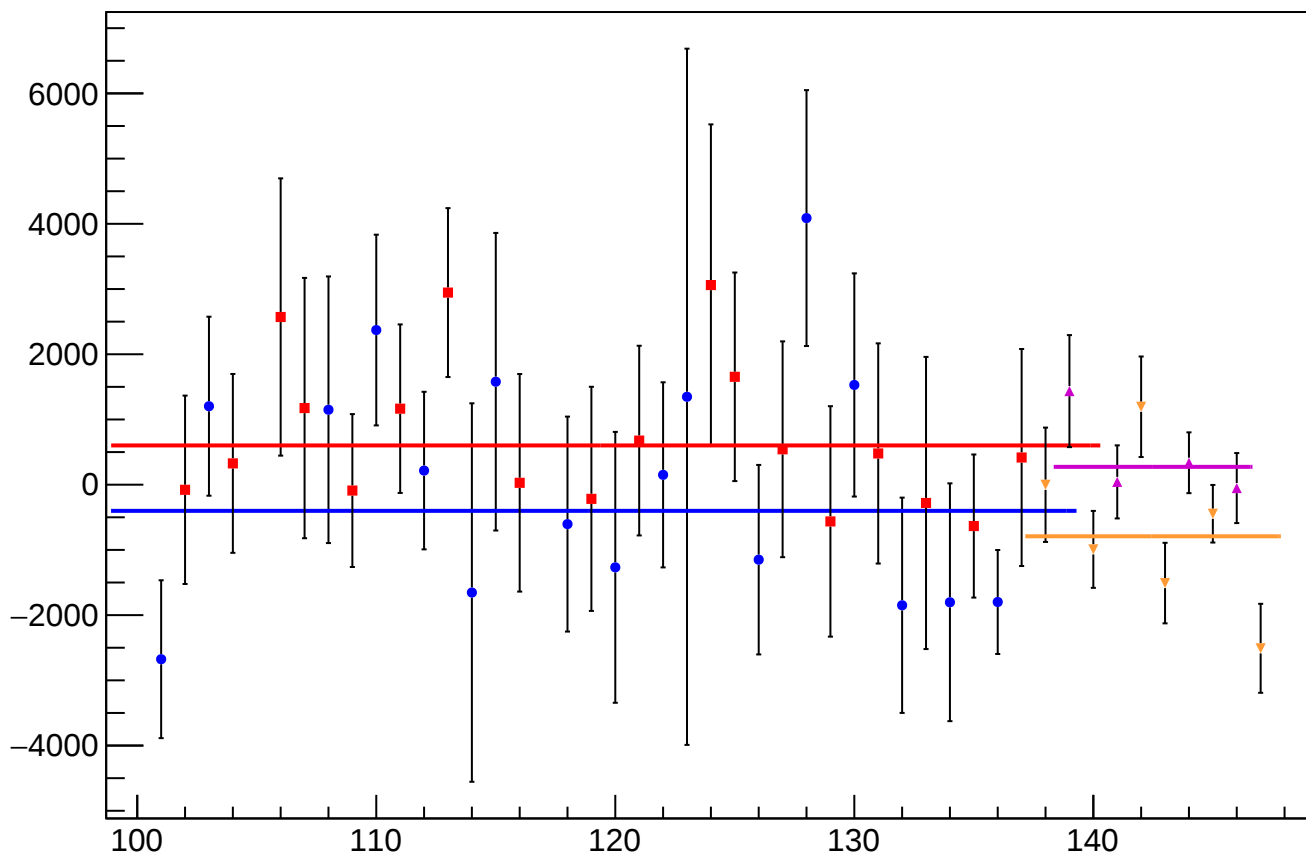
Right: 79.943+/-0.016 χ^2/NDF : 894523.3/34

In: 80.608+/-0.018 χ^2/NDF : 468486.5/20

Out: 79.210+/-0.017 χ^2/NDF : 678725.2/23

All: 79.861+/-0.013 χ^2/NDF : 1150285.7/44

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: 273.560+/-281.570 χ^2/NDF :2.4/3

Left: -317.940+/-187.735 χ^2/NDF : 26.2/9

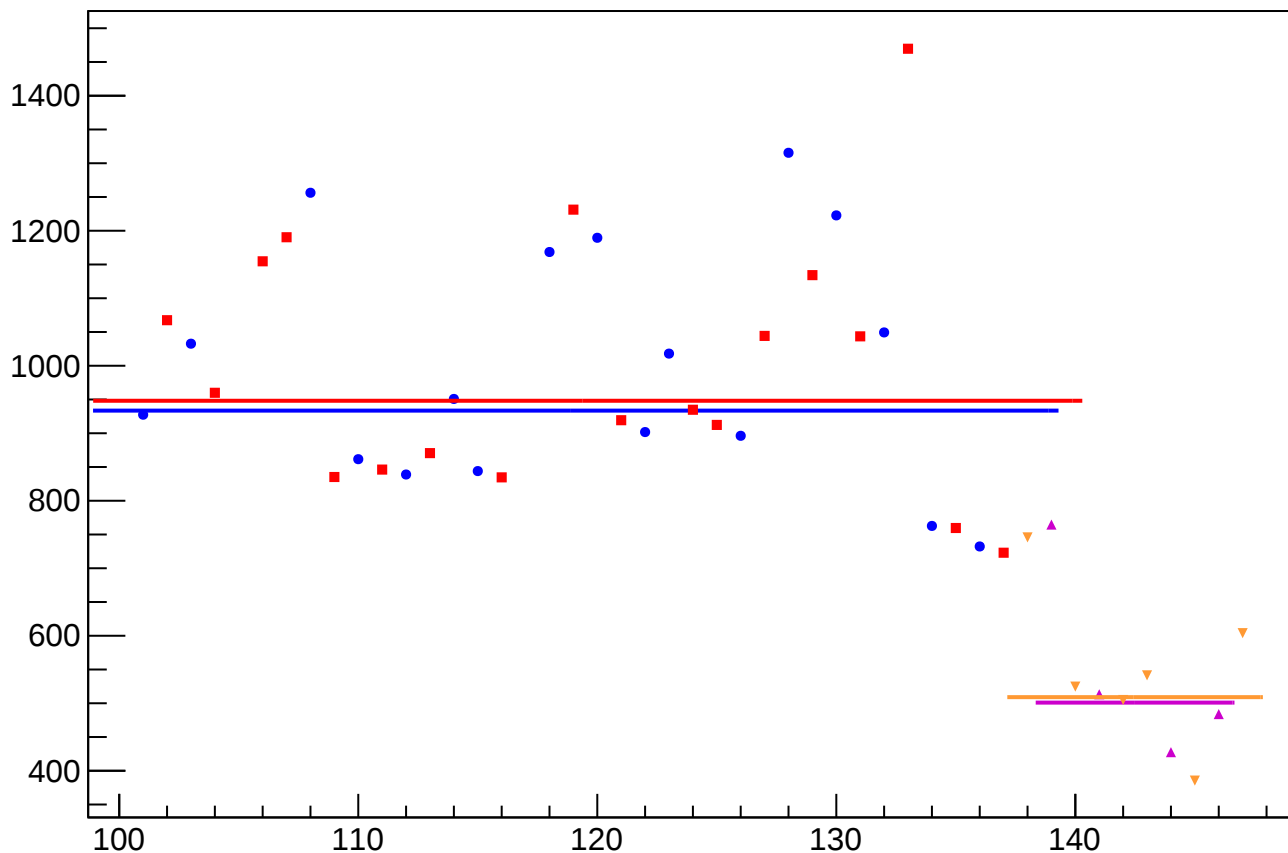
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 24.866+/-223.728 χ^2/NDF :26.4/20

Out: -339.627+/-207.074 χ^2/NDF :34.5/23

All: -171.450+/-151.971 χ^2/NDF : 62.3/44

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: 500.967 $\pm$ 0.199 χ^2 /NDF: 241177.5/3

Left: 505.455 $\pm$ 0.133 χ^2 /NDF: 590166.8/9

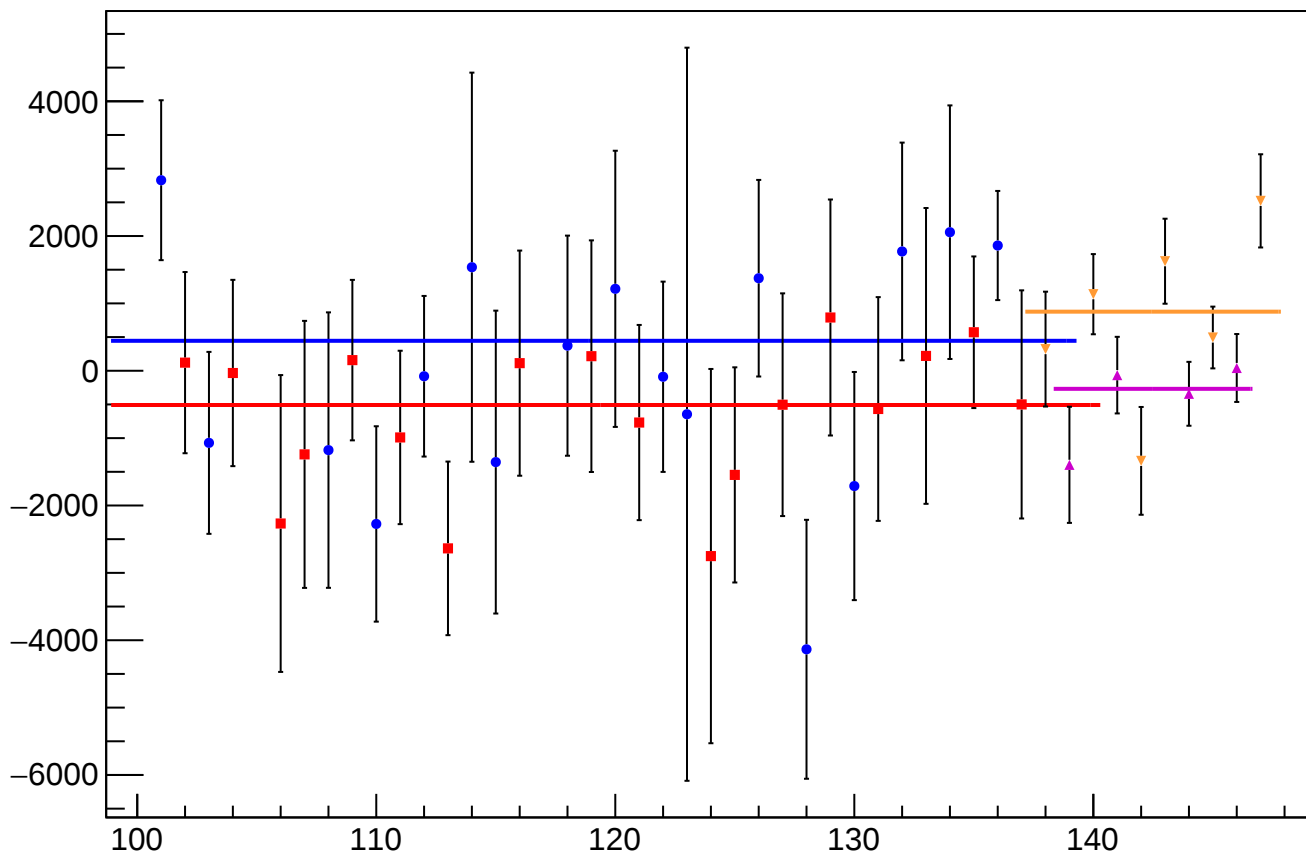
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 660.431 $\pm$ 0.158 χ^2 /NDF: 2423593.9/20

Out: 651.408 $\pm$ 0.146 χ^2 /NDF: 2723476.8/23

All: 655.571 $\pm$ 0.107 χ^2 /NDF: 5148823.0/44

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: -268.308 $\pm$ 279.263 χ^2 /NDF:2.2/3

Left: 351.655 $\pm$ 189.164 χ^2 /NDF: 27.4/9

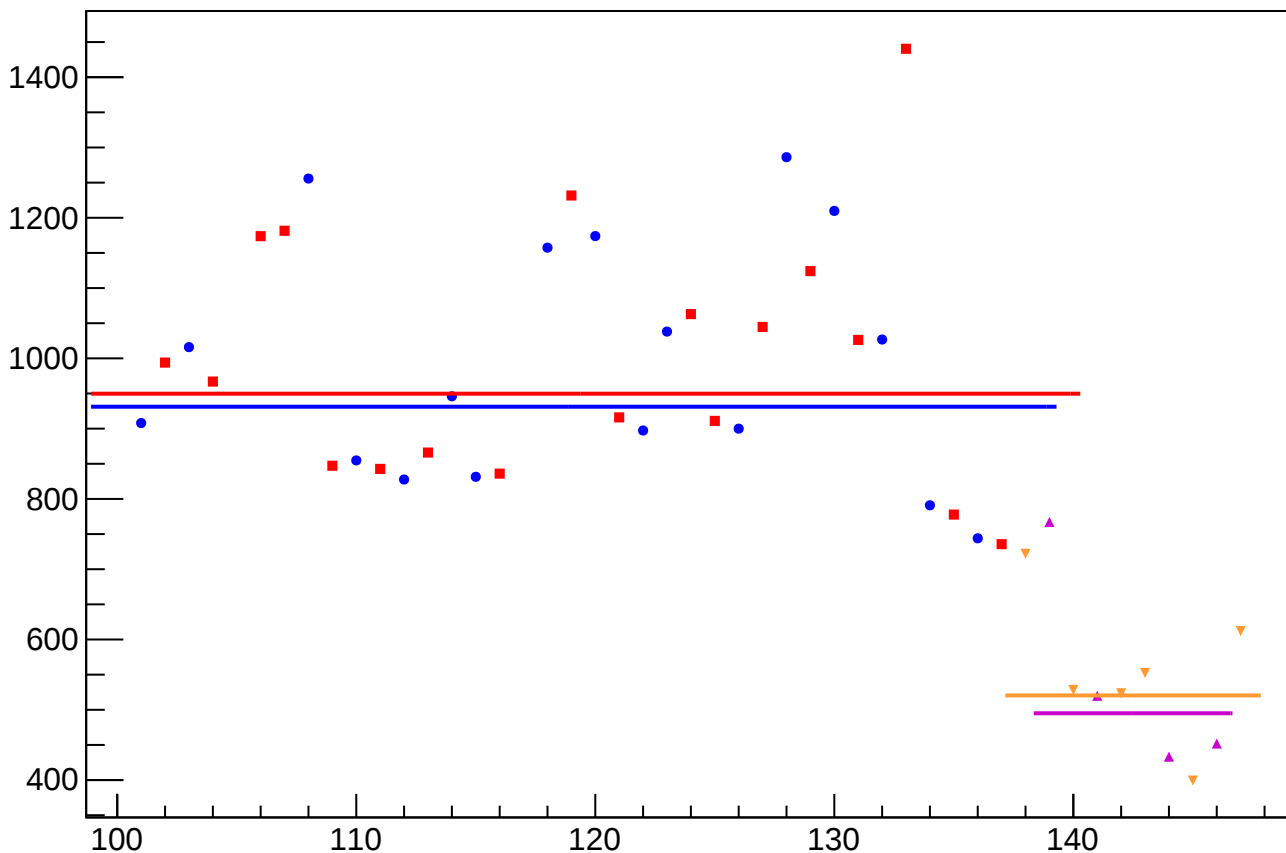
Right: -35.668 $\pm$ 258.516 χ^2 /NDF: 33.6/34

In: -6.951 $\pm$ 222.260 χ^2 /NDF:27.5/20

Out: 416.229 $\pm$ 210.043 χ^2 /NDF:33.0/23

All: 216.589 $\pm$ 152.659 χ^2 /NDF: 62.4/44

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: 495.041+/-0.197 χ^2/NDF : 251831.4/3

Left: 508.760+/-0.134 χ^2/NDF : 552757.1/9

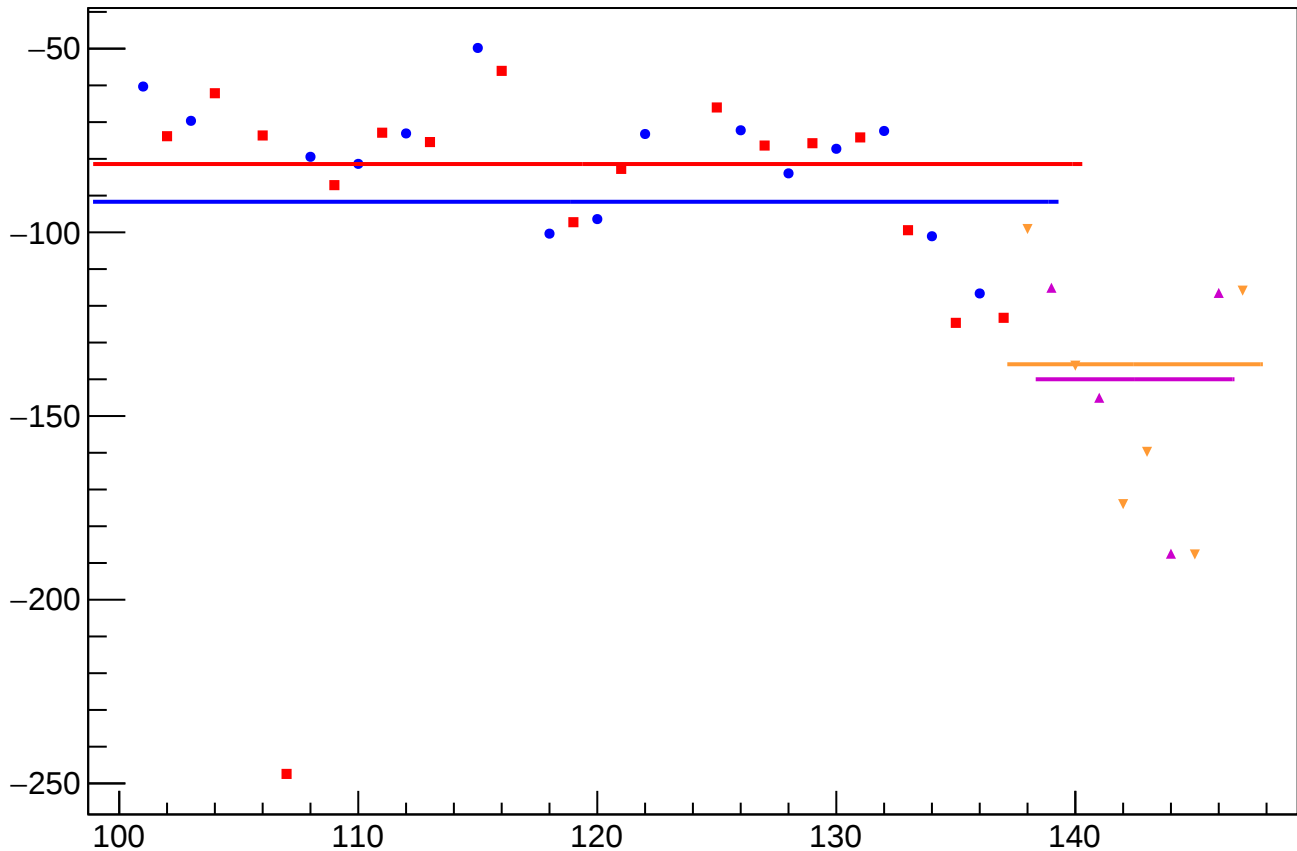
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 654.925+/-0.157 χ^2/NDF : 2440442.9/20

Out: 663.267+/-0.149 χ^2/NDF : 2513034.9/23

All: 659.331+/-0.108 χ^2/NDF : 4954965.9/44

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 $\pm$ 0.070 χ^2 /NDF: 64621.9/14

Left Out: -135.907 $\pm$ 0.197 χ^2 /NDF:12415.1/5

Right Out: -81.406 $\pm$ 0.098 χ^2 /NDF: 41708.8/16

Left In: -139.994 $\pm$ 0.140 χ^2 /NDF:17280.0/3

Left: -138.619 $\pm$ 0.114 χ^2 /NDF: 29979.8/9

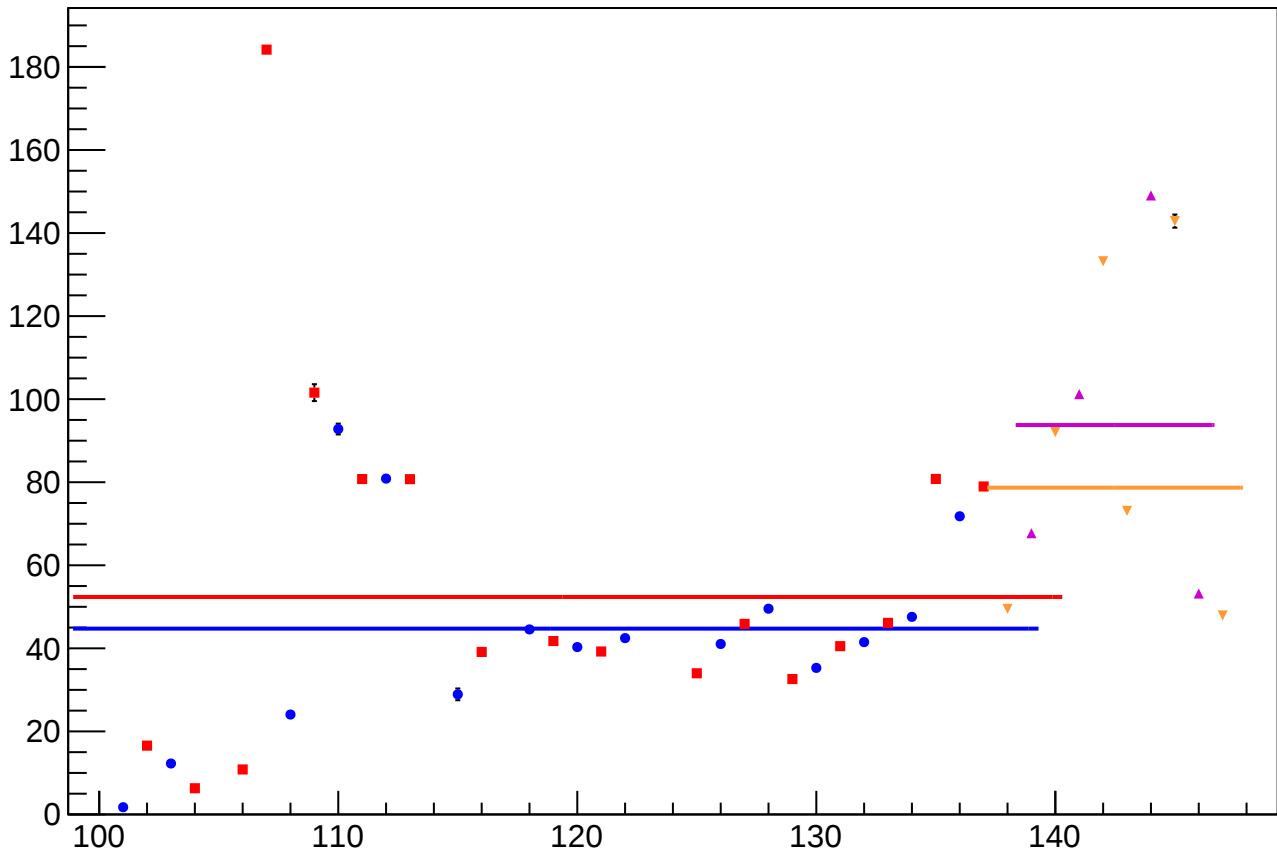
Right: -88.221 $\pm$ 0.057 χ^2 /NDF: 113551.1/31

In: -101.317 $\pm$ 0.063 χ^2 /NDF:176571.3/18

Out: -92.275 $\pm$ 0.088 χ^2 /NDF:115221.1/22

All: -98.274 $\pm$ 0.051 χ^2 /NDF: 298780.1/41

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 +/- 0.061 χ^2/NDF : 84697.9/14

Left Out: 78.687 +/- 0.201 χ^2/NDF : 20438.7/5

Right Out: 52.367 +/- 0.113 χ^2/NDF : 69285.2/16

Left In: 93.773 +/- 0.144 χ^2/NDF : 24527.2/3

Left: 88.645 +/- 0.117 χ^2/NDF : 48680.5/9

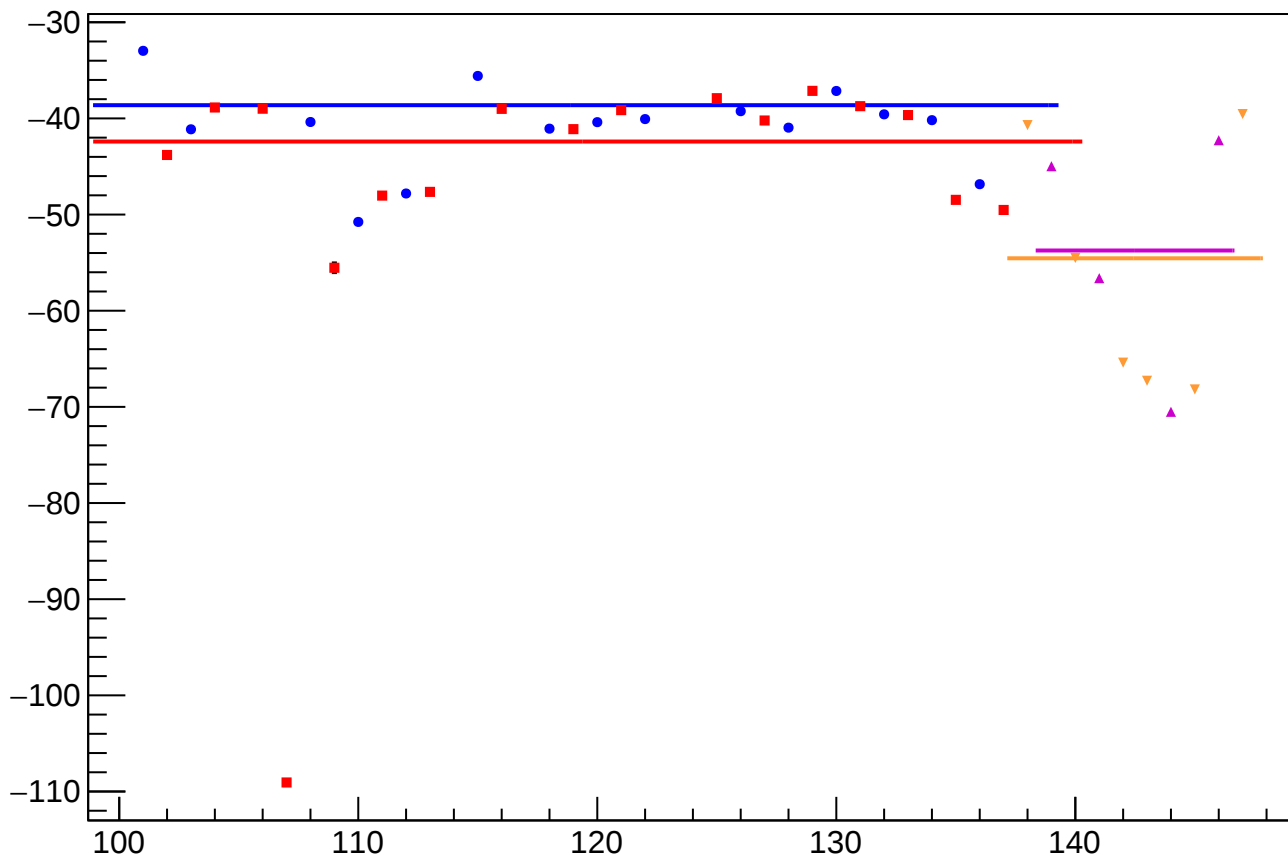
Right: 46.456 +/- 0.053 χ^2/NDF : 157538.4/31

In: 52.088 +/- 0.056 χ^2/NDF : 207353.7/18

Out: 58.645 +/- 0.098 χ^2/NDF : 102765.7/22

All: 53.690 +/- 0.049 χ^2/NDF : 313487.4/41

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: -53.737 ± 0.041 χ^2/NDF : 32059.2/3

Left: -54.121 ± 0.030 χ^2/NDF : 103996.3/9

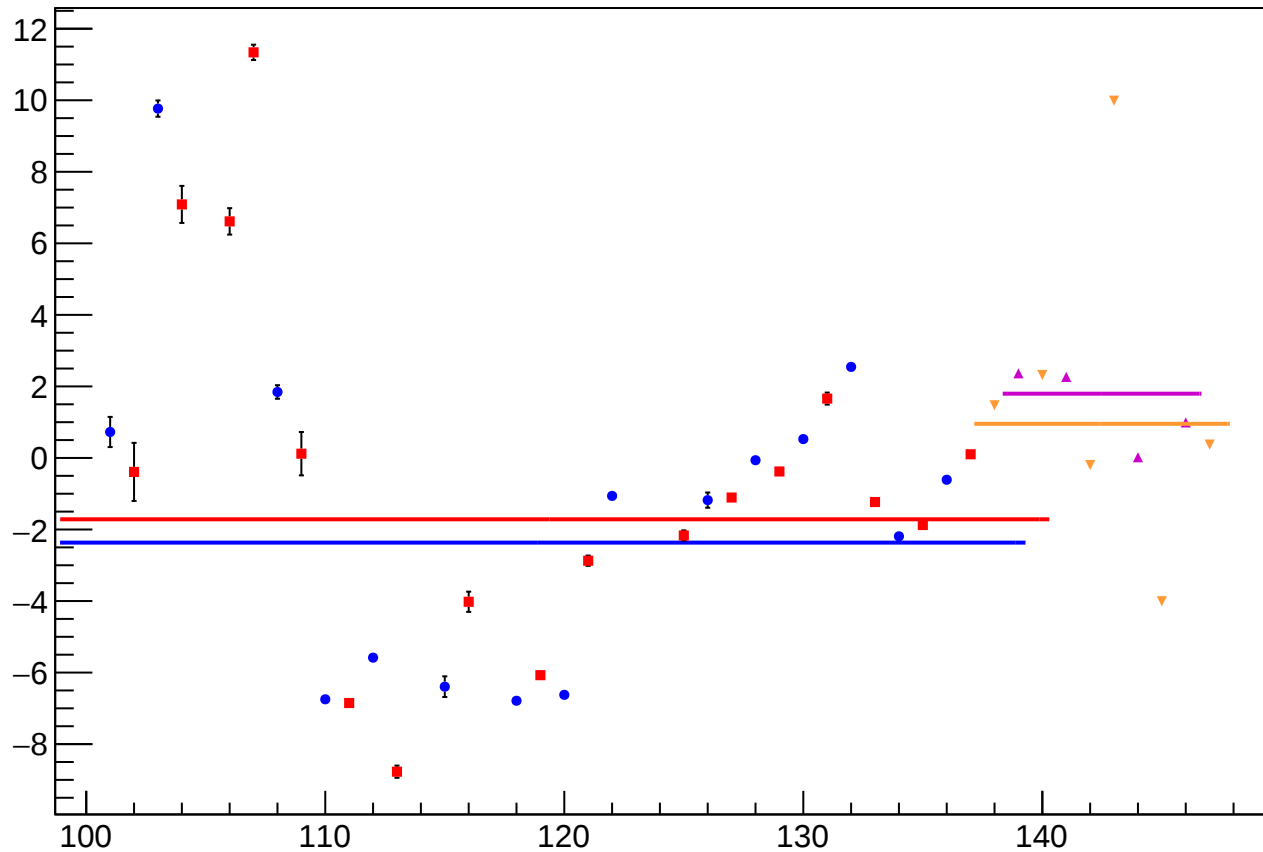
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.218 ± 0.008 χ^2/NDF : 403268.4/18

Out: -44.784 ± 0.019 χ^2/NDF : 404604.6/22

All: -40.068 ± 0.007 χ^2/NDF : 879904.1/41

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 0.955 ± 0.020 χ^2/NDF : 10090.6/5

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.797 ± 0.018 χ^2/NDF : 1624.6/3

Left: 1.423 ± 0.013 χ^2/NDF : 12725.8/9

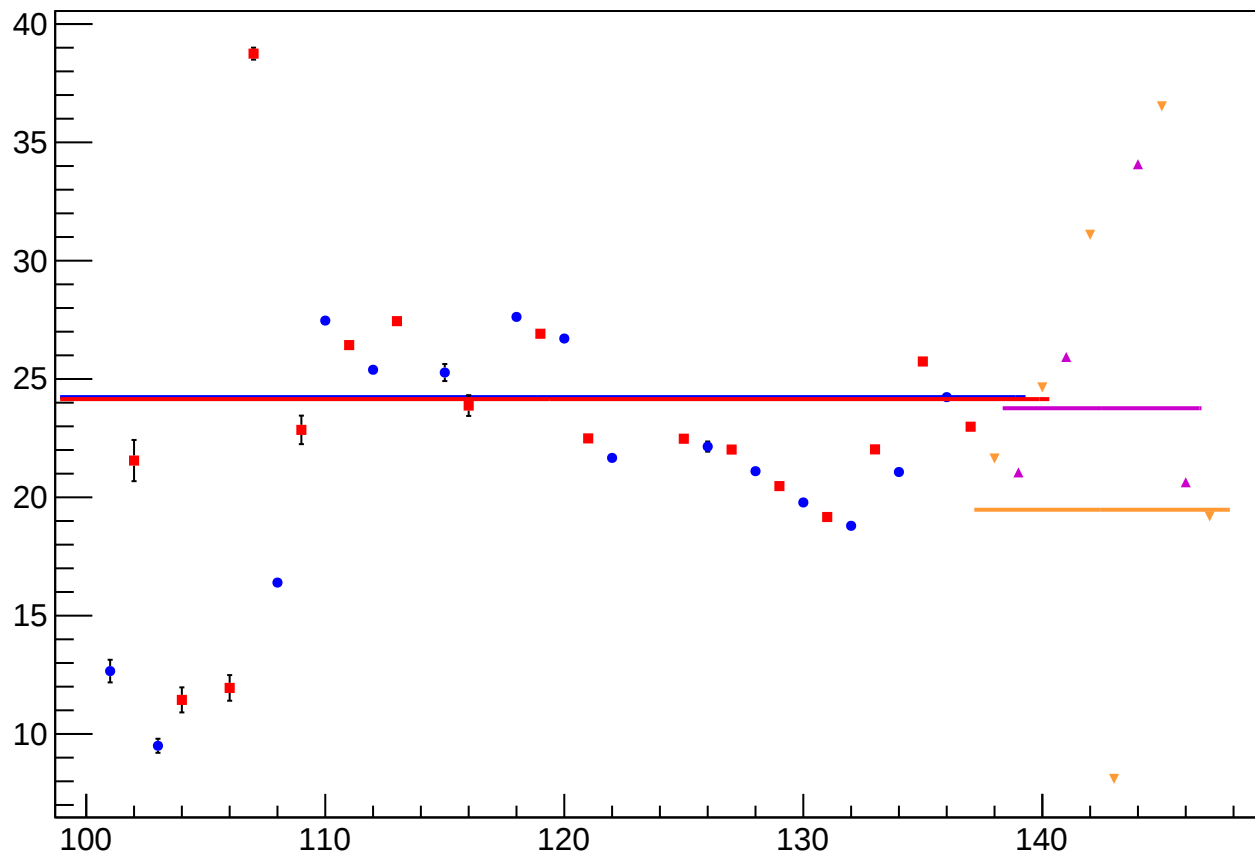
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.750 ± 0.011 χ^2/NDF : 64417.2/18

Out: 0.024 ± 0.016 χ^2/NDF : 29181.5/22

All: -0.500 ± 0.009 χ^2/NDF : 95194.4/41

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2/NDF : 21896.9/14

Left Out: 19.476 $\pm$ 0.031 χ^2/NDF :37991.5/5

Right Out: 24.150 $\pm$ 0.024 χ^2/NDF : 13222.6/16

Left In: 23.765 $\pm$ 0.029 χ^2/NDF :14071.5/3

Left: 21.746 $\pm$ 0.021 χ^2/NDF : 62420.2/9

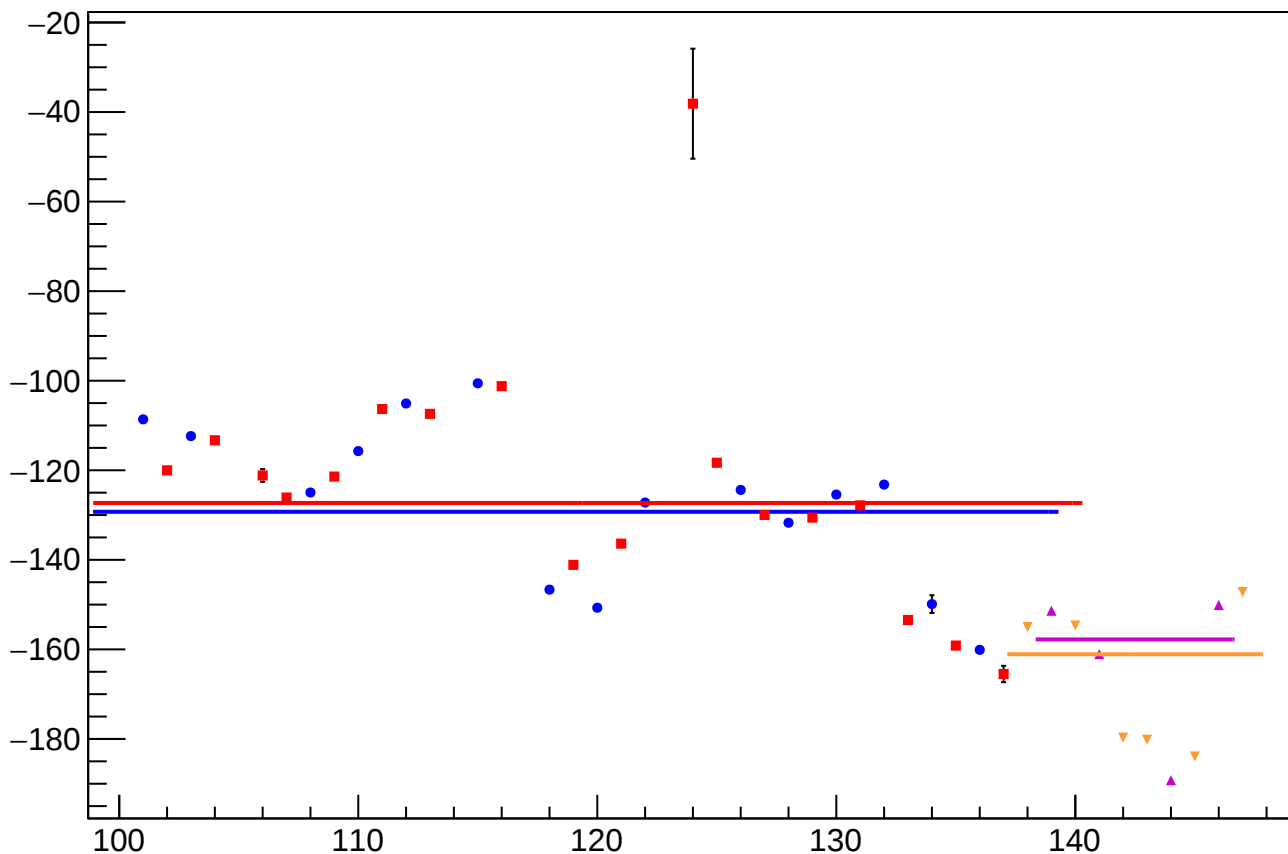
Right: 24.197 $\pm$ 0.016 χ^2/NDF : 35126.2/31

In: 24.063 $\pm$ 0.018 χ^2/NDF :36135.7/18

Out: 22.340 $\pm$ 0.019 χ^2/NDF :65457.9/22

All: 23.275 $\pm$ 0.013 χ^2/NDF : 106015.6/41

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: -157.770 ± 0.117 χ^2/NDF : 10886.9/3

Left: -159.421 ± 0.083 χ^2/NDF : 24969.8/9

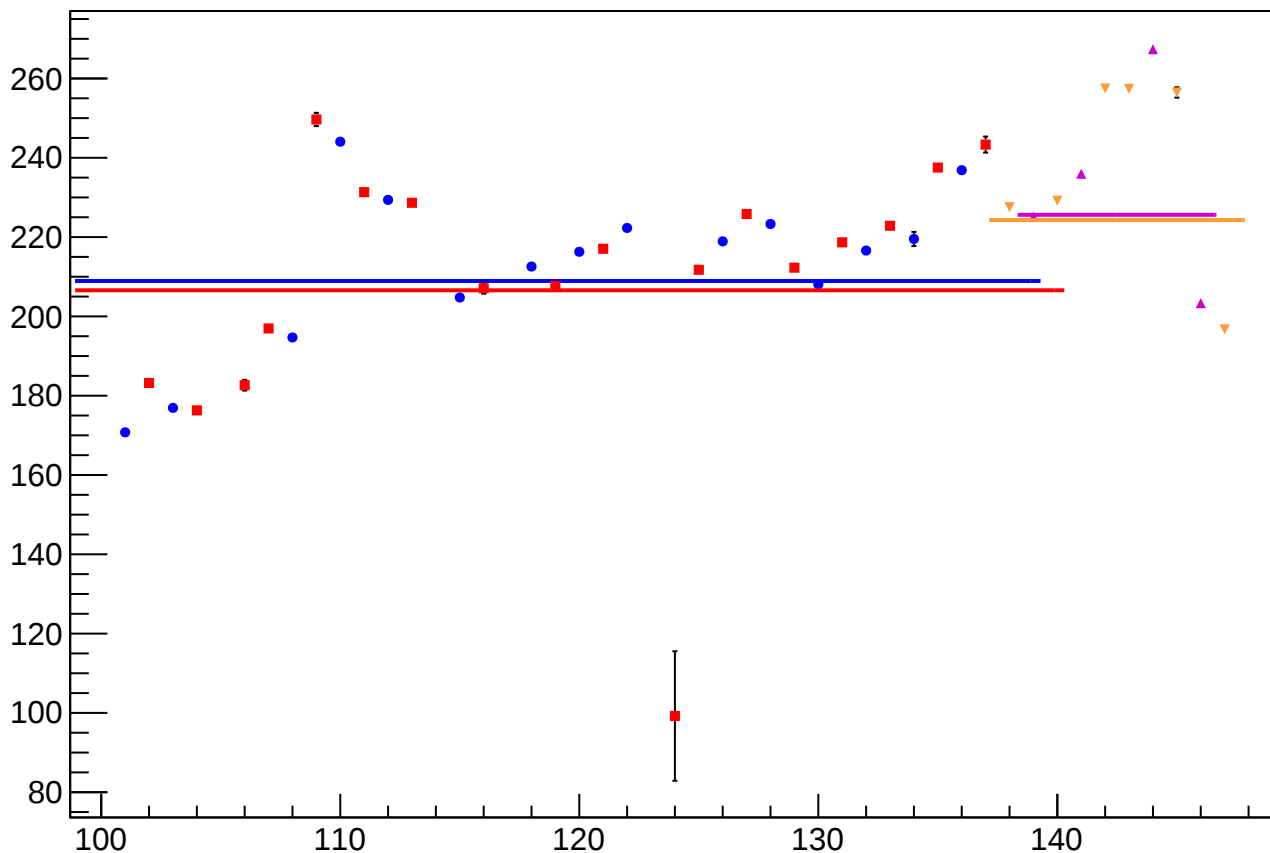
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -139.572 ± 0.070 χ^2/NDF : 84094.4/18

Out: -138.839 ± 0.068 χ^2/NDF : 98091.7/23

All: -139.196 ± 0.049 χ^2/NDF : 182242.1/42

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: 225.622 $\pm$ 0.119 χ^2/NDF :24703.5/3

Left: 224.898 $\pm$ 0.081 χ^2/NDF : 75797.7/9

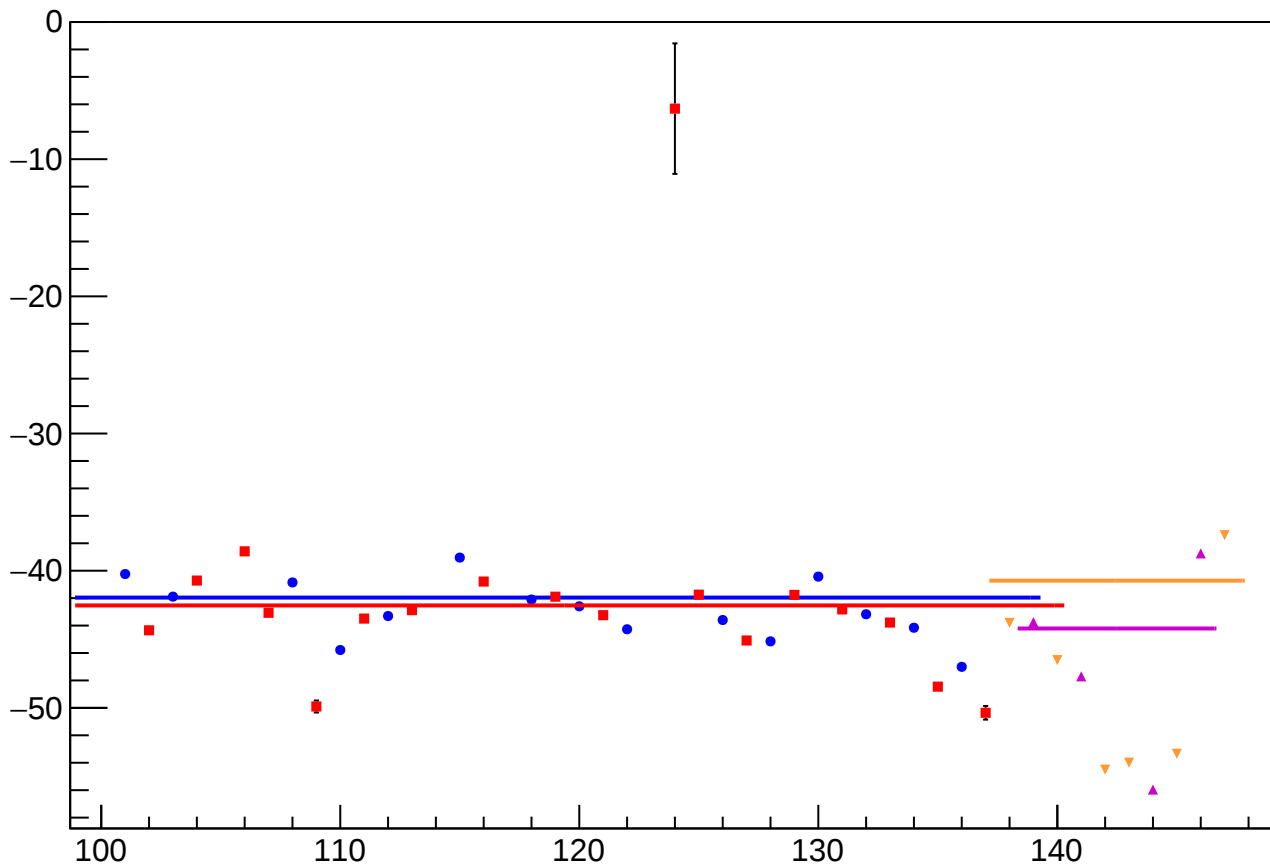
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 214.920 $\pm$ 0.071 χ^2/NDF :81942.8/18

Out: 213.086 $\pm$ 0.066 χ^2/NDF :115886.0/23

All: 213.933 $\pm$ 0.049 χ^2/NDF : 198183.5/42

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: -44.213±/0.021 χ^2 /NDF:28917.4/3

Left: -41.812±/0.012 χ^2 /NDF: 199941.7/9

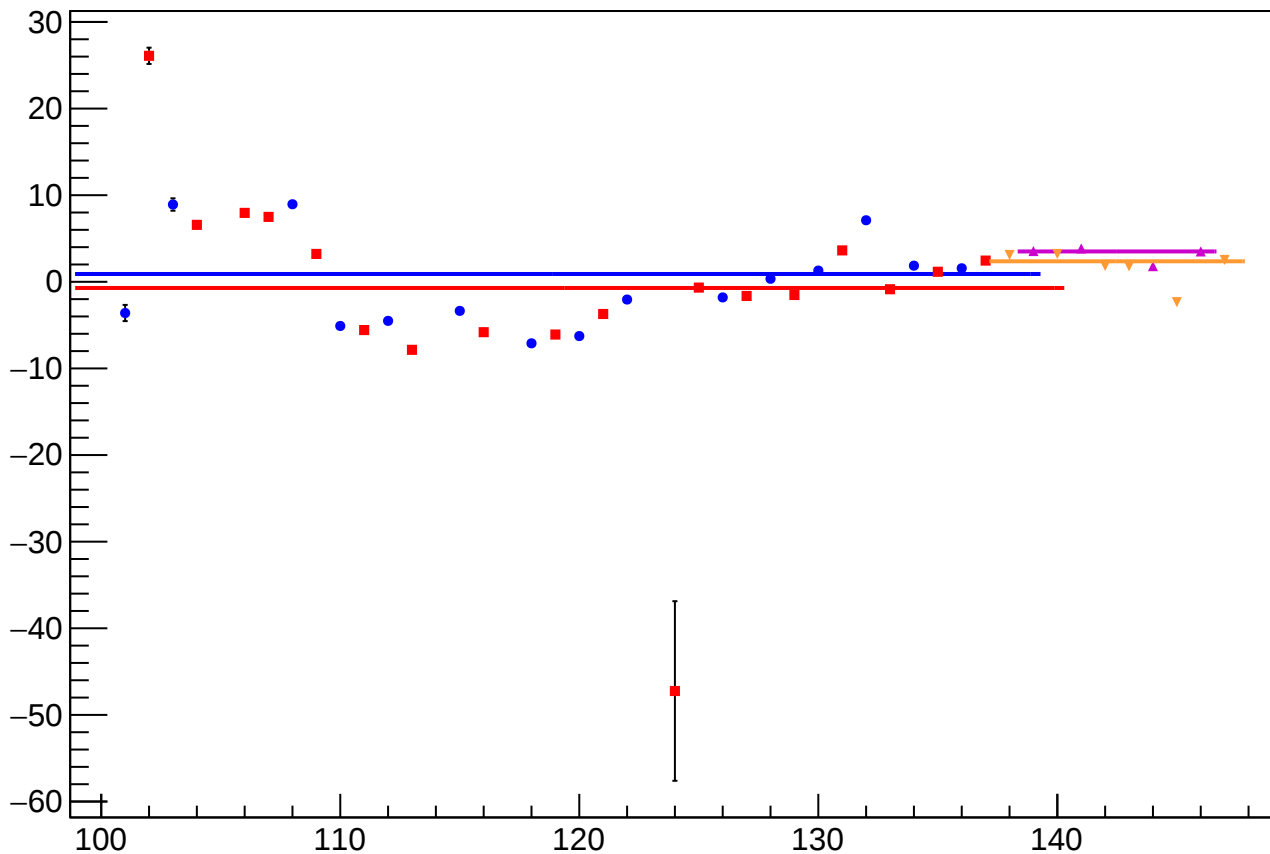
Right: -42.168±/0.012 χ^2 /NDF: 30855.6/32

In: -42.772±/0.012 χ^2 /NDF:60664.6/18

Out: -41.293±/0.012 χ^2 /NDF:163019.6/23

All: -41.977±/0.008 χ^2 /NDF: 231232.7/42

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: 3.505 ± 0.019 $\chi^2/\text{NDF}: 947.9/3$

Left: 2.951 ± 0.013 $\chi^2/\text{NDF}: 7877.8/9$

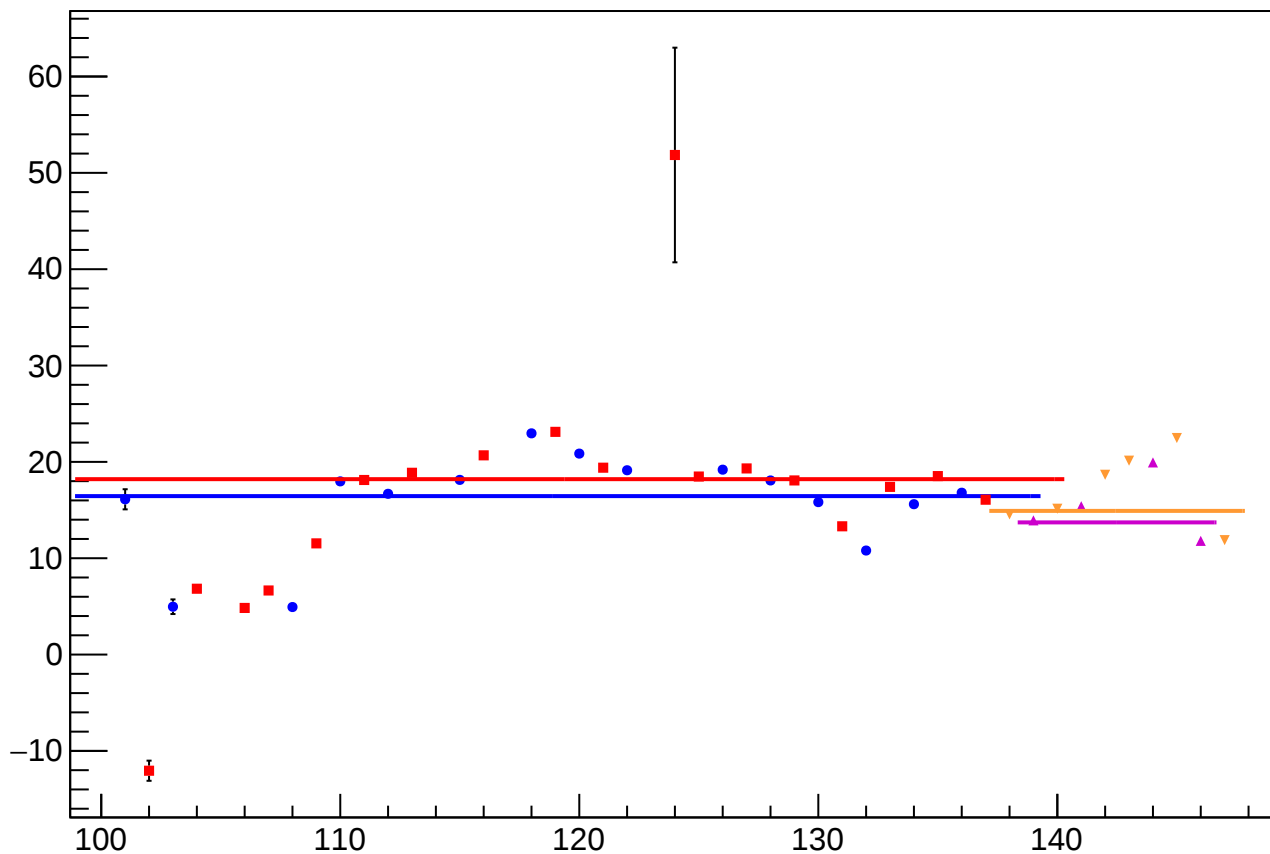
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.302 ± 0.014 $\chi^2/\text{NDF}: 31147.4/18$

Out: 1.194 ± 0.015 $\chi^2/\text{NDF}: 45765.1/23$

All: 1.801 ± 0.010 $\chi^2/\text{NDF}: 79901.7/42$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 14.913 ± 0.020 $\chi^2/\text{NDF}: 29275.3/5$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 13.719 ± 0.022 $\chi^2/\text{NDF}: 9576.2/3$

Left: 14.372 ± 0.015 $\chi^2/\text{NDF}: 40466.0/9$

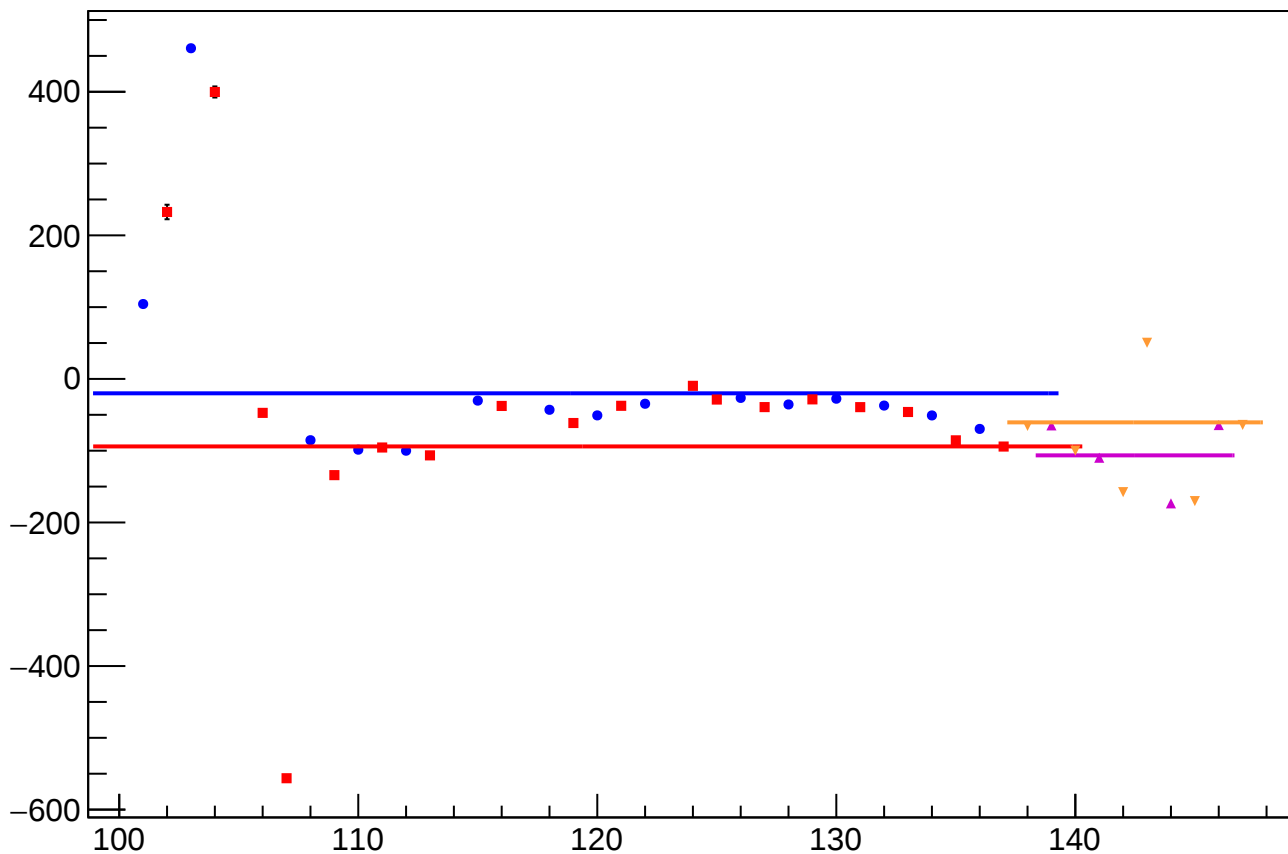
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 14.941 ± 0.016 $\chi^2/\text{NDF}: 30660.0/18$

Out: 16.527 ± 0.014 $\chi^2/\text{NDF}: 70022.6/23$

All: 15.839 ± 0.011 $\chi^2/\text{NDF}: 106020.5/42$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.543+/-0.232 χ^2/NDF : 42936.2/5

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -106.502+/-0.307 χ^2/NDF : 16749.3/3

Left: -77.251+/-0.185 χ^2/NDF : 73927.8/9

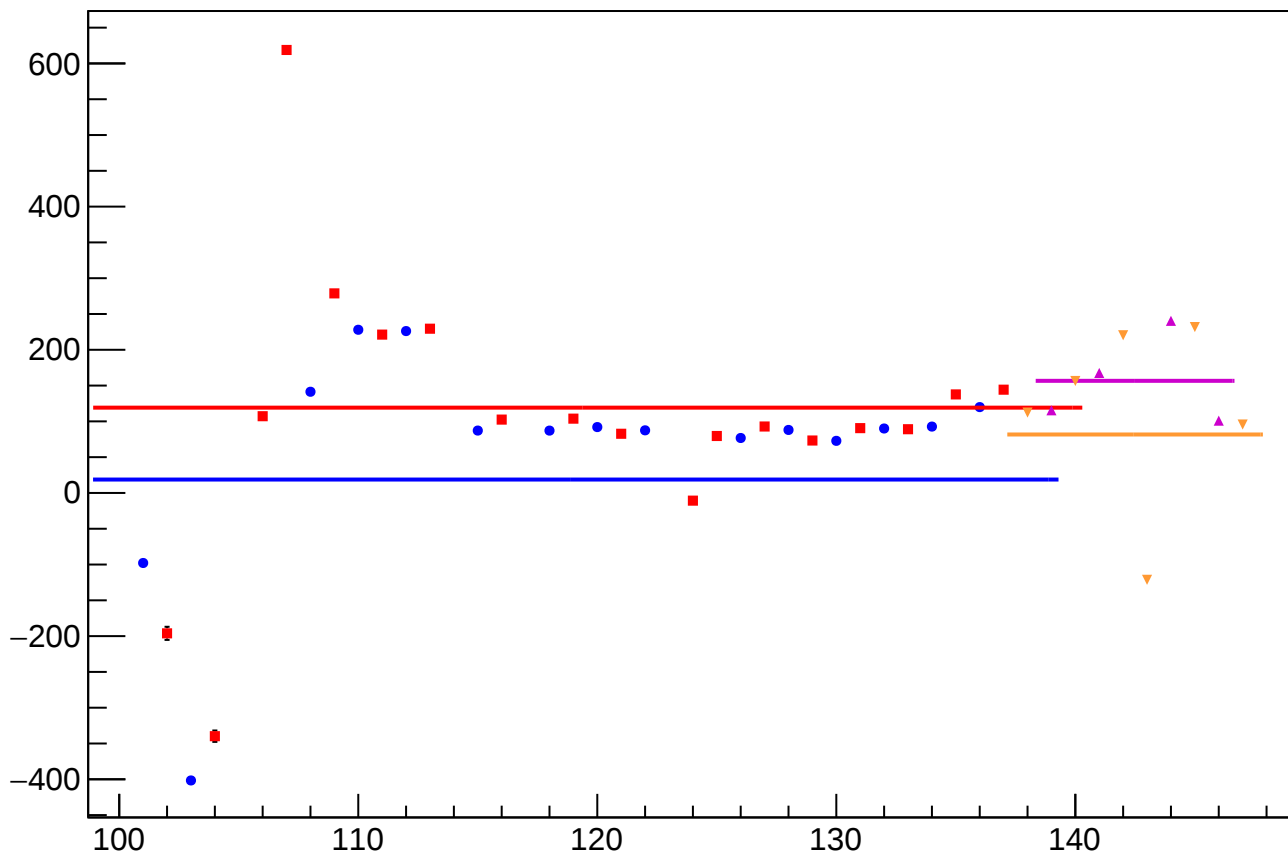
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -37.263+/-0.137 χ^2/NDF : 521620.5/18

Out: -93.954+/-0.012 χ^2/NDF : 151188.0/23

All: -93.493+/-0.012 χ^2/NDF : 842494.2/42

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: 156.628 ± 0.307 $\chi^2/\text{NDF}: 20688.3/3$

Left: 108.342 ± 0.183 $\chi^2/\text{NDF}: 220511.9/9$

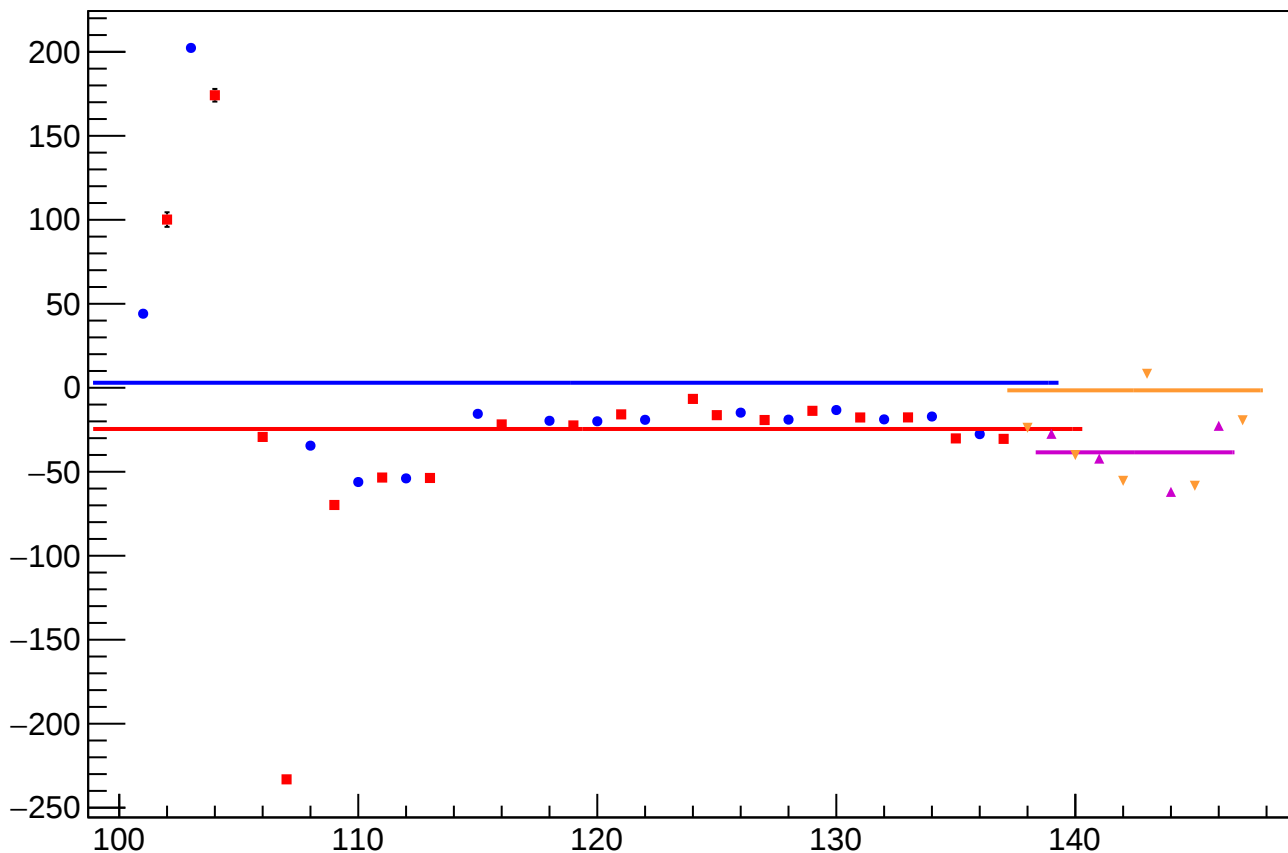
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 45.885 ± 0.136 $\chi^2/\text{NDF}: 1284398.1/18$

Out: 102.951 ± 0.150 $\chi^2/\text{NDF}: 264216.3/23$

All: 71.669 ± 0.101 $\chi^2/\text{NDF}: 1627836.7/42$

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: -38.435 ± 0.060 χ^2/NDF : 27195.2/3

Left: -10.118 ± 0.029 χ^2/NDF : 601061.1/9

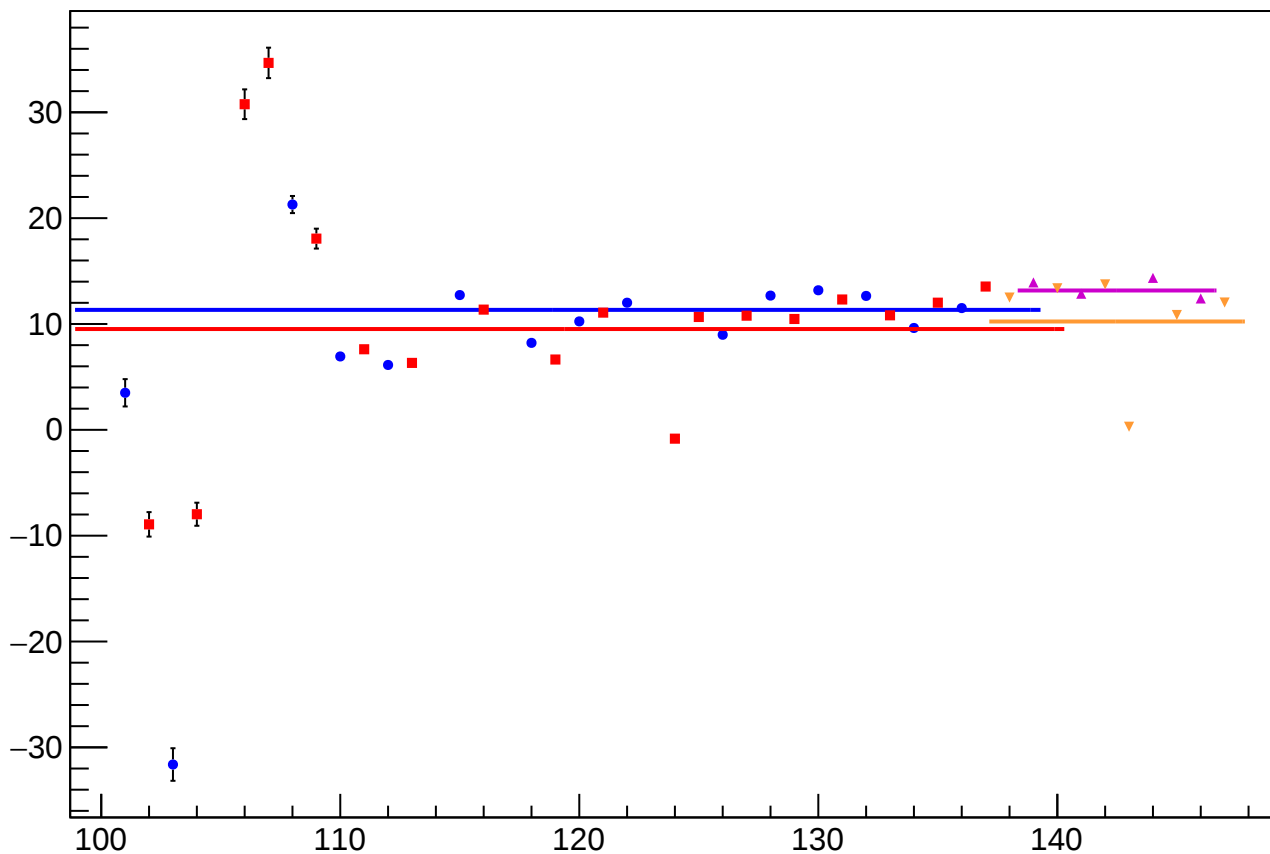
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -4.007 ± 0.025 χ^2/NDF : 3924997.8/18

Out: -9.850 ± 0.026 χ^2/NDF : 633940.1/23

All: -6.730 ± 0.018 χ^2/NDF : 4585418.0/42

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: 13.165 $\pm$ 0.040 χ^2 /NDF:365.3/3

Left: 11.349 $\pm$ 0.025 χ^2 /NDF: 28243.8/9

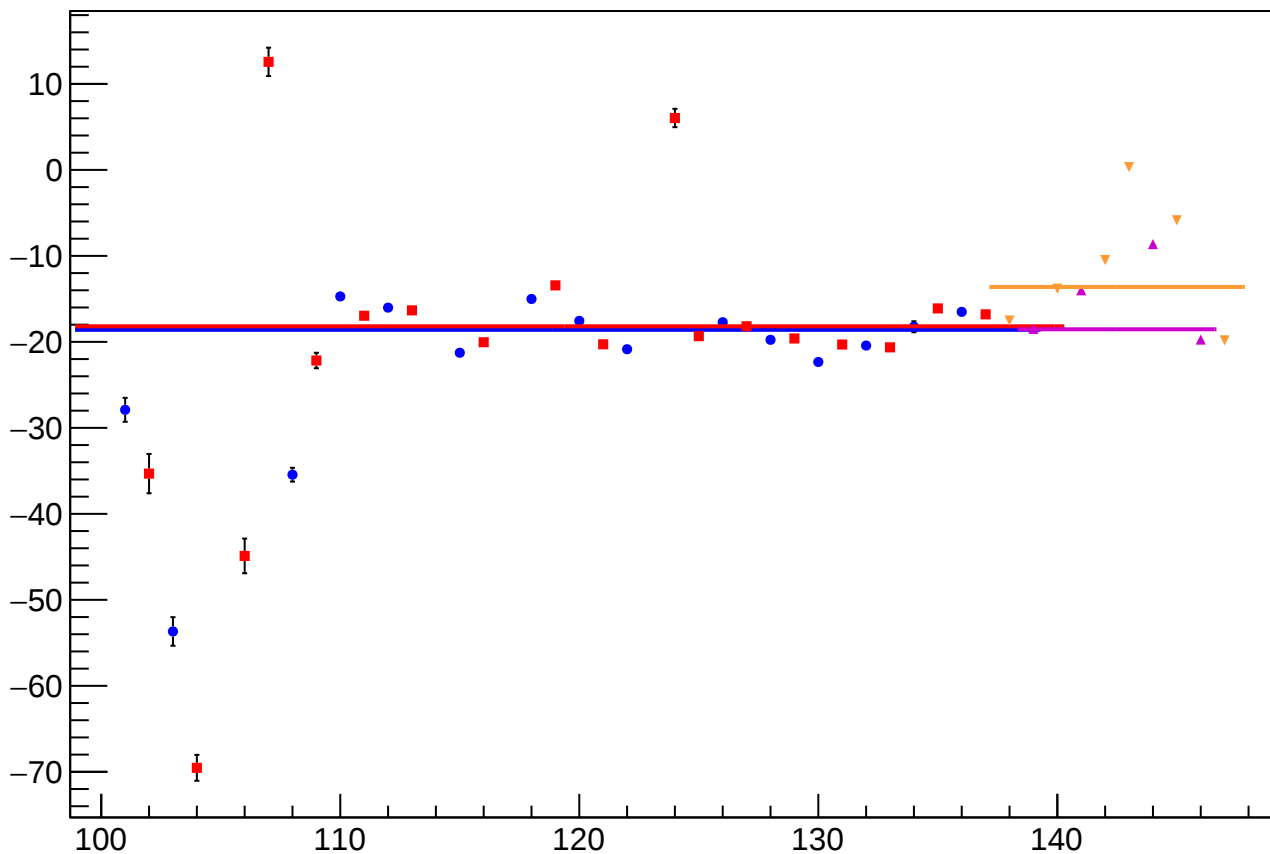
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.190 $\pm$ 0.027 χ^2 /NDF:3894.2/18

Out: 10.025 $\pm$ 0.026 χ^2 /NDF:28755.4/23

All: 11.063 $\pm$ 0.019 χ^2 /NDF: 35932.8/42

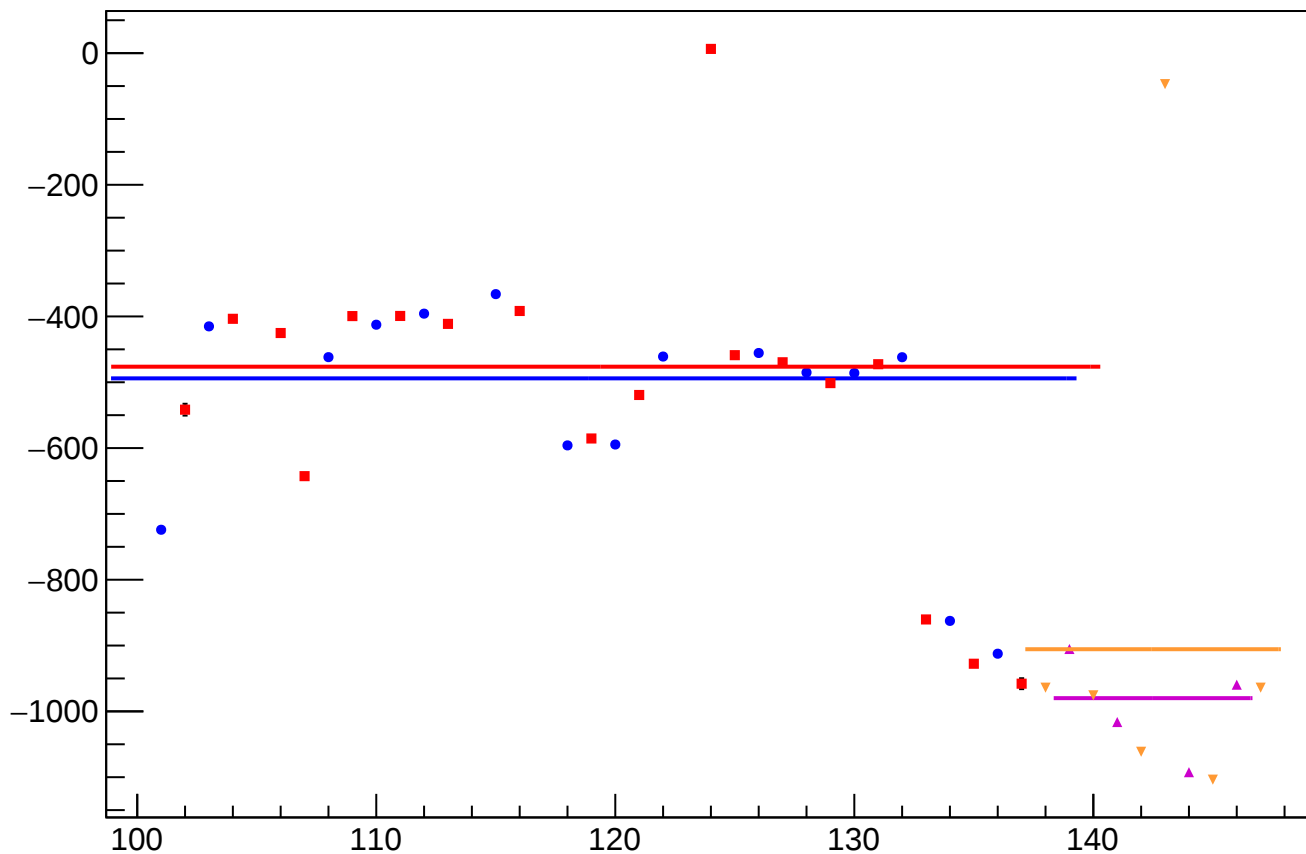
dit_atl1_4eY_slope vs Slug, Sign Corrected



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: -18.536 ± 0.038 χ^2/NDF : 5319.9/3

Left: -16.189 ± 0.028 χ^2/NDF : 43824.5/9
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.567 ± 0.027 χ^2/NDF : 11510.2/18
 Out: -15.420 ± 0.031 χ^2/NDF : 40620.6/23
 All: -17.235 ± 0.020 χ^2/NDF : 58047.7/42

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: -979.915 ± 0.514 $\chi^2/\text{NDF}: 13949.4/3$

Left: -942.618 ± 0.363 $\chi^2/\text{NDF}: 315956.0/9$

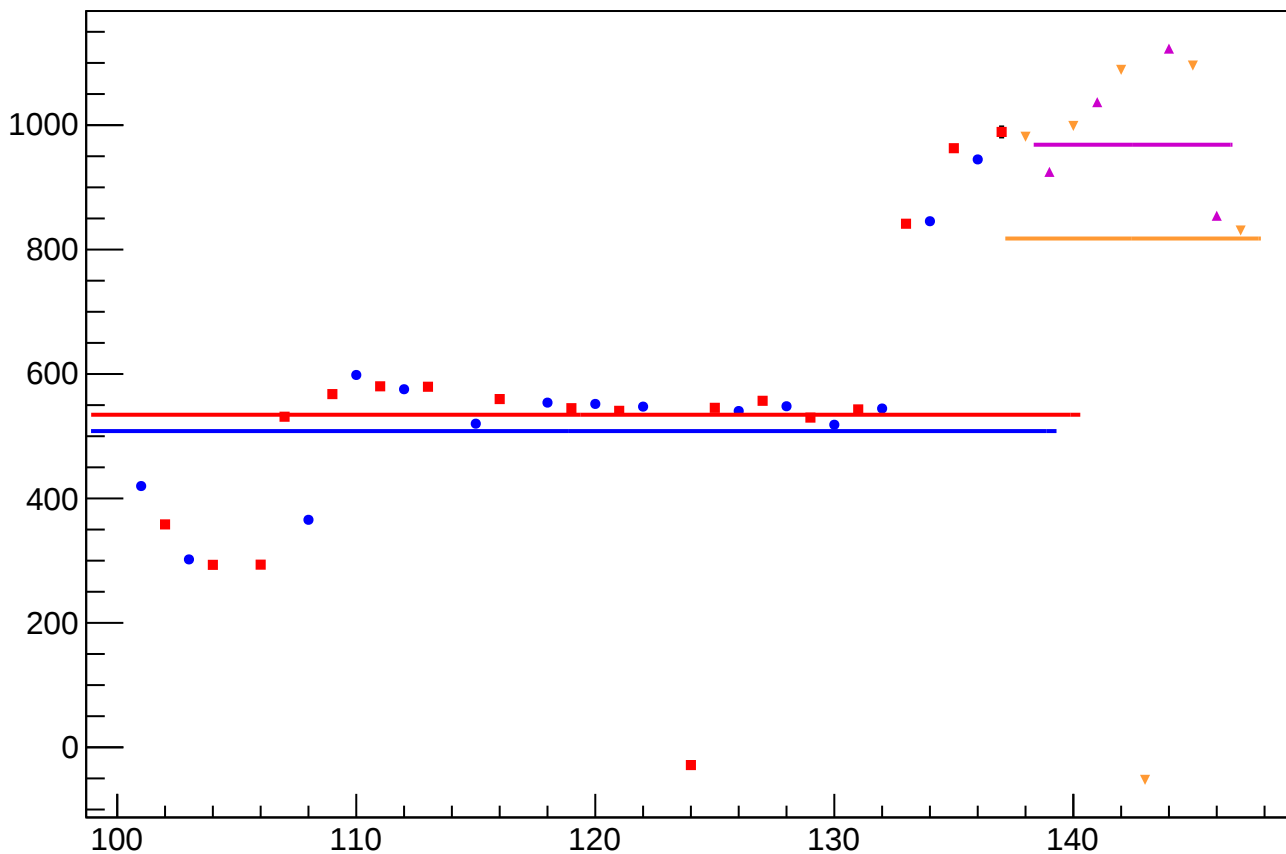
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -576.442 ± 0.212 $\chi^2/\text{NDF}: 1082731.7/18$

Out: -525.988 ± 0.174 $\chi^2/\text{NDF}: 1507310.6/23$

All: -546.365 ± 0.134 $\chi^2/\text{NDF}: 2623962.3/42$

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: 968.531 $\pm$ 0.535 χ^2 /NDF: 29148.8/3

Left: 888.900 $\pm$ 0.368 χ^2 /NDF: 472573.0/9

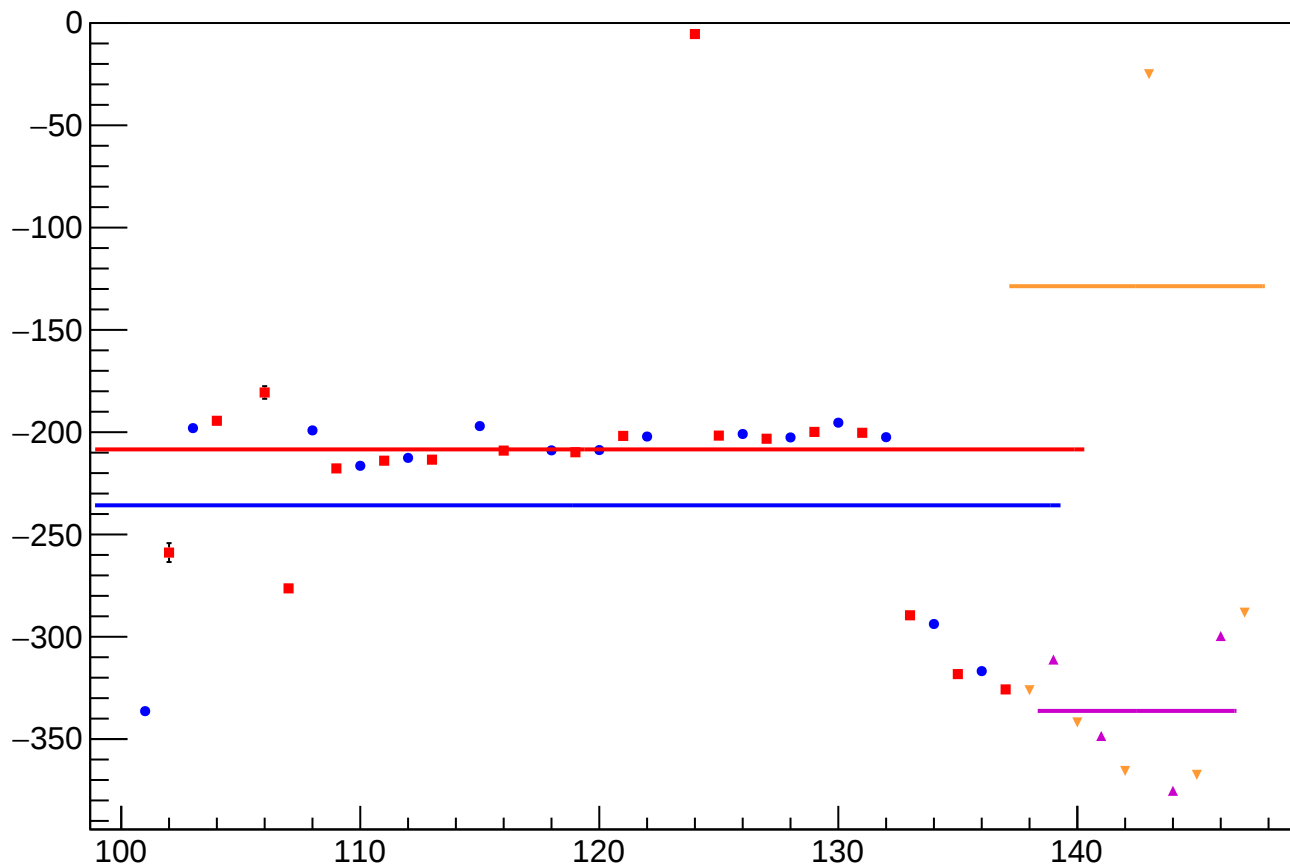
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 575.654 $\pm$ 0.205 χ^2 /NDF: 1099844.8/18

Out: 578.615 $\pm$ 0.200 χ^2 /NDF: 1034479.7/23

All: 577.173 $\pm$ 0.143 χ^2 /NDF: 2134431.7/42

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: -336.233+/-0.100 χ^2/NDF : 49426.7/3

Left: -214.573+/-0.064 χ^2/NDF : 5473476.8/9

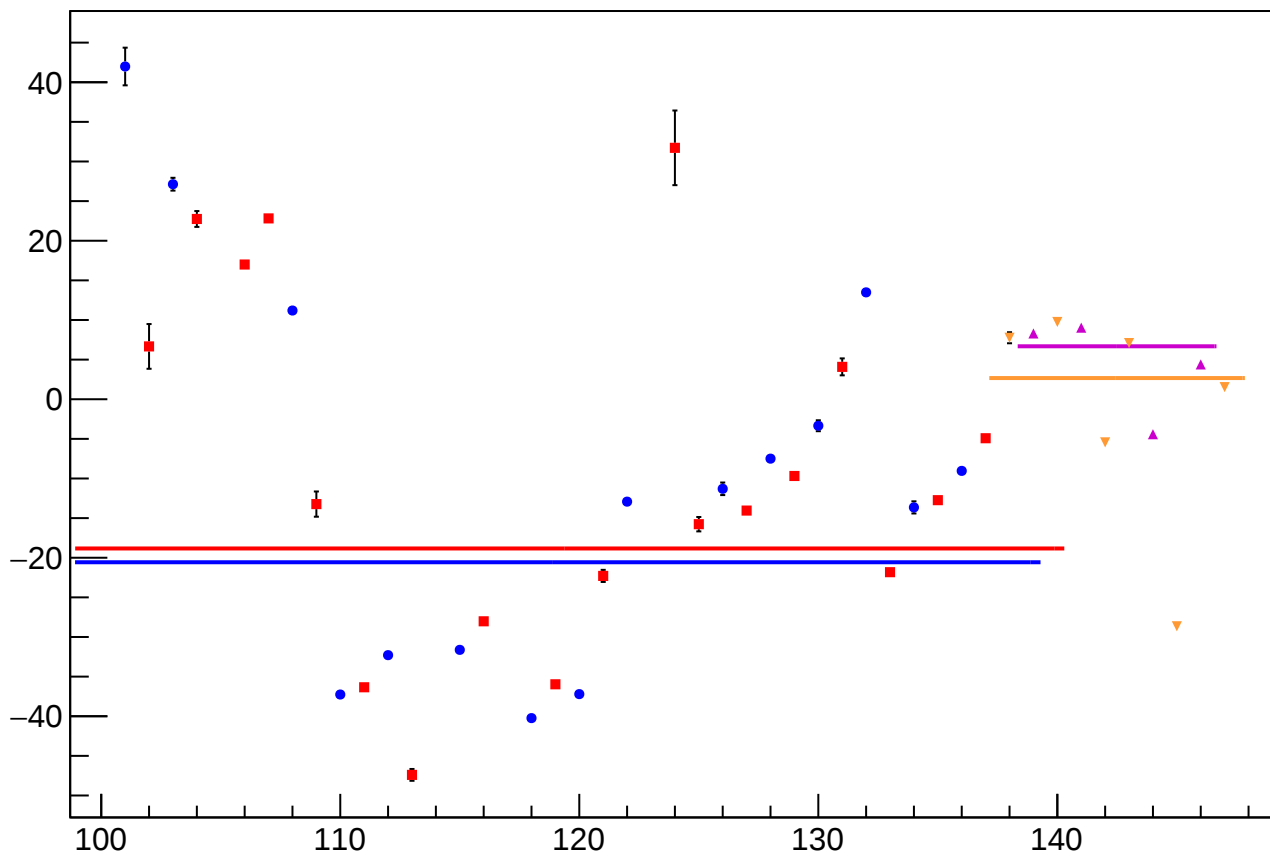
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -259.319+/-0.048 χ^2/NDF : 1702296.2/18

Out: -189.494+/-0.041 χ^2/NDF : 3951761.1/23

All: -218.584+/-0.031 χ^2/NDF : 6872566.5/42

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: 6.682 ± 0.074 $\chi^2/\text{NDF}: 2015.2/3$

Left: 4.193 ± 0.045 $\chi^2/\text{NDF}: 11038.0/9$

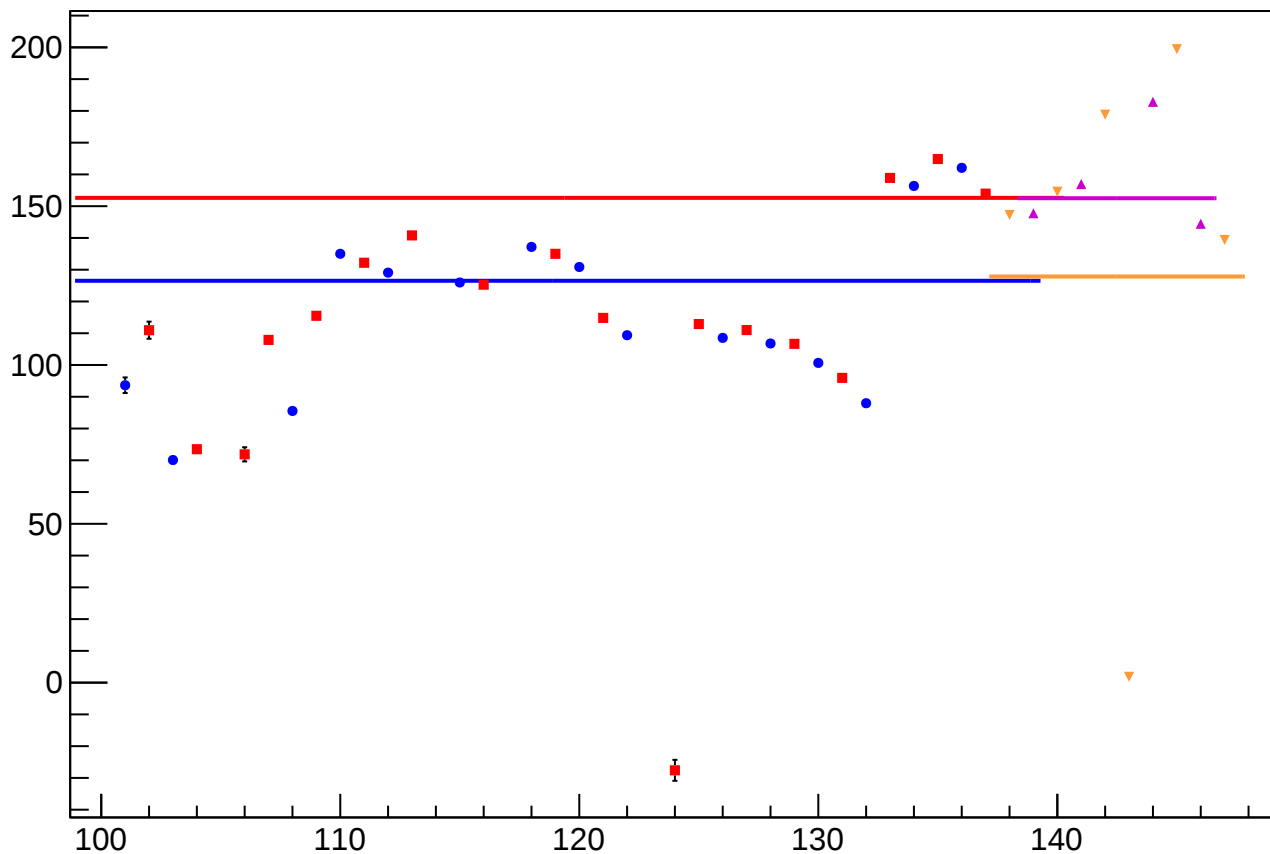
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: -7.423 ± 0.051 $\chi^2/\text{NDF}: 135816.6/18$

Out: -2.105 ± 0.051 $\chi^2/\text{NDF}: 58881.3/23$

All: -4.743 ± 0.036 $\chi^2/\text{NDF}: 200107.7/42$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.862 $\pm$ 0.079 χ^2 /NDF:370035.4/5

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 152.502 $\pm$ 0.094 χ^2 /NDF:10242.3/3

Left: 138.035 $\pm$ 0.060 χ^2 /NDF: 420613.0/9

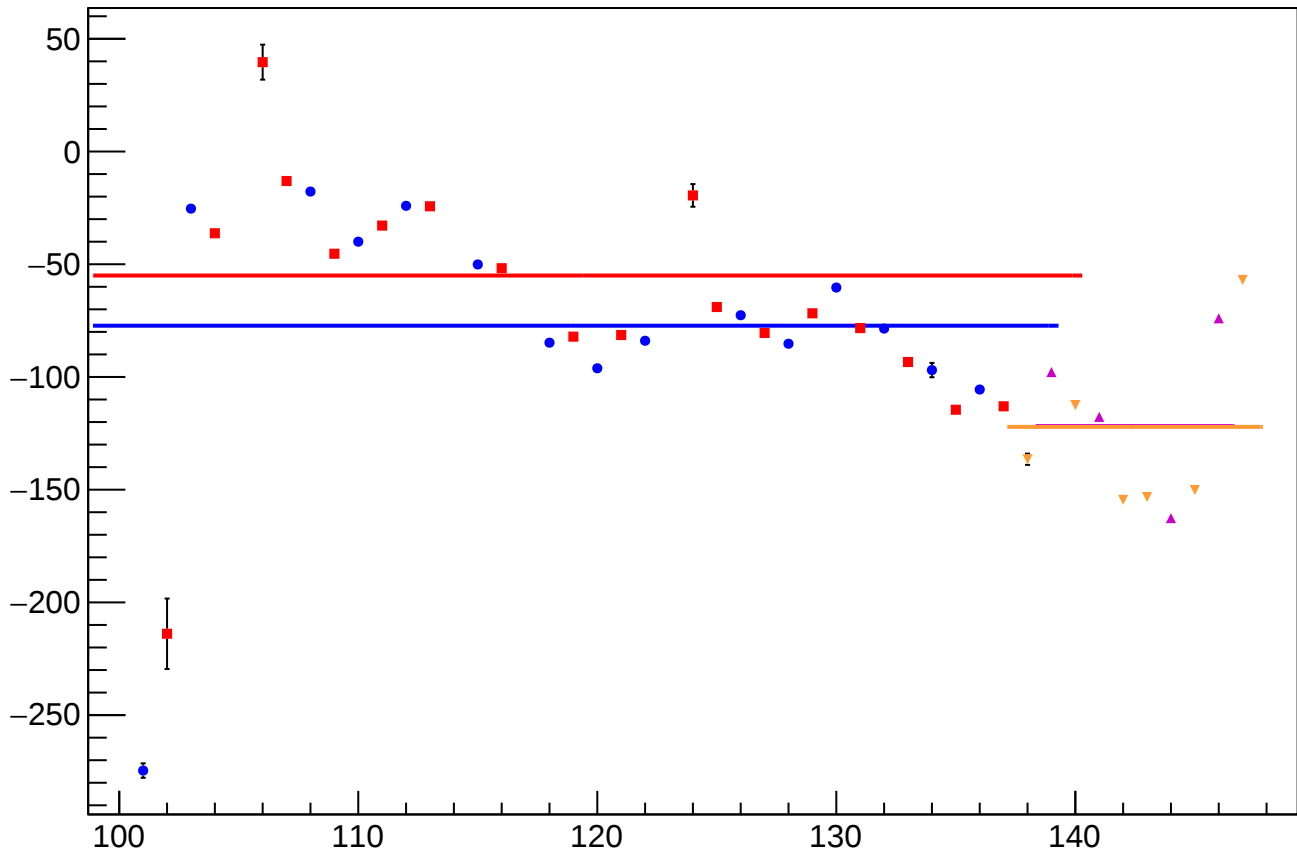
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 138.053 $\pm$ 0.063 χ^2 /NDF:167692.8/18

Out: 149.423 $\pm$ 0.028 χ^2 /NDF:529958.3/23

All: 147.493 $\pm$ 0.026 χ^2 /NDF: 725011.6/42

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 $\pm$ 0.146 χ^2/NDF : 30356.0/14

Left Out: -122.141 $\pm$ 0.255 χ^2/NDF :17164.3/5

Right Out: -55.005 $\pm$ 0.190 χ^2/NDF : 23629.0/17

Left In: -121.763 $\pm$ 0.237 χ^2/NDF :12216.2/3

Left: -121.938 $\pm$ 0.174 χ^2/NDF : 29381.7/9

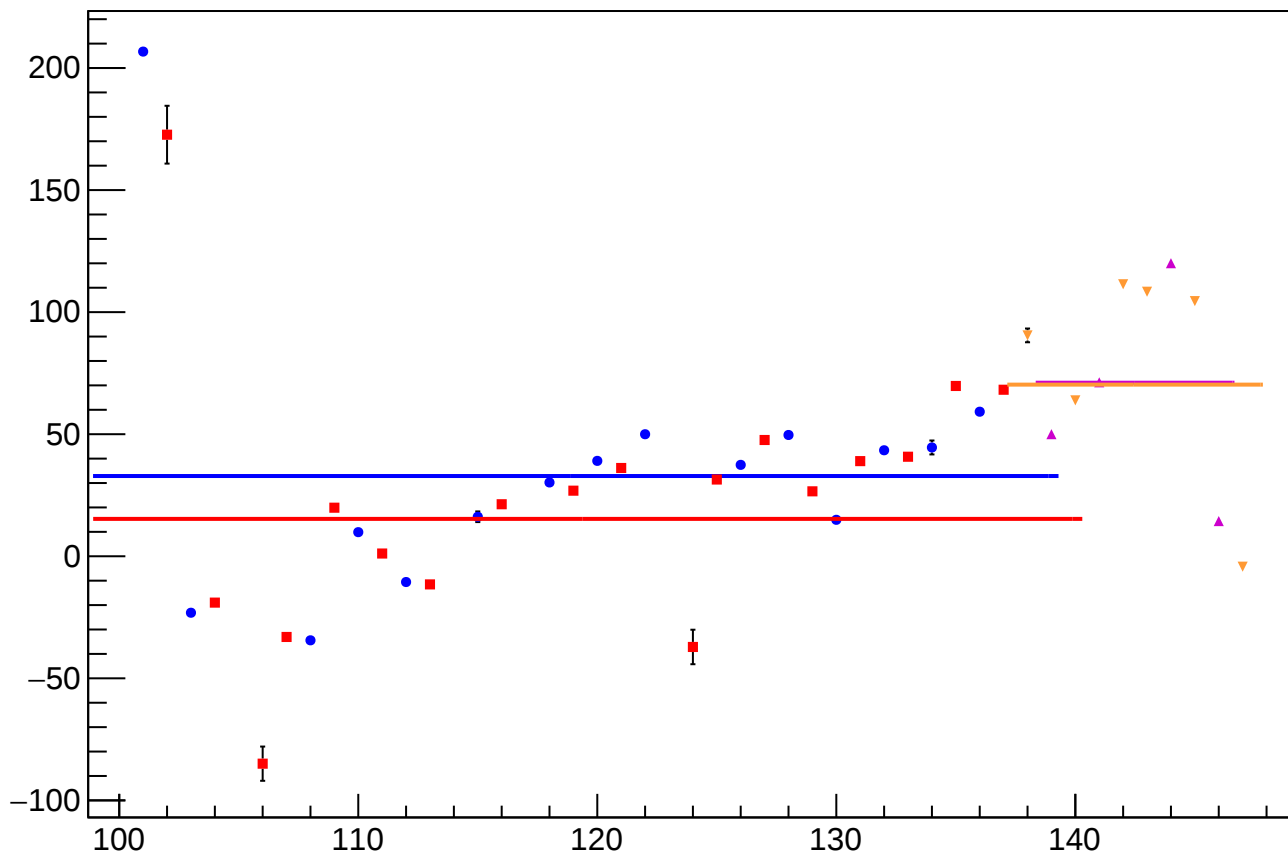
Right: -68.980 $\pm$ 0.116 χ^2/NDF : 62576.3/32

In: -89.538 $\pm$ 0.125 χ^2/NDF :68045.5/18

Out: -78.971 $\pm$ 0.153 χ^2/NDF :85239.5/23

All: -85.309 $\pm$ 0.097 χ^2/NDF : 156162.1/42

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 70.309+/-0.247 χ^2/NDF : 28691.2/5

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 71.096+/-0.227 χ^2/NDF : 16177.4/3

Left: 70.735+/-0.167 χ^2/NDF : 44874.1/9

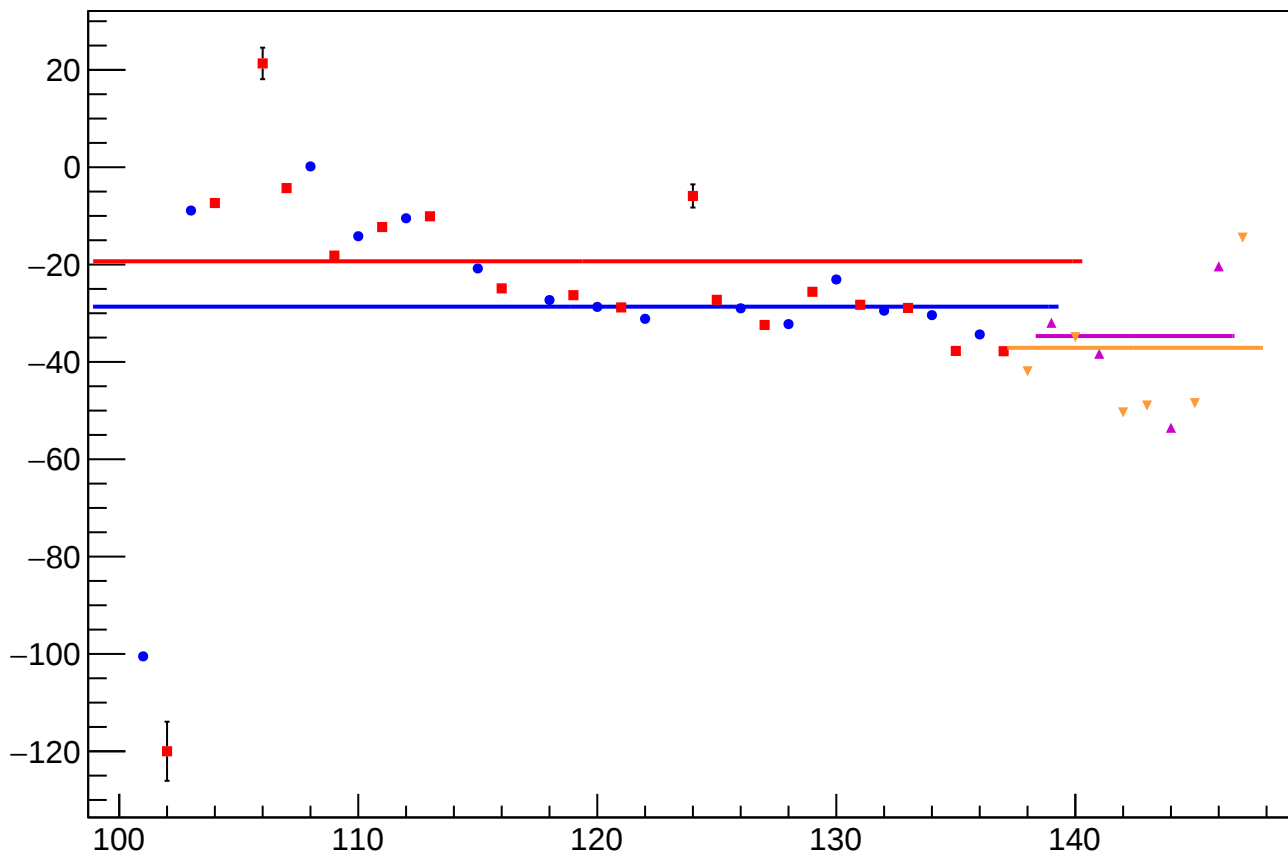
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 44.034+/-0.123 χ^2/NDF : 67590.3/18

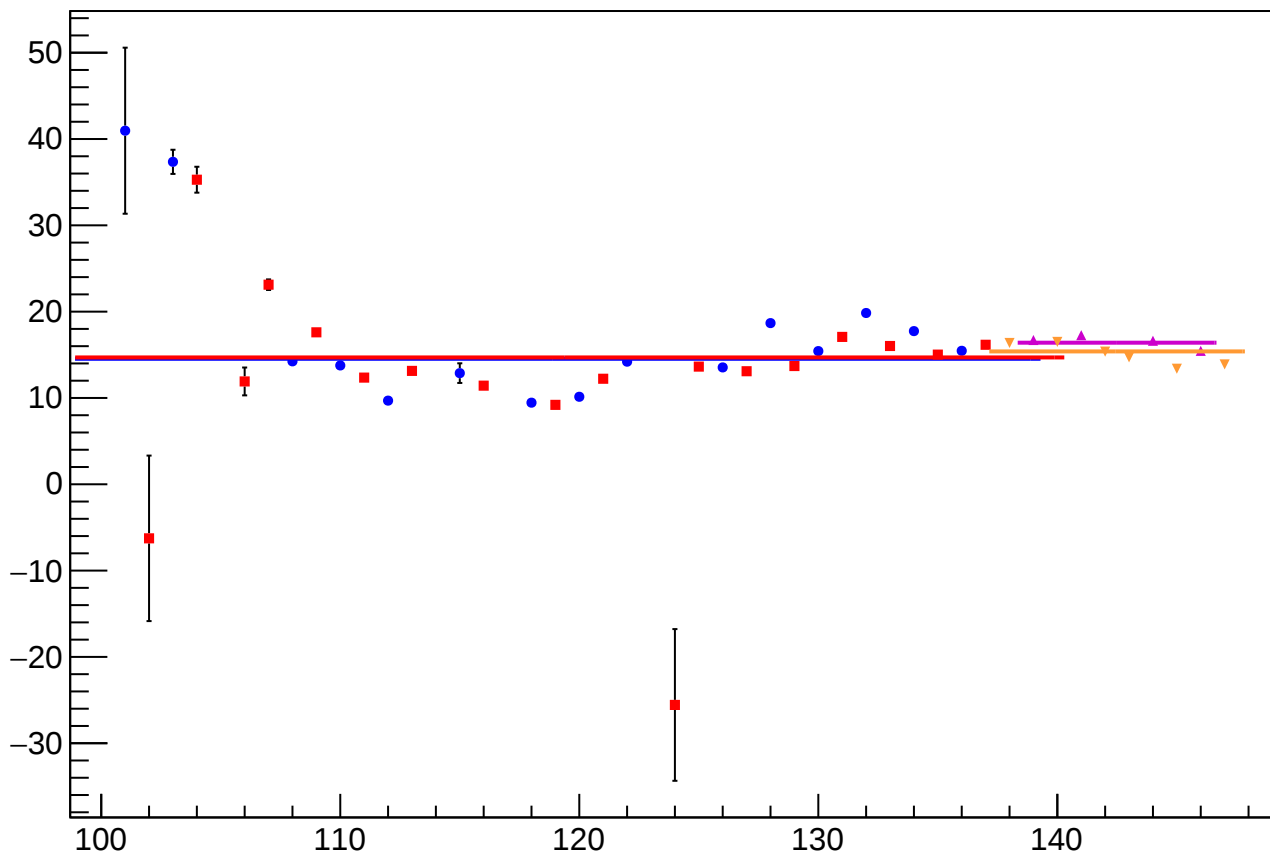
Out: 38.331+/-0.160 χ^2/NDF : 74241.0/23

All: 41.917+/-0.097 χ^2/NDF : 142631.2/42

dit_atr1_11X12X_slope vs Slug, Sign Corrected



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: 16.403+/-0.033 χ^2/NDF : 524.3/3

Left: 15.901+/-0.023 χ^2/NDF : 2200.2/9

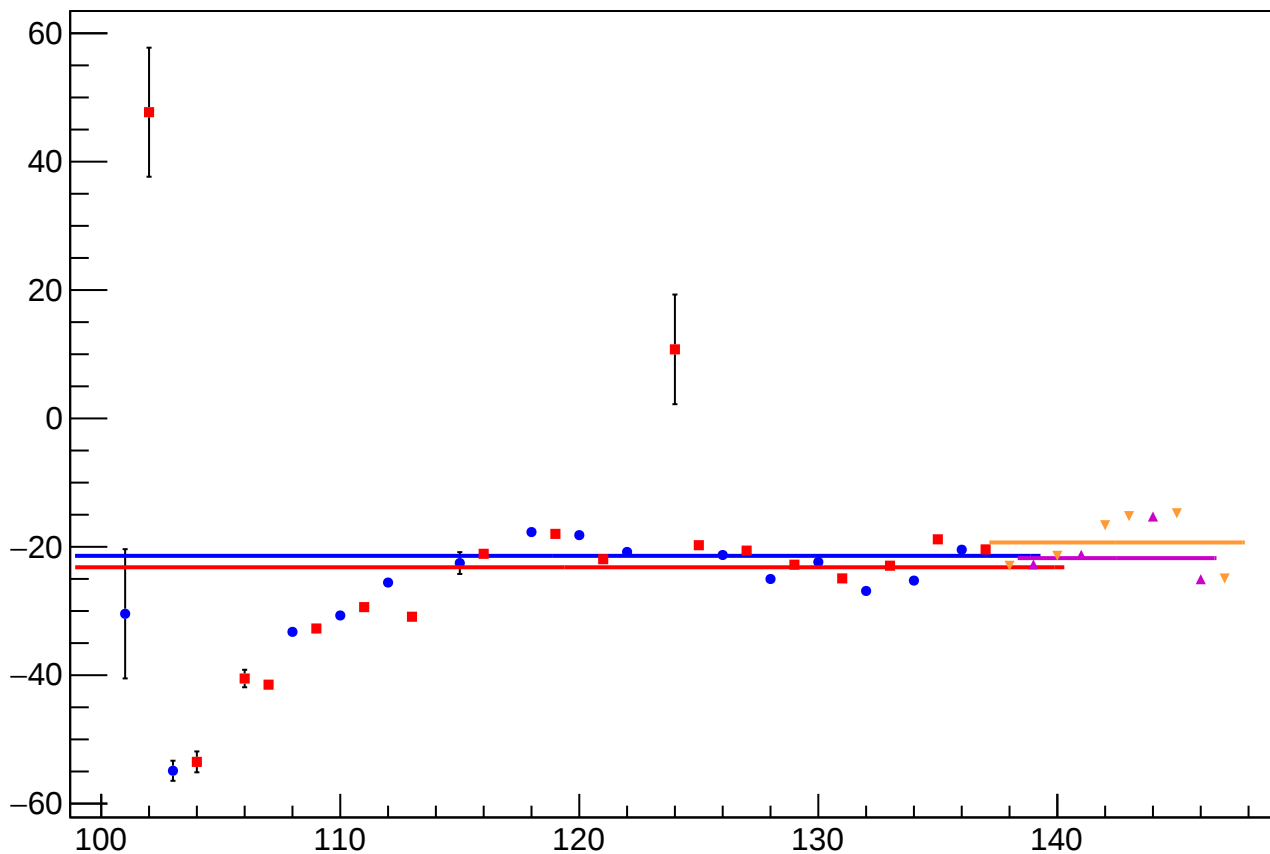
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.377+/-0.022 χ^2/NDF : 14354.9/18

Out: 15.136+/-0.026 χ^2/NDF : 3005.0/23

All: 15.278+/-0.017 χ^2/NDF : 17409.2/42

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 χ^2/NDF : 9686.6/14

Left Out: -19.321 ± 0.036 χ^2/NDF : 13048.4/5

Right Out: -23.186 ± 0.051 χ^2/NDF : 9126.8/17

Left In: -21.761 ± 0.054 χ^2/NDF : 3807.8/3

Left: -20.071 ± 0.030 χ^2/NDF : 18244.1/9

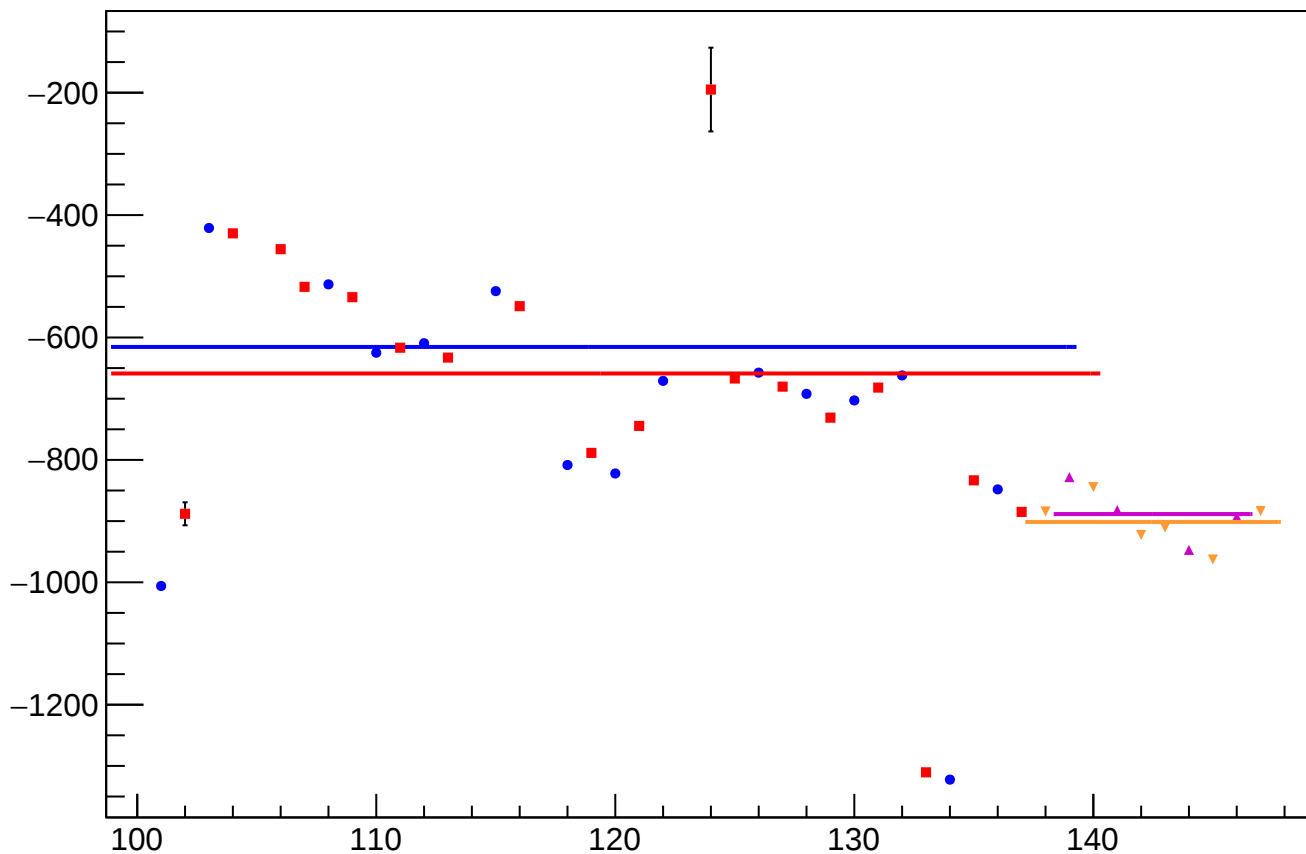
Right: -21.987 ± 0.029 χ^2/NDF : 19630.5/32

In: -21.512 ± 0.030 χ^2/NDF : 13524.1/18

Out: -20.618 ± 0.030 χ^2/NDF : 25975.2/23

All: -21.063 ± 0.021 χ^2/NDF : 39952.1/42

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: -888.476+/-0.402 χ^2 /NDF: 7964.1/3

Left: -895.089+/-0.280 χ^2 /NDF: 16157.4/9

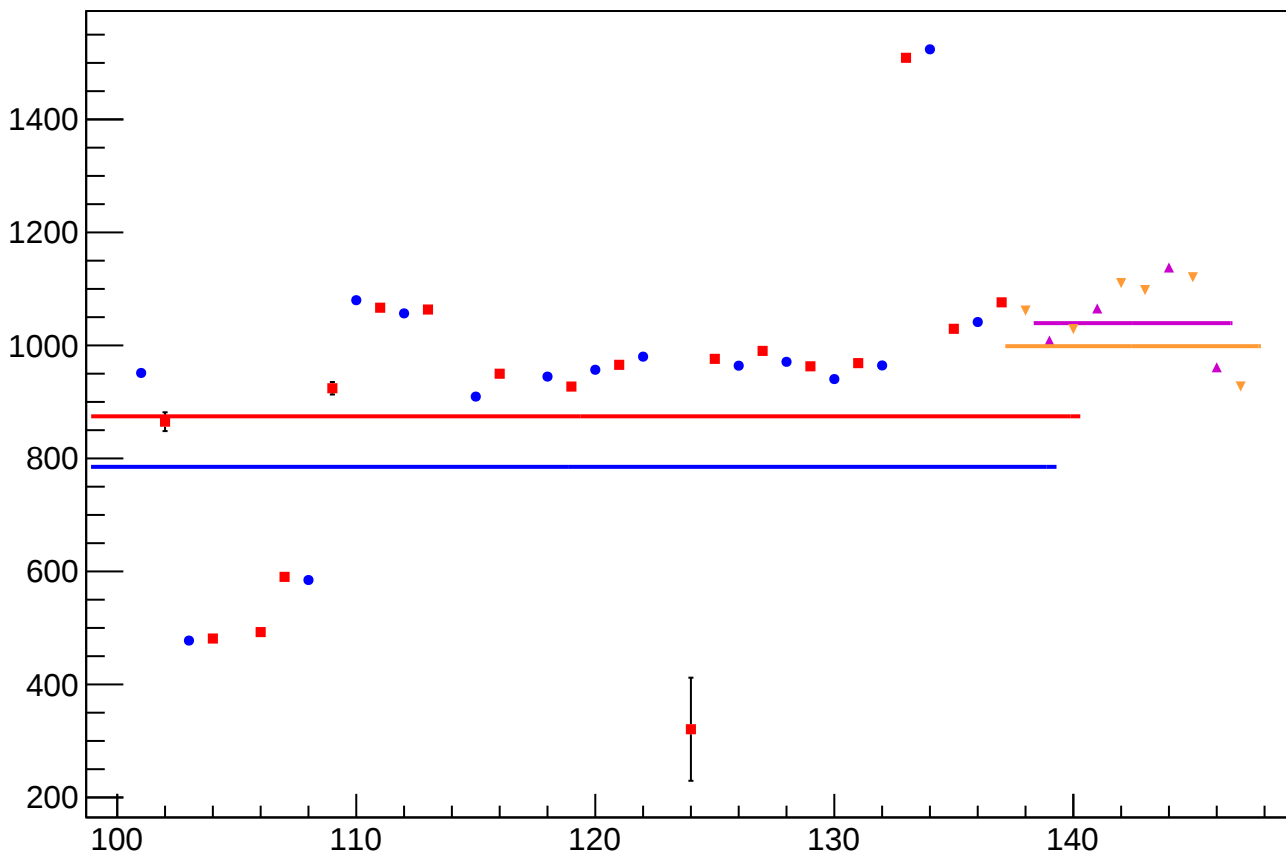
Right: -635.464+/-0.174 χ^2 /NDF: 783480.4/32

In: -686.108+/-0.205 χ^2 /NDF: 732686.6/18

Out: -731.613+/-0.214 χ^2 /NDF: 661854.6/23

All: -707.791+/-0.148 χ^2 /NDF: 1418124.5/42

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: 1039.454+/-0.442 χ^2/NDF : 19138.3/3

Left: 1016.756+/-0.294 χ^2/NDF : 65613.2/9

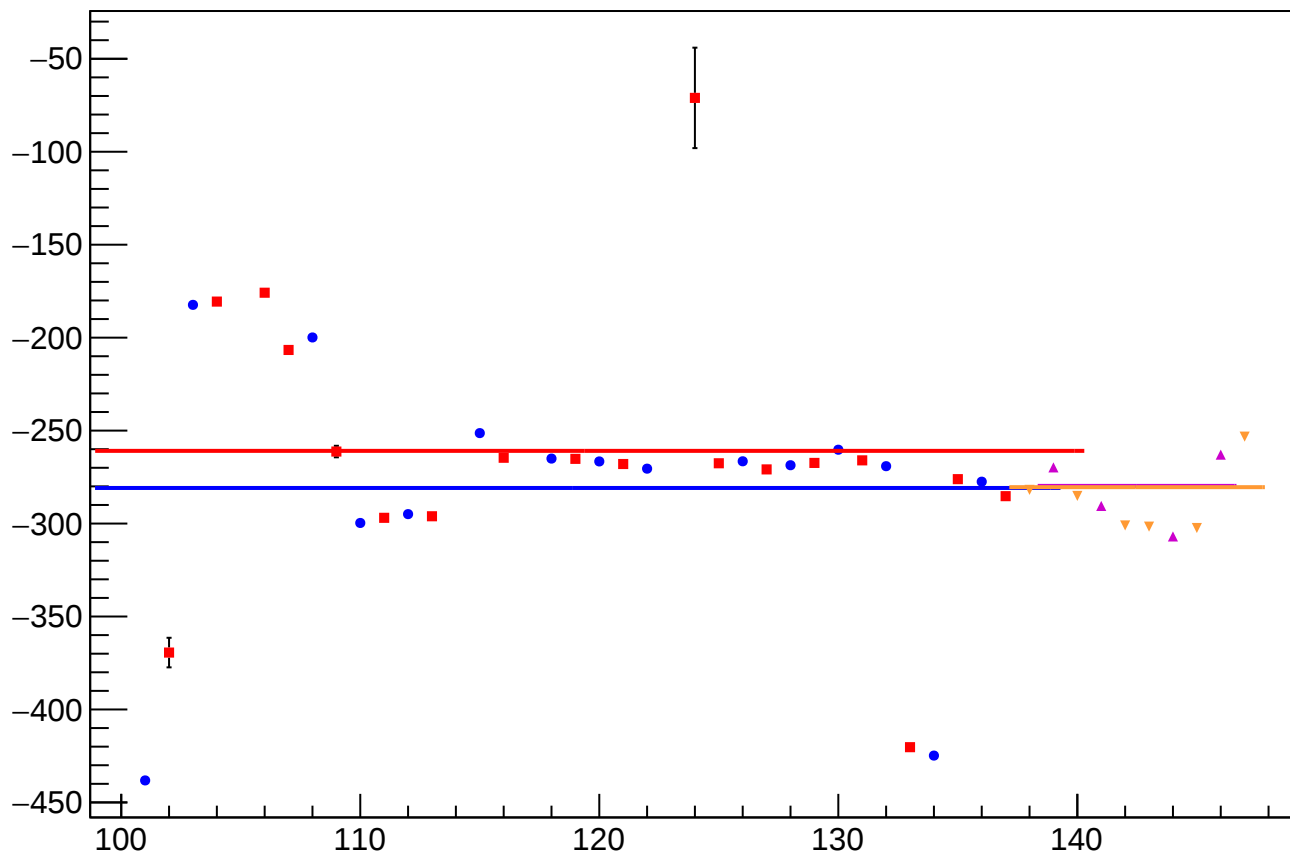
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 838.627+/-0.203 χ^2/NDF : 1167126.9/18

Out: 912.365+/-0.218 χ^2/NDF : 953127.2/23

All: 872.835+/-0.148 χ^2/NDF : 2181691.2/42

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 $\pm$ 0.059 χ^2 /NDF: 873611.1/14

Left Out: -280.428 $\pm$ 0.085 χ^2 /NDF: 61401.3/5

Right Out: -260.897 $\pm$ 0.068 χ^2 /NDF: 347717.5/17

Left In: -279.738 $\pm$ 0.063 χ^2 /NDF: 42285.8/3

Left: -279.980 $\pm$ 0.051 χ^2 /NDF: 103729.4/9

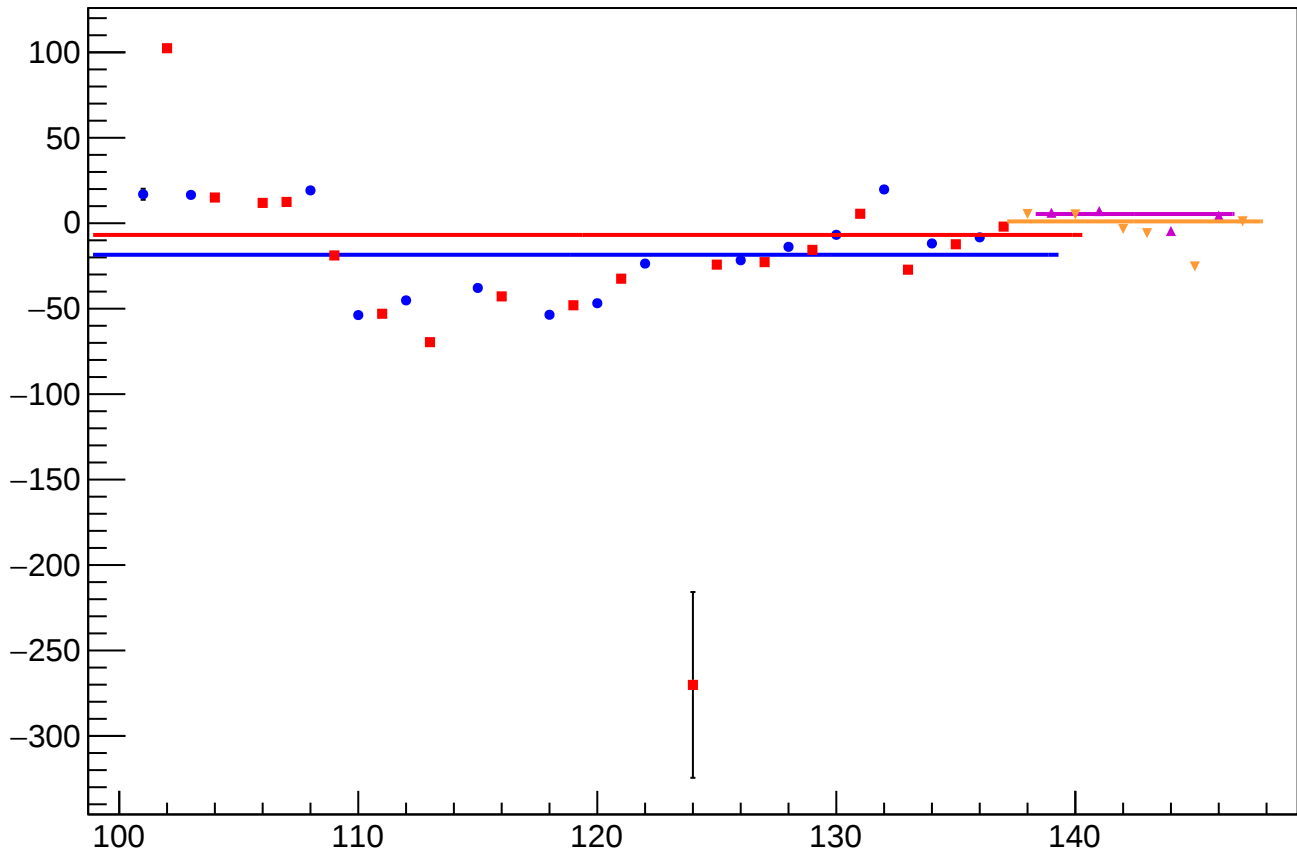
Right: -272.298 $\pm$ 0.044 χ^2 /NDF: 1271185.3/32

In: -280.337 $\pm$ 0.043 χ^2 /NDF: 916066.1/18

Out: -268.409 $\pm$ 0.053 χ^2 /NDF: 441266.4/23

All: -275.621 $\pm$ 0.033 χ^2 /NDF: 1387960.6/42

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 1.068 ± 0.065 $\chi^2/\text{NDF}: 5415.8/5$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.394 ± 0.075 $\chi^2/\text{NDF}: 1653.9/3$

Left: 2.904 ± 0.049 $\chi^2/\text{NDF}: 8962.2/9$

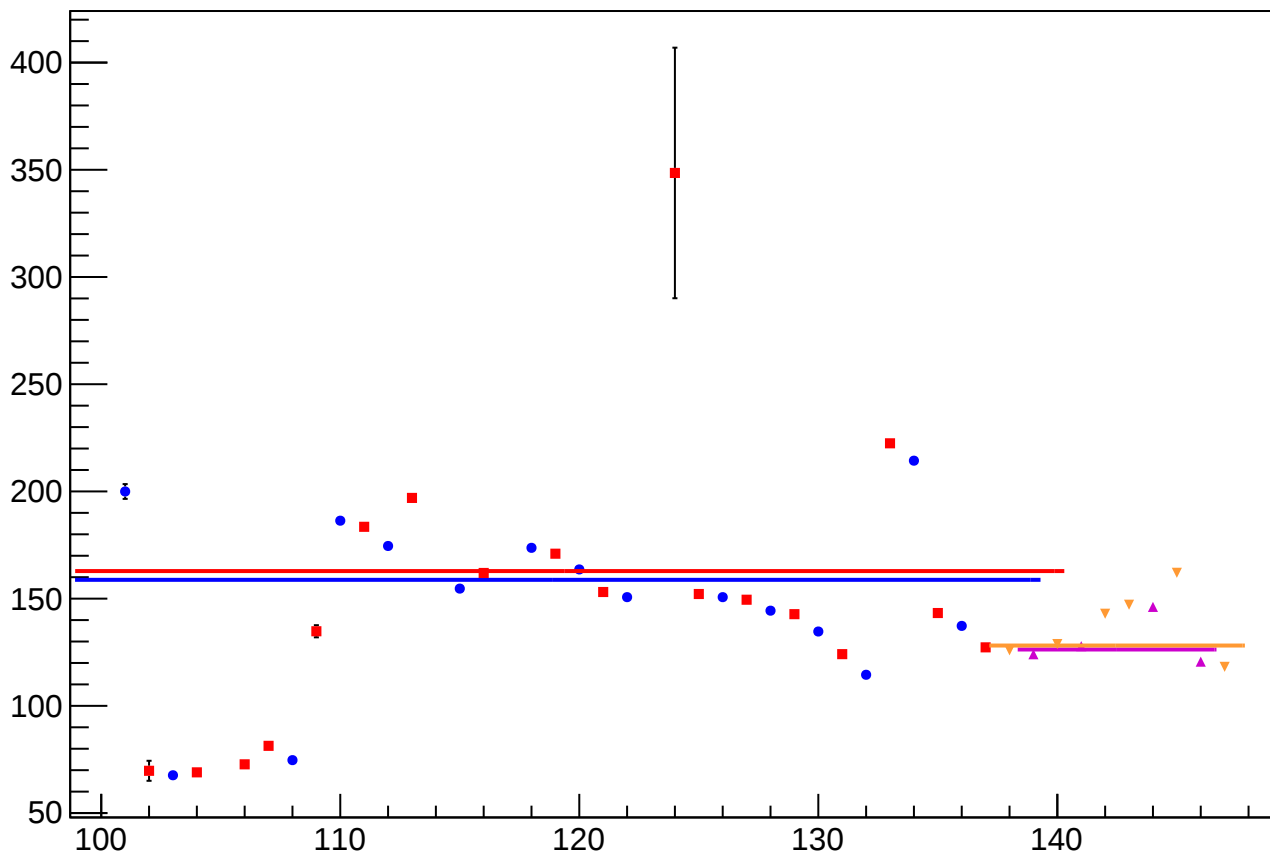
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -4.285 ± 0.058 $\chi^2/\text{NDF}: 88780.7/18$

Out: -2.901 ± 0.046 $\chi^2/\text{NDF}: 62917.7/23$

All: -3.430 ± 0.036 $\chi^2/\text{NDF}: 152048.4/42$

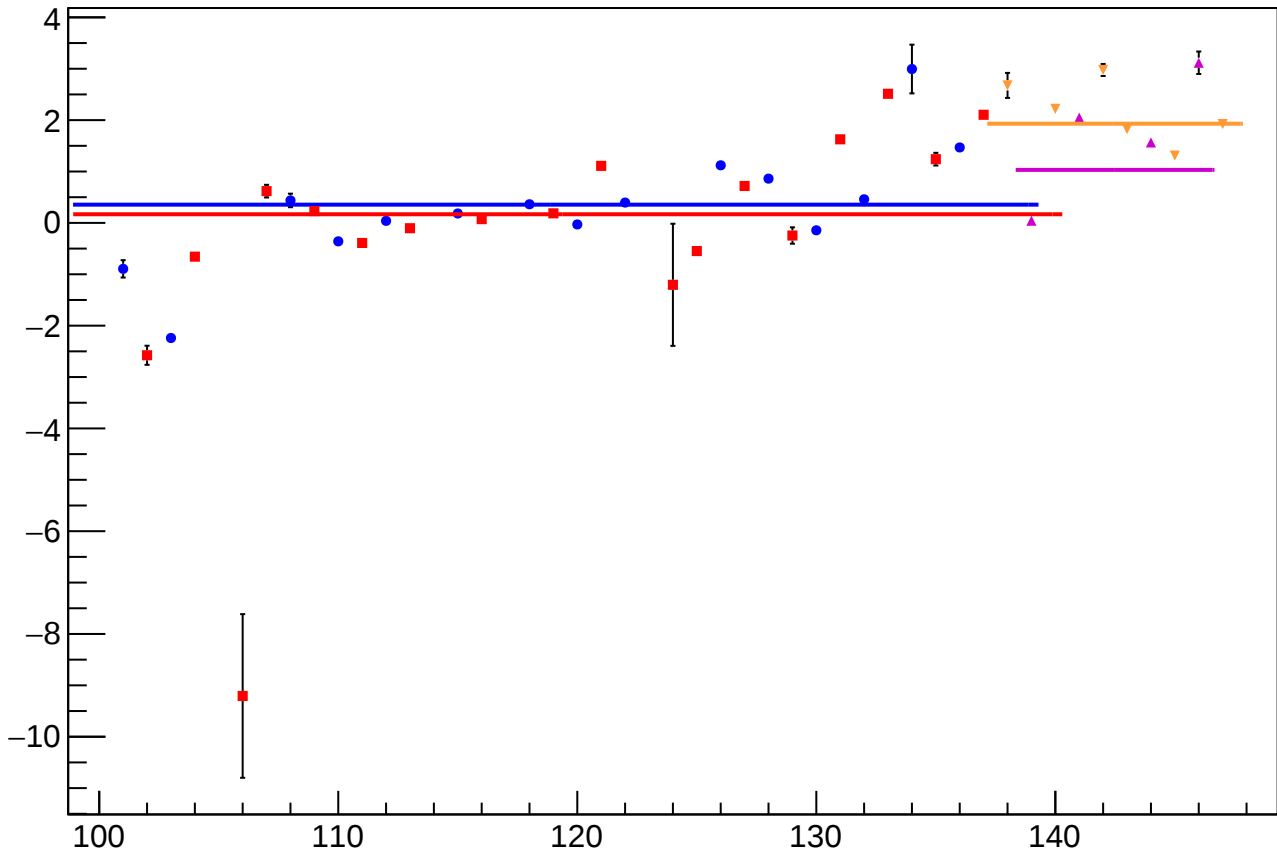
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 128.131 ± 0.082 χ^2/NDF : 23371.0/5
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 126.279 ± 0.081 χ^2/NDF : 6822.4/3

Left: 127.194 ± 0.058 χ^2/NDF : 30452.7/9
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 141.092 ± 0.060 χ^2/NDF : 239502.6/18
 Out: 143.237 ± 0.062 χ^2/NDF : 257863.3/23
 All: 142.131 ± 0.043 χ^2/NDF : 497992.8/42

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.930 ± 0.023 $\chi^2/\text{NDF}: 244.0/5$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.032 ± 0.019 $\chi^2/\text{NDF}: 2107.8/3$

Left: 1.397 ± 0.015 $\chi^2/\text{NDF}: 3231.8/9$

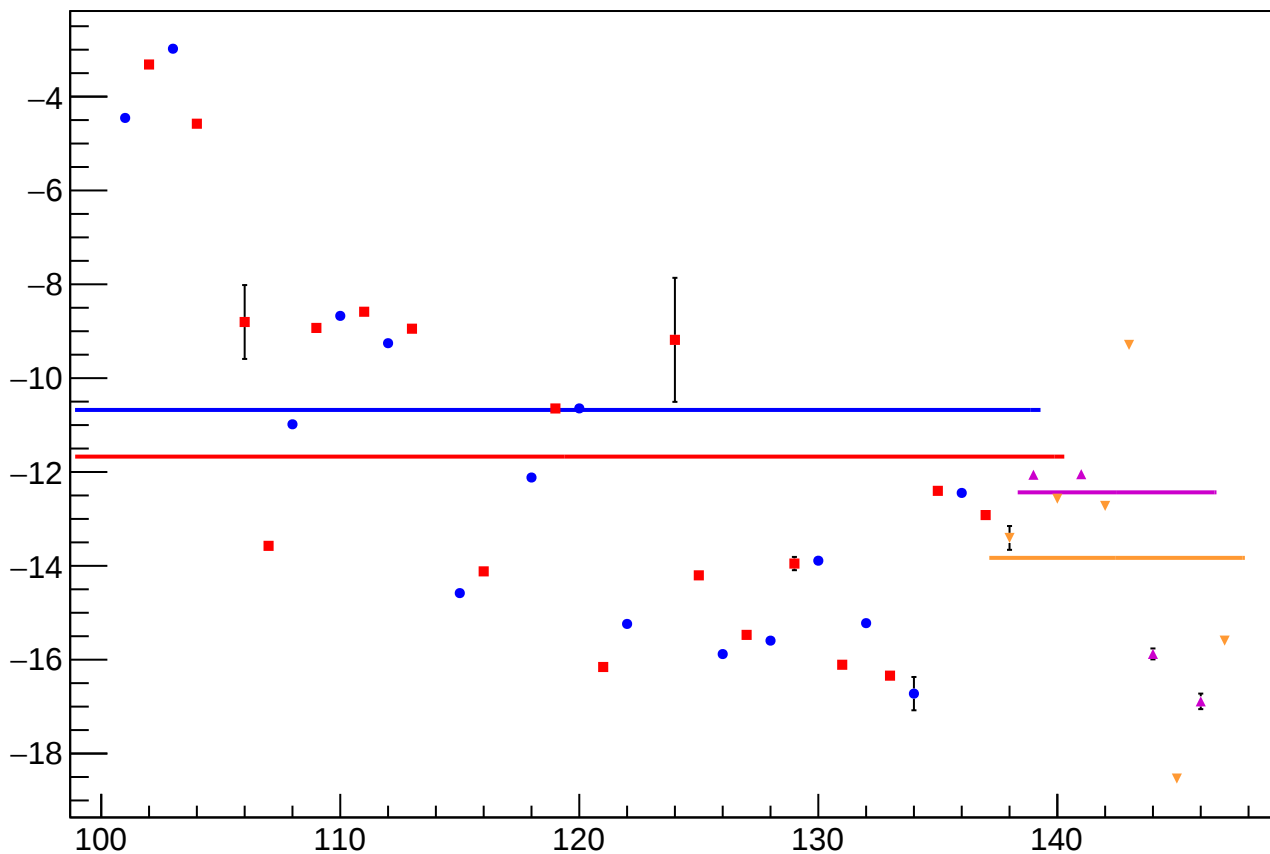
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.538 ± 0.010 $\chi^2/\text{NDF}: 7014.4/18$

Out: 0.339 ± 0.007 $\chi^2/\text{NDF}: 9980.4/23$

All: 0.407 ± 0.006 $\chi^2/\text{NDF}: 17253.6/42$

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: -12.434 ± 0.029 $\chi^2/\text{NDF}: 1761.9/3$

Left: -13.404 ± 0.016 $\chi^2/\text{NDF}: 28647.4/9$

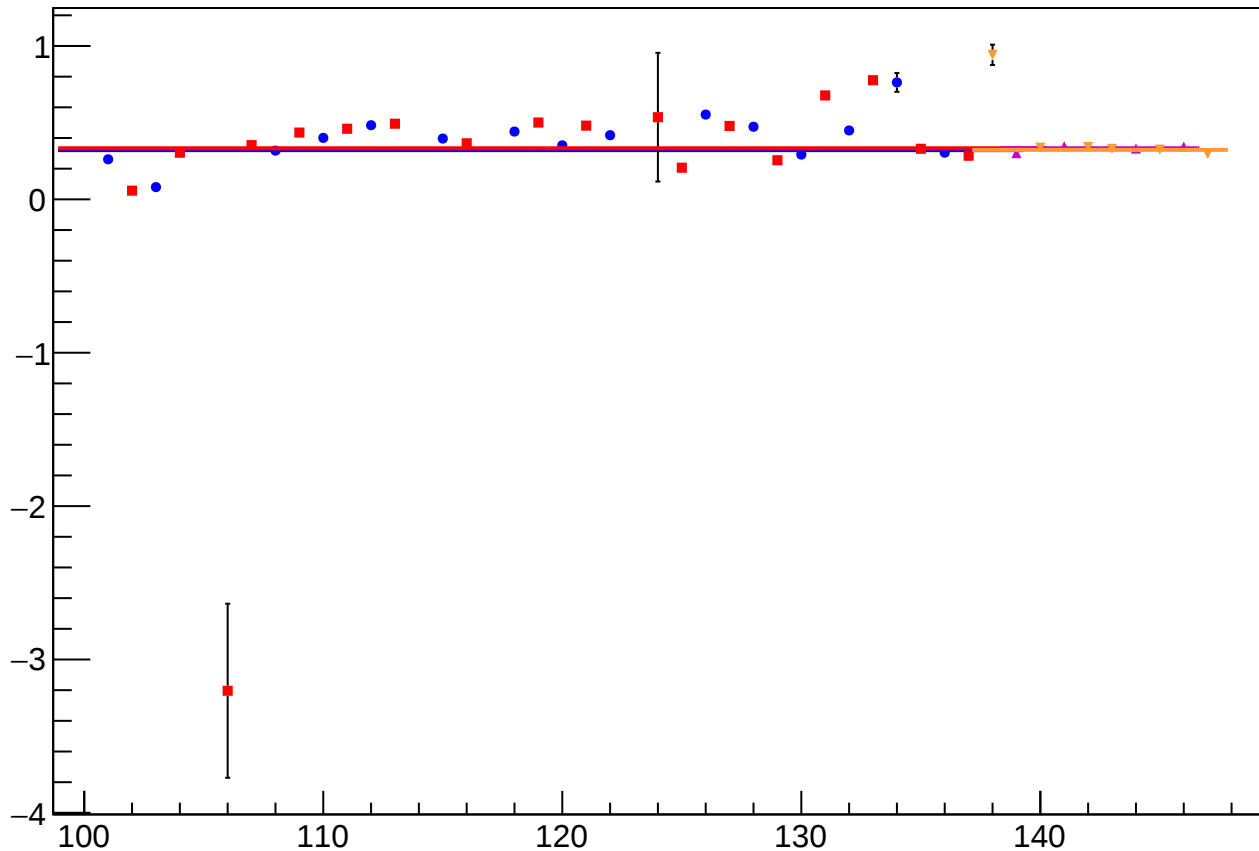
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.874 ± 0.010 $\chi^2/\text{NDF}: 231818.0/18$

Out: -12.252 ± 0.010 $\chi^2/\text{NDF}: 142359.8/23$

All: -11.545 ± 0.007 $\chi^2/\text{NDF}: 384028.2/42$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.322 $\pm$ 0.001 χ^2 /NDF:1218.7/5

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.333 $\pm$ 0.001 χ^2 /NDF:270.4/3

Left: 0.326 $\pm$ 0.000 χ^2 /NDF: 1621.8/9

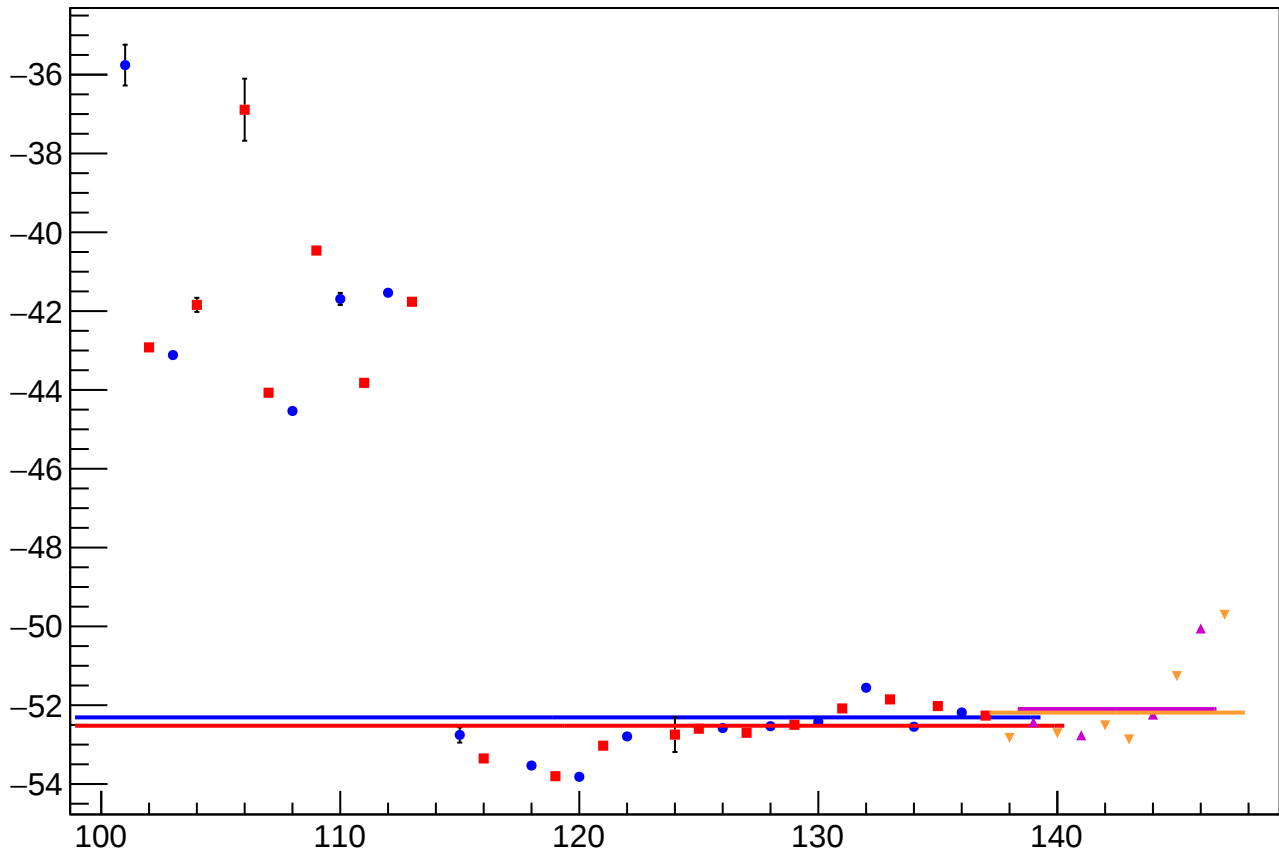
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:4392.5/18

Out: 0.324 $\pm$ 0.001 χ^2 /NDF:5448.3/23

All: 0.326 $\pm$ 0.000 χ^2 /NDF: 9870.8/42

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: -52.097 $\pm$ 0.006 χ^2 /NDF: 31476.3/3

Left: -52.149 $\pm$ 0.004 χ^2 /NDF: 91354.2/9

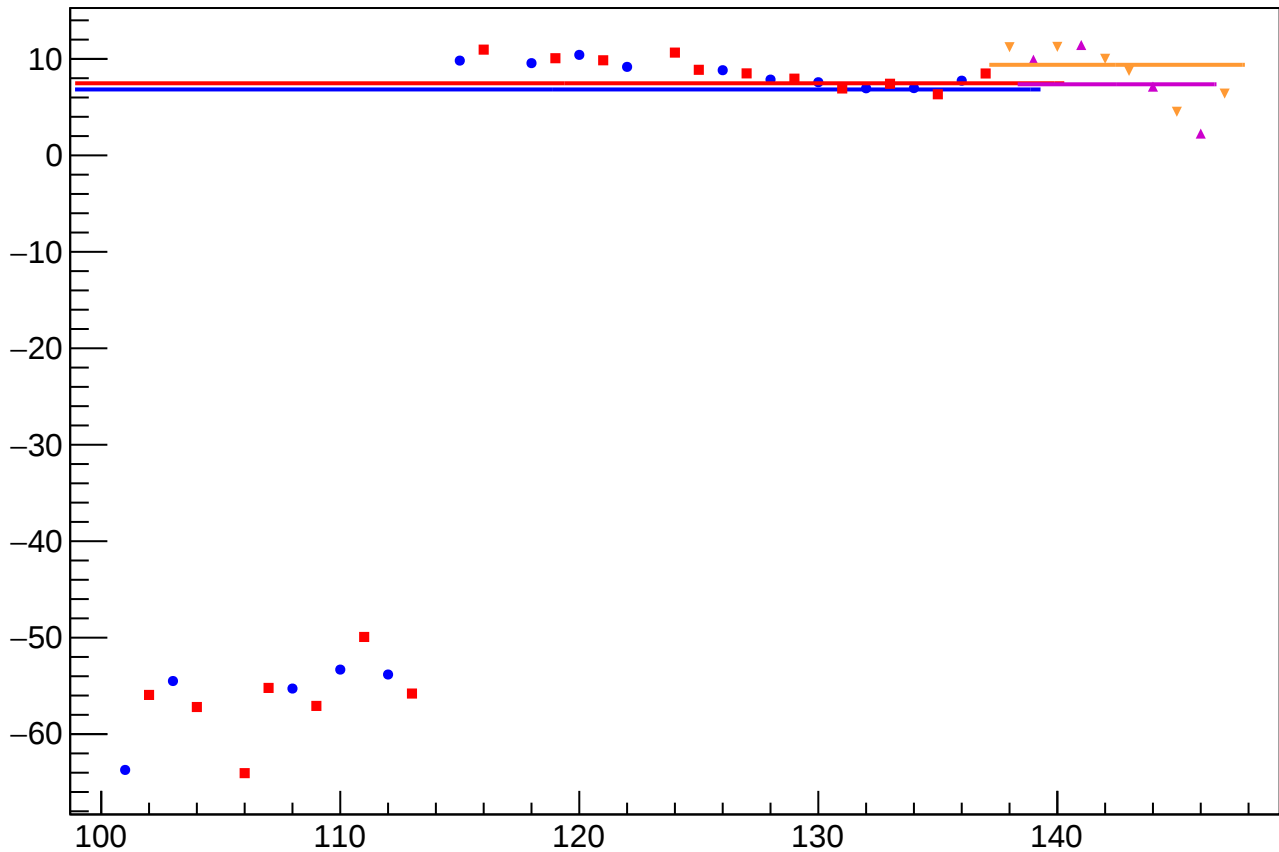
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.230 $\pm$ 0.003 χ^2 /NDF: 85791.2/18

Out: -52.367 $\pm$ 0.003 χ^2 /NDF: 138764.0/23

All: -52.301 $\pm$ 0.002 χ^2 /NDF: 225349.8/42

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 9.389 $\pm$ 0.012 χ^2 /NDF:32464.9/5

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.369 $\pm$ 0.015 χ^2 /NDF:72718.9/3

Left: 8.564 $\pm$ 0.009 χ^2 /NDF: 116656.8/9

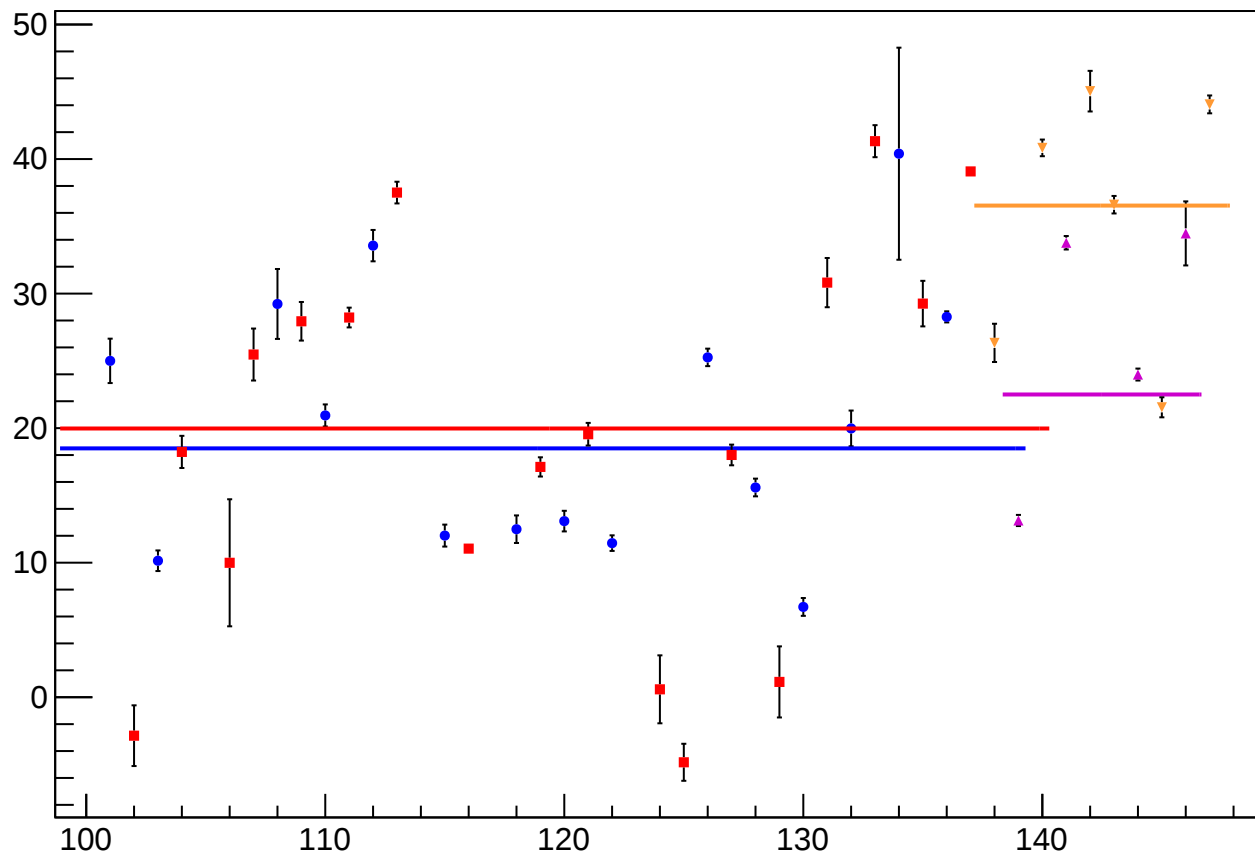
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 6.892 $\pm$ 0.005 χ^2 /NDF:1064510.4/18

Out: 8.188 $\pm$ 0.007 χ^2 /NDF:1243793.6/23

All: 7.276 $\pm$ 0.004 χ^2 /NDF: 2330098.5/42

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.542 $\pm$ 0.317 χ^2/NDF : 665.9/5

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 22.502 $\pm$ 0.258 χ^2/NDF : 1054.4/3

Left: 28.100 $\pm$ 0.200 χ^2/NDF : 2903.3/9

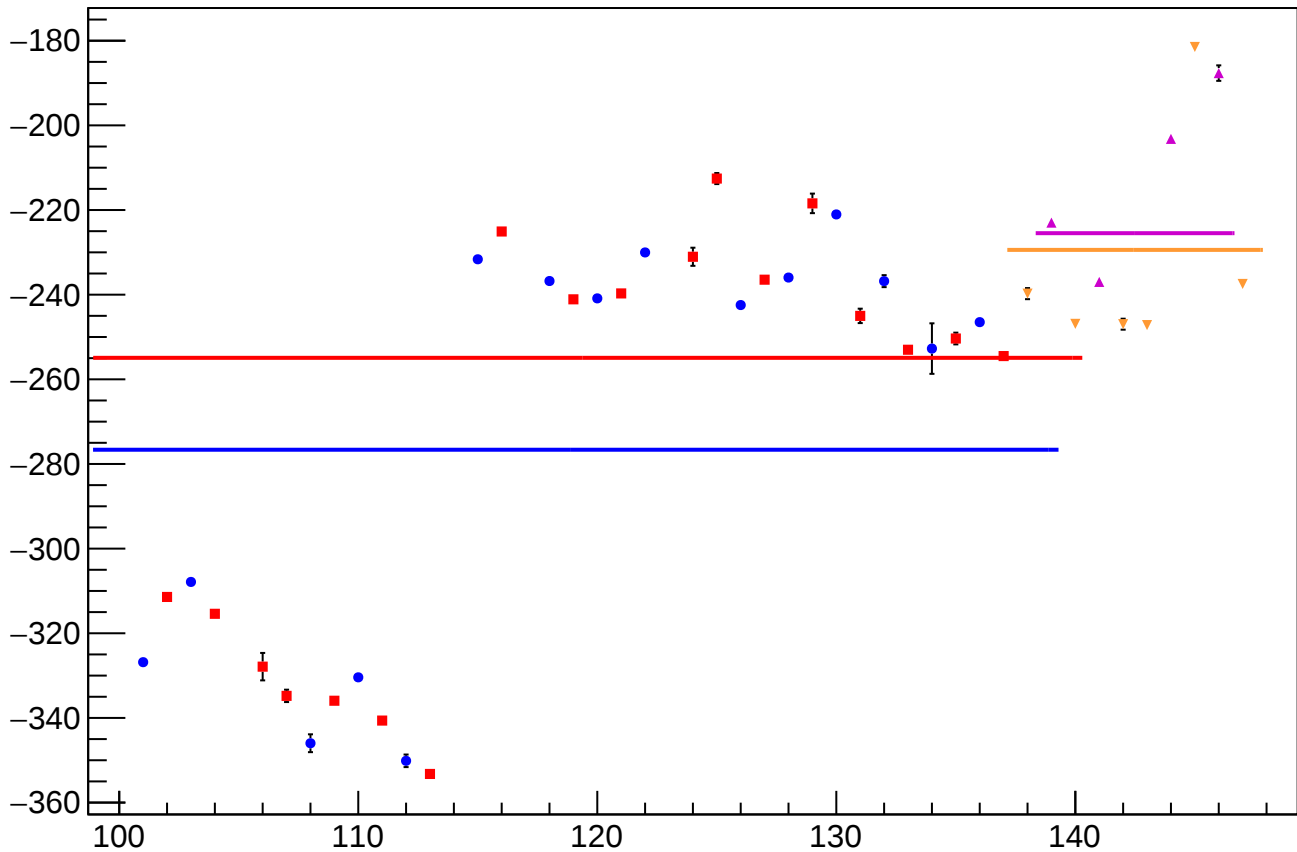
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 20.002 $\pm$ 0.158 χ^2/NDF : 2841.8/18

Out: 22.371 $\pm$ 0.120 χ^2/NDF : 12210.6/23

All: 21.501 $\pm$ 0.096 χ^2/NDF : 15194.5/42

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -229.420 ± 0.258 $\chi^2/\text{NDF}: 10501.5/5$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -225.471 ± 0.253 $\chi^2/\text{NDF}: 2114.6/3$

Left: -227.412 ± 0.181 $\chi^2/\text{NDF}: 12735.6/9$

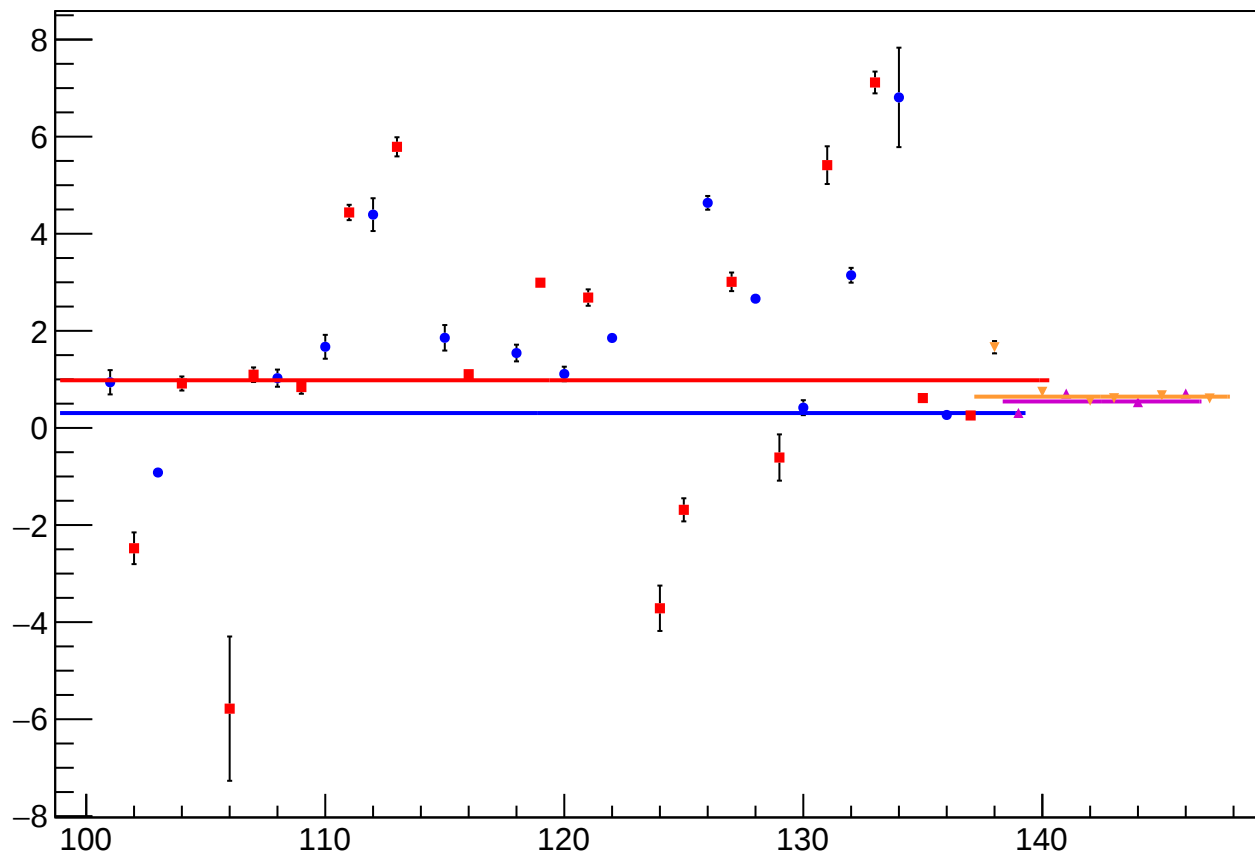
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -263.668 ± 0.127 $\chi^2/\text{NDF}: 109712.6/18$

Out: -253.109 ± 0.069 $\chi^2/\text{NDF}: 91557.8/23$

All: -255.482 ± 0.060 $\chi^2/\text{NDF}: 206589.2/42$

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: 0.545 ± 0.004 χ^2/NDF : 1604.6/3

Left: 0.592 ± 0.003 χ^2/NDF : 2136.1/9

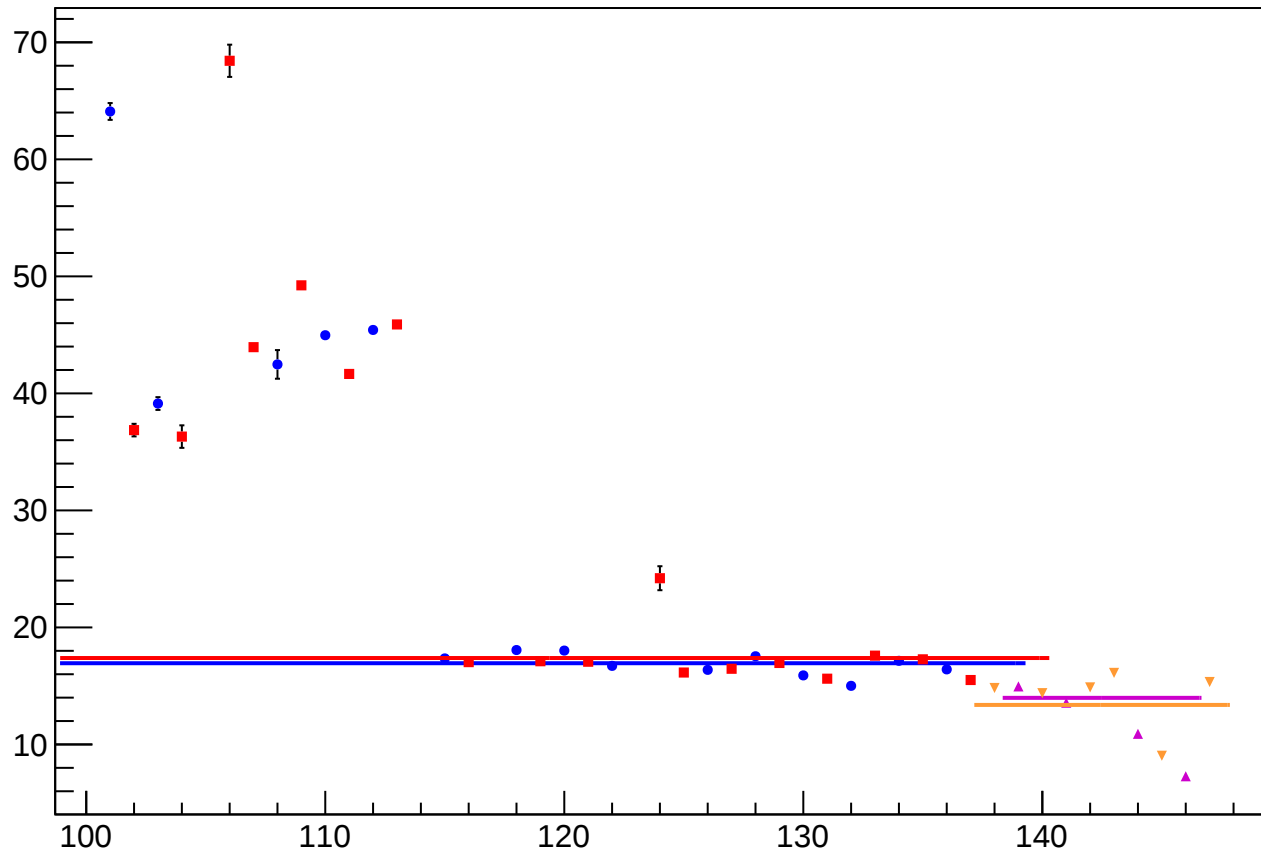
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.479 ± 0.004 χ^2/NDF : 5322.5/18

Out: 0.672 ± 0.004 χ^2/NDF : 4117.1/23

All: 0.558 ± 0.003 χ^2/NDF : 10695.3/42

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: 13.982 ± 0.025 $\chi^2/\text{NDF}: 4708.8/3$

Left: 13.529 ± 0.012 $\chi^2/\text{NDF}: 46406.3/9$

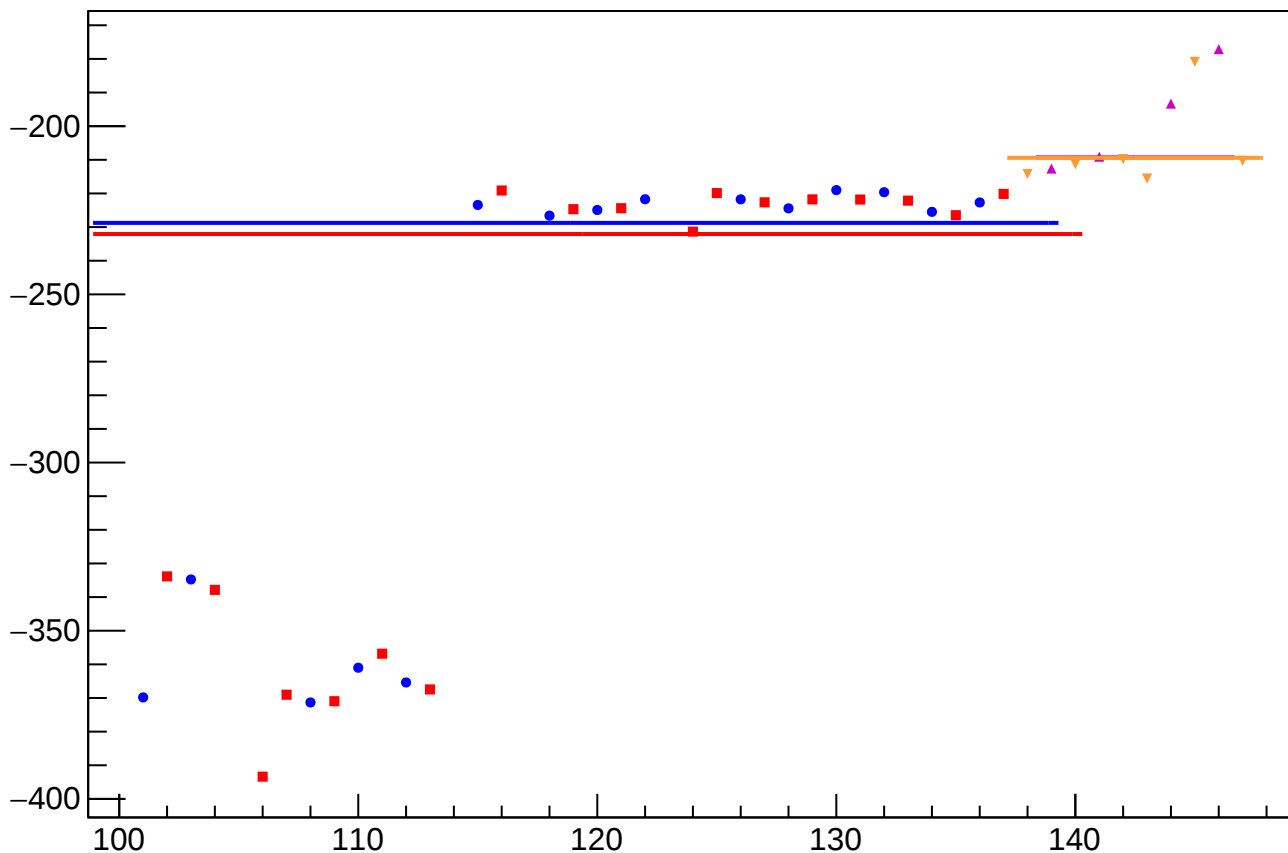
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.314 ± 0.011 $\chi^2/\text{NDF}: 44929.7/18$

Out: 14.982 ± 0.011 $\chi^2/\text{NDF}: 133510.0/23$

All: 15.631 ± 0.008 $\chi^2/\text{NDF}: 185411.5/42$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2 /NDF: 657578.5/14

Left Out: -209.408+/-0.035 χ^2 /NDF: 64965.5/5

Right Out: -232.058+/-0.041 χ^2 /NDF: 791526.5/17

Left In: -209.262+/-0.044 χ^2 /NDF: 8959.2/3

Left: -209.351+/-0.028 χ^2 /NDF: 73931.3/9

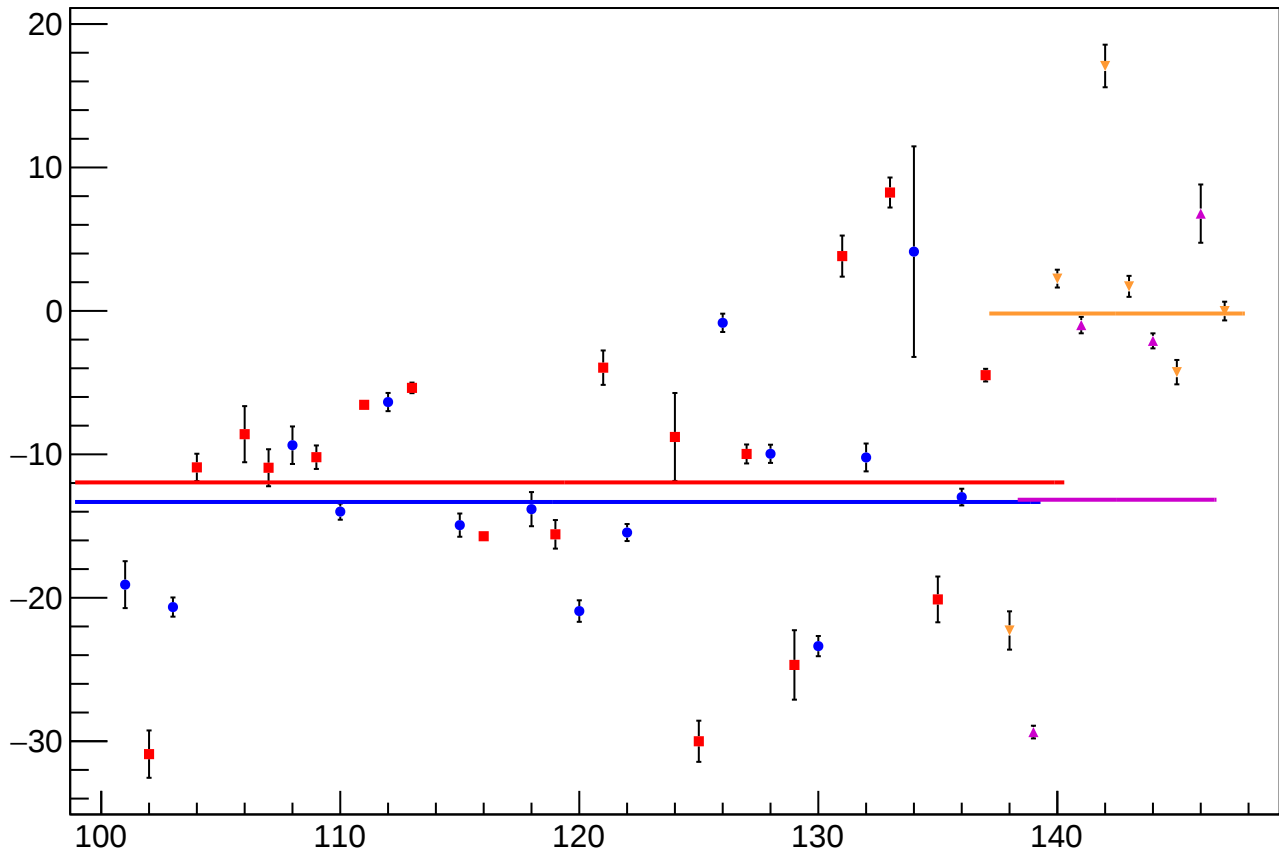
Right: -230.117+/-0.027 χ^2 /NDF: 1452870.5/32

In: -221.290+/-0.027 χ^2 /NDF: 787346.2/18

Out: -218.969+/-0.027 χ^2 /NDF: 1030288.4/23

All: -220.112+/-0.019 χ^2 /NDF: 1821318.3/42

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -0.182 ± 0.330 $\chi^2/\text{NDF}: 454.2/5$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -13.165 ± 0.288 $\chi^2/\text{NDF}: 2328.7/3$

Left: -7.535 ± 0.217 $\chi^2/\text{NDF}: 3661.1/9$

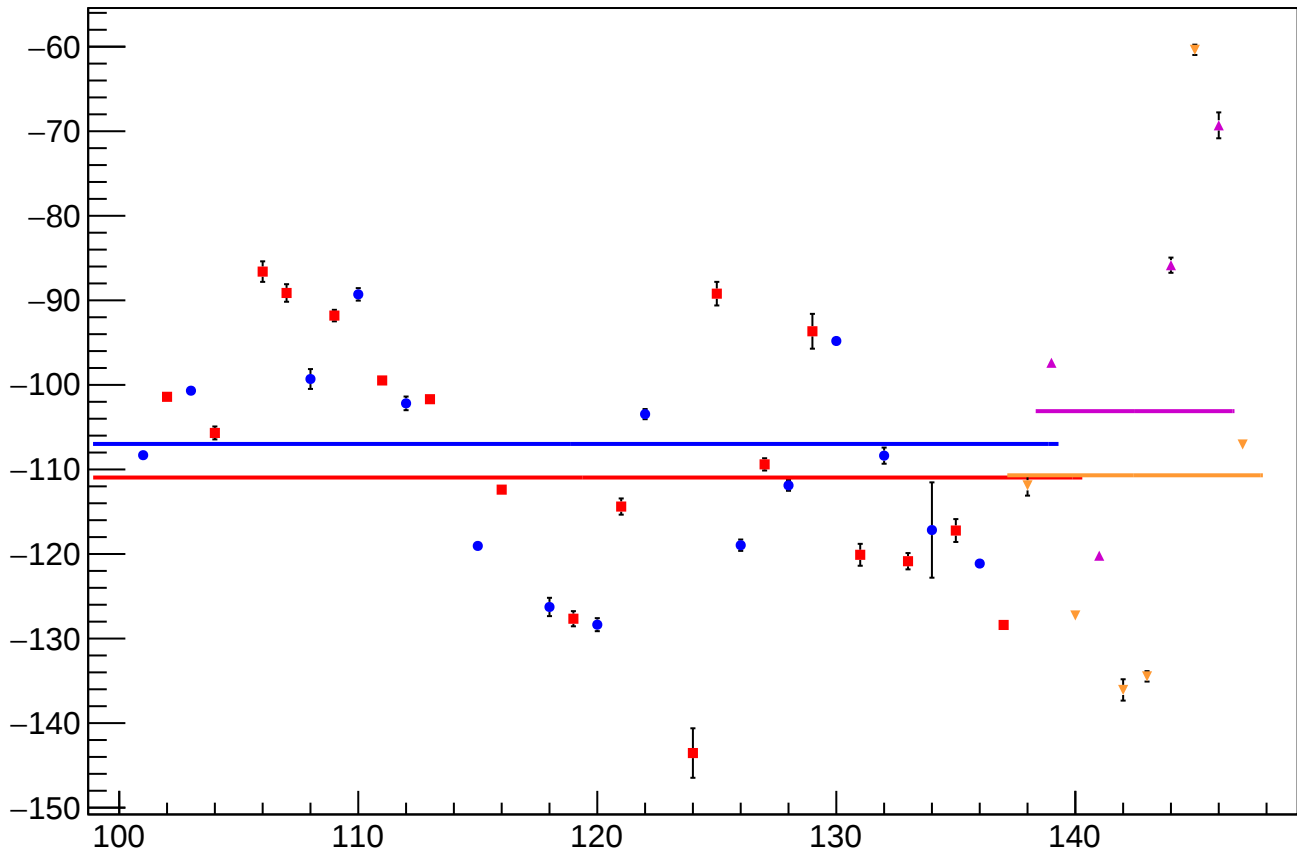
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.272 ± 0.161 $\chi^2/\text{NDF}: 3341.9/18$

Out: -10.727 ± 0.107 $\chi^2/\text{NDF}: 4083.5/23$

All: -11.503 ± 0.089 $\chi^2/\text{NDF}: 7599.6/42$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -110.691+/-0.263 χ^2/NDF : 9928.6/5

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -103.105+/-0.264 χ^2/NDF : 2499.4/3

Left: -106.915+/-0.187 χ^2/NDF : 12841.6/9

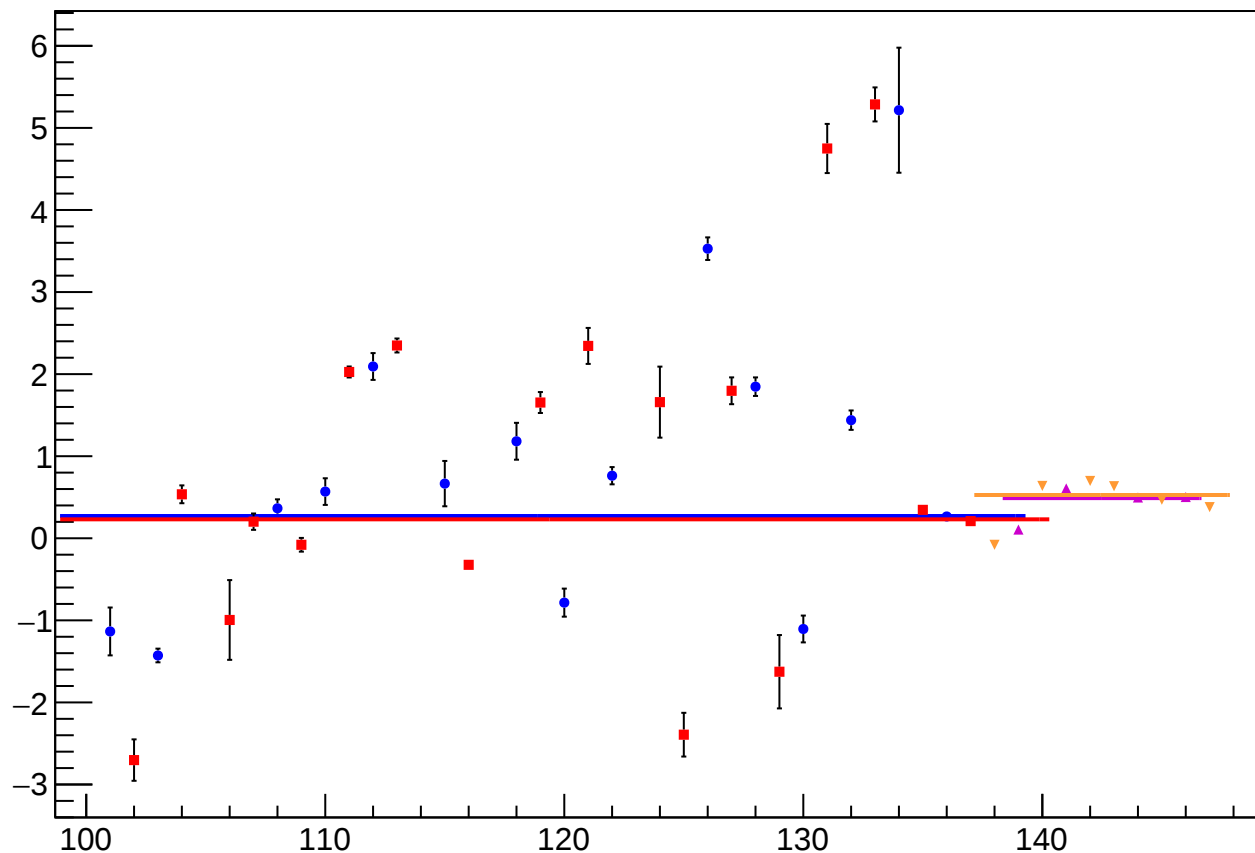
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -106.410+/-0.102 χ^2/NDF : 7341.1/18

Out: -110.945+/-0.049 χ^2/NDF : 20604.5/23

All: -110.081+/-0.044 χ^2/NDF : 29559.2/42

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.527 ± 0.005 $\chi^2/\text{NDF}: 1297.2/5$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.489 ± 0.004 $\chi^2/\text{NDF}: 2396.6/3$

Left: 0.502 ± 0.003 $\chi^2/\text{NDF}: 3731.1/9$

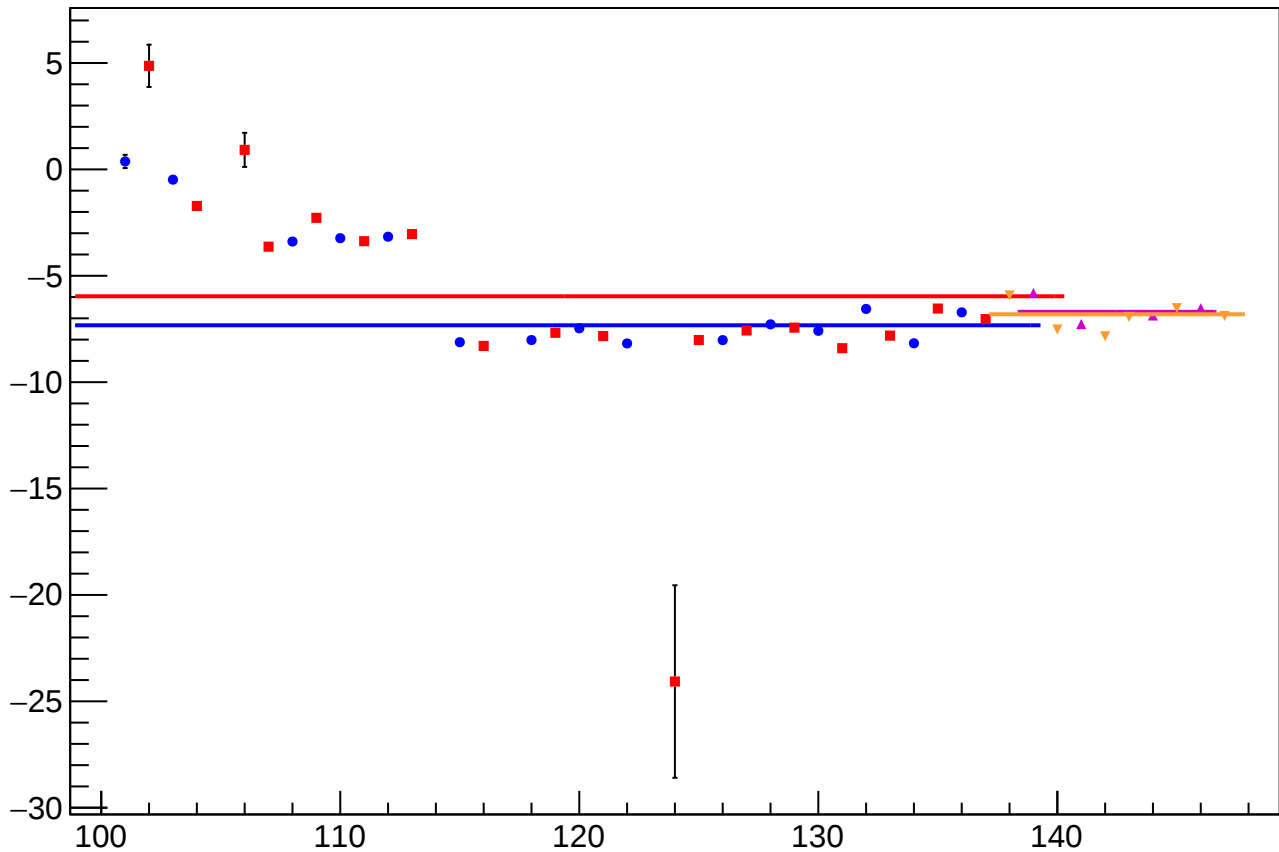
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.420 ± 0.003 $\chi^2/\text{NDF}: 5152.1/18$

Out: 0.360 ± 0.003 $\chi^2/\text{NDF}: 6169.6/23$

All: 0.393 ± 0.002 $\chi^2/\text{NDF}: 11498.4/42$

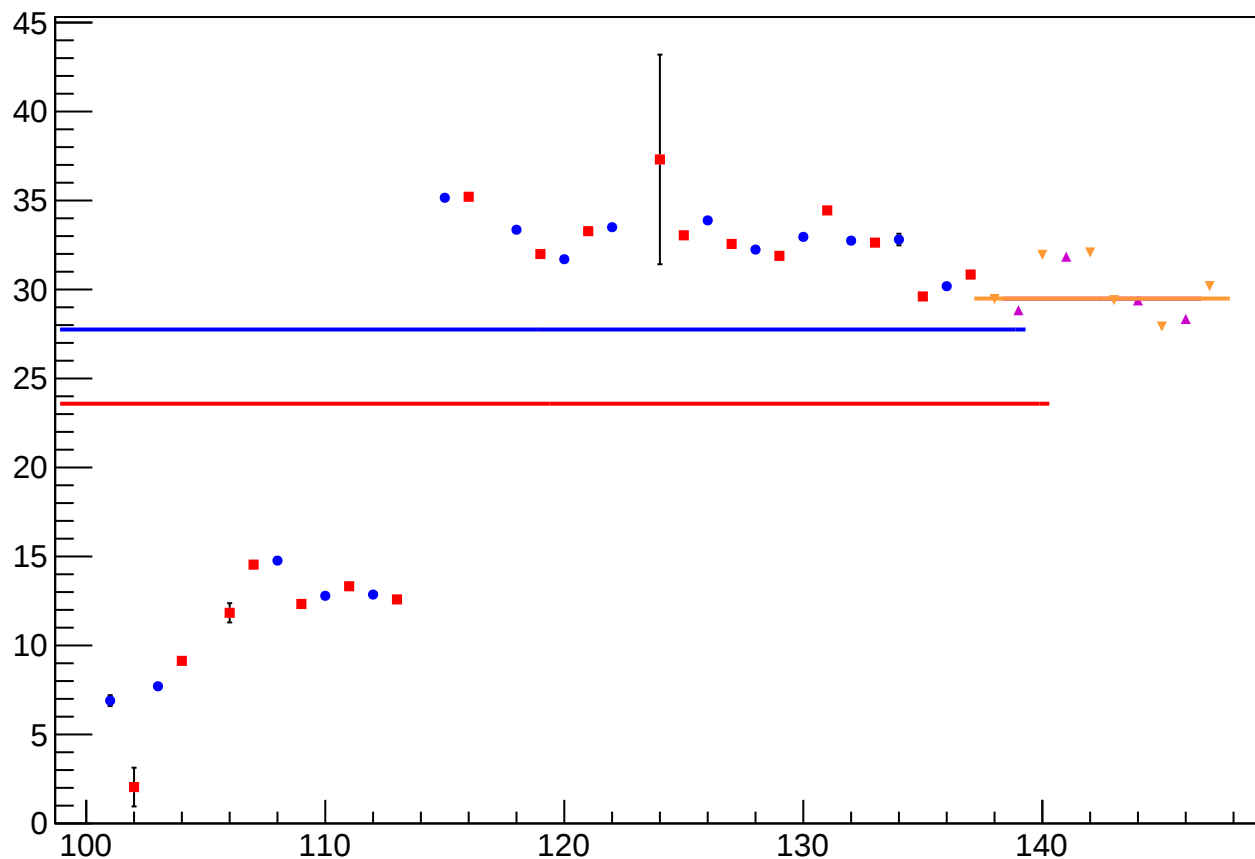
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.809 ± 0.011 $\chi^2/\text{NDF}: 1430.7/5$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.693 ± 0.010 $\chi^2/\text{NDF}: 2688.2/3$

Left: -6.744 ± 0.007 $\chi^2/\text{NDF}: 4181.6/9$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -7.057 ± 0.006 $\chi^2/\text{NDF}: 35614.5/18$
 Out: -6.294 ± 0.007 $\chi^2/\text{NDF}: 76863.0/23$
 All: -6.704 ± 0.005 $\chi^2/\text{NDF}: 119150.2/42$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752+/-0.015 χ^2/NDF : 332926.6/14

Left Out: 29.491+/-0.020 χ^2/NDF : 5850.5/5

Right Out: 23.585+/-0.014 χ^2/NDF : 539616.2/17

Left In: 29.485+/-0.027 χ^2/NDF : 1392.1/3

Left: 29.489+/-0.016 χ^2/NDF : 7242.6/9

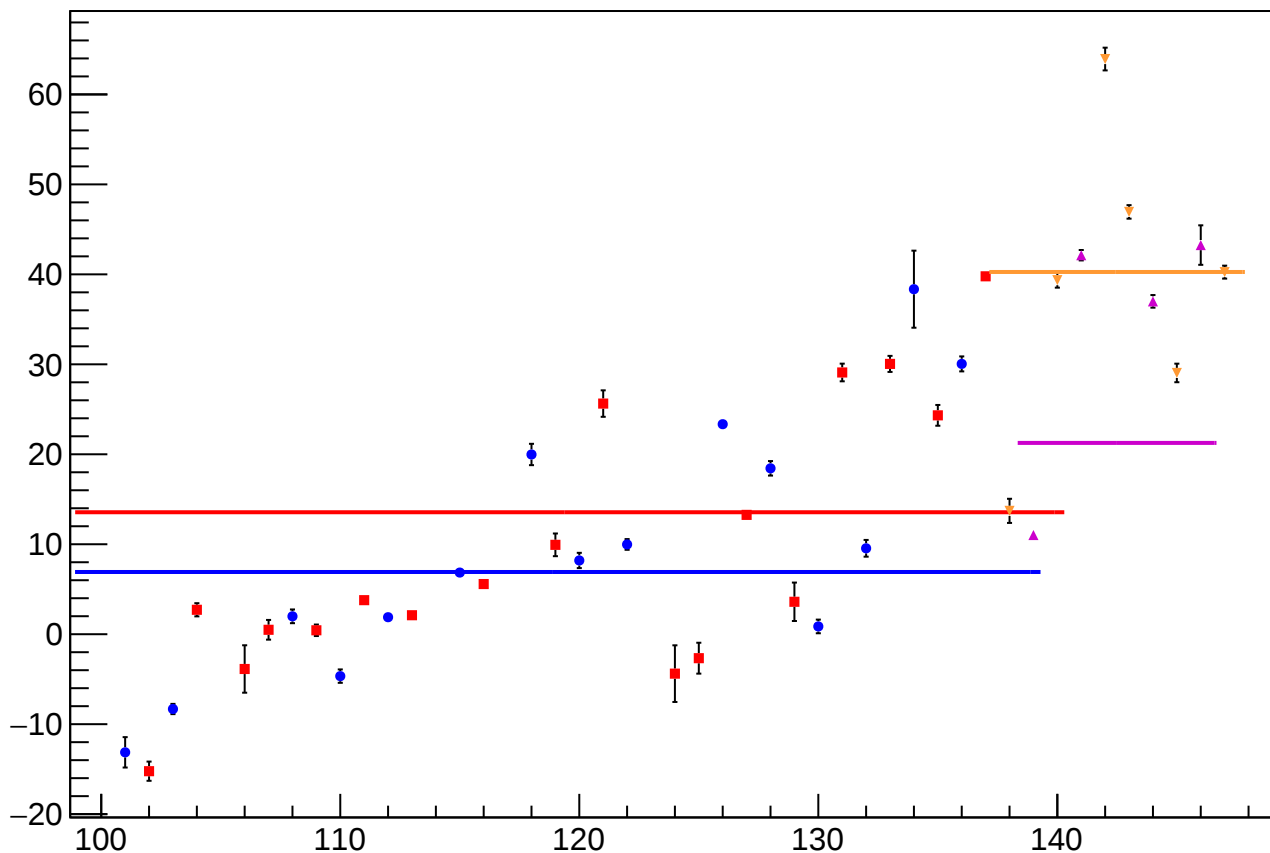
Right: 25.477+/-0.010 χ^2/NDF : 914478.1/32

In: 28.152+/-0.013 χ^2/NDF : 337384.2/18

Out: 25.485+/-0.011 χ^2/NDF : 605139.6/23

All: 26.613+/-0.009 χ^2/NDF : 966122.6/42

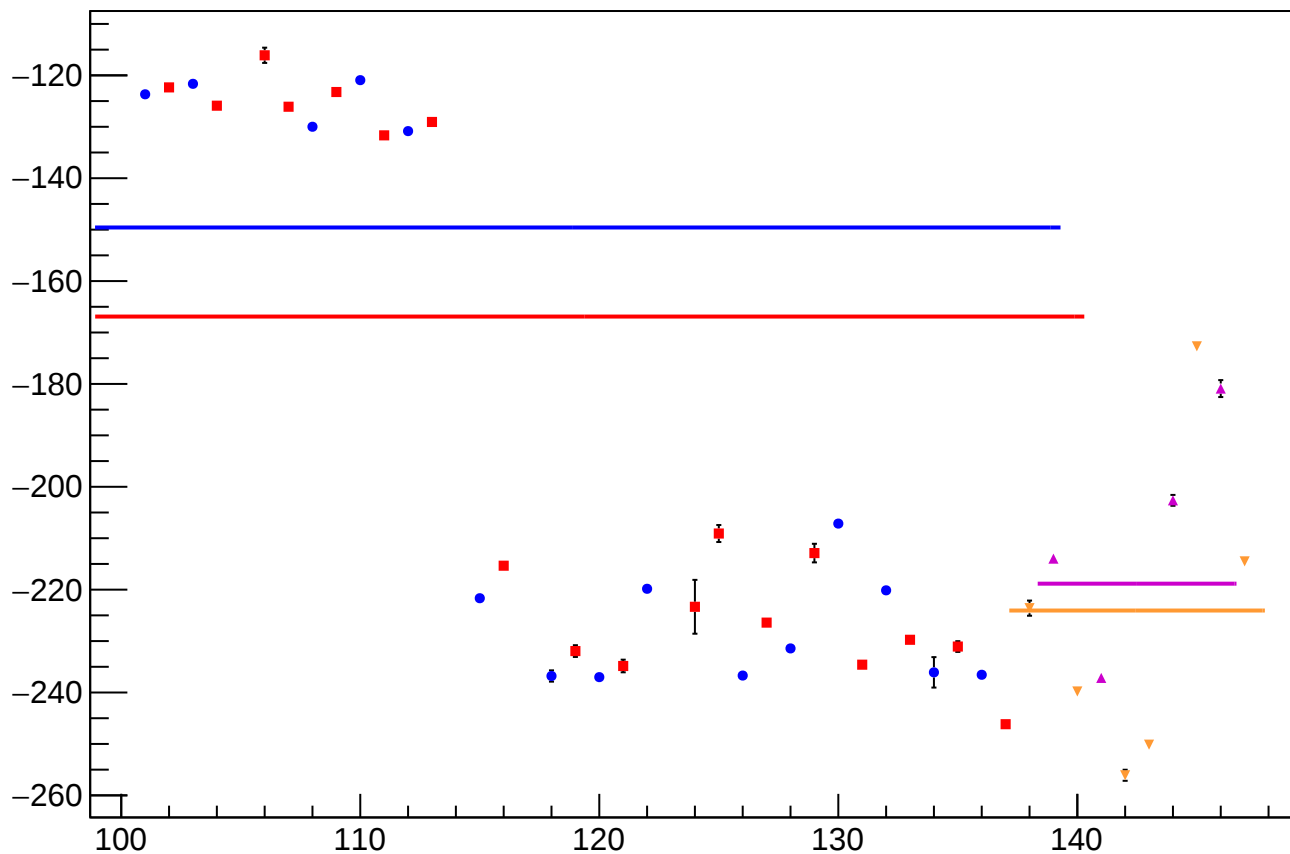
dit_sam4_4aX_slope vs Slug, Sign Corrected



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: 21.264 ± 0.260 $\chi^2/\text{NDF}: 2908.9/3$

Left: 27.498 ± 0.213 $\chi^2/\text{NDF}: 5607.9/9$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 11.455 ± 0.146 $\chi^2/\text{NDF}: 8501.3/18$
 Out: 17.092 ± 0.135 $\chi^2/\text{NDF}: 17084.0/23$
 All: 14.491 ± 0.099 $\chi^2/\text{NDF}: 26388.3/42$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 +/- 0.101 χ^2/NDF : 195091.5/14

Left Out: -224.059 +/- 0.307 χ^2/NDF : 8391.2/5

Right Out: -166.899 +/- 0.101 χ^2/NDF : 295489.9/17

Left In: -218.838 +/- 0.232 χ^2/NDF : 2689.3/3

Left: -220.740 +/- 0.185 χ^2/NDF : 11264.5/9

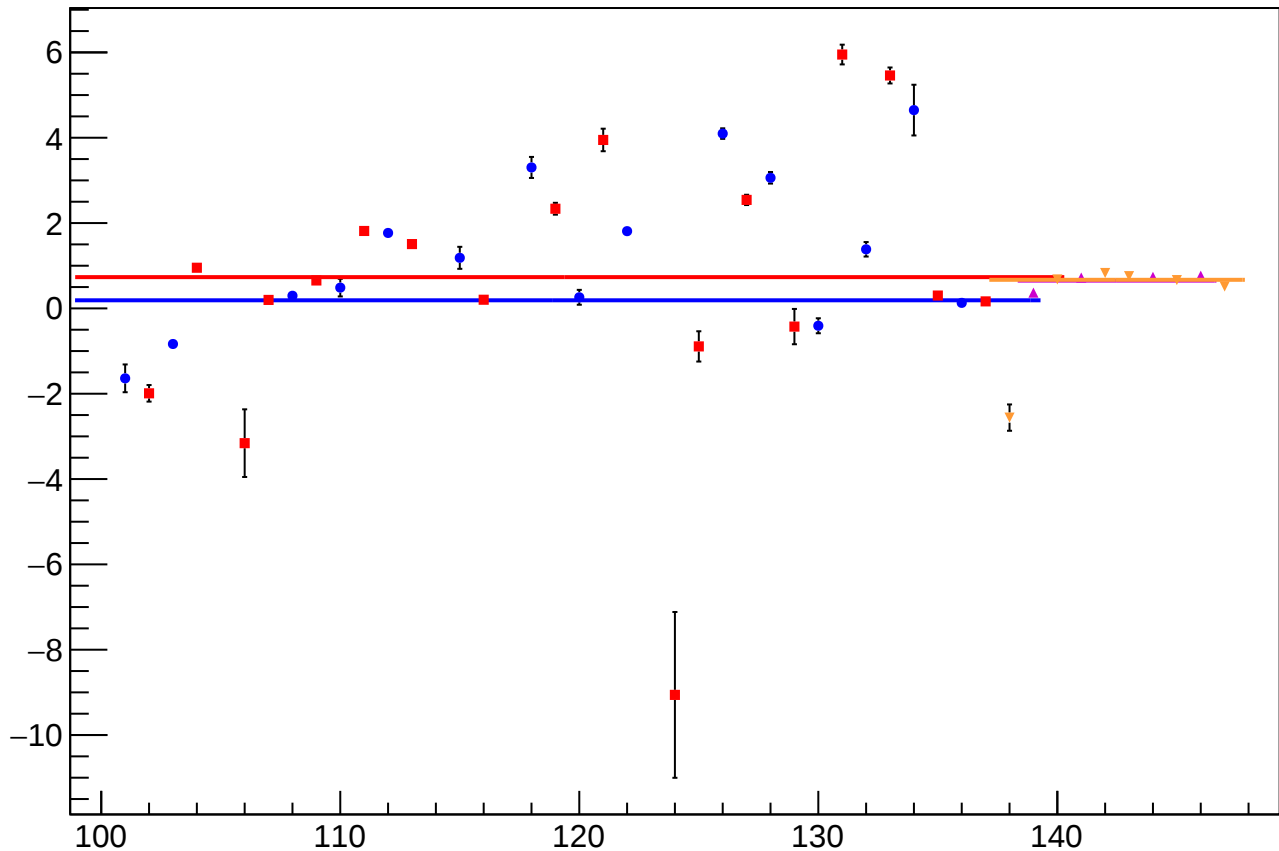
Right: -158.264 +/- 0.071 χ^2/NDF : 505360.9/32

In: -160.565 +/- 0.093 χ^2/NDF : 272549.4/18

Out: -172.444 +/- 0.096 χ^2/NDF : 335203.8/23

All: -166.311 +/- 0.066 χ^2/NDF : 615725.7/42

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: 0.651 $\pm$ 0.006 χ^2 /NDF:769.8/3

Left: 0.658 $\pm$ 0.004 χ^2 /NDF: 1185.8/9

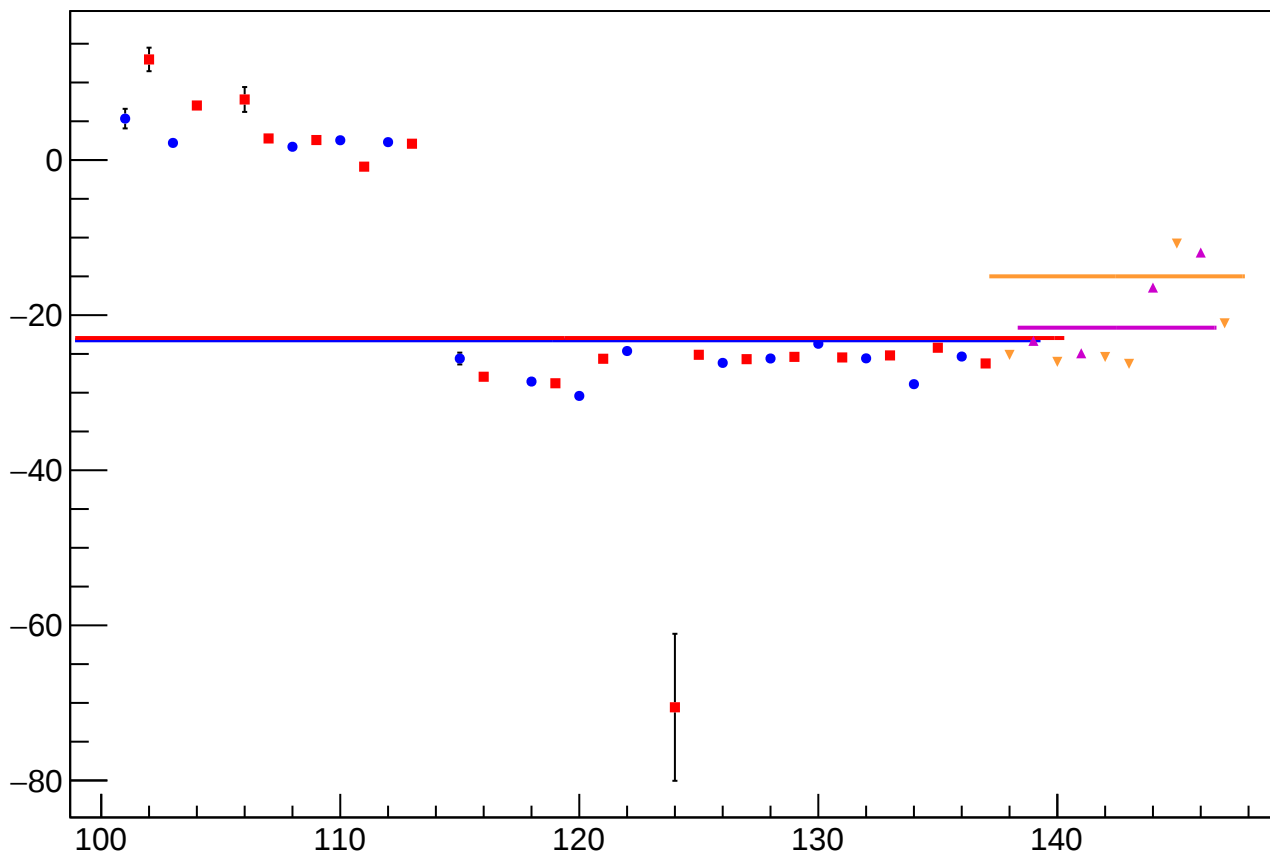
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.516 $\pm$ 0.005 χ^2 /NDF:5524.0/18

Out: 0.677 $\pm$ 0.006 χ^2 /NDF:3087.1/23

All: 0.571 $\pm$ 0.004 χ^2 /NDF: 9021.8/42

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: -21.617 ± 0.054 $\chi^2/\text{NDF}: 7660.9/3$

Left: -15.910 ± 0.020 $\chi^2/\text{NDF}: 108727.8/9$

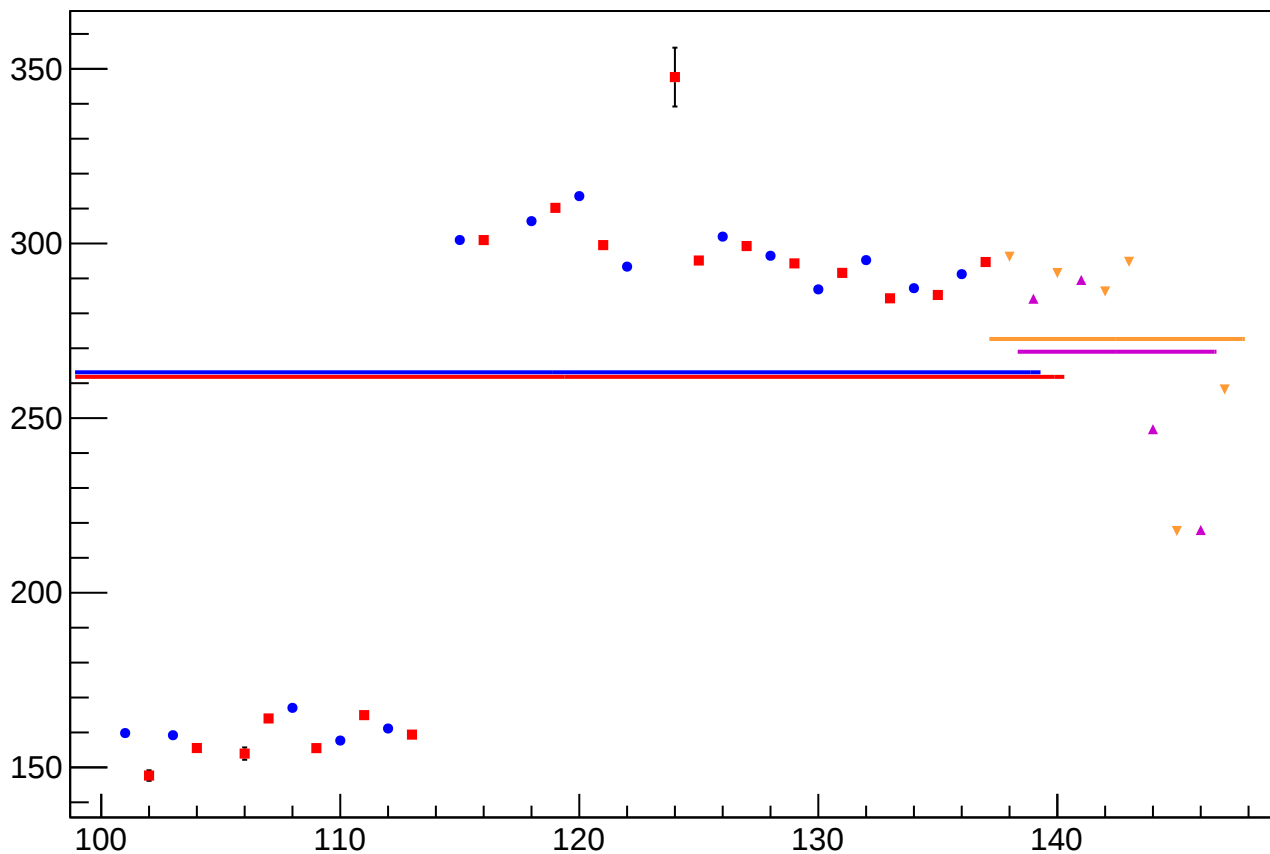
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.956 ± 0.022 $\chi^2/\text{NDF}: 111518.3/18$

Out: -18.426 ± 0.016 $\chi^2/\text{NDF}: 255047.3/23$

All: -19.976 ± 0.013 $\chi^2/\text{NDF}: 393262.6/42$

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: 269.009 $\pm$ 0.165 χ^2 /NDF: 32311.4/3

Left: 272.073 $\pm$ 0.066 χ^2 /NDF: 204071.3/9

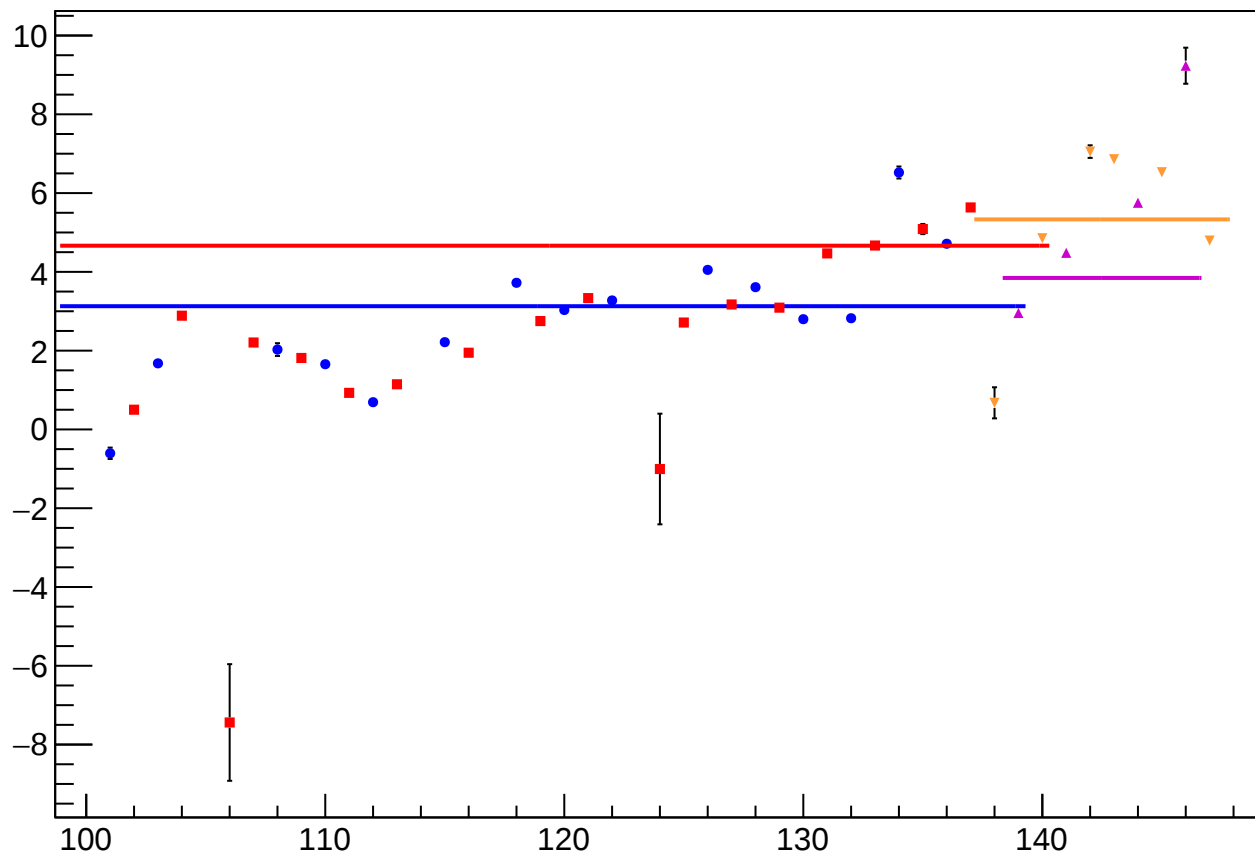
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 263.997 $\pm$ 0.064 χ^2 /NDF: 726278.6/18

Out: 266.258 $\pm$ 0.046 χ^2 /NDF: 1190739.8/23

All: 265.474 $\pm$ 0.038 χ^2 /NDF: 1917841.0/42

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.333 $\pm$ 0.036 χ^2 /NDF: 760.6/5

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 3.846 $\pm$ 0.028 χ^2 /NDF: 1439.4/3

Left: 4.413 $\pm$ 0.022 χ^2 /NDF: 3273.4/9

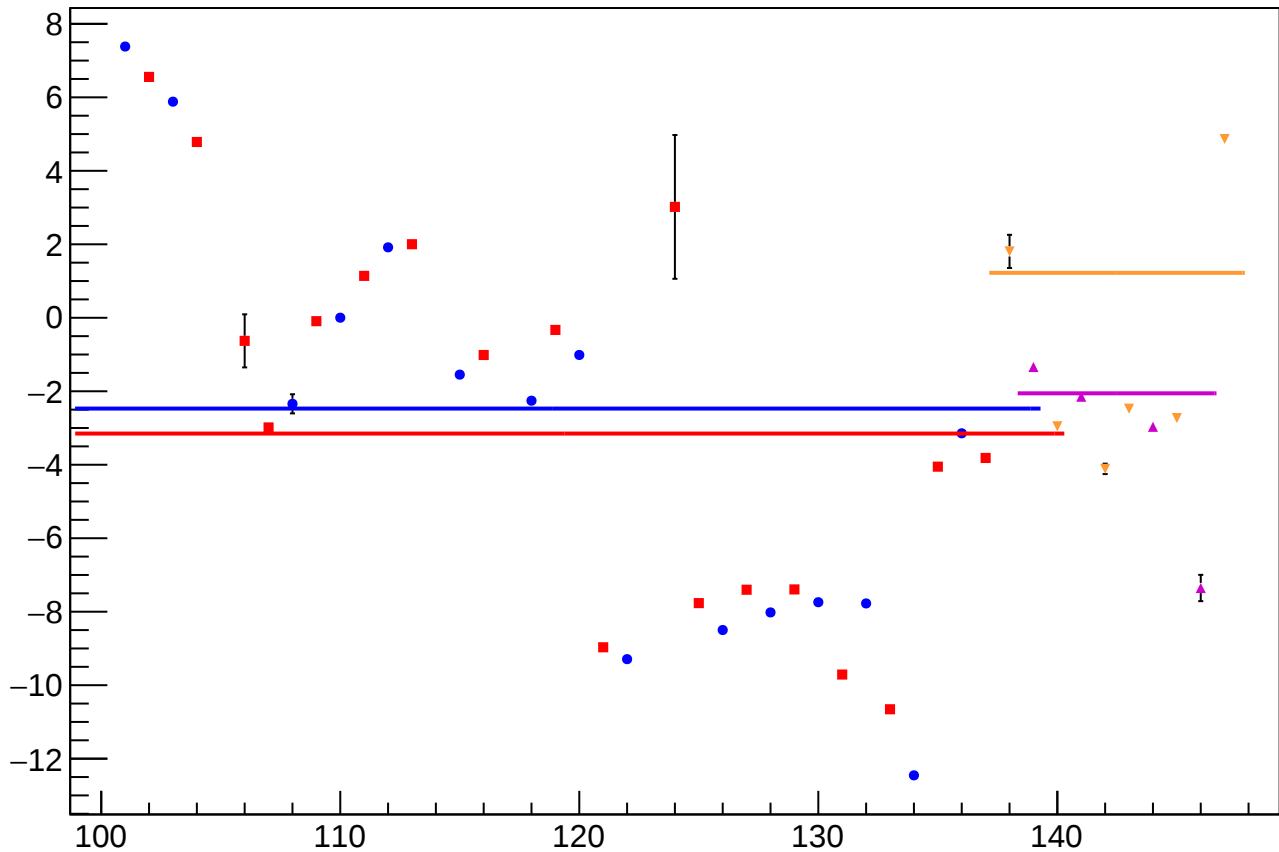
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.301 $\pm$ 0.014 χ^2 /NDF: 7604.7/18

Out: 4.685 $\pm$ 0.006 χ^2 /NDF: 67963.0/23

All: 4.447 $\pm$ 0.006 χ^2 /NDF: 83980.7/42

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 1.224 ± 0.029 $\chi^2/\text{NDF}: 18119.2/5$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -2.056 ± 0.029 $\chi^2/\text{NDF}: 651.0/3$

Left: -0.414 ± 0.020 $\chi^2/\text{NDF}: 25275.9/9$

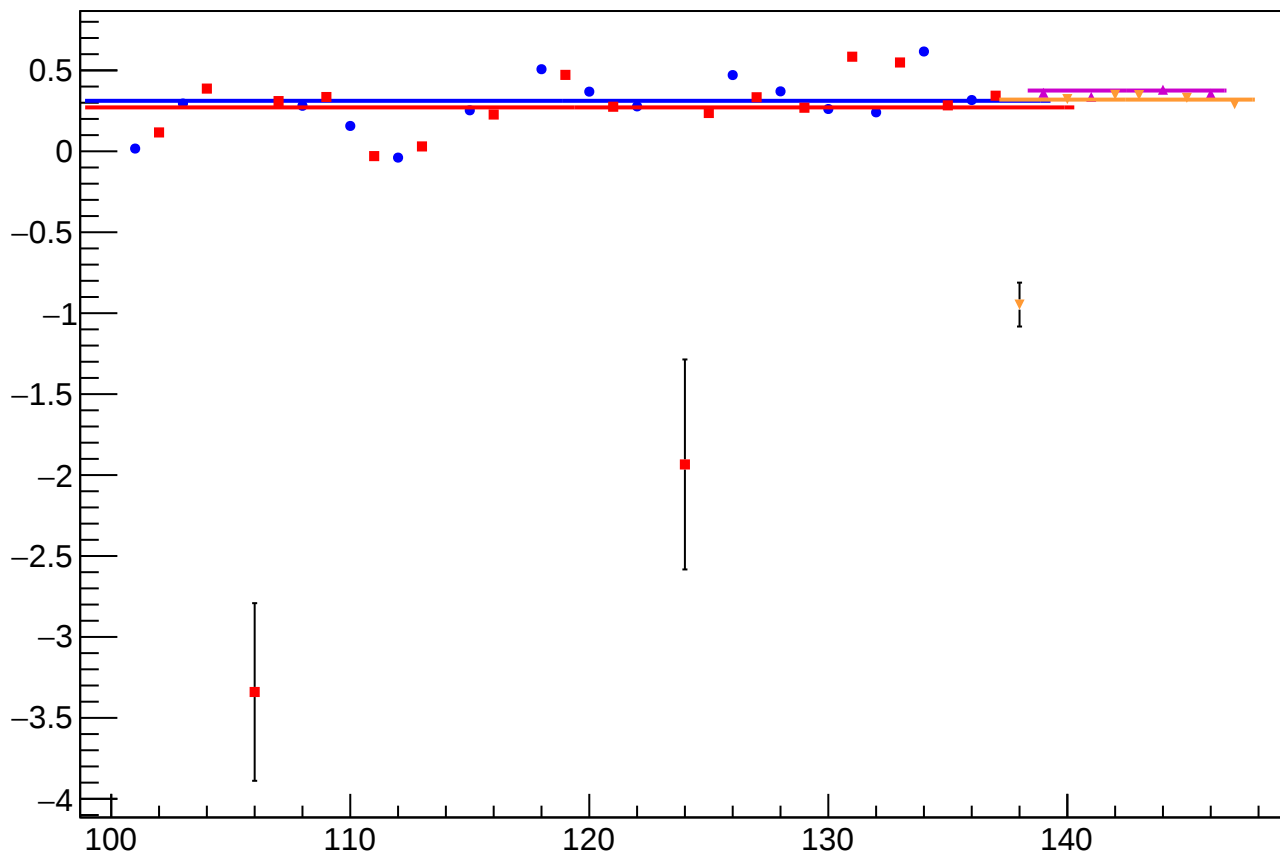
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.391 ± 0.013 $\chi^2/\text{NDF}: 243398.5/18$

Out: -2.877 ± 0.007 $\chi^2/\text{NDF}: 287277.1/23$

All: -2.758 ± 0.006 $\chi^2/\text{NDF}: 531789.0/42$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 512.6/5$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.375 ± 0.001 $\chi^2/\text{NDF}: 78.0/3$

Left: 0.342 ± 0.001 $\chi^2/\text{NDF}: 1491.2/9$

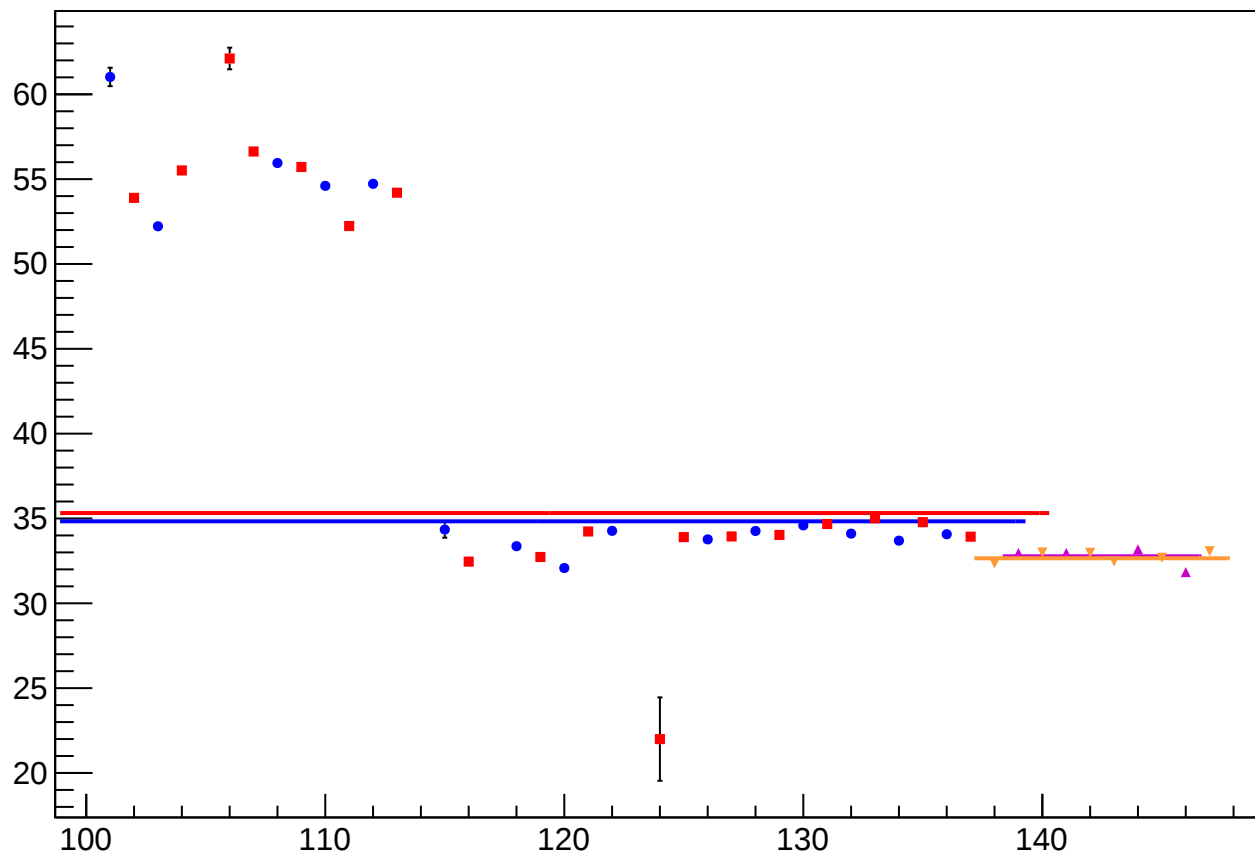
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2485.9/18$

Out: 0.308 ± 0.001 $\chi^2/\text{NDF}: 7052.1/23$

All: 0.325 ± 0.001 $\chi^2/\text{NDF}: 10064.2/42$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2/NDF : 245568.8/14

Left Out: 32.655 $\pm$ 0.011 χ^2/NDF : 468.4/5

Right Out: 35.319 $\pm$ 0.010 χ^2/NDF : 261492.0/17

Left In: 32.771 $\pm$ 0.014 χ^2/NDF : 1412.0/3

Left: 32.702 $\pm$ 0.009 χ^2/NDF : 1921.7/9

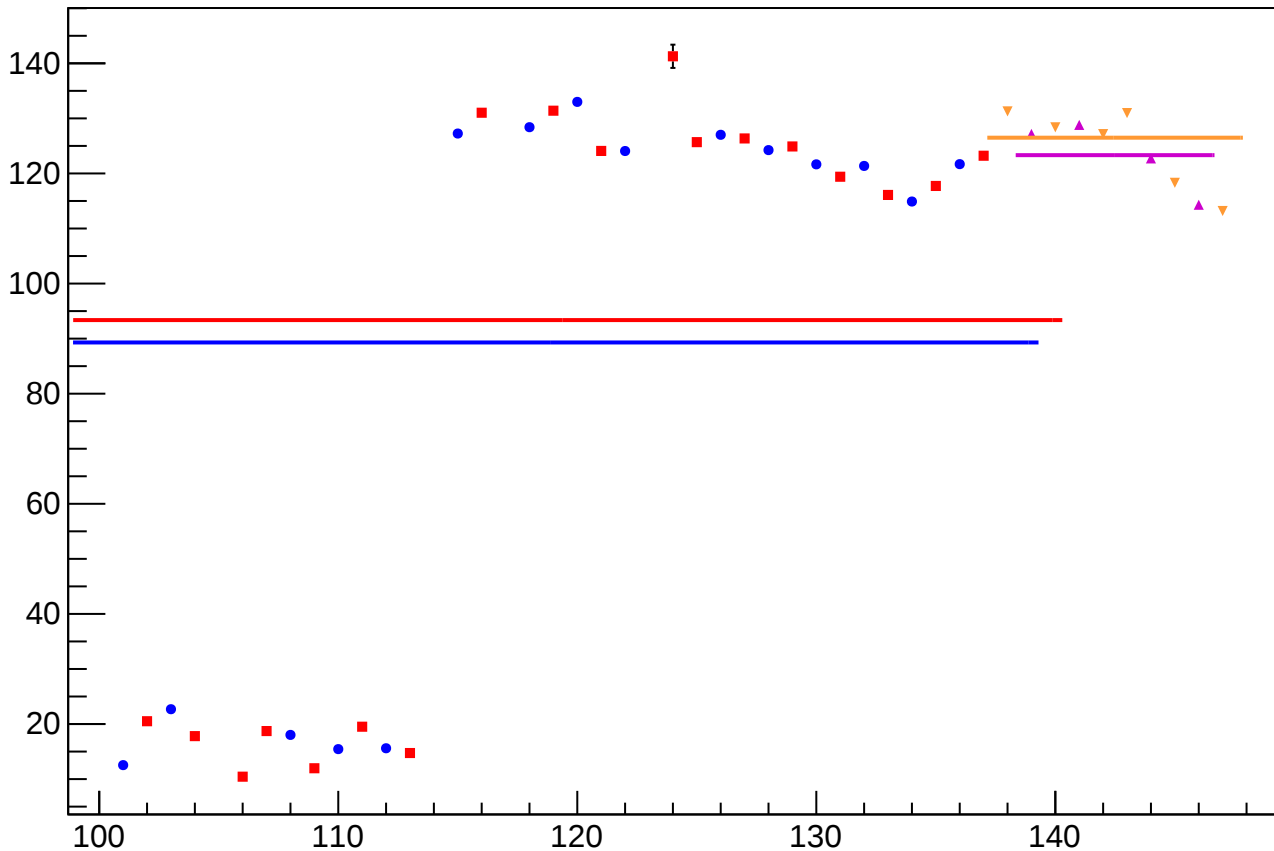
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 34.265 $\pm$ 0.007 χ^2/NDF : 262684.4/18

Out: 34.177 $\pm$ 0.008 χ^2/NDF : 292684.8/23

All: 34.222 $\pm$ 0.005 χ^2/NDF : 555440.6/42

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 126.495 ± 0.034 $\chi^2/\text{NDF}: 29387.3/5$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 123.322 ± 0.051 $\chi^2/\text{NDF}: 13926.4/3$

Left: 125.509 ± 0.028 $\chi^2/\text{NDF}: 45984.8/9$

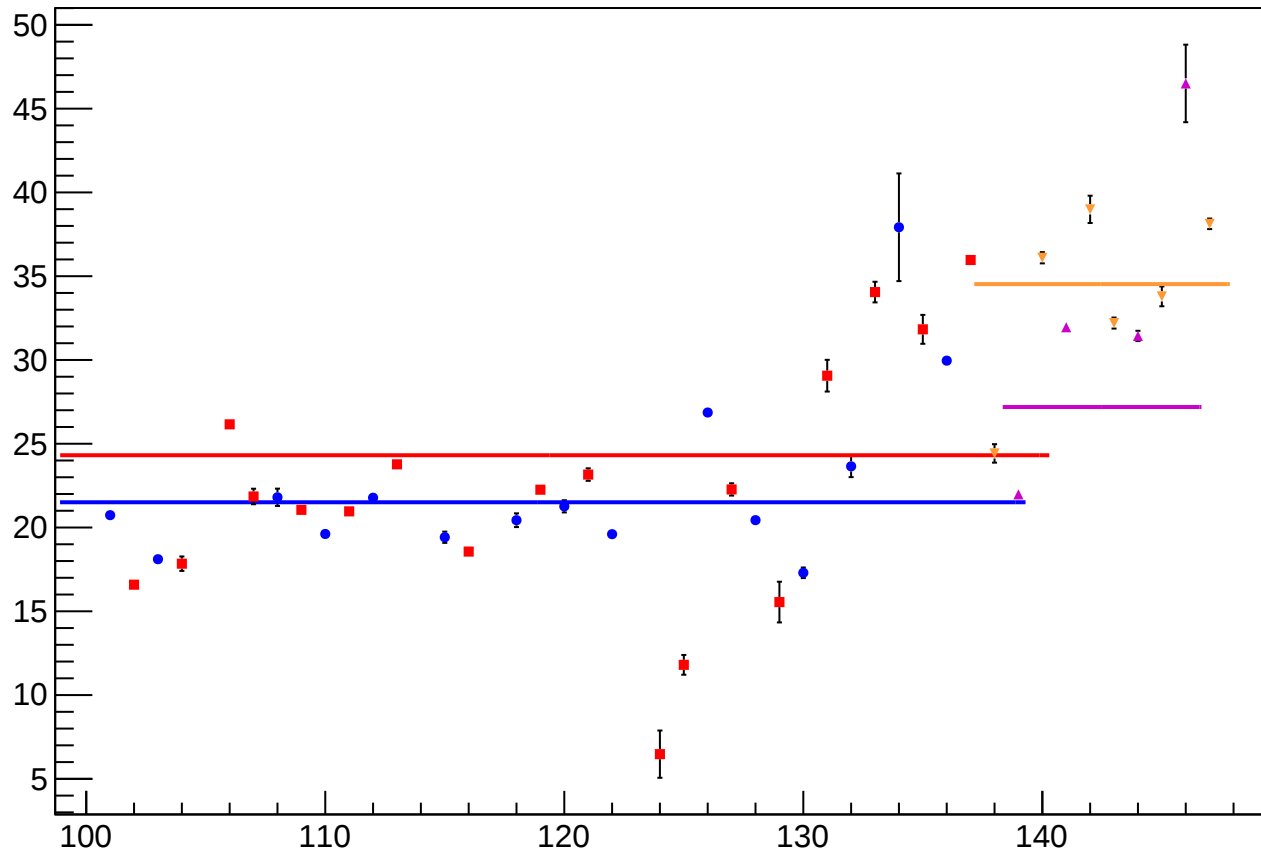
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 96.948 ± 0.024 $\chi^2/\text{NDF}: 3393942.0/18$

Out: 107.733 ± 0.023 $\chi^2/\text{NDF}: 3412727.7/23$

All: 102.716 ± 0.016 $\chi^2/\text{NDF}: 6913243.6/42$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507+/-0.072 χ^2/NDF : 2963.0/14

Left Out: 34.528+/-0.167 χ^2/NDF :569.5/5

Right Out: 24.314+/-0.058 χ^2/NDF : 14295.4/17

Left In: 27.192+/-0.143 χ^2/NDF :1235.3/3

Left: 30.280+/-0.108 χ^2/NDF : 2919.5/9

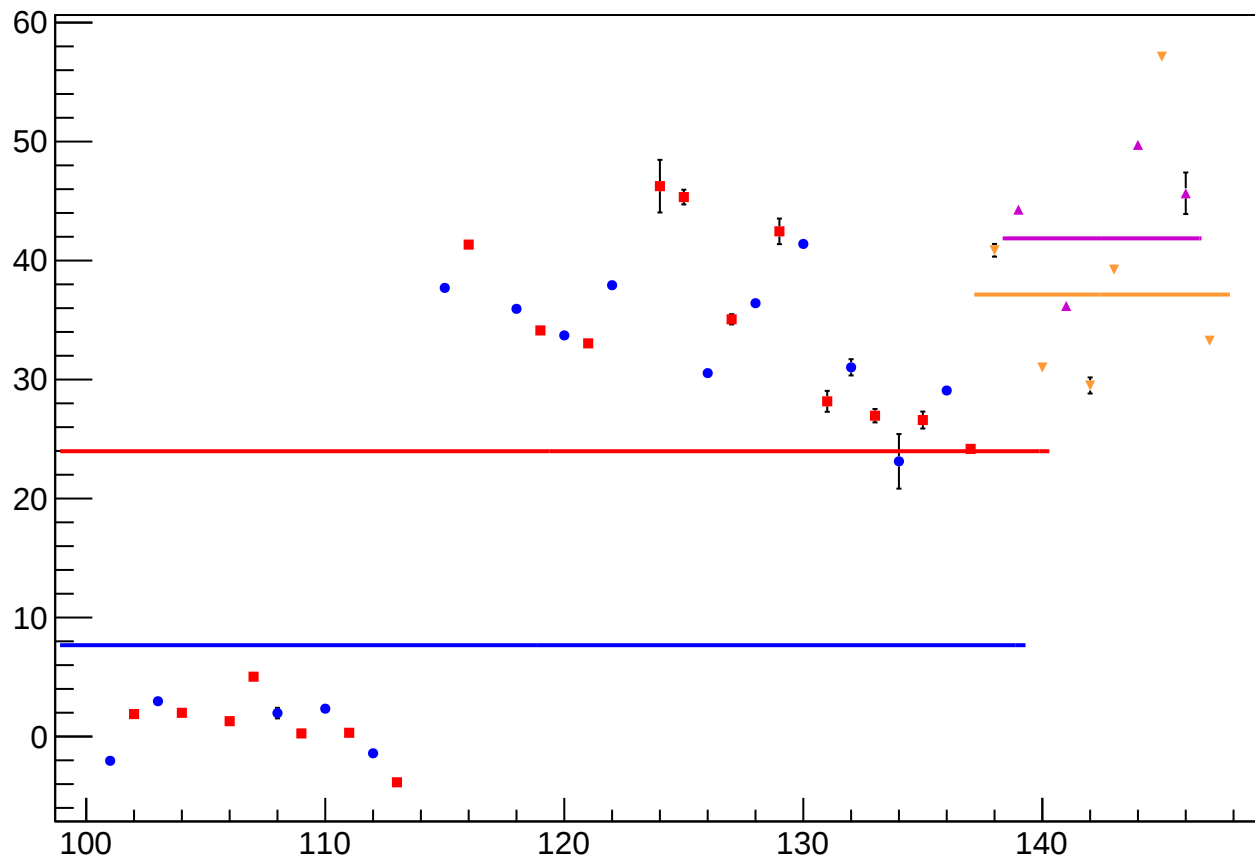
Right: 23.204+/-0.045 χ^2/NDF : 18169.2/32

In: 22.671+/-0.064 χ^2/NDF :5463.1/18

Out: 25.427+/-0.055 χ^2/NDF :18190.8/23

All: 24.262+/-0.042 χ^2/NDF : 24708.2/42

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: 41.865 +/- 0.125 χ^2/NDF : 1397.0/3

Left: 39.749 +/- 0.093 χ^2/NDF : 5185.8/9

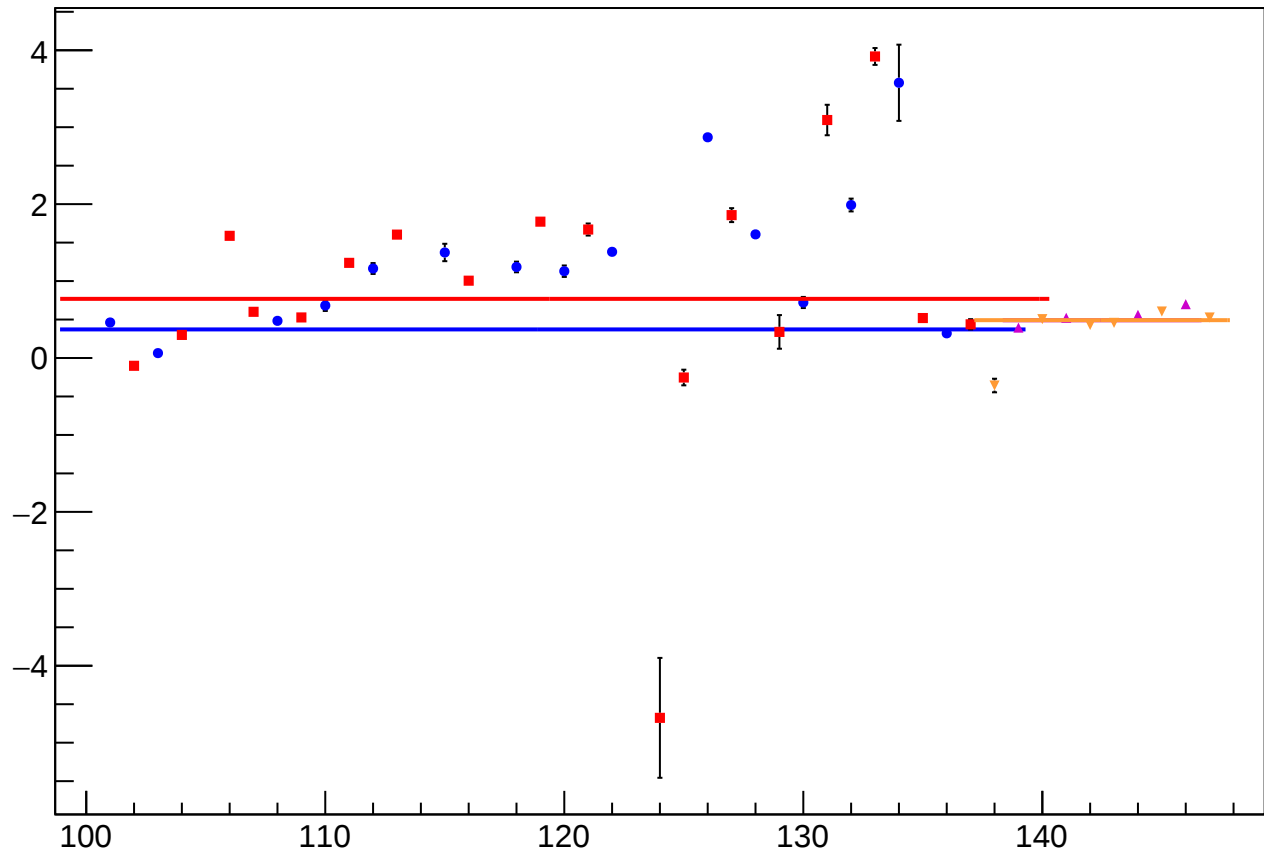
Right: 23.461 +/- 0.008 χ^2/NDF : 332774.6/32

In: 11.654 +/- 0.043 χ^2/NDF : 164329.5/18

Out: 24.023 +/- 0.008 χ^2/NDF : 122733.9/23

All: 23.583 +/- 0.008 χ^2/NDF : 368668.1/42

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: 0.490 ± 0.003 $\chi^2/\text{NDF}: 604.9/3$

Left: 0.491 ± 0.002 $\chi^2/\text{NDF}: 927.6/9$

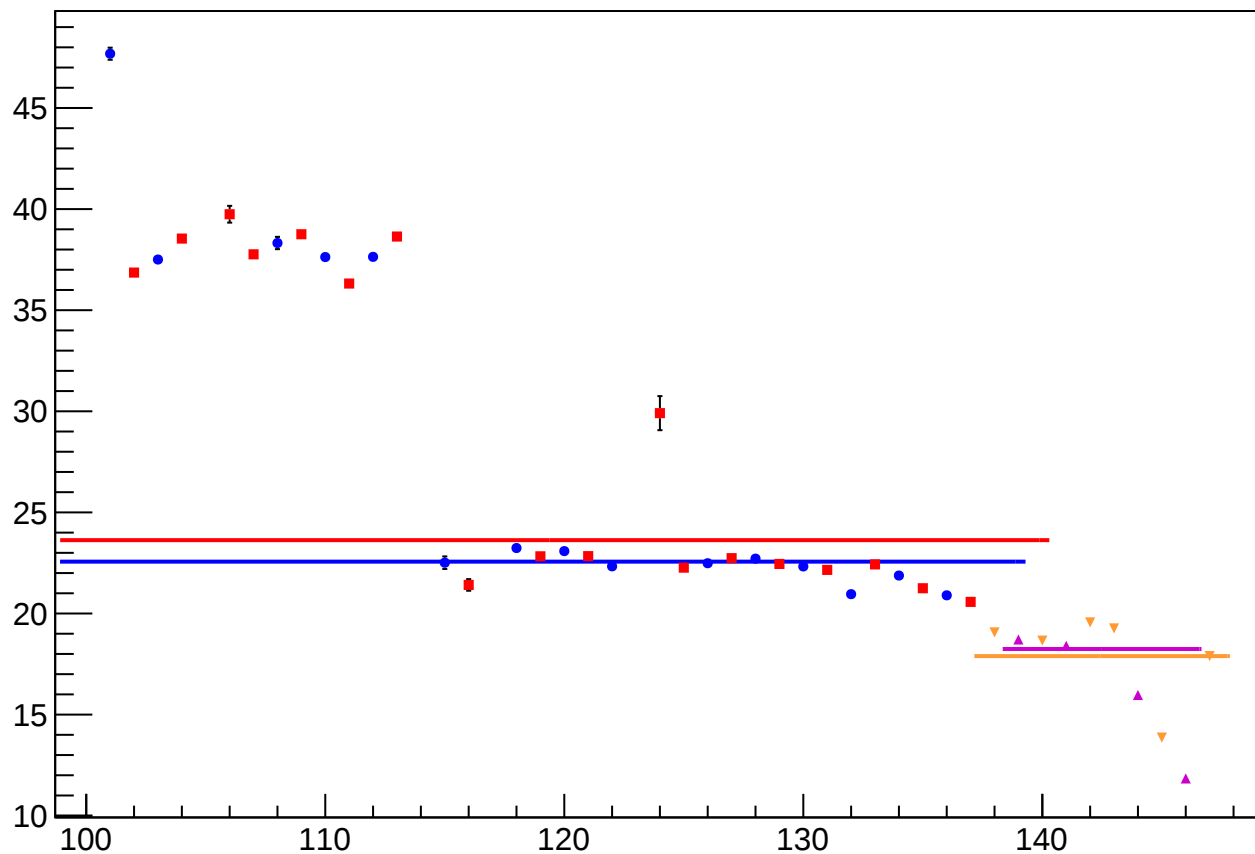
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.454 ± 0.002 $\chi^2/\text{NDF}: 5870.7/18$

Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 5881.7/23$

All: 0.490 ± 0.002 $\chi^2/\text{NDF}: 12168.3/42$

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: 18.245 $\pm$ 0.019 χ^2 /NDF:4025.1/3

Left: 17.987 $\pm$ 0.010 χ^2 /NDF: 39665.1/9

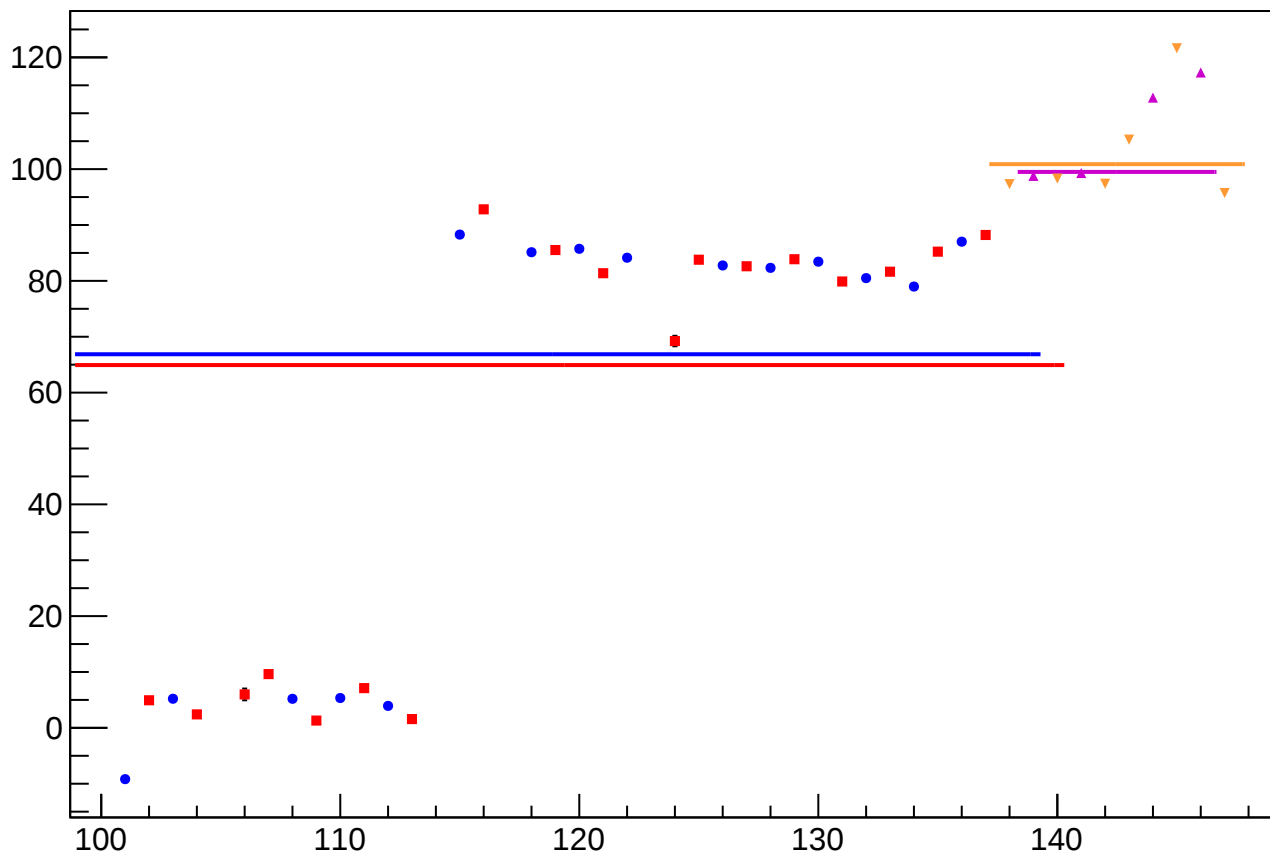
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.569 $\pm$ 0.009 χ^2 /NDF:138448.4/18

Out: 20.776 $\pm$ 0.008 χ^2 /NDF:288415.7/23

All: 21.127 $\pm$ 0.006 χ^2 /NDF: 431267.0/42

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: 99.499+/-0.032 χ^2/NDF : 4218.3/3

Left: 100.313+/-0.021 χ^2/NDF : 62610.0/9

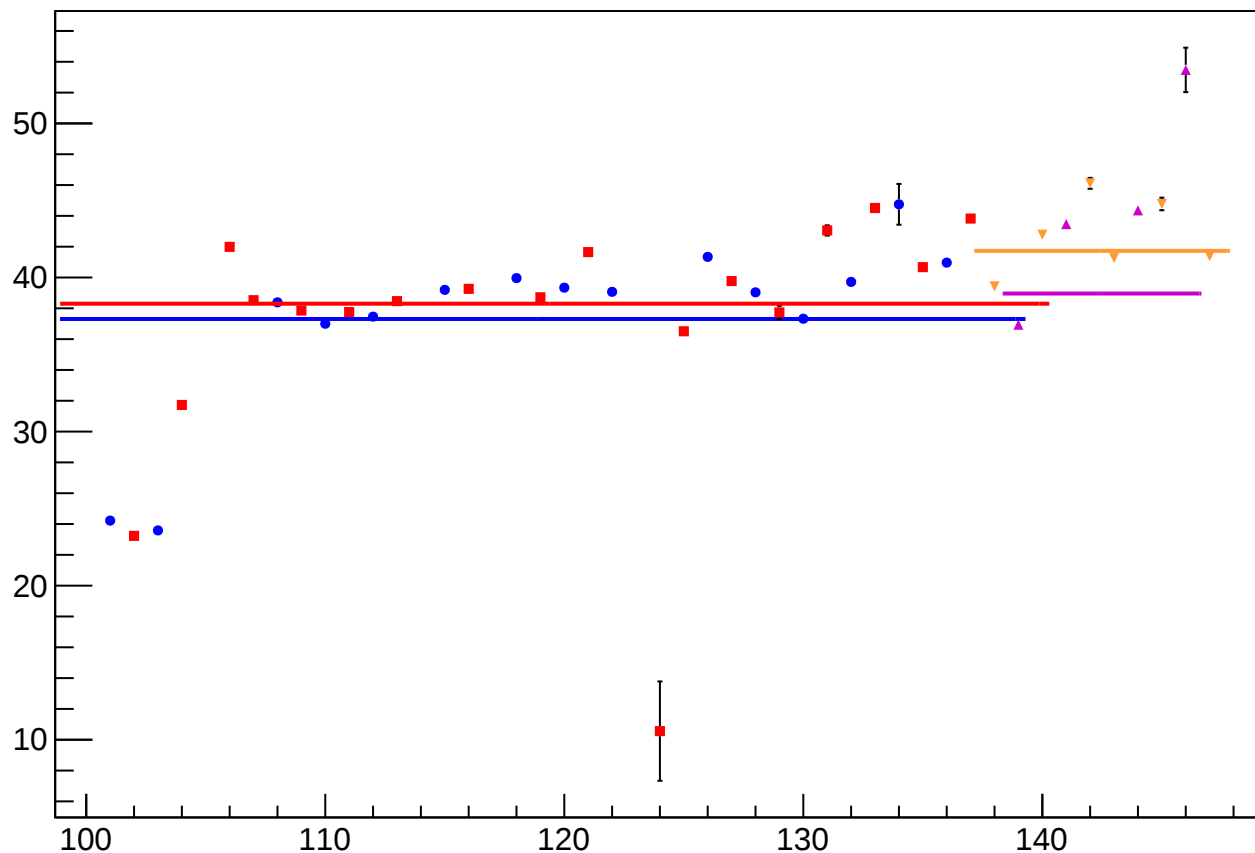
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.268+/-0.021 χ^2/NDF : 2095685.4/18

Out: 84.483+/-0.020 χ^2/NDF : 2187537.4/23

All: 82.447+/-0.014 χ^2/NDF : 4304507.8/42

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: 38.960 ± 0.058 $\chi^2/\text{NDF}: 3001.6/3$

Left: 40.150 ± 0.044 $\chi^2/\text{NDF}: 4355.4/9$

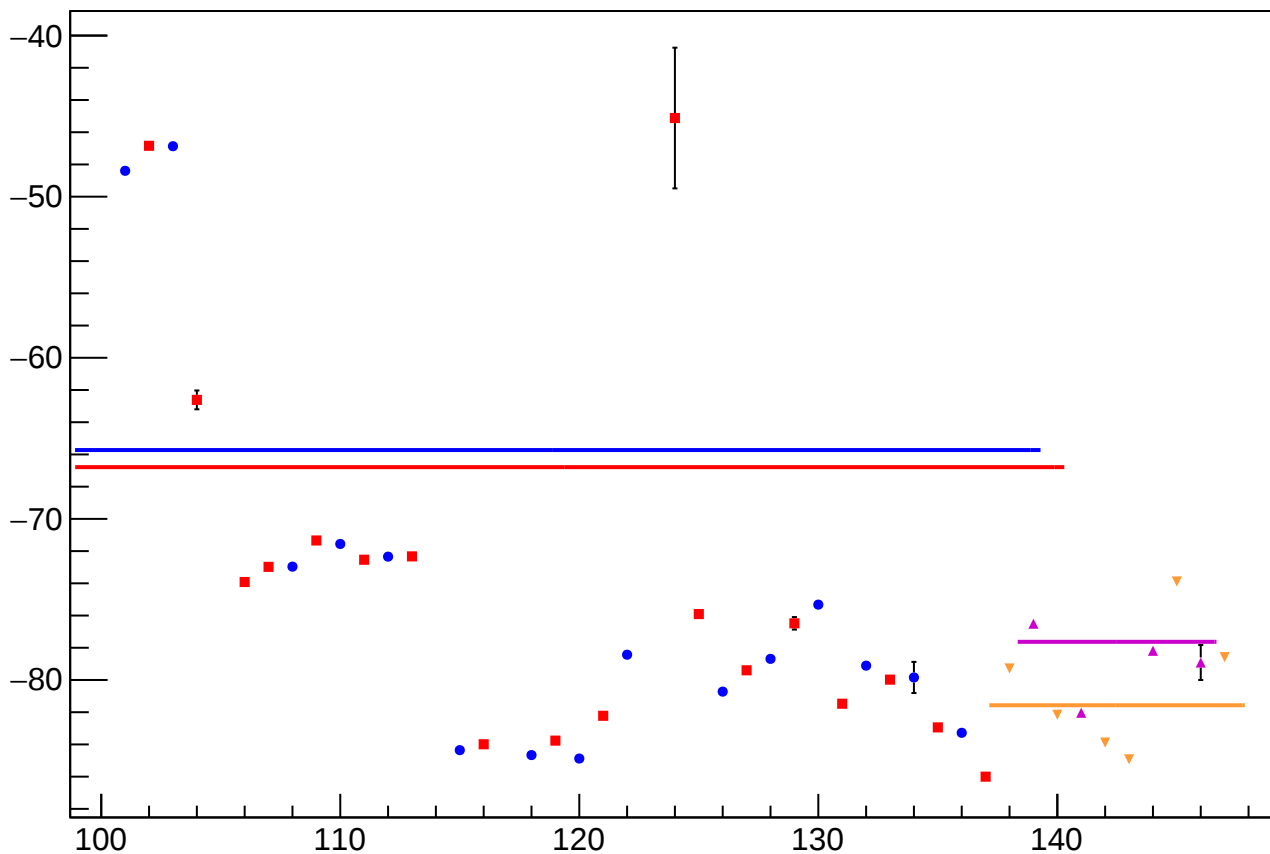
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.533 ± 0.021 $\chi^2/\text{NDF}: 63280.9/18$

Out: 38.595 ± 0.020 $\chi^2/\text{NDF}: 21619.7/23$

All: 38.111 ± 0.014 $\chi^2/\text{NDF}: 86234.5/42$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -81.568 $\pm$ 0.056 χ^2 /NDF:3003.8/5

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -77.631 $\pm$ 0.046 χ^2 /NDF:2044.3/3

Left: -79.210 $\pm$ 0.035 χ^2 /NDF: 8005.9/9

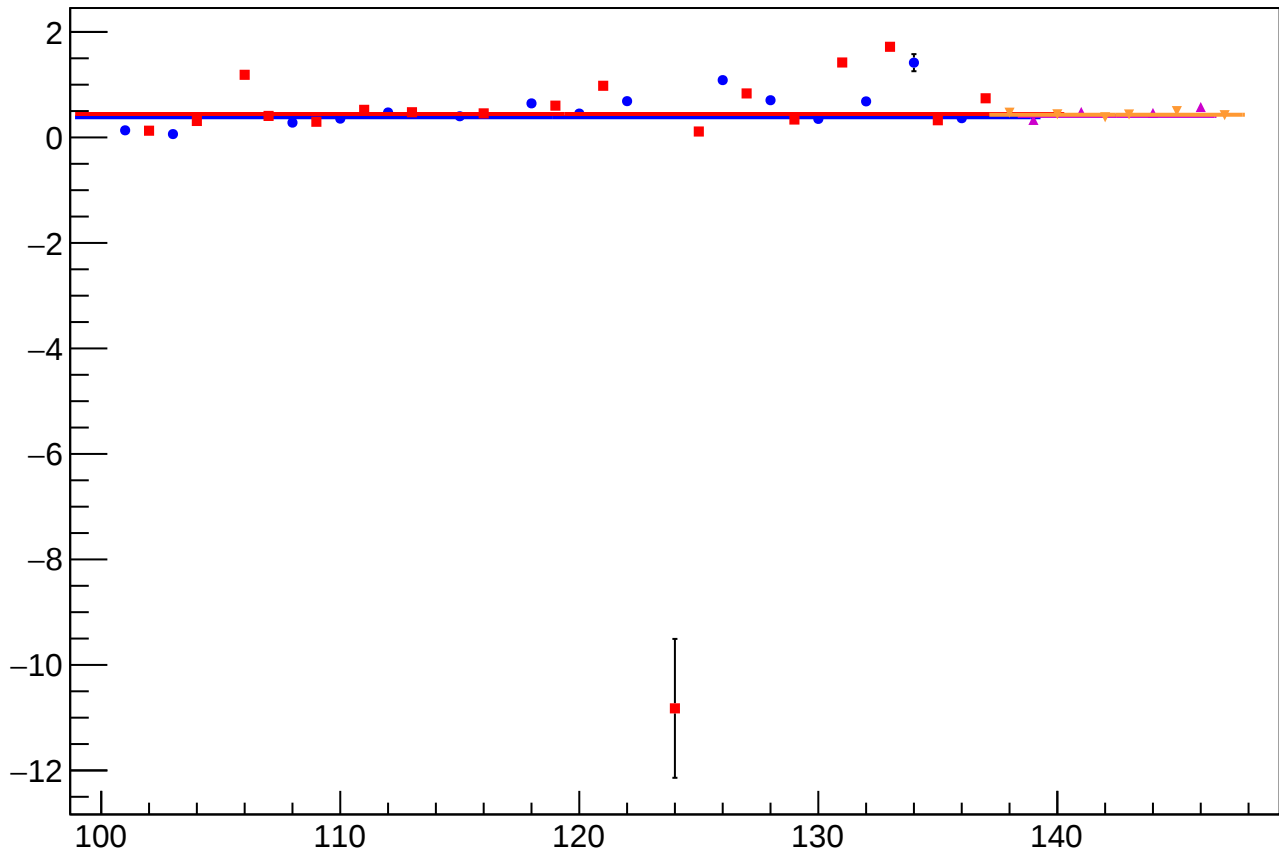
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -67.144 $\pm$ 0.016 χ^2 /NDF:964483.0/18

Out: -67.878 $\pm$ 0.015 χ^2 /NDF:876812.9/23

All: -67.525 $\pm$ 0.011 χ^2 /NDF: 1842413.7/42

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.430 ± 0.001 $\chi^2/\text{NDF}: 114.1/5$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.408 ± 0.002 $\chi^2/\text{NDF}: 1993.6/3$

Left: 0.422 ± 0.001 $\chi^2/\text{NDF}: 2218.3/9$

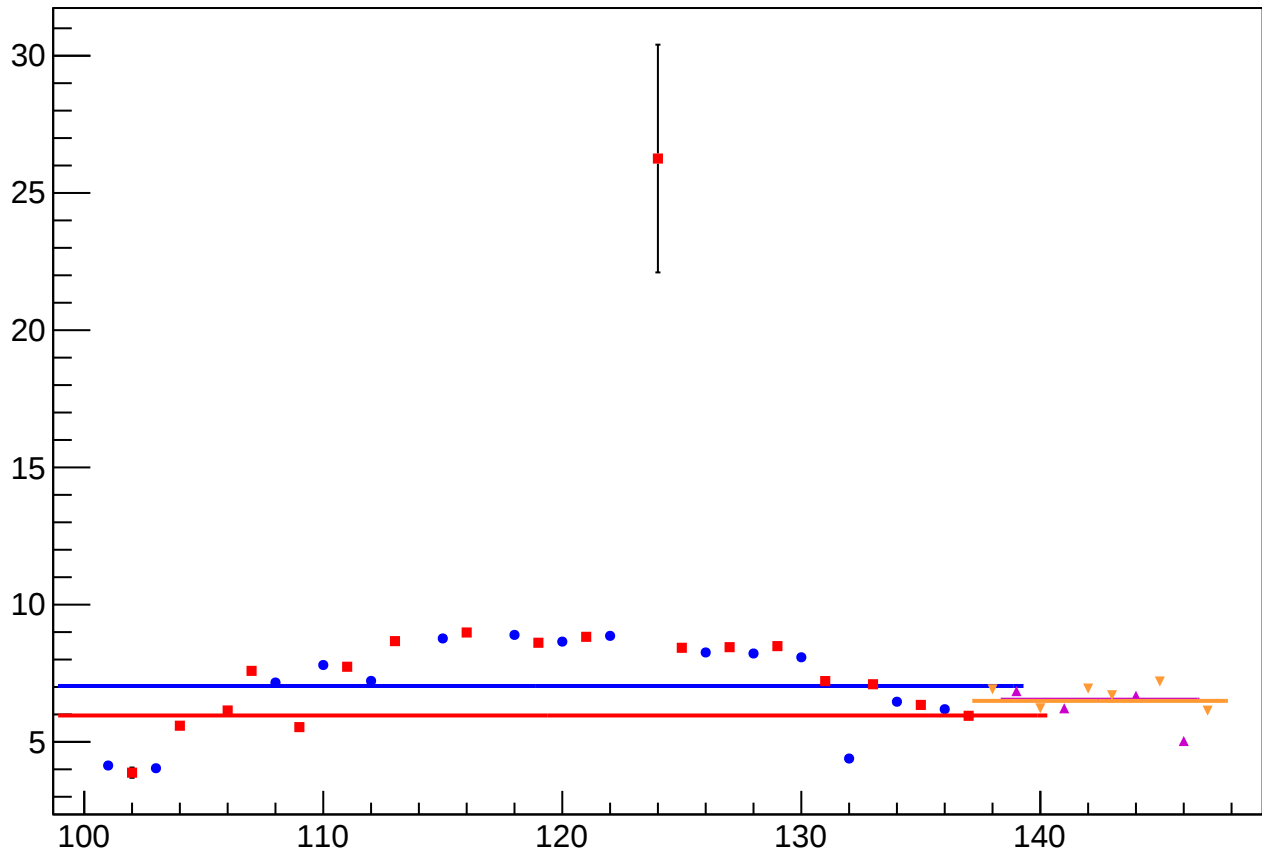
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 10268.8/18$

Out: 0.432 ± 0.001 $\chi^2/\text{NDF}: 2913.3/23$

All: 0.414 ± 0.001 $\chi^2/\text{NDF}: 13580.9/42$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$

Left Out: 6.494 ± 0.004 $\chi^2/\text{NDF}: 8520.1/5$

Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$

Left In: 6.537 ± 0.005 $\chi^2/\text{NDF}: 3460.9/3$

Left: 6.509 ± 0.003 $\chi^2/\text{NDF}: 12030.5/9$

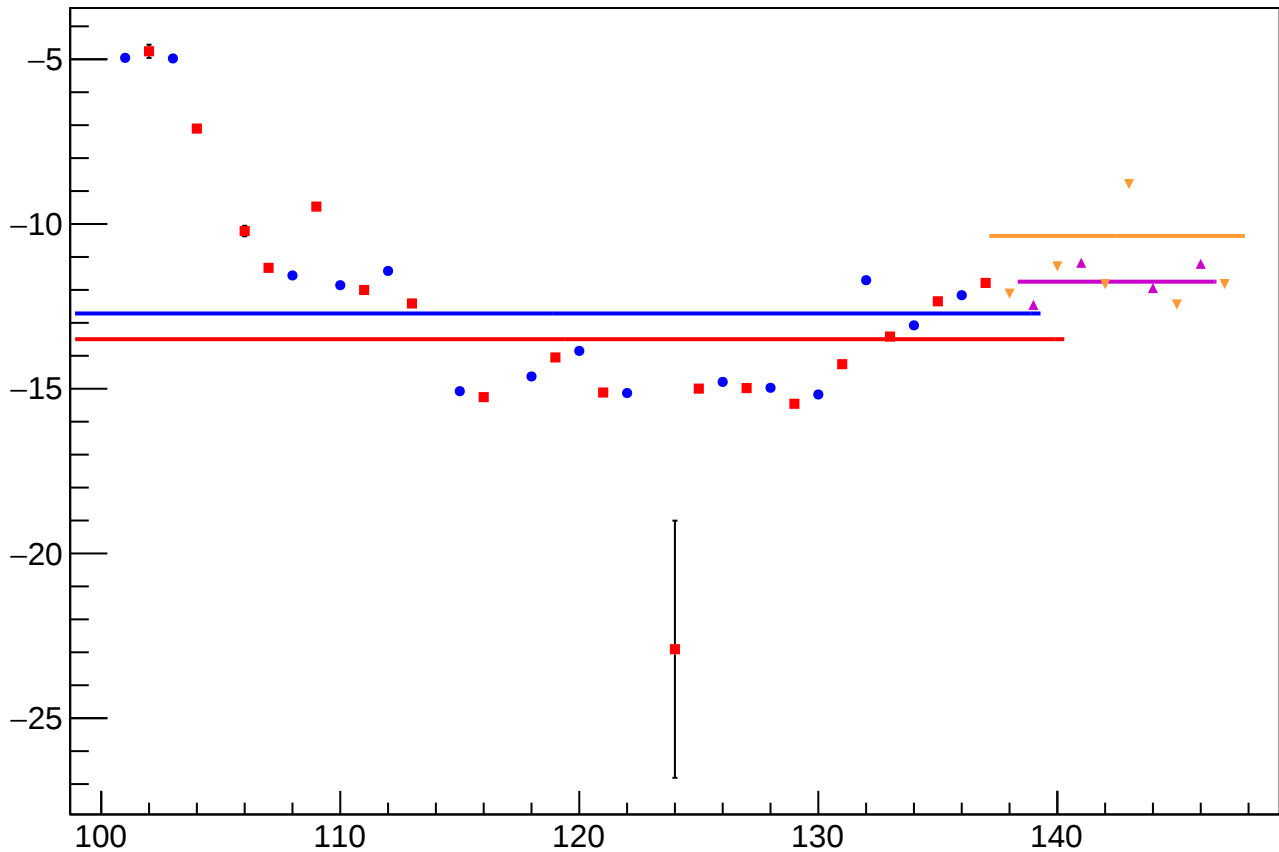
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$

In: 6.806 ± 0.003 $\chi^2/\text{NDF}: 78979.1/18$

Out: 5.968 ± 0.000 $\chi^2/\text{NDF}: 197885.4/23$

All: 5.981 ± 0.000 $\chi^2/\text{NDF}: 339578.1/42$

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: -11.751 $\pm$ 0.009 χ^2 /NDF:3520.7/3

Left: -10.638 $\pm$ 0.004 χ^2 /NDF: 149820.1/9

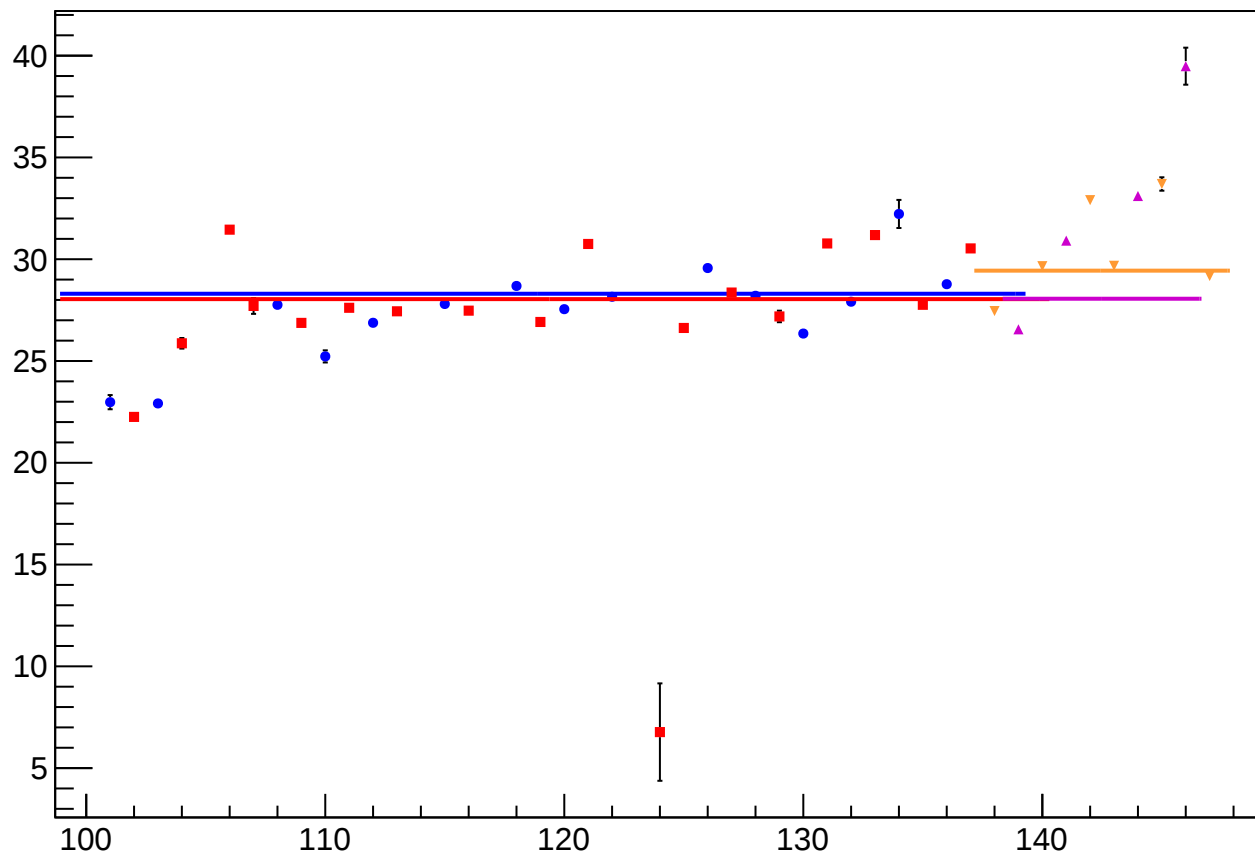
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.377 $\pm$ 0.005 χ^2 /NDF:96765.9/18

Out: -11.480 $\pm$ 0.003 χ^2 /NDF:368639.3/23

All: -11.761 $\pm$ 0.003 χ^2 /NDF: 486310.3/42

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: 28.059 $\pm$ 0.045 χ^2 /NDF: 2836.4/3

Left: 28.764 $\pm$ 0.031 χ^2 /NDF: 4091.1/9

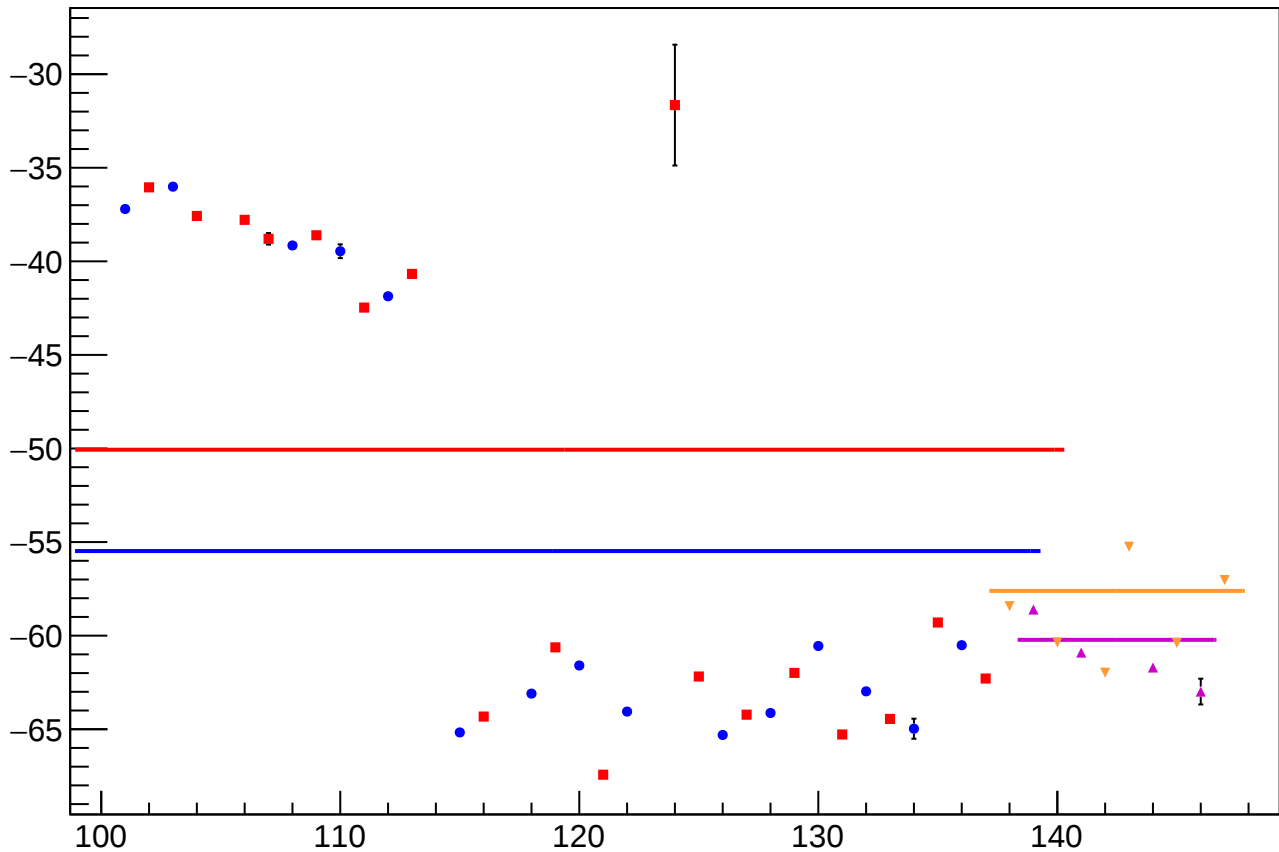
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.253 $\pm$ 0.021 χ^2 /NDF: 6260.2/18

Out: 28.493 $\pm$ 0.025 χ^2 /NDF: 4020.8/23

All: 28.350 $\pm$ 0.016 χ^2 /NDF: 10336.5/42

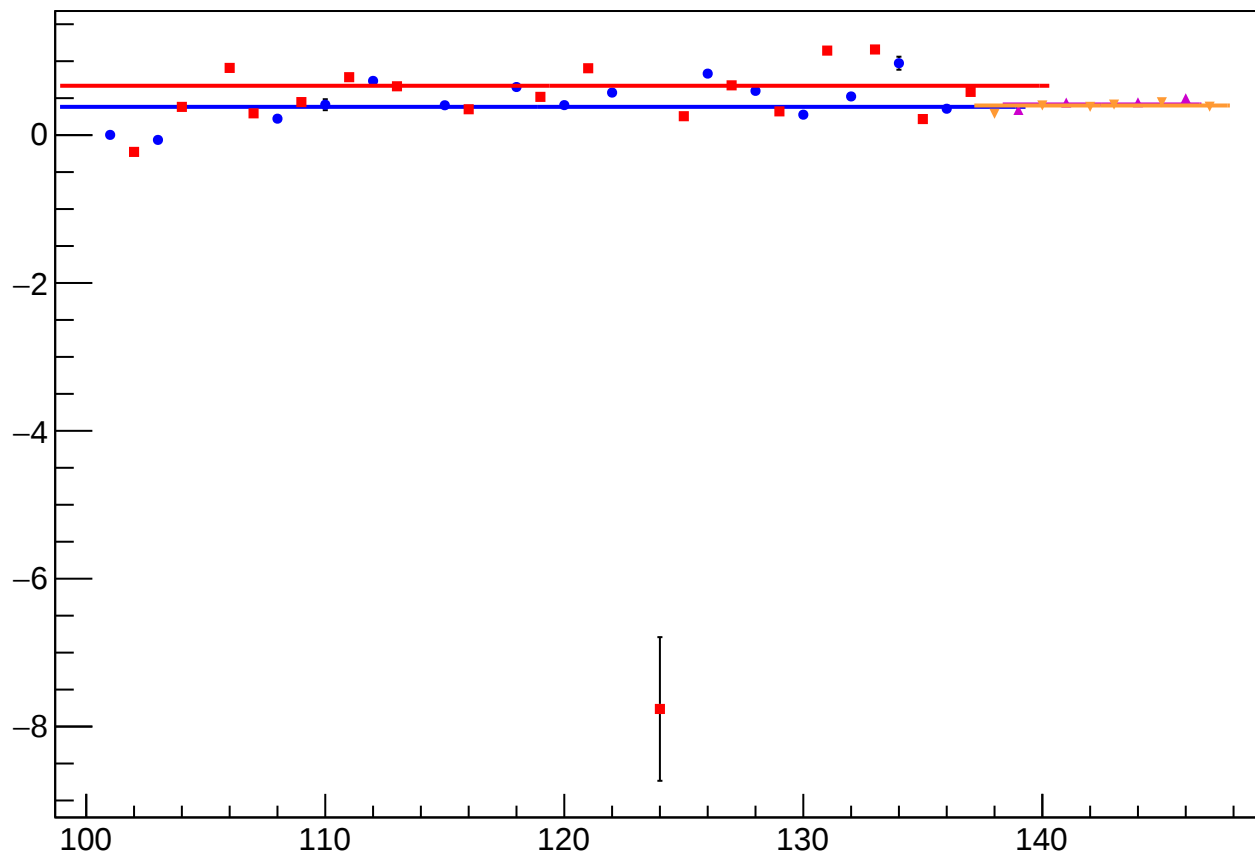
dit_sam8_4eX_slope vs Slug, Sign Corrected



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: -60.223 ± 0.053 $\chi^2/\text{NDF}: 560.6/3$

Left: -58.516 ± 0.031 $\chi^2/\text{NDF}: 5301.3/9$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -55.907 ± 0.016 $\chi^2/\text{NDF}: 603078.5/18$
 Out: -52.072 ± 0.020 $\chi^2/\text{NDF}: 371540.6/23$
 All: -54.416 ± 0.012 $\chi^2/\text{NDF}: 997512.4/42$

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: 0.415 ± 0.001 $\chi^2/\text{NDF}: 986.0/3$

Left: 0.405 ± 0.001 $\chi^2/\text{NDF}: 1412.7/9$

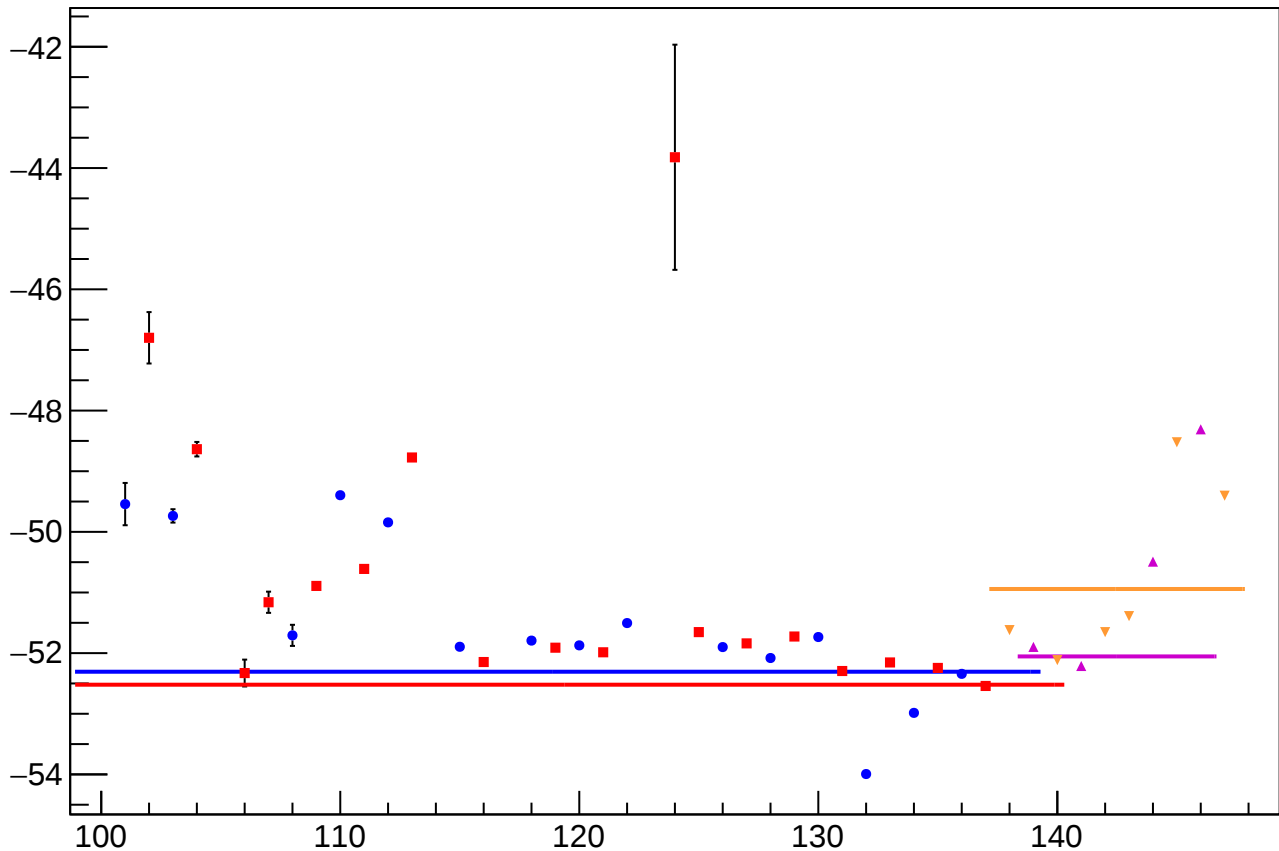
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.400 ± 0.001 $\chi^2/\text{NDF}: 5811.0/18$

Out: 0.413 ± 0.001 $\chi^2/\text{NDF}: 7265.7/23$

All: 0.407 ± 0.001 $\chi^2/\text{NDF}: 13153.9/42$

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: -52.054 $\pm$ 0.005 χ^2 /NDF:10143.4/3

Left: -51.360 $\pm$ 0.003 χ^2 /NDF: 102849.9/9

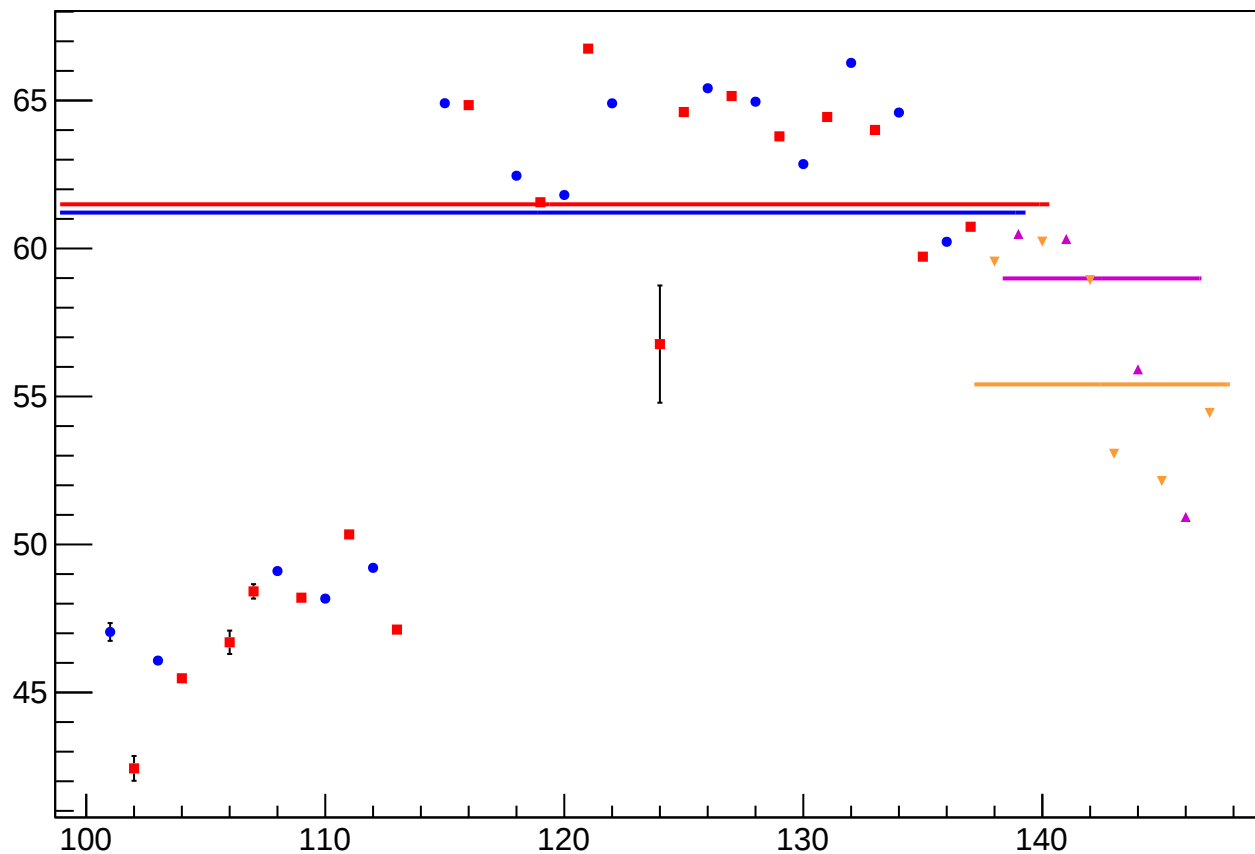
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -52.214 $\pm$ 0.003 χ^2 /NDF:37129.4/18

Out: -52.406 $\pm$ 0.001 χ^2 /NDF:226730.9/23

All: -52.385 $\pm$ 0.001 χ^2 /NDF: 267330.9/42

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: 58.989 $\pm$ 0.022 χ^2/NDF : 17885.8/3

Left: 55.756 $\pm$ 0.007 χ^2/NDF : 230277.1/9

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 60.831 $\pm$ 0.009 χ^2/NDF : 183124.0/18

Out: 58.641 $\pm$ 0.005 χ^2/NDF : 816153.9/23

All: 59.138 $\pm$ 0.004 χ^2/NDF : 1044719.3/42

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

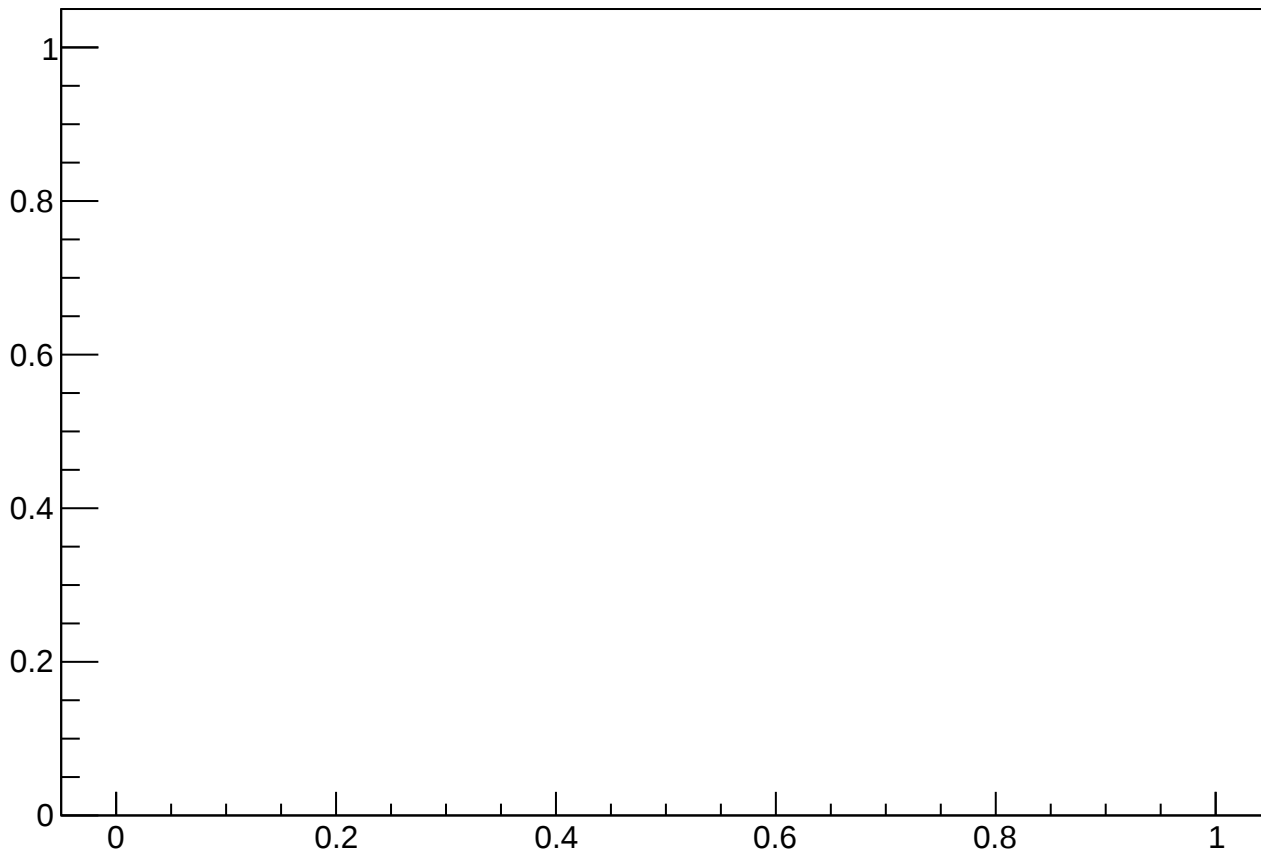
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

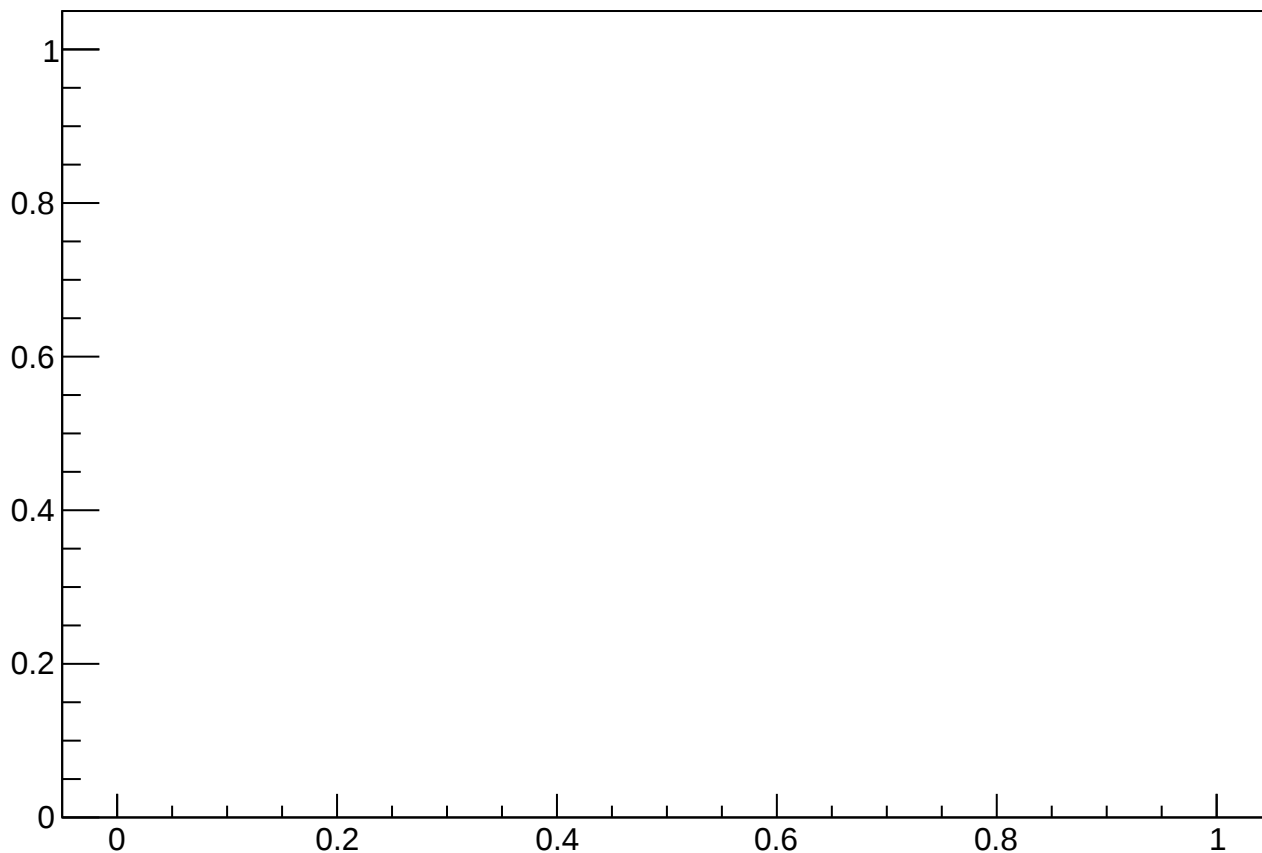
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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_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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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_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

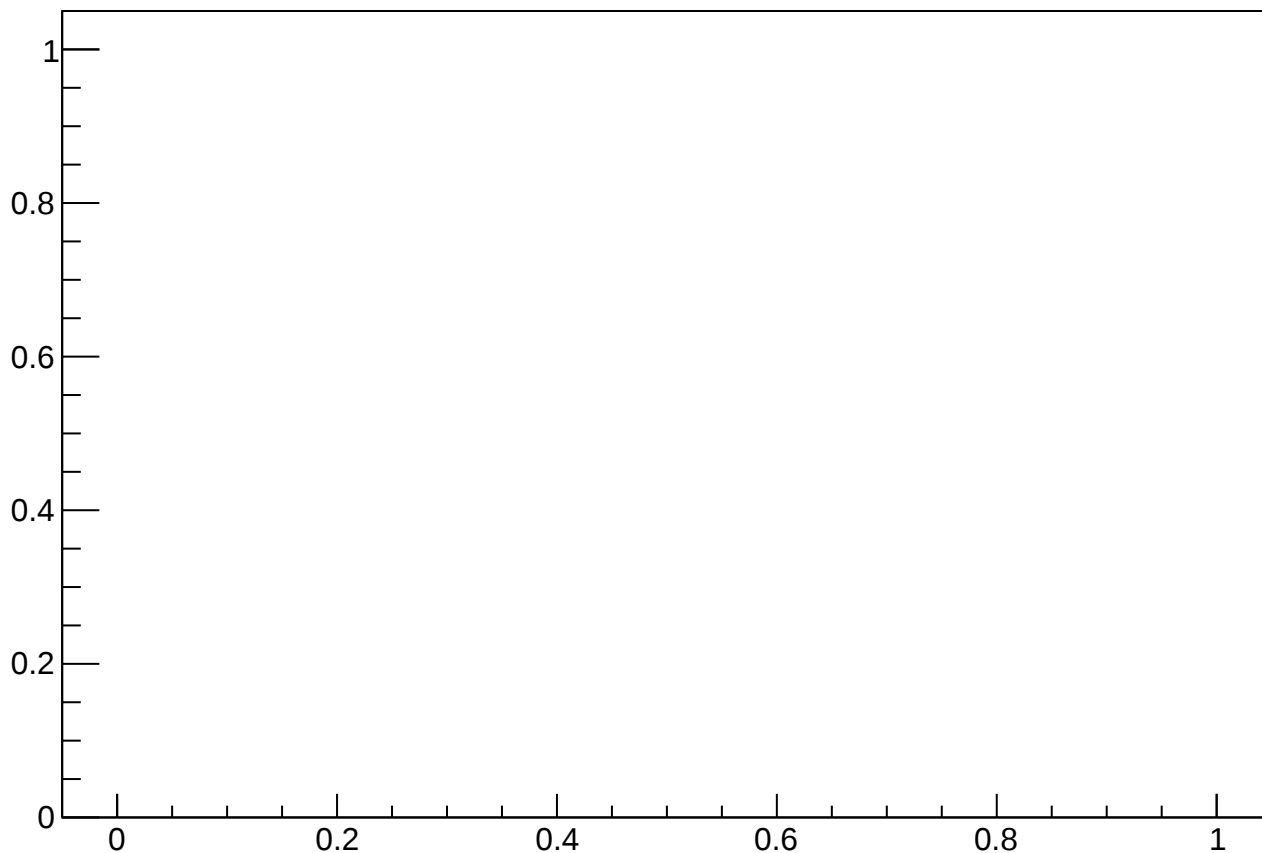
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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_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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

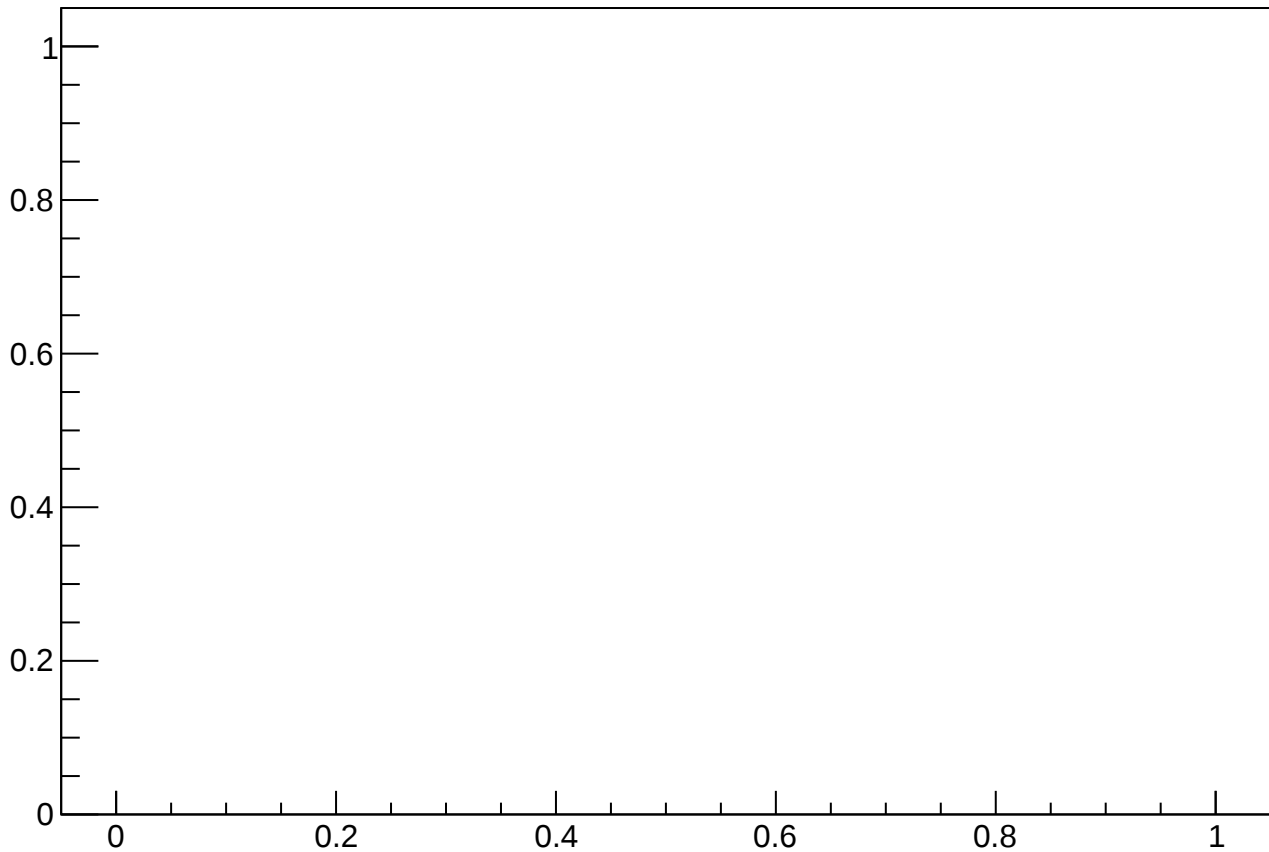
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

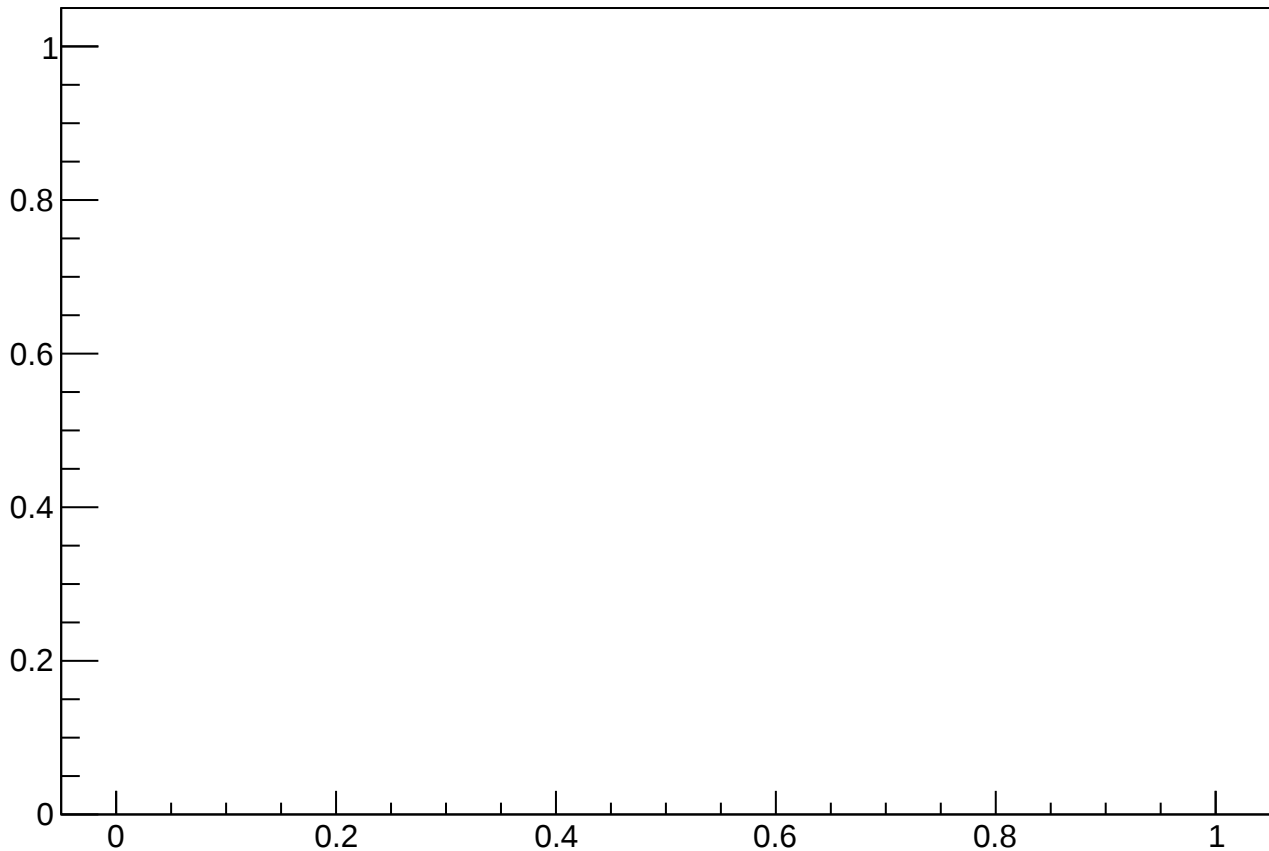
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

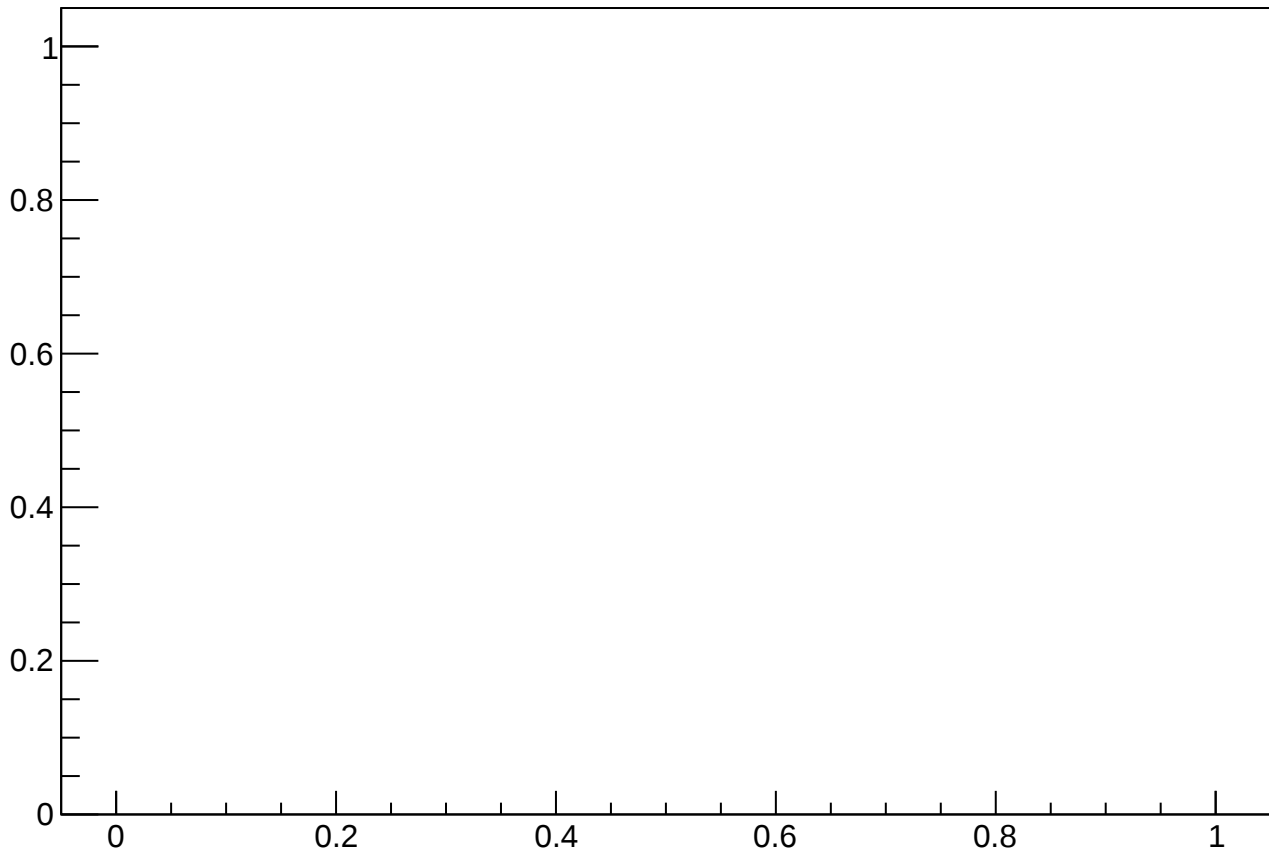
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

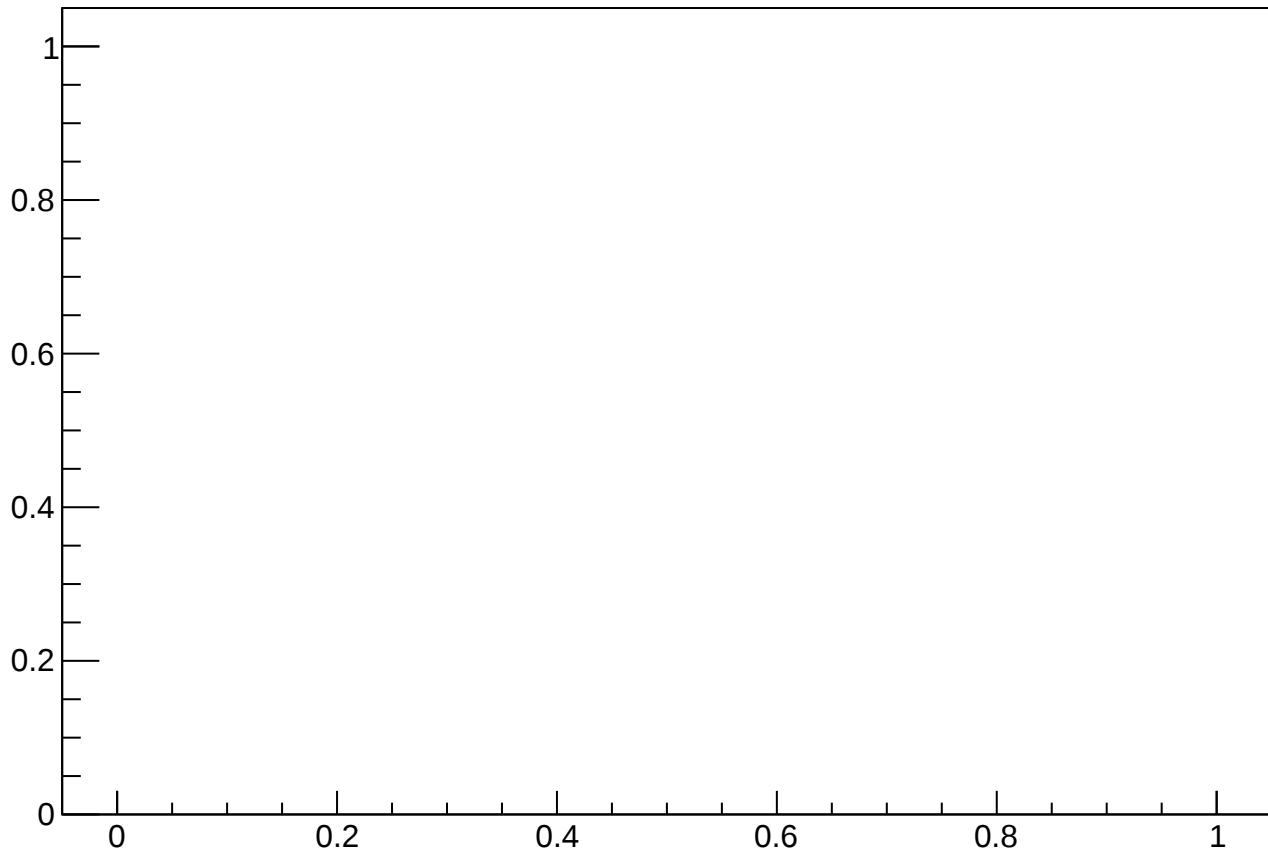
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

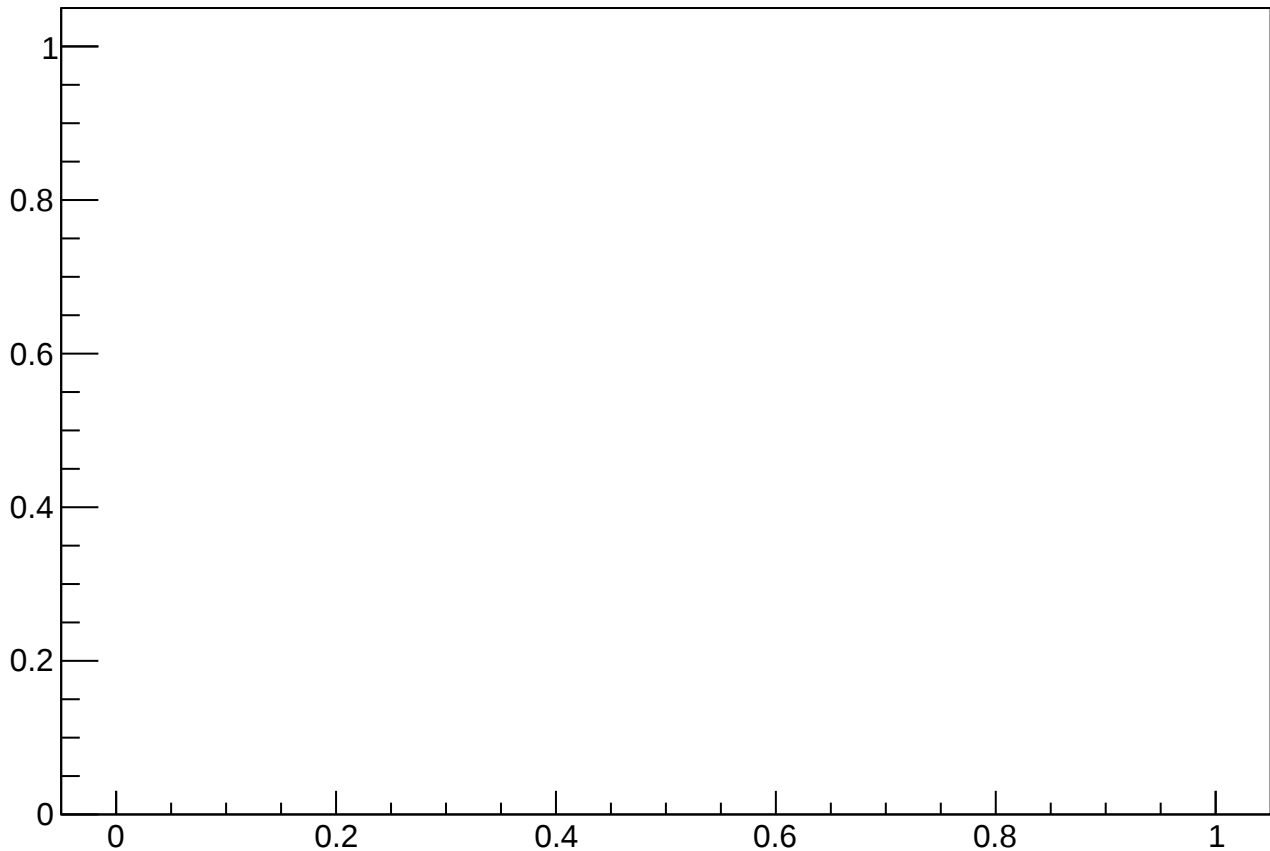
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

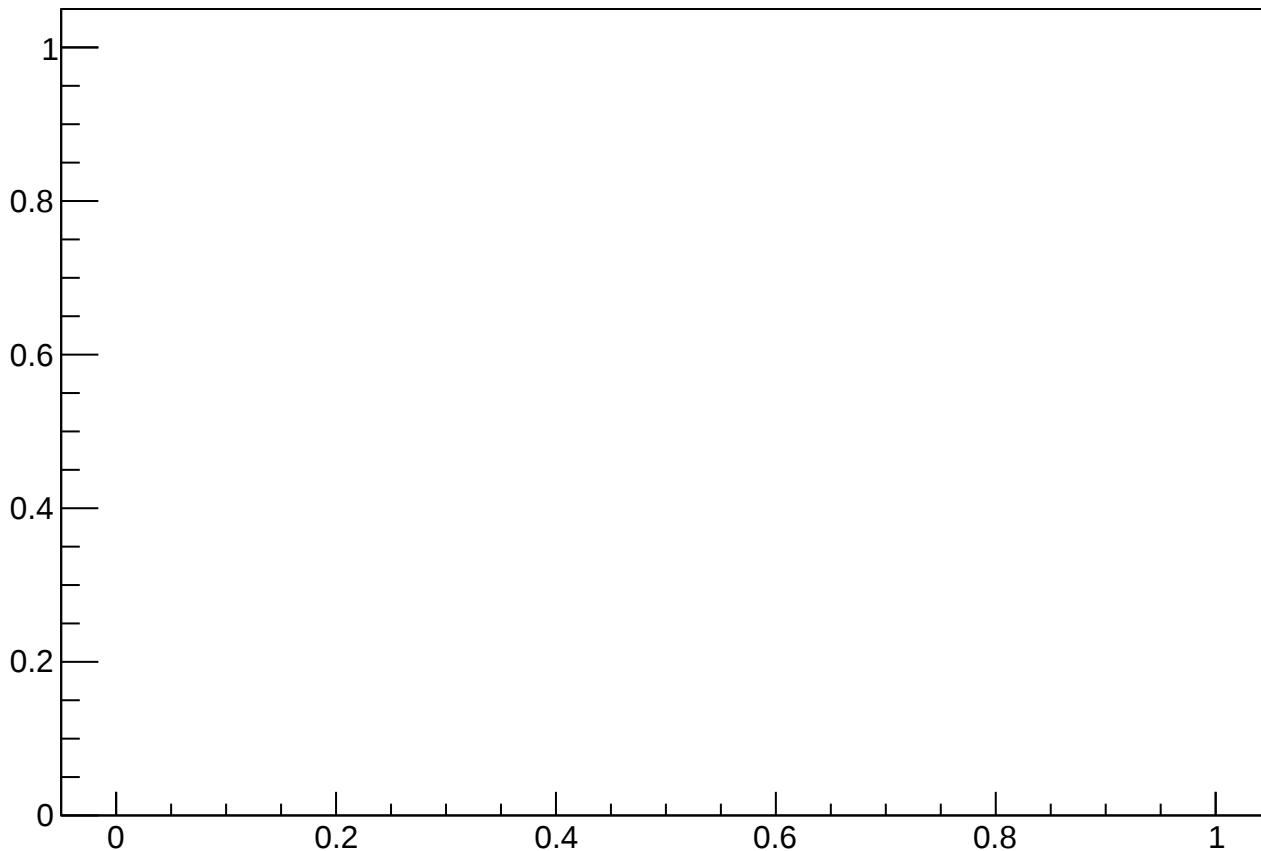
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

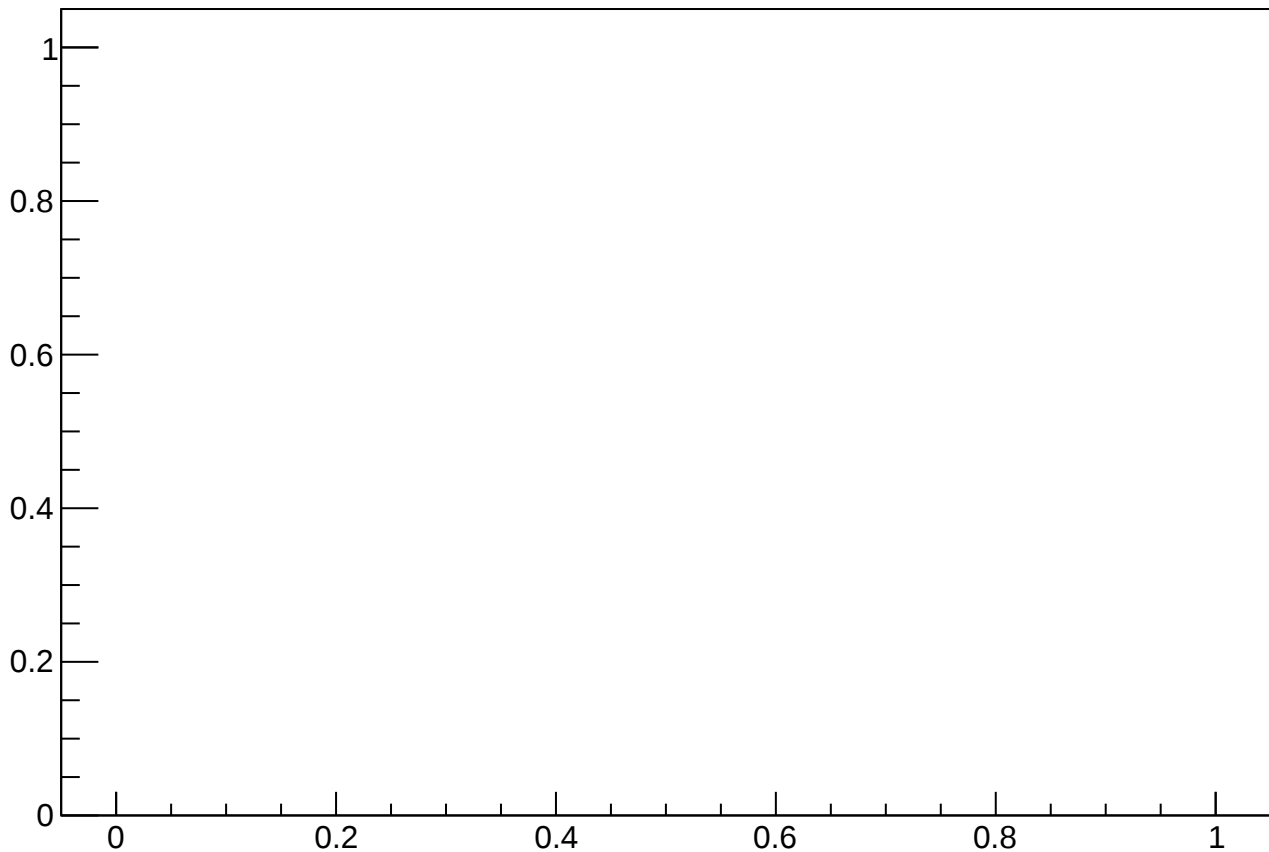
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

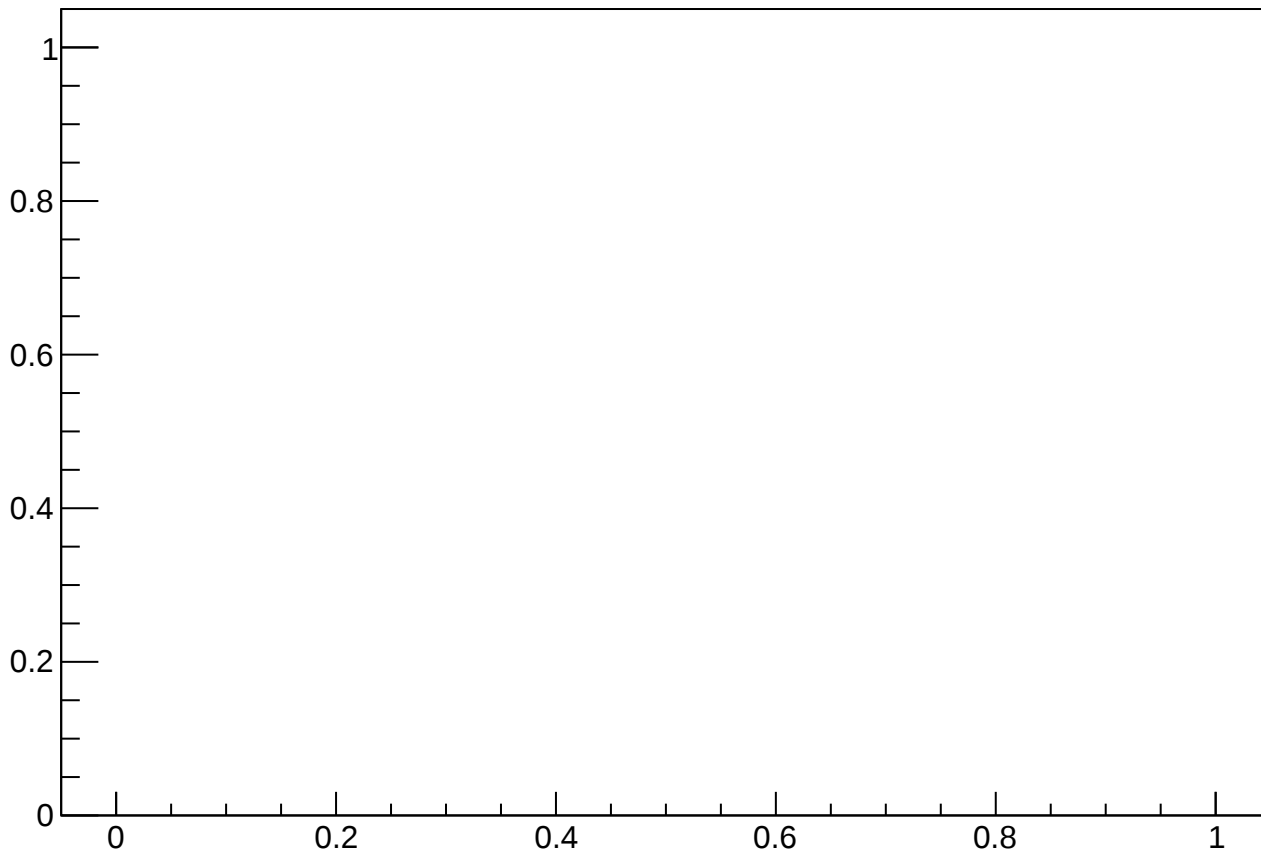
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

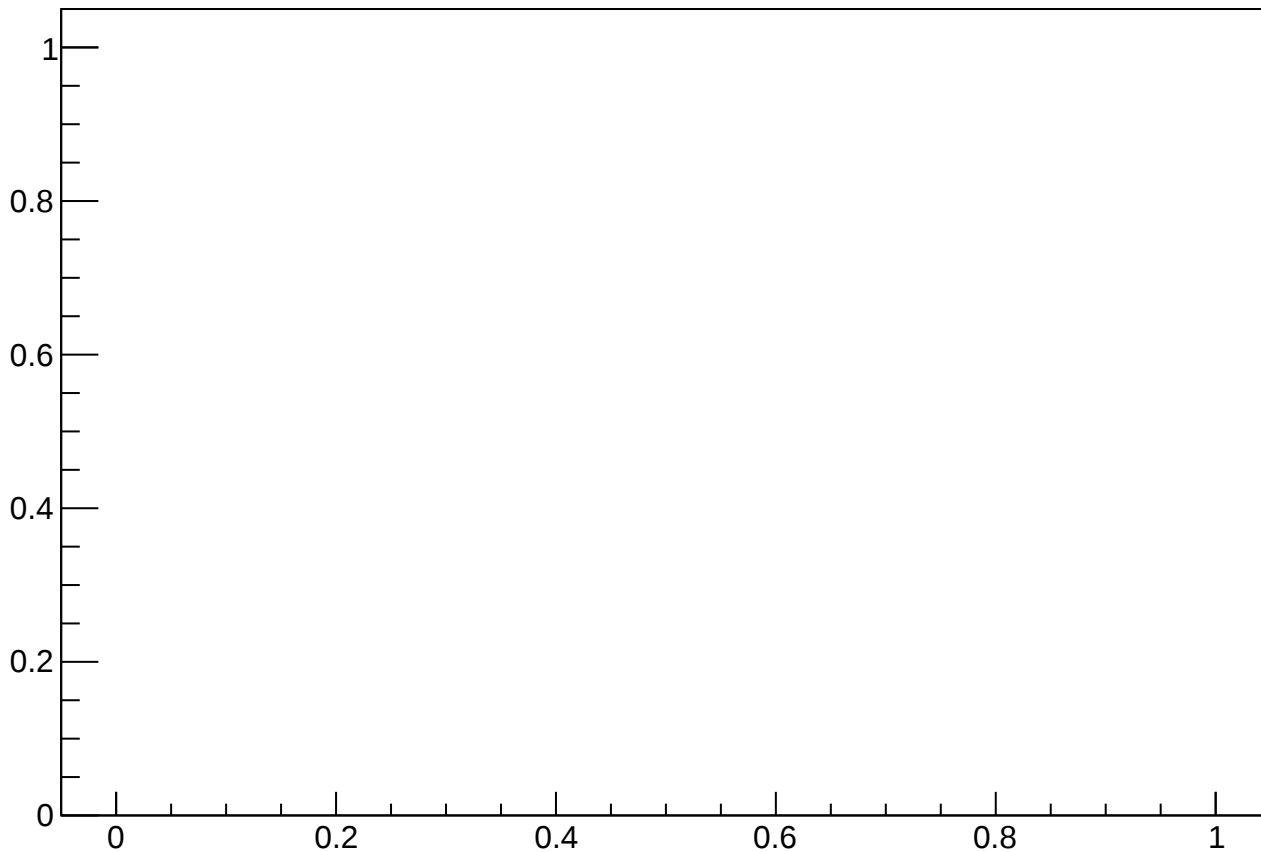
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

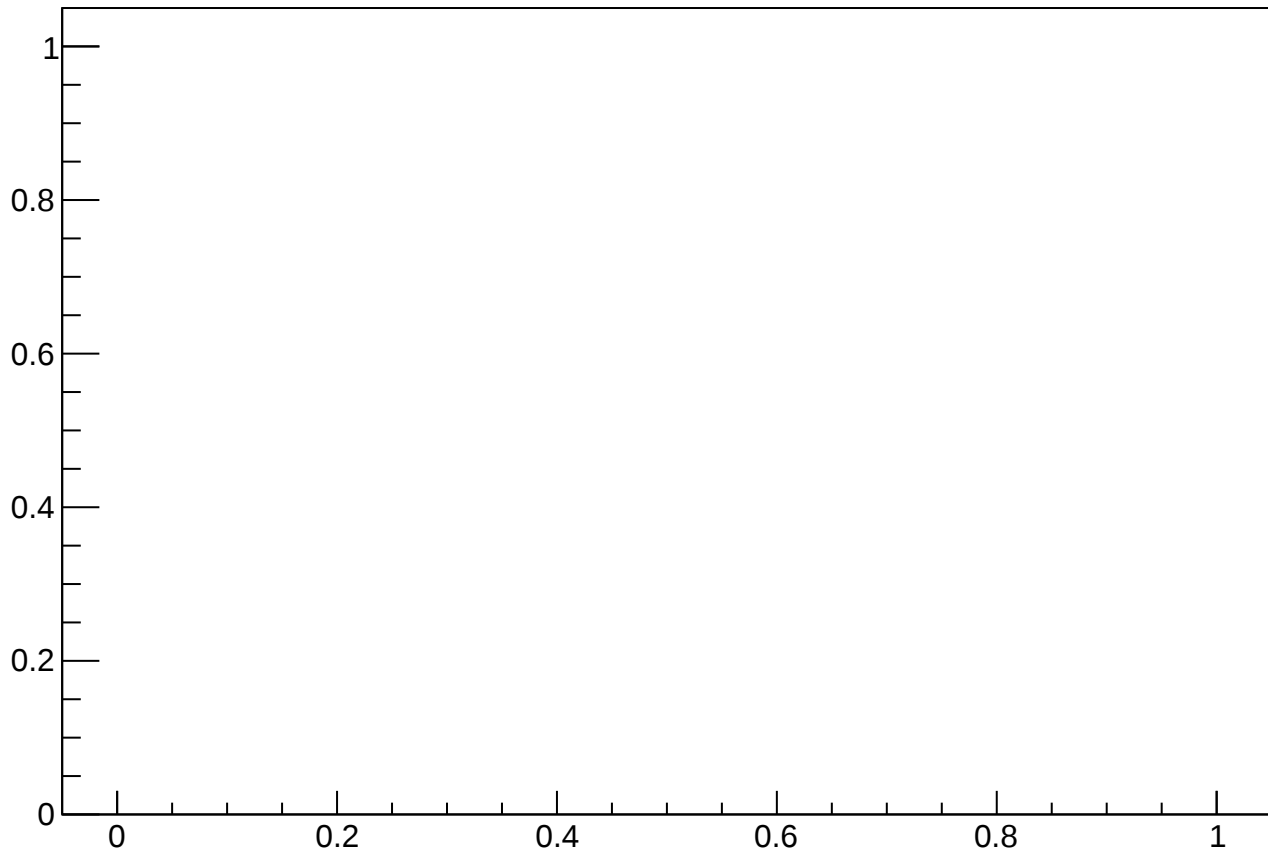
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

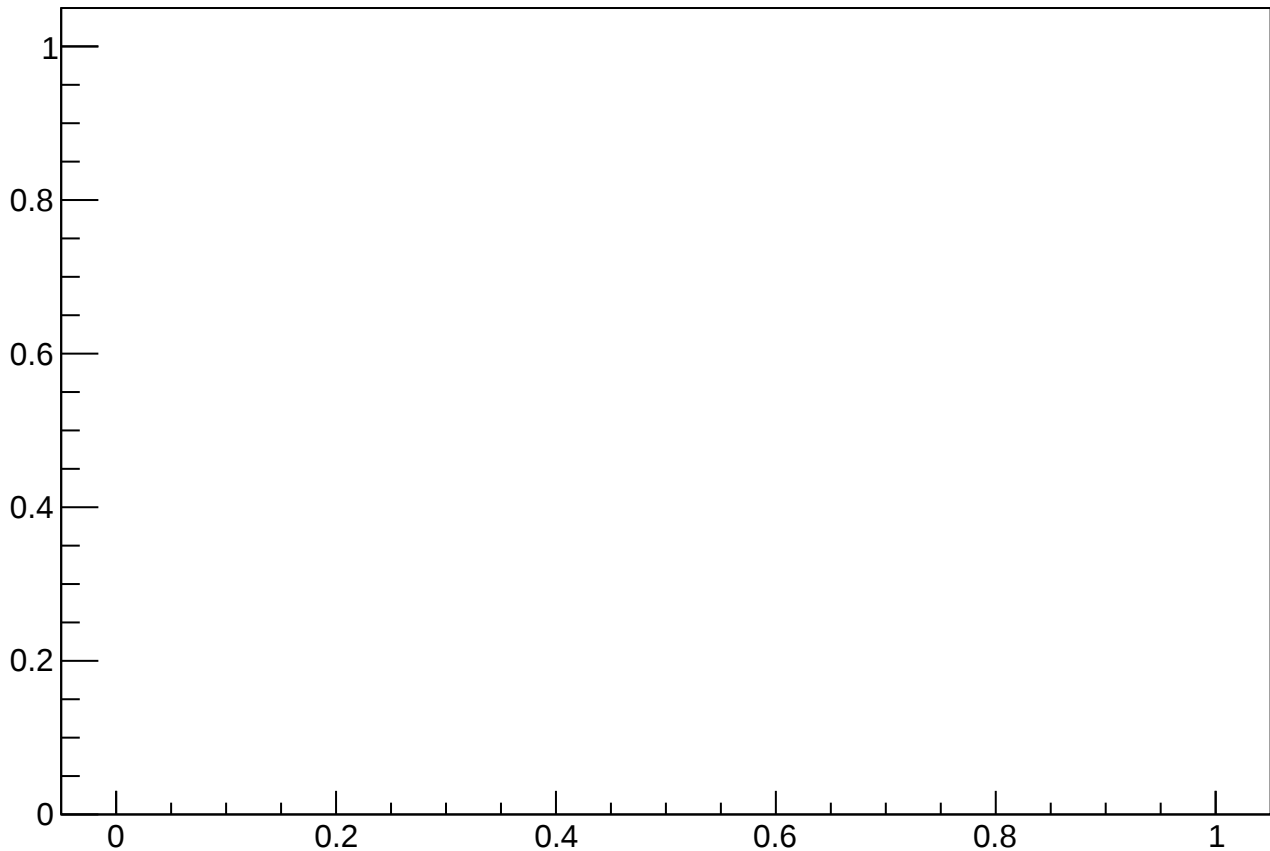
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

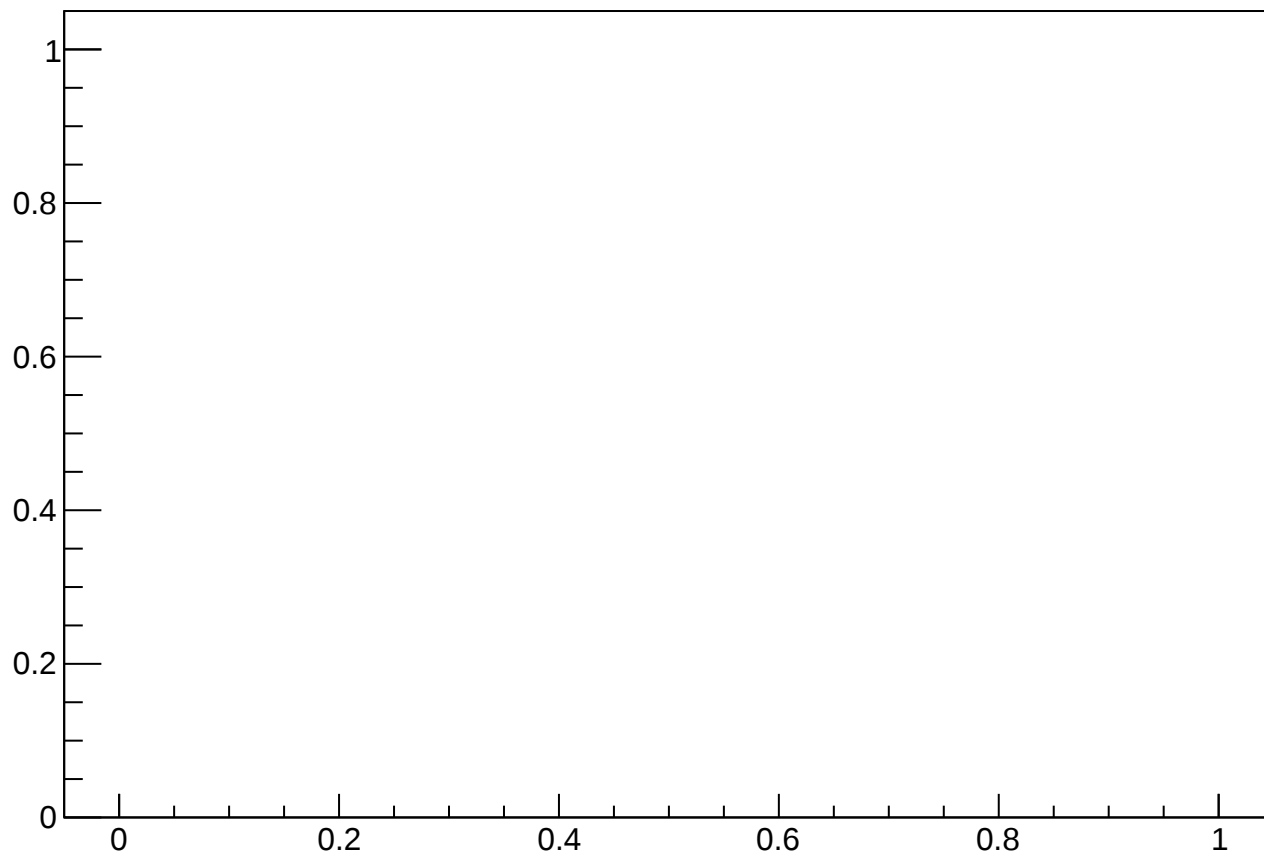
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

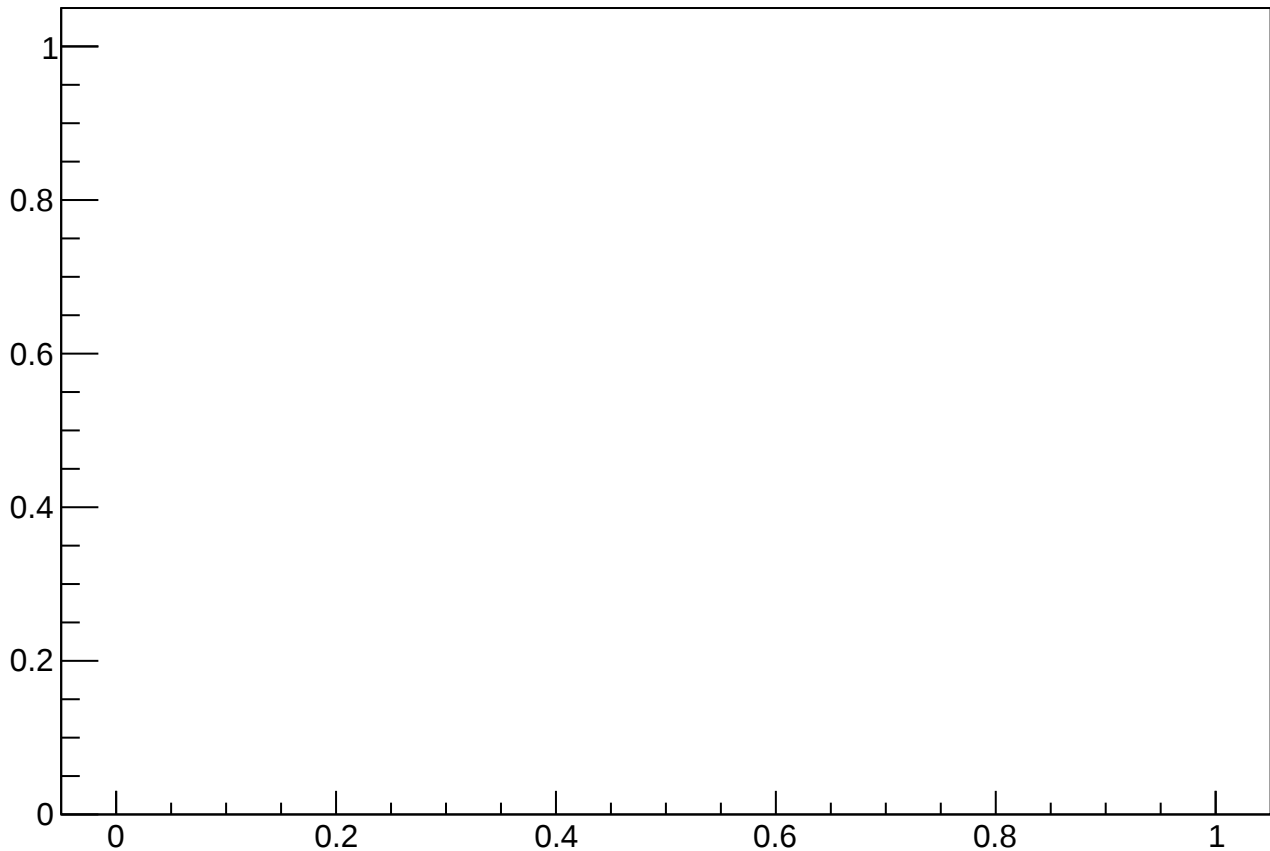
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

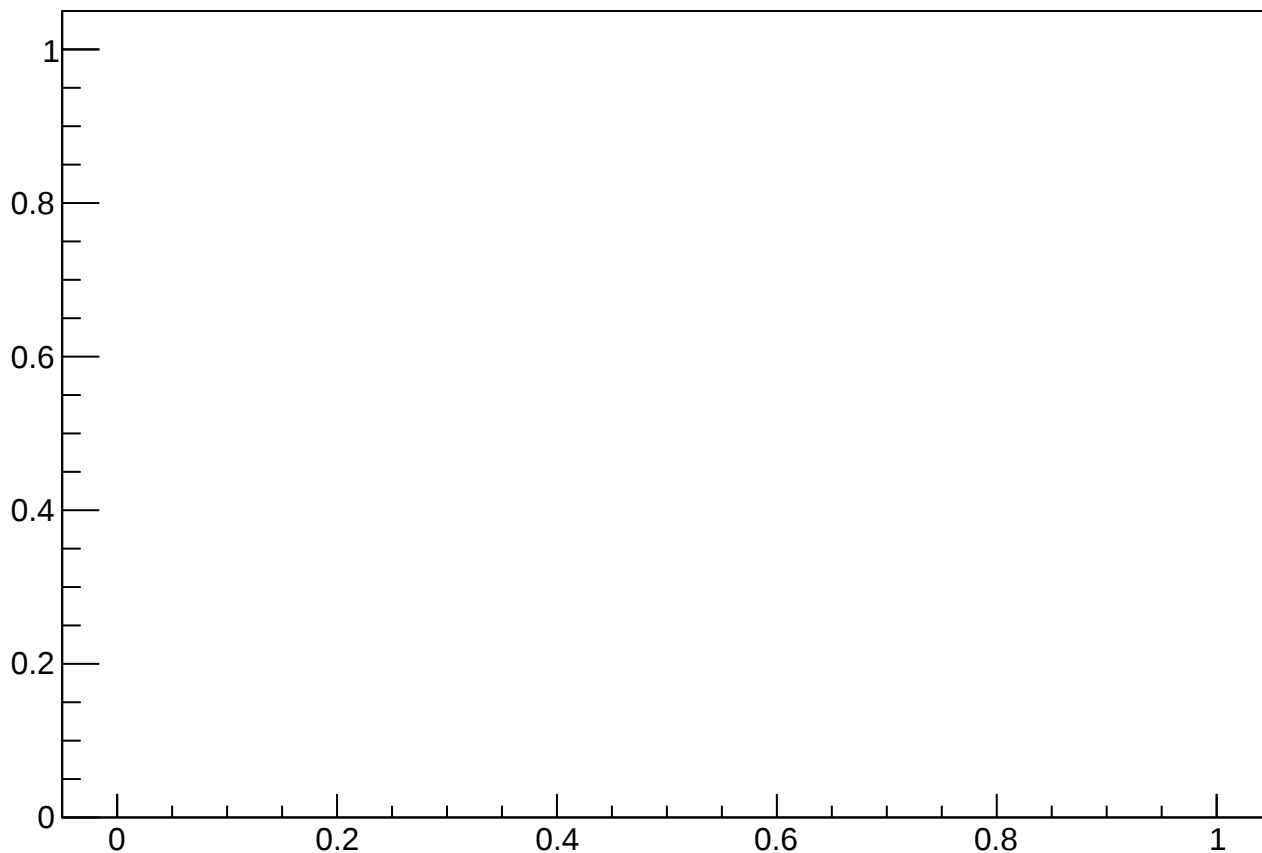
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

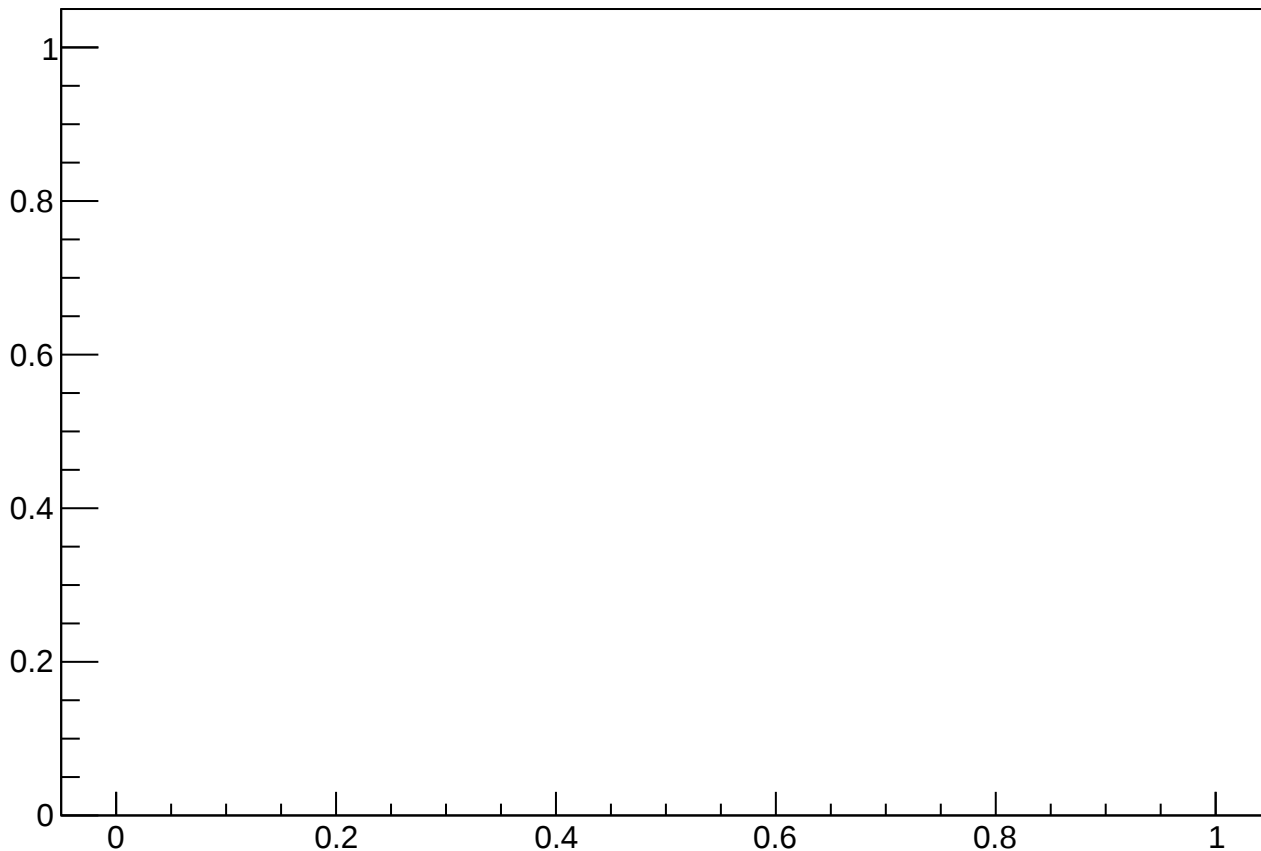
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

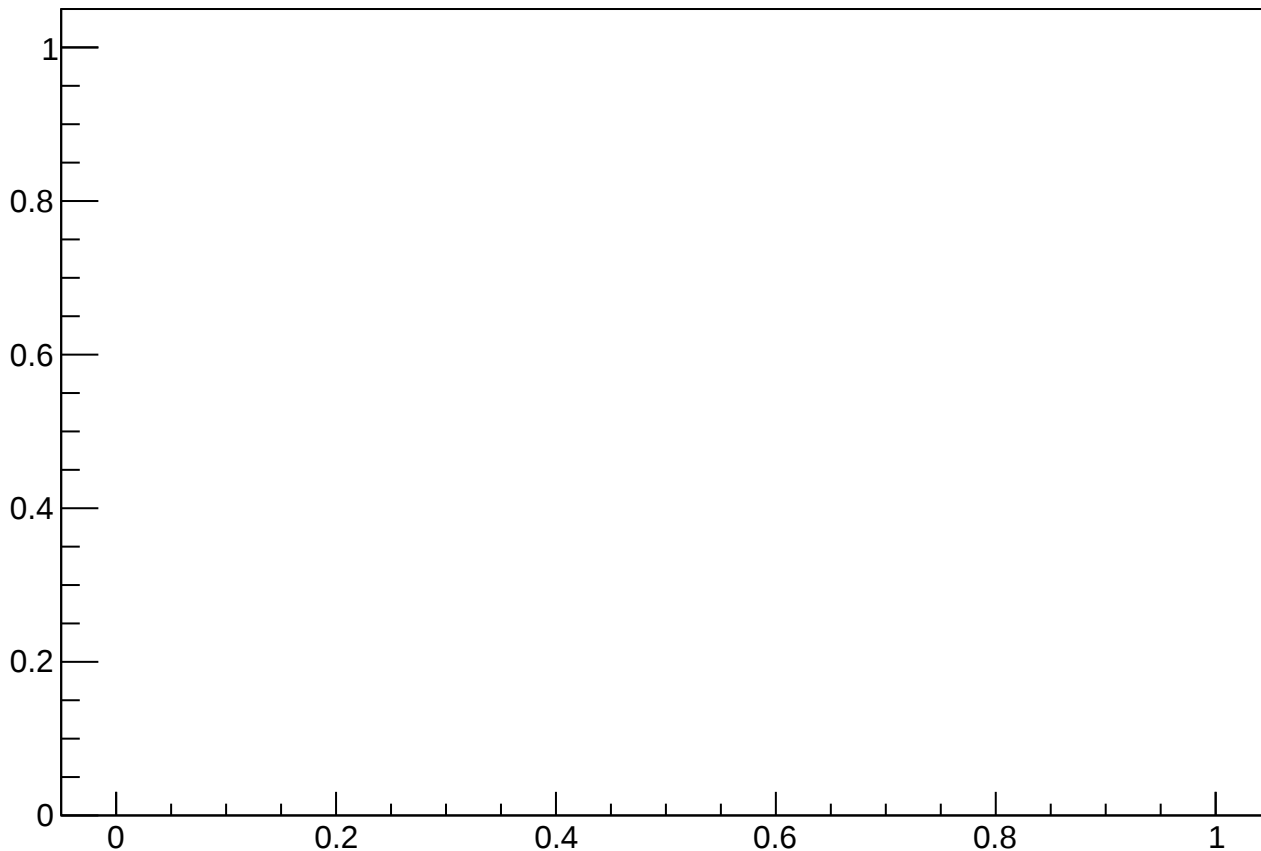
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

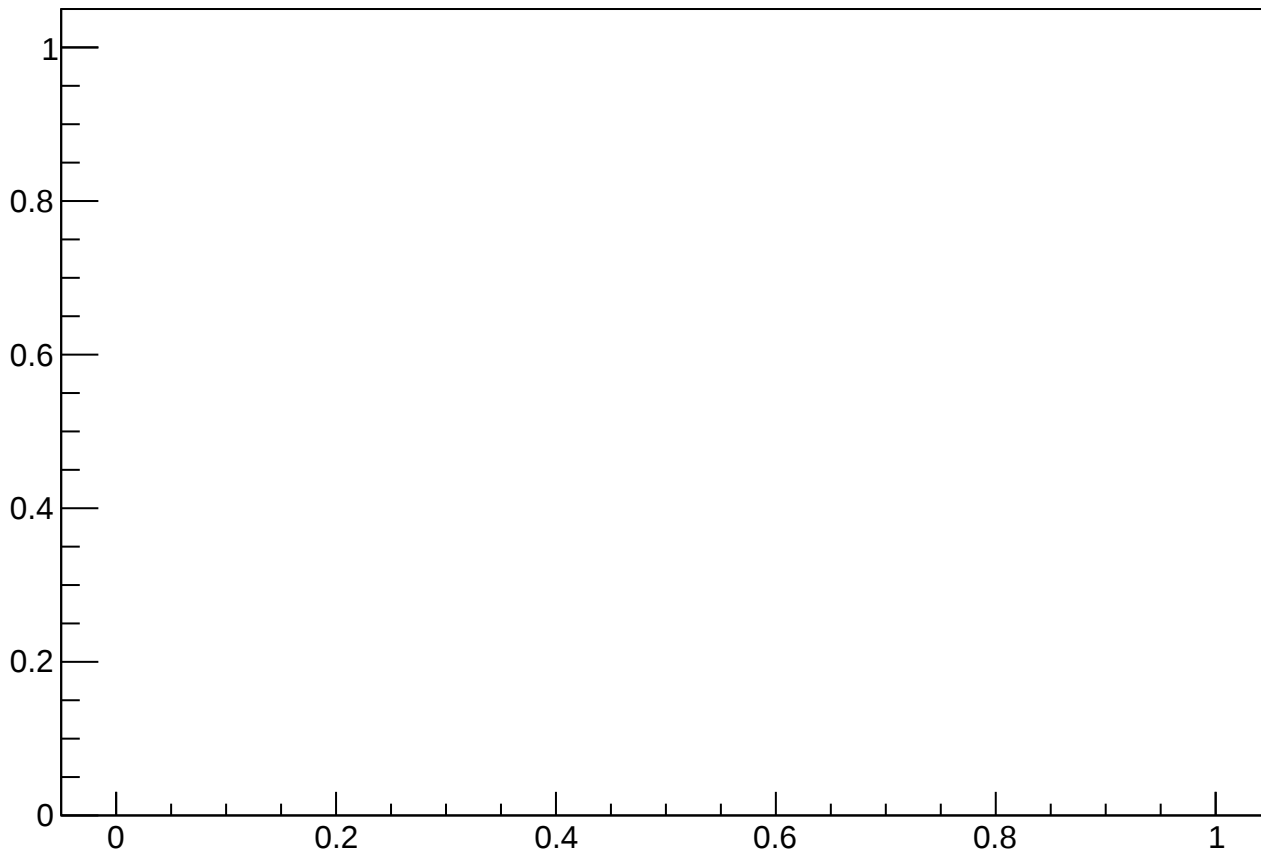
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

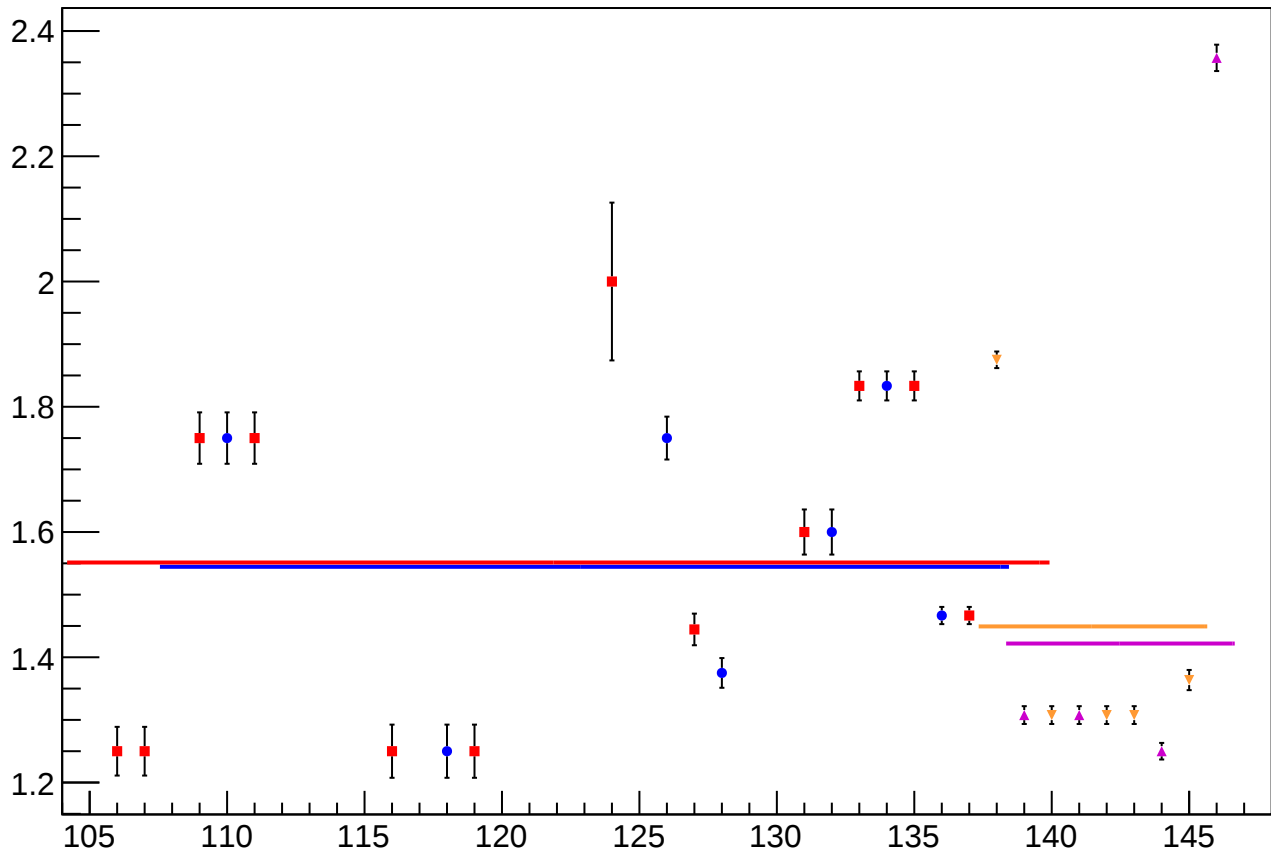
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

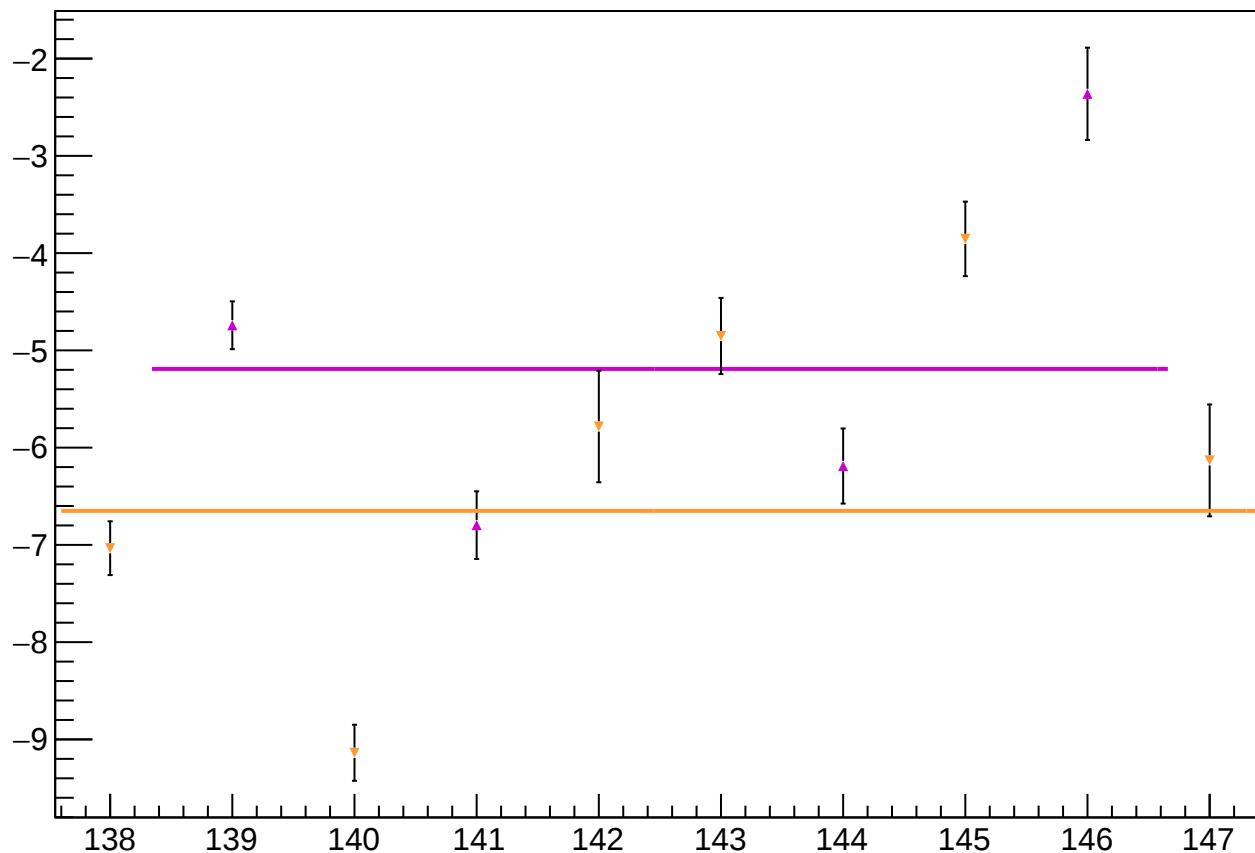
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

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

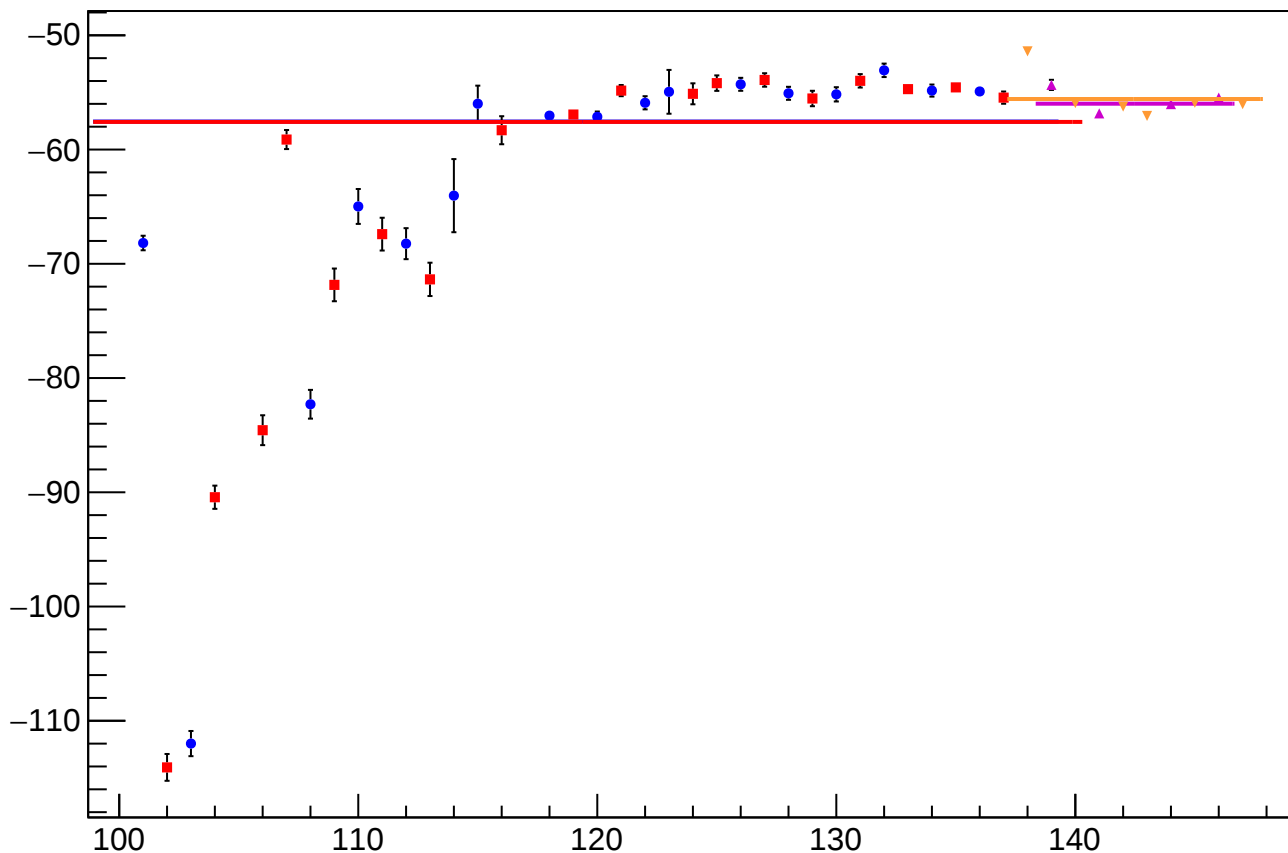
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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: -5.191+/-0.167 χ^2/NDF :66.9/3

Left: -5.998+/-0.111 χ^2/NDF : 263.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.191+/-0.167 χ^2/NDF :66.9/3
 Out: -6.650+/-0.150 χ^2/NDF :153.9/5
 All: -5.998+/-0.111 χ^2/NDF : 263.2/9

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: -55.987 $\pm$ 0.150 χ^2 /NDF:28.1/3

Left: -55.734 $\pm$ 0.093 χ^2 /NDF: 238.9/9

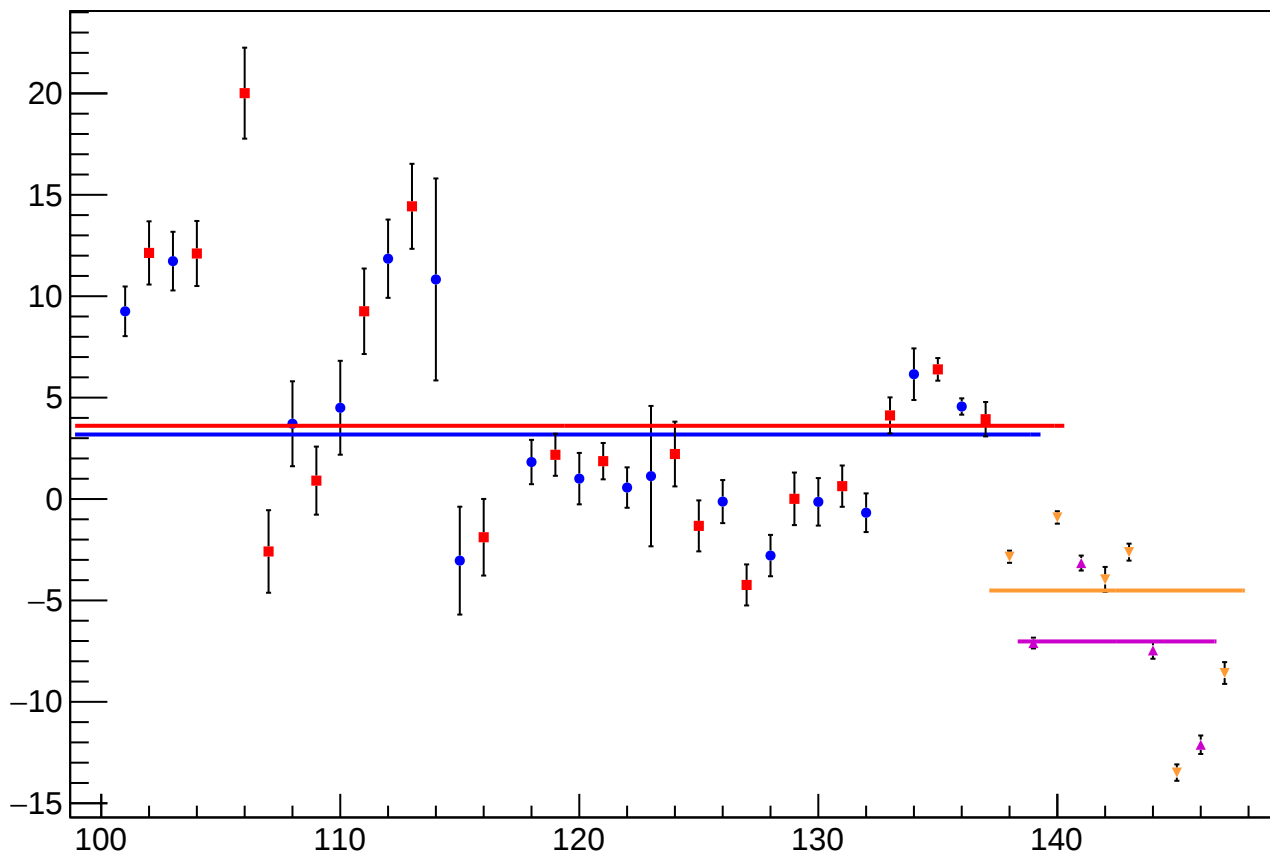
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.814 $\pm$ 0.103 χ^2 /NDF:3545.8/20

Out: -56.397 $\pm$ 0.091 χ^2 /NDF:4666.2/23

All: -56.581 $\pm$ 0.068 χ^2 /NDF: 8221.2/44

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: -7.021 ± 0.177 χ^2/NDF : 235.4/3

Left: -5.634 ± 0.118 χ^2/NDF : 1087.2/9

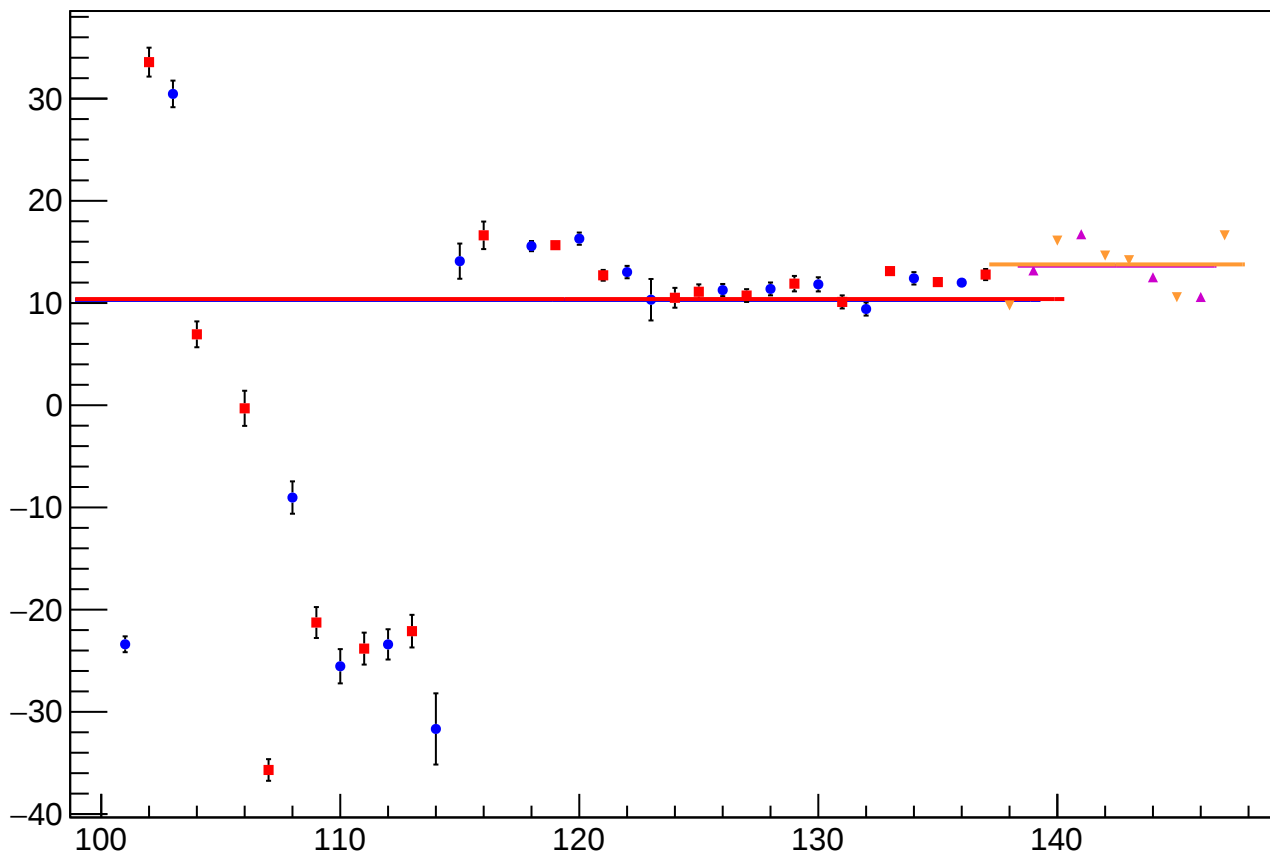
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -3.769 ± 0.146 χ^2/NDF : 1485.9/20

Out: -2.399 ± 0.137 χ^2/NDF : 1709.6/23

All: -3.040 ± 0.100 χ^2/NDF : 3242.6/44

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: 13.650+/-0.175 χ^2/NDF :183.3/3

Left: 13.727+/-0.111 χ^2/NDF : 516.6/9

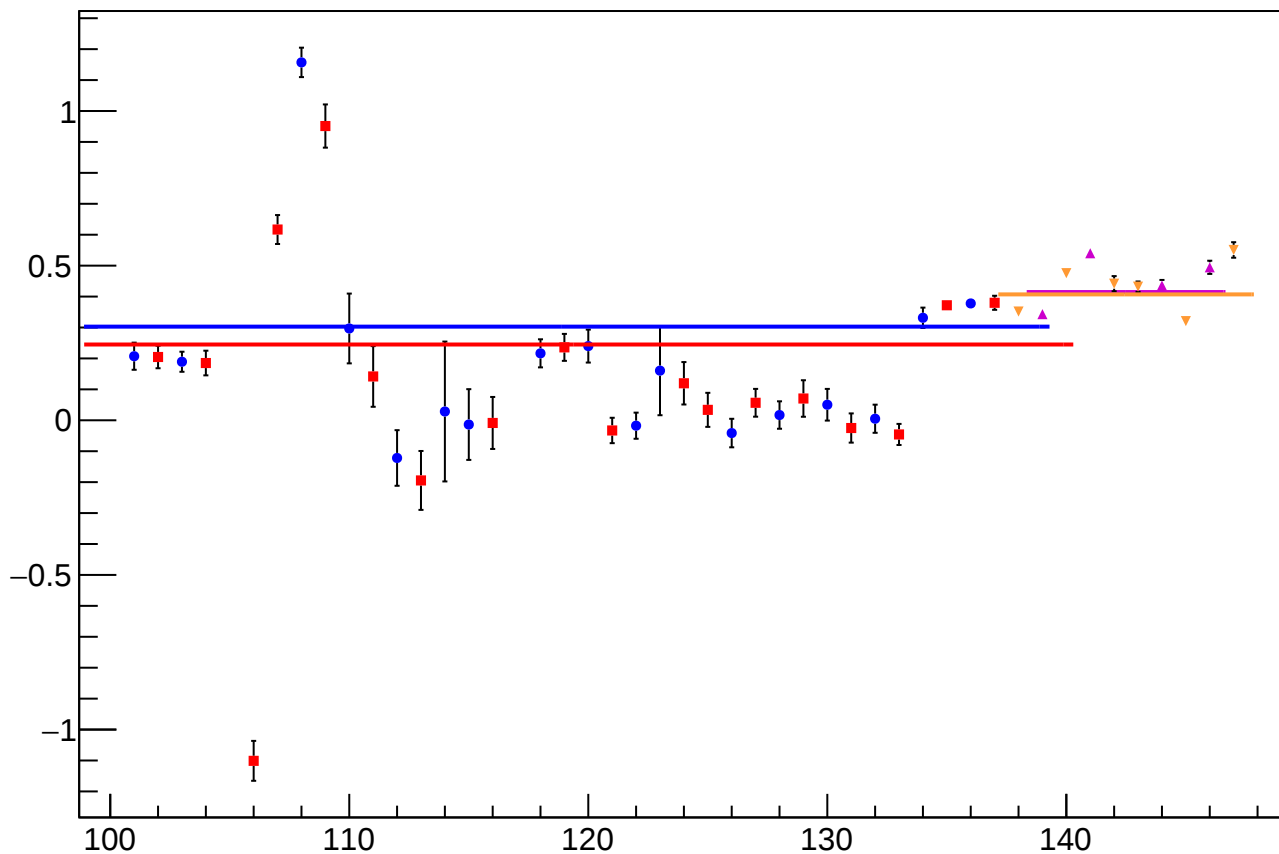
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.797+/-0.117 χ^2/NDF :4086.1/20

Out: 12.274+/-0.107 χ^2/NDF :4369.5/23

All: 12.058+/-0.079 χ^2/NDF : 8464.7/44

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: 0.415 ± 0.007 χ^2/NDF : 144.5/3

Left: 0.411 ± 0.005 χ^2/NDF : 261.6/9

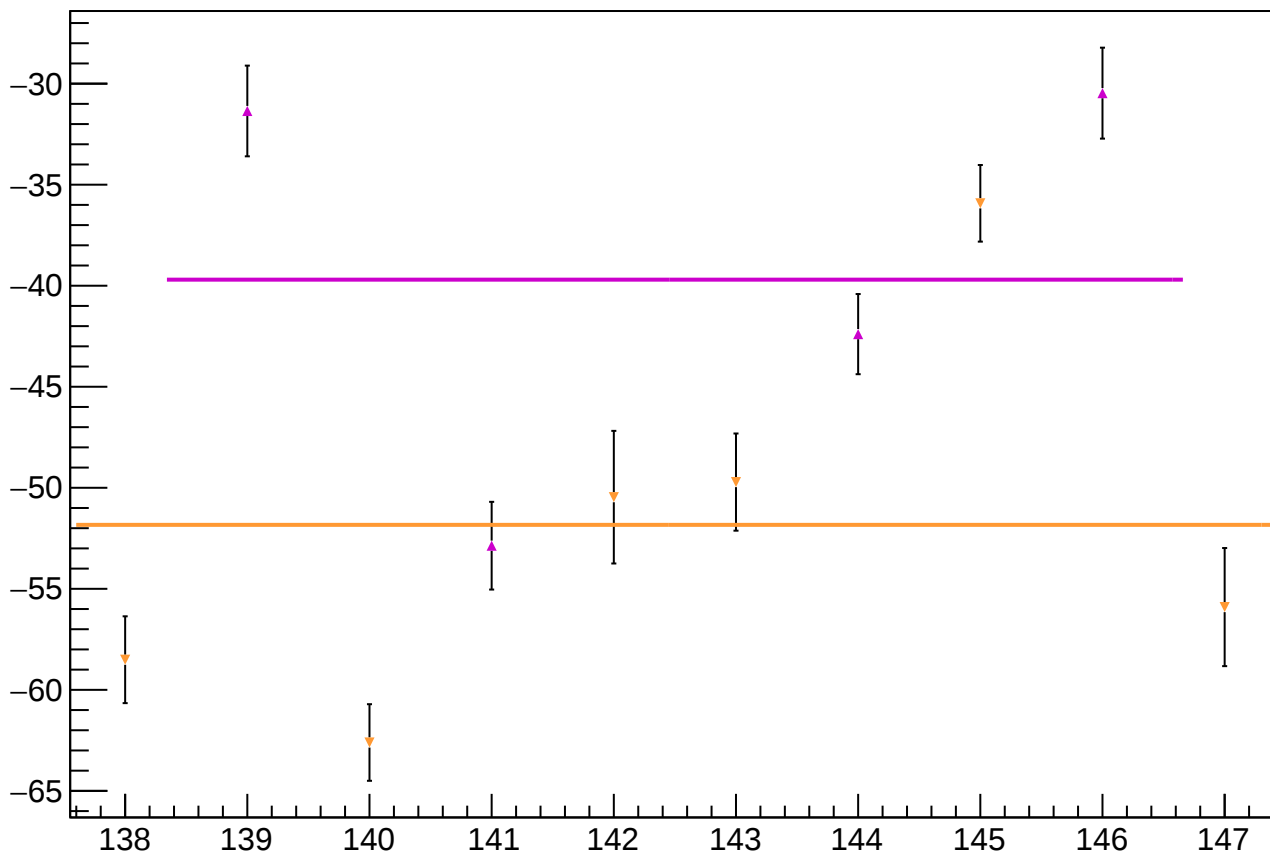
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.368 ± 0.005 χ^2/NDF : 900.8/20

Out: 0.348 ± 0.005 χ^2/NDF : 1300.9/23

All: 0.358 ± 0.004 χ^2/NDF : 2209.5/44

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: -39.700+/-1.077 χ^2/NDF :69.3/3

Left: -46.651+/-0.704 χ^2/NDF : 257.3/9

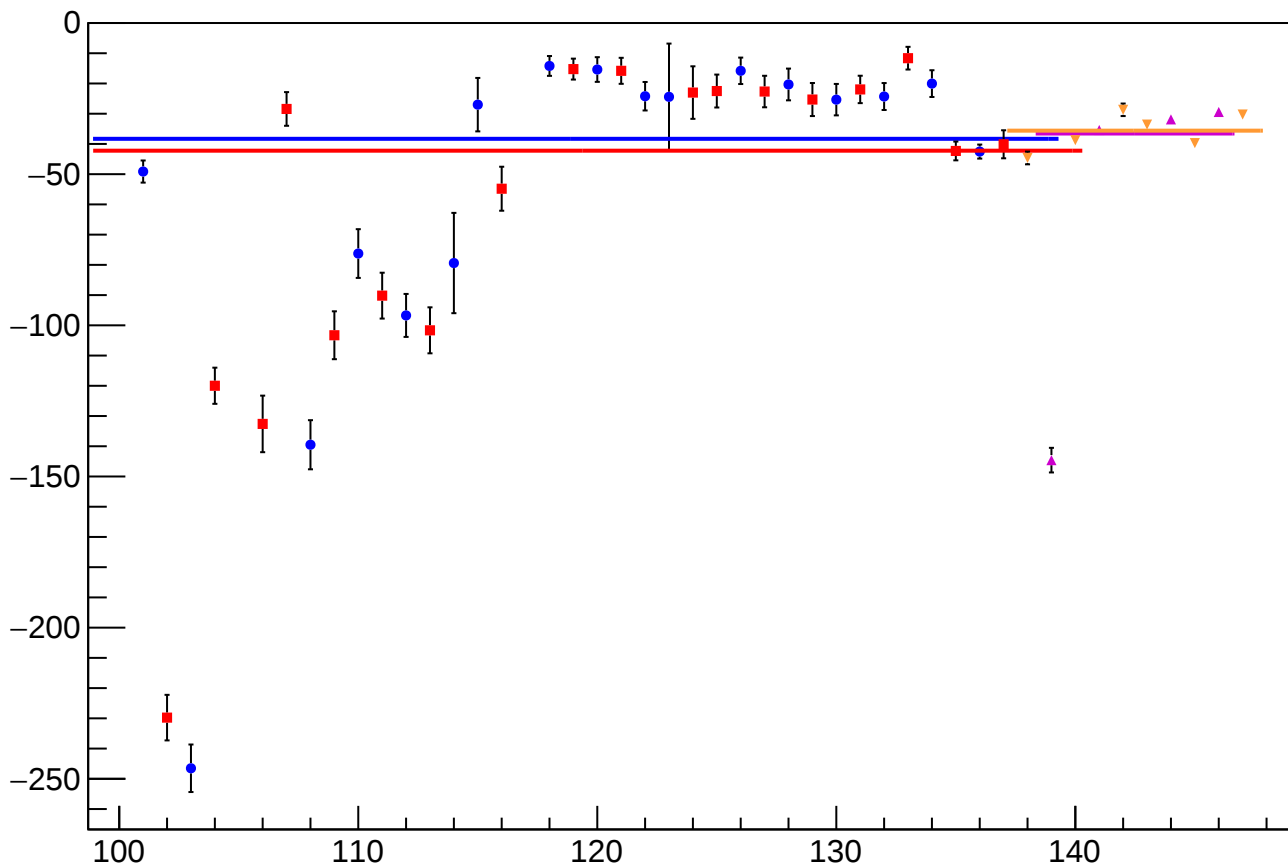
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.700+/-1.077 χ^2/NDF :69.3/3

Out: -51.835+/-0.930 χ^2/NDF :115.3/5

All: -46.651+/-0.704 χ^2/NDF : 257.3/9

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 χ^2/NDF : 1132.8/16

Left Out: -35.604 ± 0.676 χ^2/NDF : 57.1/5

Right Out: -42.231 ± 1.210 χ^2/NDF : 1278.1/17

Left In: -36.549 ± 0.817 χ^2/NDF : 742.1/3

Left: -35.988 ± 0.521 χ^2/NDF : 800.0/9

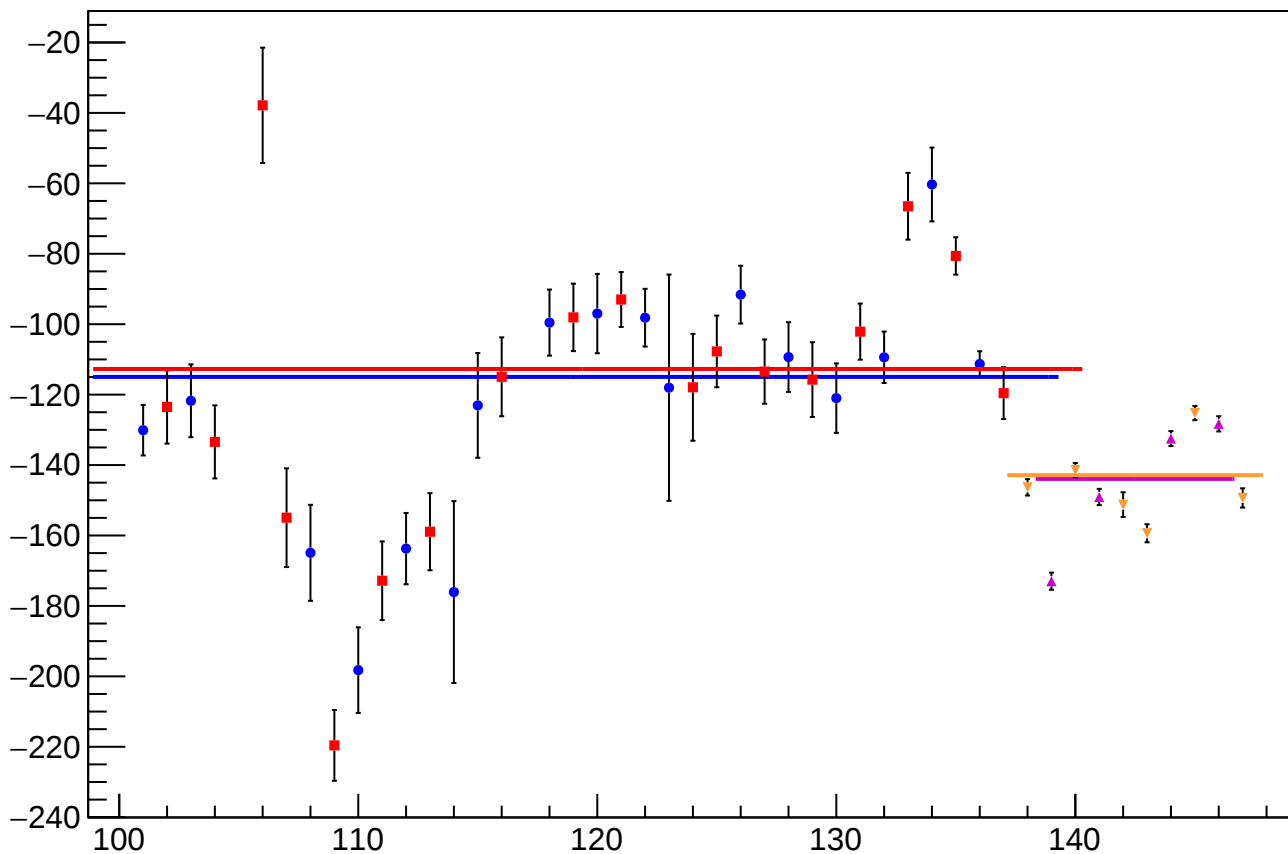
Right: -40.148 ± 0.829 χ^2/NDF : 2416.5/34

In: -37.146 ± 0.664 χ^2/NDF : 1876.4/20

Out: -37.181 ± 0.590 χ^2/NDF : 1358.1/23

All: -37.166 ± 0.441 χ^2/NDF : 3234.6/44

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -142.876 ± 0.979 $\chi^2/\text{NDF}: 131.8/5$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -143.930 ± 1.123 $\chi^2/\text{NDF}: 229.6/3$

Left: -143.332 ± 0.738 $\chi^2/\text{NDF}: 361.9/9$

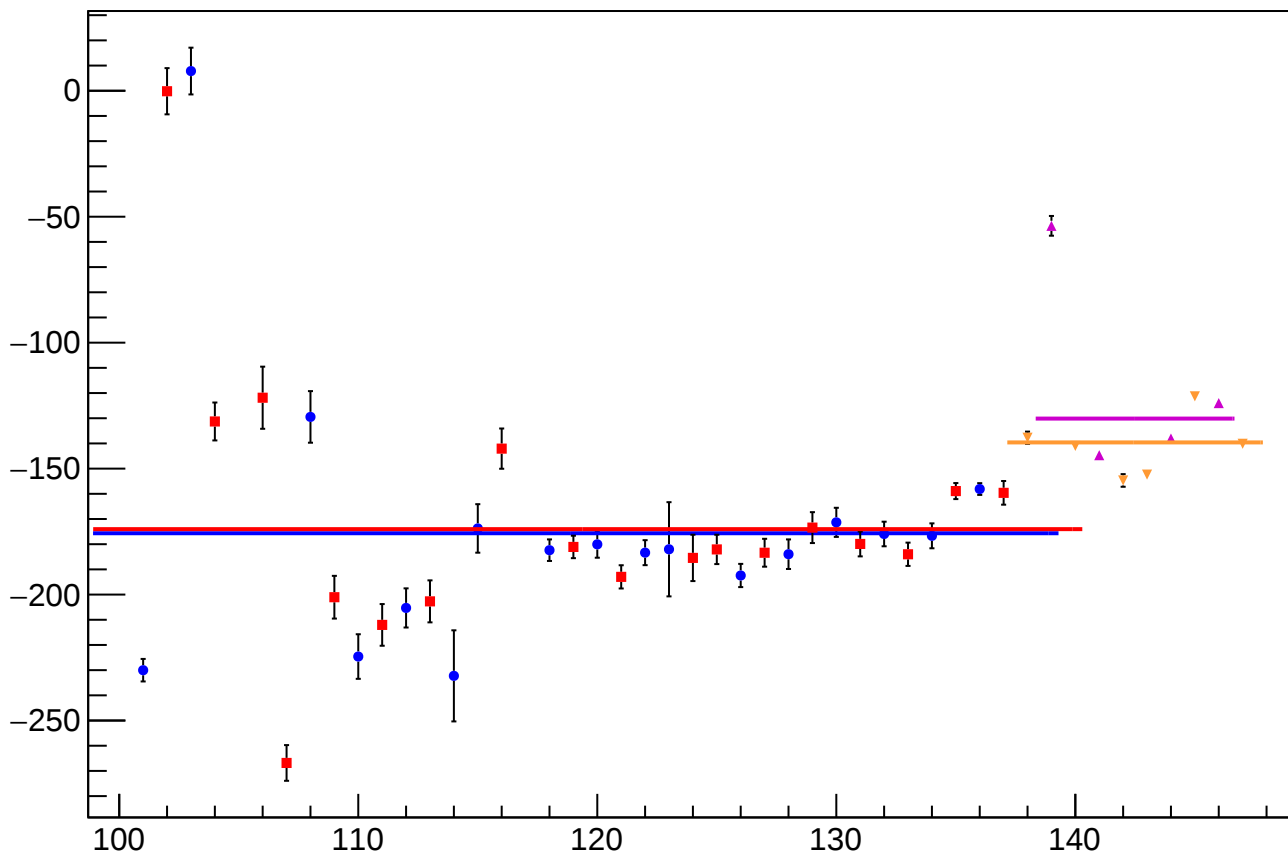
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -137.370 ± 0.987 $\chi^2/\text{NDF}: 521.8/20$

Out: -137.927 ± 0.895 $\chi^2/\text{NDF}: 554.6/23$

All: -137.676 ± 0.663 $\chi^2/\text{NDF}: 1076.5/44$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.598 ± 0.827 χ^2/NDF : 186.5/5

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -130.138 ± 0.982 χ^2/NDF : 476.3/3

Left: -135.674 ± 0.632 χ^2/NDF : 717.2/9

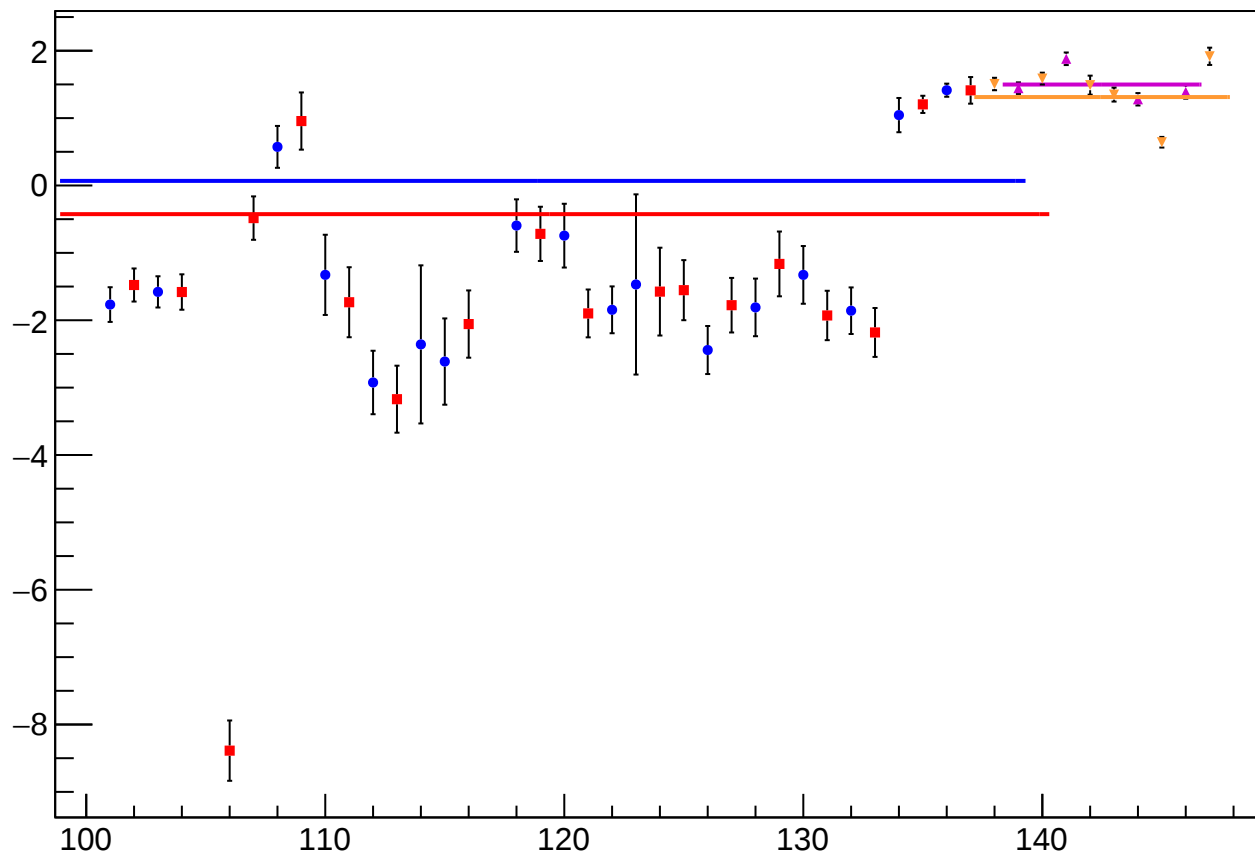
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -147.177 ± 0.777 χ^2/NDF : 1973.0/20

Out: -148.932 ± 0.706 χ^2/NDF : 1360.3/23

All: -148.138 ± 0.522 χ^2/NDF : 3336.2/44

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: 1.498 $\pm$ 0.046 χ^2 /NDF:24.0/3

Left: 1.393 $\pm$ 0.030 χ^2 /NDF: 143.1/9

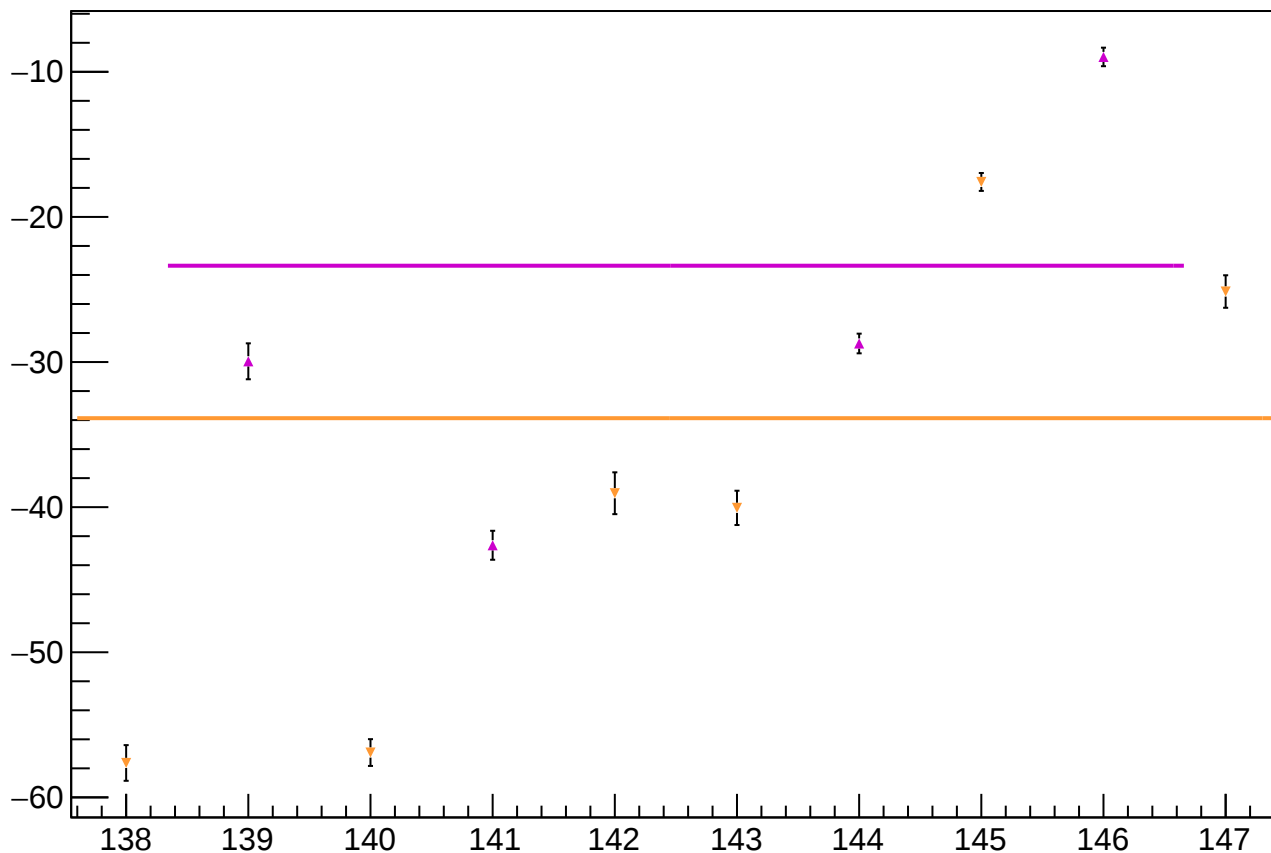
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.037 $\pm$ 0.038 χ^2 /NDF:858.4/20

Out: 0.889 $\pm$ 0.035 χ^2 /NDF:1302.8/23

All: 0.957 $\pm$ 0.026 χ^2 /NDF: 2169.3/44

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: -23.361+/-0.399 χ^2/NDF :970.8/3

Left: -28.687+/-0.280 χ^2/NDF : 3116.4/9

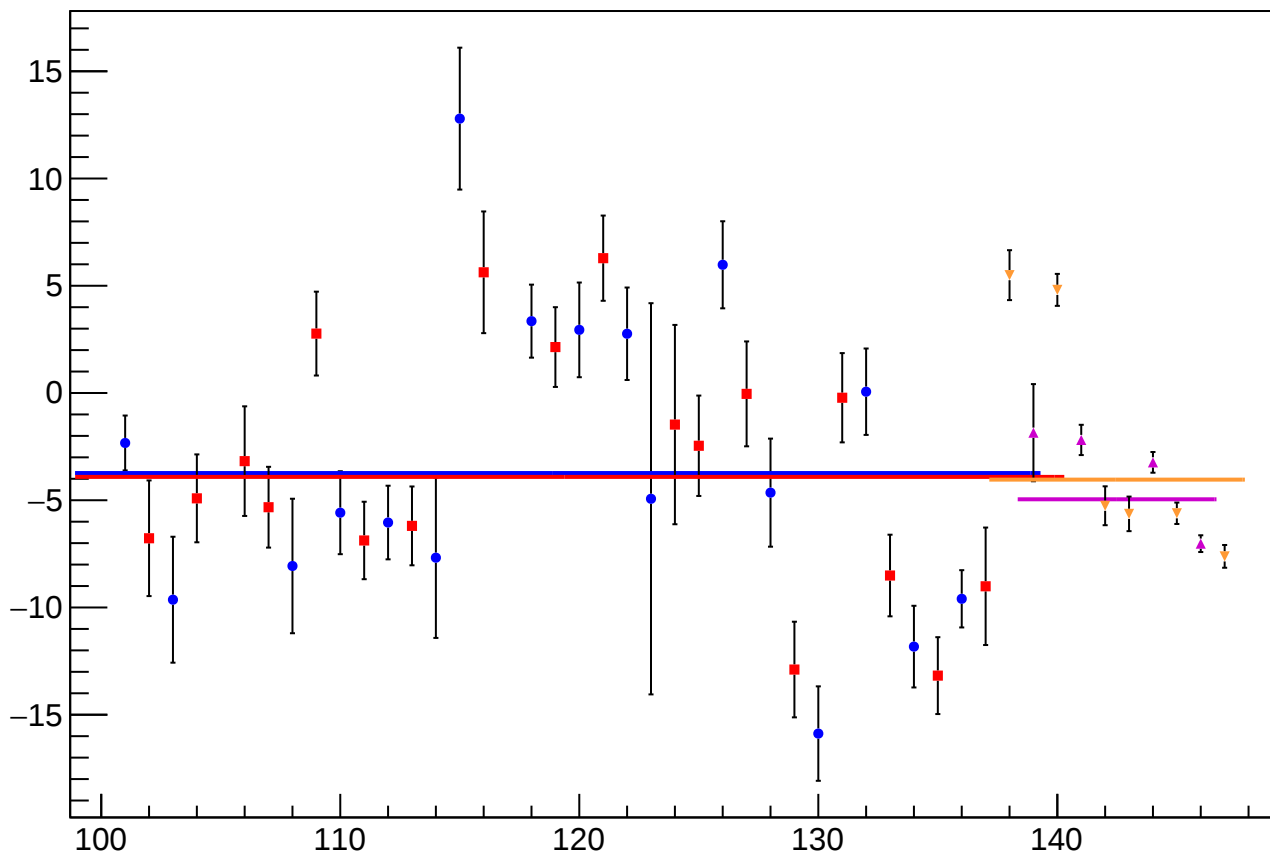
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.361+/-0.399 χ^2/NDF :970.8/3

Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

All: -28.687+/-0.280 χ^2/NDF : 3116.4/9

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.039 ± 0.279 χ^2/NDF : 269.1/5

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -4.956 ± 0.277 χ^2/NDF : 58.0/3

Left: -4.501 ± 0.196 χ^2/NDF : 332.5/9

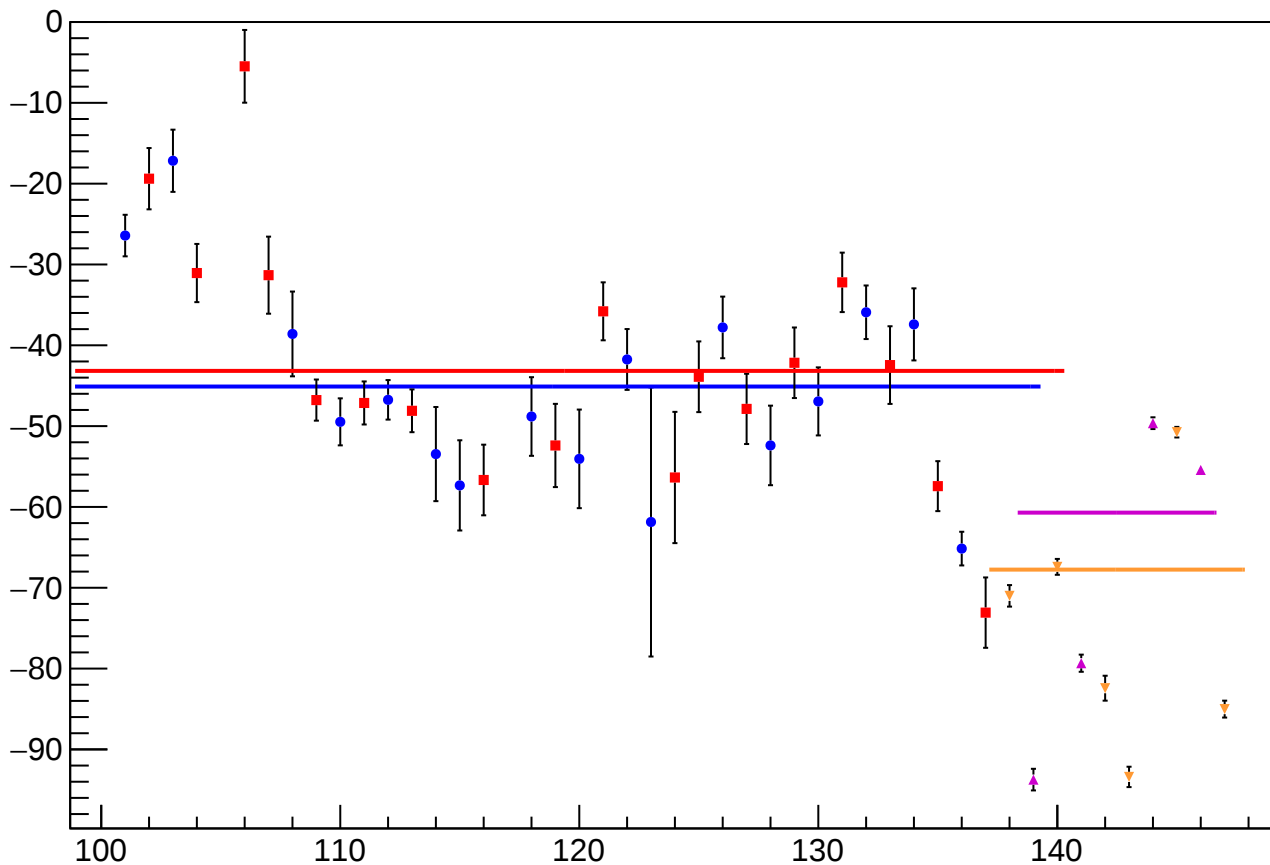
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -4.665 ± 0.242 χ^2/NDF : 228.5/20

Out: -4.009 ± 0.244 χ^2/NDF : 393.9/23

All: -4.341 ± 0.172 χ^2/NDF : 626.0/44

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: -60.705 ± 0.408 χ^2/NDF : 1223.8/3

Left: -64.199 ± 0.290 χ^2/NDF : 2827.8/9

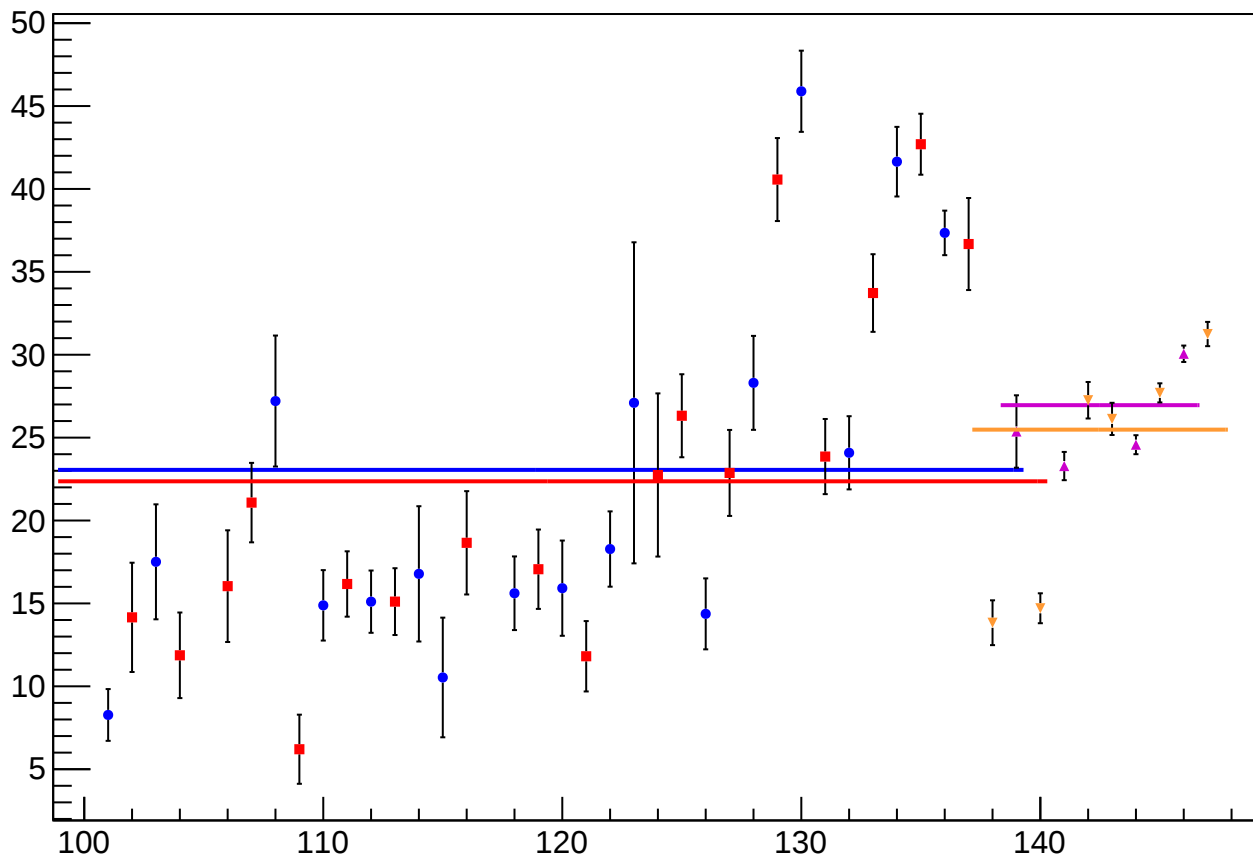
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -57.953 ± 0.371 χ^2/NDF : 1711.8/20

Out: -63.328 ± 0.373 χ^2/NDF : 2330.6/23

All: -60.623 ± 0.263 χ^2/NDF : 4146.8/44

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: 26.958 $\pm$ 0.339 χ^2 /NDF:75.7/3

Left: 26.228 $\pm$ 0.241 χ^2 /NDF: 381.7/9

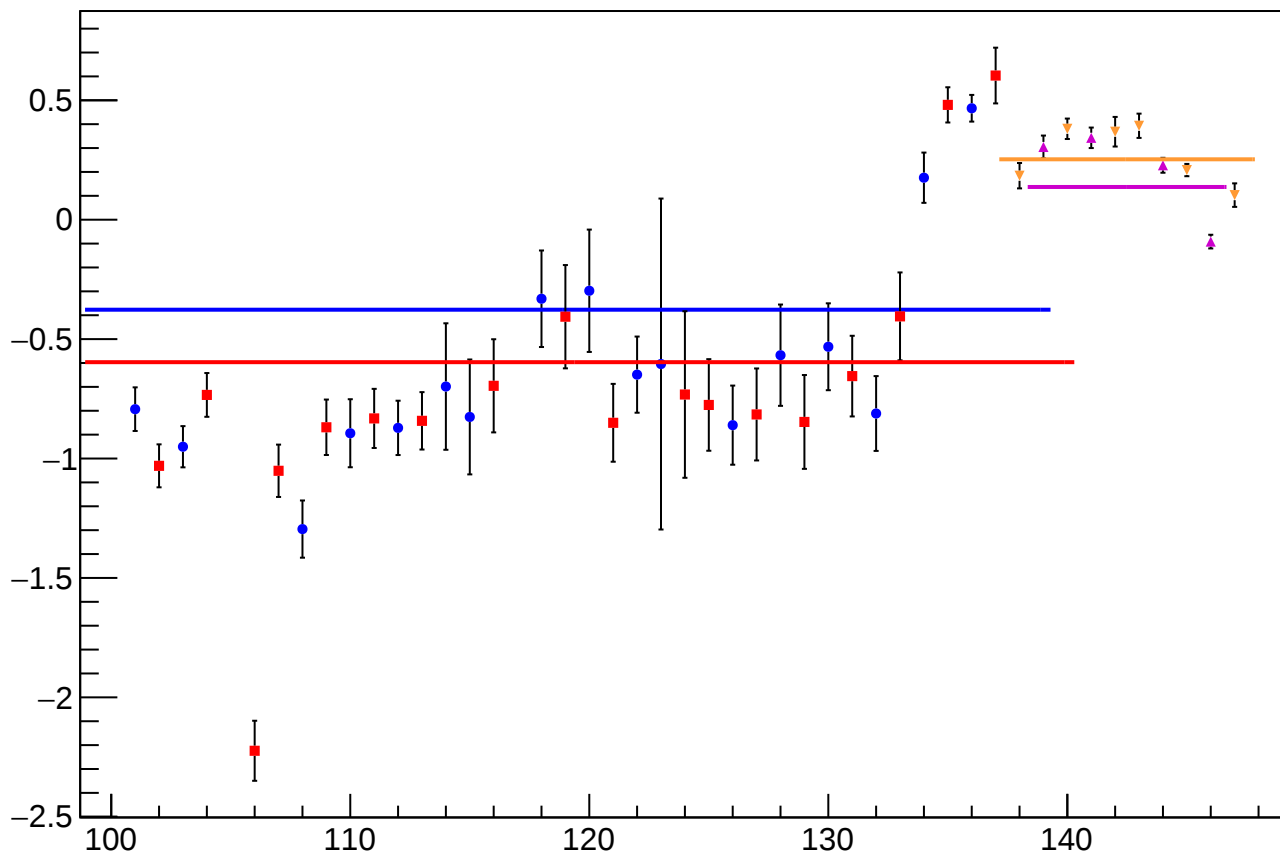
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 25.904 $\pm$ 0.289 χ^2 /NDF:572.6/20

Out: 24.662 $\pm$ 0.294 χ^2 /NDF:687.2/23

All: 25.292 $\pm$ 0.206 χ^2 /NDF: 1268.9/44

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: 0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

Left: 0.197 ± 0.012 $\chi^2/\text{NDF}: 163.9/9$

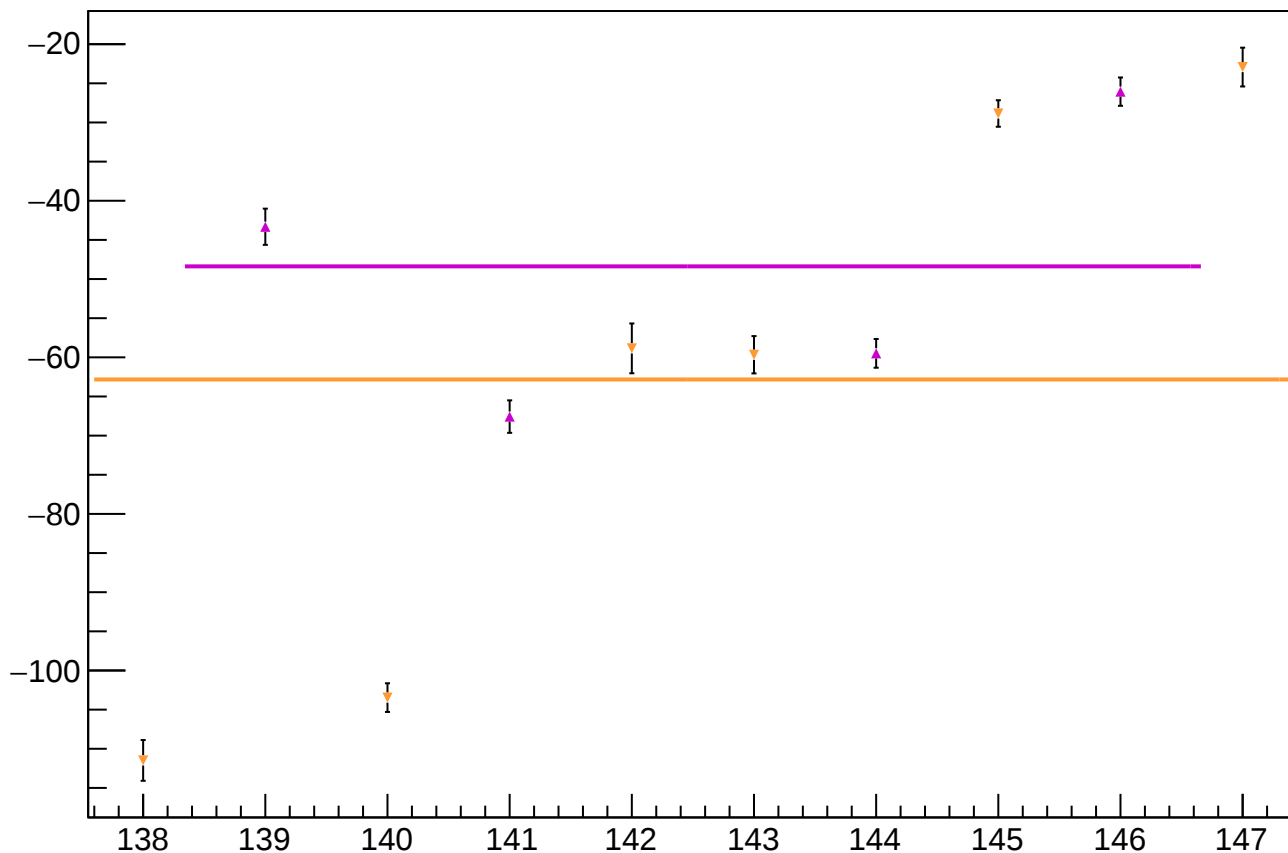
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.006 ± 0.015 $\chi^2/\text{NDF}: 762.0/20$

Out: 0.049 ± 0.015 $\chi^2/\text{NDF}: 1185.1/23$

All: 0.028 ± 0.011 $\chi^2/\text{NDF}: 1951.3/44$

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: -48.380+/-0.989 χ^2/NDF :279.0/3

Left: -56.275+/-0.666 χ^2/NDF : 1900.8/9

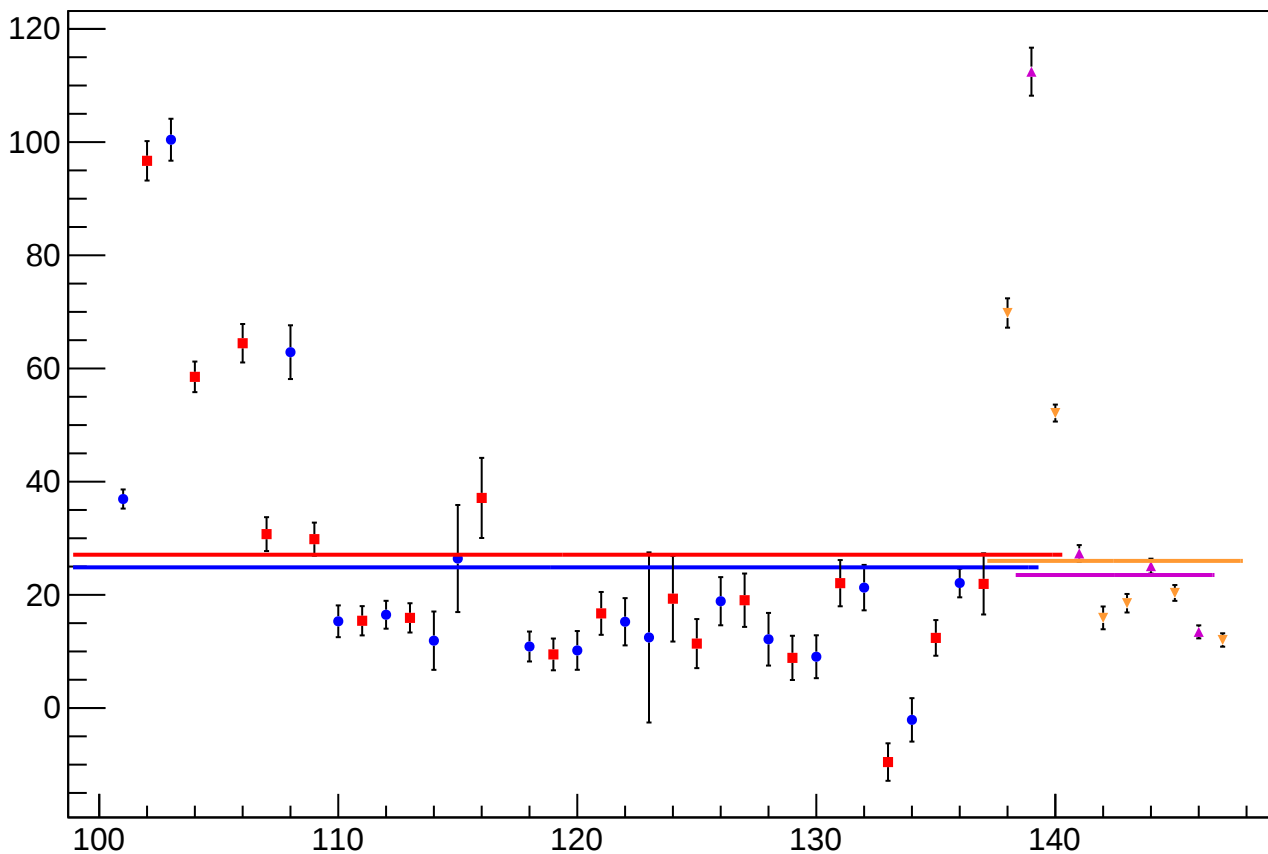
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.380+/-0.989 χ^2/NDF :279.0/3

Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

All: -56.275+/-0.666 χ^2/NDF : 1900.8/9

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 26.001 ± 0.640 χ^2/NDF : 790.5/5

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 23.509 ± 0.735 χ^2/NDF : 523.9/3

Left: 24.926 ± 0.483 χ^2/NDF : 1320.9/9

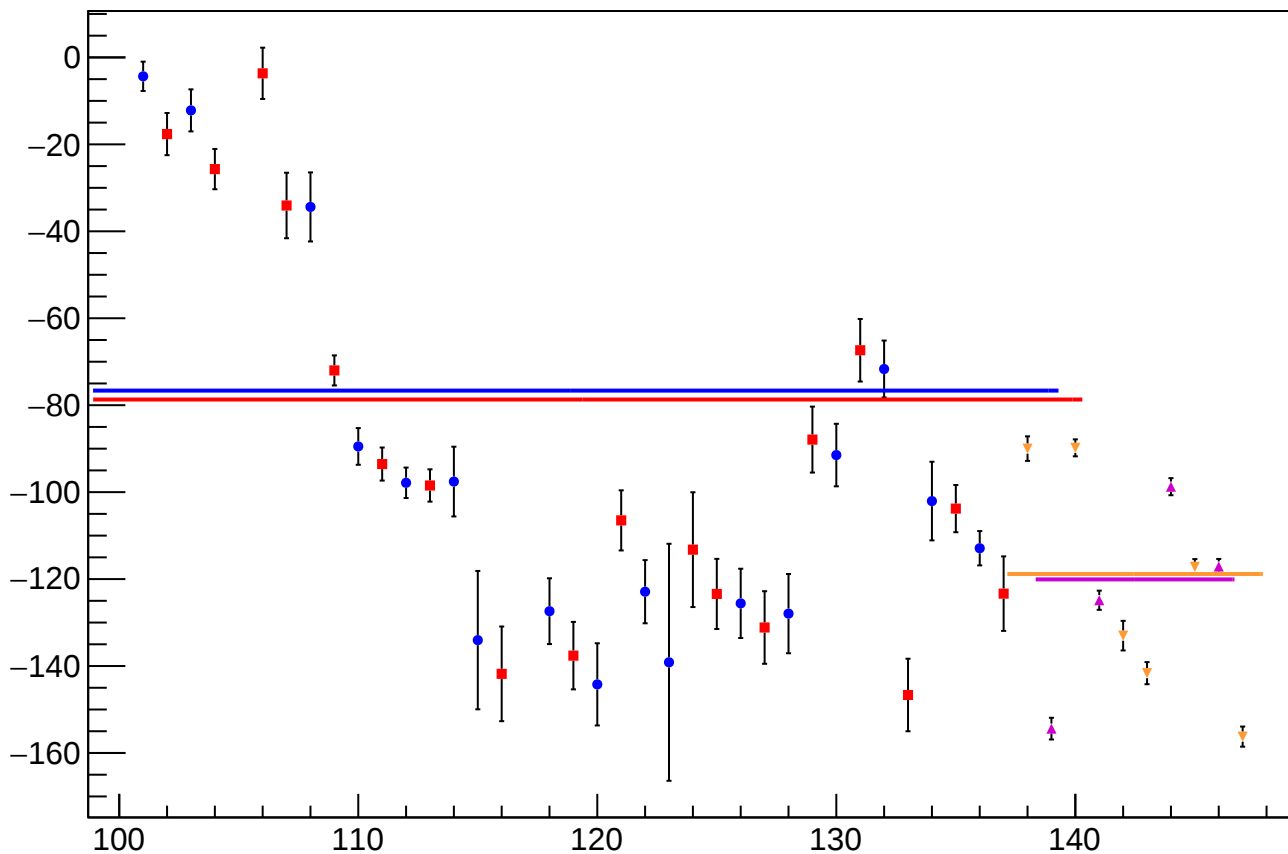
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 24.127 ± 0.542 χ^2/NDF : 1216.4/20

Out: 26.420 ± 0.503 χ^2/NDF : 1722.5/23

All: 25.360 ± 0.369 χ^2/NDF : 2948.6/44

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: -120.072 ± 1.023 $\chi^2/\text{NDF}: 314.3/3$

Left: -119.400 ± 0.693 $\chi^2/\text{NDF}: 1000.7/9$

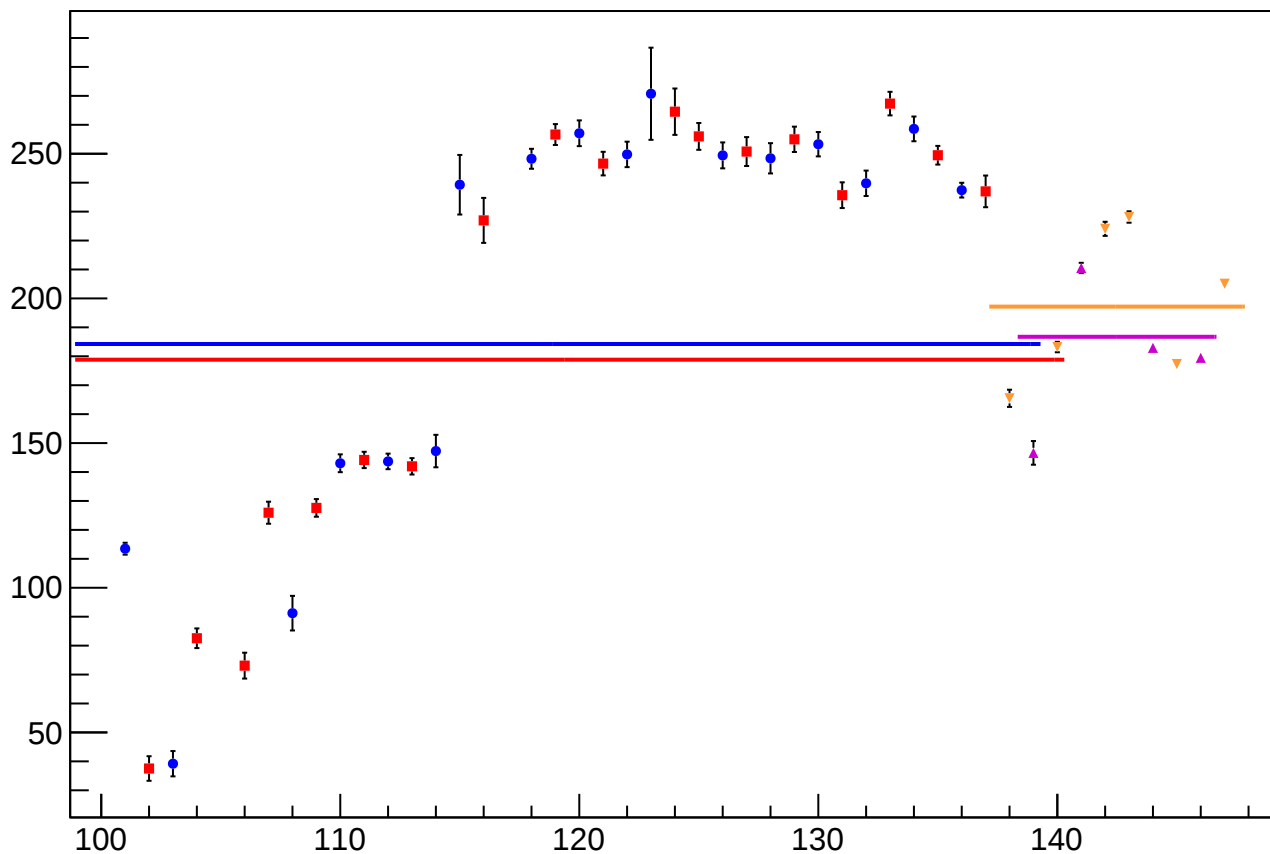
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -105.156 ± 0.829 $\chi^2/\text{NDF}: 1973.8/20$

Out: -105.819 ± 0.774 $\chi^2/\text{NDF}: 2110.7/23$

All: -105.510 ± 0.566 $\chi^2/\text{NDF}: 4084.8/44$

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: 186.736 $\pm$ 0.884 χ^2 /NDF: 307.1/3

Left: 192.555 $\pm$ 0.588 χ^2 /NDF: 1104.6/9

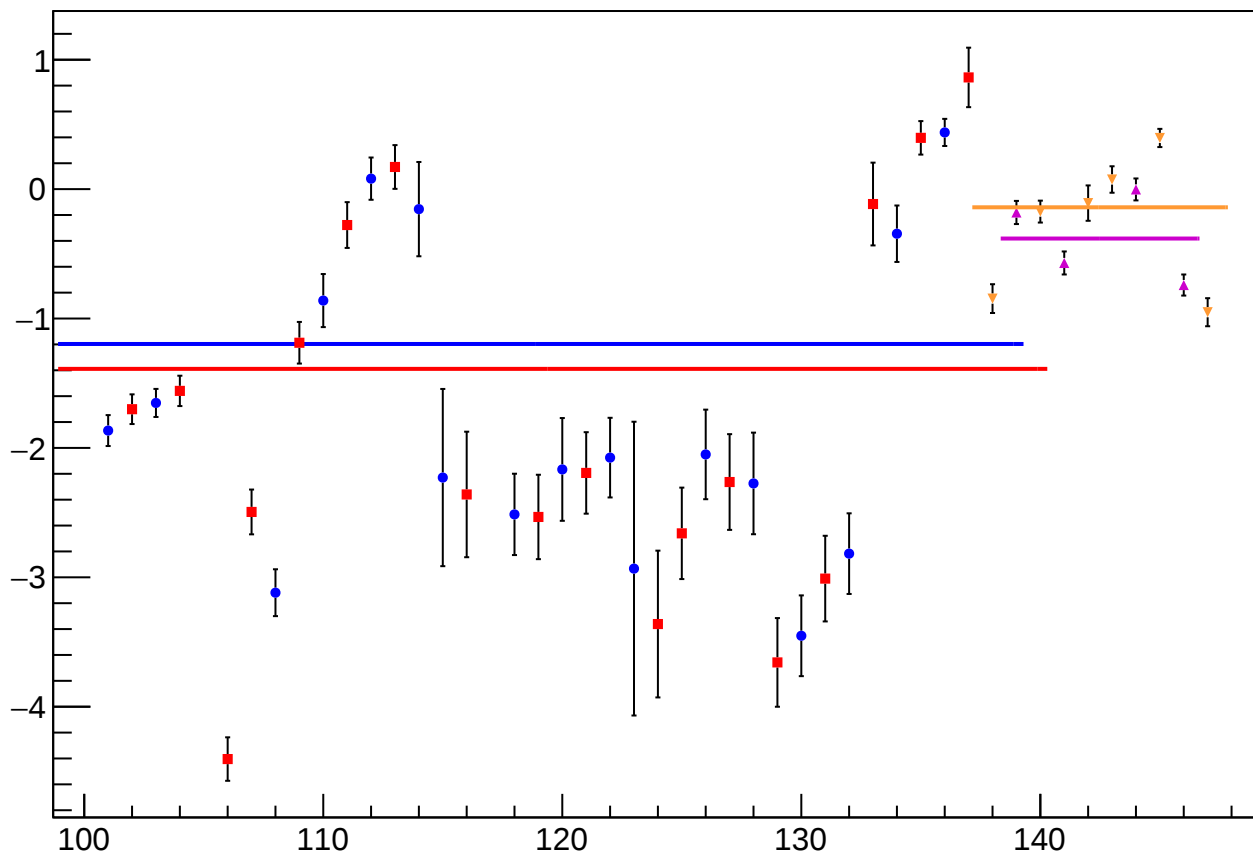
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 185.534 $\pm$ 0.636 χ^2 /NDF: 5699.5/20

Out: 189.466 $\pm$ 0.600 χ^2 /NDF: 7118.7/23

All: 187.615 $\pm$ 0.436 χ^2 /NDF: 12838.5/44

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: -0.382 ± 0.043 χ^2/NDF : 49.1/3

Left: -0.250 ± 0.029 χ^2/NDF : 225.2/9

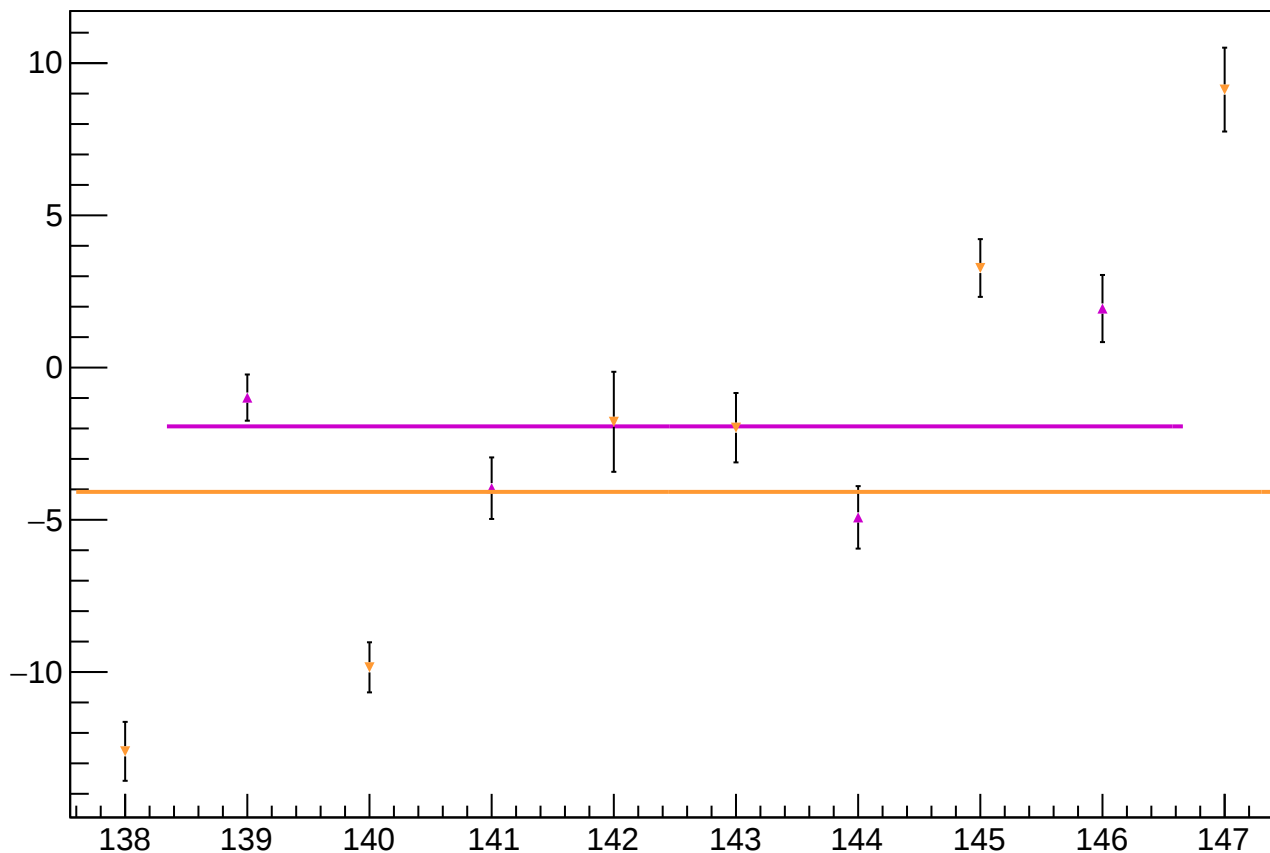
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.743 ± 0.032 χ^2/NDF : 830.0/20

Out: -0.662 ± 0.030 χ^2/NDF : 1508.8/23

All: -0.700 ± 0.022 χ^2/NDF : 2342.2/44

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: -1.931+/-0.472 χ^2/NDF : 26.4/3

Left: -3.099+/-0.319 χ^2/NDF : 321.8/9

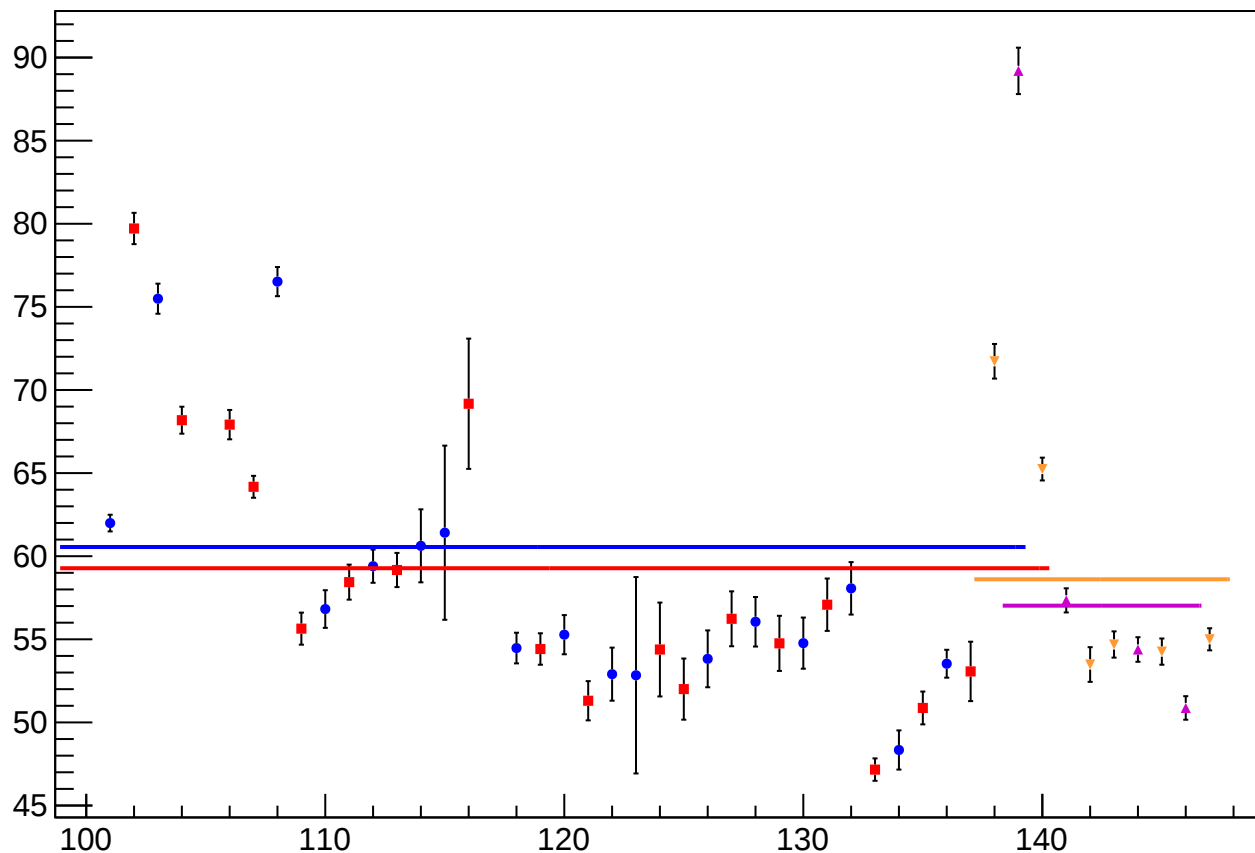
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.931+/-0.472 χ^2/NDF : 26.4/3

Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

All: -3.099+/-0.319 χ^2/NDF : 321.8/9

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 58.612 ± 0.325 $\chi^2/\text{NDF}: 360.8/5$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 57.024 ± 0.400 $\chi^2/\text{NDF}: 619.6/3$

Left: 57.980 ± 0.253 $\chi^2/\text{NDF}: 989.9/9$

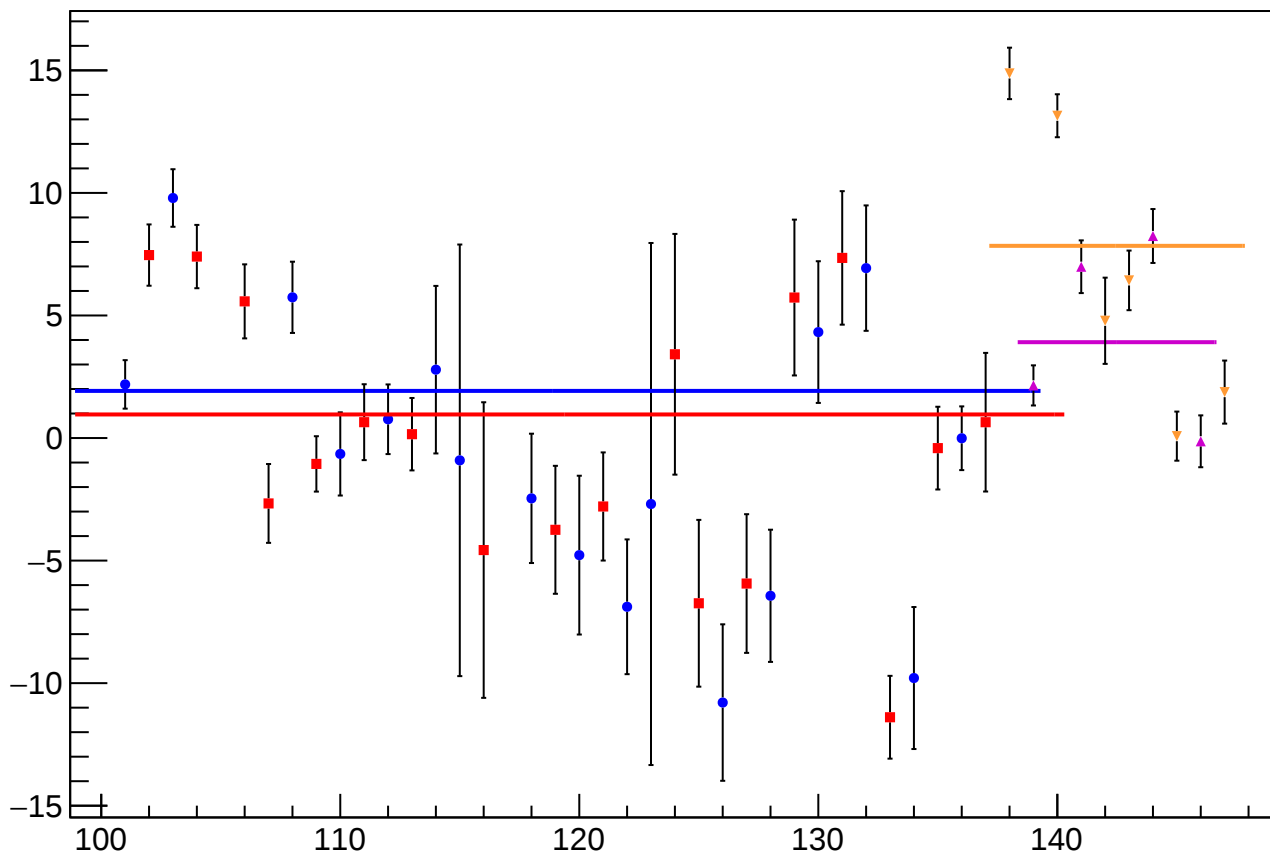
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 59.496 ± 0.219 $\chi^2/\text{NDF}: 1605.0/20$

Out: 59.031 ± 0.198 $\chi^2/\text{NDF}: 1638.2/23$

All: 59.240 ± 0.147 $\chi^2/\text{NDF}: 3245.7/44$

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: 3.910 ± 0.495 $\chi^2/\text{NDF}: 43.0/3$

Left: 6.038 ± 0.335 $\chi^2/\text{NDF}: 244.6/9$

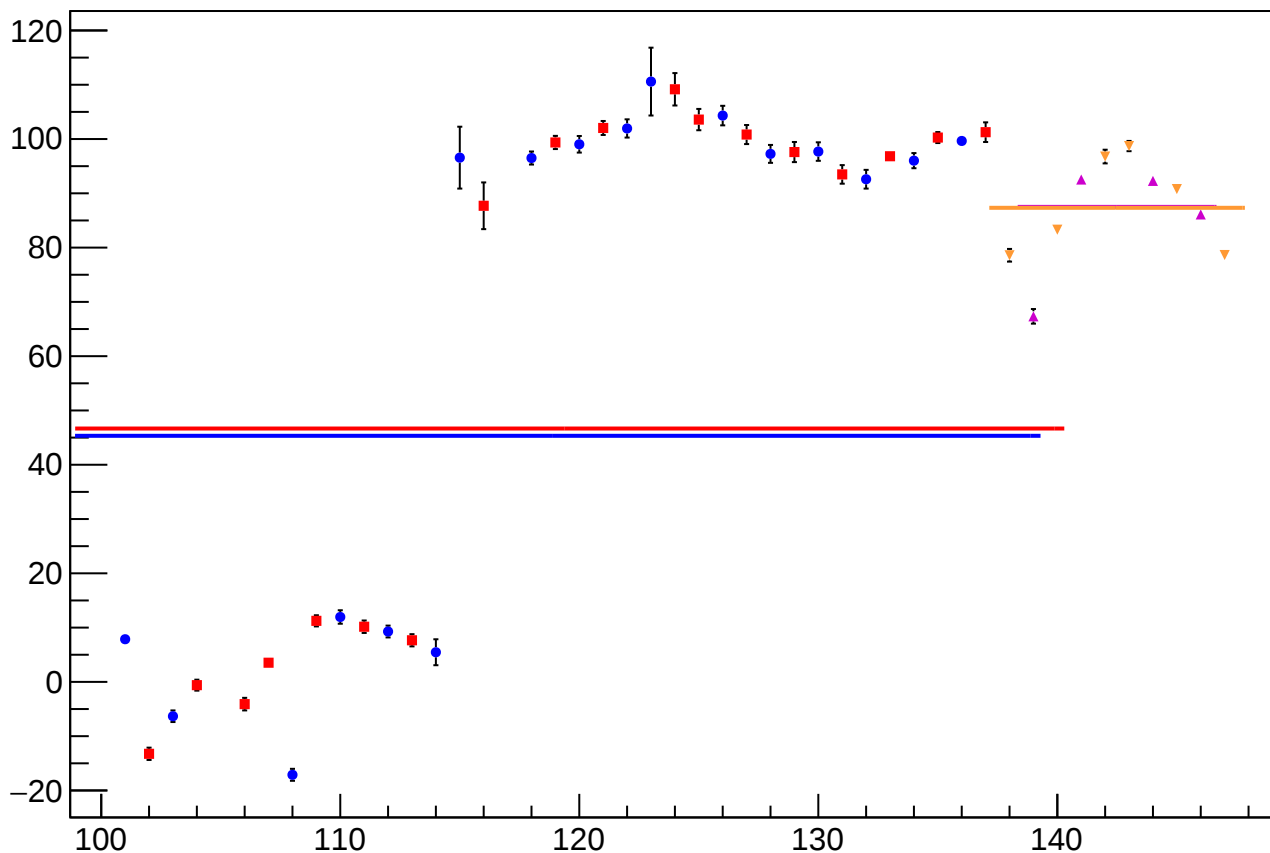
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 2.840 ± 0.336 $\chi^2/\text{NDF}: 172.7/20$

Out: 4.197 ± 0.313 $\chi^2/\text{NDF}: 438.2/23$

All: 3.568 ± 0.229 $\chi^2/\text{NDF}: 619.6/44$

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: 87.502 $\pm$ 0.472 χ^2 /NDF:290.4/3

Left: 87.402 $\pm$ 0.303 χ^2 /NDF: 678.1/9

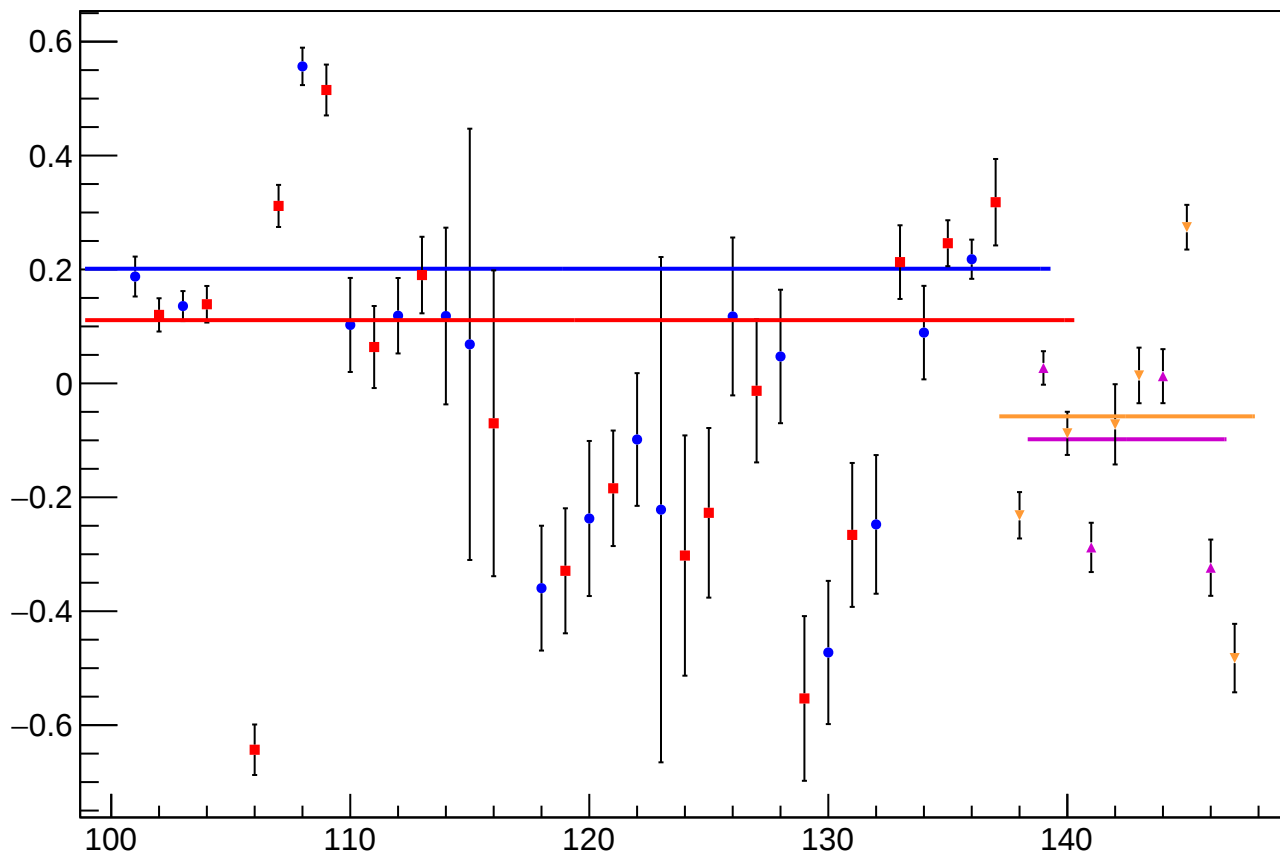
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 57.687 $\pm$ 0.255 χ^2 /NDF:30950.3/20

Out: 60.940 $\pm$ 0.234 χ^2 /NDF:35145.5/23

All: 59.453 $\pm$ 0.173 χ^2 /NDF: 66184.0/44

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: -0.098 ± 0.020 χ^2/NDF : 63.7/3

Left: -0.077 ± 0.014 χ^2/NDF : 208.3/9

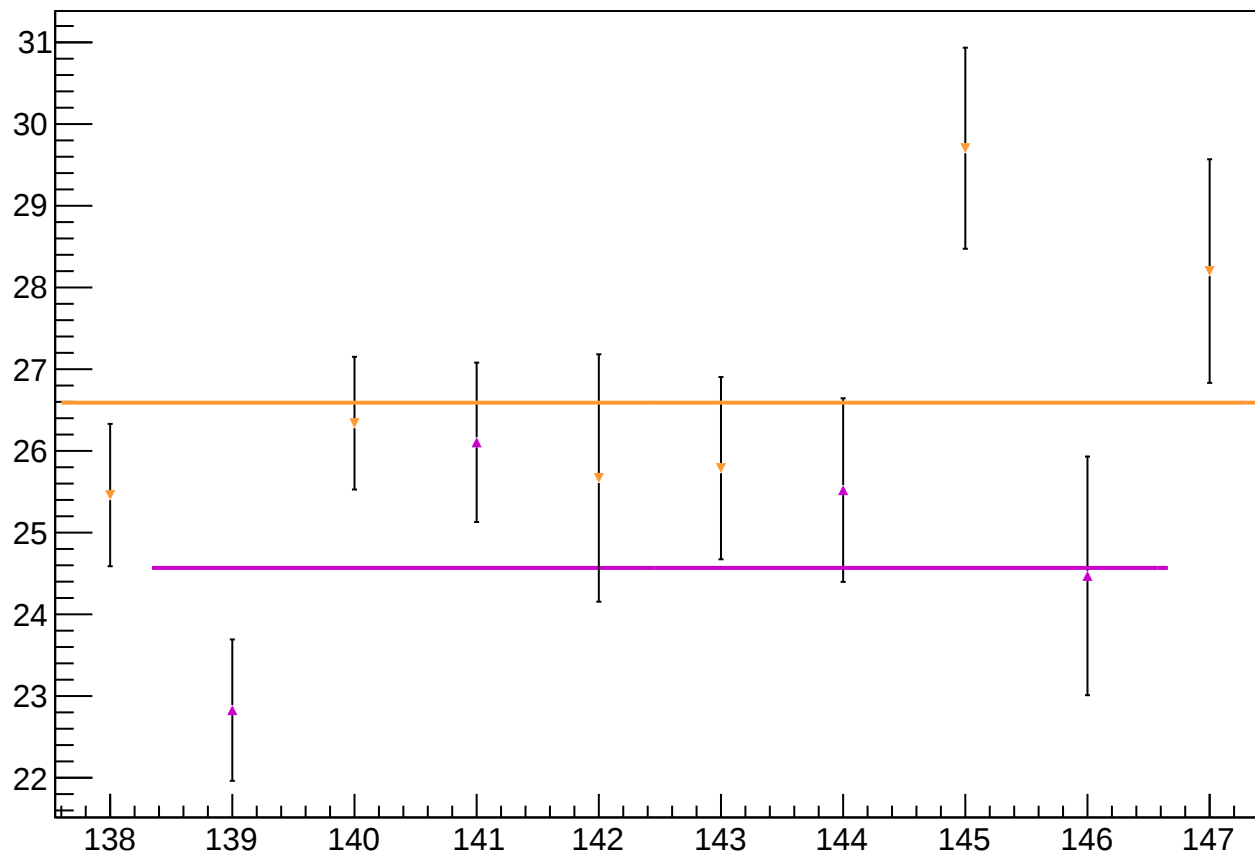
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.101 ± 0.011 χ^2/NDF : 432.8/20

Out: 0.055 ± 0.011 χ^2/NDF : 686.4/23

All: 0.077 ± 0.008 χ^2/NDF : 1127.8/44

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: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Left: 25.763 $\pm$ 0.335 χ^2 /NDF: 26.5/9

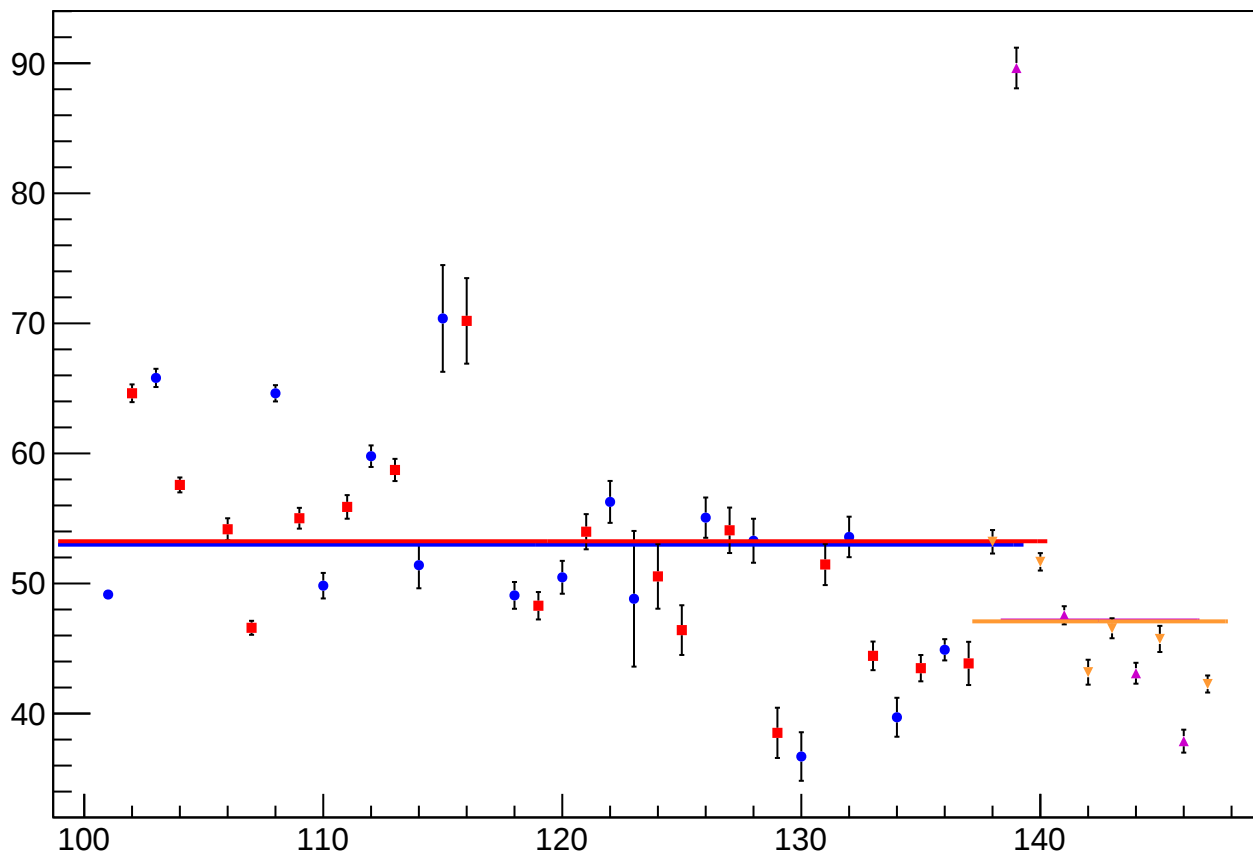
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Out: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

All: 25.763 $\pm$ 0.335 χ^2 /NDF: 26.5/9

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: 47.153 $\pm$ 0.434 χ^2 /NDF:874.9/3

Left: 47.111 $\pm$ 0.259 χ^2 /NDF: 1040.3/9

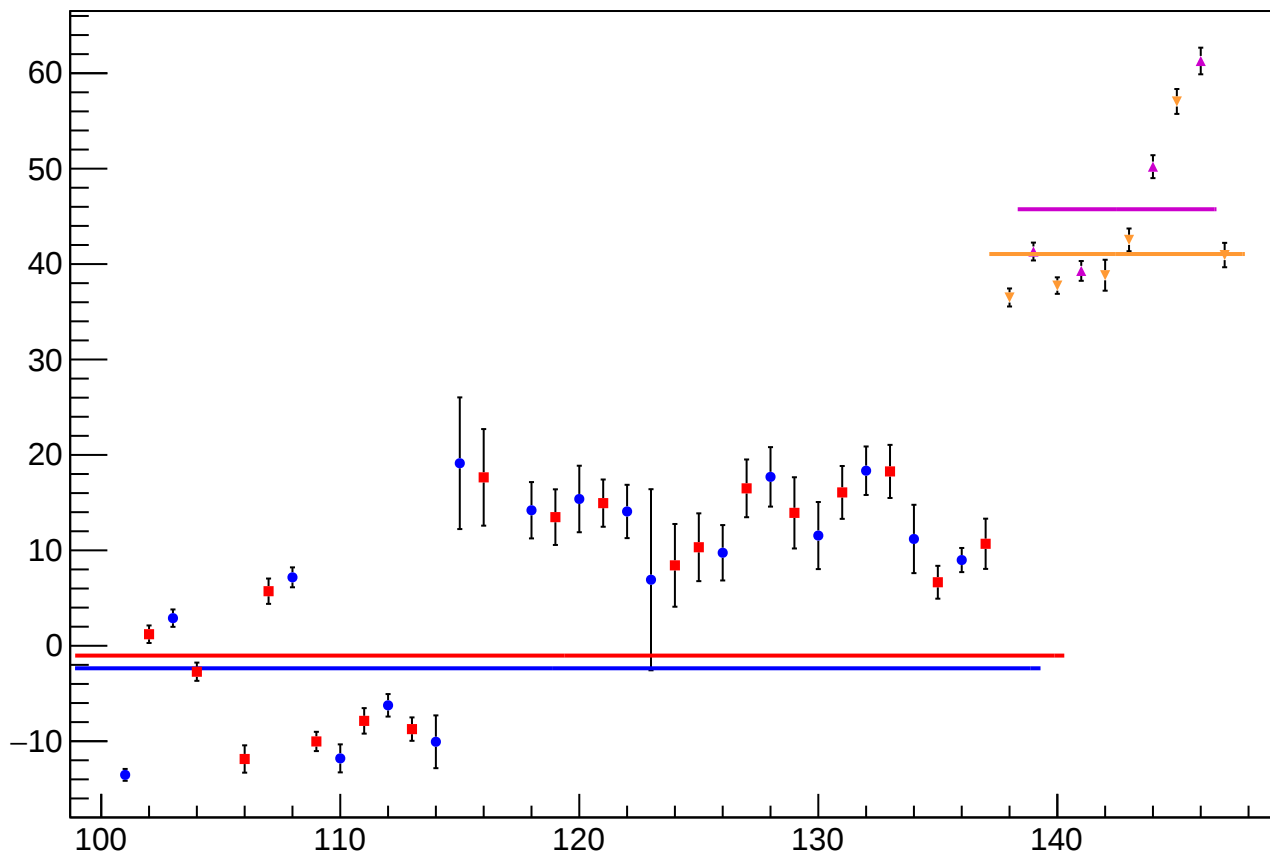
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 51.877 $\pm$ 0.189 χ^2 /NDF:2218.9/20

Out: 51.212 $\pm$ 0.186 χ^2 /NDF:1264.4/23

All: 51.539 $\pm$ 0.133 χ^2 /NDF: 3489.6/44

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 41.054 ± 0.459 $\chi^2/\text{NDF}: 191.4/5$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 45.746 ± 0.552 $\chi^2/\text{NDF}: 199.0/3$

Left: 42.971 ± 0.353 $\chi^2/\text{NDF}: 433.1/9$

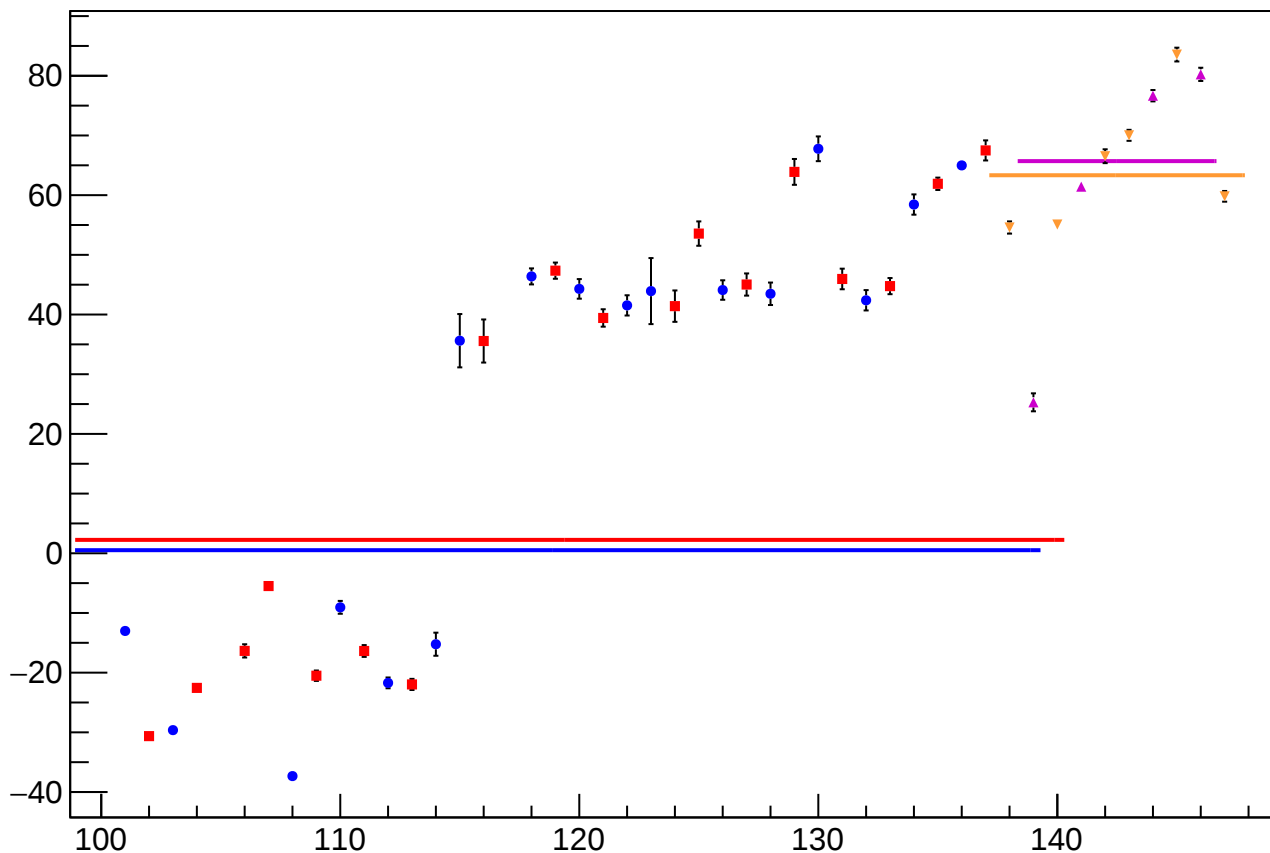
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 12.211 ± 0.304 $\chi^2/\text{NDF}: 6323.2/20$

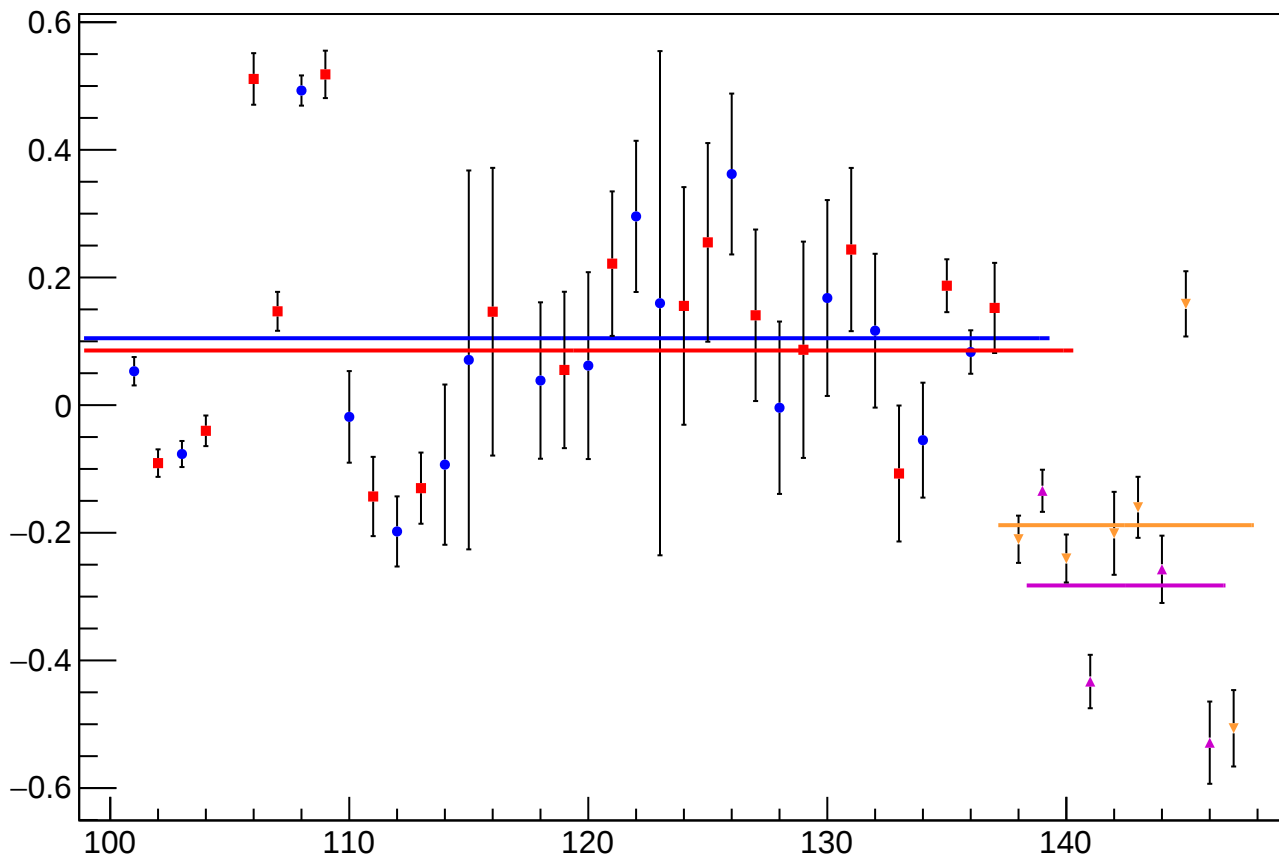
Out: 16.093 ± 0.293 $\chi^2/\text{NDF}: 5682.1/23$

All: 14.224 ± 0.211 $\chi^2/\text{NDF}: 12089.8/44$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.188 ± 0.019 $\chi^2/\text{NDF}: 76.9/5$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.283 ± 0.022 $\chi^2/\text{NDF}: 48.0/3$

Left: -0.229 ± 0.014 $\chi^2/\text{NDF}: 135.5/9$

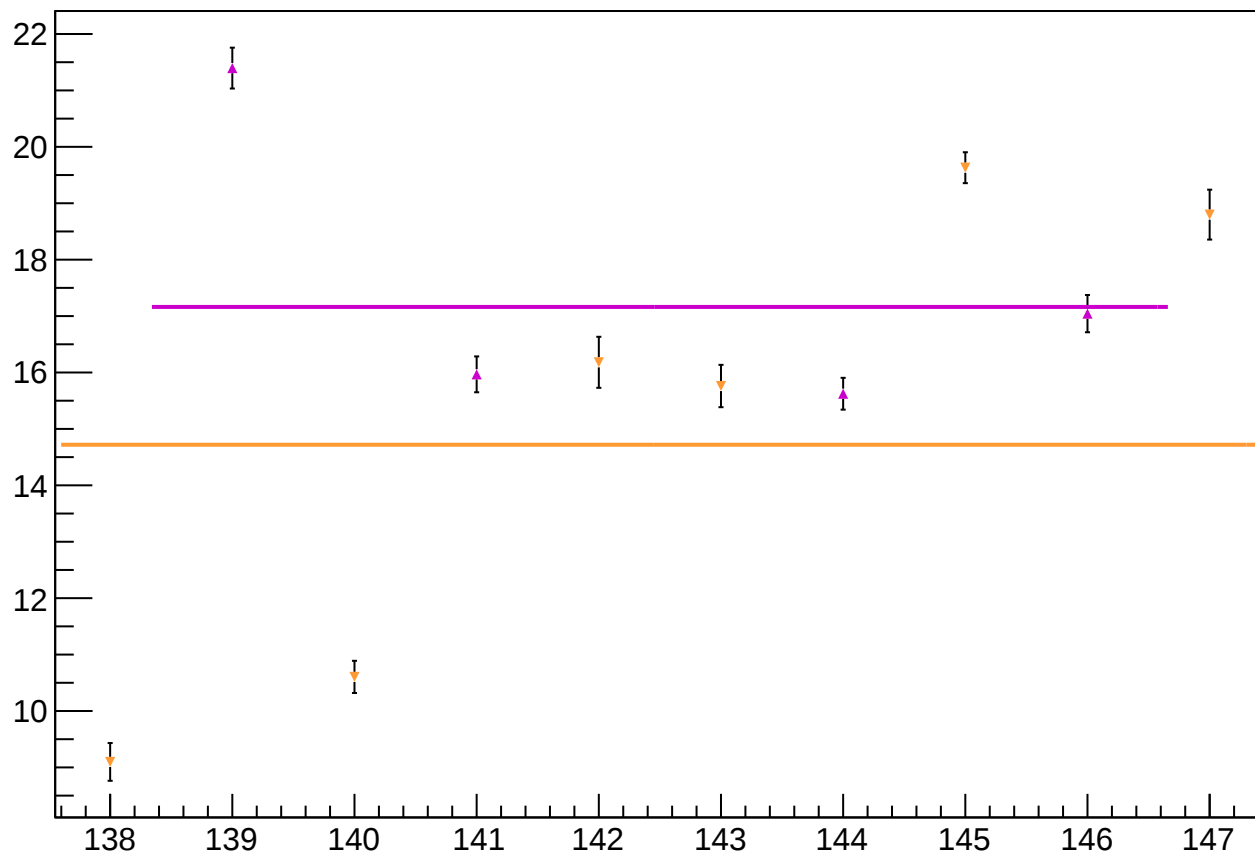
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: 0.026 ± 0.010 $\chi^2/\text{NDF}: 698.7/20$

Out: 0.016 ± 0.010 $\chi^2/\text{NDF}: 620.2/23$

All: 0.021 ± 0.007 $\chi^2/\text{NDF}: 1319.5/44$

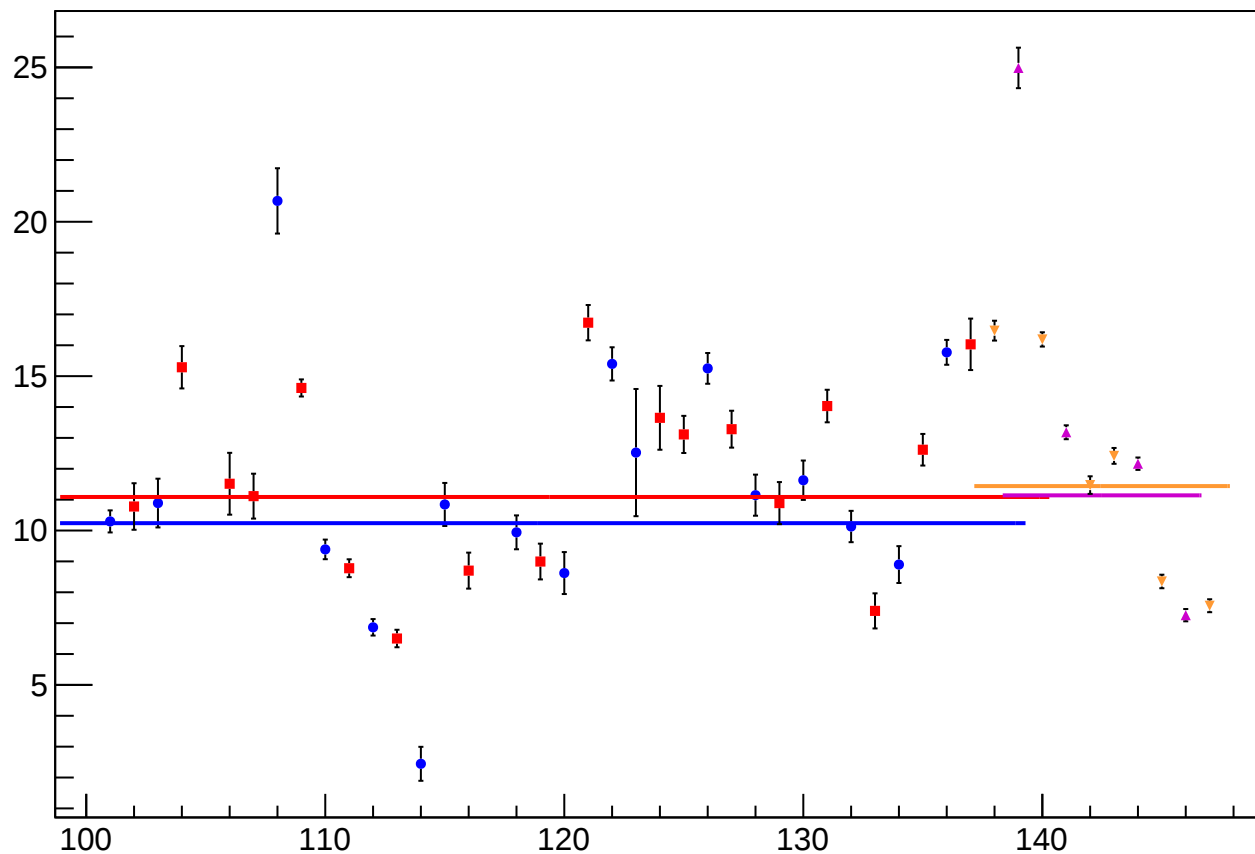
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.720 $\pm$ 0.139 χ^2 /NDF:914.5/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 17.162 $\pm$ 0.160 χ^2 /NDF:180.8/3

Left: 15.775 $\pm$ 0.105 χ^2 /NDF: 1228.5/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 17.162 $\pm$ 0.160 χ^2 /NDF:180.8/3
 Out: 14.720 $\pm$ 0.139 χ^2 /NDF:914.5/5
 All: 15.775 $\pm$ 0.105 χ^2 /NDF: 1228.5/9

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: 11.139+/-0.118 χ^2/NDF :933.7/3

Left: 11.313+/-0.076 χ^2/NDF : 2159.0/9

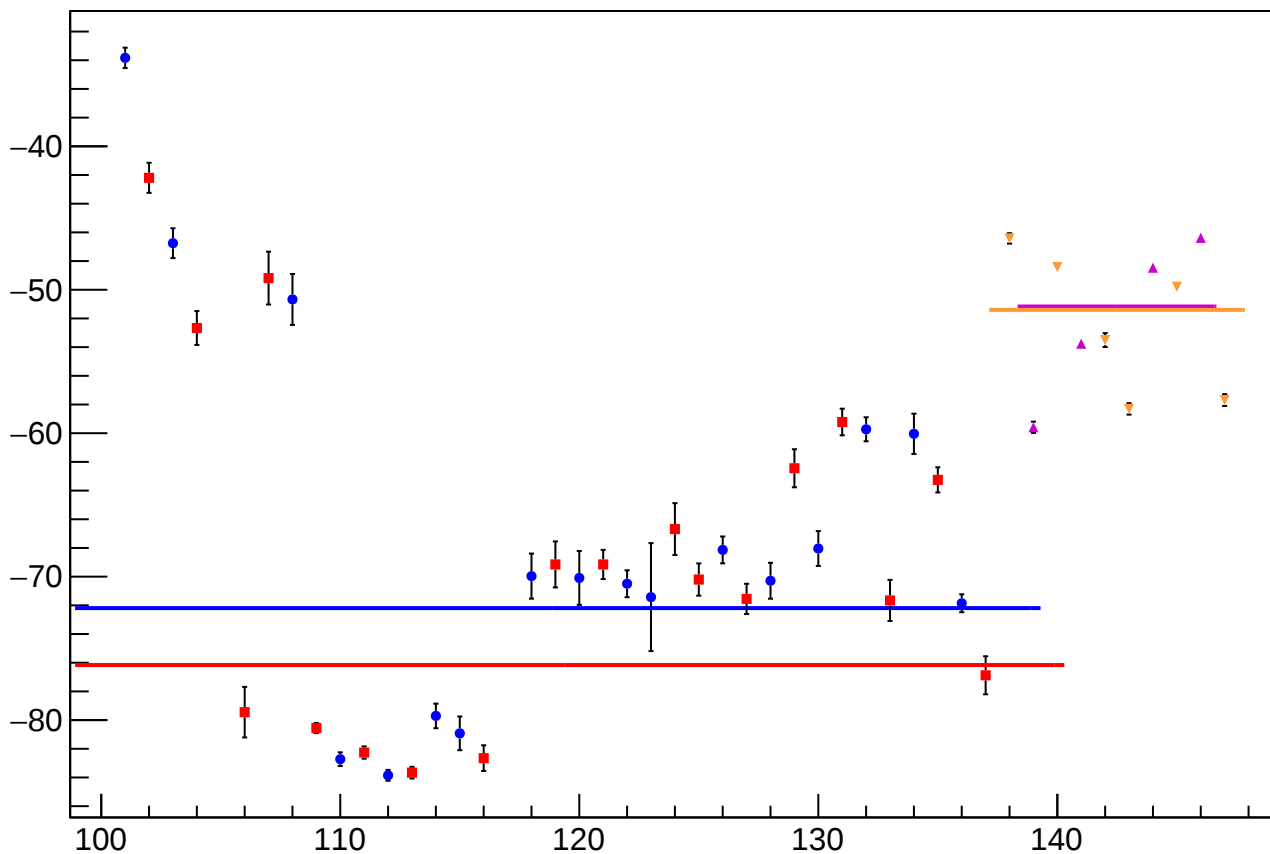
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.694+/-0.084 χ^2/NDF :1830.0/20

Out: 11.289+/-0.076 χ^2/NDF :2027.8/23

All: 11.021+/-0.056 χ^2/NDF : 3885.6/44

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: -51.169 ± 0.166 $\chi^2/\text{NDF}: 829.8/3$

Left: -51.300 ± 0.110 $\chi^2/\text{NDF}: 1694.4/9$

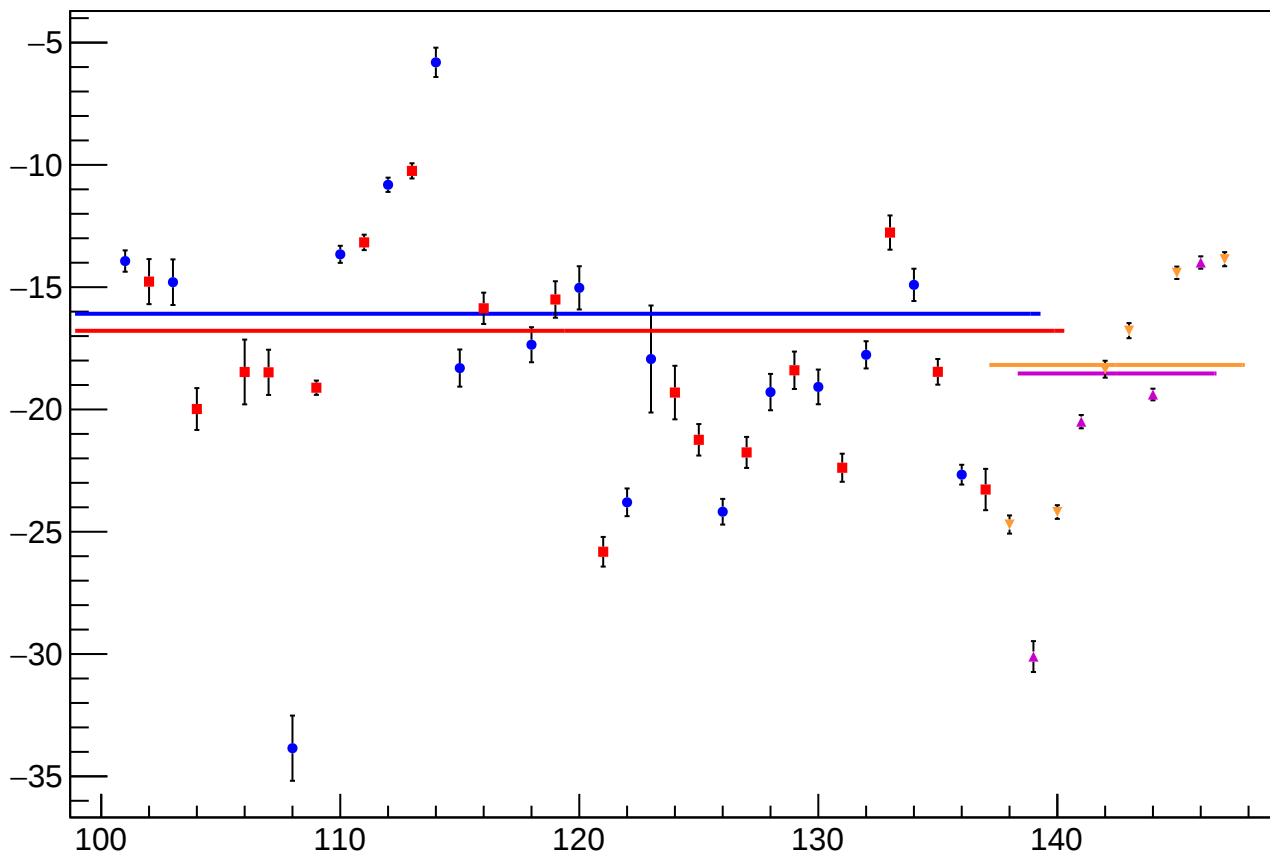
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -59.849 ± 0.127 $\chi^2/\text{NDF}: 13002.5/20$

Out: -61.198 ± 0.114 $\chi^2/\text{NDF}: 15366.5/23$

All: -60.598 ± 0.085 $\chi^2/\text{NDF}: 28431.3/44$

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: -18.528 ± 0.142 χ^2/NDF : 722.6/3

Left: -18.328 ± 0.093 χ^2/NDF : 1960.6/9

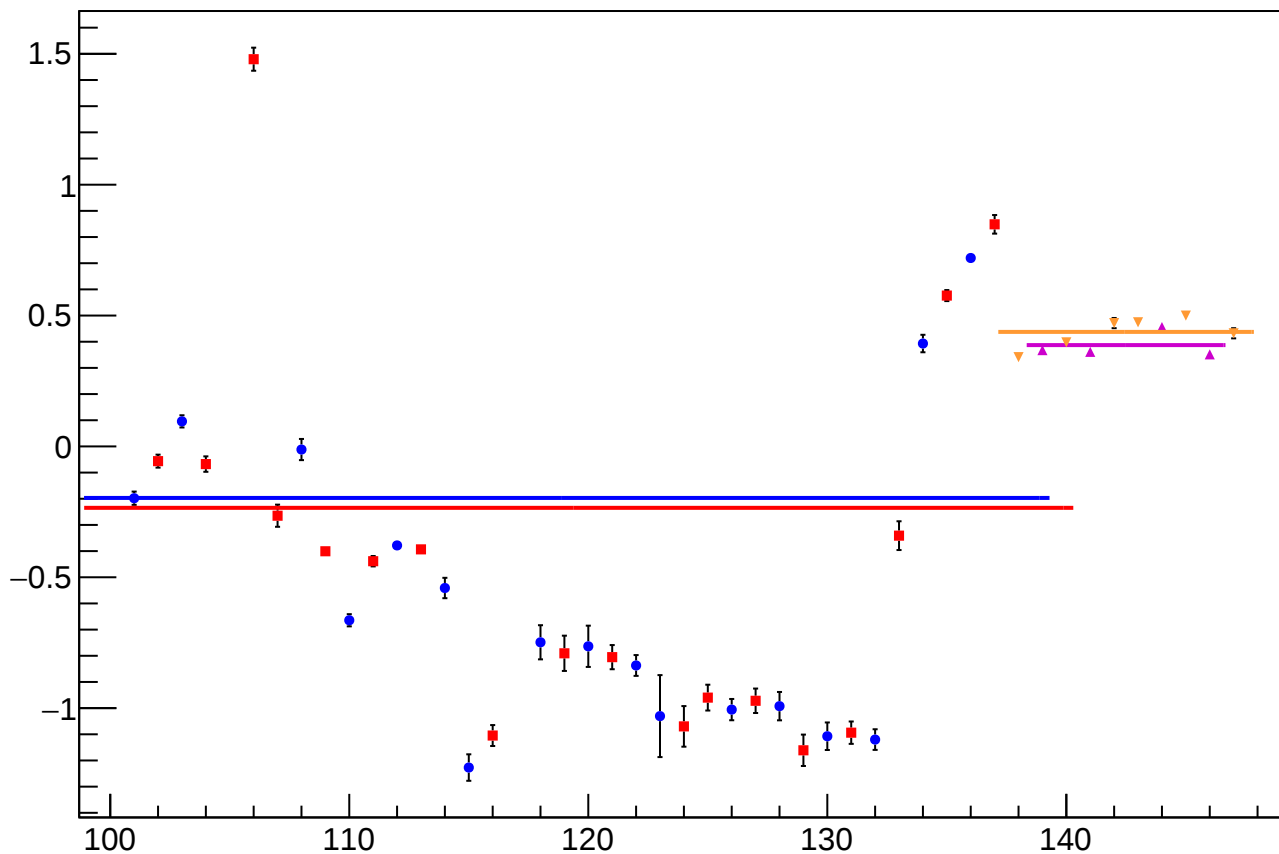
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.219 ± 0.097 χ^2/NDF : 2501.9/20

Out: -17.512 ± 0.089 χ^2/NDF : 2500.8/23

All: -17.378 ± 0.065 χ^2/NDF : 5007.7/44

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.438 ± 0.006 χ^2/NDF : 91.5/5

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.387 ± 0.007 χ^2/NDF : 39.0/3

Left: 0.416 ± 0.005 χ^2/NDF : 160.6/9

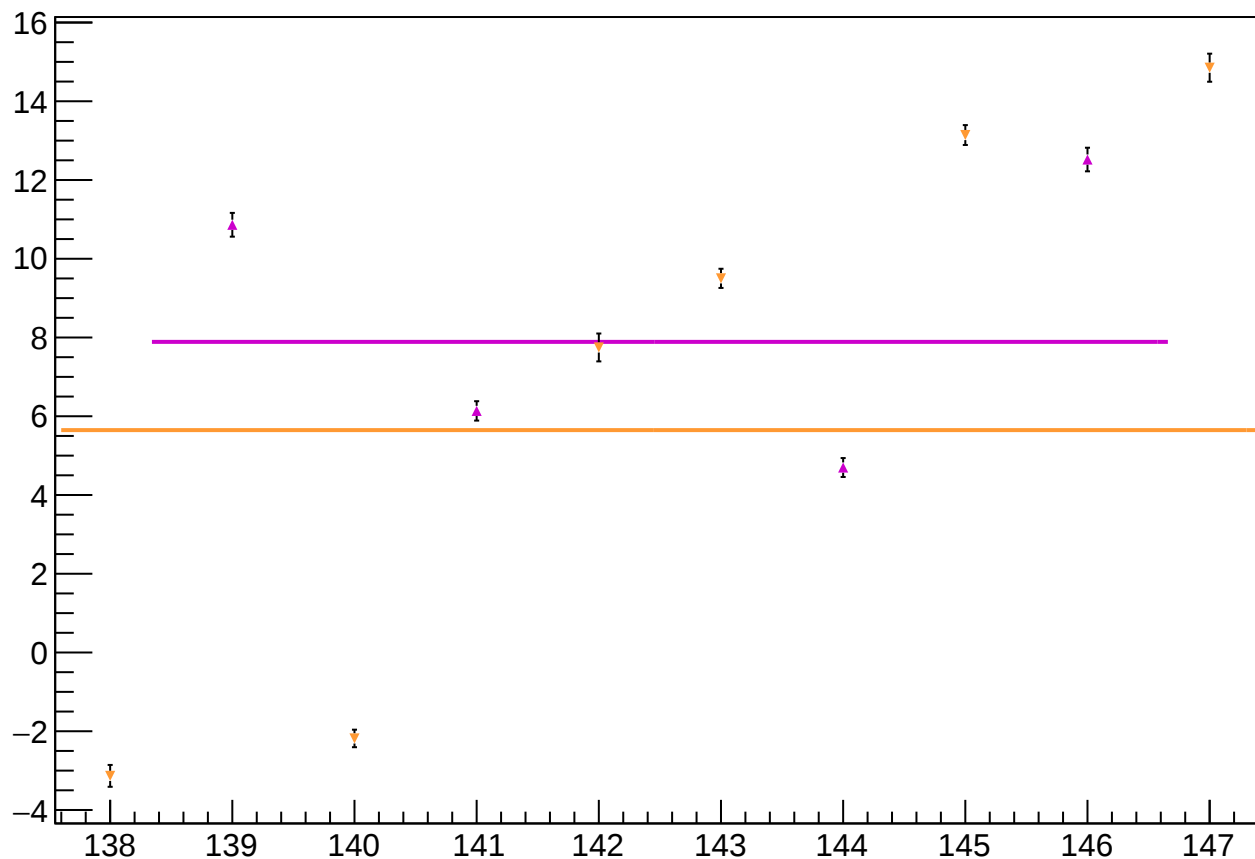
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.121 ± 0.005 χ^2/NDF : 9629.5/20

Out: 0.158 ± 0.005 χ^2/NDF : 11409.6/23

All: 0.142 ± 0.003 χ^2/NDF : 21068.1/44

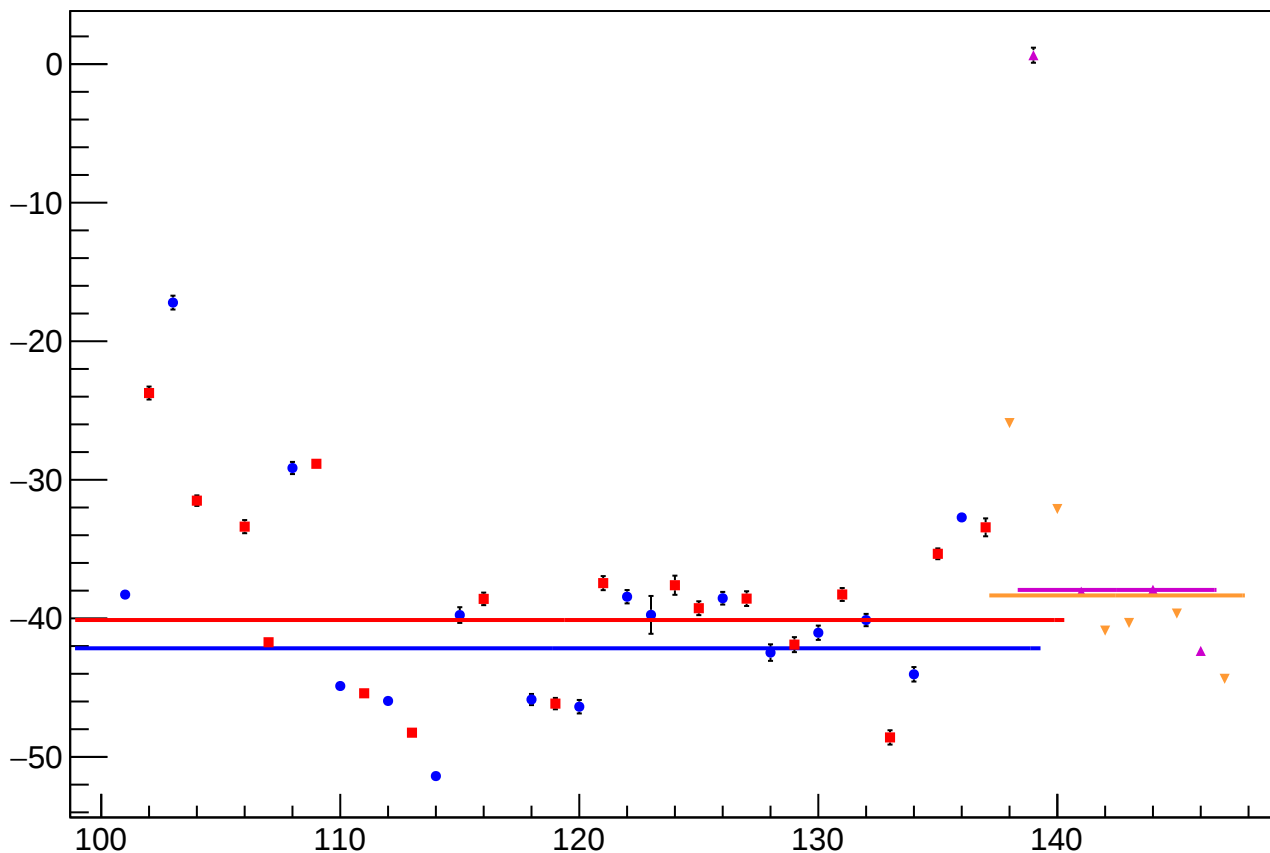
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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: 7.889+/-0.134 χ^2/NDF : 562.6/3

Left: 6.559+/-0.085 χ^2/NDF : 4800.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.889+/-0.134 χ^2/NDF : 562.6/3
 Out: 5.648+/-0.111 χ^2/NDF : 4071.4/5
 All: 6.559+/-0.085 χ^2/NDF : 4800.6/9

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2 /NDF: 6570.6/16

Left Out: -38.346 $\pm$ 0.079 χ^2 /NDF:4889.7/5

Right Out: -40.120 $\pm$ 0.073 χ^2 /NDF: 10884.6/17

Left In: -37.947 $\pm$ 0.101 χ^2 /NDF:5577.7/3

Left: -38.193 $\pm$ 0.062 χ^2 /NDF: 10477.1/9

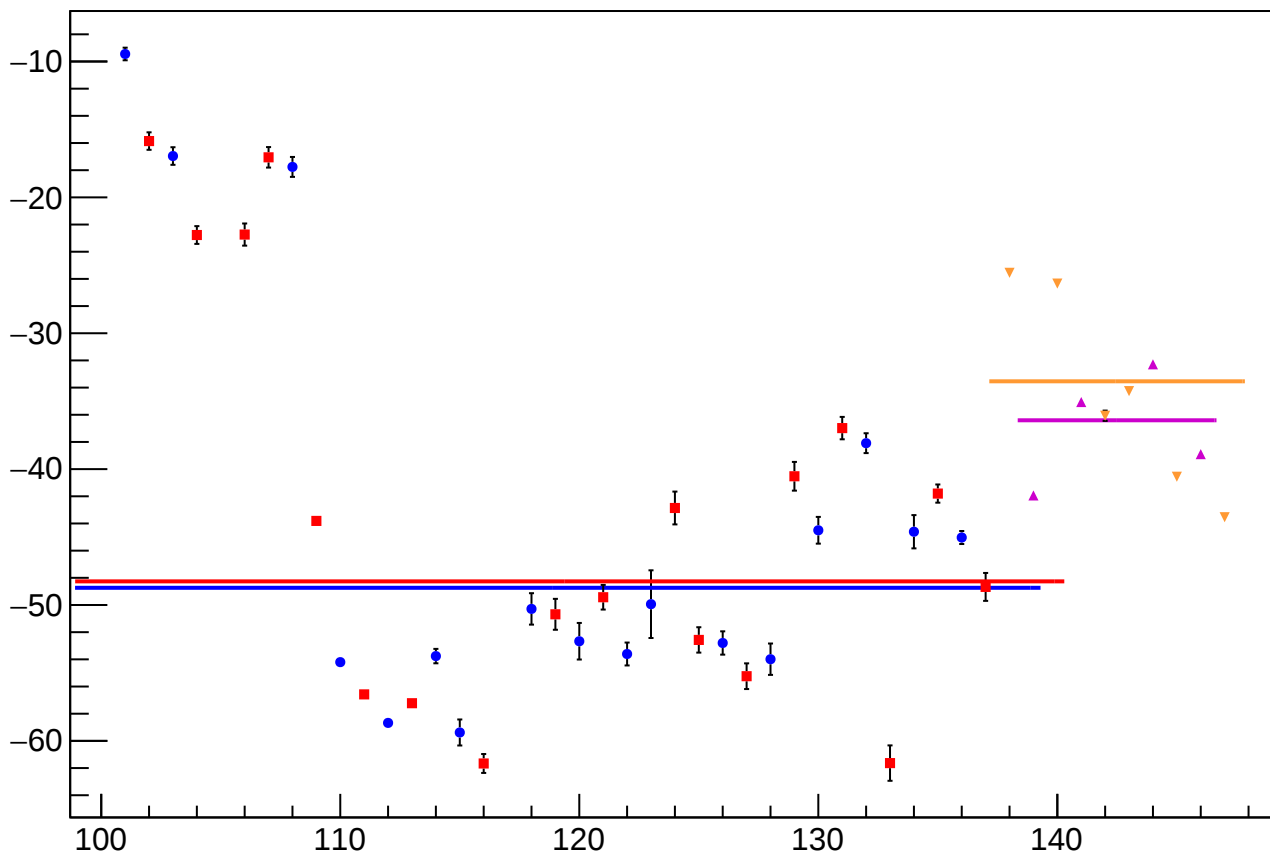
Right: -41.071 $\pm$ 0.053 χ^2 /NDF: 17821.0/34

In: -40.579 $\pm$ 0.062 χ^2 /NDF:13245.5/20

Out: -39.309 $\pm$ 0.054 χ^2 /NDF:16045.4/23

All: -39.857 $\pm$ 0.040 χ^2 /NDF: 29532.7/44

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: -36.406 ± 0.140 χ^2/NDF : 644.2/3

Left: -34.714 ± 0.090 χ^2/NDF : 4157.3/9

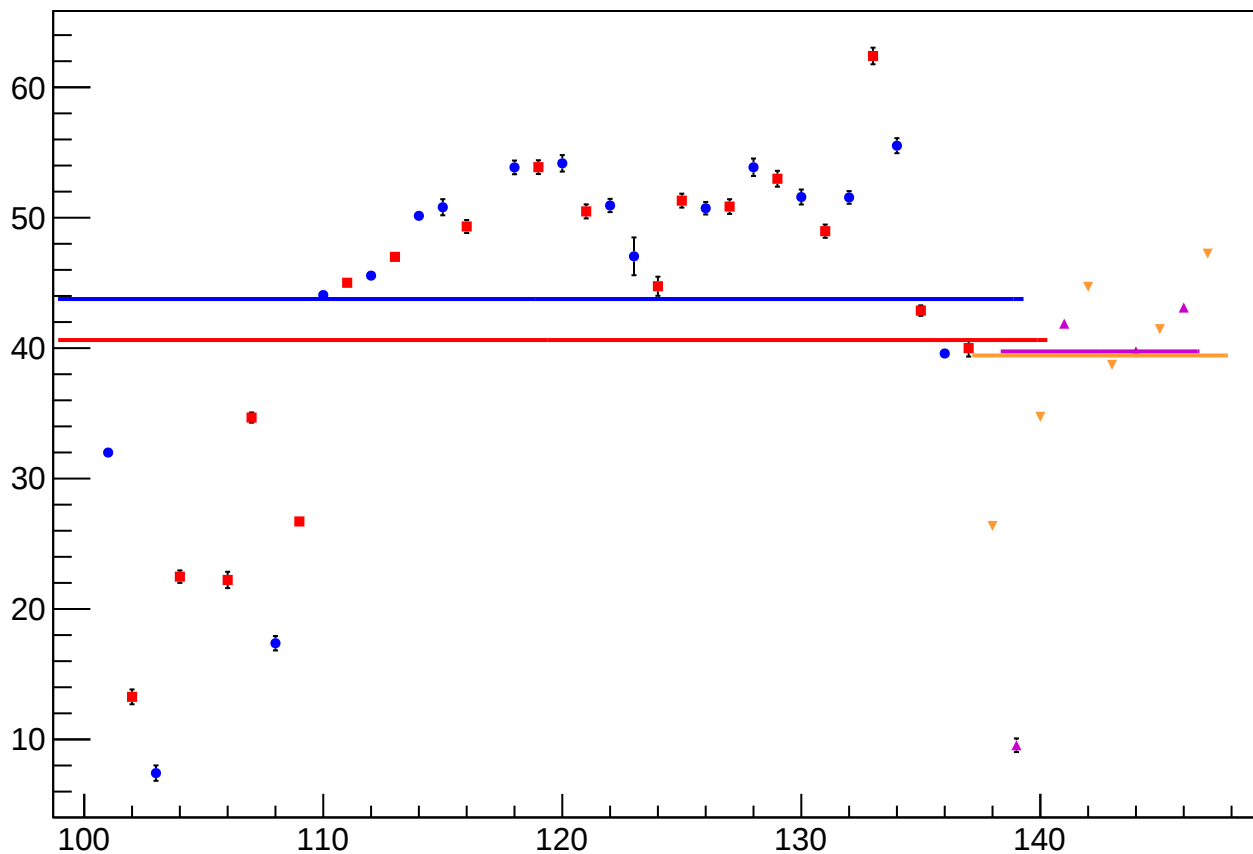
Right: -48.462 ± 0.081 χ^2/NDF : 25759.4/34

In: -43.273 ± 0.093 χ^2/NDF : 19633.3/20

Out: -41.501 ± 0.079 χ^2/NDF : 22979.0/23

All: -42.243 ± 0.060 χ^2/NDF : 42823.0/44

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 39.437 $\pm$ 0.097 χ^2 /NDF: 3816.4/5

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 39.747 $\pm$ 0.121 χ^2 /NDF: 3625.4/3

Left: 39.559 $\pm$ 0.076 χ^2 /NDF: 7445.8/9

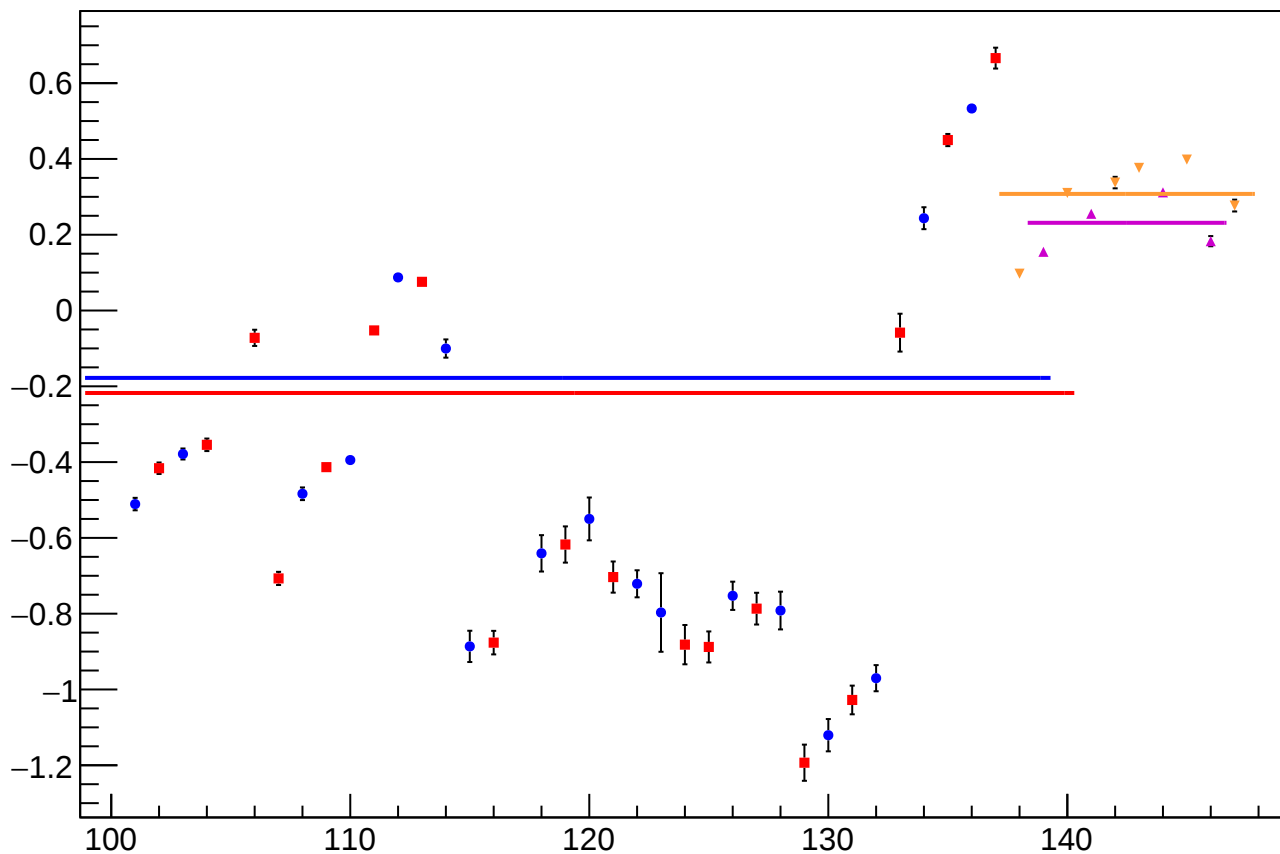
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.396 $\pm$ 0.070 χ^2 /NDF: 14990.1/20

Out: 40.140 $\pm$ 0.062 χ^2 /NDF: 20862.0/23

All: 41.122 $\pm$ 0.046 χ^2 /NDF: 36431.0/44

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: 0.231 ± 0.006 χ^2/NDF : 113.5/3

Left: 0.276 ± 0.004 χ^2/NDF : 652.0/9

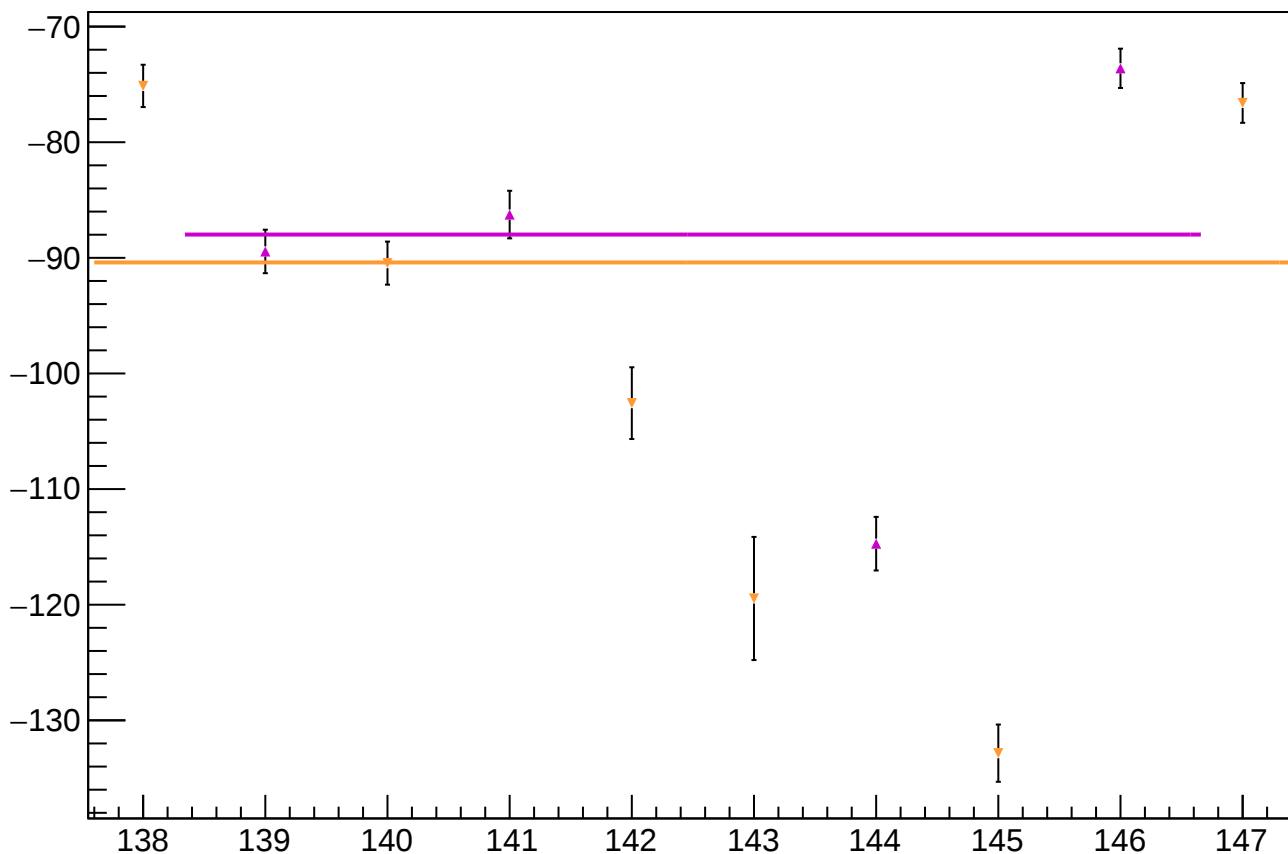
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: -0.009 ± 0.004 χ^2/NDF : 10427.0/20

Out: 0.016 ± 0.003 χ^2/NDF : 14483.7/23

All: 0.005 ± 0.002 χ^2/NDF : 24935.9/44

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: -87.986+/-0.975 χ^2/NDF :206.0/3

Left: -89.285+/-0.662 χ^2/NDF : 682.4/9

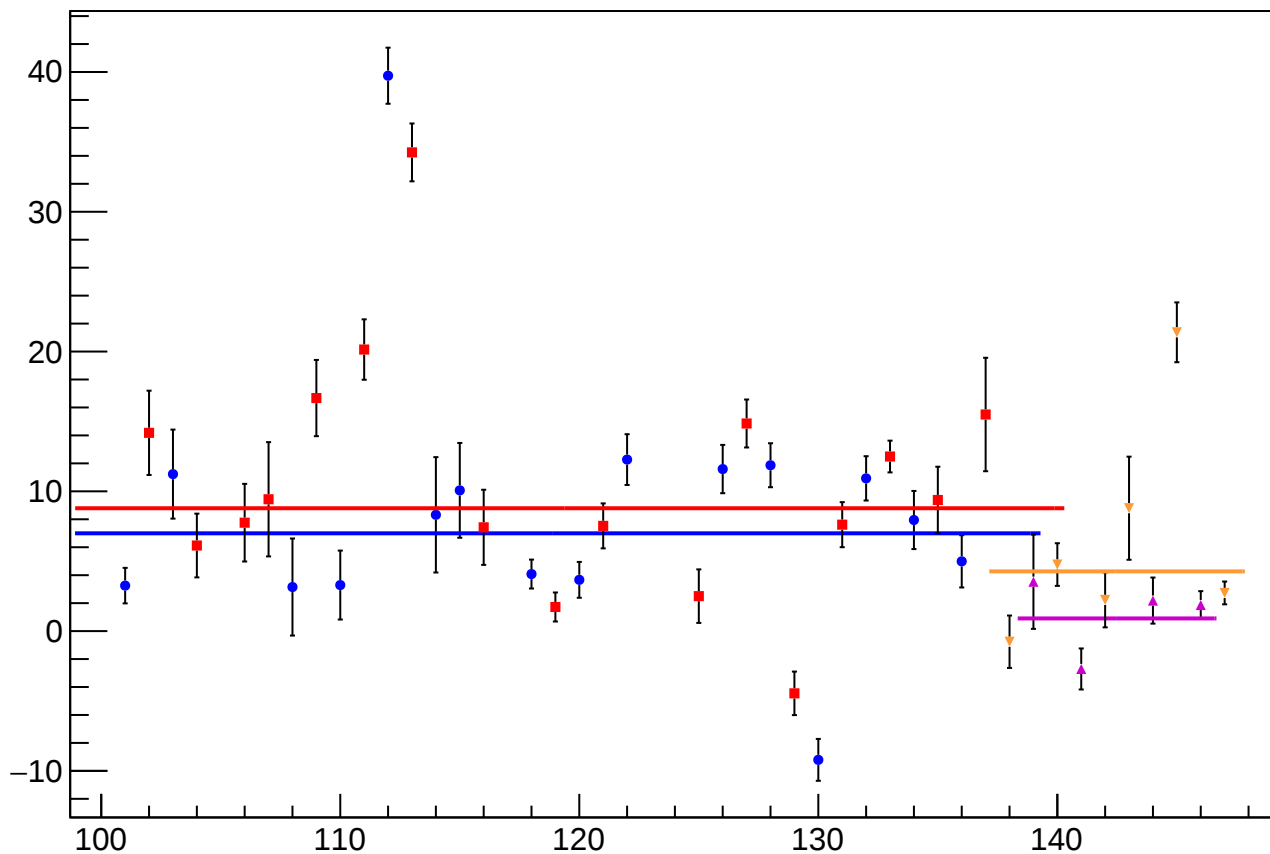
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.986+/-0.975 χ^2/NDF :206.0/3

Out: -90.399+/-0.903 χ^2/NDF :473.1/5

All: -89.285+/-0.662 χ^2/NDF : 682.4/9

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: 0.906 ± 0.719 $\chi^2/\text{NDF}: 8.2/3$

Left: 2.886 ± 0.461 $\chi^2/\text{NDF}: 98.5/9$

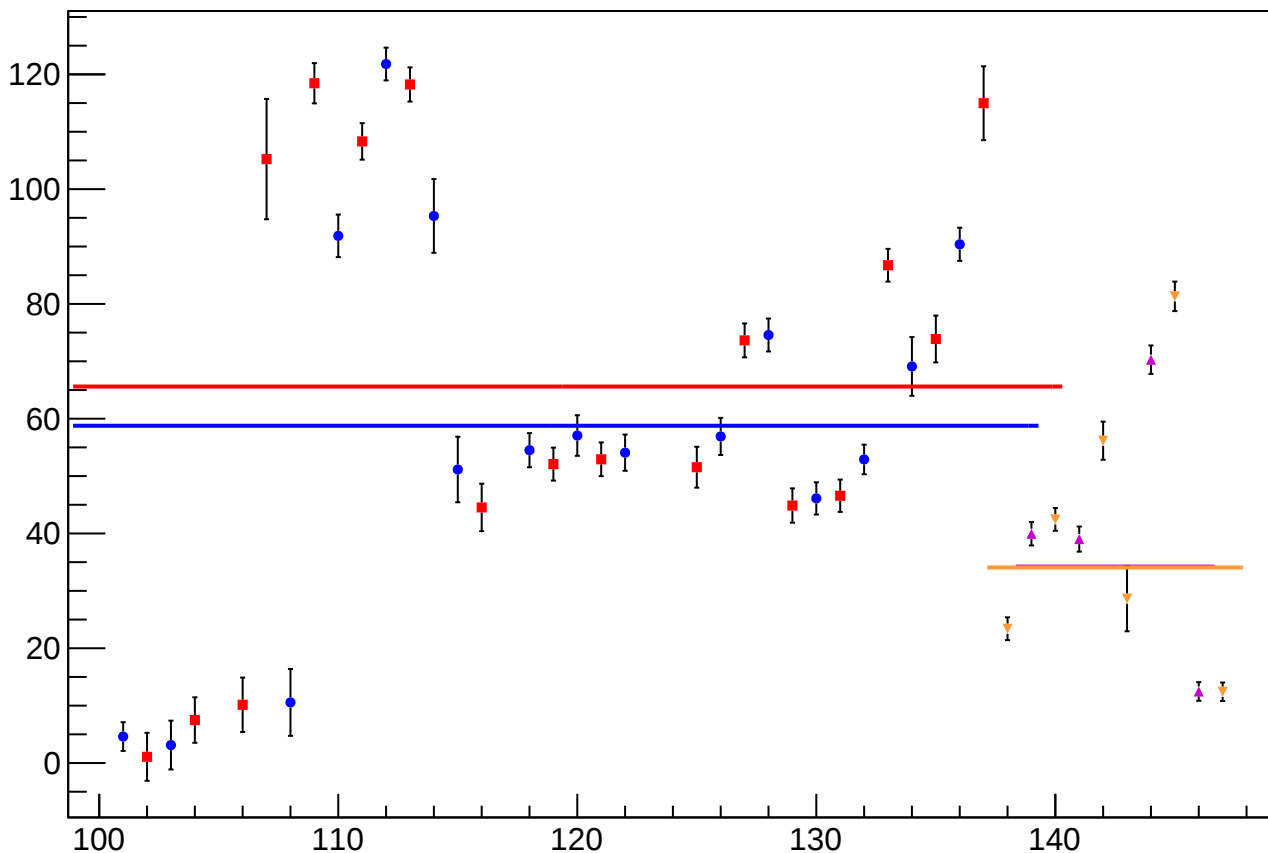
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.367 ± 0.372 $\chi^2/\text{NDF}: 506.2/19$

Out: 7.169 ± 0.360 $\chi^2/\text{NDF}: 462.5/22$

All: 6.297 ± 0.259 $\chi^2/\text{NDF}: 980.7/42$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 ± 0.833 $\chi^2/\text{NDF}: 1493.3/15$

Left Out: 34.077 ± 0.925 $\chi^2/\text{NDF}: 612.2/5$

Right Out: 65.606 ± 0.845 $\chi^2/\text{NDF}: 1625.3/16$

Left In: 34.231 ± 1.004 $\chi^2/\text{NDF}: 403.8/3$

Left: 34.148 ± 0.680 $\chi^2/\text{NDF}: 1016.0/9$

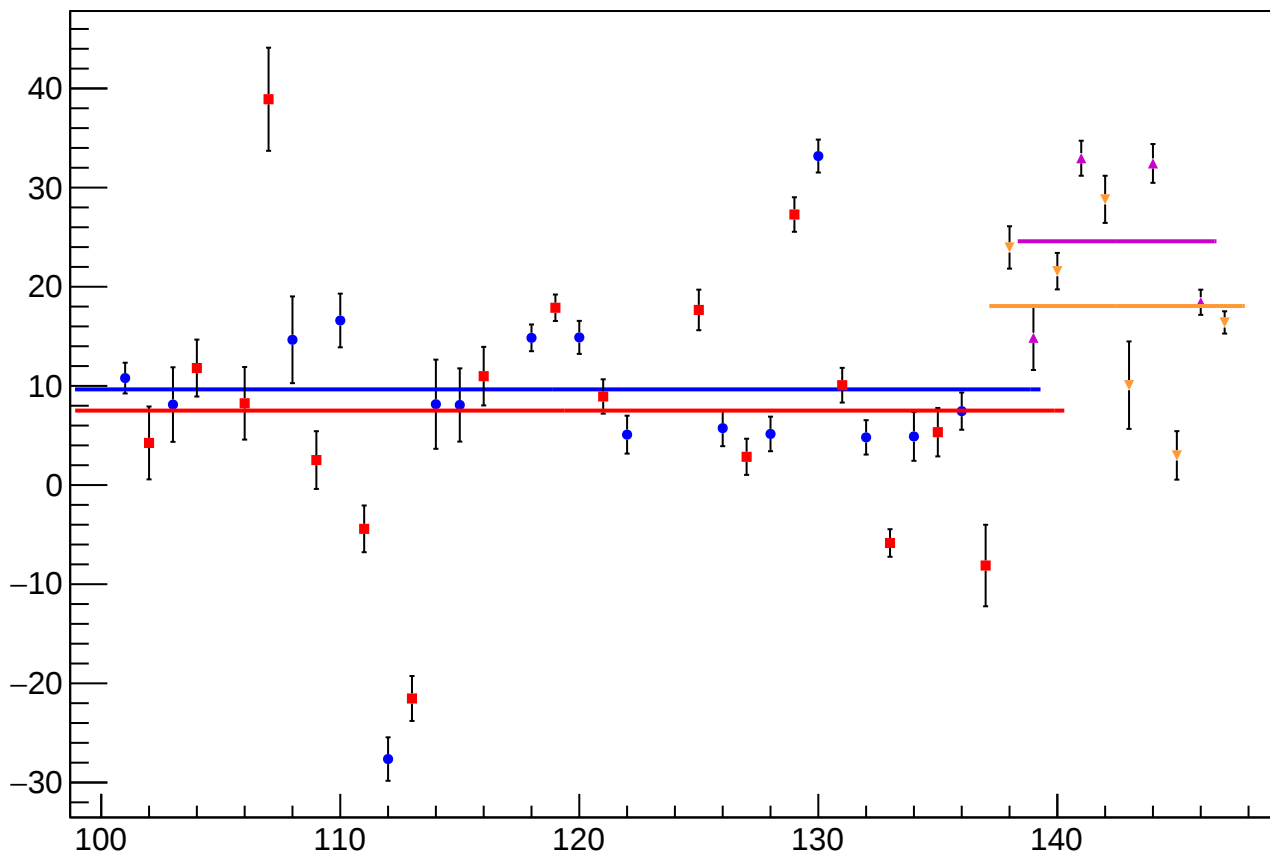
Right: 62.140 ± 0.593 $\chi^2/\text{NDF}: 3151.9/32$

In: 48.771 ± 0.641 $\chi^2/\text{NDF}: 2250.8/19$

Out: 51.264 ± 0.624 $\chi^2/\text{NDF}: 2871.3/22$

All: 50.052 ± 0.447 $\chi^2/\text{NDF}: 5129.9/42$

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.055 ± 0.766 $\chi^2/\text{NDF}: 75.1/5$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 24.586 ± 0.878 $\chi^2/\text{NDF}: 71.0/3$

Left: 20.879 ± 0.577 $\chi^2/\text{NDF}: 177.6/9$

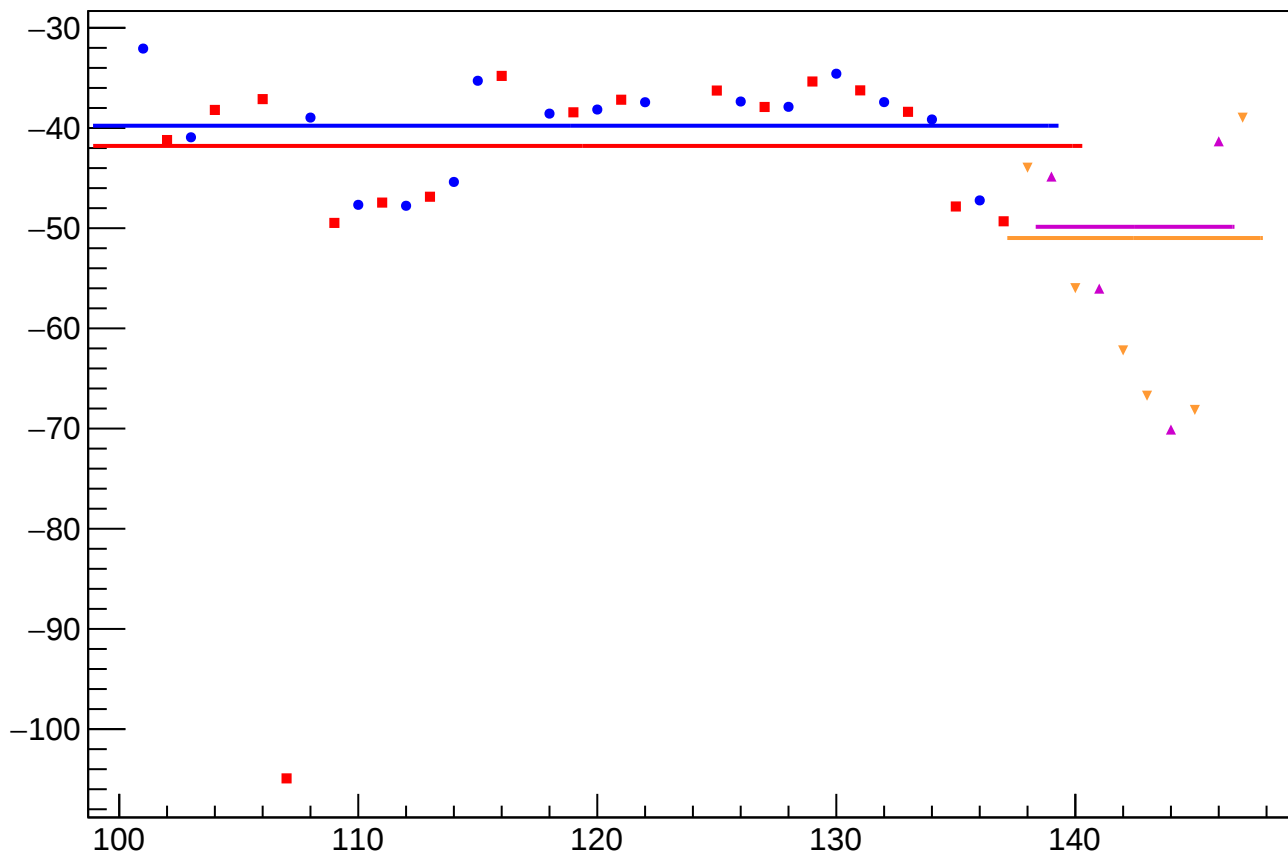
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 13.328 ± 0.436 $\chi^2/\text{NDF}: 842.7/19$

Out: 10.803 ± 0.428 $\chi^2/\text{NDF}: 769.6/22$

All: 12.044 ± 0.305 $\chi^2/\text{NDF}: 1629.4/42$

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: -49.860+/-0.041 χ^2/NDF : 57387.1/3

Left: -50.446+/-0.029 χ^2/NDF : 134775.5/9

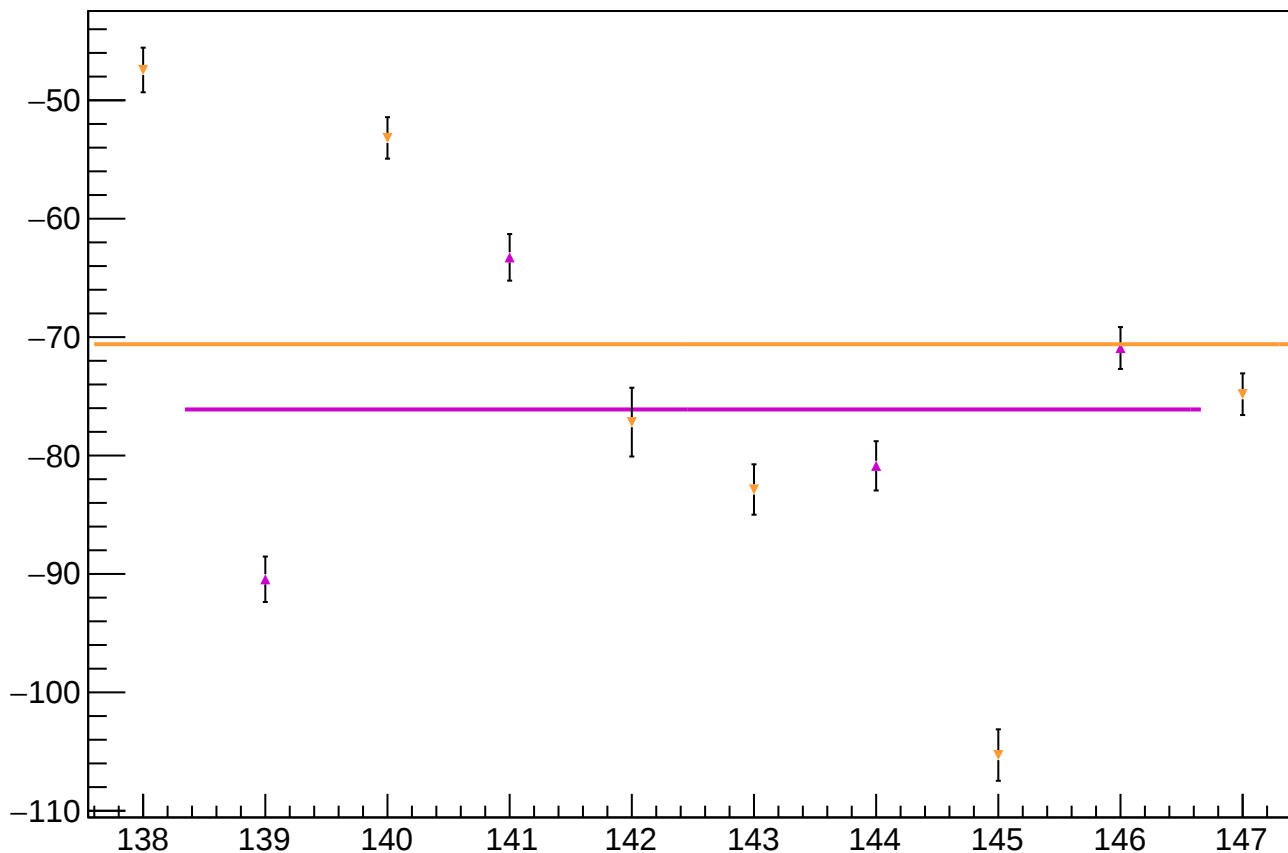
Right: -40.769+/-0.022 χ^2/NDF : 121265.0/32

In: -43.422+/-0.025 χ^2/NDF : 121631.5/19

Out: -45.360+/-0.025 χ^2/NDF : 203319.2/22

All: -44.403+/-0.017 χ^2/NDF : 328030.4/42

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -70.601+/-0.822 χ^2/NDF :548.6/5

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

Left In: -76.108+/-0.961 χ^2/NDF :112.4/3

Left: -72.926+/-0.625 χ^2/NDF : 680.0/9

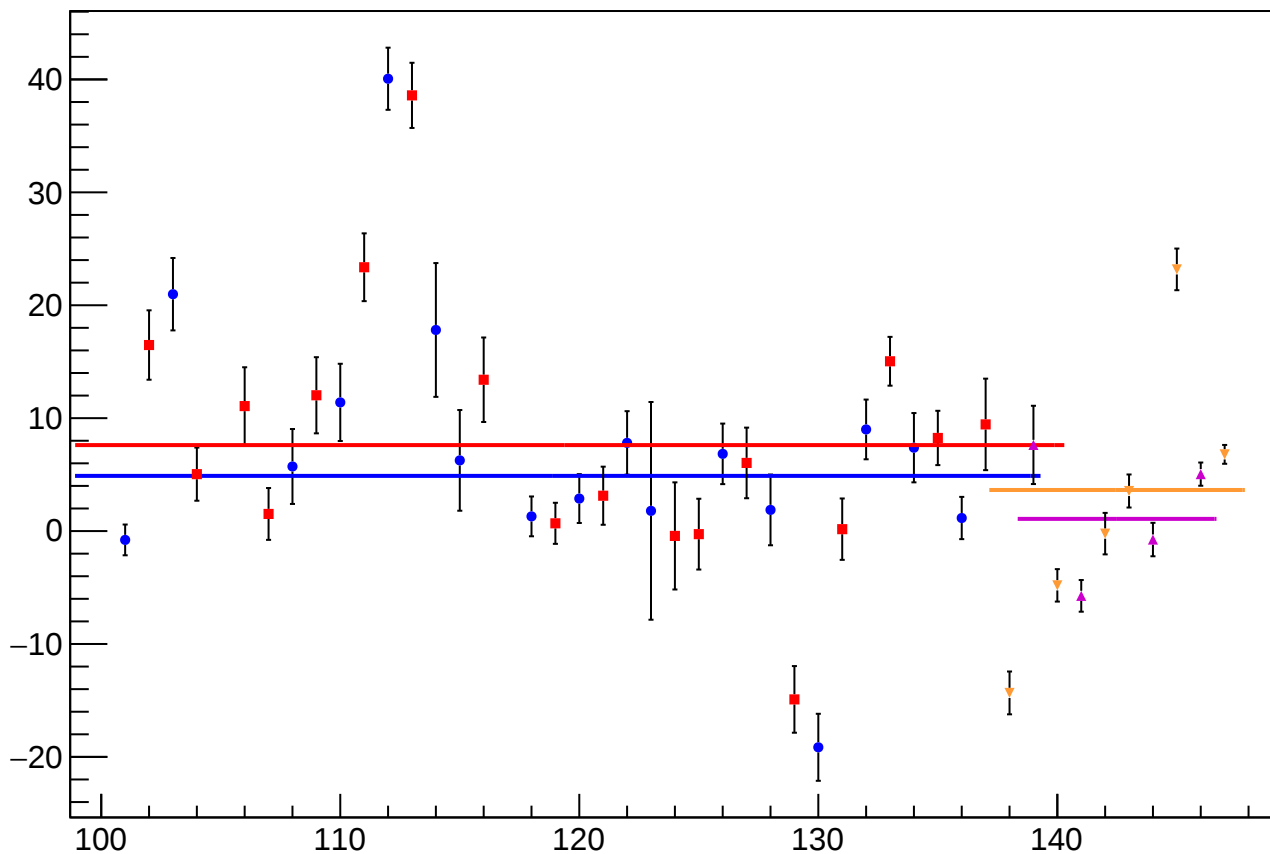
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.108+/-0.961 χ^2/NDF :112.4/3

Out: -70.601+/-0.822 χ^2/NDF :548.6/5

All: -72.926+/-0.625 χ^2/NDF : 680.0/9

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: 1.080 ± 0.708 χ^2/NDF : 43.6/3

Left: 2.667 ± 0.436 χ^2/NDF : 307.0/9

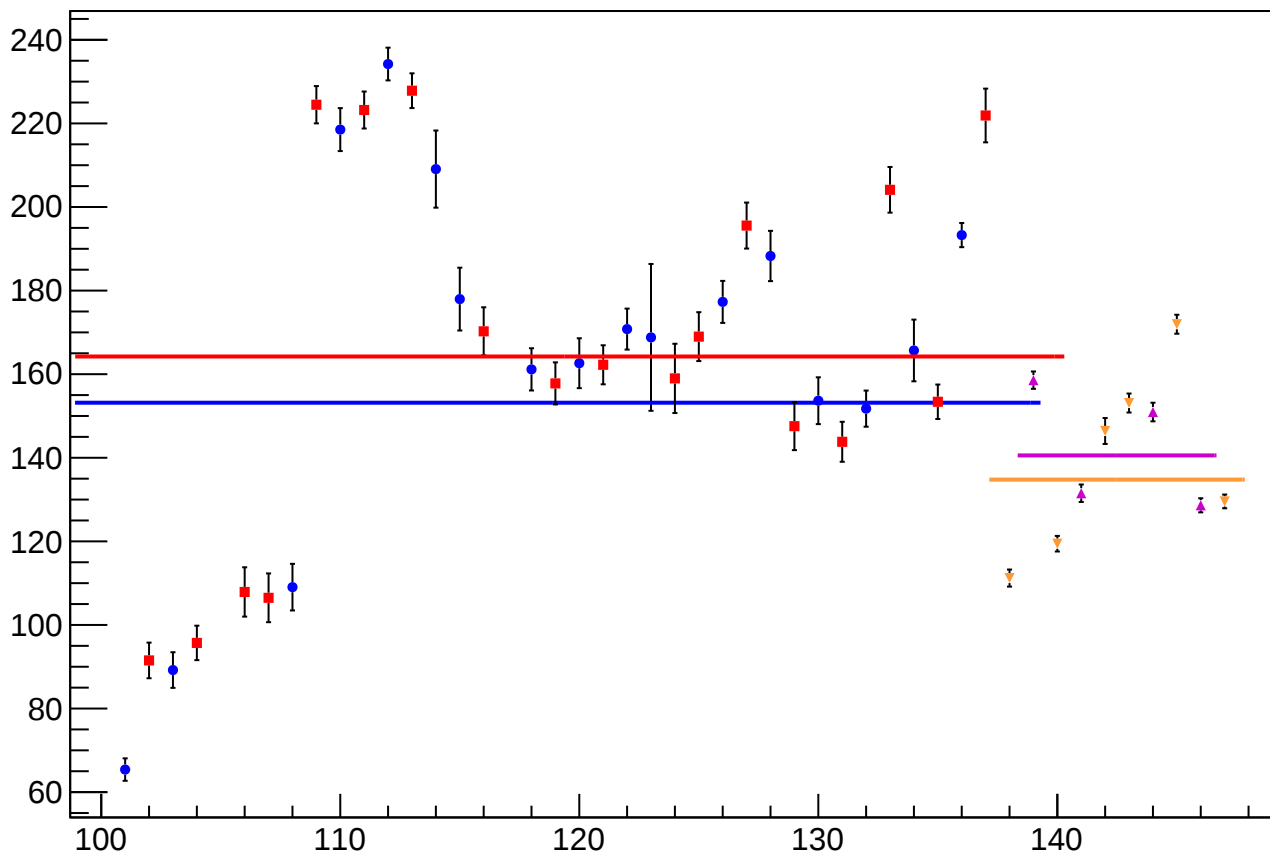
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.230 ± 0.467 χ^2/NDF : 354.6/20

Out: 5.306 ± 0.422 χ^2/NDF : 546.0/23

All: 4.373 ± 0.313 χ^2/NDF : 911.5/44

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: 140.563 $\pm$ 0.993 χ^2 /NDF:165.6/3

Left: 137.217 $\pm$ 0.645 χ^2 /NDF: 743.3/9

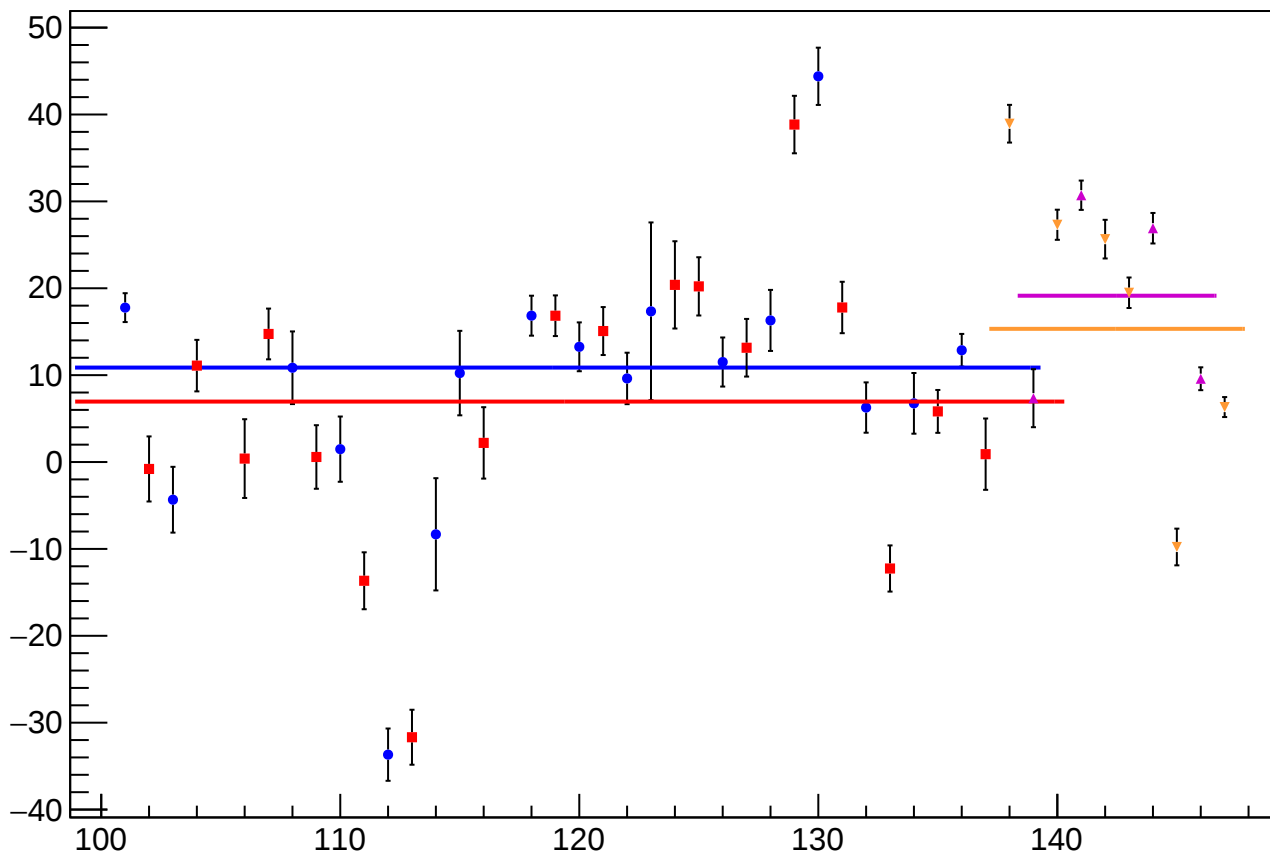
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 145.970 $\pm$ 0.751 χ^2 /NDF:2499.0/20

Out: 144.779 $\pm$ 0.690 χ^2 /NDF:2522.1/23

All: 145.324 $\pm$ 0.508 χ^2 /NDF: 5022.5/44

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: 19.142 $\pm$ 0.863 χ^2 /NDF:131.8/3

Left: 16.838 $\pm$ 0.543 χ^2 /NDF: 539.3/9

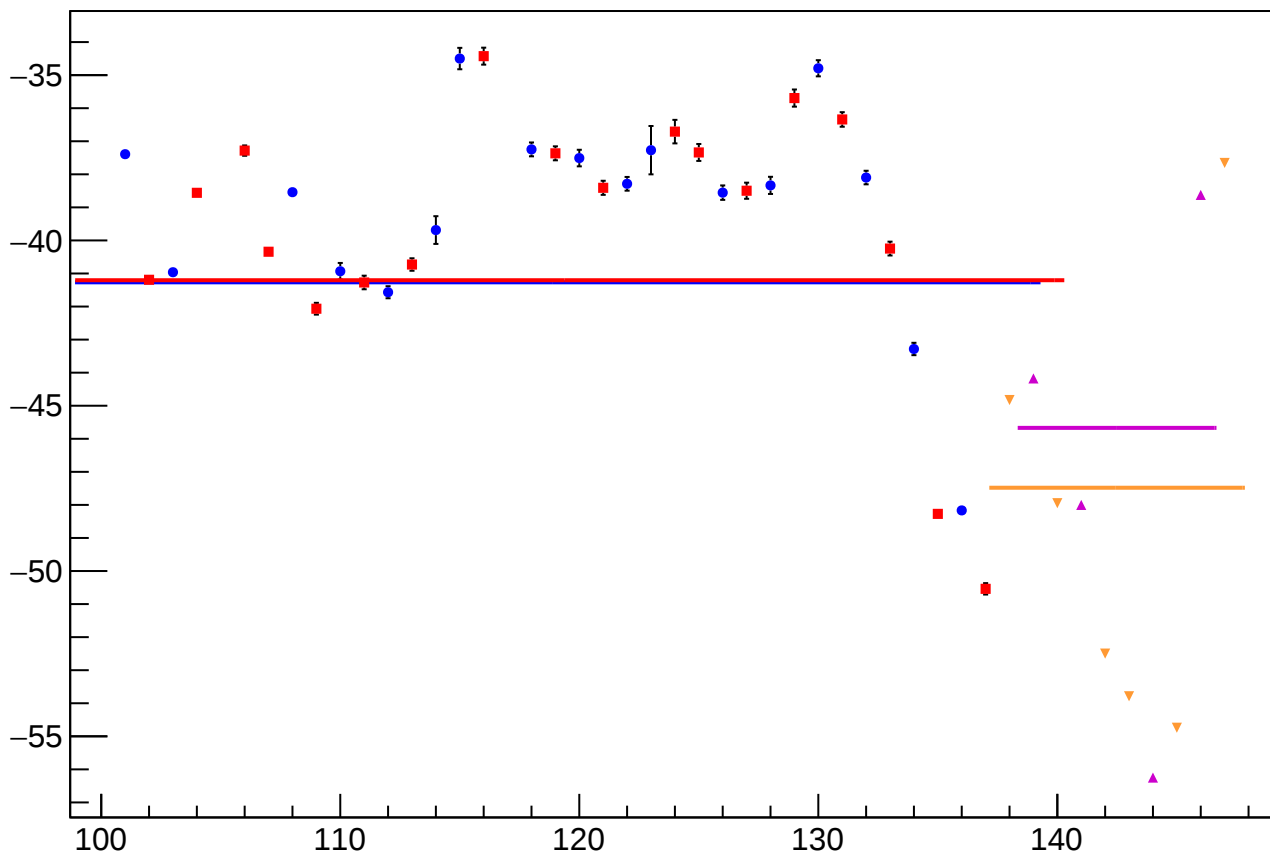
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.235 $\pm$ 0.550 χ^2 /NDF:573.0/20

Out: 11.438 $\pm$ 0.511 χ^2 /NDF:884.8/23

All: 12.733 $\pm$ 0.374 χ^2 /NDF: 1471.7/44

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -47.481 ± 0.036 $\chi^2/\text{NDF}: 30181.4/5$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -45.670 ± 0.041 $\chi^2/\text{NDF}: 21191.6/3$

Left: -46.695 ± 0.027 $\chi^2/\text{NDF}: 52481.2/9$

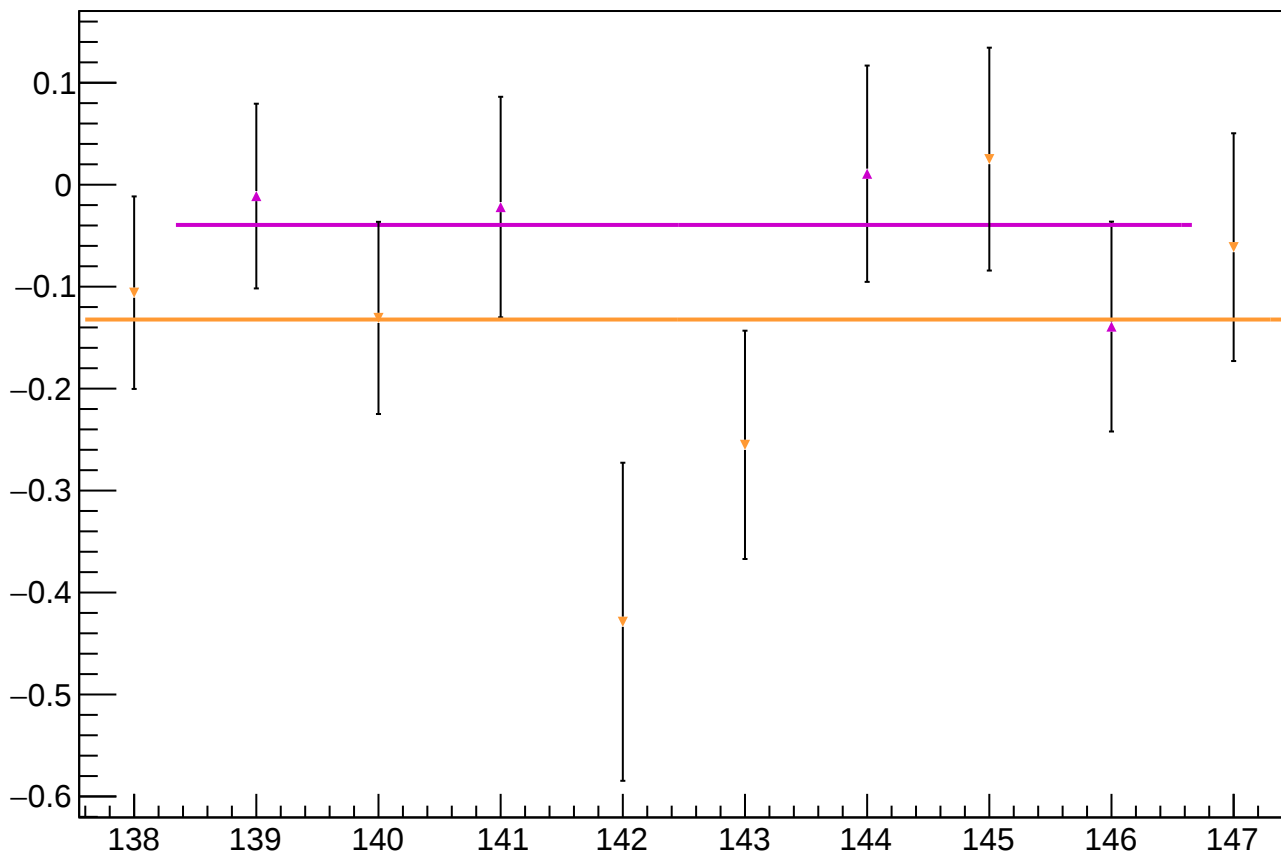
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -43.335 ± 0.028 $\chi^2/\text{NDF}: 39908.0/20$

Out: -44.596 ± 0.026 $\chi^2/\text{NDF}: 56300.8/23$

All: -44.005 ± 0.019 $\chi^2/\text{NDF}: 97282.8/44$

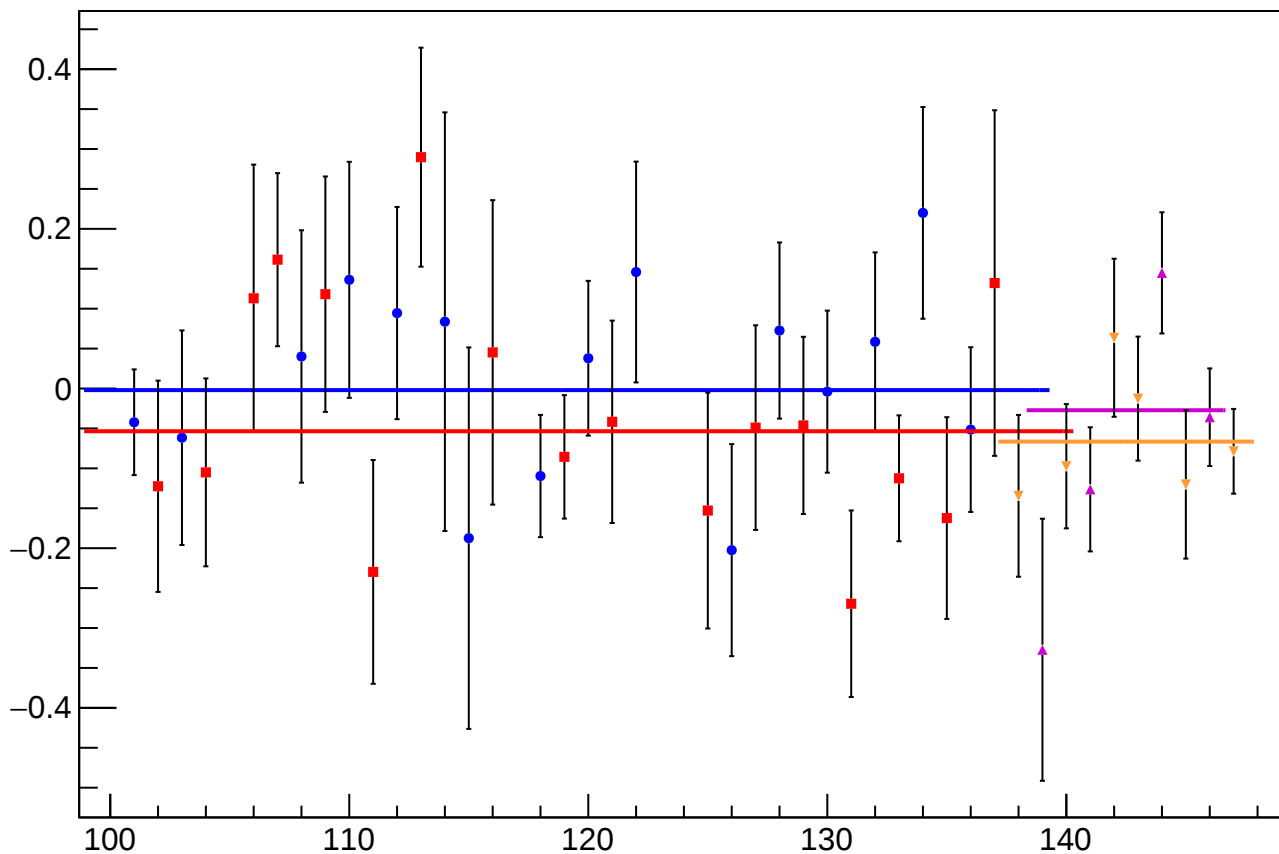
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.039+/-0.051 χ^2/NDF : 1.3/3

Left: -0.092+/-0.033 χ^2/NDF : 10.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.039+/-0.051 χ^2/NDF : 1.3/3
 Out: -0.132+/-0.044 χ^2/NDF : 7.4/5
 All: -0.092+/-0.033 χ^2/NDF : 10.6/9

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.067 ± 0.032 $\chi^2/\text{NDF}: 3.2/5$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.027 ± 0.039 $\chi^2/\text{NDF}: 10.1/3$

Left: -0.051 ± 0.025 $\chi^2/\text{NDF}: 13.9/9$

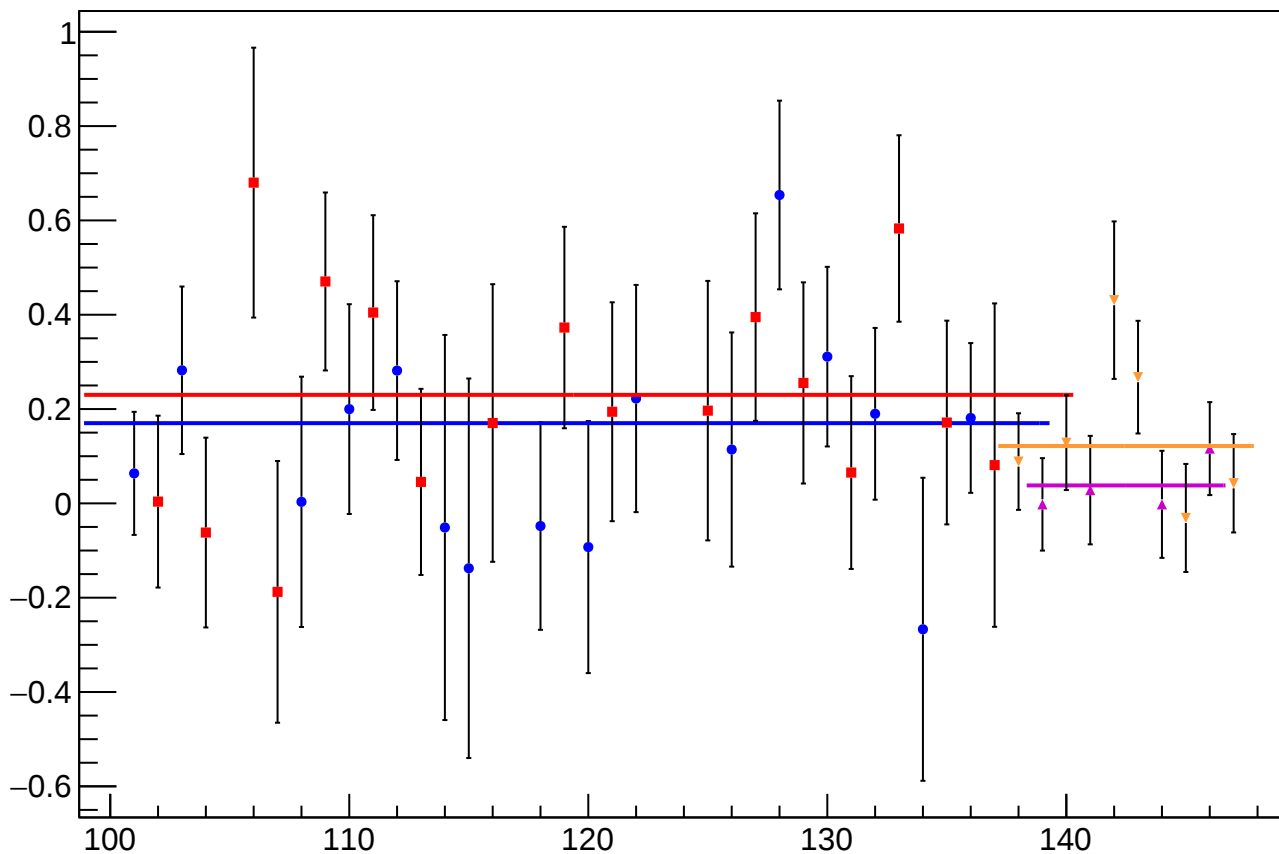
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.011 ± 0.023 $\chi^2/\text{NDF}: 22.5/19$

Out: -0.060 ± 0.021 $\chi^2/\text{NDF}: 24.2/22$

All: -0.037 ± 0.016 $\chi^2/\text{NDF}: 49.2/42$

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: 0.038 ± 0.053 $\chi^2/\text{NDF}: 0.9/3$

Left: 0.085 ± 0.035 $\chi^2/\text{NDF}: 9.7/9$

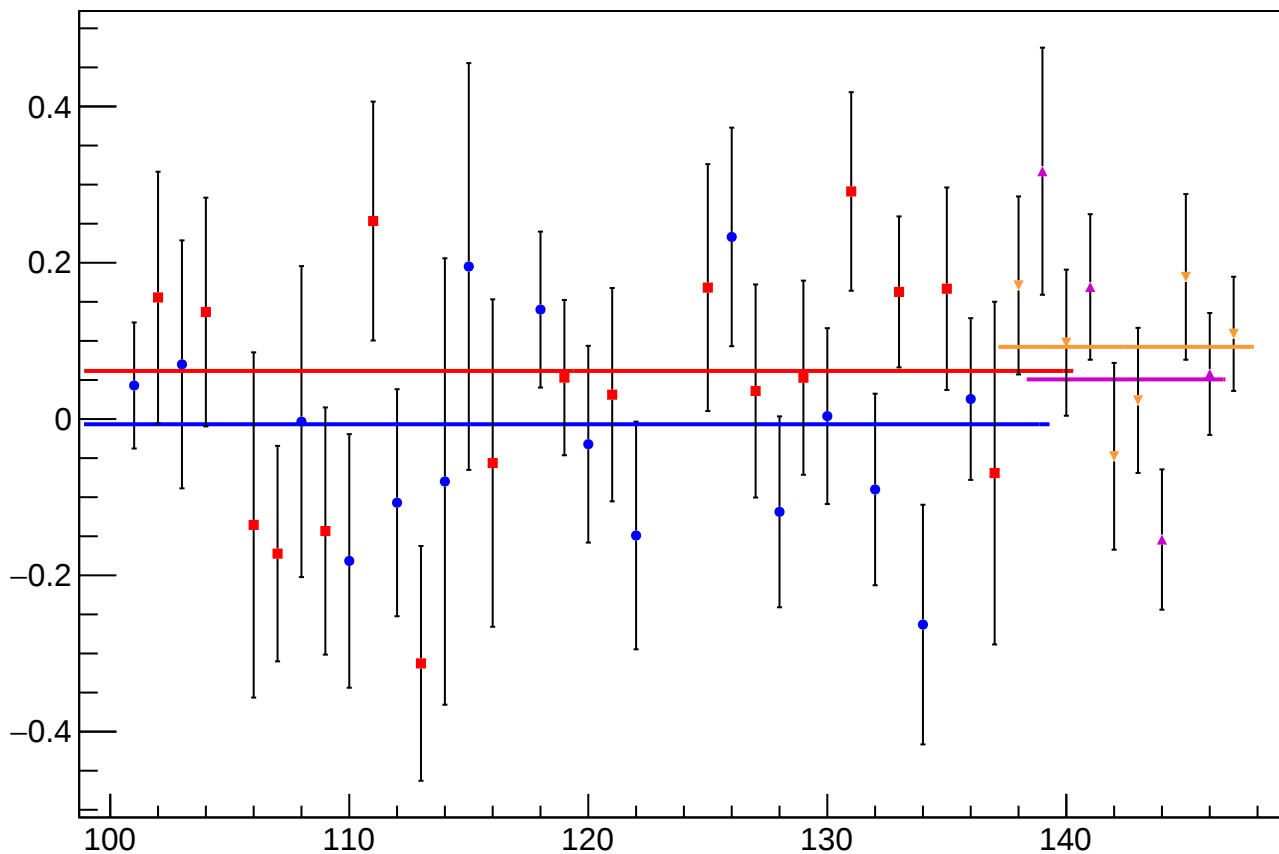
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.104 ± 0.037 $\chi^2/\text{NDF}: 17.1/19$

Out: 0.168 ± 0.035 $\chi^2/\text{NDF}: 26.5/22$

All: 0.138 ± 0.025 $\chi^2/\text{NDF}: 45.1/42$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.092 ± 0.039 χ^2/NDF : 3.2/5

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.051 ± 0.047 χ^2/NDF : 9.7/3

Left: 0.076 ± 0.030 χ^2/NDF : 13.3/9

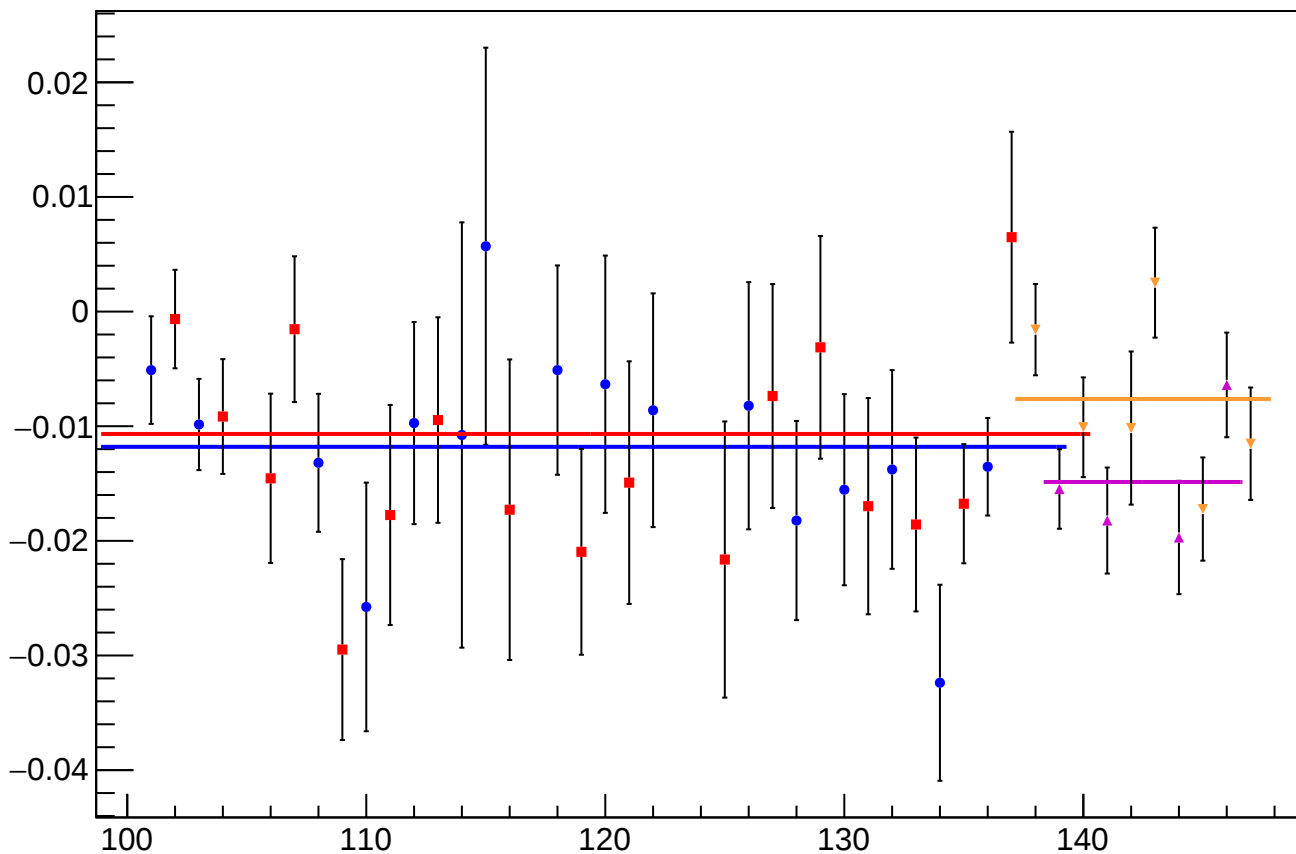
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.012 ± 0.027 χ^2/NDF : 23.9/19

Out: 0.075 ± 0.026 χ^2/NDF : 23.5/22

All: 0.045 ± 0.019 χ^2/NDF : 50.3/42

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: -0.015 ± 0.002 χ^2/NDF : 5.0/3

Left: -0.011 ± 0.001 χ^2/NDF : 23.8/9

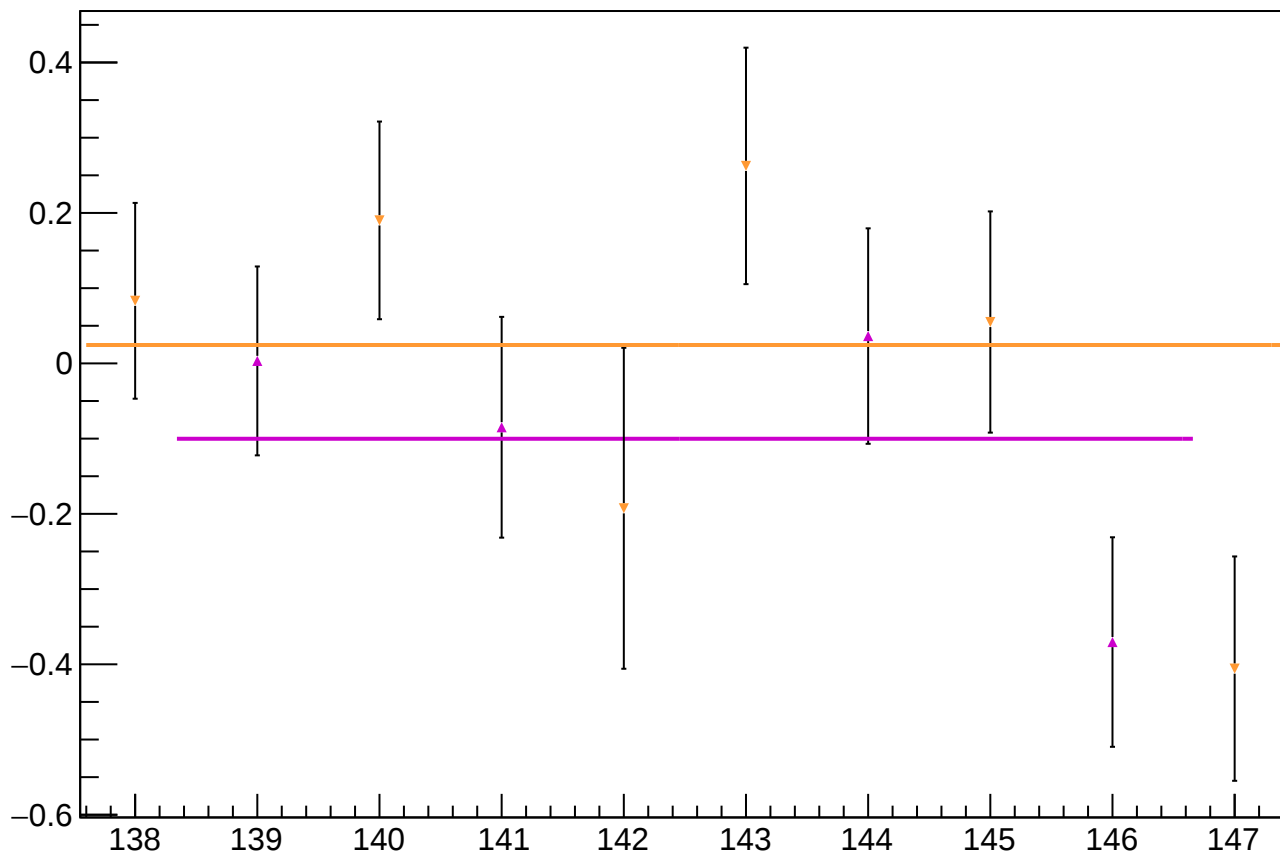
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.001 χ^2/NDF : 19.0/19

Out: -0.009 ± 0.001 χ^2/NDF : 37.6/22

All: -0.011 ± 0.001 χ^2/NDF : 60.6/42

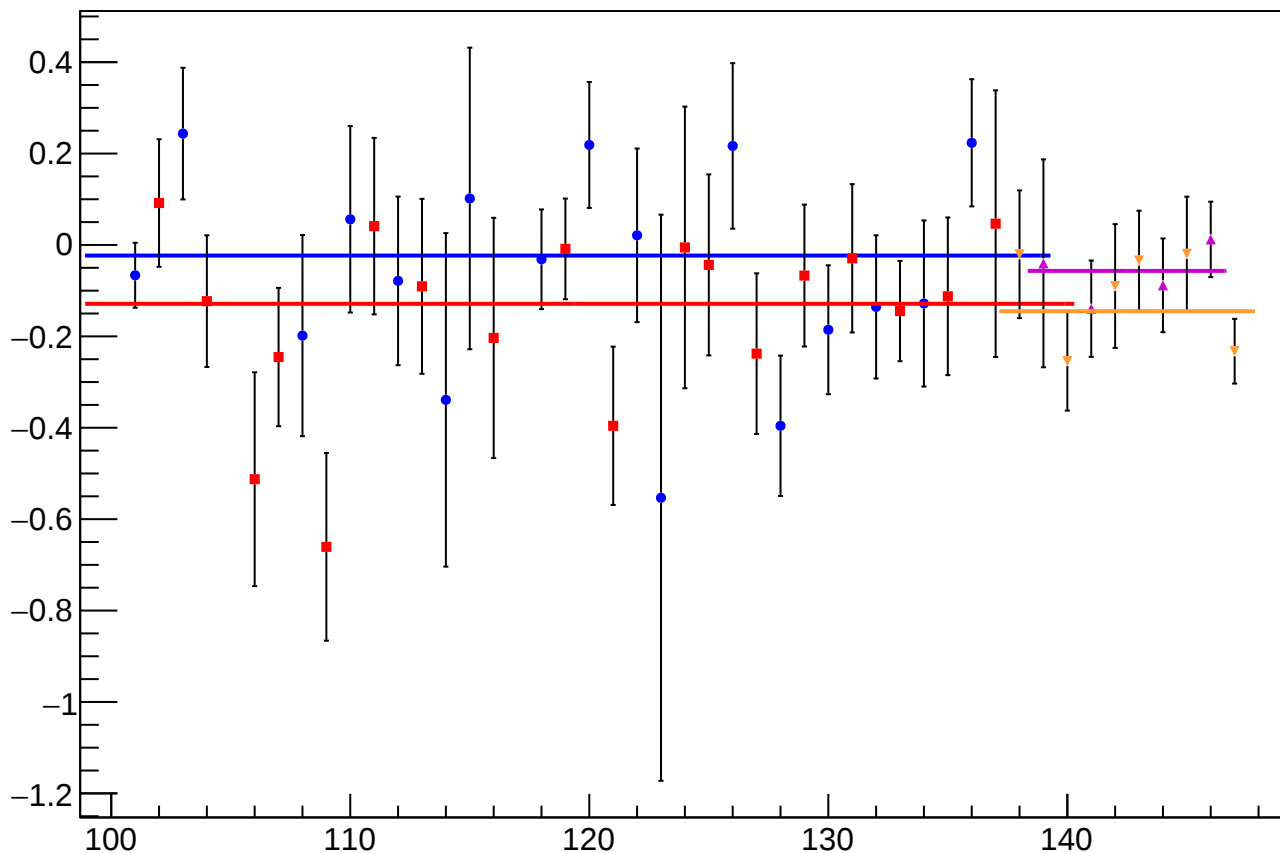
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.100 $\pm$ 0.069 χ^2 /NDF:5.4/3

Left: -0.030 $\pm$ 0.046 χ^2 /NDF: 20.7/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.100 $\pm$ 0.069 χ^2 /NDF:5.4/3
 Out: 0.024 $\pm$ 0.061 χ^2 /NDF:13.5/5
 All: -0.030 $\pm$ 0.046 χ^2 /NDF: 20.7/9

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: -0.057 ± 0.053 χ^2/NDF : 1.4/3

Left: -0.110 ± 0.034 χ^2/NDF : 8.6/9

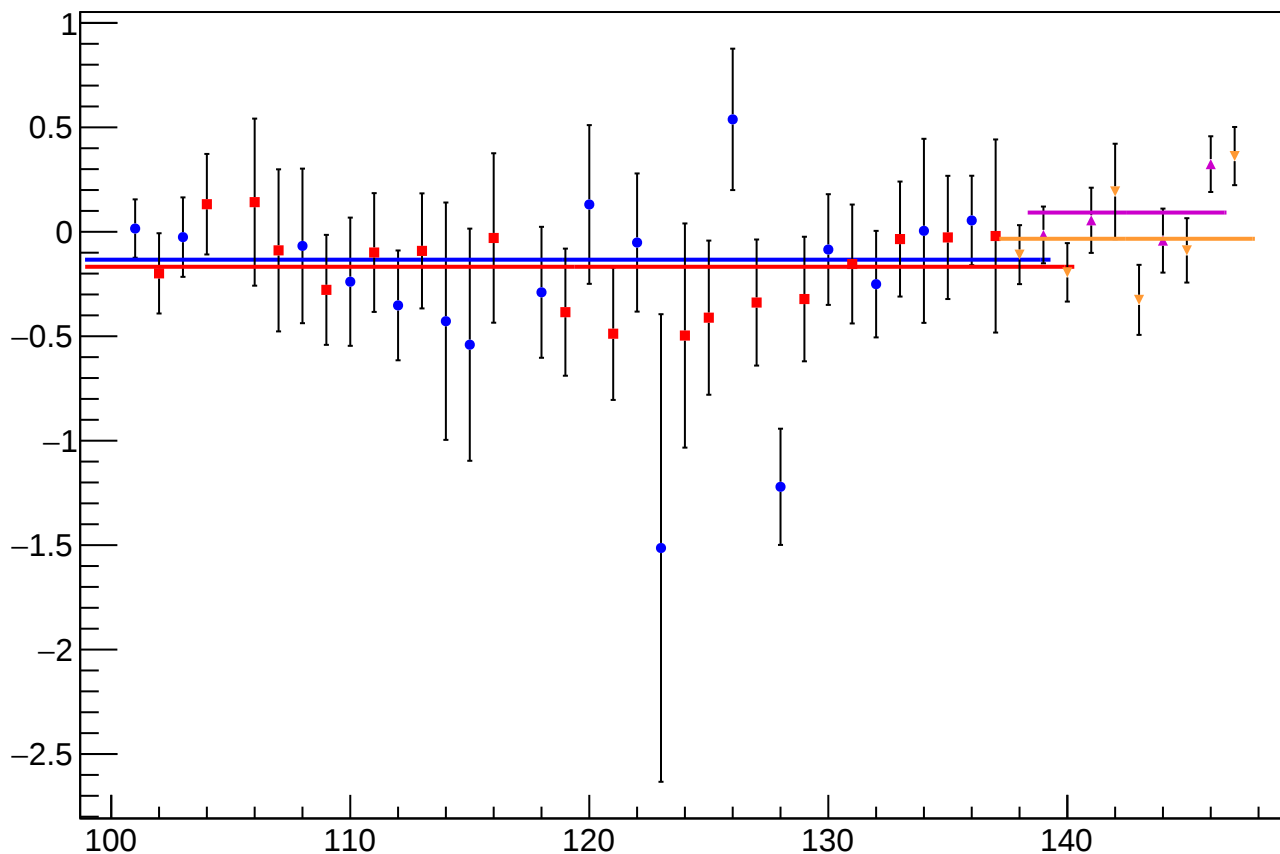
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.034 ± 0.030 χ^2/NDF : 24.1/20

Out: -0.136 ± 0.029 χ^2/NDF : 24.2/23

All: -0.087 ± 0.021 χ^2/NDF : 54.3/44

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: 0.092 ± 0.072 $\chi^2/\text{NDF}: 4.5/3$

Left: 0.022 ± 0.047 $\chi^2/\text{NDF}: 20.0/9$

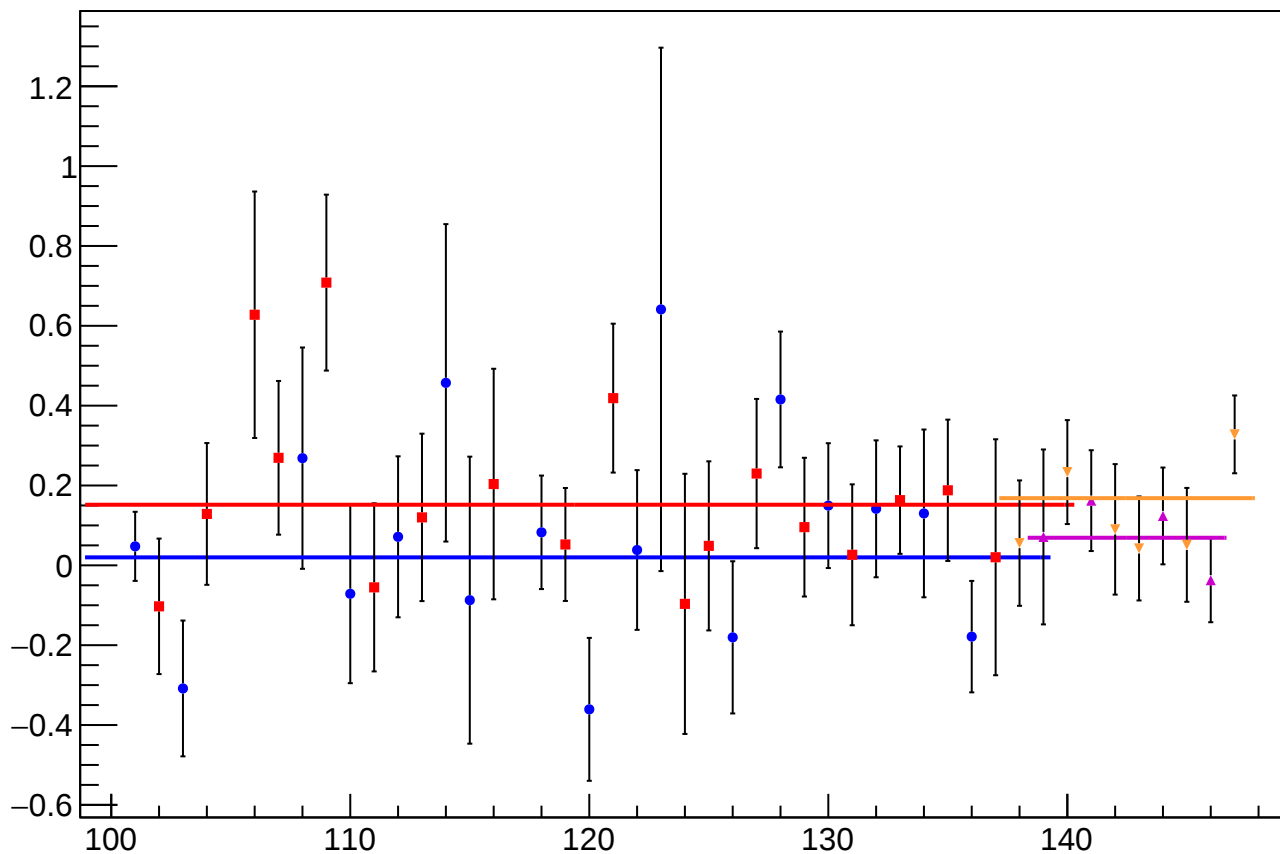
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 32.0/34$

In: -0.028 ± 0.049 $\chi^2/\text{NDF}: 35.5/20$

Out: -0.093 ± 0.047 $\chi^2/\text{NDF}: 22.0/23$

All: -0.062 ± 0.034 $\chi^2/\text{NDF}: 58.4/44$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.168 $\pm$ 0.053 χ^2 /NDF: 5.3/5

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.069 $\pm$ 0.064 χ^2 /NDF: 1.8/3

Left: 0.128 $\pm$ 0.041 χ^2 /NDF: 8.5/9

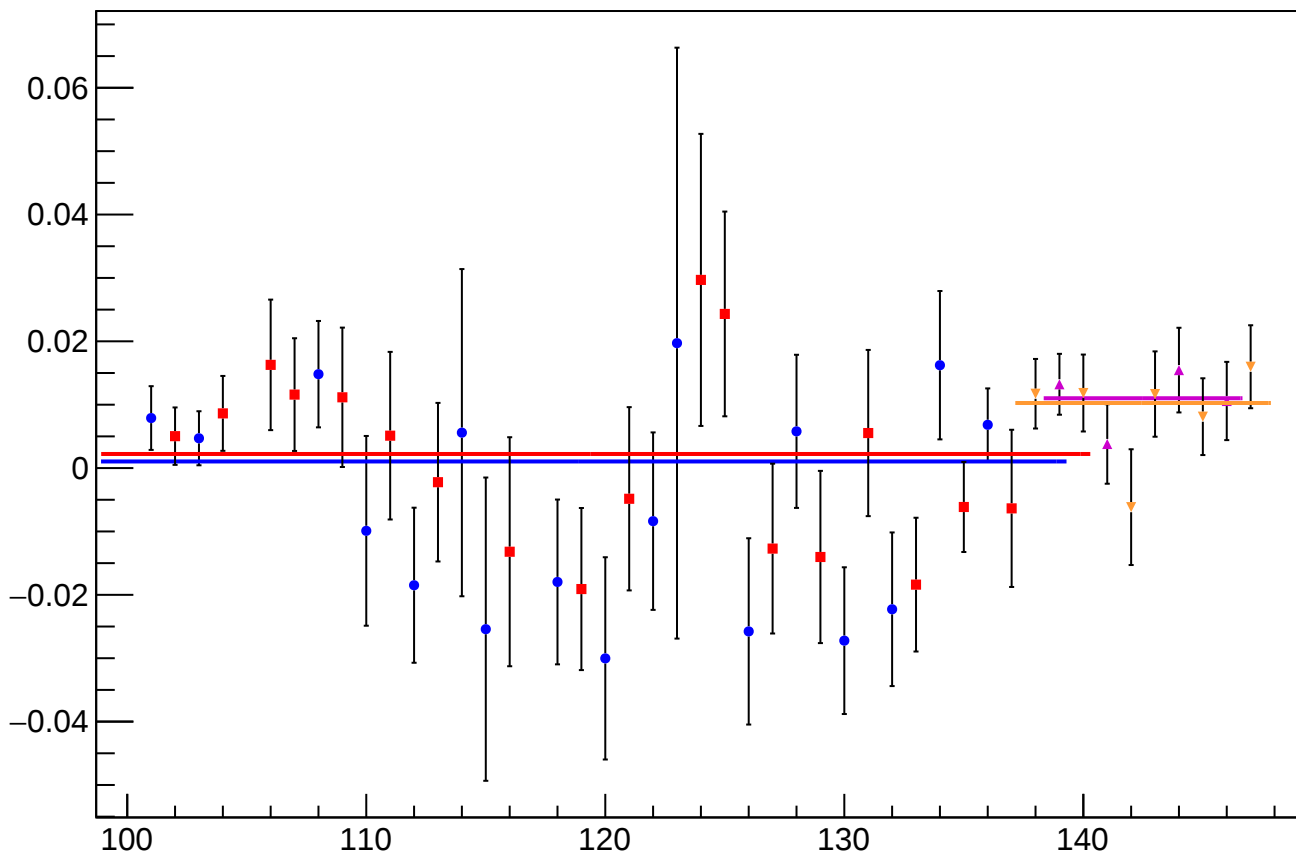
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.035 $\pm$ 0.035 χ^2 /NDF: 24.0/20

Out: 0.159 $\pm$ 0.035 χ^2 /NDF: 22.2/23

All: 0.098 $\pm$ 0.025 χ^2 /NDF: 52.4/44

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.003 χ^2 /NDF:4.3/5

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF:2.0/3

Left: 0.011 $\pm$ 0.002 χ^2 /NDF: 6.3/9

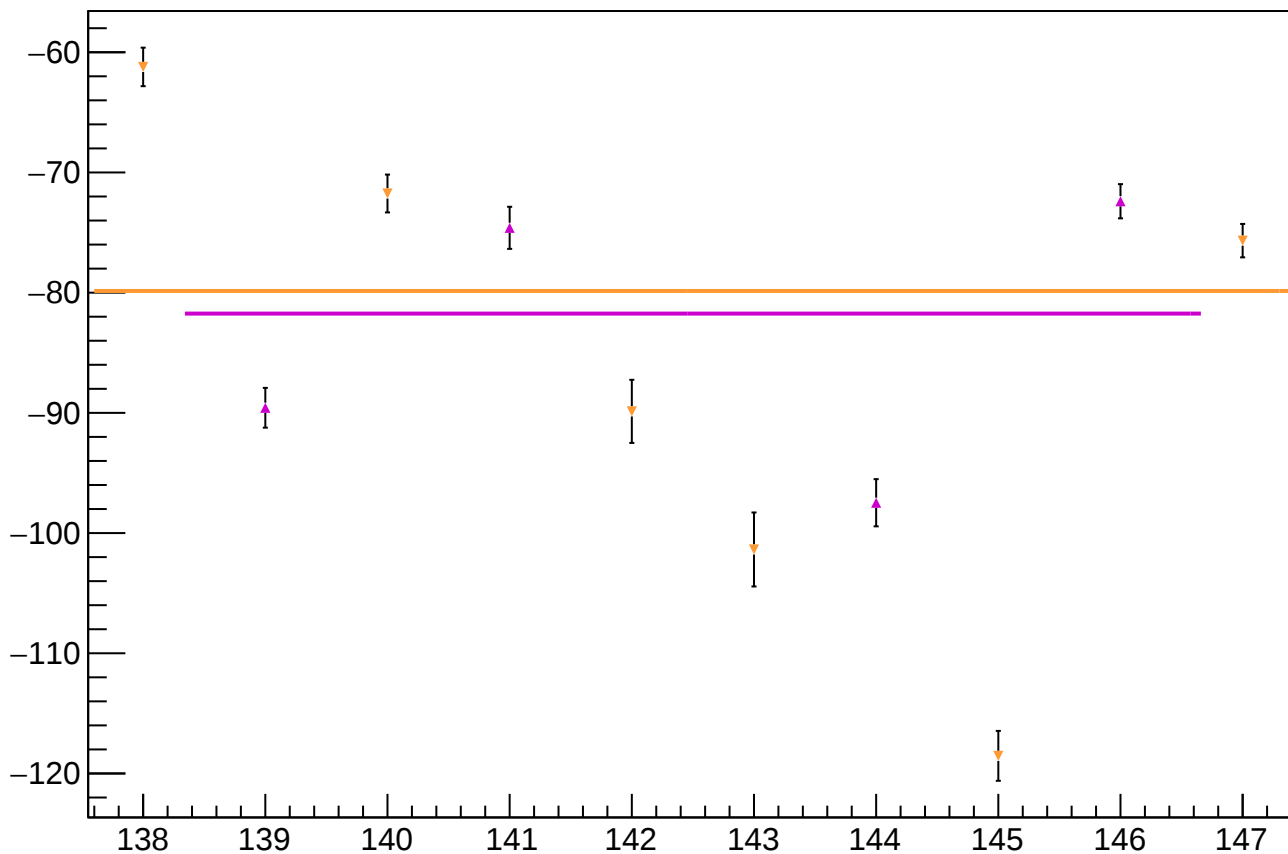
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.005 $\pm$ 0.002 χ^2 /NDF:41.4/20

Out: 0.006 $\pm$ 0.002 χ^2 /NDF:30.5/23

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 72.0/44

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: -81.741+/-0.832 χ^2/NDF :146.4/3

Left: -80.698+/-0.556 χ^2/NDF : 730.8/9

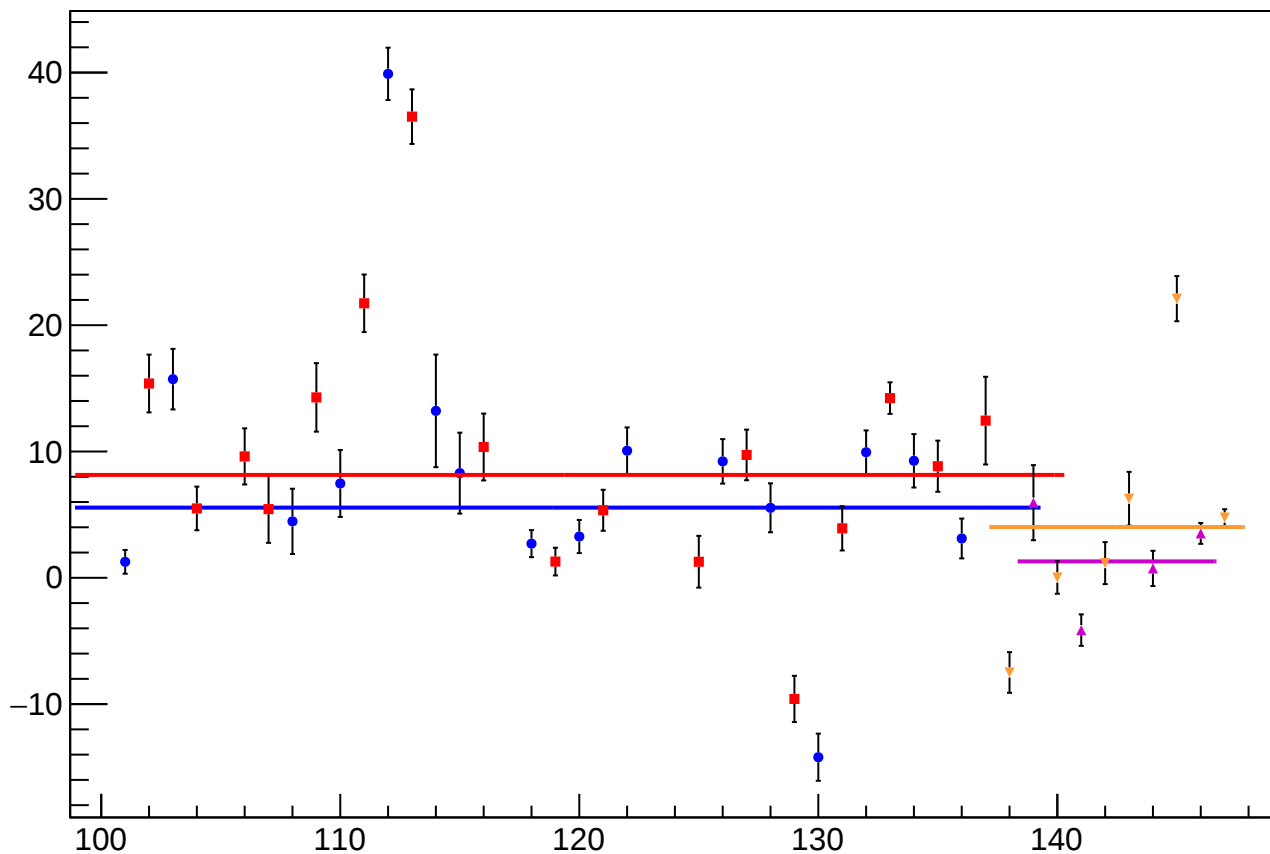
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.741+/-0.832 χ^2/NDF :146.4/3

Out: -79.859+/-0.747 χ^2/NDF :581.6/5

All: -80.698+/-0.556 χ^2/NDF : 730.8/9

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 4.020 $\pm$ 0.489 χ^2 /NDF:168.3/5

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 1.299 $\pm$ 0.605 χ^2 /NDF:28.8/3

Left: 2.944 $\pm$ 0.380 χ^2 /NDF: 209.3/9

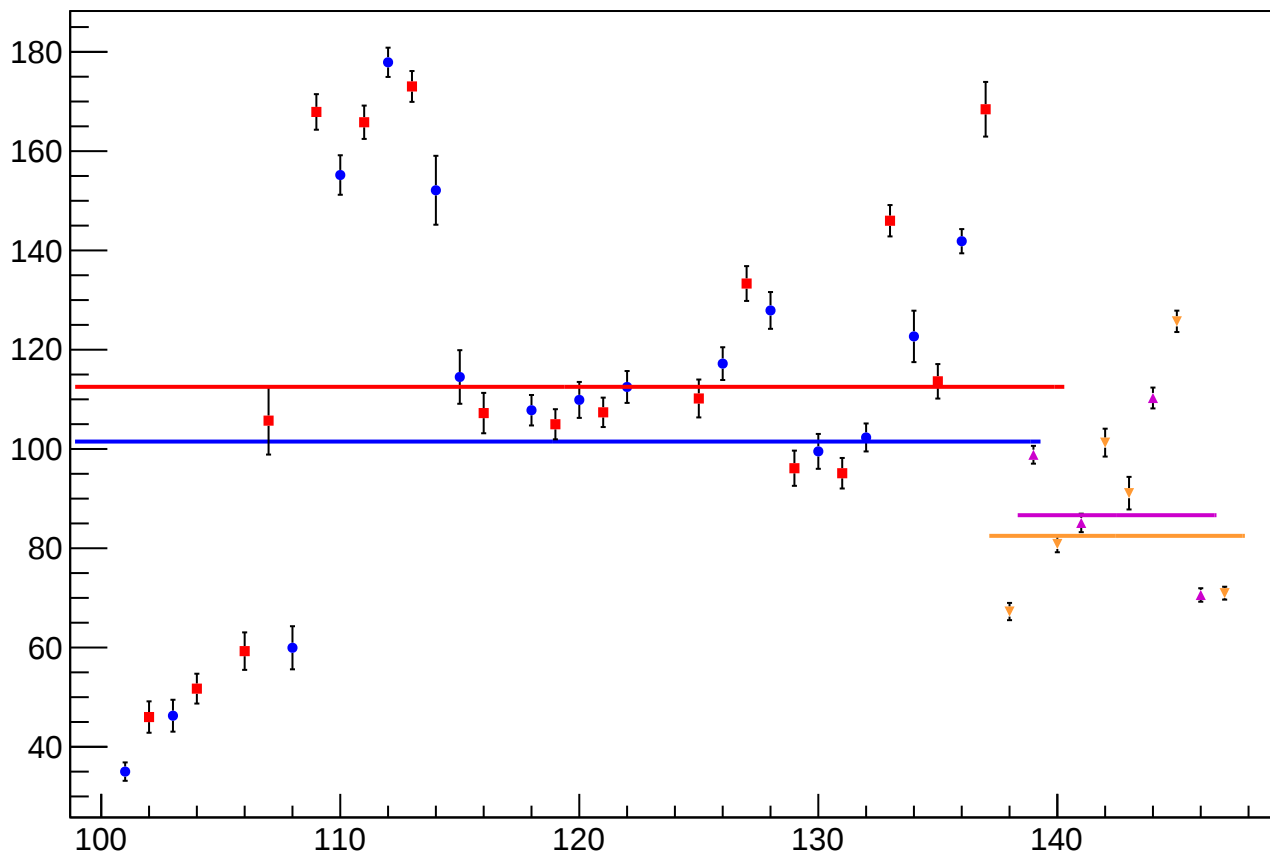
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 4.153 $\pm$ 0.347 χ^2 /NDF:524.1/19

Out: 6.234 $\pm$ 0.333 χ^2 /NDF:613.3/22

All: 5.238 $\pm$ 0.240 χ^2 /NDF: 1156.0/42

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: 86.660 $\pm$ 0.855 χ^2 /NDF:313.0/3

Left: 84.346 $\pm$ 0.569 χ^2 /NDF: 937.2/9

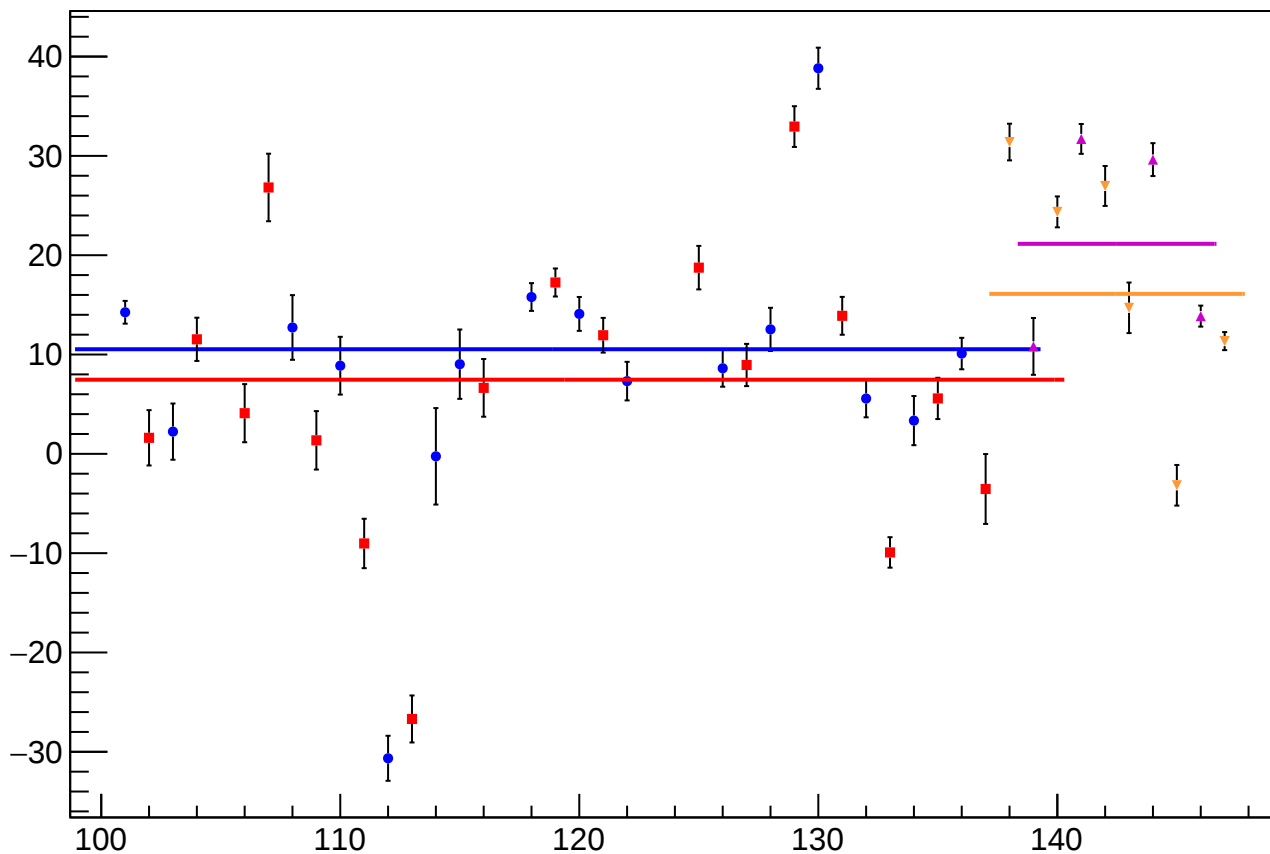
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 94.495 $\pm$ 0.587 χ^2 /NDF:3444.9/19

Out: 96.024 $\pm$ 0.566 χ^2 /NDF:3544.5/22

All: 95.288 $\pm$ 0.408 χ^2 /NDF: 6993.0/42

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532+/-0.493 χ^2/NDF : 580.3/15

Left Out: 16.109+/-0.625 χ^2/NDF :242.4/5

Right Out: 7.466+/-0.525 χ^2/NDF : 685.0/16

Left In: 21.147+/-0.741 χ^2/NDF :136.0/3

Left: 18.206+/-0.478 χ^2/NDF : 405.4/9

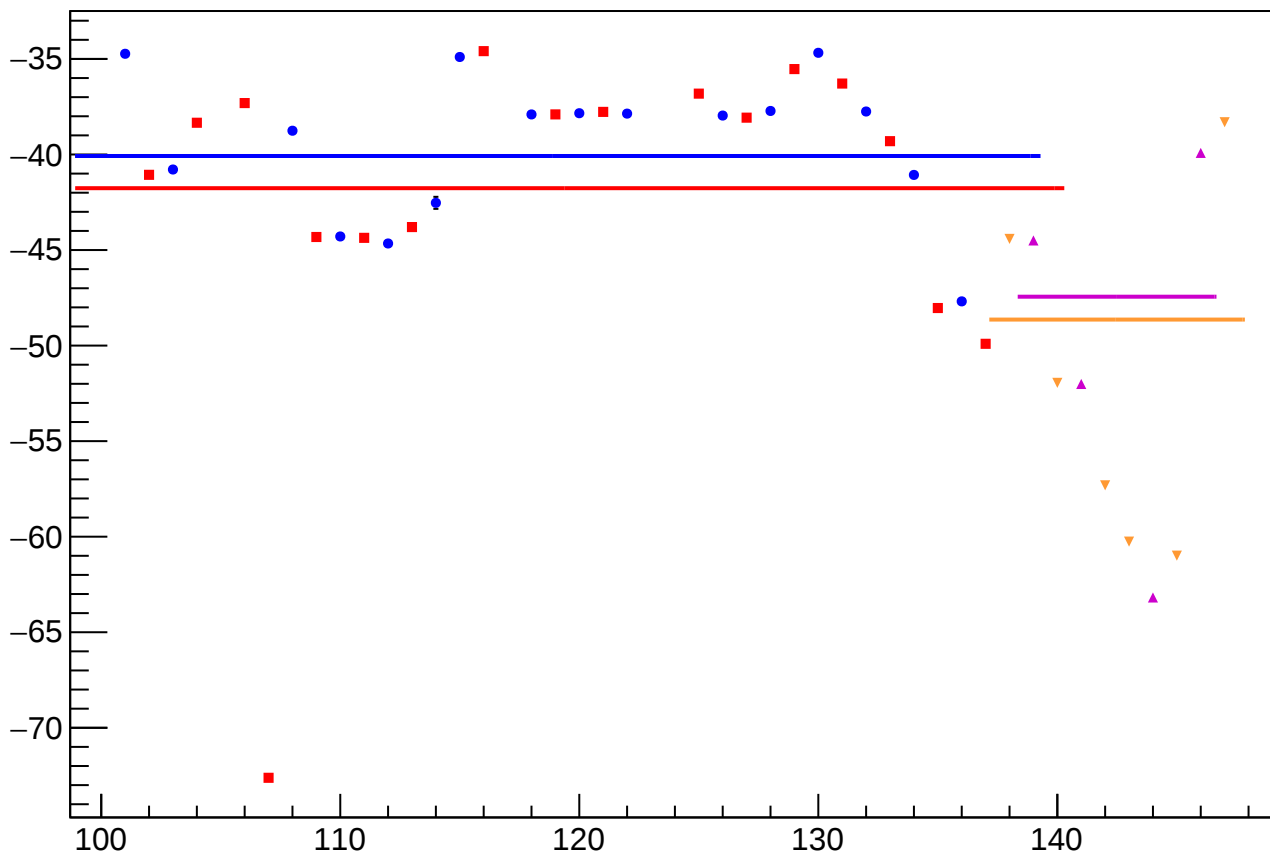
Right: 9.096+/-0.359 χ^2/NDF : 1283.4/32

In: 13.790+/-0.410 χ^2/NDF :858.7/19

Out: 11.041+/-0.402 χ^2/NDF :1039.4/22

All: 12.388+/-0.287 χ^2/NDF : 1921.1/42

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -48.639 ± 0.033 $\chi^2/\text{NDF}: 68950.4/5$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -47.442 ± 0.035 $\chi^2/\text{NDF}: 49508.9/3$

Left: -48.087 ± 0.024 $\chi^2/\text{NDF}: 119078.8/9$

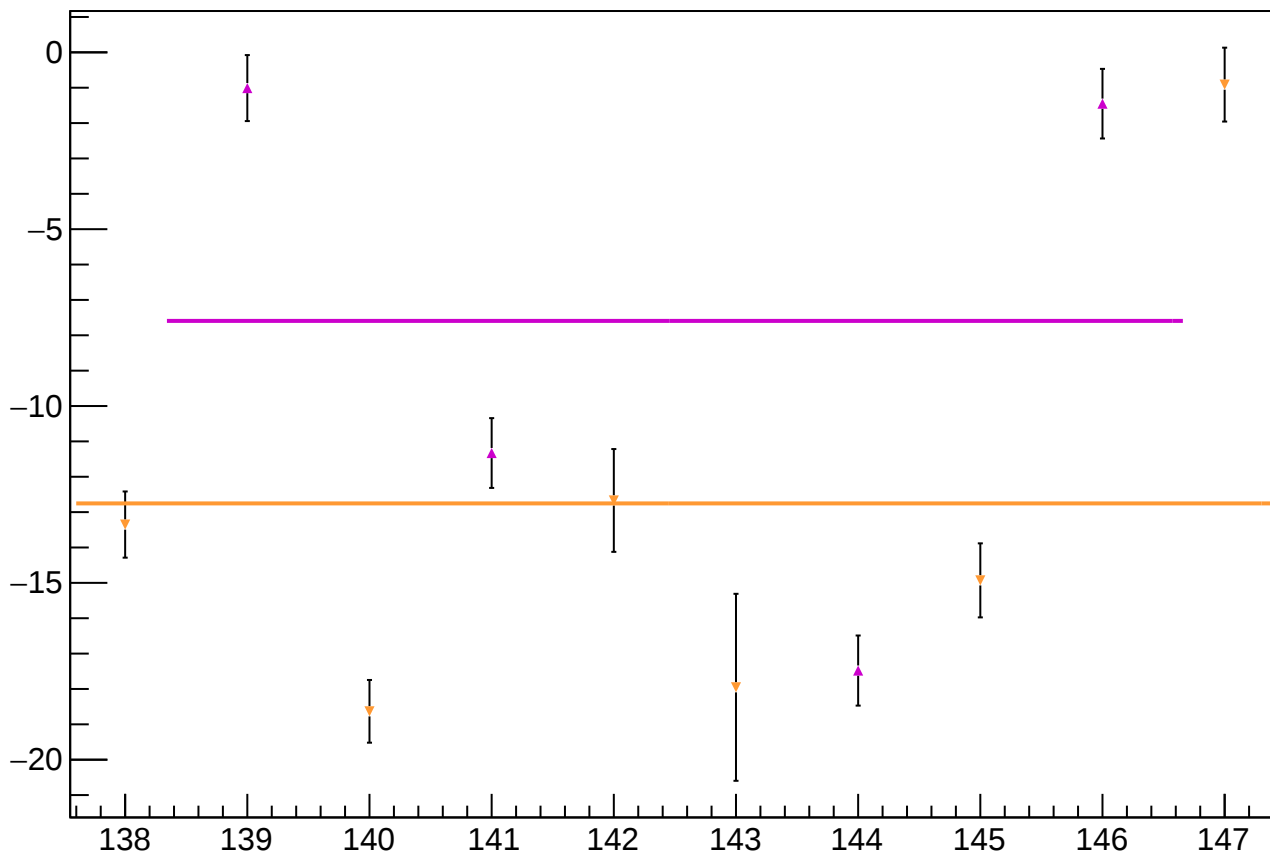
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -42.947 ± 0.022 $\chi^2/\text{NDF}: 101171.2/19$

Out: -44.779 ± 0.022 $\chi^2/\text{NDF}: 154111.5/22$

All: -43.882 ± 0.015 $\chi^2/\text{NDF}: 258803.8/42$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.753+/-0.454 χ^2/NDF :181.1/5

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

Left In: -7.593+/-0.486 χ^2/NDF :202.6/3

Left: -10.353+/-0.332 χ^2/NDF : 443.8/9

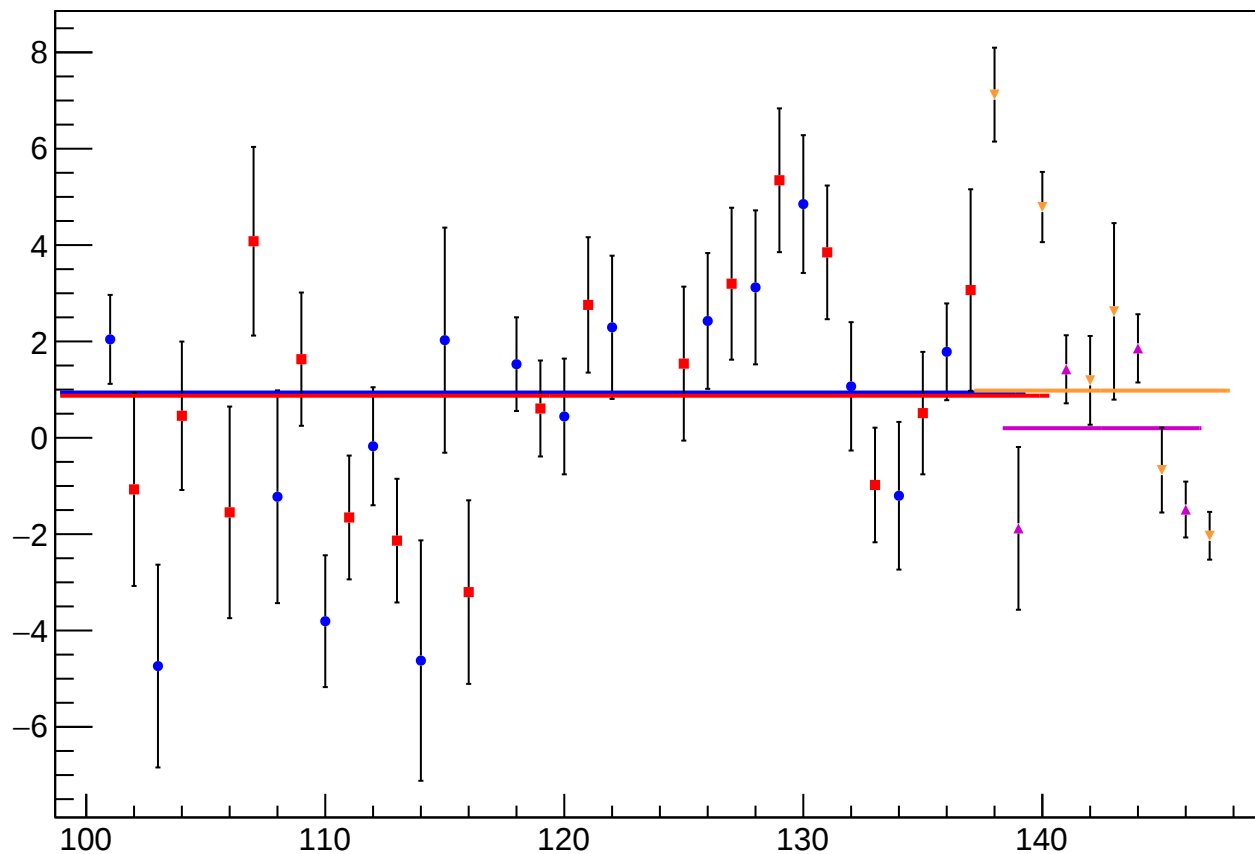
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.593+/-0.486 χ^2/NDF :202.6/3

Out: -12.753+/-0.454 χ^2/NDF :181.1/5

All: -10.353+/-0.332 χ^2/NDF : 443.8/9

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 0.979 ± 0.320 $\chi^2/\text{NDF}: 108.4/5$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.199 ± 0.369 $\chi^2/\text{NDF}: 18.5/3$

Left: 0.645 ± 0.242 $\chi^2/\text{NDF}: 129.4/9$

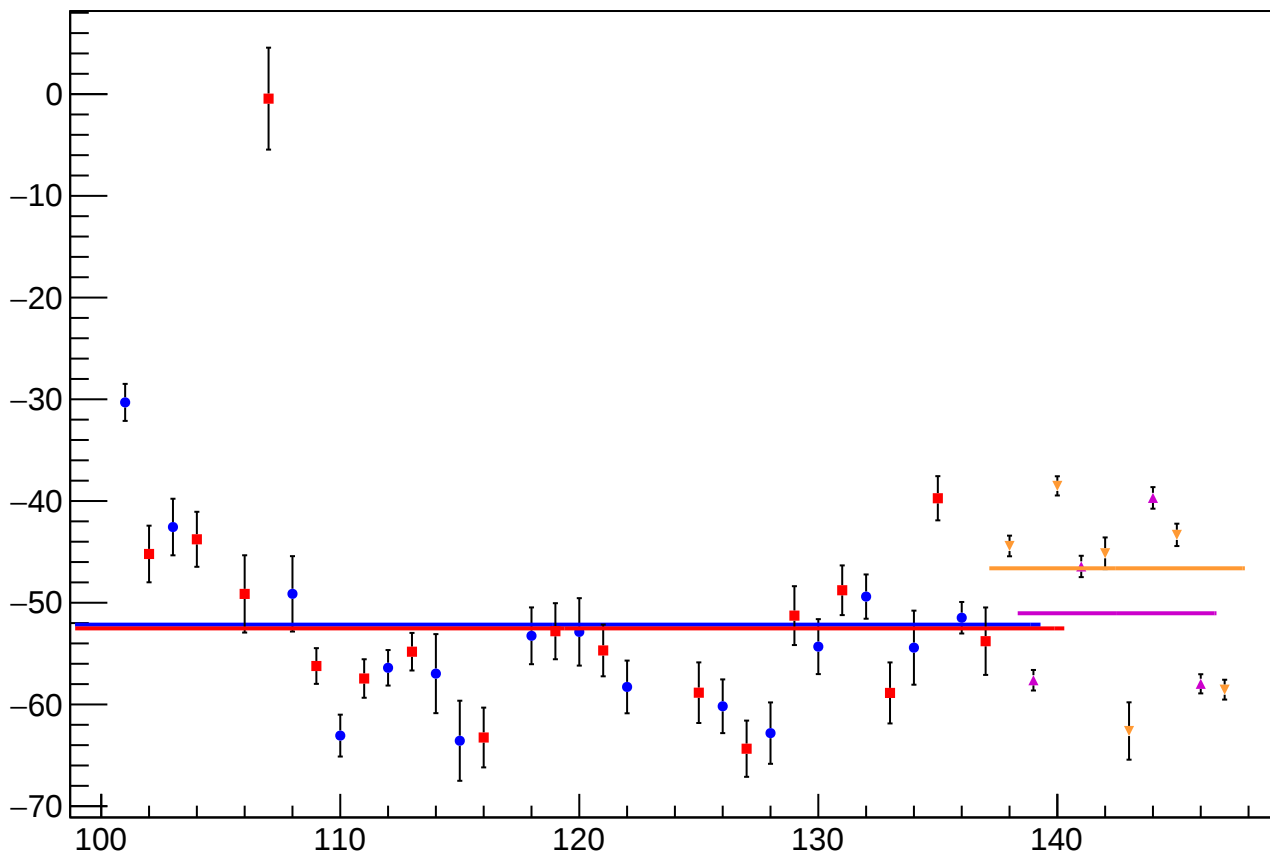
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.601 ± 0.250 $\chi^2/\text{NDF}: 62.9/19$

Out: 0.932 ± 0.237 $\chi^2/\text{NDF}: 149.0/22$

All: 0.775 ± 0.172 $\chi^2/\text{NDF}: 212.8/42$

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: -51.035±/0.506 χ^2/NDF :230.4/3

Left: -48.666±/0.345 χ^2/NDF : 541.3/9

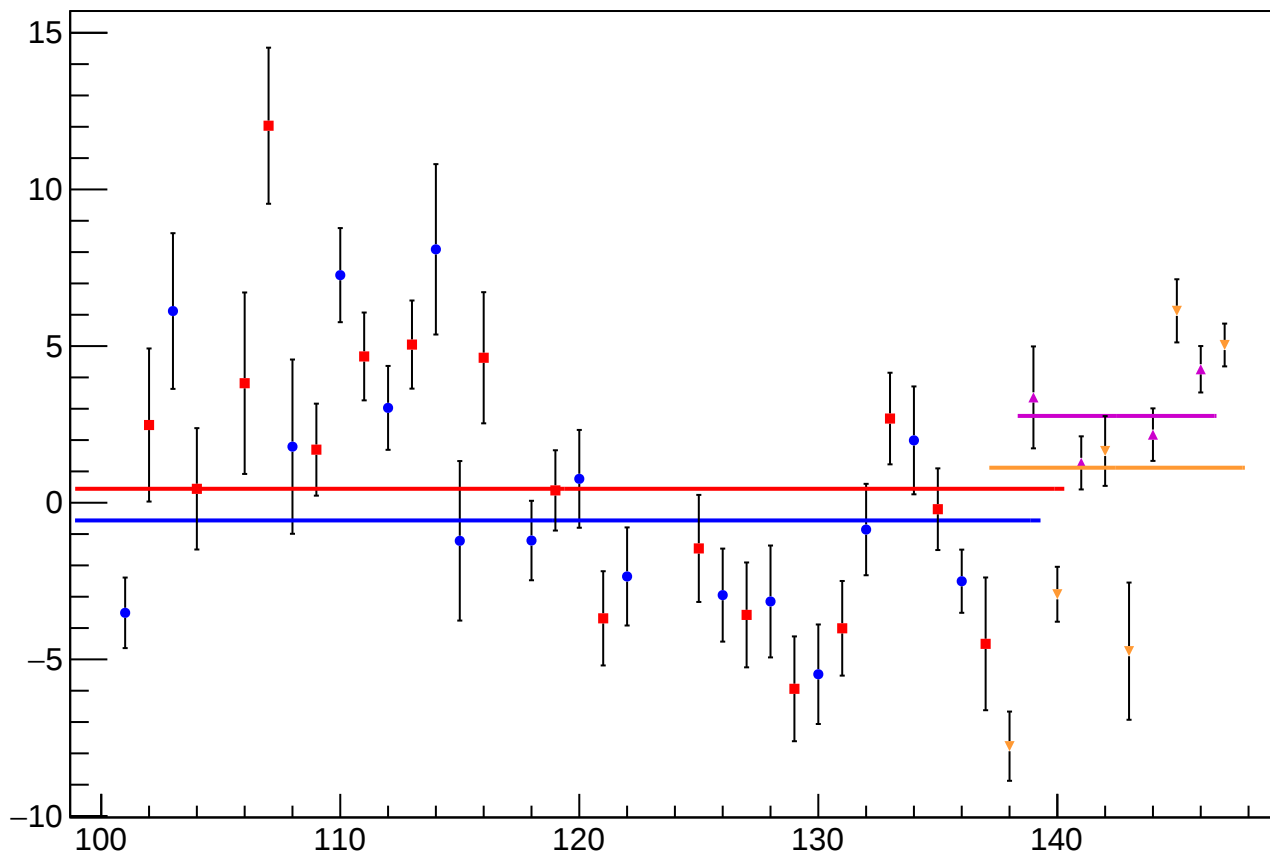
Right: -52.337±/0.435 χ^2/NDF : 449.0/32

In: -51.489±/0.390 χ^2/NDF :463.5/19

Out: -48.785±/0.375 χ^2/NDF :545.4/22

All: -50.081±/0.270 χ^2/NDF : 1033.9/42

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: 2.771 ± 0.447 χ^2/NDF : 7.8/3

Left: 1.853 ± 0.298 χ^2/NDF : 166.3/9

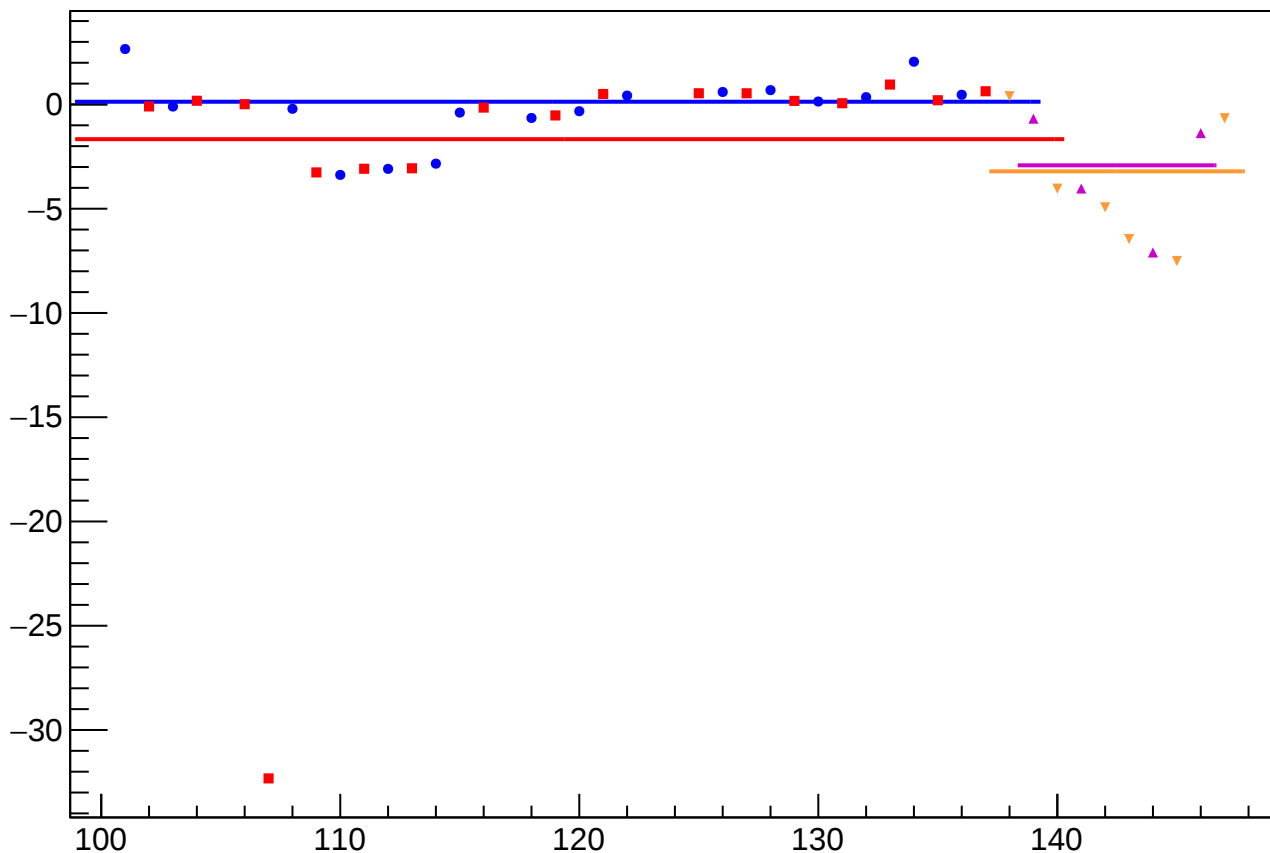
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 0.855 ± 0.291 χ^2/NDF : 121.7/19

Out: 0.782 ± 0.283 χ^2/NDF : 246.4/22

All: 0.817 ± 0.203 χ^2/NDF : 368.2/42

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.022 χ^2/NDF : 5232.9/15

Left Out: -3.206+/-0.020 χ^2/NDF : 23218.6/5

Right Out: -1.665+/-0.022 χ^2/NDF : 77602.8/16

Left In: -2.919+/-0.021 χ^2/NDF : 14018.0/3

Left: -3.070+/-0.014 χ^2/NDF : 37338.0/9

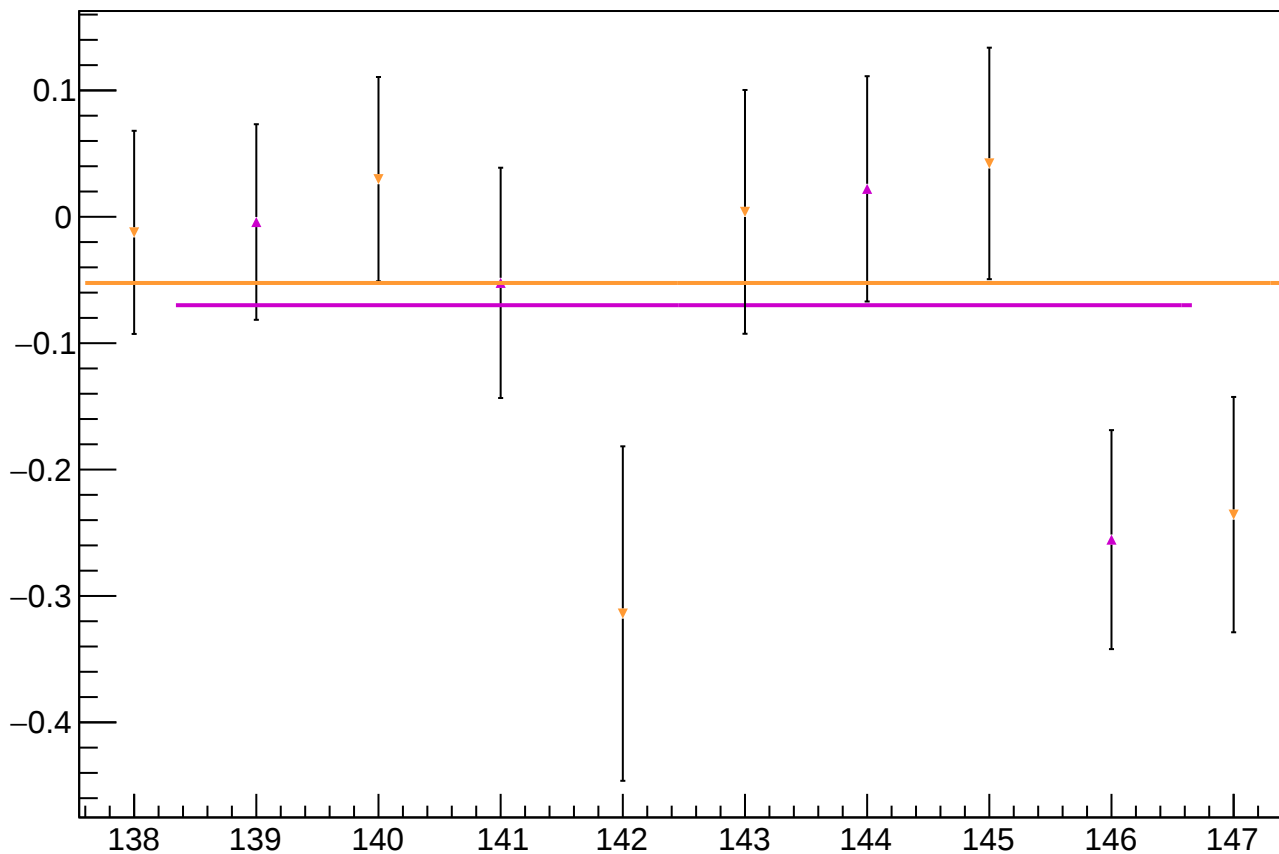
Right: -0.752+/-0.015 χ^2/NDF : 86255.5/32

In: -1.455+/-0.015 χ^2/NDF : 29690.3/19

Out: -2.516+/-0.015 χ^2/NDF : 103561.3/22

All: -1.995+/-0.010 χ^2/NDF : 135832.6/42

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: -0.070 $\pm$ 0.043 χ^2 /NDF:6.4/3

Left: -0.060 $\pm$ 0.028 χ^2 /NDF: 17.0/9

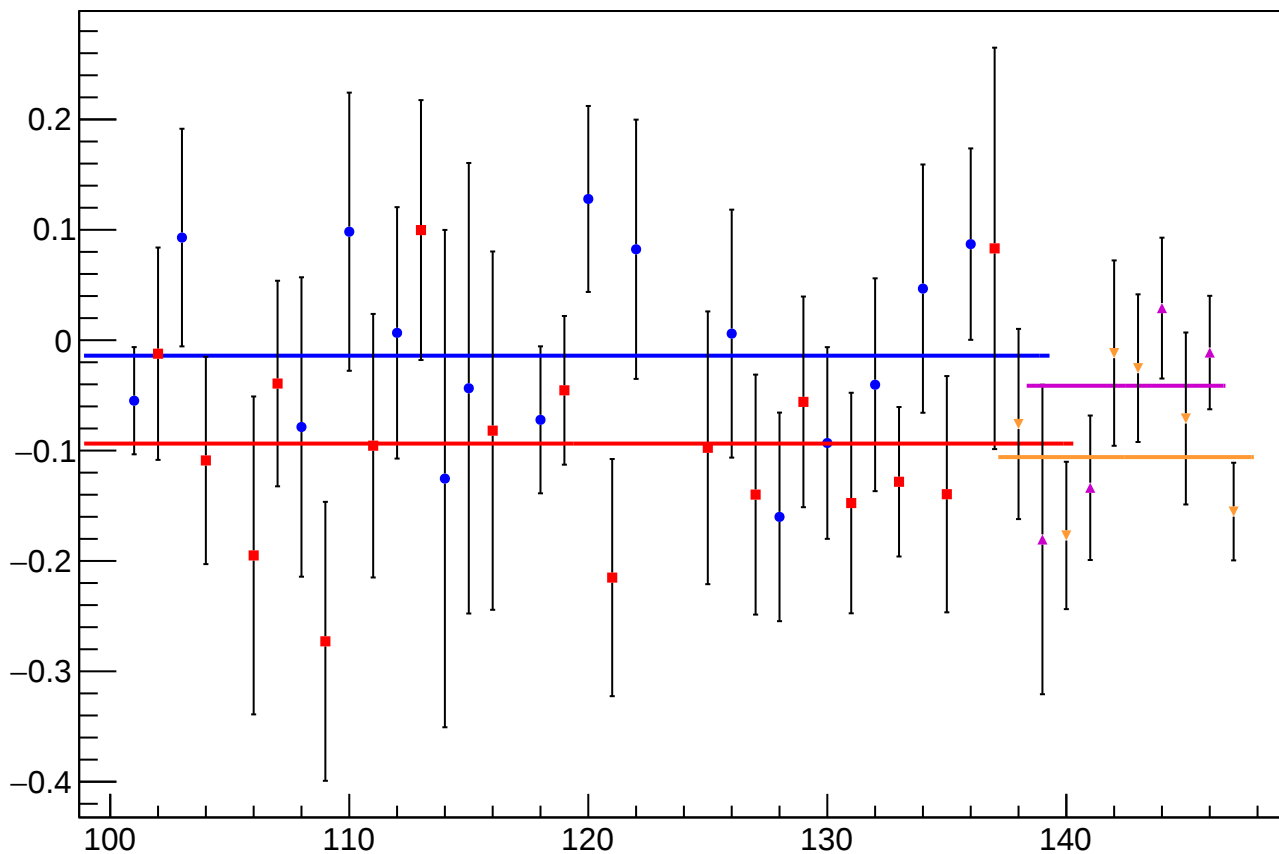
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.070 $\pm$ 0.043 χ^2 /NDF:6.4/3

Out: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

All: -0.060 $\pm$ 0.028 χ^2 /NDF: 17.0/9

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: -0.041 ± 0.033 χ^2/NDF : 4.5/3

Left: -0.080 ± 0.021 χ^2/NDF : 12.3/9

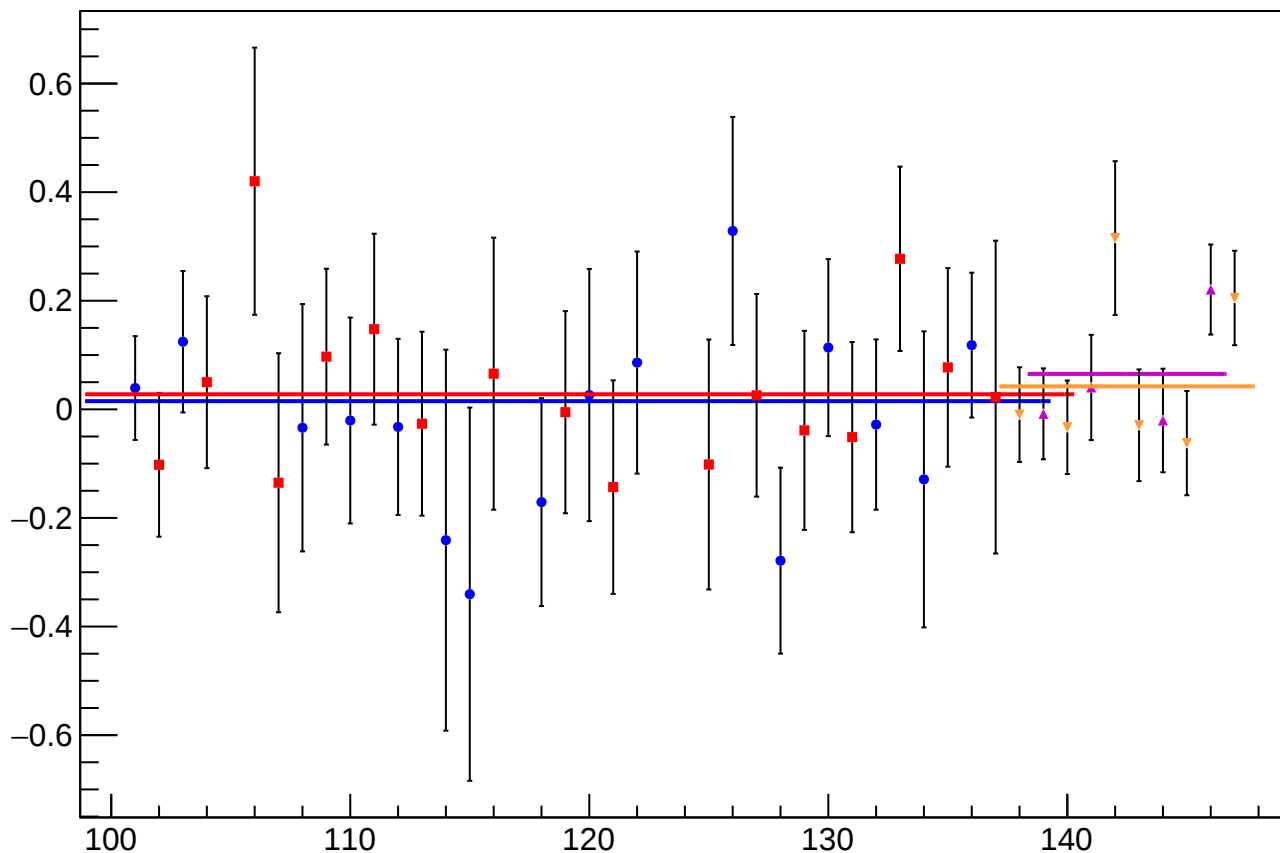
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.023 ± 0.019 χ^2/NDF : 17.4/19

Out: -0.099 ± 0.018 χ^2/NDF : 15.6/22

All: -0.063 ± 0.013 χ^2/NDF : 41.5/42

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: 0.065 $\pm$ 0.045 χ^2 /NDF:5.2/3

Left: 0.052 $\pm$ 0.029 χ^2 /NDF: 15.3/9

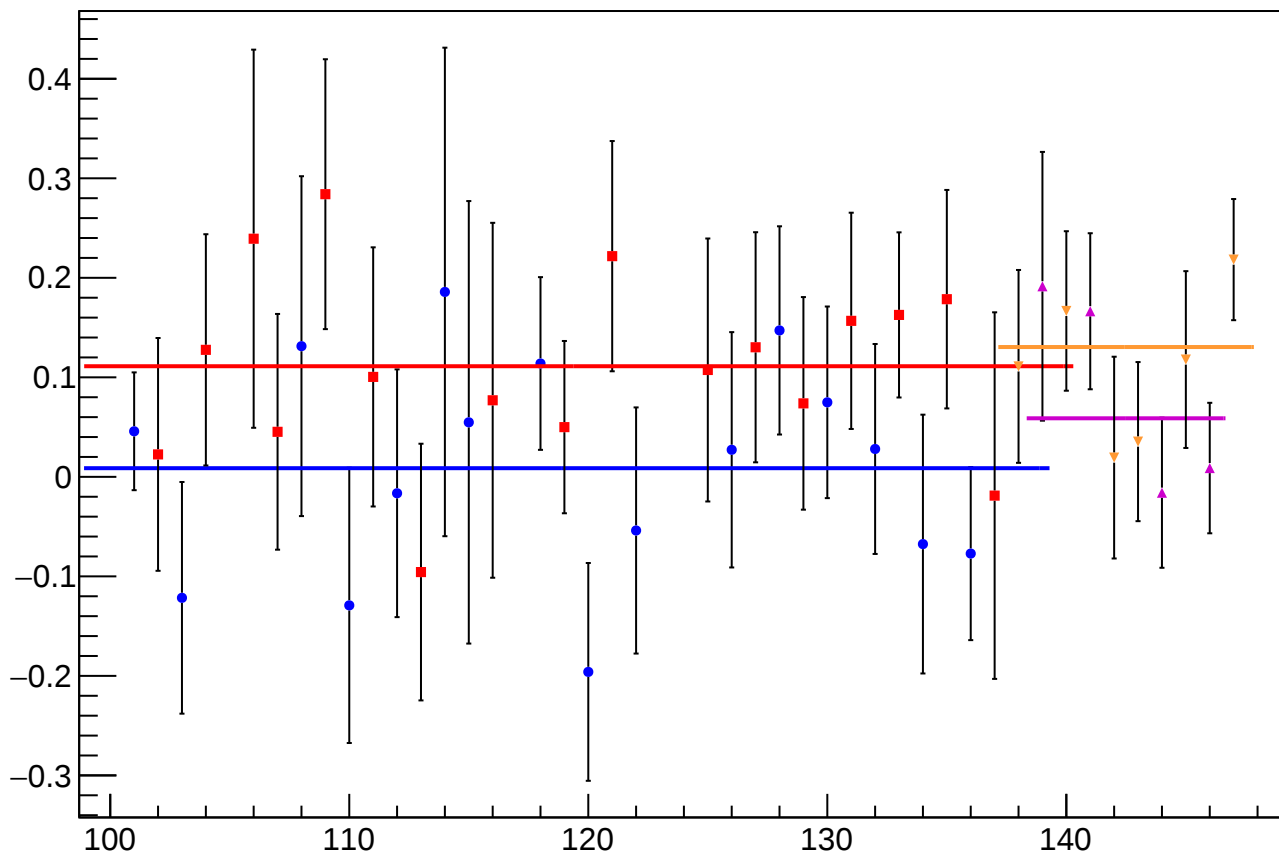
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.039 $\pm$ 0.031 χ^2 /NDF:15.9/19

Out: 0.036 $\pm$ 0.030 χ^2 /NDF:18.5/22

All: 0.038 $\pm$ 0.021 χ^2 /NDF: 34.4/42

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.130 ± 0.033 $\chi^2/\text{NDF}: 5.0/5$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.059 ± 0.040 $\chi^2/\text{NDF}: 4.4/3$

Left: 0.101 ± 0.025 $\chi^2/\text{NDF}: 11.3/9$

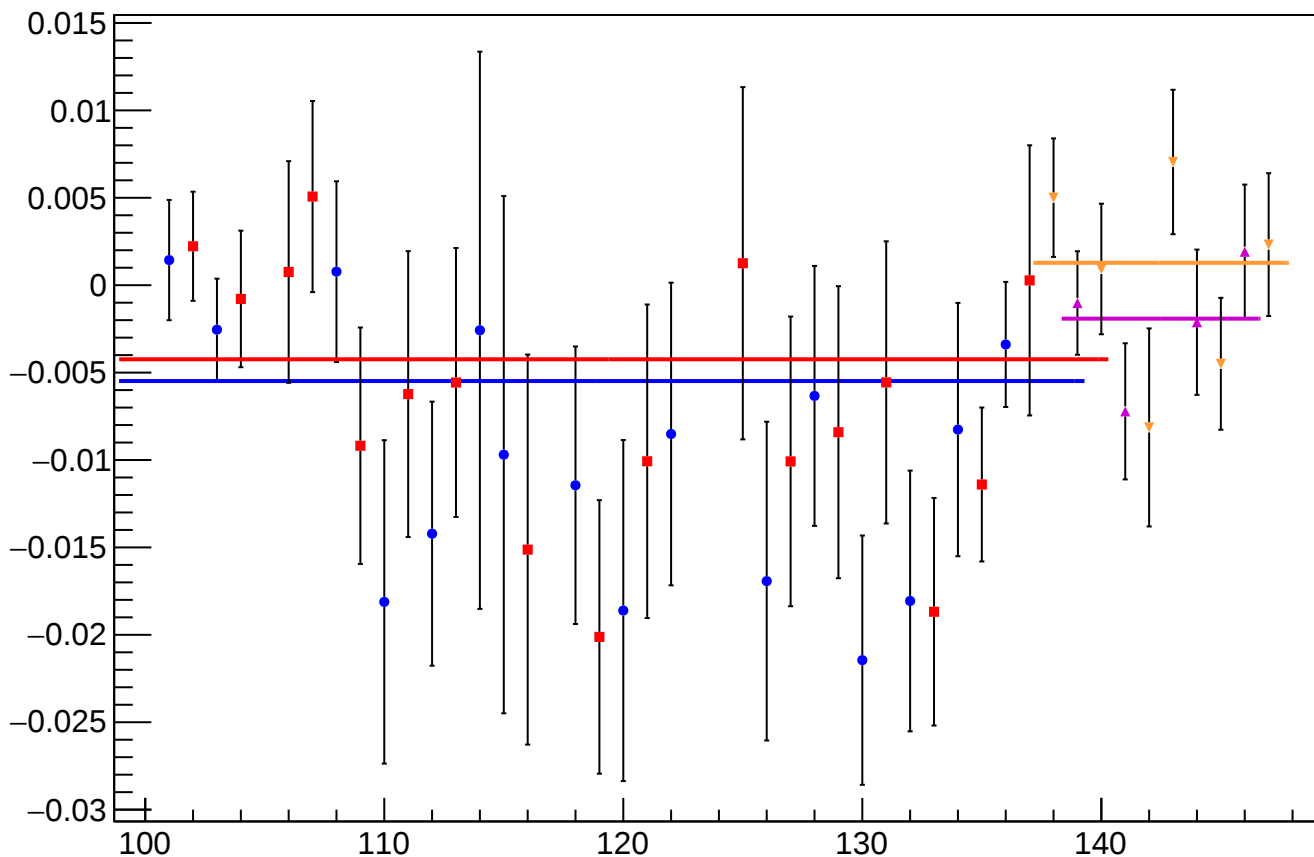
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.024 ± 0.022 $\chi^2/\text{NDF}: 18.1/19$

Out: 0.119 ± 0.022 $\chi^2/\text{NDF}: 13.8/22$

All: 0.073 ± 0.016 $\chi^2/\text{NDF}: 41.2/42$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 $\pm$ 0.002 χ^2/NDF : 8.3/5

Right Out: -0.004 $\pm$ 0.001 χ^2/NDF : 23.7/16

Left In: -0.002 $\pm$ 0.002 χ^2/NDF : 2.9/3

Left: -0.000 $\pm$ 0.001 χ^2/NDF : 13.0/9

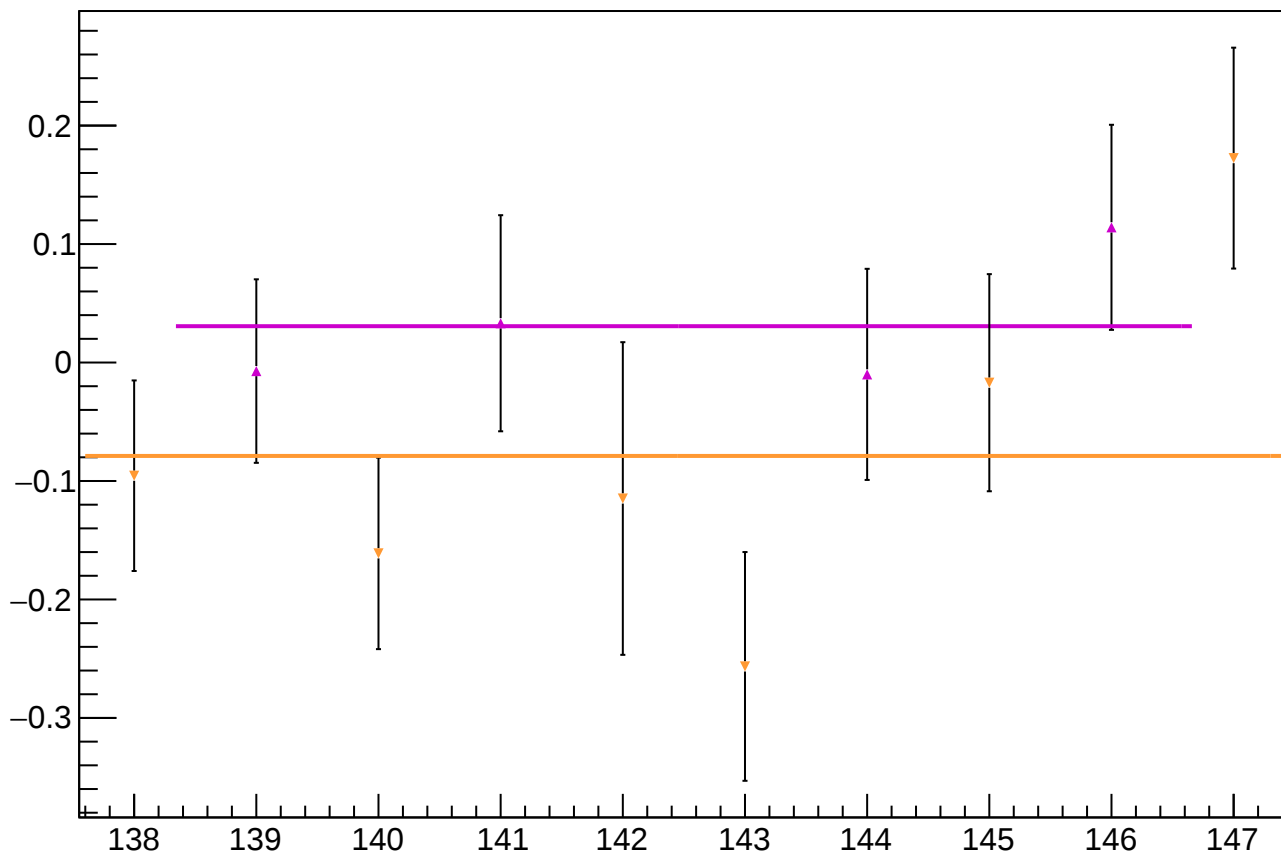
Right: -0.005 $\pm$ 0.001 χ^2/NDF : 46.3/32

In: -0.004 $\pm$ 0.001 χ^2/NDF : 27.6/19

Out: -0.002 $\pm$ 0.001 χ^2/NDF : 38.4/22

All: -0.003 $\pm$ 0.001 χ^2/NDF : 68.2/42

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: 0.031 $\pm$ 0.043 χ^2 /NDF:1.4/3

Left: -0.031 $\pm$ 0.028 χ^2 /NDF: 17.3/9

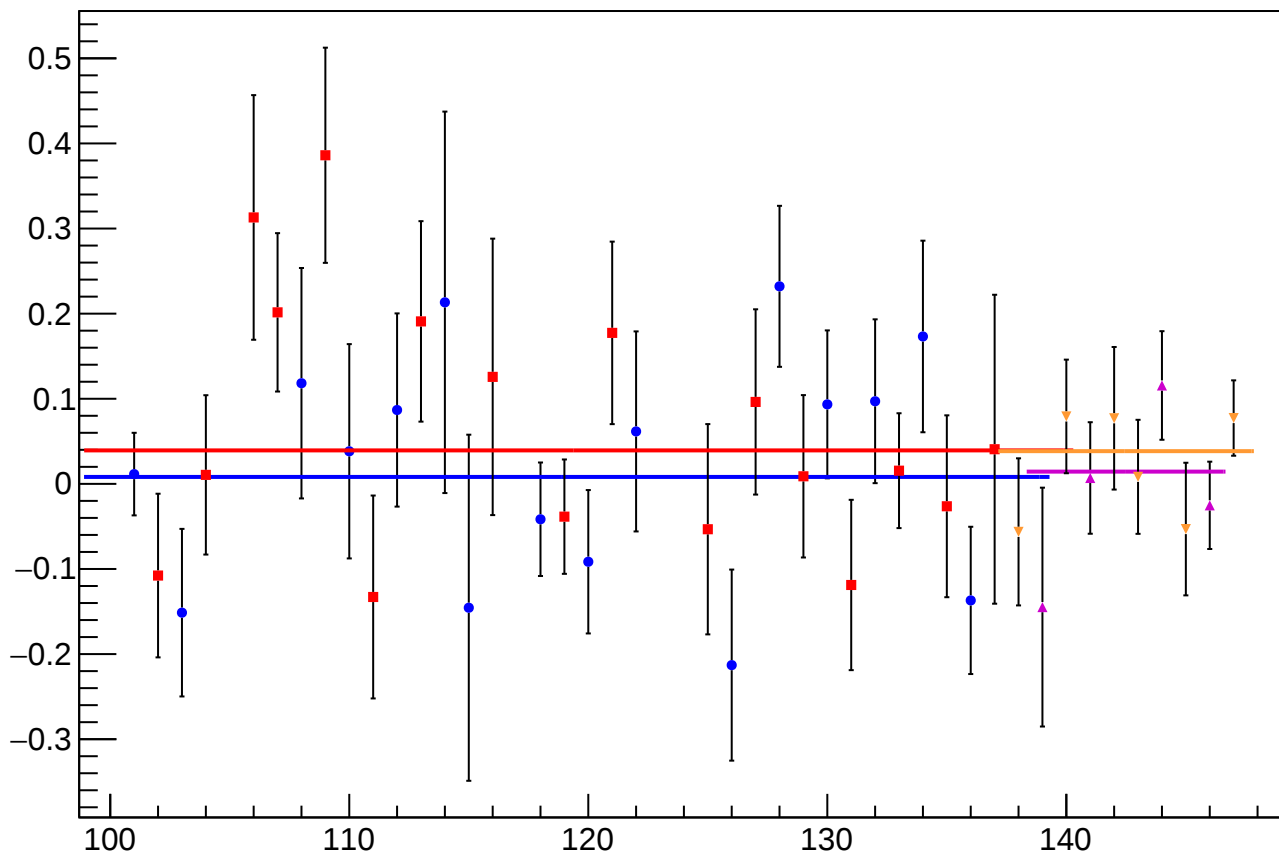
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.031 $\pm$ 0.043 χ^2 /NDF:1.4/3

Out: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

All: -0.031 $\pm$ 0.028 χ^2 /NDF: 17.3/9

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.038 $\pm$ 0.027 χ^2 /NDF: 4.1/5

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.014 $\pm$ 0.033 χ^2 /NDF: 4.4/3

Left: 0.029 $\pm$ 0.021 χ^2 /NDF: 8.9/9

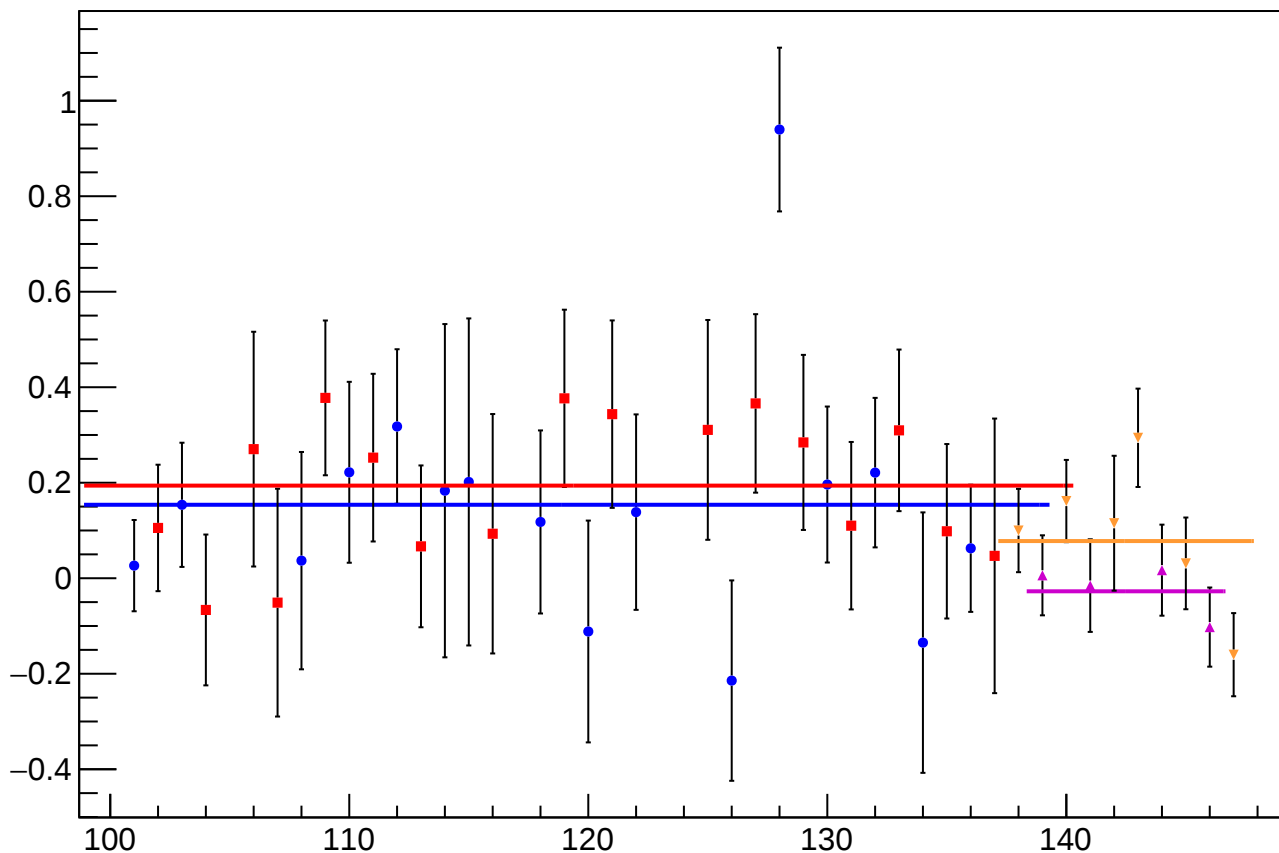
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.010 $\pm$ 0.019 χ^2 /NDF: 28.1/19

Out: 0.039 $\pm$ 0.018 χ^2 /NDF: 31.7/22

All: 0.025 $\pm$ 0.013 χ^2 /NDF: 61.0/42

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: -0.027 ± 0.045 $\chi^2/\text{NDF}: 1.2/3$

Left: 0.032 ± 0.029 $\chi^2/\text{NDF}: 17.5/9$

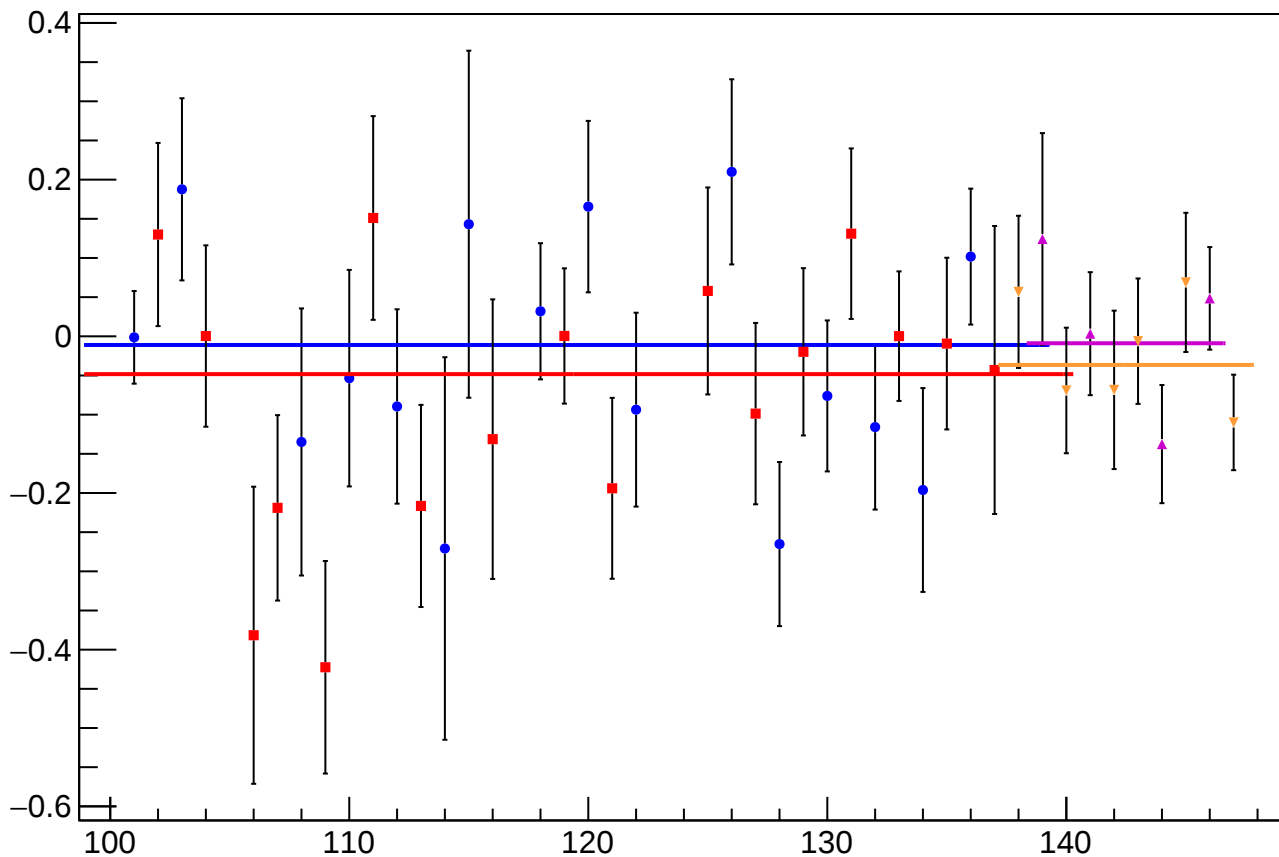
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.067 ± 0.031 $\chi^2/\text{NDF}: 40.3/19$

Out: 0.128 ± 0.030 $\chi^2/\text{NDF}: 27.6/22$

All: 0.099 ± 0.021 $\chi^2/\text{NDF}: 69.9/42$

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: -0.009 ± 0.040 χ^2/NDF : 4.7/3

Left: -0.025 ± 0.026 χ^2/NDF : 9.1/9

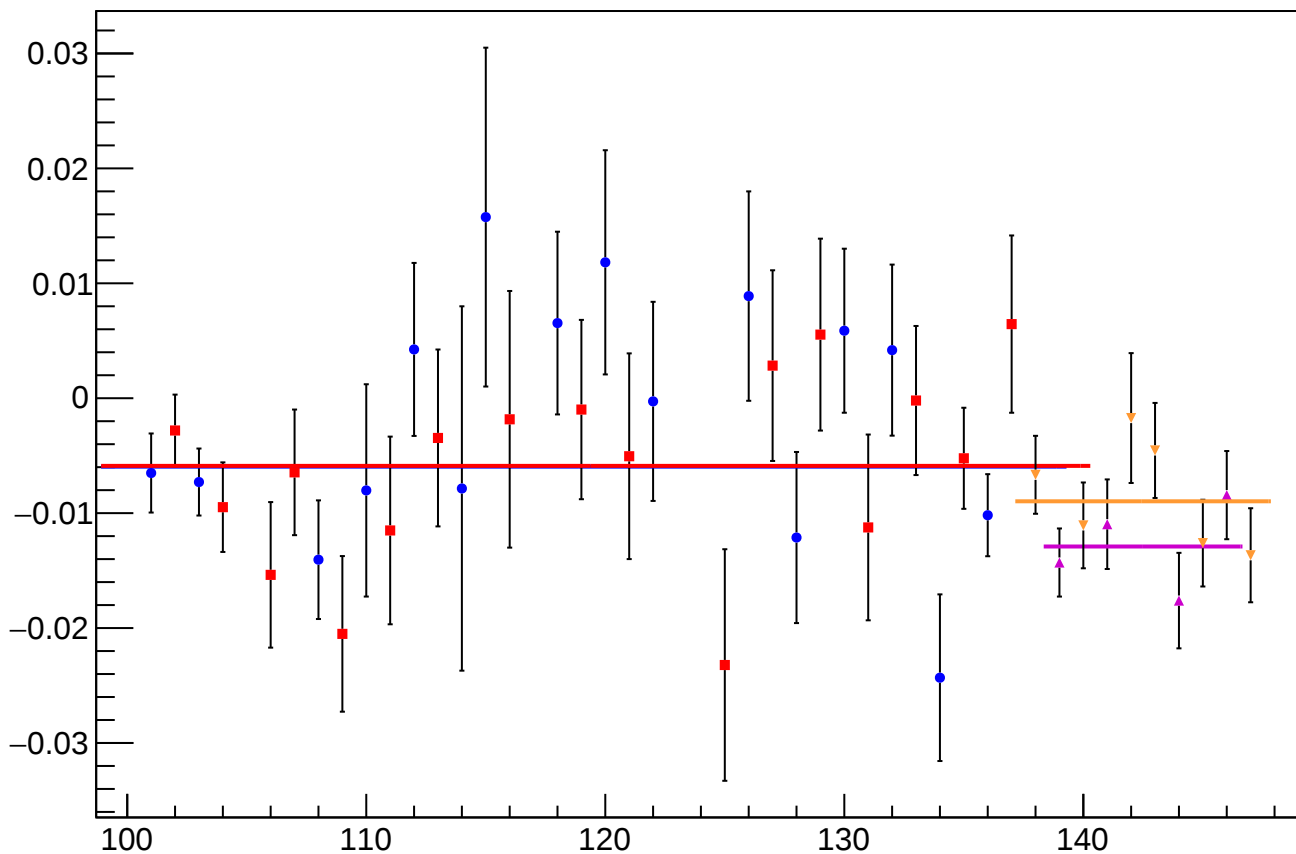
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.010 ± 0.022 χ^2/NDF : 28.1/19

Out: -0.043 ± 0.022 χ^2/NDF : 29.8/22

All: -0.027 ± 0.016 χ^2/NDF : 59.0/42

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009 $\pm$ 0.002 χ^2 /NDF:5.8/5

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 19.6/16

Left In: -0.013 $\pm$ 0.002 χ^2 /NDF:3.1/3

Left: -0.011 $\pm$ 0.001 χ^2 /NDF: 11.5/9

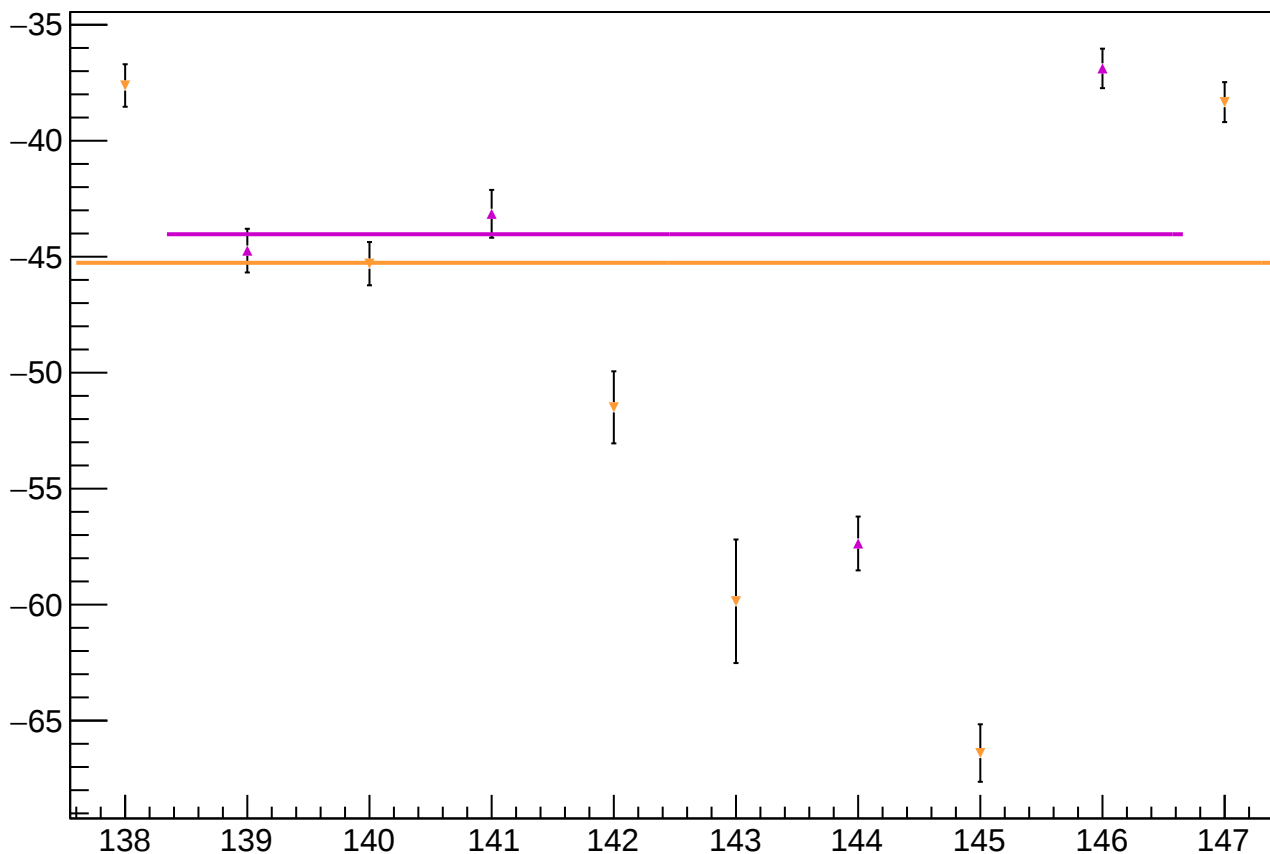
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 48.3/32

In: -0.009 $\pm$ 0.001 χ^2 /NDF:40.9/19

Out: -0.007 $\pm$ 0.001 χ^2 /NDF:27.4/22

All: -0.008 $\pm$ 0.001 χ^2 /NDF: 69.0/42

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -45.262+/-0.452 χ^2/NDF : 471.1/5

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

Left In: -44.031+/-0.488 χ^2/NDF : 203.8/3

Left: -44.694+/-0.332 χ^2/NDF : 678.4/9

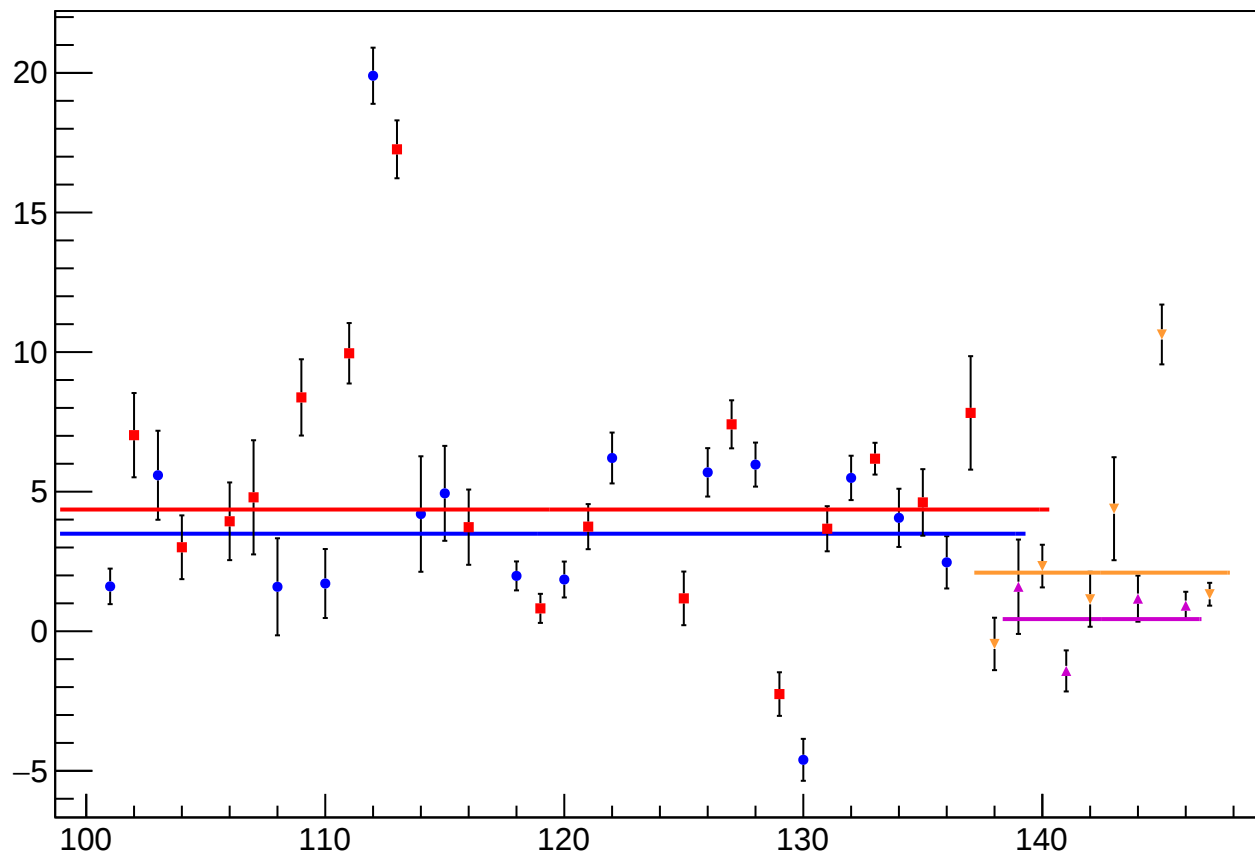
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.031+/-0.488 χ^2/NDF : 203.8/3

Out: -45.262+/-0.452 χ^2/NDF : 471.1/5

All: -44.694+/-0.332 χ^2/NDF : 678.4/9

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: 0.436 $\pm$ 0.360 χ^2 /NDF: 8.6/3

Left: 1.414 $\pm$ 0.231 χ^2 /NDF: 98.1/9

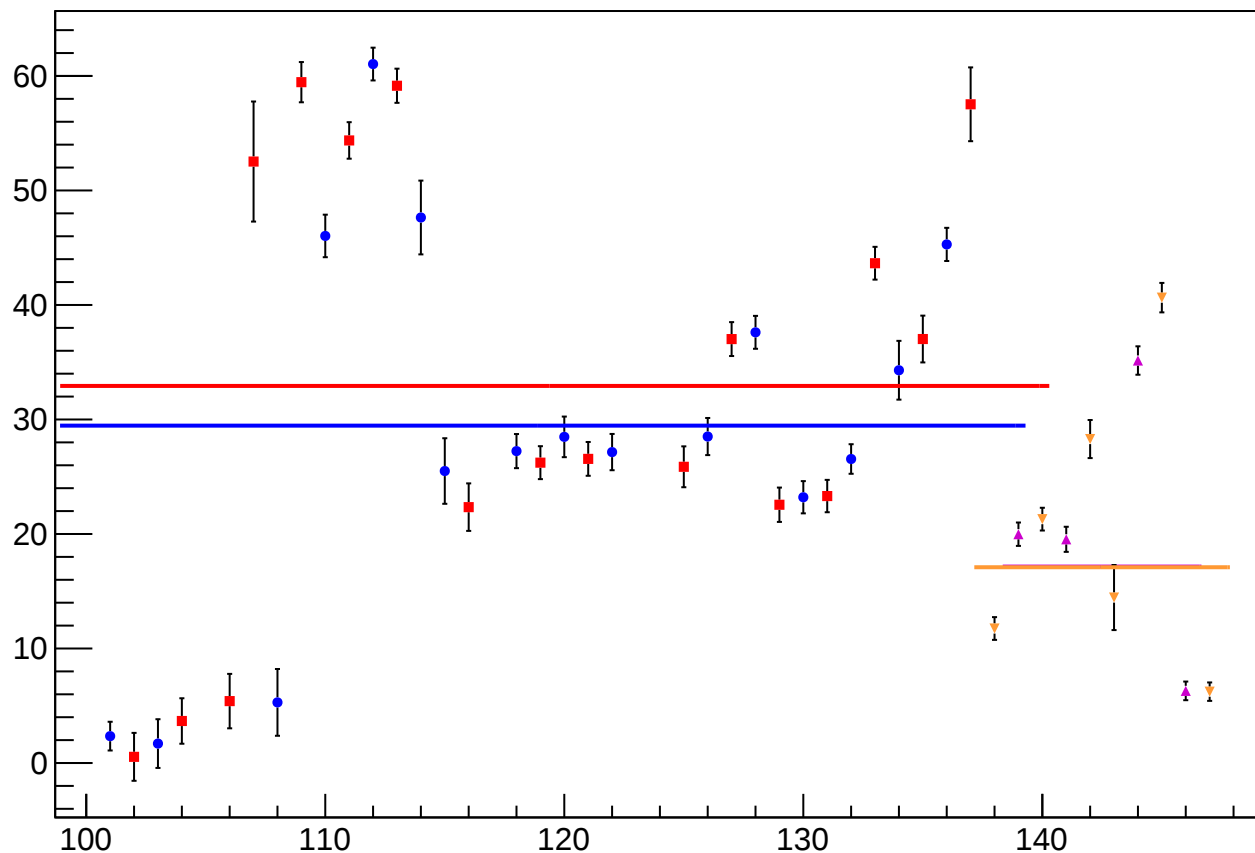
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.675 $\pm$ 0.186 χ^2 /NDF: 506.3/19

Out: 3.548 $\pm$ 0.180 χ^2 /NDF: 464.1/22

All: 3.126 $\pm$ 0.130 χ^2 /NDF: 981.7/42

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: 17.154 $\pm$ 0.503 χ^2/NDF :400.6/3

Left: 17.123 $\pm$ 0.341 χ^2/NDF : 1011.1/9

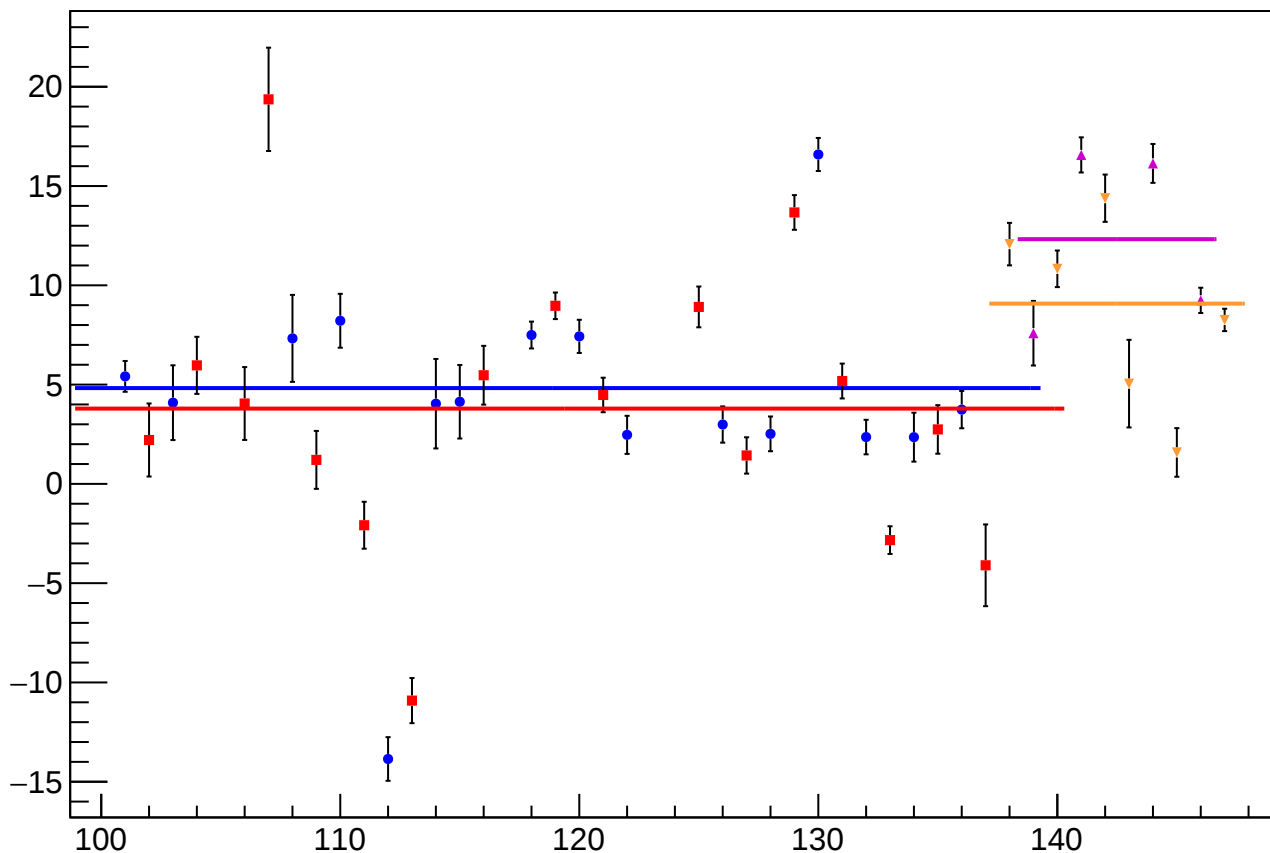
Right: 31.172 $\pm$ 0.297 χ^2/NDF : 3150.0/32

In: 24.443 $\pm$ 0.321 χ^2/NDF :2246.6/19

Out: 25.720 $\pm$ 0.313 χ^2/NDF :2871.4/22

All: 25.099 $\pm$ 0.224 χ^2/NDF : 5126.2/42

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.079 ± 0.384 $\chi^2/\text{NDF}: 74.2/5$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 12.324 ± 0.440 $\chi^2/\text{NDF}: 70.1/3$

Left: 10.482 ± 0.289 $\chi^2/\text{NDF}: 175.3/9$

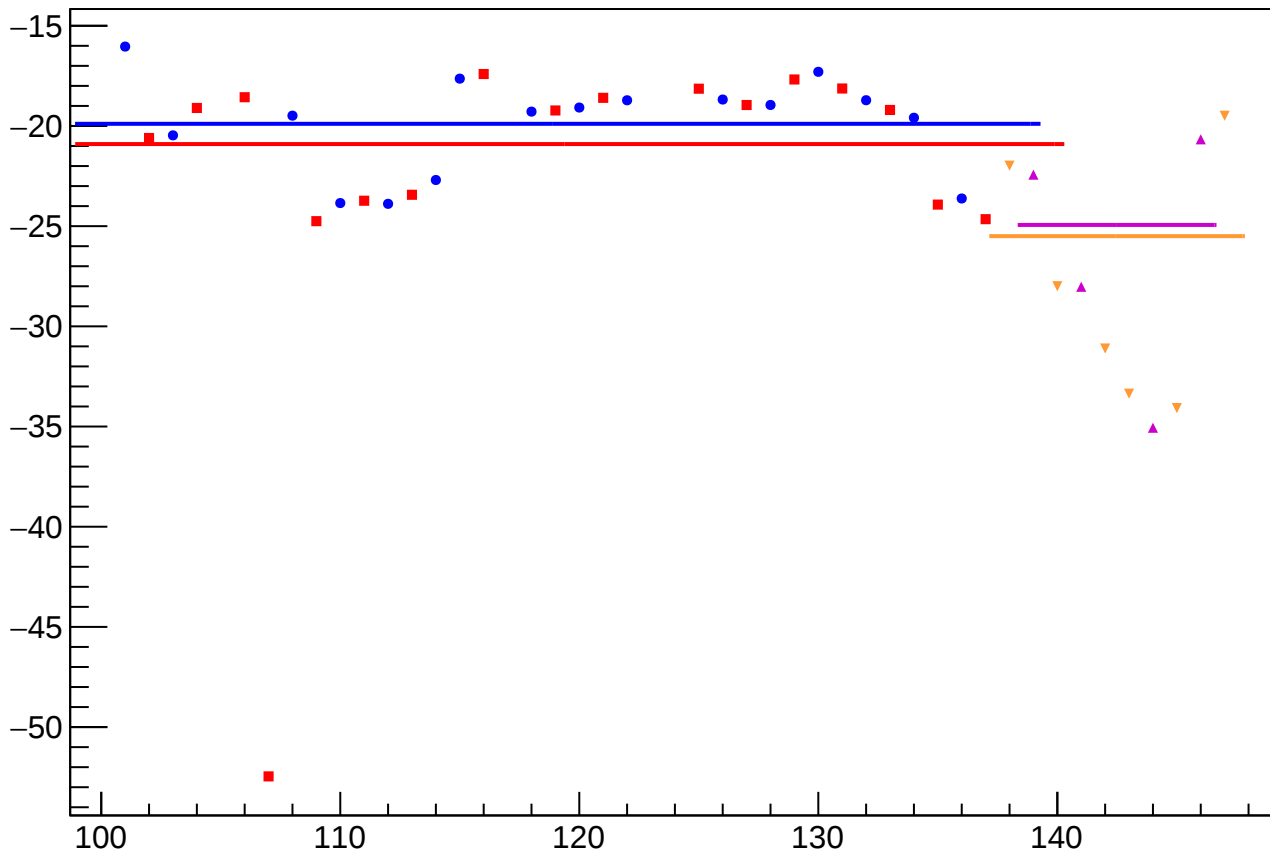
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 6.674 ± 0.218 $\chi^2/\text{NDF}: 842.1/19$

Out: 5.445 ± 0.215 $\chi^2/\text{NDF}: 768.2/22$

All: 6.049 ± 0.153 $\chi^2/\text{NDF}: 1626.4/42$

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: -24.939 $\pm$ 0.021 χ^2 /NDF: 57260.4/3

Left: -25.232 $\pm$ 0.014 χ^2 /NDF: 134426.1/9

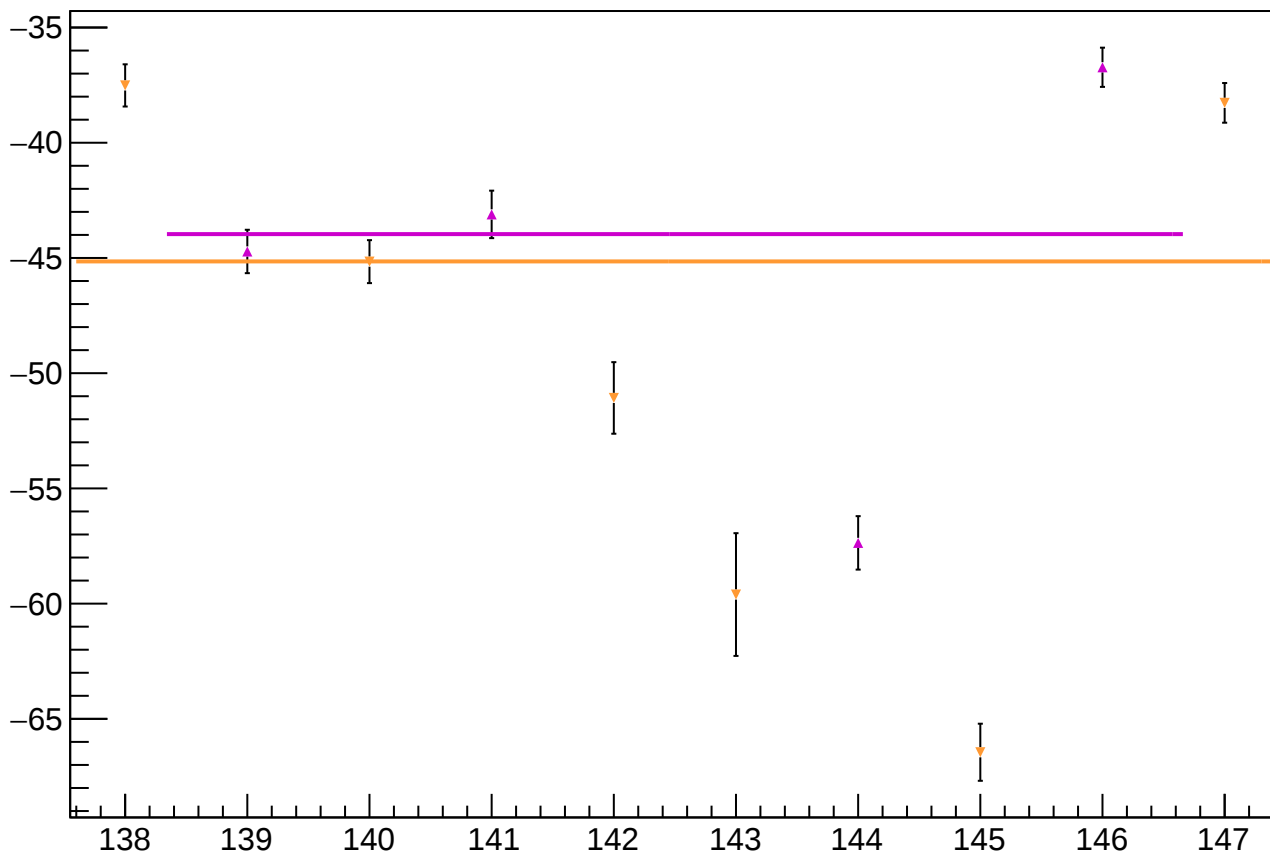
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.720 $\pm$ 0.012 χ^2 /NDF: 121309.2/19

Out: -22.691 $\pm$ 0.012 χ^2 /NDF: 202740.0/22

All: -22.211 $\pm$ 0.009 χ^2 /NDF: 327129.2/42

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -45.150+/-0.452 χ^2/NDF :473.1/5

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

Left In: -43.965+/-0.488 χ^2/NDF :207.2/3

Left: -44.603+/-0.332 χ^2/NDF : 683.4/9

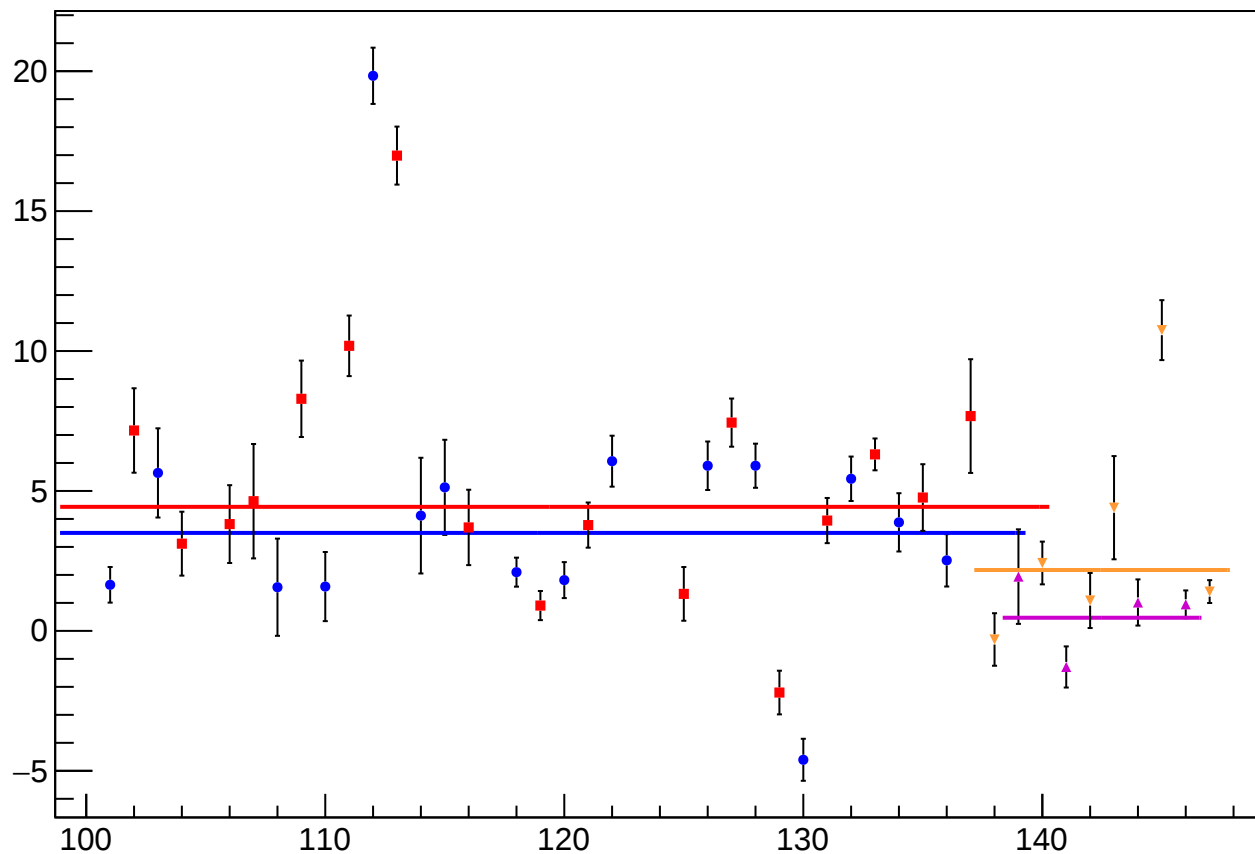
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.965+/-0.488 χ^2/NDF :207.2/3

Out: -45.150+/-0.452 χ^2/NDF :473.1/5

All: -44.603+/-0.332 χ^2/NDF : 683.4/9

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: 0.470 $\pm$ 0.360 χ^2 /NDF: 7.9/3

Left: 1.473 $\pm$ 0.231 χ^2 /NDF: 98.5/9

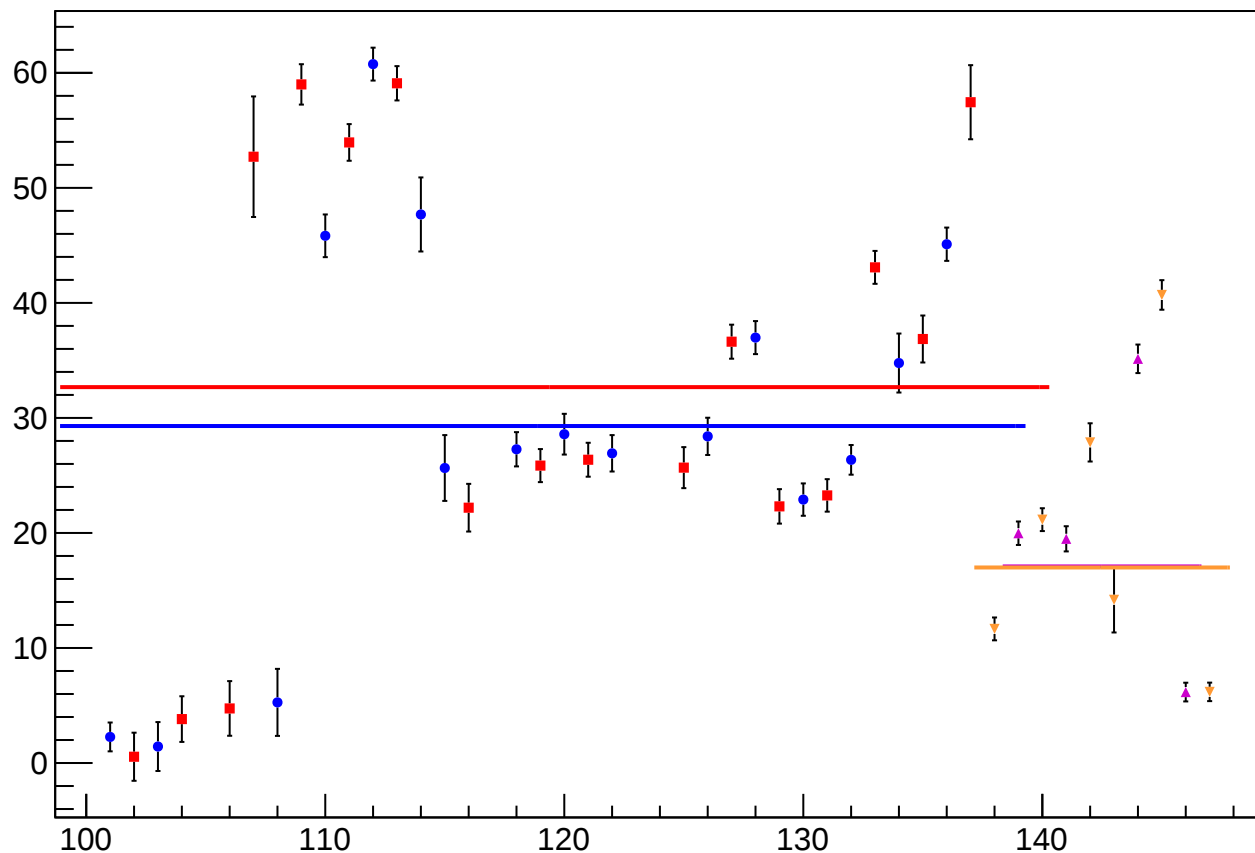
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.690 $\pm$ 0.186 χ^2 /NDF: 501.7/19

Out: 3.622 $\pm$ 0.180 χ^2 /NDF: 457.1/22

All: 3.171 $\pm$ 0.130 χ^2 /NDF: 971.8/42

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 16.999 $\pm$ 0.463 χ^2 /NDF:610.9/5

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 17.092 $\pm$ 0.503 χ^2 /NDF:404.9/3

Left: 17.041 $\pm$ 0.341 χ^2 /NDF: 1015.8/9

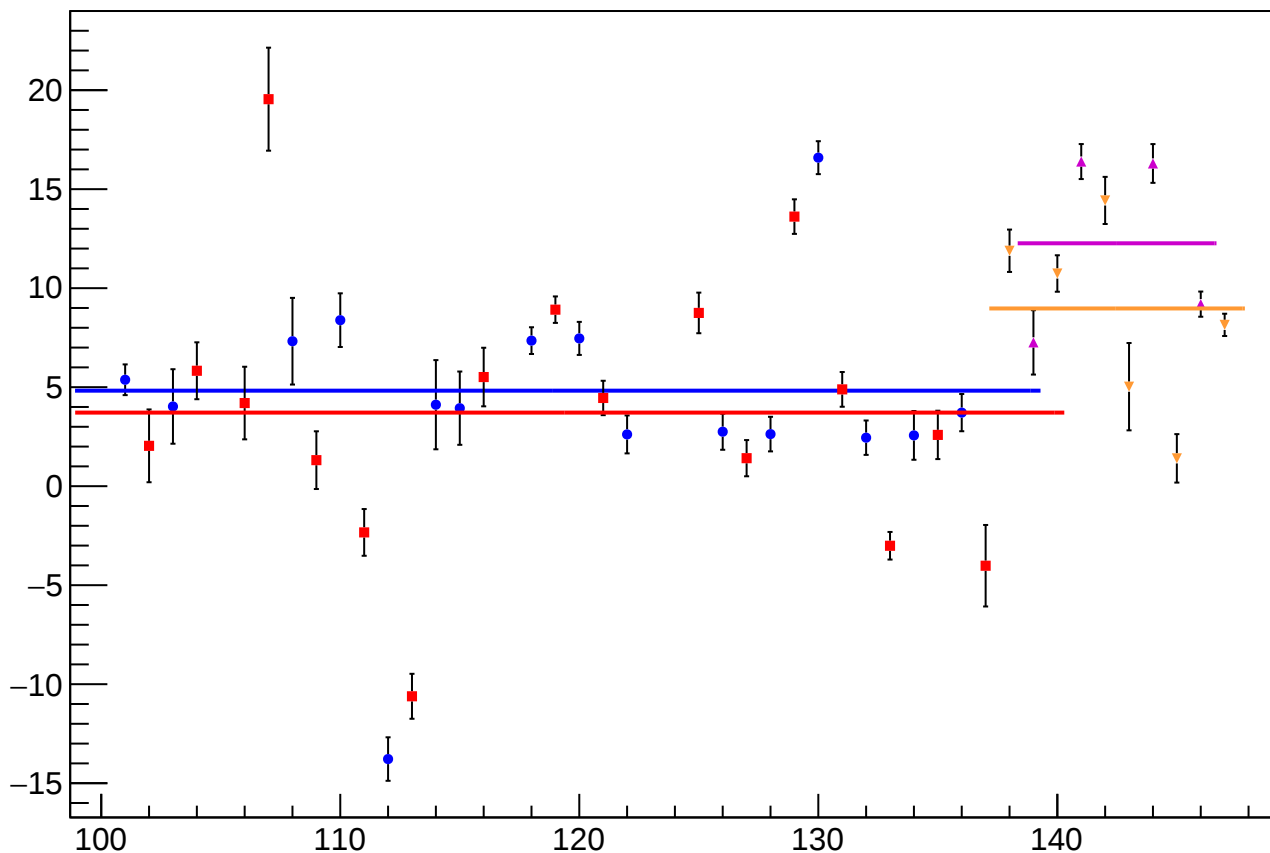
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 24.319 $\pm$ 0.321 χ^2 /NDF:2239.1/19

Out: 25.540 $\pm$ 0.312 χ^2 /NDF:2850.7/22

All: 24.946 $\pm$ 0.224 χ^2 /NDF: 5097.2/42

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 8.975 ± 0.384 $\chi^2/\text{NDF}: 75.8/5$

Right Out: 3.716 ± 0.259 $\chi^2/\text{NDF}: 559.9/16$

Left In: 12.267 ± 0.440 $\chi^2/\text{NDF}: 71.6/3$

Left: 10.399 ± 0.289 $\chi^2/\text{NDF}: 179.2/9$

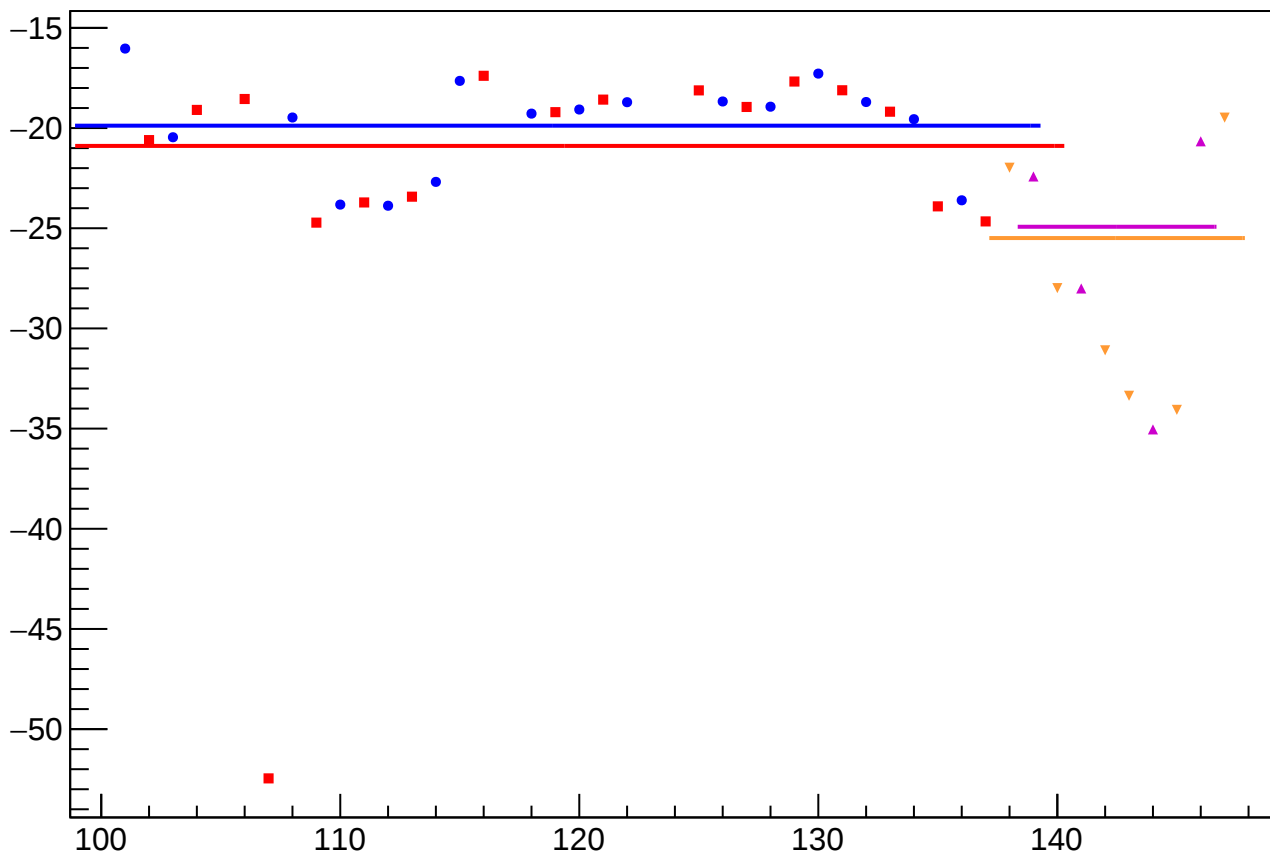
Right: 4.286 ± 0.180 $\chi^2/\text{NDF}: 1118.6/32$

In: 6.659 ± 0.218 $\chi^2/\text{NDF}: 836.8/19$

Out: 5.360 ± 0.215 $\chi^2/\text{NDF}: 764.8/22$

All: 5.998 ± 0.153 $\chi^2/\text{NDF}: 1619.6/42$

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: -24.926 $\pm$ 0.021 χ^2 /NDF: 57216.4/3

Left: -25.221 $\pm$ 0.014 χ^2 /NDF: 134435.4/9

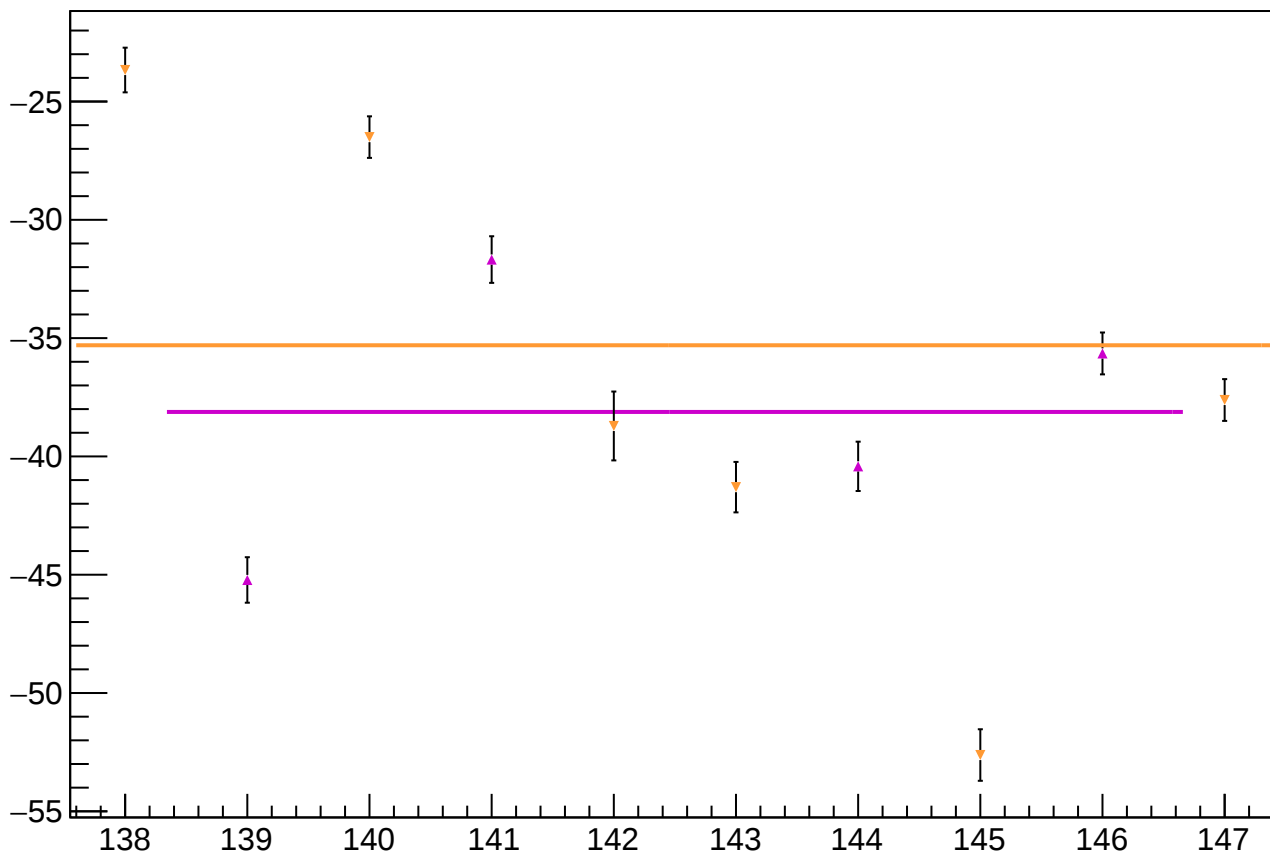
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.707 $\pm$ 0.012 χ^2 /NDF: 121281.5/19

Out: -22.679 $\pm$ 0.012 χ^2 /NDF: 203001.4/22

All: -22.199 $\pm$ 0.009 χ^2 /NDF: 327373.4/42

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.302+/-0.412 χ^2/NDF :548.9/5

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

Left In: -38.120+/-0.482 χ^2/NDF :109.9/3

Left: -36.492+/-0.313 χ^2/NDF : 678.6/9

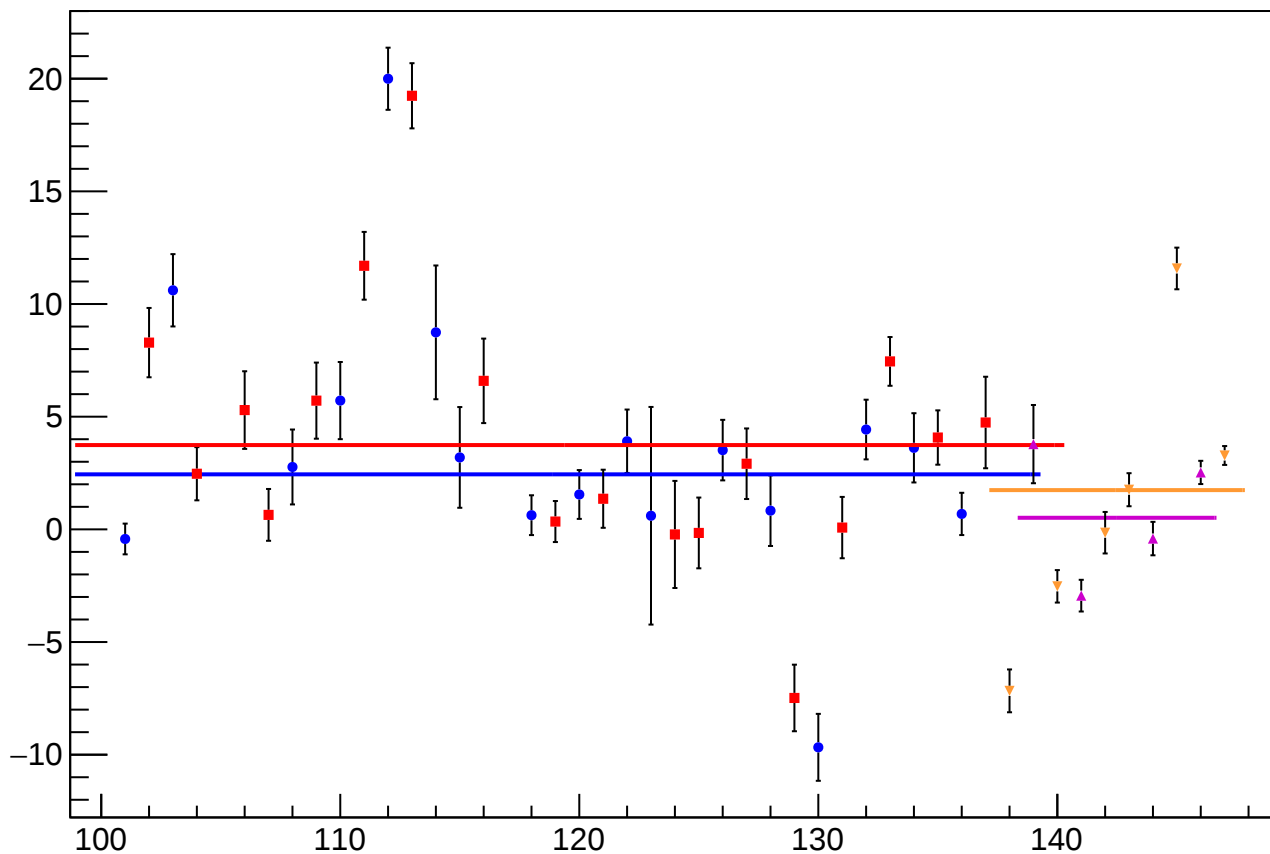
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.120+/-0.482 χ^2/NDF :109.9/3

Out: -35.302+/-0.412 χ^2/NDF :548.9/5

All: -36.492+/-0.313 χ^2/NDF : 678.6/9

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: 0.514 ± 0.355 $\chi^2/\text{NDF}: 44.5/3$

Left: 1.275 ± 0.219 $\chi^2/\text{NDF}: 305.8/9$

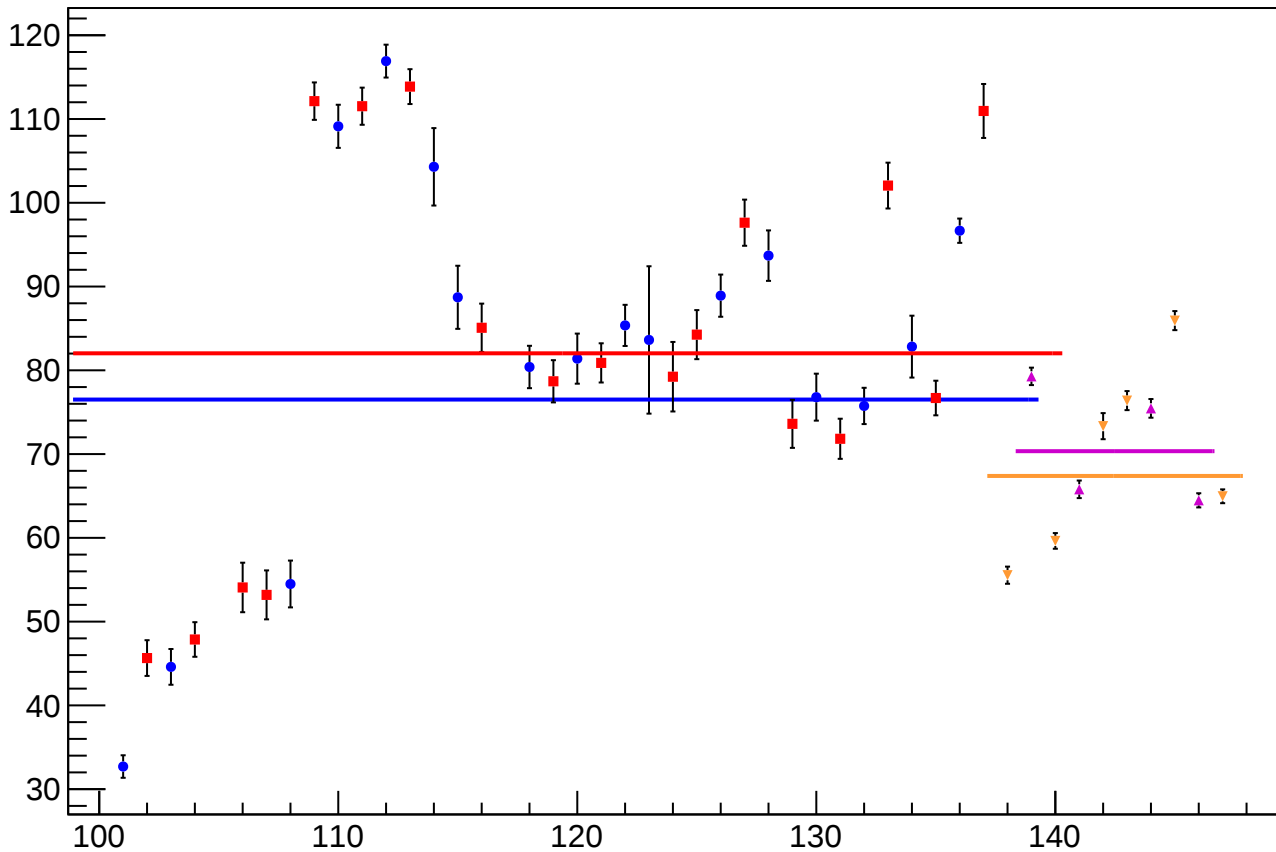
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 1.603 ± 0.234 $\chi^2/\text{NDF}: 355.8/20$

Out: 2.581 ± 0.212 $\chi^2/\text{NDF}: 543.8/23$

All: 2.141 ± 0.157 $\chi^2/\text{NDF}: 909.2/44$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 67.389+/-0.425 χ^2/NDF :554.3/5

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 70.346+/-0.498 χ^2/NDF :161.6/3

Left: 68.637+/-0.323 χ^2/NDF : 736.3/9

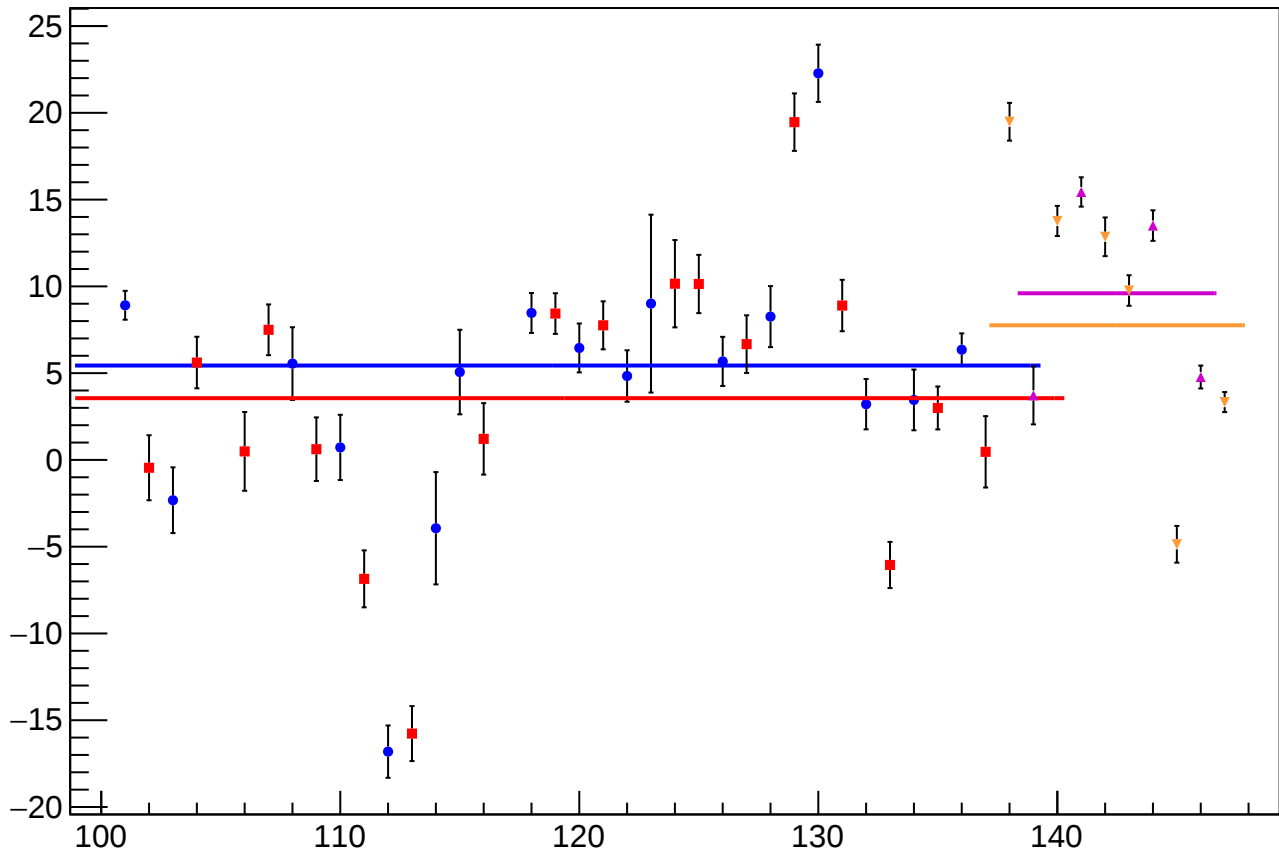
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 72.990+/-0.376 χ^2/NDF :2478.3/20

Out: 72.367+/-0.346 χ^2/NDF :2505.0/23

All: 72.652+/-0.254 χ^2/NDF : 4984.8/44

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2/NDF : 386.2/16

Left Out: 7.759 $\pm$ 0.350 χ^2/NDF :391.1/5

Right Out: 3.557 $\pm$ 0.375 χ^2/NDF : 420.6/17

Left In: 9.603 $\pm$ 0.433 χ^2/NDF :133.2/3

Left: 8.488 $\pm$ 0.272 χ^2/NDF : 535.3/9

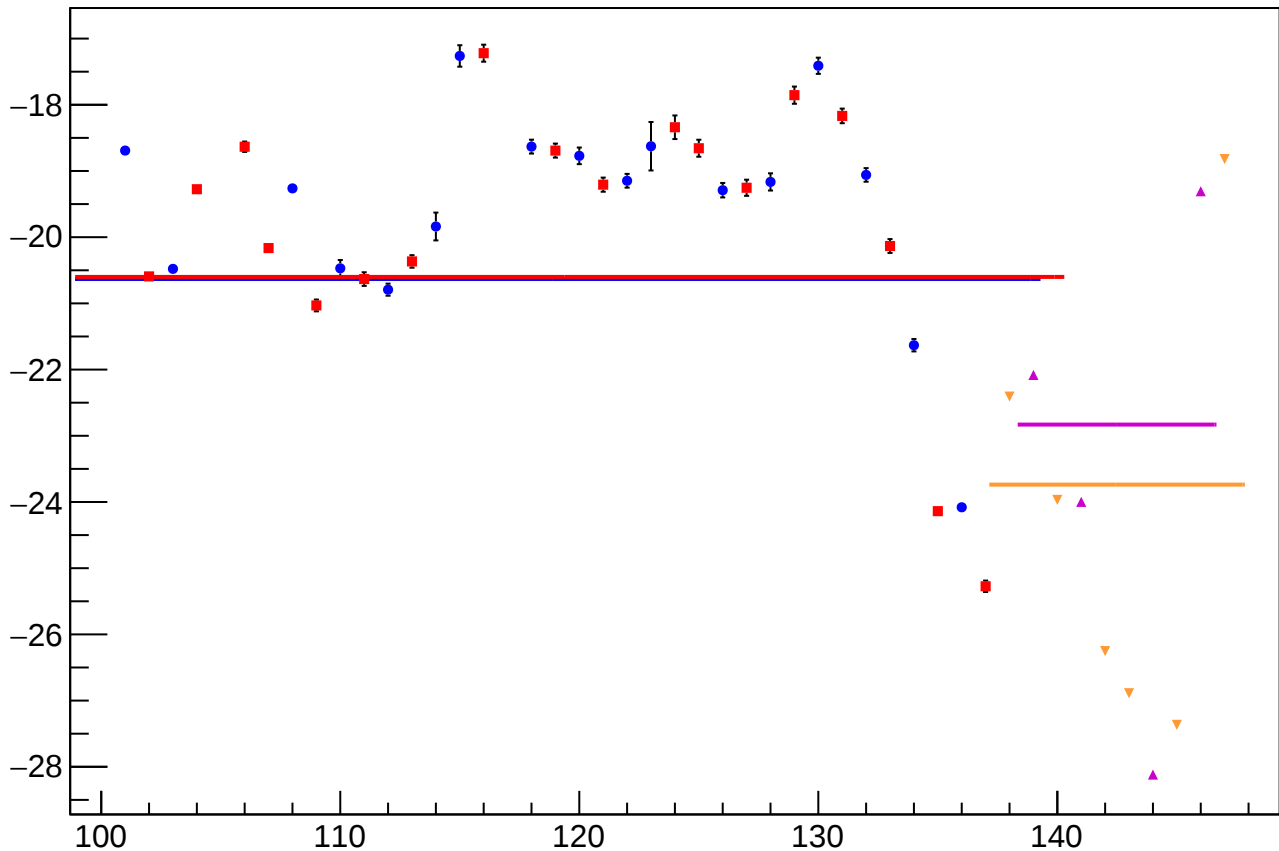
Right: 4.542 $\pm$ 0.259 χ^2/NDF : 819.9/34

In: 7.130 $\pm$ 0.276 χ^2/NDF :574.4/20

Out: 5.803 $\pm$ 0.256 χ^2/NDF :878.7/23

All: 6.418 $\pm$ 0.188 χ^2/NDF : 1465.6/44

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: -22.831 $\pm$ 0.021 χ^2 /NDF: 21092.6/3

Left: -23.344 $\pm$ 0.014 χ^2 /NDF: 52244.6/9

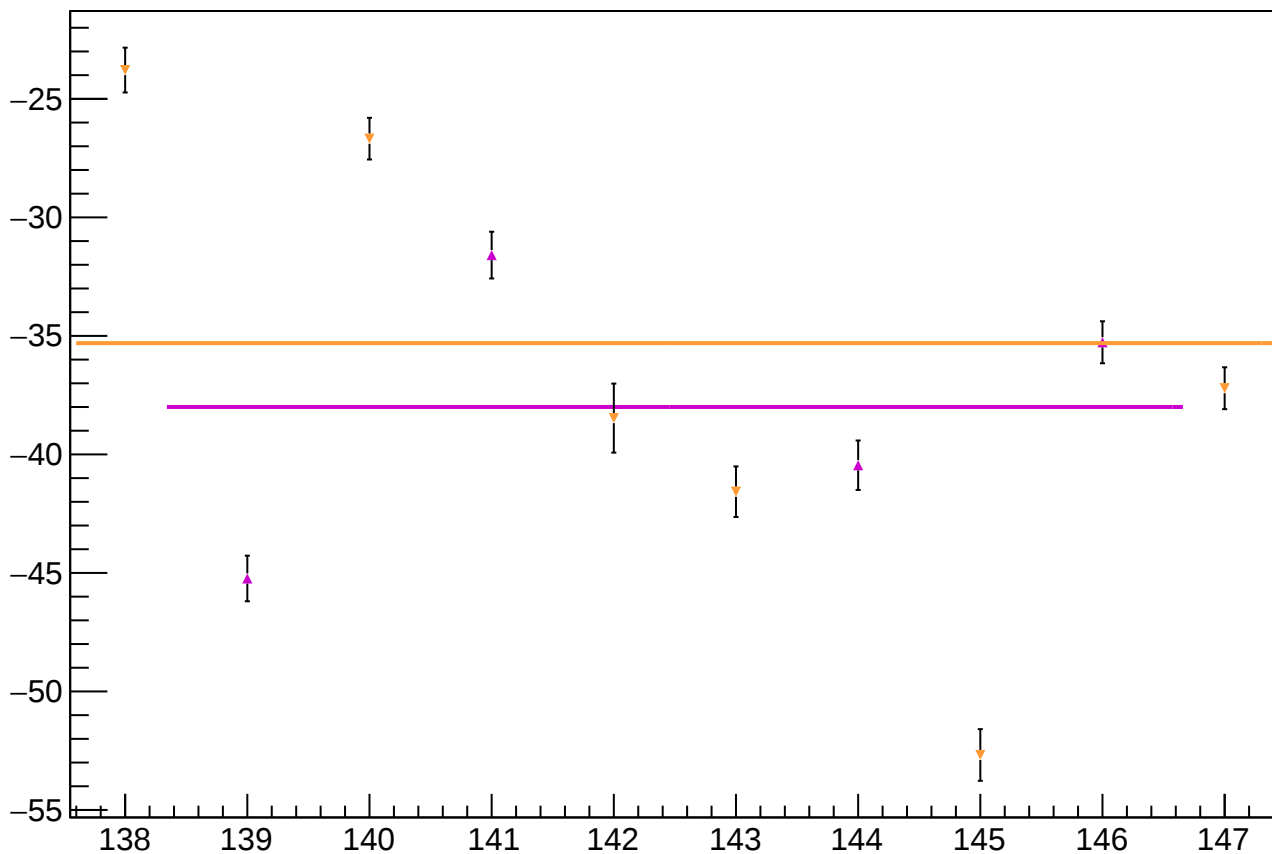
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -21.664 $\pm$ 0.014 χ^2 /NDF: 39693.1/20

Out: -22.294 $\pm$ 0.013 χ^2 /NDF: 56061.7/23

All: -21.999 $\pm$ 0.010 χ^2 /NDF: 96825.4/44

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: -37.998+/-0.482 χ^2/NDF :113.8/3

Left: -36.442+/-0.313 χ^2/NDF : 674.8/9

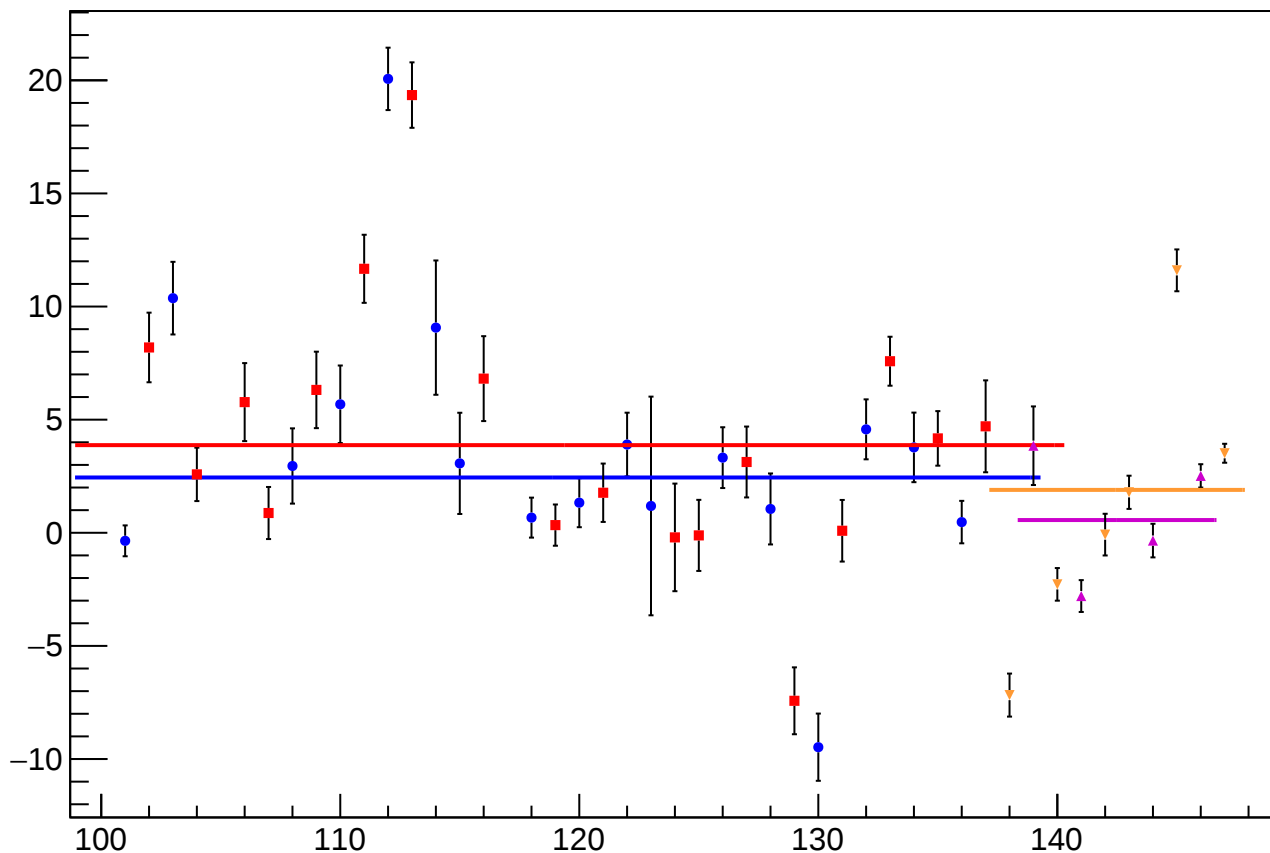
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.998+/-0.482 χ^2/NDF :113.8/3

Out: -35.305+/-0.412 χ^2/NDF :543.0/5

All: -36.442+/-0.313 χ^2/NDF : 674.8/9

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 1.896 $\pm$ 0.278 χ^2 /NDF:254.2/5

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 0.563 $\pm$ 0.355 χ^2 /NDF:42.2/3

Left: 1.390 $\pm$ 0.219 χ^2 /NDF: 305.1/9

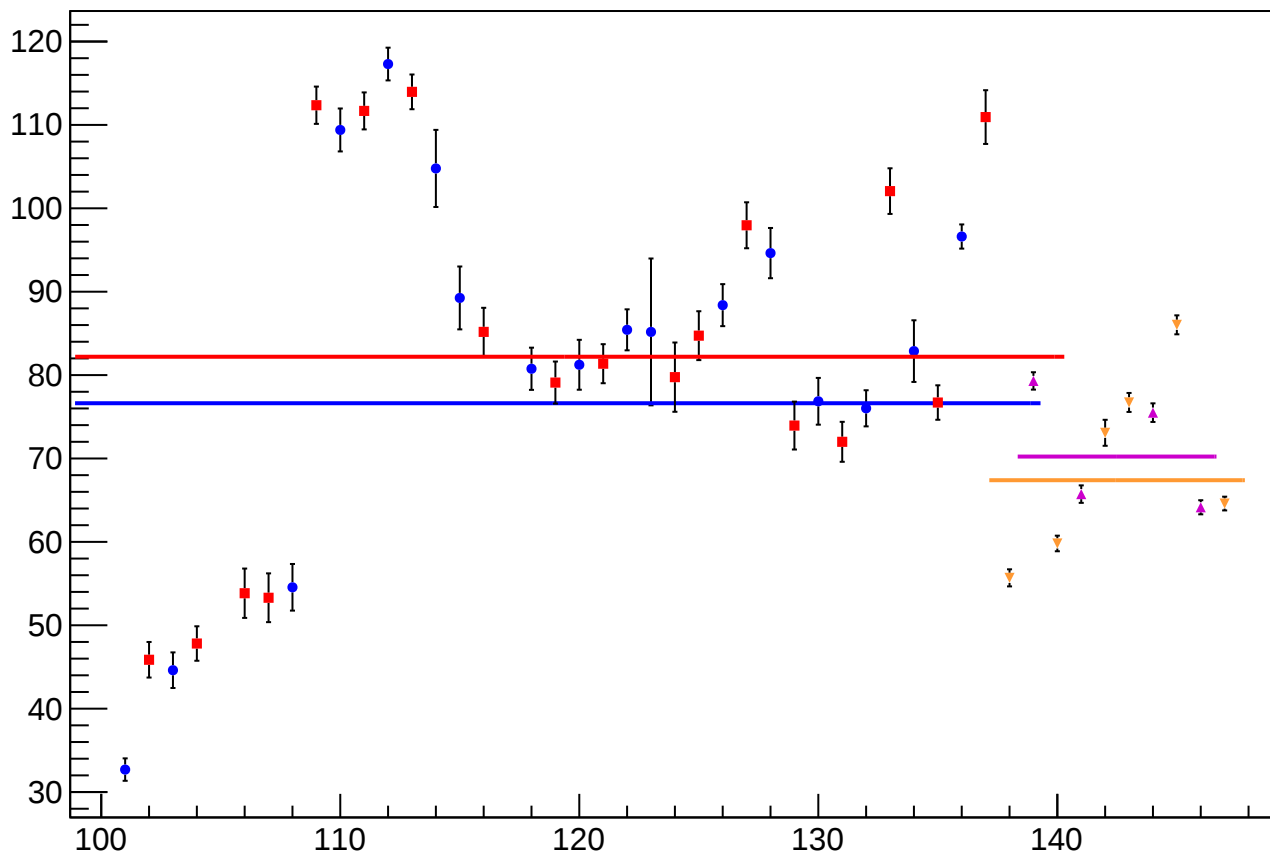
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 1.626 $\pm$ 0.234 χ^2 /NDF:350.7/20

Out: 2.726 $\pm$ 0.212 χ^2 /NDF:543.7/23

All: 2.232 $\pm$ 0.157 χ^2 /NDF: 906.6/44

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: 70.231 $\pm$ 0.498 χ^2 /NDF: 168.1/3

Left: 68.592 $\pm$ 0.324 χ^2 /NDF: 743.2/9

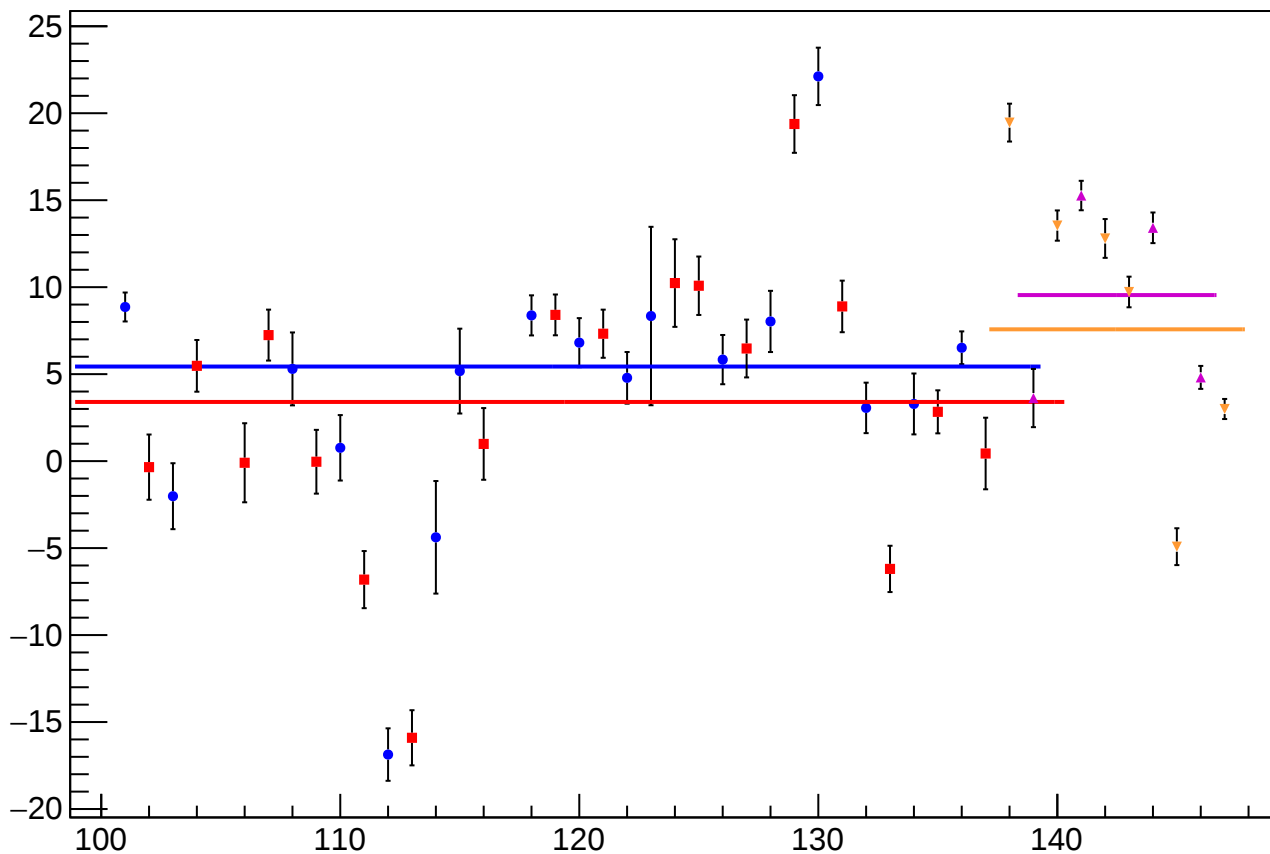
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 72.976 $\pm$ 0.376 χ^2 /NDF: 2501.7/20

Out: 72.429 $\pm$ 0.346 χ^2 /NDF: 2518.1/23

All: 72.679 $\pm$ 0.255 χ^2 /NDF: 5020.9/44

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.576 ± 0.350 $\chi^2/\text{NDF}: 396.2/5$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 9.545 ± 0.433 $\chi^2/\text{NDF}: 128.9/3$

Left: 8.355 ± 0.272 $\chi^2/\text{NDF}: 537.6/9$

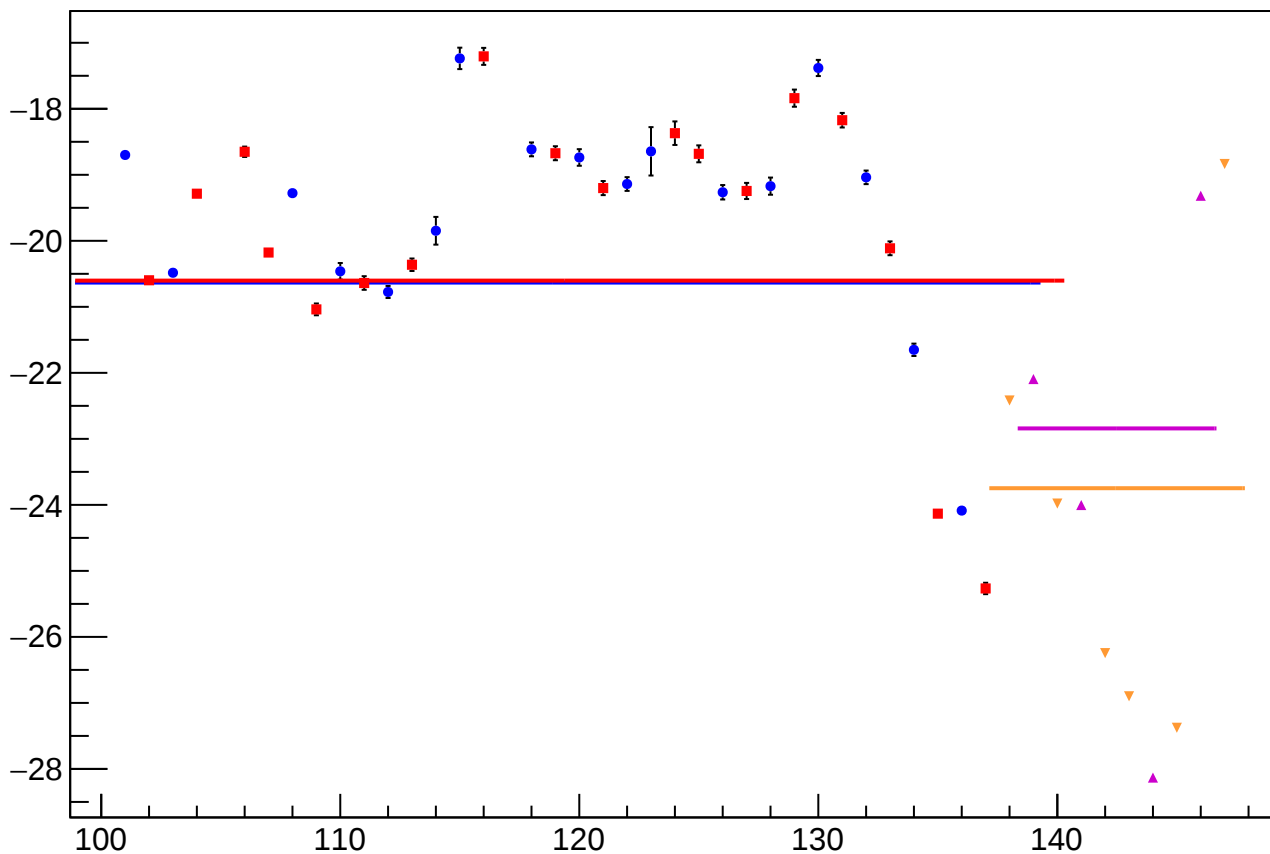
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.106 ± 0.276 $\chi^2/\text{NDF}: 566.9/20$

Out: 5.633 ± 0.256 $\chi^2/\text{NDF}: 883.3/23$

All: 6.315 ± 0.188 $\chi^2/\text{NDF}: 1465.4/44$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -23.748 $\pm$ 0.018 χ^2 /NDF: 29958.1/5

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -22.842 $\pm$ 0.021 χ^2 /NDF: 21060.3/3

Left: -23.355 $\pm$ 0.014 χ^2 /NDF: 52120.6/9

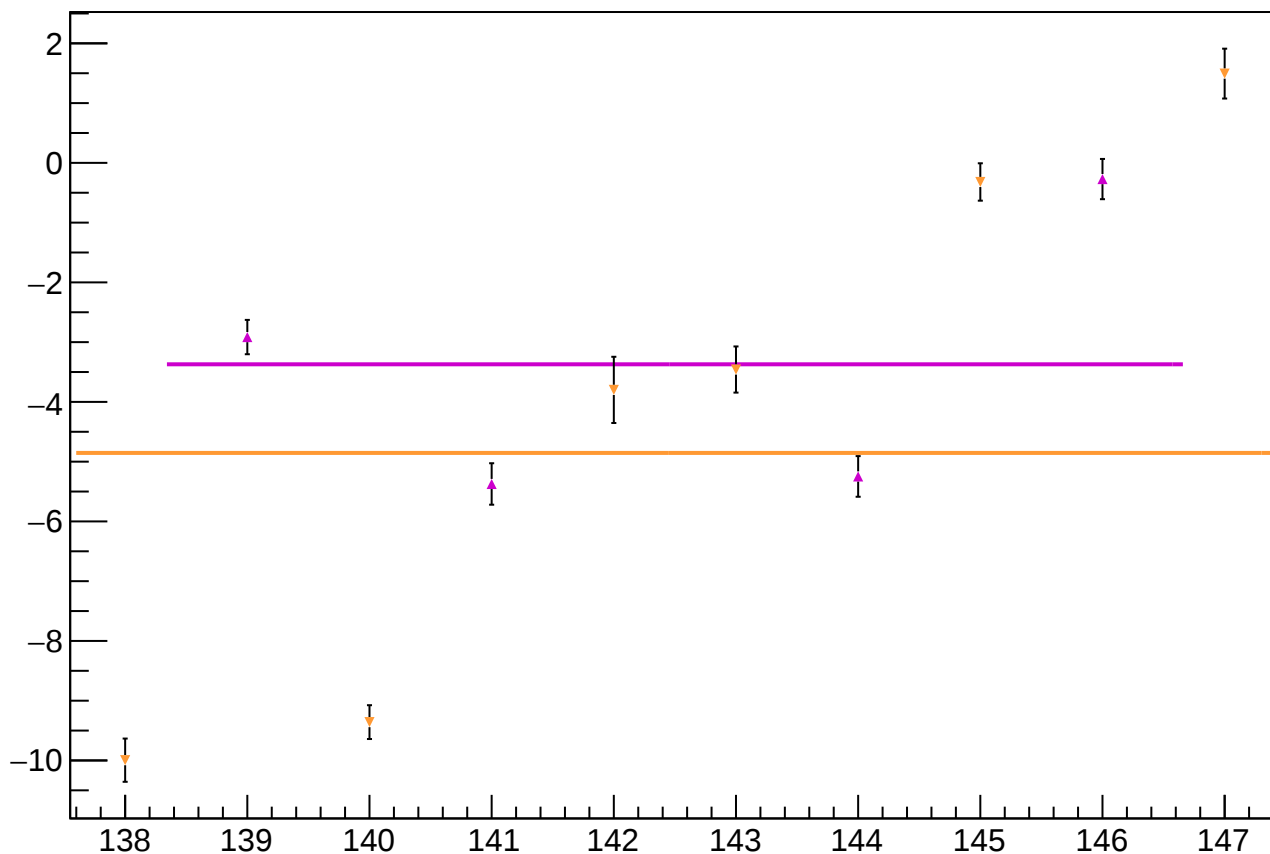
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -21.669 $\pm$ 0.014 χ^2 /NDF: 39751.4/20

Out: -22.301 $\pm$ 0.013 χ^2 /NDF: 55976.3/23

All: -22.005 $\pm$ 0.010 χ^2 /NDF: 96800.8/44

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: -3.371+/-0.162 χ^2/NDF : 151.0/3

Left: -4.184+/-0.109 χ^2/NDF : 1110.2/9

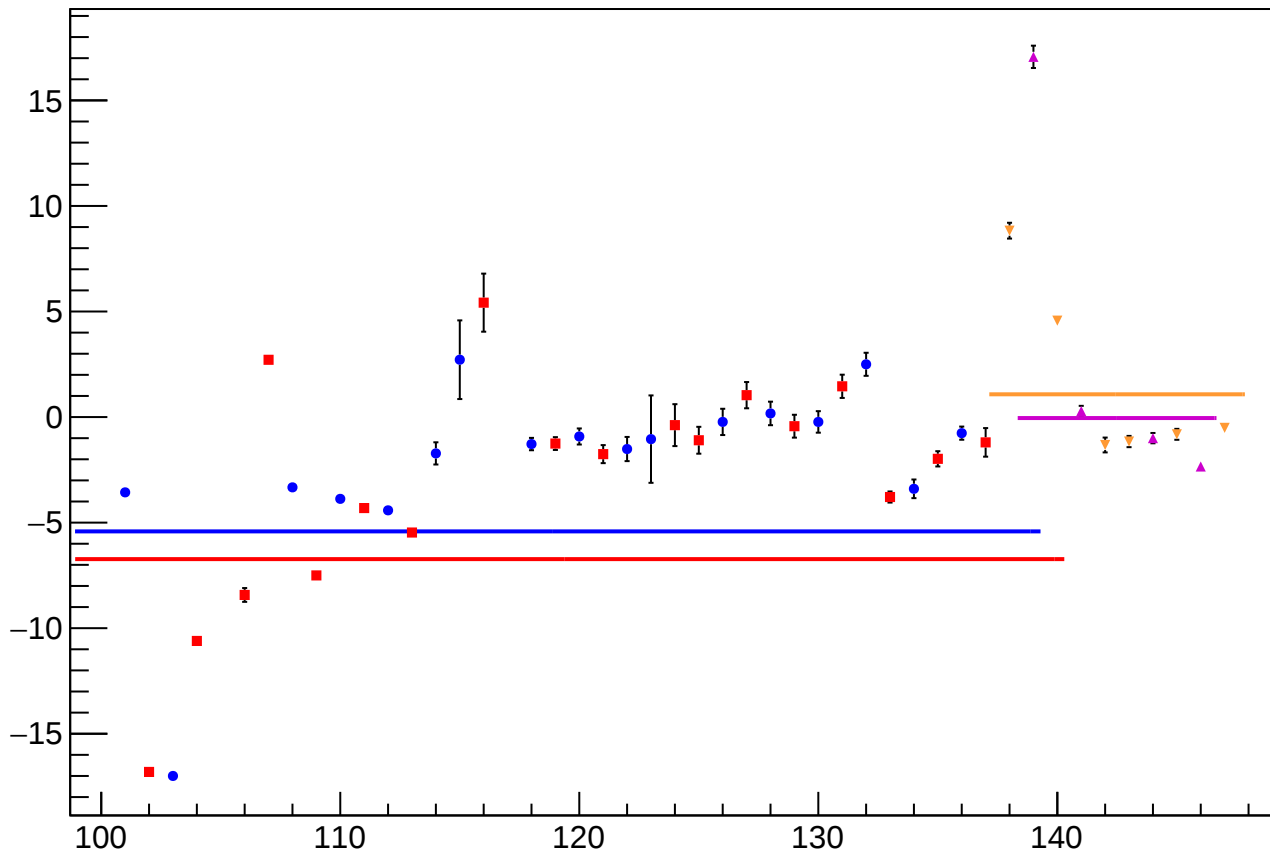
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.371+/-0.162 χ^2/NDF : 151.0/3

Out: -4.854+/-0.147 χ^2/NDF : 913.6/5

All: -4.184+/-0.109 χ^2/NDF : 1110.2/9

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.626 ± 0.083 $\chi^2/\text{NDF}: 2104.7/9$

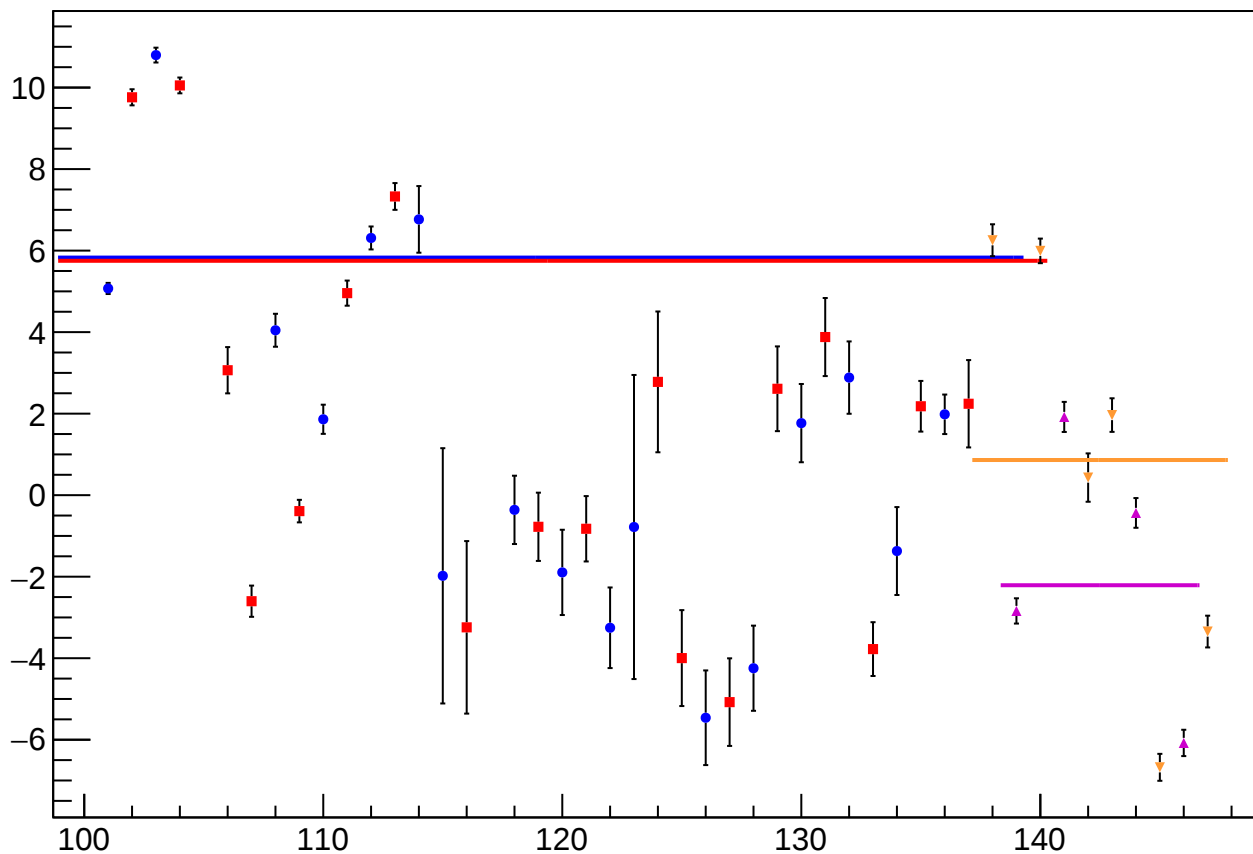
Right: -6.014 ± 0.040 $\chi^2/\text{NDF}: 20734.4/34$

In: -4.614 ± 0.051 $\chi^2/\text{NDF}: 11868.4/20$

Out: -4.875 ± 0.052 $\chi^2/\text{NDF}: 16143.0/23$

All: -4.740 ± 0.036 $\chi^2/\text{NDF}: 28024.4/44$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 0.863 $\pm$ 0.154 χ^2 /NDF:1123.1/5

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -2.210 $\pm$ 0.169 χ^2 /NDF:296.6/3

Left: -0.532 $\pm$ 0.114 χ^2 /NDF: 1599.5/9

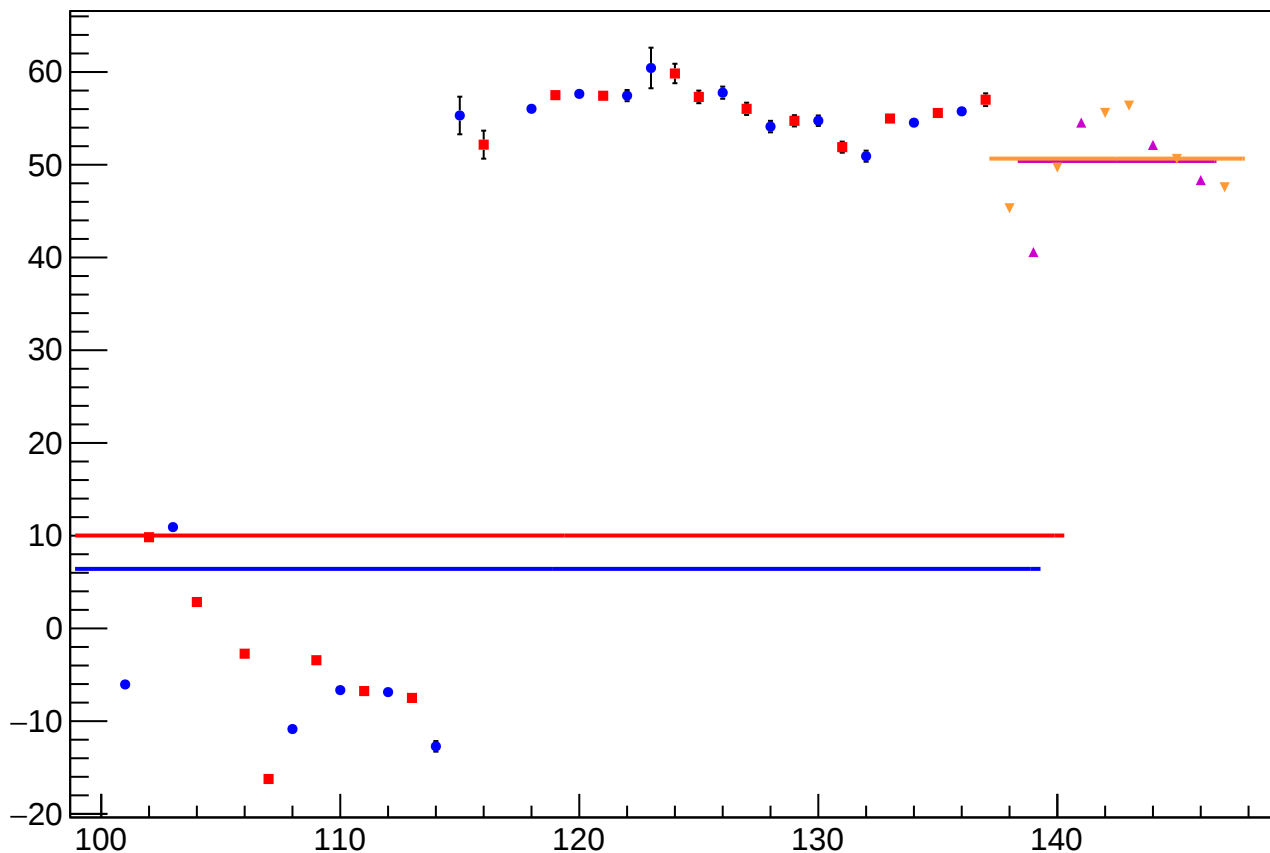
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 4.070 $\pm$ 0.079 χ^2 /NDF:3505.2/20

Out: 4.382 $\pm$ 0.082 χ^2 /NDF:4356.2/23

All: 4.221 $\pm$ 0.057 χ^2 /NDF: 7868.9/44

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: 50.408 ± 0.155 χ^2/NDF : 659.3/3

Left: 50.556 ± 0.100 χ^2/NDF : 1413.0/9

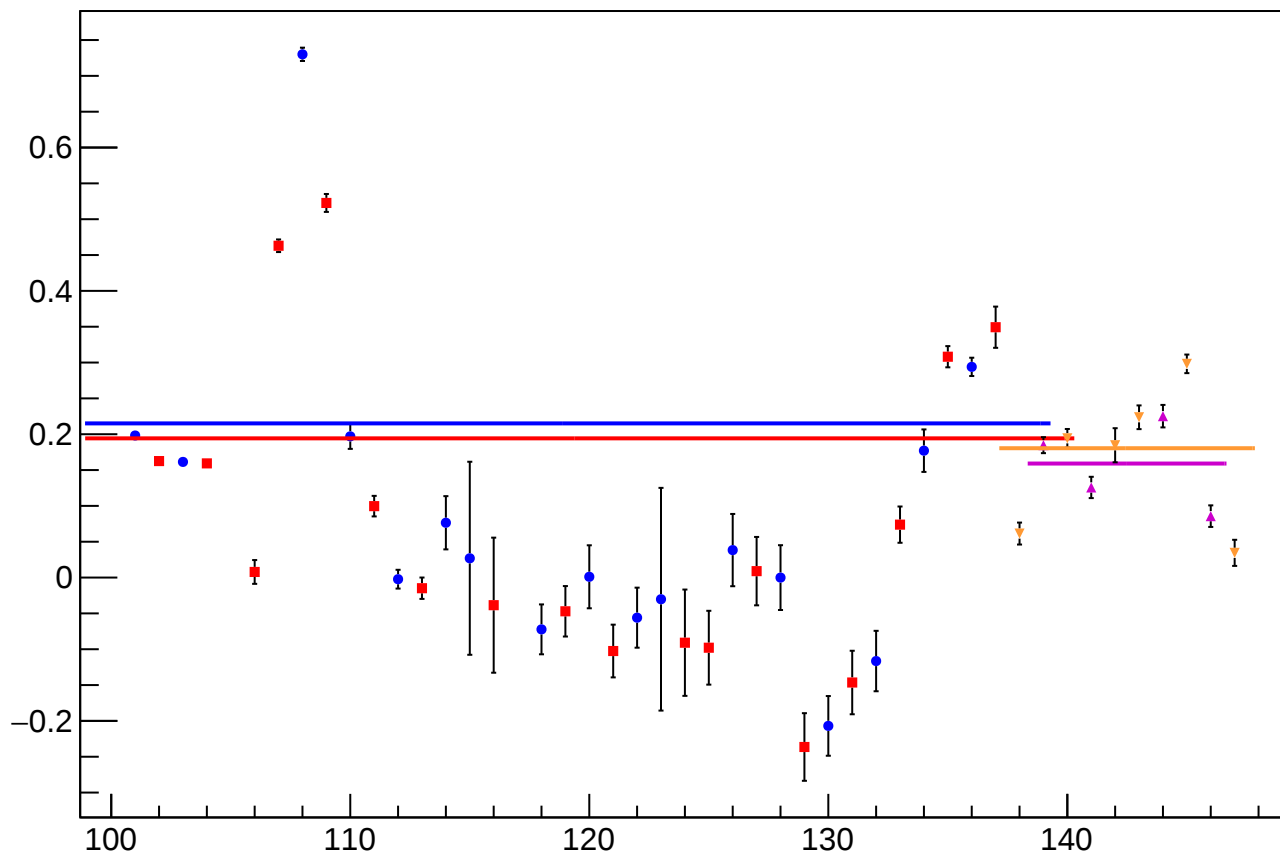
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 12.920 ± 0.060 χ^2/NDF : 191989.6/20

Out: 19.150 ± 0.062 χ^2/NDF : 197035.9/23

All: 15.907 ± 0.043 χ^2/NDF : 394237.0/44

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: 0.159 ± 0.007 $\chi^2/\text{NDF}: 51.9/3$

Left: 0.171 ± 0.005 $\chi^2/\text{NDF}: 272.2/9$

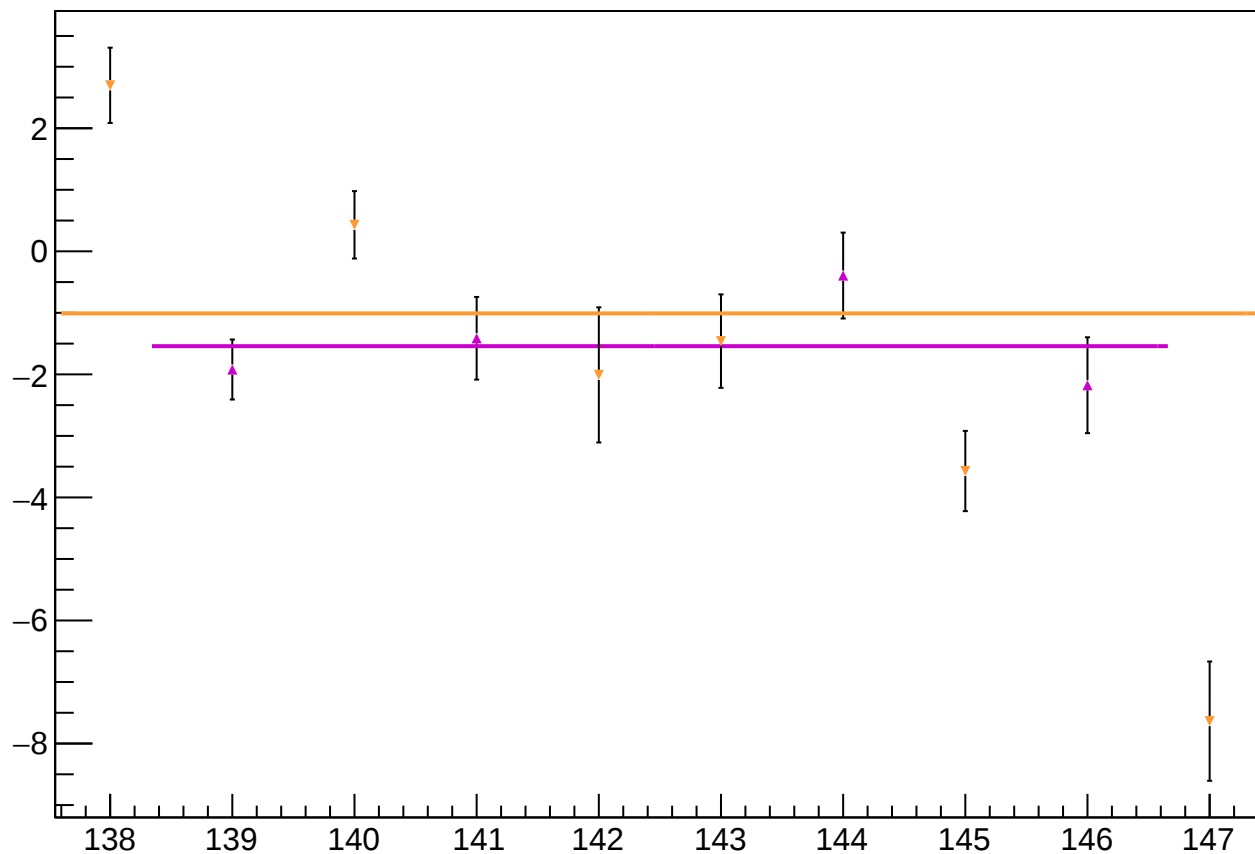
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.207 ± 0.003 $\chi^2/\text{NDF}: 4035.9/20$

Out: 0.192 ± 0.003 $\chi^2/\text{NDF}: 2739.2/23$

All: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6793.0/44$

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: -1.542+/-0.314 χ^2/NDF :4.0/3

Left: -1.253+/-0.213 χ^2/NDF : 112.5/9

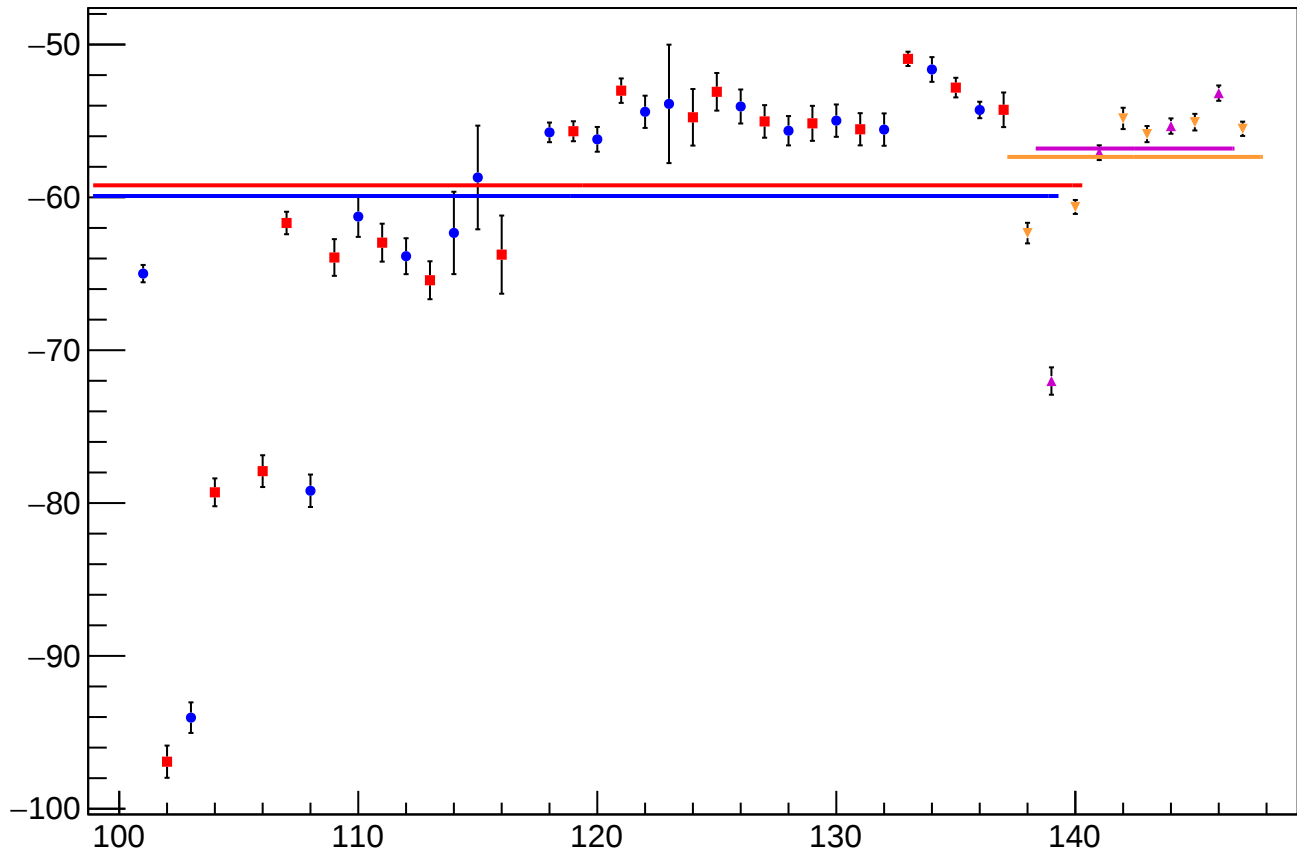
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.542+/-0.314 χ^2/NDF :4.0/3

Out: -1.009+/-0.289 χ^2/NDF :106.9/5

All: -1.253+/-0.213 χ^2/NDF : 112.5/9

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: -56.804 ± 0.273 χ^2/NDF : 349.7/3

Left: -57.136 ± 0.171 χ^2/NDF : 512.2/9

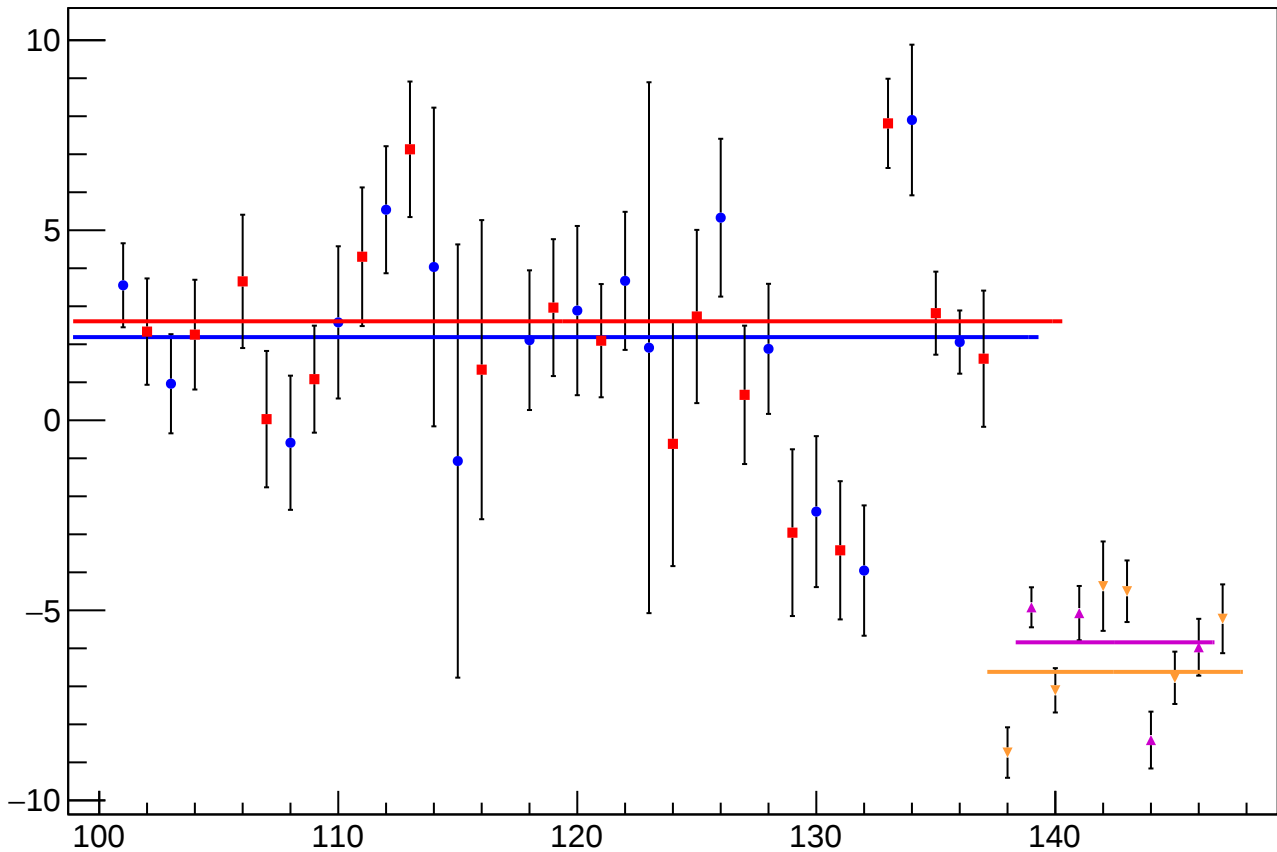
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.664 ± 0.173 χ^2/NDF : 2408.3/20

Out: -58.316 ± 0.153 χ^2/NDF : 2939.9/23

All: -58.469 ± 0.114 χ^2/NDF : 5350.4/44

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: -5.842 ± 0.331 $\chi^2/\text{NDF}: 16.1/3$

Left: -6.262 ± 0.224 $\chi^2/\text{NDF}: 42.9/9$

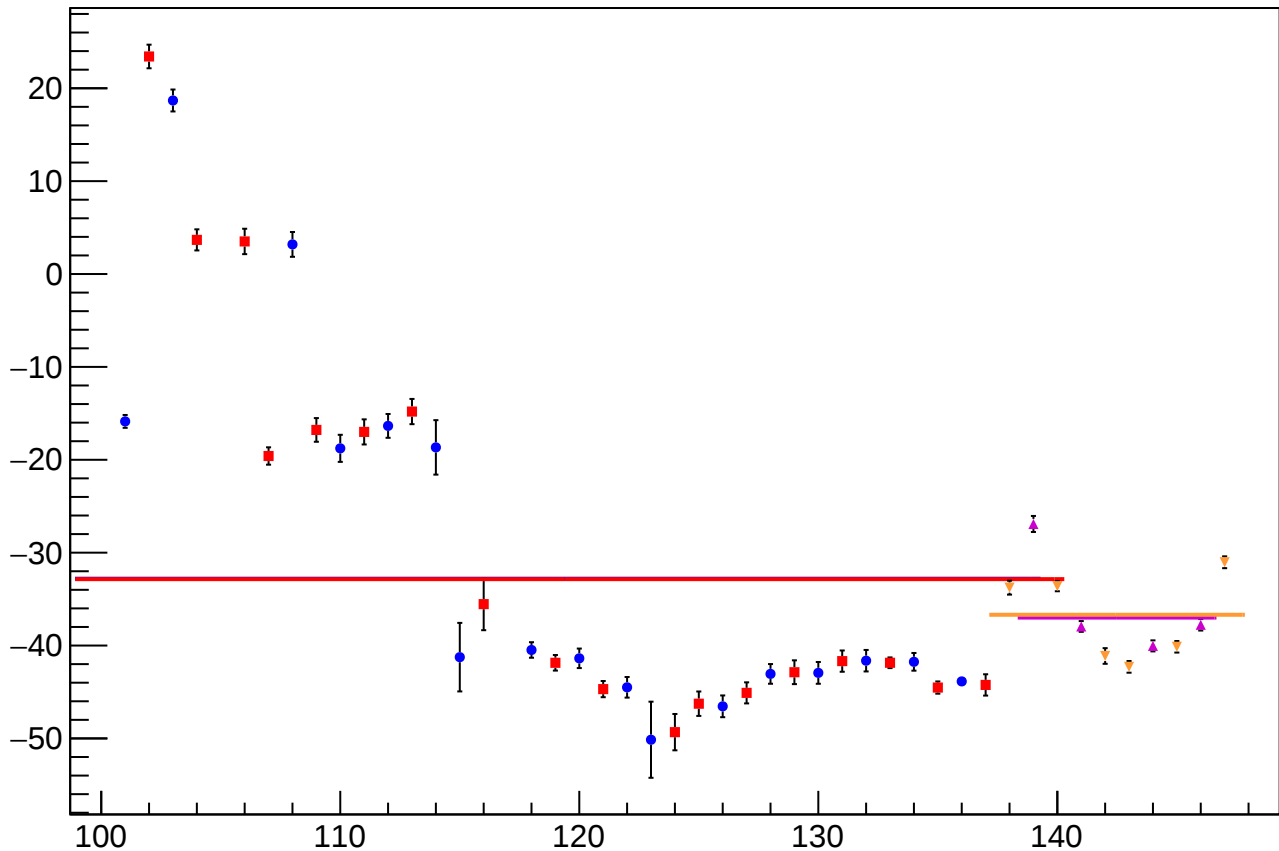
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -2.625 ± 0.256 $\chi^2/\text{NDF}: 291.3/20$

Out: -3.134 ± 0.240 $\chi^2/\text{NDF}: 421.2/23$

All: -2.896 ± 0.175 $\chi^2/\text{NDF}: 714.6/44$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -36.686 ± 0.267 $\chi^2/\text{NDF}: 262.7/5$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.989 ± 0.320 $\chi^2/\text{NDF}: 167.0/3$

Left: -36.811 ± 0.205 $\chi^2/\text{NDF}: 430.3/9$

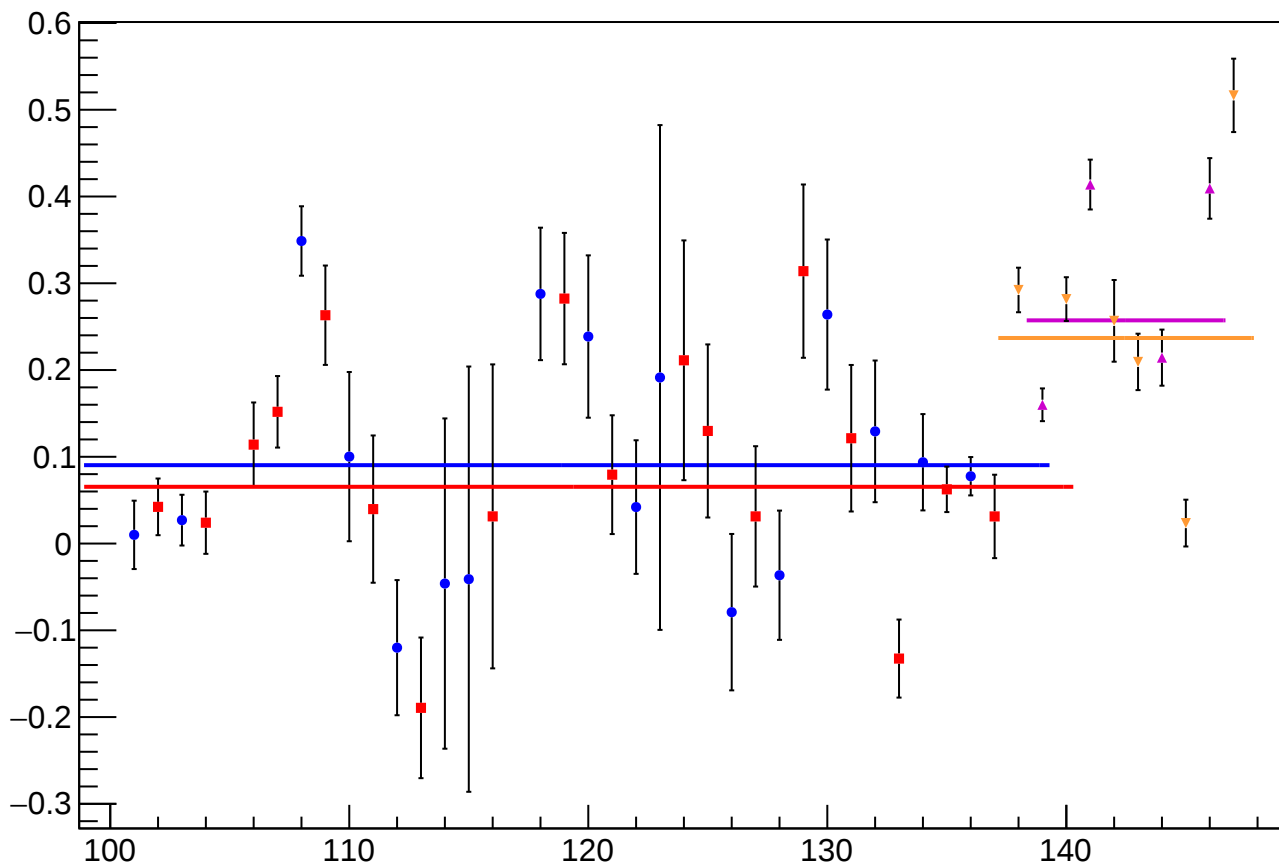
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -34.426 ± 0.199 $\chi^2/\text{NDF}: 4934.6/20$

Out: -34.601 ± 0.180 $\chi^2/\text{NDF}: 6125.5/23$

All: -34.522 ± 0.134 $\chi^2/\text{NDF}: 11060.5/44$

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: 0.257 ± 0.013 $\chi^2/\text{NDF}: 77.0/3$

Left: 0.247 ± 0.009 $\chi^2/\text{NDF}: 193.2/9$

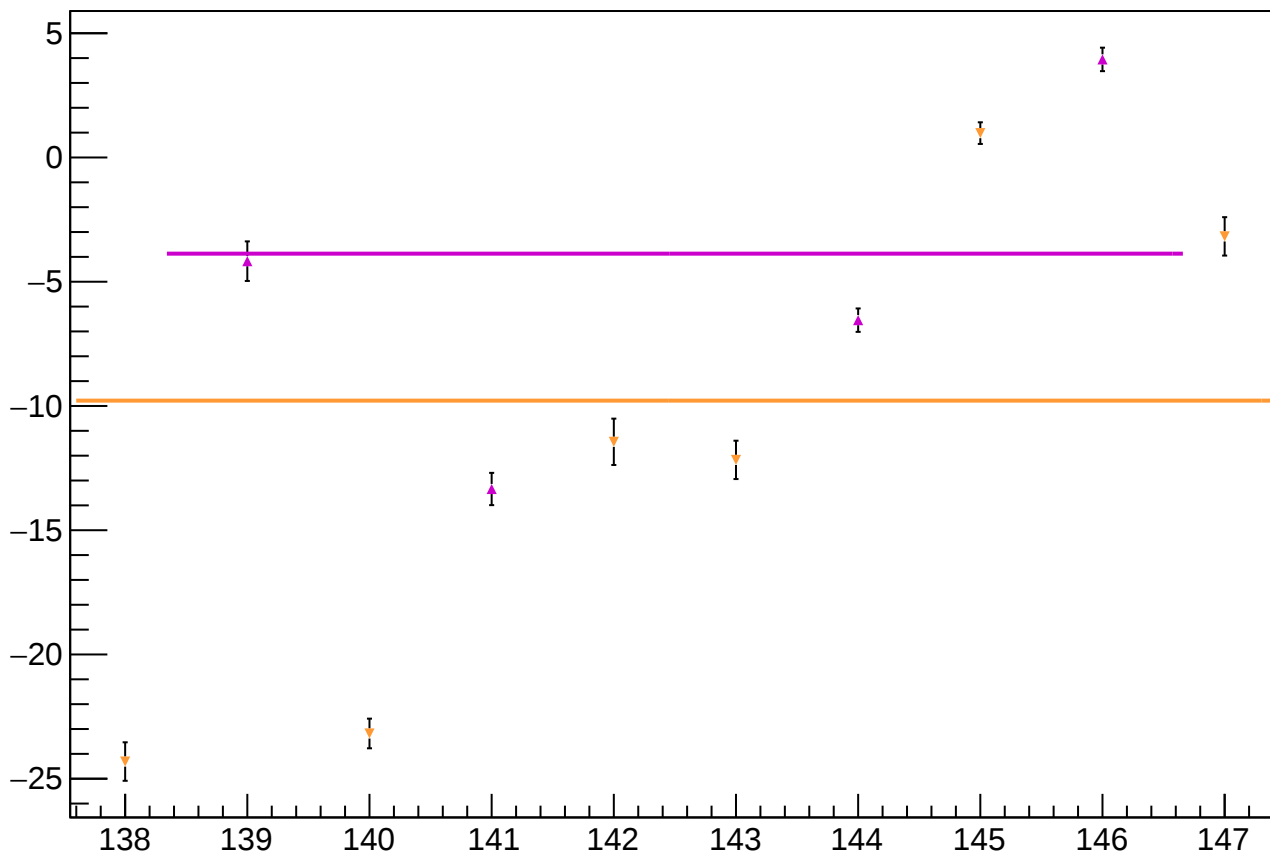
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.171 ± 0.009 $\chi^2/\text{NDF}: 239.7/20$

Out: 0.149 ± 0.009 $\chi^2/\text{NDF}: 276.9/23$

All: 0.160 ± 0.006 $\chi^2/\text{NDF}: 519.5/44$

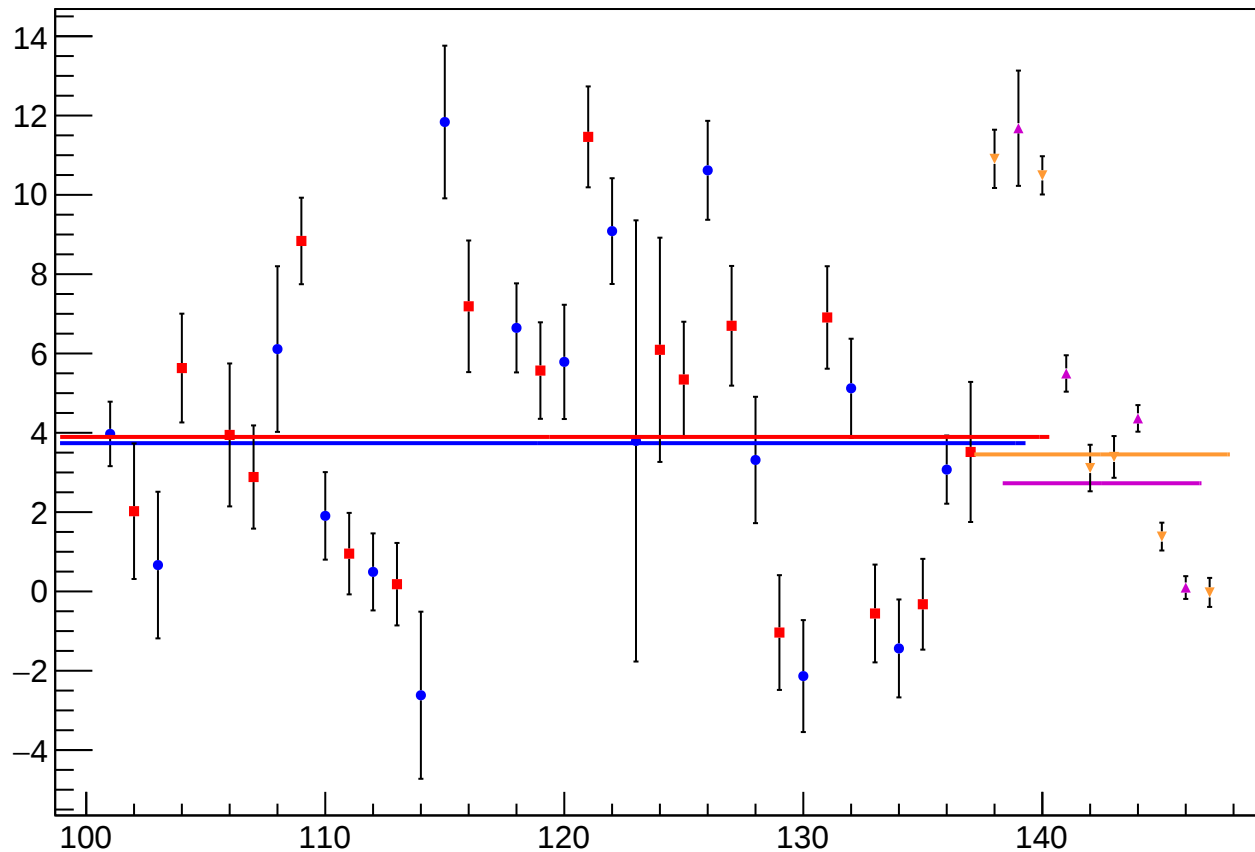
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.870+/-0.278 χ^2/NDF :518.8/3

Left: -6.970+/-0.192 χ^2/NDF : 2306.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.870+/-0.278 χ^2/NDF :518.8/3
 Out: -9.784+/-0.265 χ^2/NDF :1551.0/5
 All: -6.970+/-0.192 χ^2/NDF : 2306.9/9

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.455 ± 0.188 χ^2/NDF : 441.3/5

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 2.728 ± 0.195 χ^2/NDF : 182.1/3

Left: 3.105 ± 0.135 χ^2/NDF : 630.6/9

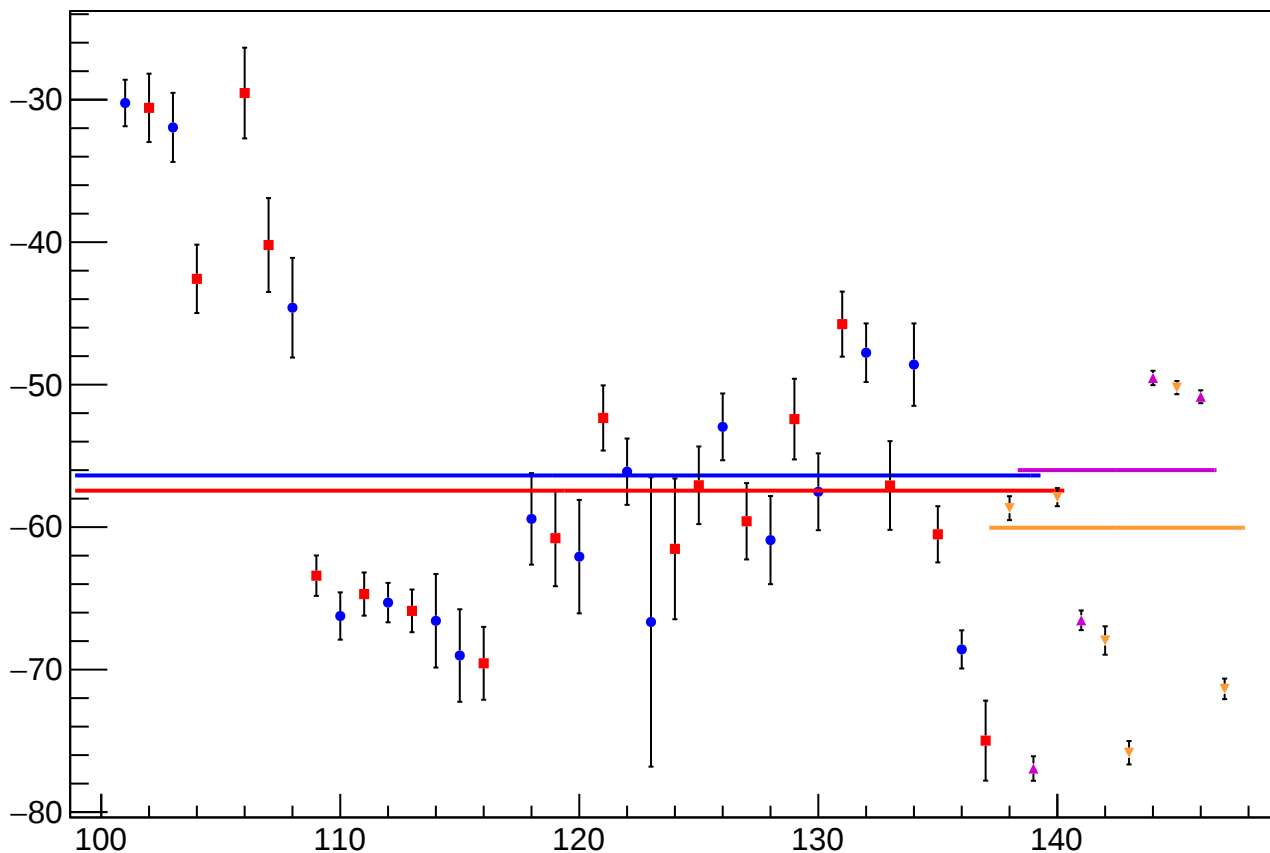
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 3.016 ± 0.165 χ^2/NDF : 326.6/20

Out: 3.570 ± 0.162 χ^2/NDF : 577.6/23

All: 3.299 ± 0.115 χ^2/NDF : 910.0/44

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -60.042 ± 0.278 $\chi^2/\text{NDF}: 1140.5/5$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -55.998 ± 0.286 $\chi^2/\text{NDF}: 1118.4/3$

Left: -58.078 ± 0.199 $\chi^2/\text{NDF}: 2361.8/9$

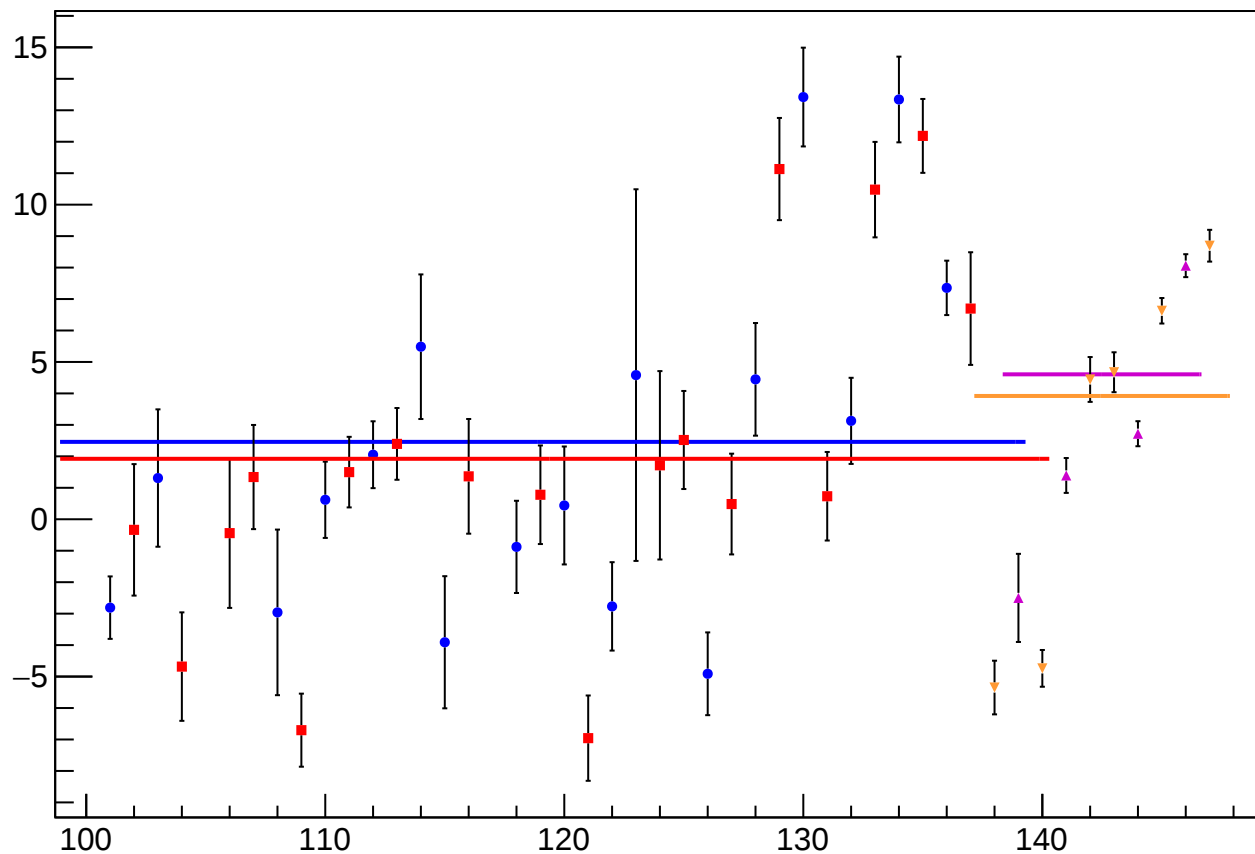
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -56.080 ± 0.253 $\chi^2/\text{NDF}: 1706.4/20$

Out: -59.492 ± 0.247 $\chi^2/\text{NDF}: 1600.0/23$

All: -57.828 ± 0.177 $\chi^2/\text{NDF}: 3399.6/44$

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: 4.607 ± 0.238 χ^2/NDF : 171.7/3

Left: 4.252 ± 0.166 χ^2/NDF : 649.7/9

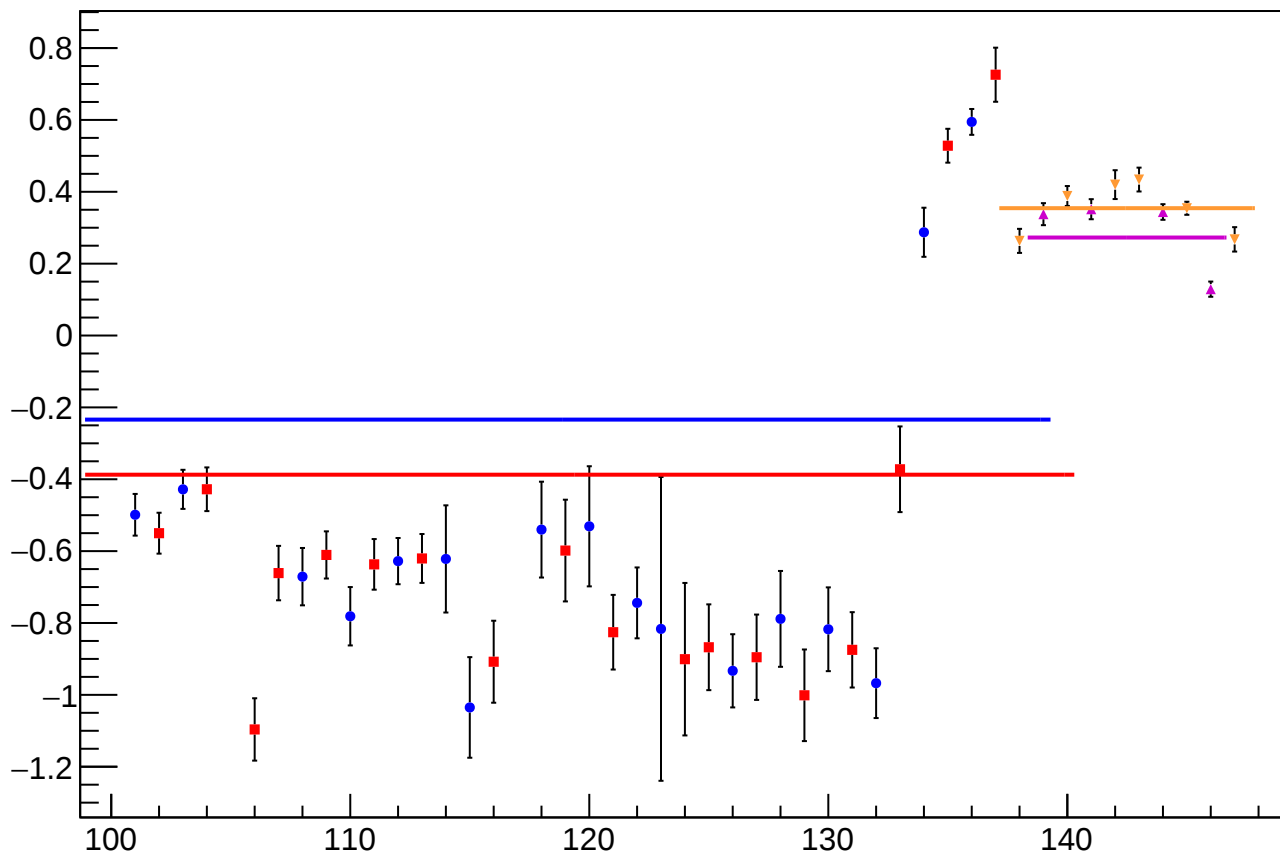
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 3.916 ± 0.196 χ^2/NDF : 441.7/20

Out: 3.326 ± 0.194 χ^2/NDF : 761.1/23

All: 3.617 ± 0.138 χ^2/NDF : 1207.4/44

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: 0.273 ± 0.012 χ^2/NDF : 69.2/3

Left: 0.316 ± 0.008 χ^2/NDF : 116.9/9

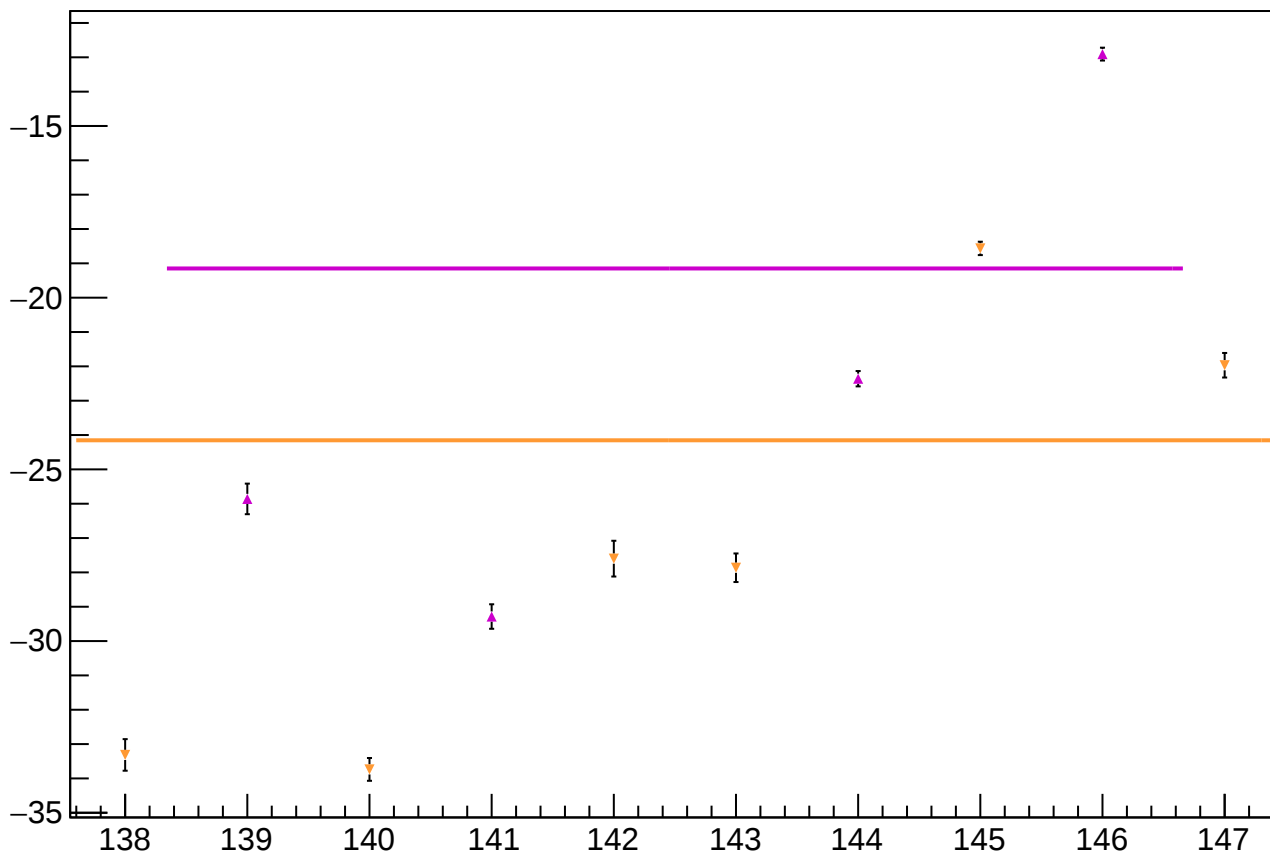
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.123 ± 0.010 χ^2/NDF : 1534.5/20

Out: 0.157 ± 0.010 χ^2/NDF : 1987.4/23

All: 0.141 ± 0.007 χ^2/NDF : 3527.5/44

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: -19.149+/-0.128 χ^2/NDF :2349.7/3

Left: -21.568+/-0.092 χ^2/NDF : 5306.6/9

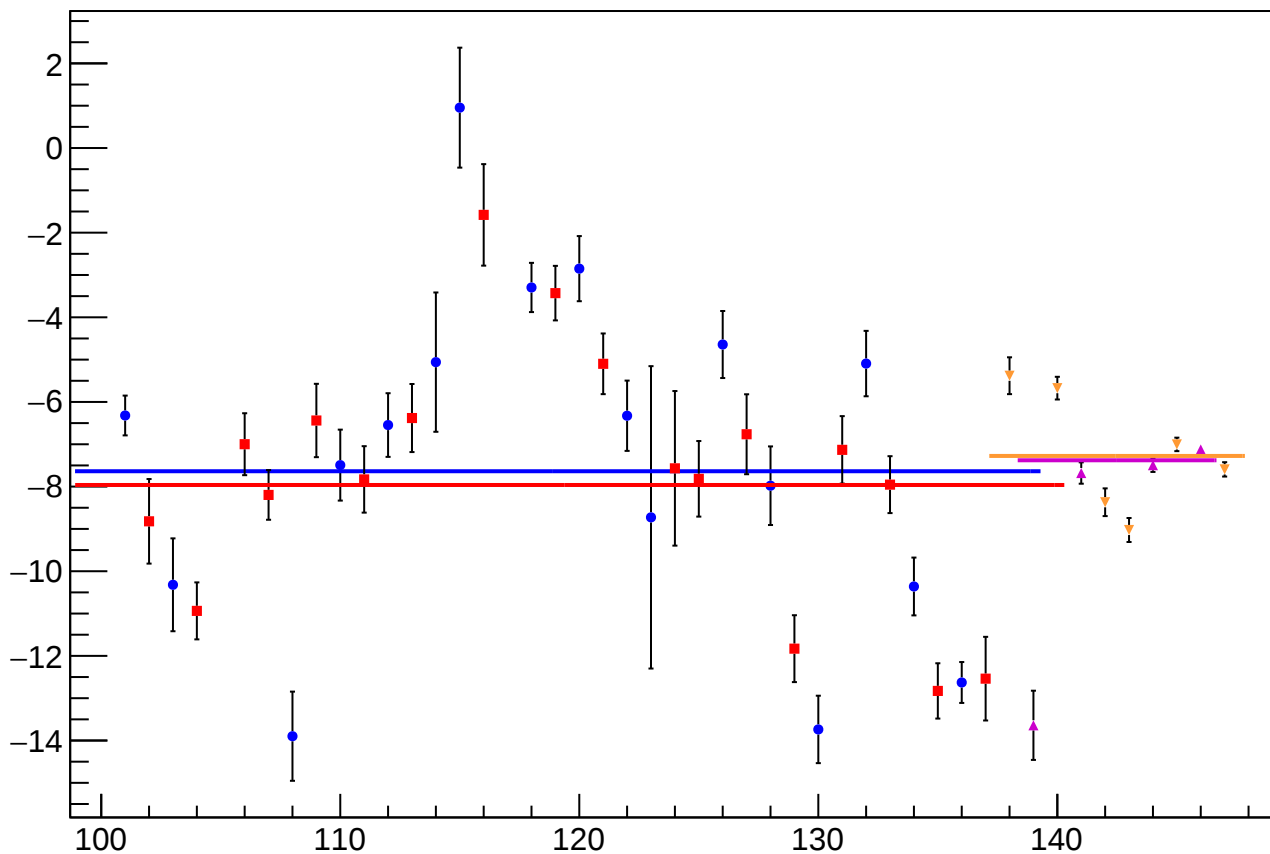
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.149+/-0.128 χ^2/NDF :2349.7/3

Out: -24.153+/-0.132 χ^2/NDF :2213.8/5

All: -21.568+/-0.092 χ^2/NDF : 5306.6/9

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: -7.378 ± 0.088 χ^2/NDF : 65.4/3

Left: -7.330 ± 0.064 χ^2/NDF : 176.4/9

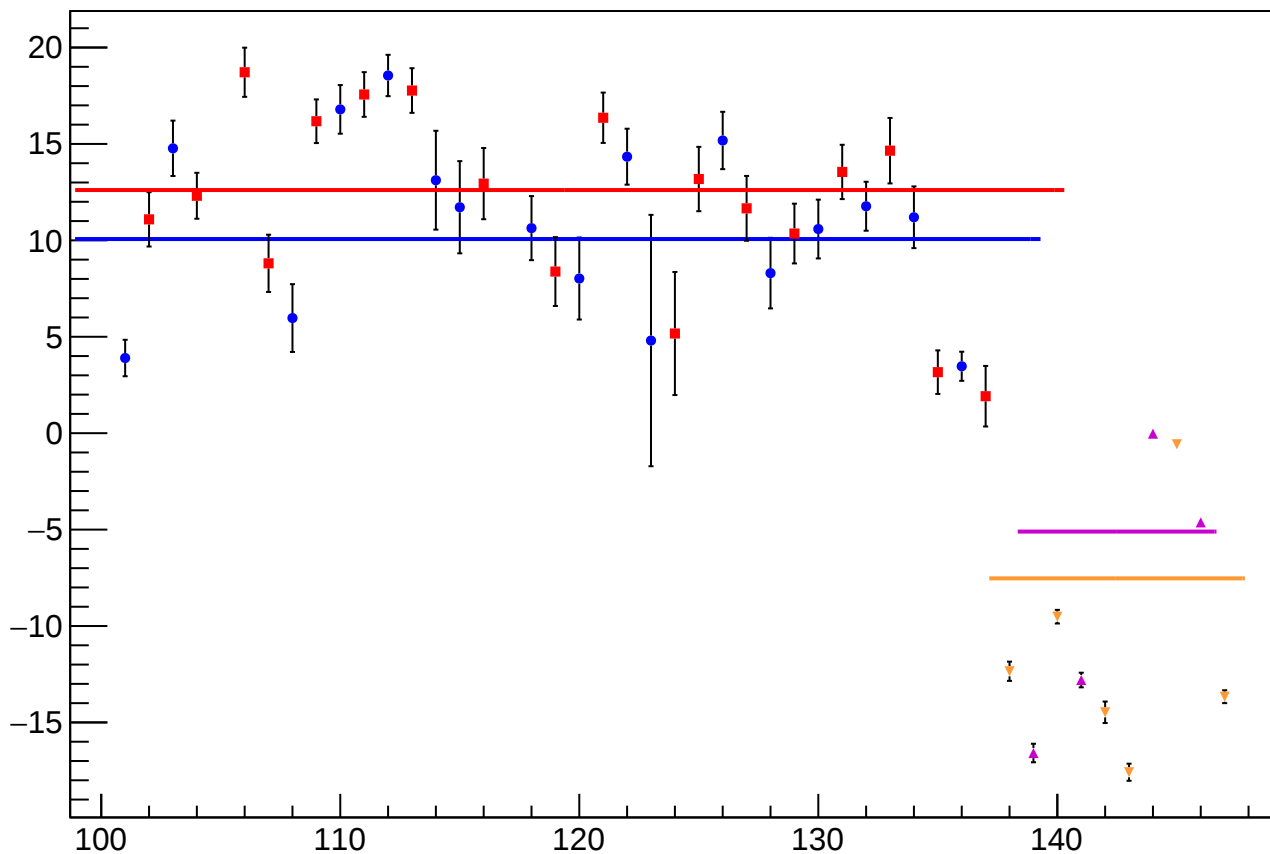
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.425 ± 0.079 χ^2/NDF : 461.0/20

Out: -7.414 ± 0.083 χ^2/NDF : 347.8/23

All: -7.420 ± 0.057 χ^2/NDF : 808.8/44

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -7.529 ± 0.138 $\chi^2/\text{NDF}: 2270.5/5$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -5.102 ± 0.130 $\chi^2/\text{NDF}: 1438.3/3$

Left: -6.244 ± 0.094 $\chi^2/\text{NDF}: 3873.5/9$

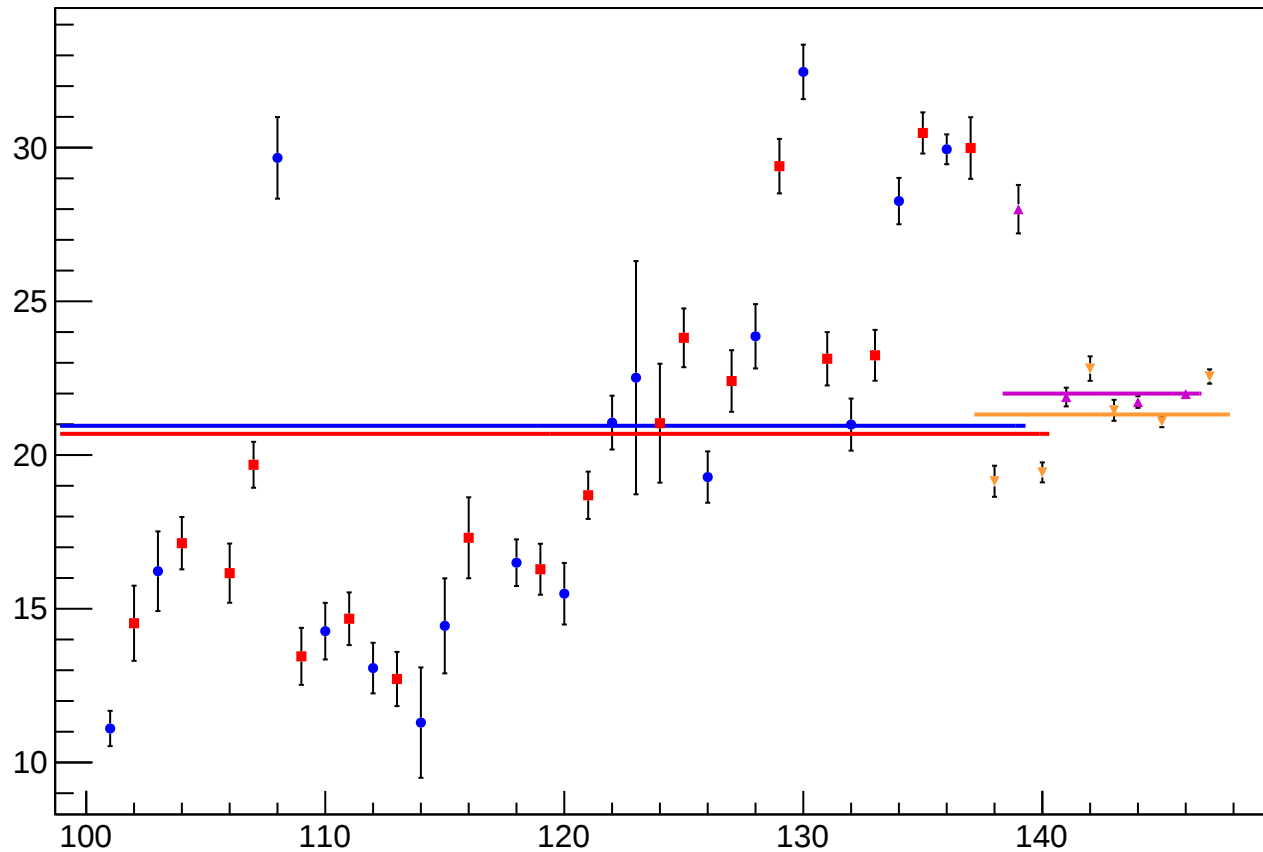
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -3.151 ± 0.121 $\chi^2/\text{NDF}: 3453.3/20$

Out: -4.595 ± 0.127 $\chi^2/\text{NDF}: 5611.8/23$

All: -3.837 ± 0.088 $\chi^2/\text{NDF}: 9132.8/44$

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: 21.999 $\pm$ 0.107 χ^2 /NDF: 60.2/3

Left: 21.681 $\pm$ 0.078 χ^2 /NDF: 174.7/9

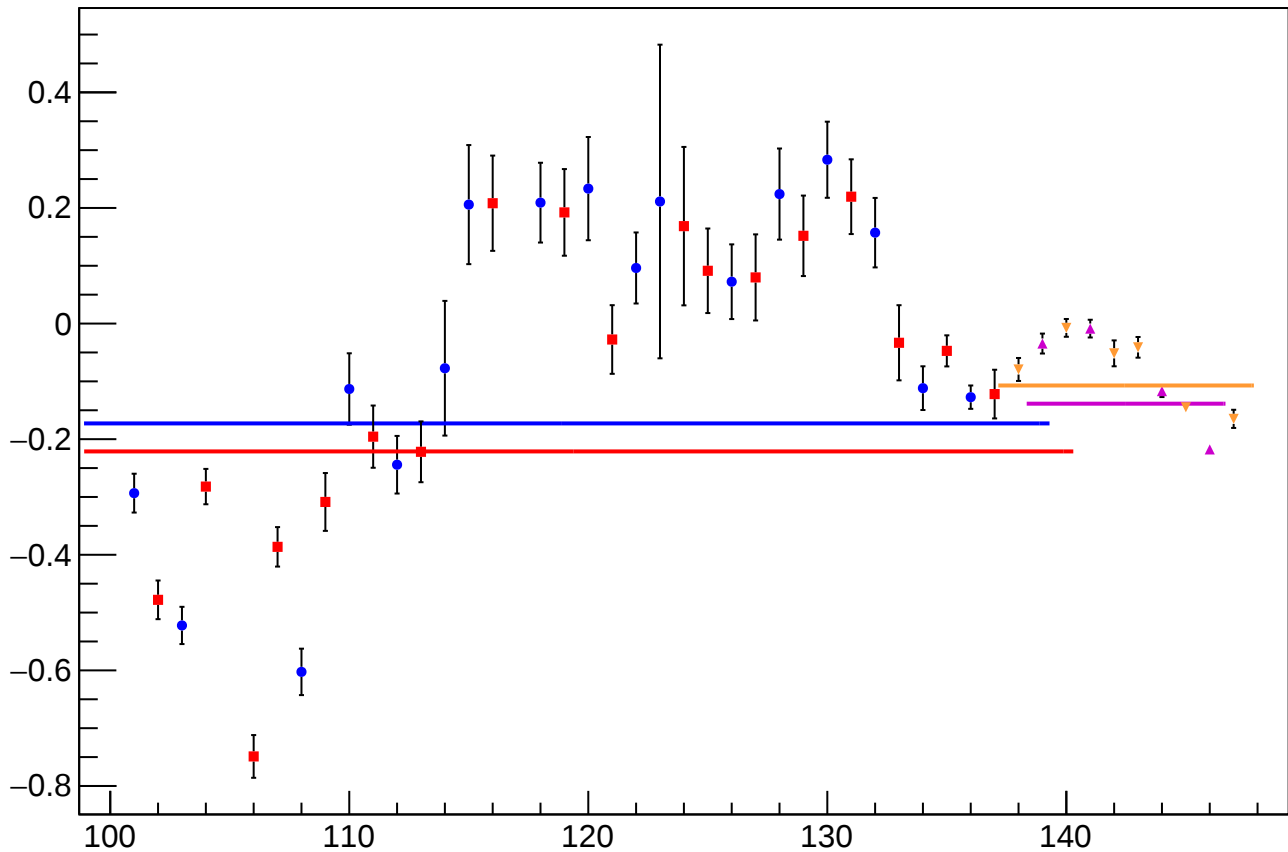
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.782 $\pm$ 0.096 χ^2 /NDF: 1302.7/20

Out: 21.178 $\pm$ 0.101 χ^2 /NDF: 829.5/23

All: 21.496 $\pm$ 0.069 χ^2 /NDF: 2151.1/44

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: -0.139 ± 0.006 χ^2/NDF : 200.4/3

Left: -0.123 ± 0.004 χ^2/NDF : 314.6/9

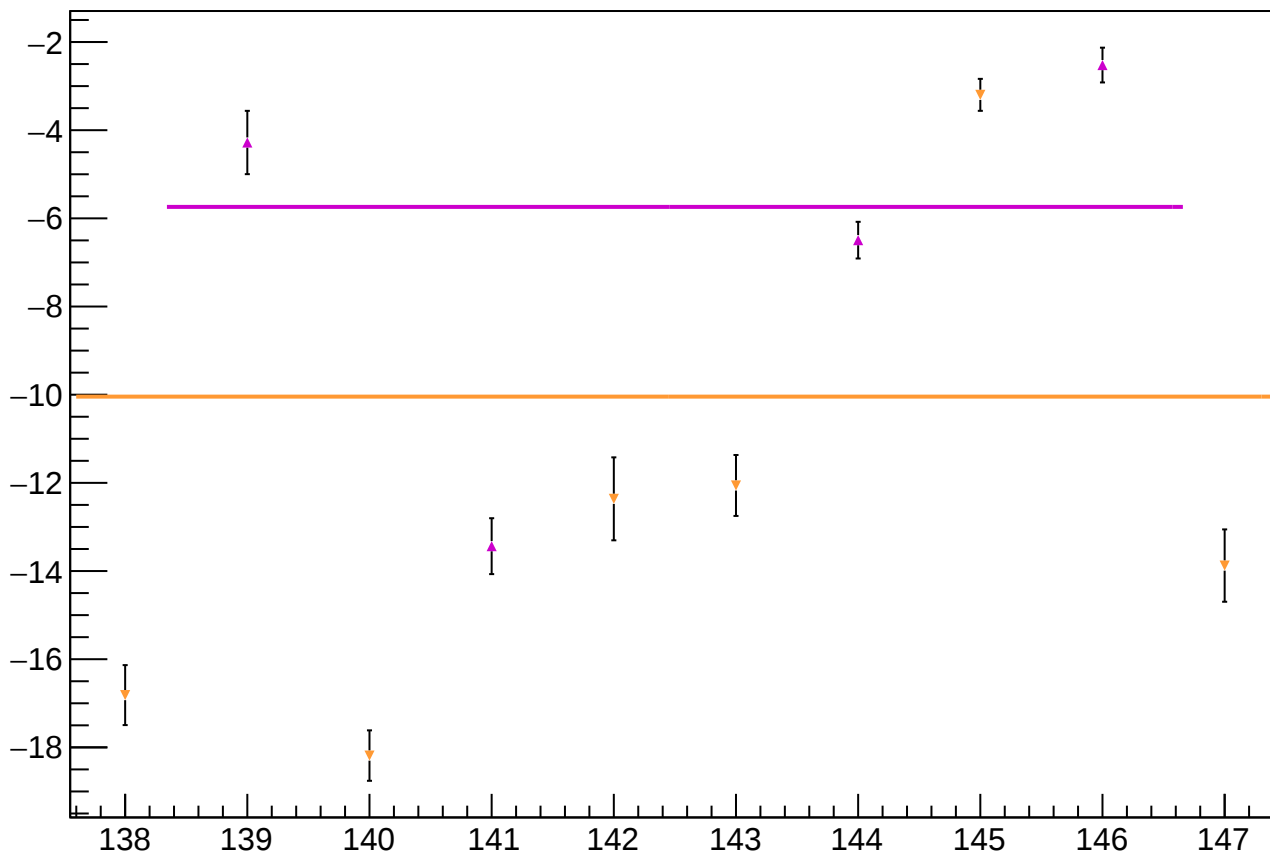
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.146 ± 0.005 χ^2/NDF : 668.2/20

Out: -0.131 ± 0.005 χ^2/NDF : 719.3/23

All: -0.138 ± 0.004 χ^2/NDF : 1391.6/44

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: -5.740+/-0.245 χ^2/NDF :221.3/3

Left: -7.948+/-0.171 χ^2/NDF : 1073.7/9

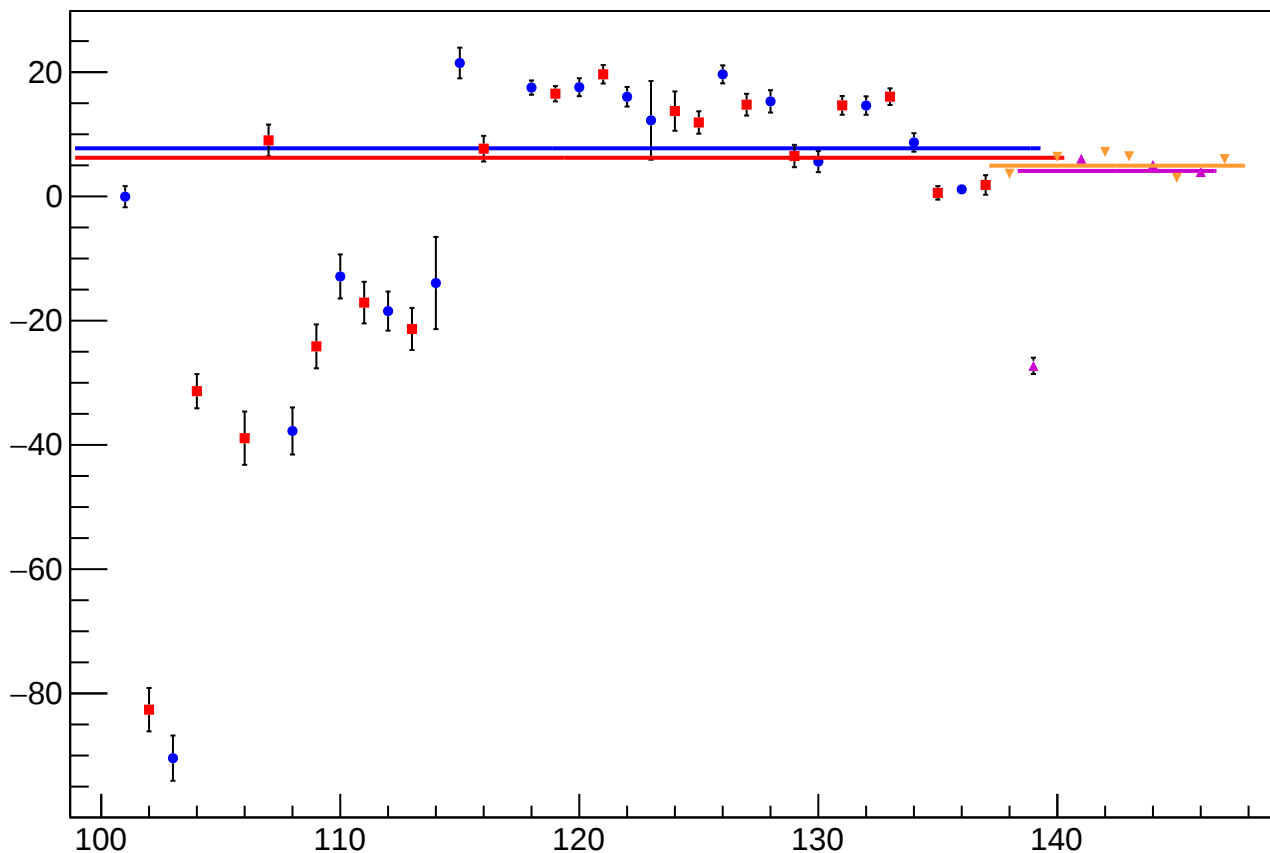
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.740+/-0.245 χ^2/NDF :221.3/3

Out: -10.044+/-0.239 χ^2/NDF :694.3/5

All: -7.948+/-0.171 χ^2/NDF : 1073.7/9

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: 4.102 ± 0.175 $\chi^2/\text{NDF}: 606.7/3$

Left: 4.527 ± 0.123 $\chi^2/\text{NDF}: 709.5/9$

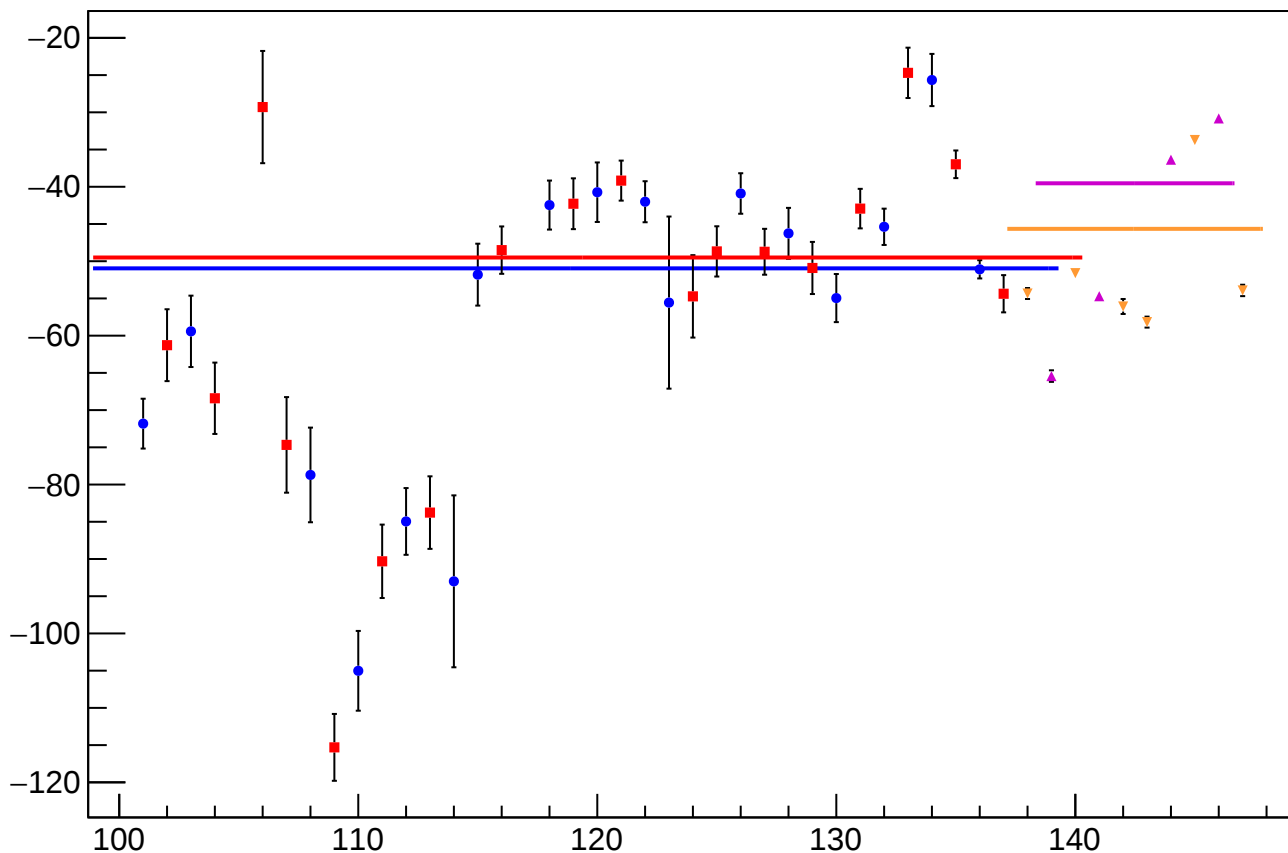
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.679 ± 0.160 $\chi^2/\text{NDF}: 2034.2/20$

Out: 5.125 ± 0.162 $\chi^2/\text{NDF}: 1544.4/23$

All: 4.900 ± 0.114 $\chi^2/\text{NDF}: 3582.4/44$

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: -39.534 ± 0.251 χ^2/NDF : 2195.6/3

Left: -42.584 ± 0.178 χ^2/NDF : 4186.0/9

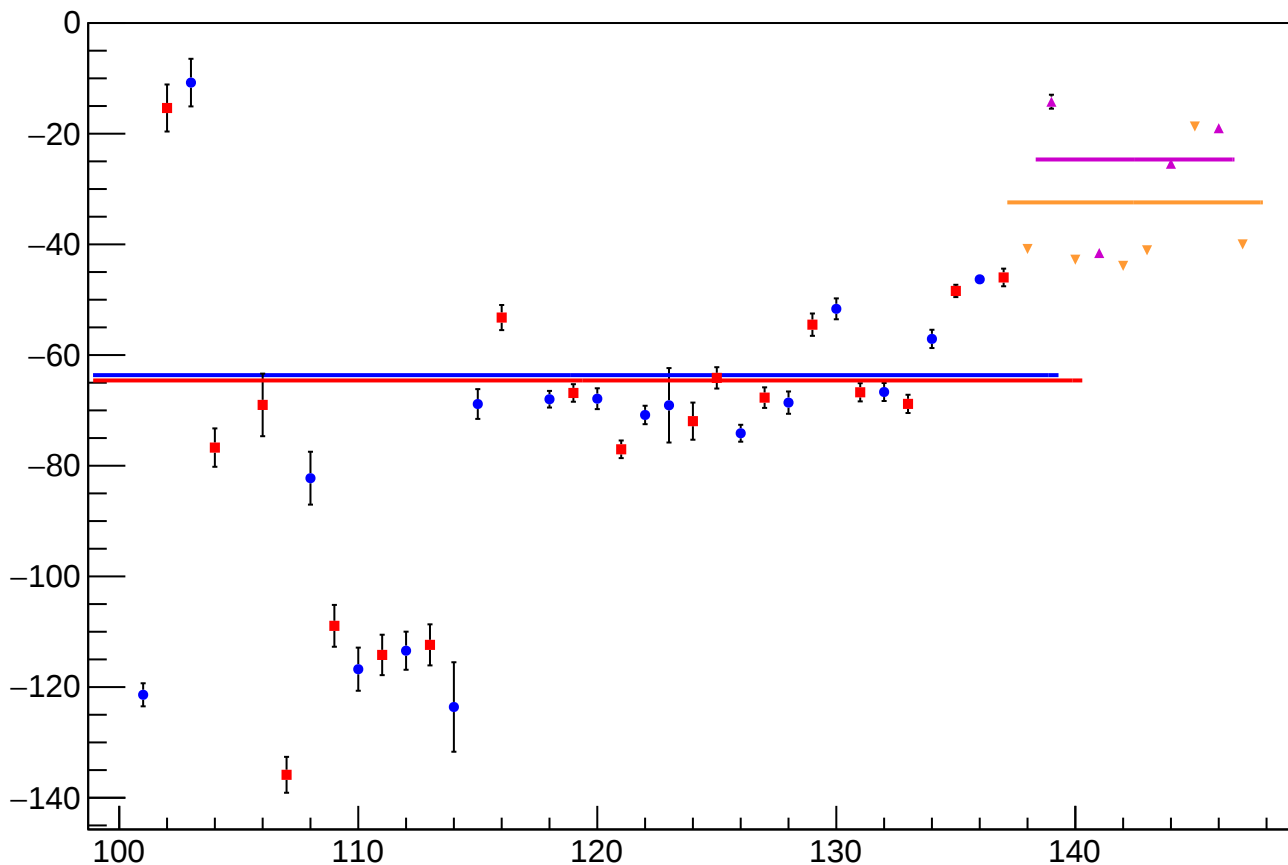
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -40.721 ± 0.238 χ^2/NDF : 2742.0/20

Out: -46.001 ± 0.240 χ^2/NDF : 2222.9/23

All: -43.335 ± 0.169 χ^2/NDF : 5208.4/44

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: -24.662 ± 0.212 χ^2/NDF : 1368.1/3

Left: -28.556 ± 0.150 χ^2/NDF : 4876.2/9

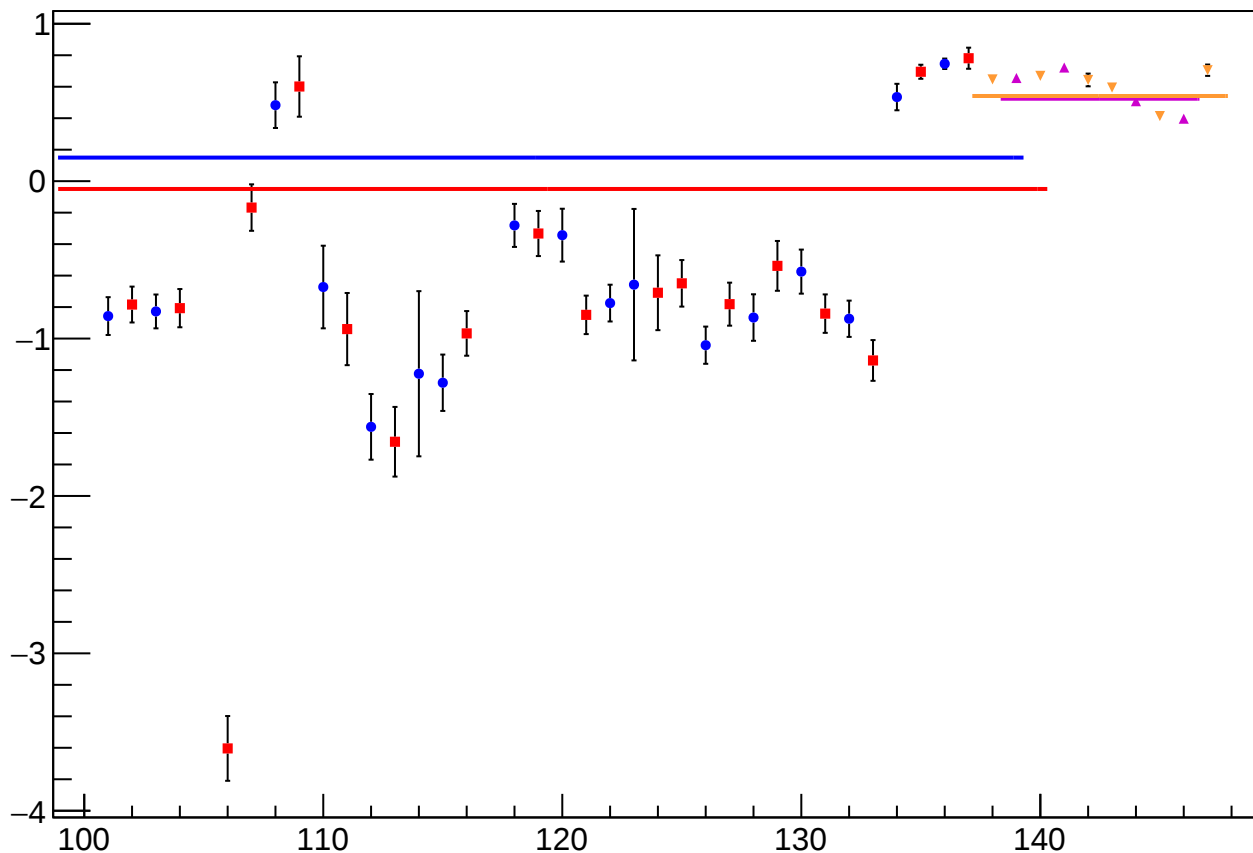
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -31.861 ± 0.192 χ^2/NDF : 9607.7/20

Out: -37.598 ± 0.194 χ^2/NDF : 8167.5/23

All: -34.701 ± 0.136 χ^2/NDF : 18219.0/44

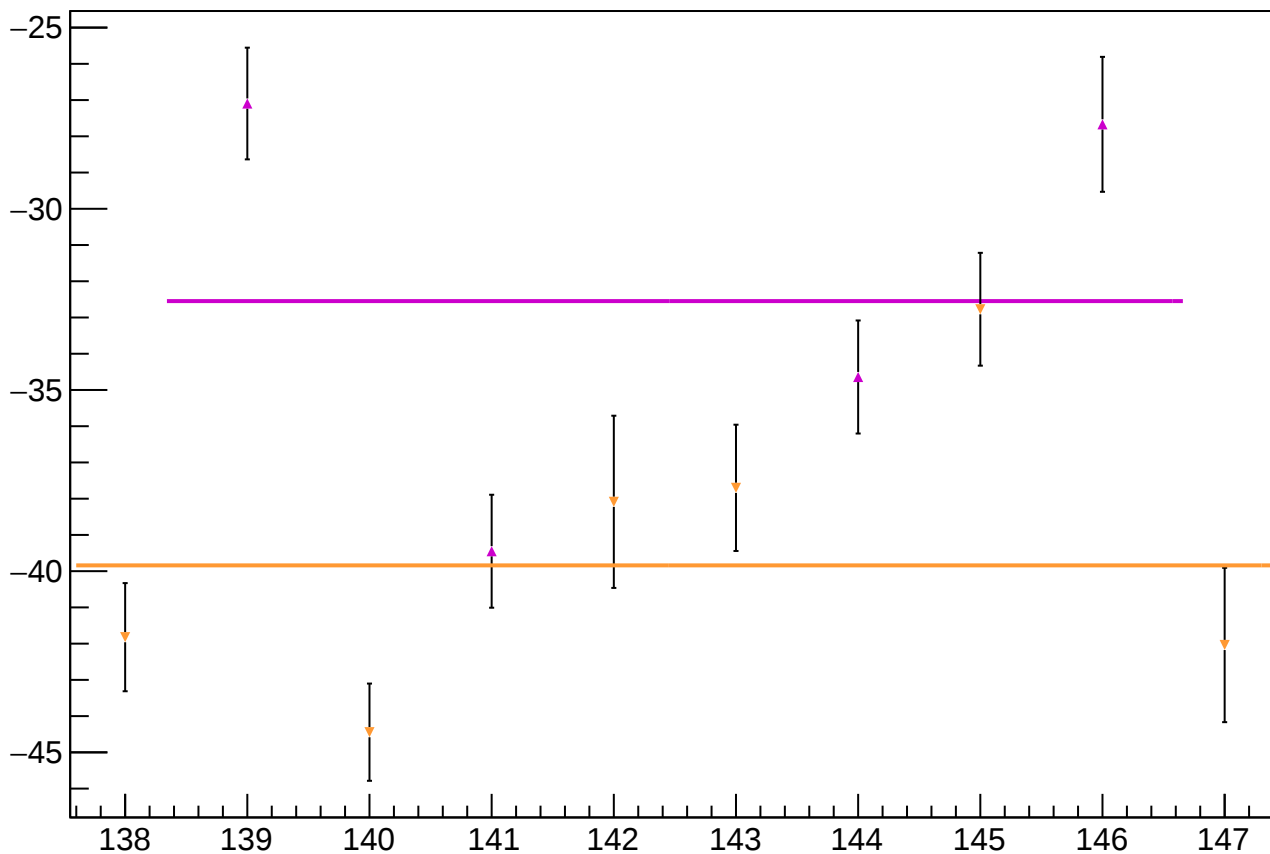
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.524 ± 0.011 $\chi^2/\text{NDF}: 126.8/3$

Left: 0.533 ± 0.007 $\chi^2/\text{NDF}: 264.8/9$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.460 ± 0.010 $\chi^2/\text{NDF}: 1317.8/20$
 Out: 0.462 ± 0.010 $\chi^2/\text{NDF}: 1730.1/23$
 All: 0.461 ± 0.007 $\chi^2/\text{NDF}: 3047.9/44$

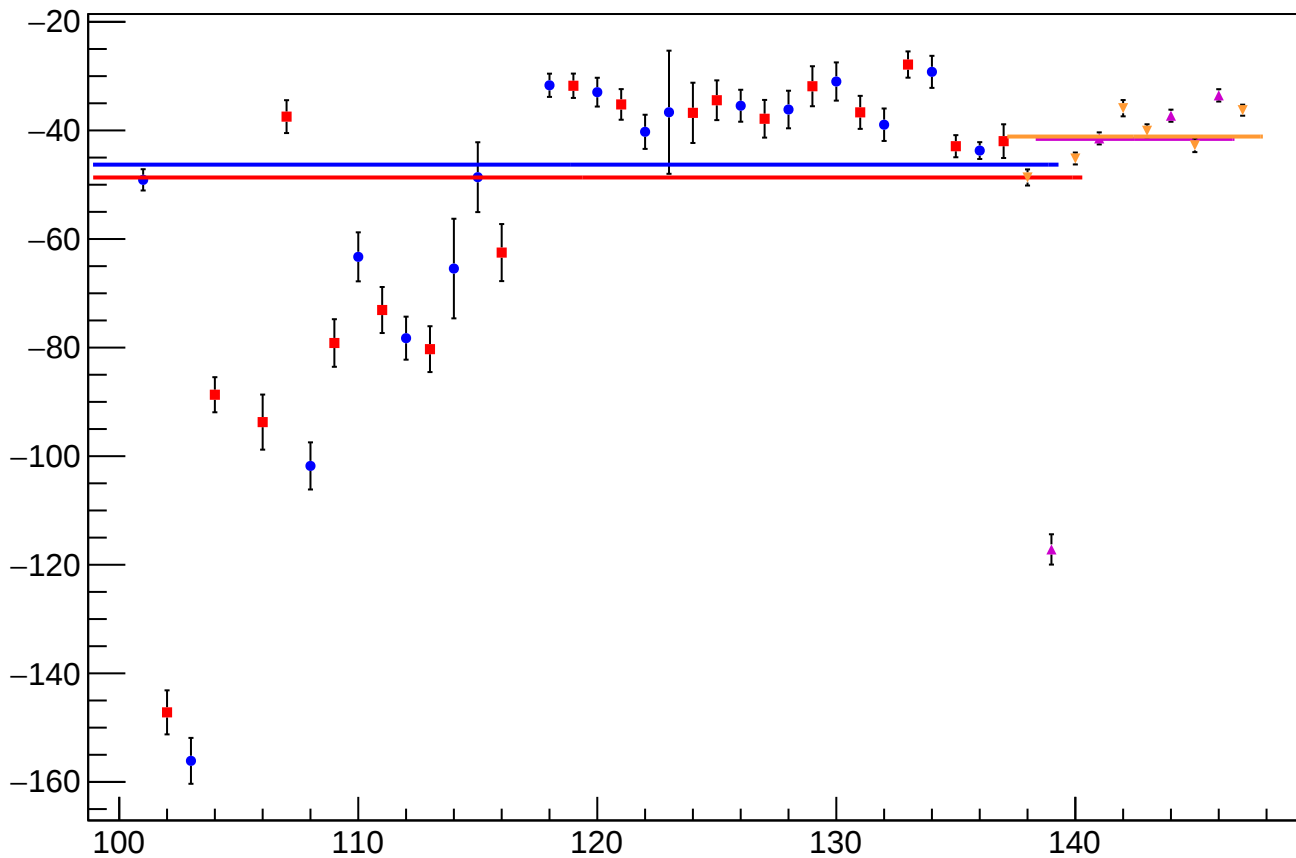
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -32.547+/-0.808 χ^2/NDF : 40.8/3

Left: -36.801+/-0.522 χ^2/NDF : 125.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.547+/-0.808 χ^2/NDF : 40.8/3
 Out: -39.840+/-0.683 χ^2/NDF : 37.3/5
 All: -36.801+/-0.522 χ^2/NDF : 125.6/9

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: -41.557 ± 0.630 χ^2/NDF : 797.8/3

Left: -41.292 ± 0.391 χ^2/NDF : 874.8/9

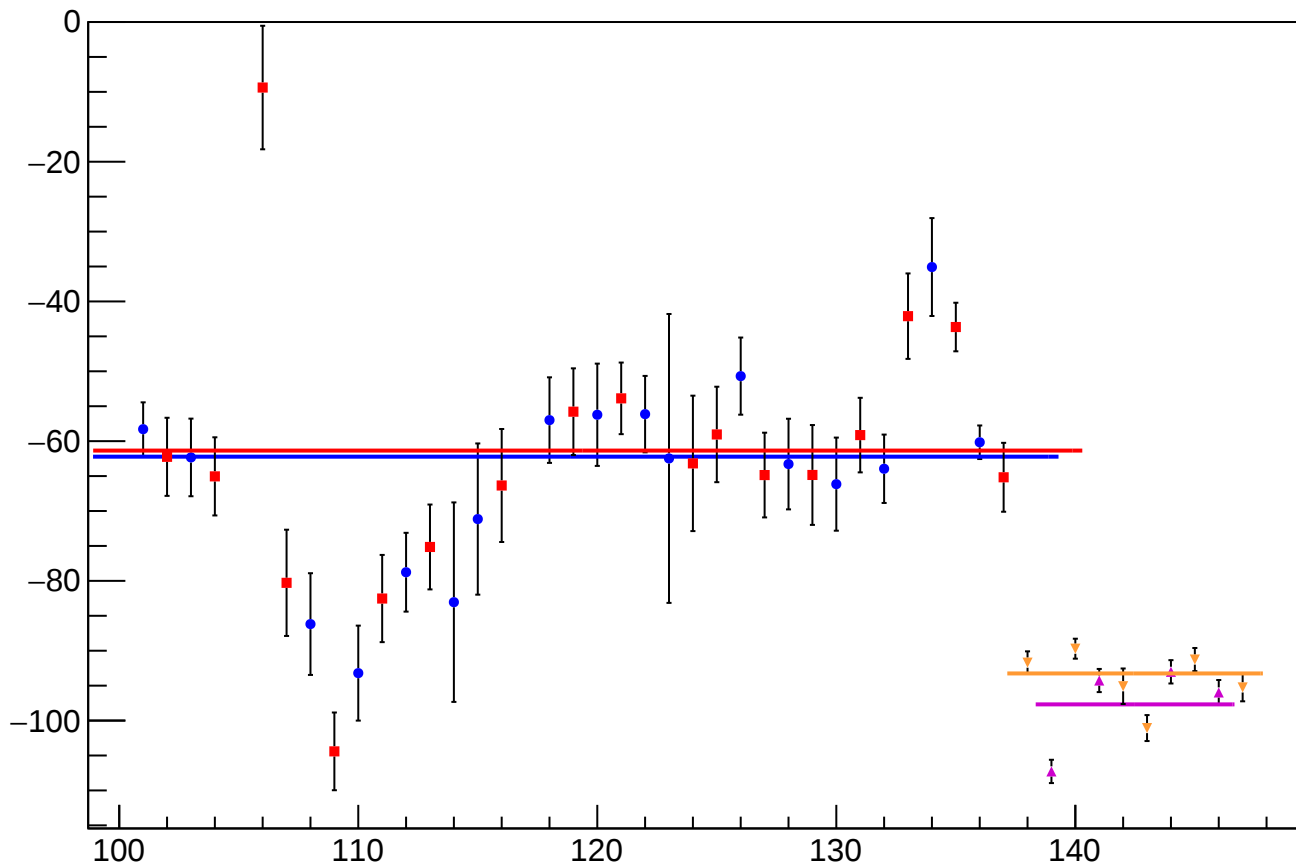
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -43.604 ± 0.475 χ^2/NDF : 1906.2/20

Out: -43.381 ± 0.417 χ^2/NDF : 1357.4/23

All: -43.478 ± 0.314 χ^2/NDF : 3263.7/44

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -93.254 ± 0.719 χ^2/NDF : 27.7/5

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -97.682 ± 0.846 χ^2/NDF : 46.1/3

Left: -95.110 ± 0.548 χ^2/NDF : 89.7/9

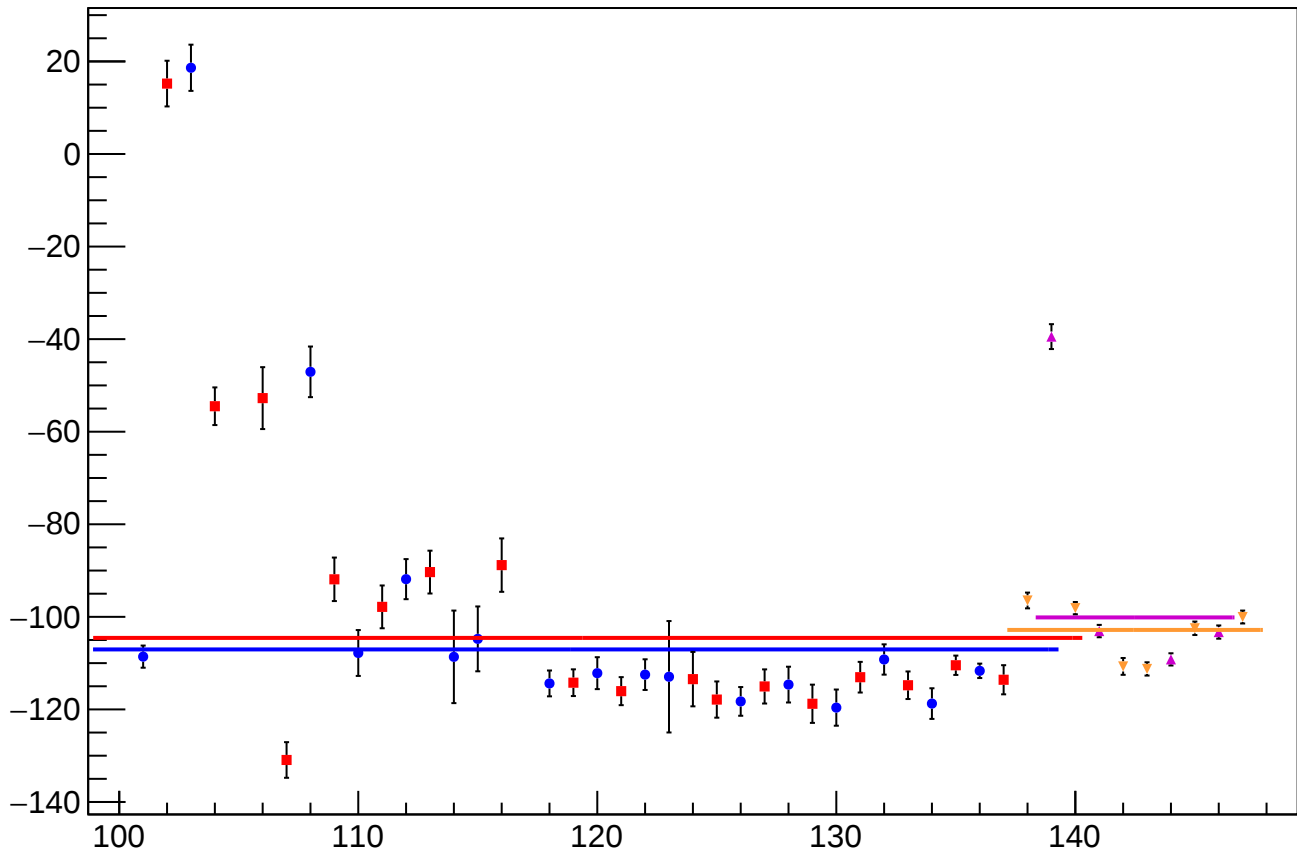
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -87.260 ± 0.711 χ^2/NDF : 629.5/20

Out: -86.463 ± 0.638 χ^2/NDF : 605.1/23

All: -86.819 ± 0.475 χ^2/NDF : 1235.3/44

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.827 ± 0.610 χ^2/NDF : 83.8/5

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -100.125 ± 0.754 χ^2/NDF : 565.9/3

Left: -101.758 ± 0.474 χ^2/NDF : 657.4/9

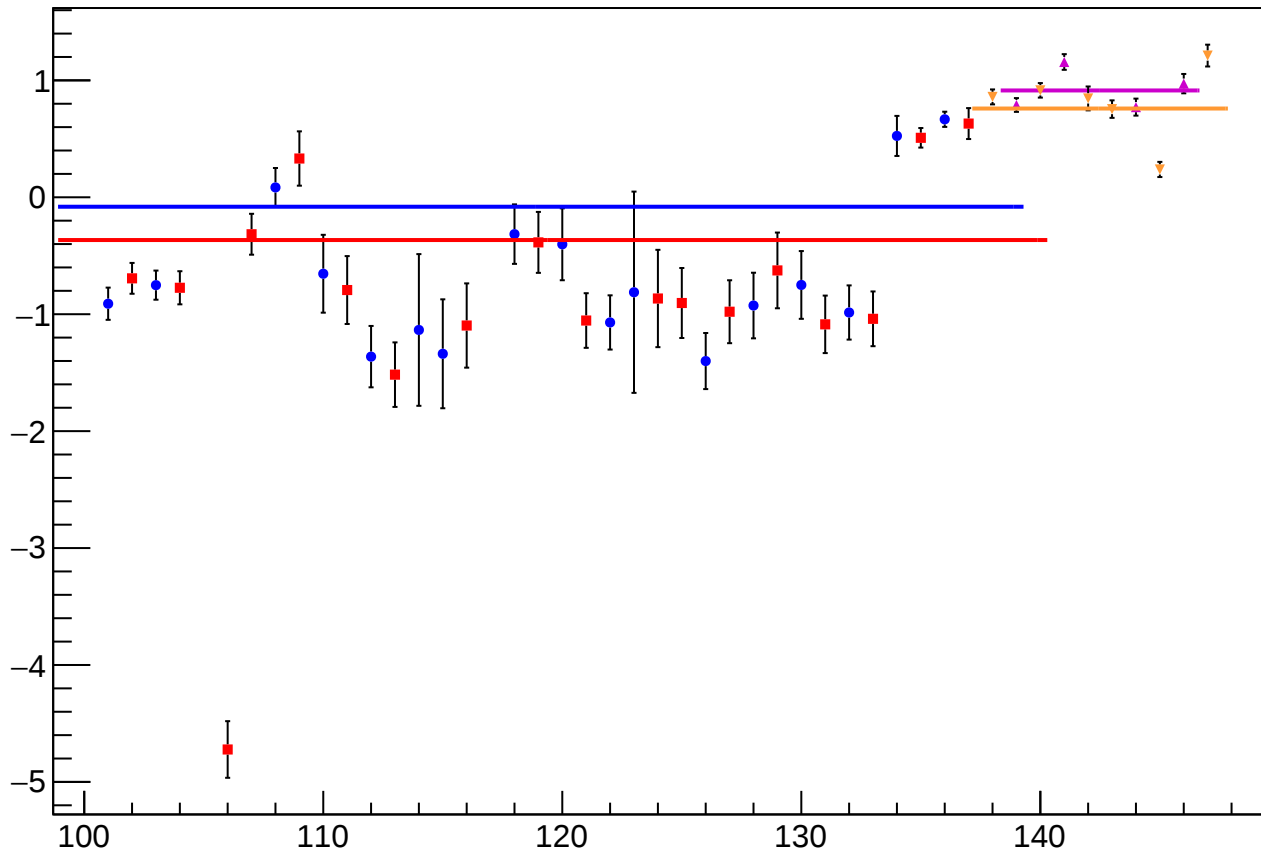
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -103.326 ± 0.553 χ^2/NDF : 1432.7/20

Out: -103.403 ± 0.498 χ^2/NDF : 1053.9/23

All: -103.368 ± 0.370 χ^2/NDF : 2486.5/44

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: 0.914 ± 0.034 χ^2/NDF : 22.0/3

Left: 0.825 ± 0.022 χ^2/NDF : 131.1/9

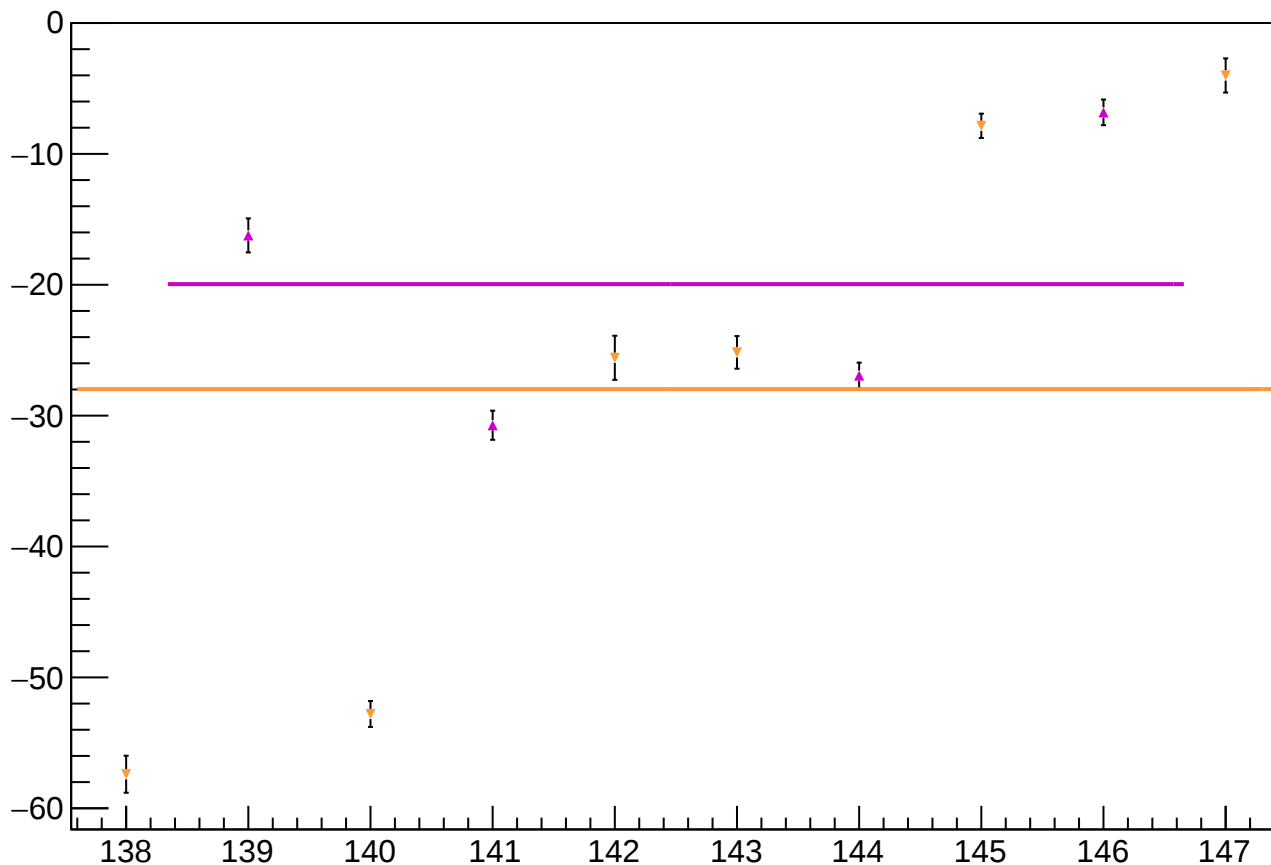
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.517 ± 0.027 χ^2/NDF : 684.8/20

Out: 0.406 ± 0.025 χ^2/NDF : 1118.7/23

All: 0.457 ± 0.018 χ^2/NDF : 1812.8/44

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: -19.950+/-0.537 χ^2/NDF :331.6/3

Left: -24.374+/-0.360 χ^2/NDF : 2328.6/9

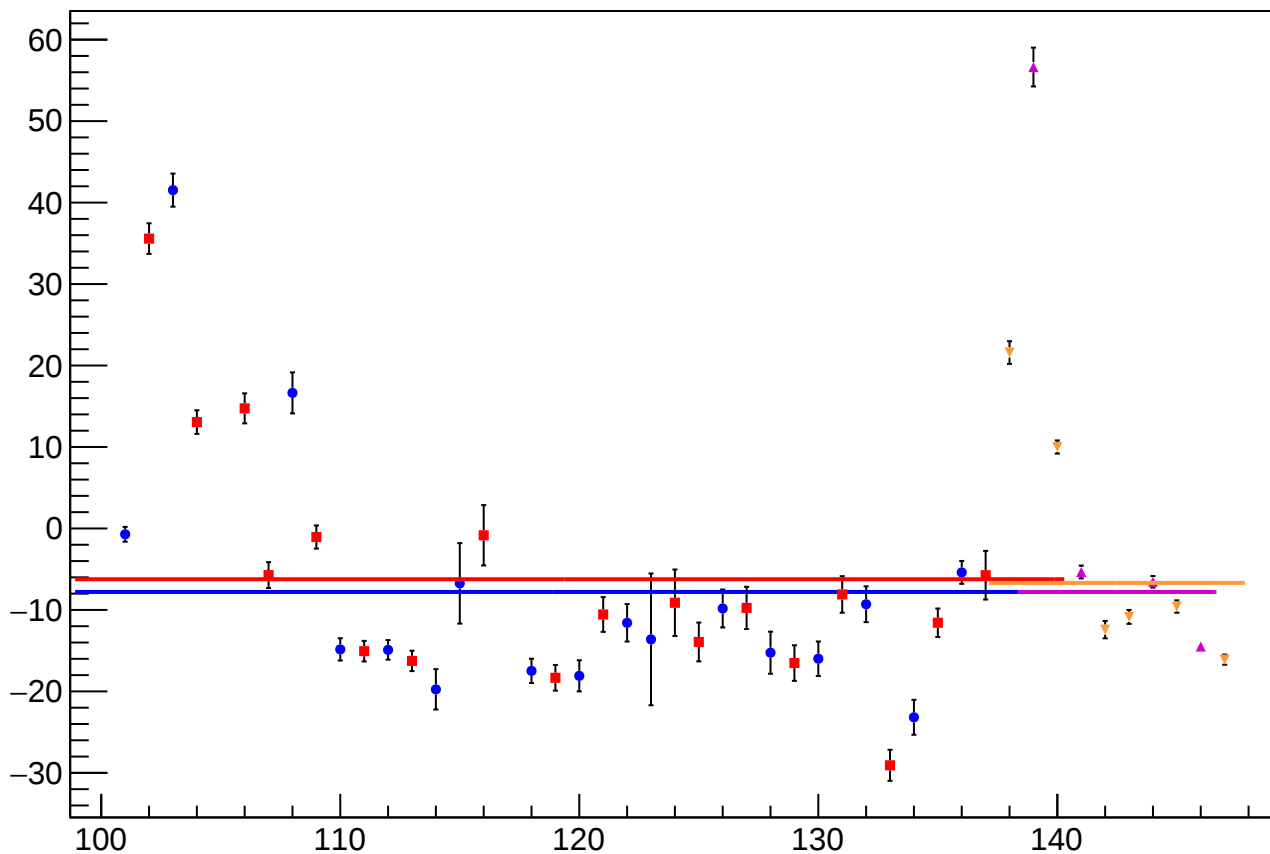
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.950+/-0.537 χ^2/NDF :331.6/3

Out: -27.975+/-0.484 χ^2/NDF :1873.9/5

All: -24.374+/-0.360 χ^2/NDF : 2328.6/9

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -6.681 ± 0.341 χ^2/NDF : 1133.7/5

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -7.795 ± 0.394 χ^2/NDF : 864.4/3

Left: -7.158 ± 0.258 χ^2/NDF : 2002.7/9

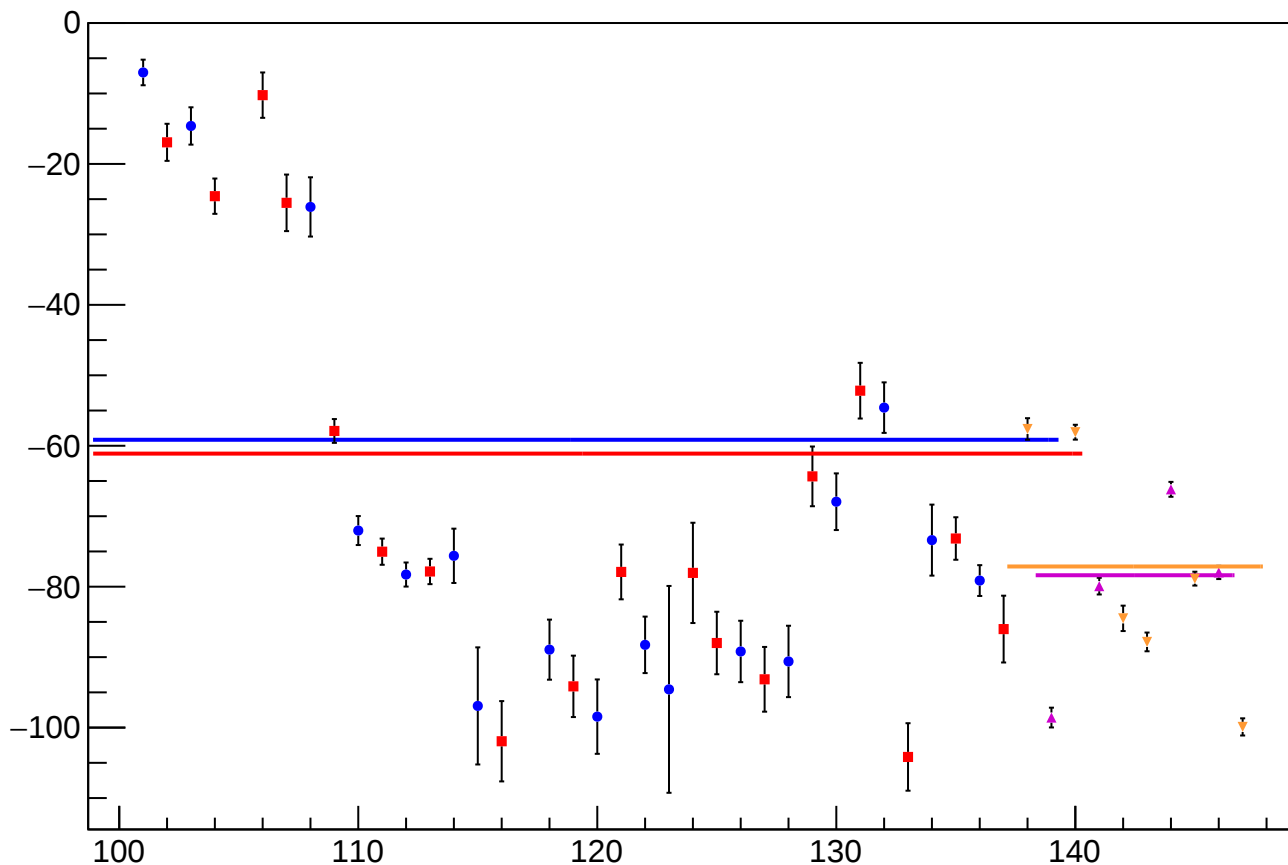
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -7.795 ± 0.290 χ^2/NDF : 1847.1/20

Out: -6.507 ± 0.267 χ^2/NDF : 2317.3/23

All: -7.098 ± 0.196 χ^2/NDF : 4175.1/44

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -77.133 ± 0.506 χ^2/NDF : 922.1/5

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -78.376 ± 0.555 χ^2/NDF : 341.6/3

Left: -77.697 ± 0.374 χ^2/NDF : 1266.5/9

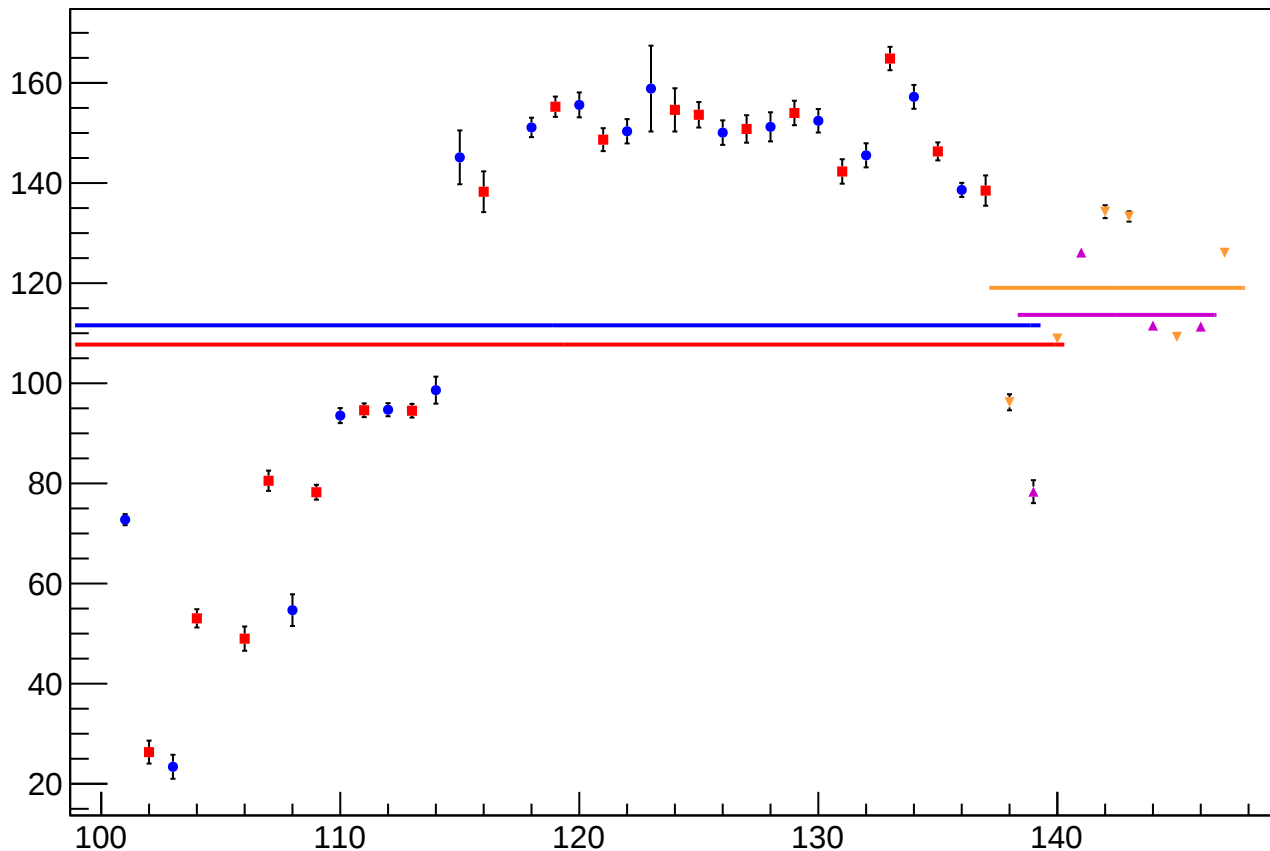
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -71.515 ± 0.445 χ^2/NDF : 2488.0/20

Out: -71.713 ± 0.412 χ^2/NDF : 2578.9/23

All: -71.622 ± 0.302 χ^2/NDF : 5067.0/44

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: 113.663 $\pm$ 0.476 χ^2 /NDF:423.5/3

Left: 116.693 $\pm$ 0.315 χ^2 /NDF: 1330.6/9

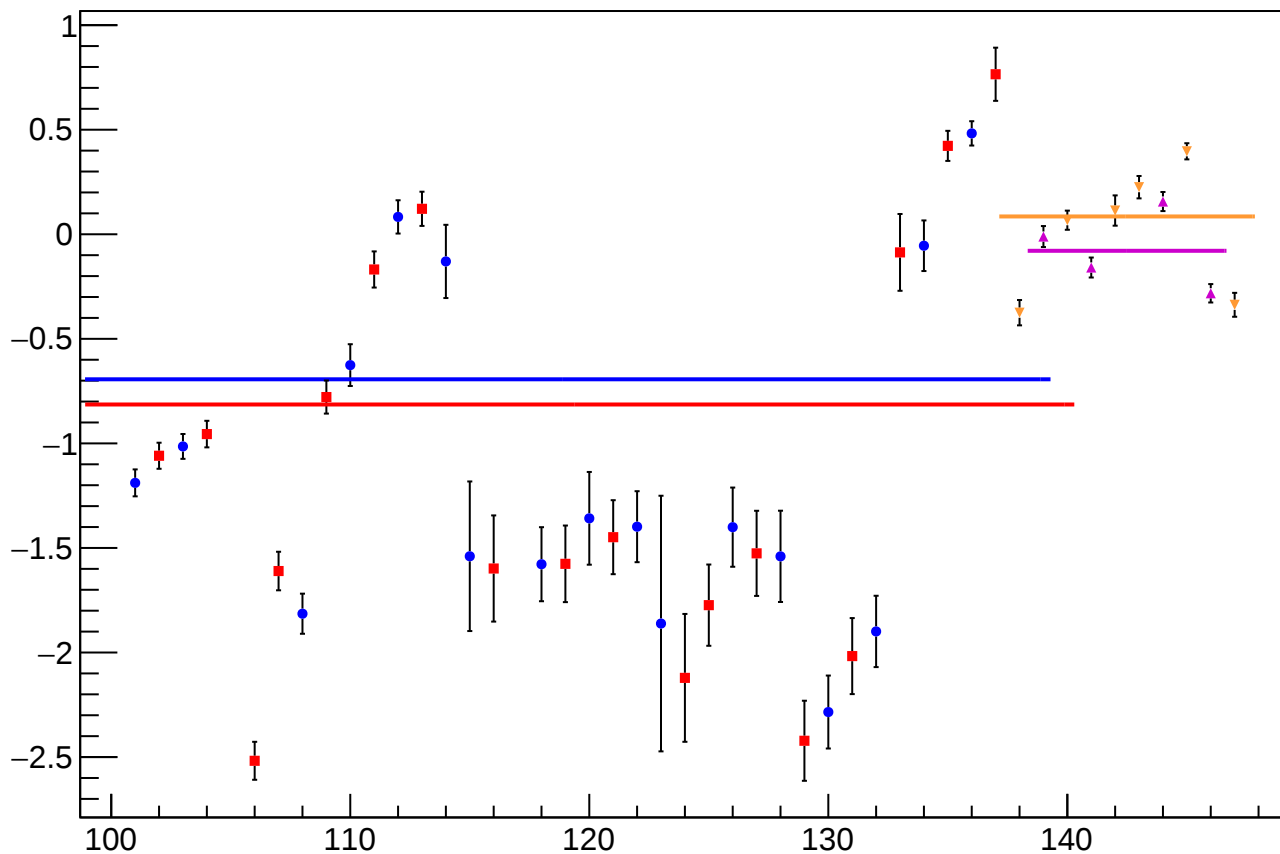
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 112.647 $\pm$ 0.340 χ^2 /NDF:6378.8/20

Out: 114.242 $\pm$ 0.319 χ^2 /NDF:7979.7/23

All: 113.497 $\pm$ 0.233 χ^2 /NDF: 14370.2/44

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: -0.079 ± 0.023 χ^2/NDF : 52.6/3

Left: 0.012 ± 0.016 χ^2/NDF : 264.4/9

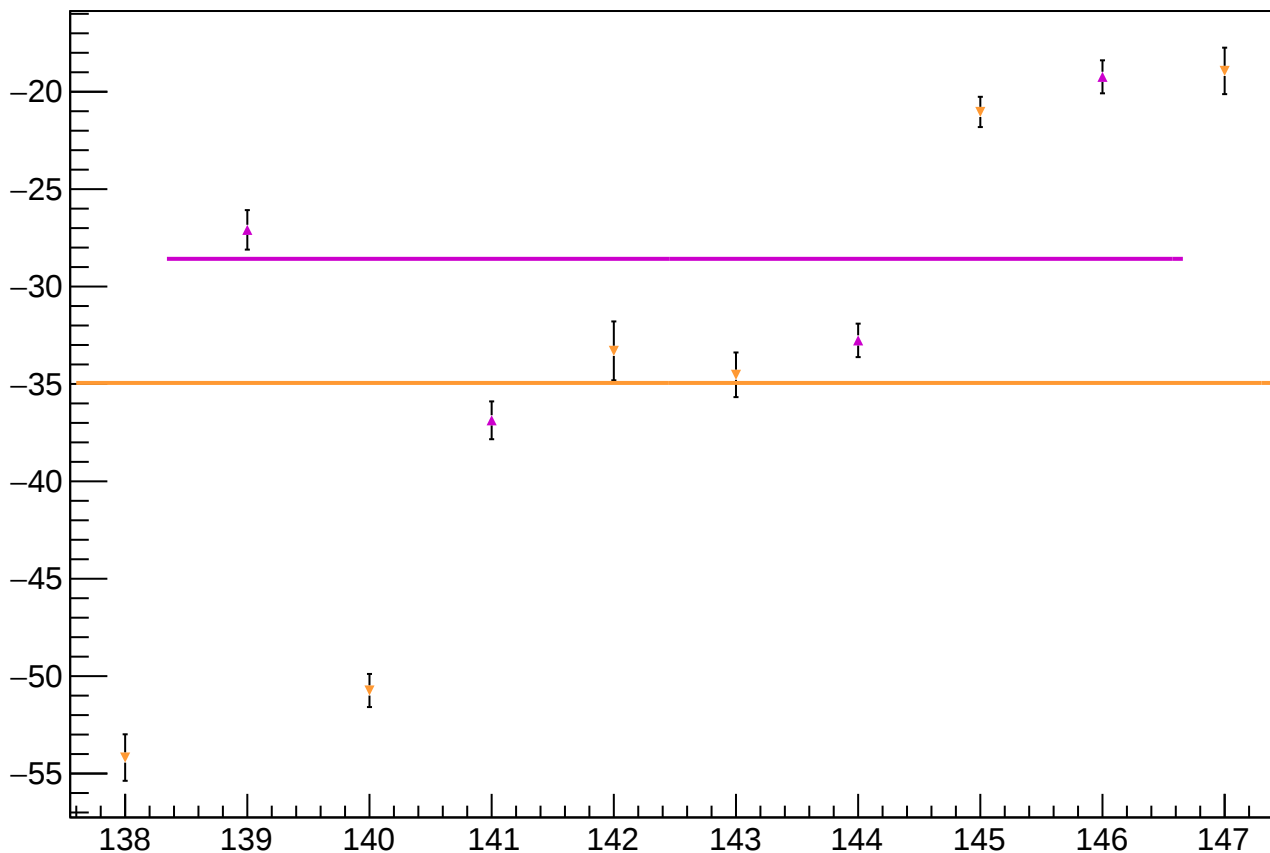
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.356 ± 0.017 χ^2/NDF : 1354.8/20

Out: -0.296 ± 0.016 χ^2/NDF : 2270.2/23

All: -0.324 ± 0.012 χ^2/NDF : 3631.5/44

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: -28.577+/-0.457 χ^2/NDF :220.4/3

Left: -32.027+/-0.310 χ^2/NDF : 1432.8/9

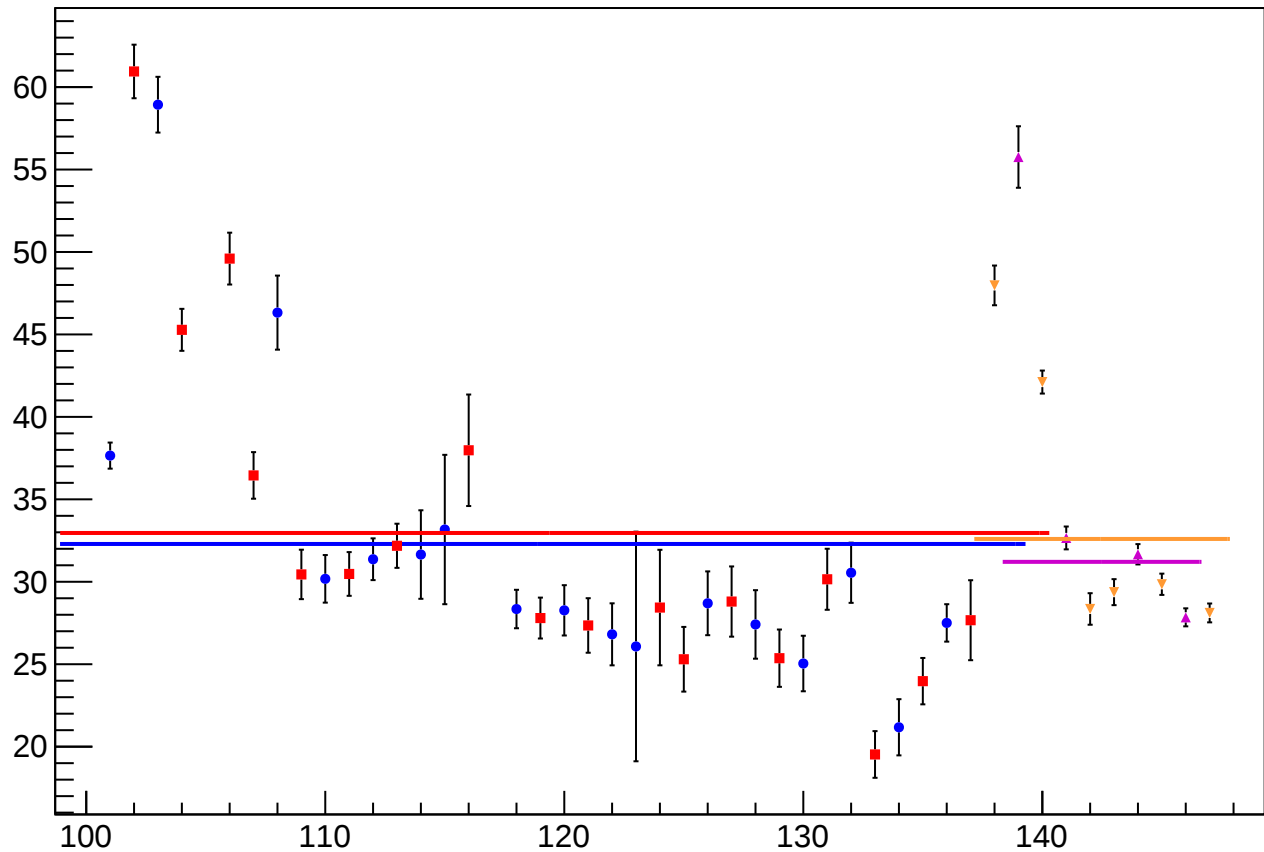
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.577+/-0.457 χ^2/NDF :220.4/3

Out: -34.948+/-0.421 χ^2/NDF :1107.2/5

All: -32.027+/-0.310 χ^2/NDF : 1432.8/9

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 32.598+/-0.303 χ^2/NDF : 465.3/5

Right Out: 32.960+/-0.380 χ^2/NDF : 724.0/17

Left In: 31.209+/-0.346 χ^2/NDF : 216.2/3

Left: 31.995+/-0.228 χ^2/NDF : 690.6/9

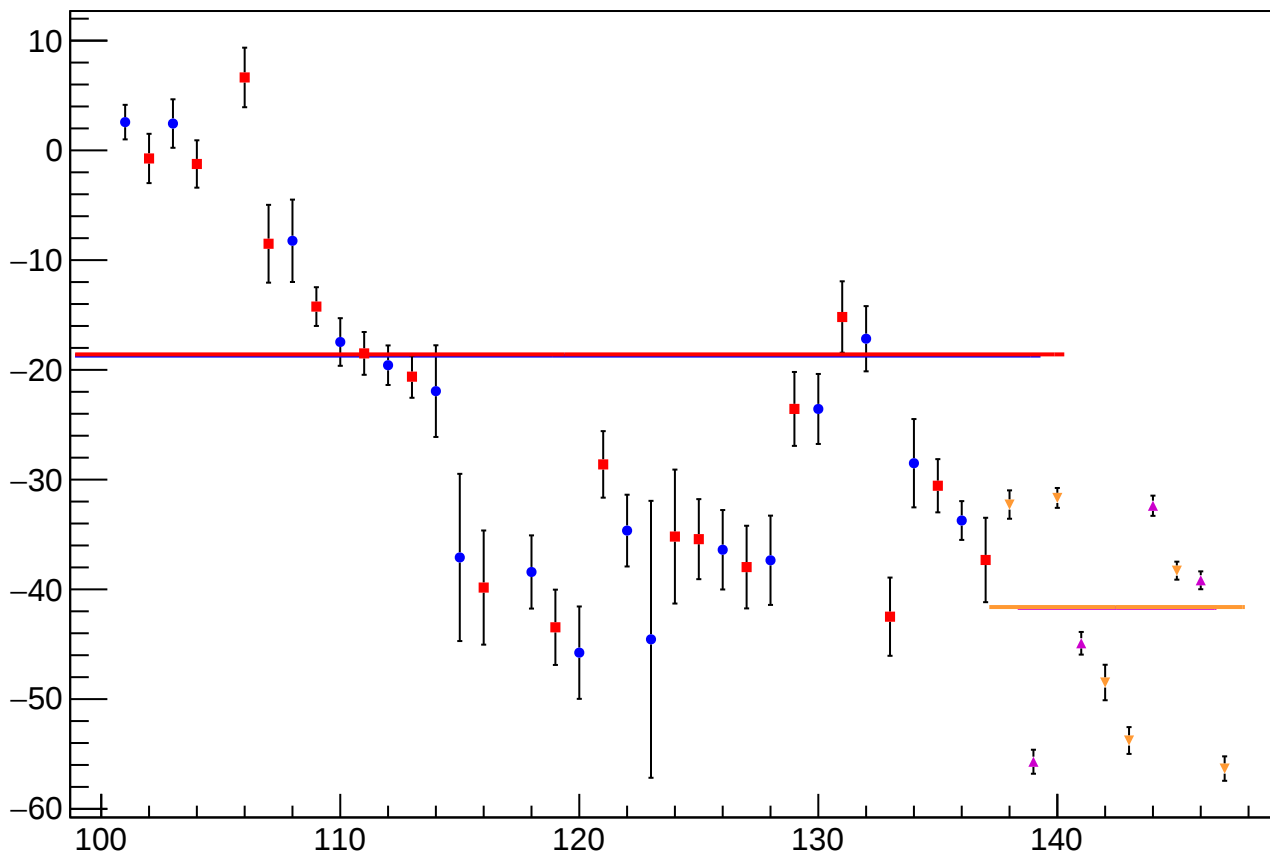
Right: 32.620+/-0.266 χ^2/NDF : 1178.1/34

In: 31.710+/-0.254 χ^2/NDF : 673.3/20

Out: 32.738+/-0.237 χ^2/NDF : 1189.8/23

All: 32.260+/-0.173 χ^2/NDF : 1871.9/44

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: -41.682 ± 0.473 χ^2/NDF : 285.6/3

Left: -41.644 ± 0.322 χ^2/NDF : 766.4/9

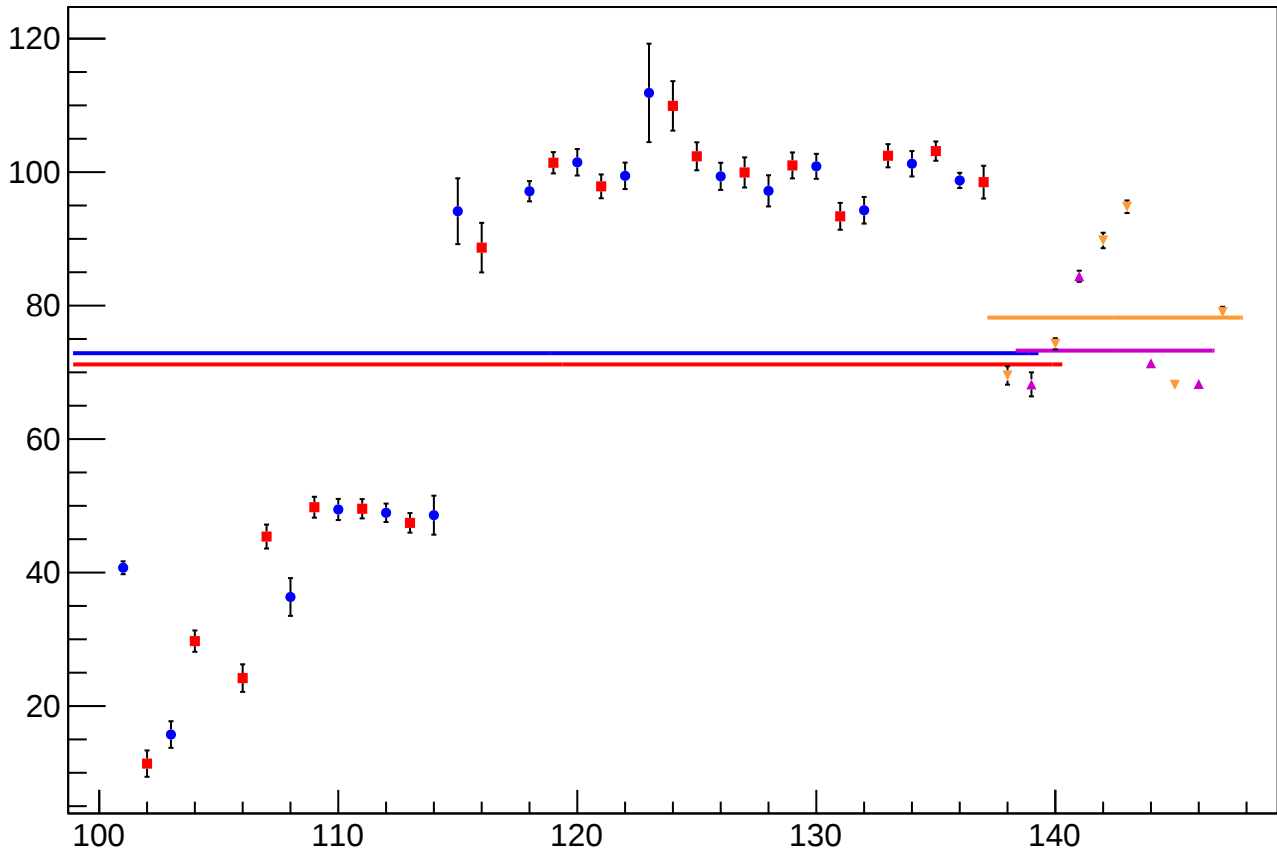
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -33.974 ± 0.386 χ^2/NDF : 1594.9/20

Out: -34.337 ± 0.364 χ^2/NDF : 1806.6/23

All: -34.166 ± 0.265 χ^2/NDF : 3402.0/44

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: 73.257 $\pm$ 0.414 χ^2/NDF : 248.3/3

Left: 76.003 $\pm$ 0.276 χ^2/NDF : 983.8/9

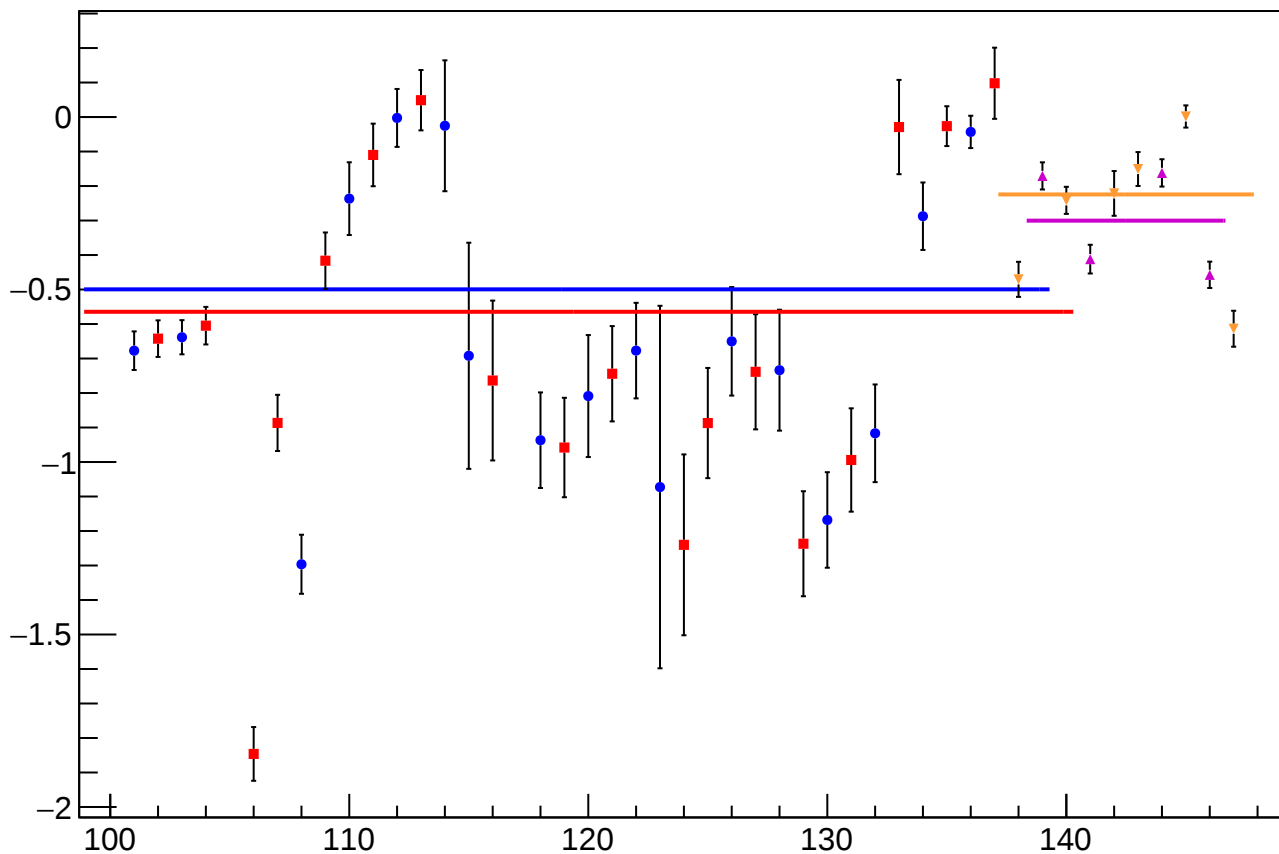
Right: 72.045 $\pm$ 0.304 χ^2/NDF : 10109.9/34

In: 73.069 $\pm$ 0.297 χ^2/NDF : 4975.8/20

Out: 75.244 $\pm$ 0.282 χ^2/NDF : 6182.4/23

All: 74.214 $\pm$ 0.205 χ^2/NDF : 11186.4/44

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 ± 0.020 χ^2/NDF : 47.2/3

Left: -0.259 ± 0.013 χ^2/NDF : 186.1/9

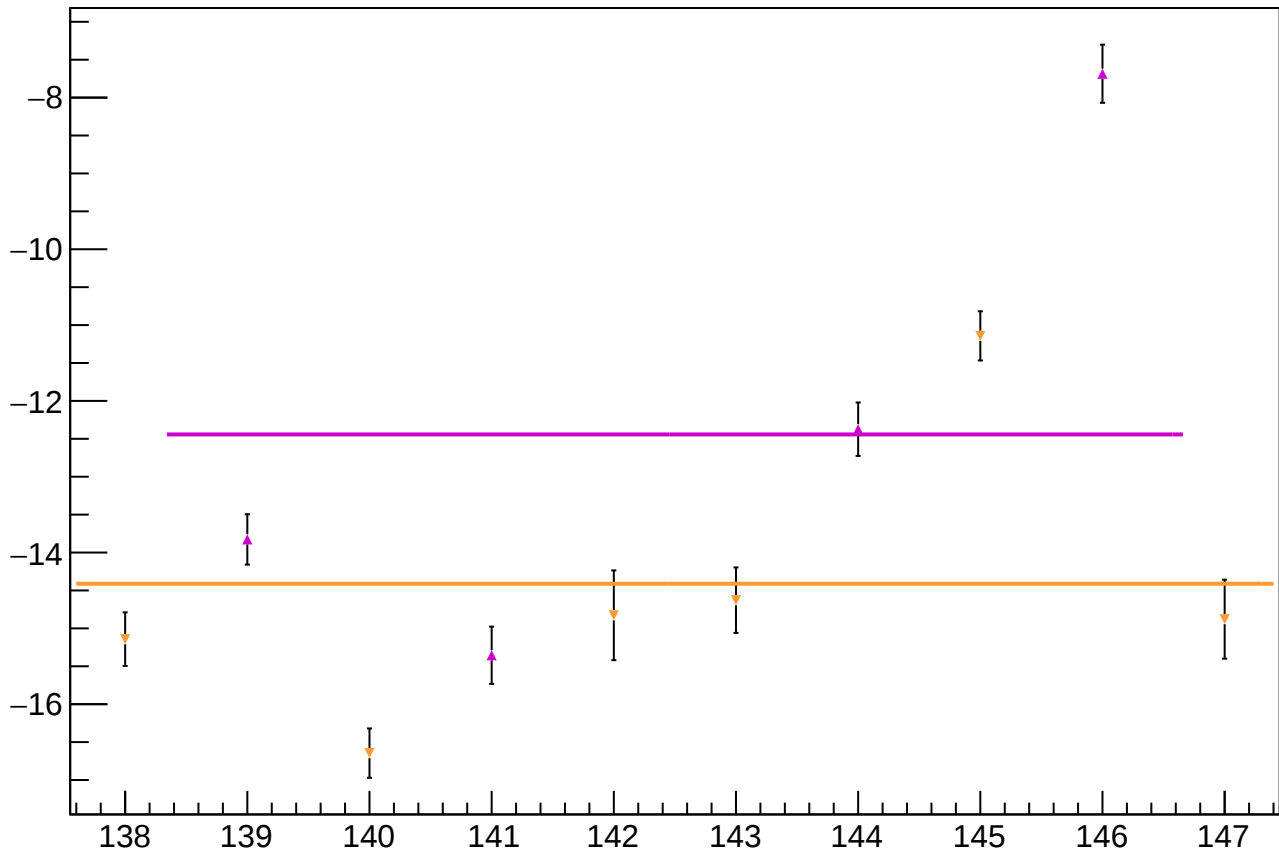
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.388 ± 0.015 χ^2/NDF : 394.3/20

Out: -0.366 ± 0.014 χ^2/NDF : 835.9/23

All: -0.376 ± 0.010 χ^2/NDF : 1231.4/44

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: -12.442+/-0.180 χ^2/NDF :230.9/3

Left: -13.539+/-0.120 χ^2/NDF : 451.9/9

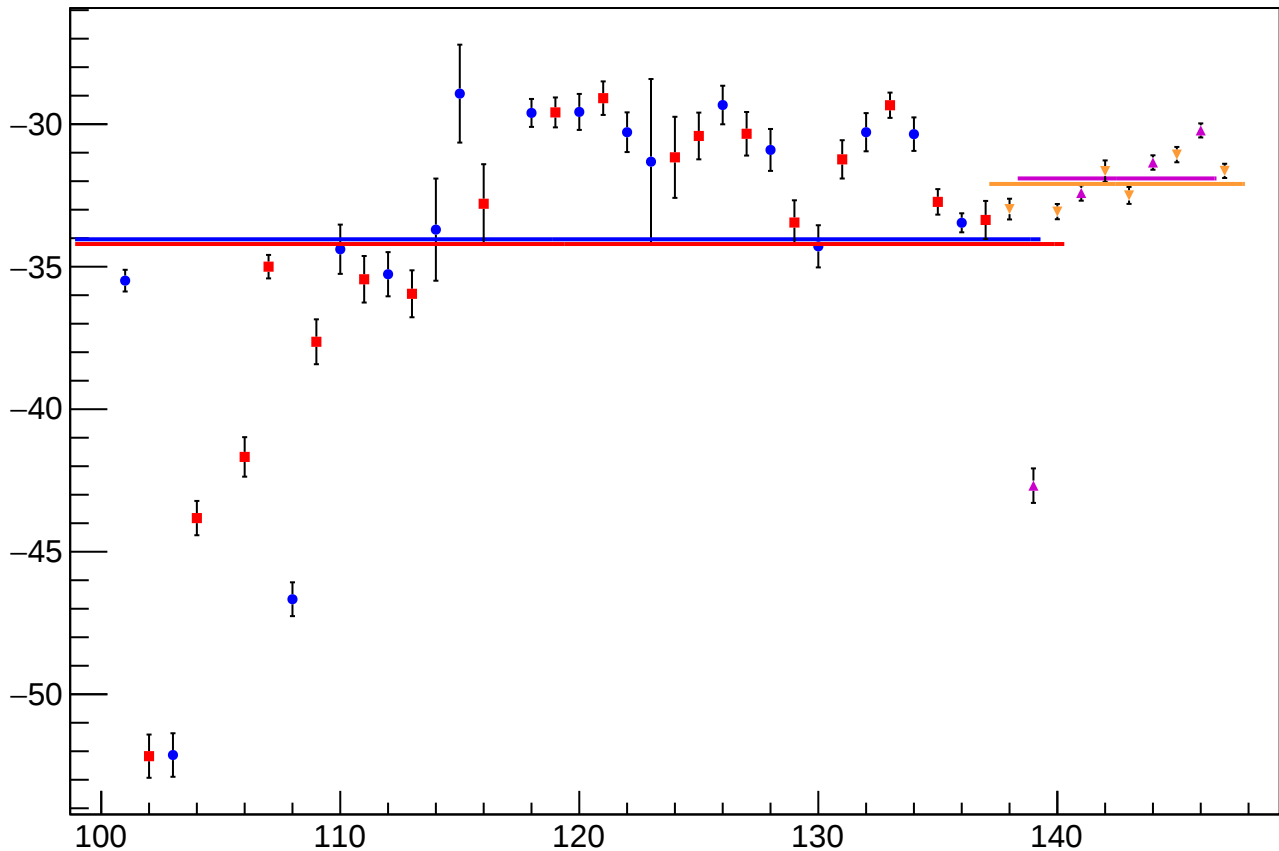
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.442+/-0.180 χ^2/NDF :230.9/3

Out: -14.411+/-0.160 χ^2/NDF :154.4/5

All: -13.539+/-0.120 χ^2/NDF : 451.9/9

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: -31.904 ± 0.144 χ^2/NDF : 372.0/3

Left: -32.018 ± 0.092 χ^2/NDF : 413.4/9

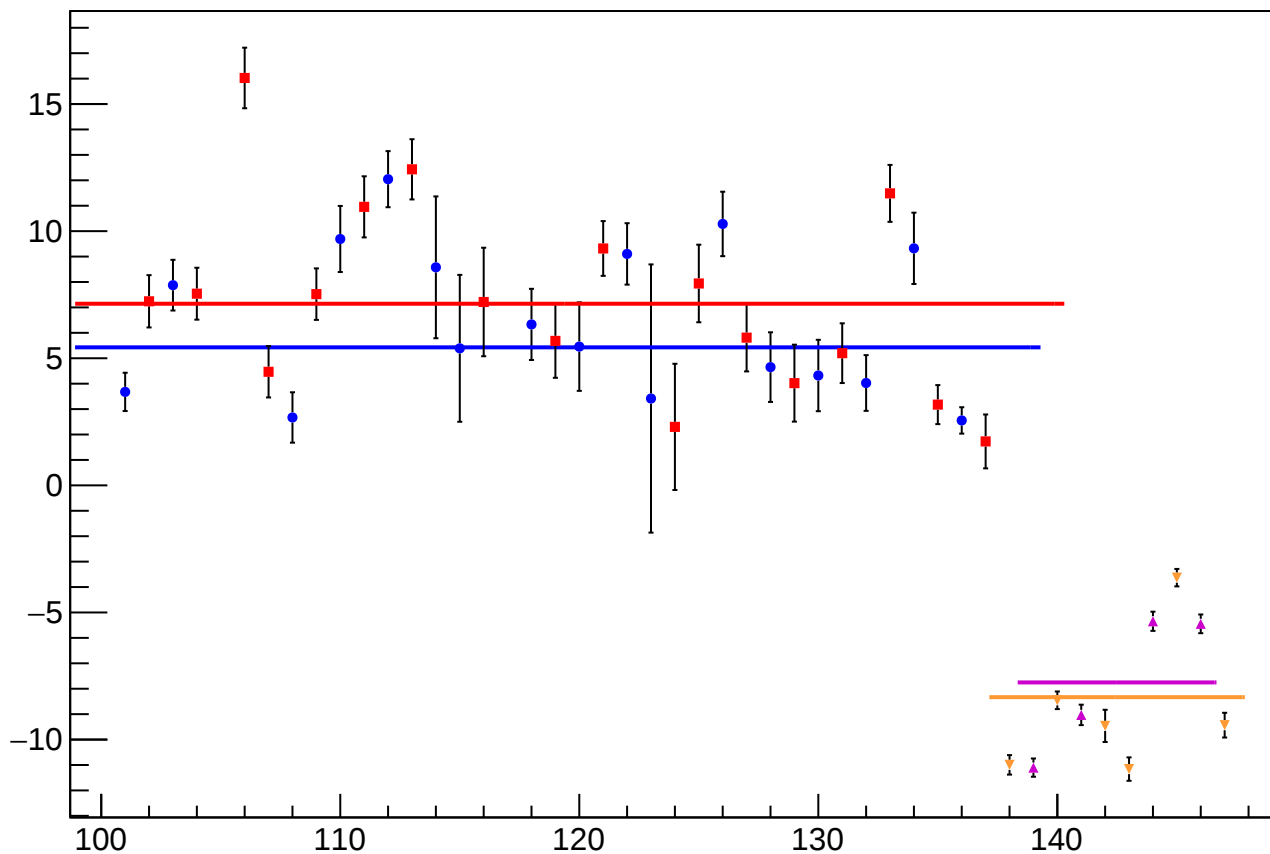
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.918 ± 0.104 χ^2/NDF : 1819.9/20

Out: -32.912 ± 0.094 χ^2/NDF : 1480.8/23

All: -32.915 ± 0.070 χ^2/NDF : 3300.8/44

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: -7.752 ± 0.188 $\chi^2/\text{NDF}: 176.9/3$

Left: -8.073 ± 0.126 $\chi^2/\text{NDF}: 464.4/9$

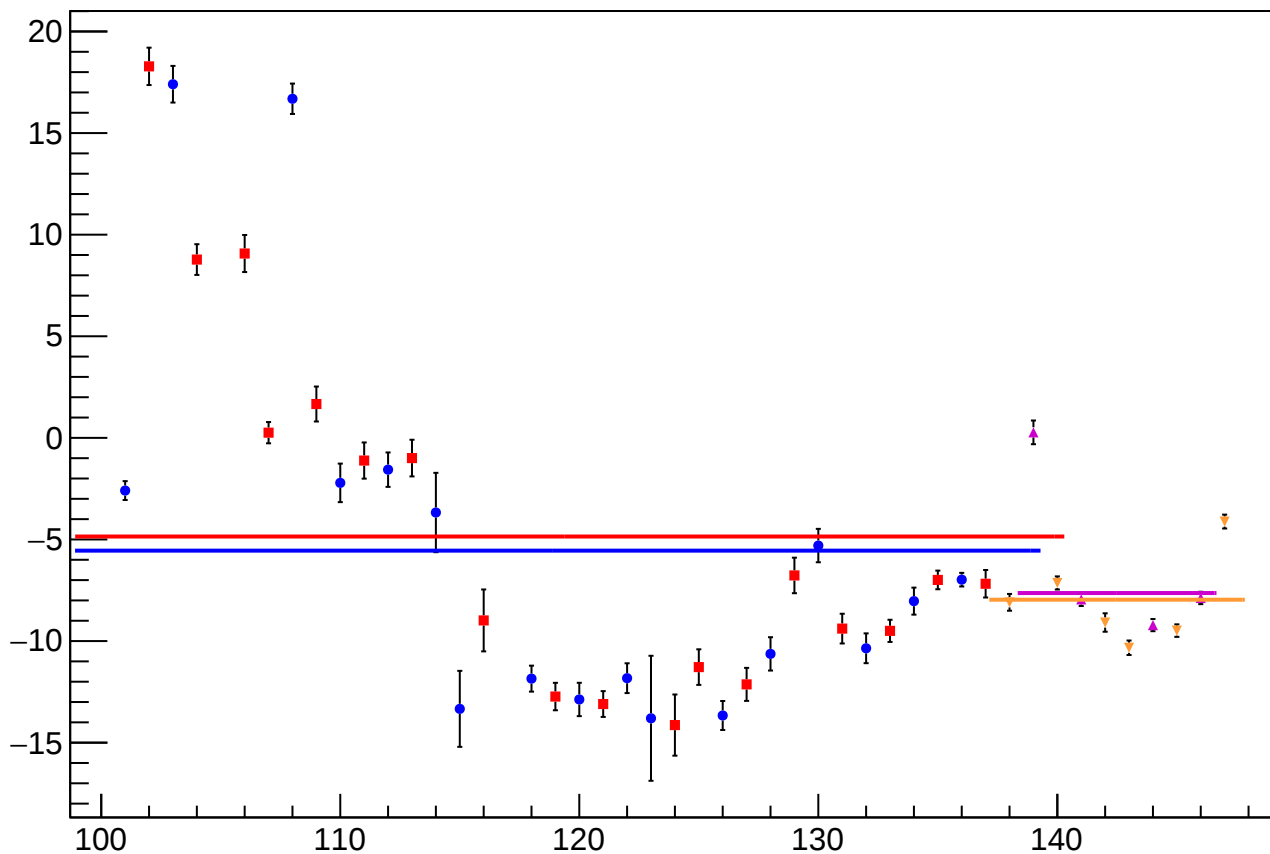
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -3.450 ± 0.154 $\chi^2/\text{NDF}: 1916.2/20$

Out: -4.092 ± 0.144 $\chi^2/\text{NDF}: 2760.6/23$

All: -3.793 ± 0.105 $\chi^2/\text{NDF}: 4686.1/44$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.965 ± 0.145 χ^2/NDF : 207.4/5

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.636 ± 0.171 χ^2/NDF : 213.1/3

Left: -7.826 ± 0.111 χ^2/NDF : 422.7/9

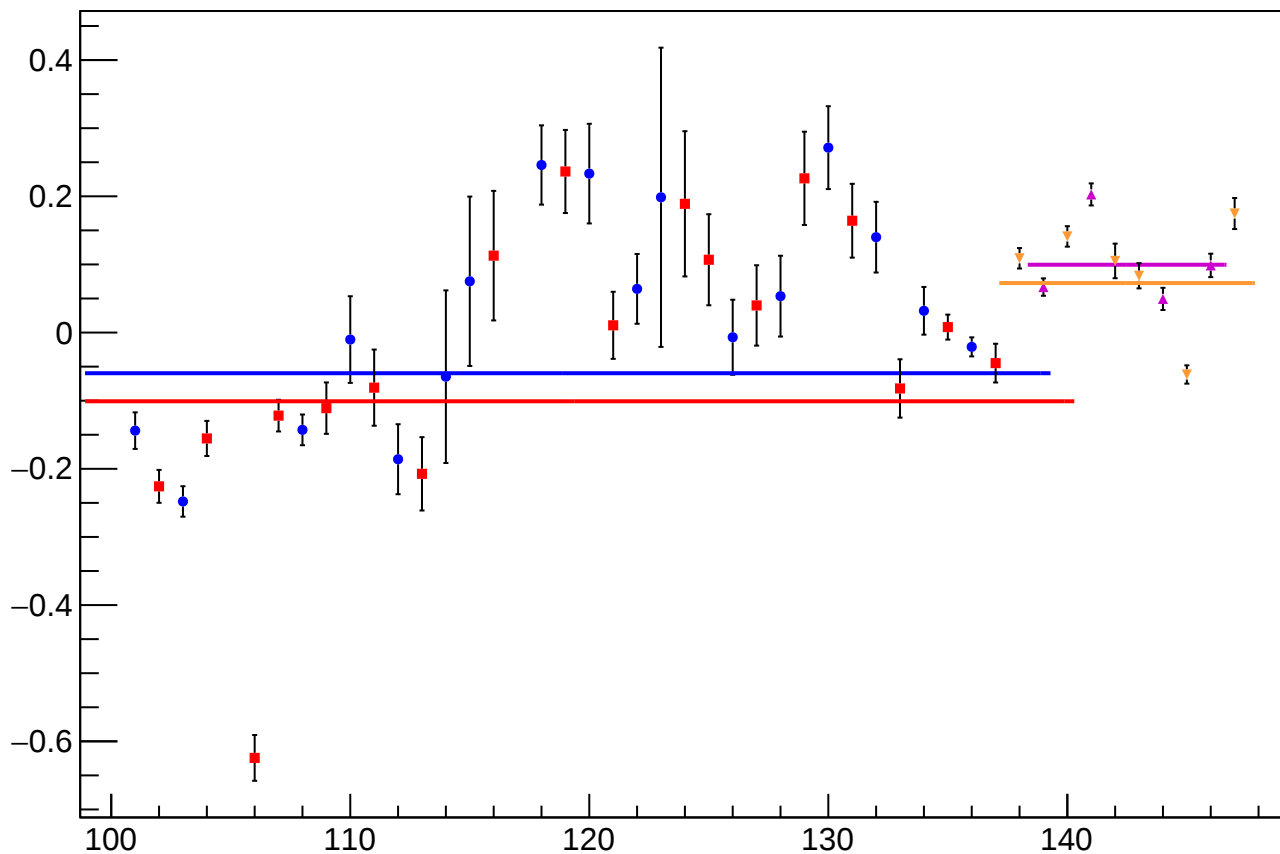
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -6.591 ± 0.120 χ^2/NDF : 2414.8/20

Out: -6.675 ± 0.111 χ^2/NDF : 2410.1/23

All: -6.636 ± 0.082 χ^2/NDF : 4825.1/44

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: 0.100 ± 0.008 χ^2/NDF : 56.7/3

Left: 0.085 ± 0.005 χ^2/NDF : 211.8/9

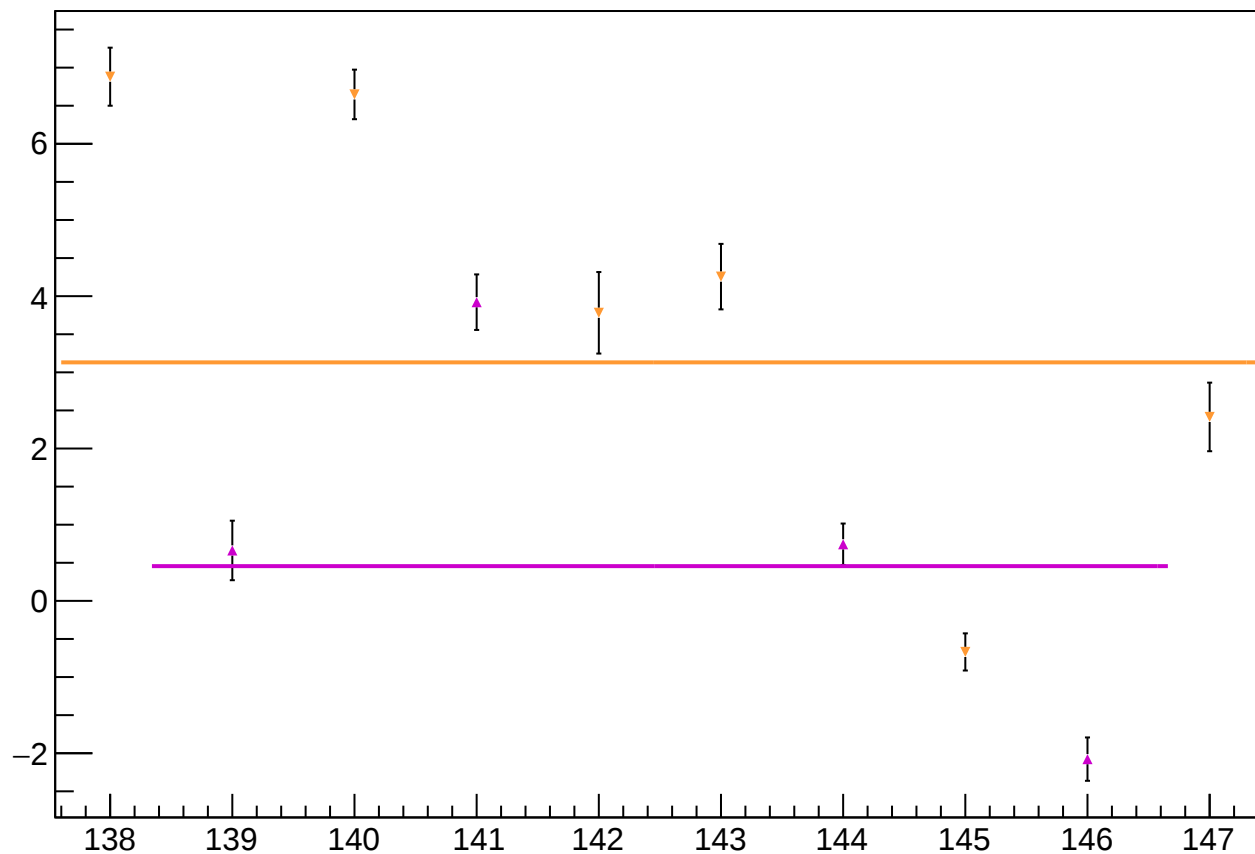
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.027 ± 0.006 χ^2/NDF : 470.0/20

Out: 0.003 ± 0.005 χ^2/NDF : 829.0/23

All: 0.014 ± 0.004 χ^2/NDF : 1308.9/44

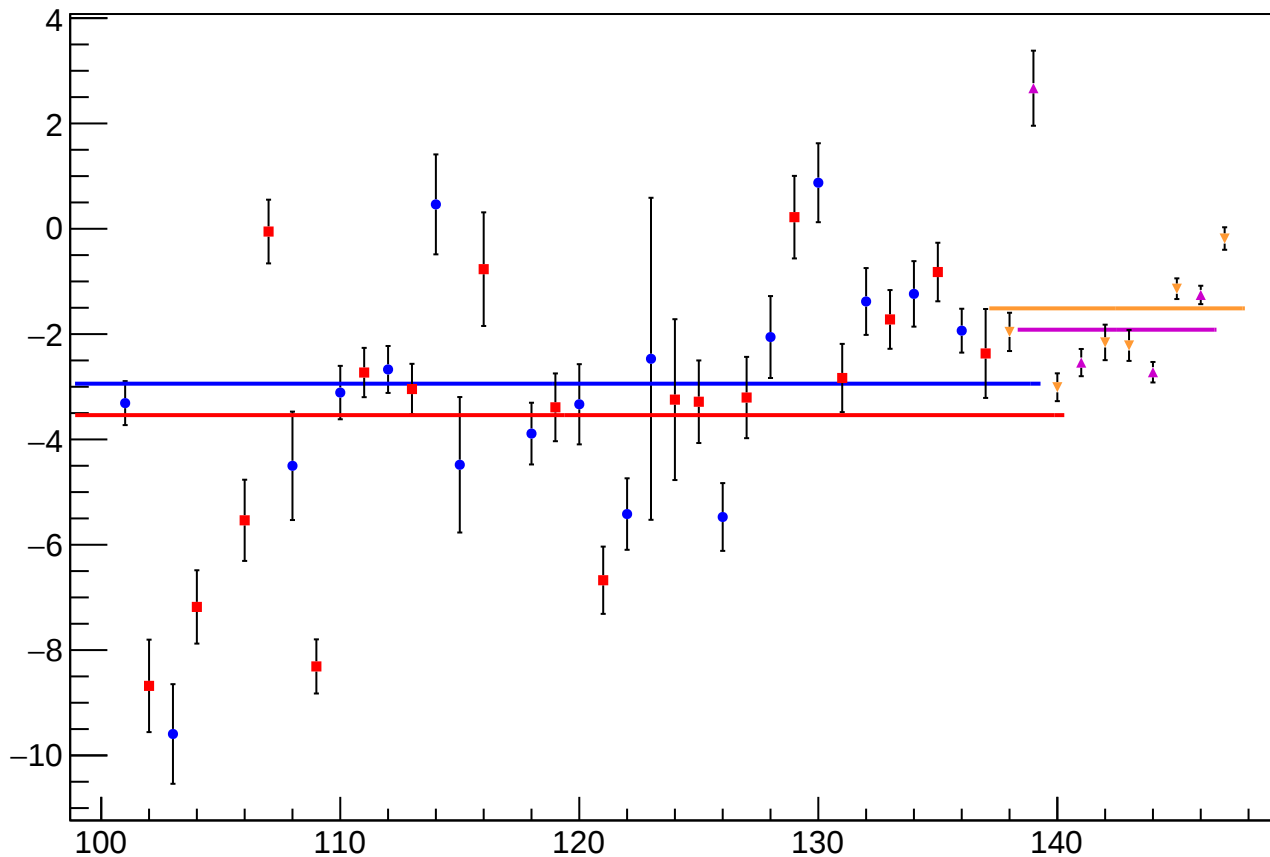
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 0.456+/-0.158 χ^2/NDF : 171.0/3

Left: 1.902+/-0.107 χ^2/NDF : 793.1/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.456+/-0.158 χ^2/NDF : 171.0/3
 Out: 3.131+/-0.146 χ^2/NDF : 467.6/5
 All: 1.902+/-0.107 χ^2/NDF : 793.1/9

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: -1.916 ± 0.115 χ^2/NDF : 78.7/3

Left: -1.697 ± 0.078 χ^2/NDF : 170.7/9

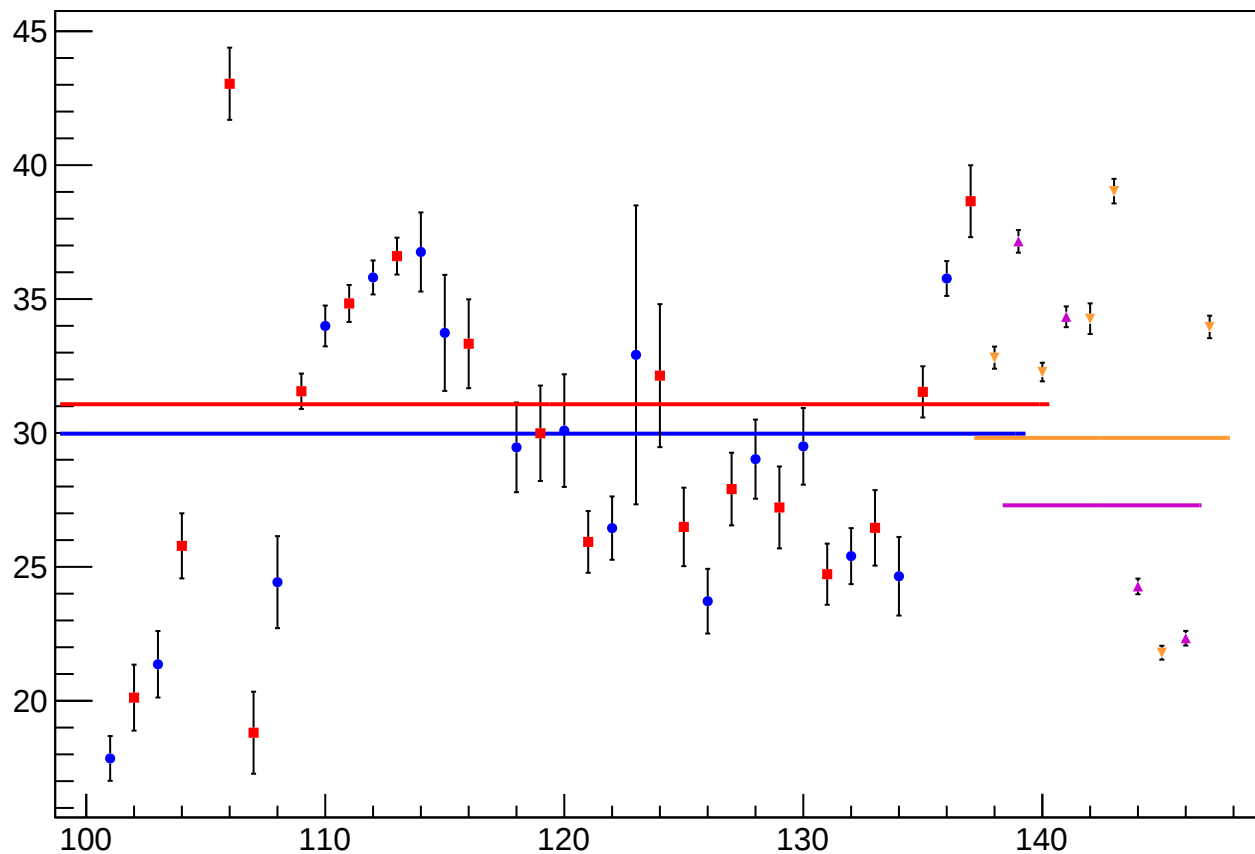
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.281 ± 0.092 χ^2/NDF : 252.8/20

Out: -2.154 ± 0.087 χ^2/NDF : 486.2/23

All: -2.214 ± 0.063 χ^2/NDF : 740.0/44

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 29.816 ± 0.153 $\chi^2/\text{NDF}: 1618.7/5$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 27.298 ± 0.163 $\chi^2/\text{NDF}: 1312.7/3$

Left: 28.637 ± 0.112 $\chi^2/\text{NDF}: 3057.6/9$

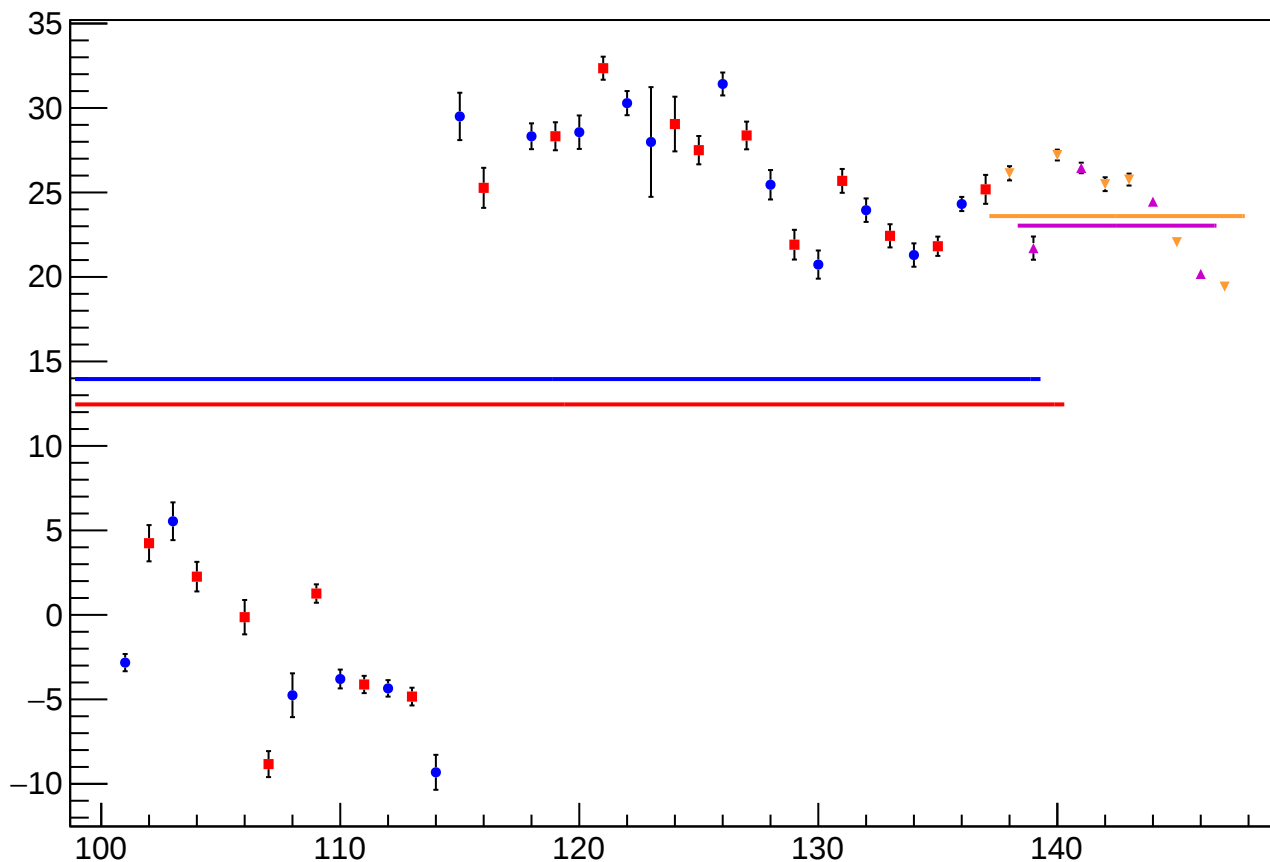
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 28.027 ± 0.139 $\chi^2/\text{NDF}: 1939.6/20$

Out: 30.140 ± 0.132 $\chi^2/\text{NDF}: 2089.4/23$

All: 29.140 ± 0.096 $\chi^2/\text{NDF}: 4149.9/44$

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: 23.036 $\pm$ 0.139 χ^2 /NDF:330.4/3

Left: 23.340 $\pm$ 0.094 χ^2 /NDF: 809.3/9

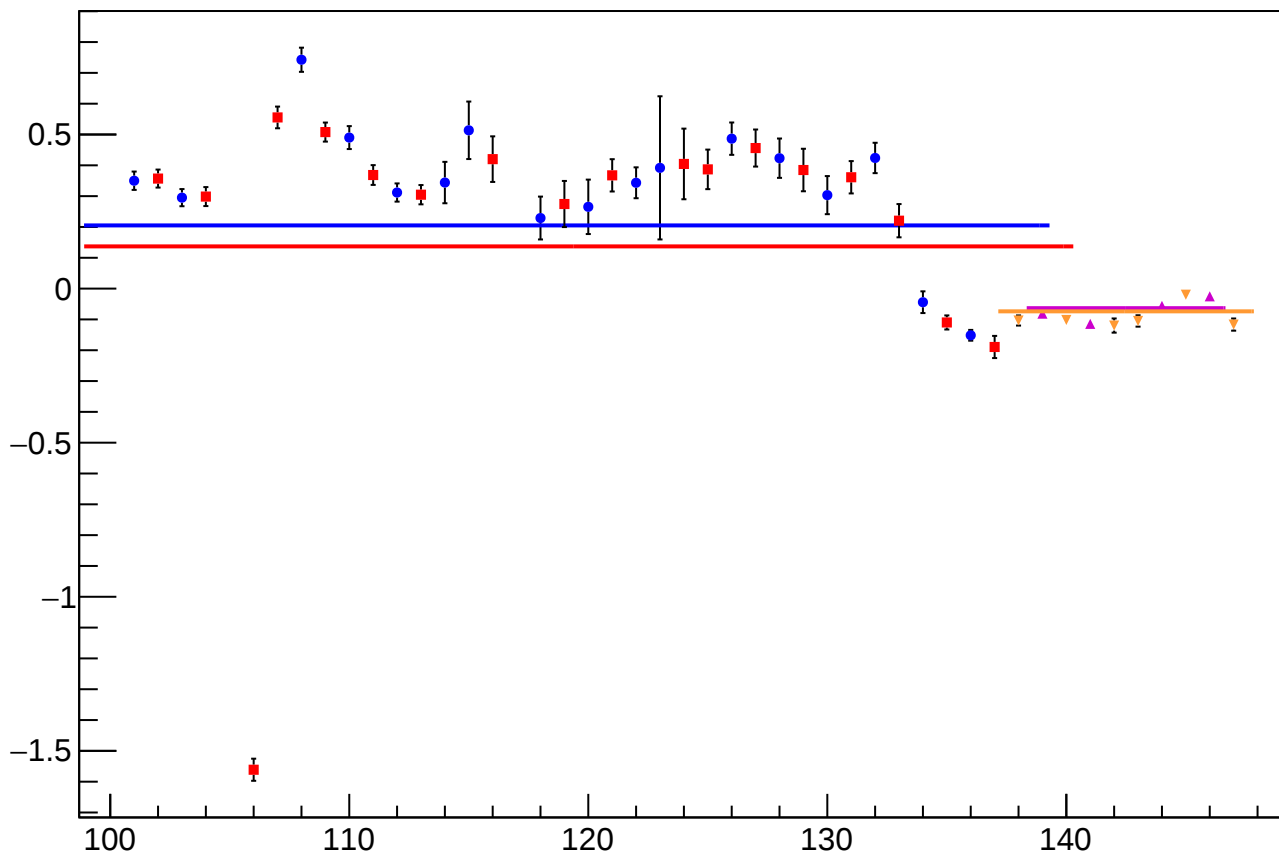
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.462 $\pm$ 0.108 χ^2 /NDF:9362.7/20

Out: 19.654 $\pm$ 0.103 χ^2 /NDF:10107.0/23

All: 19.562 $\pm$ 0.075 χ^2 /NDF: 19471.4/44

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.074 $\pm$ 0.006 χ^2 /NDF:46.4/5

Right Out: 0.137 $\pm$ 0.009 χ^2 /NDF: 3007.9/17

Left In: -0.064 $\pm$ 0.007 χ^2 /NDF:21.5/3

Left: -0.069 $\pm$ 0.005 χ^2 /NDF: 69.1/9

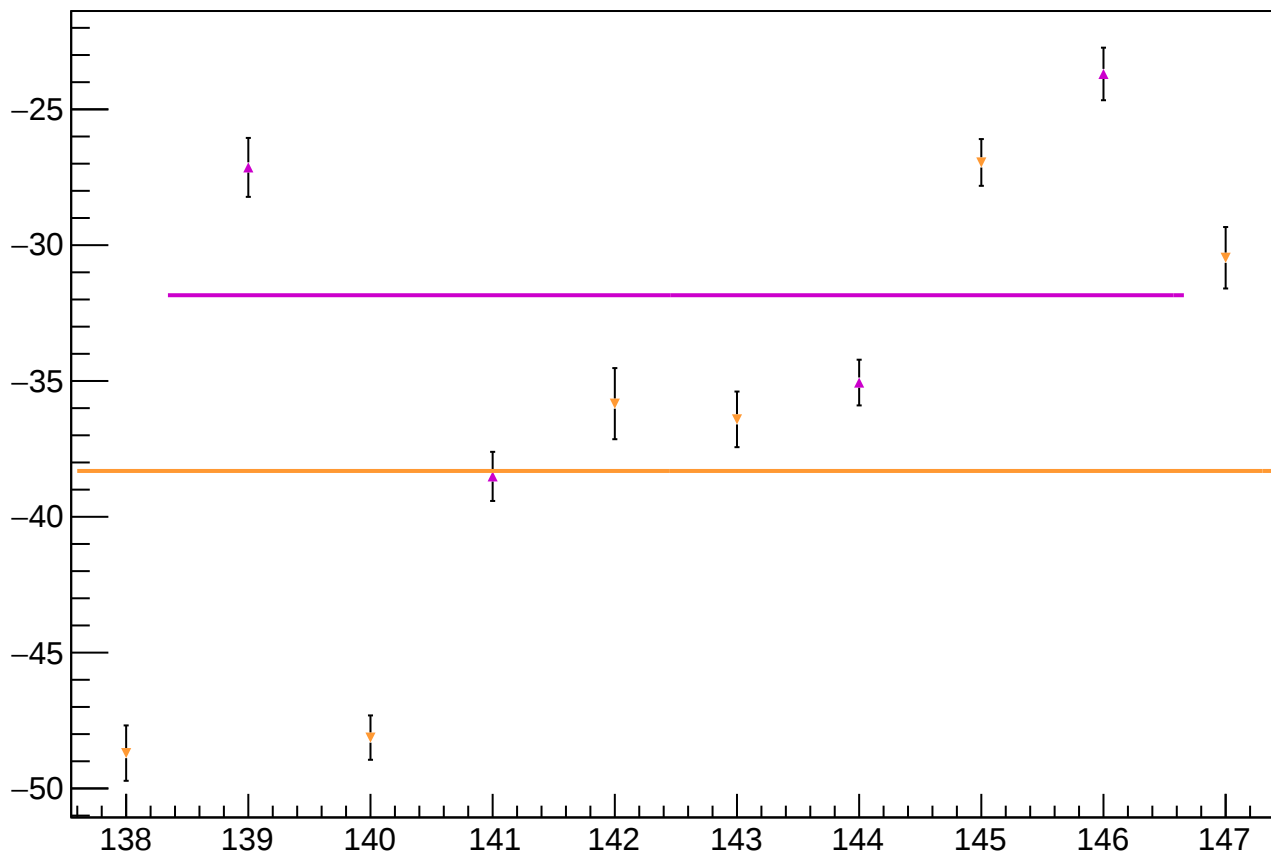
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: 0.031 $\pm$ 0.006 χ^2 /NDF:1401.4/20

Out: -0.007 $\pm$ 0.005 χ^2 /NDF:3410.4/23

All: 0.011 $\pm$ 0.004 χ^2 /NDF: 4835.8/44

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: -31.843+/-0.469 χ^2/NDF :158.7/3

Left: -35.555+/-0.306 χ^2/NDF : 745.8/9

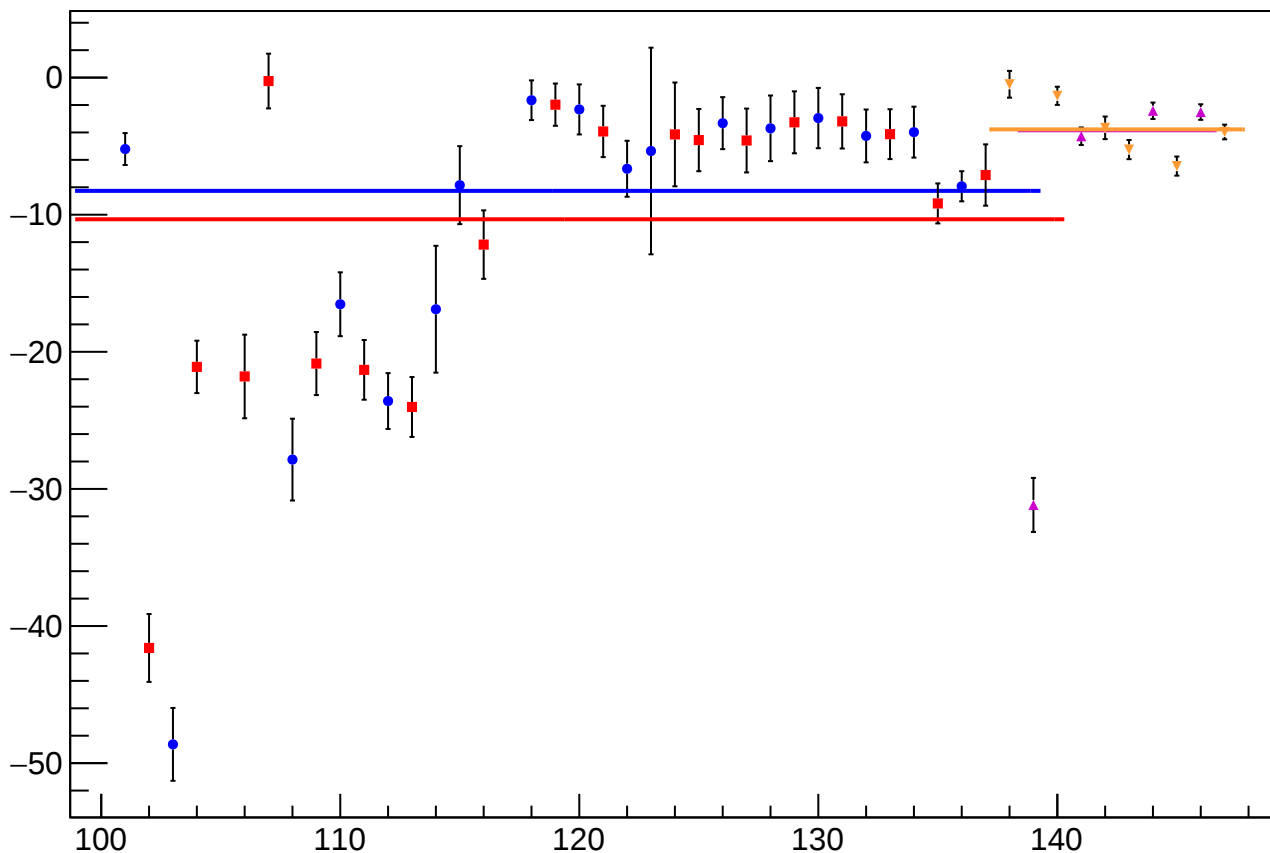
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.843+/-0.469 χ^2/NDF :158.7/3

Out: -38.312+/-0.404 χ^2/NDF :477.7/5

All: -35.555+/-0.306 χ^2/NDF : 745.8/9

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.777 ± 0.284 χ^2/NDF : 44.4/5

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -3.843 ± 0.341 χ^2/NDF : 203.9/3

Left: -3.804 ± 0.218 χ^2/NDF : 248.3/9

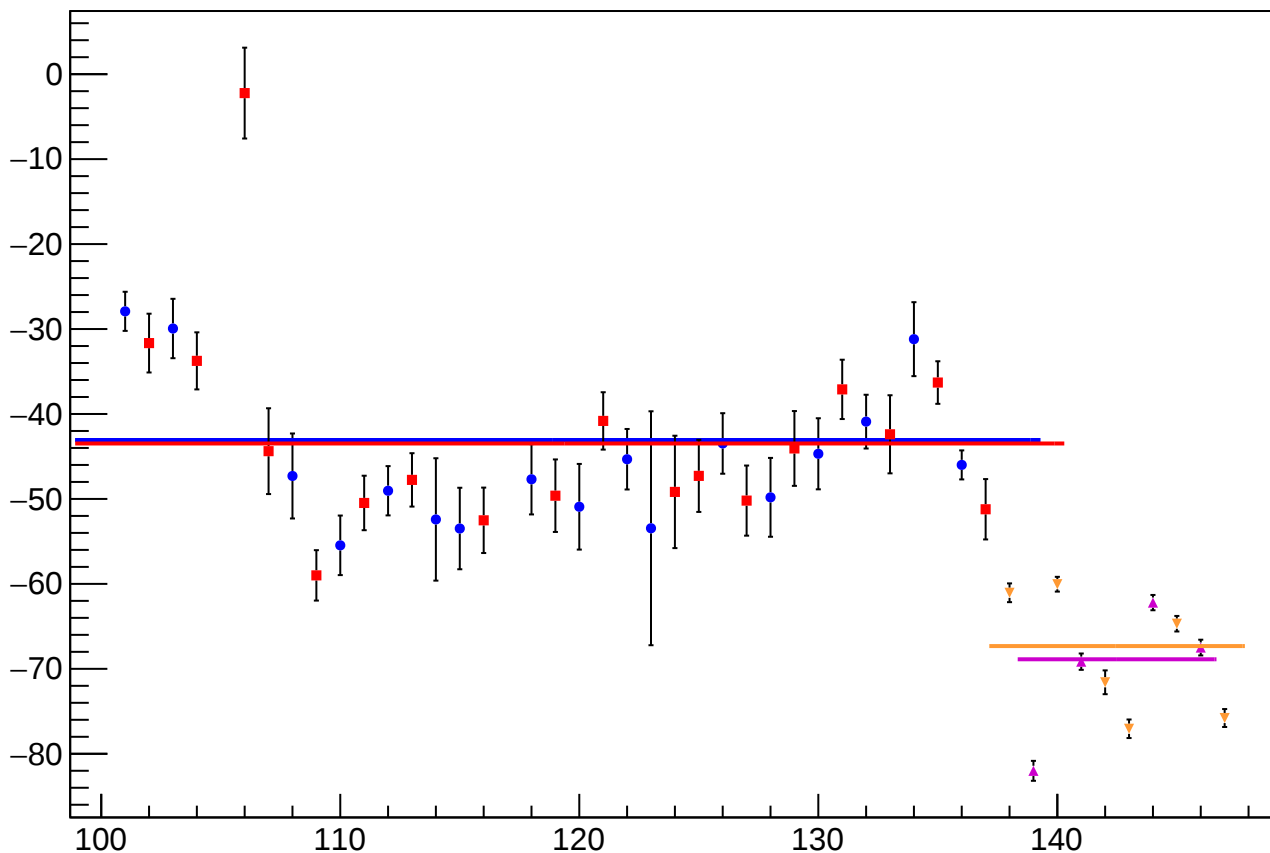
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -5.400 ± 0.275 χ^2/NDF : 674.9/20

Out: -5.420 ± 0.246 χ^2/NDF : 588.9/23

All: -5.411 ± 0.183 χ^2/NDF : 1263.8/44

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: -68.877 ± 0.488 $\chi^2/\text{NDF}: 182.4/3$

Left: -67.990 ± 0.320 $\chi^2/\text{NDF}: 451.9/9$

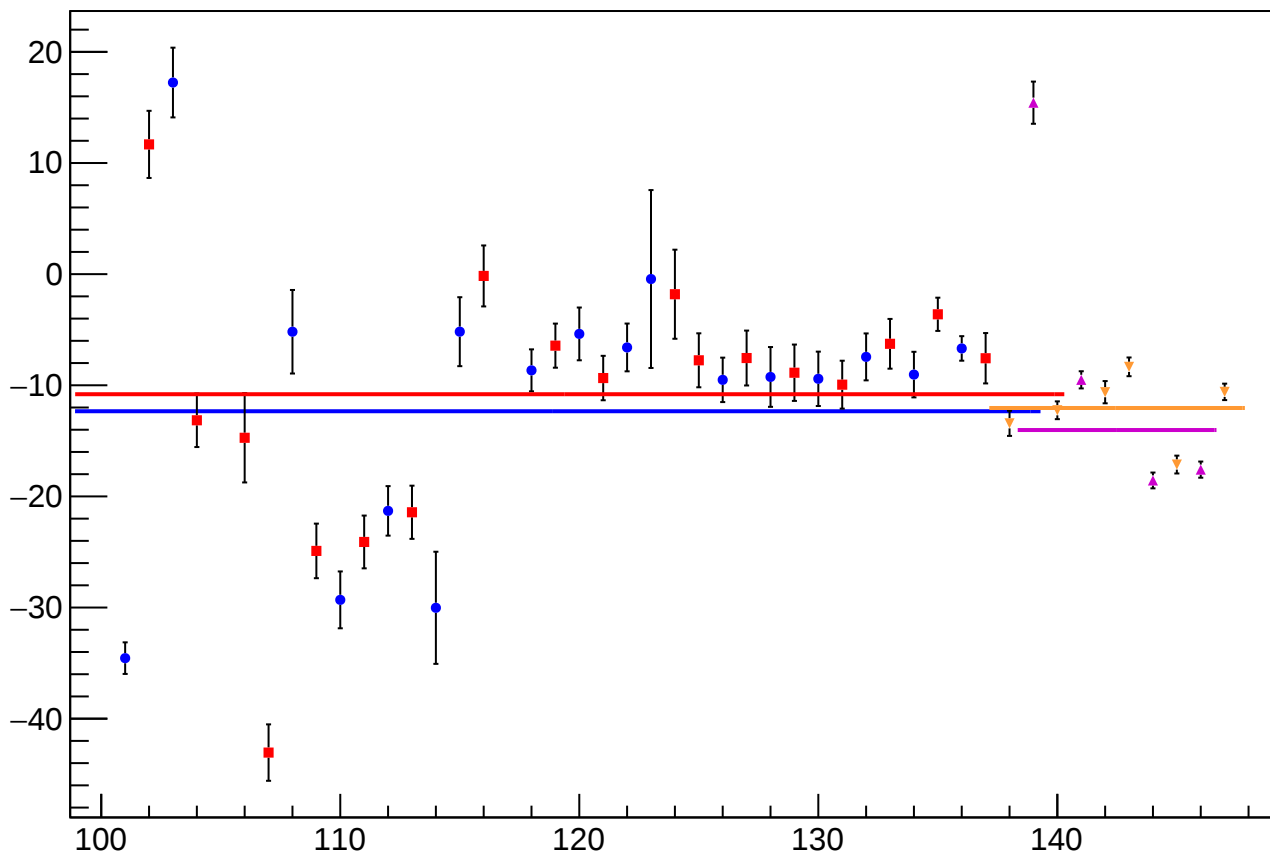
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -62.318 ± 0.421 $\chi^2/\text{NDF}: 993.7/20$

Out: -62.747 ± 0.380 $\chi^2/\text{NDF}: 1015.1/23$

All: -62.554 ± 0.282 $\chi^2/\text{NDF}: 2009.4/44$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -12.044 ± 0.351 χ^2/NDF : 67.0/5

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -14.026 ± 0.414 χ^2/NDF : 339.7/3

Left: -12.871 ± 0.268 χ^2/NDF : 420.0/9

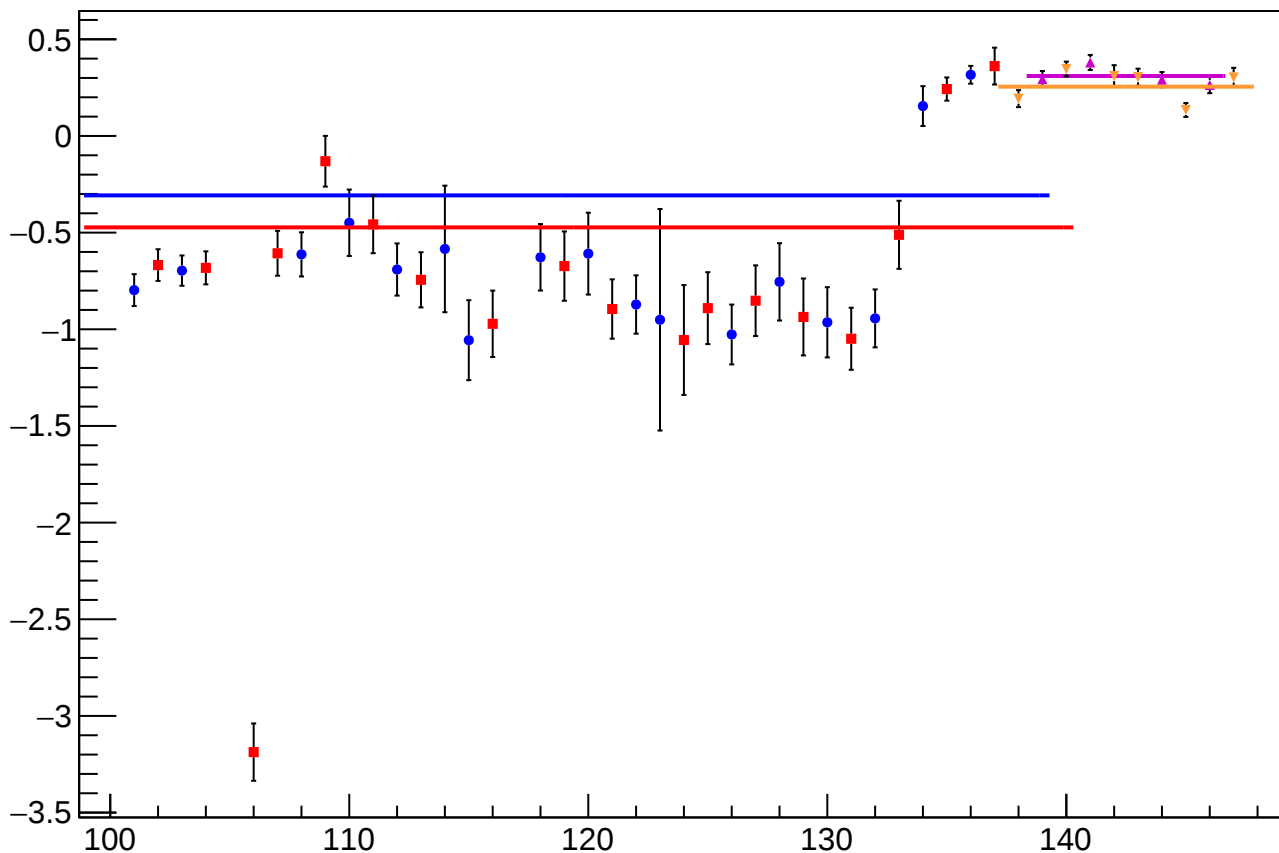
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -13.370 ± 0.324 χ^2/NDF : 821.3/20

Out: -11.689 ± 0.296 χ^2/NDF : 431.9/23

All: -12.454 ± 0.219 χ^2/NDF : 1267.9/44

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: 0.310 ± 0.020 χ^2/NDF : 4.8/3

Left: 0.279 ± 0.013 χ^2/NDF : 31.2/9

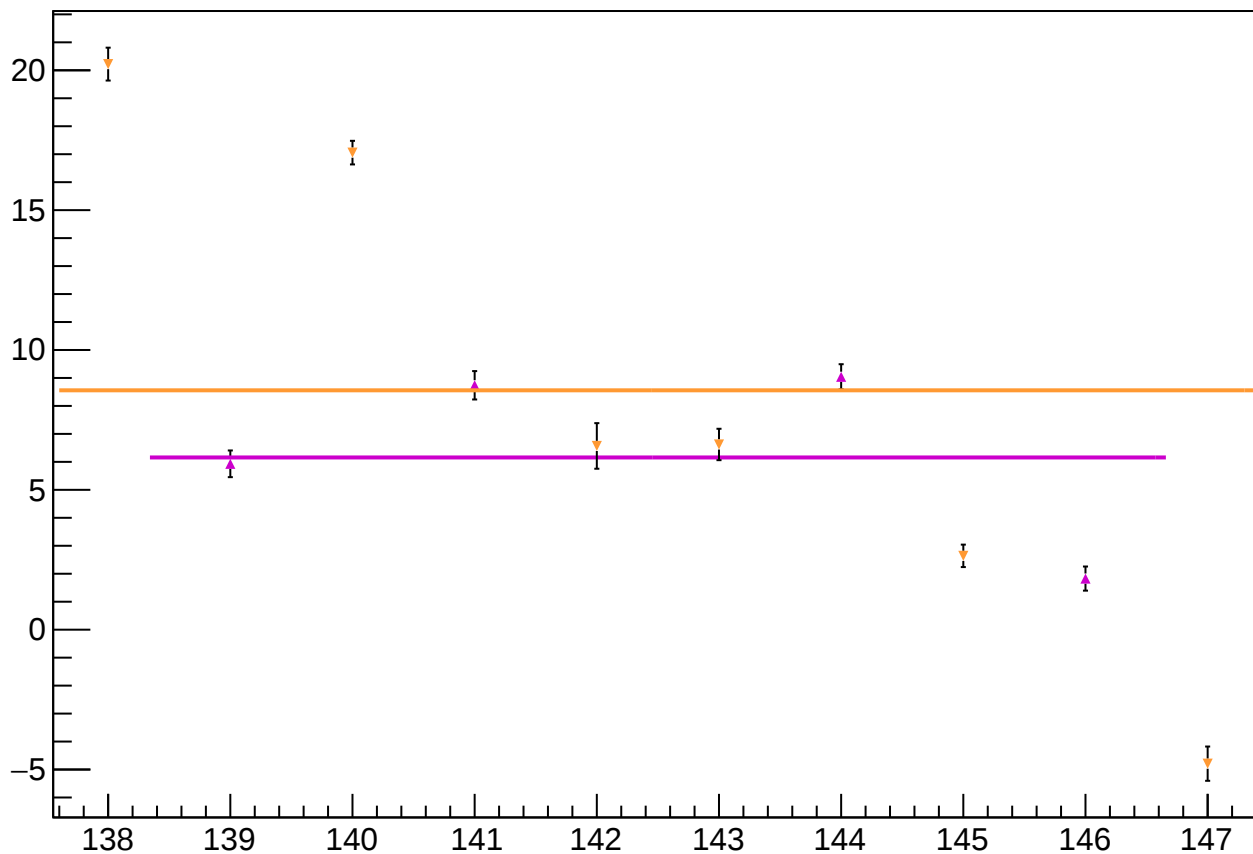
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.093 ± 0.016 χ^2/NDF : 703.2/20

Out: 0.055 ± 0.015 χ^2/NDF : 1117.9/23

All: 0.072 ± 0.011 χ^2/NDF : 1824.1/44

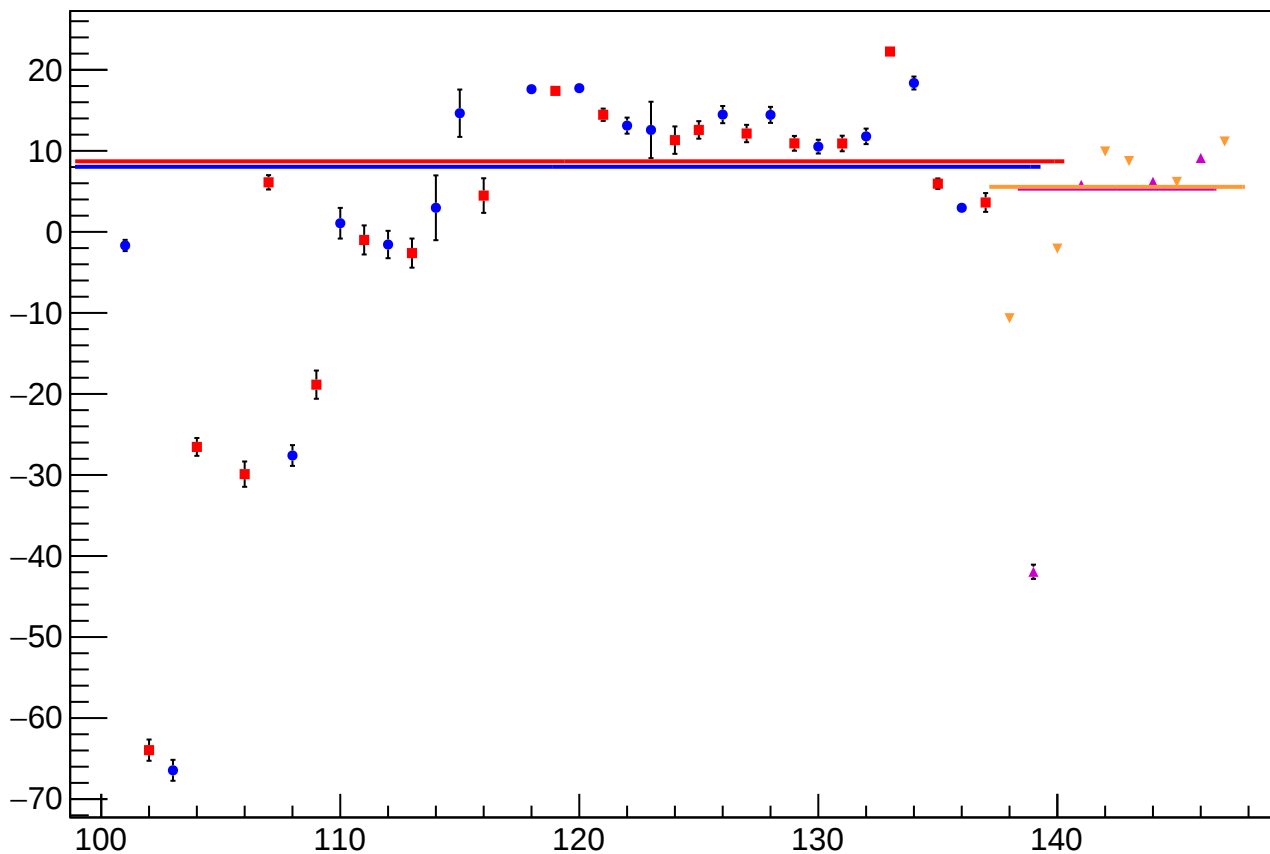
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 6.157 $\pm$ 0.232 χ^2 /NDF:168.1/3

Left: 7.460 $\pm$ 0.157 χ^2 /NDF: 1735.7/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.157 $\pm$ 0.232 χ^2 /NDF:168.1/3
 Out: 8.558 $\pm$ 0.213 χ^2 /NDF:1509.4/5
 All: 7.460 $\pm$ 0.157 χ^2 /NDF: 1735.7/9

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 5.558 ± 0.154 $\chi^2/\text{NDF}: 1718.8/5$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 5.335 ± 0.178 $\chi^2/\text{NDF}: 3085.0/3$

Left: 5.463 ± 0.116 $\chi^2/\text{NDF}: 4804.7/9$

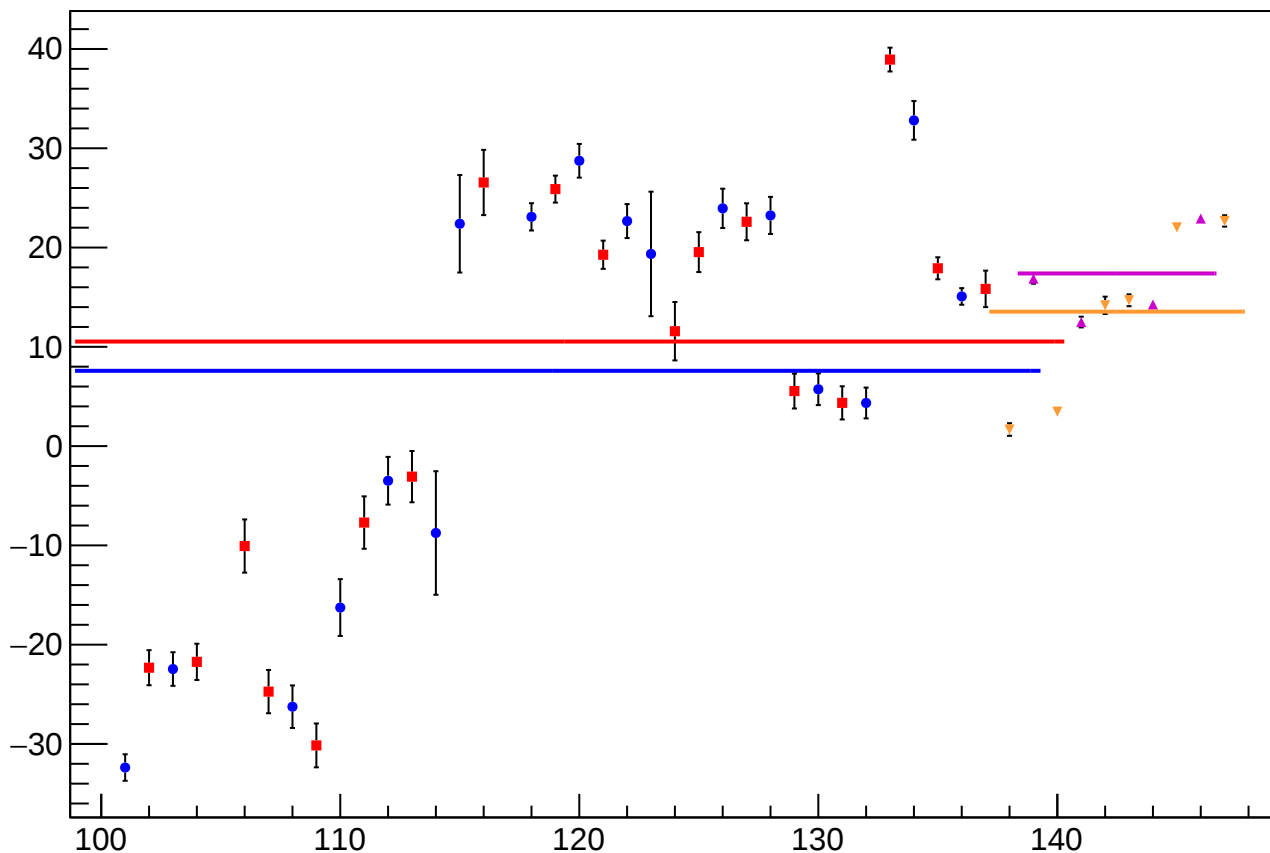
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 6.431 ± 0.137 $\chi^2/\text{NDF}: 8548.6/20$

Out: 6.638 ± 0.125 $\chi^2/\text{NDF}: 8152.5/23$

All: 6.544 ± 0.092 $\chi^2/\text{NDF}: 16702.4/44$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 13.543 ± 0.223 $\chi^2/\text{NDF}: 1508.0/5$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 17.390 ± 0.240 $\chi^2/\text{NDF}: 303.6/3$

Left: 15.323 ± 0.163 $\chi^2/\text{NDF}: 1949.4/9$

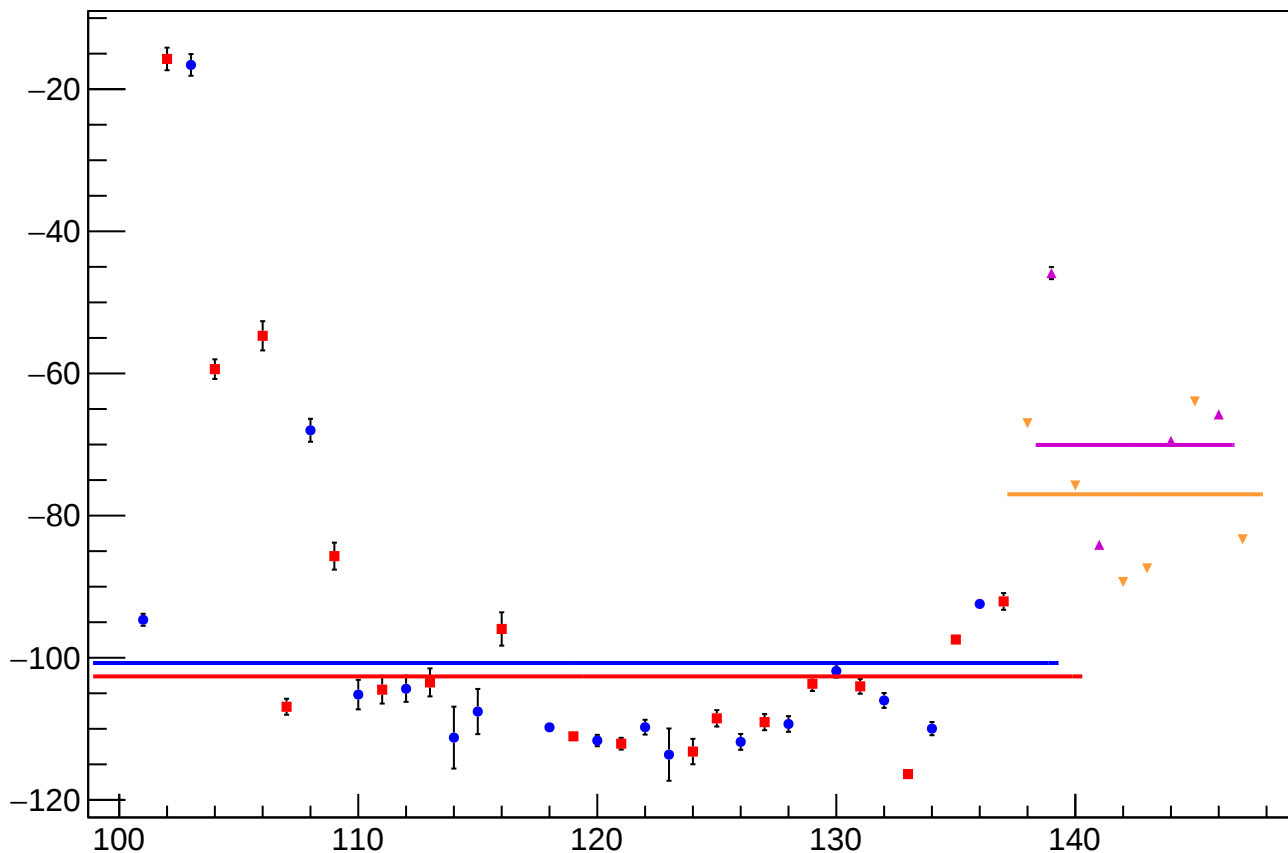
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 14.941 ± 0.208 $\chi^2/\text{NDF}: 3042.5/20$

Out: 12.875 ± 0.197 $\chi^2/\text{NDF}: 3827.9/23$

All: 13.850 ± 0.143 $\chi^2/\text{NDF}: 6922.5/44$

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: -70.055+/-0.213 χ^2/NDF : 2009.0/3

Left: -73.951+/-0.141 χ^2/NDF : 5160.9/9

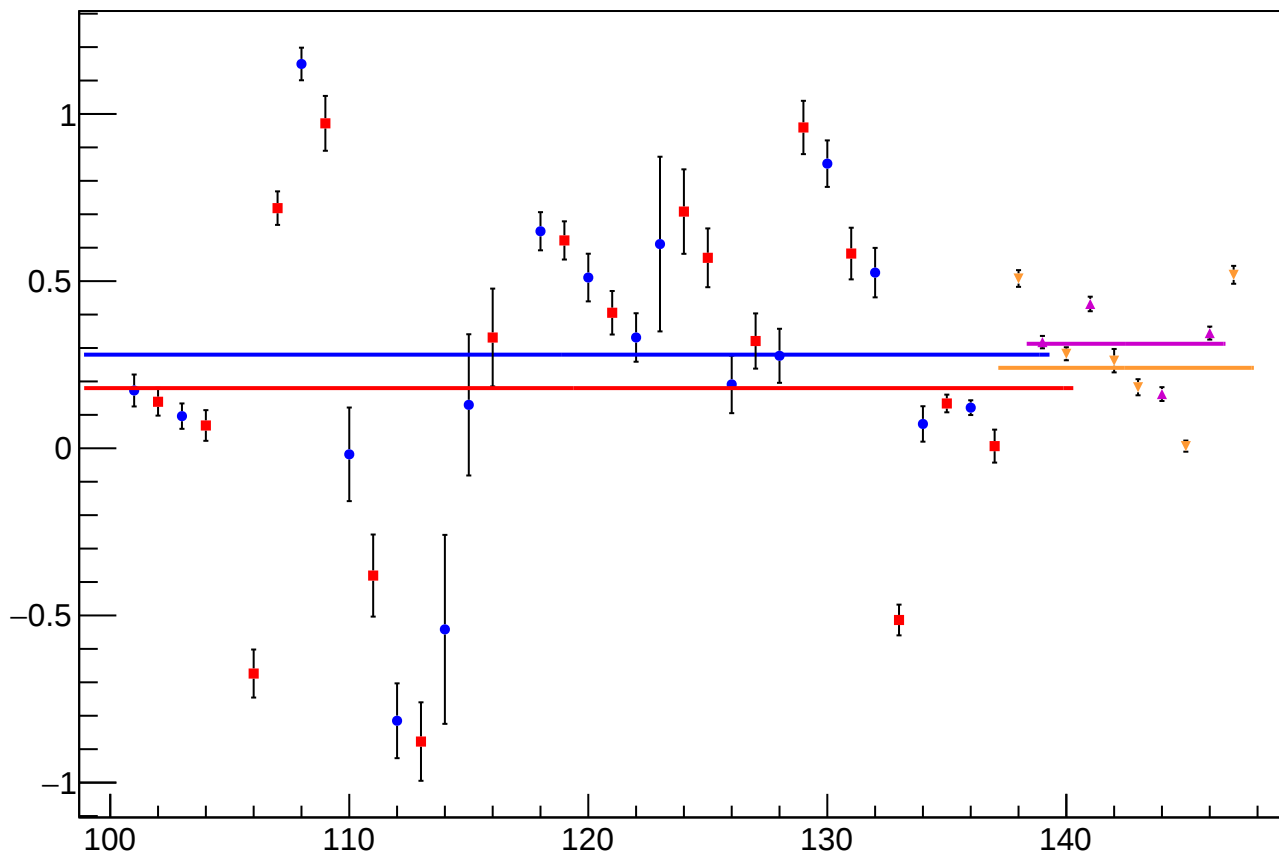
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -83.068+/-0.162 χ^2/NDF : 15321.2/20

Out: -86.475+/-0.150 χ^2/NDF : 15105.1/23

All: -84.903+/-0.110 χ^2/NDF : 30665.3/44

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: 0.313 ± 0.010 $\chi^2/\text{NDF}: 85.5/3$

Left: 0.274 ± 0.007 $\chi^2/\text{NDF}: 544.1/9$

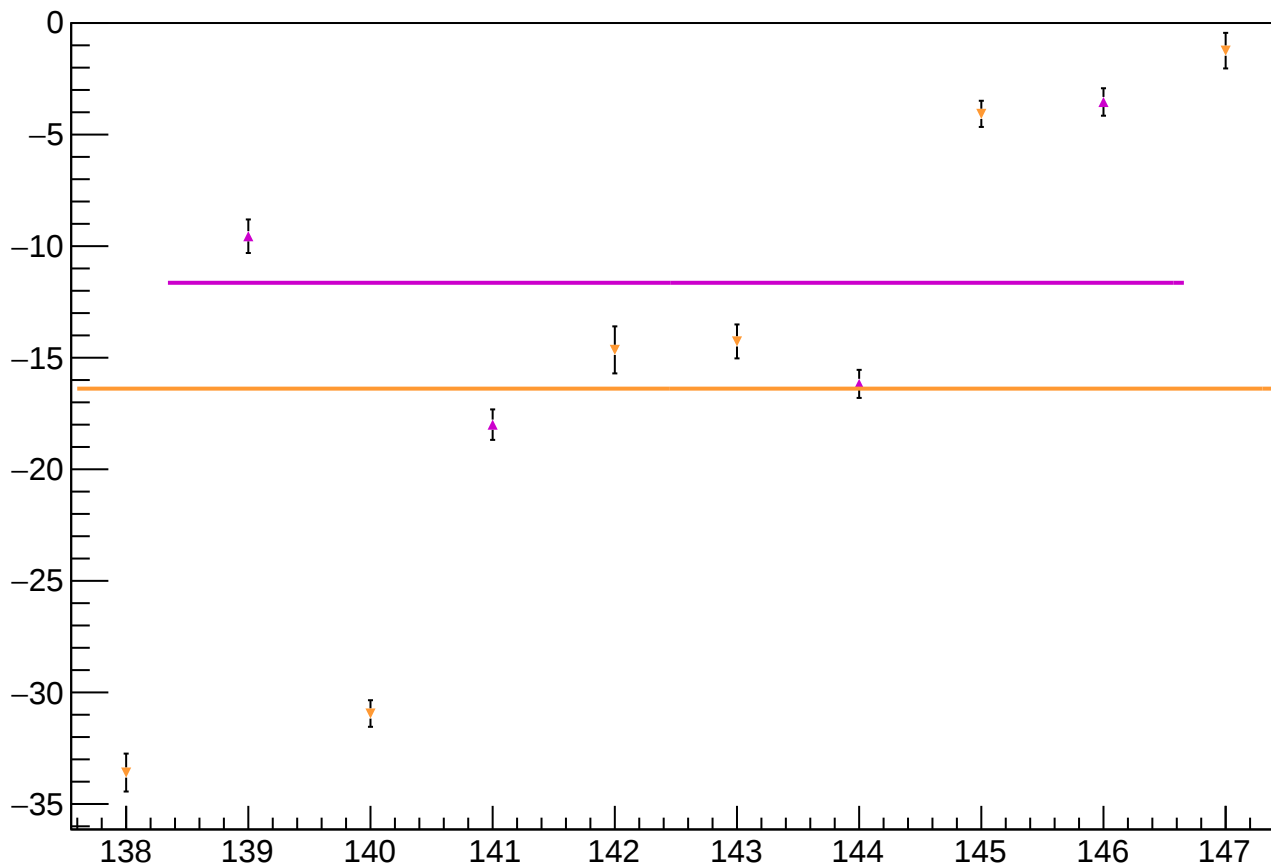
Right: 0.230 ± 0.010 $\chi^2/\text{NDF}: 1621.0/34$

In: 0.301 ± 0.008 $\chi^2/\text{NDF}: 745.7/20$

Out: 0.221 ± 0.008 $\chi^2/\text{NDF}: 1381.4/23$

All: 0.259 ± 0.006 $\chi^2/\text{NDF}: 2179.0/44$

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: -11.642+/-0.332 χ^2/NDF :319.6/3

Left: -14.273+/-0.221 χ^2/NDF : 2252.1/9

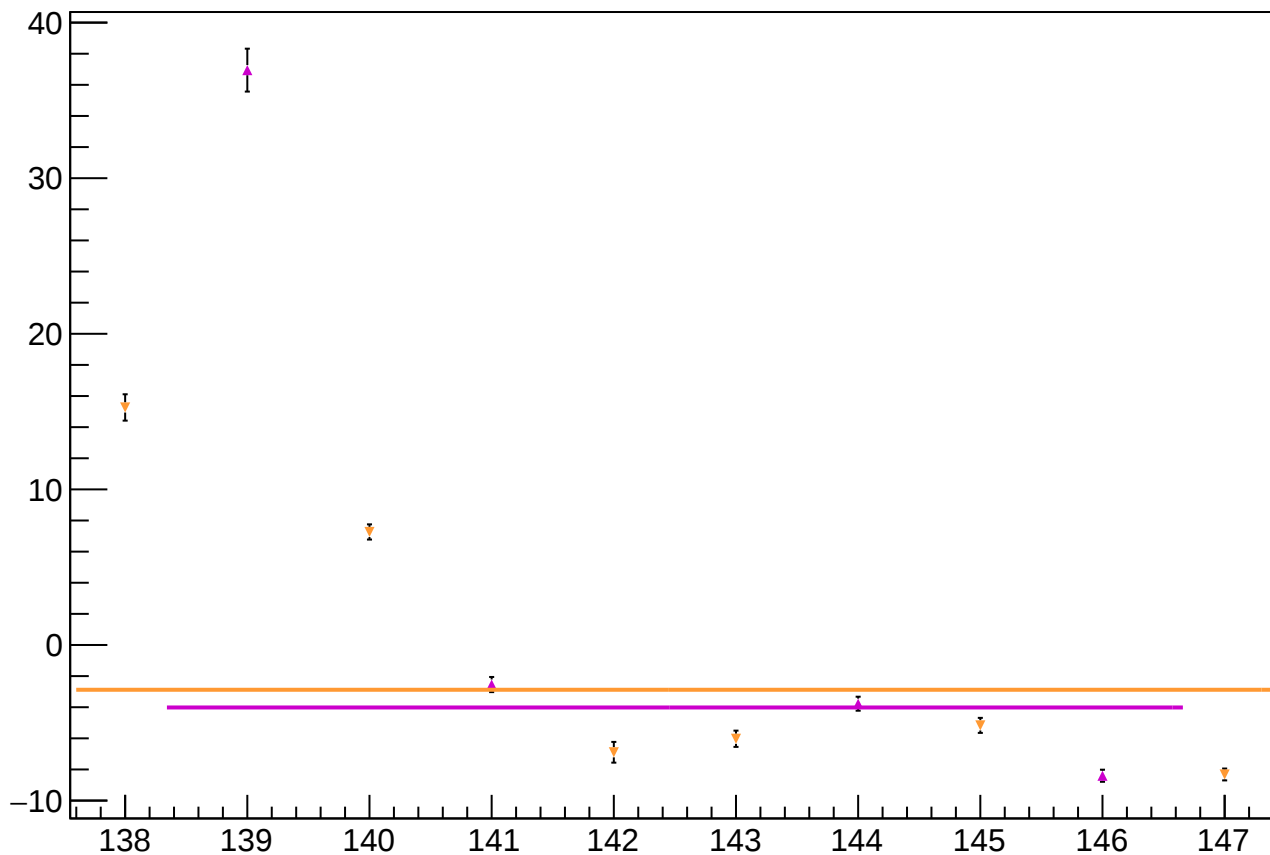
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.642+/-0.332 χ^2/NDF :319.6/3

Out: -16.385+/-0.297 χ^2/NDF :1819.2/5

All: -14.273+/-0.221 χ^2/NDF : 2252.1/9

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.878+/-0.210 χ^2/NDF :1188.0/5

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

Left In: -4.016+/-0.248 χ^2/NDF :1018.7/3

Left: -3.354+/-0.160 χ^2/NDF : 2219.0/9

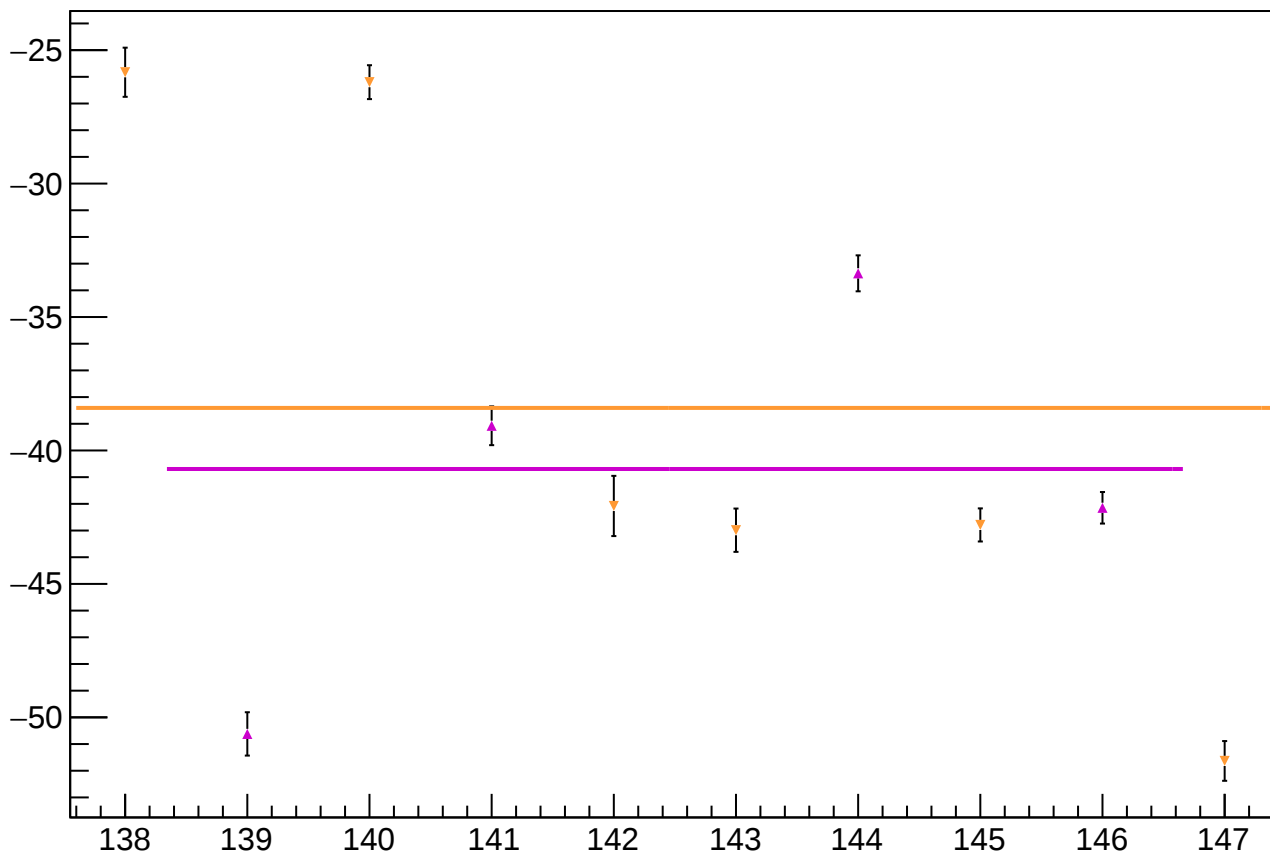
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.016+/-0.248 χ^2/NDF :1018.7/3

Out: -2.878+/-0.210 χ^2/NDF :1188.0/5

All: -3.354+/-0.160 χ^2/NDF : 2219.0/9

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -38.406+/-0.311 χ^2/NDF :964.3/5

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

Left In: -40.694+/-0.343 χ^2/NDF :278.7/3

Left: -39.435+/-0.230 χ^2/NDF : 1267.4/9

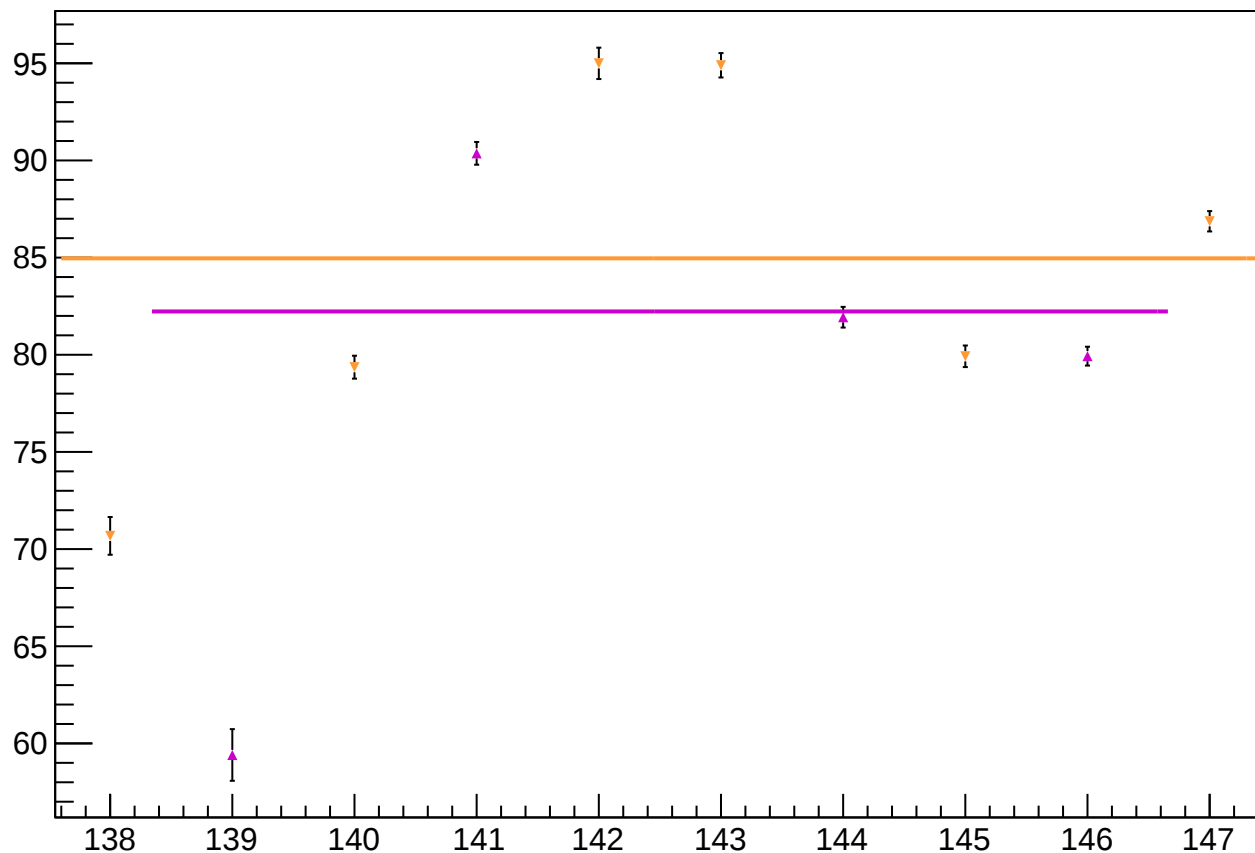
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.694+/-0.343 χ^2/NDF :278.7/3

Out: -38.406+/-0.311 χ^2/NDF :964.3/5

All: -39.435+/-0.230 χ^2/NDF : 1267.4/9

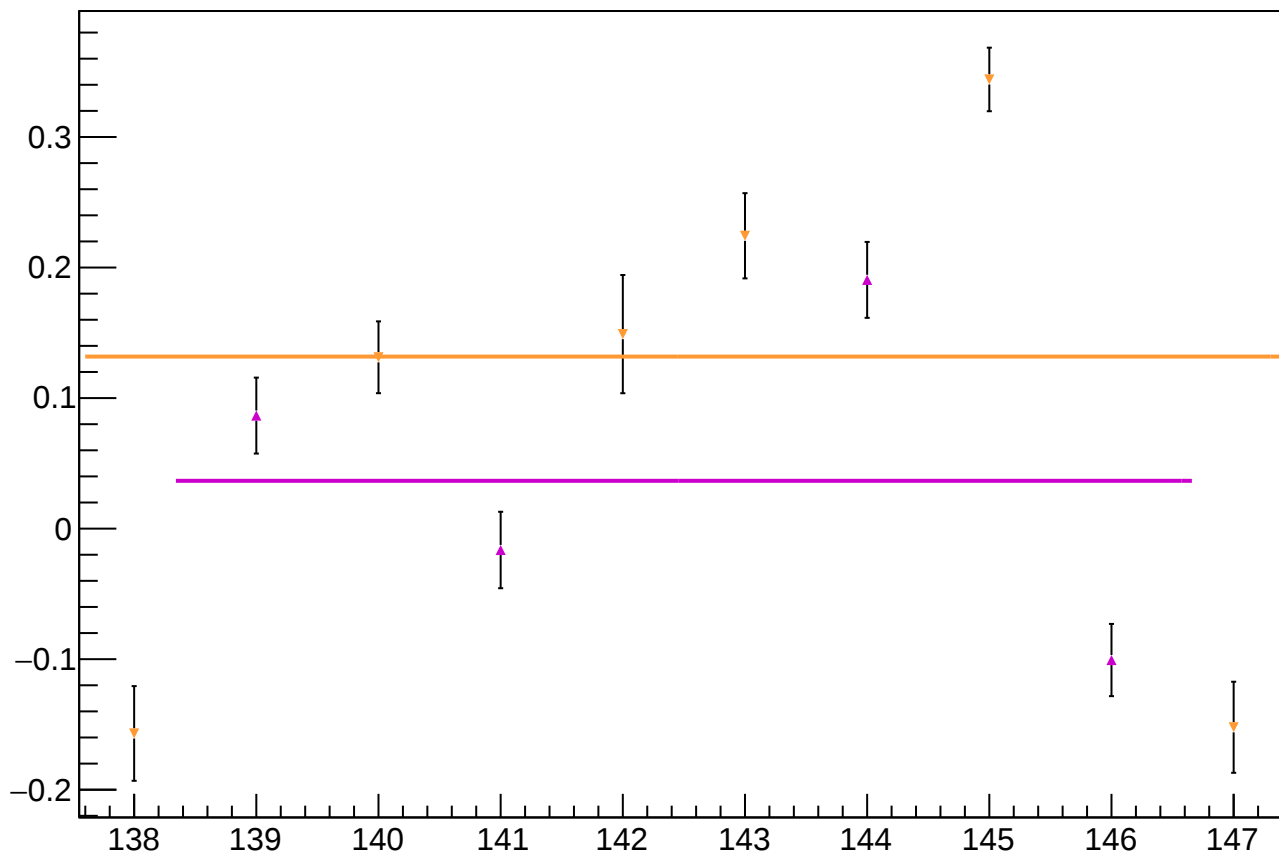
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.963+/-0.259 χ^2/NDF : 807.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 82.229+/-0.298 χ^2/NDF : 510.5/3

Left: 83.786+/-0.195 χ^2/NDF : 1365.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 82.229+/-0.298 χ^2/NDF : 510.5/3
 Out: 84.963+/-0.259 χ^2/NDF : 807.5/5
 All: 83.786+/-0.195 χ^2/NDF : 1365.9/9

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.132+/-0.013 χ^2/NDF :213.9/5

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

Left In: 0.037+/-0.014 χ^2/NDF :58.9/3

Left: 0.089+/-0.010 χ^2/NDF : 297.0/9

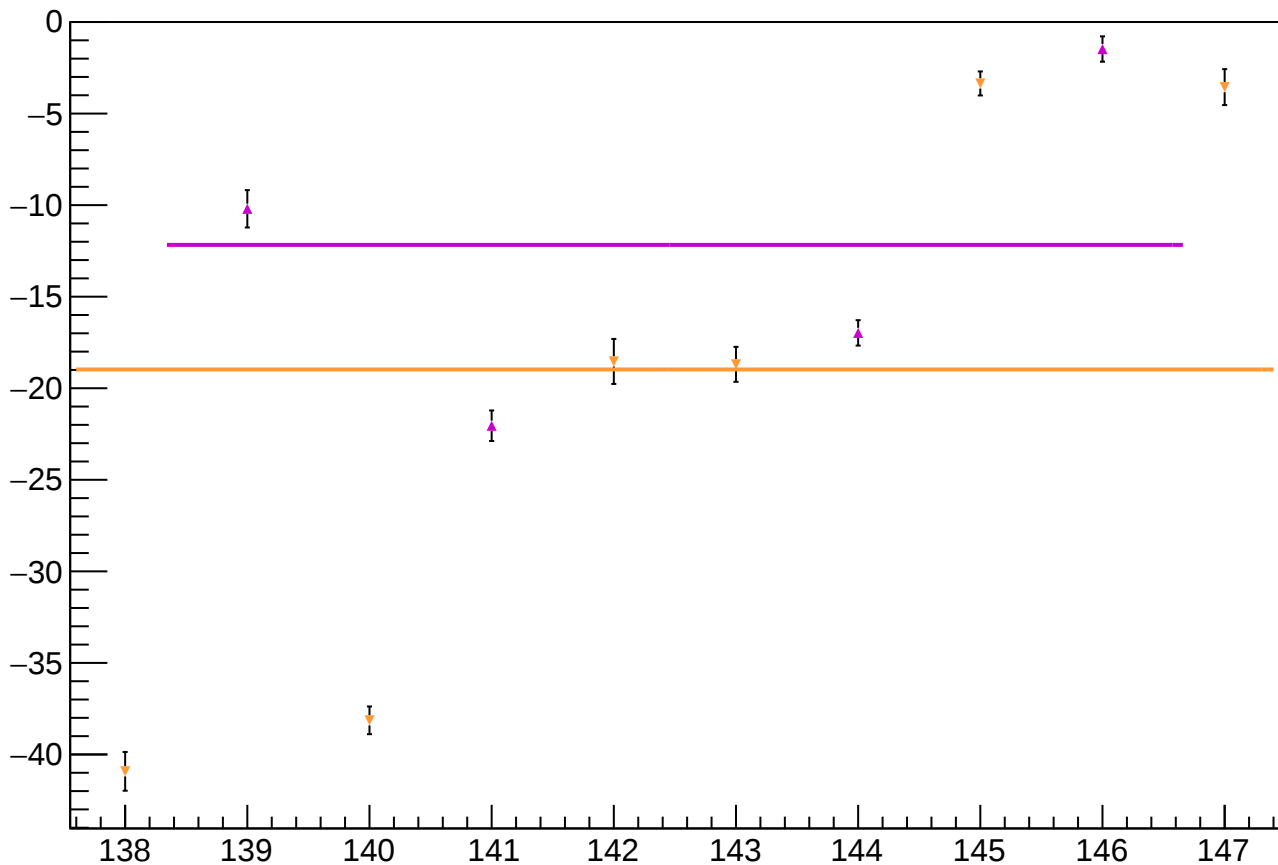
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.037+/-0.014 χ^2/NDF :58.9/3

Out: 0.132+/-0.013 χ^2/NDF :213.9/5

All: 0.089+/-0.010 χ^2/NDF : 297.0/9

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.976+/-0.359 χ^2/NDF :1886.6/5

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

Left In: -12.171+/-0.390 χ^2/NDF :430.9/3

Left: -15.858+/-0.264 χ^2/NDF : 2482.3/9

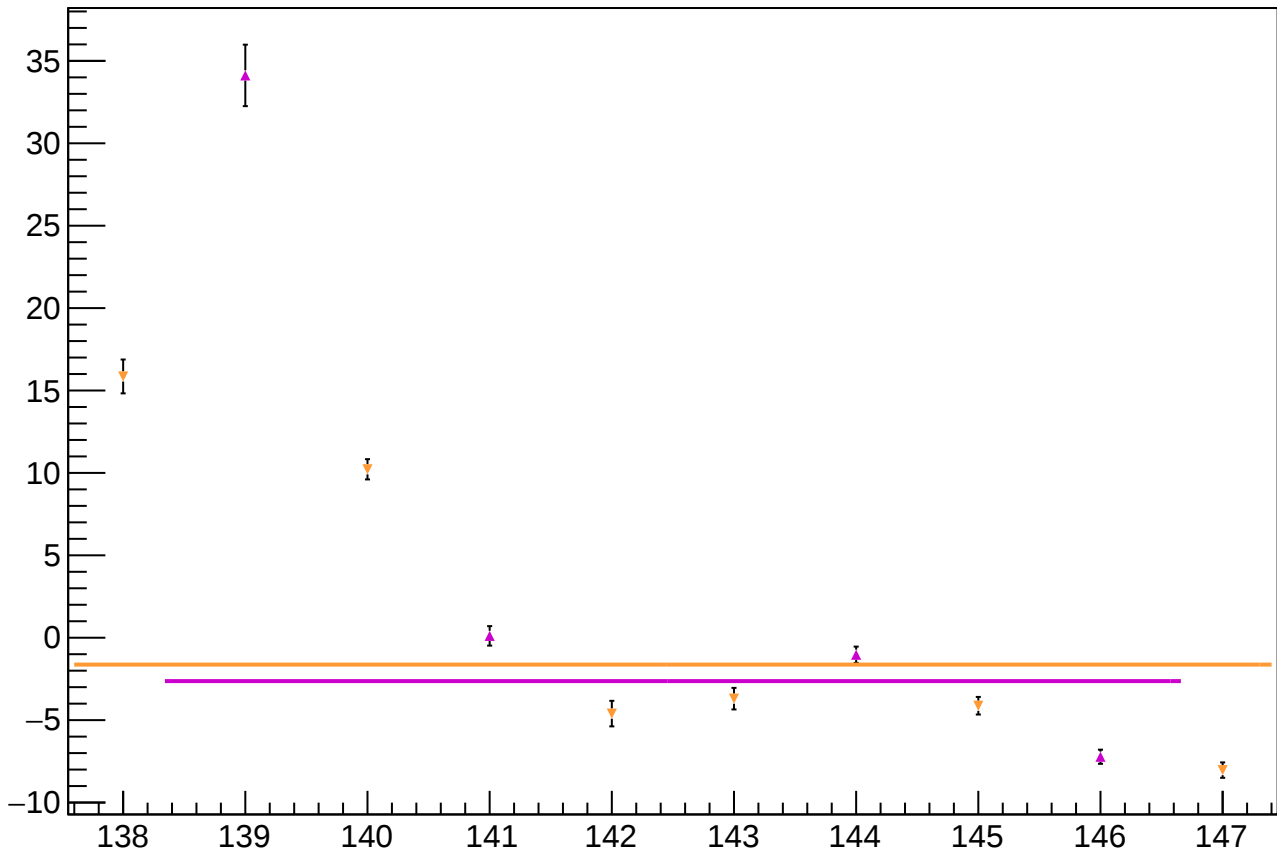
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.171+/-0.390 χ^2/NDF :430.9/3

Out: -18.976+/-0.359 χ^2/NDF :1886.6/5

All: -15.858+/-0.264 χ^2/NDF : 2482.3/9

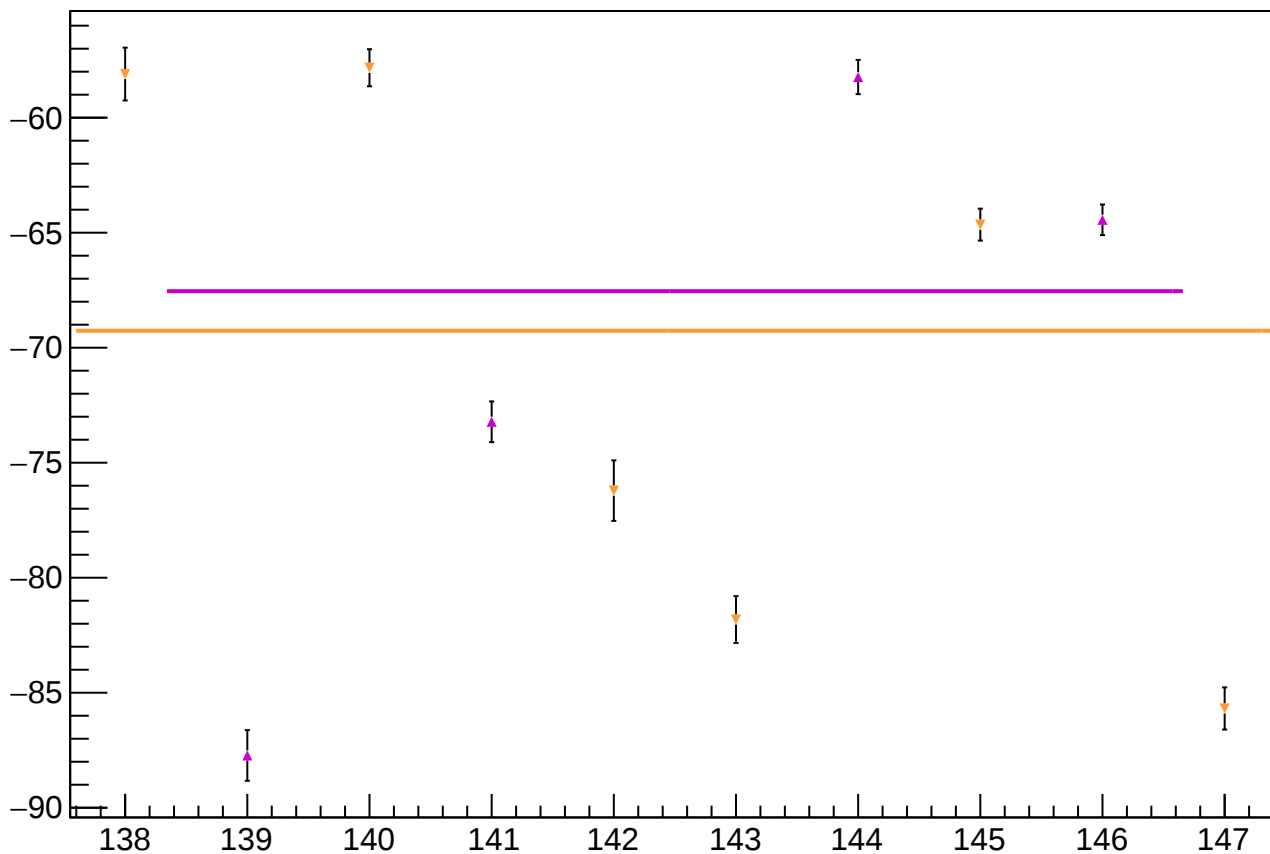
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.630+/-0.252 χ^2/NDF : 896.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.632+/-0.281 χ^2/NDF : 534.9/3

Left: -2.078+/-0.188 χ^2/NDF : 1438.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.632+/-0.281 χ^2/NDF : 534.9/3
 Out: -1.630+/-0.252 χ^2/NDF : 896.5/5
 All: -2.078+/-0.188 χ^2/NDF : 1438.5/9

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -69.262+/-0.375 χ^2/NDF :840.7/5

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

Left In: -67.541+/-0.403 χ^2/NDF :555.0/3

Left: -68.463+/-0.274 χ^2/NDF : 1405.5/9

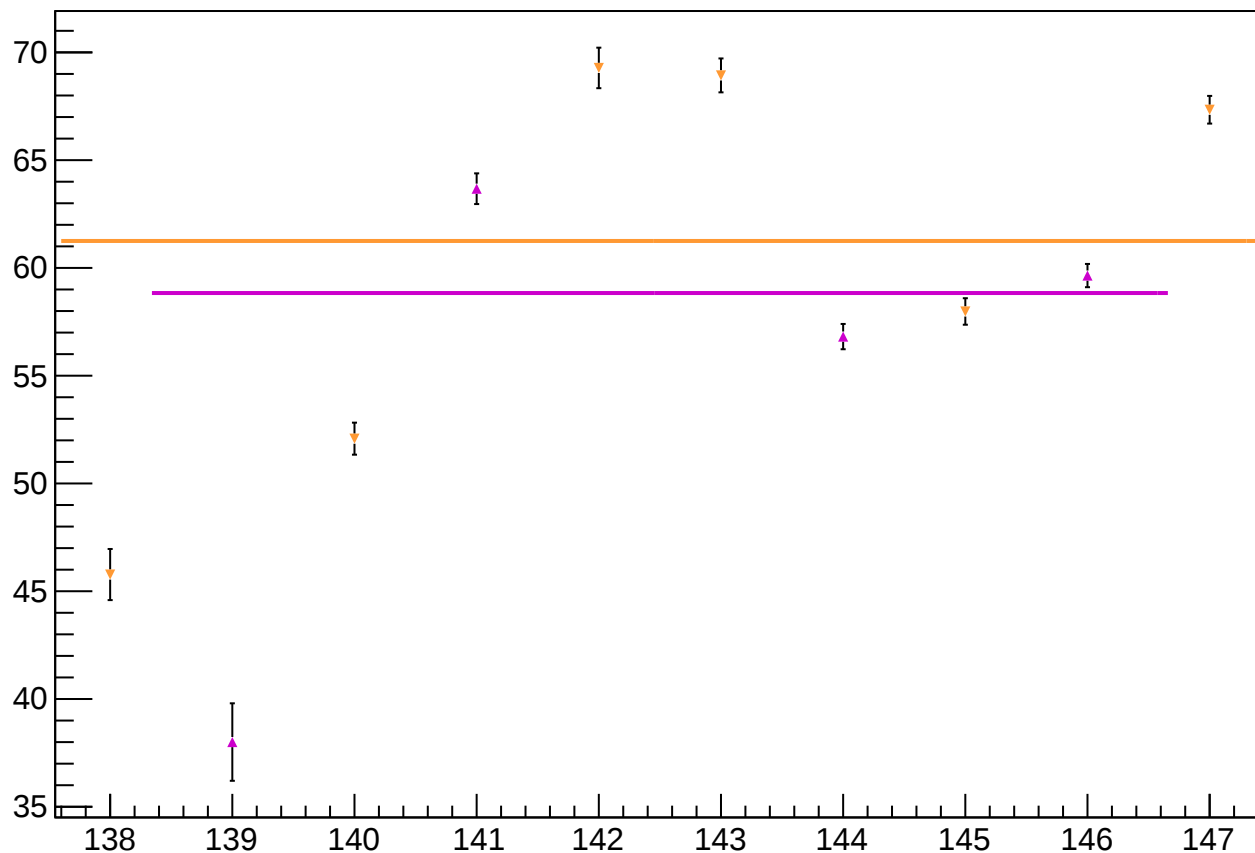
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.541+/-0.403 χ^2/NDF :555.0/3

Out: -69.262+/-0.375 χ^2/NDF :840.7/5

All: -68.463+/-0.274 χ^2/NDF : 1405.5/9

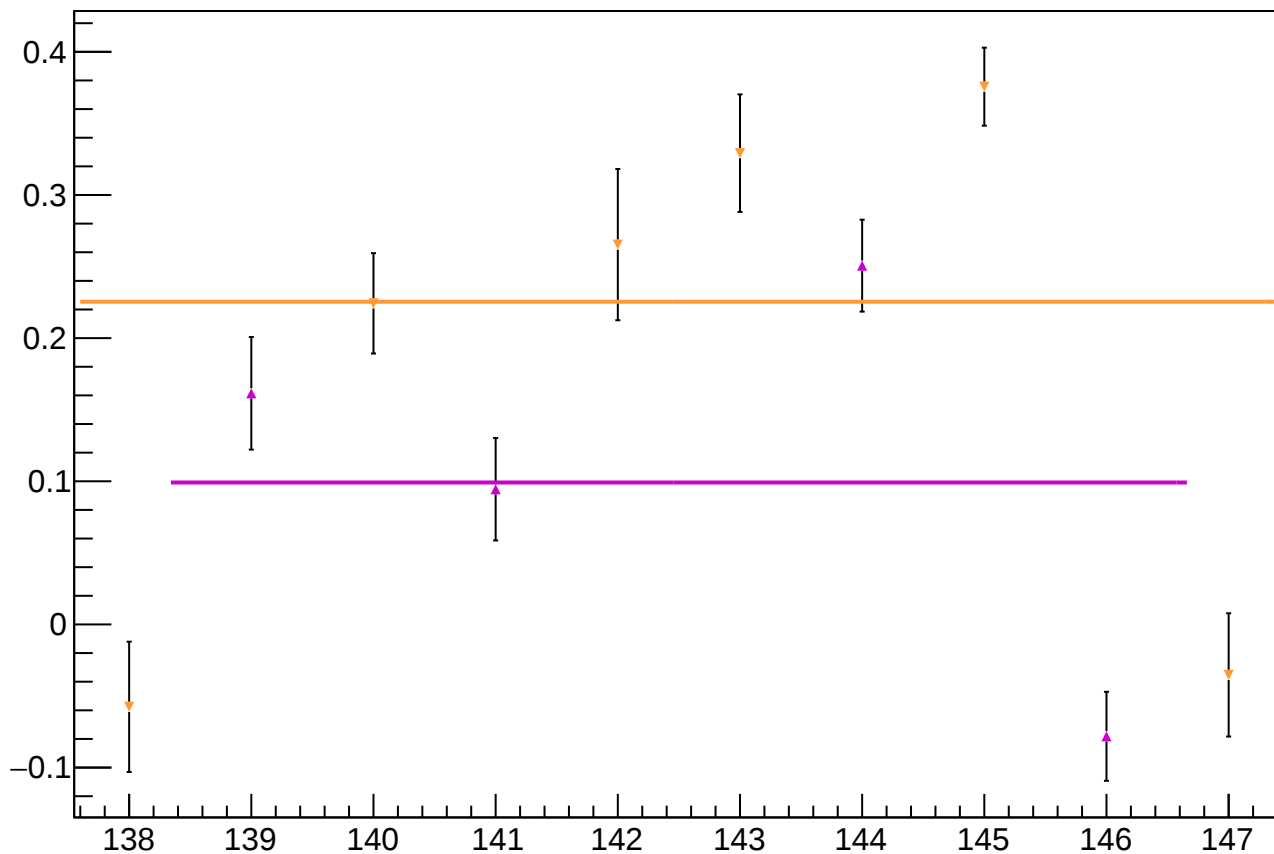
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.251+/-0.311 χ^2/NDF : 609.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 58.835+/-0.341 χ^2/NDF : 194.6/3

Left: 60.153+/-0.230 χ^2/NDF : 831.4/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.835+/-0.341 χ^2/NDF : 194.6/3
 Out: 61.251+/-0.311 χ^2/NDF : 609.3/5
 All: 60.153+/-0.230 χ^2/NDF : 831.4/9

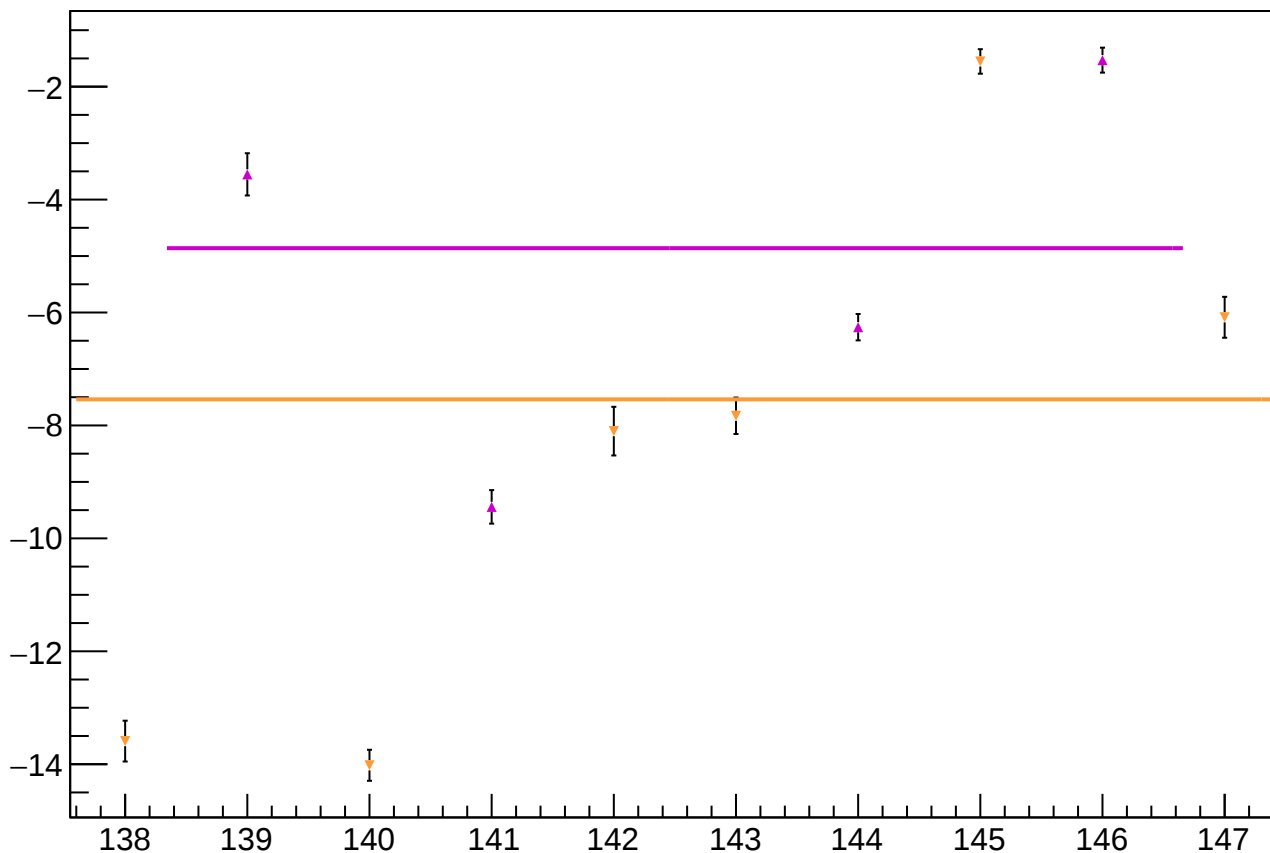
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.225 $\pm$ 0.016 χ^2 /NDF:112.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

Left: 0.168 $\pm$ 0.011 χ^2 /NDF: 199.9/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3
 Out: 0.225 $\pm$ 0.016 χ^2 /NDF:112.7/5
 All: 0.168 $\pm$ 0.011 χ^2 /NDF: 199.9/9

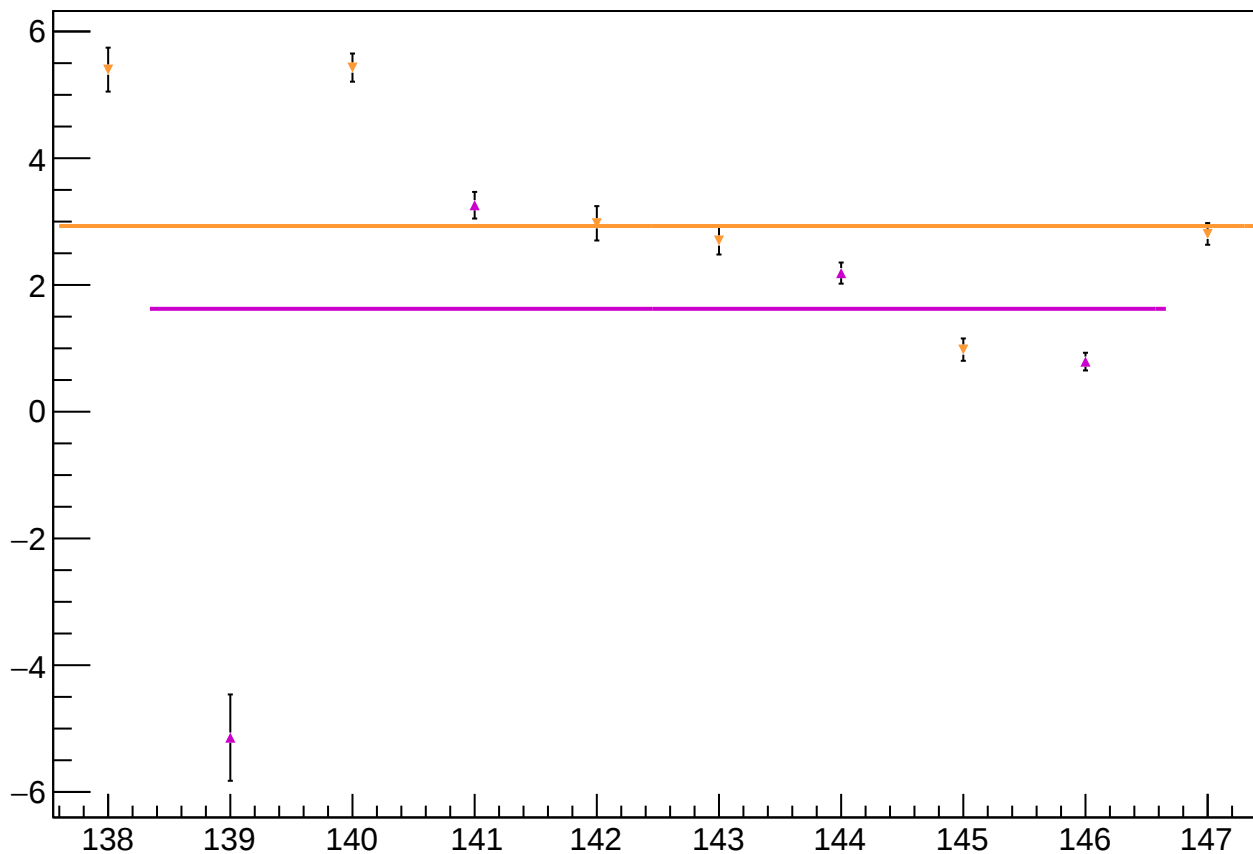
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.538+/-0.124 χ^2/NDF :1616.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.860+/-0.132 χ^2/NDF :513.5/3

Left: -6.281+/-0.091 χ^2/NDF : 2347.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.860+/-0.132 χ^2/NDF :513.5/3
 Out: -7.538+/-0.124 χ^2/NDF :1616.3/5
 All: -6.281+/-0.091 χ^2/NDF : 2347.7/9

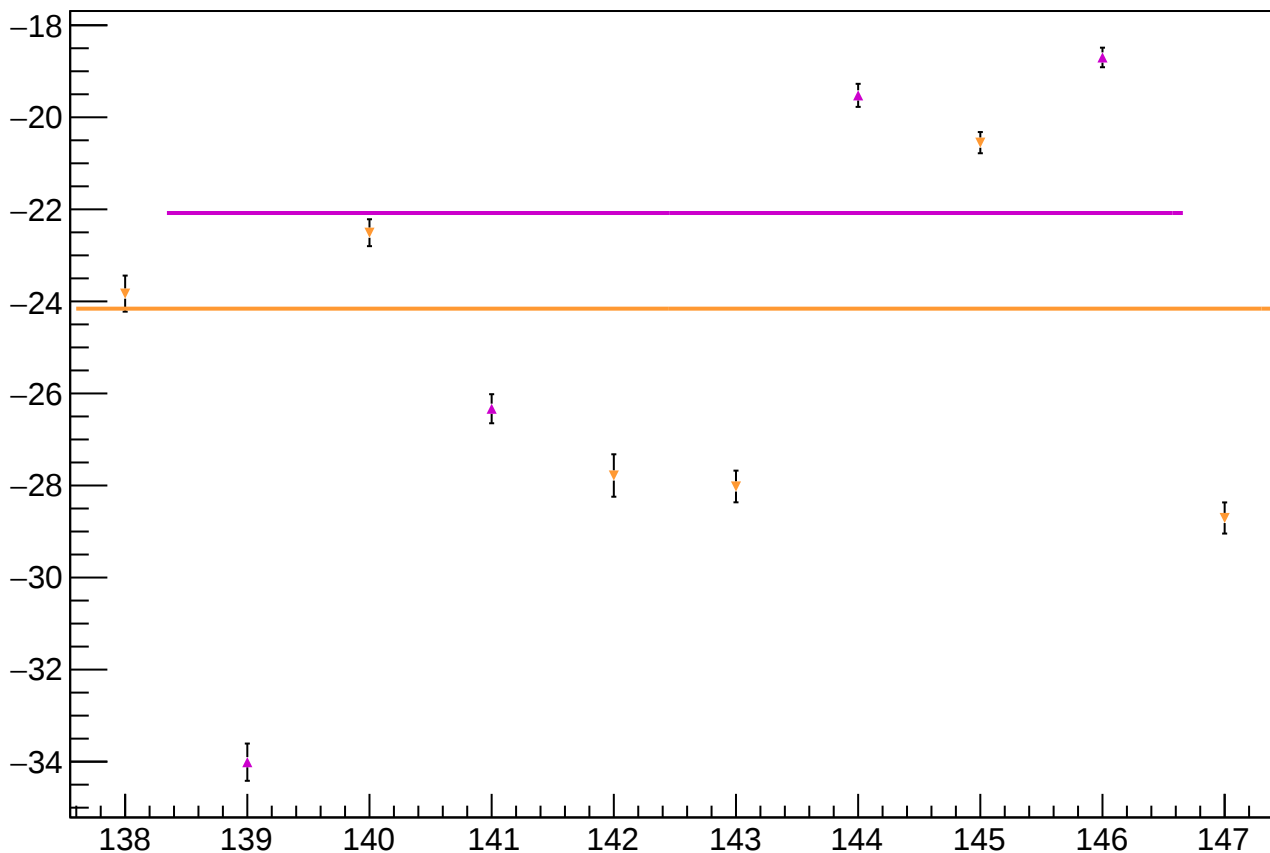
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.930+/-0.088 χ^2/NDF :301.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.624+/-0.094 χ^2/NDF :206.2/3

Left: 2.323+/-0.064 χ^2/NDF : 609.8/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.624+/-0.094 χ^2/NDF :206.2/3
 Out: 2.930+/-0.088 χ^2/NDF :301.2/5
 All: 2.323+/-0.064 χ^2/NDF : 609.8/9

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -24.158+/-0.130 χ^2 /NDF:646.2/5

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

Left In: -22.079+/-0.136 χ^2 /NDF:1408.3/3

Left: -23.162+/-0.094 χ^2 /NDF: 2176.5/9

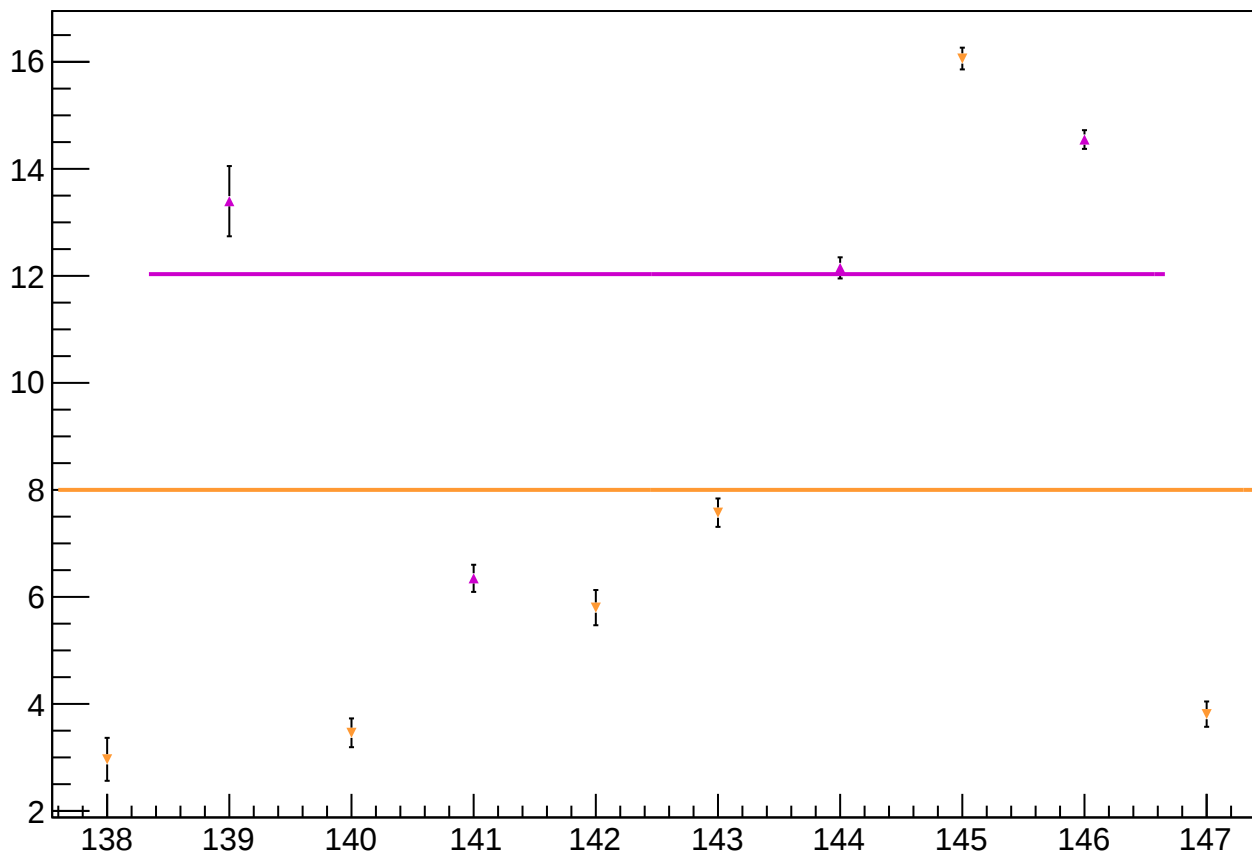
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -22.079+/-0.136 χ^2 /NDF:1408.3/3

Out: -24.158+/-0.130 χ^2 /NDF:646.2/5

All: -23.162+/-0.094 χ^2 /NDF: 2176.5/9

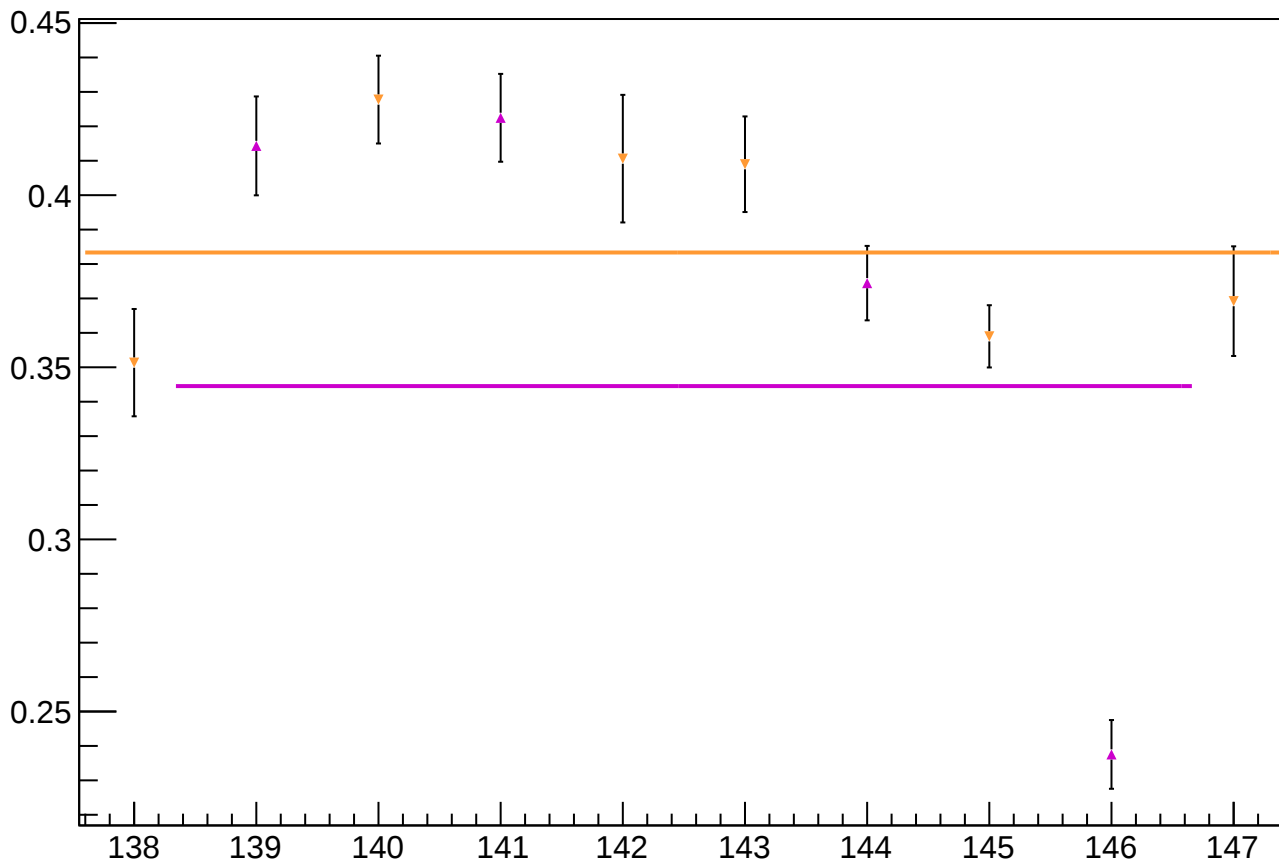
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.033+/-0.115 χ^2/NDF :714.1/3

Left: 9.900+/-0.079 χ^2/NDF : 3746.2/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.033+/-0.115 χ^2/NDF :714.1/3
 Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 All: 9.900+/-0.079 χ^2/NDF : 3746.2/9

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.383+/-0.005 χ^2/NDF :30.0/5

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

Left In: 0.345+/-0.006 χ^2/NDF :183.3/3

Left: 0.365+/-0.004 χ^2/NDF : 237.3/9

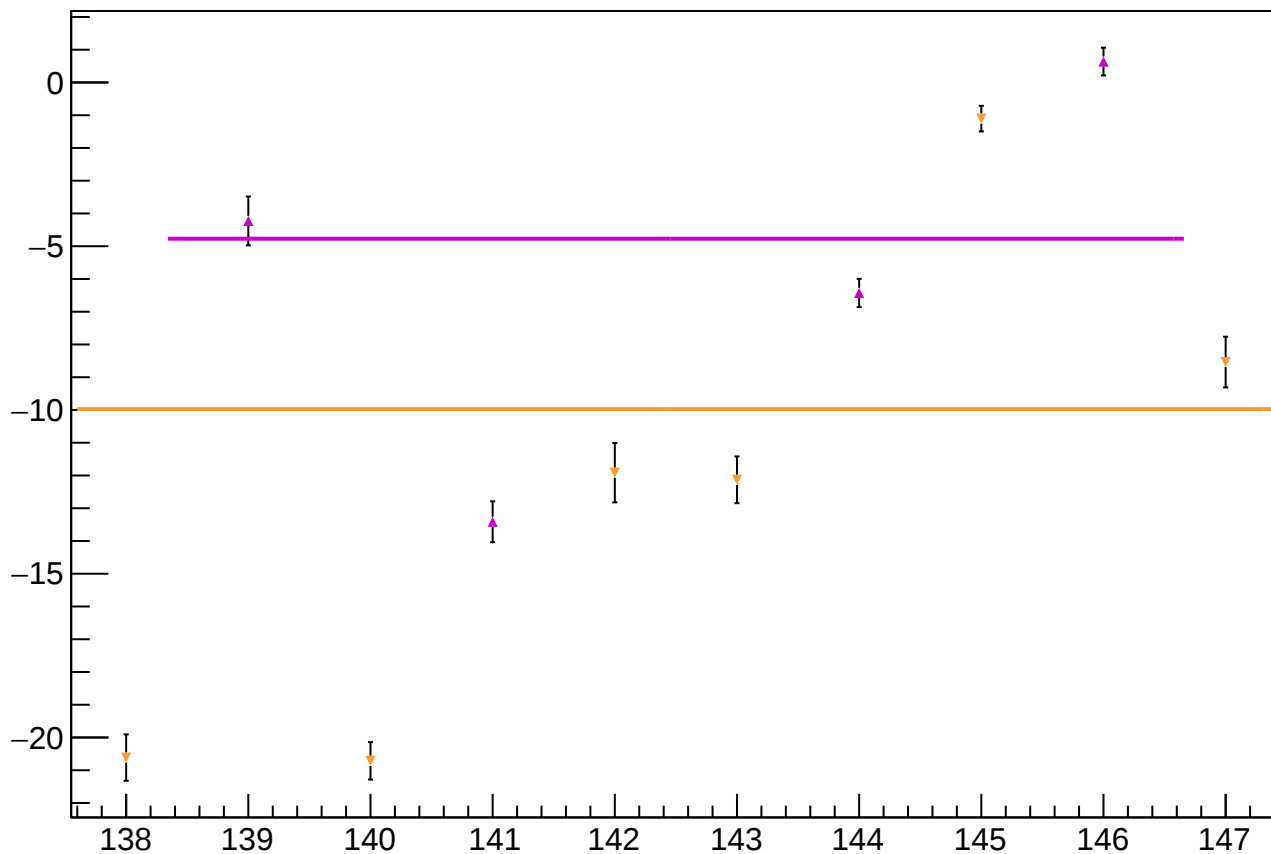
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.345+/-0.006 χ^2/NDF :183.3/3

Out: 0.383+/-0.005 χ^2/NDF :30.0/5

All: 0.365+/-0.004 χ^2/NDF : 237.3/9

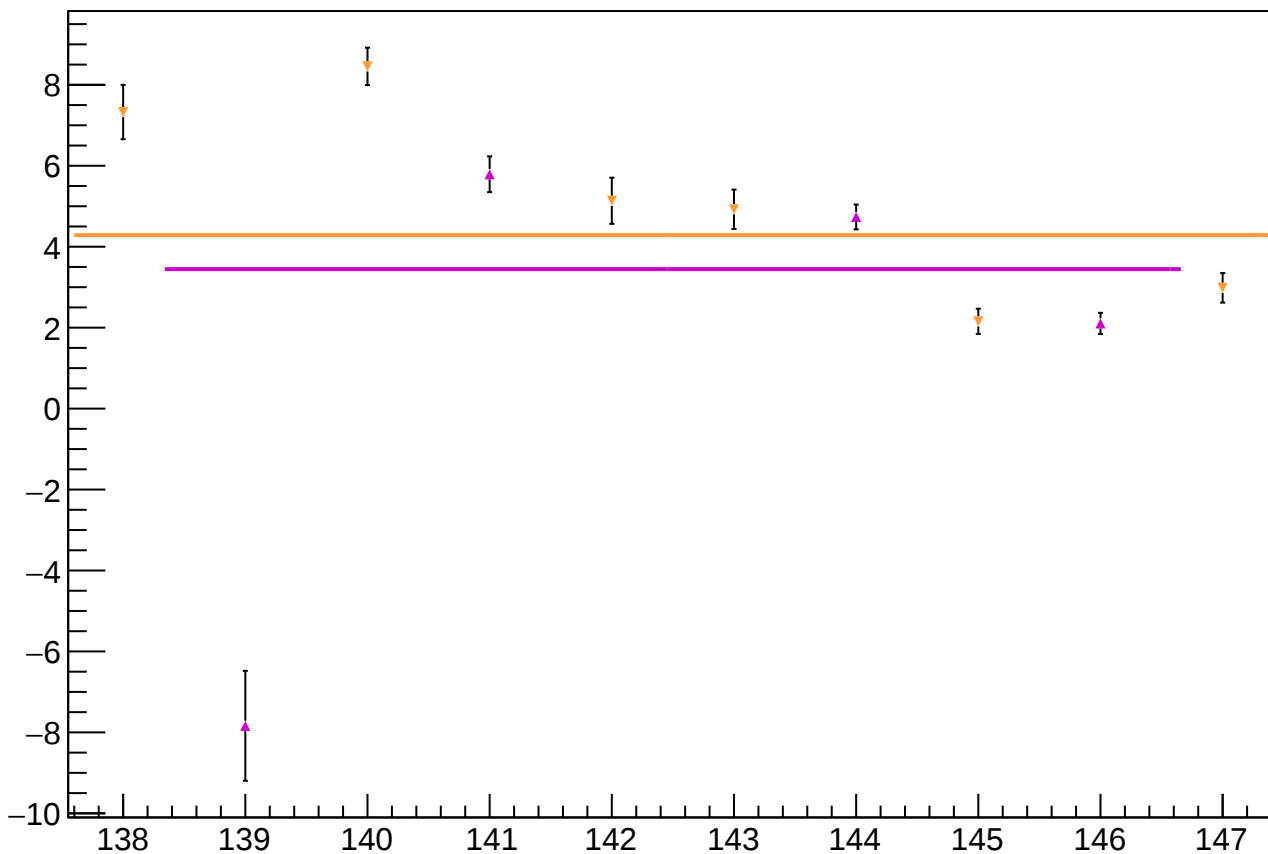
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.972 $\pm$ 0.246 χ^2 /NDF:1112.8/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.770 $\pm$ 0.256 χ^2 /NDF:369.0/3

Left: -7.468 $\pm$ 0.177 χ^2 /NDF: 1696.5/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.770 $\pm$ 0.256 χ^2 /NDF:369.0/3
 Out: -9.972 $\pm$ 0.246 χ^2 /NDF:1112.8/5
 All: -7.468 $\pm$ 0.177 χ^2 /NDF: 1696.5/9

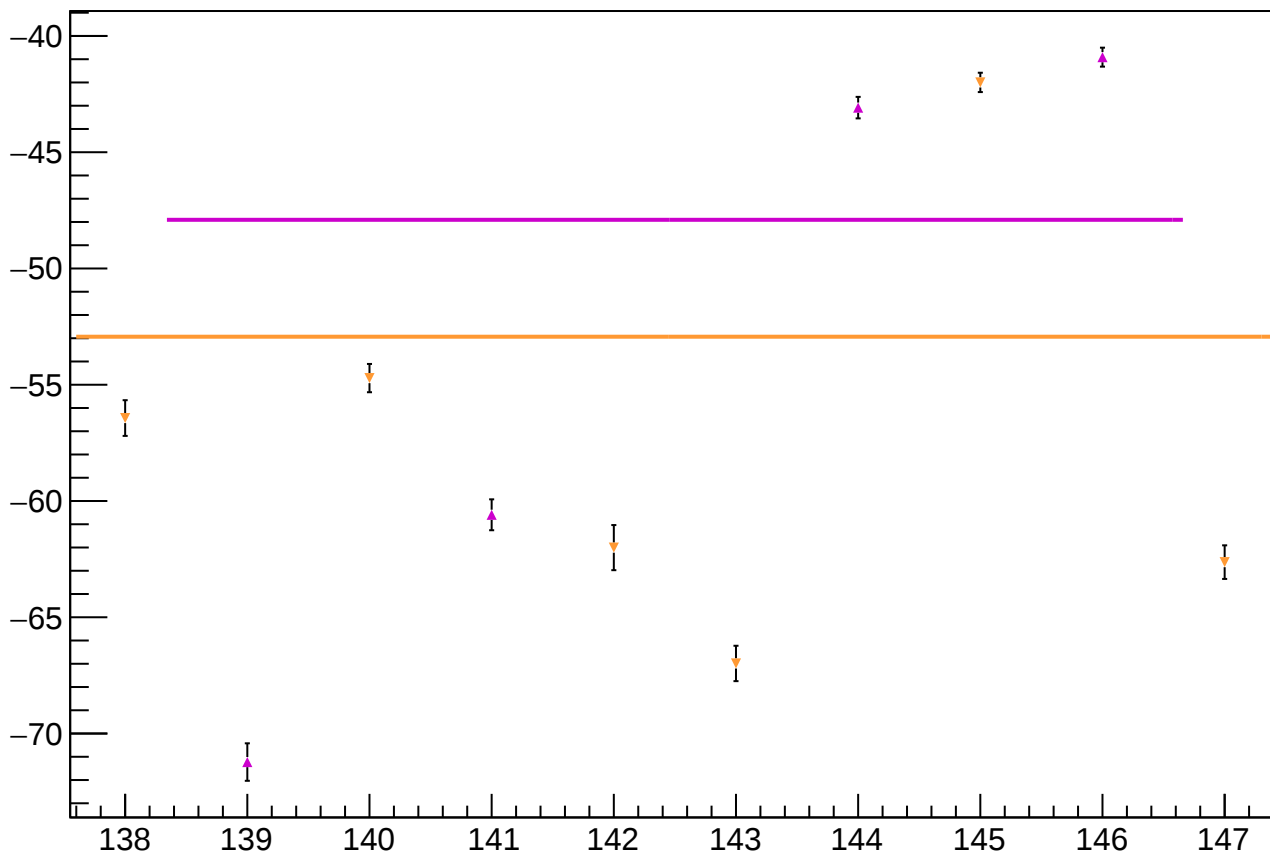
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.446+/-0.180 χ^2/NDF :140.9/3

Left: 3.873+/-0.126 χ^2/NDF : 316.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.446+/-0.180 χ^2/NDF :140.9/3
 Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 All: 3.873+/-0.126 χ^2/NDF : 316.9/9

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -52.934+/-0.259 χ^2/NDF :1329.5/5

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

Left In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Left: -50.454+/-0.185 χ^2/NDF : 3119.7/9

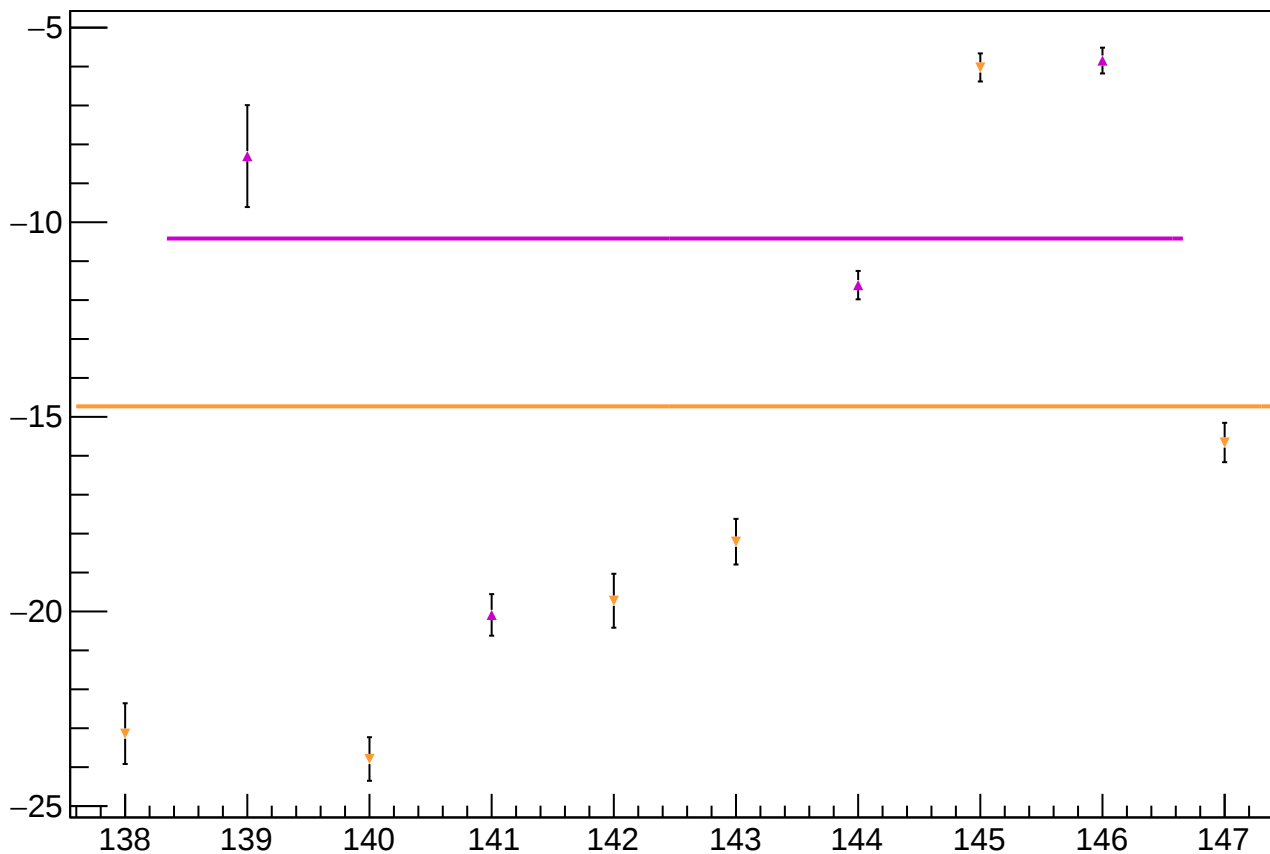
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Out: -52.934+/-0.259 χ^2/NDF :1329.5/5

All: -50.454+/-0.185 χ^2/NDF : 3119.7/9

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -14.730+/-0.216 χ^2/NDF :1050.7/5

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

Left In: -10.418+/-0.220 χ^2/NDF :532.1/3

Left: -12.609+/-0.154 χ^2/NDF : 1778.7/9

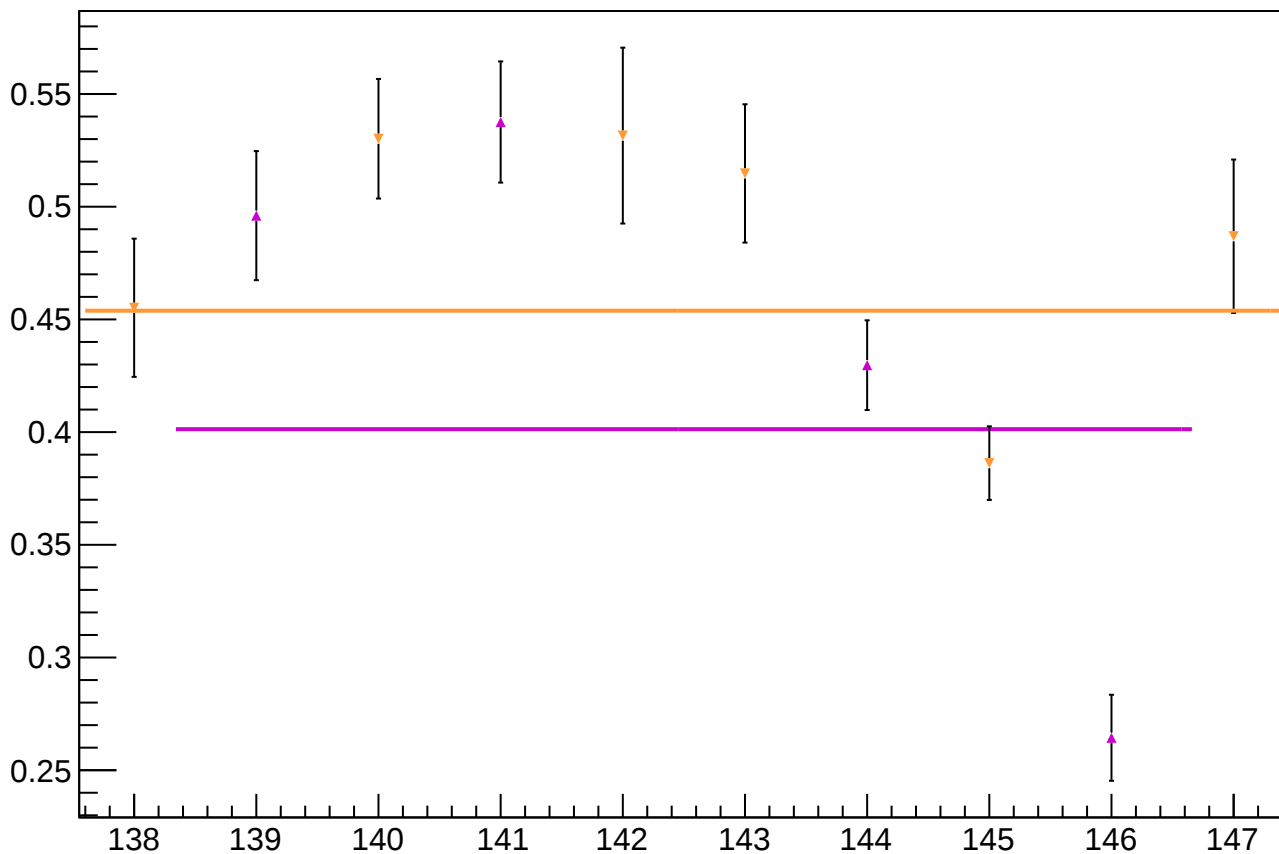
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.418+/-0.220 χ^2/NDF :532.1/3

Out: -14.730+/-0.216 χ^2/NDF :1050.7/5

All: -12.609+/-0.154 χ^2/NDF : 1778.7/9

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.3/5

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

Left In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Left: 0.429 $\pm$ 0.008 χ^2 /NDF: 135.9/9

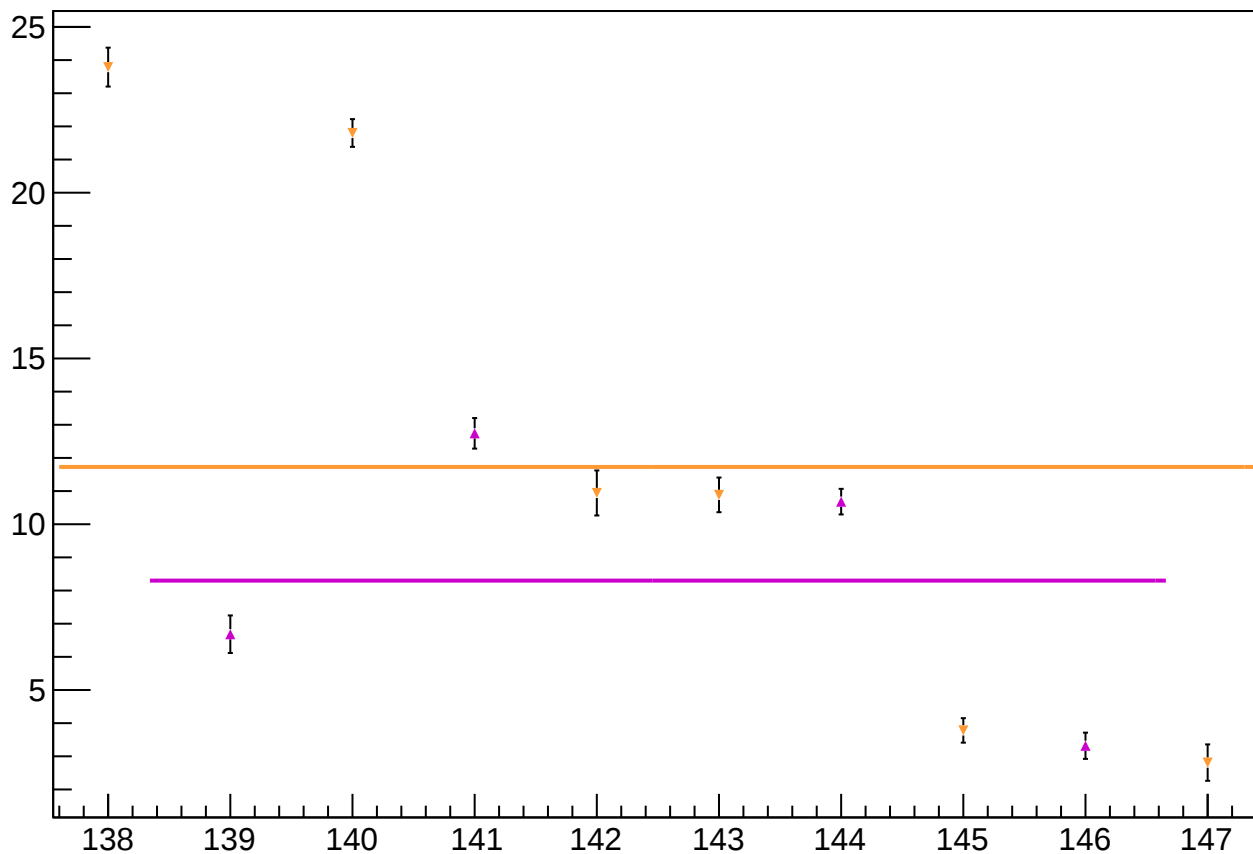
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Out: 0.454 $\pm$ 0.011 χ^2 /NDF:34.3/5

All: 0.429 $\pm$ 0.008 χ^2 /NDF: 135.9/9

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 11.728+/-0.200 χ^2/NDF :1732.9/5

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

Left In: 8.300+/-0.219 χ^2/NDF :297.5/3

Left: 10.170+/-0.147 χ^2/NDF : 2164.5/9

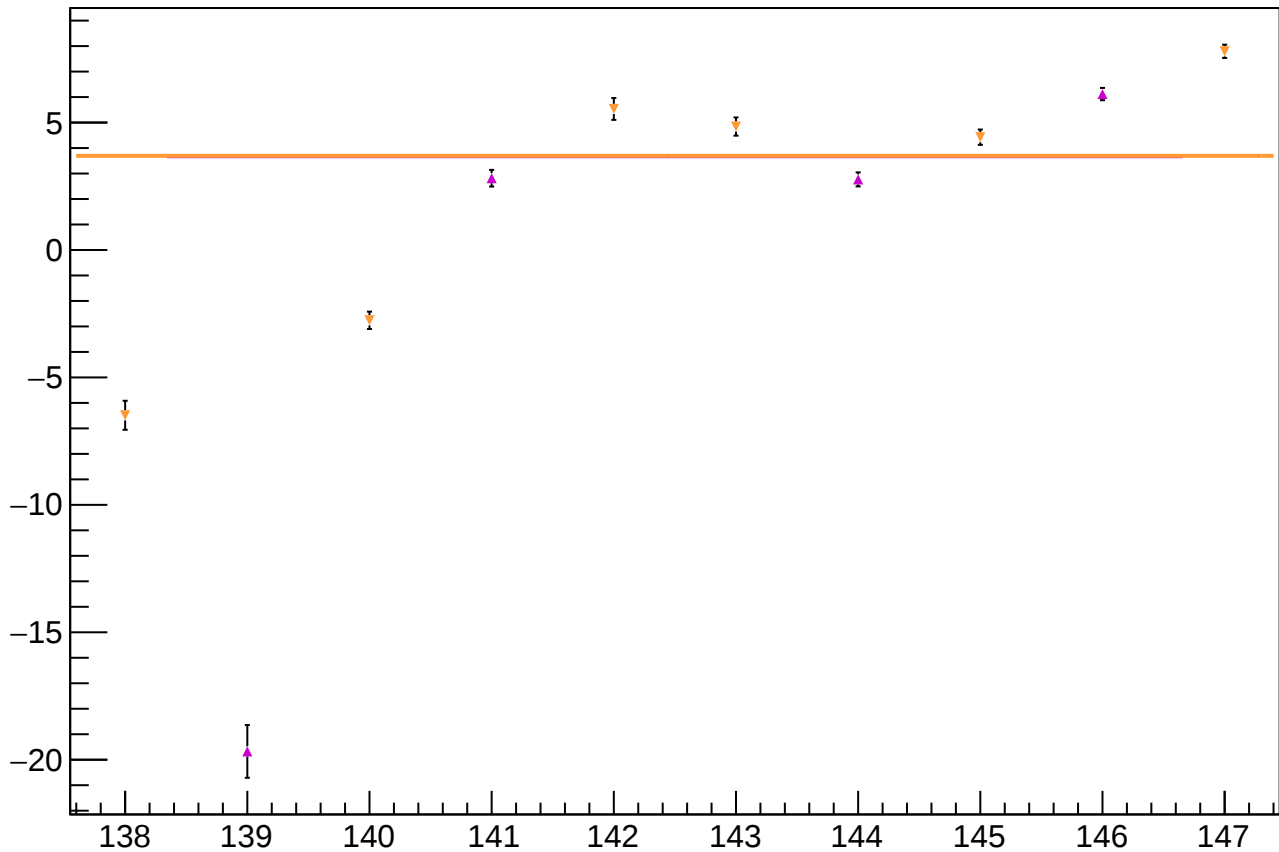
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.300+/-0.219 χ^2/NDF :297.5/3

Out: 11.728+/-0.200 χ^2/NDF :1732.9/5

All: 10.170+/-0.147 χ^2/NDF : 2164.5/9

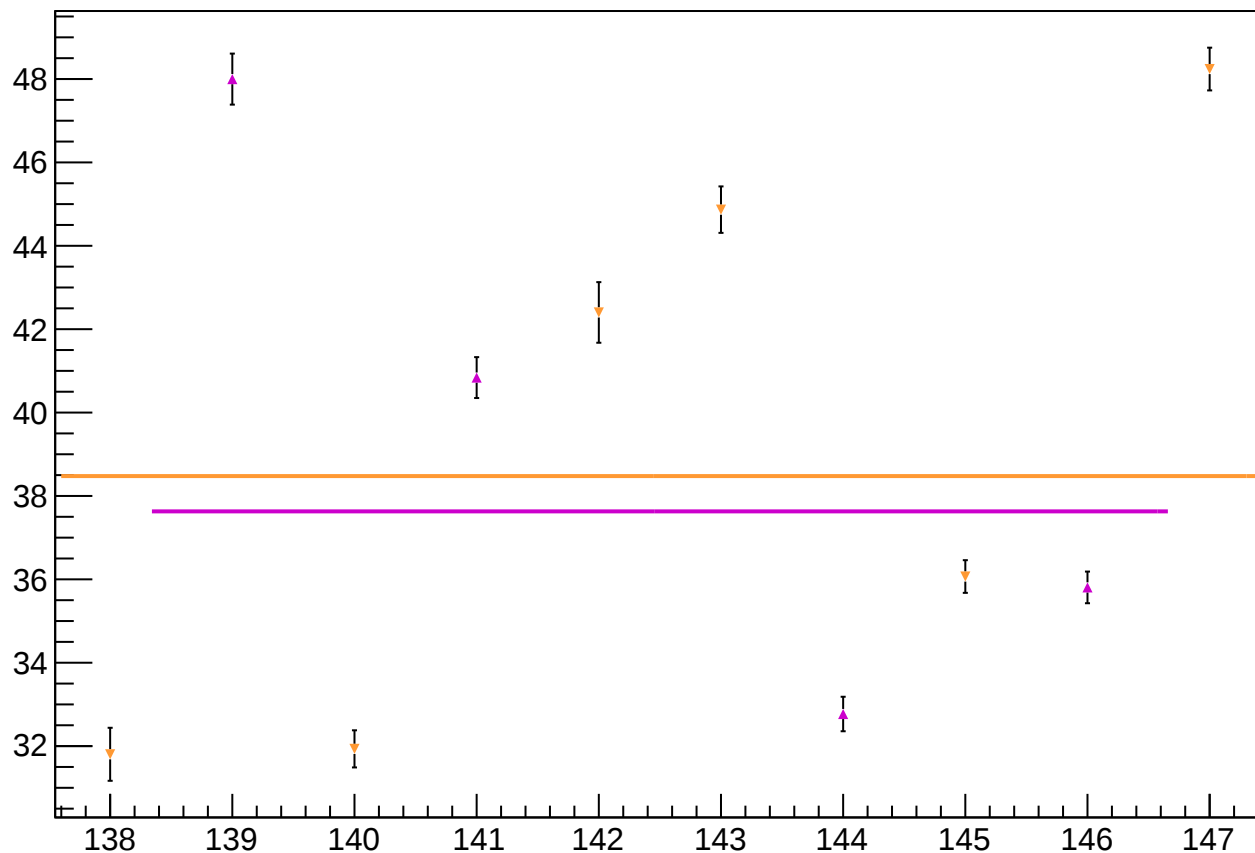
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.680+/-0.157 χ^2/NDF :628.9/3

Left: 3.688+/-0.105 χ^2/NDF : 1591.9/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.680+/-0.157 χ^2/NDF :628.9/3
 Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 All: 3.688+/-0.105 χ^2/NDF : 1591.9/9

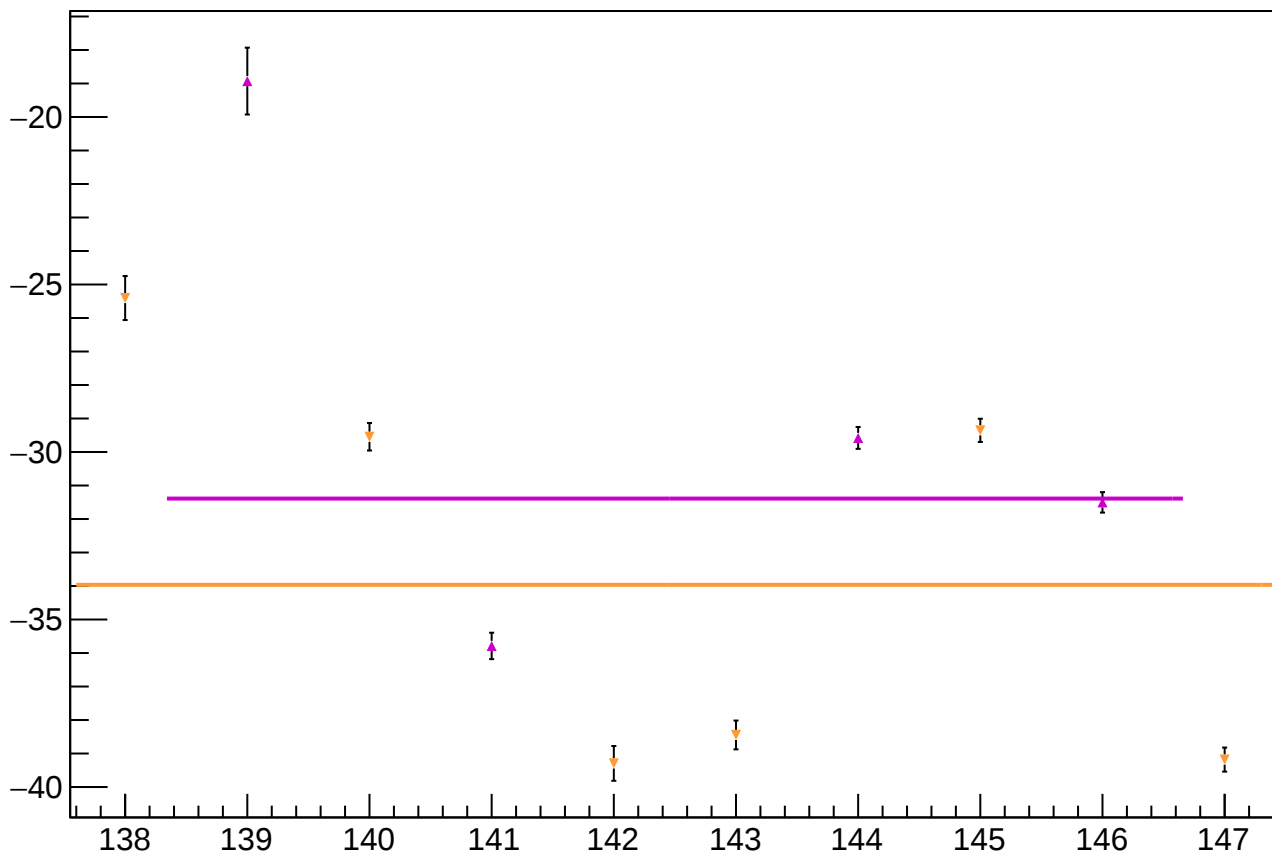
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 38.477+/-0.209 χ^2/NDF :887.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.630+/-0.226 χ^2/NDF :490.9/3

Left: 38.087+/-0.153 χ^2/NDF : 1385.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.630+/-0.226 χ^2/NDF :490.9/3
 Out: 38.477+/-0.209 χ^2/NDF :887.1/5
 All: 38.087+/-0.153 χ^2/NDF : 1385.6/9

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

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

Left In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Left: -32.801+/-0.128 χ^2/NDF : 1299.2/9

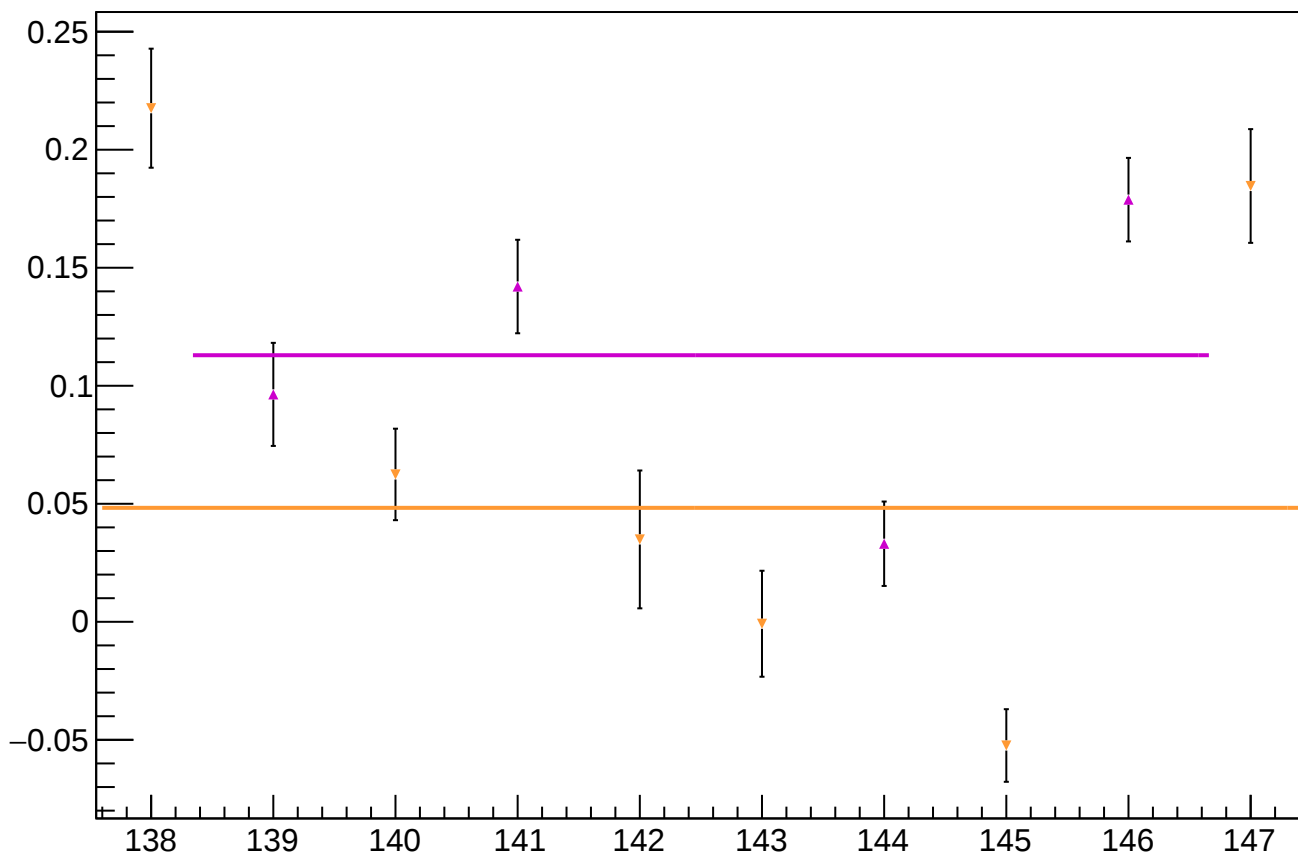
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

All: -32.801+/-0.128 χ^2/NDF : 1299.2/9

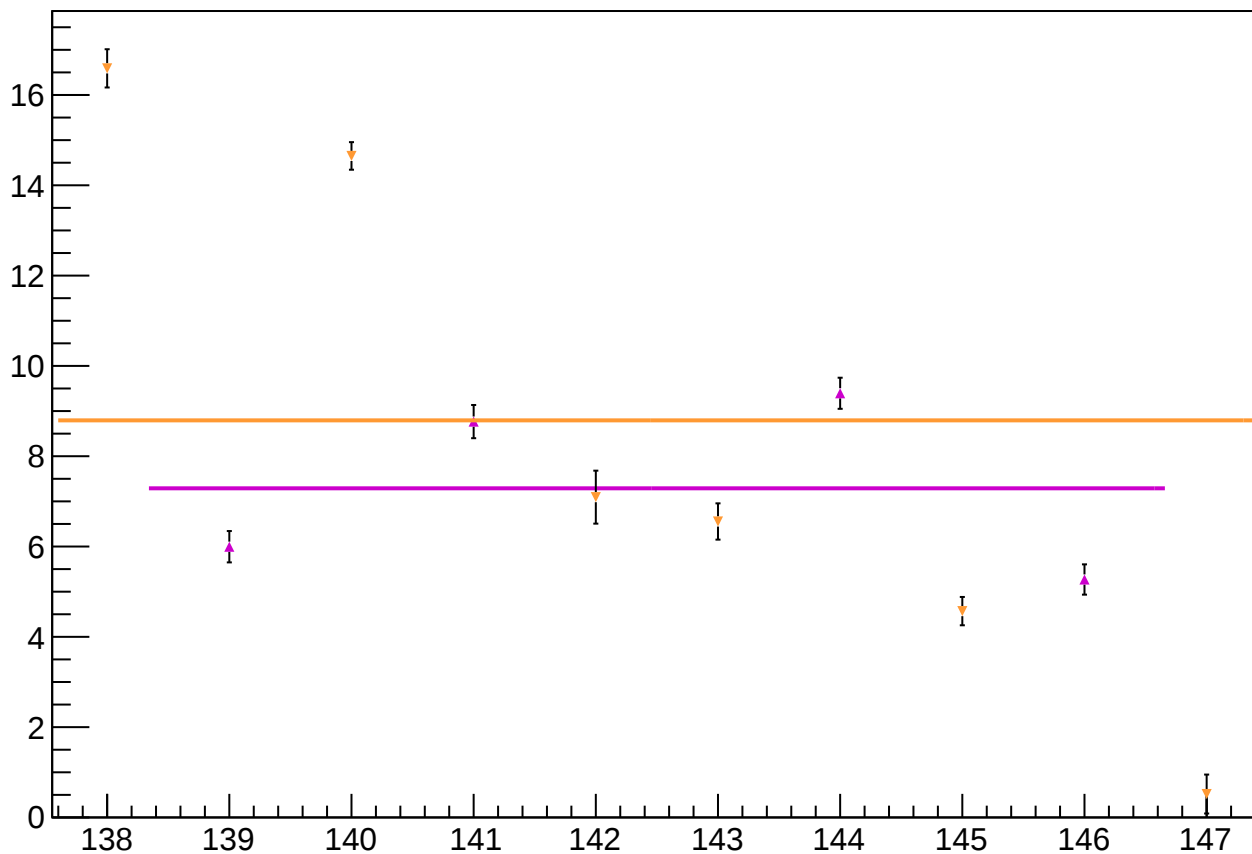
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Left: 0.077 $\pm$ 0.006 χ^2 /NDF: 187.2/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3
 Out: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5
 All: 0.077 $\pm$ 0.006 χ^2 /NDF: 187.2/9

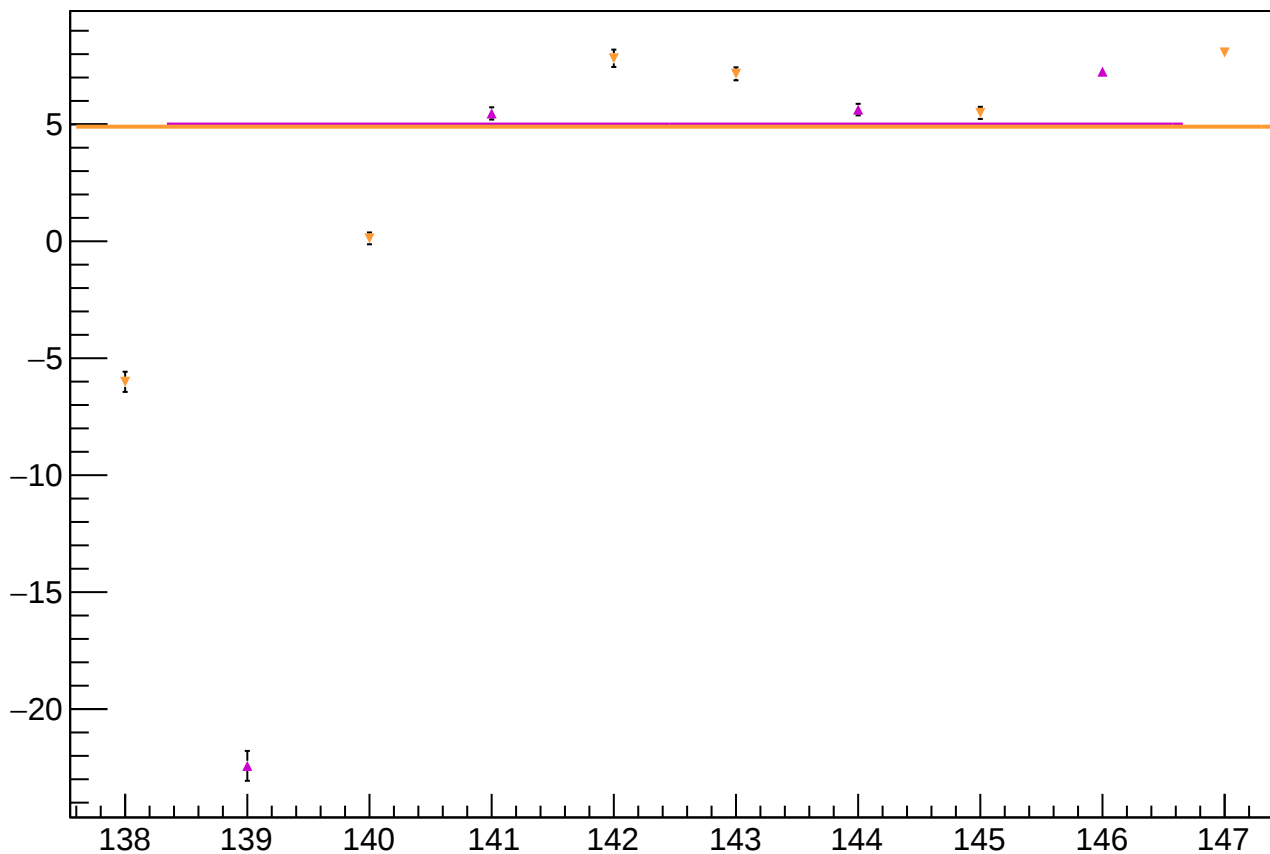
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.794+/-0.156 χ^2/NDF :1295.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.289+/-0.174 χ^2/NDF :103.6/3

Left: 8.122+/-0.116 χ^2/NDF : 1440.8/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.289+/-0.174 χ^2/NDF :103.6/3
 Out: 8.794+/-0.156 χ^2/NDF :1295.8/5
 All: 8.122+/-0.116 χ^2/NDF : 1440.8/9

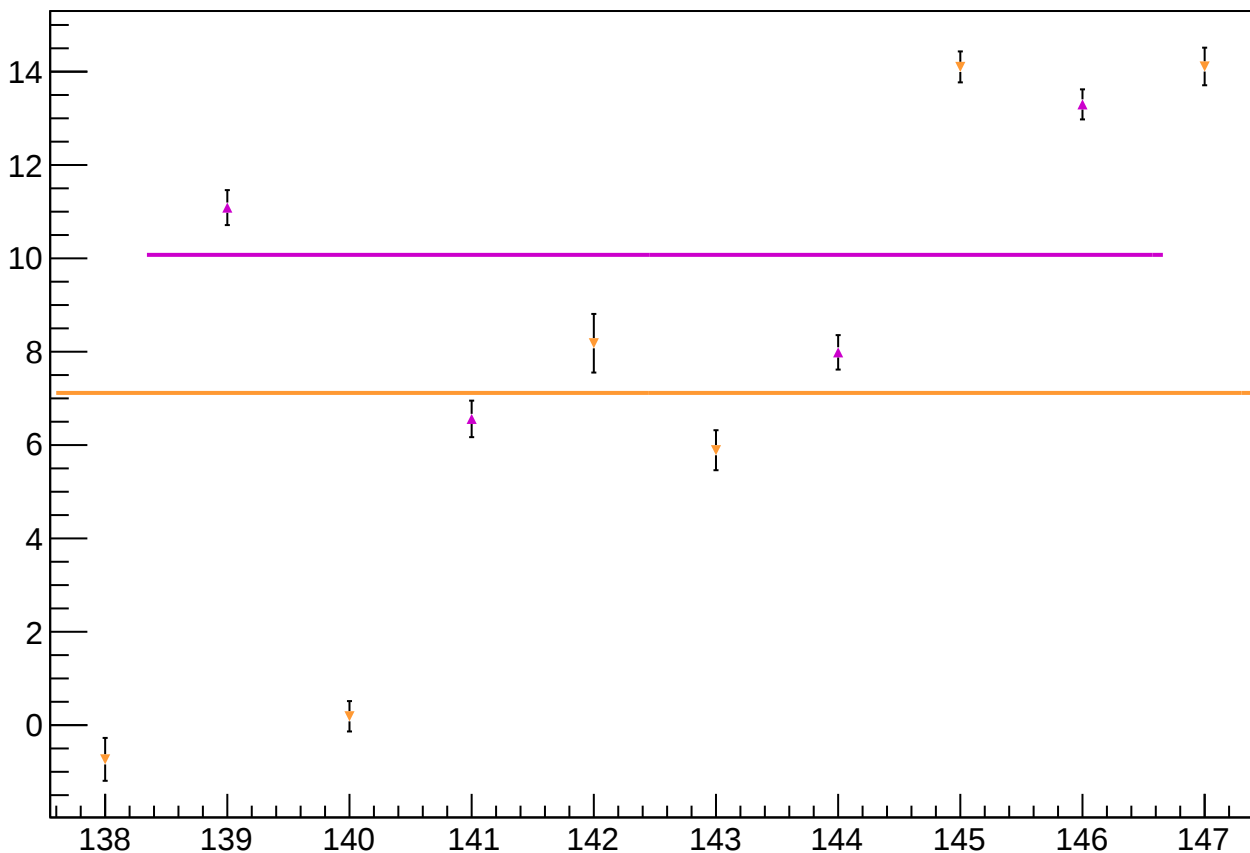
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.899+/-0.112 χ^2/NDF :1363.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.988+/-0.135 χ^2/NDF :1963.6/3

Left: 4.936+/-0.086 χ^2/NDF : 3327.8/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.988+/-0.135 χ^2/NDF :1963.6/3
 Out: 4.899+/-0.112 χ^2/NDF :1363.9/5
 All: 4.936+/-0.086 χ^2/NDF : 3327.8/9

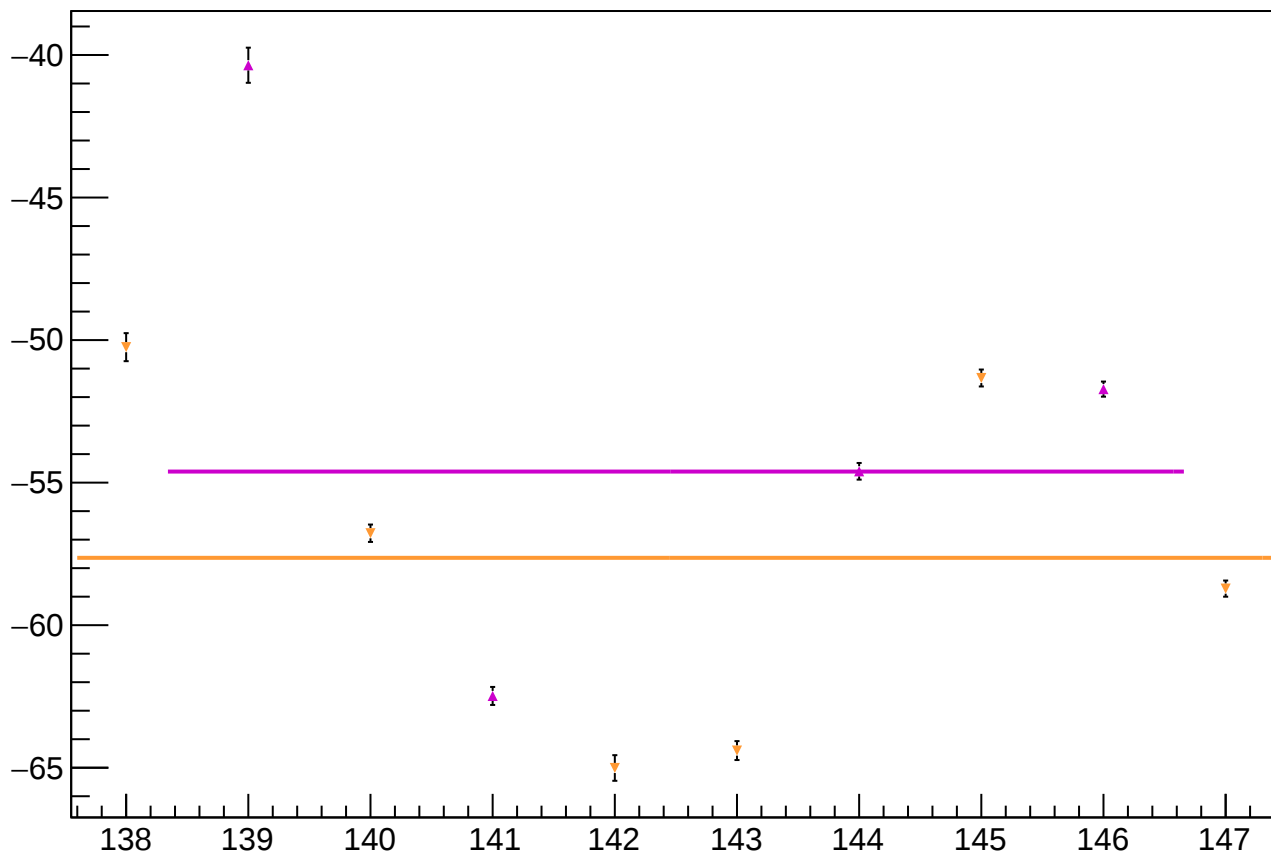
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.075+/-0.181 χ^2/NDF :220.3/3

Left: 8.449+/-0.121 χ^2/NDF : 1869.6/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.075+/-0.181 χ^2/NDF :220.3/3
 Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 All: 8.449+/-0.121 χ^2/NDF : 1869.6/9

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.637+/-0.138 χ^2/NDF :1382.6/5

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

Left In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Left: -56.358+/-0.105 χ^2/NDF : 2861.1/9

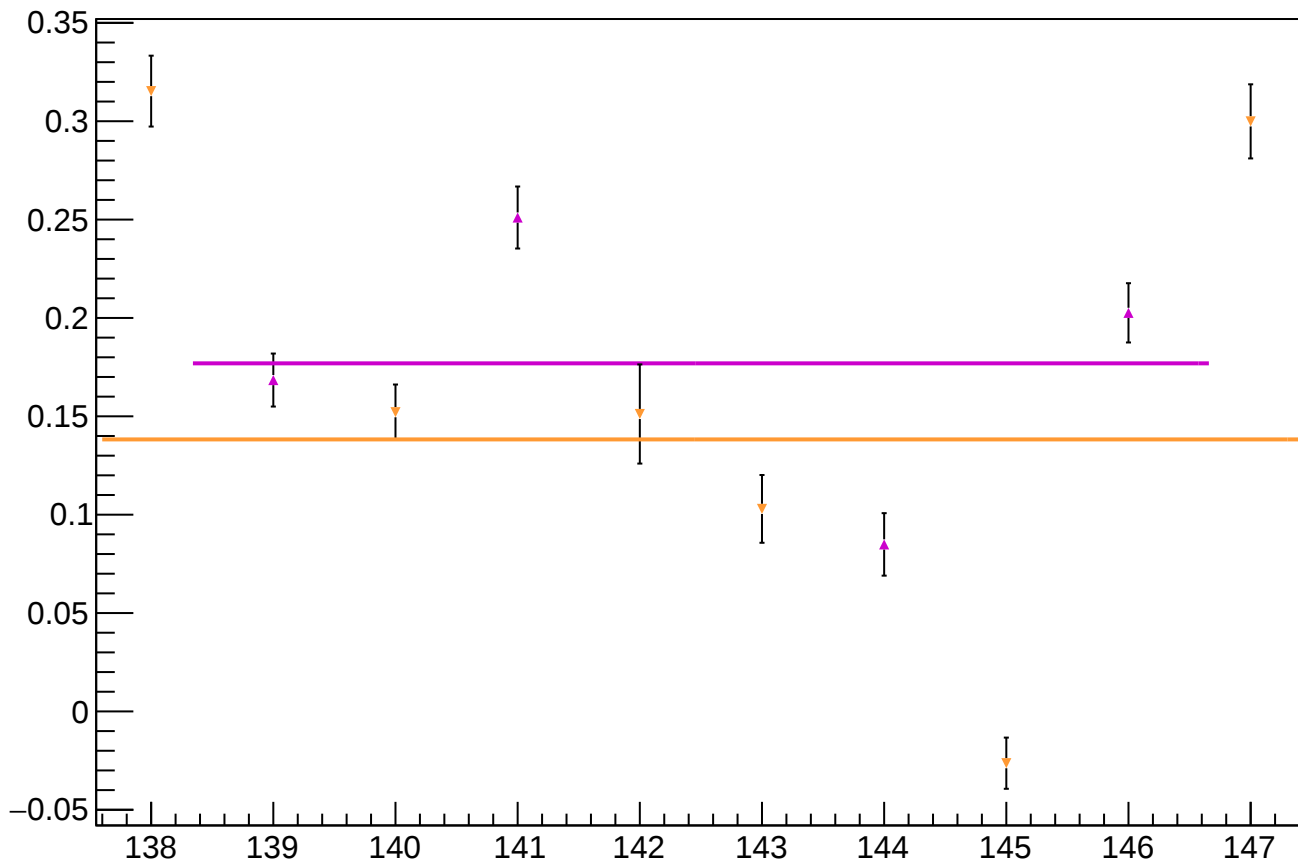
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Out: -57.637+/-0.138 χ^2/NDF :1382.6/5

All: -56.358+/-0.105 χ^2/NDF : 2861.1/9

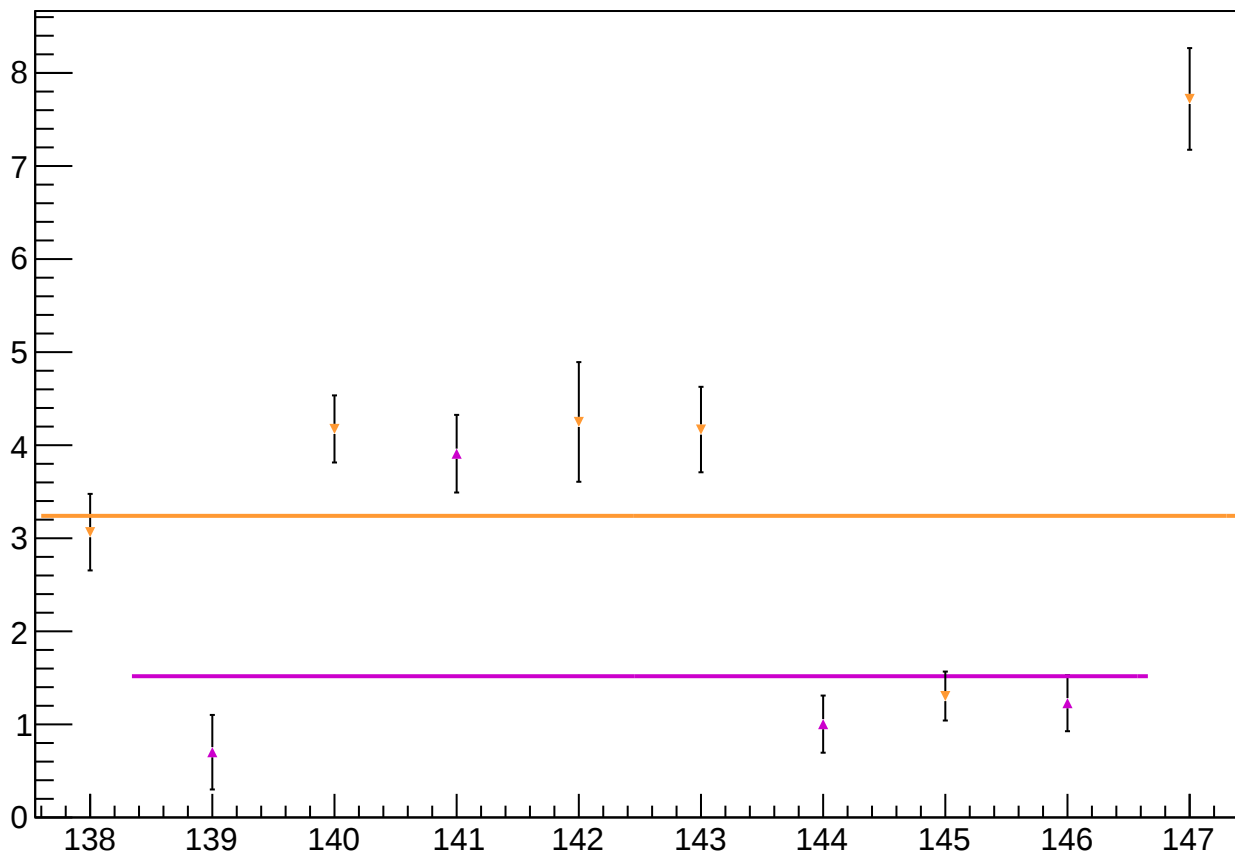
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.138+/-0.007 χ^2/NDF :335.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.177+/-0.007 χ^2/NDF :59.0/3

Left: 0.156+/-0.005 χ^2/NDF : 409.3/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.177+/-0.007 χ^2/NDF :59.0/3
 Out: 0.138+/-0.007 χ^2/NDF :335.7/5
 All: 0.156+/-0.005 χ^2/NDF : 409.3/9

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.241 $\pm$ 0.161 χ^2 /NDF:134.9/5

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

Left In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Left: 2.439 $\pm$ 0.118 χ^2 /NDF: 228.9/9

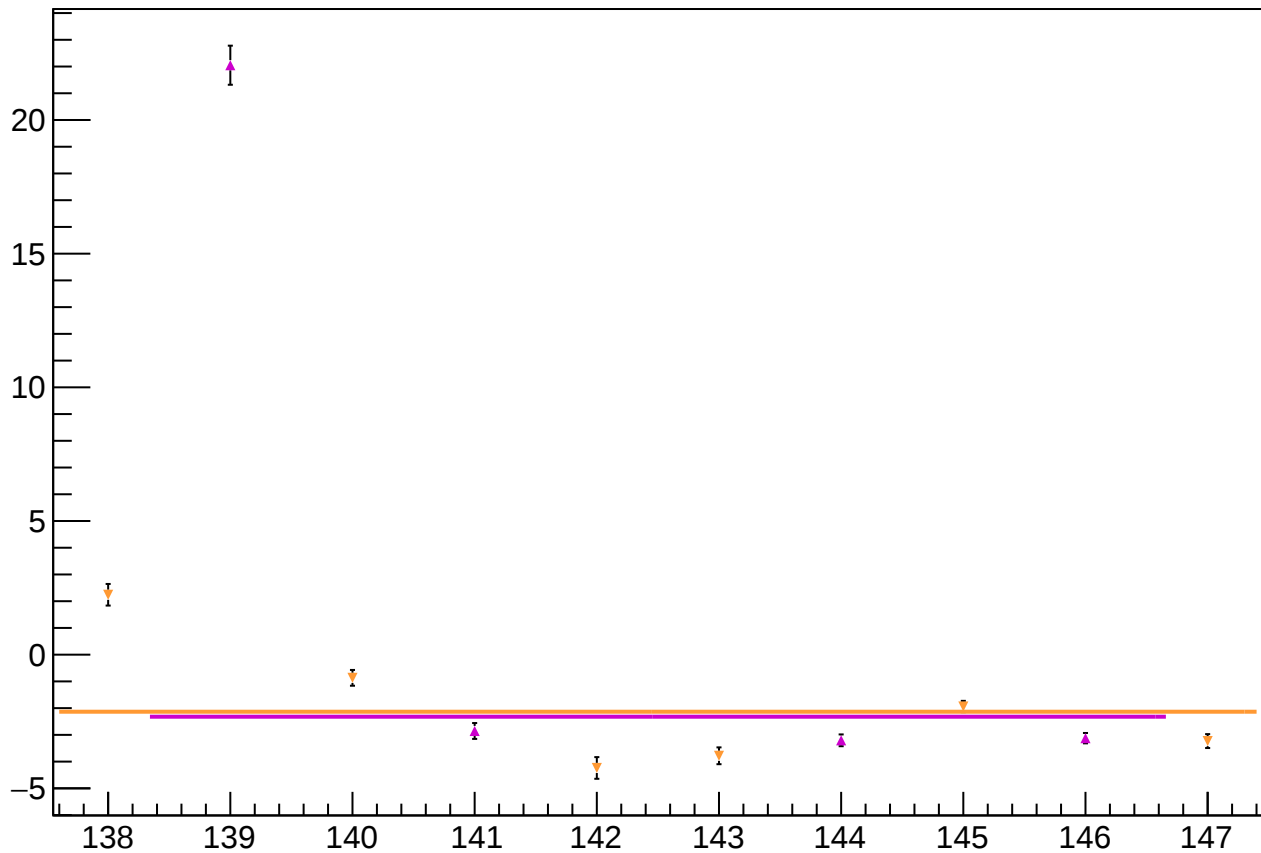
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Out: 3.241 $\pm$ 0.161 χ^2 /NDF:134.9/5

All: 2.439 $\pm$ 0.118 χ^2 /NDF: 228.9/9

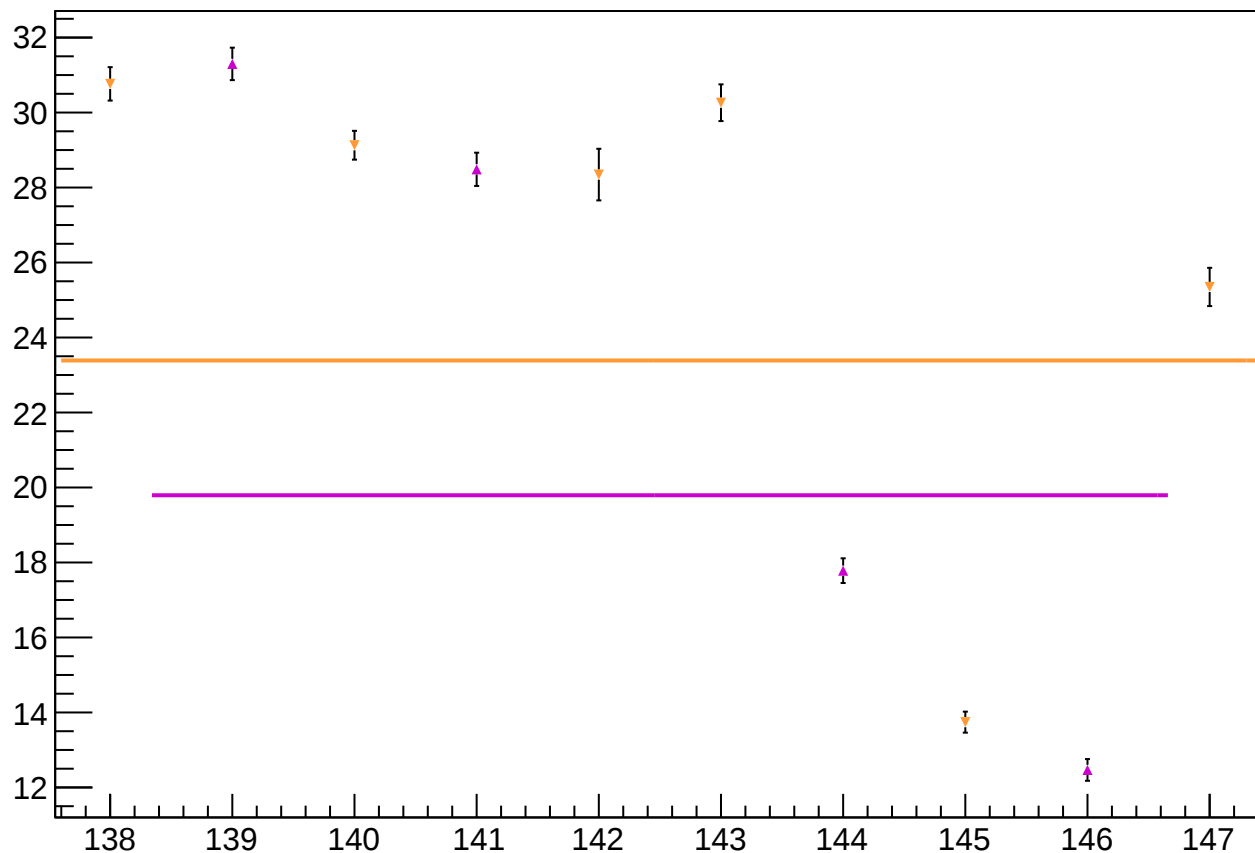
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.134+/-0.119 χ^2/NDF :208.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Left: -2.220+/-0.087 χ^2/NDF : 1357.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.321+/-0.129 χ^2/NDF :1147.7/3
 Out: -2.134+/-0.119 χ^2/NDF :208.6/5
 All: -2.220+/-0.087 χ^2/NDF : 1357.5/9

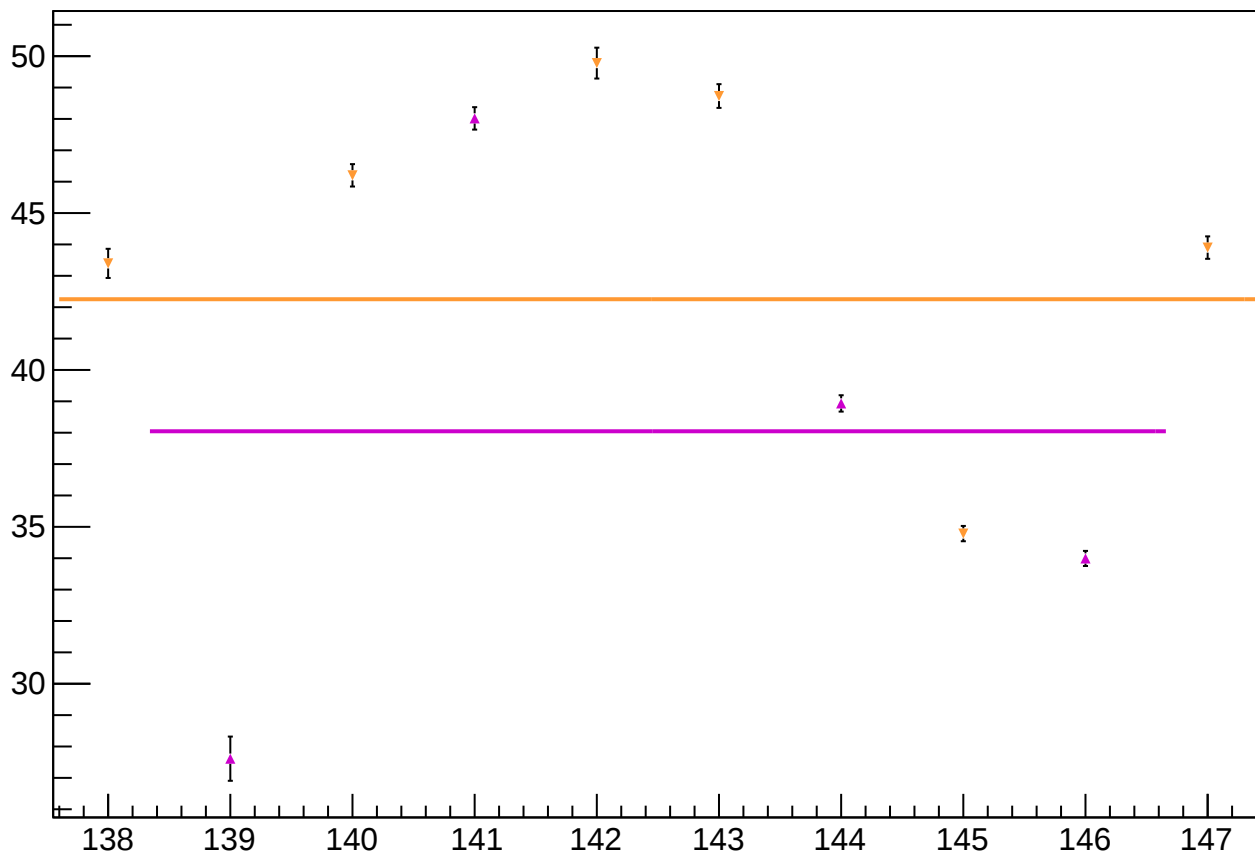
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.793+/-0.178 χ^2/NDF :1766.2/3

Left: 21.676+/-0.123 χ^2/NDF : 3924.5/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.793+/-0.178 χ^2/NDF :1766.2/3
 Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 All: 21.676+/-0.123 χ^2/NDF : 3924.5/9

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 42.254+/-0.144 χ^2/NDF :1614.0/5

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

Left In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Left: 40.299+/-0.105 χ^2/NDF : 3303.2/9

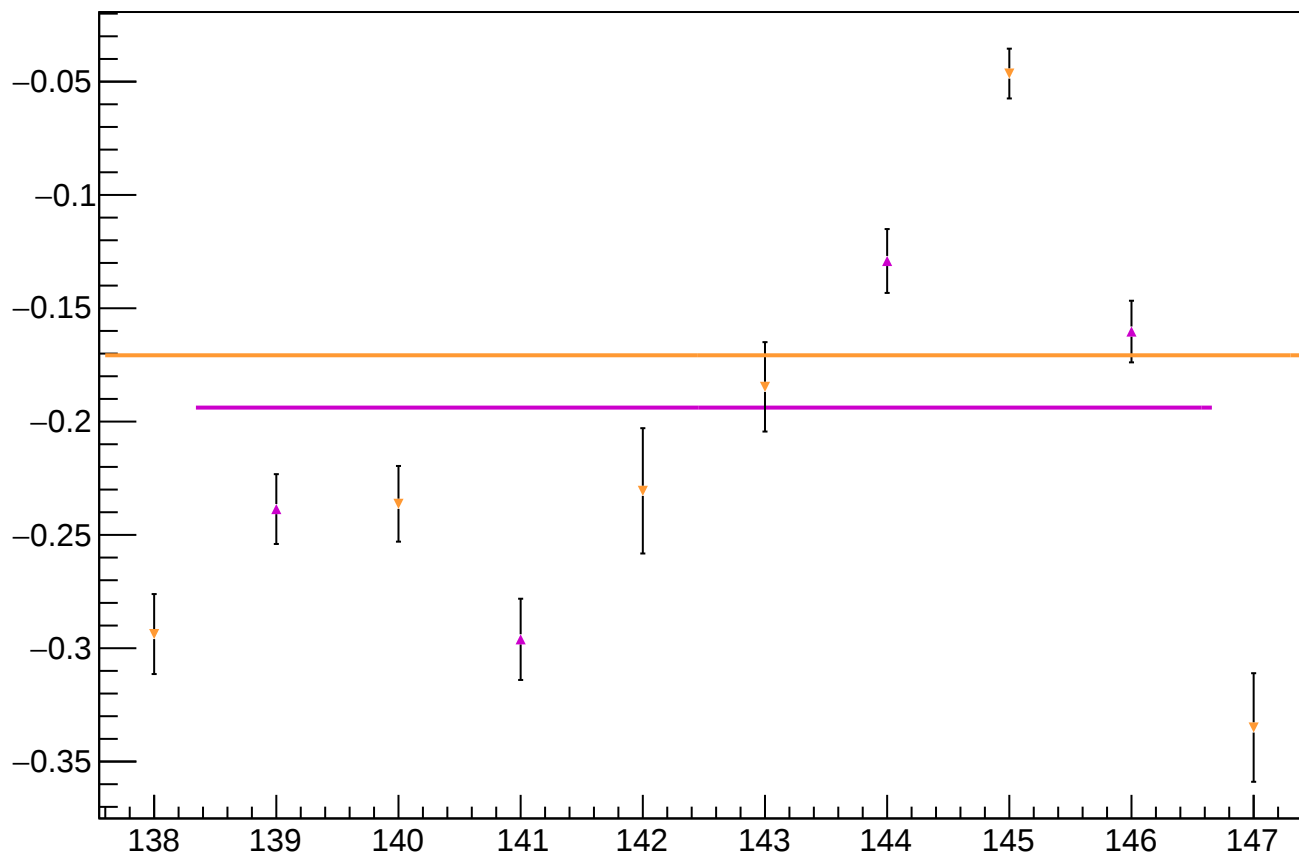
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Out: 42.254+/-0.144 χ^2/NDF :1614.0/5

All: 40.299+/-0.105 χ^2/NDF : 3303.2/9

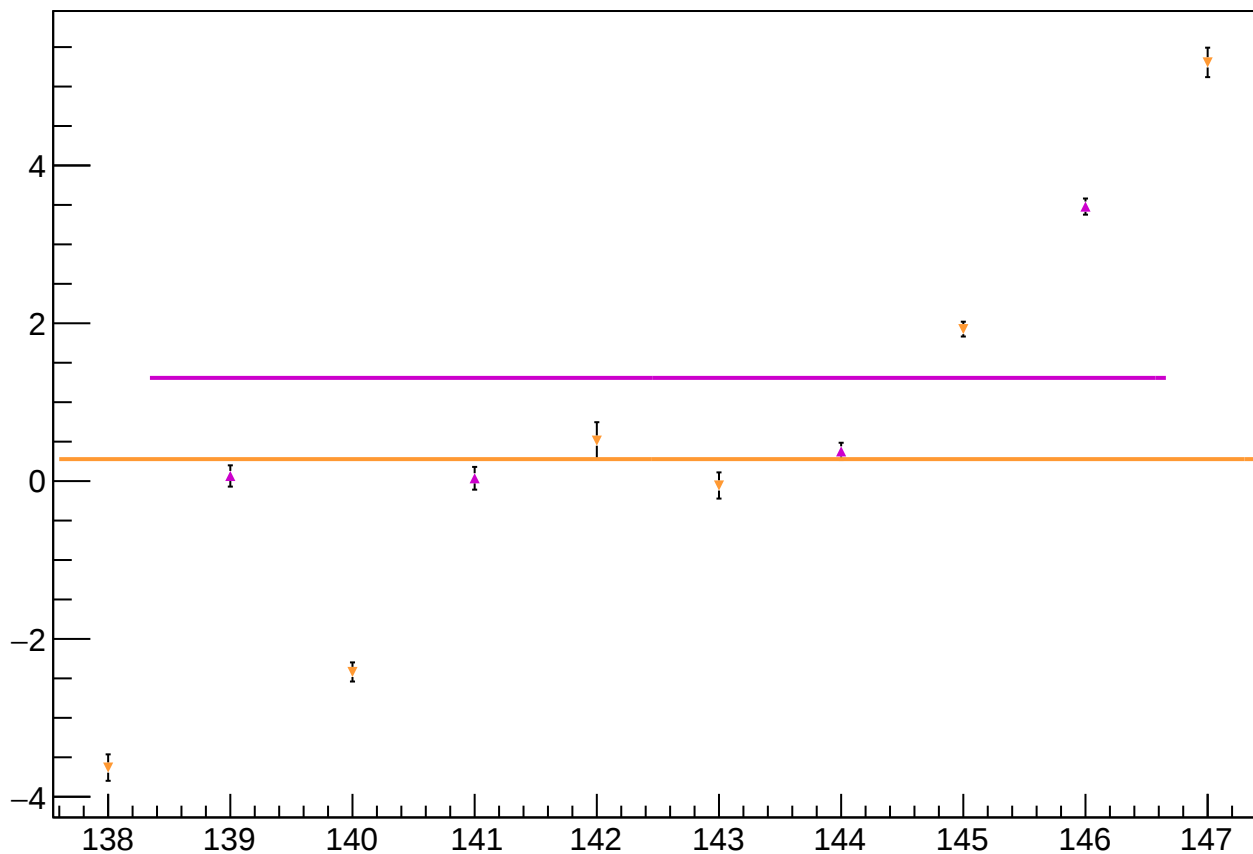
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.194 $\pm$ 0.008 χ^2 /NDF:68.2/3

Left: -0.181 $\pm$ 0.005 χ^2 /NDF: 317.5/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.194 $\pm$ 0.008 χ^2 /NDF:68.2/3
 Out: -0.171 $\pm$ 0.007 χ^2 /NDF:244.2/5
 All: -0.181 $\pm$ 0.005 χ^2 /NDF: 317.5/9

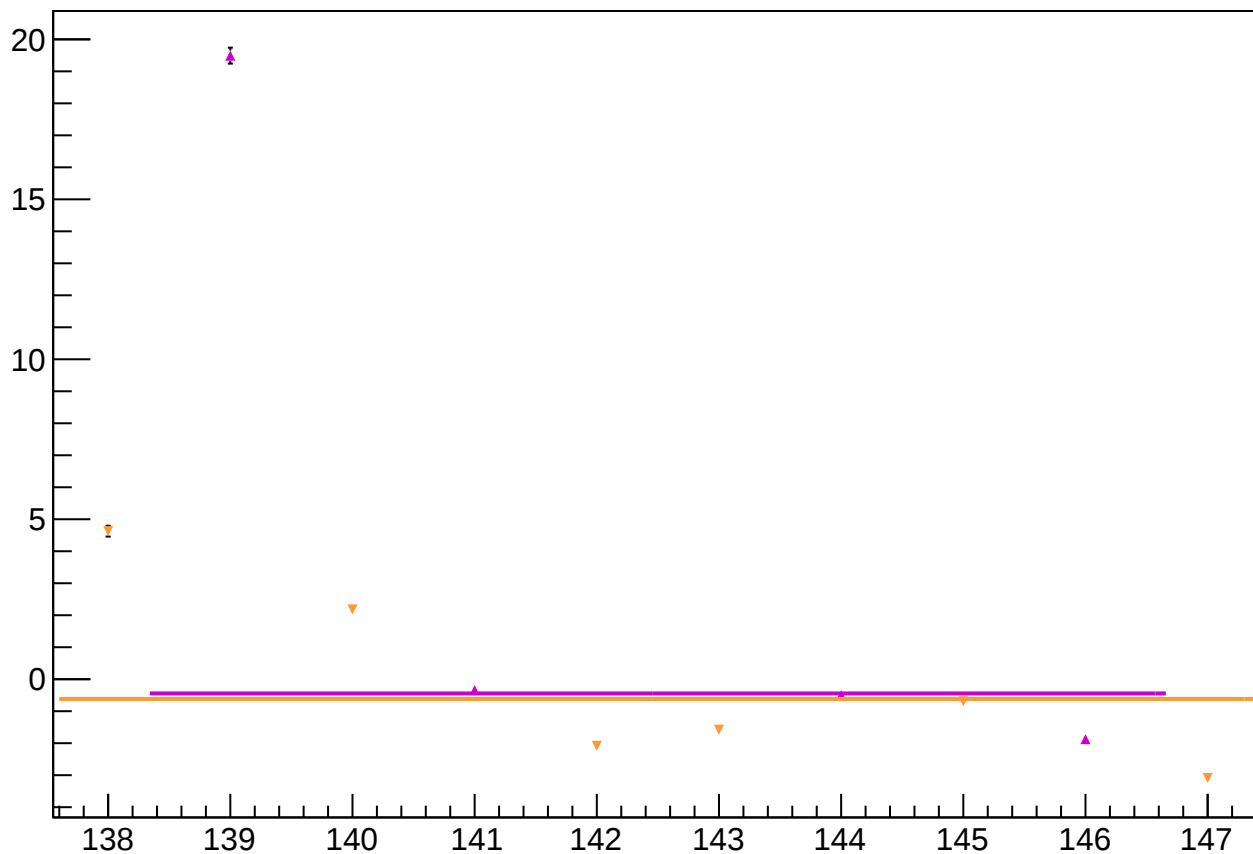
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.279 $\pm$ 0.058 χ^2 /NDF:2078.6/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3

Left: 0.777 $\pm$ 0.041 χ^2 /NDF: 2918.8/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3
 Out: 0.279 $\pm$ 0.058 χ^2 /NDF:2078.6/5
 All: 0.777 $\pm$ 0.041 χ^2 /NDF: 2918.8/9

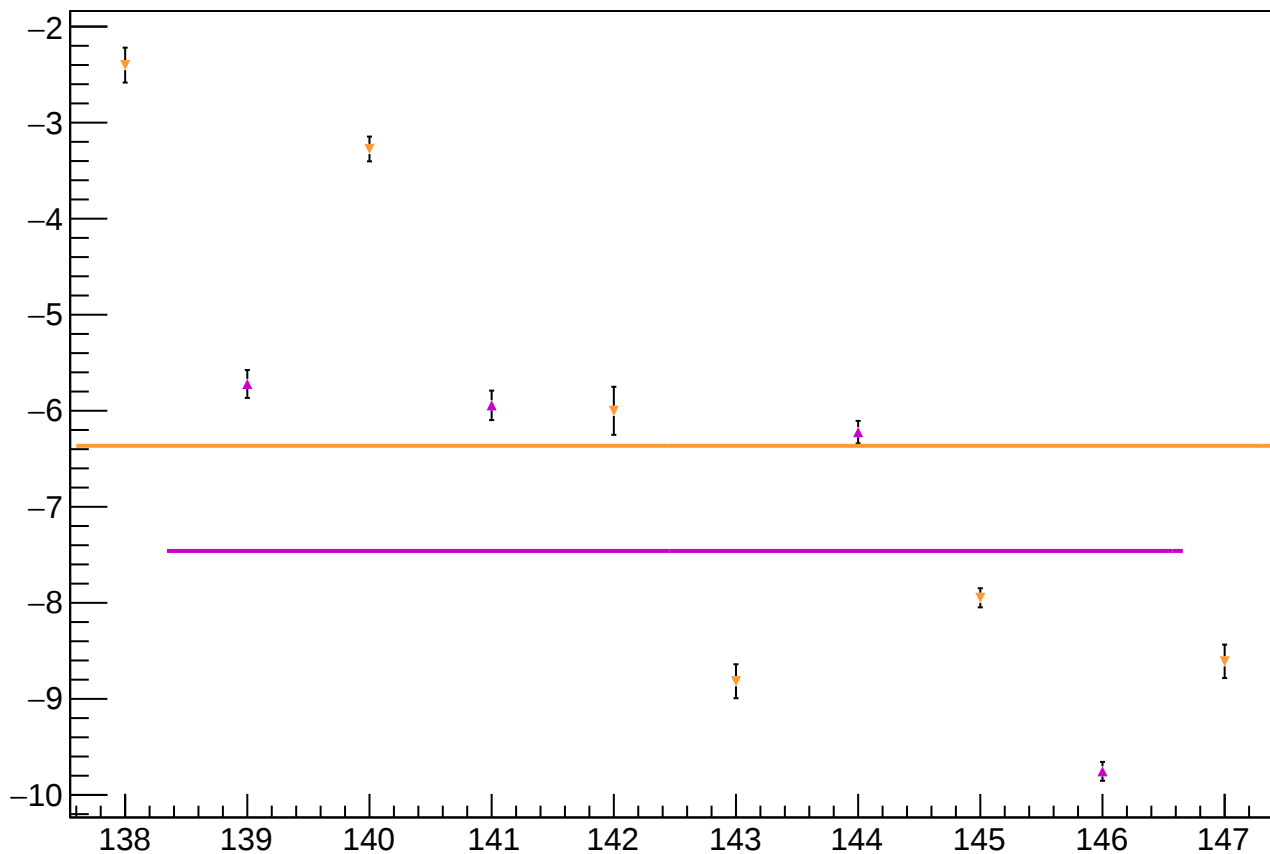
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.617+/-0.043 χ^2/NDF : 2675.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.444+/-0.045 χ^2/NDF : 6861.1/3

Left: -0.535+/-0.031 χ^2/NDF : 9544.0/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.444+/-0.045 χ^2/NDF : 6861.1/3
 Out: -0.617+/-0.043 χ^2/NDF : 2675.1/5
 All: -0.535+/-0.031 χ^2/NDF : 9544.0/9

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -6.365+/-0.061 χ^2/NDF :1662.0/5

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

Left In: -7.459+/-0.061 χ^2/NDF :895.0/3

Left: -6.906+/-0.043 χ^2/NDF : 2718.0/9

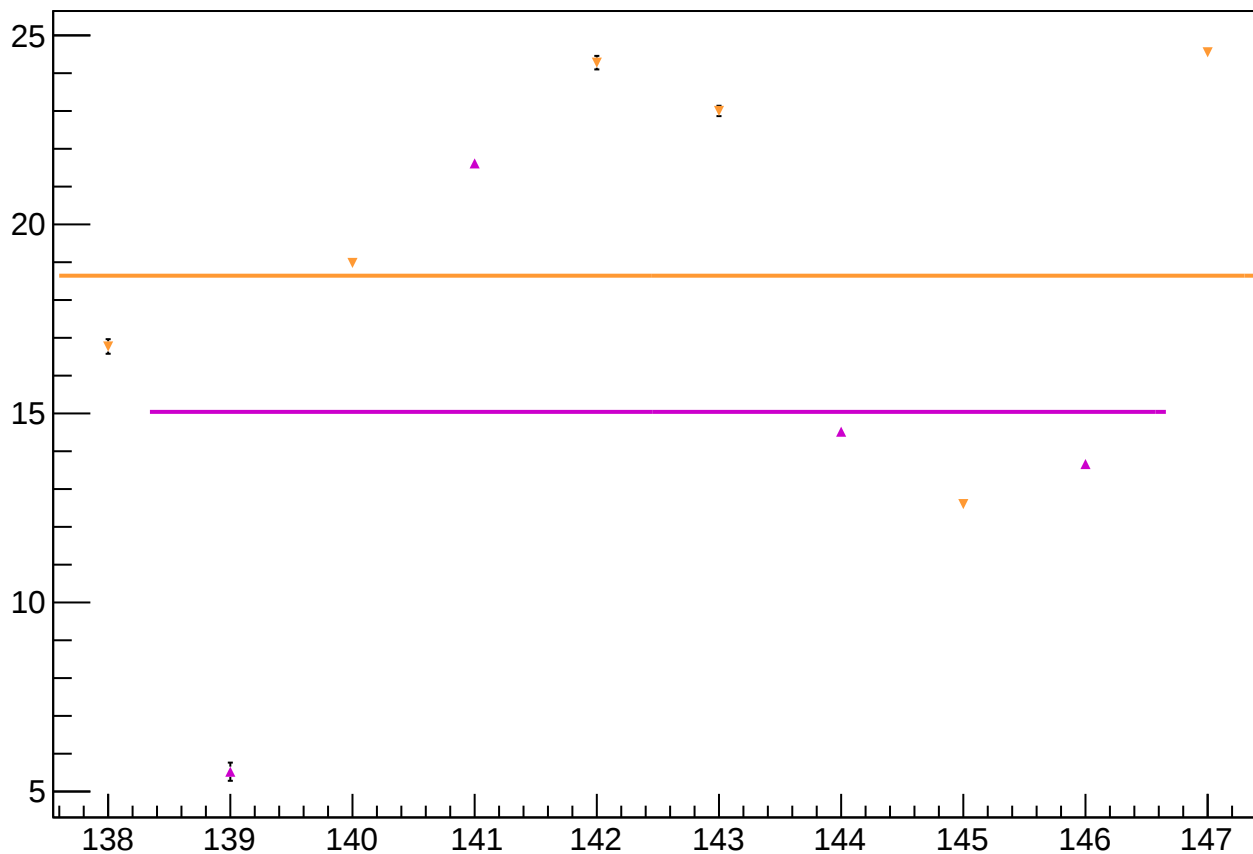
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.459+/-0.061 χ^2/NDF :895.0/3

Out: -6.365+/-0.061 χ^2/NDF :1662.0/5

All: -6.906+/-0.043 χ^2/NDF : 2718.0/9

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 18.644+/-0.052 χ^2/NDF :9115.8/5

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

Left In: 15.041+/-0.054 χ^2/NDF :4698.2/3

Left: 16.914+/-0.037 χ^2/NDF : 16148.4/9

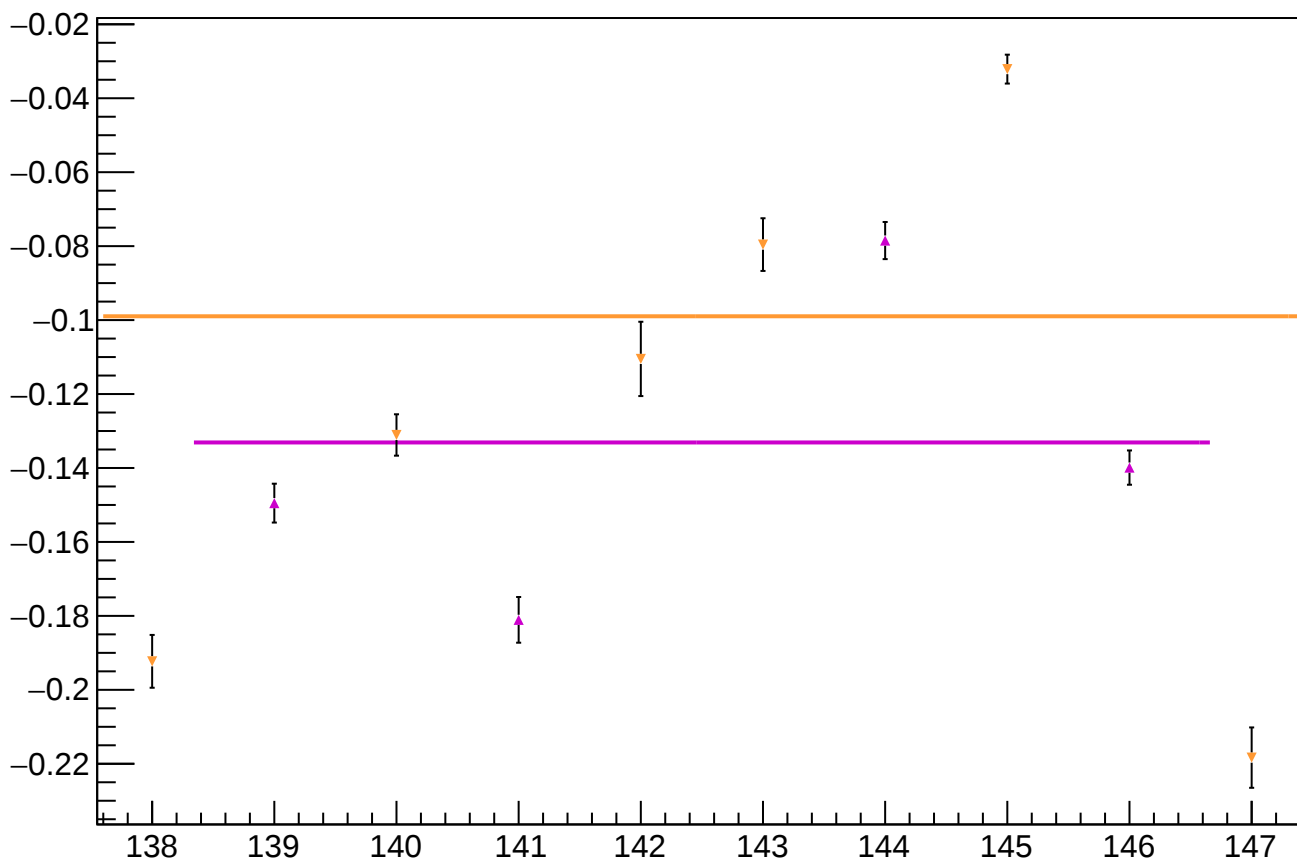
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.041+/-0.054 χ^2/NDF :4698.2/3

Out: 18.644+/-0.052 χ^2/NDF :9115.8/5

All: 16.914+/-0.037 χ^2/NDF : 16148.4/9

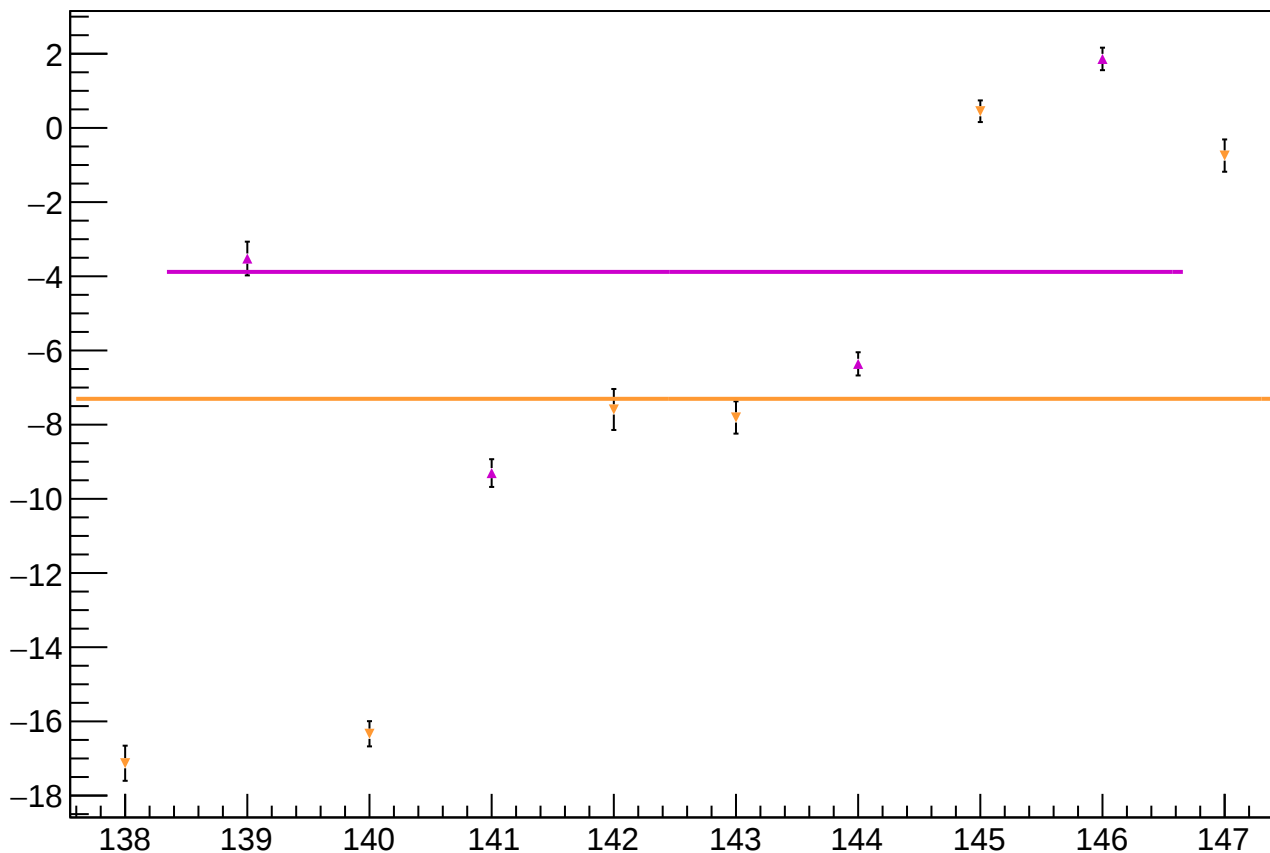
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.133 $\pm$ 0.003 χ^2 /NDF:190.4/3

Left: -0.115 $\pm$ 0.002 χ^2 /NDF: 999.4/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.133 $\pm$ 0.003 χ^2 /NDF:190.4/3
 Out: -0.099 $\pm$ 0.002 χ^2 /NDF:718.8/5
 All: -0.115 $\pm$ 0.002 χ^2 /NDF: 999.4/9

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: -3.881+/-0.174 χ^2/NDF :632.0/3

Left: -5.726+/-0.118 χ^2/NDF : 2910.1/9

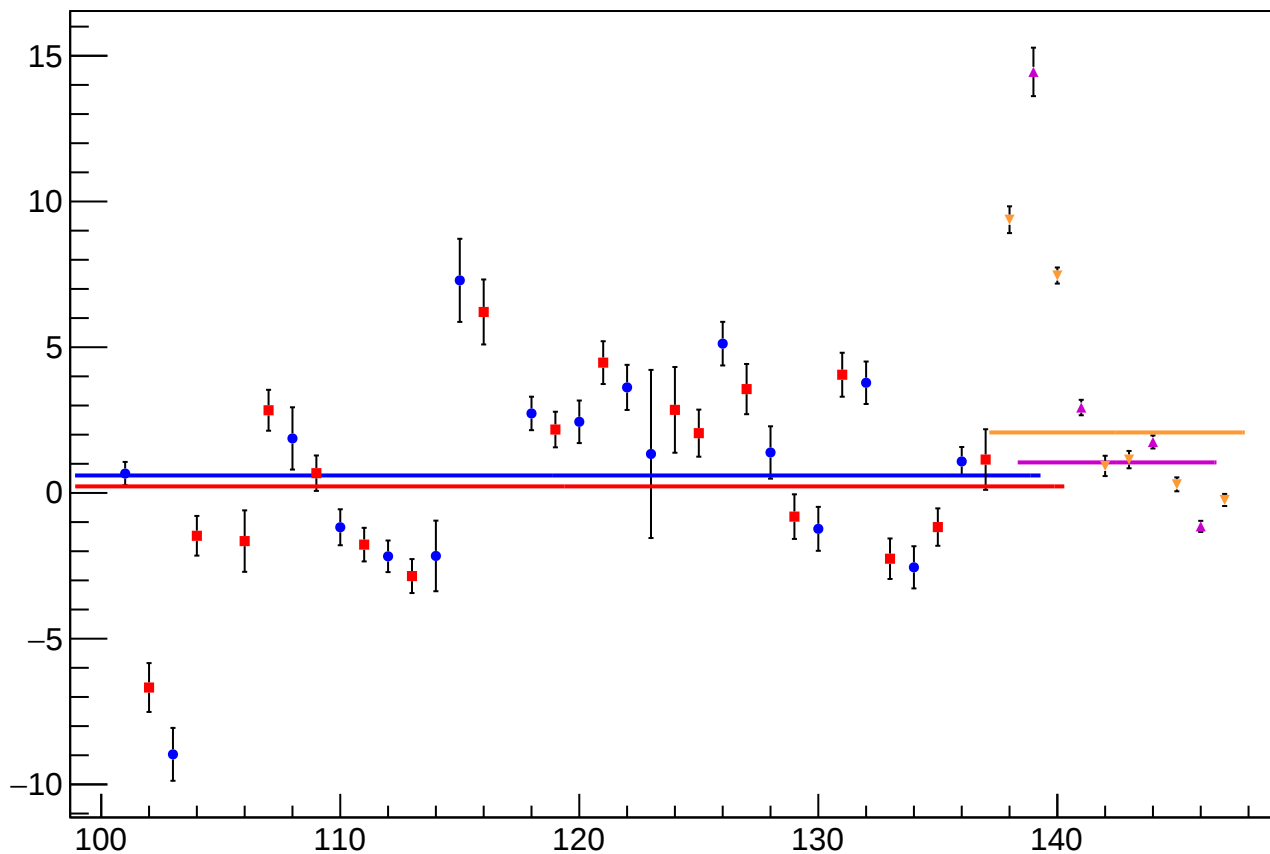
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.881+/-0.174 χ^2/NDF :632.0/3

Out: -7.303+/-0.161 χ^2/NDF :2069.4/5

All: -5.726+/-0.118 χ^2/NDF : 2910.1/9

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 1.616 ± 0.084 $\chi^2/\text{NDF}: 1322.4/9$

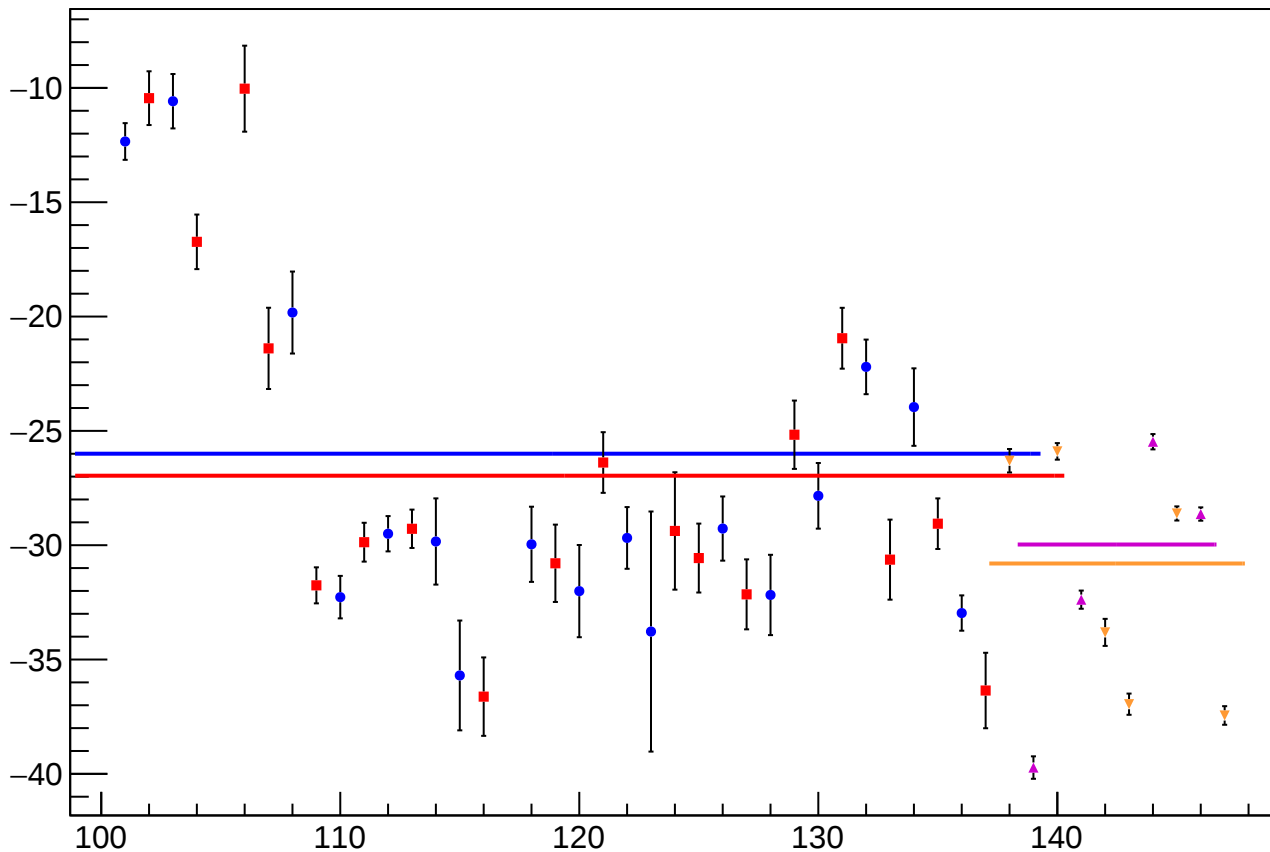
Right: 0.418 ± 0.122 $\chi^2/\text{NDF}: 567.5/34$

In: 0.888 ± 0.101 $\chi^2/\text{NDF}: 748.5/20$

Out: 1.529 ± 0.095 $\chi^2/\text{NDF}: 1185.7/23$

All: 1.229 ± 0.069 $\chi^2/\text{NDF}: 1955.5/44$

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: -29.970 ± 0.179 χ^2/NDF : 631.7/3

Left: -30.412 ± 0.123 χ^2/NDF : 1422.1/9

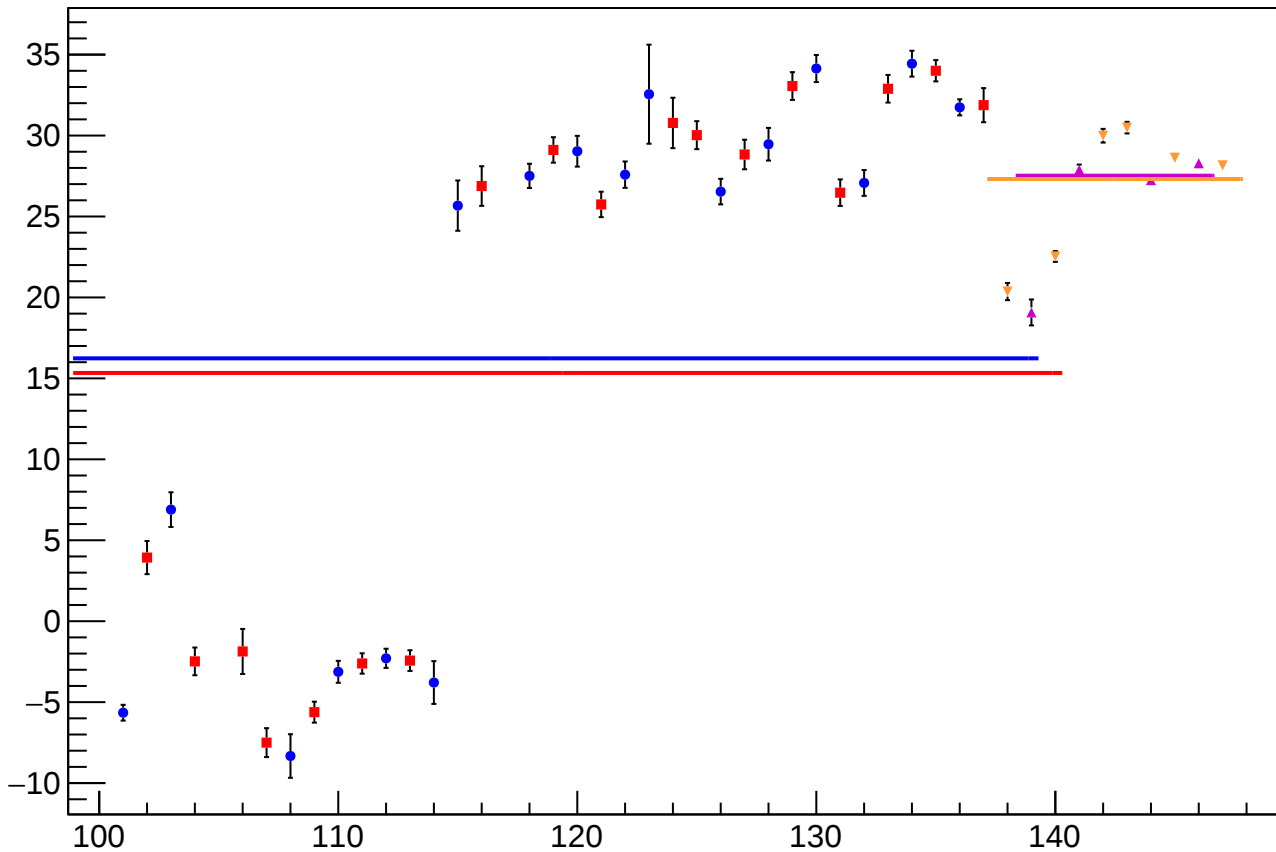
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -28.925 ± 0.154 χ^2/NDF : 1453.3/20

Out: -29.875 ± 0.146 χ^2/NDF : 1440.2/23

All: -29.424 ± 0.106 χ^2/NDF : 2913.6/44

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: 27.520 $\pm$ 0.152 χ^2 /NDF:123.8/3

Left: 27.408 $\pm$ 0.103 χ^2 /NDF: 651.9/9

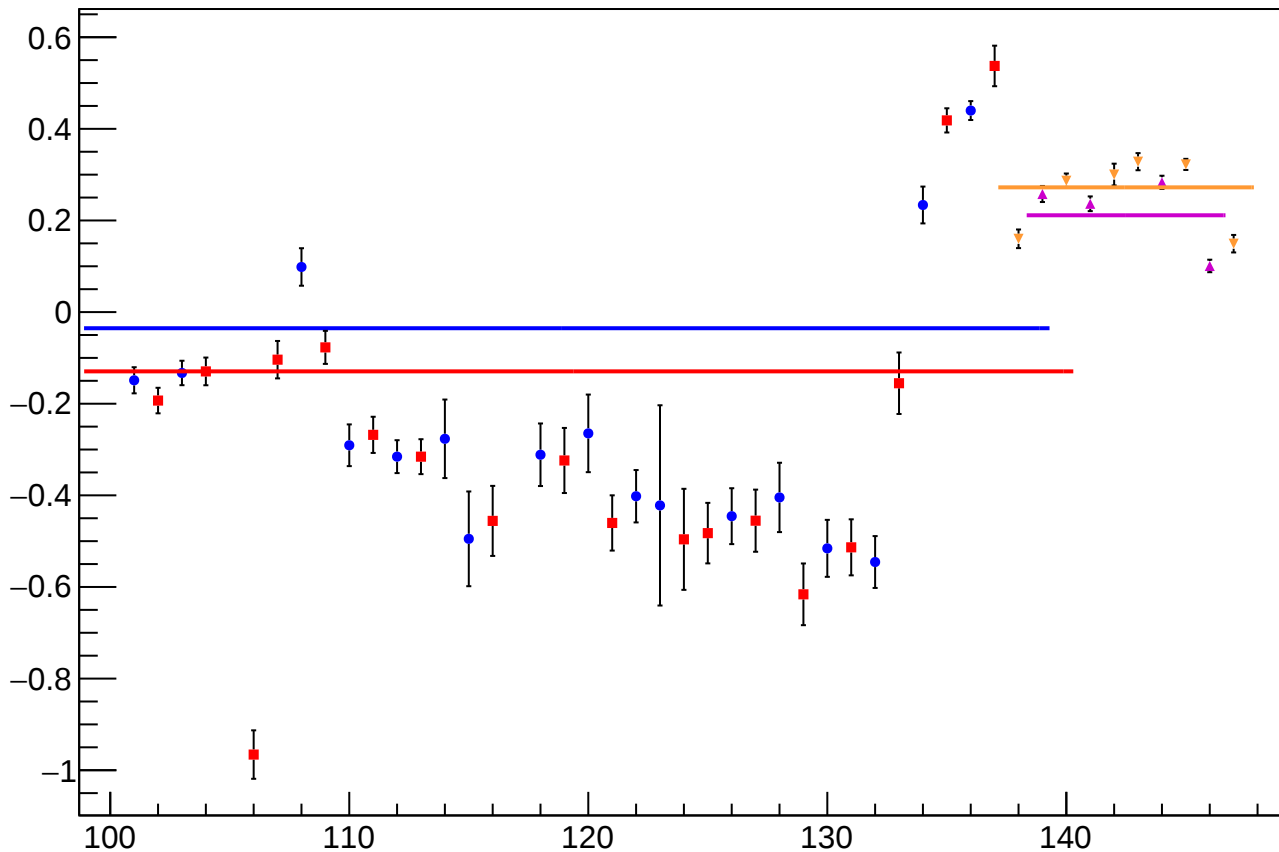
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 23.147 $\pm$ 0.119 χ^2 /NDF:9832.2/20

Out: 23.321 $\pm$ 0.114 χ^2 /NDF:10248.0/23

All: 23.238 $\pm$ 0.082 χ^2 /NDF: 20081.3/44

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 $\chi^2/\text{NDF}: 1013.6/16$

Left Out: 0.272 ± 0.007 $\chi^2/\text{NDF}: 100.2/5$

Right Out: -0.129 ± 0.010 $\chi^2/\text{NDF}: 1161.5/17$

Left In: 0.211 ± 0.008 $\chi^2/\text{NDF}: 99.7/3$

Left: 0.244 ± 0.005 $\chi^2/\text{NDF}: 234.7/9$

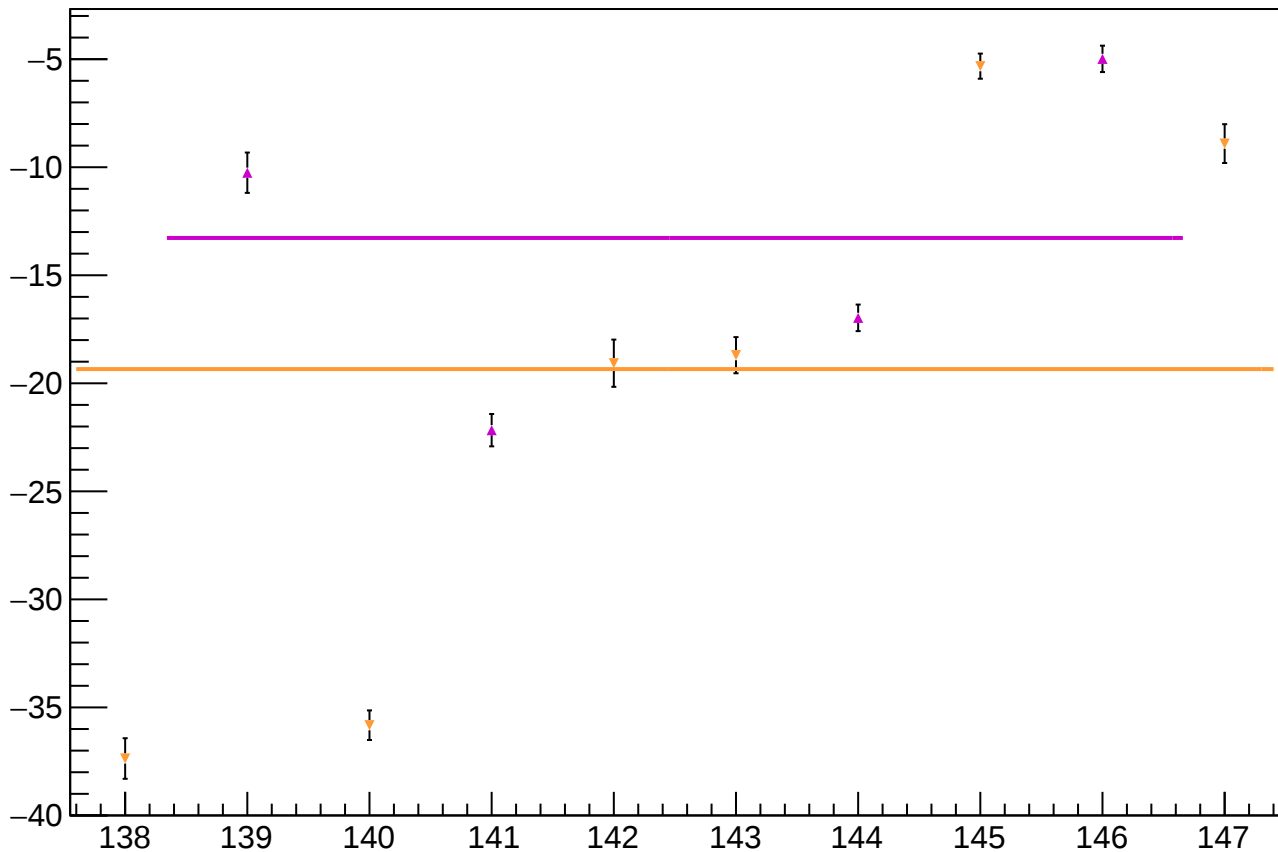
Right: -0.082 ± 0.007 $\chi^2/\text{NDF}: 2216.5/34$

In: 0.125 ± 0.006 $\chi^2/\text{NDF}: 1482.9/20$

Out: 0.148 ± 0.006 $\chi^2/\text{NDF}: 2292.8/23$

All: 0.137 ± 0.004 $\chi^2/\text{NDF}: 3783.3/44$

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: -13.273+/-0.348 χ^2/NDF :372.3/3

Left: -16.554+/-0.236 χ^2/NDF : 2201.3/9

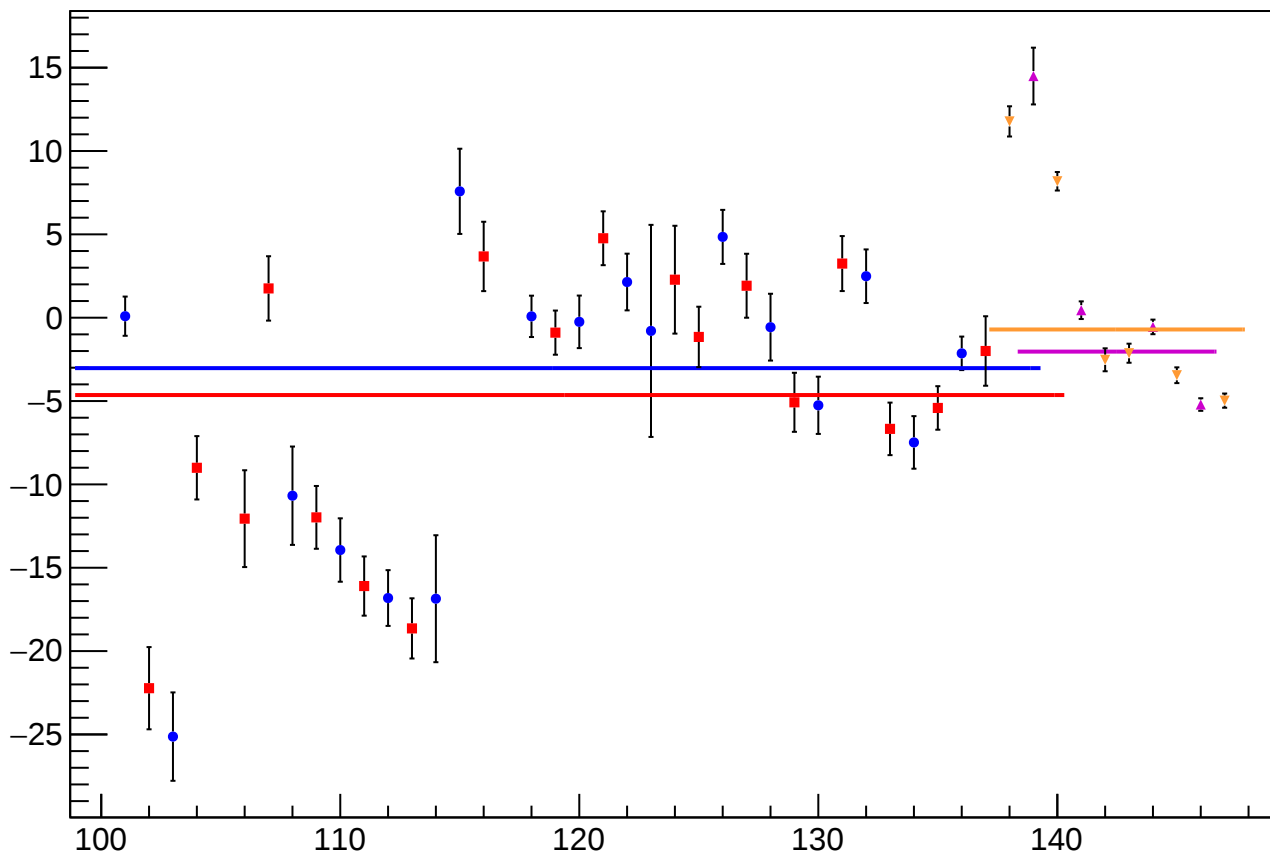
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.273+/-0.348 χ^2/NDF :372.3/3

Out: -19.343+/-0.321 χ^2/NDF :1664.3/5

All: -16.554+/-0.236 χ^2/NDF : 2201.3/9

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: -2.034 ± 0.249 χ^2/NDF : 198.5/3

Left: -1.306 ± 0.167 χ^2/NDF : 807.5/9

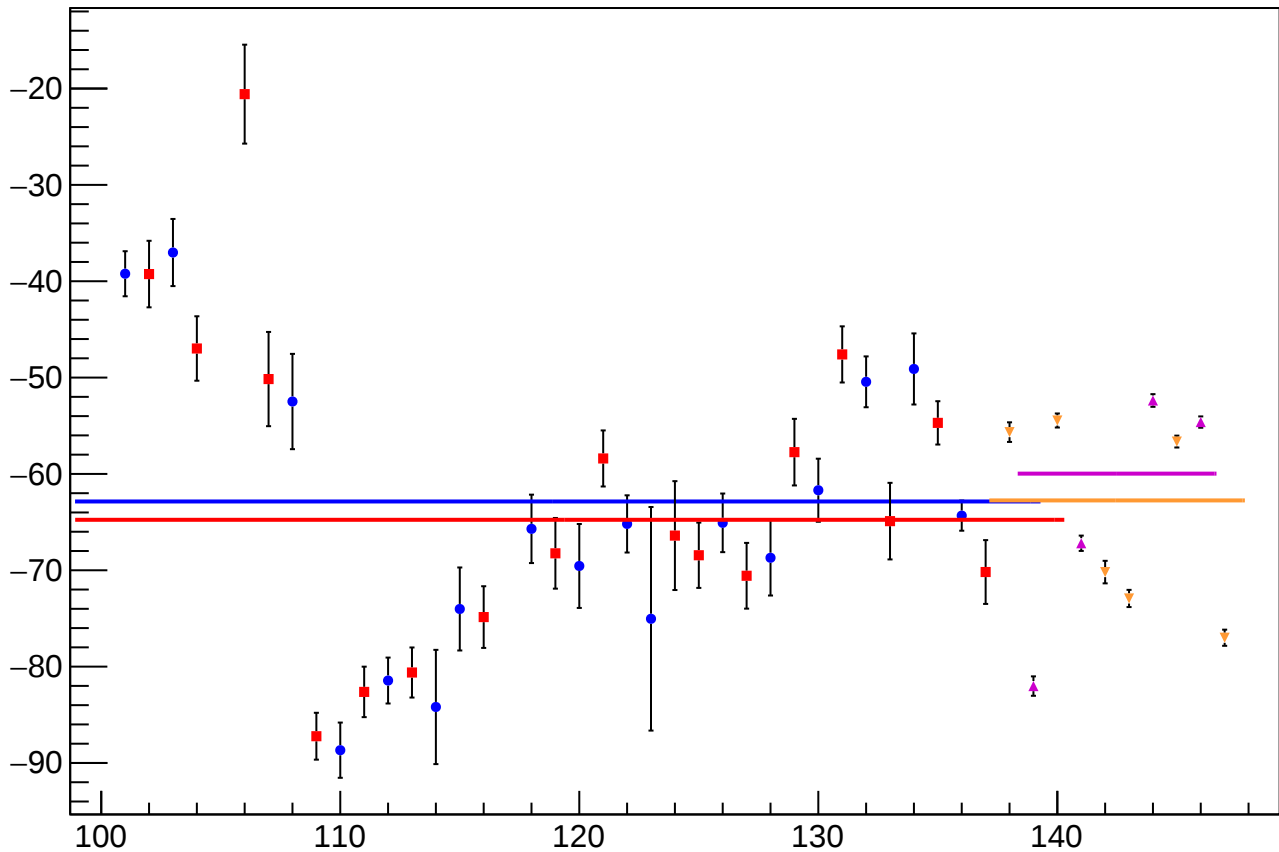
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.303 ± 0.212 χ^2/NDF : 483.4/20

Out: -1.567 ± 0.200 χ^2/NDF : 954.7/23

All: -1.912 ± 0.145 χ^2/NDF : 1444.4/44

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -62.750 ± 0.336 $\chi^2/\text{NDF}: 735.4/5$

Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$

Left In: -59.969 ± 0.359 $\chi^2/\text{NDF}: 777.0/3$

Left: -61.452 ± 0.245 $\chi^2/\text{NDF}: 1544.5/9$

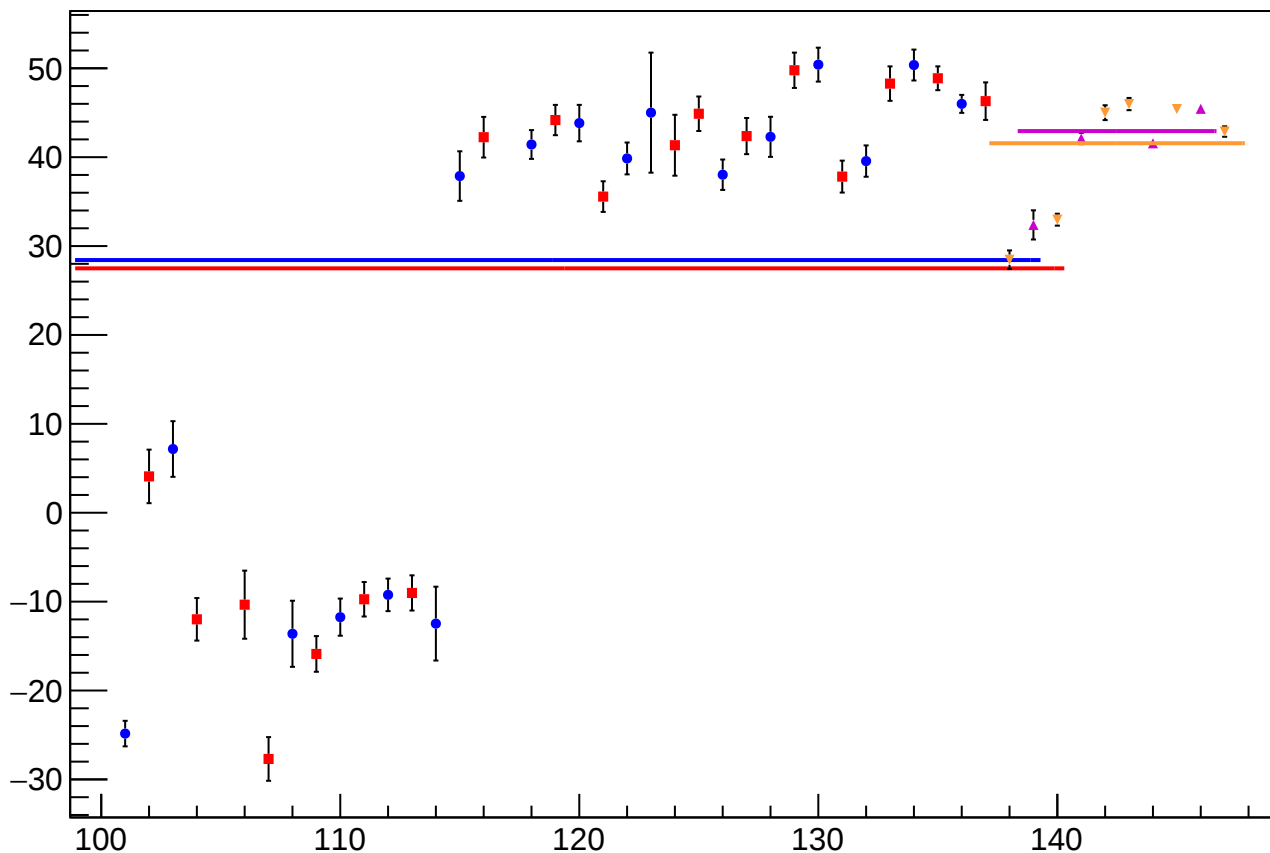
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -60.520 ± 0.323 $\chi^2/\text{NDF}: 1157.1/20$

Out: -63.083 ± 0.306 $\chi^2/\text{NDF}: 1157.5/23$

All: -61.867 ± 0.222 $\chi^2/\text{NDF}: 2347.7/44$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.568 $\pm$ 0.278 χ^2 /NDF:433.1/5

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.935 $\pm$ 0.302 χ^2 /NDF:77.8/3

Left: 42.194 $\pm$ 0.205 χ^2 /NDF: 522.0/9

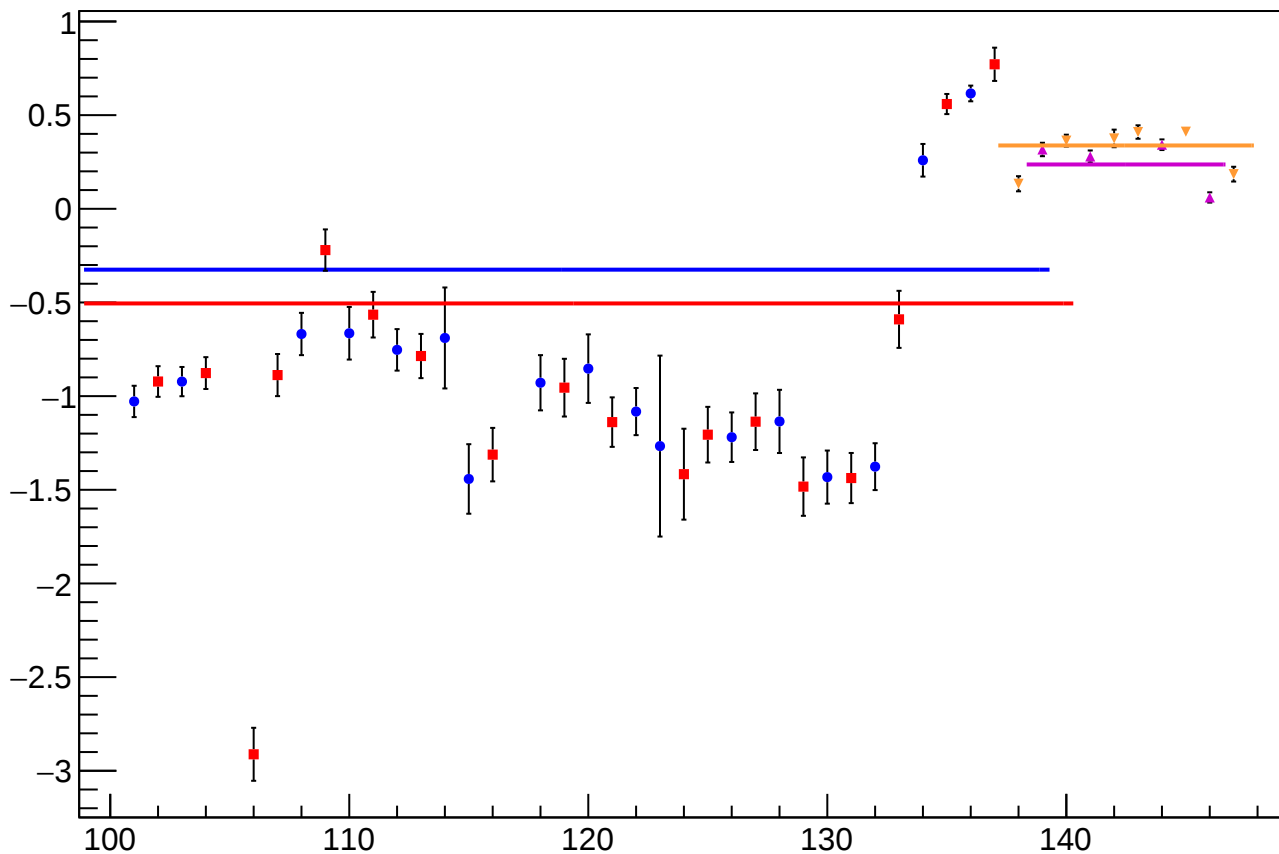
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.530 $\pm$ 0.252 χ^2 /NDF:4099.8/20

Out: 38.019 $\pm$ 0.240 χ^2 /NDF:4107.3/23

All: 38.263 $\pm$ 0.174 χ^2 /NDF: 8209.2/44

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: 0.237 ± 0.015 χ^2/NDF : 61.7/3

Left: 0.292 ± 0.010 χ^2/NDF : 141.0/9

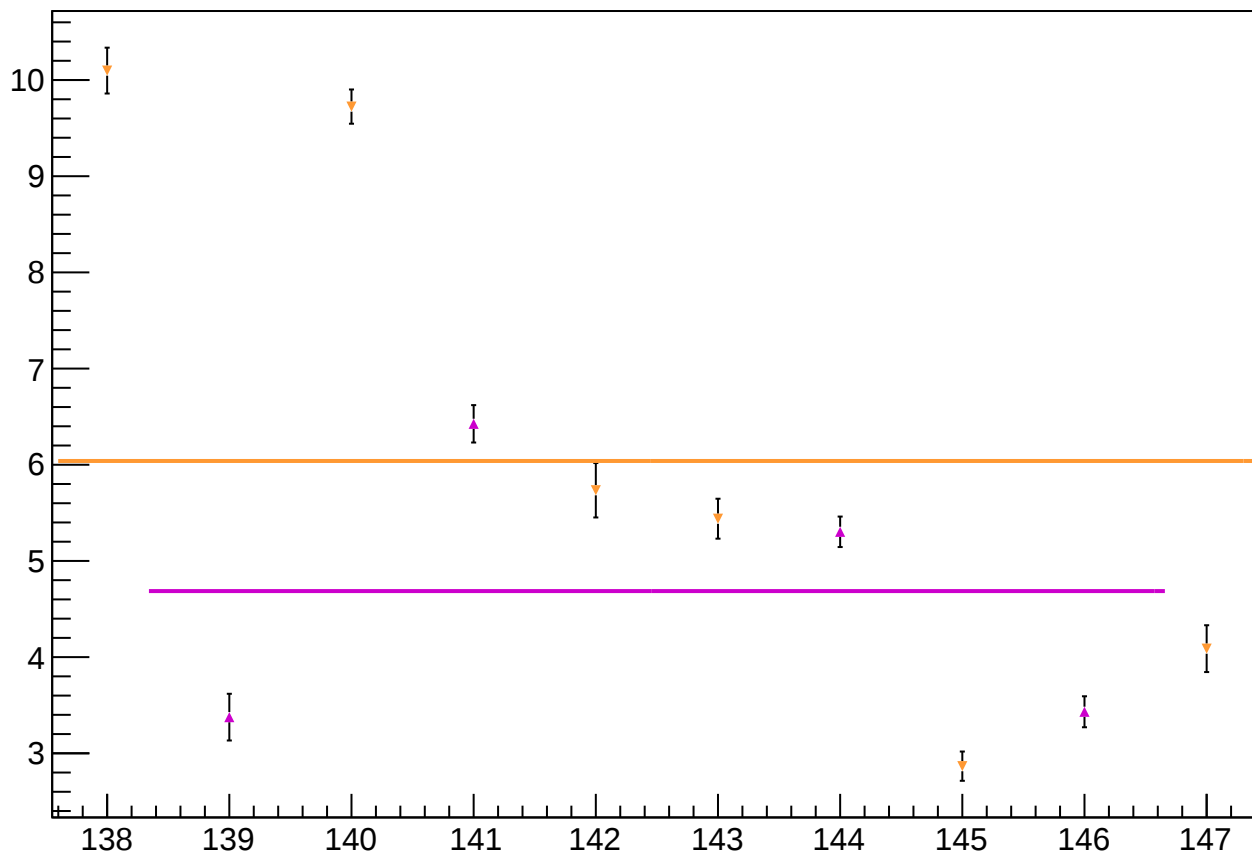
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.084 ± 0.013 χ^2/NDF : 1443.1/20

Out: 0.148 ± 0.012 χ^2/NDF : 2048.2/23

All: 0.118 ± 0.009 χ^2/NDF : 3504.3/44

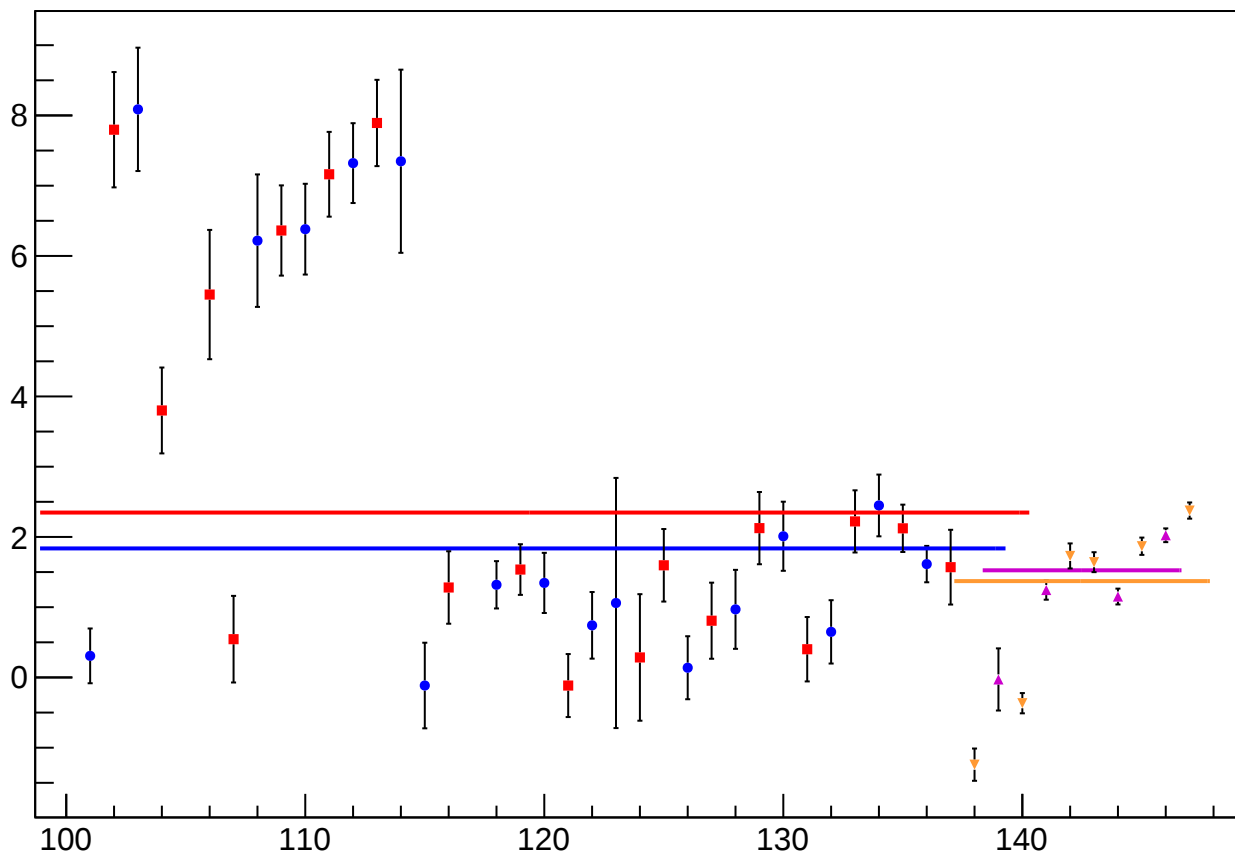
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 4.687+/-0.091 χ^2/NDF :184.9/3

Left: 5.422+/-0.061 χ^2/NDF : 1533.1/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.687+/-0.091 χ^2/NDF :184.9/3
 Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 All: 5.422+/-0.061 χ^2/NDF : 1533.1/9

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: 1.525 ± 0.064 χ^2/NDF : 53.4/3

Left: 1.441 ± 0.043 χ^2/NDF : 431.0/9

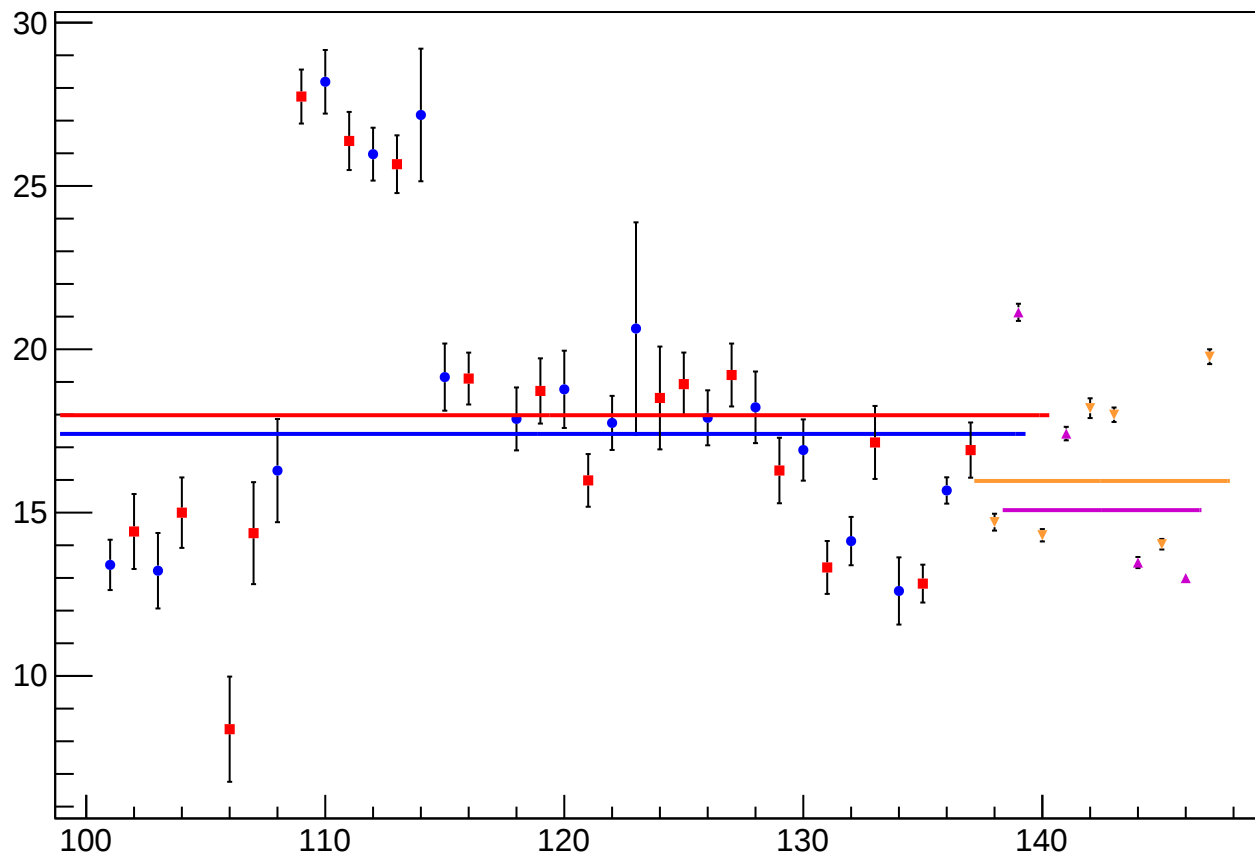
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.598 ± 0.056 χ^2/NDF : 353.0/20

Out: 1.554 ± 0.053 χ^2/NDF : 755.8/23

All: 1.575 ± 0.039 χ^2/NDF : 1109.2/44

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 χ^2/NDF : 365.1/16

Left Out: 15.970 ± 0.087 χ^2/NDF : 662.5/5

Right Out: 17.982 ± 0.219 χ^2/NDF : 490.7/17

Left In: 15.076 ± 0.093 χ^2/NDF : 930.9/3

Left: 15.554 ± 0.064 χ^2/NDF : 1642.2/9

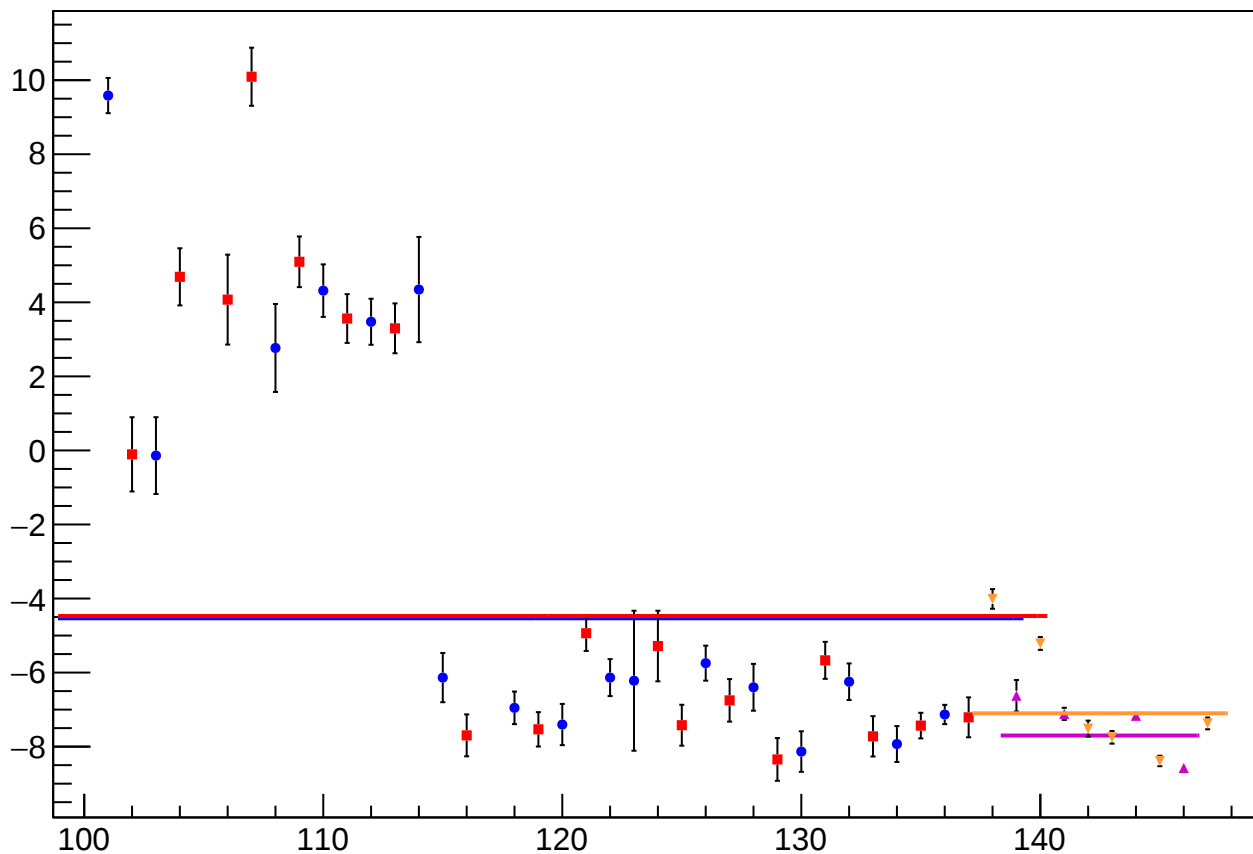
Right: 17.686 ± 0.152 χ^2/NDF : 859.3/34

In: 15.456 ± 0.086 χ^2/NDF : 1397.4/20

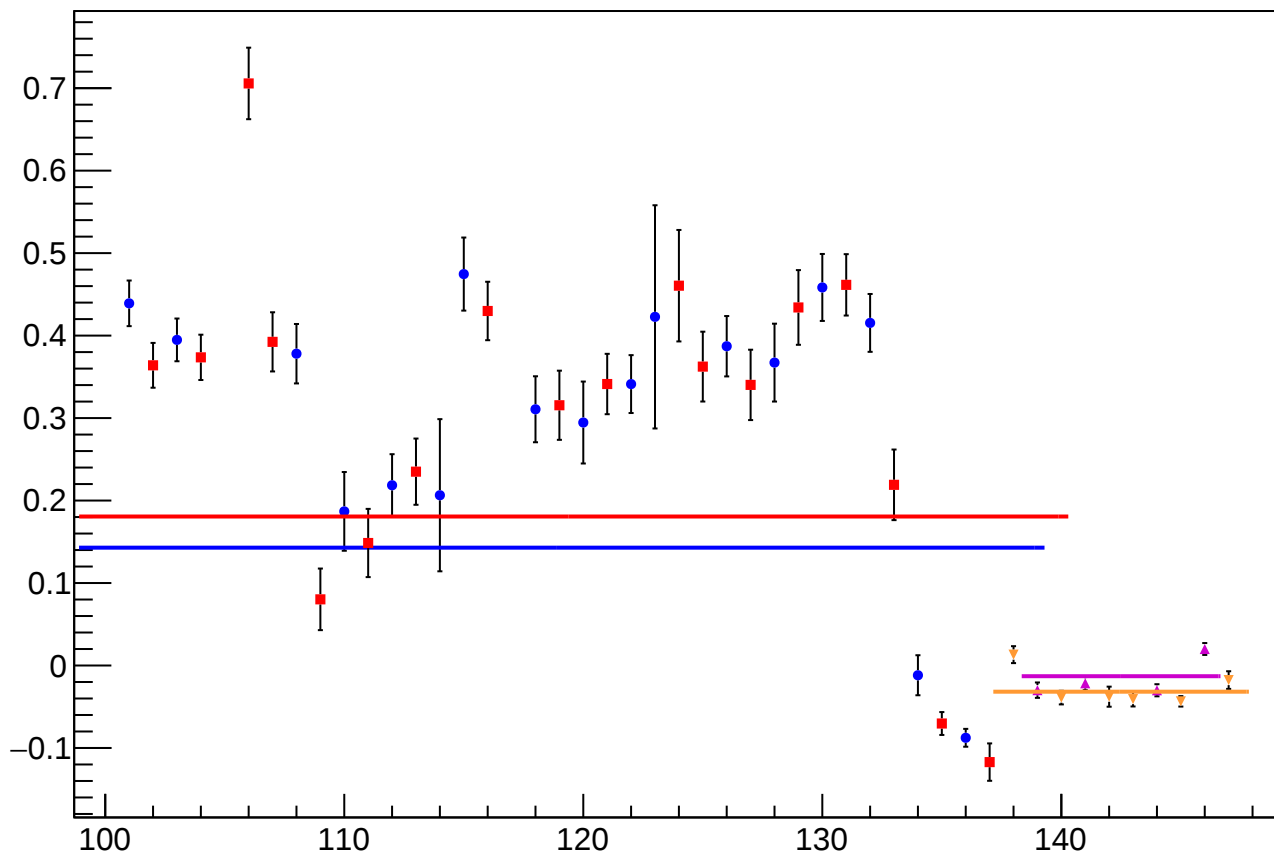
Out: 16.244 ± 0.081 χ^2/NDF : 1225.9/23

All: 15.871 ± 0.059 χ^2/NDF : 2668.1/44

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1058.9/16

Left Out: -0.032 ± 0.004 χ^2/NDF : 26.3/5

Right Out: 0.181 ± 0.007 χ^2/NDF : 1003.7/17

Left In: -0.013 ± 0.004 χ^2/NDF : 30.6/3

Left: -0.023 ± 0.003 χ^2/NDF : 69.2/9

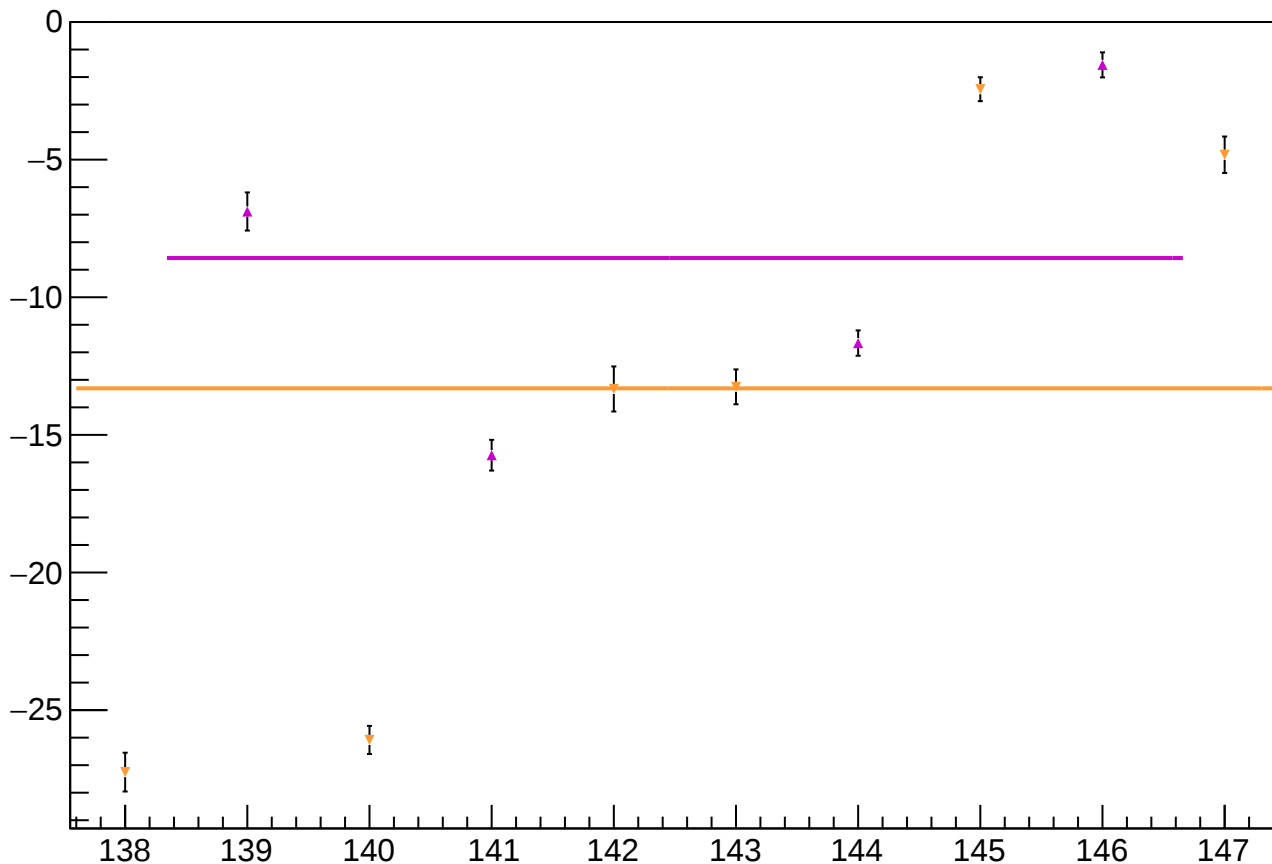
Right: 0.161 ± 0.005 χ^2/NDF : 2076.2/34

In: 0.024 ± 0.003 χ^2/NDF : 1460.3/20

Out: 0.009 ± 0.003 χ^2/NDF : 1695.4/23

All: 0.016 ± 0.002 χ^2/NDF : 3166.5/44

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: -8.575+/-0.260 χ^2/NDF :453.8/3

Left: -11.131+/-0.176 χ^2/NDF : 2441.6/9

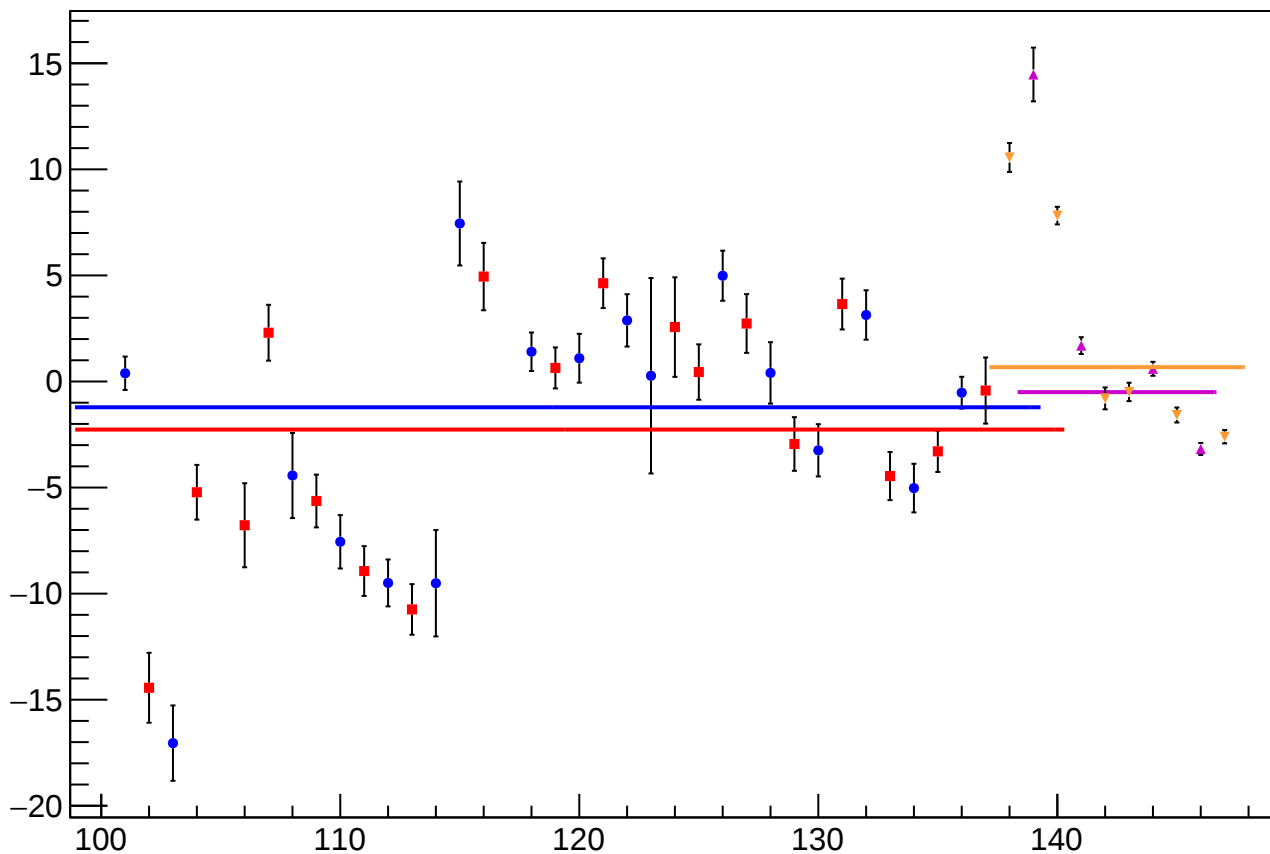
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.575+/-0.260 χ^2/NDF :453.8/3

Out: -13.309+/-0.240 χ^2/NDF :1808.2/5

All: -11.131+/-0.176 χ^2/NDF : 2441.6/9

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: -0.501 ± 0.186 χ^2/NDF : 271.8/3

Left: 0.146 ± 0.125 χ^2/NDF : 966.9/9

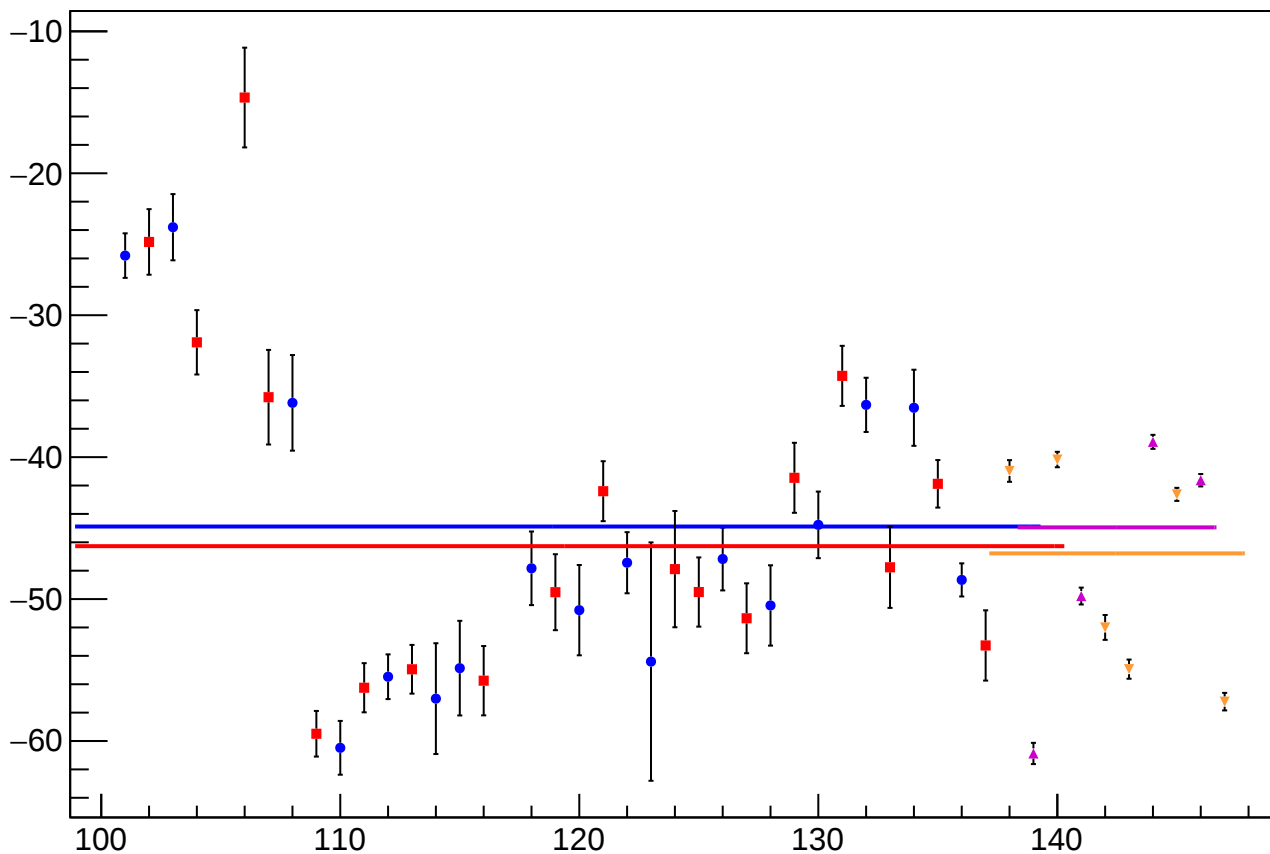
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.709 ± 0.157 χ^2/NDF : 554.8/20

Out: -0.022 ± 0.147 χ^2/NDF : 1029.2/23

All: -0.344 ± 0.107 χ^2/NDF : 1594.3/44

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: -44.948 ± 0.268 χ^2/NDF : 726.0/3

Left: -45.925 ± 0.183 χ^2/NDF : 1504.6/9

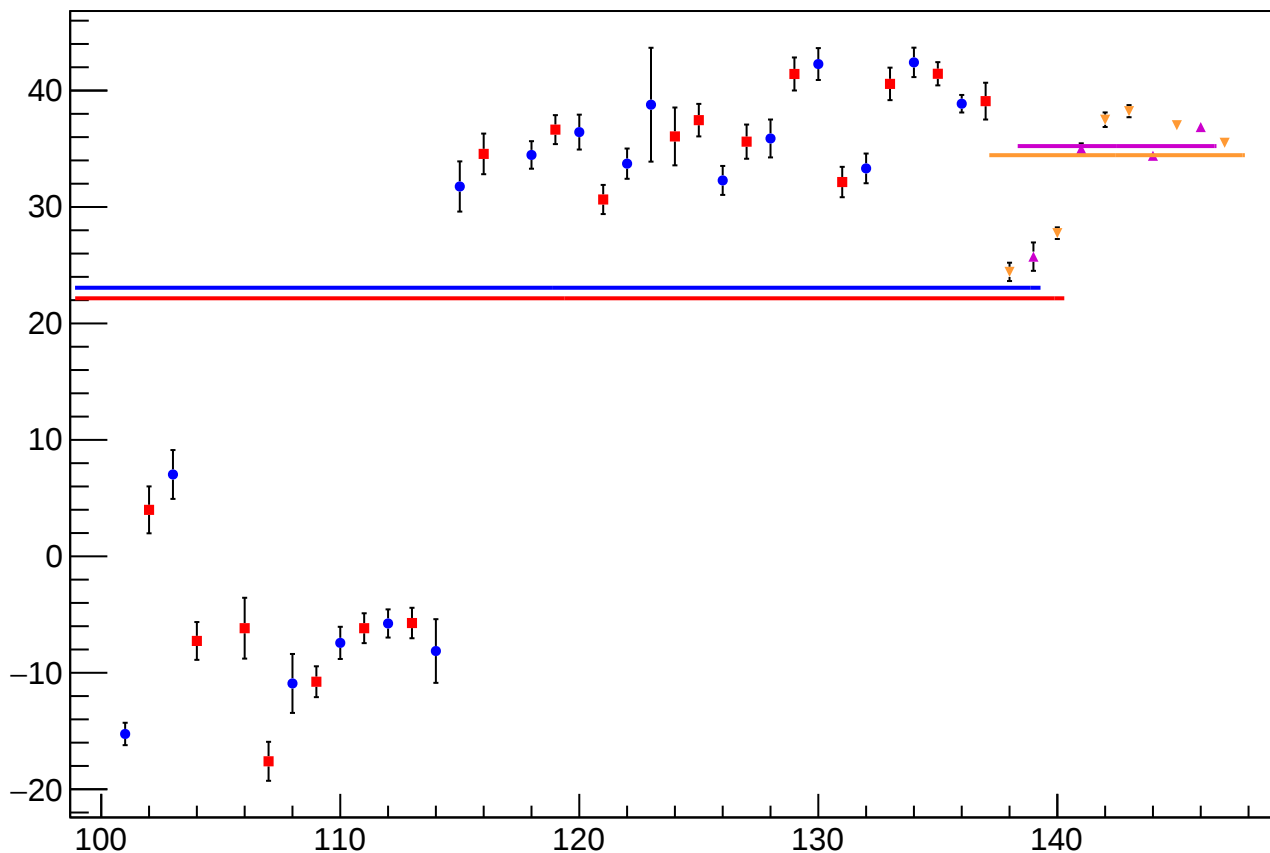
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -44.936 ± 0.238 χ^2/NDF : 1146.4/20

Out: -46.688 ± 0.227 χ^2/NDF : 1174.9/23

All: -45.856 ± 0.164 χ^2/NDF : 2349.7/44

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: 35.231 $\pm$ 0.226 χ^2 /NDF:86.6/3

Left: 34.807 $\pm$ 0.153 χ^2 /NDF: 556.2/9

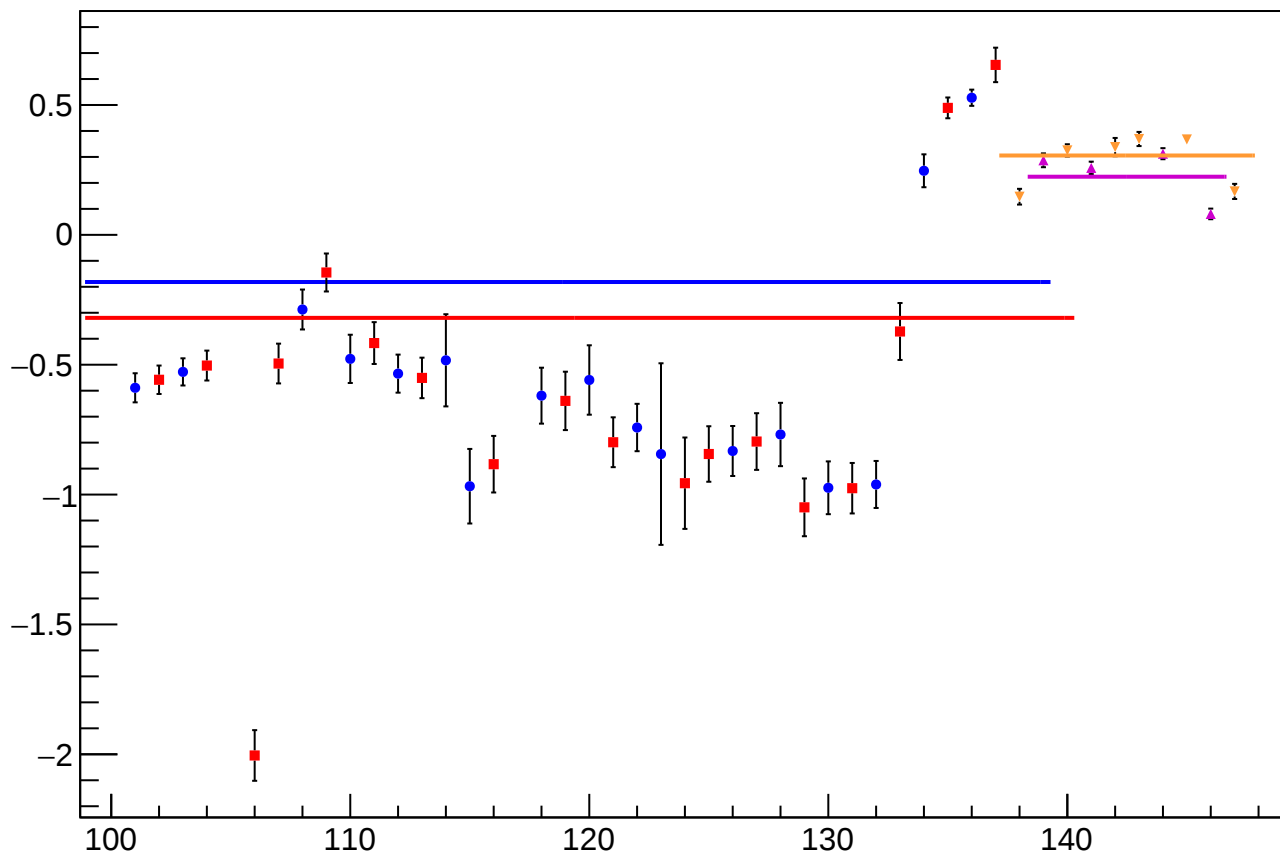
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.289 $\pm$ 0.186 χ^2 /NDF:5358.1/20

Out: 31.110 $\pm$ 0.177 χ^2 /NDF:5440.2/23

All: 31.195 $\pm$ 0.128 χ^2 /NDF: 10798.8/44

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: 0.224 ± 0.011 χ^2/NDF : 74.0/3

Left: 0.268 ± 0.008 χ^2/NDF : 170.9/9

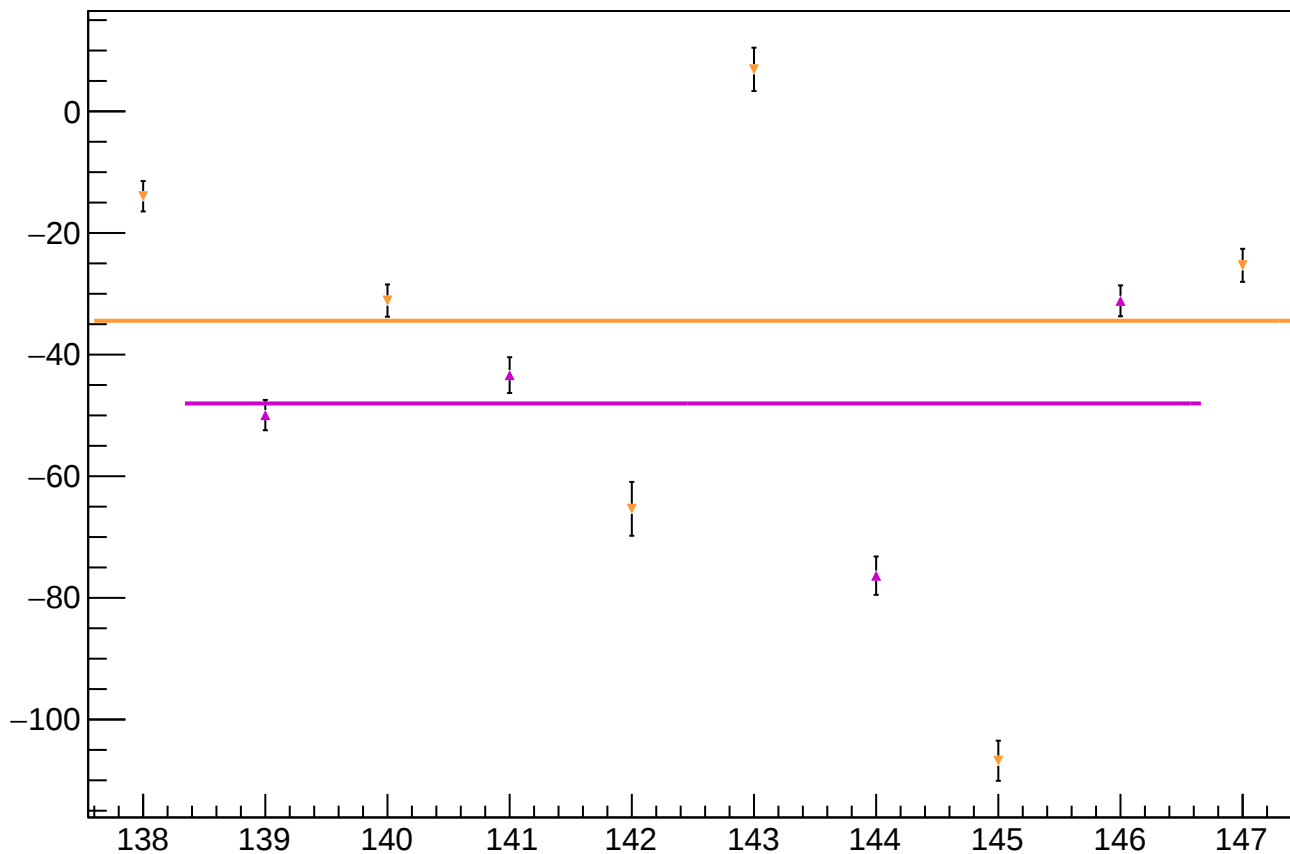
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.106 ± 0.010 χ^2/NDF : 1441.1/20

Out: 0.152 ± 0.009 χ^2/NDF : 2135.4/23

All: 0.130 ± 0.007 χ^2/NDF : 3588.9/44

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: -48.031+/-1.371 χ^2/NDF :128.0/3

Left: -40.506+/-0.916 χ^2/NDF : 927.4/9

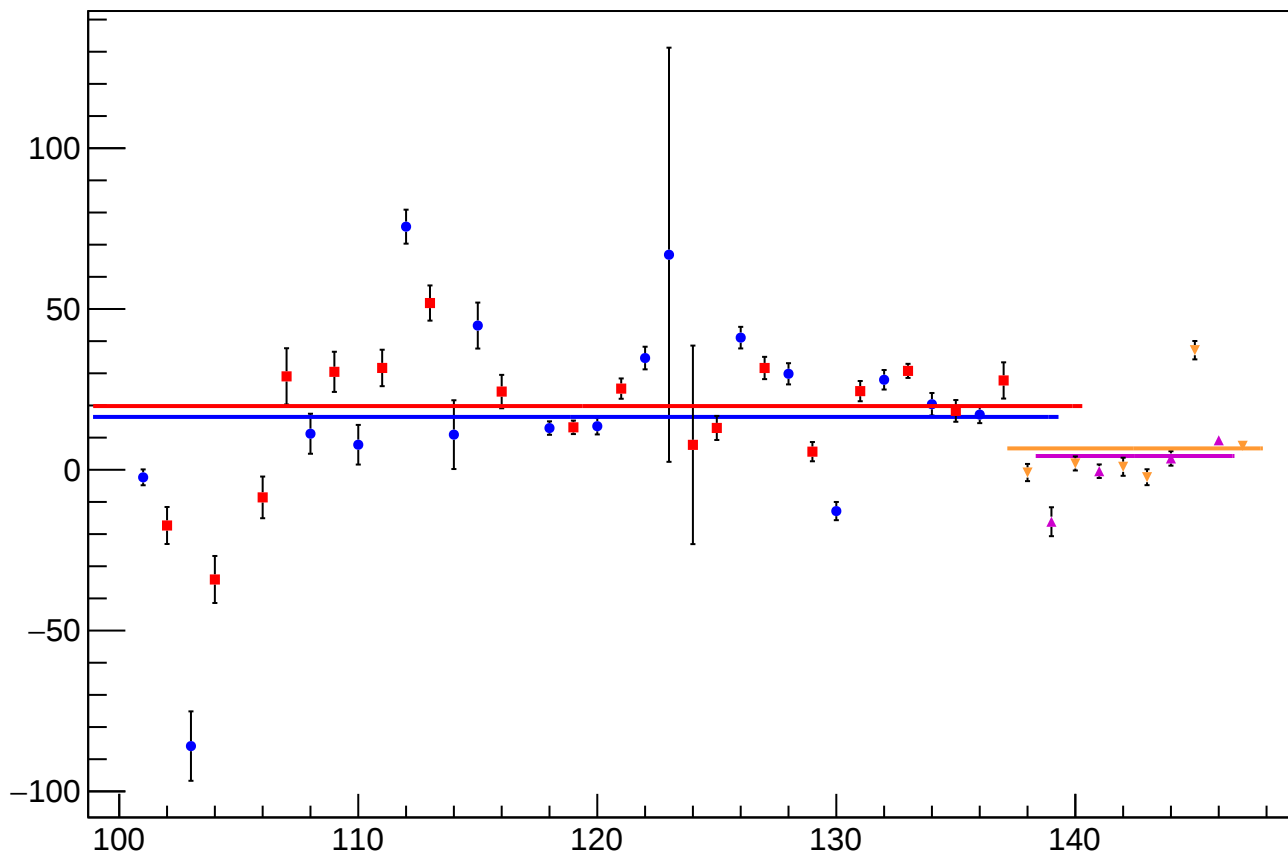
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.031+/-1.371 χ^2/NDF :128.0/3

Out: -34.431+/-1.231 χ^2/NDF :745.0/5

All: -40.506+/-0.916 χ^2/NDF : 927.4/9

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 6.649 ± 0.857 $\chi^2/\text{NDF}: 144.3/5$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 4.283 ± 1.038 $\chi^2/\text{NDF}: 36.6/3$

Left: 5.690 ± 0.661 $\chi^2/\text{NDF}: 184.0/9$

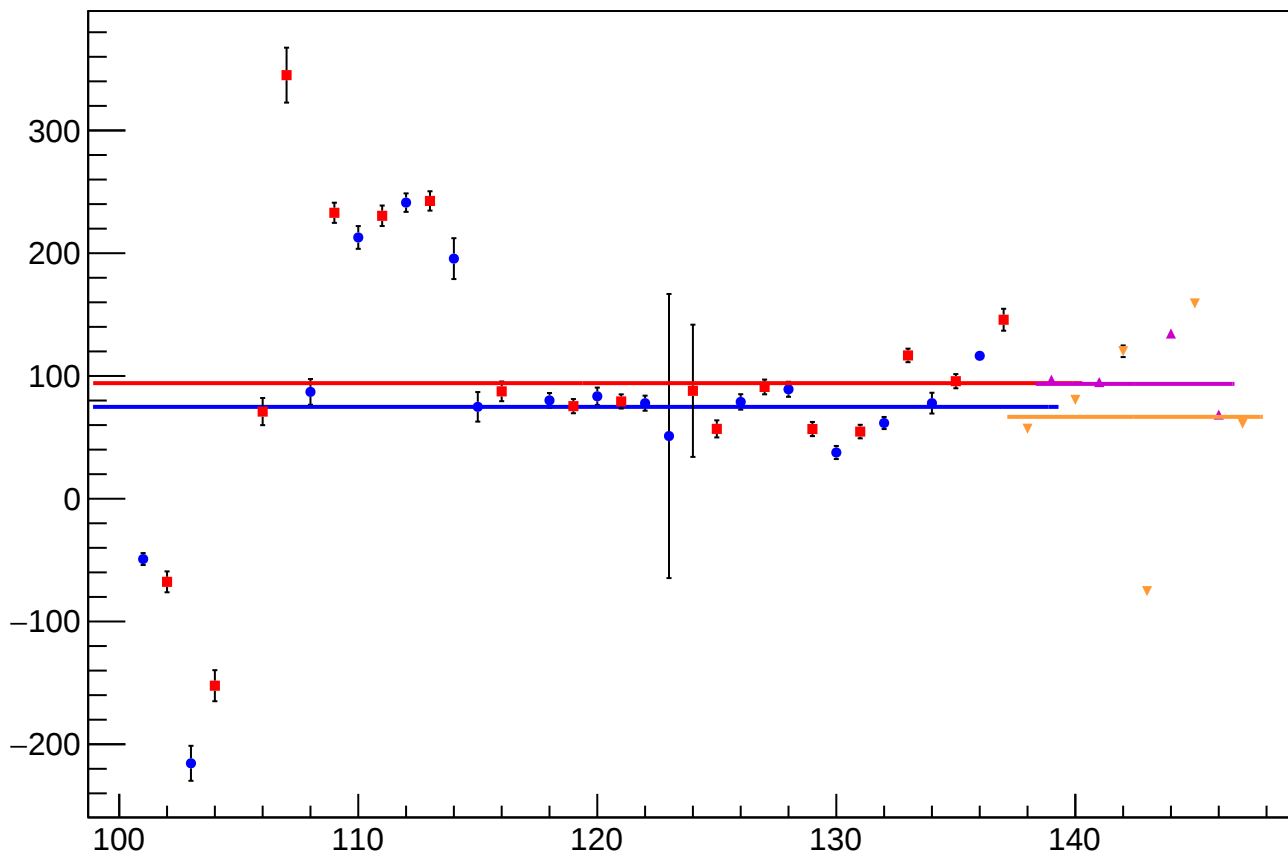
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 11.570 ± 0.657 $\chi^2/\text{NDF}: 635.8/20$

Out: 12.916 ± 0.620 $\chi^2/\text{NDF}: 495.1/23$

All: 12.282 ± 0.451 $\chi^2/\text{NDF}: 1133.1/44$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 χ^2/NDF : 1996.8/16

Left Out: 66.702 ± 1.274 χ^2/NDF : 2290.9/5

Right Out: 94.153 ± 1.720 χ^2/NDF : 1969.2/17

Left In: 93.546 ± 1.418 χ^2/NDF : 256.0/3

Left: 78.694 ± 0.948 χ^2/NDF : 2745.1/9

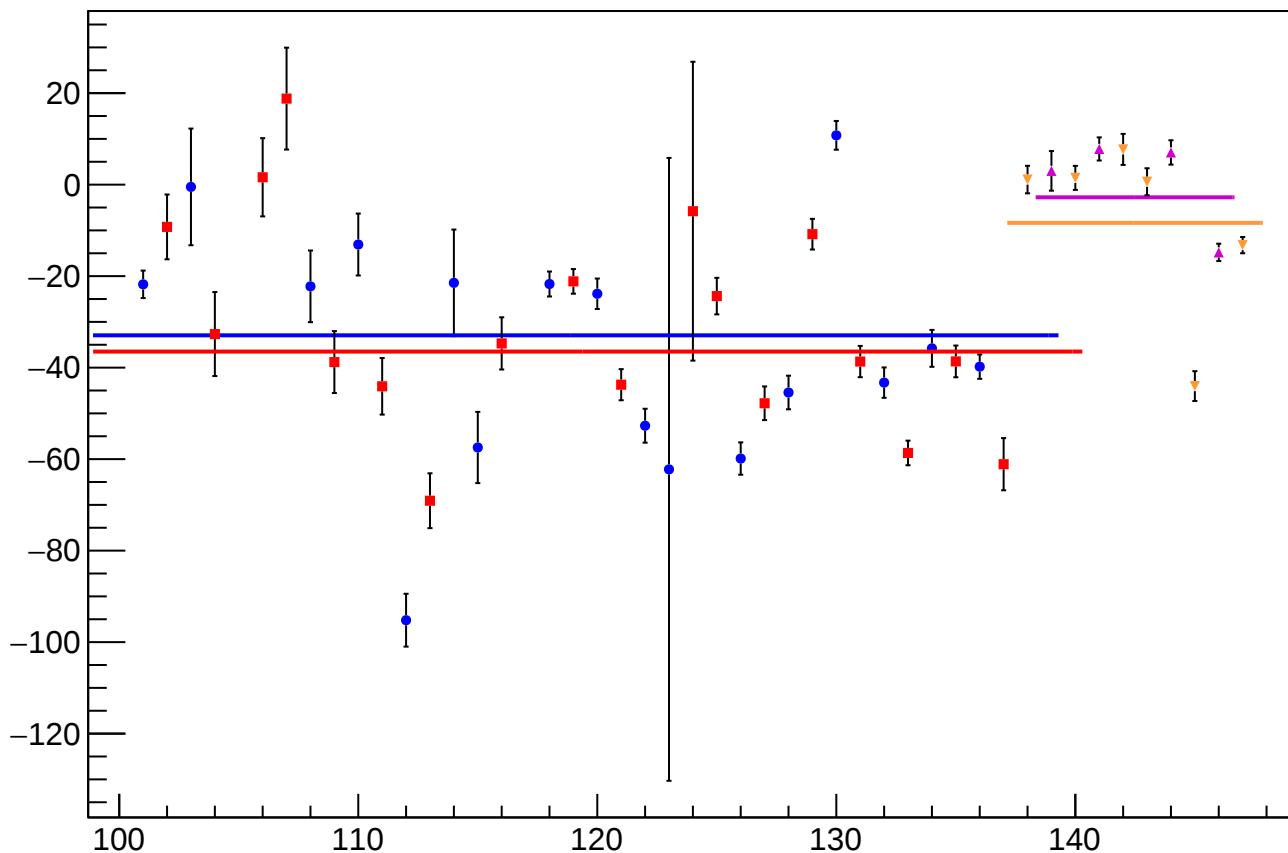
Right: 84.020 ± 1.186 χ^2/NDF : 4032.2/34

In: 85.528 ± 1.072 χ^2/NDF : 2327.5/20

Out: 76.431 ± 1.024 χ^2/NDF : 4424.5/23

All: 80.770 ± 0.741 χ^2/NDF : 6789.6/44

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -8.350 ± 1.074 χ^2/NDF : 182.8/5

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -2.769 ± 1.262 χ^2/NDF : 73.0/3

Left: -6.006 ± 0.818 χ^2/NDF : 267.2/9

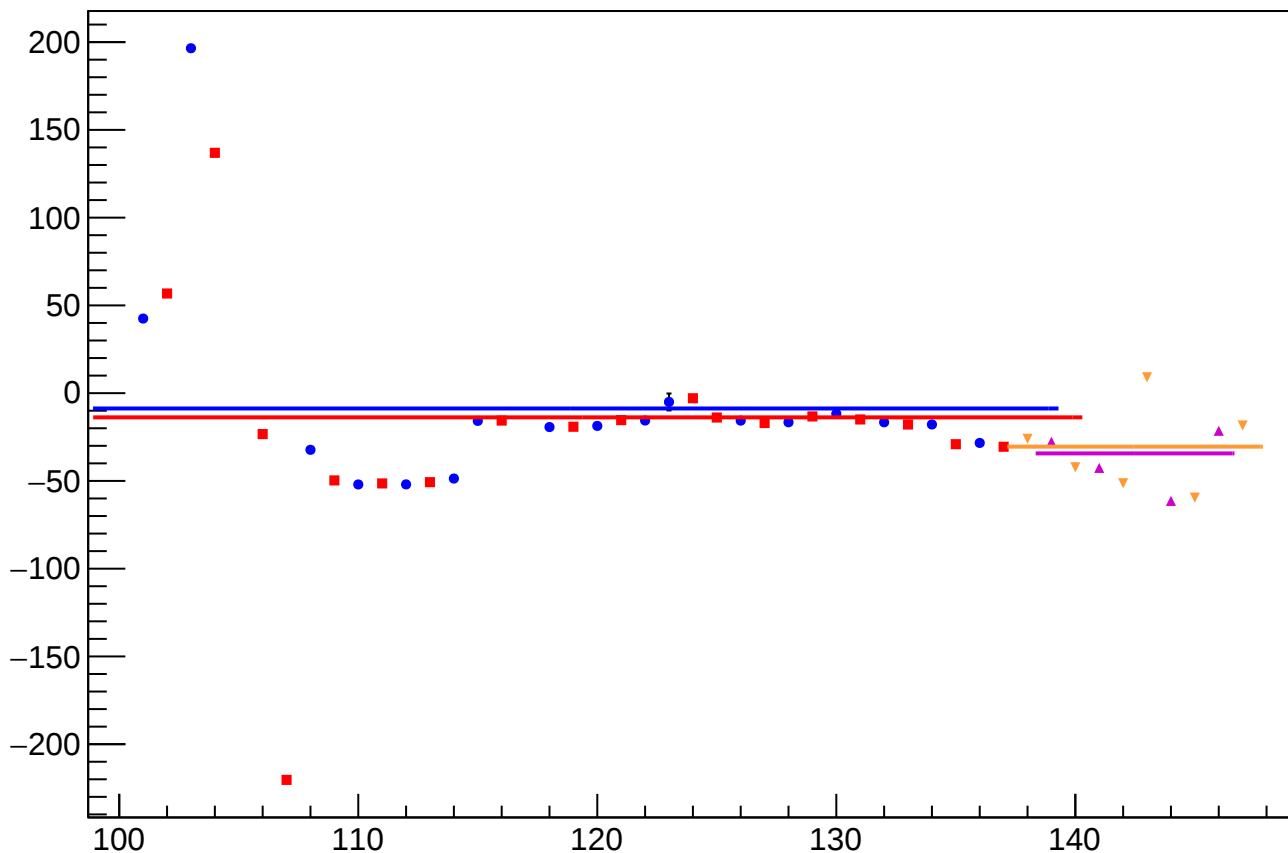
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -21.680 ± 0.771 χ^2/NDF : 922.2/20

Out: -23.046 ± 0.742 χ^2/NDF : 834.8/23

All: -22.389 ± 0.535 χ^2/NDF : 1758.7/44

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -30.470 ± 0.053 $\chi^2/\text{NDF}: 146357.5/5$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -34.320 ± 0.058 $\chi^2/\text{NDF}: 55910.5/3$

Left: -32.239 ± 0.039 $\chi^2/\text{NDF}: 204664.2/9$

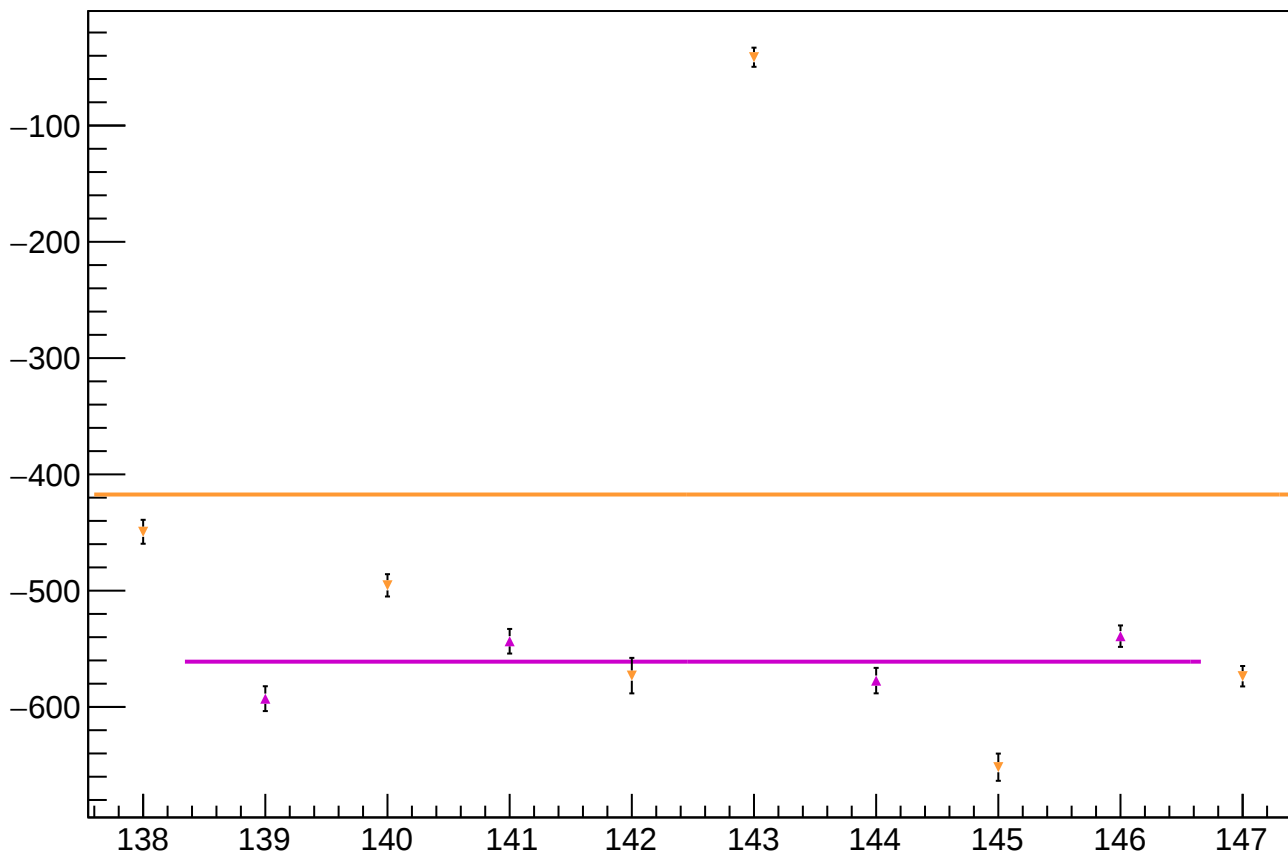
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -21.751 ± 0.041 $\chi^2/\text{NDF}: 727983.9/20$

Out: -23.395 ± 0.040 $\chi^2/\text{NDF}: 737257.2/23$

All: -22.589 ± 0.029 $\chi^2/\text{NDF}: 1466050.8/44$

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: -561.059+/-5.143 χ^2/NDF :19.5/3

Left: -473.074+/-3.204 χ^2/NDF : 3486.3/9

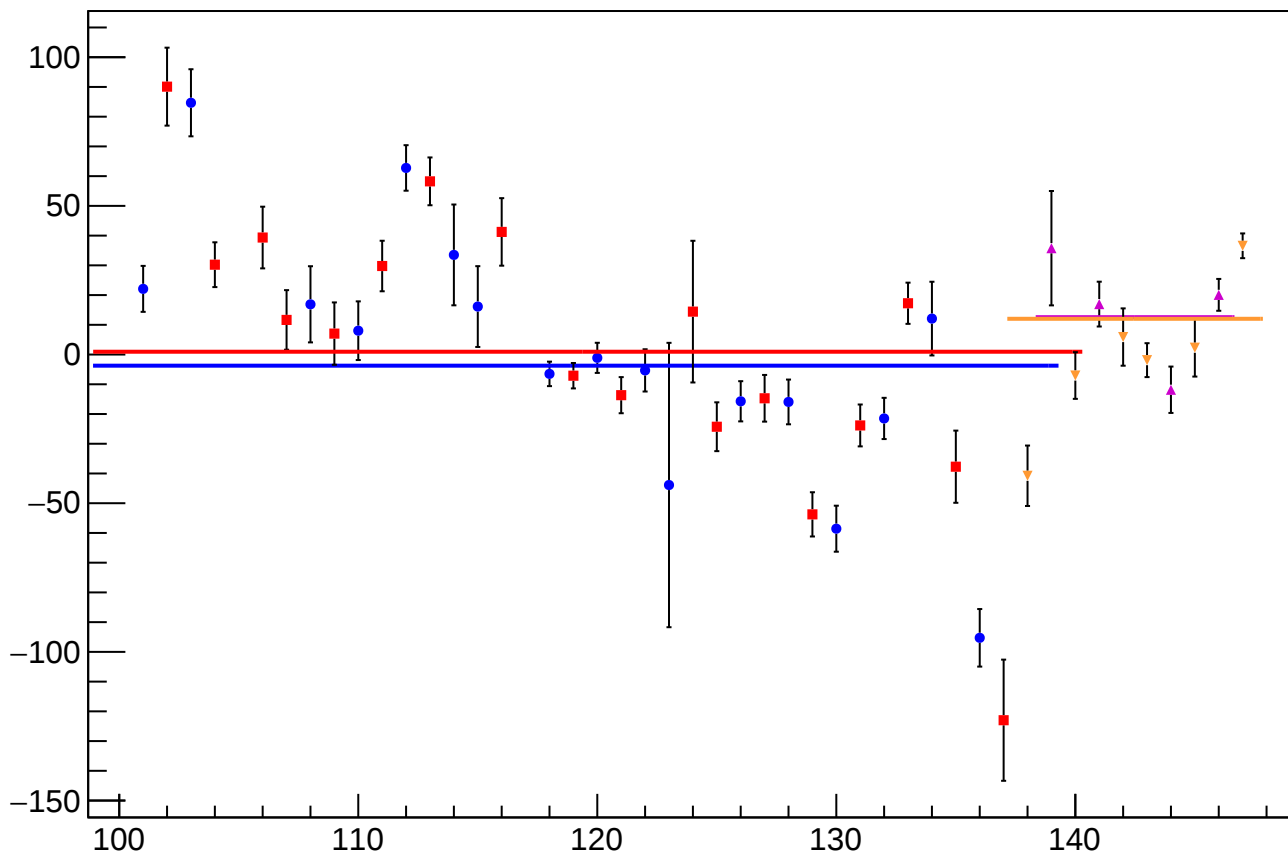
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -561.059+/-5.143 χ^2/NDF :19.5/3

Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

All: -473.074+/-3.204 χ^2/NDF : 3486.3/9

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 $\chi^2/\text{NDF}: 314.1/16$

Left Out: 12.025 ± 2.714 $\chi^2/\text{NDF}: 75.0/5$

Right Out: 0.948 ± 1.918 $\chi^2/\text{NDF}: 293.7/17$

Left In: 12.571 ± 3.737 $\chi^2/\text{NDF}: 13.6/3$

Left: 12.214 ± 2.196 $\chi^2/\text{NDF}: 88.6/9$

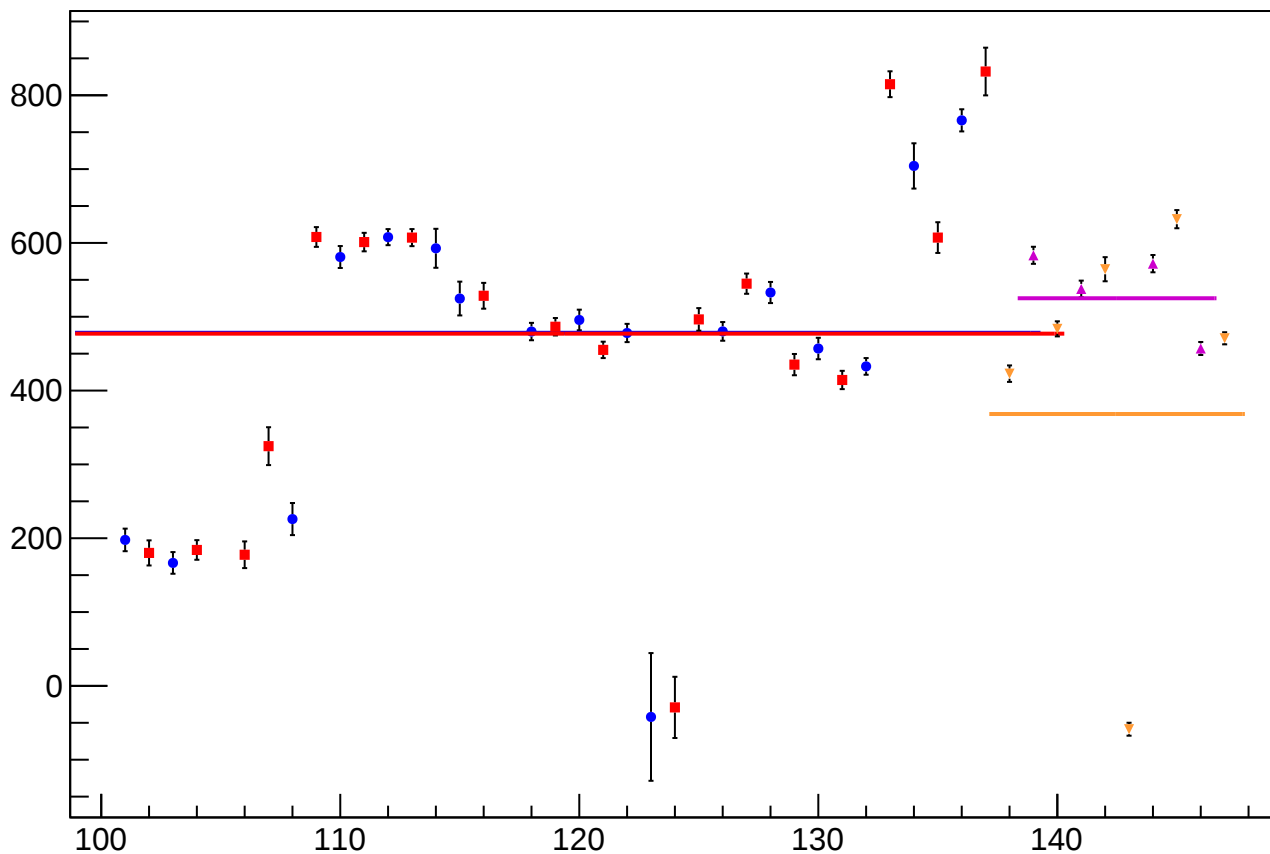
Right: -1.430 ± 1.347 $\chi^2/\text{NDF}: 610.8/34$

In: -0.415 ± 1.688 $\chi^2/\text{NDF}: 342.8/20$

Out: 4.638 ± 1.566 $\chi^2/\text{NDF}: 379.8/23$

All: 2.300 ± 1.148 $\chi^2/\text{NDF}: 727.5/44$

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: 525.049+/-5.304 χ^2/NDF : 102.2/3

Left: 429.268+/-3.308 χ^2/NDF : 3916.3/9

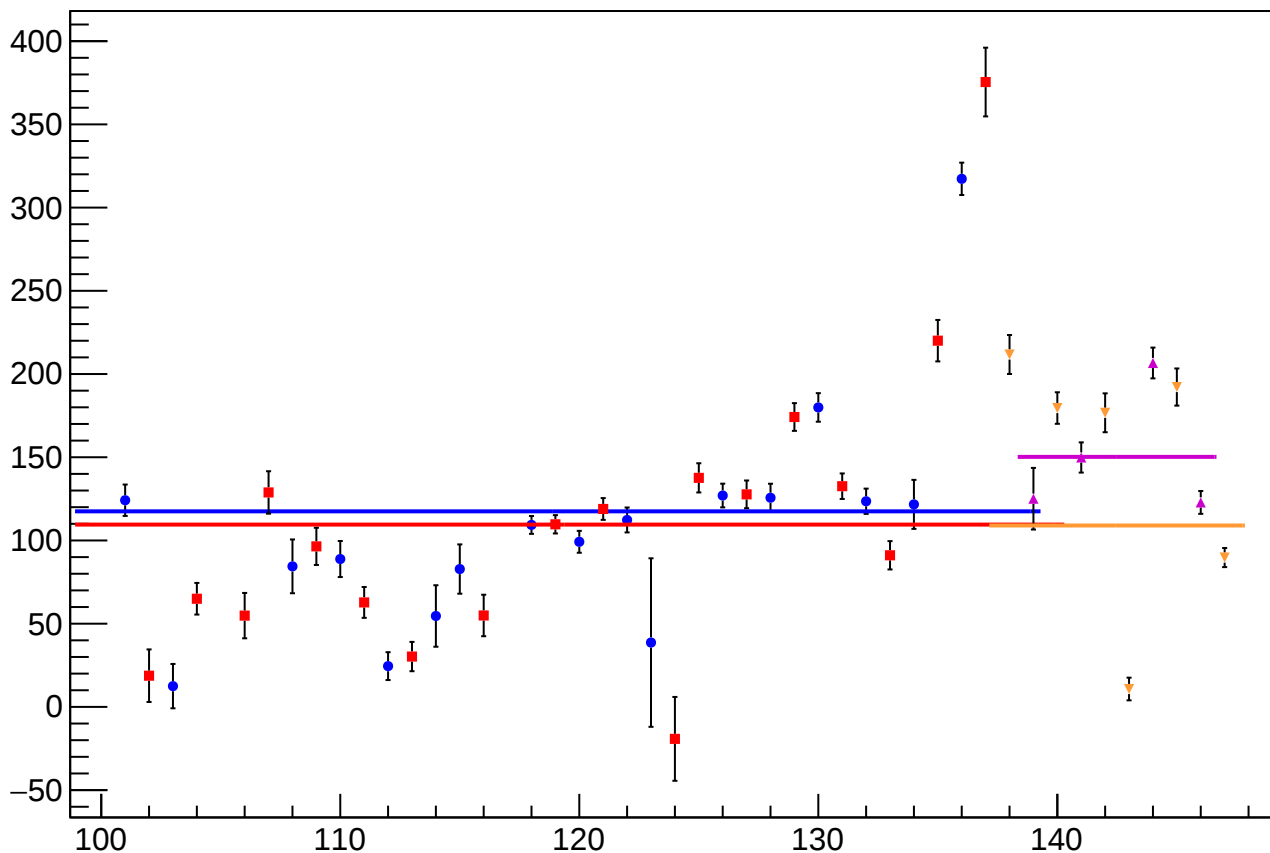
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 493.235+/-3.000 χ^2/NDF : 1783.1/20

Out: 432.285+/-2.716 χ^2/NDF : 5845.0/23

All: 459.739+/-2.013 χ^2/NDF : 7854.9/44

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: 150.224 $\pm$ 4.564 χ^2 /NDF:55.0/3

Left: 123.803 $\pm$ 2.735 χ^2 /NDF: 548.0/9

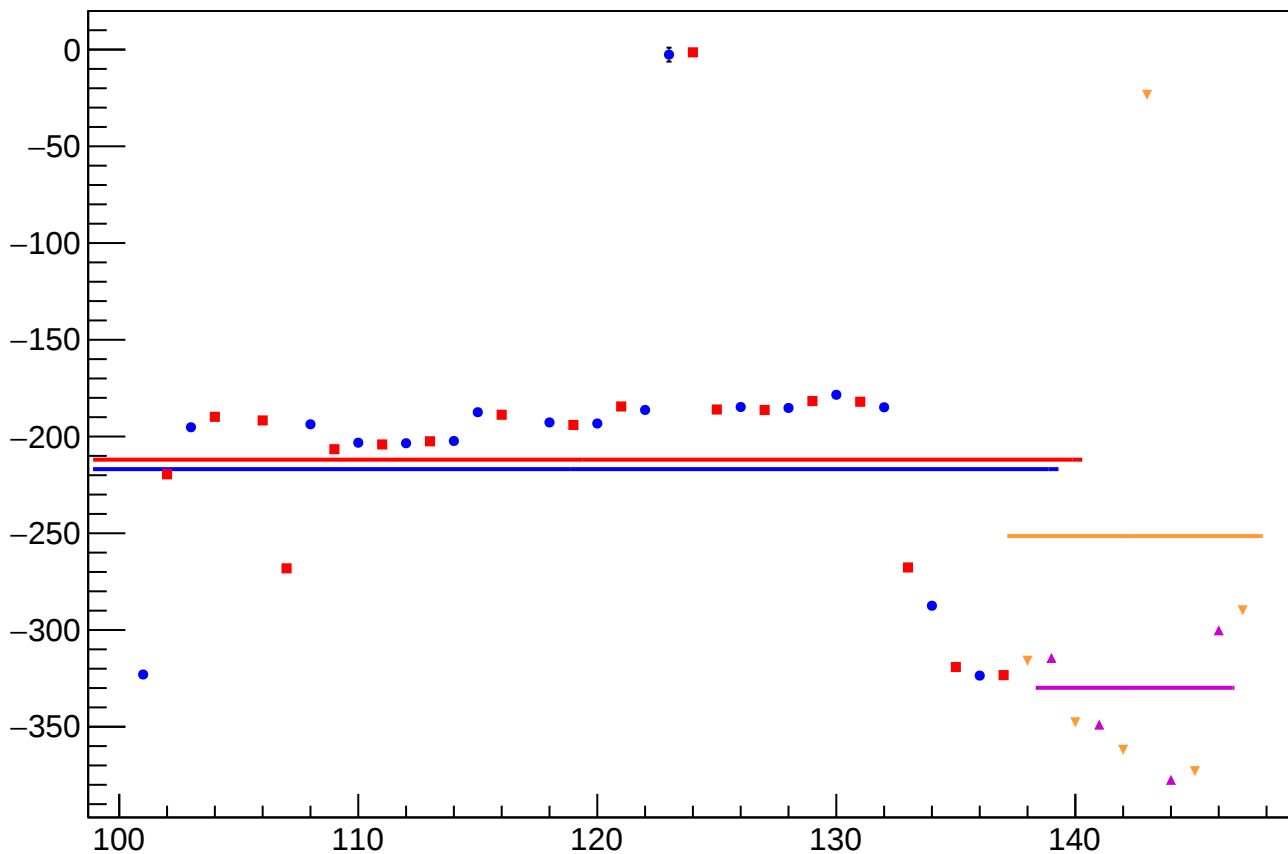
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 123.660 $\pm$ 1.980 χ^2 /NDF:802.6/20

Out: 109.378 $\pm$ 1.855 χ^2 /NDF:1002.9/23

All: 116.052 $\pm$ 1.354 χ^2 /NDF: 1833.3/44

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: -329.861+/-0.220 χ^2/NDF : 17133.5/3

Left: -282.599+/-0.139 χ^2/NDF : 681289.7/9

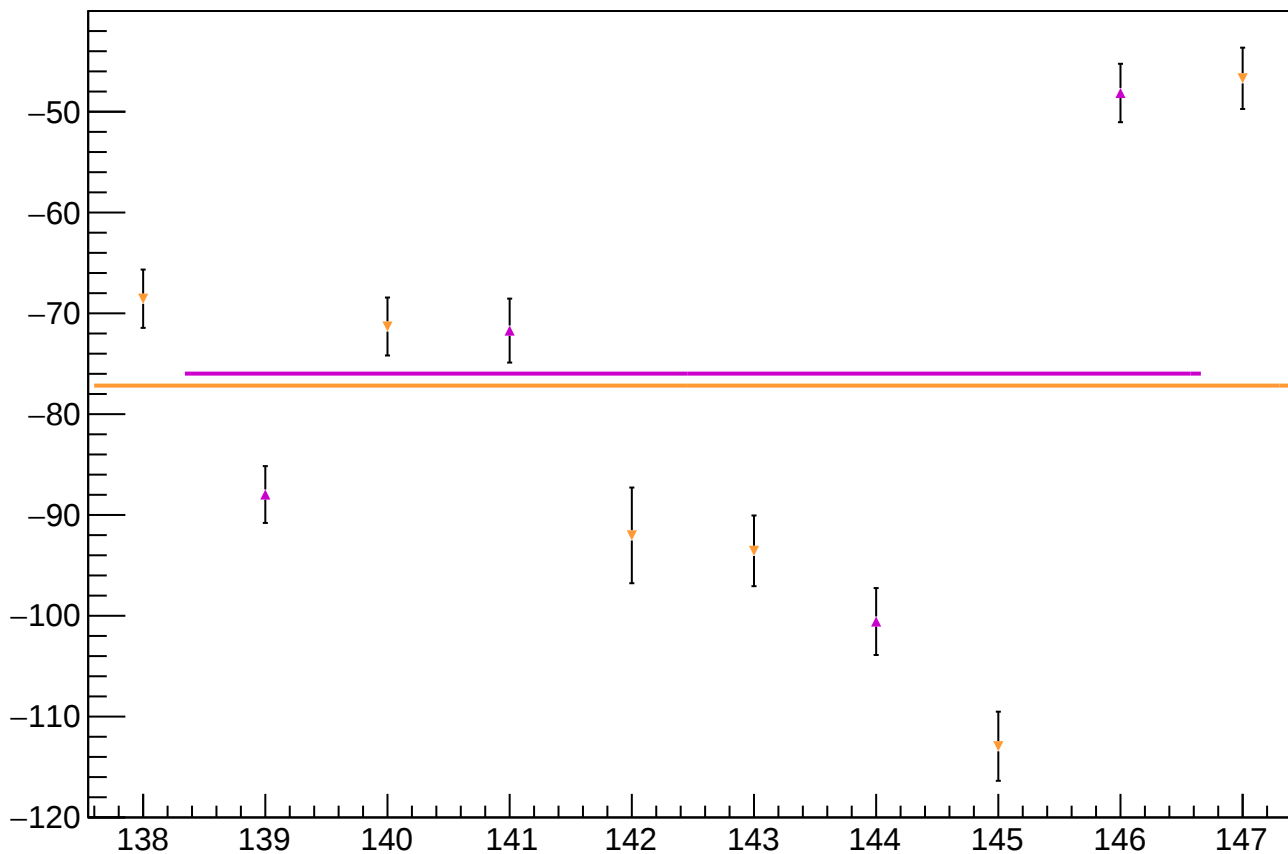
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -248.096+/-0.116 χ^2/NDF : 355331.0/20

Out: -225.746+/-0.105 χ^2/NDF : 731428.4/23

All: -235.897+/-0.078 χ^2/NDF : 1107175.1/44

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: -75.978+/-1.516 χ^2/NDF :167.1/3

Left: -76.647+/-1.003 χ^2/NDF : 421.6/9

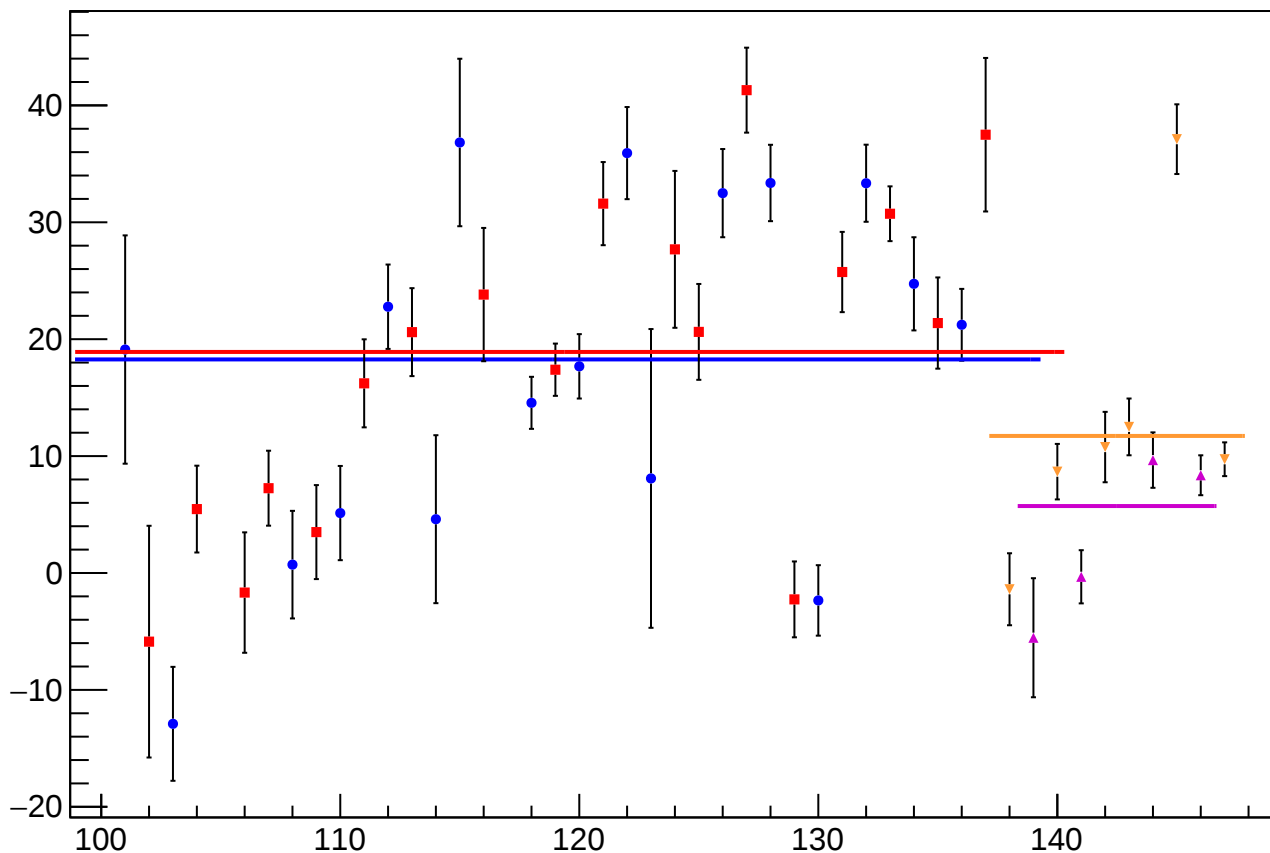
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.978+/-1.516 χ^2/NDF :167.1/3

Out: -77.167+/-1.337 χ^2/NDF :254.1/5

All: -76.647+/-1.003 χ^2/NDF : 421.6/9

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: 5.727 ± 1.152 $\chi^2/\text{NDF}: 17.1/3$

Left: 9.357 ± 0.724 $\chi^2/\text{NDF}: 127.9/9$

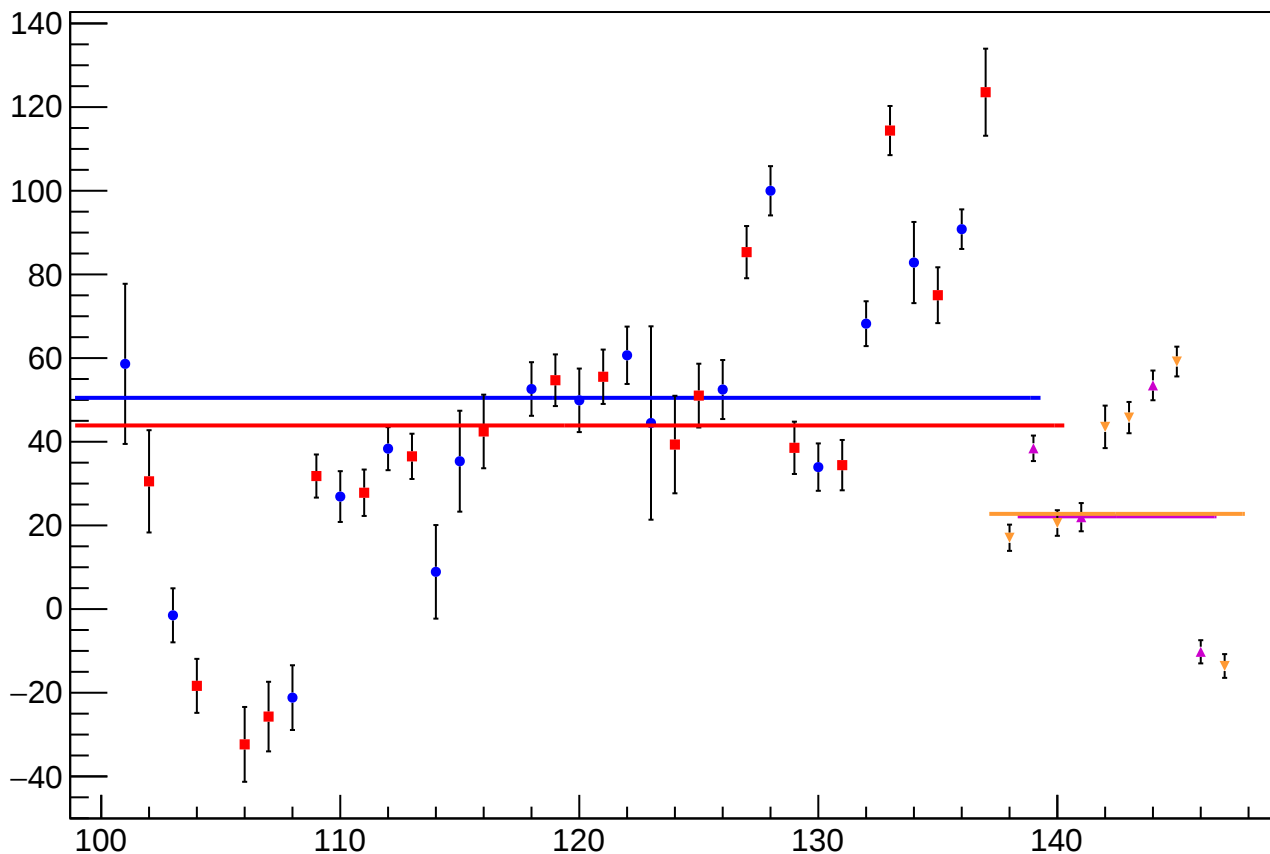
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 13.472 ± 0.713 $\chi^2/\text{NDF}: 298.6/20$

Out: 15.582 ± 0.633 $\chi^2/\text{NDF}: 324.5/23$

All: 14.651 ± 0.473 $\chi^2/\text{NDF}: 628.0/44$

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: 22.171 $\pm$ 1.572 χ^2 /NDF:242.6/3

Left: 22.502 $\pm$ 1.039 χ^2 /NDF: 569.8/9

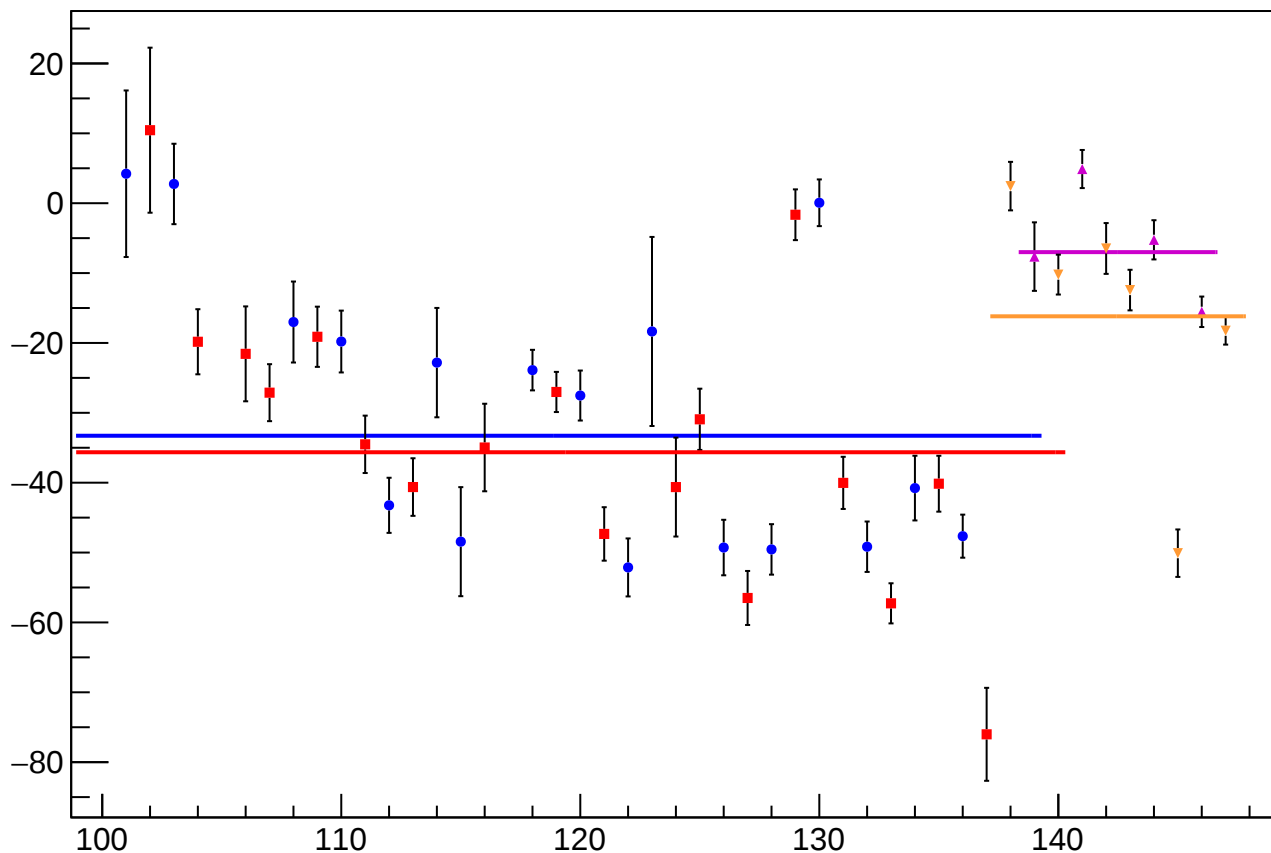
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 35.468 $\pm$ 1.145 χ^2 /NDF:758.3/20

Out: 31.787 $\pm$ 1.048 χ^2 /NDF:958.3/23

All: 33.465 $\pm$ 0.773 χ^2 /NDF: 1722.1/44

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.187 ± 1.163 χ^2/NDF : 142.7/5

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -7.002 ± 1.396 χ^2/NDF : 34.8/3

Left: -12.425 ± 0.893 χ^2/NDF : 203.0/9

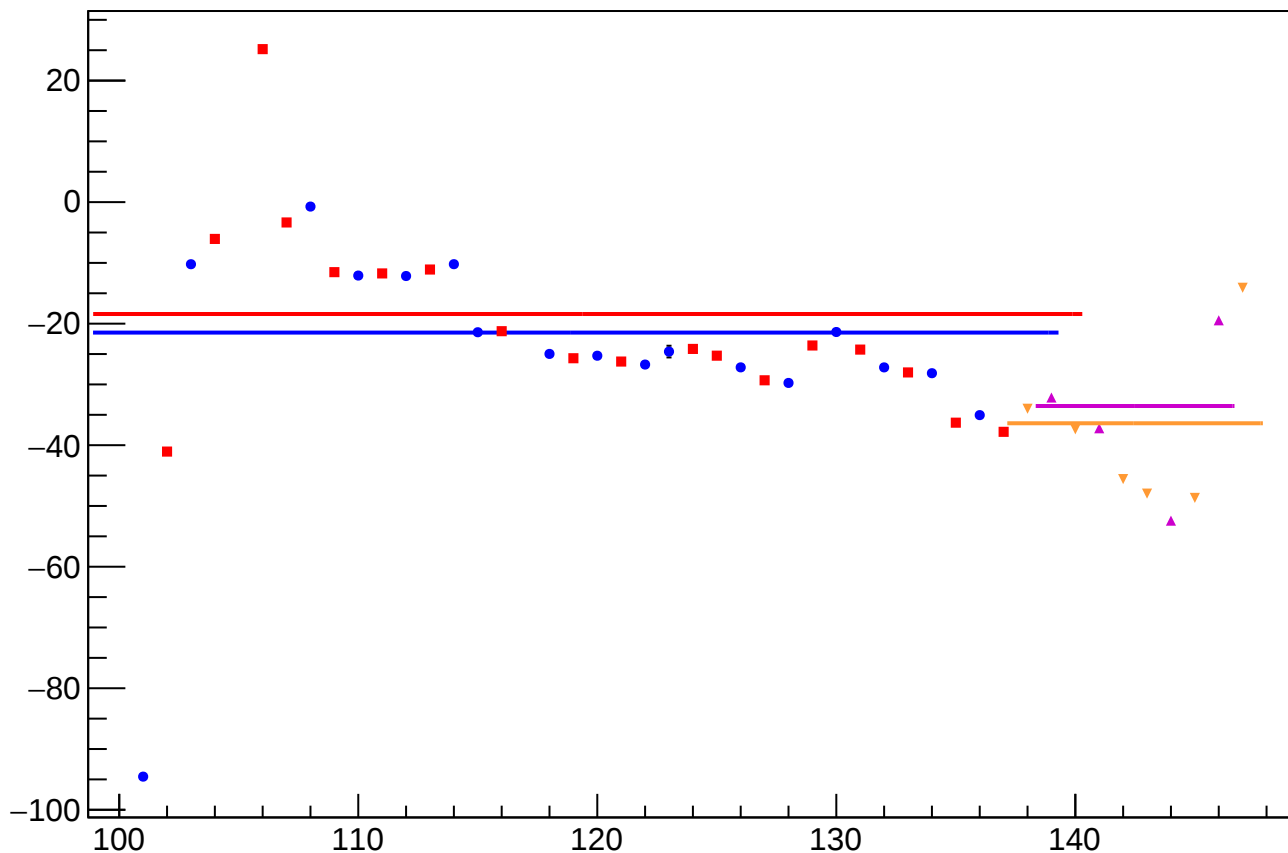
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -23.960 ± 0.831 χ^2/NDF : 556.4/20

Out: -27.440 ± 0.755 χ^2/NDF : 589.2/23

All: -25.867 ± 0.559 χ^2/NDF : 1155.3/44

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: -33.551+/-0.064 χ^2/NDF : 27778.8/3

Left: -35.117+/-0.043 χ^2/NDF : 72823.2/9

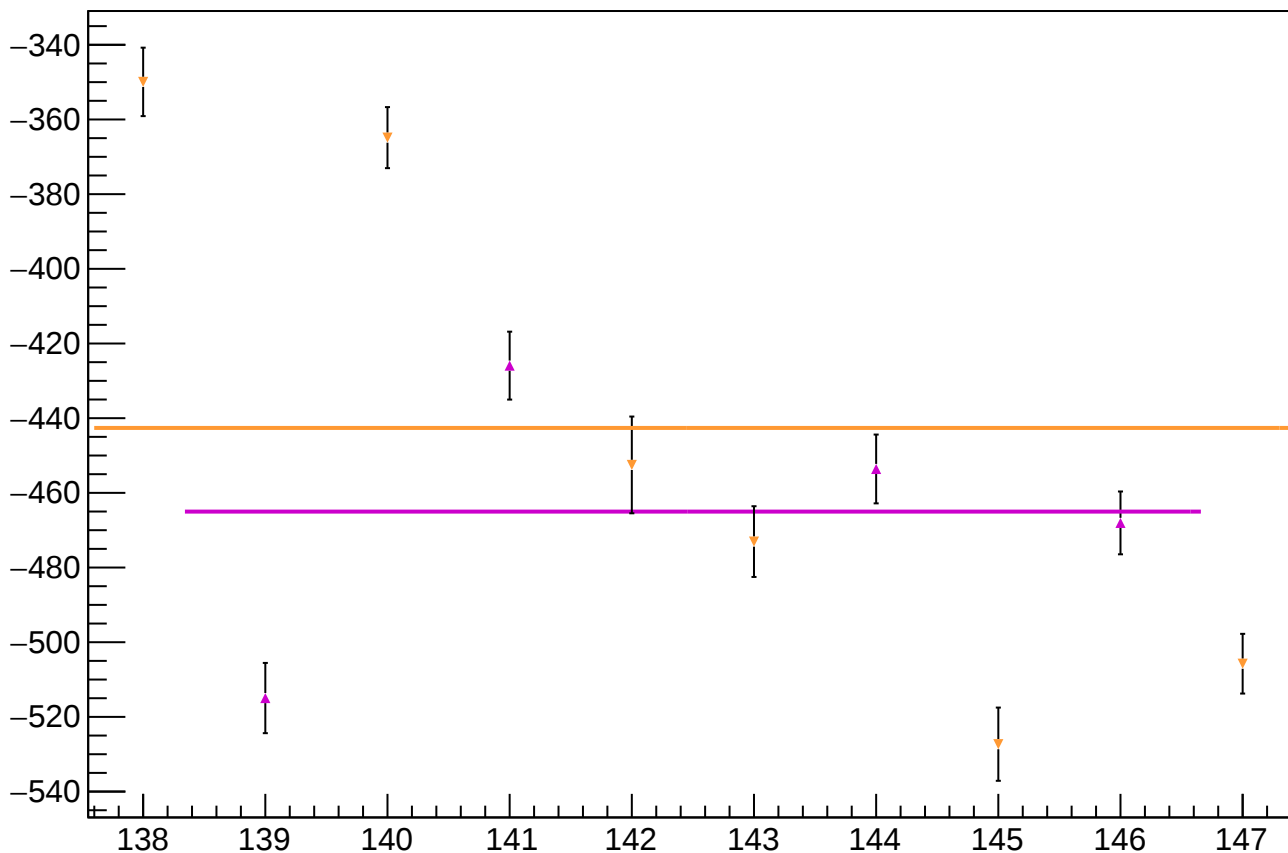
Right: -19.904+/-0.041 χ^2/NDF : 127953.4/34

In: -26.980+/-0.043 χ^2/NDF : 96057.3/20

Out: -27.323+/-0.041 χ^2/NDF : 170217.0/23

All: -27.162+/-0.030 χ^2/NDF : 266307.4/44

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: -465.018+/-4.504 χ^2/NDF :48.3/3

Left: -451.870+/-2.895 χ^2/NDF : 403.4/9

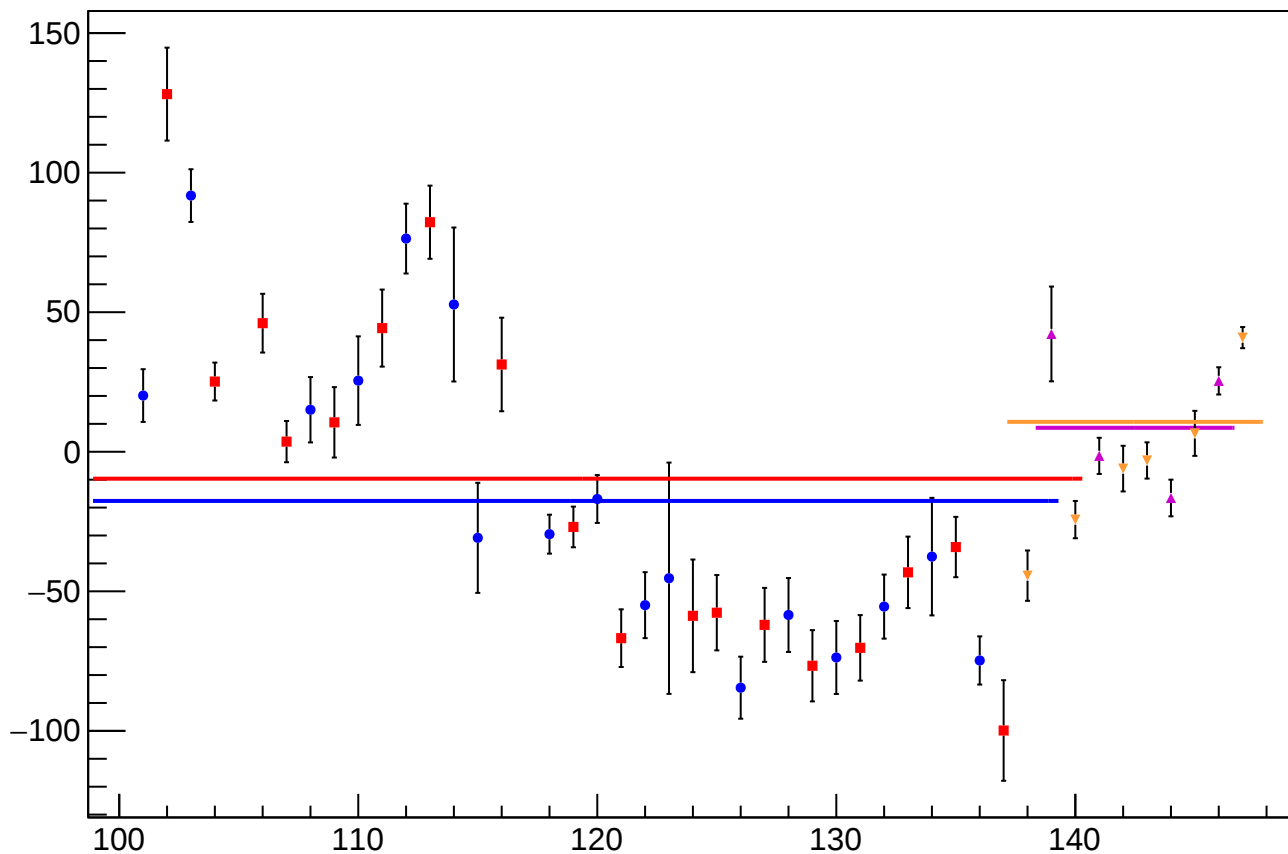
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -465.018+/-4.504 χ^2/NDF :48.3/3

Out: -442.611+/-3.779 χ^2/NDF :340.6/5

All: -451.870+/-2.895 χ^2/NDF : 403.4/9

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: 8.589 ± 3.288 $\chi^2/\text{NDF}: 32.9/3$

Left: 9.930 ± 1.997 $\chi^2/\text{NDF}: 170.4/9$

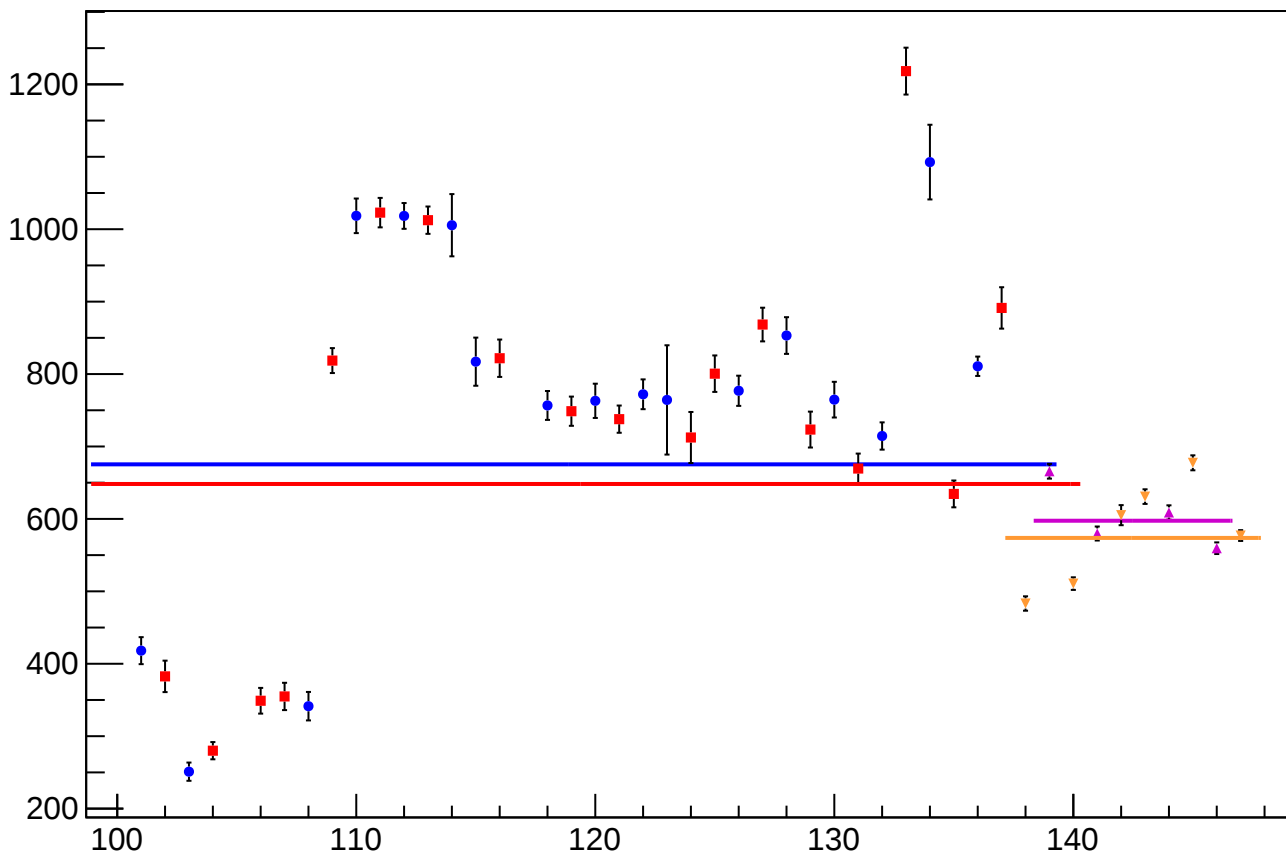
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -6.666 ± 2.126 $\chi^2/\text{NDF}: 431.9/20$

Out: 0.933 ± 1.811 $\chi^2/\text{NDF}: 529.5/23$

All: -2.263 ± 1.379 $\chi^2/\text{NDF}: 968.7/44$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 573.754 ± 3.904 χ^2/NDF : 273.3/5

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 597.484 ± 4.656 χ^2/NDF : 72.0/3

Left: 583.549 ± 2.992 χ^2/NDF : 360.6/9

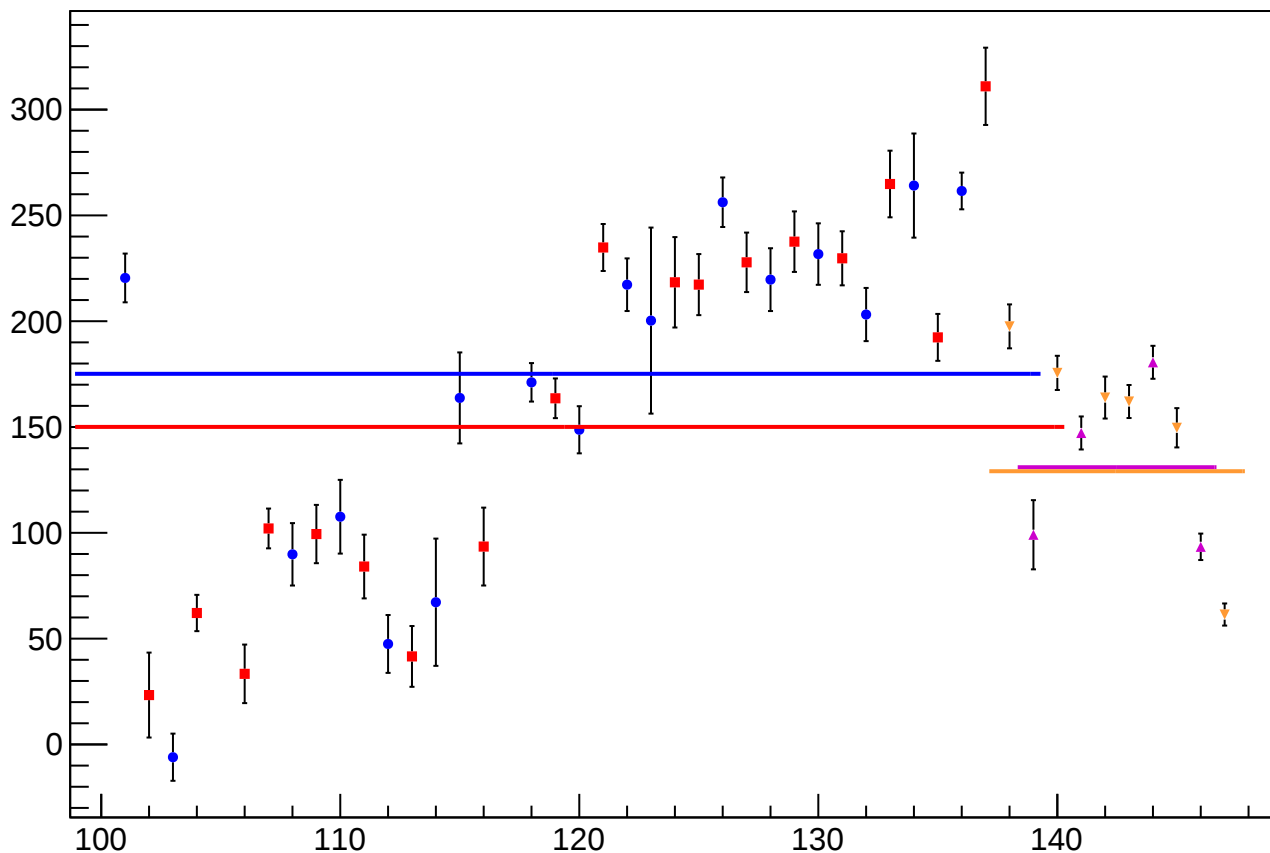
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 633.292 ± 3.422 χ^2/NDF : 2783.3/20

Out: 603.593 ± 3.022 χ^2/NDF : 3478.1/23

All: 616.608 ± 2.265 χ^2/NDF : 6303.7/44

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: 130.998 $\pm$ 4.008 χ^2 /NDF:84.9/3

Left: 129.838 $\pm$ 2.487 χ^2 /NDF: 364.5/9

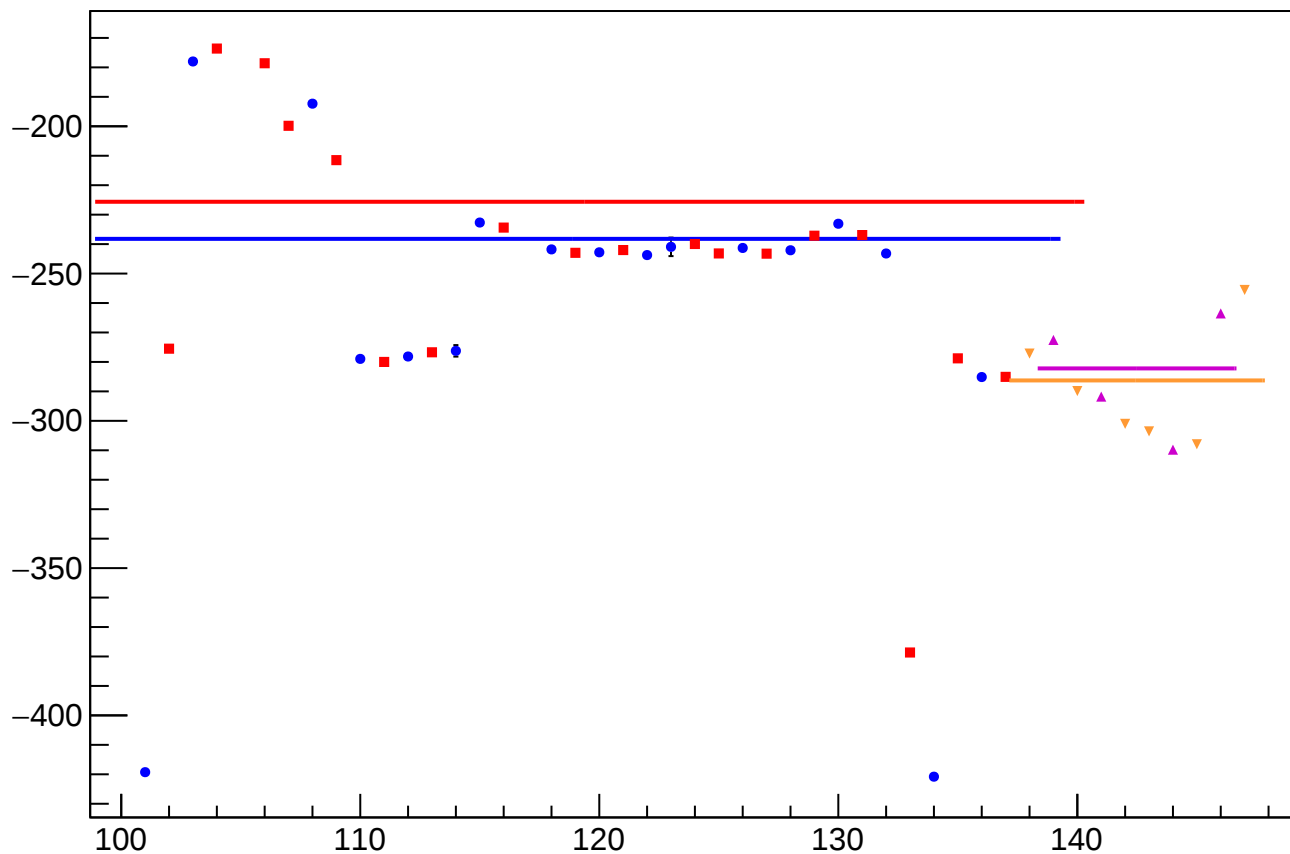
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 157.894 $\pm$ 2.505 χ^2 /NDF:794.4/20

Out: 140.008 $\pm$ 2.197 χ^2 /NDF:988.4/23

All: 147.783 $\pm$ 1.652 χ^2 /NDF: 1811.6/44

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: -282.202+/-0.193 χ^2/NDF :7963.3/3

Left: -284.553+/-0.125 χ^2/NDF : 21793.1/9

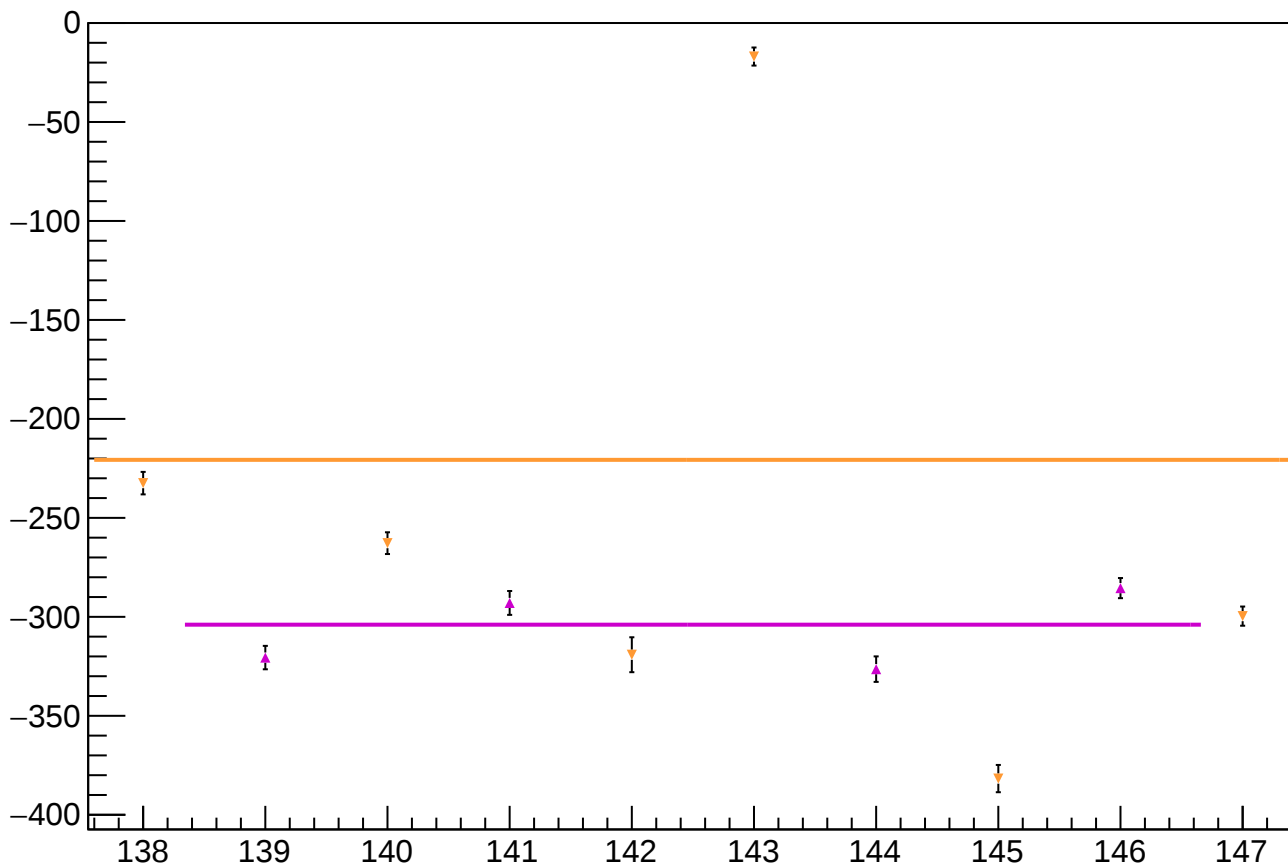
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.172+/-0.123 χ^2/NDF :205887.8/20

Out: -253.339+/-0.112 χ^2/NDF :182201.1/23

All: -254.618+/-0.083 χ^2/NDF : 388379.2/44

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: -303.961+/-2.901 χ^2/NDF :36.6/3

Left: -252.863+/-1.803 χ^2/NDF : 3535.8/9

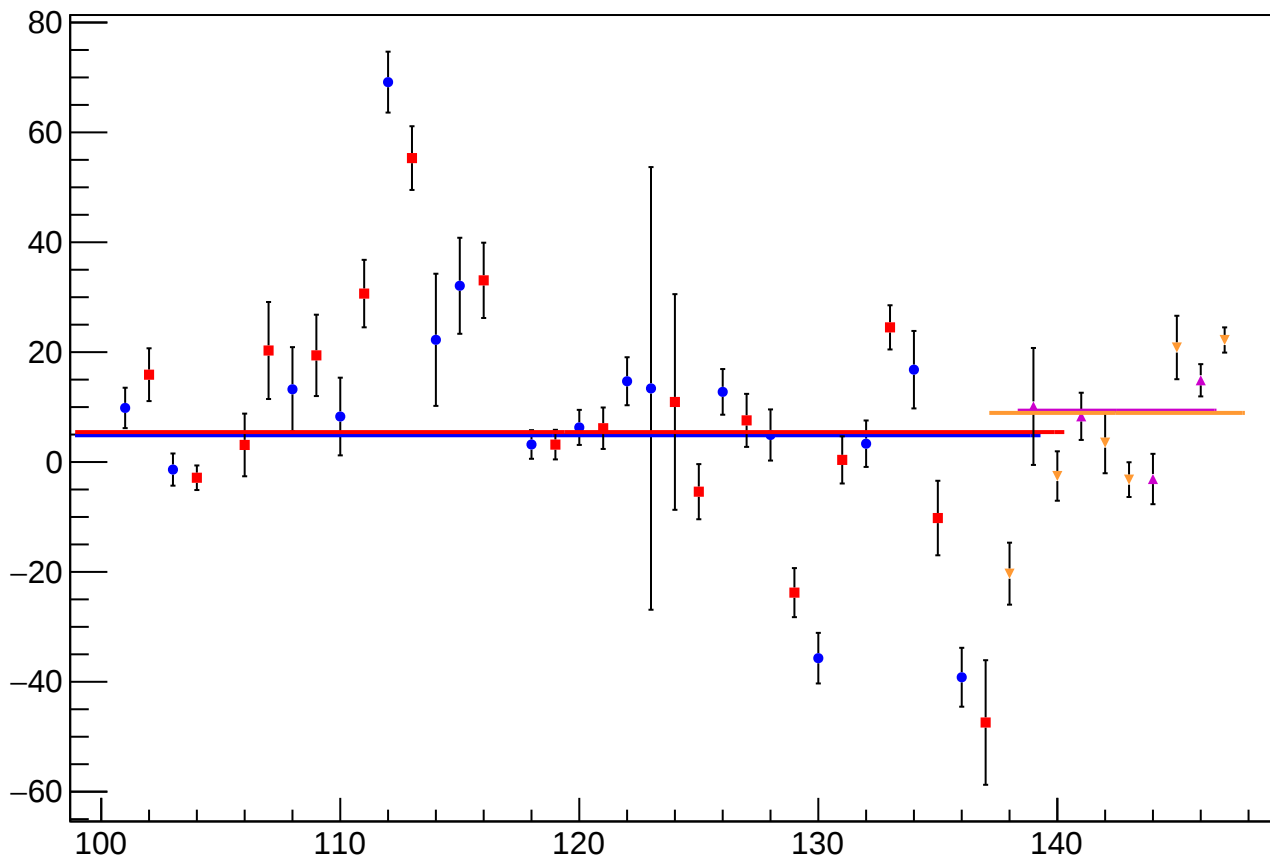
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -303.961+/-2.901 χ^2/NDF :36.6/3

Out: -220.686+/-2.302 χ^2/NDF :2993.6/5

All: -252.863+/-1.803 χ^2/NDF : 3535.8/9

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 8.943 ± 1.520 χ^2/NDF : 86.8/5

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 9.350 ± 2.100 χ^2/NDF : 11.0/3

Left: 9.083 ± 1.231 χ^2/NDF : 97.8/9

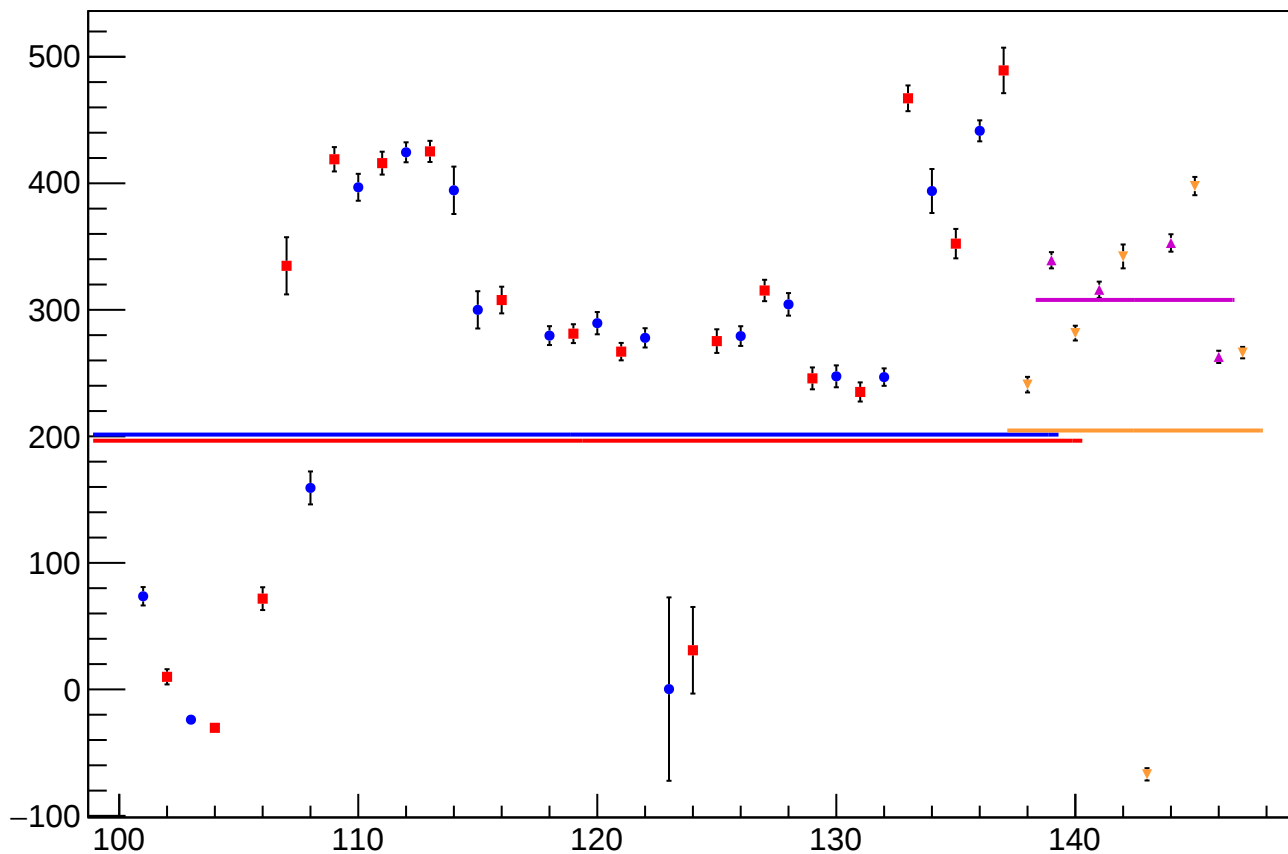
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 5.822 ± 0.968 χ^2/NDF : 326.1/20

Out: 6.609 ± 0.876 χ^2/NDF : 321.9/23

All: 6.255 ± 0.649 χ^2/NDF : 648.4/44

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: 307.840 $\pm$ 2.986 χ^2 /NDF:154.1/3

Left: 244.641 $\pm$ 1.859 χ^2 /NDF: 5324.3/9

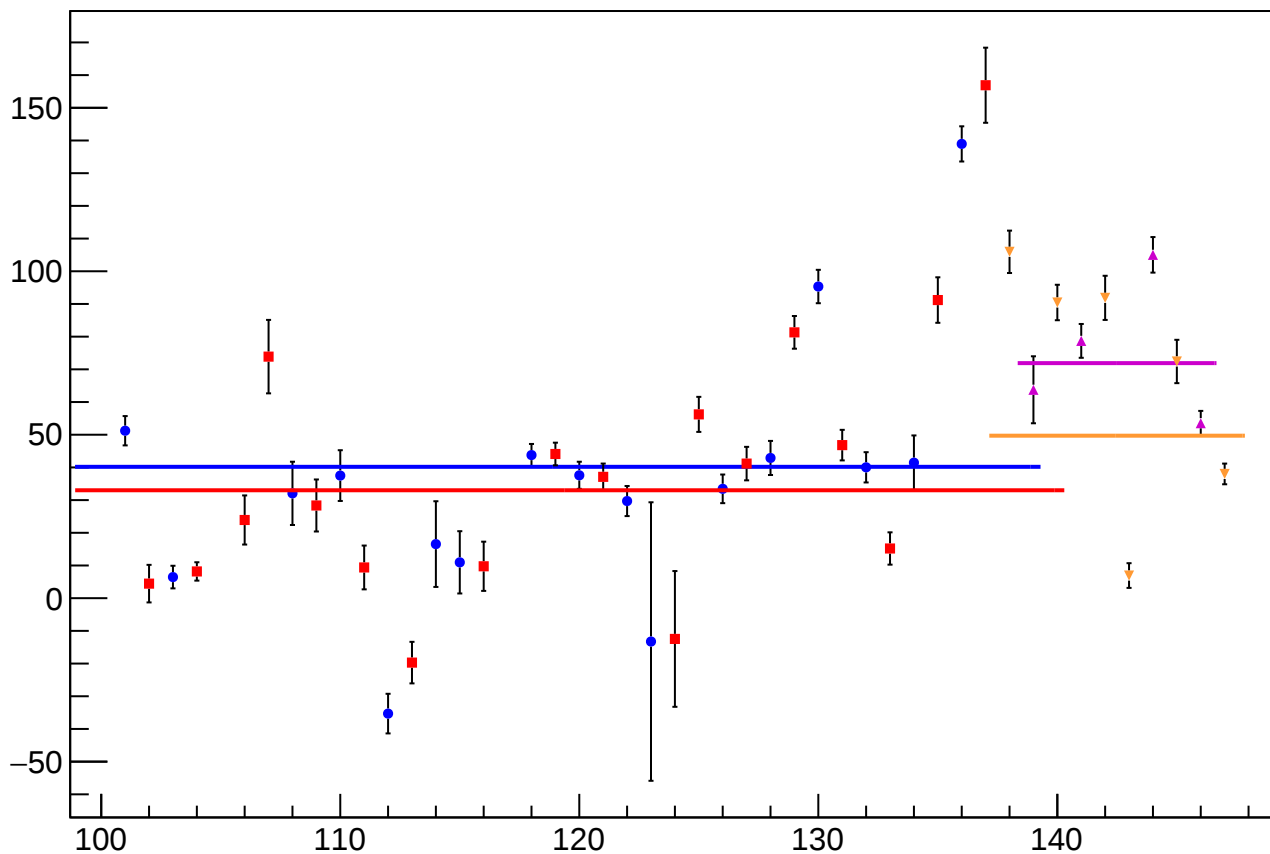
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 233.767 $\pm$ 1.646 χ^2 /NDF:7778.7/20

Out: 199.770 $\pm$ 1.499 χ^2 /NDF:12623.7/23

All: 215.174 $\pm$ 1.108 χ^2 /NDF: 20635.5/44

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2 /NDF: 734.0/16

Left Out: 49.705+/-1.916 χ^2 /NDF:324.2/5

Right Out: 33.009+/-1.253 χ^2 /NDF: 547.2/17

Left In: 71.901+/-2.571 χ^2 /NDF:63.3/3

Left: 57.631+/-1.537 χ^2 /NDF: 435.4/9

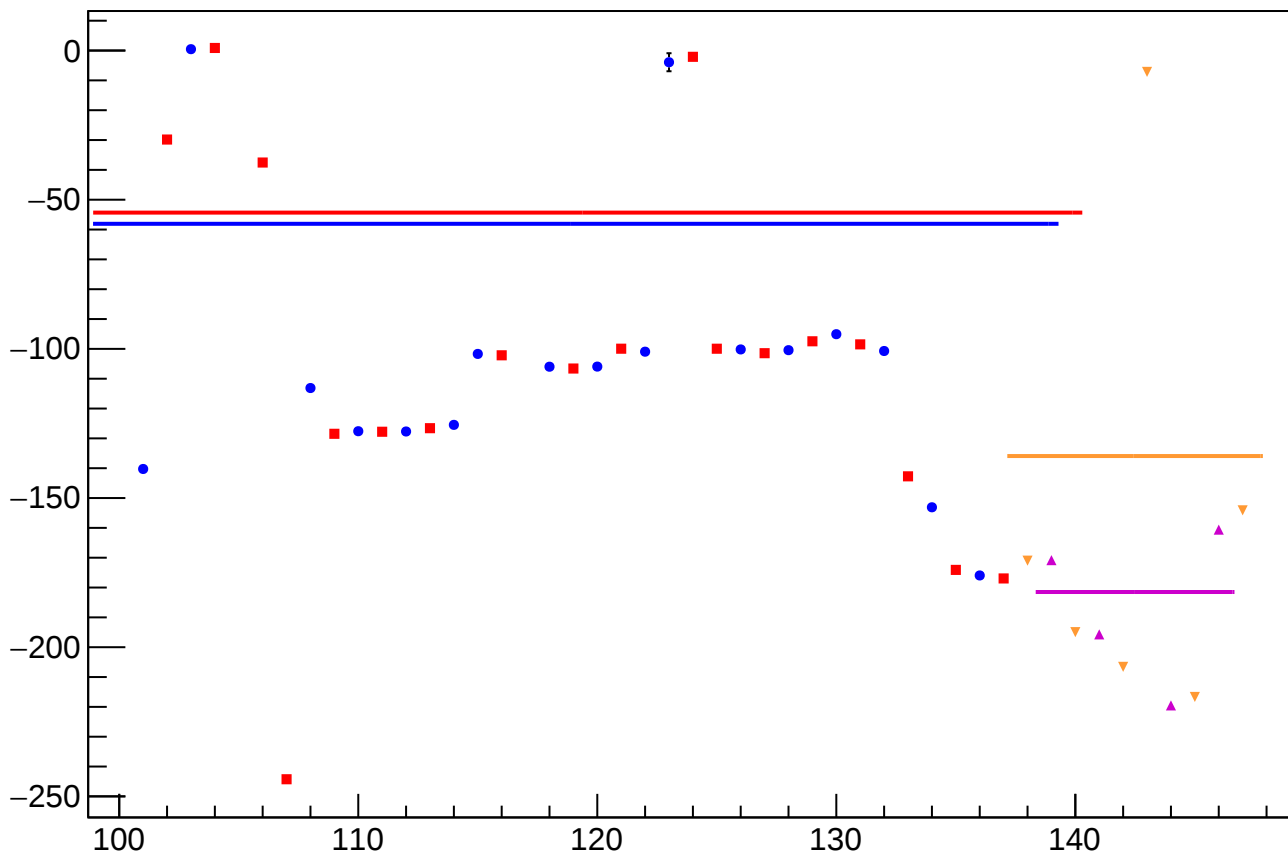
Right: 36.547+/-0.892 χ^2 /NDF: 1297.4/34

In: 46.402+/-1.139 χ^2 /NDF:919.6/20

Out: 38.008+/-1.049 χ^2 /NDF:924.5/23

All: 41.860+/-0.771 χ^2 /NDF: 1873.5/44

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -135.923 ± 0.100 $\chi^2/\text{NDF}: 630569.1/5$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -181.496 ± 0.124 $\chi^2/\text{NDF}: 29831.3/3$

Left: -154.001 ± 0.078 $\chi^2/\text{NDF}: 742413.1/9$

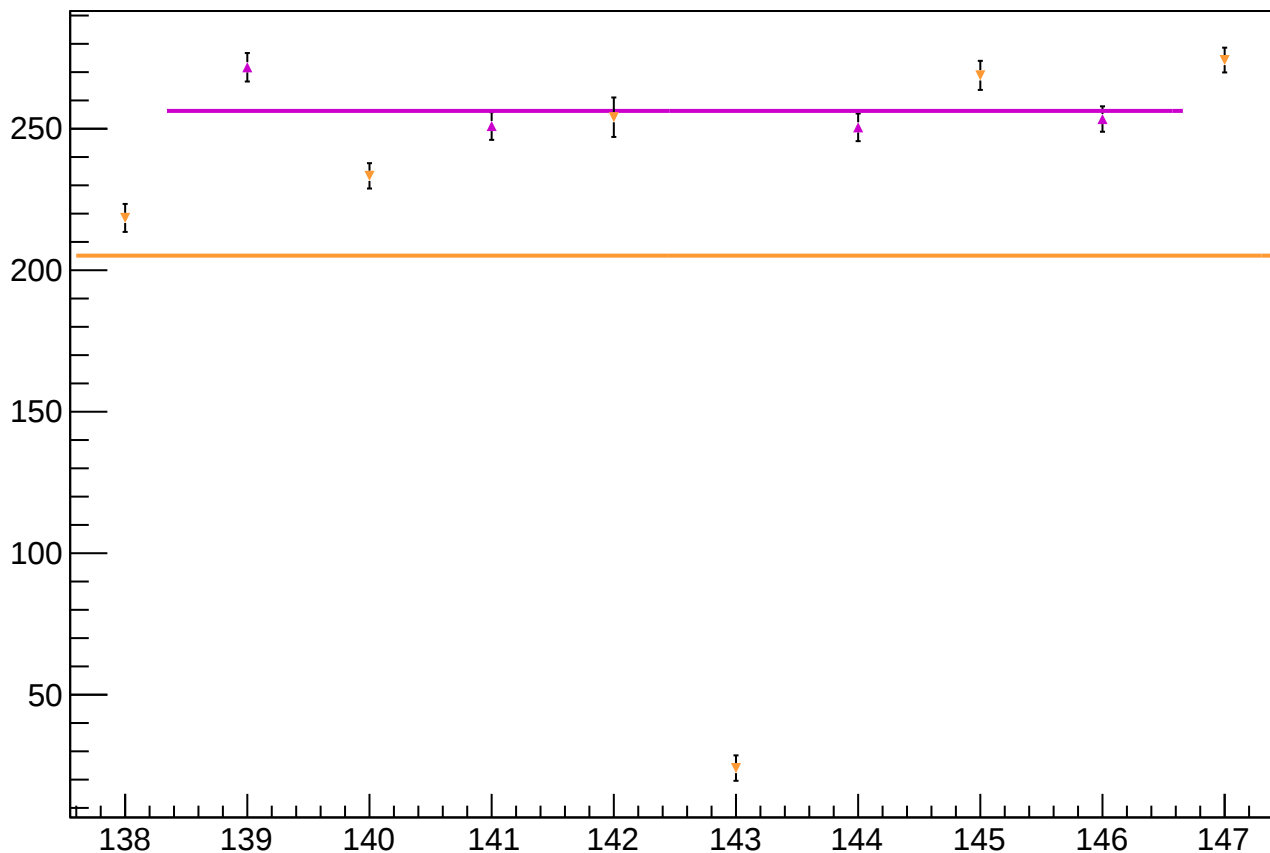
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -82.644 ± 0.055 $\chi^2/\text{NDF}: 1932796.1/20$

Out: -76.083 ± 0.052 $\chi^2/\text{NDF}: 2107716.1/23$

All: -79.156 ± 0.038 $\chi^2/\text{NDF}: 4048038.0/44$

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: 256.299+/-2.407 χ^2/NDF :12.4/3

Left: 226.002+/-1.536 χ^2/NDF : 2404.4/9

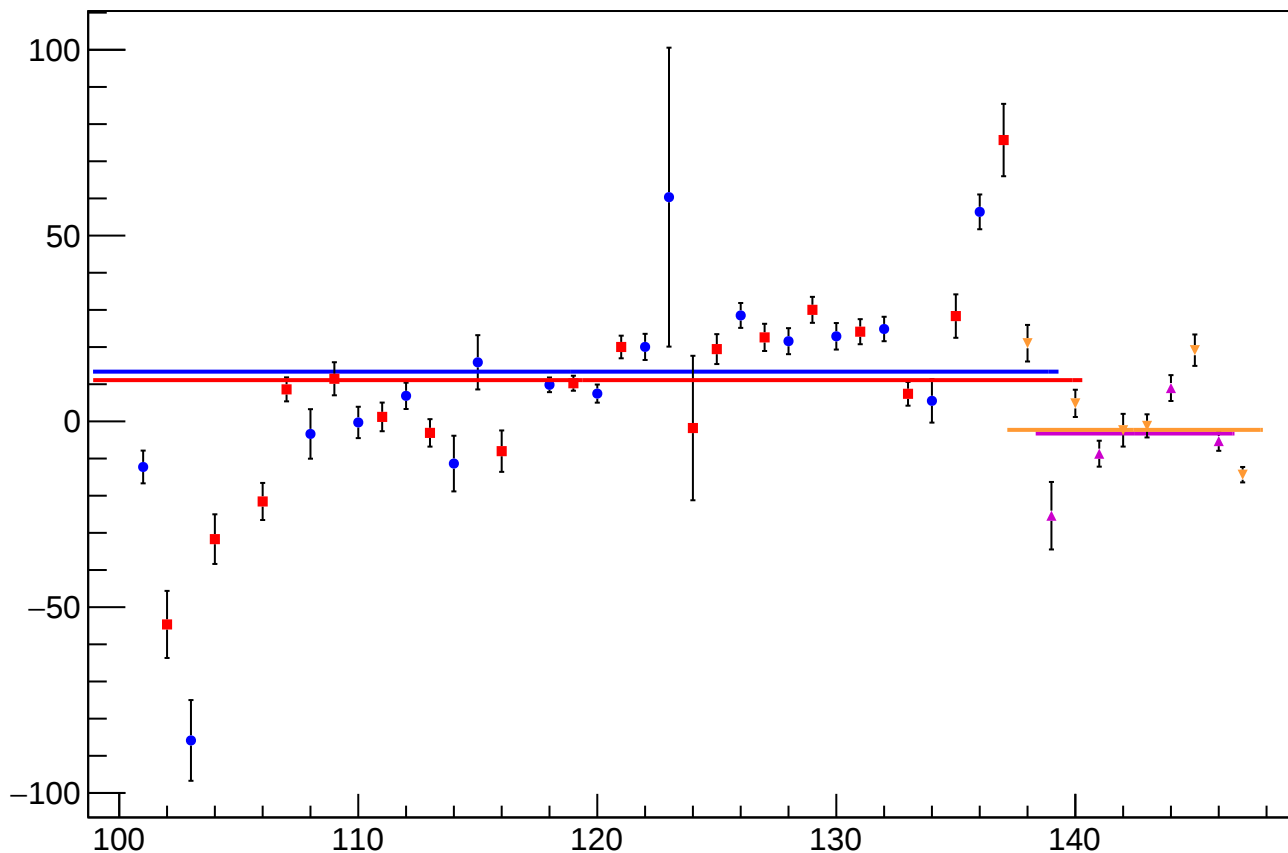
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.299+/-2.407 χ^2/NDF :12.4/3

Out: 205.159+/-1.996 χ^2/NDF :2124.5/5

All: 226.002+/-1.536 χ^2/NDF : 2404.4/9

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -2.285 ± 1.339 χ^2/NDF : 85.8/5

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -3.265 ± 1.762 χ^2/NDF : 21.3/3

Left: -2.643 ± 1.066 χ^2/NDF : 107.3/9

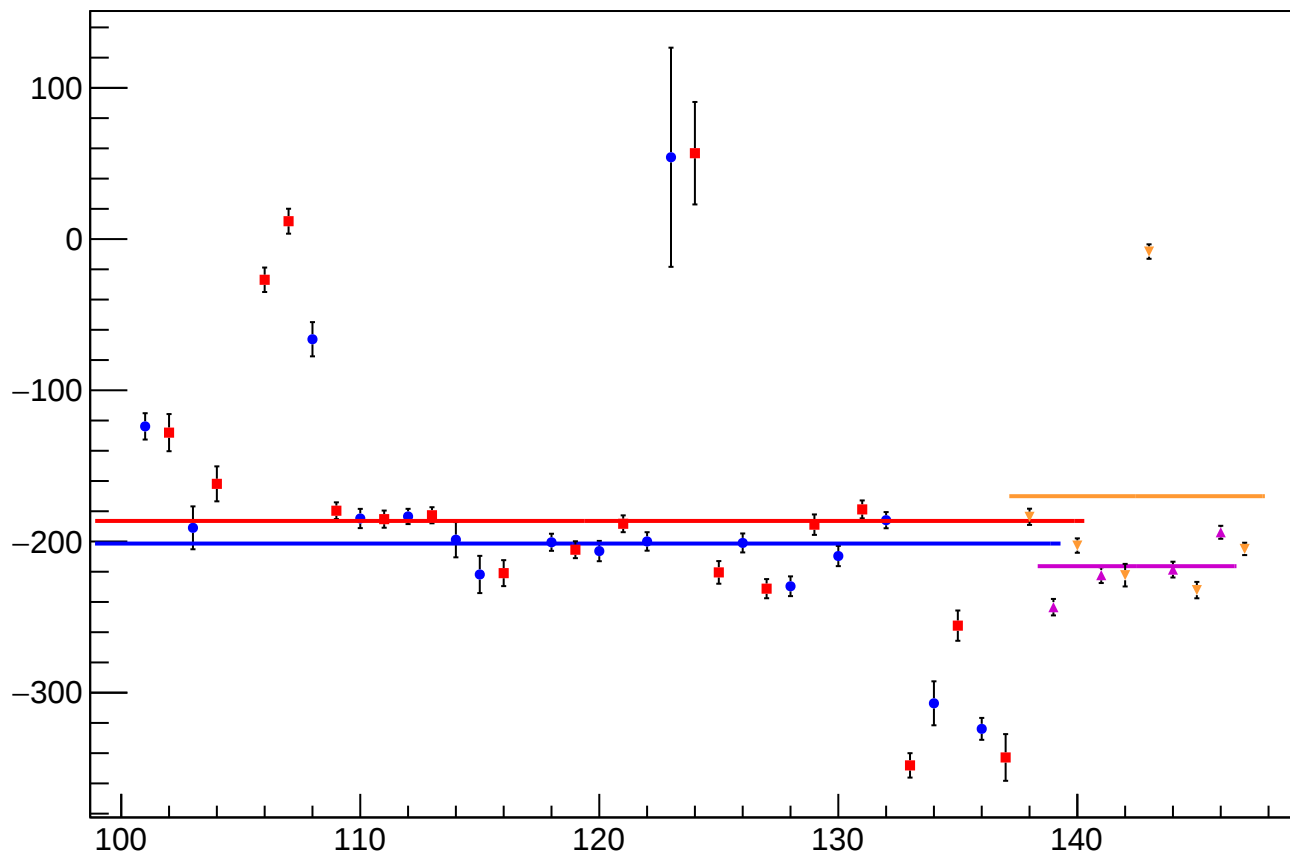
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 9.813 ± 0.816 χ^2/NDF : 385.5/20

Out: 6.835 ± 0.756 χ^2/NDF : 446.2/23

All: 8.209 ± 0.555 χ^2/NDF : 838.8/44

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: -216.332 ± 2.489 χ^2/NDF : 53.5/3

Left: -188.933 ± 1.590 χ^2/NDF : 1704.9/9

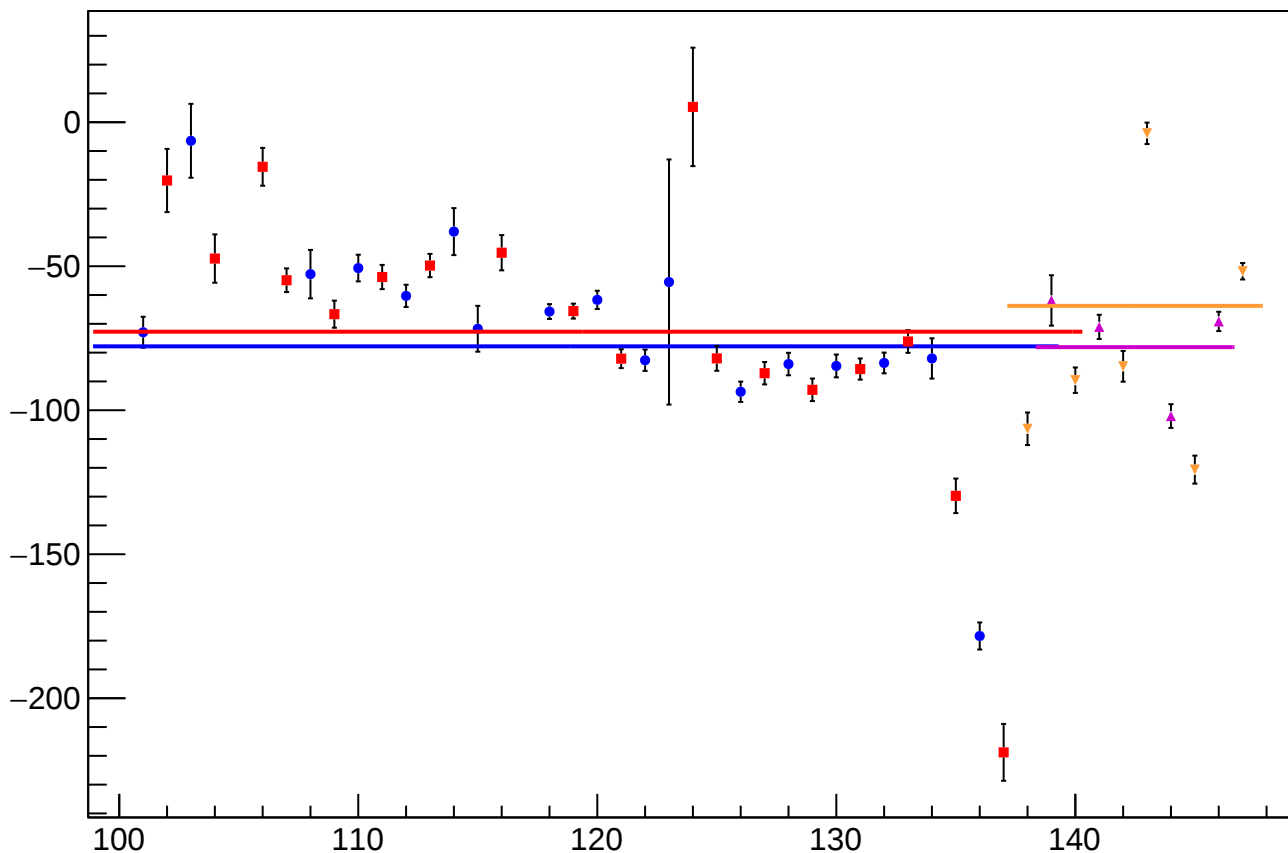
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -206.445 ± 1.450 χ^2/NDF : 702.4/20

Out: -179.788 ± 1.314 χ^2/NDF : 3183.5/23

All: -191.815 ± 0.974 χ^2/NDF : 4071.4/44

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -63.766 ± 1.680 χ^2/NDF : 520.3/5

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -78.100 ± 2.146 χ^2/NDF : 46.9/3

Left: -69.215 ± 1.323 χ^2/NDF : 594.9/9

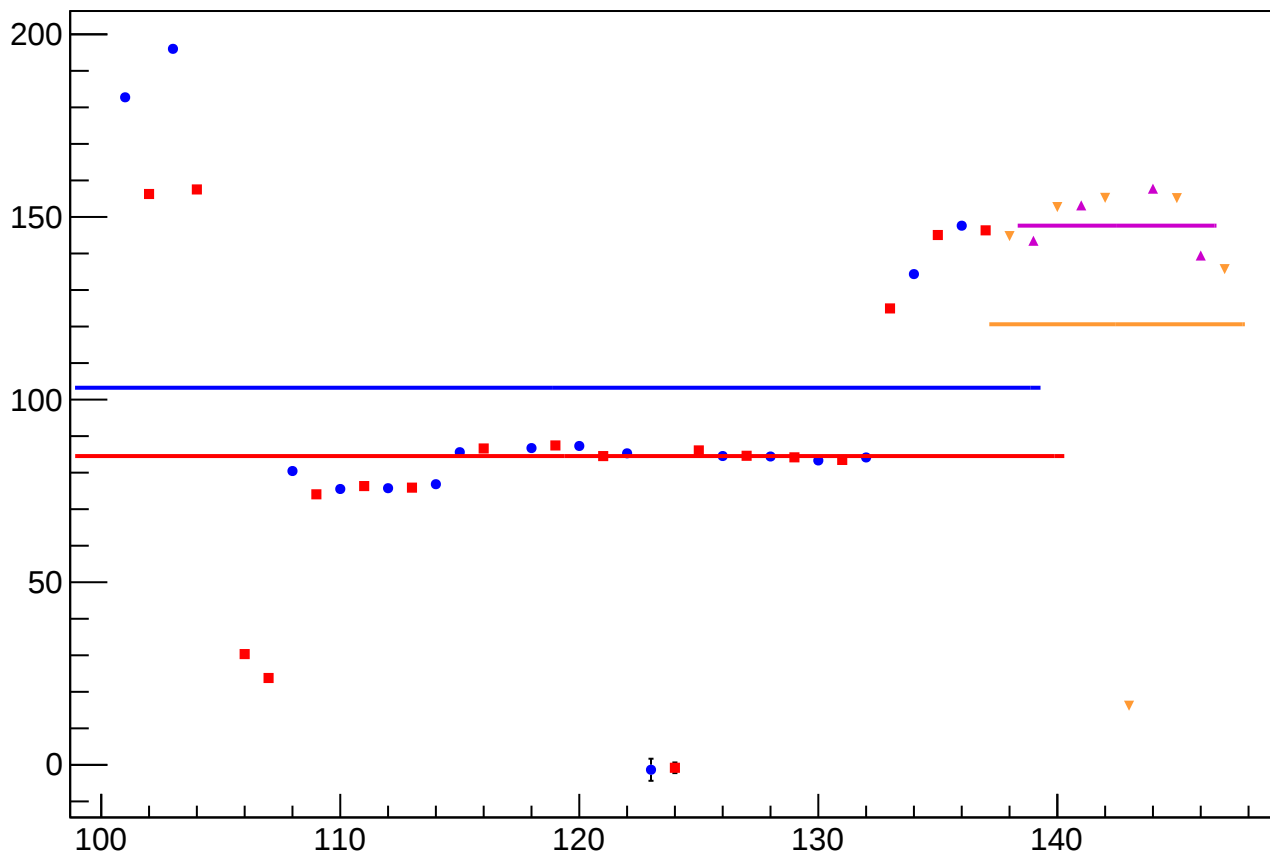
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.874 ± 0.956 χ^2/NDF : 703.3/20

Out: -70.203 ± 0.893 χ^2/NDF : 1139.7/23

All: -73.776 ± 0.652 χ^2/NDF : 1877.4/44

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: 147.622 $\pm$ 0.103 χ^2 /NDF: 4819.9/3

Left: 131.845 $\pm$ 0.066 χ^2 /NDF: 422189.1/9

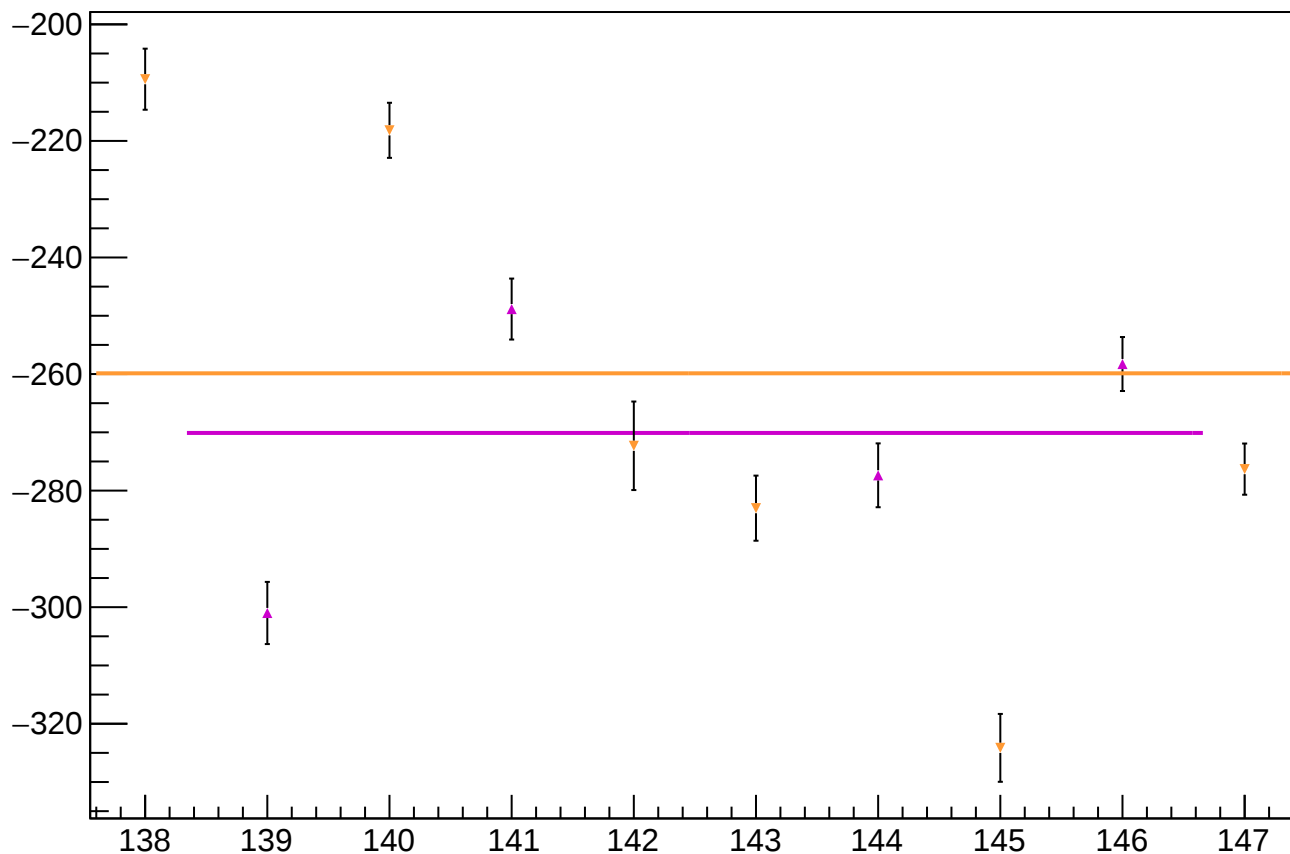
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 117.380 $\pm$ 0.058 χ^2 /NDF: 404531.5/20

Out: 97.202 $\pm$ 0.051 χ^2 /NDF: 900483.5/23

All: 106.067 $\pm$ 0.039 χ^2 /NDF: 1372480.0/44

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: -270.105+/-2.568 χ^2/NDF :58.3/3

Left: -264.141+/-1.658 χ^2/NDF : 393.9/9

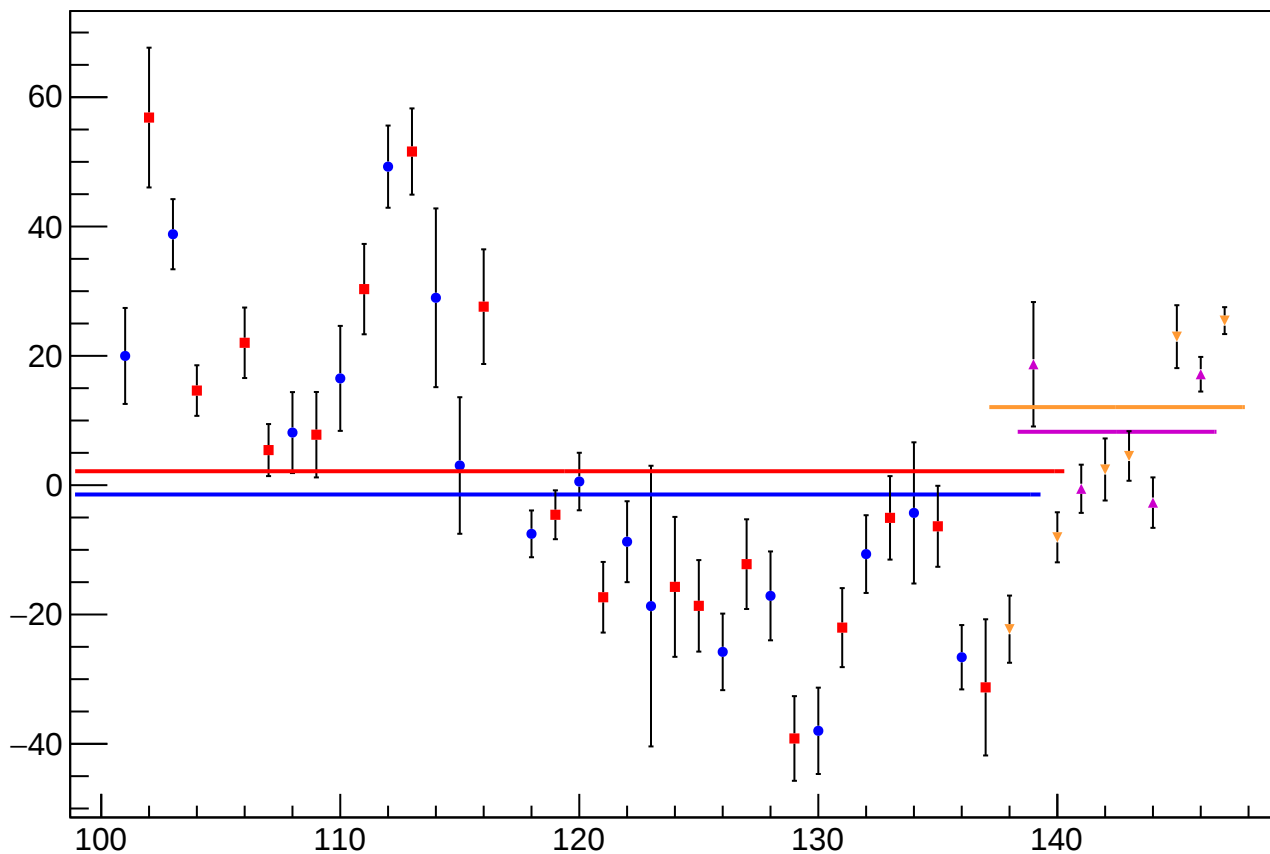
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.105+/-2.568 χ^2/NDF :58.3/3

Out: -259.874+/-2.172 χ^2/NDF :326.3/5

All: -264.141+/-1.658 χ^2/NDF : 393.9/9

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 12.073 ± 1.431 χ^2/NDF : 125.0/5

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 8.257 ± 1.864 χ^2/NDF : 25.7/3

Left: 10.658 ± 1.135 χ^2/NDF : 153.3/9

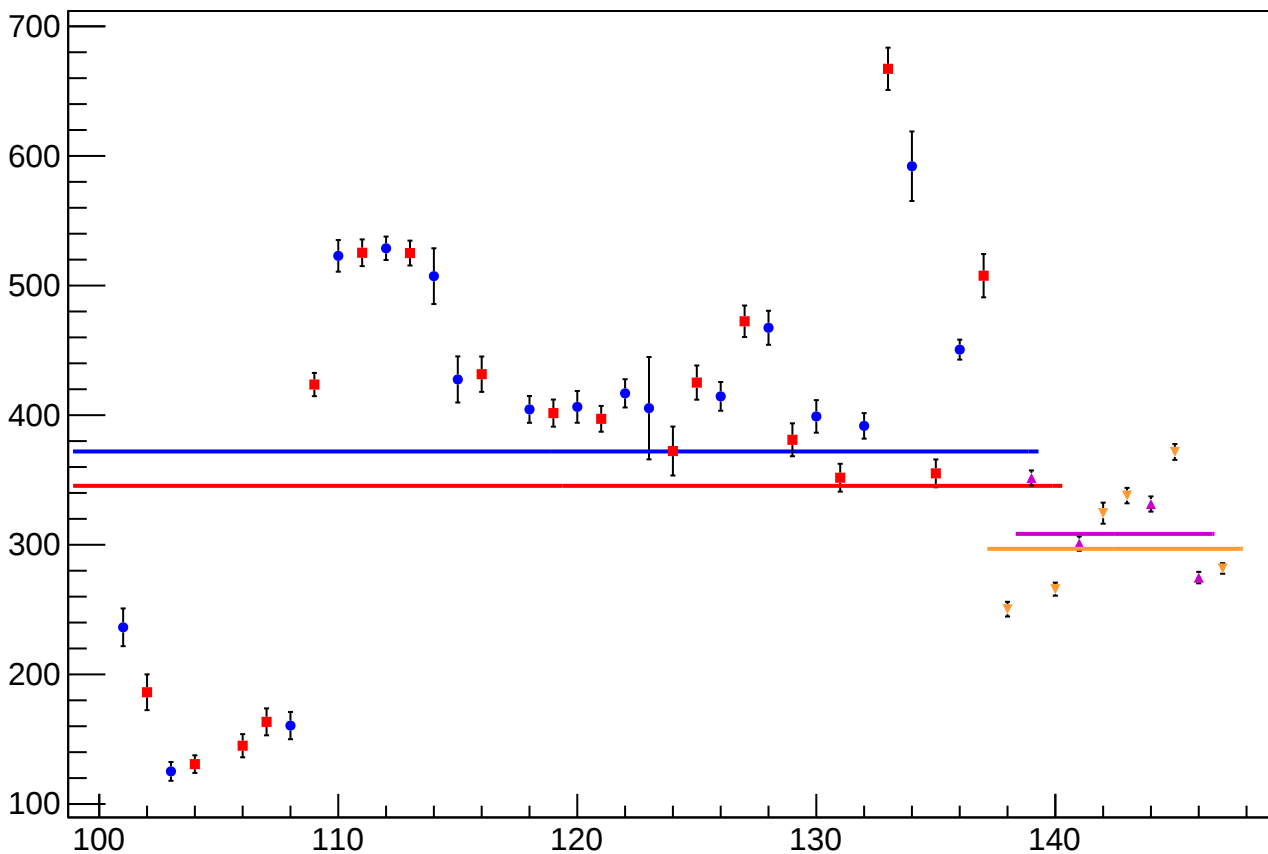
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 2.421 ± 1.176 χ^2/NDF : 266.4/20

Out: 7.010 ± 1.001 χ^2/NDF : 379.7/23

All: 5.082 ± 0.762 χ^2/NDF : 654.9/44

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 296.898+/-2.236 χ^2/NDF : 327.7/5

Right Out: 345.473+/-2.564 χ^2/NDF : 3401.6/17

Left In: 308.409+/-2.648 χ^2/NDF : 131.3/3

Left: 301.688+/-1.708 χ^2/NDF : 470.1/9

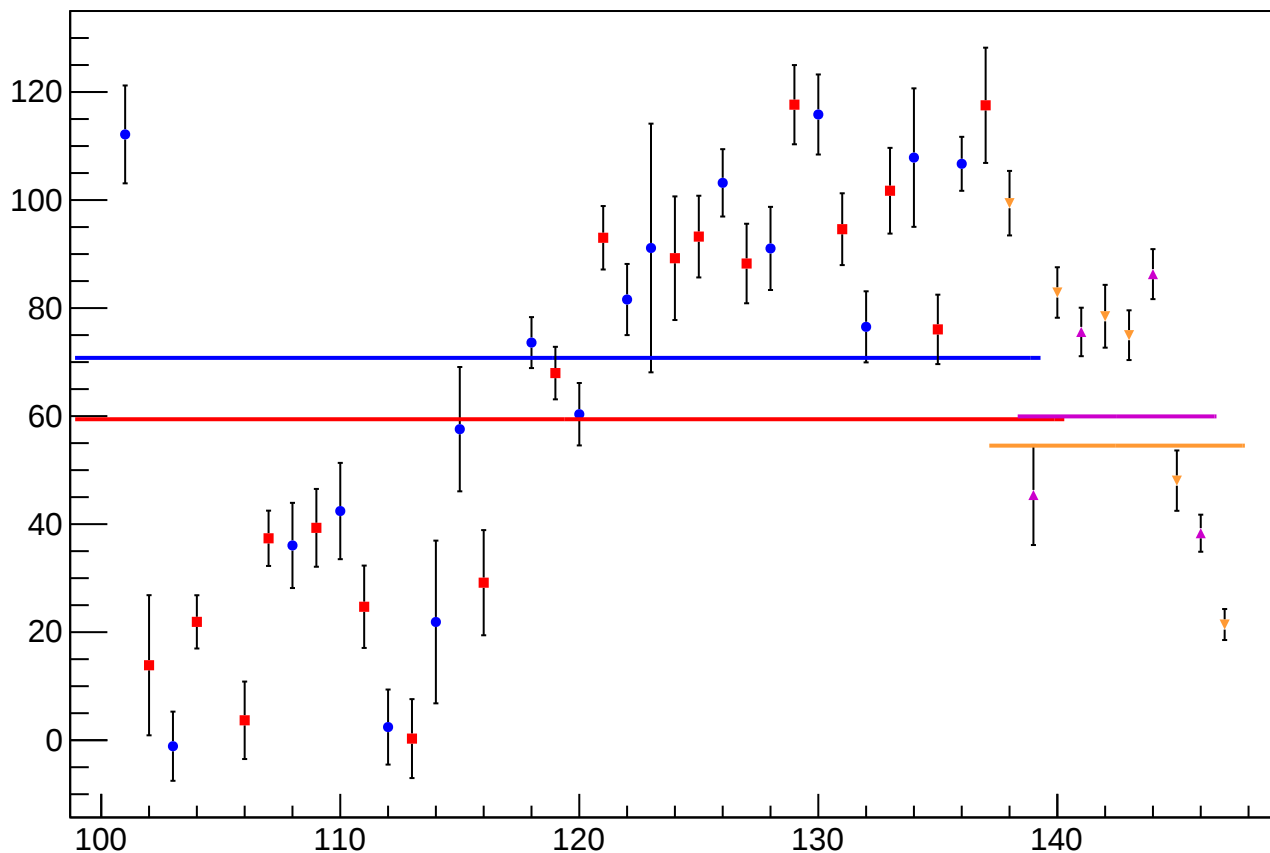
Right: 357.739+/-1.880 χ^2/NDF : 5882.3/34

In: 338.838+/-1.912 χ^2/NDF : 2838.4/20

Out: 317.874+/-1.685 χ^2/NDF : 3933.2/23

All: 327.036+/-1.264 χ^2/NDF : 6839.2/44

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: 59.946 $\pm$ 2.277 χ^2 /NDF:86.7/3

Left: 56.635 $\pm$ 1.419 χ^2 /NDF: 354.6/9

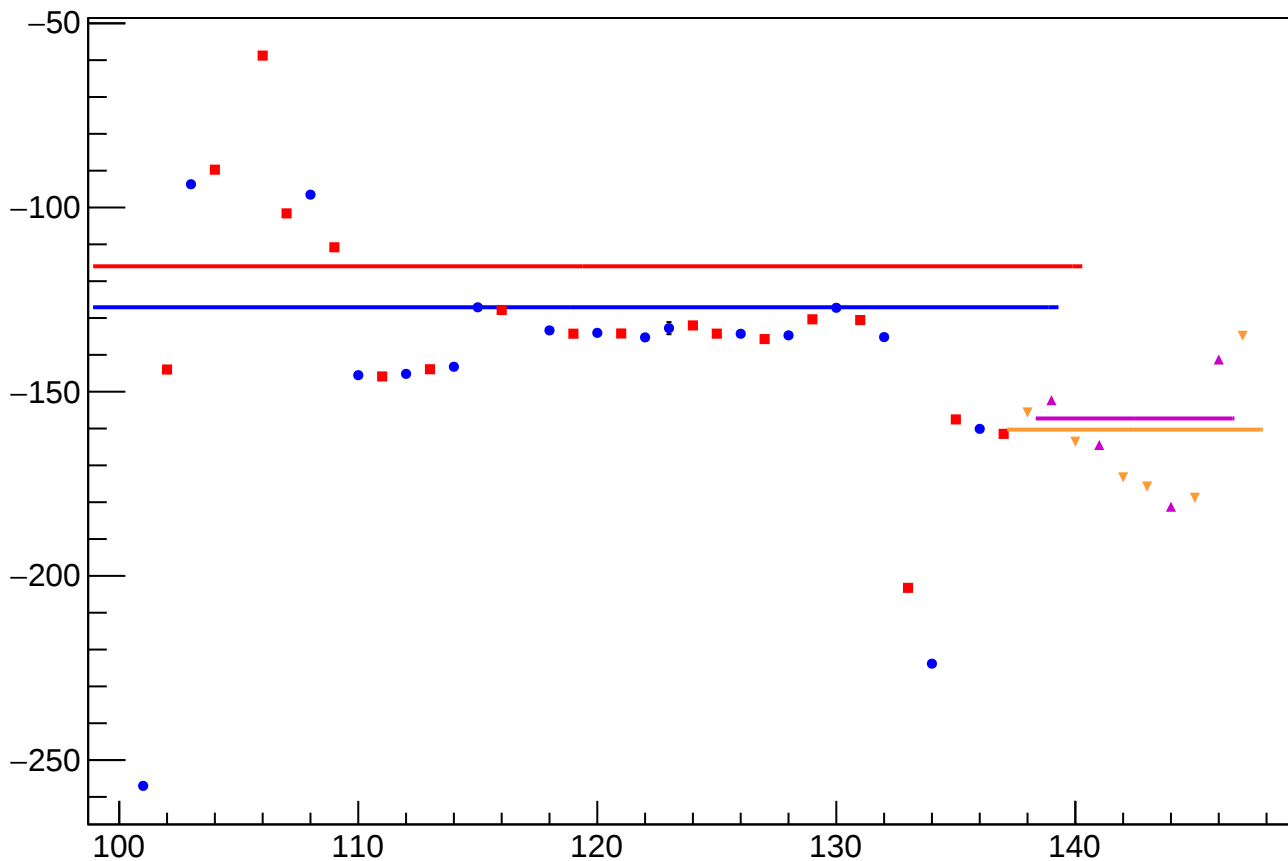
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 66.767 $\pm$ 1.386 χ^2 /NDF:524.9/20

Out: 57.235 $\pm$ 1.213 χ^2 /NDF:755.1/23

All: 61.371 $\pm$ 0.913 χ^2 /NDF: 1306.7/44

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -160.295 ± 0.095 $\chi^2/\text{NDF}: 29633.5/5$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -157.273 ± 0.110 $\chi^2/\text{NDF}: 16524.3/3$

Left: -159.001 ± 0.072 $\chi^2/\text{NDF}: 46592.0/9$

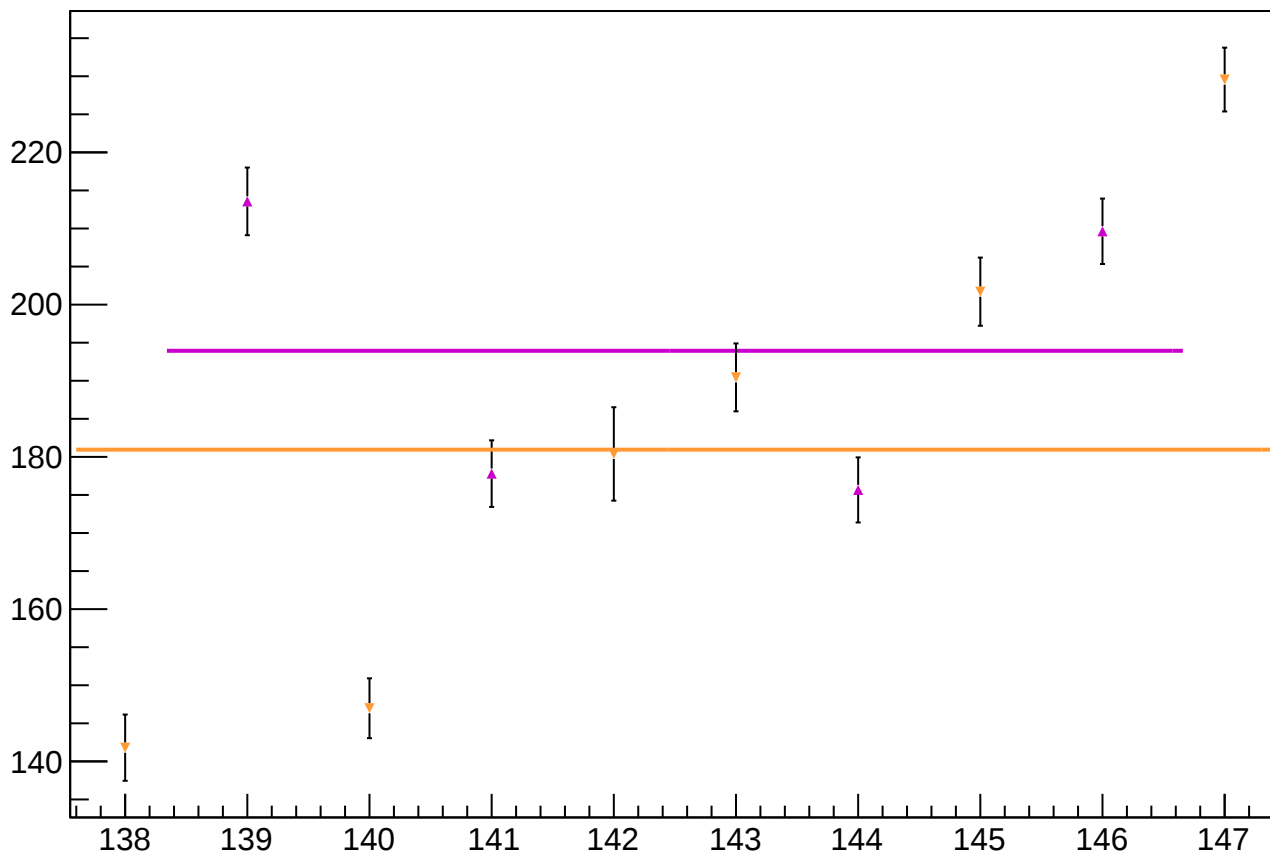
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -139.151 ± 0.069 $\chi^2/\text{NDF}: 229044.6/20$

Out: -135.171 ± 0.062 $\chi^2/\text{NDF}: 312209.6/23$

All: -136.954 ± 0.046 $\chi^2/\text{NDF}: 543071.7/44$

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: 193.937+/-2.173 χ^2/NDF :64.7/3

Left: 186.312+/-1.396 χ^2/NDF : 402.0/9

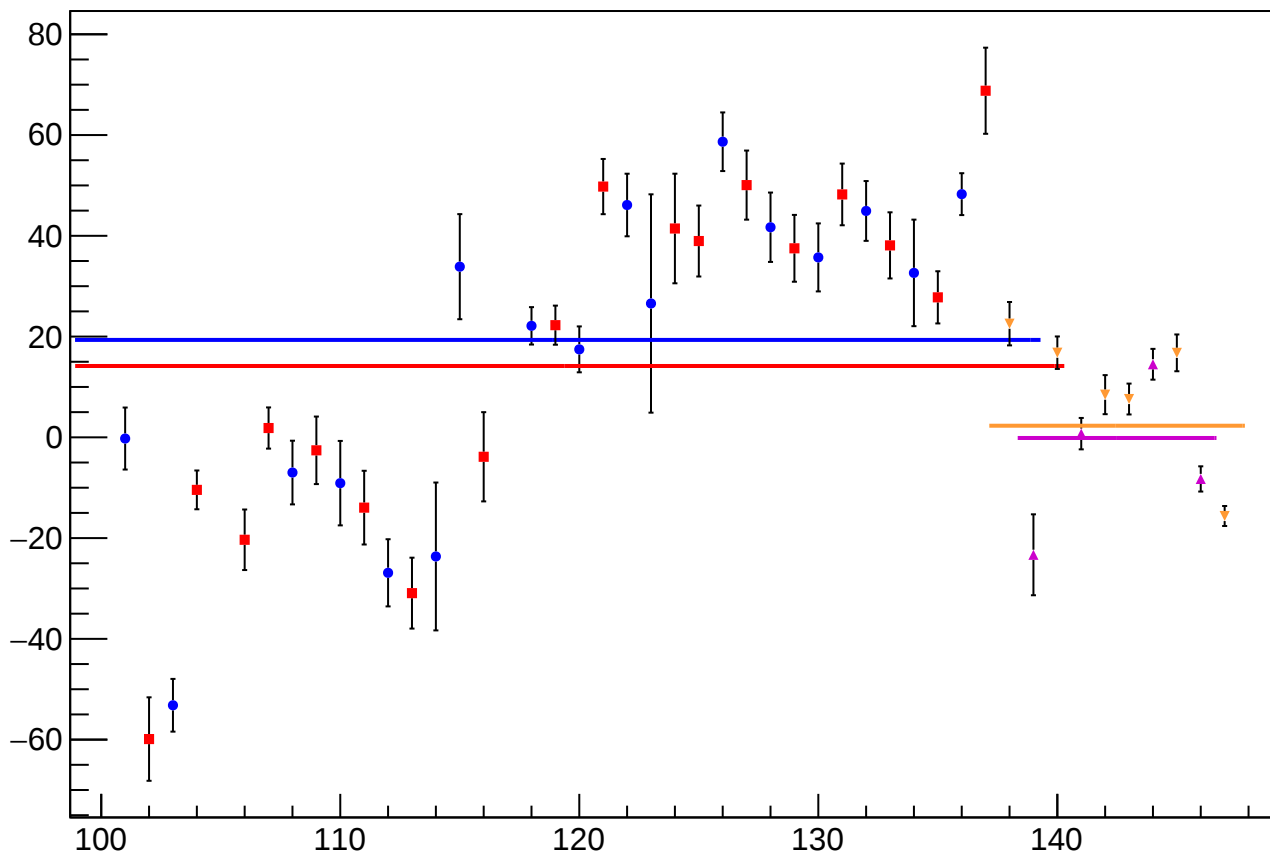
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.937+/-2.173 χ^2/NDF :64.7/3

Out: 180.950+/-1.822 χ^2/NDF :316.2/5

All: 186.312+/-1.396 χ^2/NDF : 402.0/9

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 1.402 +/- 0.982 χ^2/NDF : 188.4/9

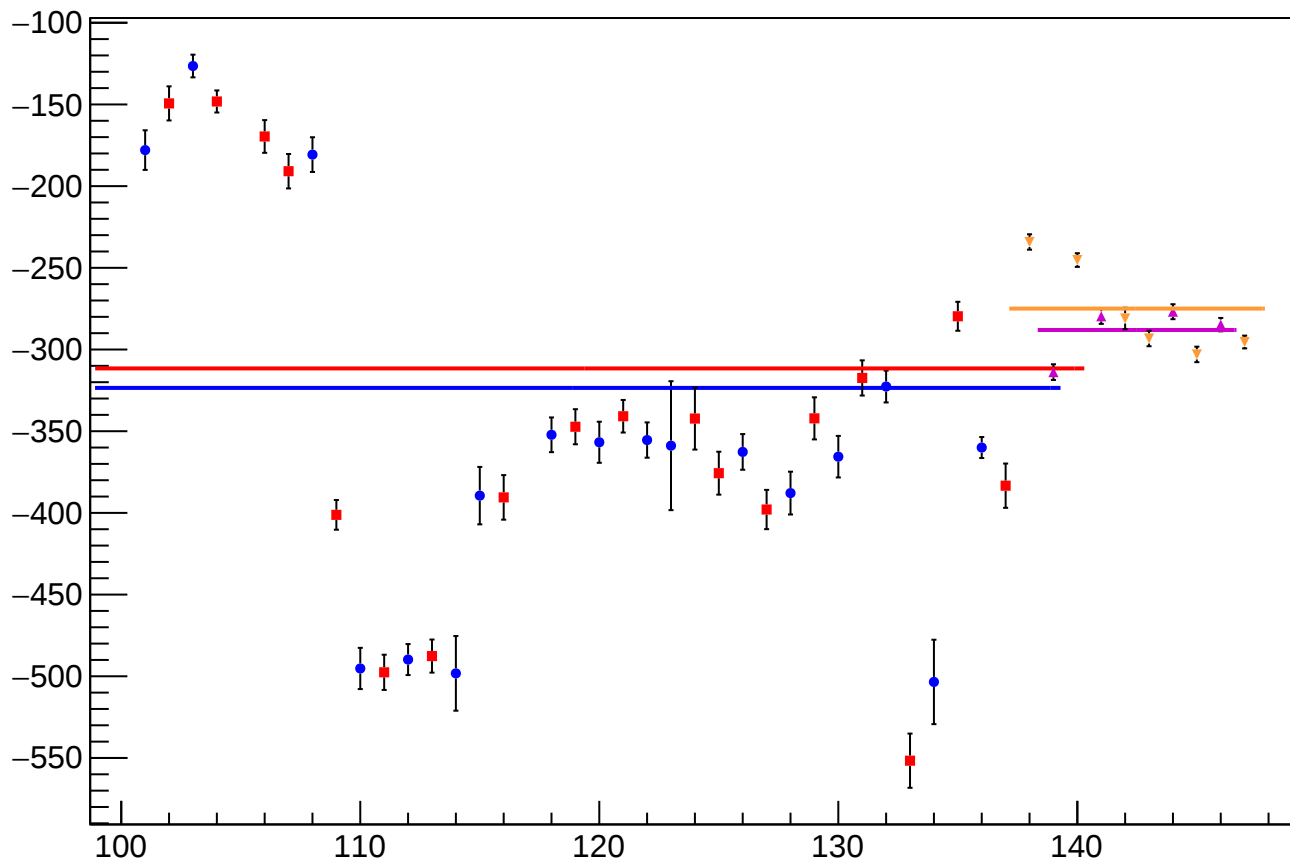
Right: 16.585 +/- 1.014 χ^2/NDF : 872.4/34

In: 10.416 +/- 1.091 χ^2/NDF : 560.8/20

Out: 7.547 +/- 0.925 χ^2/NDF : 611.6/23

All: 8.747 +/- 0.706 χ^2/NDF : 1176.4/44

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -274.953 ± 1.893 χ^2/NDF : 203.0/5

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -288.041 ± 2.255 χ^2/NDF : 38.6/3

Left: -280.361 ± 1.450 χ^2/NDF : 261.4/9

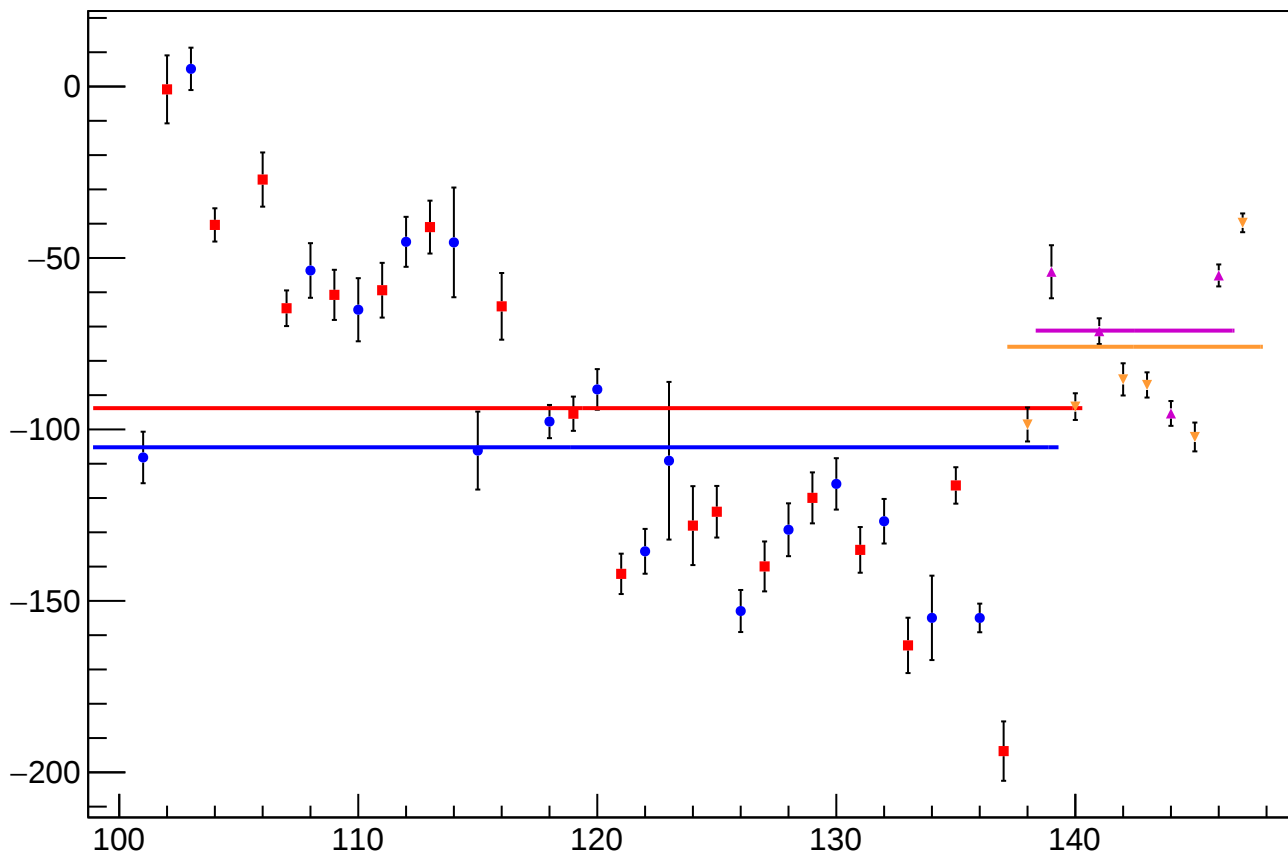
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -302.787 ± 1.724 χ^2/NDF : 1989.0/20

Out: -288.115 ± 1.515 χ^2/NDF : 2581.3/23

All: -294.509 ± 1.138 χ^2/NDF : 4611.2/44

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: -71.180 ± 1.955 χ^2/NDF : 74.7/3

Left: -74.072 ± 1.215 χ^2/NDF : 346.1/9

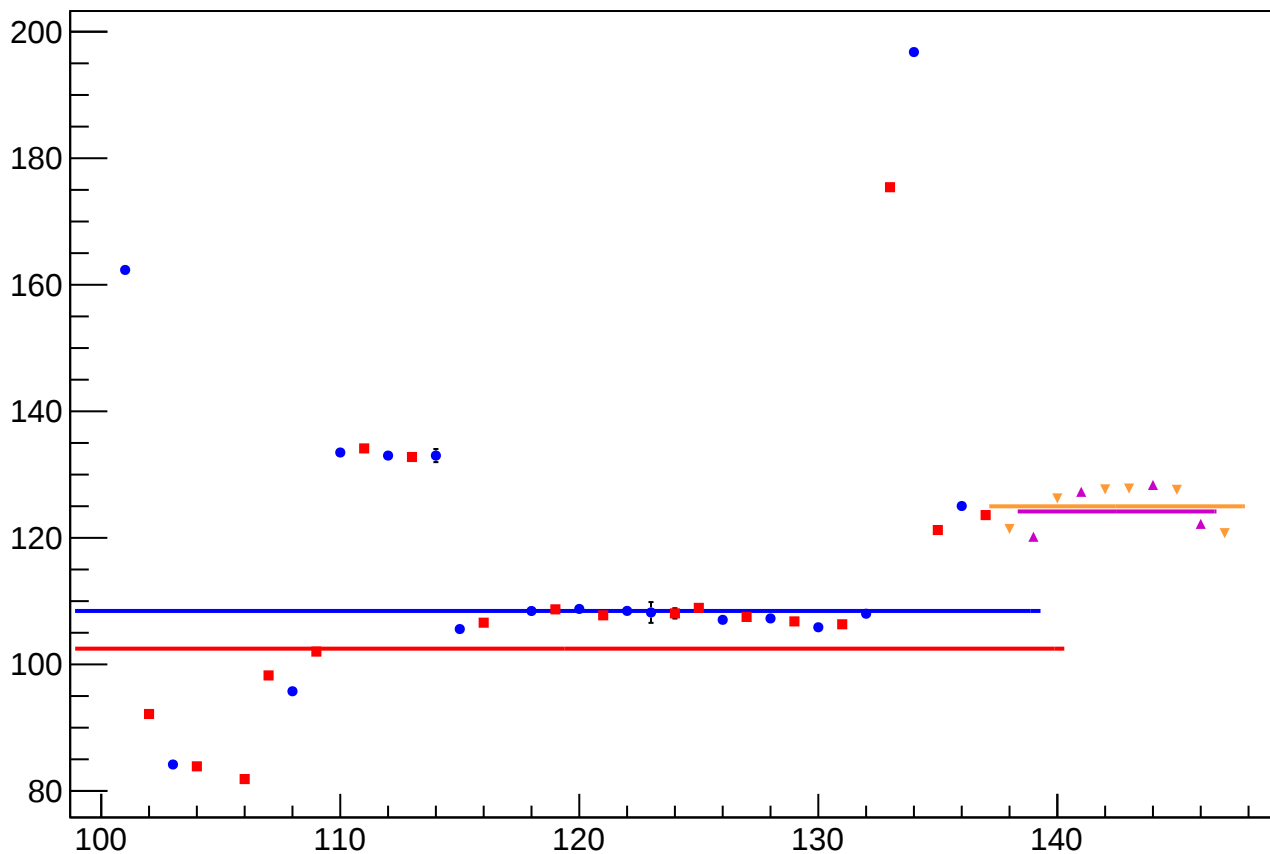
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -90.589 ± 1.282 χ^2/NDF : 983.1/20

Out: -84.497 ± 1.117 χ^2/NDF : 1147.3/23

All: -87.127 ± 0.842 χ^2/NDF : 2143.2/44

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: 124.174 $\pm$ 0.093 χ^2 /NDF: 1373.4/3

Left: 124.641 $\pm$ 0.060 χ^2 /NDF: 2873.9/9

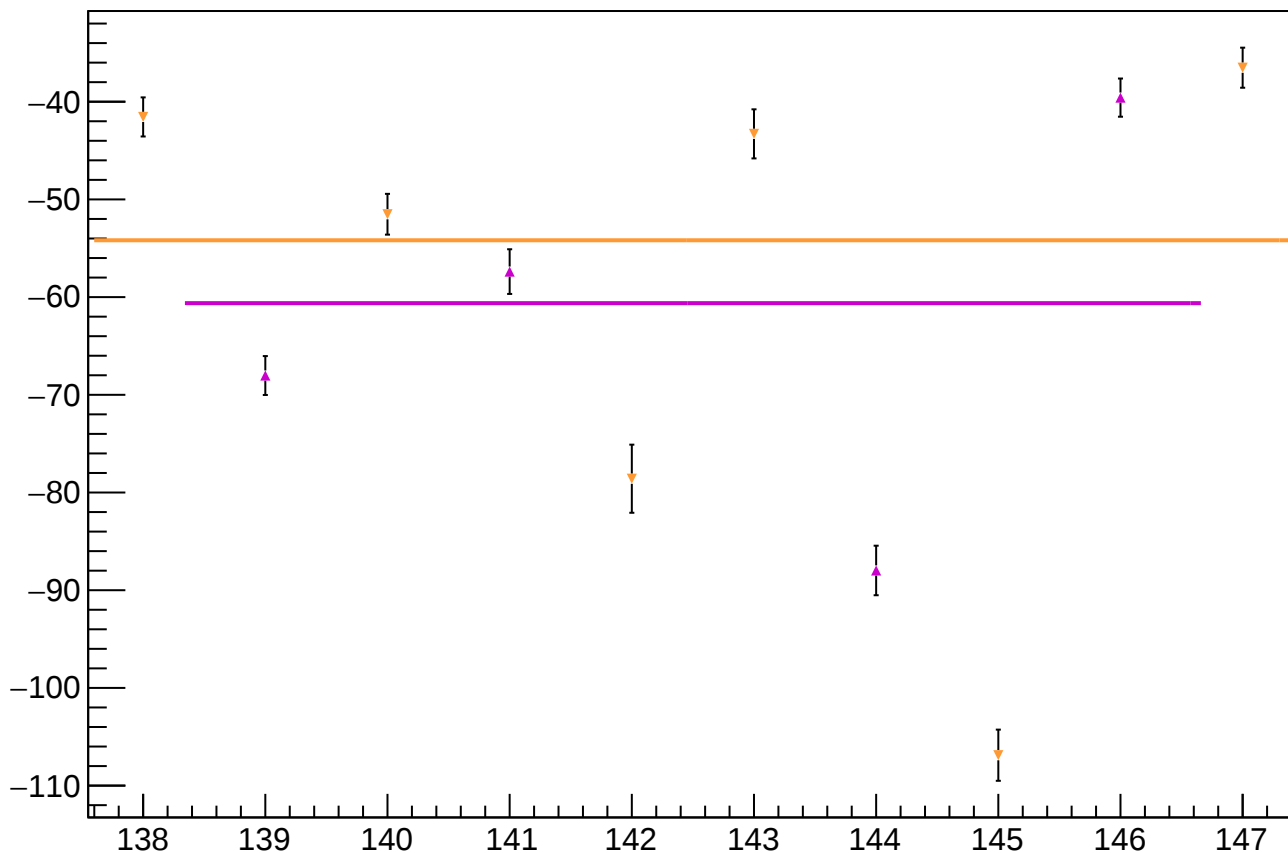
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 115.592 $\pm$ 0.063 χ^2 /NDF: 90264.4/20

Out: 113.745 $\pm$ 0.056 χ^2 /NDF: 94319.0/23

All: 114.570 $\pm$ 0.042 χ^2 /NDF: 185064.9/44

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: -60.618+/-1.078 χ^2/NDF :248.2/3

Left: -57.002+/-0.713 χ^2/NDF : 856.7/9

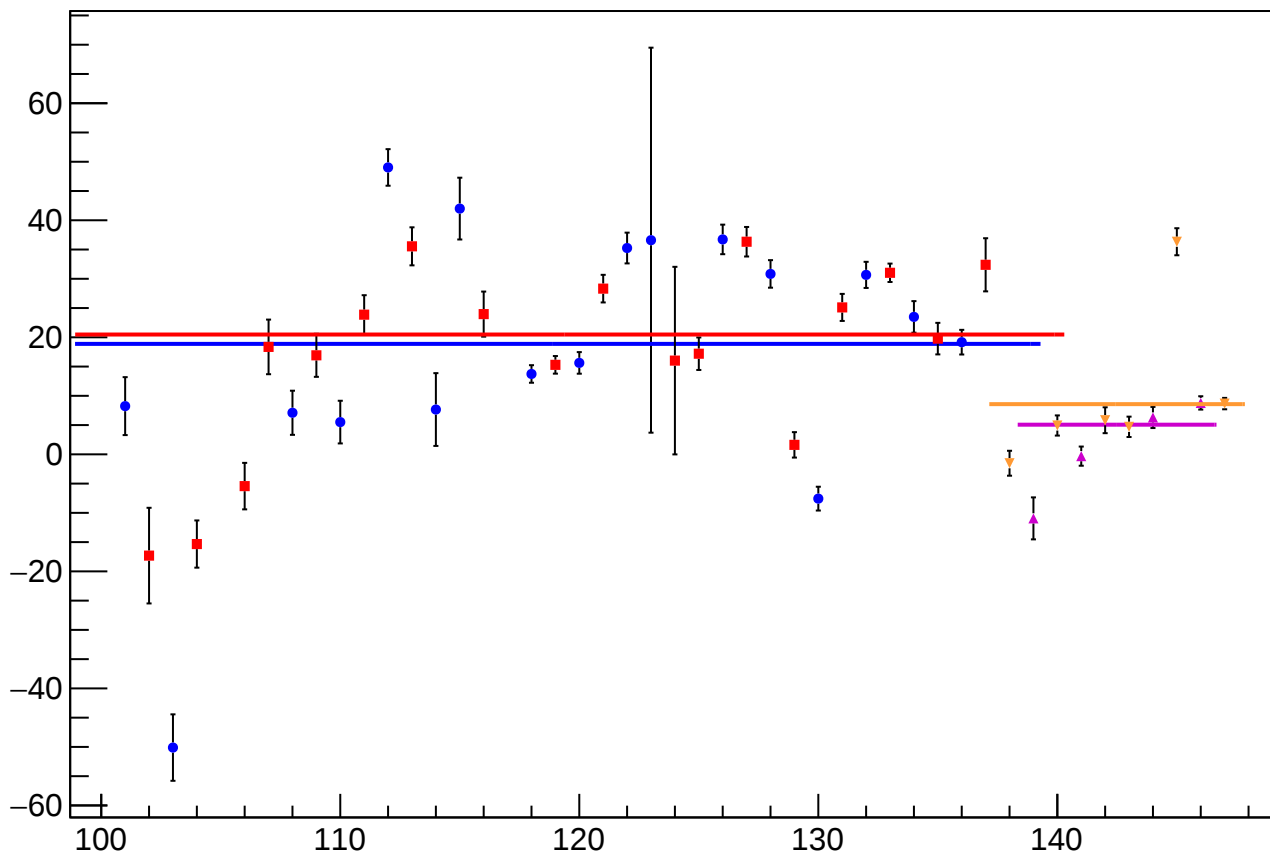
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.618+/-1.078 χ^2/NDF :248.2/3

Out: -54.182+/-0.952 χ^2/NDF :588.5/5

All: -57.002+/-0.713 χ^2/NDF : 856.7/9

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: 5.066+/-0.809 χ^2/NDF :41.8/3

Left: 7.188+/-0.509 χ^2/NDF : 231.0/9

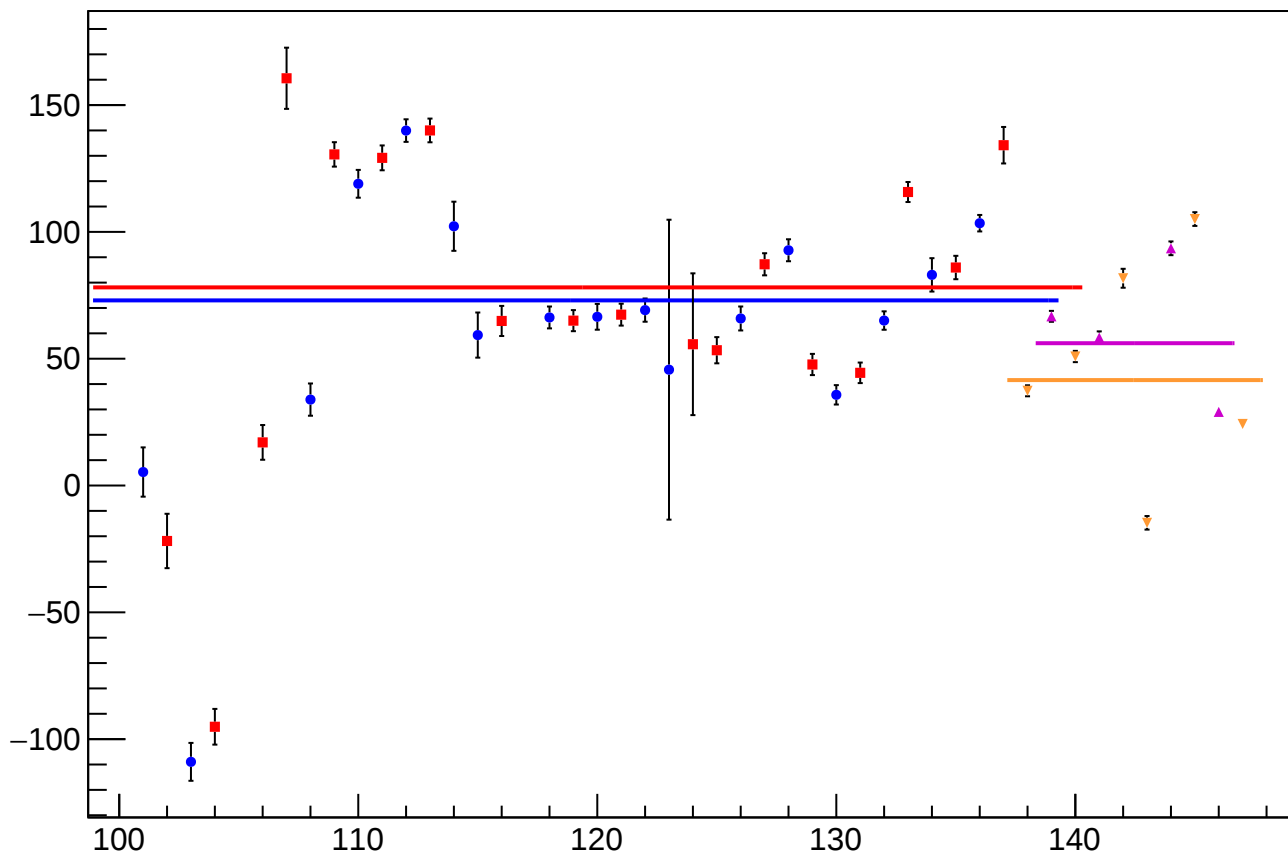
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 13.515+/-0.504 χ^2/NDF :840.6/20

Out: 14.629+/-0.459 χ^2/NDF :708.1/23

All: 14.124+/-0.339 χ^2/NDF : 1551.3/44

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 41.569 ± 0.983 χ^2/NDF : 1211.2/5

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 56.110 ± 1.113 χ^2/NDF : 425.5/3

Left: 47.937 ± 0.737 χ^2/NDF : 1732.6/9

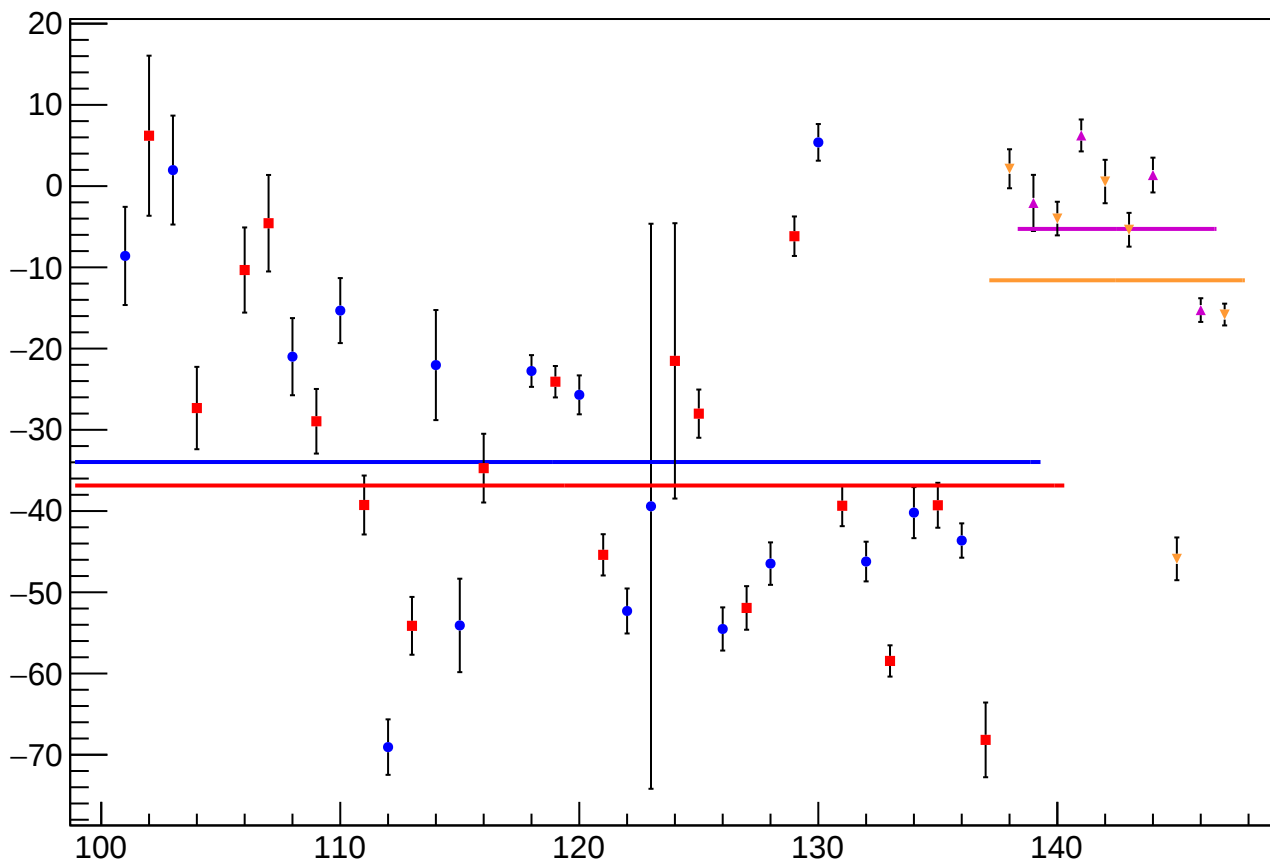
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 63.712 ± 0.825 χ^2/NDF : 1734.5/20

Out: 55.898 ± 0.766 χ^2/NDF : 3300.3/23

All: 59.515 ± 0.562 χ^2/NDF : 5082.9/44

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: -5.269 ± 0.985 χ^2/NDF : 91.6/3

Left: -8.997 ± 0.631 χ^2/NDF : 371.5/9

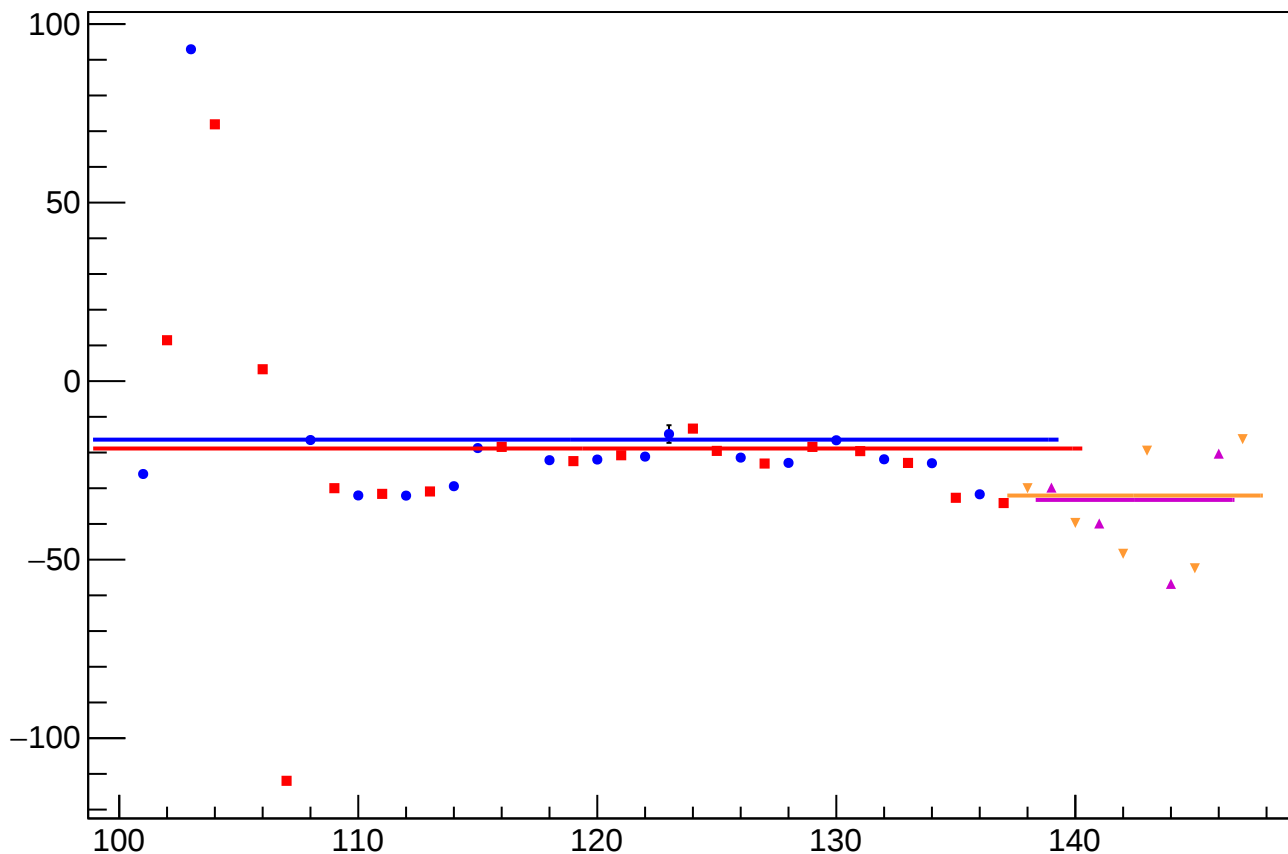
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -23.657 ± 0.590 χ^2/NDF : 1357.2/20

Out: -25.604 ± 0.549 χ^2/NDF : 1314.2/23

All: -24.702 ± 0.402 χ^2/NDF : 2677.3/44

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -32.046 ± 0.041 $\chi^2/\text{NDF}: 99363.8/5$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -33.265 ± 0.045 $\chi^2/\text{NDF}: 68355.9/3$

Left: -32.596 ± 0.031 $\chi^2/\text{NDF}: 168114.3/9$

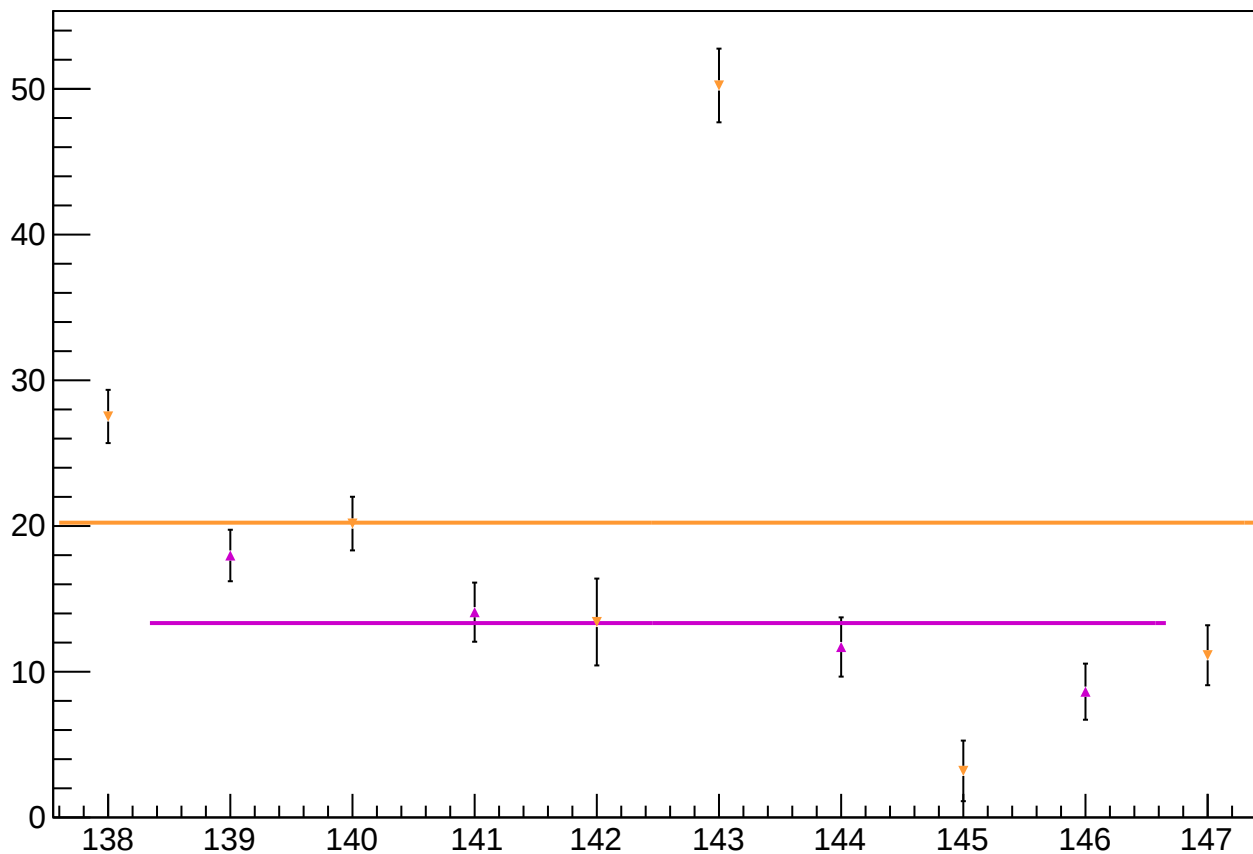
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -24.635 ± 0.032 $\chi^2/\text{NDF}: 613071.1/20$

Out: -26.076 ± 0.030 $\chi^2/\text{NDF}: 578992.9/23$

All: -25.386 ± 0.022 $\chi^2/\text{NDF}: 1193134.4/44$

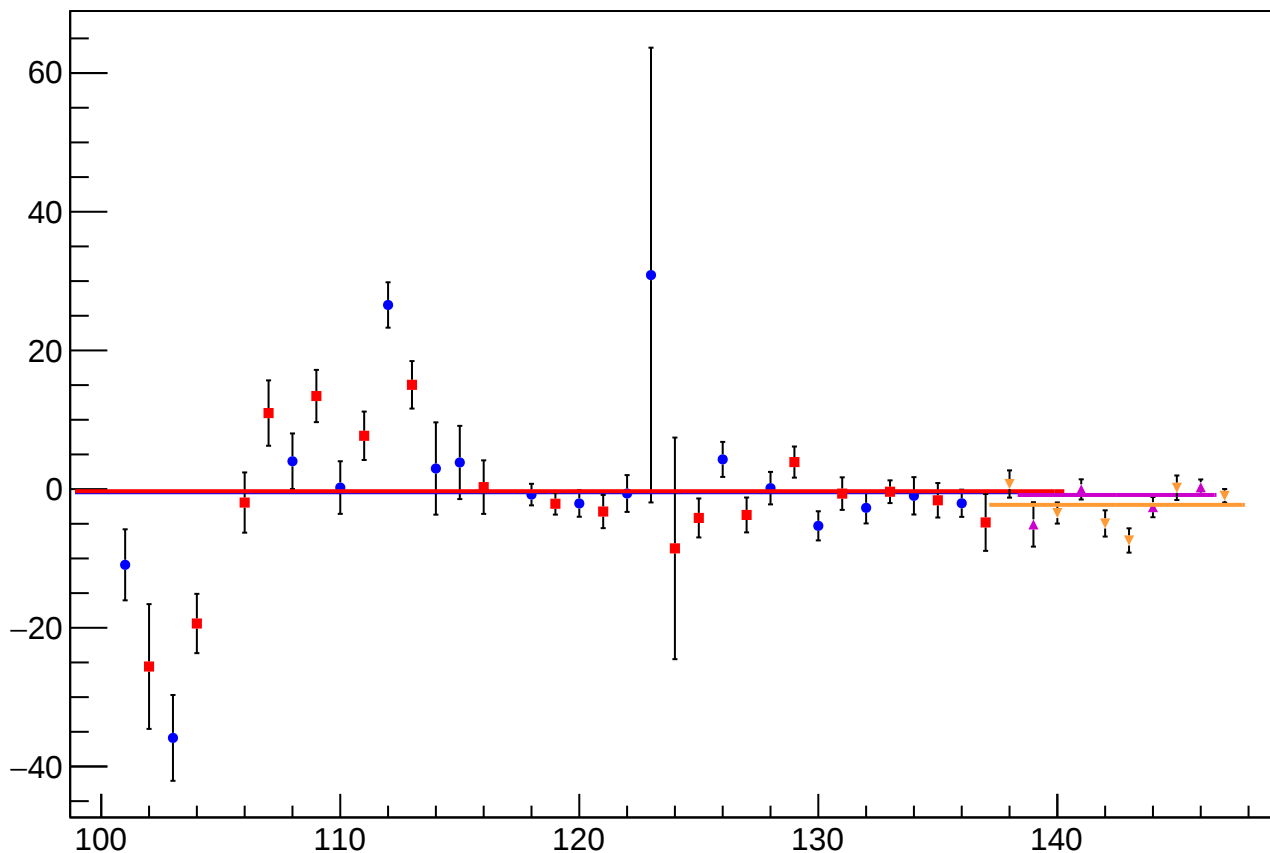
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.231 $\pm$ 0.867 χ^2 /NDF:248.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3

Left: 17.153 $\pm$ 0.645 χ^2 /NDF: 290.6/9
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3
 Out: 20.231 $\pm$ 0.867 χ^2 /NDF:248.7/5
 All: 17.153 $\pm$ 0.645 χ^2 /NDF: 290.6/9

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 $\pm$ 0.654 χ^2/NDF : 119.5/16

Left Out: -2.271 $\pm$ 0.613 χ^2/NDF : 17.3/5

Right Out: -0.305 $\pm$ 0.657 χ^2/NDF : 84.1/17

Left In: -0.844 $\pm$ 0.741 χ^2/NDF : 4.5/3

Left: -1.690 $\pm$ 0.472 χ^2/NDF : 24.0/9

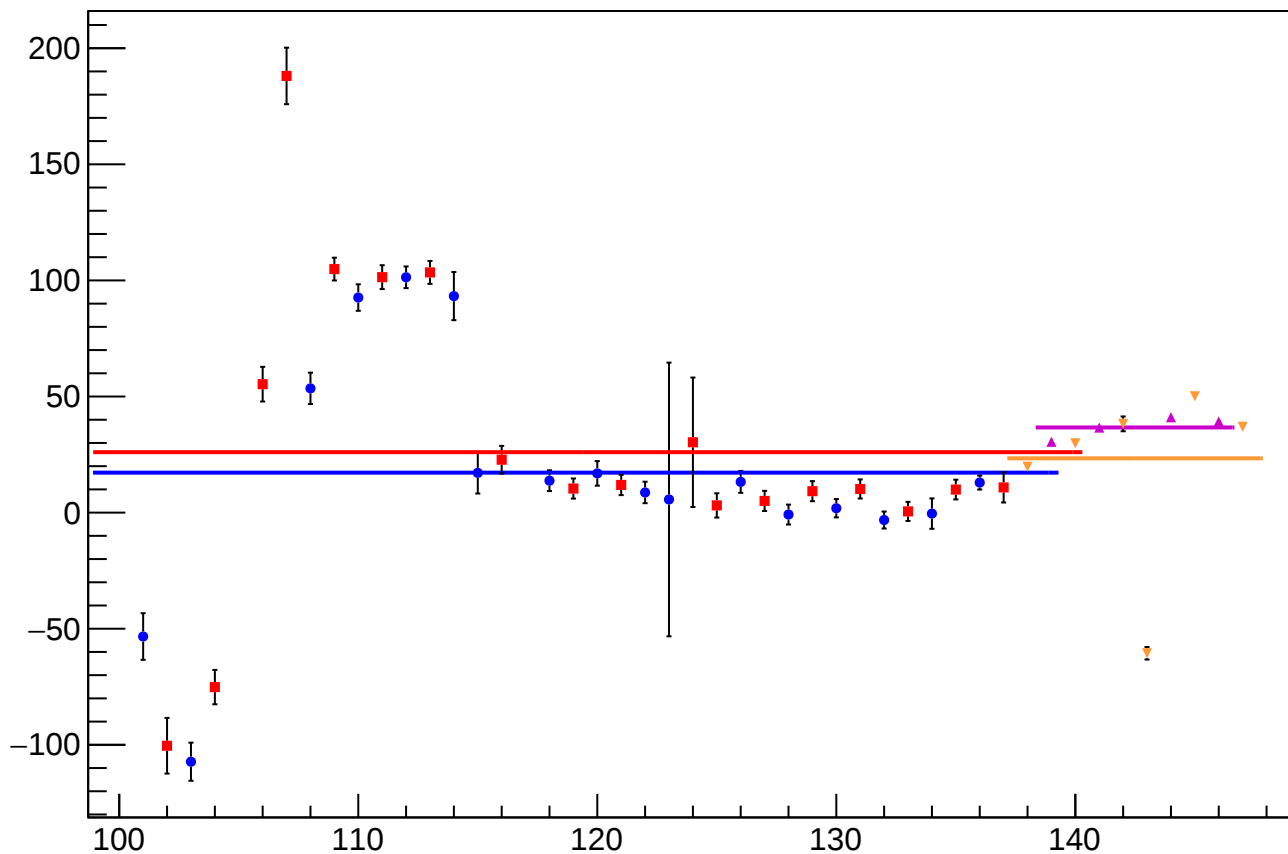
Right: -0.379 $\pm$ 0.464 χ^2/NDF : 203.7/34

In: -0.624 $\pm$ 0.490 χ^2/NDF : 124.2/20

Out: -1.357 $\pm$ 0.448 χ^2/NDF : 106.2/23

All: -1.023 $\pm$ 0.331 χ^2/NDF : 231.6/44

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: 36.674+/-1.003 χ^2/NDF :16.5/3

Left: 29.317+/-0.670 χ^2/NDF : 1319.6/9

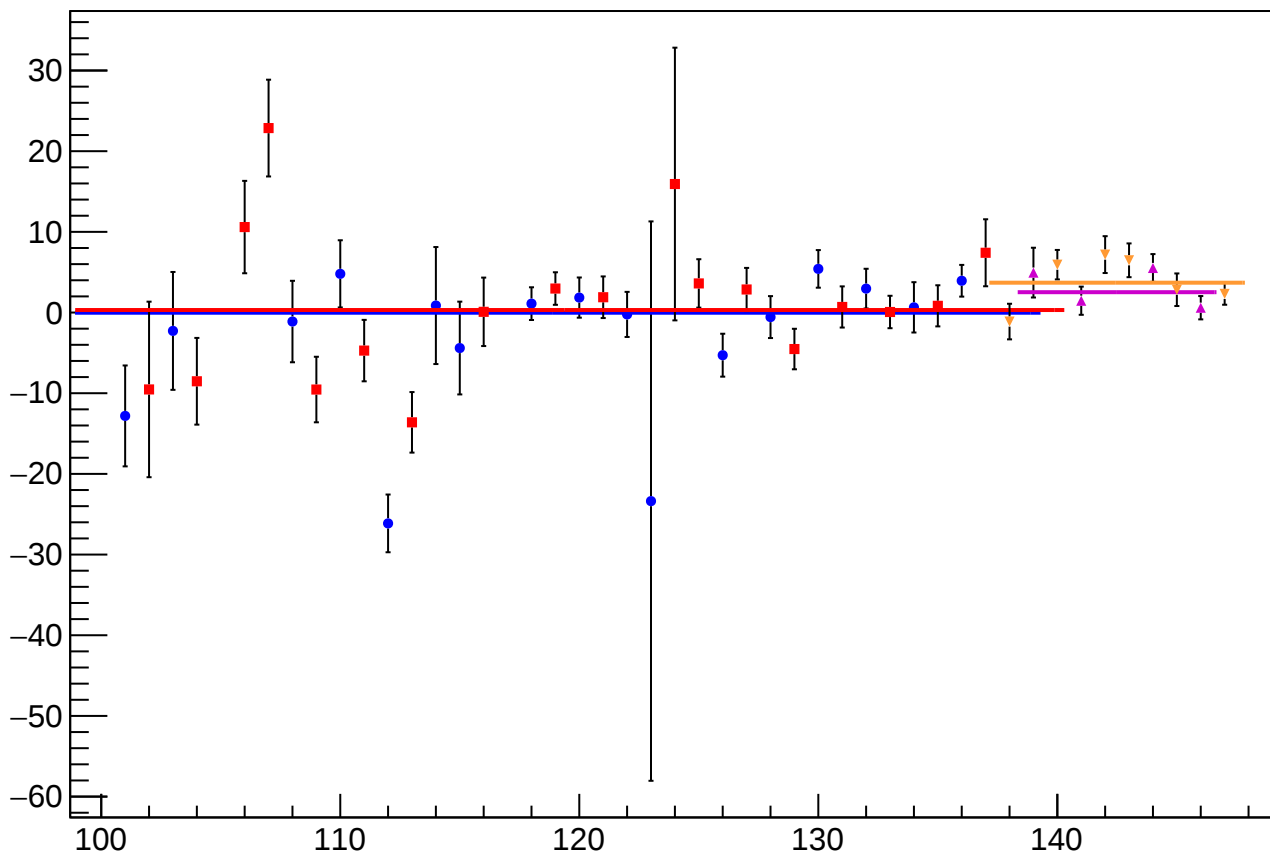
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 28.988+/-0.780 χ^2/NDF :1105.3/20

Out: 24.293+/-0.730 χ^2/NDF :2574.8/23

All: 26.484+/-0.533 χ^2/NDF : 3699.4/44

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: 2.522 ± 0.895 χ^2/NDF : 5.8/3

Left: 3.205 ± 0.580 χ^2/NDF : 18.4/9

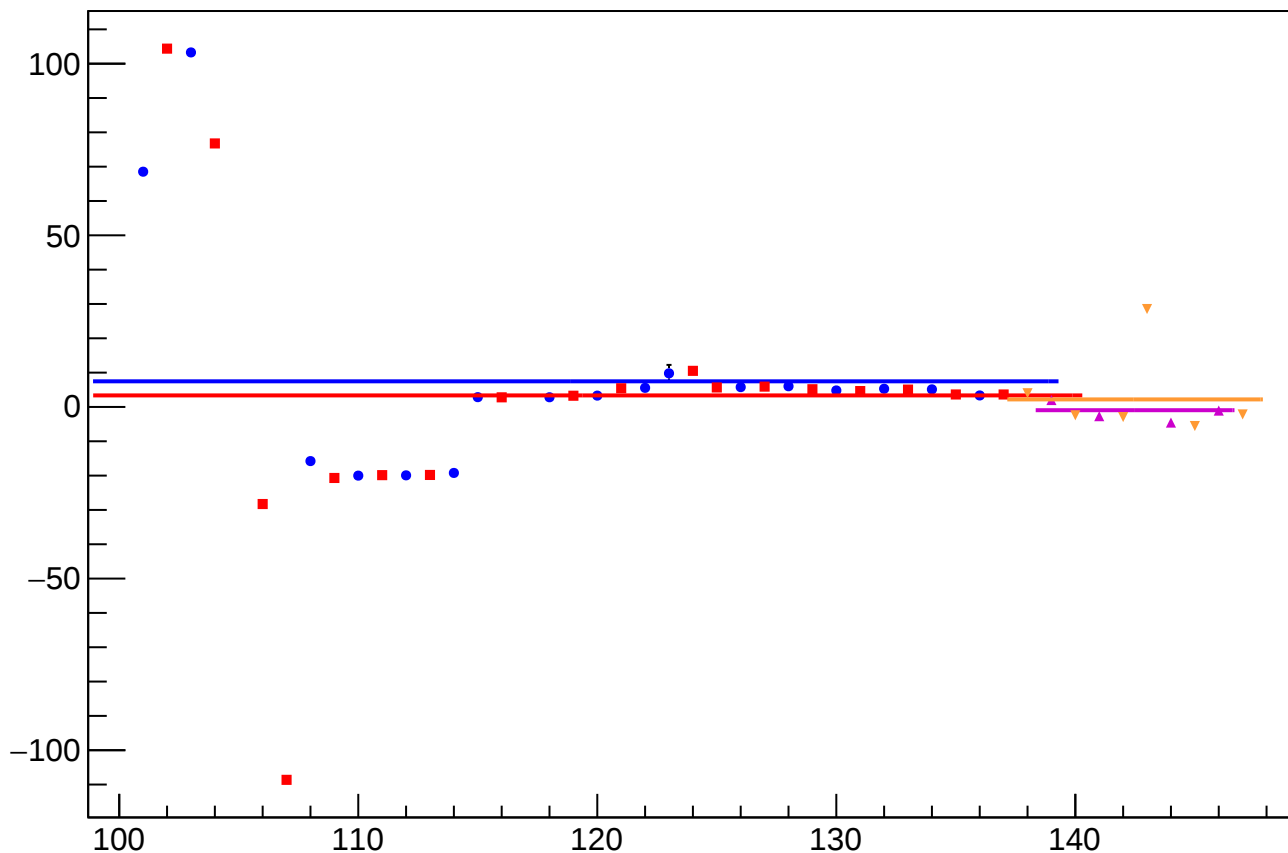
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.020 ± 0.572 χ^2/NDF : 86.4/20

Out: 1.978 ± 0.534 χ^2/NDF : 75.7/23

All: 1.532 ± 0.391 χ^2/NDF : 163.6/44

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: -0.947 ± 0.041 χ^2/NDF : 3759.1/3

Left: 0.760 ± 0.028 χ^2/NDF : 81794.9/9

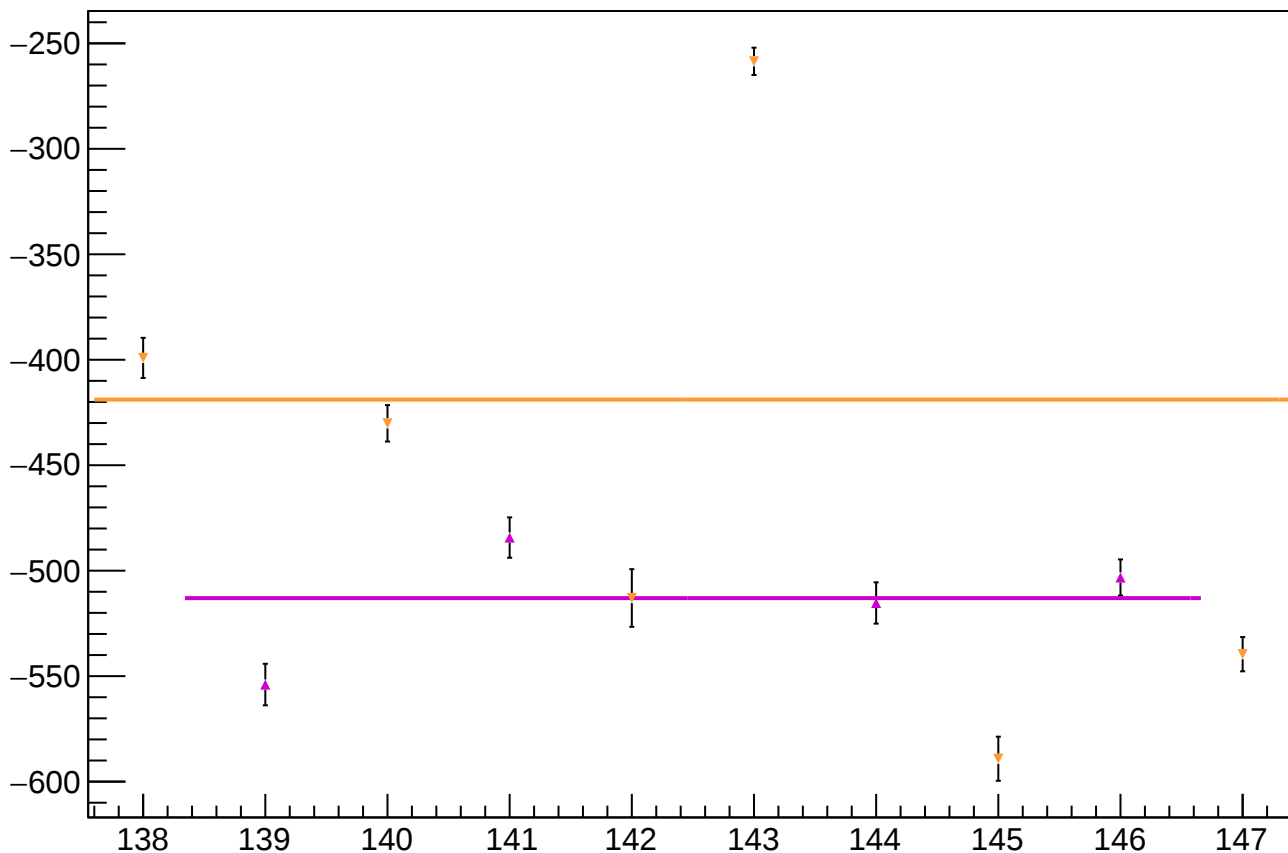
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 2.900 ± 0.030 χ^2/NDF : 379080.5/20

Out: 2.666 ± 0.029 χ^2/NDF : 580016.9/23

All: 2.779 ± 0.021 χ^2/NDF : 959128.7/44

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: -513.007+/-4.700 χ^2/NDF :27.7/3

Left: -453.469+/-2.849 χ^2/NDF : 1433.7/9

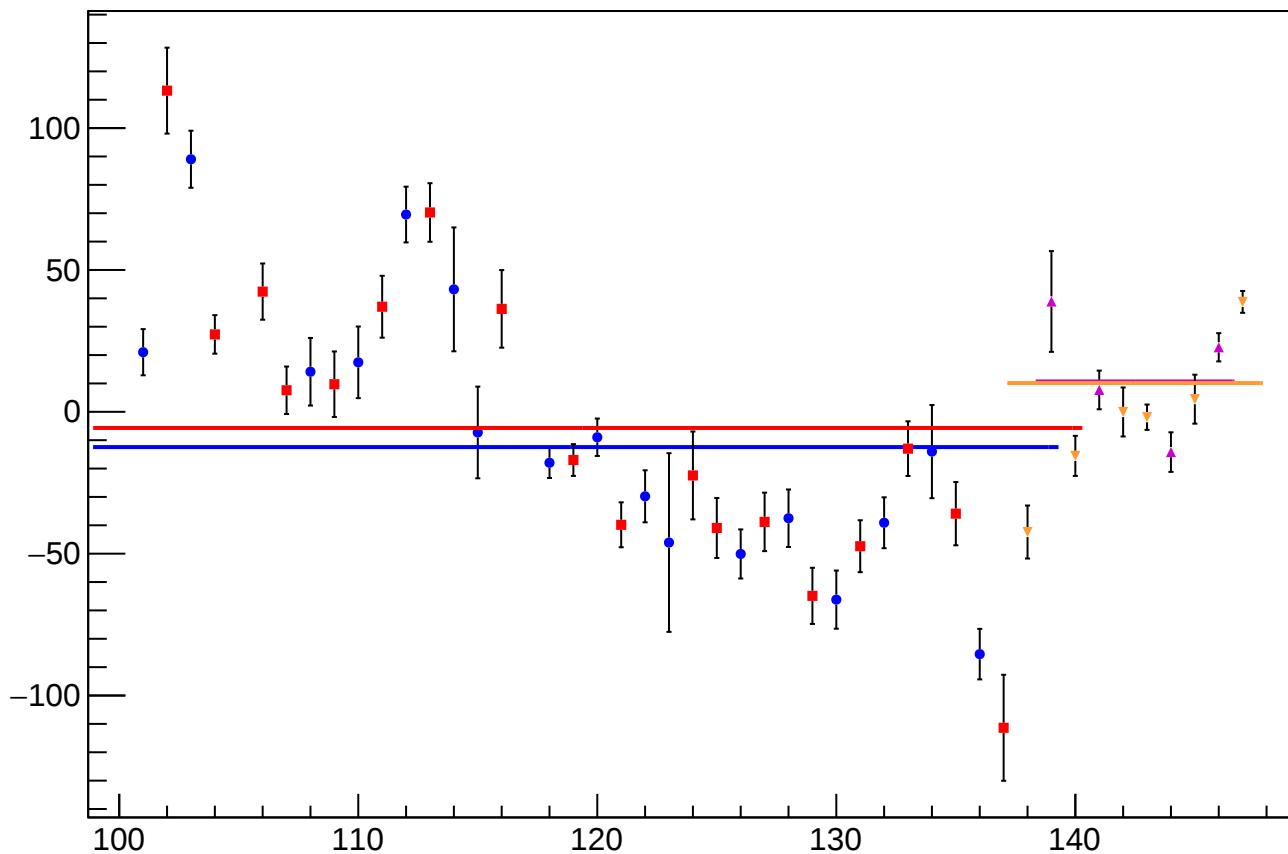
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.007+/-4.700 χ^2/NDF :27.7/3

Out: -418.894+/-3.582 χ^2/NDF :1152.4/5

All: -453.469+/-2.849 χ^2/NDF : 1433.7/9

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2 /NDF: 340.2/16

Left Out: 10.136 $\pm$ 2.382 χ^2 /NDF:109.2/5

Right Out: -5.686 $\pm$ 2.263 χ^2 /NDF: 333.7/17

Left In: 10.700 $\pm$ 3.416 χ^2 /NDF:21.3/3

Left: 10.321 $\pm$ 1.954 χ^2 /NDF: 130.6/9

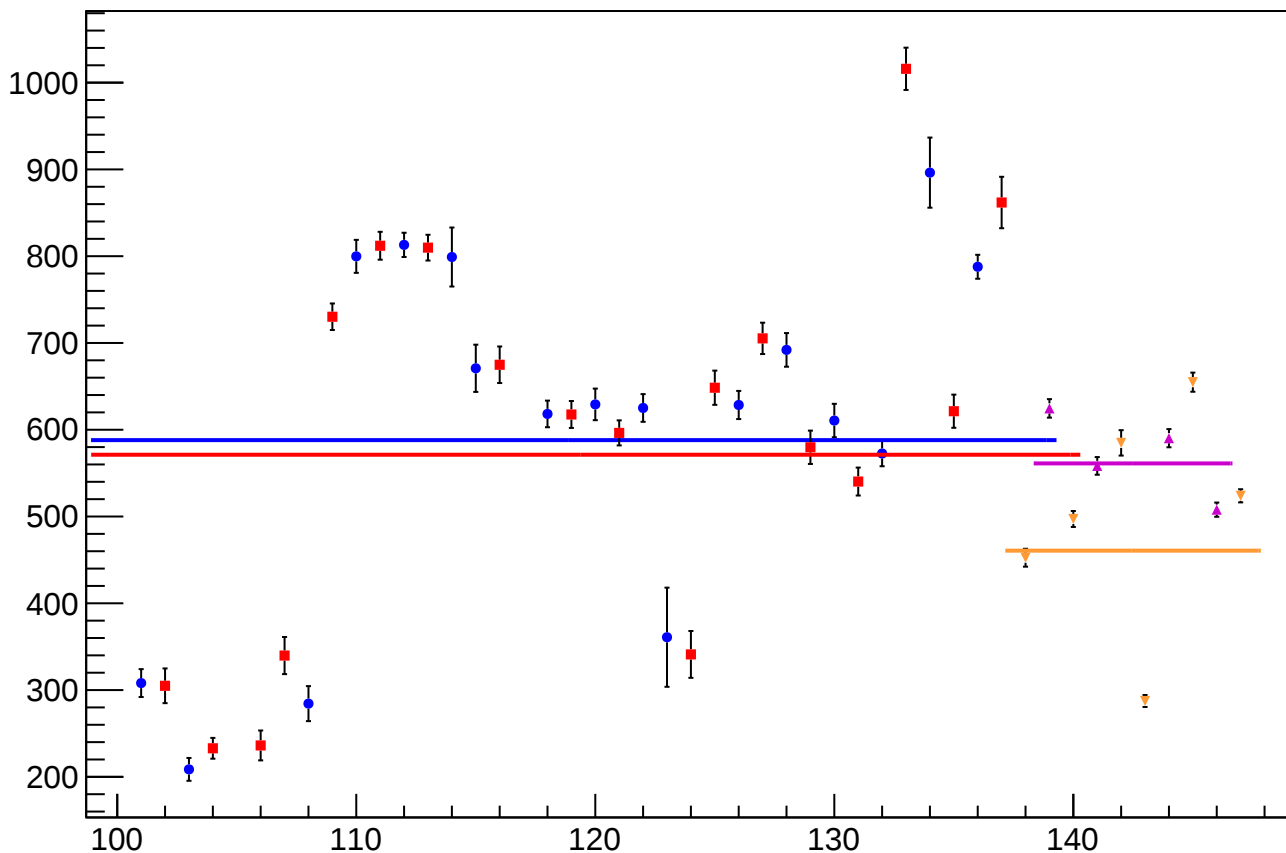
Right: -8.982 $\pm$ 1.618 χ^2 /NDF: 678.2/34

In: -5.152 $\pm$ 1.916 χ^2 /NDF:393.0/20

Out: 1.820 $\pm$ 1.641 χ^2 /NDF:466.1/23

All: -1.129 $\pm$ 1.246 χ^2 /NDF: 866.7/44

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: 561.194 $\pm$ 4.852 χ^2 /NDF:85.5/3

Left: 497.820 $\pm$ 2.949 χ^2 /NDF: 1453.2/9

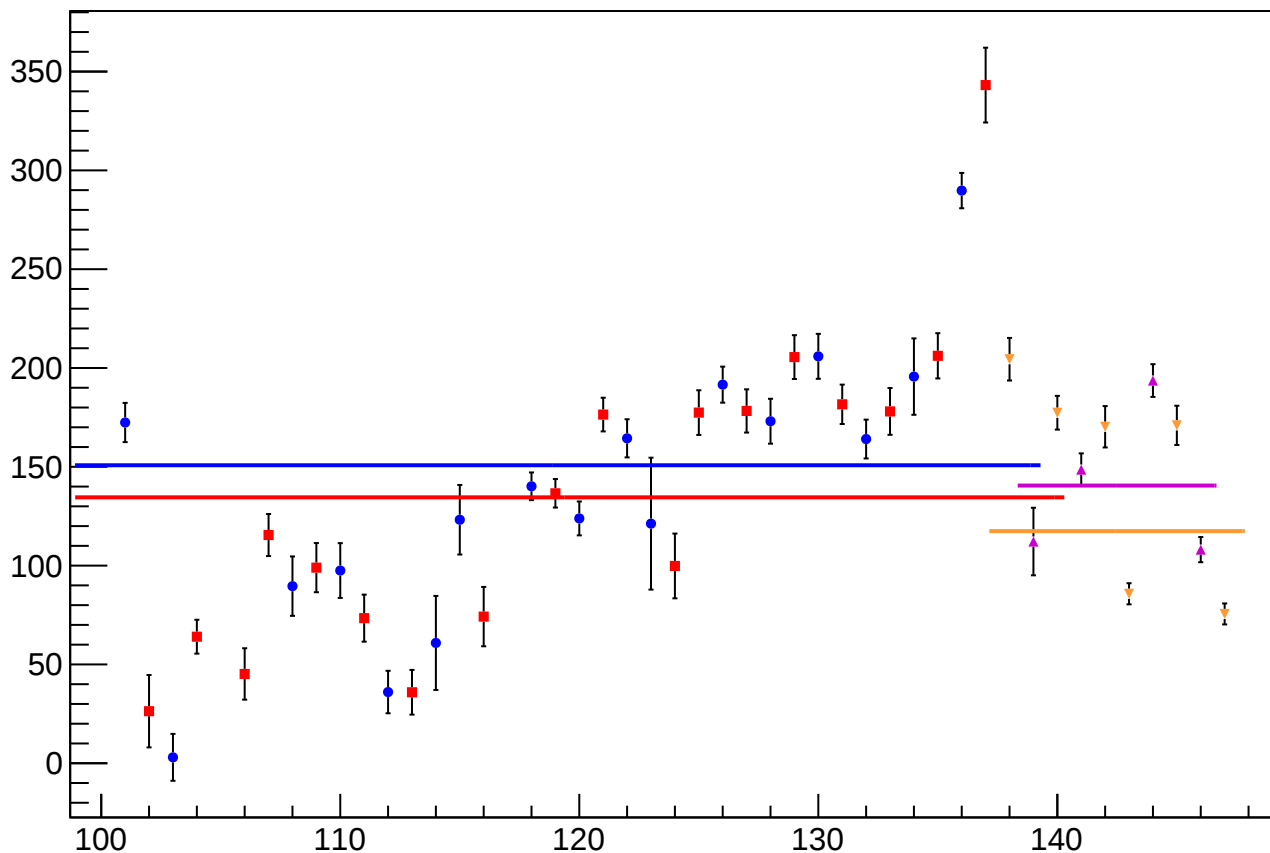
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 576.138 $\pm$ 3.230 χ^2 /NDF:2230.3/20

Out: 509.827 $\pm$ 2.768 χ^2 /NDF:4171.2/23

All: 537.902 $\pm$ 2.102 χ^2 /NDF: 6644.5/44

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: 140.515 $\pm$ 4.170 χ^2 /NDF:70.9/3

Left: 125.271 $\pm$ 2.428 χ^2 /NDF: 357.7/9

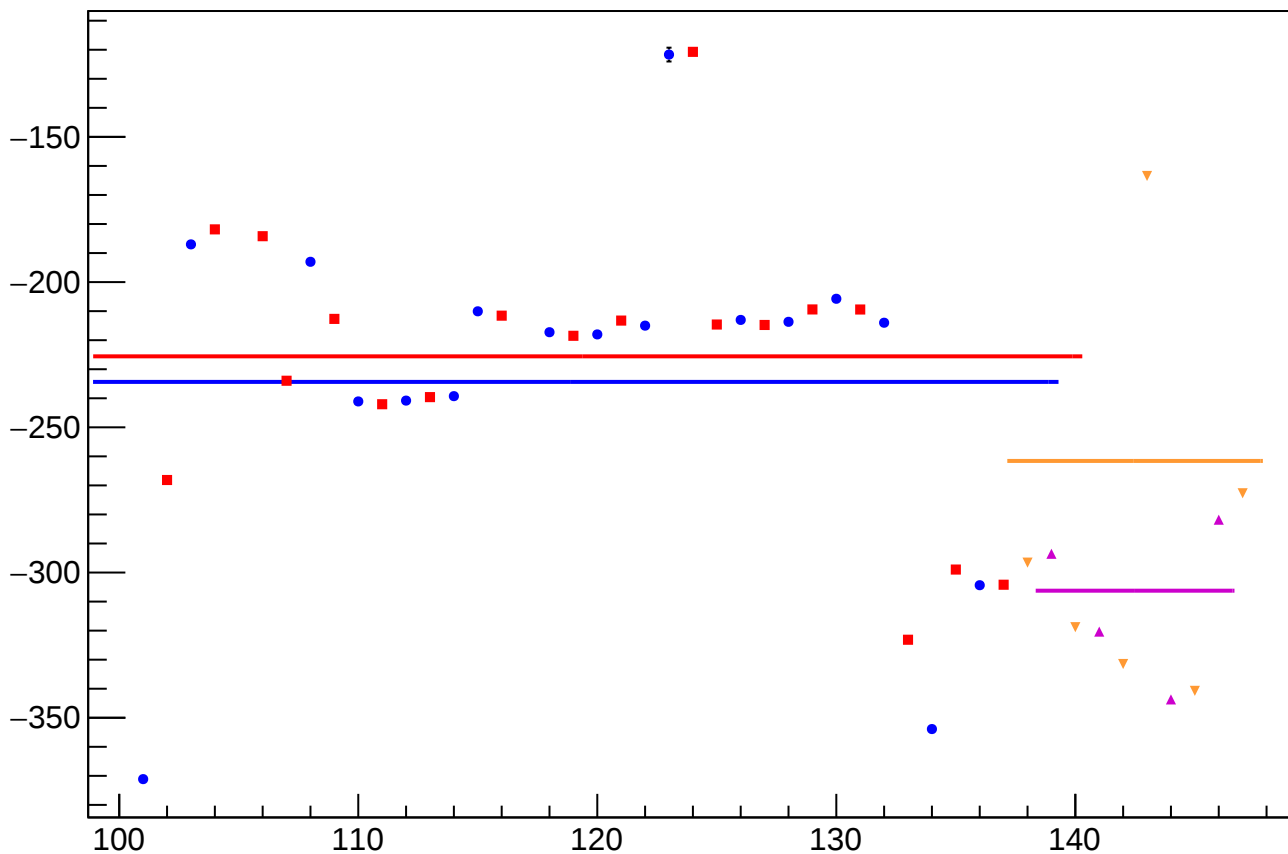
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 147.784 $\pm$ 2.254 χ^2 /NDF:708.3/20

Out: 127.115 $\pm$ 1.969 χ^2 /NDF:861.3/23

All: 136.061 $\pm$ 1.483 χ^2 /NDF: 1617.3/44

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: -306.248+/-0.201 χ^2/NDF : 13177.6/3

Left: -278.368+/-0.123 χ^2/NDF : 244138.7/9

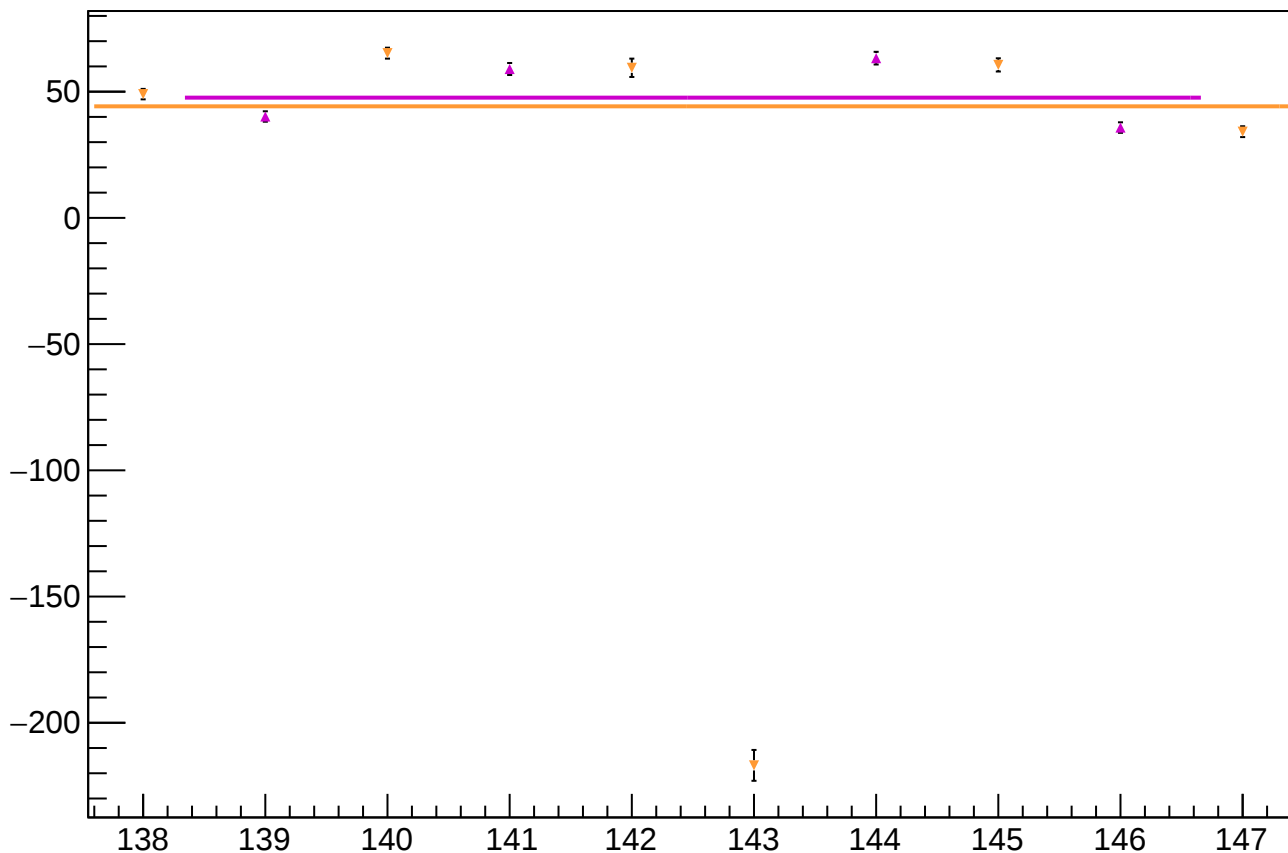
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -259.723+/-0.119 χ^2/NDF : 241039.5/20

Out: -241.859+/-0.105 χ^2/NDF : 322255.1/23

All: -249.646+/-0.079 χ^2/NDF : 575909.6/44

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: 47.630+/-1.119 χ^2/NDF :106.9/3

Left: 45.796+/-0.765 χ^2/NDF : 2115.1/9

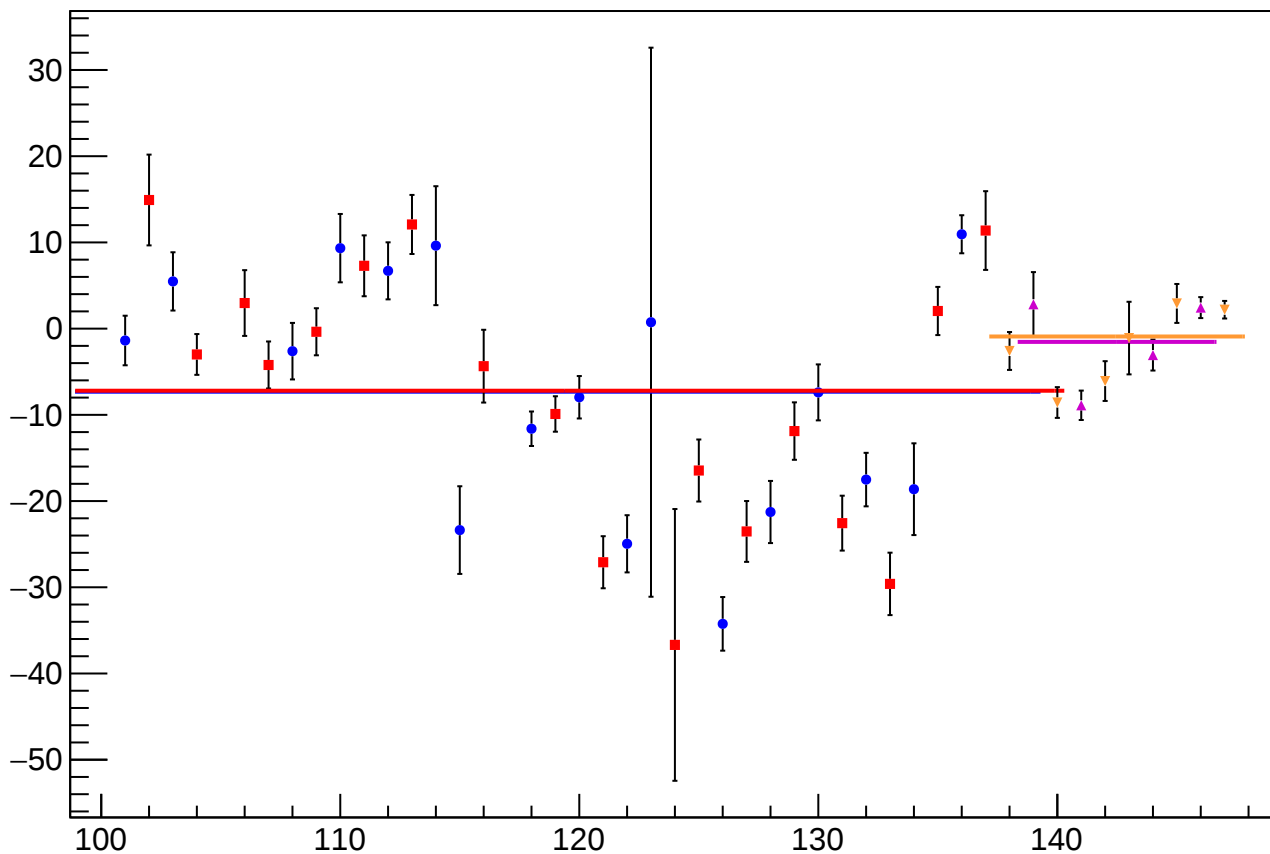
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.630+/-1.119 χ^2/NDF :106.9/3

Out: 44.188+/-1.048 χ^2/NDF :2003.2/5

All: 45.796+/-0.765 χ^2/NDF : 2115.1/9

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: -1.538 ± 0.844 χ^2/NDF : 31.4/3

Left: -1.176 ± 0.548 χ^2/NDF : 67.9/9

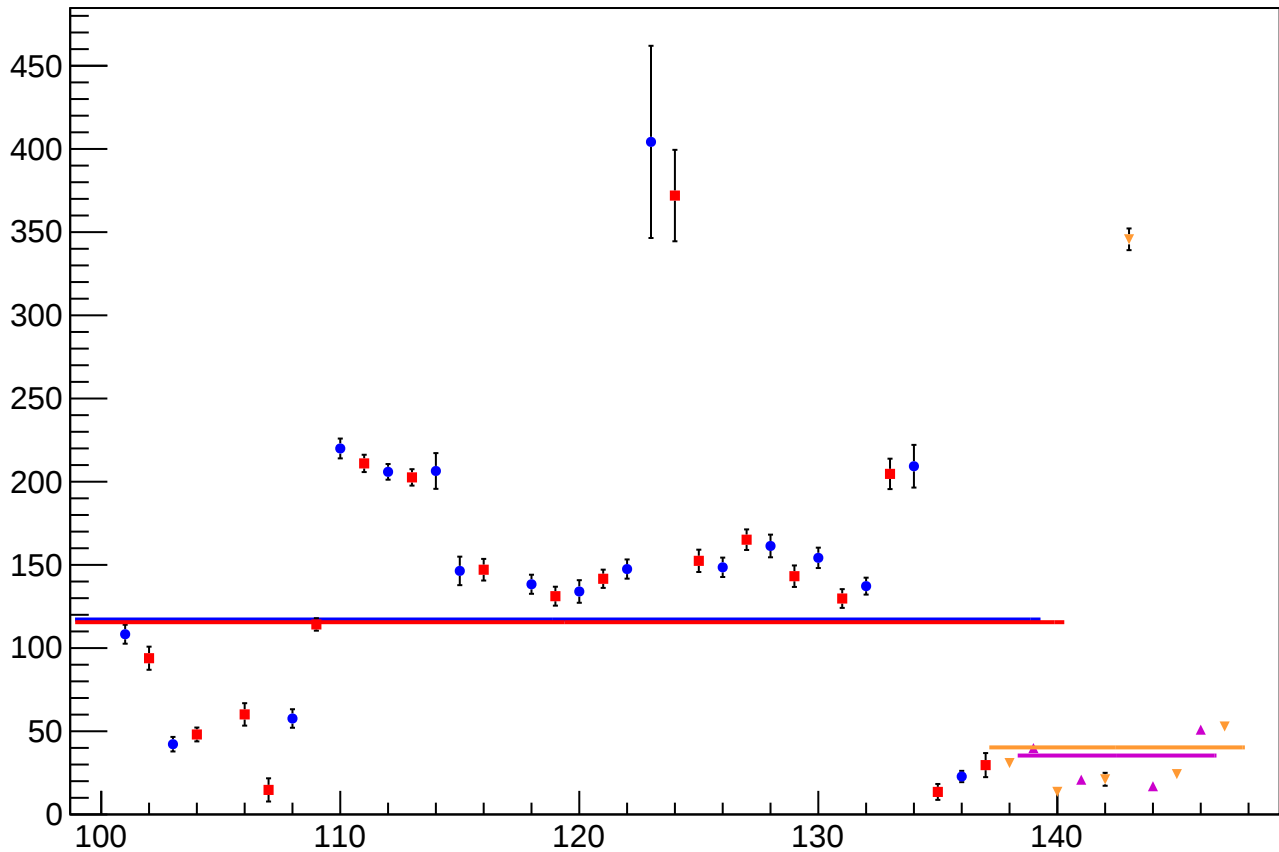
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -4.654 ± 0.573 χ^2/NDF : 335.7/20

Out: -3.884 ± 0.524 χ^2/NDF : 324.3/23

All: -4.234 ± 0.387 χ^2/NDF : 661.0/44

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: 35.406 $\pm$ 1.158 χ^2 /NDF:144.9/3

Left: 38.028 $\pm$ 0.789 χ^2 /NDF: 2599.5/9

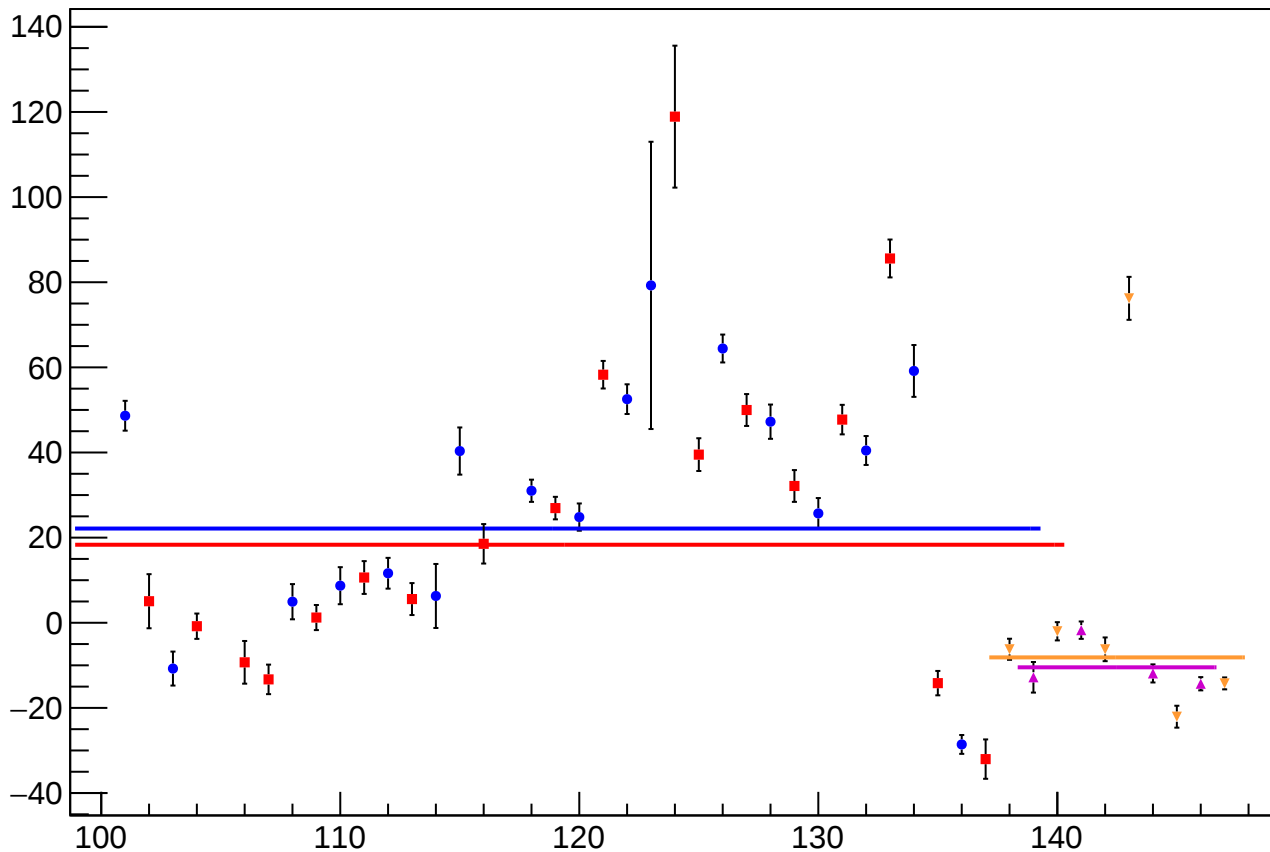
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 68.305 $\pm$ 0.895 χ^2 /NDF:4310.8/20

Out: 69.295 $\pm$ 0.846 χ^2 /NDF:6467.6/23

All: 68.828 $\pm$ 0.615 χ^2 /NDF: 10779.0/44

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -8.134 $\pm$ 0.910 χ^2 /NDF:336.7/5

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -10.467 $\pm$ 1.026 χ^2 /NDF:25.2/3

Left: -9.162 $\pm$ 0.681 χ^2 /NDF: 364.8/9

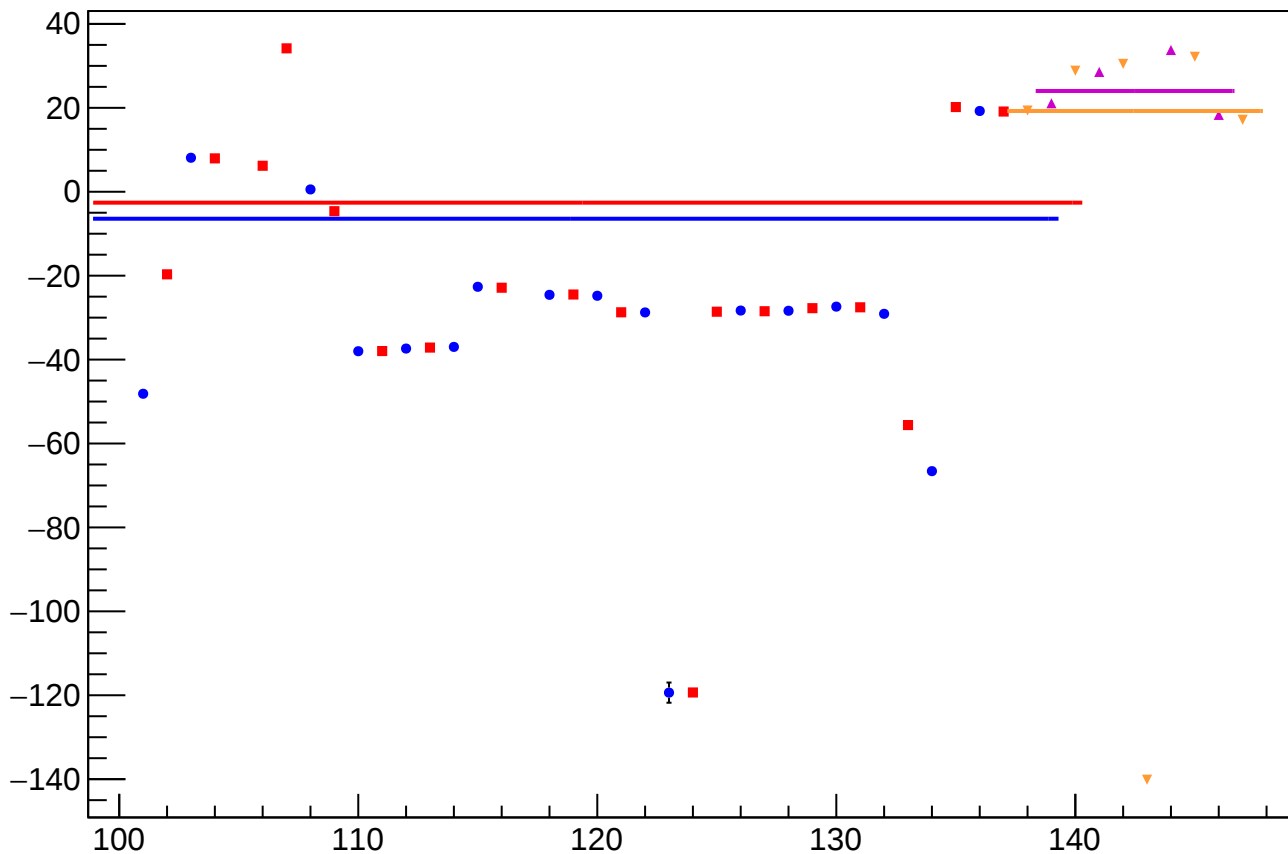
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 8.121 $\pm$ 0.673 χ^2 /NDF:1664.7/20

Out: 5.669 $\pm$ 0.630 χ^2 /NDF:1847.7/23

All: 6.814 $\pm$ 0.460 χ^2 /NDF: 3519.6/44

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: 24.018+/-0.047 χ^2/NDF :14087.8/3

Left: 21.539+/-0.033 χ^2/NDF : 417783.2/9

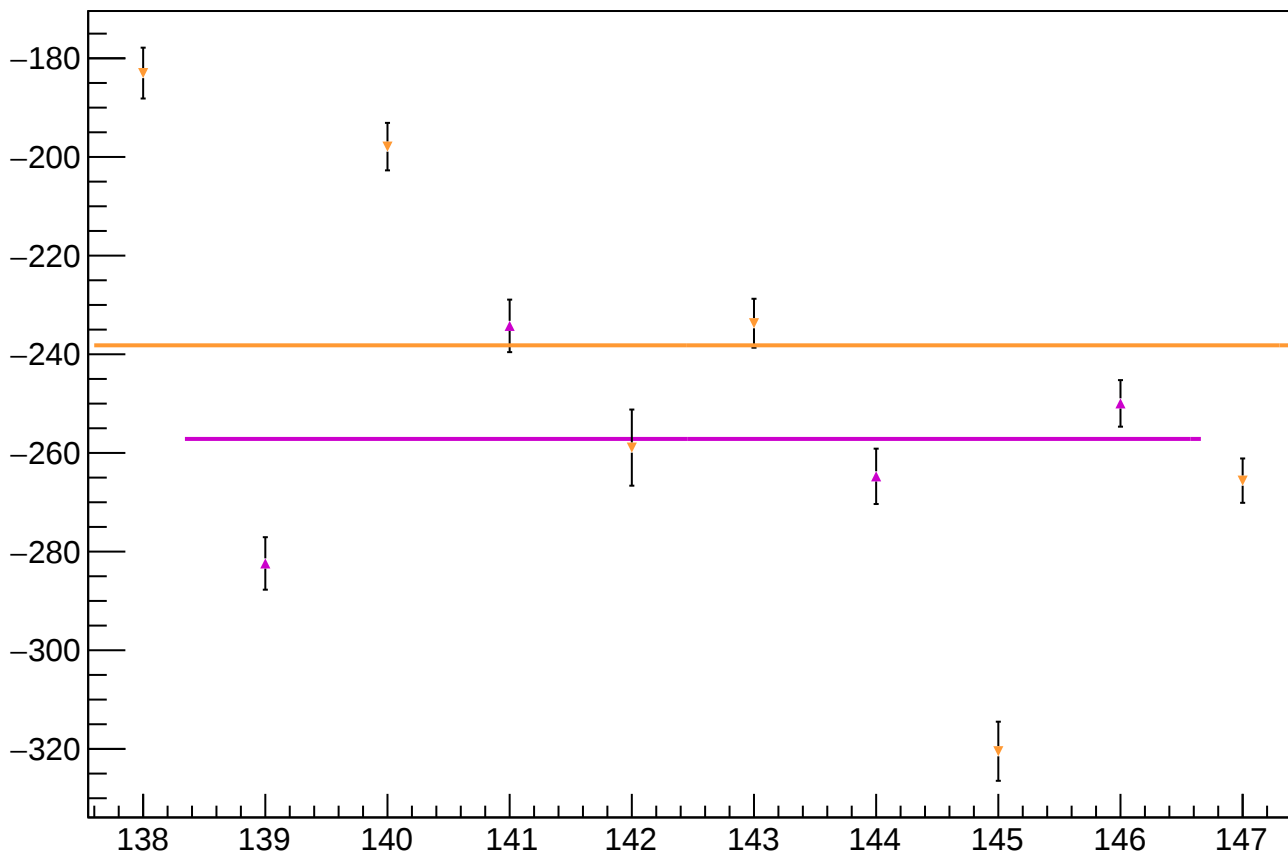
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 8.451+/-0.033 χ^2/NDF :491376.2/20

Out: 8.415+/-0.032 χ^2/NDF :776815.1/23

All: 8.433+/-0.023 χ^2/NDF : 1268191.9/44

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: -257.160+/-2.606 χ^2/NDF :45.2/3

Left: -245.886+/-1.660 χ^2/NDF : 495.3/9

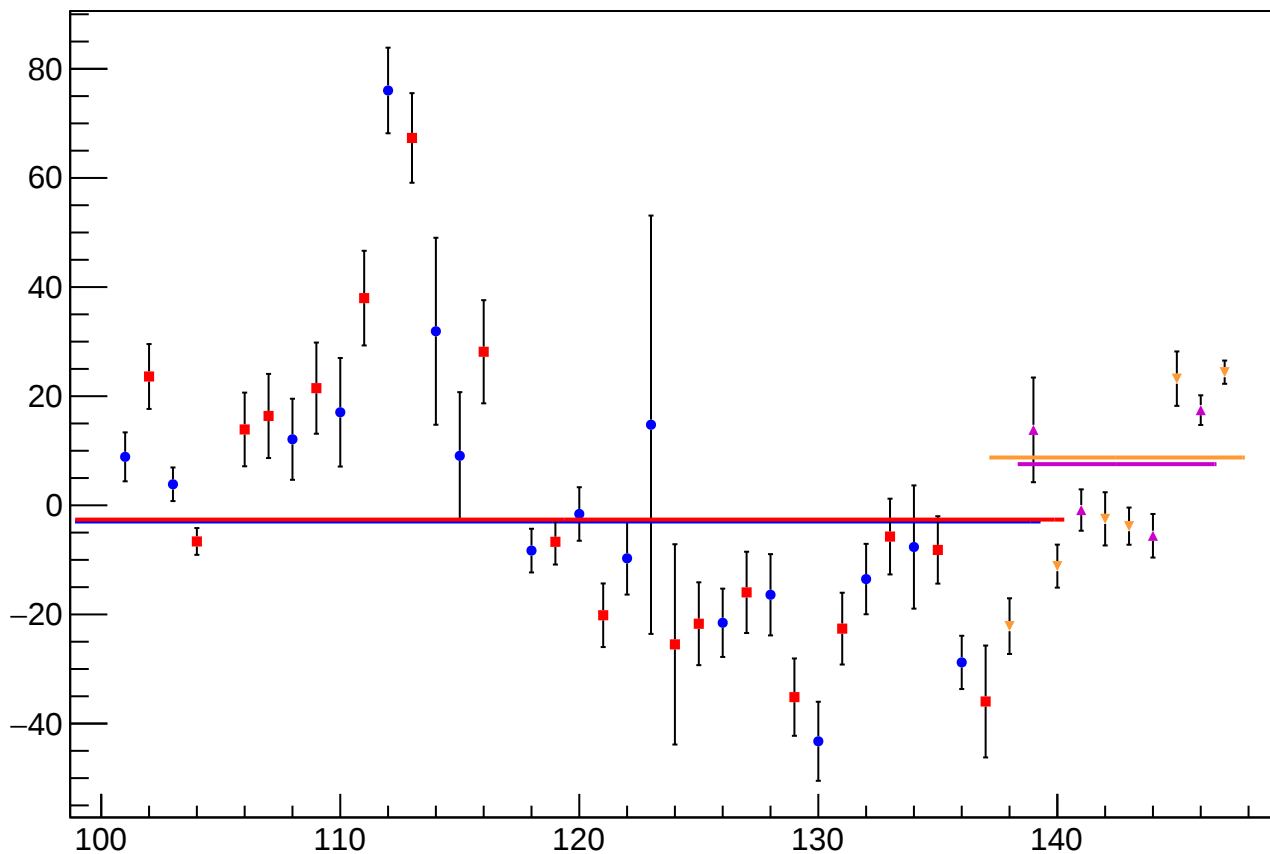
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.160+/-2.606 χ^2/NDF :45.2/3

Out: -238.185+/-2.154 χ^2/NDF :418.6/5

All: -245.886+/-1.660 χ^2/NDF : 495.3/9

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 $\pm$ 1.452 χ^2/NDF : 203.5/16

Left Out: 8.763 $\pm$ 1.426 χ^2/NDF :143.5/5

Right Out: -2.615 $\pm$ 1.399 χ^2/NDF : 210.5/17

Left In: 7.546 $\pm$ 1.896 χ^2/NDF :29.4/3

Left: 8.323 $\pm$ 1.140 χ^2/NDF : 173.1/9

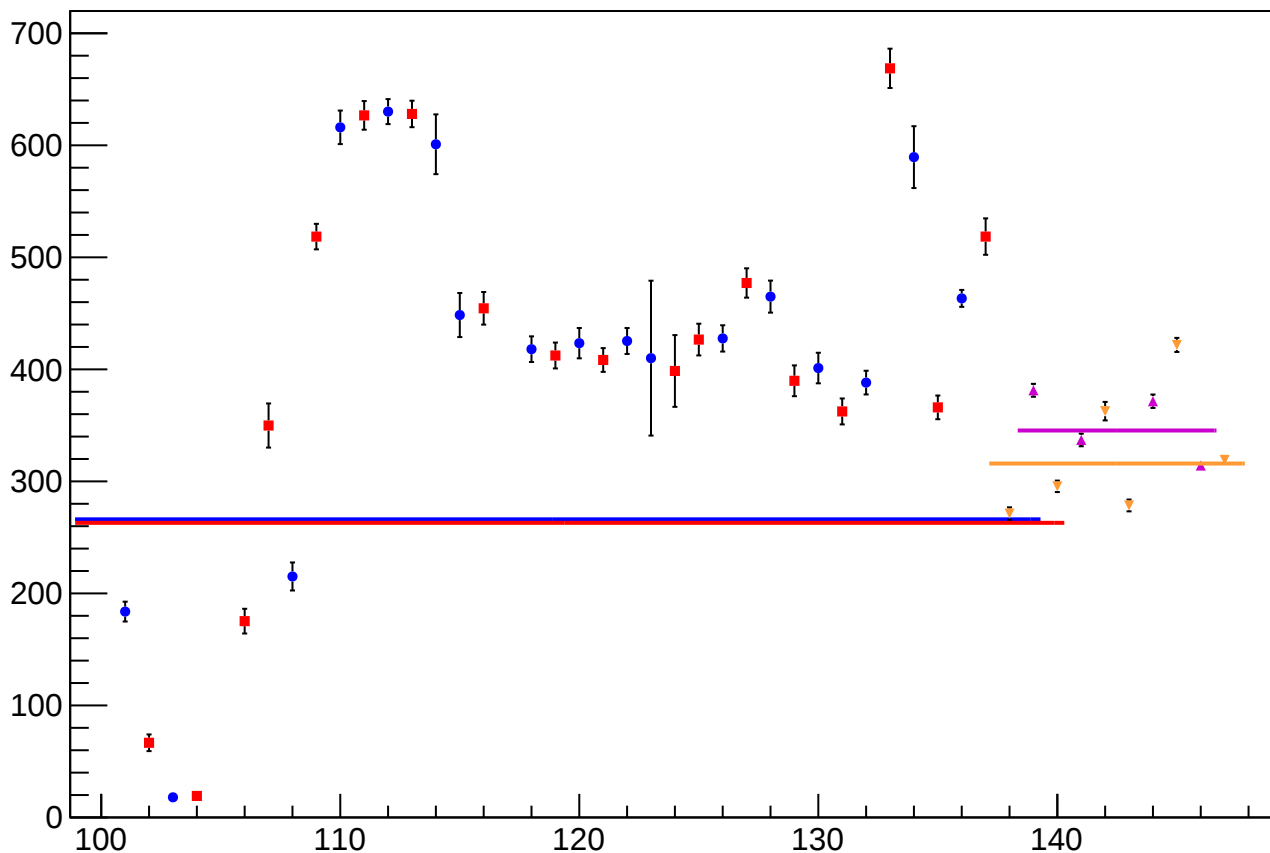
Right: -2.783 $\pm$ 1.008 χ^2/NDF : 414.0/34

In: 0.924 $\pm$ 1.153 χ^2/NDF :252.3/20

Out: 2.964 $\pm$ 0.999 χ^2/NDF :386.4/23

All: 2.089 $\pm$ 0.755 χ^2/NDF : 640.5/44

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: 345.432 $\pm$ 2.688 χ^2 /NDF:108.2/3

Left: 327.910 $\pm$ 1.713 χ^2 /NDF: 625.1/9

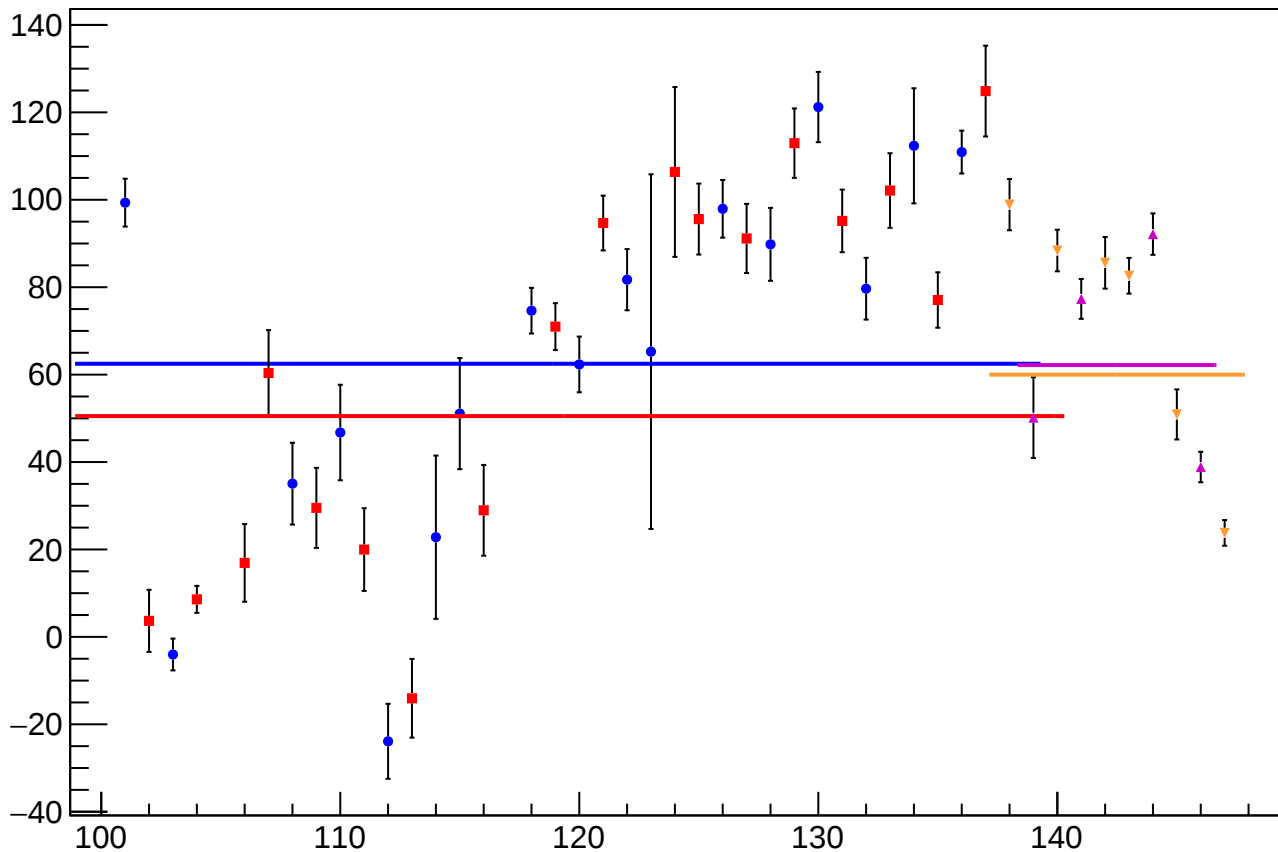
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 302.586 $\pm$ 1.823 χ^2 /NDF:8222.5/20

Out: 292.223 $\pm$ 1.651 χ^2 /NDF:8871.7/23

All: 296.893 $\pm$ 1.224 χ^2 /NDF: 17111.9/44

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 59.997 $\pm$ 1.802 χ^2 /NDF:283.3/5

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 62.186 $\pm$ 2.316 χ^2 /NDF:97.3/3

Left: 60.822 $\pm$ 1.422 χ^2 /NDF: 381.2/9

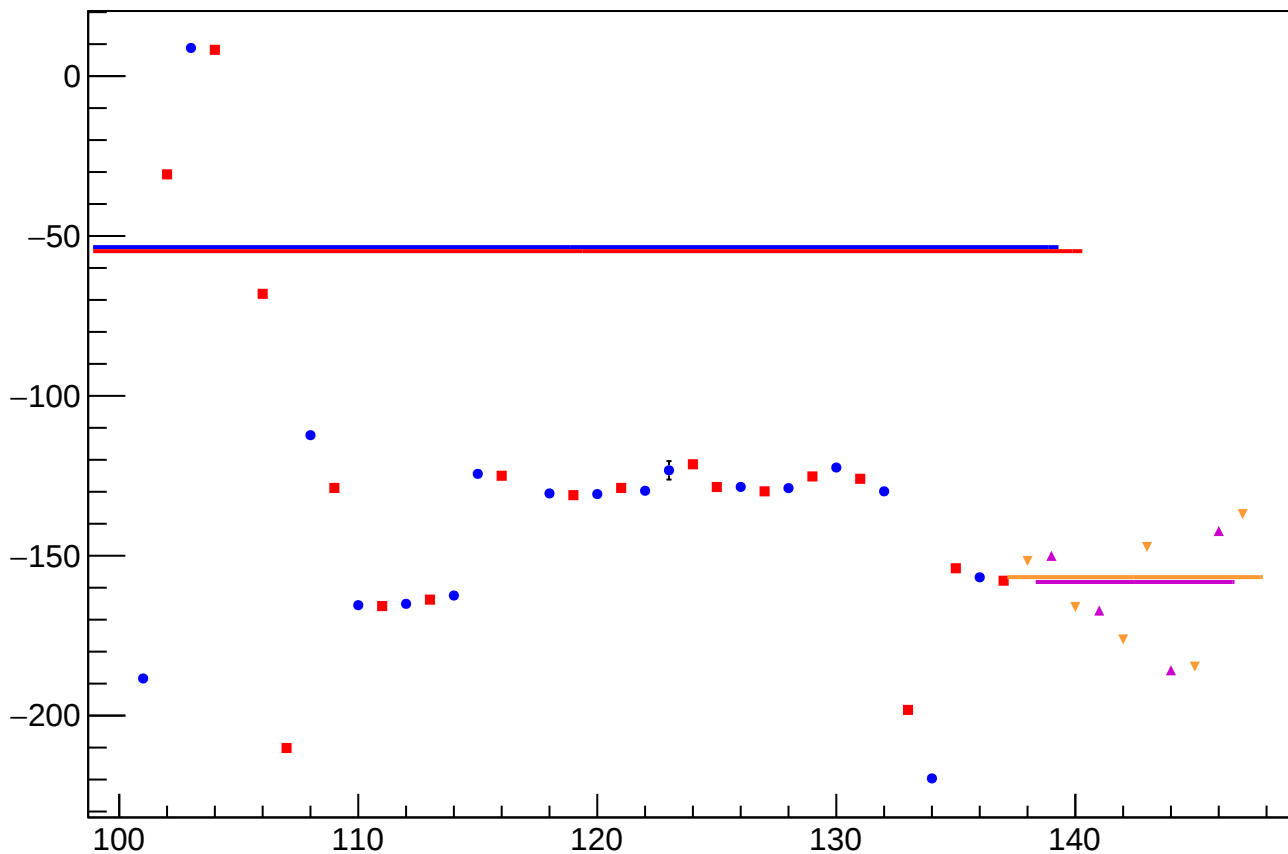
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 62.382 $\pm$ 1.360 χ^2 /NDF:818.1/20

Out: 54.819 $\pm$ 1.215 χ^2 /NDF:949.1/23

All: 58.173 $\pm$ 0.906 χ^2 /NDF: 1784.4/44

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -156.699 $\pm$ 0.094 χ^2 /NDF: 30299.6/5

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -158.218 $\pm$ 0.111 χ^2 /NDF: 20100.3/3

Left: -157.333 $\pm$ 0.072 χ^2 /NDF: 50508.8/9

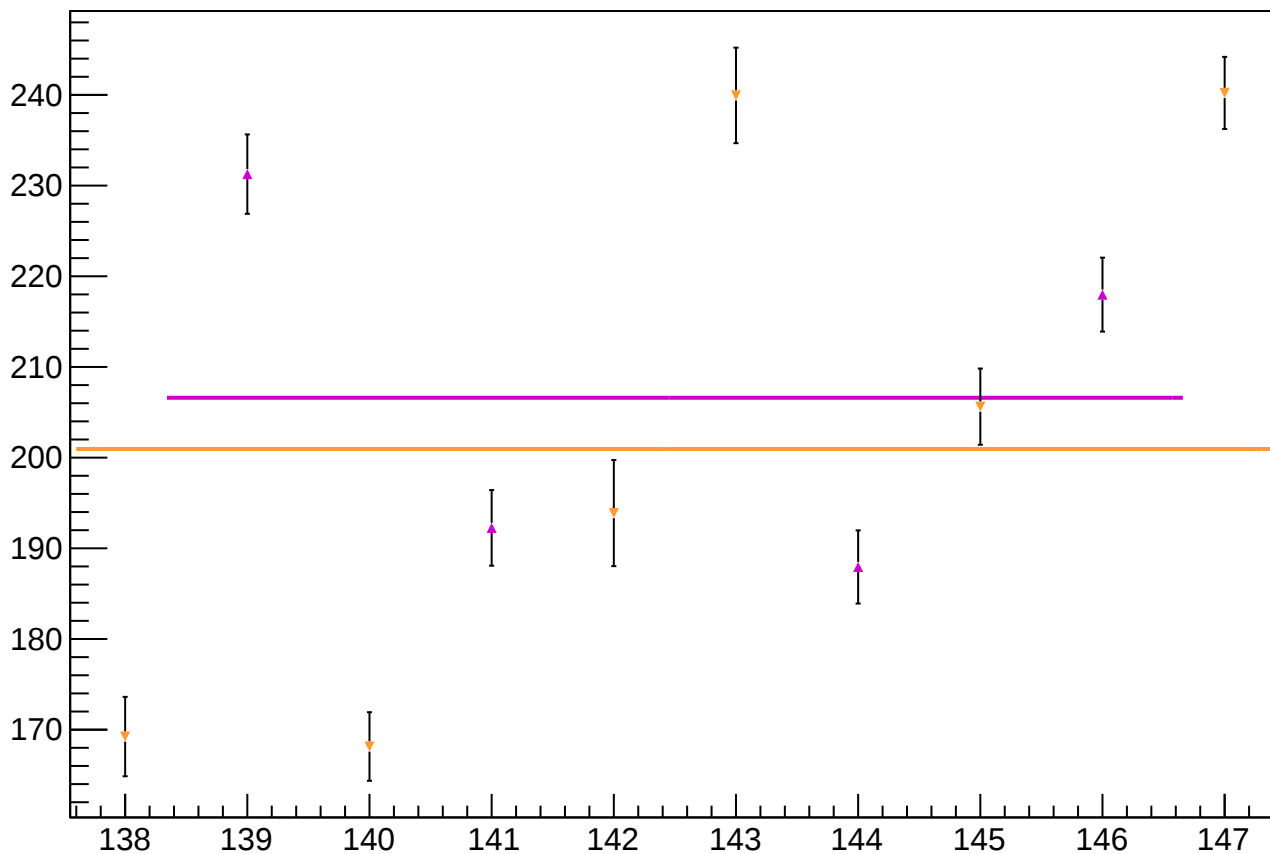
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -83.427 $\pm$ 0.059 χ^2 /NDF: 1883316.3/20

Out: -92.522 $\pm$ 0.057 χ^2 /NDF: 1722896.2/23

All: -88.145 $\pm$ 0.041 χ^2 /NDF: 3618365.3/44

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: 206.604+/-2.080 χ^2/NDF :72.7/3

Left: 203.380+/-1.363 χ^2/NDF : 359.8/9

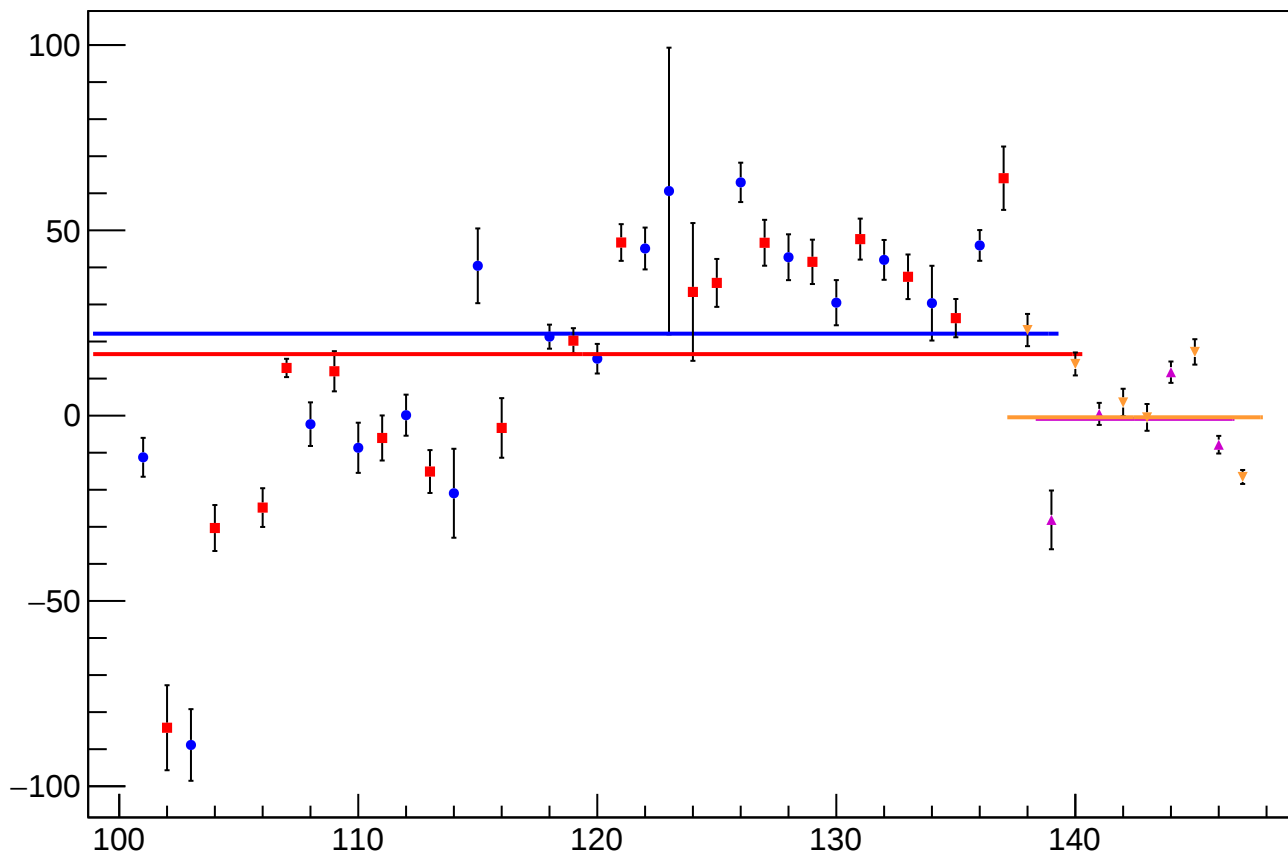
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.604+/-2.080 χ^2/NDF :72.7/3

Out: 200.955+/-1.804 χ^2/NDF :282.9/5

All: 203.380+/-1.363 χ^2/NDF : 359.8/9

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -0.445 ± 1.219 $\chi^2/\text{NDF}: 151.5/5$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -0.863 ± 1.532 $\chi^2/\text{NDF}: 39.7/3$

Left: -0.607 ± 0.954 $\chi^2/\text{NDF}: 191.3/9$

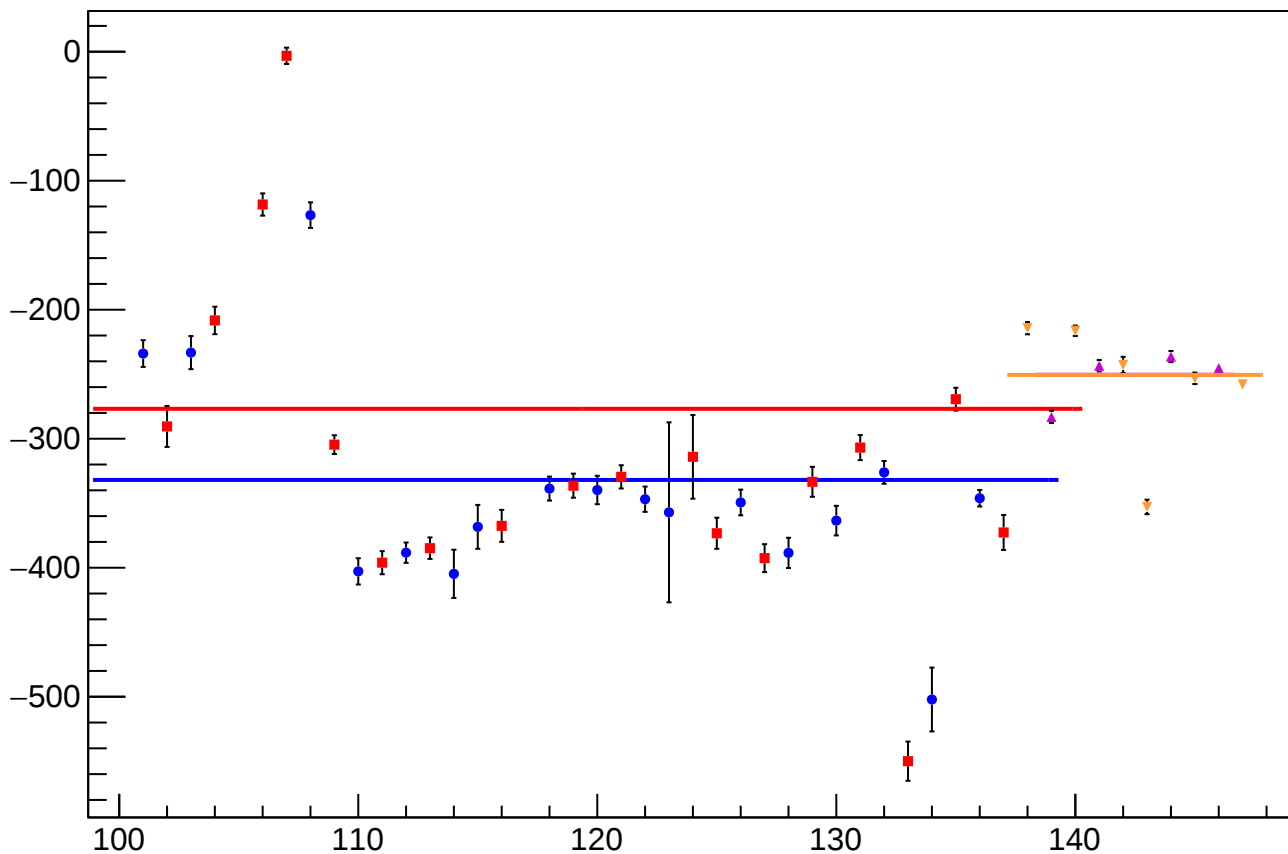
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 11.855 ± 1.024 $\chi^2/\text{NDF}: 546.2/20$

Out: 8.006 ± 0.865 $\chi^2/\text{NDF}: 665.4/23$

All: 9.610 ± 0.661 $\chi^2/\text{NDF}: 1219.8/44$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -250.524 $\pm$ 1.869 χ^2 /NDF: 468.4/5

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -250.441 $\pm$ 2.157 χ^2 /NDF: 62.6/3

Left: -250.489 $\pm$ 1.412 χ^2 /NDF: 530.9/9

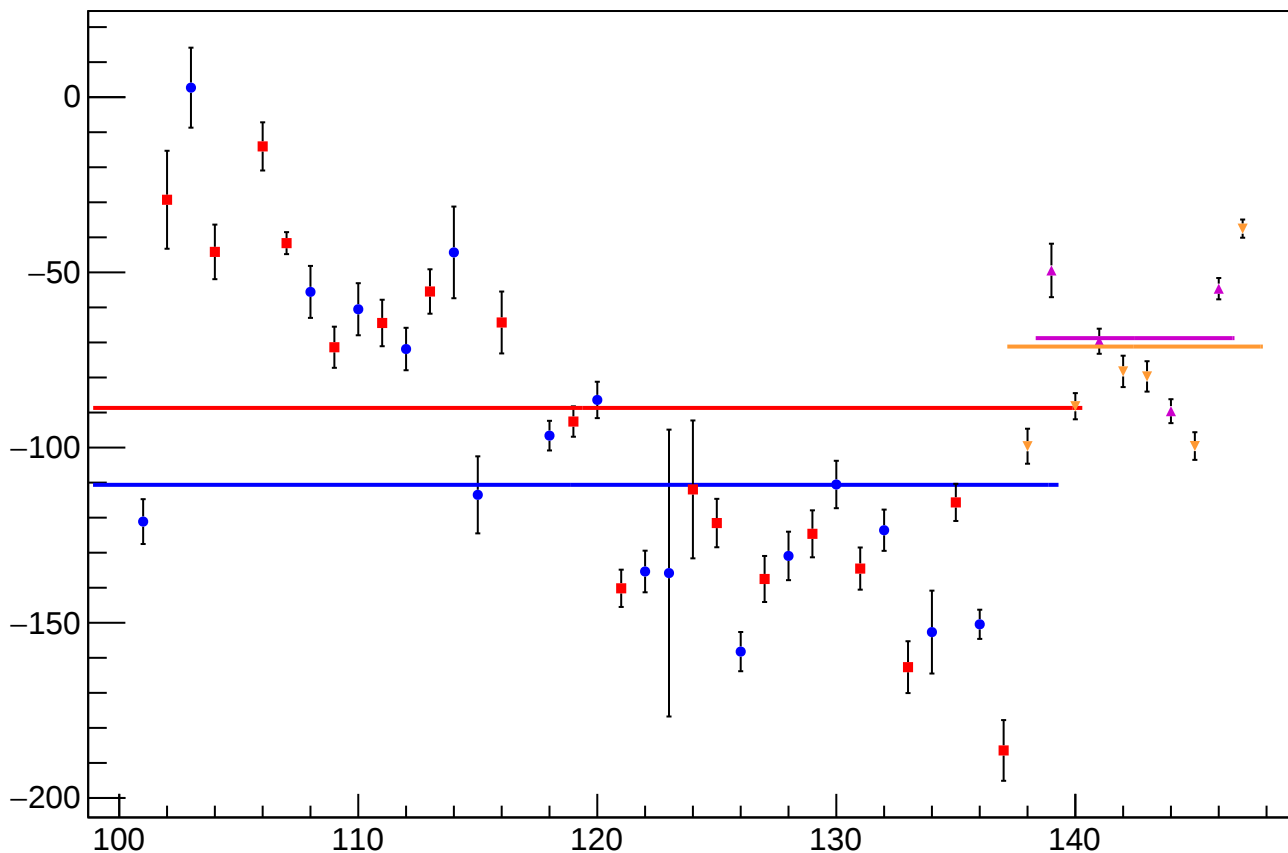
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -284.174 $\pm$ 1.652 χ^2 /NDF: 1439.0/20

Out: -260.815 $\pm$ 1.458 χ^2 /NDF: 3876.2/23

All: -271.044 $\pm$ 1.093 χ^2 /NDF: 5427.7/44

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: -68.765+/-1.860 χ^2/NDF : 65.3/3

Left: -70.200+/-1.182 χ^2/NDF : 345.3/9

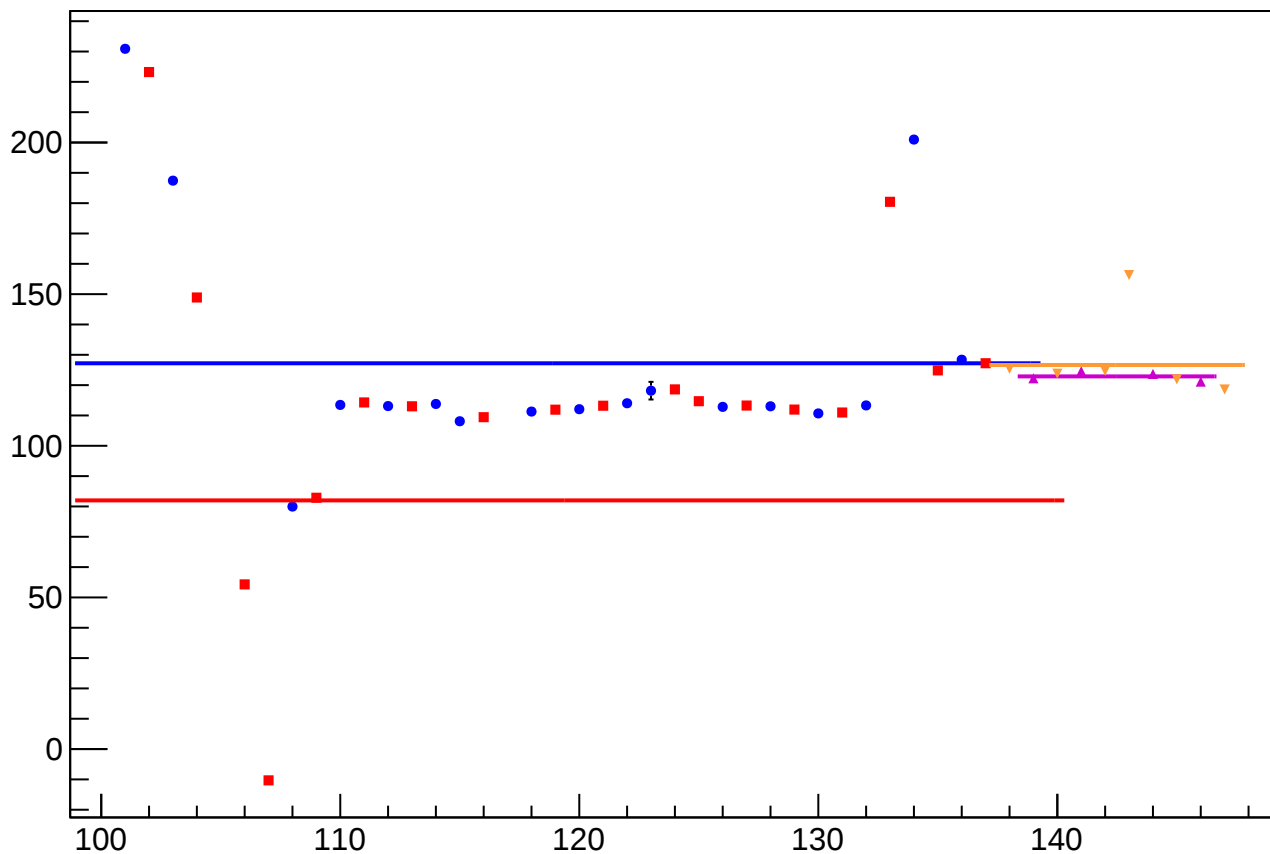
Right: -98.593+/-1.062 χ^2/NDF : 1578.5/34

In: -93.073+/-1.205 χ^2/NDF : 868.2/20

Out: -80.493+/-1.047 χ^2/NDF : 1312.8/23

All: -85.904+/-0.790 χ^2/NDF : 2243.1/44

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: 122.883 $\pm$ 0.089 χ^2/NDF :215.8/3

Left: 125.000 $\pm$ 0.059 χ^2/NDF : 21627.1/9

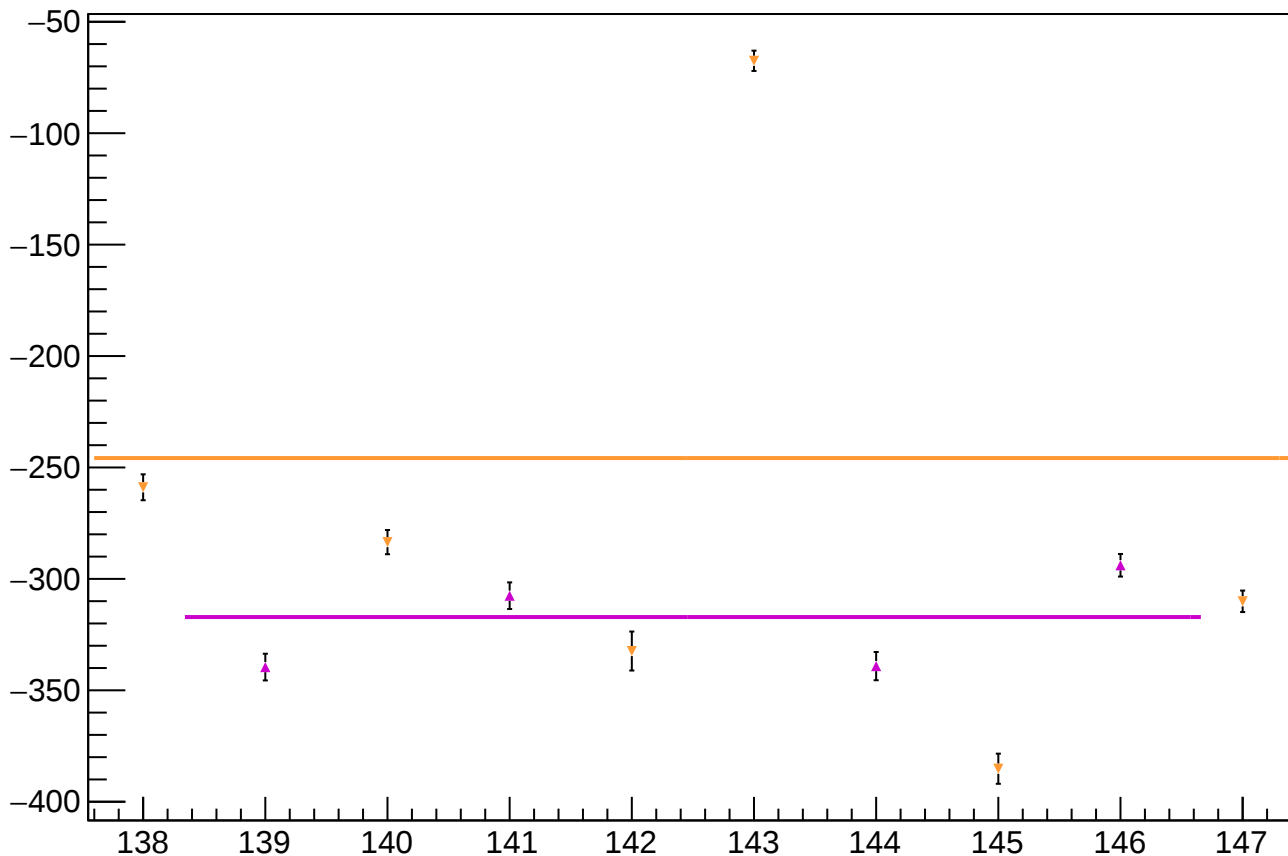
Right: 100.877 $\pm$ 0.058 χ^2/NDF : 1087676.4/34

In: 125.046 $\pm$ 0.063 χ^2/NDF :189416.3/20

Out: 103.377 $\pm$ 0.054 χ^2/NDF :937811.8/23

All: 112.642 $\pm$ 0.041 χ^2/NDF : 1194834.7/44

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: -317.124+/-2.891 χ^2/NDF :49.7/3

Left: -273.373+/-1.798 χ^2/NDF : 2712.5/9

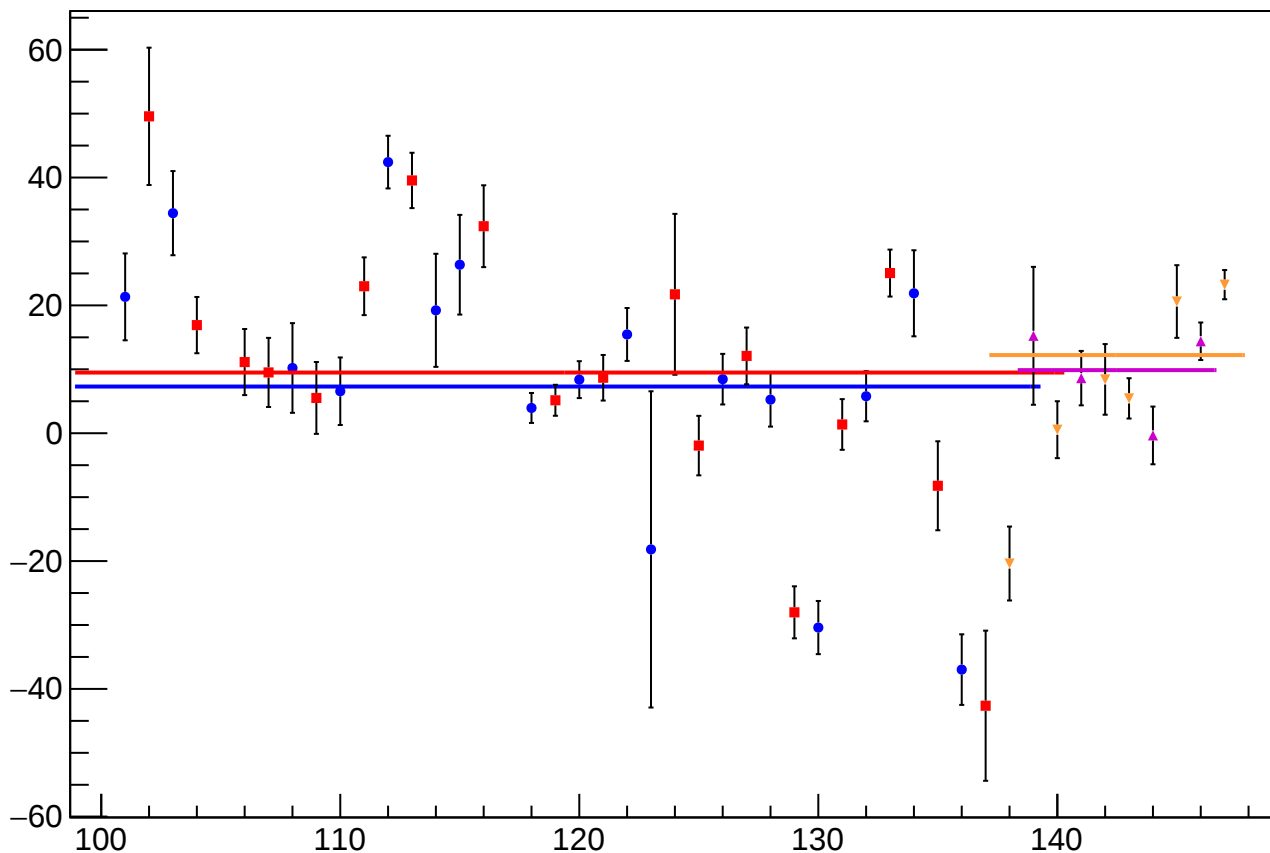
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -317.124+/-2.891 χ^2/NDF :49.7/3

Out: -245.780+/-2.296 χ^2/NDF :2289.4/5

All: -273.373+/-1.798 χ^2/NDF : 2712.5/9

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: 9.870 ± 2.090 χ^2/NDF : 7.8/3

Left: 11.417 ± 1.226 χ^2/NDF : 77.9/9

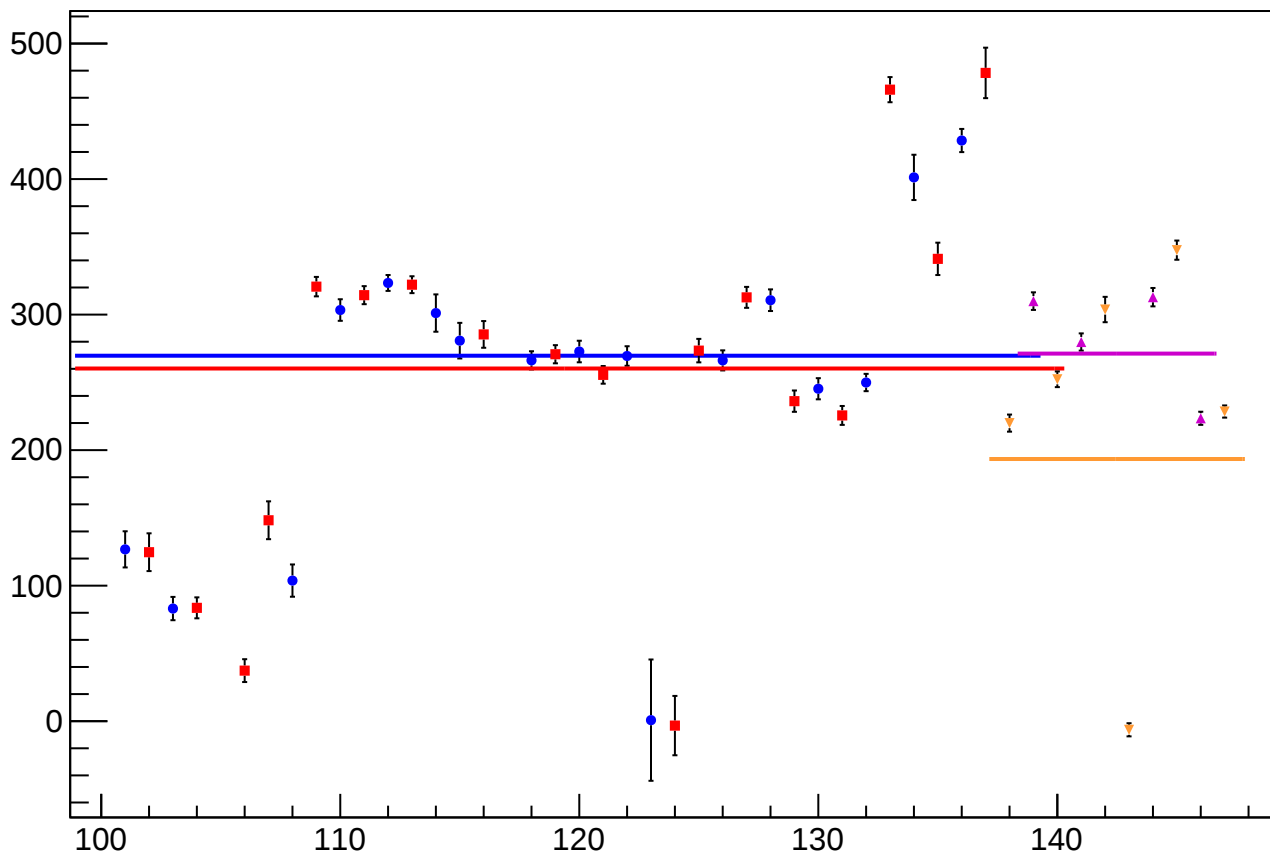
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 7.848 ± 0.963 χ^2/NDF : 269.7/20

Out: 10.408 ± 0.875 χ^2/NDF : 302.5/23

All: 9.250 ± 0.648 χ^2/NDF : 576.1/44

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: 271.228 $\pm$ 2.976 χ^2 /NDF:172.2/3

Left: 223.621 $\pm$ 1.853 χ^2 /NDF: 3079.2/9

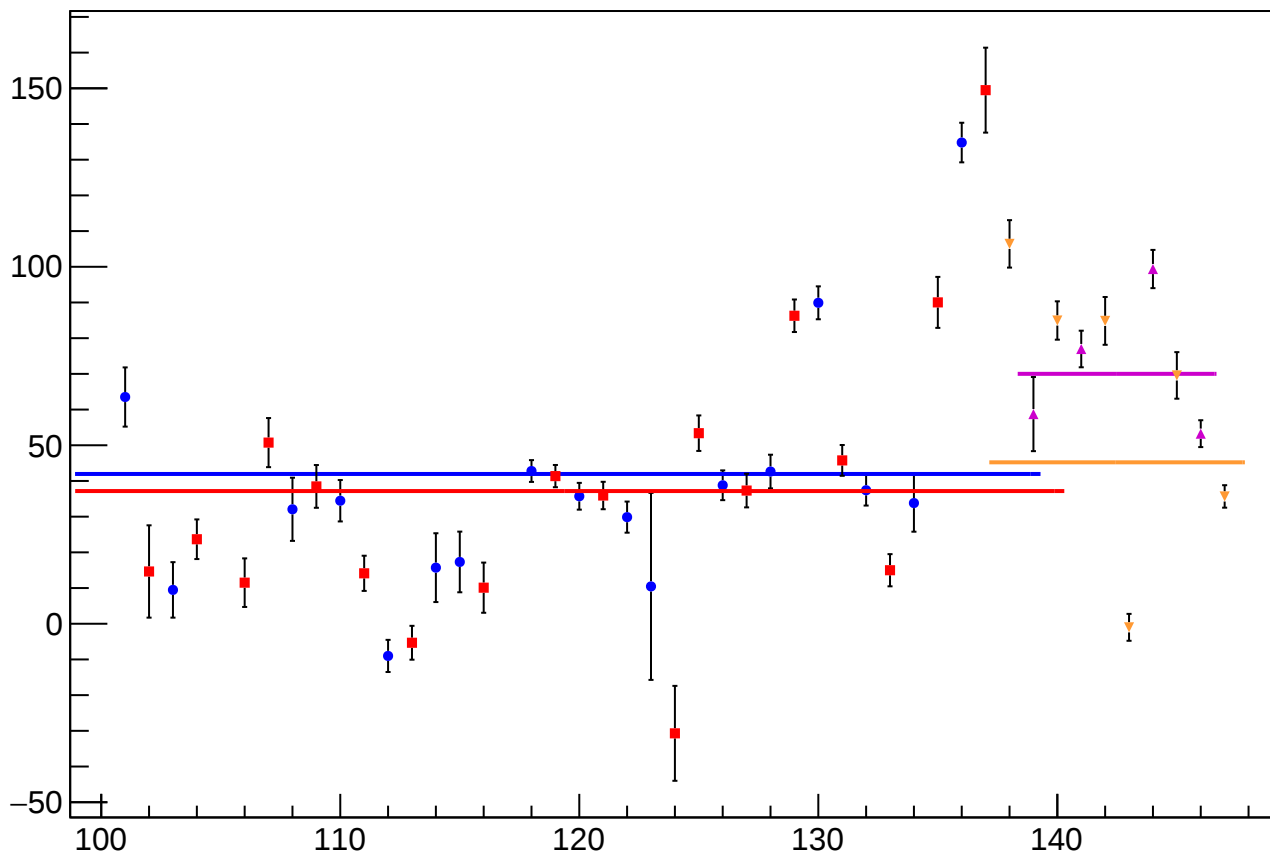
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 270.176 $\pm$ 1.703 χ^2 /NDF:1549.0/20

Out: 232.786 $\pm$ 1.519 χ^2 /NDF:5484.8/23

All: 249.352 $\pm$ 1.133 χ^2 /NDF: 7302.4/44

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 45.221 $\pm$ 1.909 χ^2 /NDF:348.1/5

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 70.010 $\pm$ 2.558 χ^2 /NDF:52.9/3

Left: 54.090 $\pm$ 1.530 χ^2 /NDF: 461.3/9

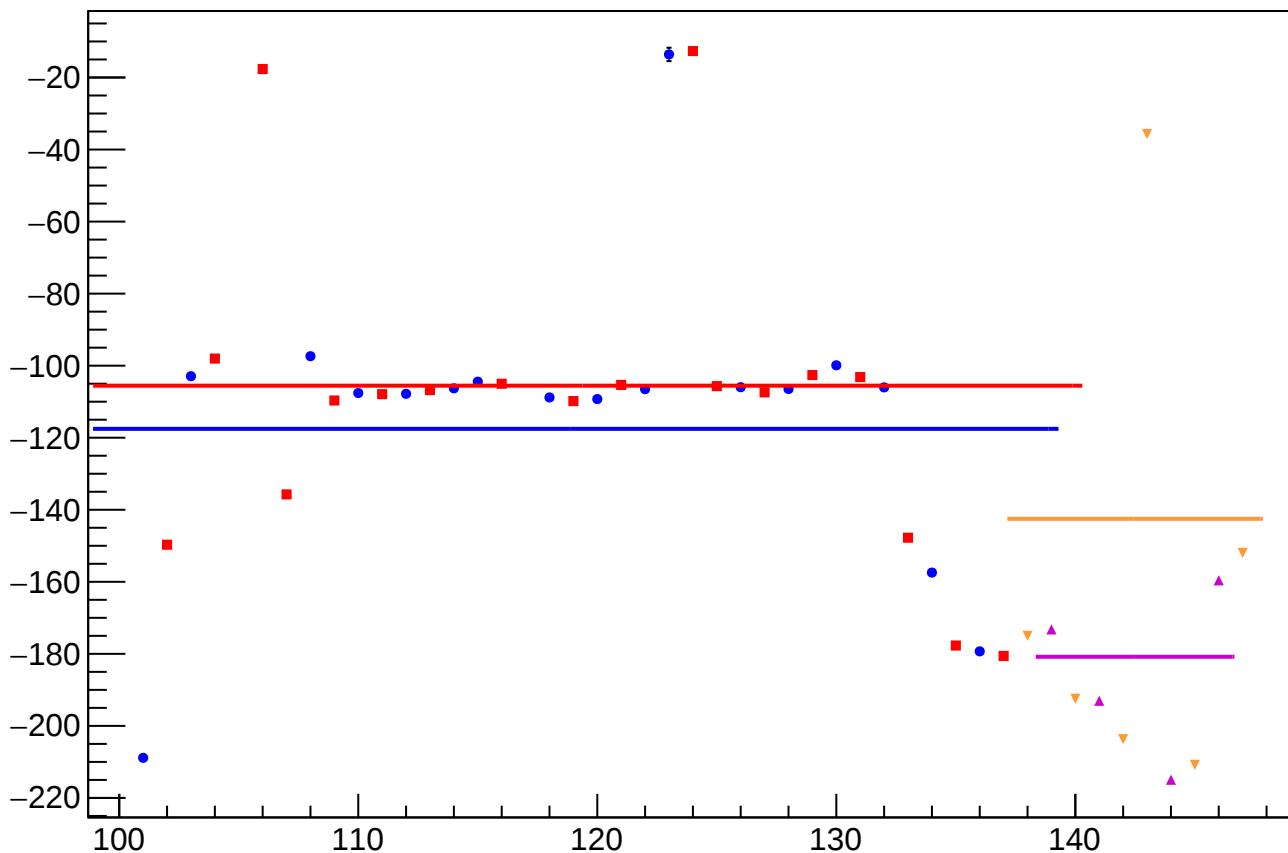
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 47.424 $\pm$ 1.129 χ^2 /NDF:724.0/20

Out: 39.549 $\pm$ 1.038 χ^2 /NDF:831.5/23

All: 43.155 $\pm$ 0.764 χ^2 /NDF: 1581.9/44

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: -180.805+/-0.123 χ^2/NDF : 25596.3/3

Left: -157.697+/-0.078 χ^2/NDF : 527751.9/9

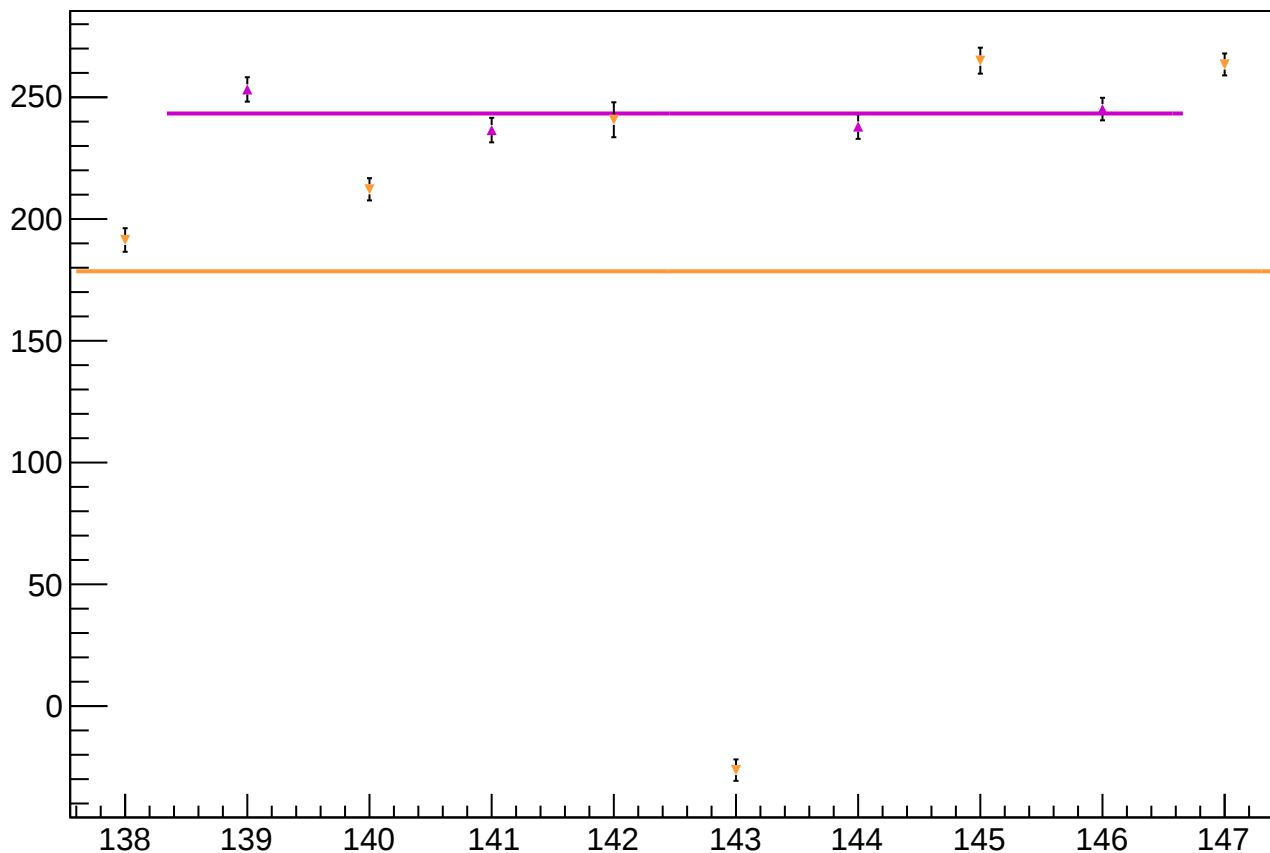
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -135.639+/-0.066 χ^2/NDF : 355335.7/20

Out: -118.373+/-0.059 χ^2/NDF : 850690.1/23

All: -126.027+/-0.044 χ^2/NDF : 1244122.2/44

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: 243.338+/-2.462 χ^2/NDF :7.0/3

Left: 204.539+/-1.559 χ^2/NDF : 3349.4/9

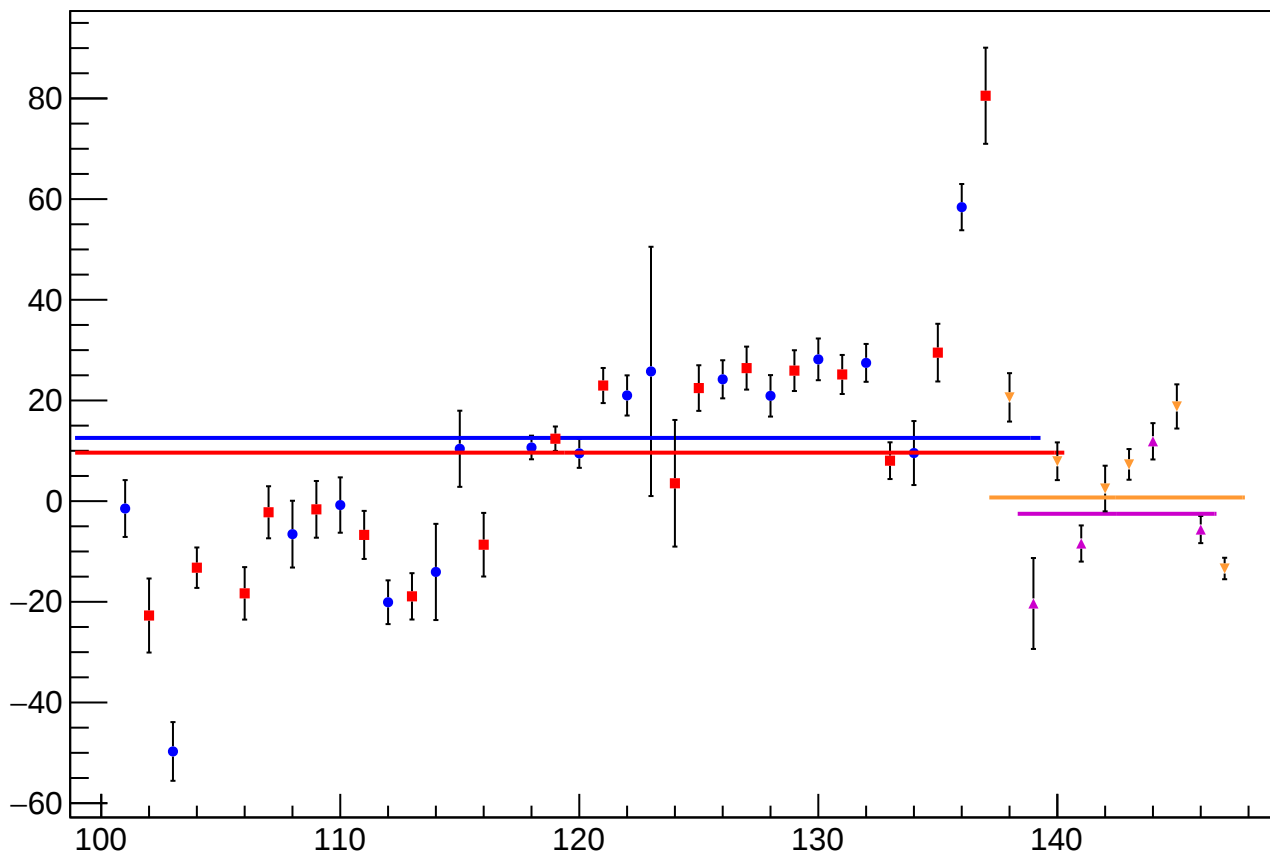
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.338+/-2.462 χ^2/NDF :7.0/3

Out: 178.530+/-2.015 χ^2/NDF :2927.5/5

All: 204.539+/-1.559 χ^2/NDF : 3349.4/9

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: -2.514+/-1.814 χ^2/NDF : 23.9/3

Left: -0.435+/-1.087 χ^2/NDF : 112.3/9

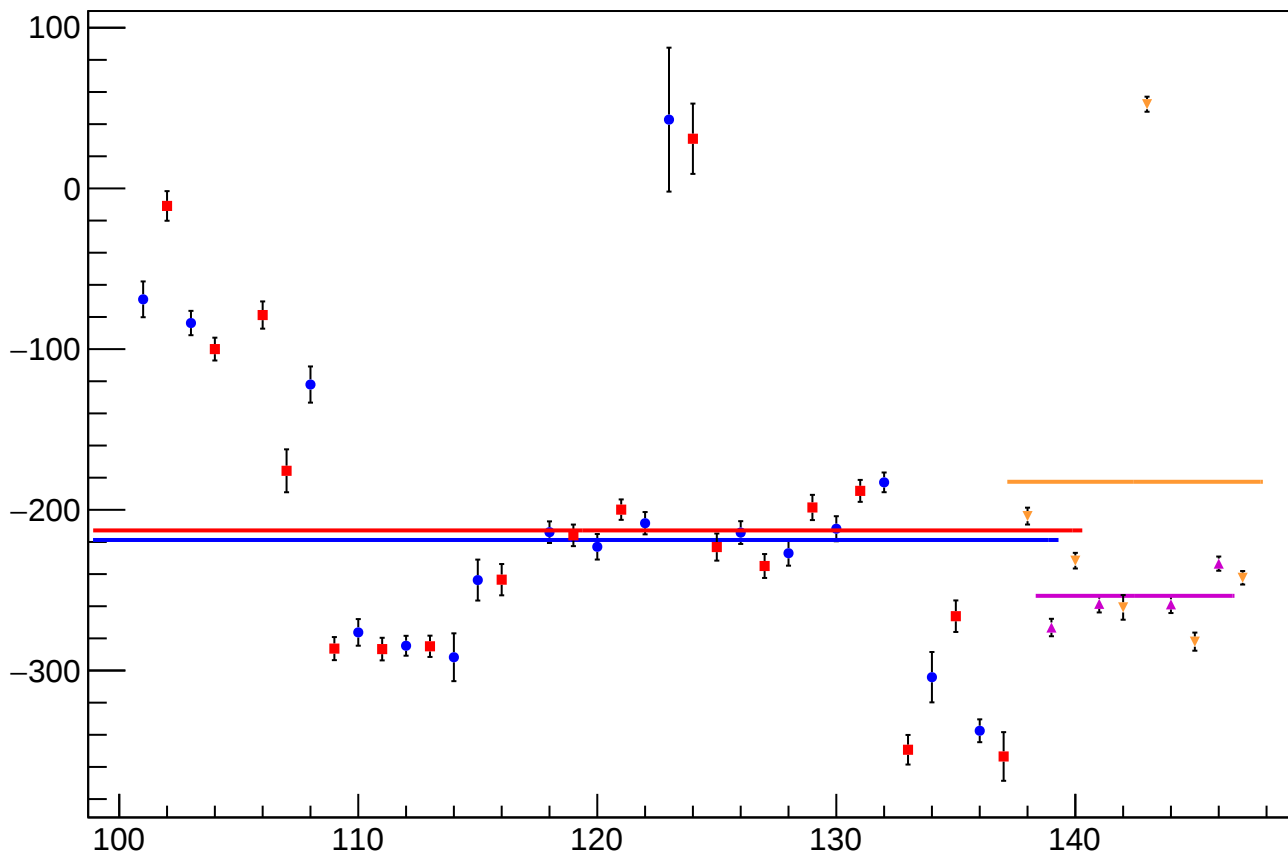
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 8.735+/-0.914 χ^2/NDF : 424.0/20

Out: 6.301+/-0.830 χ^2/NDF : 400.7/23

All: 7.402+/-0.614 χ^2/NDF : 828.6/44

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -182.550 ± 2.089 $\chi^2/\text{NDF}: 3247.4/5$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -253.521 ± 2.547 $\chi^2/\text{NDF}: 35.6/3$

Left: -211.094 ± 1.615 $\chi^2/\text{NDF}: 3747.0/9$

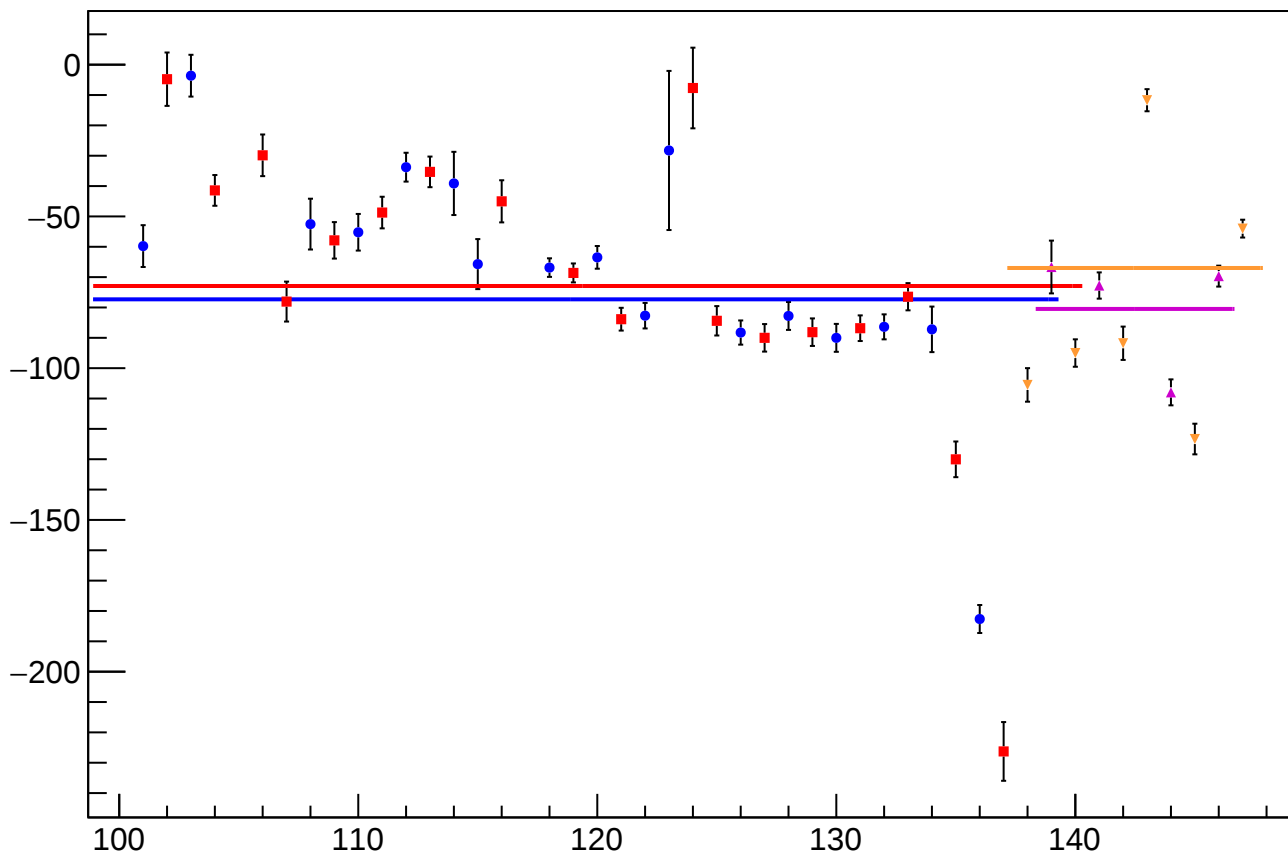
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -232.106 ± 1.578 $\chi^2/\text{NDF}: 1294.7/20$

Out: -198.911 ± 1.416 $\chi^2/\text{NDF}: 5185.3/23$

All: -213.720 ± 1.054 $\chi^2/\text{NDF}: 6725.1/44$

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: -80.479 ± 2.207 χ^2/NDF : 56.8/3

Left: -72.021 ± 1.348 χ^2/NDF : 562.1/9

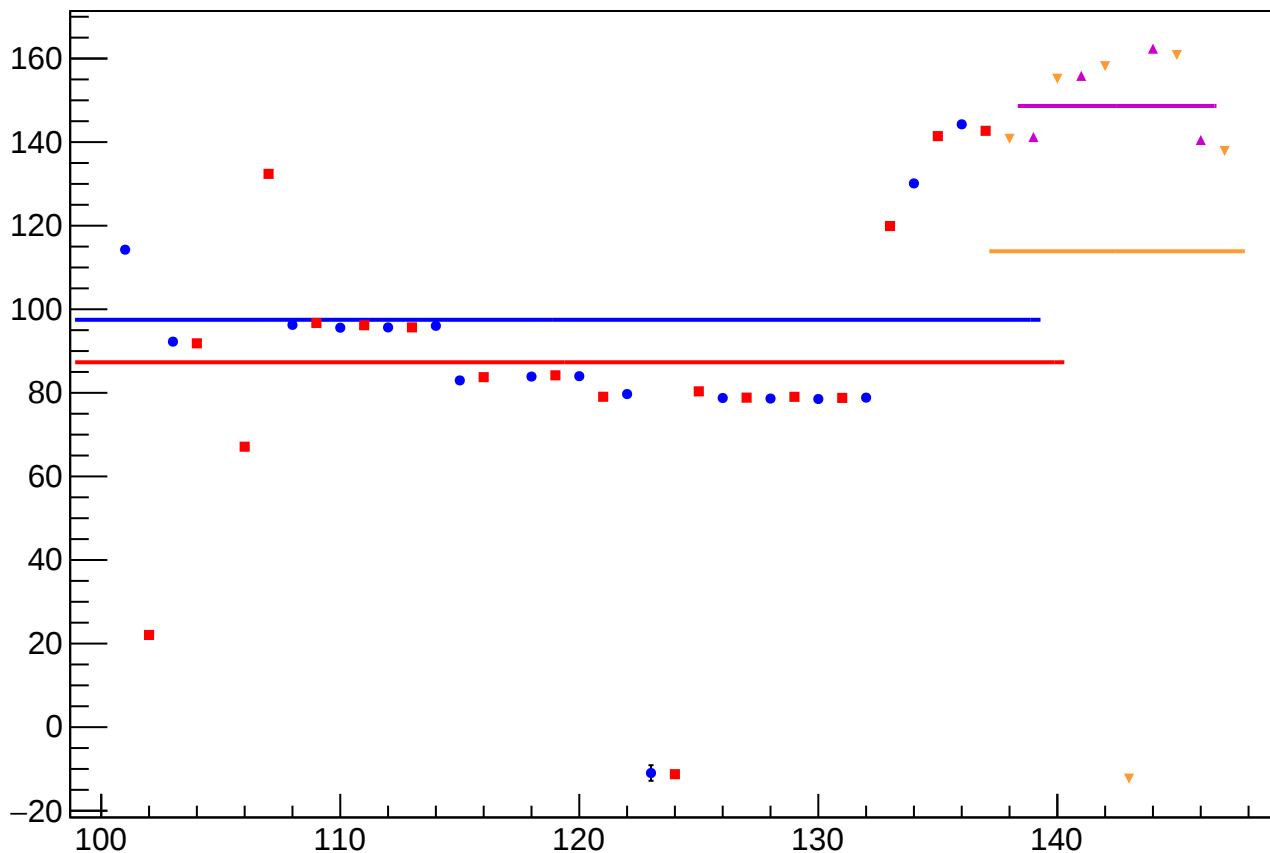
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.061 ± 1.069 χ^2/NDF : 876.1/20

Out: -70.935 ± 0.985 χ^2/NDF : 1150.7/23

All: -74.207 ± 0.724 χ^2/NDF : 2050.8/44

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: 148.647+/-0.105 χ^2/NDF : 7569.7/3

Left: 128.170+/-0.067 χ^2/NDF : 655949.4/9

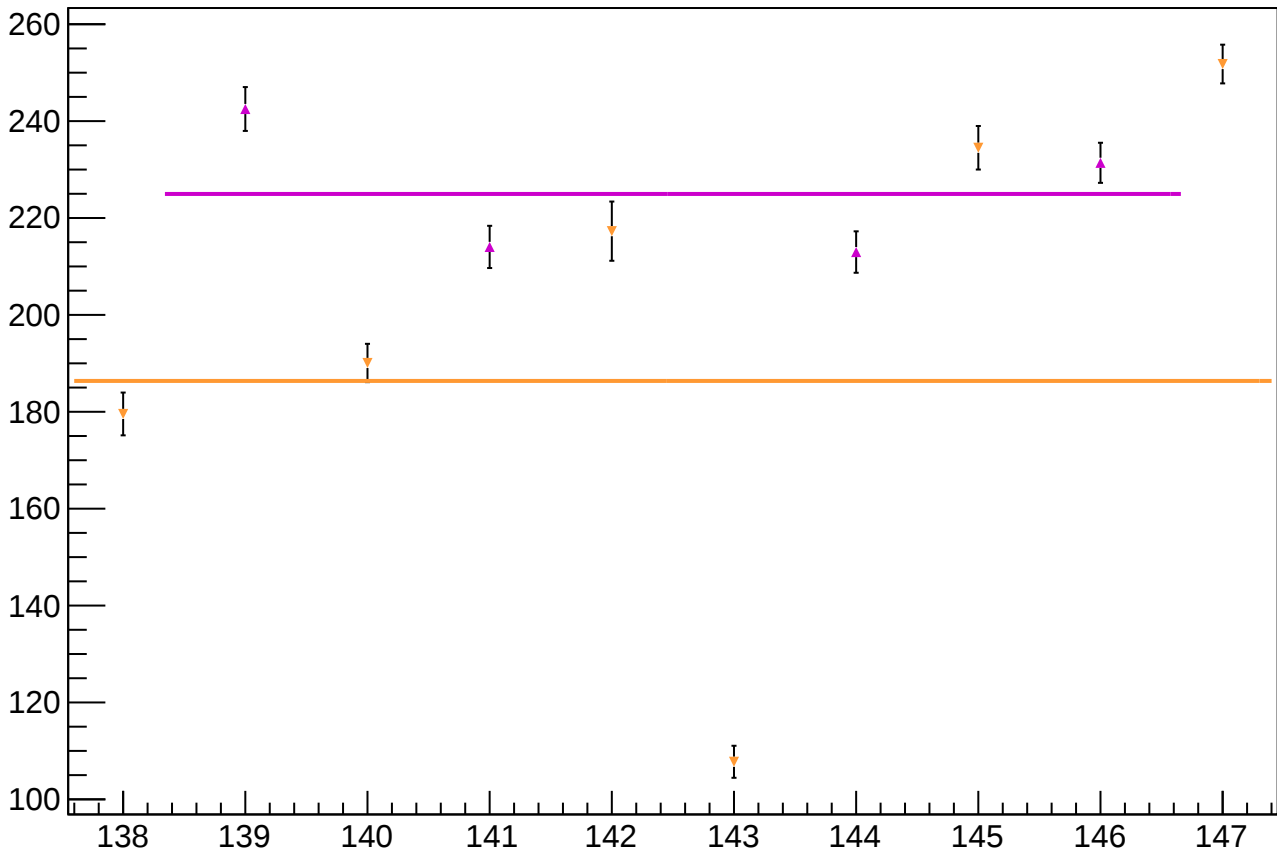
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 114.241+/-0.060 χ^2/NDF : 261258.7/20

Out: 97.337+/-0.054 χ^2/NDF : 862807.0/23

All: 104.869+/-0.040 χ^2/NDF : 1167835.9/44

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: 224.966+/-2.159 χ^2/NDF :31.6/3

Left: 201.152+/-1.336 χ^2/NDF : 1205.6/9

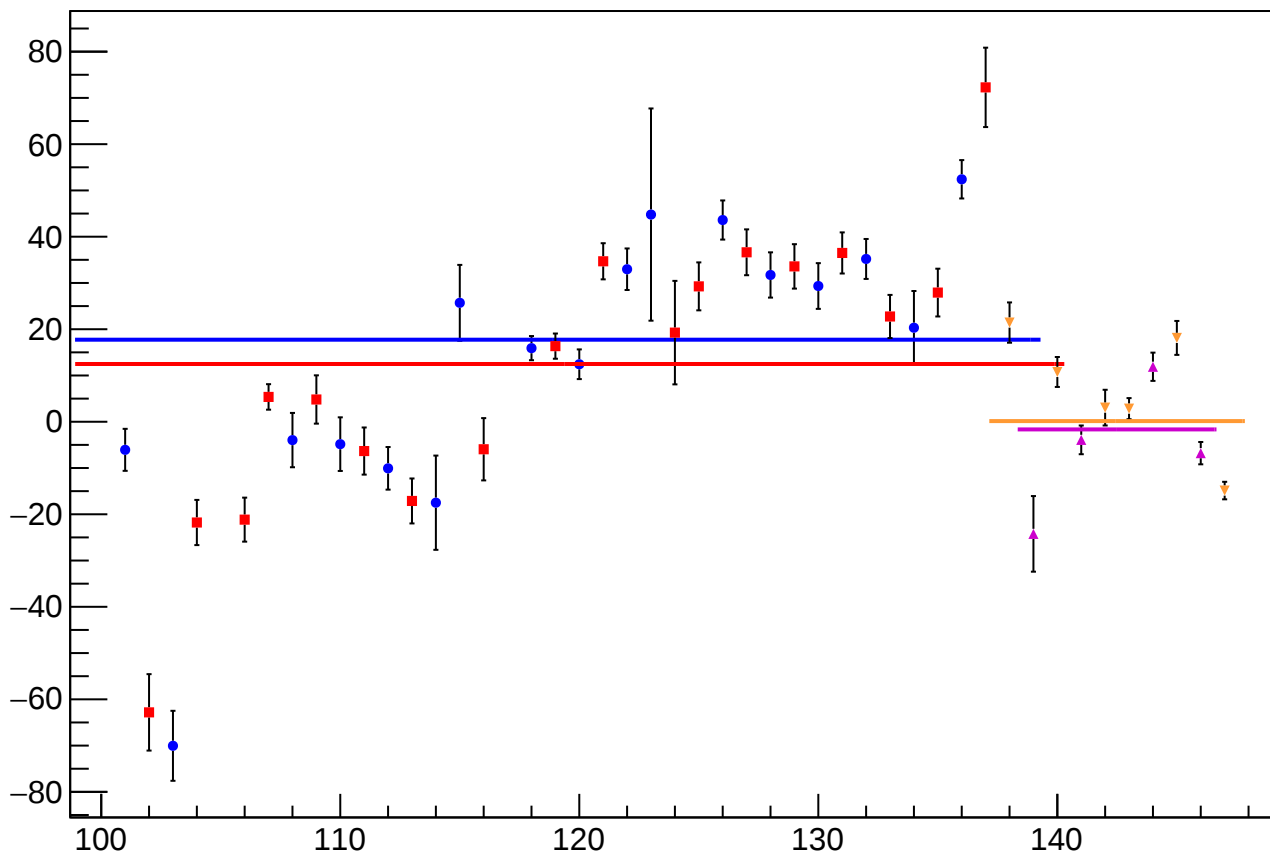
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 224.966+/-2.159 χ^2/NDF :31.6/3

Out: 186.370+/-1.701 χ^2/NDF :976.8/5

All: 201.152+/-1.336 χ^2/NDF : 1205.6/9

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 0.143 $\pm$ 1.146 χ^2 /NDF:123.6/5

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -1.656 $\pm$ 1.585 χ^2 /NDF:32.4/3

Left: -0.475 $\pm$ 0.929 χ^2 /NDF: 156.8/9

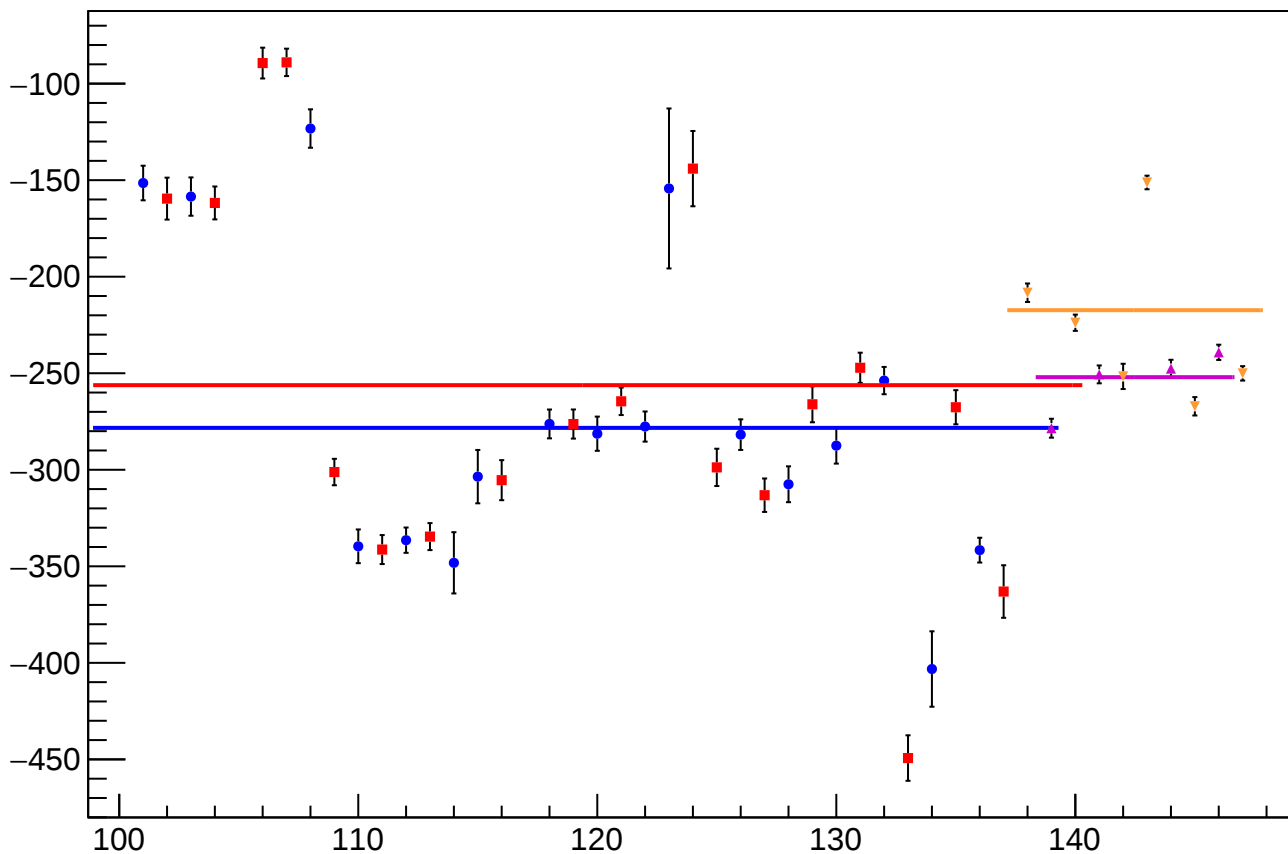
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 11.062 $\pm$ 0.930 χ^2 /NDF:524.5/20

Out: 6.651 $\pm$ 0.788 χ^2 /NDF:613.9/23

All: 8.494 $\pm$ 0.601 χ^2 /NDF: 1151.4/44

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: -252.035+/-2.236 χ^2/NDF : 40.7/3

Left: -230.687+/-1.387 χ^2/NDF : 760.4/9

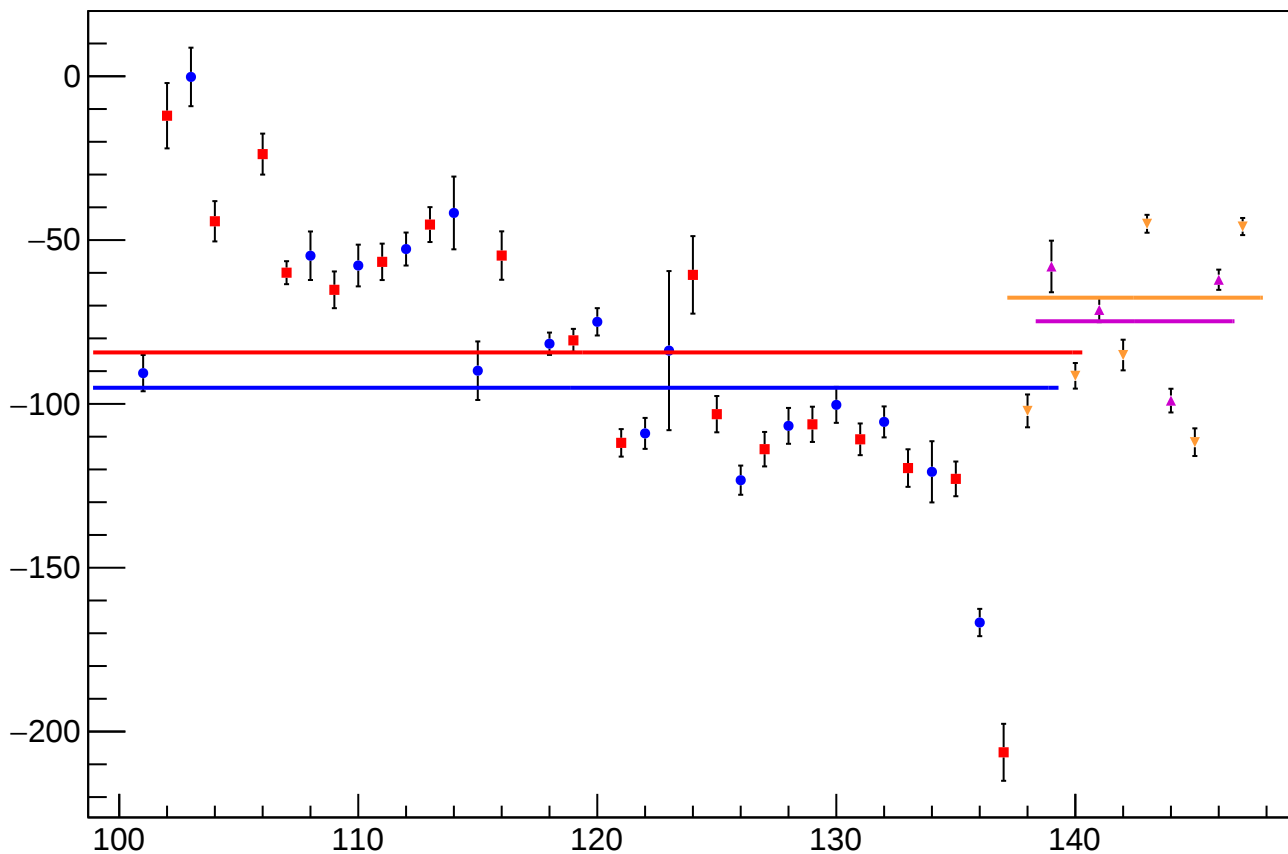
Right: -266.460+/-1.481 χ^2/NDF : 2917.6/34

In: -265.547+/-1.558 χ^2/NDF : 1021.6/20

Out: -234.145+/-1.332 χ^2/NDF : 2732.5/23

All: -247.403+/-1.012 χ^2/NDF : 3988.8/44

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: -74.778 ± 1.928 χ^2/NDF : 67.0/3

Left: -70.138 ± 1.149 χ^2/NDF : 421.2/9

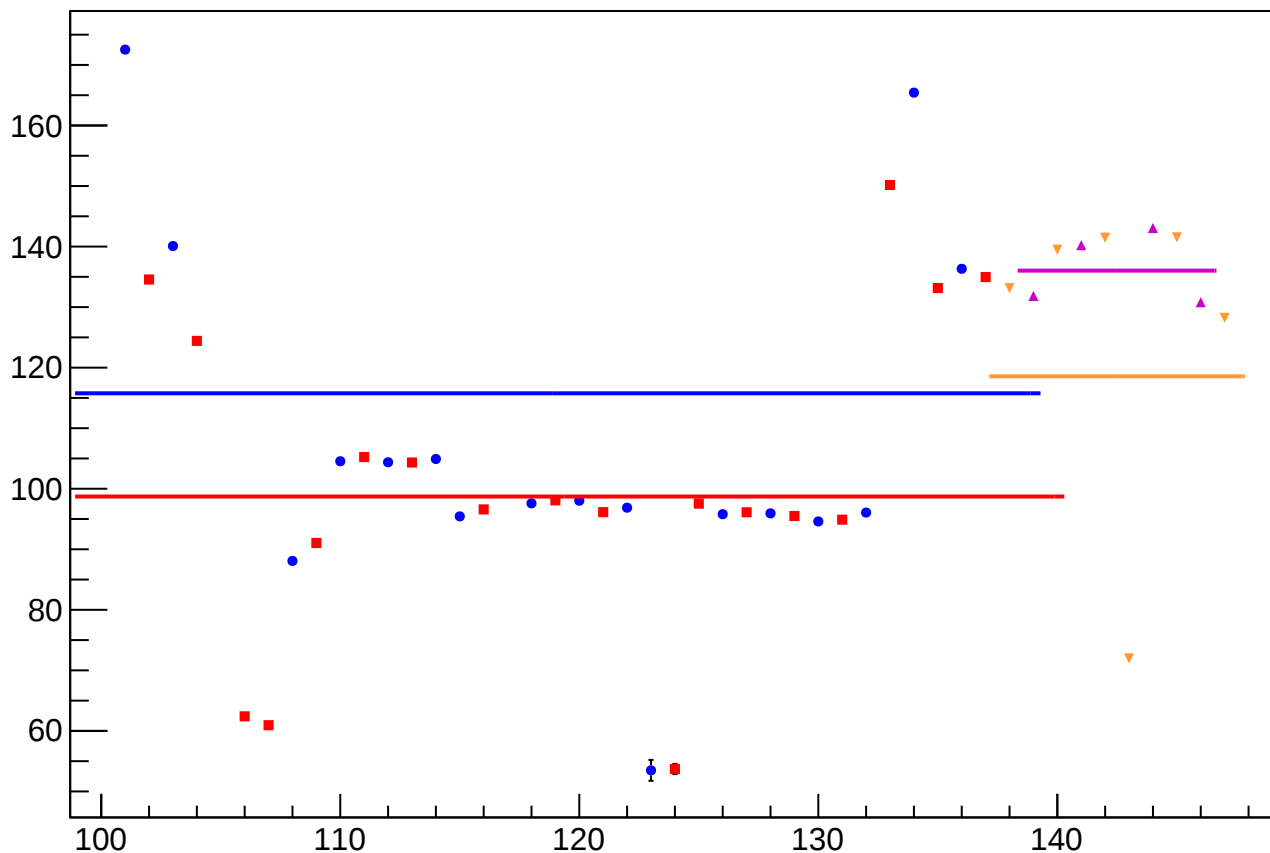
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -88.560 ± 1.092 χ^2/NDF : 815.5/20

Out: -77.007 ± 0.945 χ^2/NDF : 1190.9/23

All: -81.954 ± 0.715 χ^2/NDF : 2070.3/44

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: 136.027 $\pm$ 0.093 χ^2 /NDF:3144.2/3

Left: 125.392 $\pm$ 0.058 χ^2 /NDF: 177108.2/9

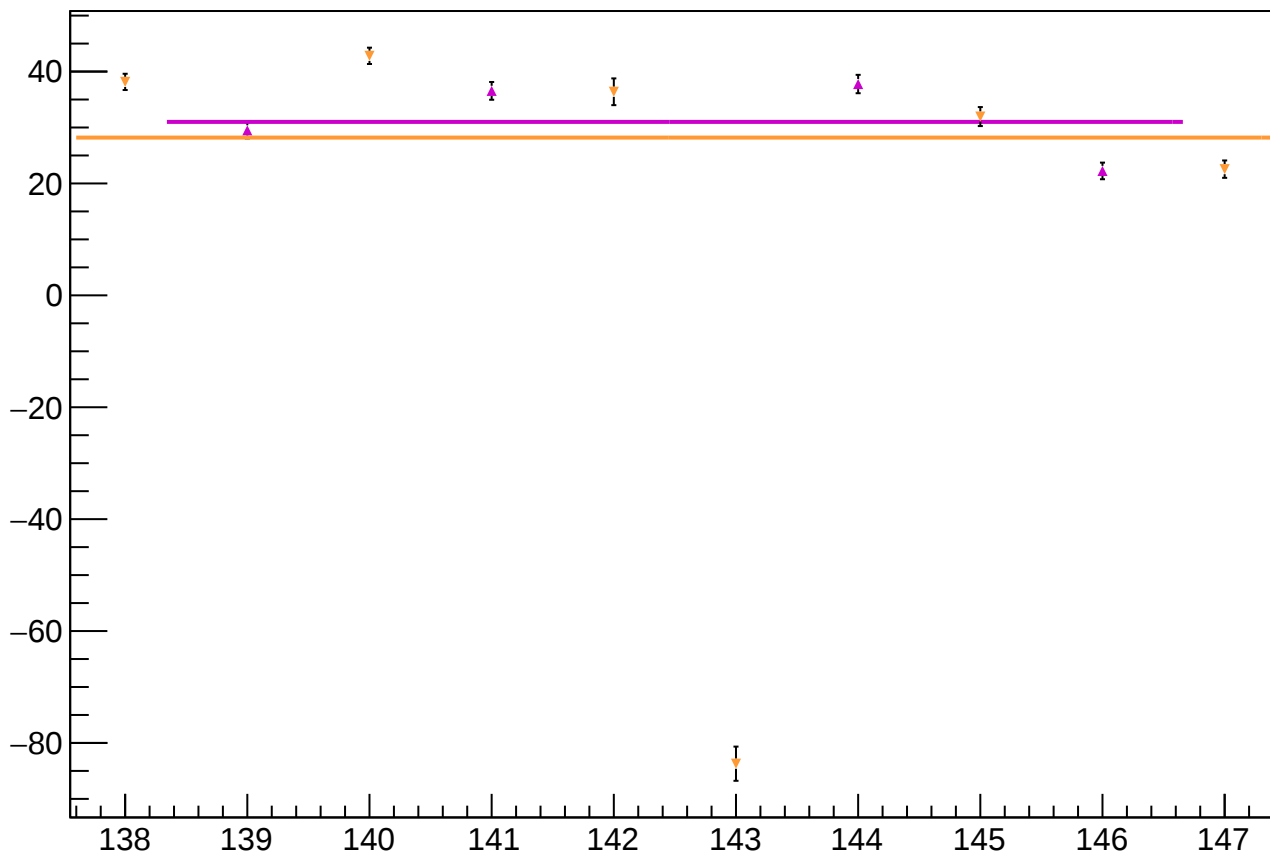
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 124.192 $\pm$ 0.060 χ^2 /NDF:137456.9/20

Out: 107.893 $\pm$ 0.050 χ^2 /NDF:361074.4/23

All: 114.677 $\pm$ 0.038 χ^2 /NDF: 542086.0/44

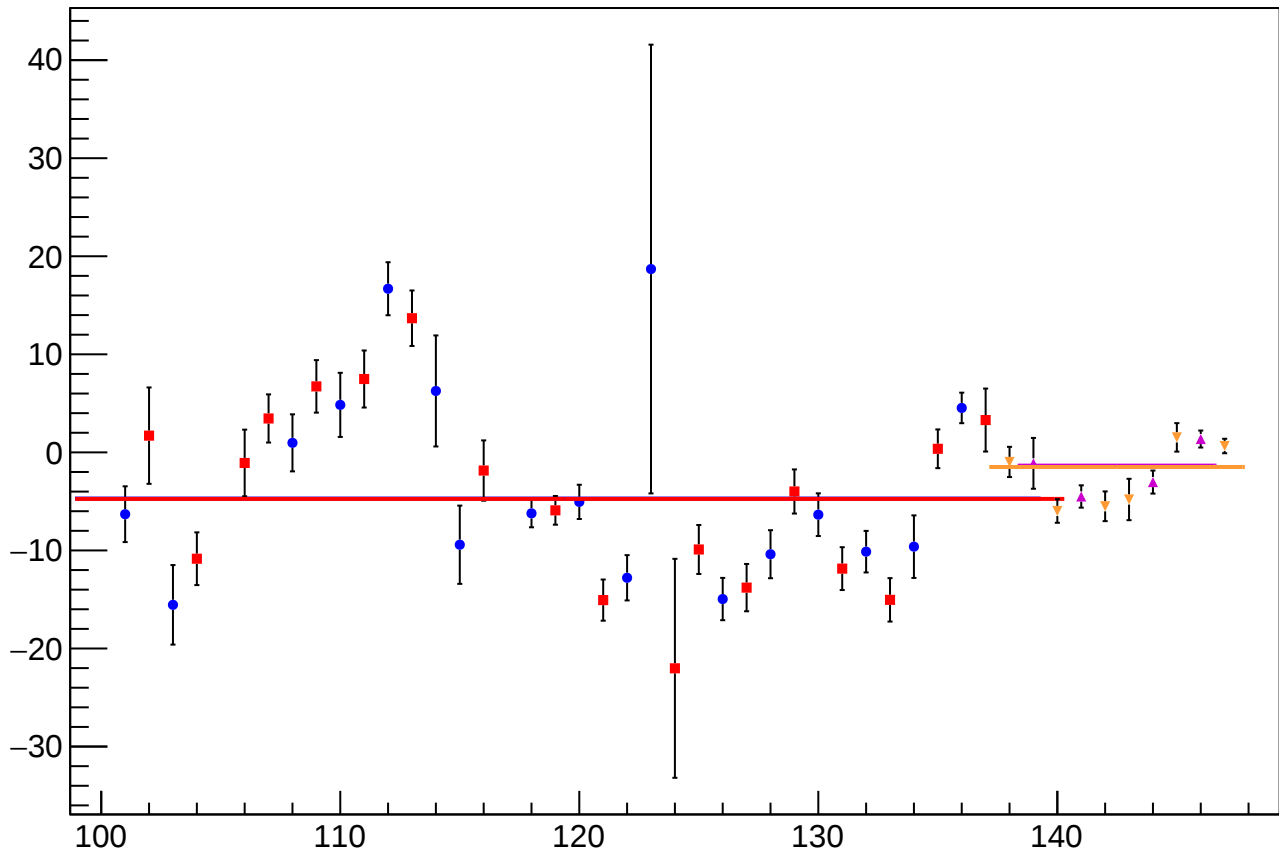
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 31.000+/-0.765 χ^2/NDF :65.1/3

Left: 29.493+/-0.520 χ^2/NDF : 1590.7/9
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 31.000+/-0.765 χ^2/NDF :65.1/3
 Out: 28.198+/-0.709 χ^2/NDF :1518.4/5
 All: 29.493+/-0.520 χ^2/NDF : 1590.7/9

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.491 ± 0.495 $\chi^2/\text{NDF}: 36.2/5$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: -1.351 ± 0.579 $\chi^2/\text{NDF}: 19.5/3$

Left: -1.432 ± 0.376 $\chi^2/\text{NDF}: 55.7/9$

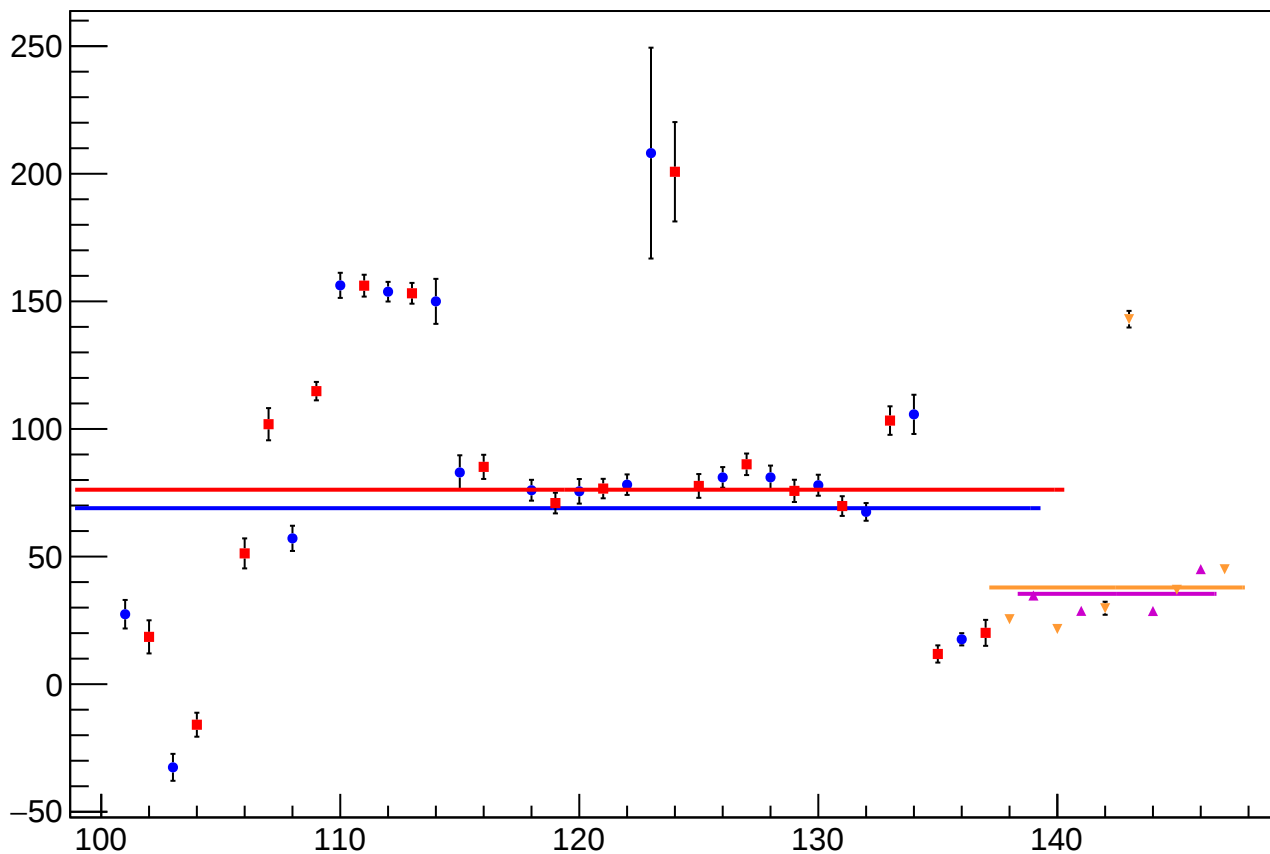
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -3.028 ± 0.410 $\chi^2/\text{NDF}: 211.0/20$

Out: -2.847 ± 0.378 $\chi^2/\text{NDF}: 243.5/23$

All: -2.930 ± 0.278 $\chi^2/\text{NDF}: 454.6/44$

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: 35.401 $\pm$ 0.794 χ^2 /NDF:76.8/3

Left: 36.744 $\pm$ 0.539 χ^2 /NDF: 1329.0/9

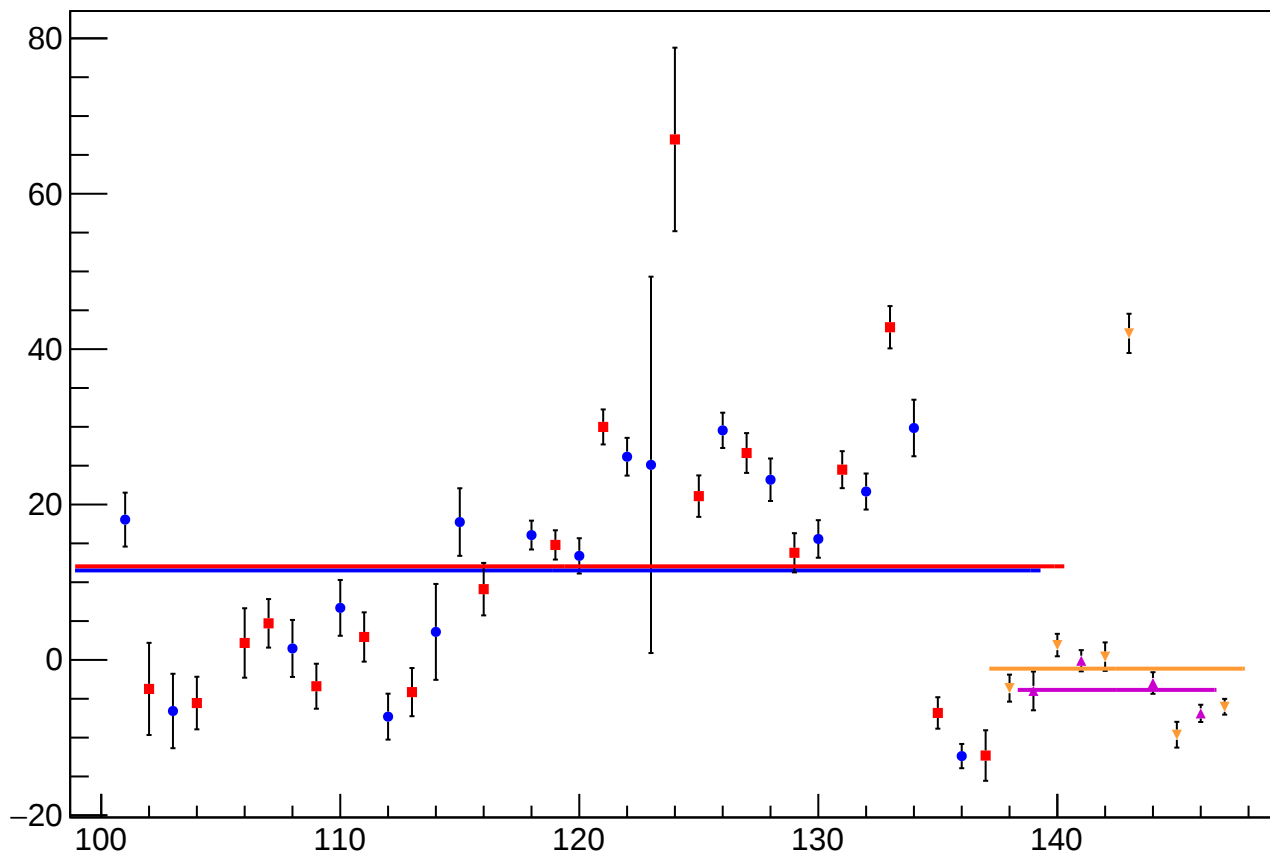
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 47.190 $\pm$ 0.639 χ^2 /NDF:2548.4/20

Out: 50.124 $\pm$ 0.605 χ^2 /NDF:3998.7/23

All: 48.738 $\pm$ 0.440 χ^2 /NDF: 6558.2/44

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: -3.857 ± 0.702 $\chi^2/\text{NDF}: 15.4/3$

Left: -2.321 ± 0.465 $\chi^2/\text{NDF}: 372.8/9$

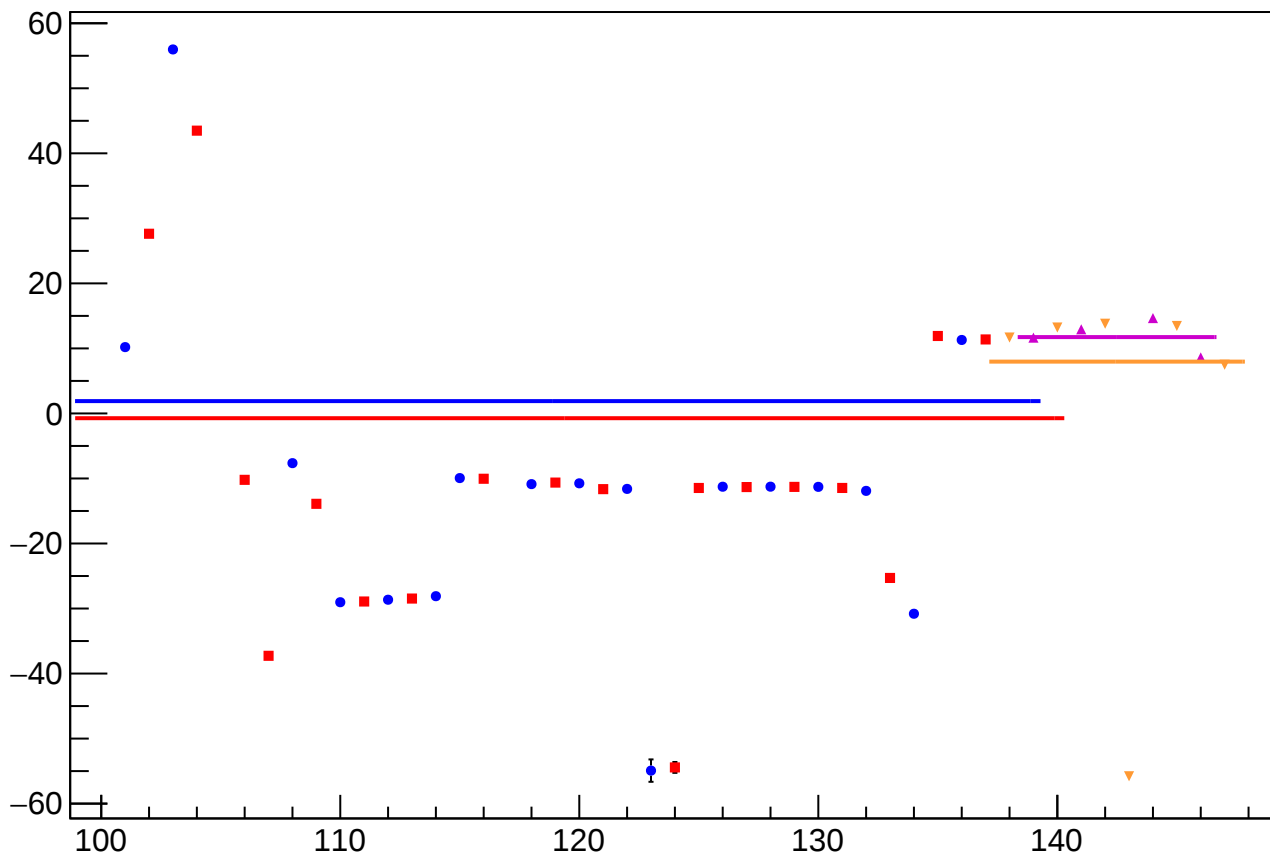
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 4.313 ± 0.481 $\chi^2/\text{NDF}: 747.2/20$

Out: 5.009 ± 0.453 $\chi^2/\text{NDF}: 1097.5/23$

All: 4.682 ± 0.330 $\chi^2/\text{NDF}: 1845.8/44$

reg_asym_atl_dd_atr_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: 11.740+/-0.032 χ^2/NDF :4030.0/3

Left: 9.754+/-0.022 χ^2/NDF : 267182.5/9

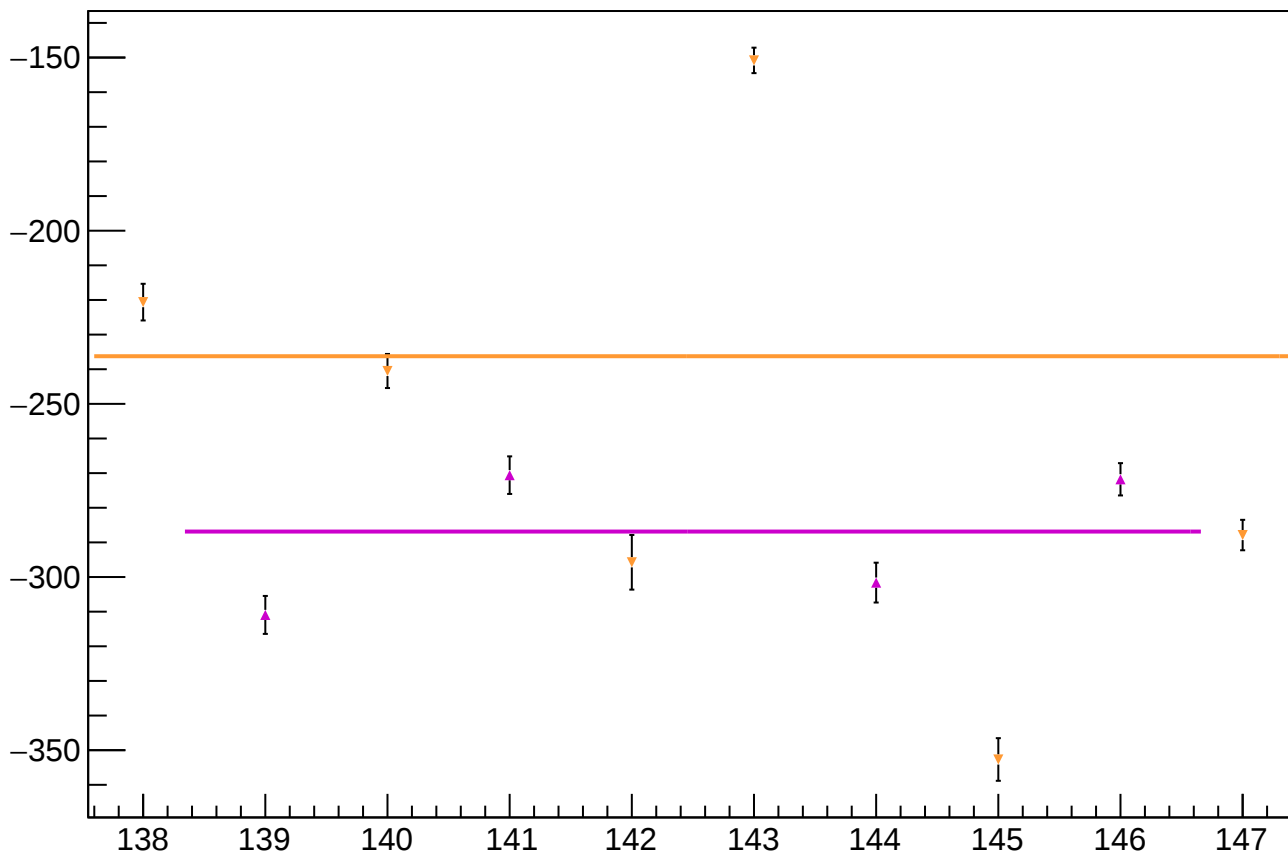
Right: 0.584+/-0.026 χ^2/NDF : 721303.3/34

In: 7.473+/-0.024 χ^2/NDF :402895.1/20

Out: 4.431+/-0.024 χ^2/NDF :648569.1/23

All: 5.906+/-0.017 χ^2/NDF : 1059477.3/44

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: -286.871+/-2.640 χ^2/NDF :45.3/3

Left: -254.929+/-1.604 χ^2/NDF : 1379.5/9

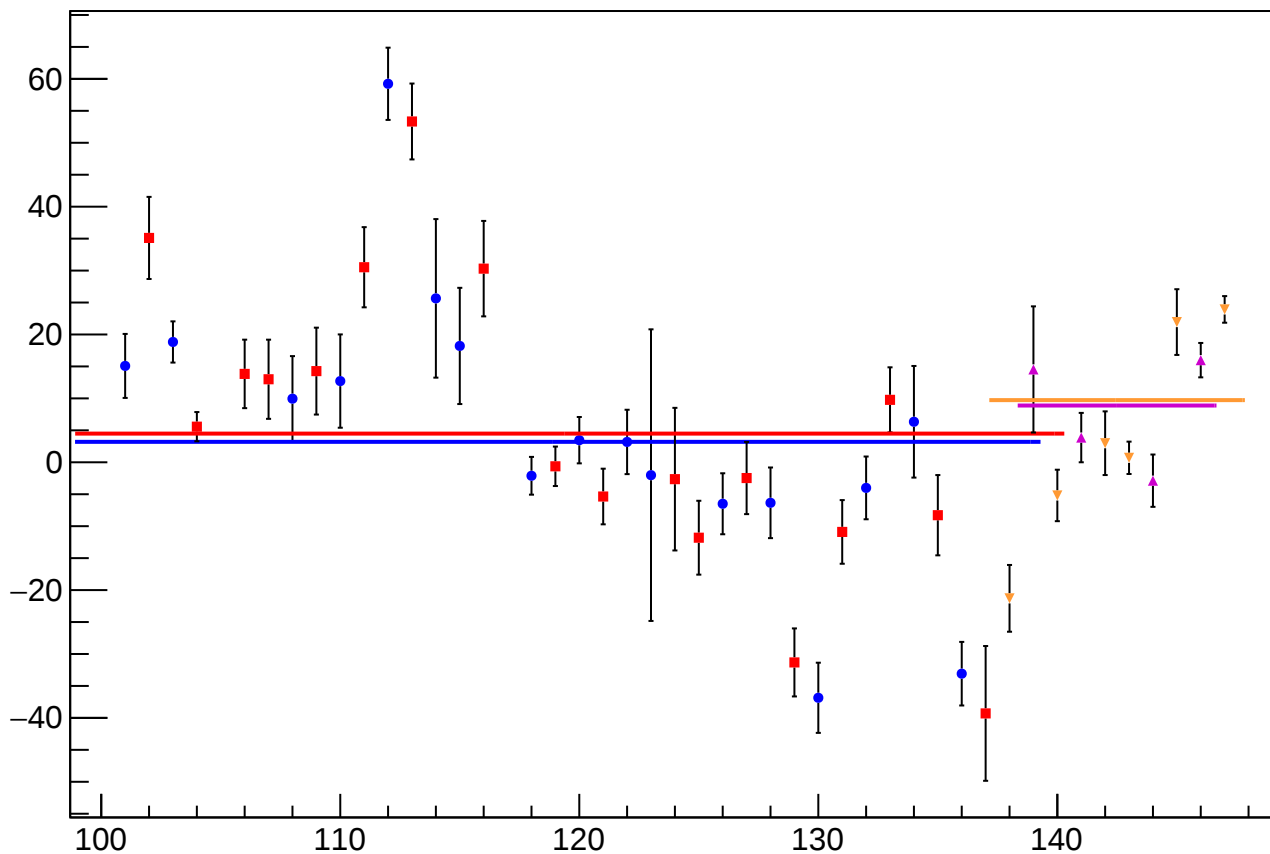
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.871+/-2.640 χ^2/NDF :45.3/3

Out: -236.244+/-2.019 χ^2/NDF :1102.1/5

All: -254.929+/-1.604 χ^2/NDF : 1379.5/9

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 9.727 ± 1.333 χ^2/NDF : 115.6/5

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 8.883 ± 1.907 χ^2/NDF : 17.2/3

Left: 9.450 ± 1.092 χ^2/NDF : 133.0/9

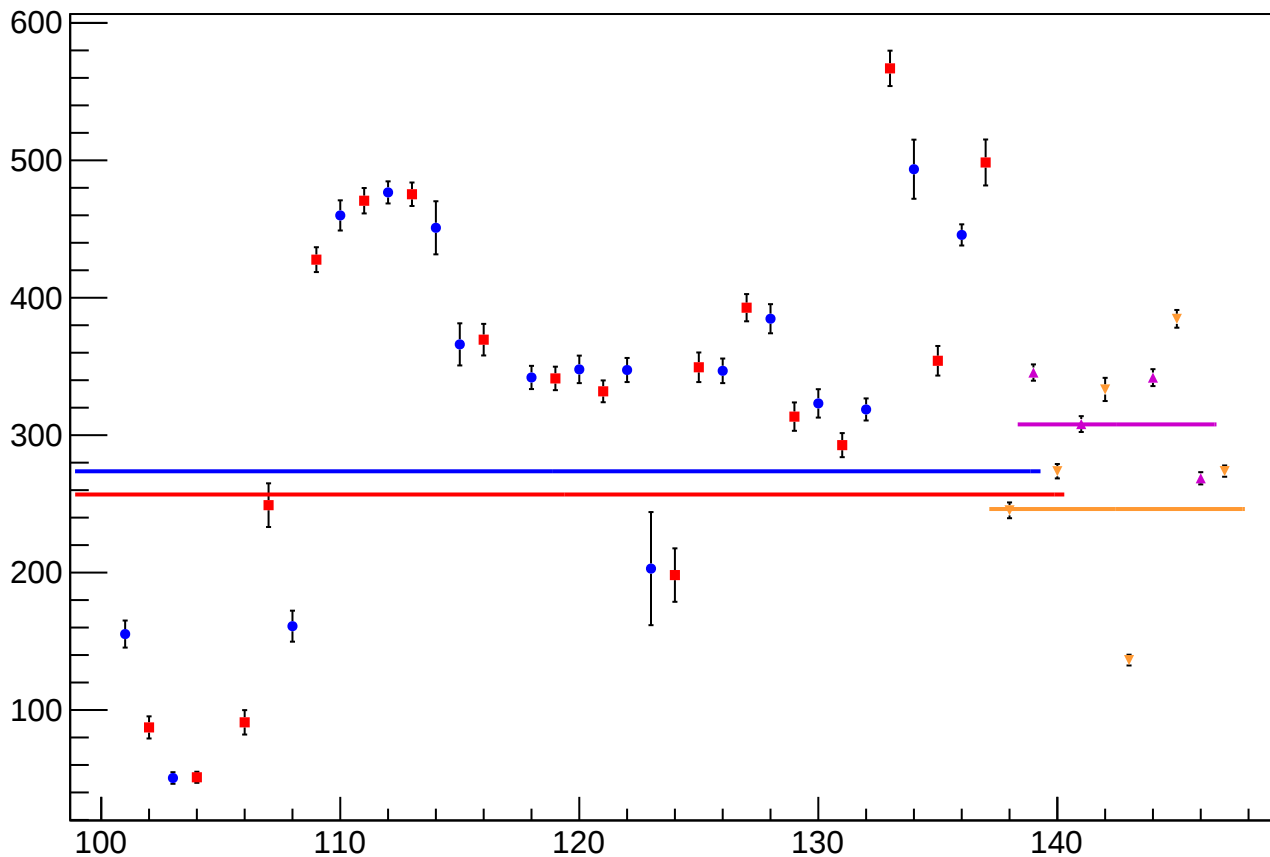
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 4.864 ± 1.032 χ^2/NDF : 278.7/20

Out: 6.744 ± 0.874 χ^2/NDF : 346.2/23

All: 5.958 ± 0.667 χ^2/NDF : 626.8/44

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: 307.835 $\pm$ 2.719 χ^2 /NDF:148.6/3

Left: 269.109 $\pm$ 1.656 χ^2 /NDF: 1896.1/9

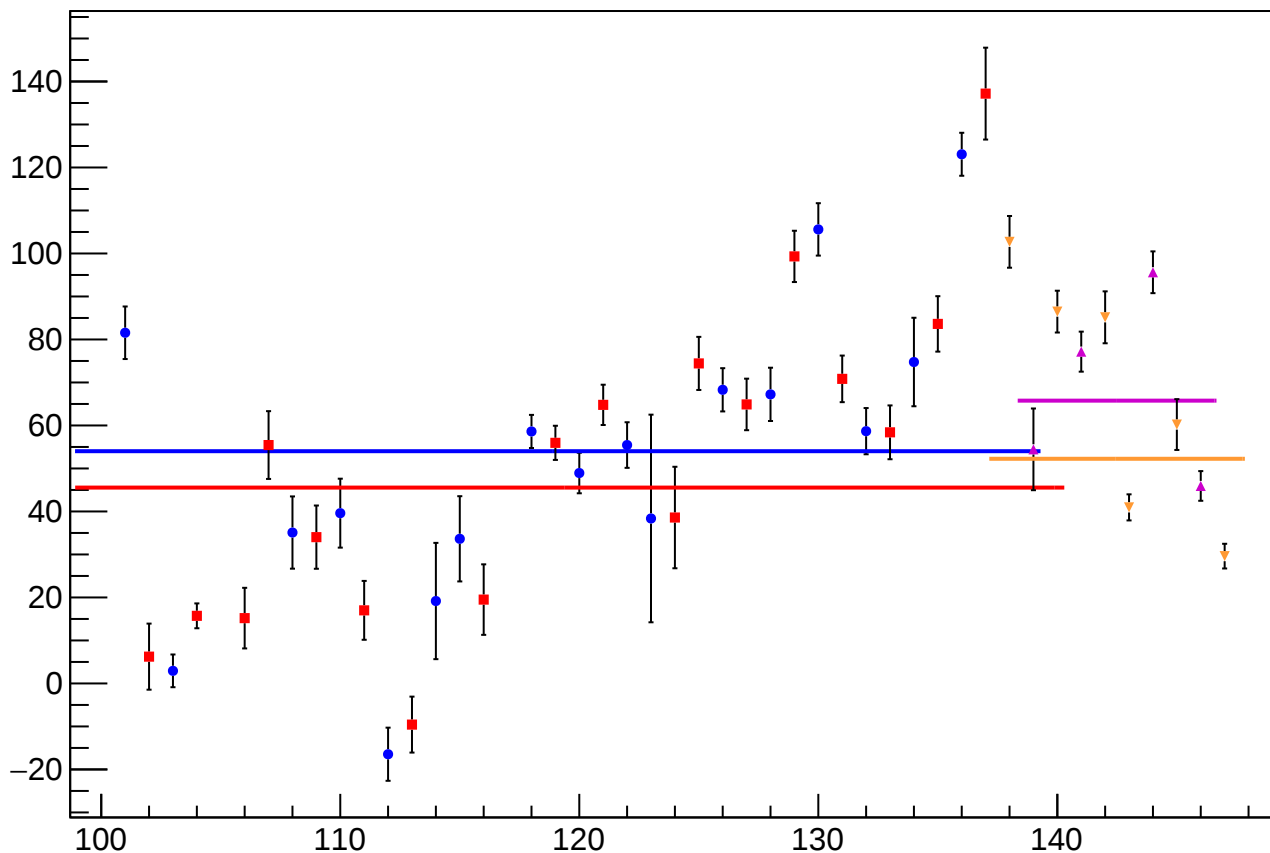
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 287.177 $\pm$ 1.708 χ^2 /NDF:5347.2/20

Out: 251.554 $\pm$ 1.475 χ^2 /NDF:7849.5/23

All: 266.776 $\pm$ 1.116 χ^2 /NDF: 13446.0/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 ± 1.423 χ^2/NDF : 632.9/16

Left Out: 52.252 ± 1.676 χ^2/NDF : 227.4/5

Right Out: 45.552 ± 1.358 χ^2/NDF : 526.6/17

Left In: 65.773 ± 2.334 χ^2/NDF : 78.2/3

Left: 56.853 ± 1.362 χ^2/NDF : 327.8/9

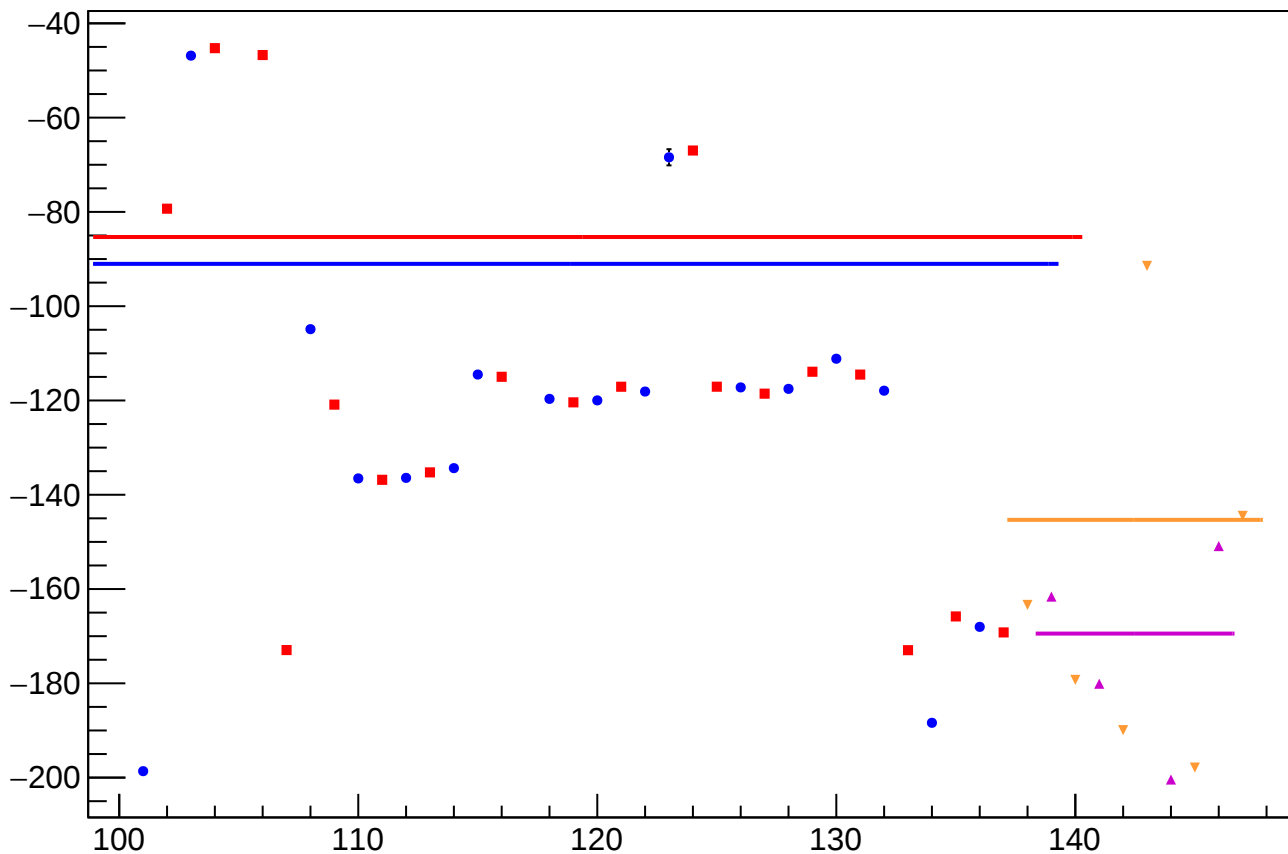
Right: 49.587 ± 0.983 χ^2/NDF : 1178.0/34

In: 57.202 ± 1.215 χ^2/NDF : 729.6/20

Out: 48.208 ± 1.055 χ^2/NDF : 763.7/23

All: 52.075 ± 0.797 χ^2/NDF : 1524.5/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.323+/-0.088 χ^2/NDF : 204423.5/5

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -169.448+/-0.113 χ^2/NDF : 24875.0/3

Left: -154.457+/-0.069 χ^2/NDF : 257771.4/9

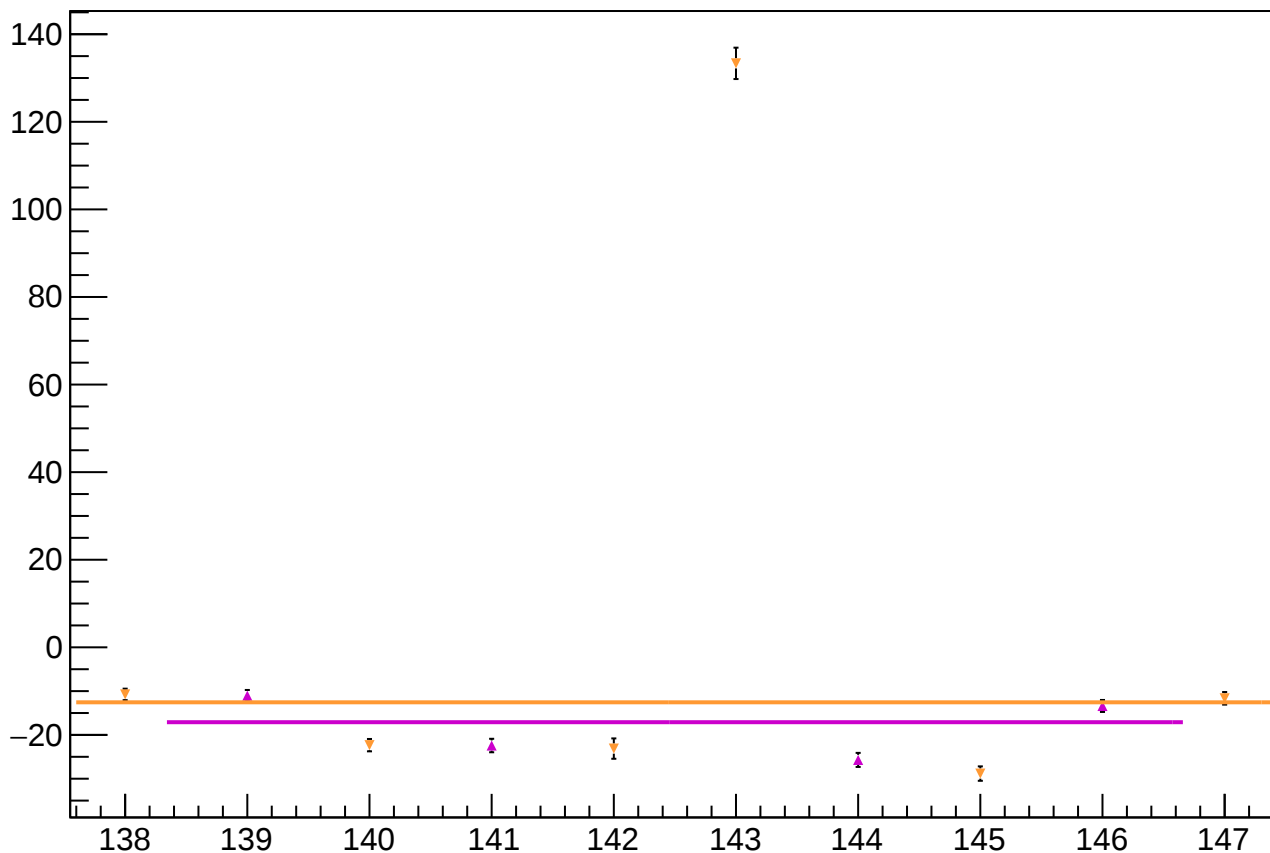
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -111.764+/-0.058 χ^2/NDF : 915312.7/20

Out: -106.580+/-0.052 χ^2/NDF : 987867.4/23

All: -108.910+/-0.039 χ^2/NDF : 1907583.9/44

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: -17.098+/-0.719 χ^2/NDF :69.9/3

Left: -14.682+/-0.492 χ^2/NDF : 1919.5/9

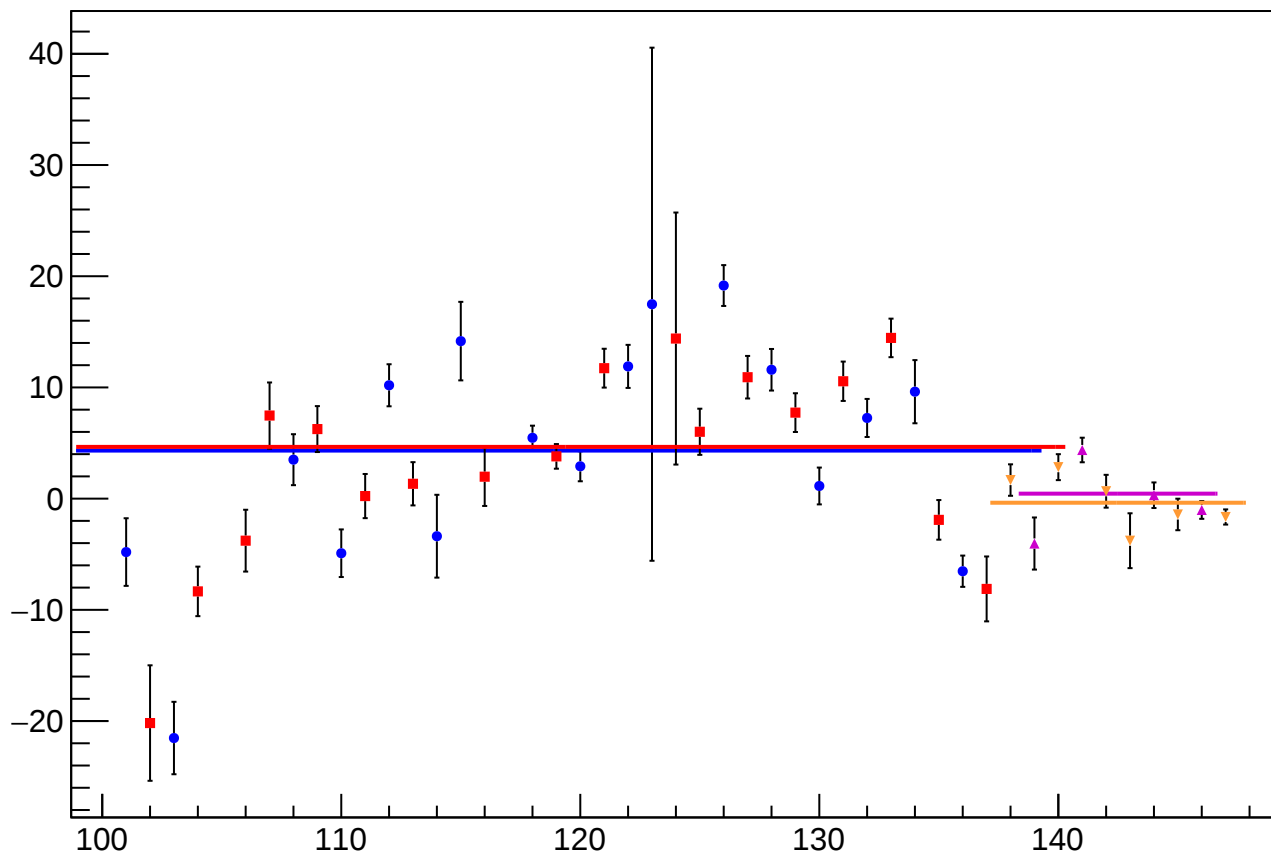
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.098+/-0.719 χ^2/NDF :69.9/3

Out: -12.556+/-0.674 χ^2/NDF :1828.3/5

All: -14.682+/-0.492 χ^2/NDF : 1919.5/9

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: -0.368 ± 0.471 χ^2/NDF : 16.1/5

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 0.448 ± 0.549 χ^2/NDF : 19.7/3

Left: -0.022 ± 0.357 χ^2/NDF : 37.0/9

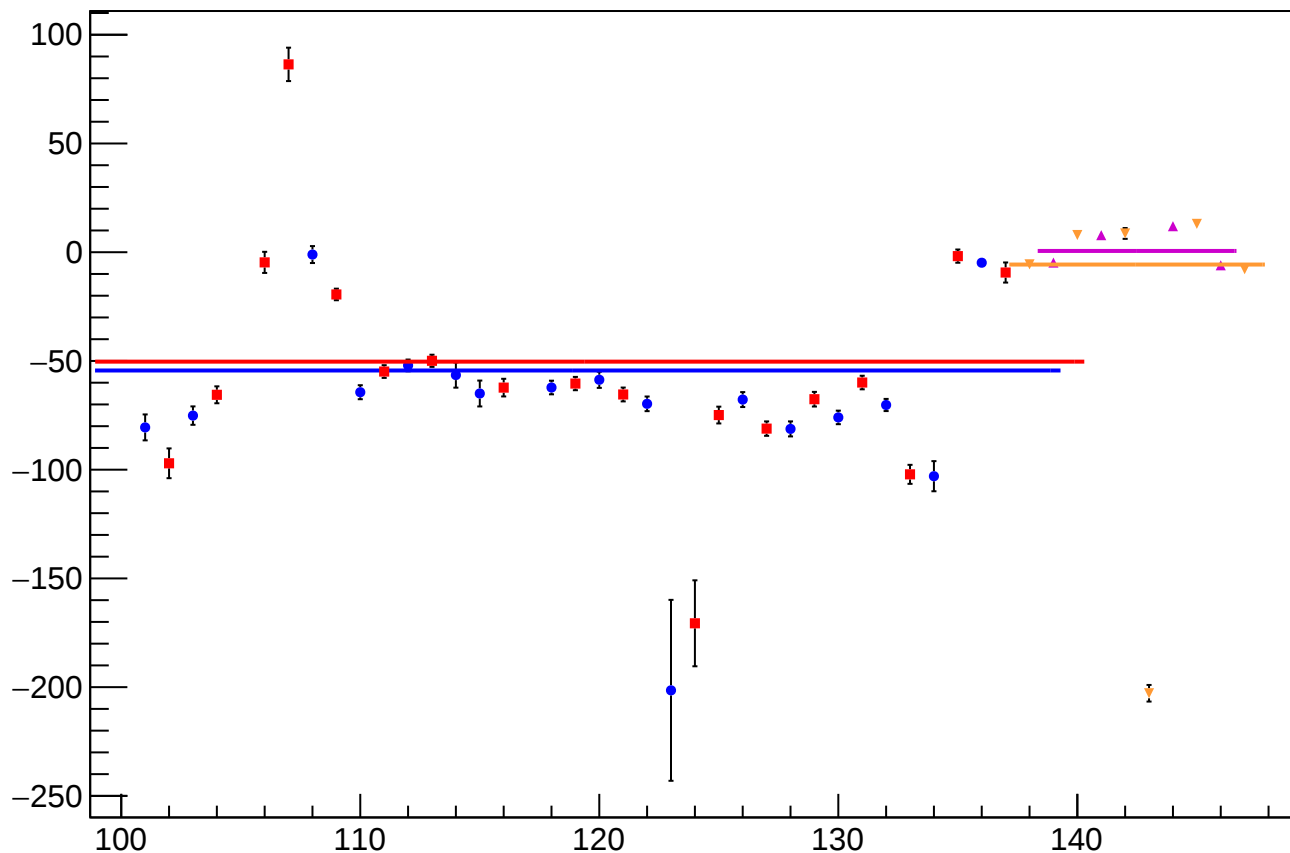
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 2.701 ± 0.355 χ^2/NDF : 329.0/20

Out: 2.127 ± 0.334 χ^2/NDF : 257.0/23

All: 2.397 ± 0.243 χ^2/NDF : 587.3/44

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: 0.585 ± 0.745 $\chi^2/\text{NDF}: 103.3/3$

Left: -2.753 ± 0.509 $\chi^2/\text{NDF}: 3041.0/9$

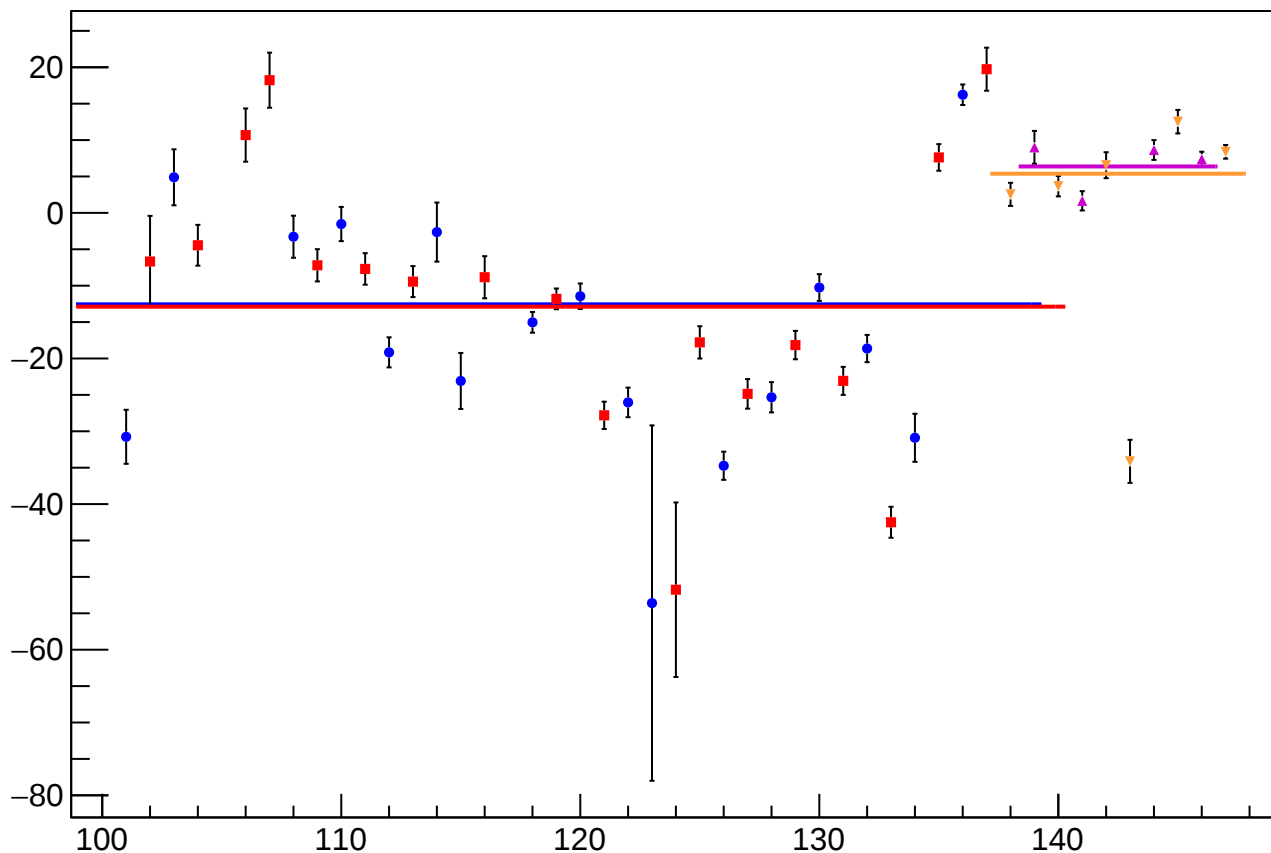
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -22.845 ± 0.564 $\chi^2/\text{NDF}: 3437.5/20$

Out: -23.394 ± 0.541 $\chi^2/\text{NDF}: 5850.9/23$

All: -23.131 ± 0.390 $\chi^2/\text{NDF}: 9288.9/44$

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: 6.375 ± 0.665 χ^2/NDF : 17.8/3

Left: 5.819 ± 0.442 χ^2/NDF : 232.5/9

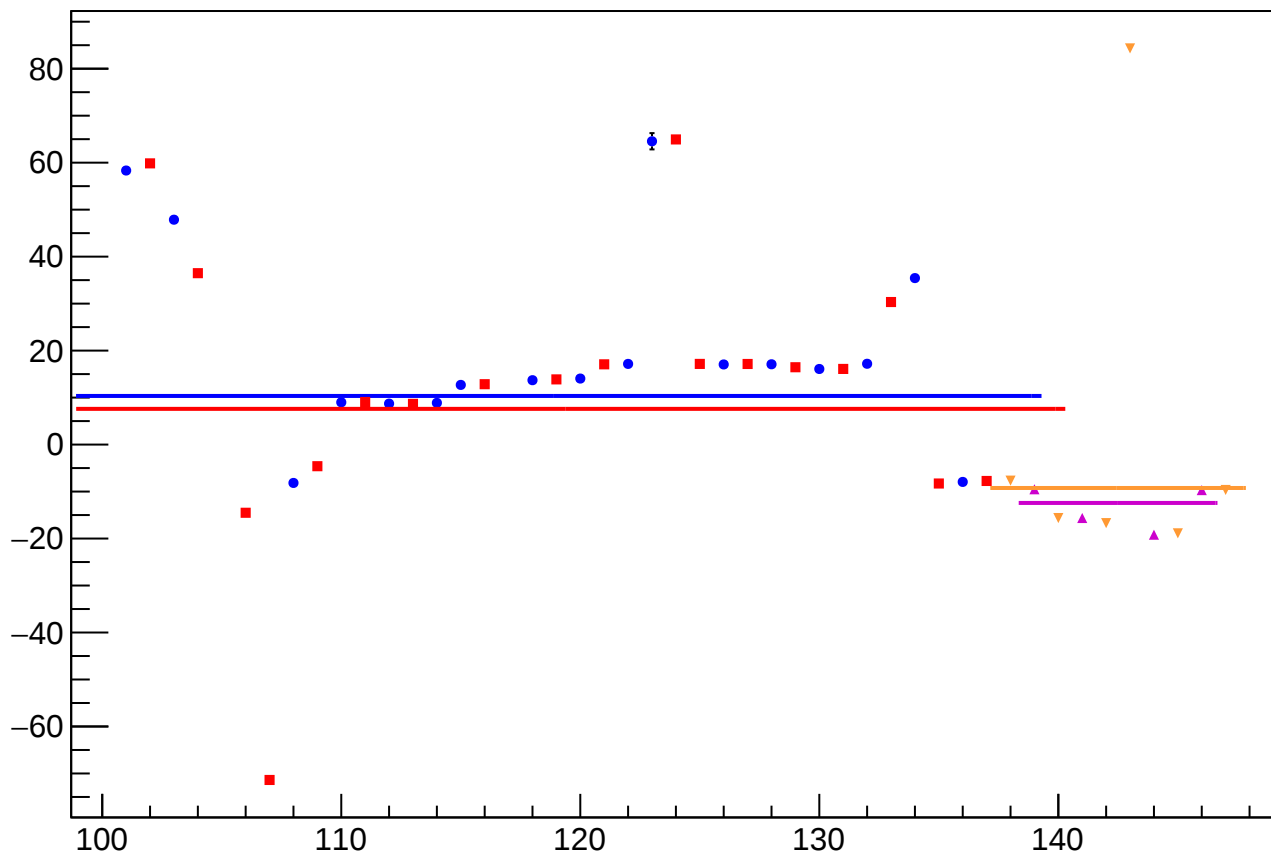
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -5.182 ± 0.415 χ^2/NDF : 1292.0/20

Out: -4.617 ± 0.398 χ^2/NDF : 1461.0/23

All: -4.888 ± 0.287 χ^2/NDF : 2753.9/44

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: -12.422 $\pm$ 0.030 χ^2 /NDF:15938.4/3

Left: -10.768 $\pm$ 0.021 χ^2 /NDF: 428671.8/9

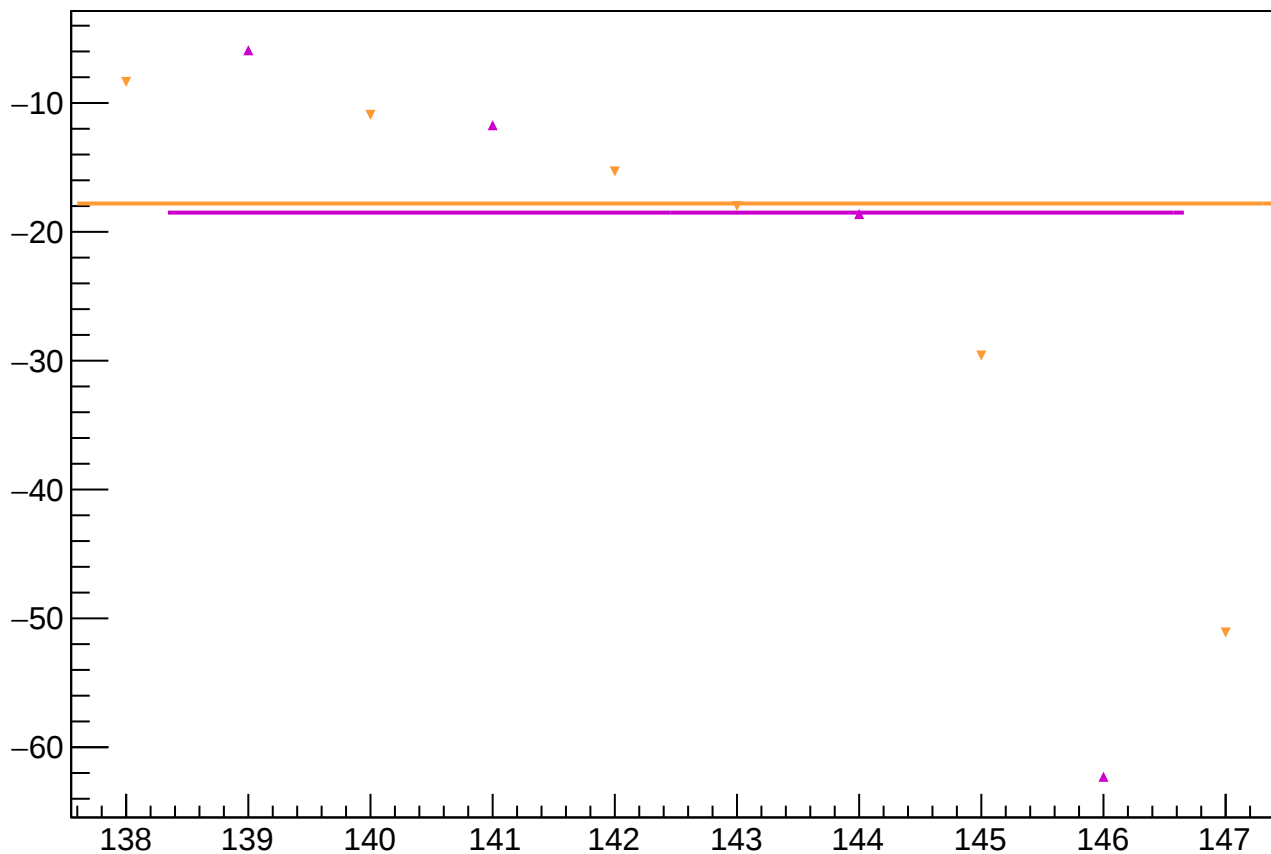
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -1.139 $\pm$ 0.022 χ^2 /NDF:676598.3/20

Out: -1.412 $\pm$ 0.021 χ^2 /NDF:1100457.4/23

All: -1.277 $\pm$ 0.015 χ^2 /NDF: 1777136.5/44

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: -18.509+/-0.122 χ^2/NDF :24338.8/3

Left: -18.124+/-0.083 χ^2/NDF : 37957.6/9

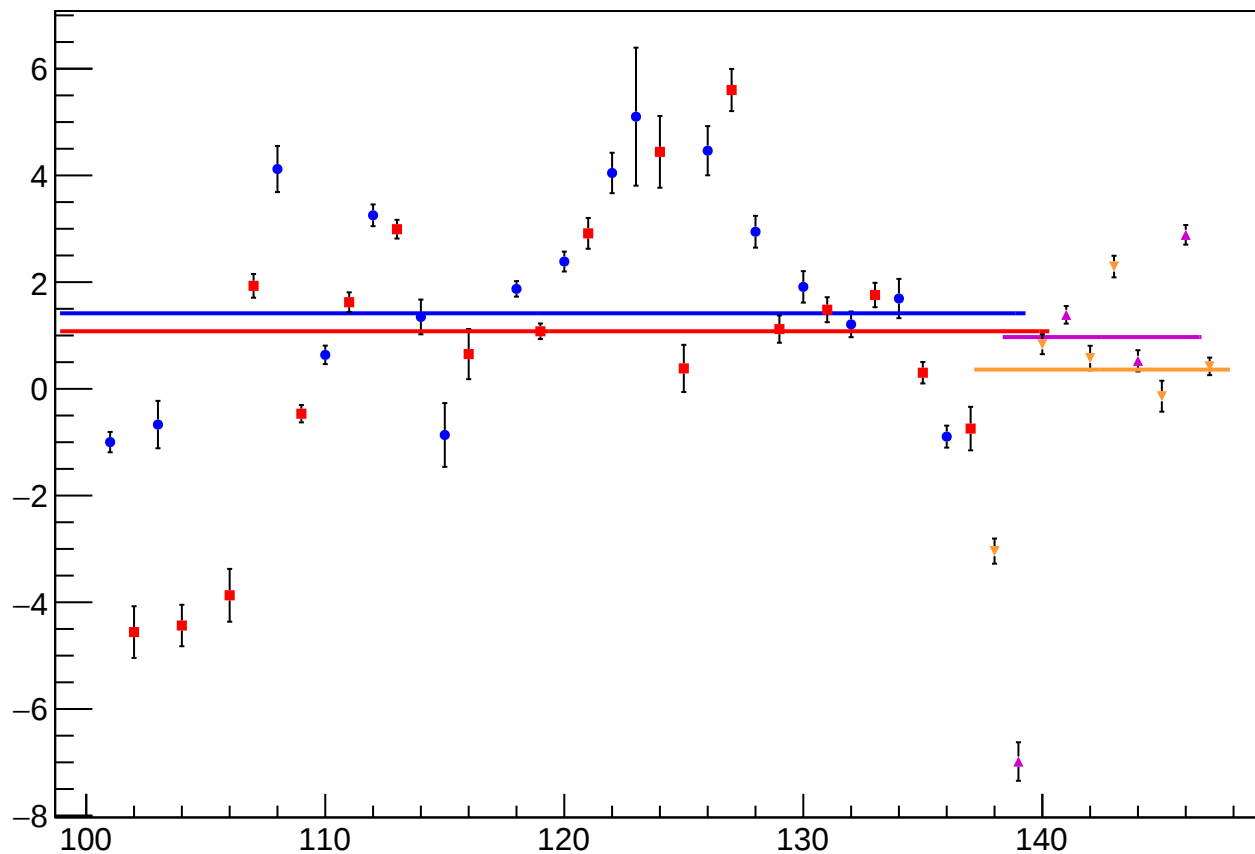
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.509+/-0.122 χ^2/NDF :24338.8/3

Out: -17.800+/-0.112 χ^2/NDF :13600.6/5

All: -18.124+/-0.083 χ^2/NDF : 37957.6/9

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: 0.971 ± 0.100 χ^2/NDF : 605.8/3

Left: 0.615 ± 0.065 χ^2/NDF : 938.0/9

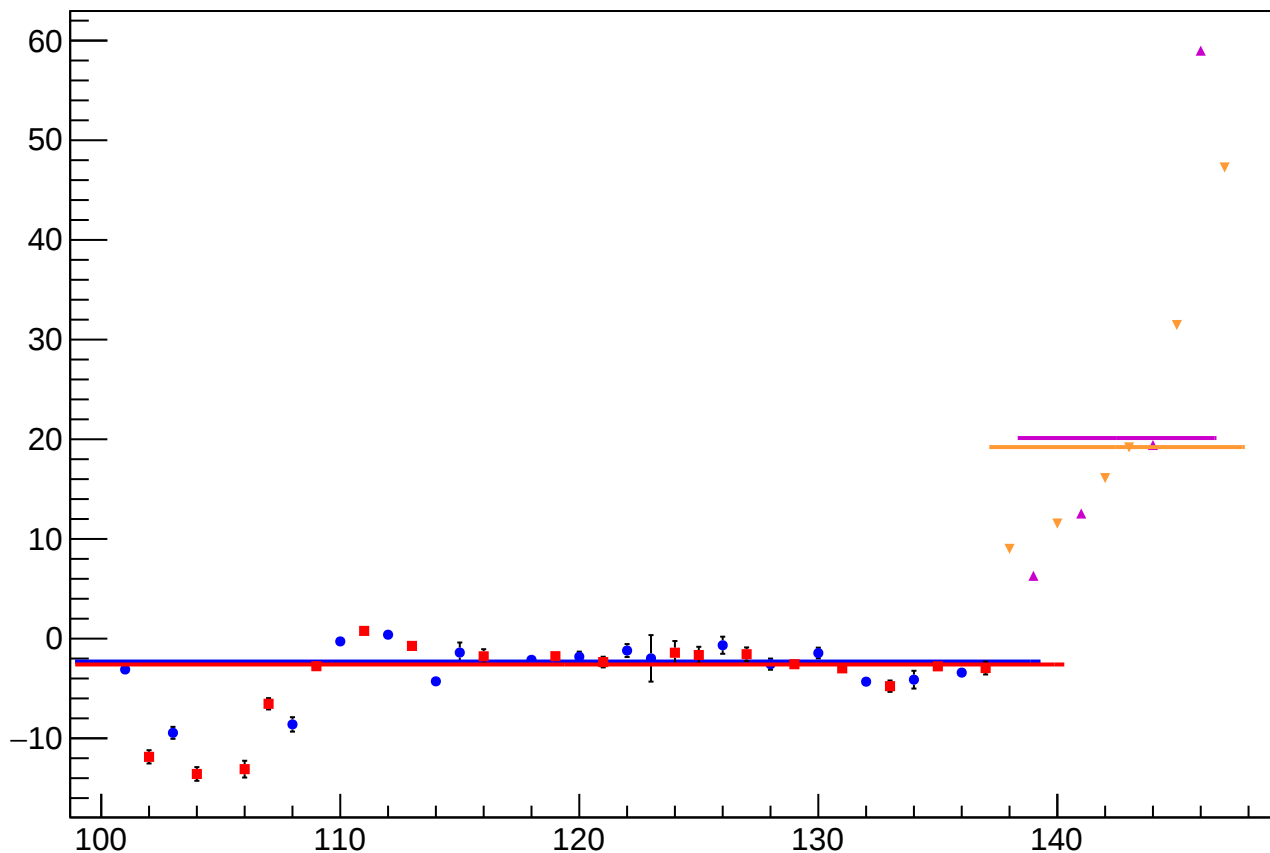
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.295 ± 0.052 χ^2/NDF : 1251.4/20

Out: 0.850 ± 0.048 χ^2/NDF : 1275.6/23

All: 1.054 ± 0.035 χ^2/NDF : 2566.5/44

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299+/-0.111 χ^2/NDF : 440.0/16

Left Out: 19.218+/-0.118 χ^2/NDF :11916.2/5

Right Out: -2.594+/-0.099 χ^2/NDF : 889.6/17

Left In: 20.125+/-0.128 χ^2/NDF :21872.4/3

Left: 19.633+/-0.087 χ^2/NDF : 33815.7/9

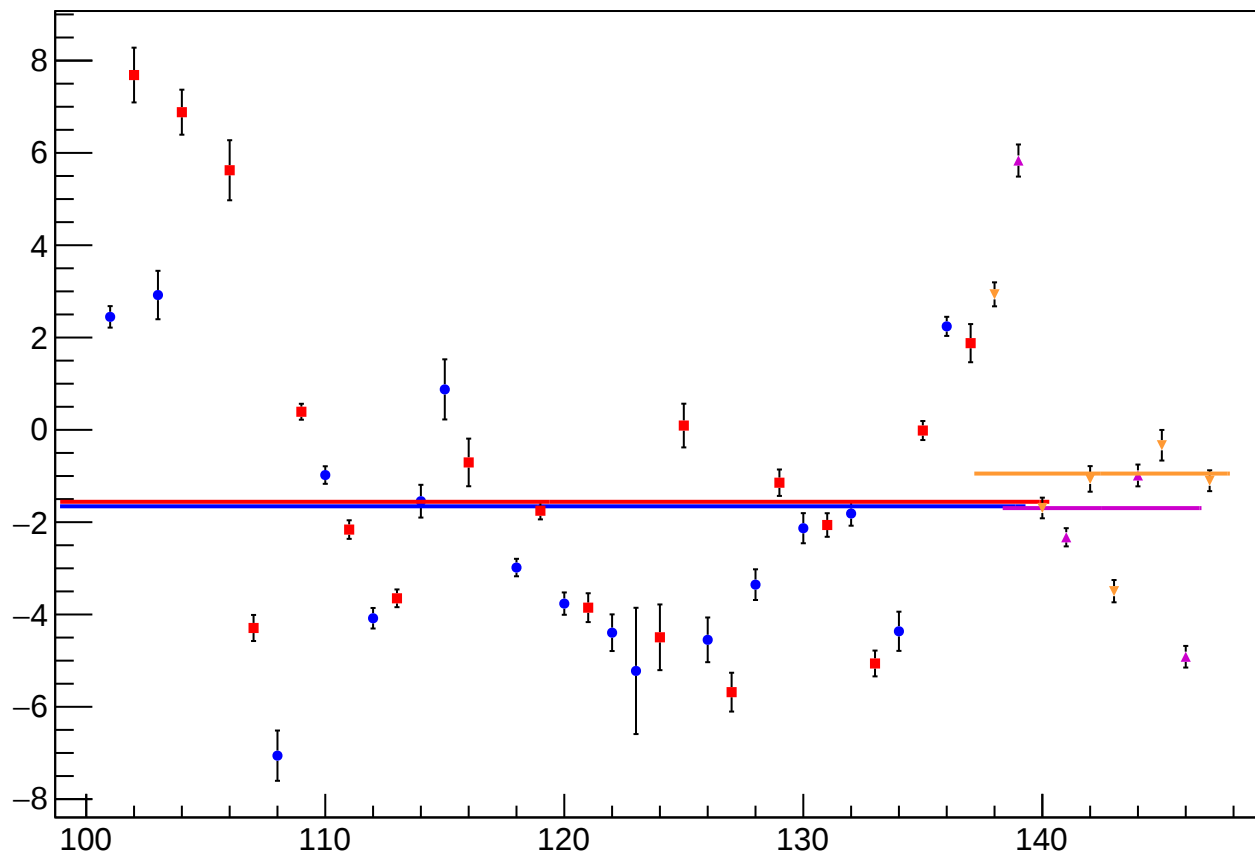
Right: -2.463+/-0.074 χ^2/NDF : 1333.6/34

In: 7.275+/-0.084 χ^2/NDF :39787.8/20

Out: 6.437+/-0.076 χ^2/NDF :32794.4/23

All: 6.814+/-0.056 χ^2/NDF : 72636.9/44

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: -1.695 ± 0.119 χ^2/NDF : 676.6/3

Left: -1.267 ± 0.078 χ^2/NDF : 1049.0/9

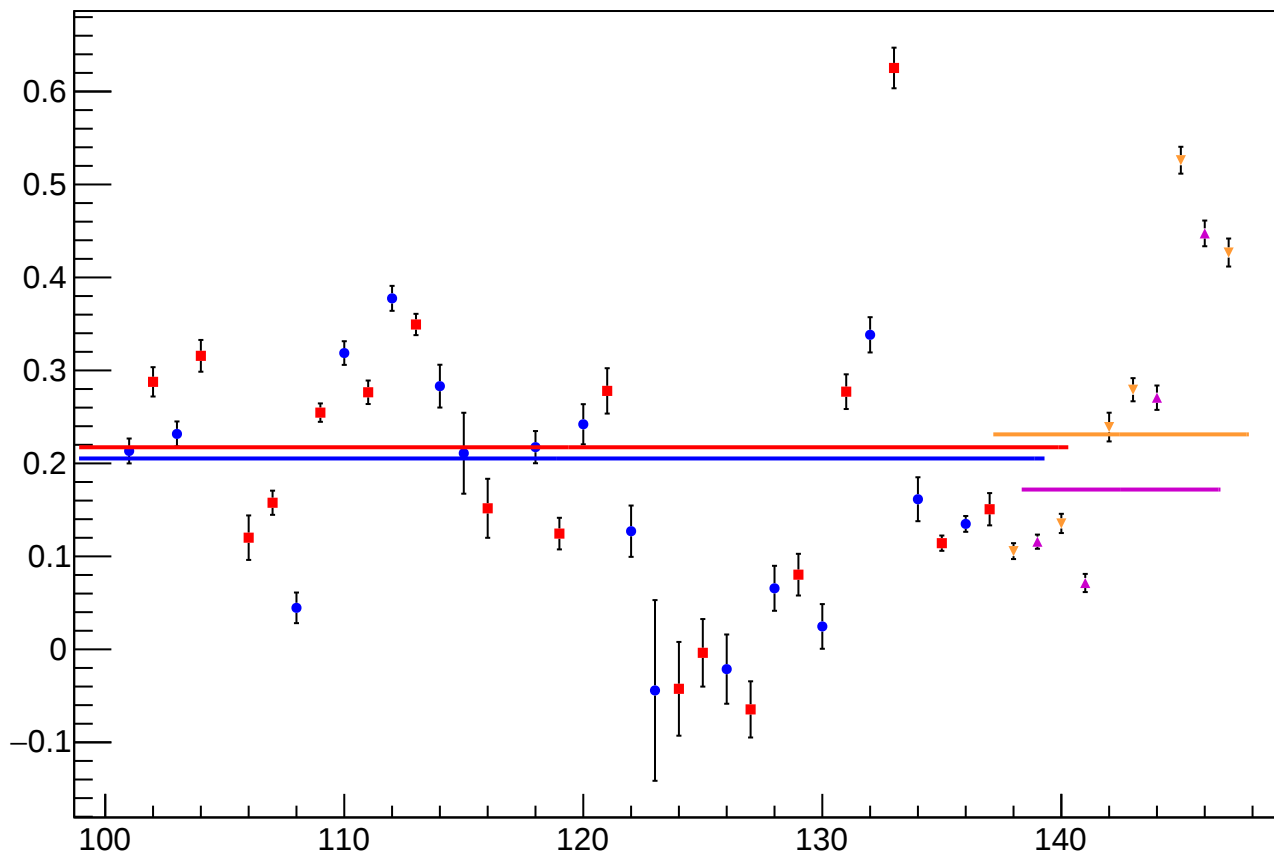
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.666 ± 0.061 χ^2/NDF : 1947.8/20

Out: -1.382 ± 0.055 χ^2/NDF : 1859.6/23

All: -1.512 ± 0.041 χ^2/NDF : 3819.4/44

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.231 ± 0.005 χ^2/NDF : 902.0/5

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.172 ± 0.005 χ^2/NDF : 613.7/3

Left: 0.203 ± 0.004 χ^2/NDF : 1587.3/9

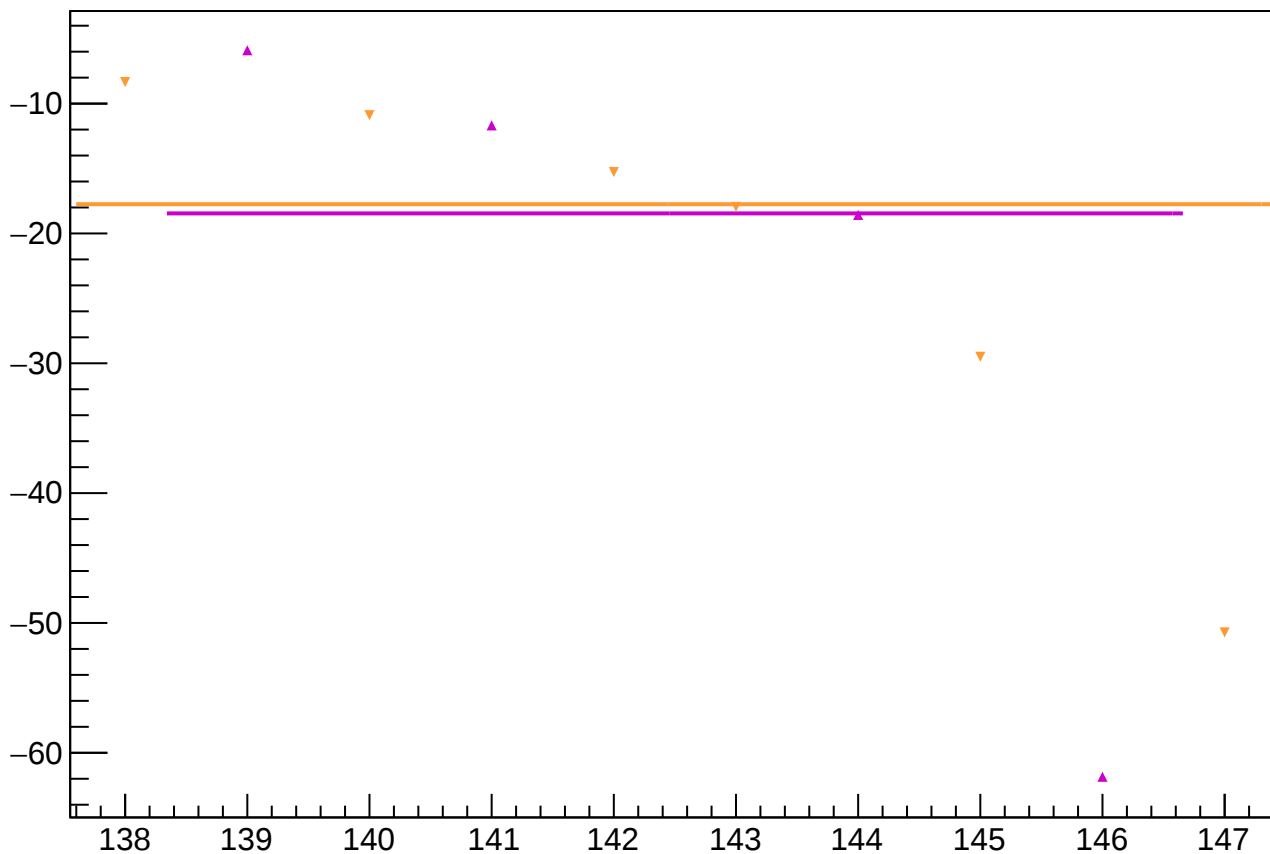
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.192 ± 0.003 χ^2/NDF : 1260.2/20

Out: 0.223 ± 0.003 χ^2/NDF : 1926.6/23

All: 0.209 ± 0.002 χ^2/NDF : 3235.9/44

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: -18.456+/-0.121 χ^2/NDF :24293.2/3

Left: -18.072+/-0.082 χ^2/NDF : 37887.9/9

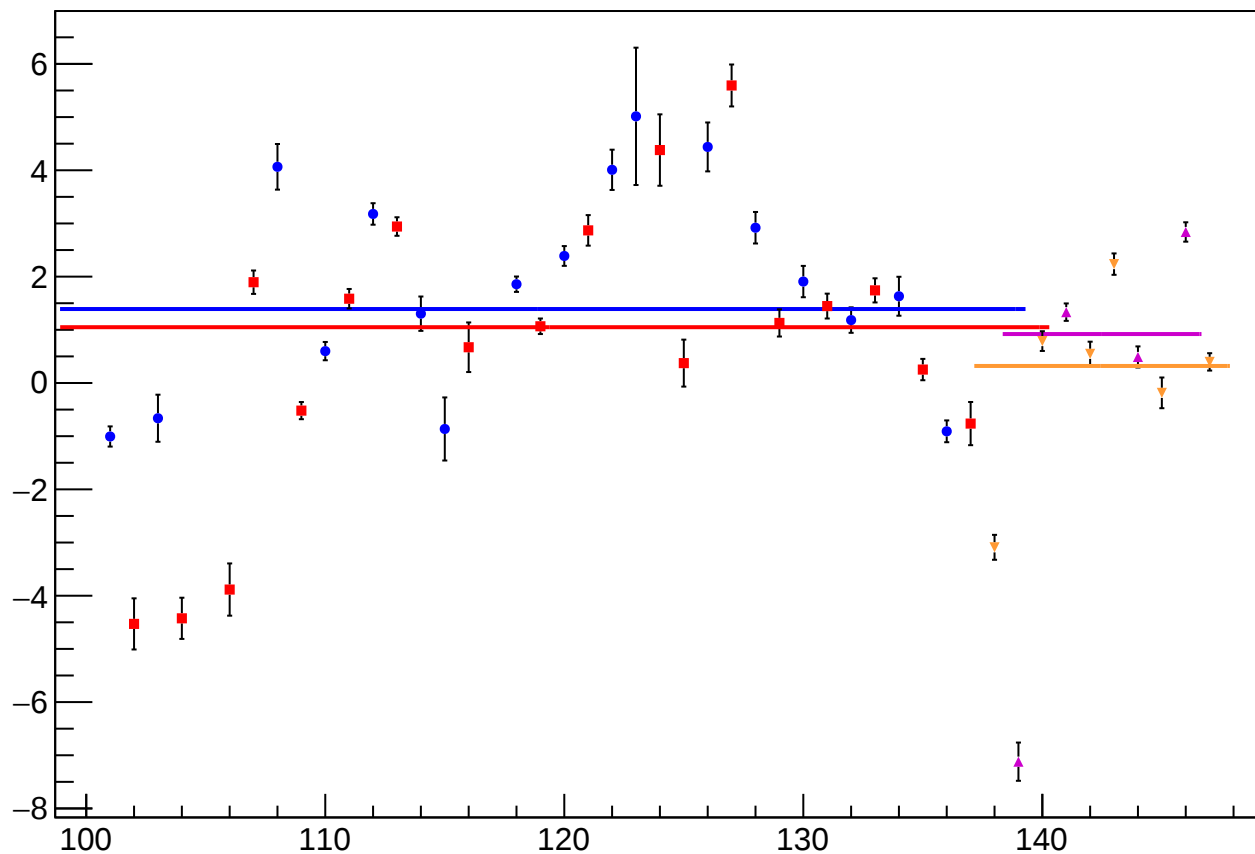
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.456+/-0.121 χ^2/NDF :24293.2/3

Out: -17.749+/-0.111 χ^2/NDF :13576.3/5

All: -18.072+/-0.082 χ^2/NDF : 37887.9/9

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: 0.920 $\pm$ 0.100 χ^2 /NDF:622.3/3

Left: 0.570 $\pm$ 0.064 χ^2 /NDF: 956.3/9

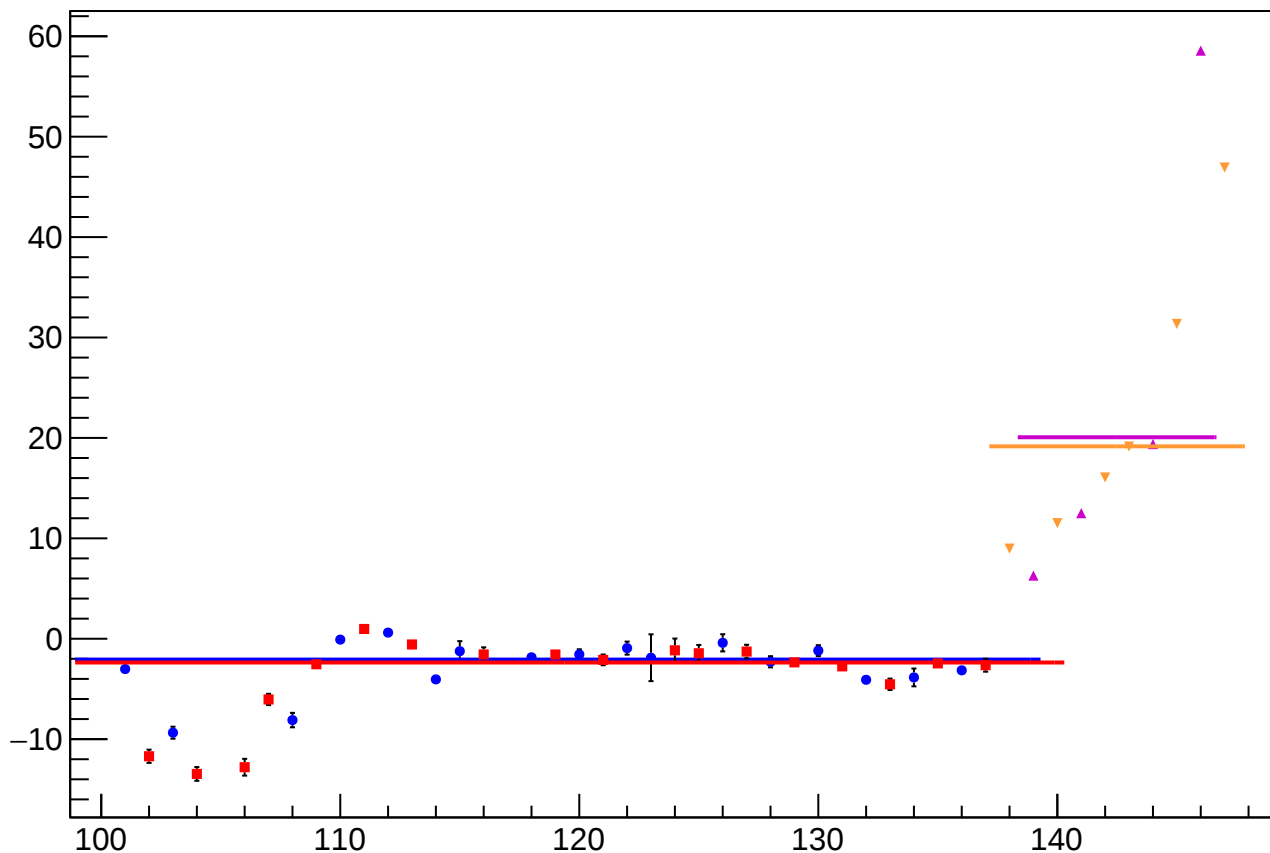
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.263 $\pm$ 0.052 χ^2 /NDF:1267.7/20

Out: 0.816 $\pm$ 0.048 χ^2 /NDF:1283.4/23

All: 1.020 $\pm$ 0.035 χ^2 /NDF: 2591.3/44

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 19.160 ± 0.118 $\chi^2/\text{NDF}: 11888.5/5$

Right Out: -2.366 ± 0.099 $\chi^2/\text{NDF}: 893.2/17$

Left In: 20.066 ± 0.128 $\chi^2/\text{NDF}: 21821.5/3$

Left: 19.575 ± 0.086 $\chi^2/\text{NDF}: 33737.2/9$

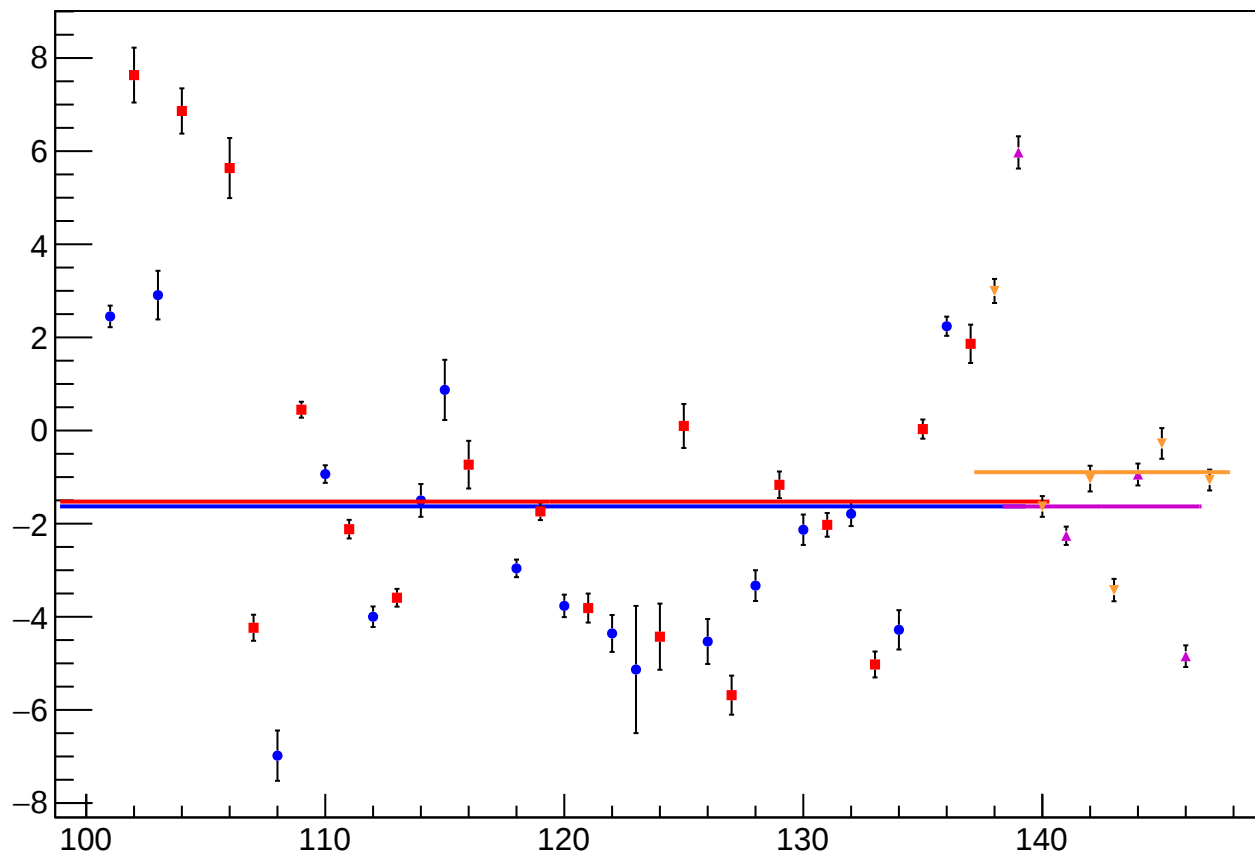
Right: -2.237 ± 0.074 $\chi^2/\text{NDF}: 1339.4/34$

In: 7.377 ± 0.083 $\chi^2/\text{NDF}: 39470.7/20$

Out: 6.543 ± 0.076 $\chi^2/\text{NDF}: 32451.3/23$

All: 6.919 ± 0.056 $\chi^2/\text{NDF}: 71976.9/44$

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: -1.630 ± 0.119 χ^2/NDF : 691.8/3

Left: -1.209 ± 0.078 χ^2/NDF : 1066.3/9

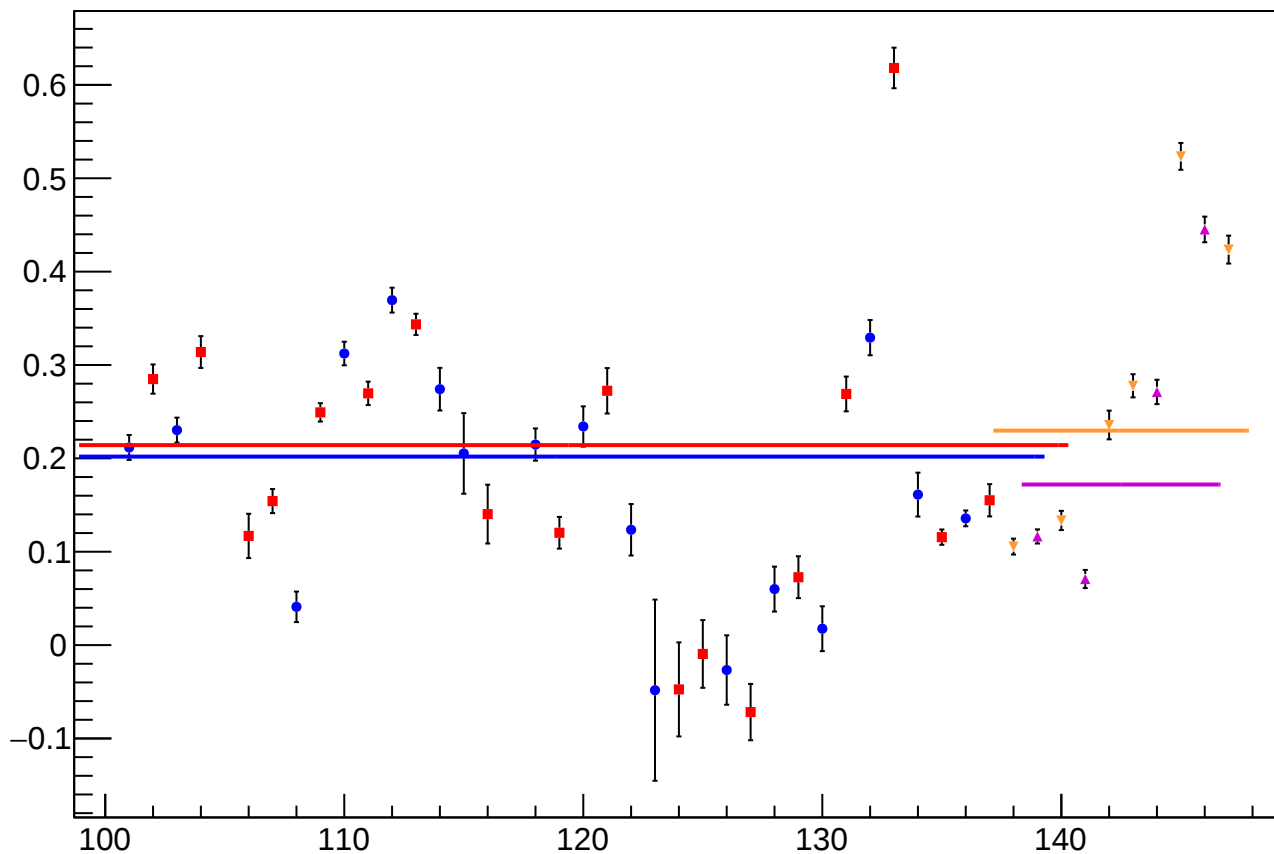
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.630 ± 0.060 χ^2/NDF : 1958.1/20

Out: -1.344 ± 0.055 χ^2/NDF : 1867.7/23

All: -1.474 ± 0.041 χ^2/NDF : 3838.0/44

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.230 ± 0.005 $\chi^2/\text{NDF}: 901.1/5$

Right Out: 0.214 ± 0.004 $\chi^2/\text{NDF}: 1001.6/17$

Left In: 0.172 ± 0.005 $\chi^2/\text{NDF}: 615.8/3$

Left: 0.202 ± 0.003 $\chi^2/\text{NDF}: 1585.4/9$

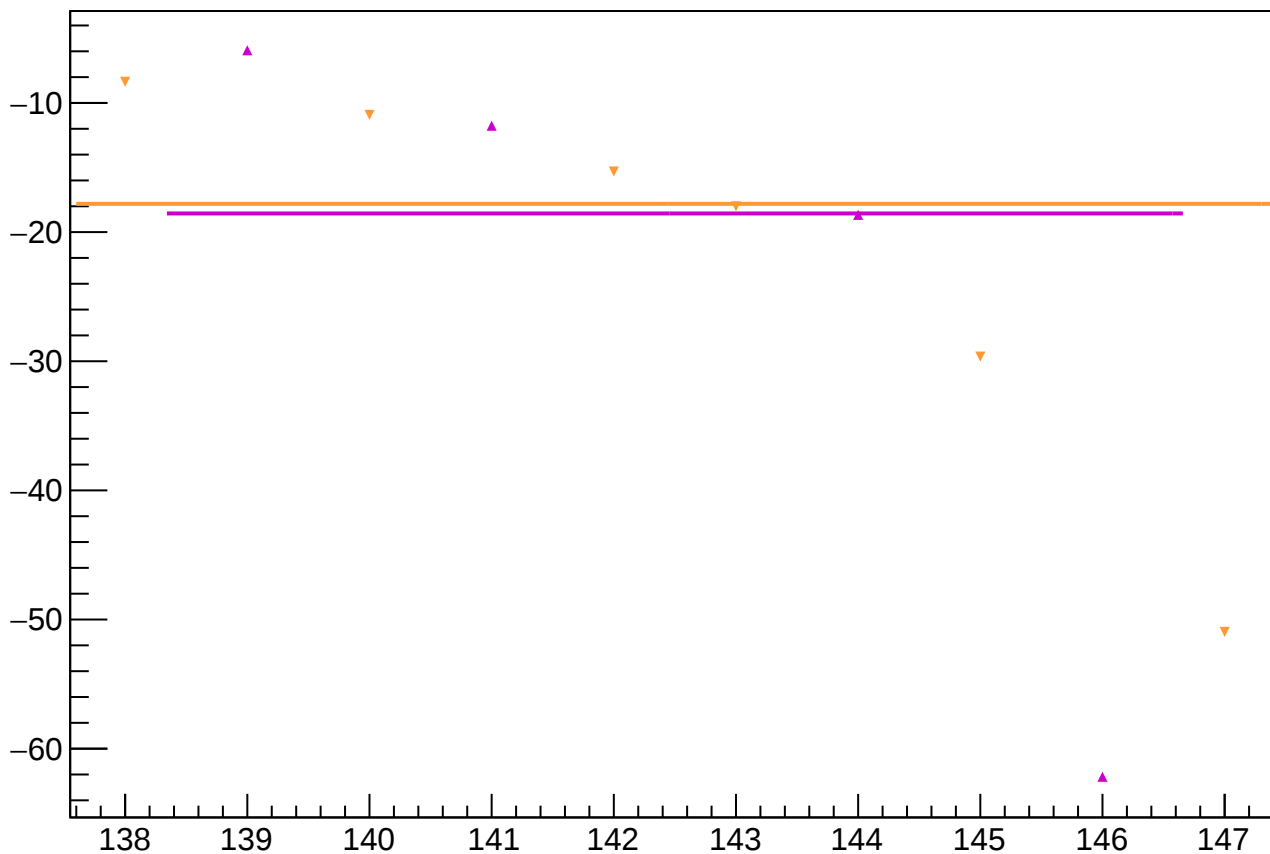
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1611.2/34$

In: 0.190 ± 0.003 $\chi^2/\text{NDF}: 1241.5/20$

Out: 0.220 ± 0.003 $\chi^2/\text{NDF}: 1909.3/23$

All: 0.206 ± 0.002 $\chi^2/\text{NDF}: 3198.6/44$

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: -18.556+/-0.122 χ^2/NDF :24326.5/3

Left: -18.153+/-0.082 χ^2/NDF : 37928.5/9

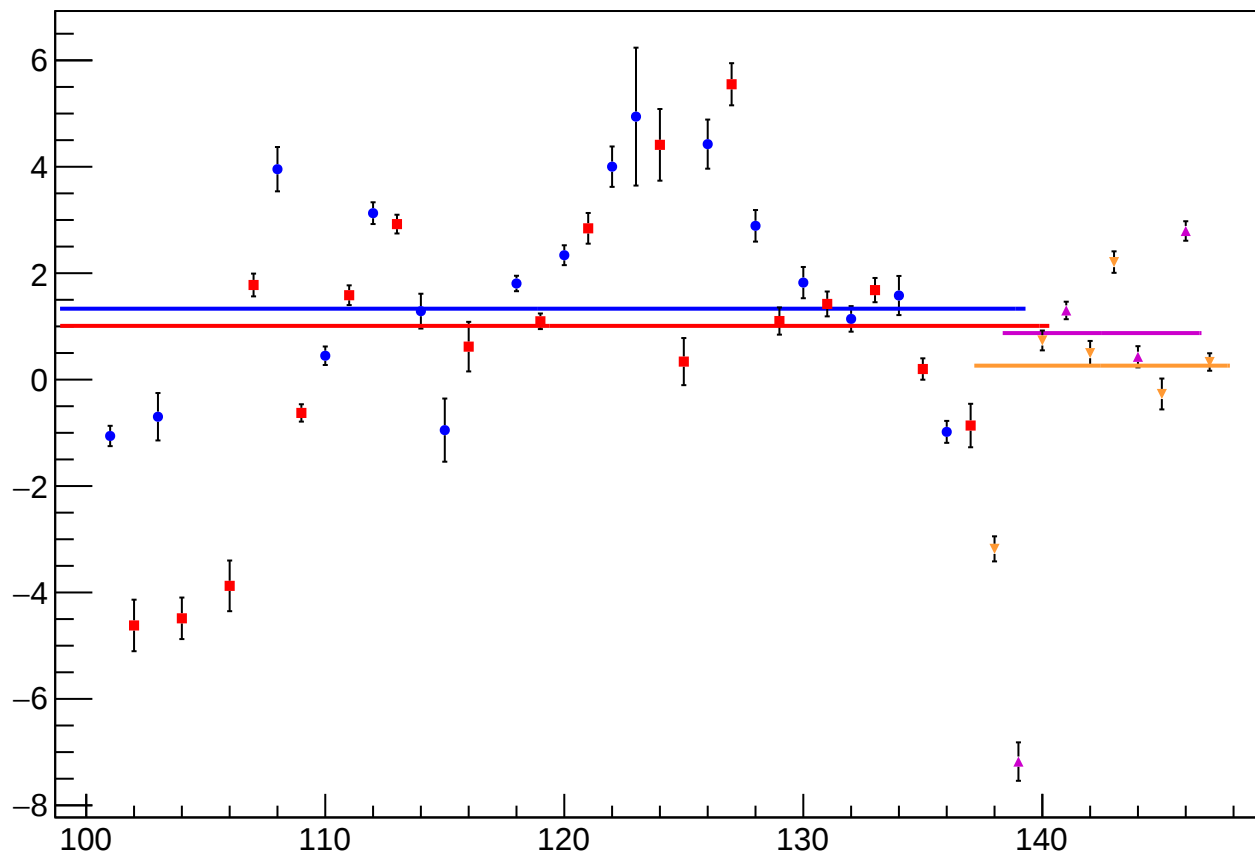
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.556+/-0.122 χ^2/NDF :24326.5/3

Out: -17.813+/-0.112 χ^2/NDF :13582.0/5

All: -18.153+/-0.082 χ^2/NDF : 37928.5/9

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: 0.875 ± 0.100 $\chi^2/\text{NDF}: 618.8/3$

Left: 0.518 ± 0.065 $\chi^2/\text{NDF}: 958.1/9$

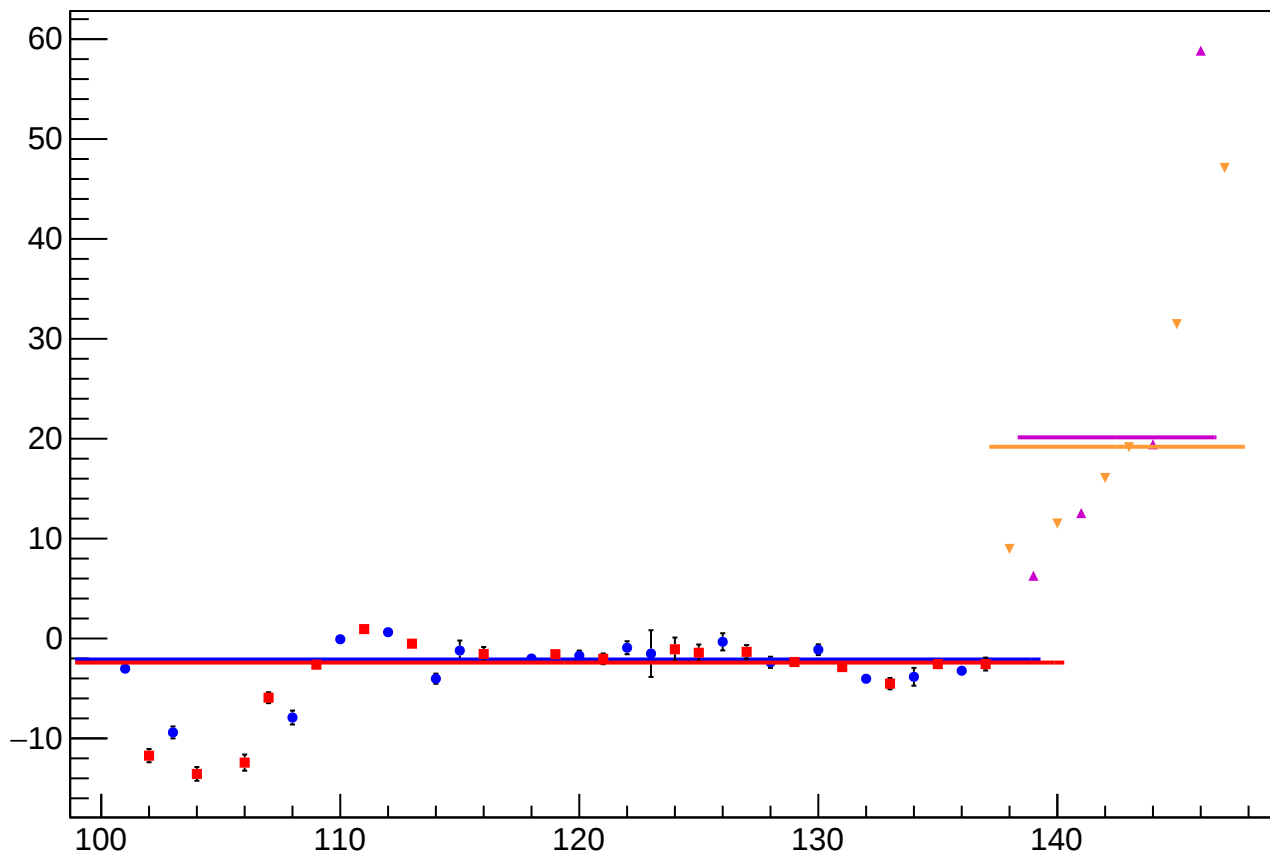
Right: 1.163 ± 0.042 $\chi^2/\text{NDF}: 1579.5/34$

In: 1.208 ± 0.052 $\chi^2/\text{NDF}: 1268.6/20$

Out: 0.771 ± 0.048 $\chi^2/\text{NDF}: 1300.8/23$

All: 0.971 ± 0.035 $\chi^2/\text{NDF}: 2607.5/44$

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: 20.137 ± 0.128 χ^2/NDF : 21854.9/3

Left: 19.627 ± 0.087 χ^2/NDF : 33780.2/9

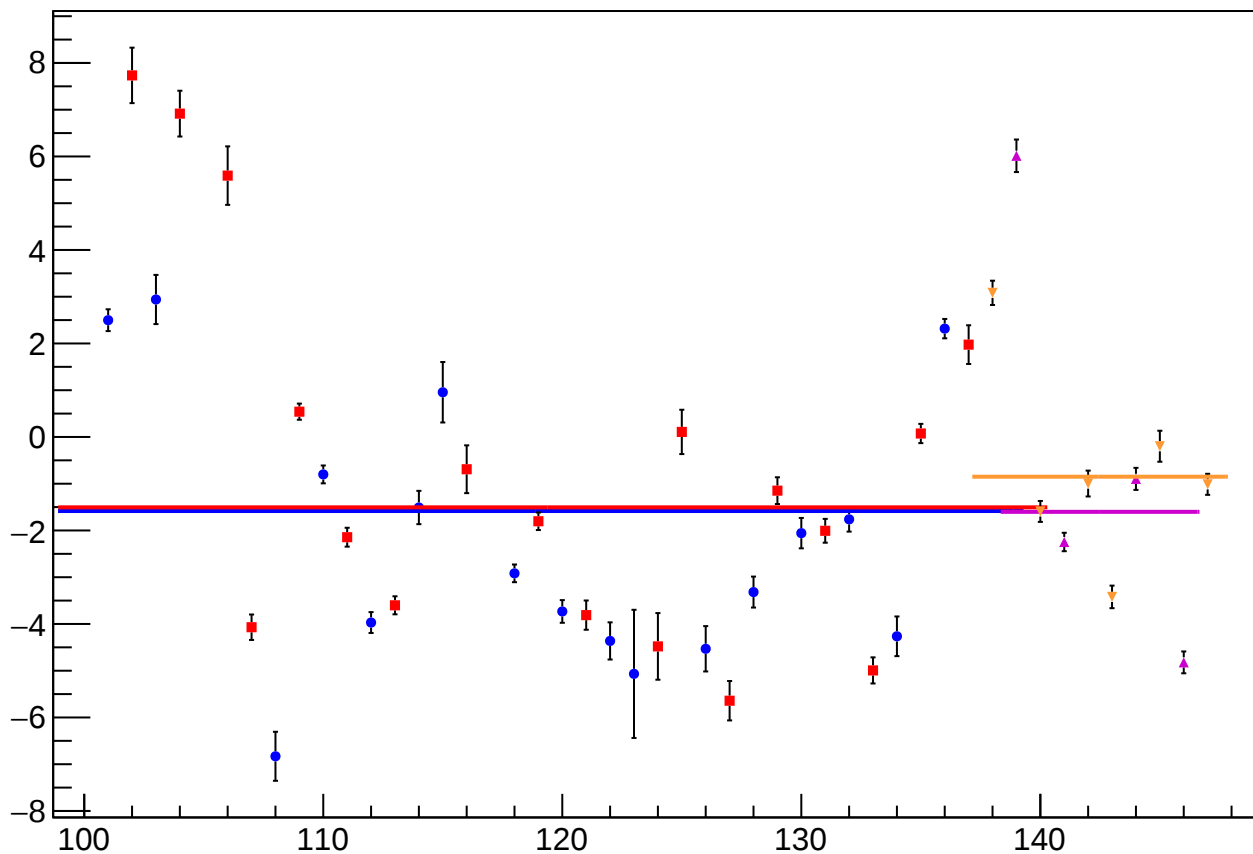
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 7.401 ± 0.084 χ^2/NDF : 39490.7/20

Out: 6.536 ± 0.076 χ^2/NDF : 32410.8/23

All: 6.926 ± 0.056 χ^2/NDF : 71960.0/44

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -0.850 ± 0.103 χ^2/NDF : 358.2/5

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.602 ± 0.119 χ^2/NDF : 688.6/3

Left: -1.172 ± 0.078 χ^2/NDF : 1069.6/9

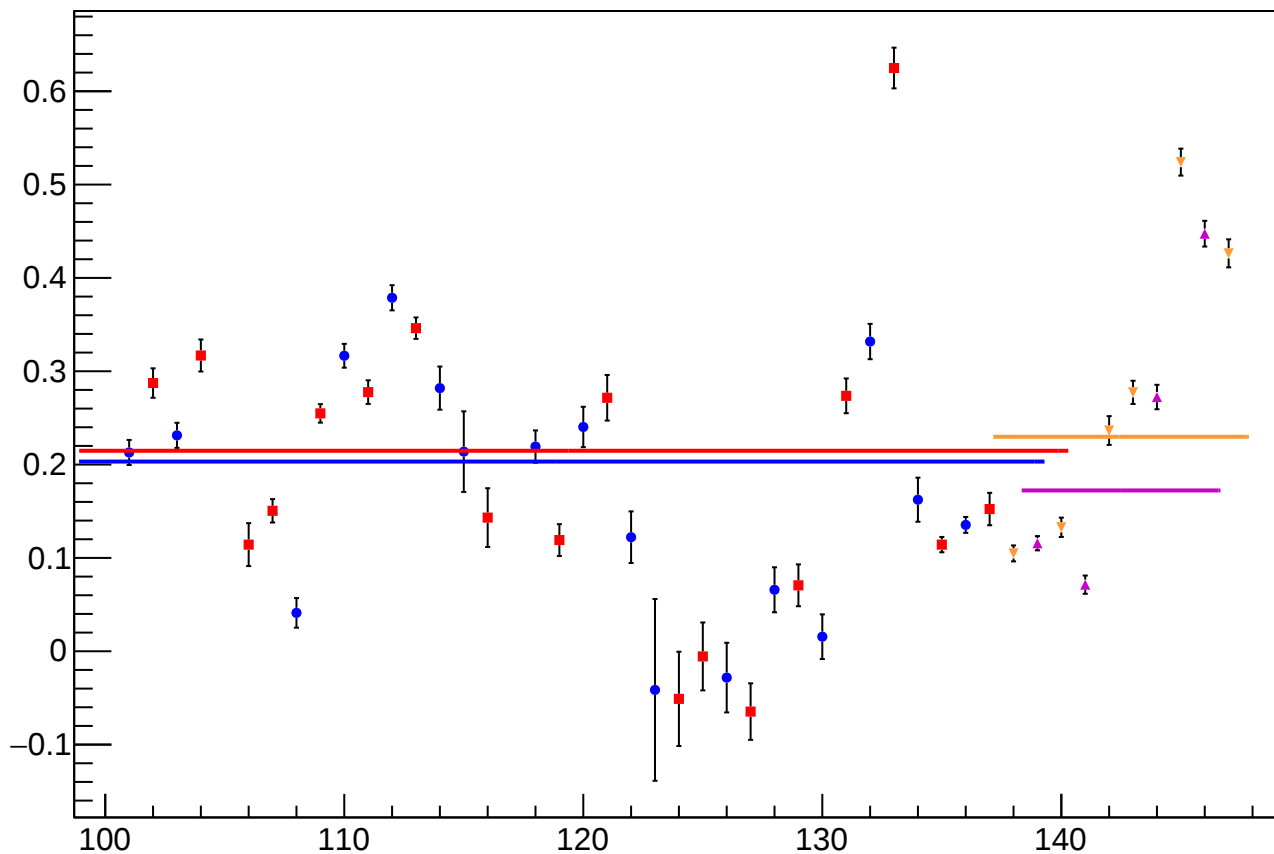
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.589 ± 0.061 χ^2/NDF : 1960.8/20

Out: -1.317 ± 0.055 χ^2/NDF : 1886.8/23

All: -1.440 ± 0.041 χ^2/NDF : 3858.5/44

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:618.1/3

Left: 0.203 $\pm$ 0.003 χ^2 /NDF: 1587.9/9

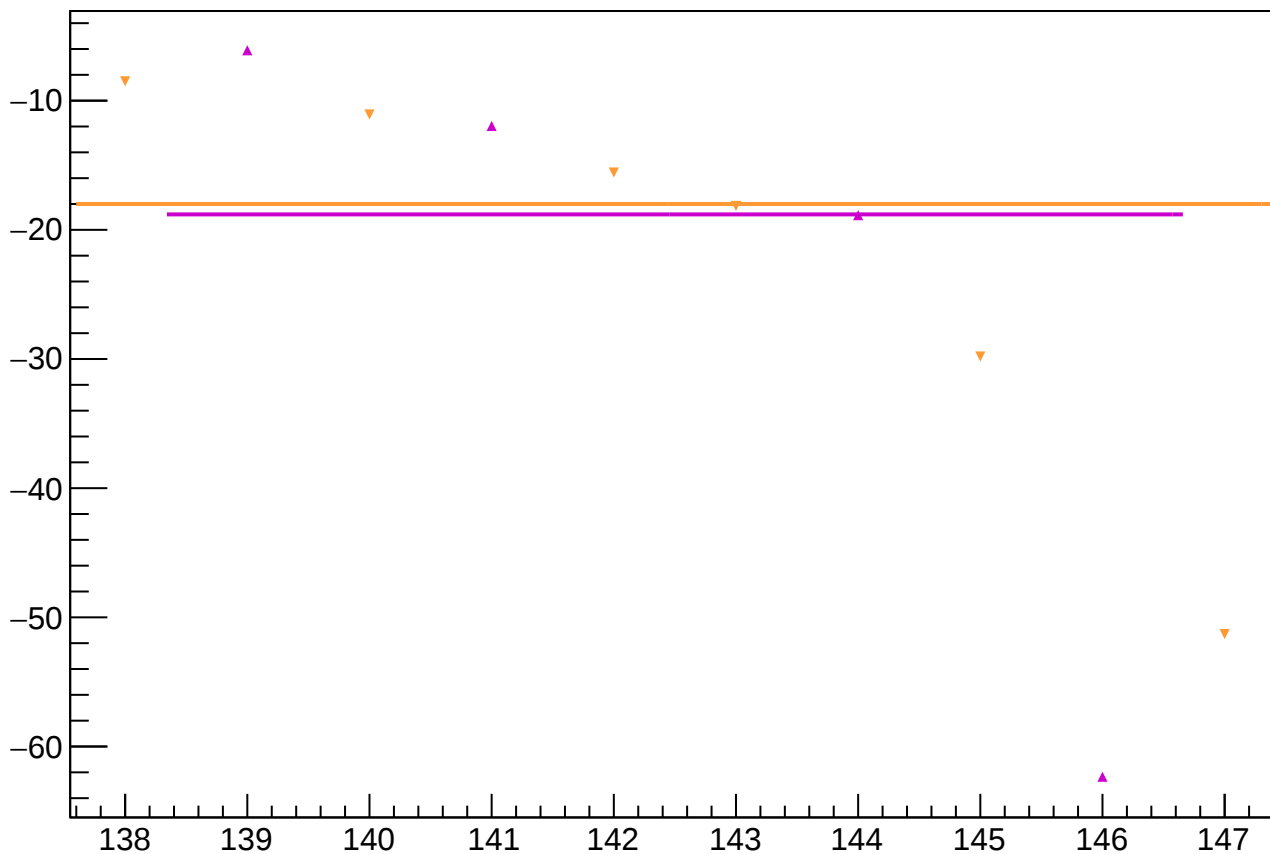
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.191 $\pm$ 0.003 χ^2 /NDF:1273.3/20

Out: 0.220 $\pm$ 0.003 χ^2 /NDF:1941.4/23

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3260.5/44

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: -18.804+/-0.123 χ^2/NDF :23972.1/3

Left: -18.367+/-0.083 χ^2/NDF : 37461.3/9

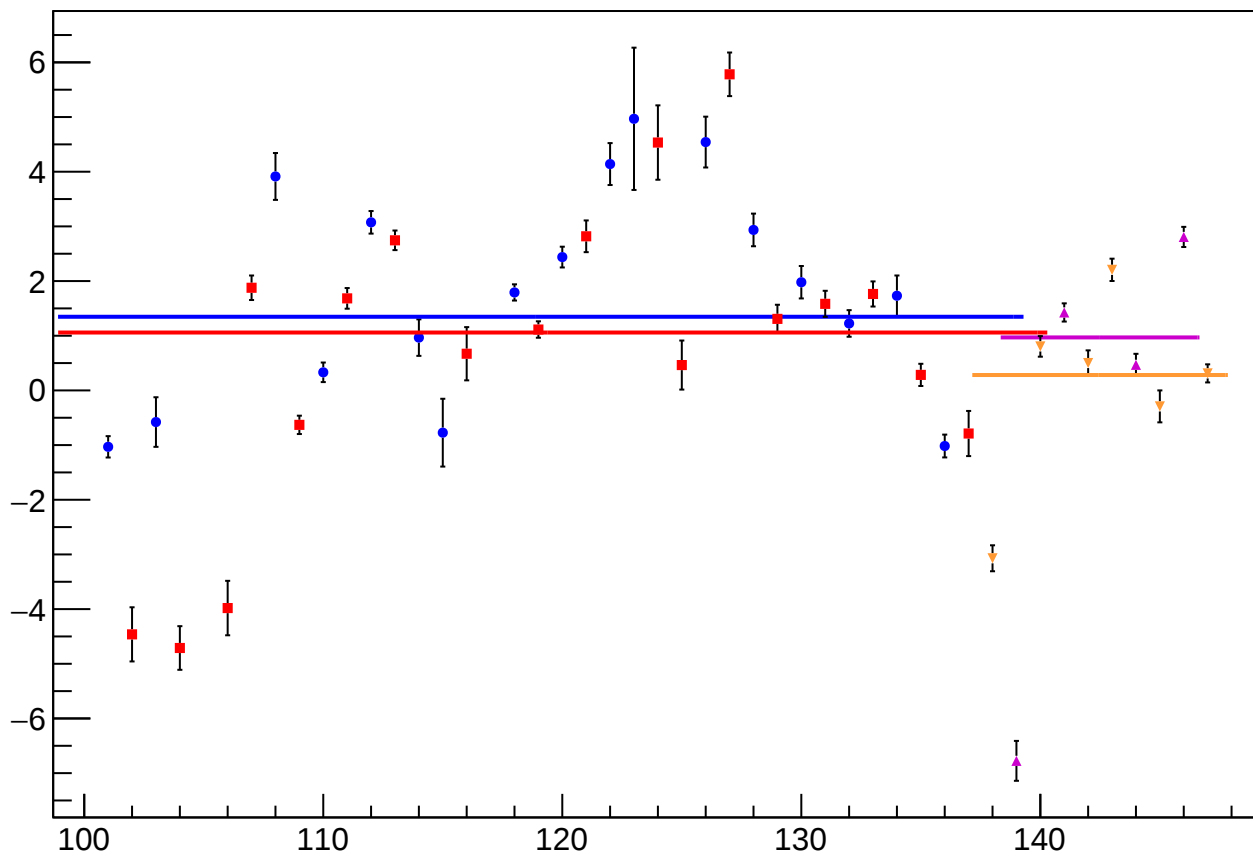
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Out: -18.000+/-0.113 χ^2/NDF :13466.1/5

All: -18.367+/-0.083 χ^2/NDF : 37461.3/9

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: 0.969 ± 0.101 χ^2/NDF : 563.7/3

Left: 0.568 ± 0.065 χ^2/NDF : 891.2/9

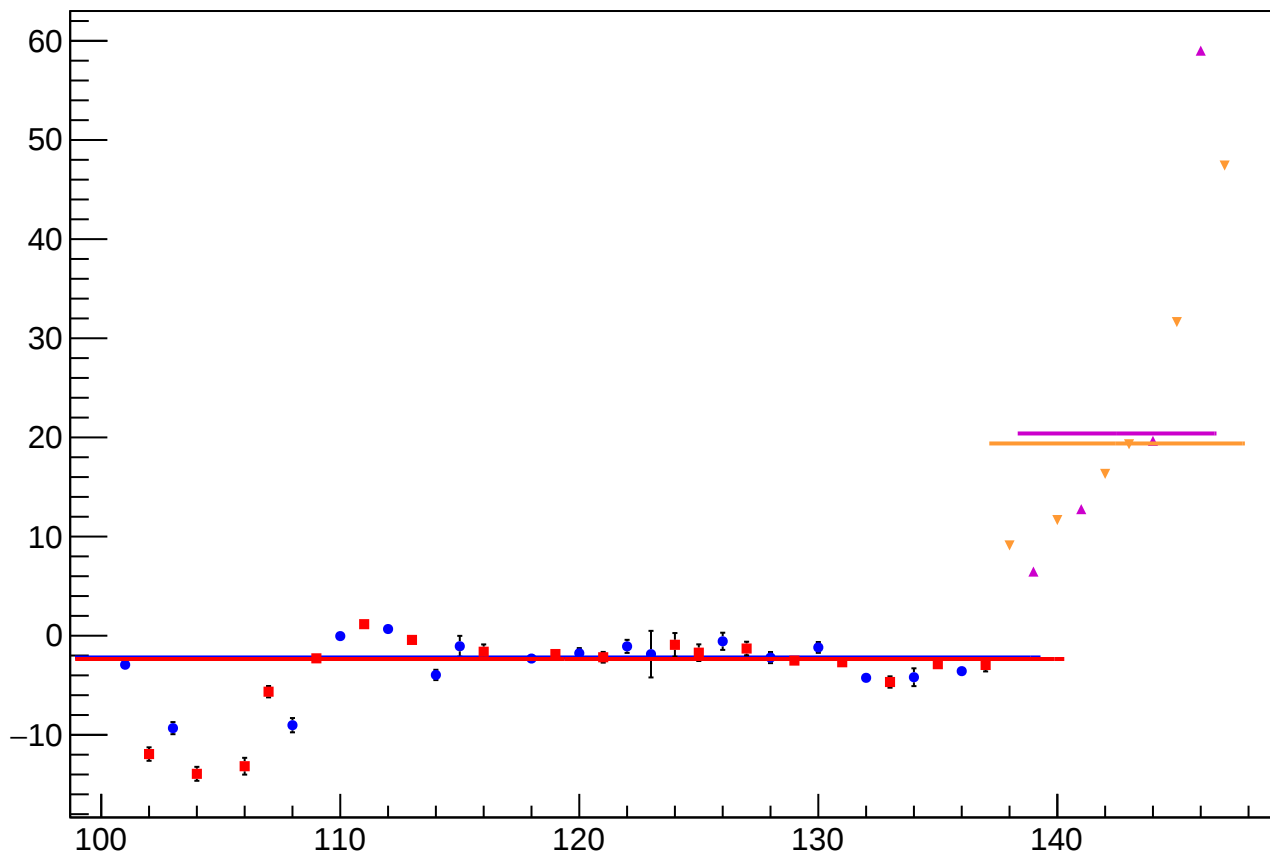
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.243 ± 0.053 χ^2/NDF : 1204.0/20

Out: 0.806 ± 0.049 χ^2/NDF : 1261.7/23

All: 1.006 ± 0.036 χ^2/NDF : 2502.4/44

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: 20.398 ± 0.130 $\chi^2/\text{NDF}: 21517.1/3$

Left: 19.851 ± 0.088 $\chi^2/\text{NDF}: 33337.3/9$

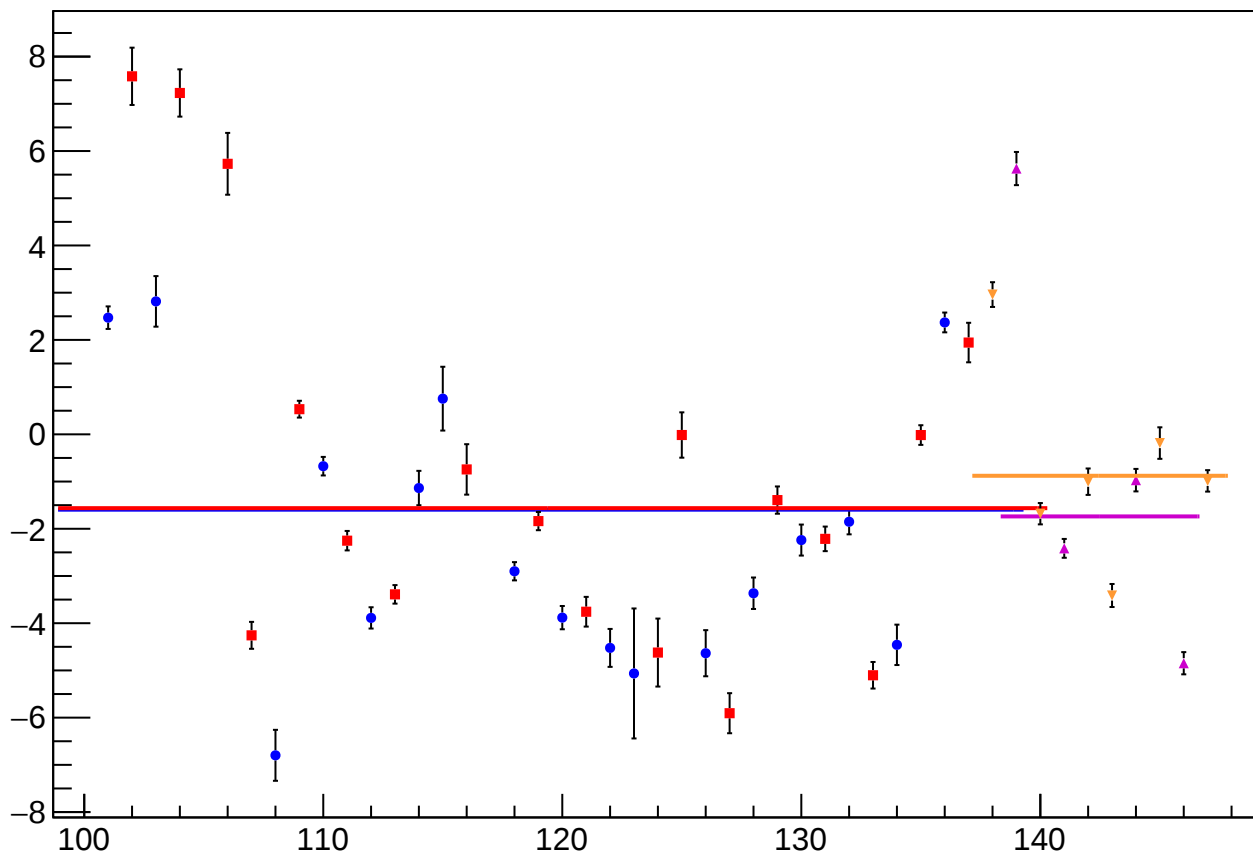
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 7.548 ± 0.085 $\chi^2/\text{NDF}: 39263.5/20$

Out: 6.778 ± 0.077 $\chi^2/\text{NDF}: 32017.4/23$

All: 7.126 ± 0.057 $\chi^2/\text{NDF}: 71325.9/44$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.878 ± 0.104 χ^2/NDF : 339.9/5

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.738 ± 0.120 χ^2/NDF : 635.8/3

Left: -1.246 ± 0.079 χ^2/NDF : 1004.9/9

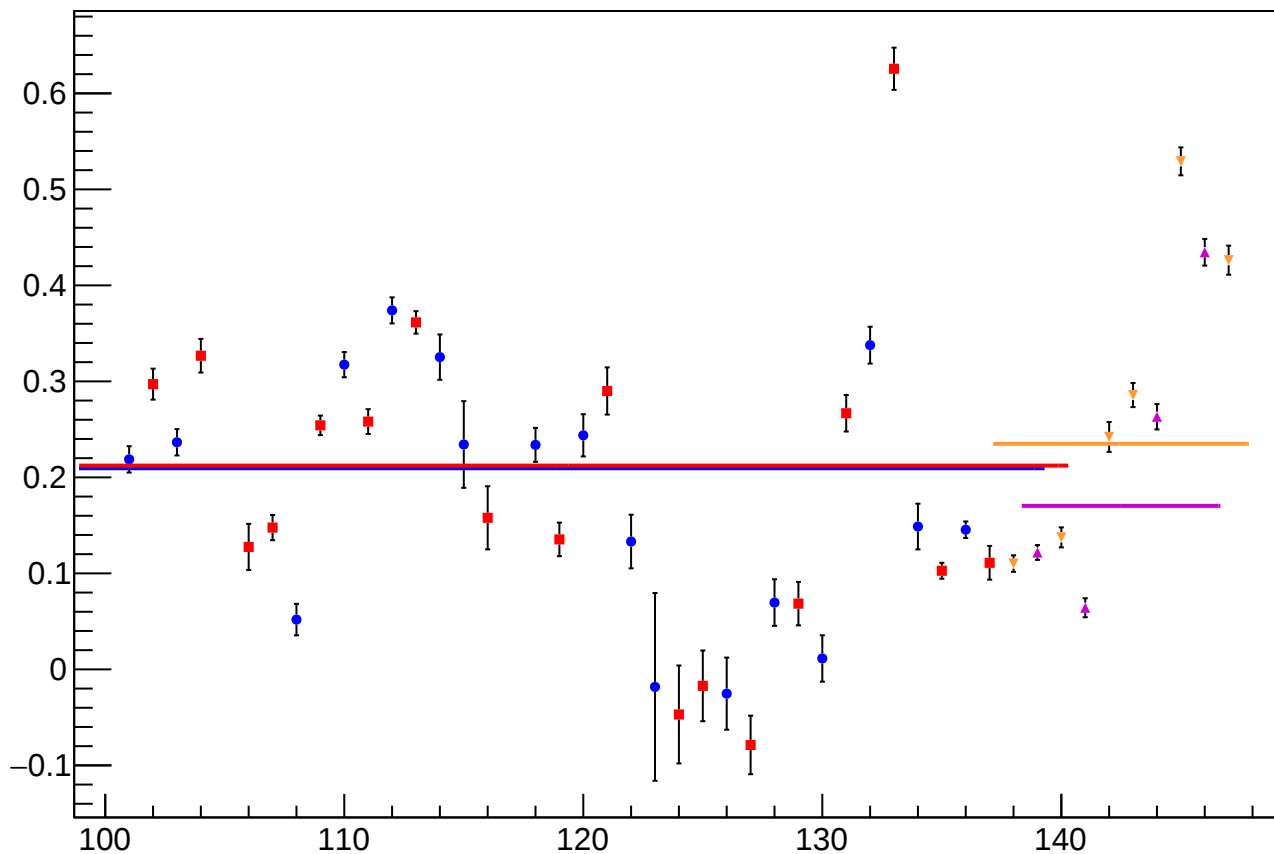
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.633 ± 0.062 χ^2/NDF : 1892.3/20

Out: -1.363 ± 0.056 χ^2/NDF : 1832.5/23

All: -1.486 ± 0.042 χ^2/NDF : 3735.2/44

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.235 ± 0.005 $\chi^2/\text{NDF}: 881.8/5$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.170 ± 0.005 $\chi^2/\text{NDF}: 566.7/3$

Left: 0.204 ± 0.004 $\chi^2/\text{NDF}: 1532.0/9$

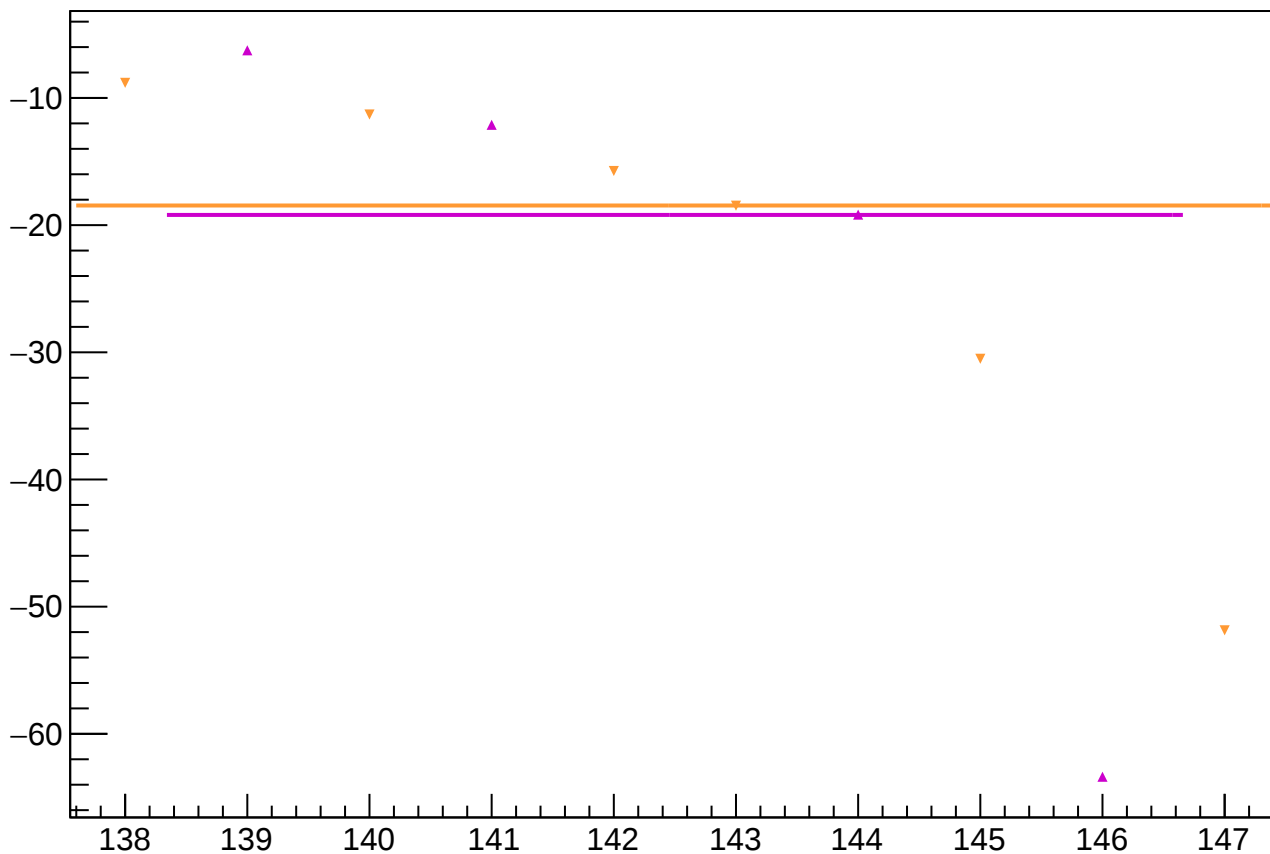
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.194 ± 0.003 $\chi^2/\text{NDF}: 1199.3/20$

Out: 0.221 ± 0.003 $\chi^2/\text{NDF}: 1992.3/23$

All: 0.208 ± 0.002 $\chi^2/\text{NDF}: 3229.0/44$

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: -19.197+/-0.126 χ^2/NDF :23921.8/3

Left: -18.795+/-0.085 χ^2/NDF : 37210.3/9

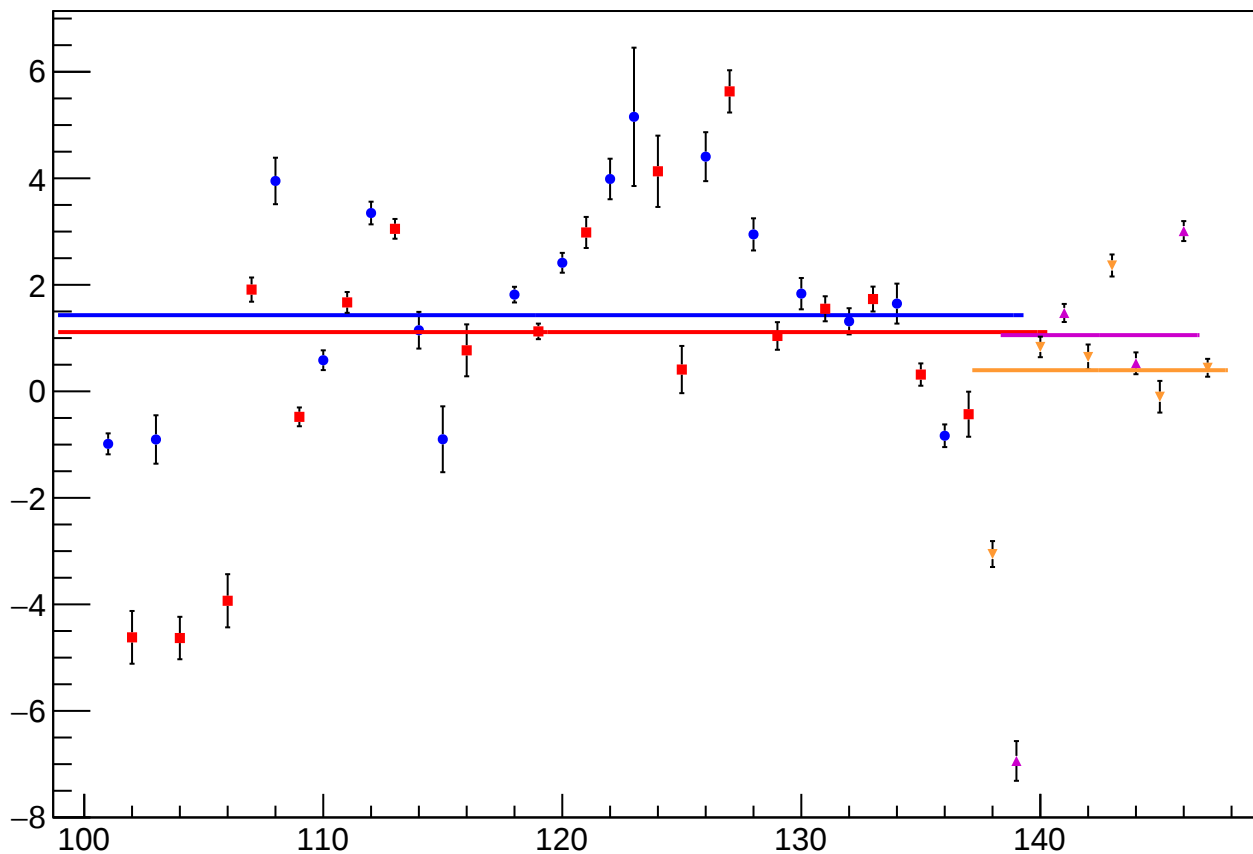
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.197+/-0.126 χ^2/NDF :23921.8/3

Out: -18.456+/-0.115 χ^2/NDF :13269.7/5

All: -18.795+/-0.085 χ^2/NDF : 37210.3/9

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: 1.056 ± 0.103 $\chi^2/\text{NDF}: 581.0/3$

Left: 0.671 ± 0.066 $\chi^2/\text{NDF}: 905.3/9$

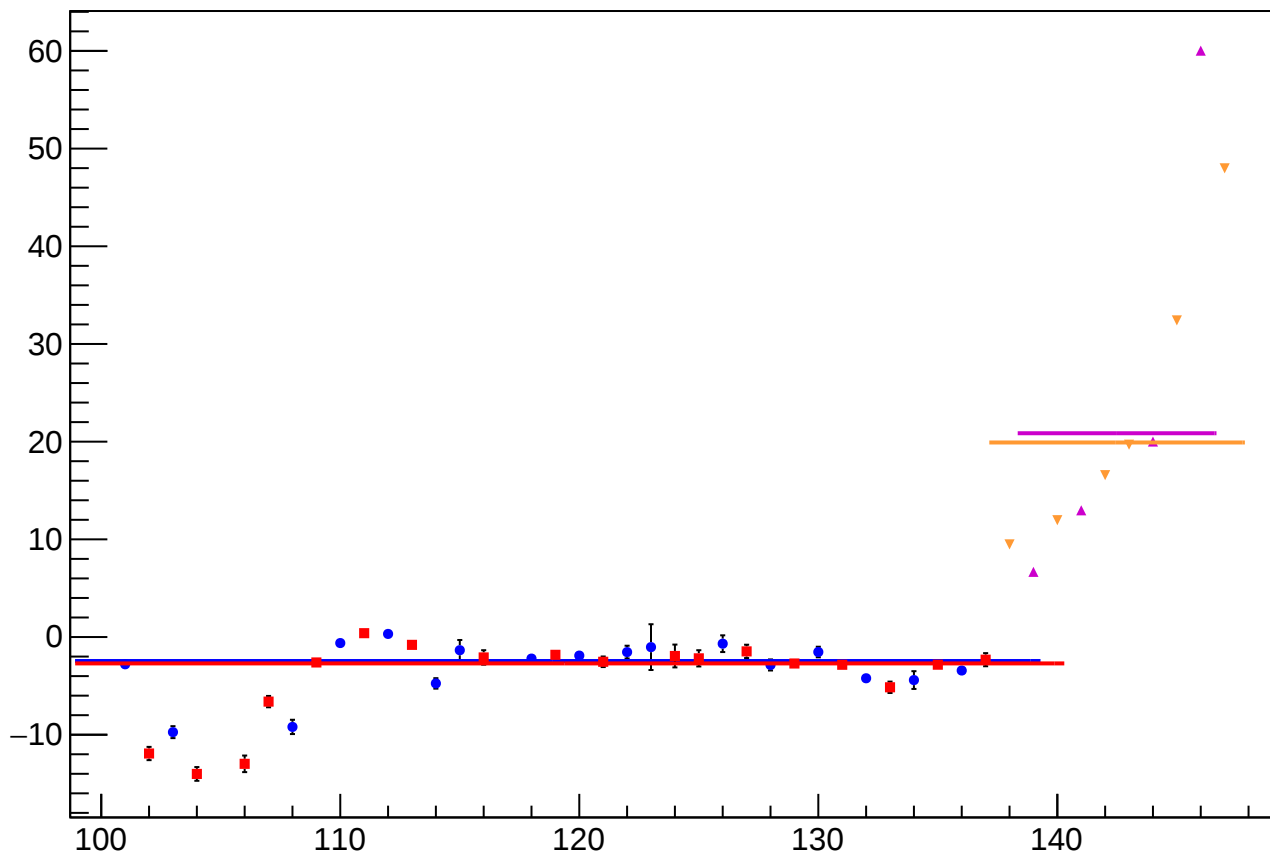
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.329 ± 0.054 $\chi^2/\text{NDF}: 1188.7/20$

Out: 0.882 ± 0.049 $\chi^2/\text{NDF}: 1233.9/23$

All: 1.087 ± 0.036 $\chi^2/\text{NDF}: 2460.2/44$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 19.916 ± 0.122 $\chi^2/\text{NDF}: 11587.5/5$

Right Out: -2.700 ± 0.104 $\chi^2/\text{NDF}: 829.7/17$

Left In: 20.862 ± 0.132 $\chi^2/\text{NDF}: 21455.7/3$

Left: 20.349 ± 0.089 $\chi^2/\text{NDF}: 33071.0/9$

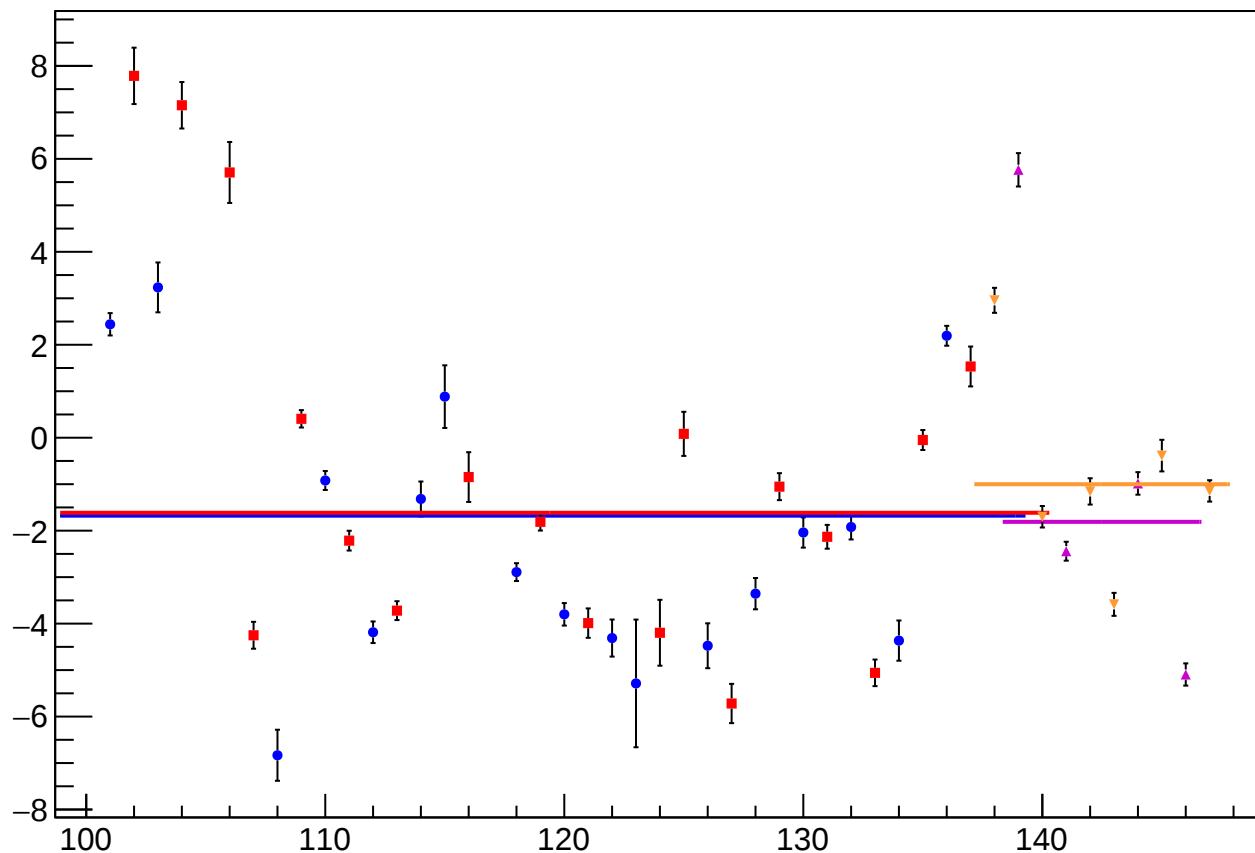
Right: -2.590 ± 0.077 $\chi^2/\text{NDF}: 1251.4/34$

In: 7.548 ± 0.087 $\chi^2/\text{NDF}: 39649.5/20$

Out: 6.814 ± 0.079 $\chi^2/\text{NDF}: 32478.5/23$

All: 7.147 ± 0.058 $\chi^2/\text{NDF}: 72167.3/44$

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: -1.810 ± 0.123 $\chi^2/\text{NDF}: 654.4/3$

Left: -1.347 ± 0.080 $\chi^2/\text{NDF}: 1018.2/9$

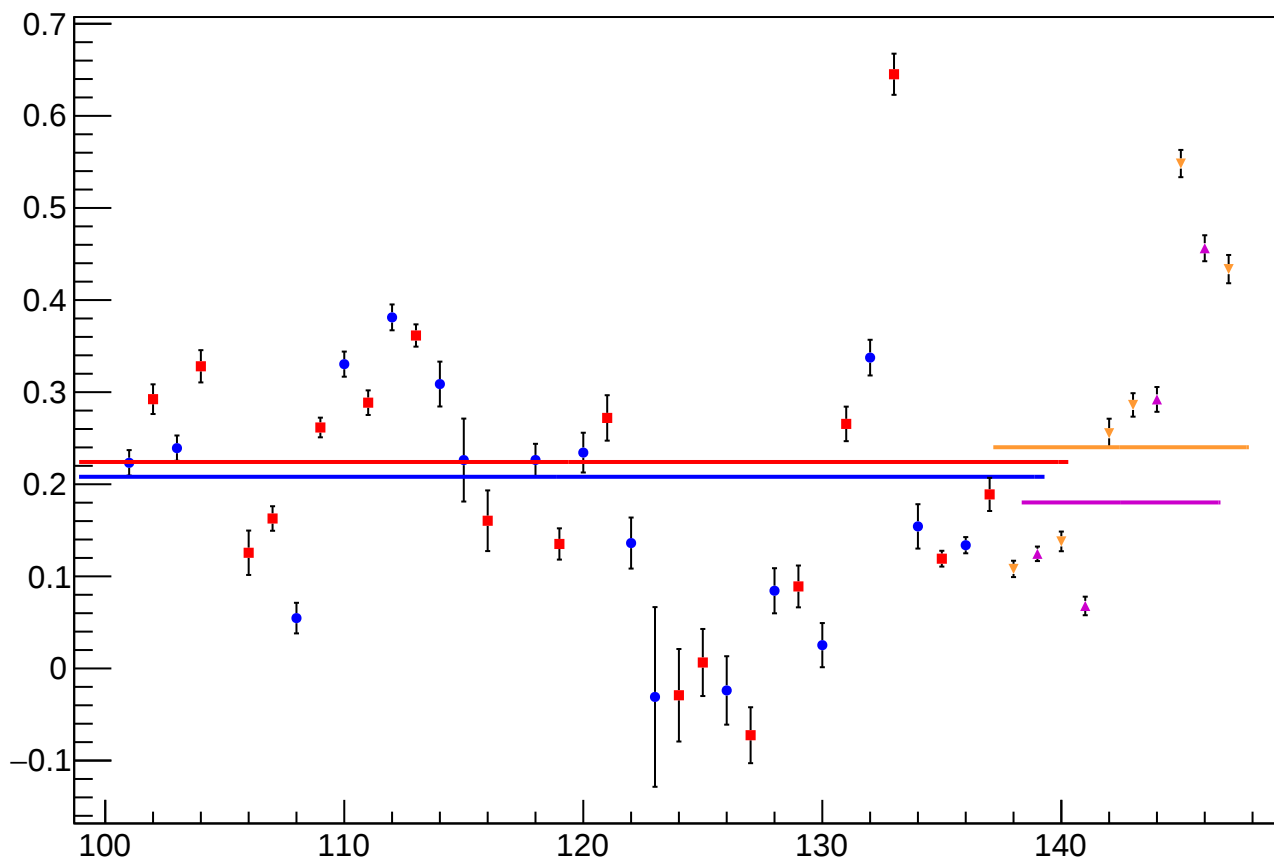
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -1.711 ± 0.062 $\chi^2/\text{NDF}: 1860.0/20$

Out: -1.436 ± 0.057 $\chi^2/\text{NDF}: 1790.0/23$

All: -1.562 ± 0.042 $\chi^2/\text{NDF}: 3660.5/44$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.240 ± 0.005 $\chi^2/\text{NDF}: 919.4/5$

Right Out: 0.224 ± 0.004 $\chi^2/\text{NDF}: 995.8/17$

Left In: 0.180 ± 0.005 $\chi^2/\text{NDF}: 626.8/3$

Left: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1615.2/9$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1603.8/34$

In: 0.197 ± 0.003 $\chi^2/\text{NDF}: 1244.0/20$

Out: 0.230 ± 0.003 $\chi^2/\text{NDF}: 1921.6/23$

All: 0.215 ± 0.002 $\chi^2/\text{NDF}: 3220.3/44$