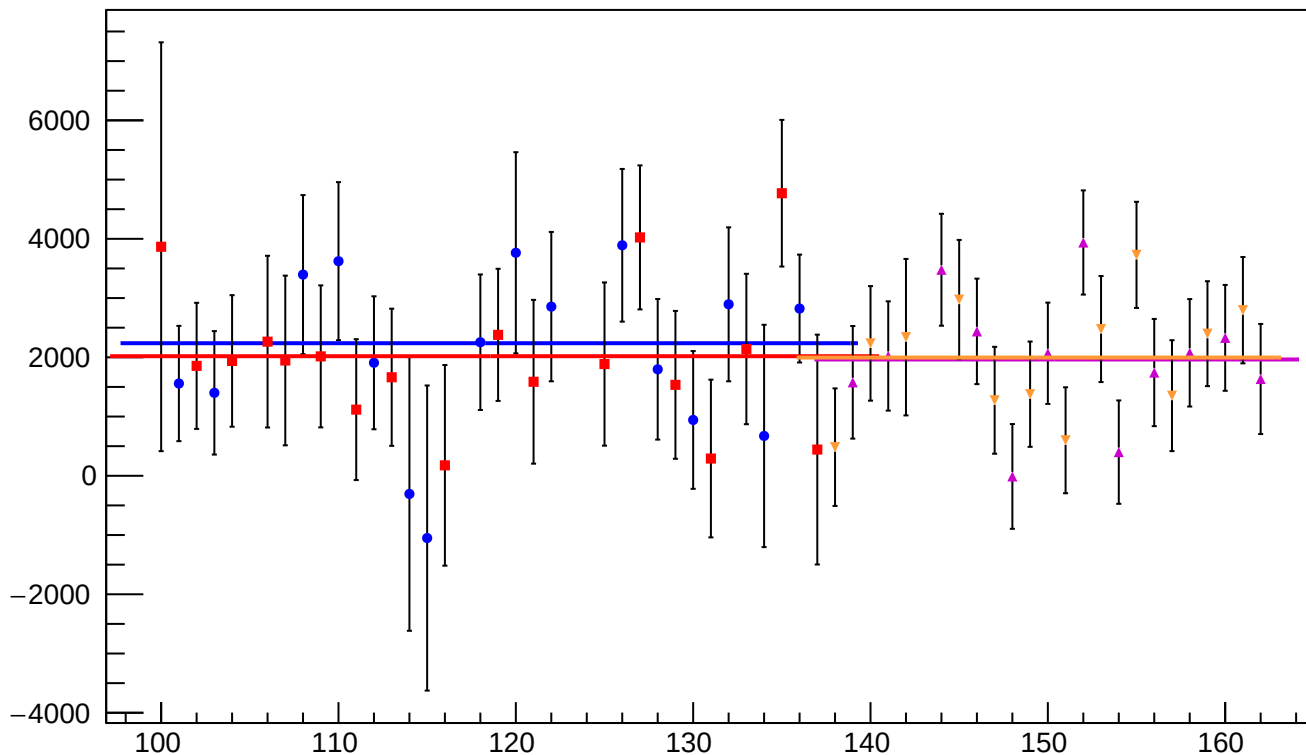


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

Left Out: 1995.705+/-271.749

Right Out: 2018.625+/-308.362

Left In: 1963.350+/-260.269

χ^2/NDF : 11.3/15

χ^2/NDF :12.5/11

χ^2/NDF : 12.6/17

χ^2/NDF :16.6/11

Left: 1978.830+/-187.965

Right: 2126.067+/-220.232

In: 2074.901+/-200.549

Out: 2005.724+/-203.877

All: 2040.882+/-142.972

χ^2/NDF : 29.1/23

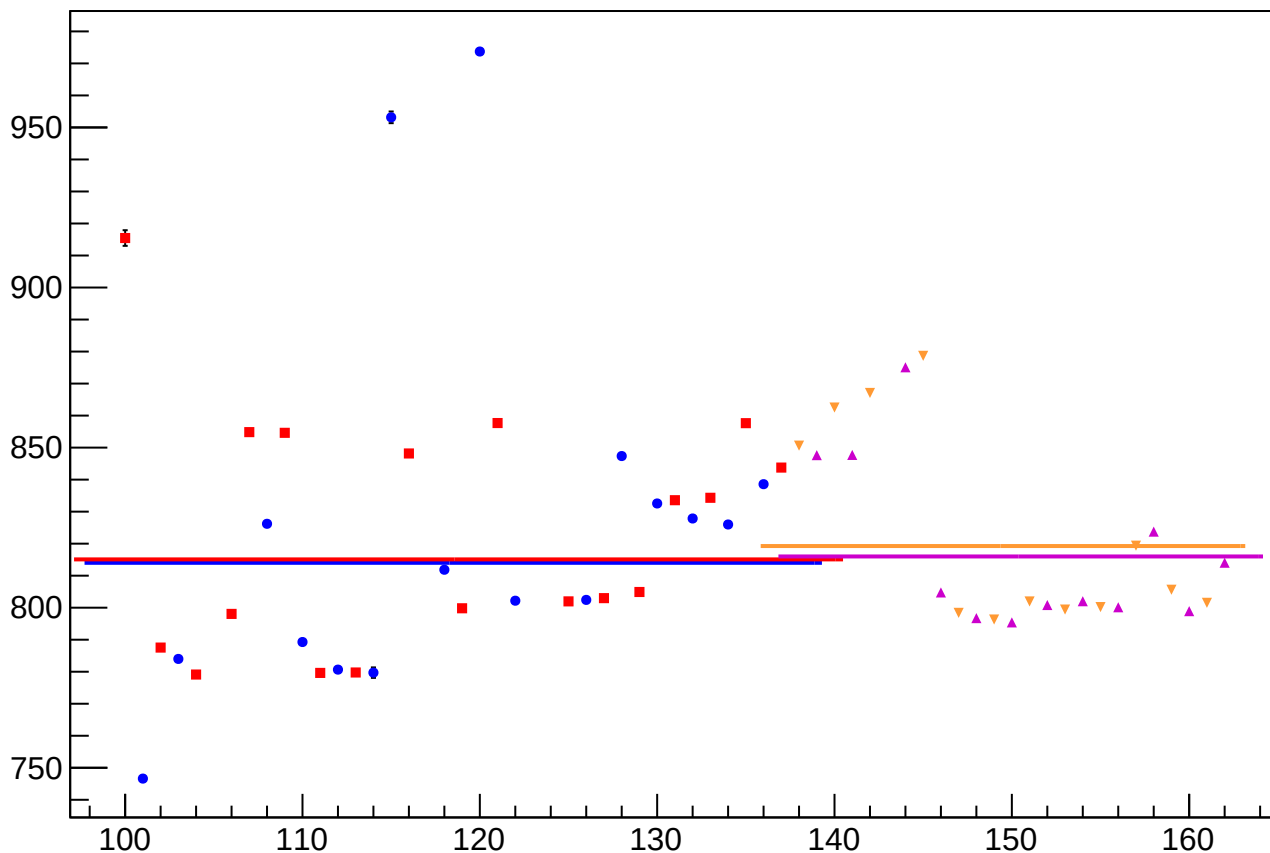
χ^2/NDF : 24.1/33

χ^2/NDF :28.4/27

χ^2/NDF :25.0/29

χ^2/NDF : 53.5/57

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 819.254 $\pm$ 0.192 χ^2 /NDF:21878.9/11

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

Left In: 816.003 $\pm$ 0.184 χ^2 /NDF:17442.6/11

Left: 817.558 $\pm$ 0.133 χ^2 /NDF: 39470.9/23

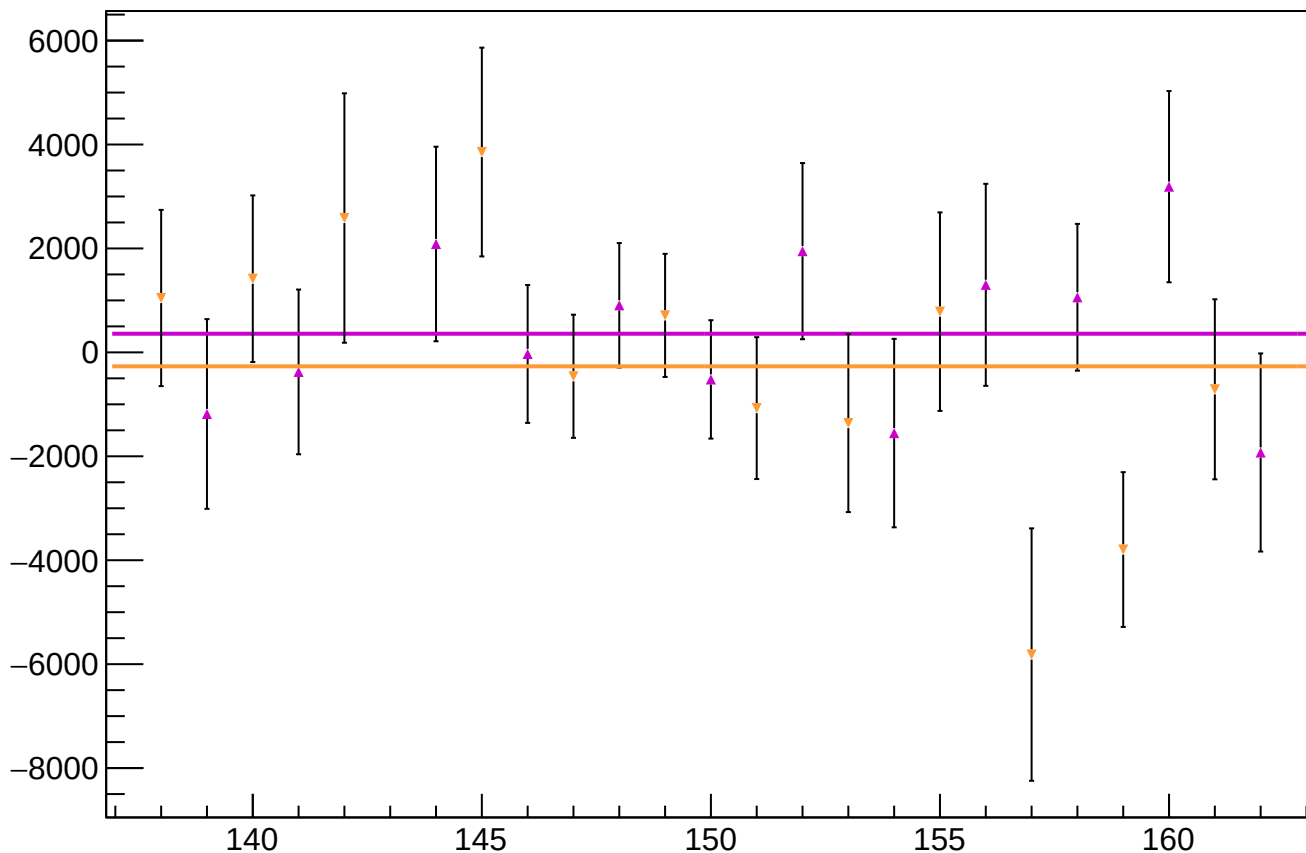
Right: 814.563 $\pm$ 0.156 χ^2 /NDF: 62012.6/33

In: 815.198 $\pm$ 0.142 χ^2 /NDF:59531.4/27

Out: 817.431 $\pm$ 0.144 χ^2 /NDF:42044.0/29

All: 816.296 $\pm$ 0.101 χ^2 /NDF: 101697.4/57

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -268.589+/-461.879 χ^2/NDF :20.0/11

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

Left In: 358.749+/-446.840 χ^2/NDF :8.9/11

Left: 55.459+/-321.149 χ^2/NDF : 29.9/23

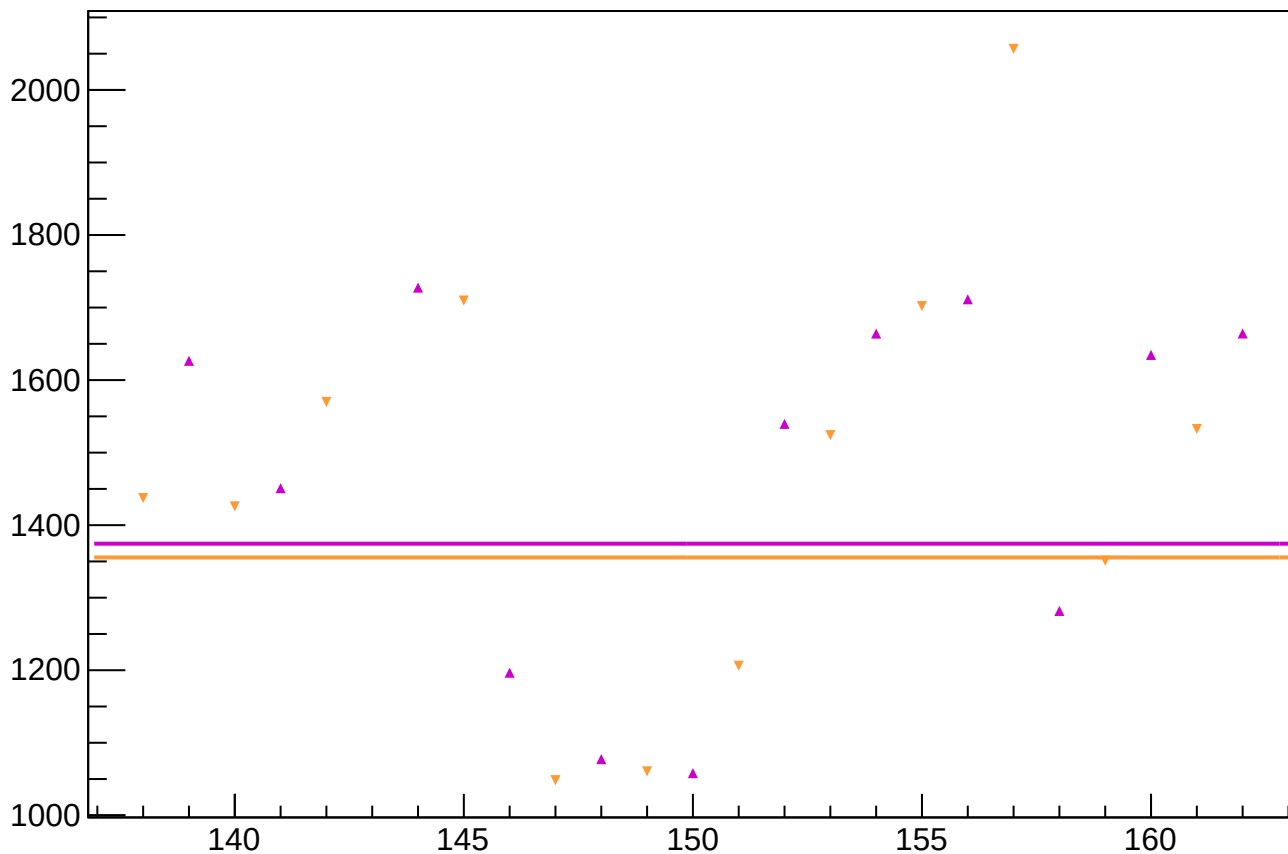
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.749+/-446.840 χ^2/NDF :8.9/11

Out: -268.589+/-461.879 χ^2/NDF :20.0/11

All: 55.459+/-321.149 χ^2/NDF : 29.9/23

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1355.532+/-0.327 χ^2/NDF :641494.0/11

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

Left In: 1374.467+/-0.316 χ^2/NDF :652118.6/11

Left: 1365.313+/-0.227 χ^2/NDF : 1295349.0/23

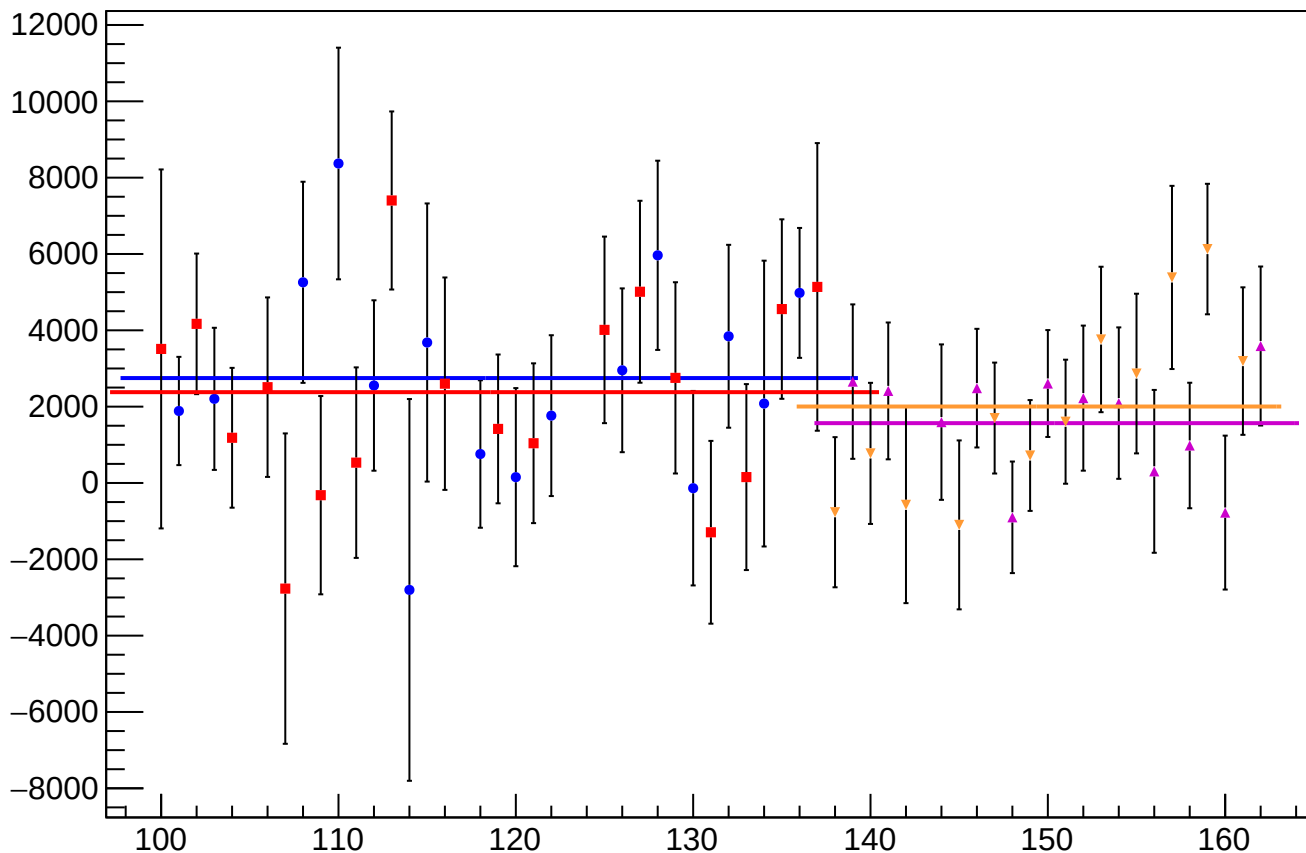
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1374.467+/-0.316 χ^2/NDF :652118.6/11

Out: 1355.532+/-0.327 χ^2/NDF :641494.0/11

All: 1365.313+/-0.227 χ^2/NDF : 1295349.0/23

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 2003.184 $\pm$ 533.006 χ^2 /NDF:15.5/11

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

Left In: 1567.400 $\pm$ 513.996 χ^2 /NDF:7.2/11

Left: 1777.382 $\pm$ 369.988 χ^2 /NDF: 23.0/23

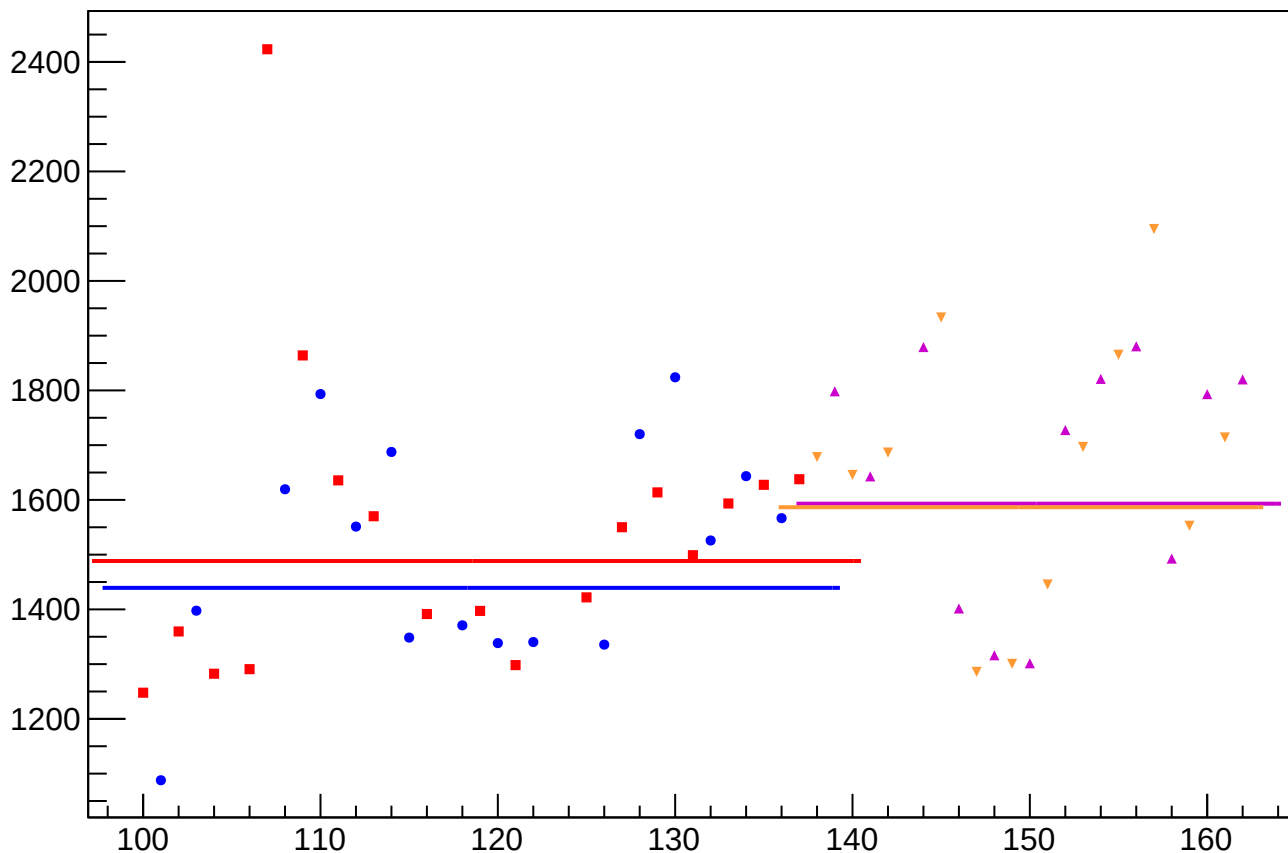
Right: 2566.079 $\pm$ 400.174 χ^2 /NDF: 30.0/33

In: 2104.504 $\pm$ 379.577 χ^2 /NDF:23.2/27

Out: 2179.052 $\pm$ 388.984 χ^2 /NDF:31.9/29

All: 2140.866 $\pm$ 271.666 χ^2 /NDF: 55.1/57

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1586.606 $\pm$ 0.377 χ^2 /NDF: 378103.1/11

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

Left In: 1593.073 $\pm$ 0.363 χ^2 /NDF: 374035.8/11

Left: 1589.957 $\pm$ 0.262 χ^2 /NDF: 752291.4/23

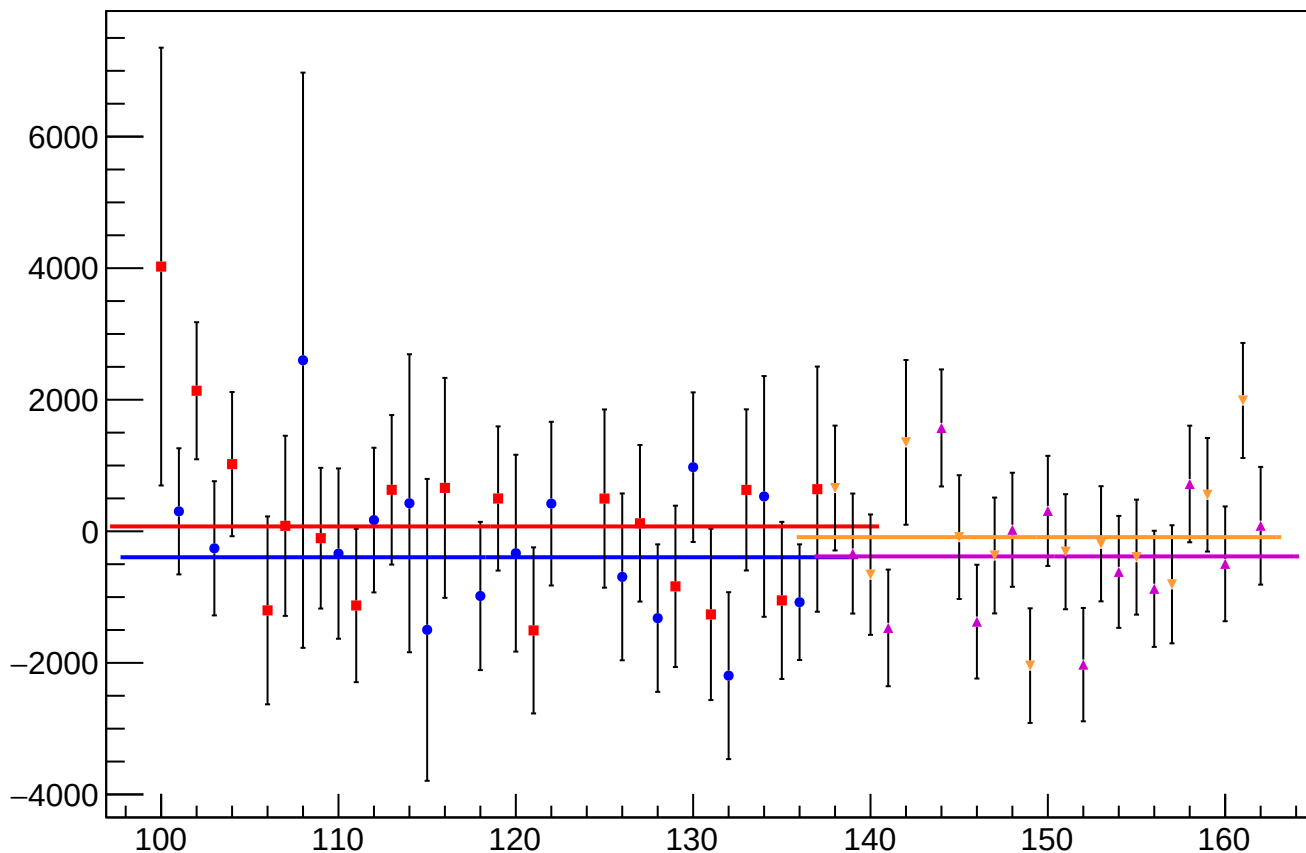
Right: 1463.597 $\pm$ 0.283 χ^2 /NDF: 541697.1/33

In: 1523.176 $\pm$ 0.268 χ^2 /NDF: 733247.1/27

Out: 1540.697 $\pm$ 0.275 χ^2 /NDF: 666172.8/29

All: 1531.722 $\pm$ 0.192 χ^2 /NDF: 1401498.4/57

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 $\pm$ 313.174 χ^2 /NDF: 7.4/15

Left Out: -88.443 $\pm$ 262.693 χ^2 /NDF:14.5/11

Right Out: 74.289 $\pm$ 298.398 χ^2 /NDF: 12.9/17

Left In: -381.580 $\pm$ 252.552 χ^2 /NDF:14.4/11

Left: -240.779 $\pm$ 182.061 χ^2 /NDF: 29.5/23

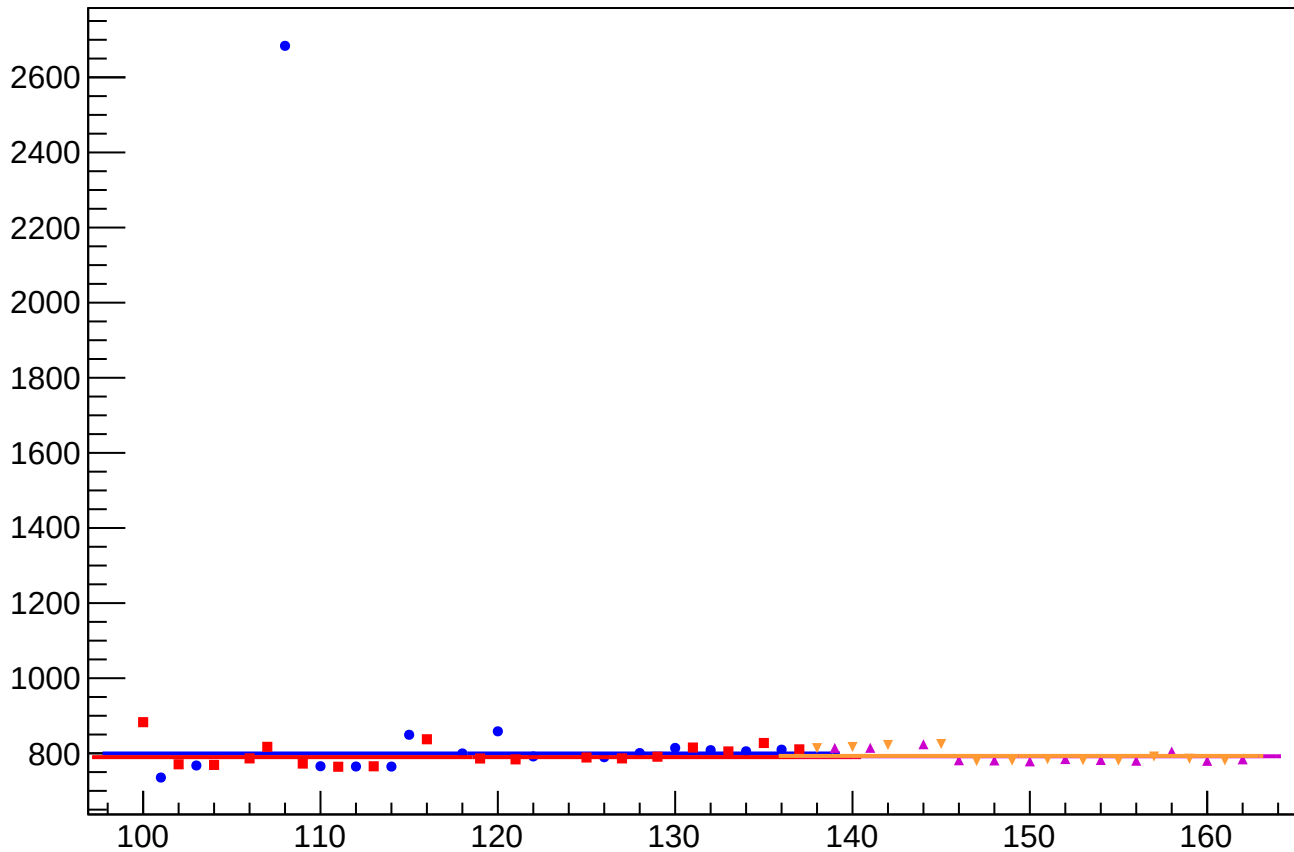
Right: -148.721 $\pm$ 216.034 χ^2 /NDF: 21.5/33

In: -386.618 $\pm$ 196.592 χ^2 /NDF:21.8/27

Out: -17.391 $\pm$ 197.173 χ^2 /NDF:27.6/29

All: -202.549 $\pm$ 139.217 χ^2 /NDF: 51.2/57

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537 $\pm$ 0.221 χ^2 /NDF: 391185.9/15

Left Out: 793.125 $\pm$ 0.186 χ^2 /NDF: 8031.1/11

Right Out: 789.794 $\pm$ 0.211 χ^2 /NDF: 11174.9/17

Left In: 792.103 $\pm$ 0.179 χ^2 /NDF: 7966.8/11

Left: 792.594 $\pm$ 0.129 χ^2 /NDF: 16013.7/23

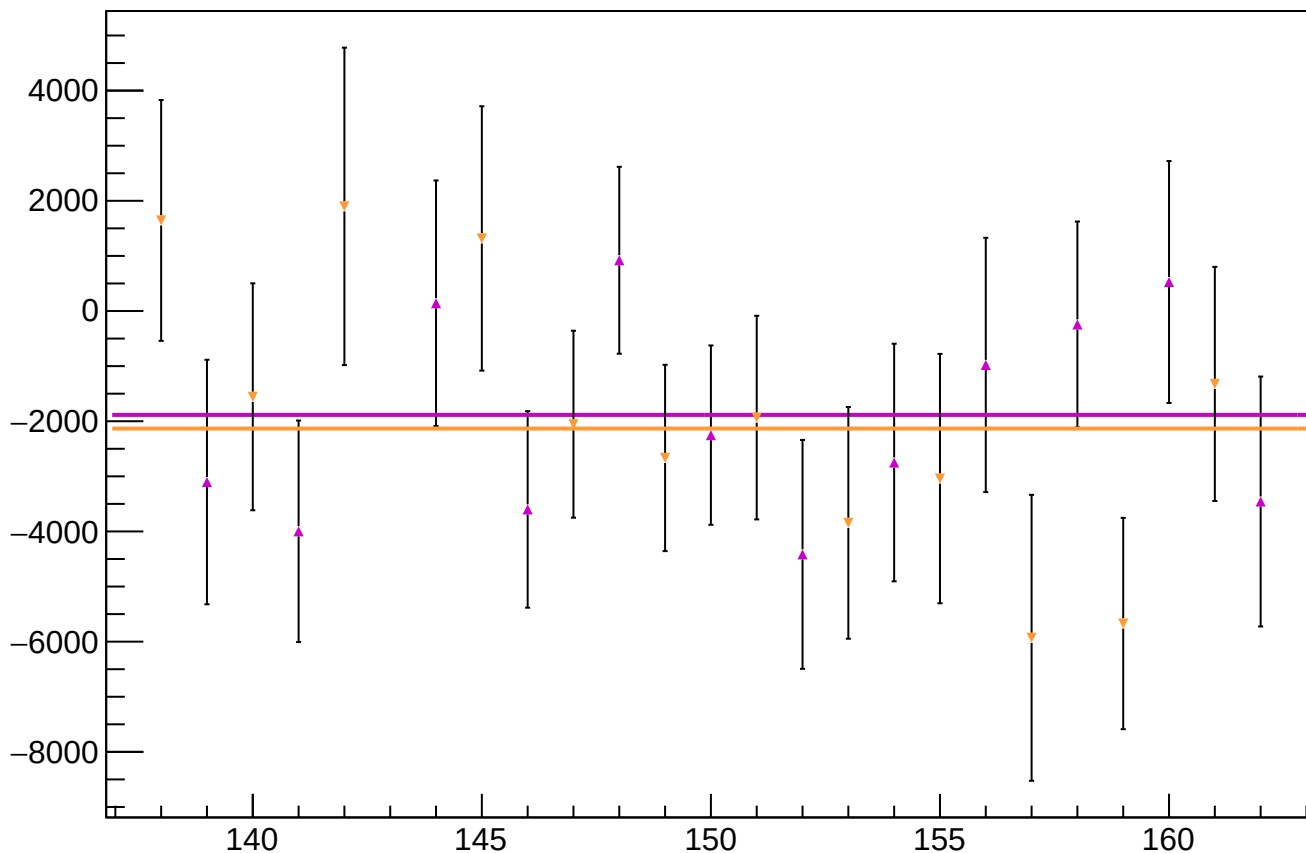
Right: 794.430 $\pm$ 0.153 χ^2 /NDF: 403375.5/33

In: 795.033 $\pm$ 0.139 χ^2 /NDF: 399835.5/27

Out: 791.671 $\pm$ 0.139 χ^2 /NDF: 19346.5/29

All: 793.357 $\pm$ 0.098 χ^2 /NDF: 419473.6/57

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2132.979+/-598.289 χ^2/NDF :13.7/11

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

Left In: -1885.359+/-575.883 χ^2/NDF :10.2/11

Left: -2004.446+/-414.906 χ^2/NDF : 24.0/23

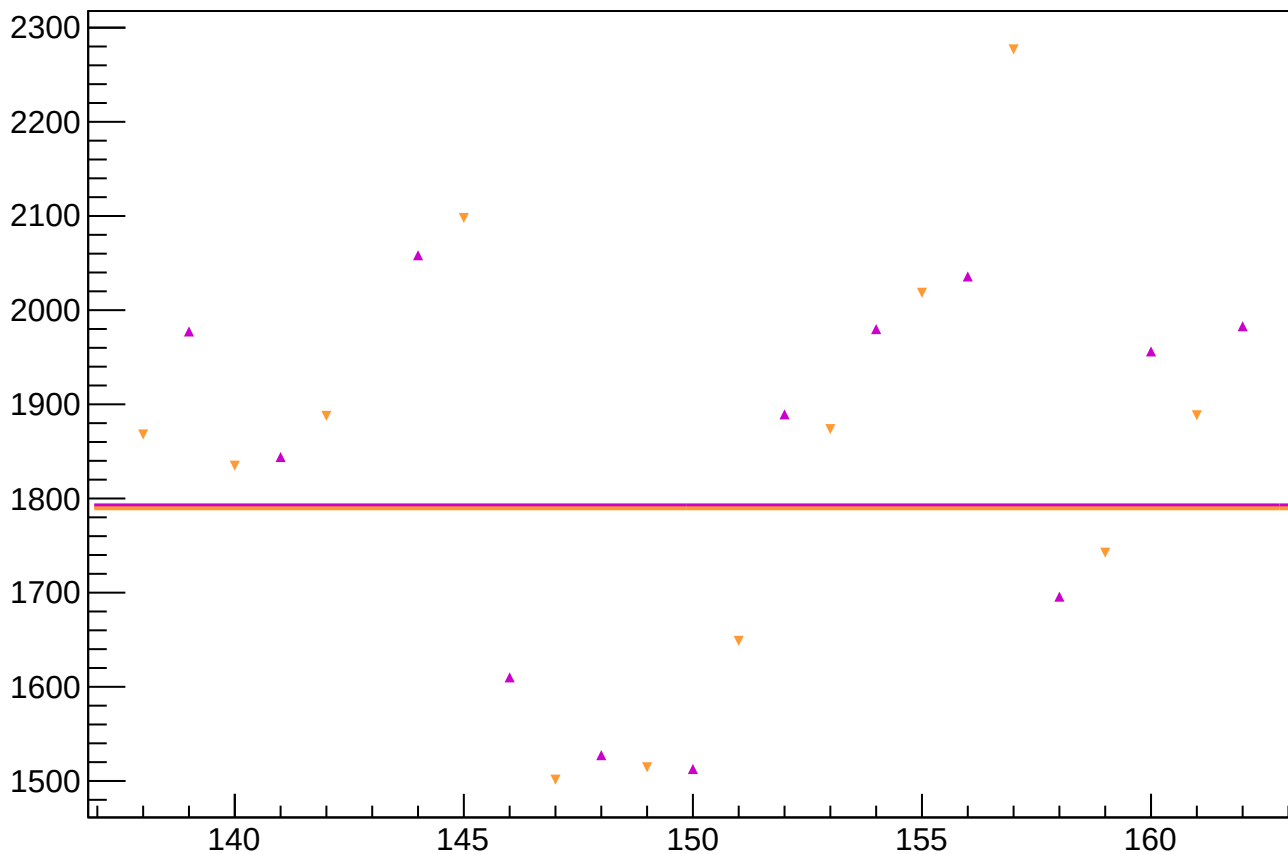
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1885.359+/-575.883 χ^2/NDF :10.2/11

Out: -2132.979+/-598.289 χ^2/NDF :13.7/11

All: -2004.446+/-414.906 χ^2/NDF : 24.0/23

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1789.588+/-0.423 χ^2/NDF :260930.0/11

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

Left In: 1792.644+/-0.407 χ^2/NDF :244866.3/11

Left: 1791.174+/-0.293 χ^2/NDF : 505823.4/23

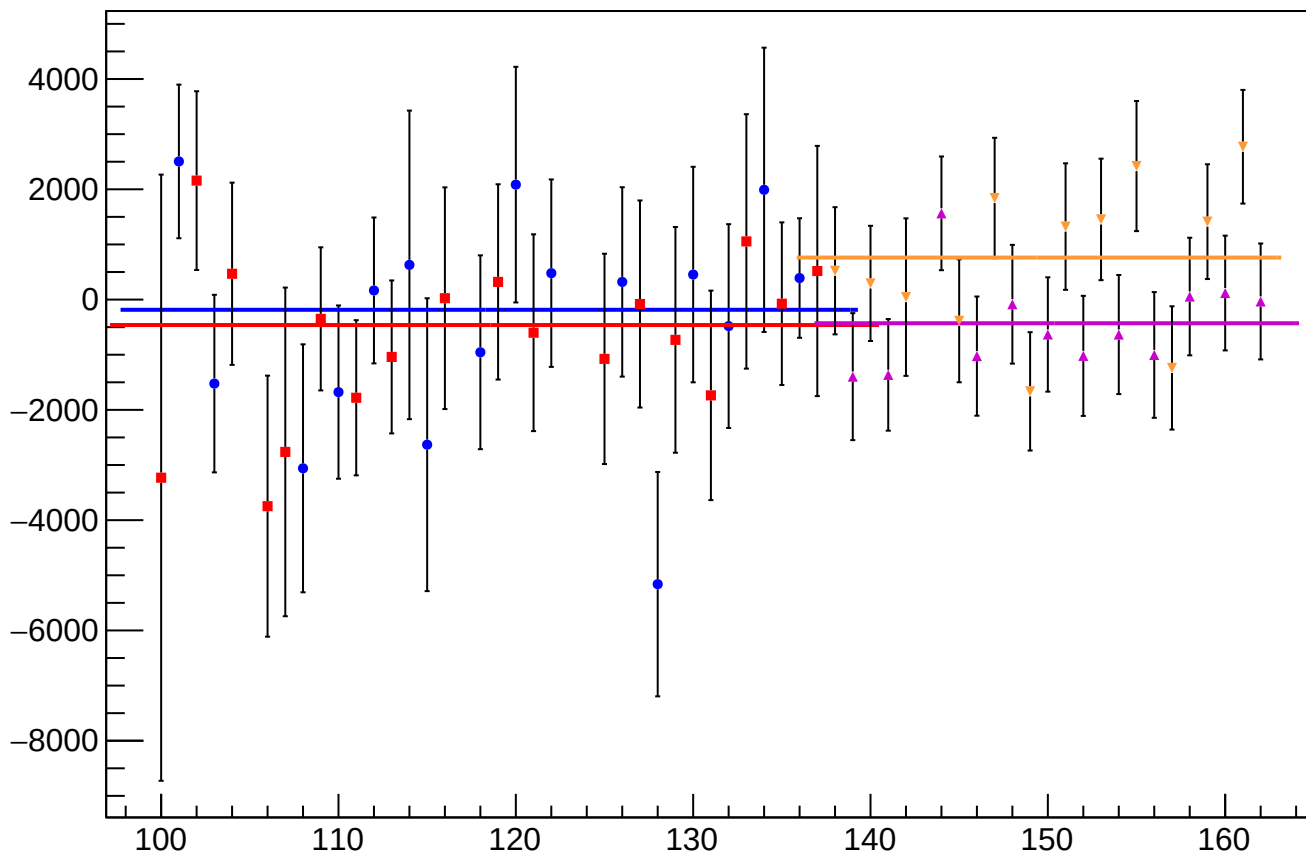
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1792.644+/-0.407 χ^2/NDF :244866.3/11

Out: 1789.588+/-0.423 χ^2/NDF :260930.0/11

All: 1791.174+/-0.293 χ^2/NDF : 505823.4/23

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 761.817 ± 322.116 $\chi^2/\text{NDF}: 17.7/11$

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

Left In: -428.958 ± 308.635 $\chi^2/\text{NDF}: 7.0/11$

Left: 140.991 ± 222.852 $\chi^2/\text{NDF}: 31.7/23$

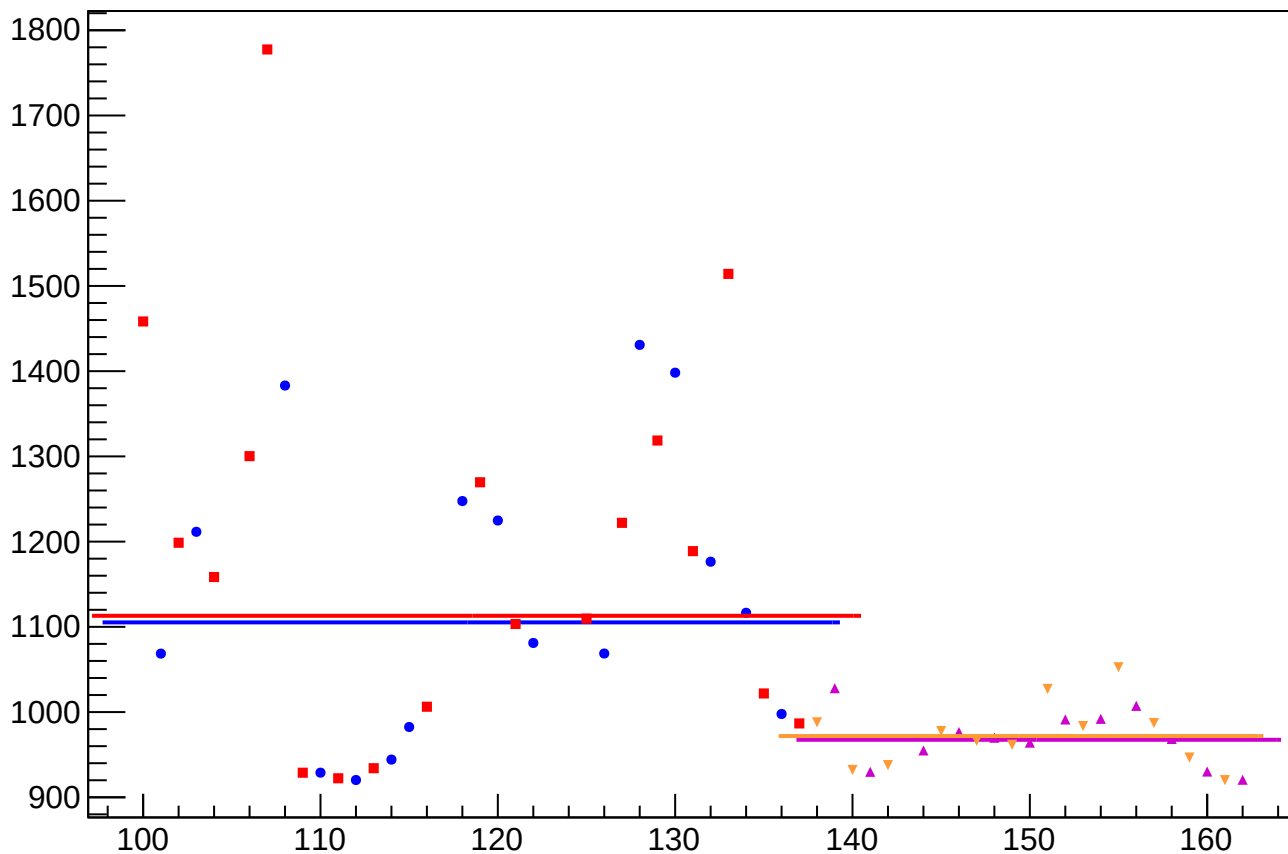
Right: -324.625 ± 303.483 $\chi^2/\text{NDF}: 25.2/33$

In: -346.408 ± 251.030 $\chi^2/\text{NDF}: 23.8/27$

Out: 318.127 ± 257.135 $\chi^2/\text{NDF}: 31.2/29$

All: -22.123 ± 179.625 $\chi^2/\text{NDF}: 58.4/57$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236 ± 0.305 $\chi^2/\text{NDF}: 255366.2/15$

Left Out: 971.872 ± 0.228 $\chi^2/\text{NDF}: 25556.0/11$

Right Out: 1112.974 ± 0.302 $\chi^2/\text{NDF}: 362995.4/17$

Left In: 967.480 ± 0.218 $\chi^2/\text{NDF}: 19723.2/11$

Left: 969.583 ± 0.158 $\chi^2/\text{NDF}: 45473.0/23$

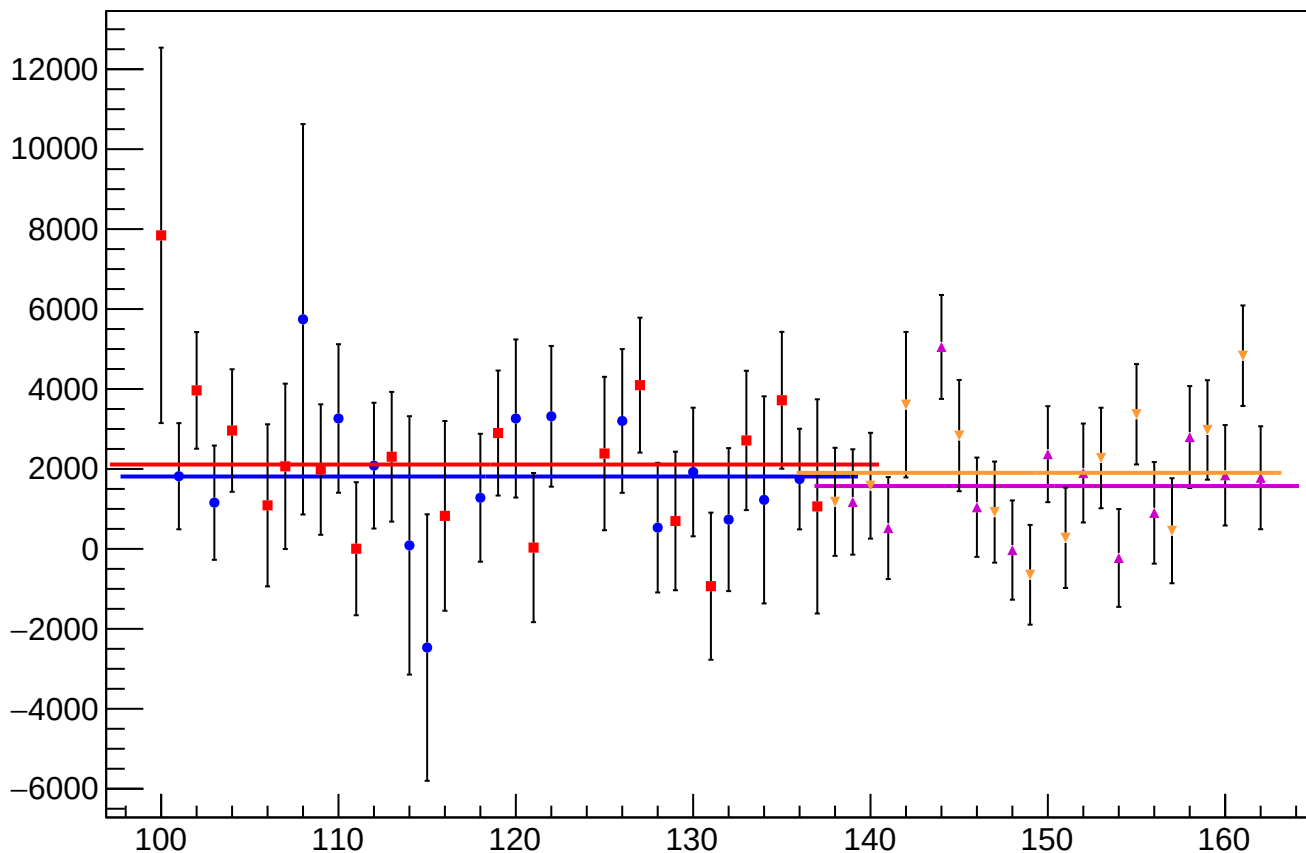
Right: 1109.146 ± 0.215 $\chi^2/\text{NDF}: 618686.6/33$

In: 1014.104 ± 0.178 $\chi^2/\text{NDF}: 409940.6/27$

Out: 1023.059 ± 0.182 $\chi^2/\text{NDF}: 527770.1/29$

All: 1018.474 ± 0.127 $\chi^2/\text{NDF}: 938952.7/57$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1903.241 $\pm$ 378.968 χ^2 /NDF:17.0/11

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

Left In: 1572.250 $\pm$ 363.634 χ^2 /NDF:13.7/11

Left: 1730.913 $\pm$ 262.382 χ^2 /NDF: 31.1/23

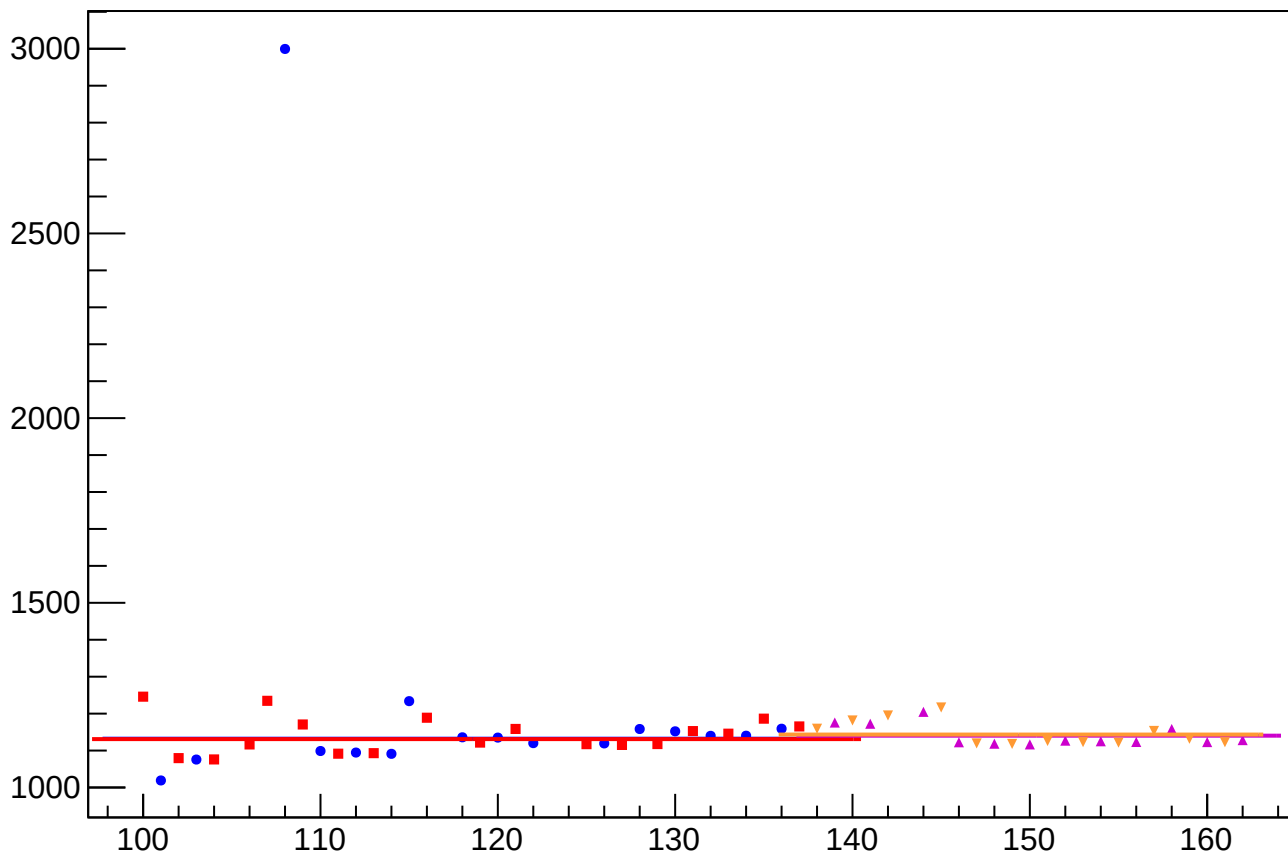
Right: 1966.016 $\pm$ 307.400 χ^2 /NDF: 19.7/33

In: 1668.604 $\pm$ 280.851 χ^2 /NDF:20.3/27

Out: 1994.622 $\pm$ 283.636 χ^2 /NDF:30.1/29

All: 1830.005 $\pm$ 199.569 χ^2 /NDF: 51.1/57

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1143.311+/-0.268 χ^2/NDF :12993.4/11

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

Left In: 1140.305+/-0.257 χ^2/NDF :11320.7/11

Left: 1141.746+/-0.186 χ^2/NDF : 24379.6/23

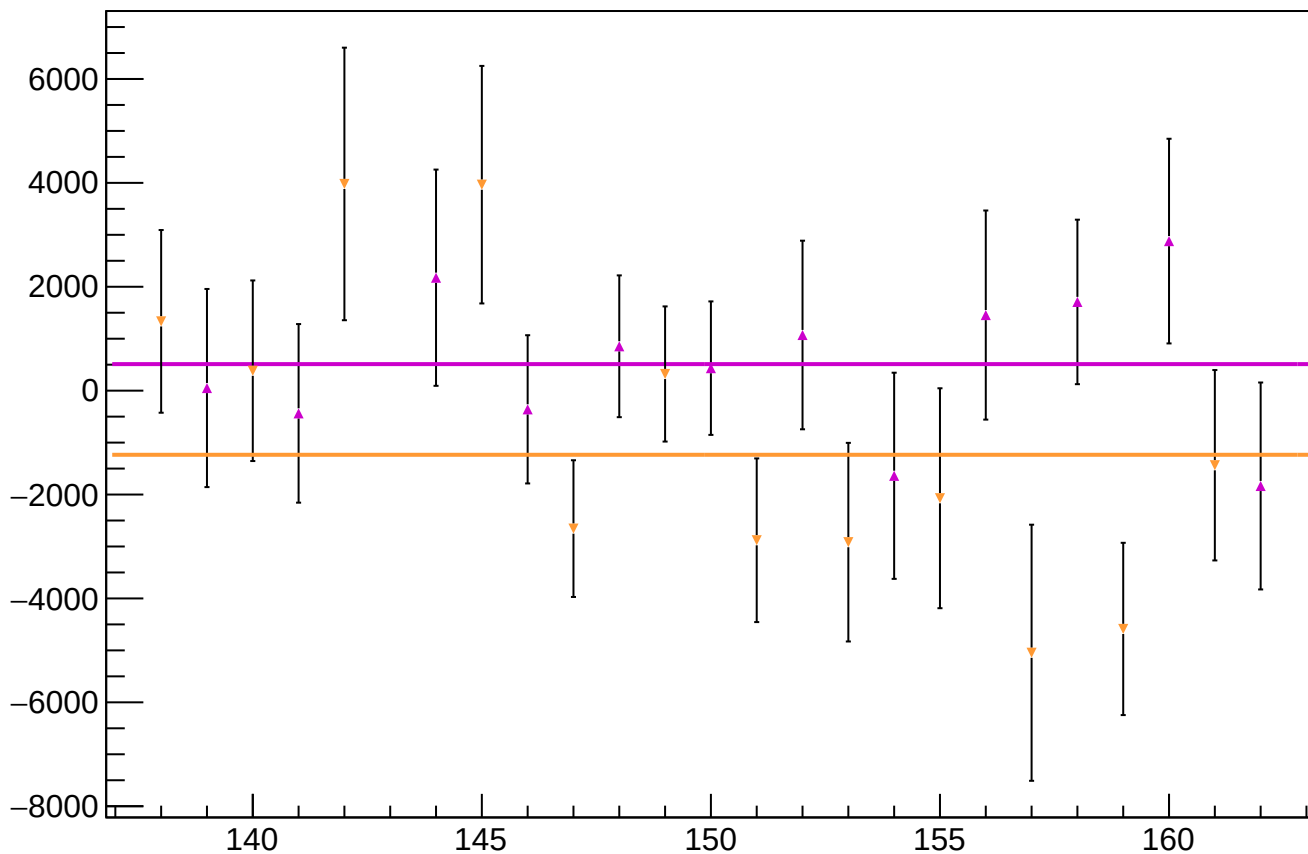
Right: 1131.528+/-0.217 χ^2/NDF : 335751.3/33

In: 1136.984+/-0.199 χ^2/NDF :327760.4/27

Out: 1137.903+/-0.201 χ^2/NDF :33638.4/29

All: 1137.439+/-0.141 χ^2/NDF : 361409.3/57

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1234.530+/-507.363 χ^2/NDF :23.2/11

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

Left In: 510.874+/-488.484 χ^2/NDF :6.3/11

Left: -328.751+/-351.895 χ^2/NDF : 35.7/23

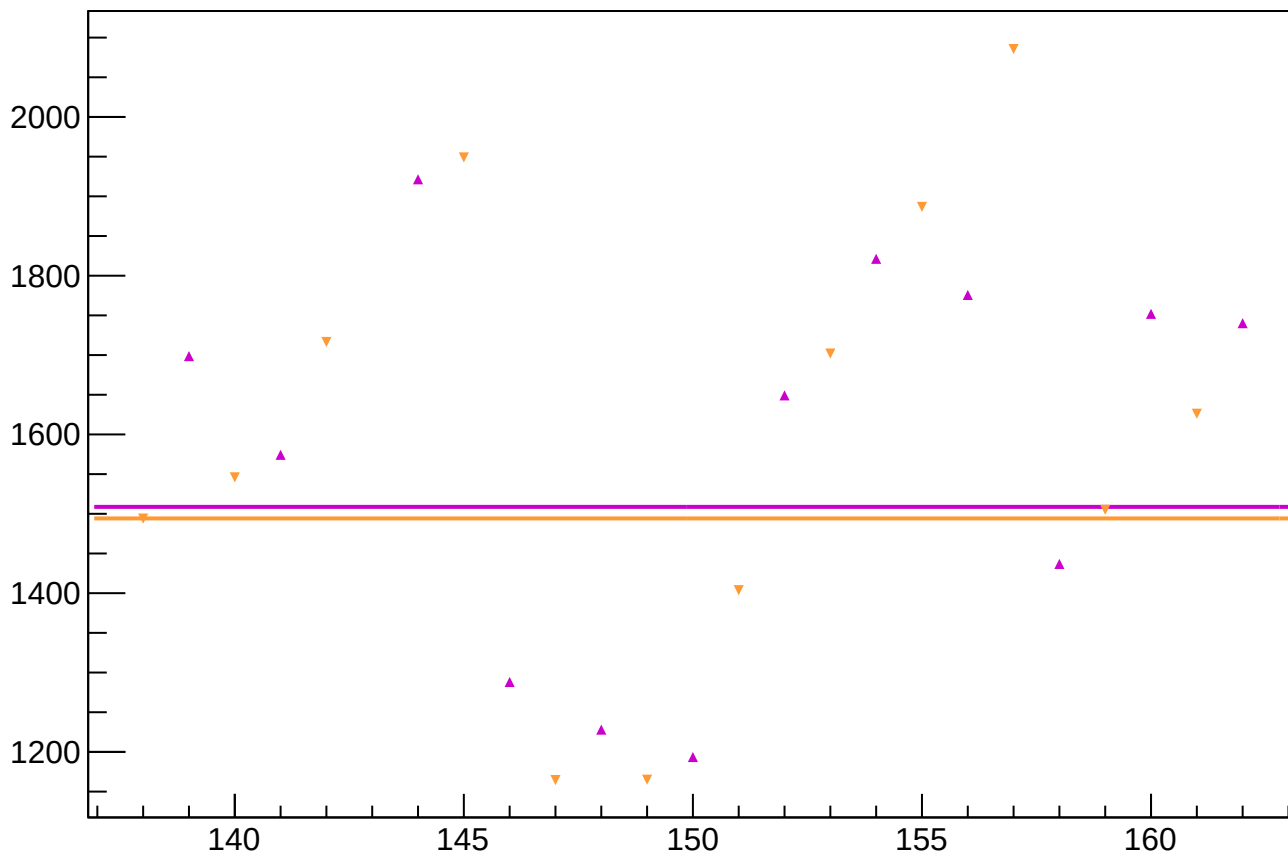
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 510.874+/-488.484 χ^2/NDF :6.3/11

Out: -1234.530+/-507.363 χ^2/NDF :23.2/11

All: -328.751+/-351.895 χ^2/NDF : 35.7/23

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1494.197+/-0.359 χ^2/NDF :573342.9/11

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

Left In: 1508.735+/-0.345 χ^2/NDF :512524.6/11

Left: 1501.741+/-0.249 χ^2/NDF : 1086719.7/23

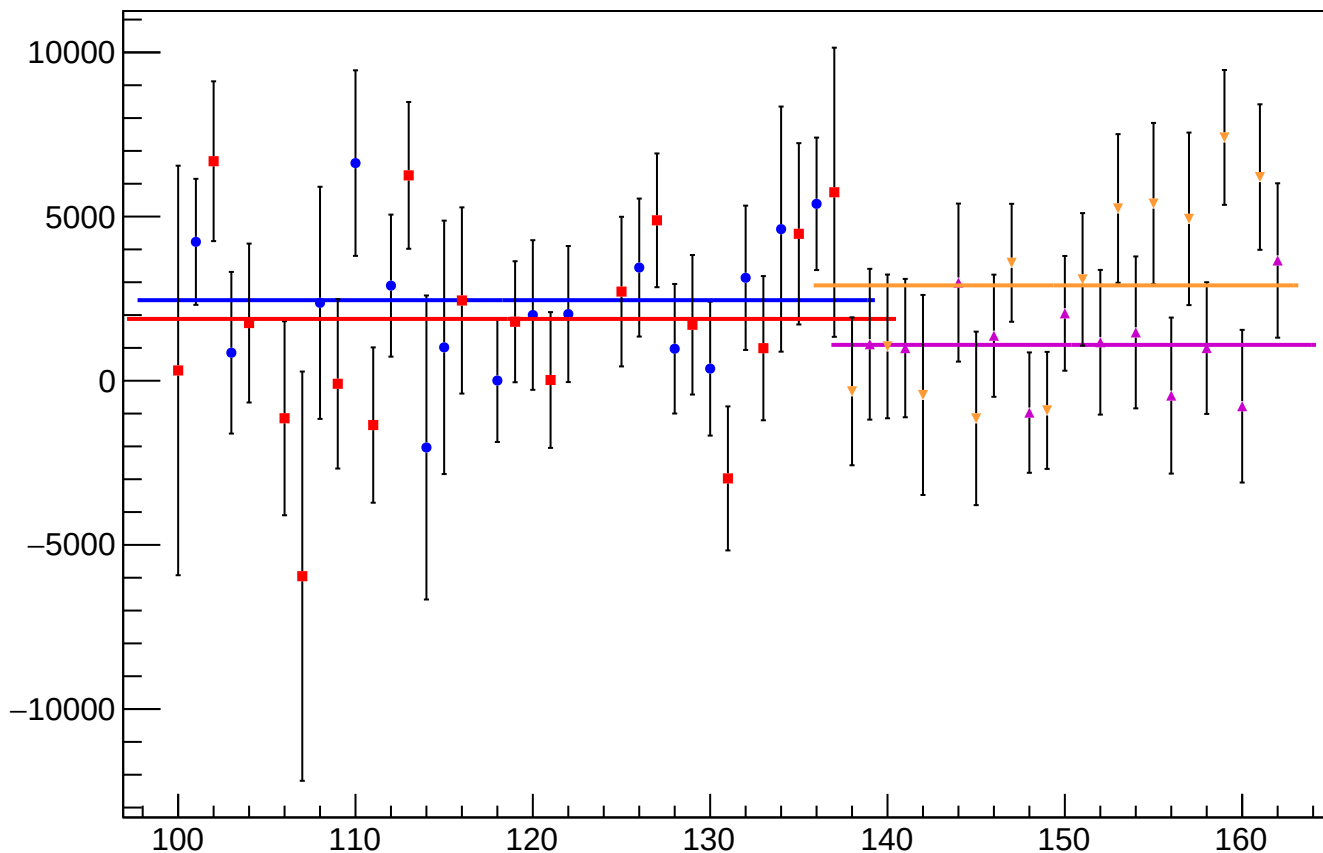
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1508.735+/-0.345 χ^2/NDF :512524.6/11

Out: 1494.197+/-0.359 χ^2/NDF :573342.9/11

All: 1501.741+/-0.249 χ^2/NDF : 1086719.7/23

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2904.229 $\pm$ 635.788 χ^2/NDF :20.8/11

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

Left In: 1092.065 $\pm$ 610.159 χ^2/NDF :4.5/11

Left: 1960.888 $\pm$ 440.229 χ^2/NDF : 29.5/23

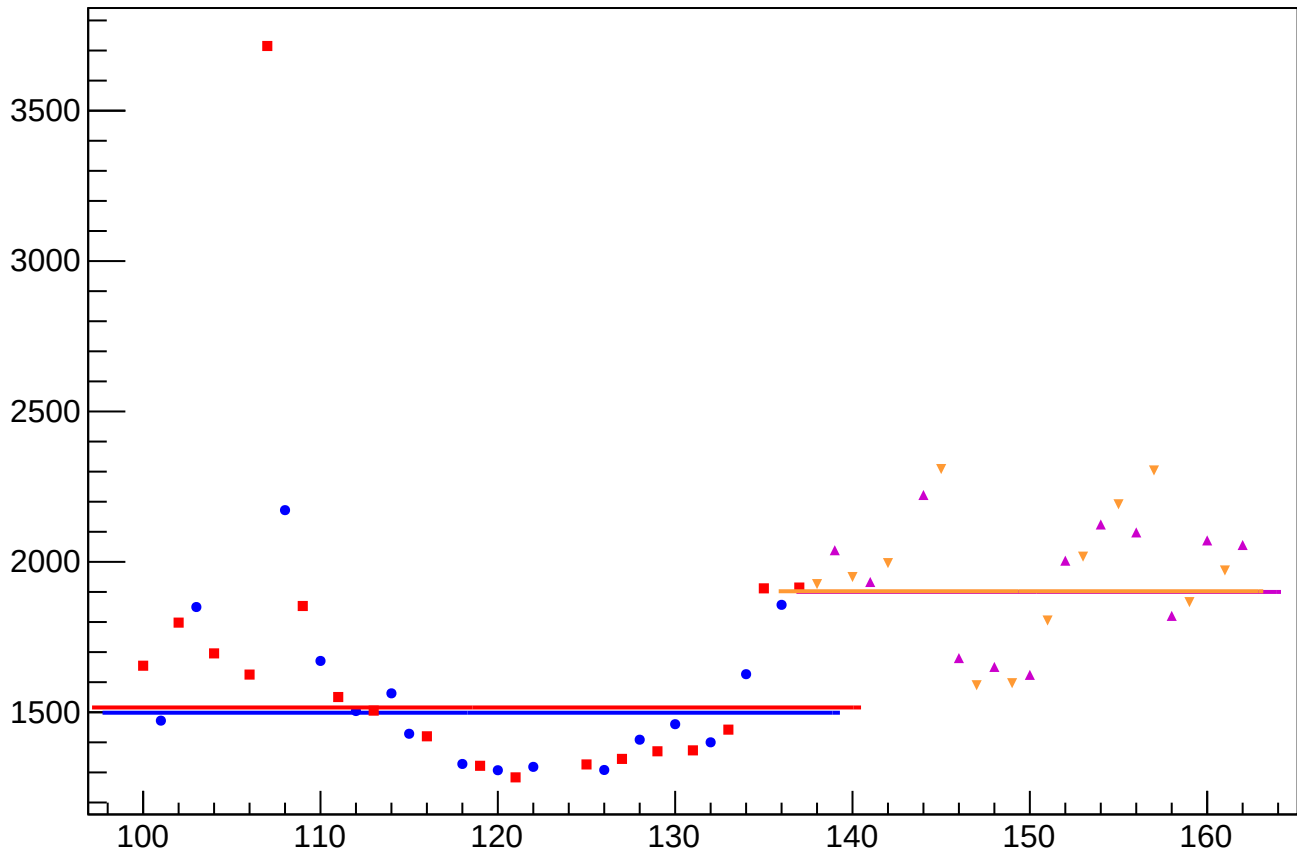
Right: 2167.665 $\pm$ 412.771 χ^2/NDF : 34.0/33

In: 1802.324 $\pm$ 422.011 χ^2/NDF :17.9/27

Out: 2349.497 $\pm$ 429.771 χ^2/NDF :44.9/29

All: 2070.926 $\pm$ 301.113 χ^2/NDF : 63.6/57

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1902.278+/-0.450 χ^2/NDF : 256525.8/11

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

Left In: 1900.024+/-0.431 χ^2/NDF : 218308.7/11

Left: 1901.105+/-0.311 χ^2/NDF : 474847.6/23

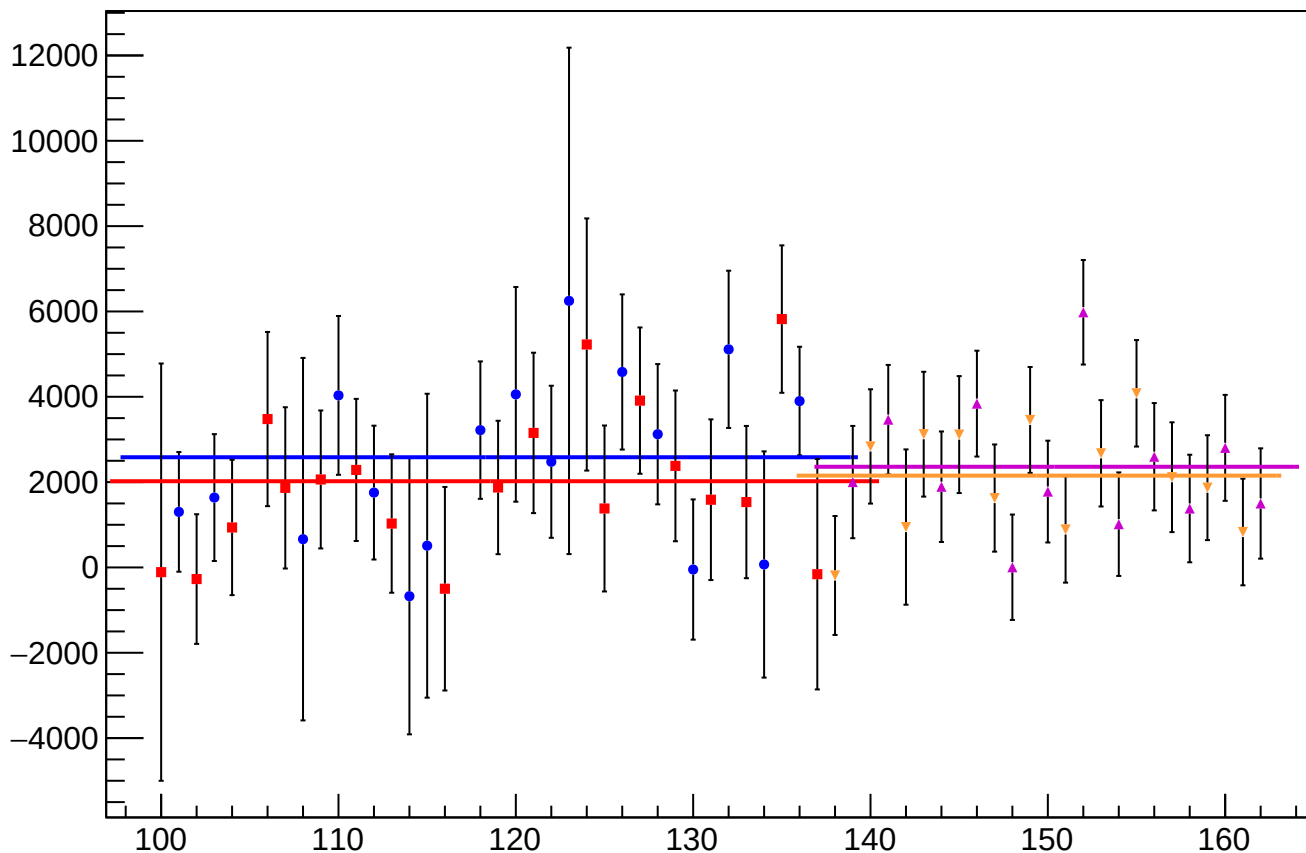
Right: 1507.233+/-0.292 χ^2/NDF : 740243.9/33

In: 1690.568+/-0.298 χ^2/NDF : 928936.4/27

Out: 1692.474+/-0.304 χ^2/NDF : 1138097.2/29

All: 1691.503+/-0.213 χ^2/NDF : 2067053.6/57

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2152.244 $\pm$ 365.344 χ^2 /NDF:10.5/12

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

Left In: 2359.576 $\pm$ 361.733 χ^2 /NDF:17.4/11

Left: 2256.939 $\pm$ 257.051 χ^2 /NDF: 28.1/24

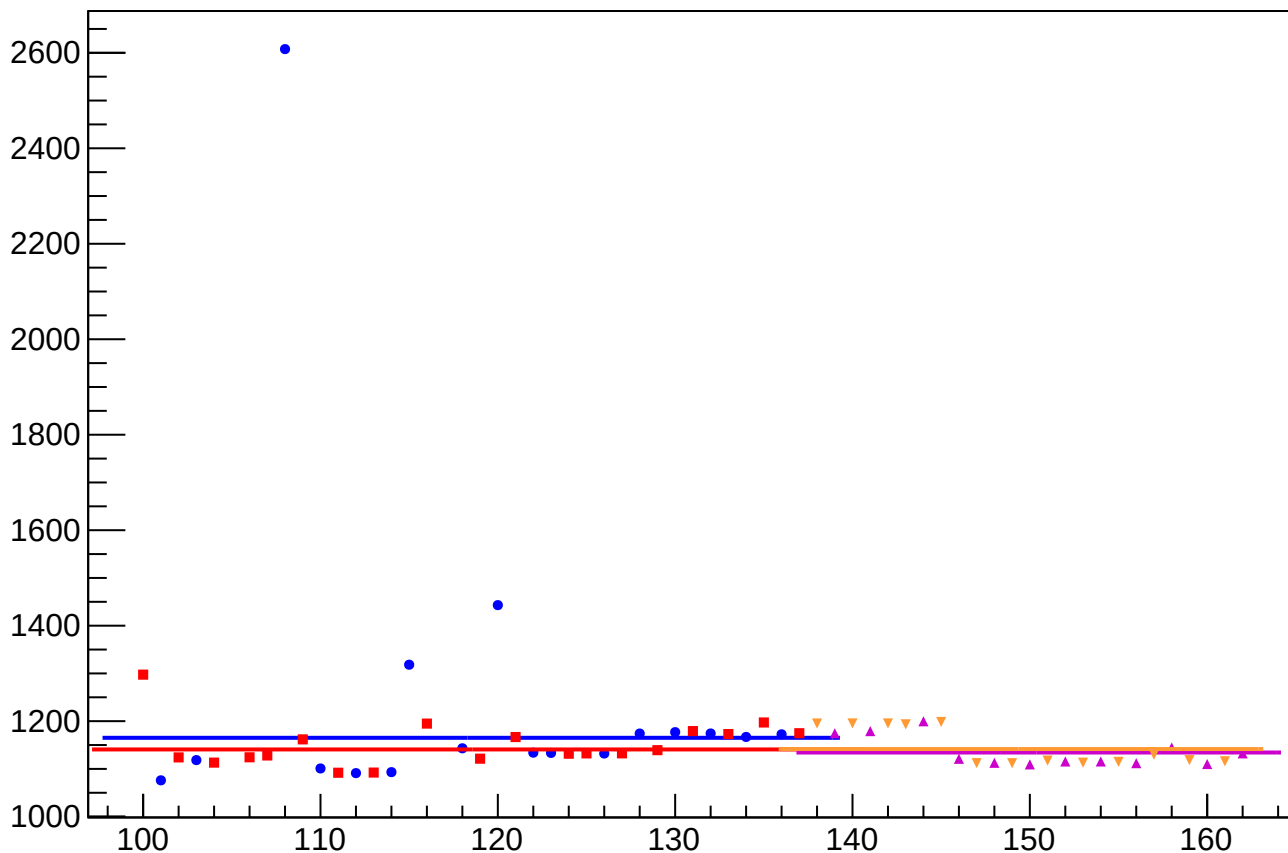
Right: 2284.984 $\pm$ 310.688 χ^2 /NDF: 26.6/35

In: 2446.520 $\pm$ 282.716 χ^2 /NDF:29.9/28

Out: 2096.624 $\pm$ 277.533 χ^2 /NDF:24.0/31

All: 2268.336 $\pm$ 198.053 χ^2 /NDF: 54.7/60

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146 +/- 0.320 χ^2/NDF : 278570.1/16

Left Out: 1141.590 +/- 0.258 χ^2/NDF : 20530.7/12

Right Out: 1140.752 +/- 0.302 χ^2/NDF : 12717.7/18

Left In: 1134.335 +/- 0.256 χ^2/NDF : 13605.6/11

Left: 1137.926 +/- 0.182 χ^2/NDF : 34534.5/24

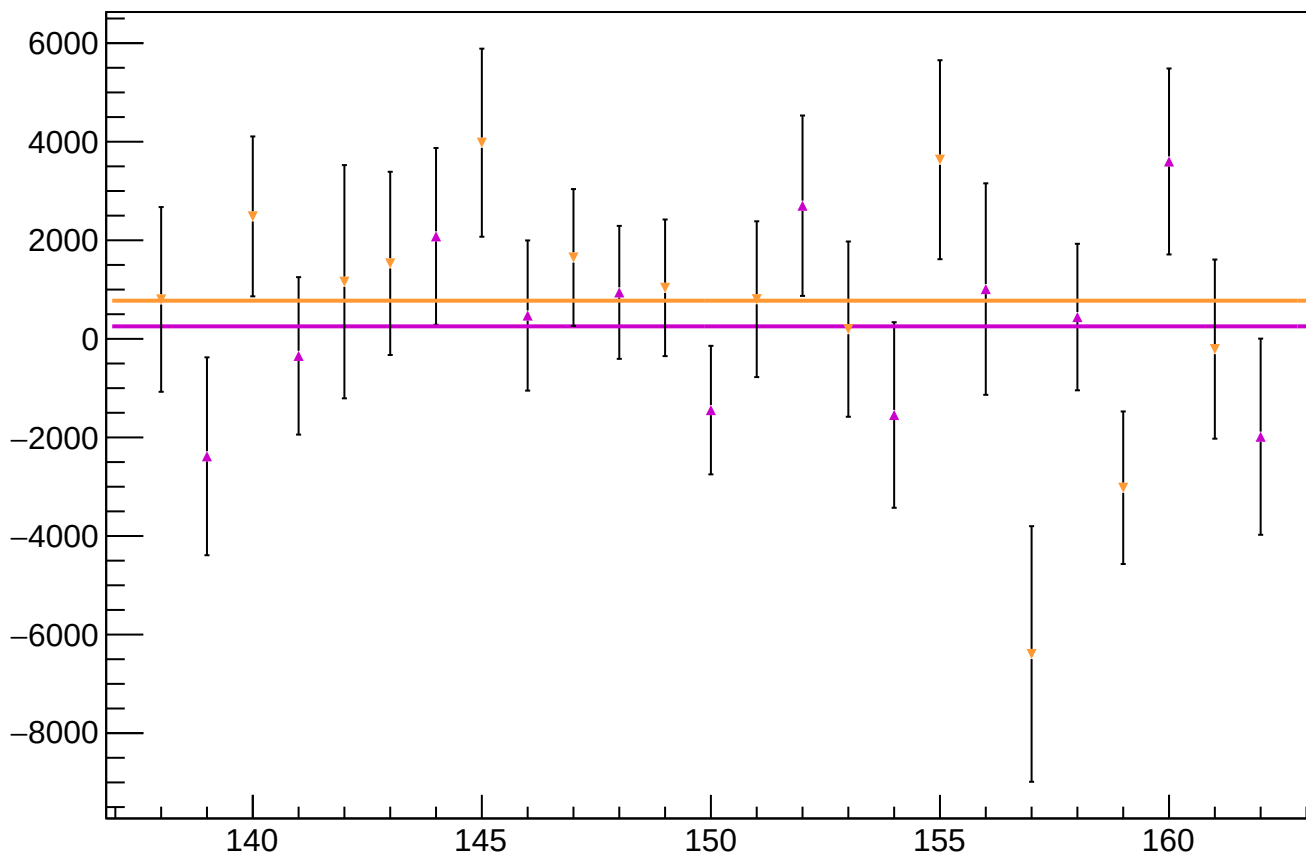
Right: 1152.217 +/- 0.220 χ^2/NDF : 294359.2/35

In: 1146.325 +/- 0.200 χ^2/NDF : 297822.6/28

Out: 1141.236 +/- 0.196 χ^2/NDF : 33252.8/31

All: 1143.733 +/- 0.140 χ^2/NDF : 331405.5/60

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 774.587+/-483.507 χ^2/NDF :20.6/12

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

Left In: 253.943+/-482.042 χ^2/NDF :12.1/11

Left: 513.475+/-341.372 χ^2/NDF : 33.3/24

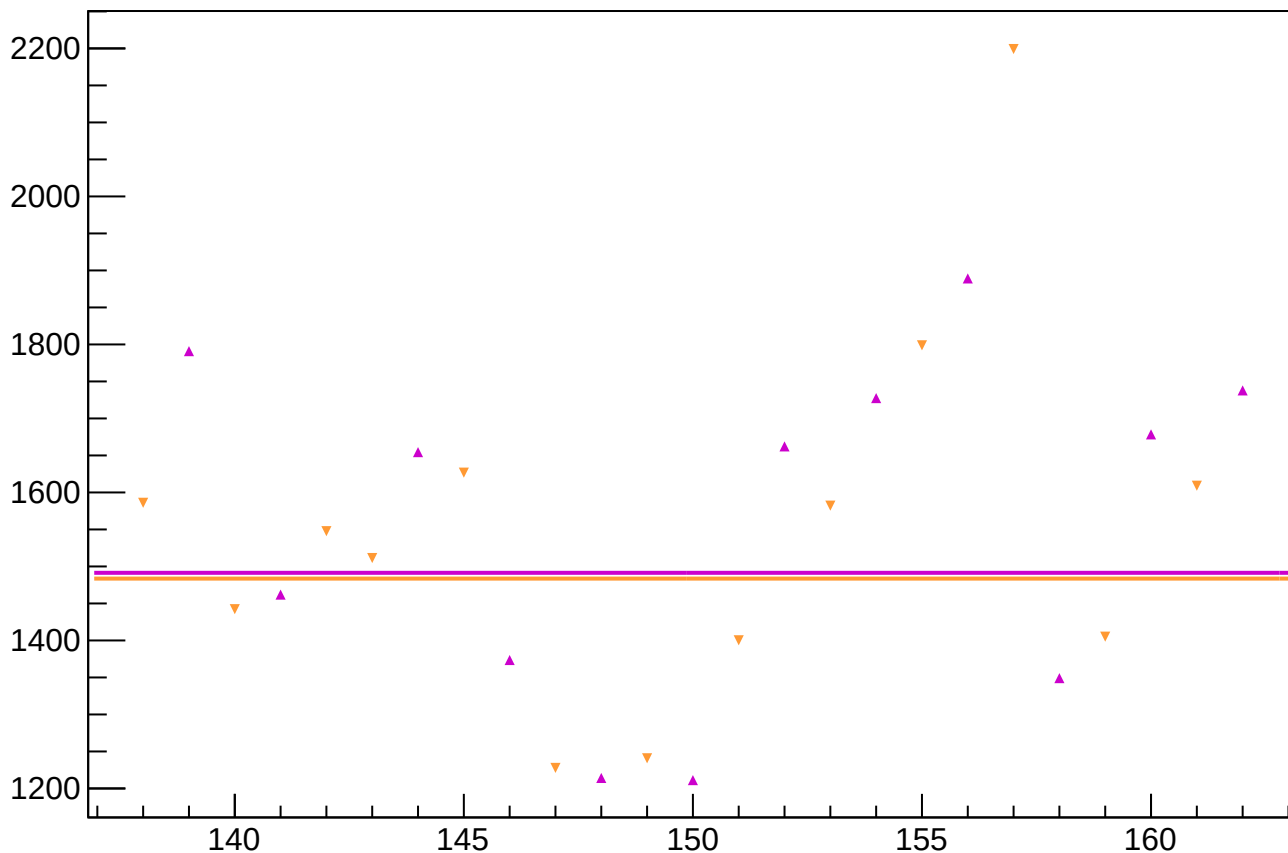
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.943+/-482.042 χ^2/NDF :12.1/11

Out: 774.587+/-483.507 χ^2/NDF :20.6/12

All: 513.475+/-341.372 χ^2/NDF : 33.3/24

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1483.590+/-0.342 χ^2/NDF :377154.5/12

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

Left In: 1491.407+/-0.341 χ^2/NDF :436786.8/11

Left: 1487.511+/-0.241 χ^2/NDF : 814203.5/24

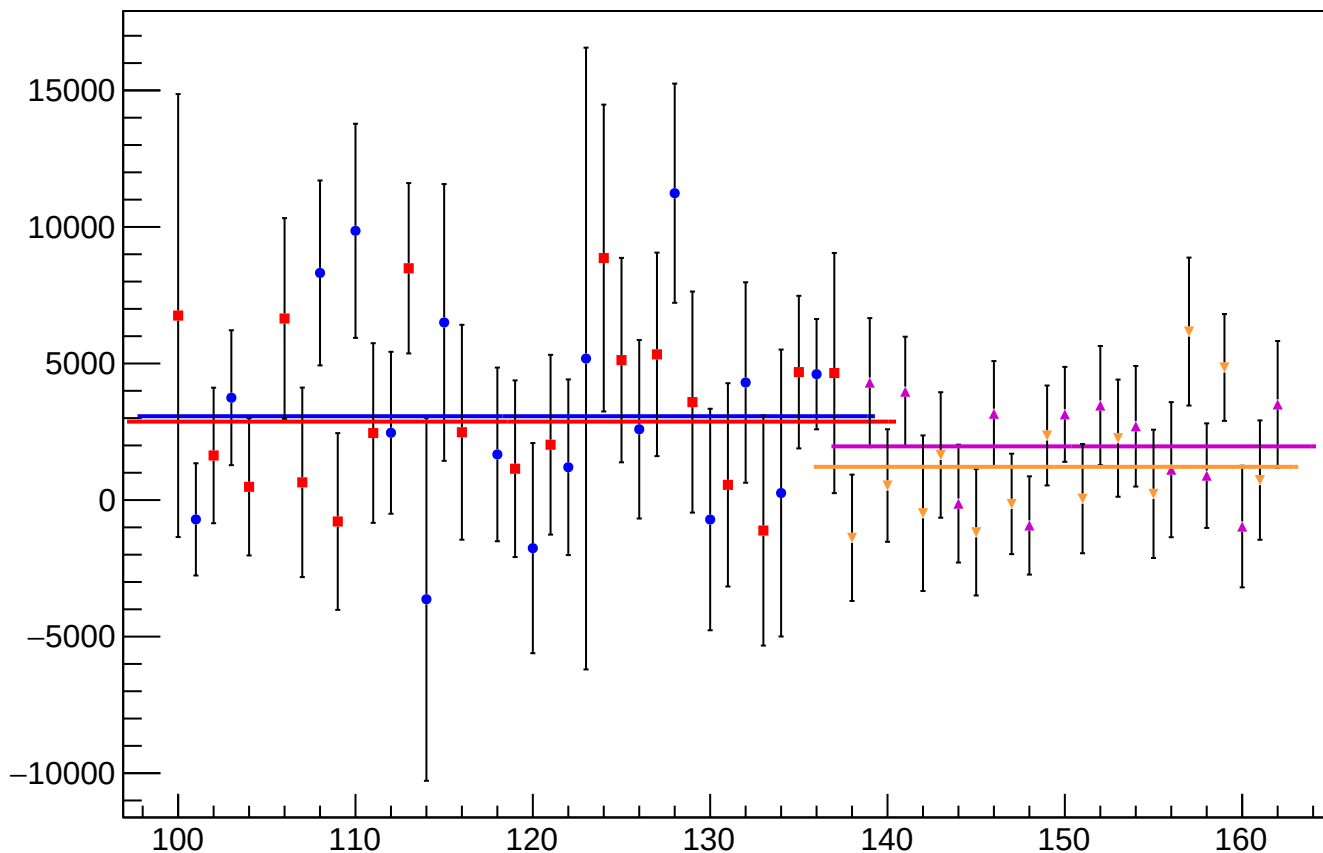
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1491.407+/-0.341 χ^2/NDF :436786.8/11

Out: 1483.590+/-0.342 χ^2/NDF :377154.5/12

All: 1487.511+/-0.241 χ^2/NDF : 814203.5/24

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484 $\pm$ 797.741 χ^2 /NDF: 18.5/16

Left Out: 1217.417 $\pm$ 600.614 χ^2 /NDF: 11.4/12

Right Out: 2872.615 $\pm$ 795.352 χ^2 /NDF: 11.6/18

Left In: 1966.105 $\pm$ 598.957 χ^2 /NDF: 9.5/11

Left: 1592.795 $\pm$ 424.111 χ^2 /NDF: 21.7/24

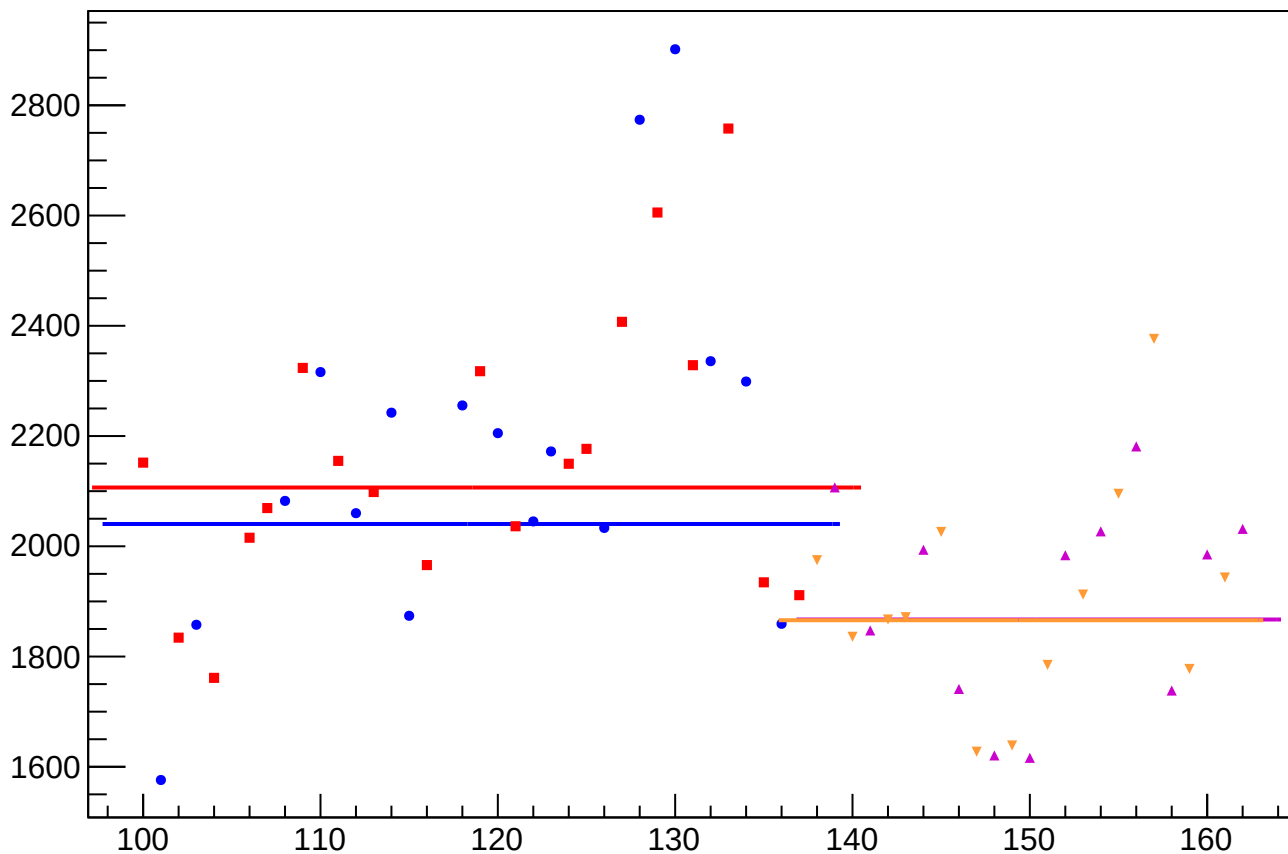
Right: 2970.754 $\pm$ 563.242 χ^2 /NDF: 30.1/35

In: 2363.875 $\pm$ 478.978 χ^2 /NDF: 29.3/28

Out: 1818.522 $\pm$ 479.302 χ^2 /NDF: 25.7/31

All: 2091.383 $\pm$ 338.803 χ^2 /NDF: 55.6/60

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1865.903+/-0.425 χ^2/NDF :179820.4/12

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

Left In: 1867.195+/-0.424 χ^2/NDF :188554.5/11

Left: 1866.551+/-0.300 χ^2/NDF : 368379.6/24

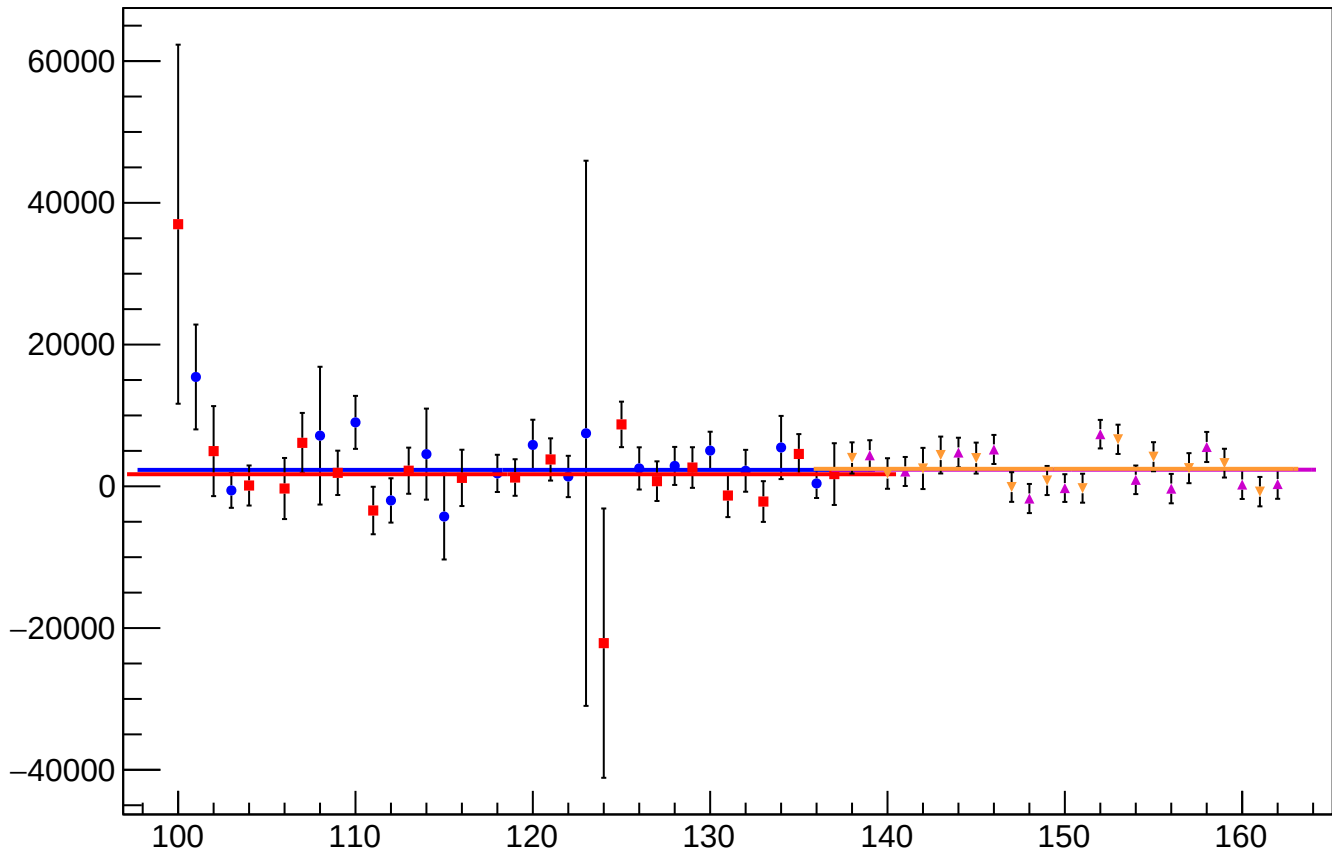
Right: 2073.628+/-0.398 χ^2/NDF : 533659.8/35

In: 1929.648+/-0.339 χ^2/NDF :580210.7/28

Out: 1953.323+/-0.339 χ^2/NDF :491907.5/31

All: 1941.478+/-0.240 χ^2/NDF : 1074559.8/60

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038 $\pm$ 801.440 χ^2 /NDF: 14.8/16

Left Out: 2468.802 $\pm$ 600.523 χ^2 /NDF:12.9/12

Right Out: 1705.508 $\pm$ 782.848 χ^2 /NDF: 17.2/18

Left In: 2344.695 $\pm$ 593.110 χ^2 /NDF:22.5/11

Left: 2405.978 $\pm$ 421.988 χ^2 /NDF: 35.4/24

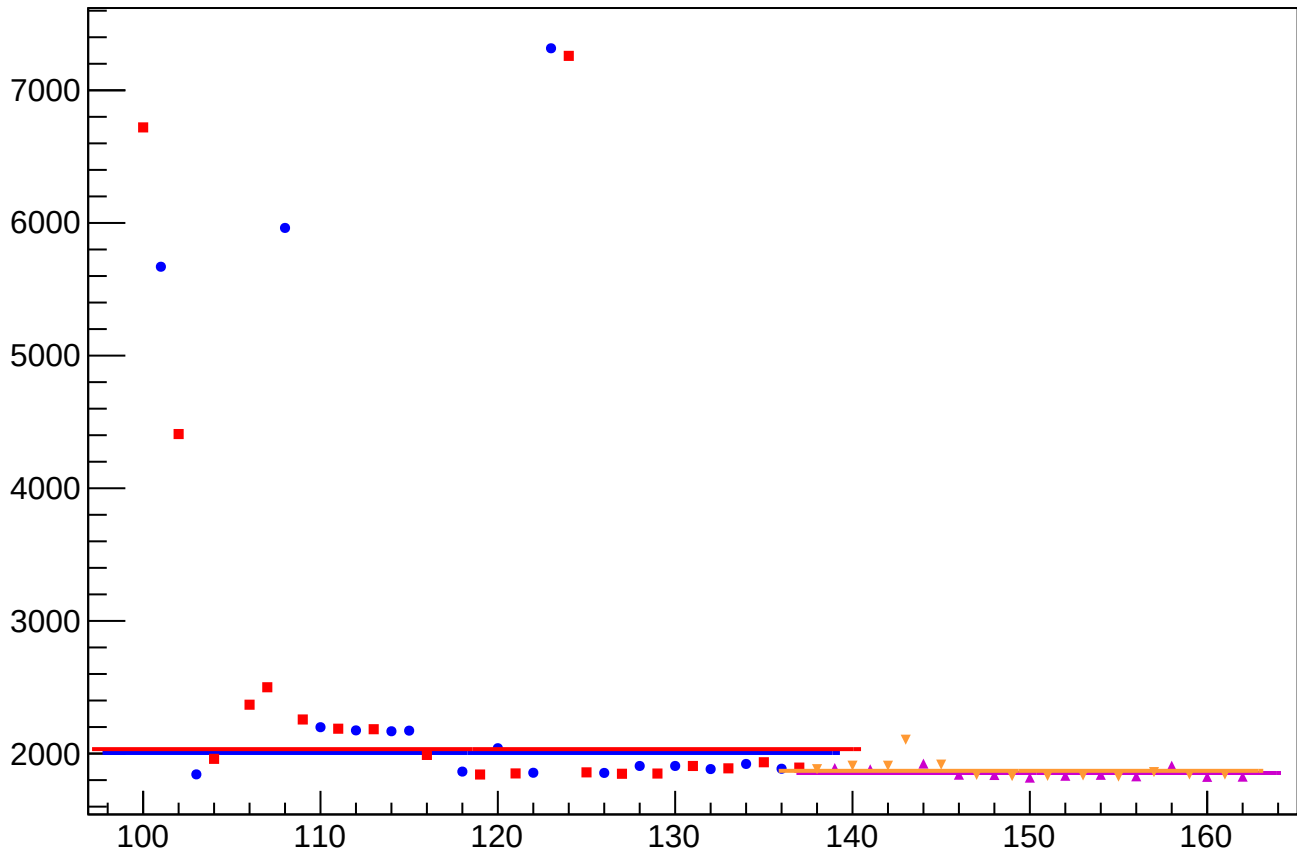
Right: 2005.073 $\pm$ 560.015 χ^2 /NDF: 32.3/35

In: 2335.616 $\pm$ 476.754 χ^2 /NDF:37.3/28

Out: 2186.038 $\pm$ 476.479 χ^2 /NDF:30.6/31

All: 2260.783 $\pm$ 337.019 χ^2 /NDF: 68.0/60

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1869.955+/-0.425 χ^2/NDF : 22404.3/12

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

Left In: 1853.656+/-0.419 χ^2/NDF : 6767.4/11

Left: 1861.704+/-0.298 χ^2/NDF : 29917.5/24

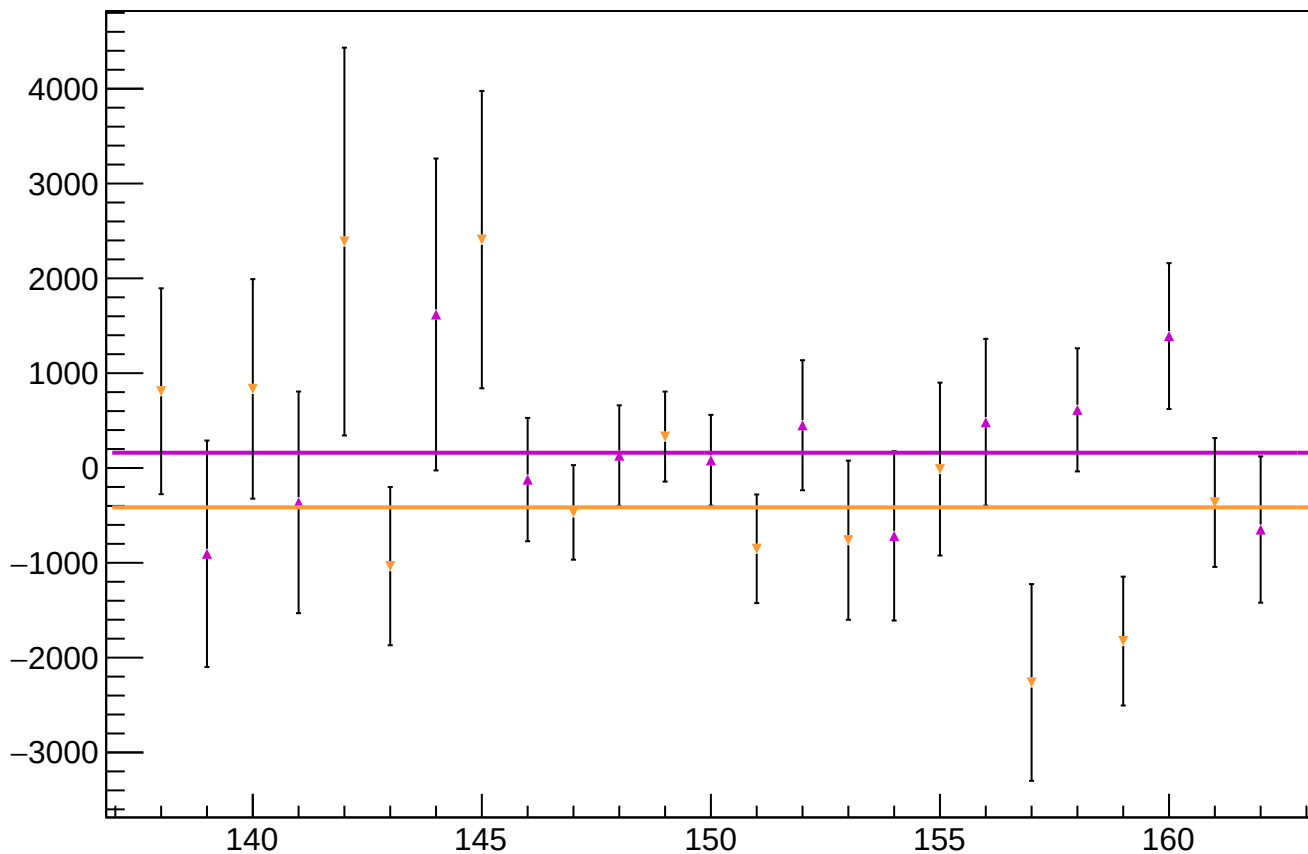
Right: 2019.360+/-0.396 χ^2/NDF : 1528357.7/35

In: 1907.053+/-0.337 χ^2/NDF : 968590.4/28

Out: 1930.538+/-0.337 χ^2/NDF : 688358.7/31

All: 1918.802+/-0.238 χ^2/NDF : 1659376.9/60

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -415.002 $\pm$ 208.195 χ^2 /NDF:19.0/12

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

Left In: 161.036 $\pm$ 210.842 χ^2 /NDF:7.4/11

Left: -130.623 $\pm$ 148.143 χ^2 /NDF: 30.2/24

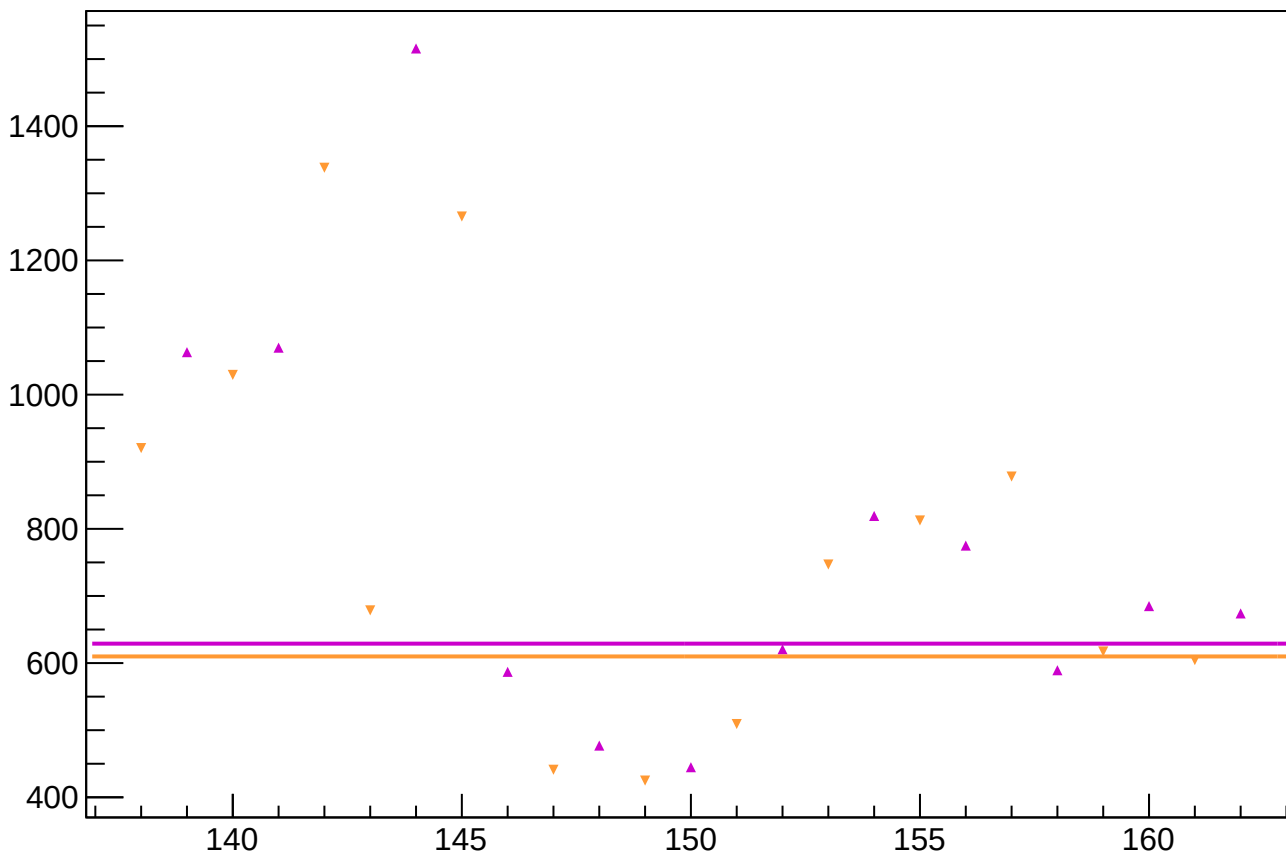
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 161.036 $\pm$ 210.842 χ^2 /NDF:7.4/11

Out: -415.002 $\pm$ 208.195 χ^2 /NDF:19.0/12

All: -130.623 $\pm$ 148.143 χ^2 /NDF: 30.2/24

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 609.882+/-0.147 χ^2/NDF :1924025.9/12

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

Left In: 628.948+/-0.149 χ^2/NDF :1769976.3/11

Left: 619.294+/-0.105 χ^2/NDF : 3702282.9/24

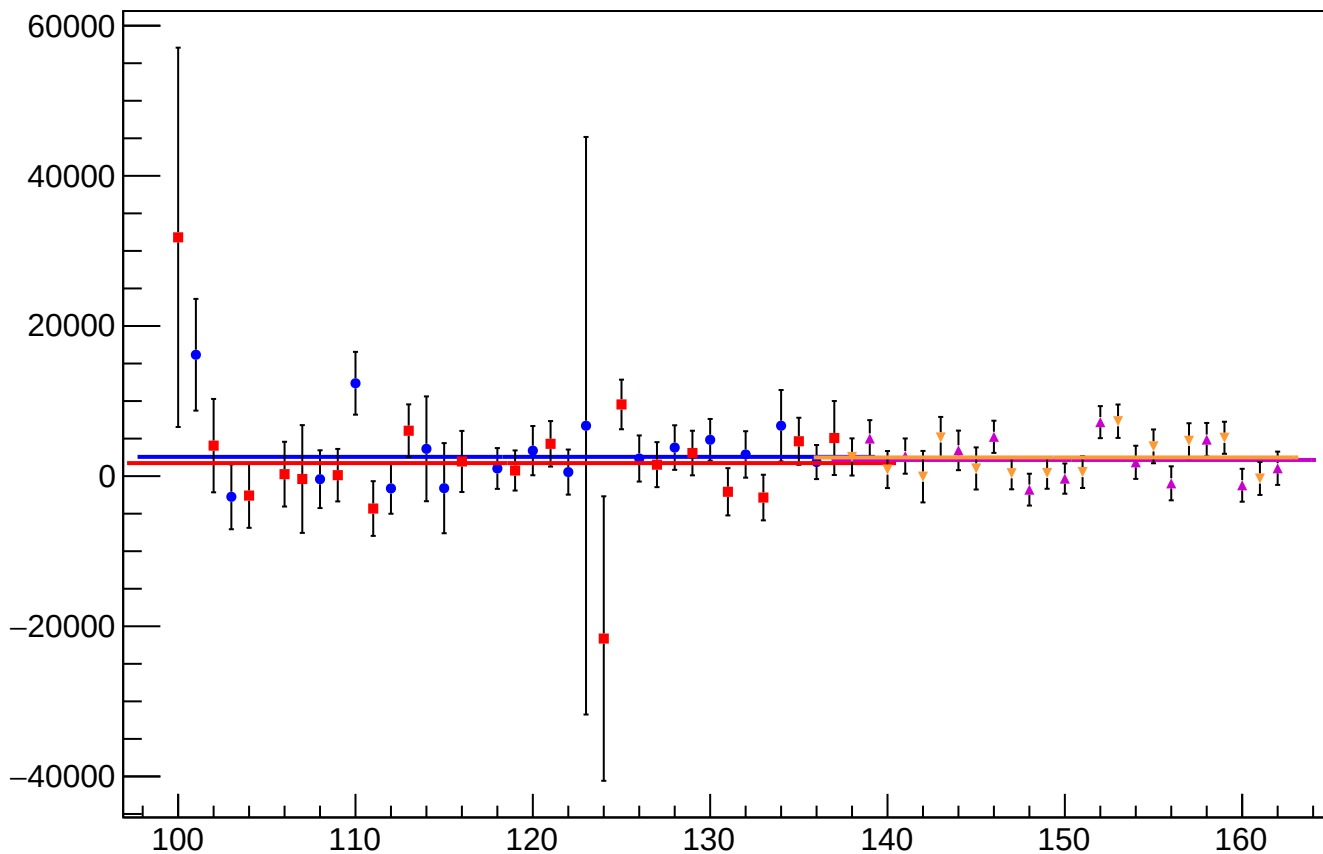
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 628.948+/-0.149 χ^2/NDF :1769976.3/11

Out: 609.882+/-0.147 χ^2/NDF :1924025.9/12

All: 619.294+/-0.105 χ^2/NDF : 3702282.9/24

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2491.216 $\pm$ 652.445 χ^2 /NDF:14.2/12

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

Left In: 2154.646 $\pm$ 643.643 χ^2 /NDF:20.3/11

Left: 2320.646 $\pm$ 458.205 χ^2 /NDF: 34.6/24

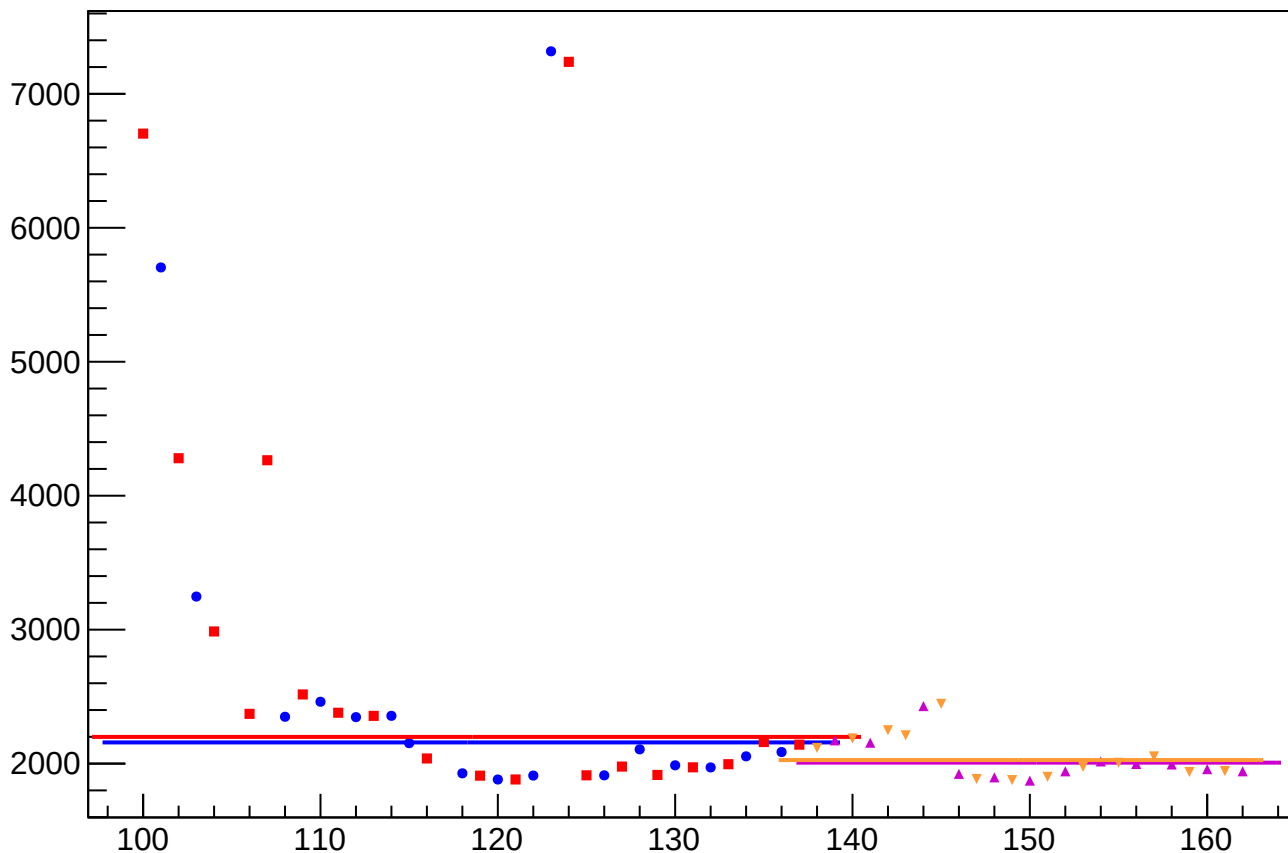
Right: 2150.830 $\pm$ 604.316 χ^2 /NDF: 36.5/35

In: 2303.486 $\pm$ 514.459 χ^2 /NDF:36.0/28

Out: 2213.160 $\pm$ 518.271 χ^2 /NDF:35.2/31

All: 2258.657 $\pm$ 365.118 χ^2 /NDF: 71.2/60

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2026.506 $\pm$ 0.461 χ^2 /NDF:107067.3/12

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

Left In: 2007.092 $\pm$ 0.455 χ^2 /NDF:90519.2/11

Left: 2016.667 $\pm$ 0.324 χ^2 /NDF: 198483.9/24

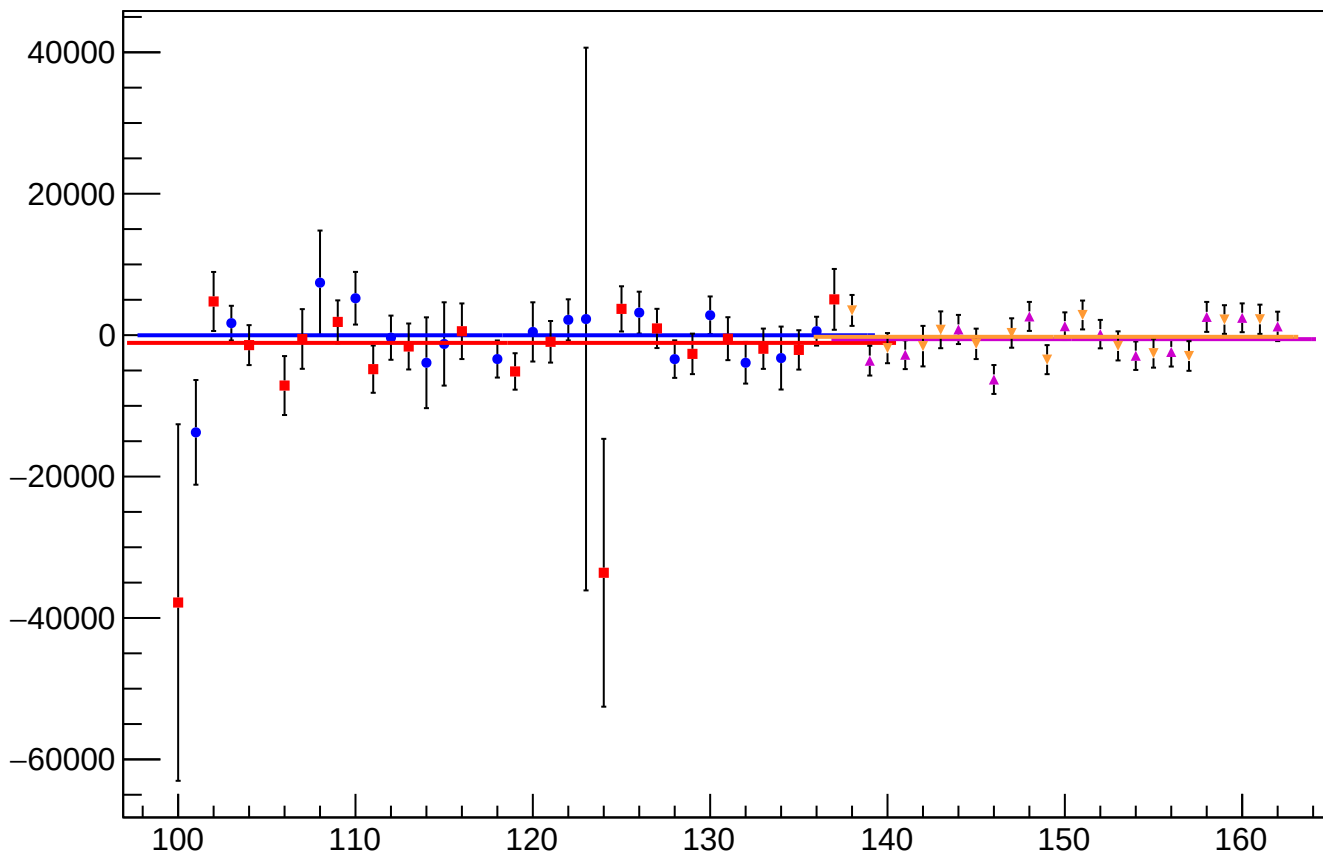
Right: 2178.816 $\pm$ 0.427 χ^2 /NDF: 1519207.5/35

In: 2061.643 $\pm$ 0.364 χ^2 /NDF:844162.8/28

Out: 2090.284 $\pm$ 0.366 χ^2 /NDF:961879.7/31

All: 2075.858 $\pm$ 0.258 χ^2 /NDF: 1809118.8/60

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275 ± 801.405 χ^2/NDF : 15.8/16

Left Out: -237.127 ± 597.378 χ^2/NDF : 15.1/12

Right Out: -1095.433 ± 769.722 χ^2/NDF : 19.4/18

Left In: -566.444 ± 590.841 χ^2/NDF : 22.2/11

Left: -403.597 ± 420.080 χ^2/NDF : 37.5/24

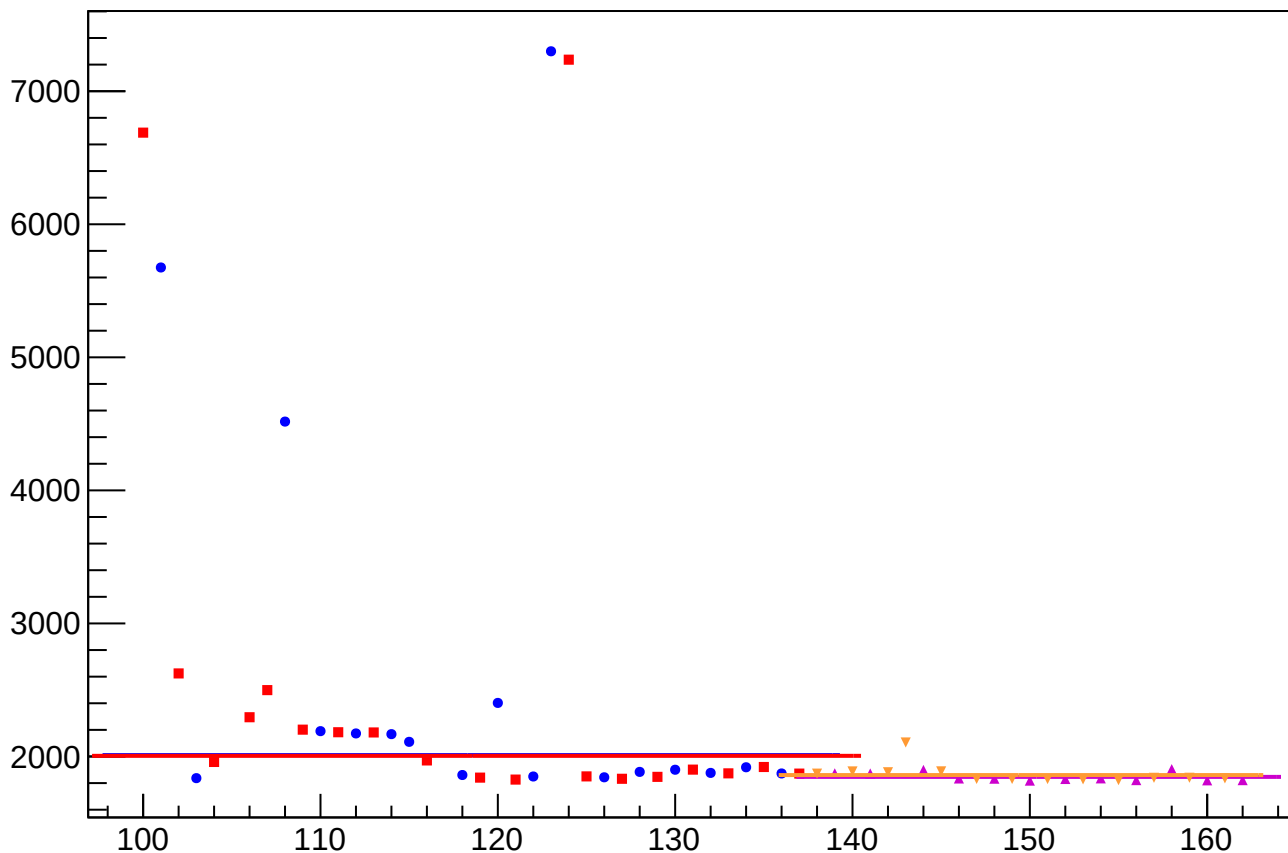
Right: -578.567 ± 555.139 χ^2/NDF : 36.2/35

In: -373.411 ± 475.566 χ^2/NDF : 38.4/28

Out: -559.770 ± 471.926 χ^2/NDF : 35.3/31

All: -467.306 ± 334.982 χ^2/NDF : 73.7/60

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2010.272 $\pm$ 0.567 χ^2 /NDF: 839746.7/16

Left Out: 1860.280 $\pm$ 0.422 χ^2 /NDF: 21642.7/12

Right Out: 2004.882 $\pm$ 0.544 χ^2 /NDF: 367513.0/18

Left In: 1846.680 $\pm$ 0.418 χ^2 /NDF: 5086.5/11

Left: 1853.405 $\pm$ 0.297 χ^2 /NDF: 27253.2/24

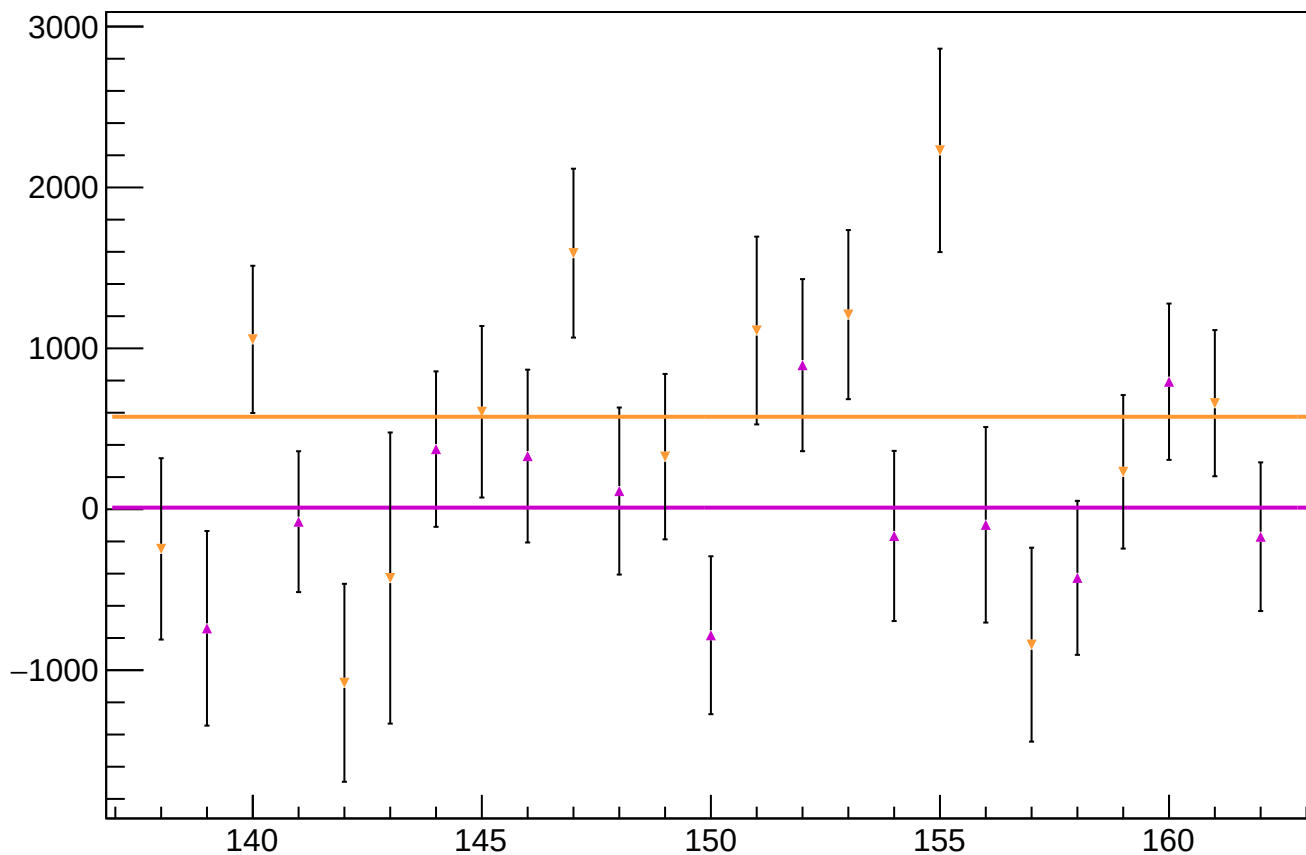
Right: 2007.469 $\pm$ 0.393 χ^2 /NDF: 1207306.7/35

In: 1904.288 $\pm$ 0.336 χ^2 /NDF: 898825.6/28

Out: 1914.637 $\pm$ 0.334 χ^2 /NDF: 433207.6/31

All: 1909.502 $\pm$ 0.237 χ^2 /NDF: 1332510.4/60

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 575.020+/-151.133 χ^2/NDF :30.9/12

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

Left In: 10.105+/-146.423 χ^2/NDF :11.6/11

Left: 283.623+/-105.162 χ^2/NDF : 49.7/24

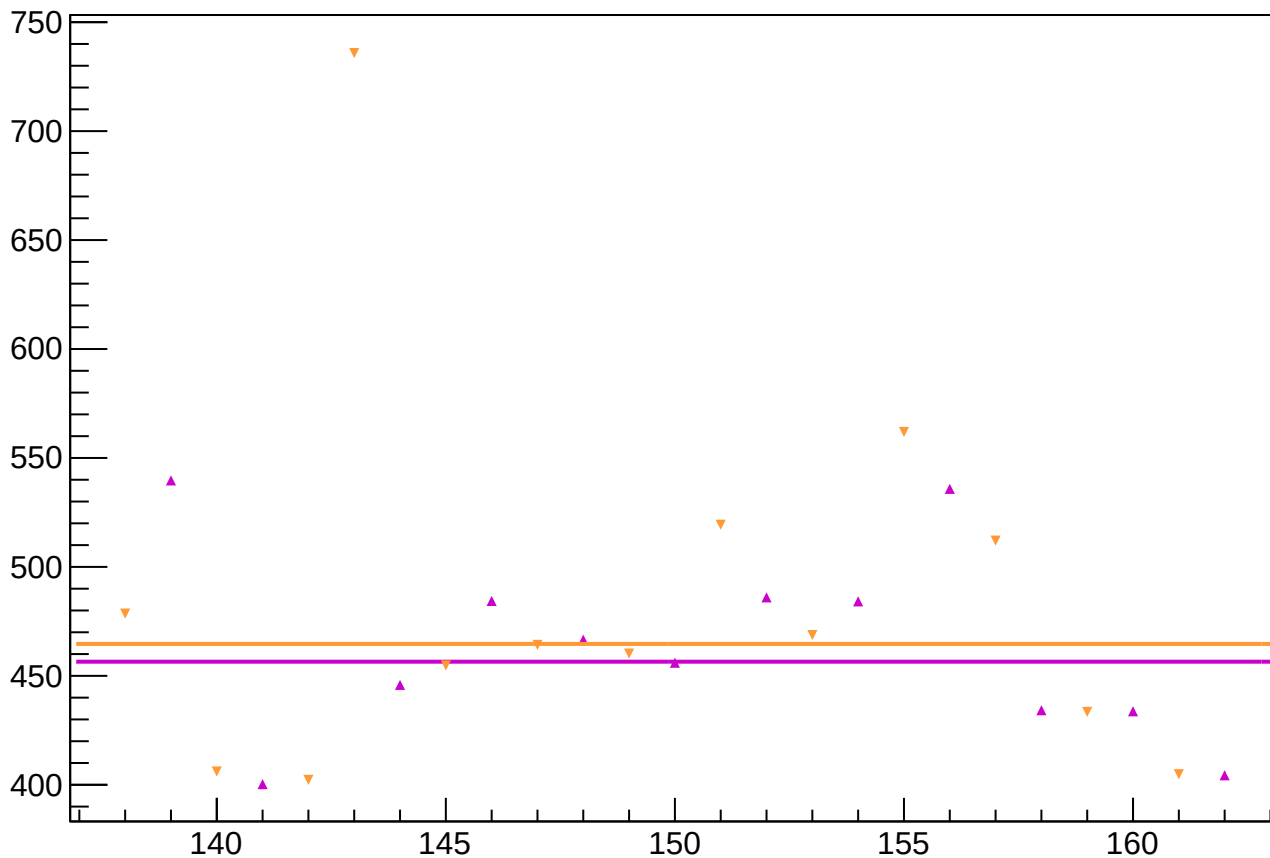
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.105+/-146.423 χ^2/NDF :11.6/11

Out: 575.020+/-151.133 χ^2/NDF :30.9/12

All: 283.623+/-105.162 χ^2/NDF : 49.7/24

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 464.653+/-0.107 χ^2/NDF :355711.6/12

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

Left In: 456.500+/-0.104 χ^2/NDF :157790.2/11

Left: 460.448+/-0.074 χ^2/NDF : 516504.4/24

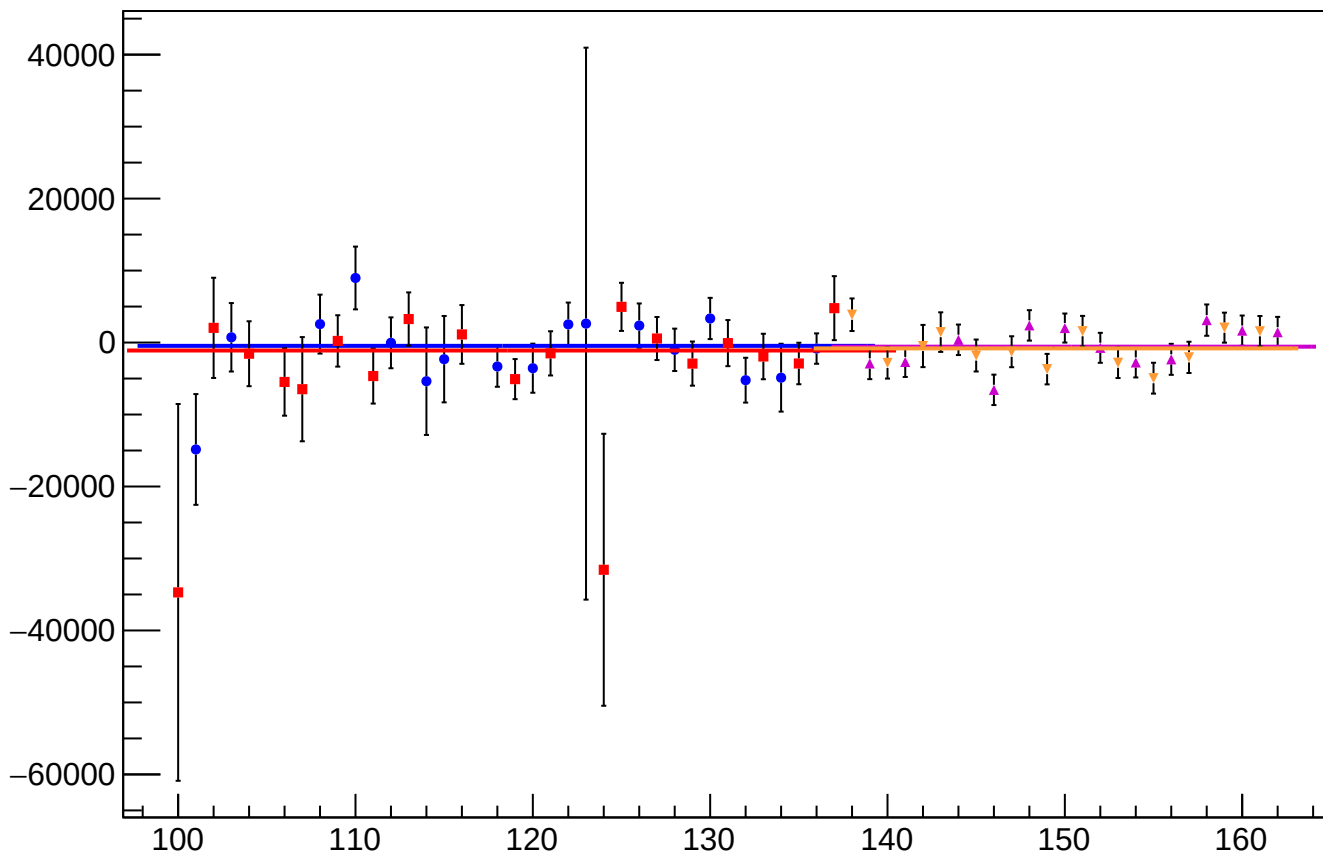
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 456.500+/-0.104 χ^2/NDF :157790.2/11

Out: 464.653+/-0.107 χ^2/NDF :355711.6/12

All: 460.448+/-0.074 χ^2/NDF : 516504.4/24

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311 $\pm$ 865.151 χ^2/NDF : 18.1/16

Left Out: -811.108 $\pm$ 617.652 χ^2/NDF :17.3/12

Right Out: -1104.312 $\pm$ 867.160 χ^2/NDF : 16.9/18

Left In: -571.694 $\pm$ 609.464 χ^2/NDF :20.7/11

Left: -689.804 $\pm$ 433.822 χ^2/NDF : 38.1/24

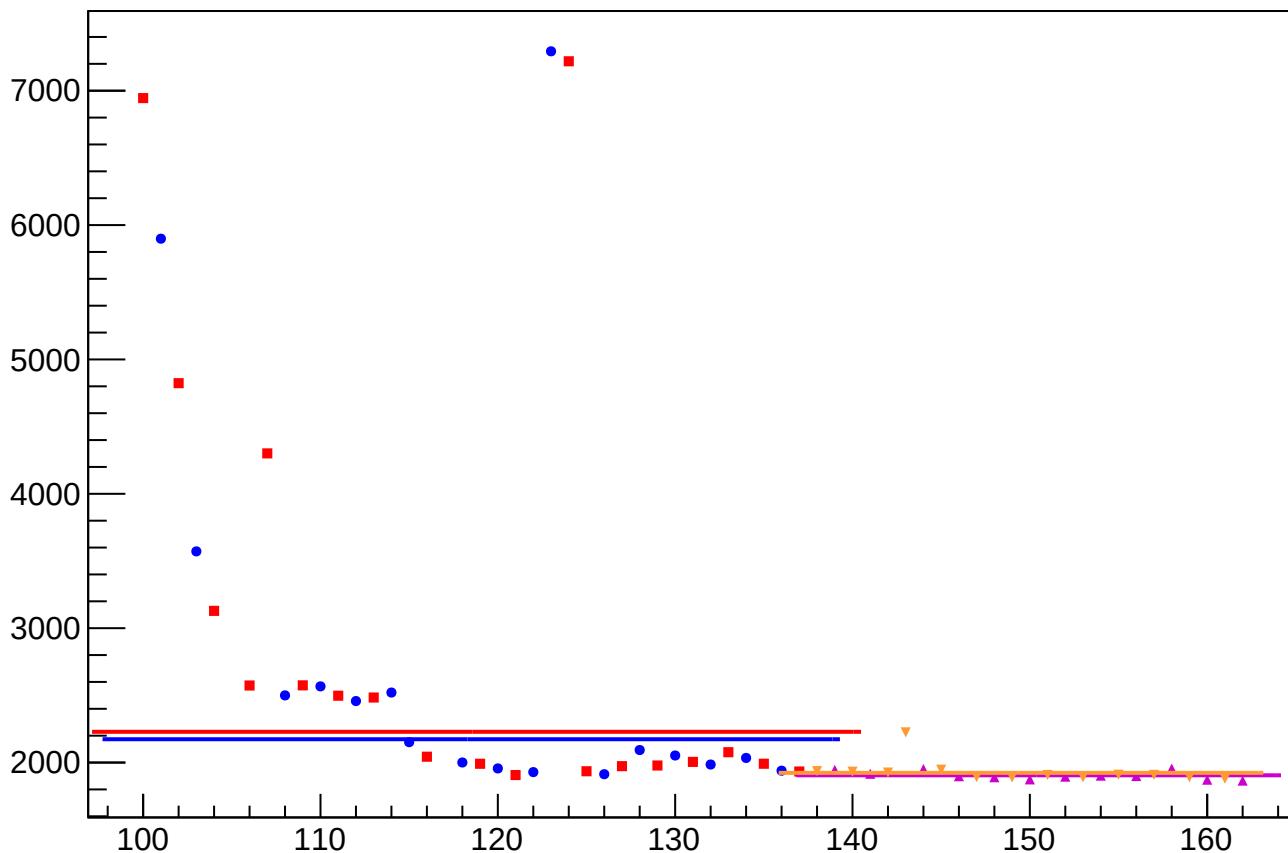
Right: -780.562 $\pm$ 612.463 χ^2/NDF : 35.2/35

In: -534.089 $\pm$ 498.247 χ^2/NDF :38.8/28

Out: -909.793 $\pm$ 503.083 χ^2/NDF :34.3/31

All: -720.126 $\pm$ 354.011 χ^2/NDF : 73.3/60

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1923.408 $\pm$ 0.437 χ^2 /NDF: 27458.5/12

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

Left In: 1905.102 $\pm$ 0.431 χ^2 /NDF: 4595.9/11

Left: 1914.133 $\pm$ 0.307 χ^2 /NDF: 32944.5/24

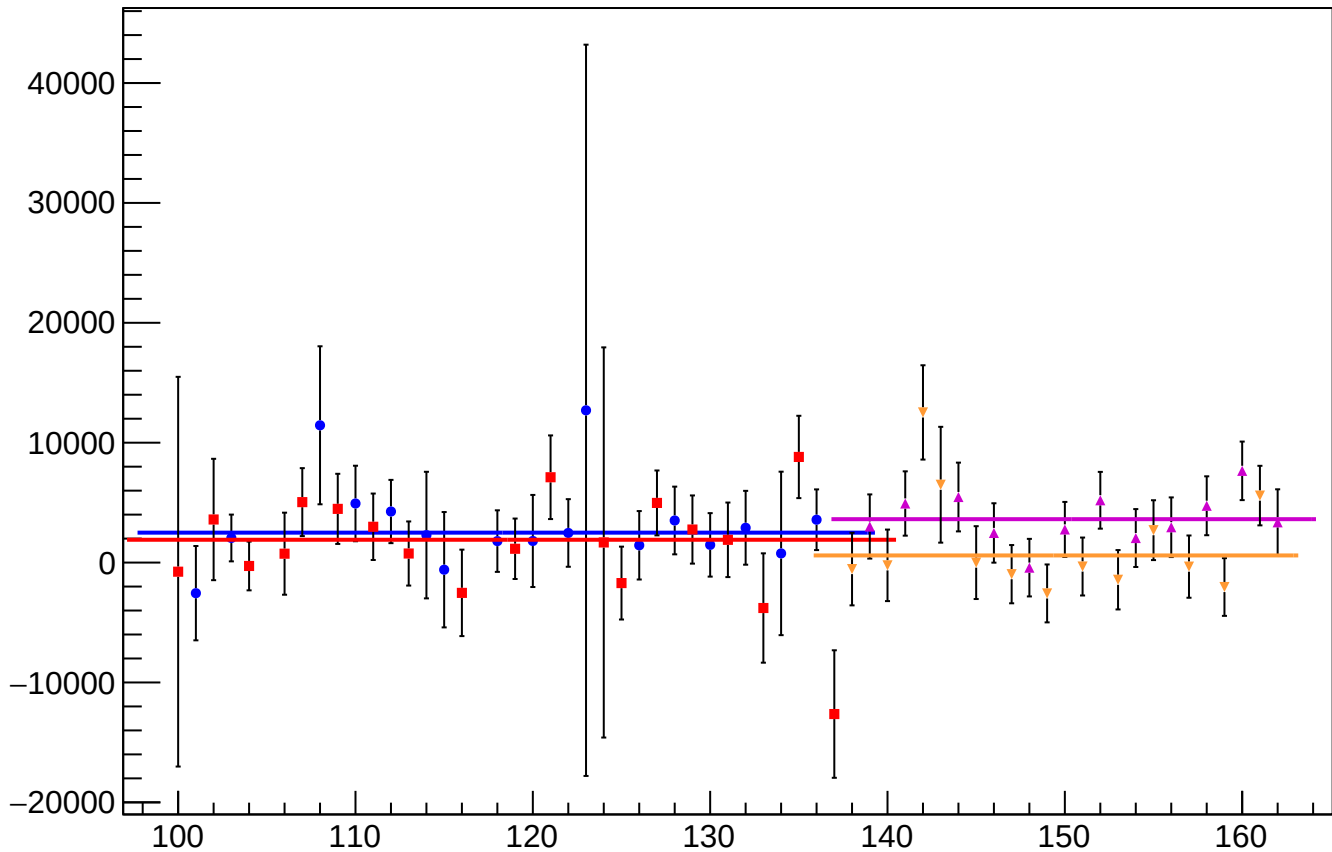
Right: 2201.146 $\pm$ 0.433 χ^2 /NDF: 1705309.7/35

In: 1994.131 $\pm$ 0.352 χ^2 /NDF: 938629.5/28

Out: 2026.227 $\pm$ 0.356 χ^2 /NDF: 1087987.2/31

All: 2010.024 $\pm$ 0.250 χ^2 /NDF: 2030726.4/60

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 595.590 $\pm$ 754.607 χ^2 /NDF:20.0/12

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

Left In: 3620.192 $\pm$ 724.931 χ^2 /NDF:7.8/11

Left: 2168.533 $\pm$ 522.780 χ^2 /NDF: 36.1/24

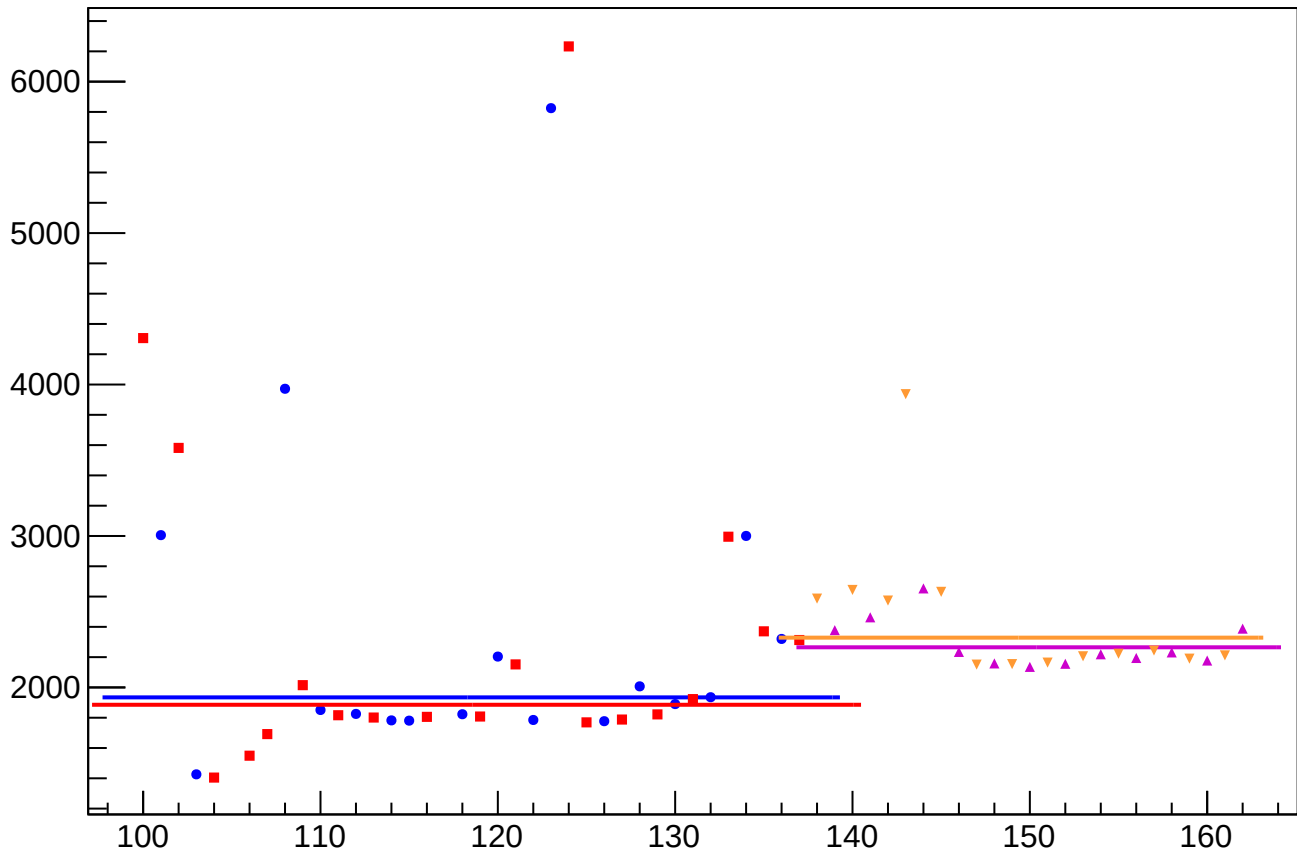
Right: 2187.370 $\pm$ 531.779 χ^2 /NDF: 29.7/35

In: 3091.003 $\pm$ 527.267 χ^2 /NDF:14.8/28

Out: 1264.894 $\pm$ 527.177 χ^2 /NDF:45.0/31

All: 2177.791 $\pm$ 372.802 χ^2 /NDF: 65.8/60

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2328.762+/-0.534 χ^2/NDF : 338226.9/12

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

Left In: 2265.023+/-0.513 χ^2/NDF : 75289.1/11

Left: 2295.614+/-0.370 χ^2/NDF : 420936.7/24

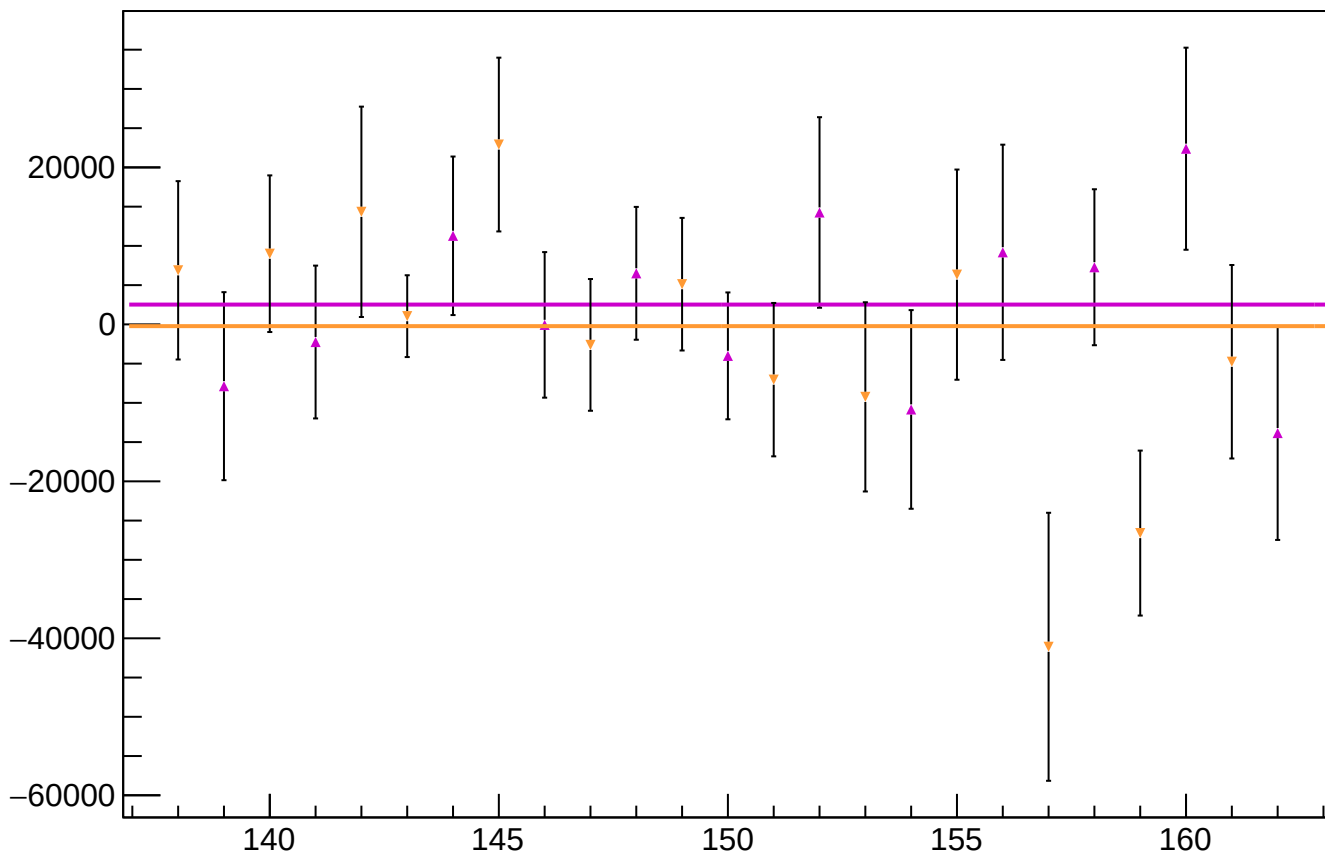
Right: 1908.949+/-0.376 χ^2/NDF : 1395226.1/35

In: 2109.306+/-0.373 χ^2/NDF : 910138.4/28

Out: 2101.821+/-0.373 χ^2/NDF : 1443597.1/31

All: 2105.563+/-0.264 χ^2/NDF : 2353937.1/60

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -225.343+/-2686.849 χ^2/NDF :20.8/12

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

Left In: 2522.336+/-3041.266 χ^2/NDF :9.0/11

Left: 979.137+/-2013.591 χ^2/NDF : 30.3/24

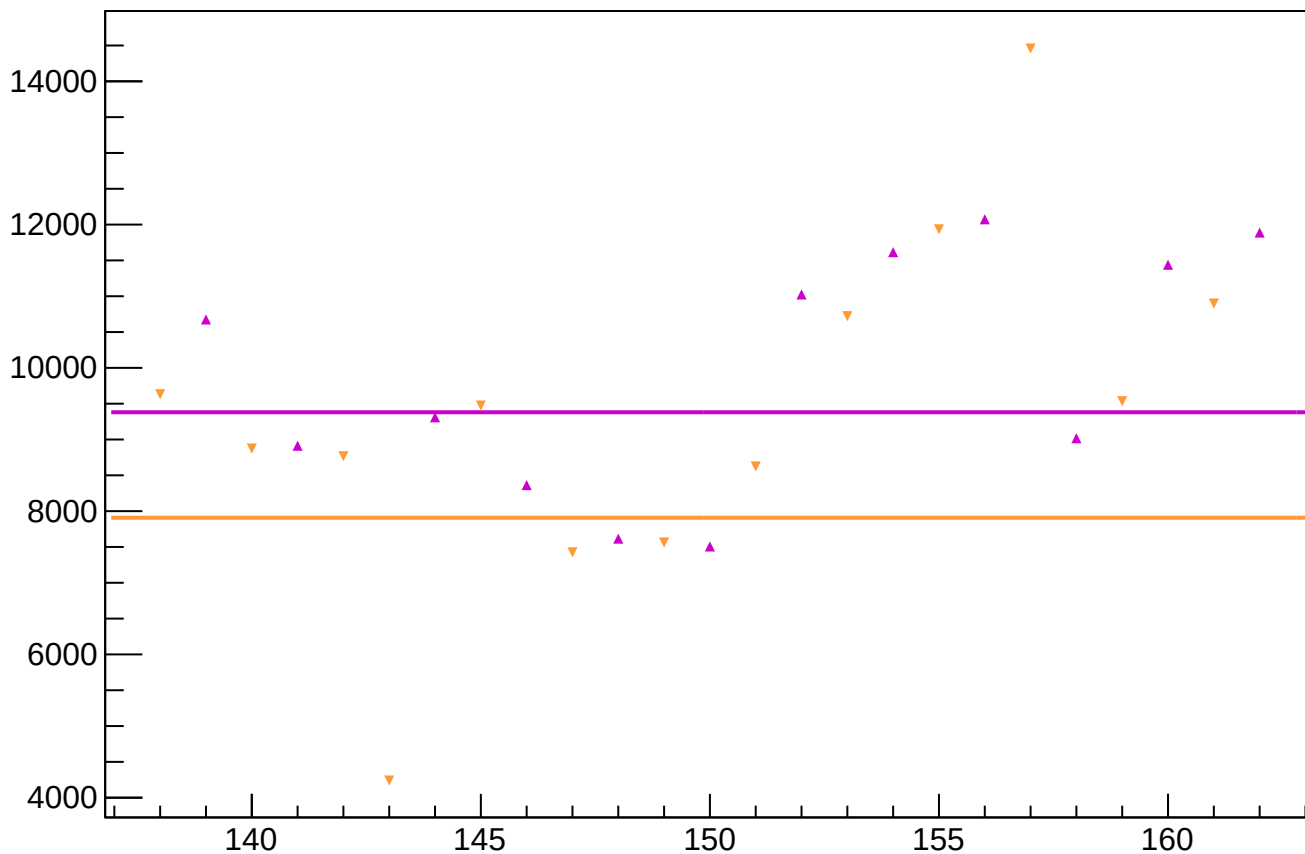
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2522.336+/-3041.266 χ^2/NDF :9.0/11

Out: -225.343+/-2686.849 χ^2/NDF :20.8/12

All: 979.137+/-2013.591 χ^2/NDF : 30.3/24

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7908.217+/-1.900 χ^2/NDF :1873934.9/12

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

Left In: 9380.384+/-2.150 χ^2/NDF :544361.0/11

Left: 8553.560+/-1.424 χ^2/NDF : 2681499.1/24

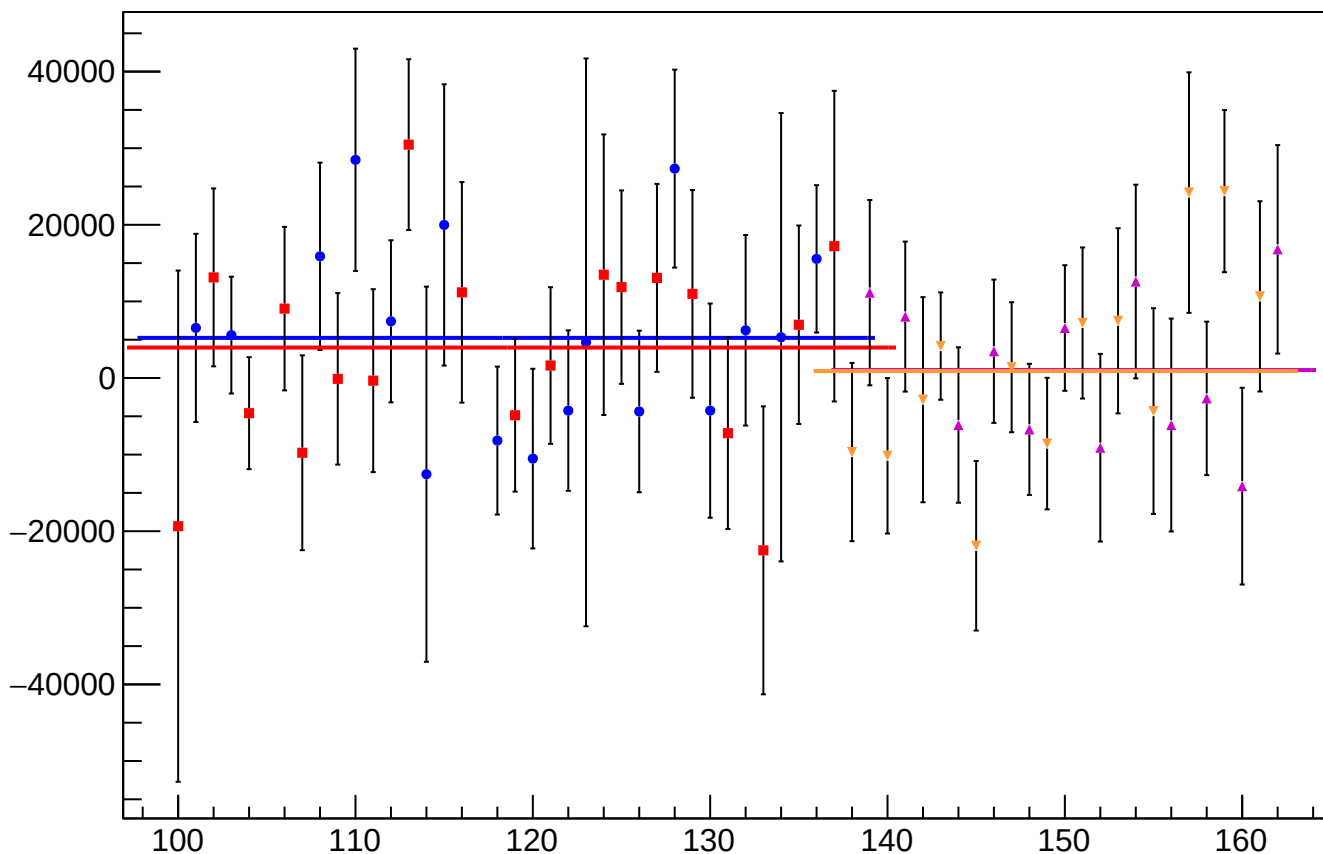
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9380.384+/-2.150 χ^2/NDF :544361.0/11

Out: 7908.217+/-1.900 χ^2/NDF :1873934.9/12

All: 8553.560+/-1.424 χ^2/NDF : 2681499.1/24

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 909.492+/-2877.191 χ^2/NDF : 16.4/12

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

Left In: 1039.344+/-3064.904 χ^2/NDF : 7.7/11

Left: 970.320+/-2097.705 χ^2/NDF : 24.1/24

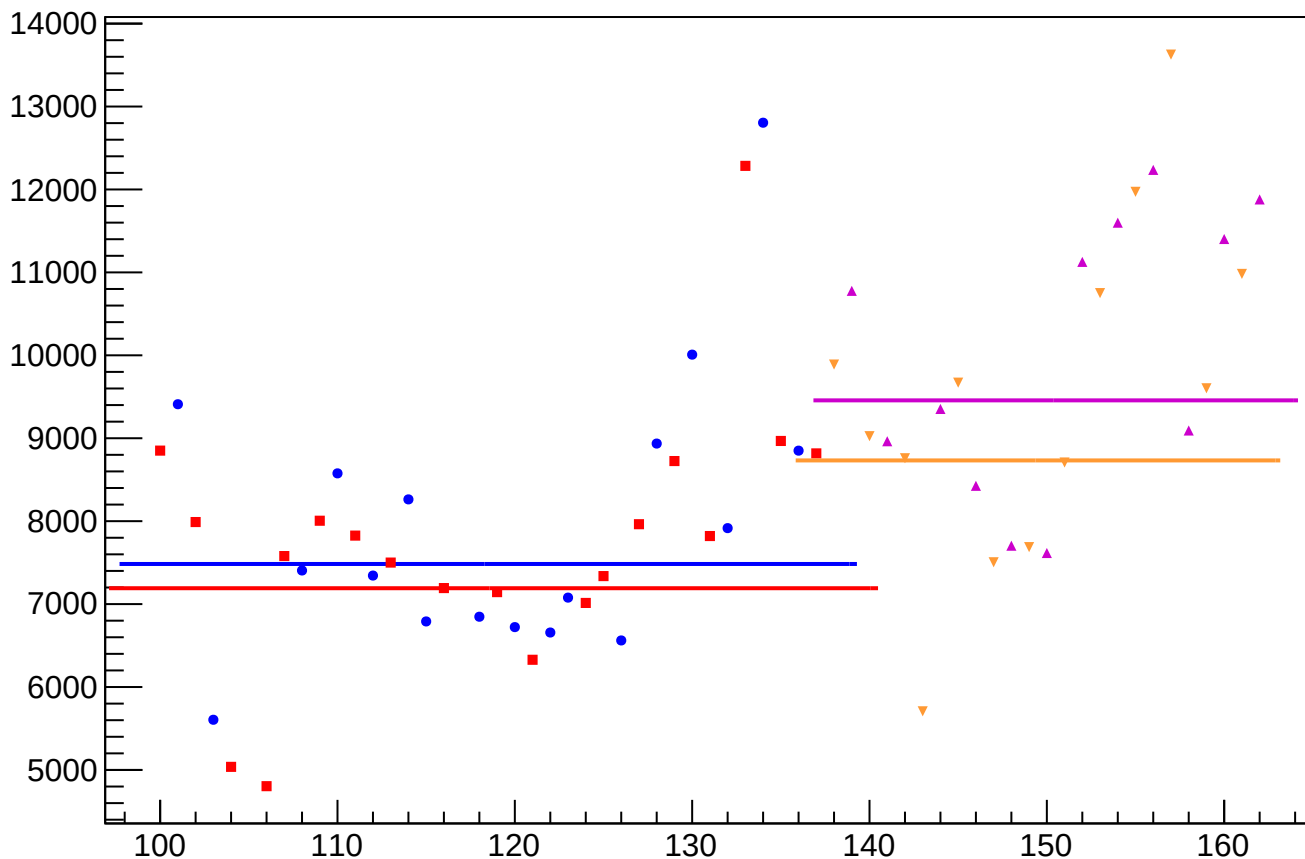
Right: 4573.057+/-2025.948 χ^2/NDF : 30.2/35

In: 3221.866+/-2123.990 χ^2/NDF : 23.2/28

Out: 2489.714+/-2003.099 χ^2/NDF : 32.6/31

All: 2834.362+/-1457.269 χ^2/NDF : 55.8/60

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785+/-2.083 χ^2/NDF : 431806.2/16

Left Out: 8732.524+/-2.034 χ^2/NDF : 925749.2/12

Right Out: 7191.451+/-1.973 χ^2/NDF : 558753.1/18

Left In: 9456.781+/-2.167 χ^2/NDF : 524601.0/11

Left: 9071.796+/-1.483 χ^2/NDF : 1509715.5/24

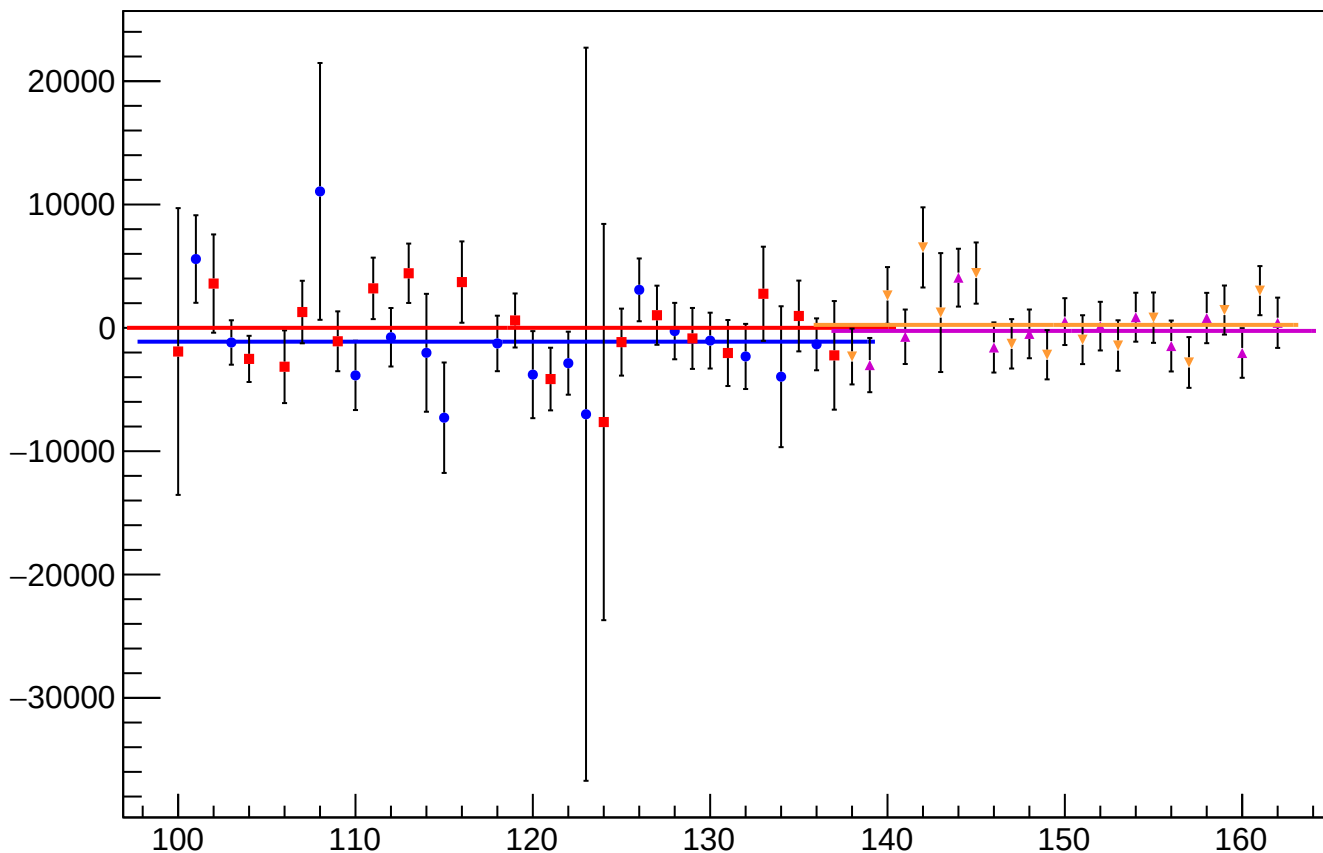
Right: 7329.673+/-1.432 χ^2/NDF : 1000940.7/35

In: 8431.300+/-1.502 χ^2/NDF : 1387181.8/28

Out: 7938.301+/-1.416 χ^2/NDF : 1780207.2/31

All: 8170.359+/-1.030 χ^2/NDF : 3224421.6/60

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496 $\pm$ 679.161 χ^2/NDF : 12.3/16

Left Out: 241.177 $\pm$ 613.185 χ^2/NDF : 16.7/12

Right Out: 2.515 $\pm$ 639.678 χ^2/NDF : 15.5/18

Left In: -247.639 $\pm$ 593.116 χ^2/NDF : 7.5/11

Left: -11.361 $\pm$ 426.315 χ^2/NDF : 24.5/24

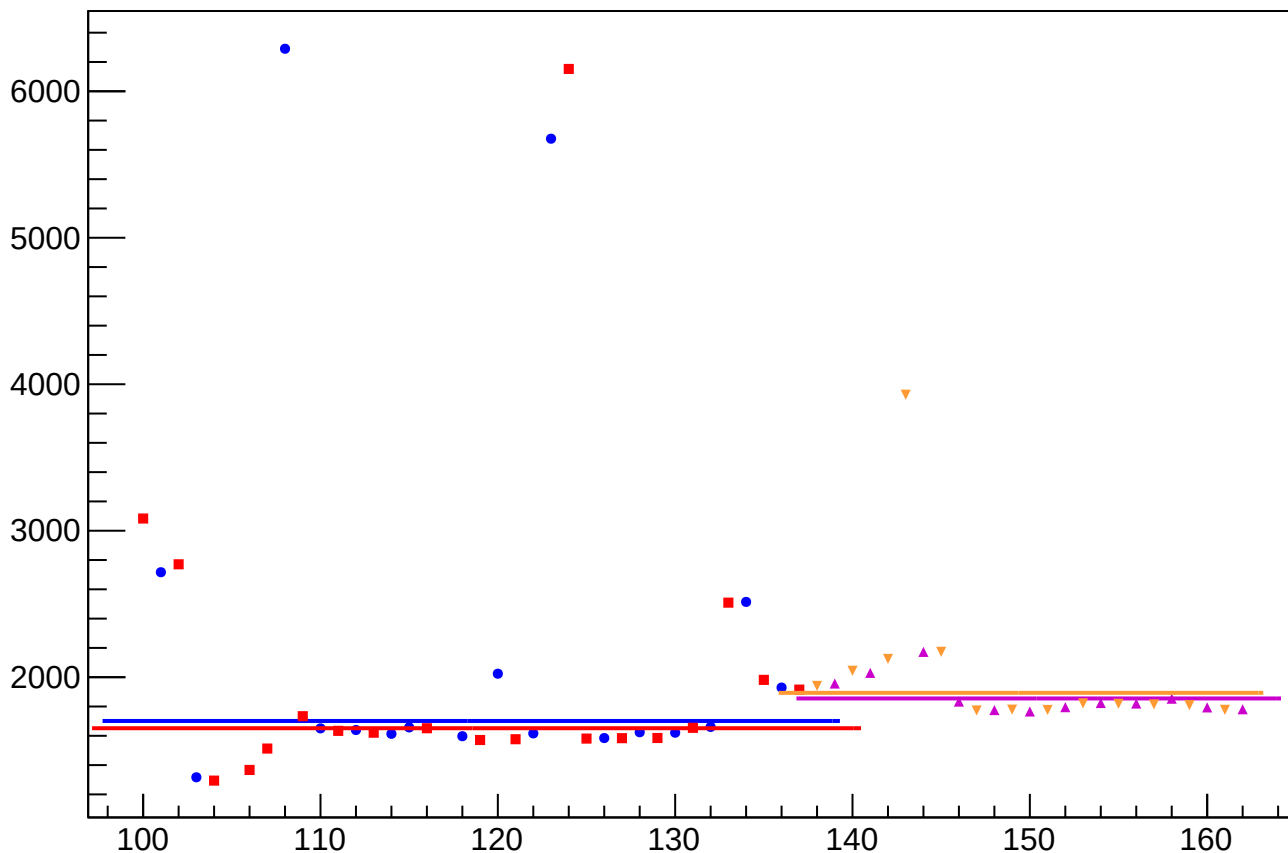
Right: -525.400 $\pm$ 465.654 χ^2/NDF : 29.2/35

In: -625.304 $\pm$ 446.740 χ^2/NDF : 20.7/28

Out: 126.890 $\pm$ 442.657 χ^2/NDF : 32.2/31

All: -245.754 $\pm$ 314.439 χ^2/NDF : 54.3/60

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1893.306 ± 0.434 $\chi^2/\text{NDF}: 440772.5/12$

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

Left In: 1854.944 ± 0.419 $\chi^2/\text{NDF}: 68748.3/11$

Left: 1873.487 ± 0.301 $\chi^2/\text{NDF}: 513565.0/24$

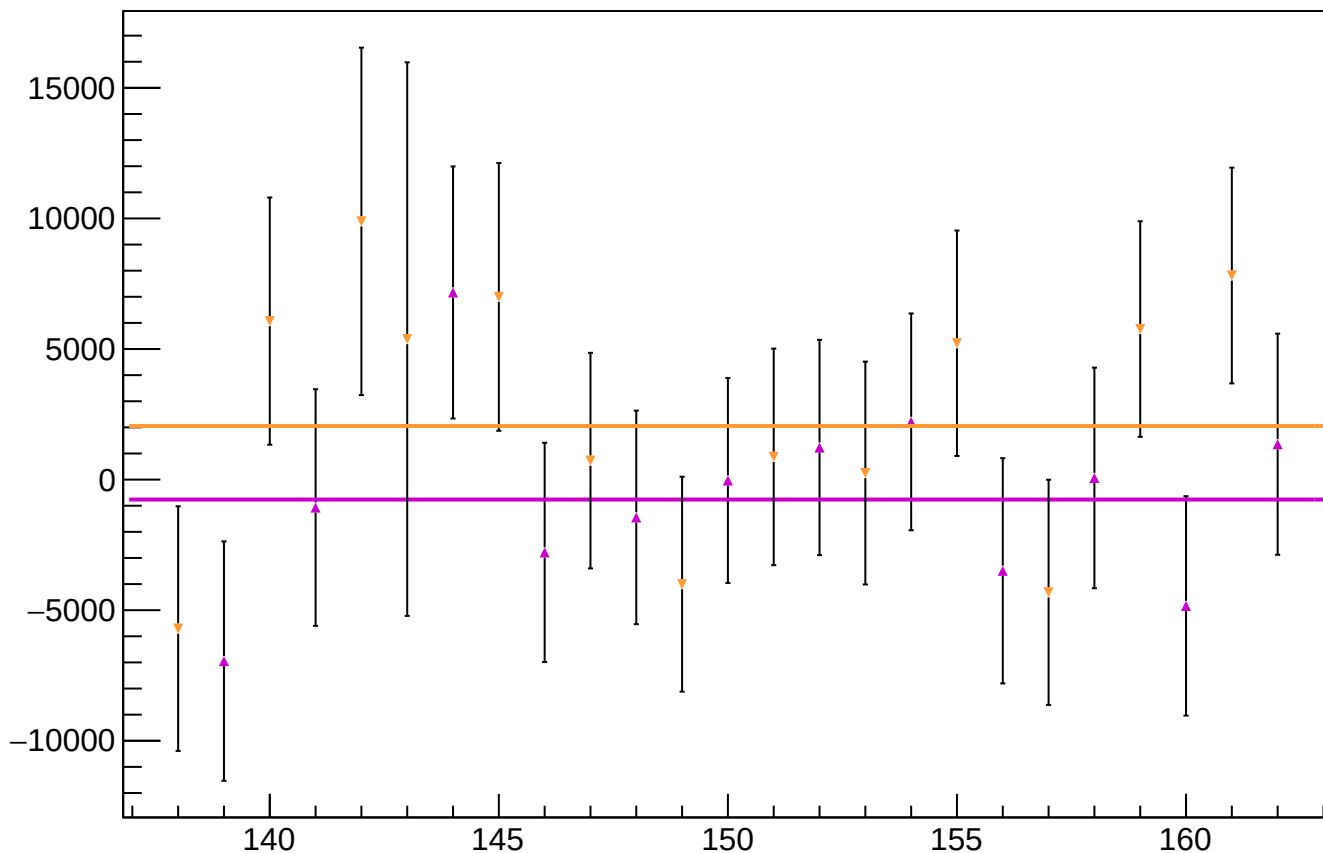
Right: 1675.026 ± 0.329 $\chi^2/\text{NDF}: 1373201.9/35$

In: 1788.458 ± 0.316 $\chi^2/\text{NDF}: 905549.7/28$

Out: 1777.626 ± 0.313 $\chi^2/\text{NDF}: 1178260.8/31$

All: 1782.992 ± 0.222 $\chi^2/\text{NDF}: 2084403.8/60$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2053.236+/-1274.737 χ^2/NDF :13.9/12

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

Left In: -763.530+/-1230.981 χ^2/NDF :7.2/11

Left: 595.680+/-885.500 χ^2/NDF : 23.6/24

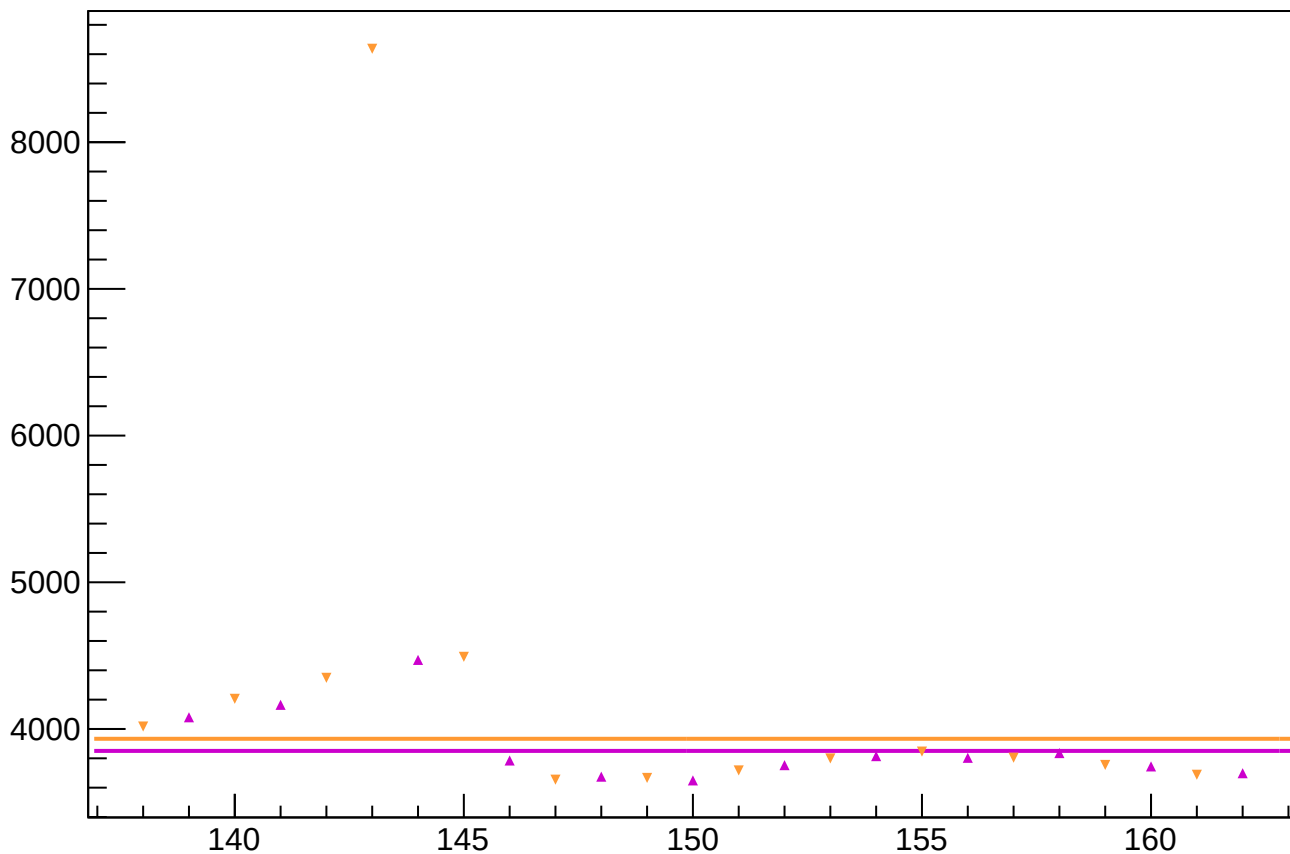
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -763.530+/-1230.981 χ^2/NDF :7.2/11

Out: 2053.236+/-1274.737 χ^2/NDF :13.9/12

All: 595.680+/-885.500 χ^2/NDF : 23.6/24

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3933.166+/-0.901 χ^2/NDF :471088.9/12

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

Left In: 3850.515+/-0.870 χ^2/NDF :62443.3/11

Left: 3890.398+/-0.626 χ^2/NDF : 537882.9/24

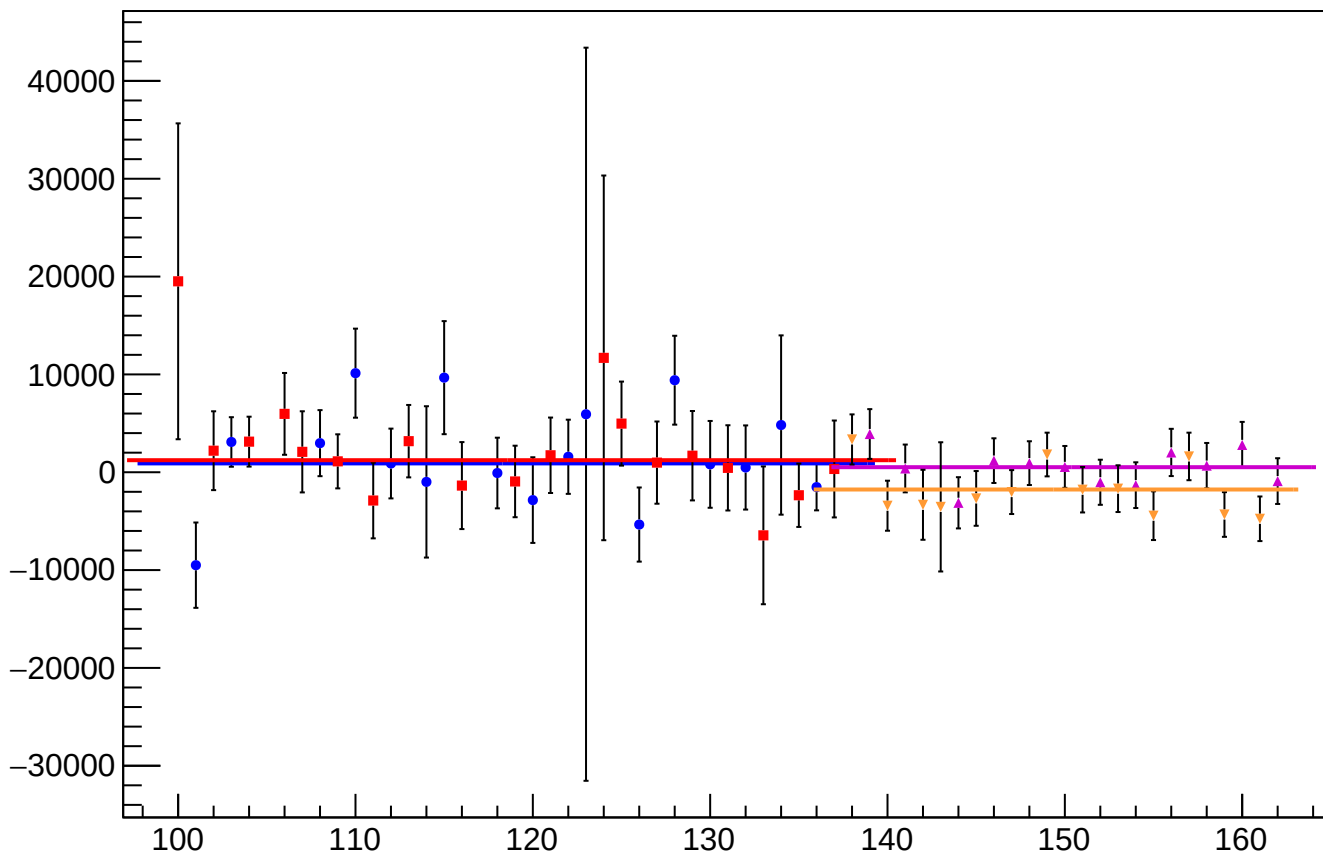
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3850.515+/-0.870 χ^2/NDF :62443.3/11

Out: 3933.166+/-0.901 χ^2/NDF :471088.9/12

All: 3890.398+/-0.626 χ^2/NDF : 537882.9/24

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274 ± 961.918 χ^2/NDF : 21.6/16

Left Out: -1764.419 ± 705.578 χ^2/NDF : 13.4/12

Right Out: 1231.015 ± 925.029 χ^2/NDF : 8.9/18

Left In: 517.229 ± 678.688 χ^2/NDF : 6.6/11

Left: -579.290 ± 489.135 χ^2/NDF : 25.5/24

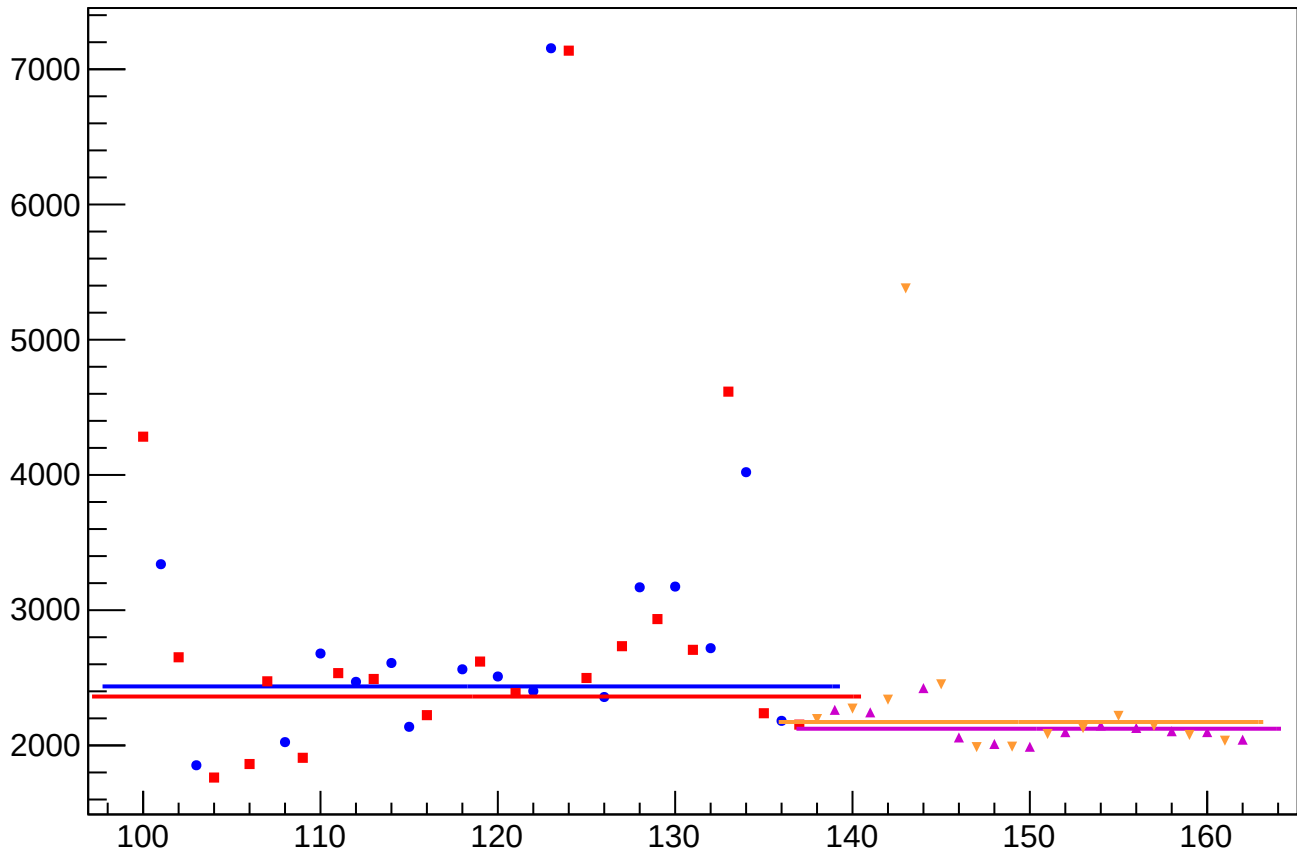
Right: 1073.549 ± 666.754 χ^2/NDF : 30.6/35

In: 645.534 ± 554.551 χ^2/NDF : 28.3/28

Out: -662.665 ± 561.007 χ^2/NDF : 29.0/31

All: -0.995 ± 394.389 χ^2/NDF : 60.0/60

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256 ± 0.680 $\chi^2/\text{NDF}: 468552.3/16$

Left Out: 2173.150 ± 0.499 $\chi^2/\text{NDF}: 541281.8/12$

Right Out: 2361.558 ± 0.654 $\chi^2/\text{NDF}: 655845.9/18$

Left In: 2123.355 ± 0.480 $\chi^2/\text{NDF}: 54940.2/11$

Left: 2147.286 ± 0.346 $\chi^2/\text{NDF}: 601396.2/24$

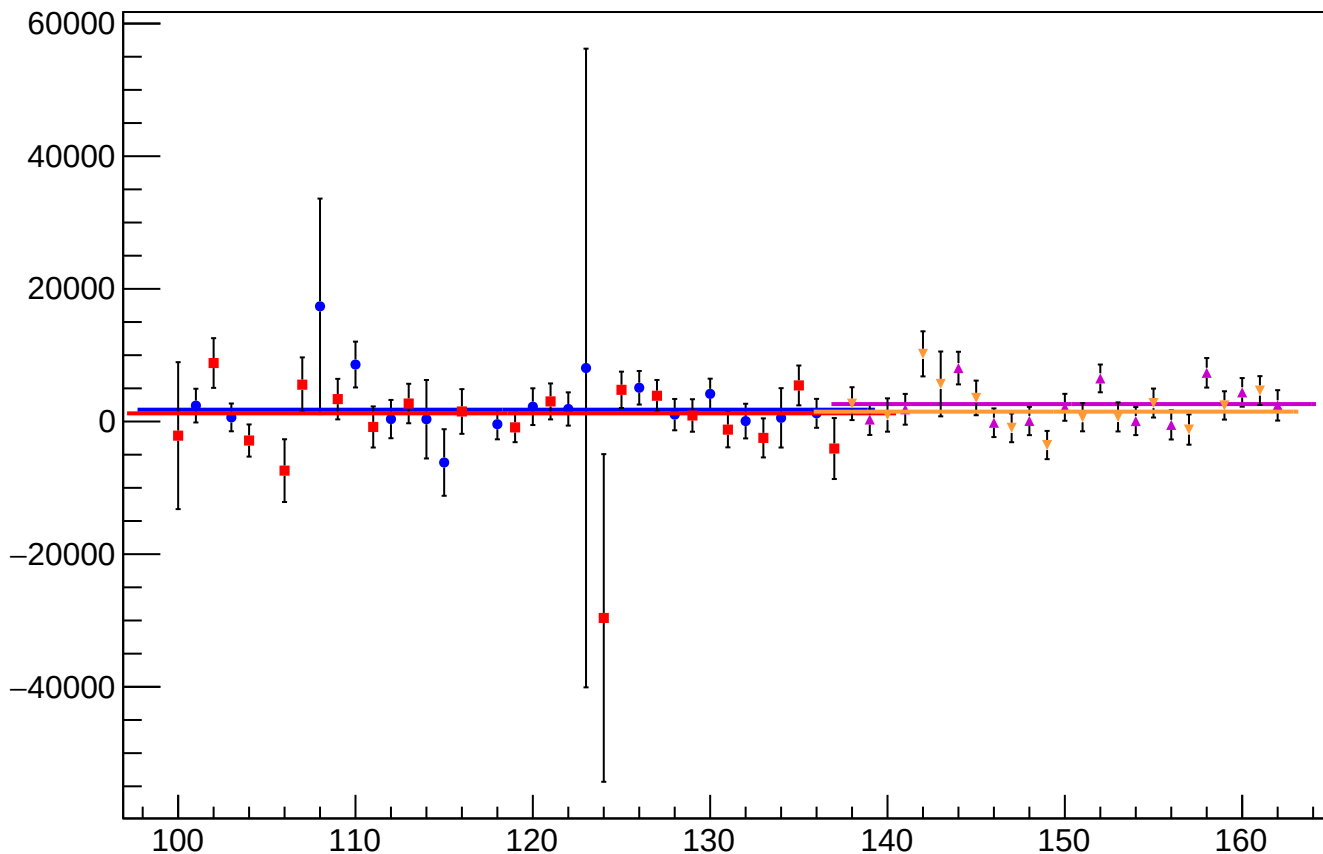
Right: 2397.448 ± 0.471 $\chi^2/\text{NDF}: 1130664.2/35$

In: 2227.351 ± 0.392 $\chi^2/\text{NDF}: 664783.3/28$

Out: 2242.449 ± 0.397 $\chi^2/\text{NDF}: 1249580.4/31$

All: 2234.813 ± 0.279 $\chi^2/\text{NDF}: 1915096.4/60$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505 $\pm$ 694.403 χ^2 /NDF: 12.4/16

Left Out: 1488.017 $\pm$ 660.608 χ^2 /NDF:19.4/12

Right Out: 1229.293 $\pm$ 708.144 χ^2 /NDF: 24.2/18

Left In: 2629.168 $\pm$ 635.512 χ^2 /NDF:21.2/11

Left: 2080.680 $\pm$ 457.990 χ^2 /NDF: 42.2/24

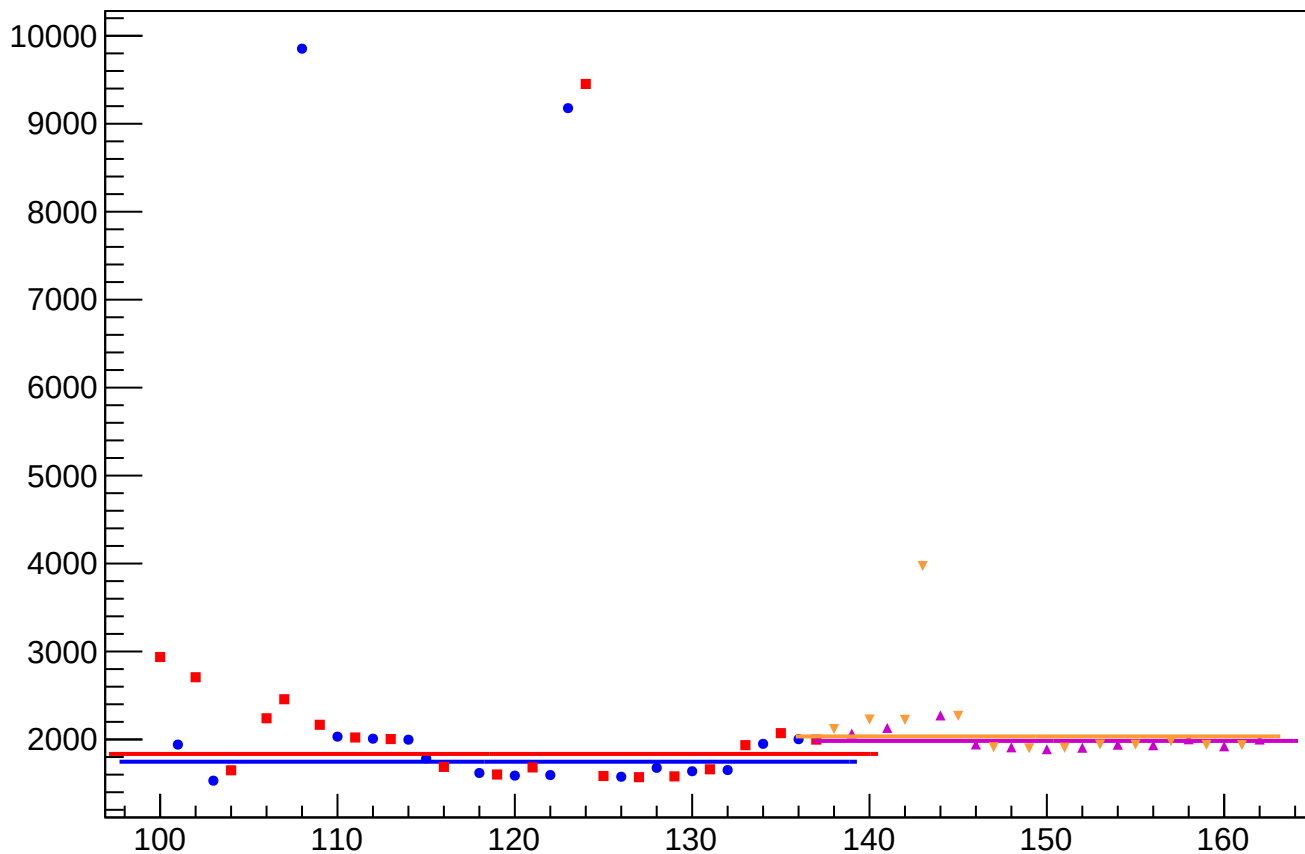
Right: 1511.828 $\pm$ 495.804 χ^2 /NDF: 37.0/35

In: 2243.711 $\pm$ 468.815 χ^2 /NDF:34.5/28

Out: 1367.630 $\pm$ 483.052 χ^2 /NDF:43.7/31

All: 1818.772 $\pm$ 336.423 χ^2 /NDF: 79.9/60

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2034.281+/-0.467 χ^2/NDF : 388620.2/12

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

Left In: 1983.378+/-0.449 χ^2/NDF : 52219.0/11

Left: 2007.844+/-0.324 χ^2/NDF : 447006.4/24

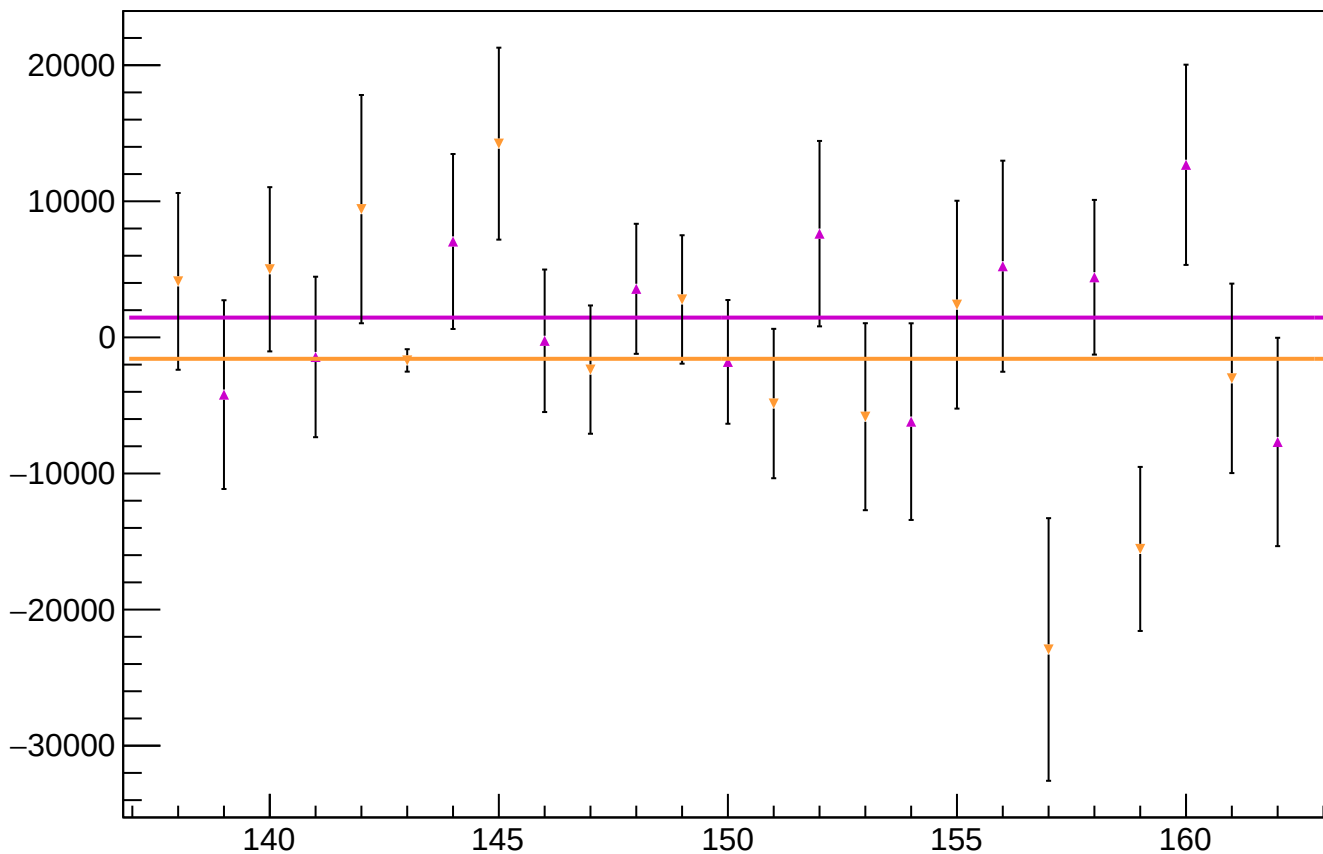
Right: 1790.310+/-0.350 χ^2/NDF : 1248859.1/35

In: 1875.561+/-0.332 χ^2/NDF : 860995.7/28

Out: 1941.627+/-0.341 χ^2/NDF : 1023467.5/31

All: 1907.624+/-0.238 χ^2/NDF : 1903738.9/60

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1573.388+/-750.040 χ^2/NDF :20.9/12

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

Left In: 1454.432+/-1750.625 χ^2/NDF :8.7/11

Left: -1103.794+/-689.428 χ^2/NDF : 32.1/24

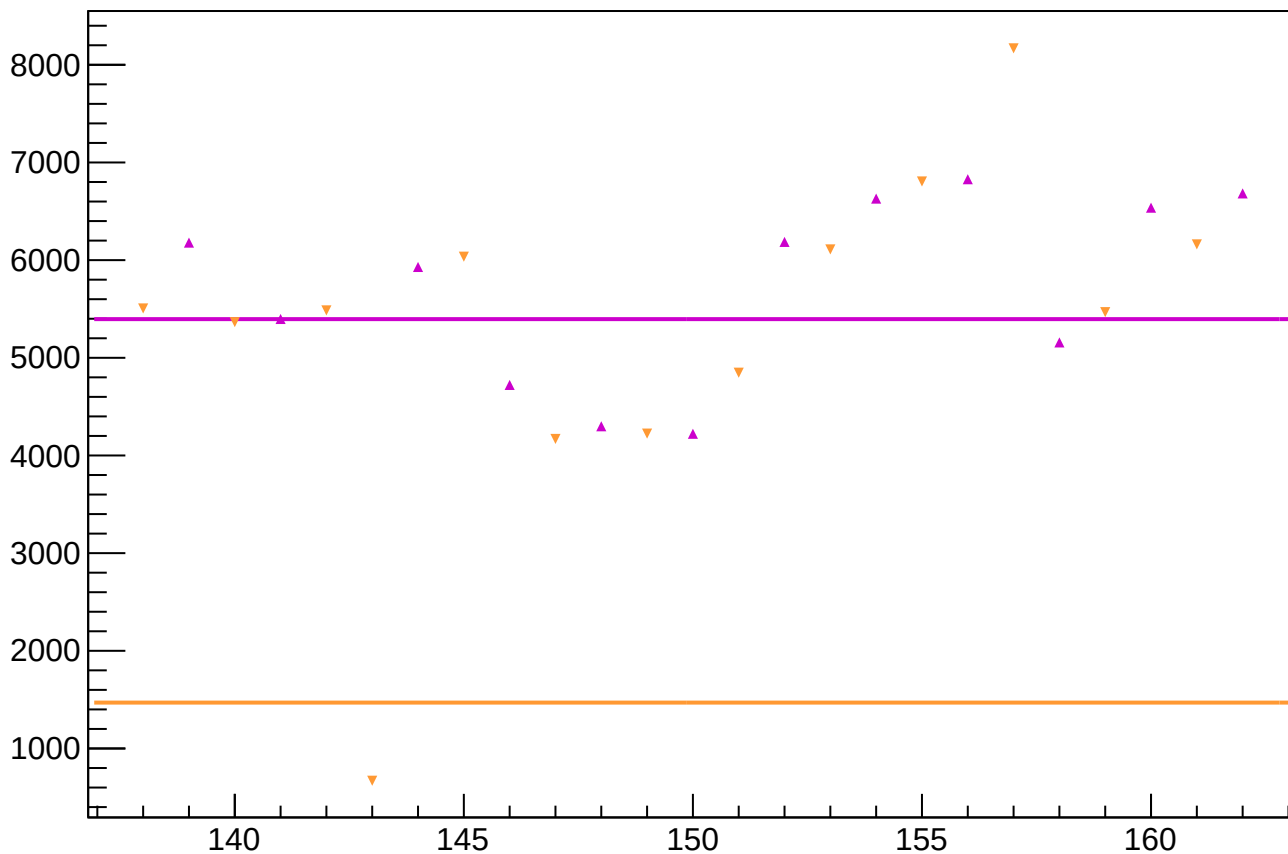
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1454.432+/-1750.625 χ^2/NDF :8.7/11

Out: -1573.388+/-750.040 χ^2/NDF :20.9/12

All: -1103.794+/-689.428 χ^2/NDF : 32.1/24

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1469.906+/-0.530 χ^2/NDF :11523578.8/12

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

Left In: 5396.063+/-1.238 χ^2/NDF :572969.8/11

Left: 2078.826+/-0.487 χ^2/NDF : 20595943.6/24

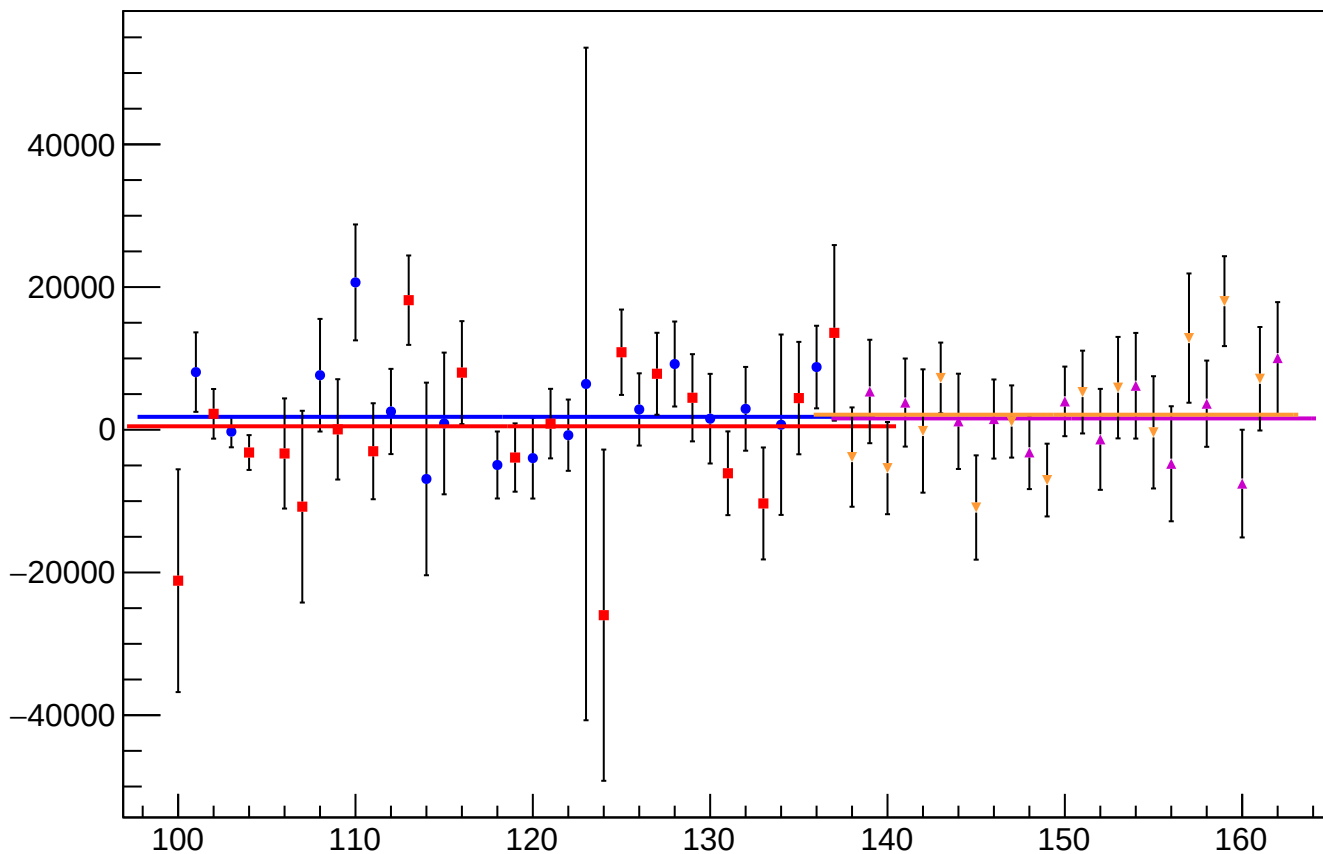
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5396.063+/-1.238 χ^2/NDF :572969.8/11

Out: 1469.906+/-0.530 χ^2/NDF :11523578.8/12

All: 2078.826+/-0.487 χ^2/NDF : 20595943.6/24

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2115.154+/-1776.382 χ^2/NDF : 18.6/12

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

Left In: 1590.875+/-1841.596 χ^2/NDF : 5.4/11

Left: 1862.462+/-1278.525 χ^2/NDF : 24.1/24

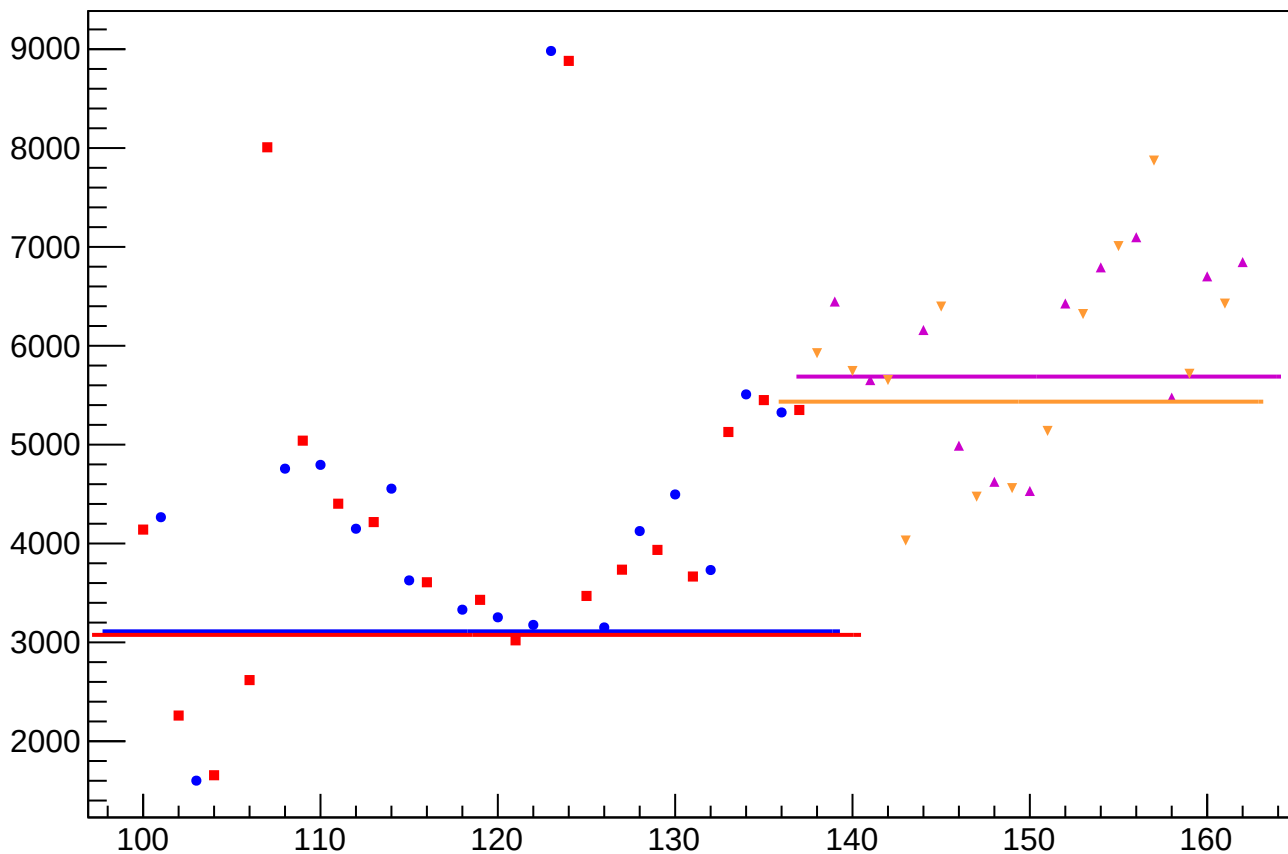
Right: 1143.505+/-914.731 χ^2/NDF : 42.0/35

In: 1739.871+/-1062.760 χ^2/NDF : 20.4/28

Out: 1047.812+/-1041.721 χ^2/NDF : 45.6/31

All: 1386.924+/-743.935 χ^2/NDF : 66.3/60

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5434.768 $\pm$ 1.256 χ^2 /NDF: 644415.7/12

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

Left In: 5688.319 $\pm$ 1.302 χ^2 /NDF: 471511.9/11

Left: 5556.975 $\pm$ 0.904 χ^2 /NDF: 1135566.6/24

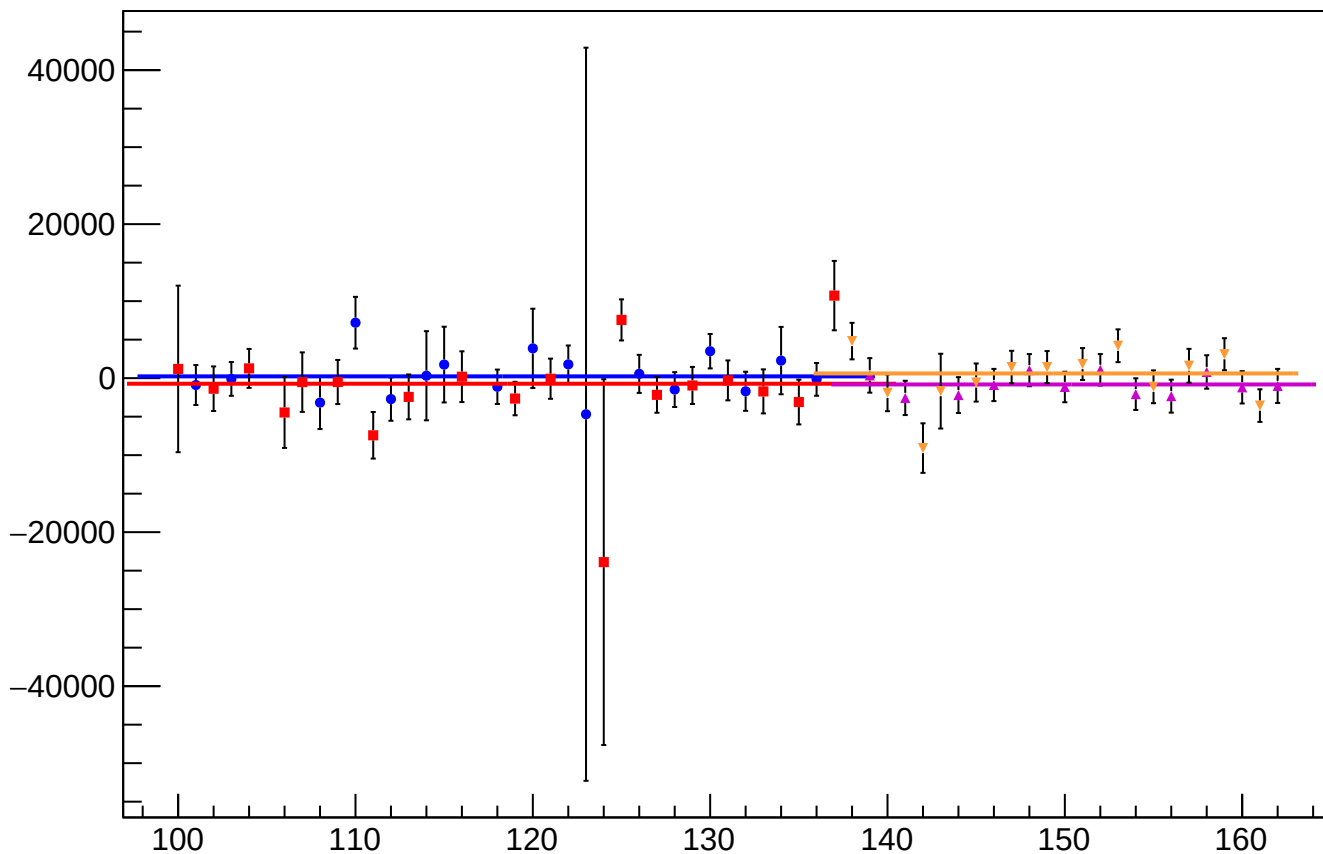
Right: 3093.209 $\pm$ 0.642 χ^2 /NDF: 3889323.9/35

In: 3969.689 $\pm$ 0.751 χ^2 /NDF: 4962051.0/28

Out: 3871.596 $\pm$ 0.730 χ^2 /NDF: 4991121.5/31

All: 3919.191 $\pm$ 0.523 χ^2 /NDF: 9961943.9/60

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 610.952+/-639.426 χ^2/NDF : 23.5/12

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

Left In: -817.710+/-616.056 χ^2/NDF : 4.4/11

Left: -129.963+/-443.649 χ^2/NDF : 30.5/24

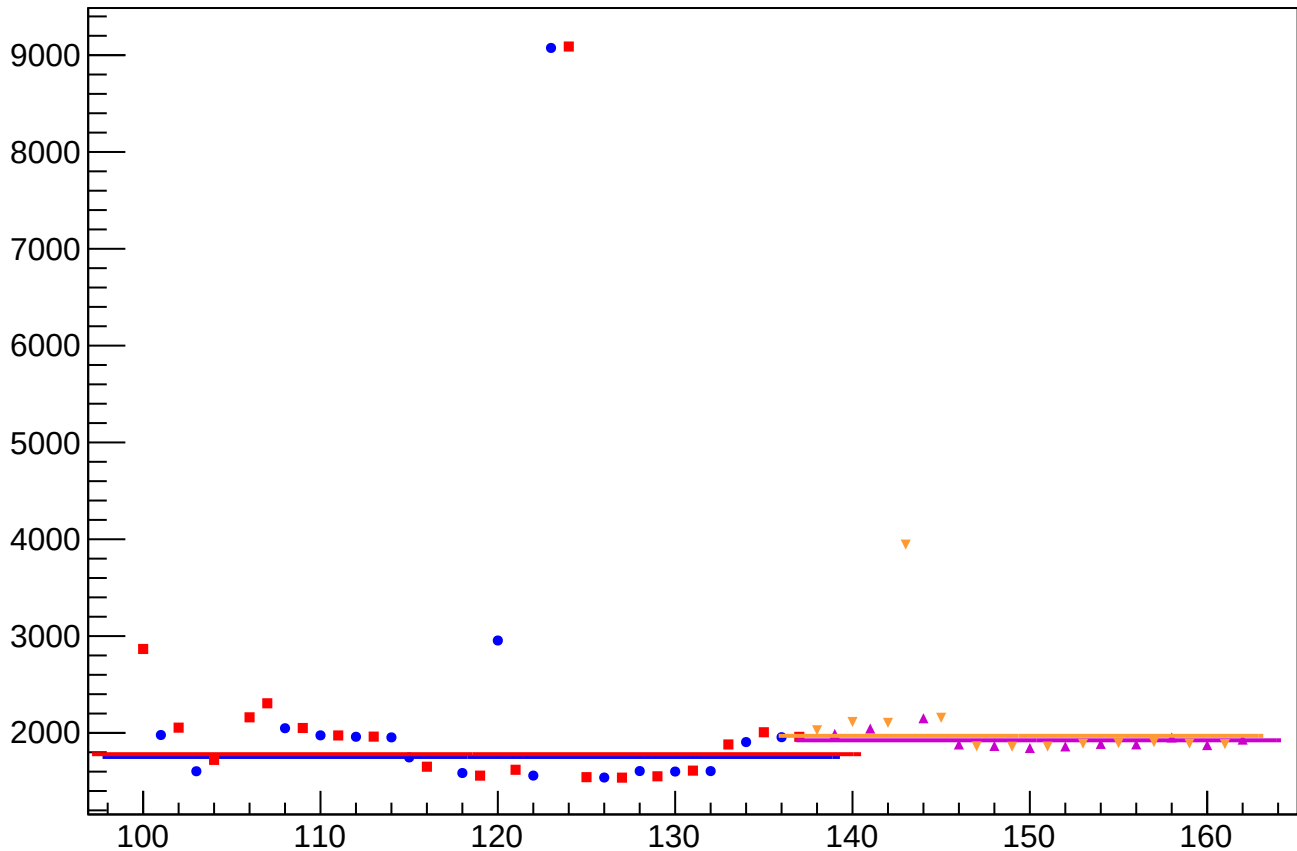
Right: -248.748+/-484.705 χ^2/NDF : 38.3/35

In: -349.531+/-458.591 χ^2/NDF : 17.2/28

Out: -12.454+/-467.162 χ^2/NDF : 51.3/31

All: -184.113+/-327.261 χ^2/NDF : 68.8/60

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1969.820+/-0.452 χ^2/NDF : 384409.9/12

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

Left In: 1923.629+/-0.436 χ^2/NDF : 37343.6/11

Left: 1945.865+/-0.314 χ^2/NDF : 427166.2/24

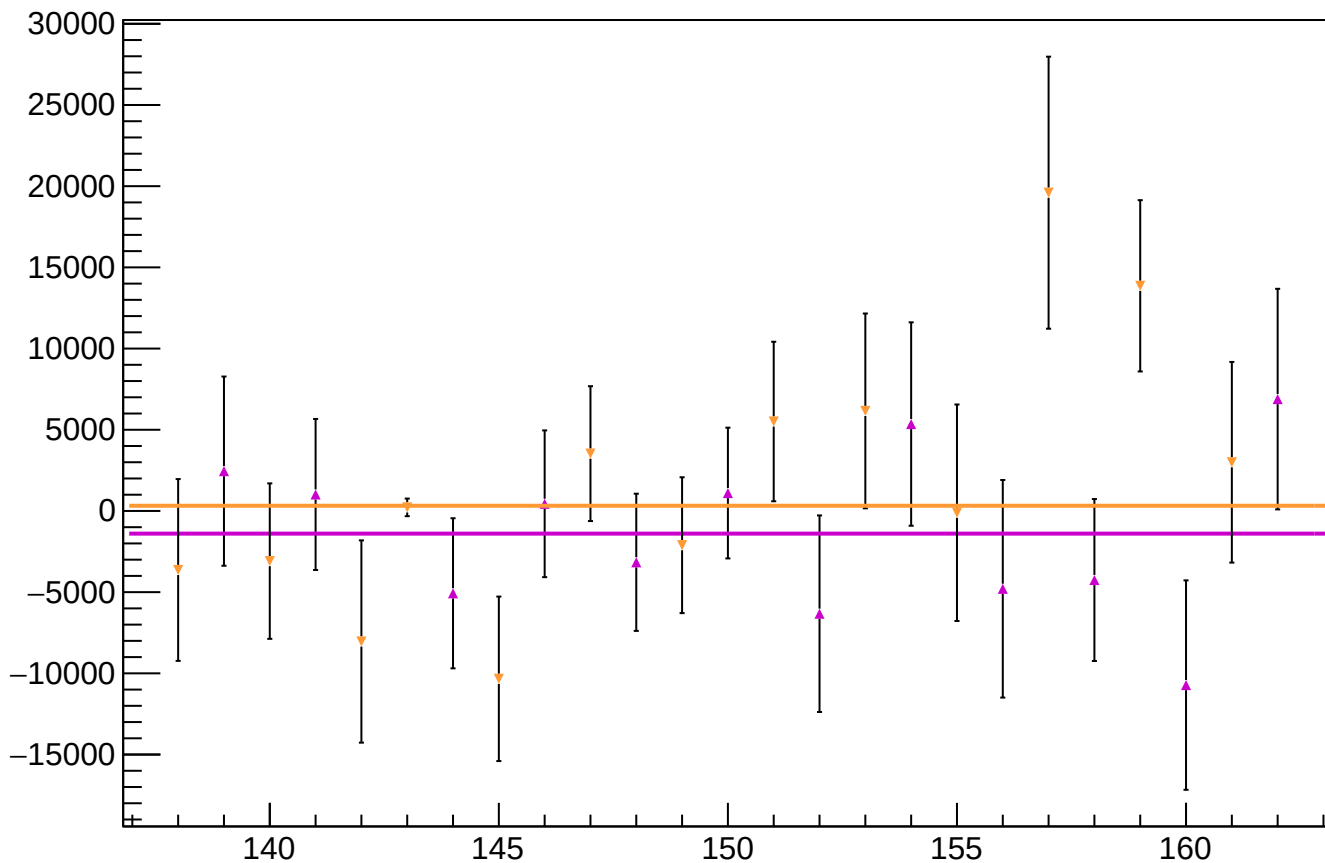
Right: 1766.106+/-0.342 χ^2/NDF : 730940.0/35

In: 1847.038+/-0.324 χ^2/NDF : 407574.2/28

Out: 1881.268+/-0.330 χ^2/NDF : 894869.7/31

All: 1863.849+/-0.231 χ^2/NDF : 1307916.4/60

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 320.724+/-511.904 χ^2/NDF :22.4/12

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

Left In: -1395.811+/-1490.334 χ^2/NDF :8.1/11

Left: 139.578+/-484.141 χ^2/NDF : 31.6/24

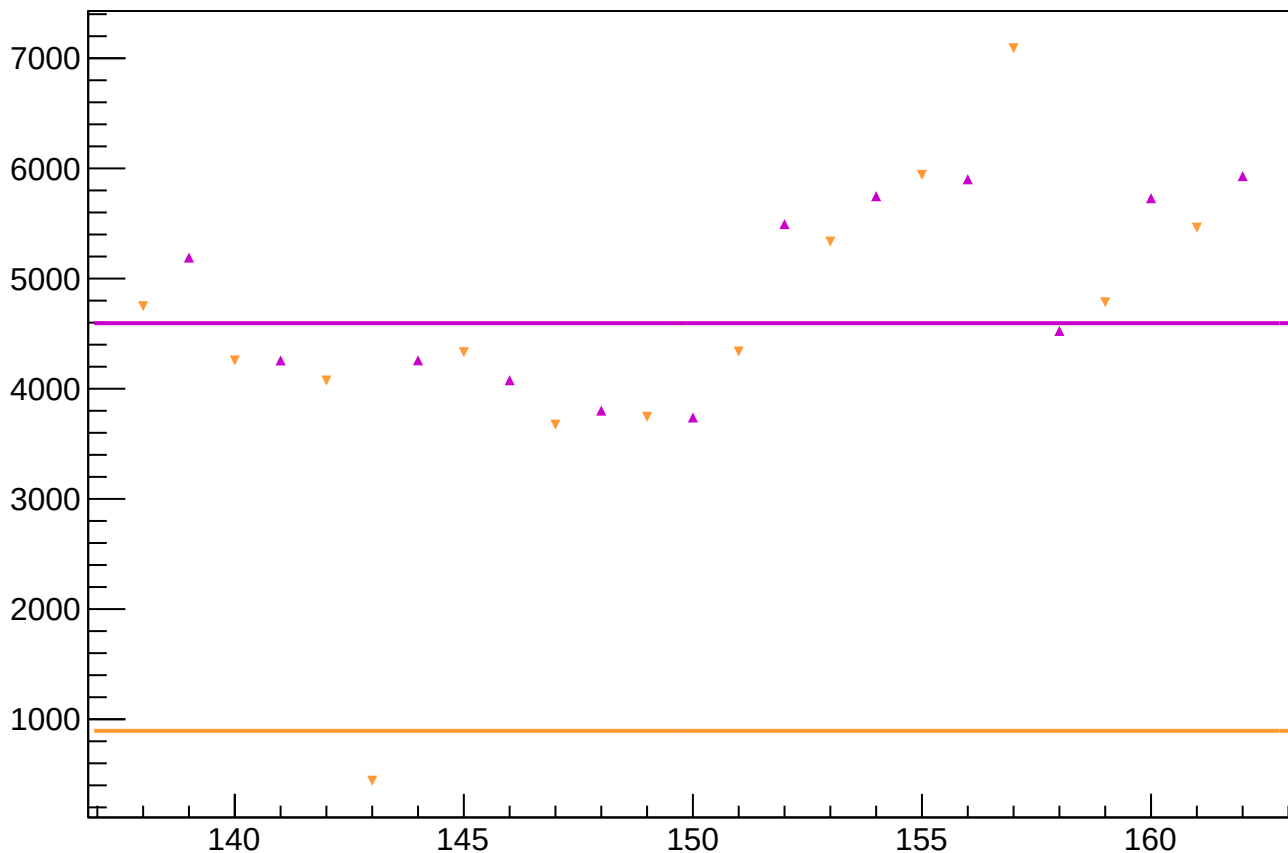
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1395.811+/-1490.334 χ^2/NDF :8.1/11

Out: 320.724+/-511.904 χ^2/NDF :22.4/12

All: 139.578+/-484.141 χ^2/NDF : 31.6/24

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 894.798+/-0.362 χ^2/NDF :13092922.0/12

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

Left In: 4595.214+/-1.054 χ^2/NDF :556774.9/11

Left: 1285.303+/-0.342 χ^2/NDF : 24678538.3/24

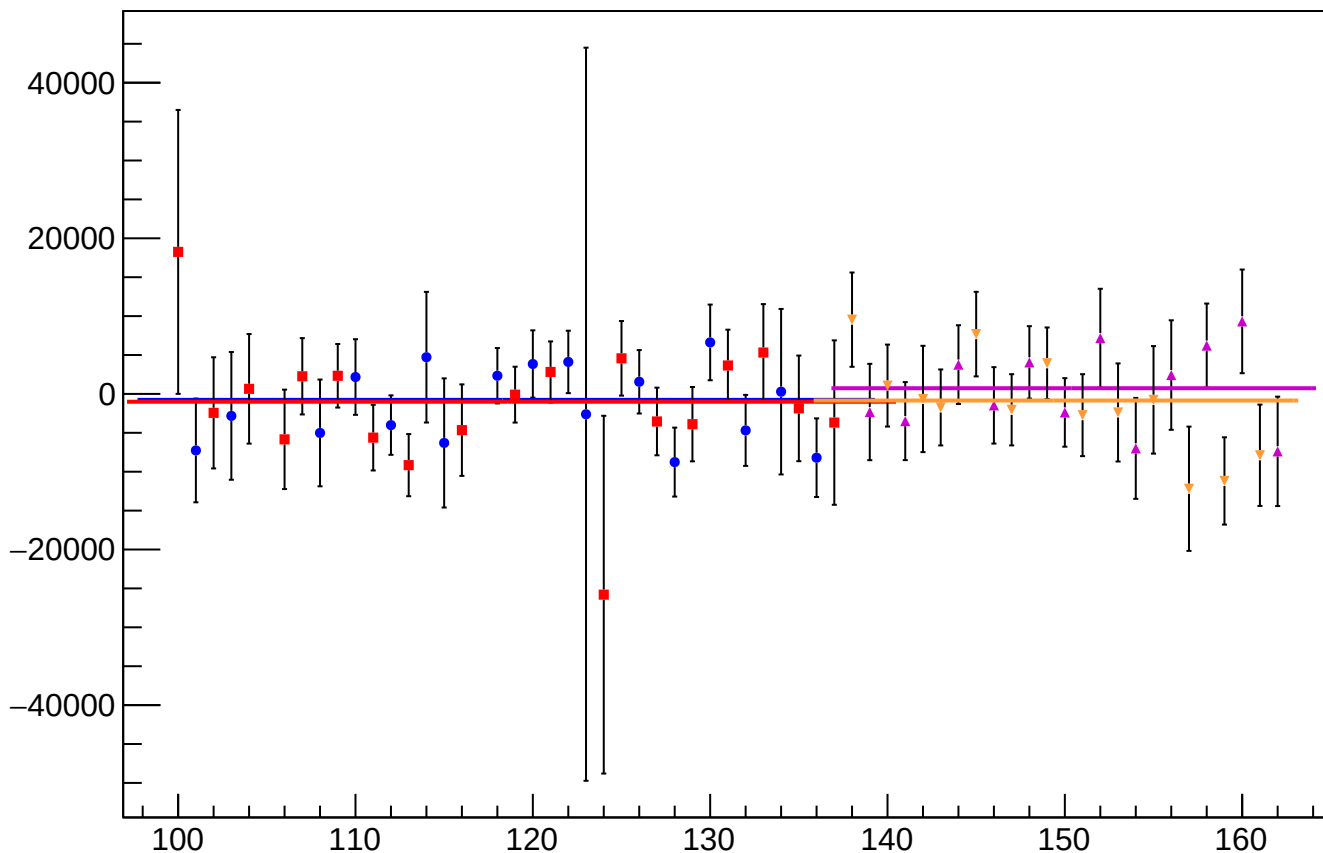
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4595.214+/-1.054 χ^2/NDF :556774.9/11

Out: 894.798+/-0.362 χ^2/NDF :13092922.0/12

All: 1285.303+/-0.342 χ^2/NDF : 24678538.3/24

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -847.918+/-1564.241 χ^2/NDF : 13.5/12

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

Left In: 731.061+/-1601.556 χ^2/NDF : 9.1/11

Left: -77.037+/-1119.045 χ^2/NDF : 23.0/24

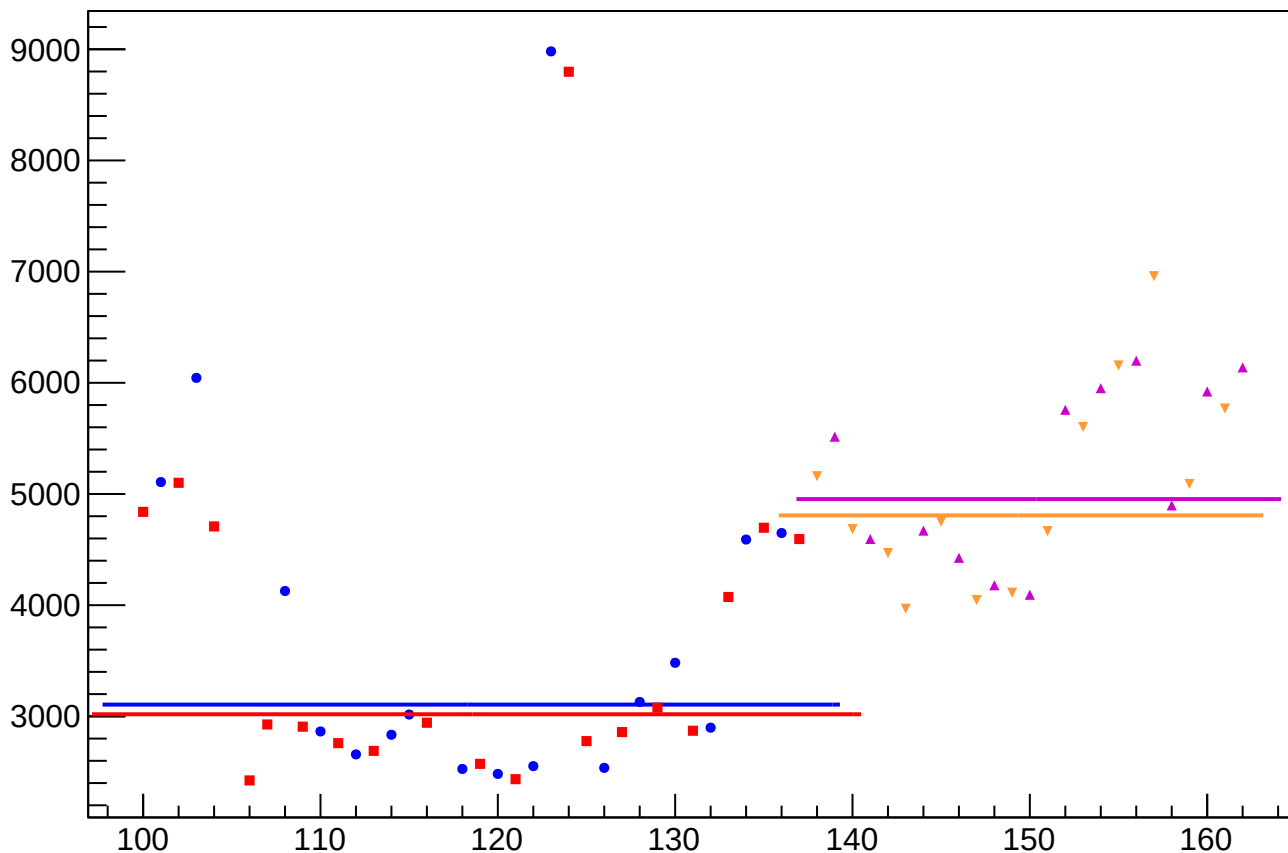
Right: -890.508+/-861.557 χ^2/NDF : 30.6/35

In: -200.012+/-984.267 χ^2/NDF : 25.1/28

Out: -947.216+/-947.652 χ^2/NDF : 28.5/31

All: -587.770+/-682.669 χ^2/NDF : 53.9/60

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849 $\pm$ 0.882 χ^2/NDF : 959826.4/16

Left Out: 4807.598 $\pm$ 1.106 χ^2/NDF : 476433.0/12

Right Out: 3018.781 $\pm$ 0.832 χ^2/NDF : 794275.0/18

Left In: 4954.165 $\pm$ 1.132 χ^2/NDF : 429069.4/11

Left: 4879.154 $\pm$ 0.791 χ^2/NDF : 914074.9/24

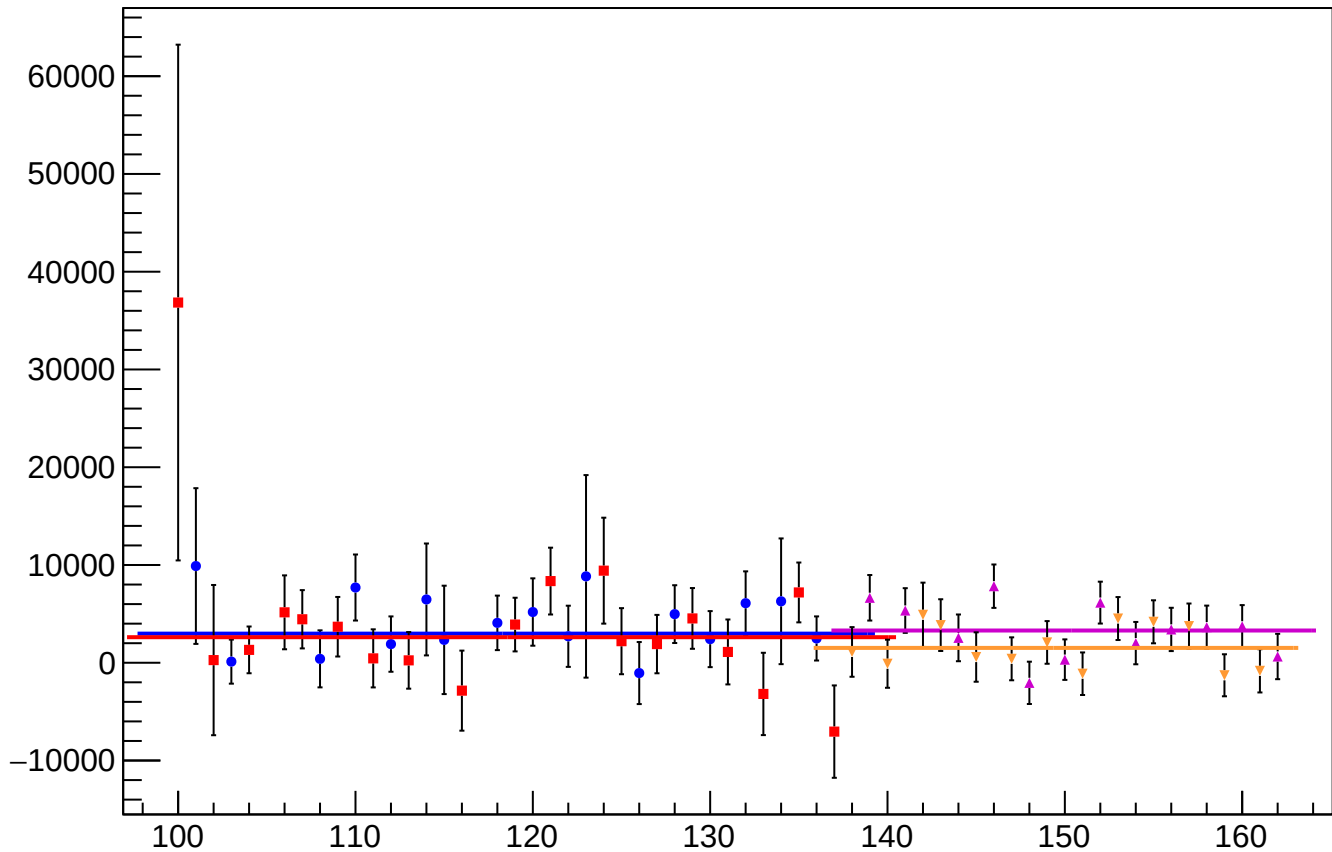
Right: 3059.752 $\pm$ 0.605 χ^2/NDF : 1759257.8/35

In: 3803.946 $\pm$ 0.696 χ^2/NDF : 3046582.8/28

Out: 3664.933 $\pm$ 0.665 χ^2/NDF : 2941442.6/31

All: 3731.253 $\pm$ 0.481 χ^2/NDF : 6008887.4/60

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445+/-795.398 χ^2/NDF : 9.9/16

Left Out: 1519.074+/-650.544 χ^2/NDF : 11.3/12

Right Out: 2613.881+/-783.228 χ^2/NDF : 19.6/18

Left In: 3298.406+/-640.141 χ^2/NDF : 18.8/11

Left: 2423.081+/-456.282 χ^2/NDF : 34.0/24

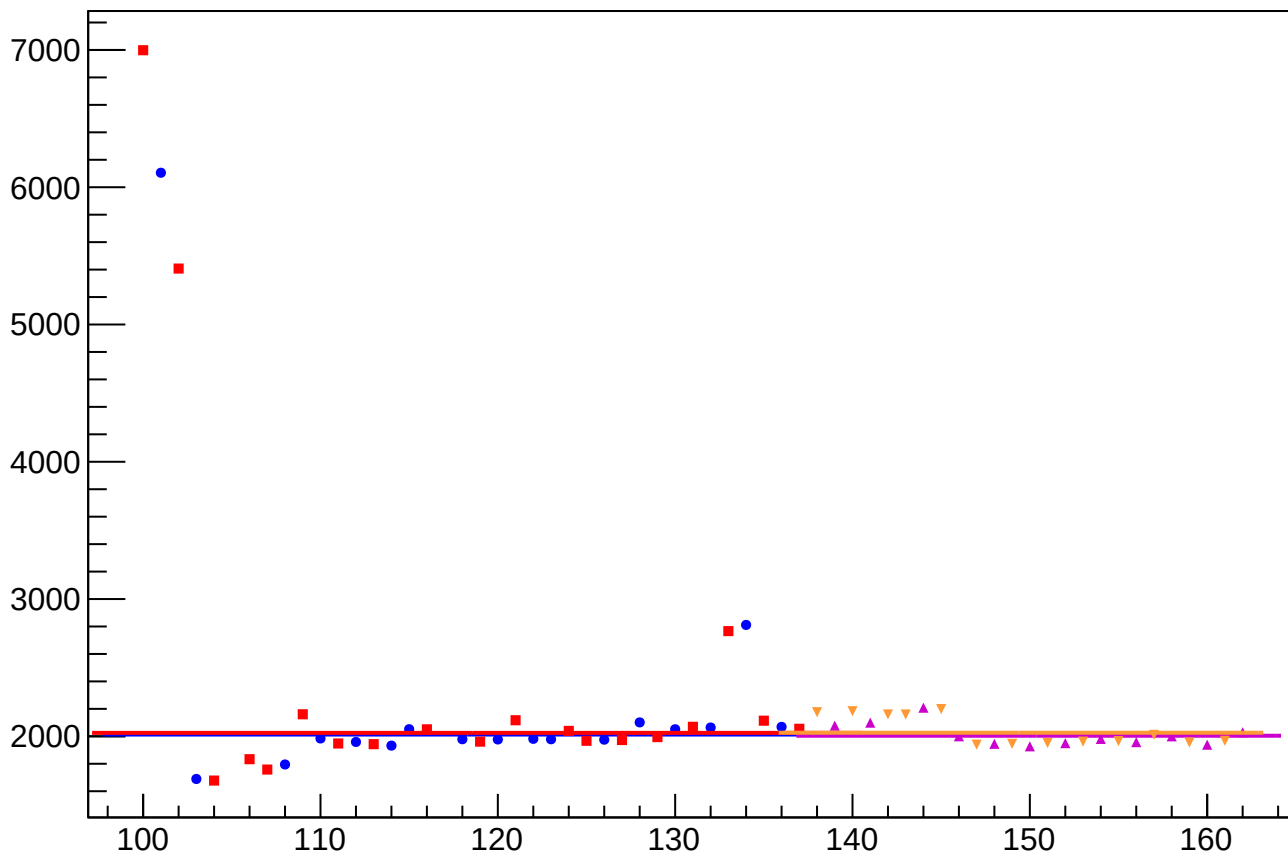
Right: 2793.353+/-558.079 χ^2/NDF : 29.6/35

In: 3172.630+/-498.695 χ^2/NDF : 28.8/28

Out: 1966.023+/-500.435 χ^2/NDF : 32.1/31

All: 2571.429+/-353.244 χ^2/NDF : 63.8/60

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945+/-0.562 χ^2/NDF : 617707.4/16

Left Out: 2026.215+/-0.460 χ^2/NDF : 47913.9/12

Right Out: 2025.070+/-0.554 χ^2/NDF : 597422.5/18

Left In: 2004.194+/-0.453 χ^2/NDF : 28783.2/11

Left: 2015.027+/-0.323 χ^2/NDF : 77861.3/24

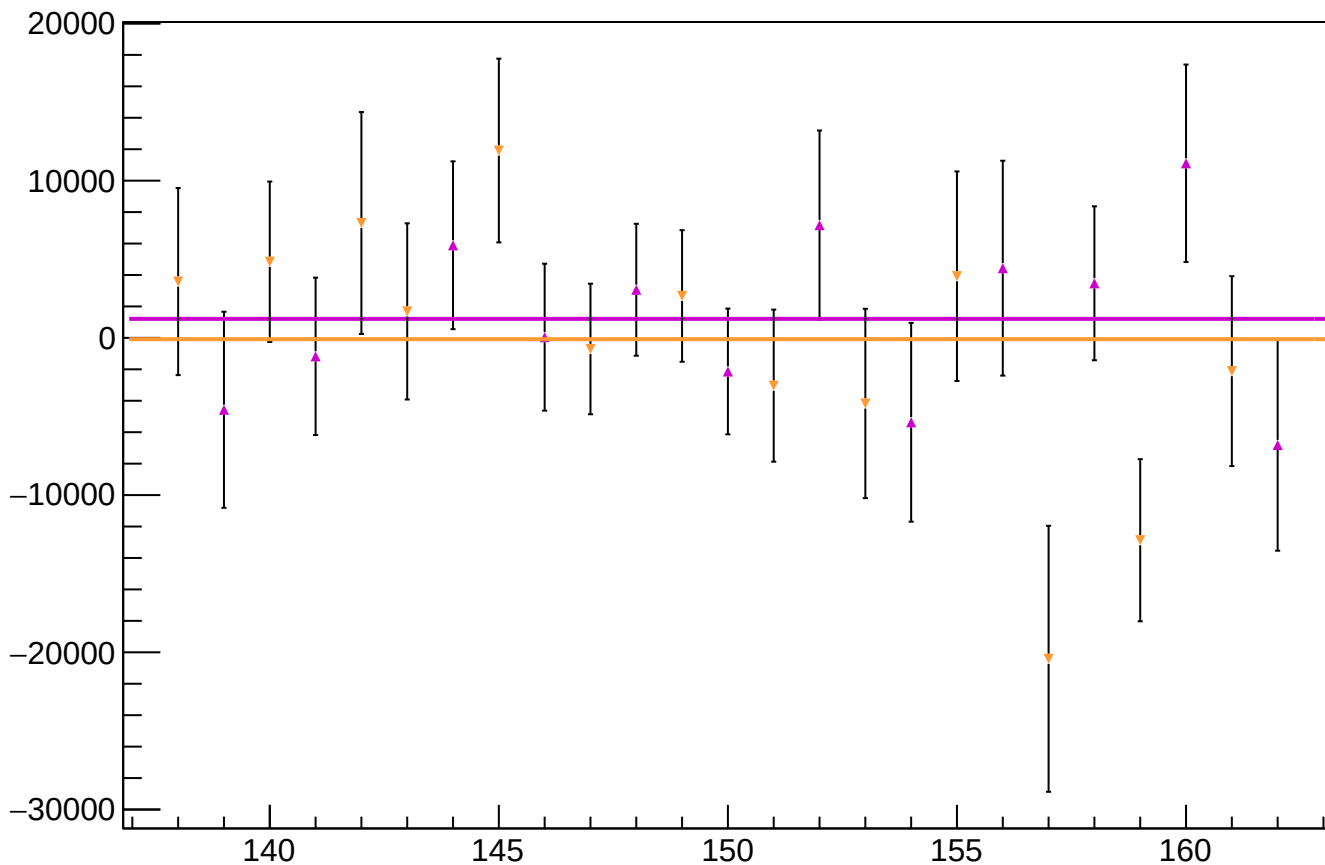
Right: 2019.103+/-0.395 χ^2/NDF : 1215366.0/35

In: 2007.634+/-0.353 χ^2/NDF : 646637.5/28

Out: 2025.747+/-0.354 χ^2/NDF : 645339.0/31

All: 2016.660+/-0.250 χ^2/NDF : 1293291.2/60

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -83.377+/-1516.526 χ^2/NDF :20.4/12

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

Left In: 1210.121+/-1526.726 χ^2/NDF :9.2/11

Left: 559.036+/-1075.934 χ^2/NDF : 30.0/24

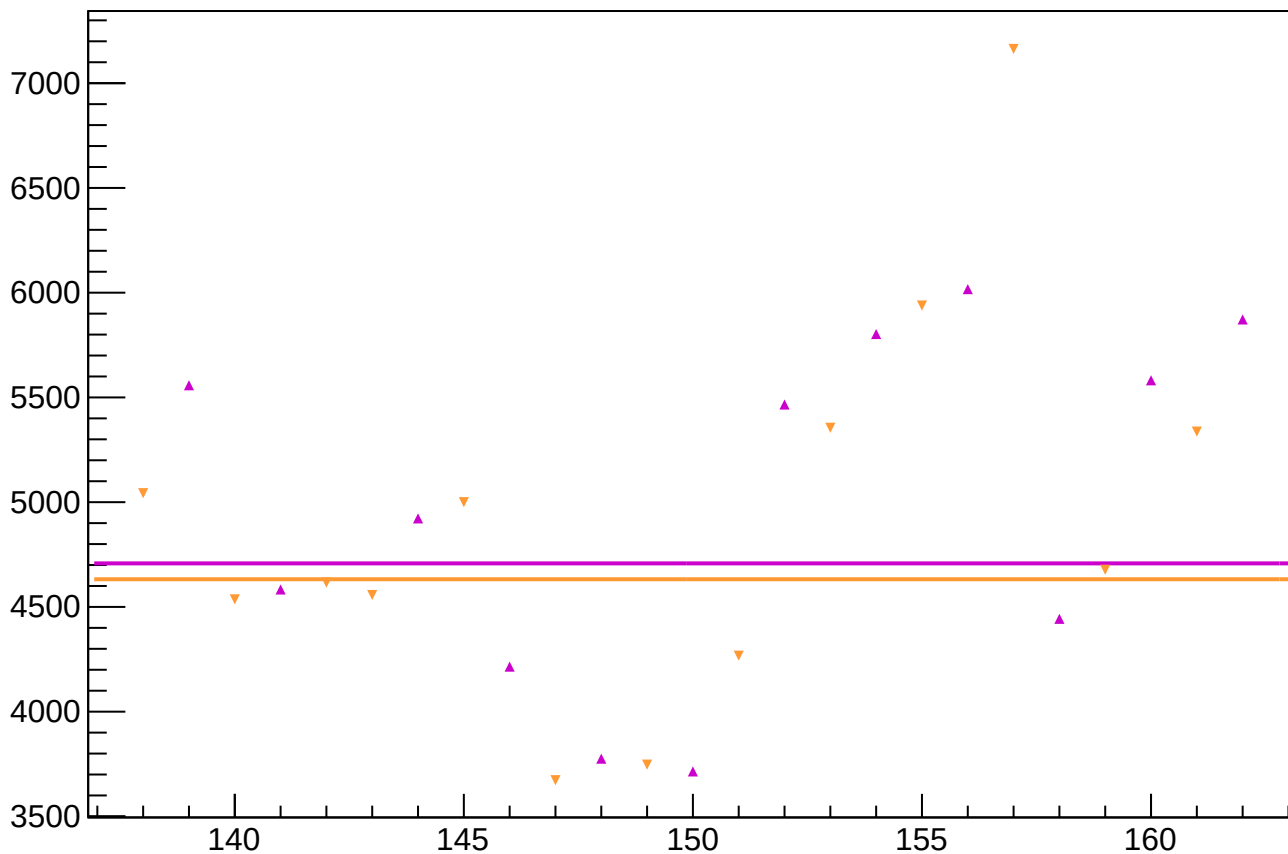
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1210.121+/-1526.726 χ^2/NDF :9.2/11

Out: -83.377+/-1516.526 χ^2/NDF :20.4/12

All: 559.036+/-1075.934 χ^2/NDF : 30.0/24

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Left: 4669.729 +/- 0.761 χ^2/NDF : 1096233.6/24

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

In: 4707.865 +/- 1.080 χ^2/NDF : 555536.2/11

Out: 4632.102 +/- 1.072 χ^2/NDF : 538218.4/12

All: 4669.729 +/- 0.761 χ^2/NDF : 1096233.6/24

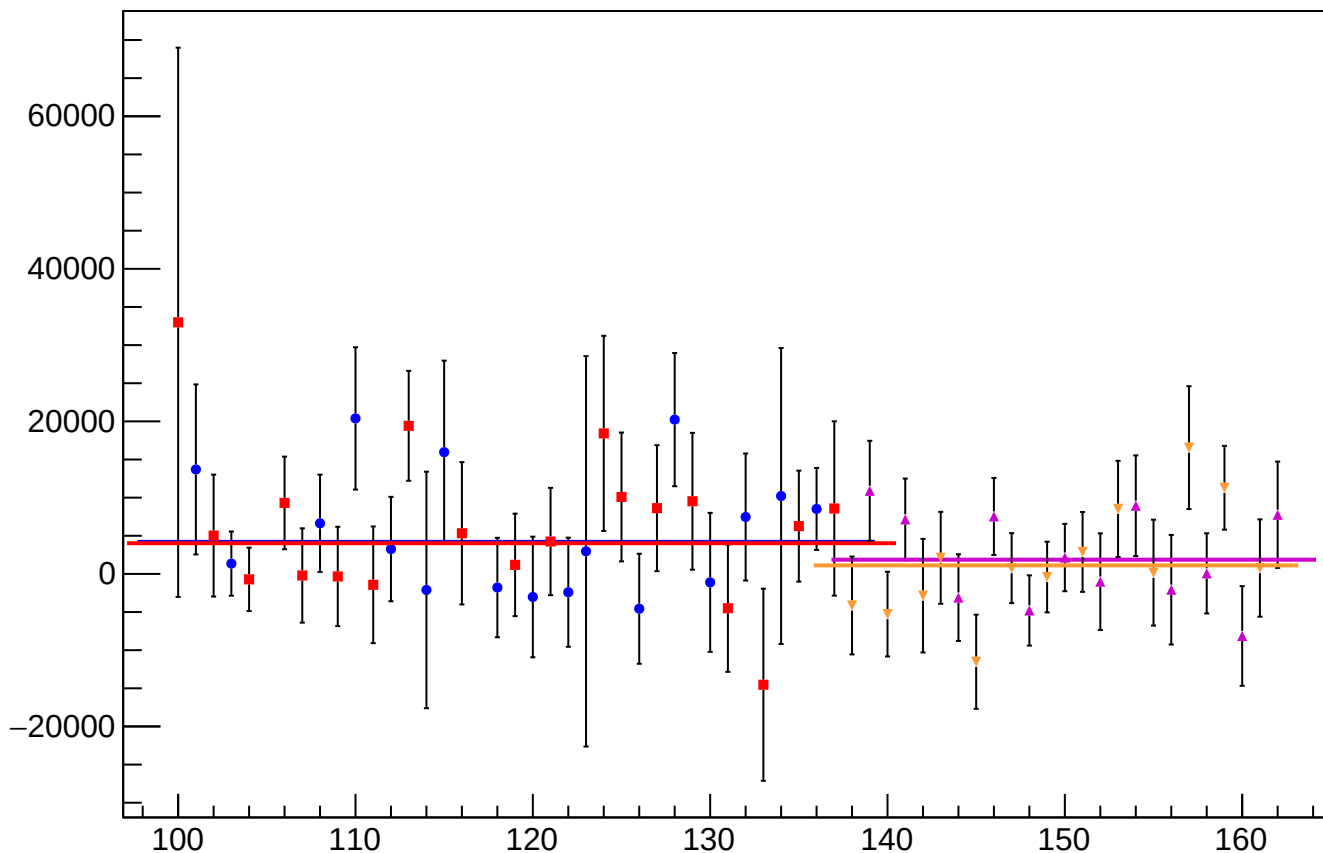
Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: 4632.102 +/- 1.072 χ^2/NDF : 538218.4/12

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

Left In: 4707.865 +/- 1.080 χ^2/NDF : 555536.2/11

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1117.535+/-1626.507 χ^2/NDF : 15.2/12

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

Left In: 1864.484+/-1634.632 χ^2/NDF : 11.8/11

Left: 1489.148+/-1152.976 χ^2/NDF : 27.1/24

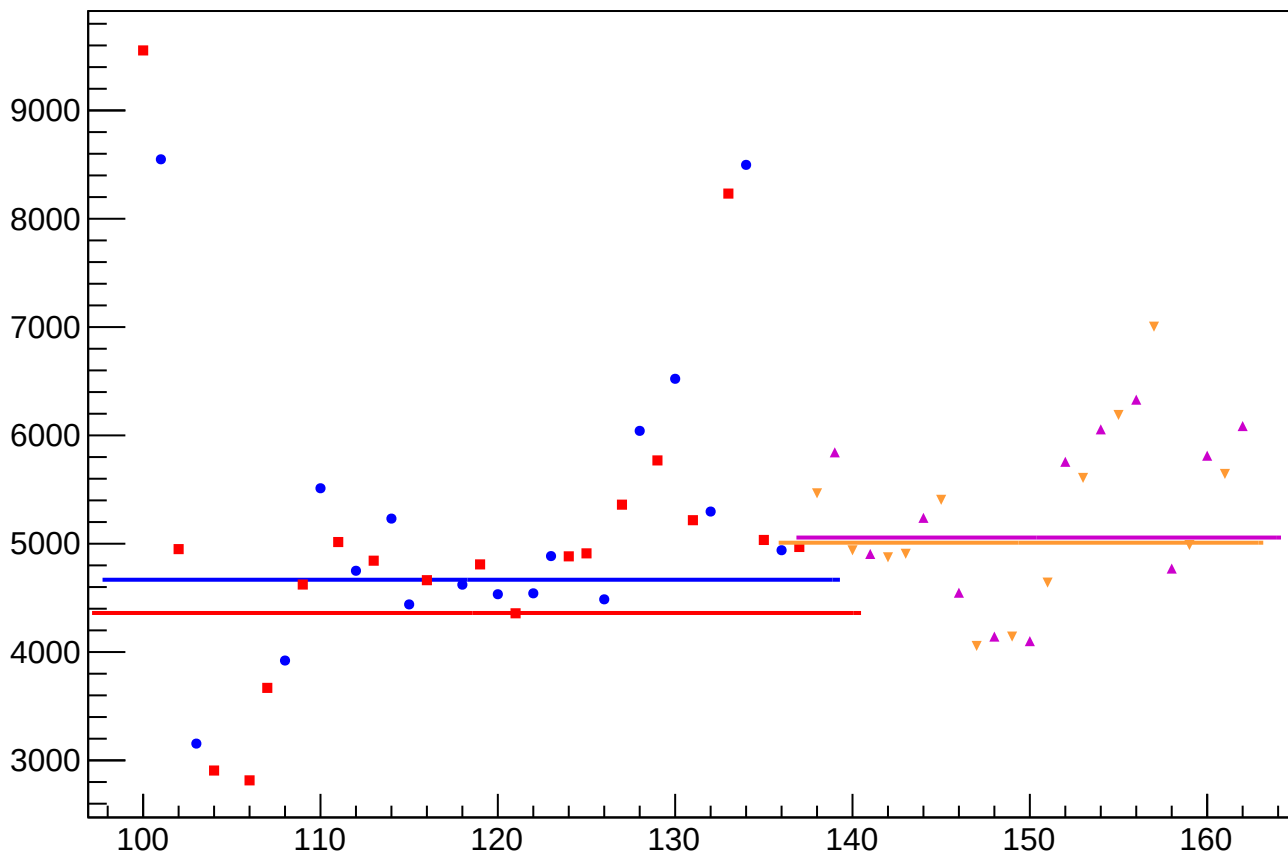
Right: 4104.755+/-1264.177 χ^2/NDF : 29.0/35

In: 2883.070+/-1227.217 χ^2/NDF : 26.8/28

Out: 2485.120+/-1183.463 χ^2/NDF : 31.6/31

All: 2676.875+/-851.883 χ^2/NDF : 58.4/60

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5009.327 $\pm$ 1.150 χ^2/NDF : 404213.1/12

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

Left In: 5056.963 $\pm$ 1.156 χ^2/NDF : 434697.4/11

Left: 5033.026 $\pm$ 0.815 χ^2/NDF : 839763.9/24

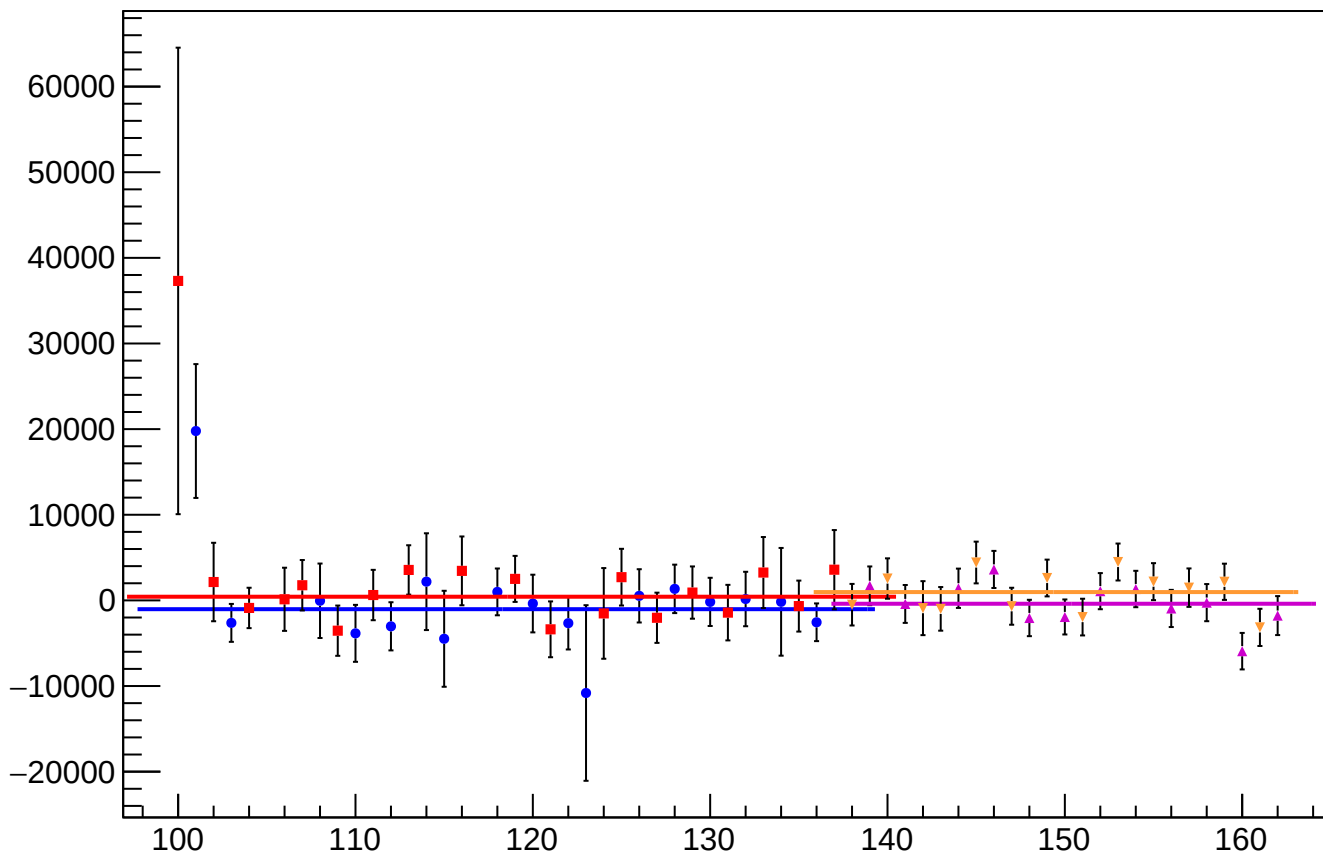
Right: 4501.800 $\pm$ 0.891 χ^2/NDF : 1640064.7/35

In: 4887.004 $\pm$ 0.868 χ^2/NDF : 1262103.9/28

Out: 4702.166 $\pm$ 0.835 χ^2/NDF : 1387604.7/31

All: 4790.979 $\pm$ 0.602 χ^2/NDF : 2673278.8/60

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051+/-796.597 χ^2 /NDF: 13.1/16

Left Out: 971.614+/-634.364 χ^2 /NDF:13.8/12

Right Out: 428.488+/-760.817 χ^2 /NDF: 10.8/18

Left In: -392.226+/-626.426 χ^2 /NDF:14.4/11

Left: 281.108+/-445.730 χ^2 /NDF: 30.5/24

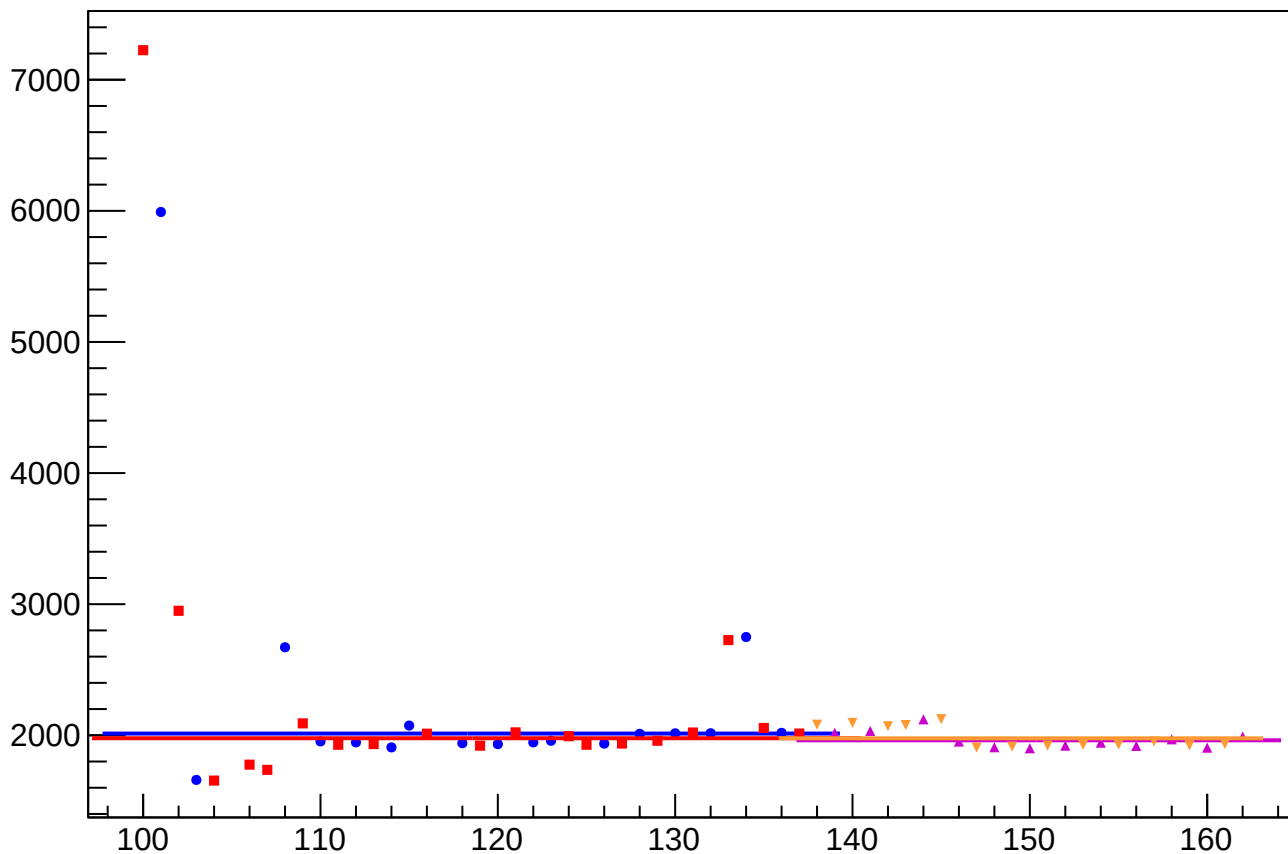
Right: -265.860+/-550.193 χ^2 /NDF: 25.6/35

In: -634.794+/-492.412 χ^2 /NDF:27.9/28

Out: 748.877+/-487.222 χ^2 /NDF:24.8/31

All: 64.372+/-346.338 χ^2 /NDF: 56.7/60

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1977.121+/-0.449 χ^2/NDF : 30270.0/12

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

Left In: 1961.852+/-0.443 χ^2/NDF : 19542.5/11

Left: 1969.390+/-0.315 χ^2/NDF : 50399.1/24

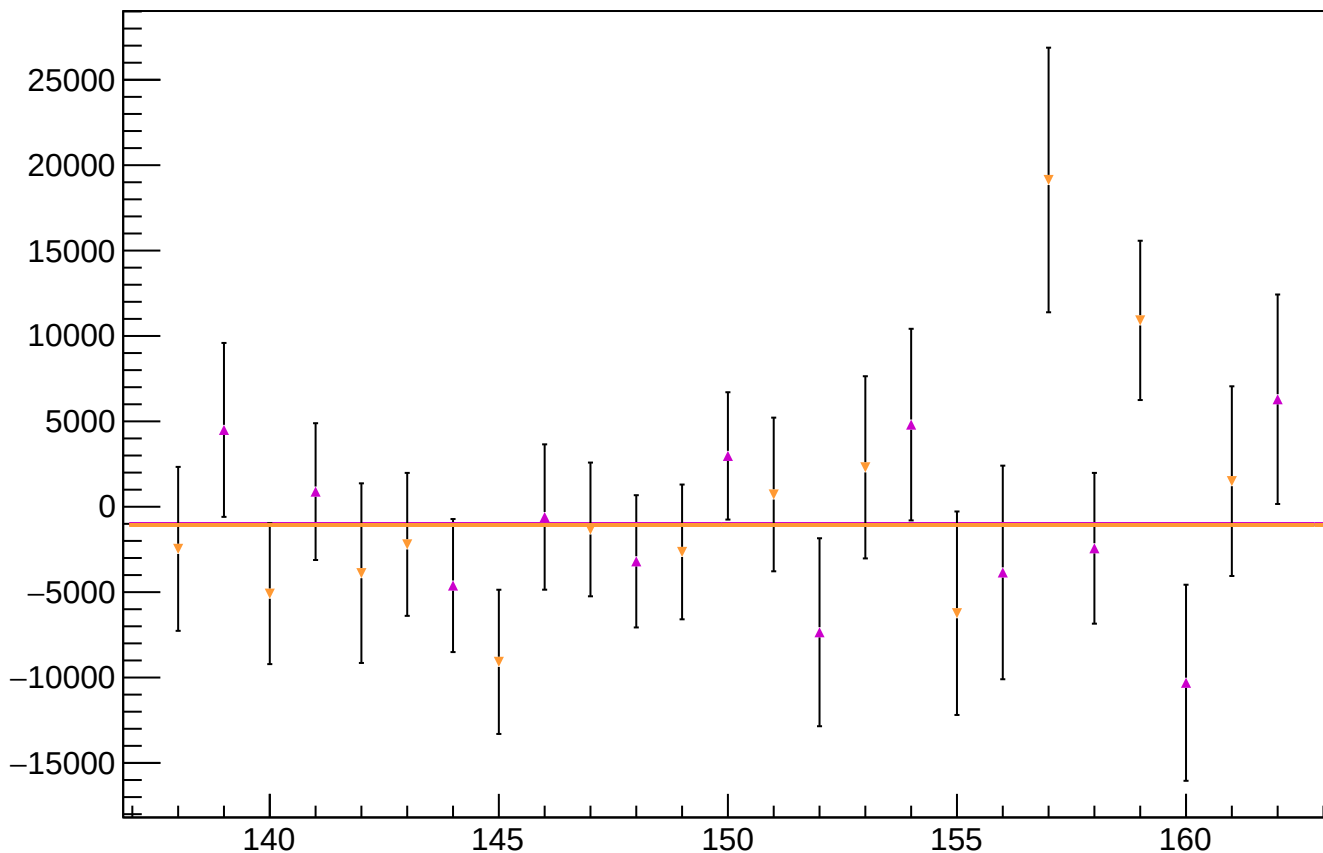
Right: 1994.568+/-0.389 χ^2/NDF : 947053.5/35

In: 1981.499+/-0.348 χ^2/NDF : 674739.8/28

Out: 1977.295+/-0.344 χ^2/NDF : 325169.5/31

All: 1979.374+/-0.245 χ^2/NDF : 999983.0/60

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1067.059+/-1303.219 χ^2/NDF :20.1/12

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

Left In: -1011.204+/-1337.100 χ^2/NDF :10.5/11

Left: -1039.848+/-933.263 χ^2/NDF : 30.6/24

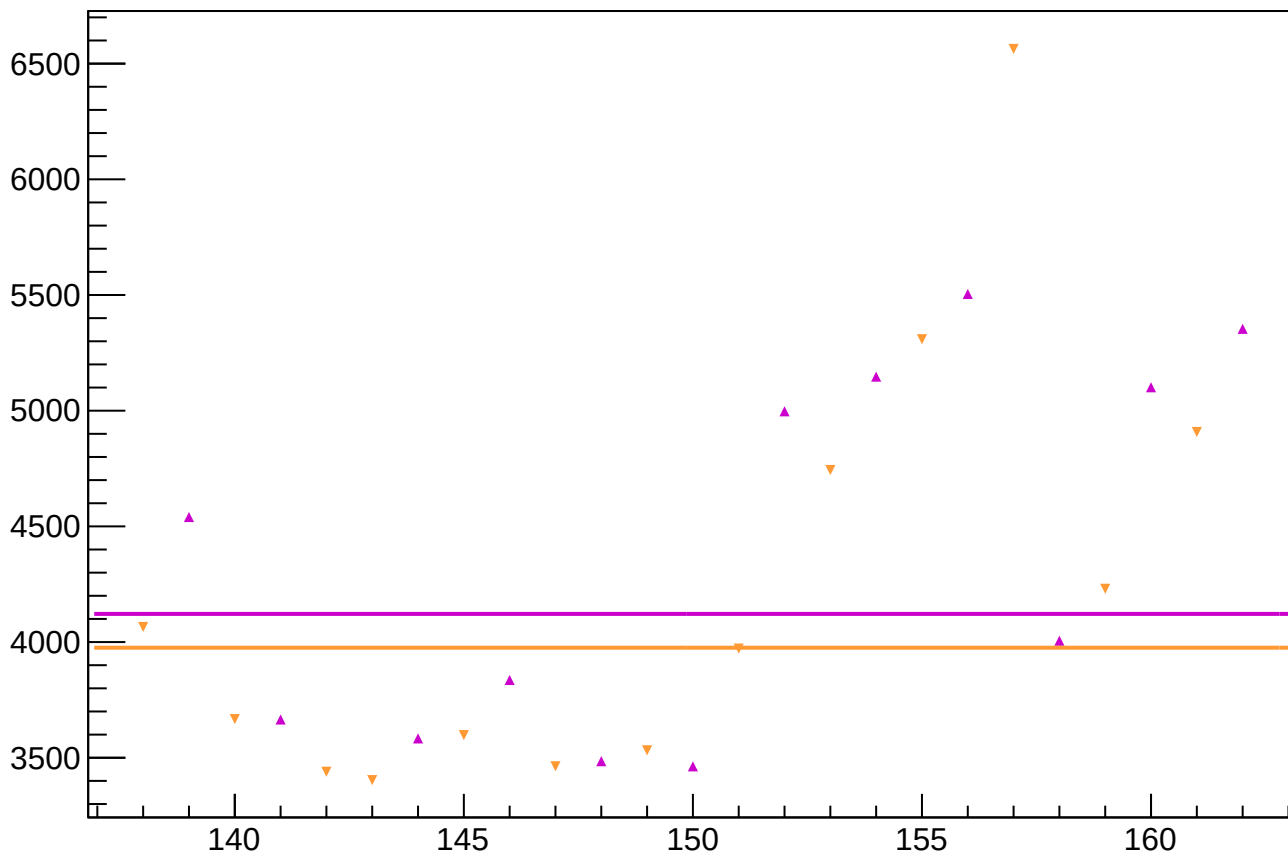
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1011.204+/-1337.100 χ^2/NDF :10.5/11

Out: -1067.059+/-1303.219 χ^2/NDF :20.1/12

All: -1039.848+/-933.263 χ^2/NDF : 30.6/24

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3975.672+/-0.922 χ^2/NDF : 572747.0/12

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

Left In: 4121.738+/-0.945 χ^2/NDF : 558807.8/11

Left: 4046.831+/-0.660 χ^2/NDF : 1143794.7/24

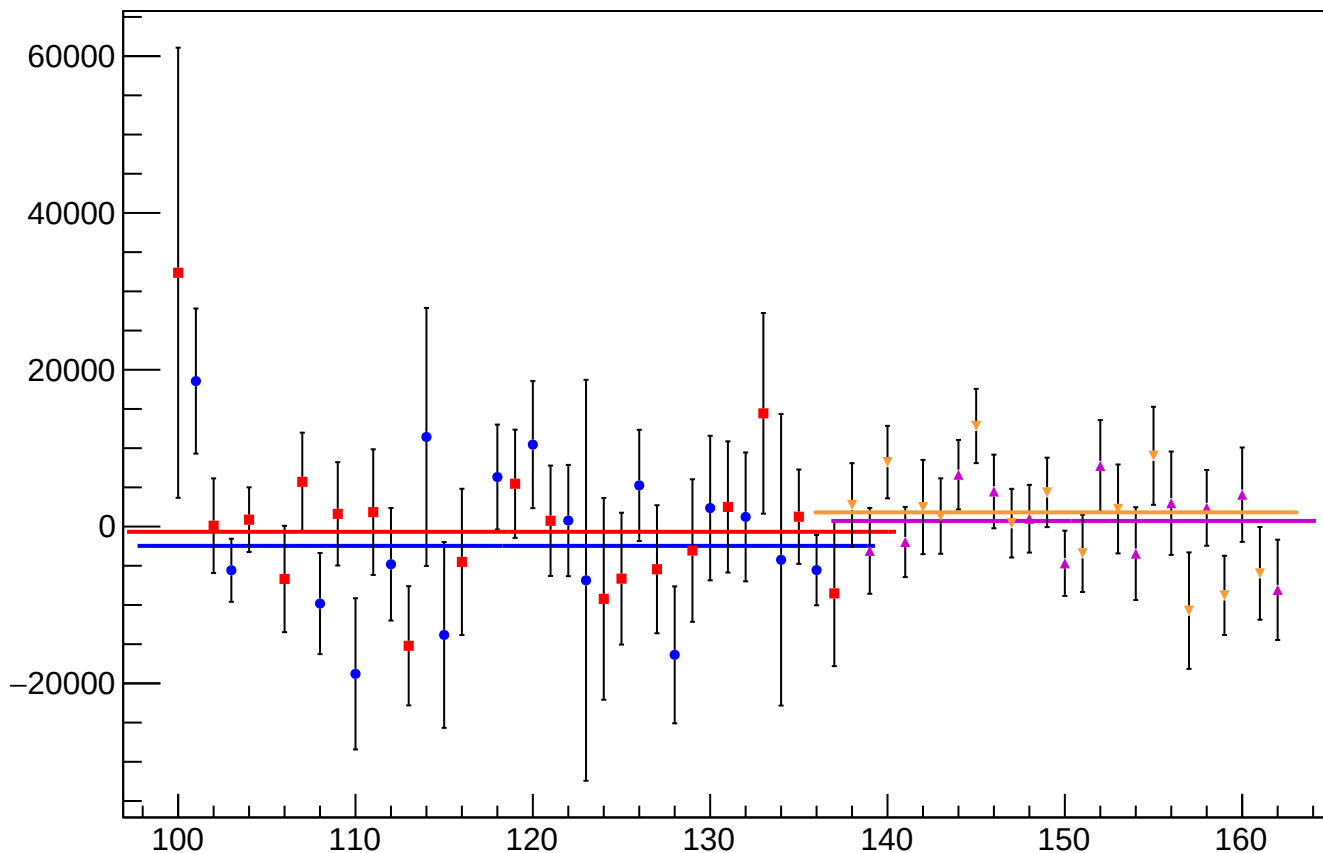
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4121.738+/-0.945 χ^2/NDF : 558807.8/11

Out: 3975.672+/-0.922 χ^2/NDF : 572747.0/12

All: 4046.831+/-0.660 χ^2/NDF : 1143794.7/24

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1813.161 $\pm$ 1436.917 χ^2/NDF : 19.2/12

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

Left In: 719.576 $\pm$ 1464.273 χ^2/NDF : 9.3/11

Left: 1276.679 $\pm$ 1025.589 χ^2/NDF : 28.8/24

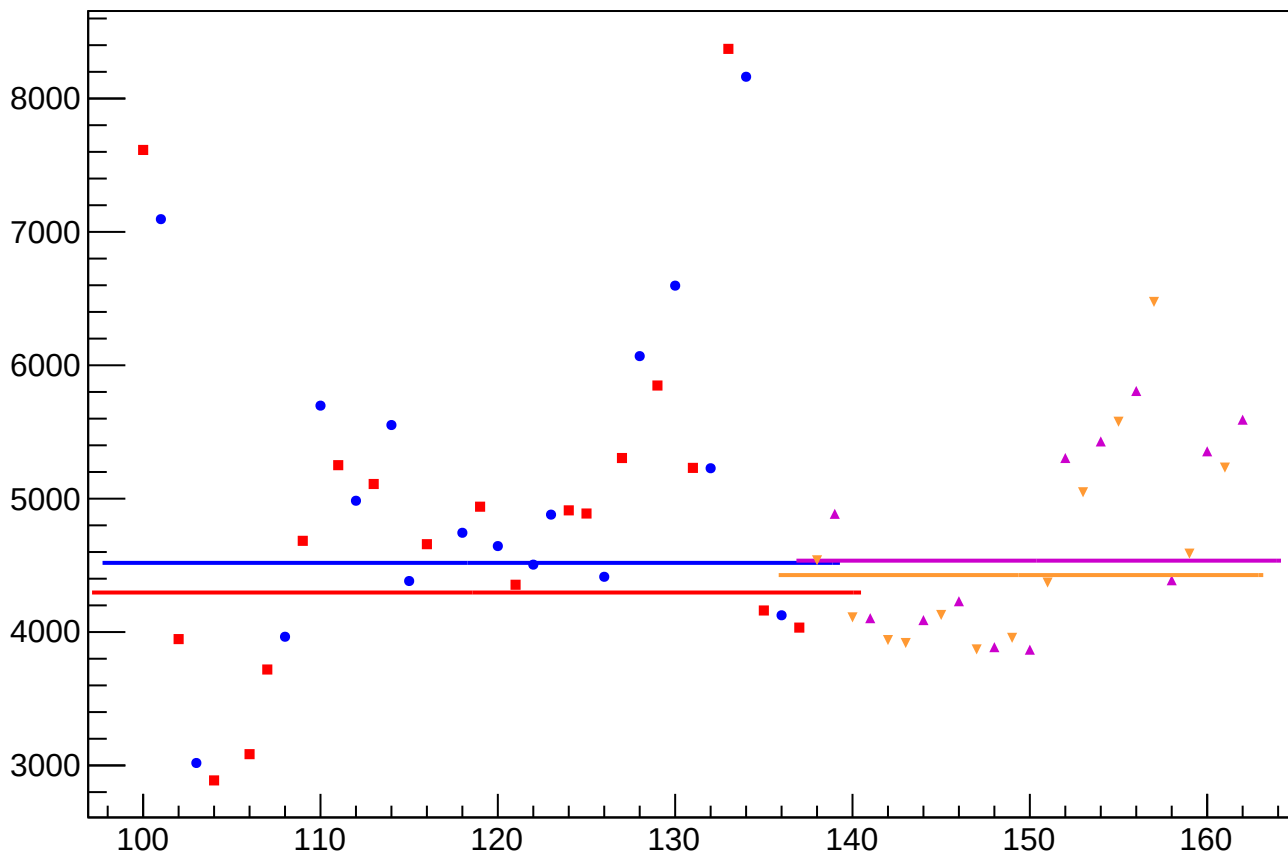
Right: -1508.905 $\pm$ 1231.122 χ^2/NDF : 33.3/35

In: -549.813 $\pm$ 1135.214 χ^2/NDF : 32.0/28

Out: 772.724 $\pm$ 1094.659 χ^2/NDF : 32.4/31

All: 135.500 $\pm$ 787.988 χ^2/NDF : 65.1/60

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4427.173 $\pm$ 1.016 χ^2 /NDF: 391806.9/12

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

Left In: 4535.238 $\pm$ 1.035 χ^2 /NDF: 400154.1/11

Left: 4480.187 $\pm$ 0.725 χ^2 /NDF: 797510.3/24

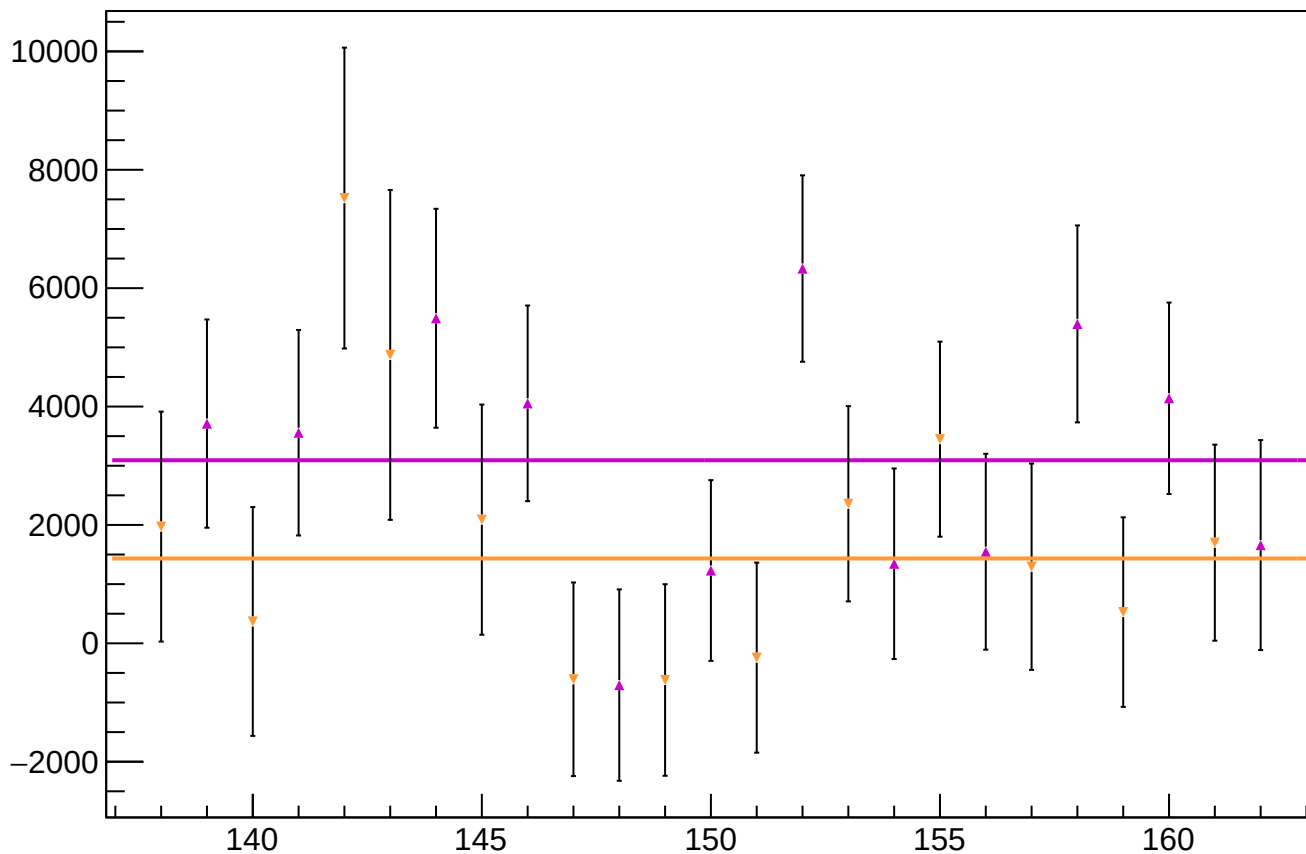
Right: 4400.071 $\pm$ 0.868 χ^2 /NDF: 1558255.2/35

In: 4528.634 $\pm$ 0.803 χ^2 /NDF: 1170483.0/28

Out: 4371.931 $\pm$ 0.772 χ^2 /NDF: 1170508.1/31

All: 4447.251 $\pm$ 0.557 χ^2 /NDF: 2360782.9/60

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1433.504+/-497.265 χ^2/NDF :14.2/12

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

Left In: 3092.776+/-479.943 χ^2/NDF :18.5/11

Left: 2292.542+/-345.332 χ^2/NDF : 38.4/24

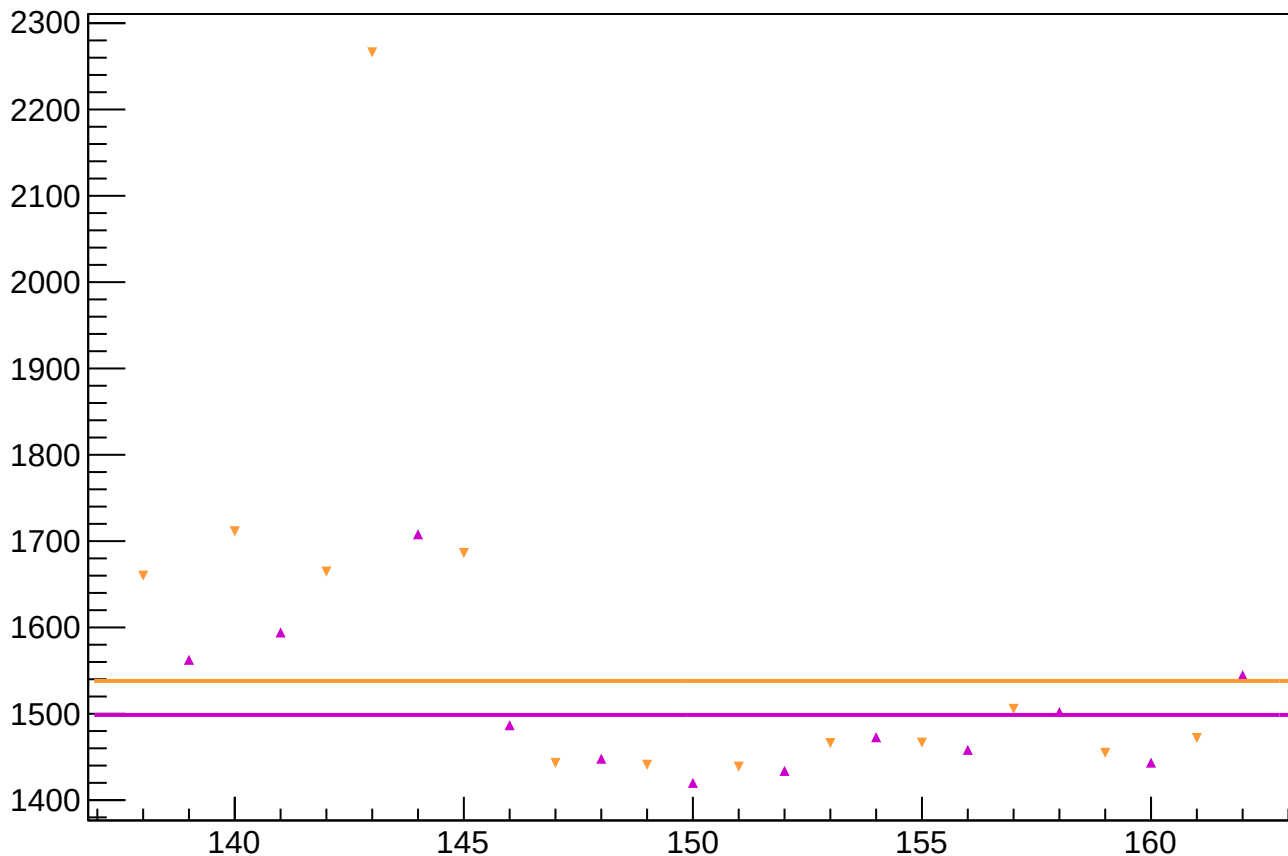
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3092.776+/-479.943 χ^2/NDF :18.5/11

Out: 1433.504+/-497.265 χ^2/NDF :14.2/12

All: 2292.542+/-345.332 χ^2/NDF : 38.4/24

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1538.076+/-0.352 χ^2/NDF :215560.6/12

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

Left In: 1498.675+/-0.339 χ^2/NDF :50480.4/11

Left: 1517.677+/-0.244 χ^2/NDF : 272541.9/24

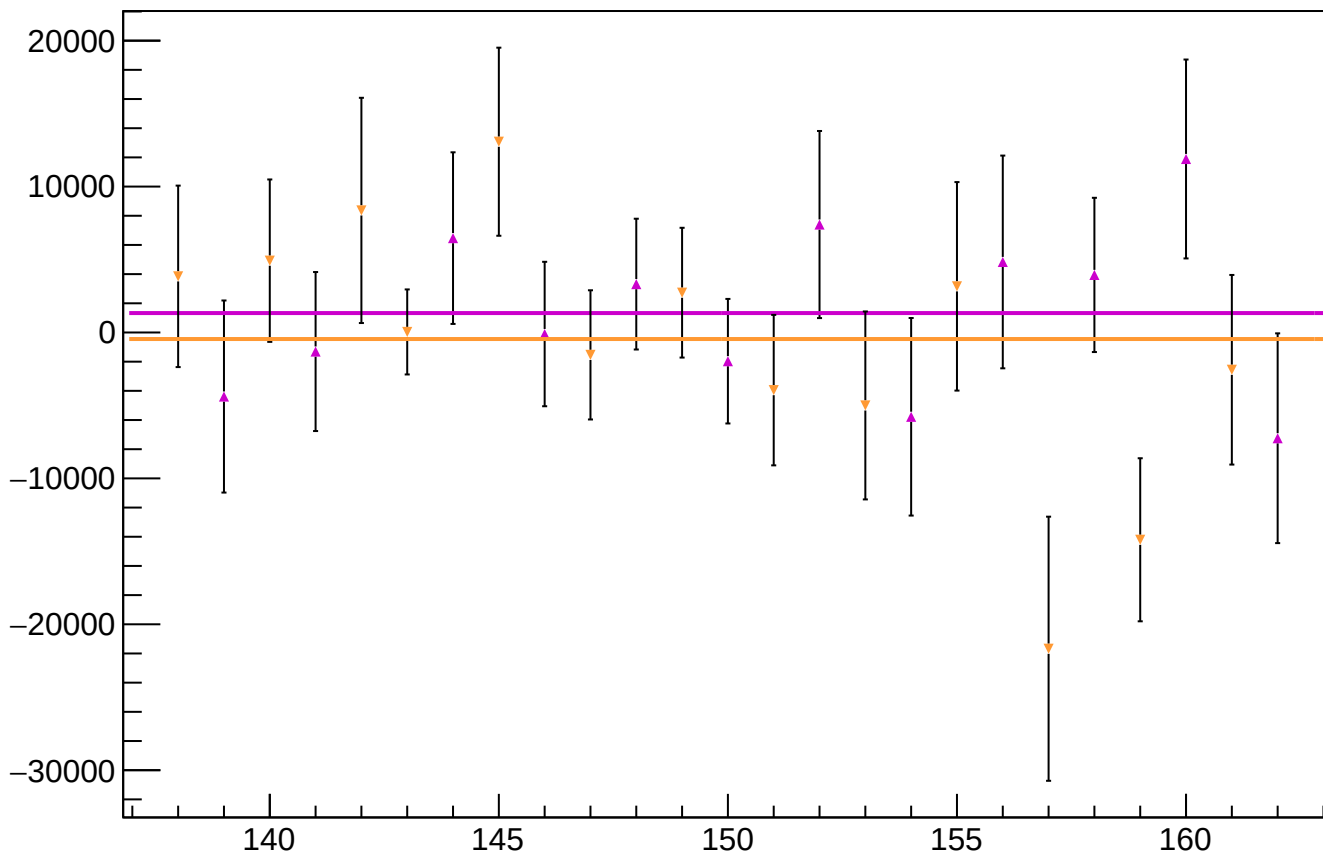
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1498.675+/-0.339 χ^2/NDF :50480.4/11

Out: 1538.076+/-0.352 χ^2/NDF :215560.6/12

All: 1517.677+/-0.244 χ^2/NDF : 272541.9/24

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -448.522+/-1462.460 χ^2/NDF :20.6/12

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

Left In: 1330.900+/-1637.812 χ^2/NDF :8.9/11

Left: 340.865+/-1090.862 χ^2/NDF : 30.2/24

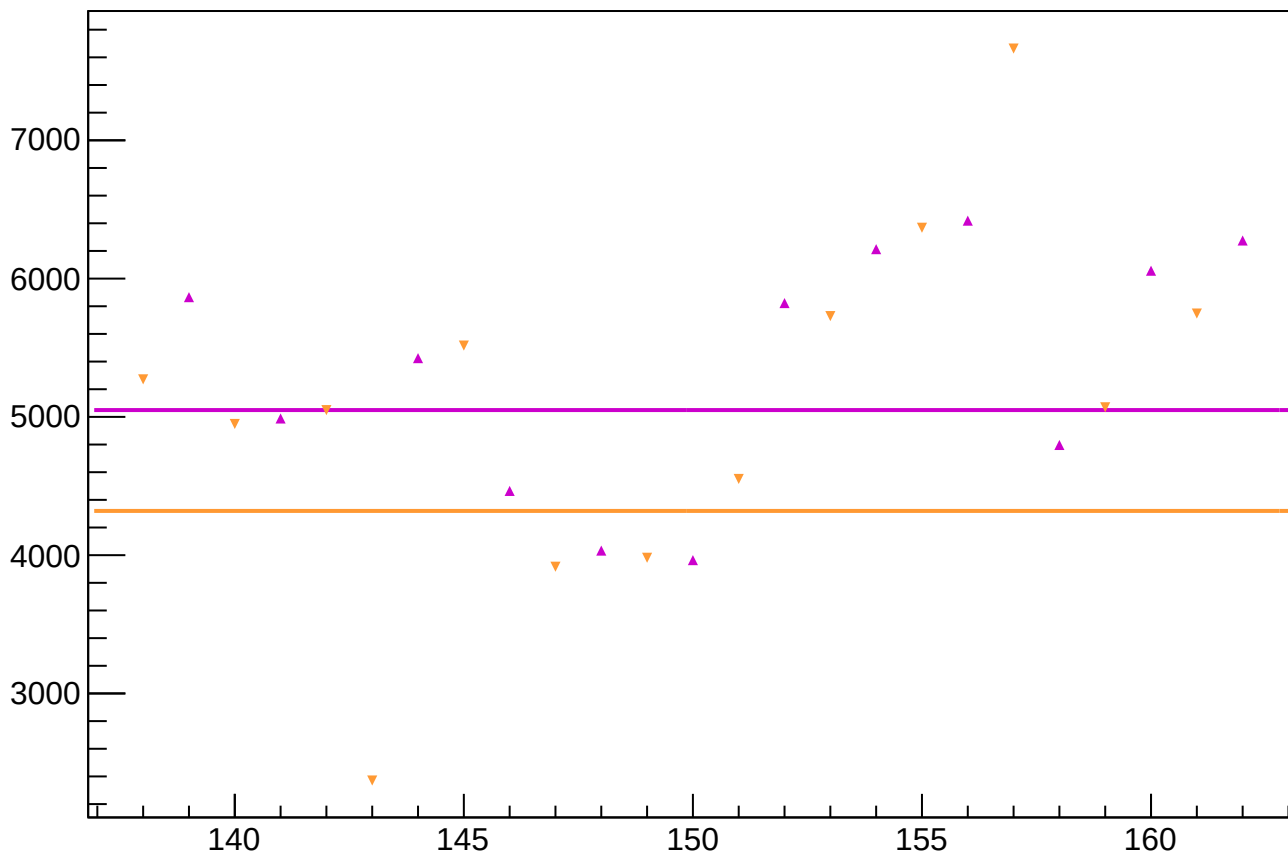
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1330.900+/-1637.812 χ^2/NDF :8.9/11

Out: -448.522+/-1462.460 χ^2/NDF :20.6/12

All: 340.865+/-1090.862 χ^2/NDF : 30.2/24

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4319.993+/-1.034 χ^2/NDF :1751624.1/12

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

Left In: 5049.344+/-1.158 χ^2/NDF :564469.0/11

Left: 4643.548+/-0.771 χ^2/NDF : 2536764.8/24

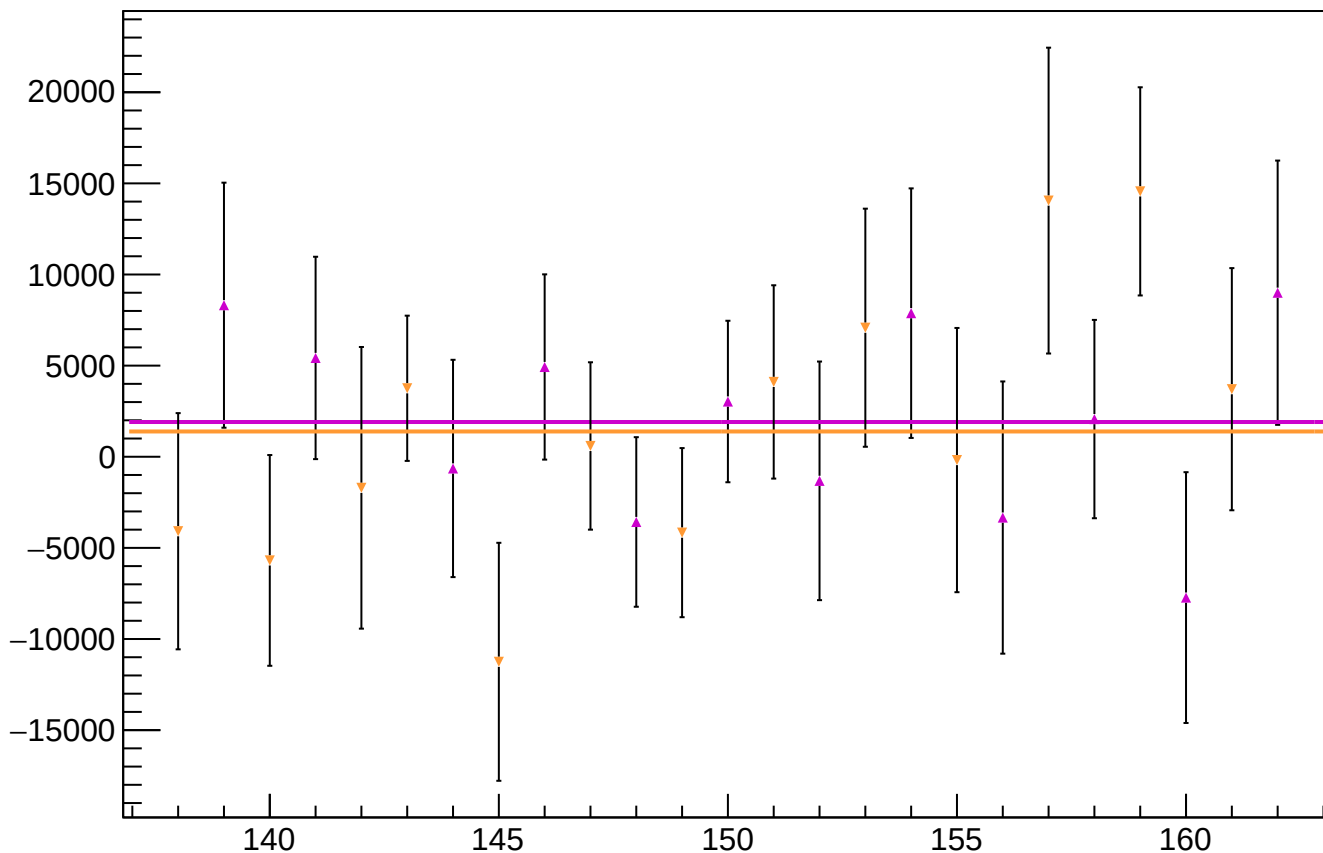
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5049.344+/-1.158 χ^2/NDF :564469.0/11

Out: 4319.993+/-1.034 χ^2/NDF :1751624.1/12

All: 4643.548+/-0.771 χ^2/NDF : 2536764.8/24

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1387.167+/-1588.420 χ^2/NDF :16.7/12

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

Left In: 1906.298+/-1678.127 χ^2/NDF :7.7/11

Left: 1632.486+/-1153.593 χ^2/NDF : 24.5/24

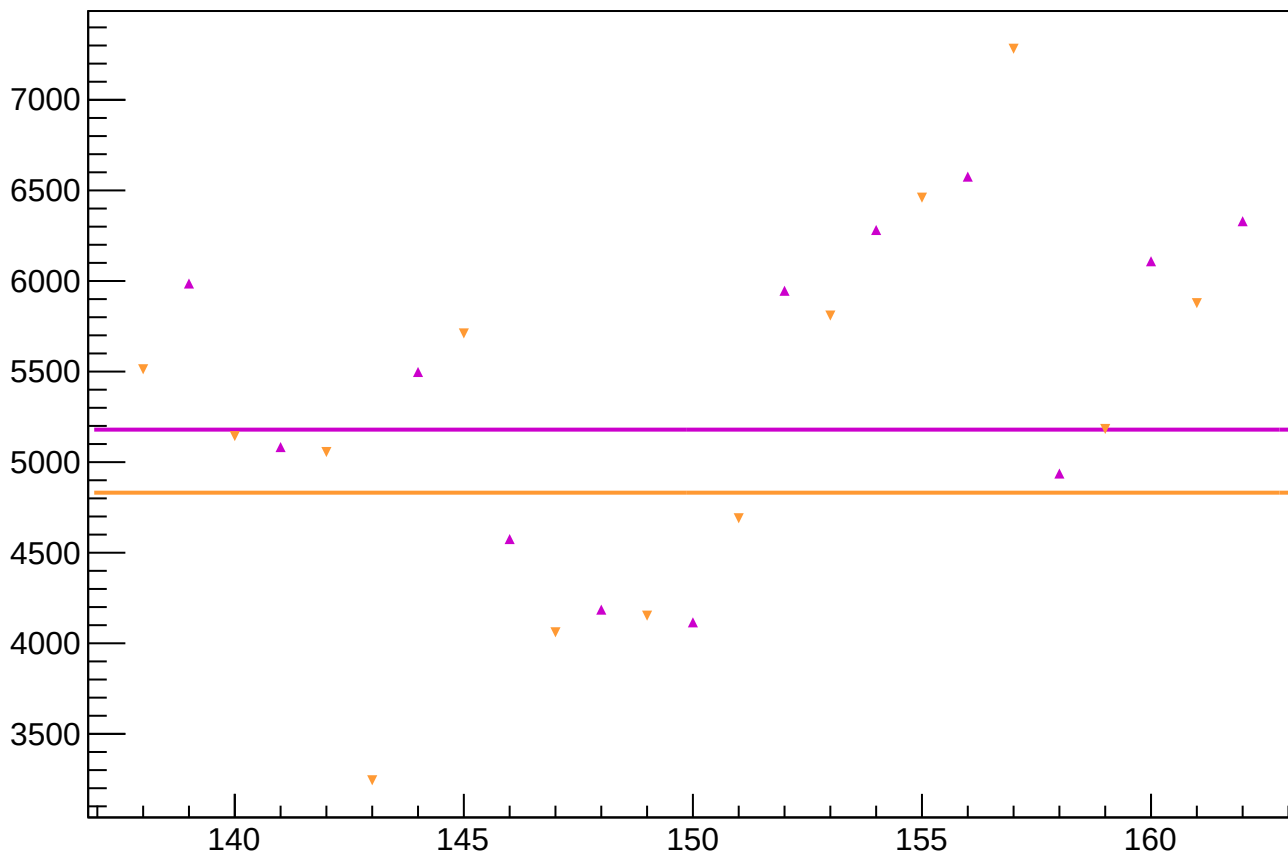
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1906.298+/-1678.127 χ^2/NDF :7.7/11

Out: 1387.167+/-1588.420 χ^2/NDF :16.7/12

All: 1632.486+/-1153.593 χ^2/NDF : 24.5/24

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 4831.484+/-1.123 χ^2/NDF :857563.3/12

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

Left In: 5179.477+/-1.187 χ^2/NDF :509920.9/11

Left: 4995.931+/-0.816 χ^2/NDF : 1412846.7/24

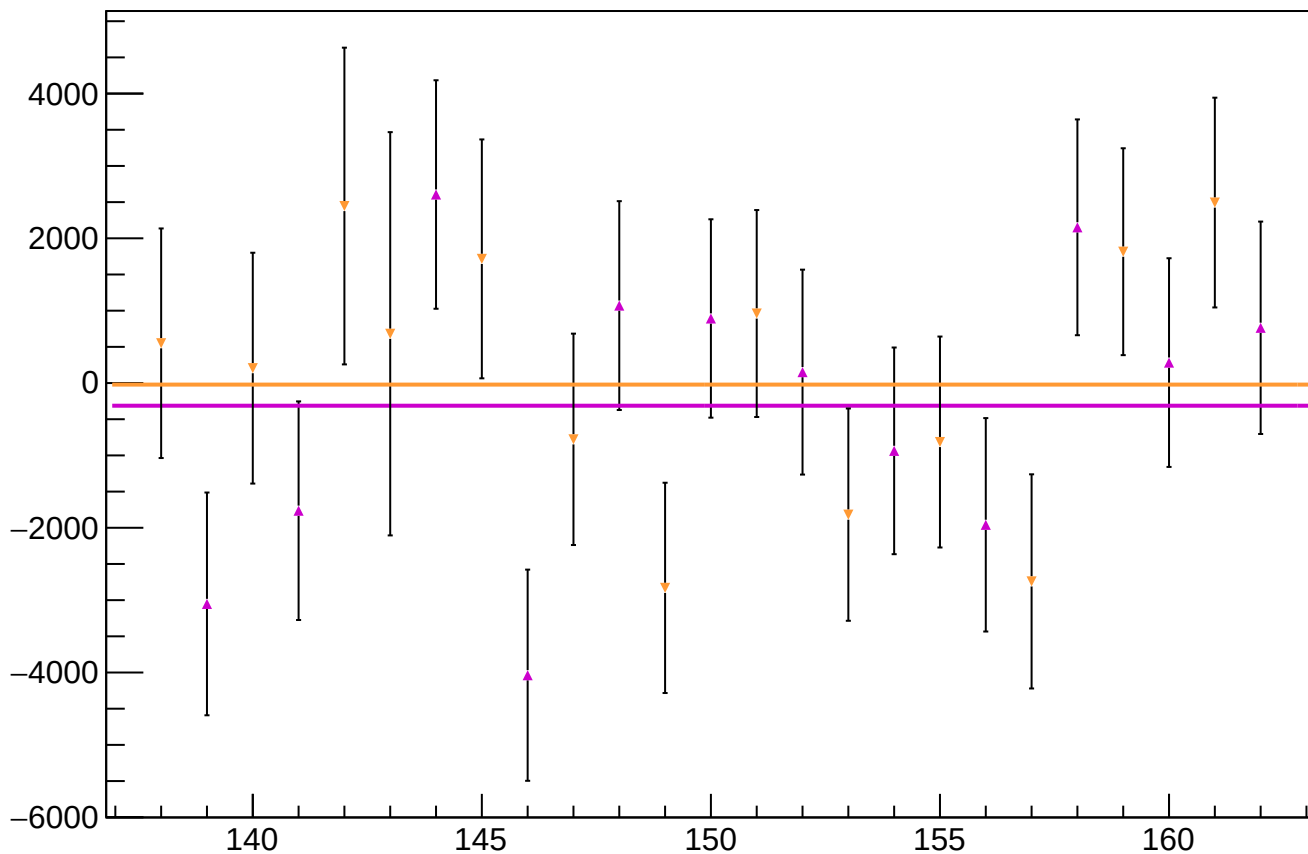
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5179.477+/-1.187 χ^2/NDF :509920.9/11

Out: 4831.484+/-1.123 χ^2/NDF :857563.3/12

All: 4995.931+/-0.816 χ^2/NDF : 1412846.7/24

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -21.427+/-435.003 χ^2/NDF :16.9/12

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

Left In: -313.204+/-423.024 χ^2/NDF :20.7/11

Left: -171.388+/-303.270 χ^2/NDF : 37.8/24

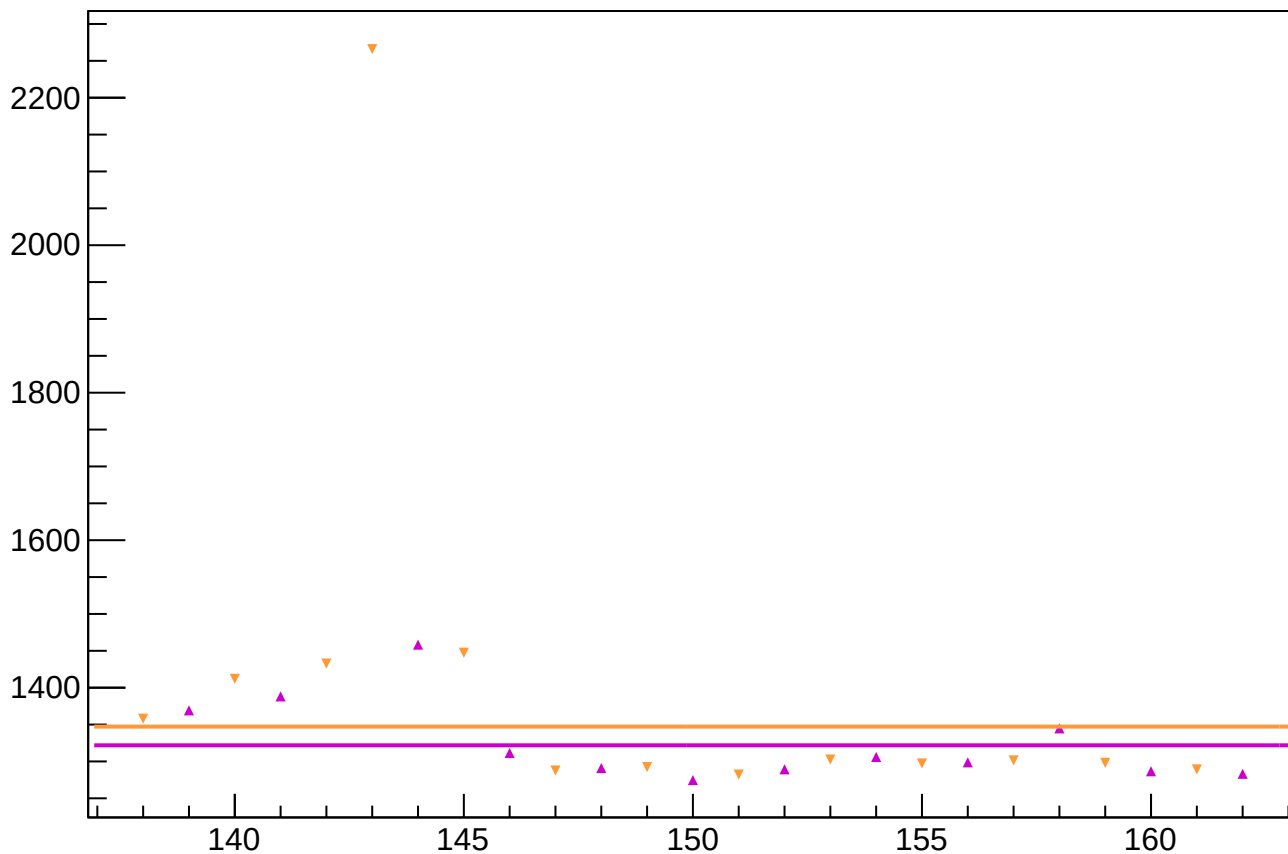
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -313.204+/-423.024 χ^2/NDF :20.7/11

Out: -21.427+/-435.003 χ^2/NDF :16.9/12

All: -171.388+/-303.270 χ^2/NDF : 37.8/24

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1347.233+/-0.308 χ^2/NDF :253222.4/12

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

Left In: 1321.860+/-0.299 χ^2/NDF :28931.0/11

Left: 1334.193+/-0.214 χ^2/NDF : 285650.5/24

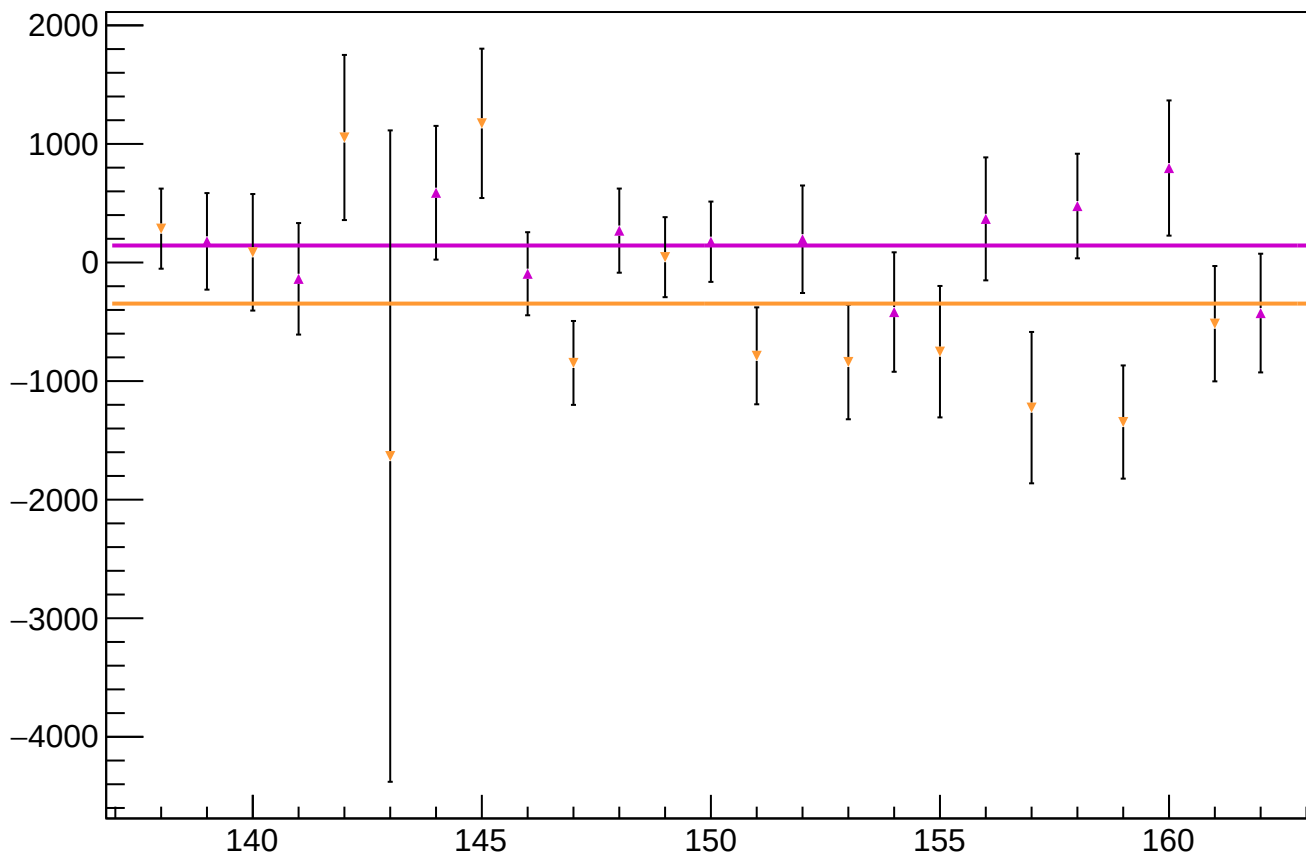
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1321.860+/-0.299 χ^2/NDF :28931.0/11

Out: 1347.233+/-0.308 χ^2/NDF :253222.4/12

All: 1334.193+/-0.214 χ^2/NDF : 285650.5/24

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -346.482+/-130.202 χ^2/NDF :26.8/12

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

Left In: 143.405+/-125.743 χ^2/NDF :6.2/11

Left: -93.005+/-90.449 χ^2/NDF : 40.4/24

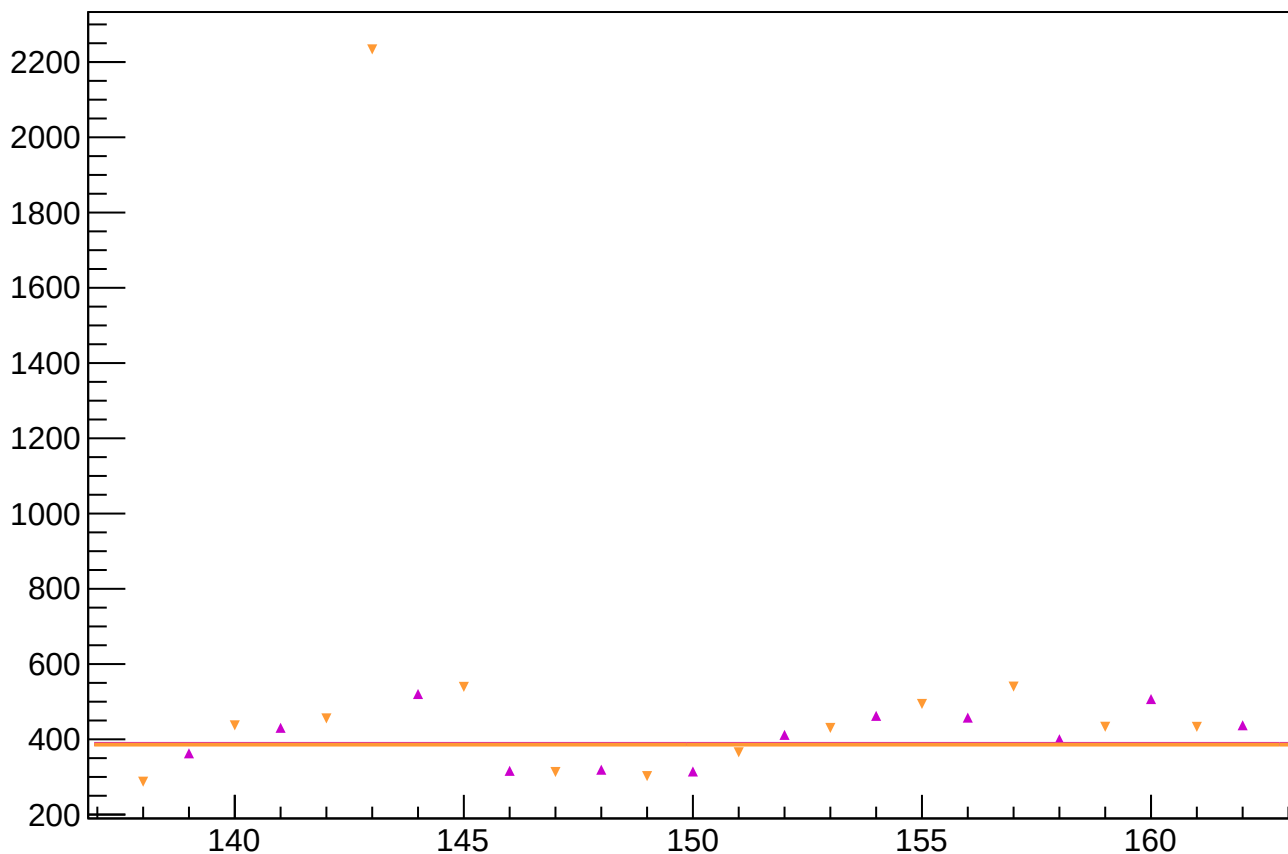
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.405+/-125.743 χ^2/NDF :6.2/11

Out: -346.482+/-130.202 χ^2/NDF :26.8/12

All: -93.005+/-90.449 χ^2/NDF : 40.4/24

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 386.107+/-0.092 χ^2/NDF :1696748.4/12

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

Left In: 387.725+/-0.089 χ^2/NDF :580904.3/11

Left: 386.944+/-0.064 χ^2/NDF : 2277812.4/24

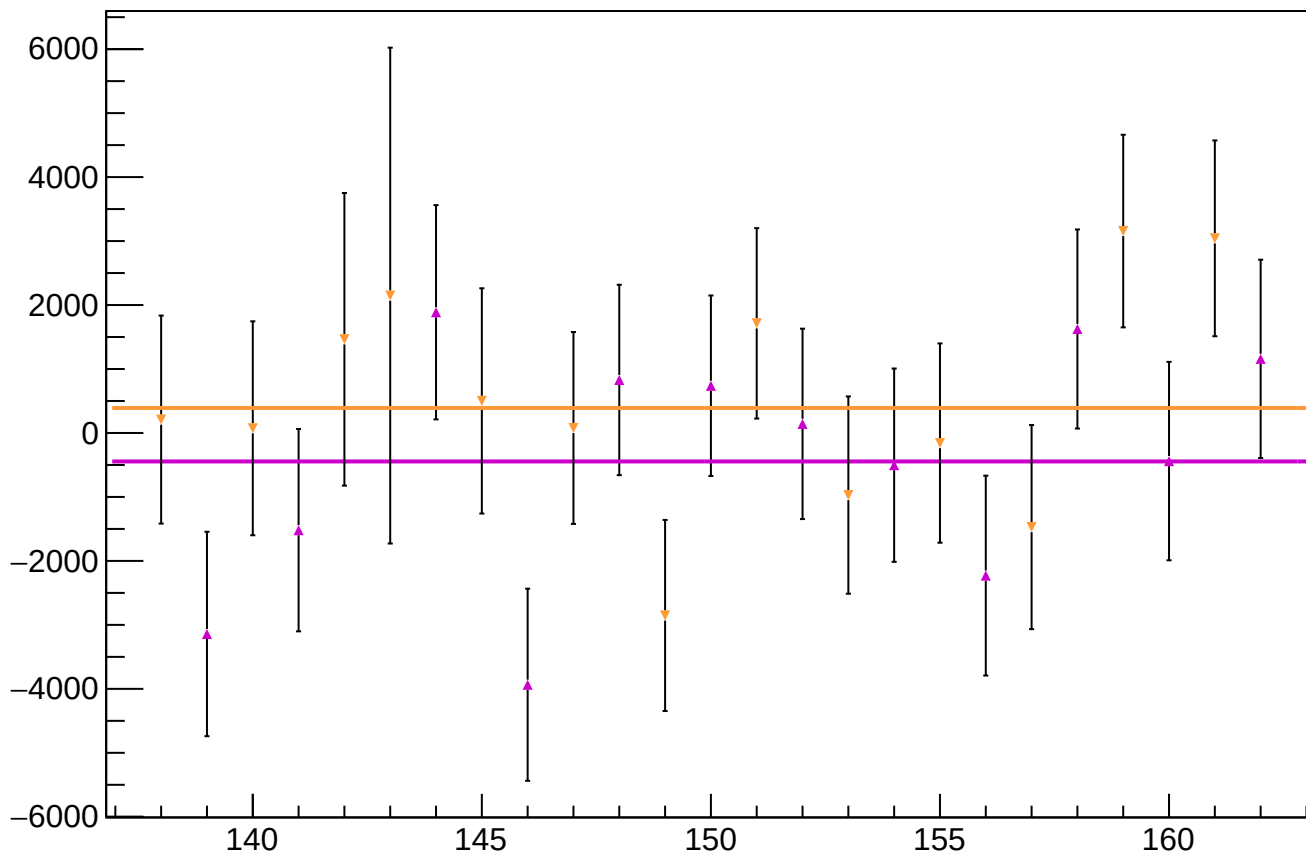
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 387.725+/-0.089 χ^2/NDF :580904.3/11

Out: 386.107+/-0.092 χ^2/NDF :1696748.4/12

All: 386.944+/-0.064 χ^2/NDF : 2277812.4/24

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 390.975+/-458.617 χ^2/NDF :14.7/12

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

Left In: -445.105+/-443.236 χ^2/NDF :16.4/11

Left: -41.320+/-318.714 χ^2/NDF : 32.8/24

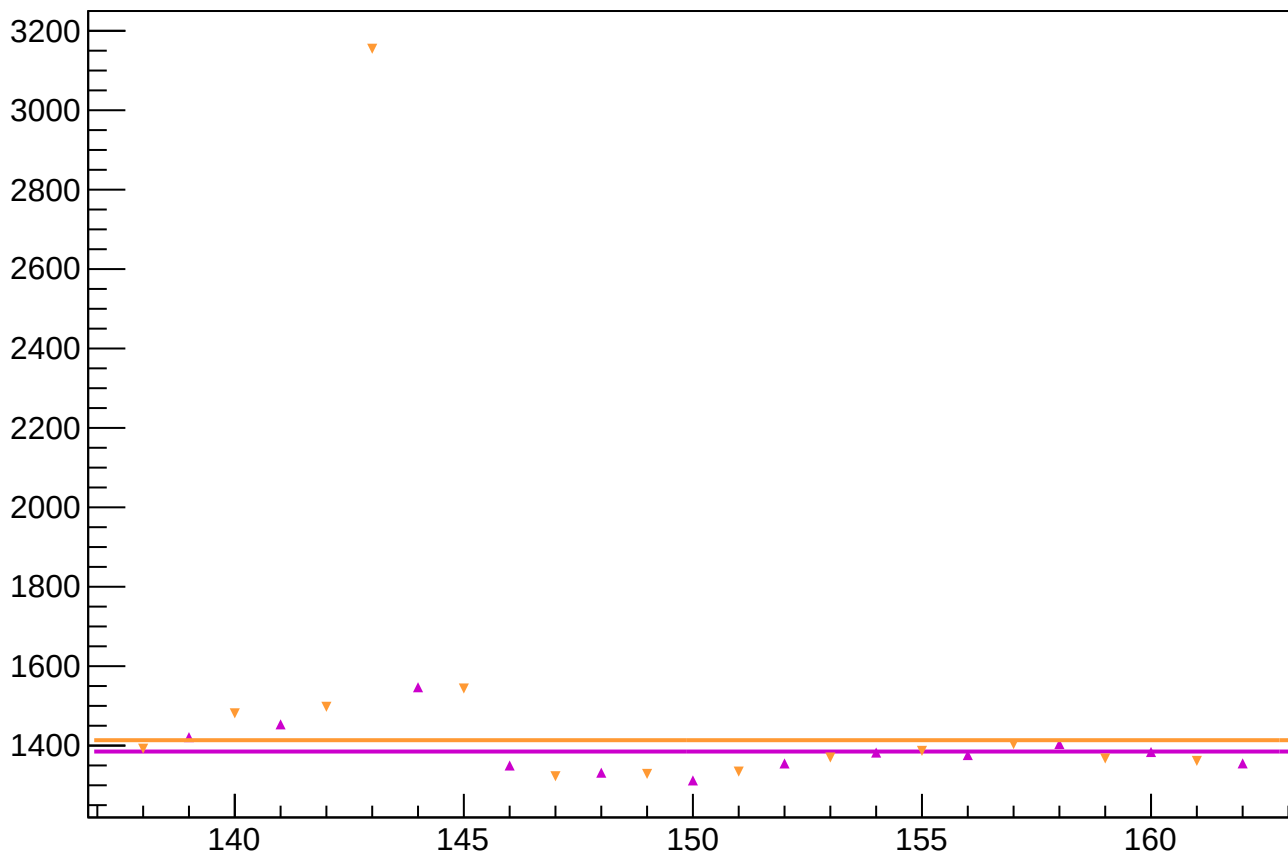
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.105+/-443.236 χ^2/NDF :16.4/11

Out: 390.975+/-458.617 χ^2/NDF :14.7/12

All: -41.320+/-318.714 χ^2/NDF : 32.8/24

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1413.574+/-0.324 χ^2/NDF :446879.2/12

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

Left In: 1385.015+/-0.313 χ^2/NDF :34372.4/11

Left: 1398.807+/-0.225 χ^2/NDF : 485261.5/24

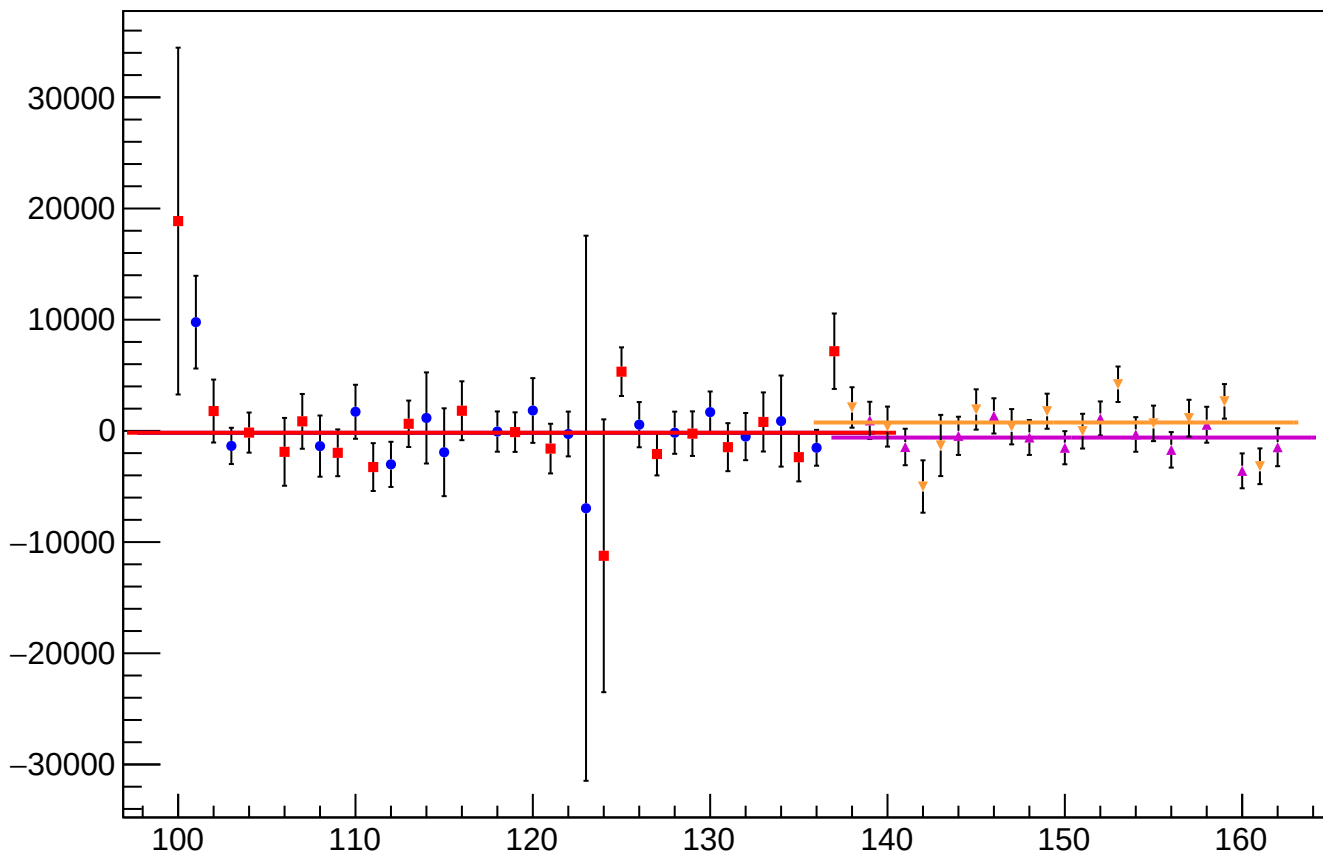
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1385.015+/-0.313 χ^2/NDF :34372.4/11

Out: 1413.574+/-0.324 χ^2/NDF :446879.2/12

All: 1398.807+/-0.225 χ^2/NDF : 485261.5/24

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 755.597+/-477.363 χ^2/NDF : 20.5/12

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

Left In: -600.688+/-462.073 χ^2/NDF : 9.2/11

Left: 55.385+/-332.009 χ^2/NDF : 33.8/24

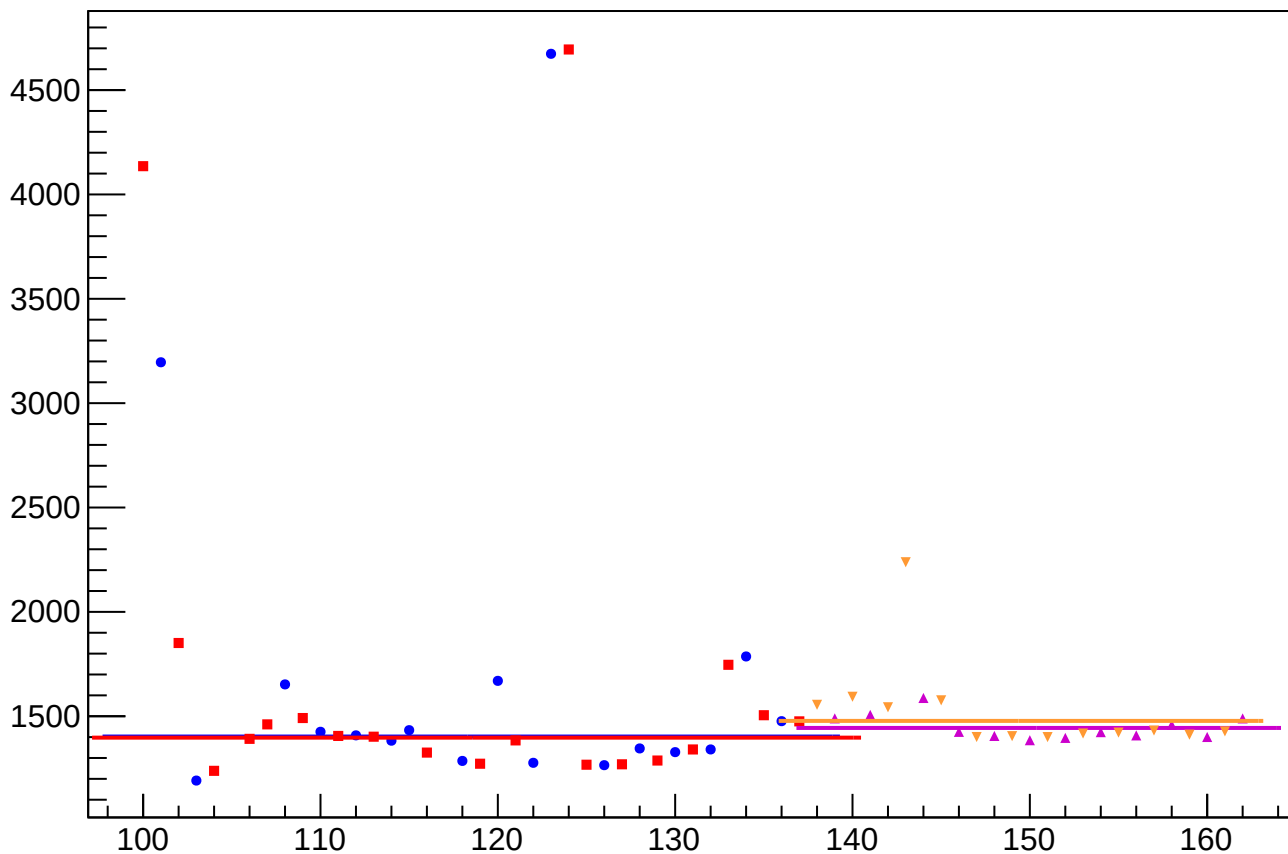
Right: -169.758+/-386.953 χ^2/NDF : 32.4/35

In: -426.224+/-355.019 χ^2/NDF : 21.3/28

Out: 351.876+/-357.681 χ^2/NDF : 42.8/31

All: -40.080+/-251.972 χ^2/NDF : 66.5/60

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1477.648+/-0.338 χ^2/NDF : 198283.2/12

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

Left In: 1443.915+/-0.327 χ^2/NDF : 29357.4/11

Left: 1460.232+/-0.235 χ^2/NDF : 232796.6/24

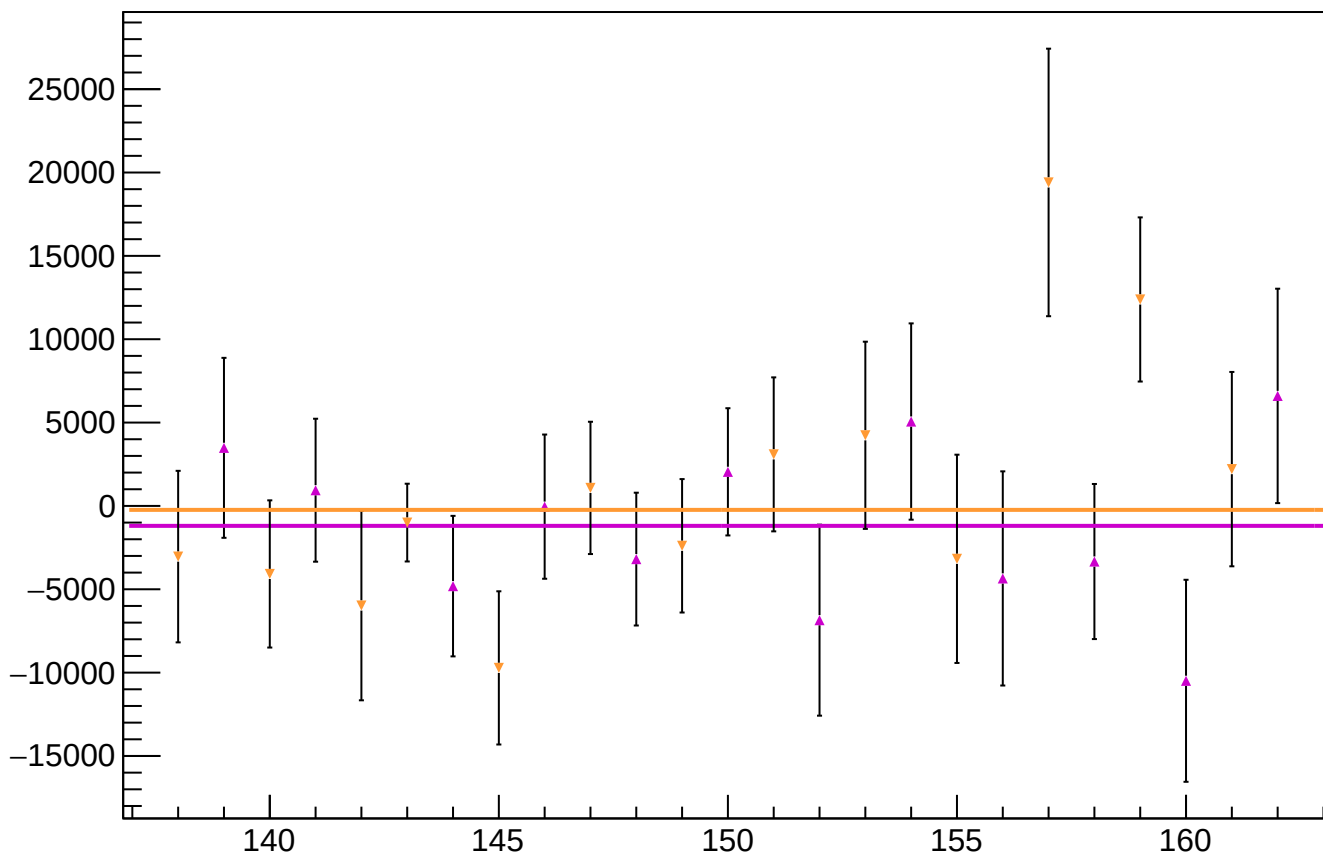
Right: 1400.004+/-0.274 χ^2/NDF : 879784.5/35

In: 1427.033+/-0.251 χ^2/NDF : 562199.9/28

Out: 1442.449+/-0.253 χ^2/NDF : 576426.4/31

All: 1434.686+/-0.178 χ^2/NDF : 1140498.2/60

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -237.269+/-1223.915 χ^2/NDF :21.0/12

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

Left In: -1195.845+/-1398.457 χ^2/NDF :9.2/11

Left: -653.037+/-921.004 χ^2/NDF : 30.4/24

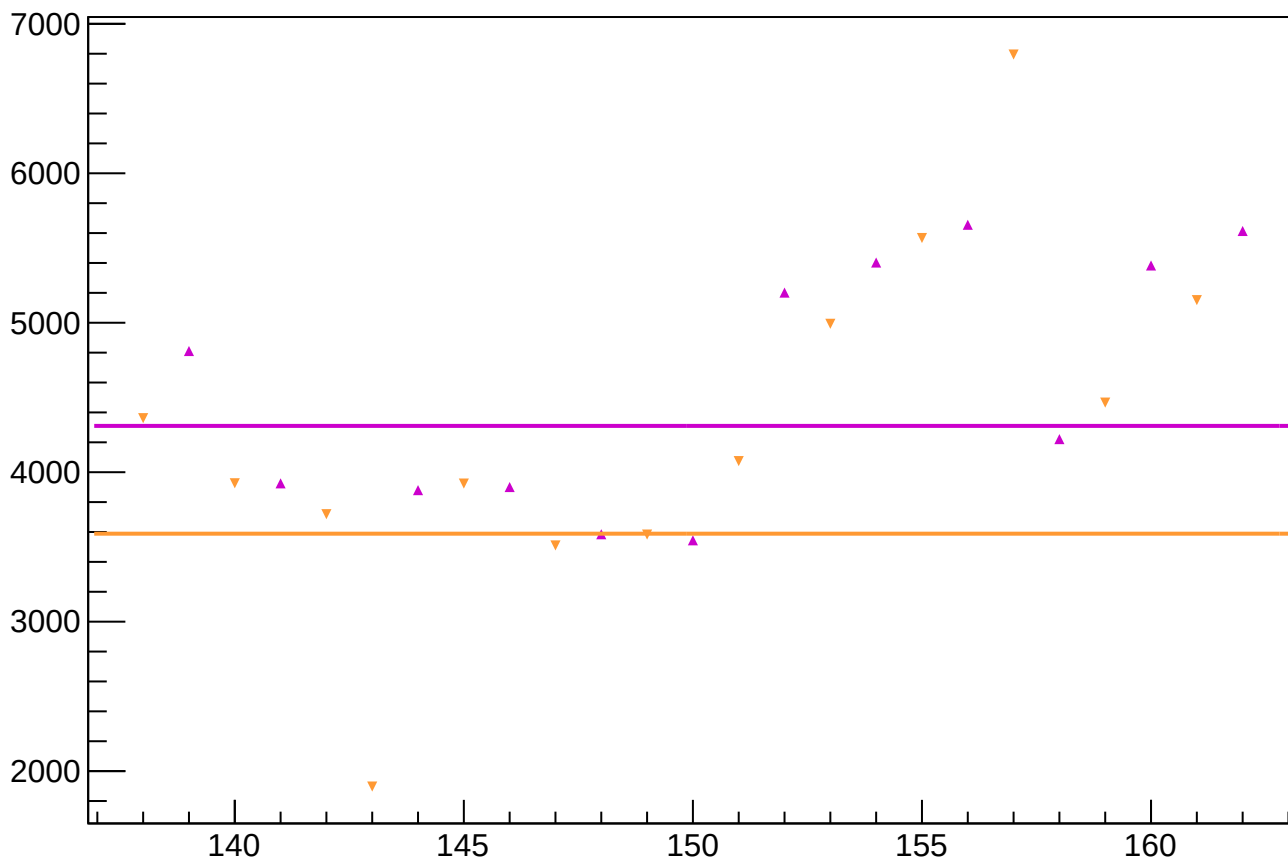
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1195.845+/-1398.457 χ^2/NDF :9.2/11

Out: -237.269+/-1223.915 χ^2/NDF :21.0/12

All: -653.037+/-921.004 χ^2/NDF : 30.4/24

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3588.654+/-0.865 χ^2/NDF :1995898.3/12

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

Left In: 4309.856+/-0.989 χ^2/NDF :569639.2/11

Left: 3901.464+/-0.651 χ^2/NDF : 2866744.7/24

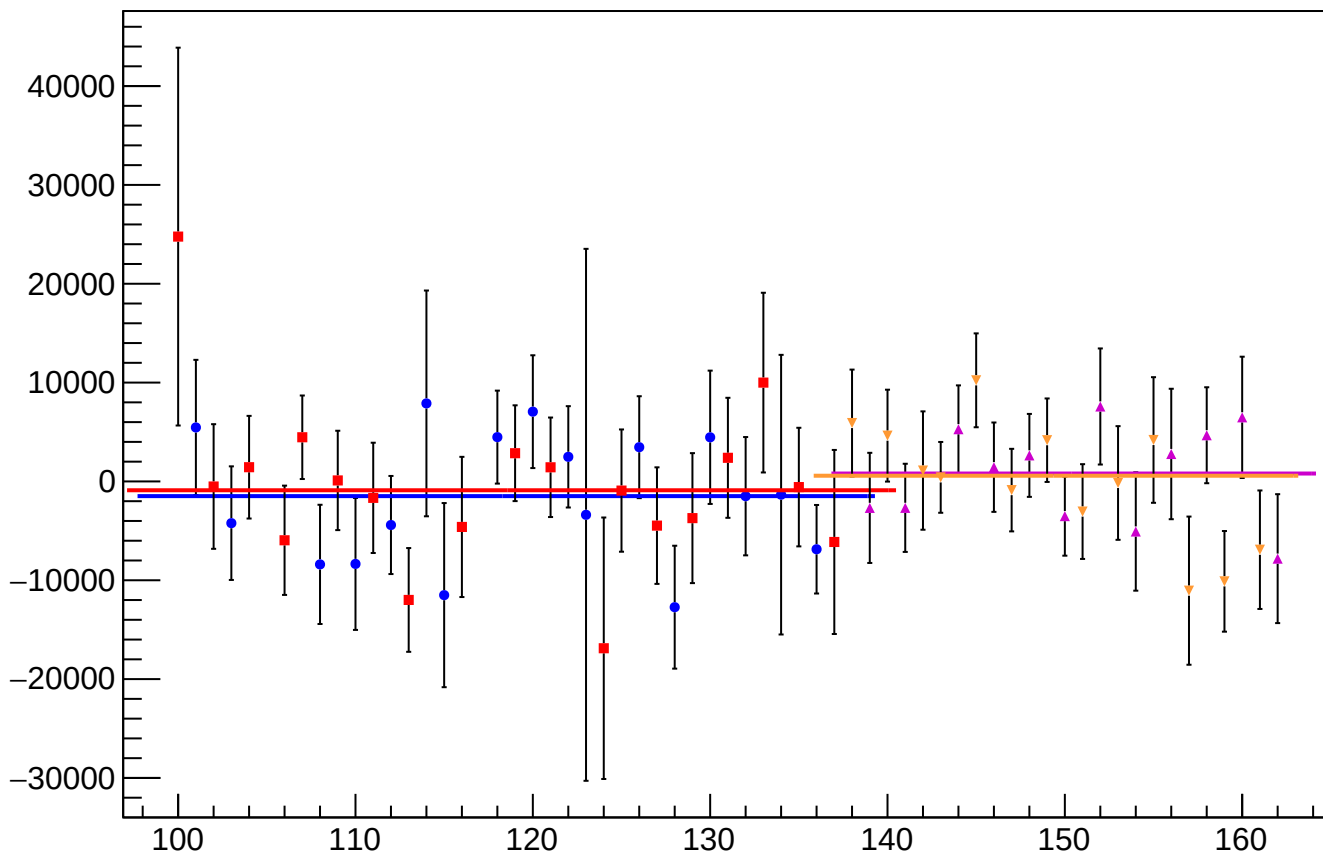
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4309.856+/-0.989 χ^2/NDF :569639.2/11

Out: 3588.654+/-0.865 χ^2/NDF :1995898.3/12

All: 3901.464+/-0.651 χ^2/NDF : 2866744.7/24

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 576.712 $\pm$ 1377.820 χ^2 /NDF:16.0/12

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

Left In: 798.896 $\pm$ 1452.706 χ^2 /NDF:9.0/11

Left: 681.930 $\pm$ 999.692 χ^2 /NDF: 25.0/24

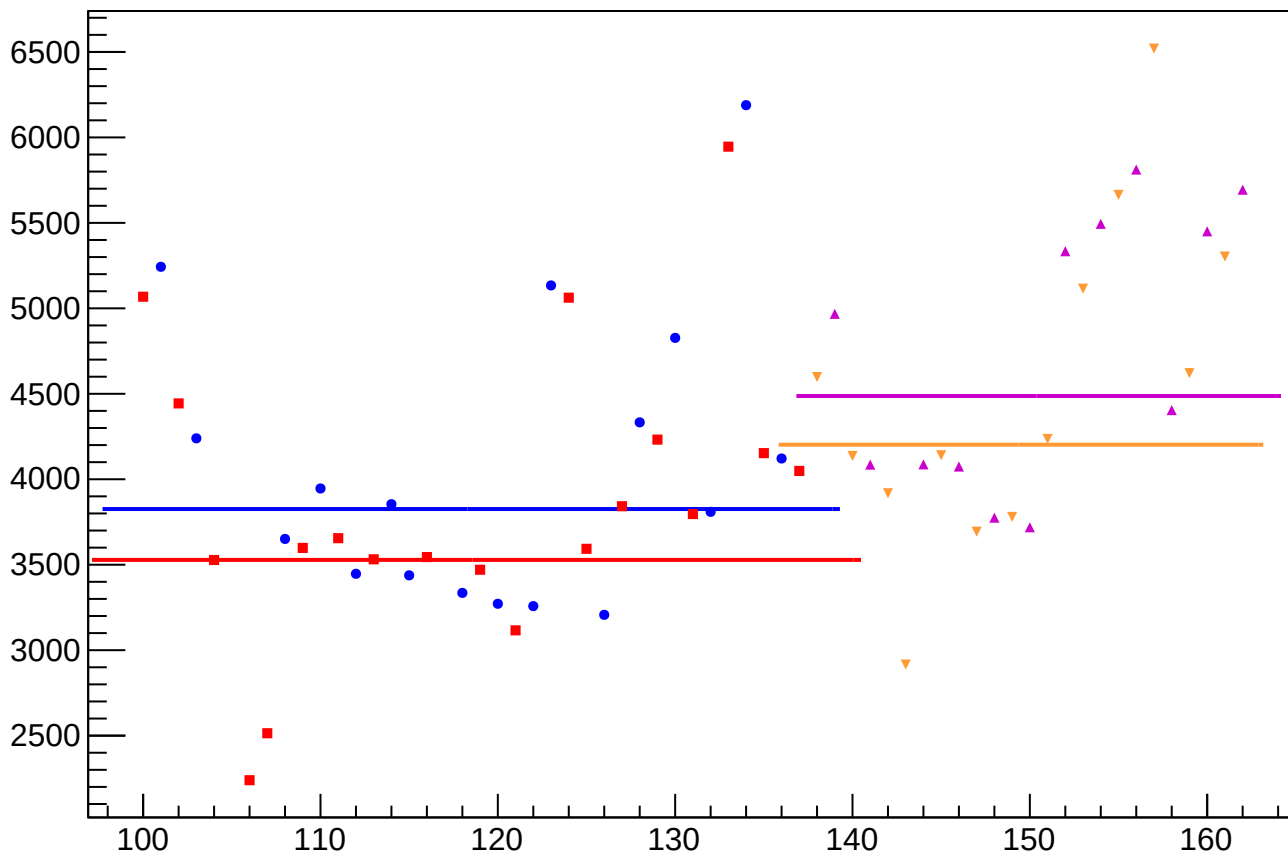
Right: -1165.879 $\pm$ 1014.876 χ^2 /NDF: 30.9/35

In: -308.139 $\pm$ 1043.240 χ^2 /NDF:26.9/28

Out: -158.142 $\pm$ 974.651 χ^2 /NDF:30.7/31

All: -228.048 $\pm$ 712.196 χ^2 /NDF: 57.6/60

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4202.259+/-0.974 χ^2/NDF : 751928.6/12

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

Left In: 4487.131+/-1.027 χ^2/NDF : 492473.6/11

Left: 4337.164+/-0.707 χ^2/NDF : 1284889.7/24

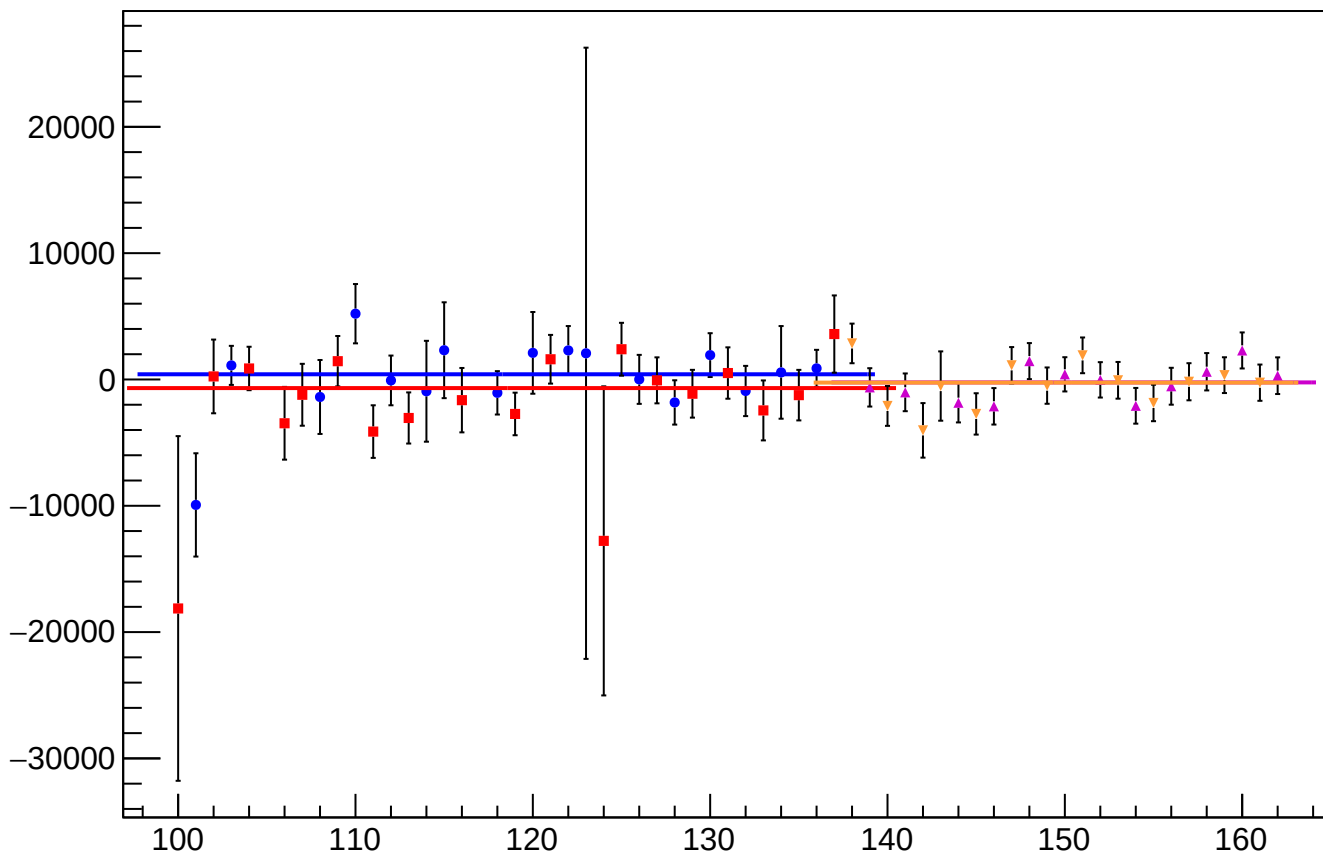
Right: 3663.316+/-0.714 χ^2/NDF : 932858.8/35

In: 4166.873+/-0.738 χ^2/NDF : 1027585.8/28

Out: 3862.464+/-0.686 χ^2/NDF : 1548612.7/31

All: 4003.641+/-0.502 χ^2/NDF : 2667512.5/60

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -247.533+/-430.608 χ^2/NDF :15.3/12

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

Left In: -232.635+/-418.440 χ^2/NDF :10.1/11

Left: -239.870+/-300.092 χ^2/NDF : 25.5/24

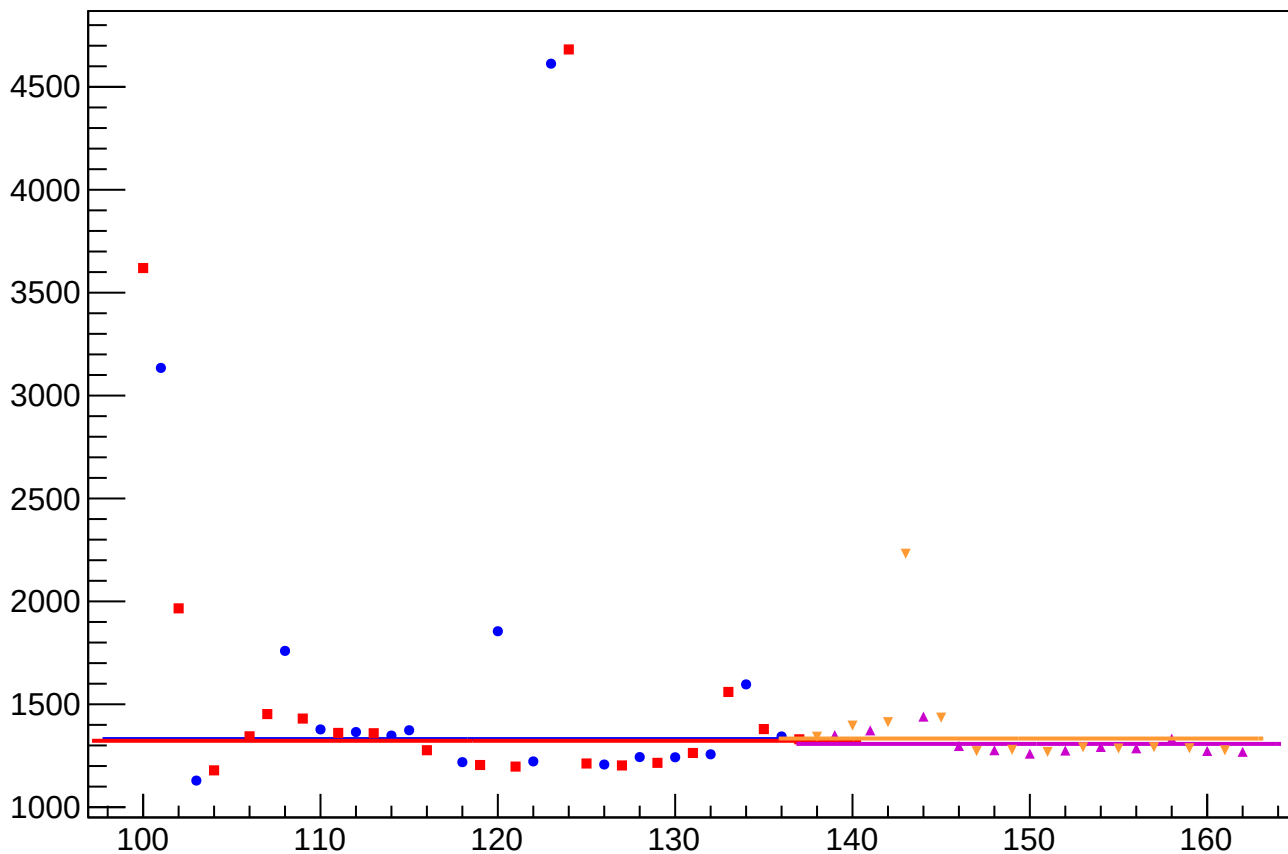
Right: -154.107+/-366.889 χ^2/NDF : 36.8/35

In: 15.834+/-327.939 χ^2/NDF :27.6/28

Out: -428.347+/-329.069 χ^2/NDF :33.8/31

All: -205.492+/-232.286 χ^2/NDF : 62.3/60

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1333.585 $\pm$ 0.304 χ^2 /NDF: 249573.9/12

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

Left In: 1307.528 $\pm$ 0.296 χ^2 /NDF: 28290.2/11

Left: 1320.183 $\pm$ 0.212 χ^2 /NDF: 281630.6/24

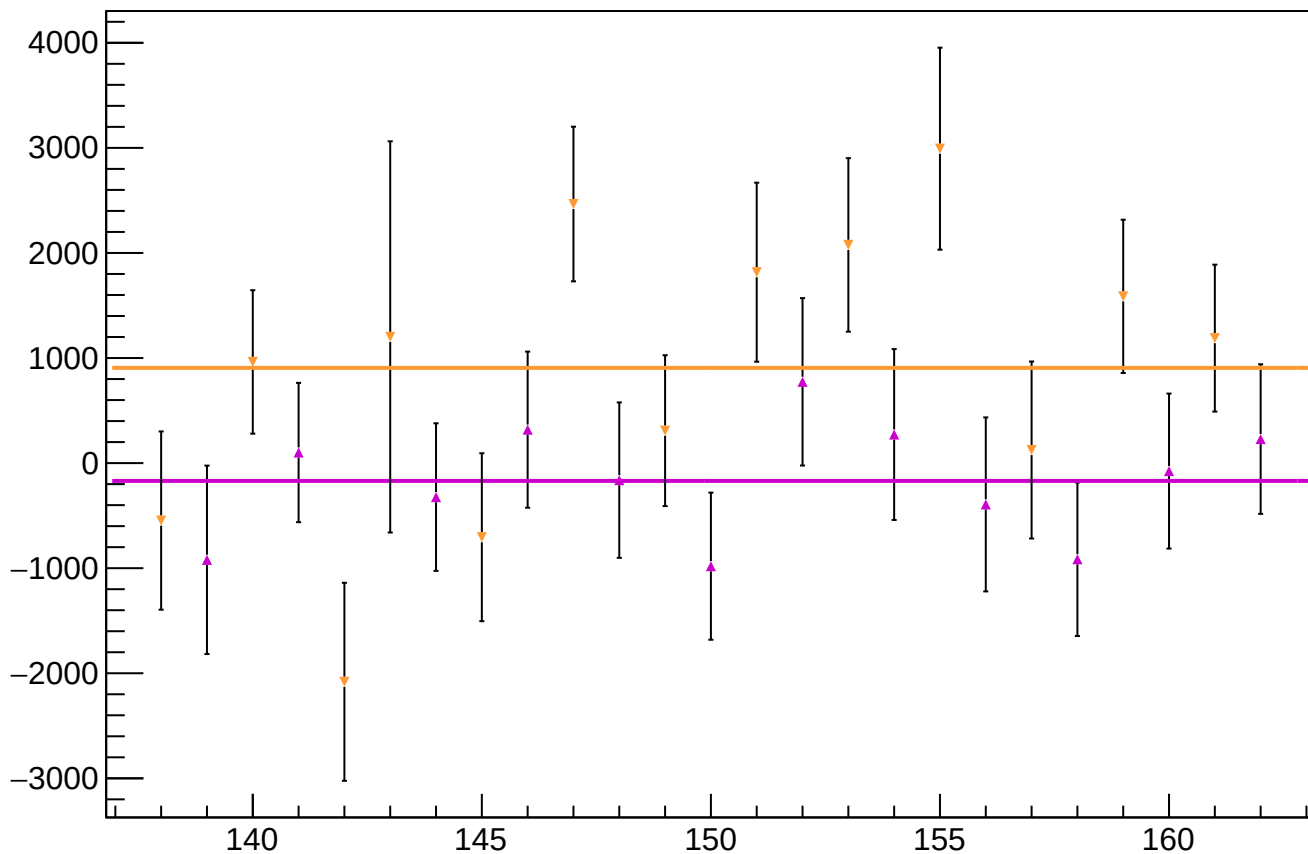
Right: 1326.657 $\pm$ 0.259 χ^2 /NDF: 998136.6/35

In: 1316.541 $\pm$ 0.232 χ^2 /NDF: 634169.5/28

Out: 1329.059 $\pm$ 0.233 χ^2 /NDF: 644518.6/31

All: 1322.778 $\pm$ 0.164 χ^2 /NDF: 1280140.3/60

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 906.405+/-226.080 χ^2/NDF :32.0/12

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

Left In: -169.427+/-215.878 χ^2/NDF :5.8/11

Left: 343.667+/-156.131 χ^2/NDF : 49.7/24

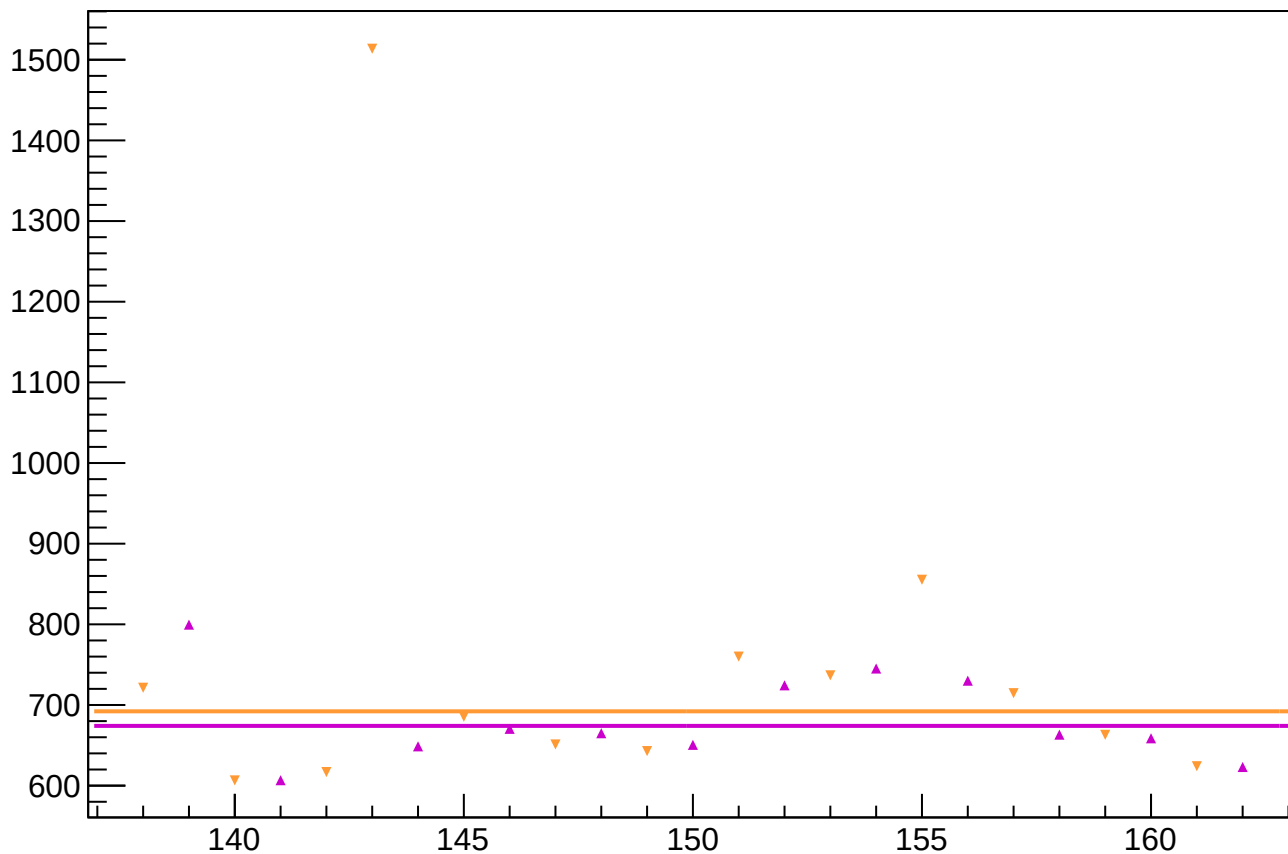
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -169.427+/-215.878 χ^2/NDF :5.8/11

Out: 906.405+/-226.080 χ^2/NDF :32.0/12

All: 343.667+/-156.131 χ^2/NDF : 49.7/24

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 692.145+/-0.160 χ^2/NDF :551616.4/12

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

Left In: 674.081+/-0.153 χ^2/NDF :109067.9/11

Left: 682.696+/-0.110 χ^2/NDF : 667363.1/24

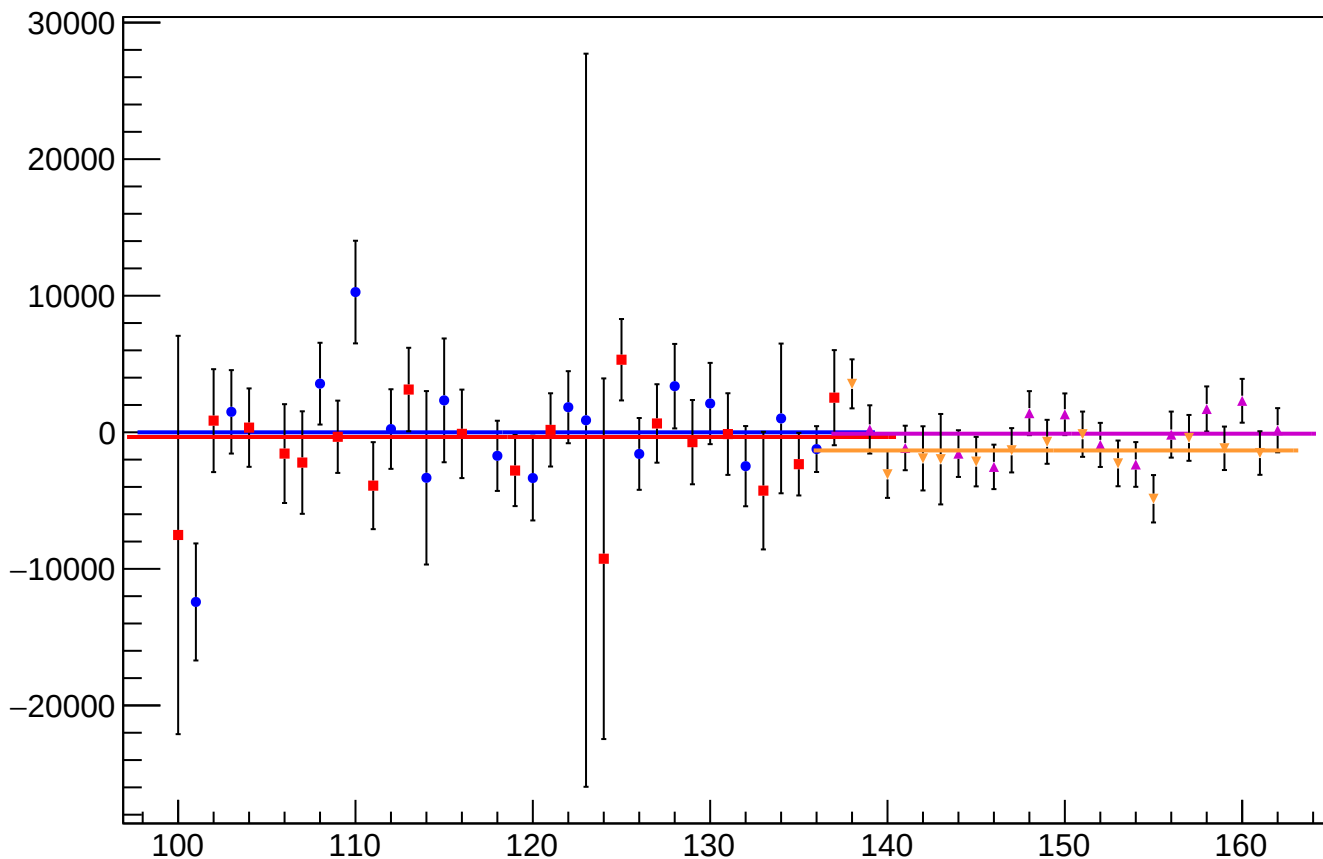
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 674.081+/-0.153 χ^2/NDF :109067.9/11

Out: 692.145+/-0.160 χ^2/NDF :551616.4/12

All: 682.696+/-0.110 χ^2/NDF : 667363.1/24

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -1330.057 ± 488.890 χ^2/NDF : 14.2/12

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

Left In: -103.231 ± 472.678 χ^2/NDF : 10.8/11

Left: -695.965 ± 339.821 χ^2/NDF : 28.2/24

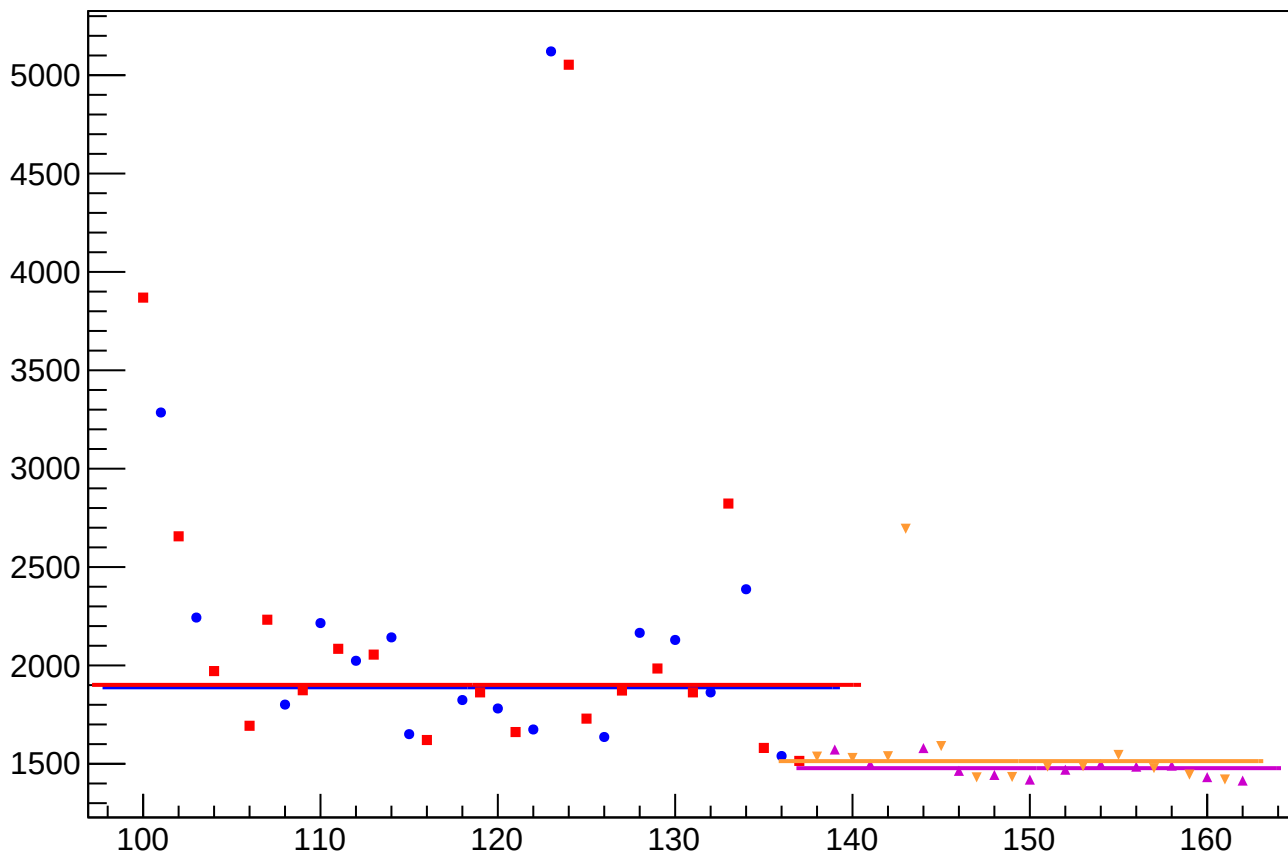
Right: -176.305 ± 522.783 χ^2/NDF : 34.3/35

In: -74.238 ± 399.132 χ^2/NDF : 34.3/28

Out: -1027.230 ± 406.847 χ^2/NDF : 26.1/31

All: -541.612 ± 284.917 χ^2/NDF : 63.2/60

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810 $\pm$ 0.527 χ^2 /NDF: 465842.8/16

Left Out: 1513.689 $\pm$ 0.346 χ^2 /NDF: 282106.4/12

Right Out: 1901.248 $\pm$ 0.519 χ^2 /NDF: 461424.3/18

Left In: 1477.867 $\pm$ 0.334 χ^2 /NDF: 22304.0/11

Left: 1495.175 $\pm$ 0.240 χ^2 /NDF: 309960.2/24

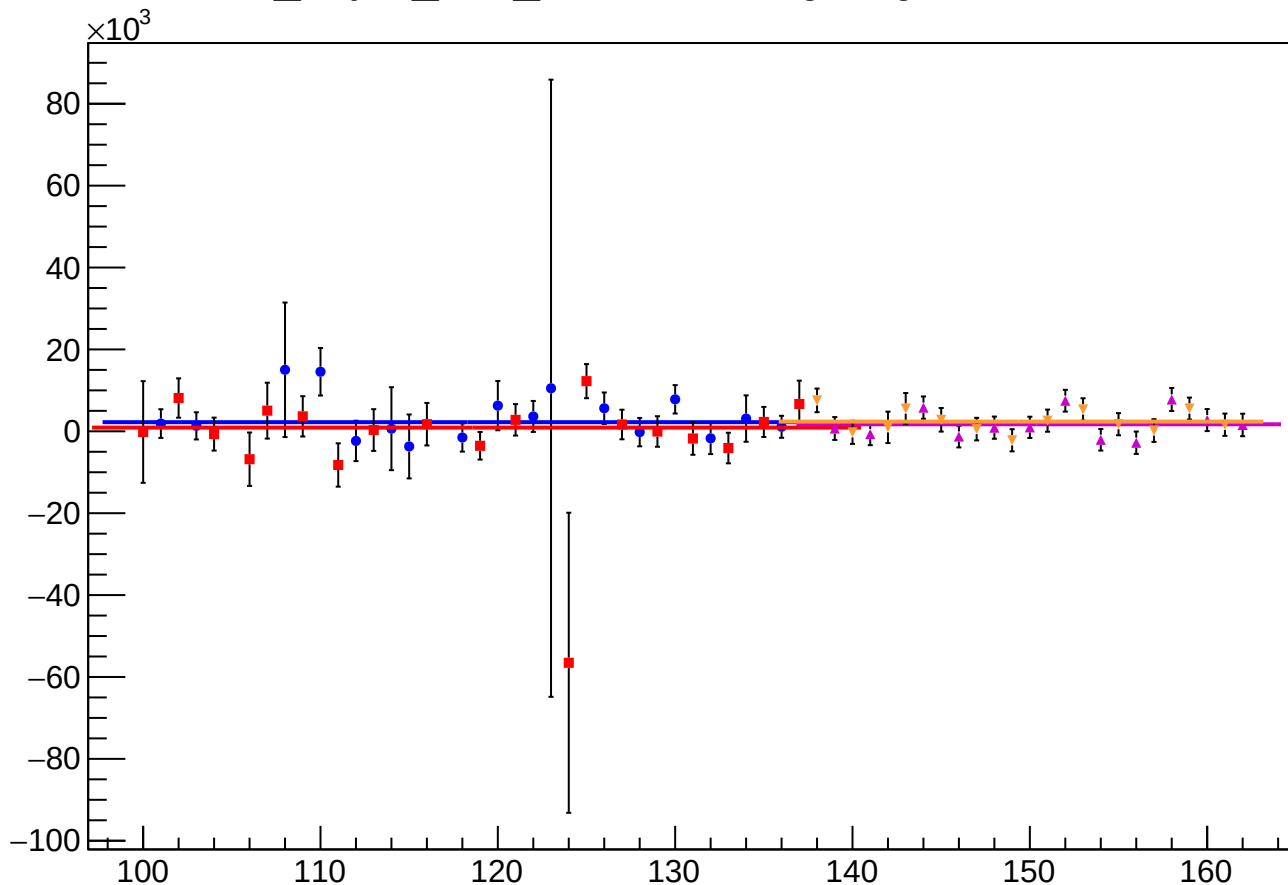
Right: 1895.125 $\pm$ 0.370 χ^2 /NDF: 927550.0/35

In: 1595.800 $\pm$ 0.282 χ^2 /NDF: 921973.1/28

Out: 1632.853 $\pm$ 0.288 χ^2 /NDF: 1129977.6/31

All: 1613.972 $\pm$ 0.201 χ^2 /NDF: 2060404.0/60

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517 $\pm$ 1039.288 χ^2 /NDF: 13.6/16

Left Out: 2374.448 $\pm$ 794.719 χ^2 /NDF:11.6/12

Right Out: 907.837 $\pm$ 1046.878 χ^2 /NDF: 22.9/18

Left In: 1713.176 $\pm$ 780.498 χ^2 /NDF:18.8/11

Left: 2037.842 $\pm$ 556.855 χ^2 /NDF: 30.8/24

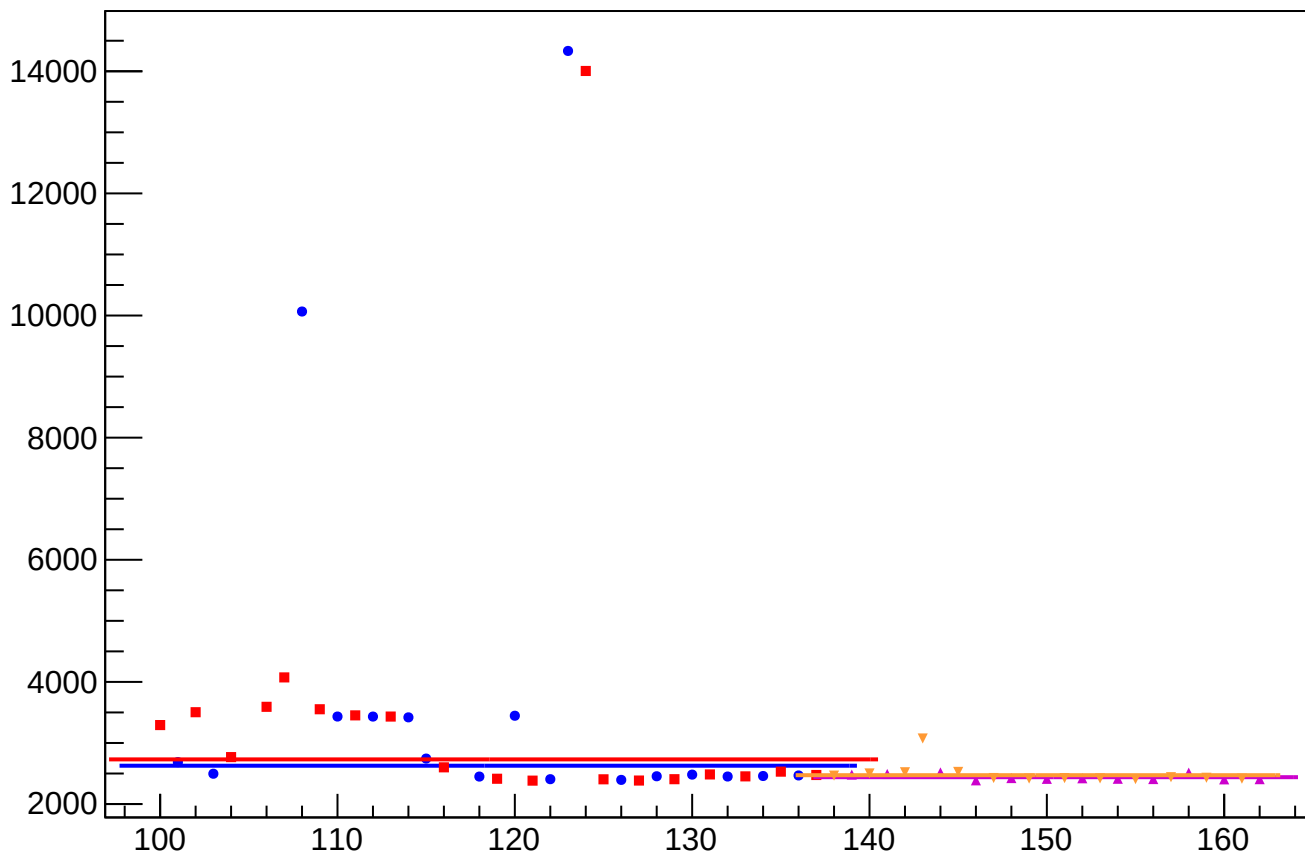
Right: 1572.479 $\pm$ 737.556 χ^2 /NDF: 37.3/35

In: 1898.652 $\pm$ 624.101 χ^2 /NDF:32.5/28

Out: 1838.261 $\pm$ 632.990 χ^2 /NDF:35.7/31

All: 1868.884 $\pm$ 444.415 χ^2 /NDF: 68.3/60

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570+/-0.735 χ^2/NDF : 644396.7/16

Left Out: 2472.419+/-0.562 χ^2/NDF : 56542.6/12

Right Out: 2731.271+/-0.740 χ^2/NDF : 598207.5/18

Left In: 2439.757+/-0.552 χ^2/NDF : 6482.2/11

Left: 2455.793+/-0.394 χ^2/NDF : 64744.4/24

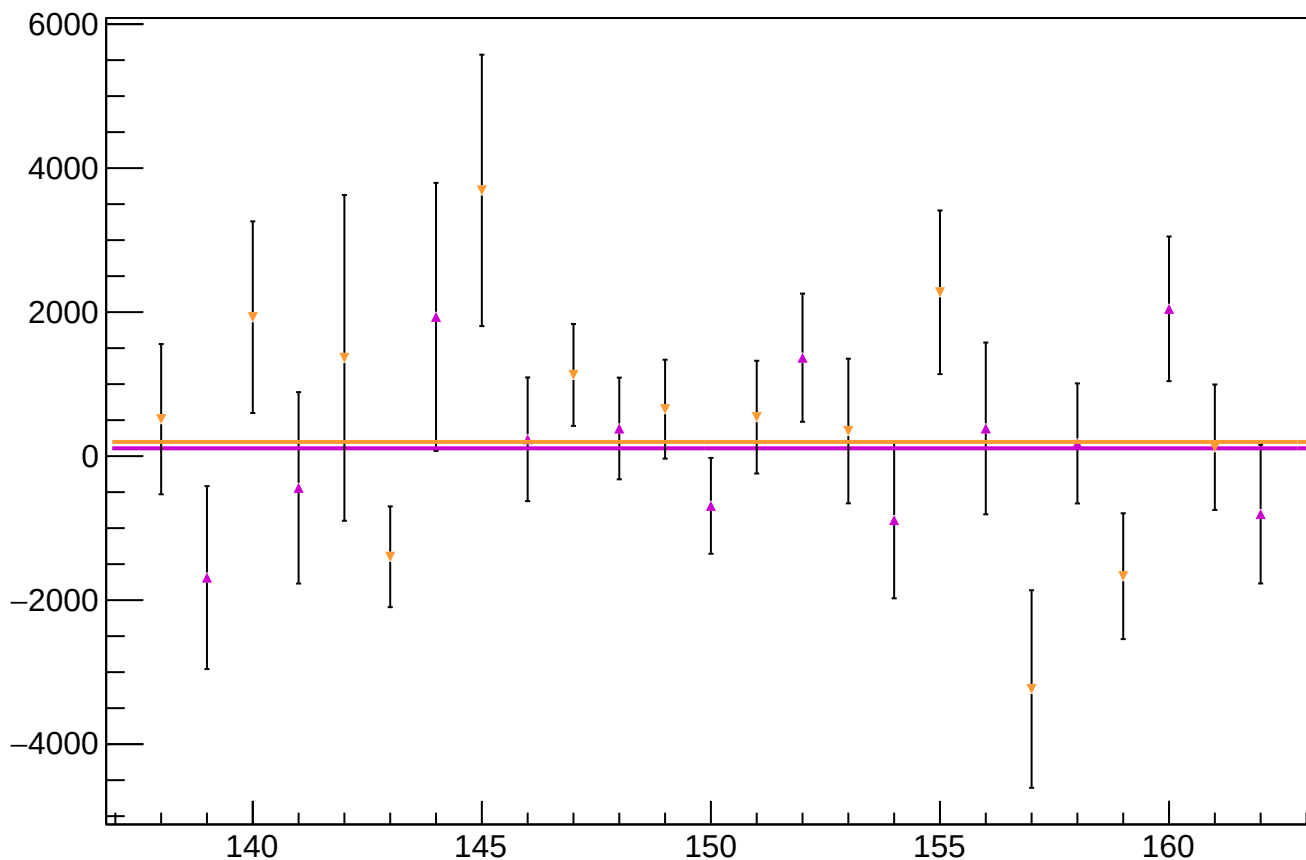
Right: 2679.043+/-0.522 χ^2/NDF : 1252488.0/35

In: 2507.484+/-0.441 χ^2/NDF : 692640.4/28

Out: 2567.054+/-0.448 χ^2/NDF : 732322.4/31

All: 2536.848+/-0.314 χ^2/NDF : 1433944.5/60

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 197.436+/-261.030 χ^2/NDF : 27.2/12

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

Left In: 108.686+/-273.104 χ^2/NDF : 12.3/11

Left: 155.066+/-188.700 χ^2/NDF : 39.5/24

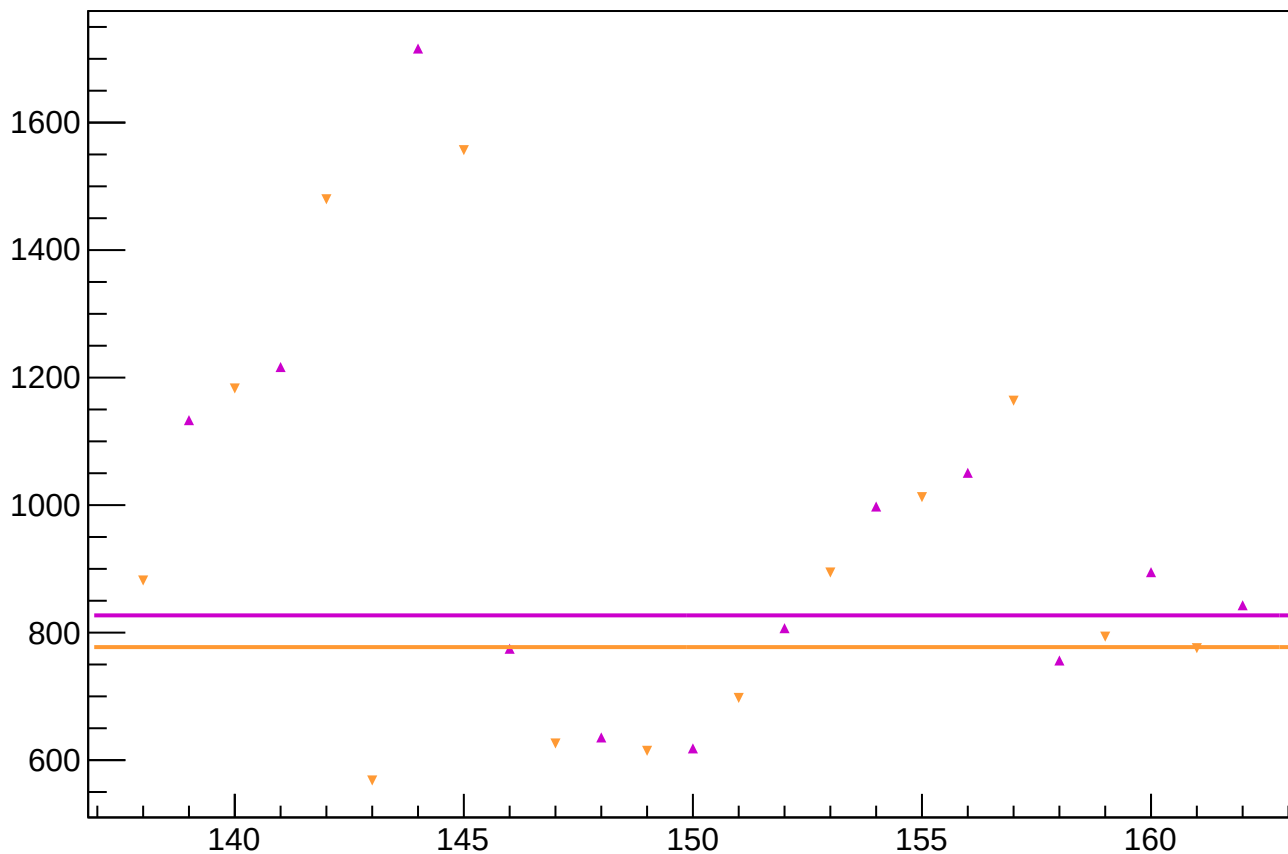
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 108.686+/-273.104 χ^2/NDF : 12.3/11

Out: 197.436+/-261.030 χ^2/NDF : 27.2/12

All: 155.066+/-188.700 χ^2/NDF : 39.5/24

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 777.286+/-0.185 χ^2/NDF :1416175.4/12

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

Left In: 827.051+/-0.193 χ^2/NDF :1239702.7/11

Left: 801.044+/-0.133 χ^2/NDF : 2690582.5/24

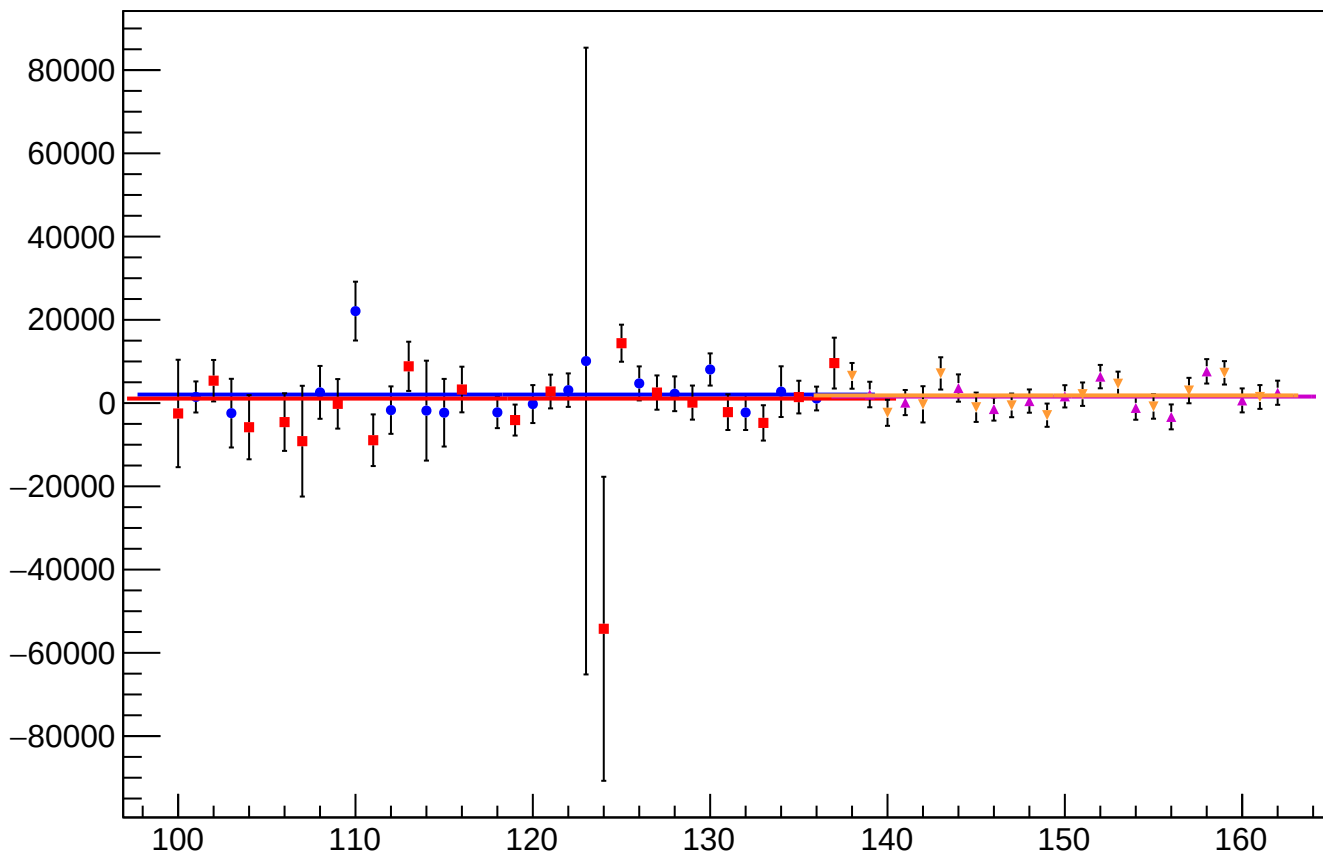
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 827.051+/-0.193 χ^2/NDF :1239702.7/11

Out: 777.286+/-0.185 χ^2/NDF :1416175.4/12

All: 801.044+/-0.133 χ^2/NDF : 2690582.5/24

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2 /NDF: 14.8/16

Left Out: 1841.783+/-853.035 χ^2 /NDF:16.1/12

Right Out: 1080.125+/-1186.666 χ^2 /NDF: 25.3/18

Left In: 1565.420+/-838.287 χ^2 /NDF:12.9/11

Left: 1701.192+/-597.905 χ^2 /NDF: 29.0/24

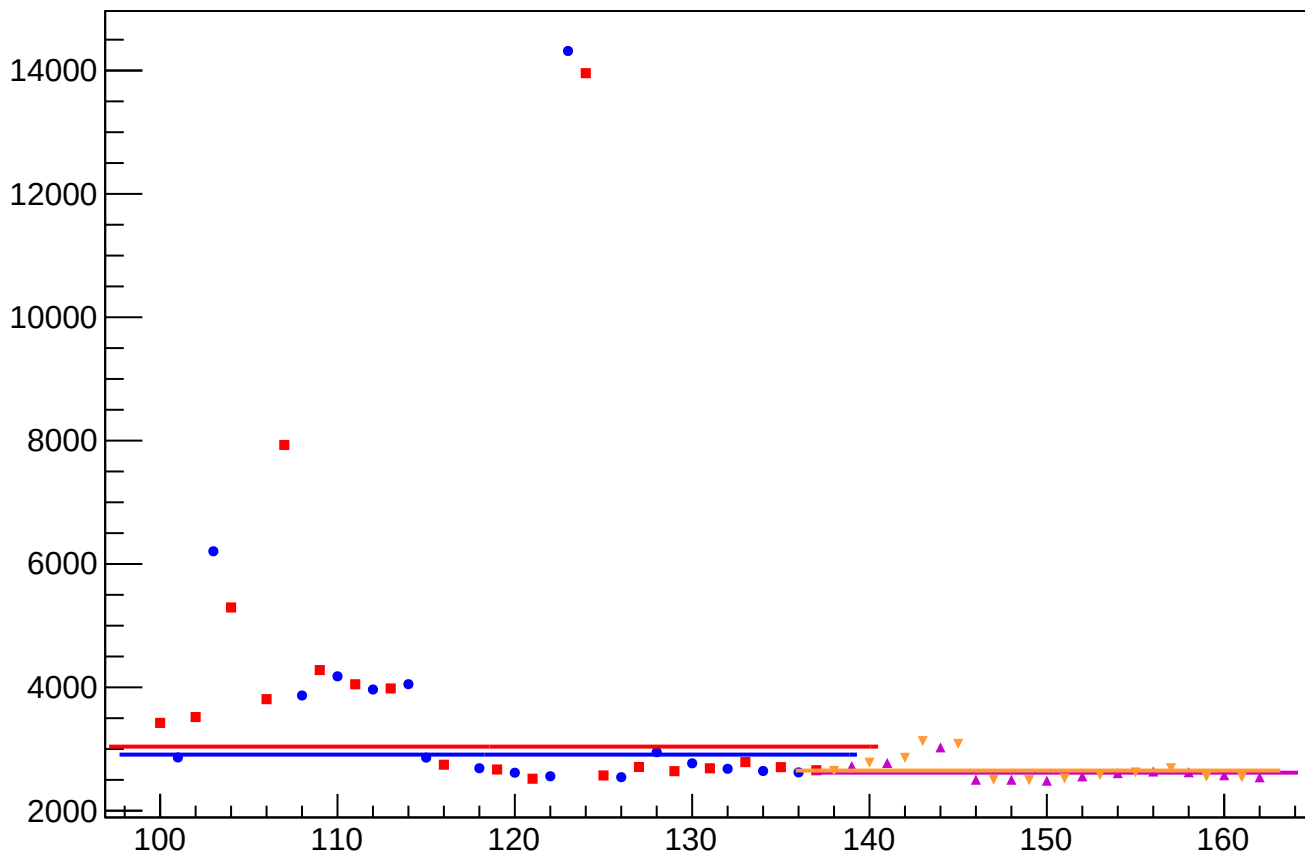
Right: 1573.398+/-826.356 χ^2 /NDF: 40.5/35

In: 1729.067+/-677.703 χ^2 /NDF:27.9/28

Out: 1582.291+/-692.645 χ^2 /NDF:41.7/31

All: 1657.279+/-484.405 χ^2 /NDF: 69.6/60

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF : 641894.7/16

Left Out: 2651.104+/-0.603 χ^2/NDF : 91434.8/12

Right Out: 3039.118+/-0.839 χ^2/NDF : 1011306.5/18

Left In: 2616.945+/-0.593 χ^2/NDF : 53458.8/11

Left: 2633.727+/-0.423 χ^2/NDF : 146525.0/24

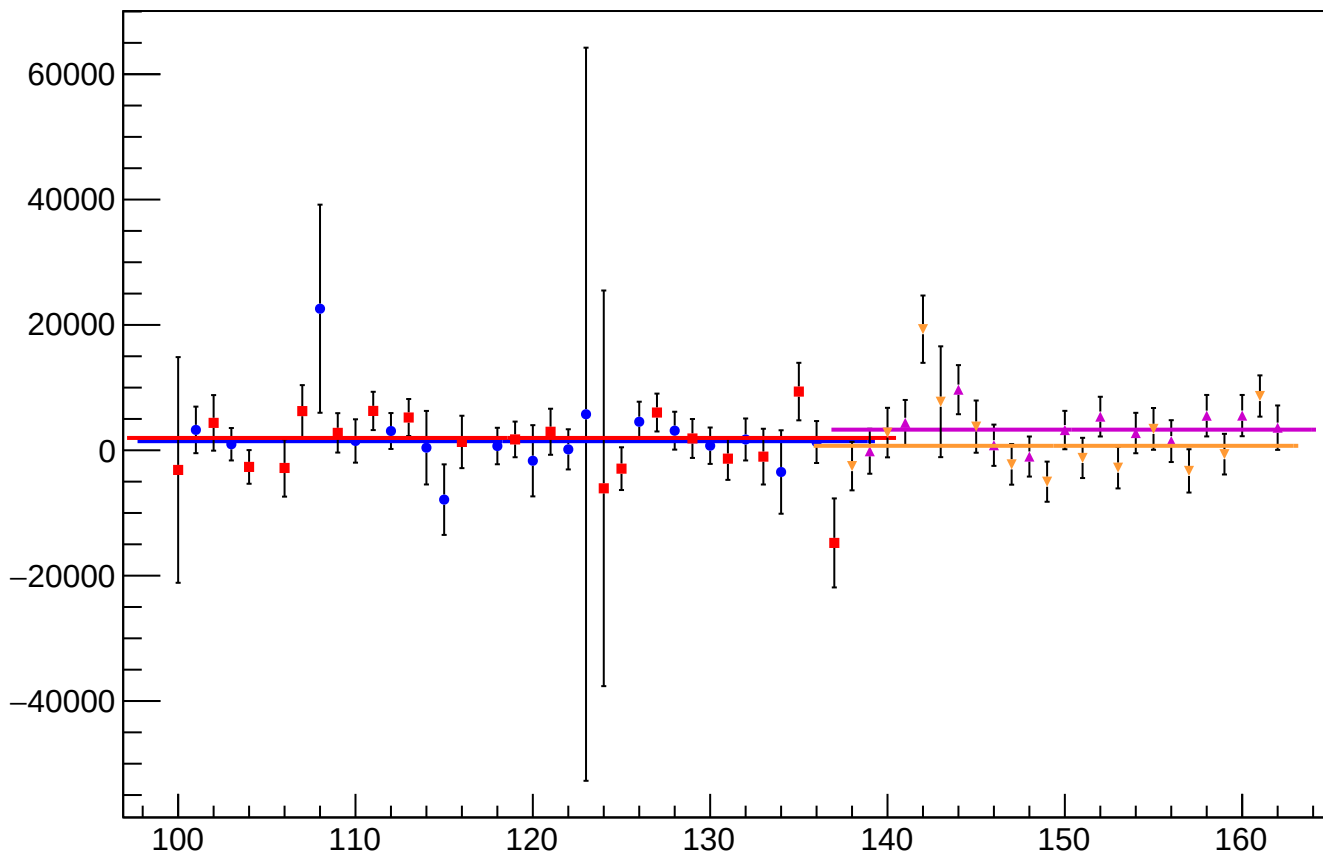
Right: 2972.475+/-0.584 χ^2/NDF : 1665447.8/35

In: 2718.374+/-0.479 χ^2/NDF : 779874.0/28

Out: 2783.298+/-0.490 χ^2/NDF : 1243720.4/31

All: 2750.128+/-0.343 χ^2/NDF : 2032571.8/60

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF : 7.4/16

Left Out: 713.277+/-1011.048 χ^2/NDF :27.7/12

Right Out: 1969.182+/-850.490 χ^2/NDF : 22.4/18

Left In: 3293.283+/-969.633 χ^2/NDF :7.7/11

Left: 2057.203+/-699.817 χ^2/NDF : 38.8/24

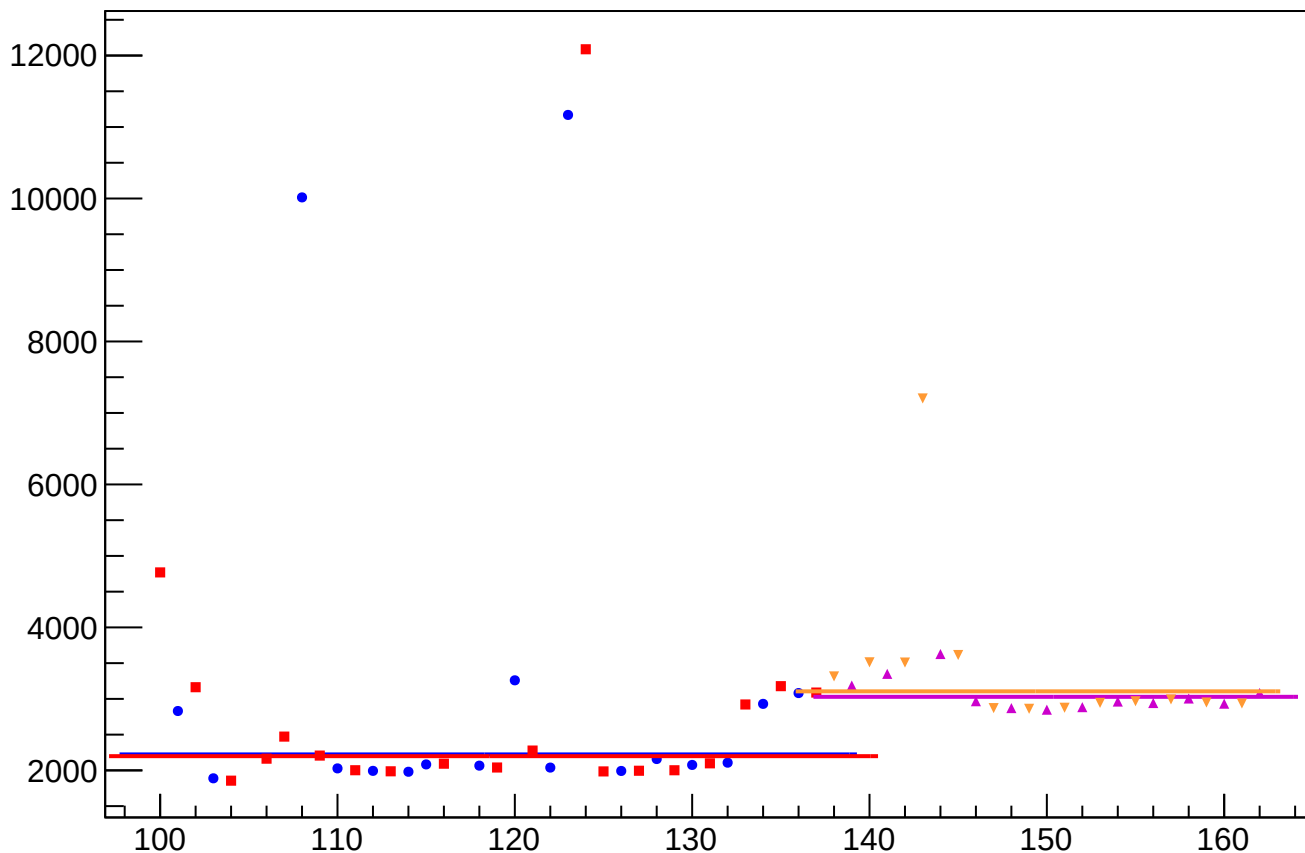
Right: 1722.028+/-614.553 χ^2/NDF : 30.0/35

In: 2292.909+/-655.276 χ^2/NDF :17.1/28

Out: 1448.752+/-650.841 χ^2/NDF :50.9/31

All: 1867.964+/-461.774 χ^2/NDF : 68.9/60

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF : 850289.4/16

Left Out: 3105.563+/-0.715 χ^2/NDF : 550257.2/12

Right Out: 2198.760+/-0.601 χ^2/NDF : 602418.1/18

Left In: 3028.928+/-0.686 χ^2/NDF : 87197.0/11

Left: 3065.644+/-0.495 χ^2/NDF : 643439.6/24

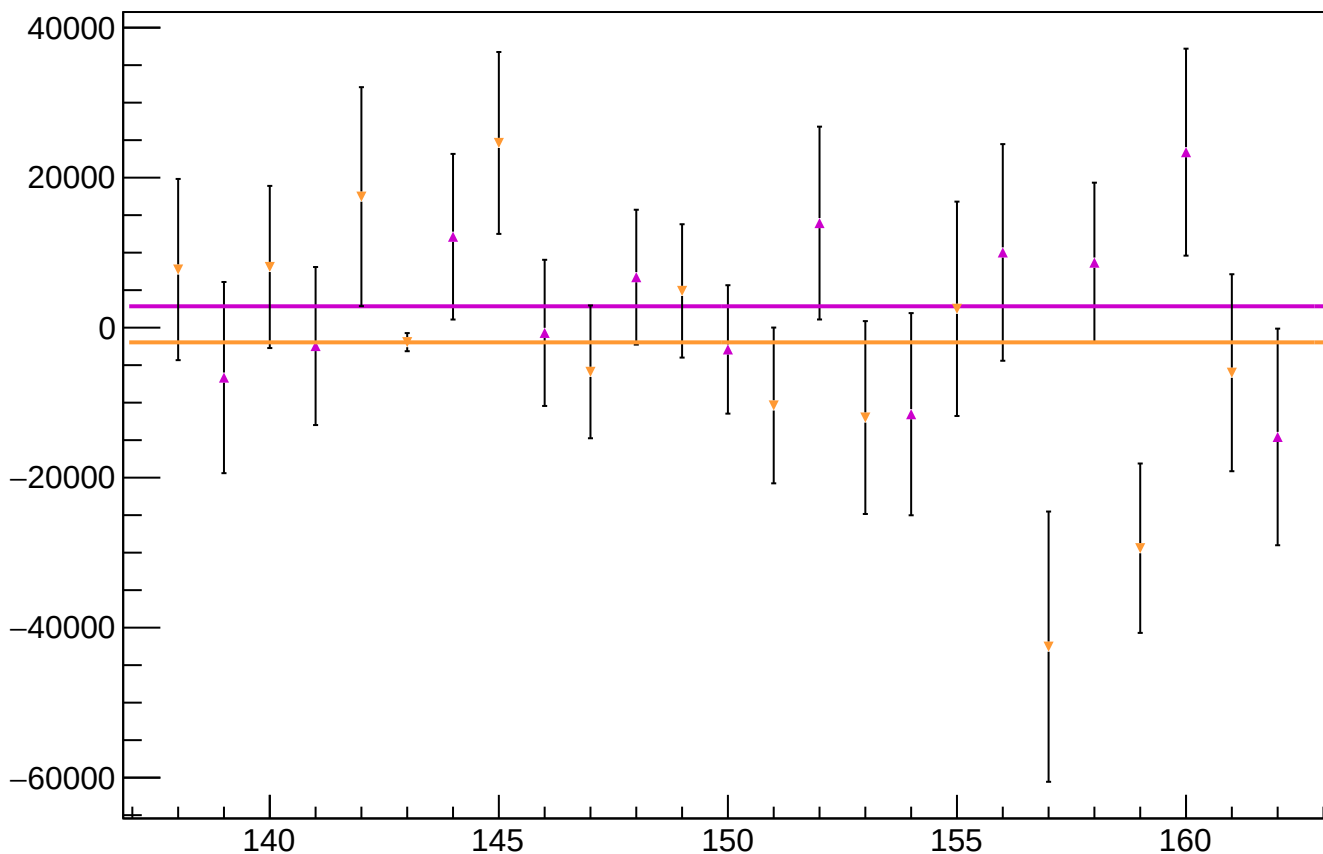
Right: 2210.398+/-0.434 χ^2/NDF : 1453492.9/35

In: 2591.141+/-0.463 χ^2/NDF : 1687904.1/28

Out: 2574.208+/-0.460 χ^2/NDF : 2095397.5/31

All: 2582.614+/-0.326 χ^2/NDF : 3783974.2/60

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1960.560+/-1136.832 χ^2/NDF :21.3/12

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

Left In: 2848.980+/-3242.526 χ^2/NDF :8.4/11

Left: -1434.082+/-1072.808 χ^2/NDF : 31.7/24

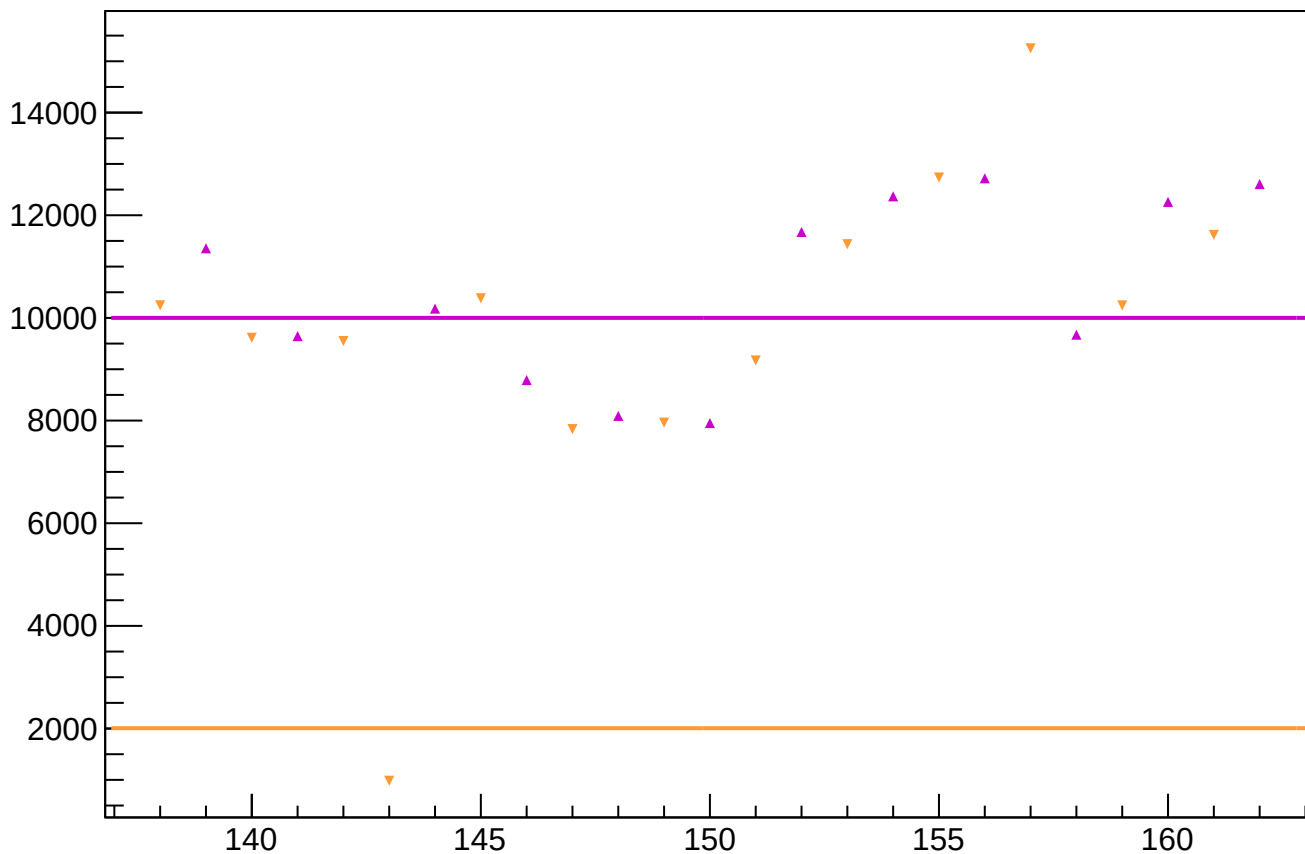
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2848.980+/-3242.526 χ^2/NDF :8.4/11

Out: -1960.560+/-1136.832 χ^2/NDF :21.3/12

All: -1434.082+/-1072.808 χ^2/NDF : 31.7/24

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2006.398+/-0.804 χ^2/NDF :12976981.3/12

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

Left In: 10000.757+/-2.293 χ^2/NDF :548357.4/11

Left: 2881.503+/-0.759 χ^2/NDF : 24351668.3/24

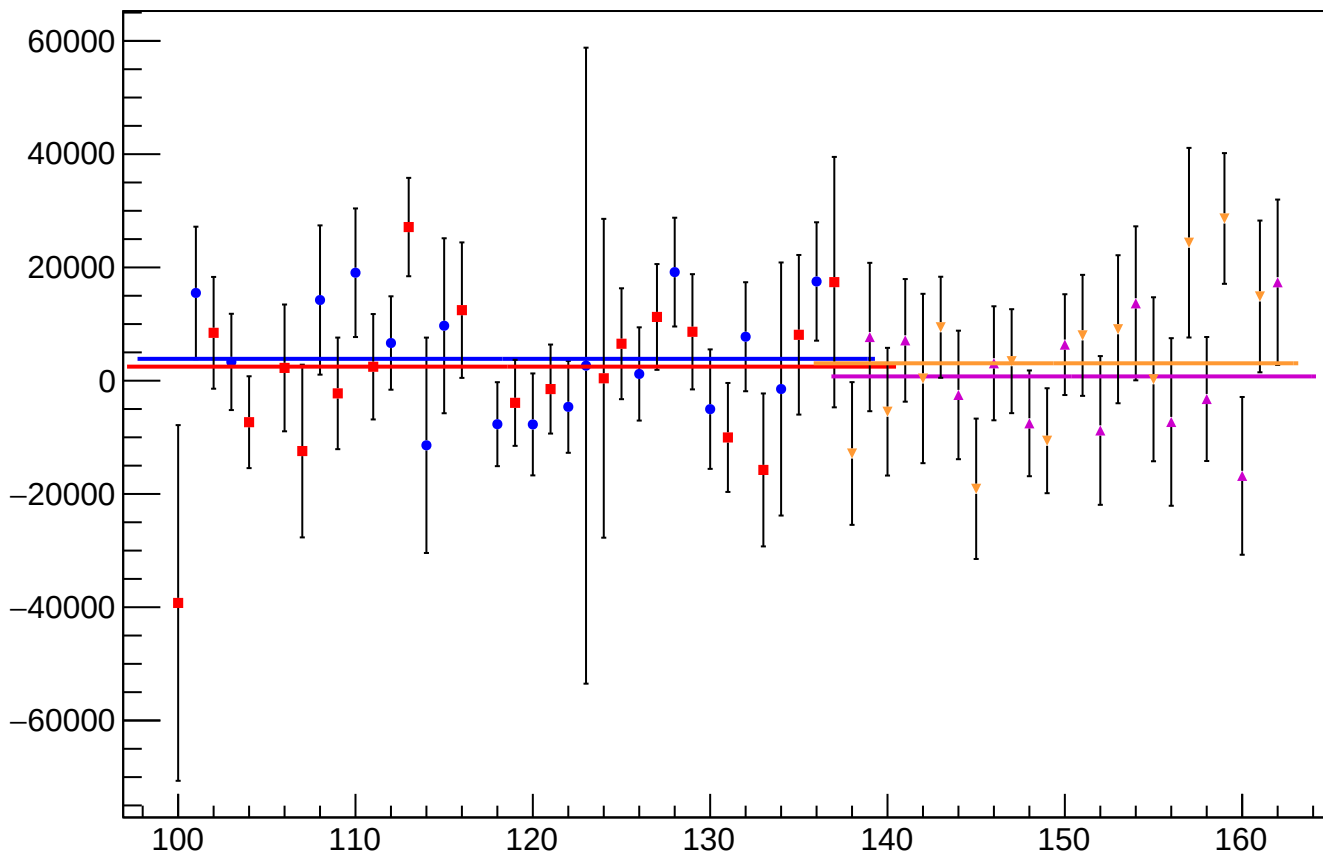
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10000.757+/-2.293 χ^2/NDF :548357.4/11

Out: 2006.398+/-0.804 χ^2/NDF :12976981.3/12

All: 2881.503+/-0.759 χ^2/NDF : 24351668.3/24

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: 3073.643 $\pm$ 3206.549 χ^2 /NDF:15.9/12

Right Out: 2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

Left In: 757.329 $\pm$ 3332.536 χ^2 /NDF:6.7/11

Left: 1960.097 $\pm$ 2310.629 χ^2 /NDF: 22.8/24

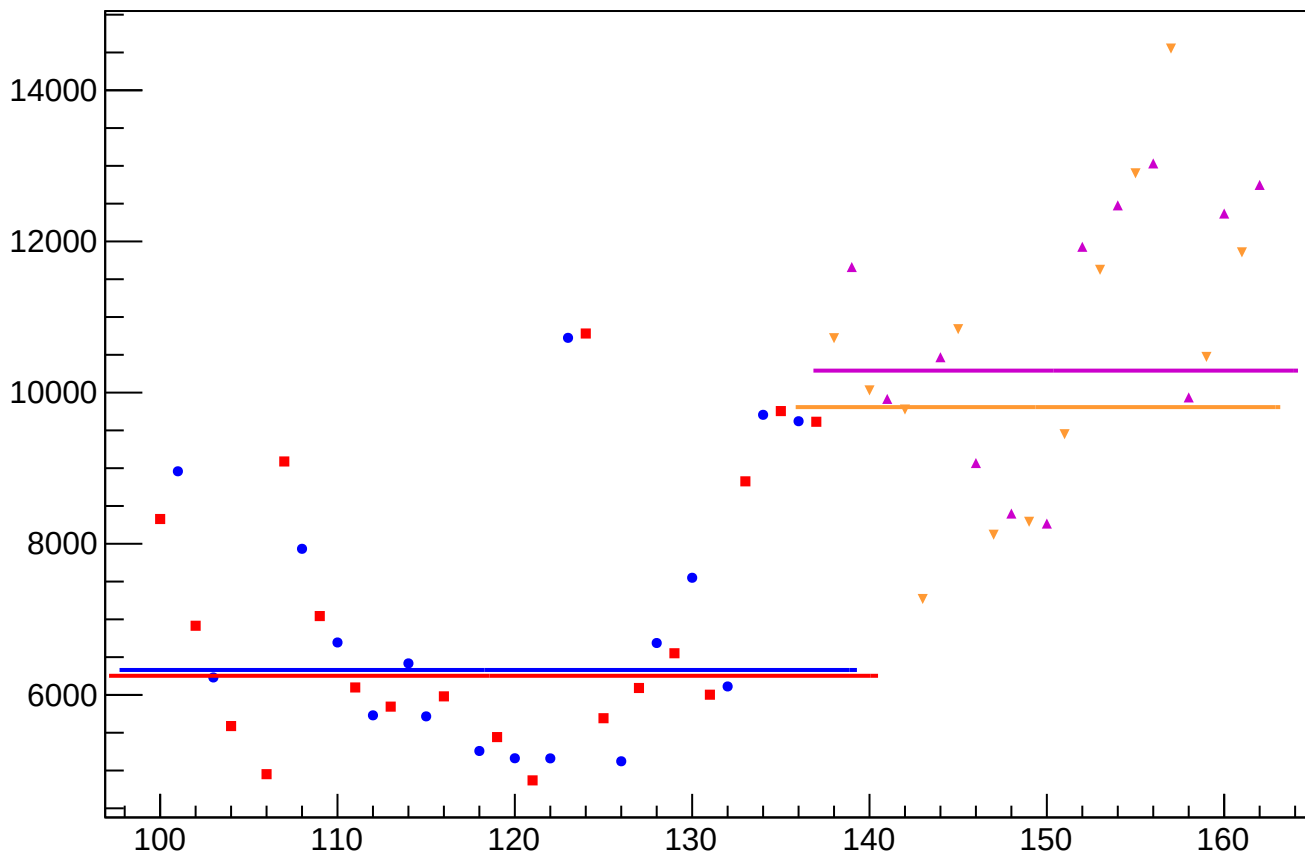
Right: 3146.972 $\pm$ 1742.228 χ^2 /NDF: 35.0/35

In: 2737.592 $\pm$ 2004.315 χ^2 /NDF:22.0/28

Out: 2697.437 $\pm$ 1932.294 χ^2 /NDF:35.9/31

All: 2716.780 $\pm$ 1391.103 χ^2 /NDF: 57.9/60

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 9808.107+/-2.267 χ^2/NDF : 654396.5/12

Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

Left In: 10290.876+/-2.356 χ^2/NDF : 494365.0/11

Left: 10040.194+/-1.634 χ^2/NDF : 1170555.8/24

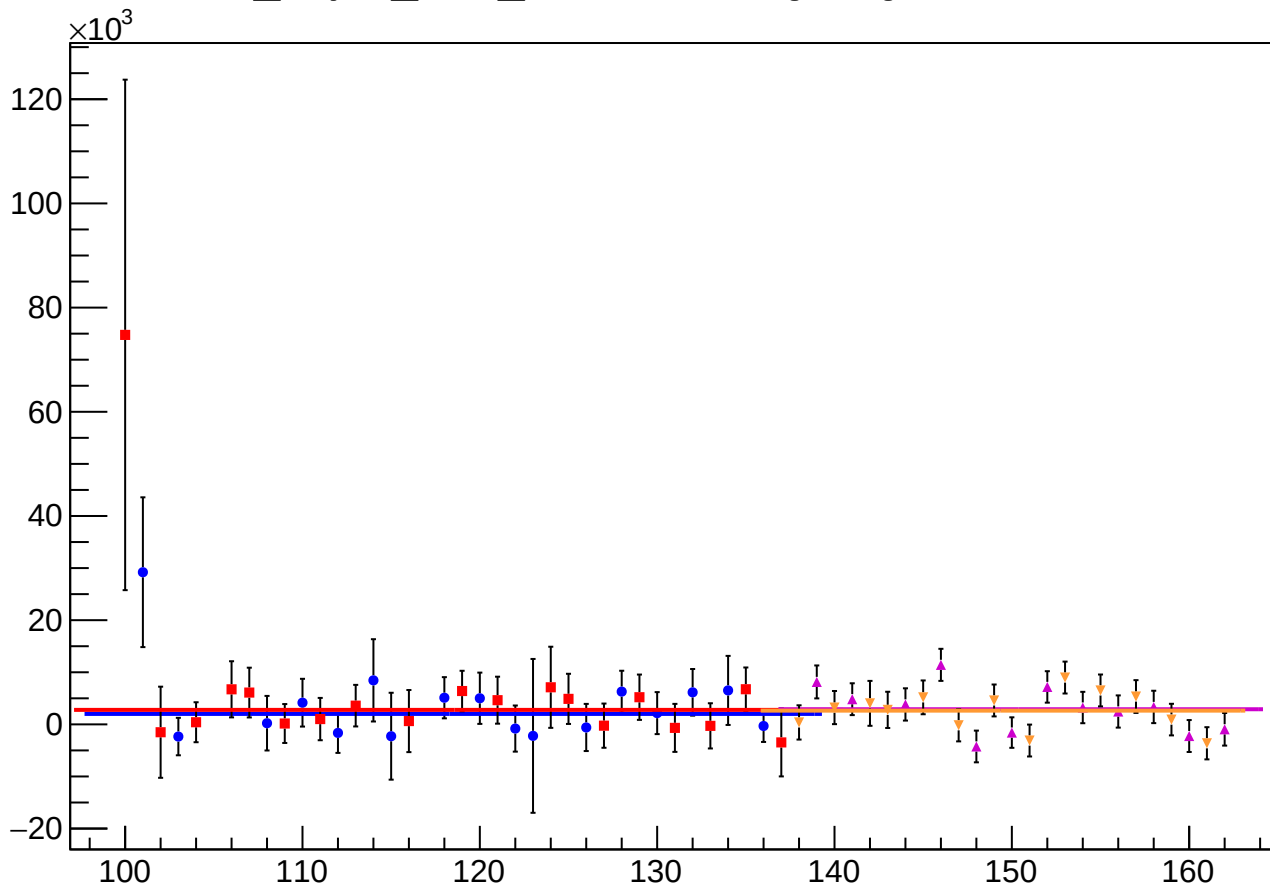
Right: 6290.444+/-1.232 χ^2/NDF : 1129725.5/35

In: 7762.937+/-1.417 χ^2/NDF : 2890804.1/28

Out: 7544.126+/-1.366 χ^2/NDF : 2755202.2/31

All: 7649.527+/-0.984 χ^2/NDF : 5658360.7/60

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383 $\pm$ 1134.240 χ^2 /NDF: 12.1/16

Left Out: 2637.552 $\pm$ 887.742 χ^2 /NDF:17.1/12

Right Out: 2781.006 $\pm$ 1086.164 χ^2 /NDF: 9.9/18

Left In: 2903.589 $\pm$ 884.419 χ^2 /NDF:25.1/11

Left: 2771.069 $\pm$ 626.550 χ^2 /NDF: 42.3/24

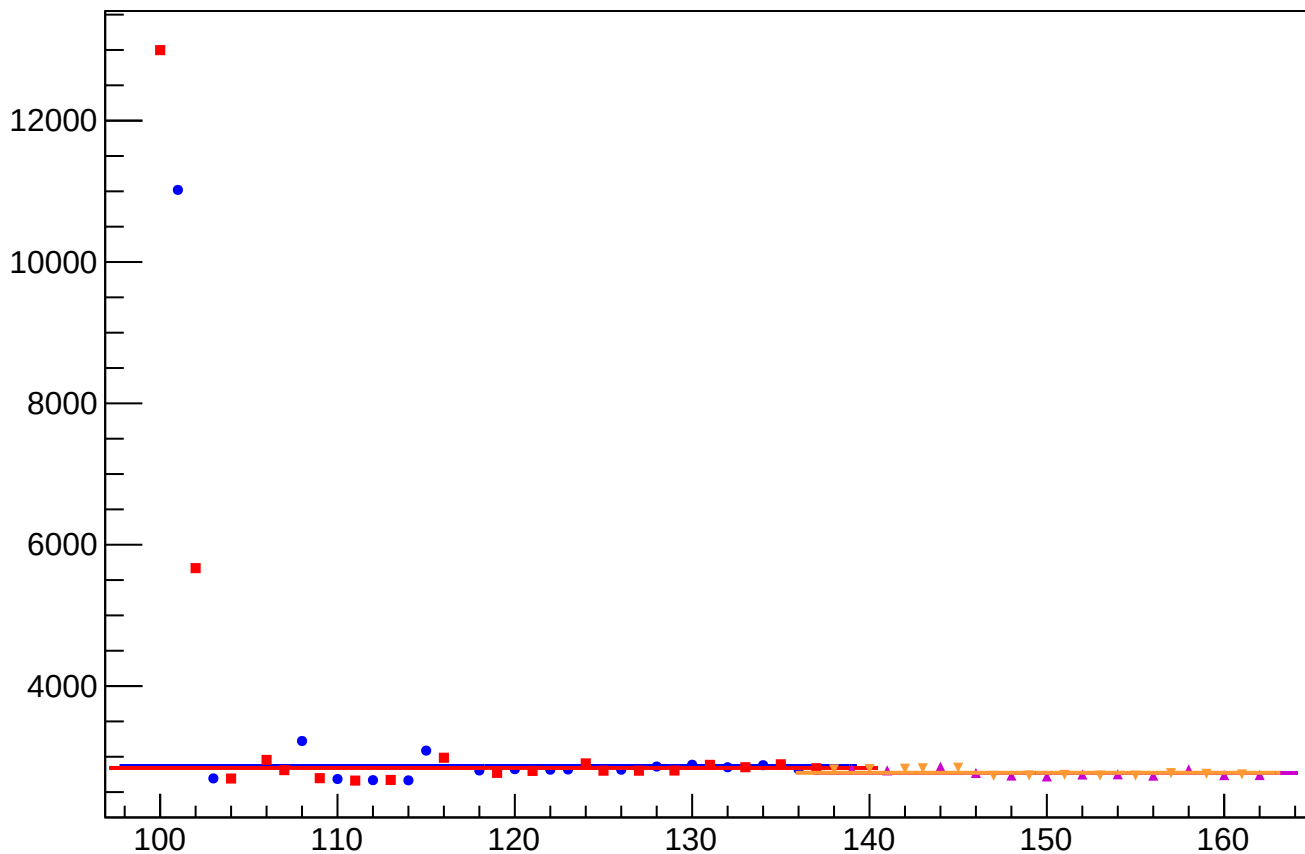
Right: 2409.980 $\pm$ 784.479 χ^2 /NDF: 22.2/35

In: 2563.967 $\pm$ 697.452 χ^2 /NDF:37.6/28

Out: 2695.003 $\pm$ 687.365 χ^2 /NDF:27.0/31

All: 2630.439 $\pm$ 489.568 χ^2 /NDF: 64.6/60

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197 $\pm$ 0.802 χ^2 /NDF: 669900.5/16

Left Out: 2773.228 $\pm$ 0.628 χ^2 /NDF: 4744.1/12

Right Out: 2841.561 $\pm$ 0.768 χ^2 /NDF: 312523.0/18

Left In: 2770.137 $\pm$ 0.625 χ^2 /NDF: 4646.6/11

Left: 2771.676 $\pm$ 0.443 χ^2 /NDF: 9402.9/24

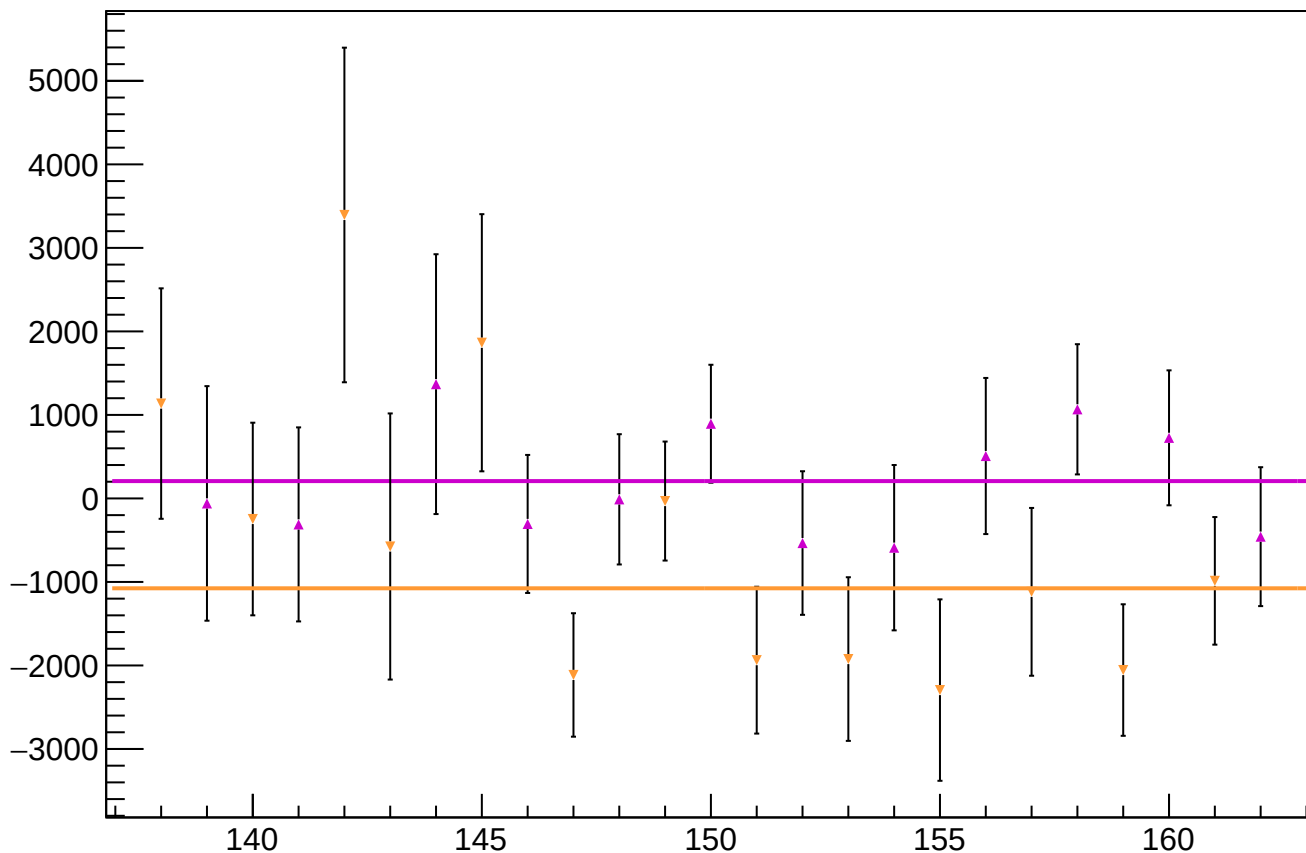
Right: 2854.781 $\pm$ 0.555 χ^2 /NDF: 983042.8/35

In: 2807.593 $\pm$ 0.493 χ^2 /NDF: 684034.1/28

Out: 2800.594 $\pm$ 0.486 χ^2 /NDF: 322012.8/31

All: 2804.042 $\pm$ 0.346 χ^2 /NDF: 1006149.1/60

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -1076.141 ± 270.745 $\chi^2/\text{NDF}: 20.5/12$

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

Left In: 207.559 ± 258.914 $\chi^2/\text{NDF}: 6.0/11$

Left: -405.630 ± 187.123 $\chi^2/\text{NDF}: 38.2/24$

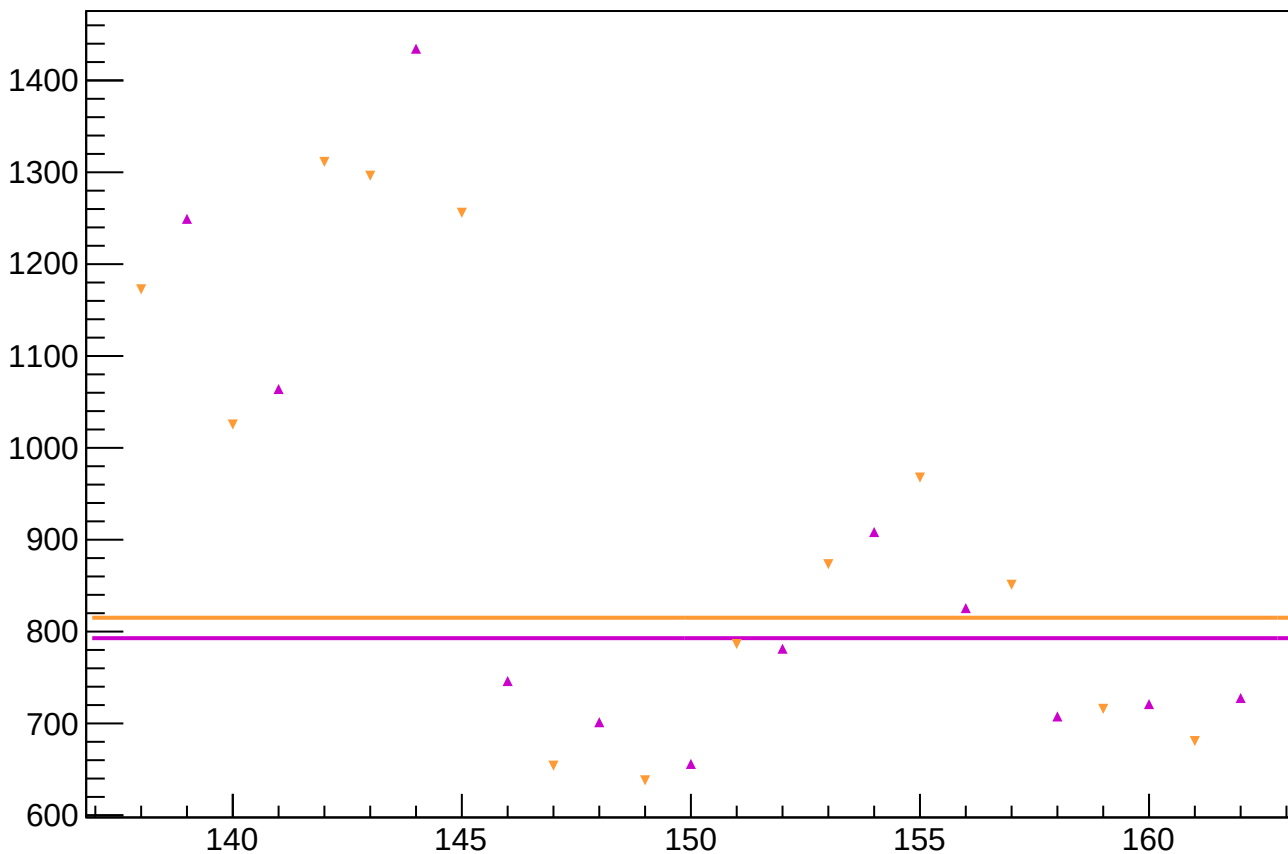
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 207.559 ± 258.914 $\chi^2/\text{NDF}: 6.0/11$

Out: -1076.141 ± 270.745 $\chi^2/\text{NDF}: 20.5/12$

All: -405.630 ± 187.123 $\chi^2/\text{NDF}: 38.2/24$

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 815.090+/-0.191 χ^2/NDF :1033047.7/12

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

Left In: 792.829+/-0.183 χ^2/NDF :851808.3/11

Left: 803.462+/-0.132 χ^2/NDF : 1891918.1/24

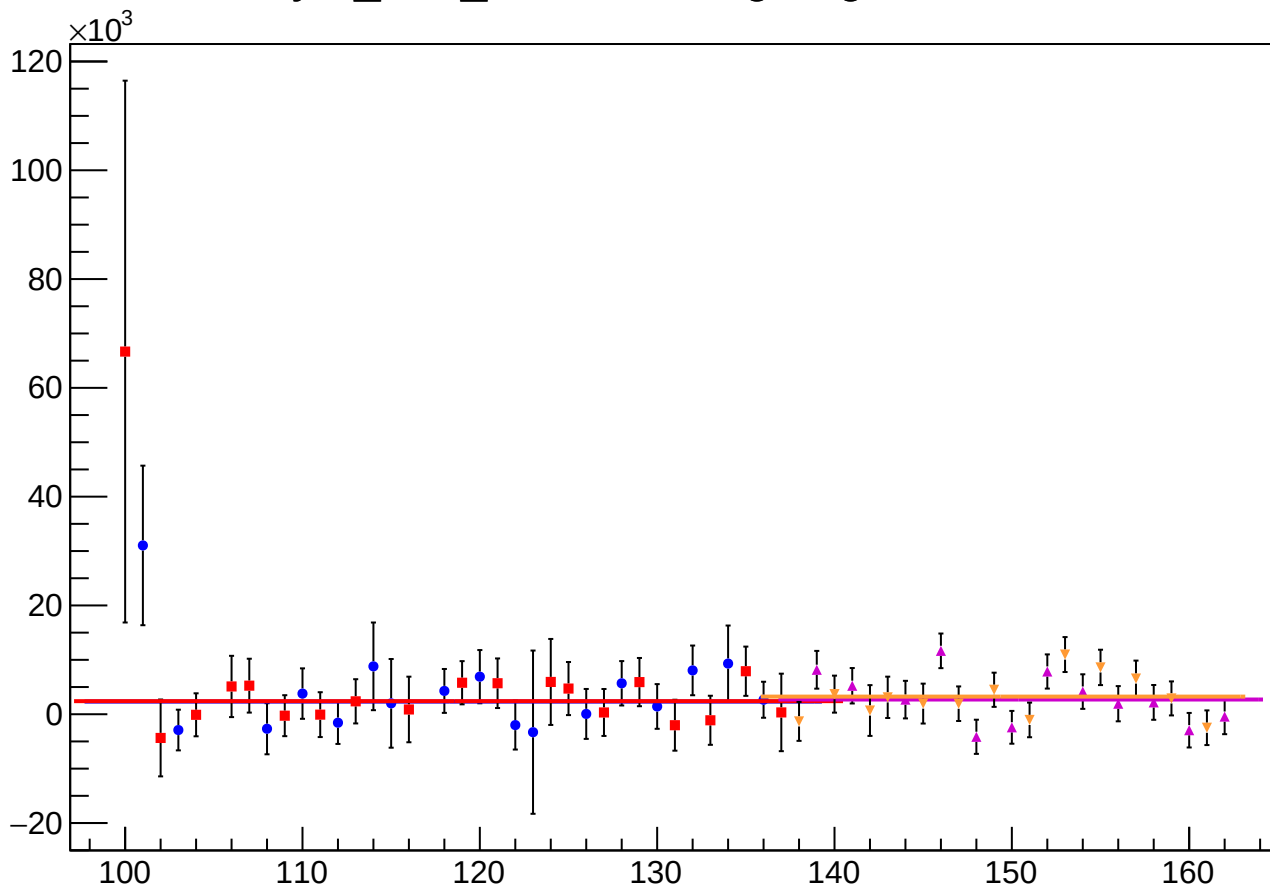
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 792.829+/-0.183 χ^2/NDF :851808.3/11

Out: 815.090+/-0.191 χ^2/NDF :1033047.7/12

All: 803.462+/-0.132 χ^2/NDF : 1891918.1/24

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134+/-1156.555 χ^2/NDF : 14.4/16

Left Out: 3241.365+/-937.720 χ^2/NDF :17.0/12

Right Out: 2403.750+/-1110.093 χ^2/NDF : 10.1/18

Left In: 2705.190+/-928.824 χ^2/NDF :25.7/11

Left: 2970.722+/-659.900 χ^2/NDF : 42.8/24

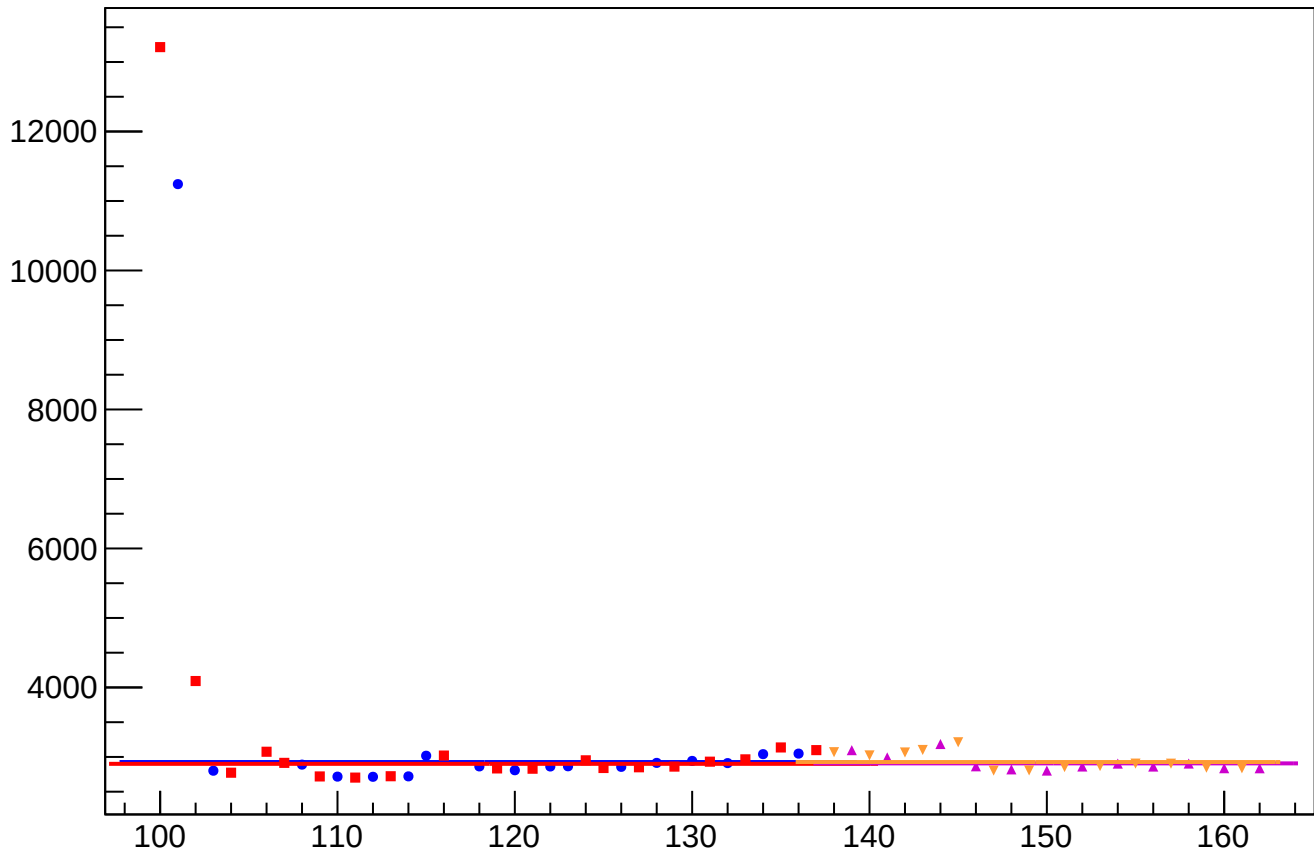
Right: 2368.450+/-800.876 χ^2/NDF : 24.5/35

In: 2558.137+/-724.195 χ^2/NDF :40.1/28

Out: 2892.567+/-716.348 χ^2/NDF :27.4/31

All: 2727.174+/-509.286 χ^2/NDF : 67.6/60

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610 $\pm$ 0.818 χ^2 /NDF: 662794.4/16

Left Out: 2926.742 $\pm$ 0.663 χ^2 /NDF: 33465.1/12

Right Out: 2900.827 $\pm$ 0.785 χ^2 /NDF: 169866.6/18

Left In: 2907.446 $\pm$ 0.657 χ^2 /NDF: 27337.2/11

Left: 2917.002 $\pm$ 0.467 χ^2 /NDF: 61229.7/24

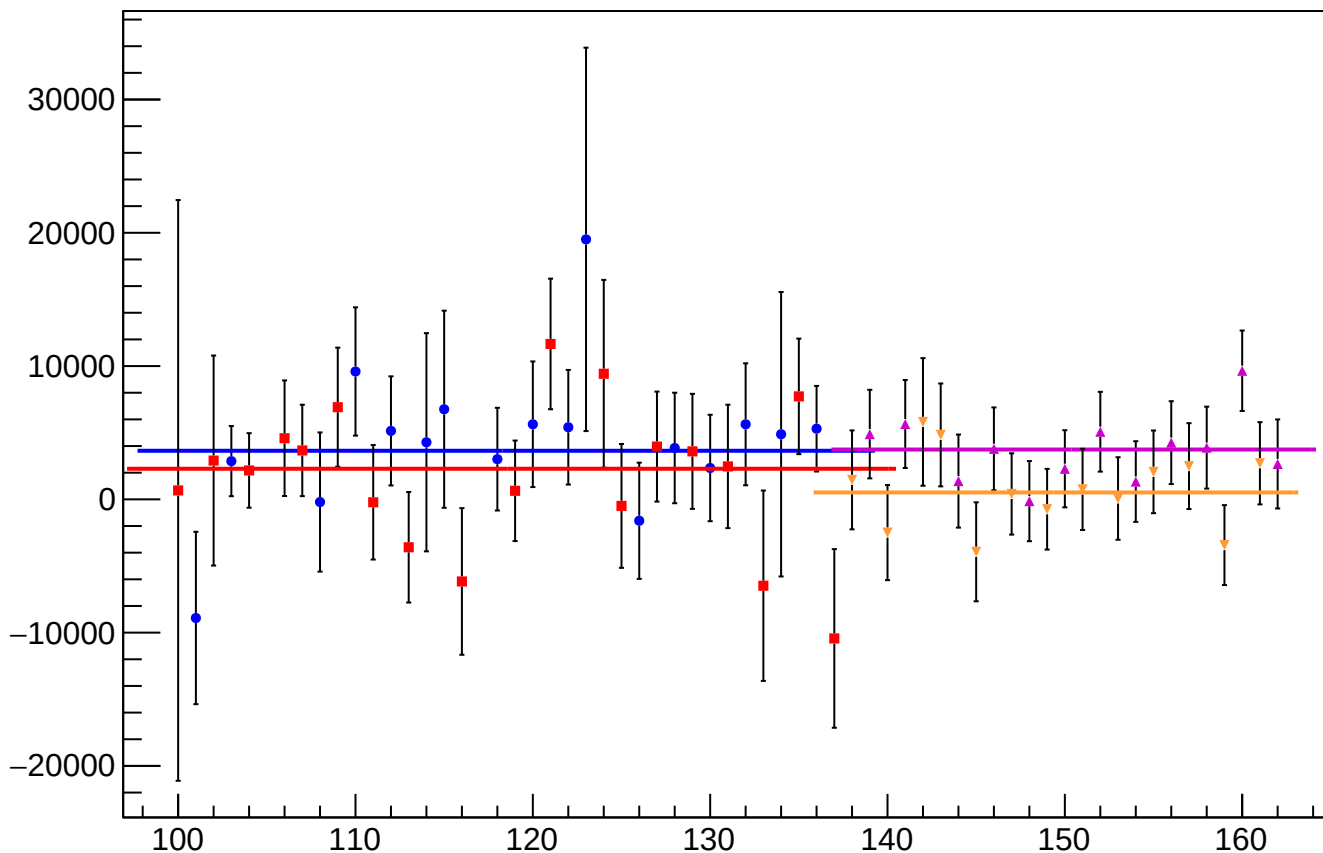
Right: 2913.190 $\pm$ 0.566 χ^2 /NDF: 833178.3/35

In: 2914.960 $\pm$ 0.512 χ^2 /NDF: 690465.4/28

Out: 2915.950 $\pm$ 0.507 χ^2 /NDF: 203967.8/31

All: 2915.461 $\pm$ 0.360 χ^2 /NDF: 894435.0/60

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268+/-1091.486 χ^2/NDF : 9.9/16

Left Out: 517.671+/-920.755 χ^2/NDF : 7.8/12

Right Out: 2295.846+/-1046.865 χ^2/NDF : 18.4/18

Left In: 3737.903+/-902.517 χ^2/NDF : 7.6/11

Left: 2159.994+/-644.527 χ^2/NDF : 21.6/24

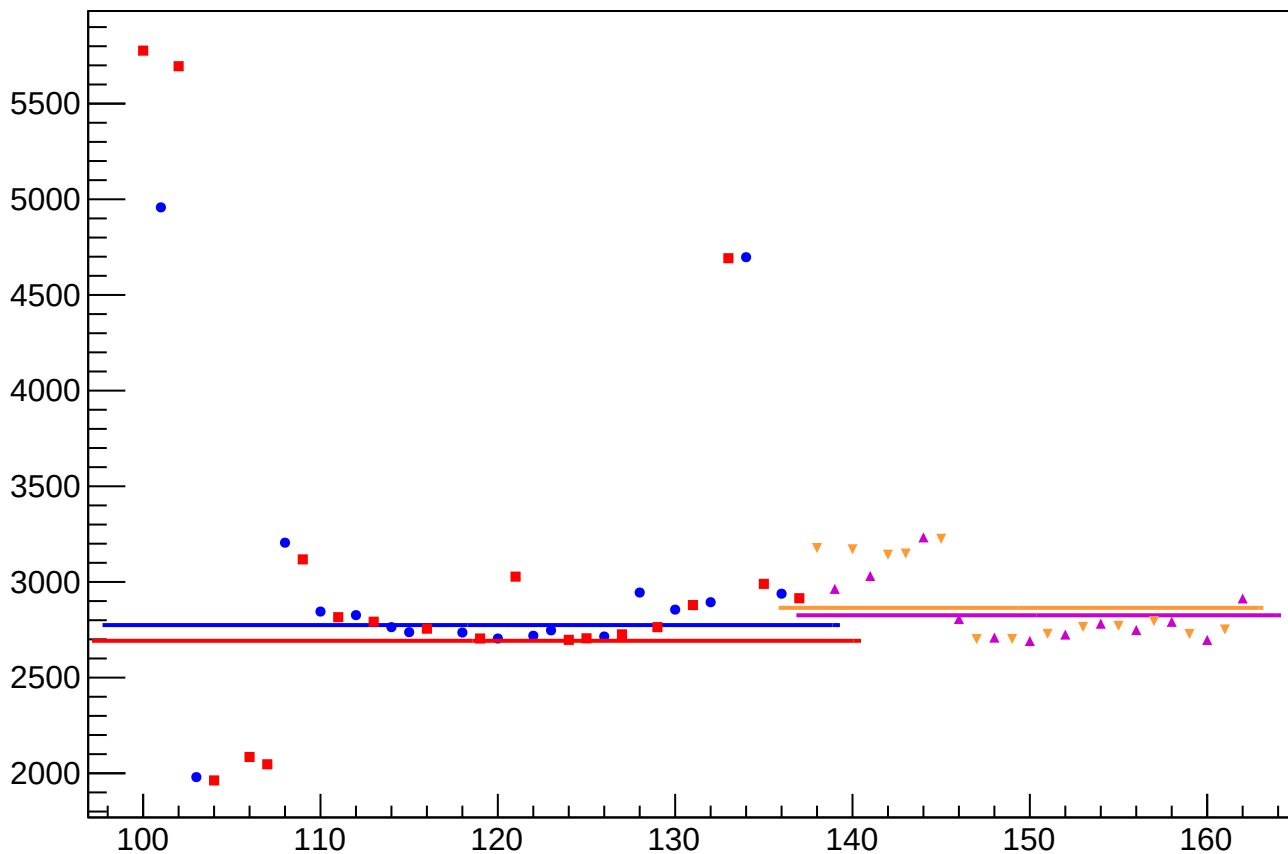
Right: 2942.410+/-755.528 χ^2/NDF : 29.1/35

In: 3700.286+/-695.539 χ^2/NDF : 17.5/28

Out: 1293.257+/-691.382 χ^2/NDF : 27.8/31

All: 2489.558+/-490.344 χ^2/NDF : 51.3/60

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 2864.667+/-0.651 χ^2/NDF : 92527.2/12

Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

Left In: 2825.787+/-0.638 χ^2/NDF : 55010.7/11

Left: 2844.838+/-0.456 χ^2/NDF : 149356.6/24

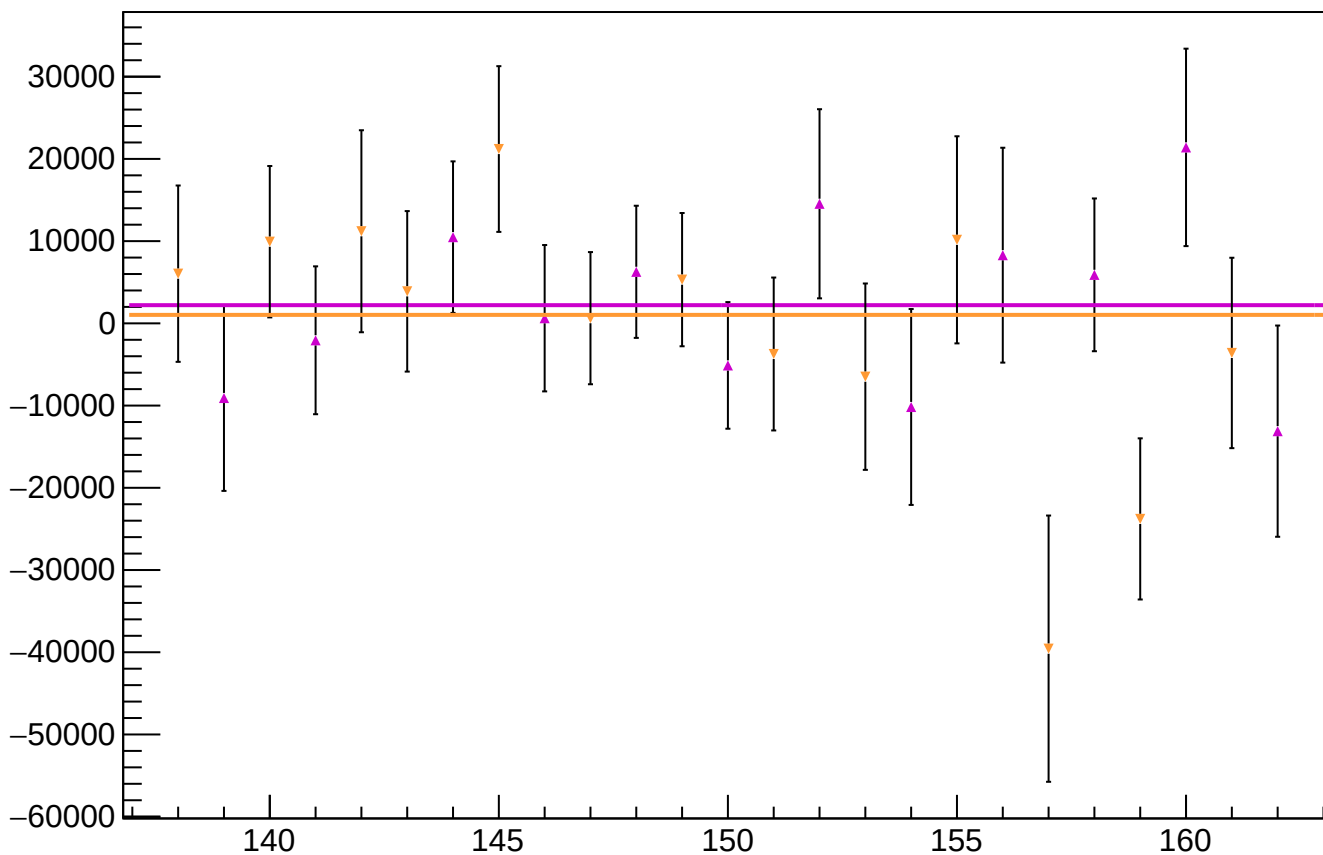
Right: 2731.837+/-0.534 χ^2/NDF : 1287844.4/35

In: 2805.009+/-0.492 χ^2/NDF : 559301.7/28

Out: 2789.550+/-0.489 χ^2/NDF : 903302.2/31

All: 2797.232+/-0.347 χ^2/NDF : 1463100.9/60

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 1030.595+/-2822.594 χ^2/NDF :20.3/12

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

Left In: 2211.967+/-2862.979 χ^2/NDF :9.8/11

Left: 1612.890+/-2010.002 χ^2/NDF : 30.2/24

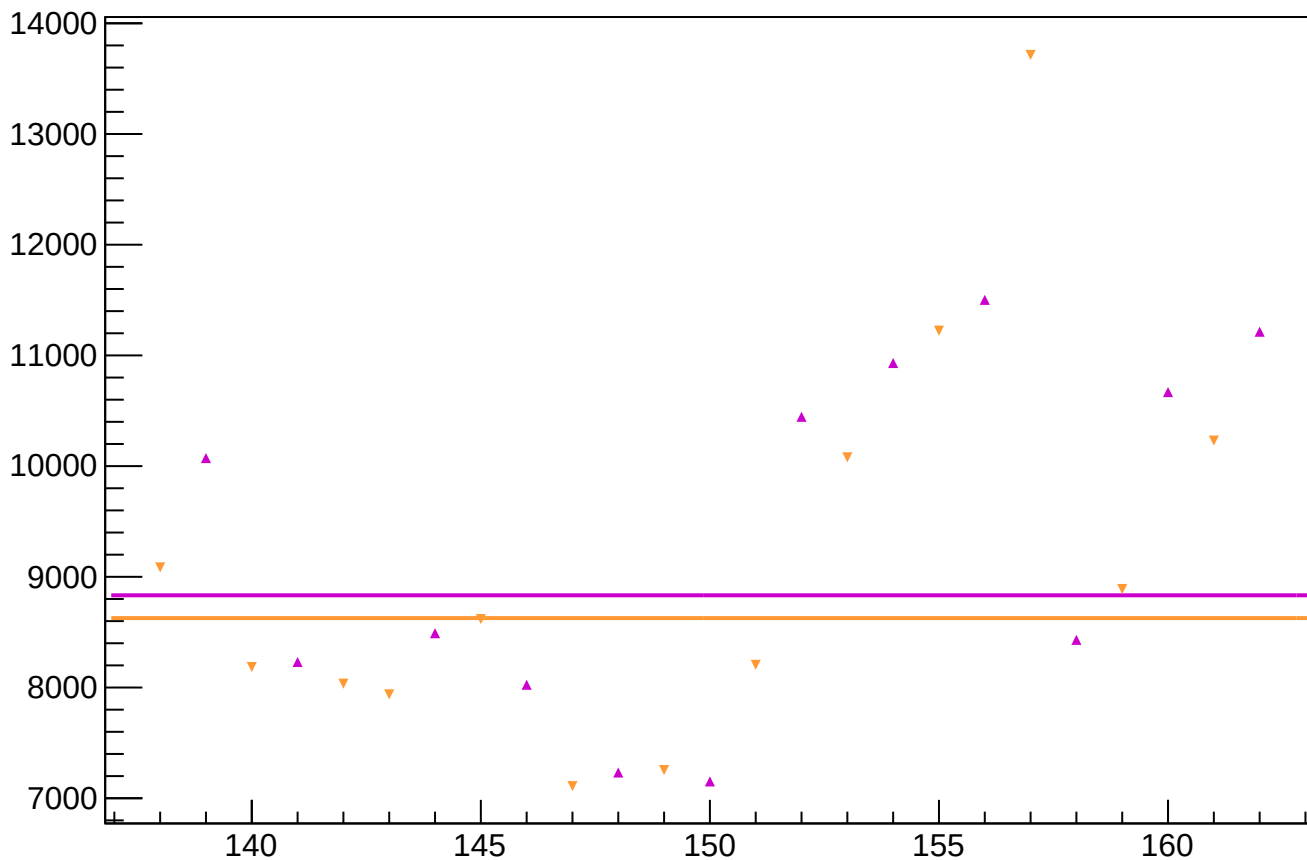
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2211.967+/-2862.979 χ^2/NDF :9.8/11

Out: 1030.595+/-2822.594 χ^2/NDF :20.3/12

All: 1612.890+/-2010.002 χ^2/NDF : 30.2/24

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8627.212+/-1.996 χ^2/NDF :510754.5/12

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

Left In: 8833.216+/-2.024 χ^2/NDF :531004.0/11

Left: 8728.751+/-1.421 χ^2/NDF : 1047009.5/24

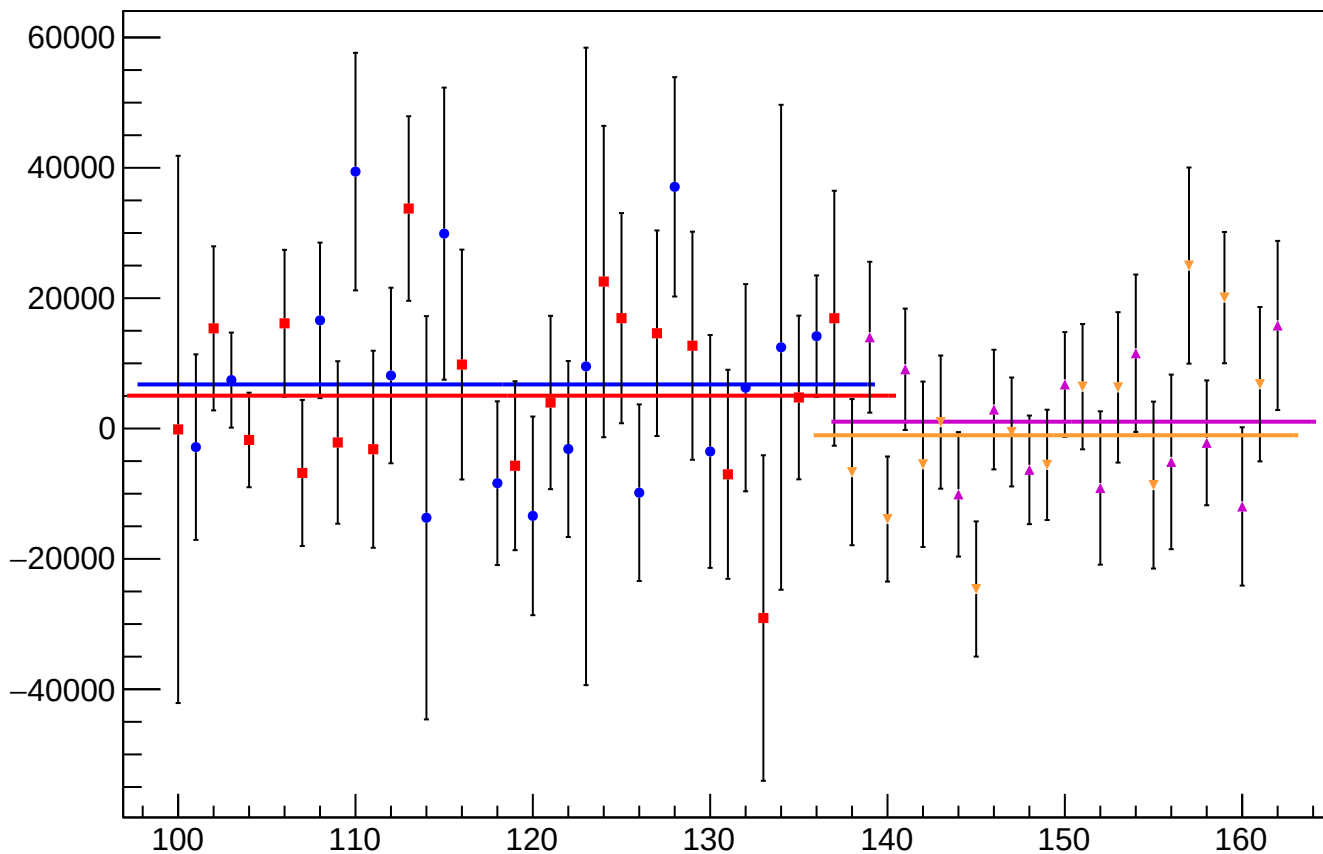
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8833.216+/-2.024 χ^2/NDF :531004.0/11

Out: 8627.212+/-1.996 χ^2/NDF :510754.5/12

All: 8728.751+/-1.421 χ^2/NDF : 1047009.5/24

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402+/-3387.139 χ^2/NDF : 15.3/16

Left Out: -1034.932+/-2910.923 χ^2/NDF : 16.9/12

Right Out: 5041.440+/-3167.616 χ^2/NDF : 13.6/18

Left In: 1049.043+/-2948.094 χ^2/NDF : 9.0/11

Left: -6.165+/-2071.350 χ^2/NDF : 26.1/24

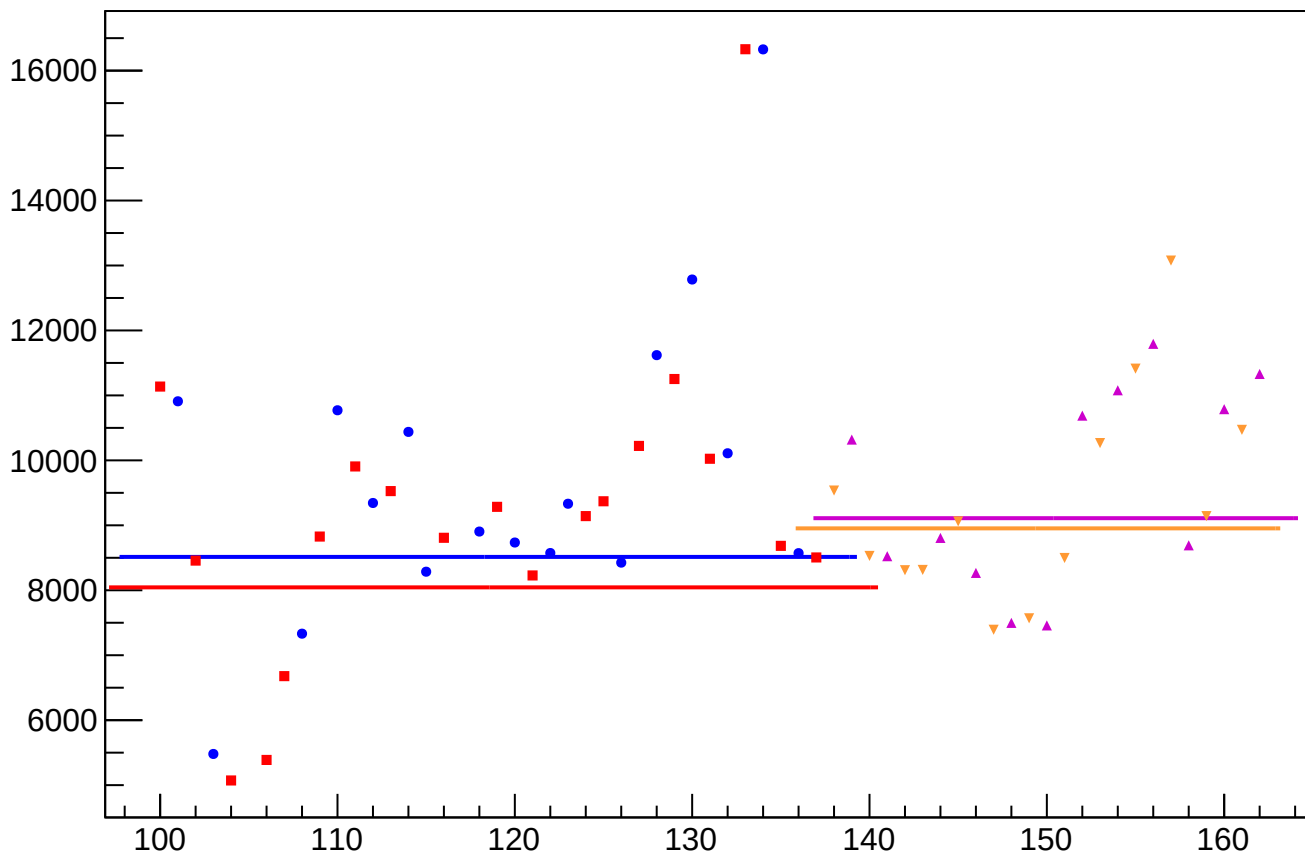
Right: 5846.682+/-2313.559 χ^2/NDF : 29.1/35

In: 3513.821+/-2223.752 χ^2/NDF : 25.9/28

Out: 1747.109+/-2143.345 χ^2/NDF : 32.5/31

All: 2597.948+/-1543.217 χ^2/NDF : 58.7/60

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8953.066+/-2.058 χ^2/NDF : 433621.7/12

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

Left In: 9109.808+/-2.085 χ^2/NDF : 478206.8/11

Left: 9030.443+/-1.465 χ^2/NDF : 914691.1/24

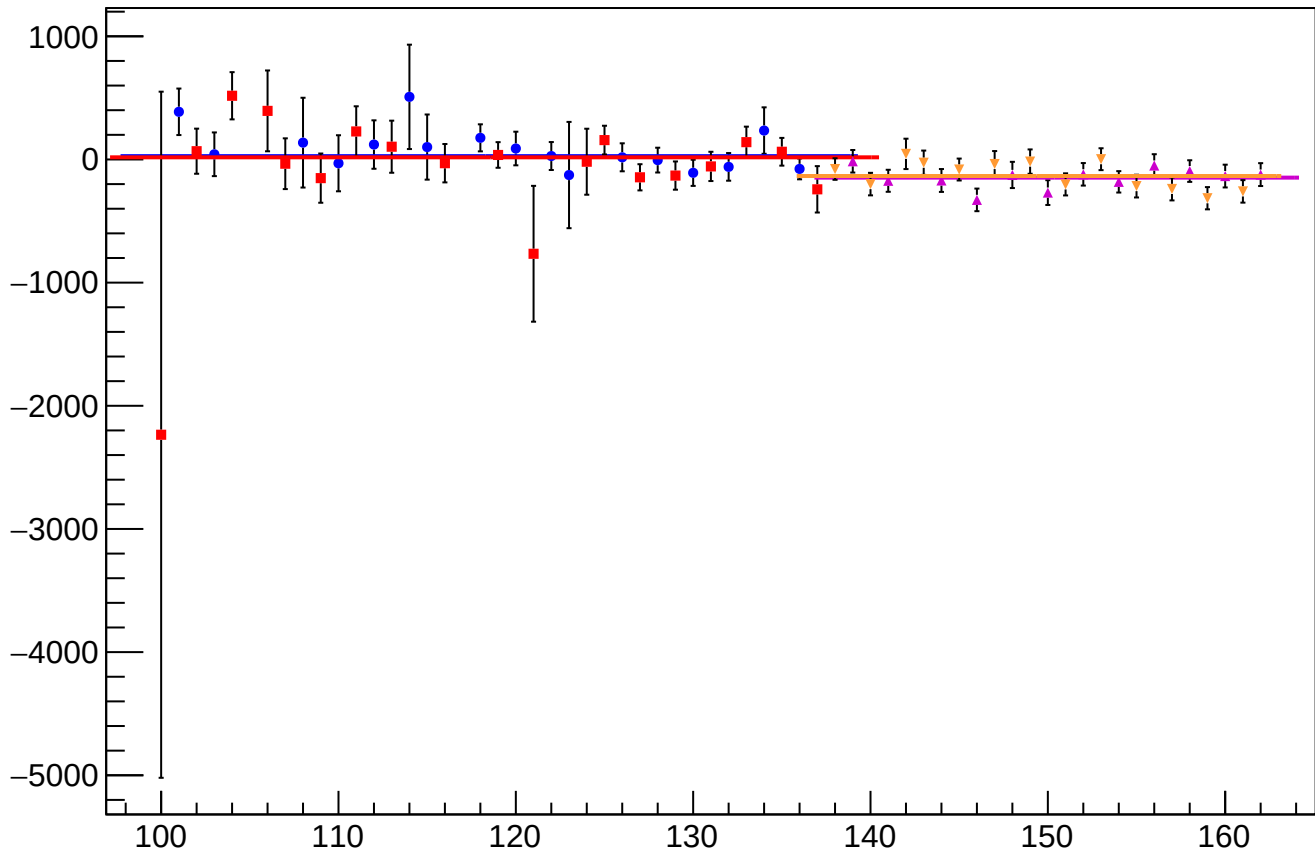
Right: 8263.507+/-1.636 χ^2/NDF : 1735374.5/35

In: 8852.853+/-1.572 χ^2/NDF : 1276070.9/28

Out: 8537.176+/-1.516 χ^2/NDF : 1475096.2/31

All: 8689.202+/-1.091 χ^2/NDF : 2772061.0/60

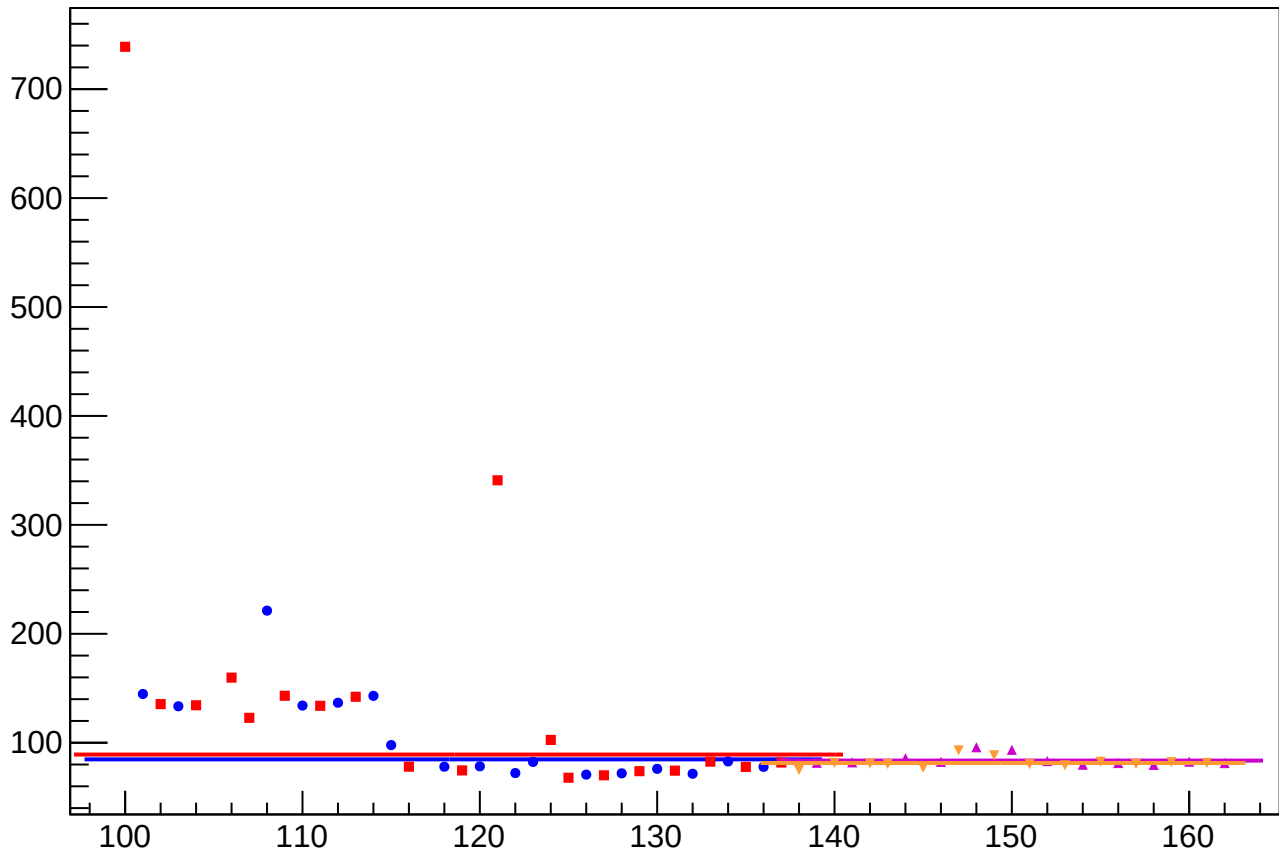
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 ± 34.029 $\chi^2/\text{NDF}: 12.6/16$
Left Out: -134.374 ± 26.134 $\chi^2/\text{NDF}: 17.7/12$
Right Out: 17.368 ± 35.548 $\chi^2/\text{NDF}: 21.9/18$
Left In: -147.482 ± 26.733 $\chi^2/\text{NDF}: 9.5/11$

Left: -140.780 ± 18.688 $\chi^2/\text{NDF}: 27.3/24$
Right: 22.359 ± 24.581 $\chi^2/\text{NDF}: 34.5/35$
In: -80.919 ± 21.022 $\chi^2/\text{NDF}: 38.3/28$
Out: -81.134 ± 21.056 $\chi^2/\text{NDF}: 51.4/31$
All: -81.026 ± 14.877 $\chi^2/\text{NDF}: 89.7/60$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

Left Out: 81.393 $\pm$ 0.018 χ^2 /NDF: 52074.9/12

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

Left In: 83.627 $\pm$ 0.019 χ^2 /NDF: 59204.9/11

Left: 82.484 $\pm$ 0.013 χ^2 /NDF: 118421.7/24

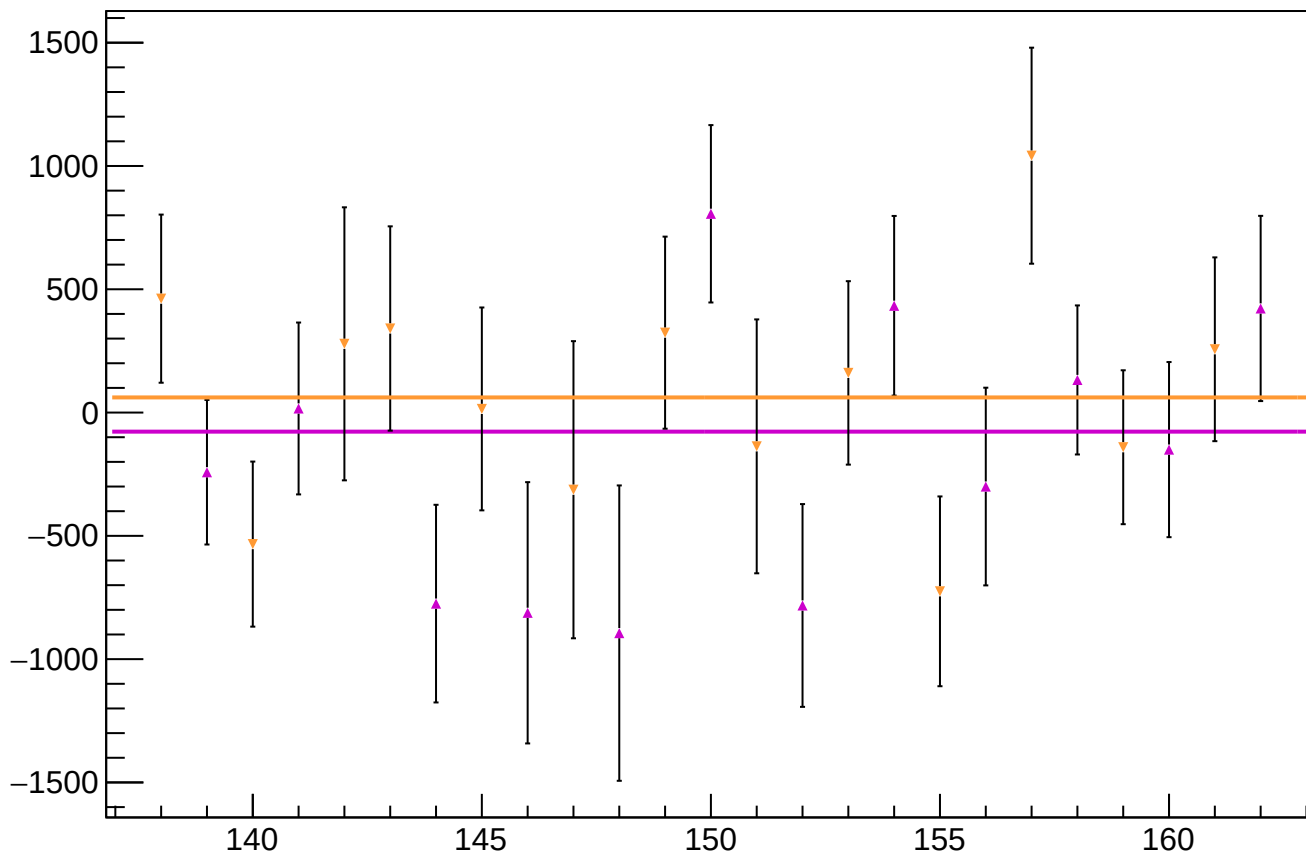
Right: 86.844 $\pm$ 0.017 χ^2 /NDF: 2639723.0/35

In: 84.050 $\pm$ 0.015 χ^2 /NDF: 1124941.7/28

Out: 84.112 $\pm$ 0.015 χ^2 /NDF: 1673060.9/31

All: 84.081 $\pm$ 0.011 χ^2 /NDF: 2798011.1/60

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 61.374+/-110.226 χ^2/NDF :16.1/12

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

Left In: -77.382+/-107.949 χ^2/NDF :20.7/11

Left: -9.452+/-77.124 χ^2/NDF : 37.6/24

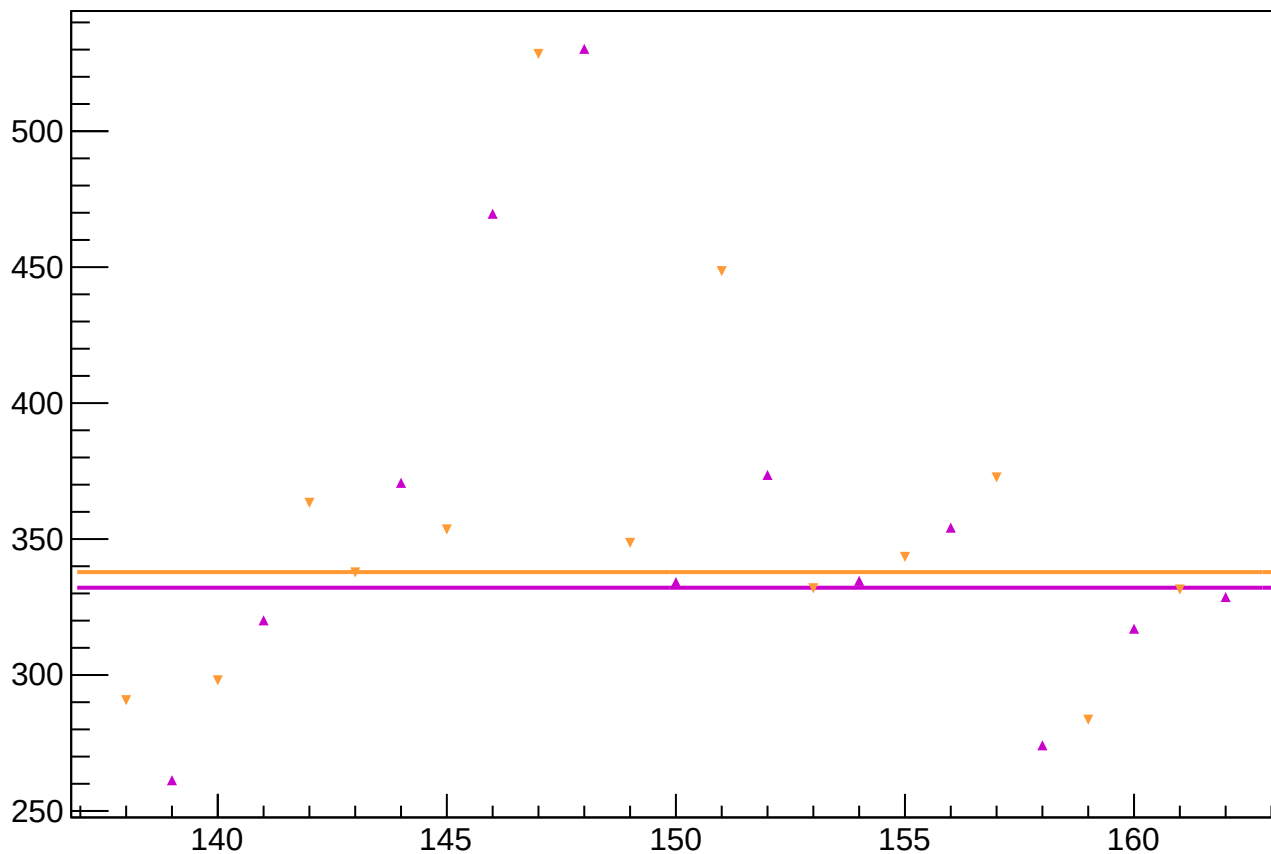
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.382+/-107.949 χ^2/NDF :20.7/11

Out: 61.374+/-110.226 χ^2/NDF :16.1/12

All: -9.452+/-77.124 χ^2/NDF : 37.6/24

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 337.856+/-0.078 χ^2 /NDF:442299.0/12

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

Left In: 332.103+/-0.076 χ^2 /NDF:595228.5/11

Left: 334.919+/-0.055 χ^2 /NDF: 1040309.3/24

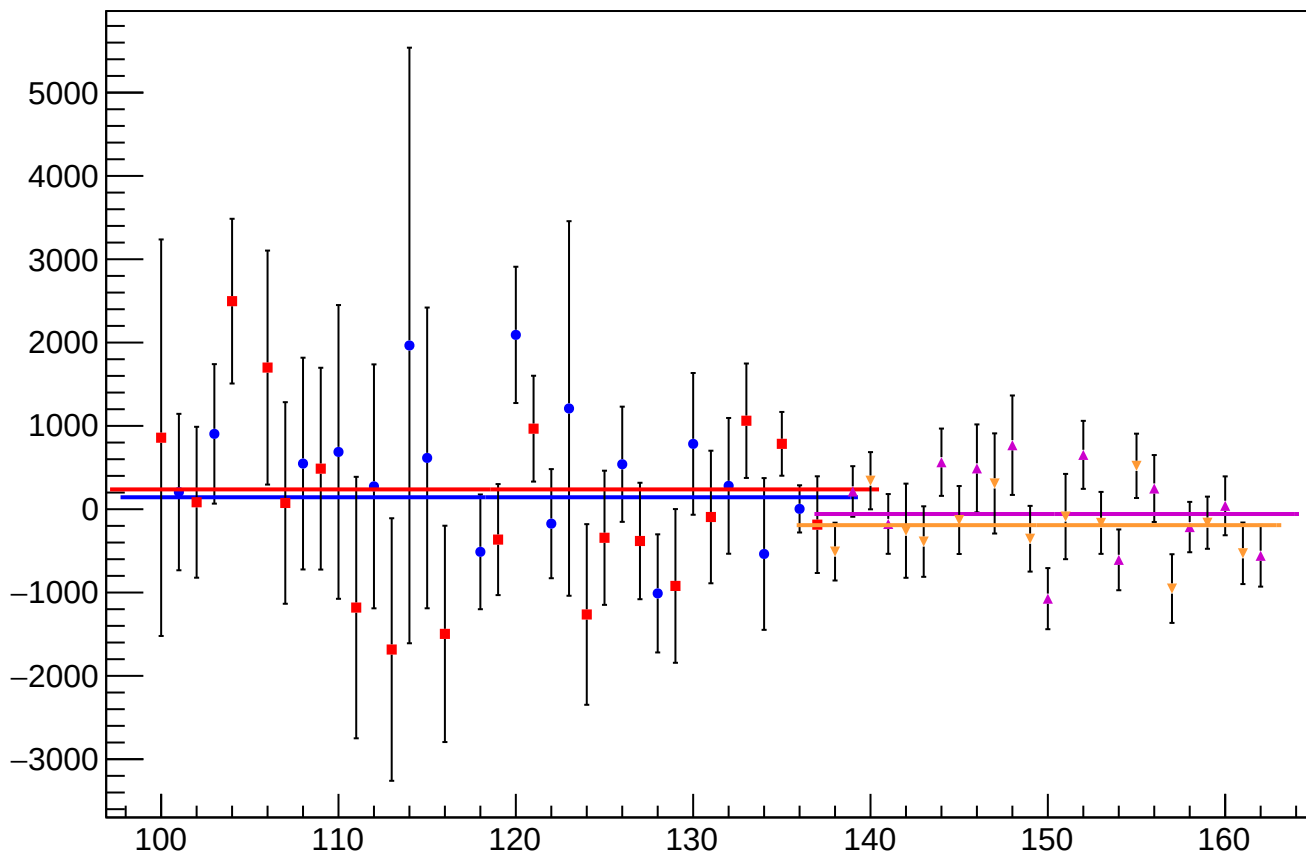
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 332.103+/-0.076 χ^2 /NDF:595228.5/11

Out: 337.856+/-0.078 χ^2 /NDF:442299.0/12

All: 334.919+/-0.055 χ^2 /NDF: 1040309.3/24

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -191.350 $\pm$ 110.500 χ^2 /NDF:12.1/12

Right Out: 237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

Left In: -57.561 $\pm$ 108.740 χ^2 /NDF:22.0/11

Left: -123.382 $\pm$ 77.506 χ^2 /NDF: 34.8/24

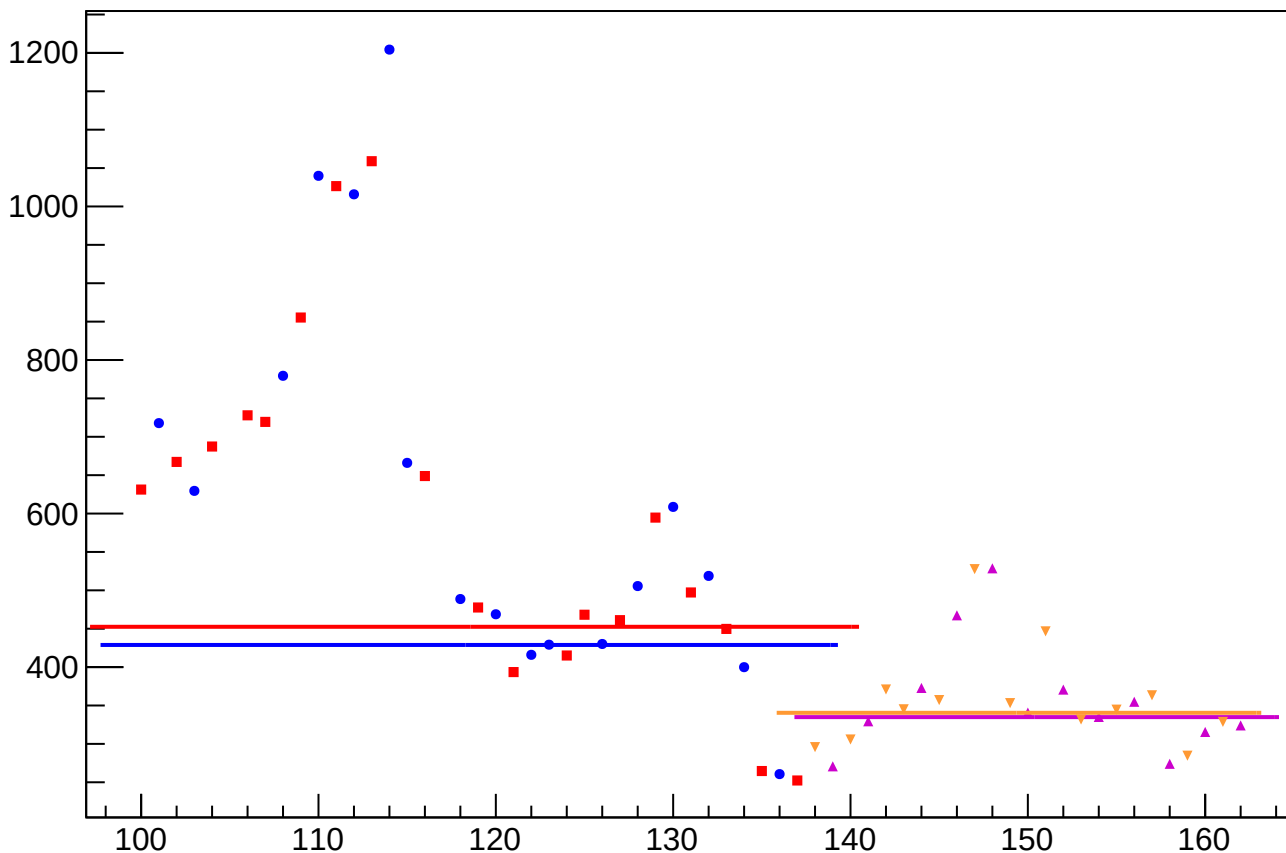
Right: 189.418 $\pm$ 128.389 χ^2 /NDF: 34.6/35

In: -3.471 $\pm$ 92.969 χ^2 /NDF:35.7/28

Out: -77.590 $\pm$ 94.730 χ^2 /NDF:37.7/31

All: -39.836 $\pm$ 66.353 χ^2 /NDF: 73.8/60

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 340.484 $\pm$ 0.078 χ^2 /NDF: 418075.5/12

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

Left In: 334.871 $\pm$ 0.077 χ^2 /NDF: 554288.3/11

Left: 337.633 $\pm$ 0.055 χ^2 /NDF: 974986.0/24

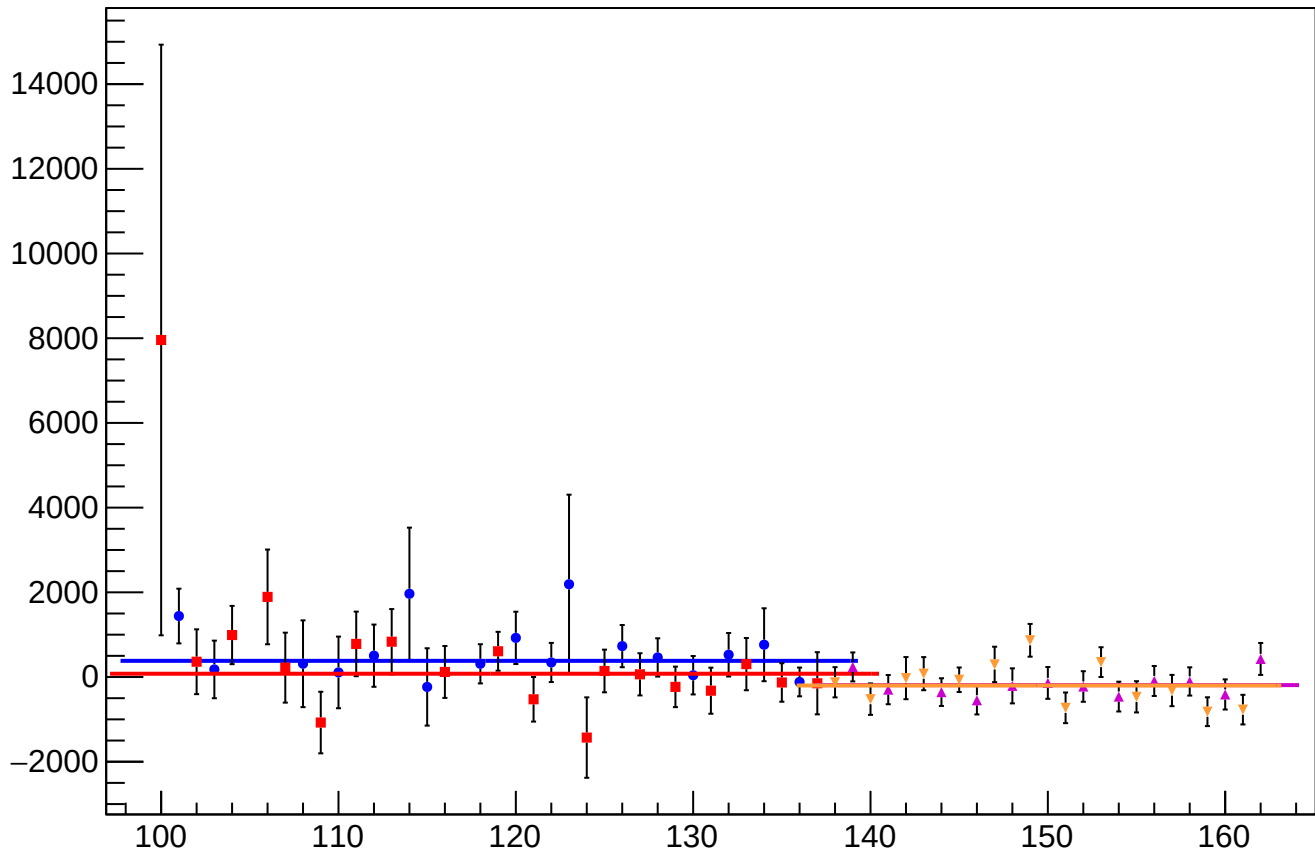
Right: 440.377 $\pm$ 0.091 χ^2 /NDF: 4068538.6/35

In: 360.157 $\pm$ 0.066 χ^2 /NDF: 2968579.9/28

Out: 370.181 $\pm$ 0.067 χ^2 /NDF: 3002263.0/31

All: 365.075 $\pm$ 0.047 χ^2 /NDF: 5982250.7/60

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 ± 141.192 χ^2/NDF : 9.4/16

Left Out: -200.048 ± 101.418 χ^2/NDF : 21.9/12

Right Out: 77.490 ± 143.469 χ^2/NDF : 16.8/18

Left In: -190.933 ± 102.185 χ^2/NDF : 6.9/11

Left: -195.525 ± 71.983 χ^2/NDF : 28.8/24

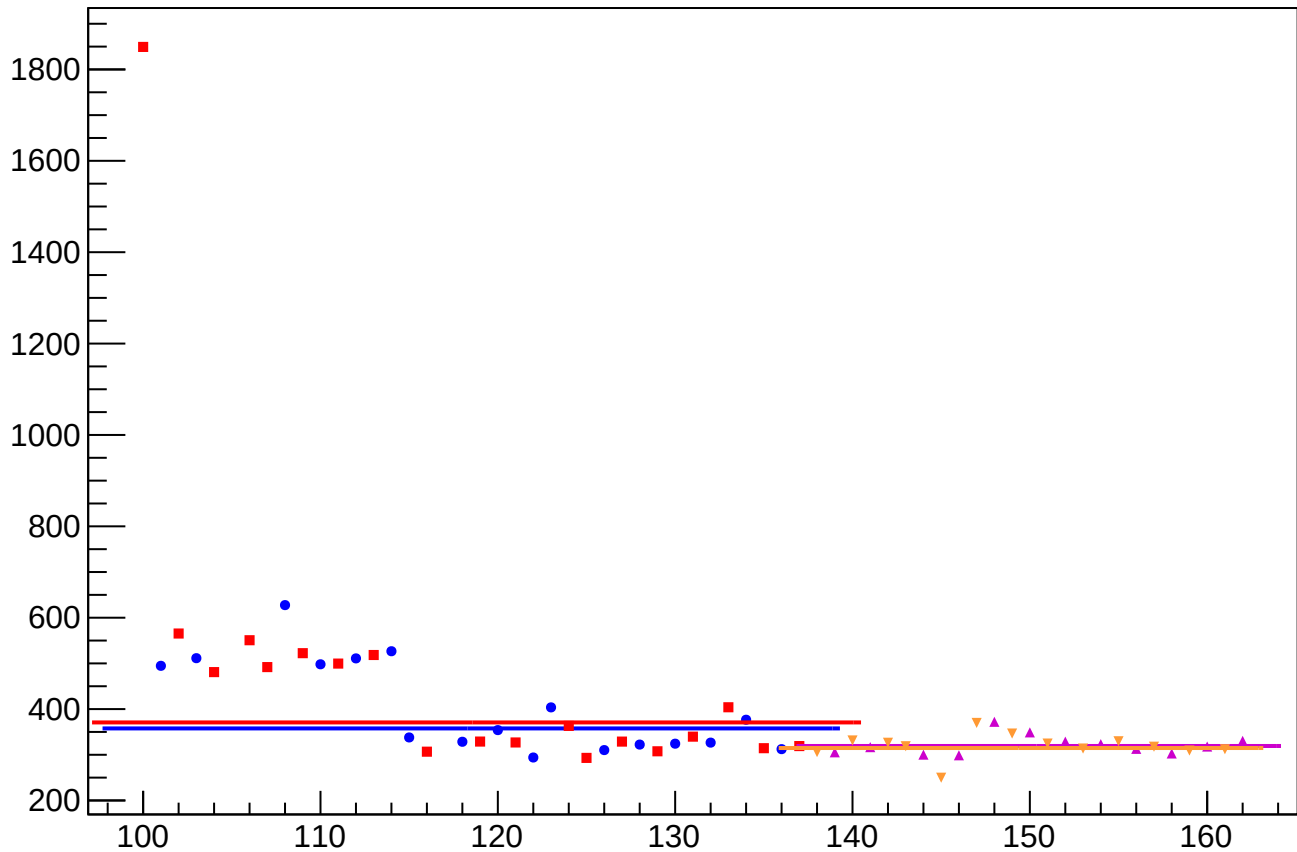
Right: 232.126 ± 100.633 χ^2/NDF : 28.5/35

In: 5.969 ± 82.780 χ^2/NDF : 27.1/28

Out: -107.572 ± 82.815 χ^2/NDF : 41.1/31

All: -50.777 ± 58.547 χ^2/NDF : 69.2/60

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 314.777 $\pm$ 0.072 χ^2 /NDF: 160616.2/12

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

Left In: 319.250 $\pm$ 0.072 χ^2 /NDF: 71775.4/11

Left: 316.997 $\pm$ 0.051 χ^2 /NDF: 234322.8/24

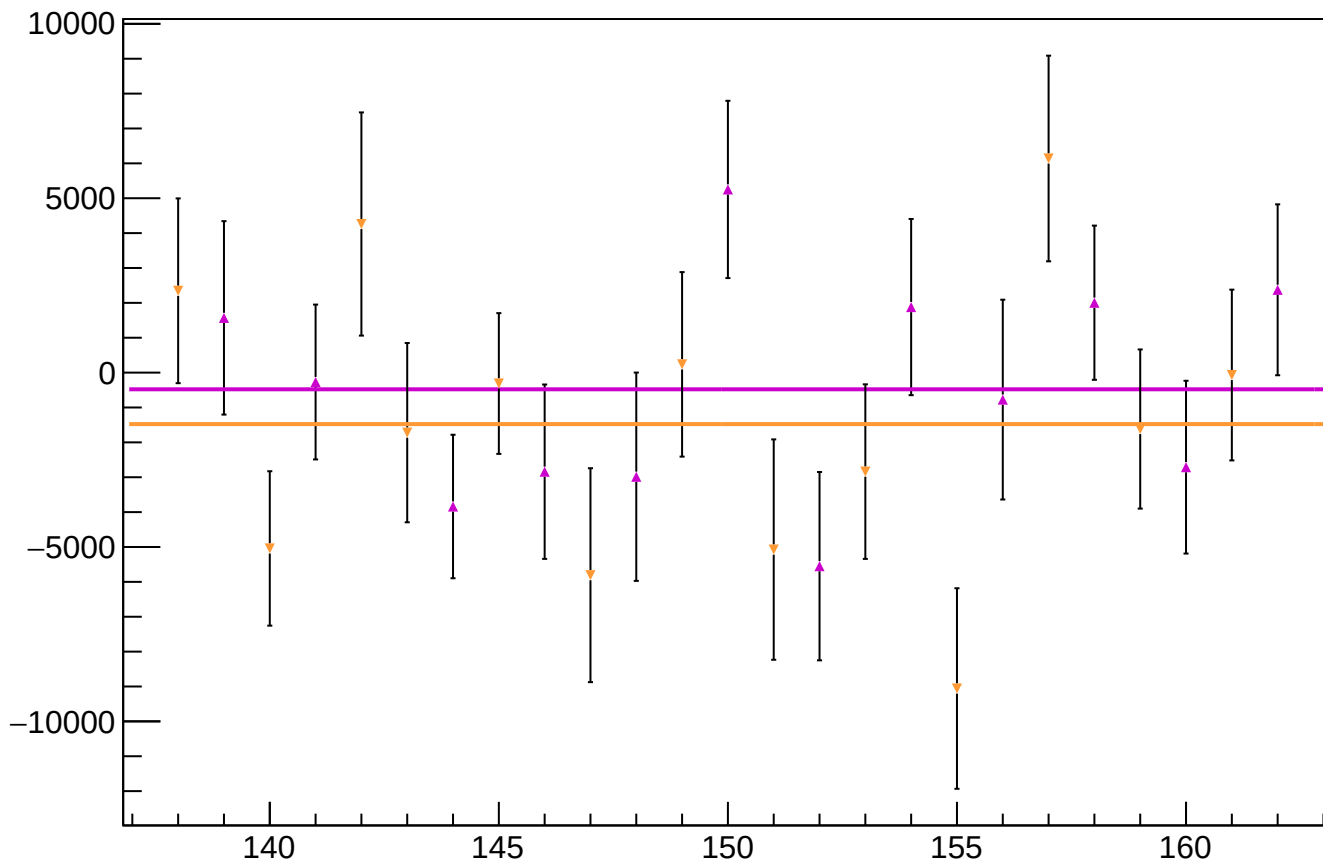
Right: 364.124 $\pm$ 0.071 χ^2 /NDF: 1422966.9/35

In: 332.455 $\pm$ 0.059 χ^2 /NDF: 798602.6/28

Out: 333.442 $\pm$ 0.059 χ^2 /NDF: 1148710.3/31

All: 332.948 $\pm$ 0.041 χ^2 /NDF: 1947455.0/60

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1476.640+/-717.016 χ^2/NDF :26.2/12

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

Left In: -478.421+/-716.836 χ^2/NDF :17.7/11

Left: -977.405+/-506.943 χ^2/NDF : 44.9/24

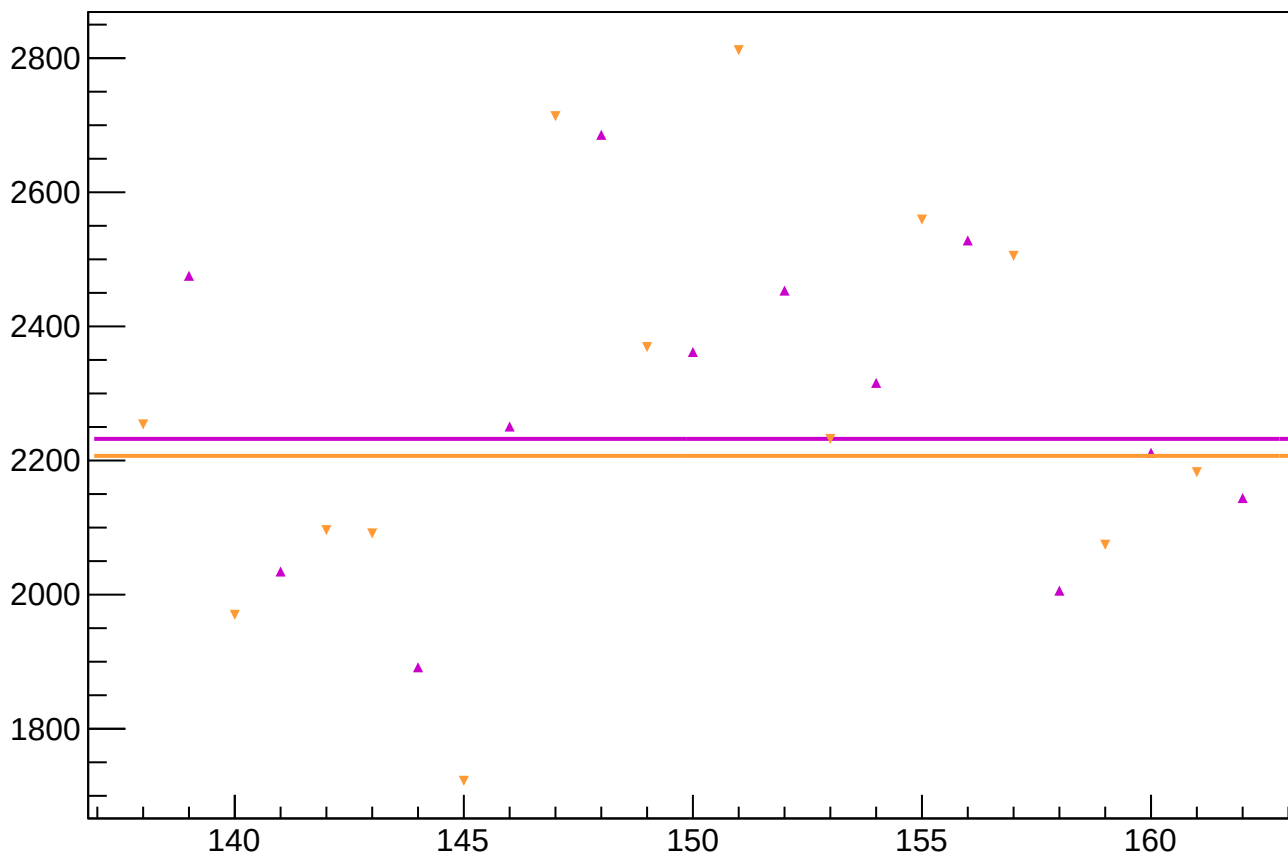
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -478.421+/-716.836 χ^2/NDF :17.7/11

Out: -1476.640+/-717.016 χ^2/NDF :26.2/12

All: -977.405+/-506.943 χ^2/NDF : 44.9/24

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2206.958+/-0.507 χ^2/NDF :338408.1/12

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

Left In: 2232.289+/-0.507 χ^2/NDF :198123.5/11

Left: 2219.627+/-0.358 χ^2/NDF : 537779.9/24

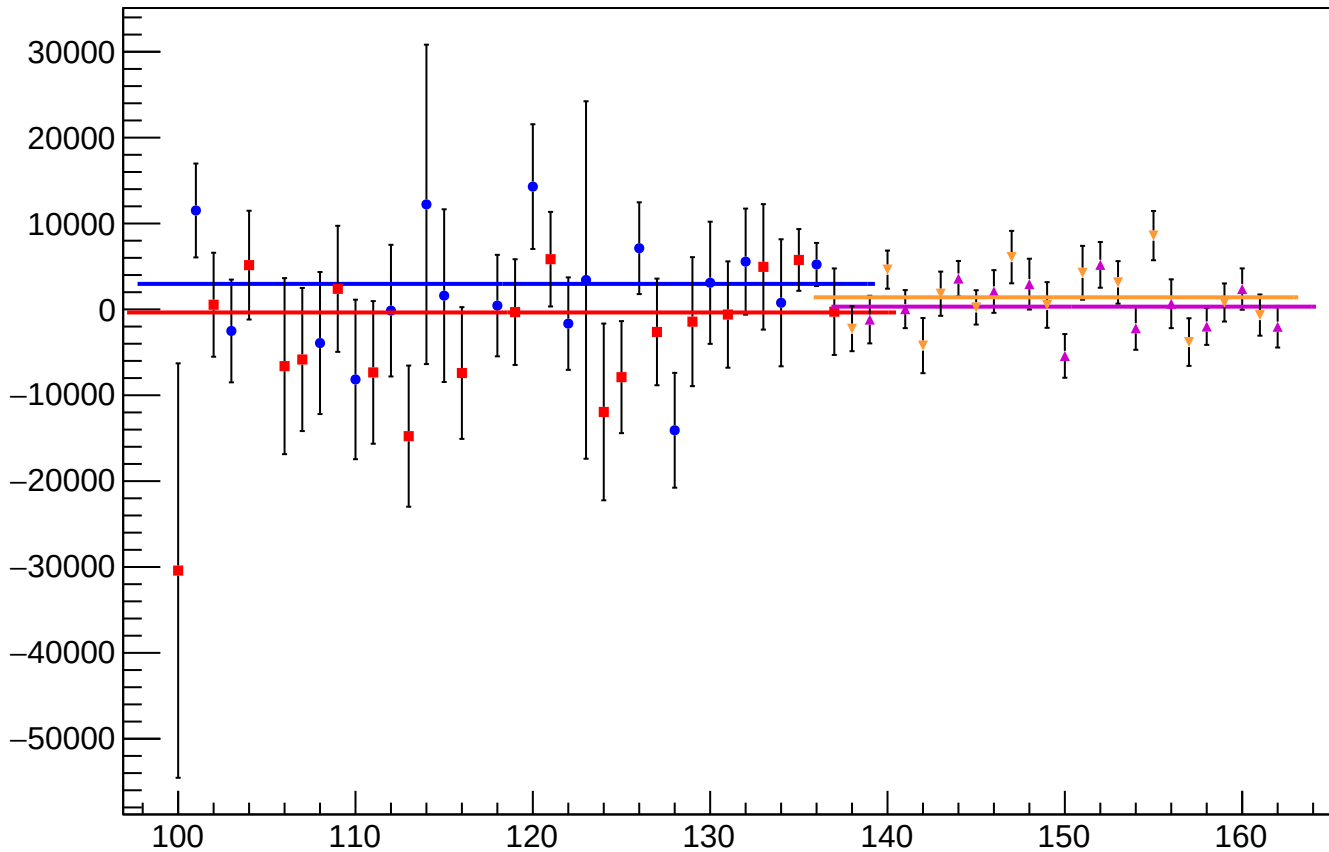
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2232.289+/-0.507 χ^2/NDF :198123.5/11

Out: 2206.958+/-0.507 χ^2/NDF :338408.1/12

All: 2219.627+/-0.358 χ^2/NDF : 537779.9/24

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

Left Out: 1406.295 $\pm$ 708.812 χ^2 /NDF:21.9/12

Right Out: -358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

Left In: 317.772 $\pm$ 709.412 χ^2 /NDF:16.4/11

Left: 862.494 $\pm$ 501.418 χ^2 /NDF: 39.5/24

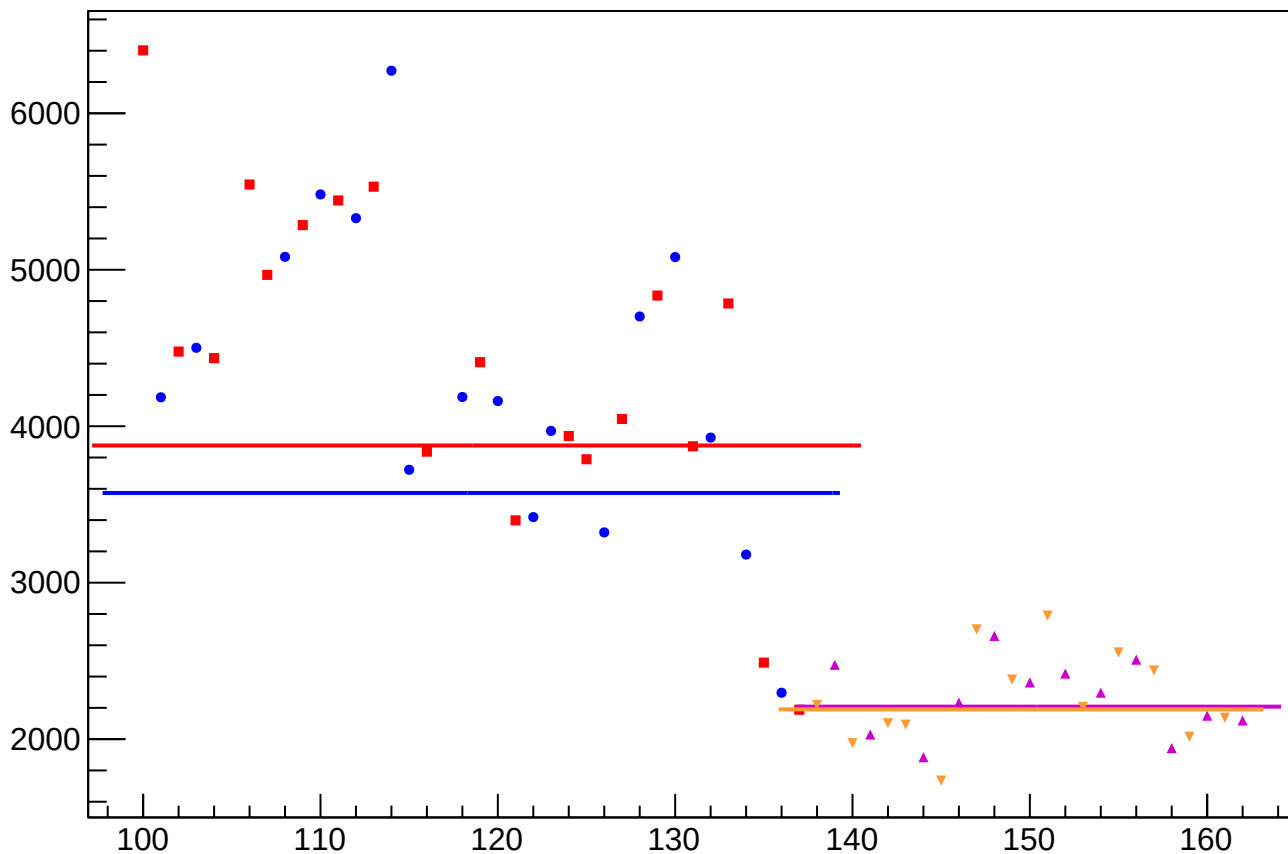
Right: 1380.346 $\pm$ 1041.320 χ^2 /NDF: 35.3/35

In: 835.302 $\pm$ 636.420 χ^2 /NDF:36.5/28

Out: 1086.590 $\pm$ 641.411 χ^2 /NDF:38.4/31

All: 959.964 $\pm$ 451.771 χ^2 /NDF: 75.0/60

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2190.327+/-0.501 χ^2/NDF : 328463.5/12

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

Left In: 2207.639+/-0.502 χ^2/NDF : 207349.8/11

Left: 2198.975+/-0.355 χ^2/NDF : 536409.3/24

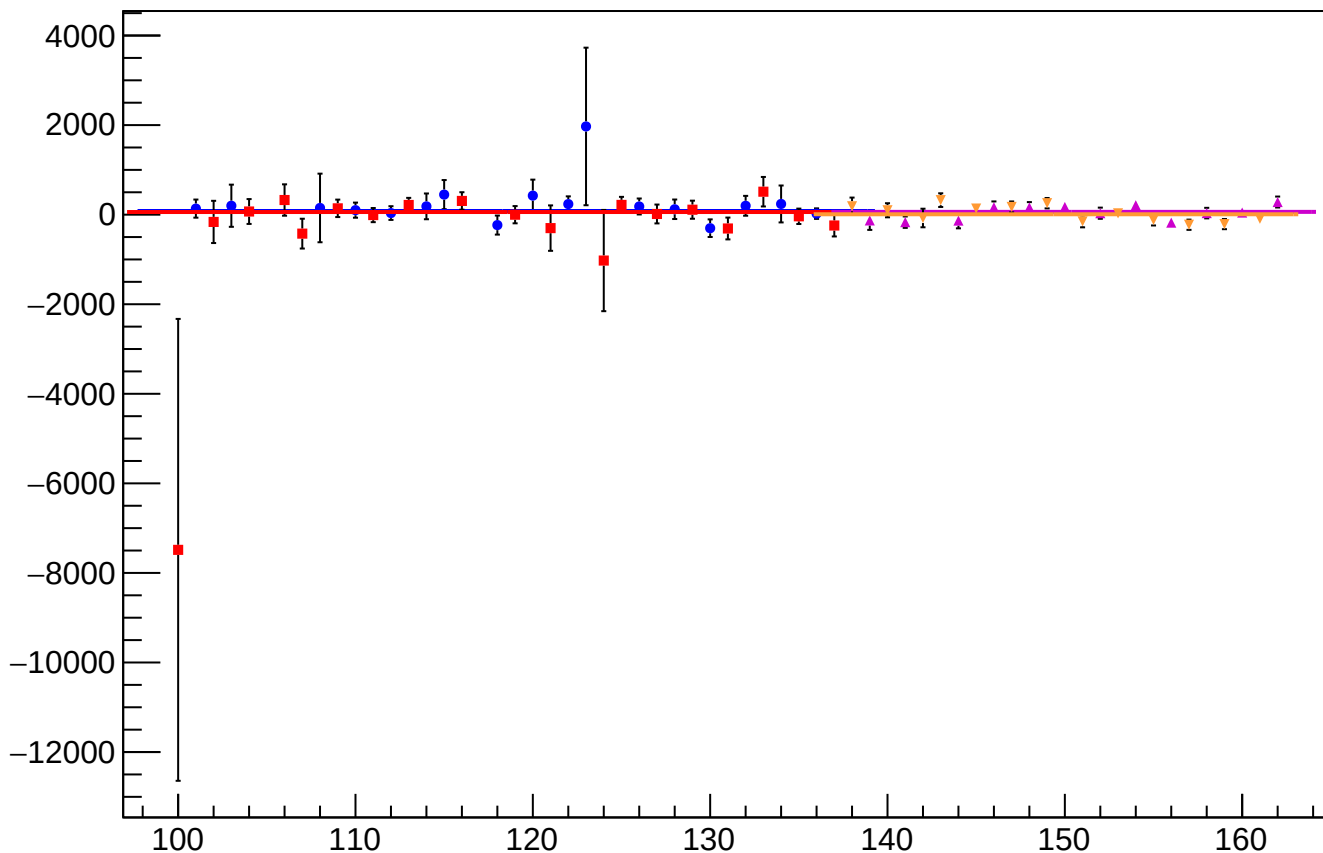
Right: 3718.342+/-0.736 χ^2/NDF : 2119512.7/35

In: 2474.241+/-0.450 χ^2/NDF : 2743169.3/28

Out: 2495.832+/-0.454 χ^2/NDF : 3368010.2/31

All: 2484.952+/-0.319 χ^2/NDF : 6112321.4/60

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851 ± 51.907 χ^2/NDF : 11.5/16

Left Out: 8.962 ± 35.200 χ^2/NDF : 24.6/12

Right Out: 59.008 ± 53.165 χ^2/NDF : 16.4/18

Left In: 62.374 ± 35.392 χ^2/NDF : 17.7/11

Left: 35.523 ± 24.958 χ^2/NDF : 43.5/24

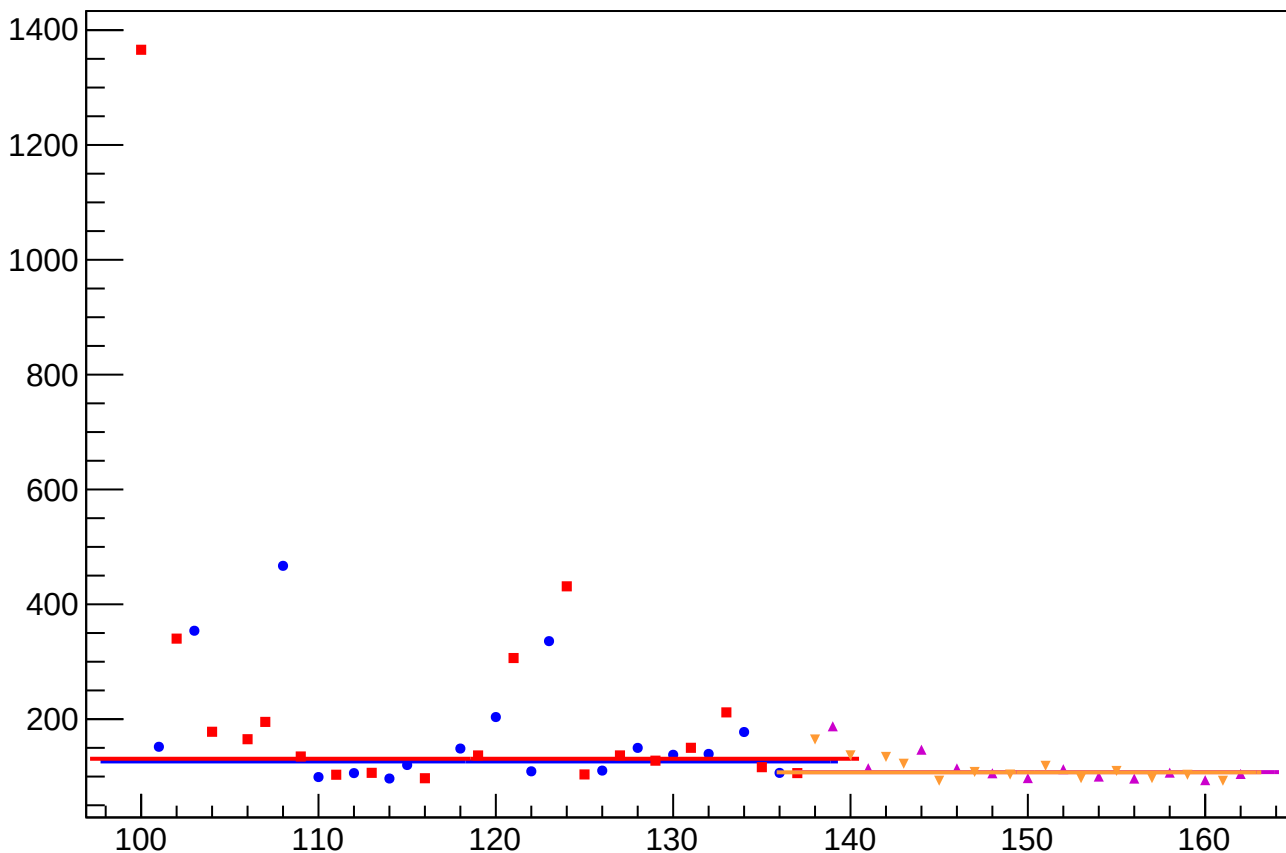
Right: 70.703 ± 37.141 χ^2/NDF : 28.1/35

In: 68.555 ± 29.242 χ^2/NDF : 29.4/28

Out: 24.214 ± 29.350 χ^2/NDF : 41.7/31

All: 46.467 ± 20.715 χ^2/NDF : 72.2/60

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF : 1310585.0/16

Left Out: 107.383+/-0.025 χ^2/NDF : 424627.7/12

Right Out: 131.007+/-0.038 χ^2/NDF : 1429260.8/18

Left In: 107.754+/-0.025 χ^2/NDF : 488864.1/11

Left: 107.567+/-0.018 χ^2/NDF : 913602.6/24

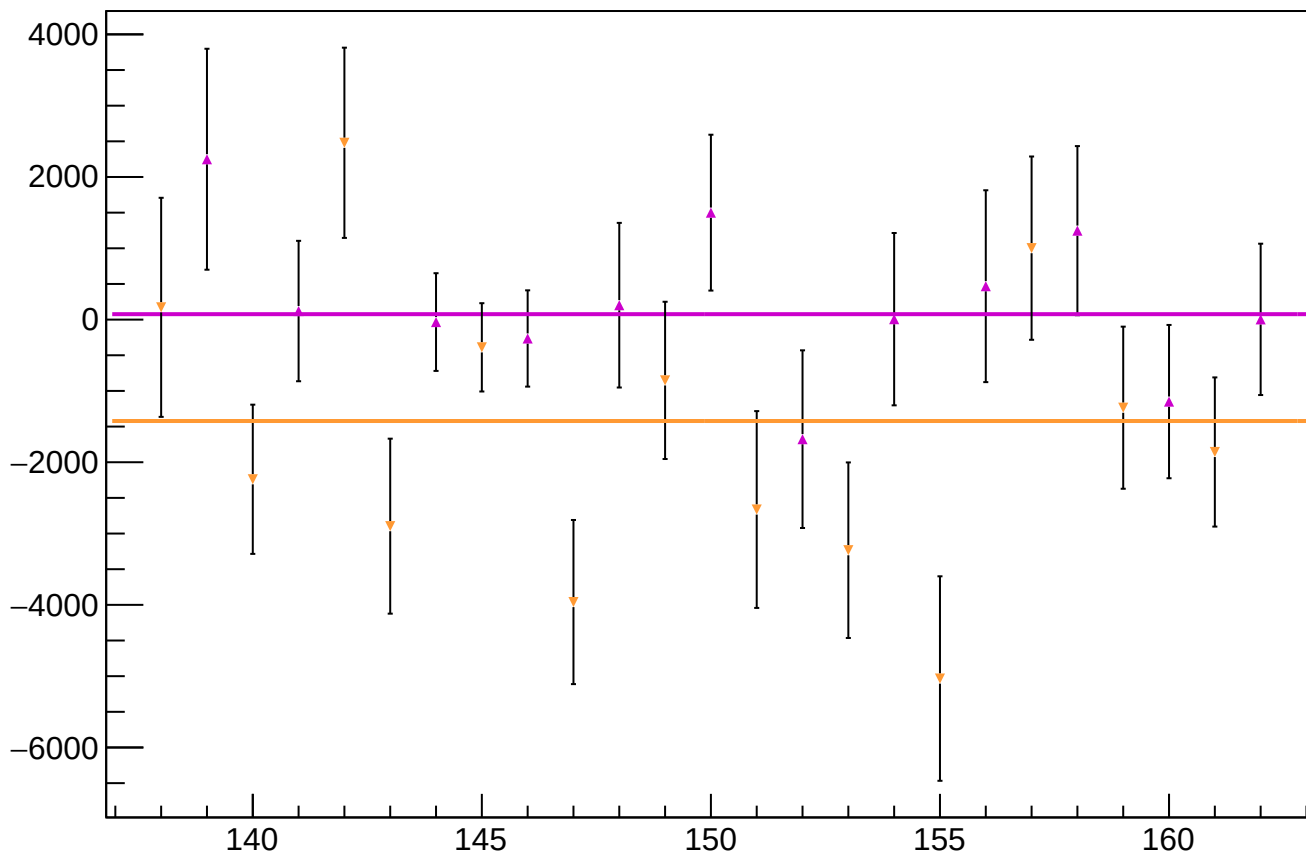
Right: 128.617+/-0.026 χ^2/NDF : 2747739.0/35

In: 113.652+/-0.021 χ^2/NDF : 1974474.1/28

Out: 114.583+/-0.021 χ^2/NDF : 2128443.4/31

All: 114.116+/-0.015 χ^2/NDF : 4103925.9/60

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -1421.891+/-305.486 χ^2/NDF :32.7/12

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

Left In: 76.314+/-292.258 χ^2/NDF :8.3/11

Left: -639.650+/-211.180 χ^2/NDF : 53.5/24

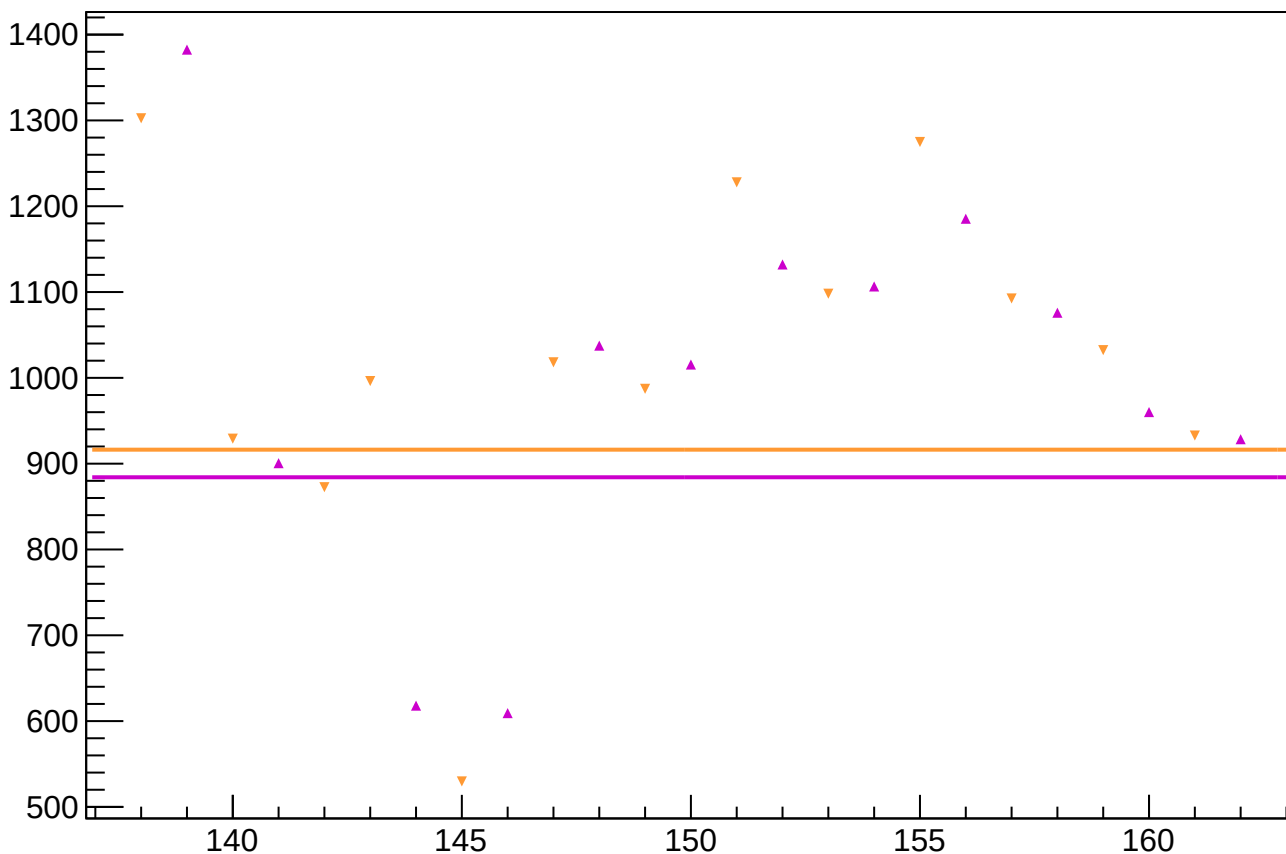
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.314+/-292.258 χ^2/NDF :8.3/11

Out: -1421.891+/-305.486 χ^2/NDF :32.7/12

All: -639.650+/-211.180 χ^2/NDF : 53.5/24

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 916.310+/-0.216 χ^2/NDF :1270707.7/12

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

Left In: 884.148+/-0.207 χ^2/NDF :1218083.5/11

Left: 899.518+/-0.149 χ^2/NDF : 2500366.0/24

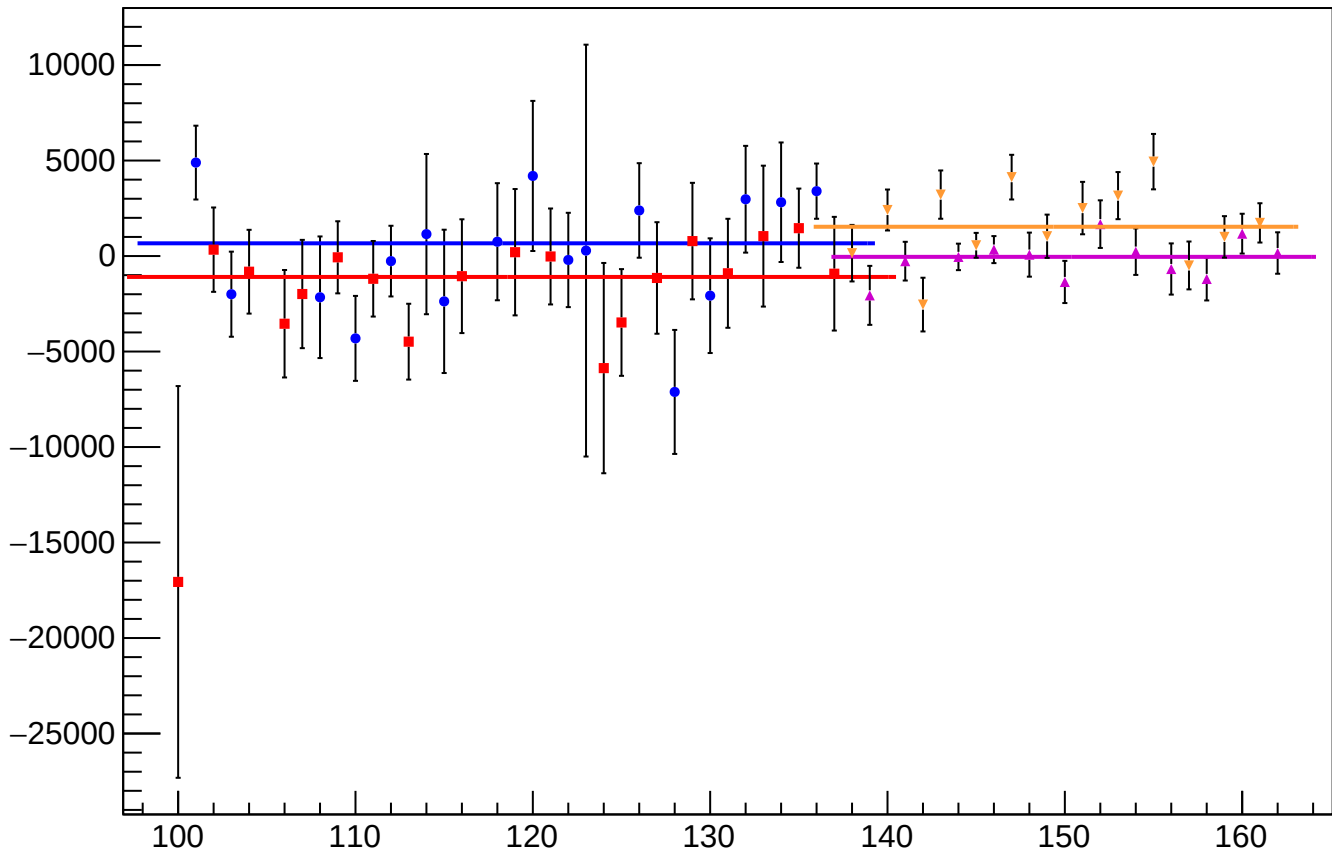
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 884.148+/-0.207 χ^2/NDF :1218083.5/11

Out: 916.310+/-0.216 χ^2/NDF :1270707.7/12

All: 899.518+/-0.149 χ^2/NDF : 2500366.0/24

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1533.191+/-309.672 χ^2/NDF : 29.7/12

Right Out: -1094.278+/-602.639 χ^2/NDF : 11.0/18

Left In: -42.361+/-295.205 χ^2/NDF : 8.1/11

Left: 707.755+/-213.673 χ^2/NDF : 51.4/24

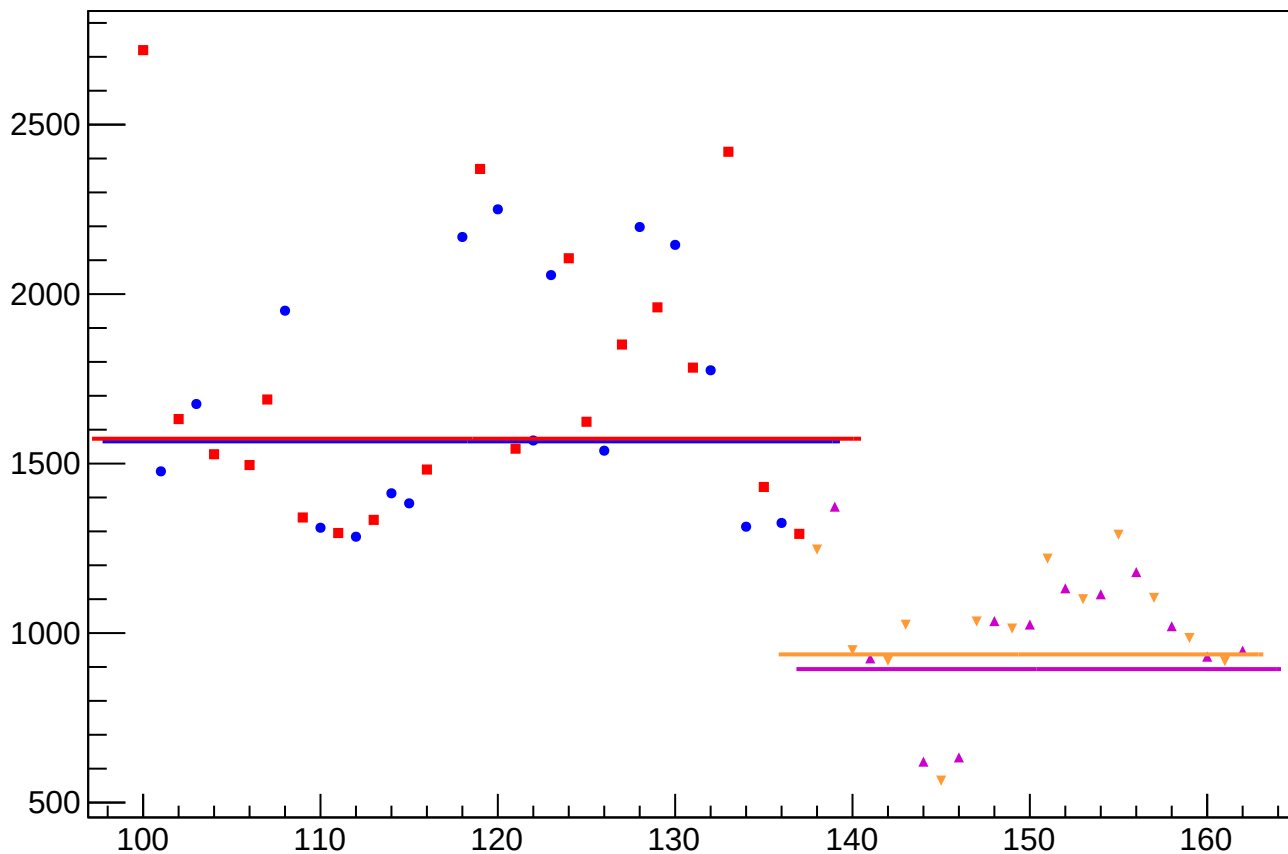
Right: -237.260+/-431.744 χ^2/NDF : 40.8/35

In: 89.035+/-266.442 χ^2/NDF : 34.8/28

Out: 984.331+/-275.435 χ^2/NDF : 55.8/31

All: 521.829+/-191.503 χ^2/NDF : 96.0/60

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623 ± 0.438 $\chi^2/\text{NDF}: 490790.2/16$

Left Out: 937.060 ± 0.219 $\chi^2/\text{NDF}: 1054778.1/12$

Right Out: 1573.366 ± 0.426 $\chi^2/\text{NDF}: 462040.3/18$

Left In: 893.774 ± 0.209 $\chi^2/\text{NDF}: 1096940.5/11$

Left: 914.382 ± 0.151 $\chi^2/\text{NDF}: 2172191.5/24$

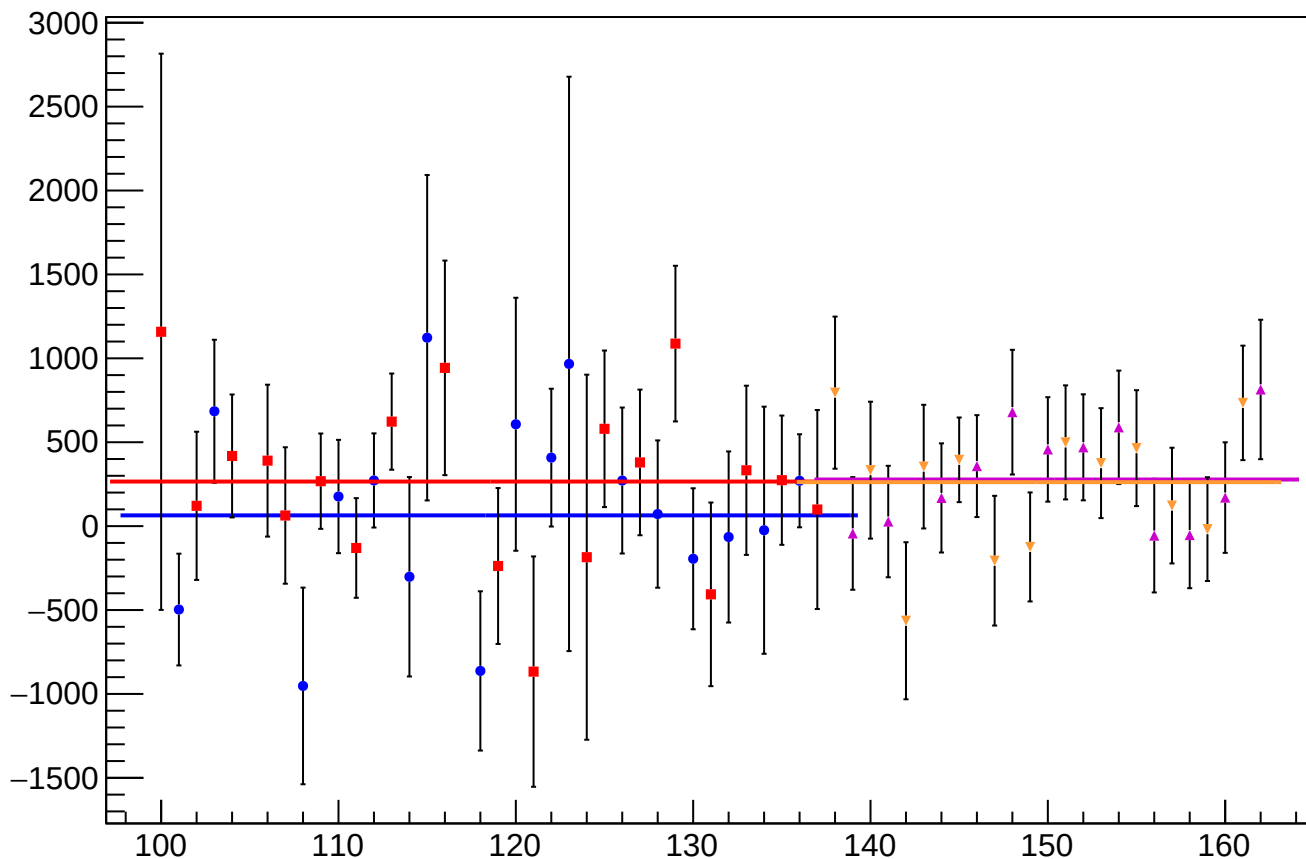
Right: 1569.597 ± 0.305 $\chi^2/\text{NDF}: 952991.2/35$

In: 1018.318 ± 0.188 $\chi^2/\text{NDF}: 3508058.9/28$

Out: 1069.980 ± 0.195 $\chi^2/\text{NDF}: 3280749.8/31$

All: 1043.292 ± 0.135 $\chi^2/\text{NDF}: 6825157.0/60$

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 ± 105.336 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 262.103 ± 95.991 $\chi^2/\text{NDF}: 11.6/12$

Right Out: 265.661 ± 99.379 $\chi^2/\text{NDF}: 14.7/18$

Left In: 277.857 ± 96.101 $\chi^2/\text{NDF}: 8.2/11$

Left: 269.971 ± 67.915 $\chi^2/\text{NDF}: 19.8/24$

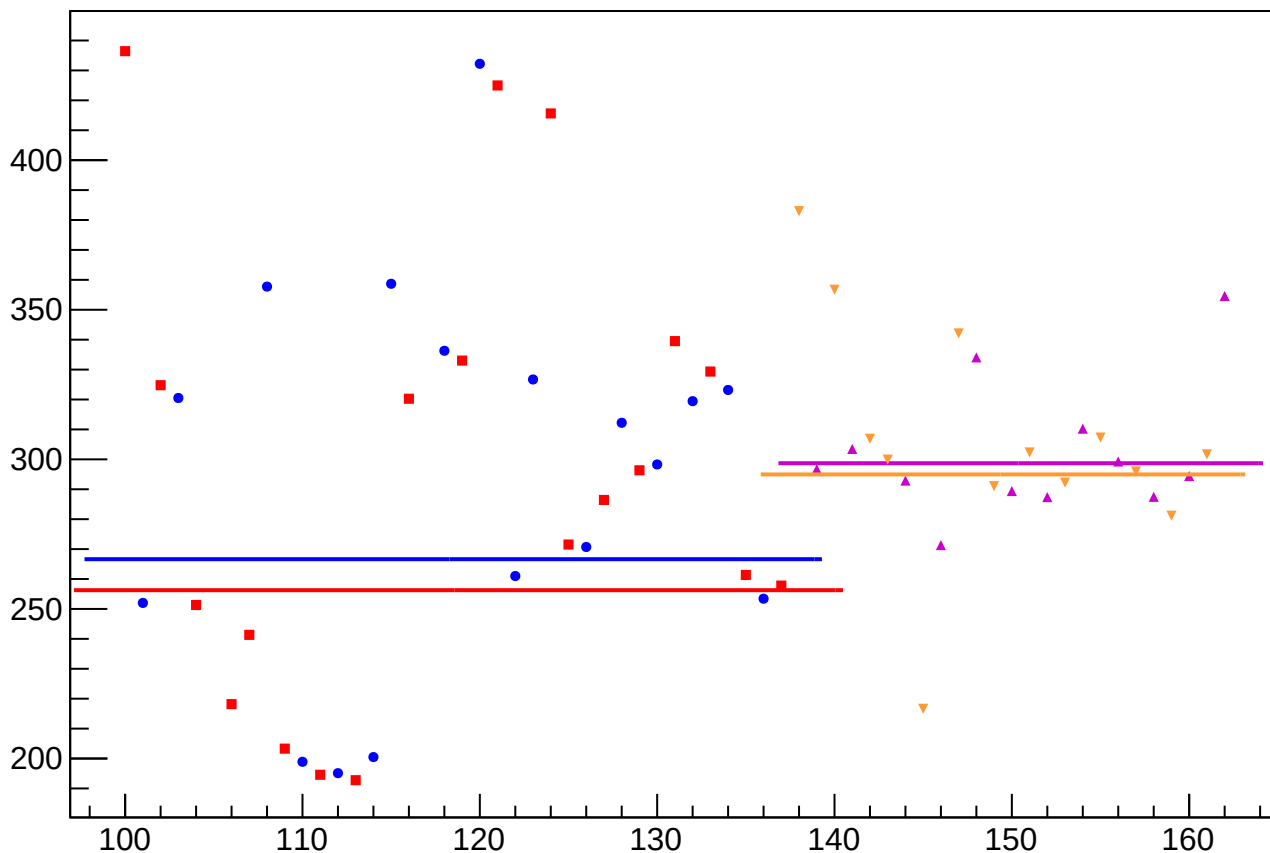
Right: 170.735 ± 72.286 $\chi^2/\text{NDF}: 33.4/35$

In: 180.752 ± 70.995 $\chi^2/\text{NDF}: 27.2/28$

Out: 263.820 ± 69.043 $\chi^2/\text{NDF}: 26.3/31$

All: 223.444 ± 49.496 $\chi^2/\text{NDF}: 54.2/60$

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 294.960 $\pm$ 0.068 χ^2 /NDF: 354214.4/12

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

Left In: 298.705 $\pm$ 0.068 χ^2 /NDF: 81273.4/11

Left: 296.830 $\pm$ 0.048 χ^2 /NDF: 437008.4/24

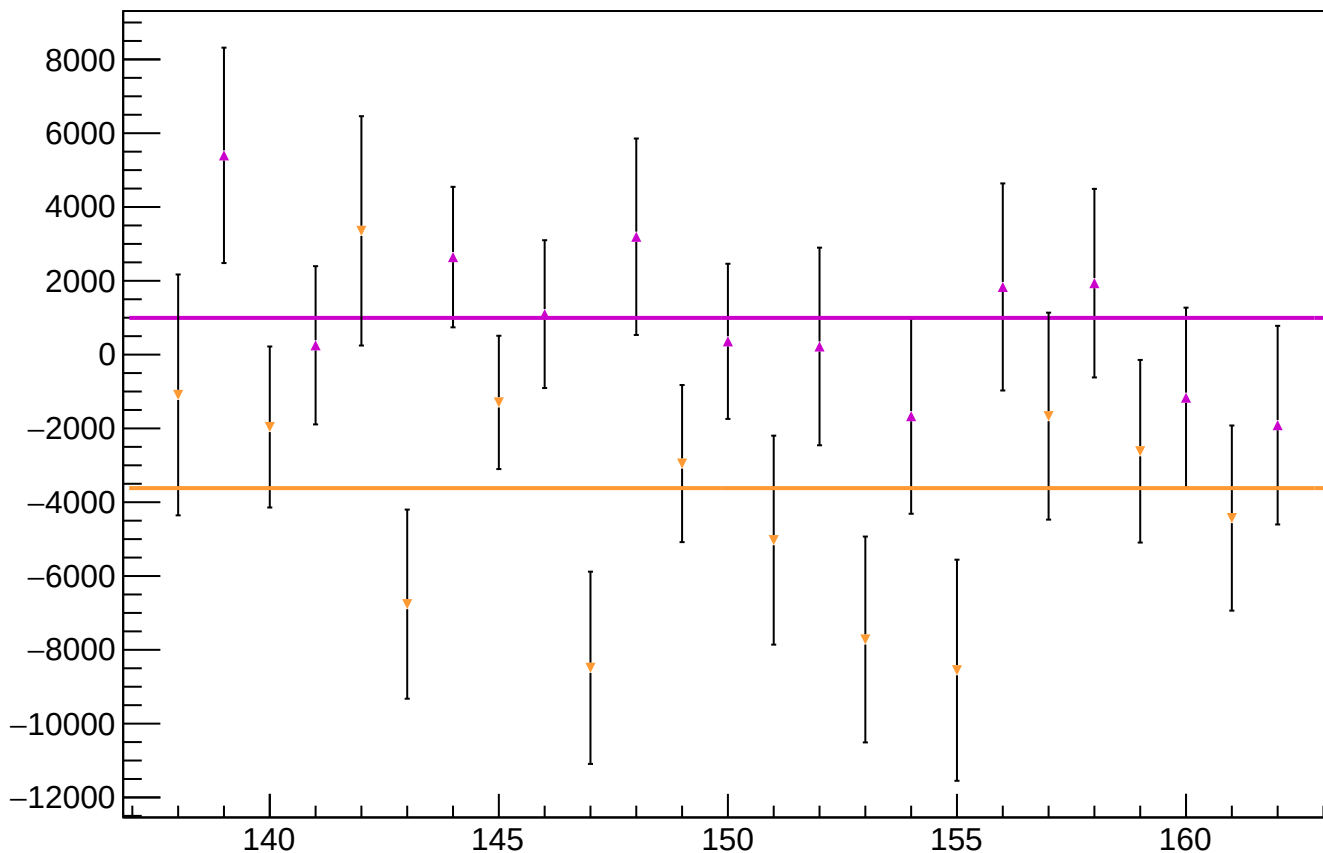
Right: 261.145 $\pm$ 0.051 χ^2 /NDF: 1257876.6/35

In: 284.132 $\pm$ 0.050 χ^2 /NDF: 733267.2/28

Out: 276.285 $\pm$ 0.049 χ^2 /NDF: 1207947.3/31

All: 280.099 $\pm$ 0.035 χ^2 /NDF: 1953773.3/60

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -3618.254+/-698.705 χ^2/NDF :18.8/12

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

Left In: 995.156+/-690.693 χ^2/NDF :7.2/11

Left: -1284.947+/-491.202 χ^2/NDF : 48.1/24

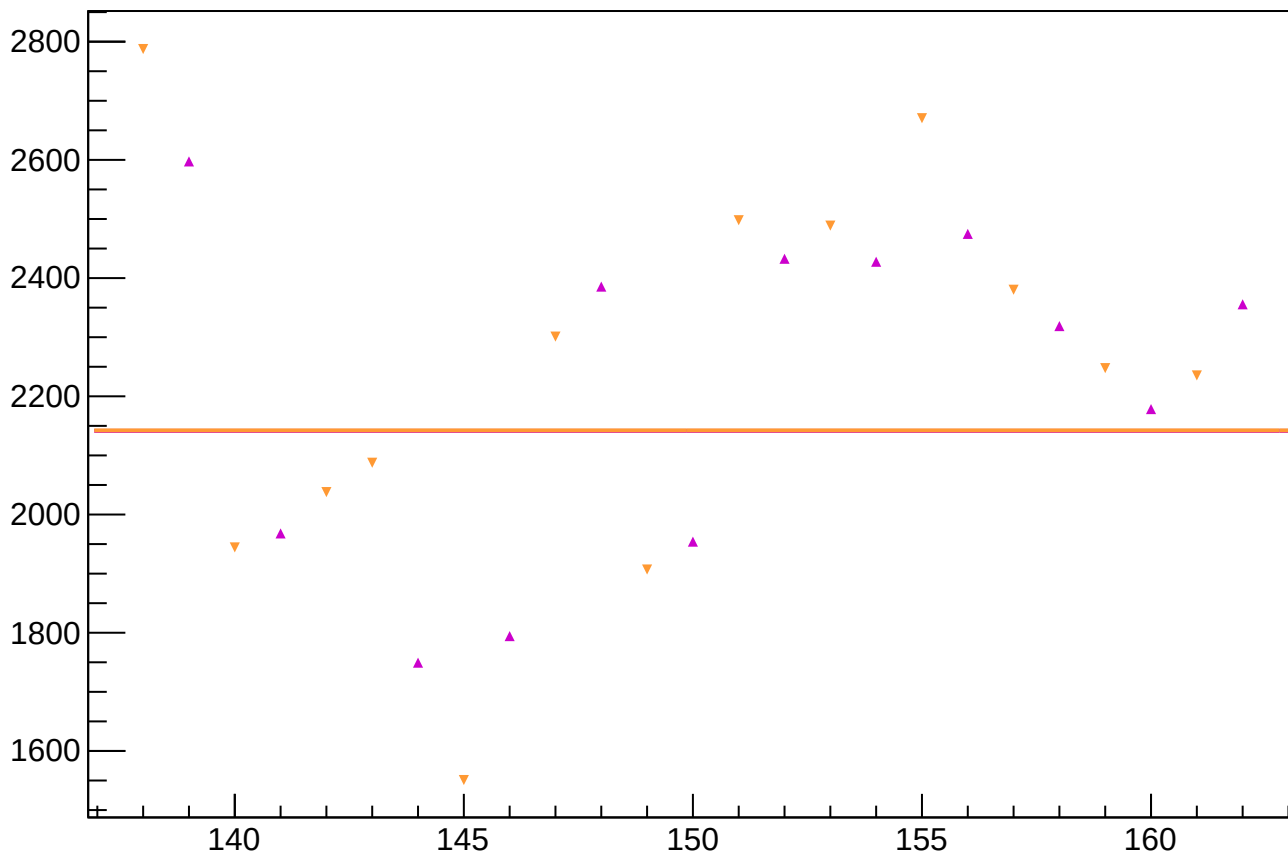
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 995.156+/-690.693 χ^2/NDF :7.2/11

Out: -3618.254+/-698.705 χ^2/NDF :18.8/12

All: -1284.947+/-491.202 χ^2/NDF : 48.1/24

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2142.290+/-0.494 χ^2/NDF : 489505.5/12

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

Left In: 2141.461+/-0.488 χ^2/NDF : 337584.4/11

Left: 2141.870+/-0.347 χ^2/NDF : 827091.4/24

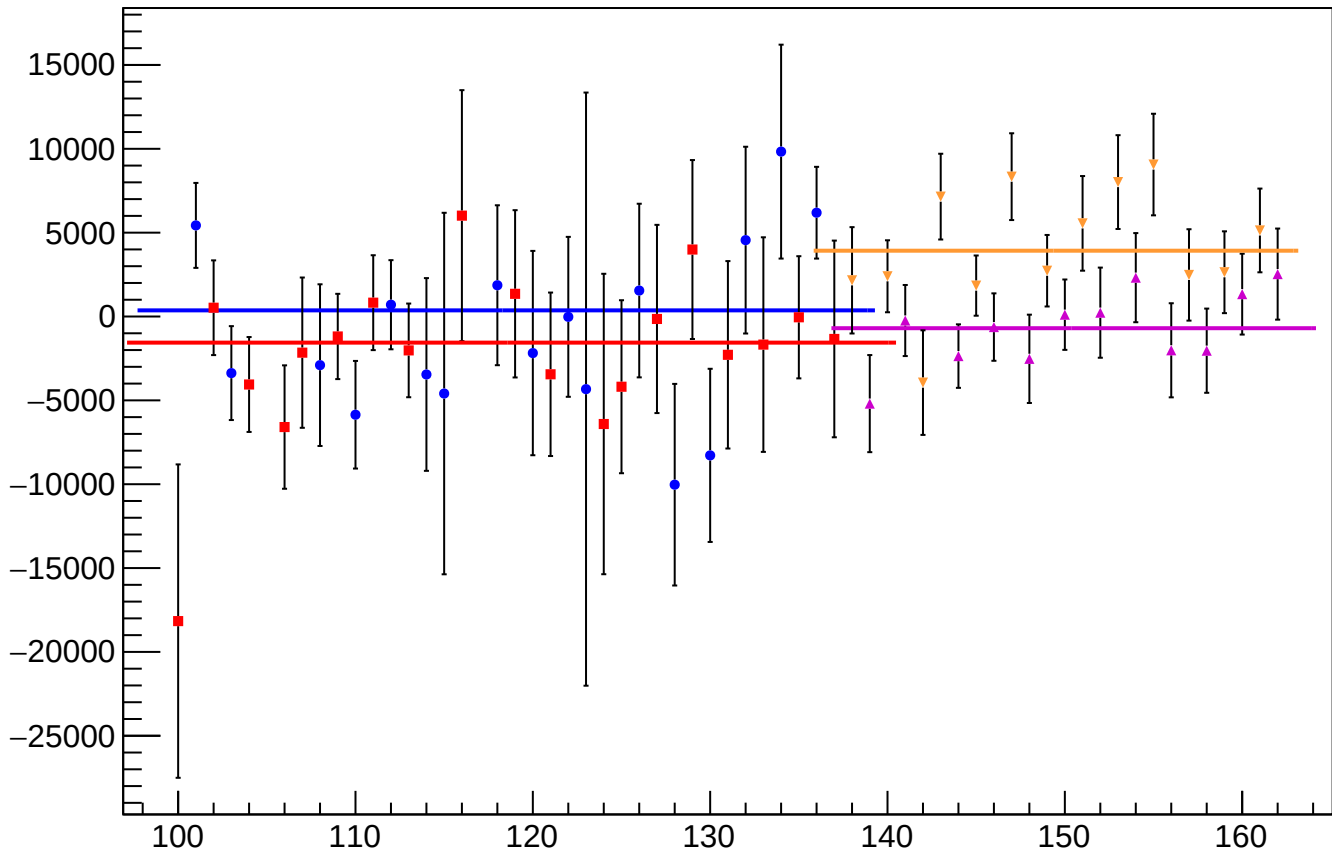
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2141.461+/-0.488 χ^2/NDF : 337584.4/11

Out: 2142.290+/-0.494 χ^2/NDF : 489505.5/12

All: 2141.870+/-0.347 χ^2/NDF : 827091.4/24

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454 ± 992.480 $\chi^2/\text{NDF}: 24.2/16$

Left Out: 3924.218 ± 693.774 $\chi^2/\text{NDF}: 19.5/12$

Right Out: -1557.388 ± 924.003 $\chi^2/\text{NDF}: 10.5/18$

Left In: -697.331 ± 687.951 $\chi^2/\text{NDF}: 7.9/11$

Left: 1593.969 ± 488.501 $\chi^2/\text{NDF}: 49.7/24$

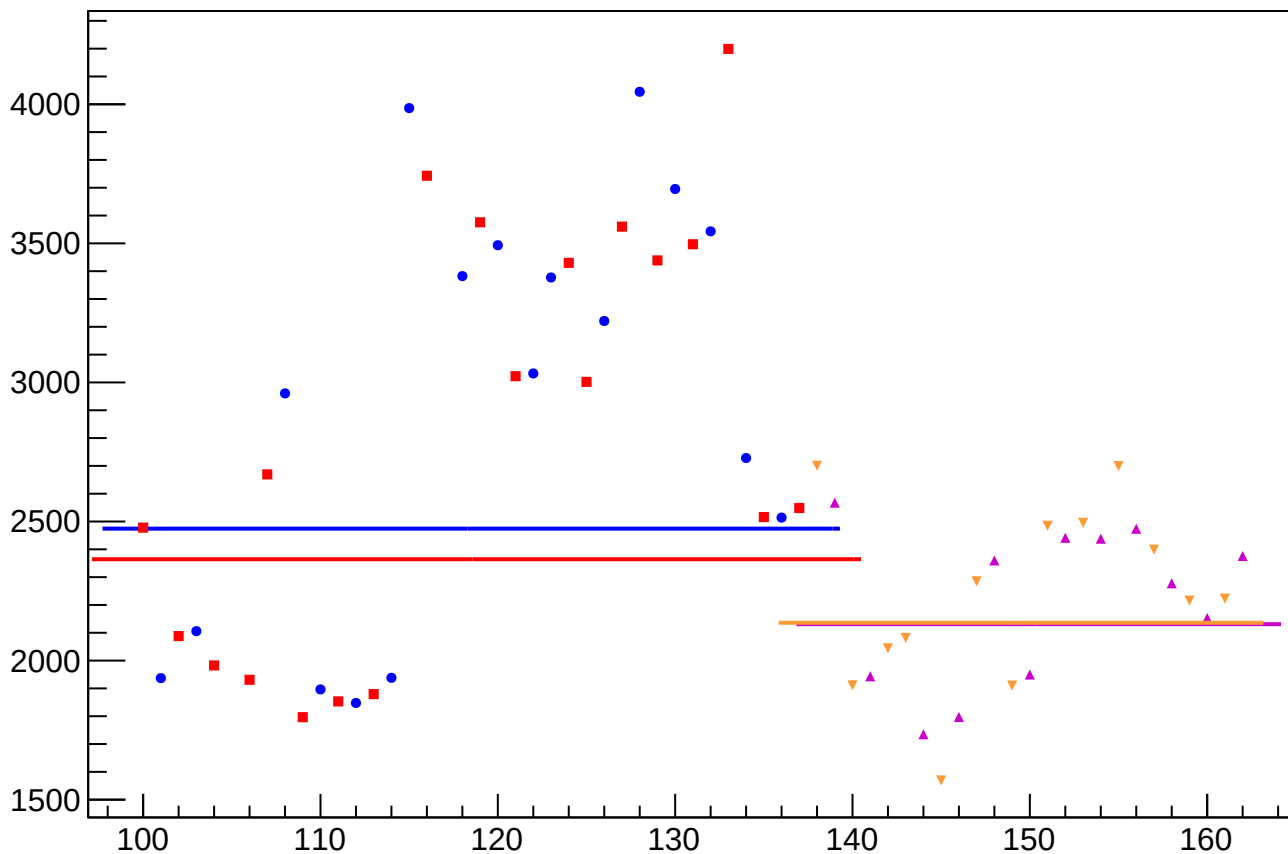
Right: -664.120 ± 676.282 $\chi^2/\text{NDF}: 36.7/35$

In: -352.089 ± 565.402 $\chi^2/\text{NDF}: 32.8/28$

Out: 1948.027 ± 554.797 $\chi^2/\text{NDF}: 52.5/31$

All: 819.743 ± 395.997 $\chi^2/\text{NDF}: 93.8/60$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2136.000+/-0.491 χ^2/NDF : 472349.0/12

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

Left In: 2130.869+/-0.486 χ^2/NDF : 340341.8/11

Left: 2133.413+/-0.345 χ^2/NDF : 812746.0/24

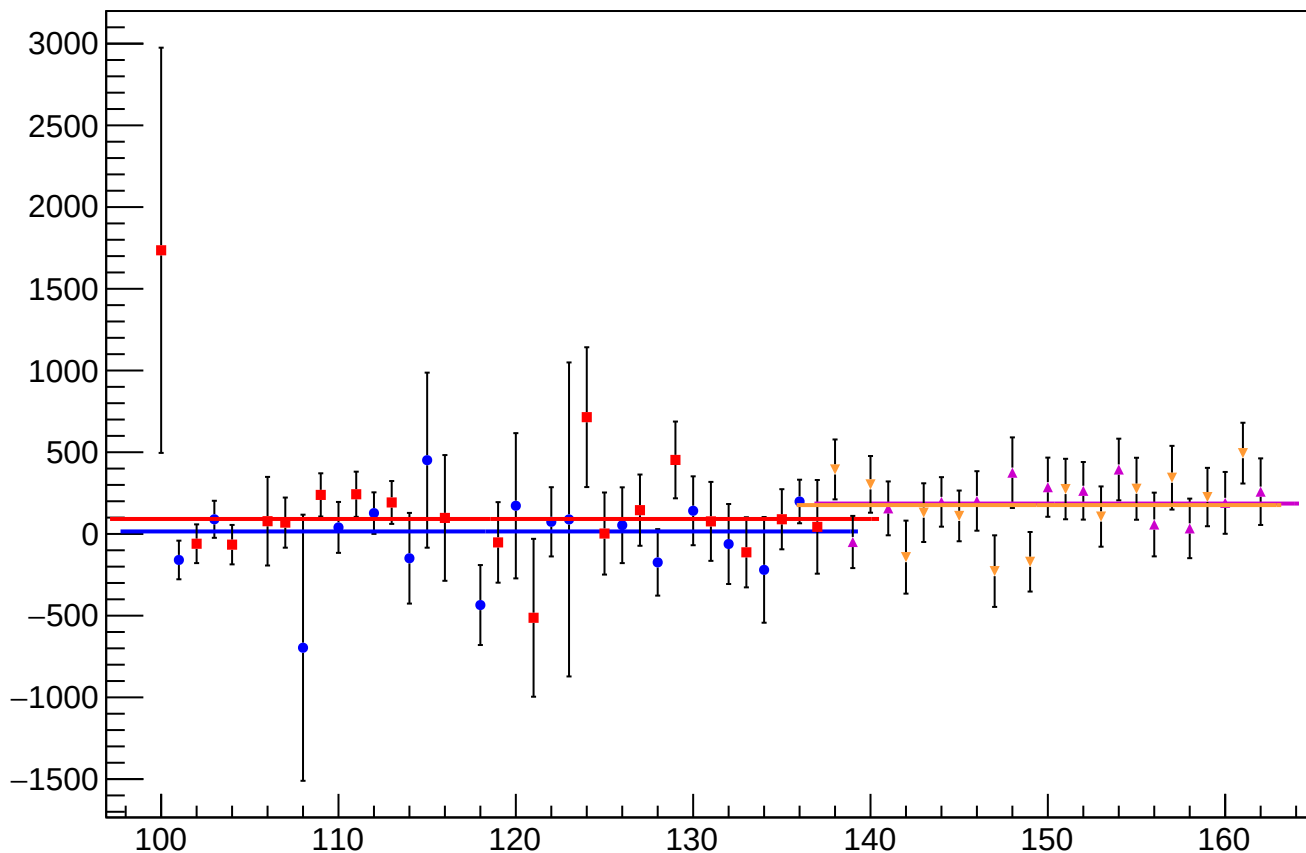
Right: 2415.527+/-0.478 χ^2/NDF : 1942797.3/35

In: 2242.355+/-0.400 χ^2/NDF : 1408445.2/28

Out: 2218.380+/-0.392 χ^2/NDF : 1573971.4/31

All: 2230.141+/-0.280 χ^2/NDF : 2984248.7/60

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303 ± 46.443 χ^2/NDF : 12.6/16

Left Out: 176.595 ± 51.328 χ^2/NDF : 15.7/12

Right Out: 91.634 ± 43.318 χ^2/NDF : 15.7/18

Left In: 185.924 ± 51.955 χ^2/NDF : 6.0/11

Left: 181.203 ± 36.514 χ^2/NDF : 21.7/24

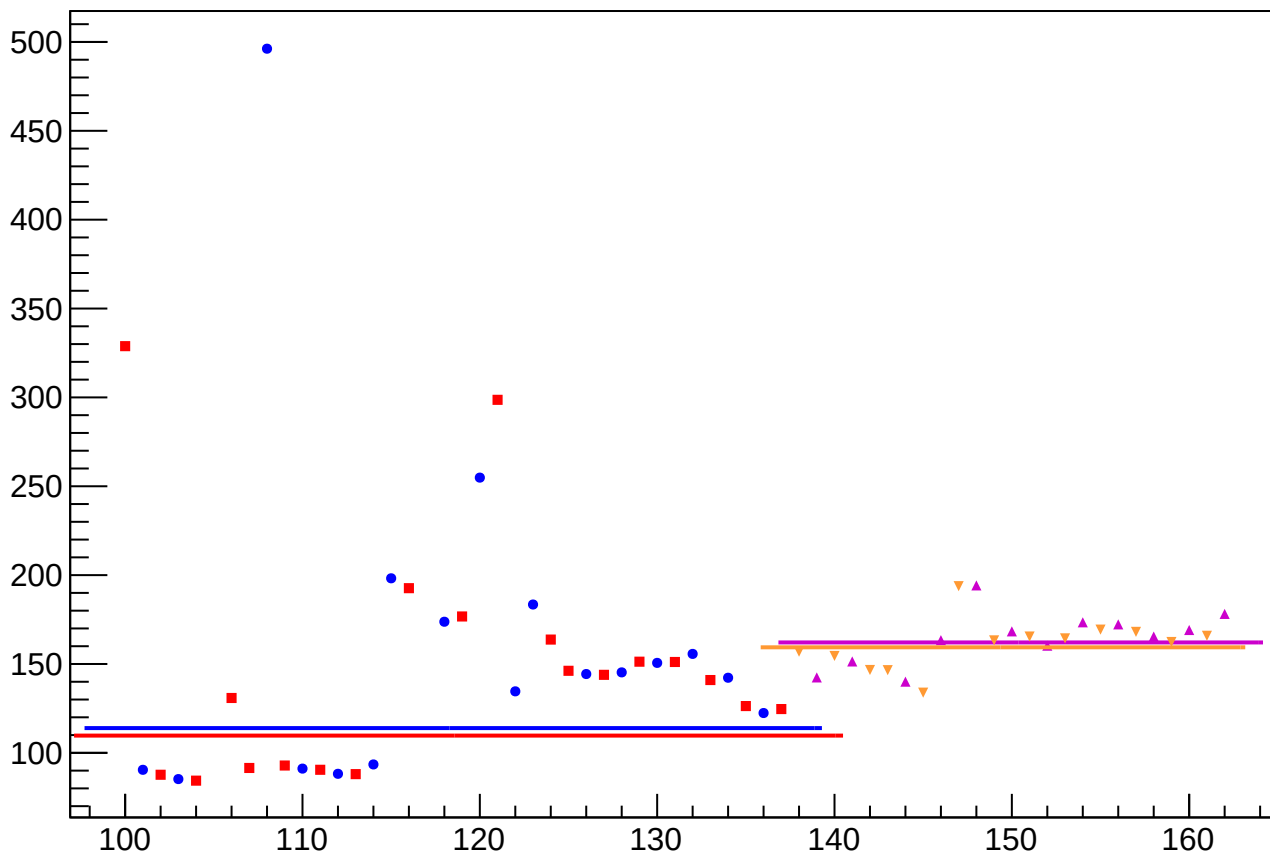
Right: 56.123 ± 31.678 χ^2/NDF : 29.7/35

In: 91.087 ± 34.626 χ^2/NDF : 24.5/28

Out: 126.975 ± 33.105 χ^2/NDF : 33.0/31

All: 109.837 ± 23.928 χ^2/NDF : 58.0/60

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2/NDF : 1407849.3/16

Left Out: 159.381 $\pm$ 0.036 χ^2/NDF :139145.4/12

Right Out: 109.709 $\pm$ 0.031 χ^2/NDF : 1242014.6/18

Left In: 162.123 $\pm$ 0.037 χ^2/NDF :156544.3/11

Left: 160.735 $\pm$ 0.026 χ^2/NDF : 298510.1/24

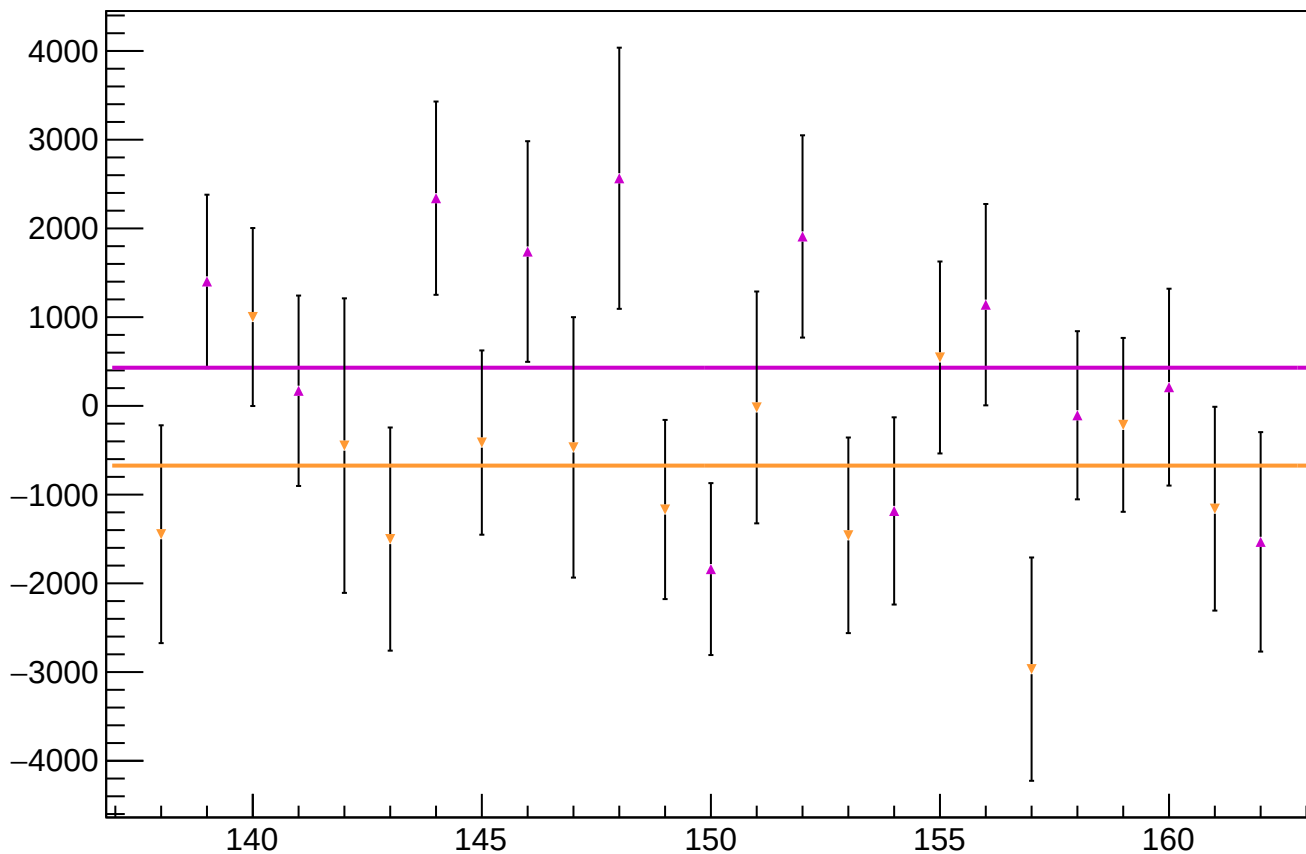
Right: 111.674 $\pm$ 0.022 χ^2/NDF : 2658703.6/35

In: 135.337 $\pm$ 0.024 χ^2/NDF :2520858.0/28

Out: 130.371 $\pm$ 0.023 χ^2/NDF :2475025.6/31

All: 132.743 $\pm$ 0.017 χ^2/NDF : 5017371.8/60

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -672.976+/-320.749 χ^2/NDF : 9.7/12

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

Left In: 430.247+/-316.922 χ^2/NDF : 20.1/11

Left: -114.743+/-225.439 χ^2/NDF : 35.8/24

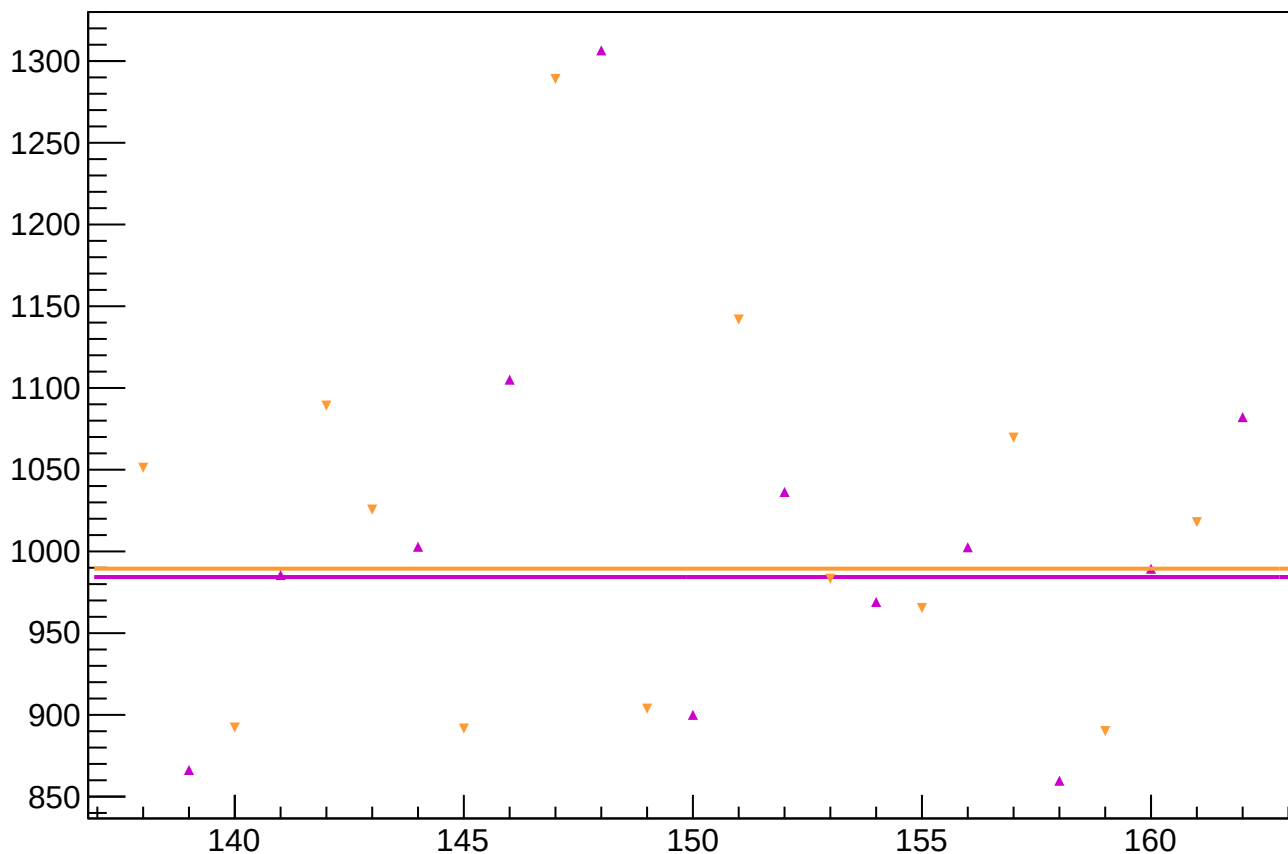
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 430.247+/-316.922 χ^2/NDF : 20.1/11

Out: -672.976+/-320.749 χ^2/NDF : 9.7/12

All: -114.743+/-225.439 χ^2/NDF : 35.8/24

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 989.462+/-0.227 χ^2/NDF :206358.6/12

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

Left In: 984.340+/-0.224 χ^2/NDF :211841.5/11

Left: 986.870+/-0.159 χ^2/NDF : 418458.1/24

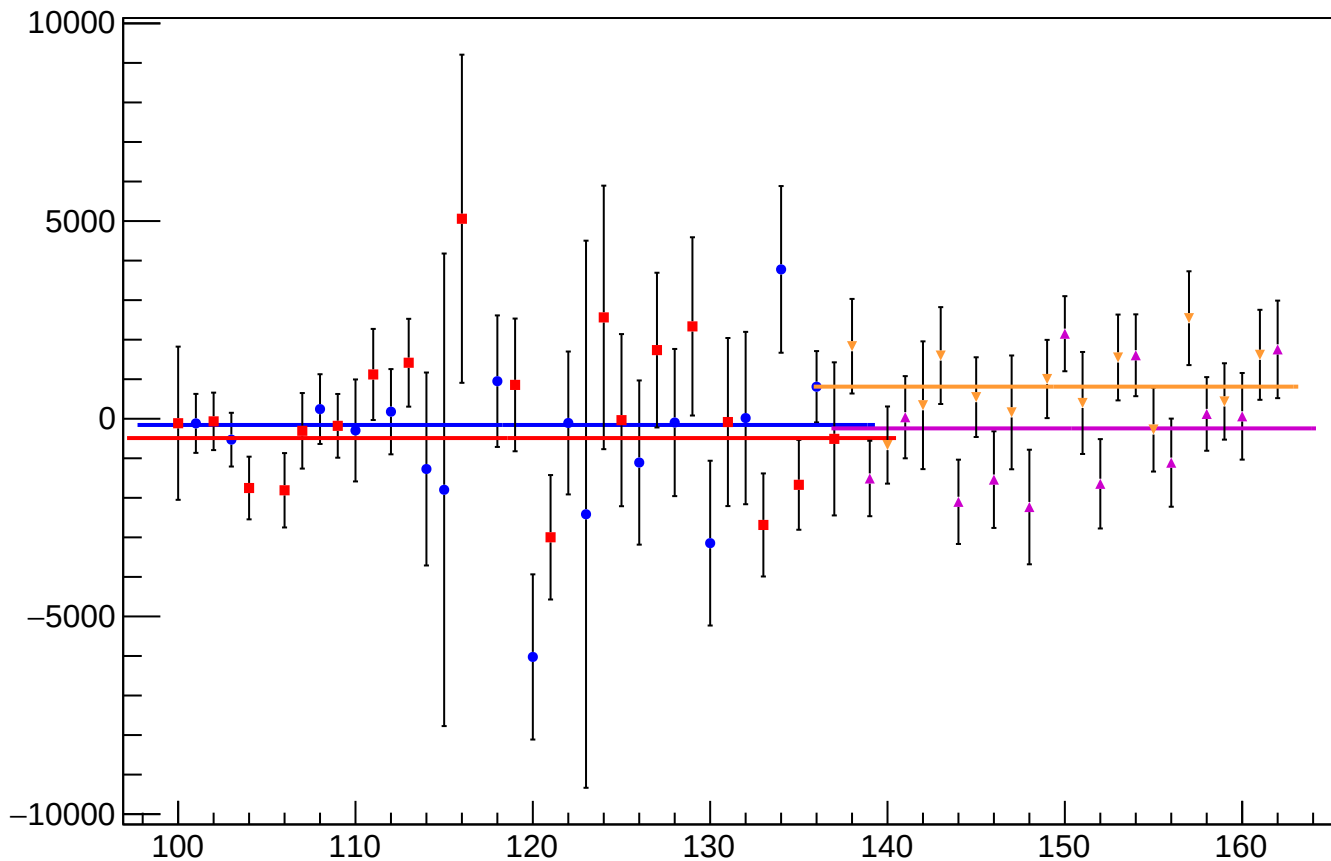
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 984.340+/-0.224 χ^2/NDF :211841.5/11

Out: 989.462+/-0.227 χ^2/NDF :206358.6/12

All: 986.870+/-0.159 χ^2/NDF : 418458.1/24

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178 ± 312.499 $\chi^2/\text{NDF}: 16.2/16$

Left Out: 812.000 ± 313.498 $\chi^2/\text{NDF}: 8.2/12$

Right Out: -488.583 ± 282.758 $\chi^2/\text{NDF}: 22.6/18$

Left In: -243.843 ± 311.242 $\chi^2/\text{NDF}: 22.4/11$

Left: 280.266 ± 220.875 $\chi^2/\text{NDF}: 36.4/24$

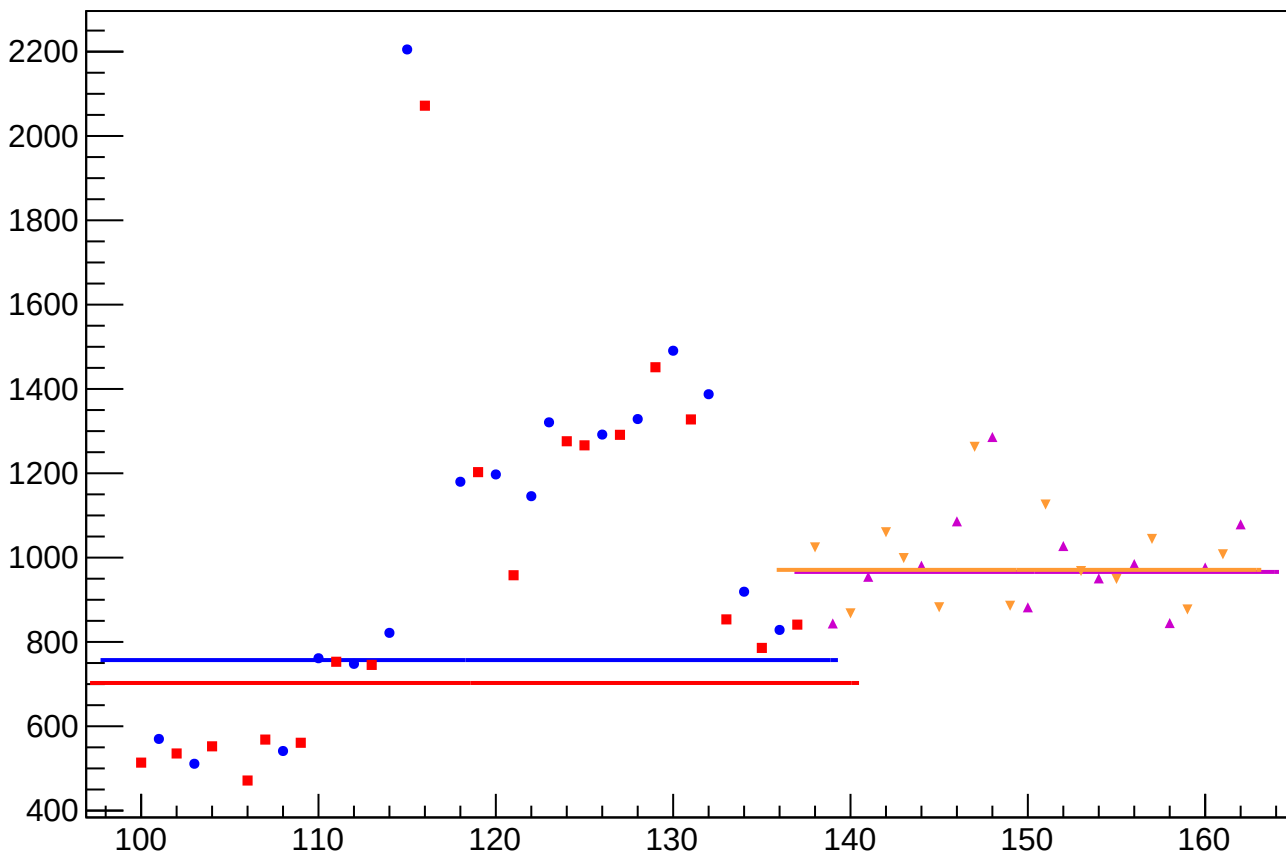
Right: -339.397 ± 209.669 $\chi^2/\text{NDF}: 39.5/35$

In: -200.685 ± 220.525 $\chi^2/\text{NDF}: 38.7/28$

Out: 94.835 ± 209.969 $\chi^2/\text{NDF}: 40.3/31$

All: -45.683 ± 152.065 $\chi^2/\text{NDF}: 80.0/60$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 970.932 $\pm$ 0.222 χ^2 /NDF: 204350.8/12

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

Left In: 966.063 $\pm$ 0.220 χ^2 /NDF: 223645.7/11

Left: 968.480 $\pm$ 0.156 χ^2 /NDF: 428239.4/24

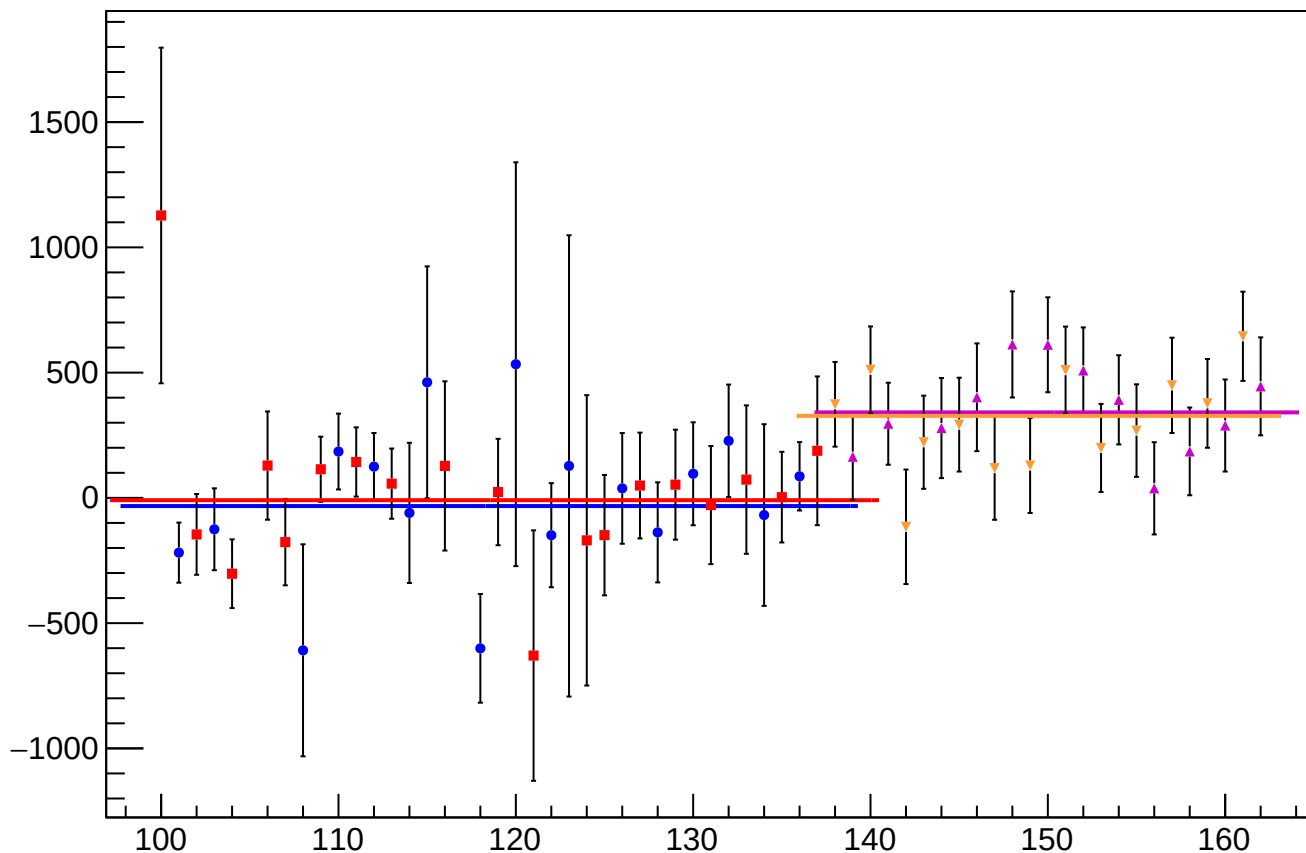
Right: 727.113 $\pm$ 0.148 χ^2 /NDF: 3434103.1/35

In: 861.945 $\pm$ 0.156 χ^2 /NDF: 2384363.8/28

Out: 823.000 $\pm$ 0.148 χ^2 /NDF: 2701544.2/31

All: 841.518 $\pm$ 0.108 χ^2 /NDF: 5118625.4/60

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 $\pm$ 48.431 χ^2/NDF : 19.7/16

Left Out: 327.326 $\pm$ 51.160 χ^2/NDF :12.8/12

Right Out: -9.277 $\pm$ 45.600 χ^2/NDF : 14.7/18

Left In: 341.163 $\pm$ 53.328 χ^2/NDF :9.9/11

Left: 333.957 $\pm$ 36.918 χ^2/NDF : 22.8/24

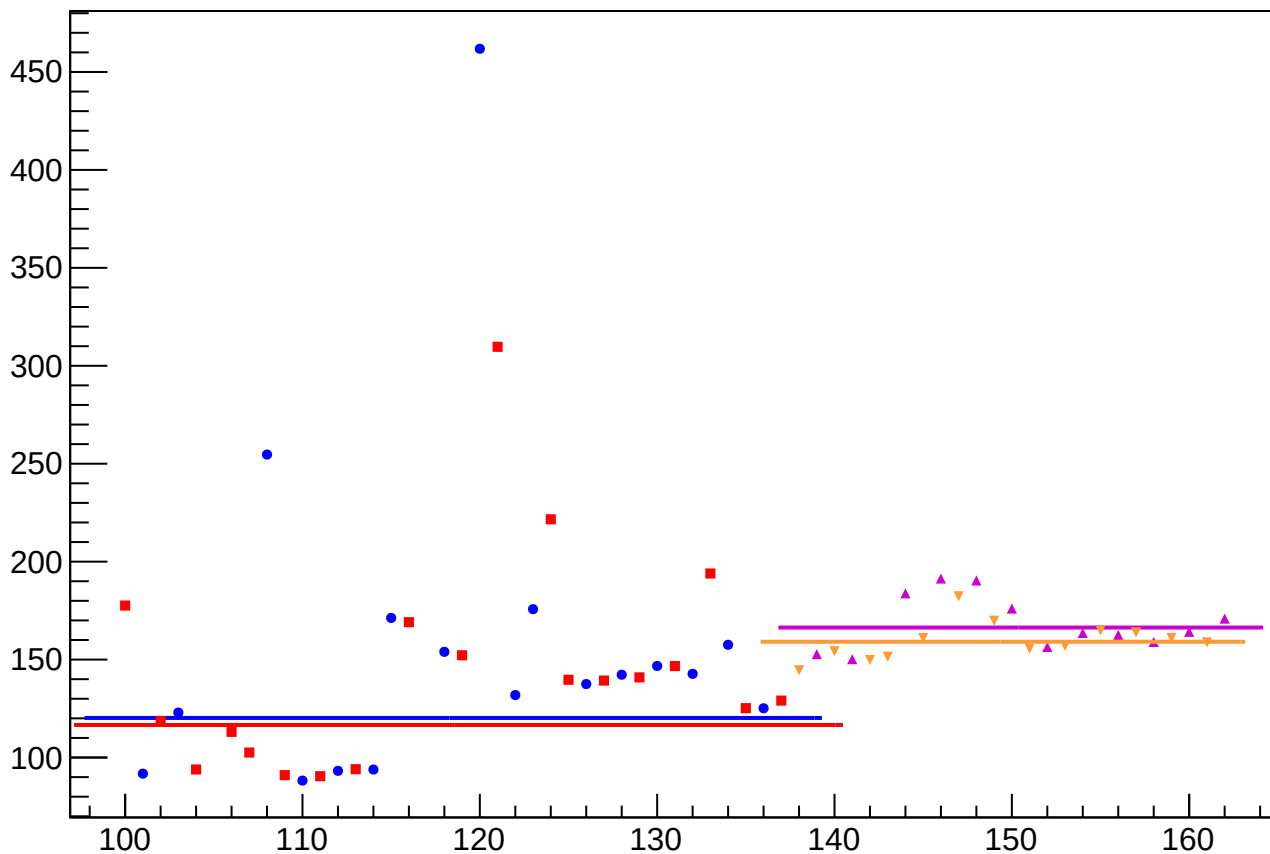
Right: -20.281 $\pm$ 33.200 χ^2/NDF : 34.6/35

In: 136.285 $\pm$ 35.852 χ^2/NDF :56.6/28

Out: 139.746 $\pm$ 34.040 χ^2/NDF :51.7/31

All: 138.105 $\pm$ 24.686 χ^2/NDF : 108.2/60

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2 /NDF: 1062326.6/16

Left Out: 159.106 $\pm$ 0.036 χ^2 /NDF: 59629.1/12

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

Left In: 166.362 $\pm$ 0.038 χ^2 /NDF: 118270.7/11

Left: 162.584 $\pm$ 0.026 χ^2 /NDF: 197179.2/24

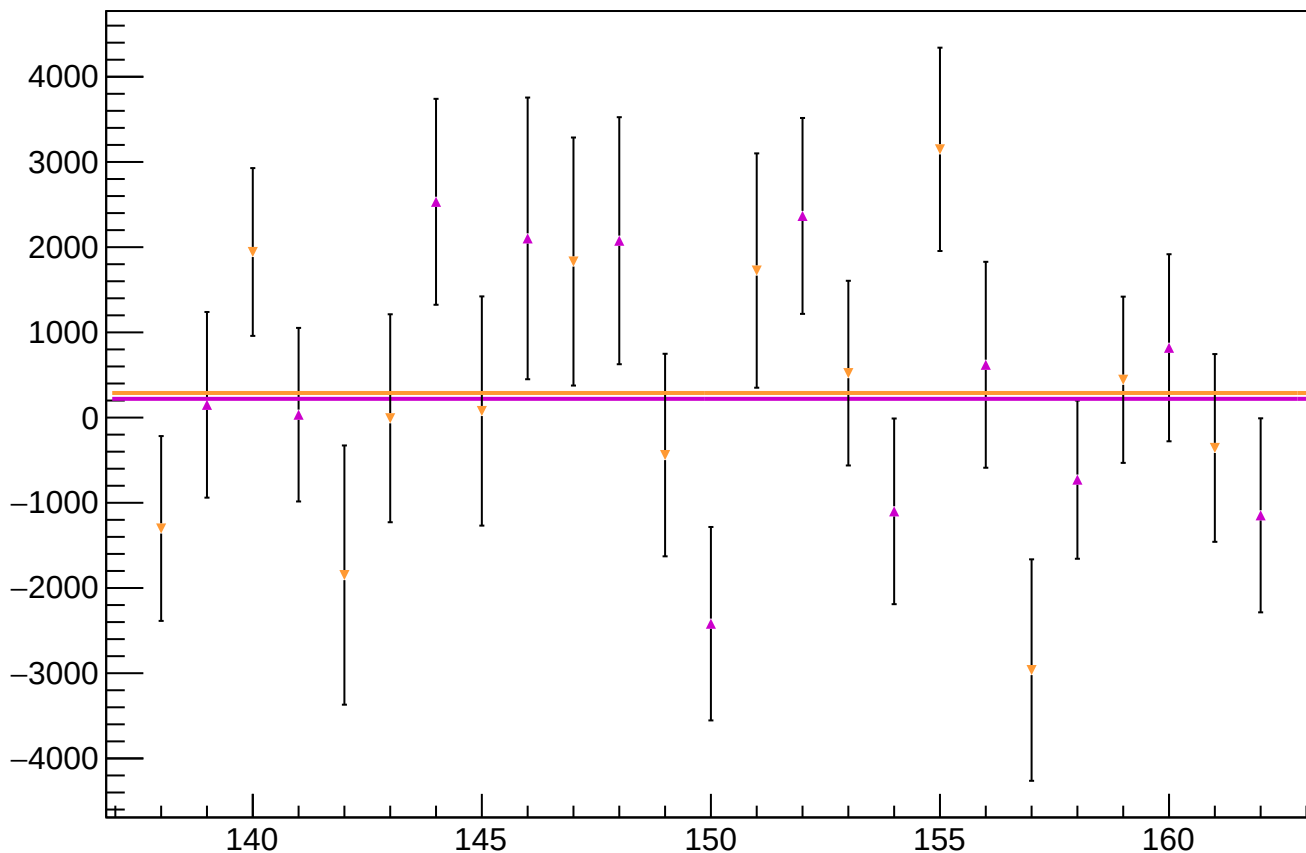
Right: 118.304 $\pm$ 0.023 χ^2 /NDF: 2066104.2/35

In: 141.068 $\pm$ 0.025 χ^2 /NDF: 2001609.3/28

Out: 135.429 $\pm$ 0.024 χ^2 /NDF: 1826327.6/31

All: 138.102 $\pm$ 0.017 χ^2 /NDF: 3853963.0/60

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 288.846+/-328.495 χ^2/NDF :22.0/12

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

Left In: 219.983+/-330.534 χ^2/NDF :19.9/11

Left: 254.627+/-232.999 χ^2/NDF : 41.9/24

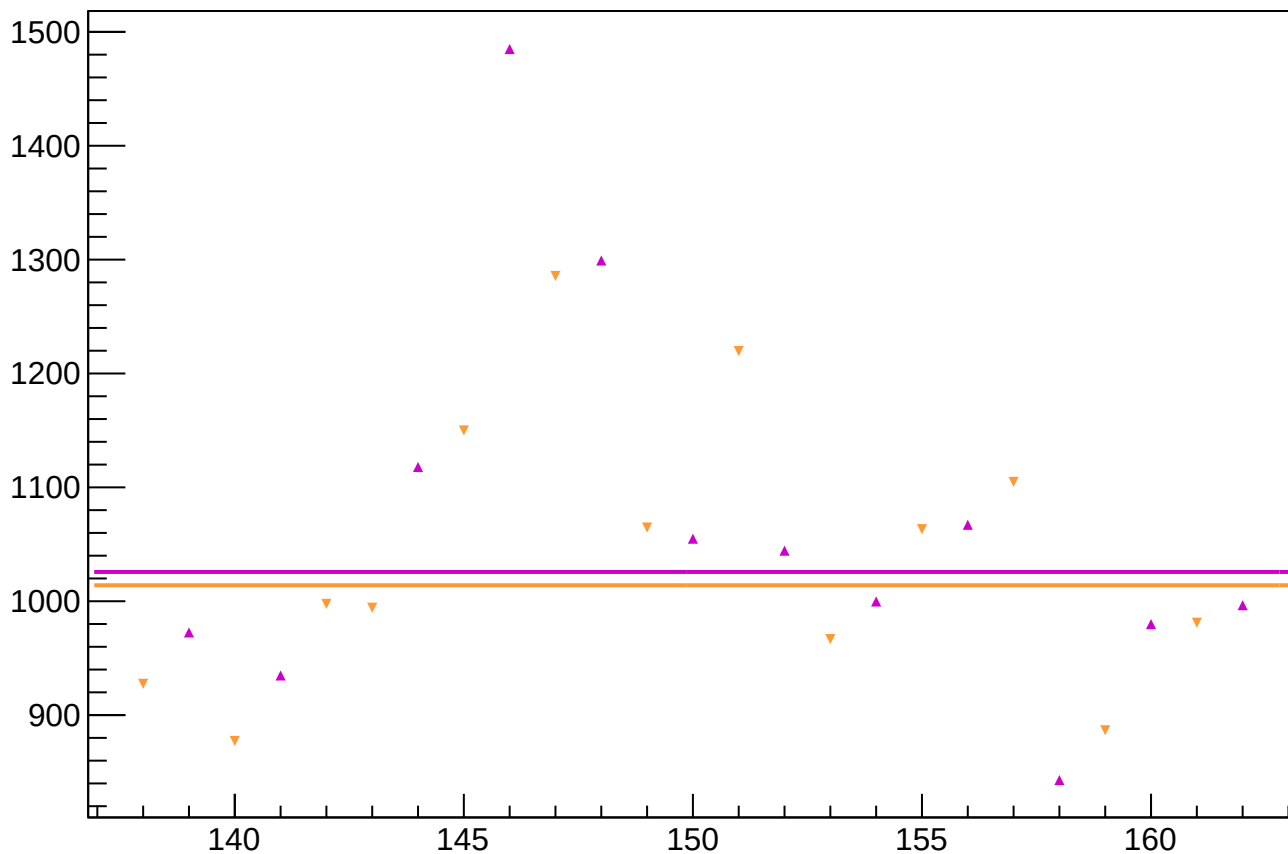
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.983+/-330.534 χ^2/NDF :19.9/11

Out: 288.846+/-328.495 χ^2/NDF :22.0/12

All: 254.627+/-232.999 χ^2/NDF : 41.9/24

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 1014.055+/-0.232 χ^2/NDF :243404.2/12

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

Left In: 1025.724+/-0.234 χ^2/NDF :345443.4/11

Left: 1019.853+/-0.165 χ^2/NDF : 590101.7/24

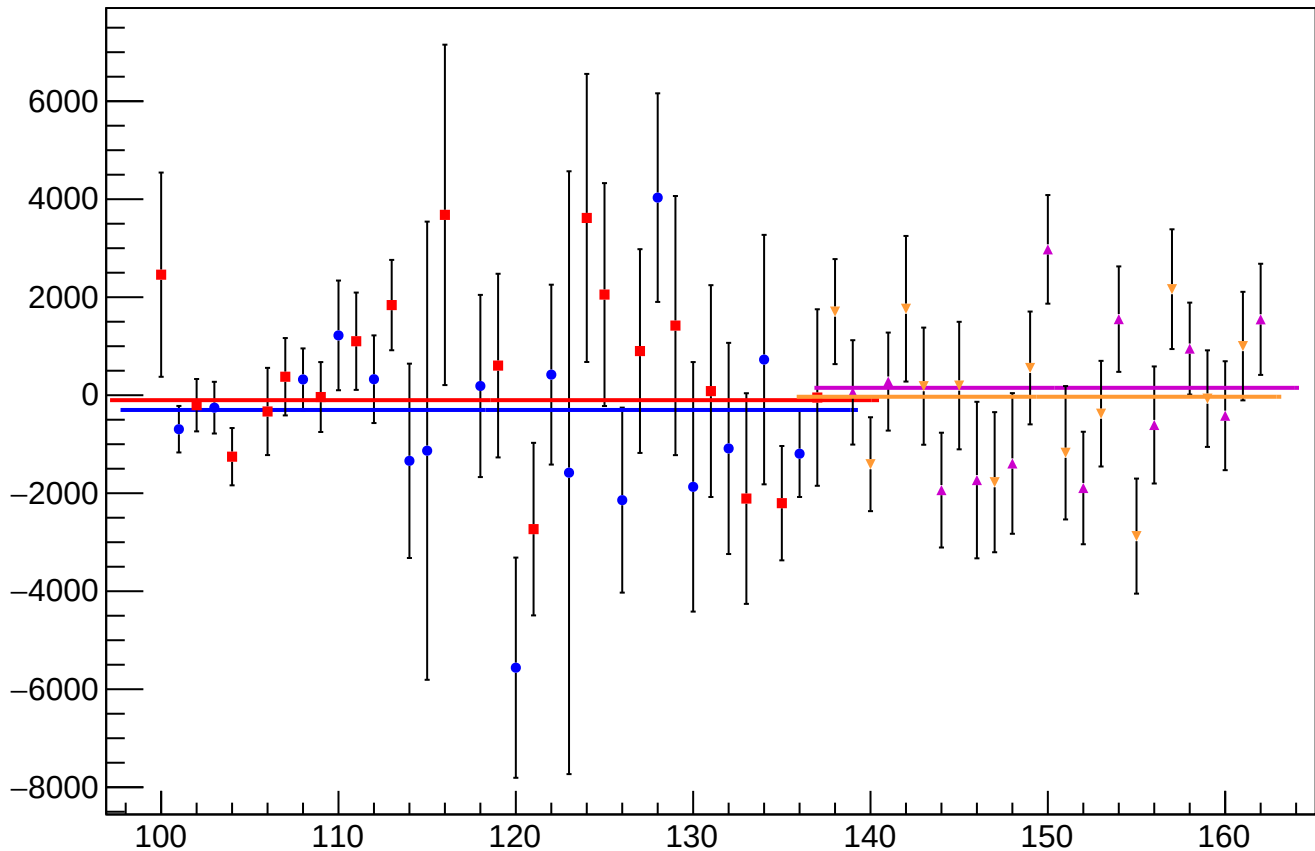
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1025.724+/-0.234 χ^2/NDF :345443.4/11

Out: 1014.055+/-0.232 χ^2/NDF :243404.2/12

All: 1019.853+/-0.165 χ^2/NDF : 590101.7/24

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 ± 250.042 χ^2/NDF : 16.8/16

Left Out: -31.408 ± 322.960 χ^2/NDF : 18.7/12

Right Out: -100.857 ± 245.981 χ^2/NDF : 22.5/18

Left In: 150.848 ± 327.080 χ^2/NDF : 20.0/11

Left: 58.565 ± 229.810 χ^2/NDF : 38.9/24

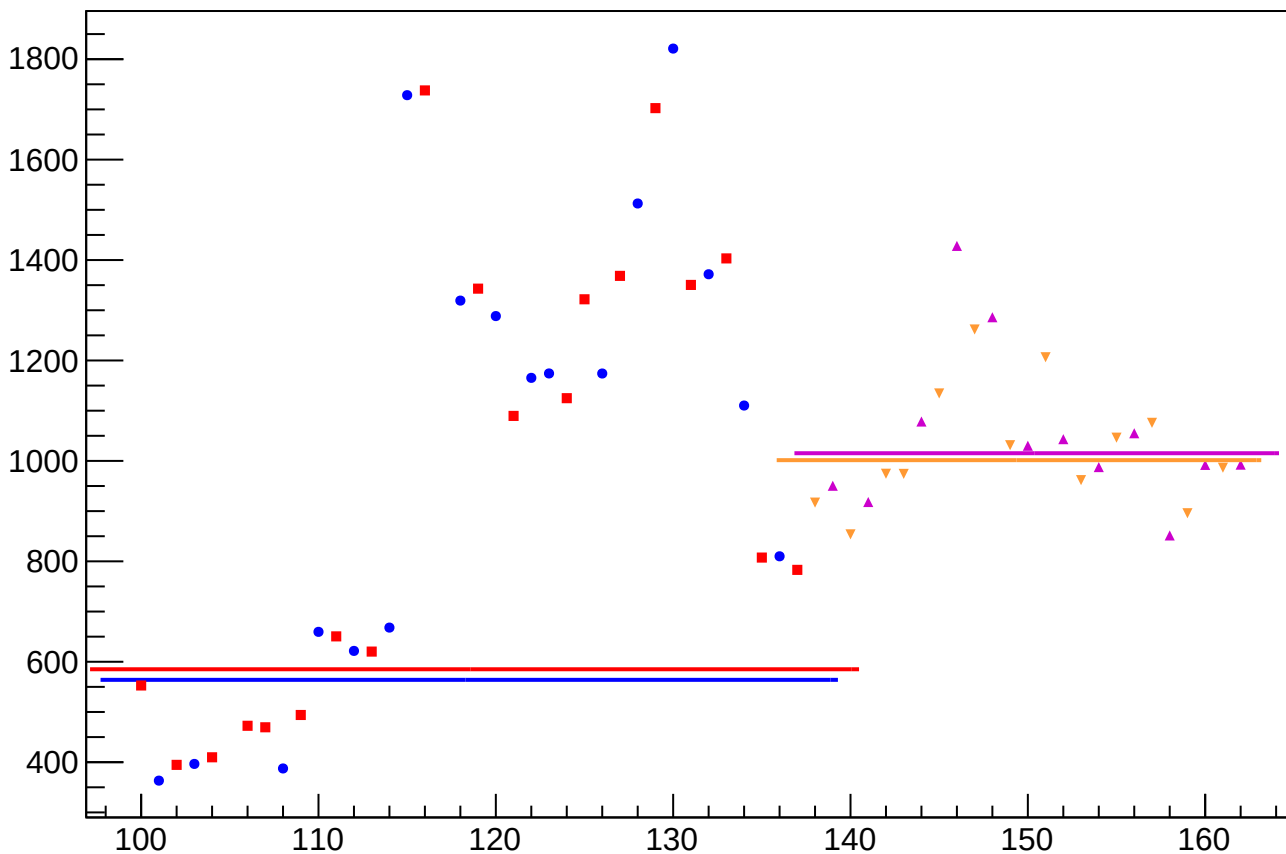
Right: -199.290 ± 175.353 χ^2/NDF : 39.7/35

In: -134.335 ± 198.646 χ^2/NDF : 38.1/28

Out: -75.360 ± 195.686 χ^2/NDF : 41.3/31

All: -104.405 ± 139.405 χ^2/NDF : 79.4/60

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1001.485 $\pm$ 0.228 χ^2 /NDF: 231939.3/12

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

Left In: 1015.308 $\pm$ 0.231 χ^2 /NDF: 304646.1/11

Left: 1008.309 $\pm$ 0.163 χ^2 /NDF: 538394.1/24

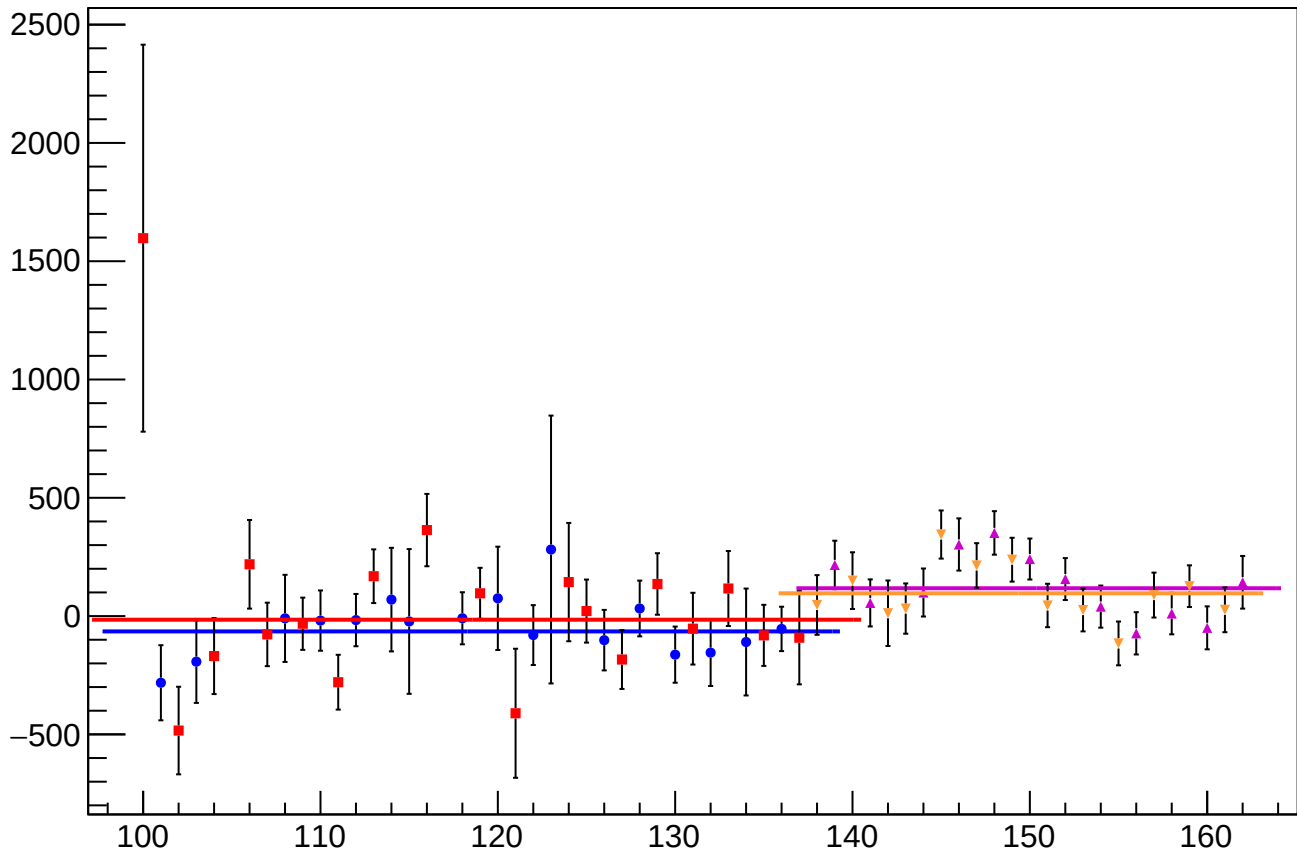
Right: 574.709 $\pm$ 0.124 χ^2 /NDF: 6089543.5/35

In: 730.468 $\pm$ 0.140 χ^2 /NDF: 5969359.0/28

Out: 737.948 $\pm$ 0.138 χ^2 /NDF: 5157037.6/31

All: 734.264 $\pm$ 0.099 χ^2 /NDF: 11127835.8/60

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 96.306 ± 27.647 χ^2/NDF : 17.8/12

Right Out: -15.294 ± 33.422 χ^2/NDF : 35.0/18

Left In: 117.637 ± 27.349 χ^2/NDF : 23.1/11

Left: 107.087 ± 19.443 χ^2/NDF : 41.2/24

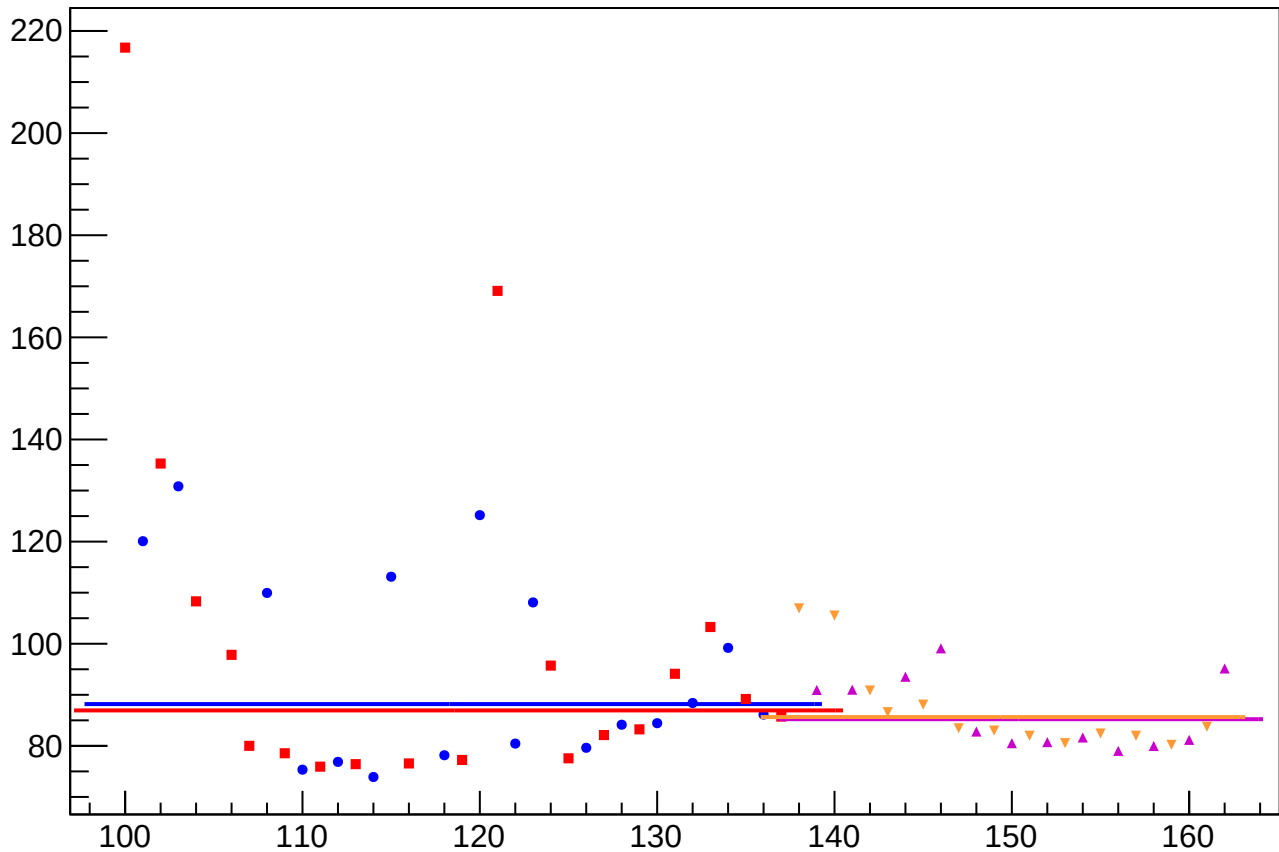
Right: -39.167 ± 24.048 χ^2/NDF : 42.2/35

In: 47.558 ± 21.463 χ^2/NDF : 46.3/28

Out: 50.965 ± 21.303 χ^2/NDF : 59.4/31

All: 49.274 ± 15.120 χ^2/NDF : 105.7/60

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2/NDF : 394447.7/16

Left Out: 85.643 $\pm$ 0.020 χ^2/NDF : 142219.5/12

Right Out: 86.943 $\pm$ 0.024 χ^2/NDF : 531359.9/18

Left In: 85.225 $\pm$ 0.019 χ^2/NDF : 110307.0/11

Left: 85.432 $\pm$ 0.014 χ^2/NDF : 252756.6/24

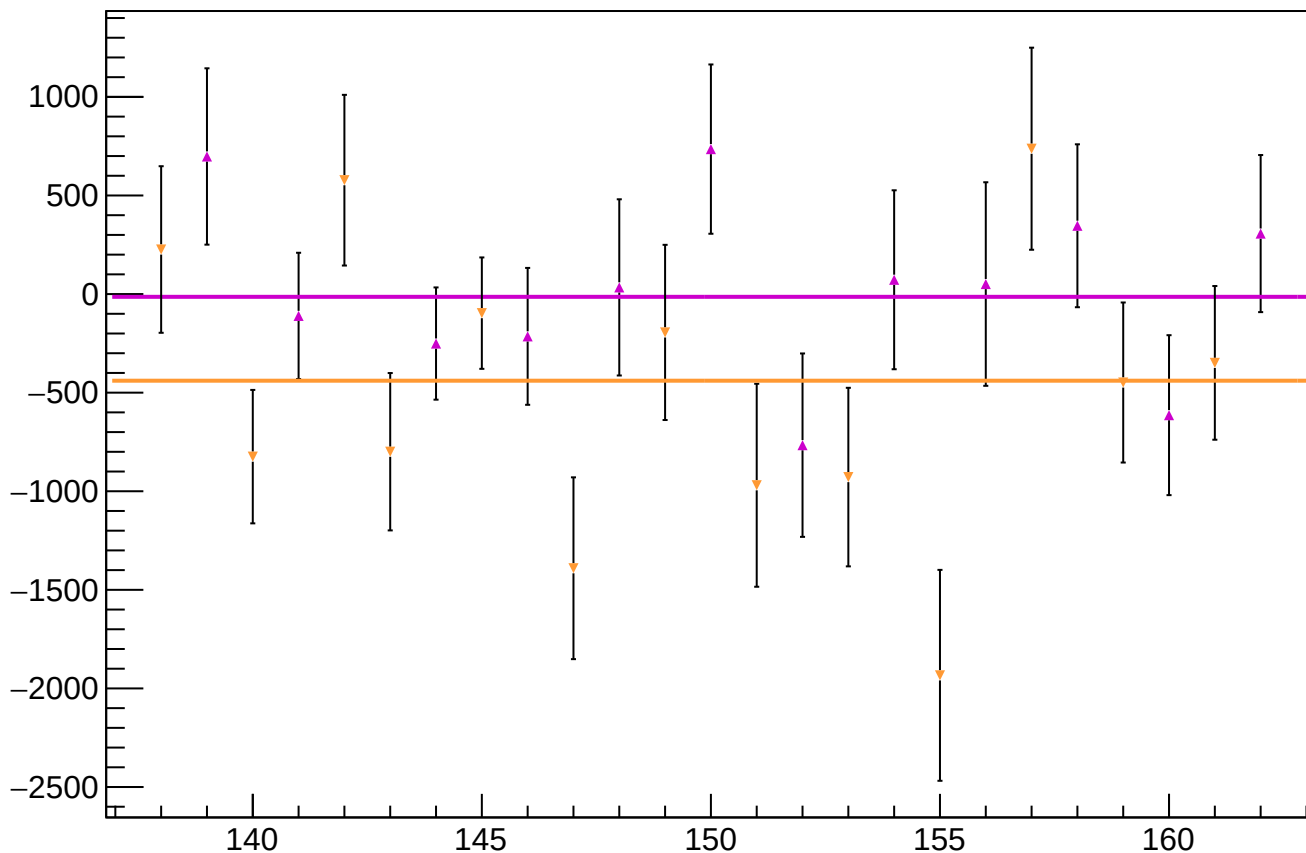
Right: 87.542 $\pm$ 0.017 χ^2/NDF : 927142.1/35

In: 86.363 $\pm$ 0.015 χ^2/NDF : 513758.1/28

Out: 86.171 $\pm$ 0.015 χ^2/NDF : 675376.9/31

All: 86.266 $\pm$ 0.011 χ^2/NDF : 1189215.5/60

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -439.346+/-114.057 χ^2/NDF :31.5/12

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

Left In: -13.958+/-113.732 χ^2/NDF :13.0/11

Left: -226.044+/-80.535 χ^2/NDF : 51.5/24

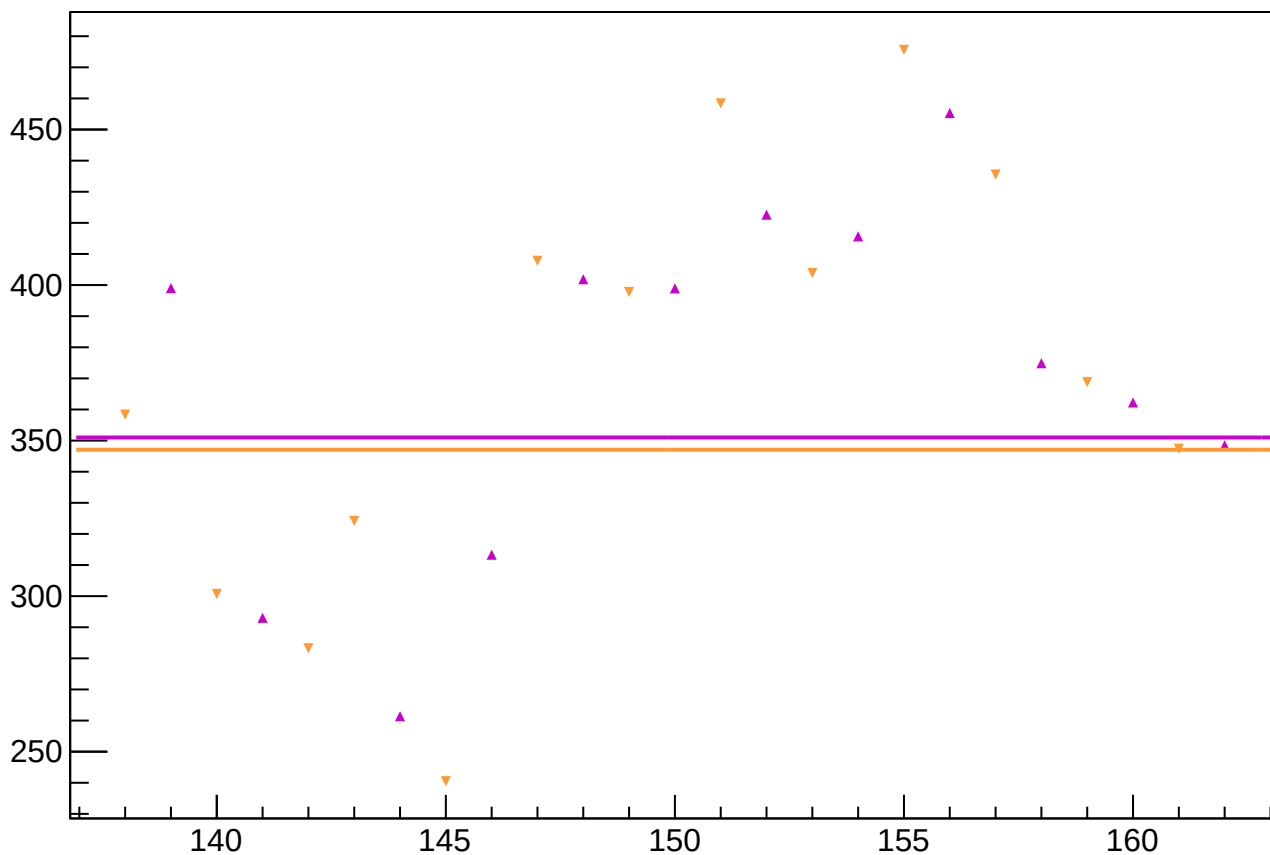
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.958+/-113.732 χ^2/NDF :13.0/11

Out: -439.346+/-114.057 χ^2/NDF :31.5/12

All: -226.044+/-80.535 χ^2/NDF : 51.5/24

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 347.058+/-0.081 χ^2/NDF :740385.4/12

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

Left In: 351.003+/-0.080 χ^2/NDF :539370.9/11

Left: 349.036+/-0.057 χ^2/NDF : 1280955.7/24

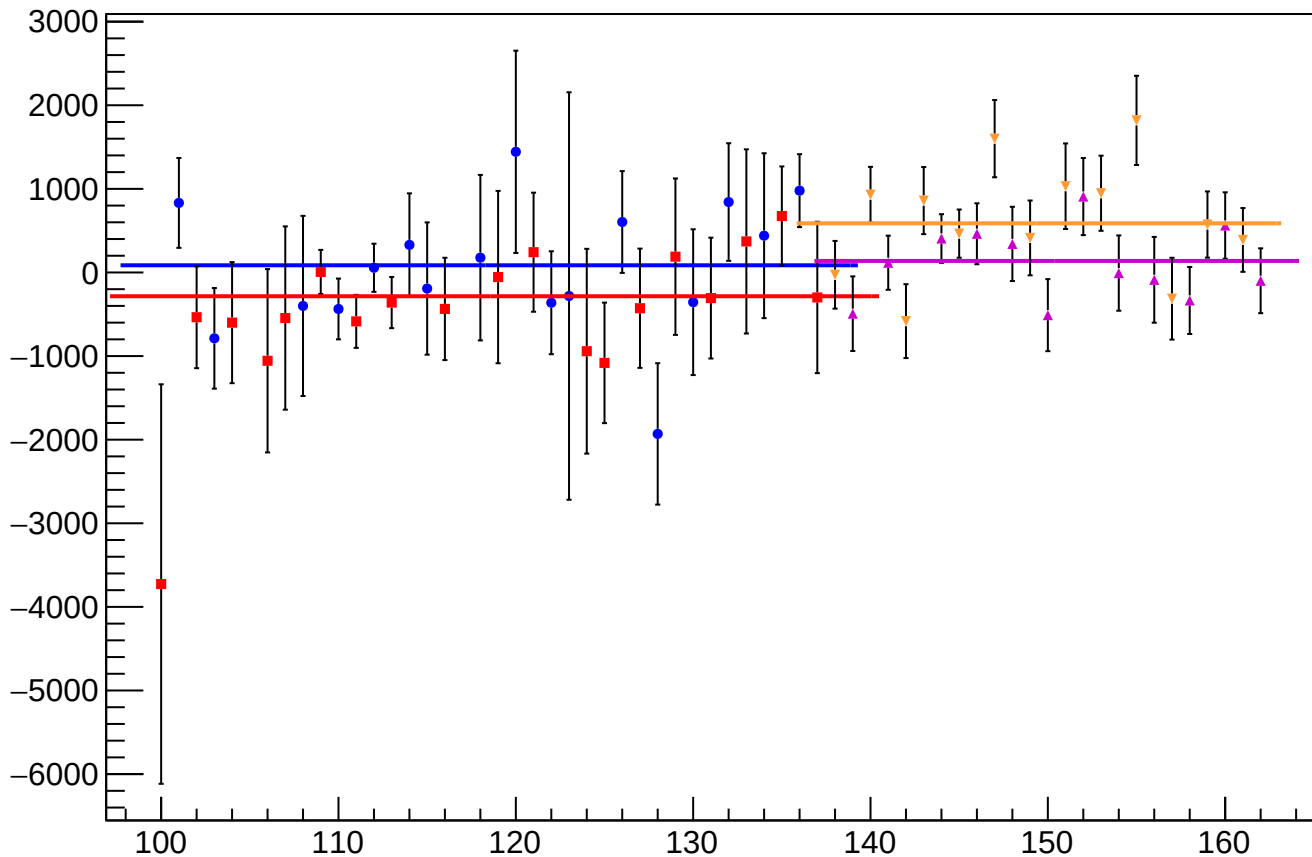
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.003+/-0.080 χ^2/NDF :539370.9/11

Out: 347.058+/-0.081 χ^2/NDF :740385.4/12

All: 349.036+/-0.057 χ^2/NDF : 1280955.7/24

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 $\pm$ 142.601 χ^2 /NDF: 20.6/16

Left Out: 587.937 $\pm$ 113.315 χ^2 /NDF: 26.4/12

Right Out: -284.456 $\pm$ 129.599 χ^2 /NDF: 10.6/18

Left In: 137.975 $\pm$ 113.936 χ^2 /NDF: 12.1/11

Left: 364.186 $\pm$ 80.344 χ^2 /NDF: 46.3/24

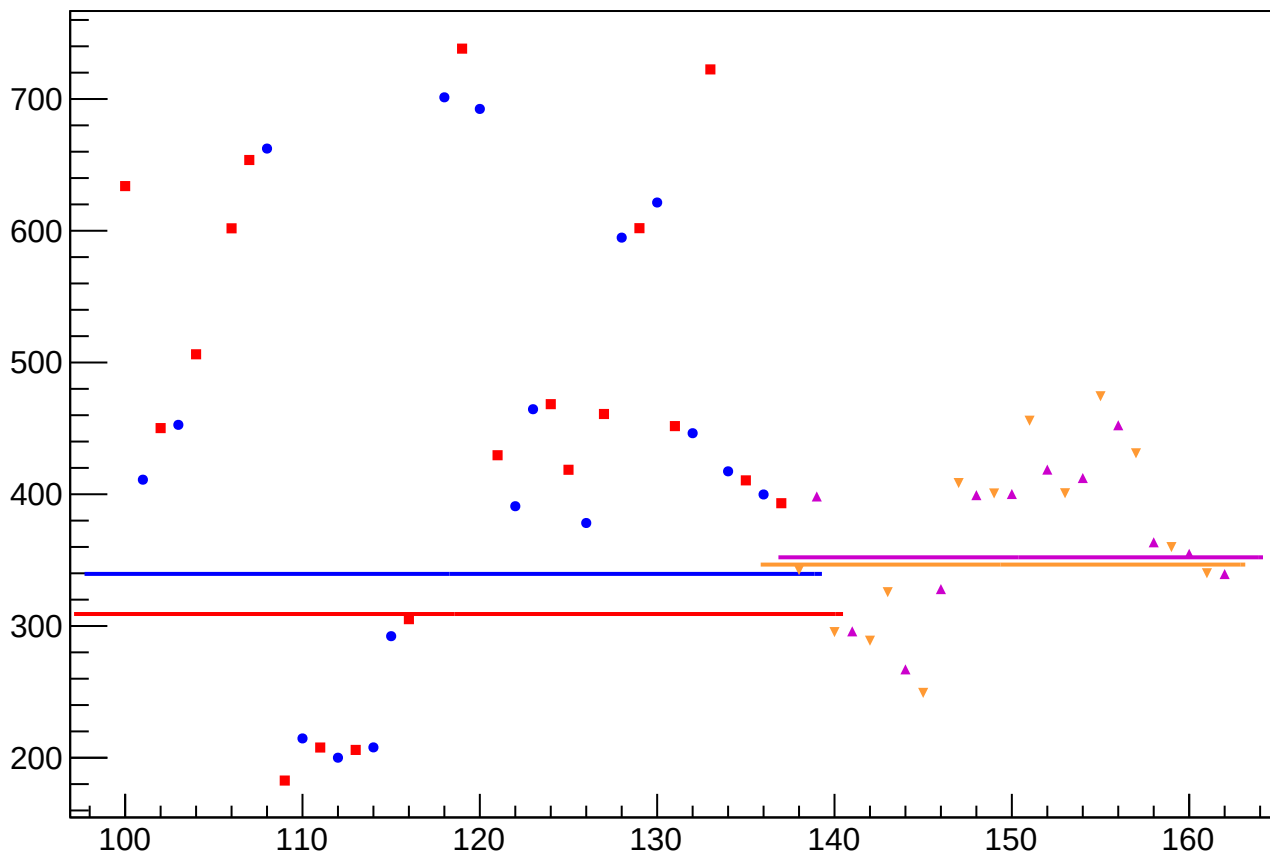
Right: -116.969 $\pm$ 95.908 χ^2 /NDF: 34.9/35

In: 117.649 $\pm$ 89.013 χ^2 /NDF: 32.8/28

Out: 209.962 $\pm$ 85.306 χ^2 /NDF: 62.7/31

All: 165.768 $\pm$ 61.589 χ^2 /NDF: 96.0/60

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 ± 0.101 $\chi^2/\text{NDF}: 2042244.1/16$

Left Out: 346.618 ± 0.080 $\chi^2/\text{NDF}: 677725.0/12$

Right Out: 309.105 ± 0.092 $\chi^2/\text{NDF}: 2730308.7/18$

Left In: 352.135 ± 0.081 $\chi^2/\text{NDF}: 466812.0/11$

Left: 349.361 ± 0.057 $\chi^2/\text{NDF}: 1146894.5/24$

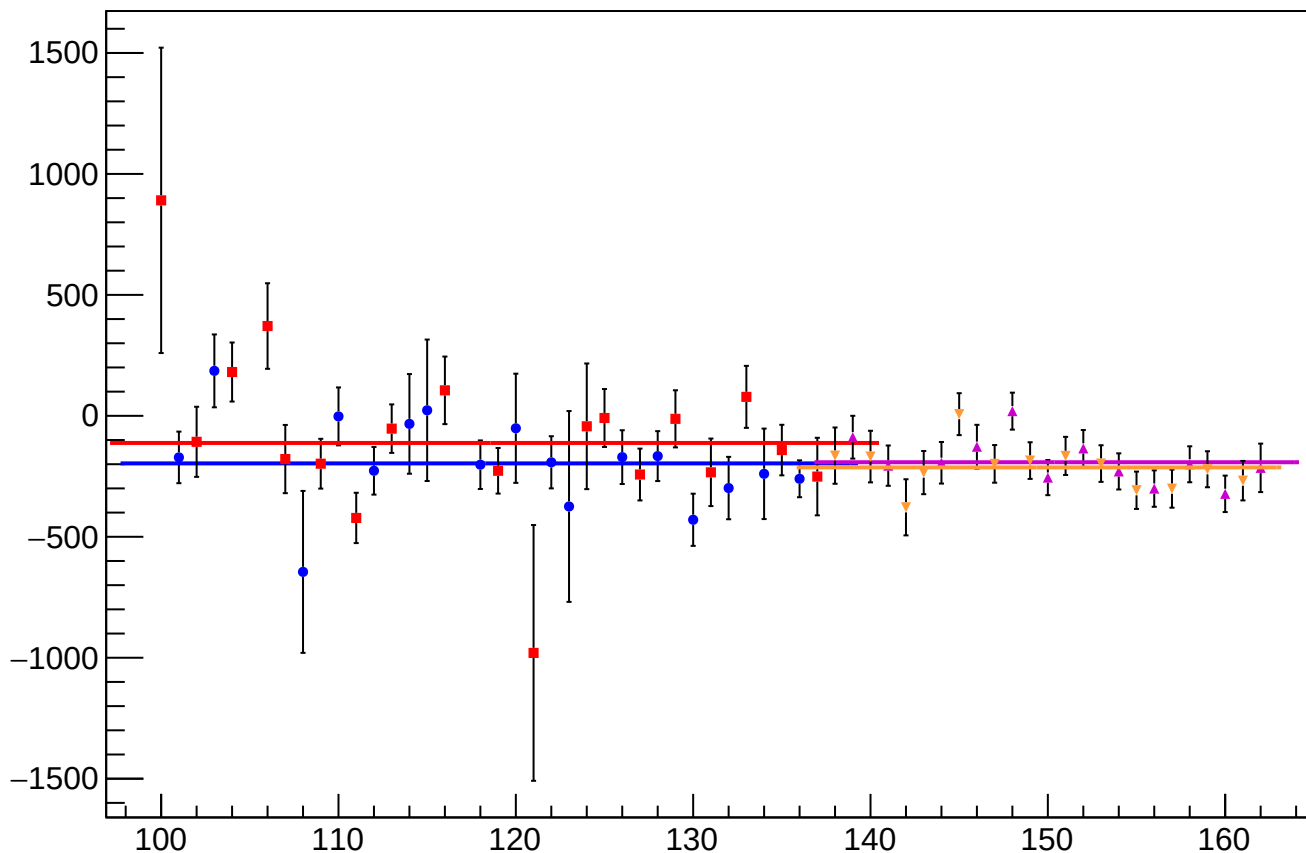
Right: 322.878 ± 0.068 $\chi^2/\text{NDF}: 4822487.1/35$

In: 347.232 ± 0.063 $\chi^2/\text{NDF}: 2518559.8/28$

Out: 330.365 ± 0.060 $\chi^2/\text{NDF}: 3503000.3/31$

All: 338.440 ± 0.044 $\chi^2/\text{NDF}: 6058994.2/60$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -213.185 ± 23.373 χ^2/NDF : 12.7/12

Right Out: -112.097 ± 29.622 χ^2/NDF : 39.3/18

Left In: -191.846 ± 23.095 χ^2/NDF : 16.3/11

Left: -202.388 ± 16.428 χ^2/NDF : 29.4/24

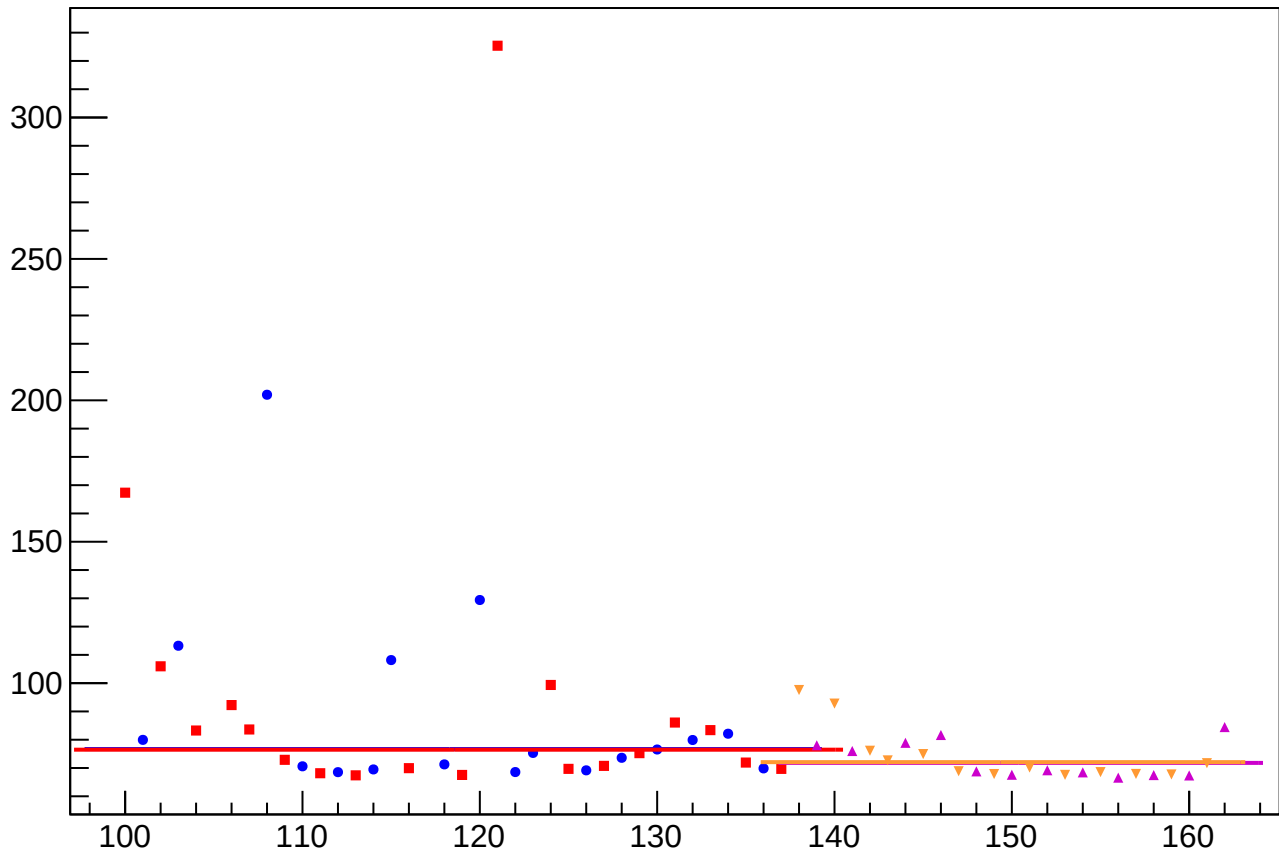
Right: -153.254 ± 21.215 χ^2/NDF : 62.3/35

In: -193.586 ± 18.390 χ^2/NDF : 35.3/28

Out: -174.397 ± 18.349 χ^2/NDF : 59.2/31

All: -183.970 ± 12.989 χ^2/NDF : 95.1/60

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2/NDF : 600348.1/16

Left Out: 72.072 $\pm$ 0.017 χ^2/NDF : 210660.6/12

Right Out: 76.479 $\pm$ 0.021 χ^2/NDF : 699361.8/18

Left In: 71.805 $\pm$ 0.016 χ^2/NDF : 123750.6/11

Left: 71.937 $\pm$ 0.012 χ^2/NDF : 334542.7/24

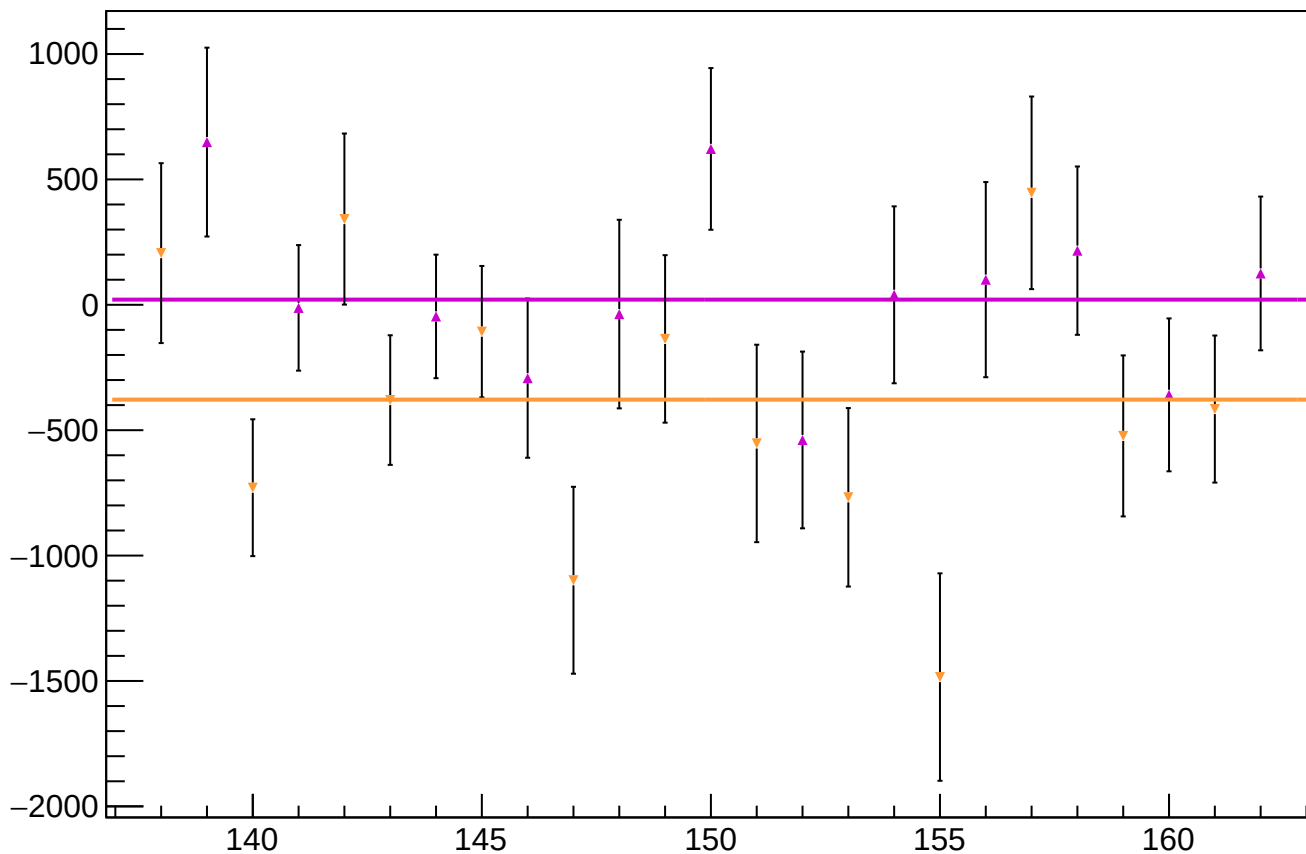
Right: 76.583 $\pm$ 0.015 χ^2/NDF : 1299760.4/35

In: 73.594 $\pm$ 0.013 χ^2/NDF : 756871.5/28

Out: 73.763 $\pm$ 0.013 χ^2/NDF : 937309.3/31

All: 73.678 $\pm$ 0.009 χ^2/NDF : 1694265.5/60

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -378.123+/-89.866 χ^2/NDF : 27.5/12

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

Left In: 20.650+/-91.636 χ^2/NDF : 11.9/11

Left: -182.624+/-64.162 χ^2/NDF : 49.1/24

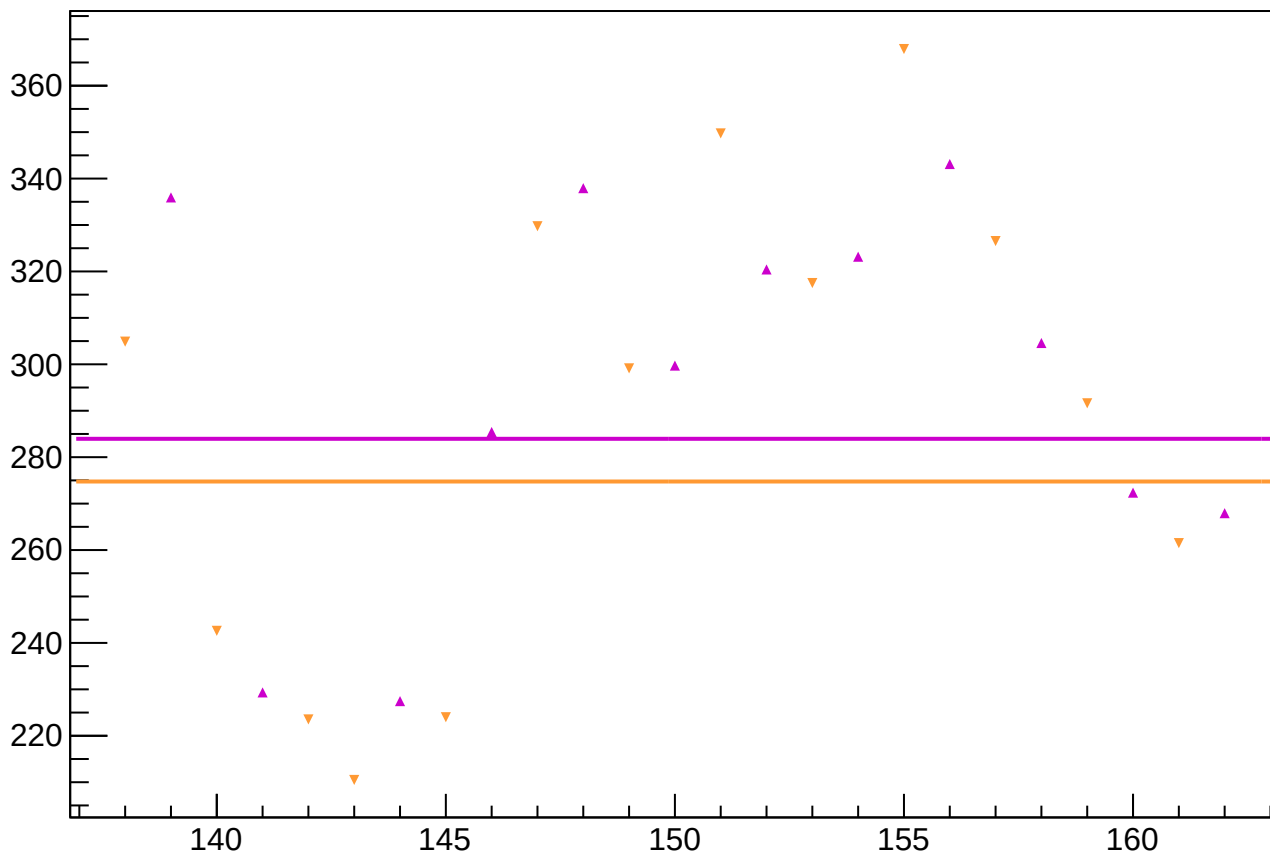
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.650+/-91.636 χ^2/NDF : 11.9/11

Out: -378.123+/-89.866 χ^2/NDF : 27.5/12

All: -182.624+/-64.162 χ^2/NDF : 49.1/24

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 274.762+/-0.064 χ^2/NDF :588768.5/12

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

Left In: 283.957+/-0.065 χ^2/NDF :392862.4/11

Left: 279.269+/-0.045 χ^2/NDF : 991895.9/24

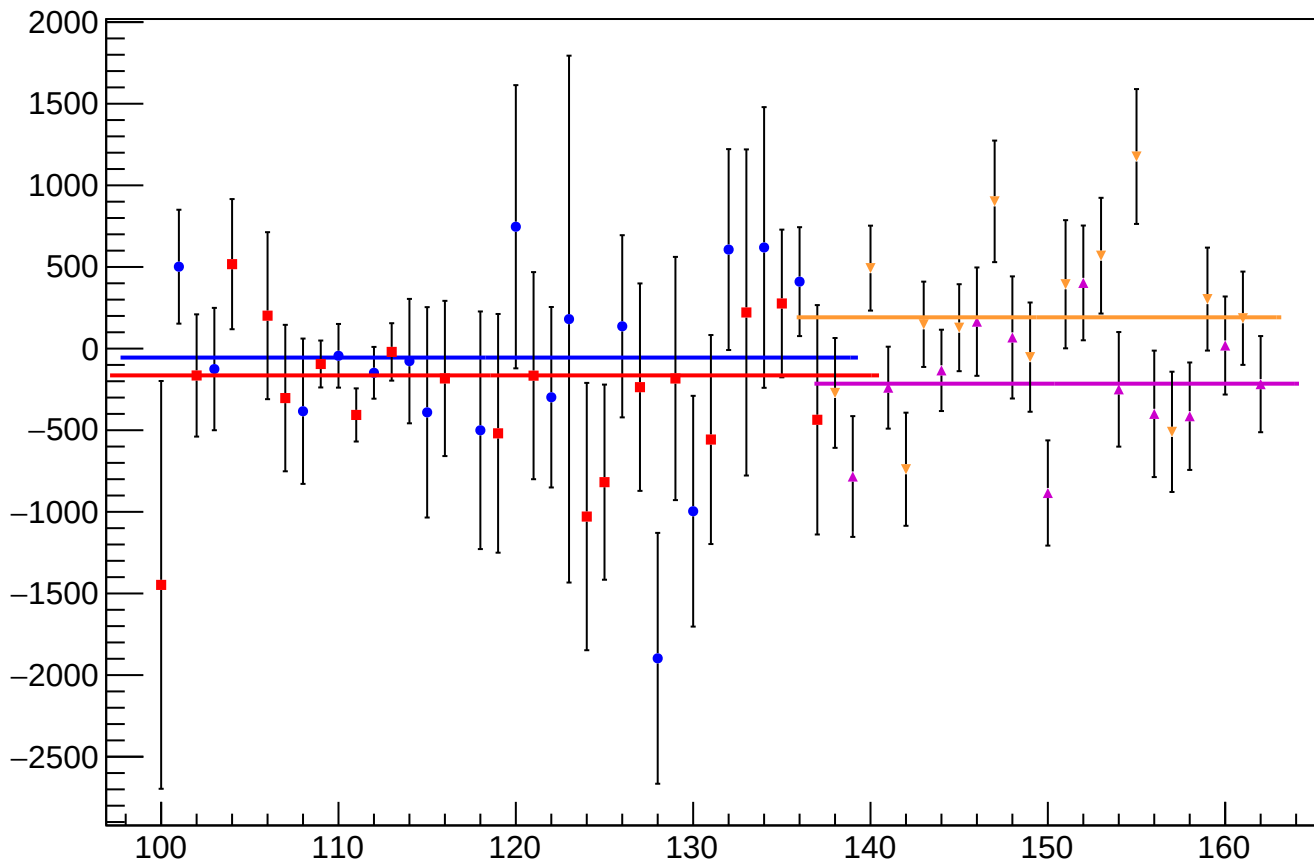
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 283.957+/-0.065 χ^2/NDF :392862.4/11

Out: 274.762+/-0.064 χ^2/NDF :588768.5/12

All: 279.269+/-0.045 χ^2/NDF : 991895.9/24

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 191.672 ± 88.802 χ^2/NDF : 25.5/12

Right Out: -164.141 ± 76.903 χ^2/NDF : 11.9/18

Left In: -214.893 ± 91.333 χ^2/NDF : 13.0/11

Left: -5.900 ± 63.668 χ^2/NDF : 48.7/24

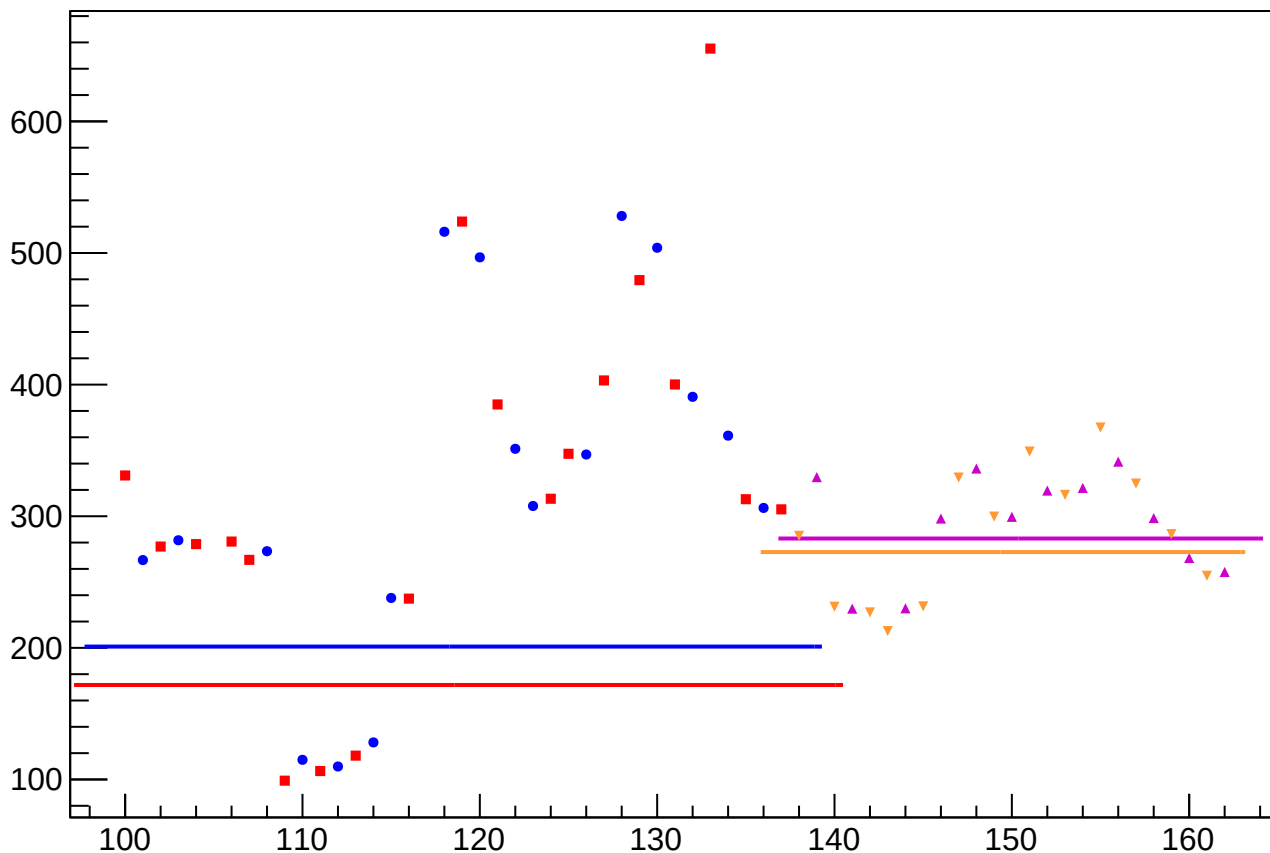
Right: -118.264 ± 58.563 χ^2/NDF : 29.3/35

In: -134.052 ± 64.234 χ^2/NDF : 31.1/28

Out: -11.654 ± 58.134 χ^2/NDF : 46.6/31

All: -66.767 ± 43.102 χ^2/NDF : 79.7/60

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 272.760+/-0.063 χ^2/NDF :563635.4/12

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

Left In: 283.075+/-0.065 χ^2/NDF :377552.6/11

Left: 277.773+/-0.045 χ^2/NDF : 954301.1/24

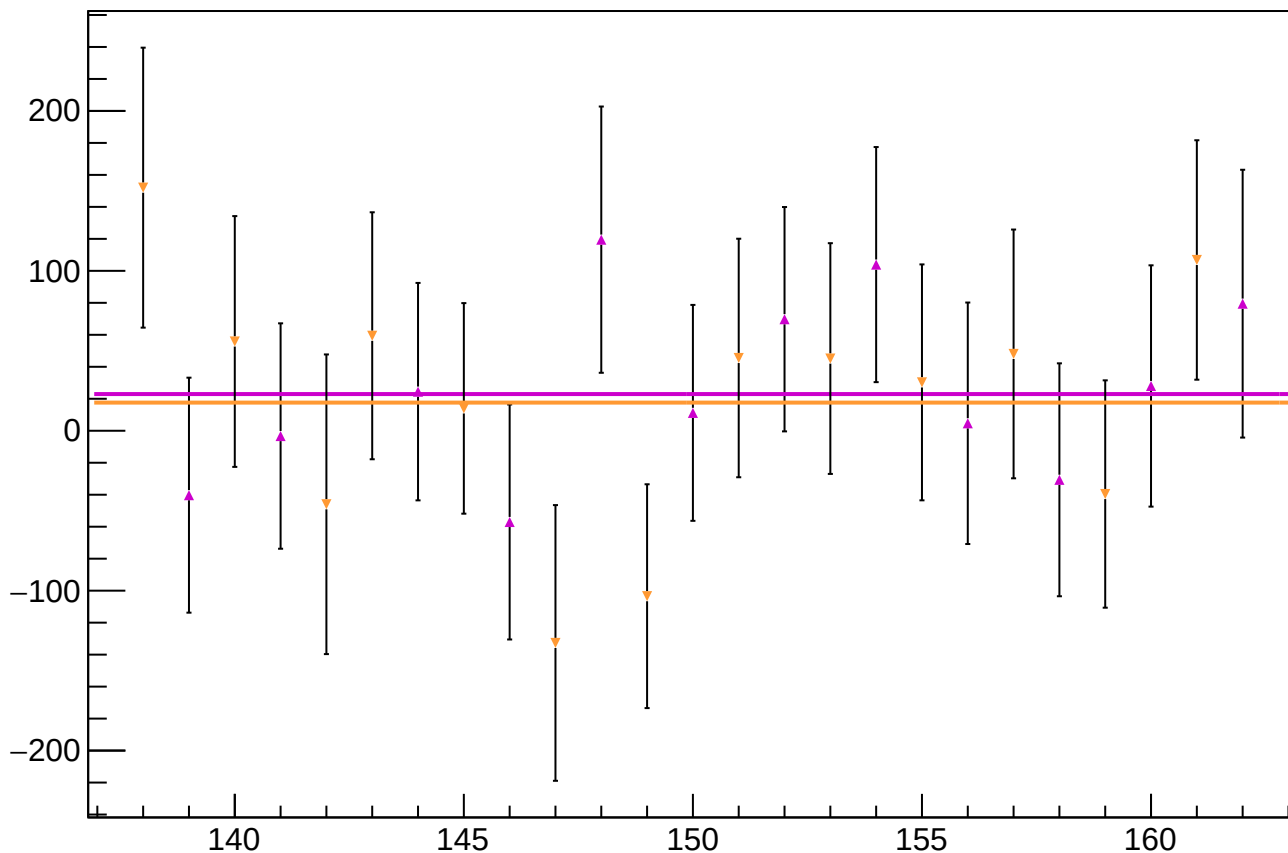
Right: 184.051+/-0.041 χ^2/NDF : 7649725.9/35

In: 241.581+/-0.045 χ^2/NDF :4630528.8/28

Out: 215.064+/-0.041 χ^2/NDF :6133699.3/31

All: 227.004+/-0.030 χ^2/NDF : 10951600.7/60

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 17.610+/-21.122 χ^2/NDF :11.9/12

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

Left In: 22.947+/-21.213 χ^2/NDF :6.2/11

Left: 20.267+/-14.968 χ^2/NDF : 18.1/24

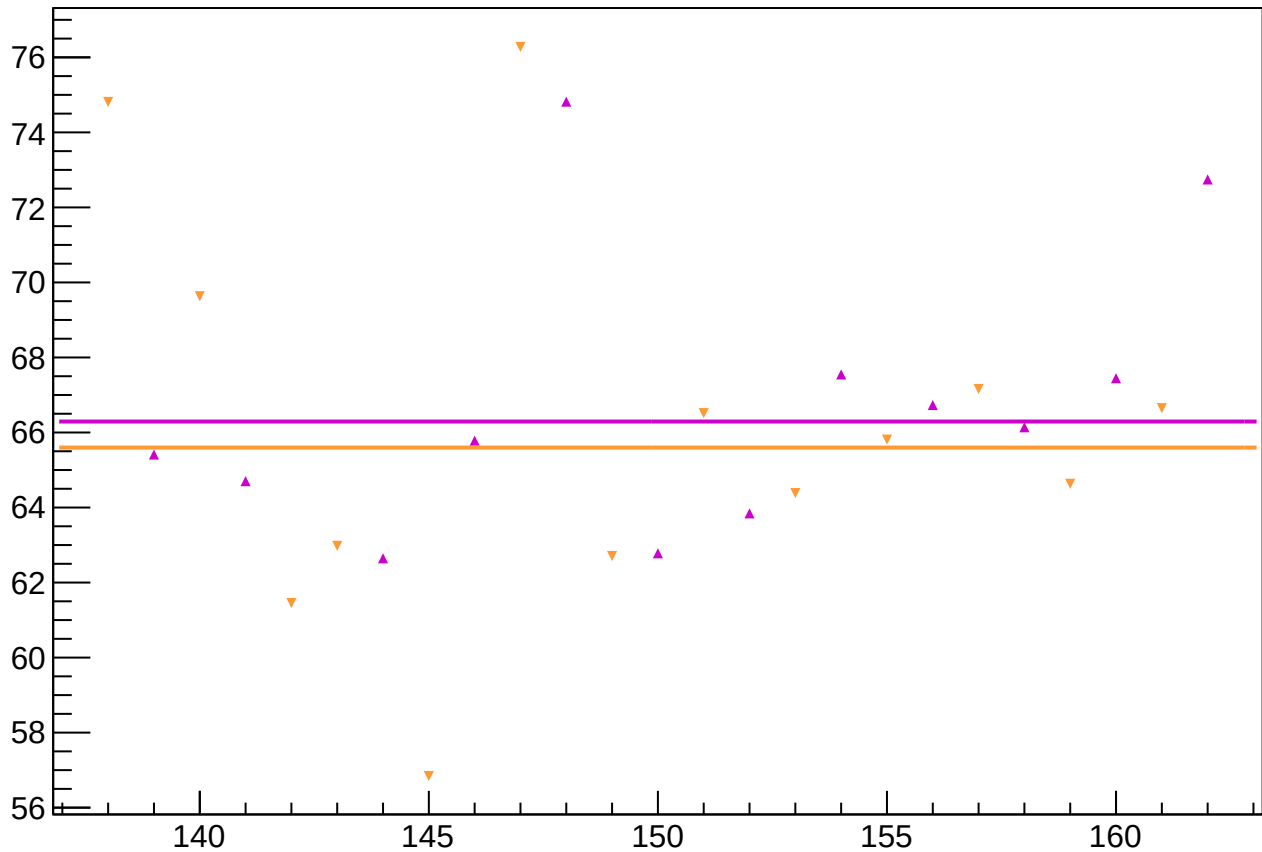
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.947+/-21.213 χ^2/NDF :6.2/11

Out: 17.610+/-21.122 χ^2/NDF :11.9/12

All: 20.267+/-14.968 χ^2/NDF : 18.1/24

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 65.598+/-0.015 χ^2/NDF :105586.5/12

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

Left In: 66.292+/-0.015 χ^2/NDF :48990.1/11

Left: 65.944+/-0.011 χ^2/NDF : 155652.9/24

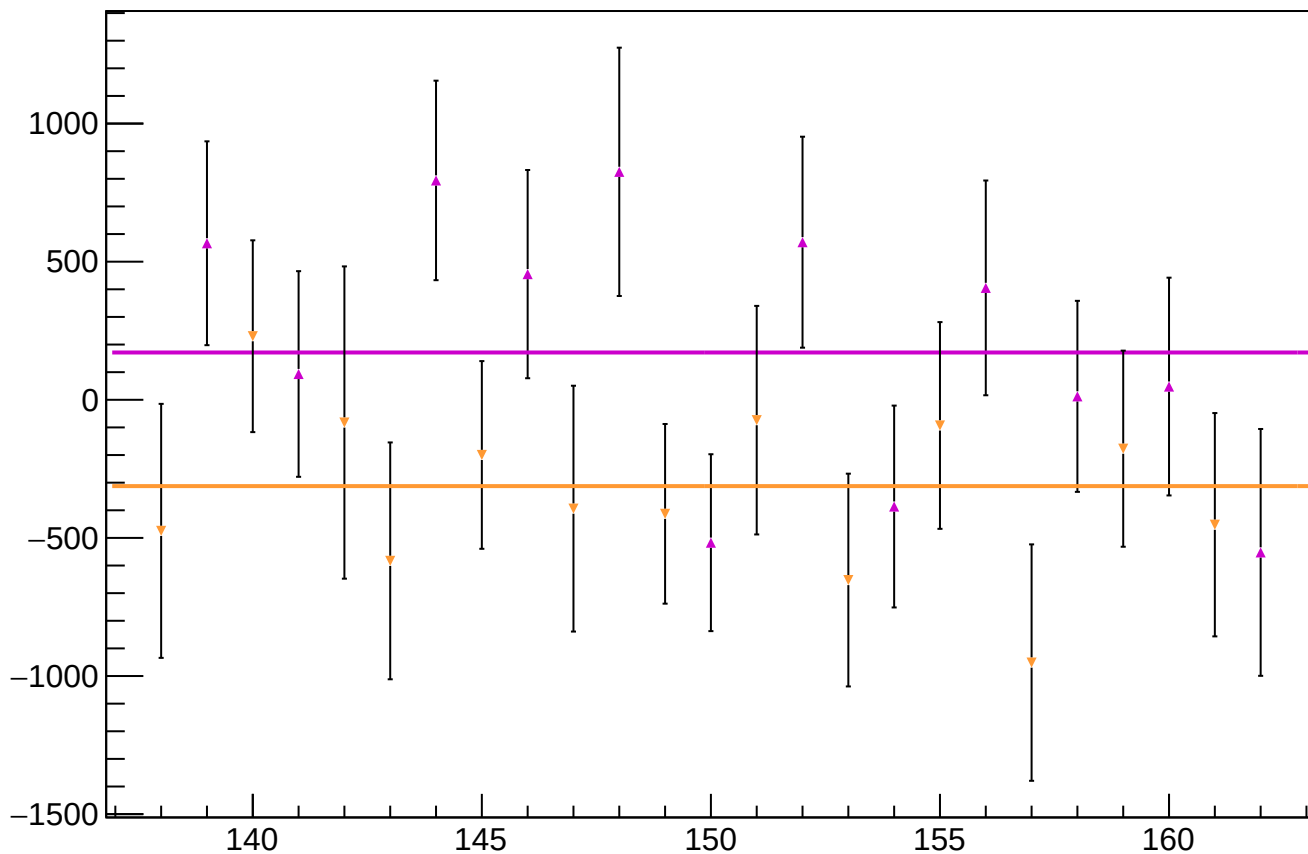
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.292+/-0.015 χ^2/NDF :48990.1/11

Out: 65.598+/-0.015 χ^2/NDF :105586.5/12

All: 65.944+/-0.011 χ^2/NDF : 155652.9/24

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -312.478+/-109.105 χ^2/NDF : 7.3/12

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

Left In: 171.243+/-108.629 χ^2/NDF : 18.2/11

Left: -69.560+/-76.980 χ^2/NDF : 35.4/24

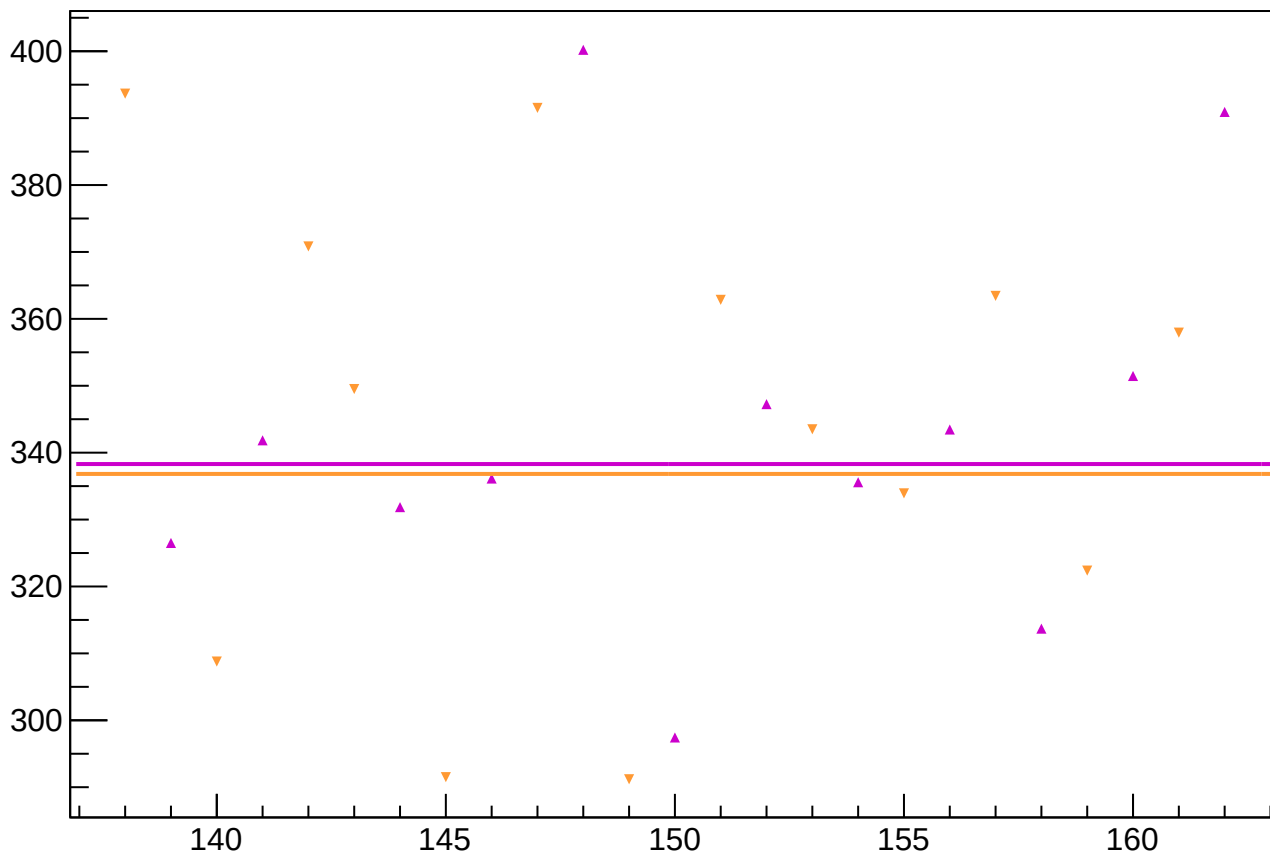
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.243+/-108.629 χ^2/NDF : 18.2/11

Out: -312.478+/-109.105 χ^2/NDF : 7.3/12

All: -69.560+/-76.980 χ^2/NDF : 35.4/24

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 336.823+/-0.077 χ^2/NDF :182938.0/12

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

Left In: 338.300+/-0.077 χ^2/NDF :115118.1/11

Left: 337.565+/-0.054 χ^2/NDF : 298240.2/24

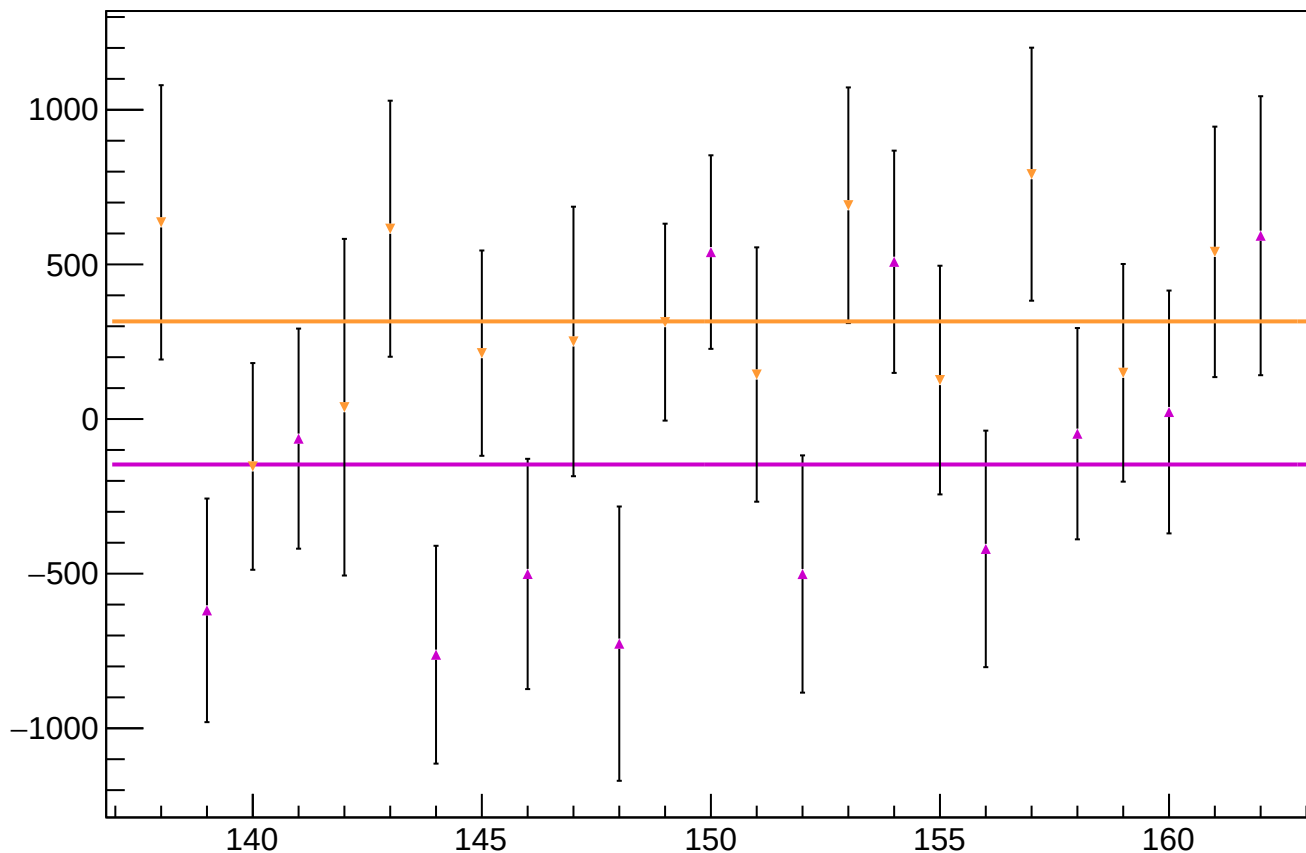
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 338.300+/-0.077 χ^2/NDF :115118.1/11

Out: 336.823+/-0.077 χ^2/NDF :182938.0/12

All: 337.565+/-0.054 χ^2/NDF : 298240.2/24

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 315.737+/-106.775 χ^2/NDF :6.7/12

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

Left In: -146.986+/-106.929 χ^2/NDF :19.9/11

Left: 84.708+/-75.556 χ^2/NDF : 35.9/24

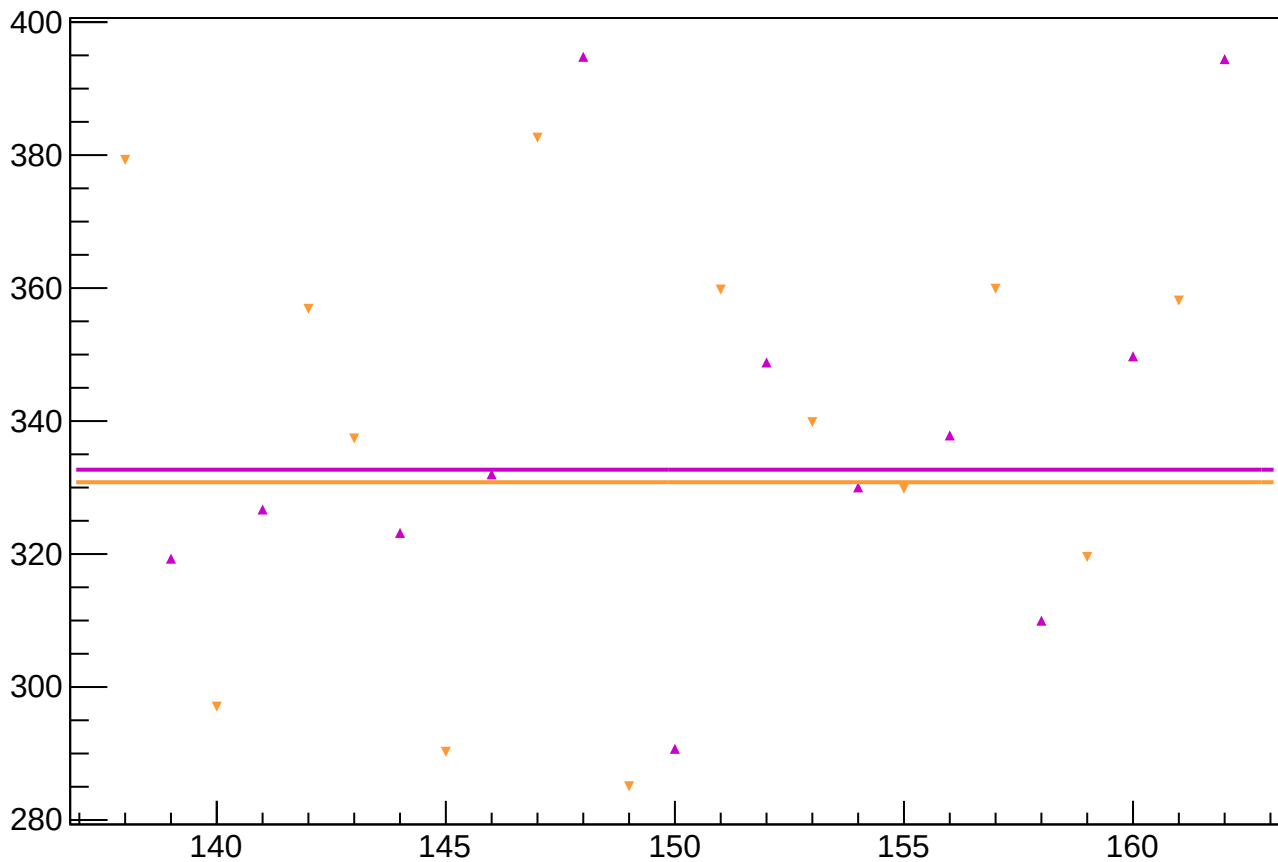
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -146.986+/-106.929 χ^2/NDF :19.9/11

Out: 315.737+/-106.775 χ^2/NDF :6.7/12

All: 84.708+/-75.556 χ^2/NDF : 35.9/24

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 330.804+/-0.076 χ^2/NDF :181093.3/12

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

Left In: 332.688+/-0.076 χ^2/NDF :134062.0/11

Left: 331.745+/-0.053 χ^2/NDF : 315466.2/24

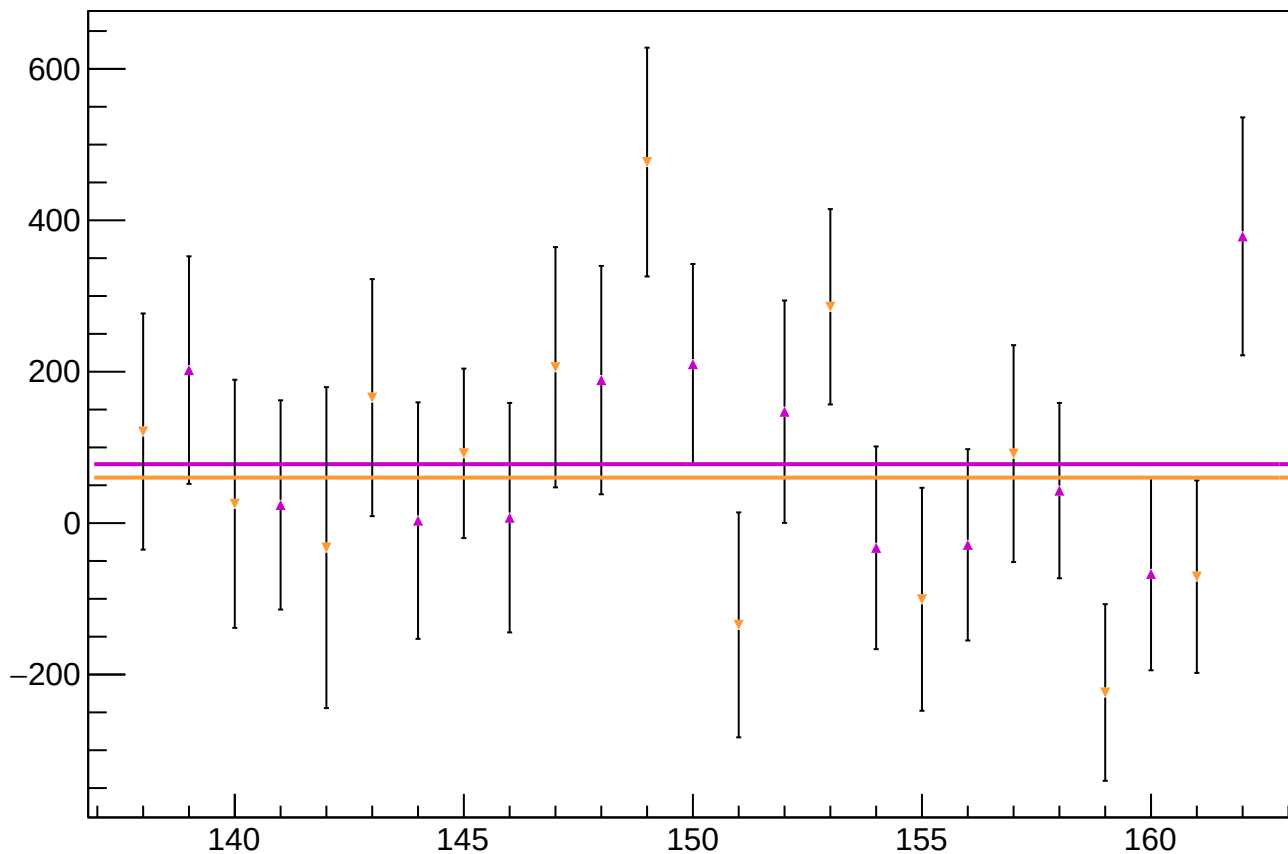
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 332.688+/-0.076 χ^2/NDF :134062.0/11

Out: 330.804+/-0.076 χ^2/NDF :181093.3/12

All: 331.745+/-0.053 χ^2/NDF : 315466.2/24

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 60.113 $\pm$ 39.518 χ^2 /NDF:22.4/12

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

Left In: 77.867 $\pm$ 40.042 χ^2 /NDF:9.5/11

Left: 68.873 $\pm$ 28.127 χ^2 /NDF: 32.0/24

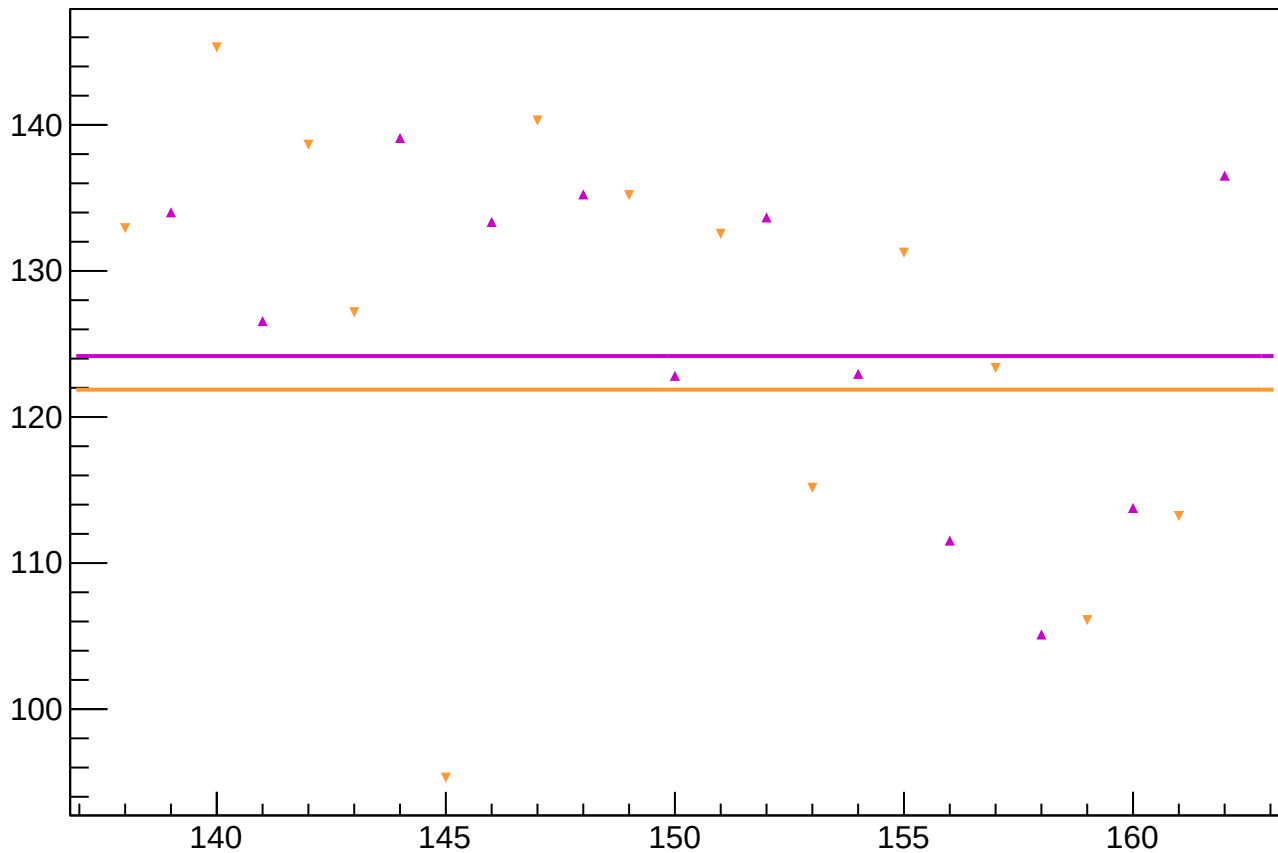
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 77.867 $\pm$ 40.042 χ^2 /NDF:9.5/11

Out: 60.113 $\pm$ 39.518 χ^2 /NDF:22.4/12

All: 68.873 $\pm$ 28.127 χ^2 /NDF: 32.0/24

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 121.872+/-0.028 χ^2/NDF :290884.8/12

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

Left In: 124.174+/-0.028 χ^2/NDF :154200.3/11

Left: 123.008+/-0.020 χ^2/NDF : 448431.5/24

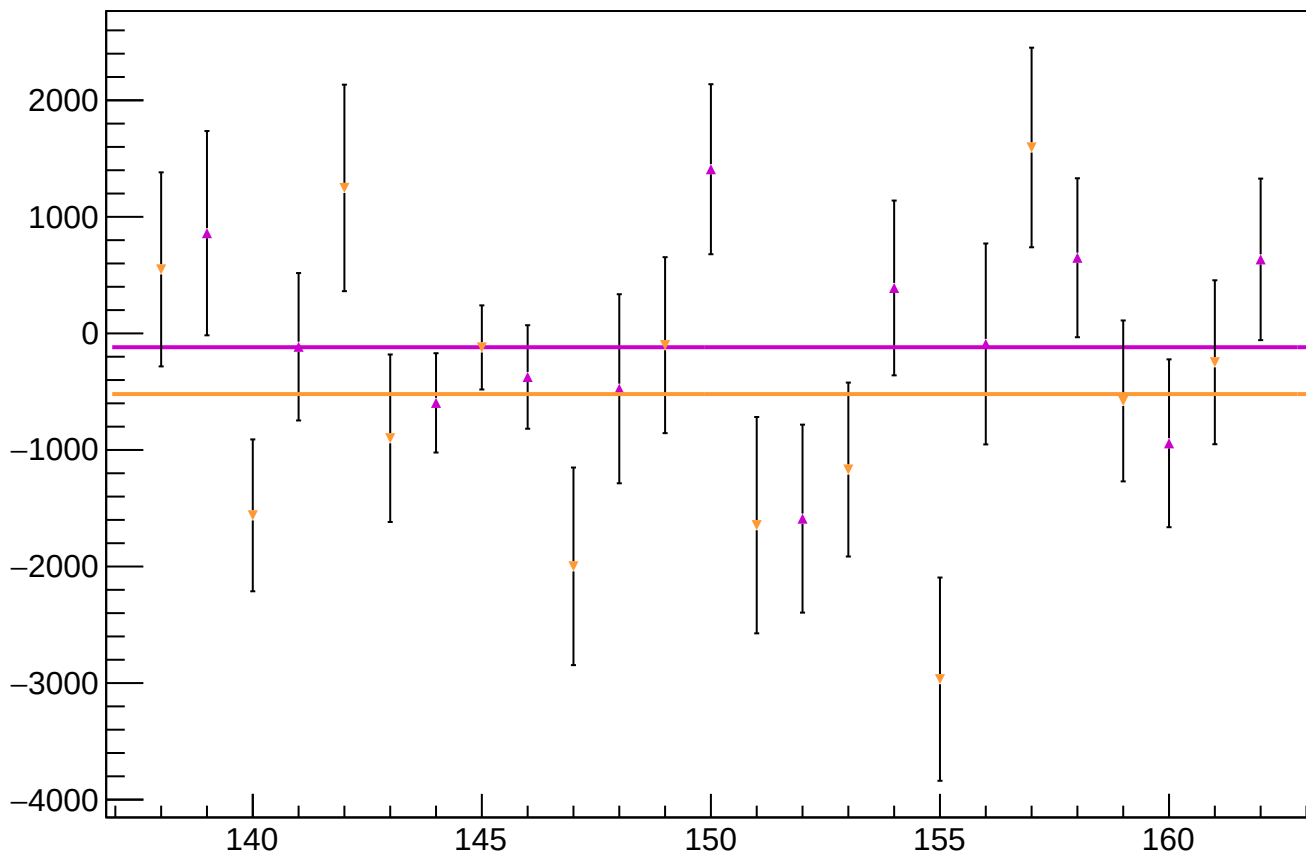
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 124.174+/-0.028 χ^2/NDF :154200.3/11

Out: 121.872+/-0.028 χ^2/NDF :290884.8/12

All: 123.008+/-0.020 χ^2/NDF : 448431.5/24

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -520.682 $\pm$ 190.359 χ^2 /NDF:29.4/12

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

Left In: -118.536 $\pm$ 186.969 χ^2 /NDF:15.0/11

Left: -315.997 $\pm$ 133.389 χ^2 /NDF: 46.6/24

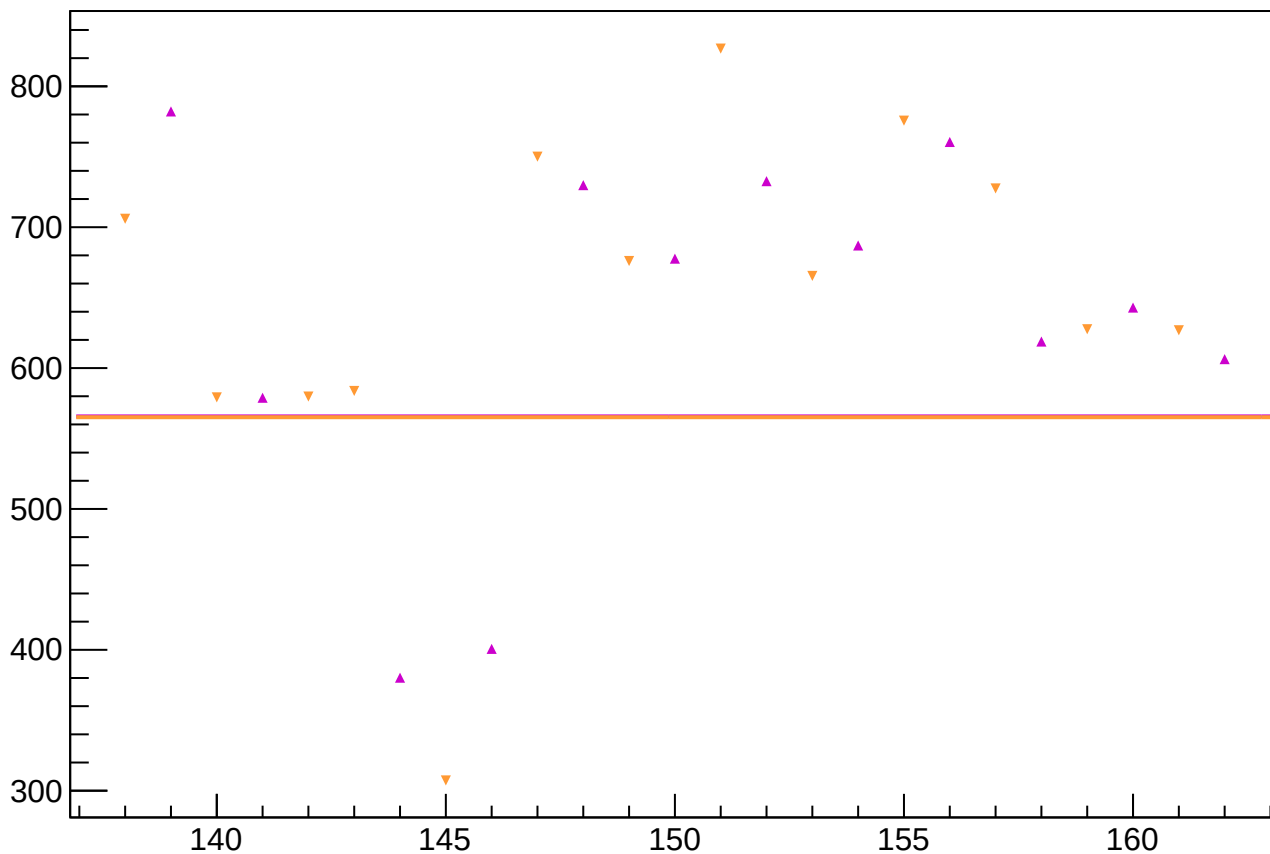
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -118.536 $\pm$ 186.969 χ^2 /NDF:15.0/11

Out: -520.682 $\pm$ 190.359 χ^2 /NDF:29.4/12

All: -315.997 $\pm$ 133.389 χ^2 /NDF: 46.6/24

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 565.120+/-0.135 χ^2/NDF :1635566.8/12

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

Left In: 565.689+/-0.132 χ^2/NDF :1189478.2/11

Left: 565.410+/-0.094 χ^2/NDF : 2825054.1/24

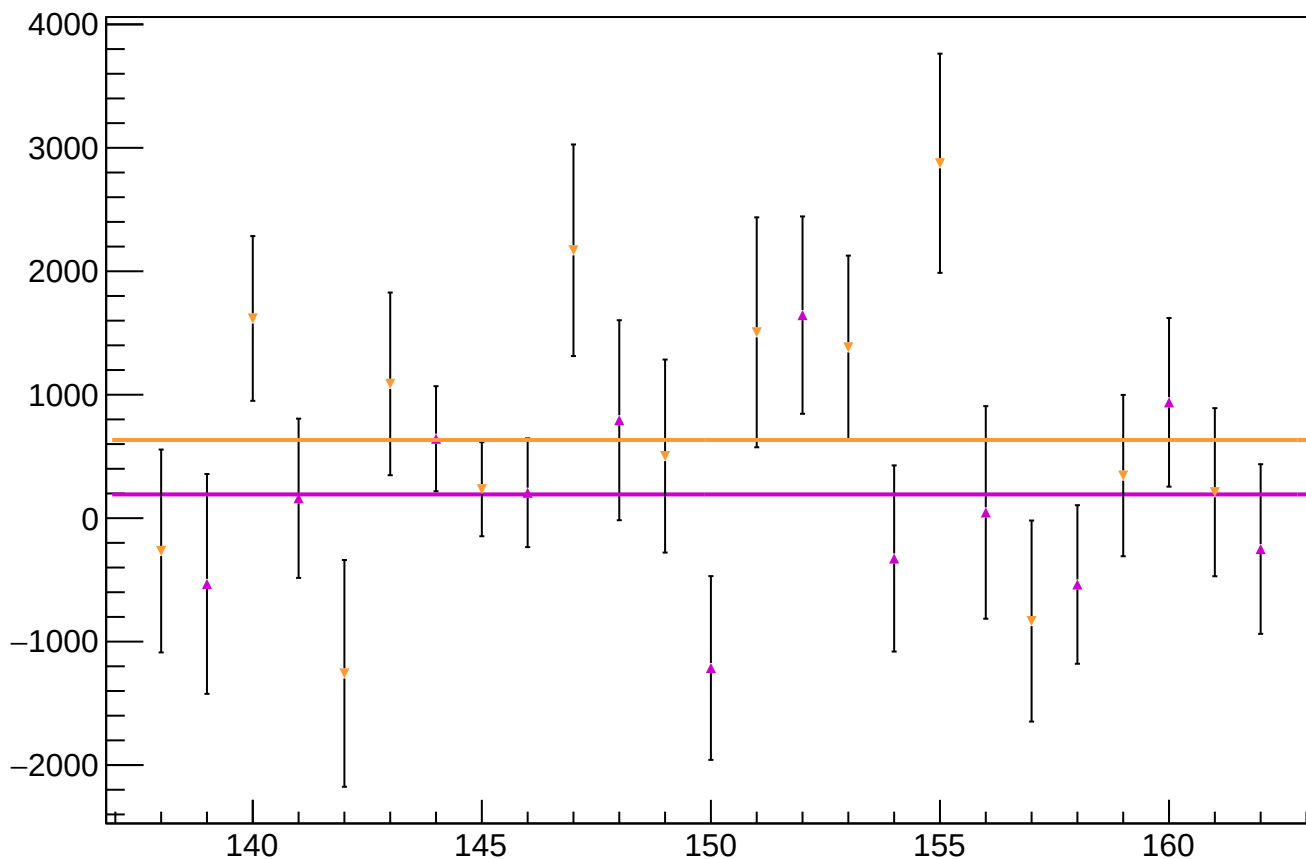
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 565.689+/-0.132 χ^2/NDF :1189478.2/11

Out: 565.120+/-0.135 χ^2/NDF :1635566.8/12

All: 565.410+/-0.094 χ^2/NDF : 2825054.1/24

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 633.494+/-192.919 χ^2/NDF : 24.4/12

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

Left In: 192.495+/-185.642 χ^2/NDF : 12.6/11

Left: 404.521+/-133.767 χ^2/NDF : 39.7/24

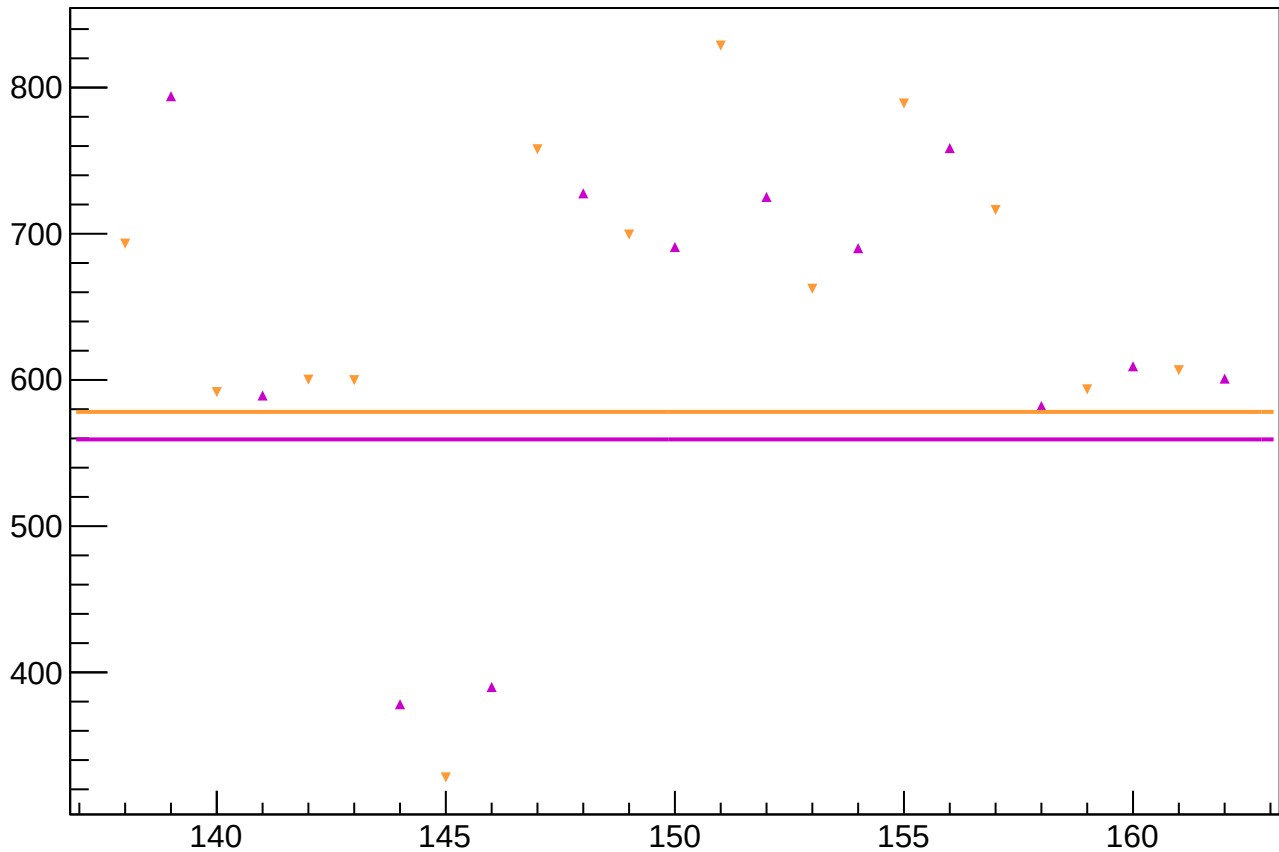
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 192.495+/-185.642 χ^2/NDF : 12.6/11

Out: 633.494+/-192.919 χ^2/NDF : 24.4/12

All: 404.521+/-133.767 χ^2/NDF : 39.7/24

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 578.164+/-0.136 χ^2/NDF :1386393.3/12

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

Left In: 559.338+/-0.131 χ^2/NDF :1223480.4/11

Left: 568.389+/-0.095 χ^2/NDF : 2619763.1/24

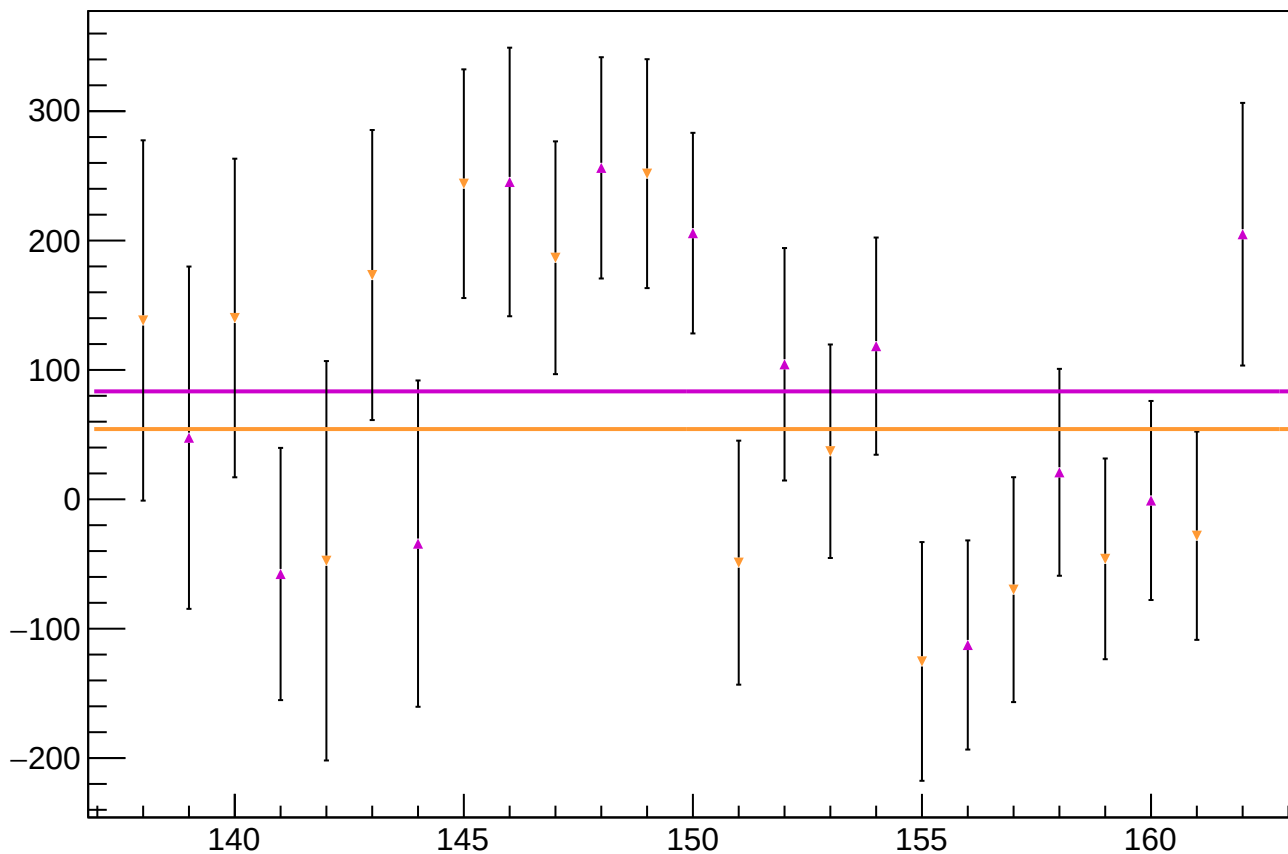
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 559.338+/-0.131 χ^2/NDF :1223480.4/11

Out: 578.164+/-0.136 χ^2/NDF :1386393.3/12

All: 568.389+/-0.095 χ^2/NDF : 2619763.1/24

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 54.297 $\pm$ 26.278 χ^2 /NDF:24.0/12

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

Left In: 83.426 $\pm$ 26.149 χ^2 /NDF:21.4/11

Left: 68.933 $\pm$ 18.535 χ^2 /NDF: 46.0/24

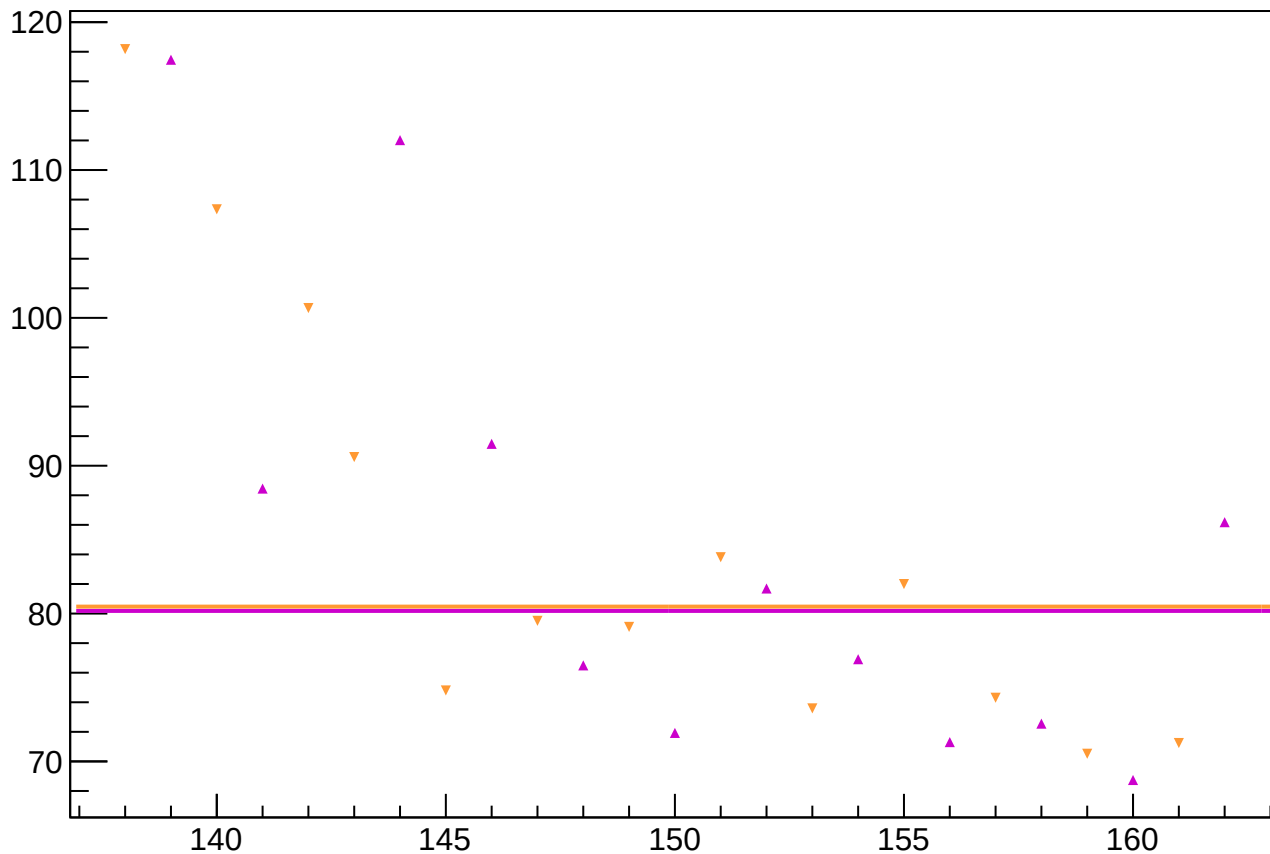
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 83.426 $\pm$ 26.149 χ^2 /NDF:21.4/11

Out: 54.297 $\pm$ 26.278 χ^2 /NDF:24.0/12

All: 68.933 $\pm$ 18.535 χ^2 /NDF: 46.0/24

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.470+/-0.019 χ^2/NDF :387600.3/12

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

Left In: 80.179+/-0.018 χ^2/NDF :447900.3/11

Left: 80.324+/-0.013 χ^2/NDF : 835623.7/24

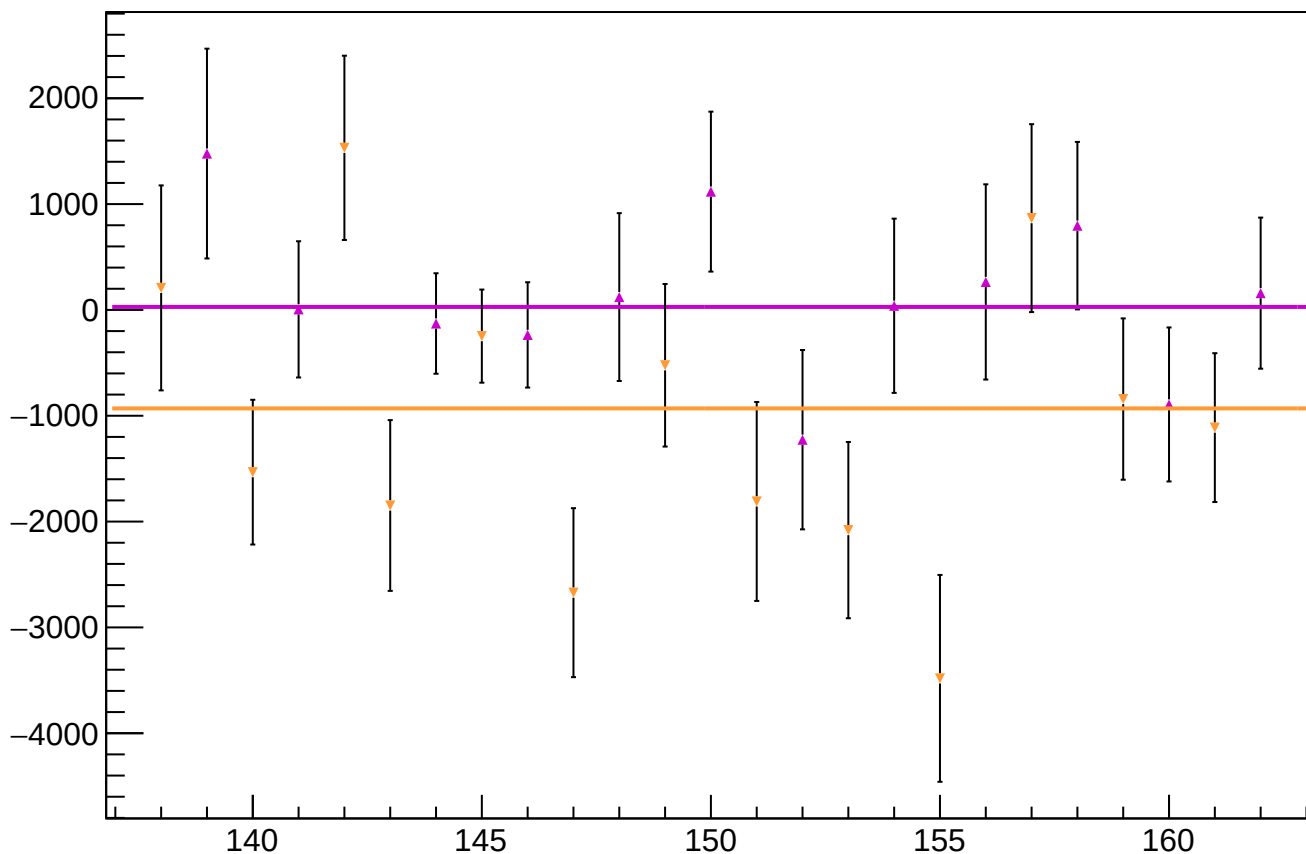
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 80.179+/-0.018 χ^2/NDF :447900.3/11

Out: 80.470+/-0.019 χ^2/NDF :387600.3/12

All: 80.324+/-0.013 χ^2/NDF : 835623.7/24

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -930.760 ± 207.959 χ^2/NDF : 32.7/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 28.293 ± 201.046 χ^2/NDF : 9.5/11

Left: -435.027 ± 144.543 χ^2/NDF : 53.1/24

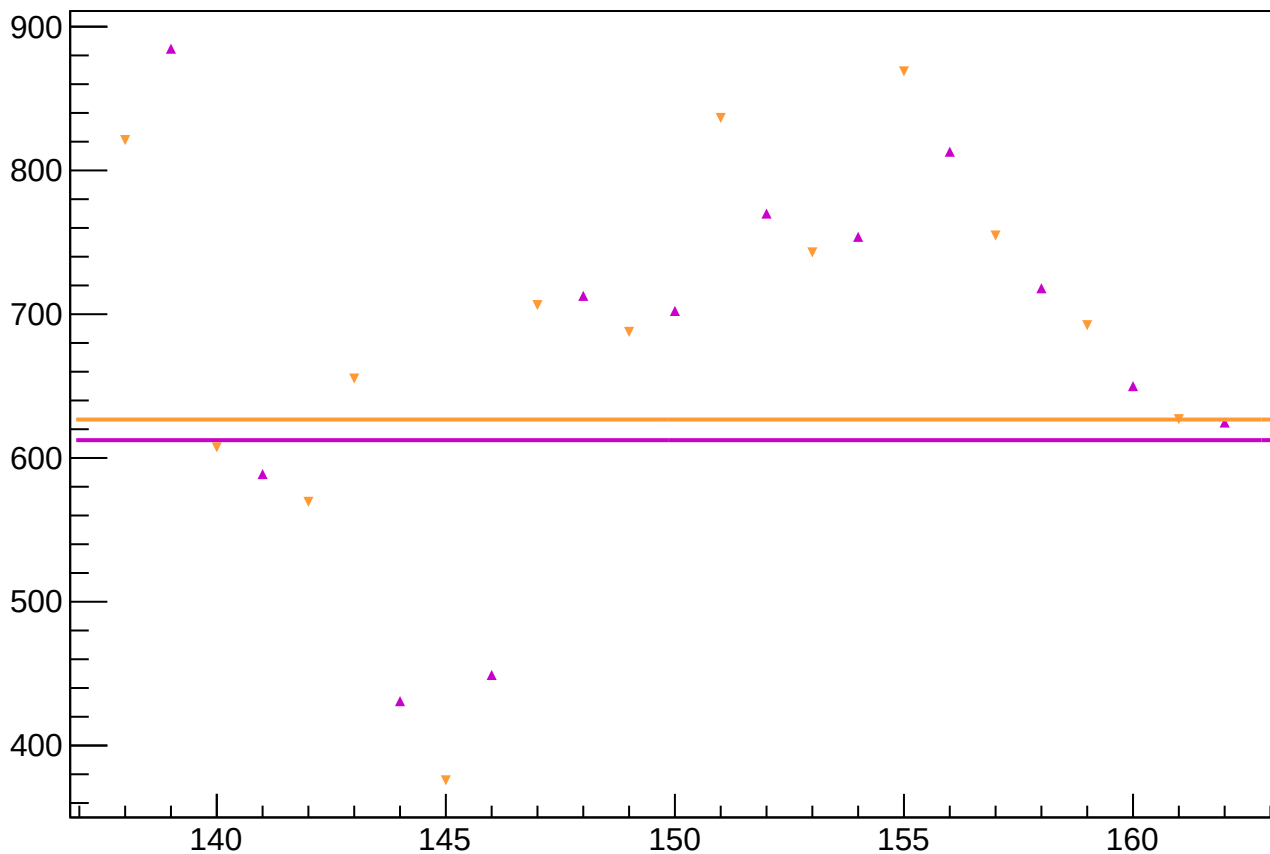
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 28.293 ± 201.046 χ^2/NDF : 9.5/11

Out: -930.760 ± 207.959 χ^2/NDF : 32.7/12

All: -435.027 ± 144.543 χ^2/NDF : 53.1/24

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 626.733+/-0.147 χ^2/NDF :1094333.3/12

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

Left In: 612.396+/-0.142 χ^2/NDF :986243.1/11

Left: 619.322+/-0.102 χ^2/NDF : 2085489.8/24

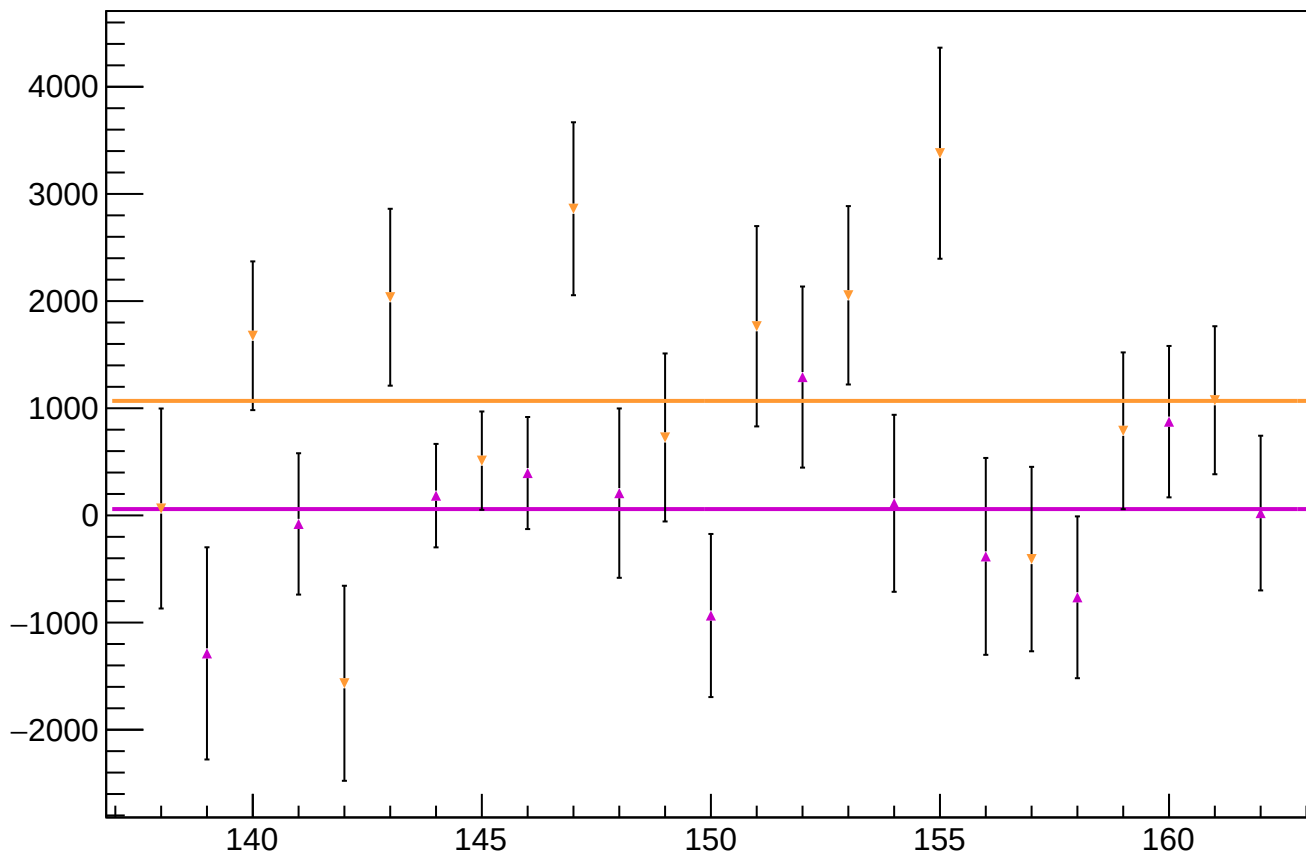
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 612.396+/-0.142 χ^2/NDF :986243.1/11

Out: 626.733+/-0.147 χ^2/NDF :1094333.3/12

All: 619.322+/-0.102 χ^2/NDF : 2085489.8/24

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 1068.534+/-209.672 χ^2/NDF :28.8/12

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

Left In: 59.072+/-202.759 χ^2/NDF :9.0/11

Left: 546.887+/-145.755 χ^2/NDF : 49.8/24

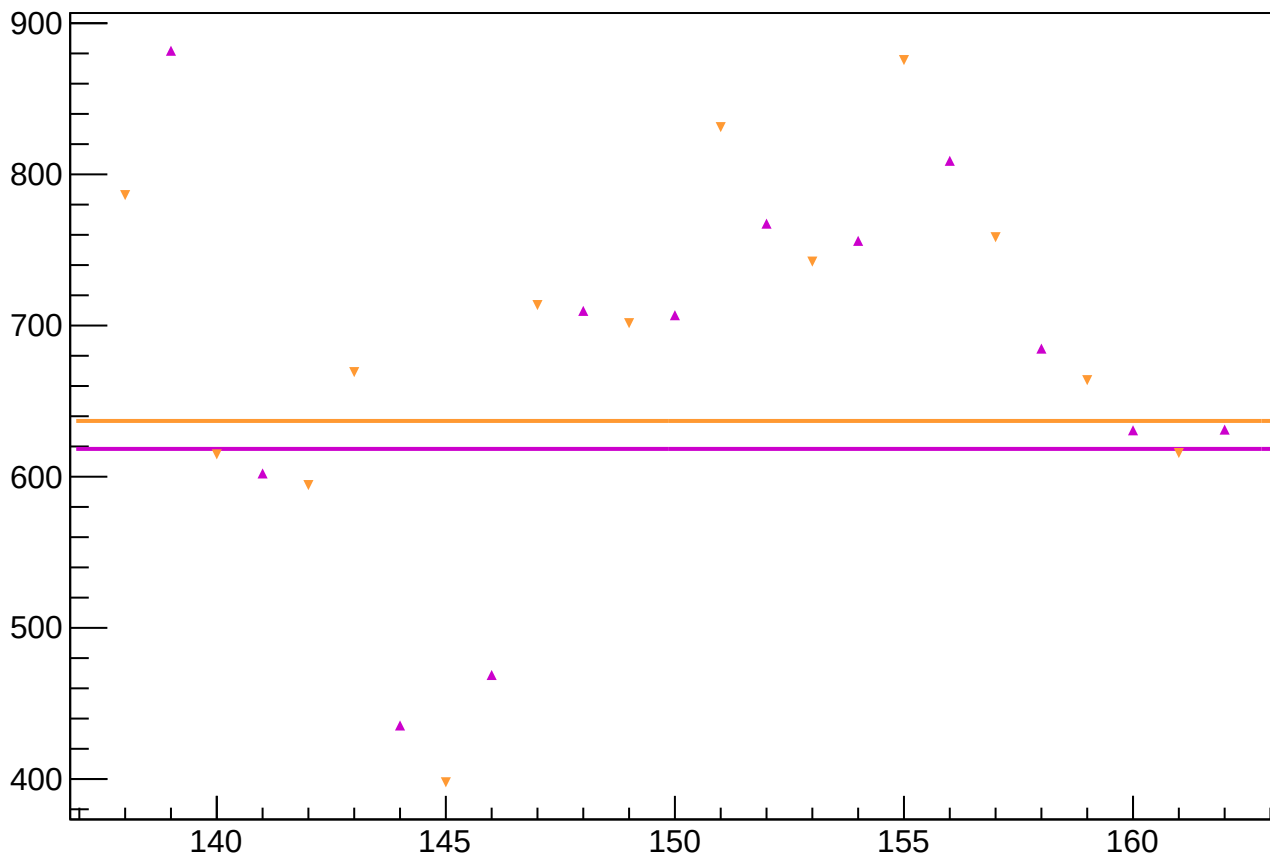
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.072+/-202.759 χ^2/NDF :9.0/11

Out: 1068.534+/-209.672 χ^2/NDF :28.8/12

All: 546.887+/-145.755 χ^2/NDF : 49.8/24

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 636.888+/-0.148 χ^2/NDF :915679.4/12

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

Left In: 618.390+/-0.143 χ^2/NDF :867930.7/11

Left: 627.329+/-0.103 χ^2/NDF : 1791654.9/24

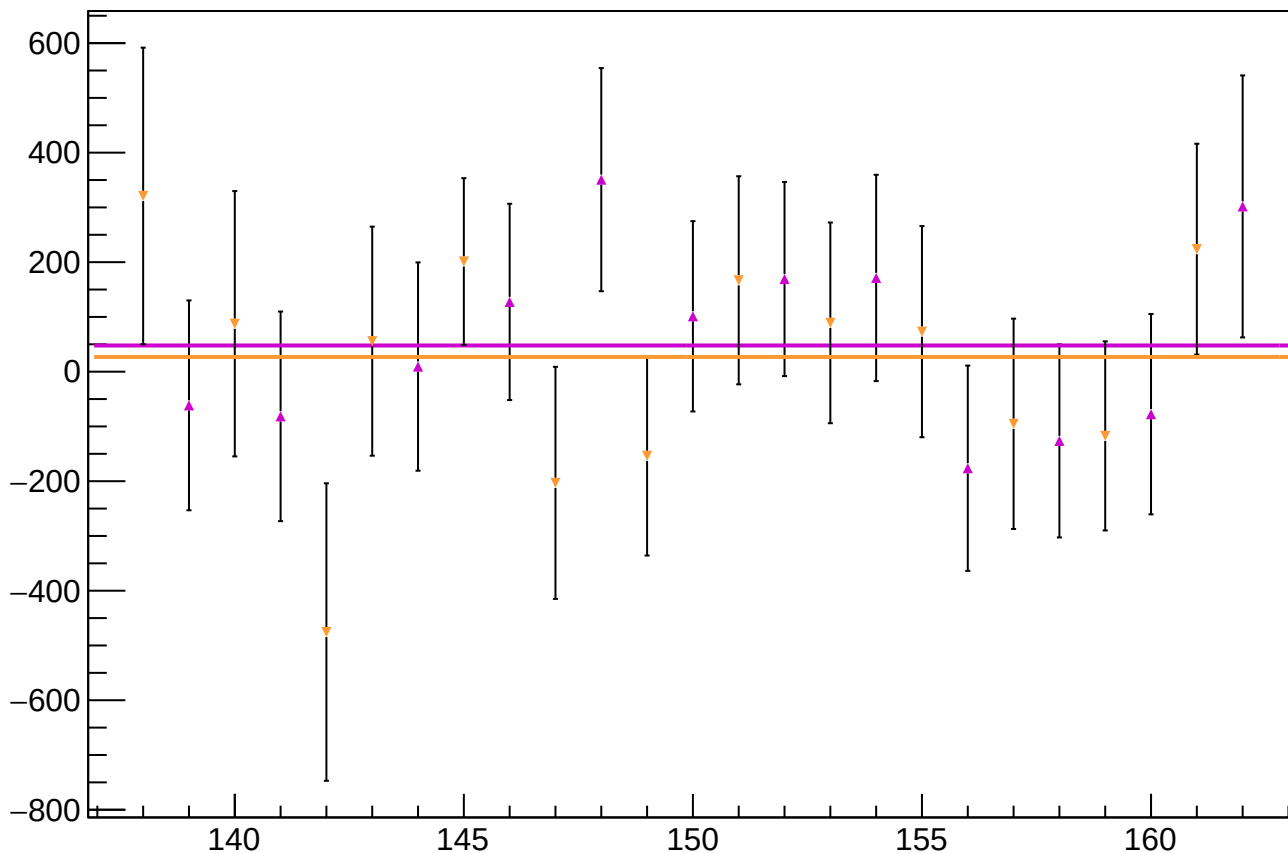
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 618.390+/-0.143 χ^2/NDF :867930.7/11

Out: 636.888+/-0.148 χ^2/NDF :915679.4/12

All: 627.329+/-0.103 χ^2/NDF : 1791654.9/24

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 26.900+/-54.663 χ^2/NDF :11.0/12

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

Left In: 47.854+/-54.353 χ^2/NDF :8.2/11

Left: 37.436+/-38.543 χ^2/NDF : 19.3/24

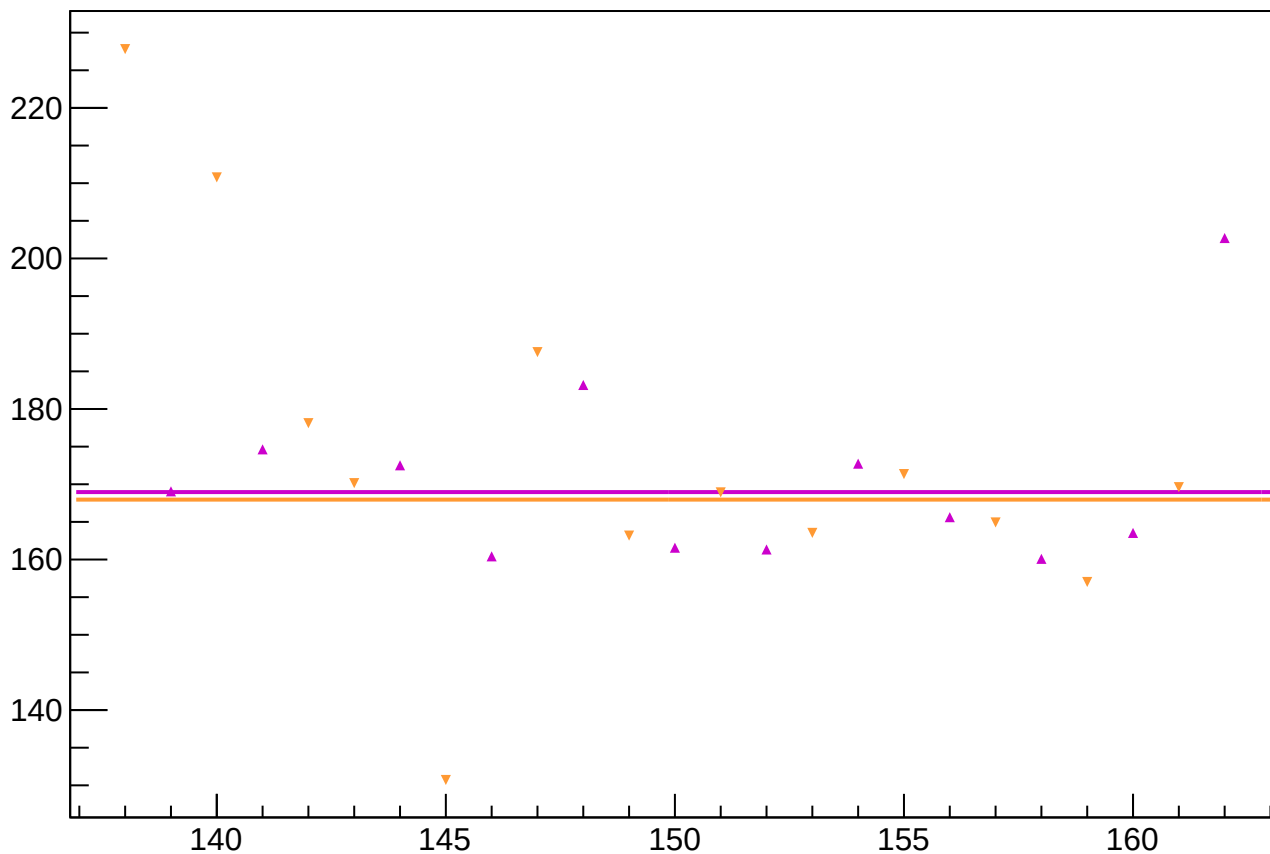
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.854+/-54.353 χ^2/NDF :8.2/11

Out: 26.900+/-54.663 χ^2/NDF :11.0/12

All: 37.436+/-38.543 χ^2/NDF : 19.3/24

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 167.960+/-0.039 χ^2/NDF :312001.0/12

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

Left In: 168.960+/-0.038 χ^2/NDF :72138.8/11

Left: 168.463+/-0.027 χ^2/NDF : 384476.5/24

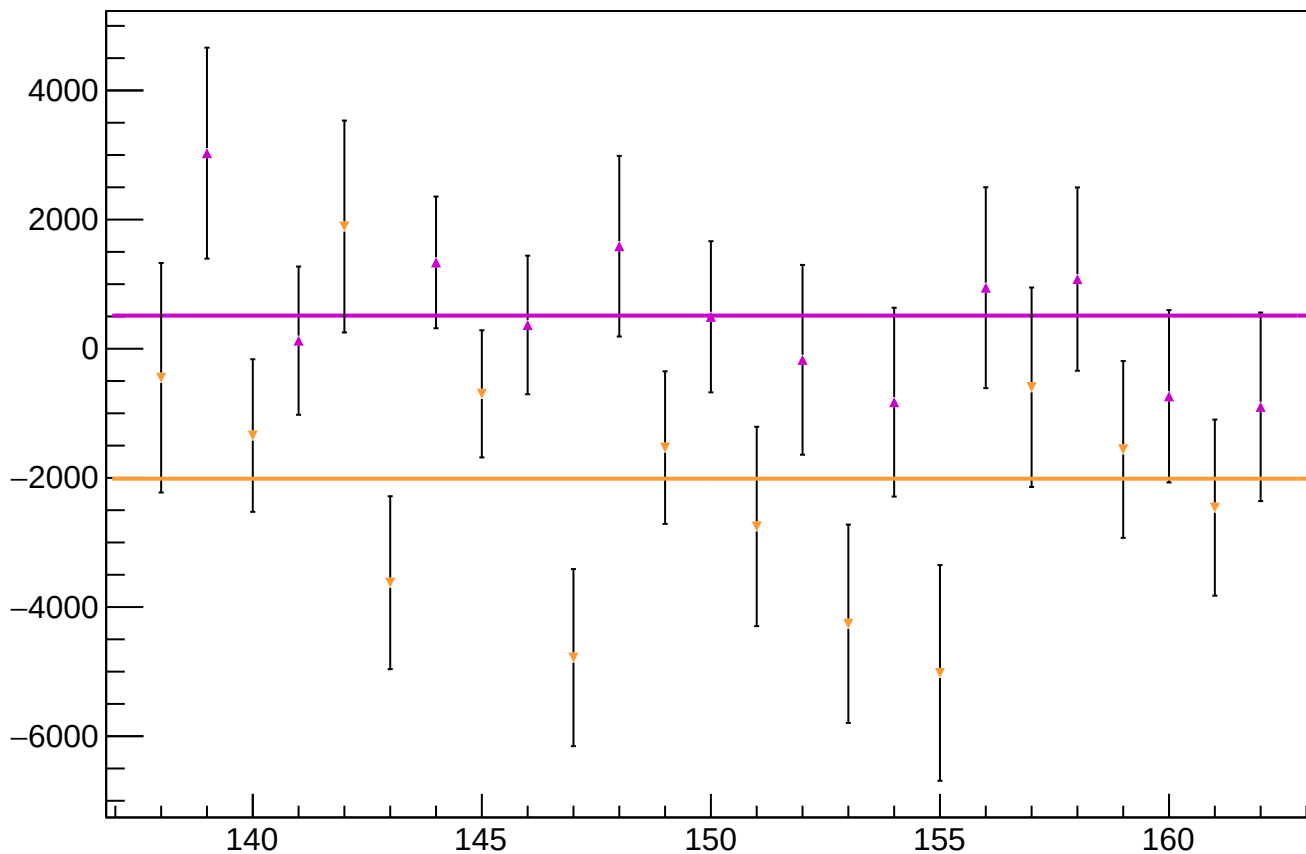
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.960+/-0.038 χ^2/NDF :72138.8/11

Out: 167.960+/-0.039 χ^2/NDF :312001.0/12

All: 168.463+/-0.027 χ^2/NDF : 384476.5/24

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -2011.684 $\pm$ 379.761 χ^2 /NDF:20.9/12

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

Left In: 513.543 $\pm$ 375.941 χ^2 /NDF:6.9/11

Left: -736.306 $\pm$ 267.171 χ^2 /NDF: 50.1/24

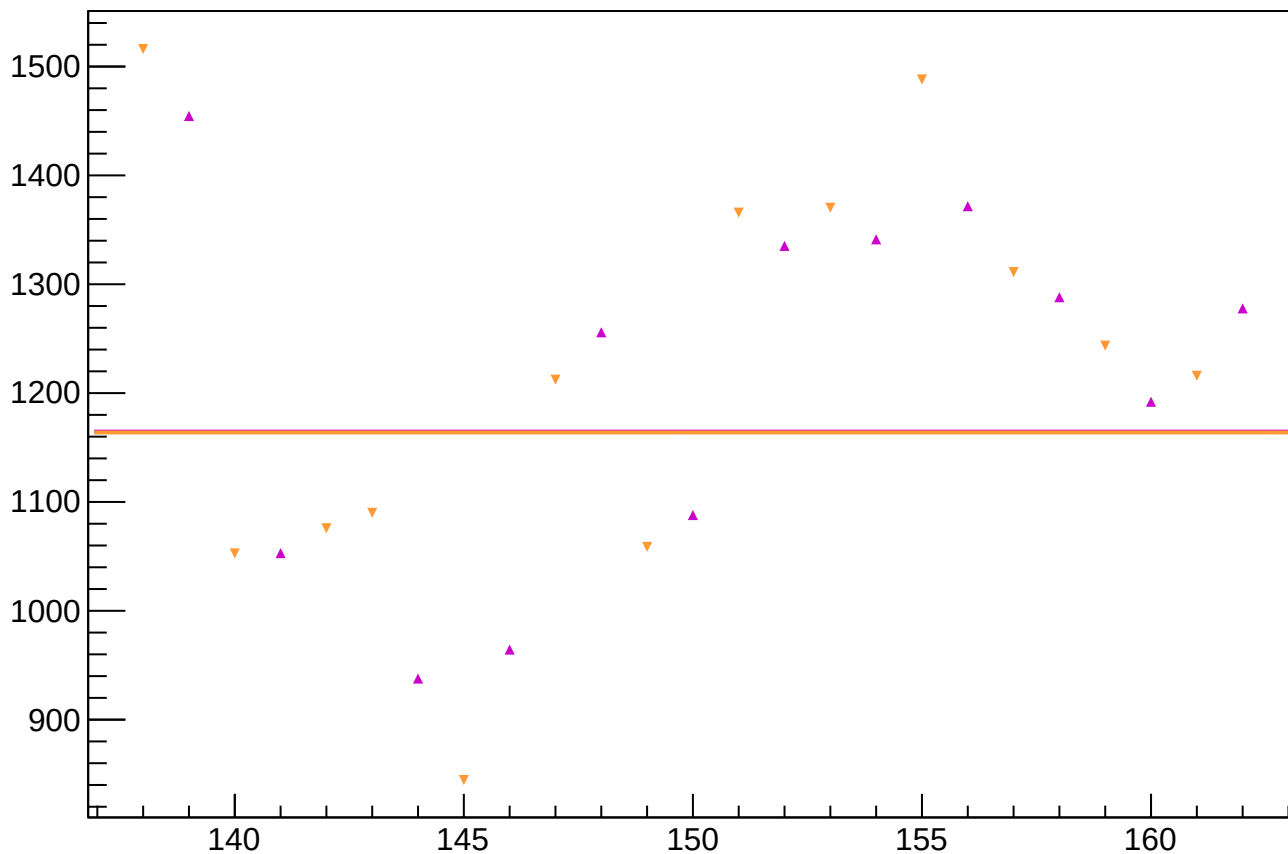
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 513.543 $\pm$ 375.941 χ^2 /NDF:6.9/11

Out: -2011.684 $\pm$ 379.761 χ^2 /NDF:20.9/12

All: -736.306 $\pm$ 267.171 χ^2 /NDF: 50.1/24

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1163.856+/-0.269 χ^2/NDF :510405.6/12

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

Left In: 1164.591+/-0.266 χ^2/NDF :387205.3/11

Left: 1164.227+/-0.189 χ^2/NDF : 897614.7/24

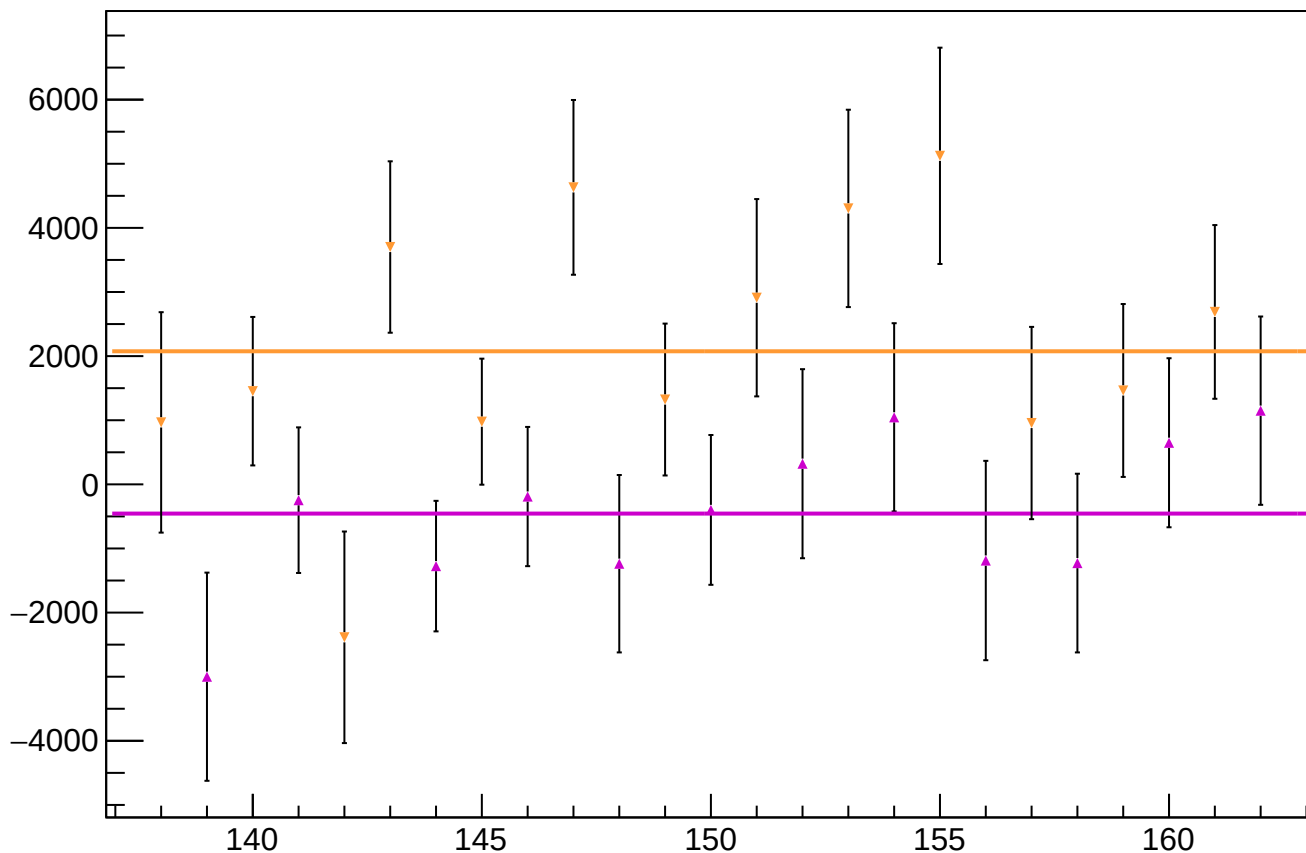
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1164.591+/-0.266 χ^2/NDF :387205.3/11

Out: 1163.856+/-0.269 χ^2/NDF :510405.6/12

All: 1164.227+/-0.189 χ^2/NDF : 897614.7/24

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 2075.484+/-377.068 χ^2/NDF :21.3/12

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

Left In: -455.931+/-374.882 χ^2/NDF :7.3/11

Left: 802.420+/-265.851 χ^2/NDF : 51.2/24

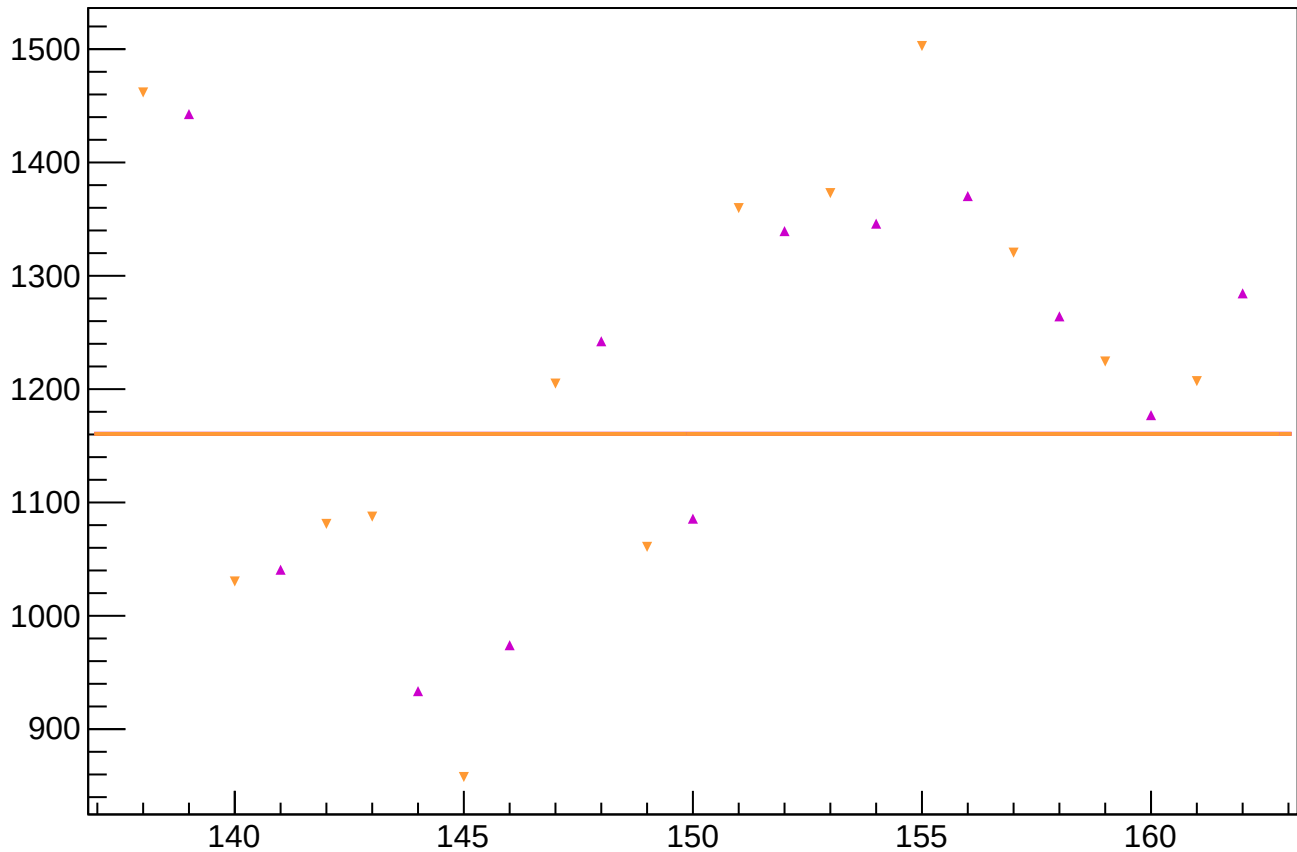
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -455.931+/-374.882 χ^2/NDF :7.3/11

Out: 2075.484+/-377.068 χ^2/NDF :21.3/12

All: 802.420+/-265.851 χ^2/NDF : 51.2/24

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1160.499+/-0.267 χ^2/NDF : 486960.1/12

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

Left In: 1160.593+/-0.265 χ^2/NDF : 379806.6/11

Left: 1160.546+/-0.188 χ^2/NDF : 866766.8/24

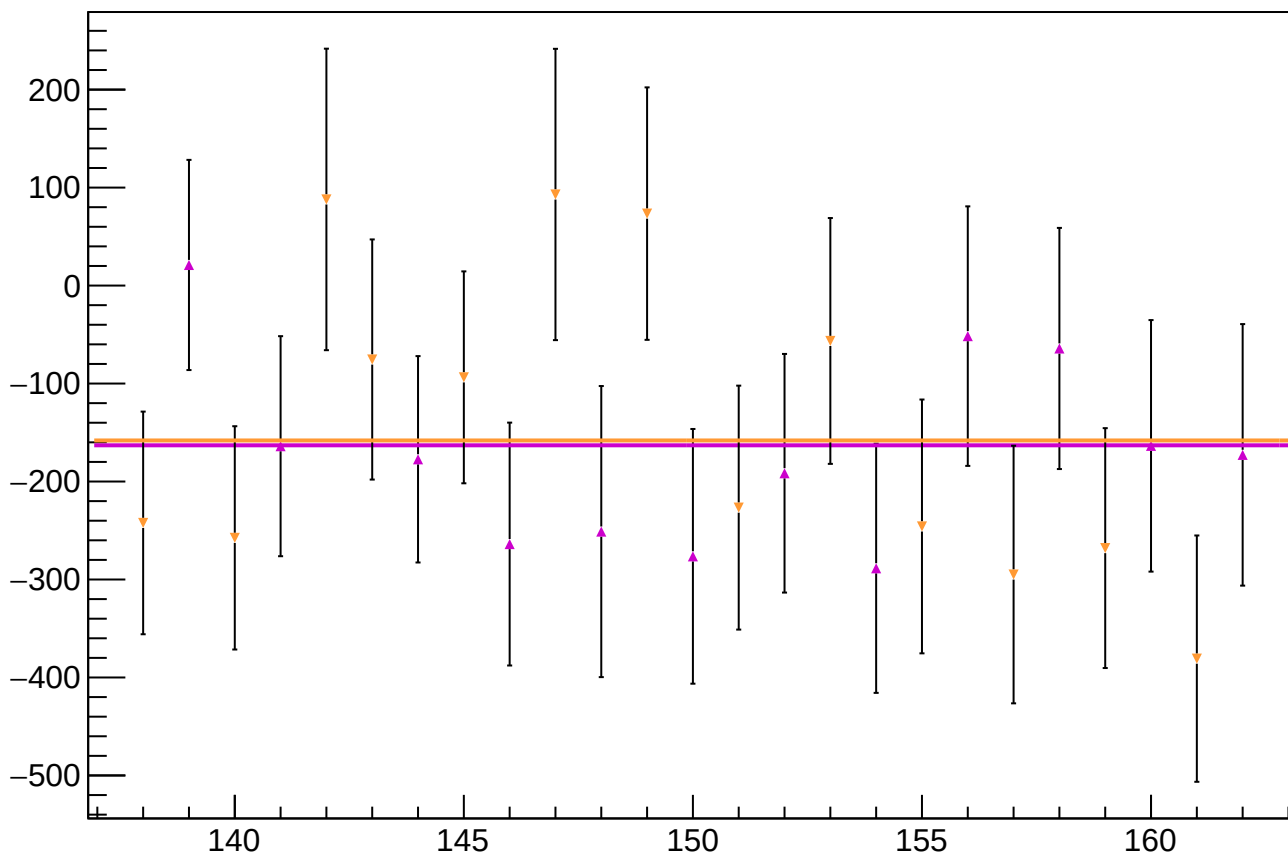
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1160.593+/-0.265 χ^2/NDF : 379806.6/11

Out: 1160.499+/-0.267 χ^2/NDF : 486960.1/12

All: 1160.546+/-0.188 χ^2/NDF : 866766.8/24

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -158.097 $\pm$ 34.714 χ^2 /NDF:17.2/12

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

Left In: -163.039 $\pm$ 35.464 χ^2 /NDF:7.1/11

Left: -160.515 $\pm$ 24.807 χ^2 /NDF: 24.3/24

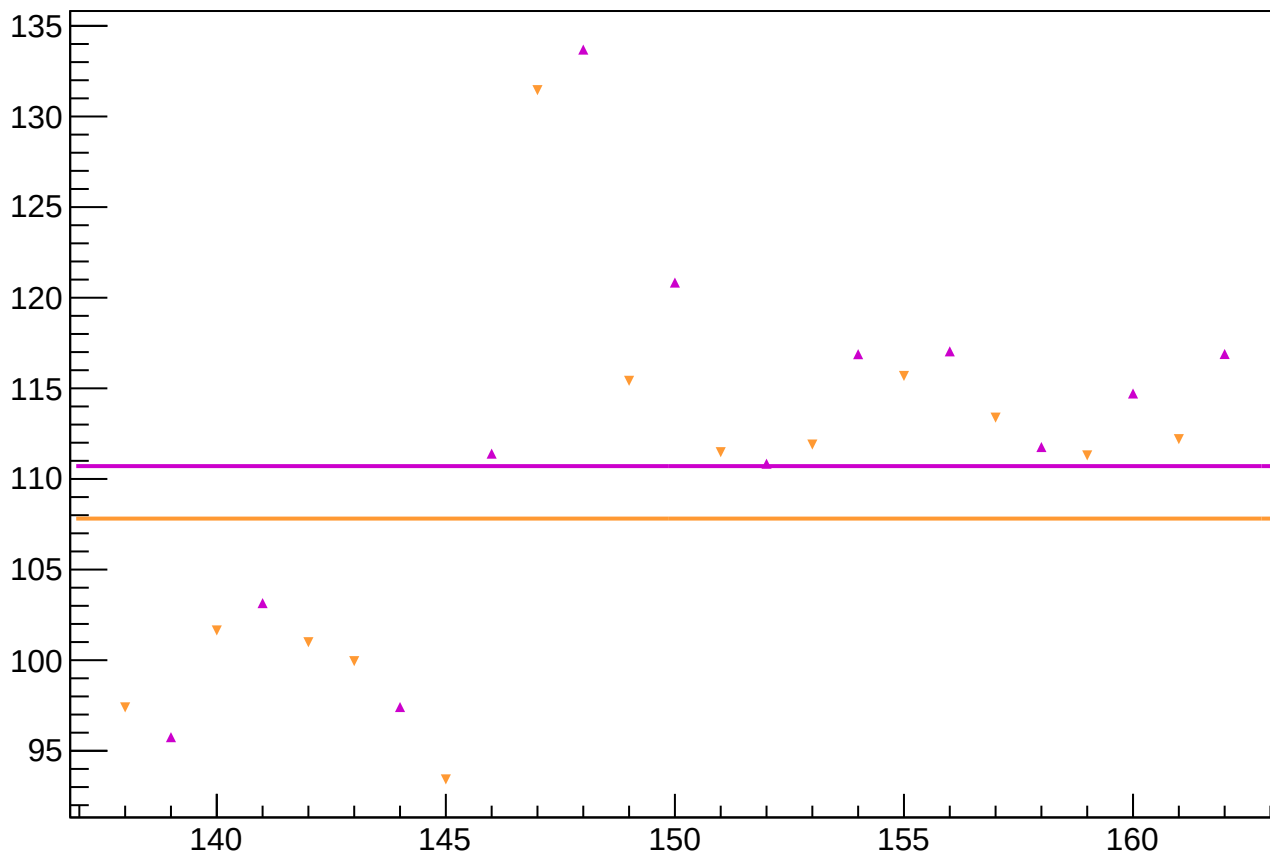
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -163.039 $\pm$ 35.464 χ^2 /NDF:7.1/11

Out: -158.097 $\pm$ 34.714 χ^2 /NDF:17.2/12

All: -160.515 $\pm$ 24.807 χ^2 /NDF: 24.3/24

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 107.813+/-0.025 χ^2/NDF :146681.4/12

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

Left In: 110.709+/-0.025 χ^2/NDF :155576.4/11

Left: 109.230+/-0.018 χ^2/NDF : 309065.0/24

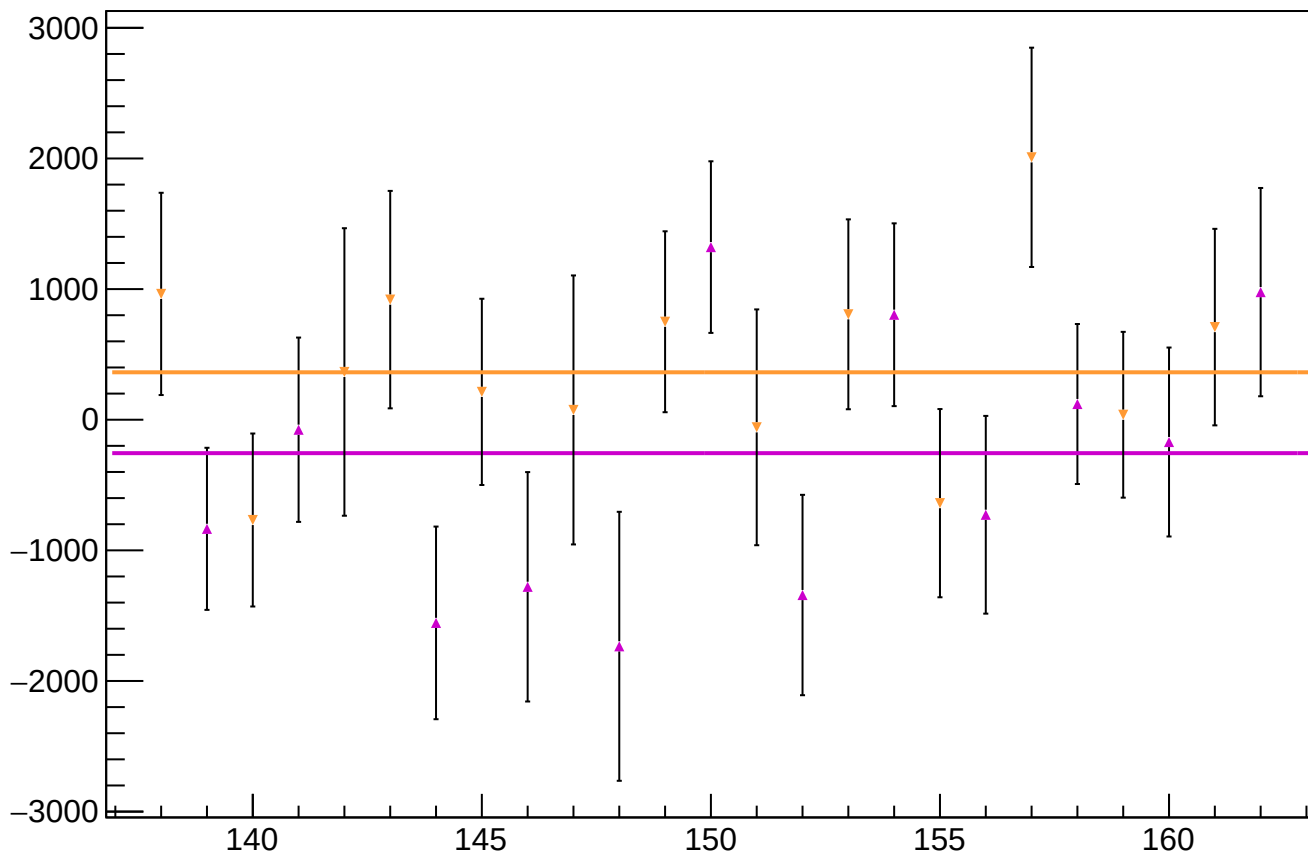
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.709+/-0.025 χ^2/NDF :155576.4/11

Out: 107.813+/-0.025 χ^2/NDF :146681.4/12

All: 109.230+/-0.018 χ^2/NDF : 309065.0/24

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 363.077+/-213.542 χ^2/NDF : 11.2/12

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

Left In: -255.922+/-210.153 χ^2/NDF : 20.7/11

Left: 48.626+/-149.784 χ^2/NDF : 36.2/24

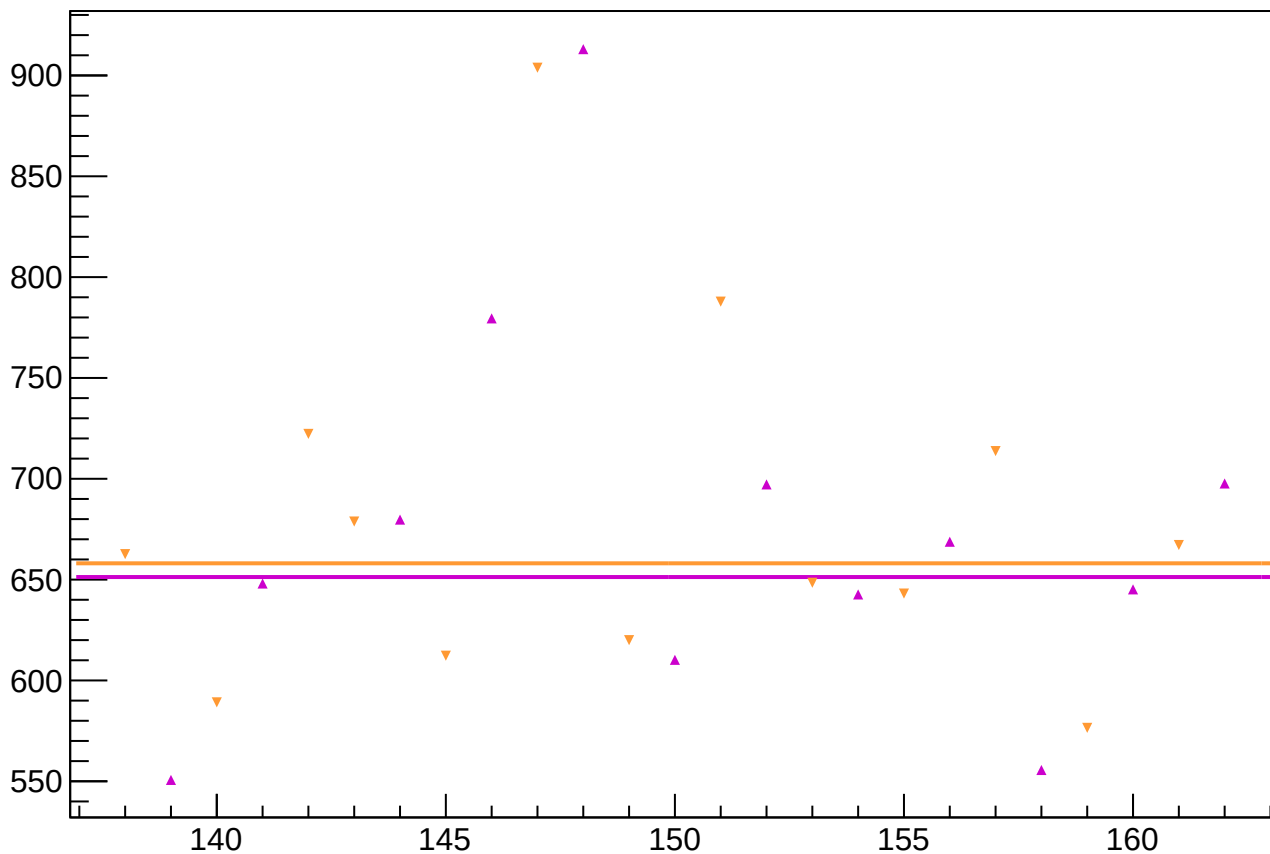
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.922+/-210.153 χ^2/NDF : 20.7/11

Out: 363.077+/-213.542 χ^2/NDF : 11.2/12

All: 48.626+/-149.784 χ^2/NDF : 36.2/24

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 658.084+/-0.151 χ^2/NDF :242733.8/12

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

Left In: 651.277+/-0.149 χ^2/NDF :299647.2/11

Left: 654.626+/-0.106 χ^2/NDF : 543413.1/24

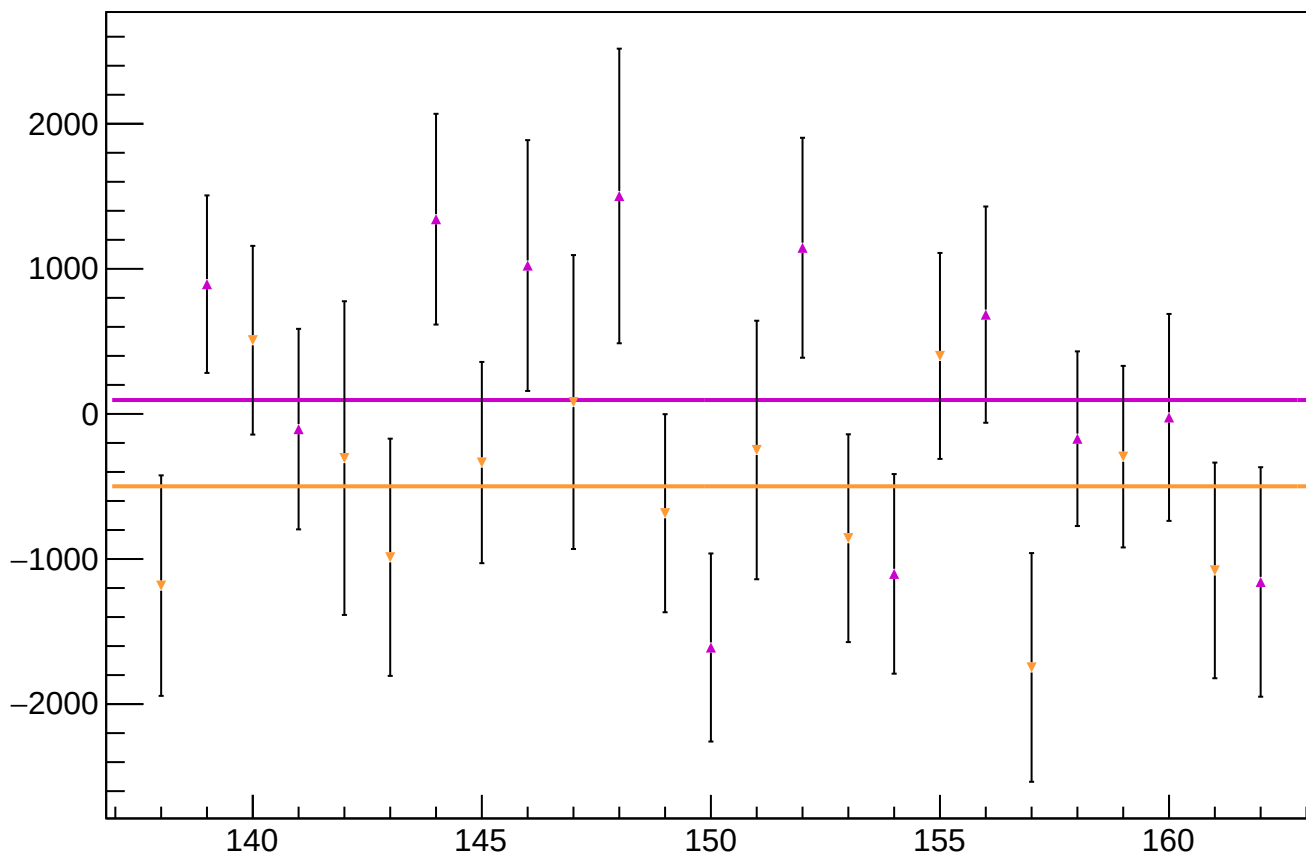
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 651.277+/-0.149 χ^2/NDF :299647.2/11

Out: 658.084+/-0.151 χ^2/NDF :242733.8/12

All: 654.626+/-0.106 χ^2/NDF : 543413.1/24

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -498.784+/-209.357 χ^2/NDF : 9.2/12

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

Left In: 95.858+/-207.047 χ^2/NDF : 23.0/11

Left: -198.164+/-147.214 χ^2/NDF : 36.3/24

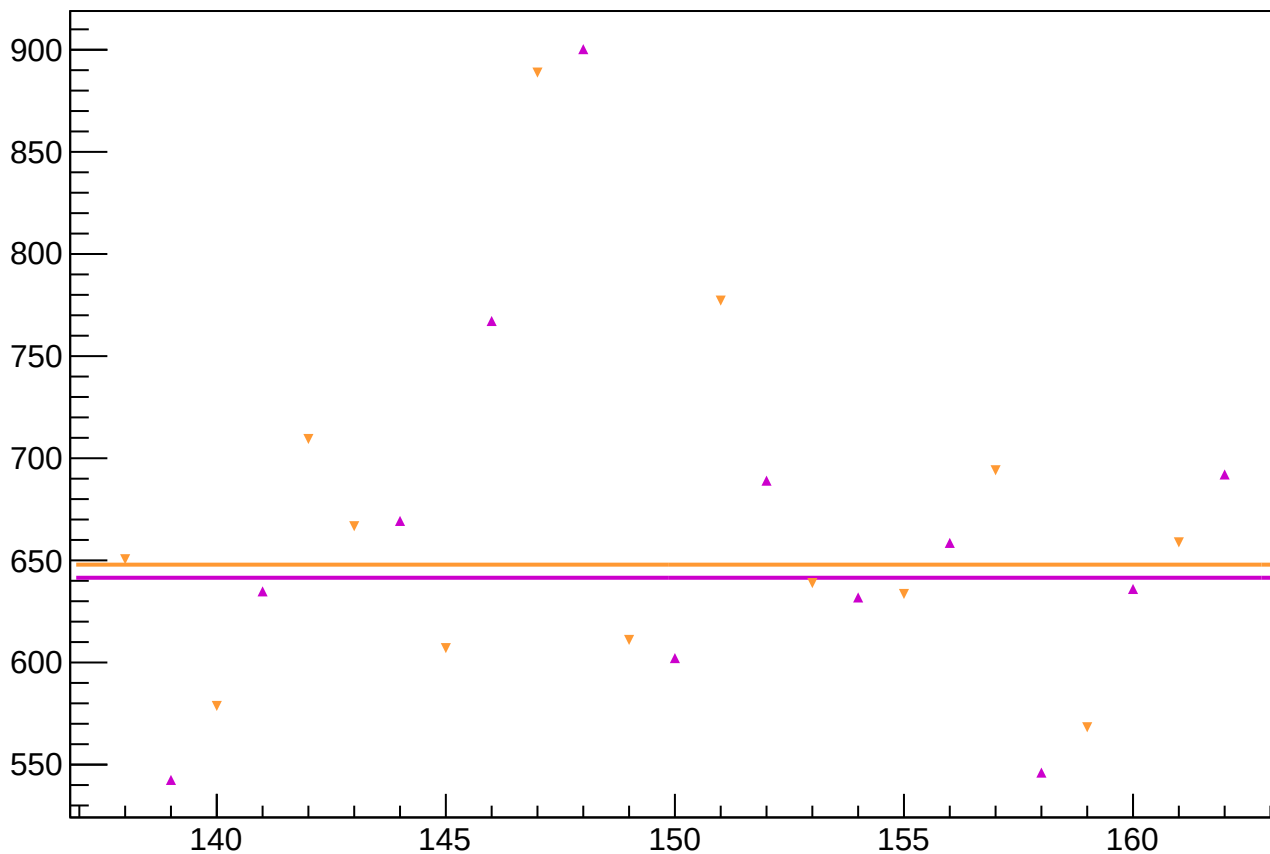
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.858+/-207.047 χ^2/NDF : 23.0/11

Out: -498.784+/-209.357 χ^2/NDF : 9.2/12

All: -198.164+/-147.214 χ^2/NDF : 36.3/24

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 647.908+/-0.148 χ^2/NDF :239035.6/12

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

Left In: 641.490+/-0.146 χ^2/NDF :302921.7/11

Left: 644.663+/-0.104 χ^2/NDF : 542907.6/24

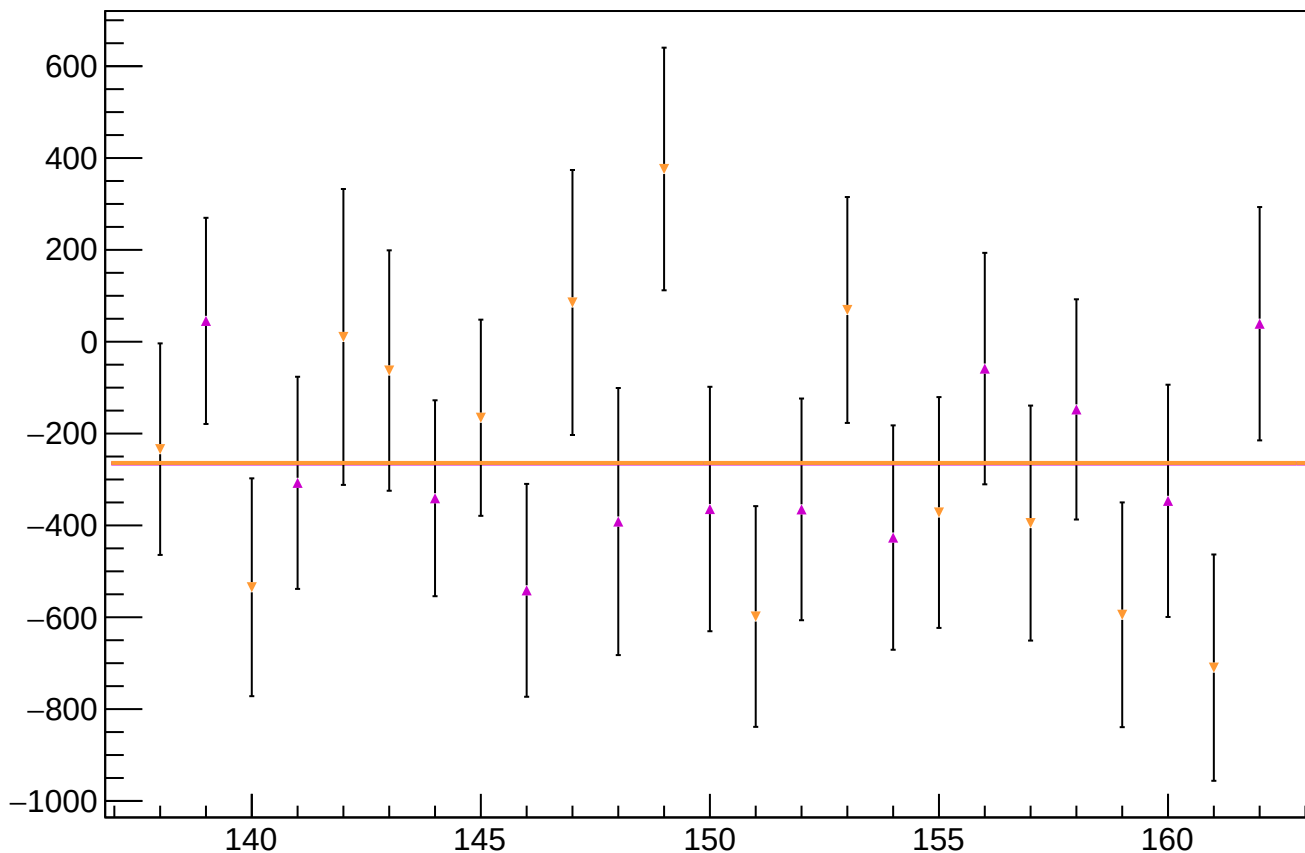
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 641.490+/-0.146 χ^2/NDF :302921.7/11

Out: 647.908+/-0.148 χ^2/NDF :239035.6/12

All: 644.663+/-0.104 χ^2/NDF : 542907.6/24

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -263.948+/-69.465 χ^2/NDF :19.5/12

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

Left In: -265.158+/-70.133 χ^2/NDF :6.9/11

Left: -264.547+/-49.354 χ^2/NDF : 26.4/24

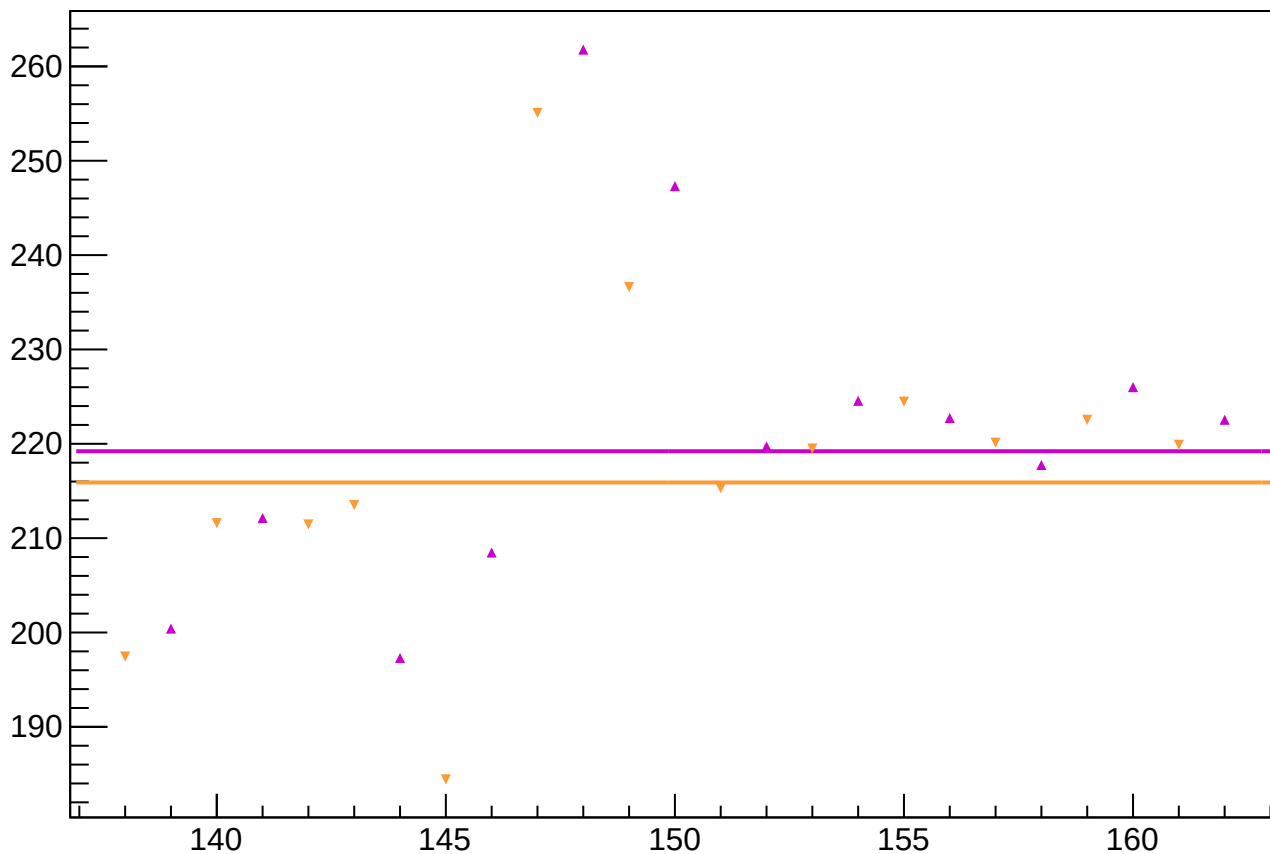
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.158+/-70.133 χ^2/NDF :6.9/11

Out: -263.948+/-69.465 χ^2/NDF :19.5/12

All: -264.547+/-49.354 χ^2/NDF : 26.4/24

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 215.905+/-0.049 χ^2/NDF :111908.0/12

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

Left In: 219.213+/-0.050 χ^2/NDF :109640.4/11

Left: 217.543+/-0.035 χ^2/NDF : 223794.8/24

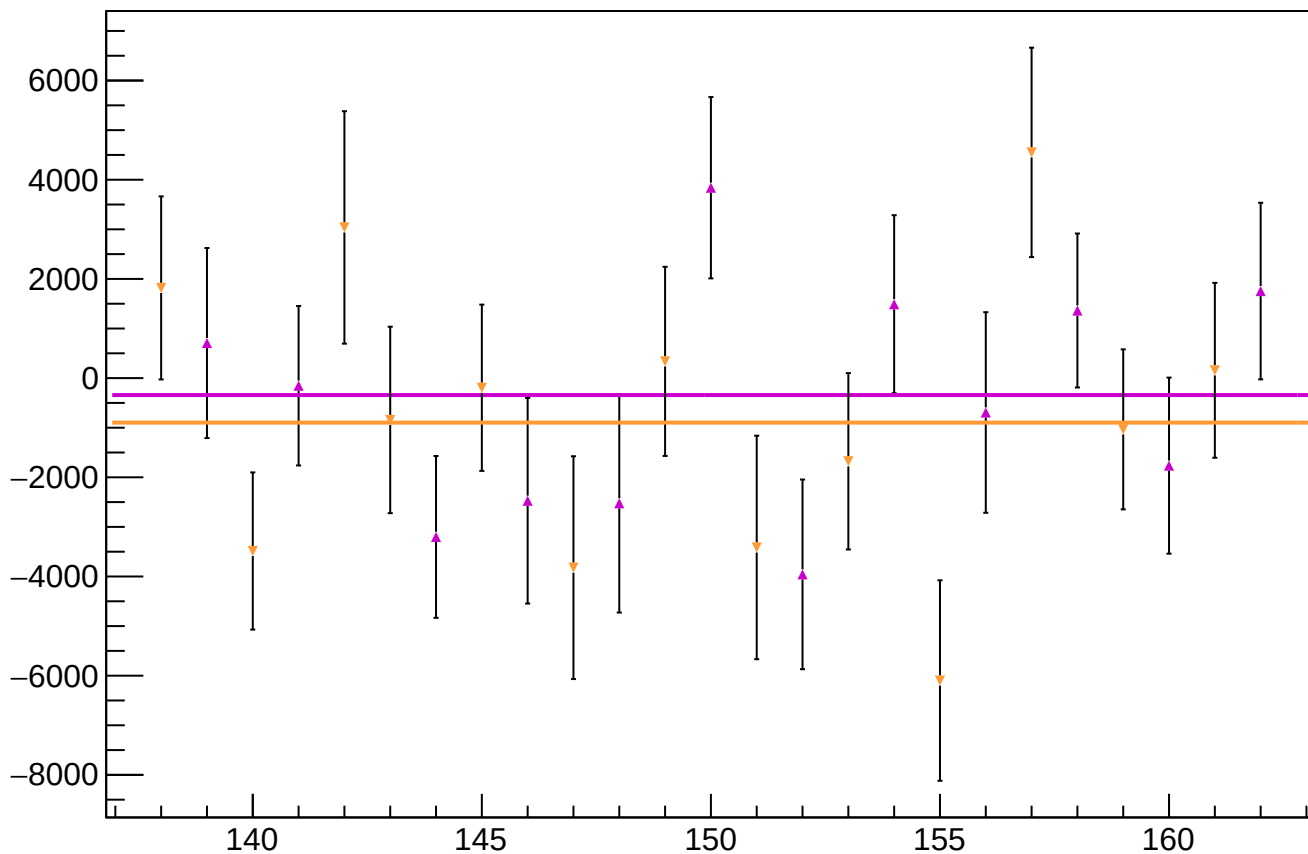
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.213+/-0.050 χ^2/NDF :109640.4/11

Out: 215.905+/-0.049 χ^2/NDF :111908.0/12

All: 217.543+/-0.035 χ^2/NDF : 223794.8/24

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -896.753+/-521.713 χ^2/NDF :25.0/12

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

Left In: -341.650+/-523.478 χ^2/NDF :18.5/11

Left: -620.139+/-369.529 χ^2/NDF : 44.1/24

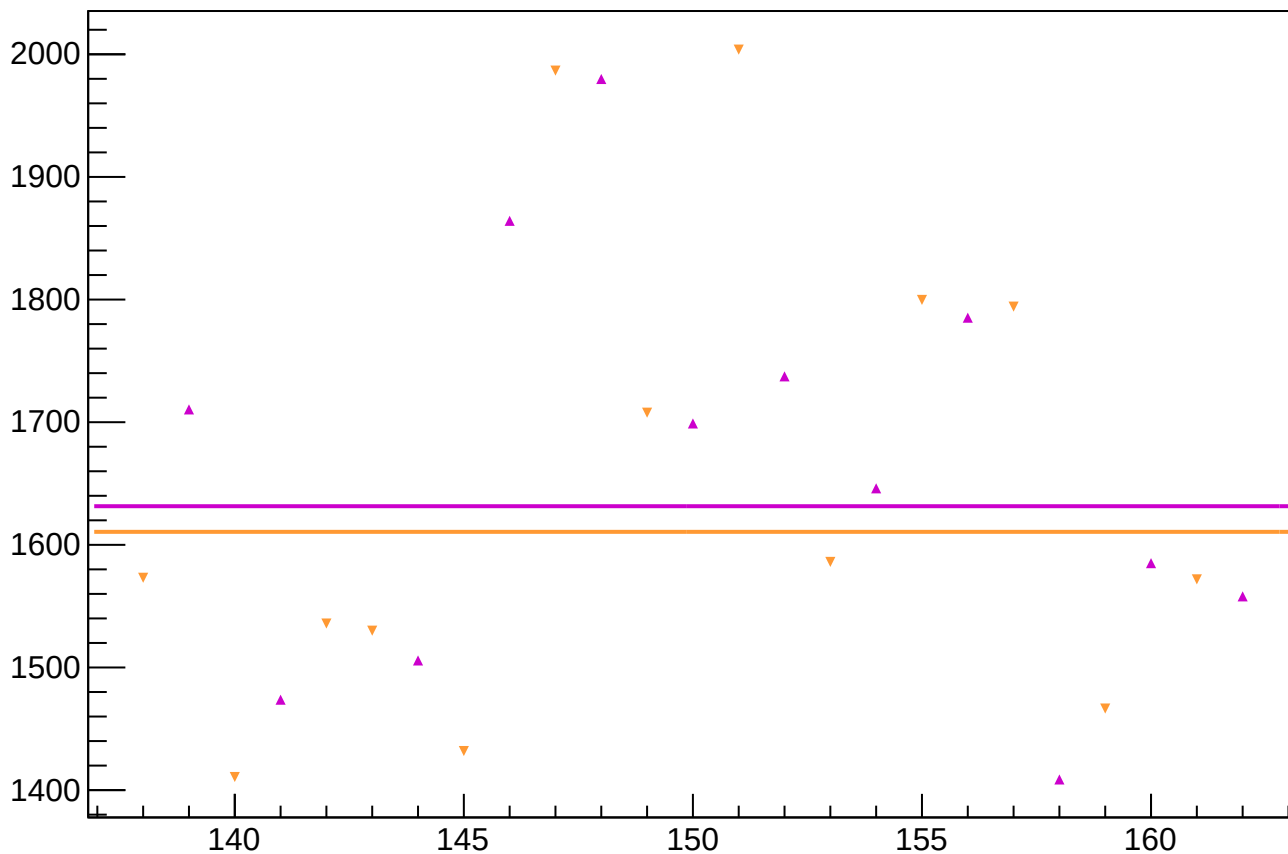
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -341.650+/-523.478 χ^2/NDF :18.5/11

Out: -896.753+/-521.713 χ^2/NDF :25.0/12

All: -620.139+/-369.529 χ^2/NDF : 44.1/24

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1610.609+/-0.369 χ^2/NDF :233214.5/12

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

Left In: 1631.505+/-0.370 χ^2/NDF :176296.7/11

Left: 1621.022+/-0.261 χ^2/NDF : 411110.0/24

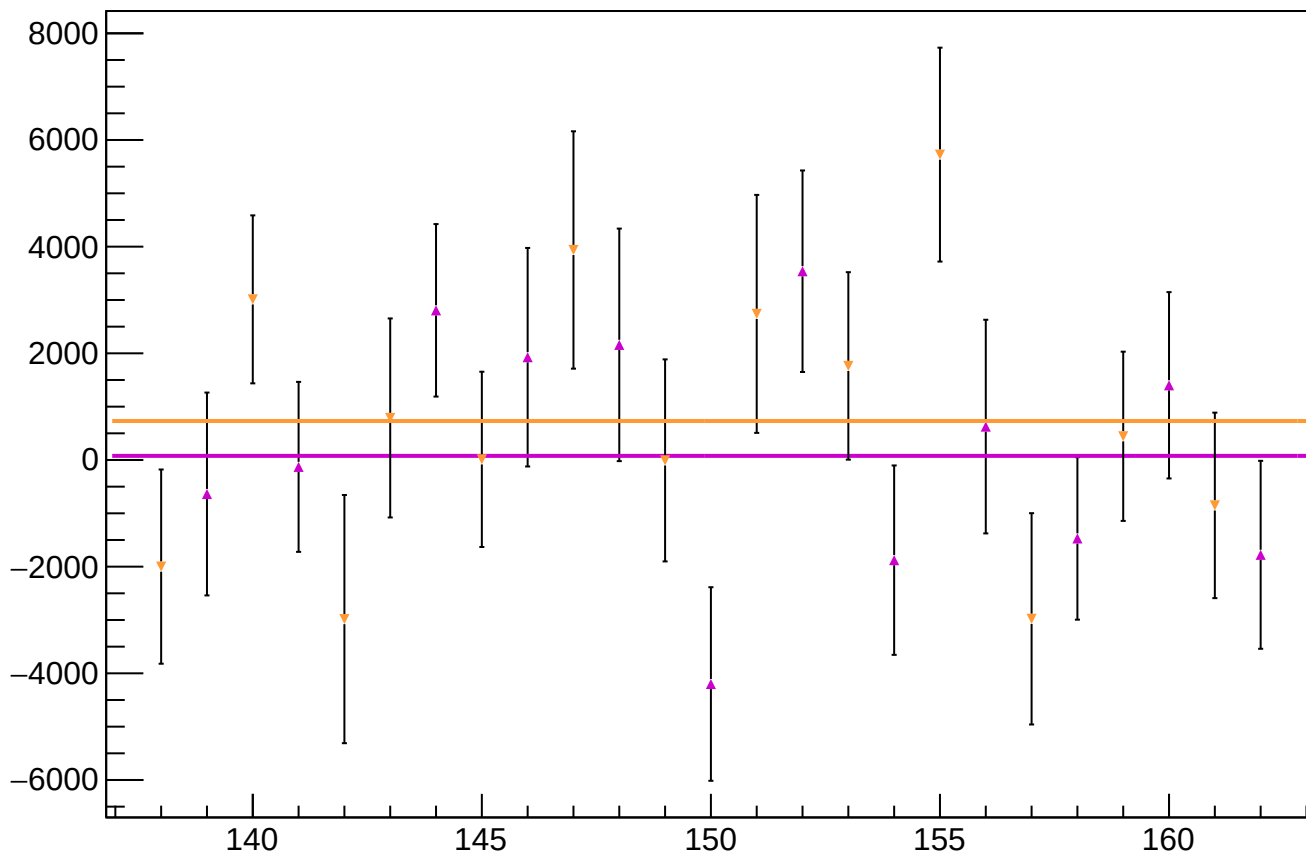
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1631.505+/-0.370 χ^2/NDF :176296.7/11

Out: 1610.609+/-0.369 χ^2/NDF :233214.5/12

All: 1621.022+/-0.261 χ^2/NDF : 411110.0/24

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 730.866+/-514.070 χ^2/NDF : 21.0/12

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

Left In: 77.282+/-517.635 χ^2/NDF : 17.6/11

Left: 406.332+/-364.756 χ^2/NDF : 39.5/24

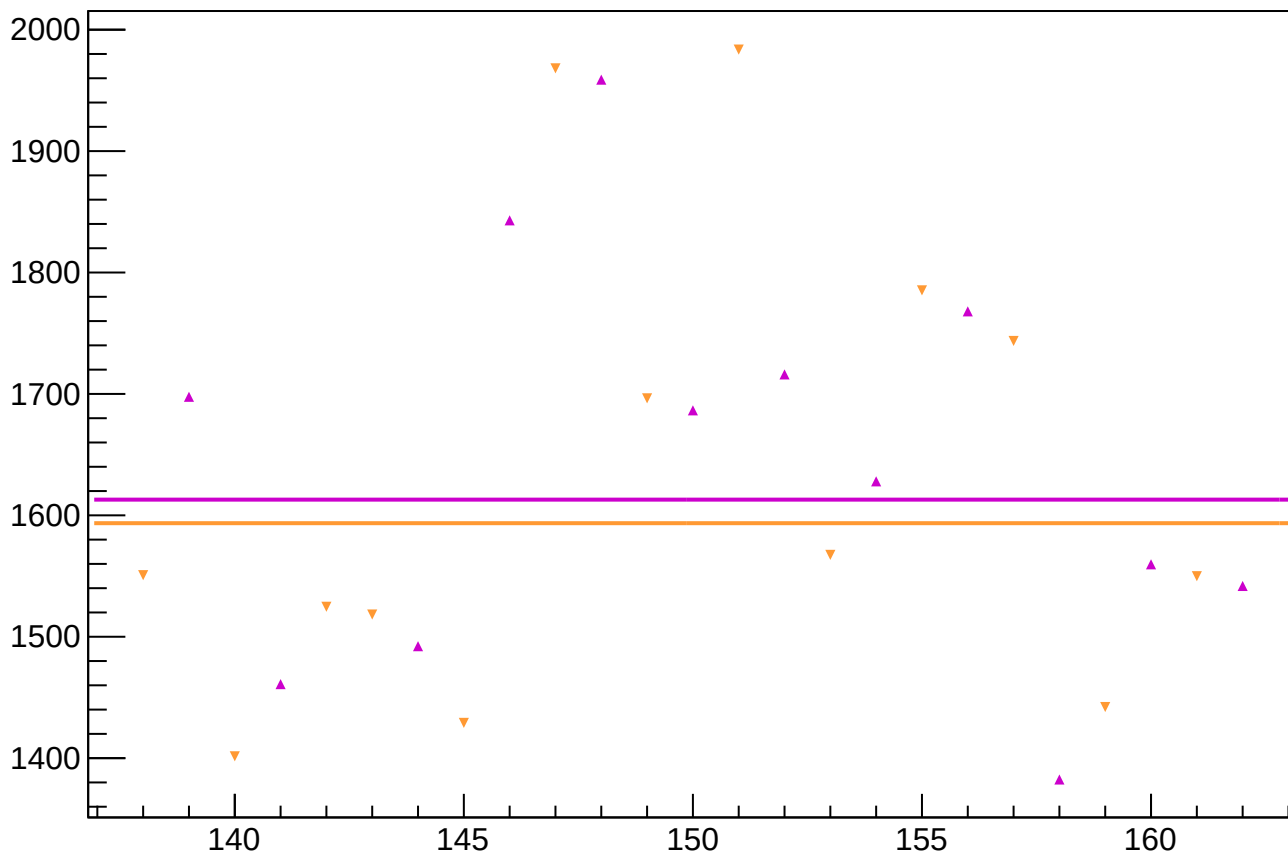
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 77.282+/-517.635 χ^2/NDF : 17.6/11

Out: 730.866+/-514.070 χ^2/NDF : 21.0/12

All: 406.332+/-364.756 χ^2/NDF : 39.5/24

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1593.536+/-0.364 χ^2/NDF :229307.2/12

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

Left In: 1612.939+/-0.366 χ^2/NDF :181148.3/11

Left: 1603.170+/-0.258 χ^2/NDF : 411870.3/24

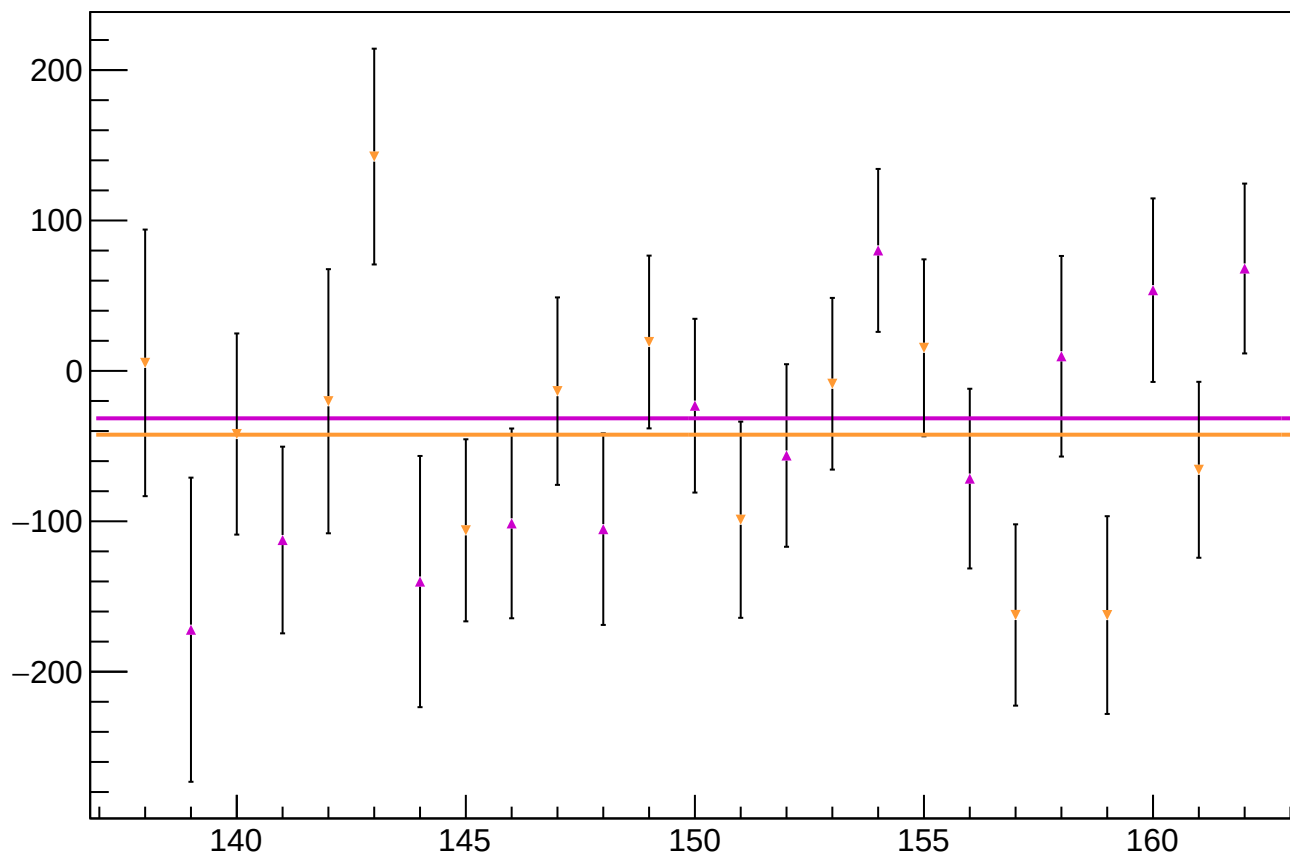
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1612.939+/-0.366 χ^2/NDF :181148.3/11

Out: 1593.536+/-0.364 χ^2/NDF :229307.2/12

All: 1603.170+/-0.258 χ^2/NDF : 411870.3/24

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -42.416 $\pm$ 17.851 χ^2 /NDF:19.0/12

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

Left In: -31.536 $\pm$ 18.264 χ^2 /NDF:18.2/11

Left: -37.100 $\pm$ 12.766 χ^2 /NDF: 37.4/24

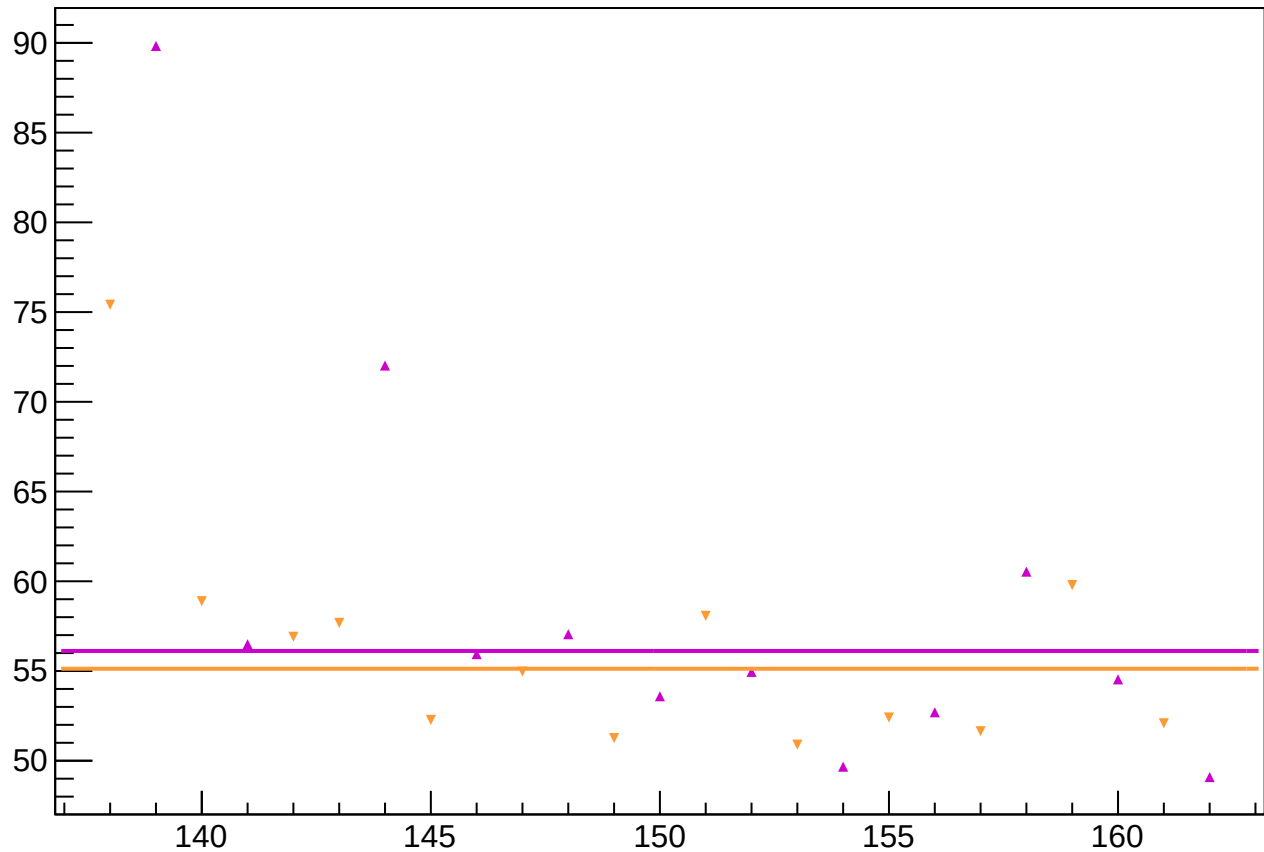
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.536 $\pm$ 18.264 χ^2 /NDF:18.2/11

Out: -42.416 $\pm$ 17.851 χ^2 /NDF:19.0/12

All: -37.100 $\pm$ 12.766 χ^2 /NDF: 37.4/24

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 55.127+/-0.013 χ^2/NDF :169432.8/12

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

Left In: 56.117+/-0.013 χ^2/NDF :375943.0/11

Left: 55.611+/-0.009 χ^2/NDF : 548378.6/24

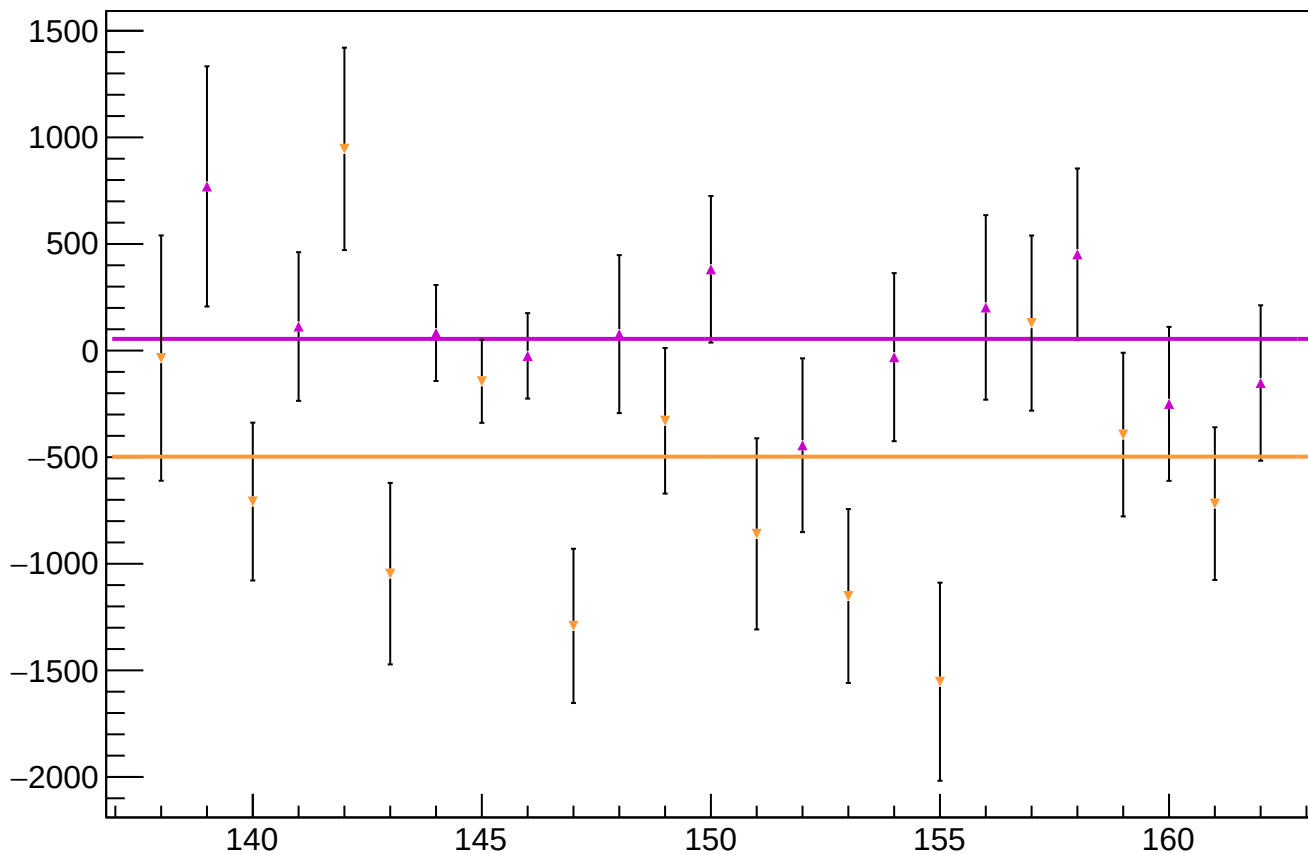
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 56.117+/-0.013 χ^2/NDF :375943.0/11

Out: 55.127+/-0.013 χ^2/NDF :169432.8/12

All: 55.611+/-0.009 χ^2/NDF : 548378.6/24

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -497.563 $\pm$ 100.525 χ^2 /NDF:31.4/12

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

Left In: 54.897 $\pm$ 94.956 χ^2 /NDF:6.4/11

Left: -205.608 $\pm$ 69.029 χ^2 /NDF: 53.7/24

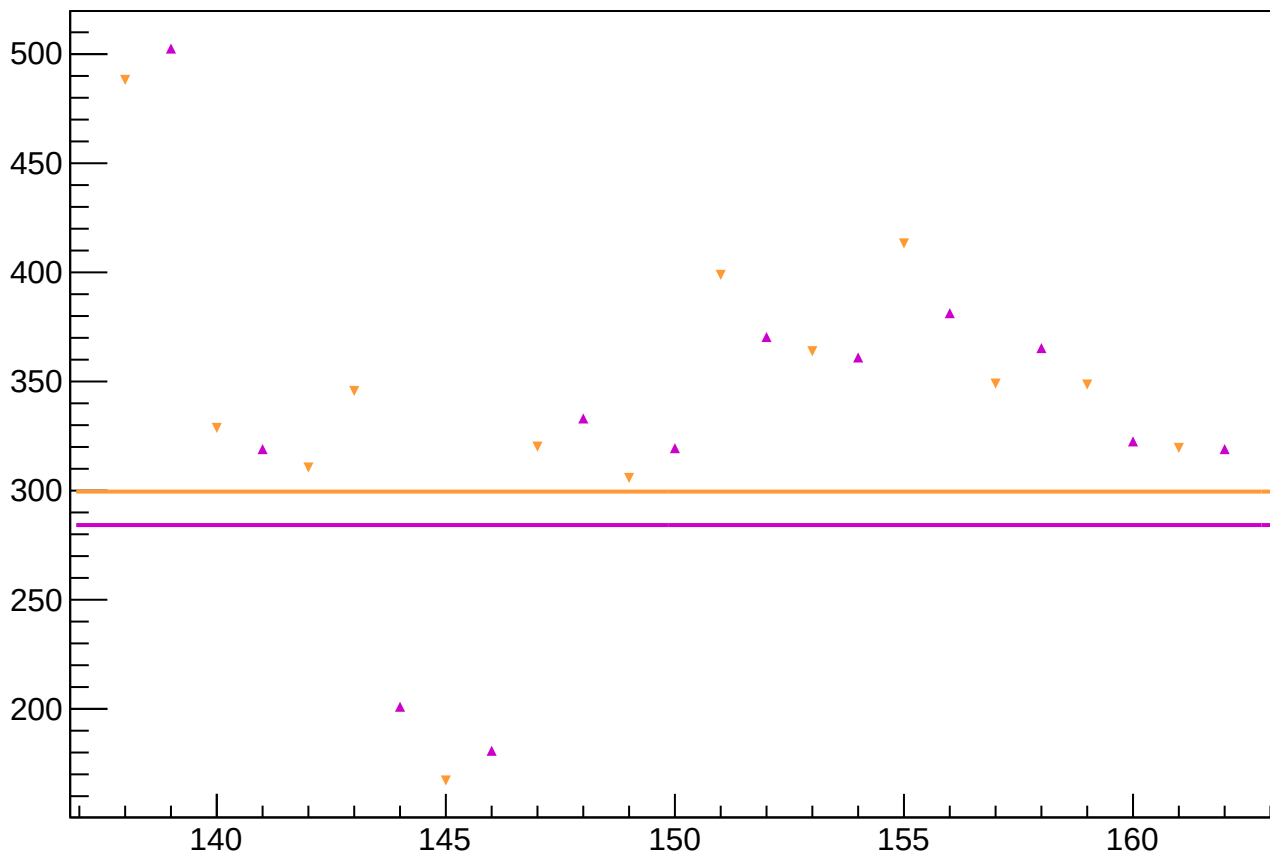
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 54.897 $\pm$ 94.956 χ^2 /NDF:6.4/11

Out: -497.563 $\pm$ 100.525 χ^2 /NDF:31.4/12

All: -205.608 $\pm$ 69.029 χ^2 /NDF: 53.7/24

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 299.559+/-0.071 χ^2/NDF :1517526.2/12

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

Left In: 284.223+/-0.067 χ^2/NDF :1569818.8/11

Left: 291.455+/-0.049 χ^2/NDF : 3111945.9/24

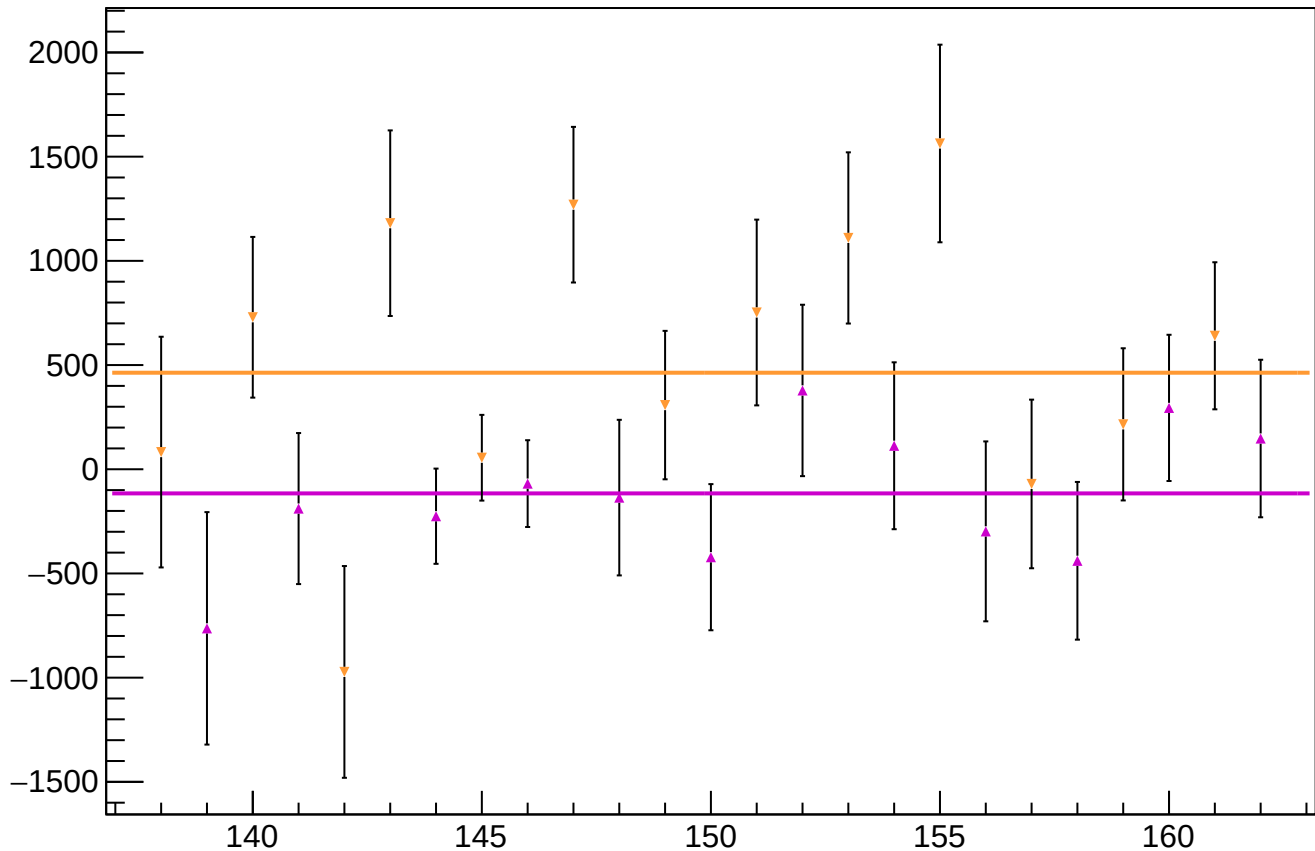
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.223+/-0.067 χ^2/NDF :1569818.8/11

Out: 299.559+/-0.071 χ^2/NDF :1517526.2/12

All: 291.455+/-0.049 χ^2/NDF : 3111945.9/24

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 463.247+/-102.785 χ^2/NDF :31.1/12

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

Left In: -115.828+/-96.232 χ^2/NDF :7.0/11

Left: 154.661+/-70.249 χ^2/NDF : 54.9/24

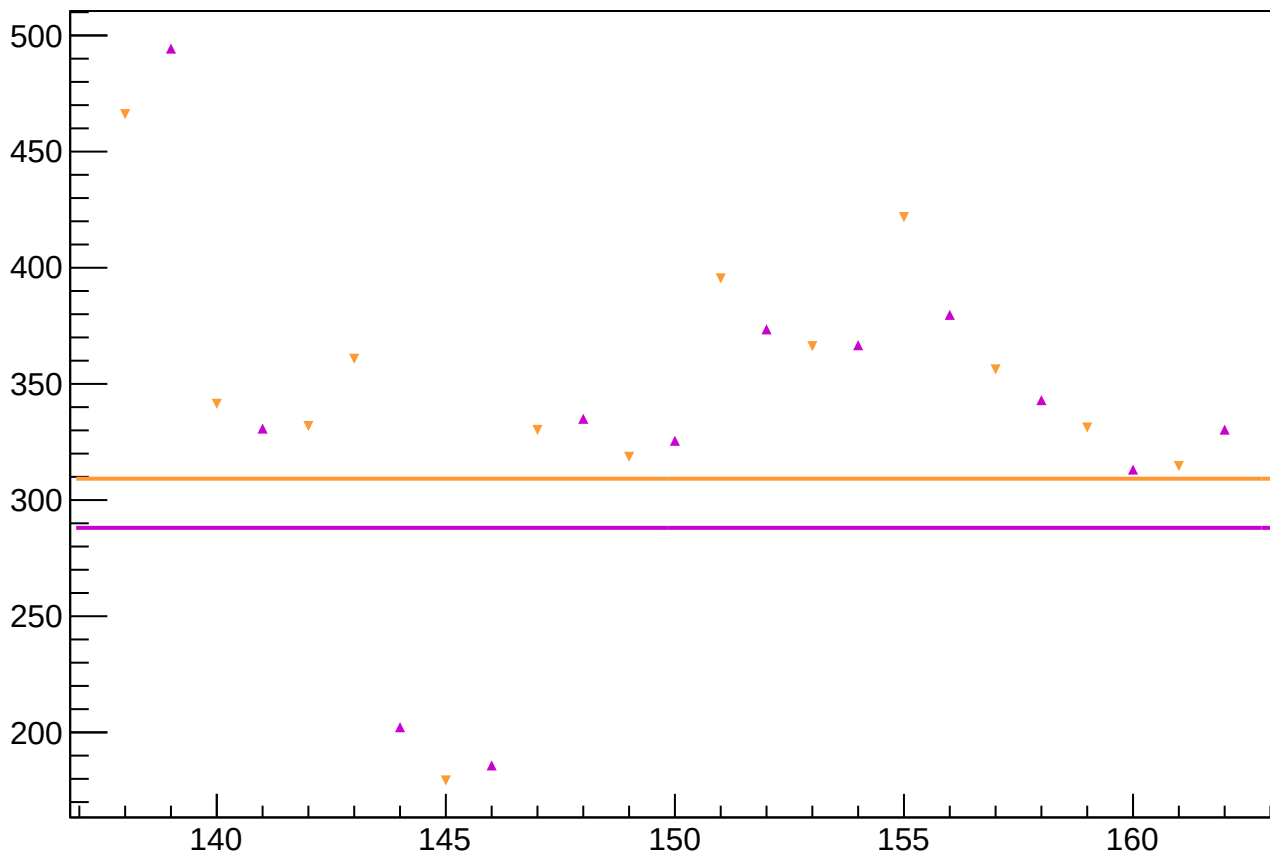
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -115.828+/-96.232 χ^2/NDF :7.0/11

Out: 463.247+/-102.785 χ^2/NDF :31.1/12

All: 154.661+/-70.249 χ^2/NDF : 54.9/24

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 309.205+/-0.073 χ^2/NDF :1271964.8/12

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

Left In: 288.041+/-0.068 χ^2/NDF :1451561.0/11

Left: 297.927+/-0.050 χ^2/NDF : 2768712.2/24

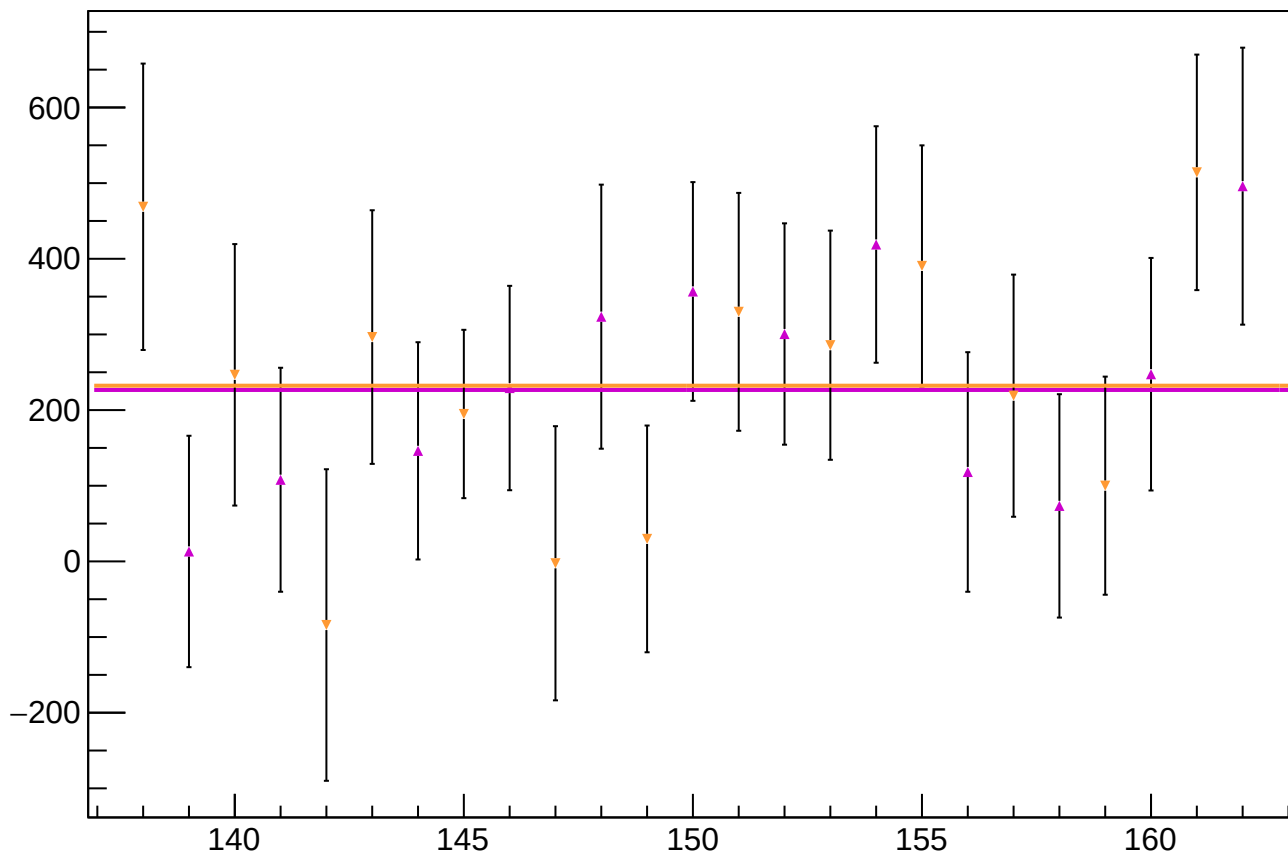
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.041+/-0.068 χ^2/NDF :1451561.0/11

Out: 309.205+/-0.073 χ^2/NDF :1271964.8/12

All: 297.927+/-0.050 χ^2/NDF : 2768712.2/24

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 232.245+/-43.512 χ^2/NDF :13.3/12

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

Left In: 226.595+/-43.939 χ^2/NDF :9.5/11

Left: 229.448+/-30.917 χ^2/NDF : 22.9/24

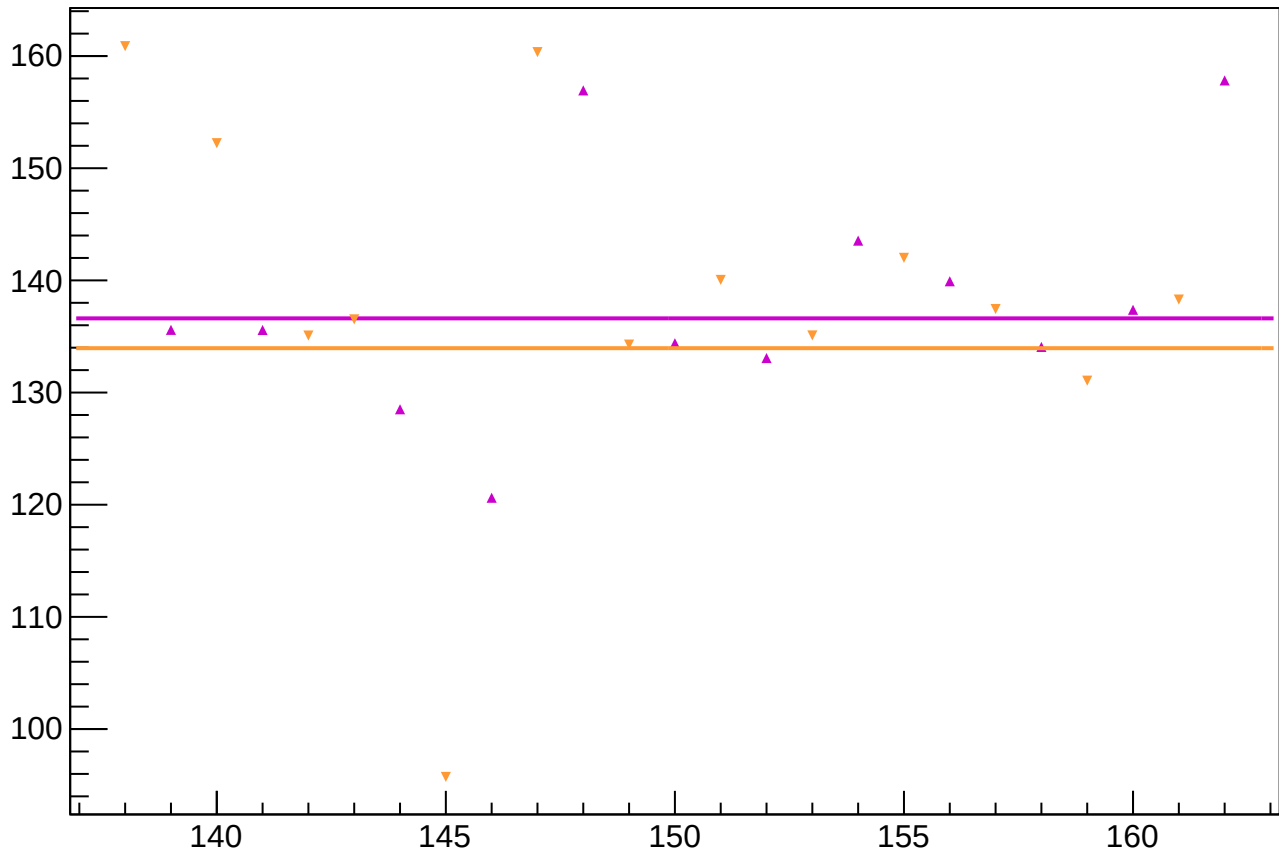
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.595+/-43.939 χ^2/NDF :9.5/11

Out: 232.245+/-43.512 χ^2/NDF :13.3/12

All: 229.448+/-30.917 χ^2/NDF : 22.9/24

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.956+/-0.031 χ^2/NDF :353399.0/12

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

Left In: 136.614+/-0.031 χ^2/NDF :95647.4/11

Left: 135.272+/-0.022 χ^2/NDF : 452740.0/24

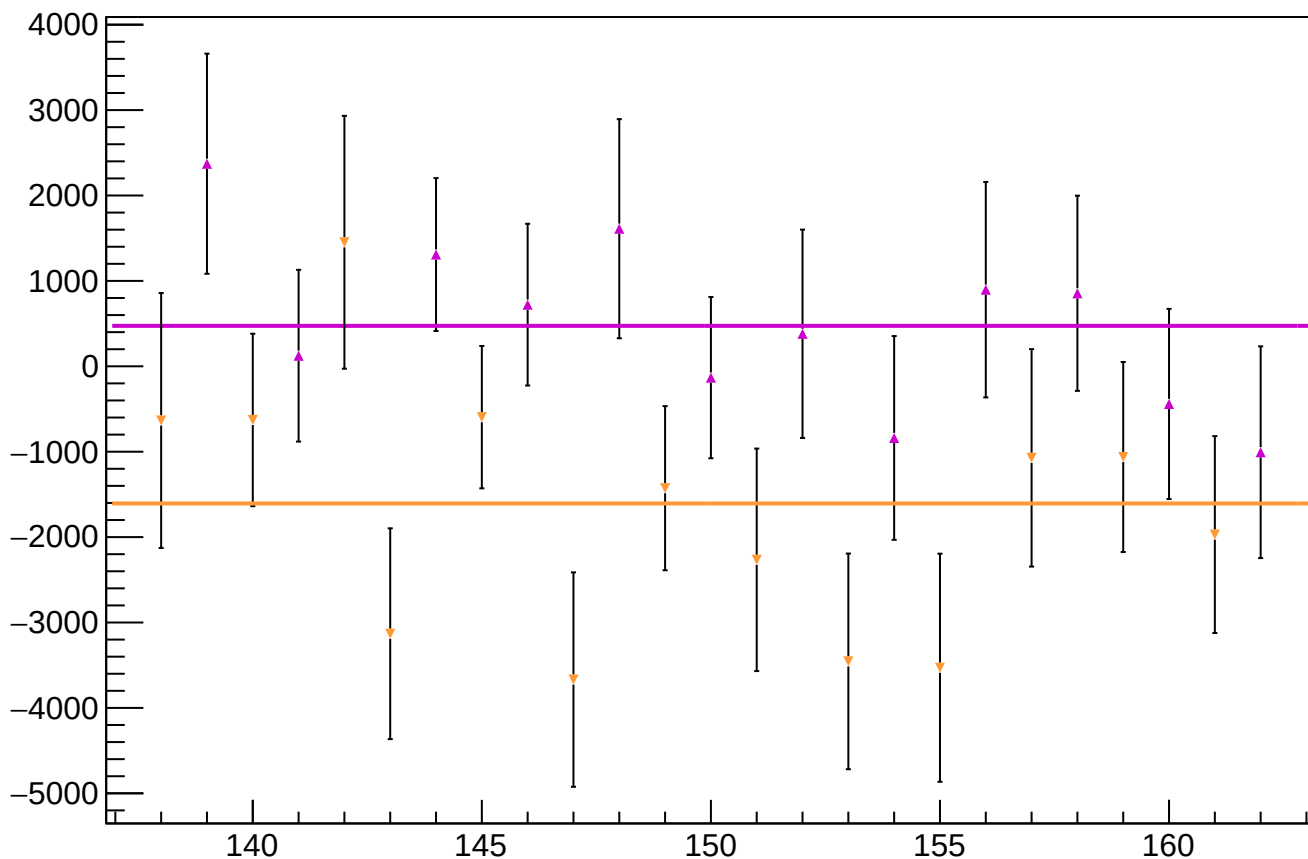
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.614+/-0.031 χ^2/NDF :95647.4/11

Out: 133.956+/-0.031 χ^2/NDF :353399.0/12

All: 135.272+/-0.022 χ^2/NDF : 452740.0/24

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1606.266+/-321.837 χ^2/NDF :16.4/12

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

Left In: 473.661+/-317.650 χ^2/NDF :8.0/11

Left: -552.685+/-226.078 χ^2/NDF : 45.5/24

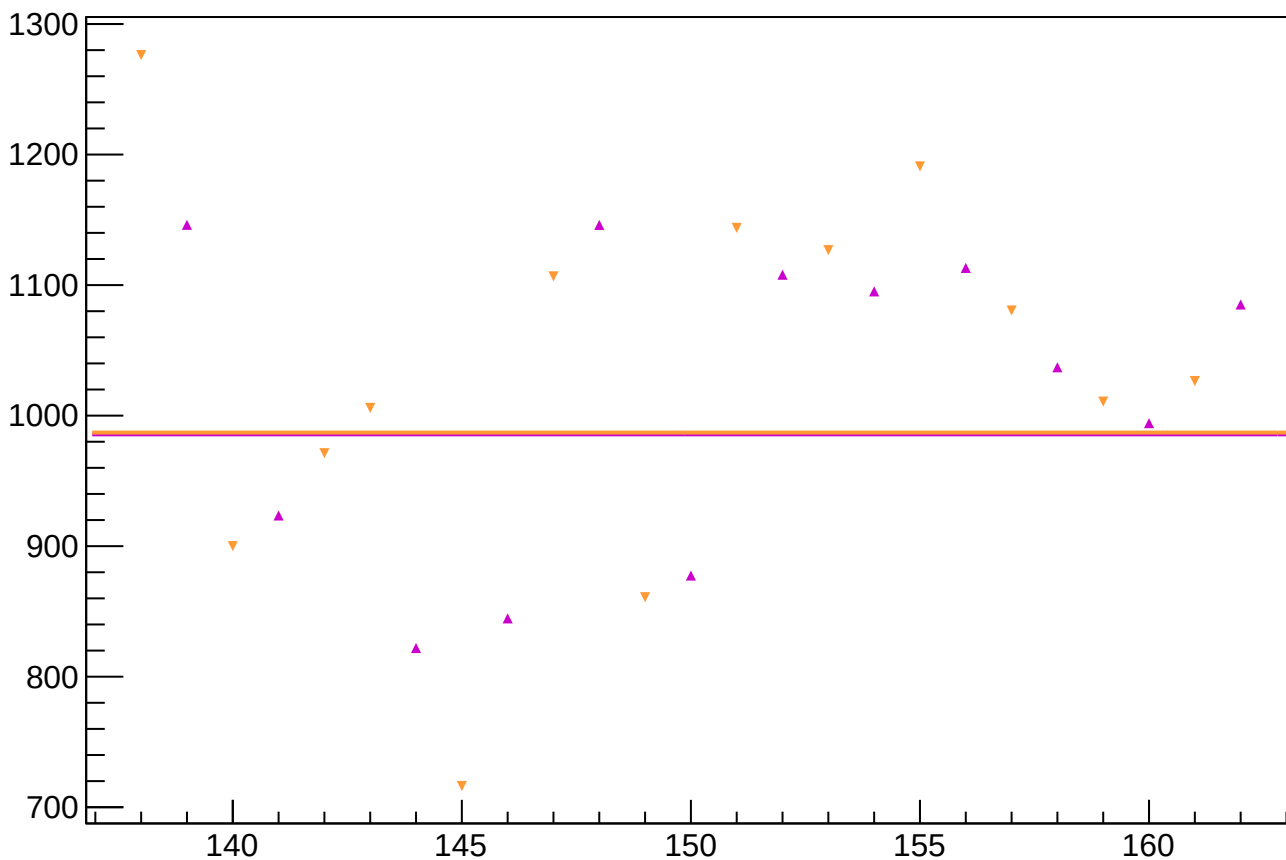
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.661+/-317.650 χ^2/NDF :8.0/11

Out: -1606.266+/-321.837 χ^2/NDF :16.4/12

All: -552.685+/-226.078 χ^2/NDF : 45.5/24

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 987.024+/-0.228 χ^2/NDF : 468558.2/12

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

Left In: 985.661+/-0.225 χ^2/NDF : 281896.2/11

Left: 986.334+/-0.160 χ^2/NDF : 750472.6/24

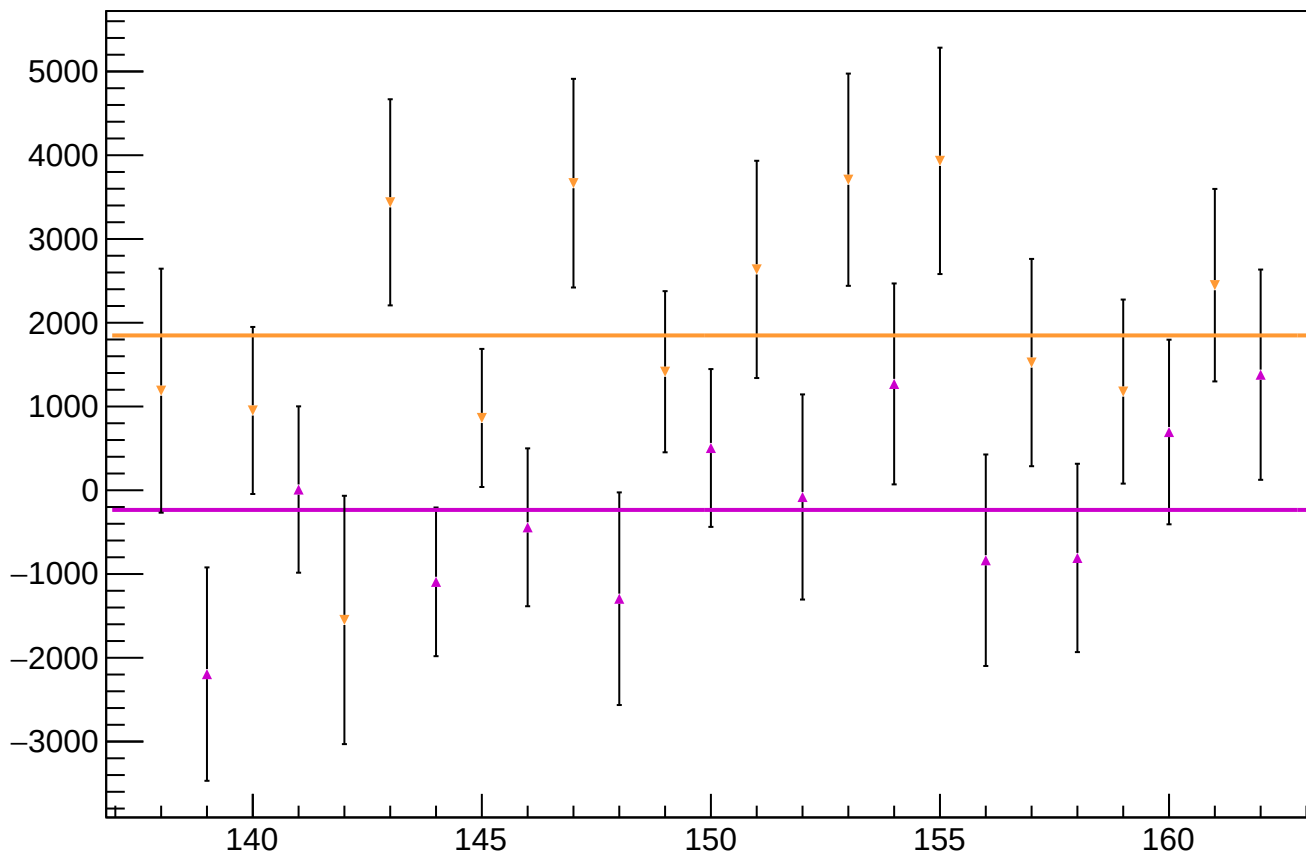
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 985.661+/-0.225 χ^2/NDF : 281896.2/11

Out: 987.024+/-0.228 χ^2/NDF : 468558.2/12

All: 986.334+/-0.160 χ^2/NDF : 750472.6/24

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1848.641+/-319.562 χ^2/NDF :17.3/12

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

Left In: -234.702+/-316.052 χ^2/NDF :9.2/11

Left: 795.466+/-224.713 χ^2/NDF : 48.0/24

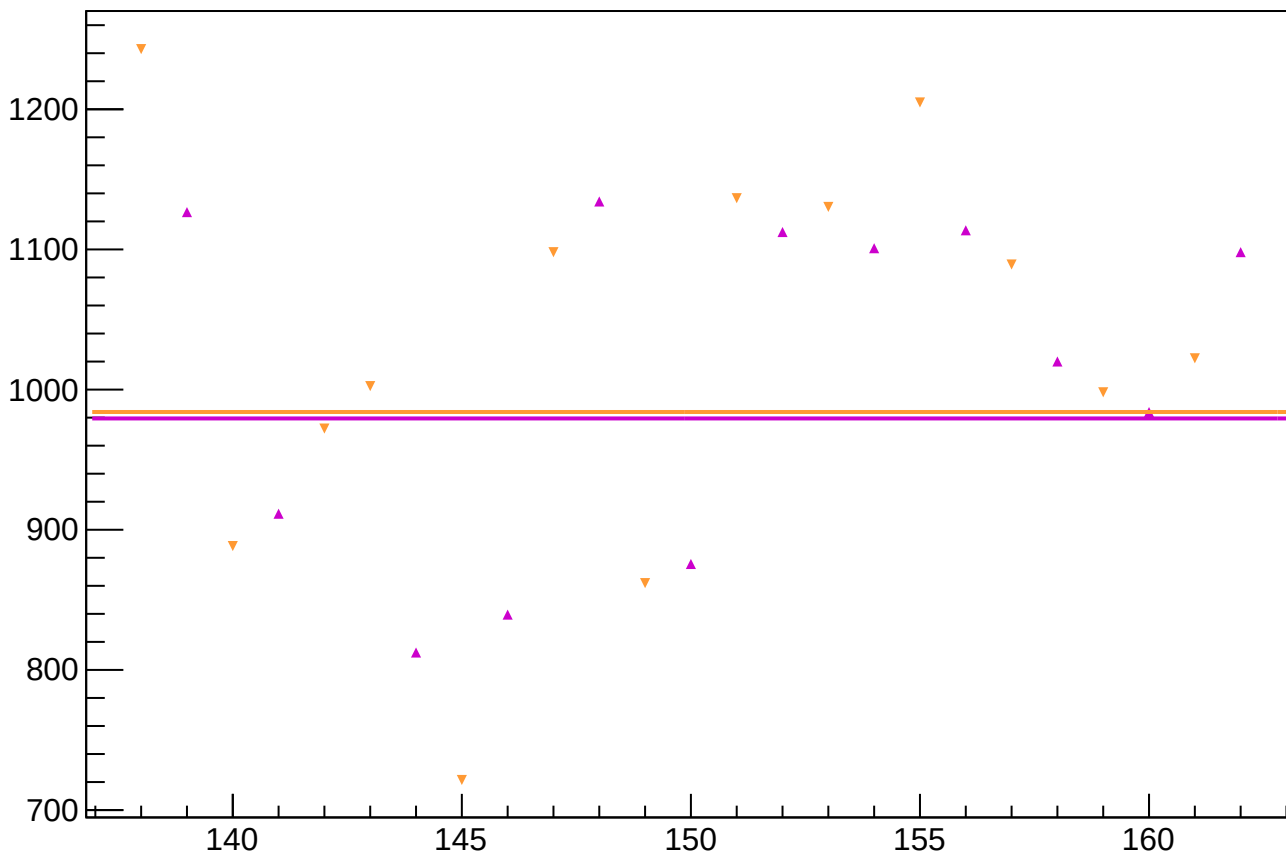
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -234.702+/-316.052 χ^2/NDF :9.2/11

Out: 1848.641+/-319.562 χ^2/NDF :17.3/12

All: 795.466+/-224.713 χ^2/NDF : 48.0/24

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 984.025+/-0.226 χ^2/NDF : 458769.6/12

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

Left In: 979.412+/-0.223 χ^2/NDF : 292239.5/11

Left: 981.693+/-0.159 χ^2/NDF : 751219.6/24

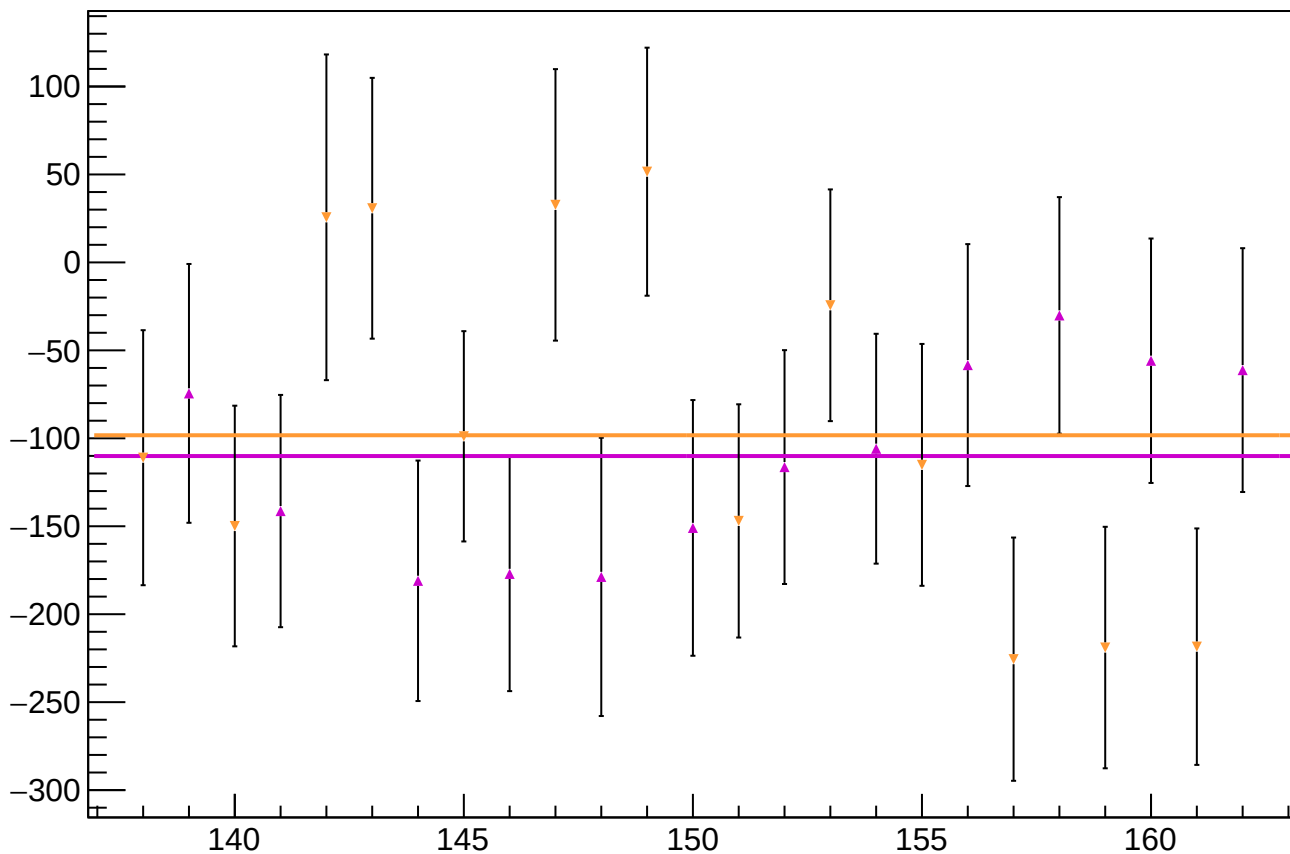
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 979.412+/-0.223 χ^2/NDF : 292239.5/11

Out: 984.025+/-0.226 χ^2/NDF : 458769.6/12

All: 981.693+/-0.159 χ^2/NDF : 751219.6/24

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -98.266+/-19.375 χ^2/NDF :24.4/12

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

Left In: -110.085+/-19.956 χ^2/NDF :6.7/11

Left: -104.001+/-13.901 χ^2/NDF : 31.2/24

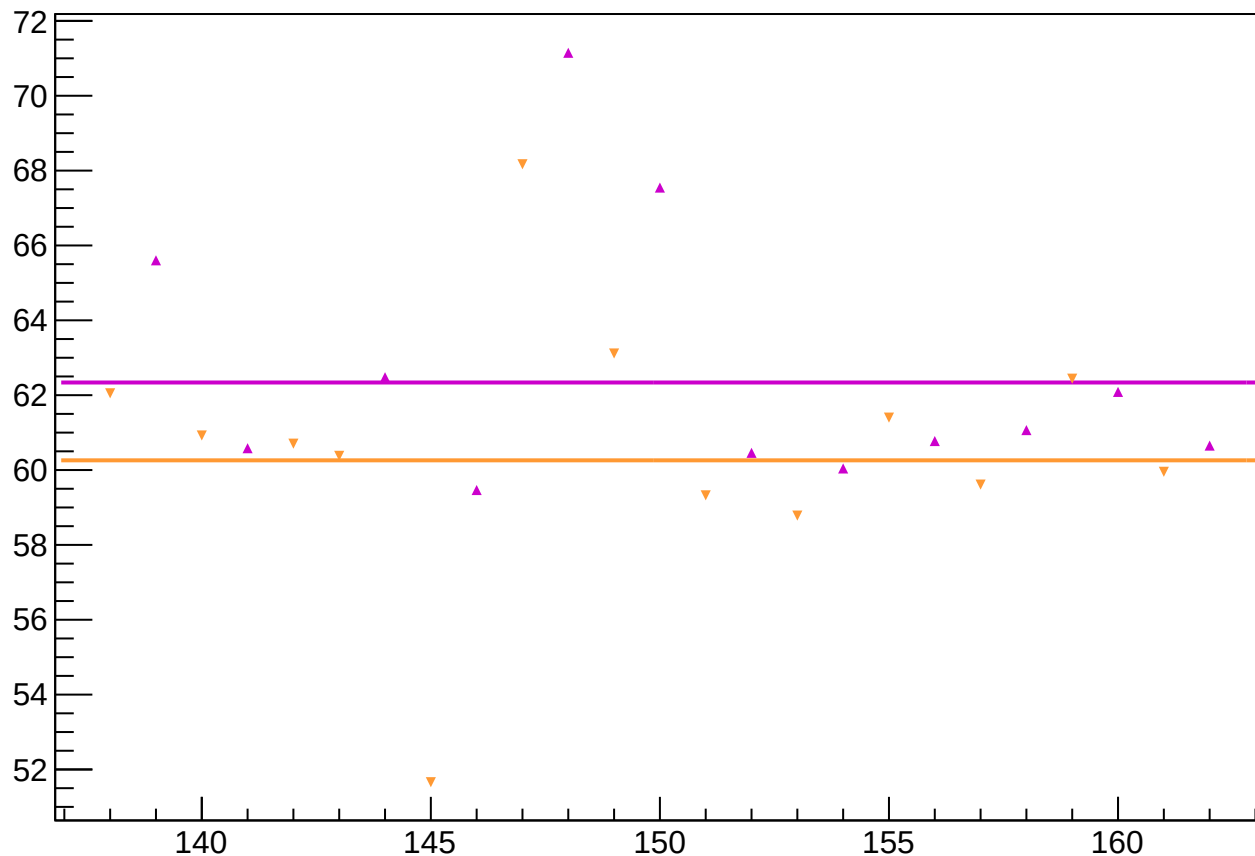
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.085+/-19.956 χ^2/NDF :6.7/11

Out: -98.266+/-19.375 χ^2/NDF :24.4/12

All: -104.001+/-13.901 χ^2/NDF : 31.2/24

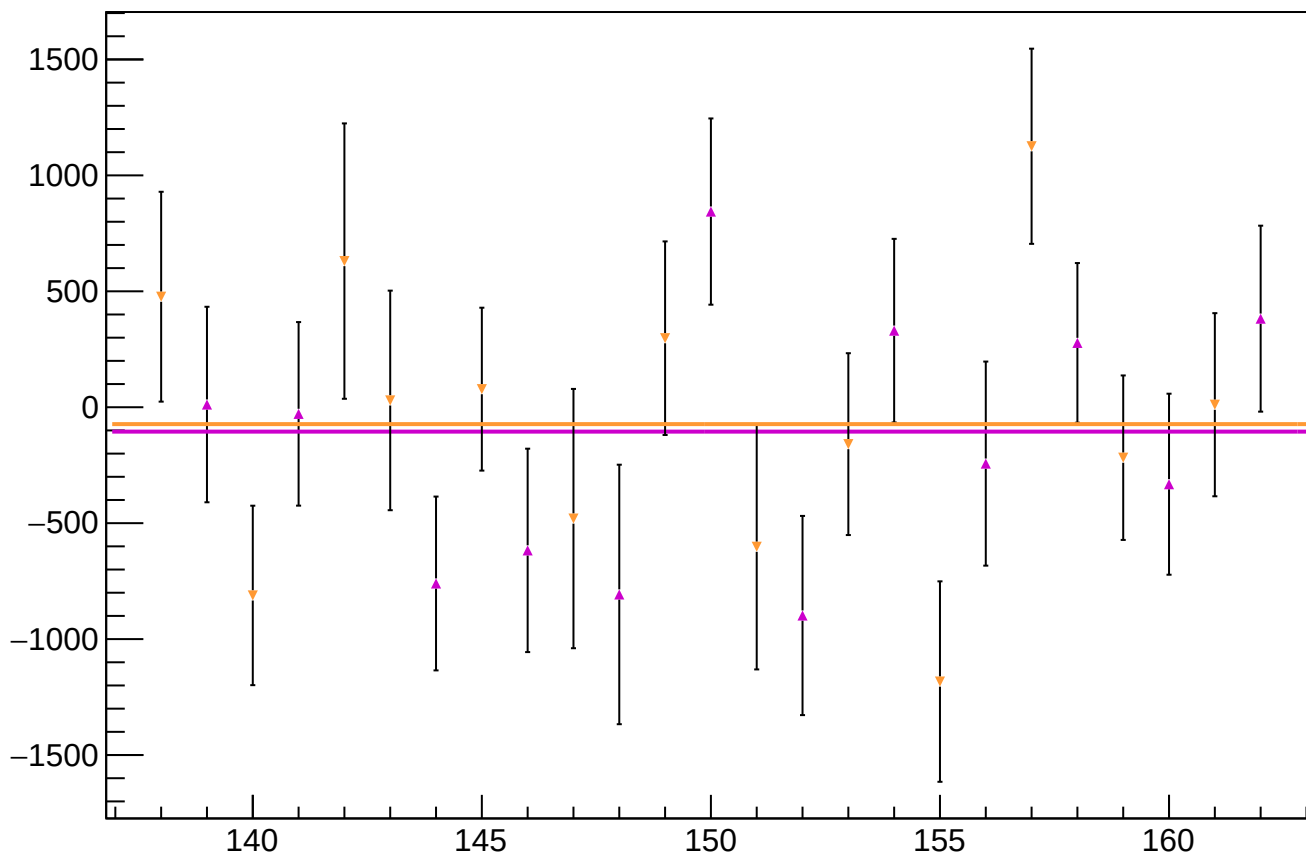
dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 60.259+/-0.014 χ^2/NDF : 71341.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 62.339+/-0.014 χ^2/NDF : 51183.8/11

Left: 61.268+/-0.010 χ^2/NDF : 133704.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.339+/-0.014 χ^2/NDF : 51183.8/11
 Out: 60.259+/-0.014 χ^2/NDF : 71341.1/12
 All: 61.268+/-0.010 χ^2/NDF : 133704.4/24

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -72.799+/-118.404 χ^2/NDF :24.0/12

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

Left In: -105.181+/-117.943 χ^2/NDF :19.5/11

Left: -89.053+/-83.561 χ^2/NDF : 43.5/24

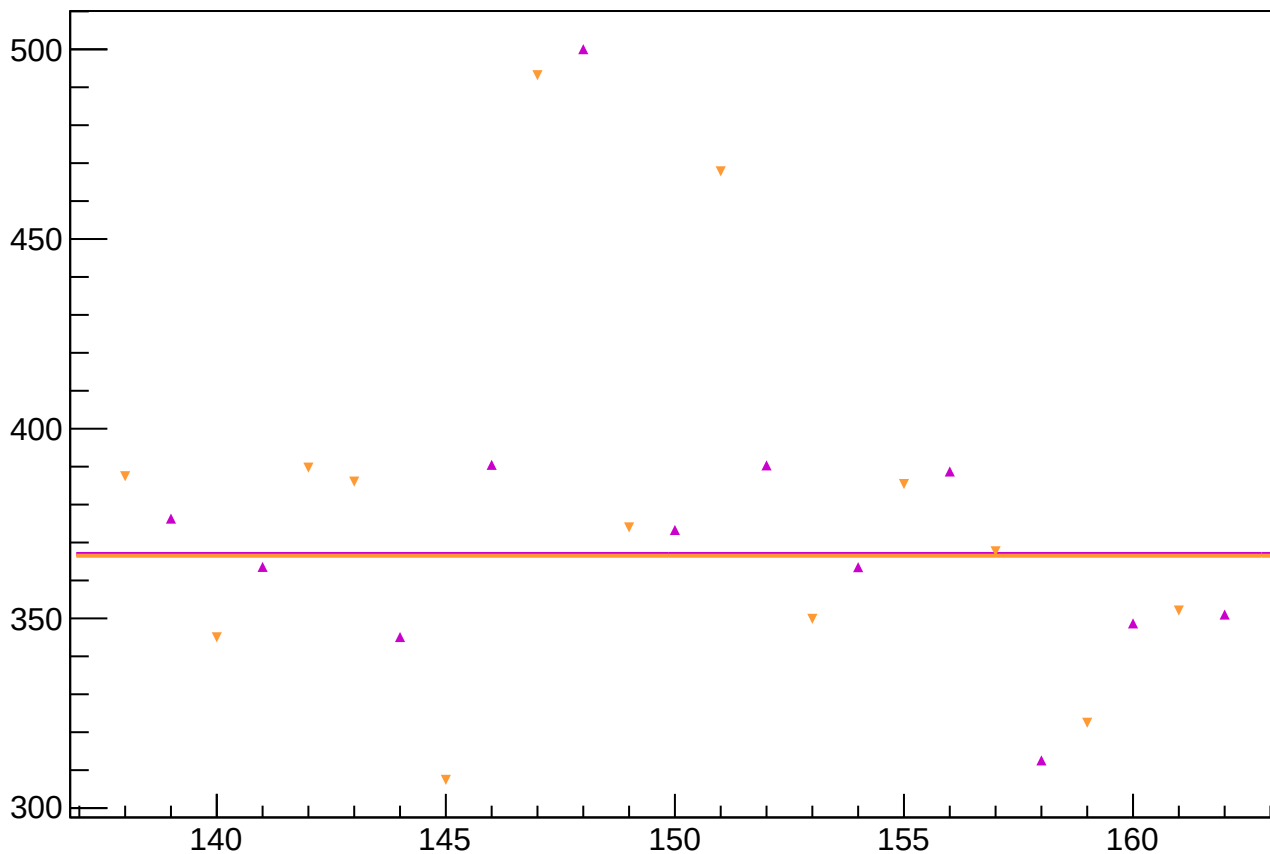
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.181+/-117.943 χ^2/NDF :19.5/11

Out: -72.799+/-118.404 χ^2/NDF :24.0/12

All: -89.053+/-83.561 χ^2/NDF : 43.5/24

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 366.514+/-0.084 χ^2/NDF :291016.7/12

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

Left In: 366.978+/-0.083 χ^2/NDF :195691.7/11

Left: 366.747+/-0.059 χ^2/NDF : 486723.7/24

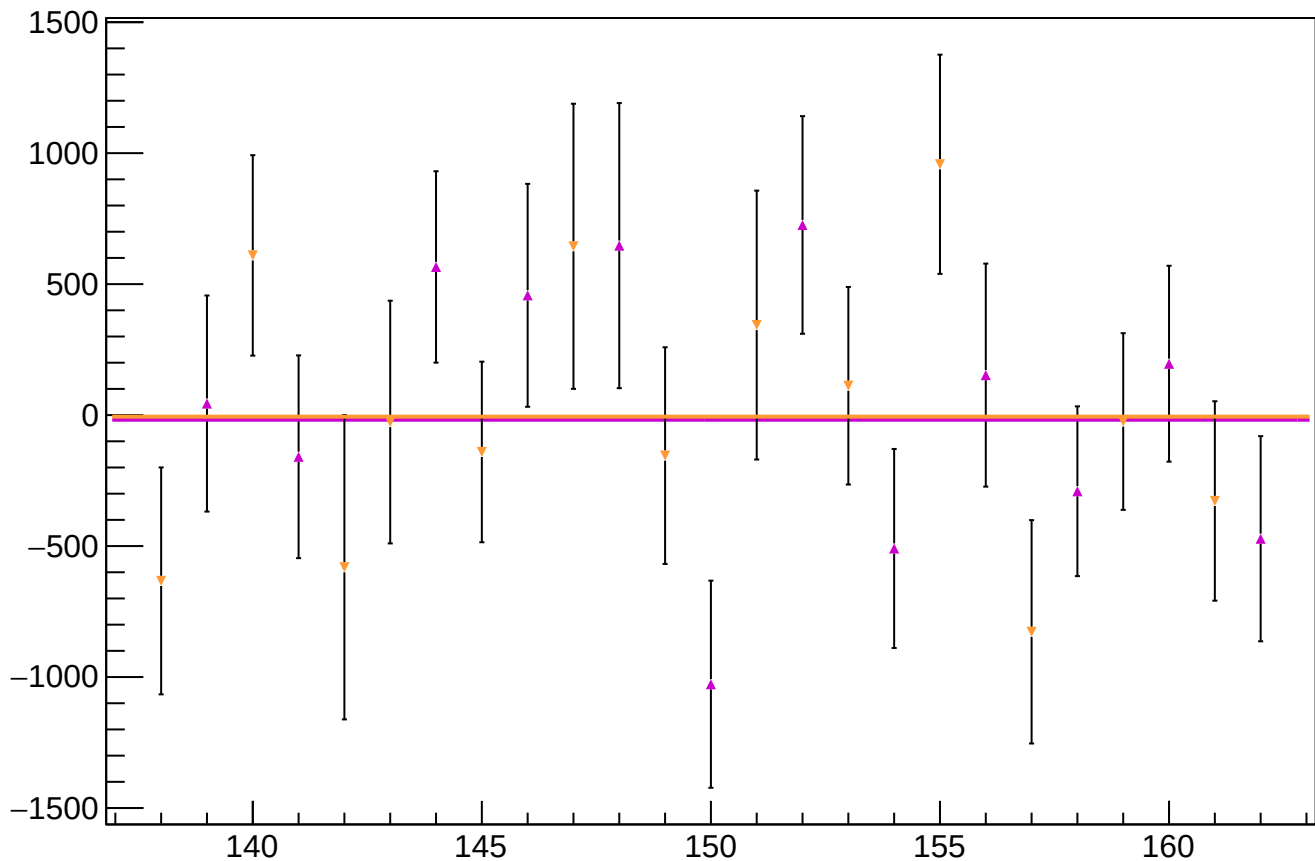
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 366.978+/-0.083 χ^2/NDF :195691.7/11

Out: 366.514+/-0.084 χ^2/NDF :291016.7/12

All: 366.747+/-0.059 χ^2/NDF : 486723.7/24

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: -5.776+/-115.352 χ^2/NDF :17.7/12

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

Left In: -17.592+/-114.129 χ^2/NDF :19.4/11

Left: -11.747+/-81.130 χ^2/NDF : 37.1/24

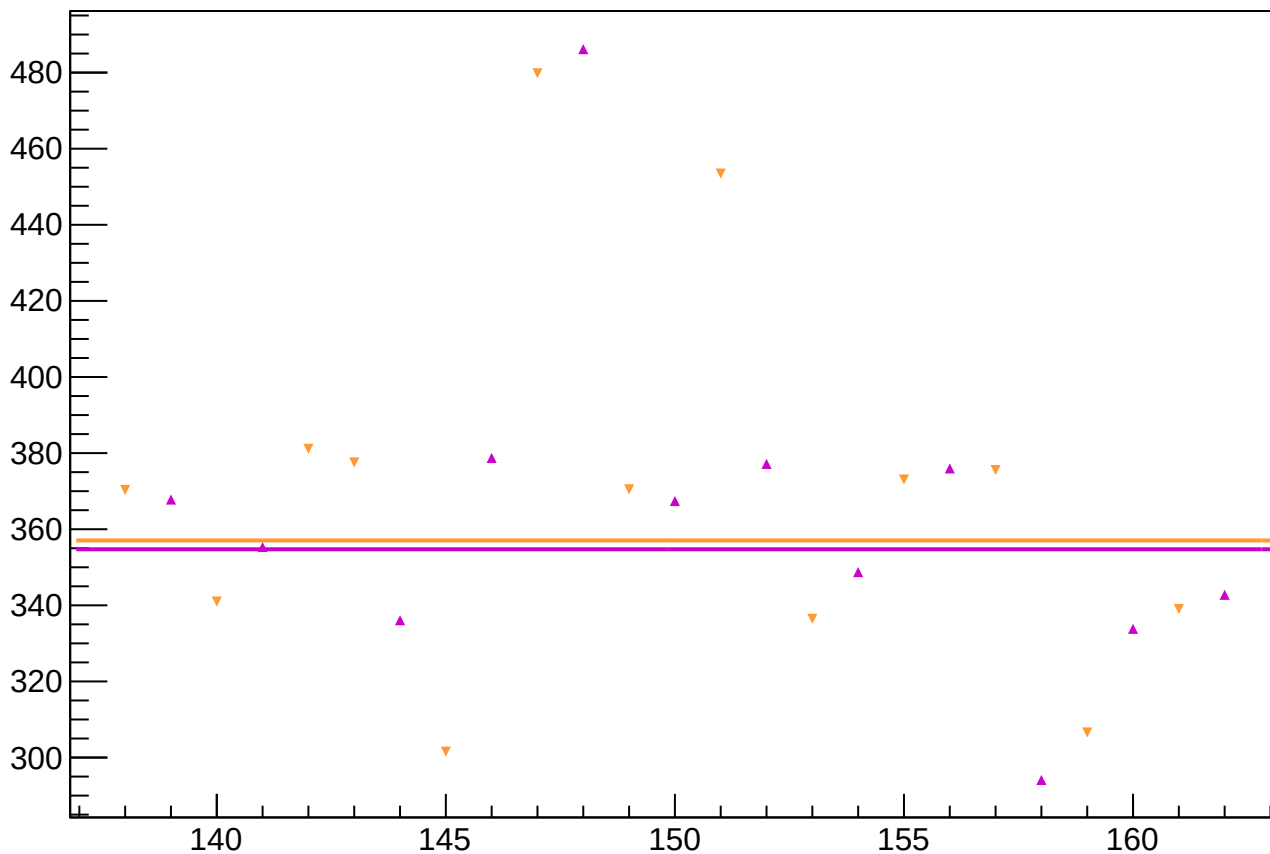
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.592+/-114.129 χ^2/NDF :19.4/11

Out: -5.776+/-115.352 χ^2/NDF :17.7/12

All: -11.747+/-81.130 χ^2/NDF : 37.1/24

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 357.052+/-0.082 χ^2/NDF :300945.4/12

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

Left In: 354.731+/-0.081 χ^2/NDF :221689.6/11

Left: 355.879+/-0.057 χ^2/NDF : 523044.3/24

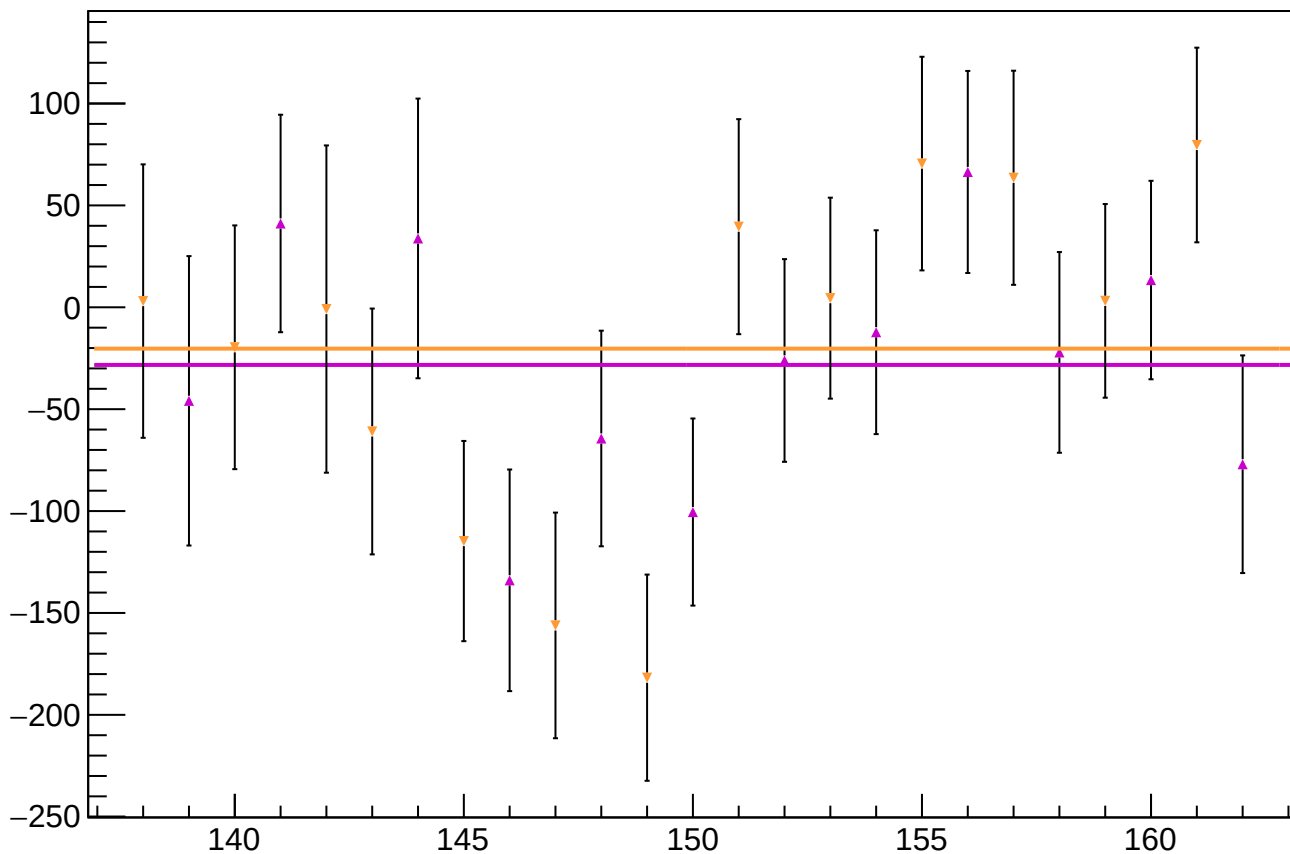
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.731+/-0.081 χ^2/NDF :221689.6/11

Out: 357.052+/-0.082 χ^2/NDF :300945.4/12

All: 355.879+/-0.057 χ^2/NDF : 523044.3/24

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -20.285 ± 15.007 $\chi^2/\text{NDF}: 32.2/12$

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

Left In: -28.283 ± 15.202 $\chi^2/\text{NDF}: 14.6/11$

Left: -24.232 ± 10.680 $\chi^2/\text{NDF}: 47.0/24$

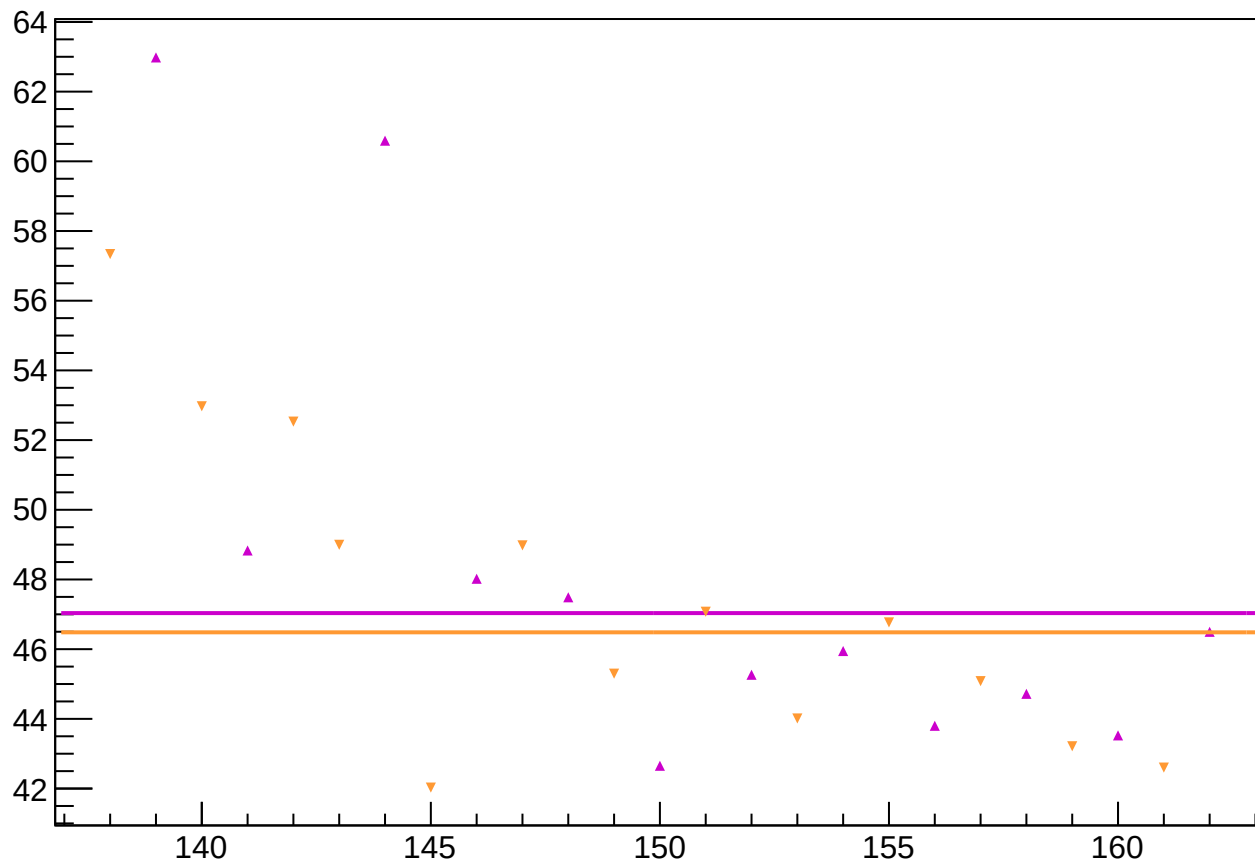
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -28.283 ± 15.202 $\chi^2/\text{NDF}: 14.6/11$

Out: -20.285 ± 15.007 $\chi^2/\text{NDF}: 32.2/12$

All: -24.232 ± 10.680 $\chi^2/\text{NDF}: 47.0/24$

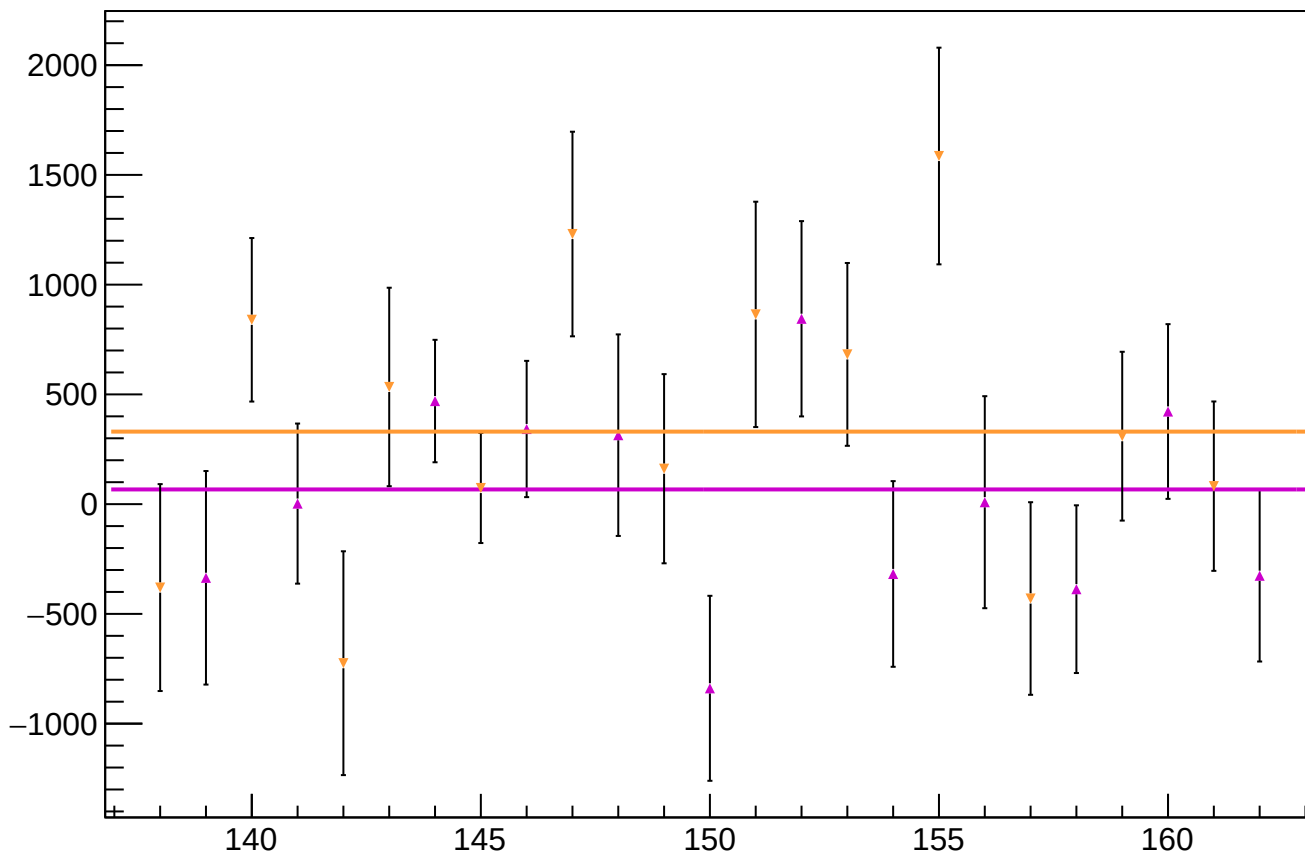
dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 46.483+/-0.011 χ^2/NDF :141728.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 47.035+/-0.011 χ^2/NDF :227180.3/11

Left: 46.756+/-0.008 χ^2/NDF : 370244.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 47.035+/-0.011 χ^2/NDF :227180.3/11
 Out: 46.483+/-0.011 χ^2/NDF :141728.6/12
 All: 46.756+/-0.008 χ^2/NDF : 370244.3/24

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 330.463+/-112.733 χ^2/NDF : 25.3/12

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

Left In: 66.986+/-111.808 χ^2/NDF : 15.6/11

Left: 197.639+/-79.385 χ^2/NDF : 43.6/24

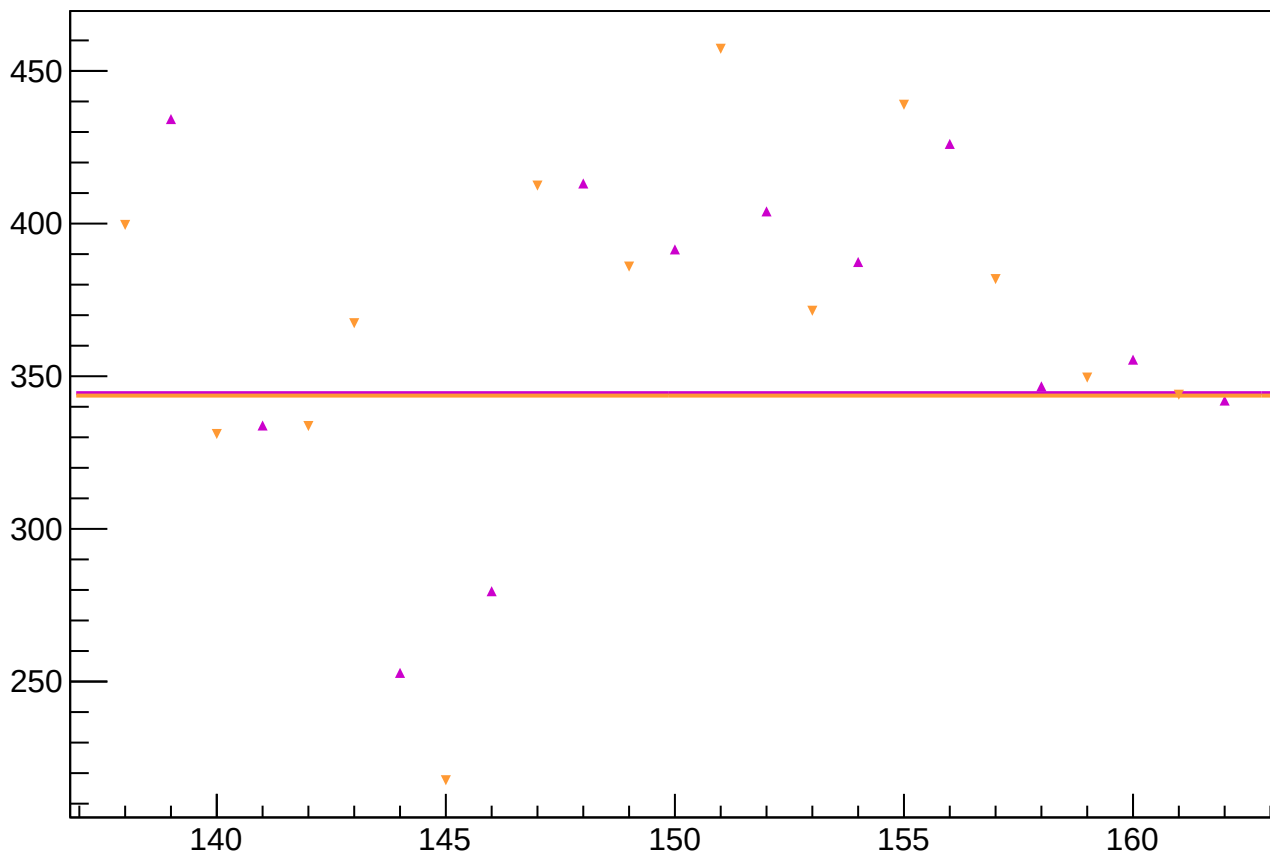
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.986+/-111.808 χ^2/NDF : 15.6/11

Out: 330.463+/-112.733 χ^2/NDF : 25.3/12

All: 197.639+/-79.385 χ^2/NDF : 43.6/24

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 343.661+/-0.080 χ^2/NDF :801557.8/12

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

Left In: 344.456+/-0.079 χ^2/NDF :557972.8/11

Left: 344.061+/-0.056 χ^2/NDF : 1359580.6/24

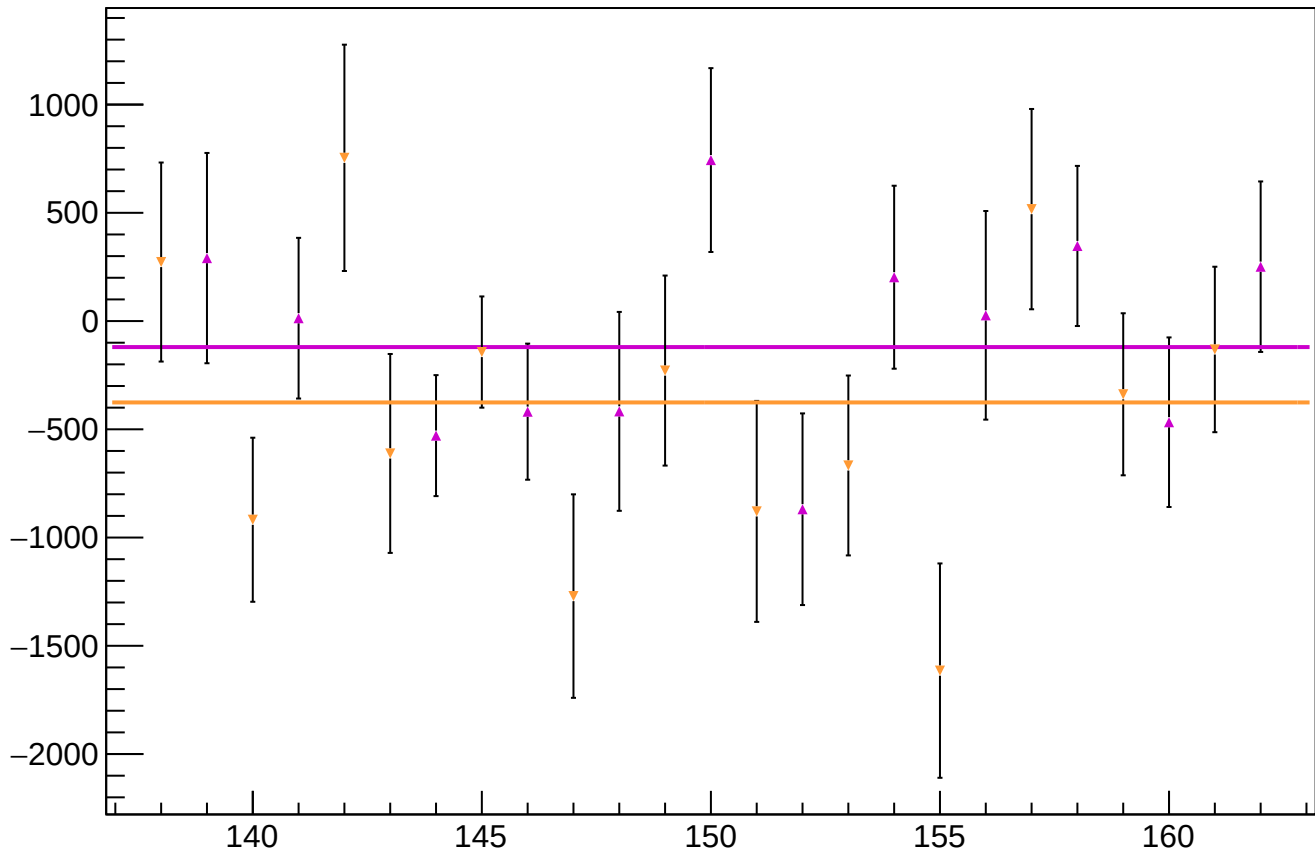
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.456+/-0.079 χ^2/NDF :557972.8/11

Out: 343.661+/-0.080 χ^2/NDF :801557.8/12

All: 344.061+/-0.056 χ^2/NDF : 1359580.6/24

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -375.892 $\pm$ 113.712 χ^2 /NDF:25.4/12

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

Left In: -120.155 $\pm$ 111.802 χ^2 /NDF:15.3/11

Left: -245.858 $\pm$ 79.722 χ^2 /NDF: 43.2/24

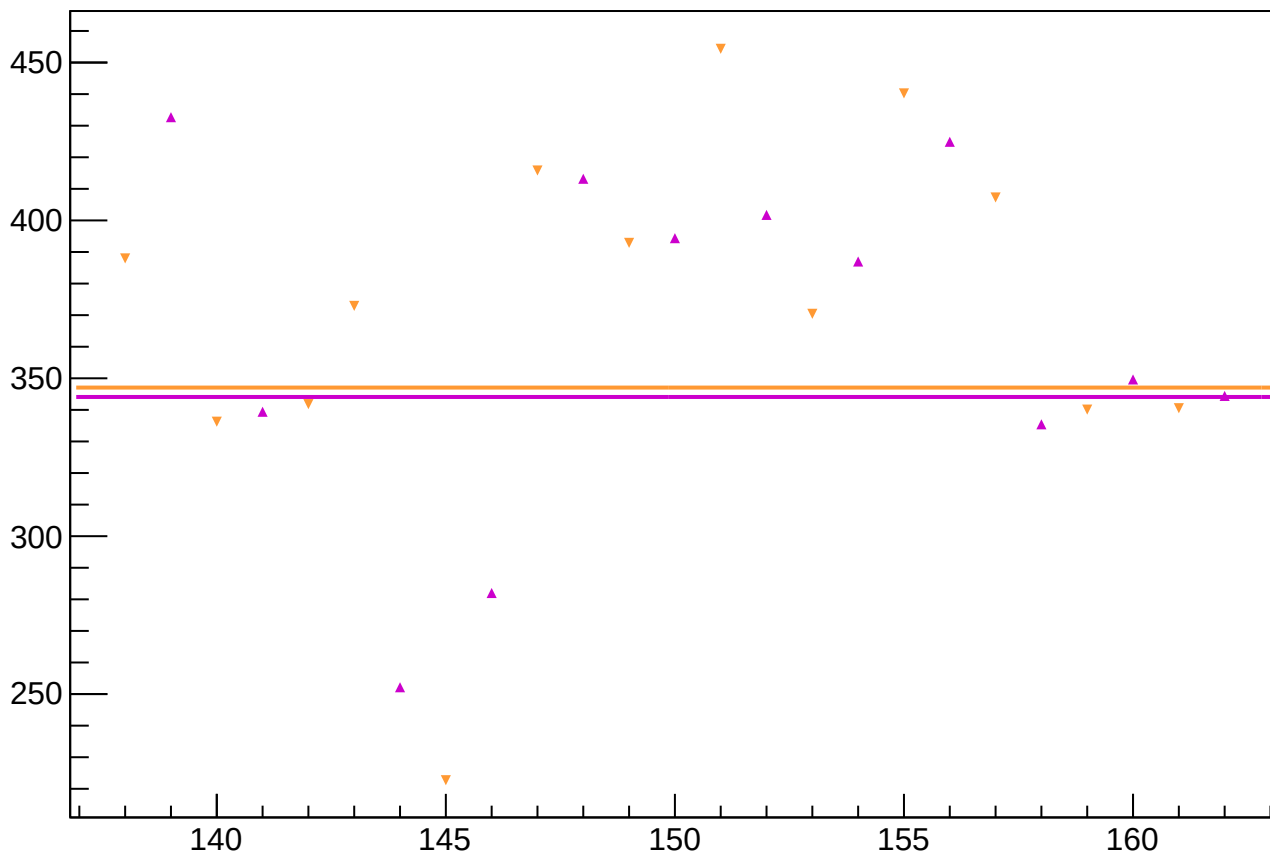
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -120.155 $\pm$ 111.802 χ^2 /NDF:15.3/11

Out: -375.892 $\pm$ 113.712 χ^2 /NDF:25.4/12

All: -245.858 $\pm$ 79.722 χ^2 /NDF: 43.2/24

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 347.066+/-0.080 χ^2/NDF : 757963.3/12

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

Left In: 344.089+/-0.079 χ^2/NDF : 546995.5/11

Left: 345.552+/-0.056 χ^2/NDF : 1305656.0/24

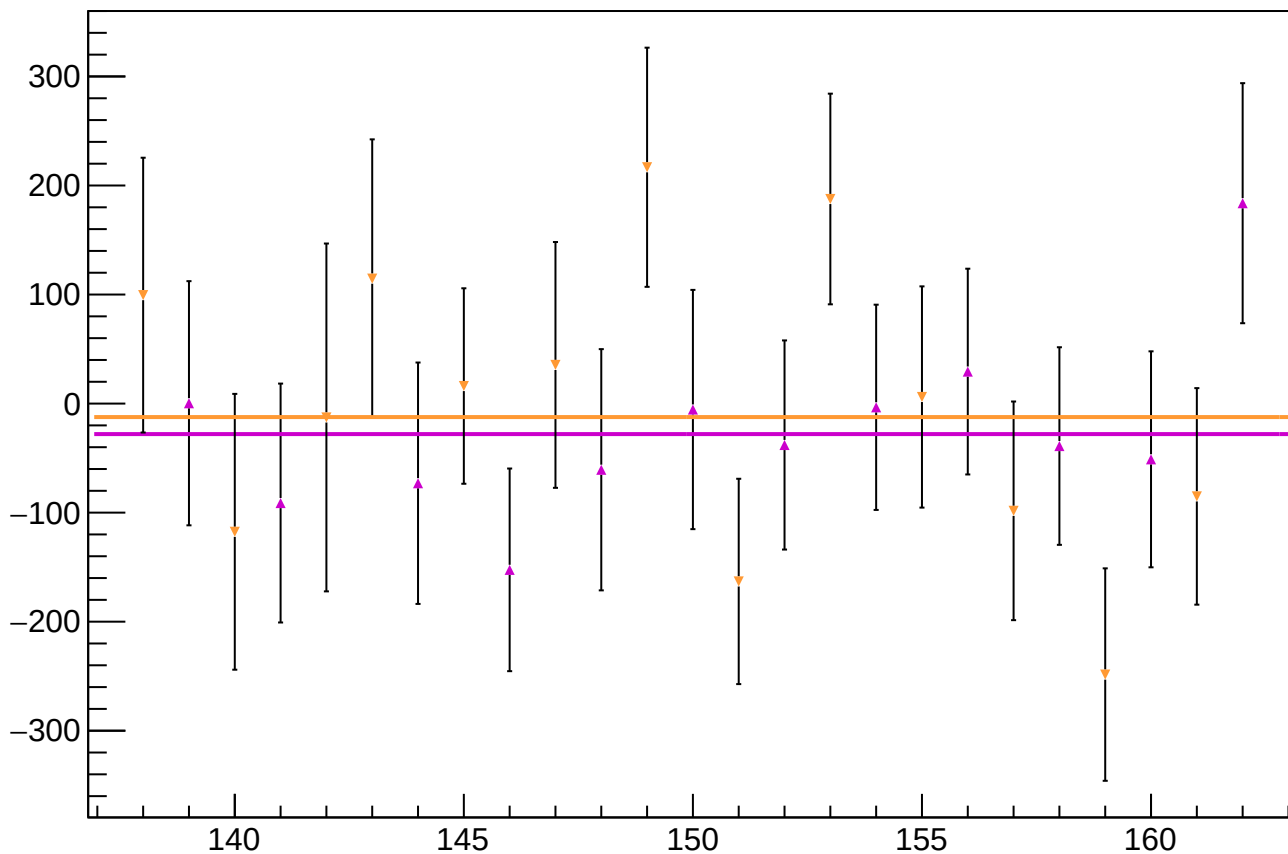
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.089+/-0.079 χ^2/NDF : 546995.5/11

Out: 347.066+/-0.080 χ^2/NDF : 757963.3/12

All: 345.552+/-0.056 χ^2/NDF : 1305656.0/24

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: -12.372 $\pm$ 29.671 χ^2 /NDF:21.1/12

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

Left In: -27.977 $\pm$ 29.290 χ^2 /NDF:6.7/11

Left: -20.275 $\pm$ 20.844 χ^2 /NDF: 28.0/24

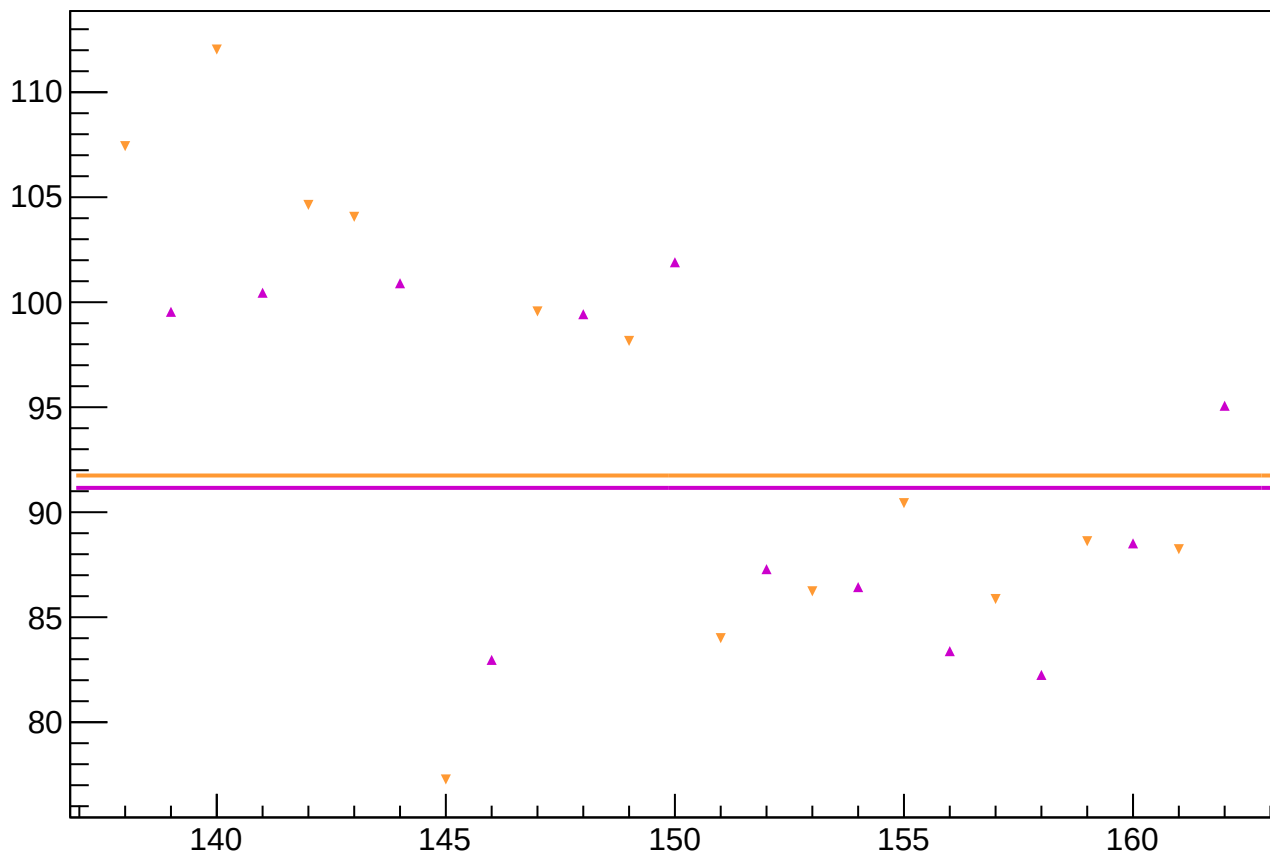
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.977 $\pm$ 29.290 χ^2 /NDF:6.7/11

Out: -12.372 $\pm$ 29.671 χ^2 /NDF:21.1/12

All: -20.275 $\pm$ 20.844 χ^2 /NDF: 28.0/24

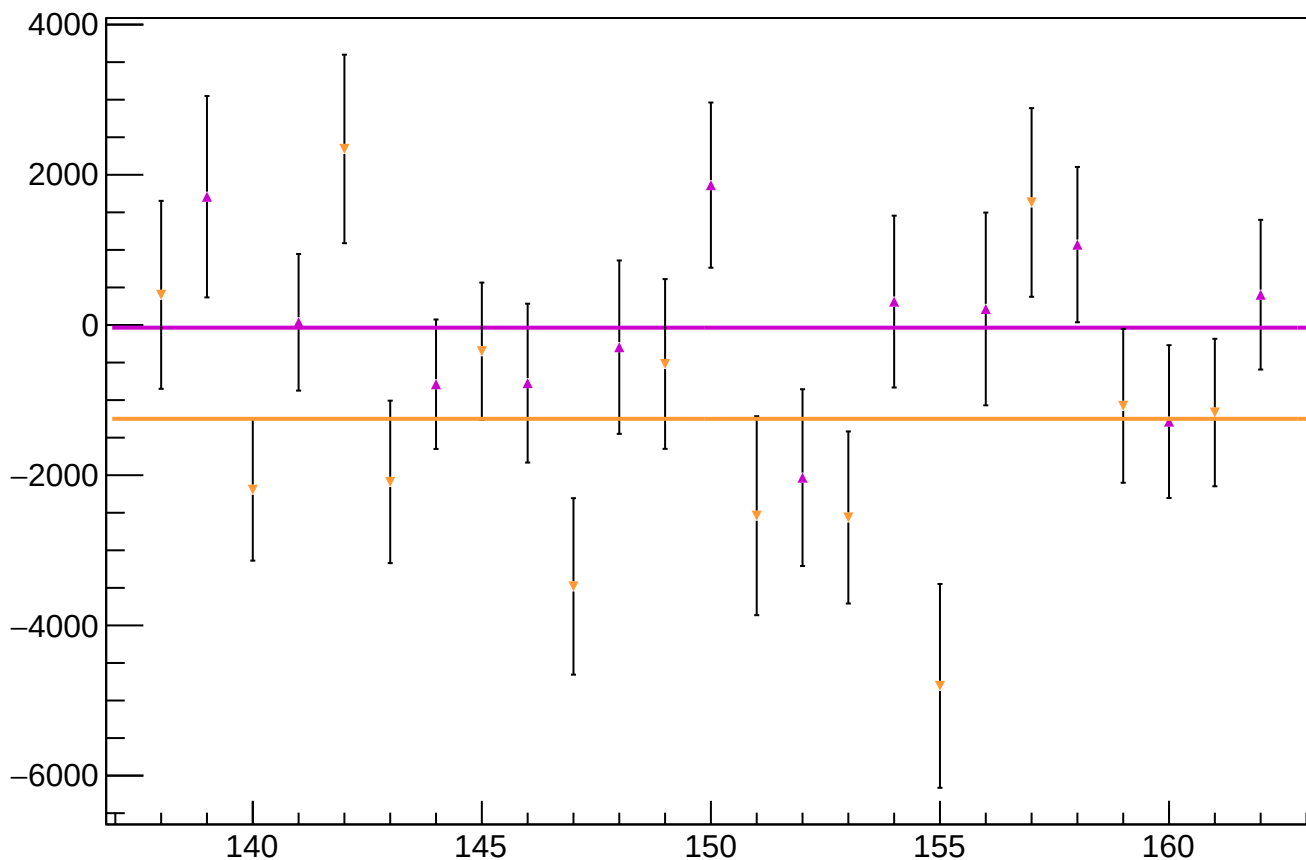
dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 91.748 $\pm$ 0.021 χ^2/NDF :214526.2/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 91.159 $\pm$ 0.021 χ^2/NDF :132171.5/11

Left: 91.450 $\pm$ 0.015 χ^2/NDF : 347097.5/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 91.159 $\pm$ 0.021 χ^2/NDF :132171.5/11
 Out: 91.748 $\pm$ 0.021 χ^2/NDF :214526.2/12
 All: 91.450 $\pm$ 0.015 χ^2/NDF : 347097.5/24

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1249.157 ± 309.331 $\chi^2/\text{NDF}: 31.0/12$

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

Left In: -35.395 ± 307.394 $\chi^2/\text{NDF}: 11.8/11$

Left: -638.463 ± 218.042 $\chi^2/\text{NDF}: 50.5/24$

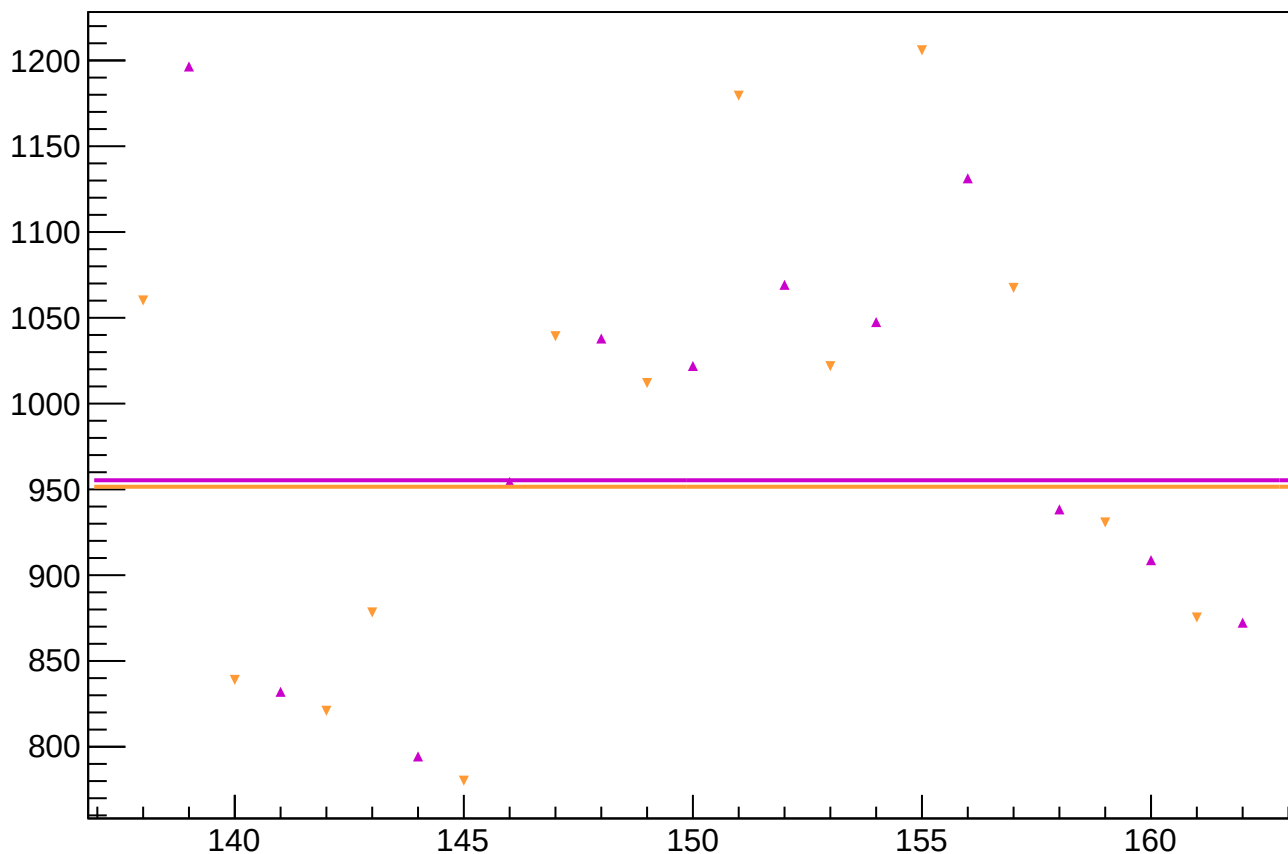
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -35.395 ± 307.394 $\chi^2/\text{NDF}: 11.8/11$

Out: -1249.157 ± 309.331 $\chi^2/\text{NDF}: 31.0/12$

All: -638.463 ± 218.042 $\chi^2/\text{NDF}: 50.5/24$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 951.529+/-0.219 χ^2/NDF :328257.4/12

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

Left In: 955.322+/-0.217 χ^2/NDF :276723.6/11

Left: 953.437+/-0.154 χ^2/NDF : 605132.2/24

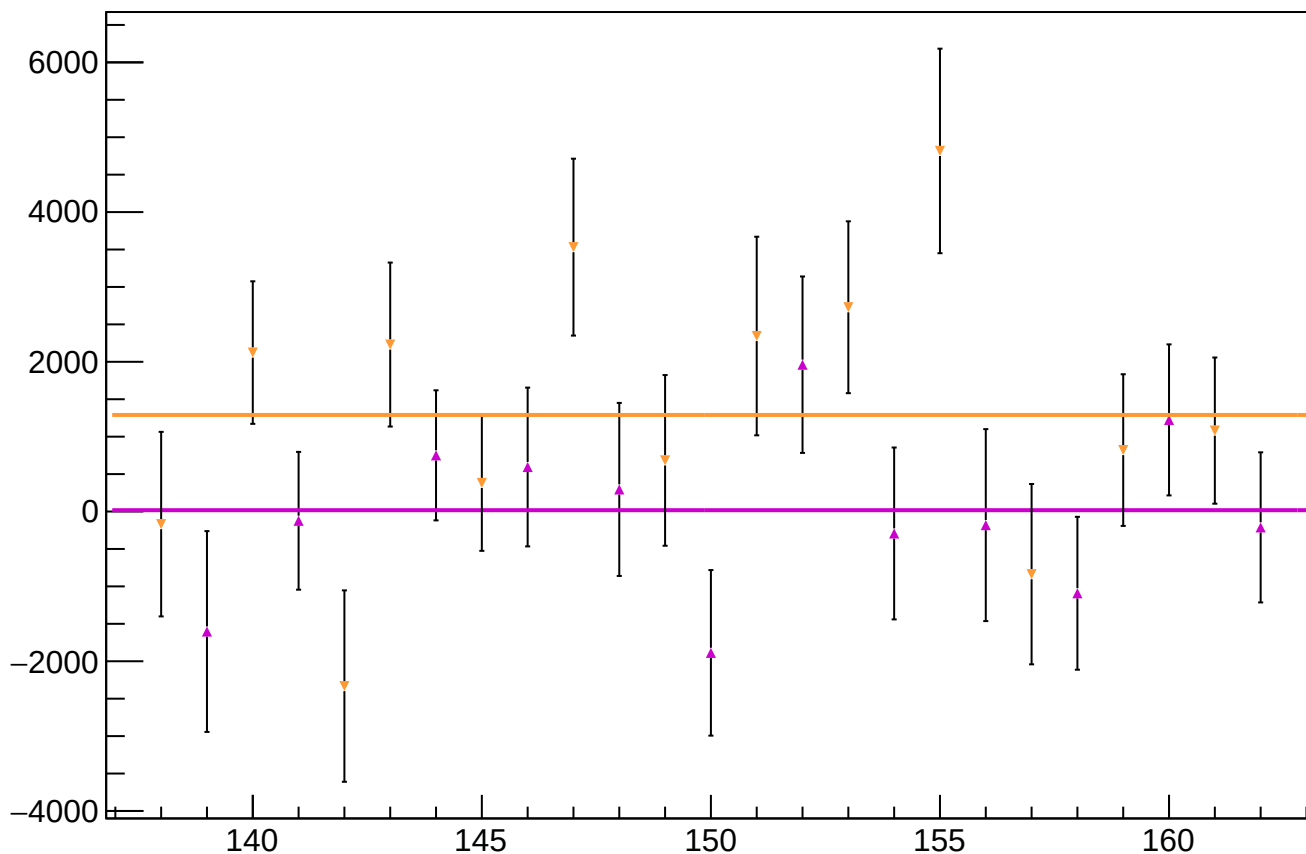
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 955.322+/-0.217 χ^2/NDF :276723.6/11

Out: 951.529+/-0.219 χ^2/NDF :328257.4/12

All: 953.437+/-0.154 χ^2/NDF : 605132.2/24

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 1290.045+/-308.839 χ^2/NDF :28.1/12

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

Left In: 17.907+/-308.028 χ^2/NDF :11.0/11

Left: 652.304+/-218.095 χ^2/NDF : 47.6/24

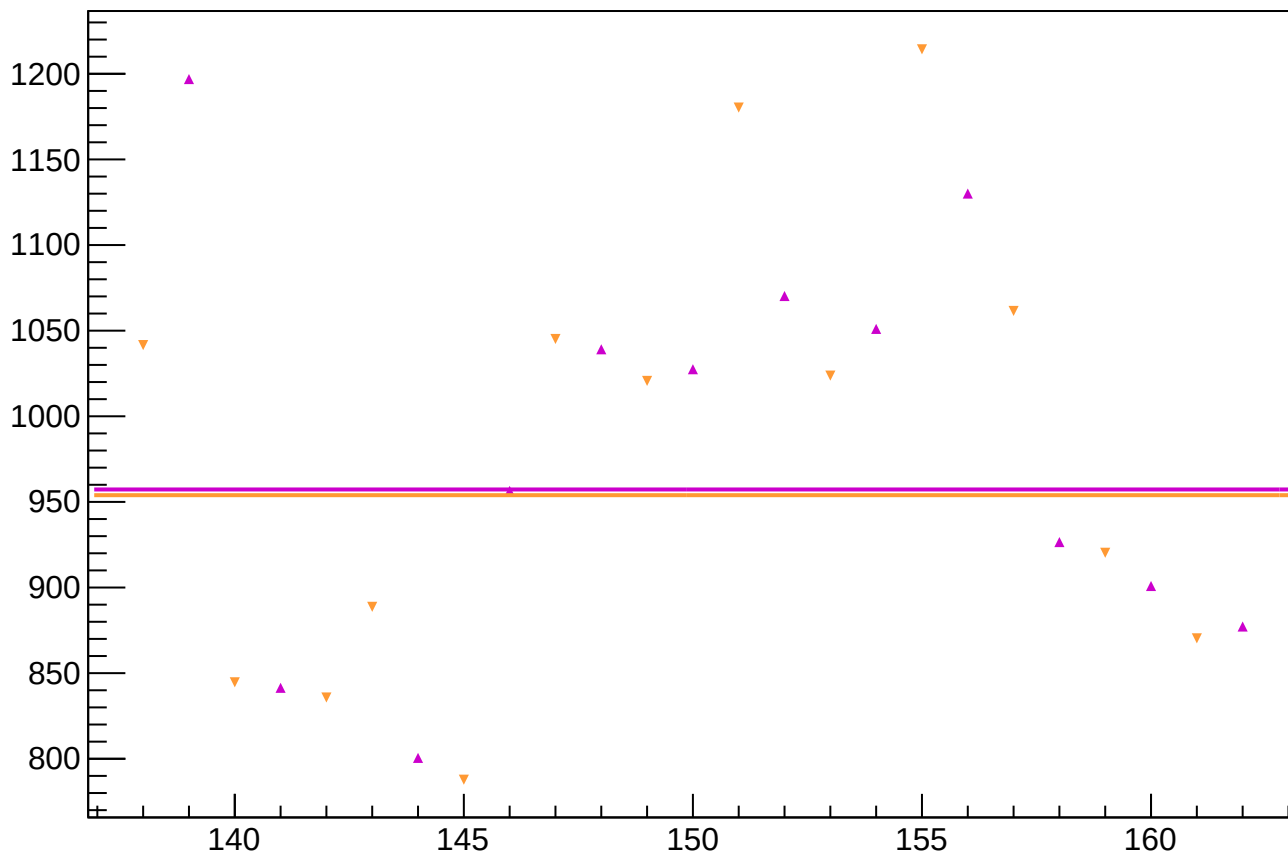
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.907+/-308.028 χ^2/NDF :11.0/11

Out: 1290.045+/-308.839 χ^2/NDF :28.1/12

All: 652.304+/-218.095 χ^2/NDF : 47.6/24

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 953.927+/-0.218 χ^2/NDF :317630.0/12

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

Left In: 957.265+/-0.218 χ^2/NDF :267548.4/11

Left: 955.601+/-0.154 χ^2/NDF : 585295.6/24

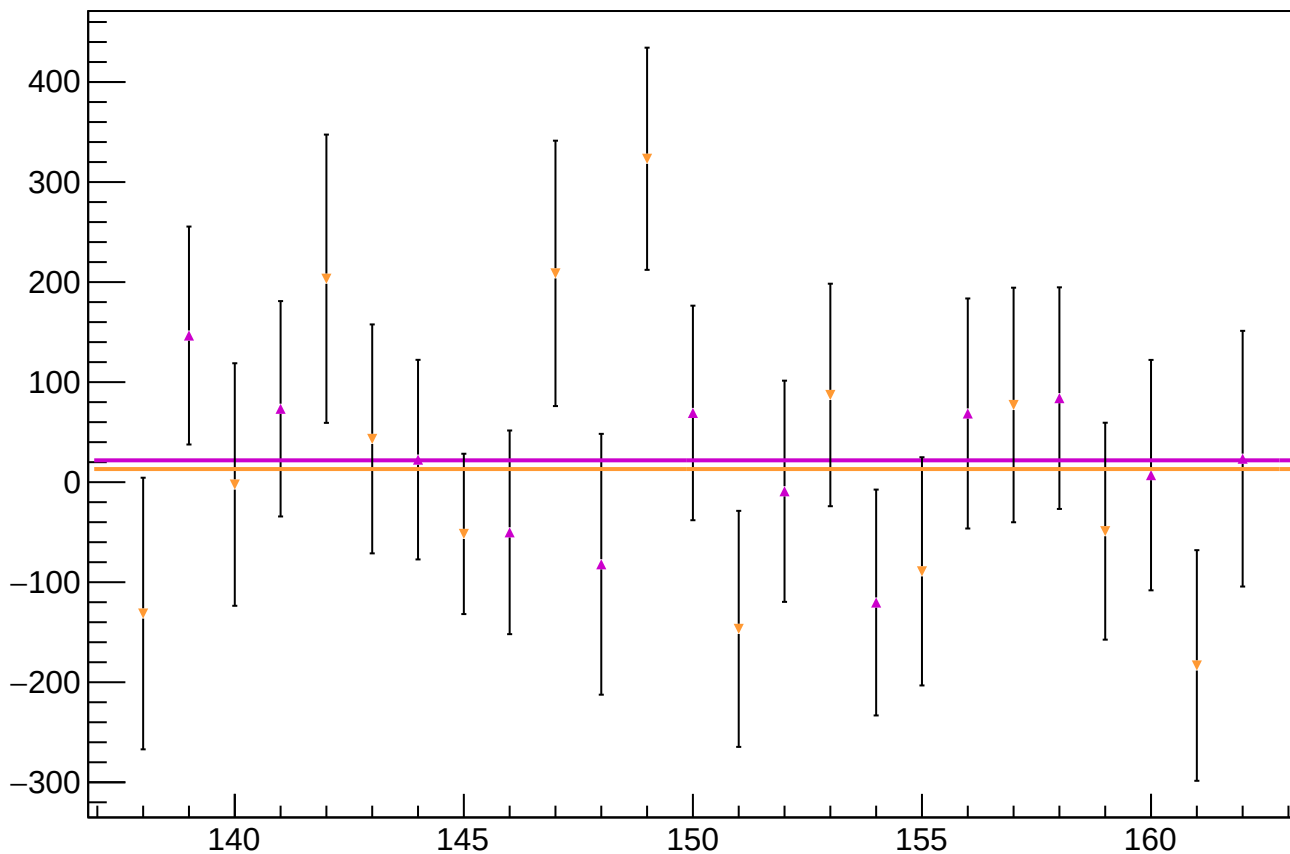
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 957.265+/-0.218 χ^2/NDF :267548.4/11

Out: 953.927+/-0.218 χ^2/NDF :317630.0/12

All: 955.601+/-0.154 χ^2/NDF : 585295.6/24

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 13.118 $\pm$ 31.574 χ^2 /NDF:20.2/12

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

Left In: 21.841 $\pm$ 32.152 χ^2 /NDF:5.0/11

Left: 17.401 $\pm$ 22.528 χ^2 /NDF: 25.3/24

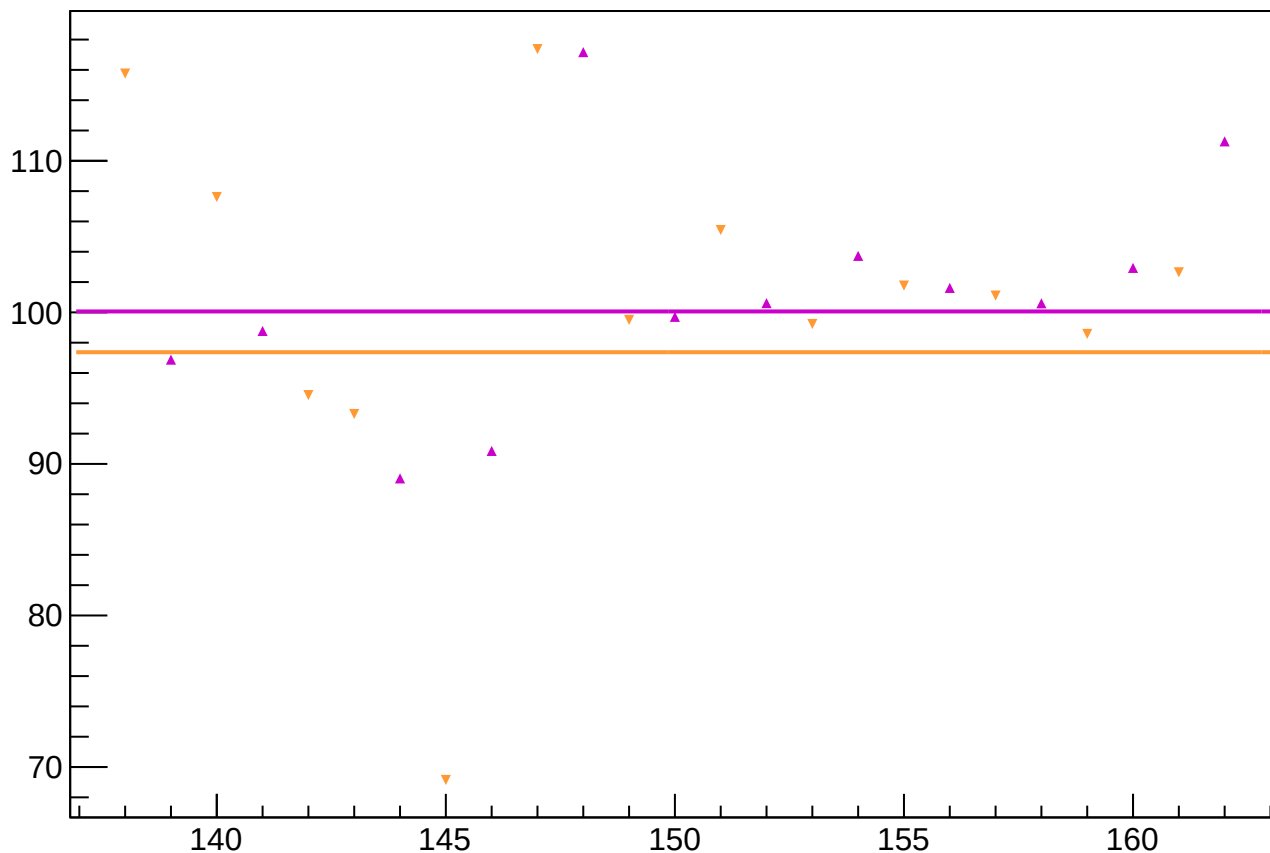
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 21.841 $\pm$ 32.152 χ^2 /NDF:5.0/11

Out: 13.118 $\pm$ 31.574 χ^2 /NDF:20.2/12

All: 17.401 $\pm$ 22.528 χ^2 /NDF: 25.3/24

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 97.371 $\pm$ 0.022 χ^2/NDF :367926.6/12

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

Left In: 100.061 $\pm$ 0.023 χ^2/NDF :96443.0/11

Left: 98.692 $\pm$ 0.016 χ^2/NDF : 471493.3/24

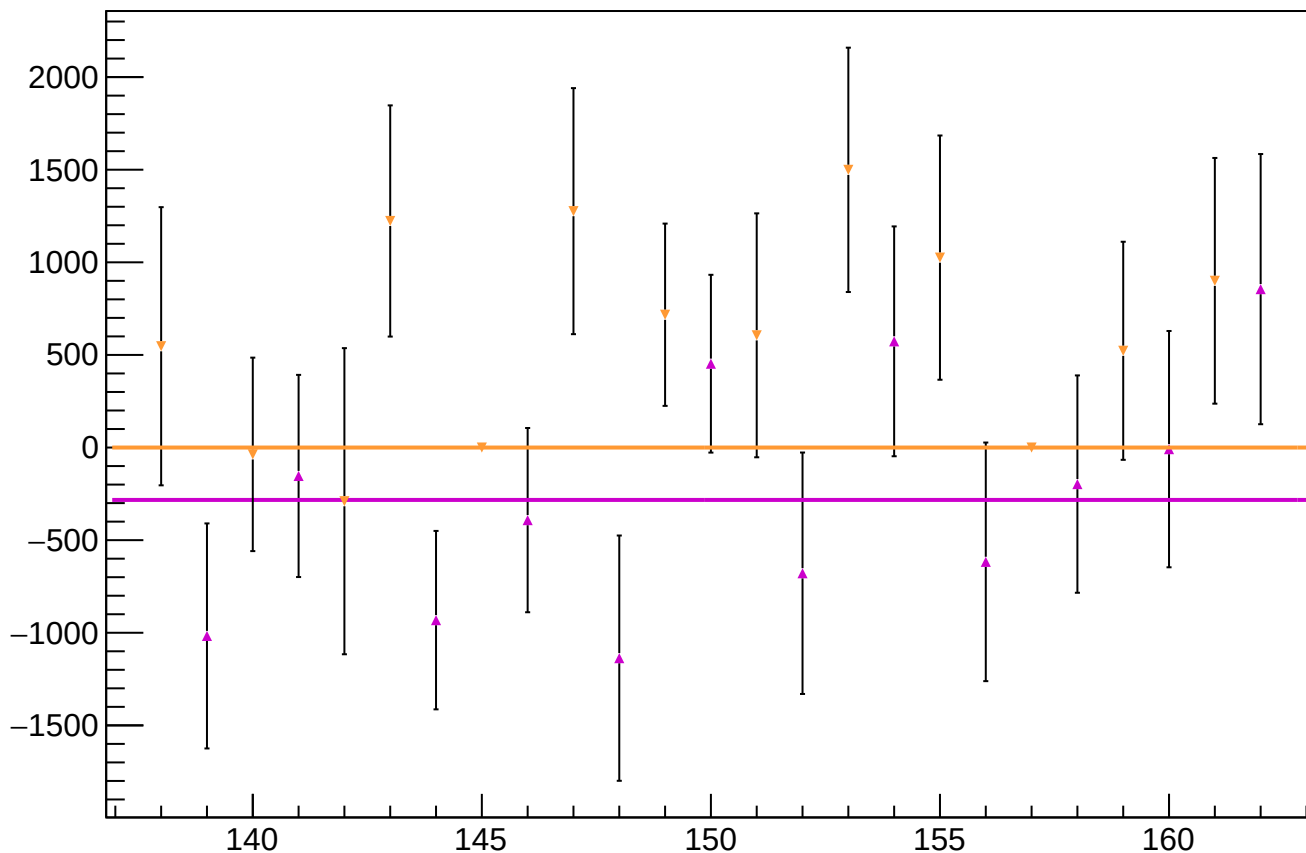
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 100.061 $\pm$ 0.023 χ^2/NDF :96443.0/11

Out: 97.371 $\pm$ 0.022 χ^2/NDF :367926.6/12

All: 98.692 $\pm$ 0.016 χ^2/NDF : 471493.3/24

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -0.000+/-0.000 χ^2/NDF : 21.7/12

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

Left In: -282.843+/-167.488 χ^2/NDF : 12.6/11

Left: -0.000+/-0.000 χ^2/NDF : 37.1/24

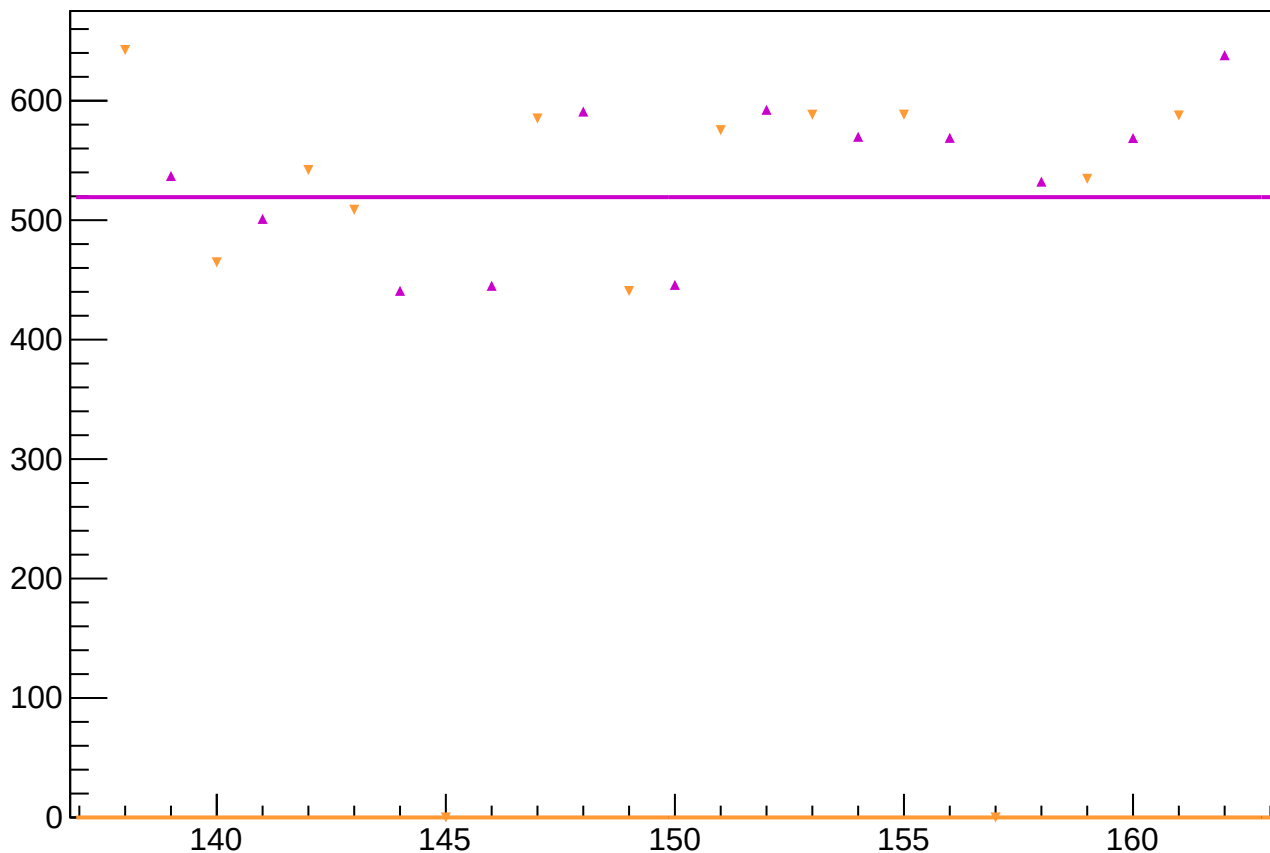
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.843+/-167.488 χ^2/NDF : 12.6/11

Out: -0.000+/-0.000 χ^2/NDF : 21.7/12

All: -0.000+/-0.000 χ^2/NDF : 37.1/24

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF :16322394.7/12

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

Left In: 519.285+/-0.118 χ^2/NDF :288152.1/11

Left: 0.000+/-0.000 χ^2/NDF : 35835971.8/24

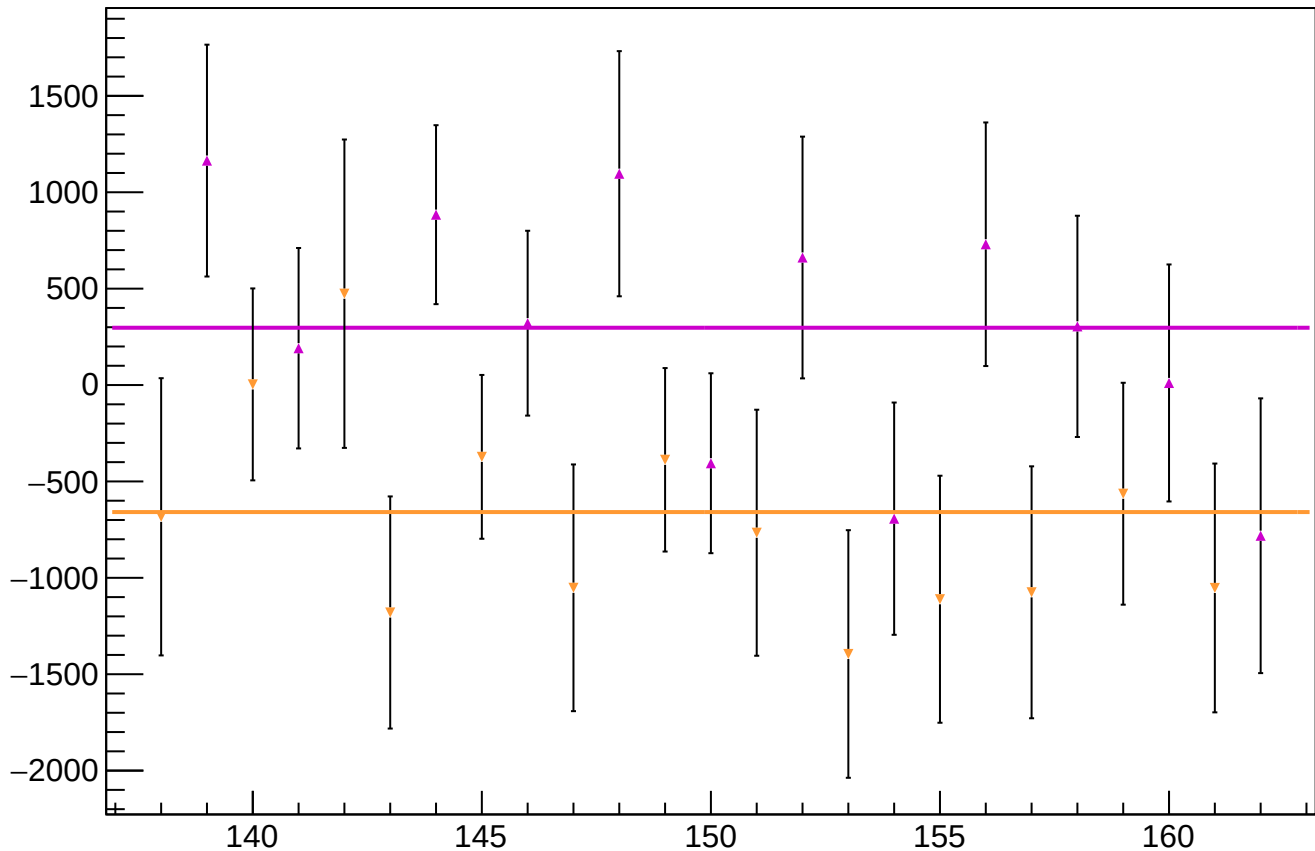
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 519.285+/-0.118 χ^2/NDF :288152.1/11

Out: 0.000+/-0.000 χ^2/NDF :16322394.7/12

All: 0.000+/-0.000 χ^2/NDF : 35835971.8/24

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -658.902+/-162.715 χ^2/NDF : 8.3/12

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

Left In: 297.220+/-162.261 χ^2/NDF : 13.6/11

Left: -179.506+/-114.896 χ^2/NDF : 39.2/24

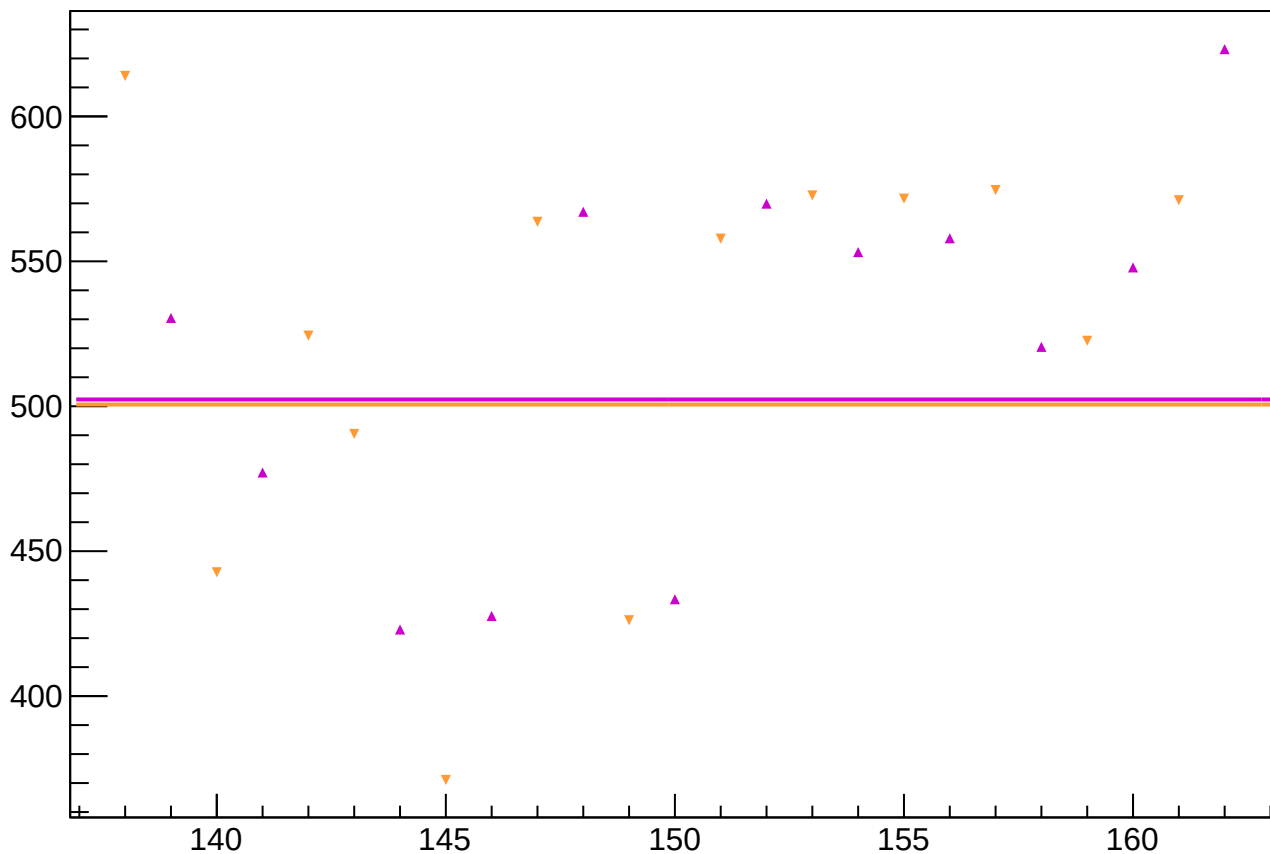
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 297.220+/-162.261 χ^2/NDF : 13.6/11

Out: -658.902+/-162.715 χ^2/NDF : 8.3/12

All: -179.506+/-114.896 χ^2/NDF : 39.2/24

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 500.598+/-0.115 χ^2/NDF : 451599.8/12

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

Left In: 502.342+/-0.115 χ^2/NDF : 303950.9/11

Left: 501.473+/-0.081 χ^2/NDF : 755665.9/24

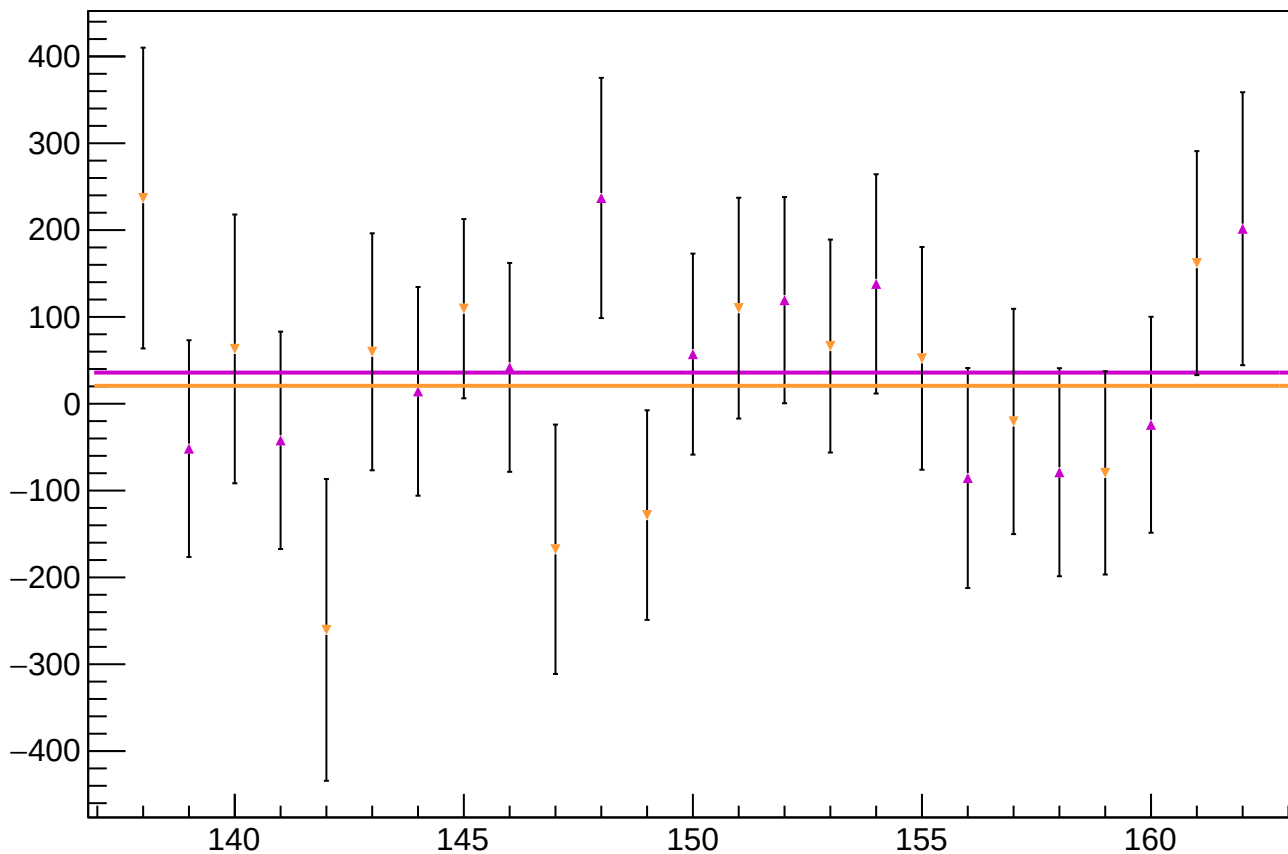
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 502.342+/-0.115 χ^2/NDF : 303950.9/11

Out: 500.598+/-0.115 χ^2/NDF : 451599.8/12

All: 501.473+/-0.081 χ^2/NDF : 755665.9/24

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 20.666 $\pm$ 36.405 χ^2 /NDF:11.0/12

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

Left In: 35.892 $\pm$ 36.176 χ^2 /NDF:7.4/11

Left: 28.327 $\pm$ 25.661 χ^2 /NDF: 18.5/24

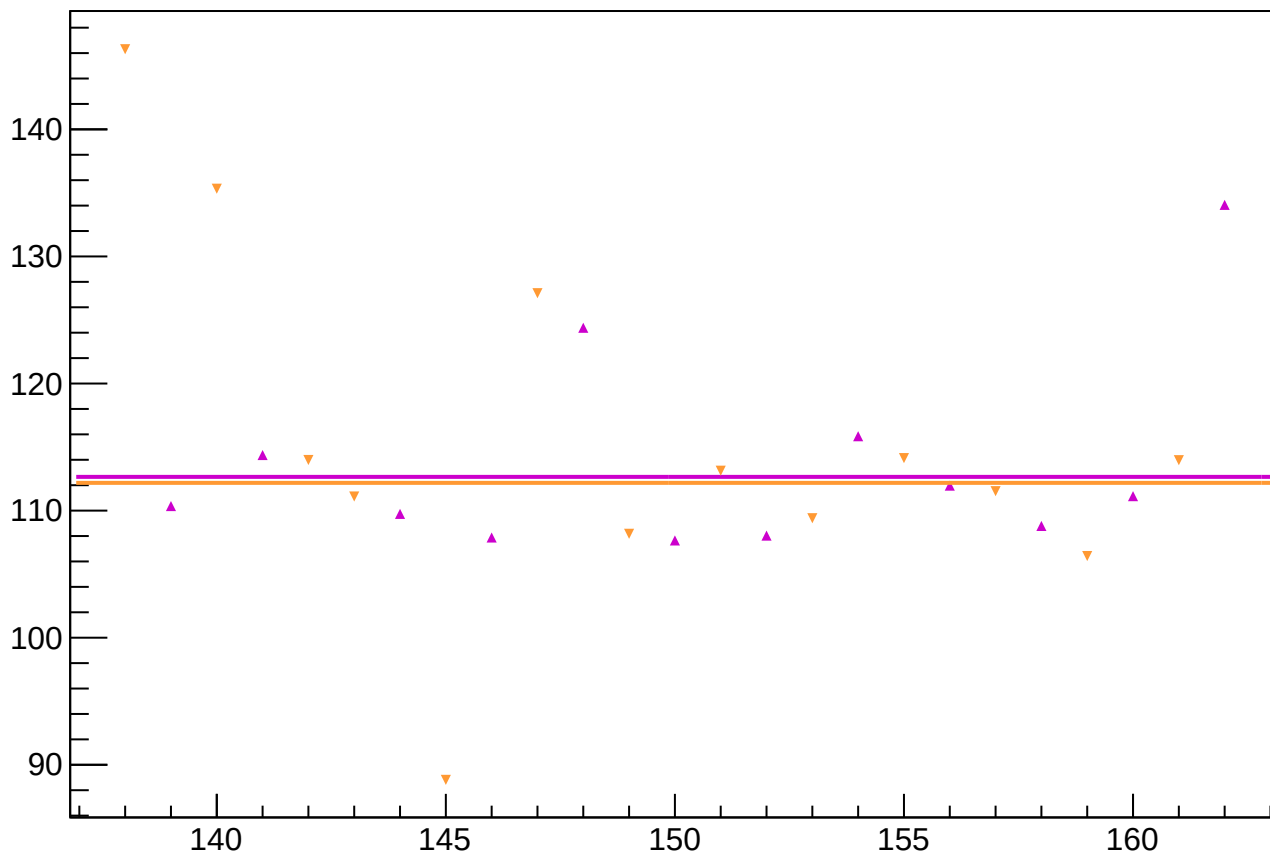
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 35.892 $\pm$ 36.176 χ^2 /NDF:7.4/11

Out: 20.666 $\pm$ 36.405 χ^2 /NDF:11.0/12

All: 28.327 $\pm$ 25.661 χ^2 /NDF: 18.5/24

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.184+/-0.026 χ^2/NDF :255896.7/12

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

Left In: 112.656+/-0.026 χ^2/NDF :67341.9/11

Left: 112.422+/-0.018 χ^2/NDF : 323407.2/24

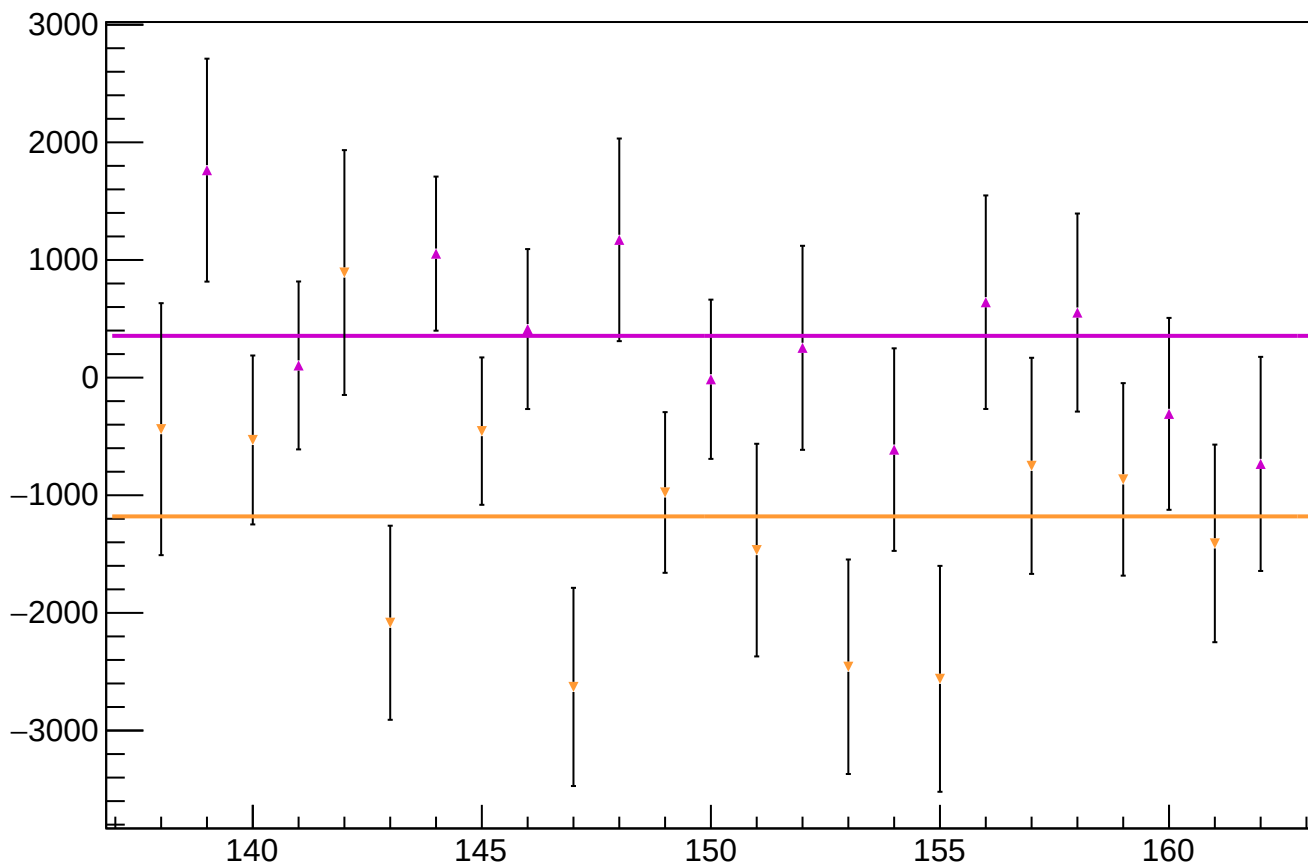
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 112.656+/-0.026 χ^2/NDF :67341.9/11

Out: 112.184+/-0.026 χ^2/NDF :255896.7/12

All: 112.422+/-0.018 χ^2/NDF : 323407.2/24

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1179.720+/-229.942 χ^2/NDF :15.4/12

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

Left In: 354.989+/-228.715 χ^2/NDF :8.2/11

Left: -408.261+/-162.158 χ^2/NDF : 46.0/24

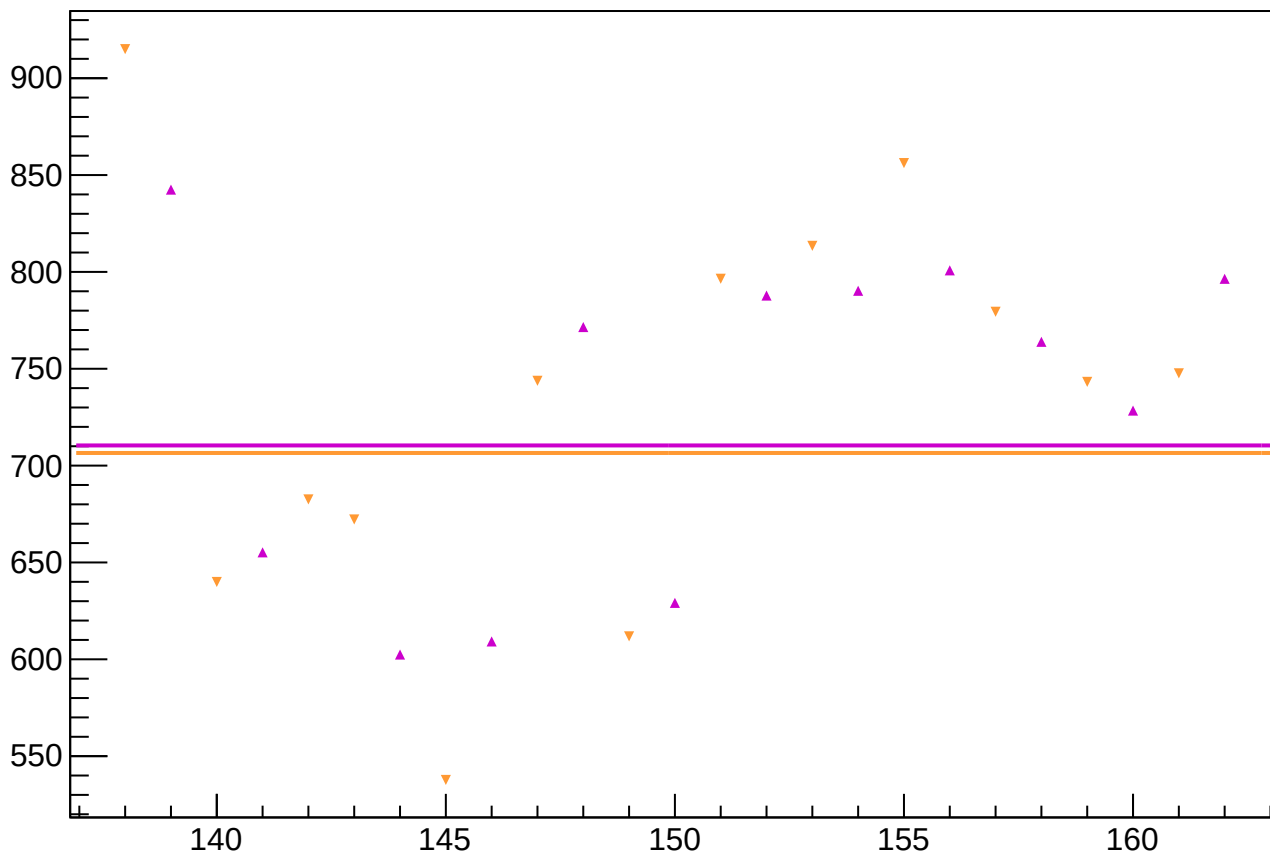
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.989+/-228.715 χ^2/NDF :8.2/11

Out: -1179.720+/-229.942 χ^2/NDF :15.4/12

All: -408.261+/-162.158 χ^2/NDF : 46.0/24

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 706.523+/-0.163 χ^2/NDF :402382.6/12

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

Left In: 710.410+/-0.162 χ^2/NDF :268246.2/11

Left: 708.477+/-0.115 χ^2/NDF : 670916.2/24

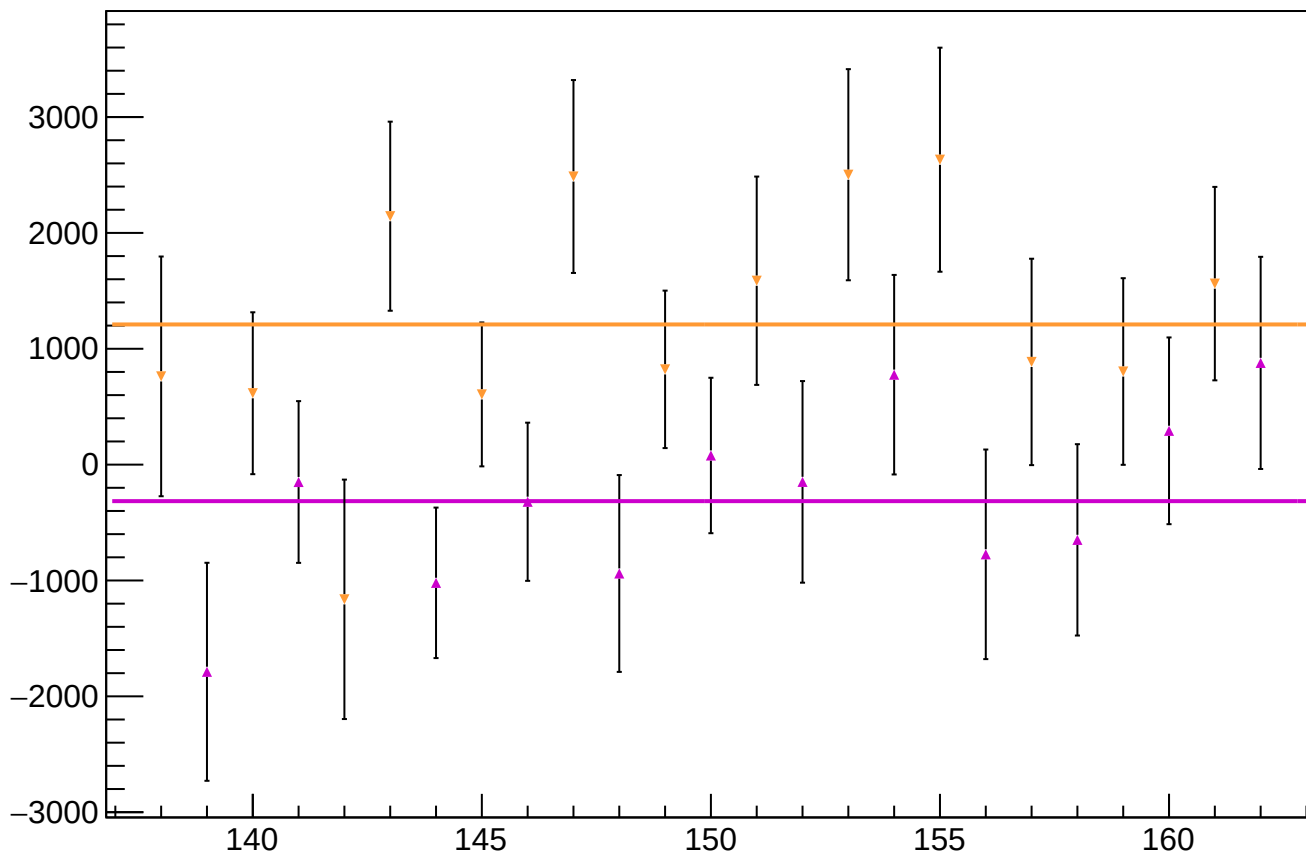
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 710.410+/-0.162 χ^2/NDF :268246.2/11

Out: 706.523+/-0.163 χ^2/NDF :402382.6/12

All: 708.477+/-0.115 χ^2/NDF : 670916.2/24

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1209.924+/-227.221 χ^2/NDF :16.0/12

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

Left In: -315.131+/-227.054 χ^2/NDF :8.9/11

Left: 446.837+/-160.610 χ^2/NDF : 47.5/24

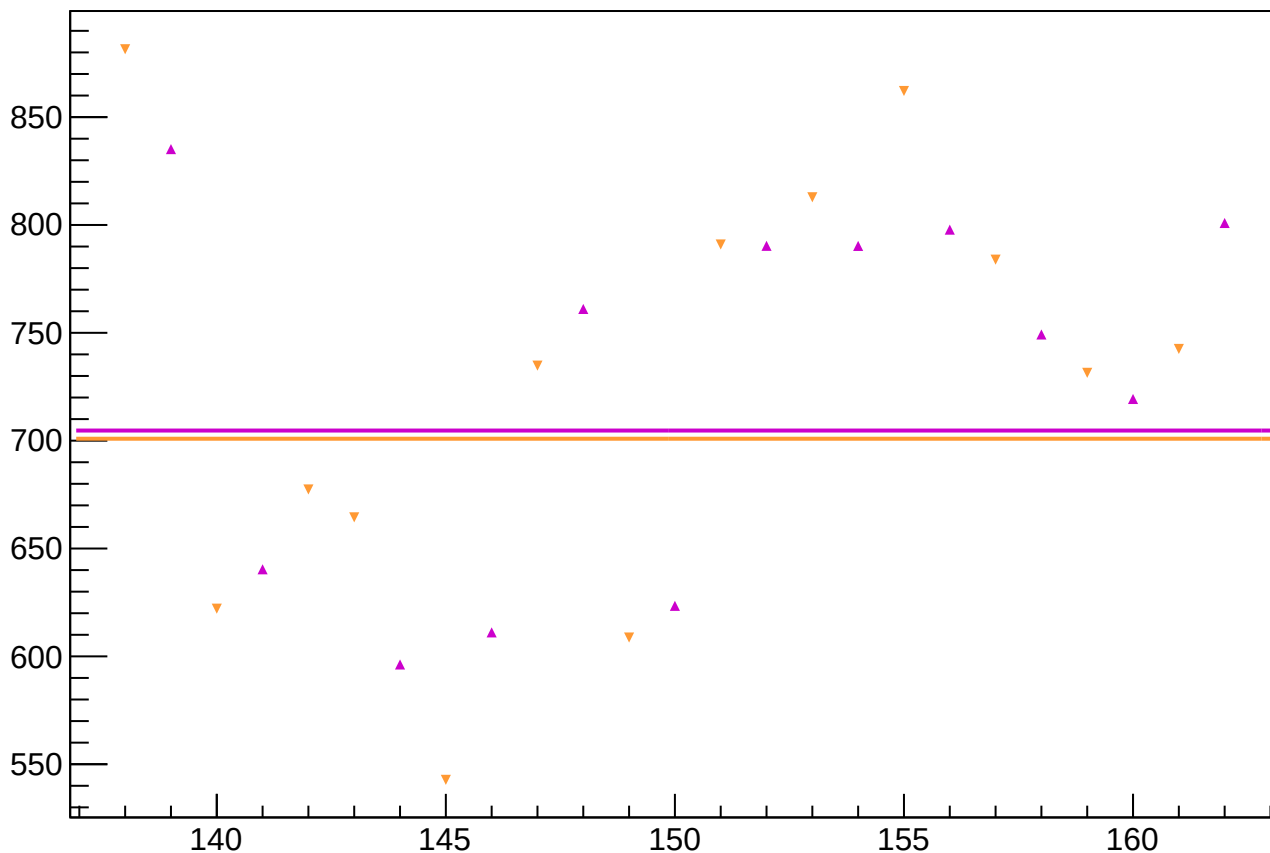
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -315.131+/-227.054 χ^2/NDF :8.9/11

Out: 1209.924+/-227.221 χ^2/NDF :16.0/12

All: 446.837+/-160.610 χ^2/NDF : 47.5/24

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 700.899+/-0.161 χ^2/NDF :392202.0/12

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

Left In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Left: 702.800+/-0.114 χ^2/NDF : 668352.9/24

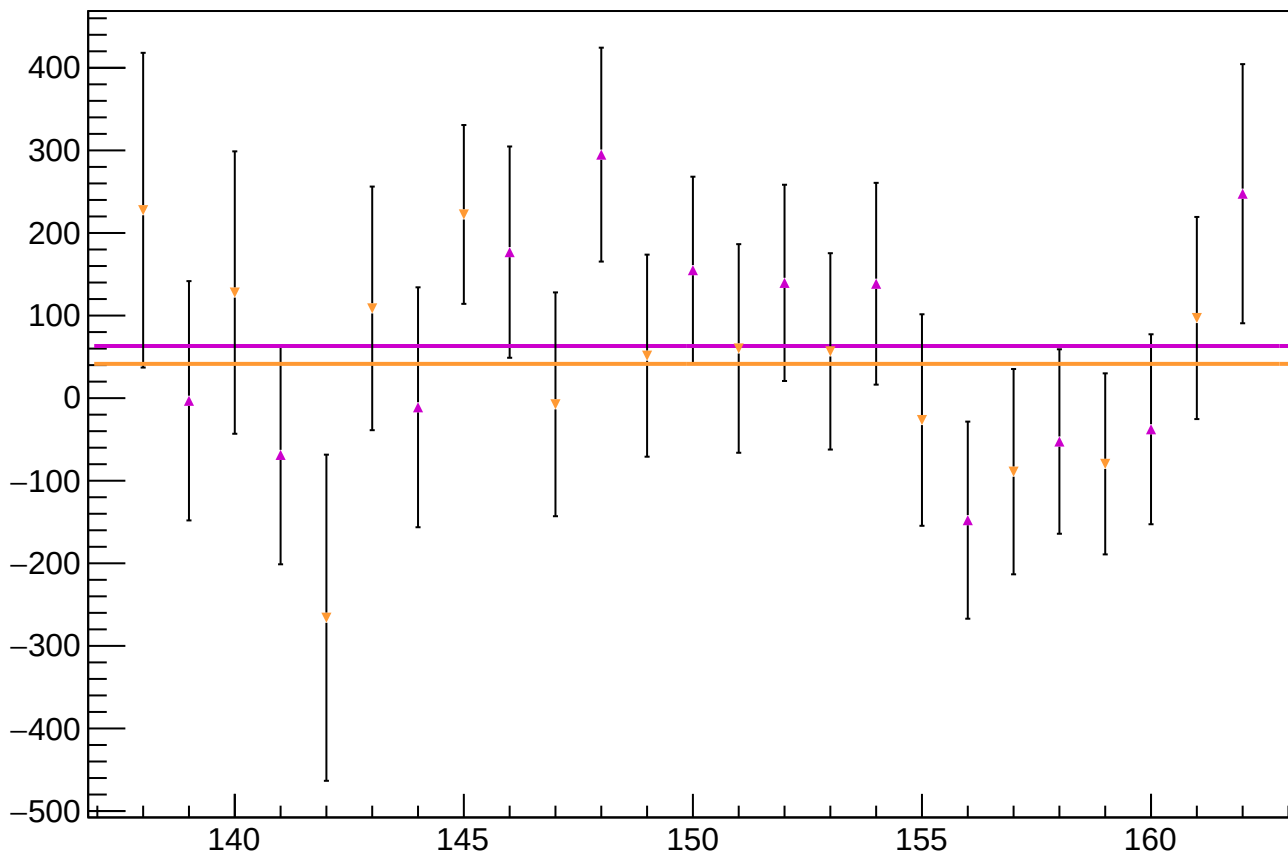
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Out: 700.899+/-0.161 χ^2/NDF :392202.0/12

All: 702.800+/-0.114 χ^2/NDF : 668352.9/24

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 41.496+/-36.539 χ^2/NDF :9.6/12

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

Left In: 63.146+/-36.389 χ^2/NDF :13.3/11

Left: 52.366+/-25.784 χ^2/NDF : 23.0/24

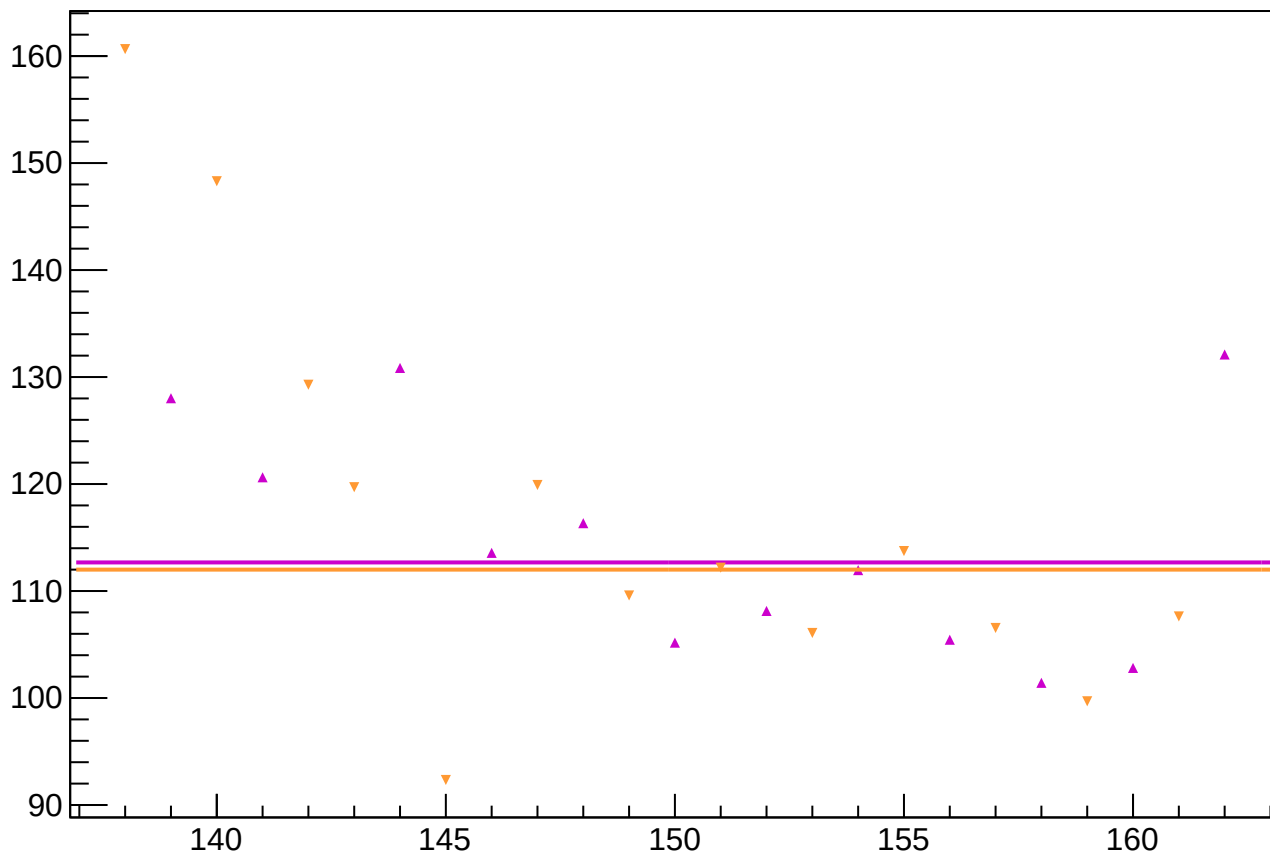
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.146+/-36.389 χ^2/NDF :13.3/11

Out: 41.496+/-36.539 χ^2/NDF :9.6/12

All: 52.366+/-25.784 χ^2/NDF : 23.0/24

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 112.000+/-0.026 χ^2/NDF :351757.5/12

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

Left In: 112.672+/-0.026 χ^2/NDF :147444.3/11

Left: 112.337+/-0.018 χ^2/NDF : 499541.7/24

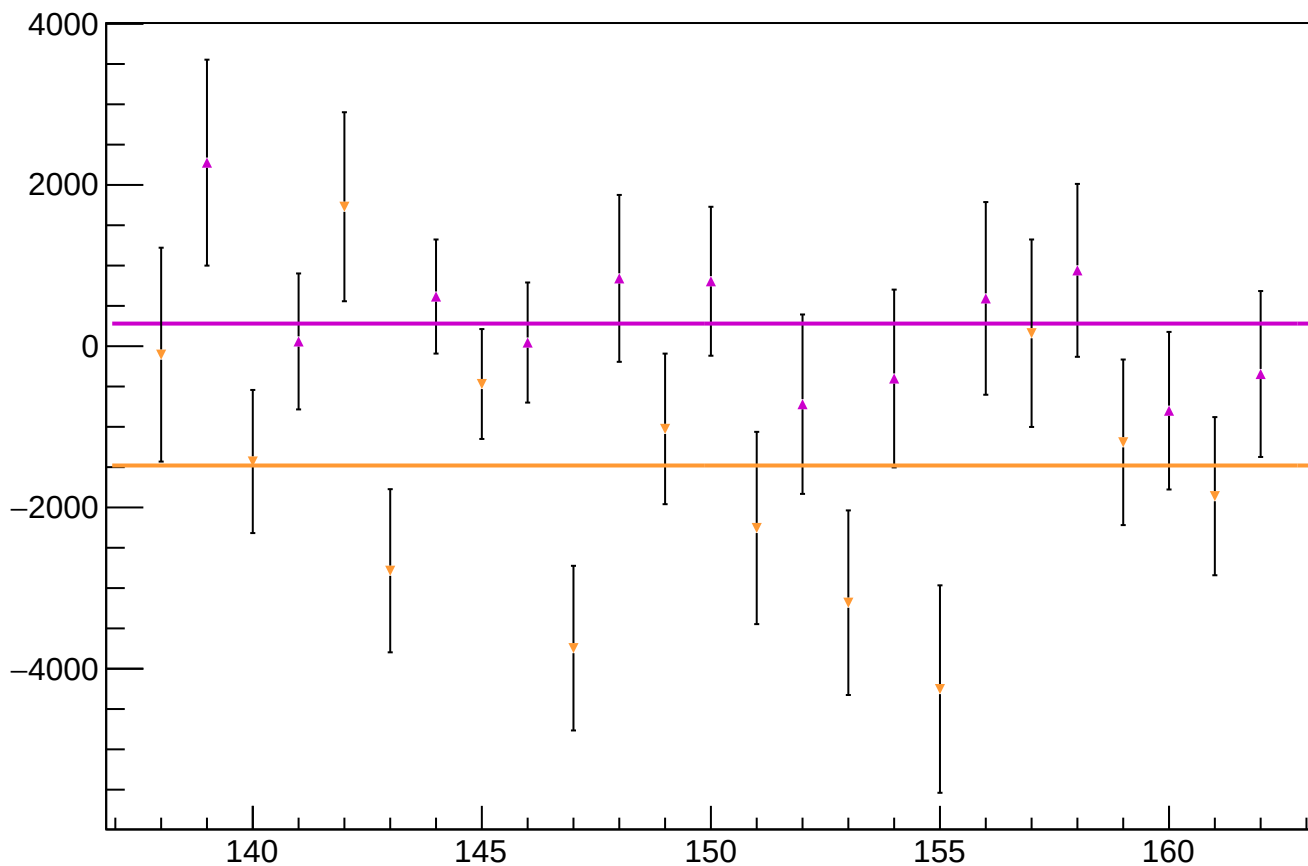
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 112.672+/-0.026 χ^2/NDF :147444.3/11

Out: 112.000+/-0.026 χ^2/NDF :351757.5/12

All: 112.337+/-0.018 χ^2/NDF : 499541.7/24

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1479.537 $\pm$ 281.717 χ^2 /NDF:27.1/12

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

Left In: 280.494 $\pm$ 276.098 χ^2 /NDF:6.7/11

Left: -581.792 $\pm$ 197.187 χ^2 /NDF: 53.7/24

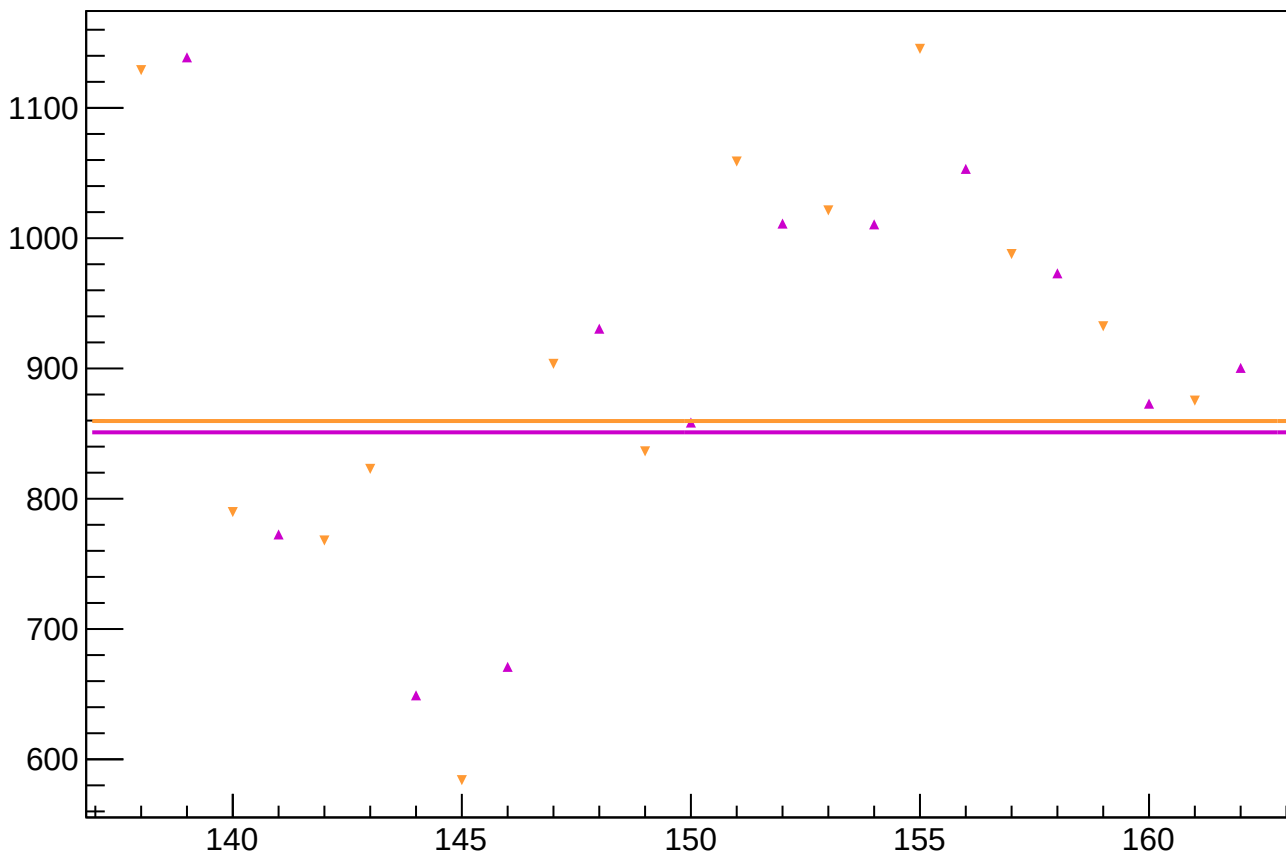
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 280.494 $\pm$ 276.098 χ^2 /NDF:6.7/11

Out: -1479.537 $\pm$ 281.717 χ^2 /NDF:27.1/12

All: -581.792 $\pm$ 197.187 χ^2 /NDF: 53.7/24

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 859.648+/-0.199 χ^2/NDF : 671019.6/12

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

Left In: 850.974+/-0.195 χ^2/NDF : 582741.9/11

Left: 855.224+/-0.139 χ^2/NDF : 1254728.8/24

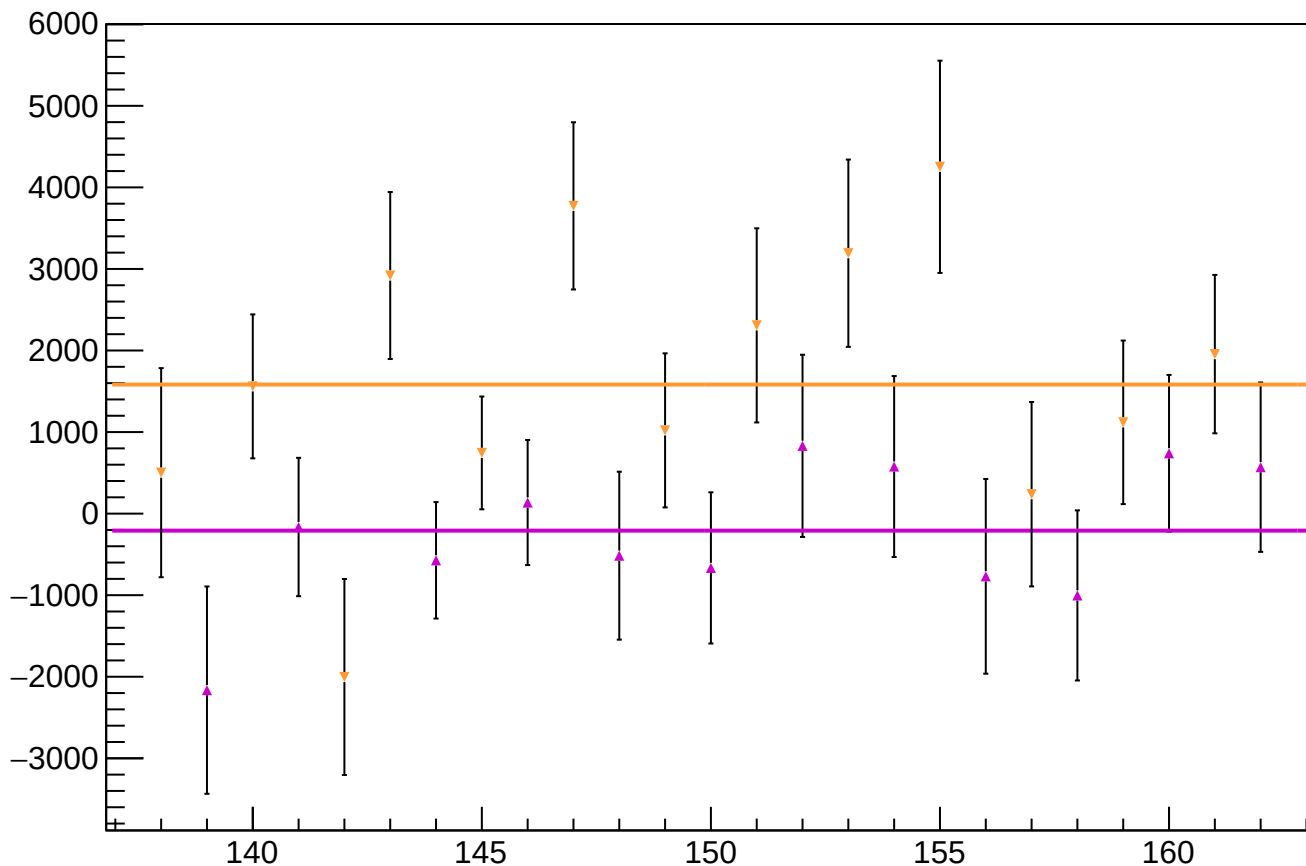
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 850.974+/-0.195 χ^2/NDF : 582741.9/11

Out: 859.648+/-0.199 χ^2/NDF : 671019.6/12

All: 855.224+/-0.139 χ^2/NDF : 1254728.8/24

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1582.725+/-281.756 χ^2/NDF : 26.0/12

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

Left In: -208.567+/-277.097 χ^2/NDF : 6.9/11

Left: 672.145+/-197.564 χ^2/NDF : 53.4/24

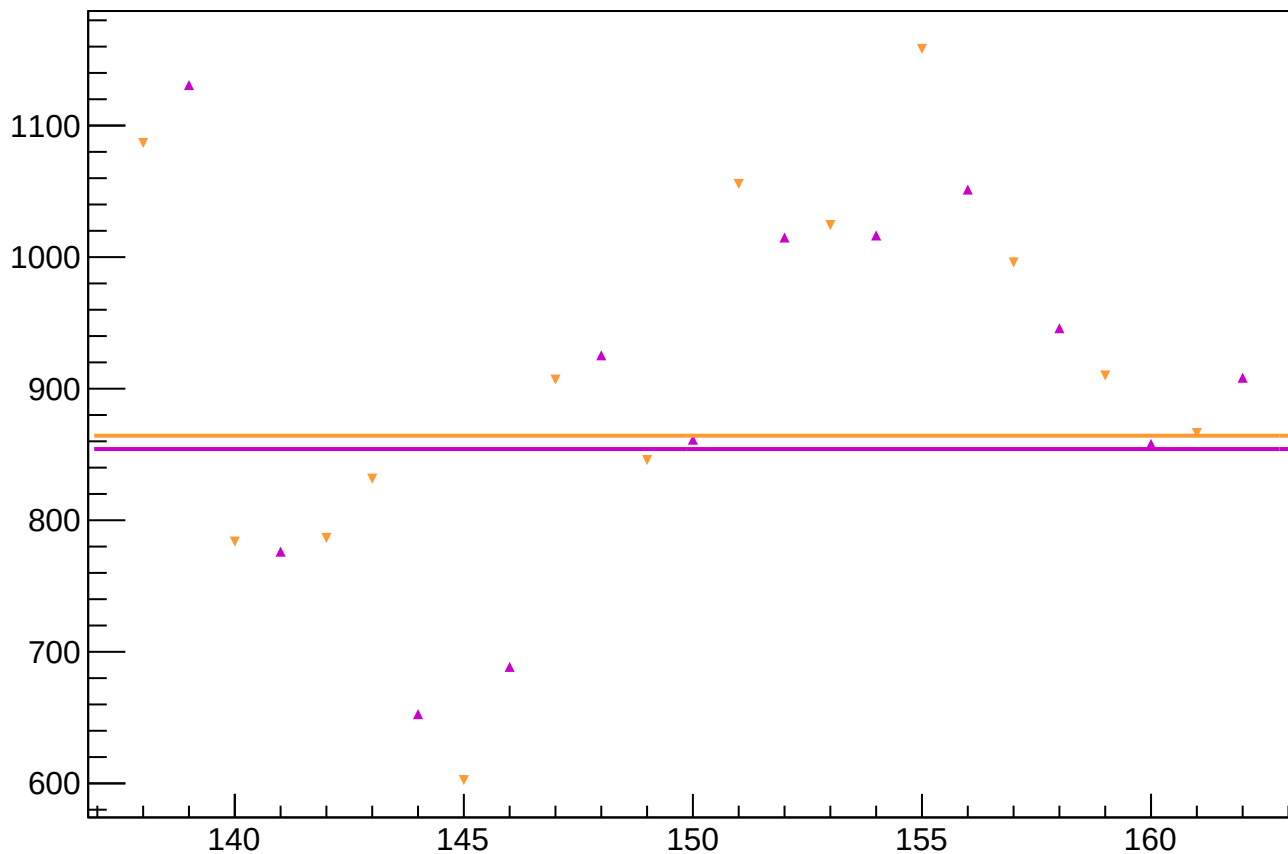
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.567+/-277.097 χ^2/NDF : 6.9/11

Out: 1582.725+/-281.756 χ^2/NDF : 26.0/12

All: 672.145+/-197.564 χ^2/NDF : 53.4/24

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 864.281+/-0.199 χ^2/NDF : 602171.2/12

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

Left In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Left: 859.120+/-0.140 χ^2/NDF : 1137160.5/24

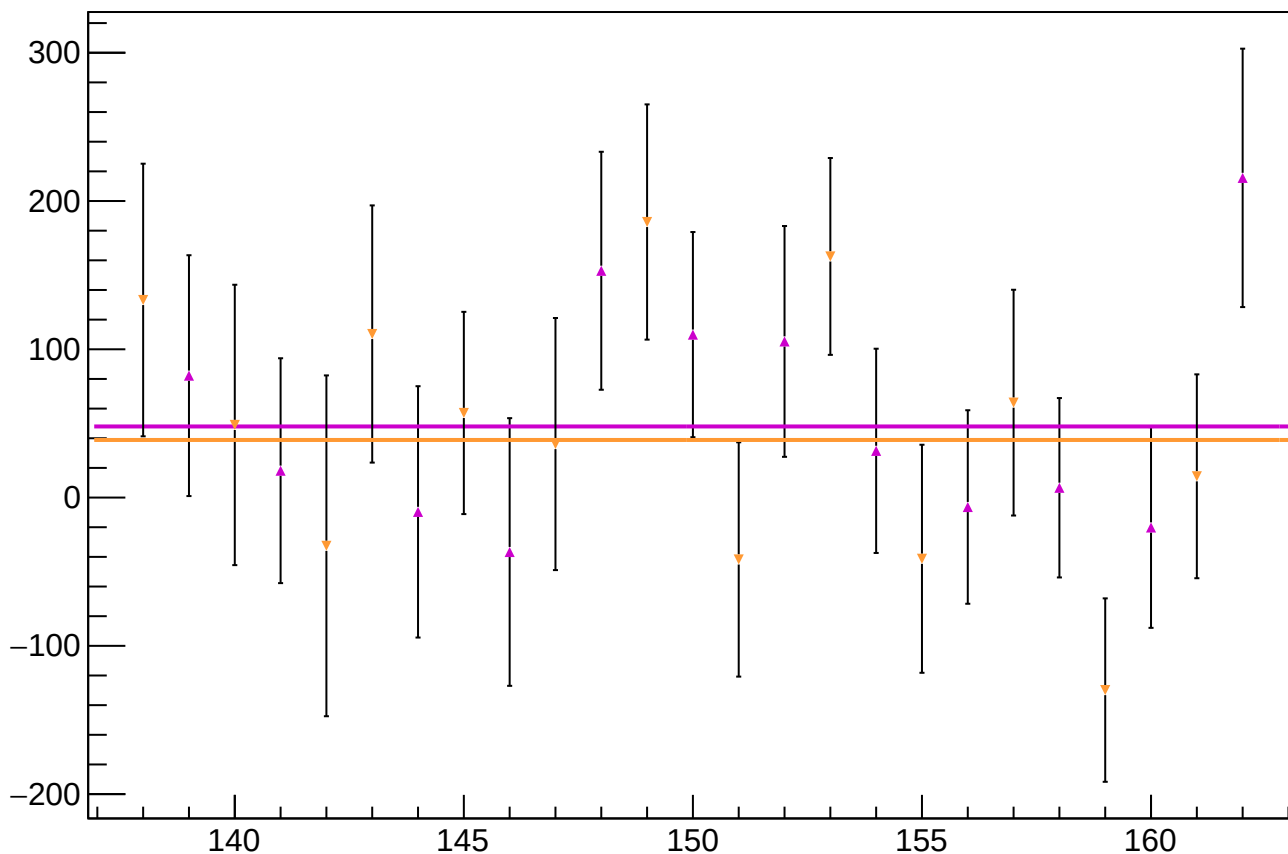
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Out: 864.281+/-0.199 χ^2/NDF : 602171.2/12

All: 859.120+/-0.140 χ^2/NDF : 1137160.5/24

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 38.846 $\pm$ 21.552 χ^2 /NDF:18.9/12

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

Left In: 47.960 $\pm$ 21.390 χ^2 /NDF:10.7/11

Left: 43.437 $\pm$ 15.182 χ^2 /NDF: 29.7/24

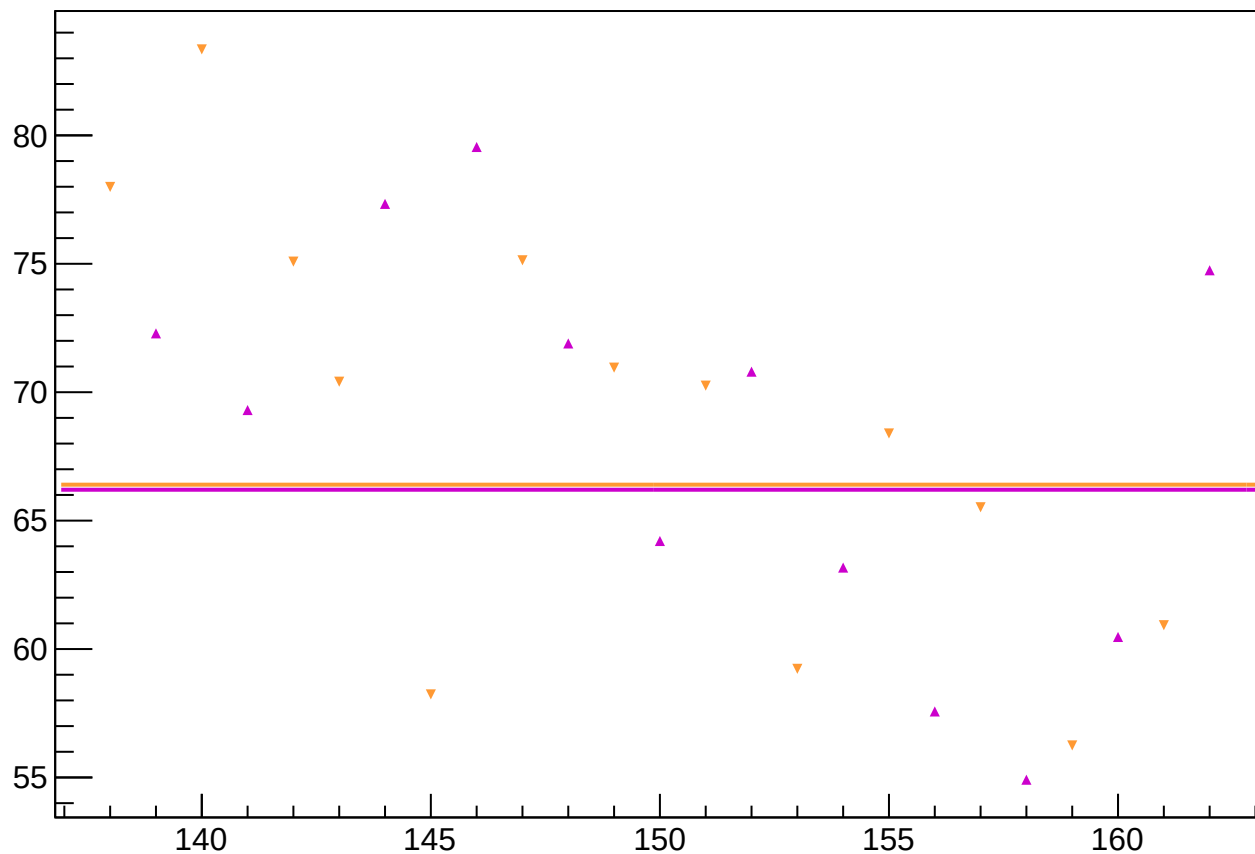
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 47.960 $\pm$ 21.390 χ^2 /NDF:10.7/11

Out: 38.846 $\pm$ 21.552 χ^2 /NDF:18.9/12

All: 43.437 $\pm$ 15.182 χ^2 /NDF: 29.7/24

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 66.400+/-0.015 χ^2/NDF :264421.0/12

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

Left In: 66.203+/-0.015 χ^2/NDF :253617.4/11

Left: 66.301+/-0.011 χ^2/NDF : 518122.7/24

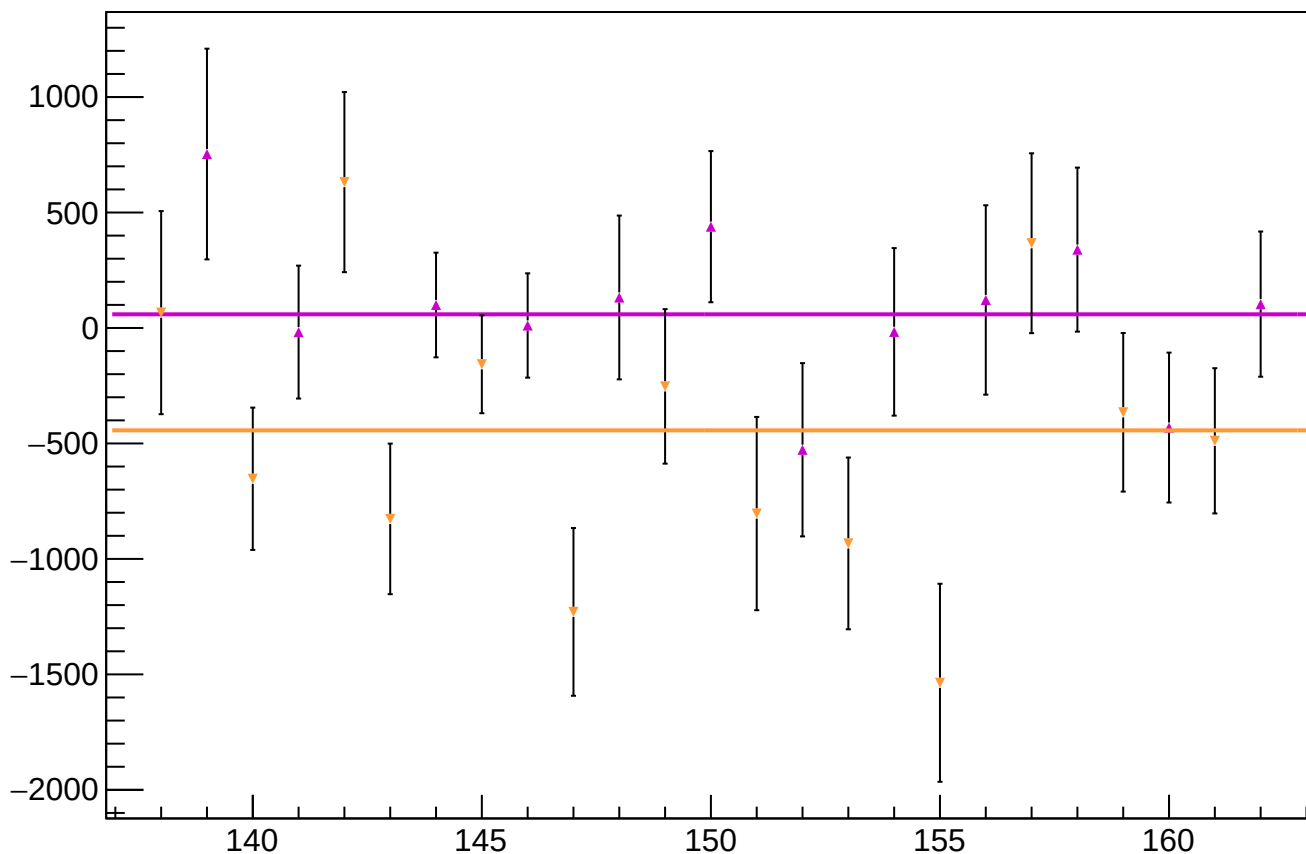
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.203+/-0.015 χ^2/NDF :253617.4/11

Out: 66.400+/-0.015 χ^2/NDF :264421.0/12

All: 66.301+/-0.011 χ^2/NDF : 518122.7/24

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -443.259+/-93.643 χ^2/NDF :31.0/12

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

Left In: 59.215+/-90.748 χ^2/NDF :9.3/11

Left: -184.136+/-65.168 χ^2/NDF : 55.1/24

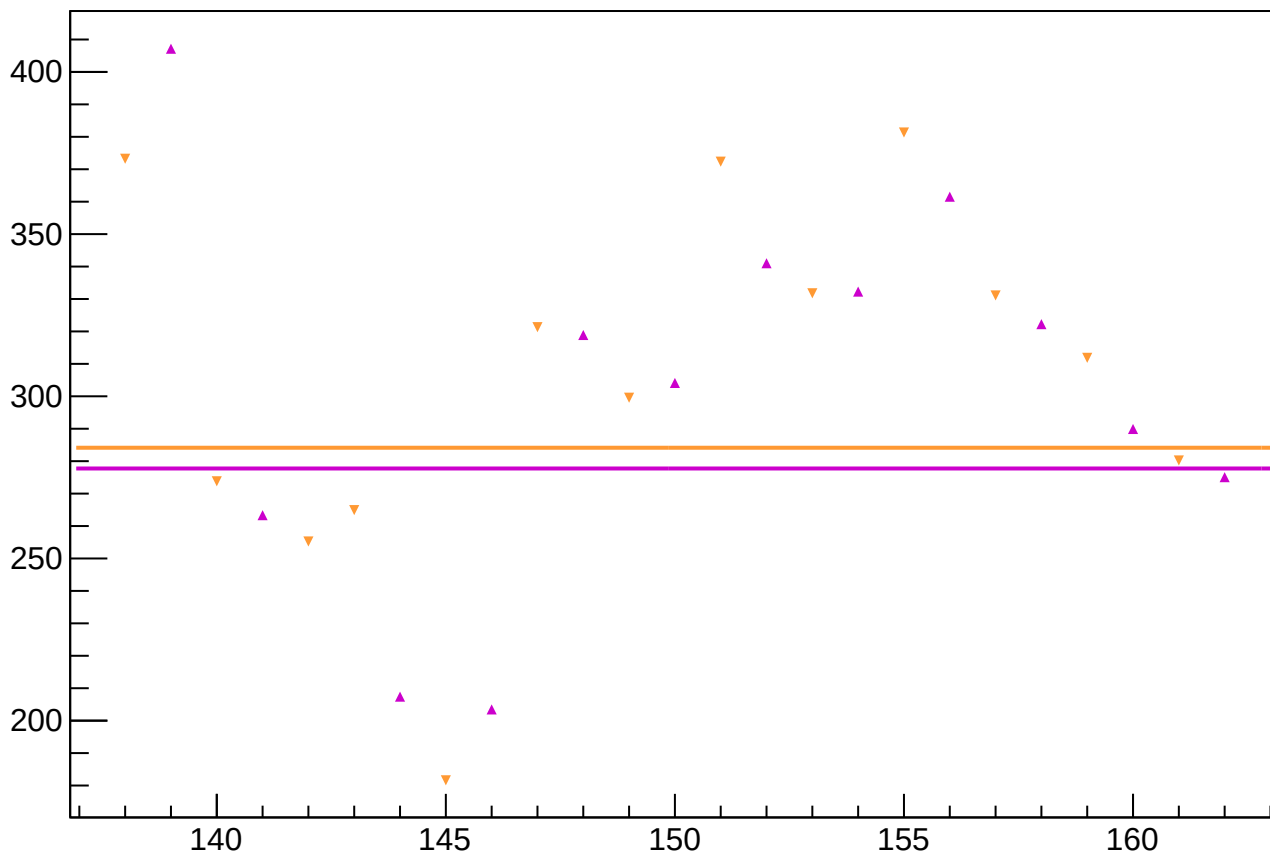
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.215+/-90.748 χ^2/NDF :9.3/11

Out: -443.259+/-93.643 χ^2/NDF :31.0/12

All: -184.136+/-65.168 χ^2/NDF : 55.1/24

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 284.140+/-0.066 χ^2/NDF :862365.5/12

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

Left In: 277.743+/-0.064 χ^2/NDF :834751.7/11

Left: 280.841+/-0.046 χ^2/NDF : 1701931.4/24

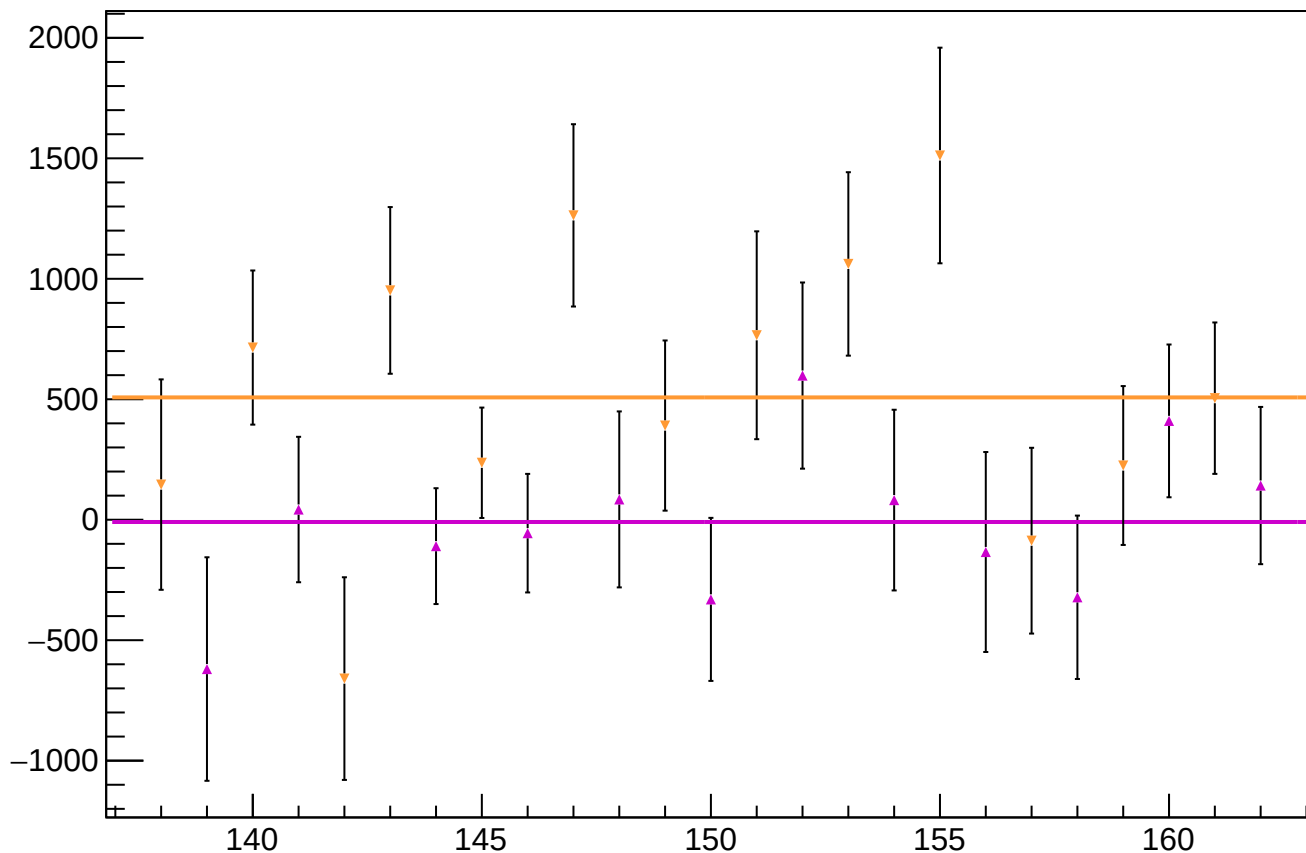
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.743+/-0.064 χ^2/NDF :834751.7/11

Out: 284.140+/-0.066 χ^2/NDF :862365.5/12

All: 280.841+/-0.046 χ^2/NDF : 1701931.4/24

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 507.682+/-96.941 χ^2/NDF :26.6/12

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

Left In: -9.388+/-93.933 χ^2/NDF :8.4/11

Left: 241.001+/-67.459 χ^2/NDF : 49.6/24

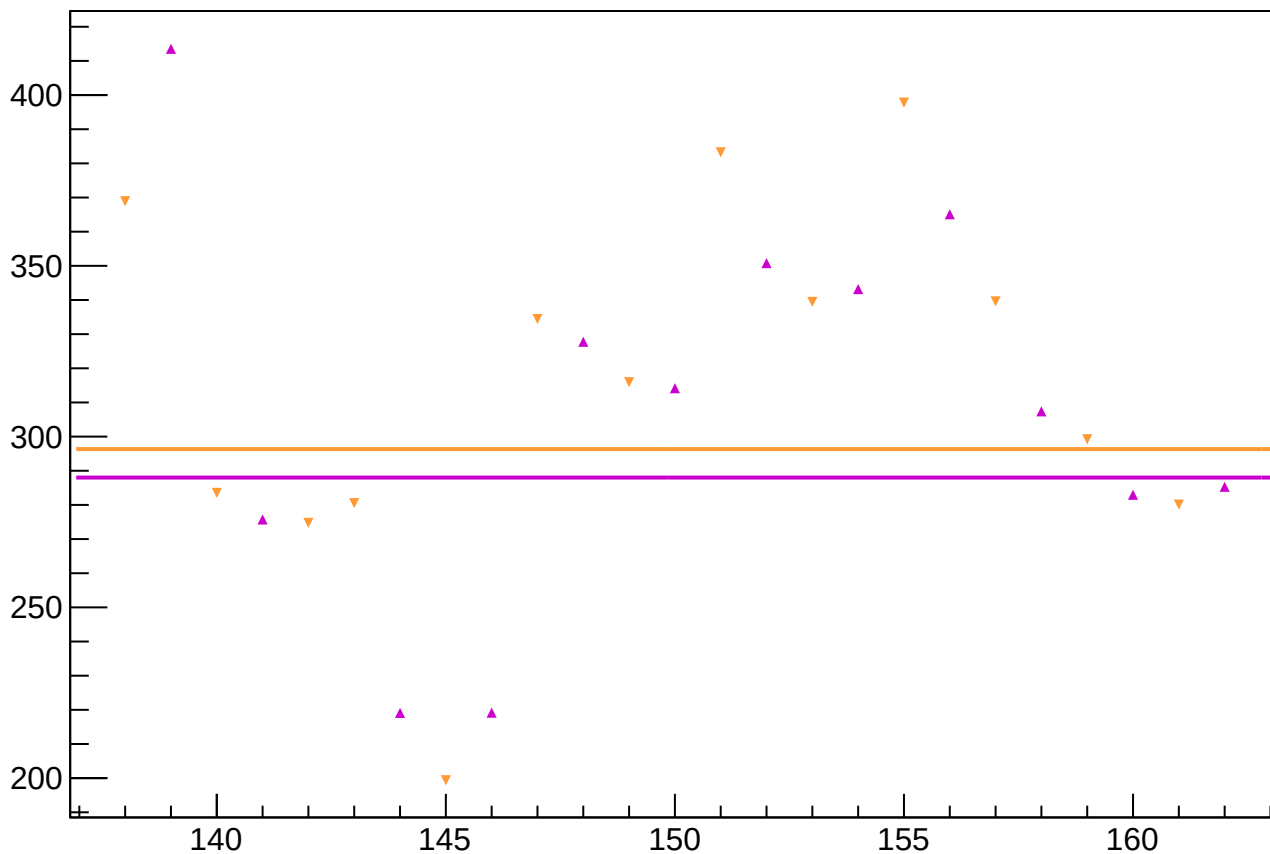
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.388+/-93.933 χ^2/NDF :8.4/11

Out: 507.682+/-96.941 χ^2/NDF :26.6/12

All: 241.001+/-67.459 χ^2/NDF : 49.6/24

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 296.347+/-0.069 χ^2/NDF :692829.1/12

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

Left In: 288.010+/-0.066 χ^2/NDF :678671.2/11

Left: 292.047+/-0.048 χ^2/NDF : 1379130.2/24

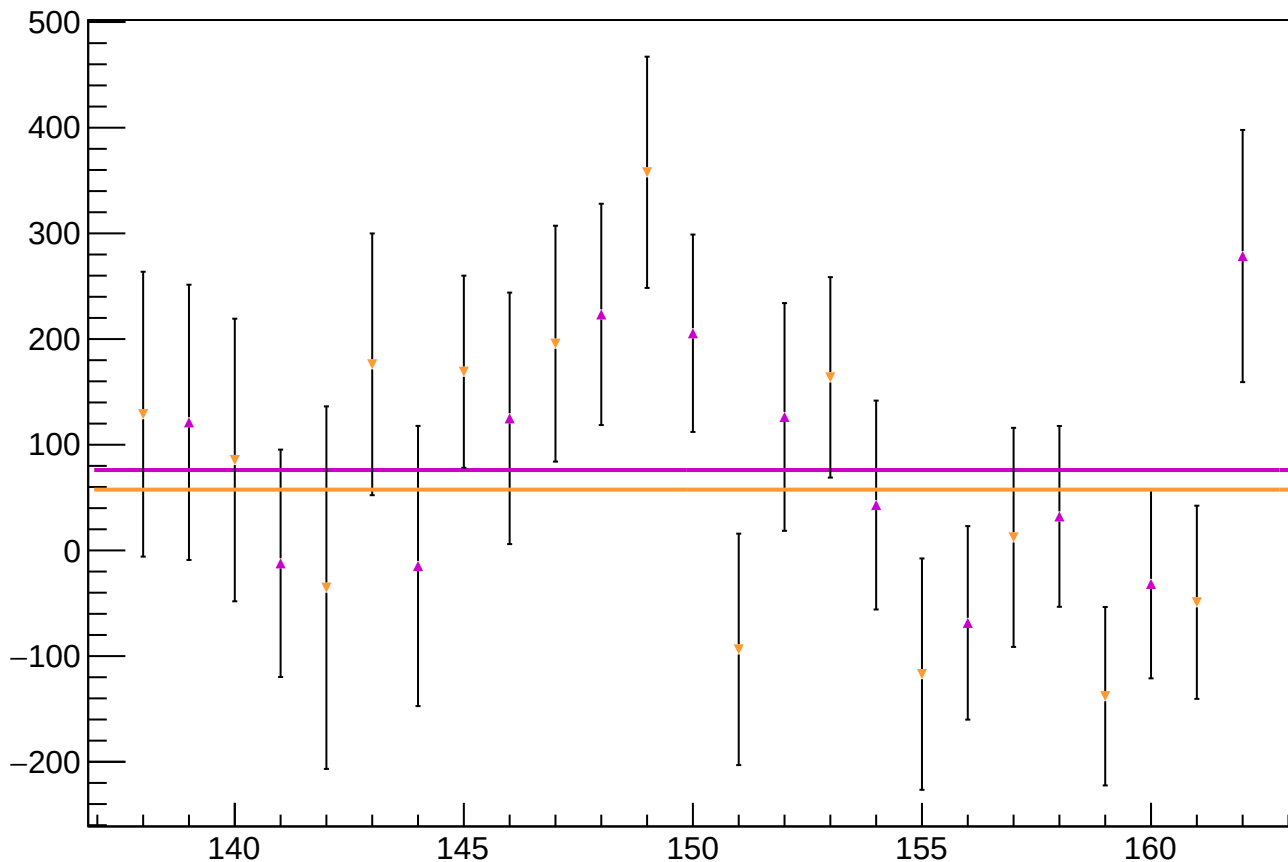
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.010+/-0.066 χ^2/NDF :678671.2/11

Out: 296.347+/-0.069 χ^2/NDF :692829.1/12

All: 292.047+/-0.048 χ^2/NDF : 1379130.2/24

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 57.524 $\pm$ 29.798 χ^2 /NDF:24.7/12

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

Left In: 76.075 $\pm$ 29.897 χ^2 /NDF:12.8/11

Left: 66.769 $\pm$ 21.105 χ^2 /NDF: 37.7/24

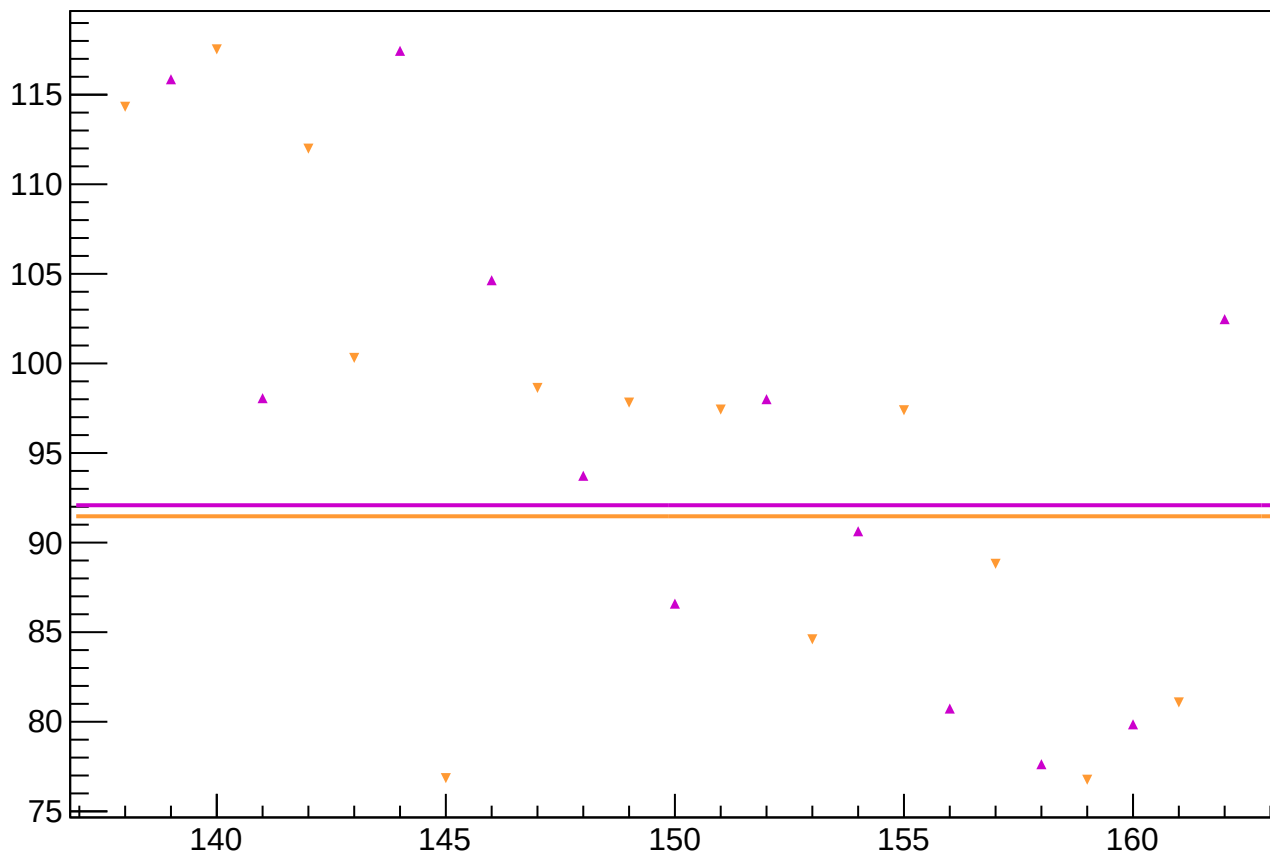
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 76.075 $\pm$ 29.897 χ^2 /NDF:12.8/11

Out: 57.524 $\pm$ 29.798 χ^2 /NDF:24.7/12

All: 66.769 $\pm$ 21.105 χ^2 /NDF: 37.7/24

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 91.468+/-0.021 χ^2/NDF :349075.6/12

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

Left In: 92.085+/-0.021 χ^2/NDF :322635.2/11

Left: 91.775+/-0.015 χ^2/NDF : 672137.0/24

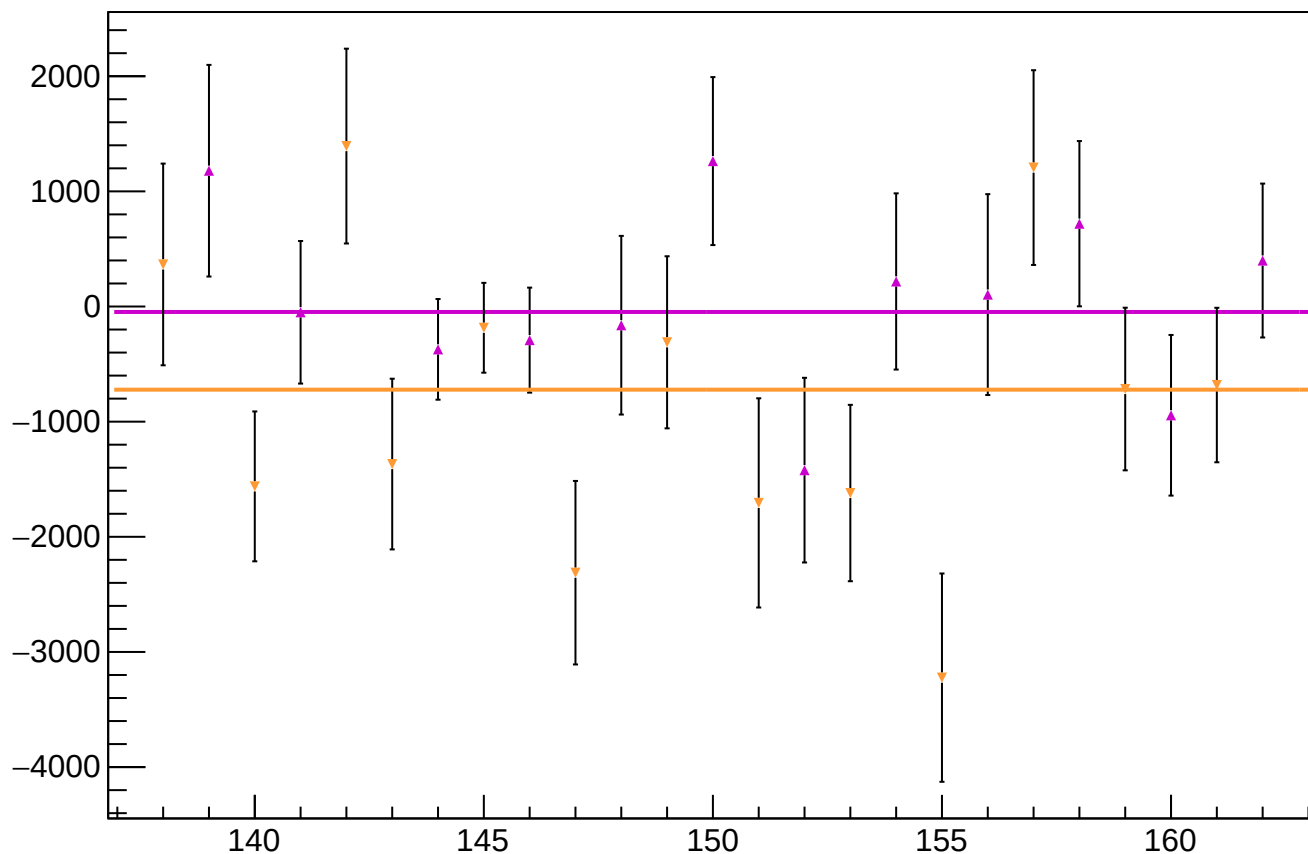
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.085+/-0.021 χ^2/NDF :322635.2/11

Out: 91.468+/-0.021 χ^2/NDF :349075.6/12

All: 91.775+/-0.015 χ^2/NDF : 672137.0/24

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -722.212+/-193.953 χ^2/NDF :31.8/12

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

Left In: -47.352+/-188.342 χ^2/NDF :12.2/11

Left: -374.879+/-135.118 χ^2/NDF : 50.2/24

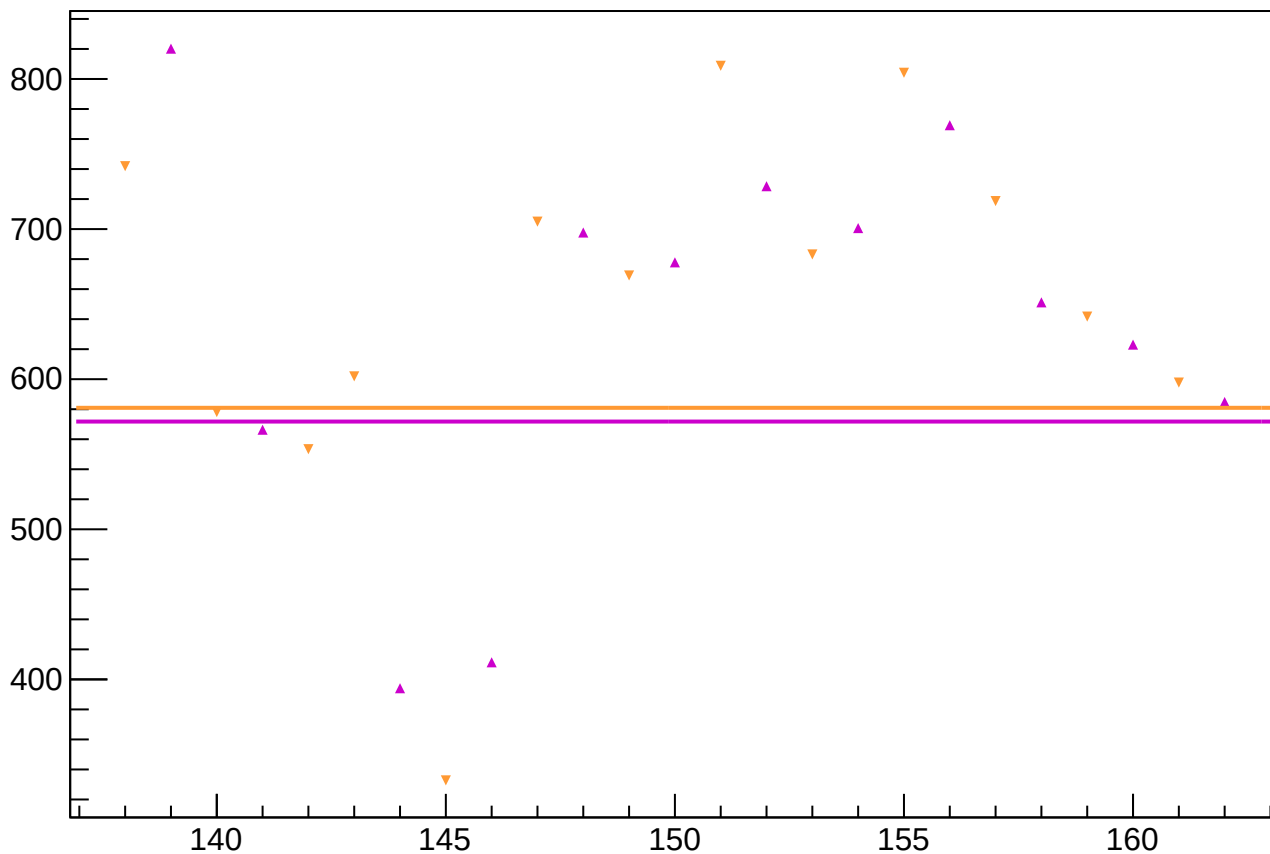
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.352+/-188.342 χ^2/NDF :12.2/11

Out: -722.212+/-193.953 χ^2/NDF :31.8/12

All: -374.879+/-135.118 χ^2/NDF : 50.2/24

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 580.936+/-0.137 χ^2/NDF :1309574.5/12

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

Left In: 571.773+/-0.133 χ^2/NDF :1090806.1/11

Left: 576.220+/-0.096 χ^2/NDF : 2402677.7/24

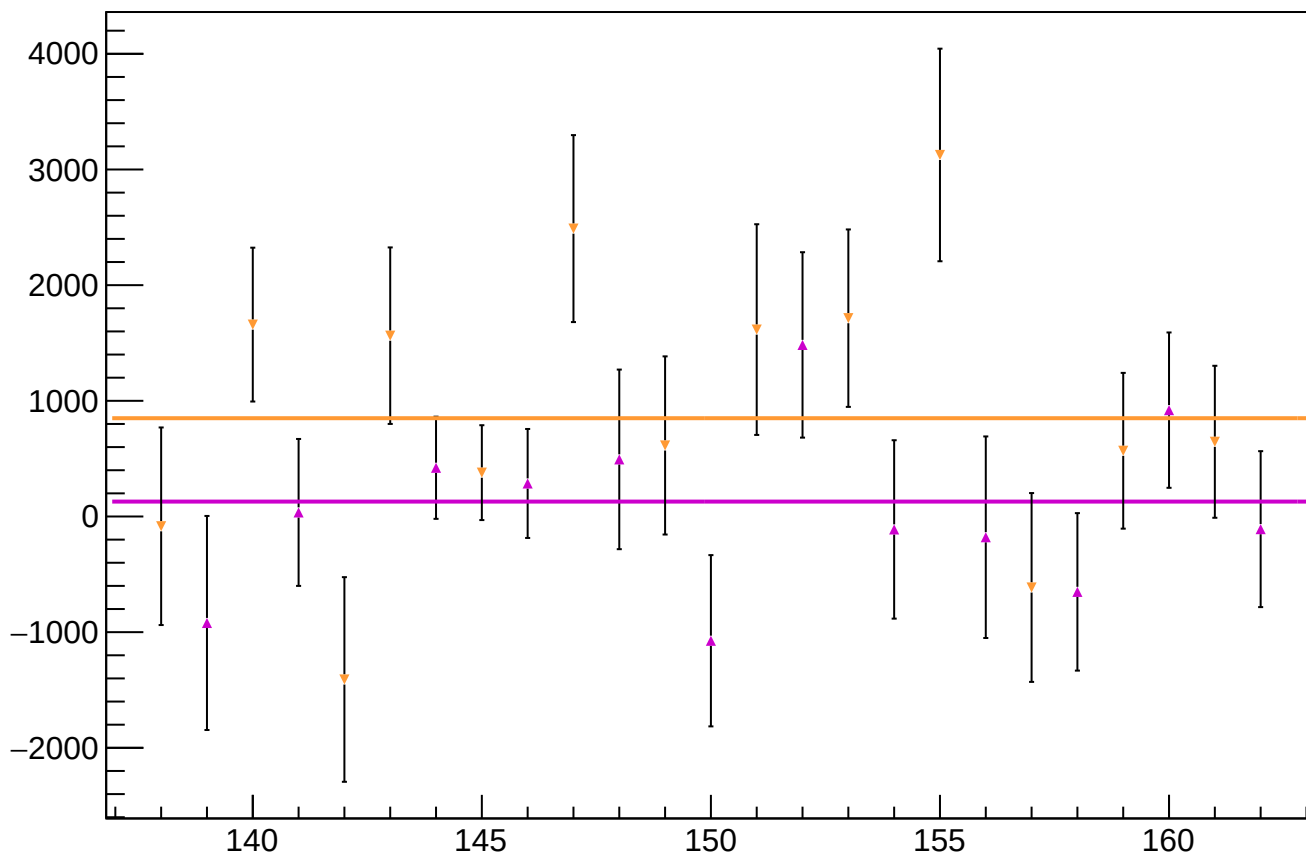
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 571.773+/-0.133 χ^2/NDF :1090806.1/11

Out: 580.936+/-0.137 χ^2/NDF :1309574.5/12

All: 576.220+/-0.096 χ^2/NDF : 2402677.7/24

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 849.746+/-196.478 χ^2/NDF : 27.2/12

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

Left In: 128.873+/-189.345 χ^2/NDF : 10.6/11

Left: 475.986+/-136.339 χ^2/NDF : 44.8/24

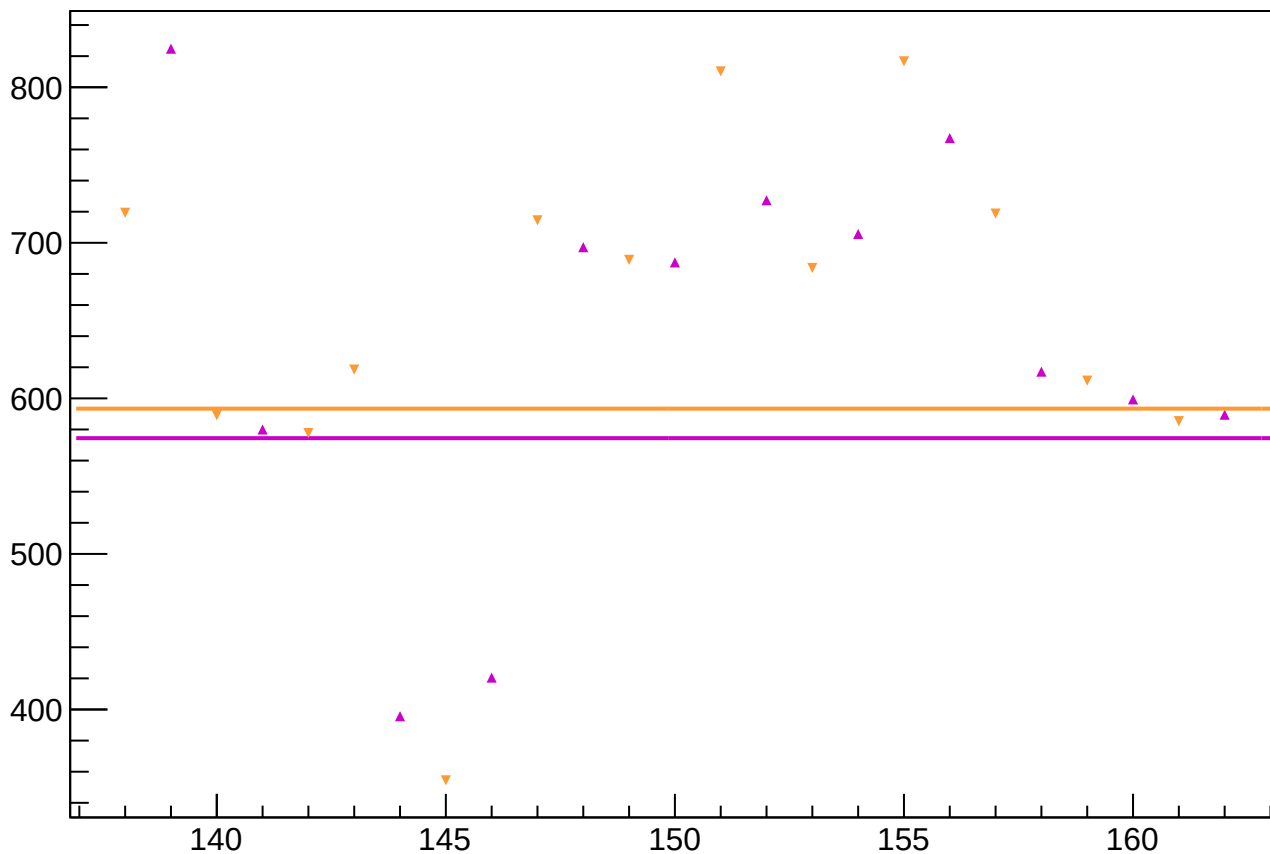
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.873+/-189.345 χ^2/NDF : 10.6/11

Out: 849.746+/-196.478 χ^2/NDF : 27.2/12

All: 475.986+/-136.339 χ^2/NDF : 44.8/24

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 593.398+/-0.139 χ^2/NDF :1109430.7/12

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

Left In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Left: 583.560+/-0.096 χ^2/NDF : 2143863.9/24

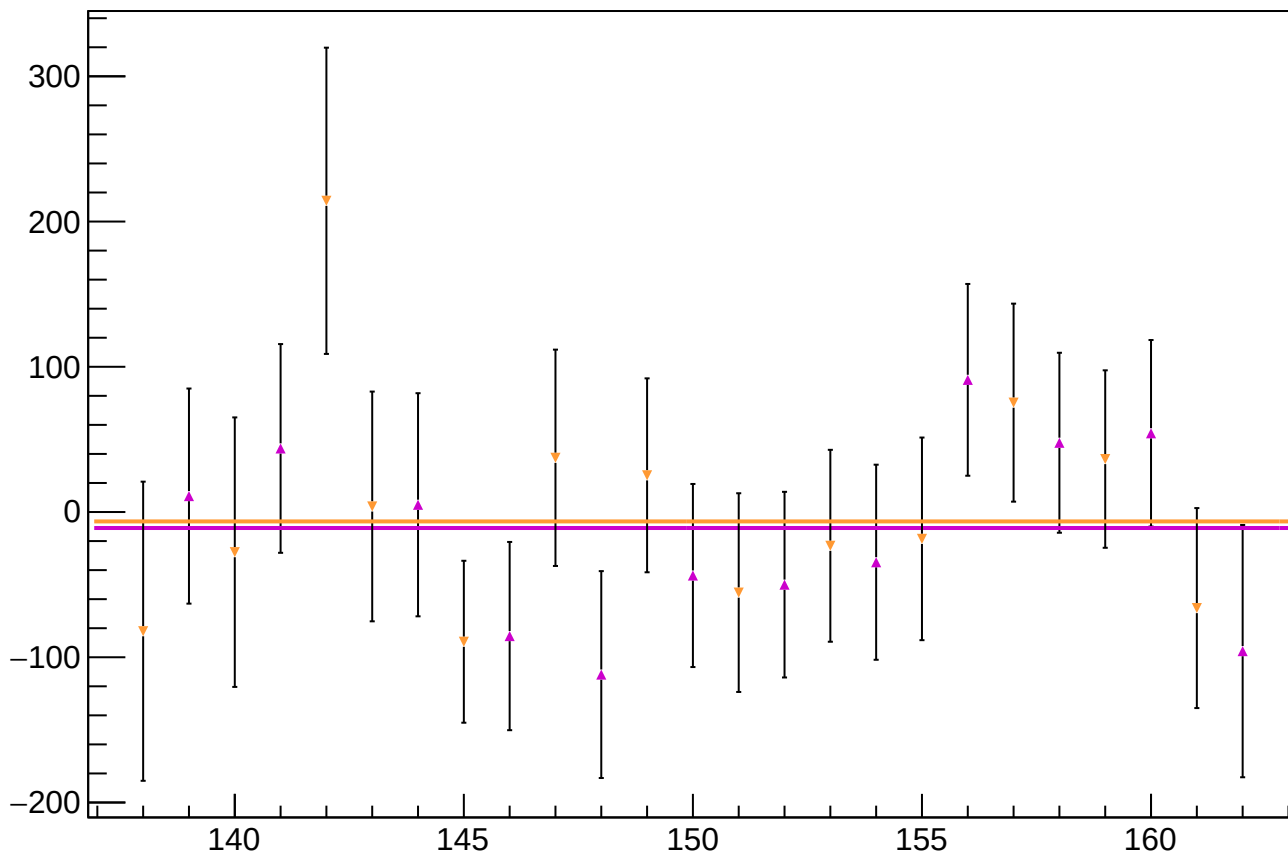
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Out: 593.398+/-0.139 χ^2/NDF :1109430.7/12

All: 583.560+/-0.096 χ^2/NDF : 2143863.9/24

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -6.466 $\pm$ 19.885 χ^2 /NDF:11.1/12

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

Left In: -11.011 $\pm$ 19.749 χ^2 /NDF:10.1/11

Left: -8.754 $\pm$ 14.013 χ^2 /NDF: 21.2/24

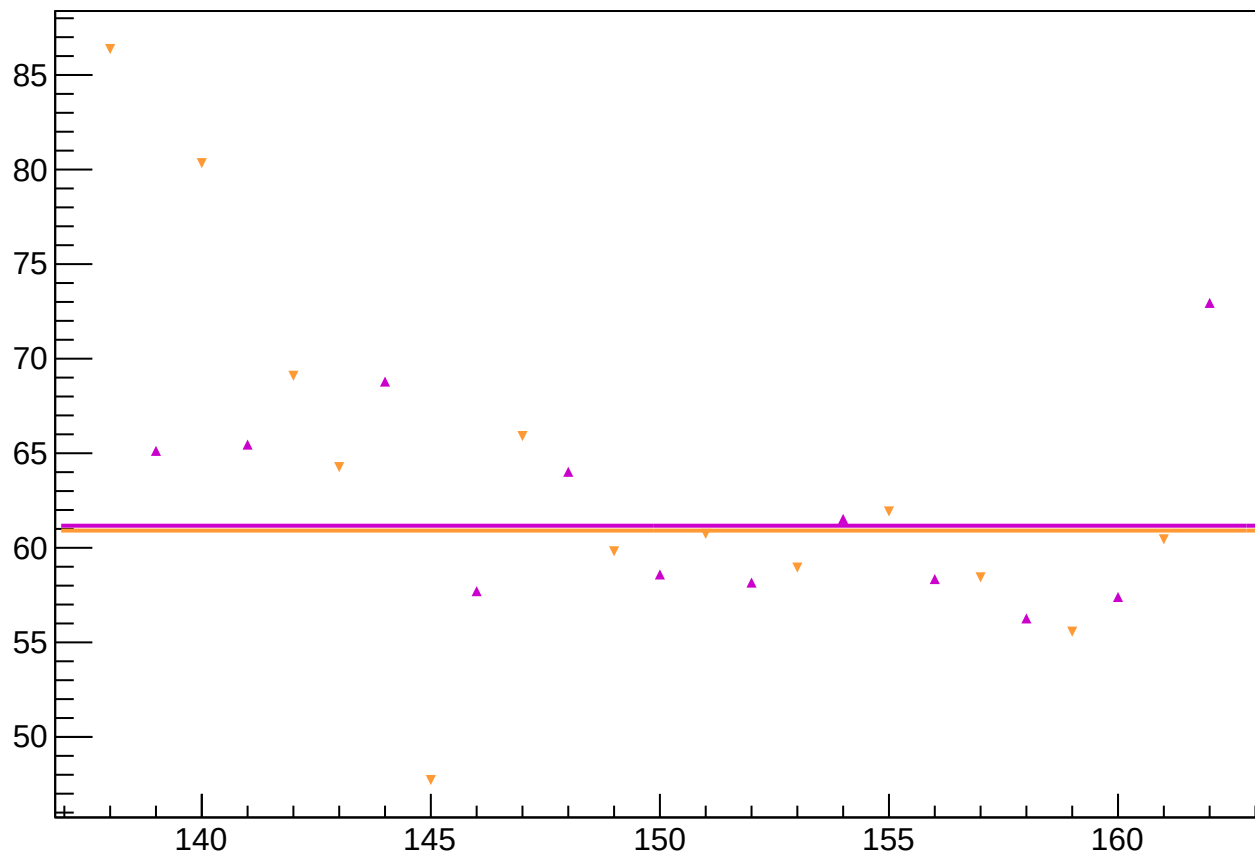
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.011 $\pm$ 19.749 χ^2 /NDF:10.1/11

Out: -6.466 $\pm$ 19.885 χ^2 /NDF:11.1/12

All: -8.754 $\pm$ 14.013 χ^2 /NDF: 21.2/24

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 60.911+/-0.014 χ^2/NDF :367302.0/12

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

Left In: 61.170+/-0.014 χ^2/NDF :109111.1/11

Left: 61.041+/-0.010 χ^2/NDF : 476582.8/24

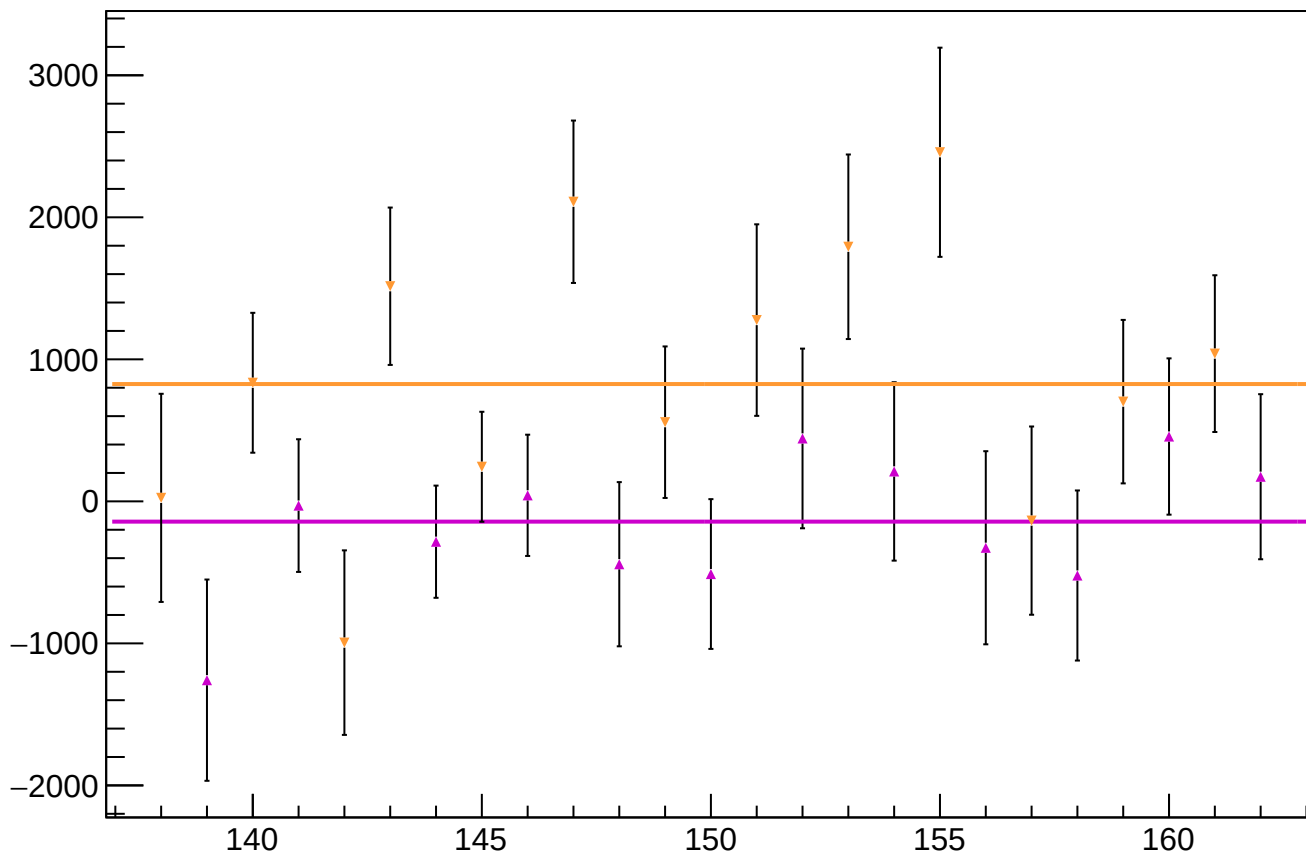
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.170+/-0.014 χ^2/NDF :109111.1/11

Out: 60.911+/-0.014 χ^2/NDF :367302.0/12

All: 61.041+/-0.010 χ^2/NDF : 476582.8/24

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: 825.989+/-158.418 χ^2/NDF :28.0/12

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

Left In: -142.755+/-155.587 χ^2/NDF :6.7/11

Left: 332.884+/-111.004 χ^2/NDF : 53.8/24

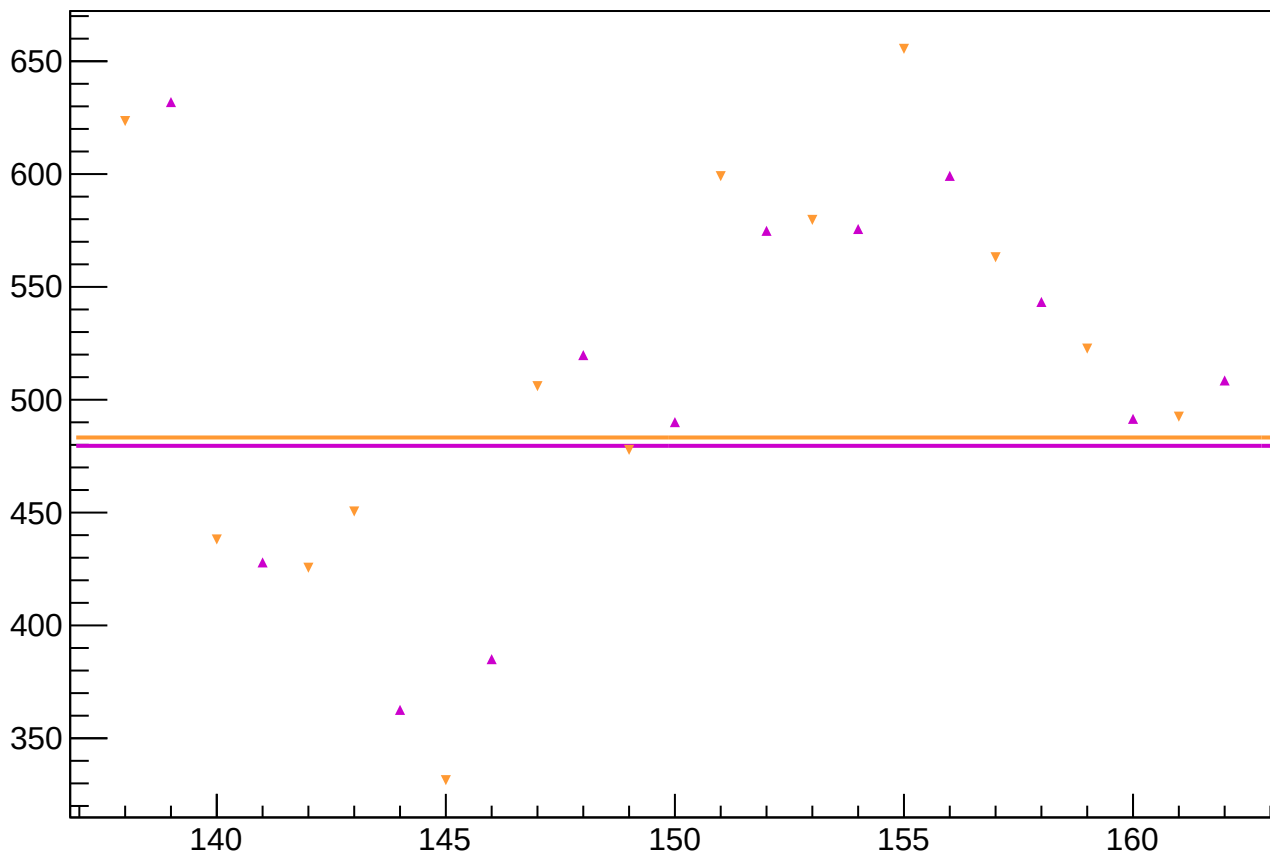
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.755+/-155.587 χ^2/NDF :6.7/11

Out: 825.989+/-158.418 χ^2/NDF :28.0/12

All: 332.884+/-111.004 χ^2/NDF : 53.8/24

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: 483.279+/-0.112 χ^2/NDF :675169.9/12

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

Left In: 479.582+/-0.110 χ^2/NDF :583538.5/11

Left: 481.397+/-0.078 χ^2/NDF : 1259263.1/24

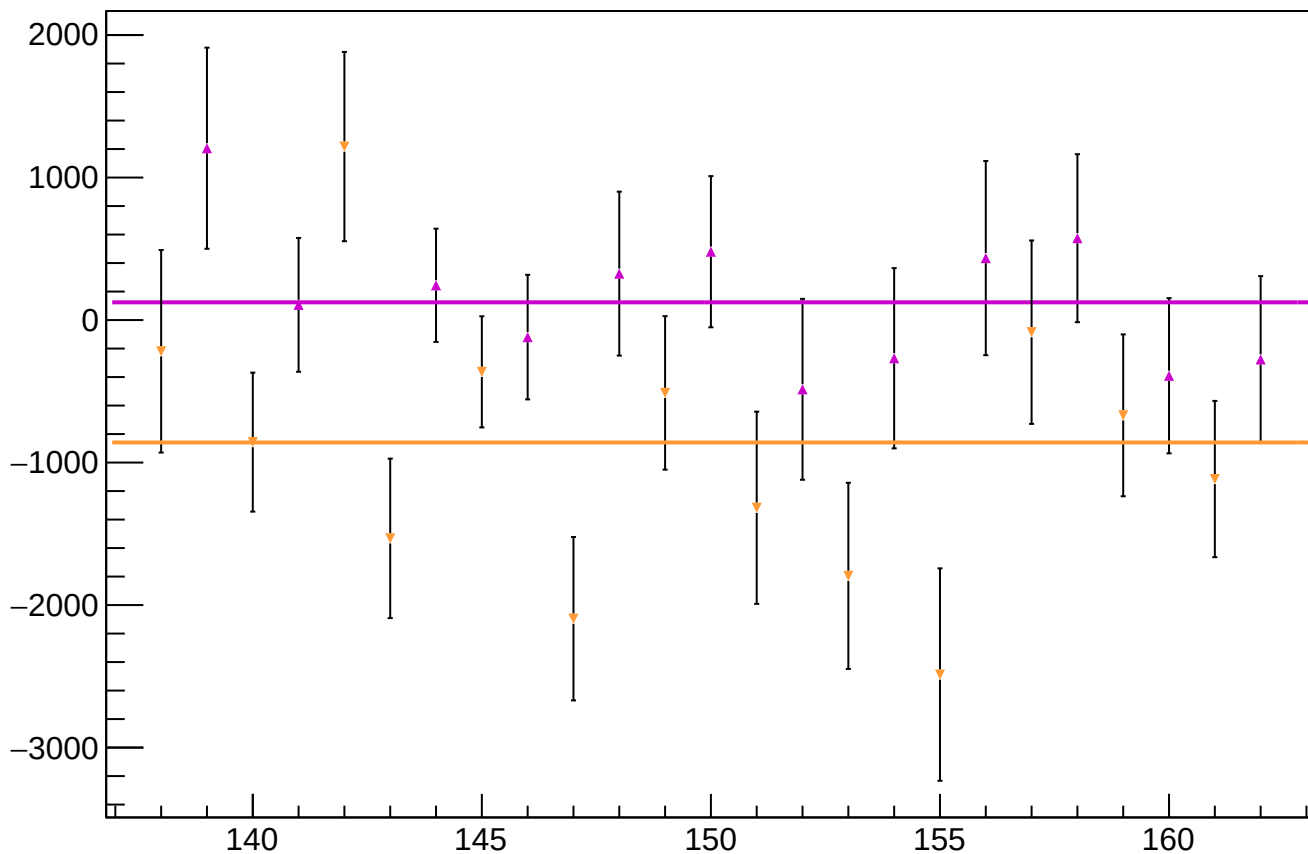
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.582+/-0.110 χ^2/NDF :583538.5/11

Out: 483.279+/-0.112 χ^2/NDF :675169.9/12

All: 481.397+/-0.078 χ^2/NDF : 1259263.1/24

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -858.915+/-158.323 χ^2/NDF :27.8/12

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

Left In: 124.423+/-156.167 χ^2/NDF :6.8/11

Left: -360.504+/-111.181 χ^2/NDF : 54.1/24

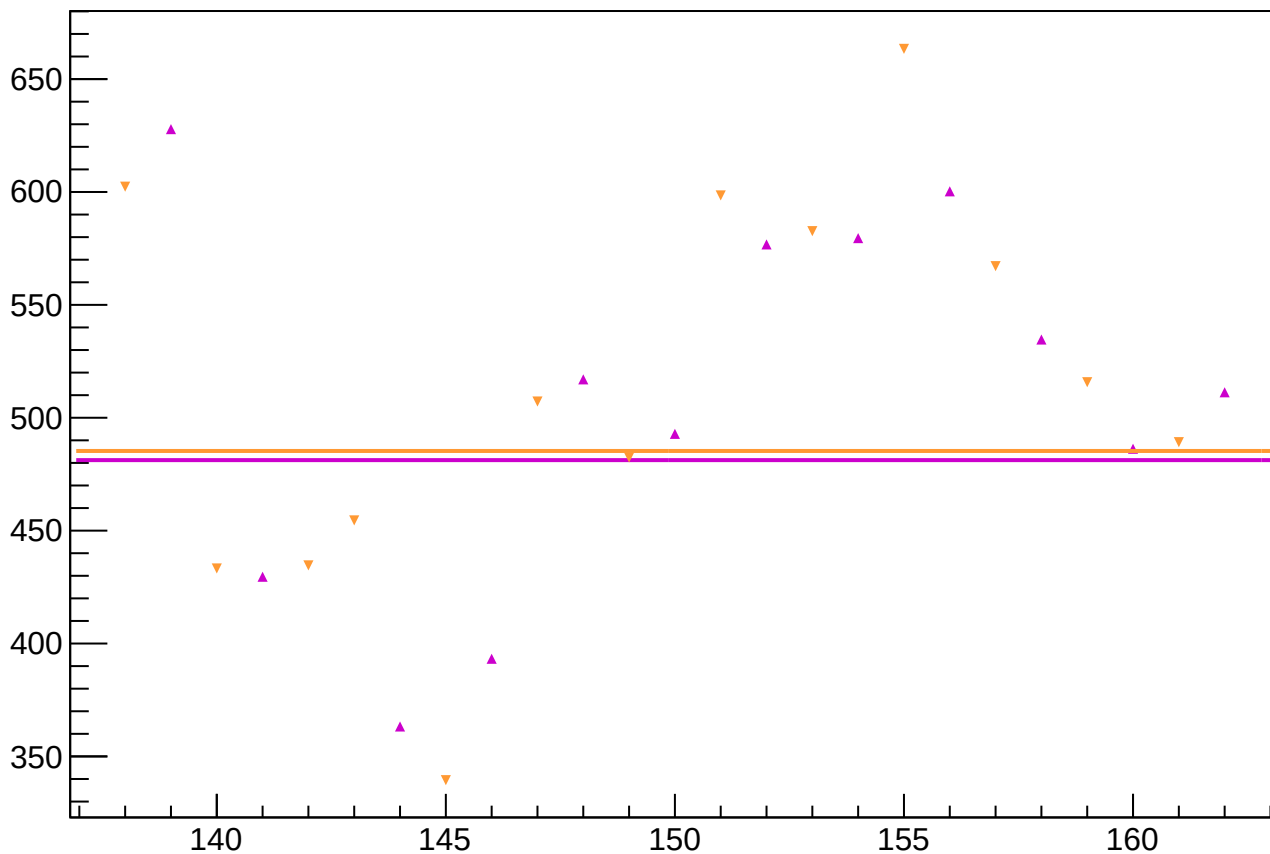
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 124.423+/-156.167 χ^2/NDF :6.8/11

Out: -858.915+/-158.323 χ^2/NDF :27.8/12

All: -360.504+/-111.181 χ^2/NDF : 54.1/24

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 485.290+/-0.112 χ^2/NDF :630588.0/12

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

Left In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Left: 483.233+/-0.079 χ^2/NDF : 1184448.3/24

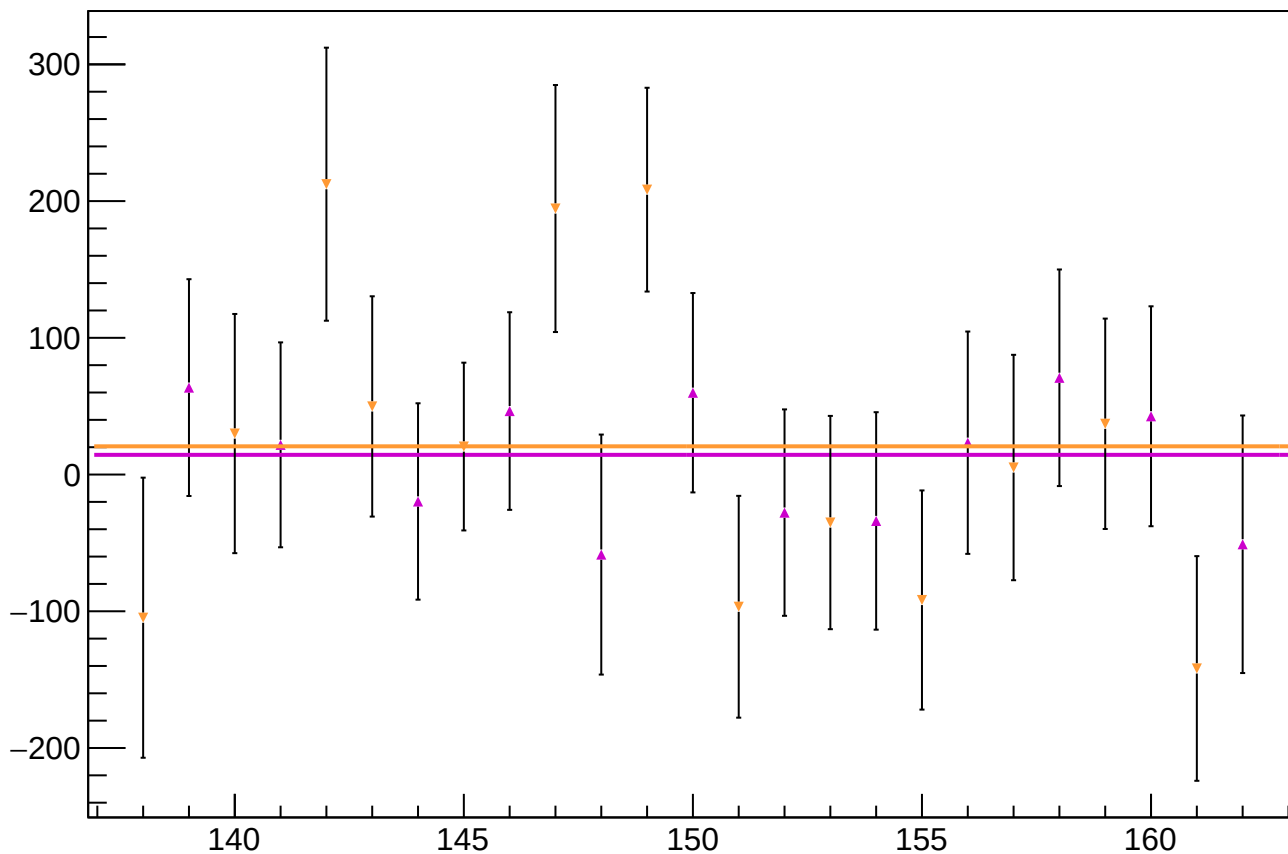
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Out: 485.290+/-0.112 χ^2/NDF :630588.0/12

All: 483.233+/-0.079 χ^2/NDF : 1184448.3/24

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 20.644 $\pm$ 22.445 χ^2 /NDF:23.9/12

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

Left In: 14.407 $\pm$ 22.634 χ^2 /NDF:3.7/11

Left: 17.552 $\pm$ 15.937 χ^2 /NDF: 27.7/24

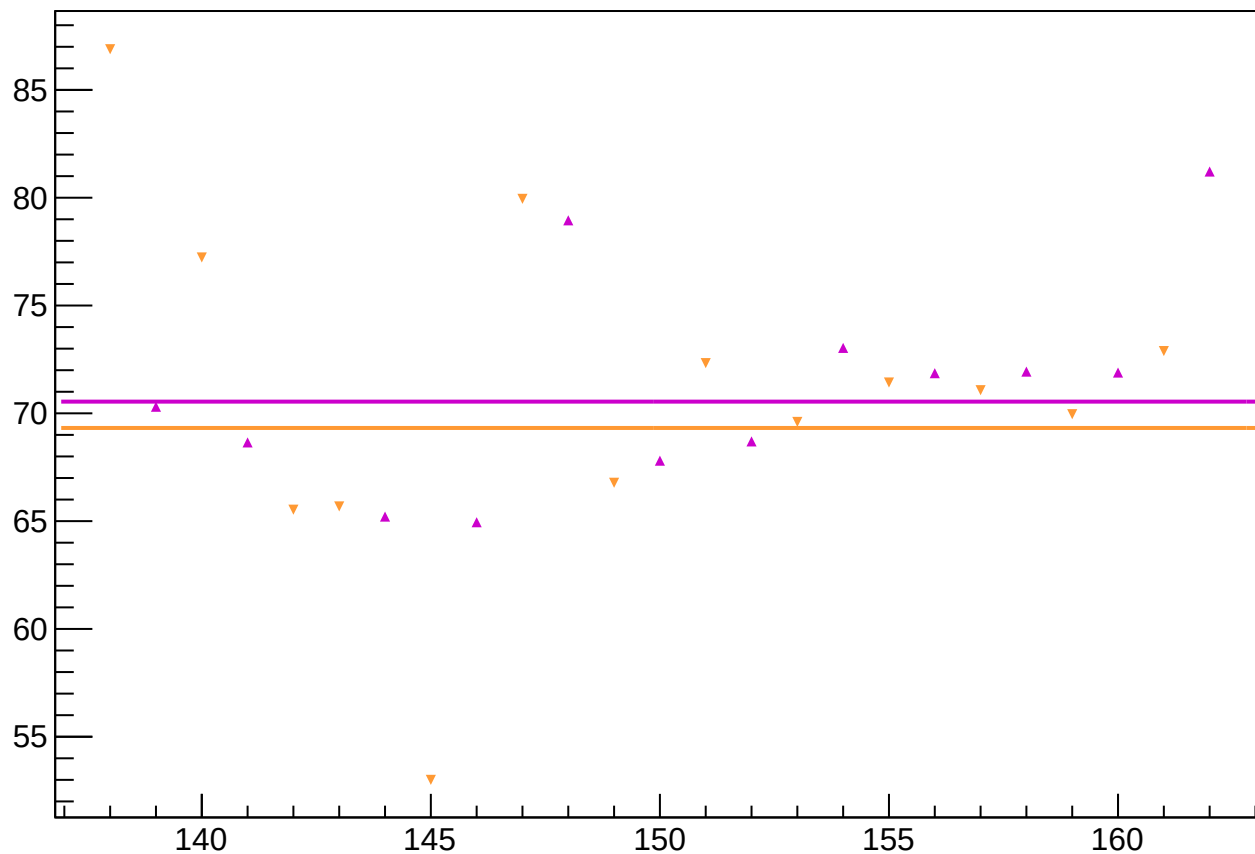
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 14.407 $\pm$ 22.634 χ^2 /NDF:3.7/11

Out: 20.644 $\pm$ 22.445 χ^2 /NDF:23.9/12

All: 17.552 $\pm$ 15.937 χ^2 /NDF: 27.7/24

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 69.321±/-0.016 χ^2/NDF :262624.4/12

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

Left In: 70.543±/-0.016 χ^2/NDF :76013.8/11

Left: 69.927±/-0.011 χ^2/NDF : 341574.8/24

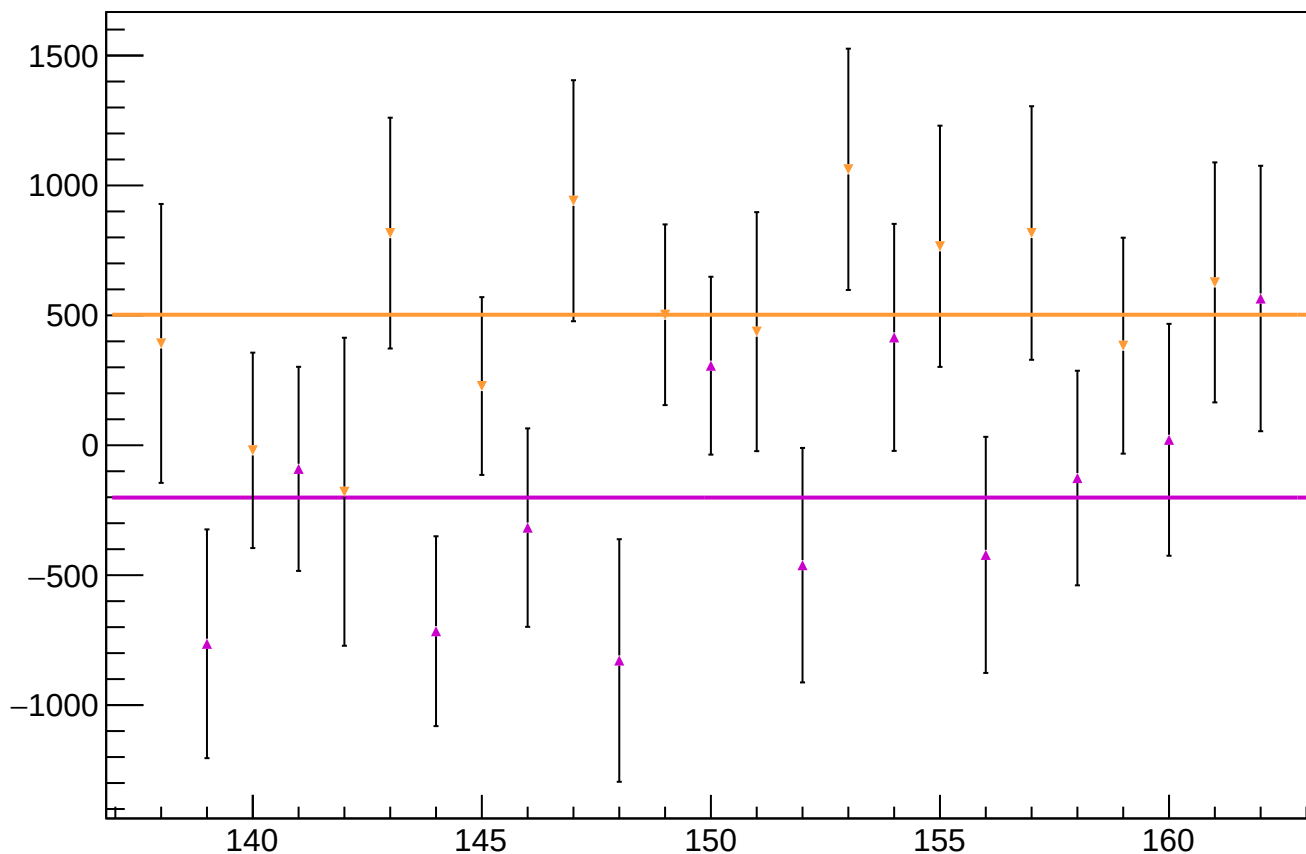
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 70.543±/-0.016 χ^2/NDF :76013.8/11

Out: 69.321±/-0.016 χ^2/NDF :262624.4/12

All: 69.927±/-0.011 χ^2/NDF : 341574.8/24

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: 502.380+/-120.739 χ^2/NDF : 7.7/12

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

Left In: -201.306+/-120.539 χ^2/NDF : 12.9/11

Left: 149.952+/-85.305 χ^2/NDF : 37.6/24

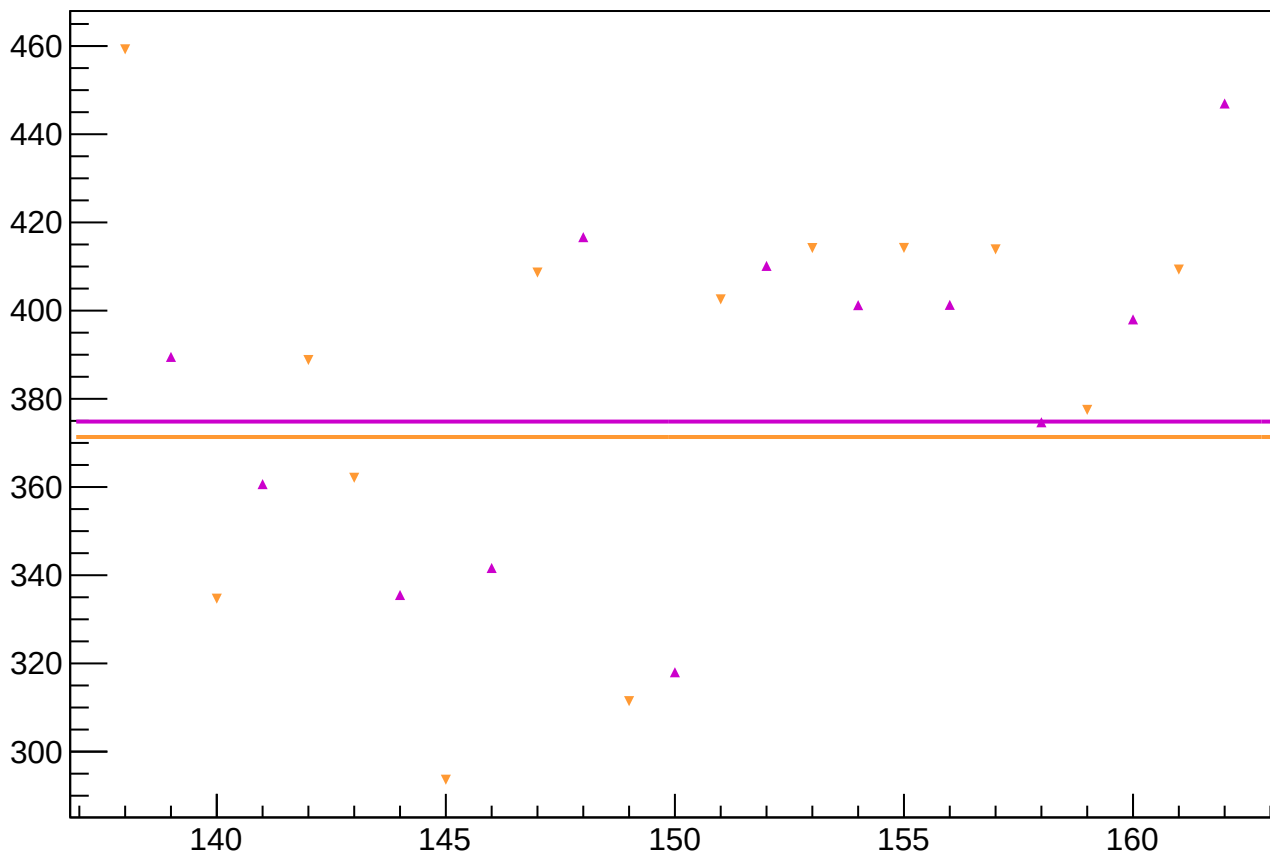
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.306+/-120.539 χ^2/NDF : 12.9/11

Out: 502.380+/-120.739 χ^2/NDF : 7.7/12

All: 149.952+/-85.305 χ^2/NDF : 37.6/24

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: 371.342+/-0.085 χ^2/NDF :323172.8/12

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

Left In: 374.843+/-0.085 χ^2/NDF :185925.4/11

Left: 373.095+/-0.060 χ^2/NDF : 509940.0/24

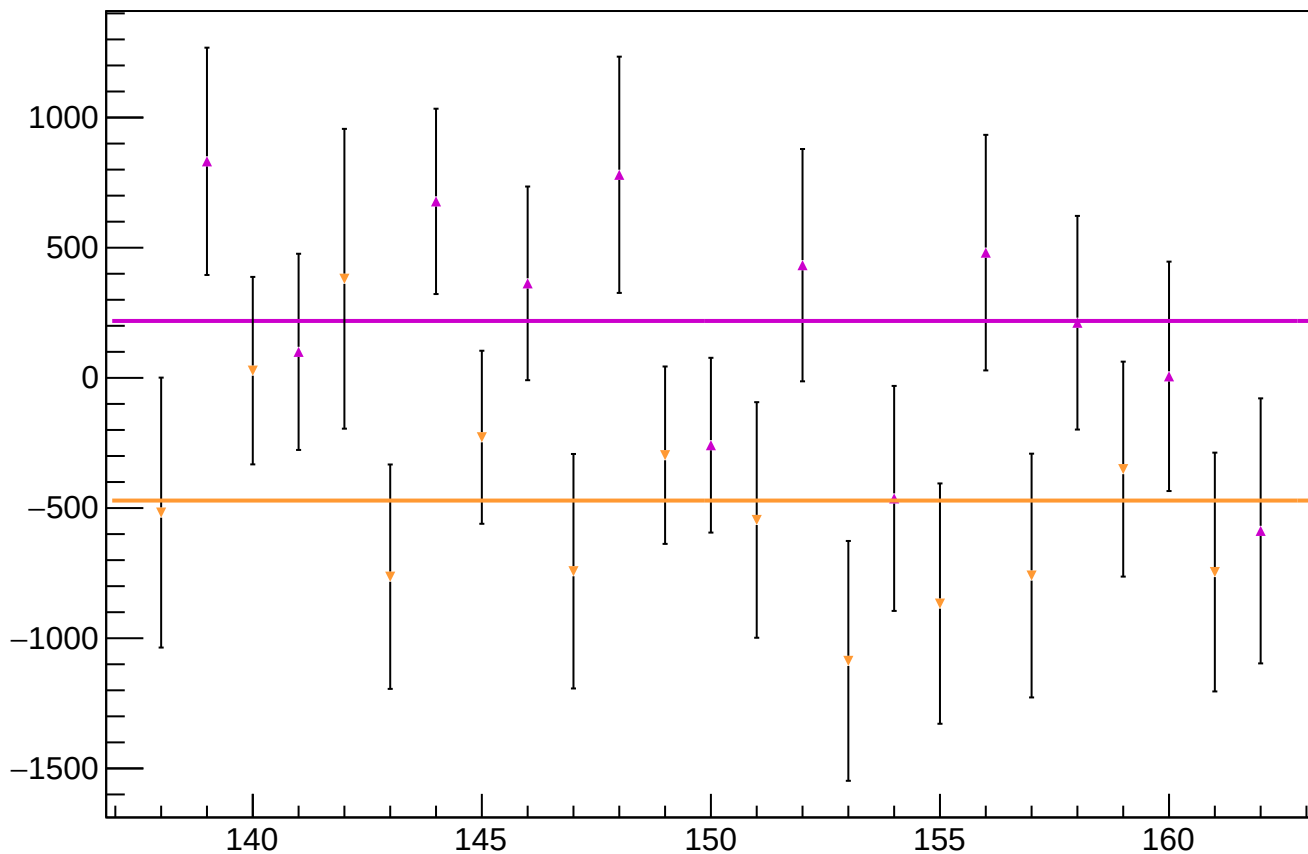
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.843+/-0.085 χ^2/NDF :185925.4/11

Out: 371.342+/-0.085 χ^2/NDF :323172.8/12

All: 373.095+/-0.060 χ^2/NDF : 509940.0/24

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -471.167+/-117.921 χ^2/NDF : 9.1/12

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

Left In: 218.686+/-118.376 χ^2/NDF : 13.2/11

Left: -127.568+/-83.543 χ^2/NDF : 39.4/24

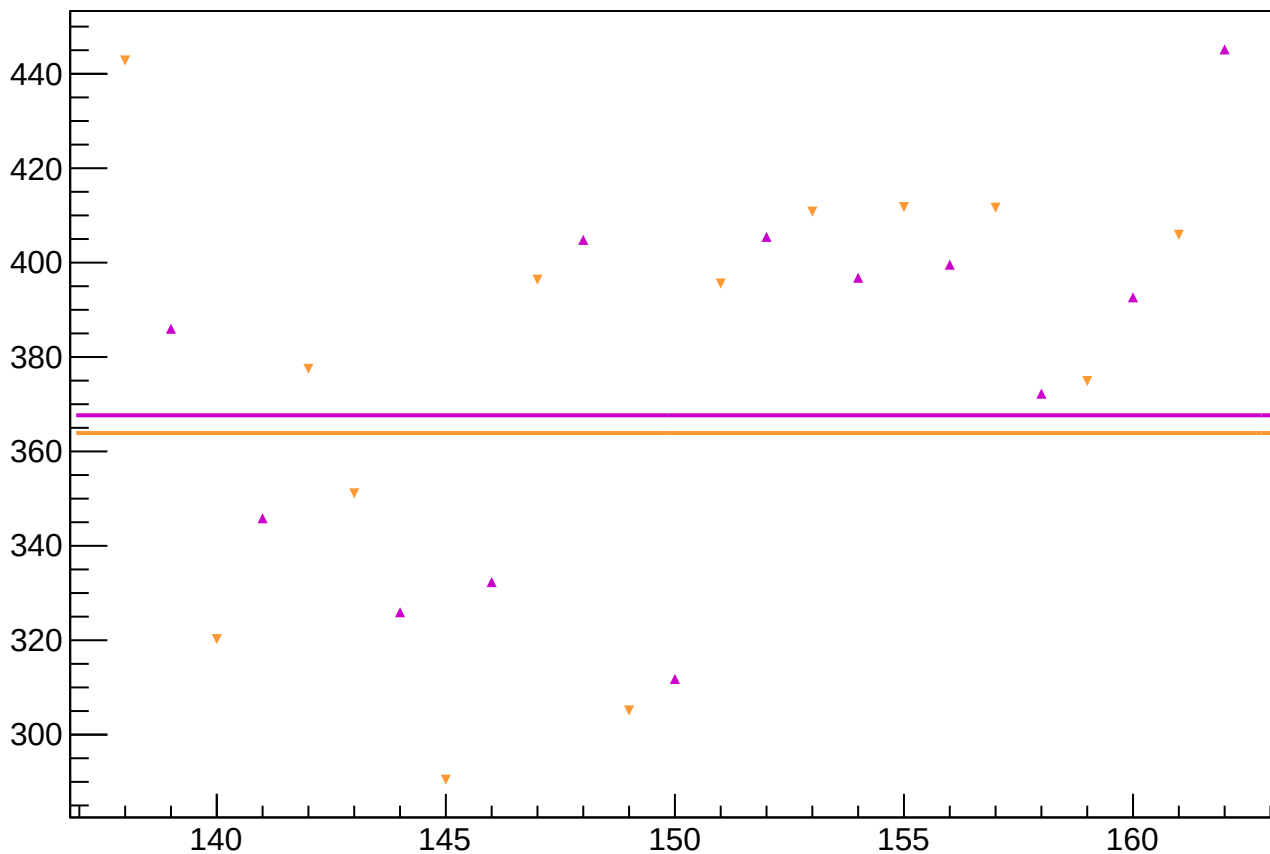
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.686+/-118.376 χ^2/NDF : 13.2/11

Out: -471.167+/-117.921 χ^2/NDF : 9.1/12

All: -127.568+/-83.543 χ^2/NDF : 39.4/24

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 363.907+/-0.083 χ^2/NDF :337287.7/12

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

Left In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Left: 365.774+/-0.059 χ^2/NDF : 549338.1/24

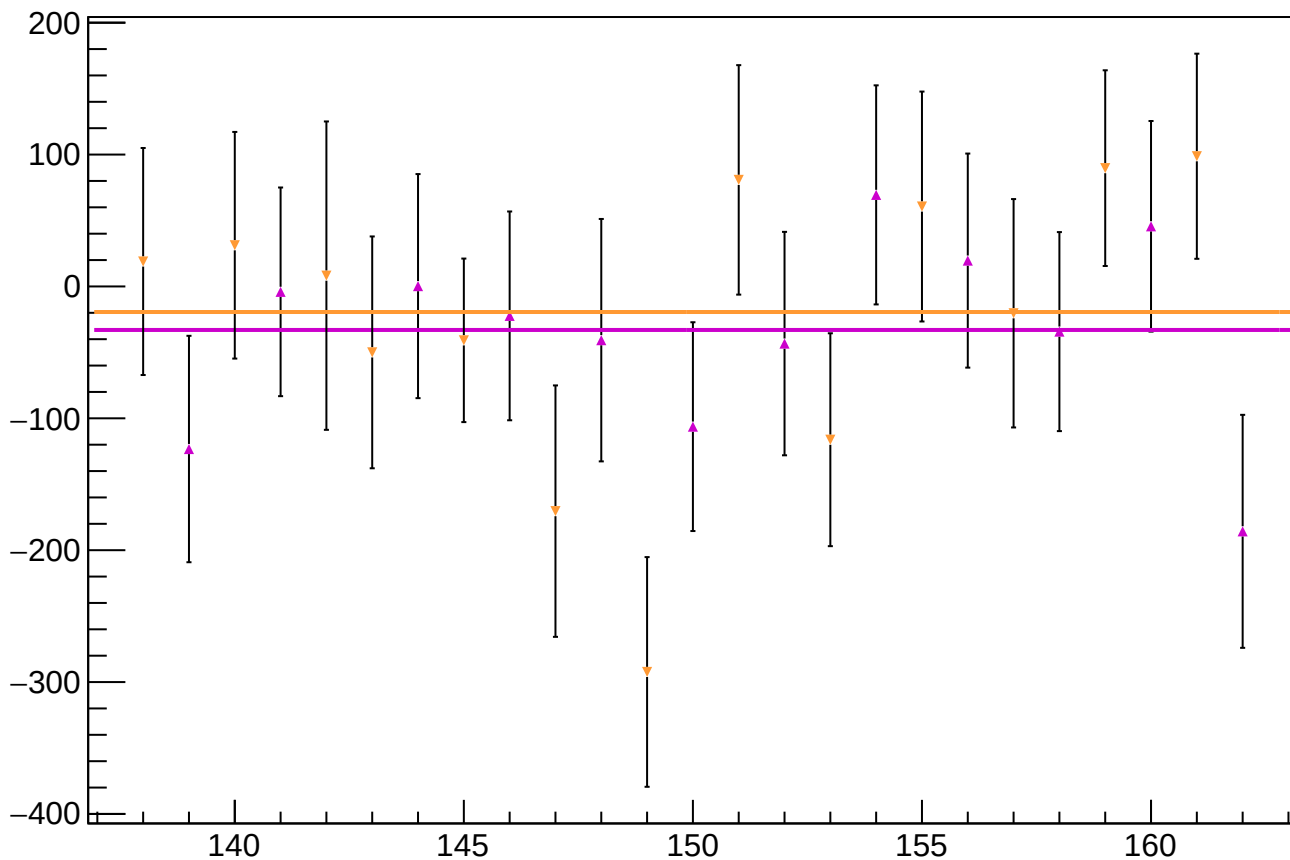
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Out: 363.907+/-0.083 χ^2/NDF :337287.7/12

All: 365.774+/-0.059 χ^2/NDF : 549338.1/24

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -19.385 $\pm$ 23.110 χ^2 /NDF:21.2/12

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

Left In: -33.000 $\pm$ 23.781 χ^2 /NDF:8.2/11

Left: -25.997 $\pm$ 16.573 χ^2 /NDF: 29.6/24

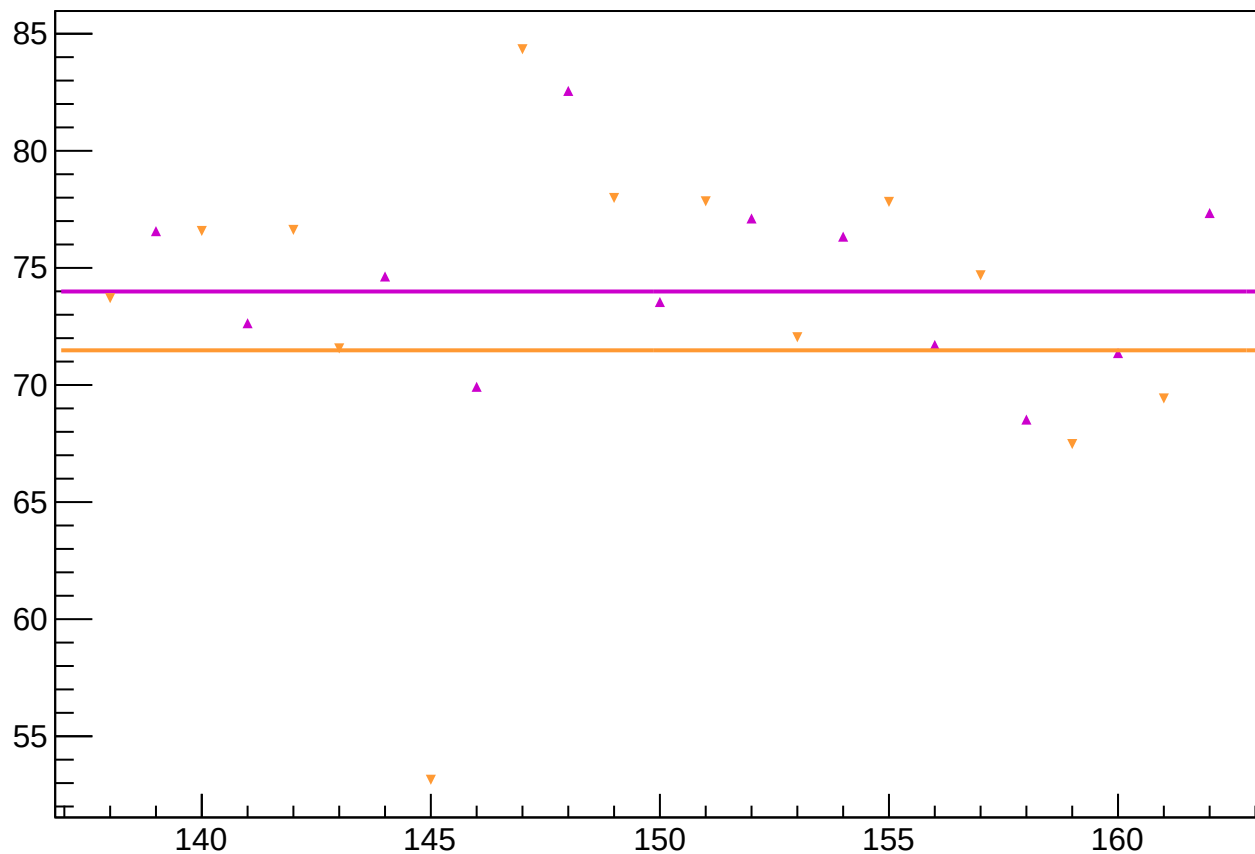
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -33.000 $\pm$ 23.781 χ^2 /NDF:8.2/11

Out: -19.385 $\pm$ 23.110 χ^2 /NDF:21.2/12

All: -25.997 $\pm$ 16.573 χ^2 /NDF: 29.6/24

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 71.481+/-0.016 χ^2 /NDF:266077.7/12

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

Left In: 73.993+/-0.017 χ^2 /NDF:46659.3/11

Left: 72.701+/-0.012 χ^2 /NDF: 324214.6/24

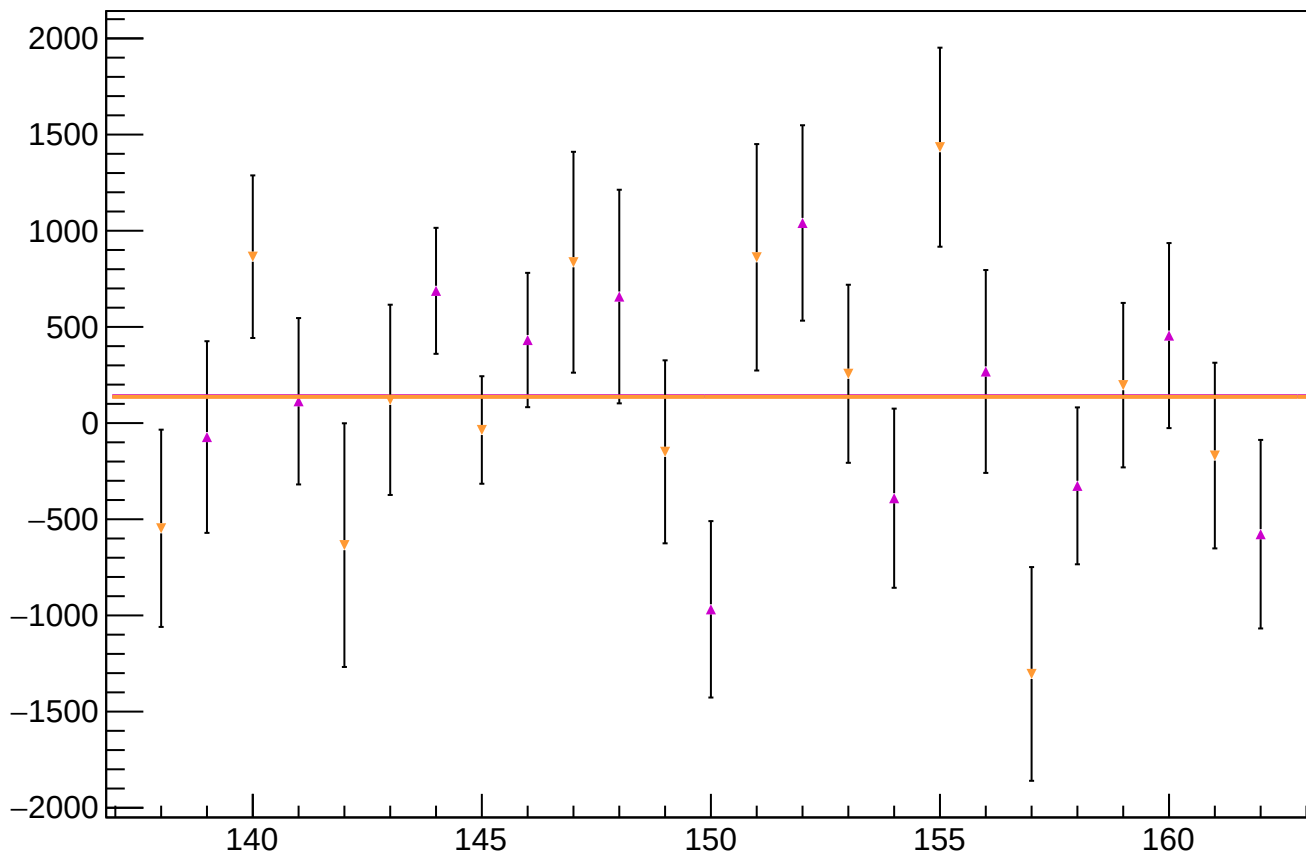
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 73.993+/-0.017 χ^2 /NDF:46659.3/11

Out: 71.481+/-0.016 χ^2 /NDF:266077.7/12

All: 72.701+/-0.012 χ^2 /NDF: 324214.6/24

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: 136.517+/-128.544 χ^2/NDF :23.5/12

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

Left In: 139.799+/-127.546 χ^2/NDF :18.8/11

Left: 138.171+/-90.540 χ^2/NDF : 42.2/24

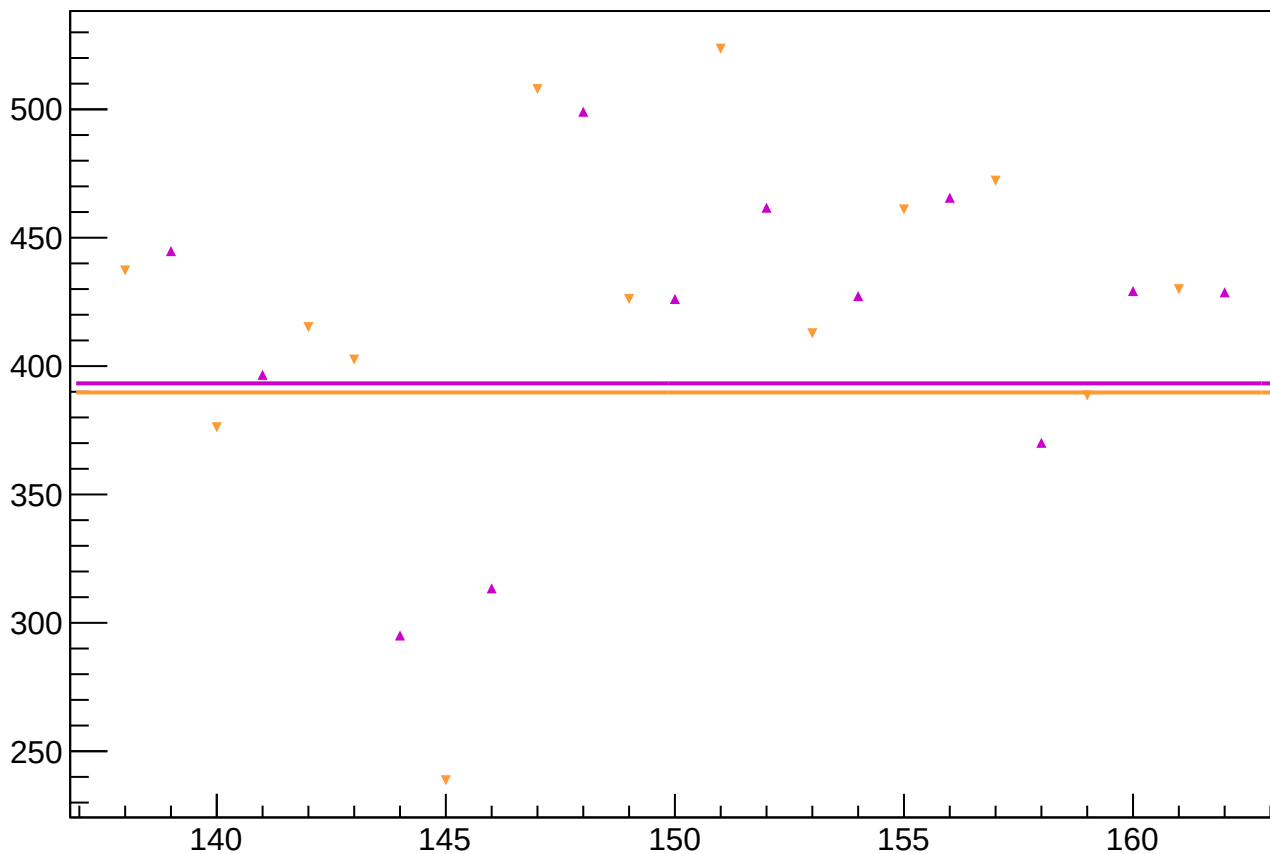
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 139.799+/-127.546 χ^2/NDF :18.8/11

Out: 136.517+/-128.544 χ^2/NDF :23.5/12

All: 138.171+/-90.540 χ^2/NDF : 42.2/24

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: 389.731+/-0.091 χ^2/NDF :908431.4/12

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

Left In: 393.280+/-0.090 χ^2/NDF :501343.1/11

Left: 391.520+/-0.064 χ^2/NDF : 1410542.9/24

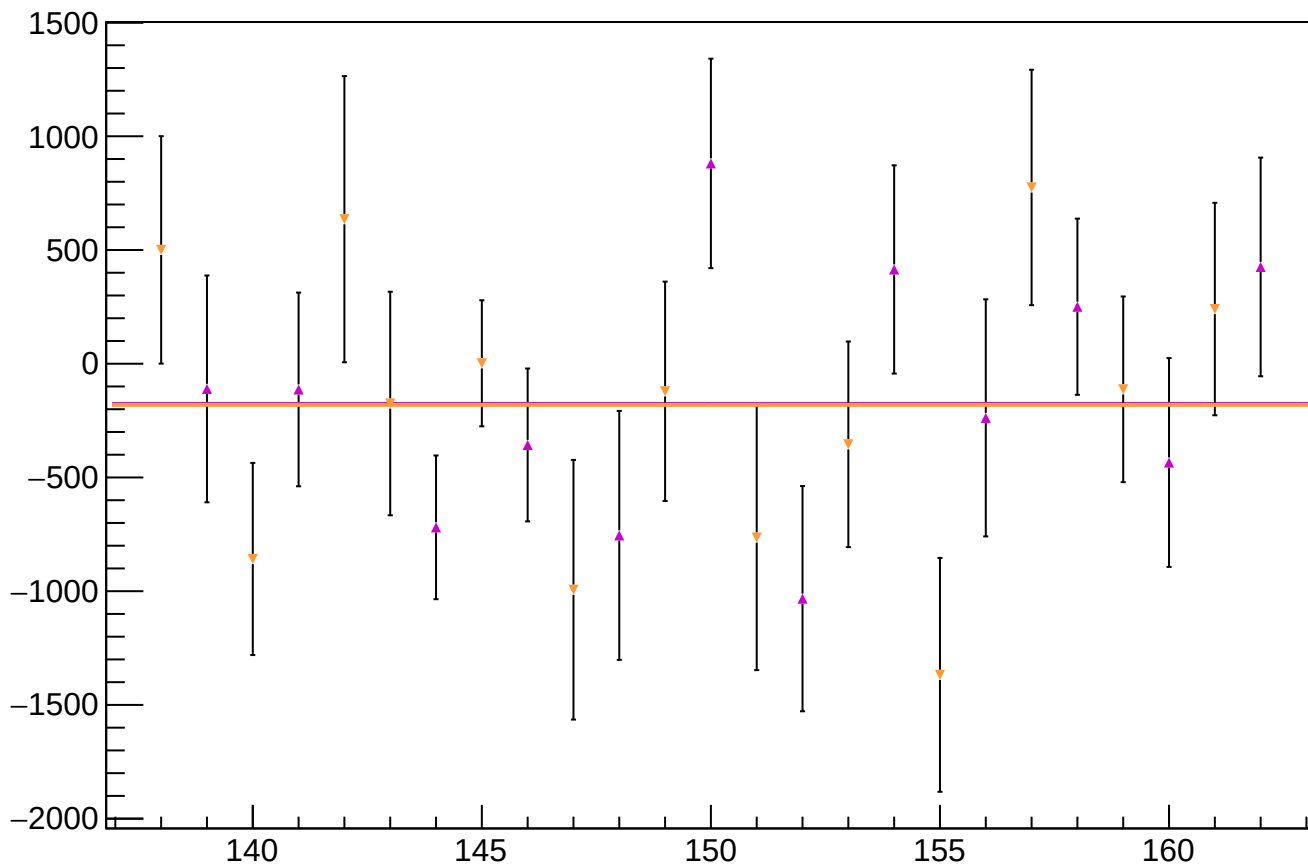
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 393.280+/-0.090 χ^2/NDF :501343.1/11

Out: 389.731+/-0.091 χ^2/NDF :908431.4/12

All: 391.520+/-0.064 χ^2/NDF : 1410542.9/24

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -180.688+/-126.382 χ^2/NDF :19.3/12

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

Left In: -177.123+/-124.275 χ^2/NDF :17.4/11

Left: -178.876+/-88.611 χ^2/NDF : 36.8/24

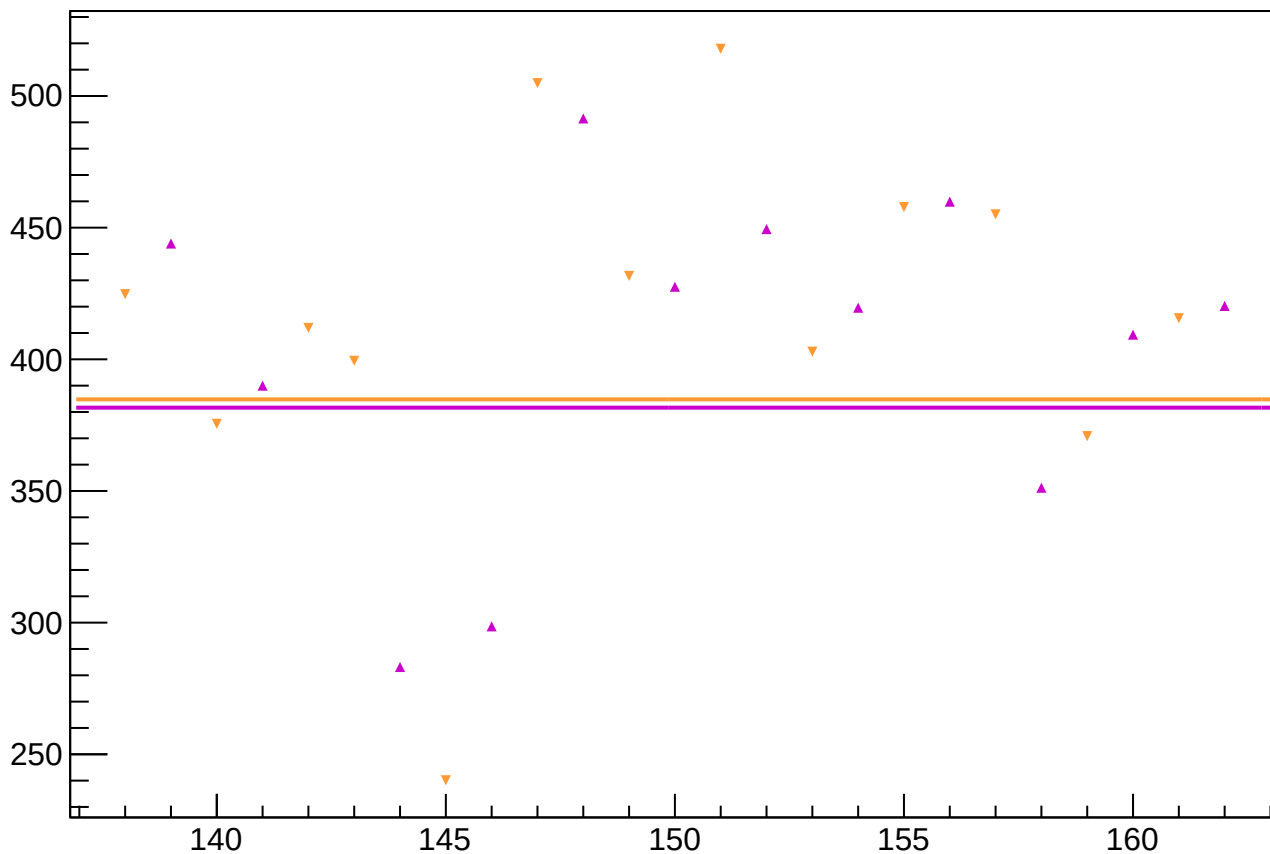
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -177.123+/-124.275 χ^2/NDF :17.4/11

Out: -180.688+/-126.382 χ^2/NDF :19.3/12

All: -178.876+/-88.611 χ^2/NDF : 36.8/24

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 384.800+/-0.089 χ^2/NDF :867595.4/12

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

Left In: 381.641+/-0.088 χ^2/NDF :577974.8/11

Left: 383.194+/-0.063 χ^2/NDF : 1446205.3/24

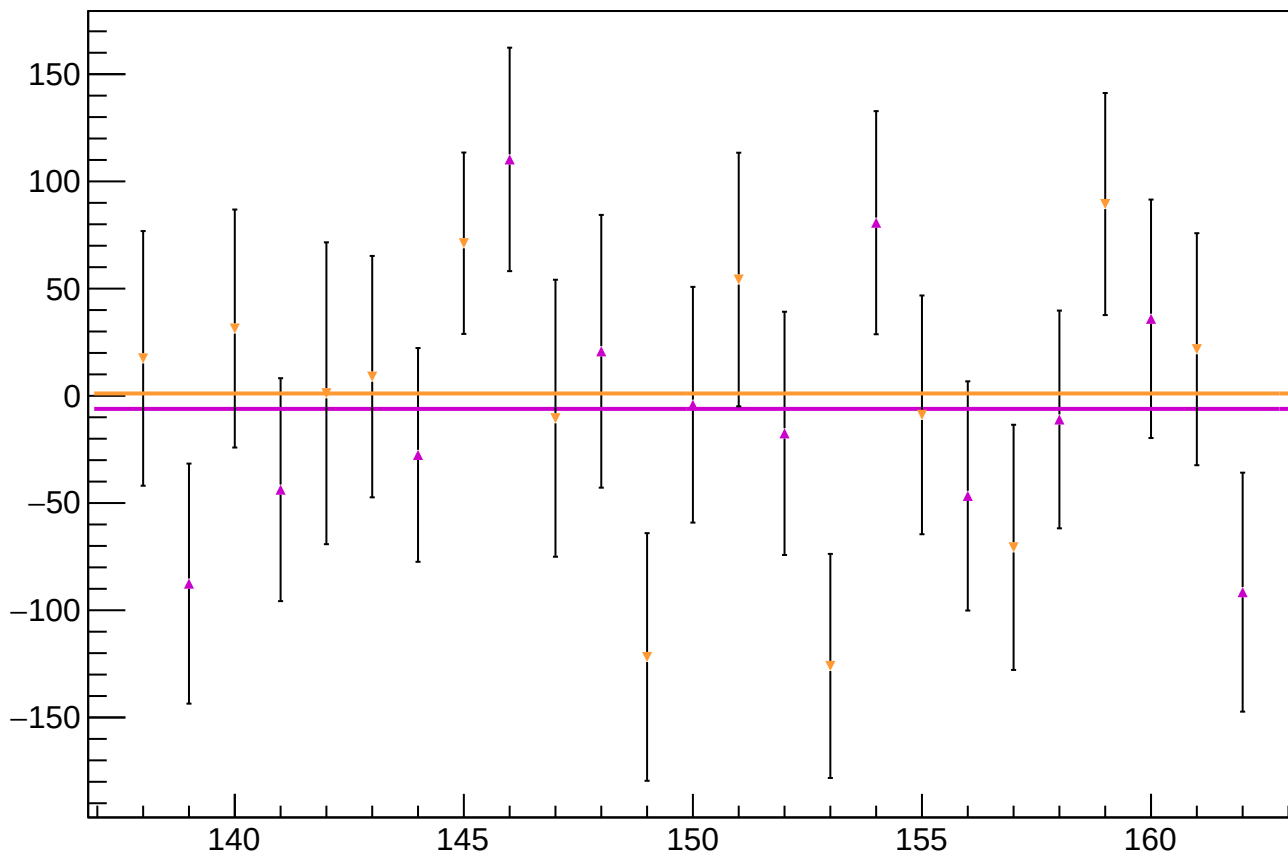
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.641+/-0.088 χ^2/NDF :577974.8/11

Out: 384.800+/-0.089 χ^2/NDF :867595.4/12

All: 383.194+/-0.063 χ^2/NDF : 1446205.3/24

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 1.098 $\pm$ 15.395 χ^2 /NDF:19.1/12

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

Left In: -6.086 $\pm$ 15.614 χ^2 /NDF:14.3/11

Left: -2.443 $\pm$ 10.962 χ^2 /NDF: 33.5/24

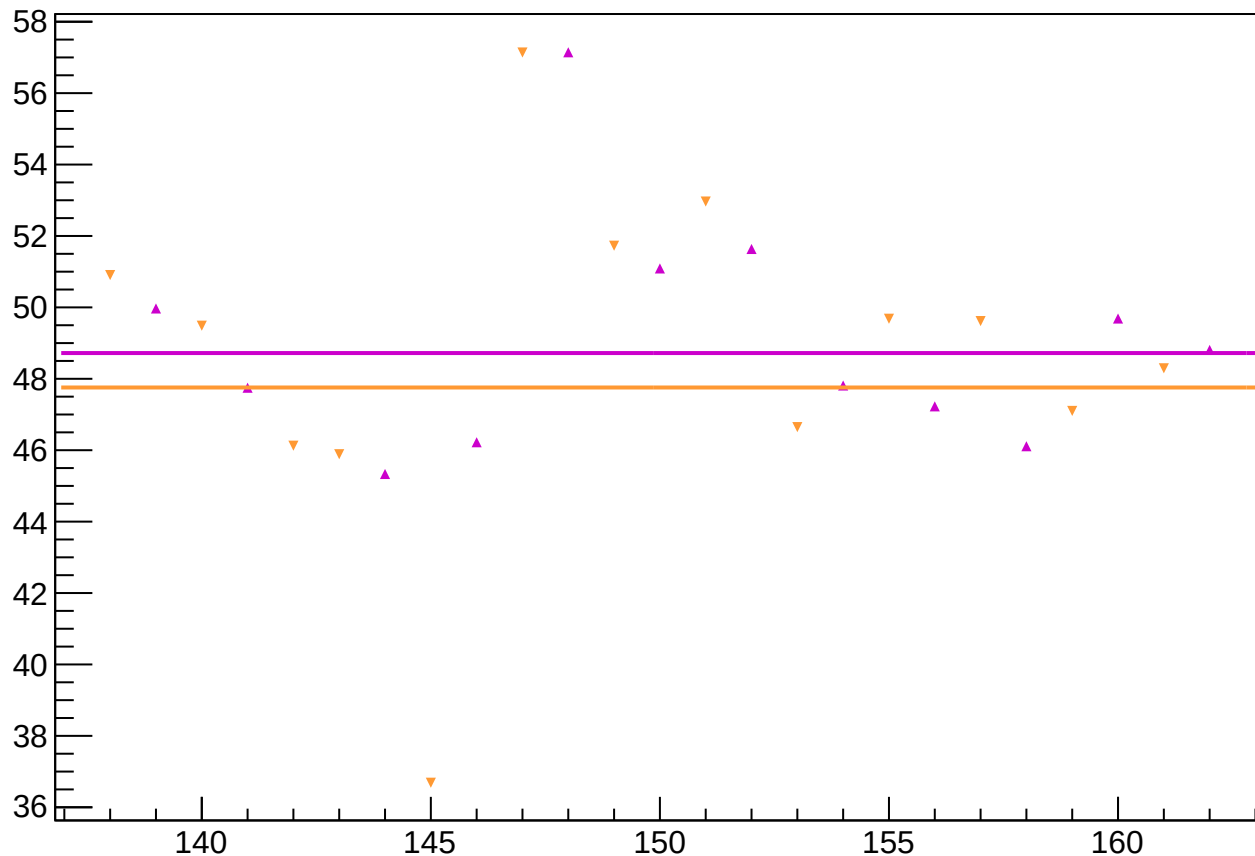
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.086 $\pm$ 15.614 χ^2 /NDF:14.3/11

Out: 1.098 $\pm$ 15.395 χ^2 /NDF:19.1/12

All: -2.443 $\pm$ 10.962 χ^2 /NDF: 33.5/24

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 47.756+/-0.011 χ^2/NDF :220924.0/12

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

Left In: 48.721+/-0.011 χ^2/NDF :67666.1/11

Left: 48.232+/-0.008 χ^2/NDF : 292459.5/24

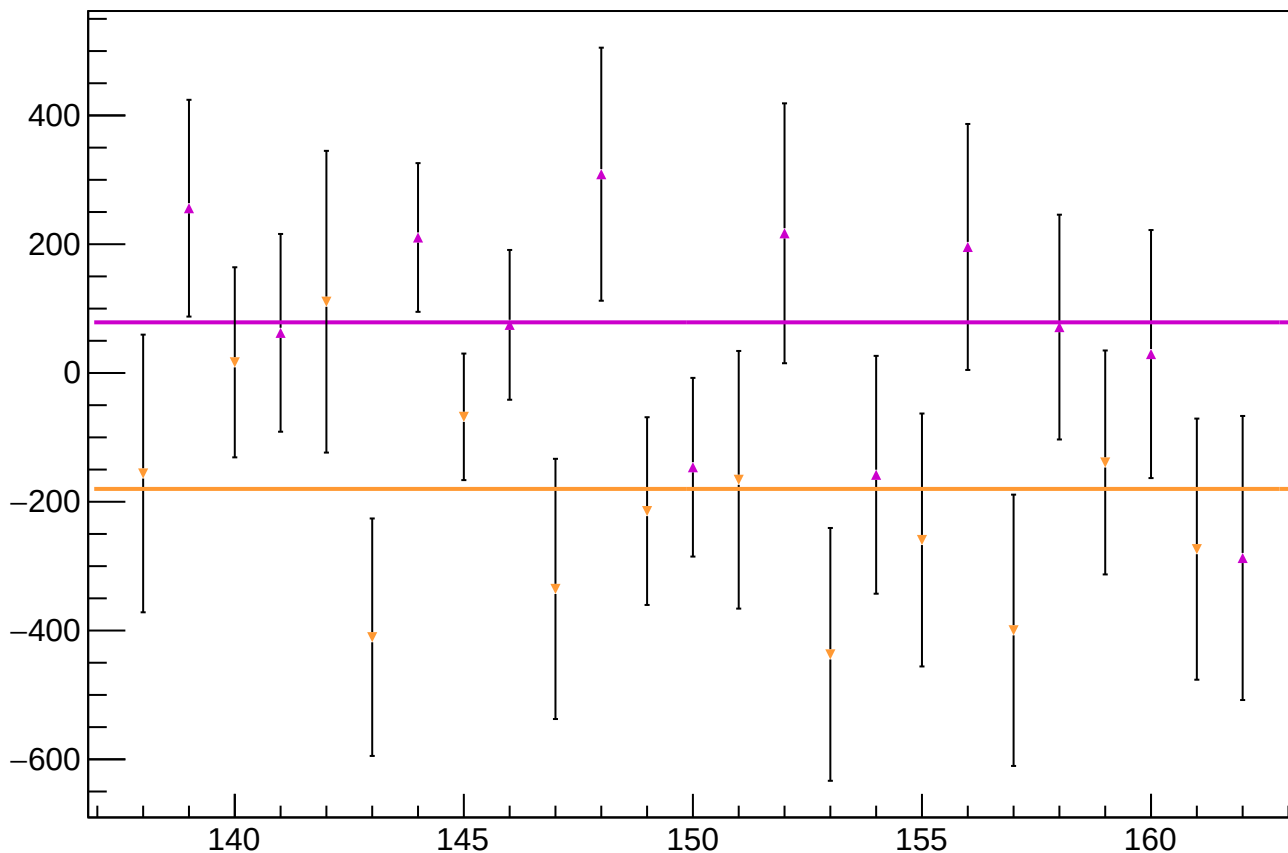
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.721+/-0.011 χ^2/NDF :67666.1/11

Out: 47.756+/-0.011 χ^2/NDF :220924.0/12

All: 48.232+/-0.008 χ^2/NDF : 292459.5/24

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: -180.042+/-47.304 χ^2/NDF :10.1/12

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

Left In: 78.665+/-46.324 χ^2/NDF :11.7/11

Left: -47.979+/-33.097 χ^2/NDF : 37.1/24

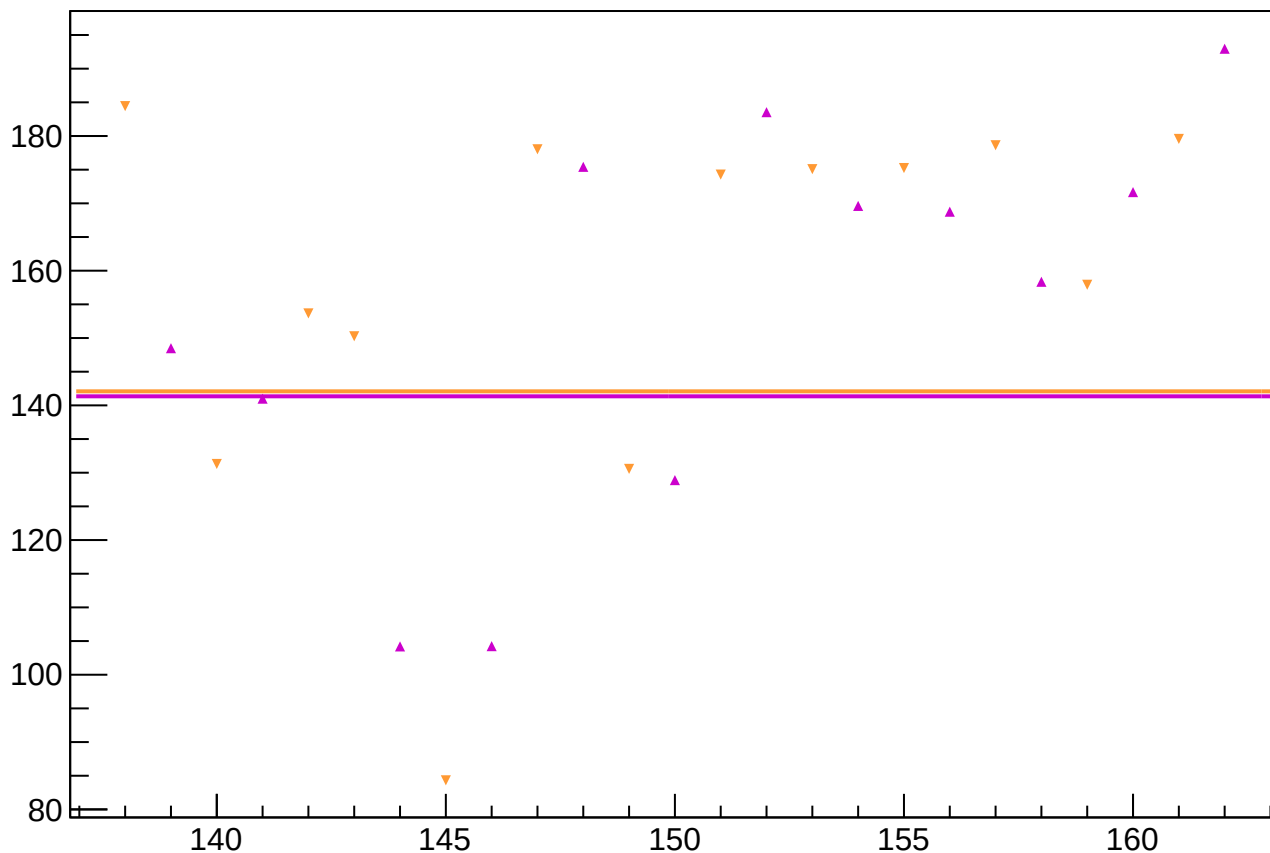
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.665+/-46.324 χ^2/NDF :11.7/11

Out: -180.042+/-47.304 χ^2/NDF :10.1/12

All: -47.979+/-33.097 χ^2/NDF : 37.1/24

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: 142.085+/-0.033 χ^2/NDF :1173962.5/12

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

Left In: 141.344+/-0.033 χ^2/NDF :843721.6/11

Left: 141.707+/-0.023 χ^2/NDF : 2017934.3/24

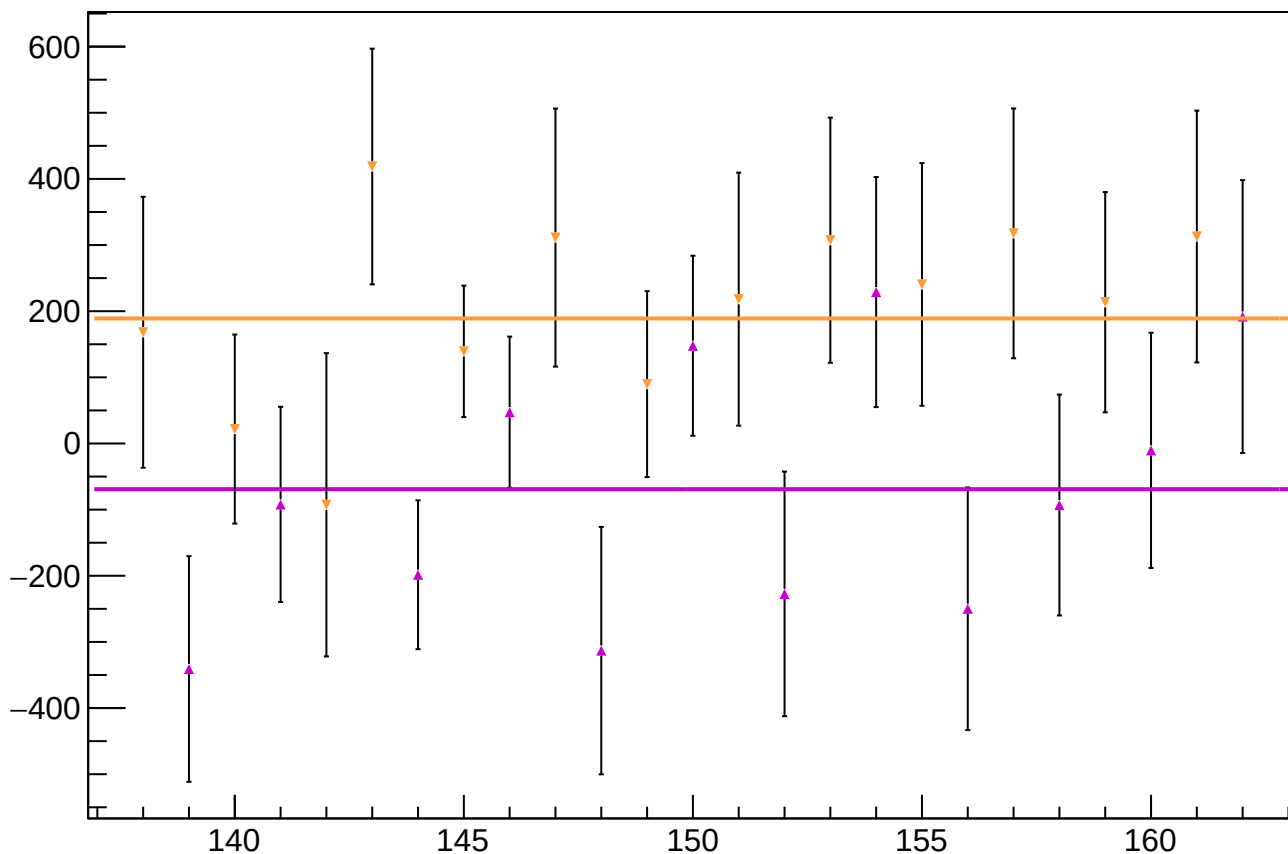
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.344+/-0.033 χ^2/NDF :843721.6/11

Out: 142.085+/-0.033 χ^2/NDF :1173962.5/12

All: 141.707+/-0.023 χ^2/NDF : 2017934.3/24

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 189.057 $\pm$ 45.669 χ^2 /NDF:7.1/12

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

Left In: -69.044 $\pm$ 44.656 χ^2 /NDF:15.5/11

Left: 57.111 $\pm$ 31.929 χ^2 /NDF: 39.0/24

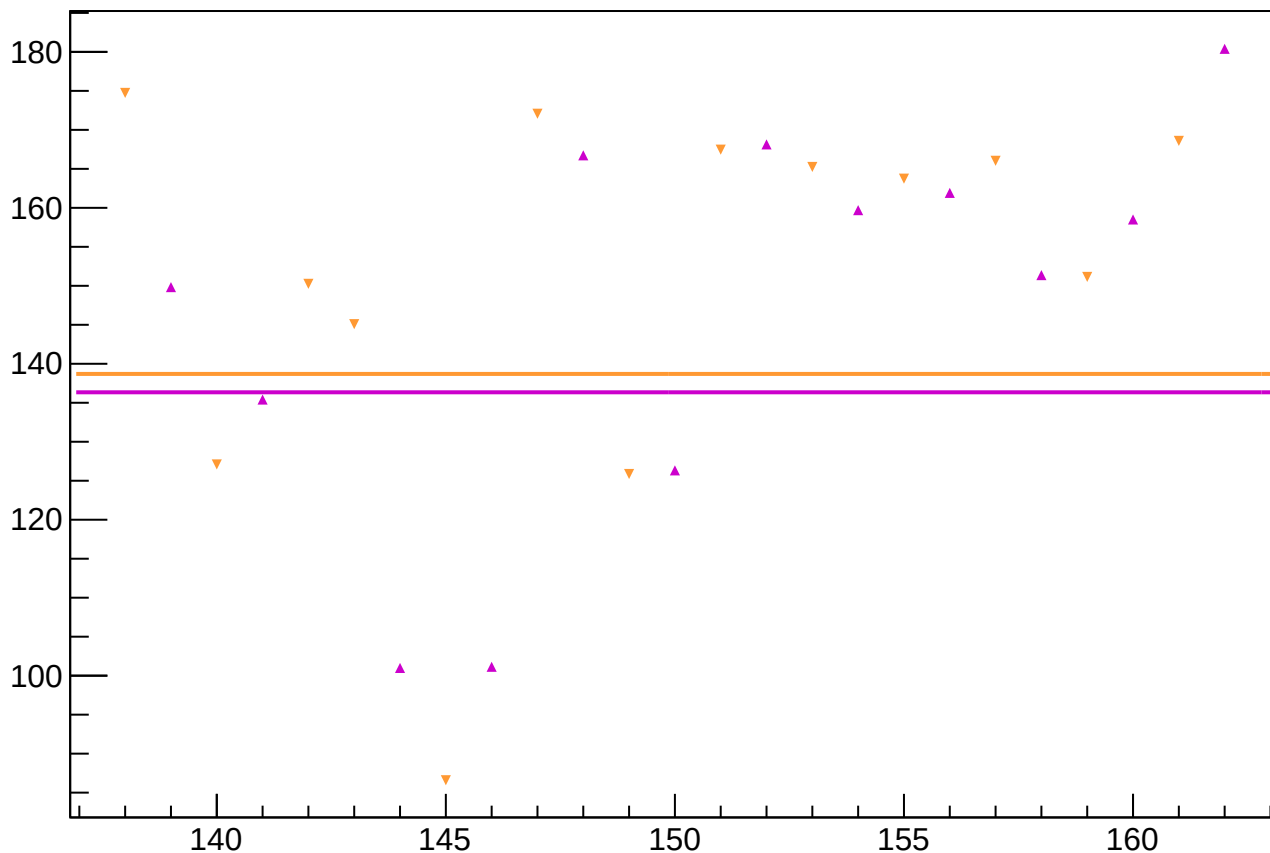
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -69.044 $\pm$ 44.656 χ^2 /NDF:15.5/11

Out: 189.057 $\pm$ 45.669 χ^2 /NDF:7.1/12

All: 57.111 $\pm$ 31.929 χ^2 /NDF: 39.0/24

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 138.699+/-0.032 χ^2/NDF :934388.3/12

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

Left In: 136.343+/-0.032 χ^2/NDF :735989.6/11

Left: 137.495+/-0.023 χ^2/NDF : 1673099.3/24

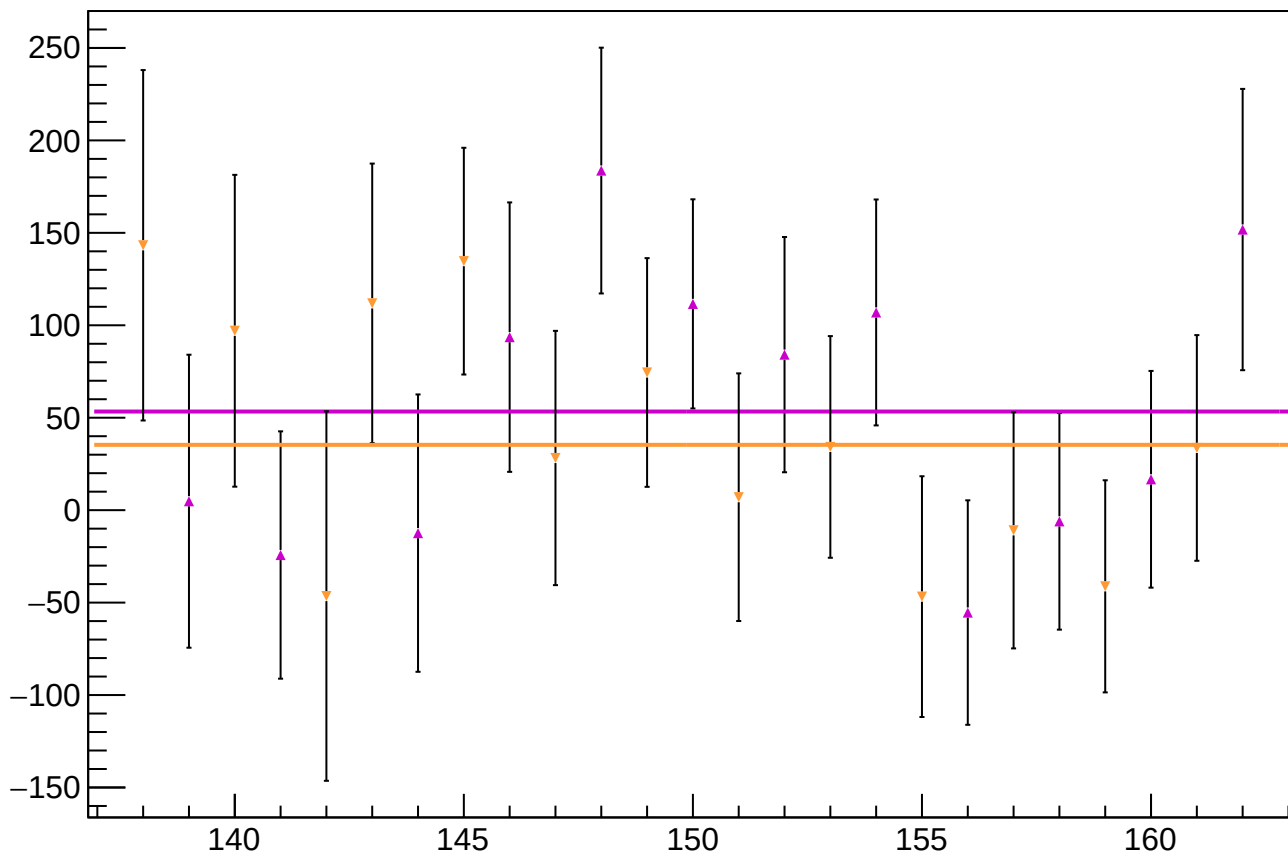
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.343+/-0.032 χ^2/NDF :735989.6/11

Out: 138.699+/-0.032 χ^2/NDF :934388.3/12

All: 137.495+/-0.023 χ^2/NDF : 1673099.3/24

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 35.335 $\pm$ 18.830 χ^2 /NDF:10.6/12

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

Left In: 53.349 $\pm$ 18.801 χ^2 /NDF:15.0/11

Left: 44.356 $\pm$ 13.305 χ^2 /NDF: 26.1/24

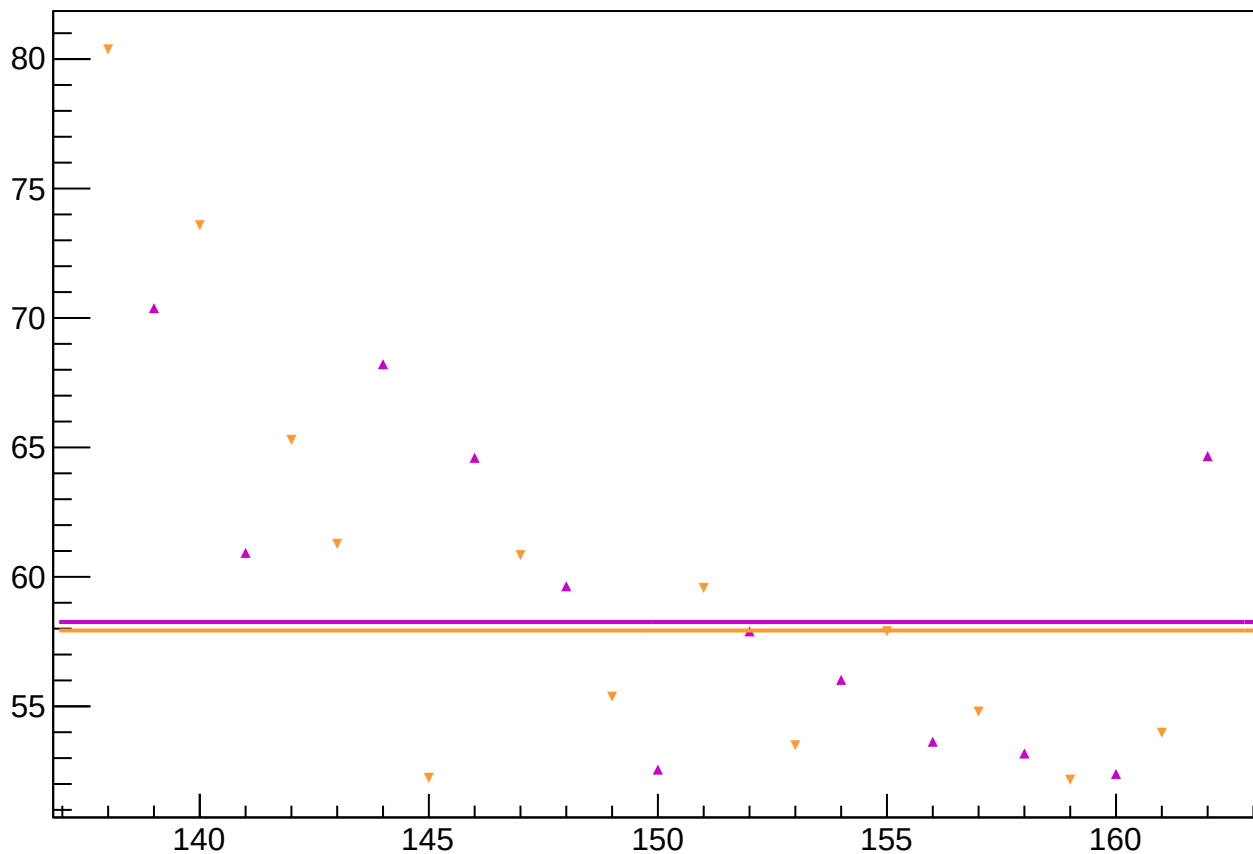
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 53.349 $\pm$ 18.801 χ^2 /NDF:15.0/11

Out: 35.335 $\pm$ 18.830 χ^2 /NDF:10.6/12

All: 44.356 $\pm$ 13.305 χ^2 /NDF: 26.1/24

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 57.929+/-0.013 χ^2/NDF :265626.9/12

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

Left In: 58.257+/-0.013 χ^2/NDF :185196.6/11

Left: 58.093+/-0.009 χ^2/NDF : 451126.4/24

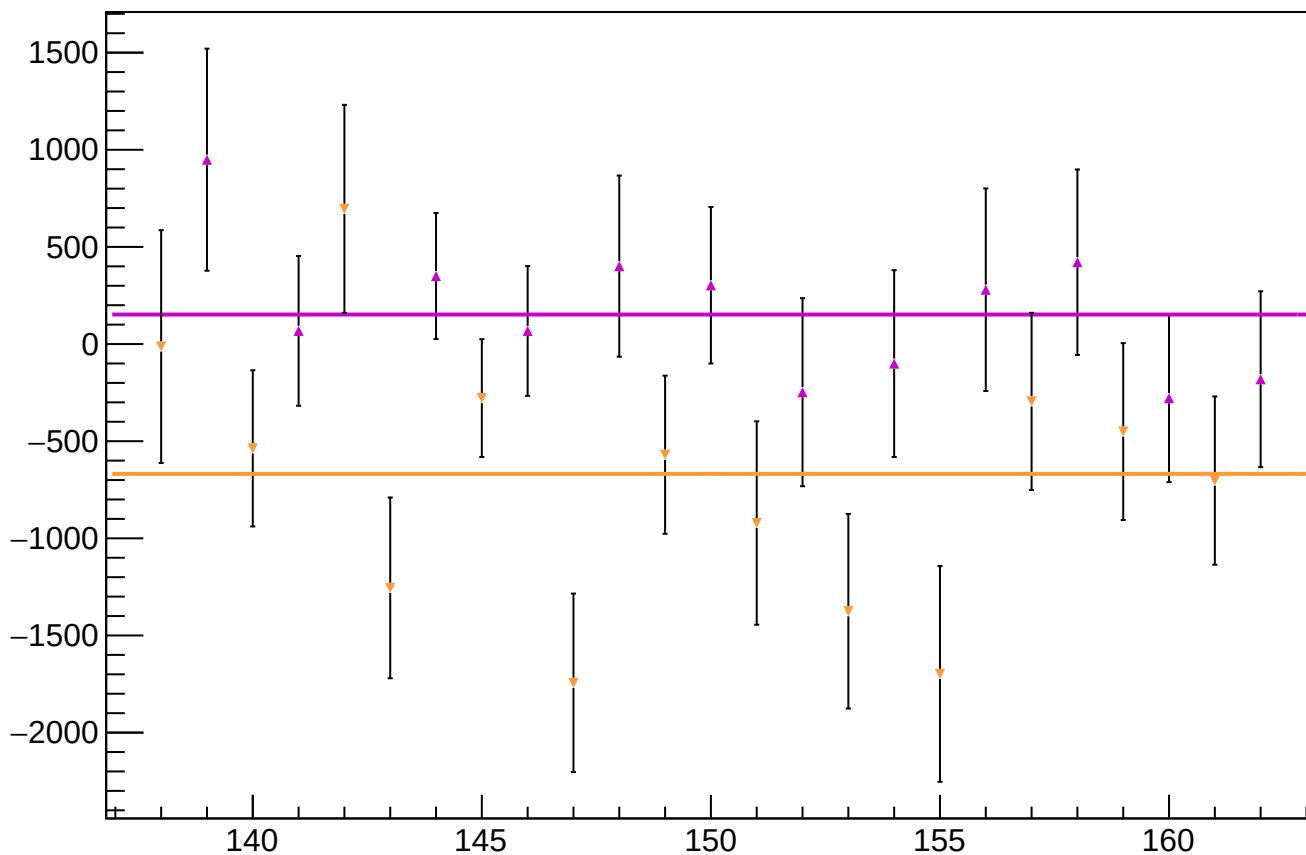
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.257+/-0.013 χ^2/NDF :185196.6/11

Out: 57.929+/-0.013 χ^2/NDF :265626.9/12

All: 58.093+/-0.009 χ^2/NDF : 451126.4/24

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -668.227+/-124.444 χ^2/NDF :23.2/12

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

Left In: 151.952+/-123.174 χ^2/NDF :5.7/11

Left: -253.930+/-87.543 χ^2/NDF : 50.8/24

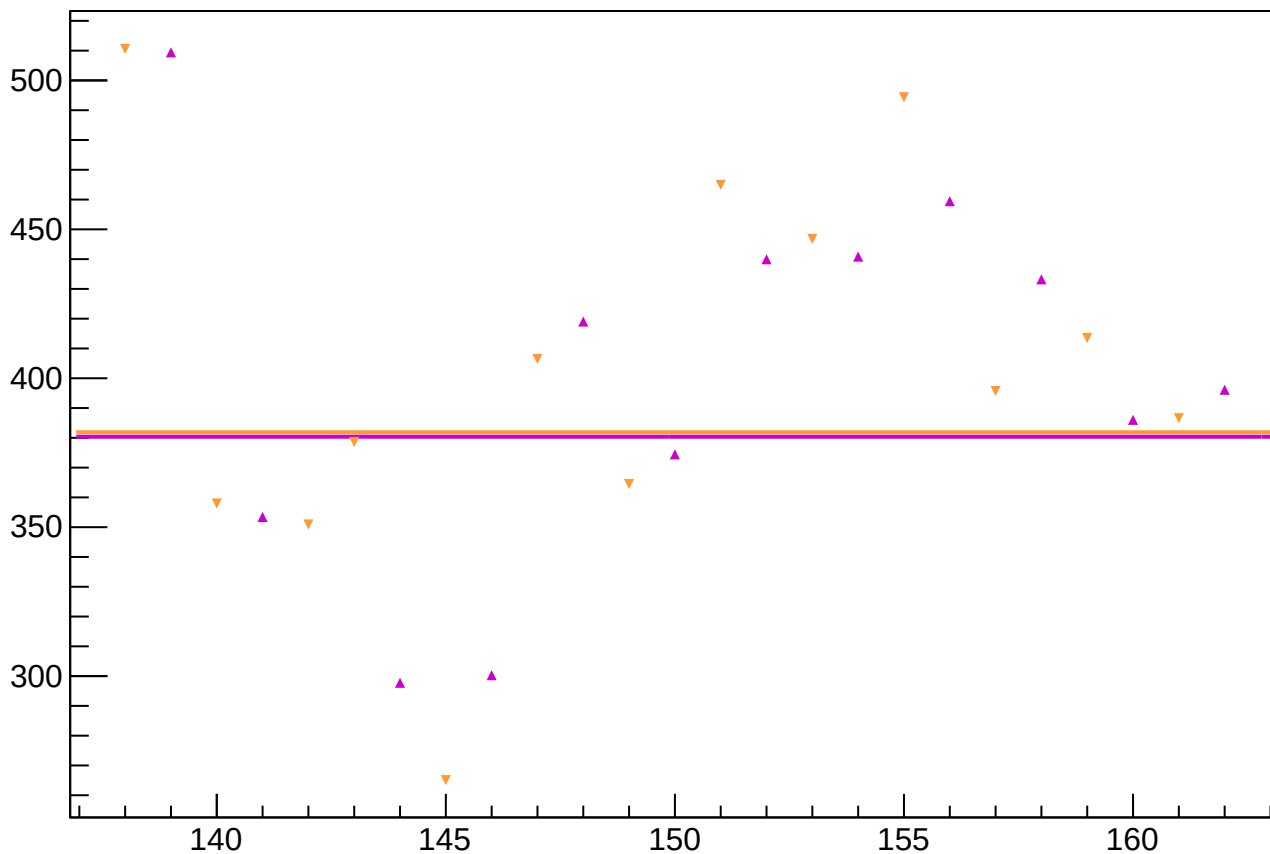
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 151.952+/-123.174 χ^2/NDF :5.7/11

Out: -668.227+/-124.444 χ^2/NDF :23.2/12

All: -253.930+/-87.543 χ^2/NDF : 50.8/24

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 381.877+/-0.088 χ^2/NDF :590005.8/12

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

Left In: 380.368+/-0.087 χ^2/NDF :505756.6/11

Left: 381.115+/-0.062 χ^2/NDF : 1095911.1/24

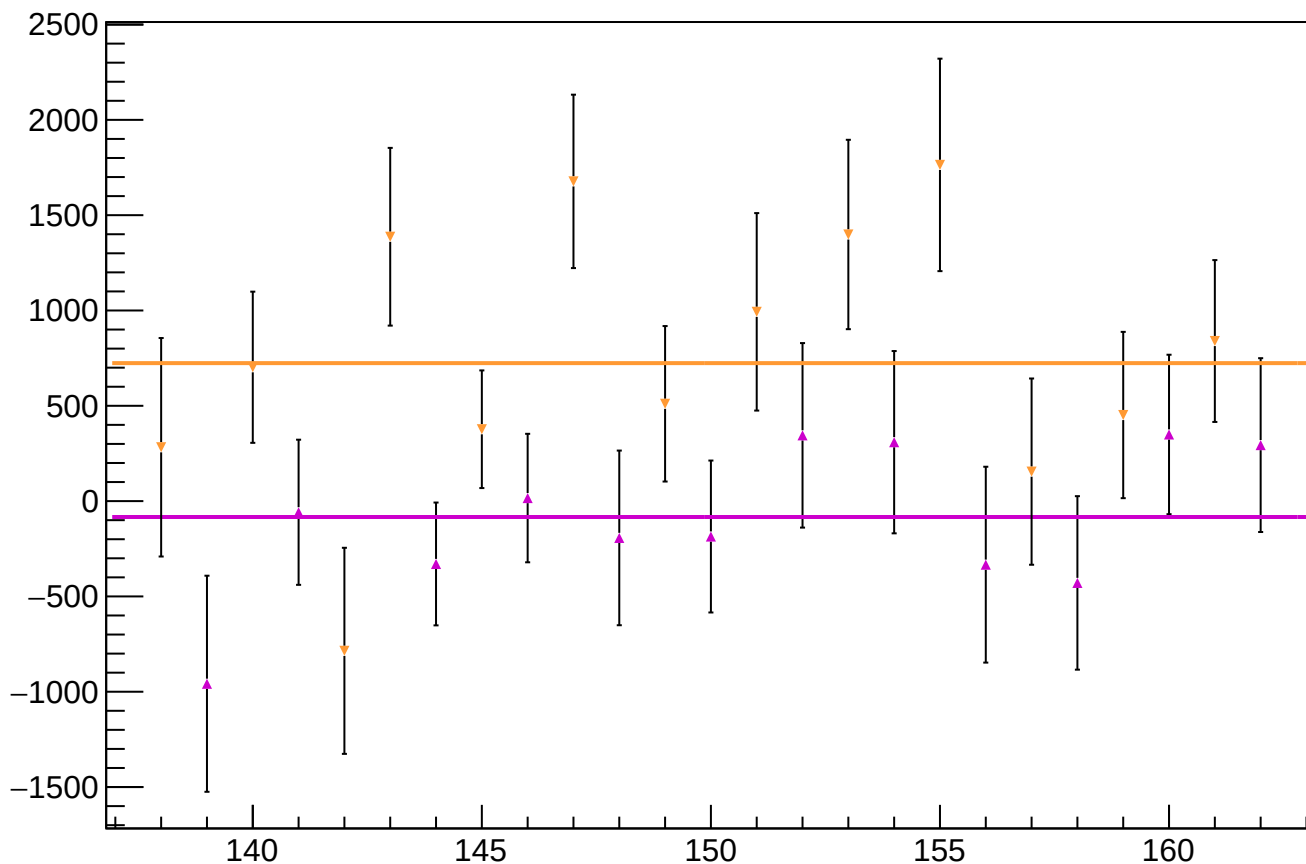
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 380.368+/-0.087 χ^2/NDF :505756.6/11

Out: 381.877+/-0.088 χ^2/NDF :590005.8/12

All: 381.115+/-0.062 χ^2/NDF : 1095911.1/24

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 723.869 $\pm$ 124.255 χ^2 /NDF:23.8/12

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

Left In: -83.358 $\pm$ 121.897 χ^2 /NDF:7.2/11

Left: 312.524 $\pm$ 87.016 χ^2 /NDF: 52.5/24

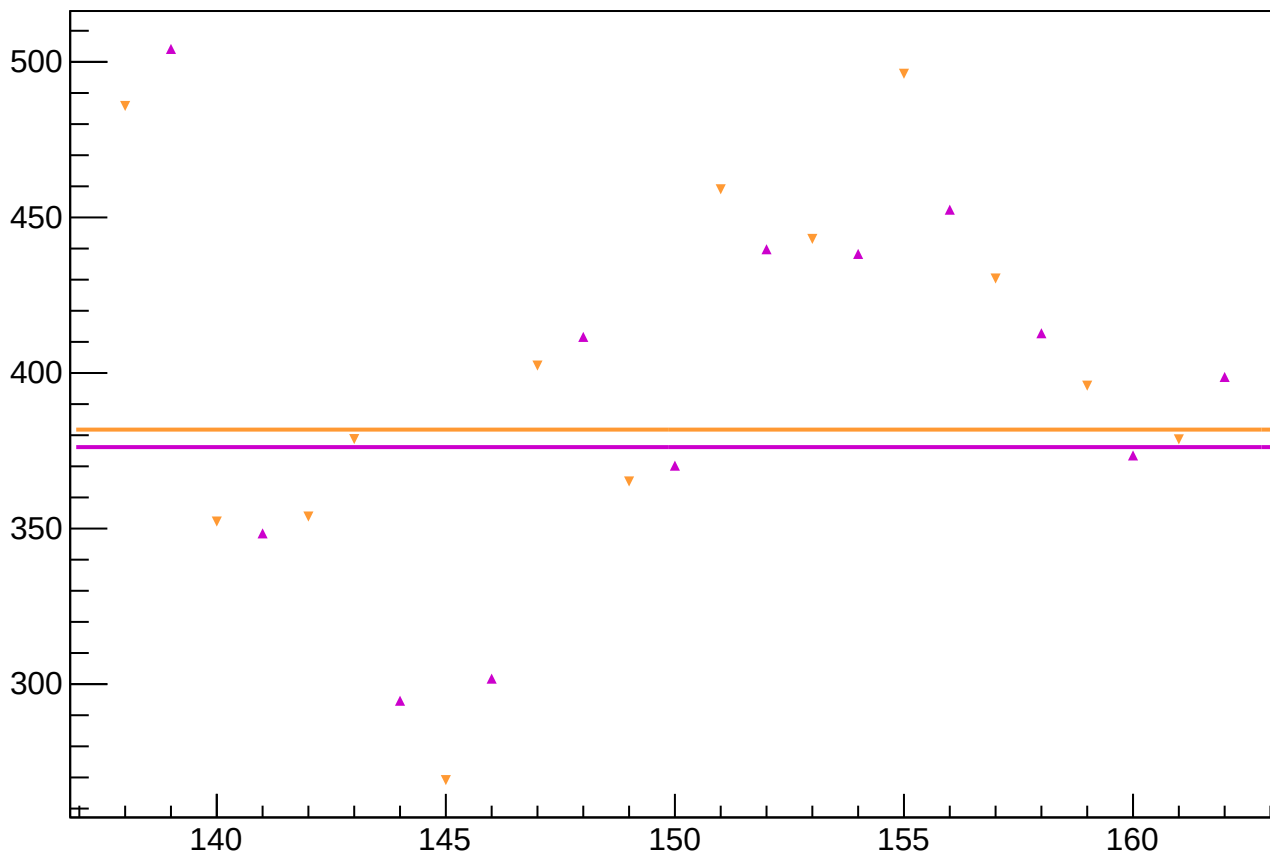
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -83.358 $\pm$ 121.897 χ^2 /NDF:7.2/11

Out: 723.869 $\pm$ 124.255 χ^2 /NDF:23.8/12

All: 312.524 $\pm$ 87.016 χ^2 /NDF: 52.5/24

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 381.807+/-0.088 χ^2/NDF :537584.9/12

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

Left In: 376.182+/-0.086 χ^2/NDF :480863.4/11

Left: 378.940+/-0.062 χ^2/NDF : 1020537.0/24

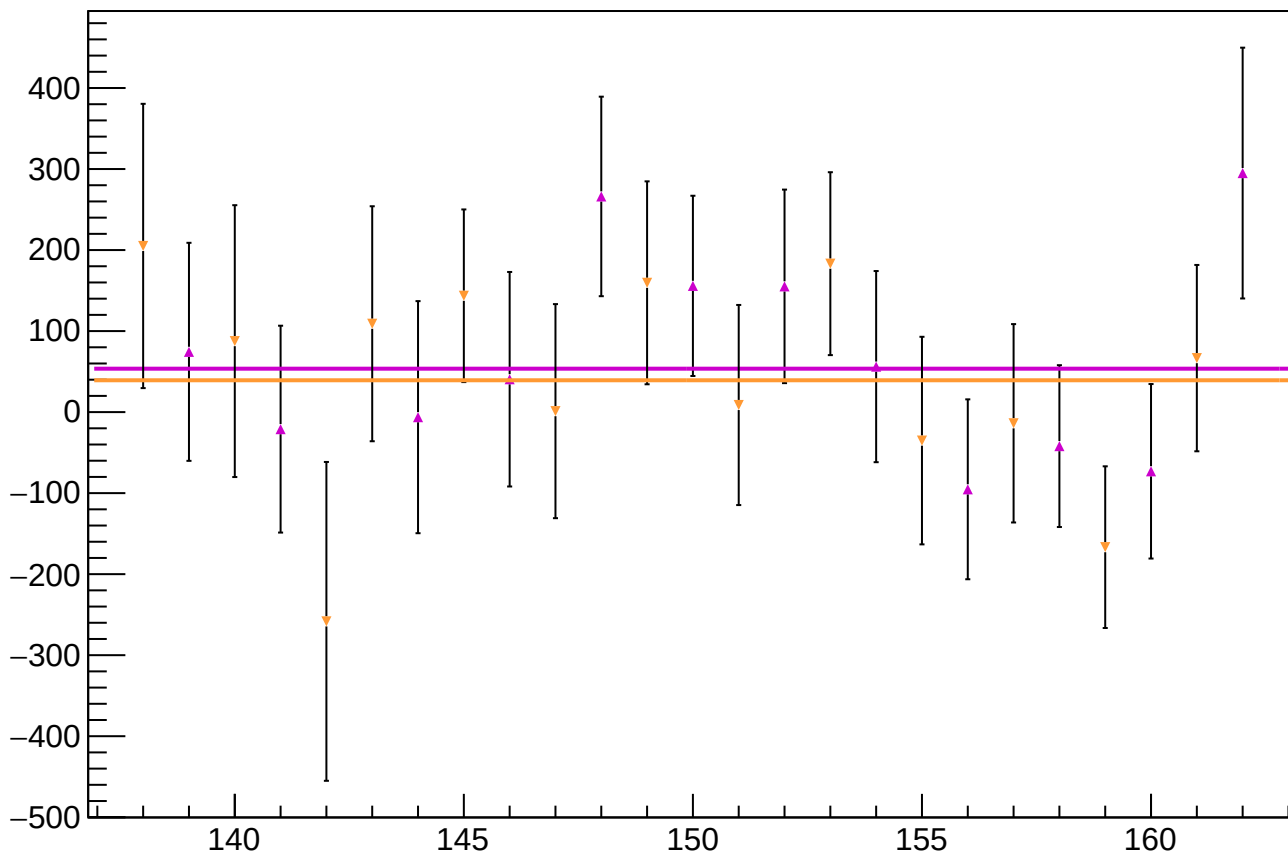
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.182+/-0.086 χ^2/NDF :480863.4/11

Out: 381.807+/-0.088 χ^2/NDF :537584.9/12

All: 378.940+/-0.062 χ^2/NDF : 1020537.0/24

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 39.291+/-35.390 χ^2/NDF :12.0/12

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

Left In: 53.589+/-34.909 χ^2/NDF :11.6/11

Left: 46.538+/-24.853 χ^2/NDF : 23.7/24

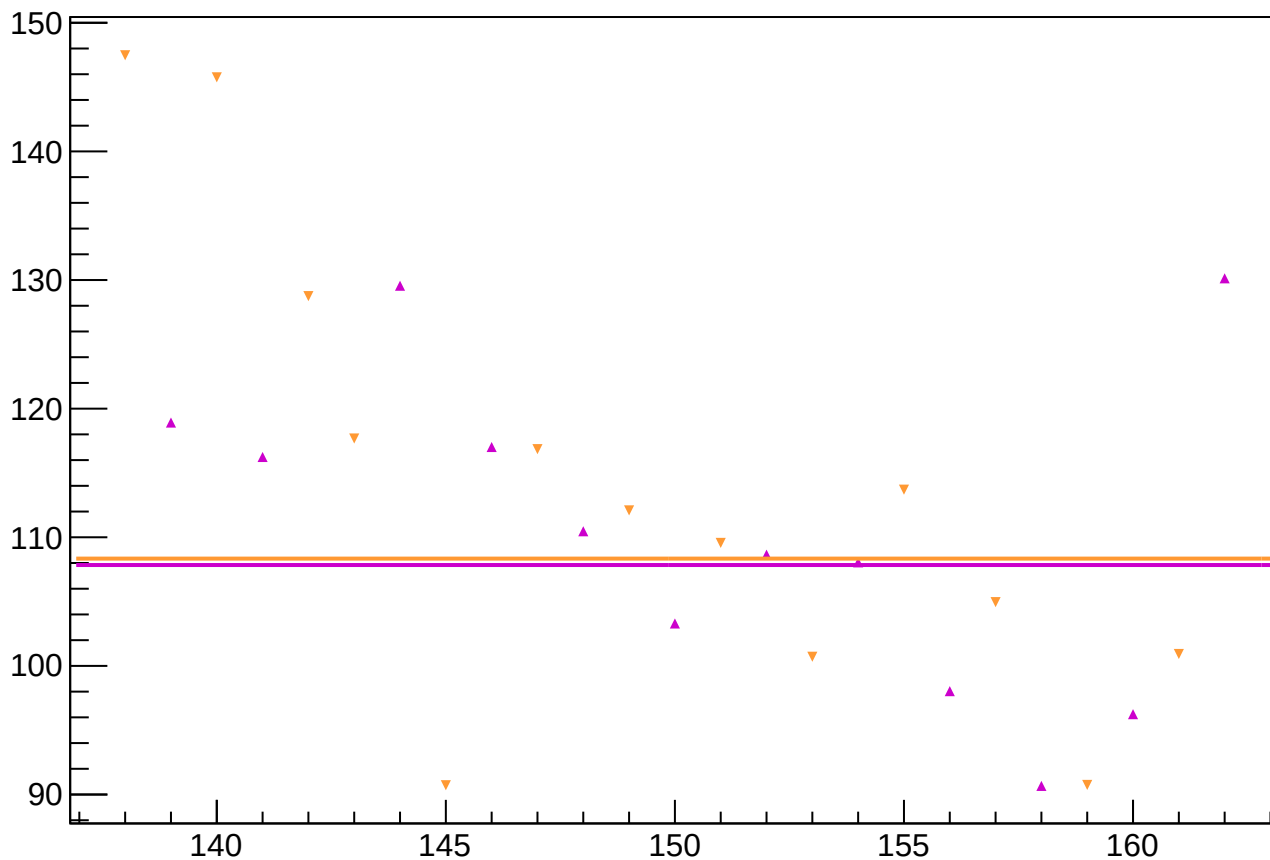
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.589+/-34.909 χ^2/NDF :11.6/11

Out: 39.291+/-35.390 χ^2/NDF :12.0/12

All: 46.538+/-24.853 χ^2/NDF : 23.7/24

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 108.342+/-0.025 χ^2/NDF :378504.0/12

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

Left In: 107.843+/-0.025 χ^2/NDF :221571.4/11

Left: 108.089+/-0.018 χ^2/NDF : 600277.0/24

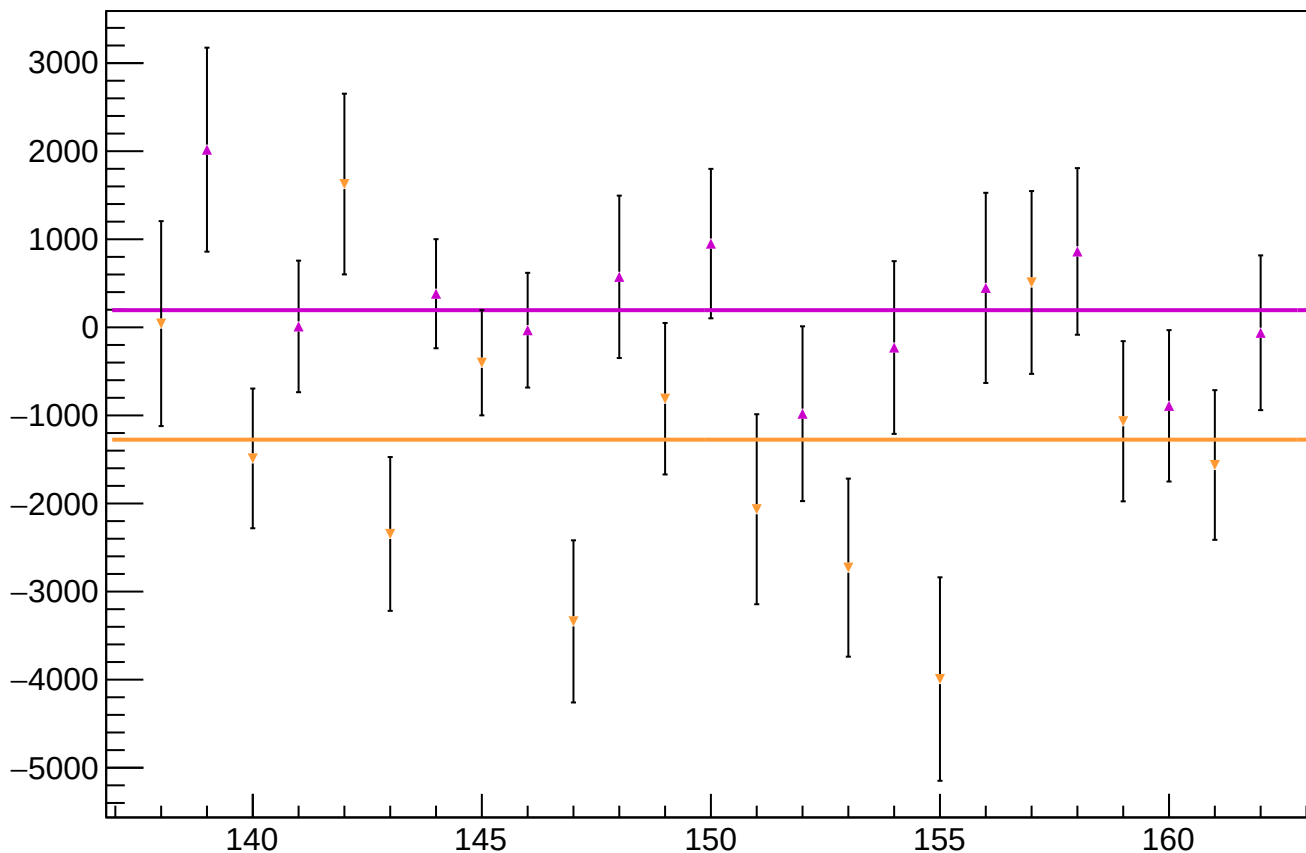
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.843+/-0.025 χ^2/NDF :221571.4/11

Out: 108.342+/-0.025 χ^2/NDF :378504.0/12

All: 108.089+/-0.018 χ^2/NDF : 600277.0/24

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1275.090+/-249.733 χ^2/NDF :29.6/12

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

Left In: 195.001+/-244.342 χ^2/NDF :7.5/11

Left: -524.006+/-174.651 χ^2/NDF : 54.8/24

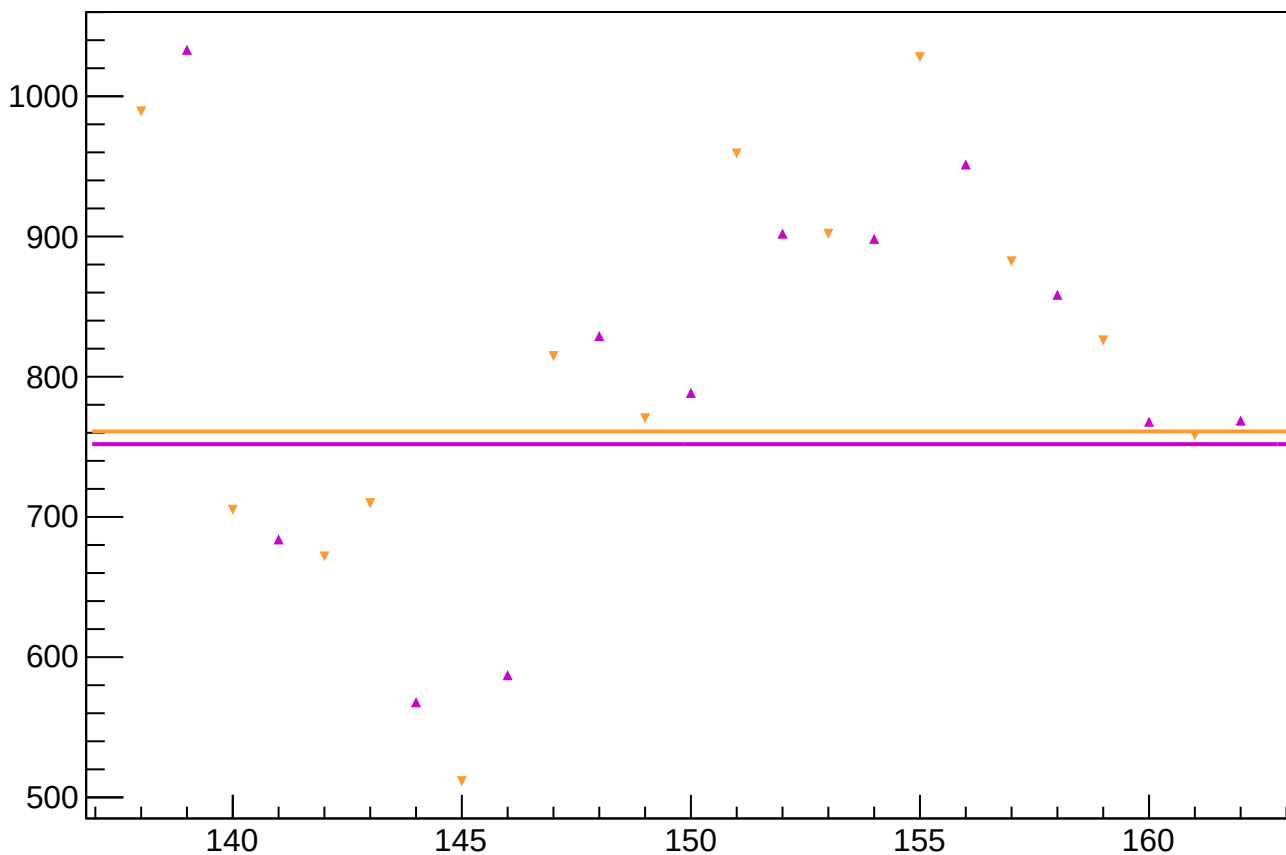
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.001+/-244.342 χ^2/NDF :7.5/11

Out: -1275.090+/-249.733 χ^2/NDF :29.6/12

All: -524.006+/-174.651 χ^2/NDF : 54.8/24

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 760.994+/-0.177 χ^2/NDF : 715185.8/12

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

Left In: 751.894+/-0.173 χ^2/NDF : 642289.4/11

Left: 756.345+/-0.123 χ^2/NDF : 1358831.9/24

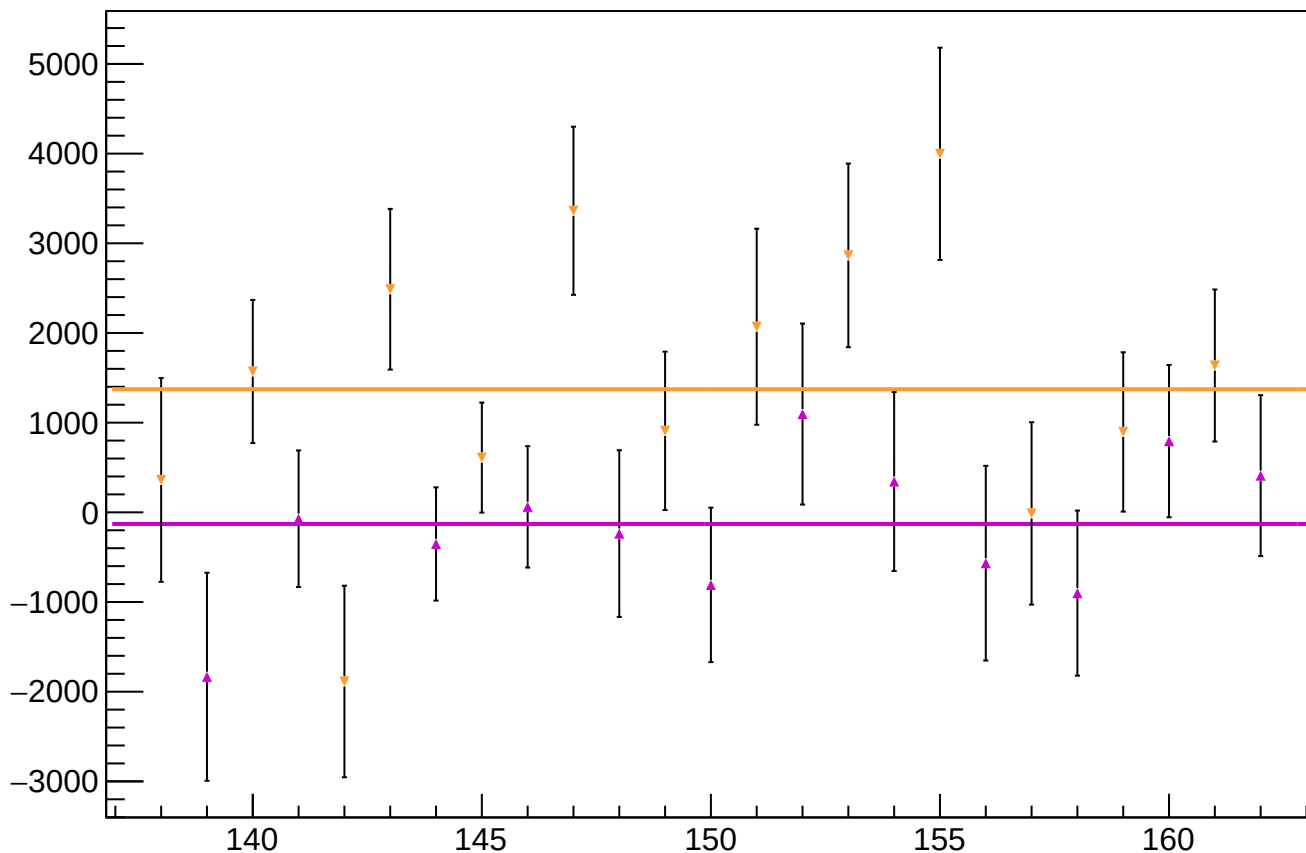
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 751.894+/-0.173 χ^2/NDF : 642289.4/11

Out: 760.994+/-0.177 χ^2/NDF : 715185.8/12

All: 756.345+/-0.123 χ^2/NDF : 1358831.9/24

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 1373.206+/-252.596 χ^2/NDF :27.7/12

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

Left In: -129.664+/-247.619 χ^2/NDF :7.1/11

Left: 606.819+/-176.826 χ^2/NDF : 52.9/24

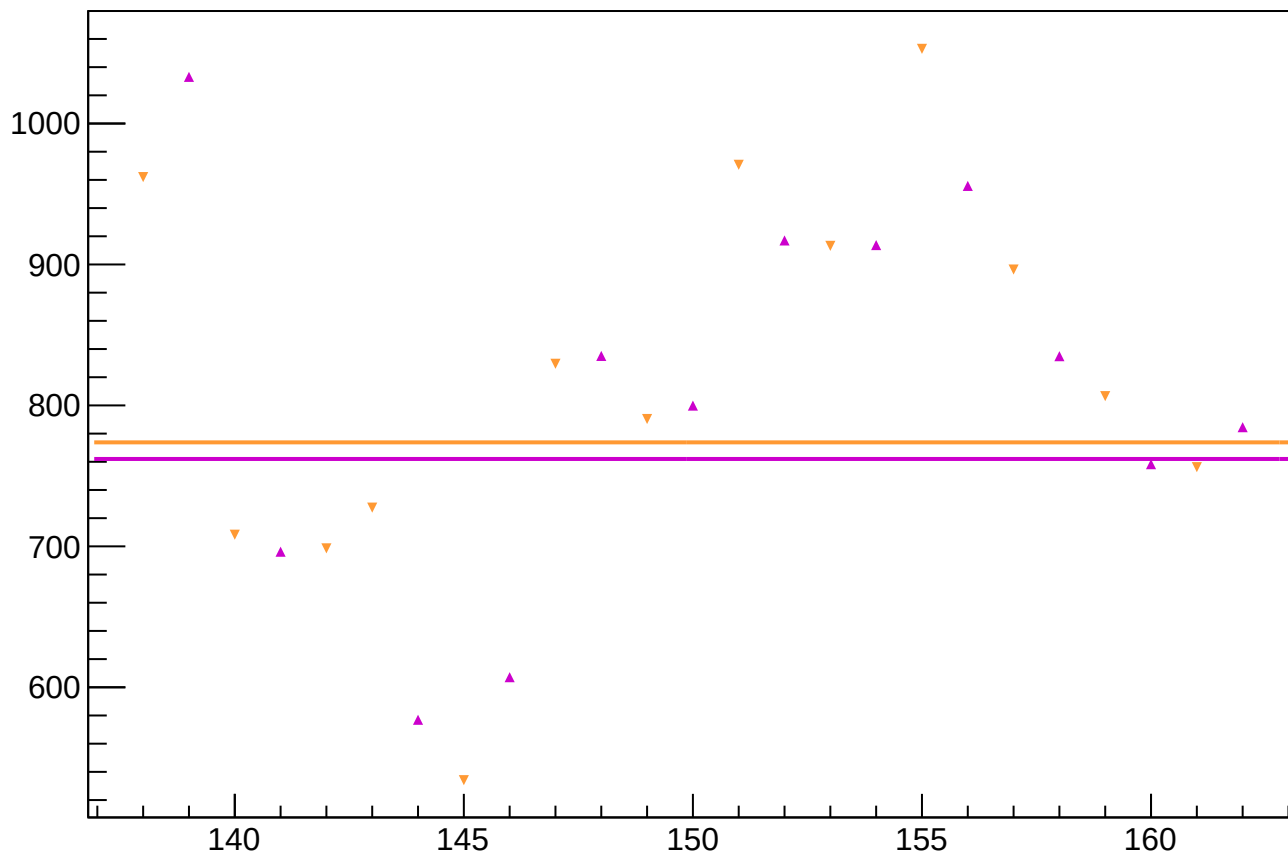
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -129.664+/-247.619 χ^2/NDF :7.1/11

Out: 1373.206+/-252.596 χ^2/NDF :27.7/12

All: 606.819+/-176.826 χ^2/NDF : 52.9/24

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 773.782+/-0.179 χ^2/NDF : 642501.4/12

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

Left In: 762.004+/-0.175 χ^2/NDF : 587794.1/11

Left: 767.776+/-0.125 χ^2/NDF : 1232513.0/24

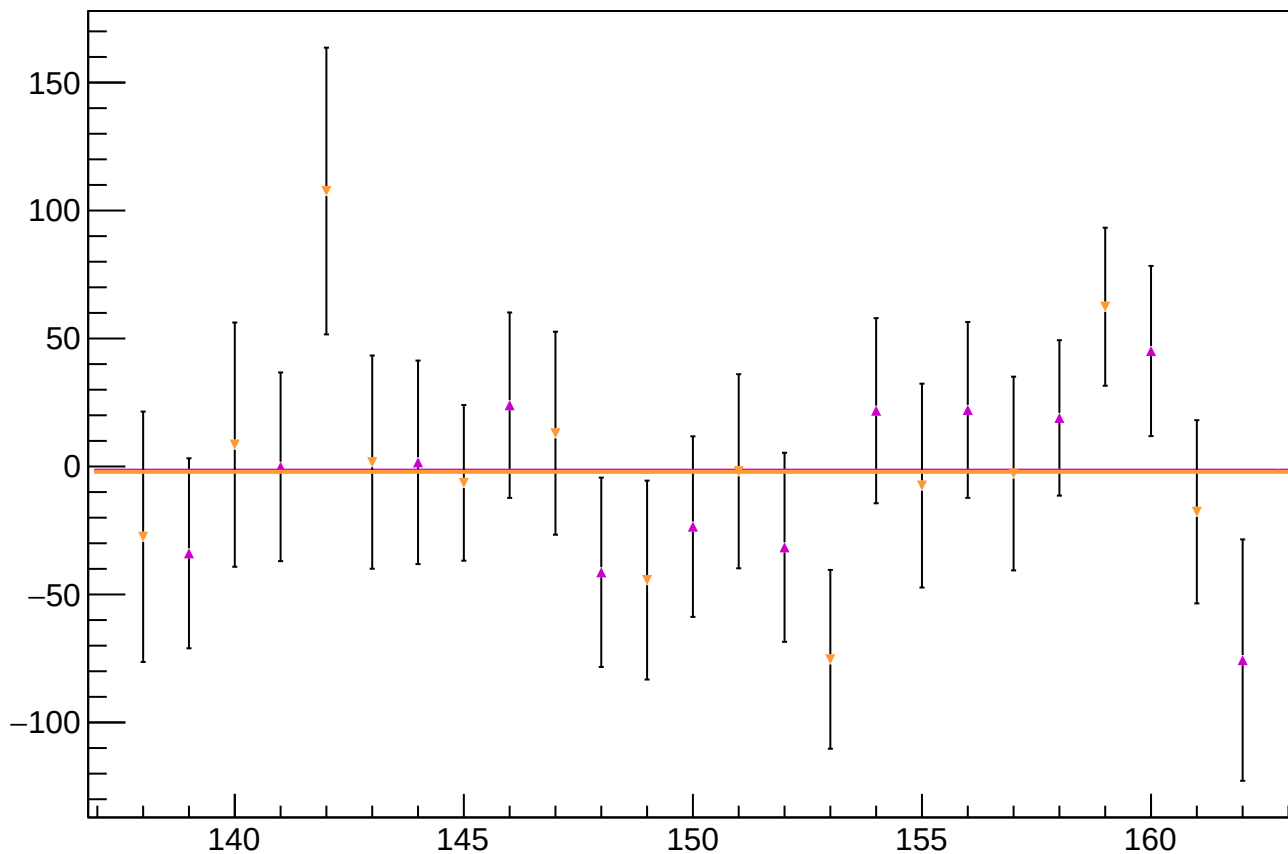
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 762.004+/-0.175 χ^2/NDF : 587794.1/11

Out: 773.782+/-0.179 χ^2/NDF : 642501.4/12

All: 767.776+/-0.125 χ^2/NDF : 1232513.0/24

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -2.096+/-10.657 χ^2/NDF :14.5/12

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

Left In: -1.622+/-10.439 χ^2/NDF :9.3/11

Left: -1.854+/-7.457 χ^2/NDF : 23.7/24

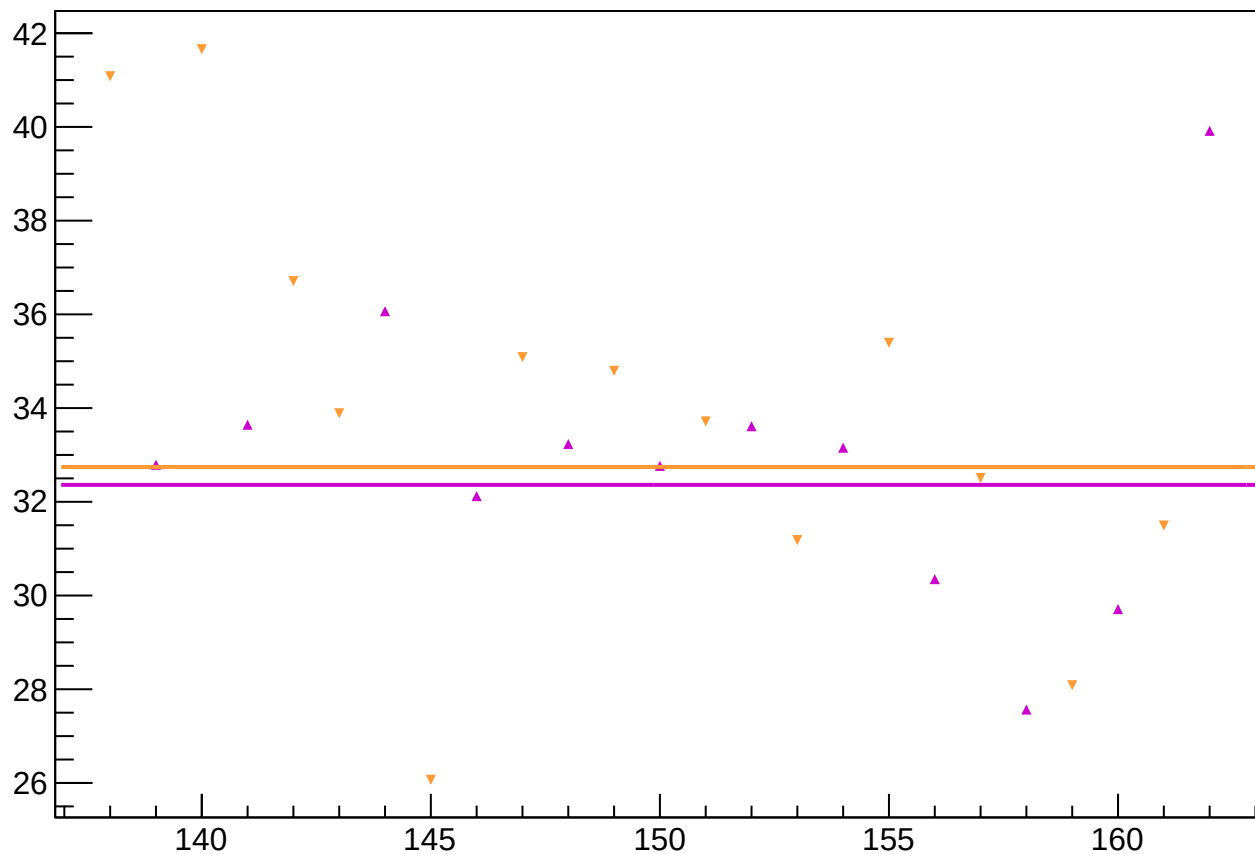
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.622+/-10.439 χ^2/NDF :9.3/11

Out: -2.096+/-10.657 χ^2/NDF :14.5/12

All: -1.854+/-7.457 χ^2/NDF : 23.7/24

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 32.742+/-0.008 χ^2/NDF :310633.7/12

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

Left In: 32.362+/-0.007 χ^2/NDF :145598.8/11

Left: 32.548+/-0.005 χ^2/NDF : 457534.4/24

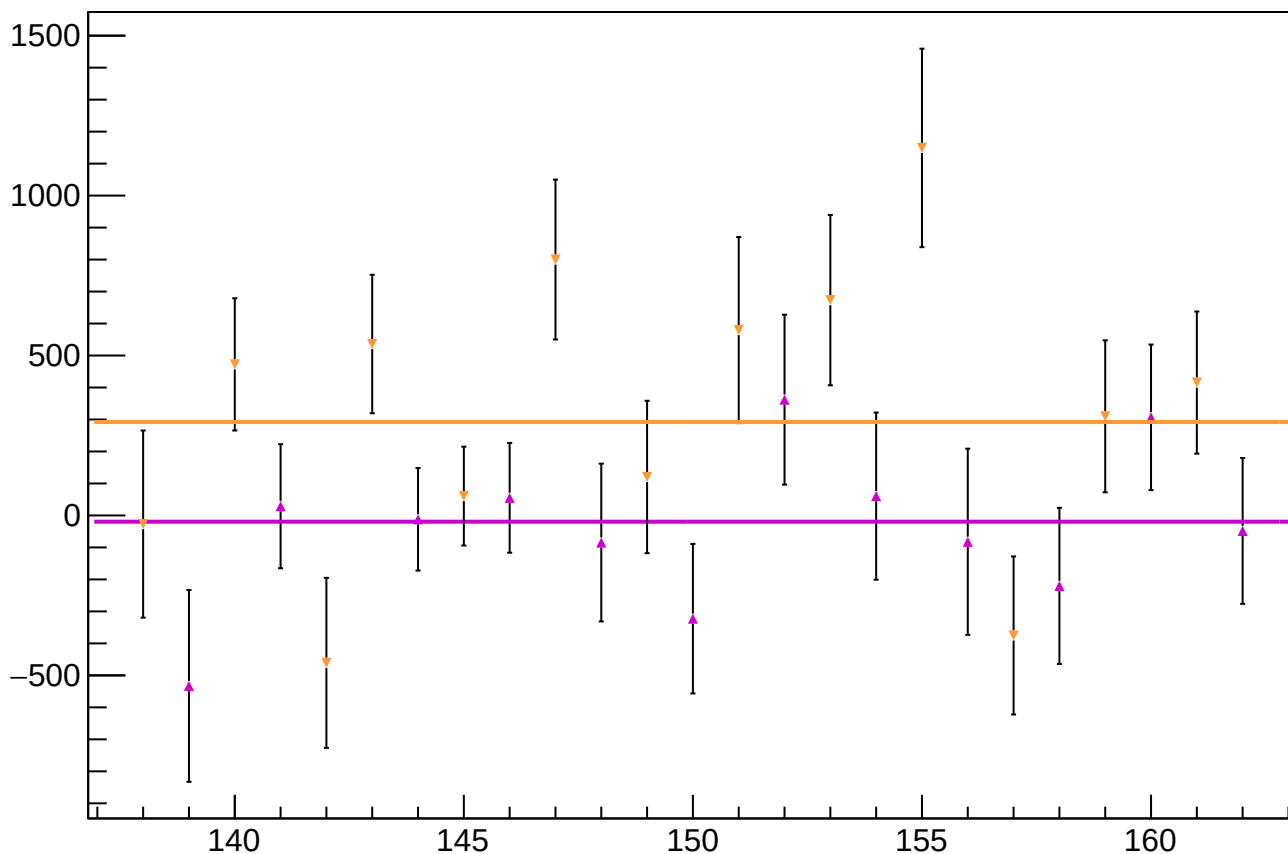
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.362+/-0.007 χ^2/NDF :145598.8/11

Out: 32.742+/-0.008 χ^2/NDF :310633.7/12

All: 32.548+/-0.005 χ^2/NDF : 457534.4/24

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 292.103+/-64.995 χ^2/NDF :36.4/12

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

Left In: -19.517+/-64.365 χ^2/NDF :9.9/11

Left: 134.773+/-45.734 χ^2/NDF : 57.9/24

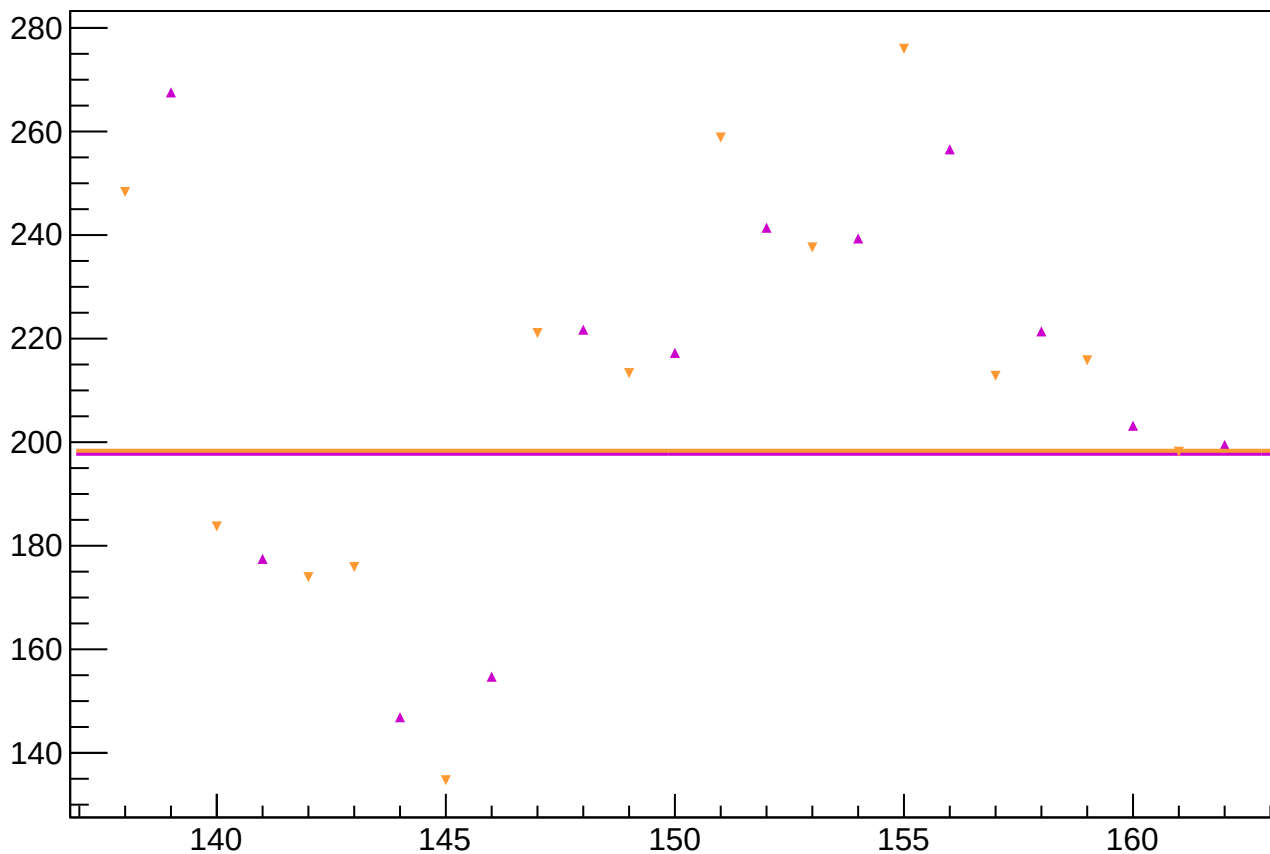
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.517+/-64.365 χ^2/NDF :9.9/11

Out: 292.103+/-64.995 χ^2/NDF :36.4/12

All: 134.773+/-45.734 χ^2/NDF : 57.9/24

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 198.346+/-0.046 χ^2/NDF : 742946.8/12

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

Left In: 197.766+/-0.046 χ^2/NDF : 696860.3/11

Left: 198.053+/-0.032 χ^2/NDF : 1439887.5/24

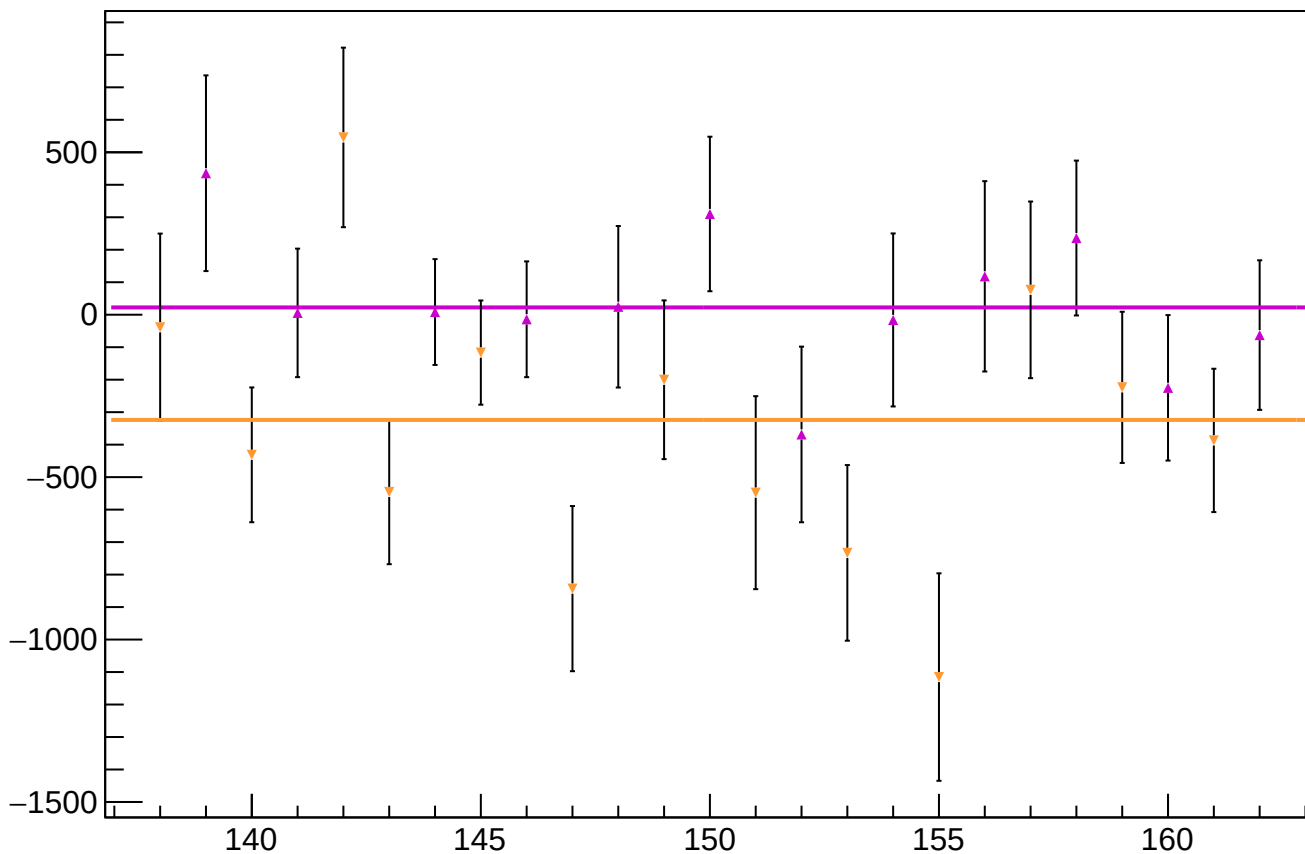
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.766+/-0.046 χ^2/NDF : 696860.3/11

Out: 198.346+/-0.046 χ^2/NDF : 742946.8/12

All: 198.053+/-0.032 χ^2/NDF : 1439887.5/24

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -323.882 ± 66.362 $\chi^2/\text{NDF}: 29.7/12$

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

Left In: 22.412 ± 65.167 $\chi^2/\text{NDF}: 7.8/11$

Left: -147.588 ± 46.497 $\chi^2/\text{NDF}: 51.3/24$

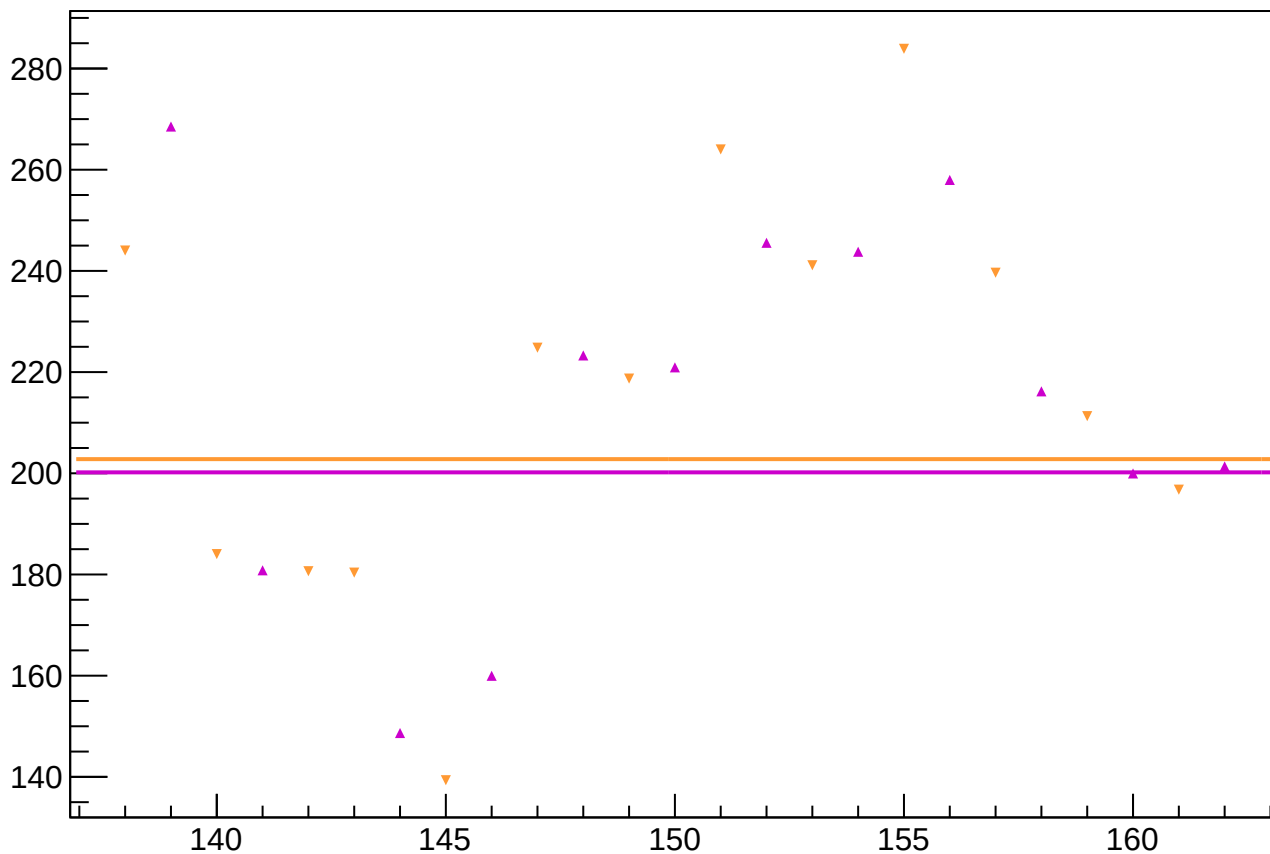
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 22.412 ± 65.167 $\chi^2/\text{NDF}: 7.8/11$

Out: -323.882 ± 66.362 $\chi^2/\text{NDF}: 29.7/12$

All: -147.588 ± 46.497 $\chi^2/\text{NDF}: 51.3/24$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 202.798+/-0.047 χ^2/NDF : 722135.9/12

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

Left In: 200.184+/-0.046 χ^2/NDF : 653452.2/11

Left: 201.468+/-0.033 χ^2/NDF : 1377167.5/24

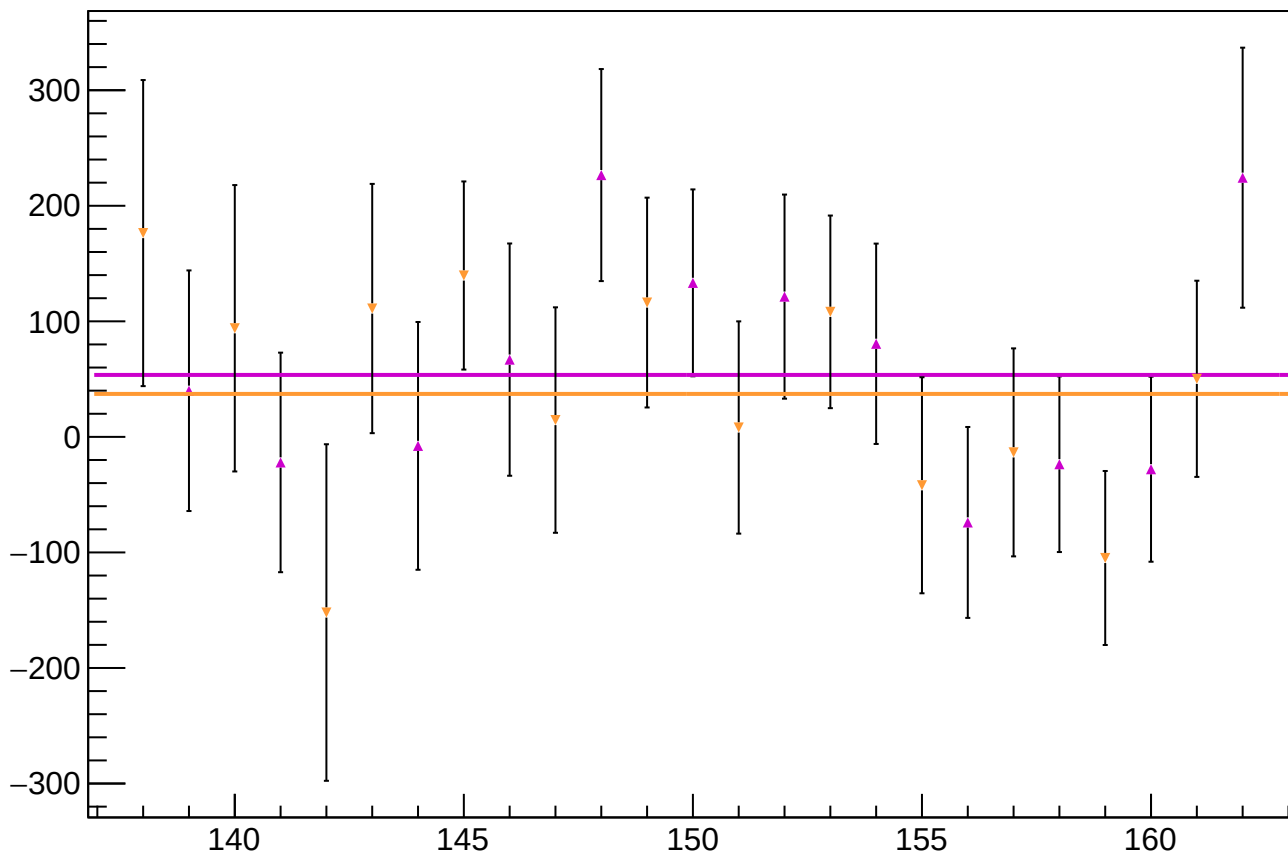
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 200.184+/-0.046 χ^2/NDF : 653452.2/11

Out: 202.798+/-0.047 χ^2/NDF : 722135.9/12

All: 201.468+/-0.033 χ^2/NDF : 1377167.5/24

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 37.178 $\pm$ 26.279 χ^2 /NDF:11.3/12

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

Left In: 53.616 $\pm$ 26.025 χ^2 /NDF:13.0/11

Left: 45.477 $\pm$ 18.492 χ^2 /NDF: 24.5/24

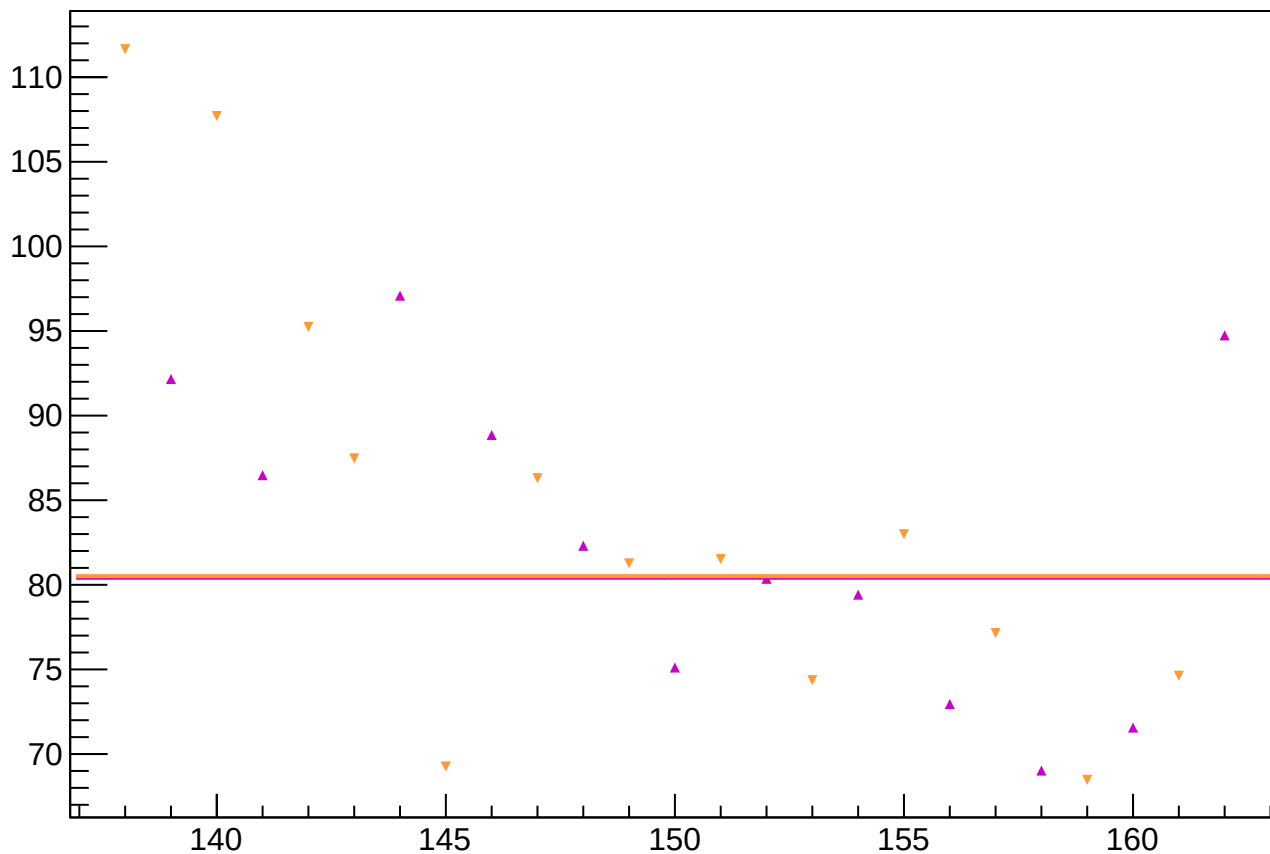
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 53.616 $\pm$ 26.025 χ^2 /NDF:13.0/11

Out: 37.178 $\pm$ 26.279 χ^2 /NDF:11.3/12

All: 45.477 $\pm$ 18.492 χ^2 /NDF: 24.5/24

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 80.513+/-0.019 χ^2/NDF :357067.4/12

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

Left In: 80.418+/-0.018 χ^2/NDF :223849.7/11

Left: 80.465+/-0.013 χ^2/NDF : 580930.4/24

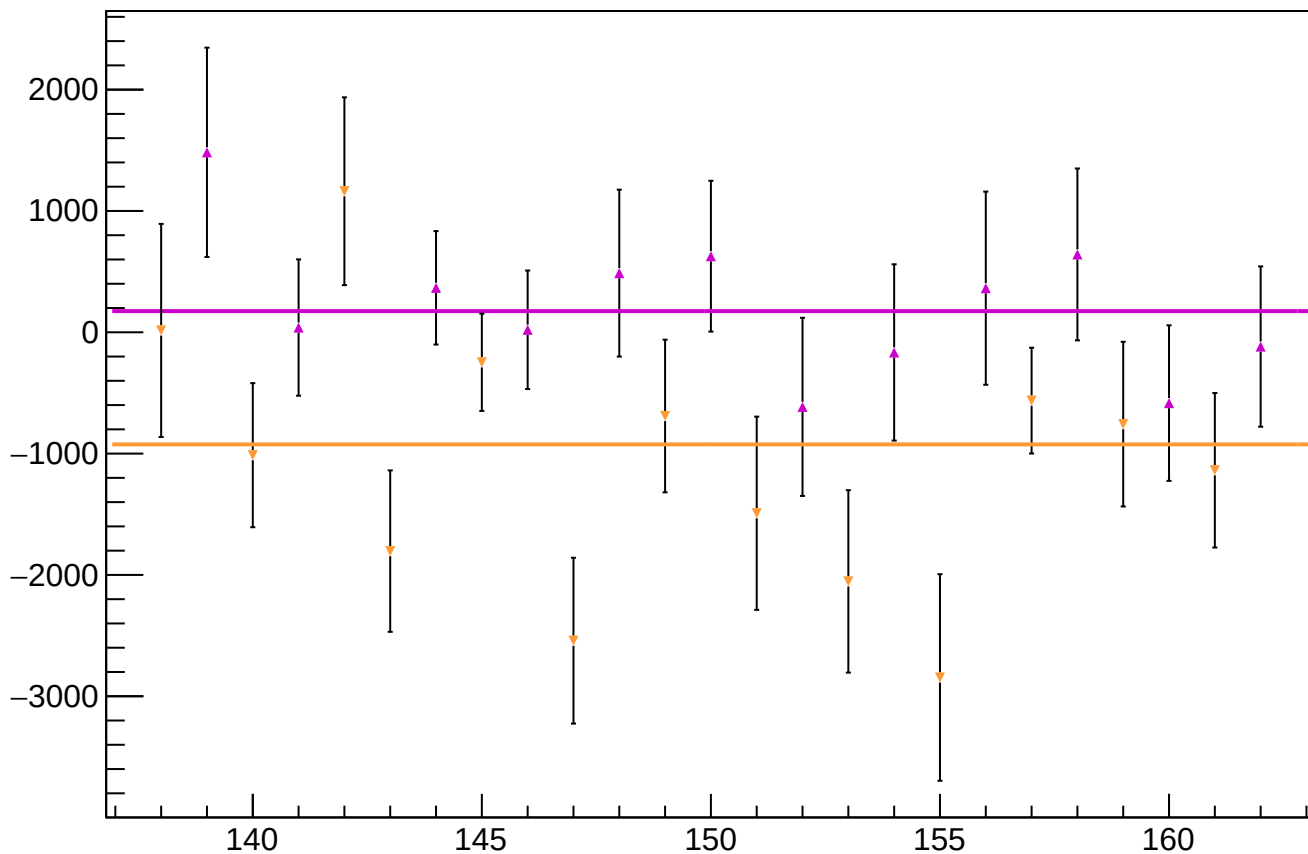
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 80.418+/-0.018 χ^2/NDF :223849.7/11

Out: 80.513+/-0.019 χ^2/NDF :357067.4/12

All: 80.465+/-0.013 χ^2/NDF : 580930.4/24

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -924.219+/-172.571 χ^2/NDF : 27.5/12

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

Left In: 174.592+/-182.506 χ^2/NDF : 6.8/11

Left: -405.535+/-125.391 χ^2/NDF : 53.5/24

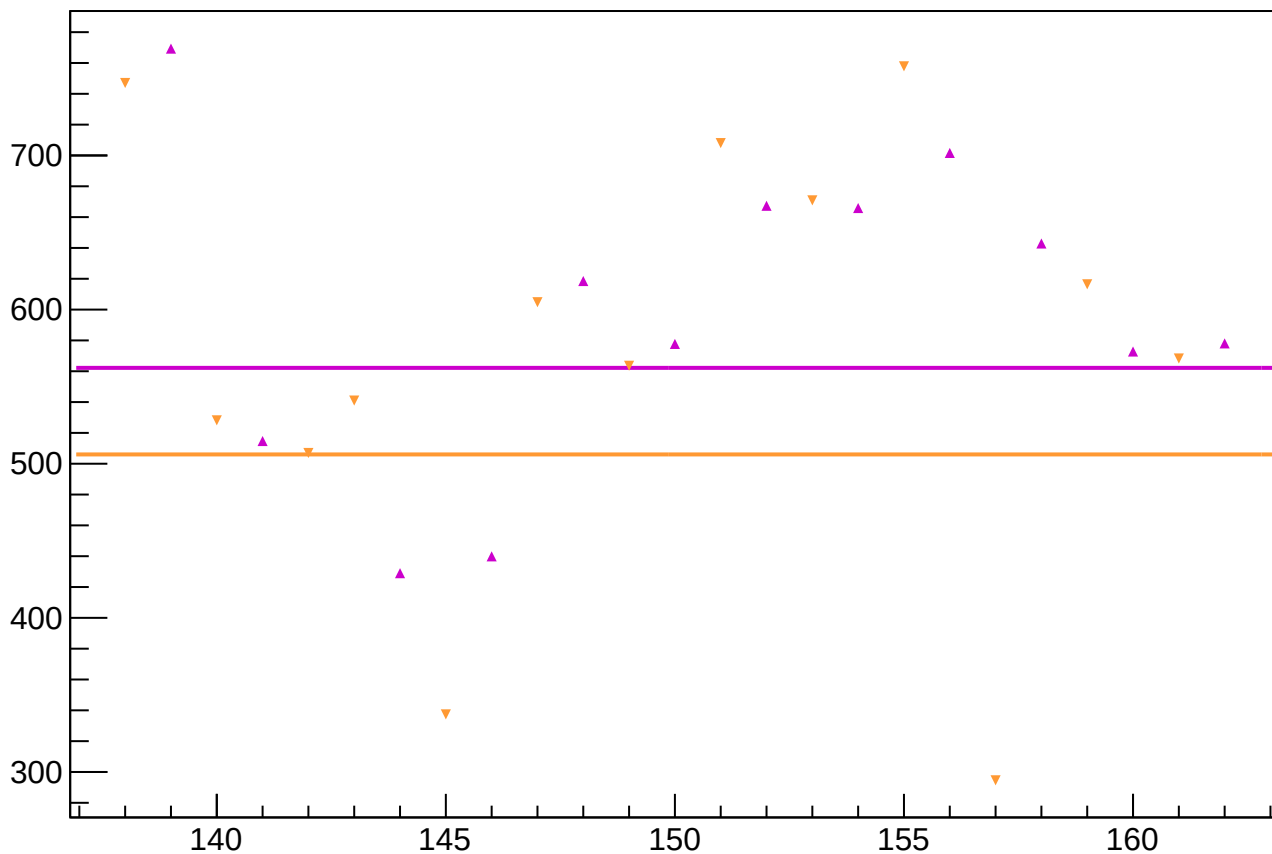
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 174.592+/-182.506 χ^2/NDF : 6.8/11

Out: -924.219+/-172.571 χ^2/NDF : 27.5/12

All: -405.535+/-125.391 χ^2/NDF : 53.5/24

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 506.030+/-0.122 χ^2/NDF :1513859.5/12

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

Left In: 562.195+/-0.129 χ^2/NDF :602771.4/11

Left: 532.542+/-0.089 χ^2/NDF : 2216632.0/24

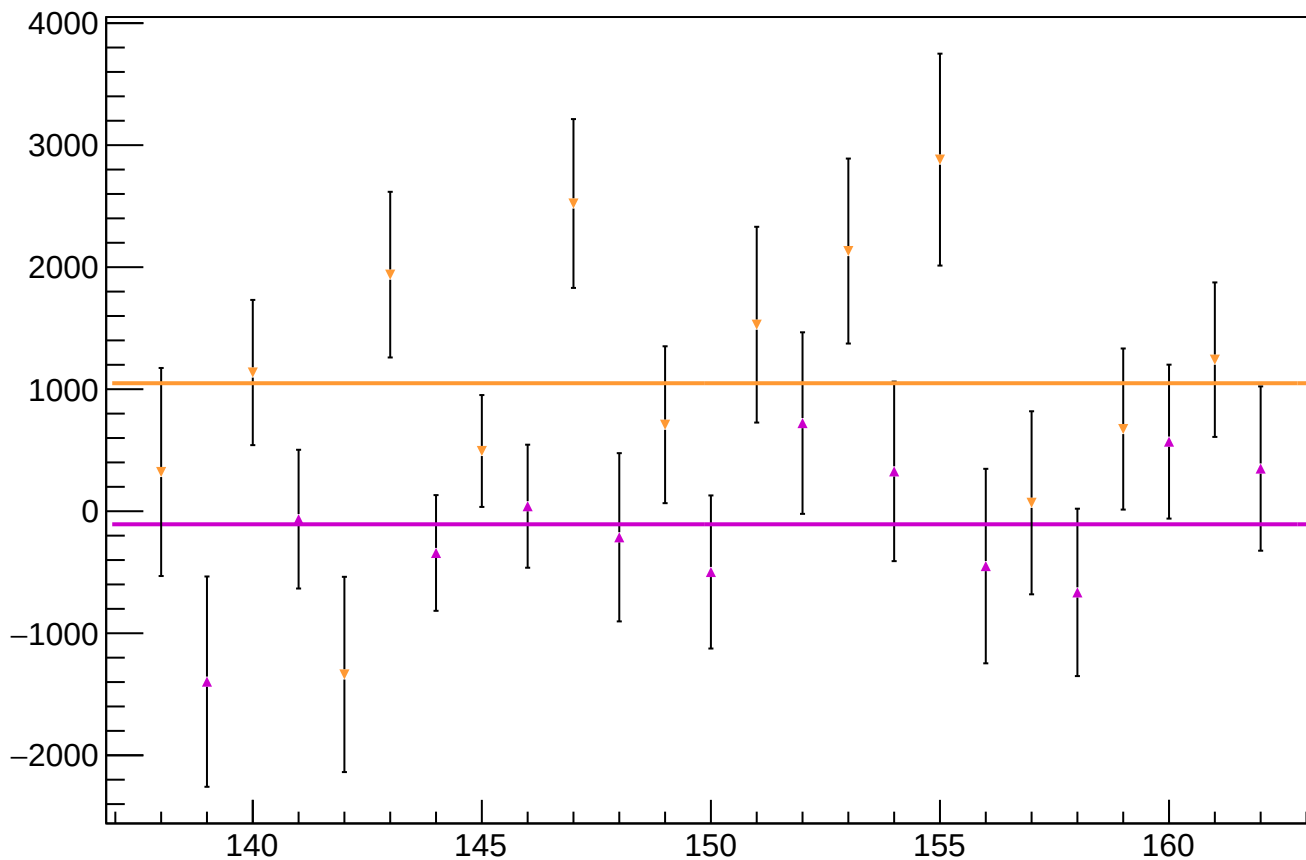
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 562.195+/-0.129 χ^2/NDF :602771.4/11

Out: 506.030+/-0.122 χ^2/NDF :1513859.5/12

All: 532.542+/-0.089 χ^2/NDF : 2216632.0/24

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 1049.042+/-187.679 χ^2/NDF :26.6/12

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

Left In: -107.033+/-183.983 χ^2/NDF :7.0/11

Left: 459.509+/-131.383 χ^2/NDF : 53.0/24

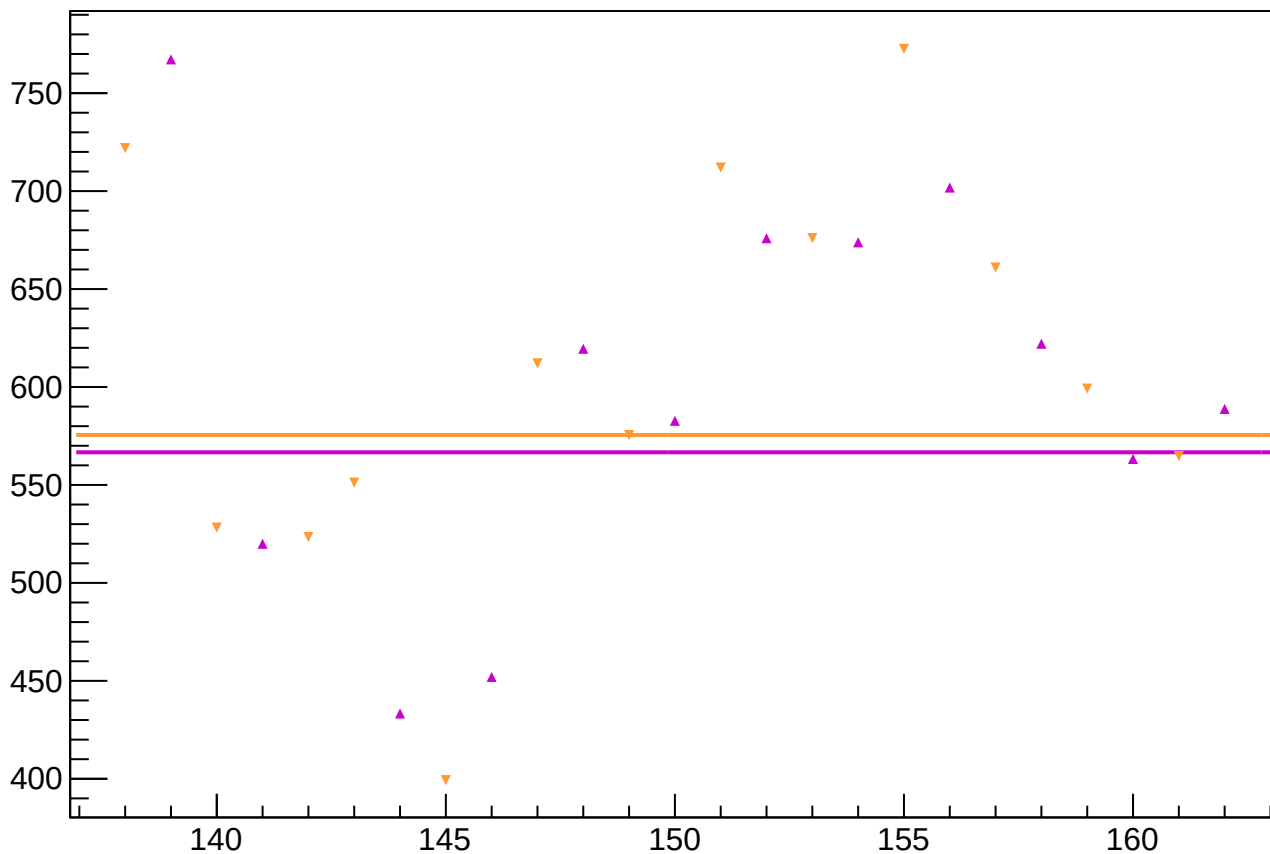
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.033+/-183.983 χ^2/NDF :7.0/11

Out: 1049.042+/-187.679 χ^2/NDF :26.6/12

All: 459.509+/-131.383 χ^2/NDF : 53.0/24

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 575.501+/-0.133 χ^2/NDF : 609058.0/12

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

Left In: 566.679+/-0.130 χ^2/NDF : 554924.3/11

Left: 571.002+/-0.093 χ^2/NDF : 1166235.8/24

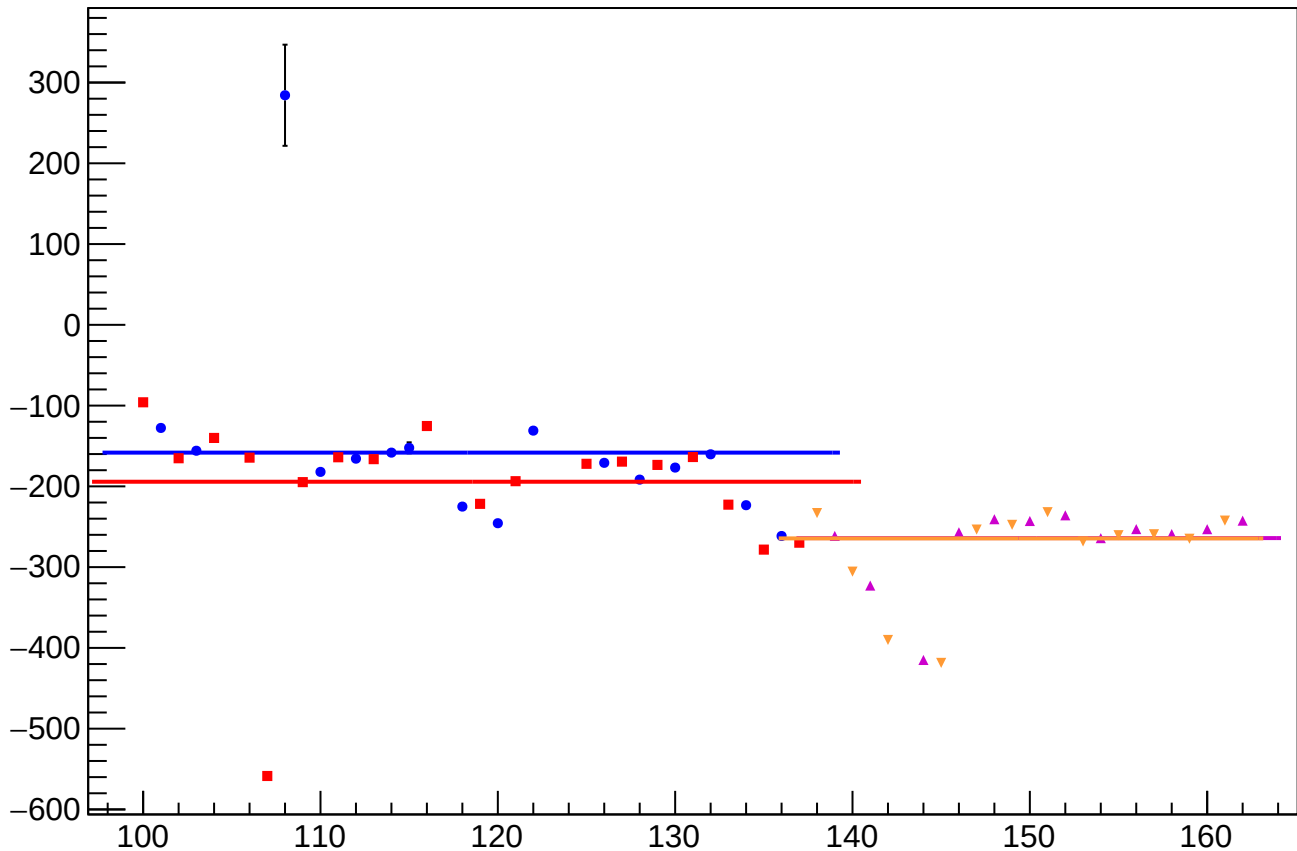
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 566.679+/-0.130 χ^2/NDF : 554924.3/11

Out: 575.501+/-0.133 χ^2/NDF : 609058.0/12

All: 571.002+/-0.093 χ^2/NDF : 1166235.8/24

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222 $\pm$ 0.000 χ^2 /NDF: 117166.2/15

Left Out: -264.427 $\pm$ 0.171 χ^2 /NDF: 26431.9/11

Right Out: -194.268 $\pm$ 0.165 χ^2 /NDF: 176560.4/17

Left In: -264.046 $\pm$ 0.170 χ^2 /NDF: 46017.9/11

Left: -264.235 $\pm$ 0.121 χ^2 /NDF: 72452.3/23

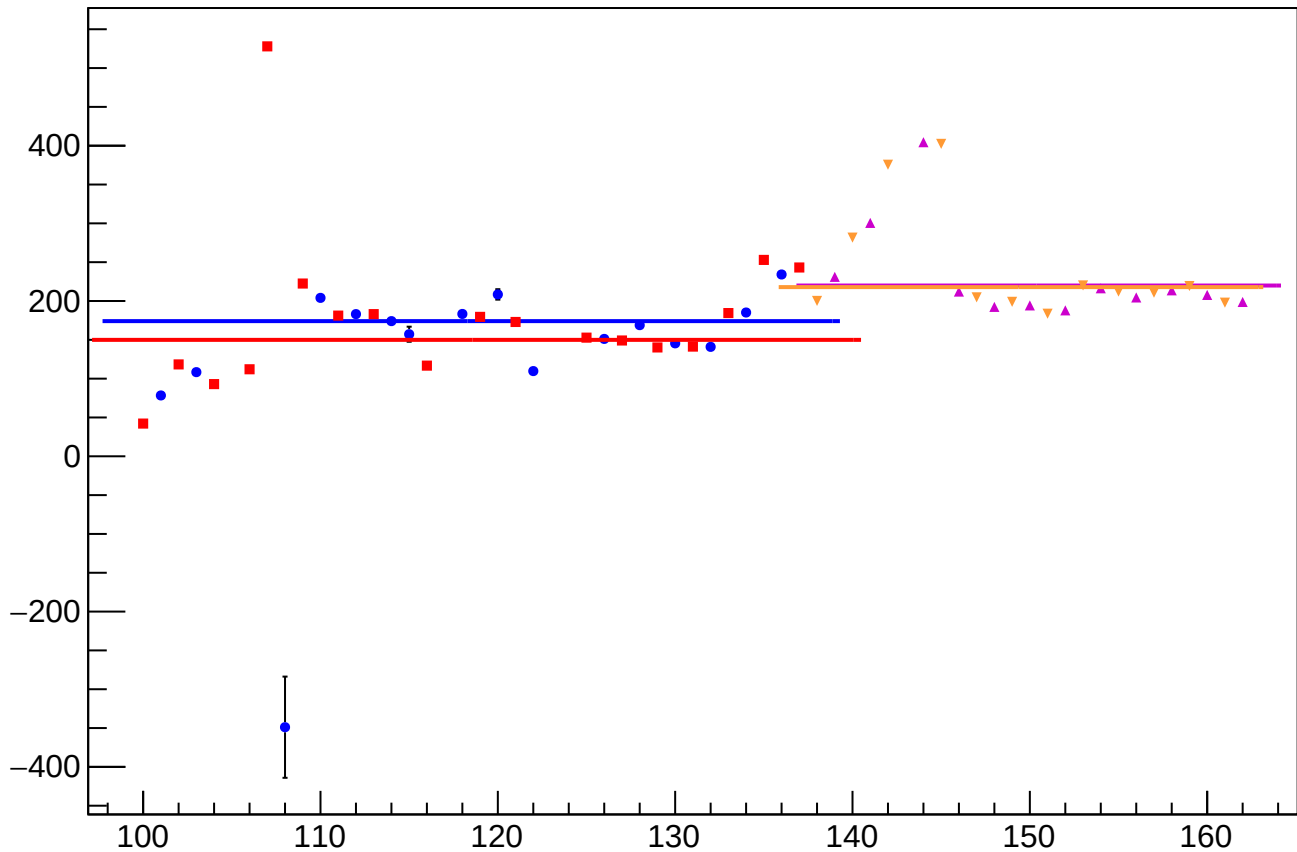
Right: -158.222 $\pm$ 0.000 χ^2 /NDF: 341369.6/33

In: -158.222 $\pm$ 0.000 χ^2 /NDF: 551780.5/27

Out: -228.042 $\pm$ 0.119 χ^2 /NDF: 289875.5/29

All: -158.222 $\pm$ 0.000 χ^2 /NDF: 1186316.8/57

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 217.886+/-0.170 χ^2/NDF : 34259.8/11

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

Left In: 219.925+/-0.171 χ^2/NDF : 63991.2/11

Left: 218.897+/-0.121 χ^2/NDF : 98322.4/23

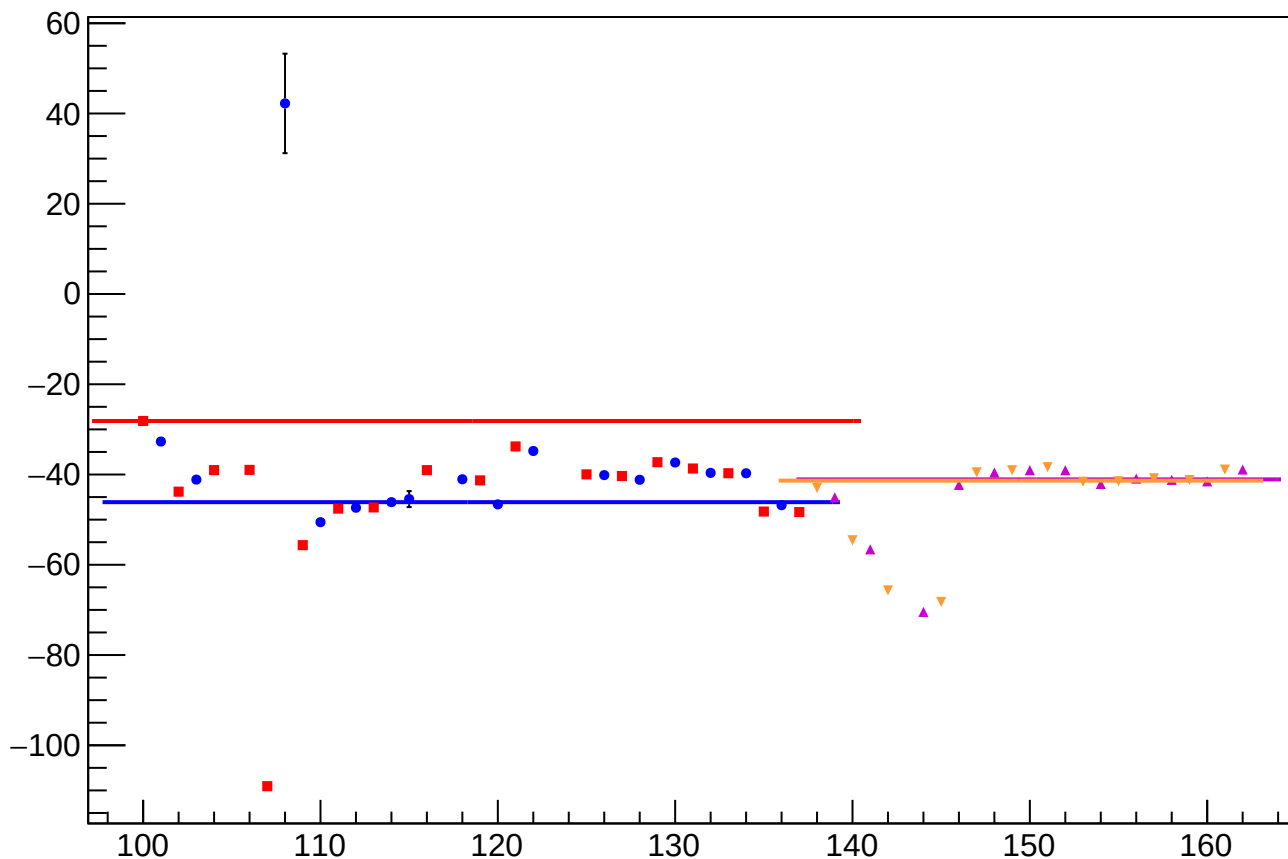
Right: 174.085+/-0.000 χ^2/NDF : 236460.5/33

In: 174.085+/-0.000 χ^2/NDF : 188984.9/27

Out: 188.684+/-0.128 χ^2/NDF : 270931.8/29

All: 174.085+/-0.000 χ^2/NDF : 472883.6/57

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126 $\pm$ 0.000 χ^2 /NDF: 201273.7/15

Left Out: -41.357 $\pm$ 0.008 χ^2 /NDF: 87087.6/11

Right Out: -28.139 $\pm$ 0.000 χ^2 /NDF: 746939.9/17

Left In: -41.076 $\pm$ 0.010 χ^2 /NDF: 160753.7/11

Left: -41.234 $\pm$ 0.006 χ^2 /NDF: 248326.7/23

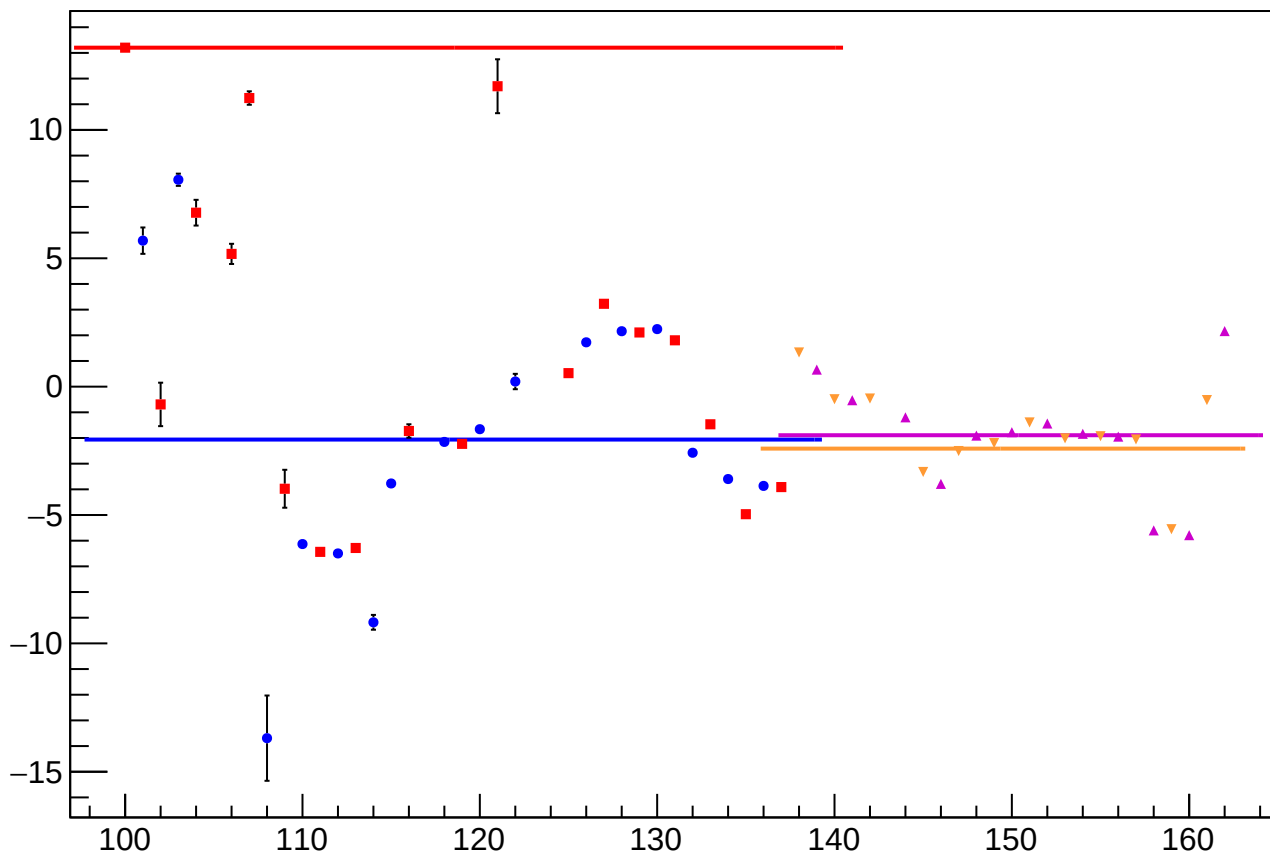
Right: -39.778 $\pm$ 0.000 χ^2 /NDF: 248795993231659

In: -46.126 $\pm$ 0.000 χ^2 /NDF: 641454.8/27

Out: -28.139 $\pm$ 0.000 χ^2 /NDF: 3285679.6/29

All: -39.778 $\pm$ 0.000 χ^2 /NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -2.413 ± 0.009 χ^2/NDF : 30212.9/11

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

Left In: -1.892 ± 0.007 χ^2/NDF : 80822.3/11

Left: -2.081 ± 0.006 χ^2/NDF : 112954.1/23

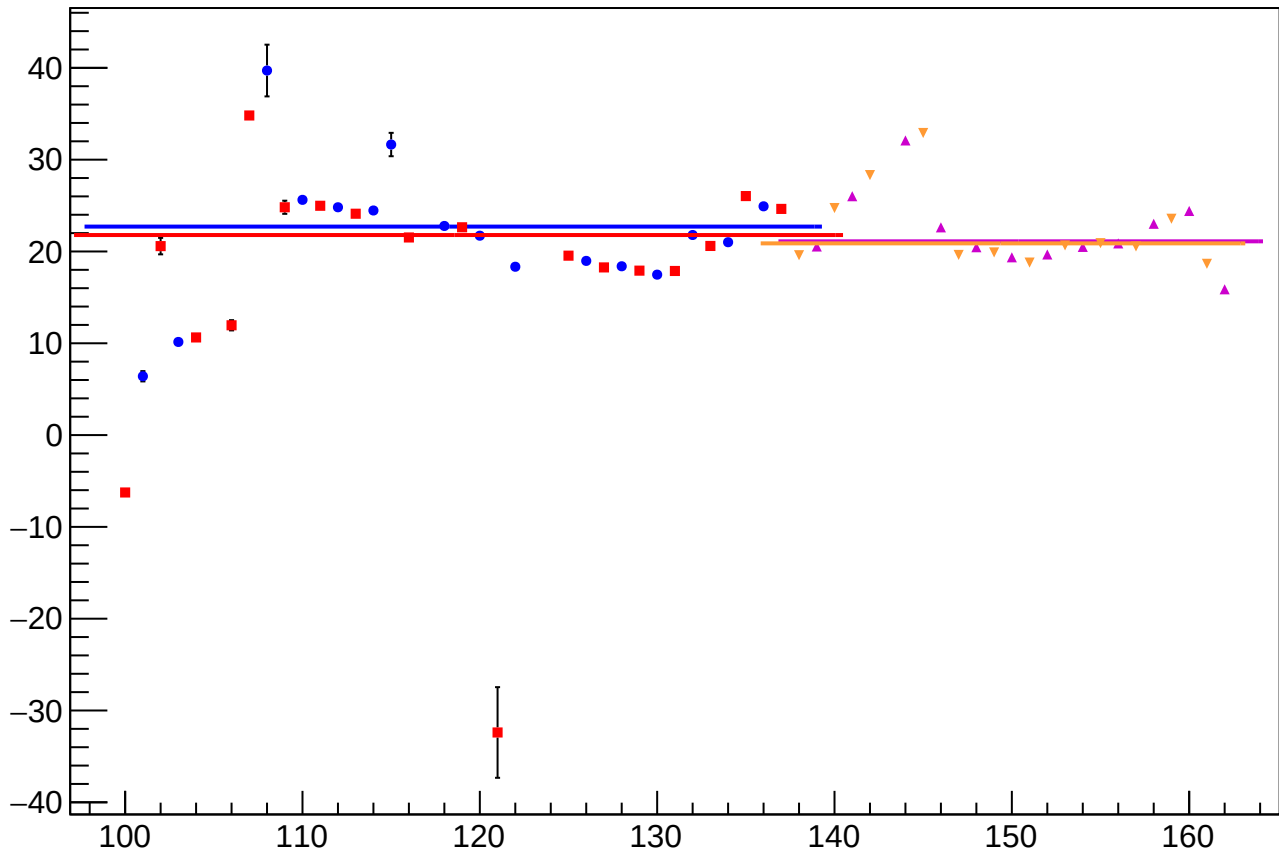
Right: 13.204 ± 0.000 χ^2/NDF : 1268800.5/33

In: -1.916 ± 0.007 χ^2/NDF : 106564.7/27

Out: 13.204 ± 0.000 χ^2/NDF : 3243655.5/29

All: 13.204 ± 0.000 χ^2/NDF : 8514719.8/57

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.882 $\pm$ 0.011 χ^2 /NDF:22263.0/11

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

Left In: 21.105 $\pm$ 0.009 χ^2 /NDF:71171.6/11

Left: 21.021 $\pm$ 0.007 χ^2 /NDF: 93675.4/23

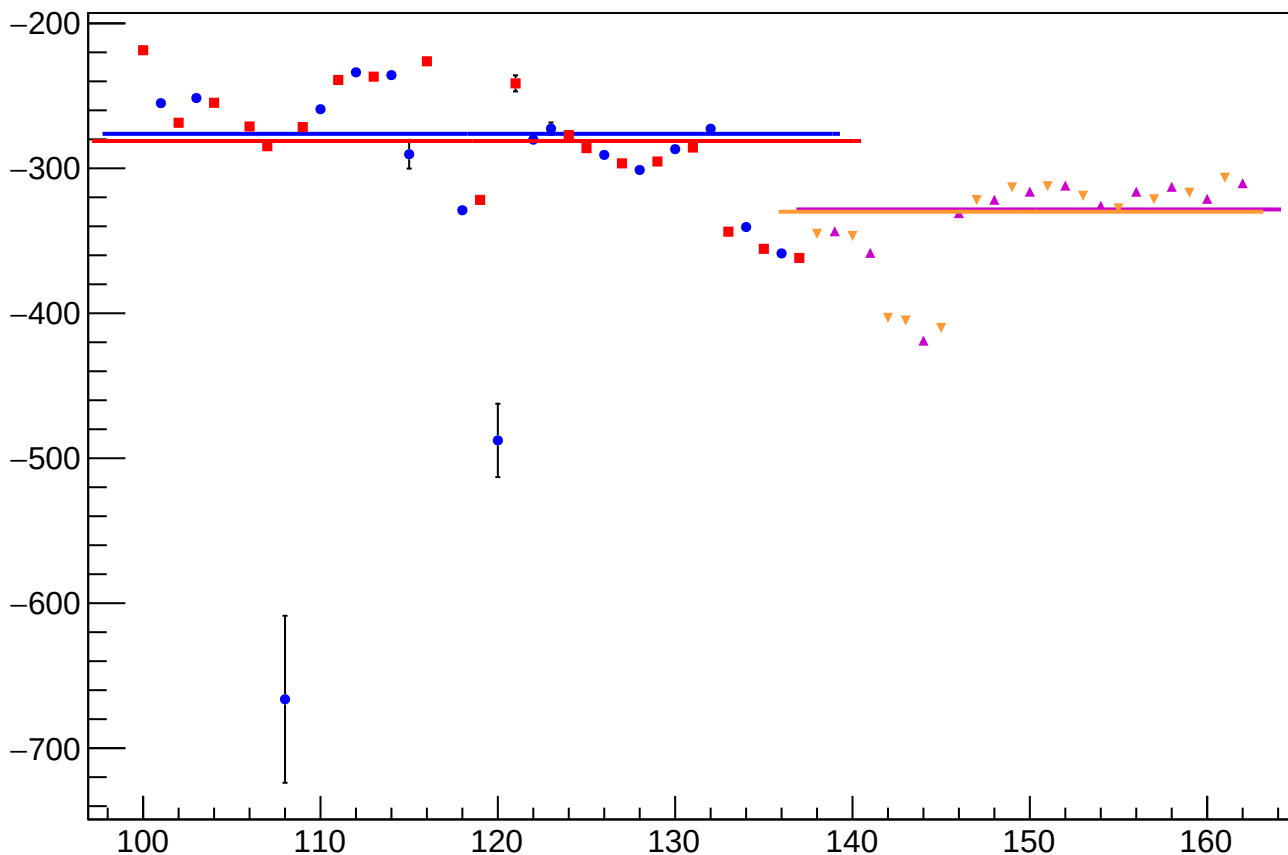
Right: 22.313 $\pm$ 0.014 χ^2 /NDF: 50478.1/33

In: 21.394 $\pm$ 0.008 χ^2 /NDF:99951.6/27

Out: 21.079 $\pm$ 0.010 χ^2 /NDF:50327.7/29

All: 21.272 $\pm$ 0.006 χ^2 /NDF: 150883.3/57

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -329.929 $\pm$ 0.154 χ^2 /NDF: 29382.8/12

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

Left In: -328.358 $\pm$ 0.122 χ^2 /NDF: 37615.5/11

Left: -328.963 $\pm$ 0.095 χ^2 /NDF: 67062.6/24

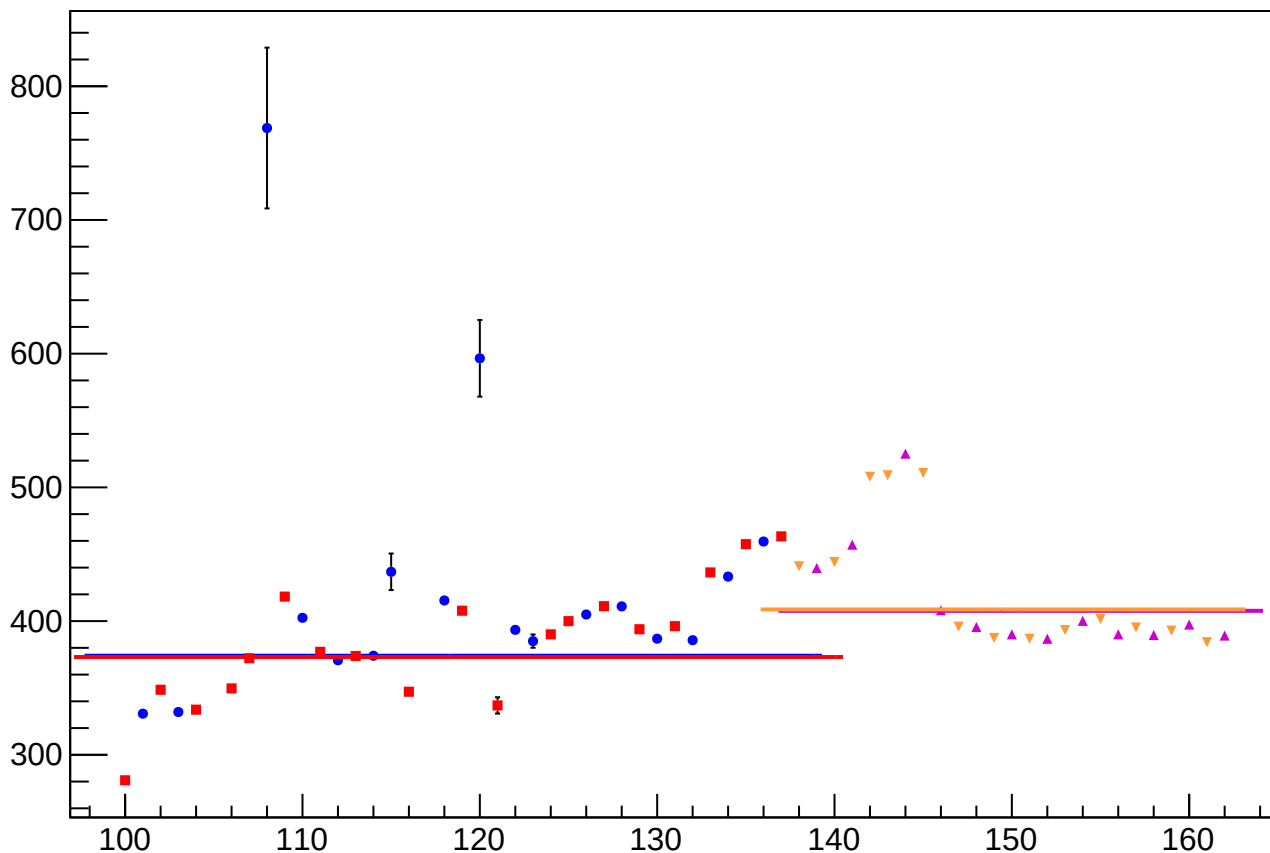
Right: -278.974 $\pm$ 0.110 χ^2 /NDF: 136213.7/35

In: -310.229 $\pm$ 0.098 χ^2 /NDF: 159692.1/28

Out: -304.538 $\pm$ 0.106 χ^2 /NDF: 159394.6/31

All: -307.612 $\pm$ 0.072 χ^2 /NDF: 320630.3/60

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 408.726 $\pm$ 0.153 χ^2 /NDF:51659.9/12

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

Left In: 407.683 $\pm$ 0.123 χ^2 /NDF:62546.0/11

Left: 408.091 $\pm$ 0.096 χ^2 /NDF: 114234.2/24

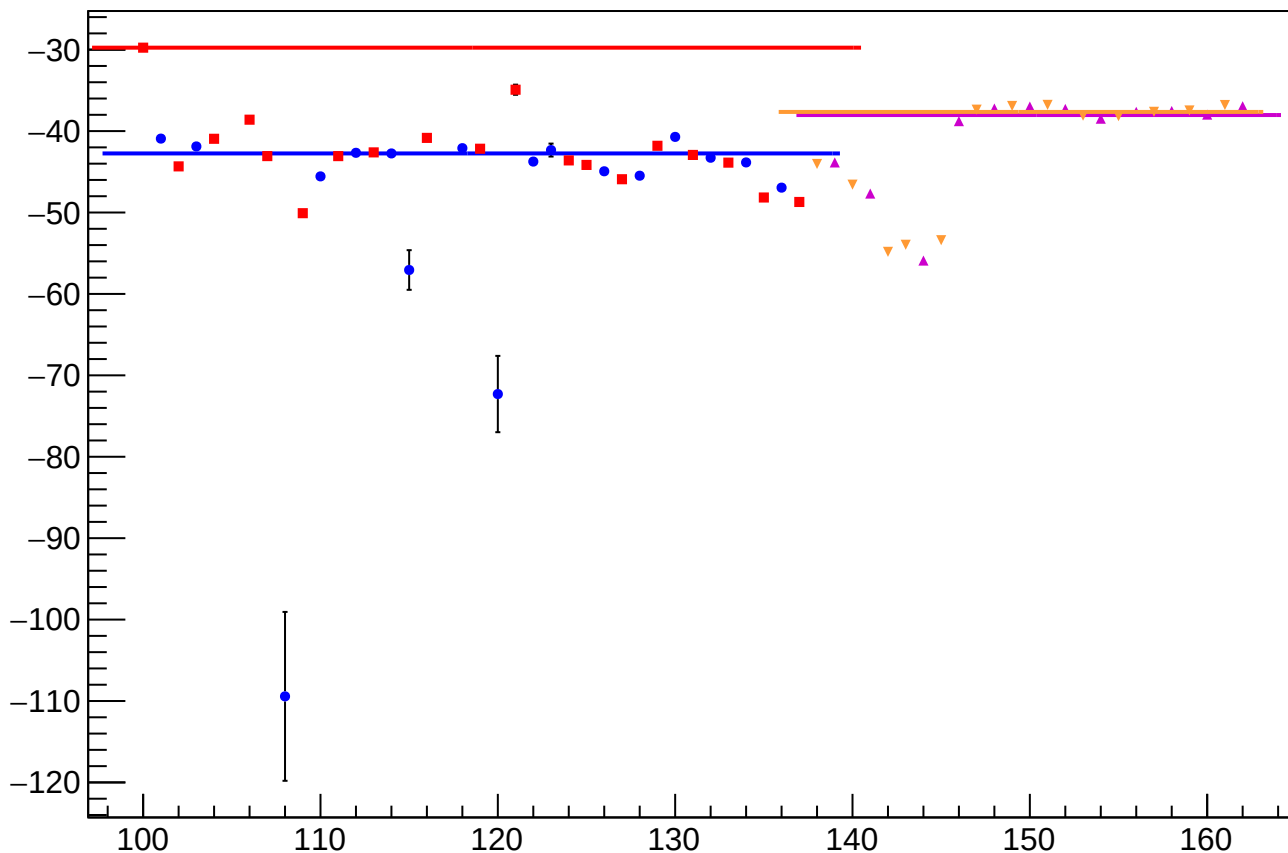
Right: 374.094 $\pm$ 0.000 χ^2 /NDF: 143328.3/35

In: 374.094 $\pm$ 0.000 χ^2 /NDF:172534.8/28

Out: 391.503 $\pm$ 0.110 χ^2 /NDF:186085.3/31

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 383726.2/60

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -37.646+/-0.005 χ^2/NDF : 256046.3/12

Right Out: -29.754+/-0.000 χ^2/NDF : 483930.3/18

Left In: -38.028+/-0.005 χ^2/NDF : 147784.7/11

Left: -37.823+/-0.003 χ^2/NDF : 406881.9/24

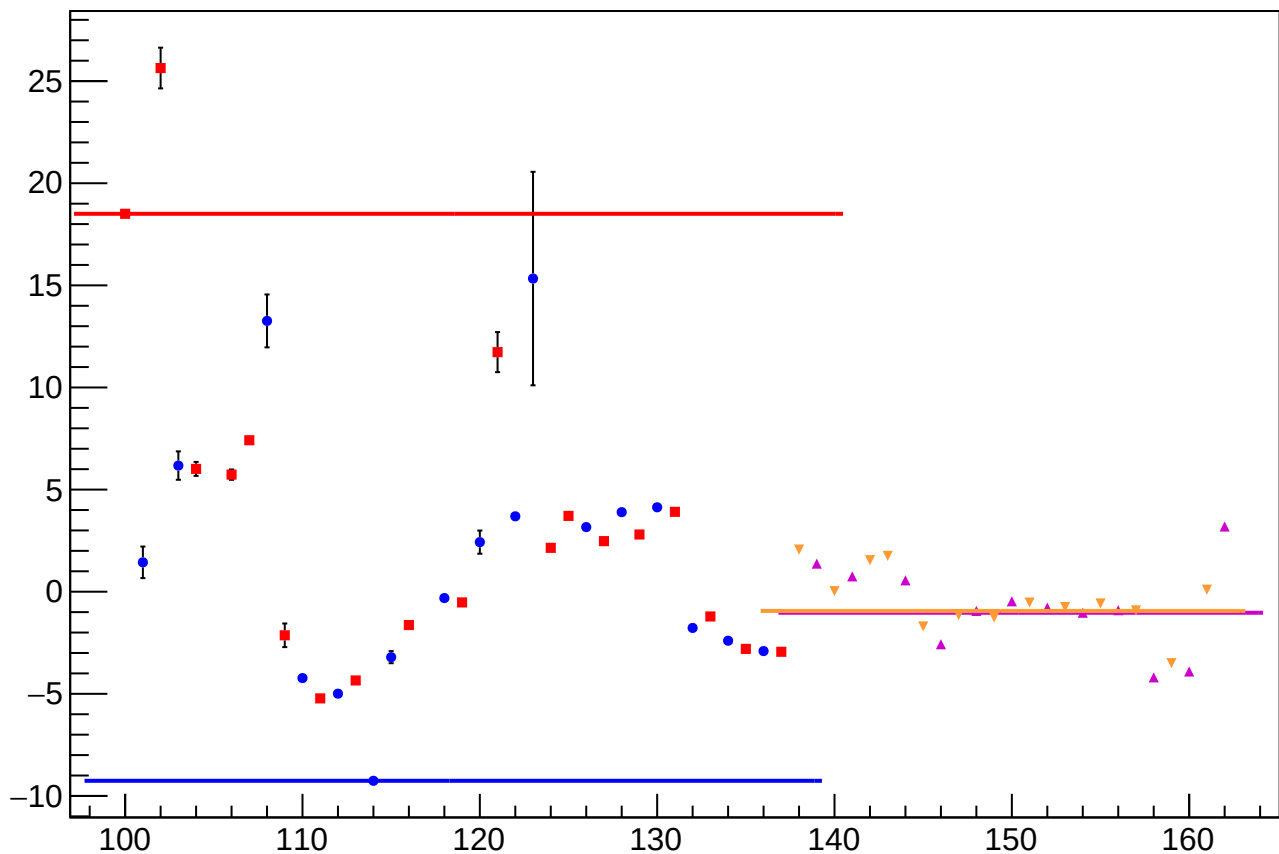
Right: -38.159+/-0.000 χ^2/NDF : 129765212680709

In: -42.744+/-0.000 χ^2/NDF : 1027705.0/28

Out: -29.754+/-0.000 χ^2/NDF : 3554424.9/31

All: -38.159+/-0.000 χ^2/NDF : 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: -0.941 ± 0.008 χ^2/NDF : 29510.4/12

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

Left In: -1.031 ± 0.008 χ^2/NDF : 59574.8/11

Left: -0.989 ± 0.006 χ^2/NDF : 89151.1/24

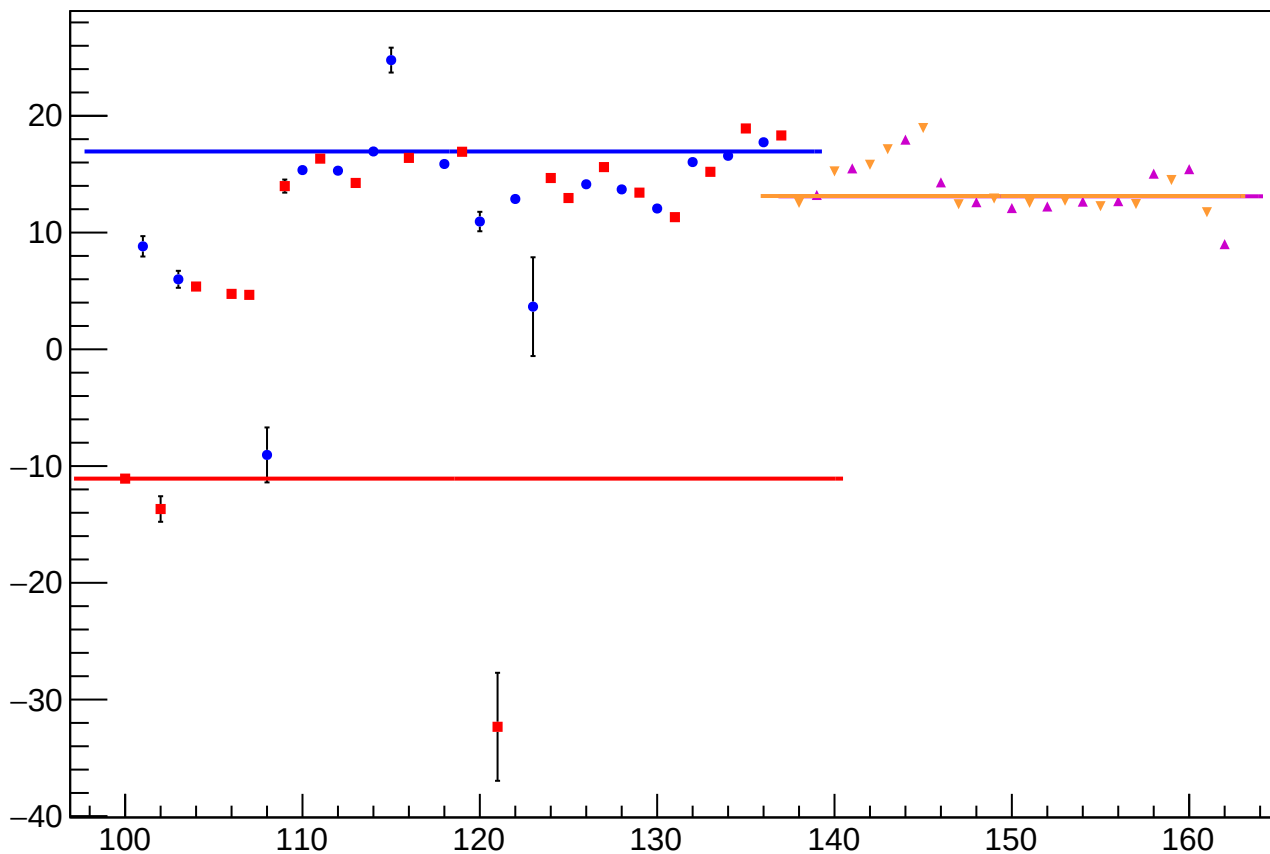
Right: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

In: -9.259 ± 0.000 χ^2/NDF : 1668657.3/28

Out: 18.504 ± 0.000 χ^2/NDF : 13056300.7/31

All: 6.039 ± 0.000 χ^2/NDF : 16450574505955581

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.131 $\pm$ 0.010 χ^2 /NDF:15696.1/12

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

Left In: 13.107 $\pm$ 0.011 χ^2 /NDF:25837.5/11

Left: 13.120 $\pm$ 0.007 χ^2 /NDF: 41536.5/24

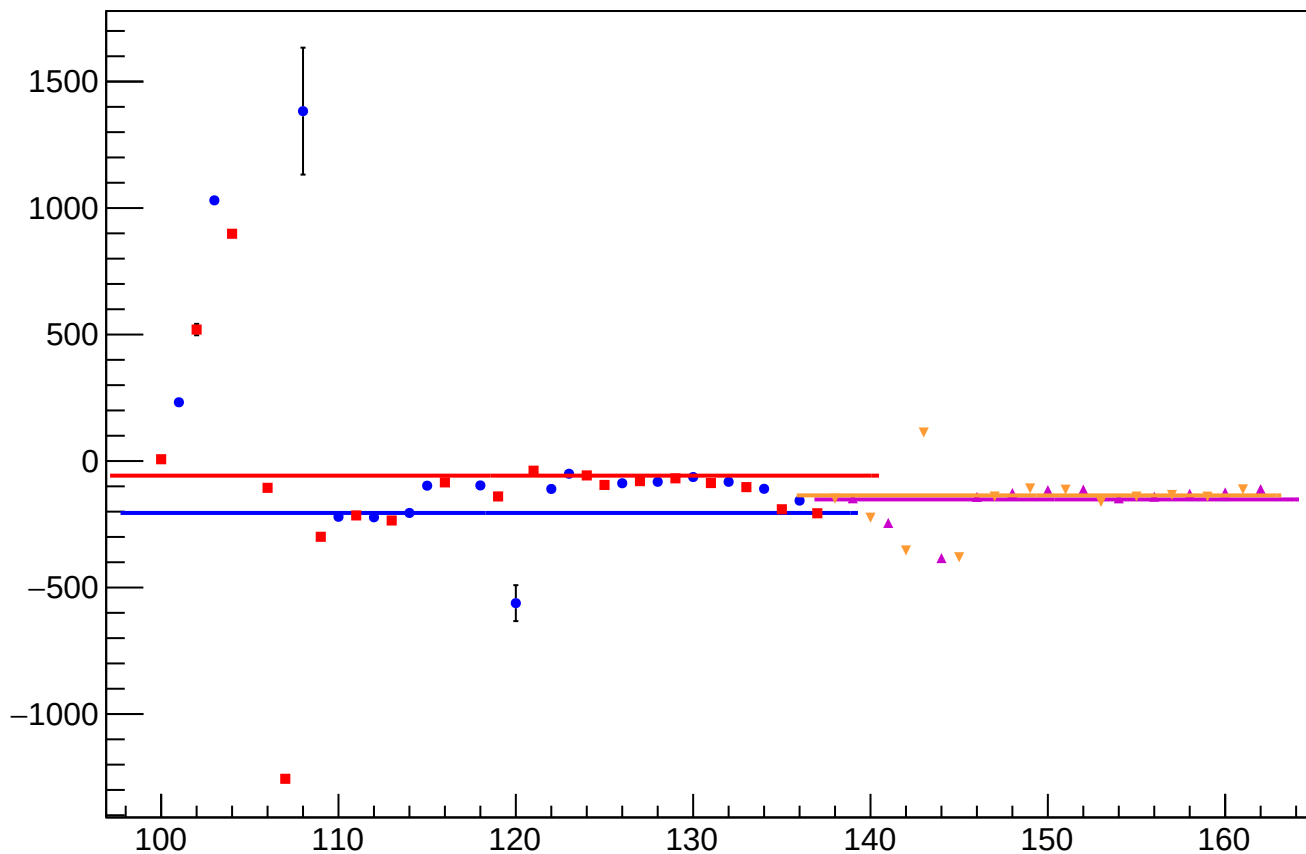
Right: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635666

In: 16.947 $\pm$ 0.000 χ^2 /NDF:167976.7/28

Out: -11.075 $\pm$ 0.000 χ^2 /NDF:8773064.0/31

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -135.730 ± 0.281 χ^2/NDF : 43355.3/12

Right Out: -57.684 ± 0.283 χ^2/NDF : 114854.9/18

Left In: -151.742 ± 0.322 χ^2/NDF : 41347.1/11

Left: -142.663 ± 0.212 χ^2/NDF : 86105.8/24

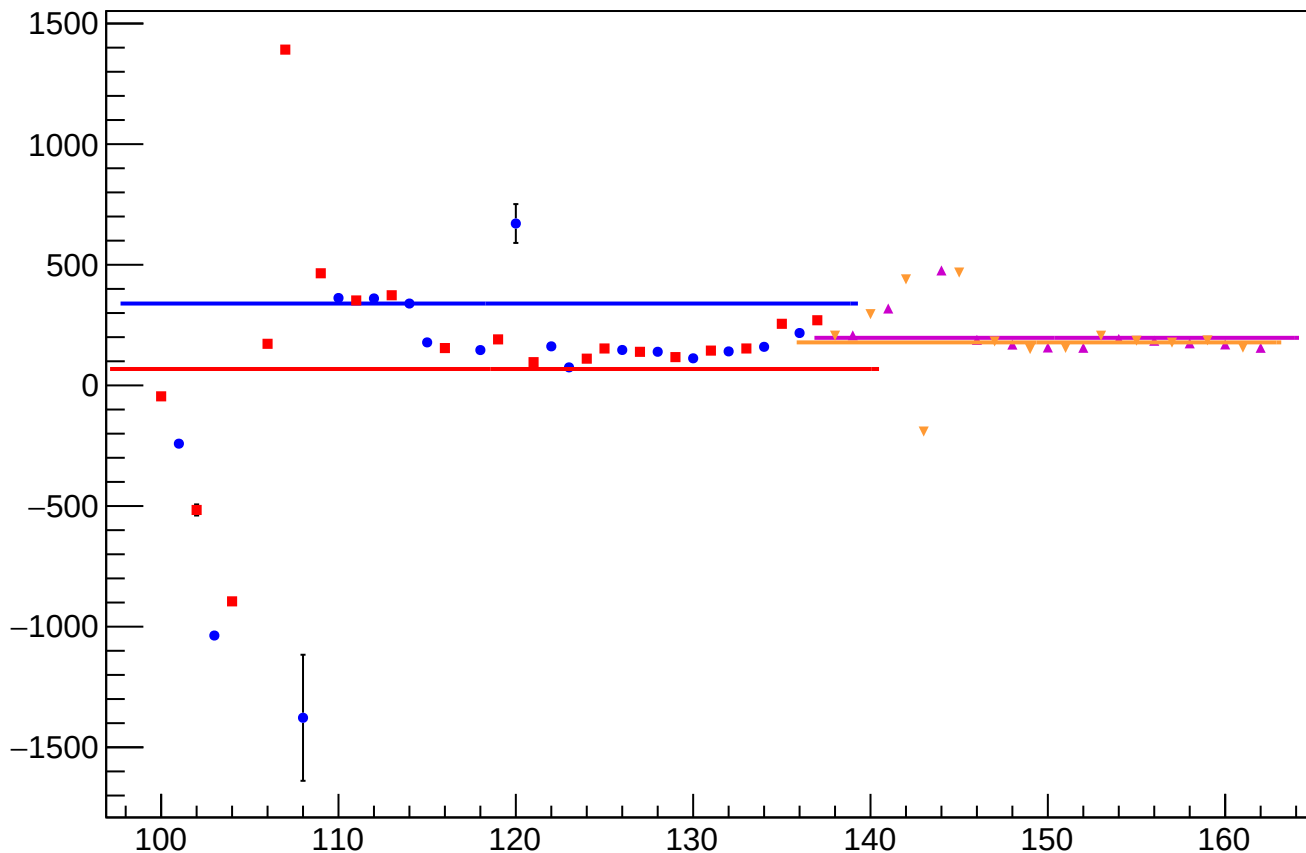
Right: -205.160 ± 0.000 χ^2/NDF : 968522.3/35

In: -205.160 ± 0.000 χ^2/NDF : 651667.6/28

Out: -96.994 ± 0.200 χ^2/NDF : 196422.4/31

All: -205.160 ± 0.000 χ^2/NDF : 1141700.4/60

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 178.300+/-0.281 χ^2/NDF : 79237.0/12

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

Left In: 197.221+/-0.326 χ^2/NDF : 47856.1/11

Left: 186.373+/-0.213 χ^2/NDF : 129024.2/24

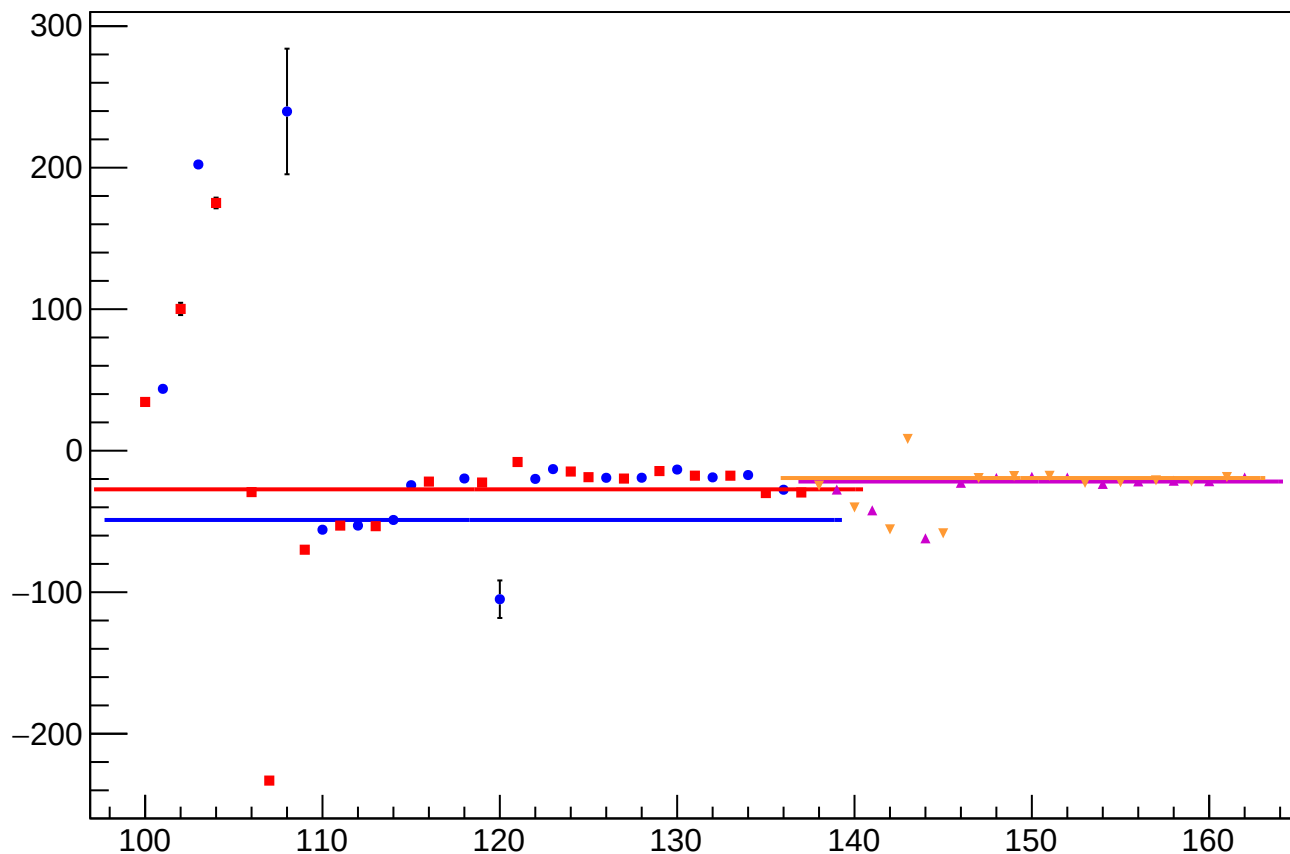
Right: 339.325+/-0.000 χ^2/NDF : 2202286.8/35

In: 339.325+/-0.000 χ^2/NDF : 1268446.8/28

Out: 124.099+/-0.201 χ^2/NDF : 427126.1/31

All: 339.325+/-0.000 χ^2/NDF : 2847142.3/60

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -19.312 ± 0.013 χ^2/NDF : 564408.1/12

Right Out: -27.303 ± 0.052 χ^2/NDF : 167879.9/18

Left In: -21.789 ± 0.018 χ^2/NDF : 124006.1/11

Left: -20.210 ± 0.011 χ^2/NDF : 701028.9/24

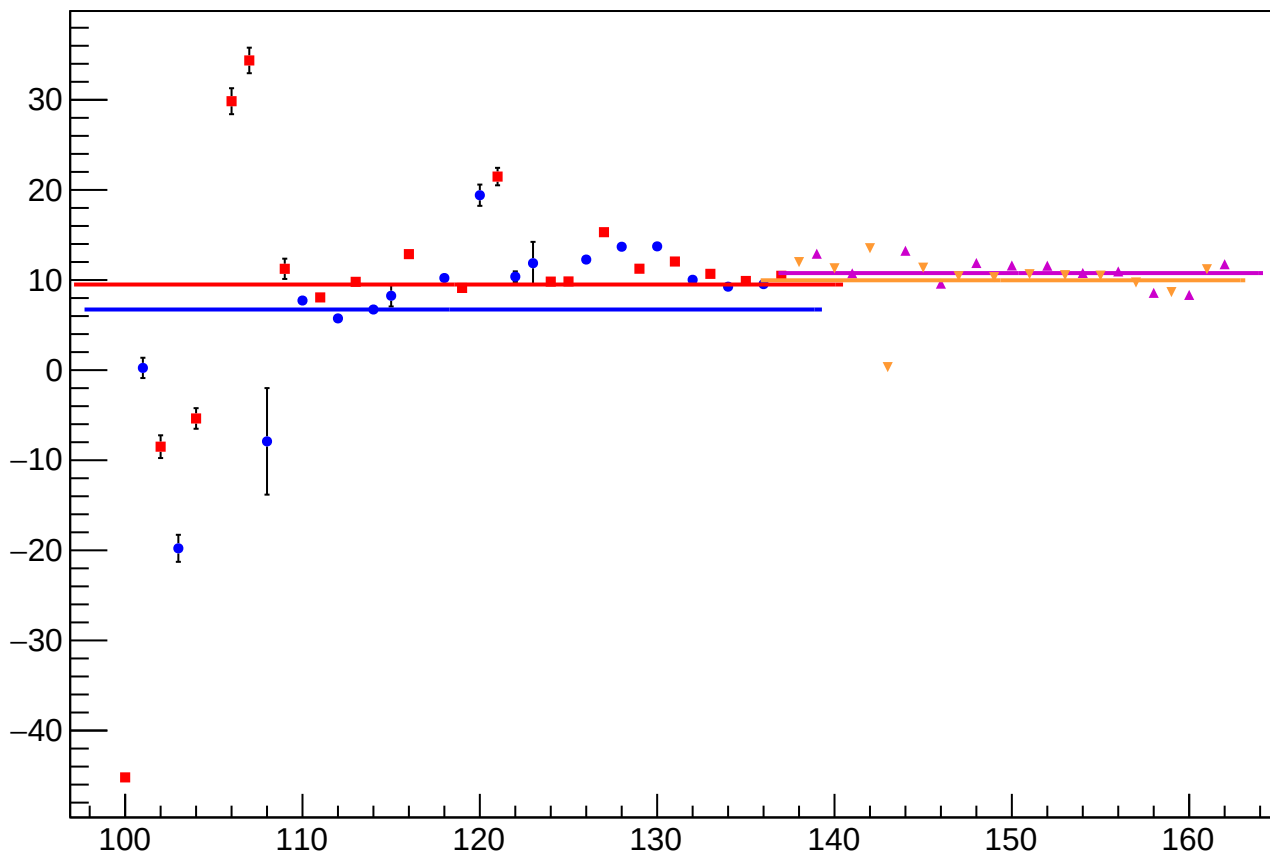
Right: -48.945 ± 0.000 χ^2/NDF : 5751523.0/35

In: -48.945 ± 0.000 χ^2/NDF : 7912687.1/28

Out: -19.807 ± 0.013 χ^2/NDF : 754703.5/31

All: -48.945 ± 0.000 χ^2/NDF : 13799569.1/60

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 9.971 ± 0.019 χ^2/NDF : 21829.8/12

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

Left In: 10.771 ± 0.015 χ^2/NDF : 8391.9/11

Left: 10.463 ± 0.012 χ^2/NDF : 31330.9/24

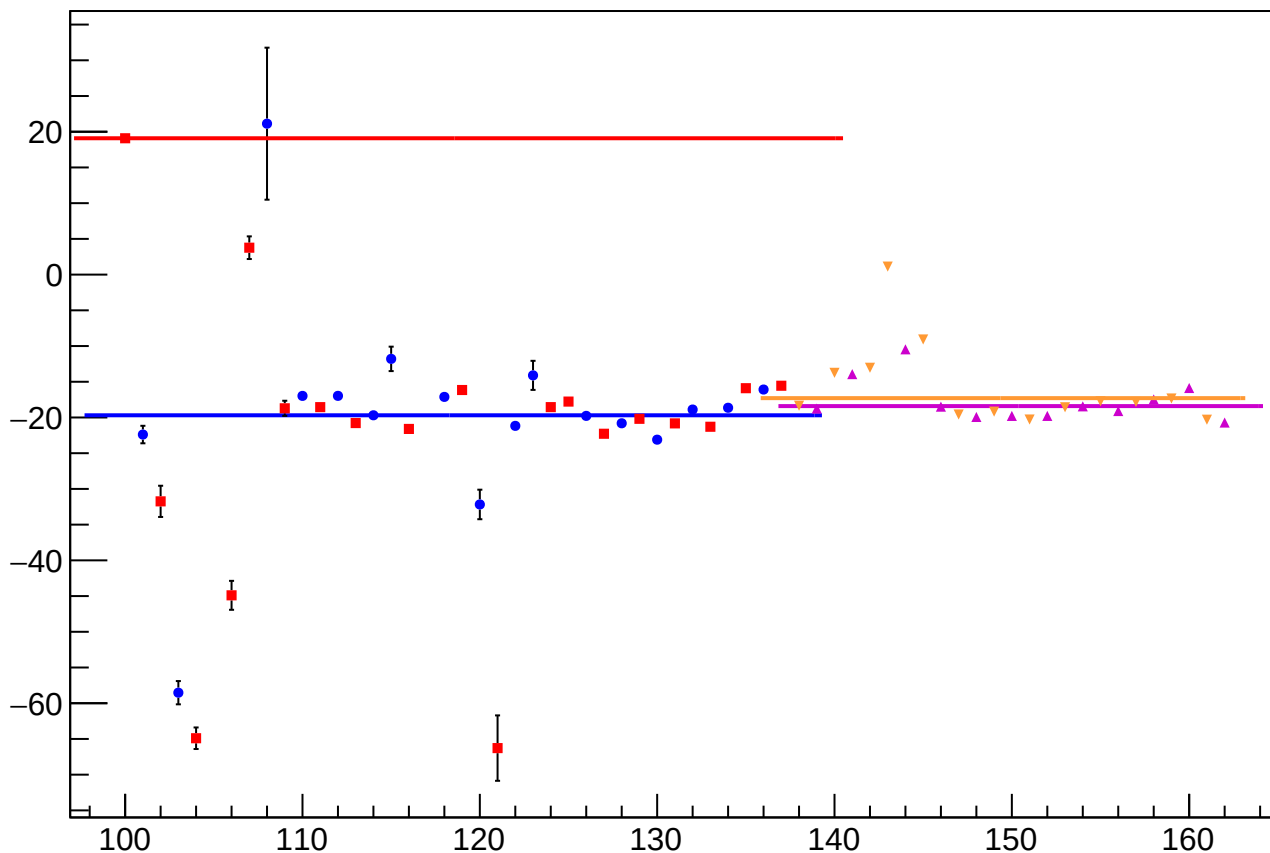
Right: 6.728 ± 0.000 χ^2/NDF : 46635.2/35

In: 6.728 ± 0.000 χ^2/NDF : 95635.3/28

Out: 9.868 ± 0.017 χ^2/NDF : 48787.5/31

All: 6.728 ± 0.000 χ^2/NDF : 179983.2/60

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -17.293 ± 0.022 $\chi^2/\text{NDF}: 37474.1/12$

Right Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 610746.9/18$

Left In: -18.407 ± 0.020 $\chi^2/\text{NDF}: 7635.6/11$

Left: -17.884 ± 0.015 $\chi^2/\text{NDF}: 46528.3/24$

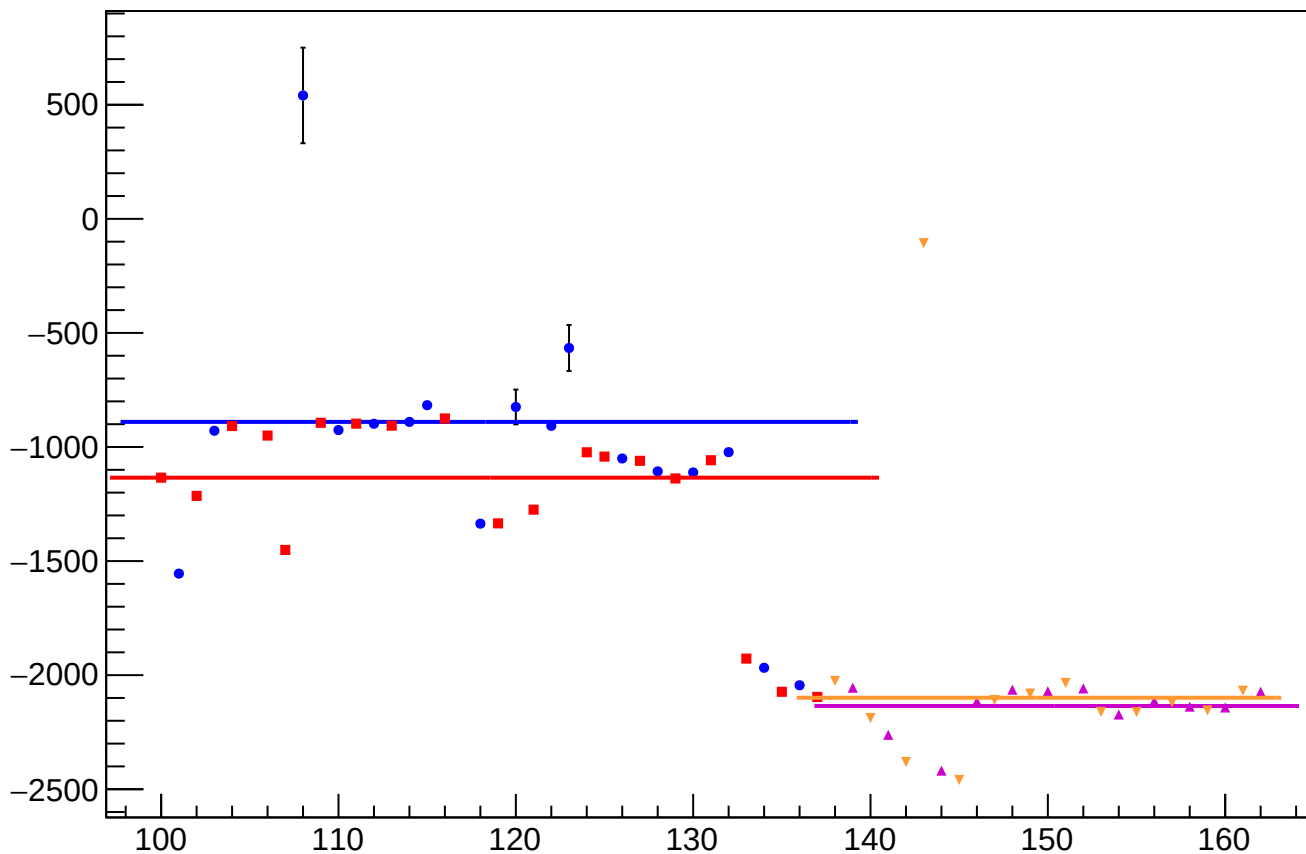
Right: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292657$

In: -19.693 ± 0.000 $\chi^2/\text{NDF}: 19245.2/28$

Out: 19.086 ± 0.000 $\chi^2/\text{NDF}: 3500091.3/31$

All: -6.006 ± 0.000 $\chi^2/\text{NDF}: 4625637731292$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2099.093+/-0.521 χ^2/NDF : 265139.6/12

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

Left In: -2135.289+/-0.503 χ^2/NDF : 32555.4/11

Left: -2117.827+/-0.362 χ^2/NDF : 300193.1/24

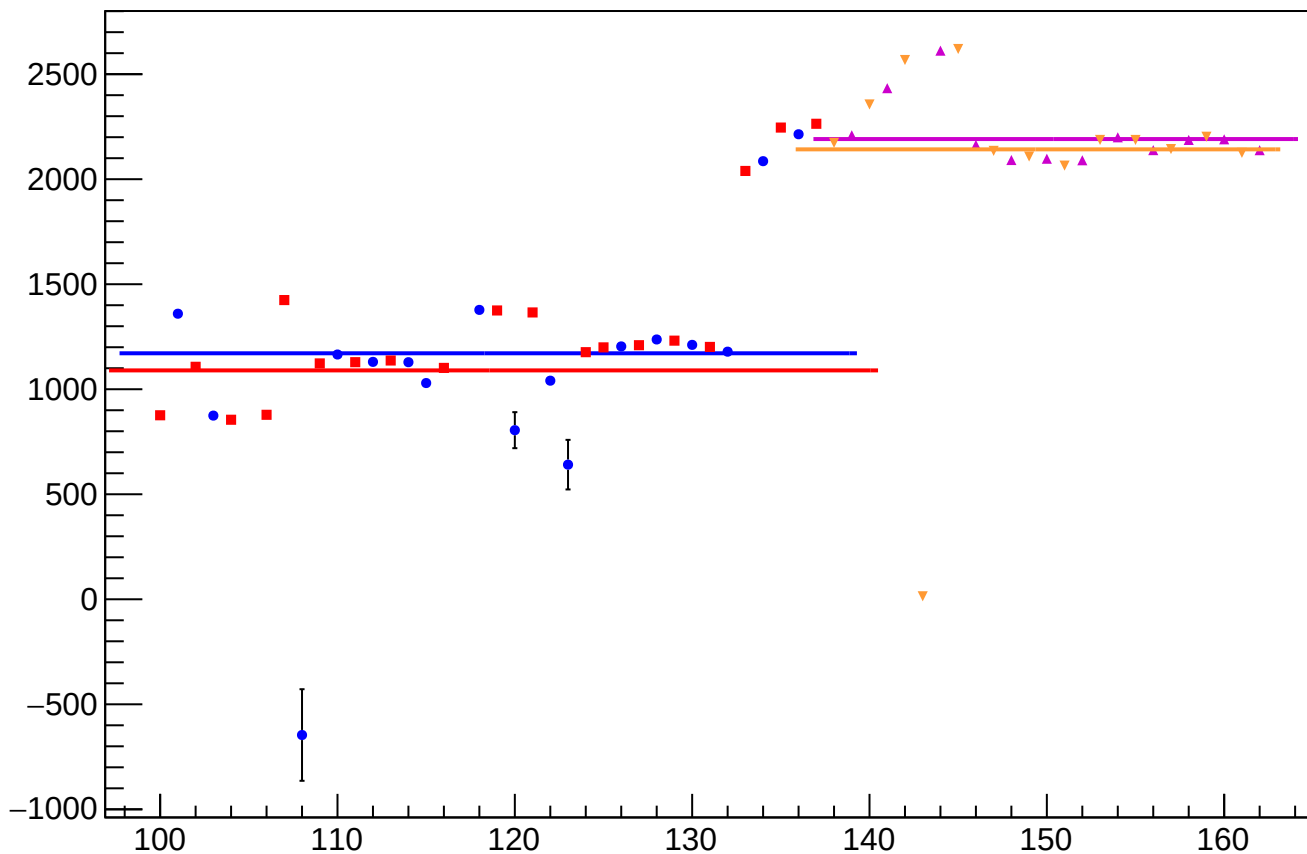
Right: -976.220+/-0.000 χ^2/NDF : 44889787387498

In: -889.928+/-0.000 χ^2/NDF : 6938129.8/28

Out: -1134.421+/-0.000 χ^2/NDF : 4427227.9/31

All: -976.220+/-0.000 χ^2/NDF : 44889787387

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2142.086 $\pm$ 0.514 χ^2 /NDF:303086.8/12

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

Left In: 2191.150 $\pm$ 0.509 χ^2 /NDF:56151.1/11

Left: 2166.833 $\pm$ 0.362 χ^2 /NDF: 363838.8/24

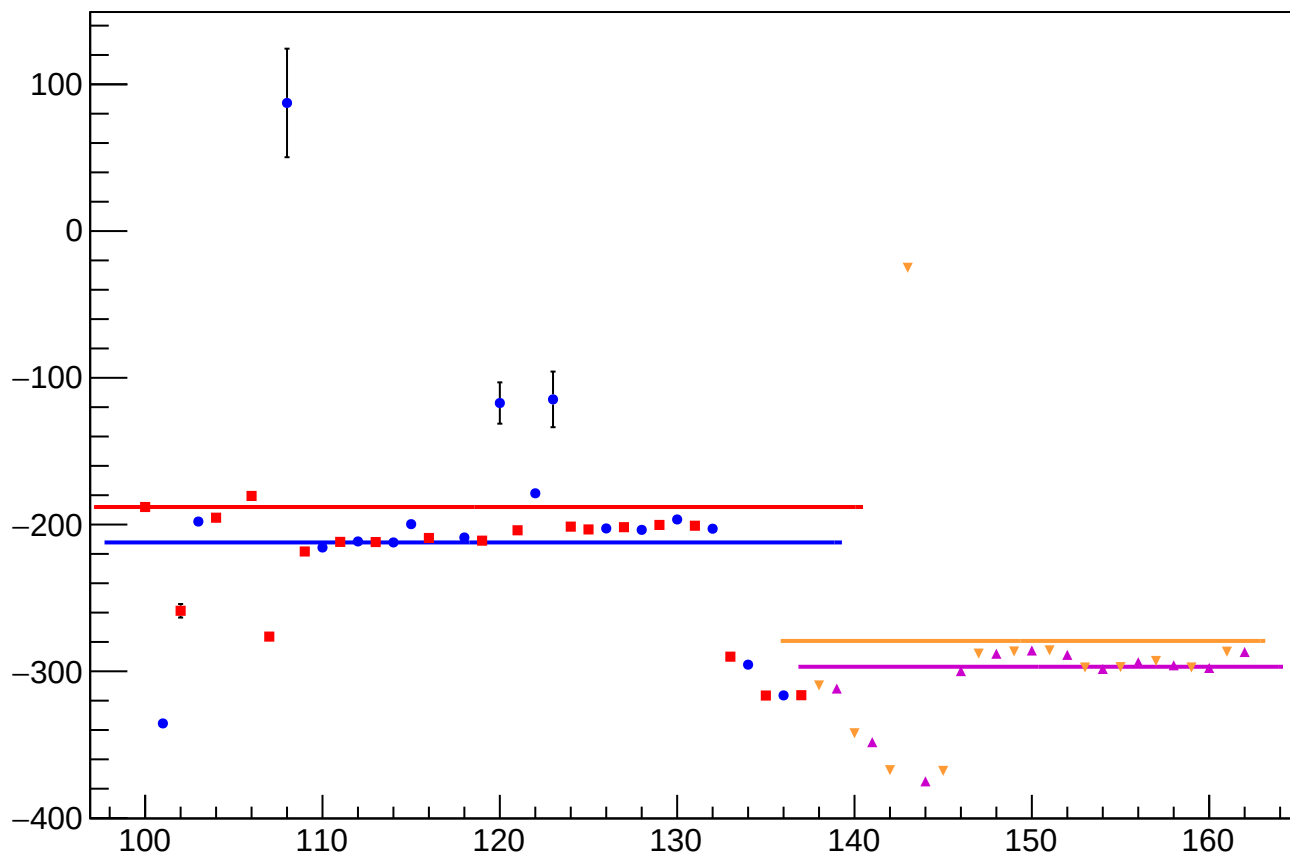
Right: 1131.764 $\pm$ 0.176 χ^2 /NDF: 1662665.0/35

In: 1363.383 $\pm$ 0.221 χ^2 /NDF:3821049.1/28

Out: 1295.715 $\pm$ 0.227 χ^2 /NDF:4778570.6/31

All: 1330.491 $\pm$ 0.158 χ^2 /NDF: 8645171.5/60

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -279.296 ± 0.028 $\chi^2/\text{NDF}: 5744844.5/12$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

Left In: -296.907 ± 0.027 $\chi^2/\text{NDF}: 291400.4/11$

Left: -288.528 ± 0.019 $\chi^2/\text{NDF}: 6244929.6/24$

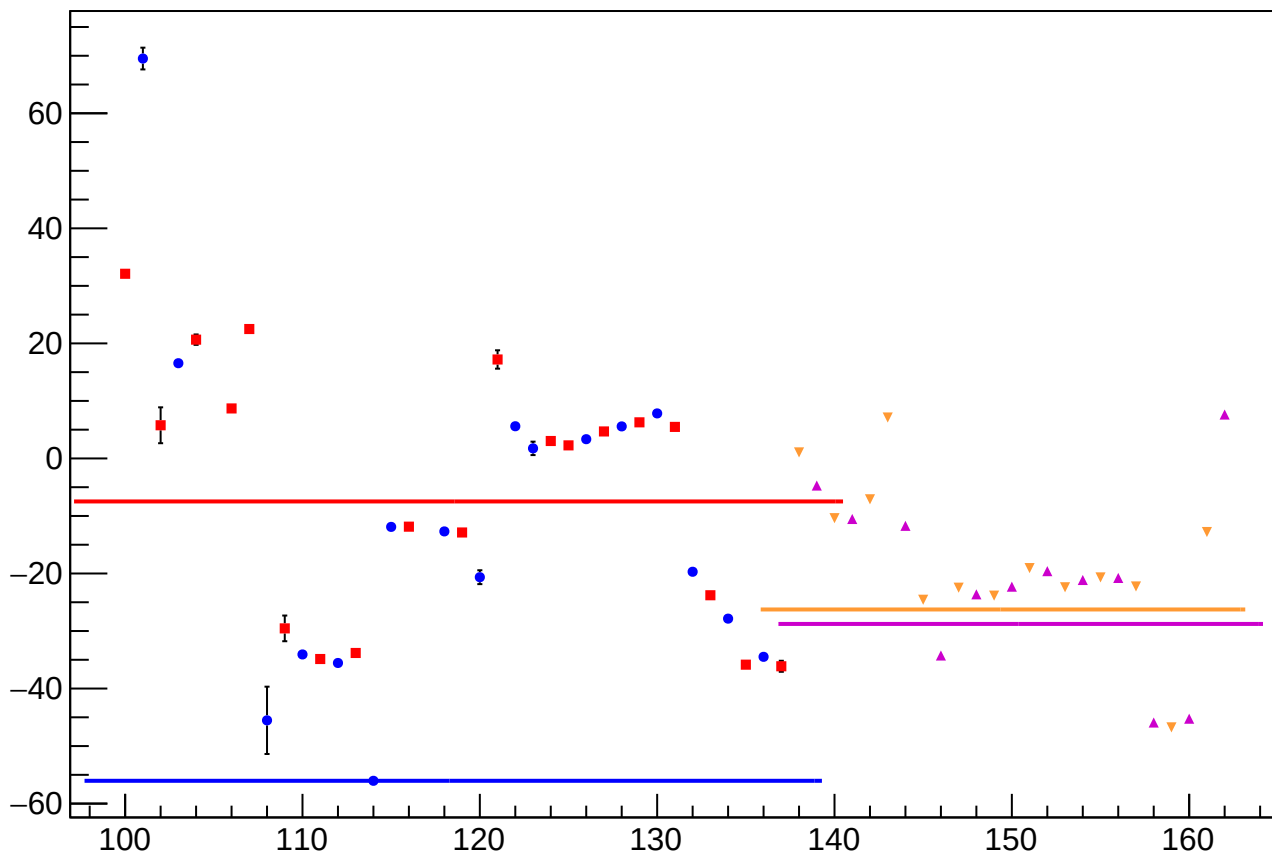
Right: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625661$

In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 11589633.3/28$

Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 17036960.8/31$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -26.255 $\pm$ 0.028 χ^2 /NDF: 204832.9/12

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

Left In: -28.769 $\pm$ 0.025 χ^2 /NDF: 373163.7/11

Left: -27.660 $\pm$ 0.019 χ^2 /NDF: 582522.3/24

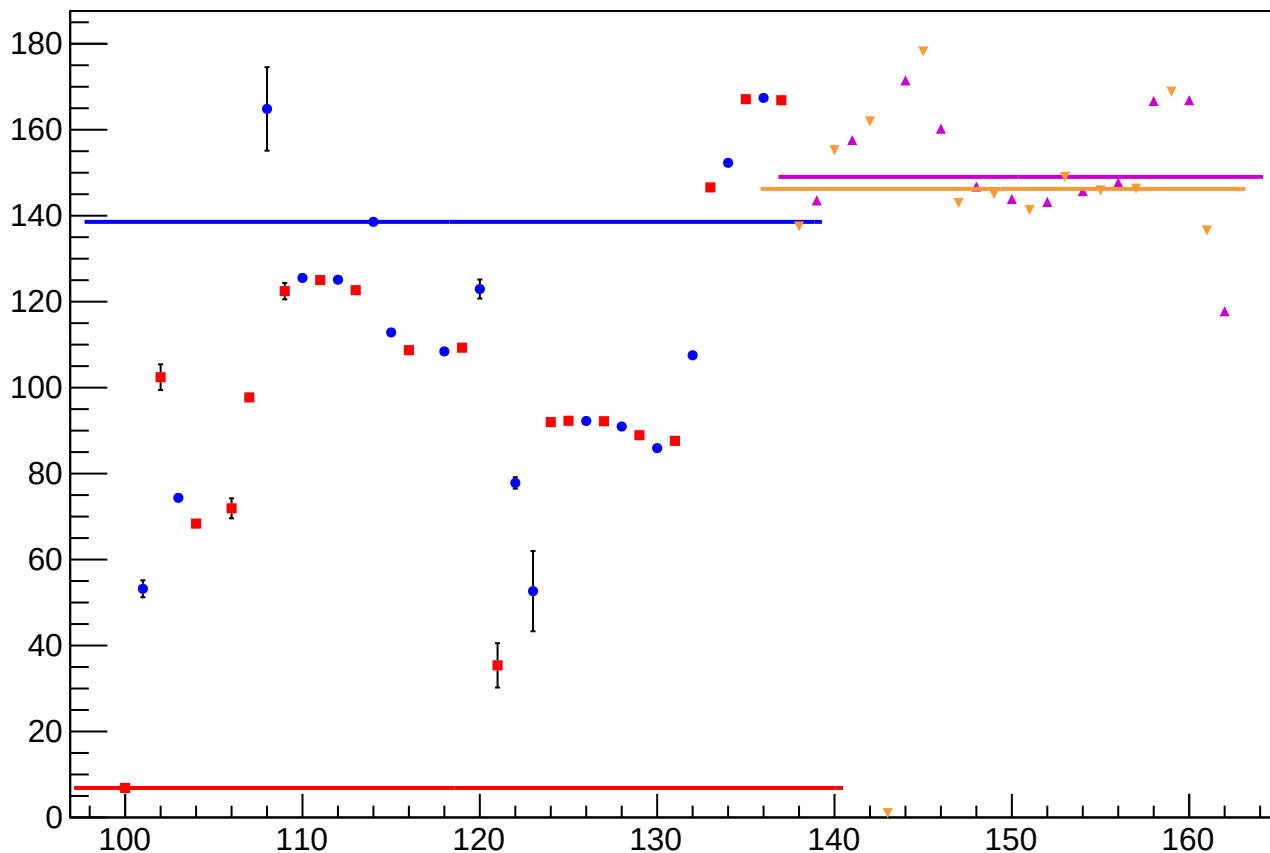
Right: -56.037 $\pm$ 0.000 χ^2 /NDF: 3084882.3/35

In: -56.037 $\pm$ 0.000 χ^2 /NDF: 3165304.5/28

Out: -20.525 $\pm$ 0.023 χ^2 /NDF: 516464.1/31

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 6005076.0/60

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 146.236 $\pm$ 0.035 χ^2 /NDF:366190.3/12

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

Left In: 149.031 $\pm$ 0.034 χ^2 /NDF:132458.3/11

Left: 147.670 $\pm$ 0.024 χ^2 /NDF: 501930.6/24

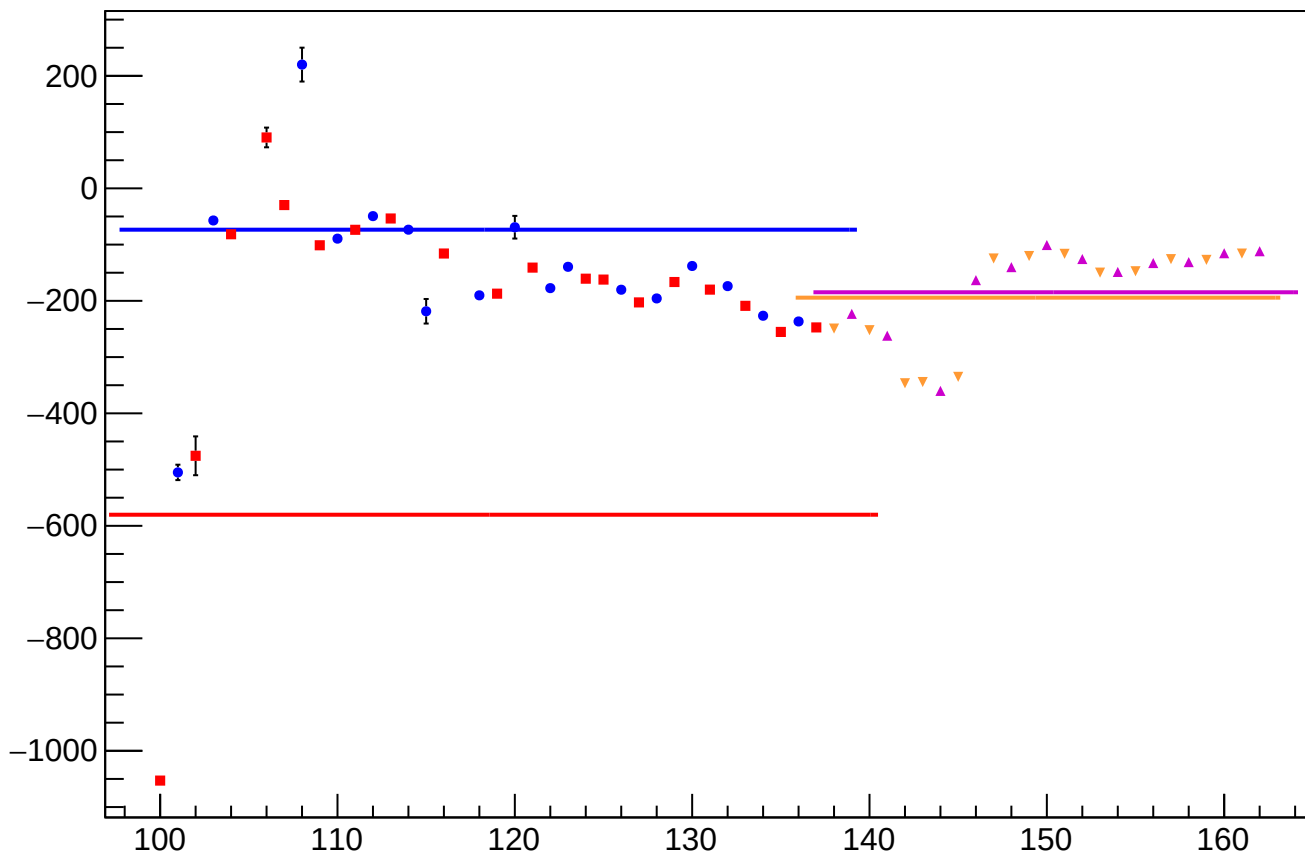
Right: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928678

In: 138.565 $\pm$ 0.000 χ^2 /NDF:1128083.0/28

Out: 6.866 $\pm$ 0.000 χ^2 /NDF:24317409.2/31

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -194.336+/-0.322 χ^2/NDF : 63805.3/12

Right Out: -580.262+/-0.261 χ^2/NDF : 3031609.5/18

Left In: -184.738+/-0.340 χ^2/NDF : 60486.3/11

Left: -189.798+/-0.234 χ^2/NDF : 124712.2/24

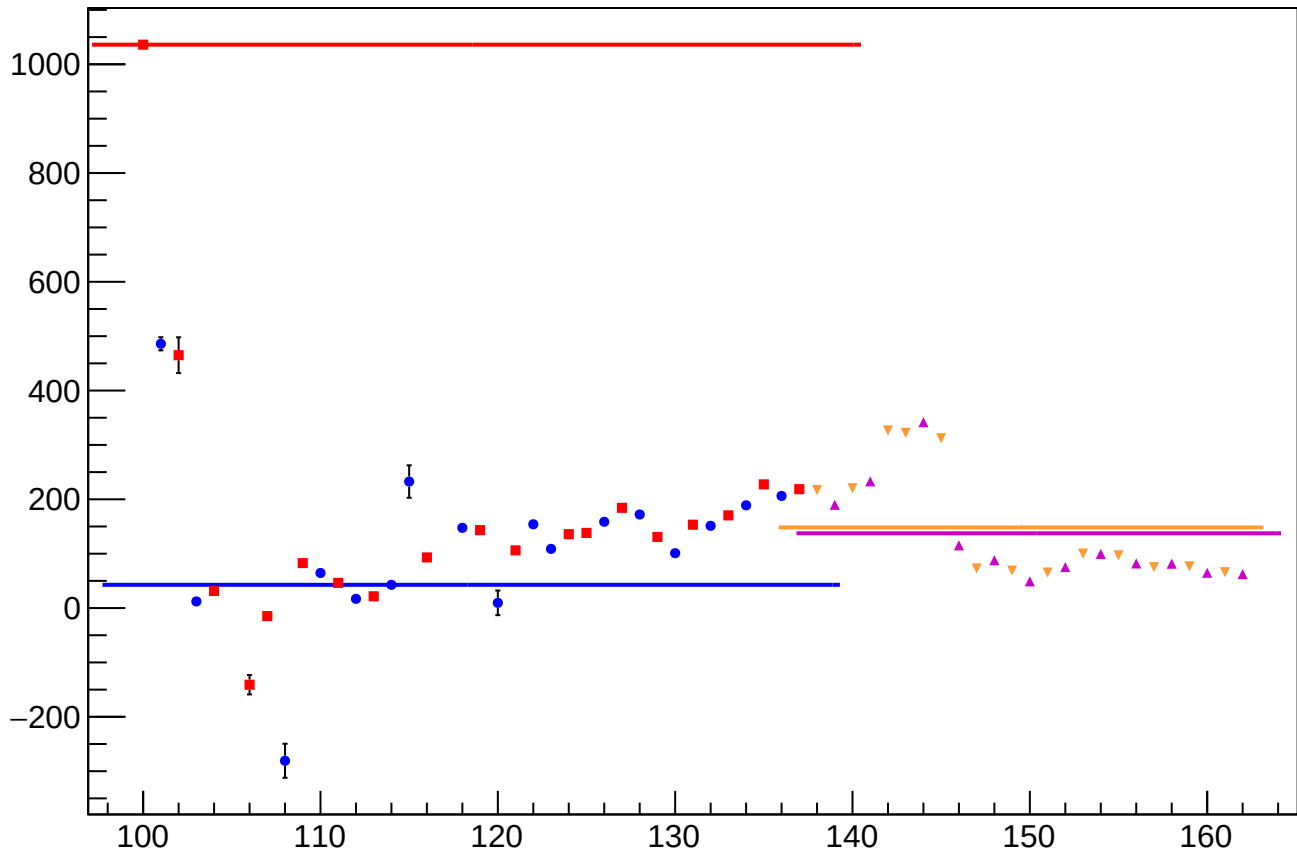
Right: -73.485+/-0.000 χ^2/NDF : 6902096.9/35

In: -73.485+/-0.000 χ^2/NDF : 266408.0/28

Out: -427.161+/-0.203 χ^2/NDF : 3963168.2/31

All: -73.485+/-0.000 χ^2/NDF : 7274652.5/60

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 148.200+/-0.326 χ^2/NDF : 78462.1/12

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

Left In: 137.541+/-0.347 χ^2/NDF : 70035.1/11

Left: 143.202+/-0.238 χ^2/NDF : 148998.7/24

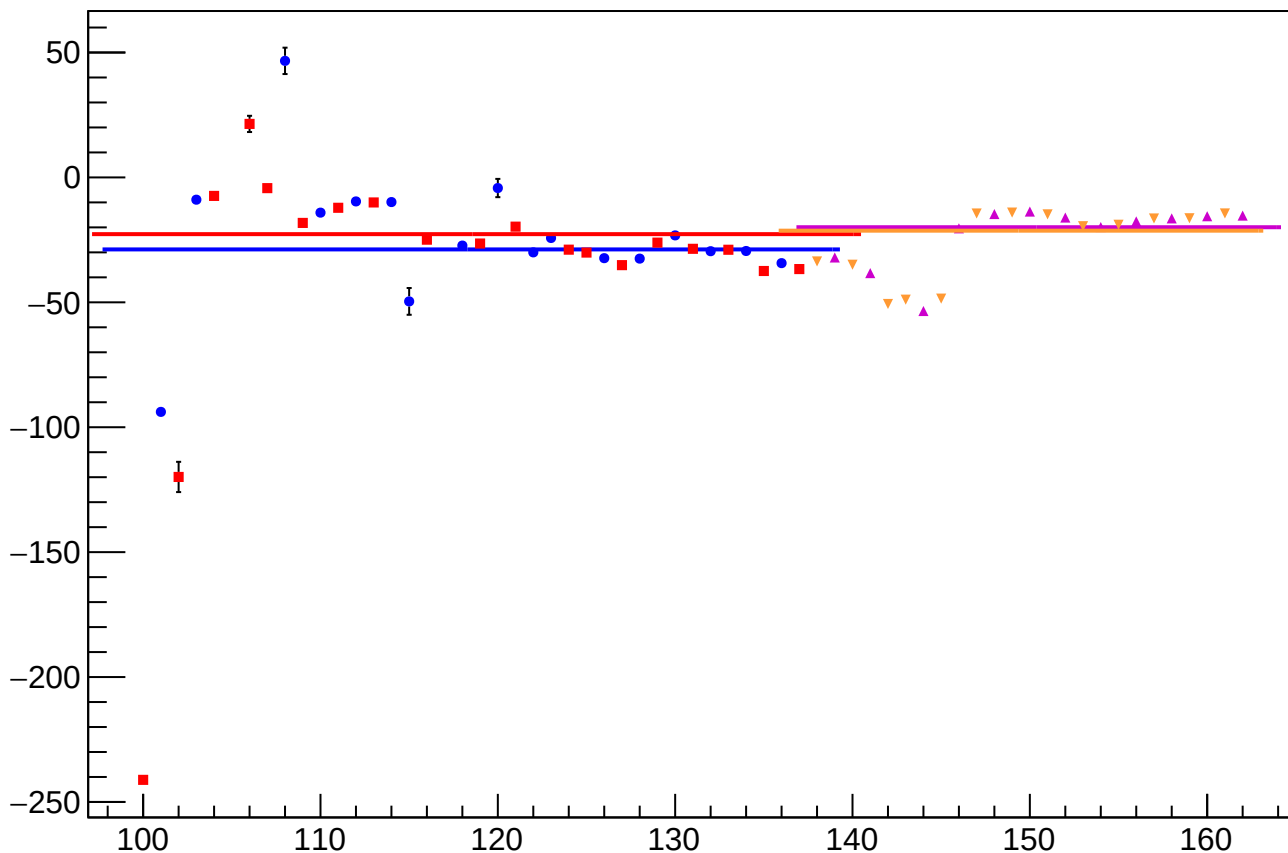
Right: 43.272+/-0.000 χ^2/NDF : 1144517497266833

In: 42.743+/-0.000 χ^2/NDF : 229328.4/28

Out: 1036.068+/-0.000 χ^2/NDF : 12434557.1/31

All: 43.272+/-0.000 χ^2/NDF : 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -21.318 ± 0.016 $\chi^2/\text{NDF}: 344135.1/12$

Right Out: -22.707 ± 0.038 $\chi^2/\text{NDF}: 410174.9/18$

Left In: -19.940 ± 0.019 $\chi^2/\text{NDF}: 199977.6/11$

Left: -20.732 ± 0.012 $\chi^2/\text{NDF}: 547285.8/24$

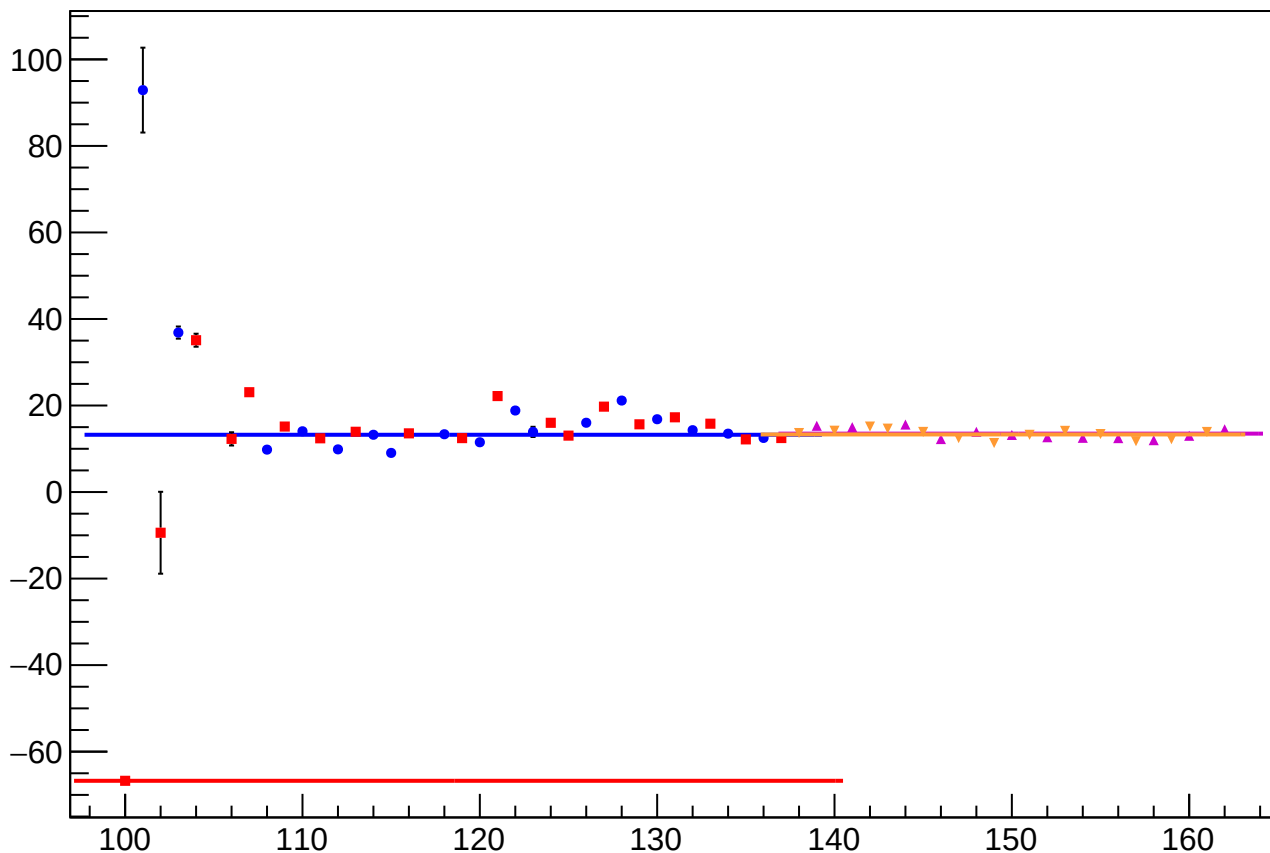
Right: -26.045 ± 0.026 $\chi^2/\text{NDF}: 473753.1/35$

In: -21.910 ± 0.016 $\chi^2/\text{NDF}: 300360.4/28$

Out: -21.525 ± 0.015 $\chi^2/\text{NDF}: 755442.3/31$

All: -21.697 ± 0.011 $\chi^2/\text{NDF}: 1056108.7/60$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.313 $\pm$ 0.016 χ^2 /NDF: 3827.2/12

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

Left In: 13.501 $\pm$ 0.016 χ^2 /NDF: 5051.8/11

Left: 13.408 $\pm$ 0.011 χ^2 /NDF: 8946.7/24

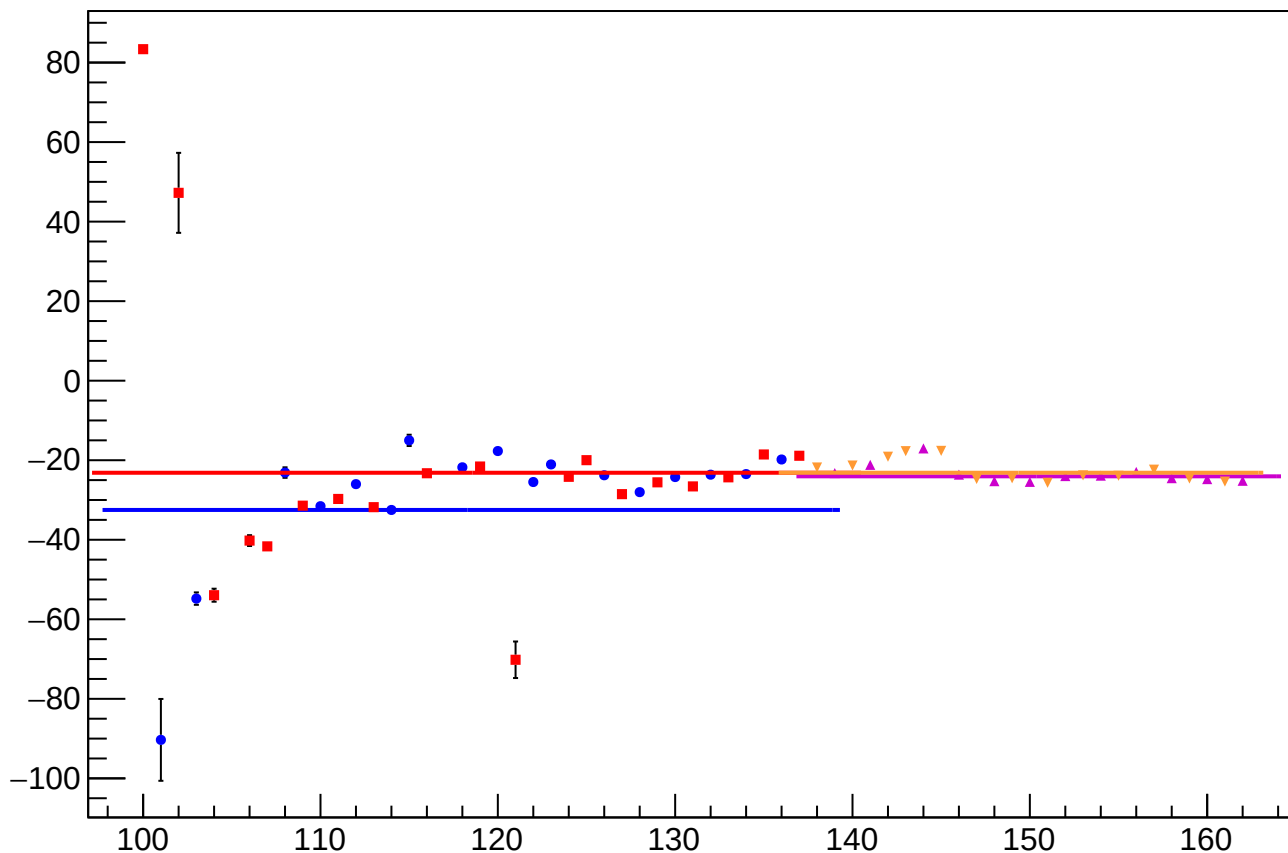
Right: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651005

In: 13.238 $\pm$ 0.000 χ^2 /NDF: 11076.5/28

Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 27333073.2/31

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -23.144 ± 0.022 χ^2/NDF : 12200.9/12

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

Left In: -24.049 ± 0.020 χ^2/NDF : 6257.1/11

Left: -23.656 ± 0.015 χ^2/NDF : 19386.9/24

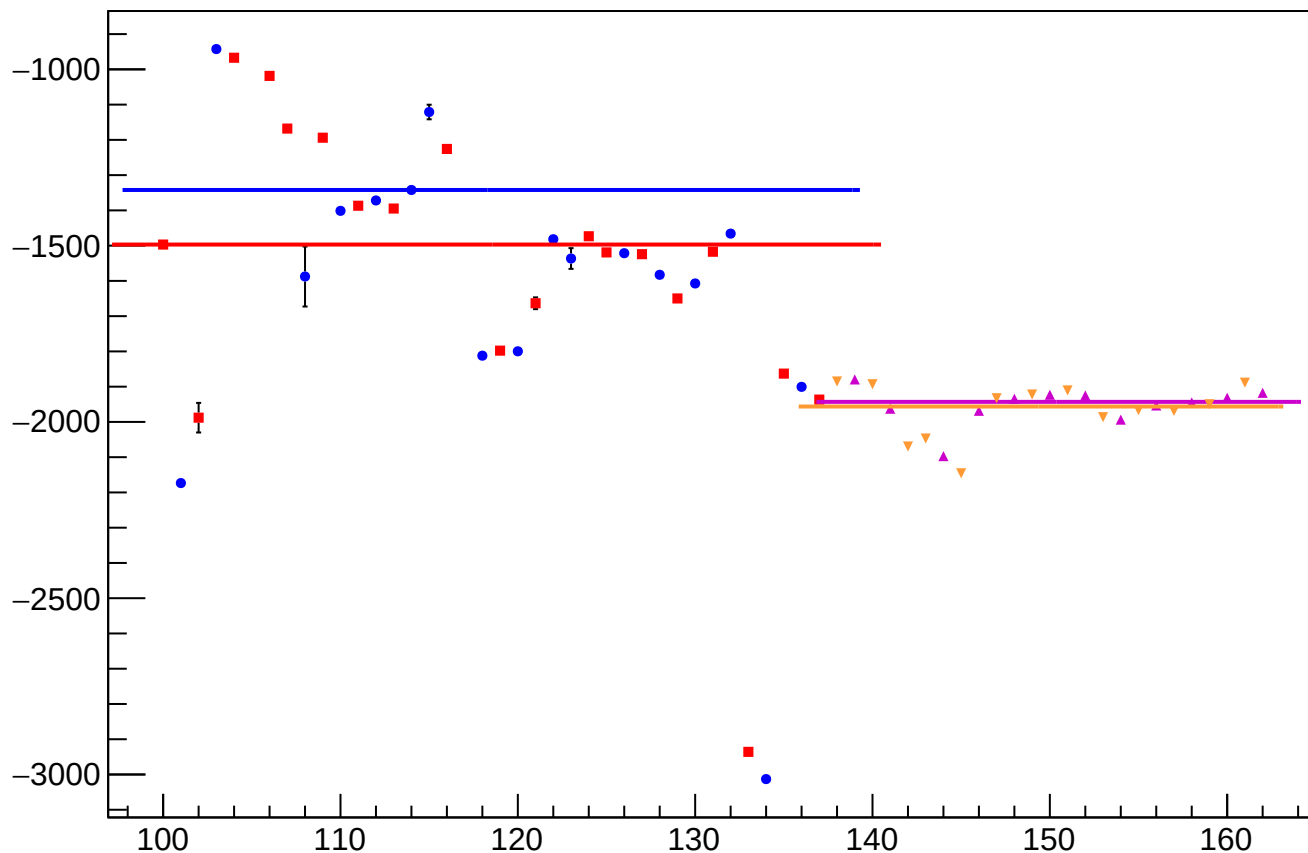
Right: -32.504 ± 0.000 χ^2/NDF : 203519.3/35

In: -32.504 ± 0.000 χ^2/NDF : 267220.3/28

Out: -23.146 ± 0.020 χ^2/NDF : 102950.3/31

All: -32.504 ± 0.000 χ^2/NDF : 584591.7/60

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1956.304+/-0.443 χ^2/NDF :15077.0/12

Right Out: -1496.932+/-0.000 χ^2/NDF : 504712.5/18

Left In: -1943.100+/-0.347 χ^2/NDF :16044.3/11

Left: -1948.120+/-0.273 χ^2/NDF : 31671.1/24

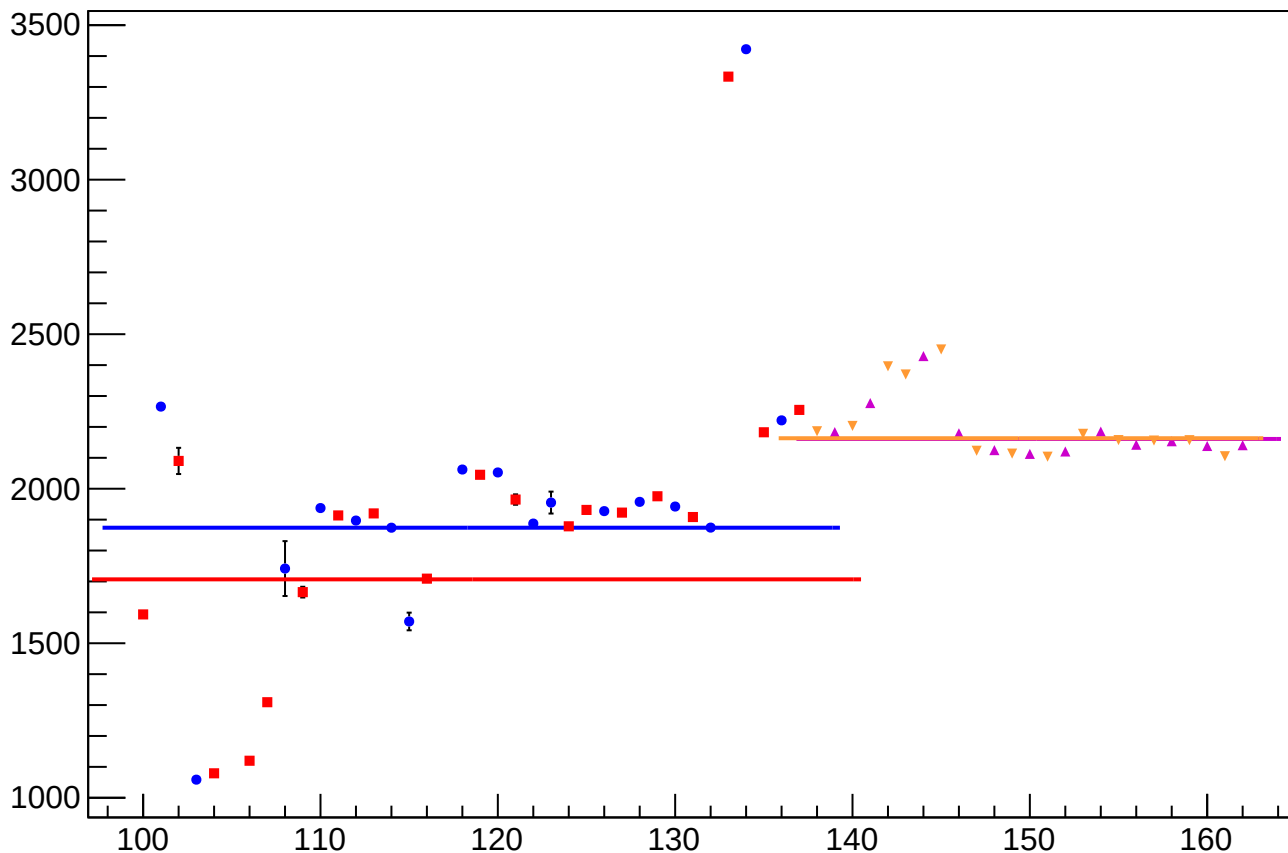
Right: -1396.751+/-0.000 χ^2/NDF : 1800086126763

In: -1342.107+/-0.000 χ^2/NDF :3383870.7/28

Out: -1496.932+/-0.000 χ^2/NDF :1593549.5/31

All: -1396.751+/-0.000 χ^2/NDF : 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2163.328 ± 0.445 $\chi^2/\text{NDF}: 28000.4/12$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

Left In: 2161.046 ± 0.348 $\chi^2/\text{NDF}: 36665.9/11$

Left: 2161.912 ± 0.274 $\chi^2/\text{NDF}: 64682.6/24$

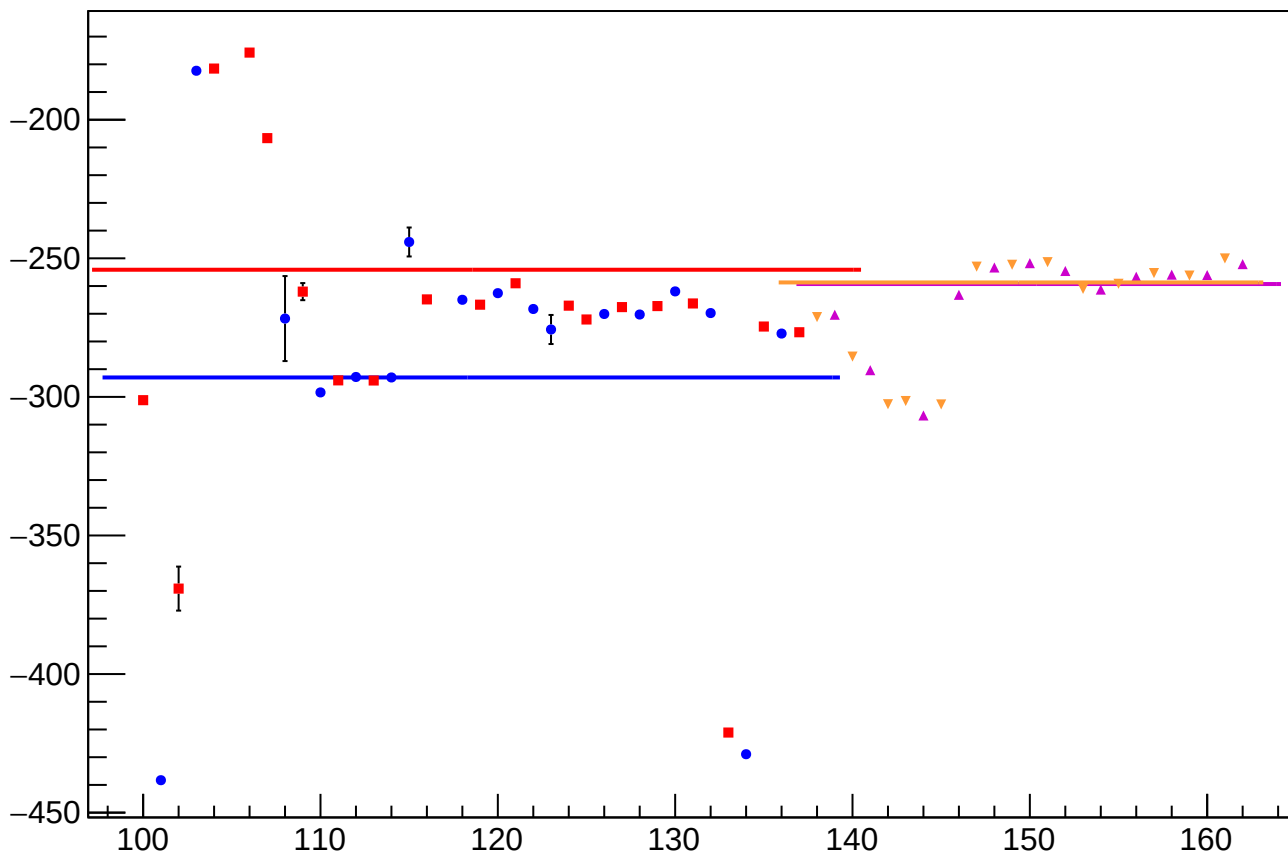
Right: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 1344906.8/35$

In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 919349.8/28$

Out: 1850.968 ± 0.250 $\chi^2/\text{NDF}: 1586110.0/31$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 2513830.8/60$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -258.699 ± 0.024 $\chi^2/\text{NDF}: 204721.5/12$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

Left In: -259.277 ± 0.021 $\chi^2/\text{NDF}: 247520.4/11$

Left: -259.035 ± 0.016 $\chi^2/\text{NDF}: 452570.6/24$

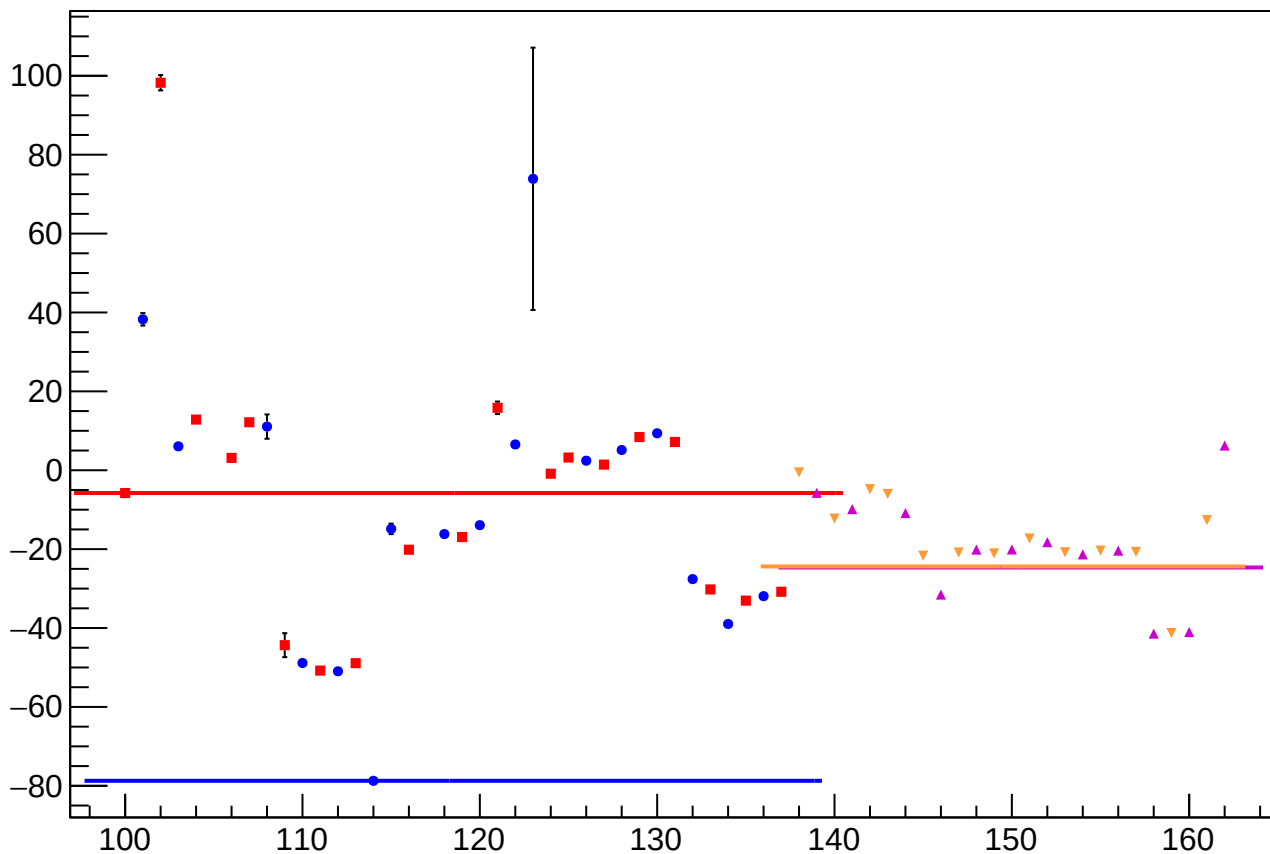
Right: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1952225.7/35$

In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 3934803.2/28$

Out: -258.035 ± 0.022 $\chi^2/\text{NDF}: 712532.7/31$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 7066376.6/60$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -24.389+/-0.026 χ^2/NDF :159472.3/12

Right Out: -5.769+/-0.000 χ^2/NDF : 111570.1/18

Left In: -24.654+/-0.021 χ^2/NDF :350748.4/11

Left: -24.553+/-0.016 χ^2/NDF : 510284.1/24

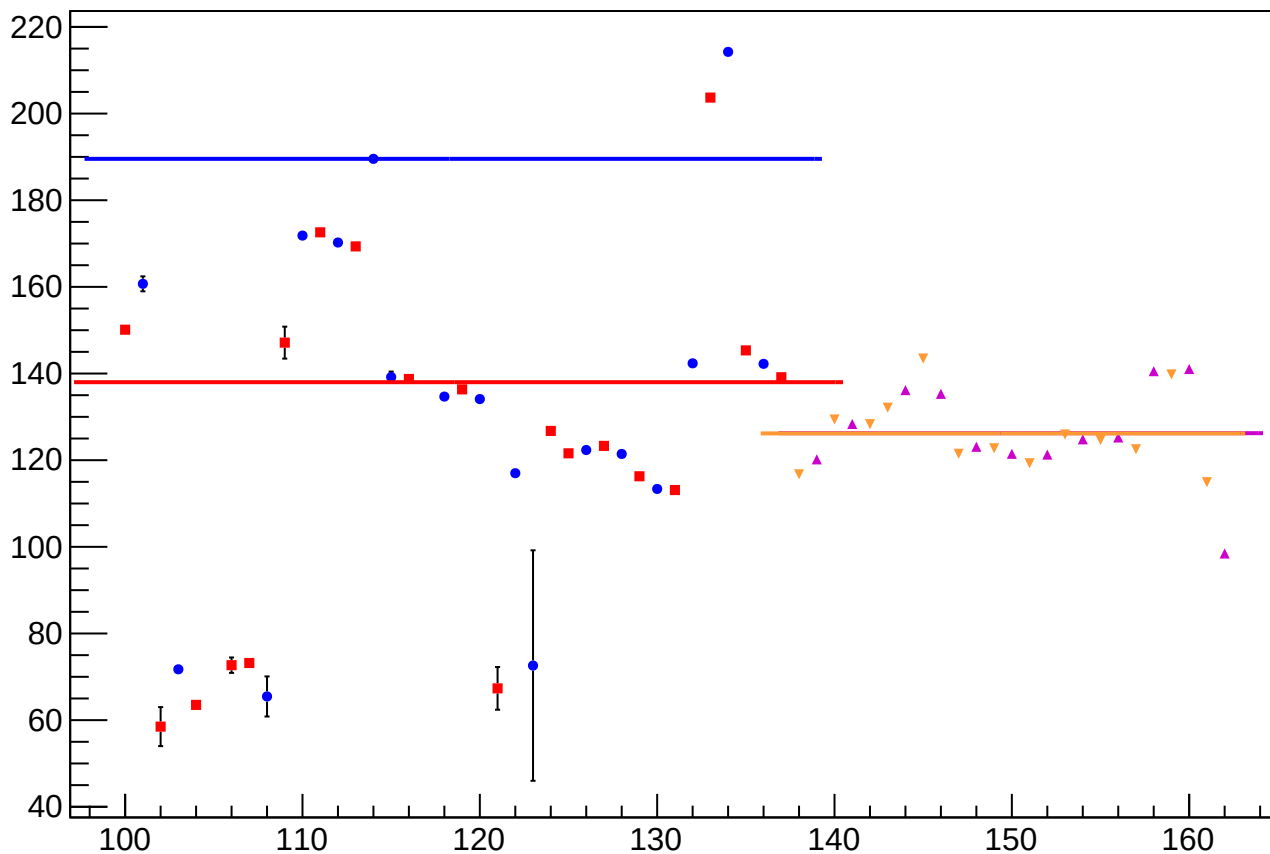
Right: -6.288+/-0.000 χ^2/NDF : 2878797679293380

In: -78.728+/-0.000 χ^2/NDF :8652900.7/28

Out: -5.769+/-0.000 χ^2/NDF :774219.1/31

All: -6.288+/-0.000 χ^2/NDF : 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 927391.8/16$

Left Out: 126.177 ± 0.030 $\chi^2/\text{NDF}: 47316.1/12$

Right Out: 138.002 ± 0.059 $\chi^2/\text{NDF}: 117357.8/18$

Left In: 126.234 ± 0.030 $\chi^2/\text{NDF}: 126312.2/11$

Left: 126.207 ± 0.021 $\chi^2/\text{NDF}: 173630.1/24$

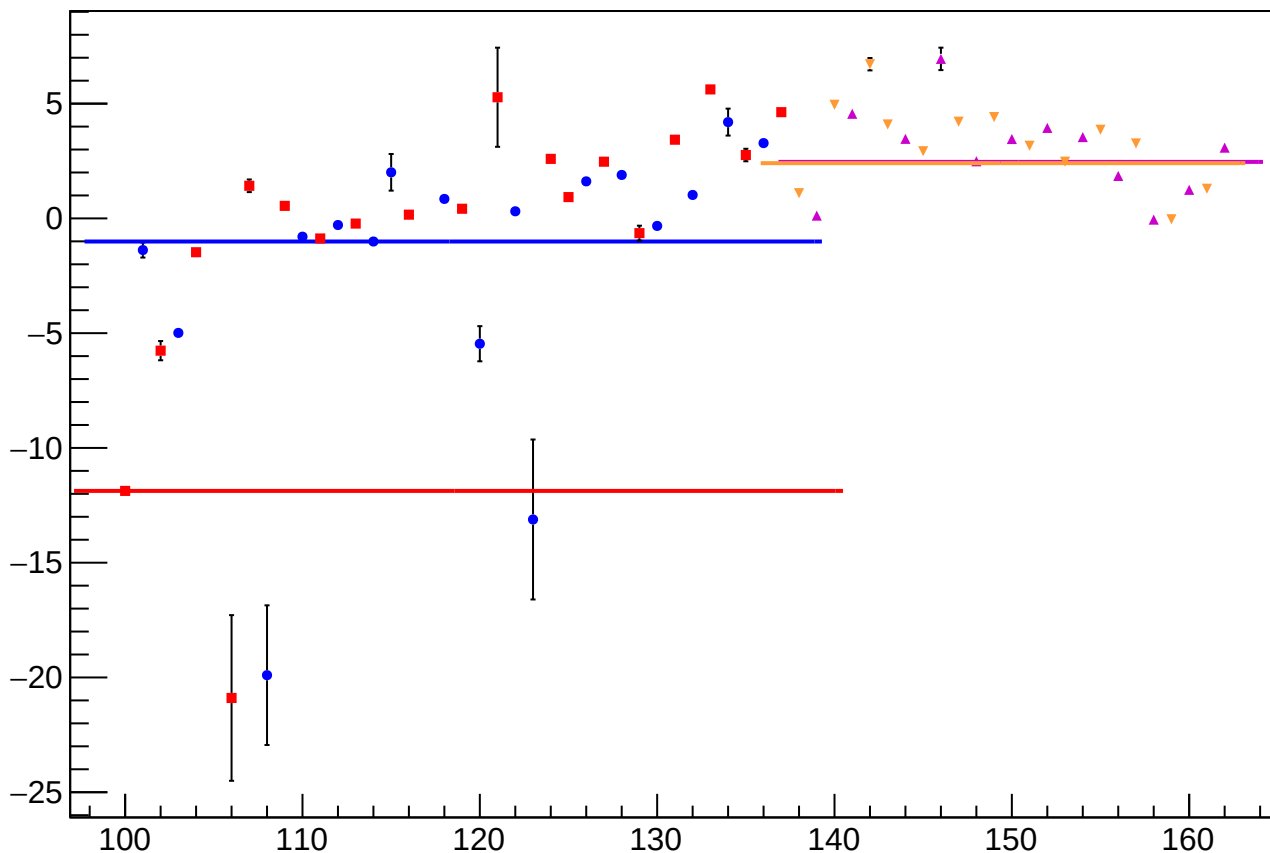
Right: 189.551 ± 0.000 $\chi^2/\text{NDF}: 1806450.5/35$

In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 5657265.2/28$

Out: 128.638 ± 0.027 $\chi^2/\text{NDF}: 196412.6/31$

All: 189.551 ± 0.000 $\chi^2/\text{NDF}: 10965590.2/60$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 2.407 ± 0.027 χ^2/NDF : 4866.6/12

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

Left In: 2.462 ± 0.020 χ^2/NDF : 6168.5/11

Left: 2.443 ± 0.016 χ^2/NDF : 11037.9/24

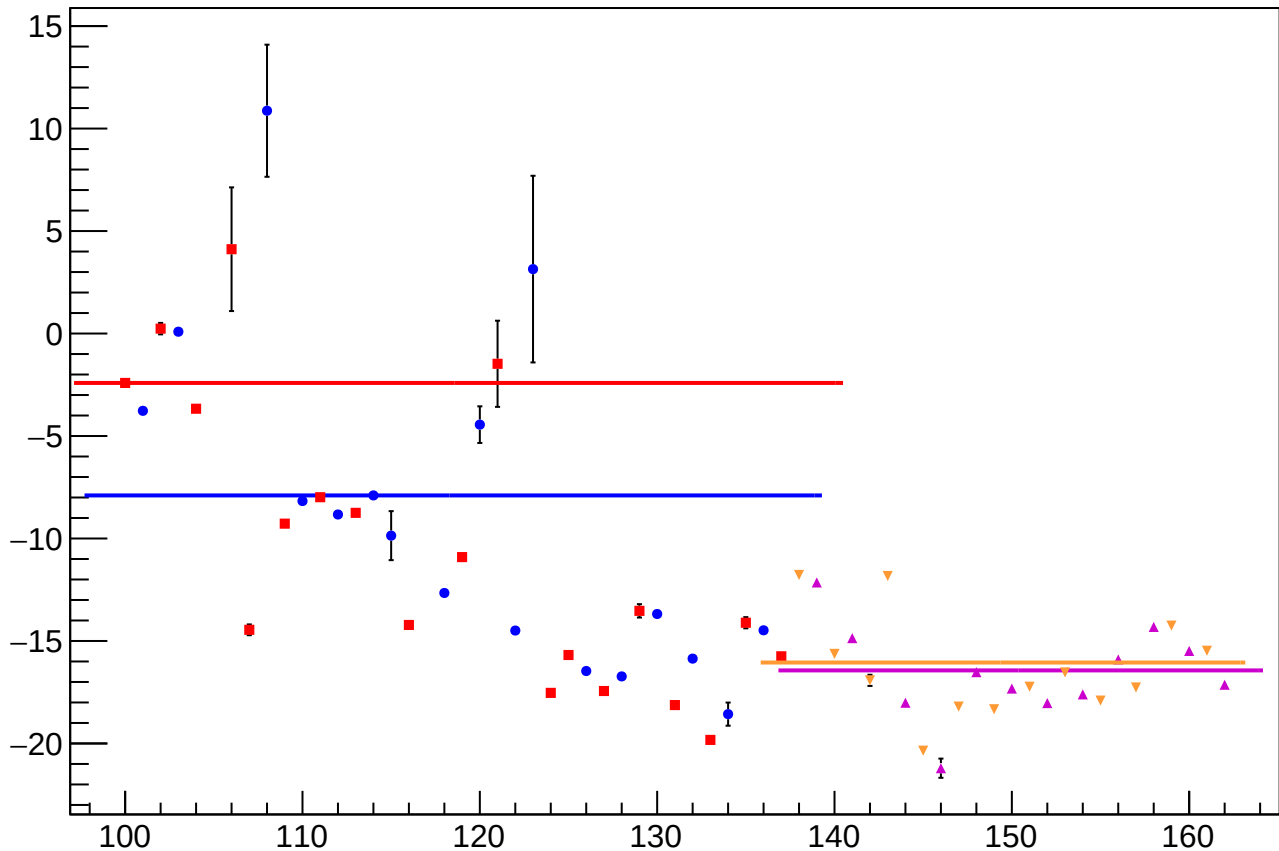
Right: -1.365 ± 0.000 χ^2/NDF : 2170760676638215

In: -1.007 ± 0.000 χ^2/NDF : 44768.7/28

Out: -11.872 ± 0.000 χ^2/NDF : 793009.1/31

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.051 ± 0.027 χ^2/NDF : 6009.9/12

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

Left In: -16.436 ± 0.021 χ^2/NDF : 5098.2/11

Left: -16.292 ± 0.016 χ^2/NDF : 11239.8/24

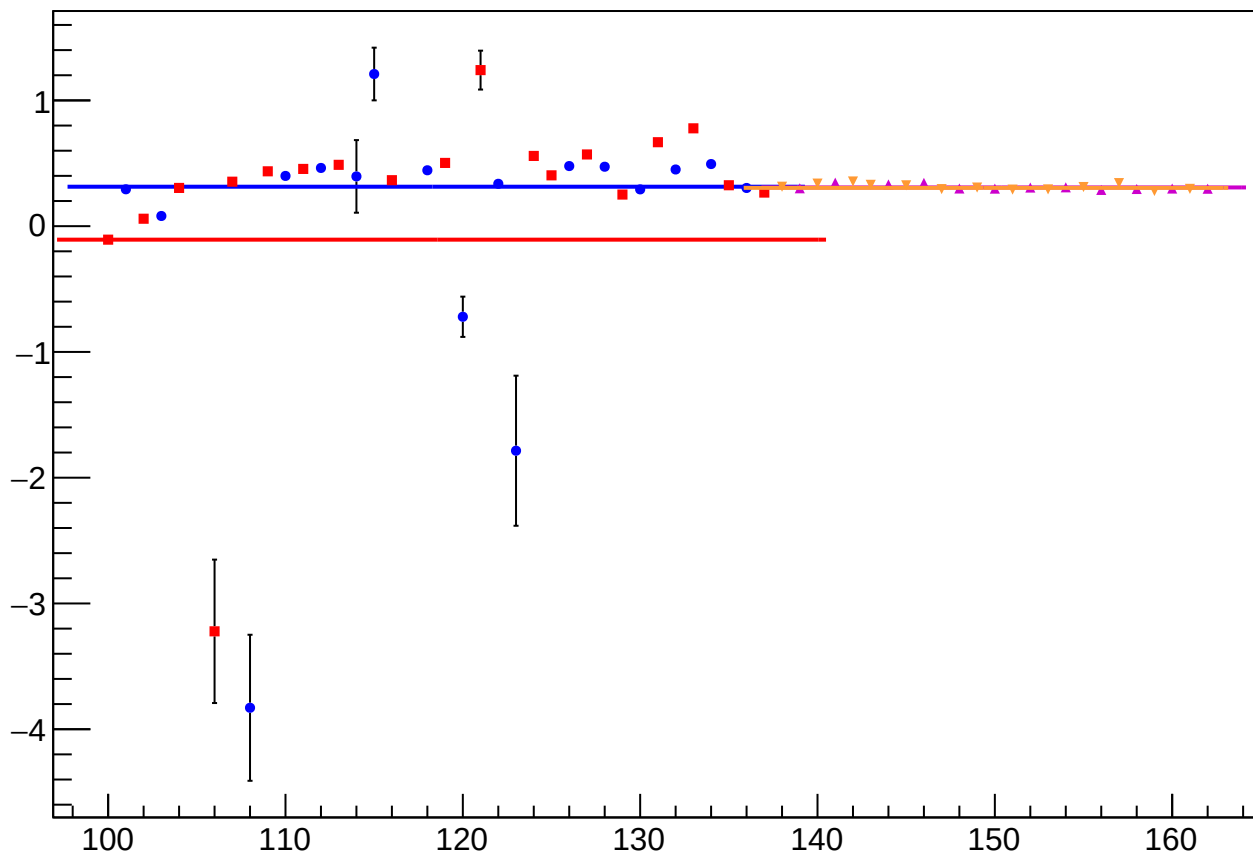
Right: -4.135 ± 0.000 χ^2/NDF : 2879850560728951

In: -7.899 ± 0.000 χ^2/NDF : 217688.6/28

Out: -2.410 ± 0.000 χ^2/NDF : 473259.7/31

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 $\chi^2/\text{NDF}: 2748.0/16$

Left Out: 0.305 ± 0.000 $\chi^2/\text{NDF}: 3080.3/12$

Right Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 219932.8/18$

Left In: 0.308 ± 0.000 $\chi^2/\text{NDF}: 2156.2/11$

Left: 0.306 ± 0.000 $\chi^2/\text{NDF}: 5285.7/24$

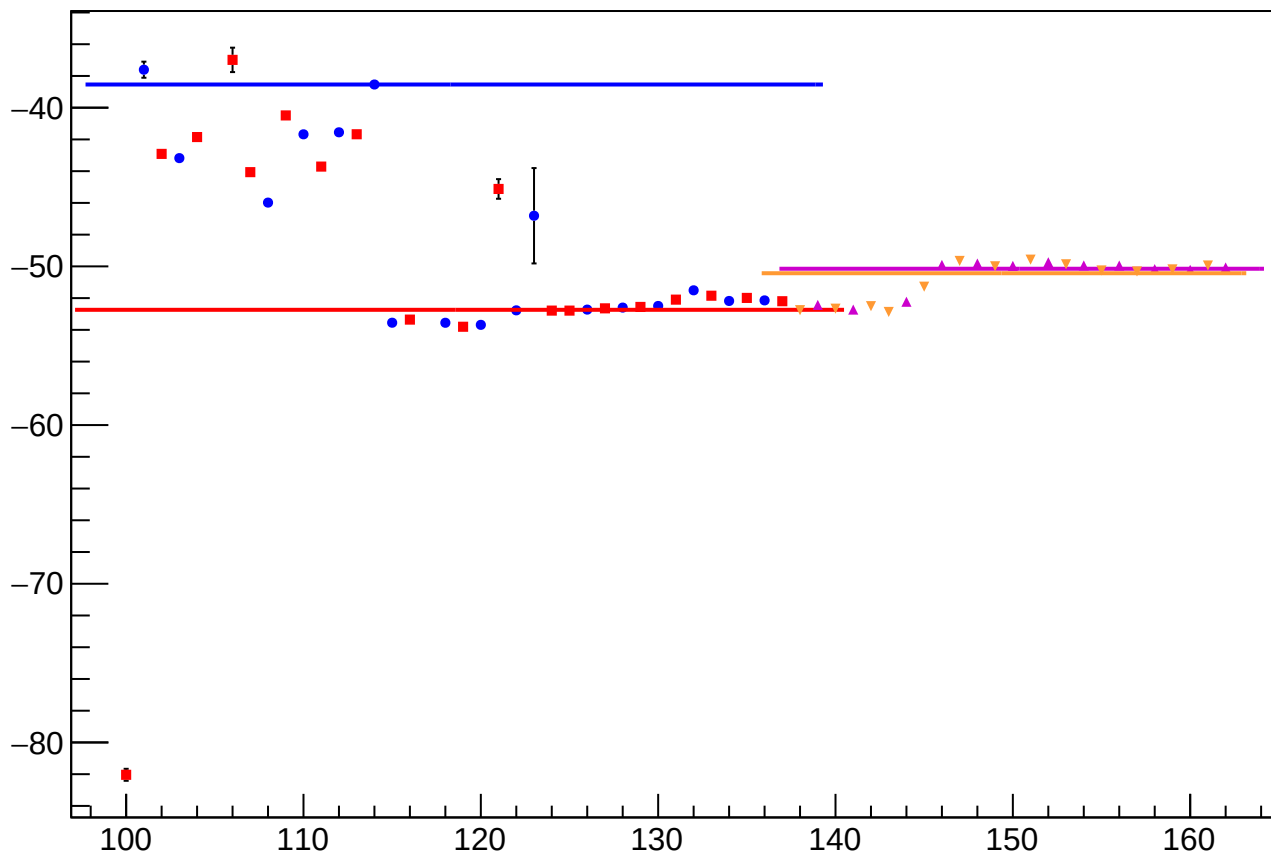
Right: -0.107 ± 0.000 $\chi^2/\text{NDF}: 409026.8/35$

In: 0.308 ± 0.000 $\chi^2/\text{NDF}: 4936.8/28$

Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 1632247.8/31$

All: -0.107 ± 0.000 $\chi^2/\text{NDF}: 3633477.5/60$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -50.432 $\pm$ 0.002 χ^2 /NDF: 238084.5/12

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

Left In: -50.149 $\pm$ 0.002 χ^2 /NDF: 154184.7/11

Left: -50.247 $\pm$ 0.001 χ^2 /NDF: 403706.4/24

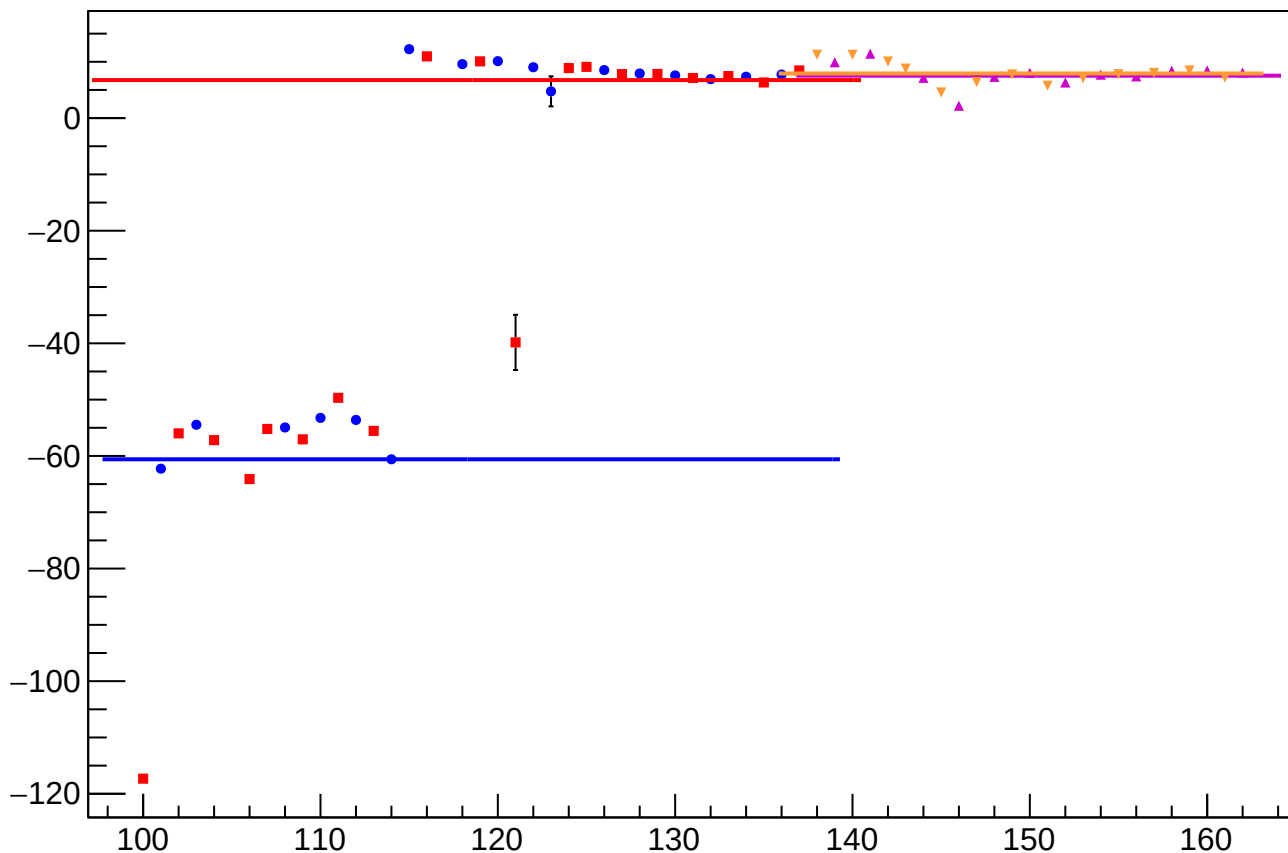
Right: -38.539 $\pm$ 0.000 χ^2 /NDF: 72100834.2/35

In: -38.539 $\pm$ 0.000 χ^2 /NDF: 70694486.9/28

Out: -51.732 $\pm$ 0.001 χ^2 /NDF: 981064.5/31

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 159034554.8/6

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594 $\pm$ 0.000 χ^2 /NDF: 26122838.1/16

Left Out: 7.928 $\pm$ 0.005 χ^2 /NDF: 74665.4/12

Right Out: 6.748 $\pm$ 0.011 χ^2 /NDF: 1266598.3/18

Left In: 7.533 $\pm$ 0.004 χ^2 /NDF: 114713.7/11

Left: 7.687 $\pm$ 0.003 χ^2 /NDF: 193817.4/24

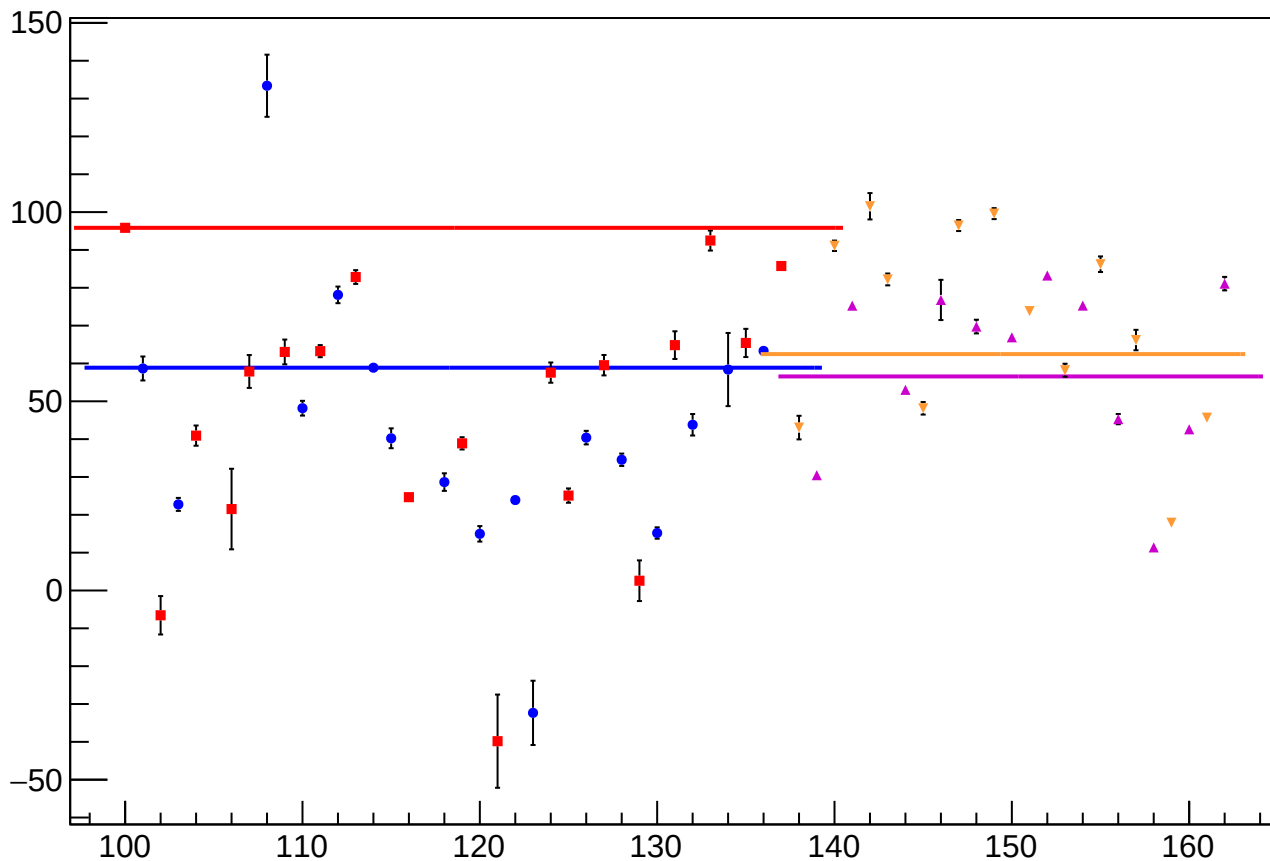
Right: -60.594 $\pm$ 0.000 χ^2 /NDF: 64778482.9/35

In: -60.594 $\pm$ 0.000 χ^2 /NDF: 364520846.2/28

Out: 7.750 $\pm$ 0.004 χ^2 /NDF: 1351008.9/31

All: -60.594 $\pm$ 0.000 χ^2 /NDF: 621394334.9/6

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 62.474 $\pm$ 0.423 χ^2 /NDF: 4865.0/12

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

Left In: 56.570 $\pm$ 0.321 χ^2 /NDF: 4768.9/11

Left: 58.724 $\pm$ 0.255 χ^2 /NDF: 9757.7/24

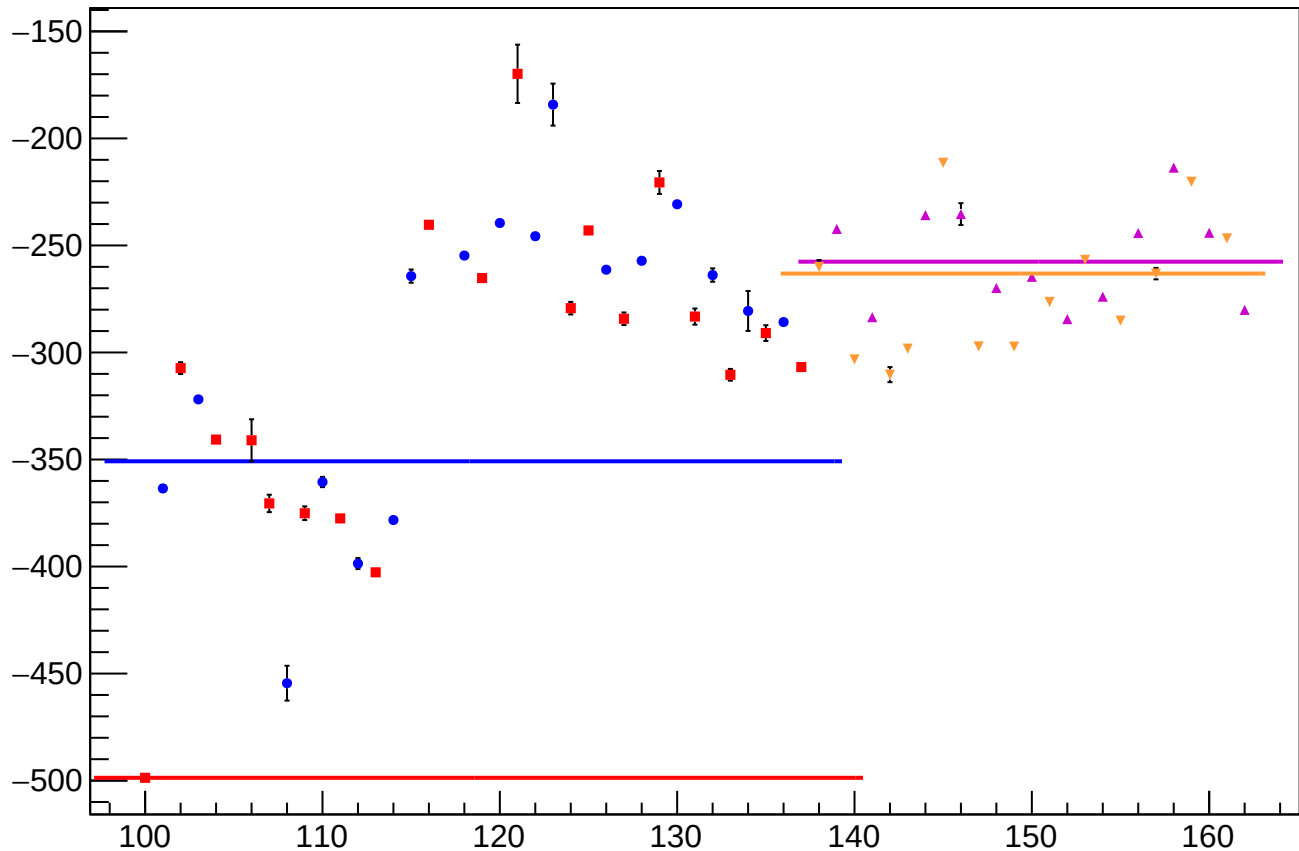
Right: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666380

In: 58.880 $\pm$ 0.000 χ^2 /NDF: 8635.5/28

Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 50475.4/31

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 9815233945666380

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833 ± 0.245 χ^2/NDF : 41301.1/16

Left Out: -263.140 ± 0.417 χ^2/NDF : 6471.6/12

Right Out: -498.692 ± 0.000 χ^2/NDF : 511870.8/18

Left In: -257.588 ± 0.324 χ^2/NDF : 4338.7/11

Left: -259.679 ± 0.256 χ^2/NDF : 10920.8/24

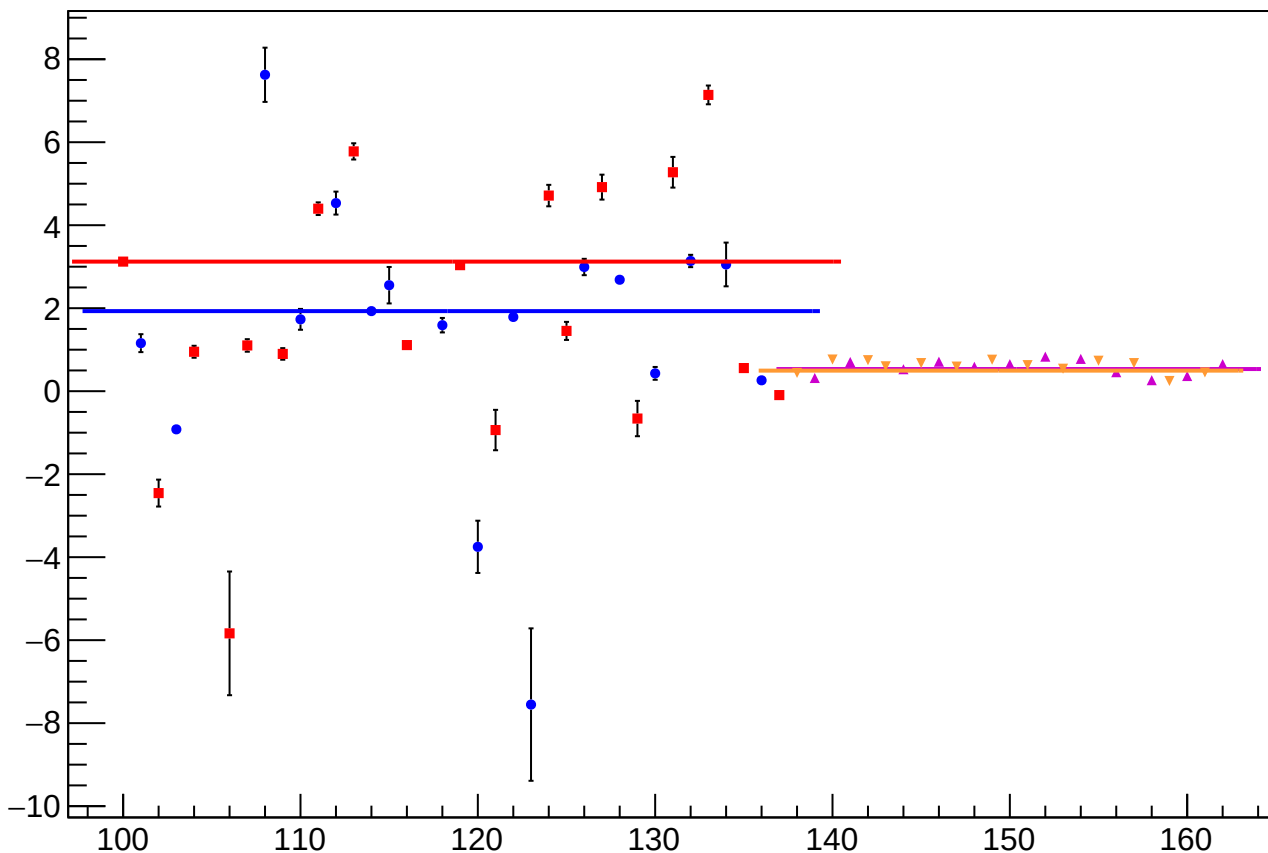
Right: -498.692 ± 0.000 χ^2/NDF : 918780.8/35

In: -317.012 ± 0.195 χ^2/NDF : 98378.5/28

Out: -498.692 ± 0.000 χ^2/NDF : 837404.2/31

All: -498.692 ± 0.000 χ^2/NDF : 1801946.4/60

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 ± 0.000 $\chi^2/\text{NDF}: 59970.9/16$

Left Out: 0.496 ± 0.002 $\chi^2/\text{NDF}: 7239.0/12$

Right Out: 3.123 ± 0.000 $\chi^2/\text{NDF}: 512565.5/18$

Left In: 0.534 ± 0.002 $\chi^2/\text{NDF}: 11639.1/11$

Left: 0.518 ± 0.002 $\chi^2/\text{NDF}: 19025.0/24$

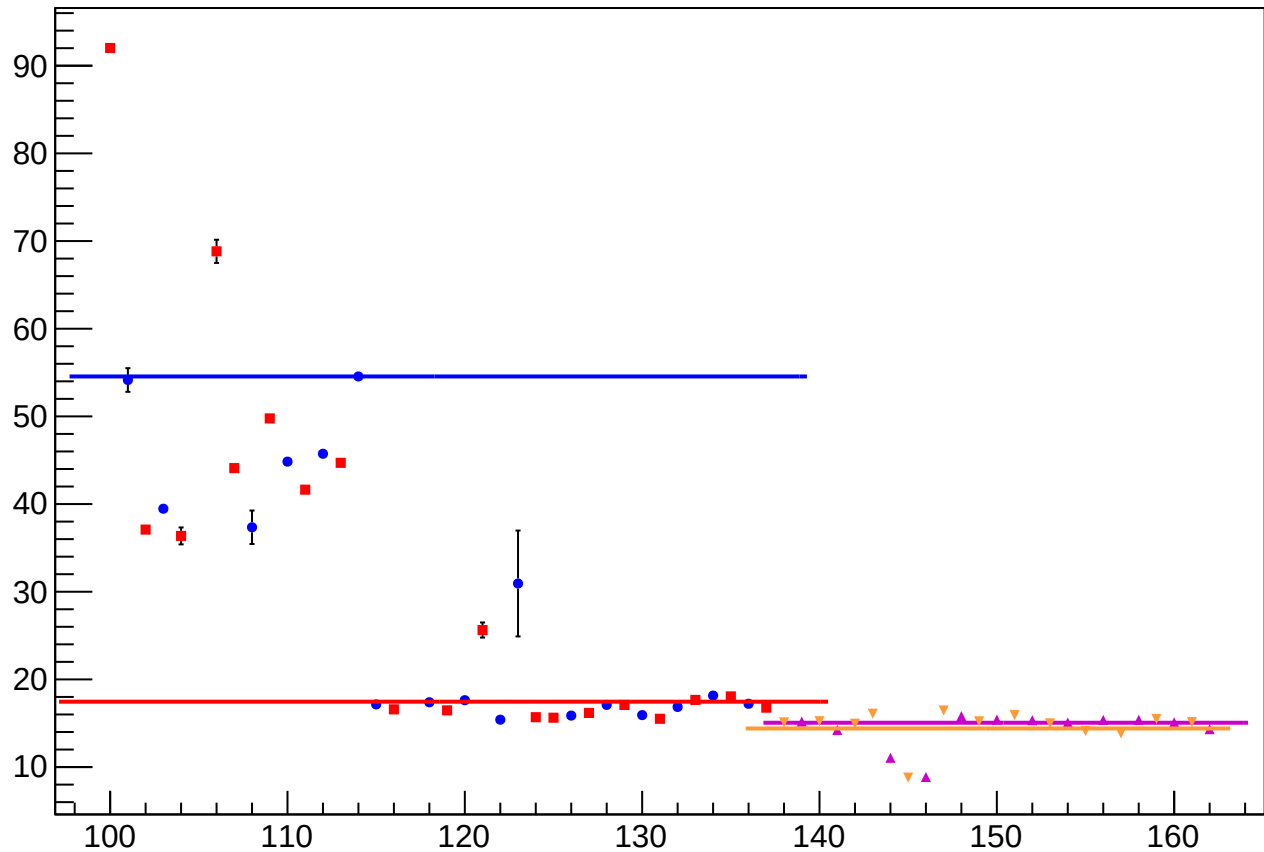
Right: 2.073 ± 0.000 $\chi^2/\text{NDF}: 38099534578085305$

In: 1.930 ± 0.000 $\chi^2/\text{NDF}: 547805.5/28$

Out: 3.123 ± 0.000 $\chi^2/\text{NDF}: 1693134.0/31$

All: 2.073 ± 0.000 $\chi^2/\text{NDF}: 38099534578085$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 14.403+/-0.008 χ^2/NDF : 82103.7/12

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

Left In: 15.057+/-0.008 χ^2/NDF : 8298.7/11

Left: 14.738+/-0.006 χ^2/NDF : 93519.2/24

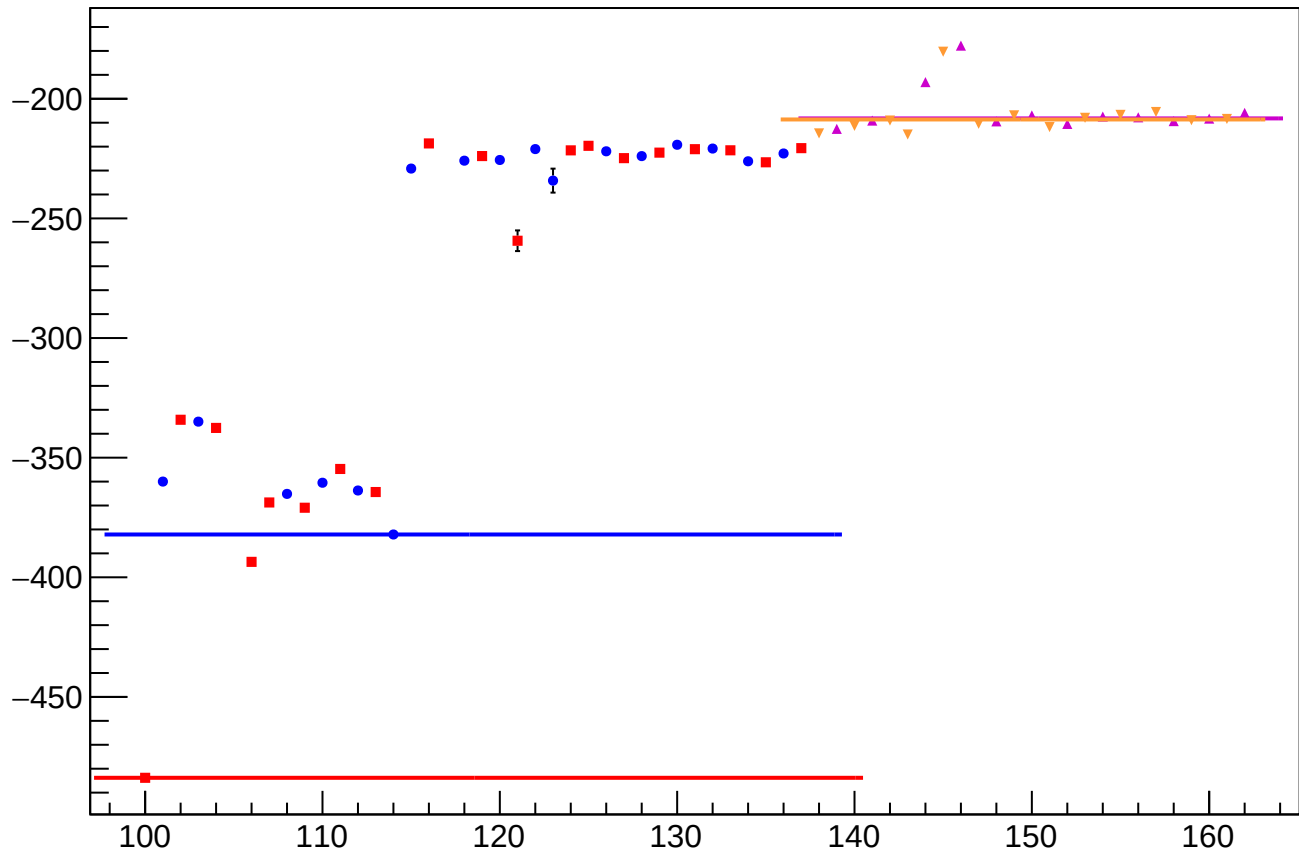
Right: 54.556+/-0.000 χ^2/NDF : 11453944.4/35

In: 54.556+/-0.000 χ^2/NDF : 30575021.6/28

Out: 14.934+/-0.008 χ^2/NDF : 204481.8/31

All: 54.556+/-0.000 χ^2/NDF : 57763656.6/60

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -208.648+/-0.019 χ^2/NDF : 59951.7/12

Right Out: -483.800+/-0.000 χ^2/NDF : 24338683.6/18

Left In: -208.204+/-0.018 χ^2/NDF : 15260.2/11

Left: -208.415+/-0.013 χ^2/NDF : 75503.5/24

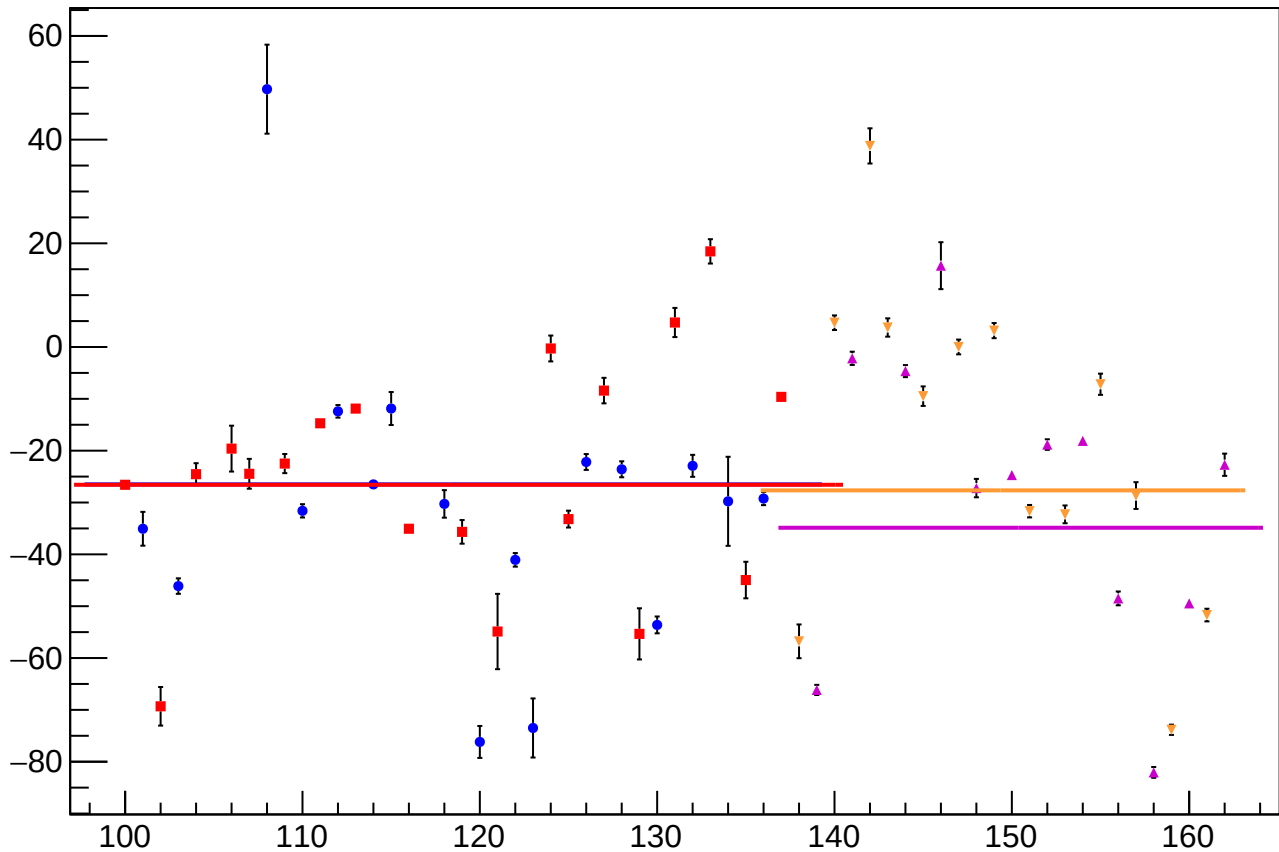
Right: -417.999+/-0.000 χ^2/NDF : 12425488813367

In: -382.108+/-0.000 χ^2/NDF : 112592044.8/28

Out: -483.800+/-0.000 χ^2/NDF : 237853955.7/31

All: -417.999+/-0.000 χ^2/NDF : 12425488813

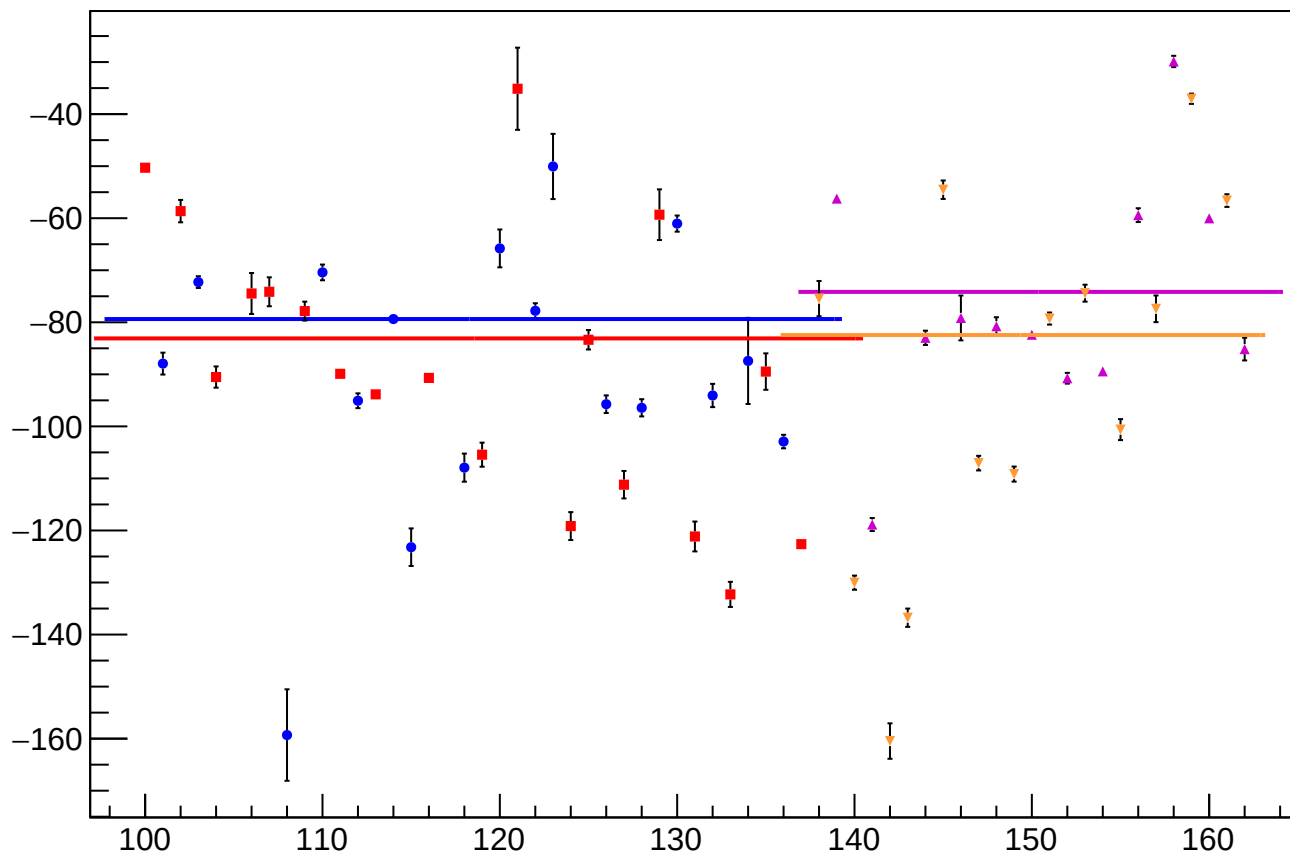
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 $\pm$ 0.000 χ^2/NDF : 1180.7/16
 Left Out: -27.656 $\pm$ 0.432 χ^2/NDF : 4891.9/12
 Right Out: -26.577 $\pm$ 0.000 χ^2/NDF : 2640.9/18
 Left In: -34.869 $\pm$ 0.327 χ^2/NDF : 5648.8/11

Left: -32.241 $\pm$ 0.261 χ^2/NDF : 10717.8/24
 Right: -26.530 $\pm$ 0.000 χ^2/NDF : 412159279654659
 In: -26.504 $\pm$ 0.000 χ^2/NDF : 7483.3/28
 Out: -26.577 $\pm$ 0.000 χ^2/NDF : 7539.0/31
 All: -26.530 $\pm$ 0.000 χ^2/NDF : 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -82.447 ± 0.424 $\chi^2/\text{NDF}: 6284.3/12$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

Left In: -74.158 ± 0.324 $\chi^2/\text{NDF}: 4439.0/11$

Left: -77.208 ± 0.257 $\chi^2/\text{NDF}: 10964.6/24$

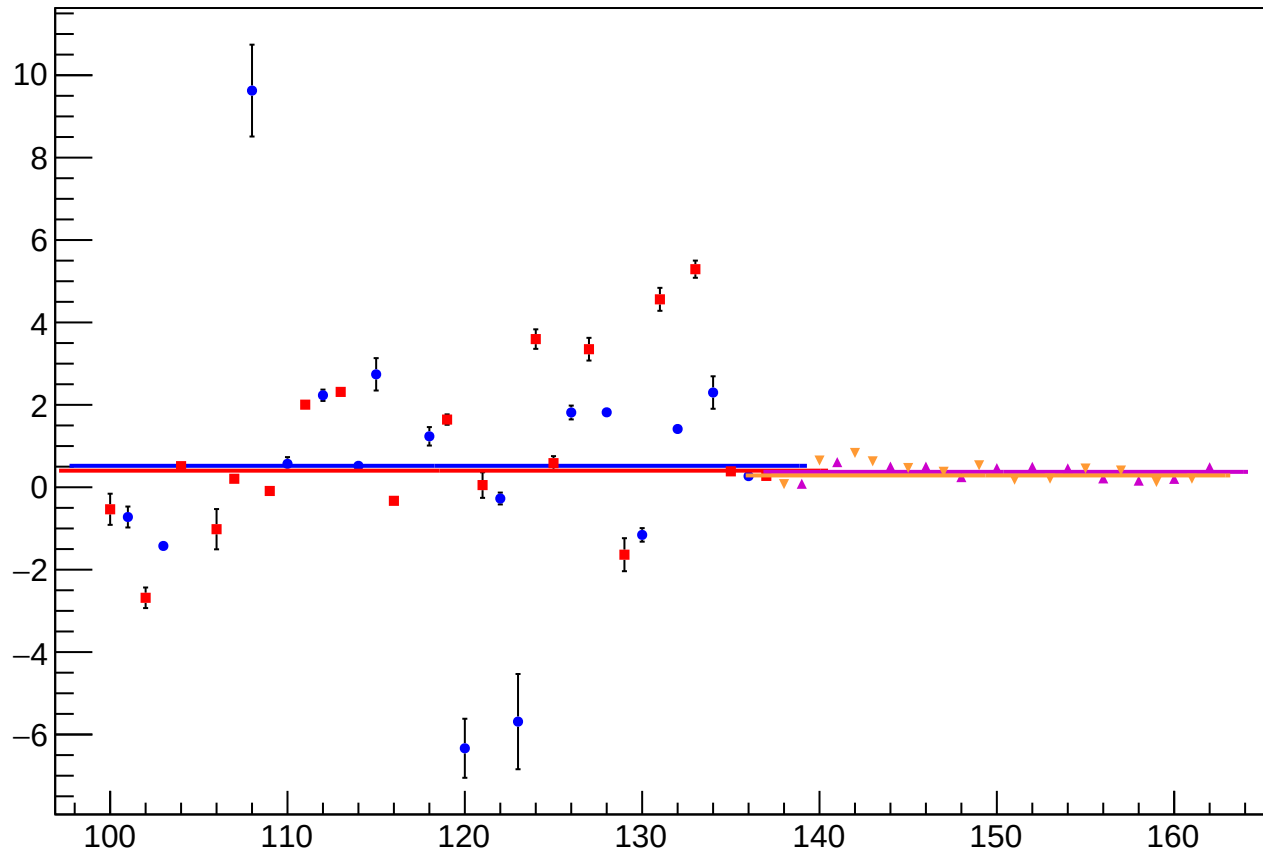
Right: -79.376 ± 0.000 $\chi^2/\text{NDF}: 13657.0/35$

In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 6003.5/28$

Out: -83.001 ± 0.164 $\chi^2/\text{NDF}: 18202.2/31$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 24692.6/60$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521 ± 0.000 χ^2/NDF : 3370.8/16

Left Out: 0.287 ± 0.003 χ^2/NDF : 5719.5/12

Right Out: 0.403 ± 0.011 χ^2/NDF : 2727.5/18

Left In: 0.374 ± 0.002 χ^2/NDF : 8470.8/11

Left: 0.341 ± 0.002 χ^2/NDF : 14910.6/24

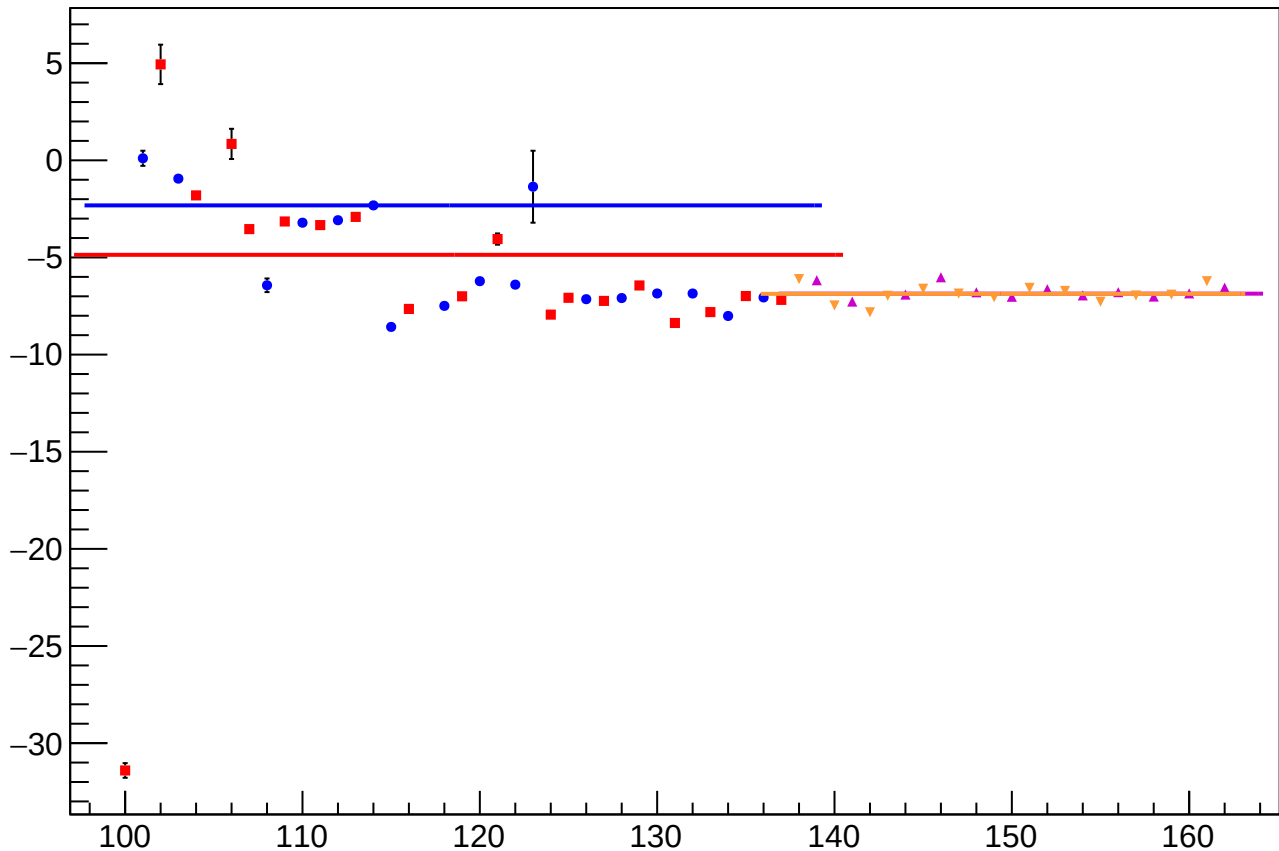
Right: 0.521 ± 0.000 χ^2/NDF : 6215.1/35

In: 0.521 ± 0.000 χ^2/NDF : 17217.6/28

Out: 0.293 ± 0.002 χ^2/NDF : 8555.4/31

All: 0.521 ± 0.000 χ^2/NDF : 34240.6/60

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -6.873 ± 0.003 $\chi^2/\text{NDF}: 3505.2/12$

Right Out: -4.864 ± 0.010 $\chi^2/\text{NDF}: 49380.5/18$

Left In: -6.863 ± 0.003 $\chi^2/\text{NDF}: 5172.0/11$

Left: -6.868 ± 0.002 $\chi^2/\text{NDF}: 8682.4/24$

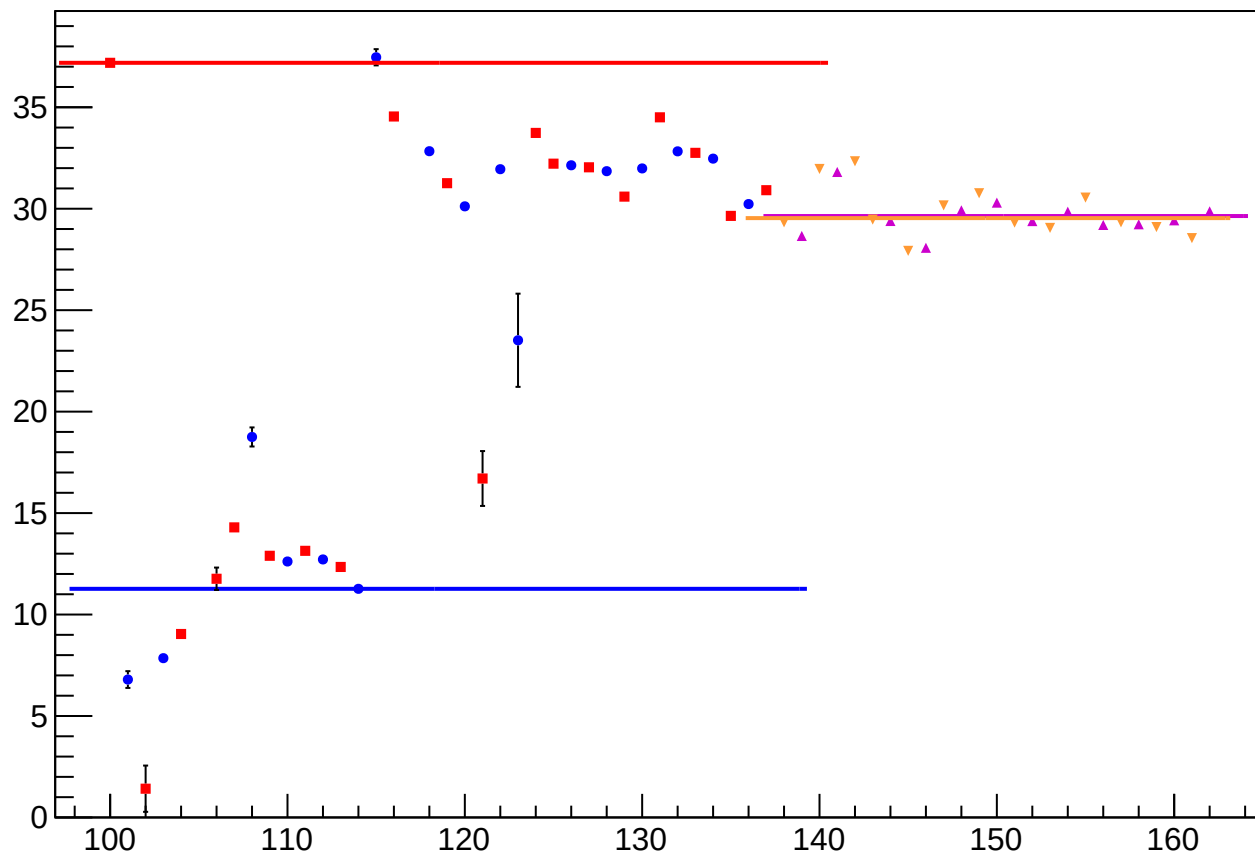
Right: -2.320 ± 0.000 $\chi^2/\text{NDF}: 381161.7/35$

In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 2567837.3/28$

Out: -6.693 ± 0.003 $\chi^2/\text{NDF}: 87478.1/31$

All: -2.320 ± 0.000 $\chi^2/\text{NDF}: 4661657.1/60$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2/NDF : 958029.3/16

Left Out: 29.537 $\pm$ 0.012 χ^2/NDF : 6396.8/12

Right Out: 37.191 $\pm$ 0.000 χ^2/NDF : 1121929.1/18

Left In: 29.640 $\pm$ 0.010 χ^2/NDF : 3144.9/11

Left: 29.598 $\pm$ 0.008 χ^2/NDF : 9582.3/24

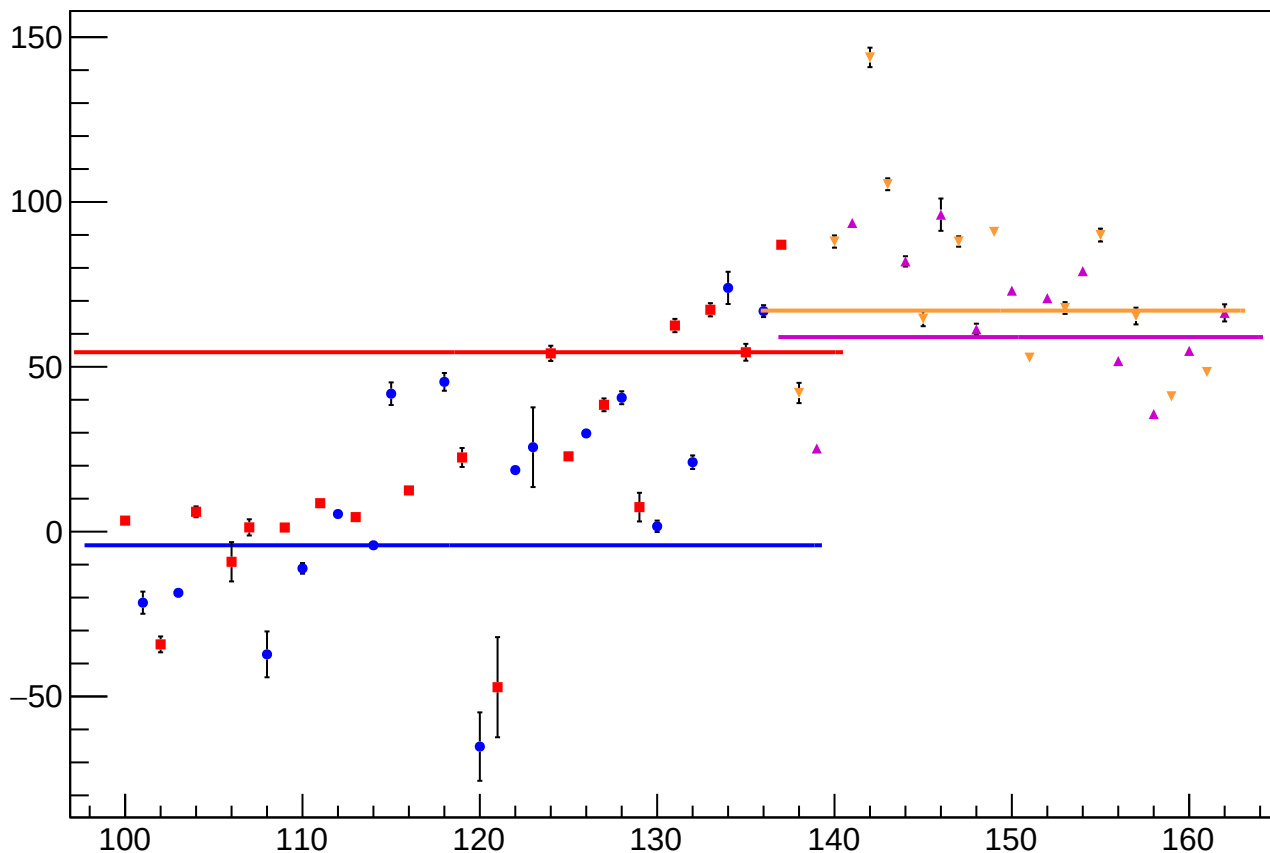
Right: 12.122 $\pm$ 0.000 χ^2/NDF : 7723055694978834

In: 11.268 $\pm$ 0.000 χ^2/NDF : 4194078.4/28

Out: 37.191 $\pm$ 0.000 χ^2/NDF : 1506515.9/31

All: 12.122 $\pm$ 0.000 χ^2/NDF : 7723055694978834

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 67.052 ± 0.444 χ^2/NDF : 2988.7/12

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

Left In: 59.018 ± 0.325 χ^2/NDF : 4425.3/11

Left: 61.822 ± 0.263 χ^2/NDF : 7626.7/24

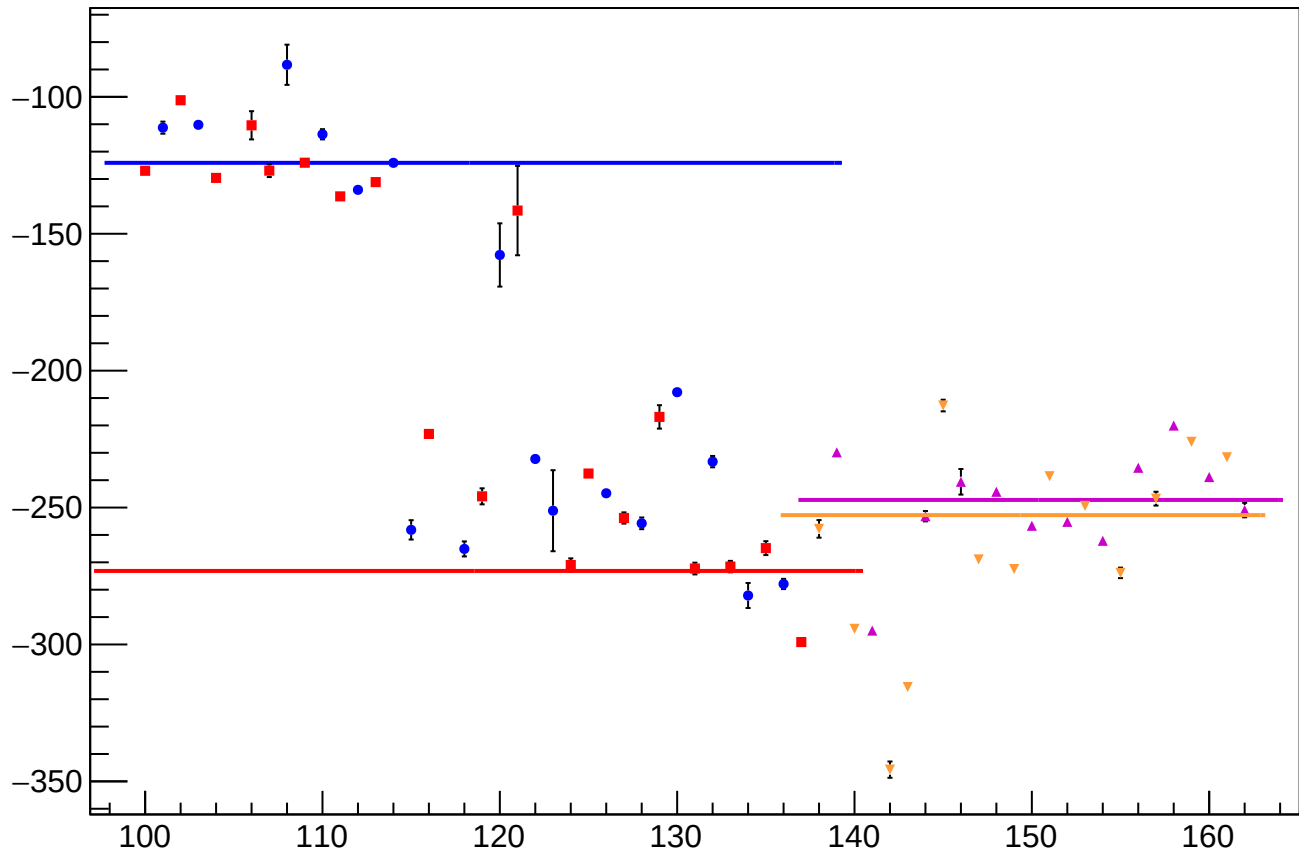
Right: -4.139 ± 0.000 χ^2/NDF : 177029.3/35

In: -4.139 ± 0.000 χ^2/NDF : 46751.6/28

Out: 56.042 ± 0.159 χ^2/NDF : 57691.2/31

All: -4.139 ± 0.000 χ^2/NDF : 247776.1/60

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 38152.5/16$

Left Out: -252.764 ± 0.437 $\chi^2/\text{NDF}: 4695.2/12$

Right Out: -273.143 ± 0.113 $\chi^2/\text{NDF}: 280141.9/18$

Left In: -247.216 ± 0.320 $\chi^2/\text{NDF}: 3221.7/11$

Left: -249.147 ± 0.258 $\chi^2/\text{NDF}: 8021.7/24$

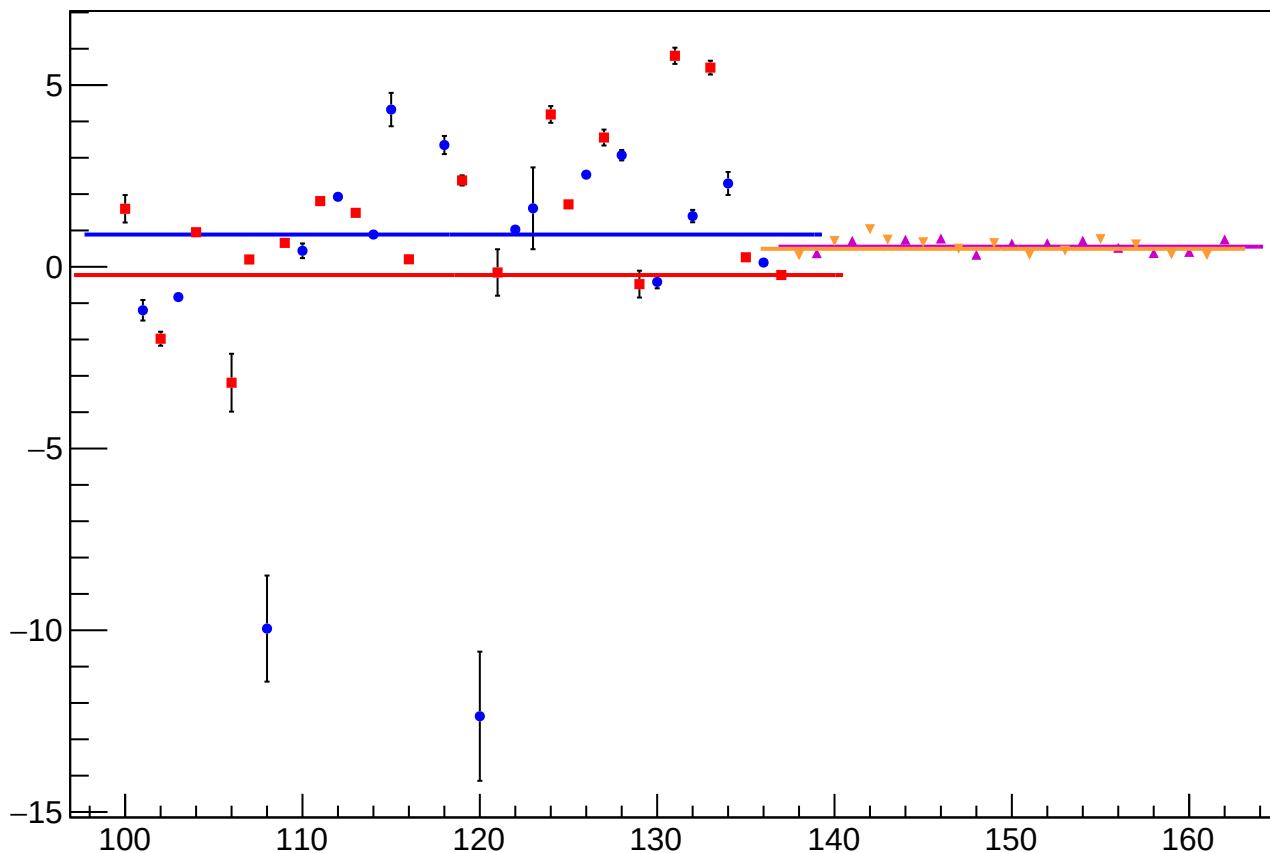
Right: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2066776.4/35$

In: -124.095 ± 0.000 $\chi^2/\text{NDF}: 189766.8/28$

Out: -271.874 ± 0.109 $\chi^2/\text{NDF}: 286872.4/31$

All: -124.095 ± 0.000 $\chi^2/\text{NDF}: 2309606.1/60$

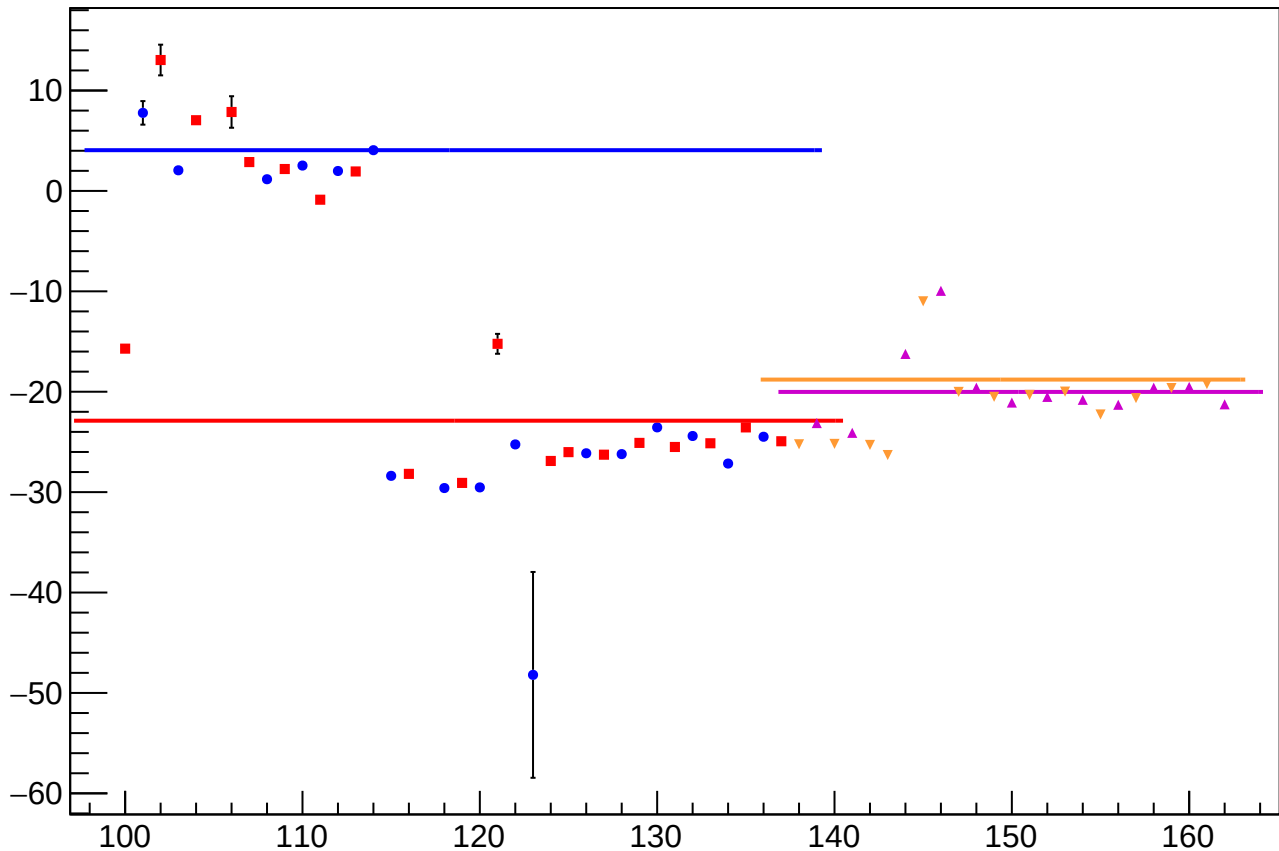
dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16
 Left Out: 0.495 $\pm$ 0.003 χ^2 /NDF:3550.5/12
 Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5031.1/18
 Left In: 0.555 $\pm$ 0.003 χ^2 /NDF:3722.2/11

Left: 0.531 $\pm$ 0.002 χ^2 /NDF: 7494.9/24
 Right: 0.888 $\pm$ 0.000 χ^2 /NDF: 422220530.0/35
 In: 0.888 $\pm$ 0.000 χ^2 /NDF:30017.5/28
 Out: -0.226 $\pm$ 0.000 χ^2 /NDF:63246.7/31
 All: 0.888 $\pm$ 0.000 χ^2 /NDF: 422261591.1/60

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.790 ± 0.015 χ^2/NDF : 77502.7/12

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

Left In: -20.019 ± 0.012 χ^2/NDF : 20366.7/11

Left: -19.526 ± 0.009 χ^2/NDF : 102161.8/24

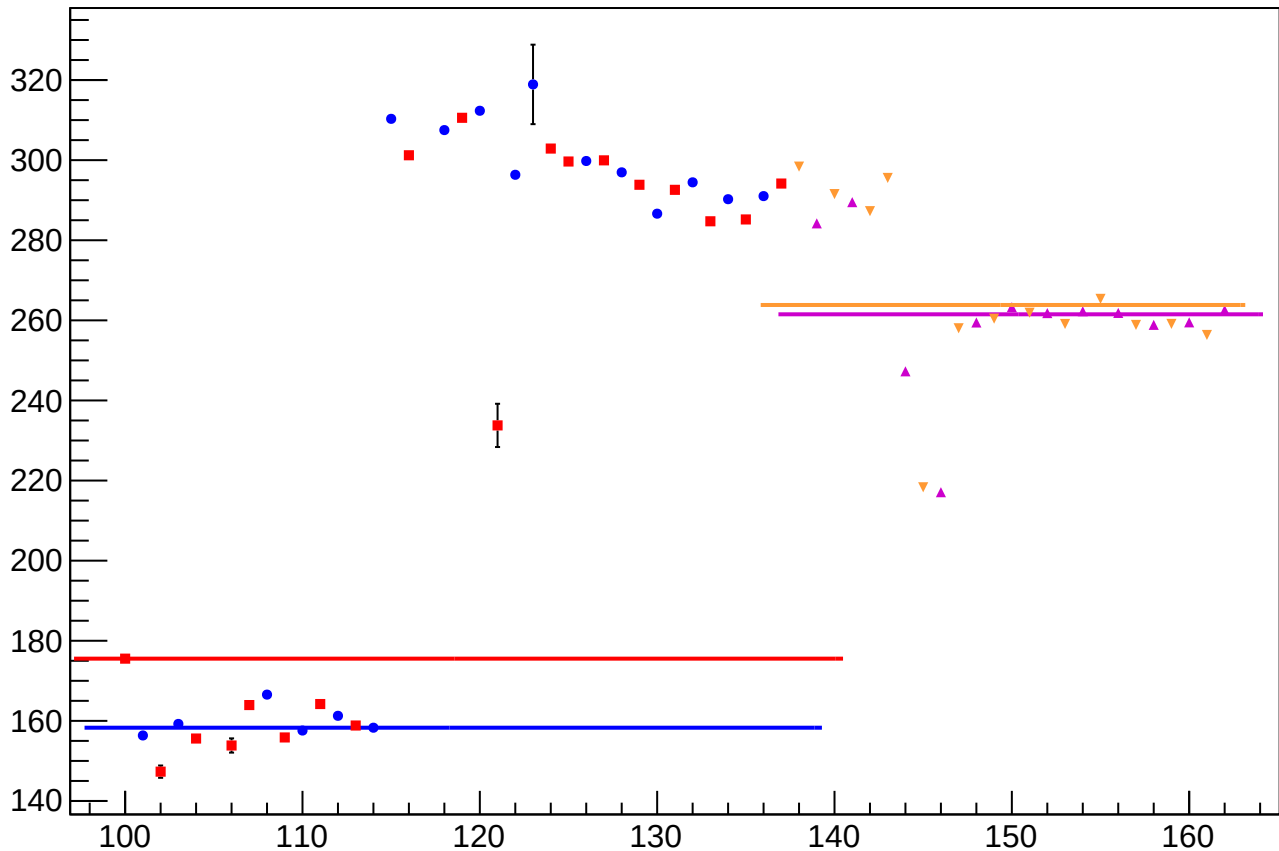
Right: 4.057 ± 0.000 χ^2/NDF : 2412173.4/35

In: 4.057 ± 0.000 χ^2/NDF : 5370651.7/28

Out: -19.745 ± 0.013 χ^2/NDF : 212571.6/31

All: 4.057 ± 0.000 χ^2/NDF : 9090729.0/60

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293 $\pm$ 0.000 χ^2 /NDF: 2410913.3/16

Left Out: 263.841 $\pm$ 0.038 χ^2 /NDF:188728.8/12

Right Out: 175.536 $\pm$ 0.000 χ^2 /NDF: 2100196.2/18

Left In: 261.512 $\pm$ 0.033 χ^2 /NDF:38411.6/11

Left: 262.509 $\pm$ 0.025 χ^2 /NDF: 229242.7/24

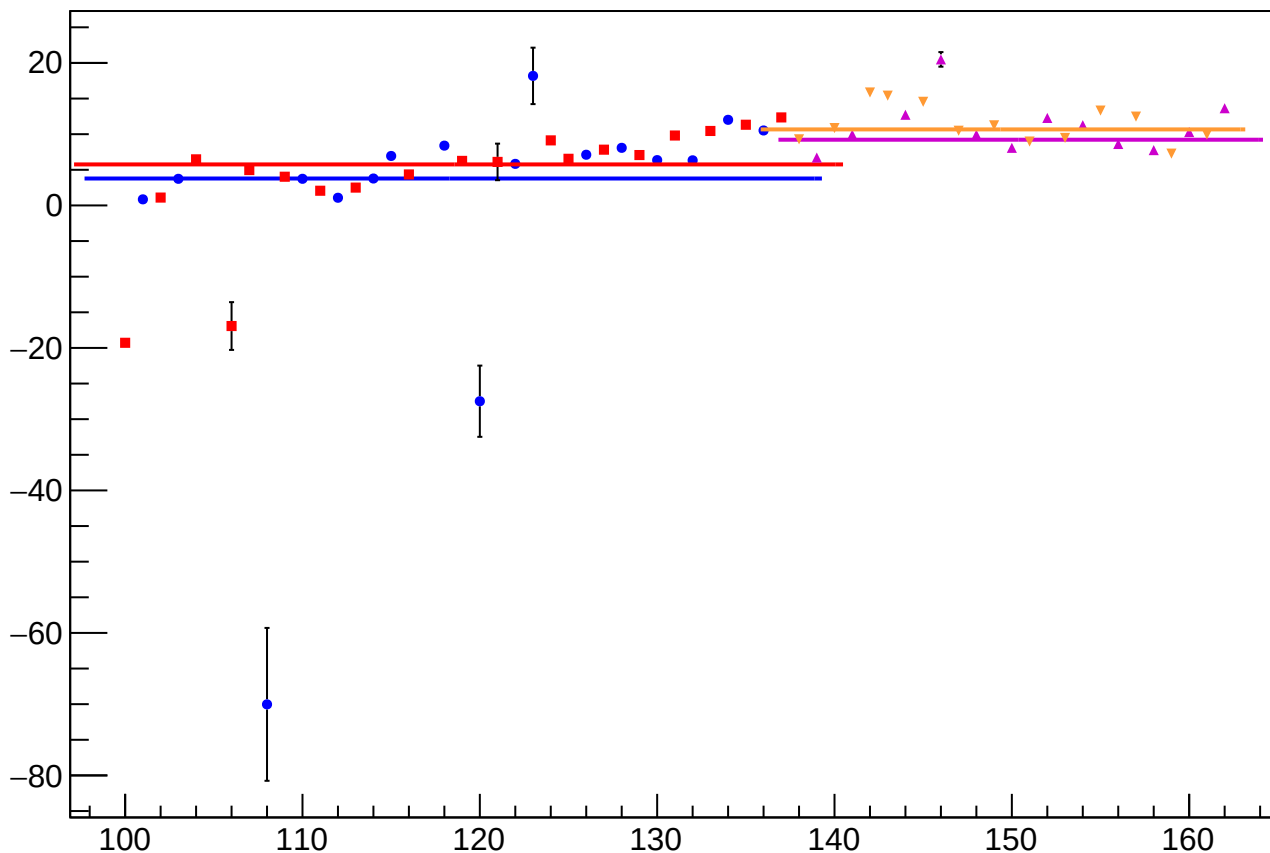
Right: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225928

In: 158.293 $\pm$ 0.000 χ^2 /NDF:12097187.2/28

Out: 175.536 $\pm$ 0.000 χ^2 /NDF:7571803.9/31

All: 172.618 $\pm$ 0.000 χ^2 /NDF: 373727491225

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 10.670 ± 0.037 χ^2/NDF : 2091.8/12

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

Left In: 9.223 ± 0.035 χ^2/NDF : 2887.7/11

Left: 9.890 ± 0.025 χ^2/NDF : 5785.1/24

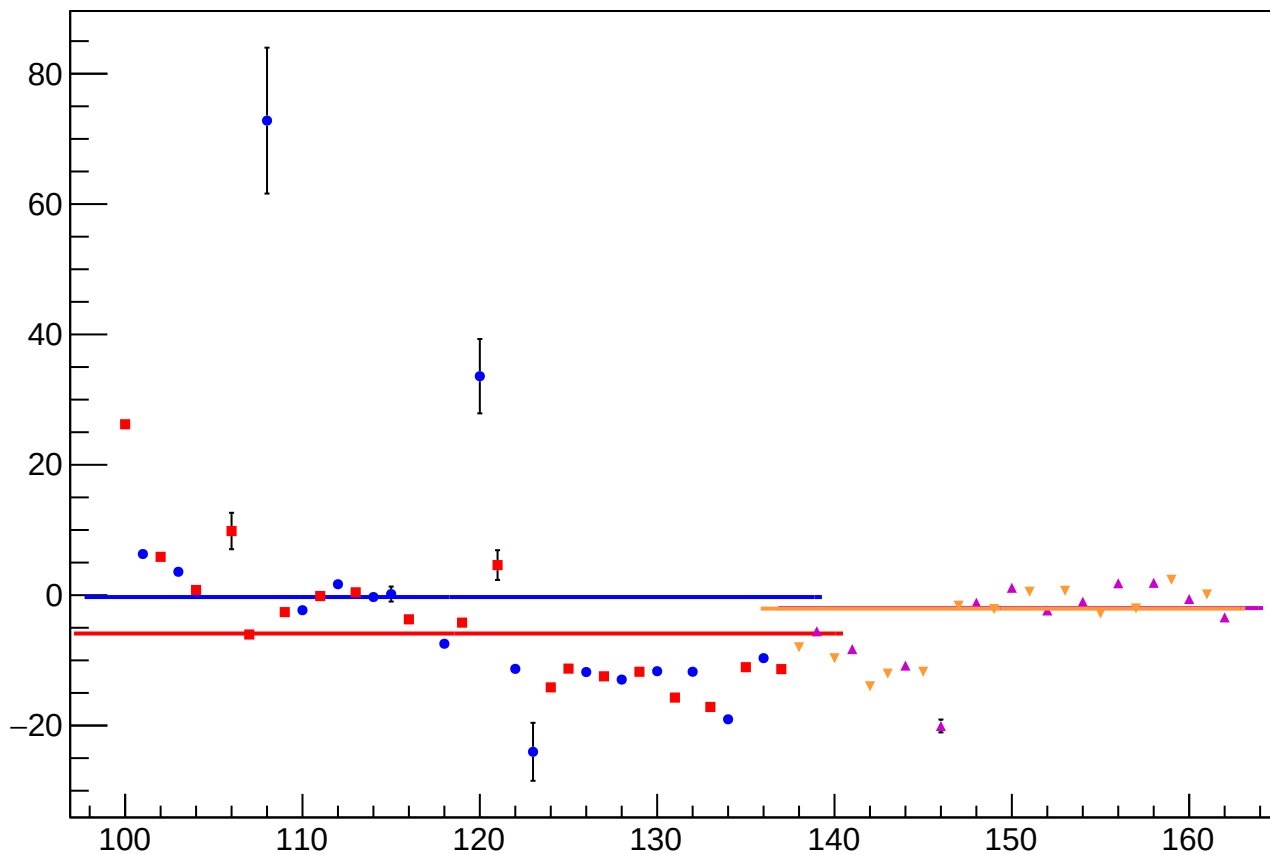
Right: 3.778 ± 0.000 χ^2/NDF : 35056.1/35

In: 3.778 ± 0.000 χ^2/NDF : 34461.9/28

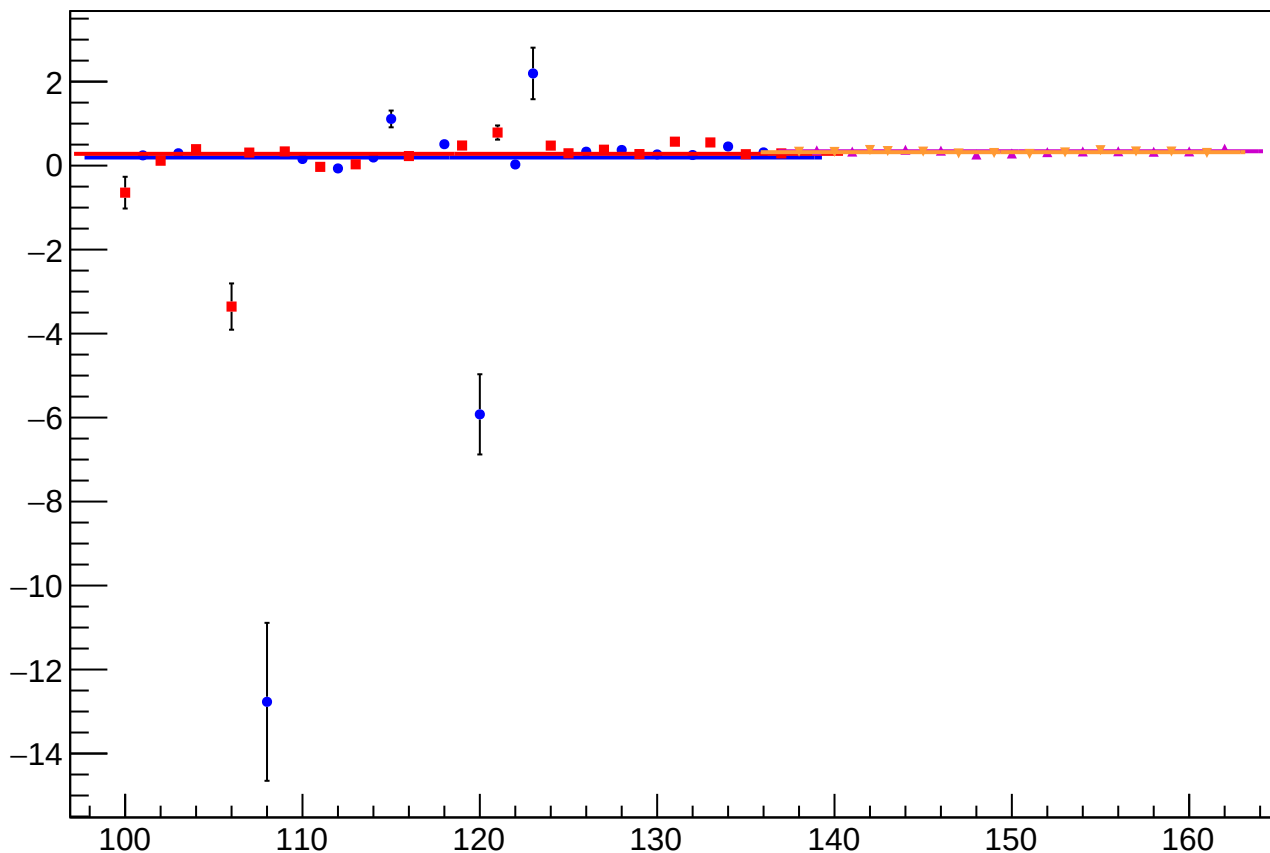
Out: 7.335 ± 0.021 χ^2/NDF : 36082.3/31

All: 3.778 ± 0.000 χ^2/NDF : 98644.6/60

dit_sam5_4eX_slope vs Slug, Sign Corrected



dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF:1270.6/12

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

Left In: 0.342 $\pm$ 0.001 χ^2 /NDF:2916.6/11

Left: 0.331 $\pm$ 0.000 χ^2 /NDF: 4746.7/24

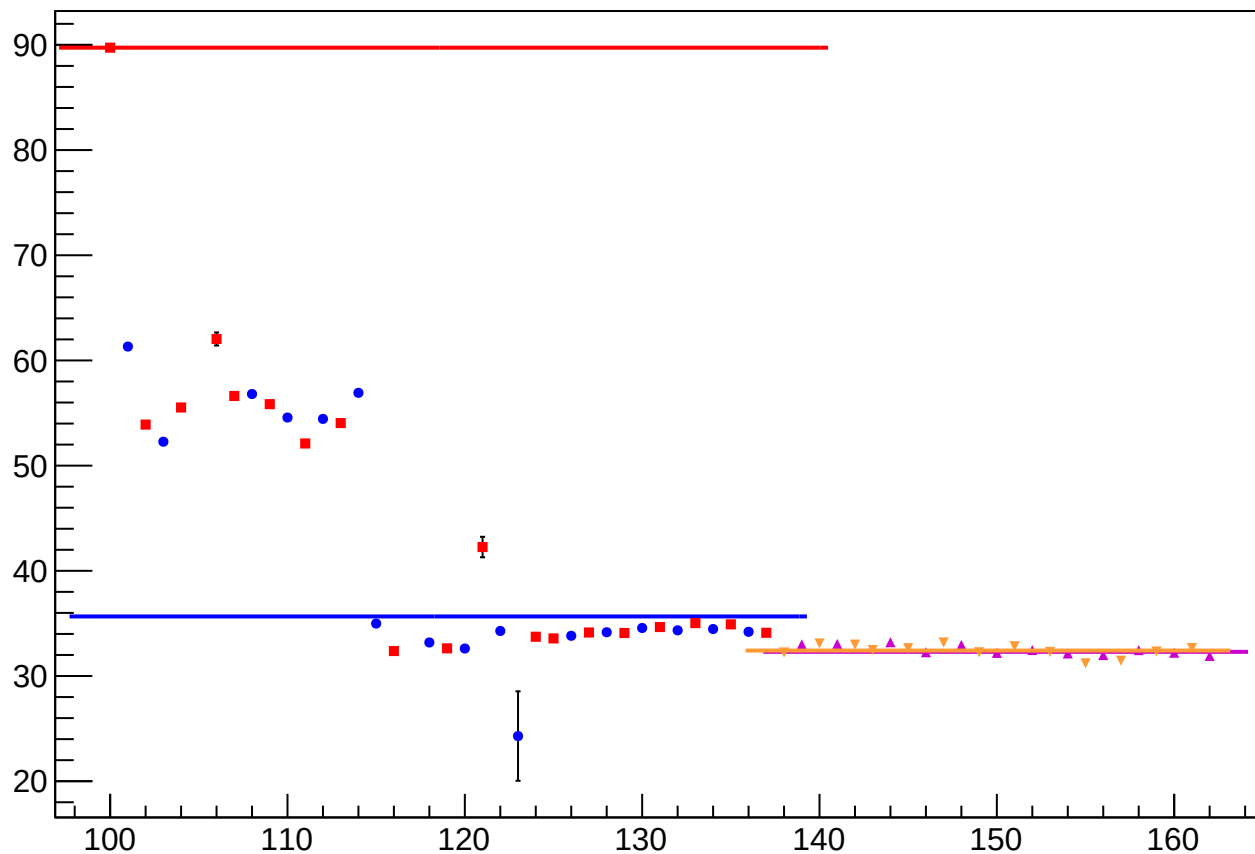
Right: 0.193 $\pm$ 0.000 χ^2 /NDF: 19578.7/35

In: 0.193 $\pm$ 0.000 χ^2 /NDF:63733.9/28

Out: 0.313 $\pm$ 0.001 χ^2 /NDF:7924.9/31

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 112288.6/60

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 ± 0.011 $\chi^2/\text{NDF}: 218662.5/16$

Left Out: 32.420 ± 0.005 $\chi^2/\text{NDF}: 3175.3/12$

Right Out: 89.735 ± 0.000 $\chi^2/\text{NDF}: 25801560.6/18$

Left In: 32.298 ± 0.004 $\chi^2/\text{NDF}: 5815.7/11$

Left: 32.350 ± 0.003 $\chi^2/\text{NDF}: 9383.7/24$

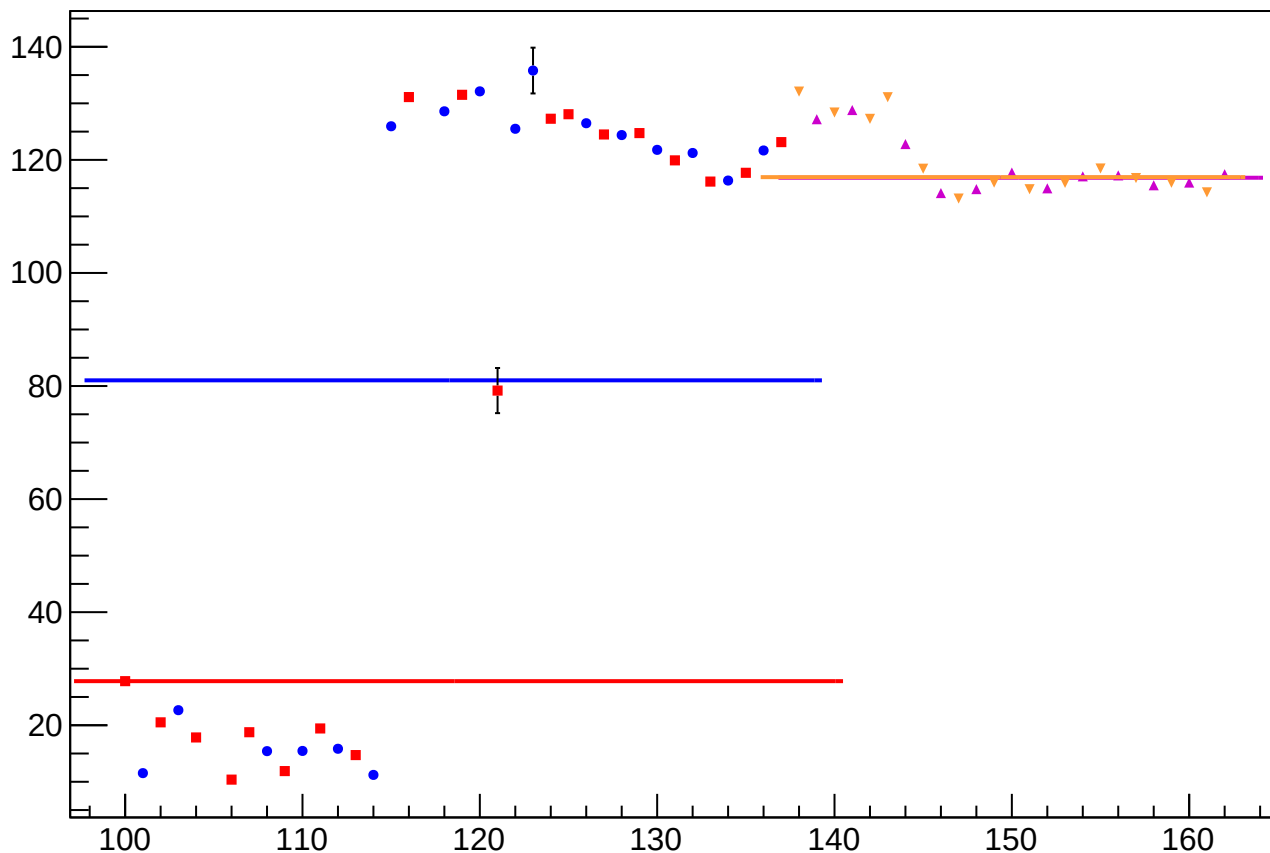
Right: 89.735 ± 0.000 $\chi^2/\text{NDF}: 48650023.7/35$

In: 32.671 ± 0.004 $\chi^2/\text{NDF}: 302459.2/28$

Out: 89.735 ± 0.000 $\chi^2/\text{NDF}: 175526643.6/31$

All: 89.735 ± 0.000 $\chi^2/\text{NDF}: 403390933.7/60$

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF : 2228881.4/16

Left Out: 116.947+/-0.010 χ^2/NDF :137760.0/12

Right Out: 27.798+/-0.000 χ^2/NDF : 9183707.8/18

Left In: 116.840+/-0.010 χ^2/NDF :40812.4/11

Left: 116.891+/-0.007 χ^2/NDF : 178631.3/24

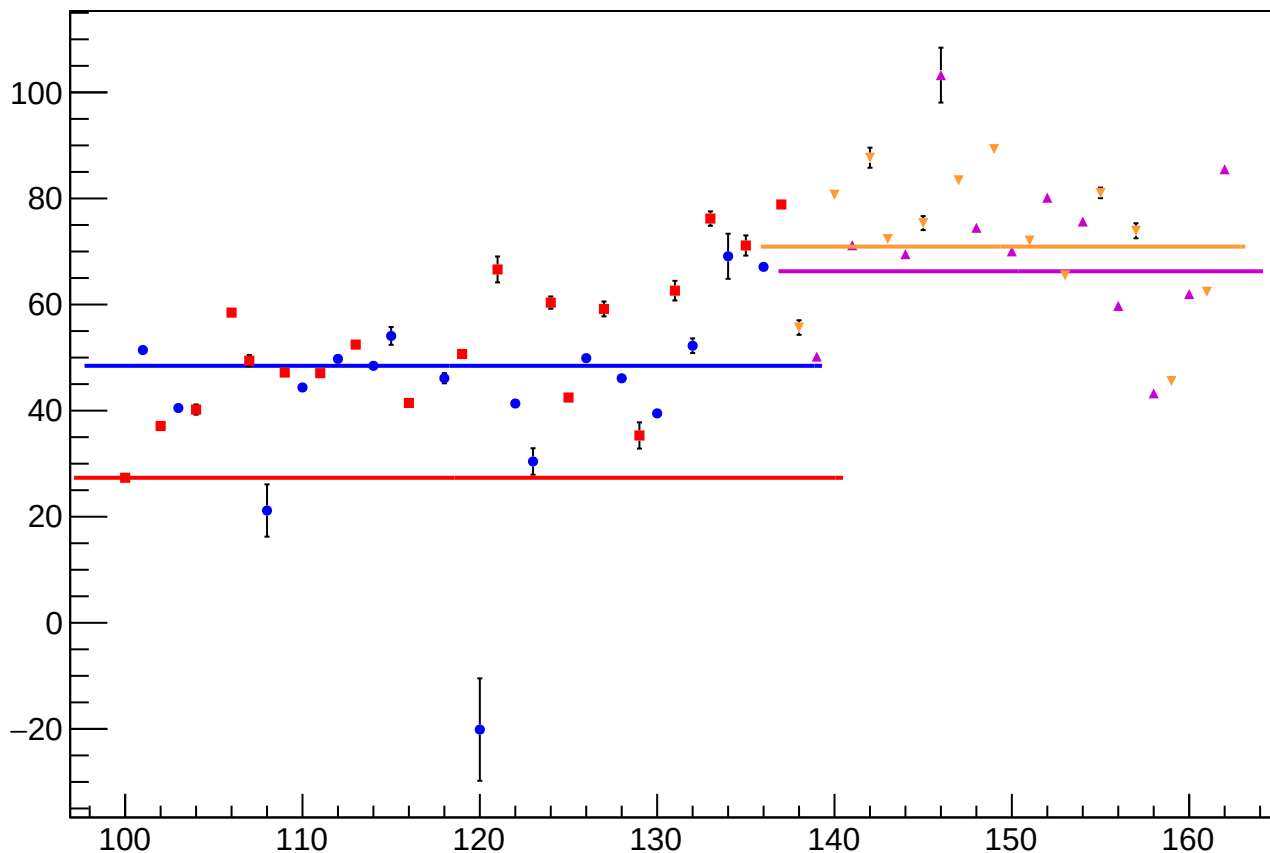
Right: 27.798+/-0.000 χ^2/NDF : 13786729.0/35

In: 114.280+/-0.009 χ^2/NDF :3269660.3/28

Out: 27.798+/-0.000 χ^2/NDF :86948106.9/31

All: 27.798+/-0.000 χ^2/NDF : 178001260.4/60

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 70.922+/-0.222 χ^2/NDF : 3822.8/12

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

Left In: 66.275+/-0.177 χ^2/NDF : 4239.5/11

Left: 68.083+/-0.139 χ^2/NDF : 8329.0/24

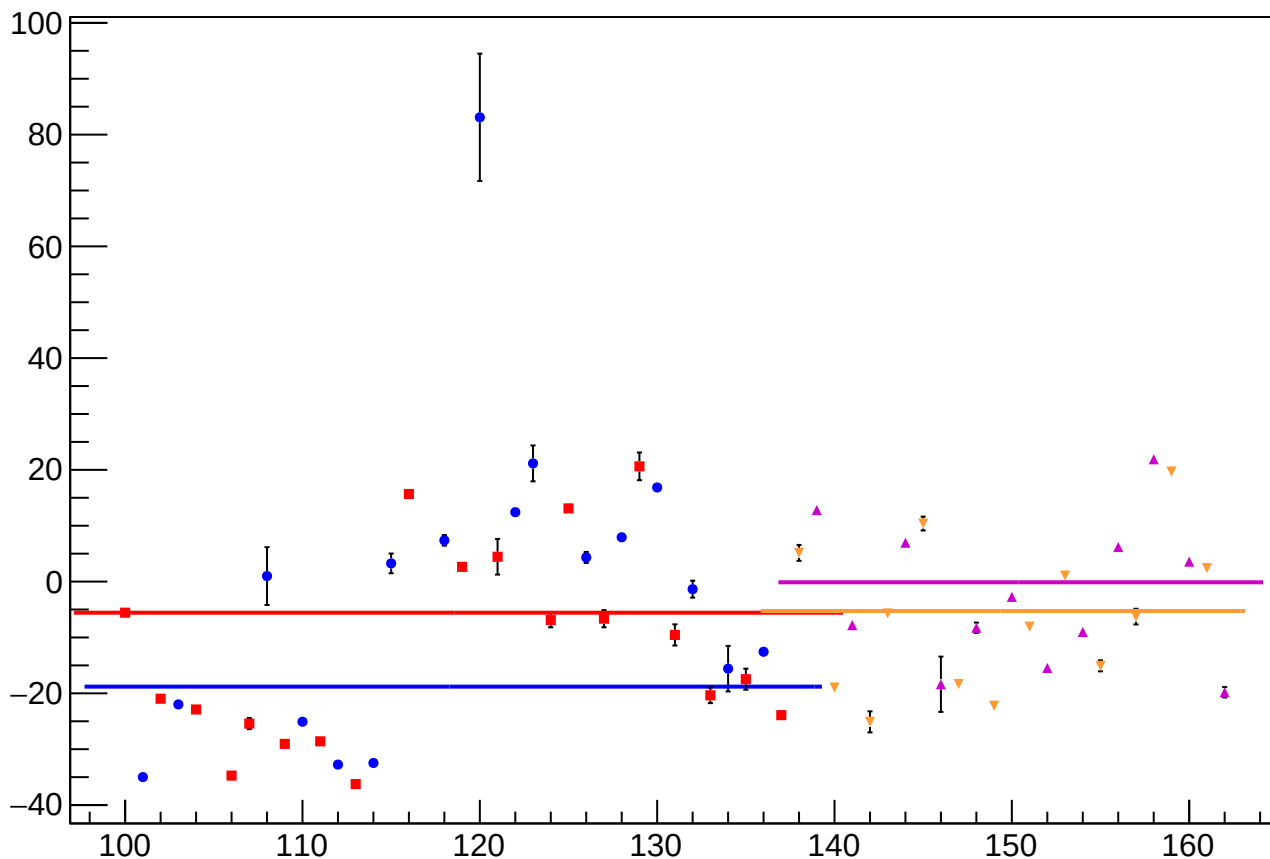
Right: 28.365+/-0.000 χ^2/NDF : 1026290104888328

In: 48.450+/-0.000 χ^2/NDF : 17077.3/28

Out: 27.342+/-0.000 χ^2/NDF : 68036.9/31

All: 28.365+/-0.000 χ^2/NDF : 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -5.267 ± 0.220 χ^2/NDF : 4060.6/12

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

Left In: -0.126 ± 0.175 χ^2/NDF : 3869.8/11

Left: -2.118 ± 0.137 χ^2/NDF : 8265.5/24

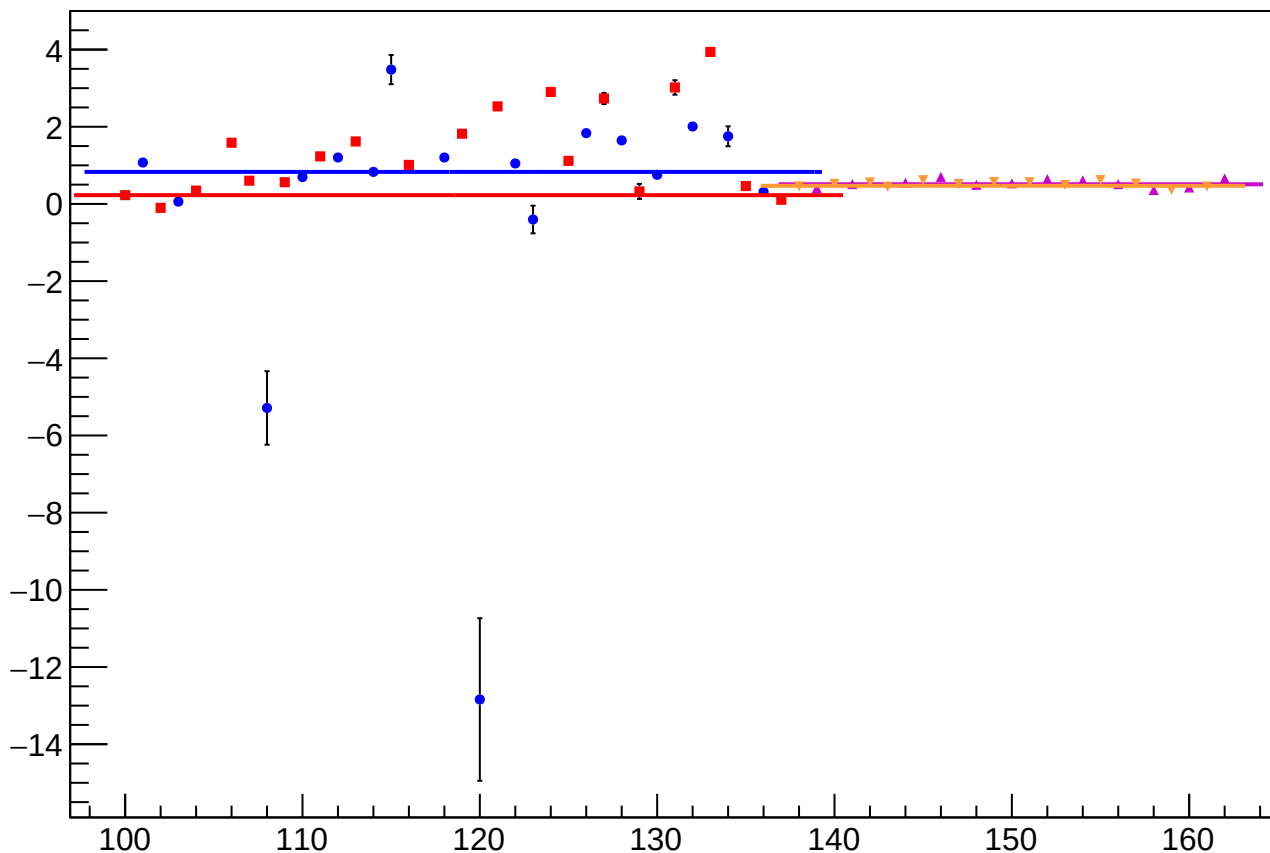
Right: -5.568 ± 0.000 χ^2/NDF : 42808.5/35

In: -10.977 ± 0.113 χ^2/NDF : 22264.8/28

Out: -5.568 ± 0.000 χ^2/NDF : 27159.7/31

All: -5.568 ± 0.000 χ^2/NDF : 51709.7/60

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 14882.7/16$

Left Out: 0.470 ± 0.001 $\chi^2/\text{NDF}: 4684.5/12$

Right Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 11819.9/18$

Left In: 0.509 ± 0.001 $\chi^2/\text{NDF}: 7572.6/11$

Left: 0.490 ± 0.001 $\chi^2/\text{NDF}: 12739.0/24$

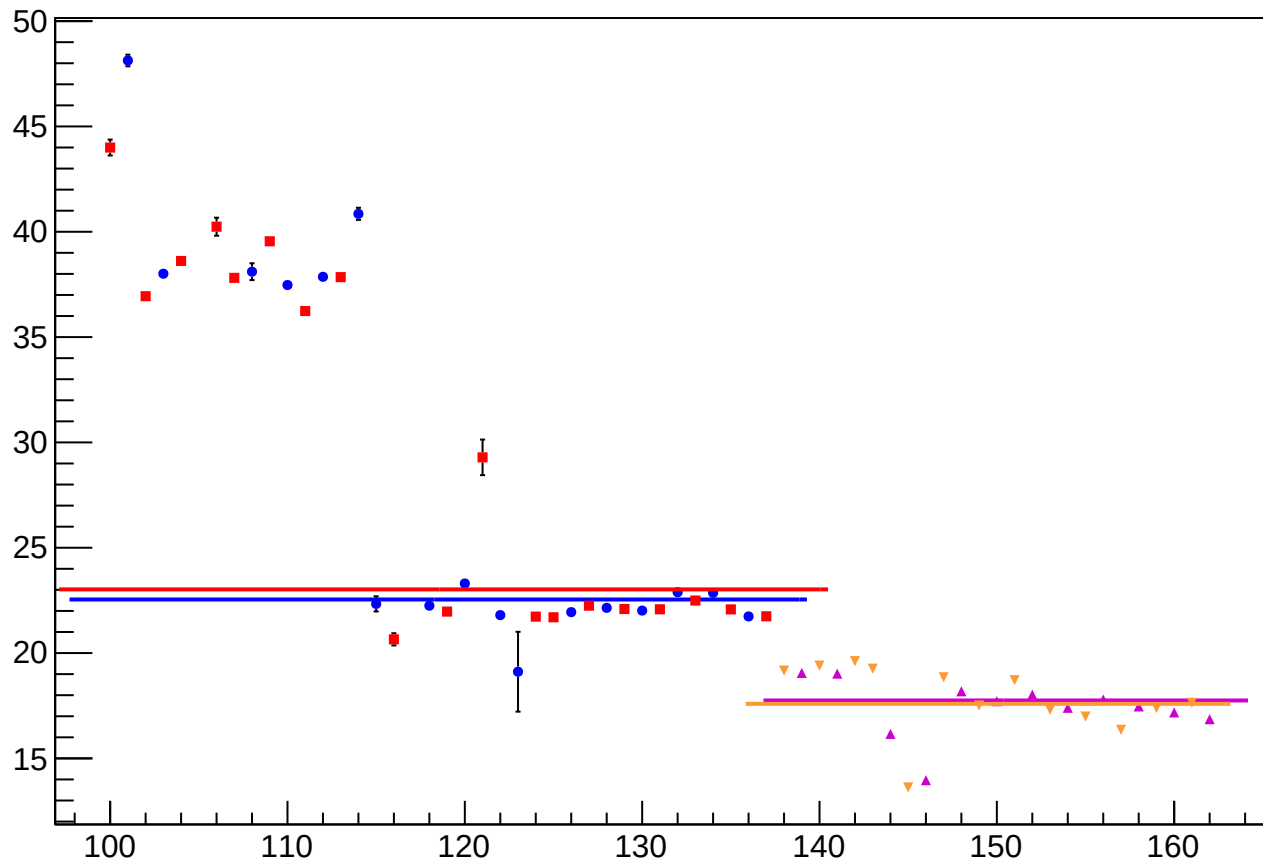
Right: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457147$

In: 0.830 ± 0.000 $\chi^2/\text{NDF}: 91415.6/28$

Out: 0.227 ± 0.000 $\chi^2/\text{NDF}: 52185.5/31$

All: 0.289 ± 0.000 $\chi^2/\text{NDF}: 29066082561457$

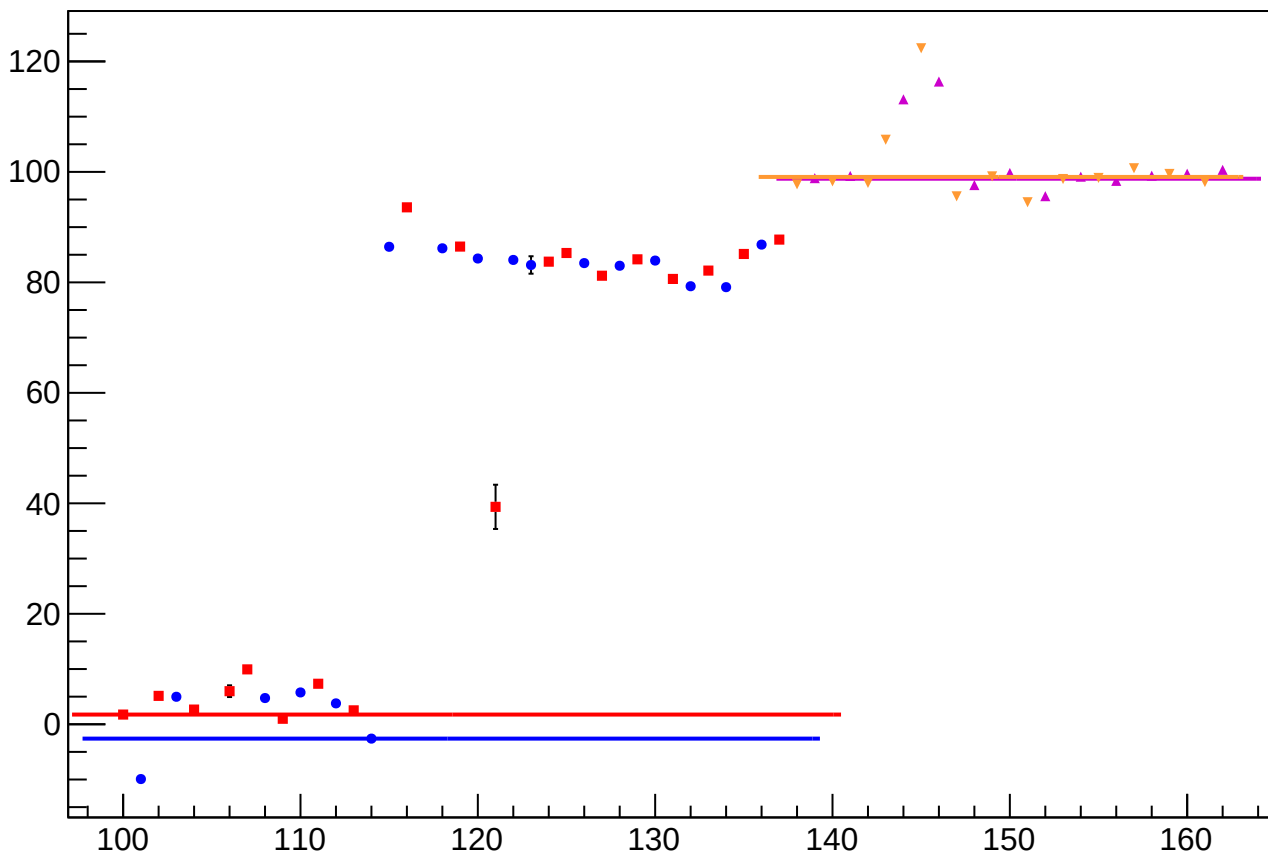
dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 ± 0.009 $\chi^2/\text{NDF}: 105452.8/16$
 Left Out: 17.589 ± 0.006 $\chi^2/\text{NDF}: 69951.5/12$
 Right Out: 23.023 ± 0.009 $\chi^2/\text{NDF}: 165838.0/18$
 Left In: 17.749 ± 0.007 $\chi^2/\text{NDF}: 13288.7/11$

Left: 17.656 ± 0.005 $\chi^2/\text{NDF}: 83527.1/24$
 Right: 22.790 ± 0.006 $\chi^2/\text{NDF}: 272655.1/35$
 In: 19.558 ± 0.006 $\chi^2/\text{NDF}: 283794.4/28$
 Out: 19.302 ± 0.005 $\chi^2/\text{NDF}: 482850.5/31$
 All: 19.415 ± 0.004 $\chi^2/\text{NDF}: 767766.7/60$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.088 ± 0.013 χ^2/NDF : 68813.6/12

Right Out: 1.758 ± 0.000 χ^2/NDF : 4230949.4/18

Left In: 98.763 ± 0.013 χ^2/NDF : 17788.6/11

Left: 98.924 ± 0.009 χ^2/NDF : 86899.9/24

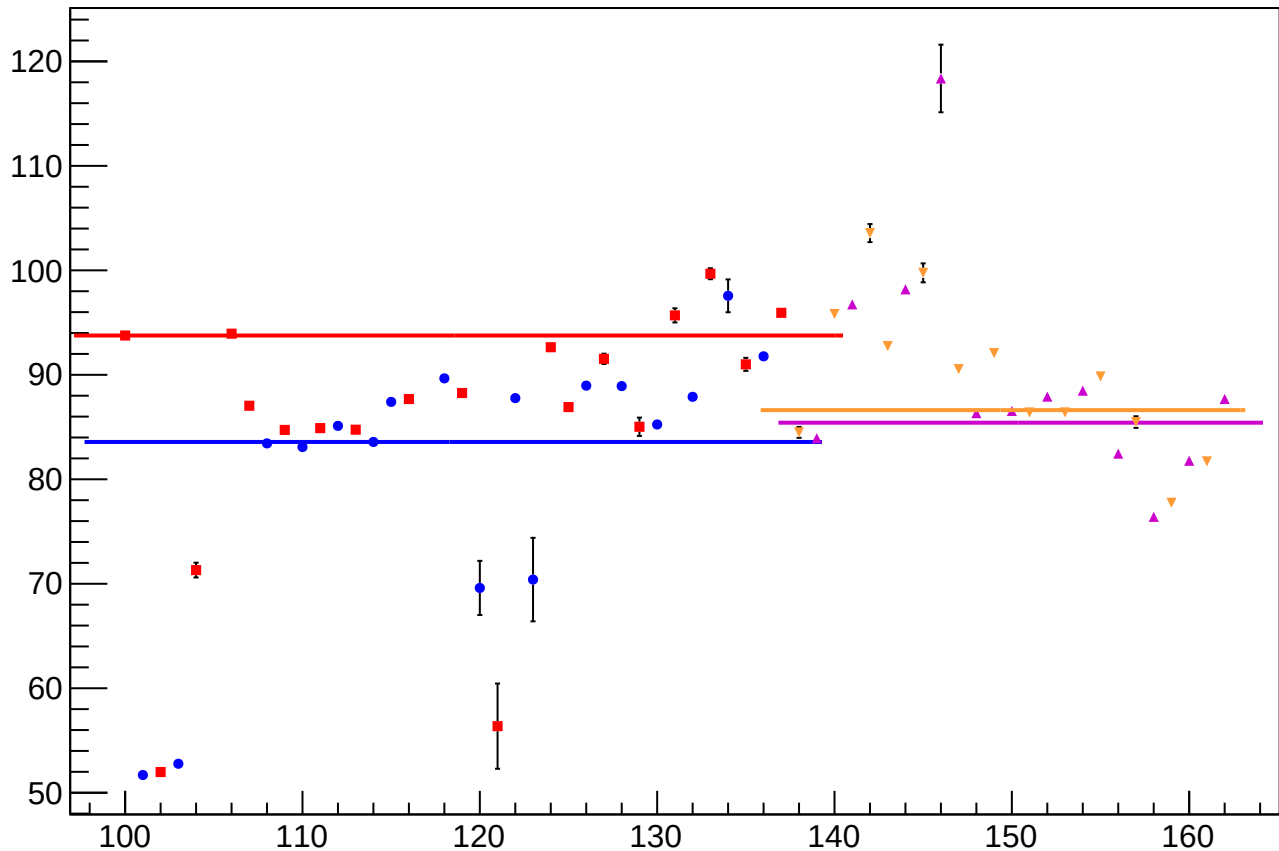
Right: -1.059 ± 0.000 χ^2/NDF : 3731791751577379

In: -2.596 ± 0.000 χ^2/NDF : 66221191.3/28

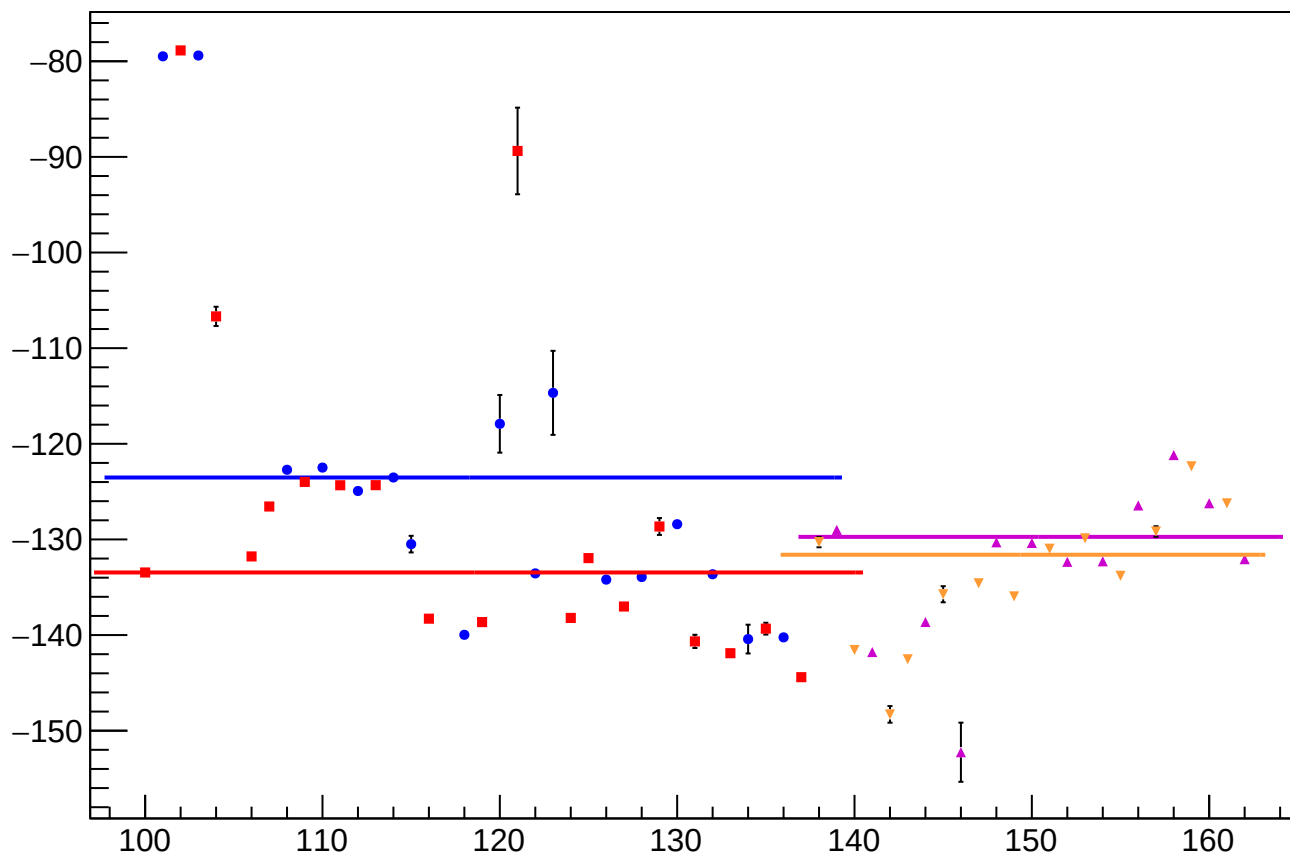
Out: 1.758 ± 0.000 χ^2/NDF : 57387927.7/31

All: -1.059 ± 0.000 χ^2/NDF : 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected



dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 160356.5/16$

Left Out: -131.602 ± 0.083 $\chi^2/\text{NDF}: 7107.4/12$

Right Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 394896.3/18$

Left In: -129.732 ± 0.064 $\chi^2/\text{NDF}: 5141.8/11$

Left: -130.428 ± 0.051 $\chi^2/\text{NDF}: 12568.5/24$

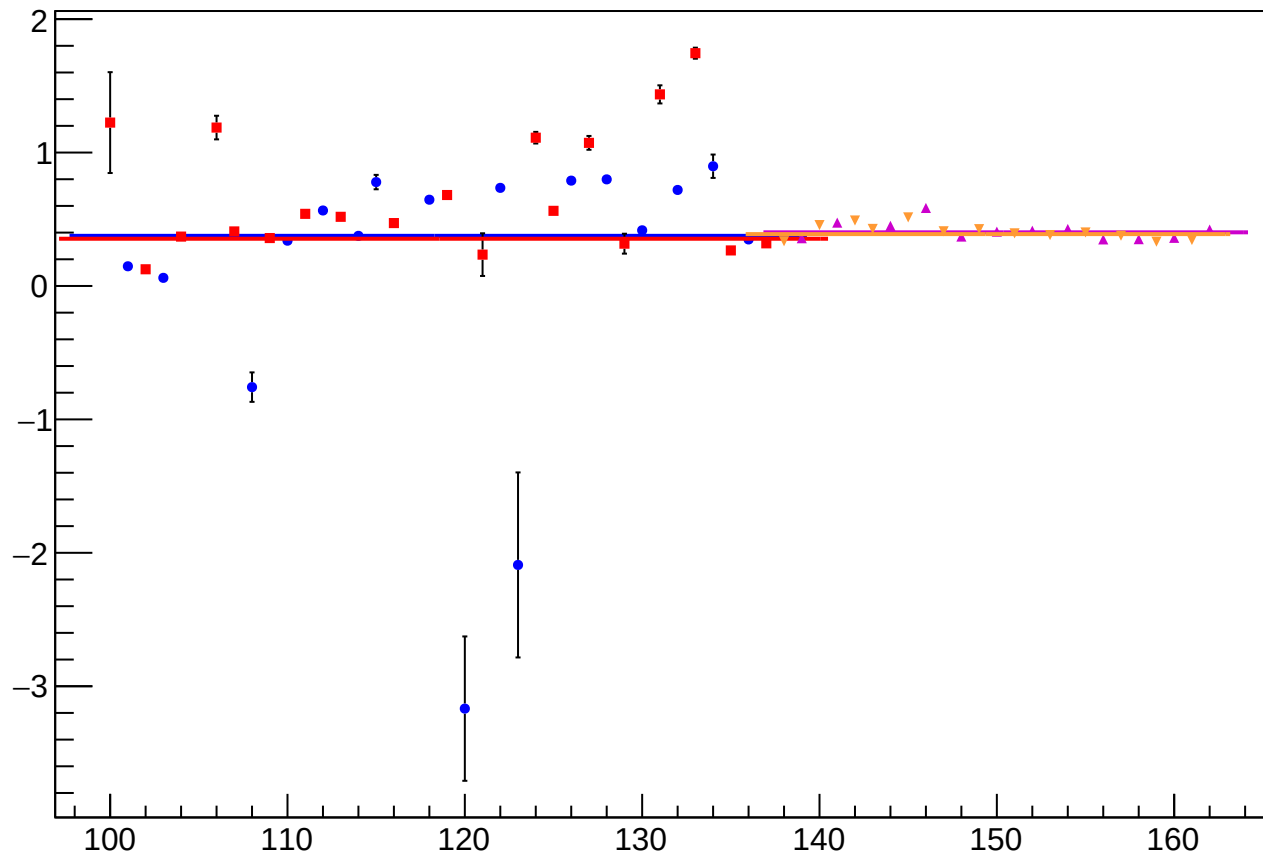
Right: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901657$

In: -123.524 ± 0.000 $\chi^2/\text{NDF}: 174956.6/28$

Out: -133.456 ± 0.000 $\chi^2/\text{NDF}: 402502.7/31$

All: -124.716 ± 0.000 $\chi^2/\text{NDF}: 64467869901$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.389 $\pm$ 0.001 χ^2 /NDF: 4576.2/12

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

Left In: 0.402 $\pm$ 0.001 χ^2 /NDF: 5952.5/11

Left: 0.397 $\pm$ 0.000 χ^2 /NDF: 10796.6/24

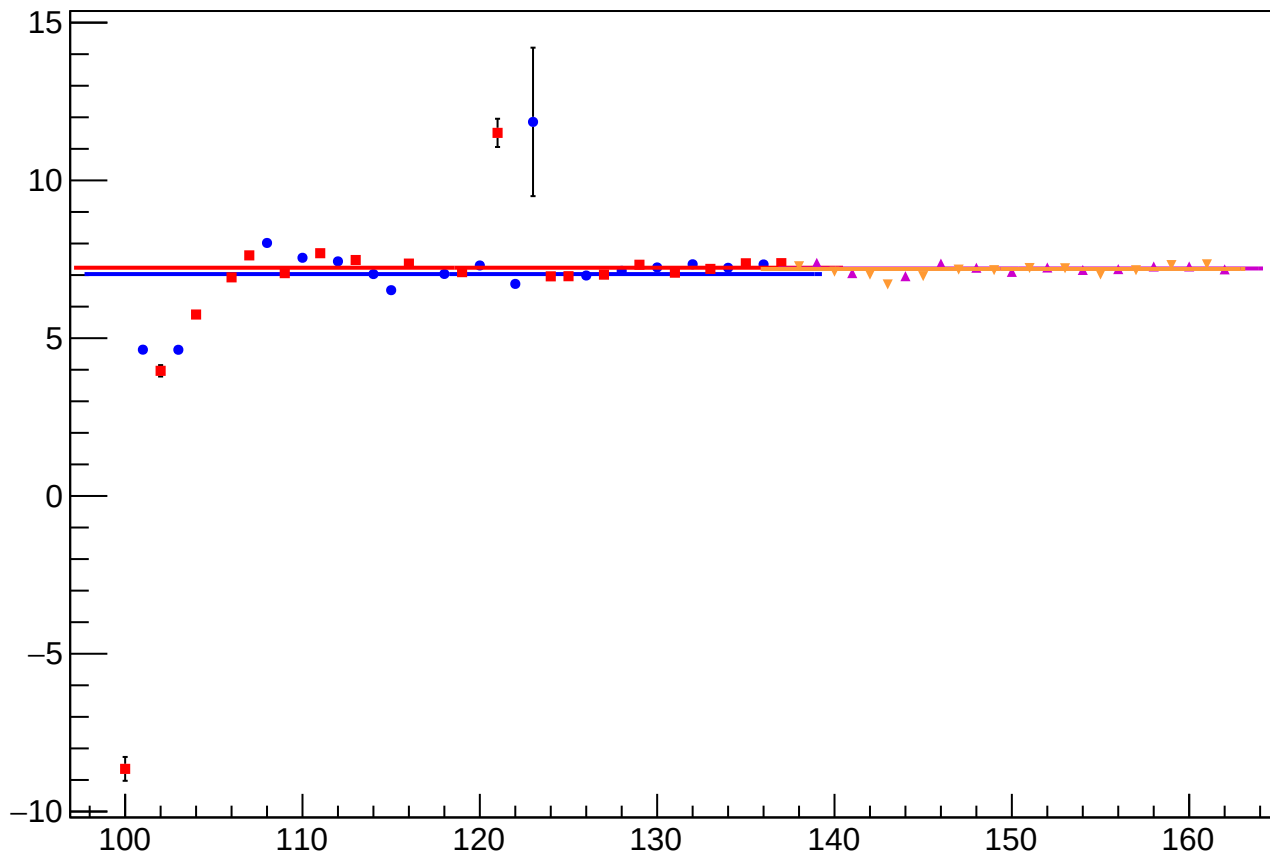
Right: 0.376 $\pm$ 0.000 χ^2 /NDF: 8762.1/35

In: 0.376 $\pm$ 0.000 χ^2 /NDF: 12464.0/28

Out: 0.384 $\pm$ 0.001 χ^2 /NDF: 9620.3/31

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 22267.9/60

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.194 $\pm$ 0.001 χ^2/NDF : 22903.2/12

Right Out: 7.233 $\pm$ 0.002 χ^2/NDF : 10061.8/18

Left In: 7.209 $\pm$ 0.001 χ^2/NDF : 9994.0/11

Left: 7.202 $\pm$ 0.001 χ^2/NDF : 33011.9/24

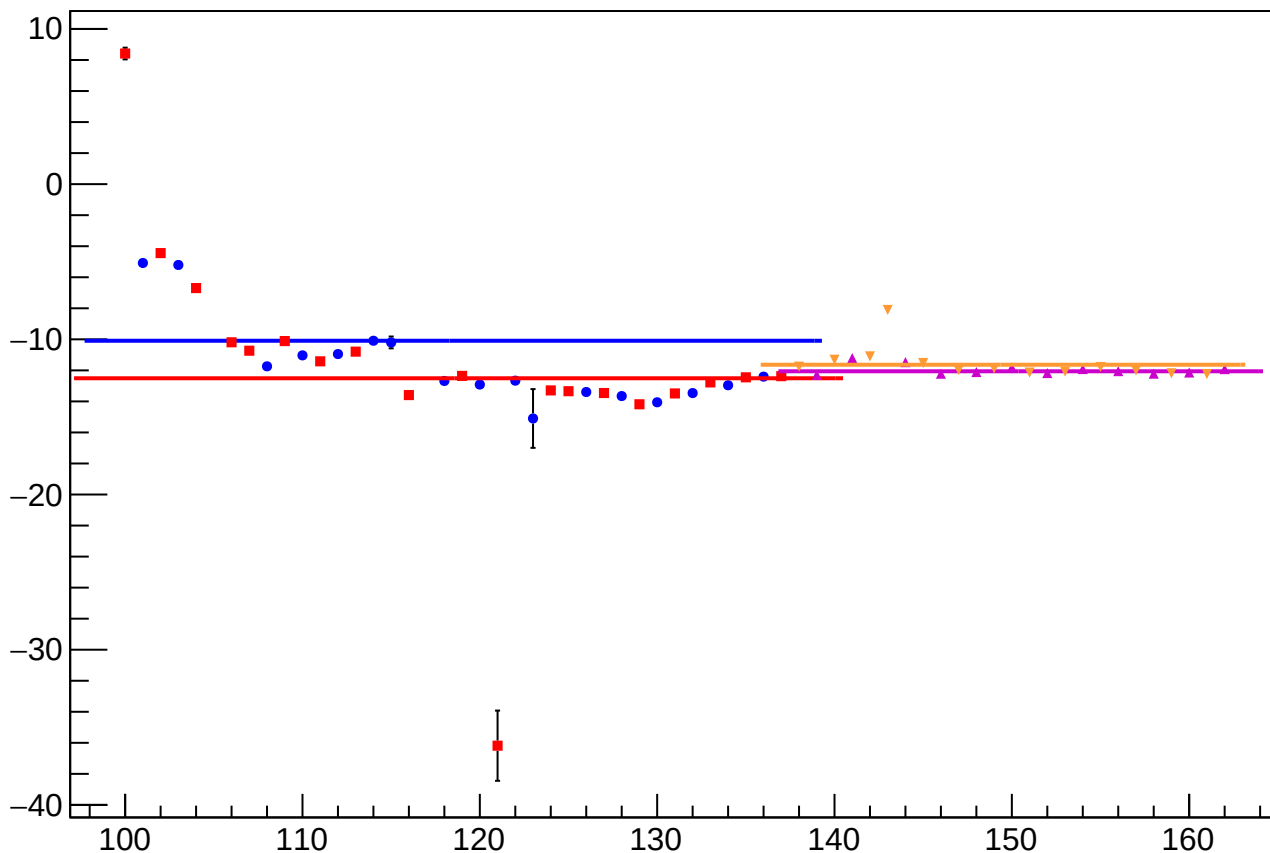
Right: 7.032 $\pm$ 0.000 χ^2/NDF : 36990.7/35

In: 7.032 $\pm$ 0.000 χ^2/NDF : 63920.6/28

Out: 7.200 $\pm$ 0.001 χ^2/NDF : 33189.6/31

All: 7.032 $\pm$ 0.000 χ^2/NDF : 128871.3/60

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.637 ± 0.002 χ^2/NDF : 398782.6/12

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

Left In: -12.059 ± 0.002 χ^2/NDF : 14917.6/11

Left: -11.856 ± 0.001 χ^2/NDF : 438088.8/24

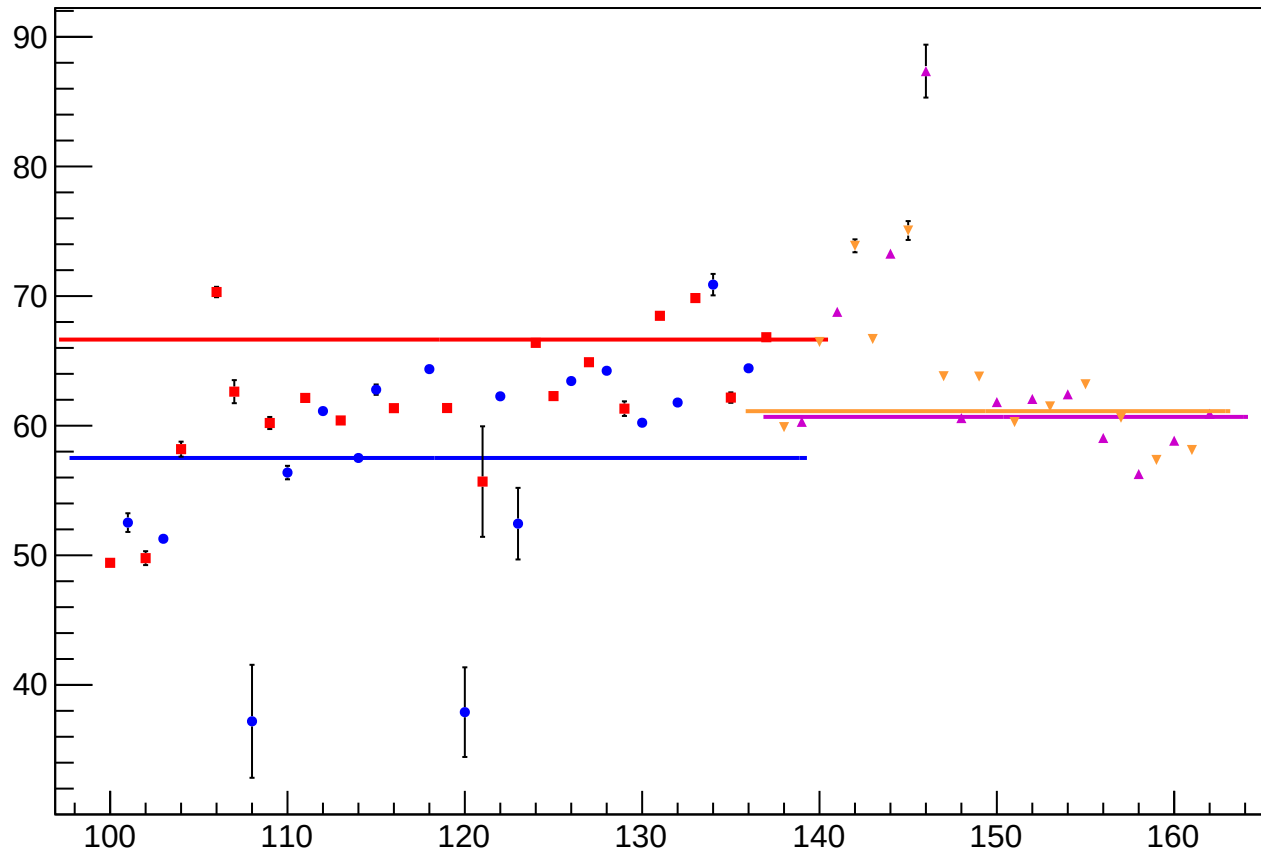
Right: -10.092 ± 0.000 χ^2/NDF : 1062248.5/35

In: -10.092 ± 0.000 χ^2/NDF : 1659262.3/28

Out: -11.822 ± 0.002 χ^2/NDF : 544842.7/31

All: -10.092 ± 0.000 χ^2/NDF : 3206195.8/60

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF : 8108.6/16

Left Out: 61.120+/-0.048 χ^2/NDF : 5121.2/12

Right Out: 66.645+/-0.013 χ^2/NDF : 8163.8/18

Left In: 60.679+/-0.038 χ^2/NDF : 5575.7/11

Left: 60.847+/-0.030 χ^2/NDF : 10748.4/24

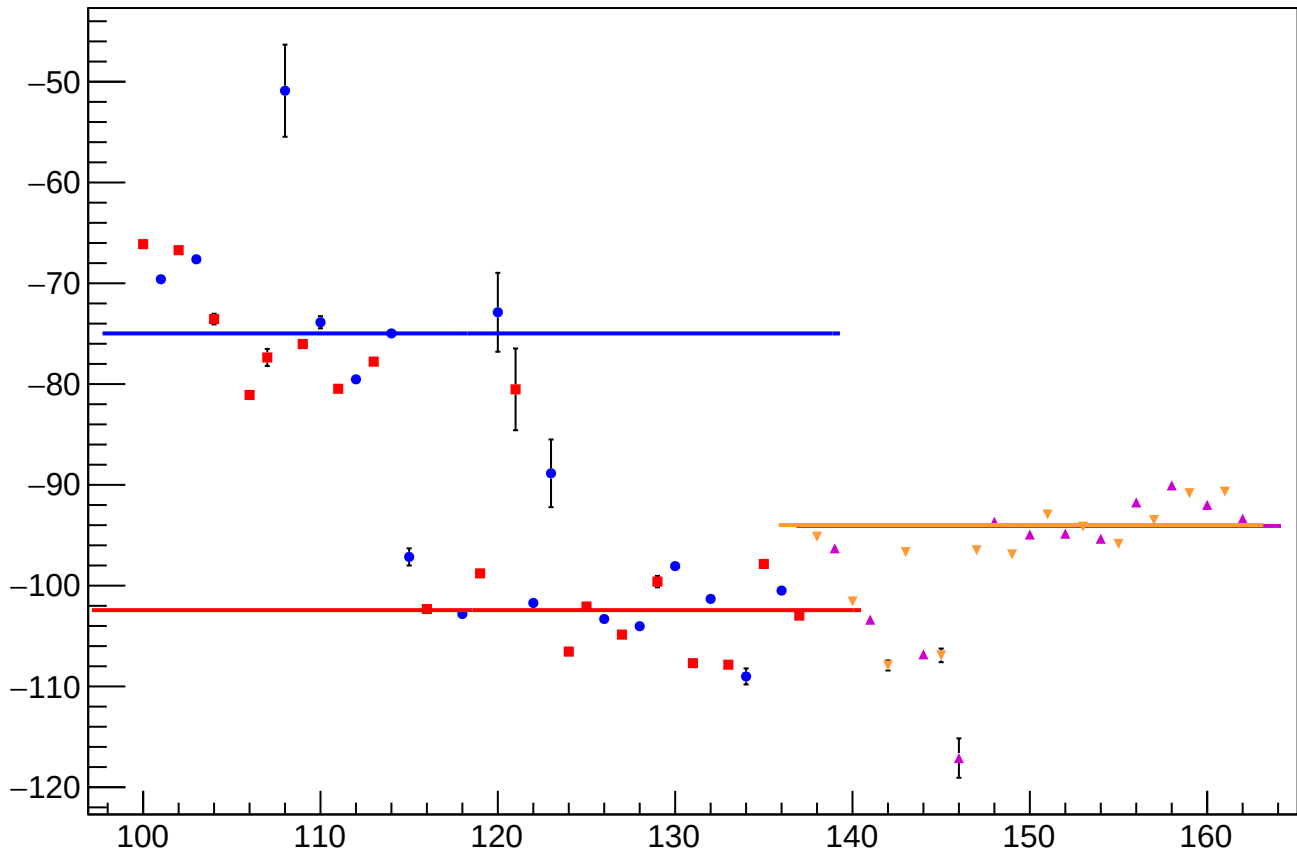
Right: 57.510+/-0.000 χ^2/NDF : 504438.3/35

In: 57.510+/-0.000 χ^2/NDF : 20629.3/28

Out: 66.269+/-0.013 χ^2/NDF : 25415.2/31

All: 57.510+/-0.000 χ^2/NDF : 527639.8/60

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -93.986 ± 0.049 $\chi^2/\text{NDF}: 4671.1/12$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

Left In: -94.074 ± 0.038 $\chi^2/\text{NDF}: 6147.2/11$

Left: -94.040 ± 0.030 $\chi^2/\text{NDF}: 10820.3/24$

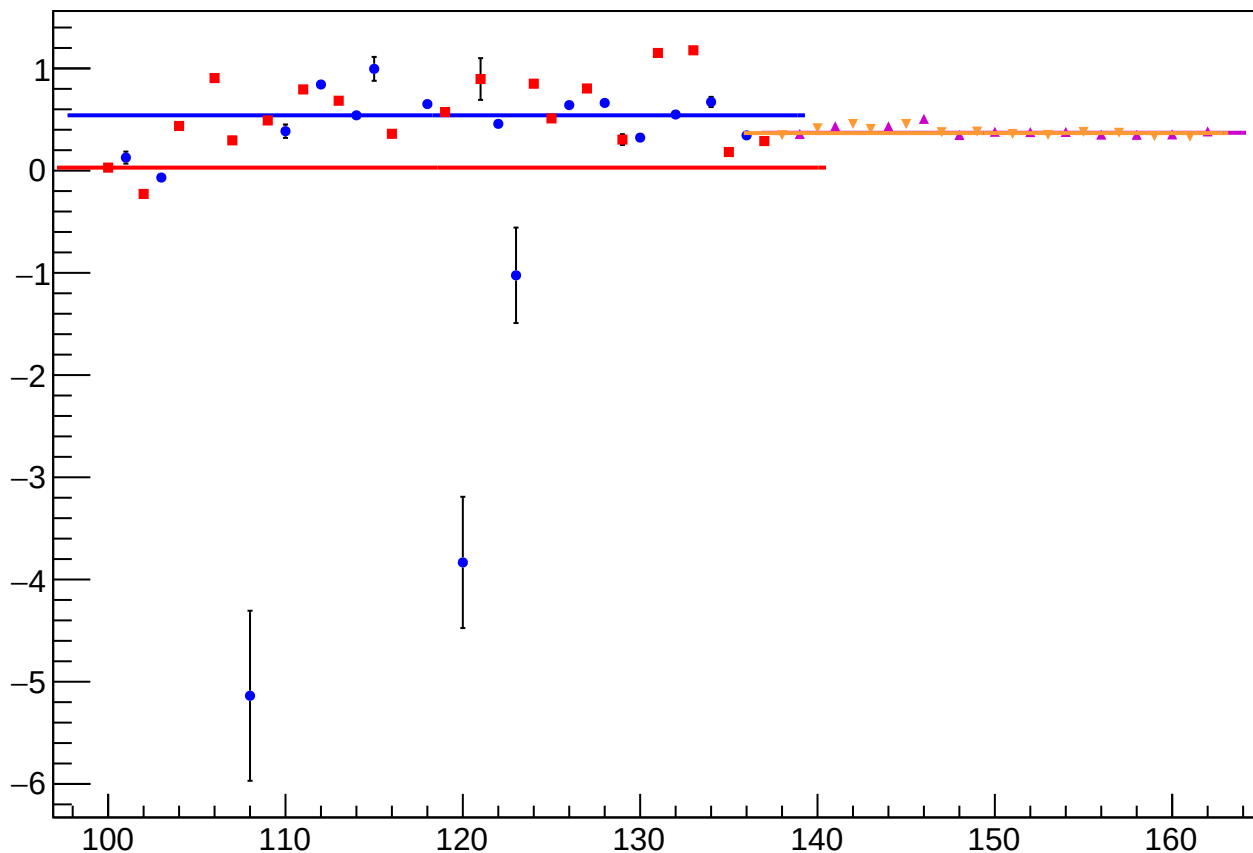
Right: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2556524.2/35$

In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 383197.1/28$

Out: -101.428 ± 0.017 $\chi^2/\text{NDF}: 81716.1/31$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2967257.9/60$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.367 $\pm$ 0.000 χ^2 /NDF:3034.9/12

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

Left In: 0.370 $\pm$ 0.000 χ^2 /NDF:4896.6/11

Left: 0.369 $\pm$ 0.000 χ^2 /NDF: 7963.4/24

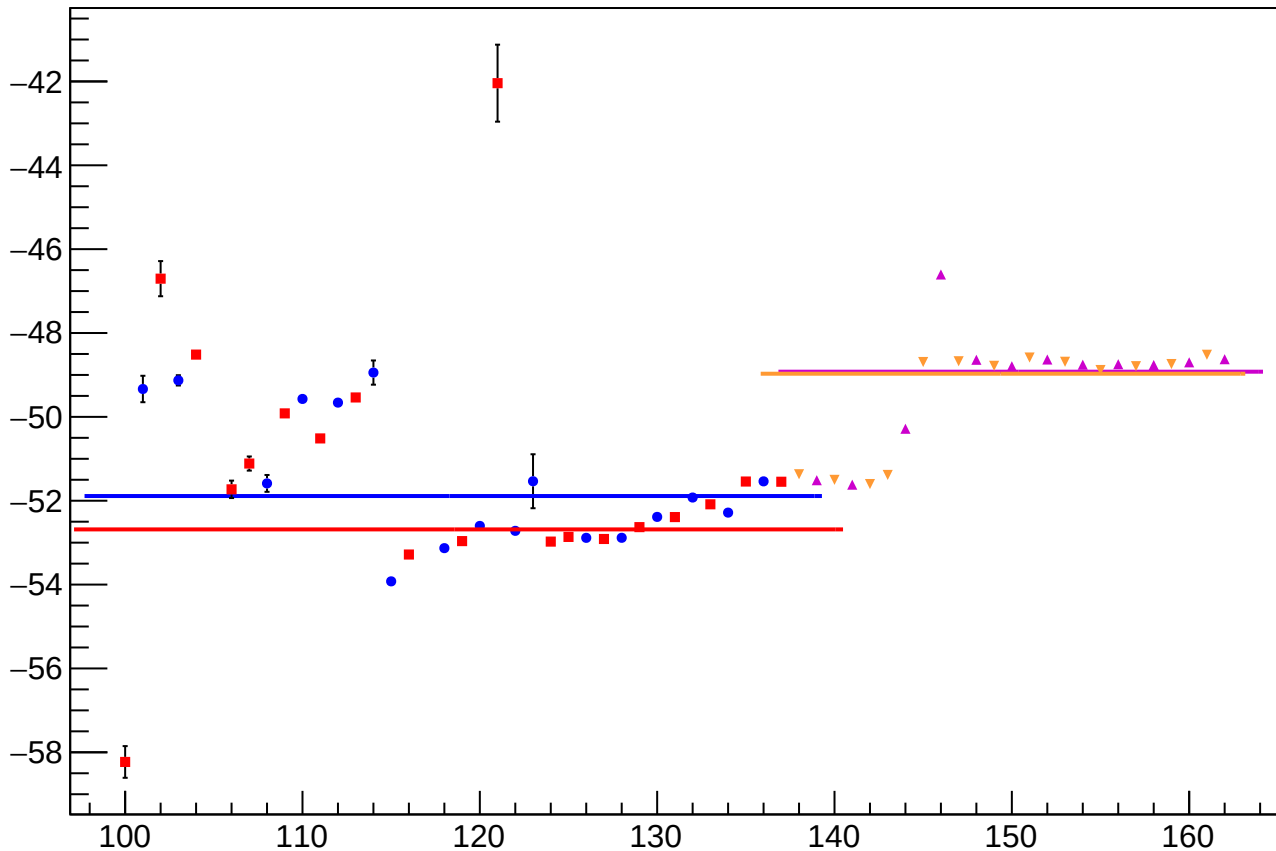
Right: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

In: 0.541 $\pm$ 0.000 χ^2 /NDF:301010.5/28

Out: 0.030 $\pm$ 0.000 χ^2 /NDF:629592.1/31

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963382

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 $\pm$ 0.002 χ^2 /NDF: 77585.2/16

Left Out: -48.971 $\pm$ 0.001 χ^2 /NDF: 354171.3/12

Right Out: -52.684 $\pm$ 0.003 χ^2 /NDF: 56125.8/18

Left In: -48.922 $\pm$ 0.001 χ^2 /NDF: 519723.5/11

Left: -48.940 $\pm$ 0.001 χ^2 /NDF: 874675.4/24

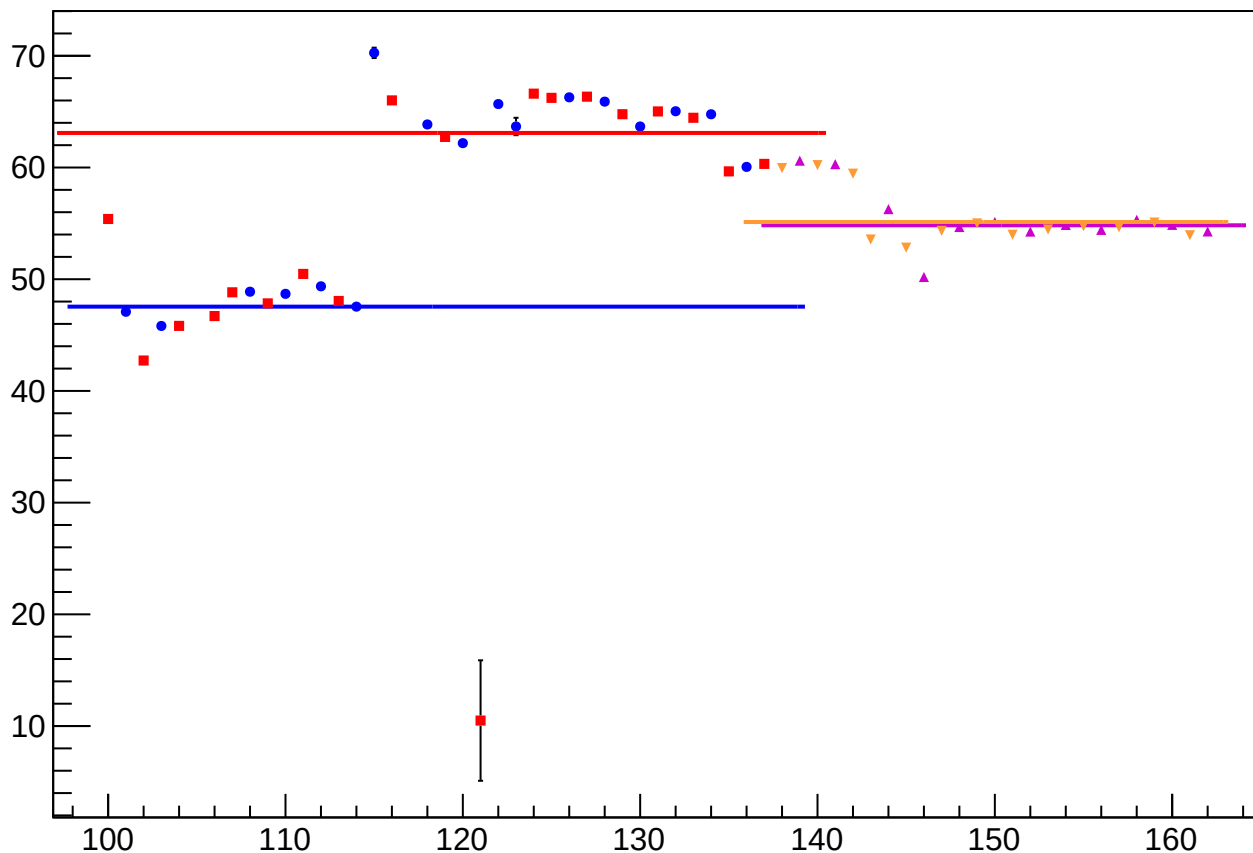
Right: -52.231 $\pm$ 0.002 χ^2 /NDF: 188721.6/35

In: -49.465 $\pm$ 0.001 χ^2 /NDF: 2044443.7/28

Out: -49.805 $\pm$ 0.001 χ^2 /NDF: 2042122.0/31

All: -49.595 $\pm$ 0.001 χ^2 /NDF: 4134900.4/60

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 55.121+/-0.003 χ^2/NDF :232612.4/12

Right Out: 63.095+/-0.007 χ^2/NDF : 333637.2/18

Left In: 54.829+/-0.003 χ^2/NDF :81498.8/11

Left: 54.945+/-0.002 χ^2/NDF : 318558.6/24

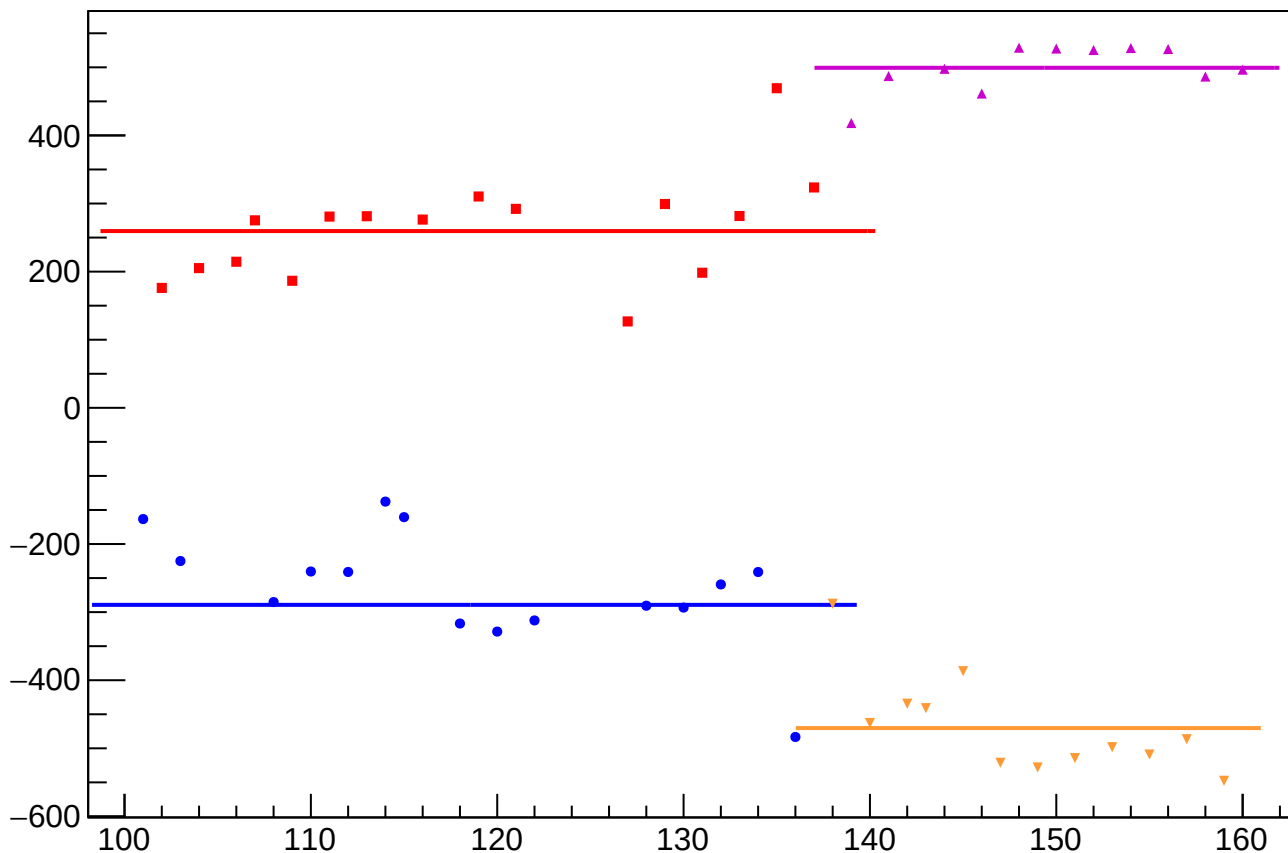
Right: 47.545+/-0.000 χ^2/NDF : 8155028.5/35

In: 47.545+/-0.000 χ^2/NDF :10512190.0/28

Out: 56.491+/-0.003 χ^2/NDF :1509156.9/31

All: 47.545+/-0.000 χ^2/NDF : 20362497.9/60

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000

Left Out: -470.248+/-0.000

Right Out: 259.558+/-0.000

Left In: 499.323+/-0.000

χ^2/NDF : 53696816404891478649585392183934976.0/14

χ^2/NDF : 4607361900635133507336893174223208448.0/11

χ^2/NDF : 4299886792692123970784563983770714112.0/15

χ^2/NDF : 1018789461606644410107221718465511424.0/10

Left: 16.381+/-0.000 χ^2/NDF : 43828608668570412

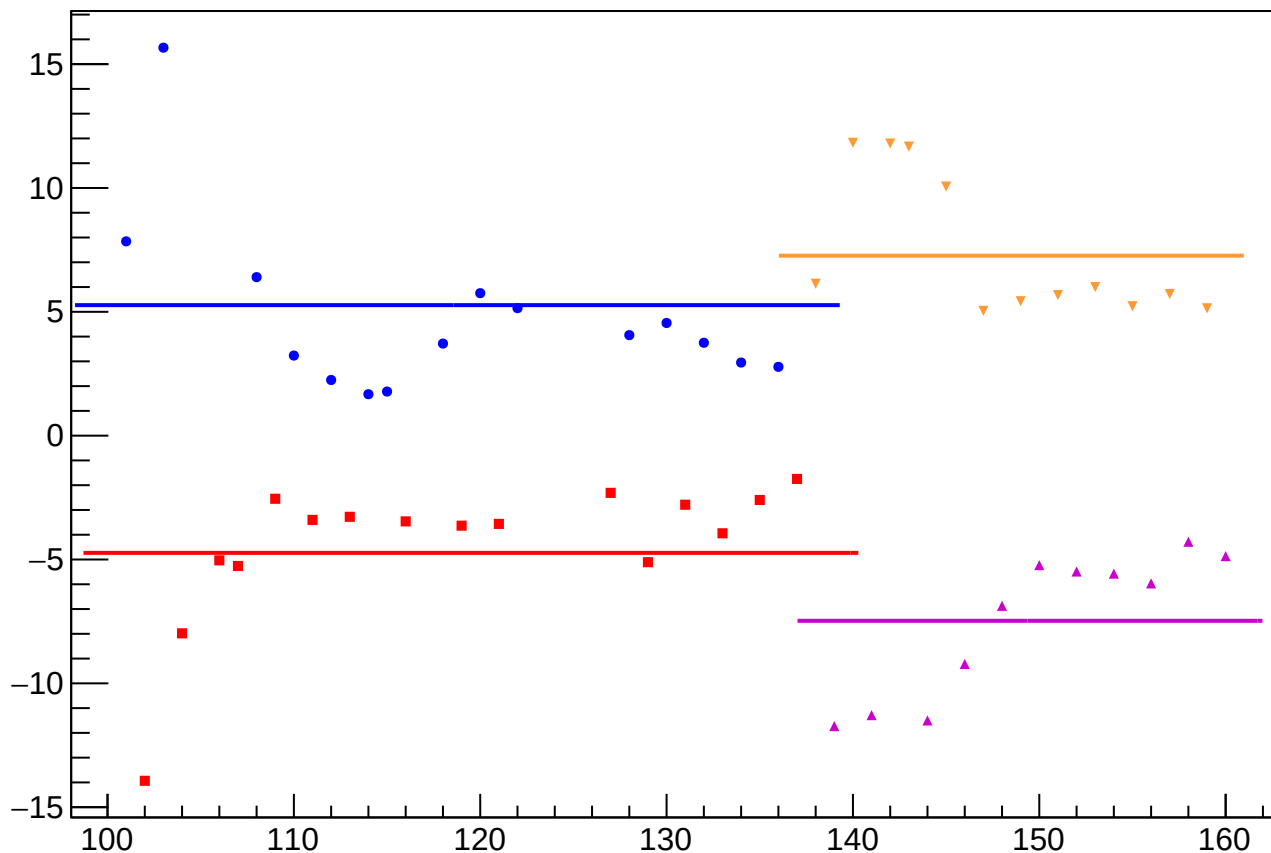
Right: -11.129+/-0.000 χ^2/NDF : 108768514077982

In: 173.938+/-0.000 χ^2/NDF : 2434992102571034

Out: -162.937+/-0.000 χ^2/NDF : 214569343830480

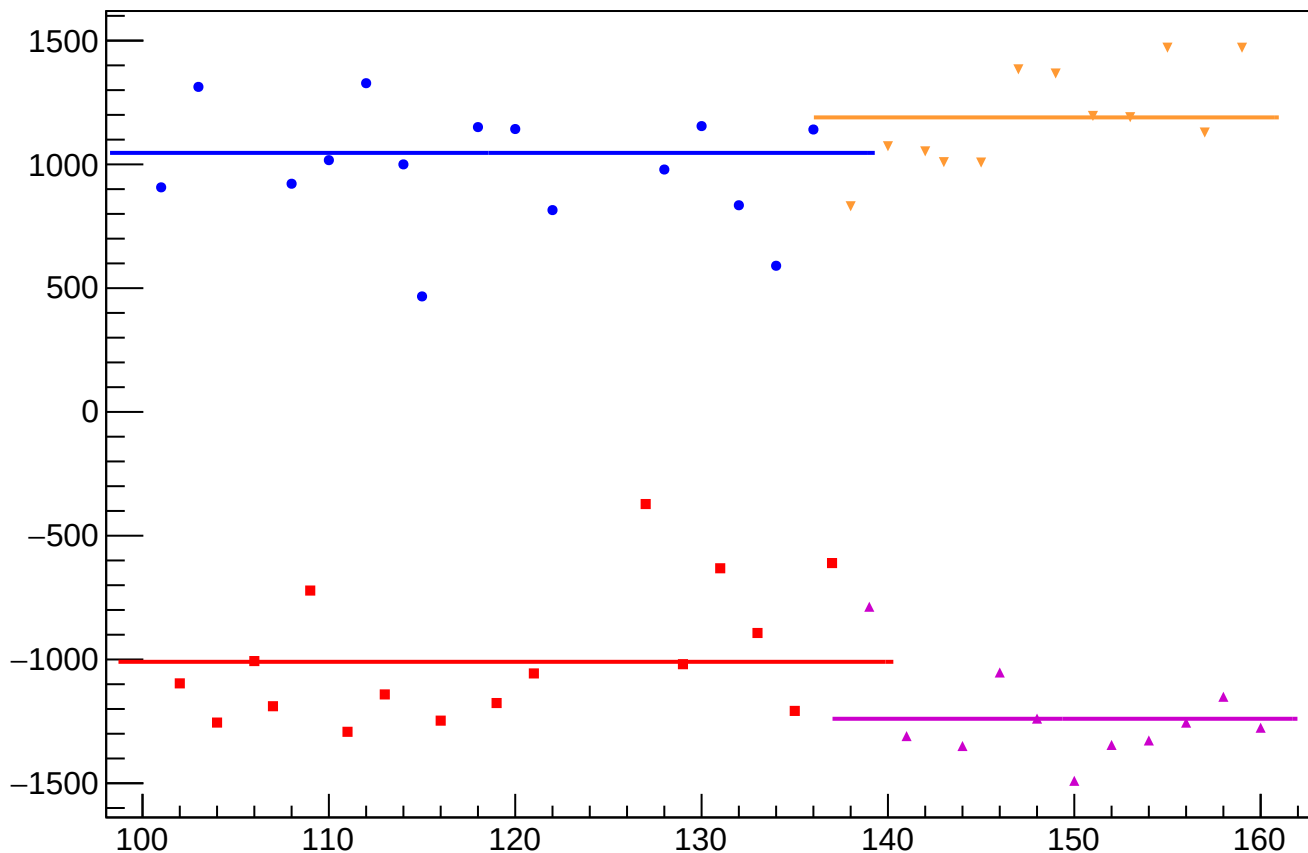
All: 4.914+/-0.000 χ^2/NDF : 5476353608355

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



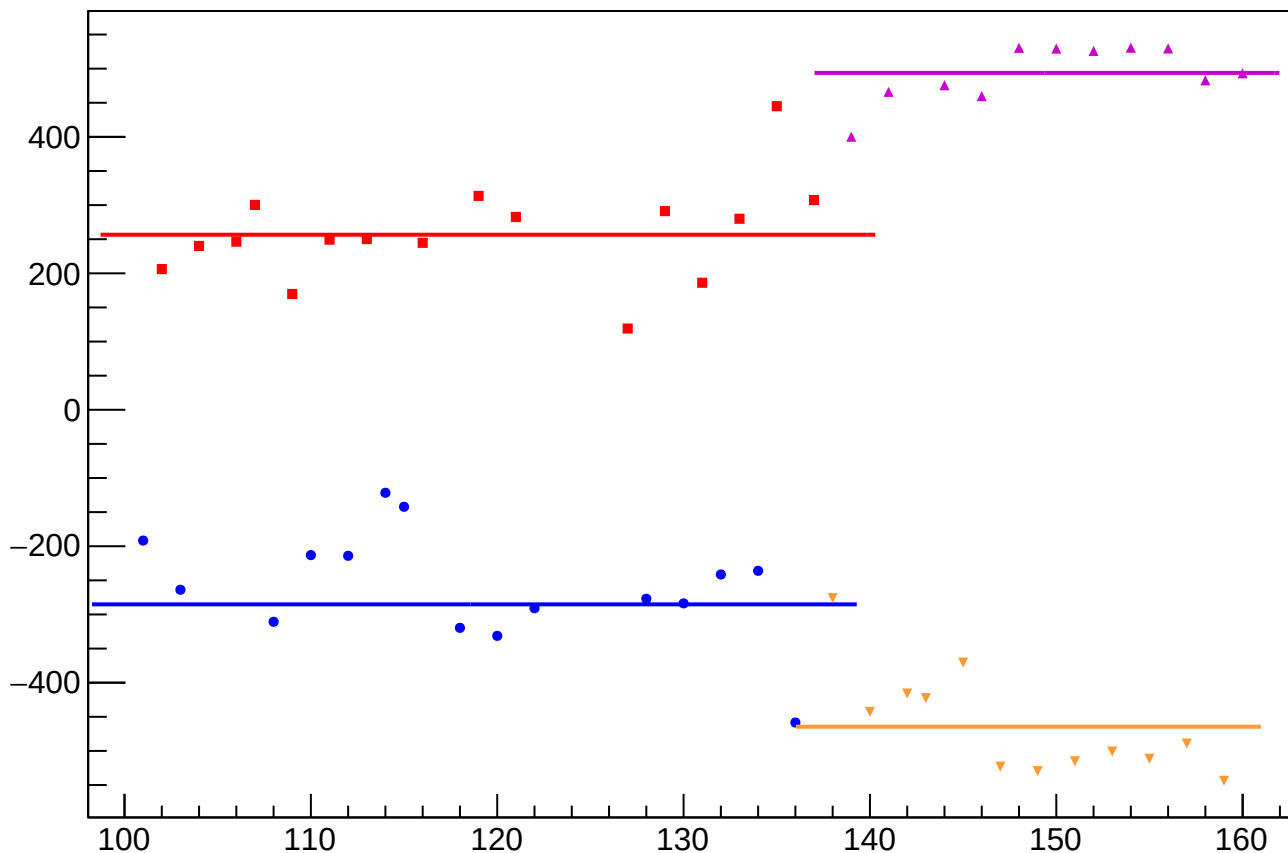
Right In: 5.270 ± 0.000 $\chi^2/\text{NDF}: 8709683292123798330550906790084608.0/14$
 Left Out: 7.267 ± 0.000 $\chi^2/\text{NDF}: 6561845891361438099452945363894272.0/11$
 Right Out: -4.732 ± 0.000 $\chi^2/\text{NDF}: 6856893072575211562802281426452480.0/15$
 Left In: -7.475 ± 0.000 $\chi^2/\text{NDF}: 7057812139399579538870244550377472.0/10$
 All: 0.007 ± 0.000 $\chi^2/\text{NDF}: 16219425295293$

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 1189.821 ± 0.000 $\chi^2/\text{NDF}: 35487872642876563282140008444600516608.0/11$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -1239.553 ± 0.000 $\chi^2/\text{NDF}: 29116180330425505242594030704390045696.0/10$
 All: -15.334 ± 0.000 $\chi^2/\text{NDF}: 424162911952$

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: -285.187+/-0.000

Left Out: -464.487+/-0.000

Right Out: 256.599+/-0.000

Left In: 493.780+/-0.000

χ^2/NDF : 4479585262853549838092521921291747328.0/14

χ^2/NDF : 5412512273744603577474879660526403584.0/11

χ^2/NDF : 3648271535971039165952602563191767040.0/15

χ^2/NDF : 1451794731277142230901460532226686976.0/10

Left: 16.468+/-0.000 χ^2/NDF : 42949444030060178

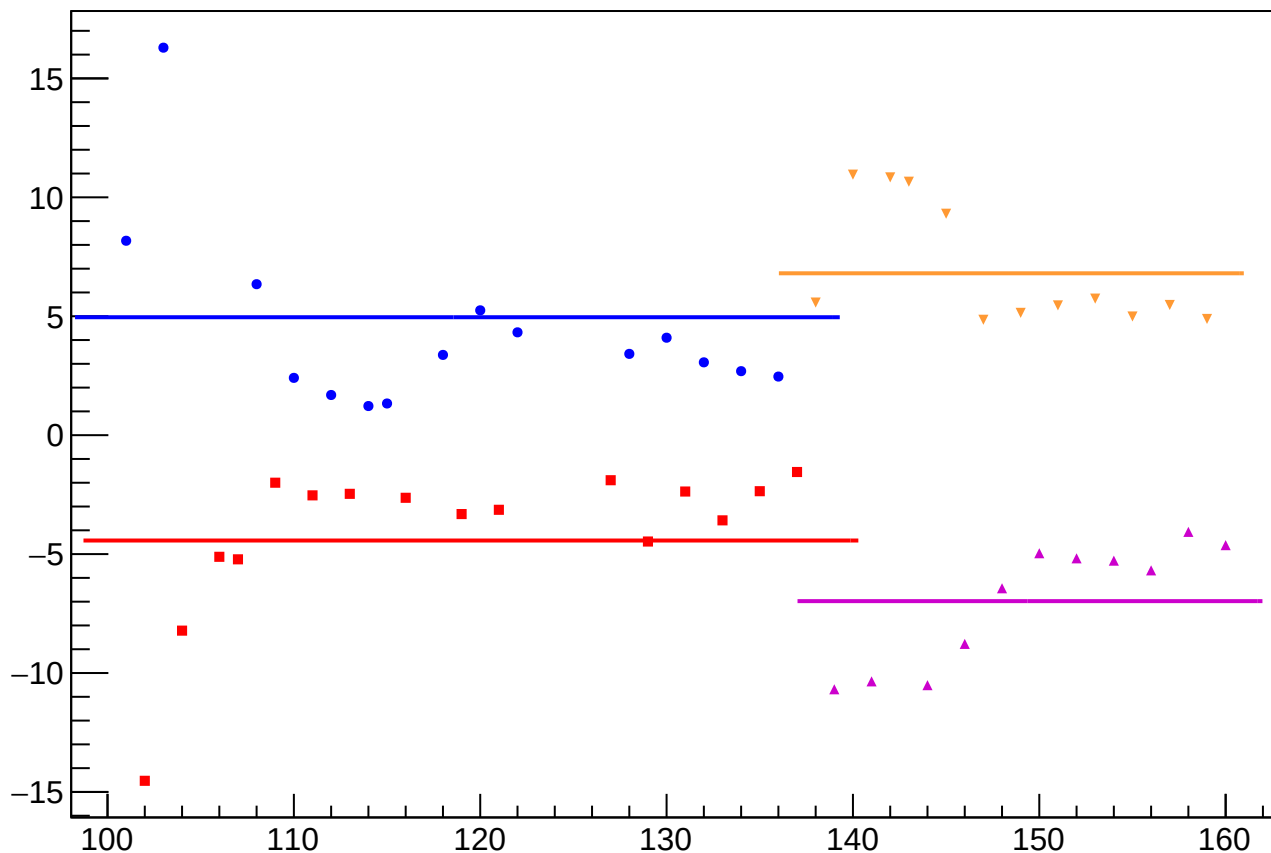
Right: -10.589+/-0.000 χ^2/NDF : 104681795299957

In: 172.388+/-0.000 χ^2/NDF : 23725794461997010

Out: -160.848+/-0.000 χ^2/NDF : 209837987568430

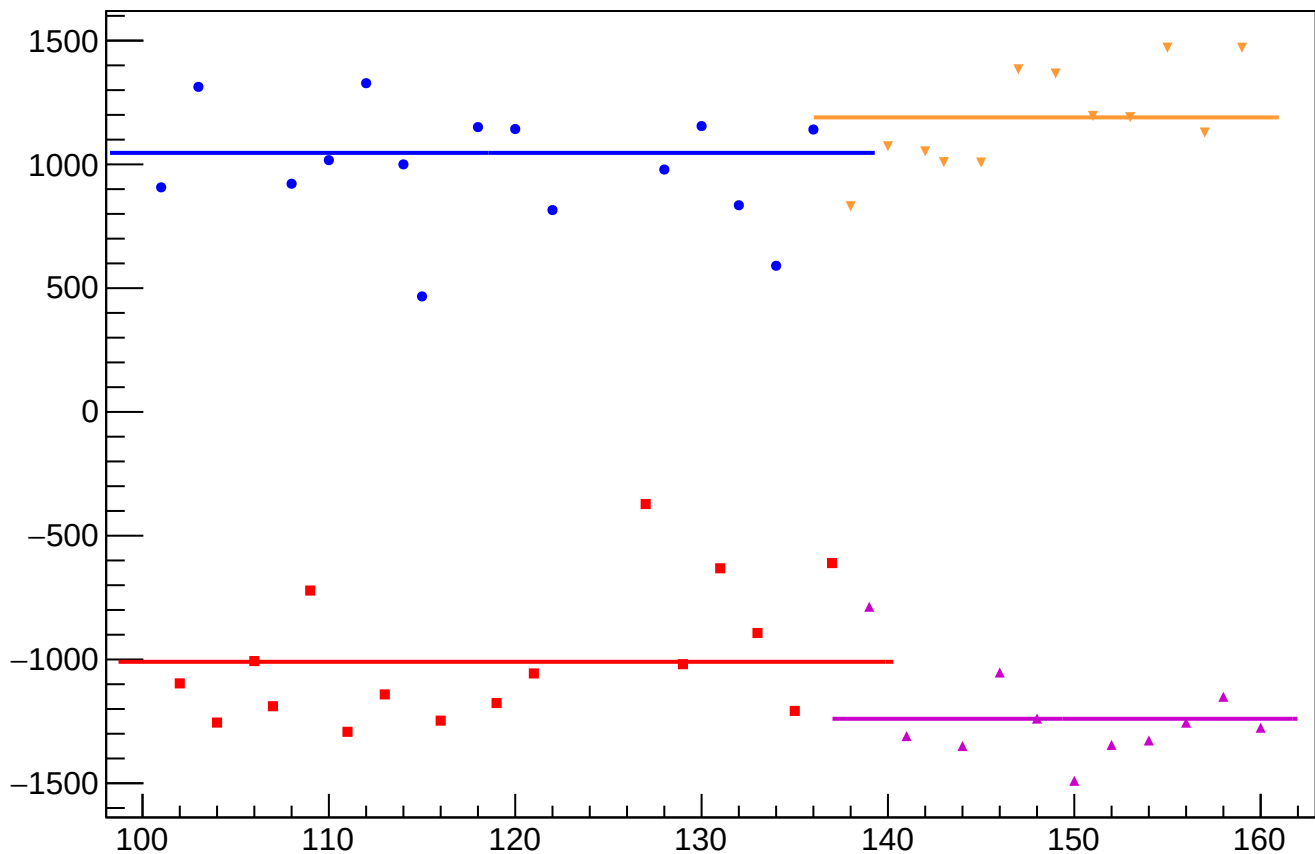
All: 5.190+/-0.000 χ^2/NDF : 53473803996129

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



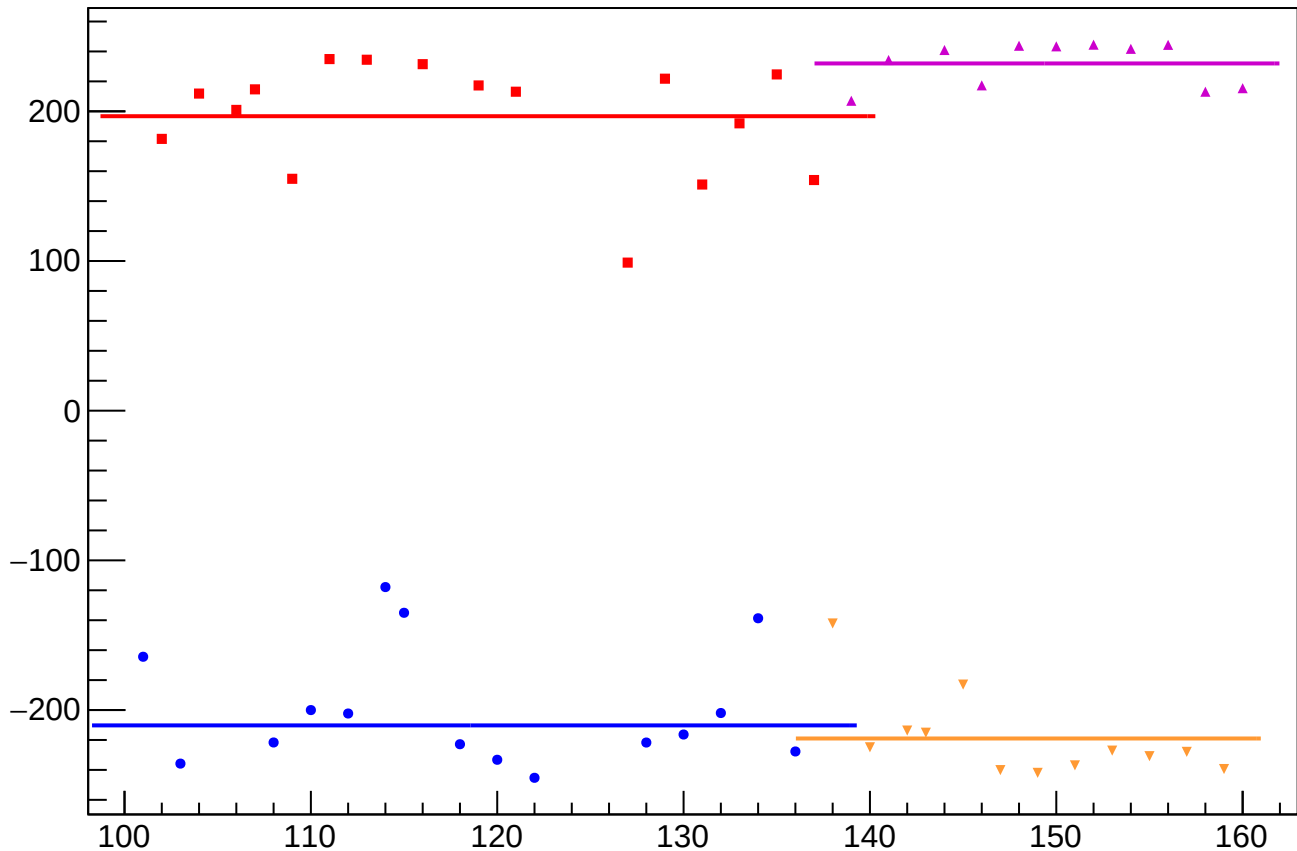
Right In: 4.959 ± 0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14
 Left Out: 6.806 ± 0.000 χ^2/NDF : 5243464744446974431083540143669248.0/11
 Right Out: -4.429 ± 0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15
 Left In: -6.978 ± 0.000 χ^2/NDF : 5622697014277754941158413236699136.0/10
 All: 0.018 ± 0.000 χ^2/NDF : 14620684457738

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: -210.261+/-0.000

Left Out: -219.010+/-0.000

Right Out: 196.736+/-0.000

Left In: 231.985+/-0.000

χ^2/NDF : 567711076568068409192467700494893056.0/14

χ^2/NDF : 731132234342099268900131615977504768.0/11

χ^2/NDF : 909588895093044840633640514790359040.0/15

χ^2/NDF : 182992027280401463139065105290887168.0/10

Left: 7.345+/-0.000 χ^2/NDF : 945260450334223642

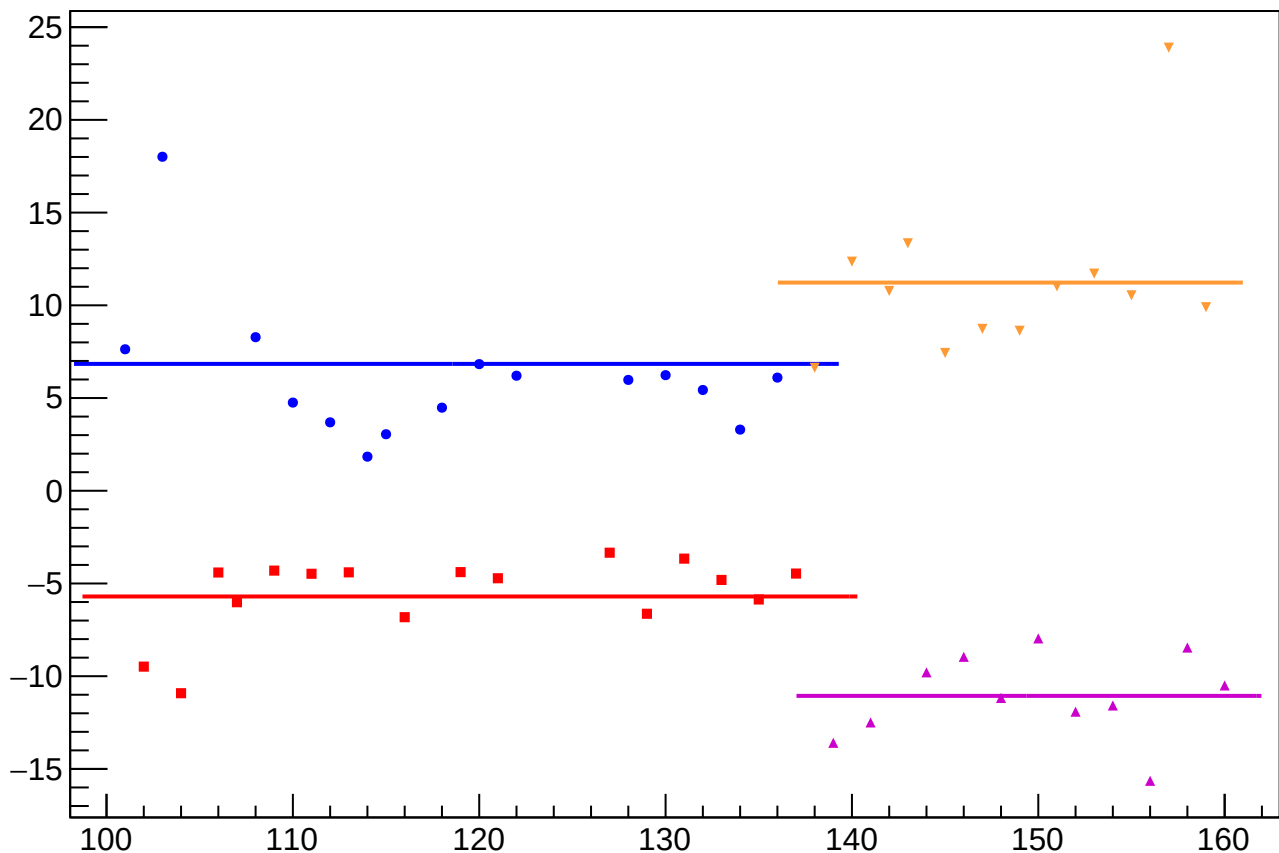
Right: -3.979+/-0.000 χ^2/NDF : 5596508618889263

In: 49.520+/-0.000 χ^2/NDF : 753125513421150554

Out: -43.945+/-0.000 χ^2/NDF : 6838245163544745

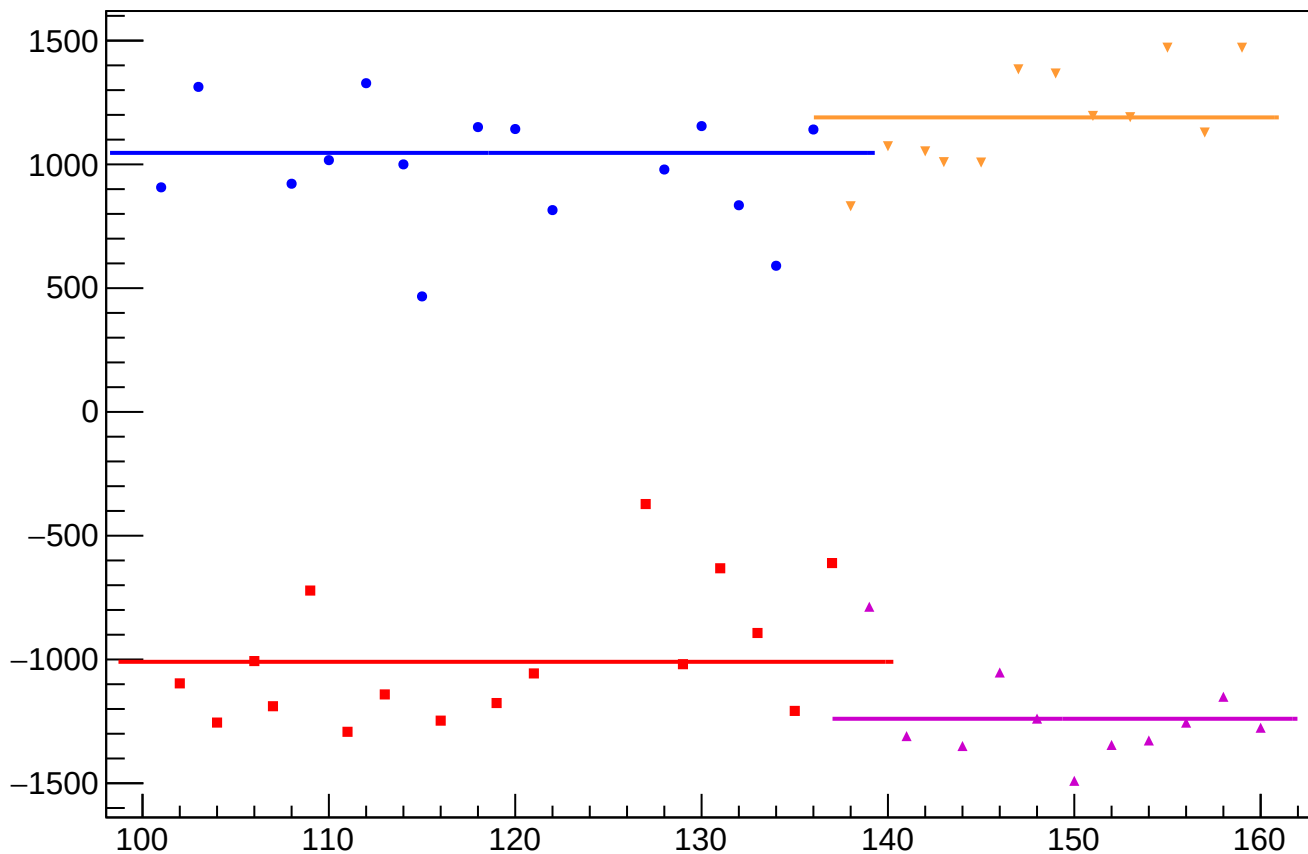
All: 2.624+/-0.000 χ^2/NDF : 15058953843996

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



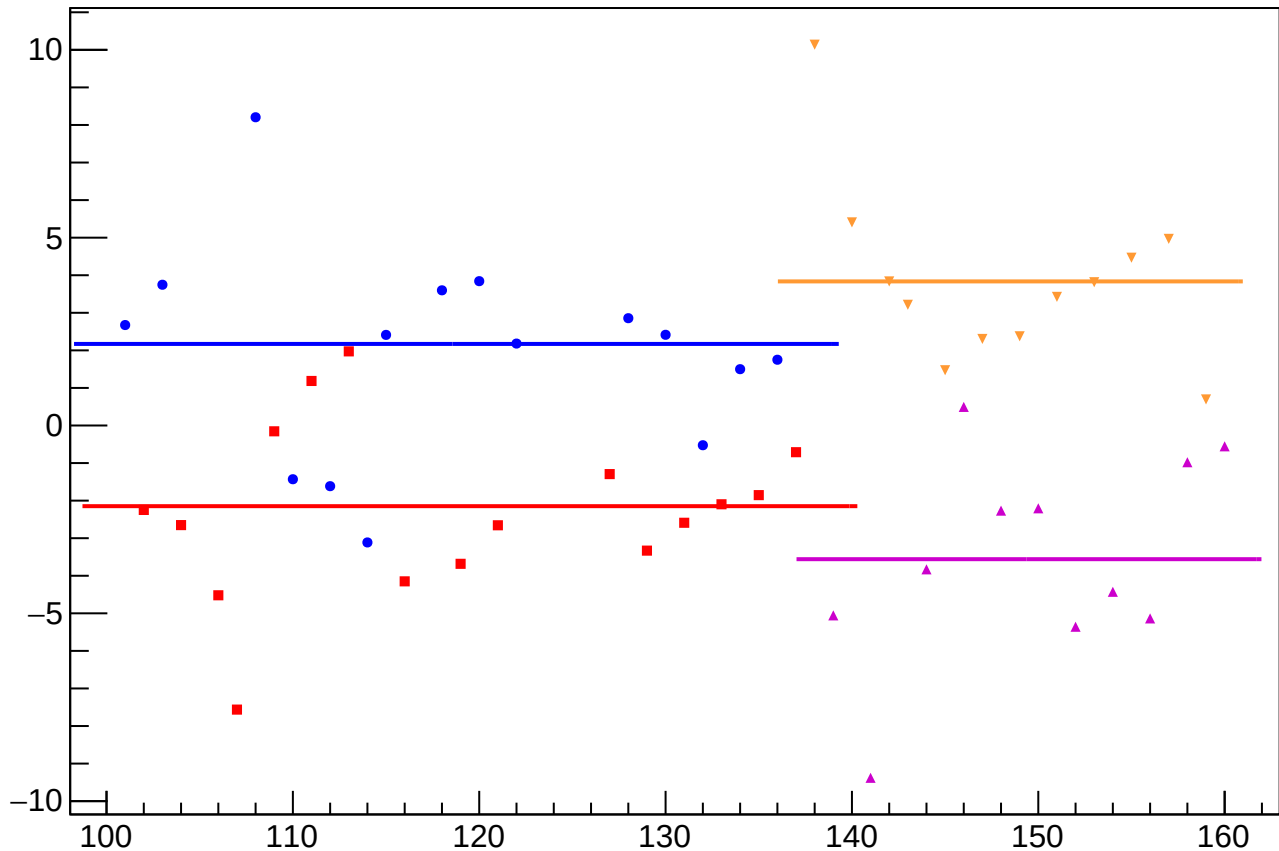
Right In: 6.842 ± 0.000 $\chi^2/\text{NDF}: 9355934166823324467316647620771840.0/14$
 Left Out: 11.226 ± 0.000 $\chi^2/\text{NDF}: 17157831728505810554543577208193024.0/11$
 Right Out: -5.701 ± 0.000 $\chi^2/\text{NDF}: 3174693398300953393137731791486976.0/15$
 Left In: -11.061 ± 0.000 $\chi^2/\text{NDF}: 4417559387784954400311933713514496.0/10$
 All: 0.225 ± 0.000 $\chi^2/\text{NDF}: 31461560120365$

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



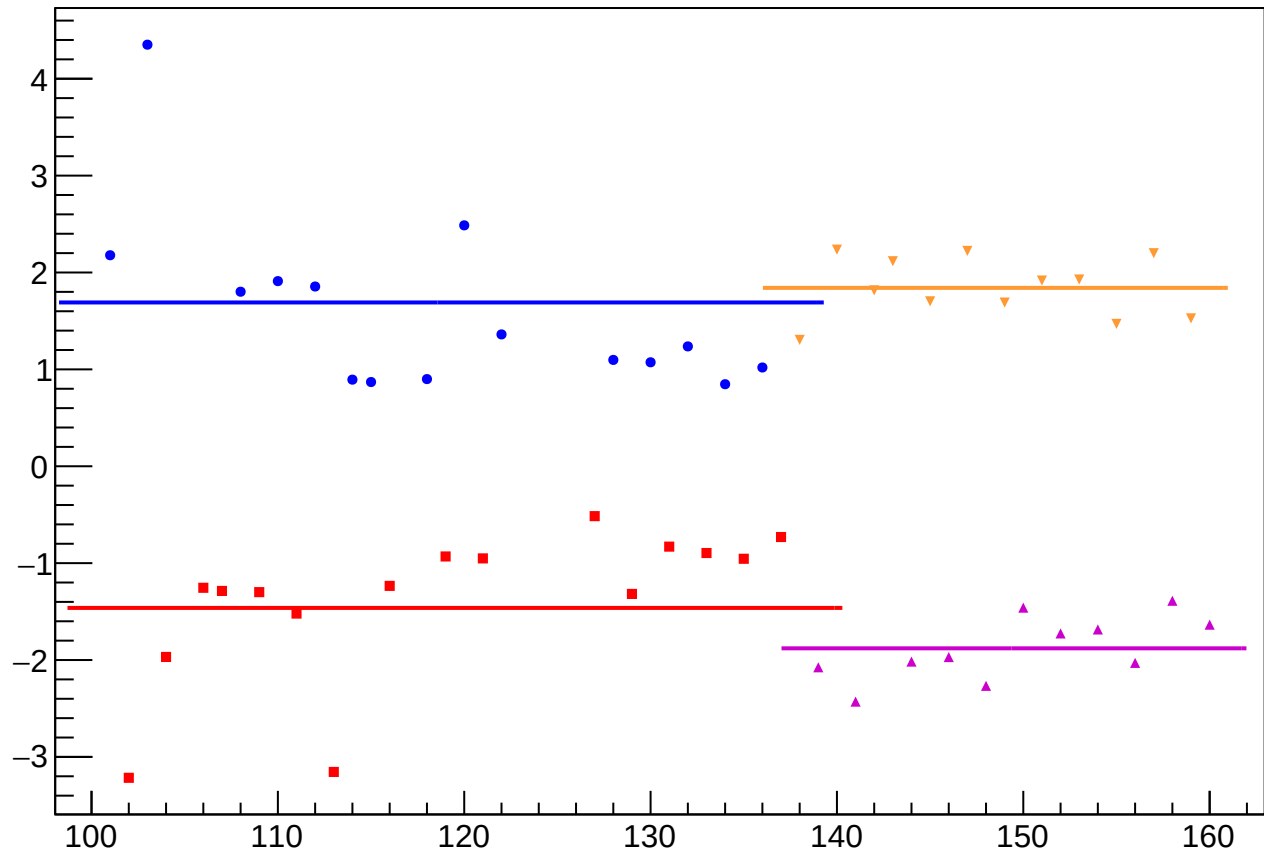
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_4aY_coil1_mean vs Slug, Sign Corrected



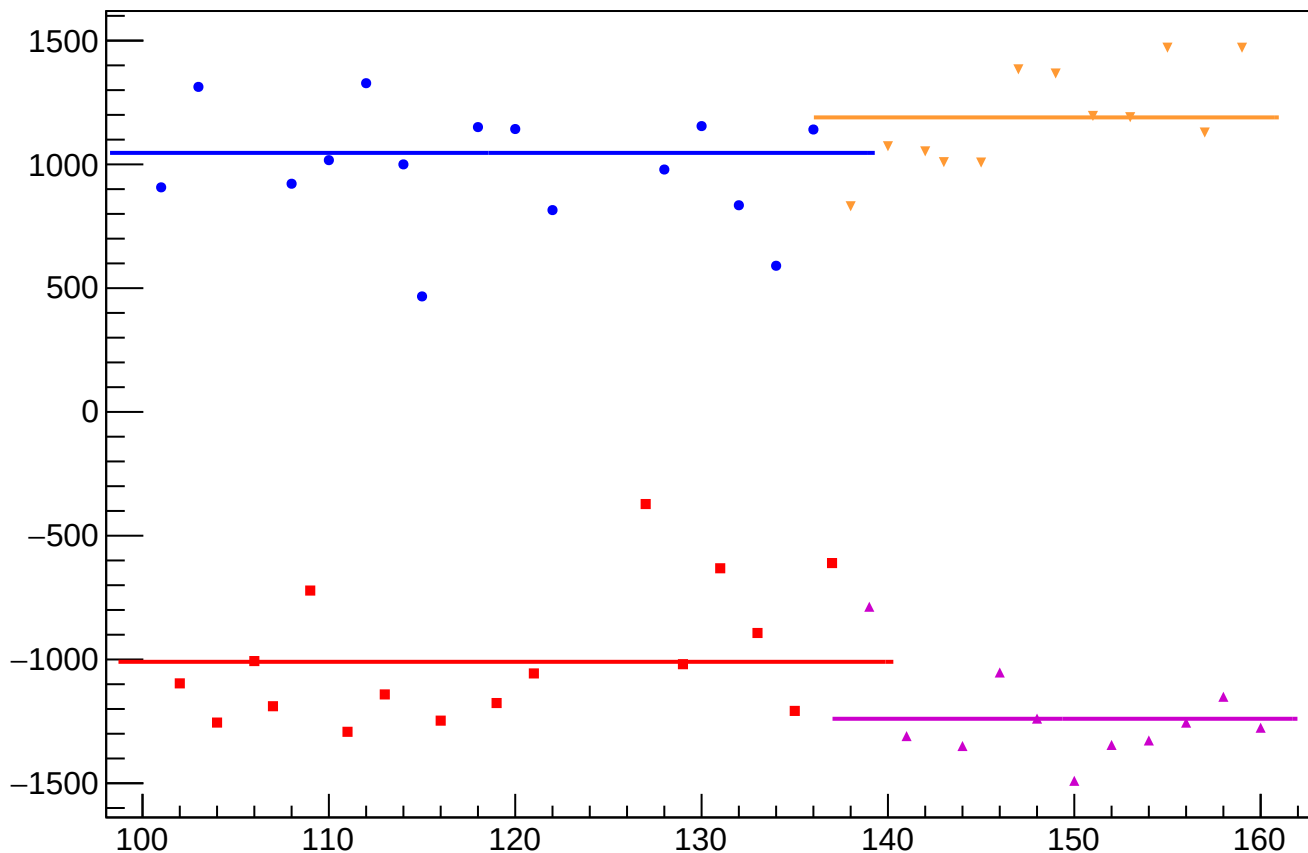
Right In: 2.171 ± 0.000 $\chi^2/\text{NDF}: 3599819246909975678410499691642880.0/14$
 Left Out: 3.836 ± 0.000 $\chi^2/\text{NDF}: 5077142493205652960507998024761344.0/11$
 Right Out: -2.148 ± 0.000 $\chi^2/\text{NDF}: 3093887336239378959606321931878400.0/15$
 Left In: -3.559 ± 0.000 $\chi^2/\text{NDF}: 6492667345109962540652165758713856.0/10$
 All: 0.065 ± 0.000 $\chi^2/\text{NDF}: 49580185469382$

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



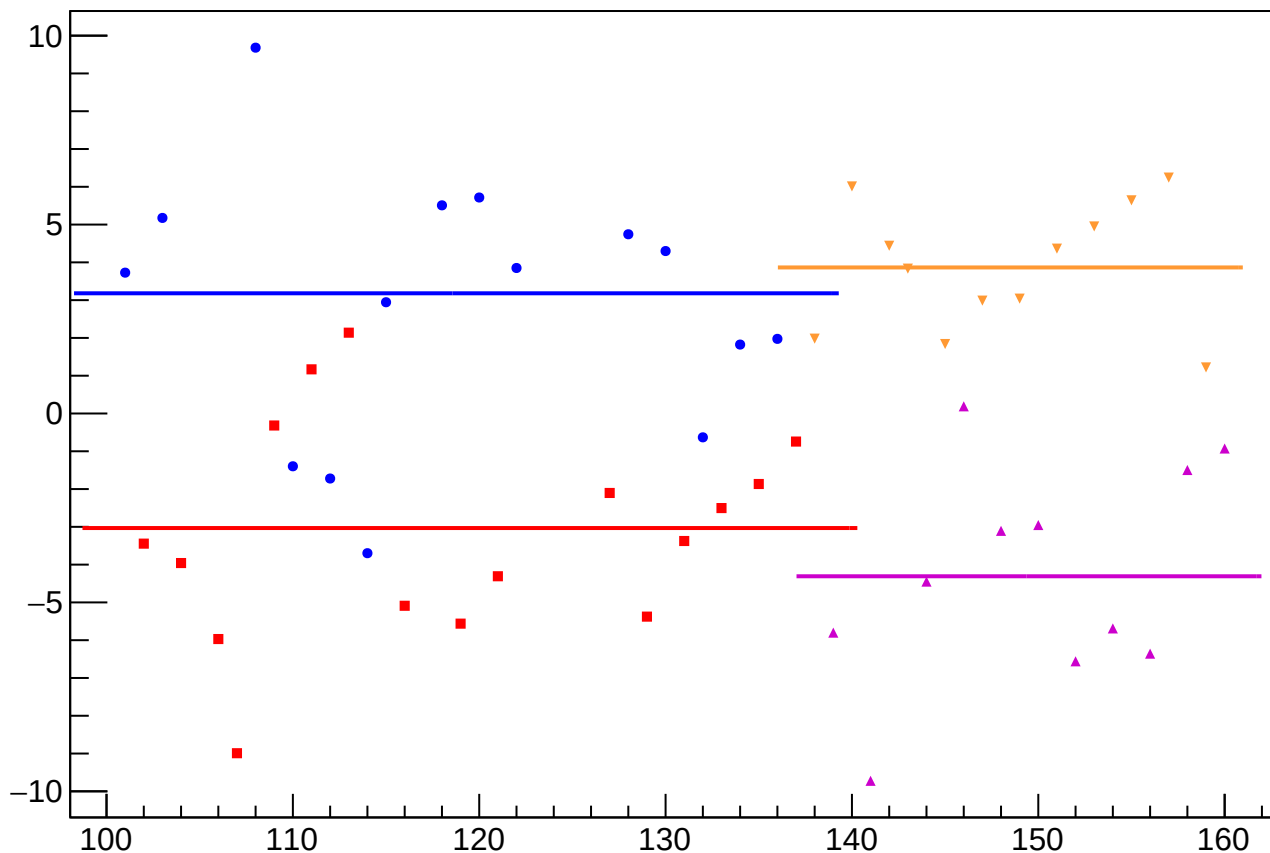
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.841+/-0.000 χ^2/NDF : 85338663213371601399207847526400.0/11
 Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: -1.879+/-0.000 χ^2/NDF : 90968052268112309617342982127616.0/10
 All: 0.024+/-0.000 χ^2/NDF : 10884931871335

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



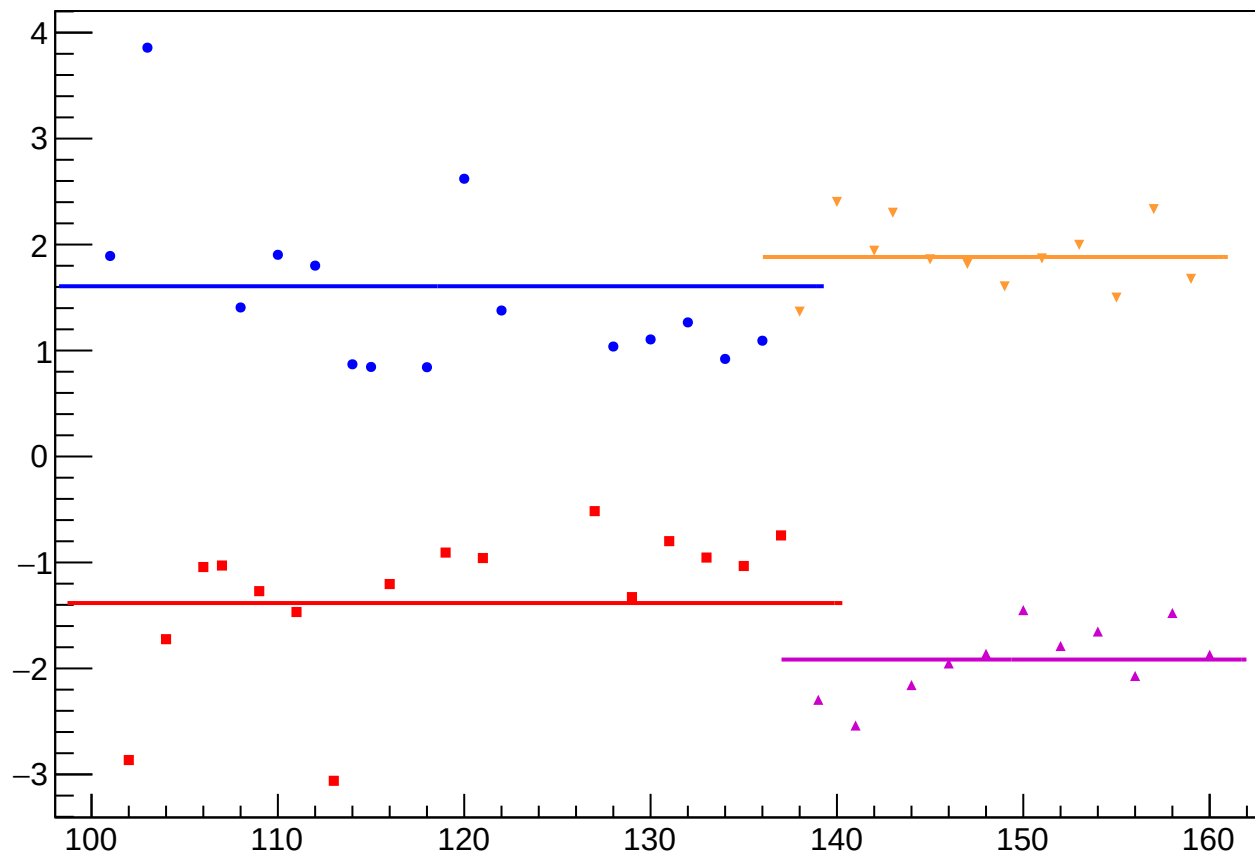
Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821 +/- 0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553 +/- 0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334 +/- 0.000 χ^2/NDF : 424162911952

dit_4eY_coil1_mean vs Slug, Sign Corrected



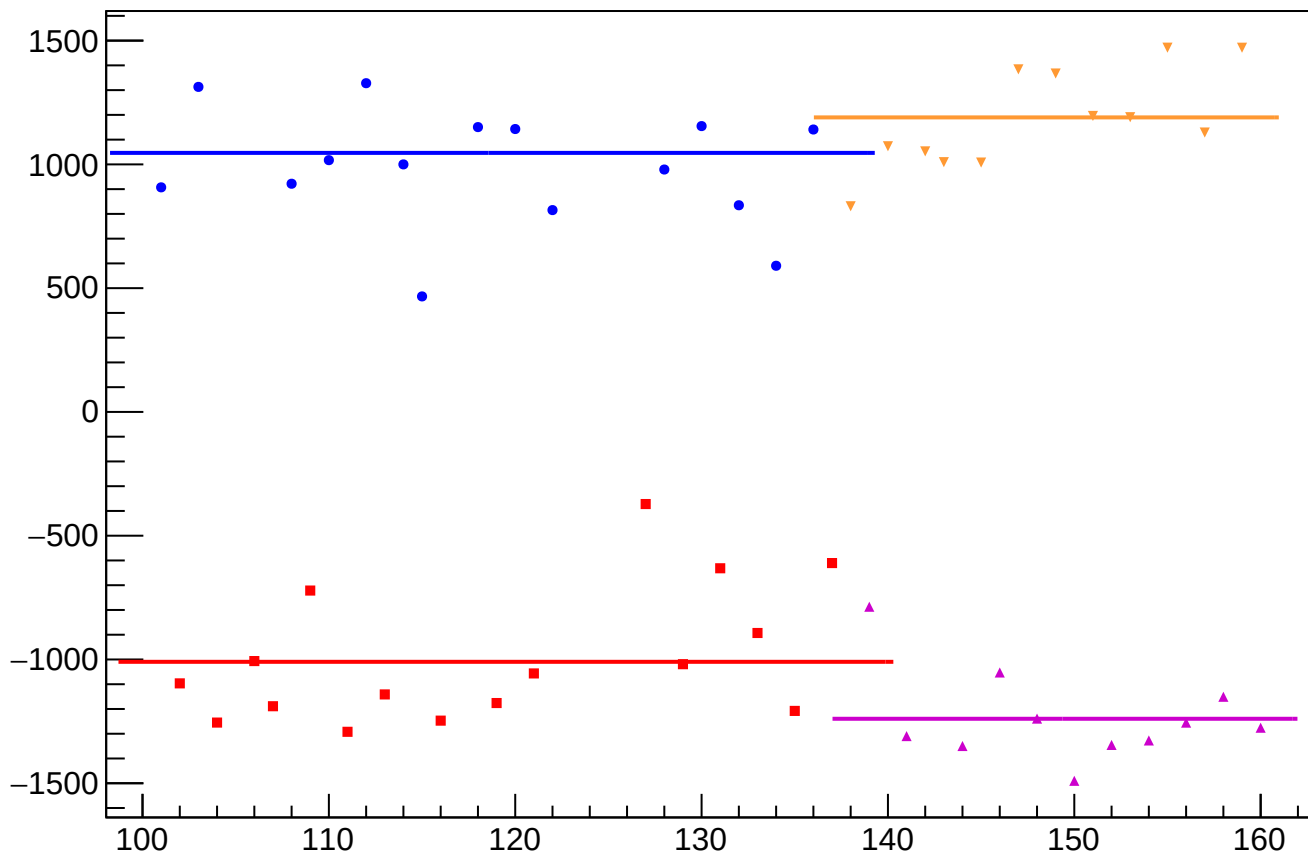
Right In: 3.181 ± 0.000 $\chi^2/\text{NDF}: 5833303227868252617704566394191872.0/14$
 Left Out: 3.865 ± 0.000 $\chi^2/\text{NDF}: 2498021792424542817214204578103296.0/11$
 Right Out: -3.032 ± 0.000 $\chi^2/\text{NDF}: 4937209831371793945496546833334272.0/15$
 Left In: -4.308 ± 0.000 $\chi^2/\text{NDF}: 7073495667694280351803168107003904.0/10$
 All: -0.125 ± 0.000 $\chi^2/\text{NDF}: 6384378527742$

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



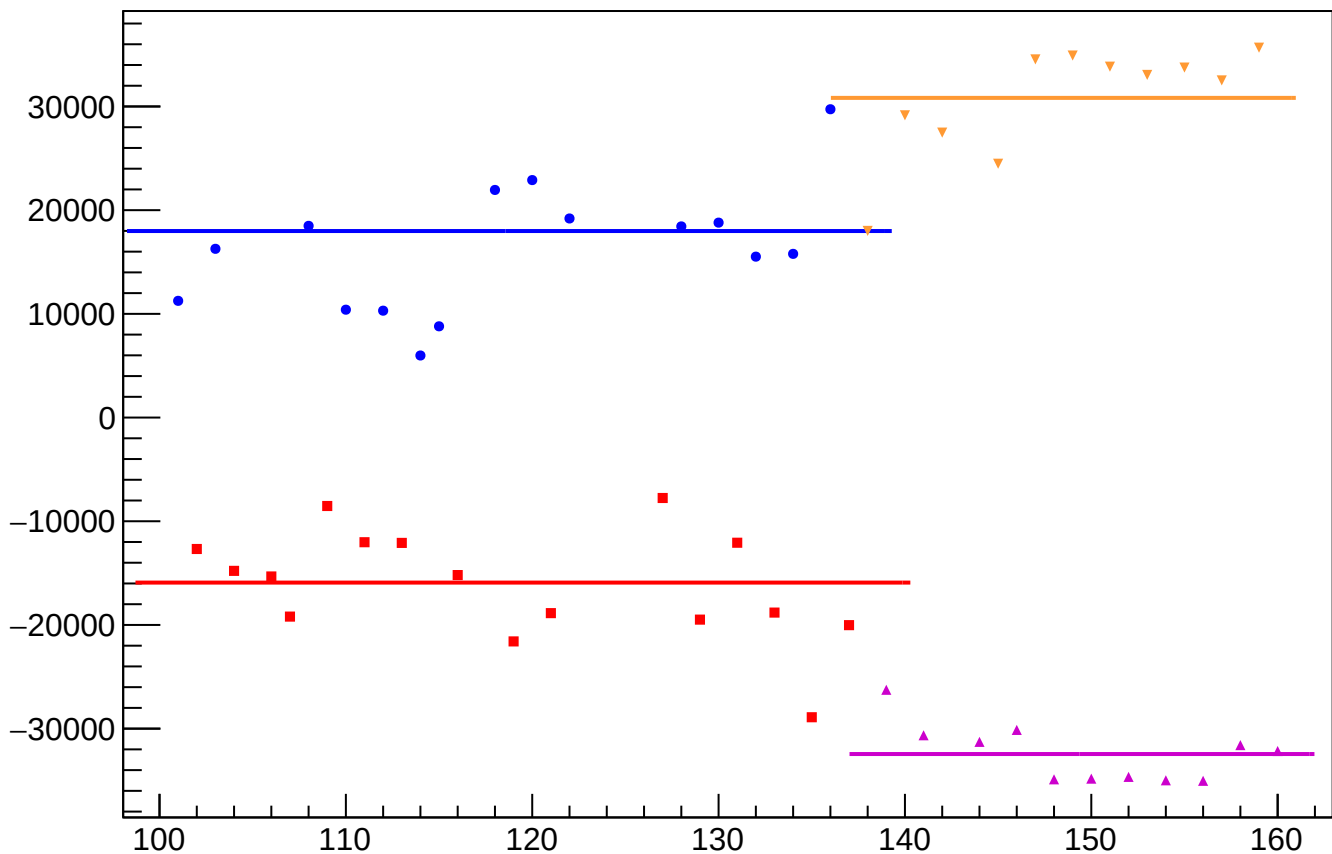
Right In: 1.607 ± 0.000 $\chi^2/\text{NDF}: 460949628640148184181205735833600.0/14$
 Left Out: 1.883 ± 0.000 $\chi^2/\text{NDF}: 93981074591902245168022313500672.0/11$
 Right Out: -1.383 ± 0.000 $\chi^2/\text{NDF}: 358348897016286200957650337792000.0/15$
 Left In: -1.916 ± 0.000 $\chi^2/\text{NDF}: 95276515809016209875699691945984.0/10$
 All: 0.024 ± 0.000 $\chi^2/\text{NDF}: 10600135910975$

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17988.185+/-0.000

χ^2/NDF : 24815111809984217103544001237552952508416.0/14

Left Out: 30828.996+/-0.000

χ^2/NDF : 23225941804061934913195205321671126810624.0/10

Right Out: -15915.227+/-0.000

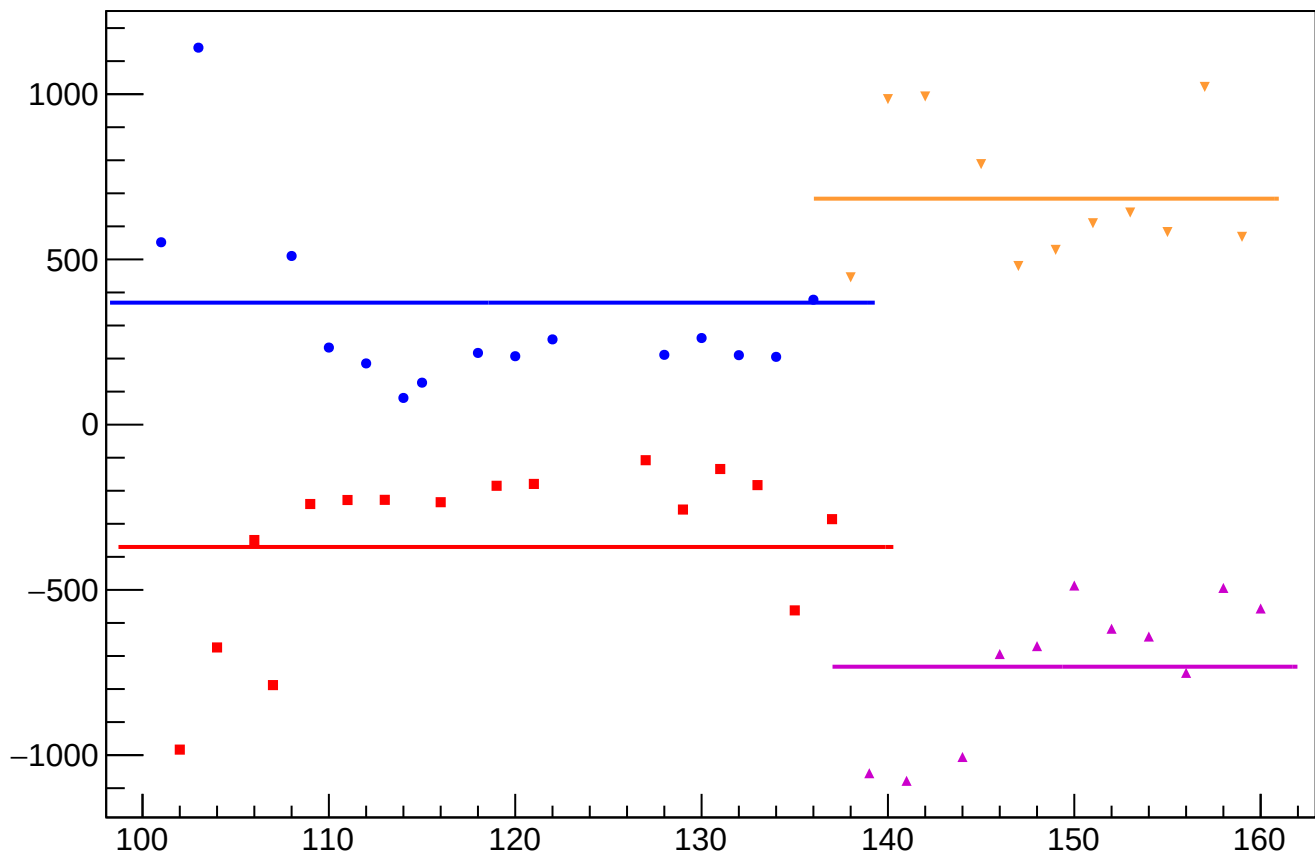
χ^2/NDF : 19954189674705952707042287416087223992320.0/15

Left In: -32448.675+/-0.000

χ^2/NDF : 6566176061380629796456552080625585094656.0/10

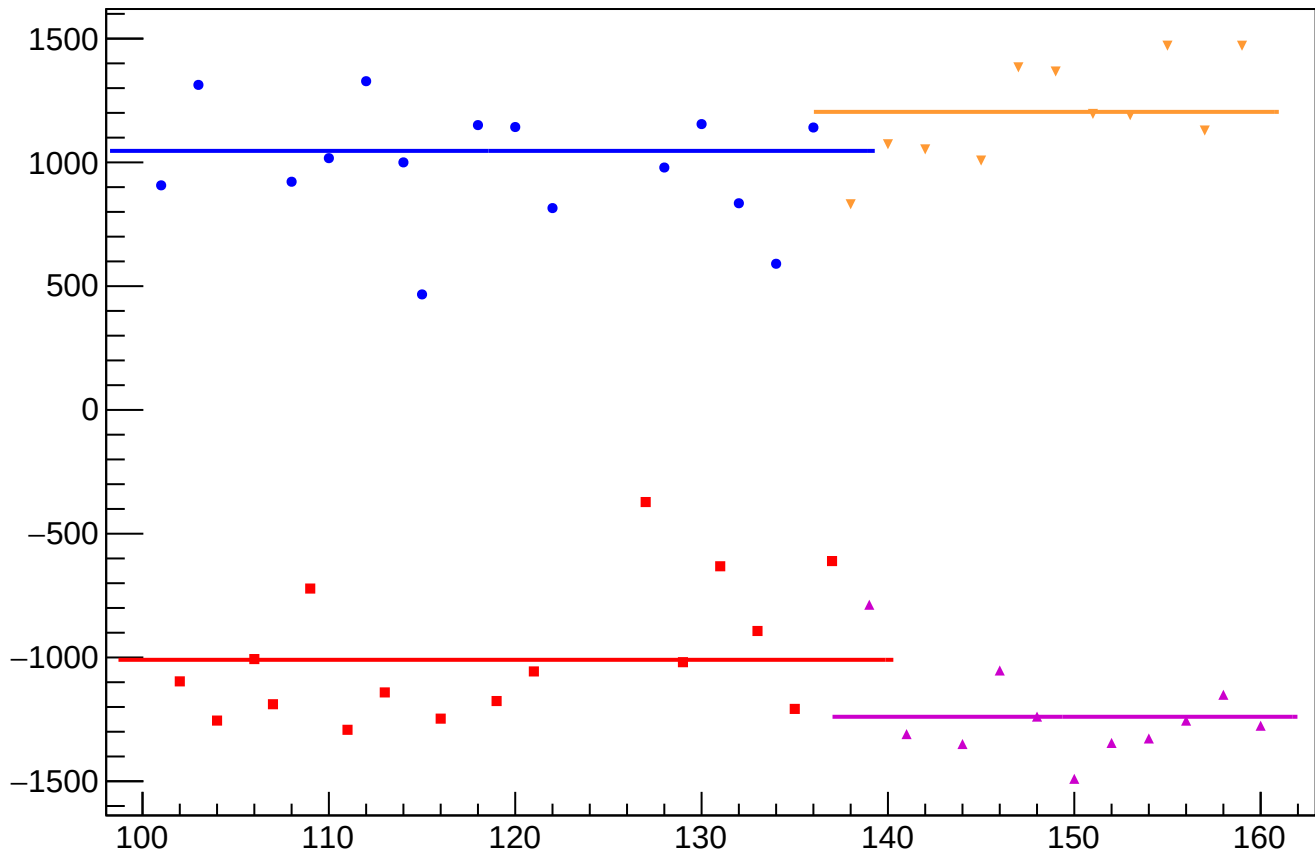
All: -879.953+/-0.000 χ^2/NDF : 22318740534

dit_usl_coil1_err_mean vs Slug, Sign Corrected



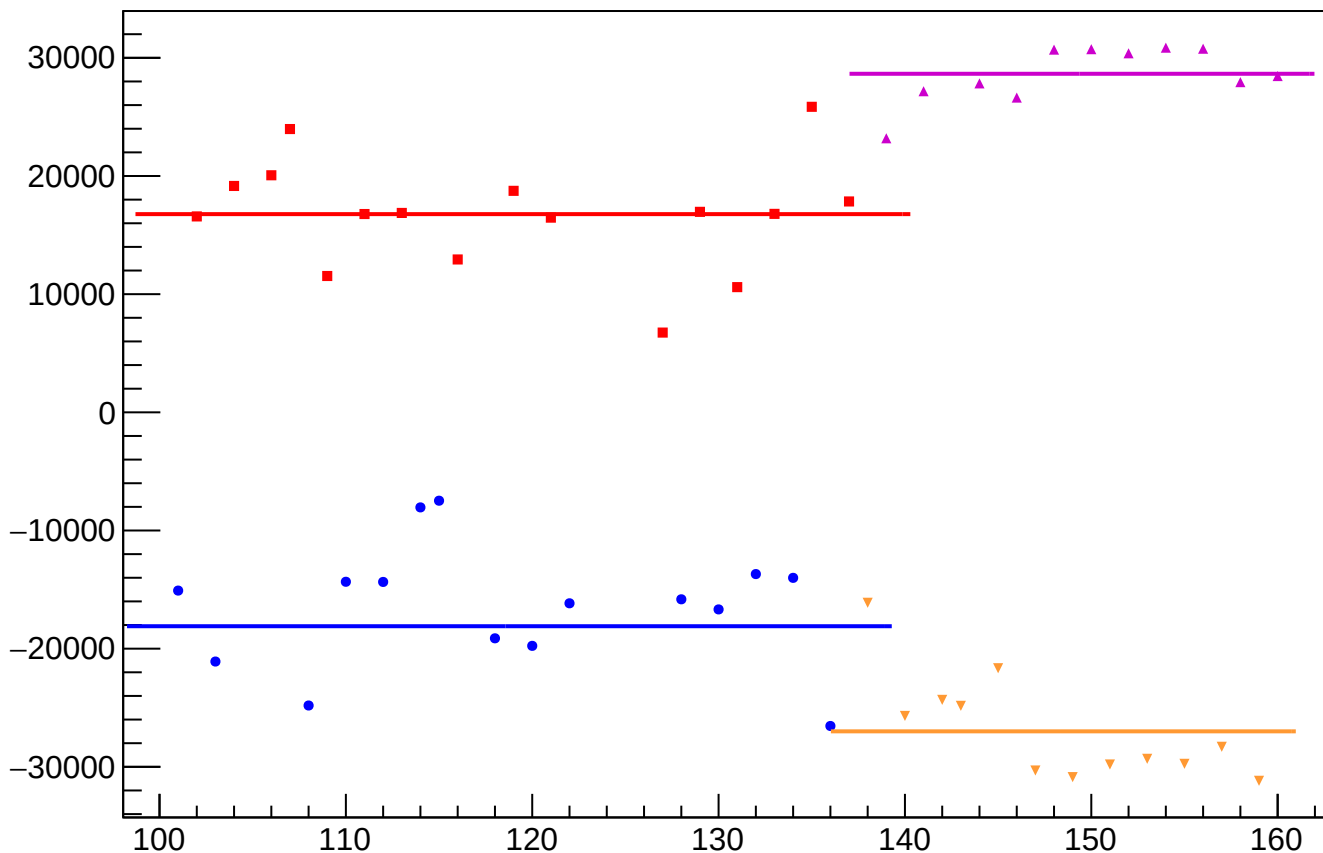
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 683.818+/-0.000 χ^2/NDF : 33889213327859325358647069977975193600.0/10
 Right Out: -370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: -732.414+/-0.000 χ^2/NDF : 39942105840529115736569596950263889920.0/10
 All: -33.257+/-0.000 χ^2/NDF : 123961521761

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 1204.078 ± 0.000 $\chi^2/\text{NDF}: 33123375714267646220347434218144399360.0/10$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -1239.553 ± 0.000 $\chi^2/\text{NDF}: 29116180330425505242594030704390045696.0/10$
 All: -37.543 ± 0.000 $\chi^2/\text{NDF}: 416981067496$

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000

Left Out: -26996.716+/-0.000

Right Out: 16773.604+/-0.000

Left In: 28650.410+/-0.000

χ^2/NDF : 14634967546173586967632040765428699496448.0/14

χ^2/NDF : 17646333216214404420096394486681509560320.0/11

χ^2/NDF : 14234547931135812277474342886568366178304.0/15

χ^2/NDF : 4838827535981080826725947474344765554688.0/10

Left: 932.640+/-0.000 χ^2/NDF : 1447675891071353

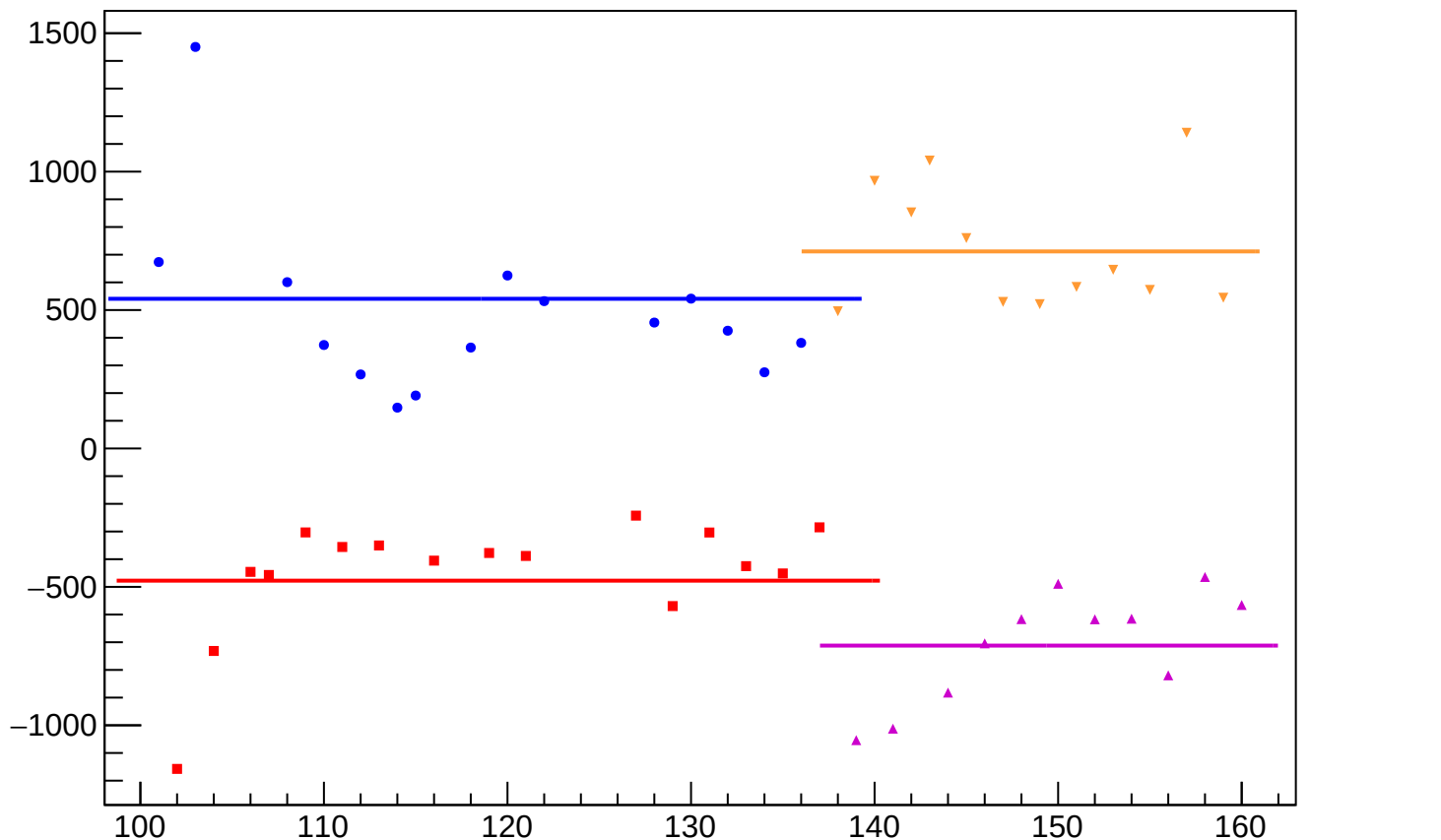
Right: -425.015+/-0.000 χ^2/NDF : 42892863582613

In: 9361.516+/-0.000 χ^2/NDF : 8527147862381255

Out: -8565.653+/-0.000 χ^2/NDF : 77165550758849

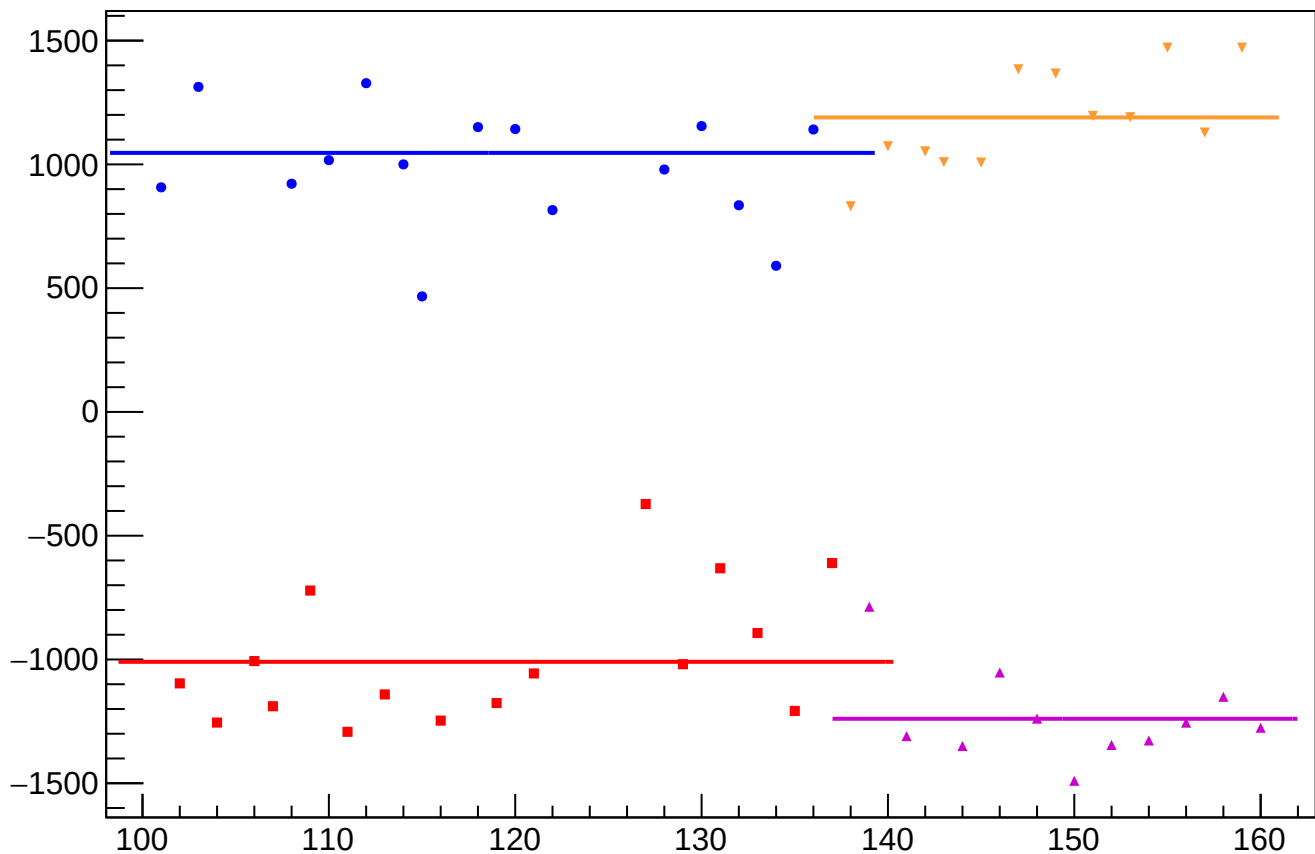
All: 366.700+/-0.000 χ^2/NDF : 187801906256

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Left: -2.848 ± 0.000 $\chi^2/\text{NDF}: 10101220835843143$
 Right In: 540.663 ± 0.000 $\chi^2/\text{NDF}: 64546819695986774721678785082975846400.0/14$
 Left Out: 711.811 ± 0.000 $\chi^2/\text{NDF}: 4288675510353598988278439443042402304.0/11$
 Right Out: -477.546 ± 0.000 $\chi^2/\text{NDF}: 38798306504296954461537116809760604160.0/15$
 Left In: -712.092 ± 0.000 $\chi^2/\text{NDF}: 34092045920503284936427855101460217856.0/10$
 All: 8.592 ± 0.000 $\chi^2/\text{NDF}: 14550717865096$

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000

χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: -1009.445+/-0.000

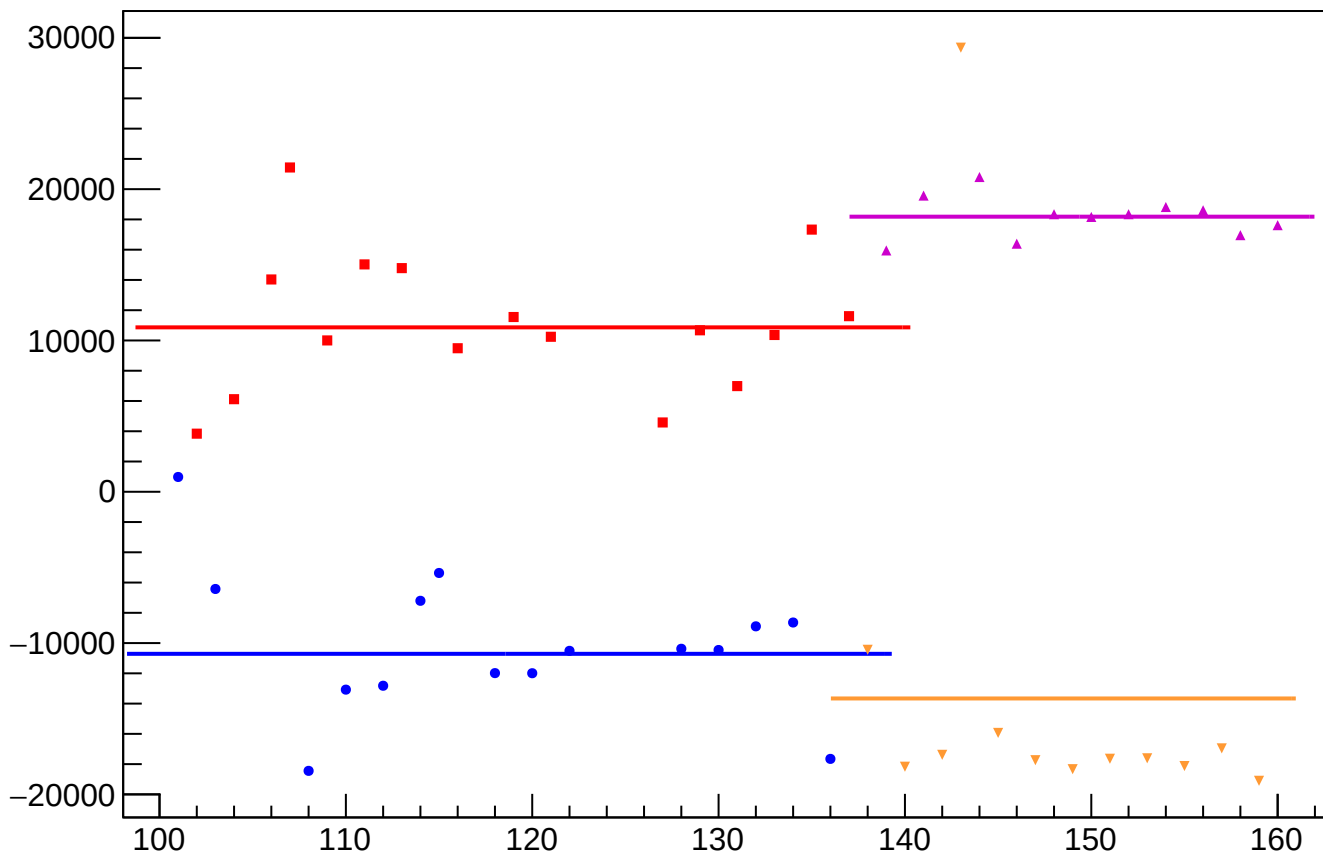
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1239.553+/-0.000

χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292 +/- 0.000

Left: 2320.964 +/- 0.000 χ^2/NDF : 60629172397315

Left Out: -13660.650 +/- 0.000

Right: 225.546 +/- 0.000 χ^2/NDF : 184316555733630

Right Out: 10866.264 +/- 0.000

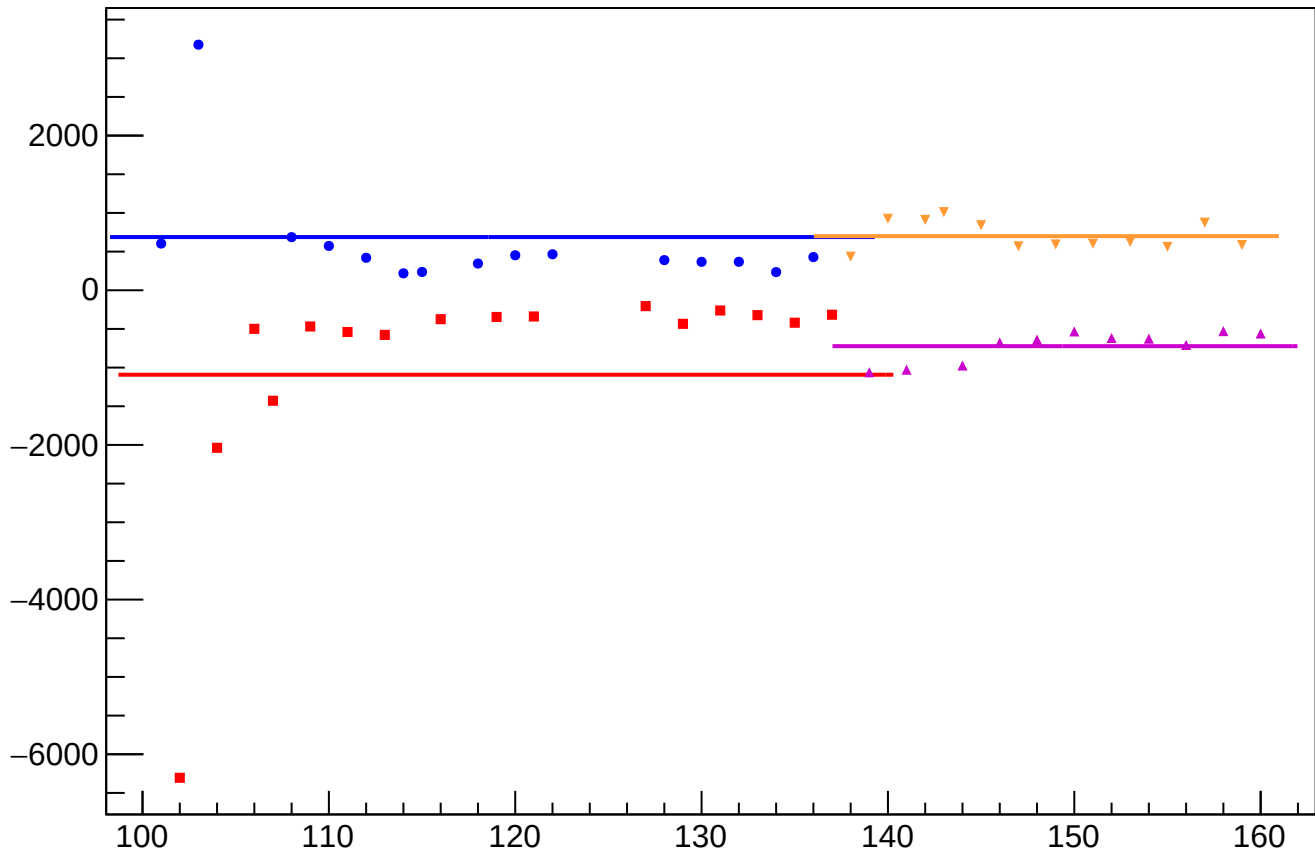
In: 6261.113 +/- 0.000 χ^2/NDF : 336815857232803

Left In: 18181.504 +/- 0.000

Out: -3332.713 +/- 0.000 χ^2/NDF : 38451914020075

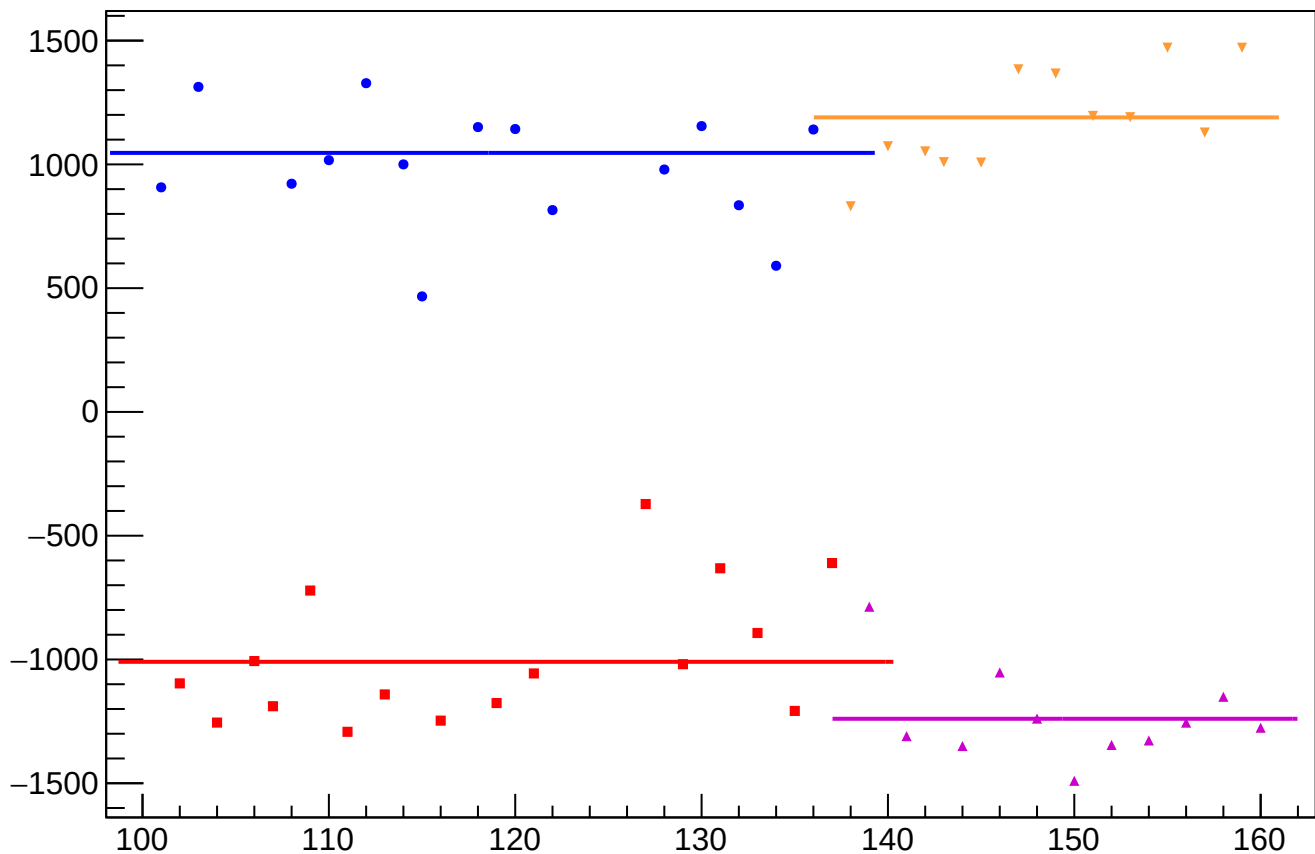
All: 1447.486 +/- 0.000 χ^2/NDF : 7939778643

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



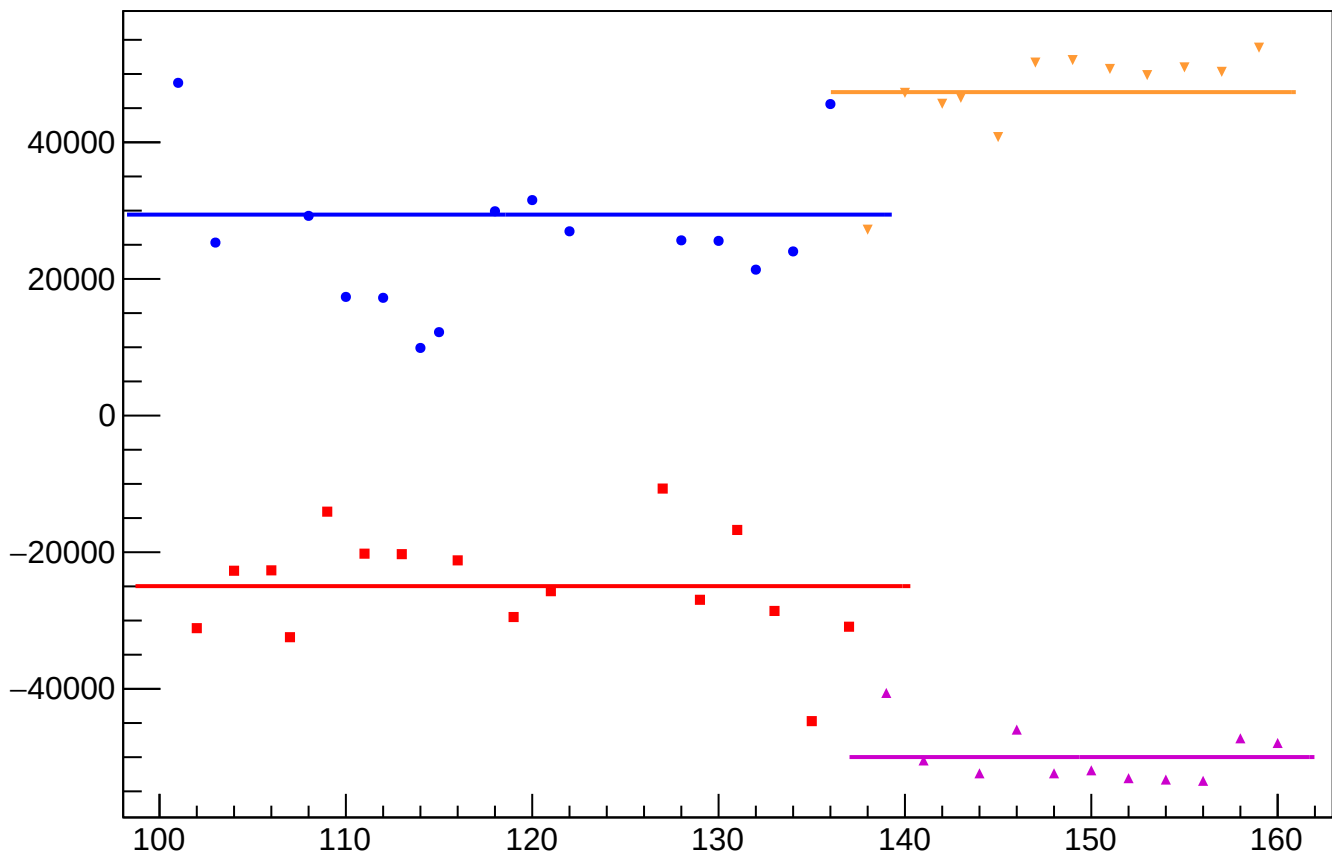
Right In: 687.939 ± 0.000 $\chi^2/\text{NDF}: 409297141104301509817753390759024787456.0/14$
 Left Out: 699.529 ± 0.000 $\chi^2/\text{NDF}: 28282813130903909256088396264464449536.0/11$
 Right Out: -1092.265 ± 0.000 $\chi^2/\text{NDF}: 1883198142929605813456233812946948456448.0/15$
 Left In: -722.743 ± 0.000 $\chi^2/\text{NDF}: 33693137116513948077860330410535288832.0/10$
 All: -97.692 ± 0.000 $\chi^2/\text{NDF}: 435863069477$

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 1189.821 ± 0.000 $\chi^2/\text{NDF}: 35487872642876563282140008444600516608.0/11$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -1239.553 ± 0.000 $\chi^2/\text{NDF}: 29116180330425505242594030704390045696.0/10$
 All: -15.334 ± 0.000 $\chi^2/\text{NDF}: 424162911952$

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830+/-0.000

χ^2/NDF : 71764989638928082906774979753894809174016.0/14

Left Out: 47346.512+/-0.000

χ^2/NDF : 45161873845138471299889685507142267699200.0/11

Right Out: -24963.010+/-0.000

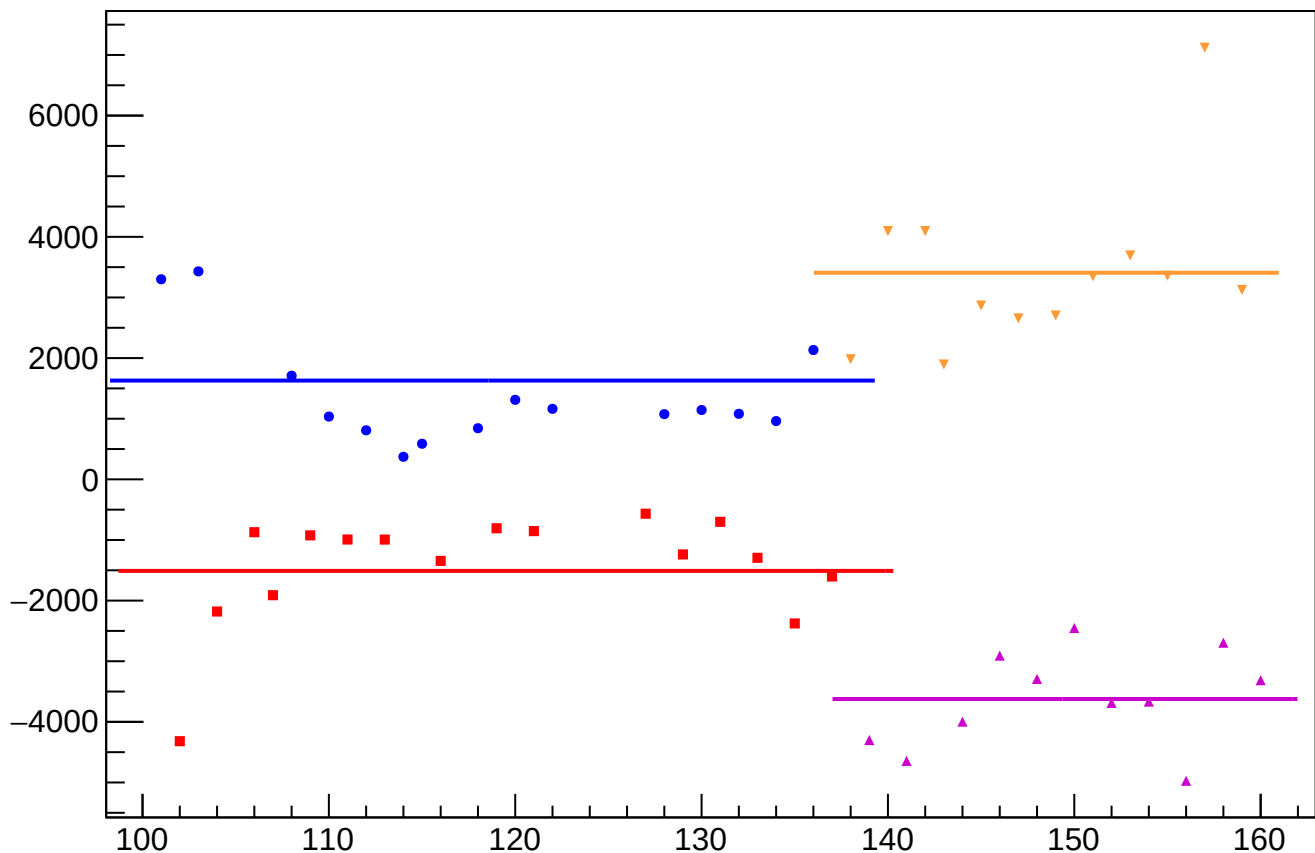
χ^2/NDF : 45631572920122171972835961685494315614208.0/15

Left In: -49982.063+/-0.000

χ^2/NDF : 13505821019305603846121121344717970210816.0/10

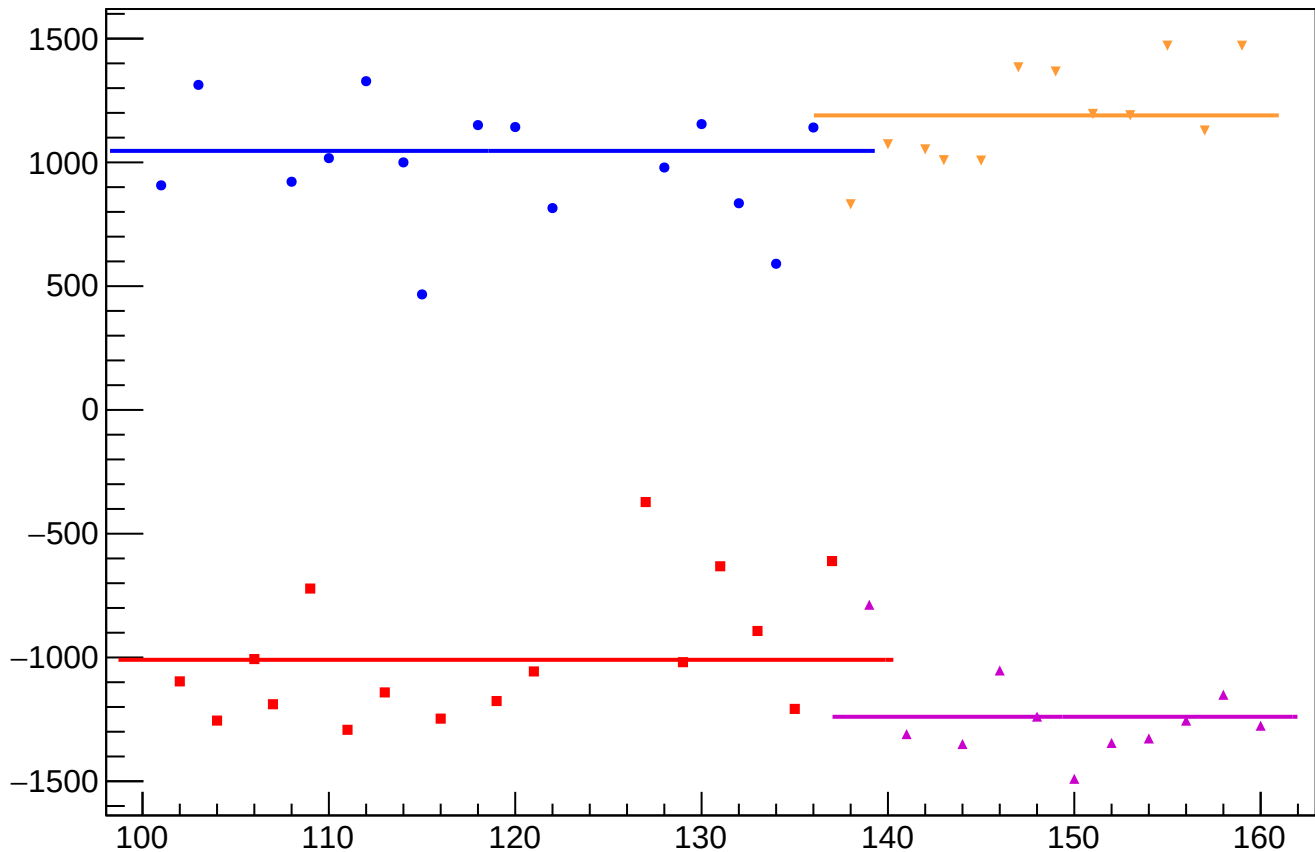
All: -103.303+/-0.000 χ^2/NDF : 55172213672

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 3407.741 $\pm$ 0.000 χ^2 /NDF: 1584870057929033939797166763050451075072.0/11
 Right Out: -1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: -3623.095 $\pm$ 0.000 χ^2 /NDF: 537714450371269509719141411292840984576.0/10
 All: -54.683 $\pm$ 0.000 χ^2 /NDF: 293759152191

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000

χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: -1009.445+/-0.000

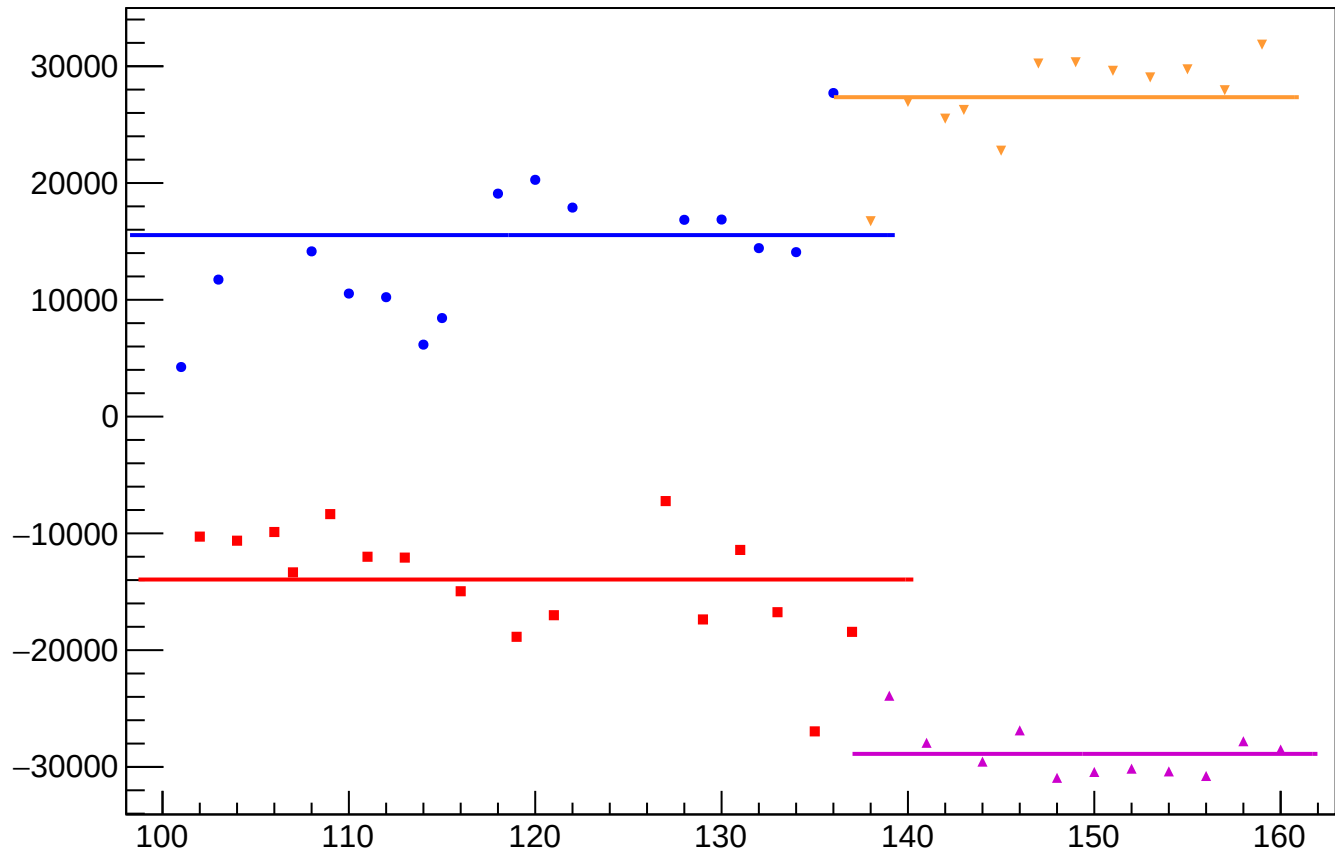
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1239.553+/-0.000

χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787+/-0.000

χ^2/NDF : 27383635886523601832377795383509714468864.0/14

Left Out: 27349.847+/-0.000

χ^2/NDF : 14883456917386062267776172319393710080000.0/11

Right Out: -13951.799+/-0.000

χ^2/NDF : 16954071035739584664612813430748100952064.0/15

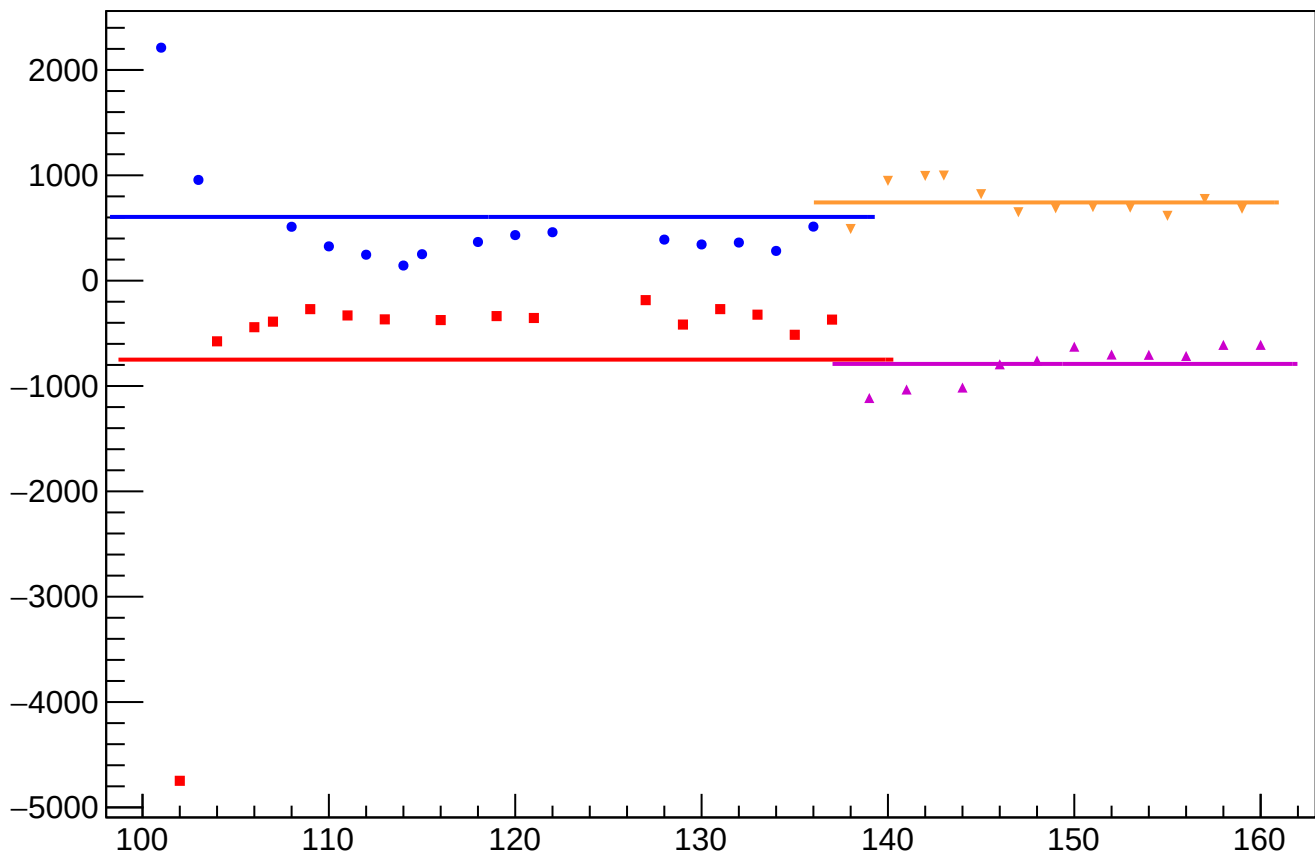
Left In: -28881.771+/-0.000

χ^2/NDF : 3761764043421234560623243625754374701056.0/10

All: -261.903+/-0.000

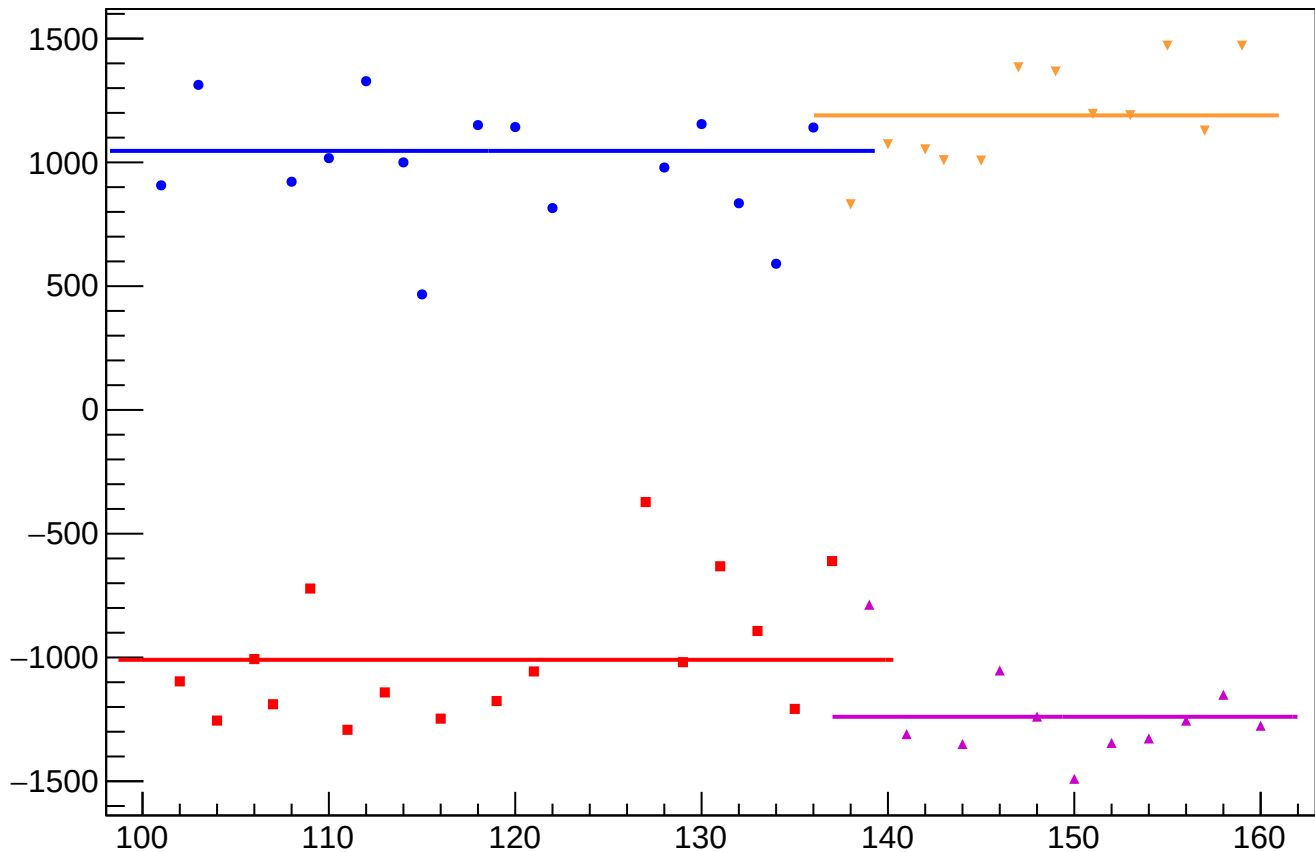
χ^2/NDF : 18060333909

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



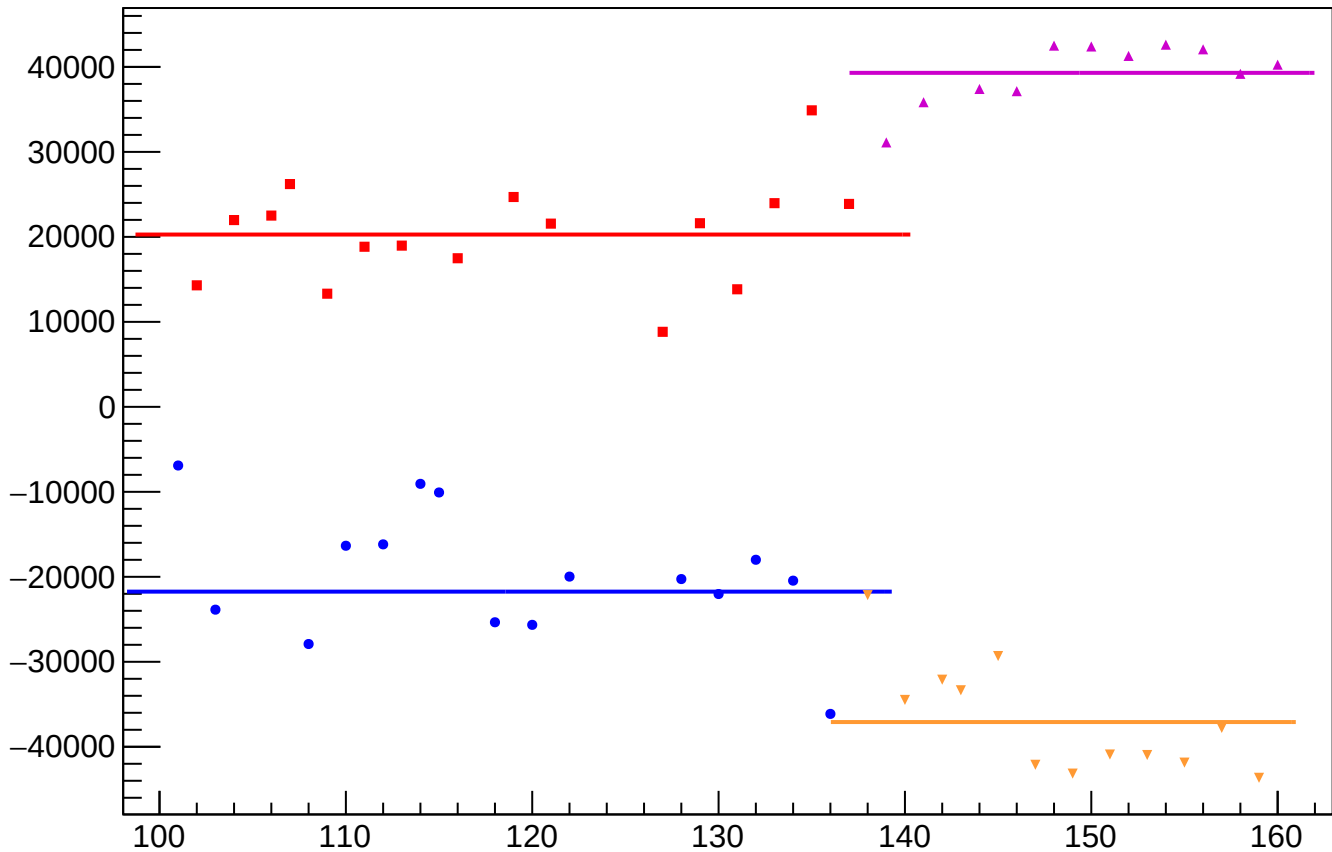
Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14
 Left Out: 742.547+/-0.000 χ^2/NDF : 19133072840660474437485049781053030400.0/11
 Right Out: -749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15
 Left In: -790.283+/-0.000 χ^2/NDF : 27375995163011560101349166949437800448.0/10
 All: -49.607+/-0.000 χ^2/NDF : 294454152400

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: -21743.360+/-0.000

Left Out: -37089.024+/-0.000

Right Out: 20275.415+/-0.000

Left In: 39301.203+/-0.000

χ^2/NDF : 41106858823579527325198675675398793068544.0/14

χ^2/NDF : 37696615174692315635920208068597564571648.0/11

χ^2/NDF : 25935869132092920231681532417627320745984.0/15

χ^2/NDF : 10890557195828480655850873156116452212736.0/10

Left: 1251.318+/-0.000 χ^2/NDF : 273432195857747

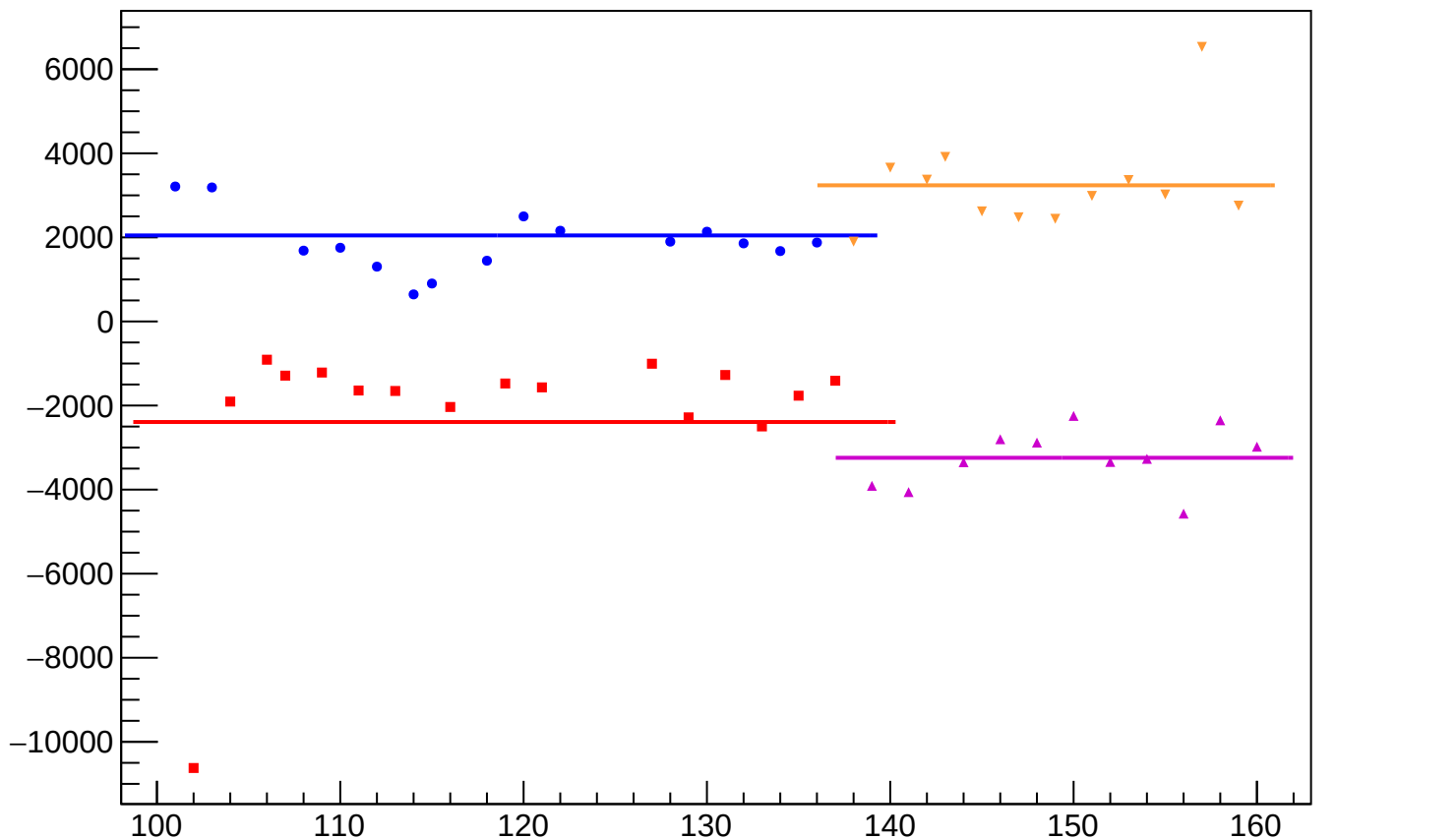
Right: -446.610+/-0.000 χ^2/NDF : 64780902874572

In: 14114.985+/-0.000 χ^2/NDF : 147263048816292

Out: -12933.670+/-0.000 χ^2/NDF : 1334281188451

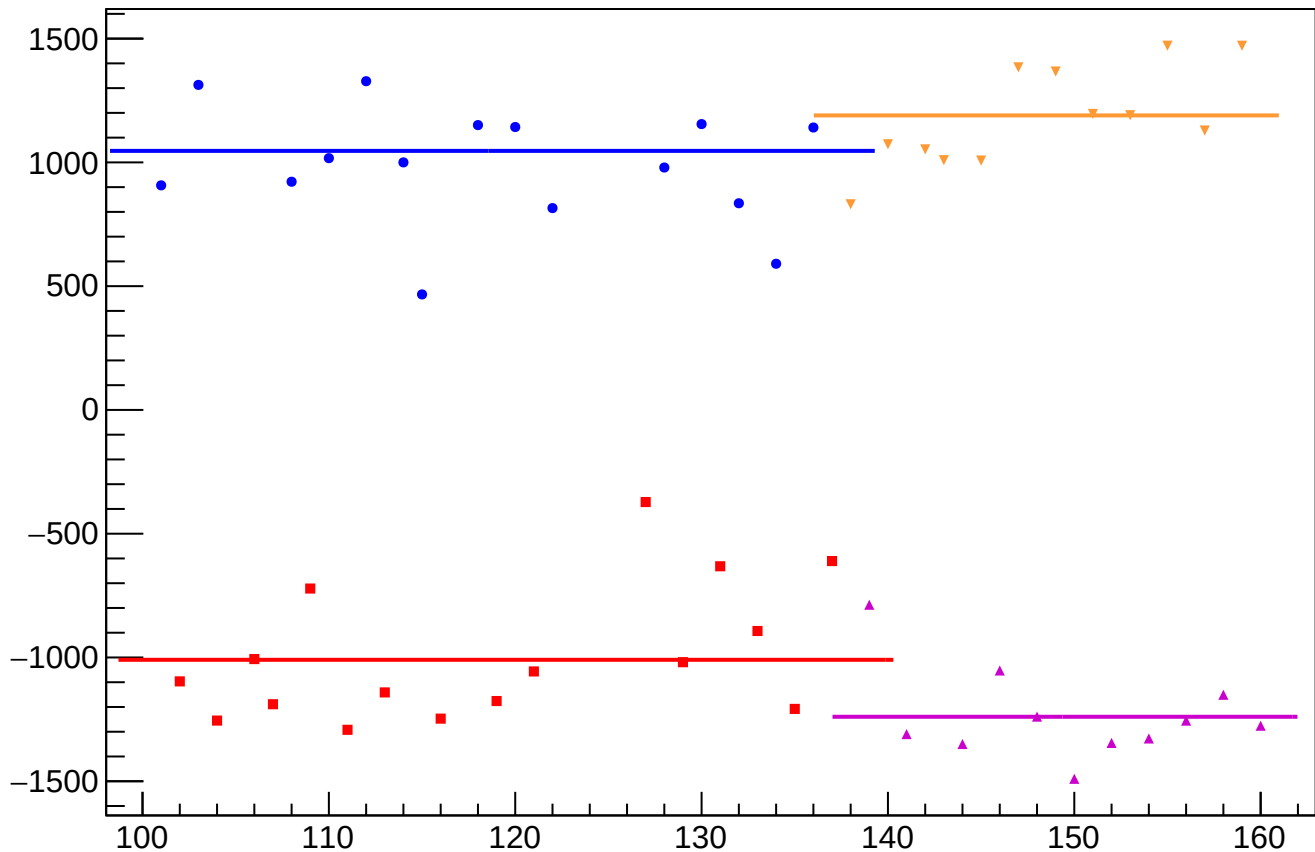
All: 543.534+/-0.000 χ^2/NDF : 338434343792

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



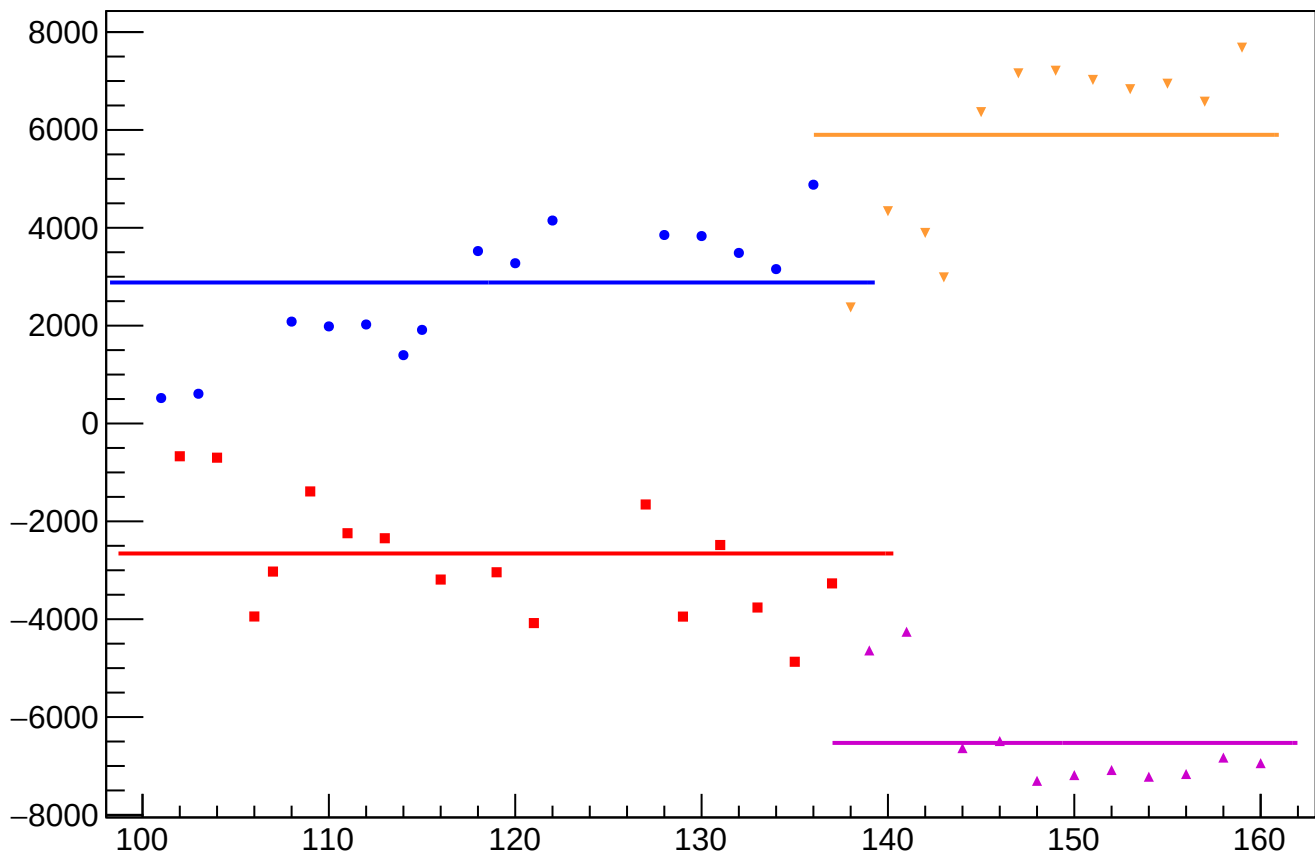
Left: -14.721 +/- 0.000 χ^2/NDF : 2096239357202295
 Right: -203.146 +/- 0.000 χ^2/NDF : 11161426338405
 In: -1060.961 +/- 0.000 χ^2/NDF : 113570353346731
 Out: 867.708 +/- 0.000 χ^2/NDF : 1785824353785907
 All: -93.266 +/- 0.000 χ^2/NDF : 321510662885

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



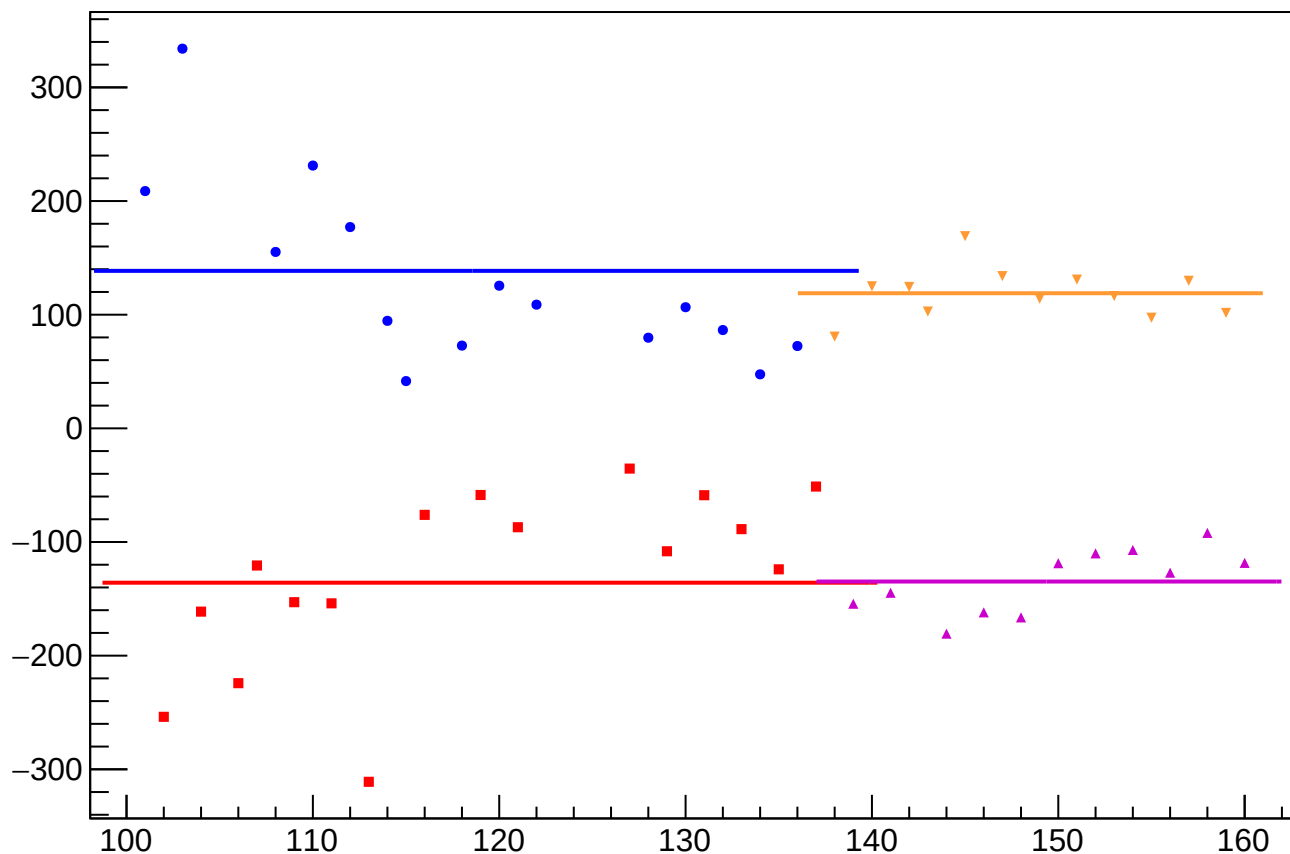
Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 1189.821 ± 0.000 $\chi^2/\text{NDF}: 35487872642876563282140008444600516608.0/11$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -1239.553 ± 0.000 $\chi^2/\text{NDF}: 29116180330425505242594030704390045696.0/10$
 All: -15.334 ± 0.000 $\chi^2/\text{NDF}: 424162911952$

dit_sam1_coil1_mean vs Slug, Sign Corrected



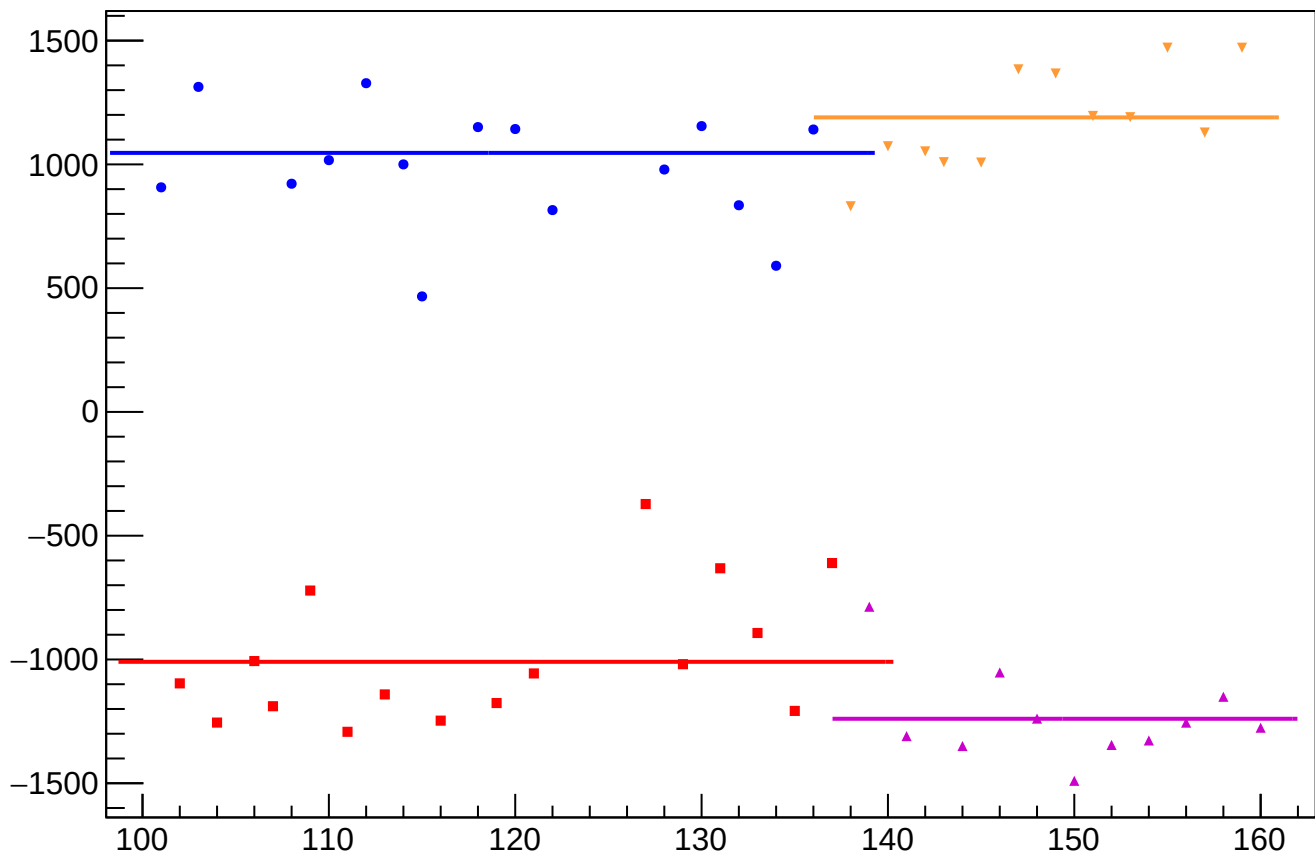
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 5900.145+/-0.000 χ^2/NDF : 2757689906494435175416115853599080185856.0/11
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: -6528.681+/-0.000 χ^2/NDF : 940619832290547661204641528694924378112.0/10
 All: -165.935+/-0.000 χ^2/NDF : 87414816042

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 138.577 $\pm$ 0.000 χ^2 /NDF: 4242369889979811373883774021335515136.0/14
 Left Out: 118.892 $\pm$ 0.000 χ^2 /NDF: 441331340602238377798748666087866368.0/11
 Right Out: -135.809 $\pm$ 0.000 χ^2 /NDF: 3956401741862524263243160868173643776.0/15
 Left In: -134.785 $\pm$ 0.000 χ^2 /NDF: 689808602632315539029860685392642048.0/10
 All: -5.121 $\pm$ 0.000 χ^2 /NDF: 6376084521741

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000

χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: -1009.445+/-0.000

χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1239.553+/-0.000

χ^2/NDF : 29116180330425505242594030704390045696.0/10

Left: -29.485+/-0.000 χ^2/NDF : 2780895357711007

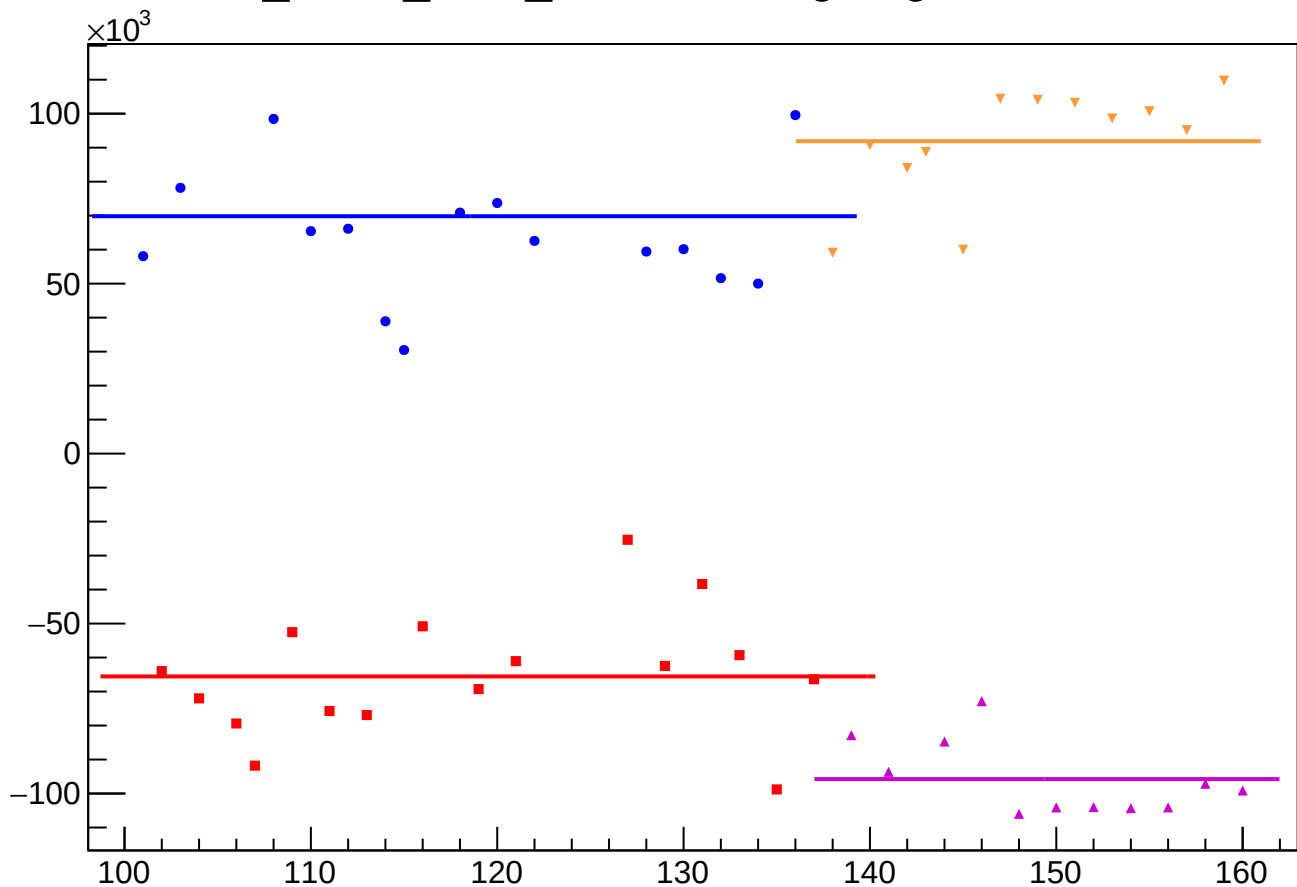
Right: 4.462+/-0.000 χ^2/NDF : 14598494086105576

In: -296.360+/-0.000 χ^2/NDF : 2046292009130527

Out: 263.741+/-0.000 χ^2/NDF : 1947741480778667

All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797 $\pm$ 0.000

χ^2 /NDF: 187803282116493131197684060541288926150656.0/14

Left Out: 91909.028 $\pm$ 0.000

χ^2 /NDF: 240792875976910962309751824422513810604032.0/11

Right Out: -65555.147 $\pm$ 0.000

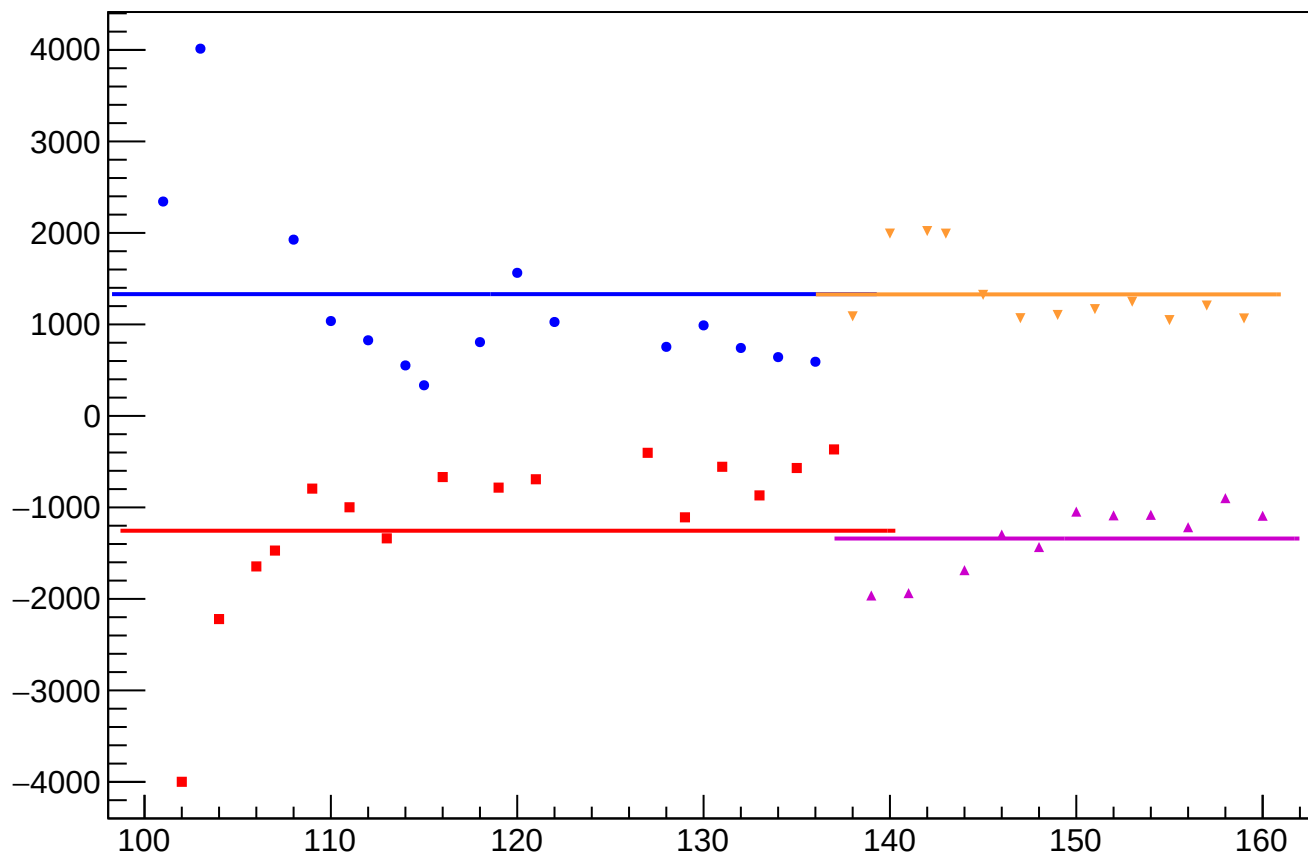
χ^2 /NDF: 212001467811386750910625783195999741673472.0/15

Left In: -95749.411 $\pm$ 0.000

χ^2 /NDF: 102376761881530271427340284738693826084864.0/10

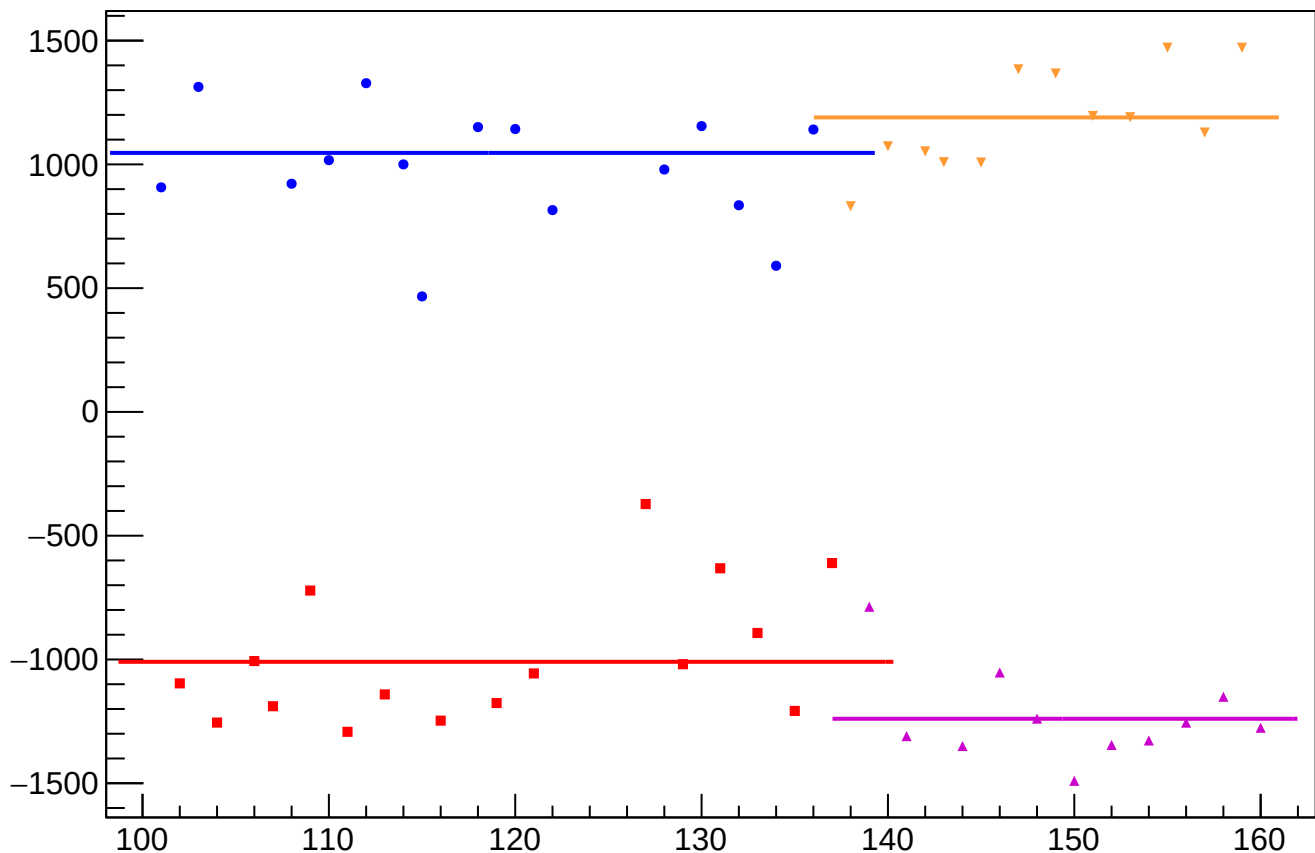
All: -823.225 $\pm$ 0.000 χ^2 /NDF: 22989056744

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



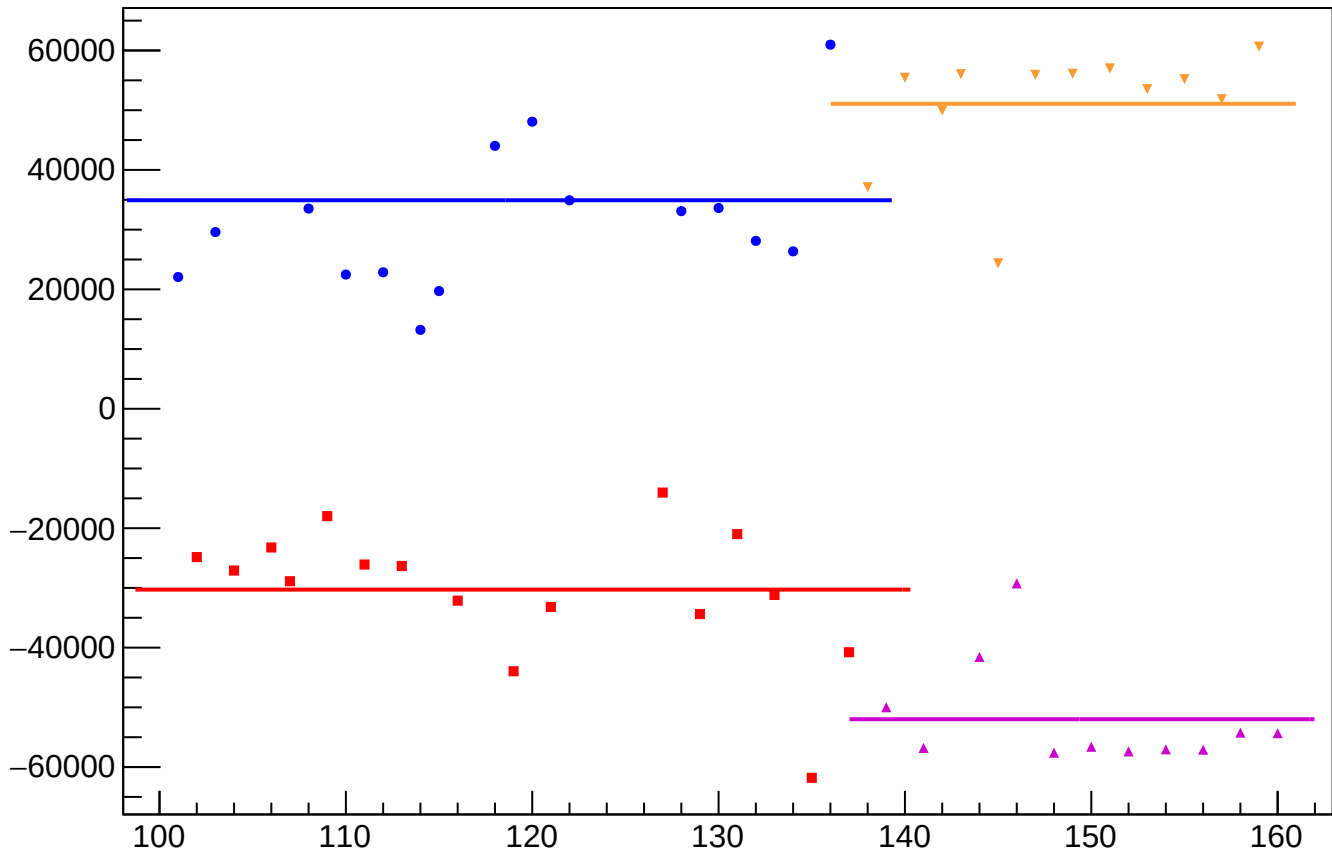
Left: -11.011 +/- 0.000 χ^2/NDF : 3508881544765835
 Right In: 1330.956 +/- 0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Right: 20.358 +/- 0.000 χ^2/NDF : 3481069250883615
 Left Out: 1328.309 +/- 0.000 χ^2/NDF : 117346287967386958303859795101623517184.0/11
 In: -238.106 +/- 0.000 χ^2/NDF : 3483766445044589
 Right Out: -1254.871 +/- 0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Out: 240.569 +/- 0.000 χ^2/NDF : 3326101384624055
 Left In: -1340.185 +/- 0.000 χ^2/NDF : 114204911168201277023830767366477709312.0/10
 All: 2.065 +/- 0.000 χ^2/NDF : 69907059694753

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



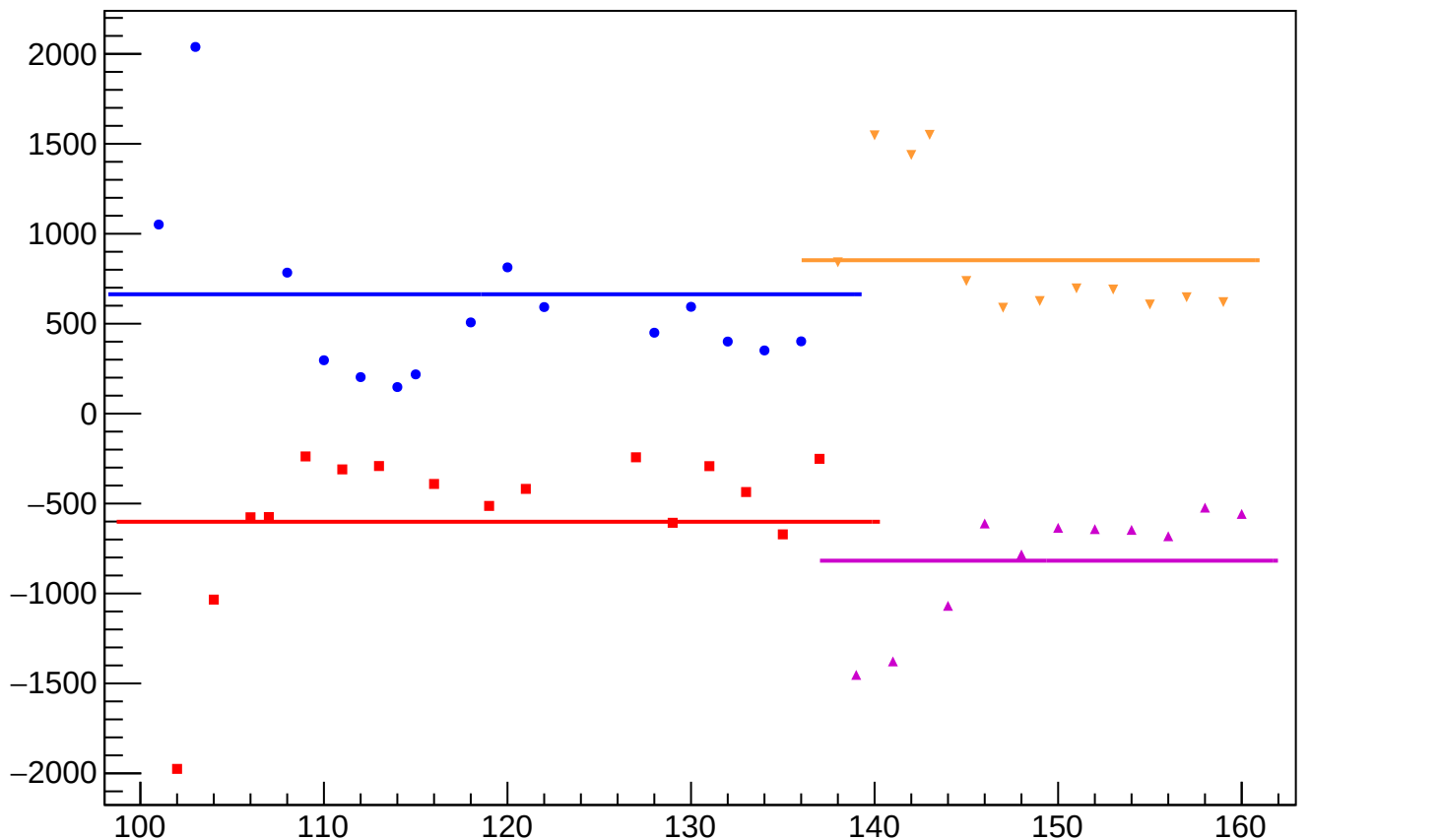
Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 1189.821 ± 0.000 $\chi^2/\text{NDF}: 35487872642876563282140008444600516608.0/11$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -1239.553 ± 0.000 $\chi^2/\text{NDF}: 29116180330425505242594030704390045696.0/10$
 All: -15.334 ± 0.000 $\chi^2/\text{NDF}: 424162911952$

dit_sam3_coil1_mean vs Slug, Sign Corrected



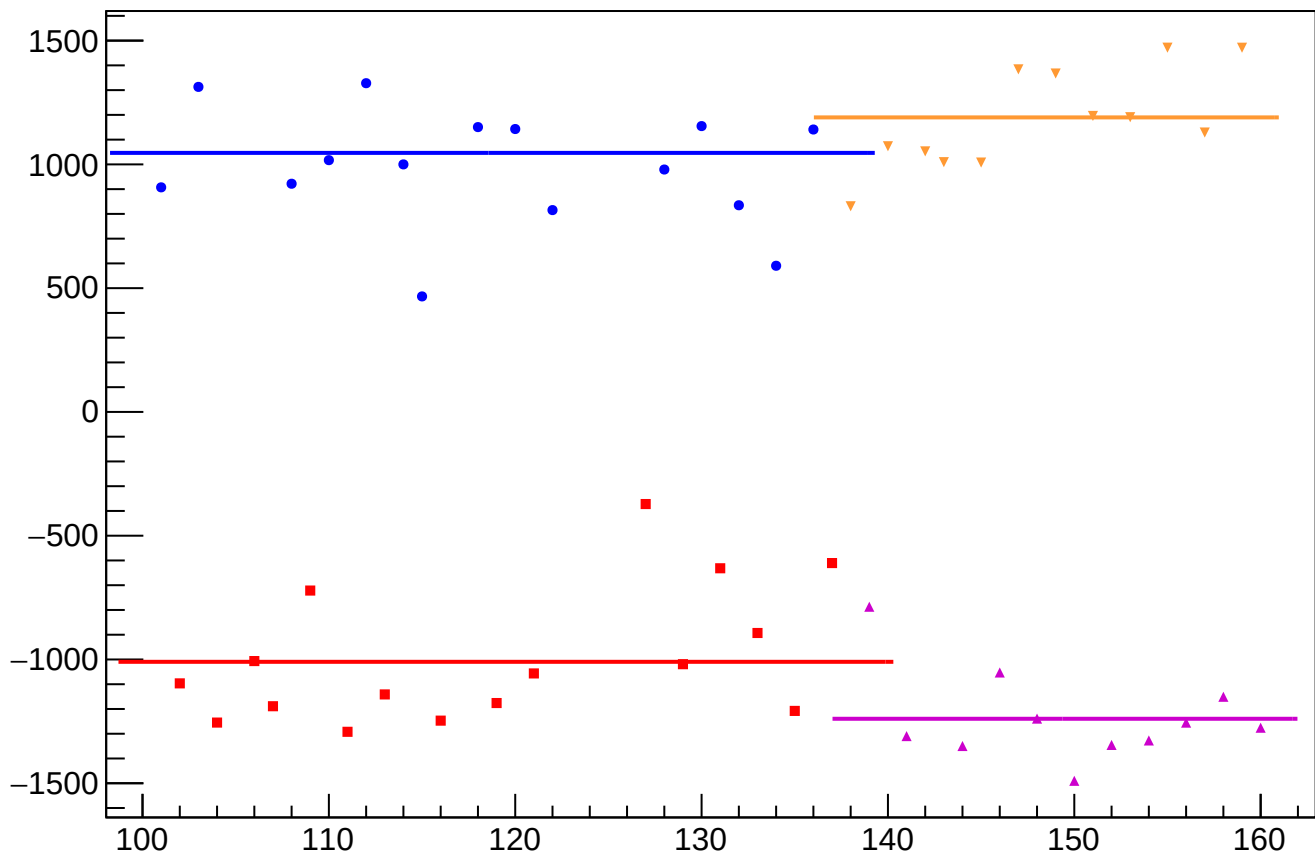
Right In: 34919.716 ± 0.000 $\chi^2/\text{NDF}: 106387385440718622155122541848729997017088.0/14$
 Left Out: 51078.913 ± 0.000 $\chi^2/\text{NDF}: 92171566183632008367490399553102026899456.0/11$
 Right Out: -30282.373 ± 0.000 $\chi^2/\text{NDF}: 88346165266593126627598951693506073067520.0/15$
 Left In: -51985.374 ± 0.000 $\chi^2/\text{NDF}: 67172587579518863379504132116294676774912.0/10$
 All: 402.100 ± 0.000 $\chi^2/\text{NDF}: 664619739497$

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



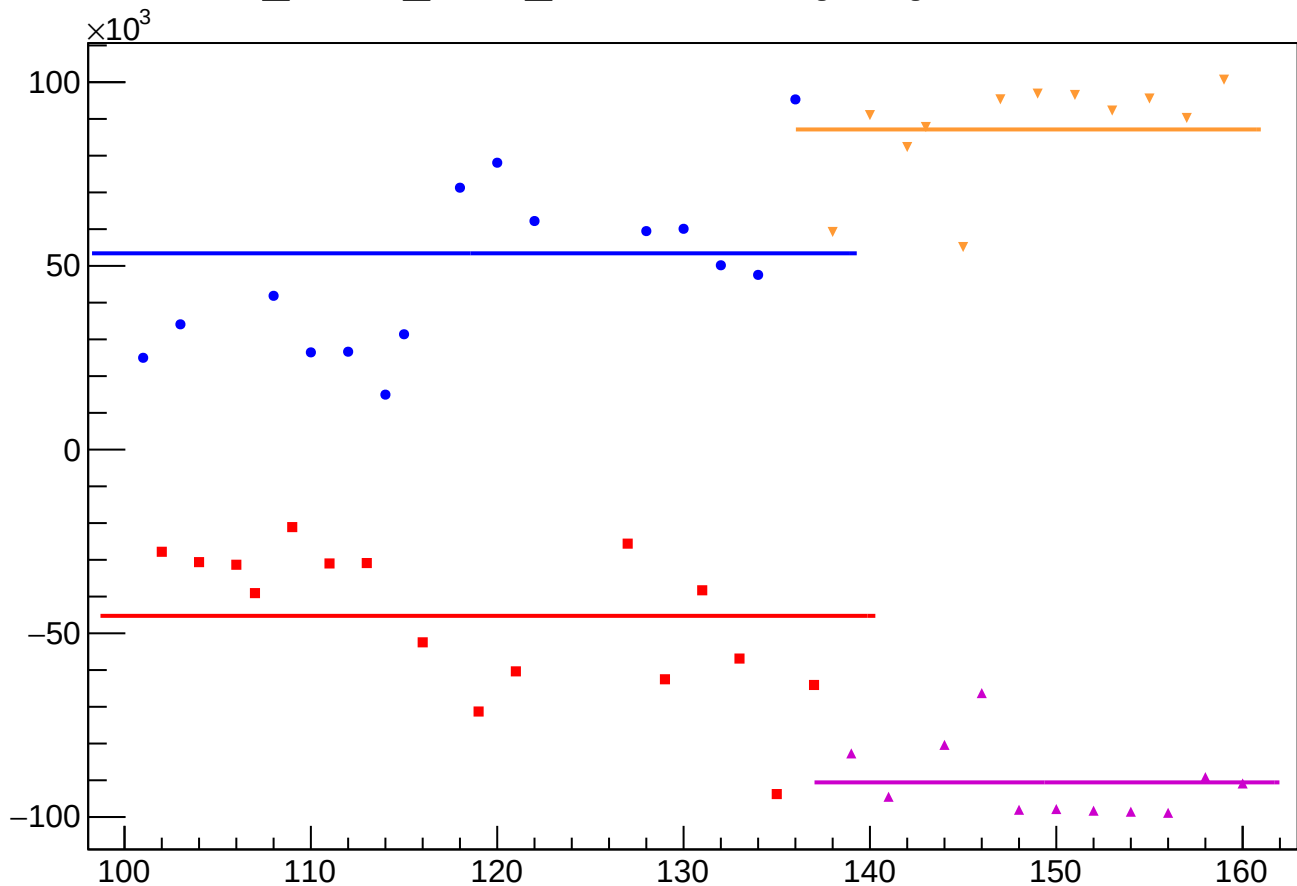
Right In: 663.574 ± 0.000 $\chi^2/\text{NDF}: 157691812872720822886914966597312446464.0/14$
 Left Out: 852.828 ± 0.000 $\chi^2/\text{NDF}: 115391521173207267272974066416613326848.0/11$
 Right Out: -601.216 ± 0.000 $\chi^2/\text{NDF}: 149717884331889332339995334350831878144.0/15$
 Left In: -817.657 ± 0.000 $\chi^2/\text{NDF}: 90429548723715663326805299076811194368.0/10$
 All: 17.794 ± 0.000 $\chi^2/\text{NDF}: 2323799322021$

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



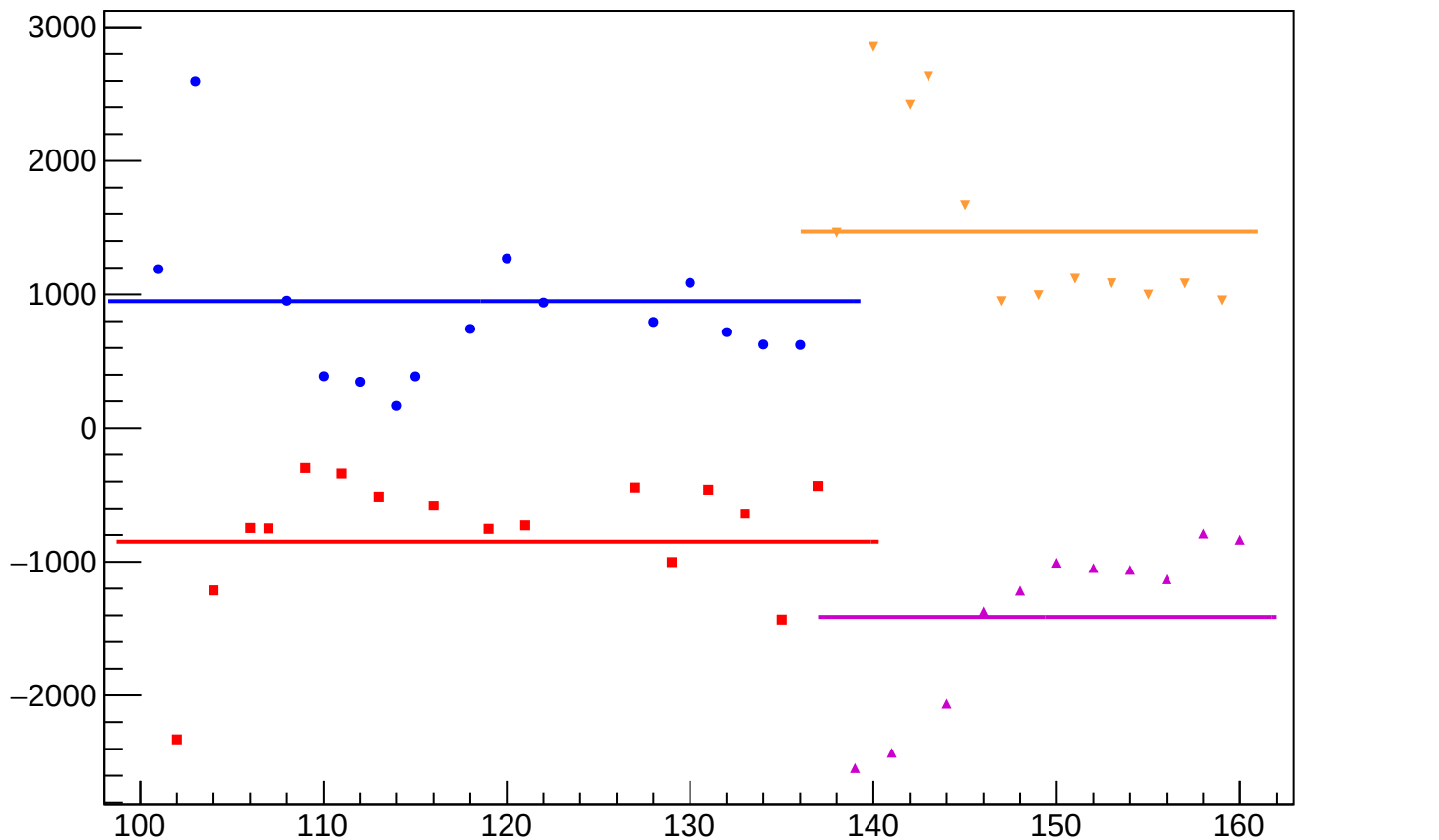
Right In: 1046.490 ± 0.000 $\chi^2/\text{NDF}: 24866624766048512267031234680614551552.0/14$
 Left Out: 1189.821 ± 0.000 $\chi^2/\text{NDF}: 35487872642876563282140008444600516608.0/11$
 Right Out: -1009.445 ± 0.000 $\chi^2/\text{NDF}: 44602783681728168935494176019868286976.0/15$
 Left In: -1239.553 ± 0.000 $\chi^2/\text{NDF}: 29116180330425505242594030704390045696.0/10$
 All: -15.334 ± 0.000 $\chi^2/\text{NDF}: 424162911952$

dit_sam4_coil1_mean vs Slug, Sign Corrected



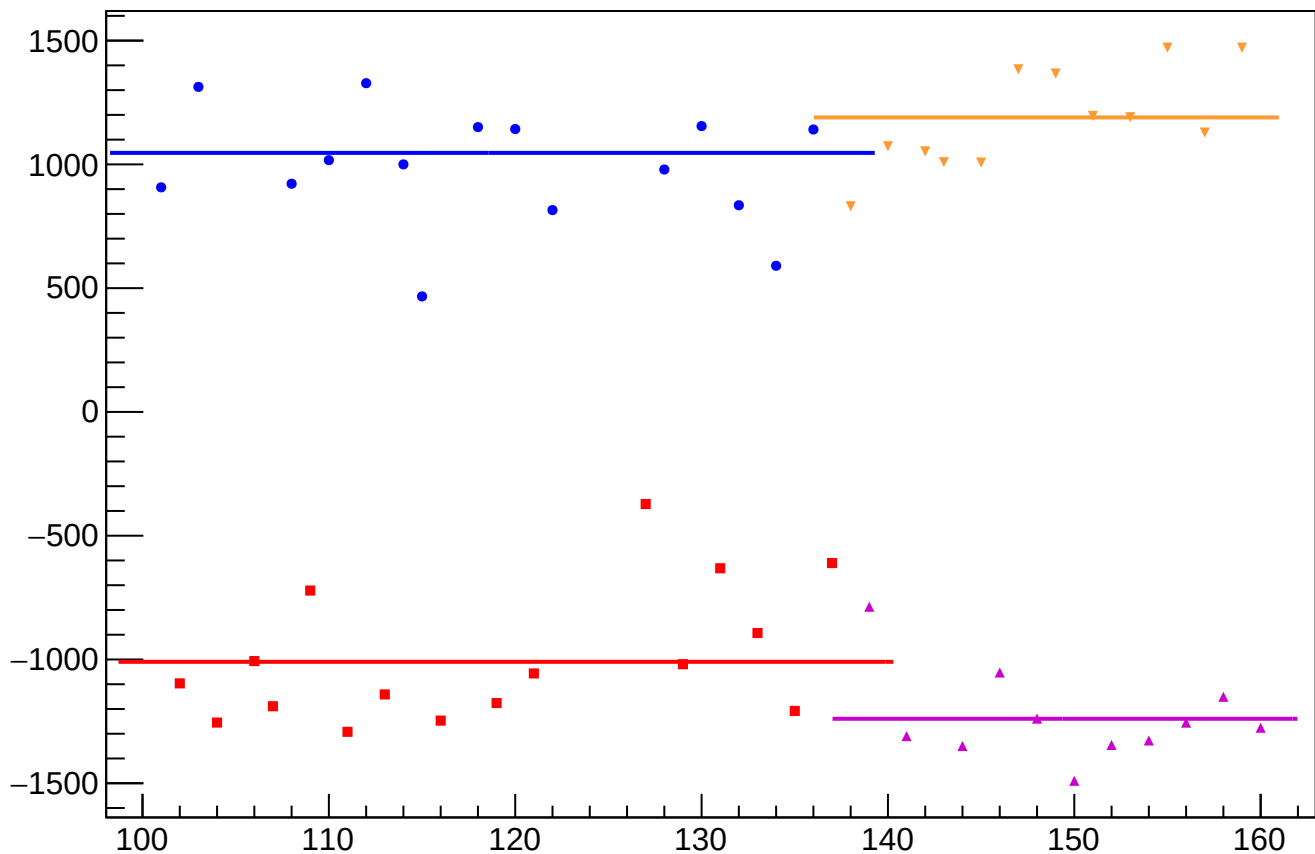
Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 87135.960+/-0.000 χ^2/NDF : 189391741344290721413233098775018944331776.0/11
 Right Out: -45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: -90573.760+/-0.000 χ^2/NDF : 90574081394354221593949262312406685581312.0/10
 All: 223.165+/-0.000 χ^2/NDF : 186869193995

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 949.197 $\pm$ 0.000 χ^2 /NDF: 225691032183153732733308094067658194944.0/14
 Left Out: 1470.170 $\pm$ 0.000 χ^2 /NDF: 405590375156650172280507211961333710848.0/11
 Right Out: -849.827 $\pm$ 0.000 χ^2 /NDF: 20462224261577247702227312745197338624.0/15
 Left In: -1412.186 $\pm$ 0.000 χ^2 /NDF: 332529390934897118157875972661756035072.0/10
 All: 29.294 $\pm$ 0.000 χ^2 /NDF: 6056877186089

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000

χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: -1009.445+/-0.000

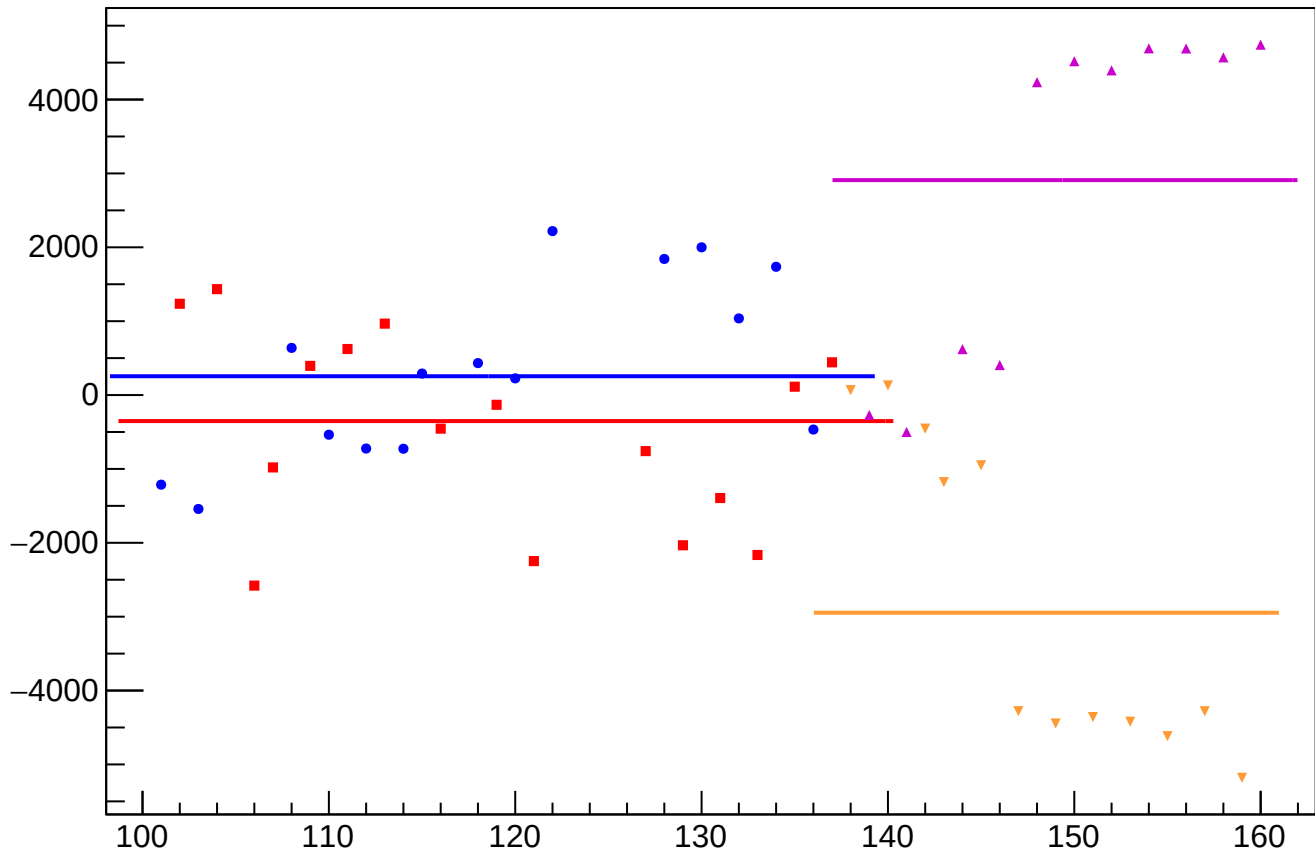
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1239.553+/-0.000

χ^2/NDF : 29116180330425505242594030704390045696.0/10

All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 254.578+/-0.000

χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2946.326+/-0.000

χ^2/NDF : 3731127313953628227585948865105357701120.0/11

Right Out: -352.308+/-0.000

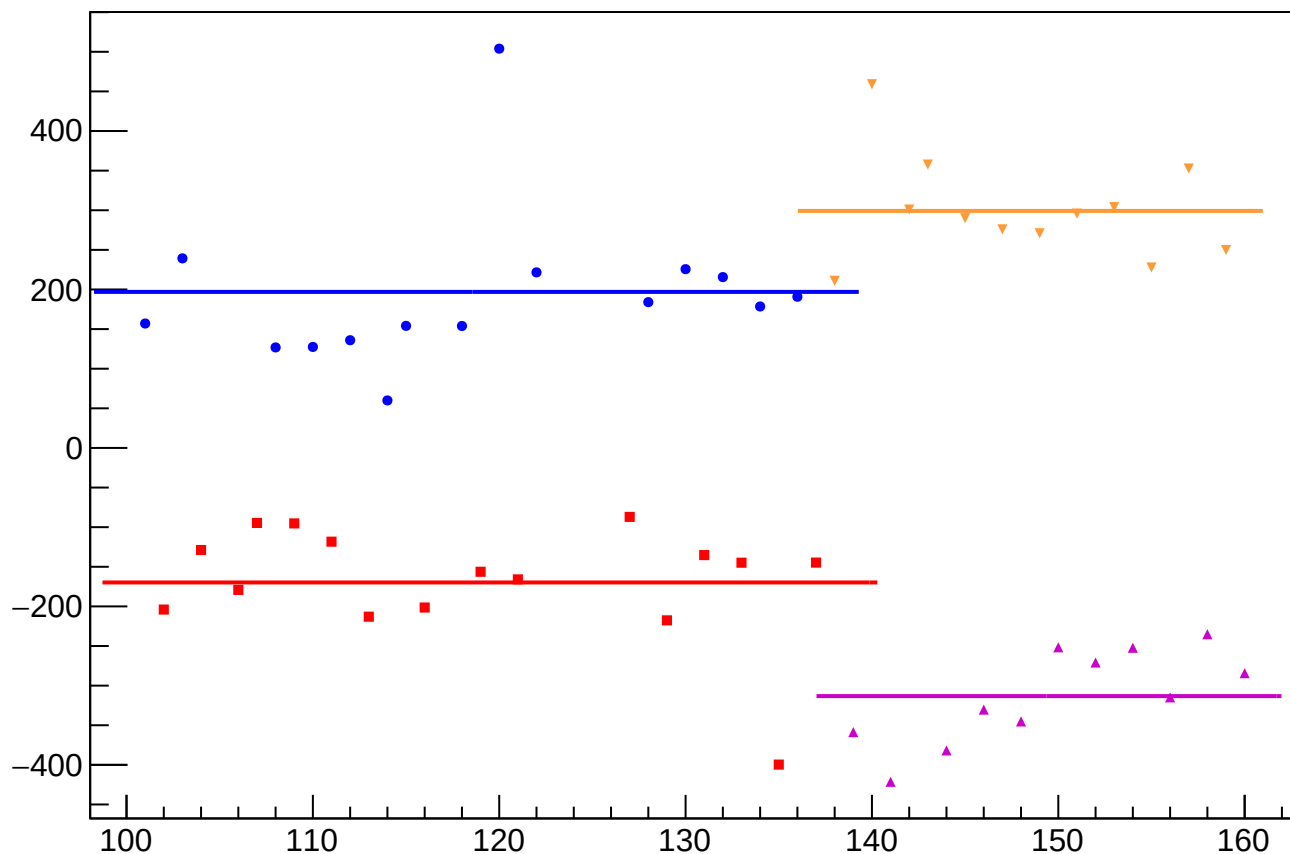
χ^2/NDF : 1100813647101508513447529068154010468352.0/15

Left In: 2909.545+/-0.000

χ^2/NDF : 4377323512278558404902073126276443406336.0/10

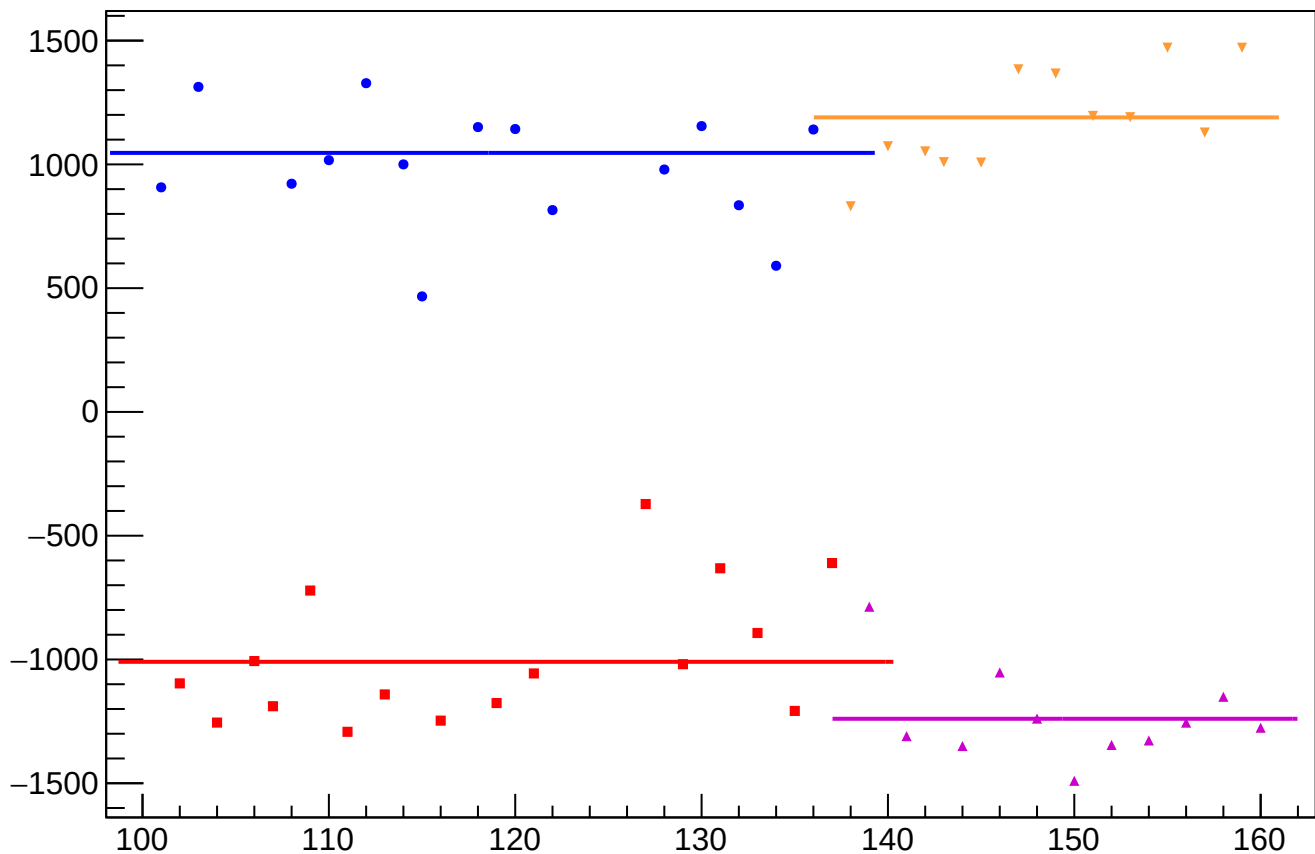
All: -26.332+/-0.000 χ^2/NDF : 260927325802

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



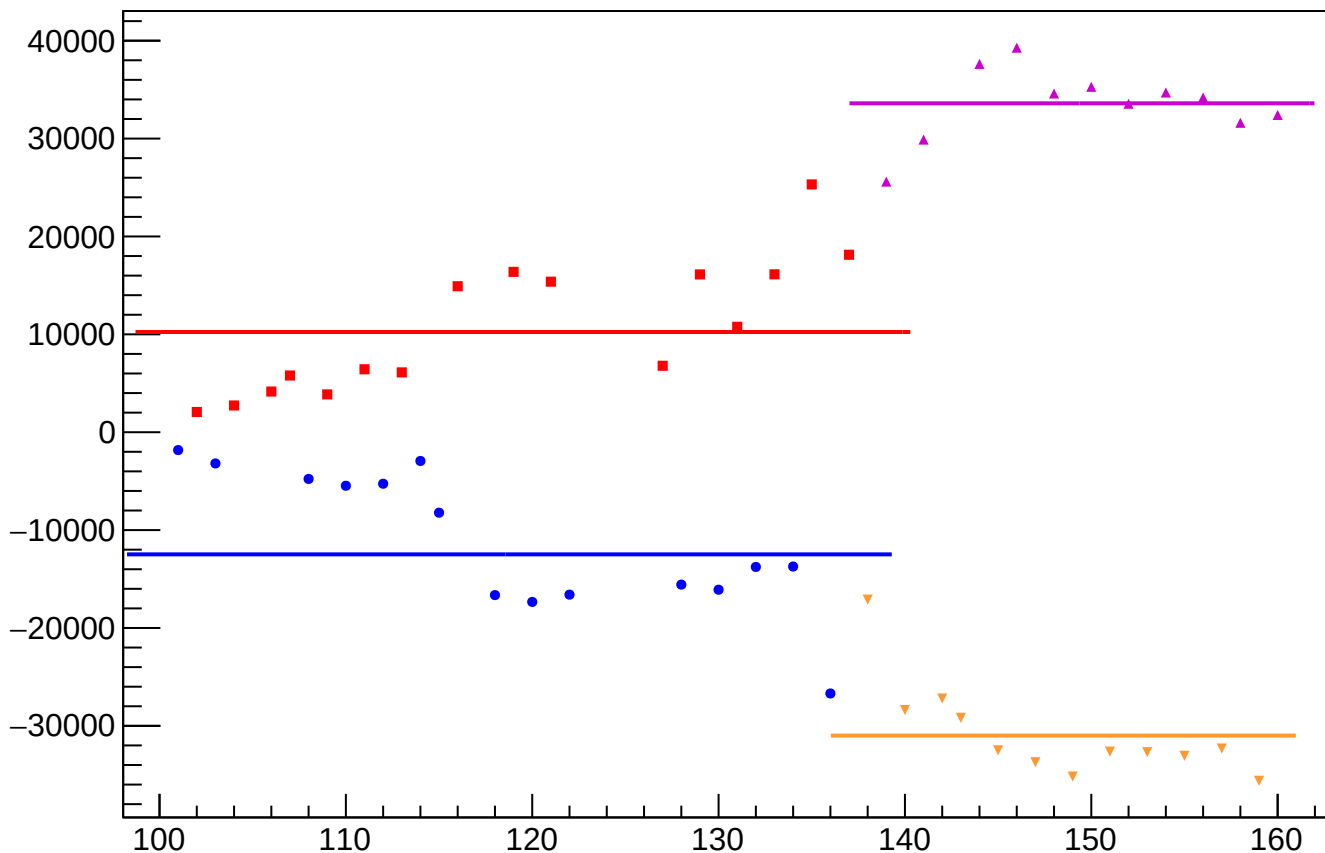
Right In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Left Out: 299.172+/-0.000 χ^2/NDF : 3880381264543200500455029030889979904.0/11
 Right Out: -169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15
 Left In: -313.228+/-0.000 χ^2/NDF : 3079061701843560714774529768142405632.0/10
 All: -0.158+/-0.000 χ^2/NDF : 2324687207853

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



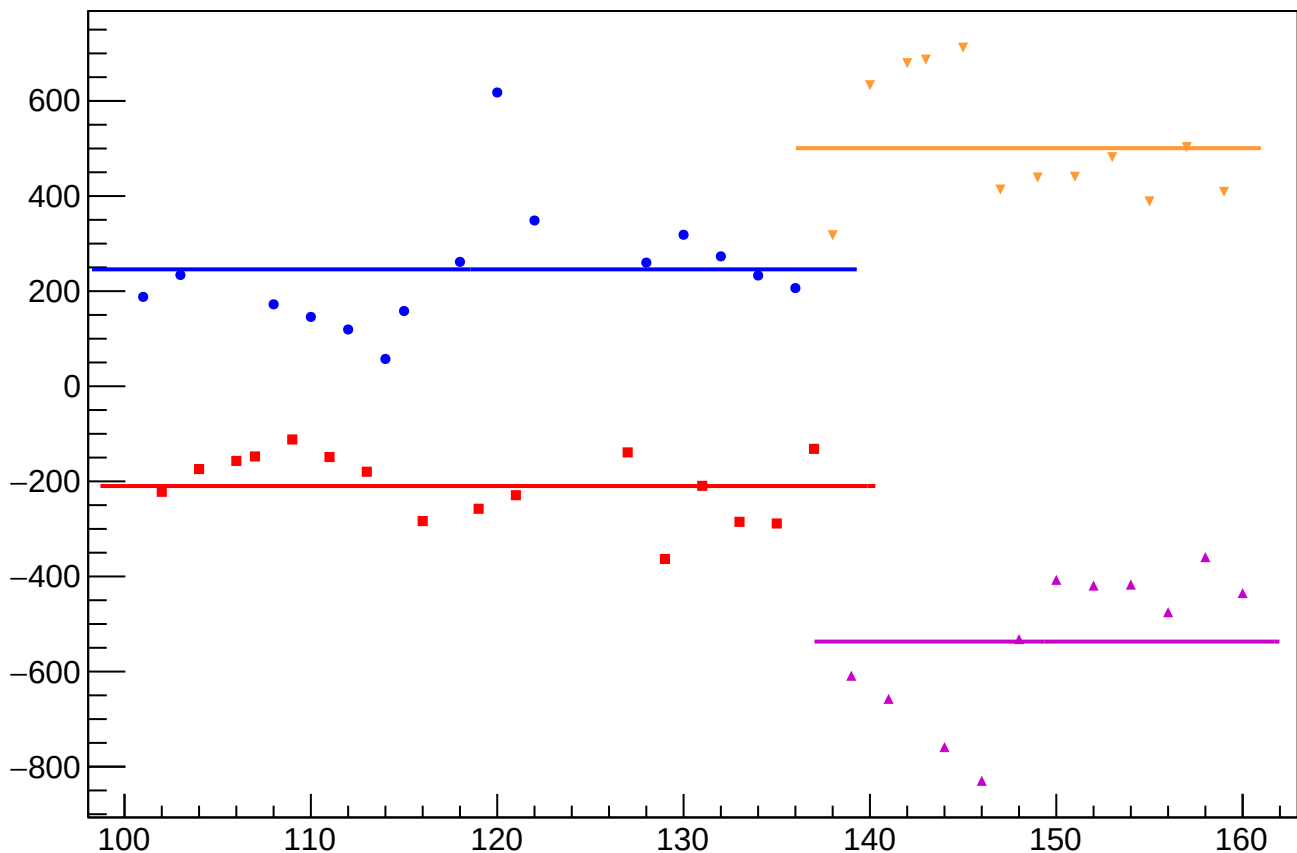
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_sam6_coil1_mean vs Slug, Sign Corrected



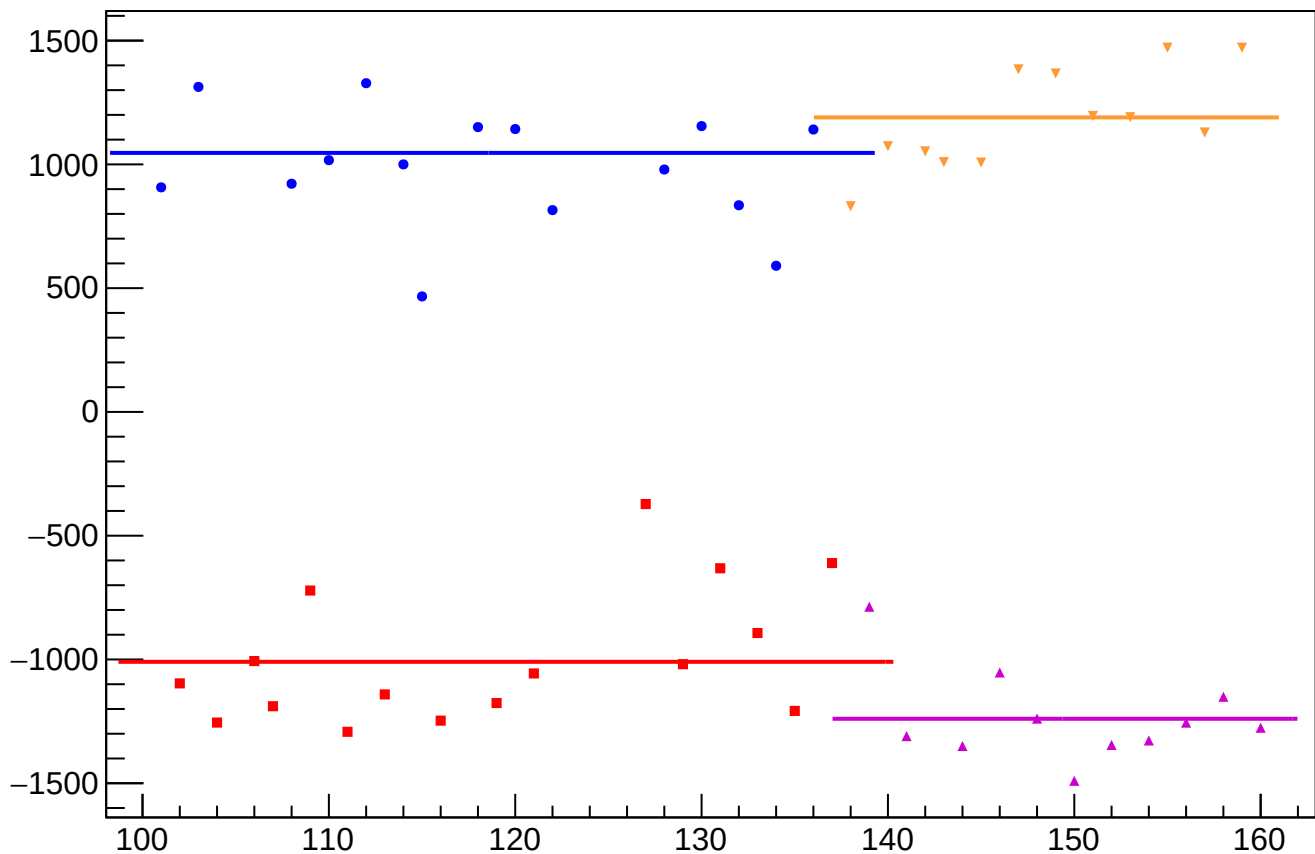
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -30994.631+/-0.000 χ^2/NDF : 21360802405540775794048943647973709971456.0/11
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 33603.125+/-0.000 χ^2/NDF : 11377877741280377988076632069746943066112.0/10
 All: 429.752+/-0.000 χ^2/NDF : 219983742994

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



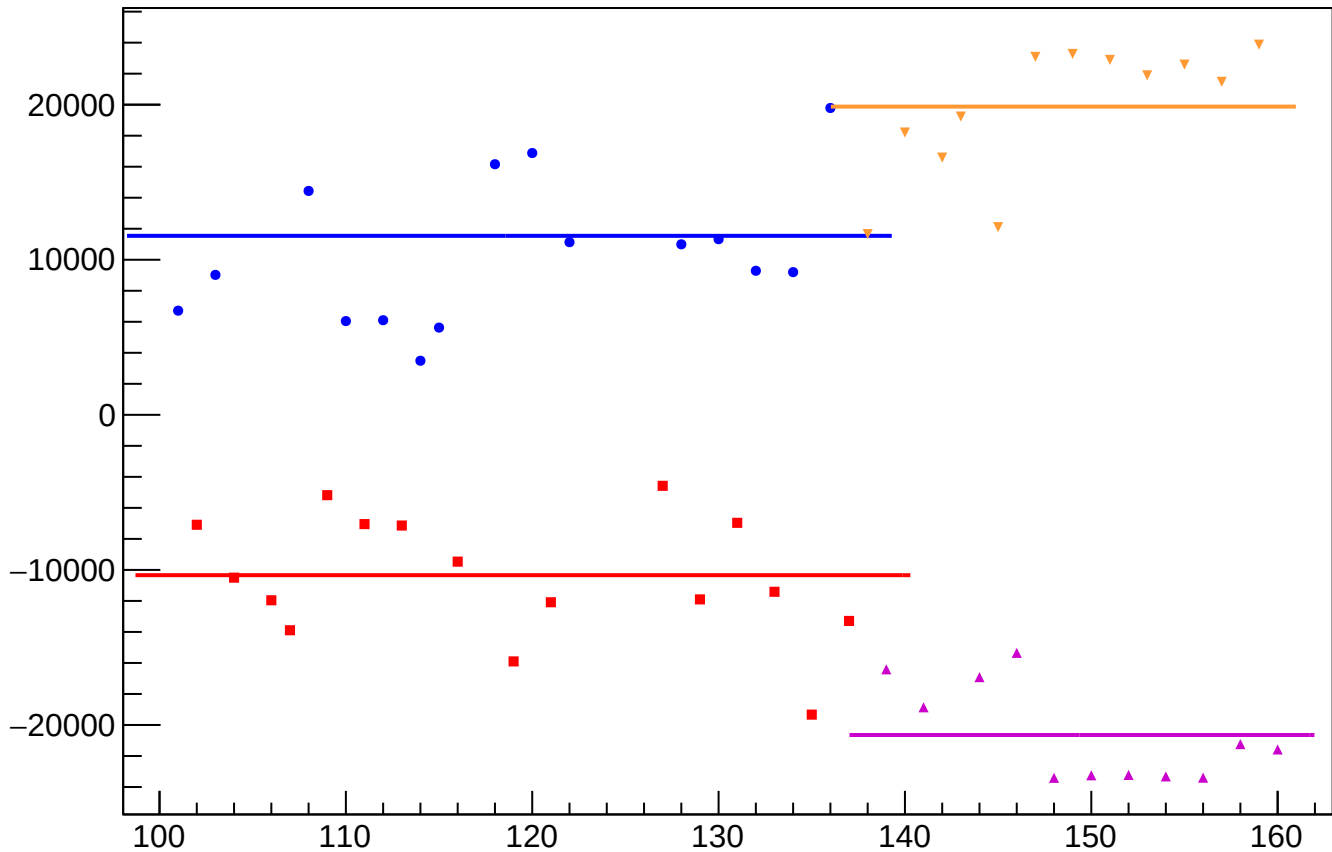
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 500.722 $\pm$ 0.000 χ^2 /NDF: 14366647854030986801089252354911371264.0/11
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -536.975 $\pm$ 0.000 χ^2 /NDF: 20803022486400810956958367719555596288.0/10
 All: -5.519 $\pm$ 0.000 χ^2 /NDF: 6109629963299

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



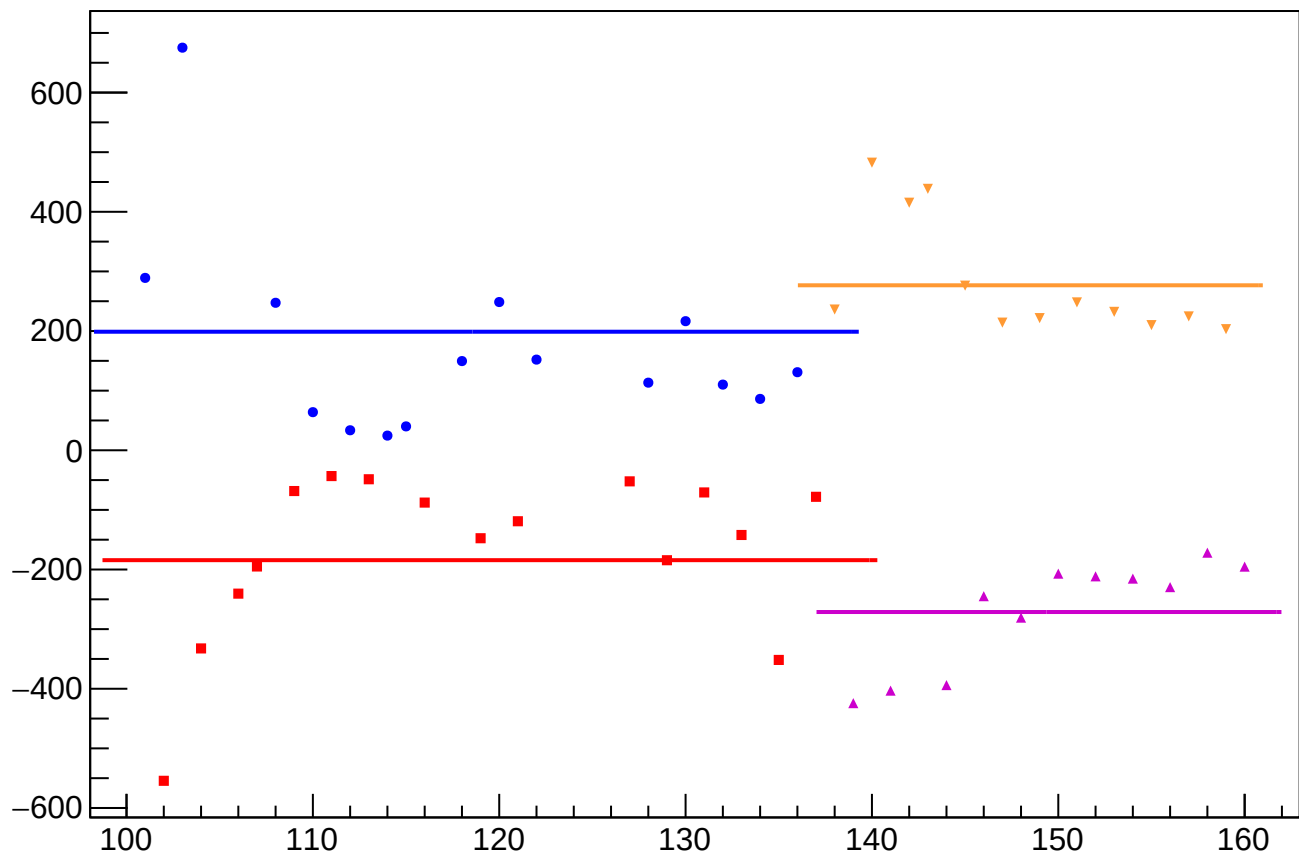
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_sam7_coil1_mean vs Slug, Sign Corrected



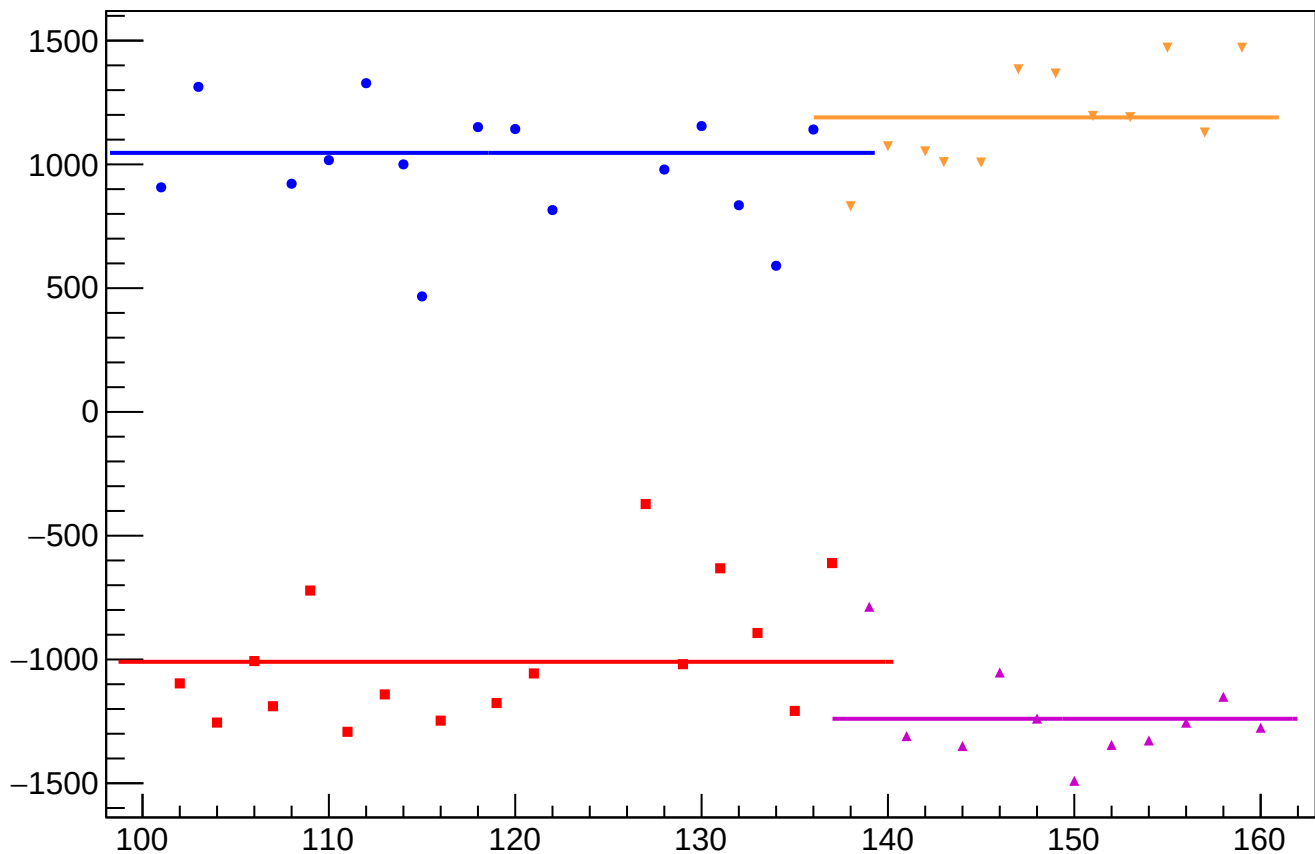
Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 19875.162+/-0.000 χ^2/NDF : 15802196643449462198483400956357455642624.0/11
 Right Out: -10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: -20645.358+/-0.000 χ^2/NDF : 8456327376882782804888899010558833983488.0/10
 All: -81.183+/-0.000 χ^2/NDF : 963586580274

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Left Out: 276.729+/-0.000 χ^2/NDF : 8031577970080371618596427688692416512.0/11
 Right Out: -184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15
 Left In: -271.291+/-0.000 χ^2/NDF : 7112445981030520145066814103974051840.0/10
 All: 2.912+/-0.000 χ^2/NDF : 23493214759082

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000

χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1189.821+/-0.000

χ^2/NDF : 35487872642876563282140008444600516608.0/11

Right Out: -1009.445+/-0.000

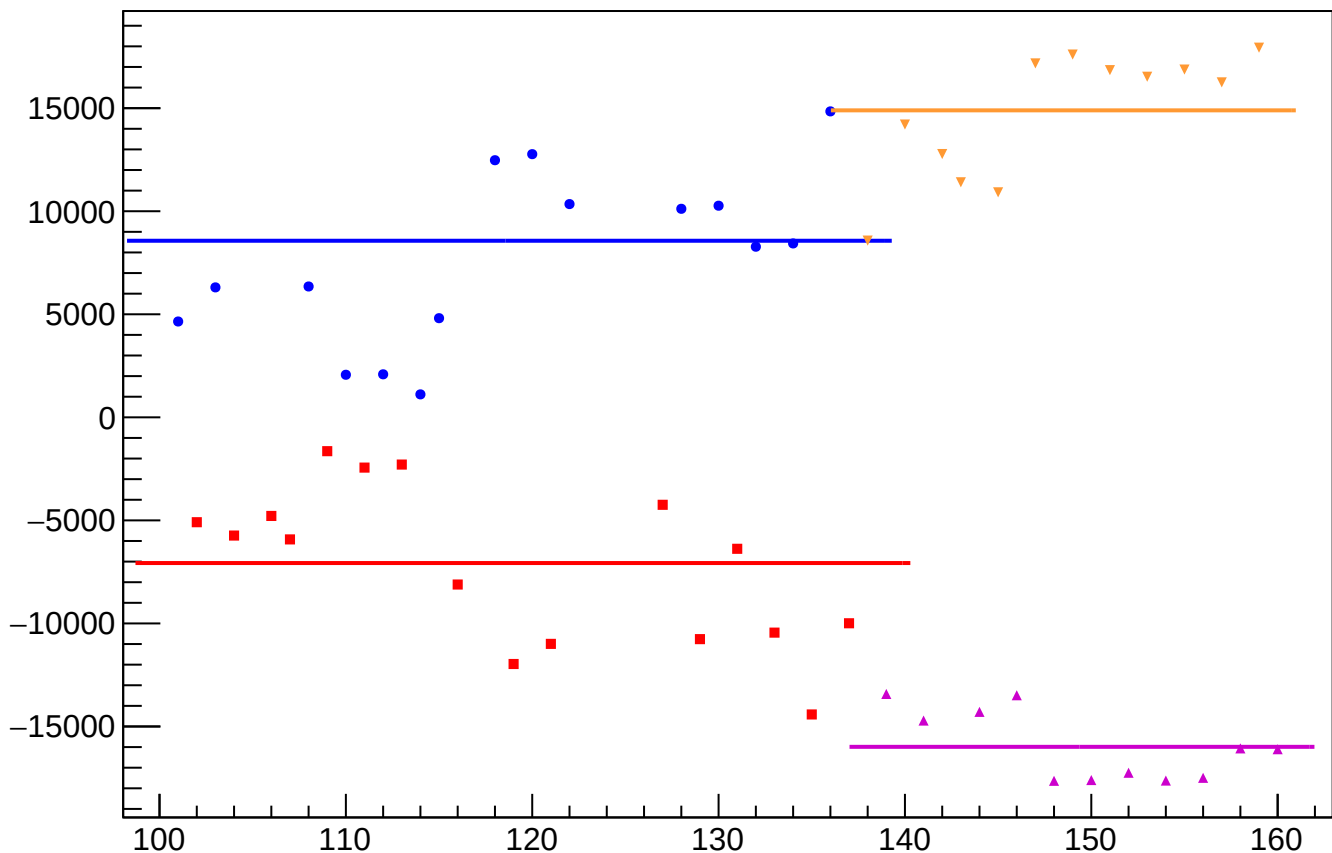
χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1239.553+/-0.000

χ^2/NDF : 29116180330425505242594030704390045696.0/10

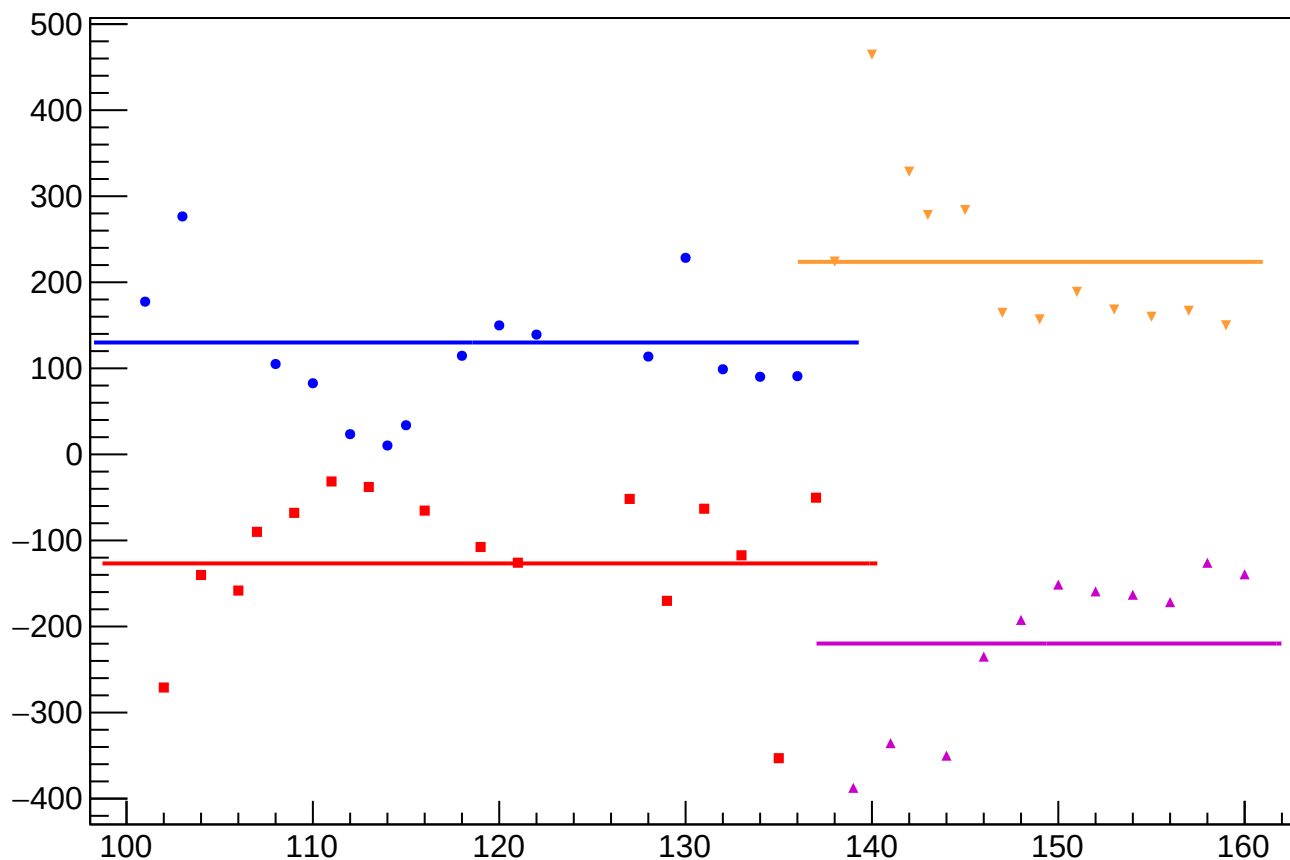
All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_sam8_coil1_mean vs Slug, Sign Corrected



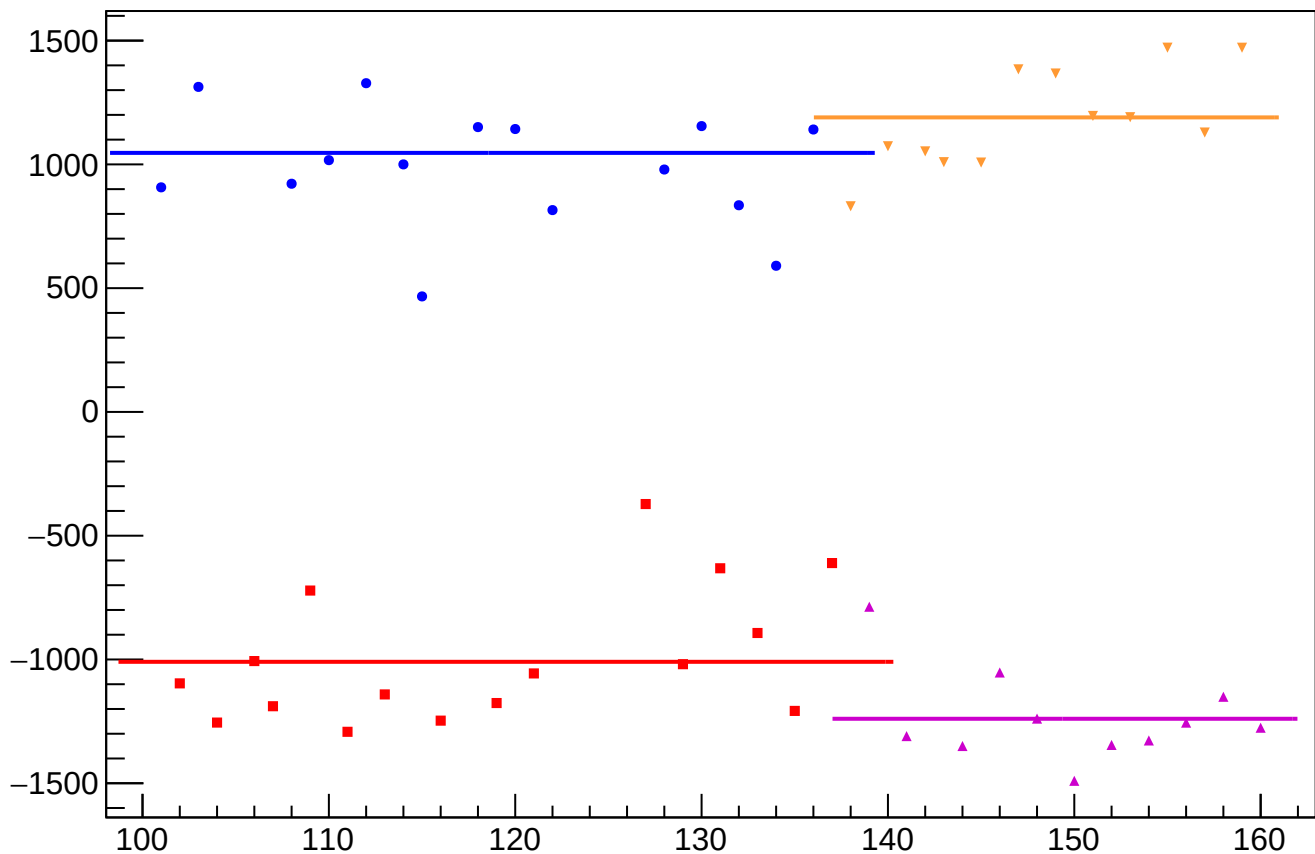
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14894.671+/-0.000 χ^2/NDF : 8196994251162162548782617513195066097664.0/11
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -15987.436+/-0.000 χ^2/NDF : 2470393428254815728629083332629999124480.0/10
 All: -85.239+/-0.000 χ^2/NDF : 552417535808

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



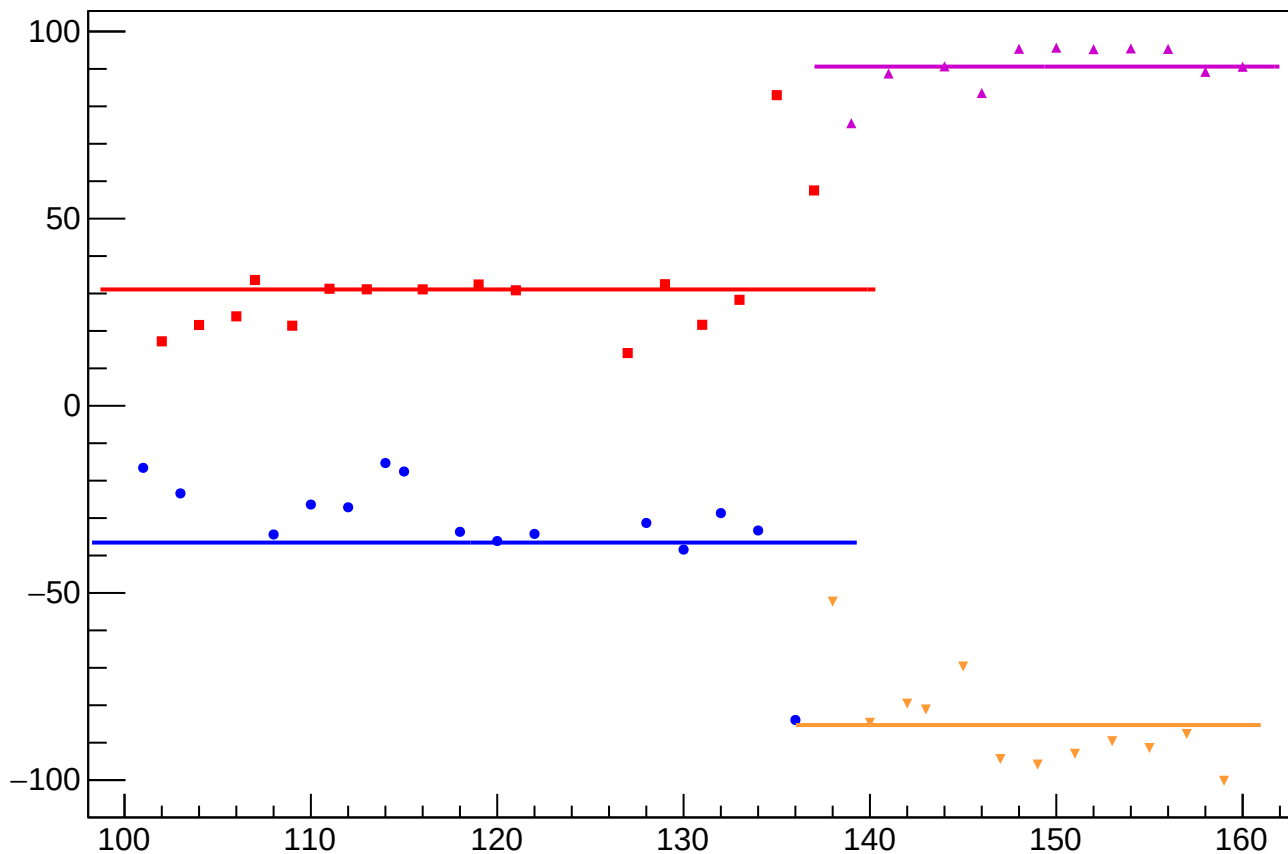
Left: 1.125 ± 0.000 $\chi^2/\text{NDF}: 10571894035533403$
 Right In: 130.021 ± 0.000 $\chi^2/\text{NDF}: 3115259987552341725946418665378283520.0/14$
 Left Out: 223.724 ± 0.000 $\chi^2/\text{NDF}: 7769866101258790132911352573971136512.0/11$
 Right Out: -126.709 ± 0.000 $\chi^2/\text{NDF}: 5397122581297664561308621600668516352.0/15$
 Left In: -219.787 ± 0.000 $\chi^2/\text{NDF}: 7418609629454172879787970620999860224.0/10$
 All: 0.615 ± 0.000 $\chi^2/\text{NDF}: 13591277420153$

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1189.821+/-0.000 χ^2/NDF : 35487872642876563282140008444600516608.0/11
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1239.553+/-0.000 χ^2/NDF : 29116180330425505242594030704390045696.0/10
 All: -15.334+/-0.000 χ^2/NDF : 424162911952

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: -36.540+/-0.000

Left Out: -85.291+/-0.000

Right Out: 31.085+/-0.000

Left In: 90.618+/-0.000

χ^2/NDF : 254351867861444609202637633864335360.0/14

χ^2/NDF : 150335186575692047525398073172819968.0/11

χ^2/NDF : 181291079119381636178408498876383232.0/15

χ^2/NDF : 33089833083626408117297955498622976.0/10

Left: 2.998+/-0.000 χ^2/NDF : 144250947022292483

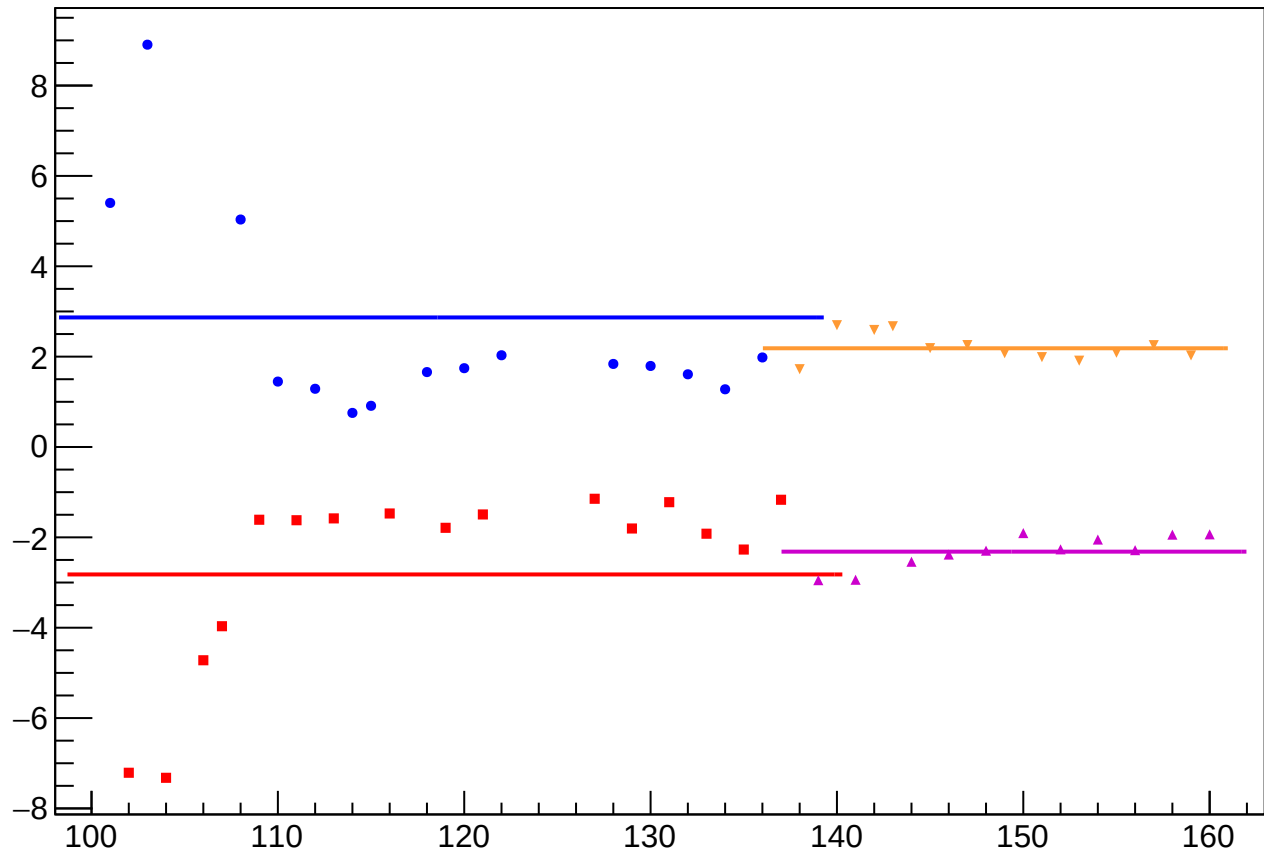
Right: -2.265+/-0.000 χ^2/NDF : 1939933040270060

In: 38.154+/-0.000 χ^2/NDF : 645160855456739365

Out: -36.286+/-0.000 χ^2/NDF : 5561186086442477

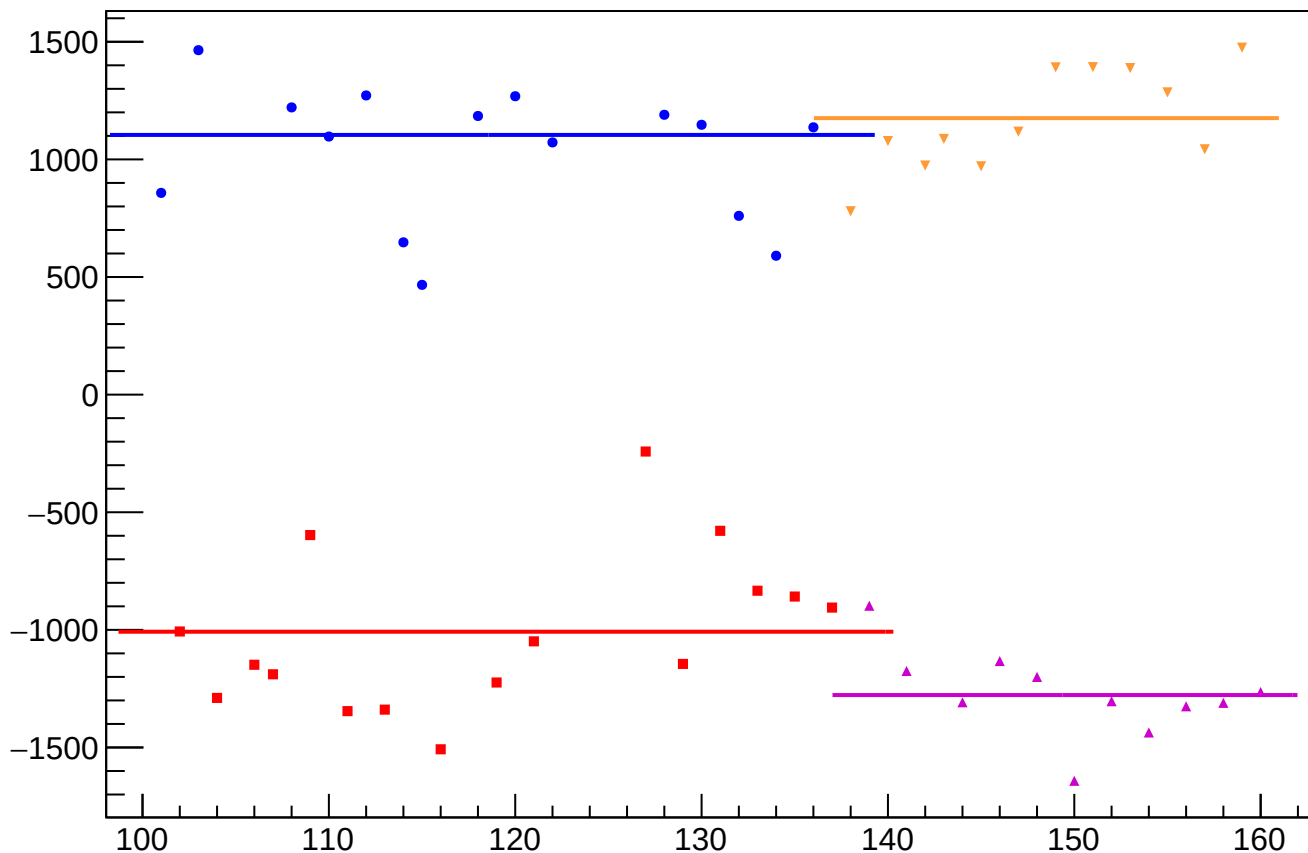
All: 0.804+/-0.000 χ^2/NDF : 16386284657784

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



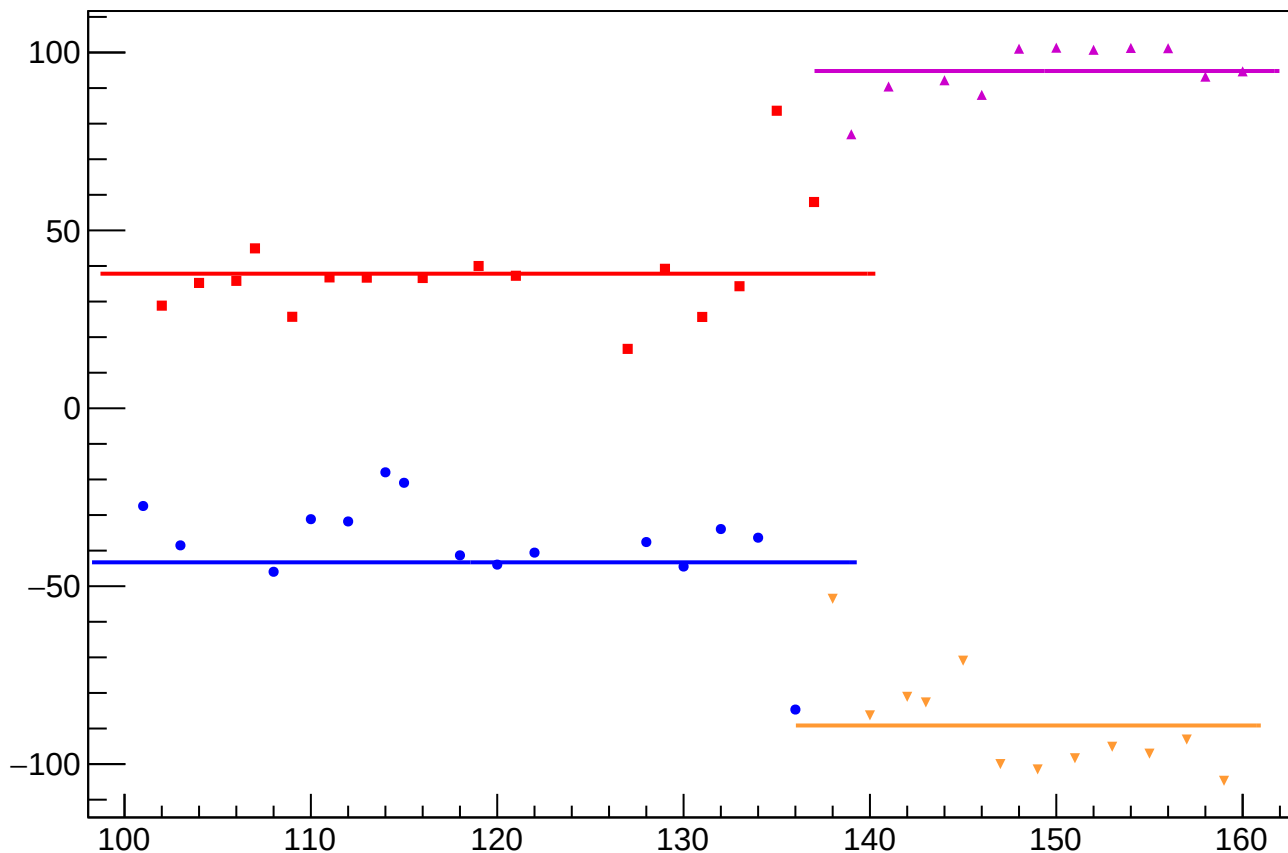
Right In: 2.867 ± 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.185 ± 0.000 χ^2/NDF : 75501266637773006003816821161984.0/11
 Right Out: -2.821 ± 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: -2.317 ± 0.000 χ^2/NDF : 114372564725079889099013285216256.0/10
 All: -0.050 ± 0.000 χ^2/NDF : 2667065323258

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	Left: -55.473+/-0.000	χ^2/NDF : 2837966684325657
Left Out: 1175.478+/-0.000	χ^2/NDF : 39966991584790626200337106489810354176.0/11	Right: 33.659+/-0.000	χ^2/NDF : 1569083056347410
Right Out: -1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	In: -294.641+/-0.000	χ^2/NDF : 2223953426306853
Left In: -1277.097+/-0.000	χ^2/NDF : 29578729901602647998073818936097374208.0/10	Out: 256.086+/-0.000	χ^2/NDF : 1949816522076708
	All: -18.318+/-0.000	χ^2/NDF : 441314646270	

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: -43.289+/-0.000

χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -89.146+/-0.000

χ^2/NDF : 189364483855471766611288200184856576.0/11

Right Out: 37.832+/-0.000

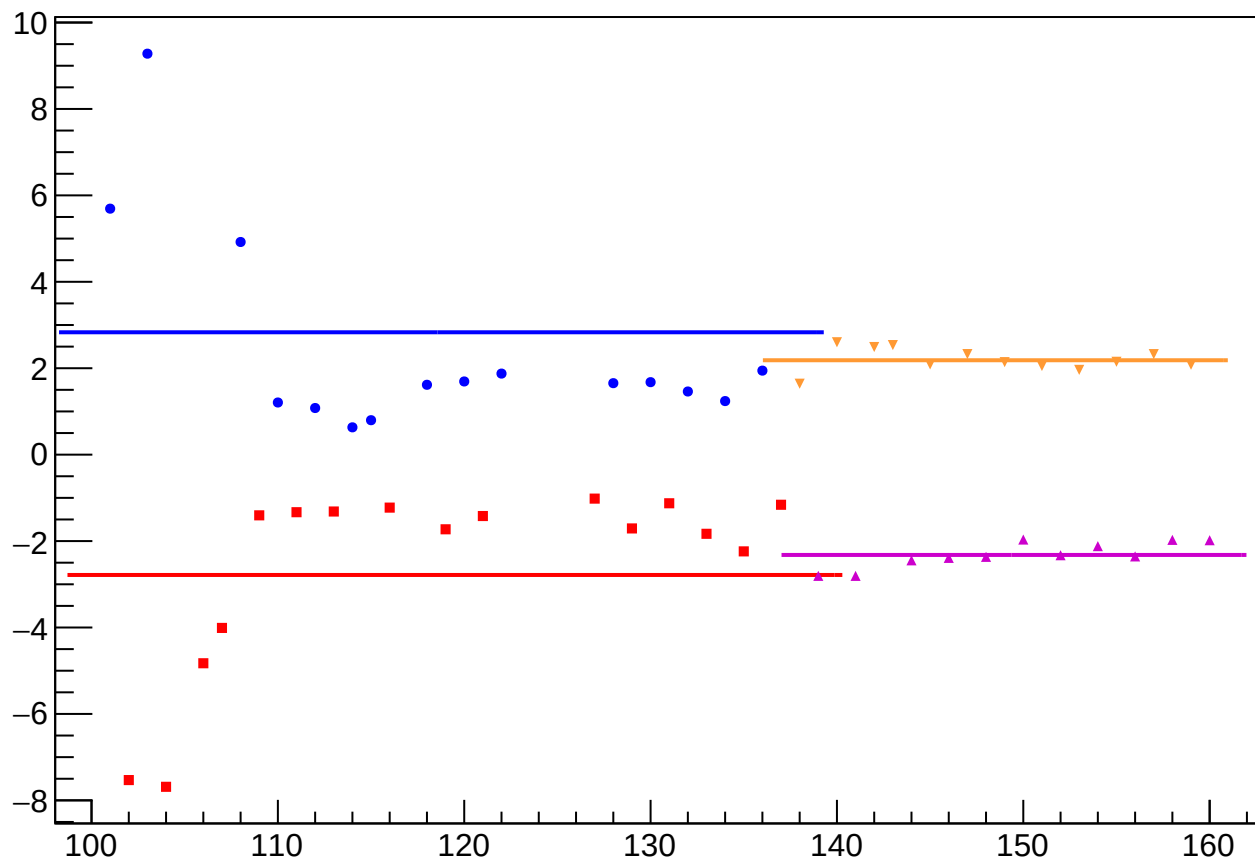
χ^2/NDF : 148683933977204936634636843897323520.0/15

Left In: 94.799+/-0.000

χ^2/NDF : 49077050032611006982156968074936320.0/10

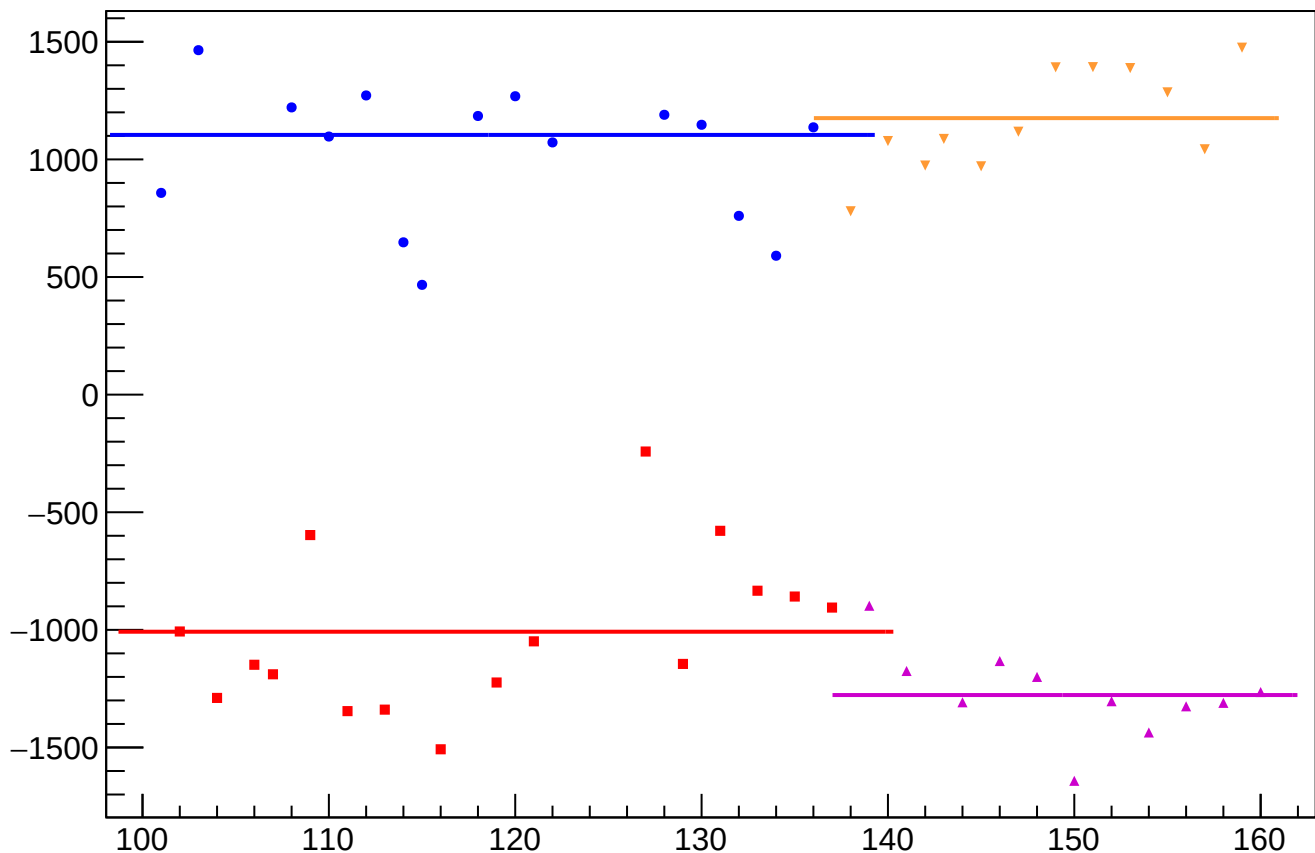
Left: 3.176+/-0.000 χ^2/NDF : 158111837219189498
 Right: -2.174+/-0.000 χ^2/NDF : 2512687101518028
 In: 37.826+/-0.000 χ^2/NDF : 751790372998047563
 Out: -35.677+/-0.000 χ^2/NDF : 6563927039215261
 All: 0.946+/-0.000 χ^2/NDF : 18345835995253

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



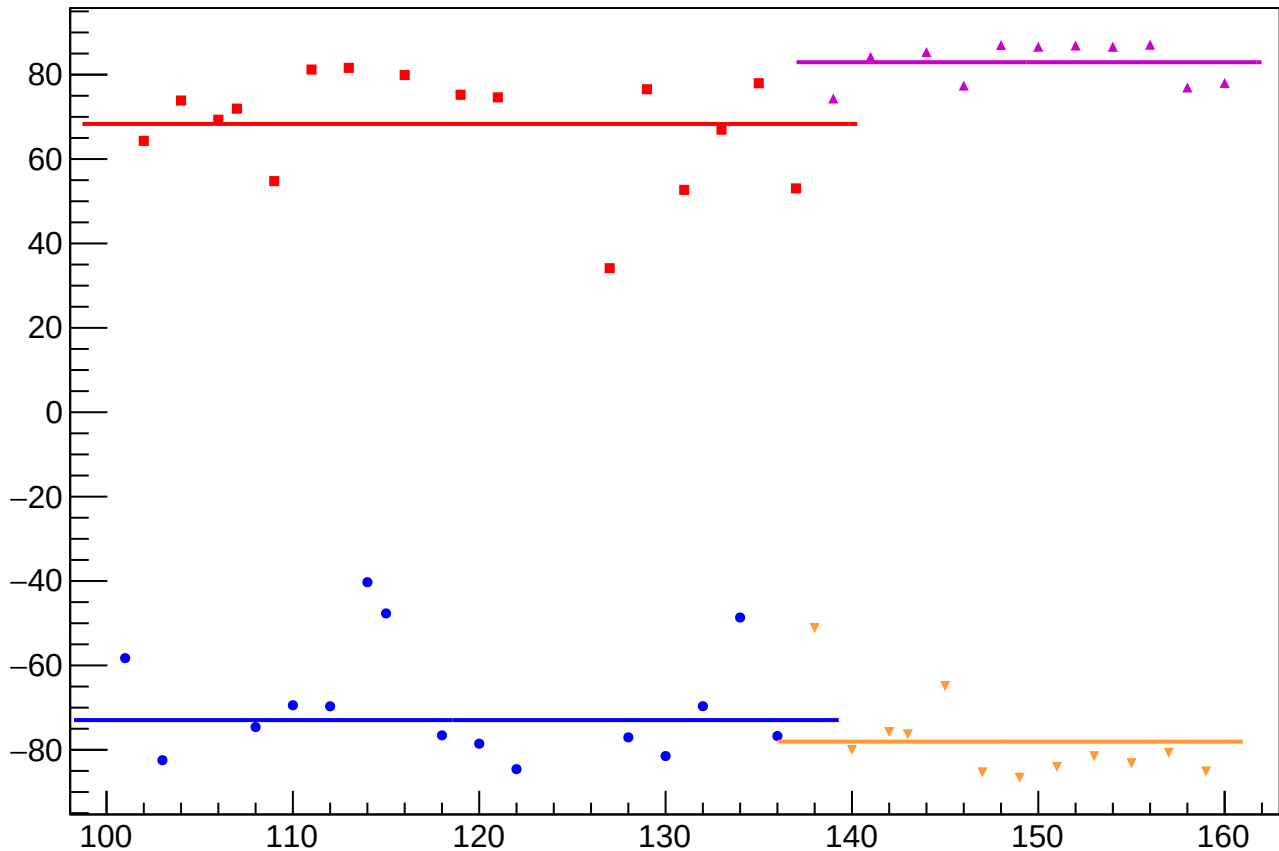
Right In: 2.832 +/- 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.185 +/- 0.000 χ^2/NDF : 60382547029004782914122064855040.0/11
 Right Out: -2.784 +/- 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: -2.321 +/- 0.000 χ^2/NDF : 74619123224616324544404505231360.0/10
 All: -0.051 +/- 0.000 χ^2/NDF : 2740200778569

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10
 All: -18.318 $\pm$ 0.000 χ^2 /NDF: 441314646270

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: -72.949 $\pm$ 0.000

Left Out: -78.060 $\pm$ 0.000

Right Out: 68.324 $\pm$ 0.000

Left In: 82.954 $\pm$ 0.000

χ^2 /NDF: 65755428464857980306879126291087360.0/14

χ^2 /NDF: 92076989783561024991215559553056768.0/11

χ^2 /NDF: 106694344898202364483367131372584960.0/15

χ^2 /NDF: 20419157774877297849205303170564096.0/10

Left: 2.753 $\pm$ 0.000 χ^2 /NDF: 120446033941350185

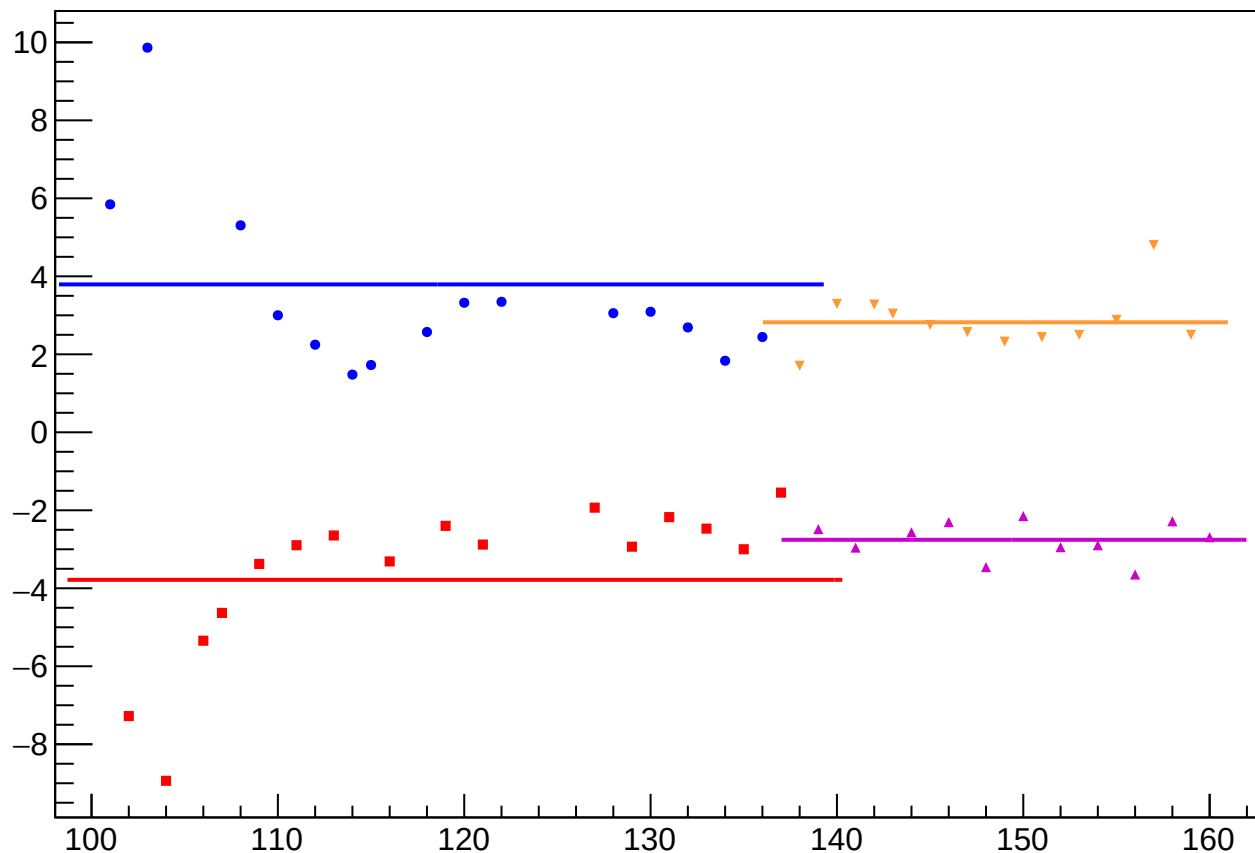
Right: -1.347 $\pm$ 0.000 χ^2 /NDF: 6737392391922205

In: 18.630 $\pm$ 0.000 χ^2 /NDF: 935227547229560147

Out: -16.420 $\pm$ 0.000 χ^2 /NDF: 8473003169479840

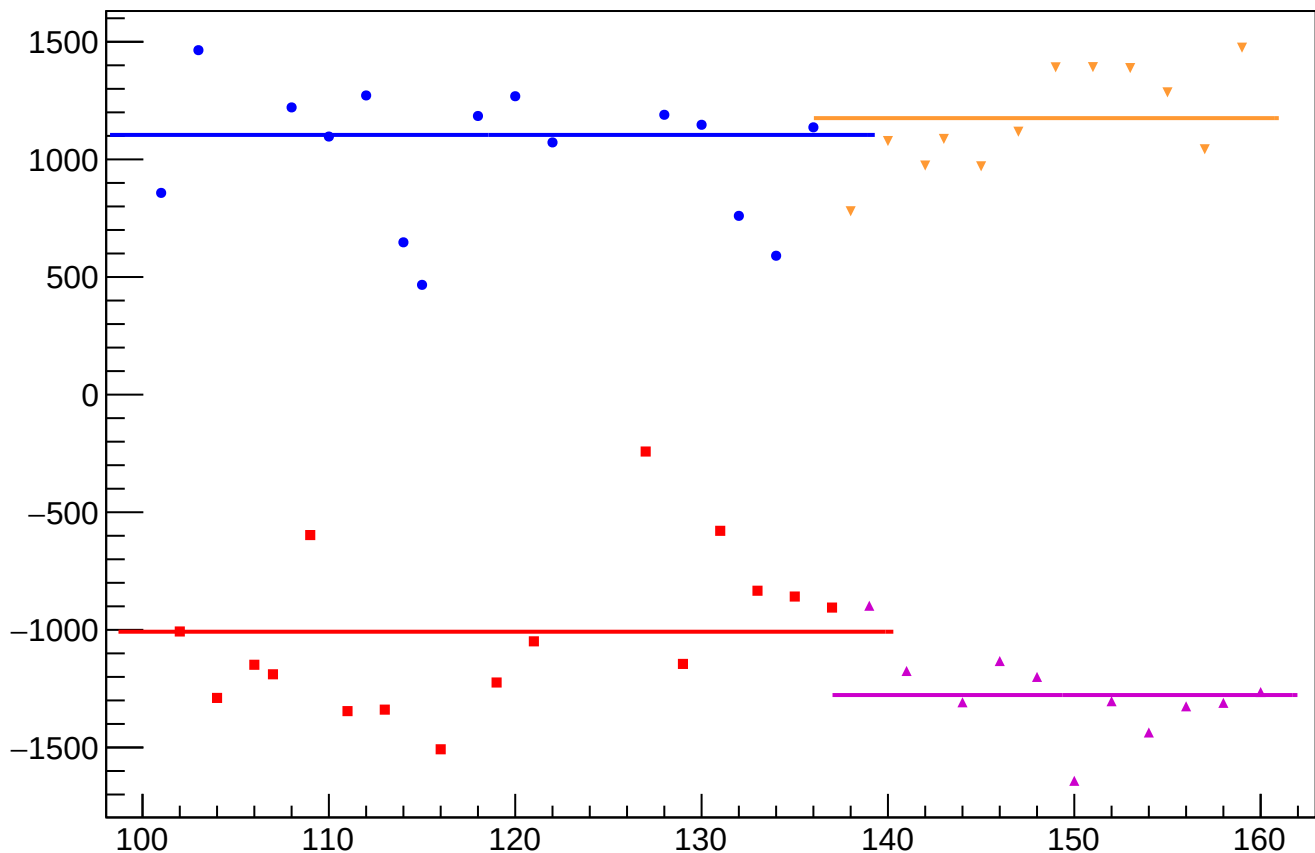
All: 1.044 $\pm$ 0.000 χ^2 /NDF: 18794892606633

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



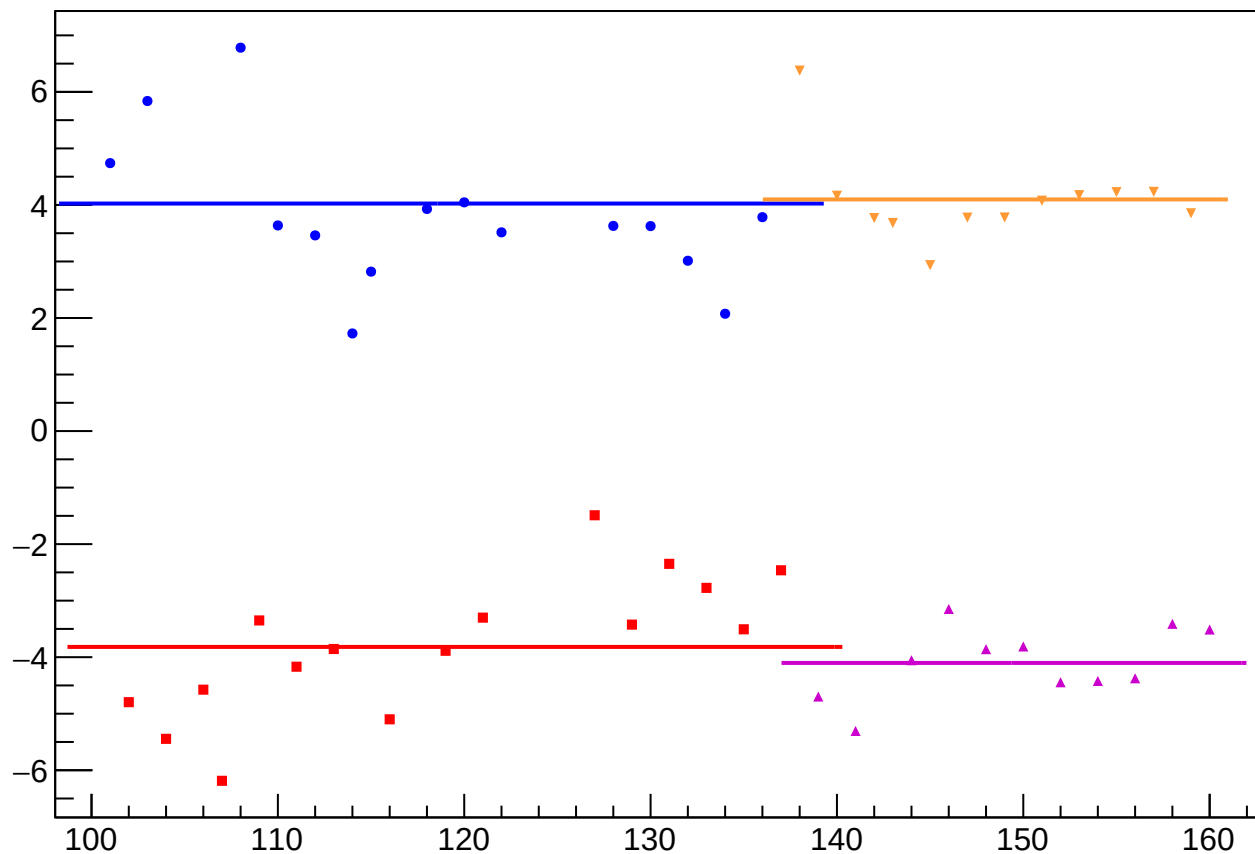
Right In: 3.793 $\pm$ 0.000 χ^2 /NDF: 3205389242726129619796290810413056.0/14
 Left Out: 2.821 $\pm$ 0.000 χ^2 /NDF: 493082555580785627275797679046656.0/11
 Right Out: -3.783 $\pm$ 0.000 χ^2 /NDF: 2878586622192676654452338755371008.0/15
 Left In: -2.757 $\pm$ 0.000 χ^2 /NDF: 191720746547732306226054042746880.0/10
 All: -0.007 $\pm$ 0.000 χ^2 /NDF: 3996925901016

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



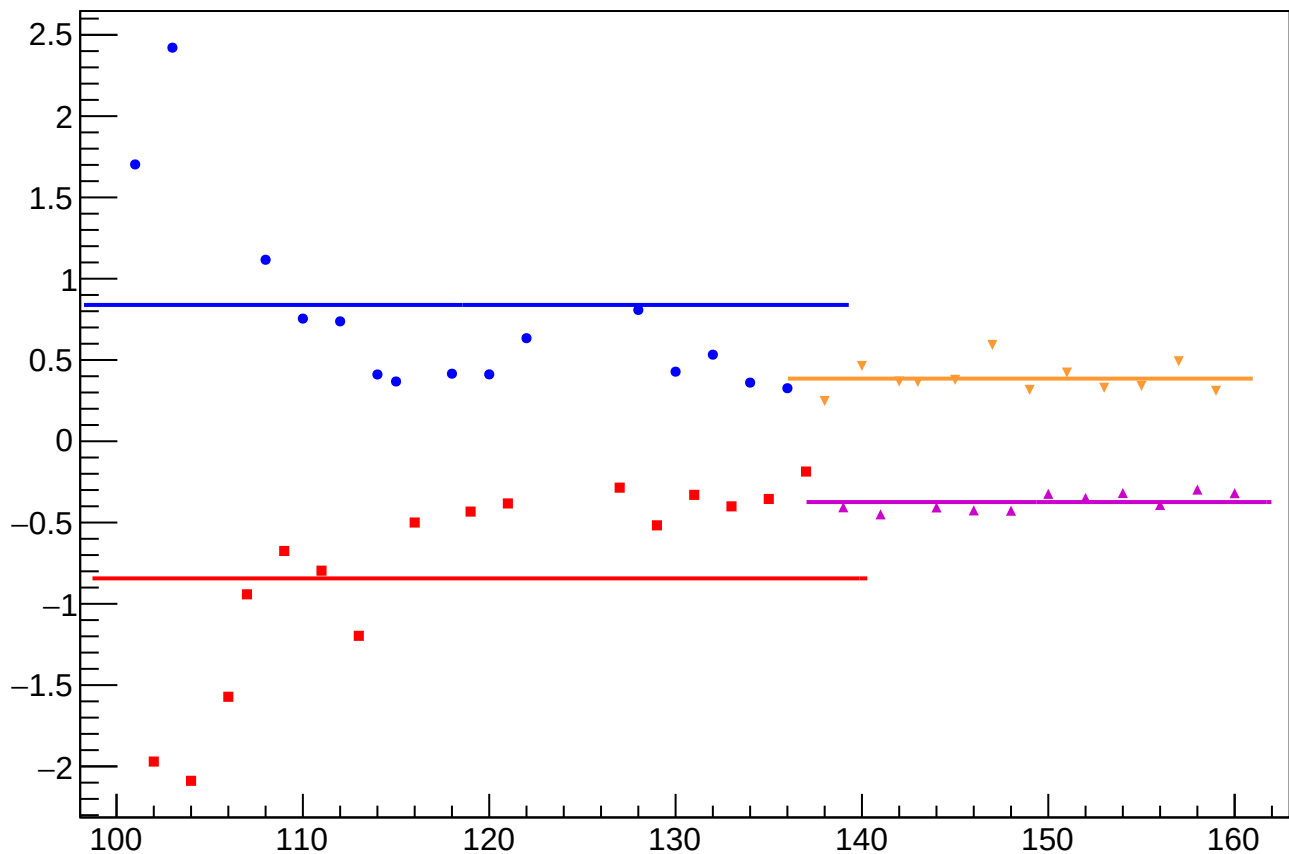
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10
 All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 4.025 ± 0.000 $\chi^2/\text{NDF}: 769001650442321928129473832550400.0/14$
 Left Out: 4.098 ± 0.000 $\chi^2/\text{NDF}: 556317927026663328650590815256576.0/11$
 Right Out: -3.819 ± 0.000 $\chi^2/\text{NDF}: 888232240226434329114859171479552.0/15$
 Left In: -4.102 ± 0.000 $\chi^2/\text{NDF}: 329978343606173709019066465779712.0/10$
 All: 0.010 ± 0.000 $\chi^2/\text{NDF}: 53722994028363$

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839+/-0.000

χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.385+/-0.000

χ^2/NDF : 7658632015844553503510259302400.0/11

Right Out: -0.844+/-0.000

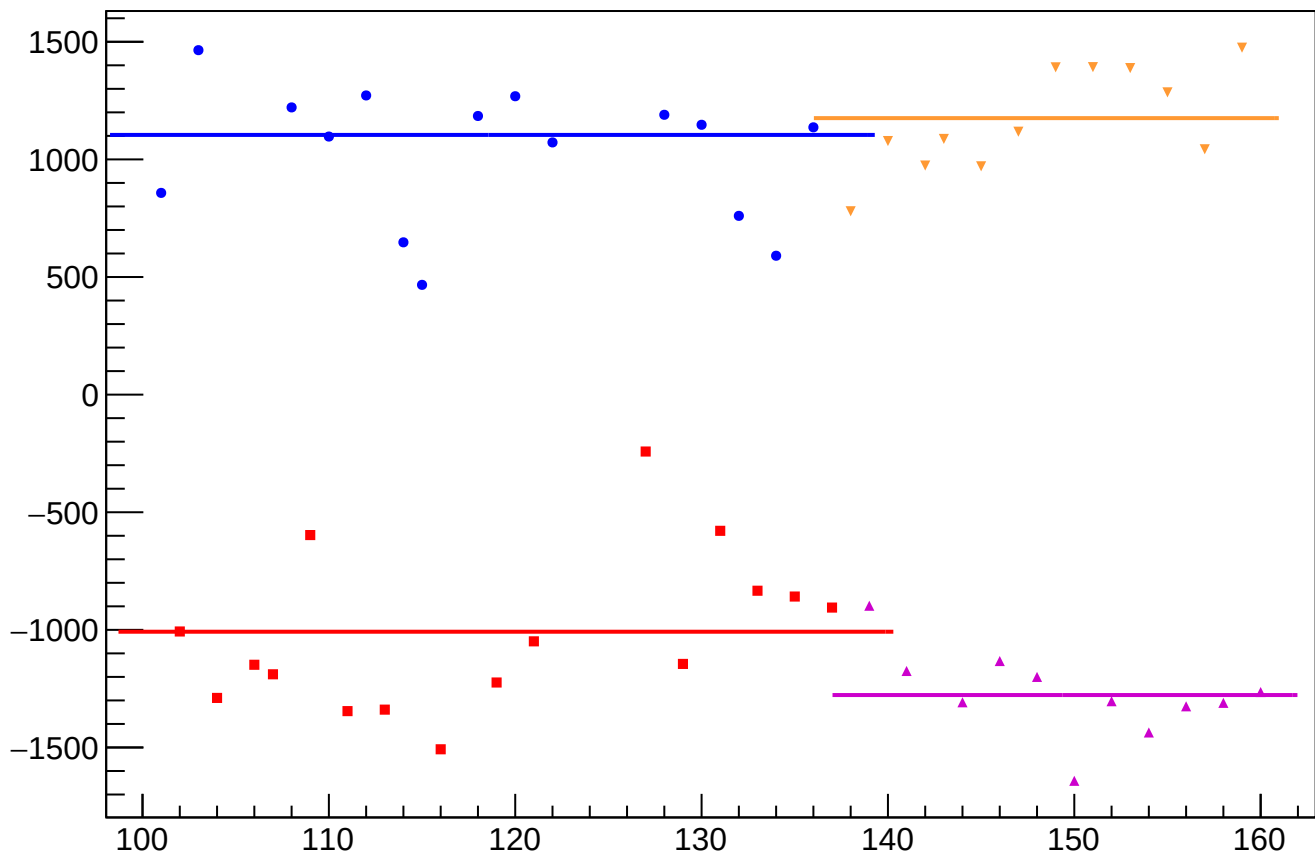
χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: -0.374+/-0.000

χ^2/NDF : 2408191855928929204652403064832.0/10

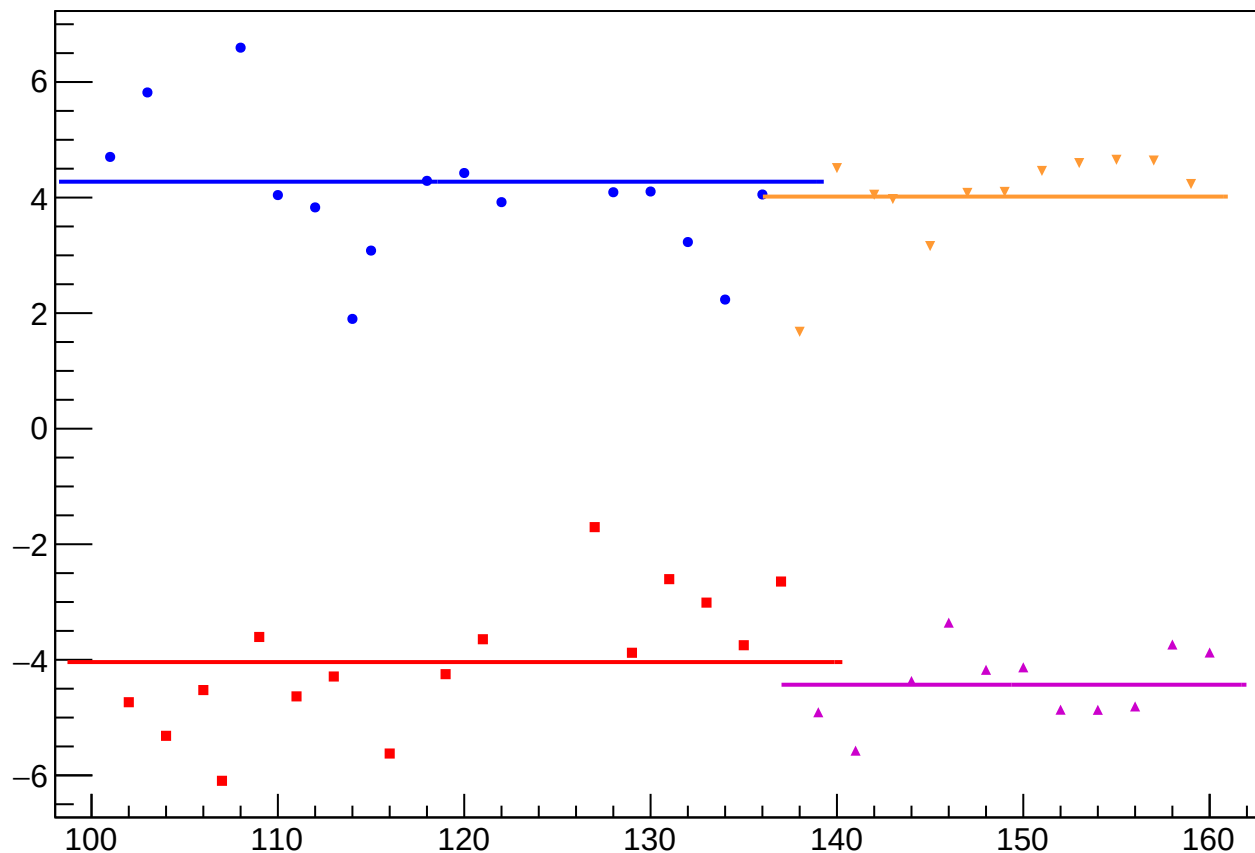
All: -0.003+/-0.000 χ^2/NDF : 1717963471846

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



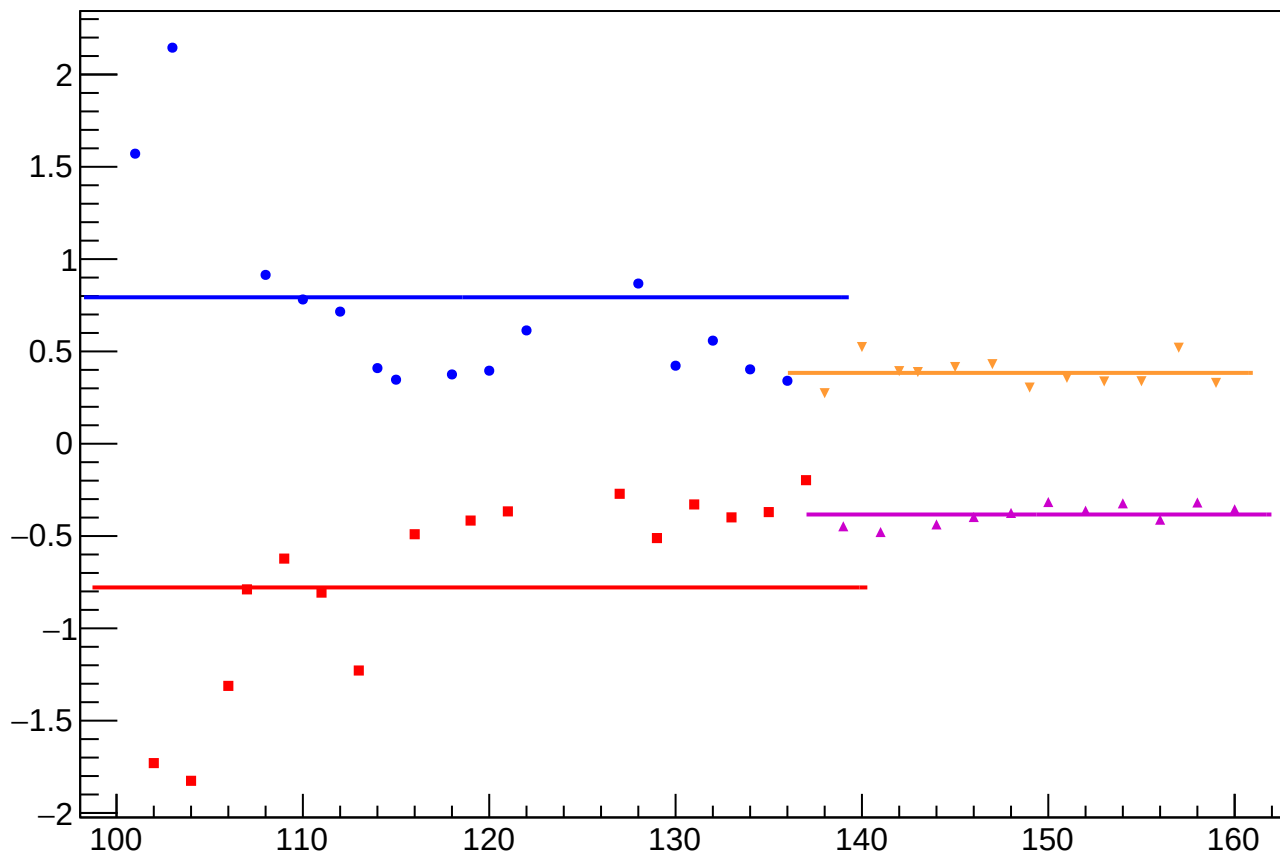
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478+/-0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10
 All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_4eY_coil3_mean vs Slug, Sign Corrected



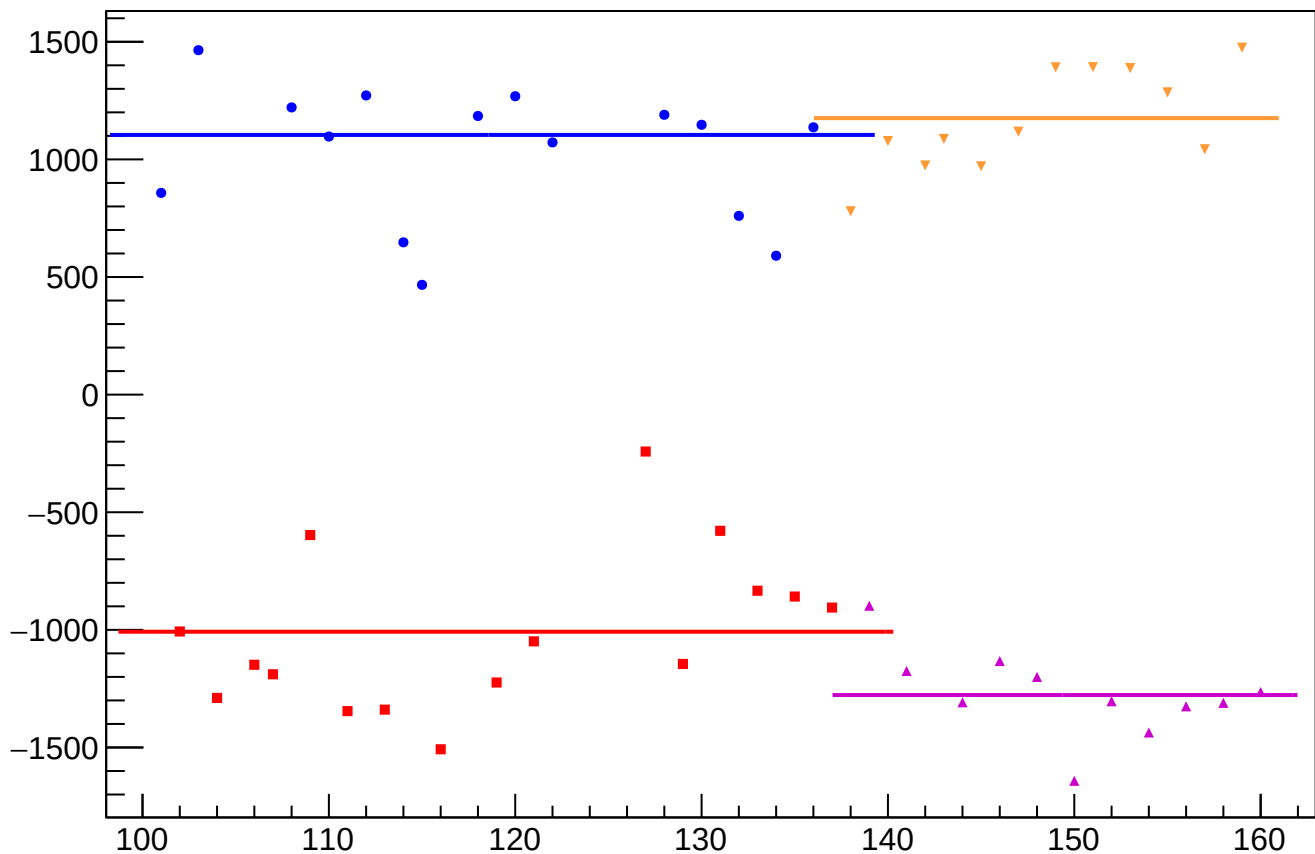
Right In: 4.275 ± 0.000 $\chi^2/\text{NDF}: 597188707898198851792415435522048.0/14$
 Left Out: 4.017 ± 0.000 $\chi^2/\text{NDF}: 618248057516763535647221148024832.0/11$
 Right Out: -4.039 ± 0.000 $\chi^2/\text{NDF}: 772368848194464324973108765130752.0/15$
 Left In: -4.432 ± 0.000 $\chi^2/\text{NDF}: 345602703191245770554210363899904.0/10$
 All: -0.105 ± 0.000 $\chi^2/\text{NDF}: 5798588816900$

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



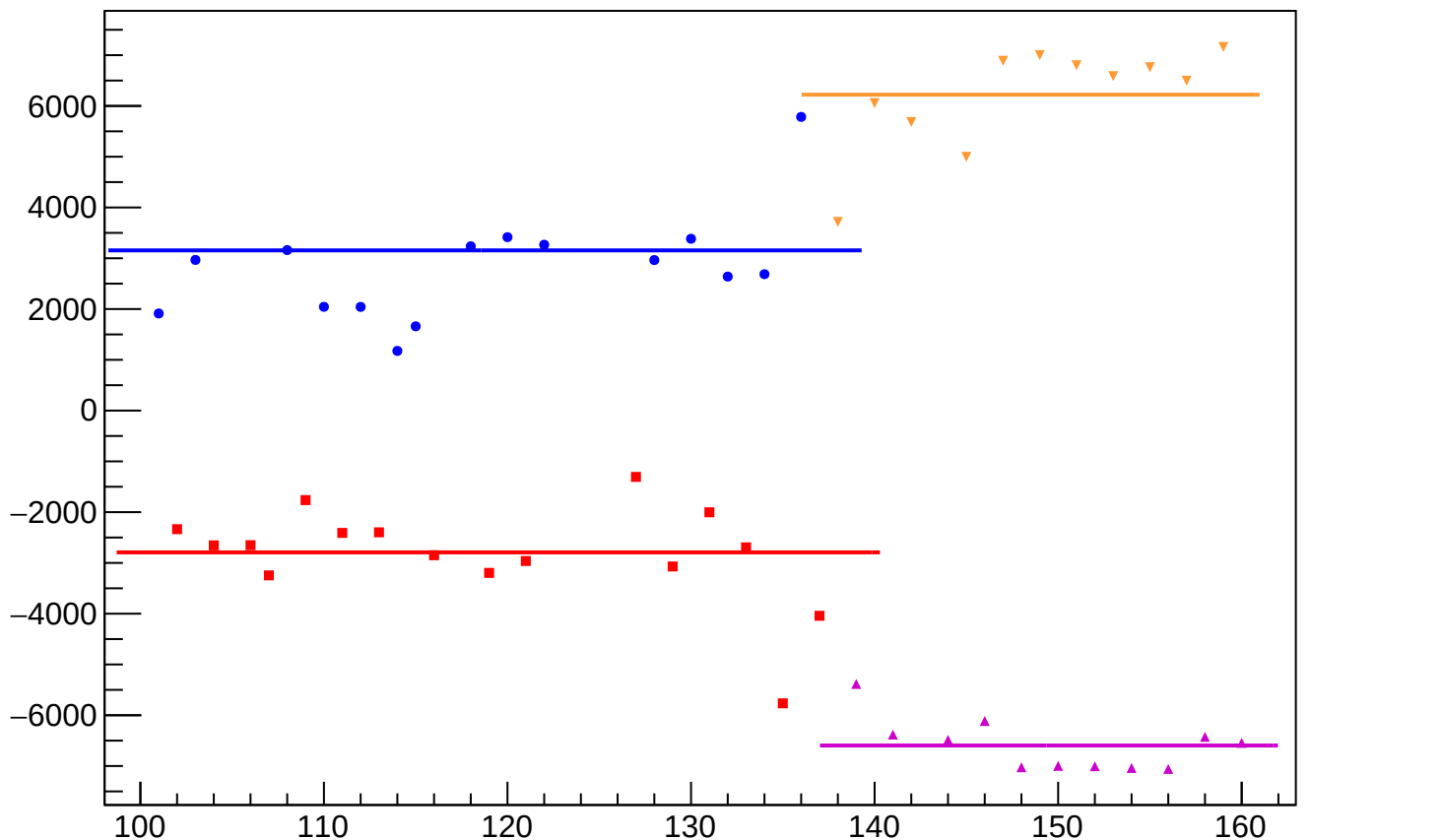
Right In: 0.793 ± 0.000 $\chi^2/\text{NDF}: 195508777173589483440314700005376.0/14$
 Left Out: 0.384 ± 0.000 $\chi^2/\text{NDF}: 5453192114665634094551262035968.0/11$
 Right Out: -0.778 ± 0.000 $\chi^2/\text{NDF}: 185814635772183306063903690063872.0/15$
 Left In: -0.383 ± 0.000 $\chi^2/\text{NDF}: 2618375268437967875049691021312.0/10$
 All: -0.002 ± 0.000 $\chi^2/\text{NDF}: 1472702124552$

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



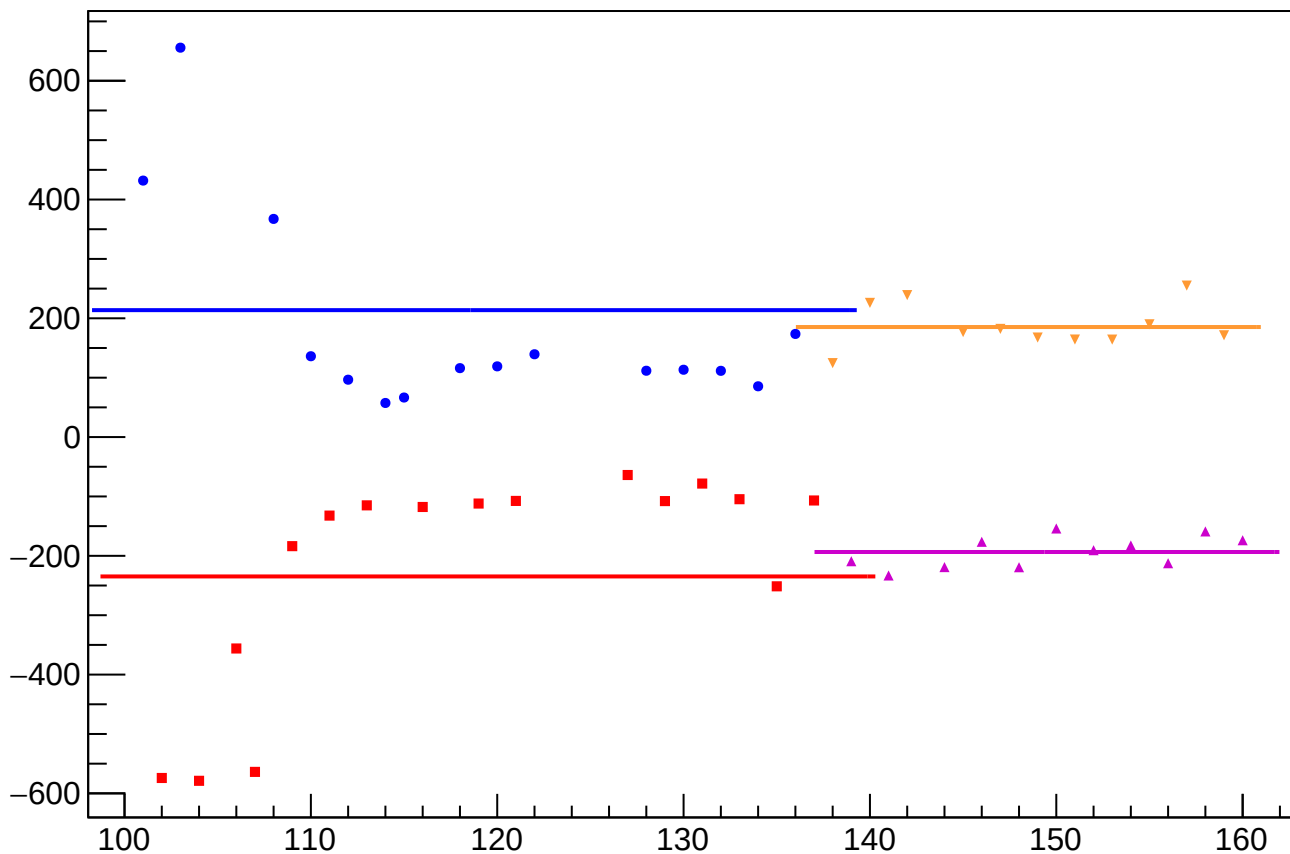
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 +/- 0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10
 All: -18.318 +/- 0.000 χ^2/NDF : 441314646270

dit_usl_coil3_mean vs Slug, Sign Corrected



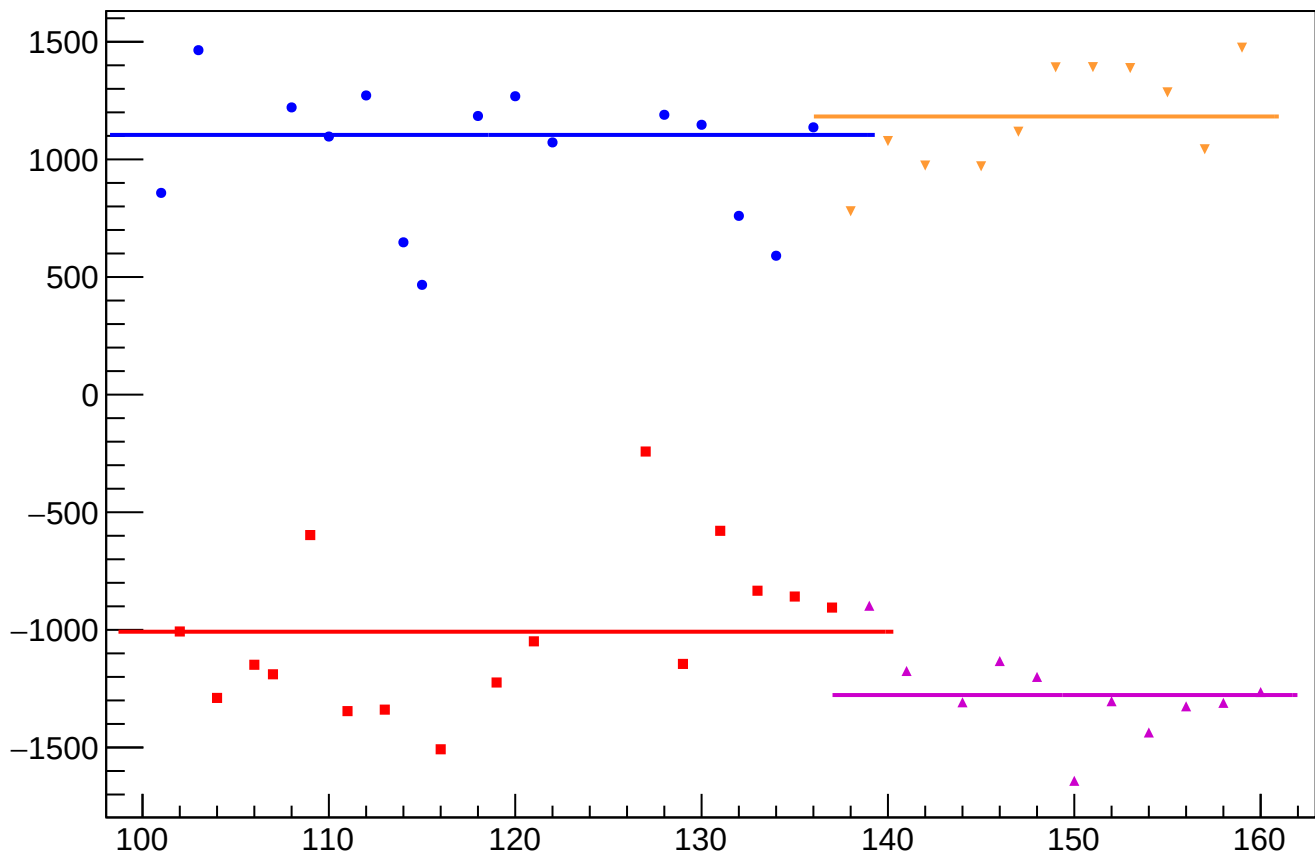
Right In: 3155.434 ± 0.000 $\chi^2/\text{NDF}: 903550534773622902110918214033612996608.0/14$
 Left Out: 6221.938 ± 0.000 $\chi^2/\text{NDF}: 849977473152285312907595623686819807232.0/10$
 Right Out: -2792.245 ± 0.000 $\chi^2/\text{NDF}: 674635749324173001973264427530986717184.0/15$
 Left In: -6595.861 ± 0.000 $\chi^2/\text{NDF}: 225164805715400368671043826745864093696.0/10$
 All: -200.802 ± 0.000 $\chi^2/\text{NDF}: 87295634683$

dit_usl_coil3_err_mean vs Slug, Sign Corrected



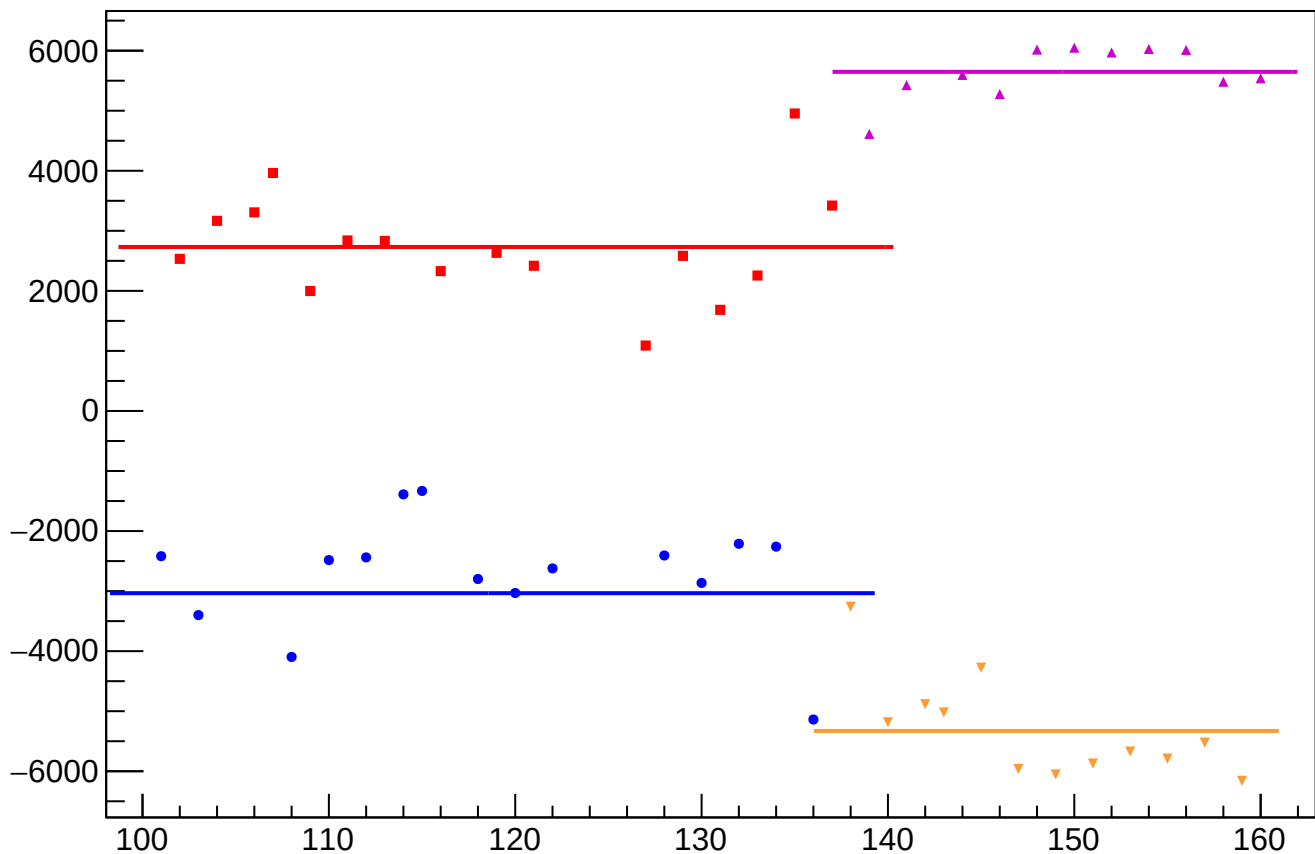
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 185.291+/-0.000 χ^2/NDF : 1063728674006350590661838746148667392.0/10
 Right Out: -234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: -193.543+/-0.000 χ^2/NDF : 598931150644293332680217057881489408.0/10
 All: -12.677+/-0.000 χ^2/NDF : 175086374280

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1182.447+/-0.000 χ^2/NDF : 39401916671919600348661592701888626688.0/10
 Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1277.097+/-0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10
 All: -42.286+/-0.000 χ^2/NDF : 432950679043

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527+/-0.000

Left Out: -5328.796+/-0.000

Right Out: 2731.035+/-0.000

Left In: 5647.632+/-0.000

χ^2/NDF : 630694553353463868547335175090919702528.0/14

χ^2/NDF : 624360364489310892896763337628232712192.0/11

χ^2/NDF : 528290847703567991555694629239211950080.0/15

χ^2/NDF : 164214312908035645215126356935491715072.0/10

Left: 180.286+/-0.000 χ^2/NDF : 5623960543067202

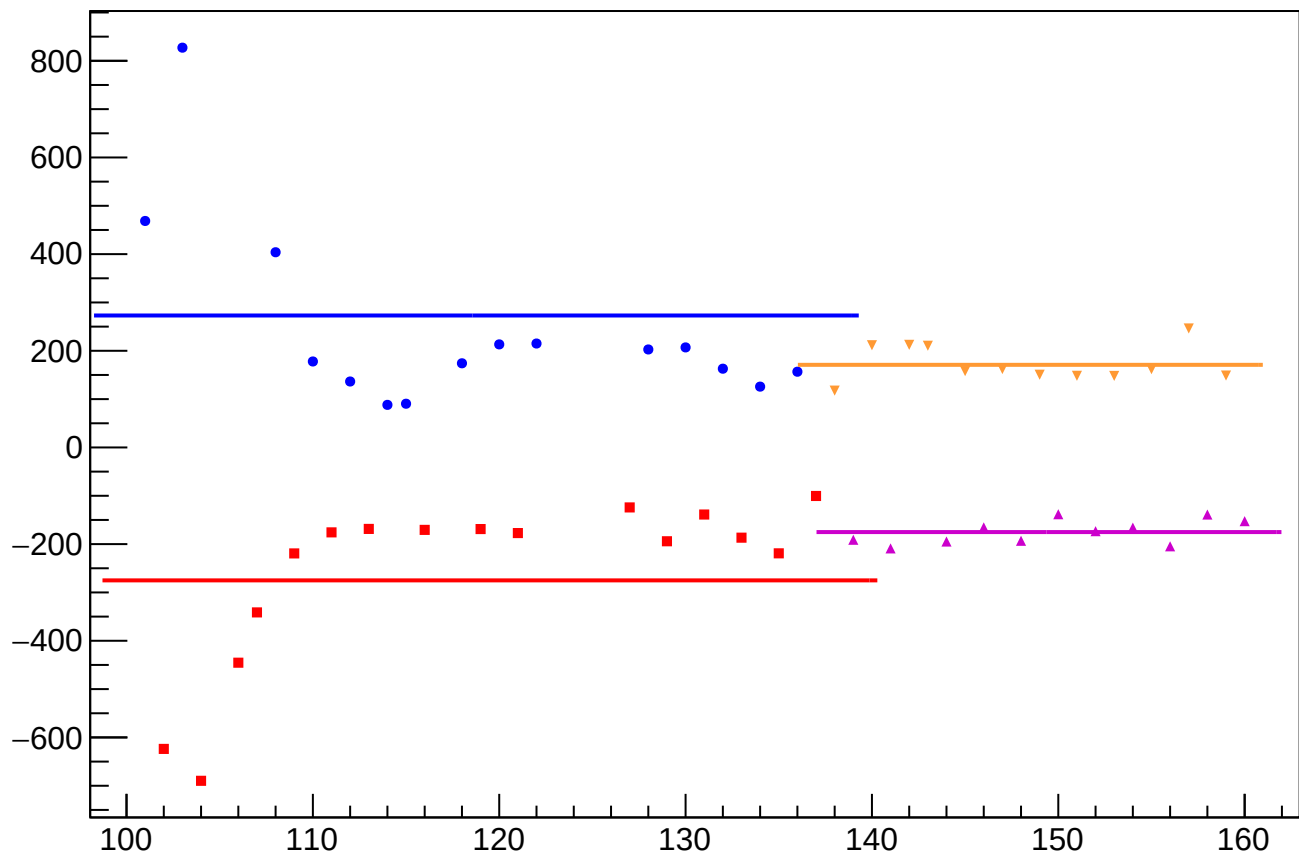
Right: -112.316+/-0.000 χ^2/NDF : 12093460154256

In: 2065.482+/-0.000 χ^2/NDF : 2953204271382502

Out: -1934.916+/-0.000 χ^2/NDF : 26236367057963

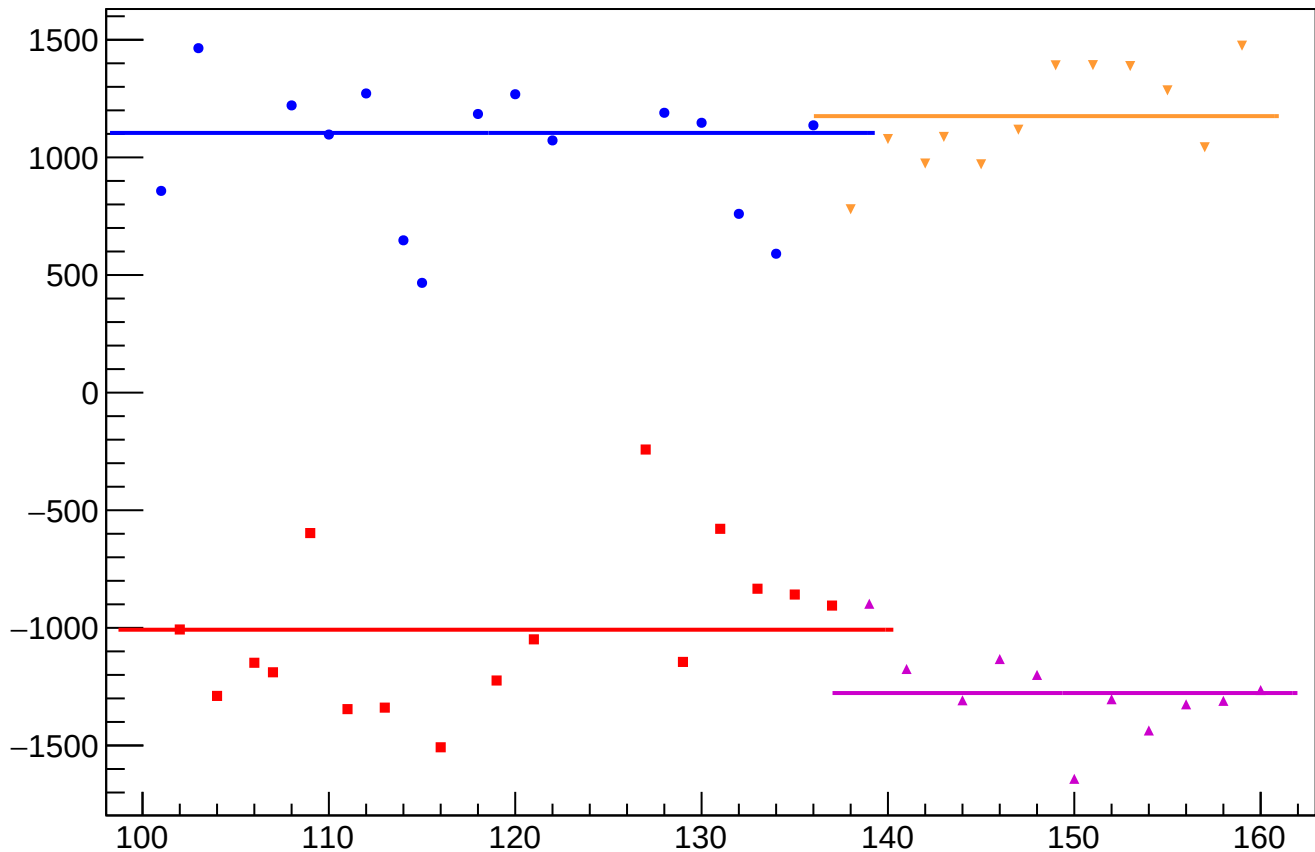
All: 58.314+/-0.000 χ^2/NDF : 6839876914332

dit_usr_coil3_err_mean vs Slug, Sign Corrected



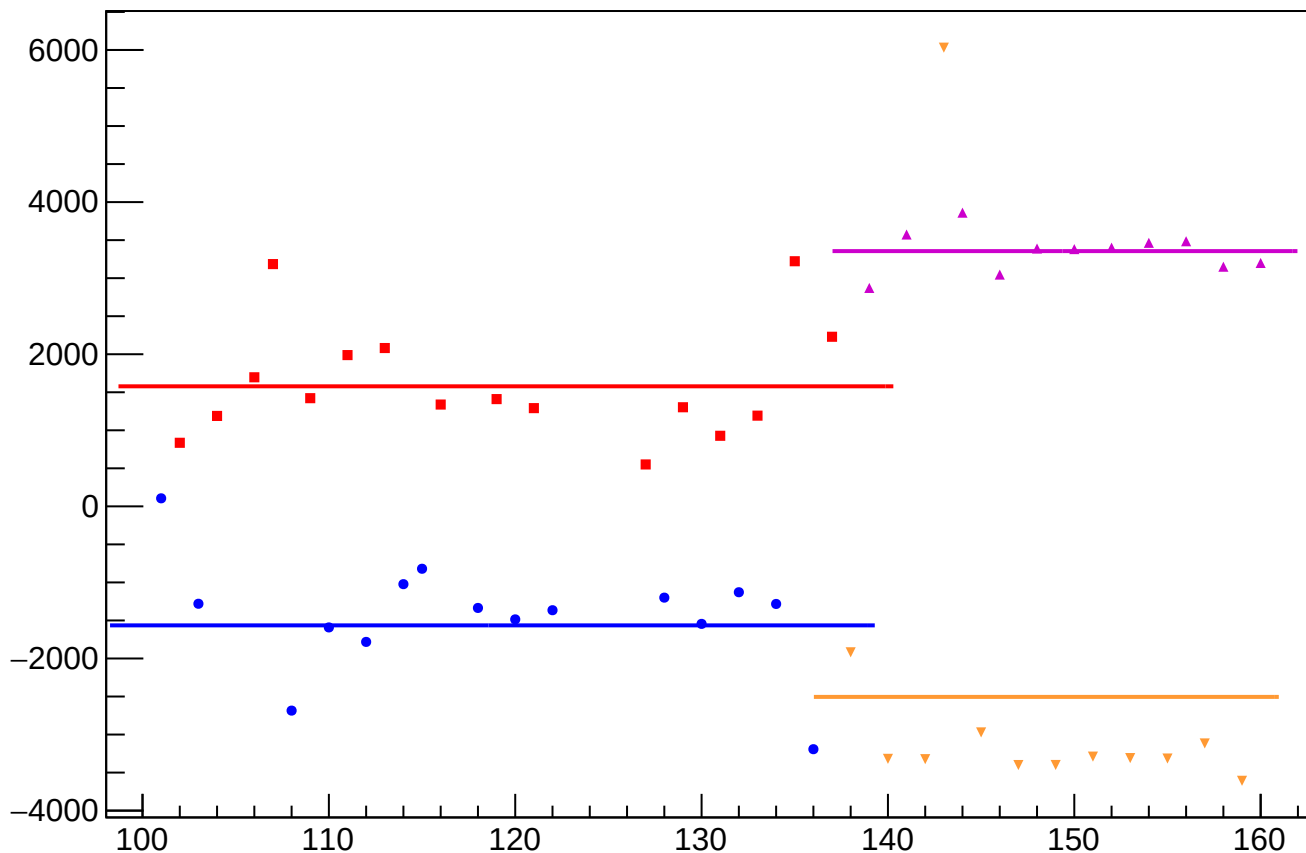
Right In: 273.039 $\pm$ 0.000 χ^2 /NDF: 26485935053341175092913795212184125440.0/14
 Left Out: 170.956 $\pm$ 0.000 χ^2 /NDF: 1172503860973970615331214508834160640.0/11
 Right Out: -275.044 $\pm$ 0.000 χ^2 /NDF: 22264760088752901792561892991657050112.0/15
 Left In: -175.100 $\pm$ 0.000 χ^2 /NDF: 532319905760316522814470909096624128.0/10
 All: -3.572 $\pm$ 0.000 χ^2 /NDF: 2043863140361

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10
 All: -18.318 $\pm$ 0.000 χ^2 /NDF: 441314646270

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000

Left Out: -2504.960+/-0.000

Right Out: 1578.178+/-0.000

Left In: 3355.712+/-0.000

χ^2/NDF : 483874800978571042578975757029039144960.0/14

χ^2/NDF : 5422497697613230212283297952400402284544.0/11

χ^2/NDF : 368450572556217564071963203581098590208.0/15

χ^2/NDF : 61603128430044333980990125877093203968.0/10

Left: 436.518+/-0.000 χ^2/NDF : 2129229946412922

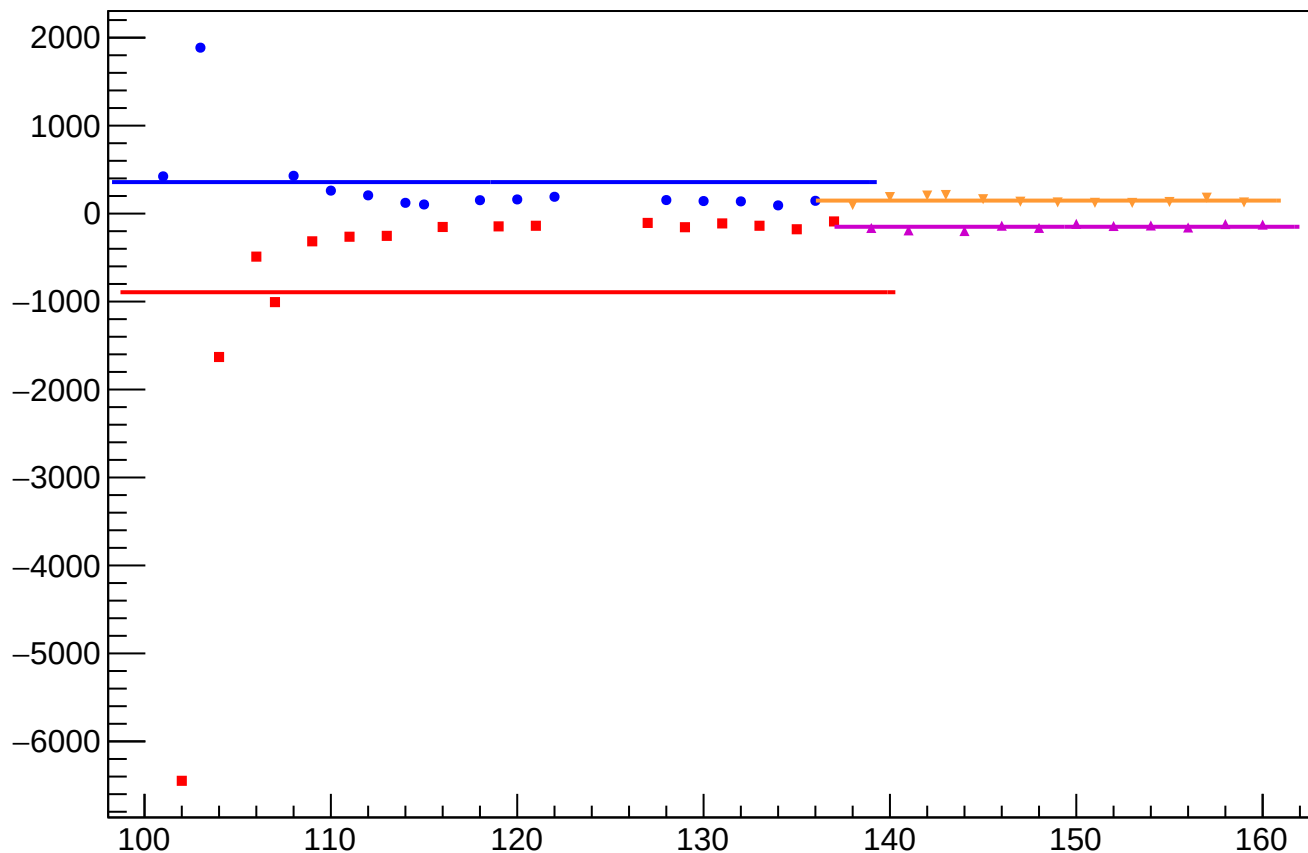
Right: 28.285+/-0.000 χ^2/NDF : 4101258280925694

In: 1325.655+/-0.000 χ^2/NDF : 977485555761575

Out: -785.608+/-0.000 χ^2/NDF : 122286097015398

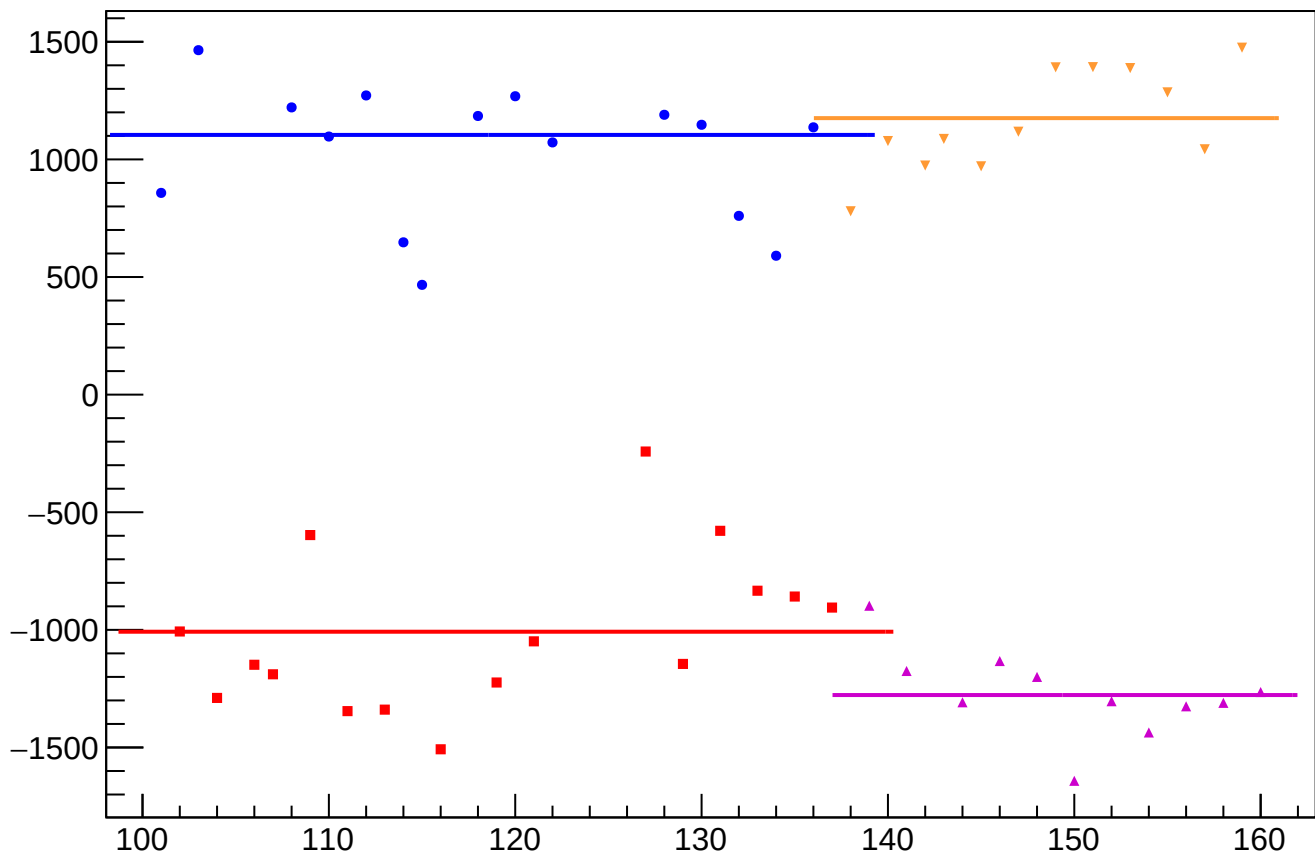
All: 266.345+/-0.000 χ^2/NDF : 255214523753

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



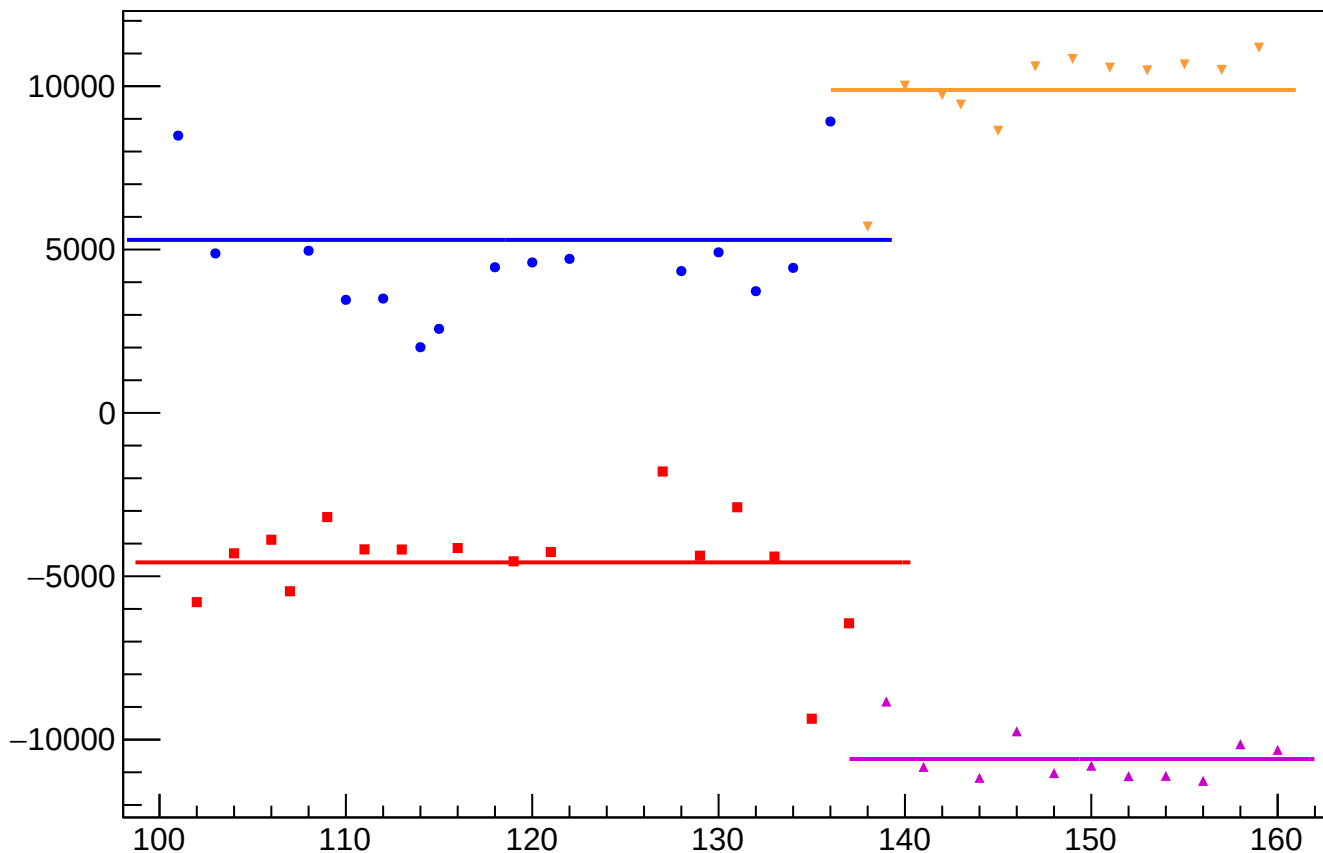
Right In: 358.080 ± 0.000 $\chi^2/\text{NDF}: 157922789145697858165644452090202816512.0/14$
 Left Out: 147.874 ± 0.000 $\chi^2/\text{NDF}: 1073020519575473807448825753294077952.0/11$
 Right Out: -893.897 ± 0.000 $\chi^2/\text{NDF}: 2075920155774201043572695656797803905024.0/15$
 Left In: -149.829 ± 0.000 $\chi^2/\text{NDF}: 645756718172892804384604635004928000.0/10$
 All: -116.147 ± 0.000 $\chi^2/\text{NDF}: 28499505144$

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



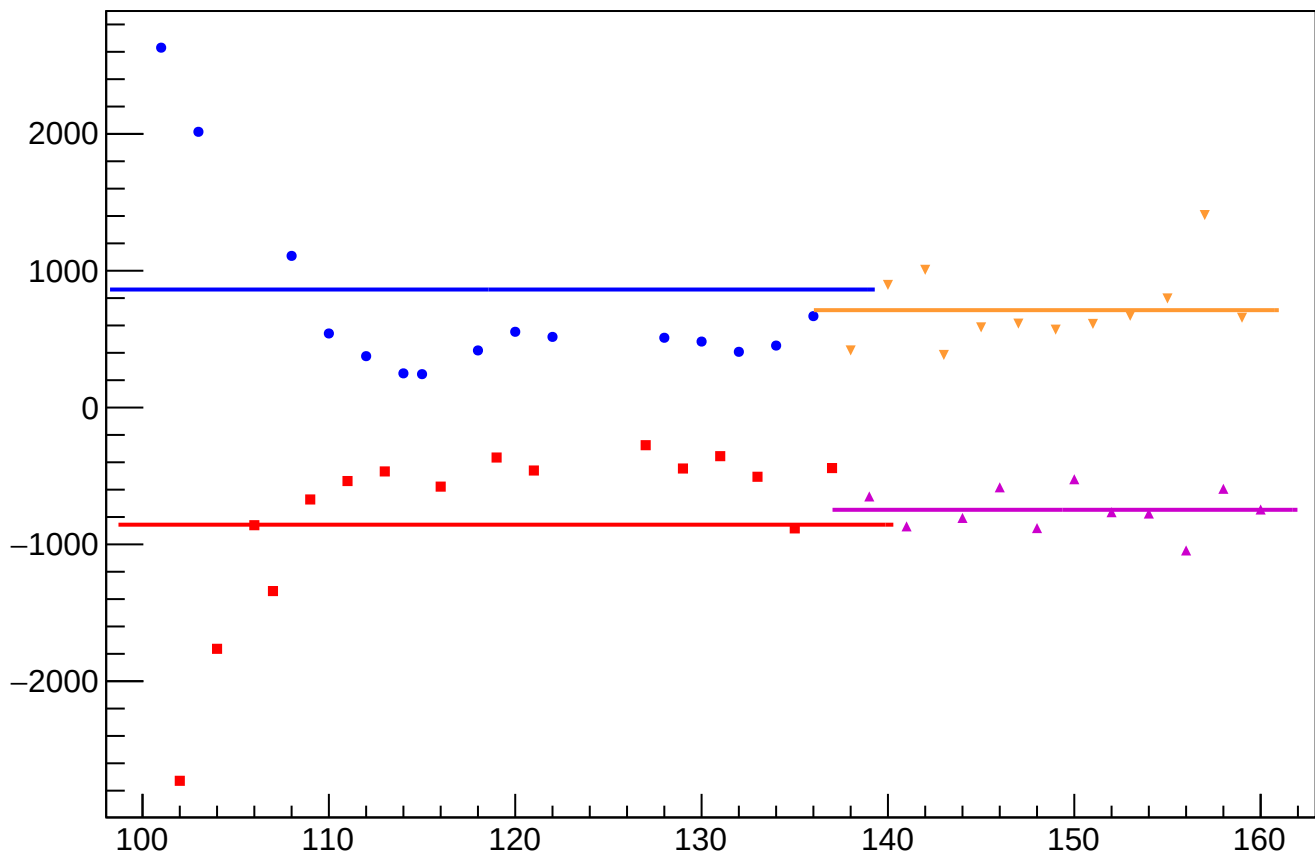
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10
 All: -18.318 $\pm$ 0.000 χ^2 /NDF: 441314646270

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9883.978+/-0.000 χ^2/NDF : 1902428891005248408553336449765040193536.0/11
 Right Out: -4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: -10594.095+/-0.000 χ^2/NDF : 469955671378487676963254464485150162944.0/10
 All: -107.783+/-0.000 χ^2/NDF : 23215590234

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 862.683 +/- 0.000

χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 711.884 +/- 0.000

χ^2/NDF : 64392508404620992008761939417708363776.0/11

Right Out: -856.059 +/- 0.000

χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: -747.275 +/- 0.000

χ^2/NDF : 19678847395727730098310642242030665728.0/10

Left: -20.470 +/- 0.000 χ^2/NDF : 1063996578023286

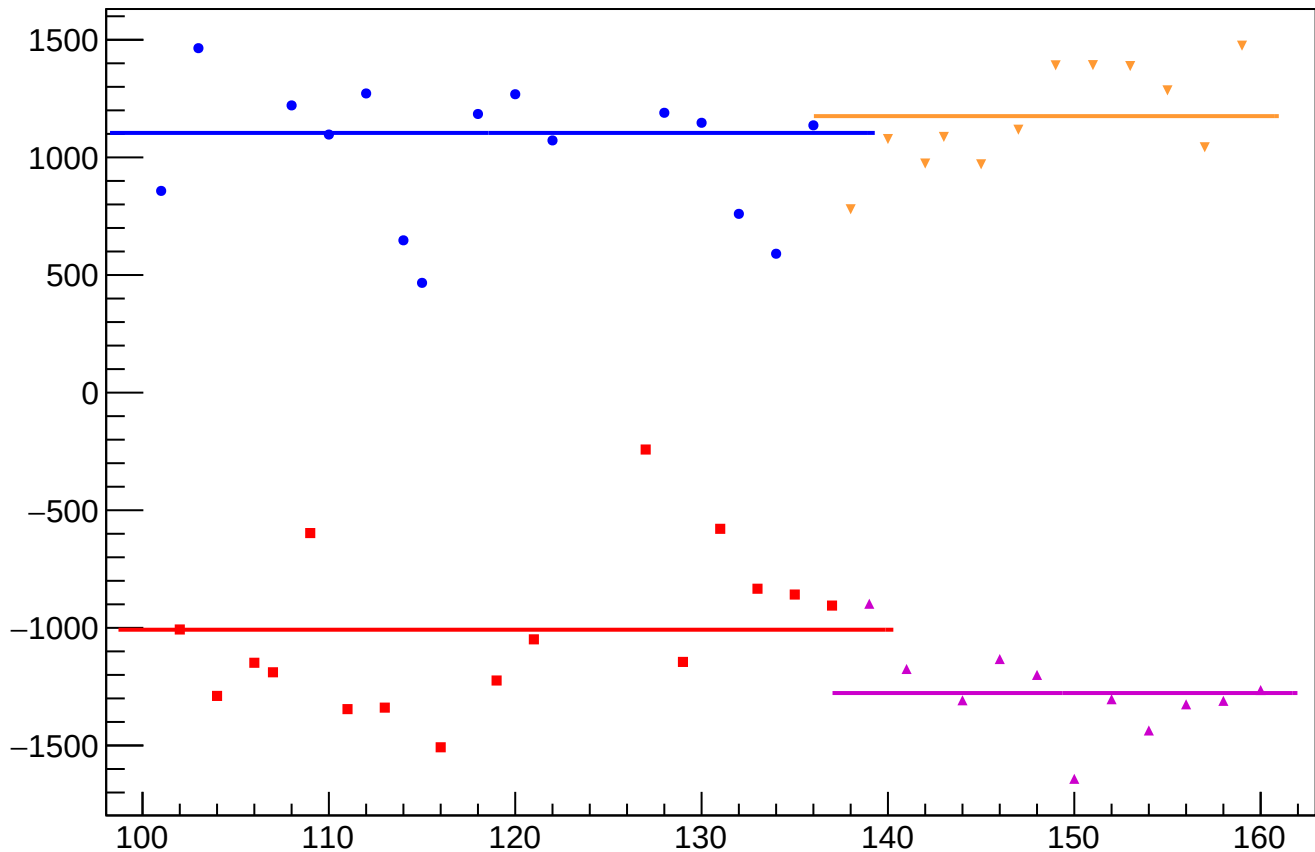
Right: -8.442 +/- 0.000 χ^2/NDF : 1636587396882894

In: -83.027 +/- 0.000 χ^2/NDF : 13454995318402178

Out: 51.646 +/- 0.000 χ^2/NDF : 13408812979789570

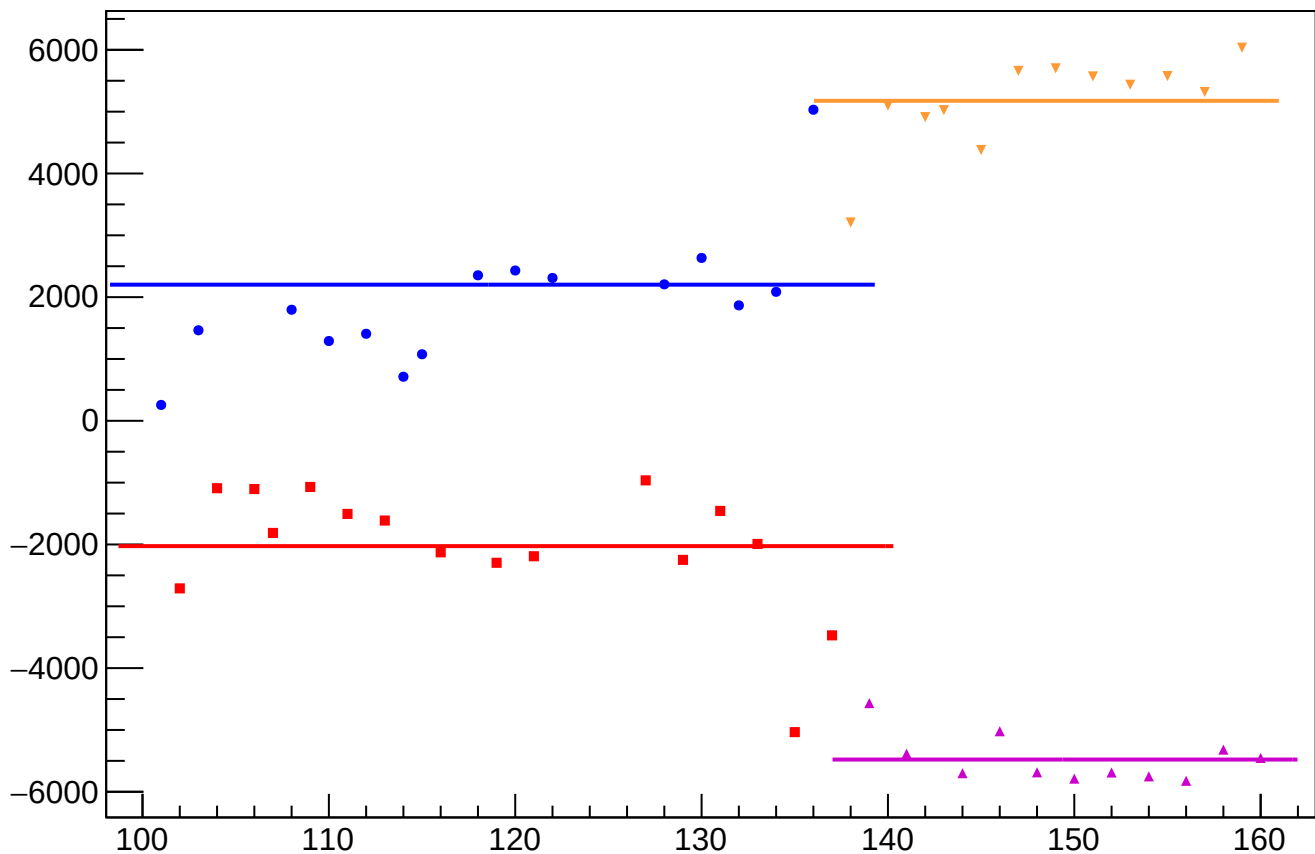
All: -15.456 +/- 0.000 χ^2/NDF : 270069498605

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



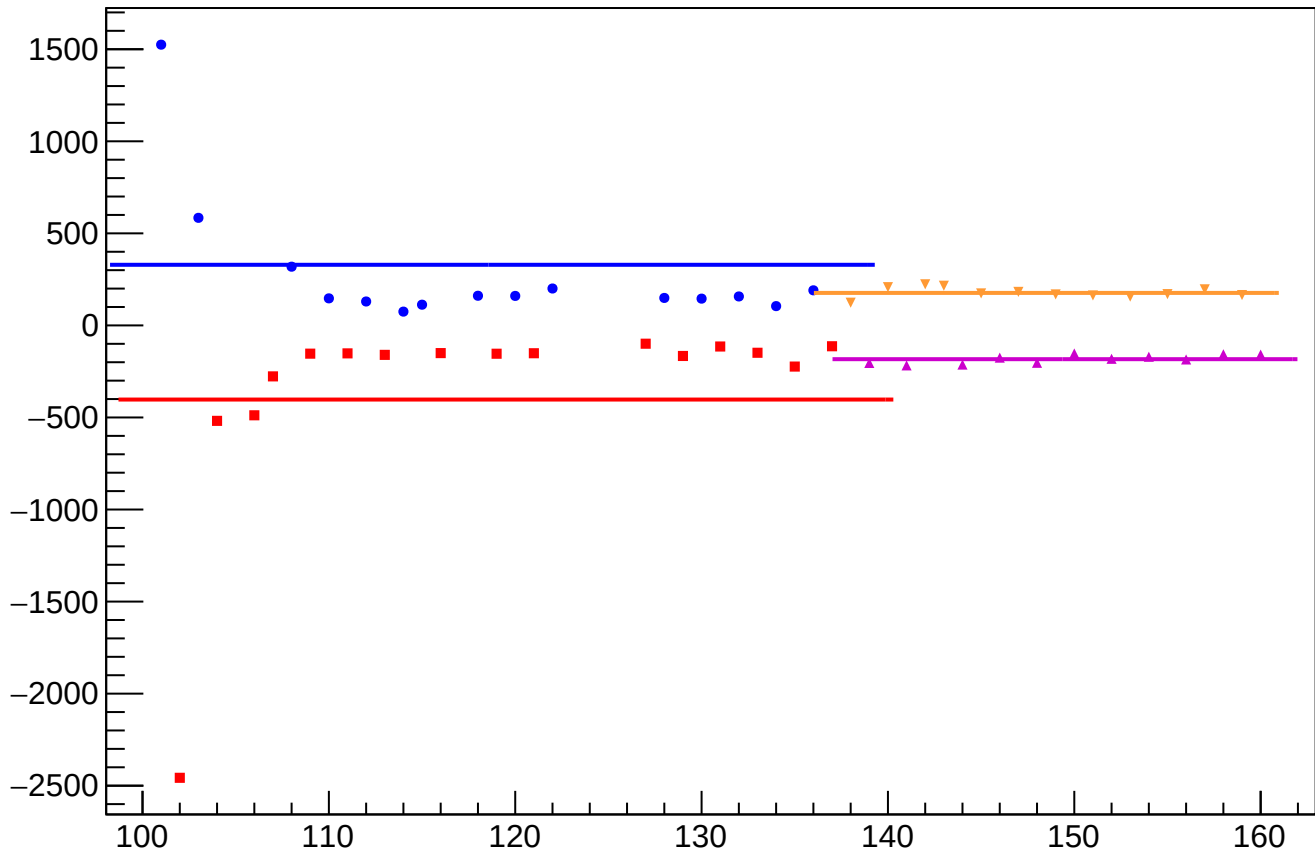
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 +/- 0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10
 All: -18.318 +/- 0.000 χ^2/NDF : 441314646270

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844 ± 0.000 $\chi^2/\text{NDF}: 1086544775216266395419904724422998622208.0/14$
 Left Out: 5175.489 ± 0.000 $\chi^2/\text{NDF}: 491163082398861244777680604445322248192.0/11$
 Right Out: -2026.969 ± 0.000 $\chi^2/\text{NDF}: 708626456603410705124518299956645199872.0/15$
 Left In: -5478.713 ± 0.000 $\chi^2/\text{NDF}: 124186054771424011873849346802583601152.0/10$
 All: -75.831 ± 0.000 $\chi^2/\text{NDF}: 605767549584$

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 329.229+/-0.000

χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 176.521+/-0.000

χ^2/NDF : 603954020649542809657845120778633216.0/11

Right Out: -402.690+/-0.000

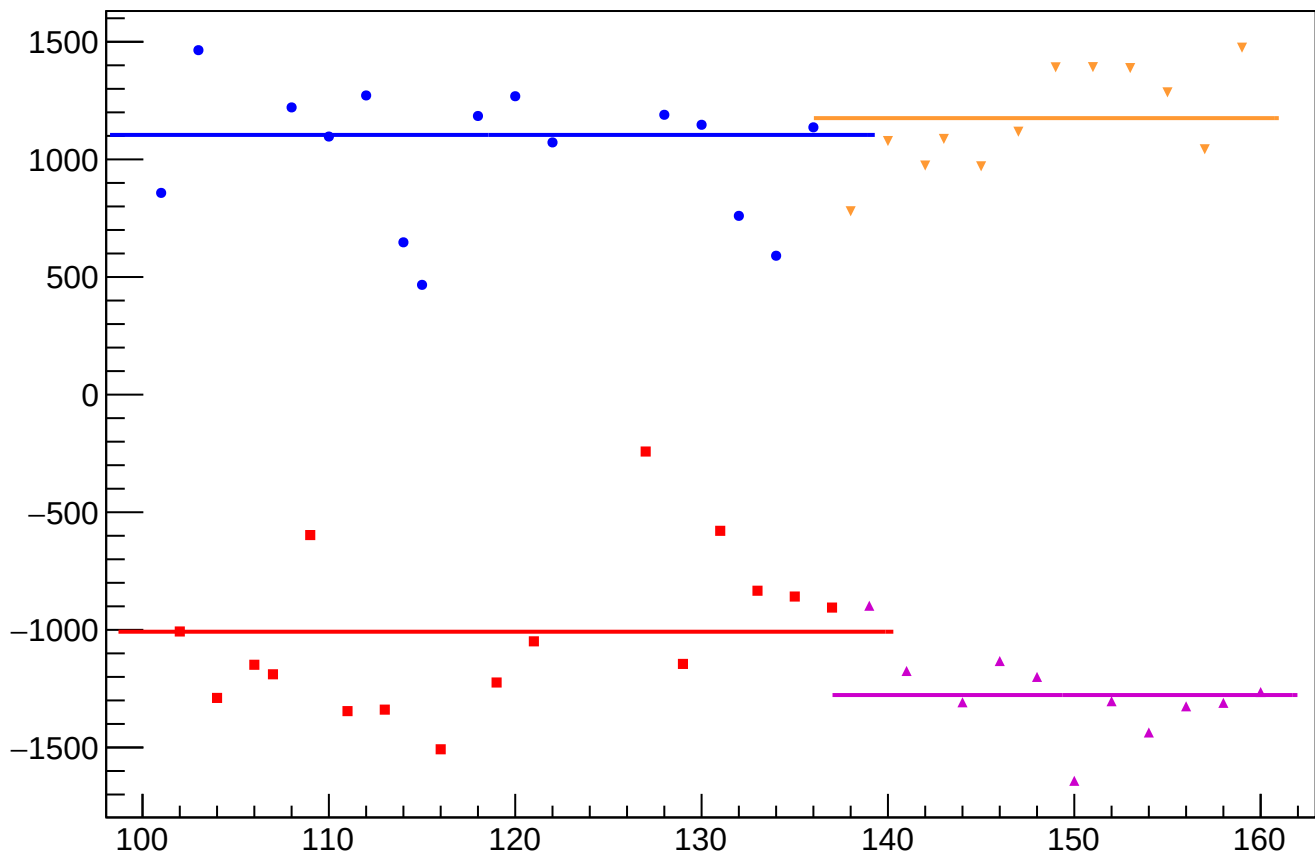
χ^2/NDF : 277636056793293374242116053515003494400.0/15

Left In: -183.411+/-0.000

χ^2/NDF : 452789814018275751637875535657304064.0/10

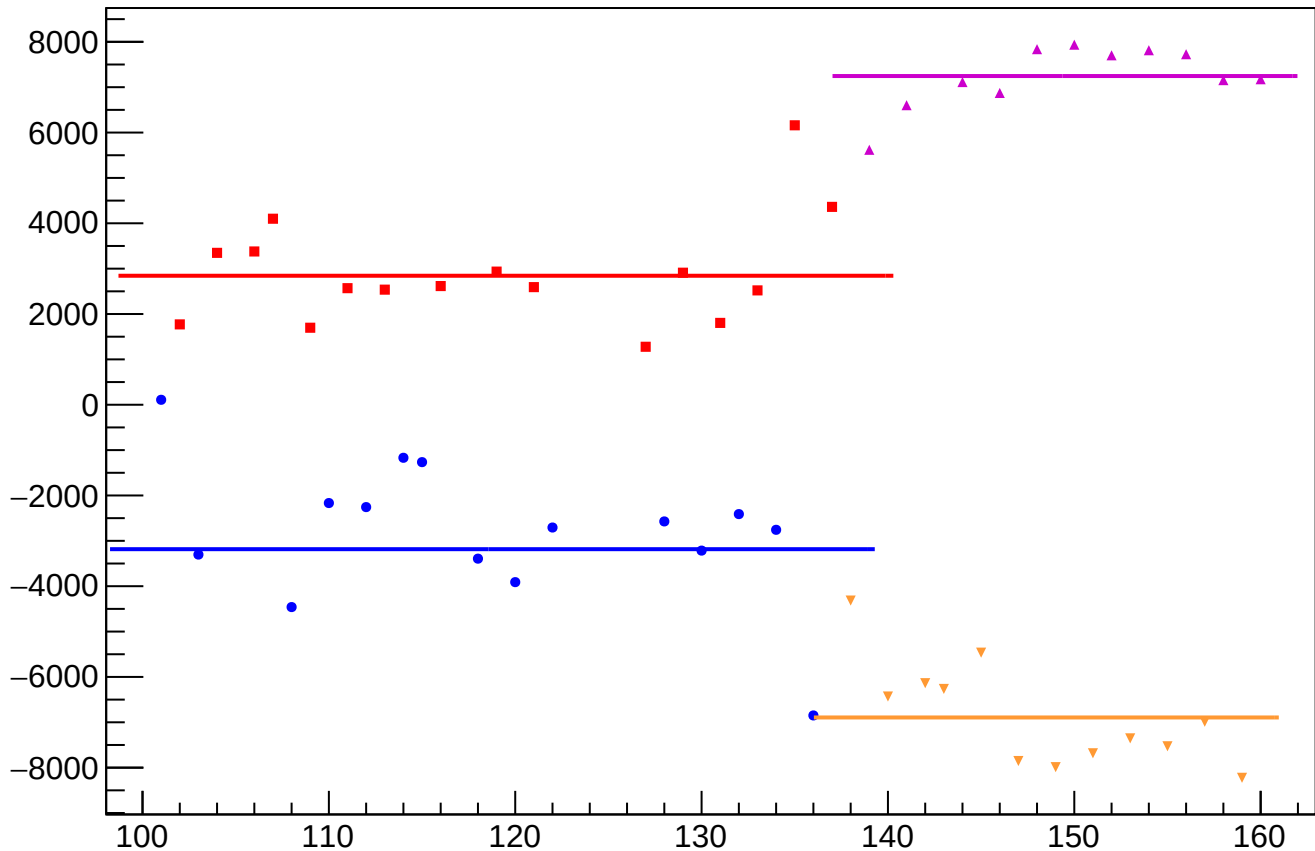
All: -19.806+/-0.000 χ^2/NDF : 618902446479

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 +/- 0.000 χ^2/NDF : 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 +/- 0.000 χ^2/NDF : 29578729901602647998073818936097374208.0/10
 All: -18.318 +/- 0.000 χ^2/NDF : 441314646270

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928+/-0.000

Left Out: -6893.642+/-0.000

Right Out: 2843.597+/-0.000

Left In: 7245.920+/-0.000

χ^2/NDF : 2134923281384422537296044119642733543424.0/14

χ^2/NDF : 1166796992551395591900489719368617295872.0/11

χ^2/NDF : 947077611563723244705531091944015396864.0/15

χ^2/NDF : 401760462783969098772010925007315140608.0/10

Left: 203.020+/-0.000 χ^2/NDF : 9358372073550295

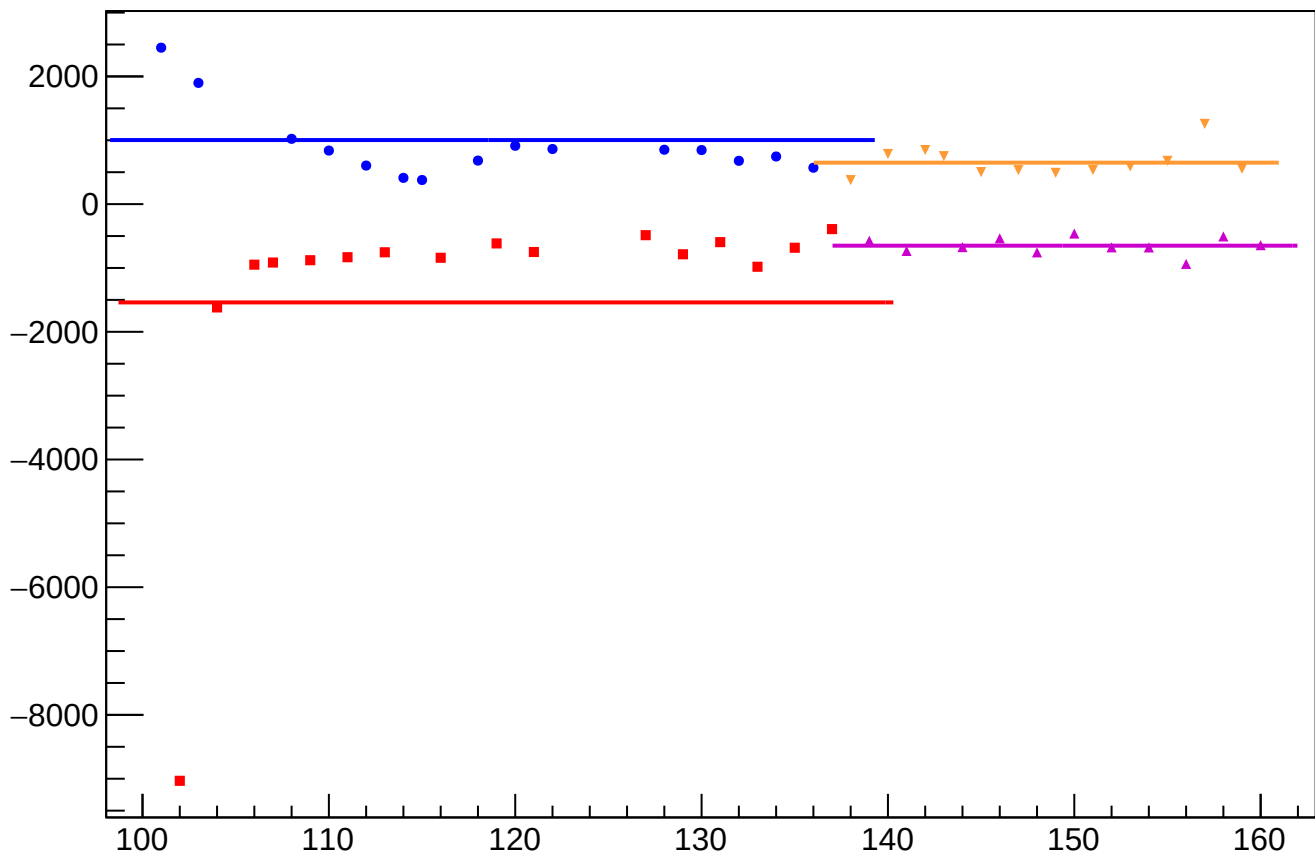
Right: -128.944+/-0.000 χ^2/NDF : 15032681342441

In: 2942.696+/-0.000 χ^2/NDF : 4400762301393366

Out: -2793.428+/-0.000 χ^2/NDF : 38724876379367

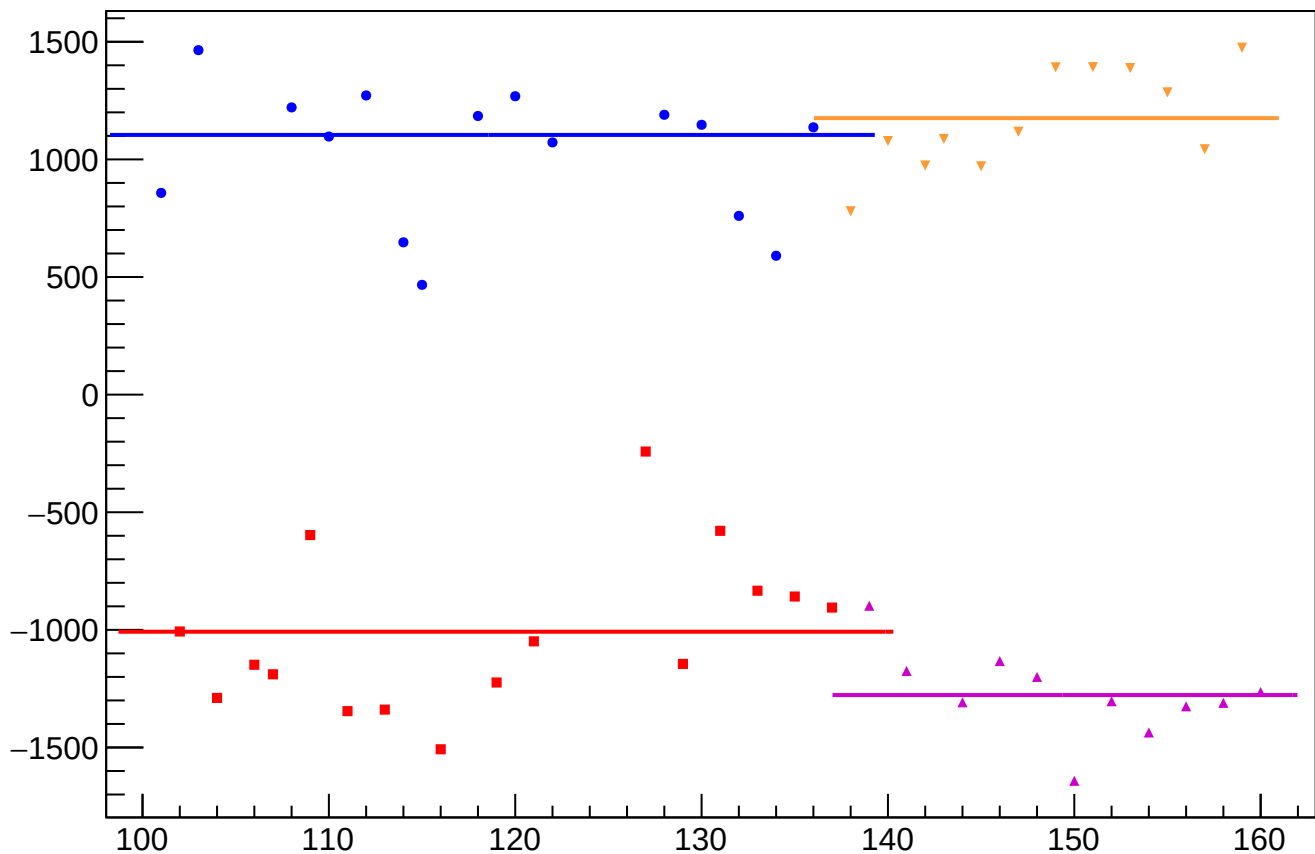
All: 64.640+/-0.000 χ^2/NDF : 1087009722996

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 1003.407 ± 0.000 $\chi^2/\text{NDF}: 219815257294811198811064619822196195328.0/14$
 Left Out: 649.450 ± 0.000 $\chi^2/\text{NDF}: 46064570136396855168938023455129862144.0/11$
 Right Out: -1539.568 ± 0.000 $\chi^2/\text{NDF}: 3614774785297482293145354574125437288448.0/15$
 Left In: -650.769 ± 0.000 $\chi^2/\text{NDF}: 14776465774858799846922535858394365952.0/10$
 All: -120.825 ± 0.000 $\chi^2/\text{NDF}: 68618344036$

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

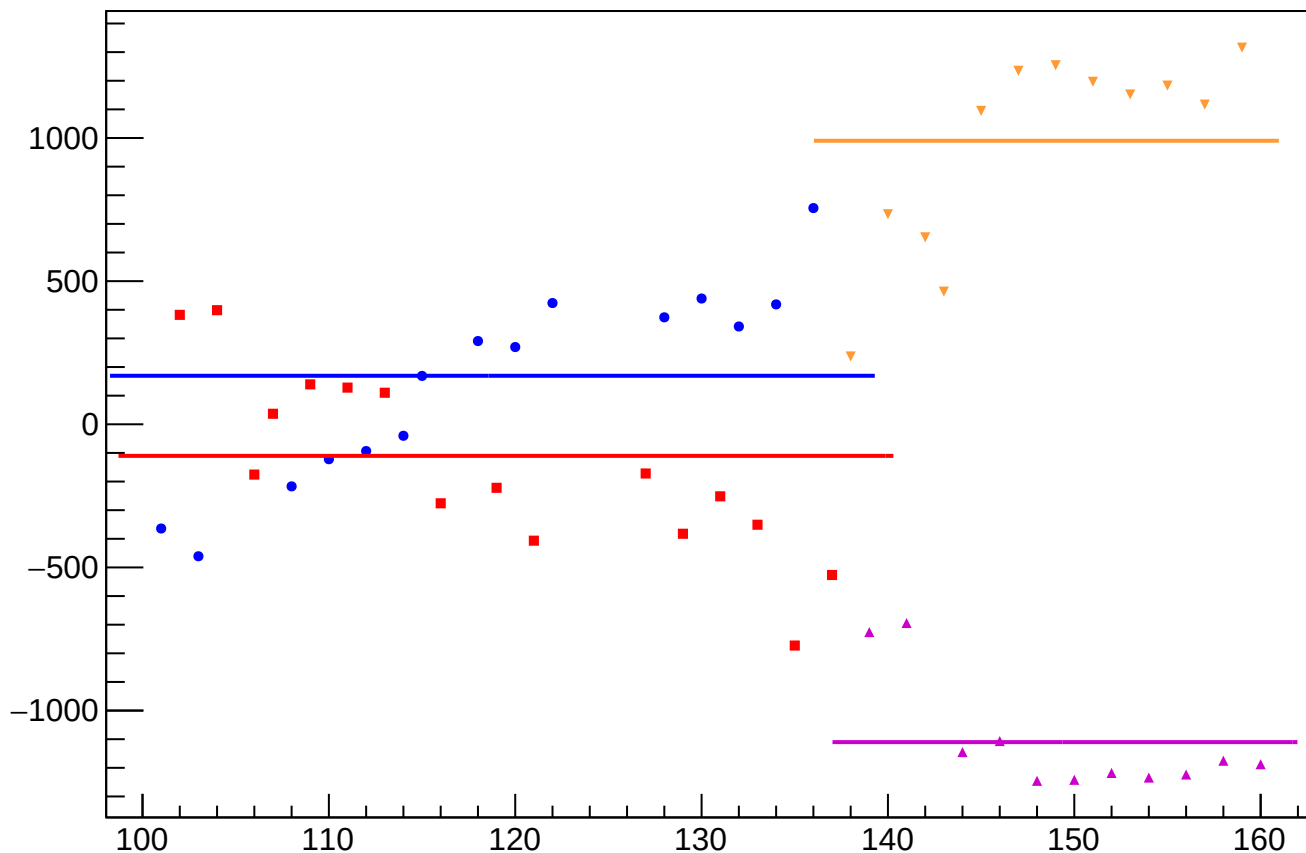
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 169.489 +/- 0.000

χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 990.430 +/- 0.000

χ^2/NDF : 103090910531659754312882501653991784448.0/11

Right Out: -110.289 +/- 0.000

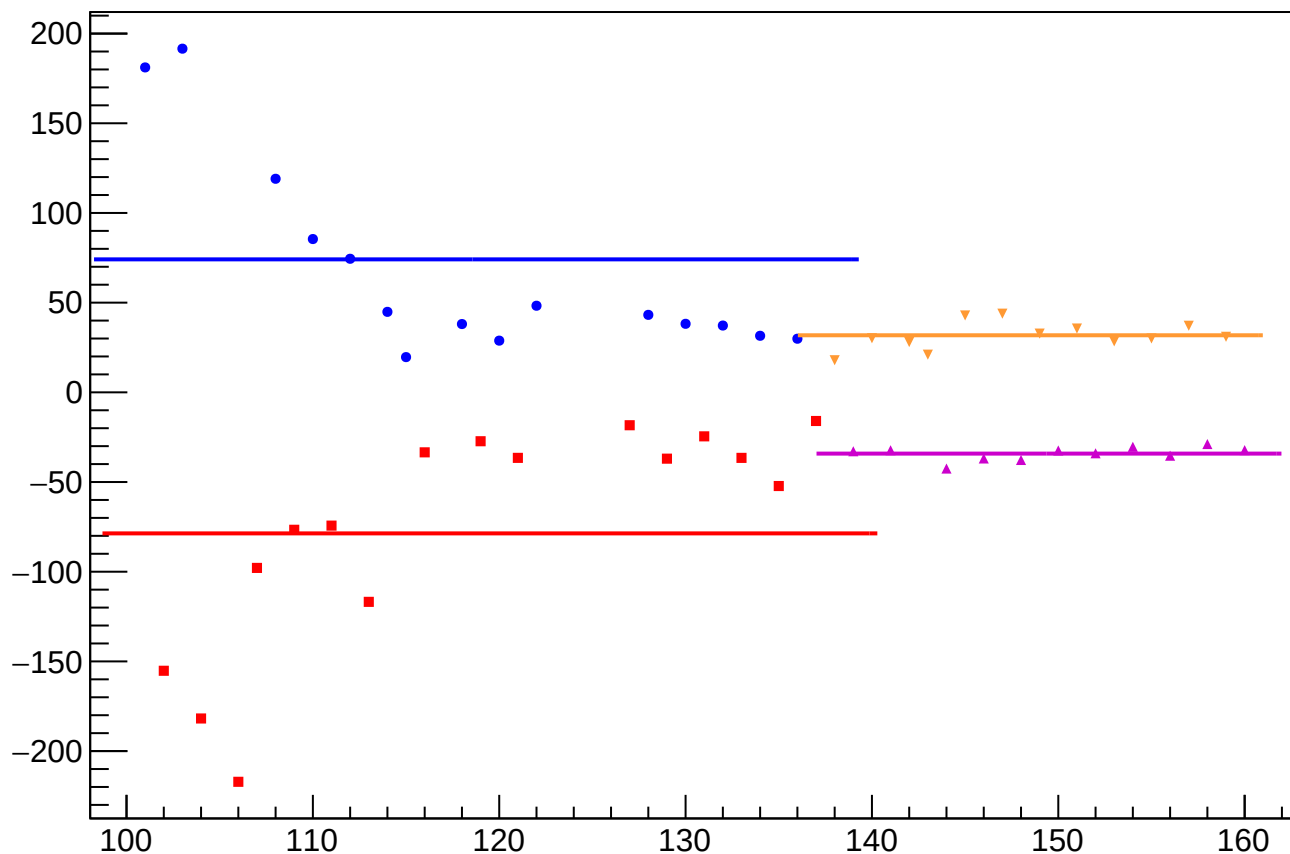
χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: -1110.204 +/- 0.000

χ^2/NDF : 34078671675207101758695575343264169984.0/10

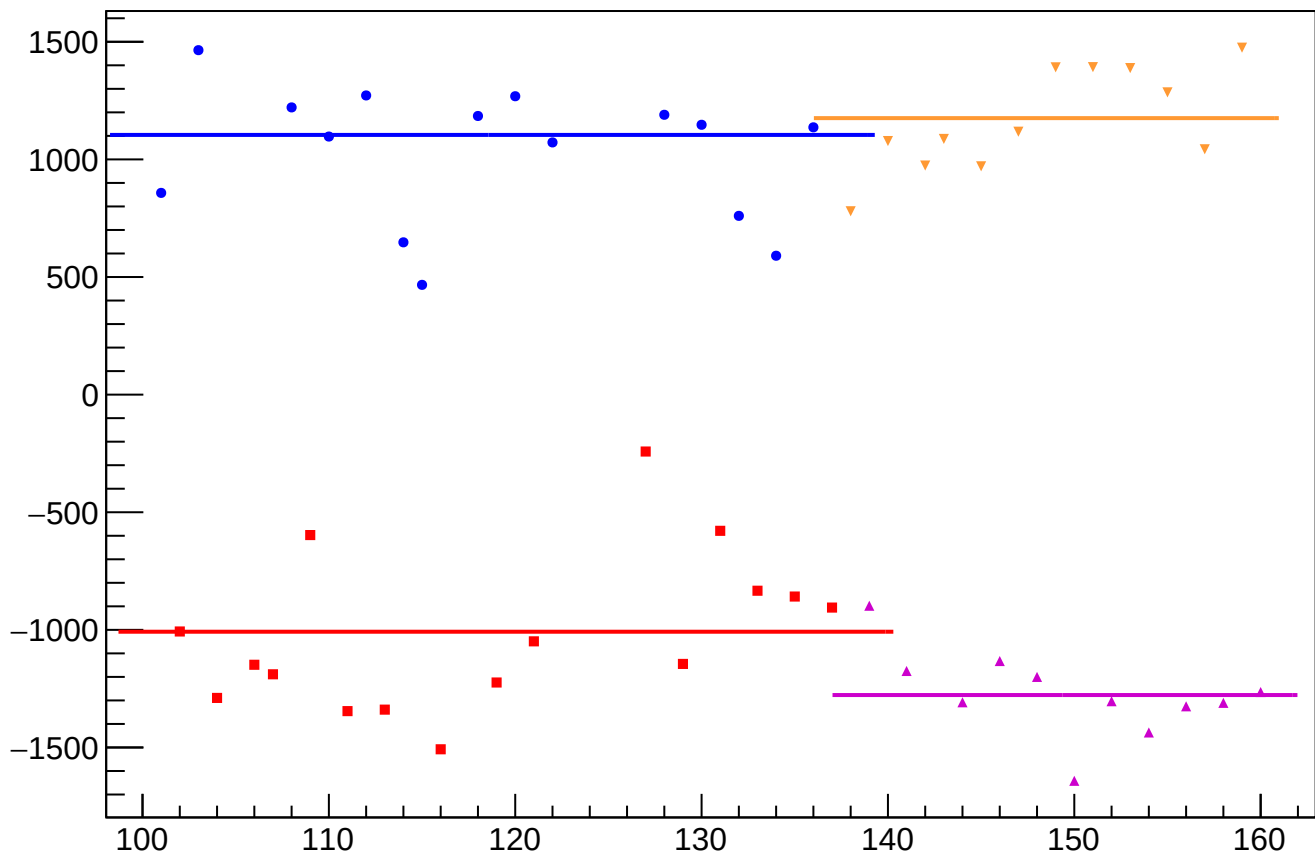
All: -25.711 +/- 0.000 χ^2/NDF : 236745671746

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.811+/-0.000 χ^2/NDF : 49714502708074355804513533446586368.0/11
 Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: -34.158+/-0.000 χ^2/NDF : 12535781757096828038064244290224128.0/10
 All: -2.132+/-0.000 χ^2/NDF : 1425602893344

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

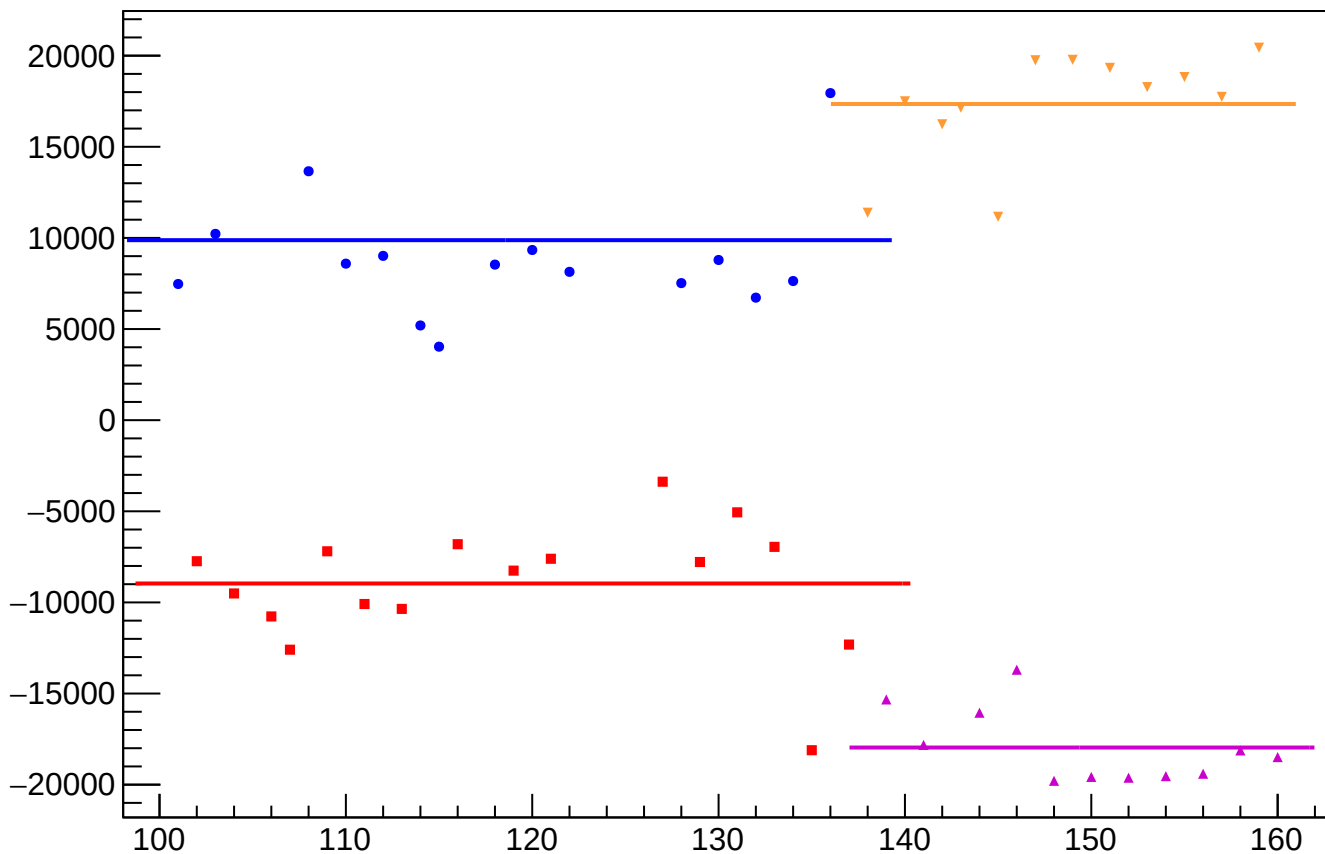
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

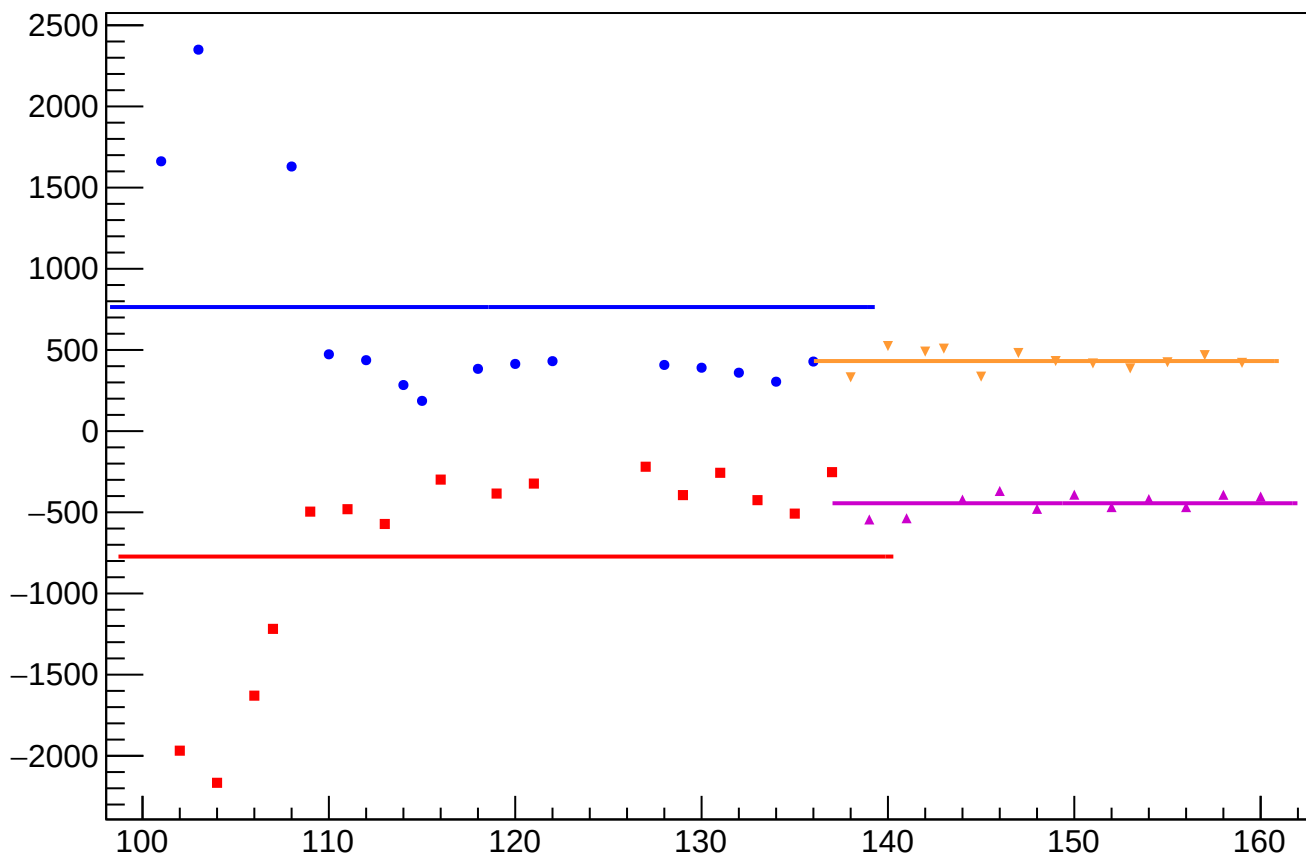
All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 17348.108+/-0.000 χ^2/NDF : 8207548108596149921739030122495561695232.0/11
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -17962.529+/-0.000 χ^2/NDF : 3564698291142811133043344688261317525504.0/10
 All: -81.304+/-0.000 χ^2/NDF : 718800894609

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 764.284+/-0.000

χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 431.662+/-0.000

χ^2/NDF : 3280421514159451222222919804563488768.0/11

Right Out: -772.547+/-0.000

χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -444.245+/-0.000

χ^2/NDF : 2906625839452991270105053894151241728.0/10

Left: -7.957+/-0.000 χ^2/NDF : 35929144777263772

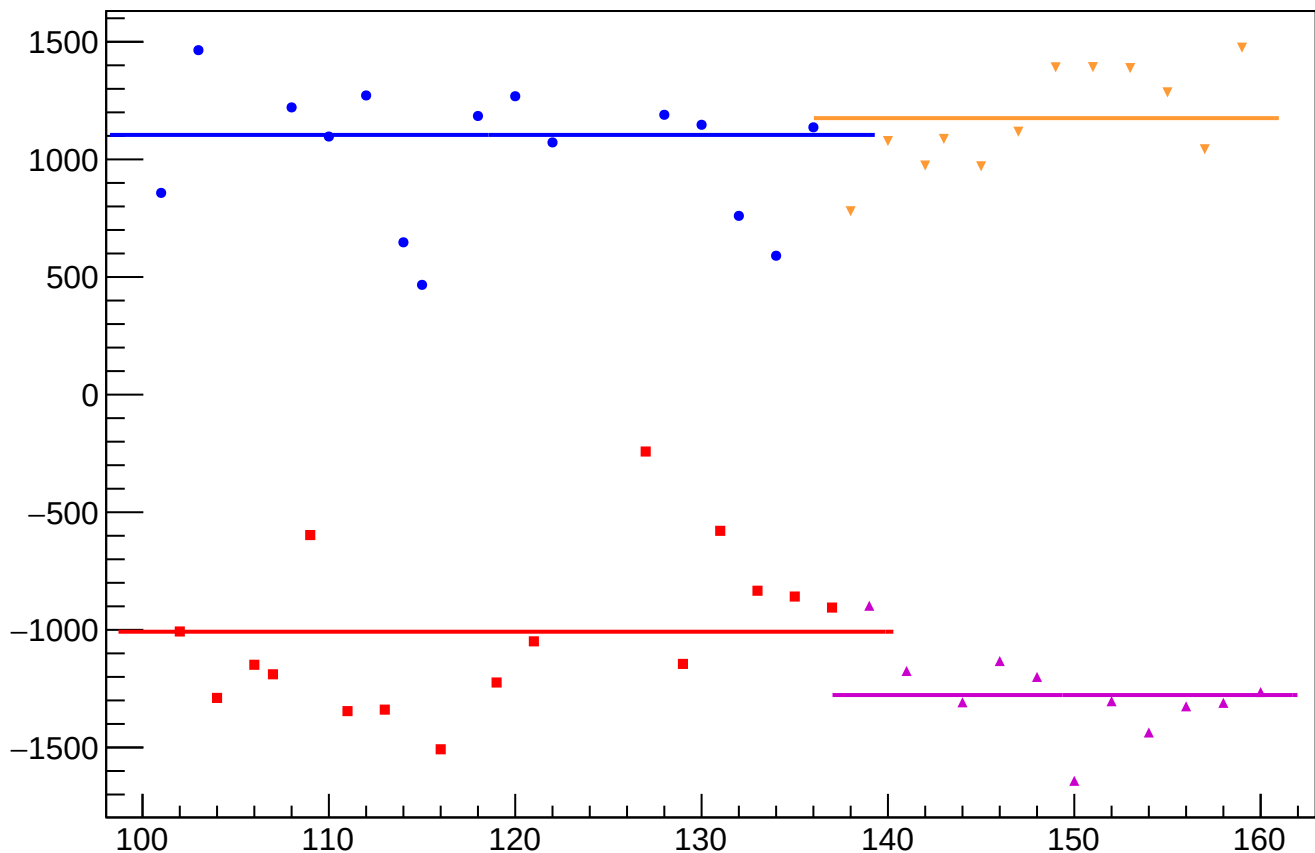
Right: -14.642+/-0.000 χ^2/NDF : 135377066004634

In: 54.379+/-0.000 χ^2/NDF : 850674868535518824

Out: -75.414+/-0.000 χ^2/NDF : 8491258746078760

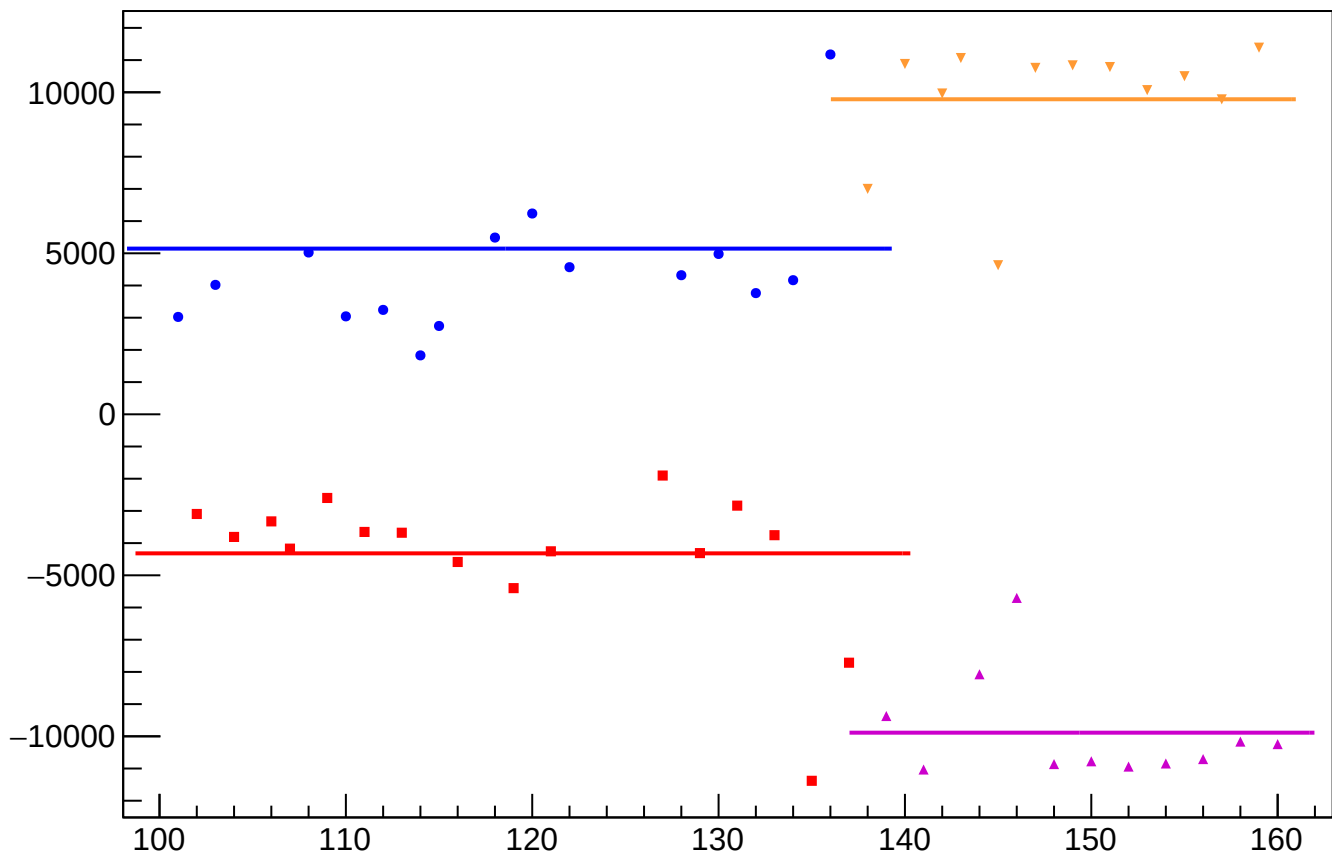
All: -10.743+/-0.000 χ^2/NDF : 171309640710

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



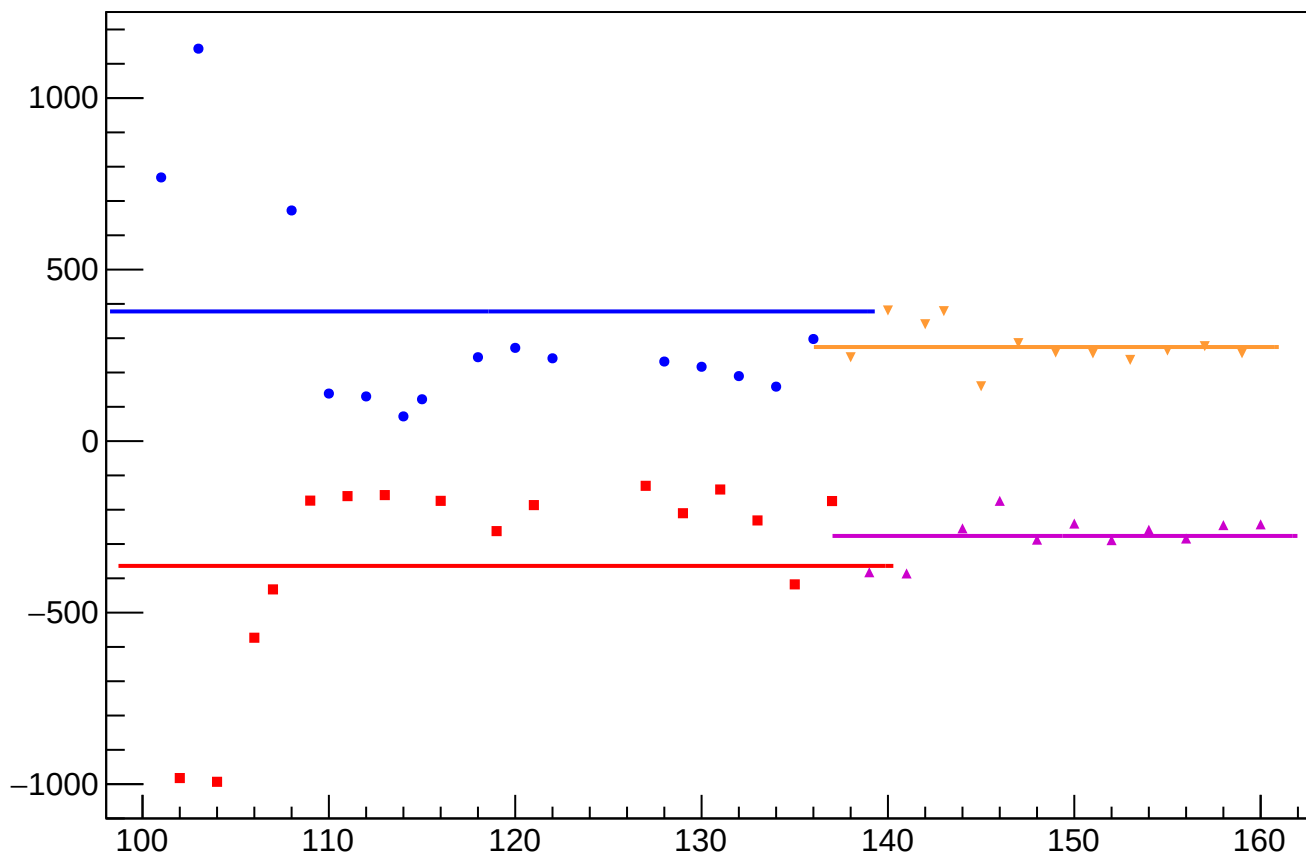
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1175.478 $\pm$ 0.000 χ^2 /NDF: 39966991584790626200337106489810354176.0/11
 Right Out: -1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: -1277.097 $\pm$ 0.000 χ^2 /NDF: 29578729901602647998073818936097374208.0/10
 All: -18.318 $\pm$ 0.000 χ^2 /NDF: 441314646270

dit_sam3_coil3_mean vs Slug, Sign Corrected



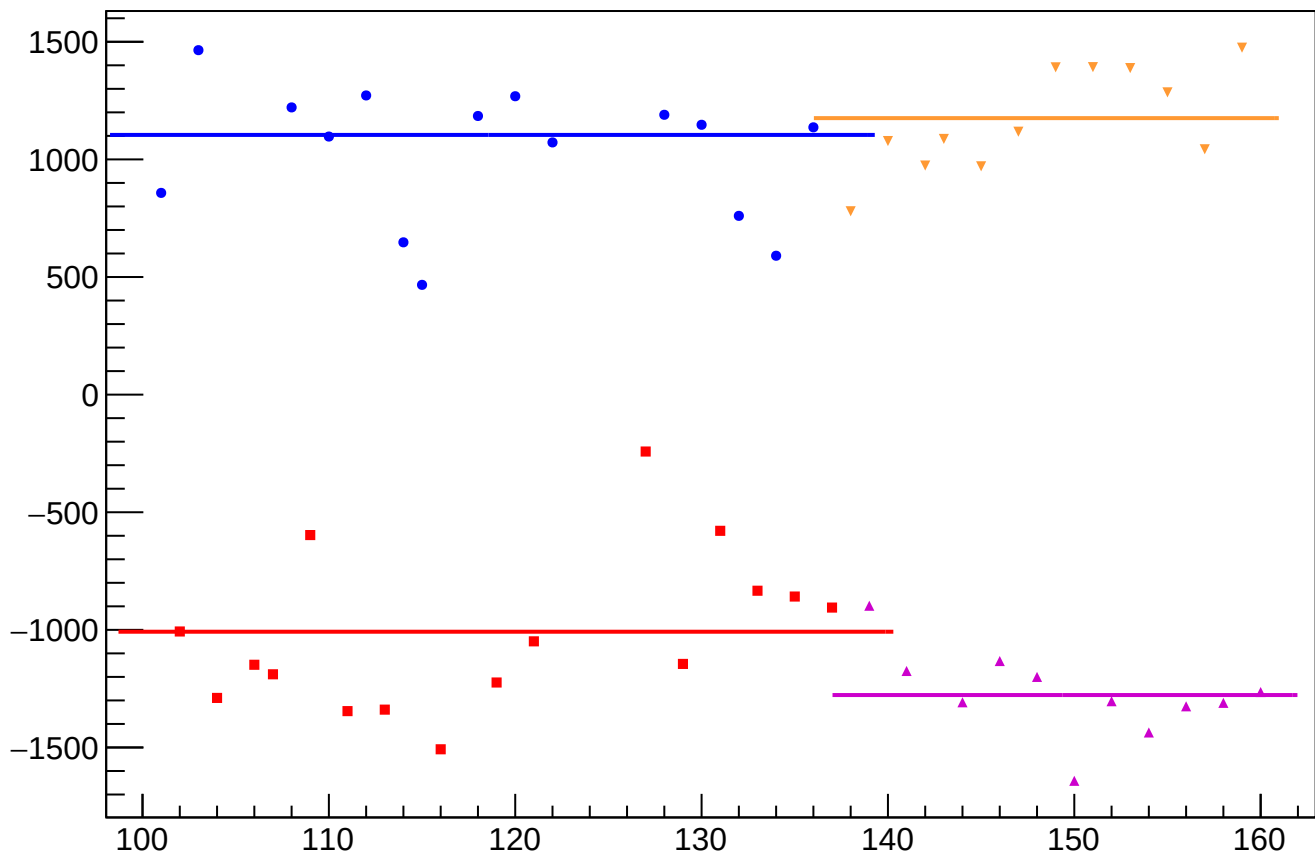
Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9783.623+/-0.000 χ^2/NDF : 3463460967659182435053933688350532698112.0/11
 Right Out: -4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: -9887.069+/-0.000 χ^2/NDF : 2278516780225824082632420288802127347712.0/10
 All: 93.529+/-0.000 χ^2/NDF : 2210529199103

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 378.052 ± 0.000 $\chi^2/\text{NDF}: 61516590022593053040860760861331947520.0/14$
 Left Out: 274.281 ± 0.000 $\chi^2/\text{NDF}: 3210866570321724501306846670770667520.0/11$
 Right Out: -363.772 ± 0.000 $\chi^2/\text{NDF}: 59031337484709801804181439342706688000.0/15$
 Left In: -276.429 ± 0.000 $\chi^2/\text{NDF}: 3176476969276554988209041450490396672.0/10$
 All: -0.376 ± 0.000 $\chi^2/\text{NDF}: 4475481806747$

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

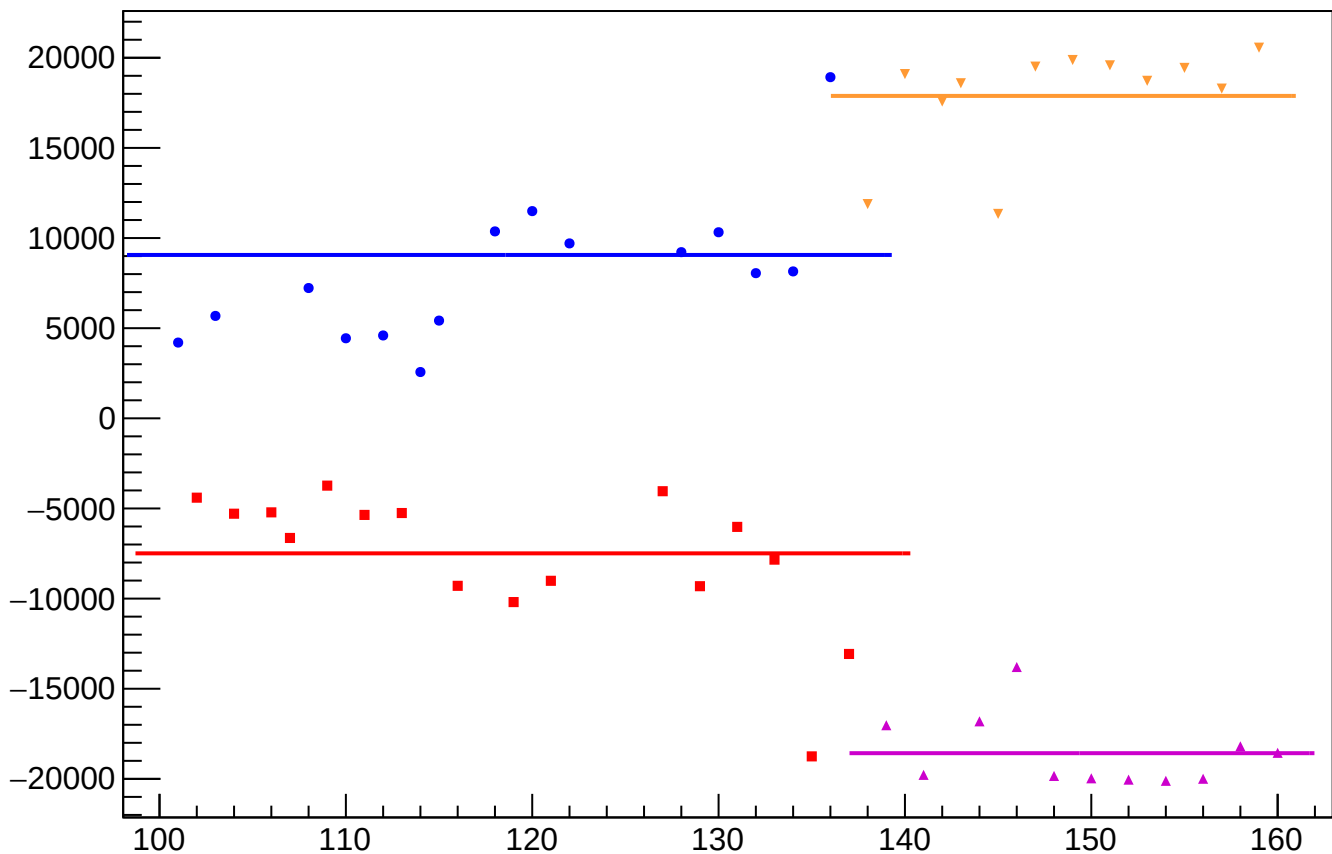
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

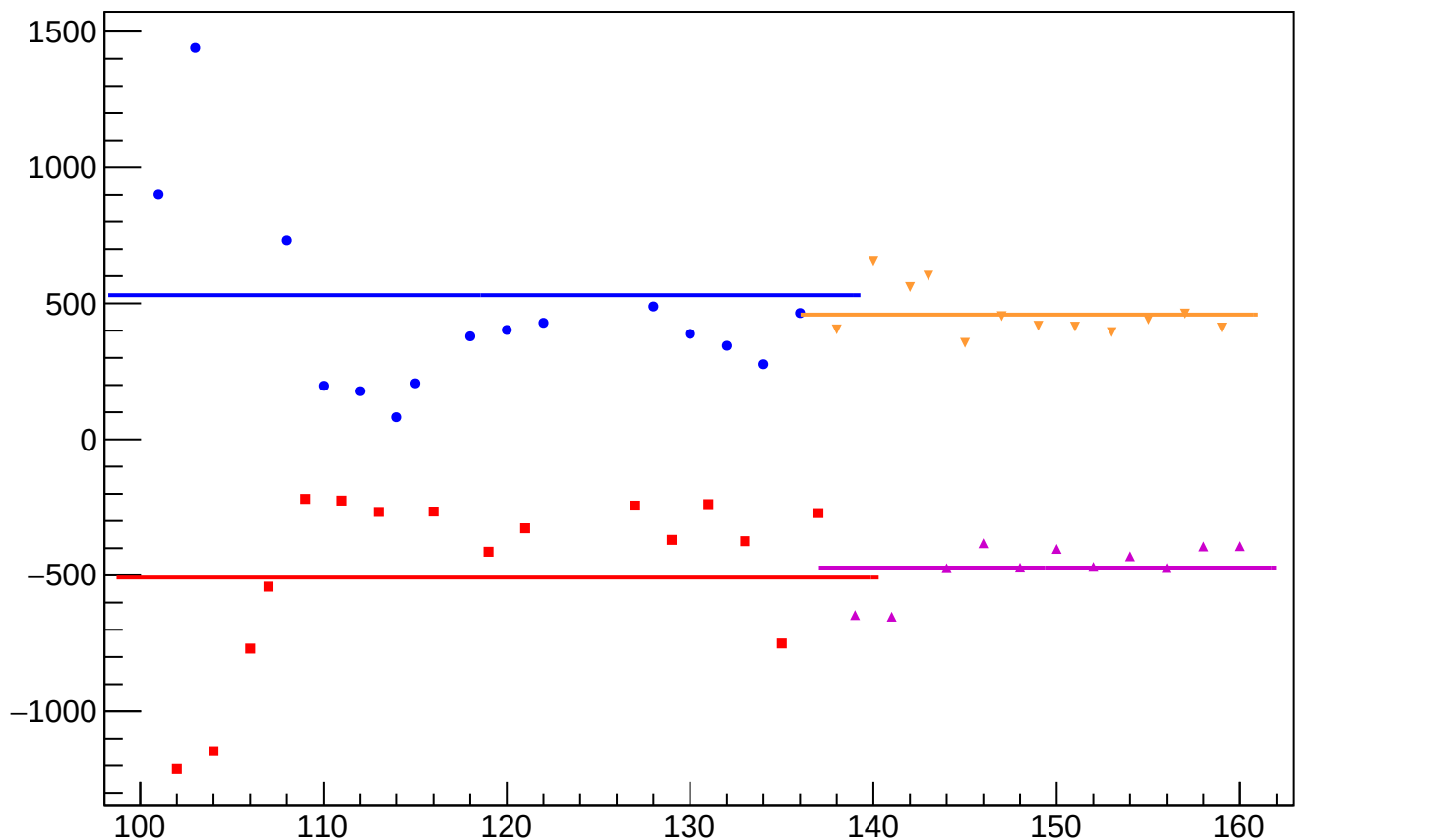
All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_sam4_coil3_mean vs Slug, Sign Corrected



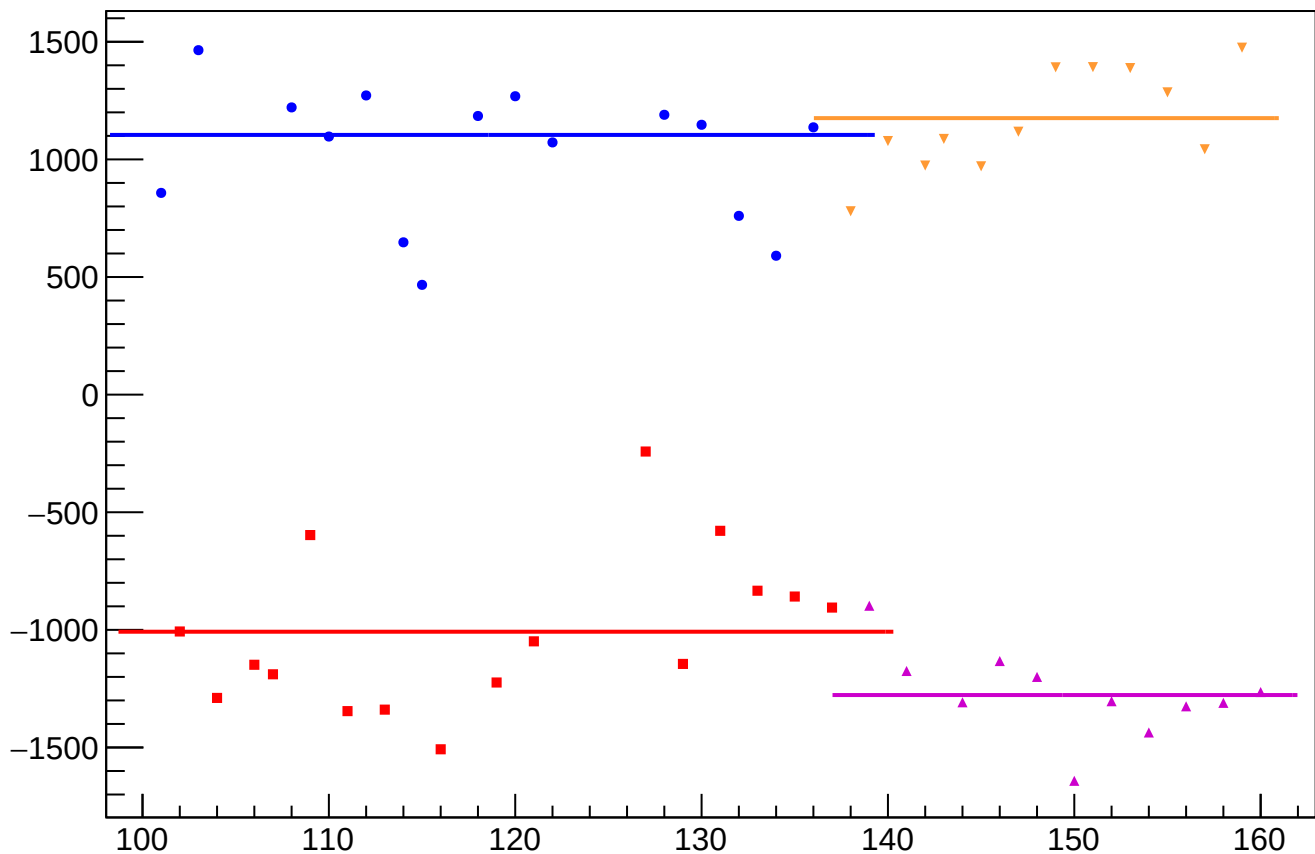
Right In: 9062.710 ± 0.000 $\chi^2/\text{NDF}: 13621066943114354594159252409175431446528.0/14$
 Left Out: 17884.828 ± 0.000 $\chi^2/\text{NDF}: 8035777278860305028144675580255817170944.0/11$
 Right Out: -7490.147 ± 0.000 $\chi^2/\text{NDF}: 10108202124204139932285006457388239159296.0/15$
 Left In: -18574.874 ± 0.000 $\chi^2/\text{NDF}: 3371752936319538414648384836142763081728.0/10$
 All: 38.953 ± 0.000 $\chi^2/\text{NDF}: 7379784691052$

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 530.057 ± 0.000 $\chi^2/\text{NDF}: 78754676063063255524046471751880671232.0/14$
 Left Out: 458.806 ± 0.000 $\chi^2/\text{NDF}: 6995521594489868747173366228733394944.0/11$
 Right Out: -507.987 ± 0.000 $\chi^2/\text{NDF}: 76689734698308464337881841969555046400.0/15$
 Left In: -471.219 ± 0.000 $\chi^2/\text{NDF}: 7445973219160336257467772011051745280.0/10$
 All: -3.010 ± 0.000 $\chi^2/\text{NDF}: 9225241672117$

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

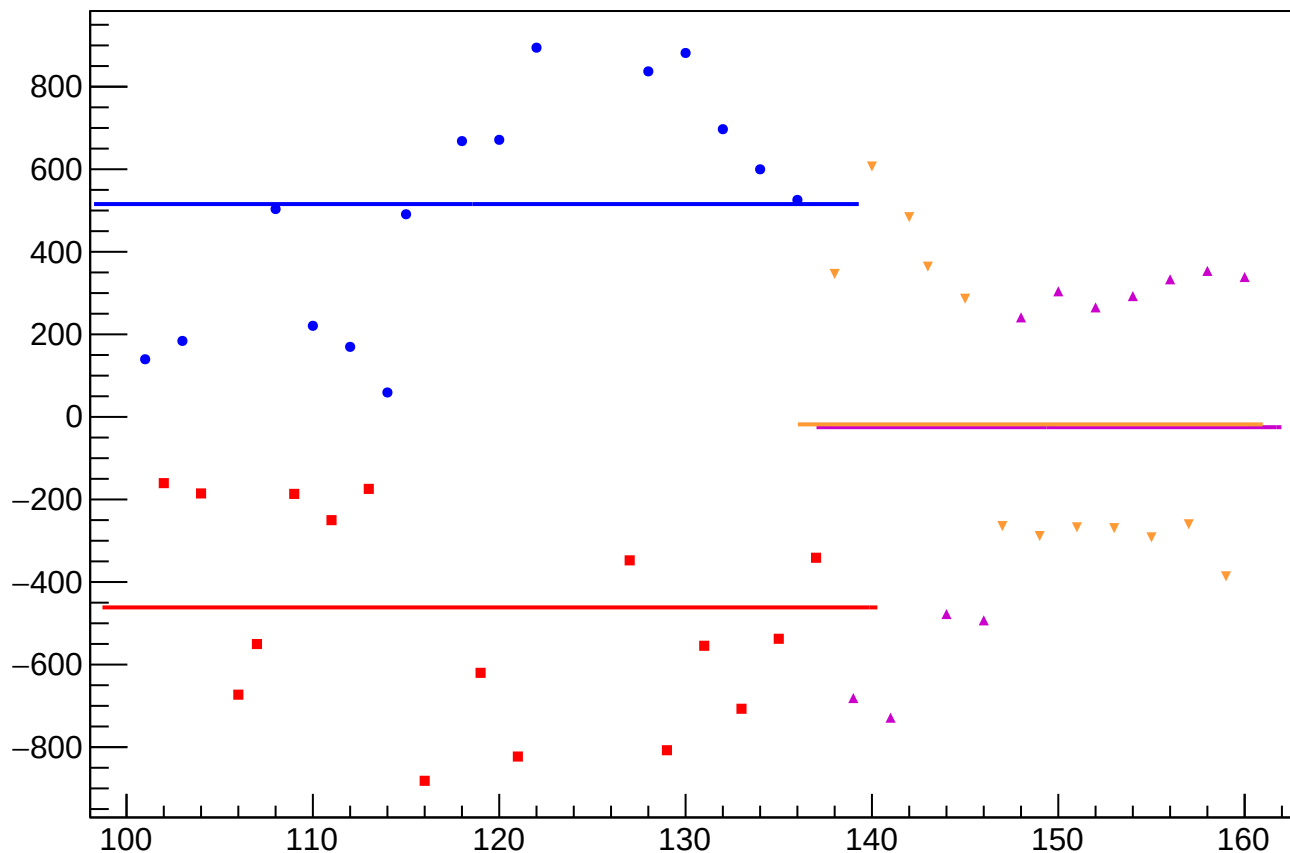
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

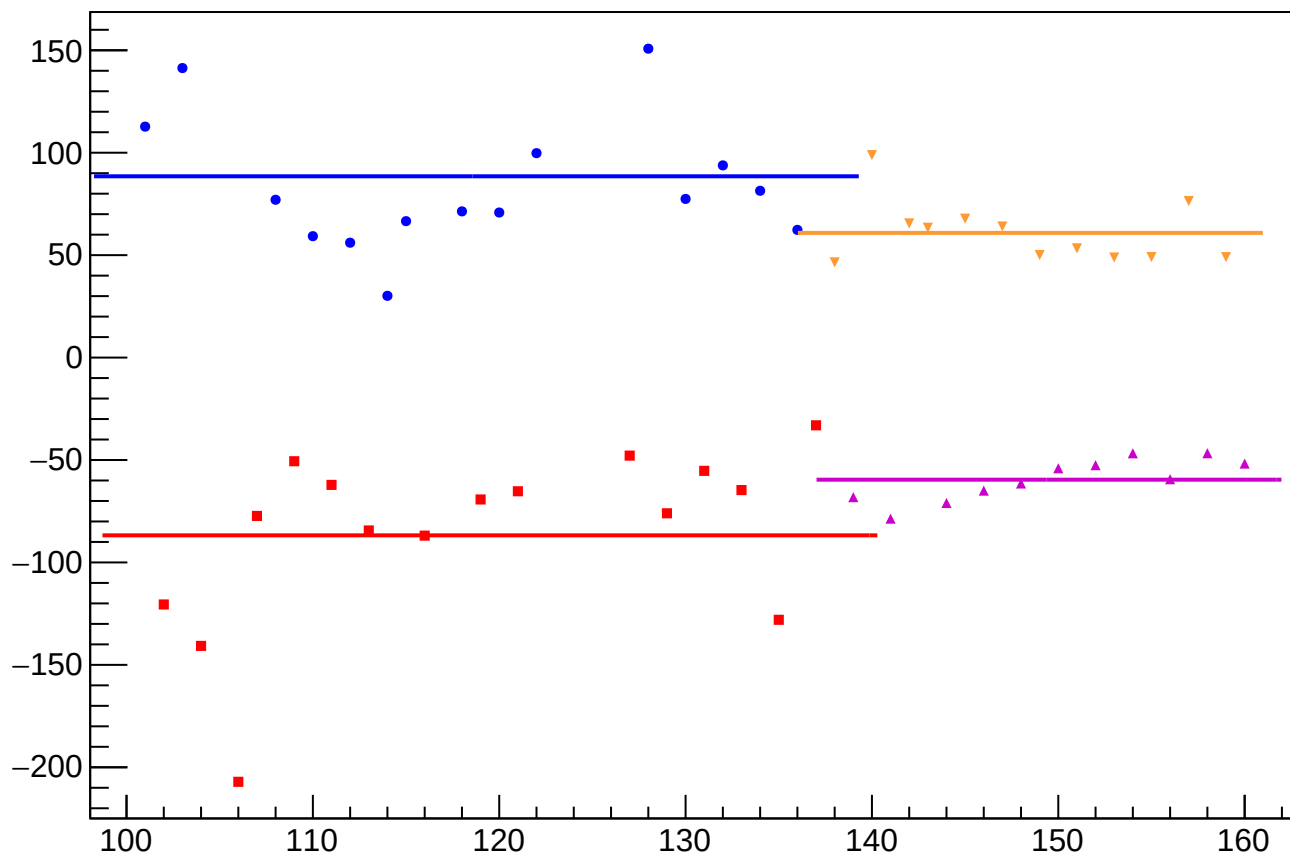
All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_sam5_coil3_mean vs Slug, Sign Corrected



Left: -21.505 ± 0.000 $\chi^2/\text{NDF}: 2909516961812704$
 Right In: 515.635 ± 0.000 $\chi^2/\text{NDF}: 48465403420573957292673062371162324992.0/14$
 Right: 20.387 ± 0.000 $\chi^2/\text{NDF}: 4030056130167457$
 Left Out: -18.086 ± 0.000 $\chi^2/\text{NDF}: 113760261442063078265103594368341639168.0/11$
 In: 198.120 ± 0.000 $\chi^2/\text{NDF}: 33702193102447450$
 Right Out: -461.497 ± 0.000 $\chi^2/\text{NDF}: 40473746660091355928063306884368564224.0/15$
 Out: -204.800 ± 0.000 $\chi^2/\text{NDF}: 230153328143066$
 Left In: -24.898 ± 0.000 $\chi^2/\text{NDF}: 177170083146066340419686697250307702784.0/10$
 All: -4.042 ± 0.000 $\chi^2/\text{NDF}: 6953040639809$

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 88.493 $\pm$ 0.000

χ^2 /NDF: 643231155193035512625817963208900608.0/14

Left Out: 60.867 $\pm$ 0.000

χ^2 /NDF: 208334830420842687698000766503485440.0/11

Right Out: -86.773 $\pm$ 0.000

χ^2 /NDF: 1059206766314086021240525003228708864.0/15

Left In: -59.604 $\pm$ 0.000

χ^2 /NDF: 90862625181985664375323463168032768.0/10

Left: 0.402 $\pm$ 0.000 χ^2 /NDF: 697888680895441924.0/12

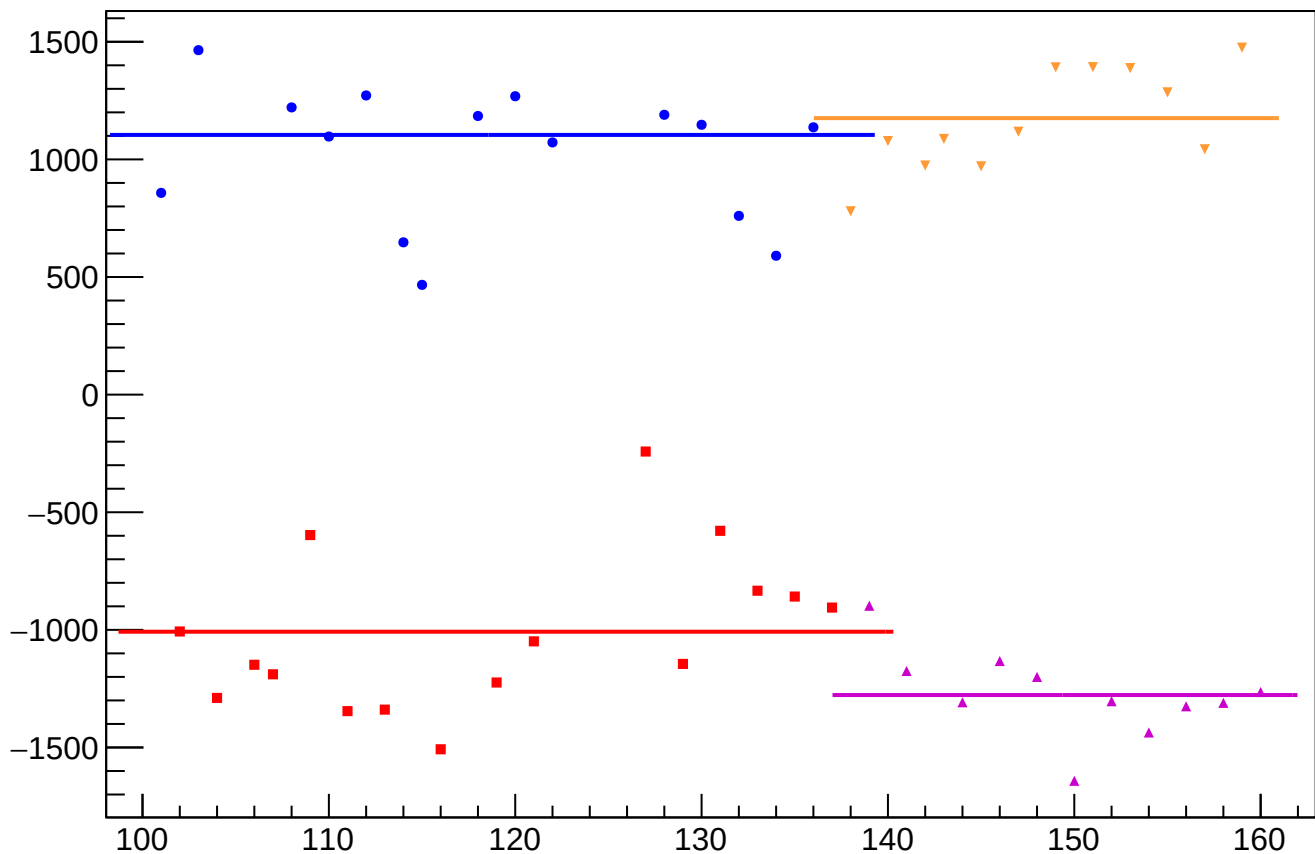
Right: -0.339 $\pm$ 0.000 χ^2 /NDF: 1180687368969666.0/11

In: 1.499 $\pm$ 0.000 χ^2 /NDF: 909555293268762402.0/11

Out: -1.302 $\pm$ 0.000 χ^2 /NDF: 96844374307284203.0/11

All: 0.093 $\pm$ 0.000 χ^2 /NDF: 18786182207074.0/11

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111 $\pm$ 0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478 $\pm$ 0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906 $\pm$ 0.000

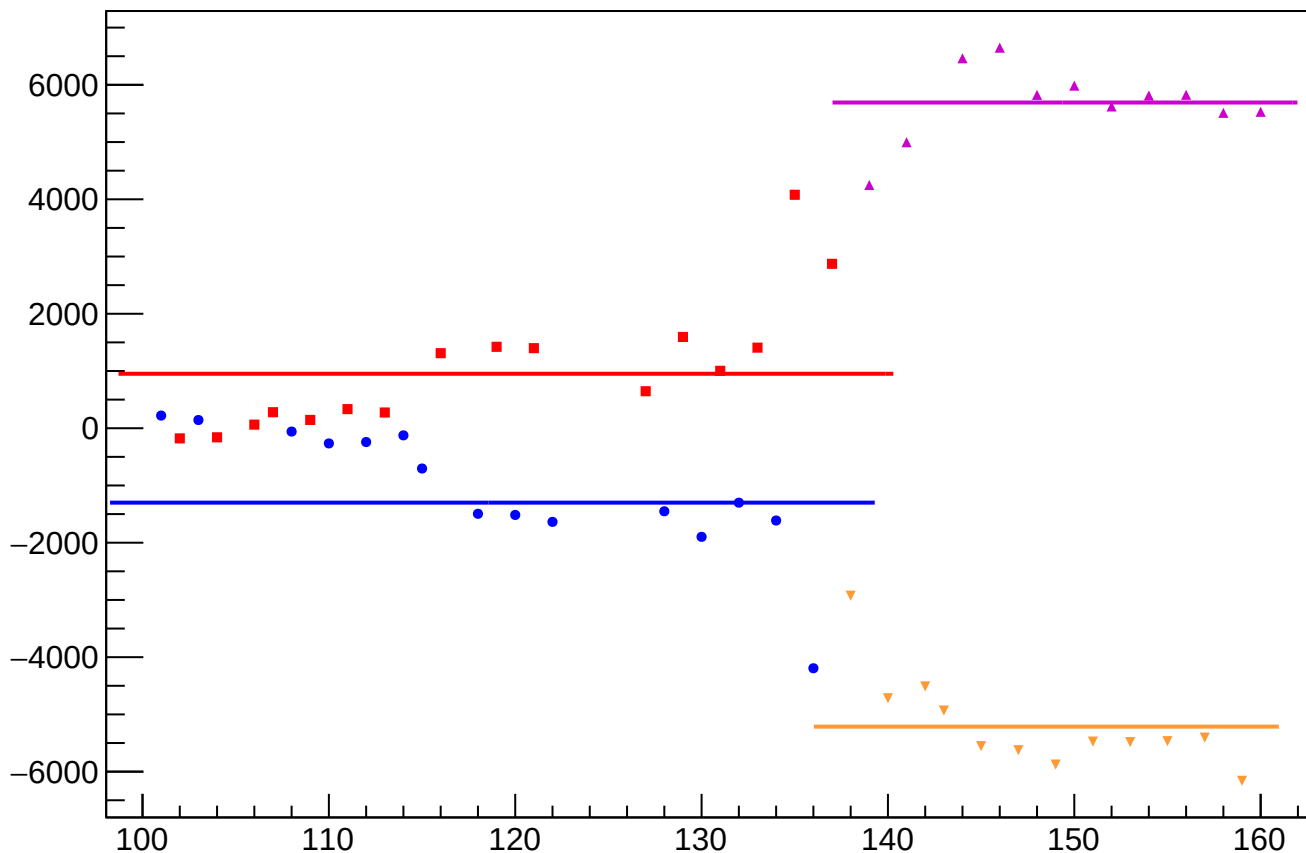
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097 $\pm$ 0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: -18.318 $\pm$ 0.000 χ^2/NDF : 441314646270

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

Left Out: -5213.053+/-0.000

Right Out: 951.903+/-0.000

Left In: 5690.941+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

χ^2/NDF : 607024723474712138909900039656470216704.0/11

χ^2/NDF : 841314696863657044174468284217089327104.0/15

χ^2/NDF : 355774620722948866968040460749891436544.0/10

Left: 259.674+/-0.000 χ^2/NDF : 5568438689423430

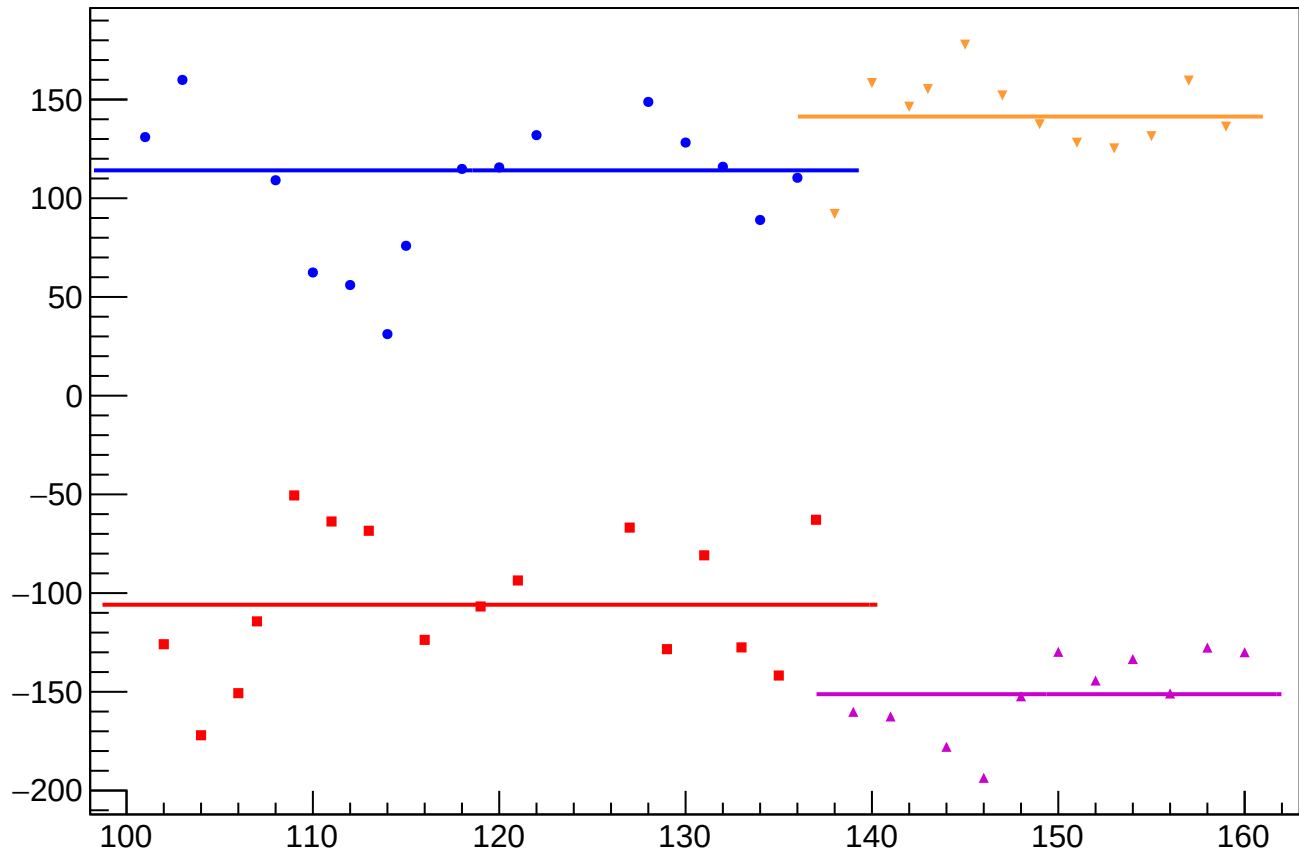
Right: -158.600+/-0.000 χ^2/NDF : 37088904648604

In: 2806.606+/-0.000 χ^2/NDF : 2018689735914814

Out: -2617.077+/-0.000 χ^2/NDF : 16124078025382

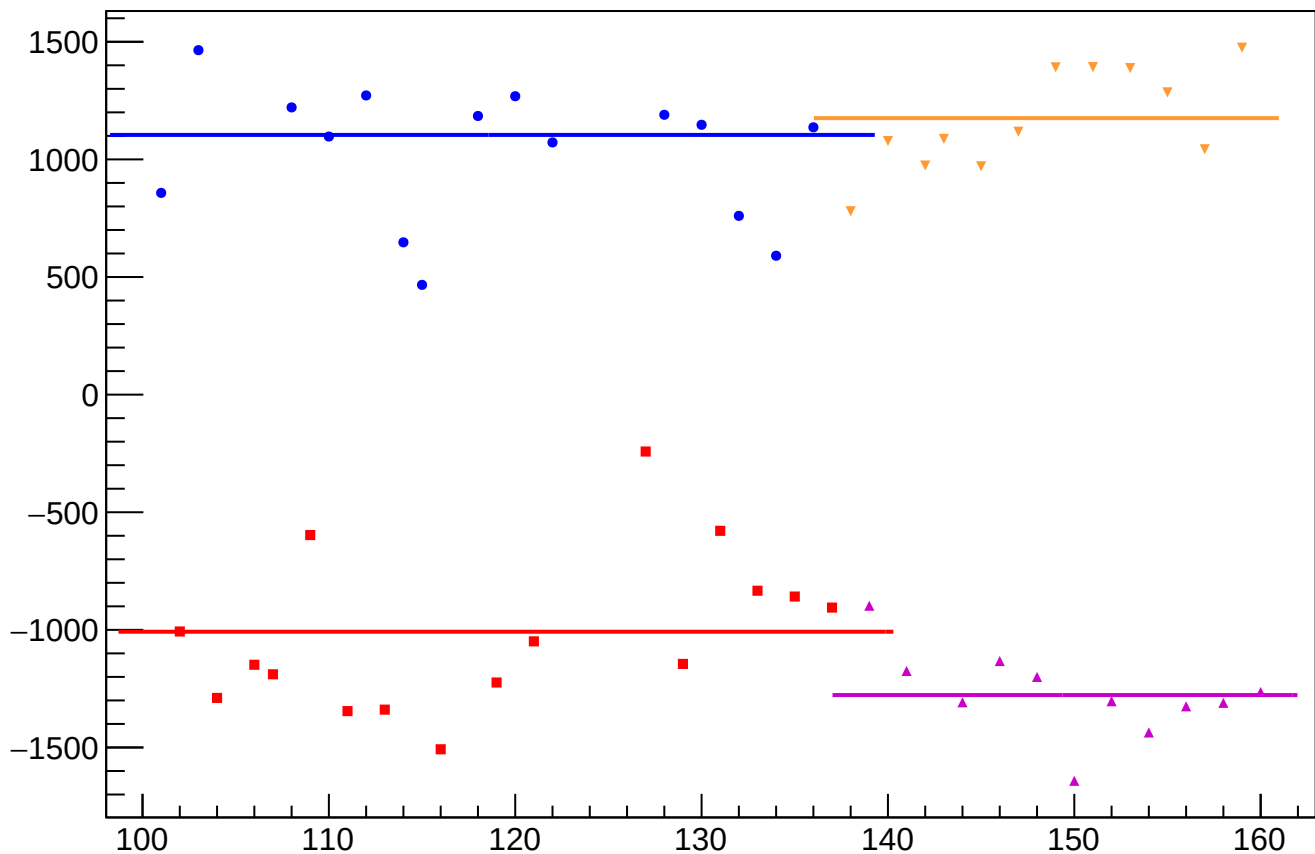
All: 85.316+/-0.000 χ^2/NDF : 5952754065640

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14
 Left Out: 141.380 $\pm$ 0.000 χ^2 /NDF: 416963026310292285514058989674954752.0/11
 Right Out: -105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15
 Left In: -151.203 $\pm$ 0.000 χ^2 /NDF: 382227652604999337577431549784096768.0/10
 All: -2.101 $\pm$ 0.000 χ^2 /NDF: 5762903139484

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

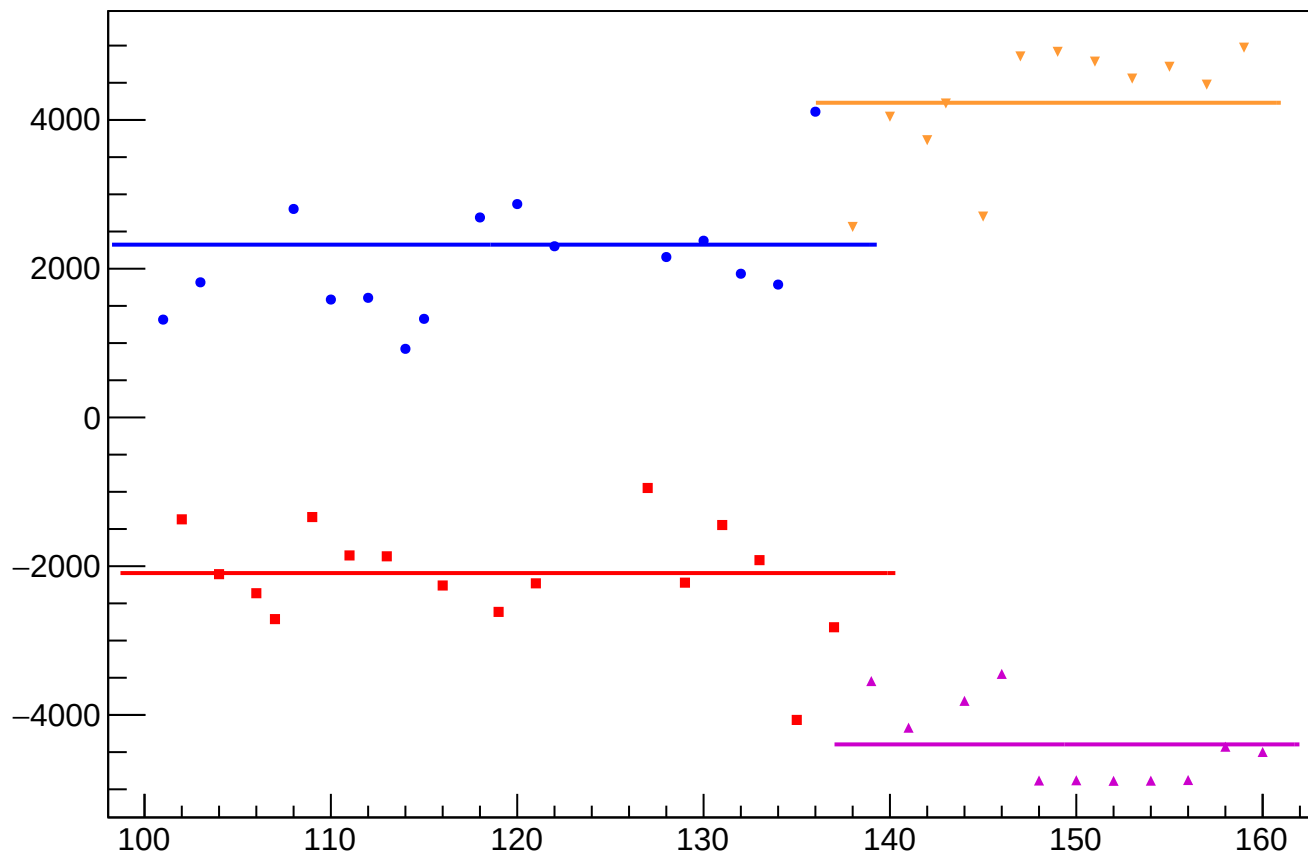
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

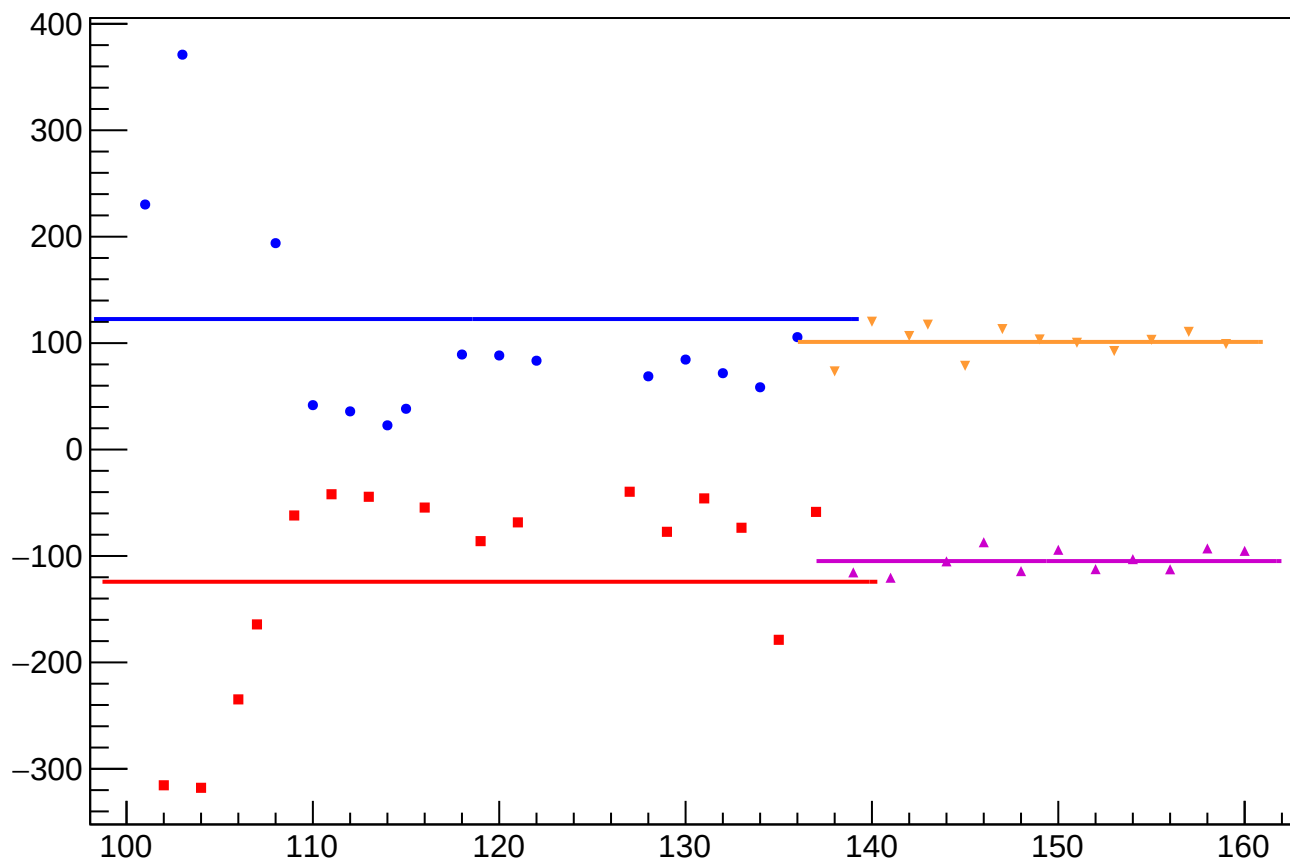
All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_sam7_coil3_mean vs Slug, Sign Corrected



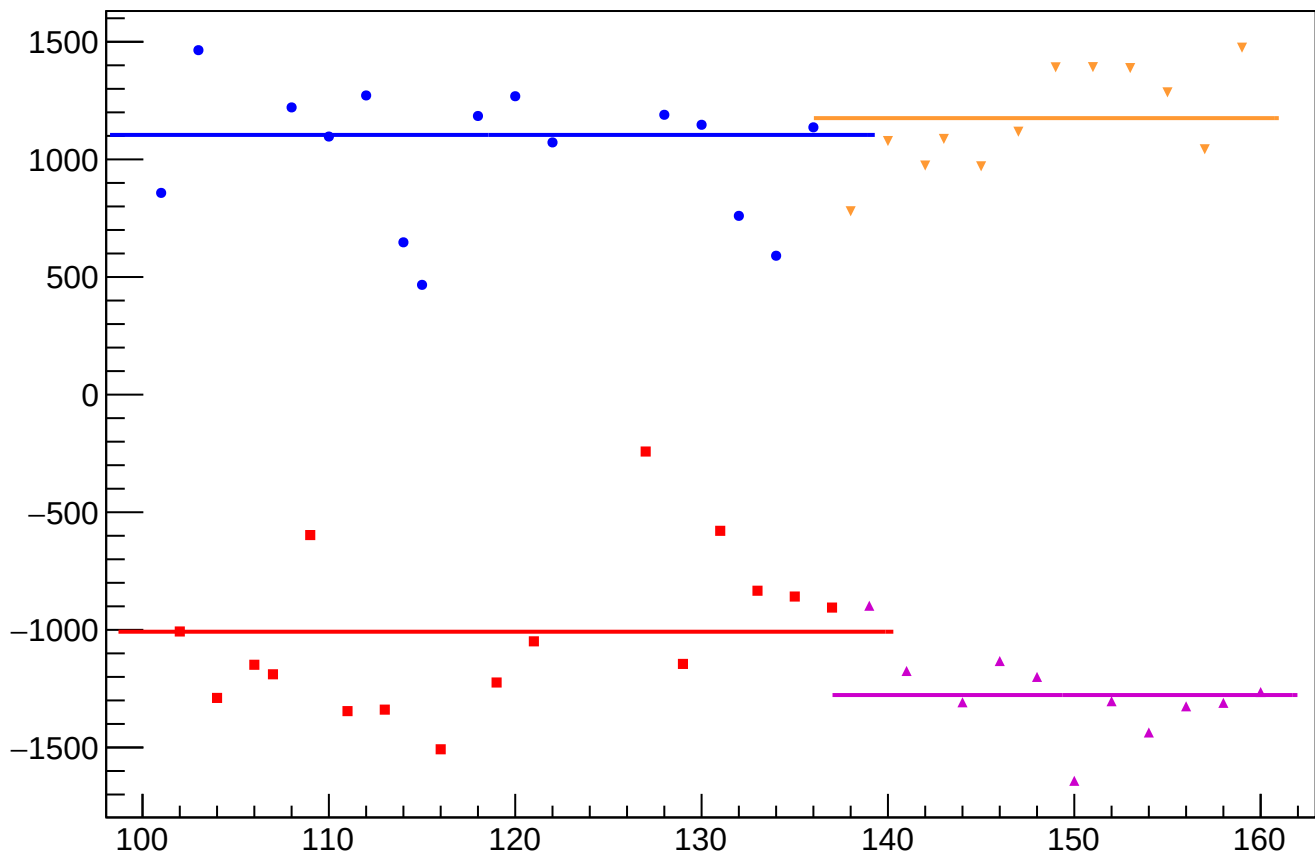
Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 4231.380+/-0.000 χ^2/NDF : 591264758783455505140129278309664030720.0/11
 Right Out: -2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: -4396.069+/-0.000 χ^2/NDF : 270326441631367265143713722564756897792.0/10
 All: -22.044+/-0.000 χ^2/NDF : 424024658110

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 101.138+/-0.000 χ^2/NDF : 175111456477451966804115550397005824.0/11
 Right Out: -124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: -104.786+/-0.000 χ^2/NDF : 102013785381333837493435451846950912.0/10
 All: -2.328+/-0.000 χ^2/NDF : 5232289579930

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

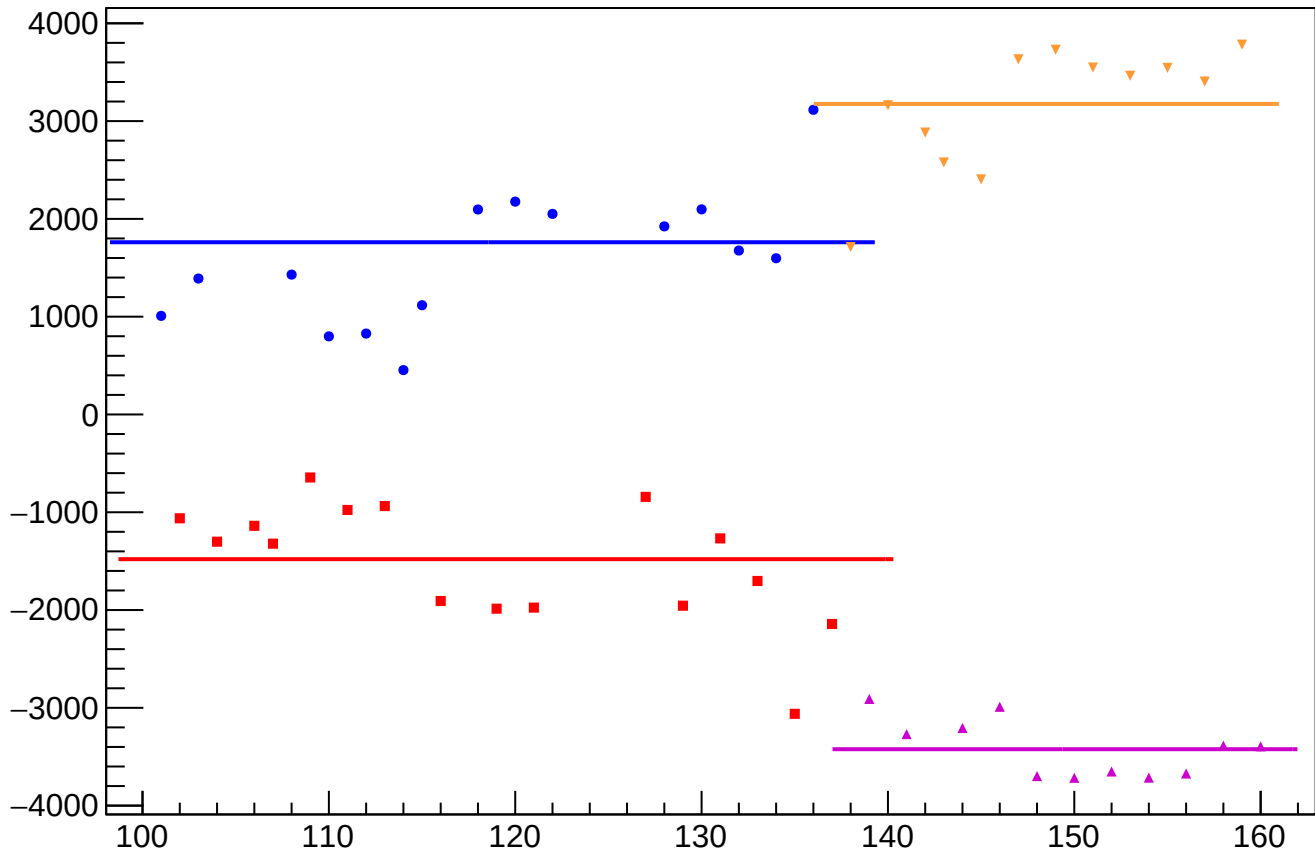
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000

χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3175.502+/-0.000

χ^2/NDF : 347291191980203589558827802227239813120.0/11

Right Out: -1479.801+/-0.000

χ^2/NDF : 263467768134780968832551238609236131840.0/15

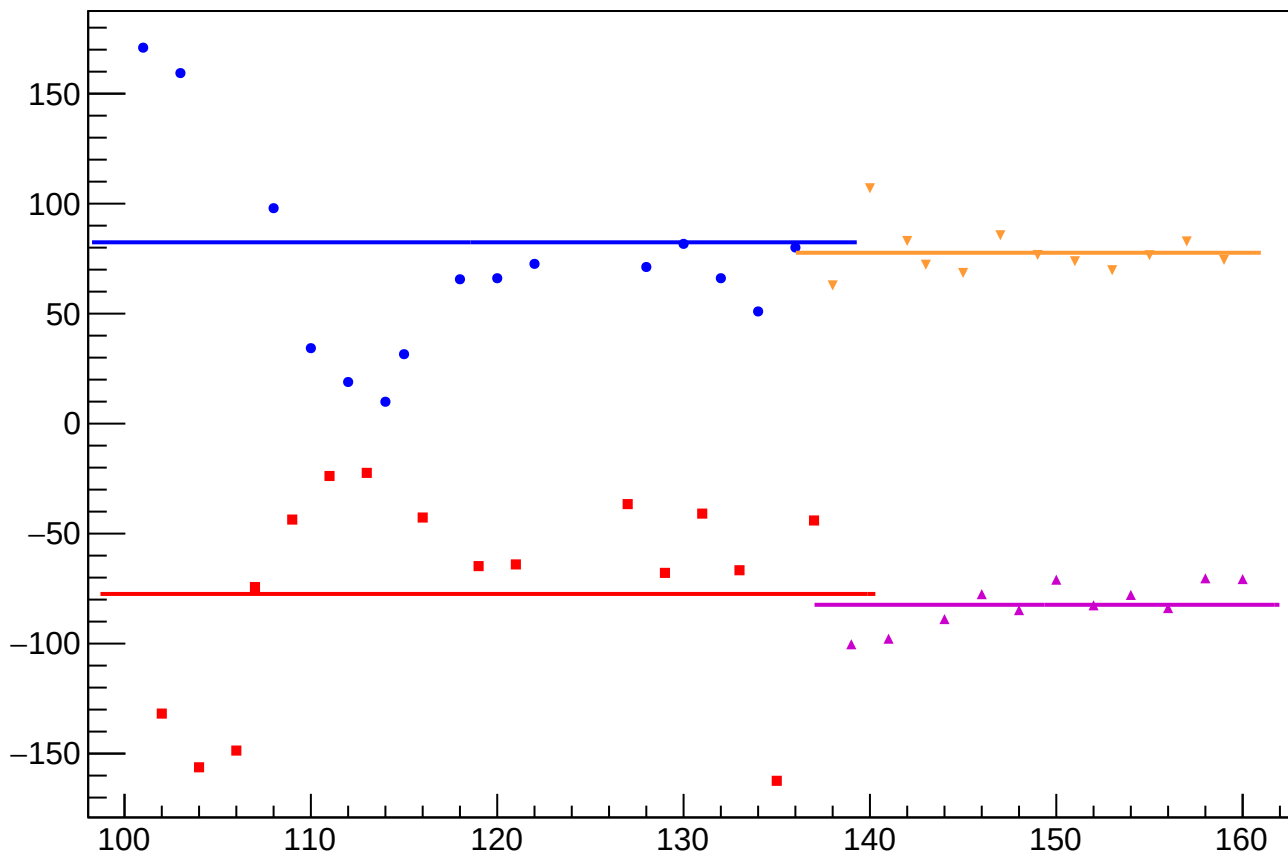
Left In: -3423.018+/-0.000

χ^2/NDF : 7453703884208882463869581727568494592.0/10

All: -30.064+/-0.000

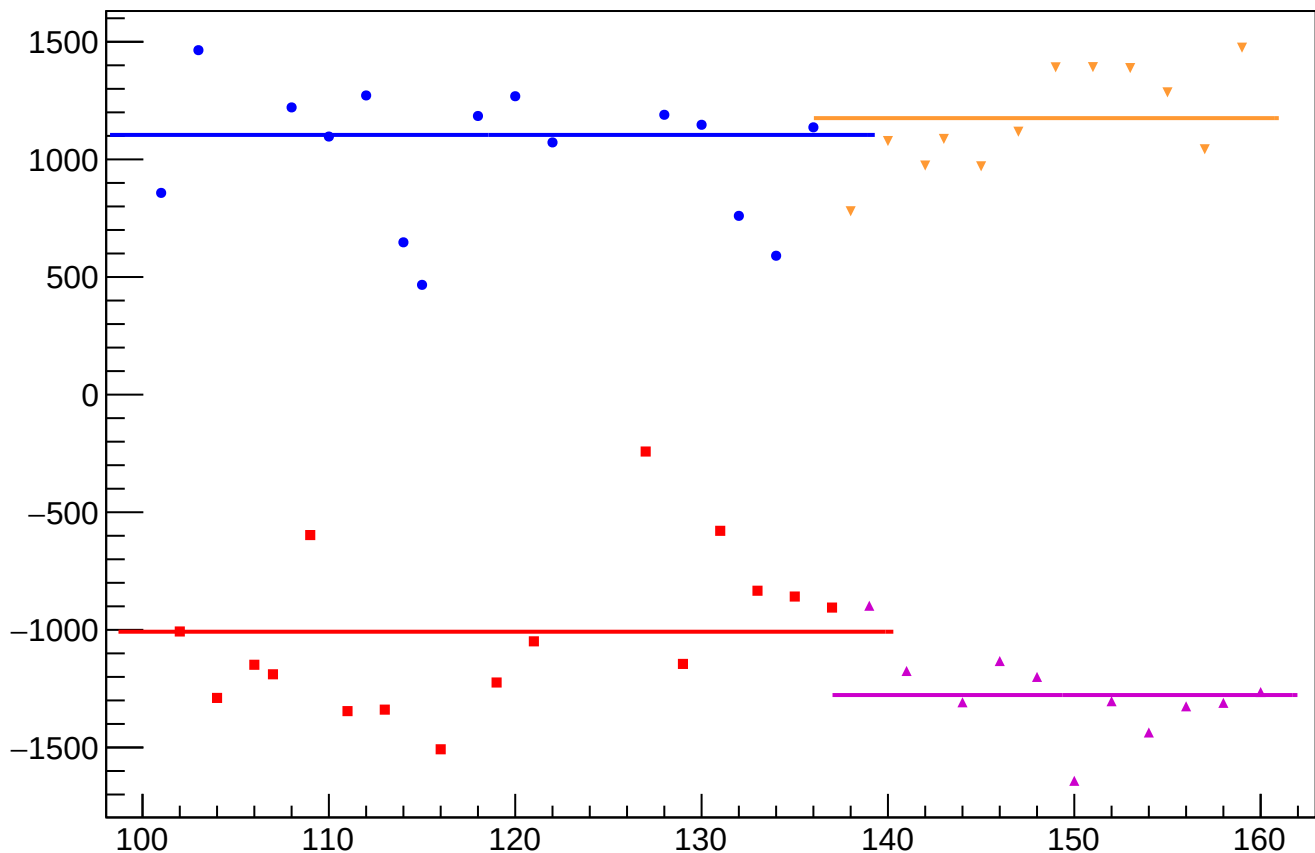
χ^2/NDF : 245618505677

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.672+/-0.000 χ^2/NDF : 112359425970115396973191851205984256.0/11
 Right Out: -77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: -82.361+/-0.000 χ^2/NDF : 88160536769186096496846966890692608.0/10
 All: -0.960+/-0.000 χ^2/NDF : 2318460638265

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 1104.111+/-0.000

χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1175.478+/-0.000

χ^2/NDF : 39966991584790626200337106489810354176.0/11

Right Out: -1007.906+/-0.000

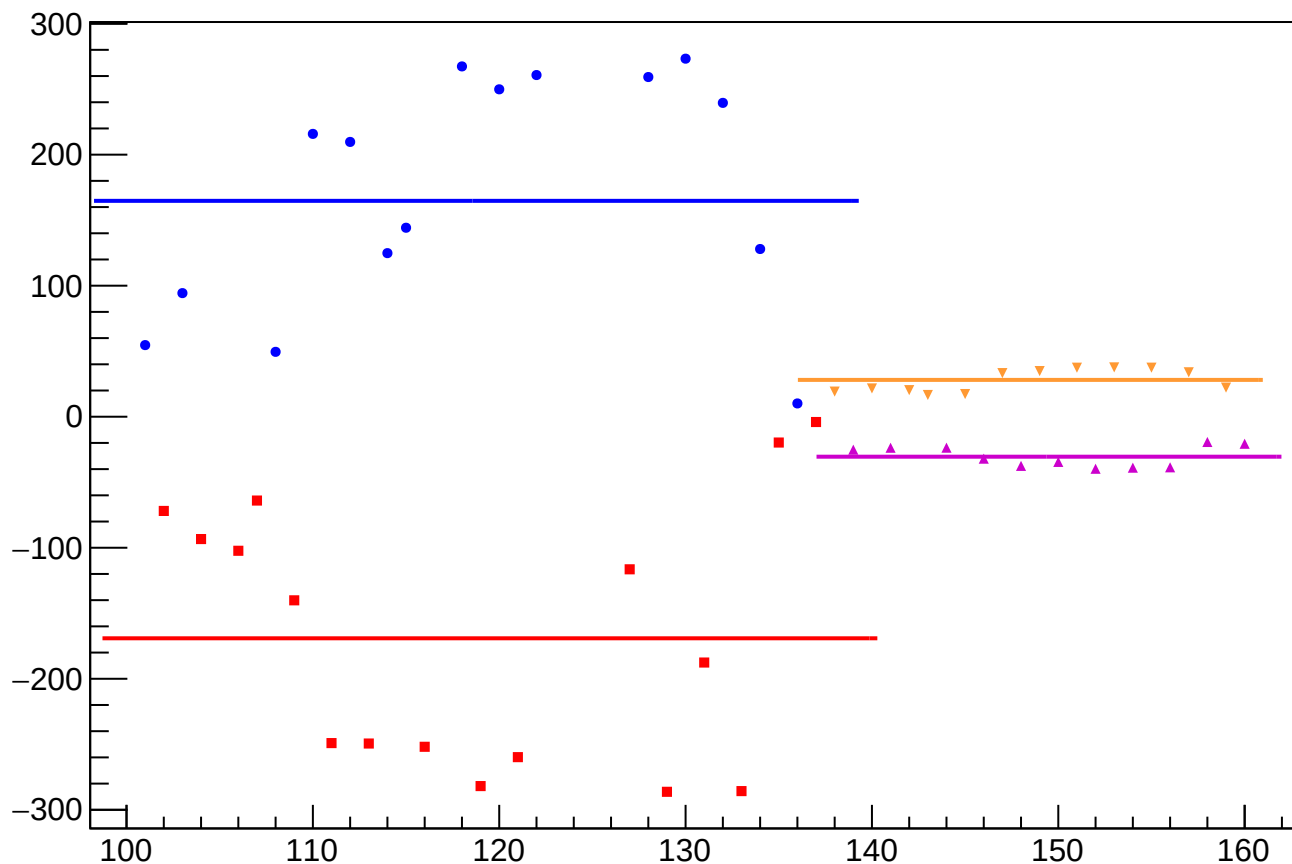
χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000

χ^2/NDF : 29578729901602647998073818936097374208.0/10

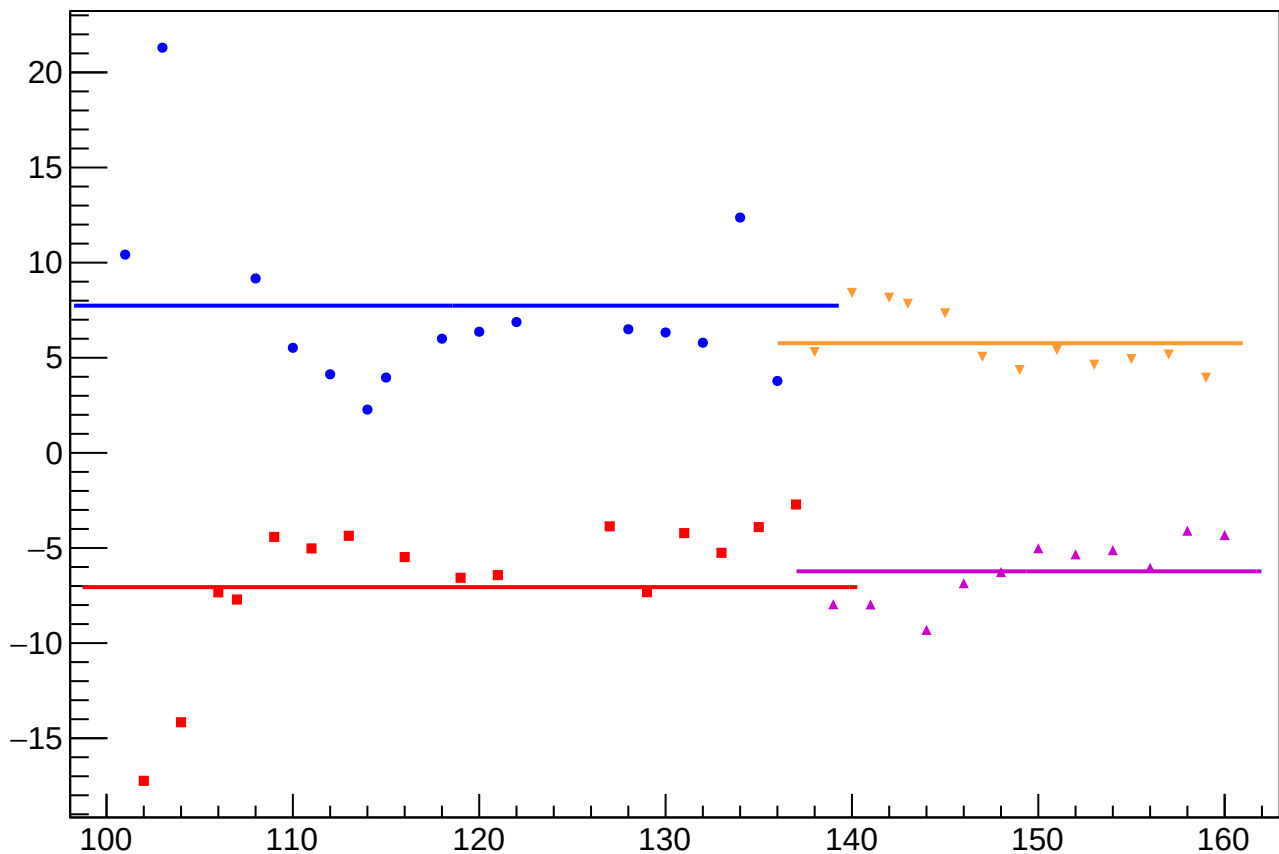
All: -18.318+/-0.000 χ^2/NDF : 441314646270

dit_4aX_coil7_mean vs Slug, Sign Corrected



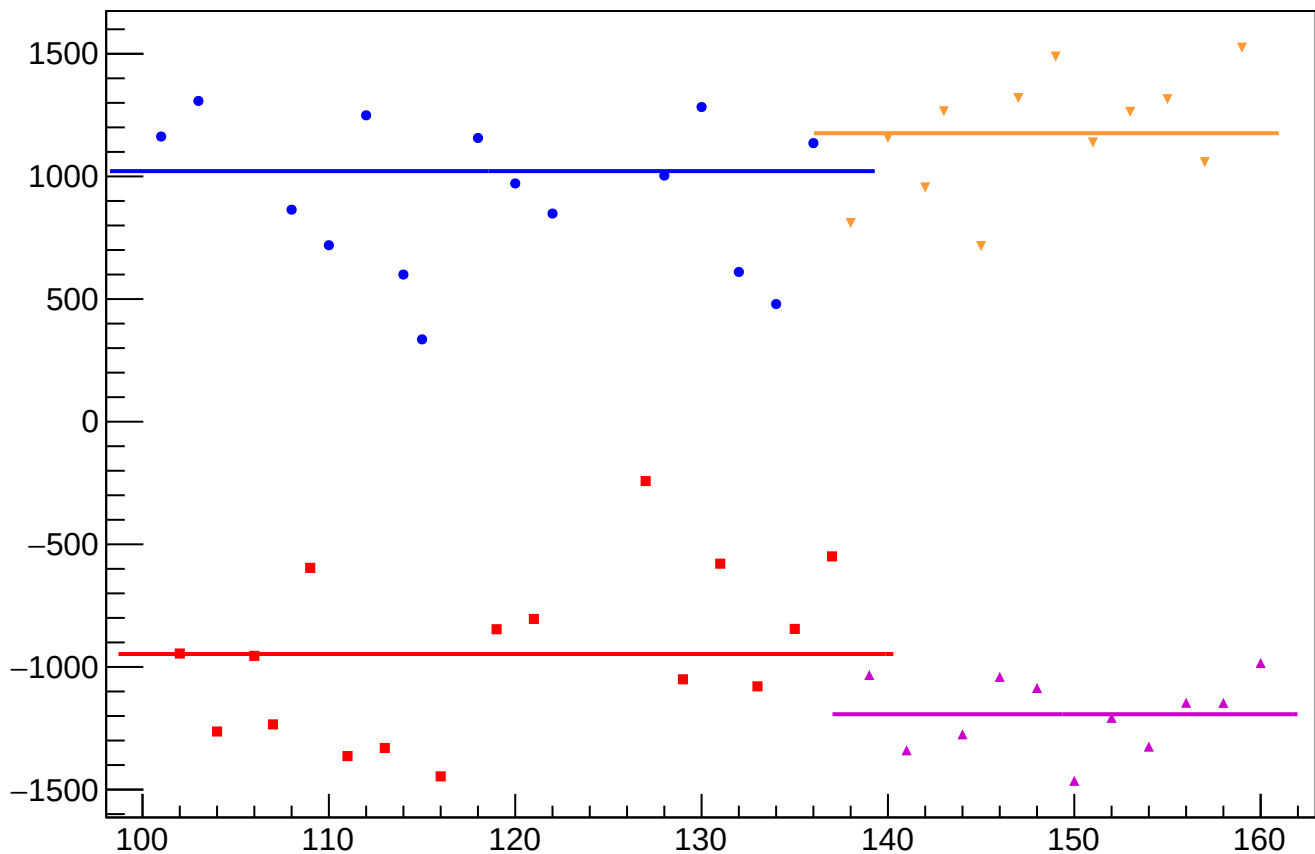
Left: -1.315 ± 0.000 $\chi^2/\text{NDF}: 16969654131032672$
 Right In: 164.752 ± 0.000 $\chi^2/\text{NDF}: 6369828943181833917425699916554960896.0/14$
 Left Out: 28.100 ± 0.000 $\chi^2/\text{NDF}: 63517357309911090447070669792346112.0/11$
 Right Out: -169.108 ± 0.000 $\chi^2/\text{NDF}: 6040721802042936822766910687819071488.0/15$
 In: 50.054 ± 0.000 $\chi^2/\text{NDF}: 209572439496556085$
 Out: -54.941 ± 0.000 $\chi^2/\text{NDF}: 2112137881381696$
 Left In: -30.507 ± 0.000 $\chi^2/\text{NDF}: 52600700148274049801586699671699456.0/10$
 All: -2.626 ± 0.000 $\chi^2/\text{NDF}: 5077924344541$

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 5.764+/-0.000 χ^2/NDF : 2014473932574383690261327211659264.0/11
 Right Out: -7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -6.228+/-0.000 χ^2/NDF : 2331911751655733809355489024147456.0/10
 All: -0.049+/-0.000 χ^2/NDF : 1691437180051

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242+/-0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145+/-0.000

χ^2/NDF : 67784656011936521511169668028018196480.0/15

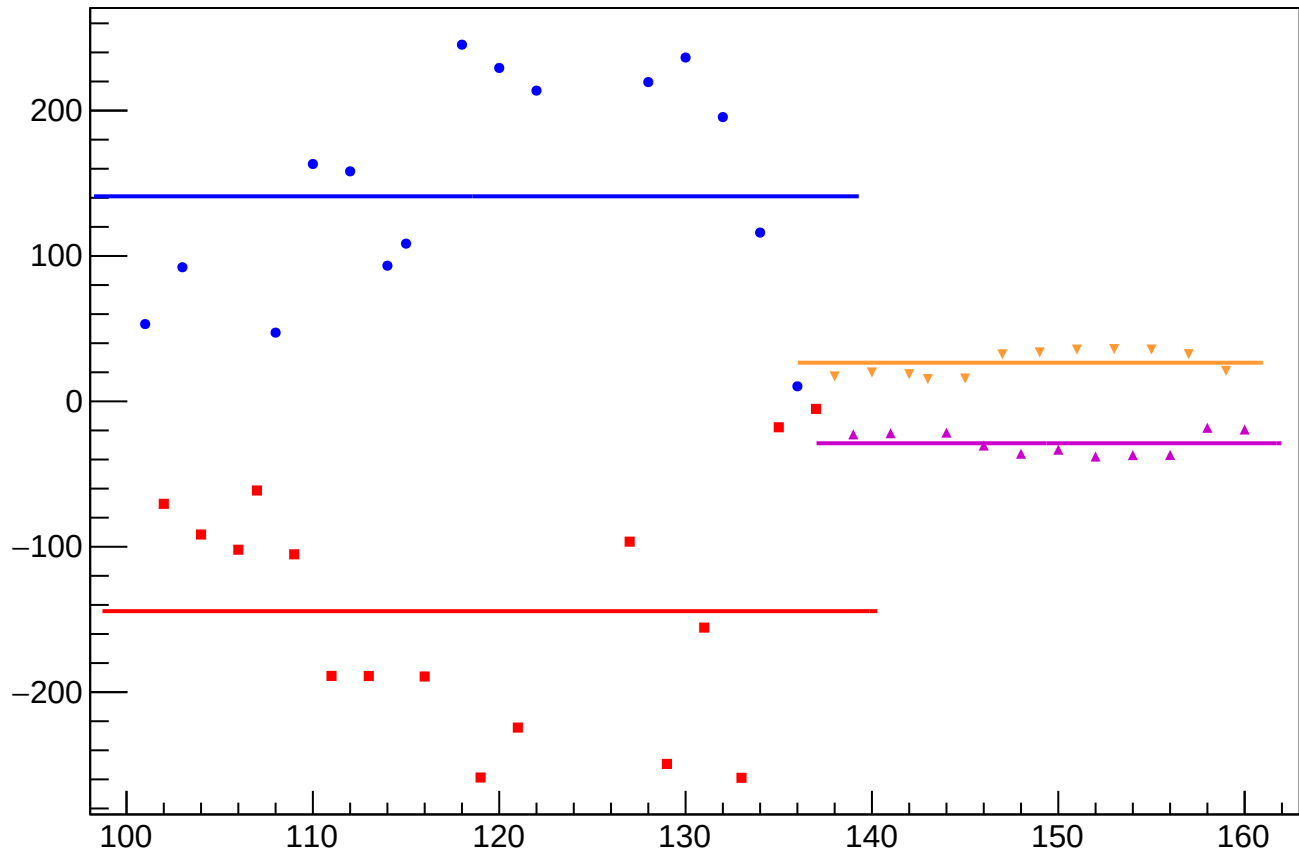
Left In: -1192.687+/-0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

All: 2.502+/-0.000

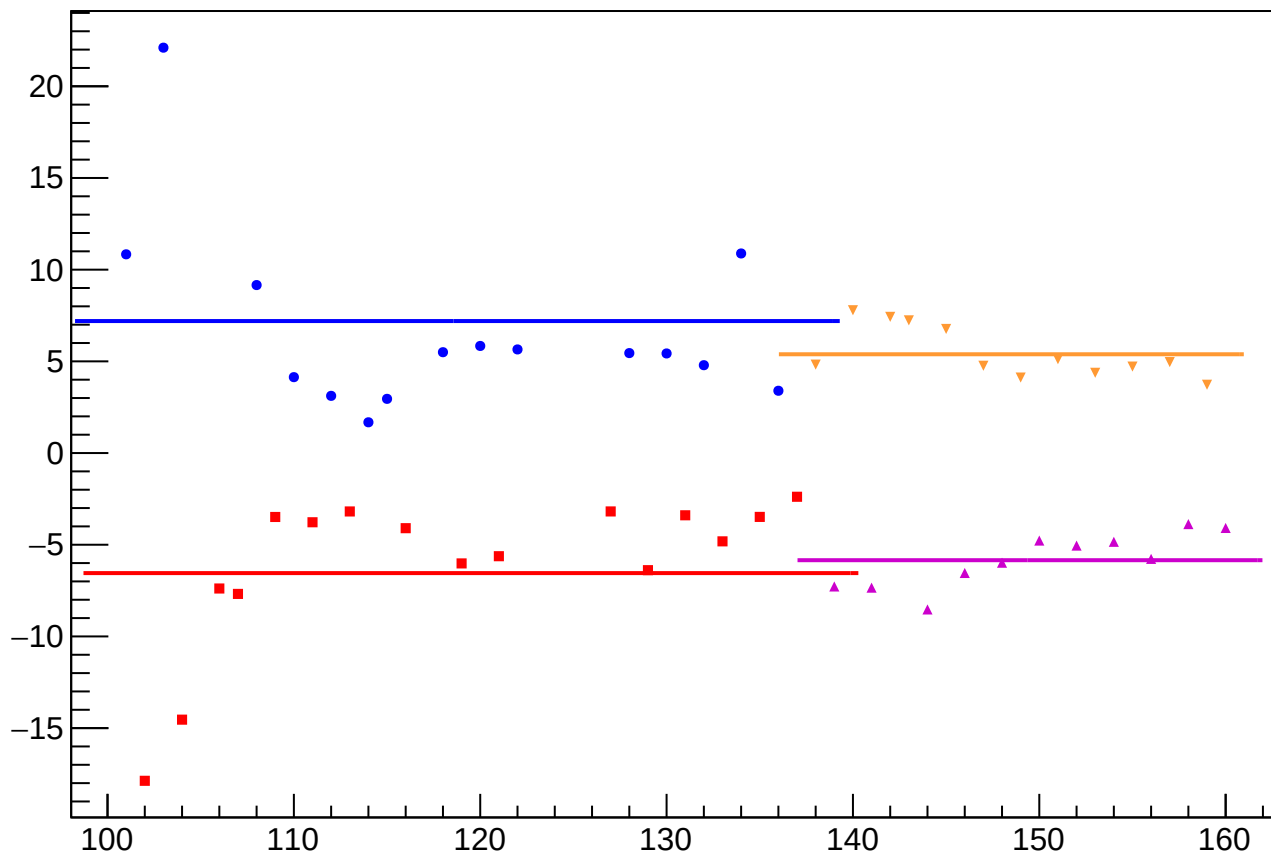
χ^2/NDF : 40397791098983

dit_4eX_coil7_mean vs Slug, Sign Corrected



Left: -1.223 ± 0.000 $\chi^2/\text{NDF}: 15286596958341746$
 Right In: 141.032 ± 0.000 $\chi^2/\text{NDF}: 4507992585512923332587415612245934080.0/14$
 Left Out: 26.582 ± 0.000 $\chi^2/\text{NDF}: 63880546932393658050614652141830144.0/11$
 Right Out: -144.283 ± 0.000 $\chi^2/\text{NDF}: 4268333571517740886065361663928827904.0/15$
 Left In: -28.817 ± 0.000 $\chi^2/\text{NDF}: 52309797532132393990553277307027456.0/10$
 All: -2.204 ± 0.000 $\chi^2/\text{NDF}: 3708629931644$

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Left: -0.250+/-0.000 χ^2/NDF : 61475661357383771

Right: 0.232+/-0.000 χ^2/NDF : 94430884745367791

In: -0.463+/-0.000 χ^2/NDF : 848816588920174735

Out: 0.362+/-0.000 χ^2/NDF : 706663697105206630

All: -0.049+/-0.000 χ^2/NDF : 1560843650902

Right In: 7.198+/-0.000

χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.387+/-0.000

χ^2/NDF : 1602138249882478814835943843823616.0/11

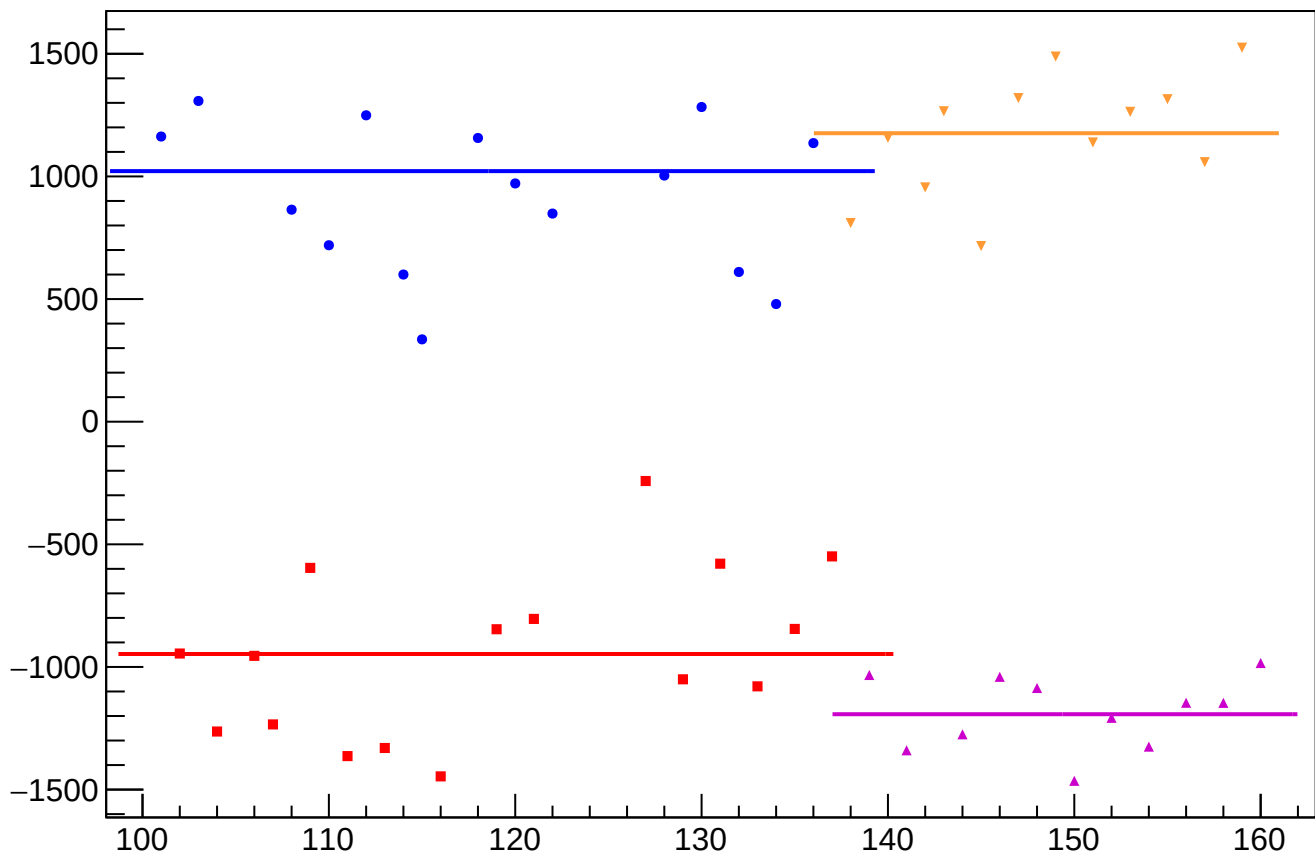
Right Out: -6.547+/-0.000

χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: -5.843+/-0.000

χ^2/NDF : 1832786837102707862400537806766080.0/10

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 $\pm$ 0.000

Left Out: 1176.242 $\pm$ 0.000

Right Out: -947.145 $\pm$ 0.000

Left In: -1192.687 $\pm$ 0.000

χ^2 /NDF: 40493101470870278397836276403592495104.0/14

χ^2 /NDF: 53355525796592022882385023198883217408.0/11

χ^2 /NDF: 67784656011936521511169668028018196480.0/15

χ^2 /NDF: 19255287383728205662654022867381911552.0/10

Left: -12.726 $\pm$ 0.000 χ^2 /NDF: 2655416452338642

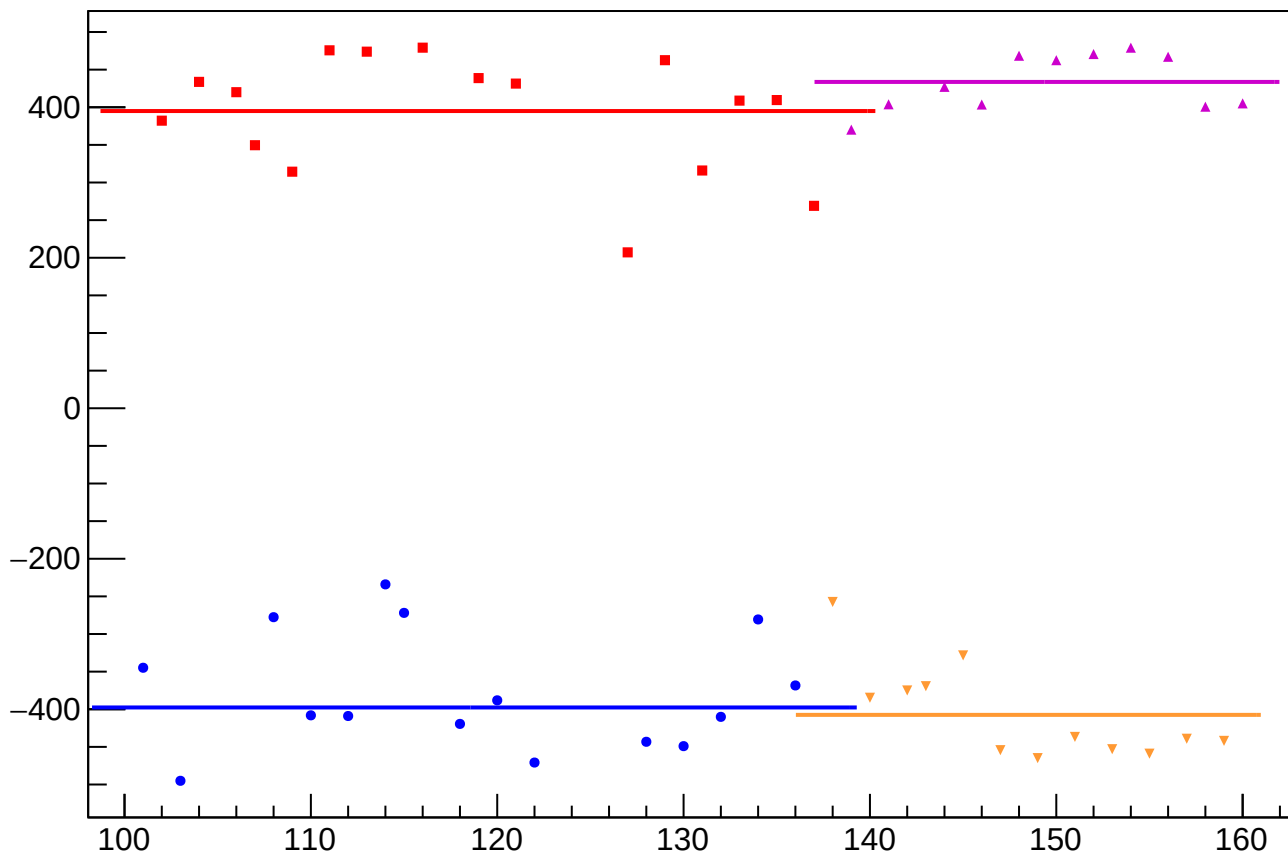
Right: 23.805 $\pm$ 0.000 χ^2 /NDF: 1383338523153511

In: -279.065 $\pm$ 0.000 χ^2 /NDF: 1929090788254319

Out: 282.114 $\pm$ 0.000 χ^2 /NDF: 1862139150205248

All: 2.502 $\pm$ 0.000 χ^2 /NDF: 40397791098983

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000

χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -407.457+/-0.000

χ^2/NDF : 3530254490804072685015705910637494272.0/11

Right Out: 394.973+/-0.000

χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: 433.664+/-0.000

χ^2/NDF : 1198237421385461104687495484599697408.0/10

Left: 14.703+/-0.000 χ^2/NDF : 33034351066378243

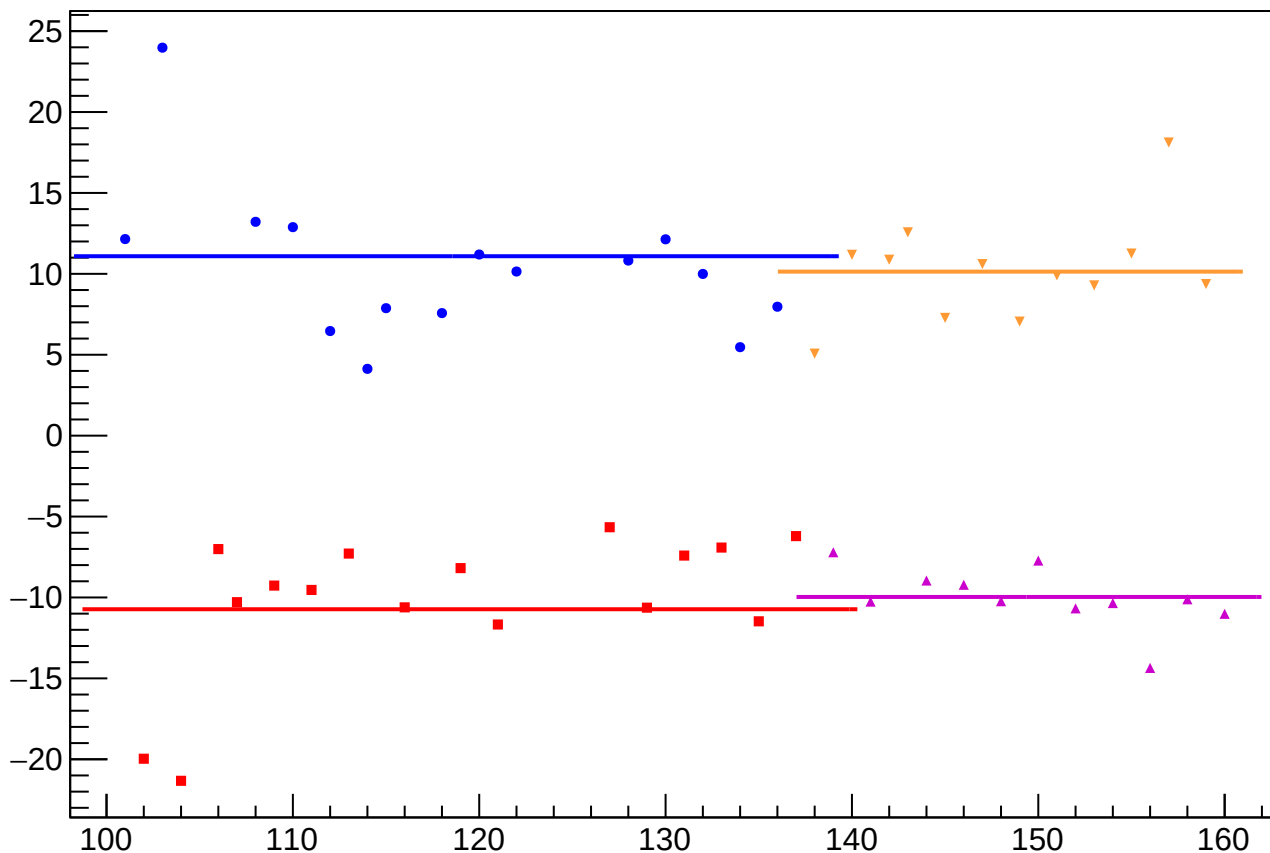
Right: 4.100+/-0.000 χ^2/NDF : 21298342988437283

In: 90.690+/-0.000 χ^2/NDF : 267298439260479340

Out: -69.565+/-0.000 χ^2/NDF : 2558458323075141

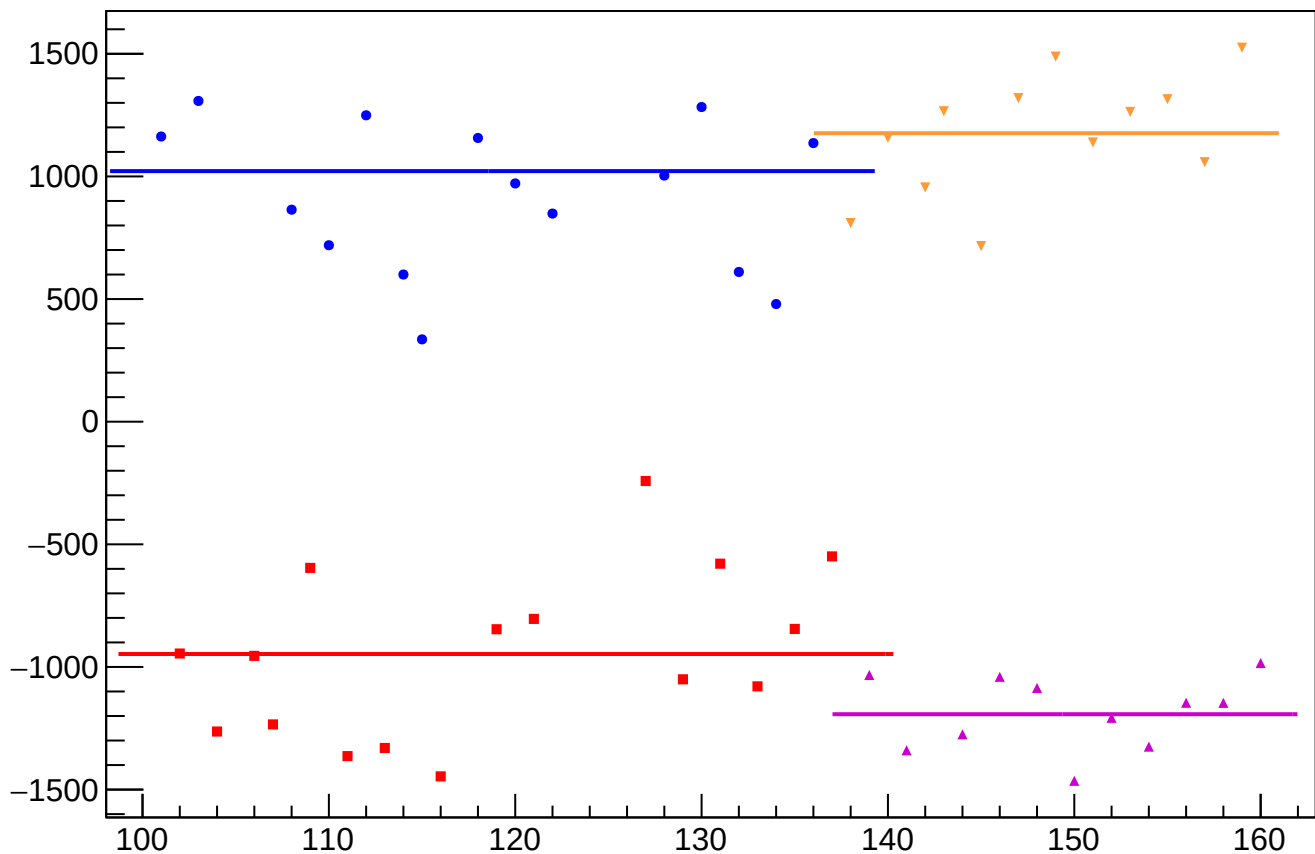
All: 10.283+/-0.000 χ^2/NDF : 5434132132493

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14
 Left Out: 10.137 $\pm$ 0.000 χ^2 /NDF: 9233961900502442042562315288576000.0/11
 Right Out: -10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15
 Left In: -9.968 $\pm$ 0.000 χ^2 /NDF: 2905664542402179840795878184976384.0/10
 All: 0.040 $\pm$ 0.000 χ^2 /NDF: 38375780972276

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1176.242+/-0.000

Right Out: -947.145+/-0.000

Left In: -1192.687+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 53355525796592022882385023198883217408.0/11

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 1925528738372820562654022867381911552.0/10

Left: -12.726+/-0.000 χ^2/NDF : 2655416452338642

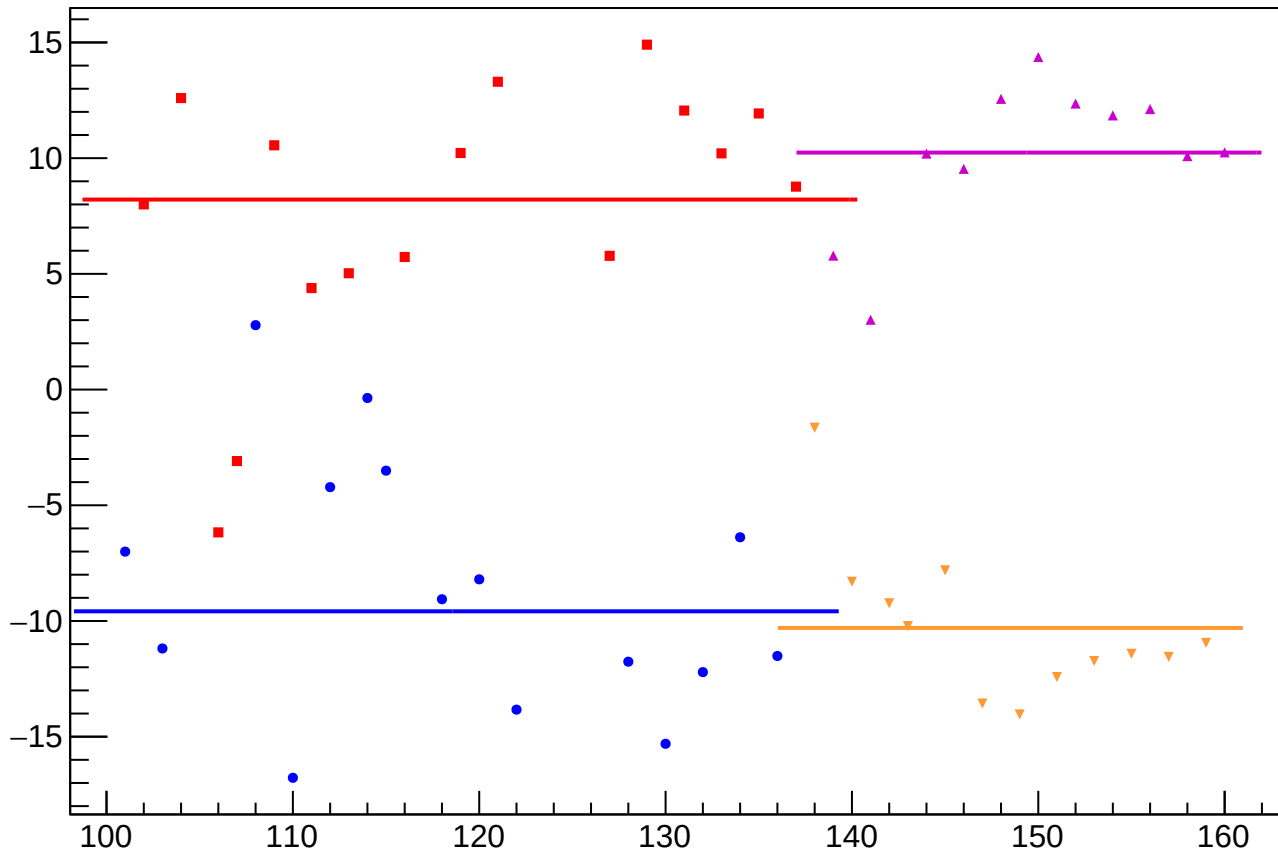
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -279.065+/-0.000 χ^2/NDF : 1929090788254319

Out: 282.114+/-0.000 χ^2/NDF : 1862139150205248

All: 2.502+/-0.000 χ^2/NDF : 40397791098983

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.582 ± 0.000

χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -10.300 ± 0.000

χ^2/NDF : 9506877601099056155644993577418752.0/11

Right Out: 8.211 ± 0.000

χ^2/NDF : 18304237293835961465605754204454912.0/15

Left In: 10.241 ± 0.000

χ^2/NDF : 8992829088408430483485977772818432.0/10

Left: 0.010 ± 0.000 χ^2/NDF : 212694162035822707

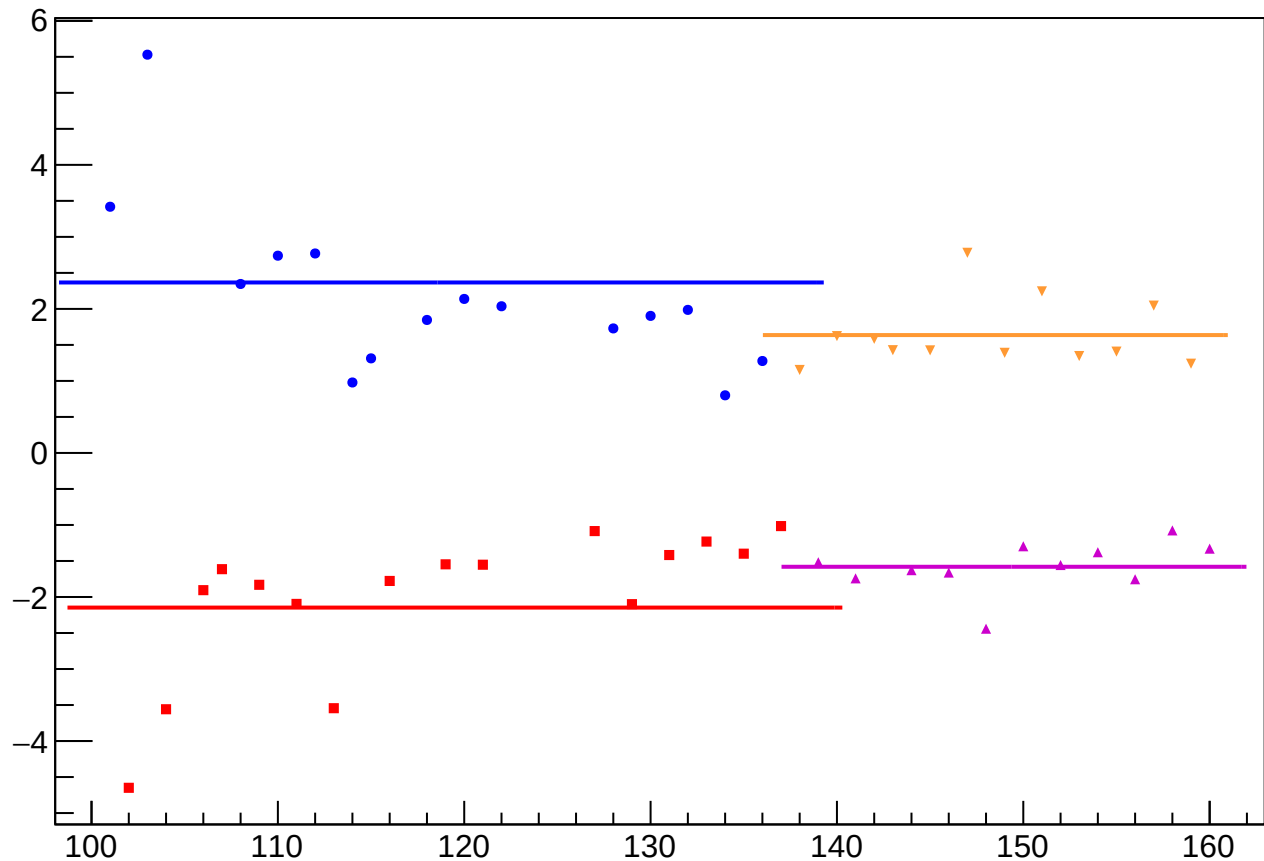
Right: -0.564 ± 0.000 χ^2/NDF : 1371493250181668

In: 2.062 ± 0.000 χ^2/NDF : 1735093437250268156

Out: -2.505 ± 0.000 χ^2/NDF : 16012140379584636

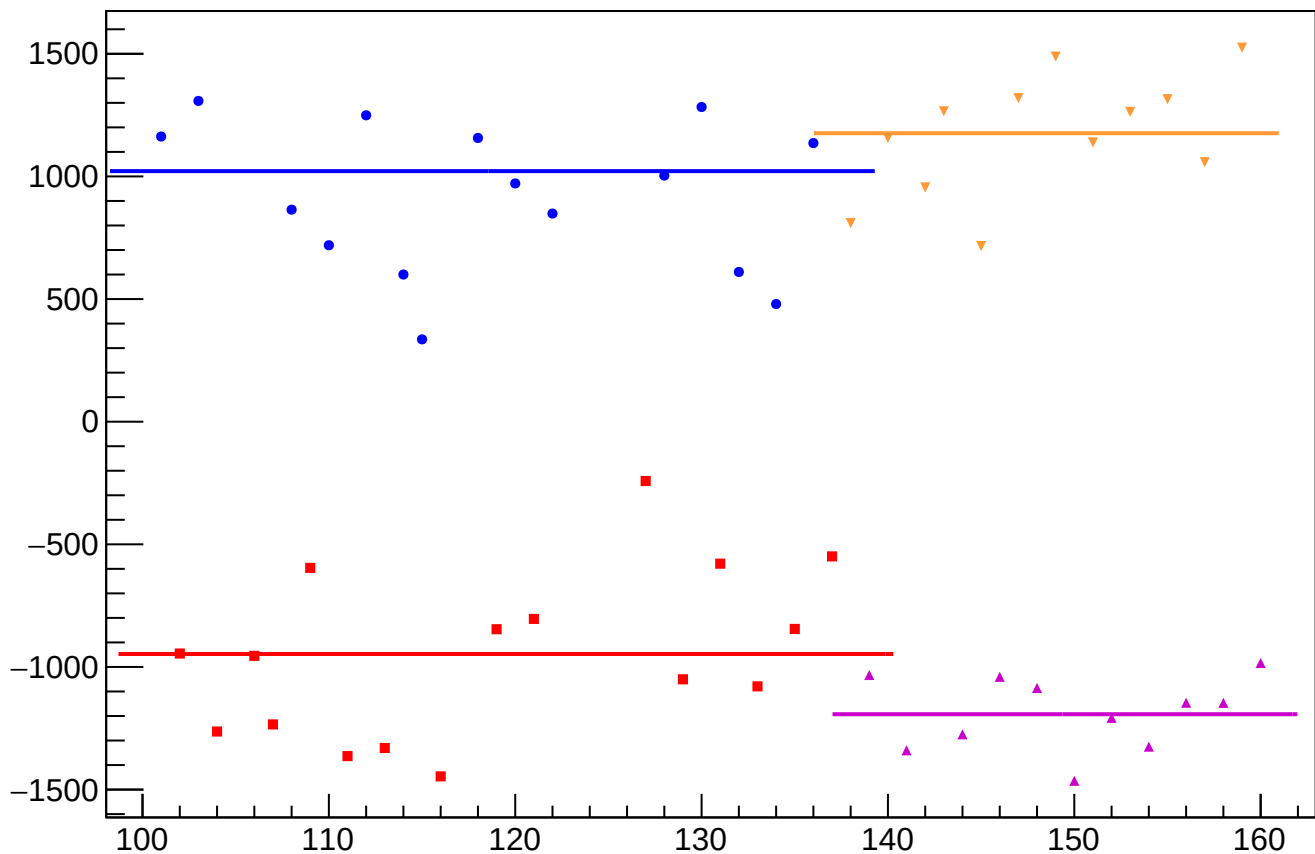
All: -0.229 ± 0.000 χ^2/NDF : 3500960863044

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.367 ± 0.000 χ^2/NDF : 920633294546152876922066767446016.0/14
 Left Out: 1.637 ± 0.000 χ^2/NDF : 197584846951597051944769289191424.0/11
 Right Out: -2.147 ± 0.000 χ^2/NDF : 764171992480224478656127555338240.0/15
 Left In: -1.580 ± 0.000 χ^2/NDF : 104159820106689813353171792166912.0/10
 All: 0.046 ± 0.000 χ^2/NDF : 13455208592598

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1176.242+/-0.000

Right Out: -947.145+/-0.000

Left In: -1192.687+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 53355525796592022882385023198883217408.0/11

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 19255287383728205662654022867381911552.0/10

Left: -12.726+/-0.000 χ^2/NDF : 2655416452338642

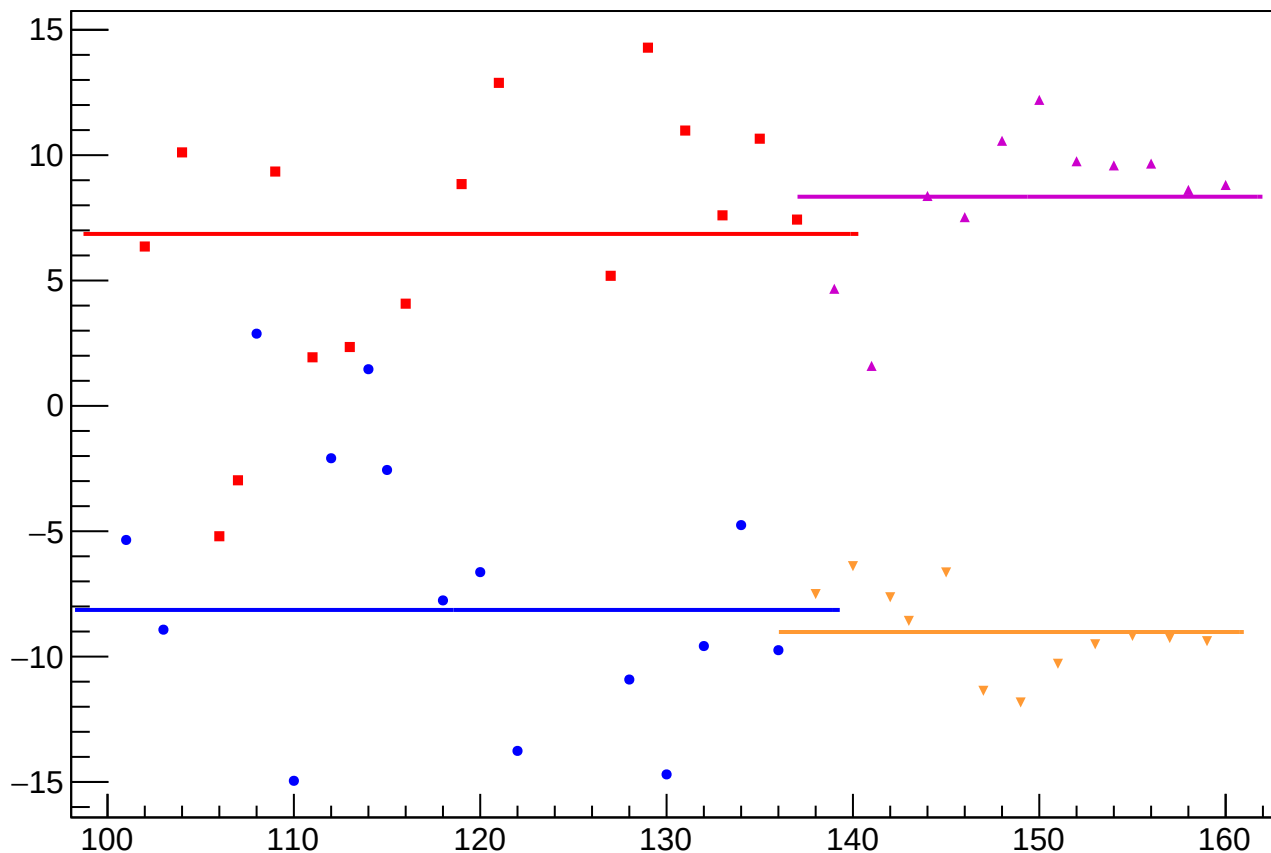
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -279.065+/-0.000 χ^2/NDF : 1929090788254319

Out: 282.114+/-0.000 χ^2/NDF : 1862139150205248

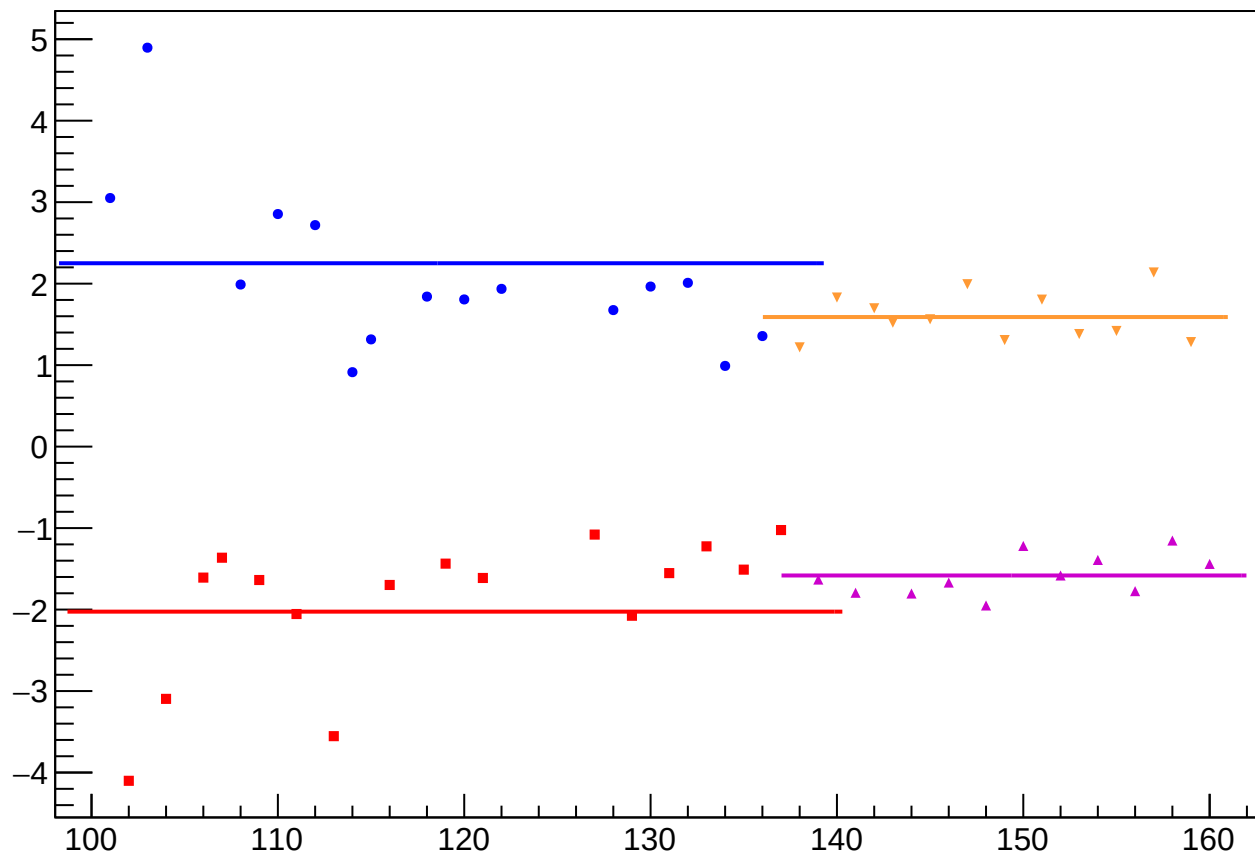
All: 2.502+/-0.000 χ^2/NDF : 40397791098983

dit_4eY_coil7_mean vs Slug, Sign Corrected



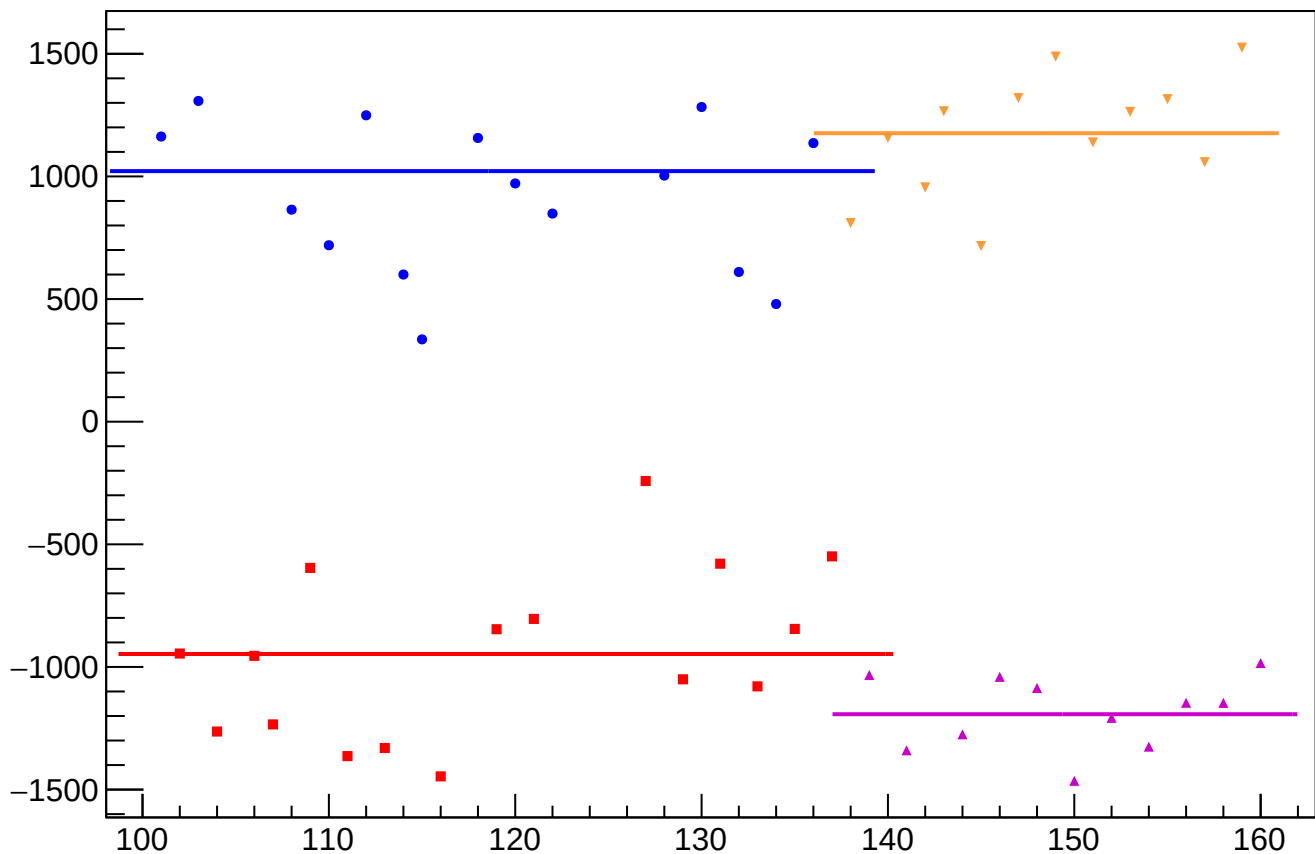
Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14
 Left In: 8.343 ± 0.000 χ^2/NDF : 7268690948063694771204756789526528.0/10
 Right Out: -9.019 ± 0.000 χ^2/NDF : 2556393635520144823493802684579840.0/11
 Left Out: 6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15
 All: -0.402 ± 0.000 χ^2/NDF : 2537437015122

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.250 +/- 0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.590 +/- 0.000 χ^2/NDF : 76554351114693669605218090745856.0/11
 Right Out: -2.025 +/- 0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.582 +/- 0.000 χ^2/NDF : 54930988145763434904897999339520.0/10
 All: 0.034 +/- 0.000 χ^2/NDF : 12016412328768.0/40

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

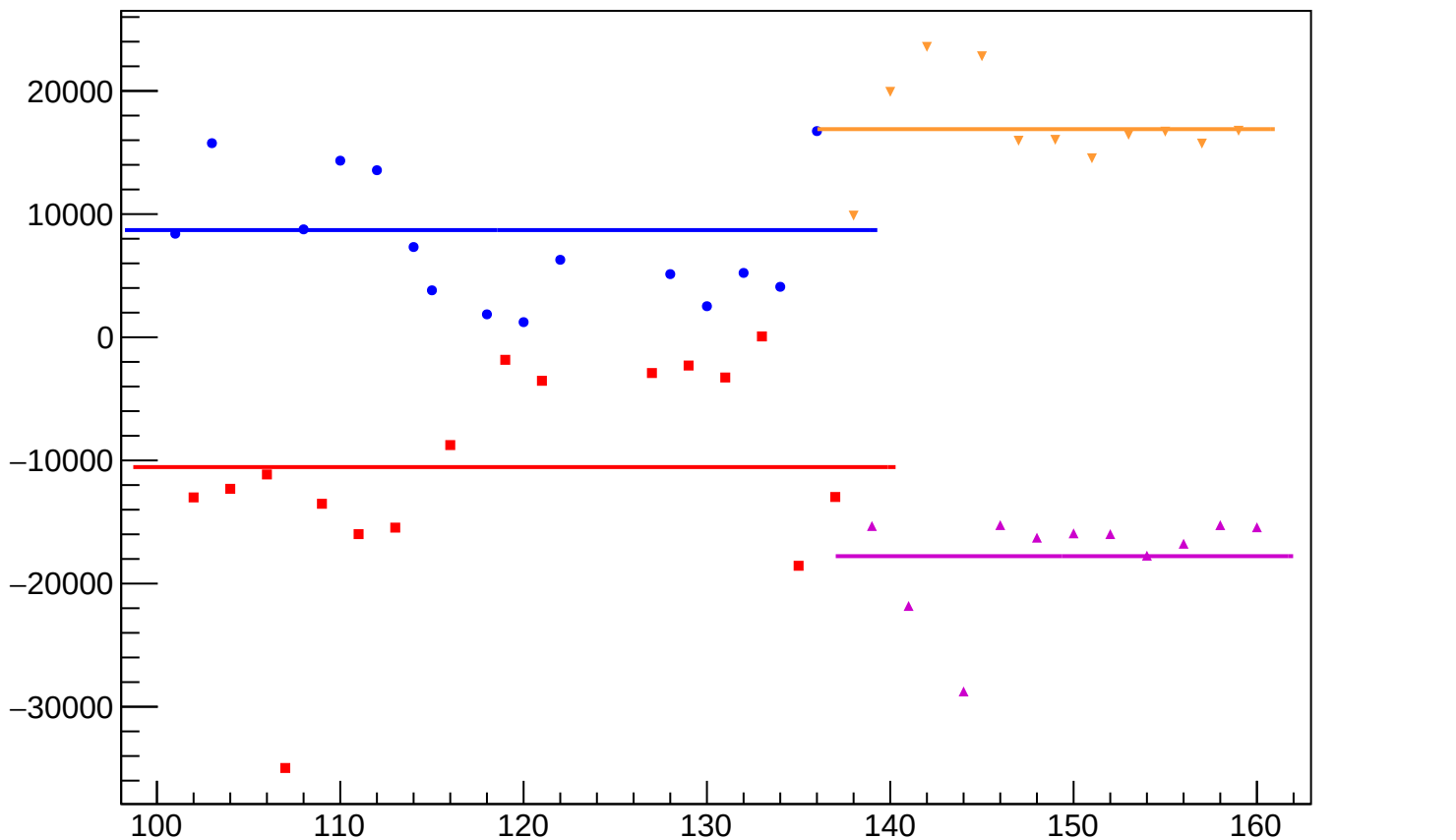
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

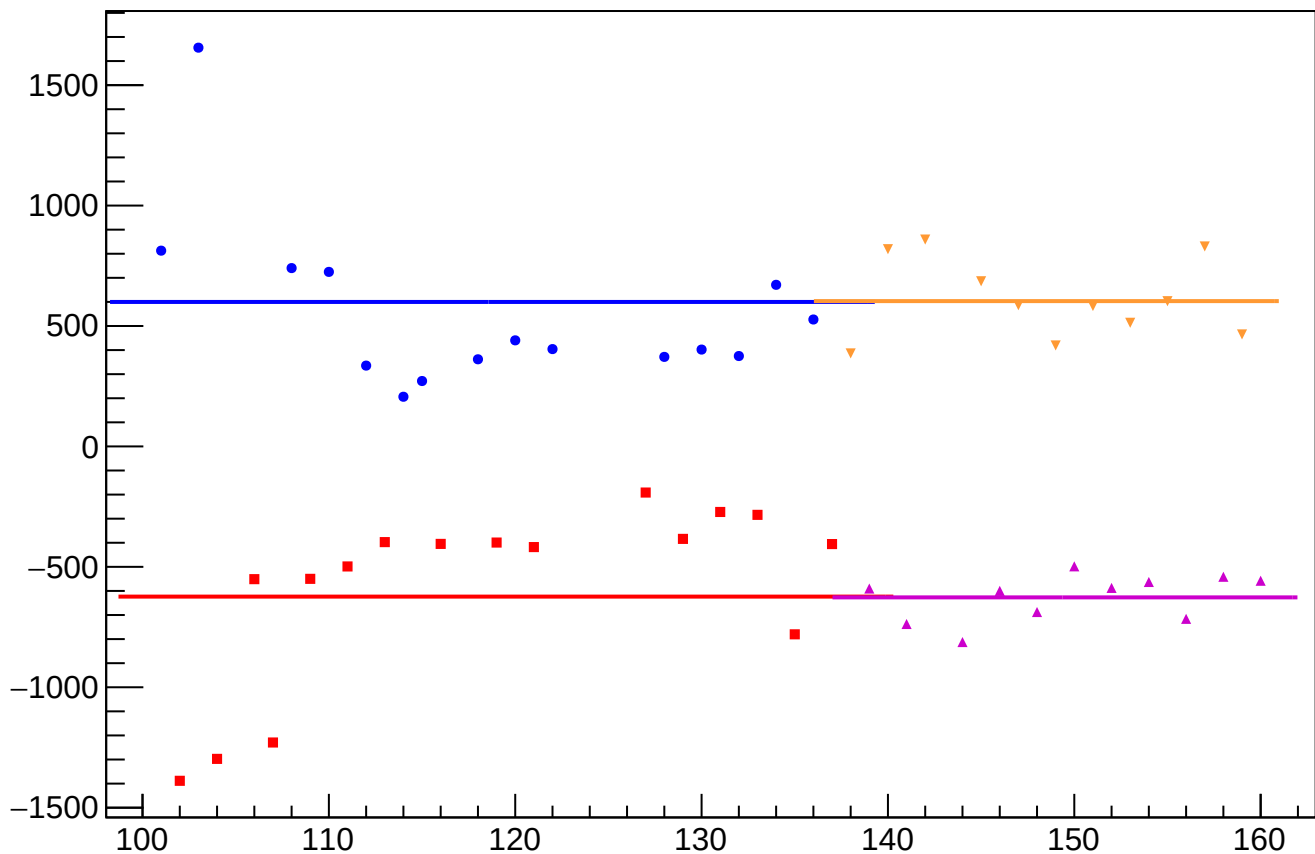
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16897.725+/-0.000 χ^2/NDF : 10176252623828635713405692864230091390976.0/10
 Right Out: -10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: -17773.103+/-0.000 χ^2/NDF : 14926066991142889452676587552618632445952.0/10
 All: -1113.447+/-0.000 χ^2/NDF : 7448275665

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 599.849 +/- 0.000

χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 603.317 +/- 0.000

χ^2/NDF : 20231084325408050976710009900855459840.0/10

Right Out: -623.569 +/- 0.000

χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: -626.785 +/- 0.000

χ^2/NDF : 8170989429665370050254275774703992832.0/10

Left: -37.390 +/- 0.000 χ^2/NDF : 6983171203334230

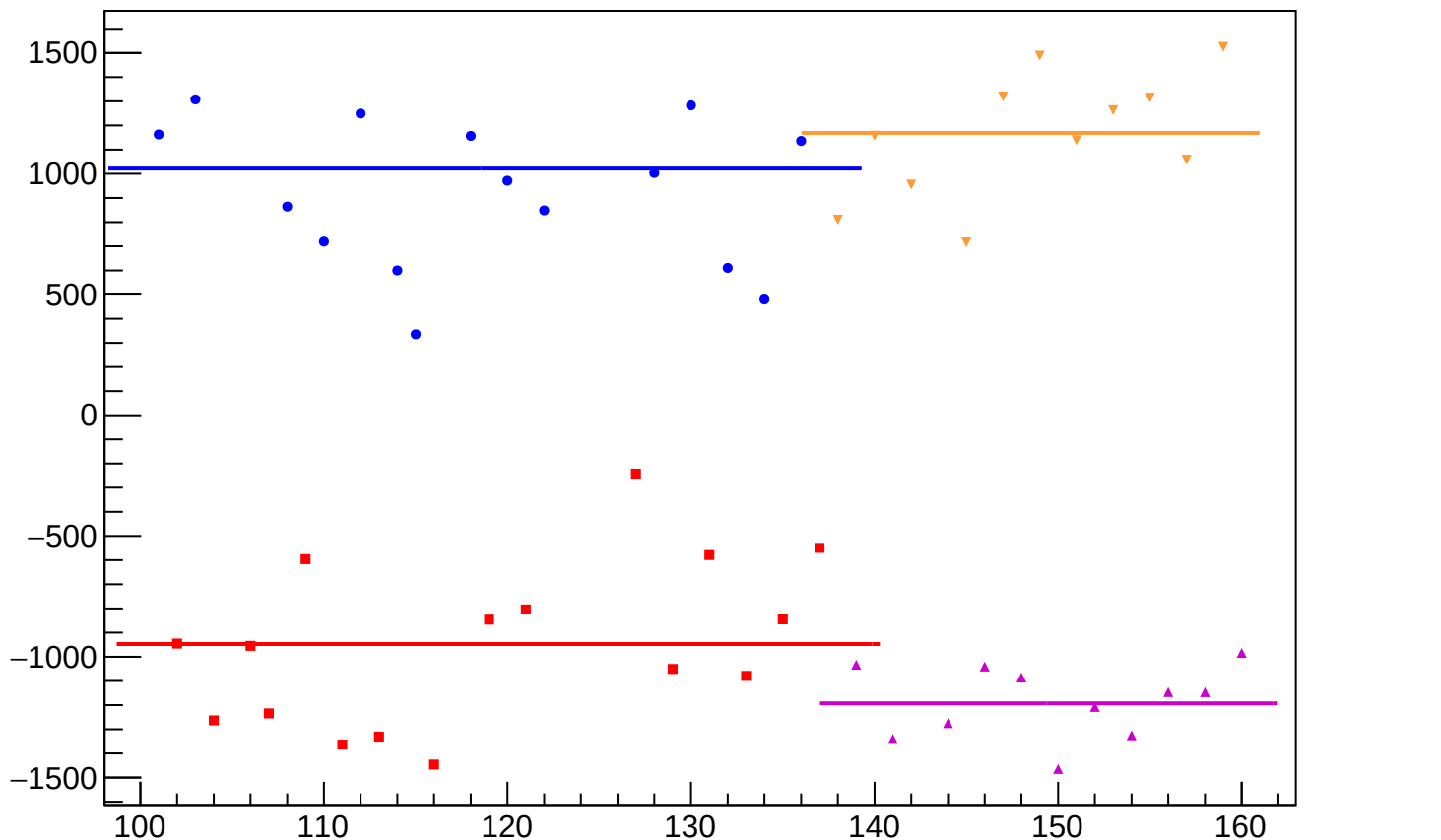
Right: -20.227 +/- 0.000 χ^2/NDF : 683047104243510

In: -120.691 +/- 0.000 χ^2/NDF : 6710419743647367

Out: 63.875 +/- 0.000 χ^2/NDF : 68423834626754632

All: -30.080 +/- 0.000 χ^2/NDF : 138158678940

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Left: -61.008 ± 0.000 χ^2/NDF : 2541782775965116

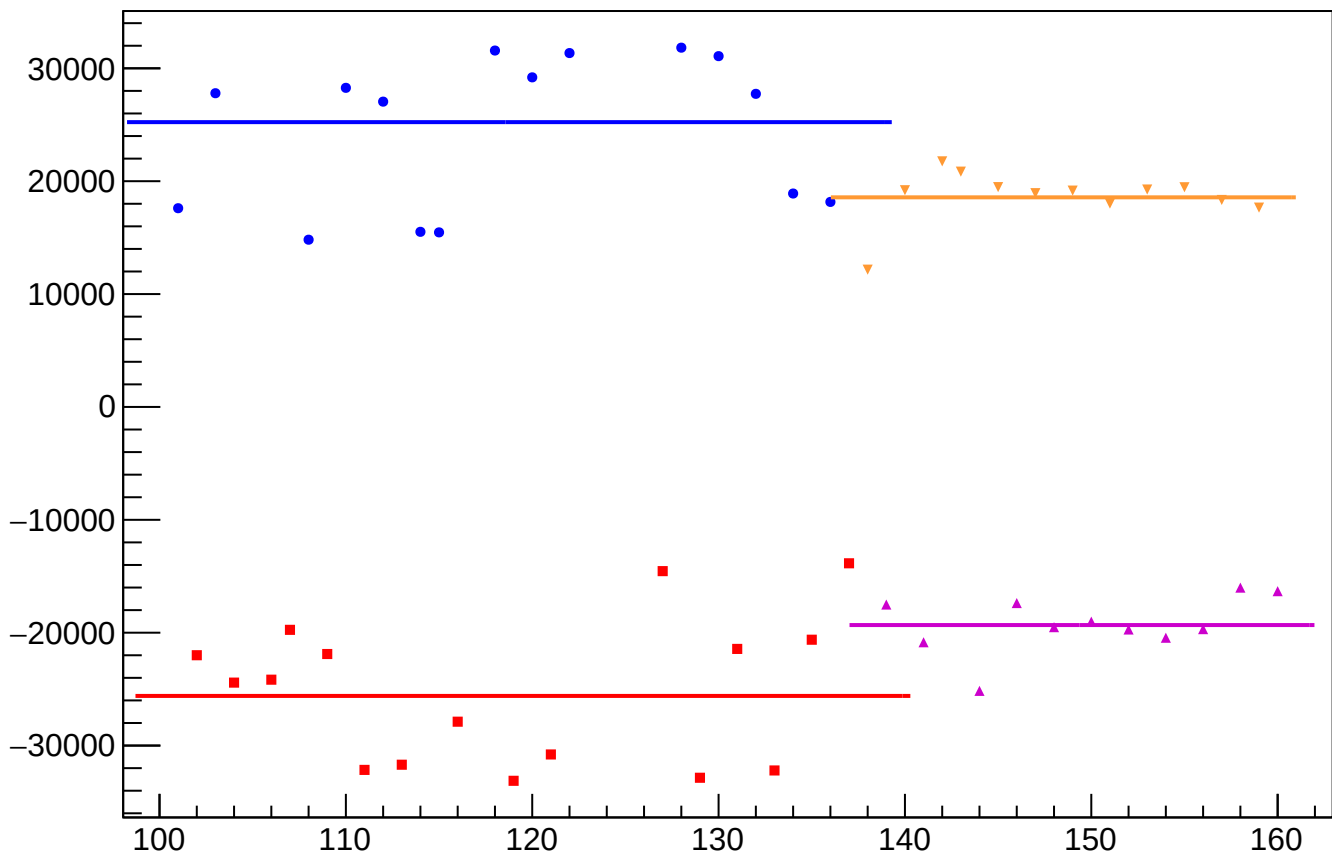
Right: 23.805 ± 0.000 χ^2/NDF : 1383338523153511

In: -279.065 ± 0.000 χ^2/NDF : 1929090788254319

Out: 238.674 ± 0.000 χ^2/NDF : 1794461642916467

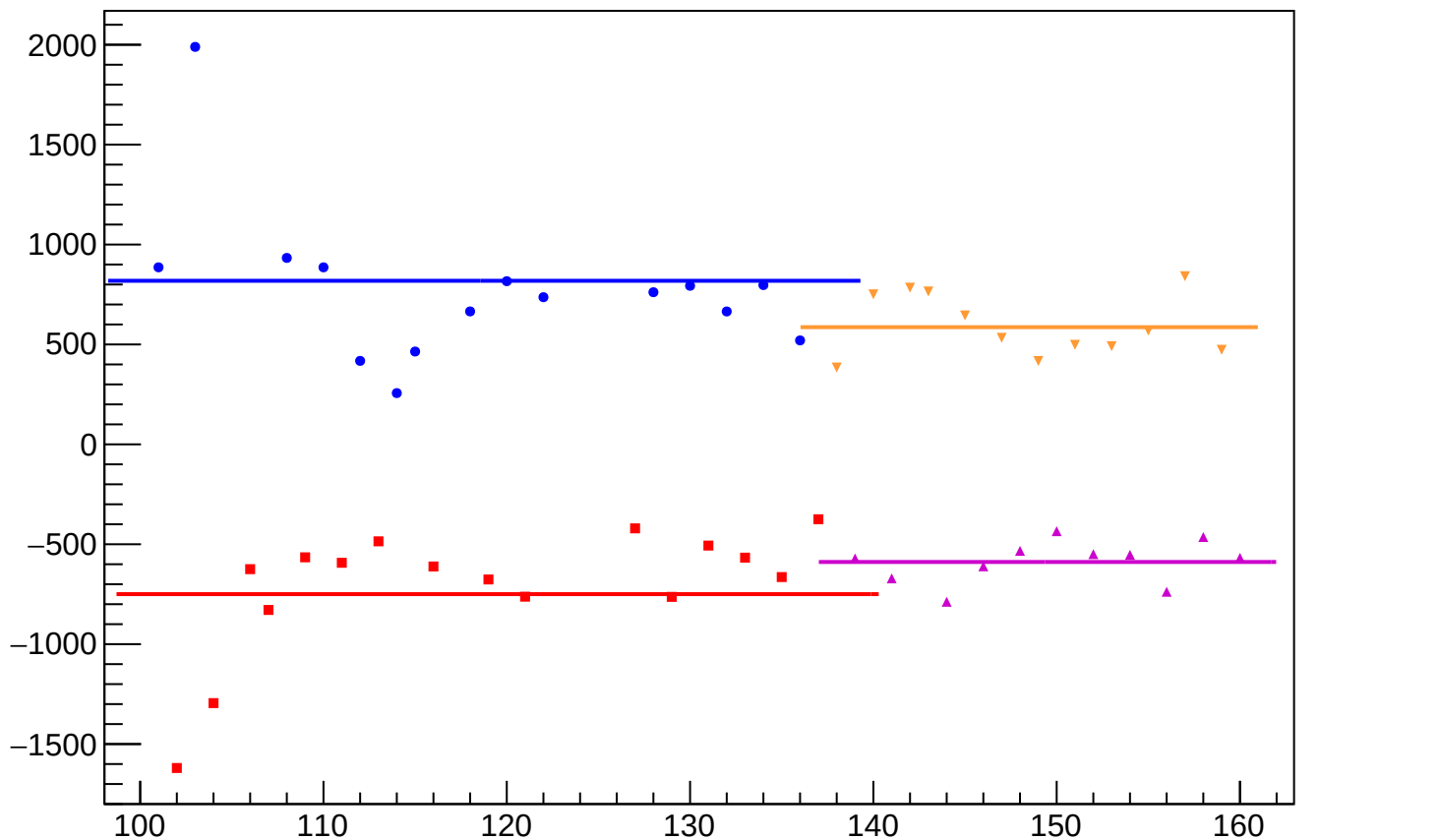
All: -24.887 ± 0.000 χ^2/NDF : 393055602424

dit_usr_coil7_mean vs Slug, Sign Corrected



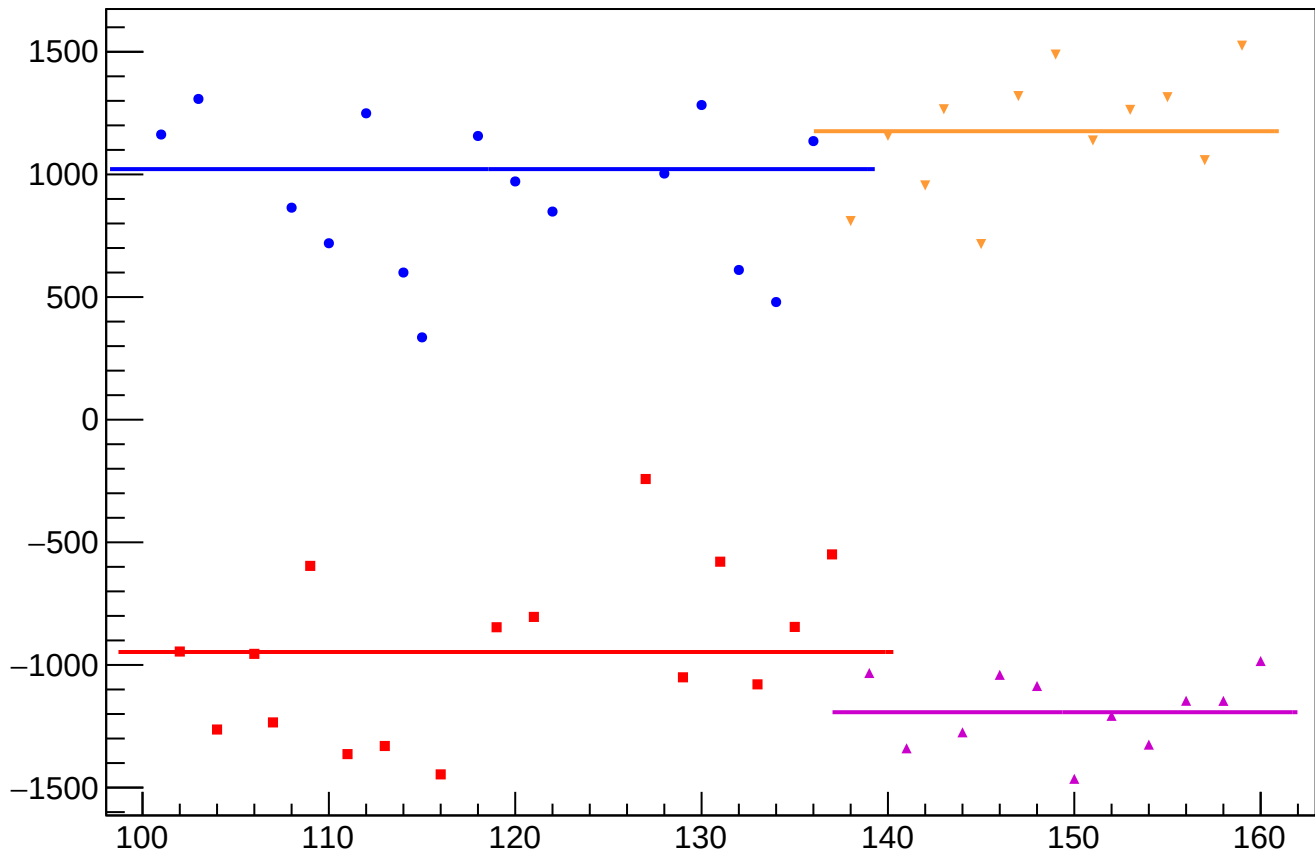
Right In: 25232.229 +/- 0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18569.658 +/- 0.000 χ^2/NDF : 4355453929949745896740569008121325813760.0/11
 Right Out: -25601.388 +/- 0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -19322.974 +/- 0.000 χ^2/NDF : 5509841990831420617123513924011035721728.0/10
 All: -483.516 +/- 0.000 χ^2/NDF : 15696017258

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14
 Left Out: 586.466 $\pm$ 0.000 χ^2 /NDF: 19798968336765265919175174287150546944.0/11
 Right Out: -749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15
 Left In: -588.693 $\pm$ 0.000 χ^2 /NDF: 9904386894828699094725074481582178304.0/10
 All: 7.960 $\pm$ 0.000 χ^2 /NDF: 16585184603525

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

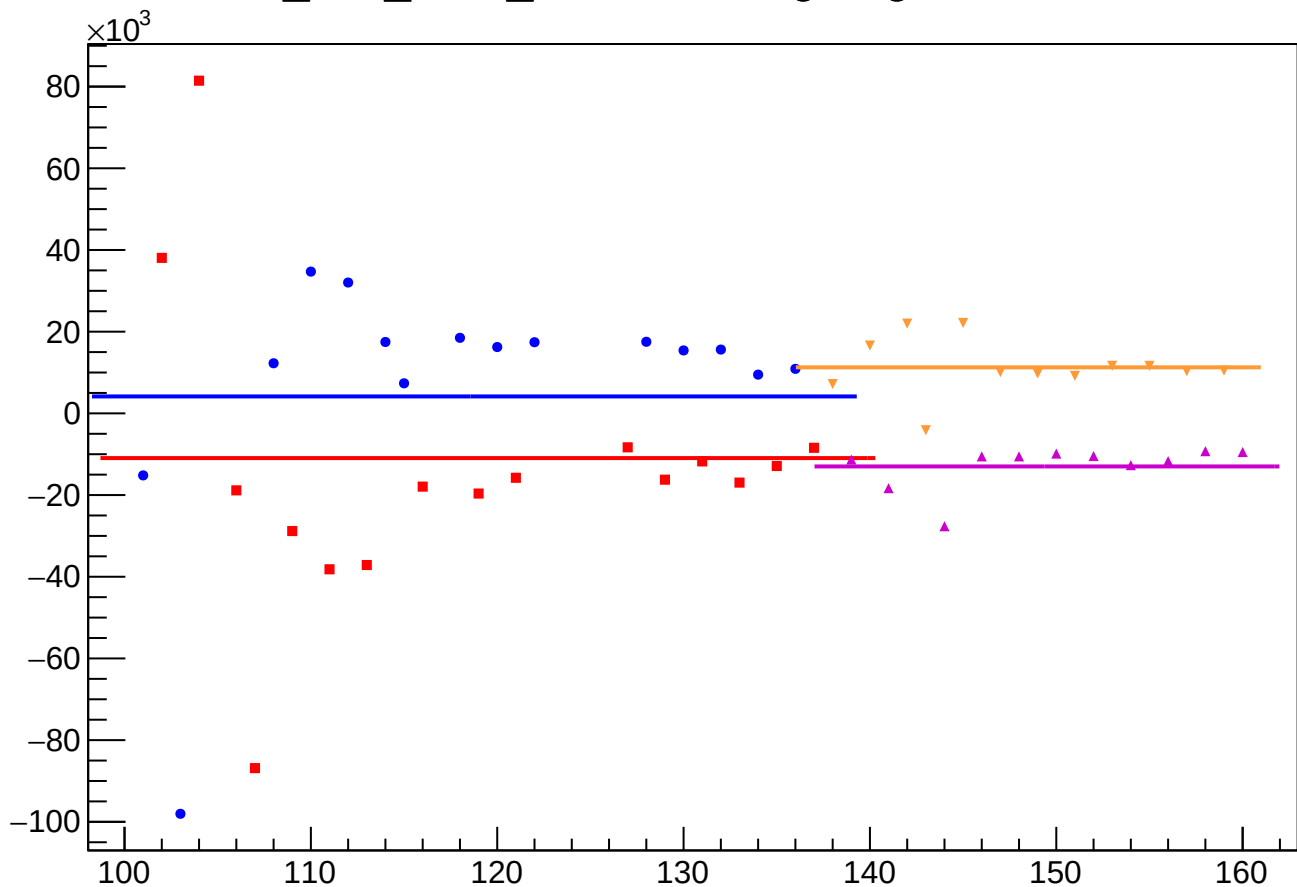
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 1925528738372820562654022867381911552.0/10

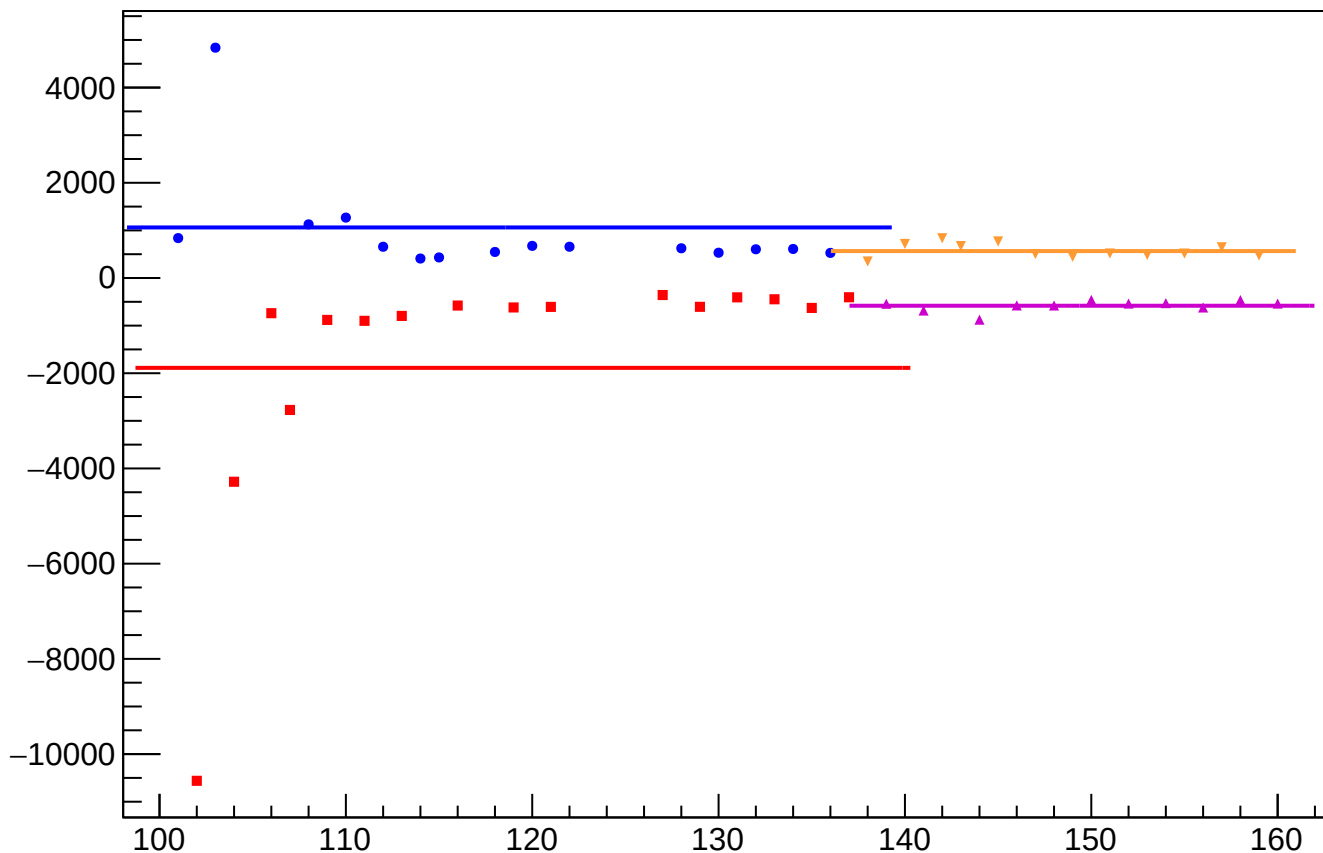
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_atl1_coil7_mean vs Slug, Sign Corrected



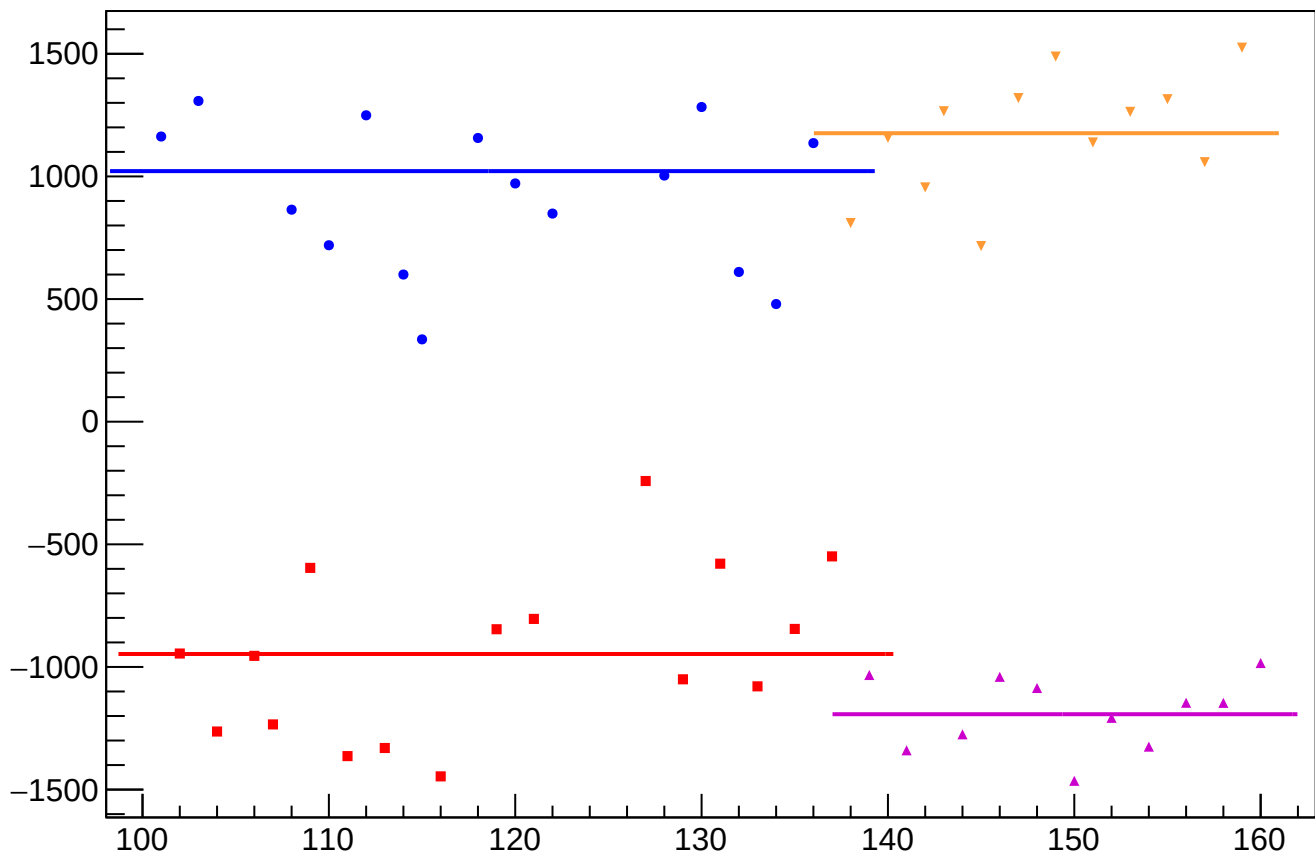
Left: -907.861 ± 0.000 $\chi^2/\text{NDF}: 332523614626730$
 Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Right: -3504.625 ± 0.000 $\chi^2/\text{NDF}: 1712578788282$
 Left Out: 11270.779 ± 0.000 $\chi^2/\text{NDF}: 35137043527033139065388759182682848493568.0/11$
 In: -5922.694 ± 0.000 $\chi^2/\text{NDF}: 902084767732052$
 Right Out: -10948.073 ± 0.000 $\chi^2/\text{NDF}: 873949668510327201514601463115396191092736.0/15$
 Out: 1914.734 ± 0.000 $\chi^2/\text{NDF}: 109971319391209$
 Left In: -12994.239 ± 0.000 $\chi^2/\text{NDF}: 26399397473209063315648711040224276250624.0/10$
 All: -1990.326 ± 0.000 $\chi^2/\text{NDF}: 2050277278$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 565.876+/-0.000 χ^2/NDF : 16647379125618292913647848878579384320.0/11
 Right Out: -1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: -582.413+/-0.000 χ^2/NDF : 118601444625381813814678965729624064.0/10
 All: -186.440+/-0.000 χ^2/NDF : 10111903245

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

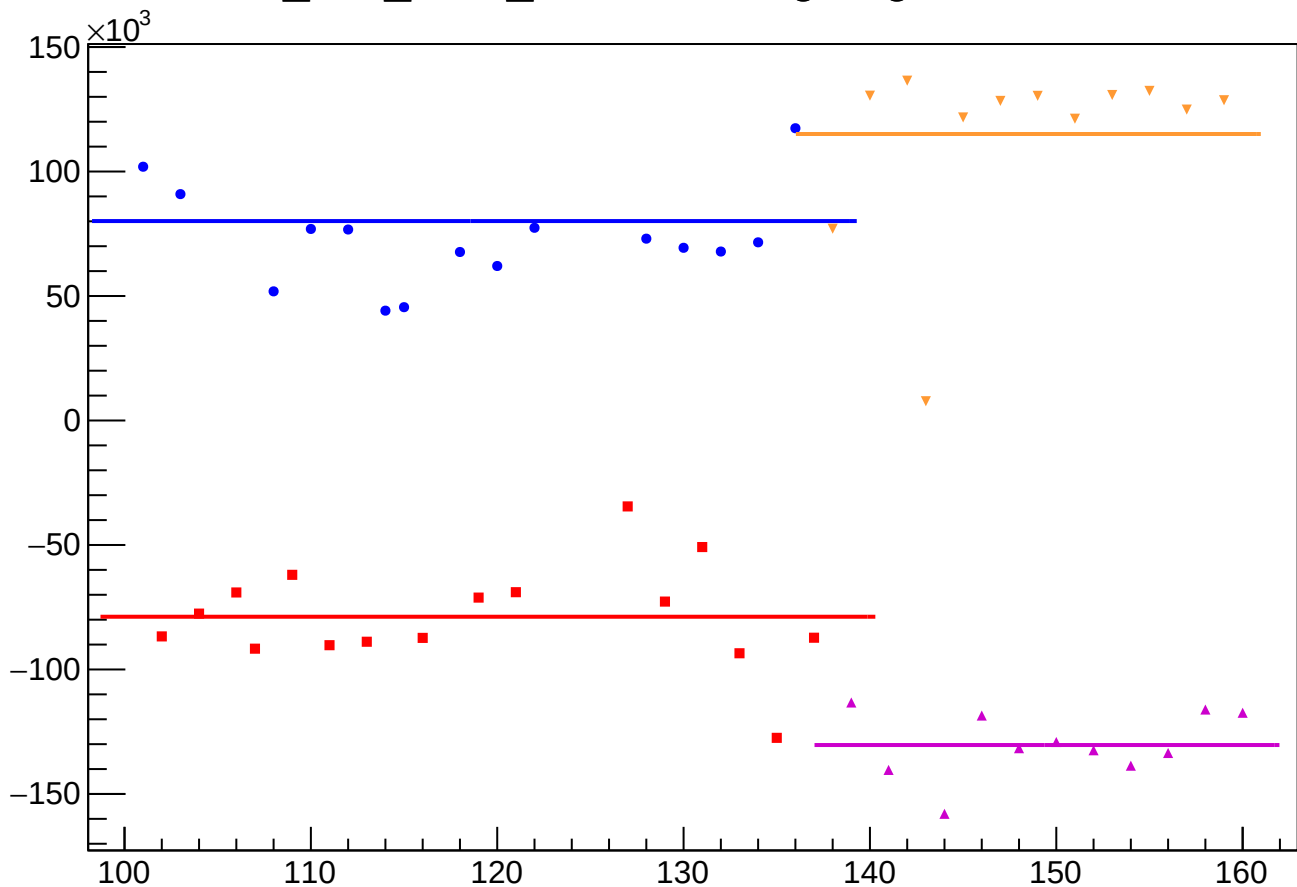
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 80102.504+/-0.000

χ^2/NDF : 254521784097258654723607522631742465769472.0/14

Left Out: 115071.197+/-0.000

χ^2/NDF : 1032500680832033878927899547290304830767104.0/11

Right Out: -78815.832+/-0.000

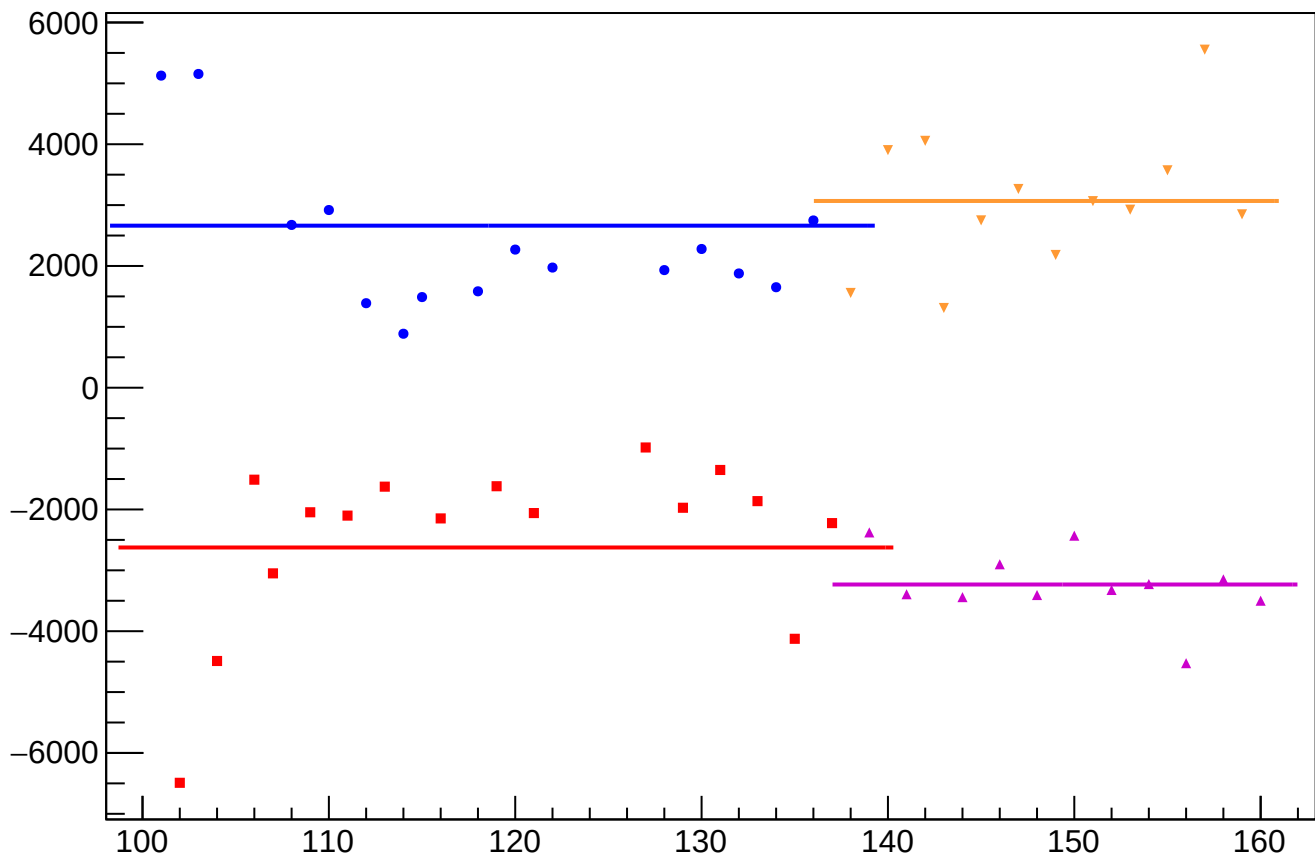
χ^2/NDF : 286076919217811099434470442231998185472000.0/15

Left In: -130346.244+/-0.000

χ^2/NDF : 148174871015439819820100459279999278514176.0/10

All: -4910.762+/-0.000 χ^2/NDF : 3779399134

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000

χ^2/NDF : 1031389230165640157864439705583367487488.0/14

Left Out: 3067.875+/-0.000

χ^2/NDF : 1078495187687389019694818149822179049472.0/11

Right Out: -2624.696+/-0.000

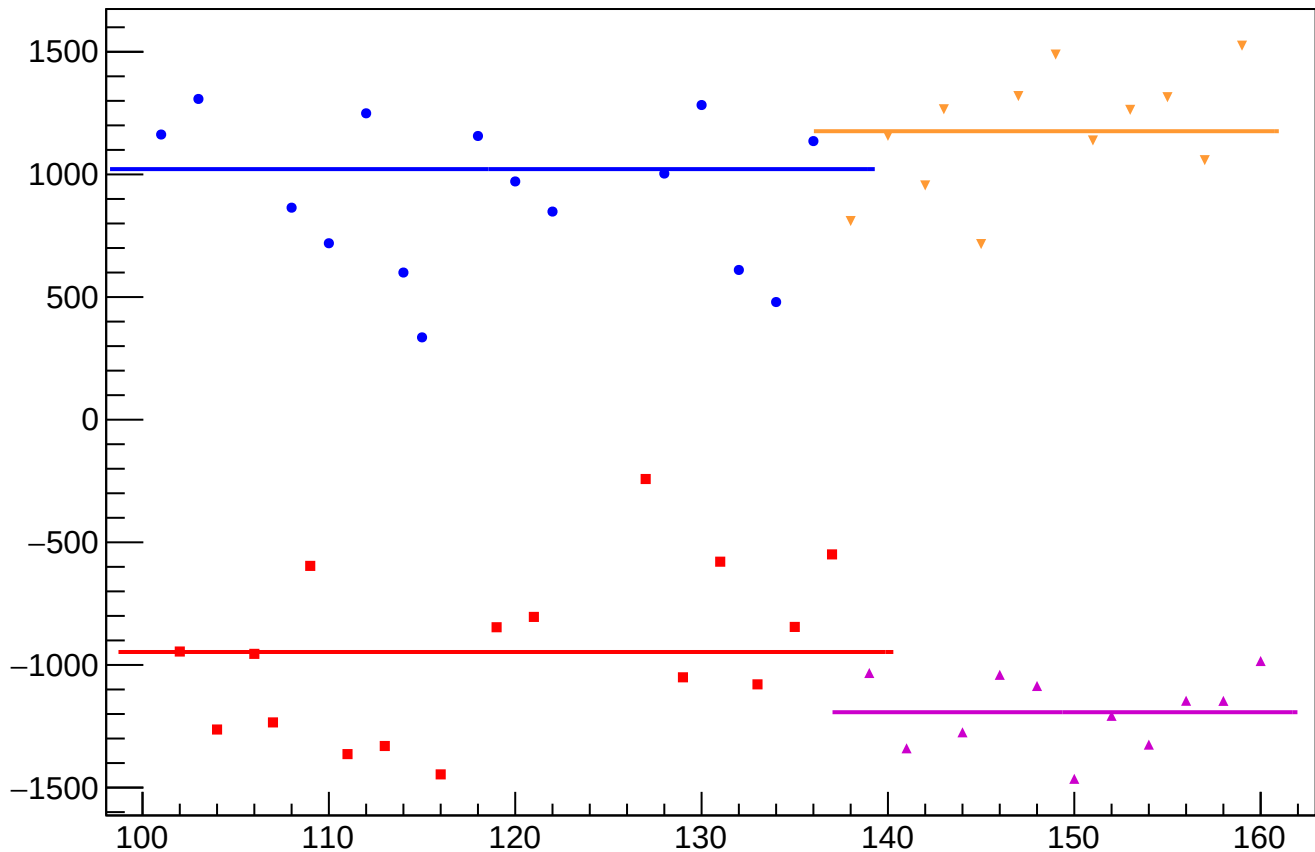
χ^2/NDF : 1566705216866534713590934835660406652928.0/15

Left In: -3232.879+/-0.000

χ^2/NDF : 275721007613891276741007240283331493888.0/10

All: -62.355+/-0.000 χ^2/NDF : 314224924174

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

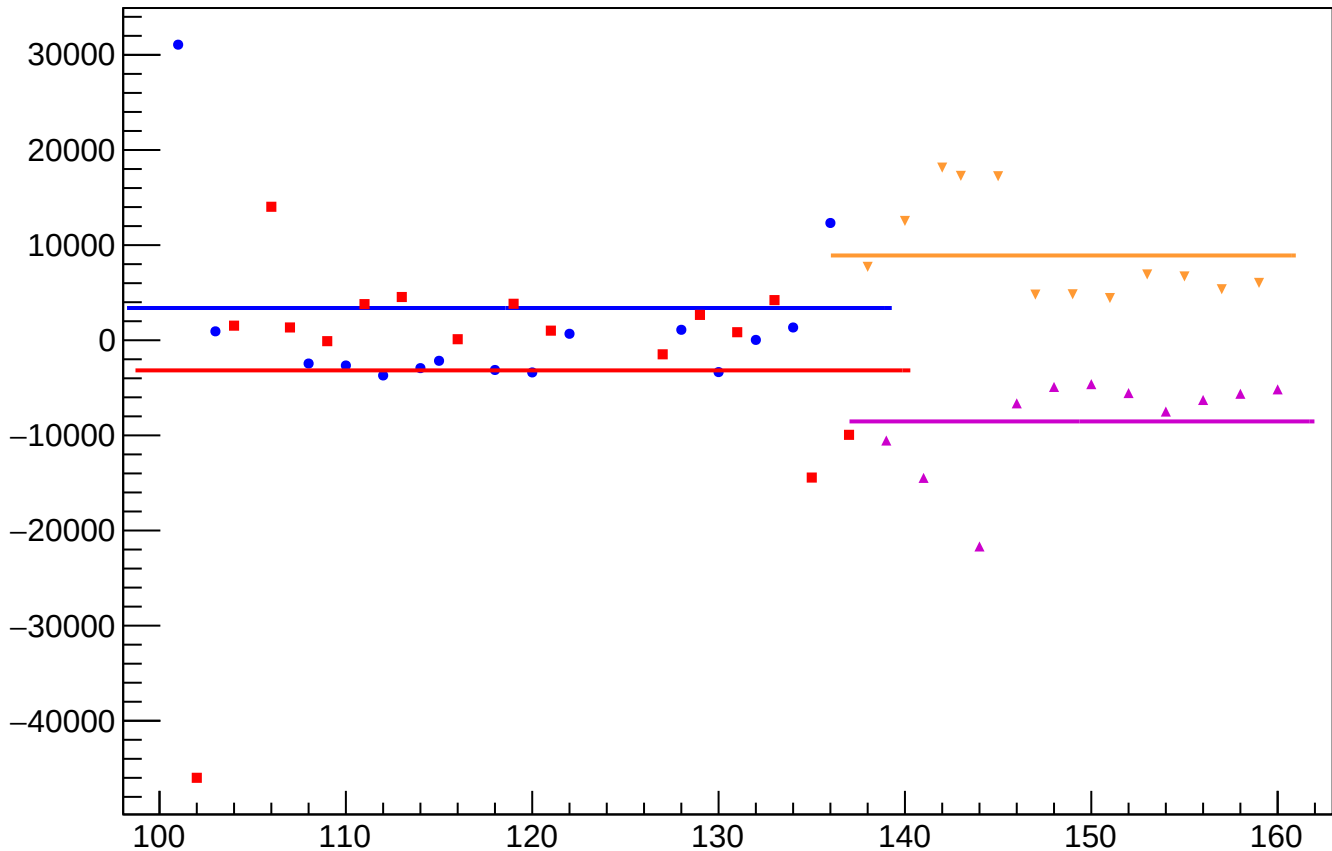
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550+/-0.000

χ^2/NDF : 65871927441553256724179194556280173756416.0/14

Left Out: 8912.459+/-0.000

χ^2/NDF : 22070544402646074284268231690805235941376.0/11

Right Out: -3167.396+/-0.000

χ^2/NDF : 137753886677241144460462531881687568089088.0/15

Left In: -8532.821+/-0.000

χ^2/NDF : 24299515949380224586324737558095226470400.0/10

All: 119.168+/-0.000

χ^2/NDF : 404218079274

Left: 156.653+/-0.000 χ^2/NDF : 186439517427266

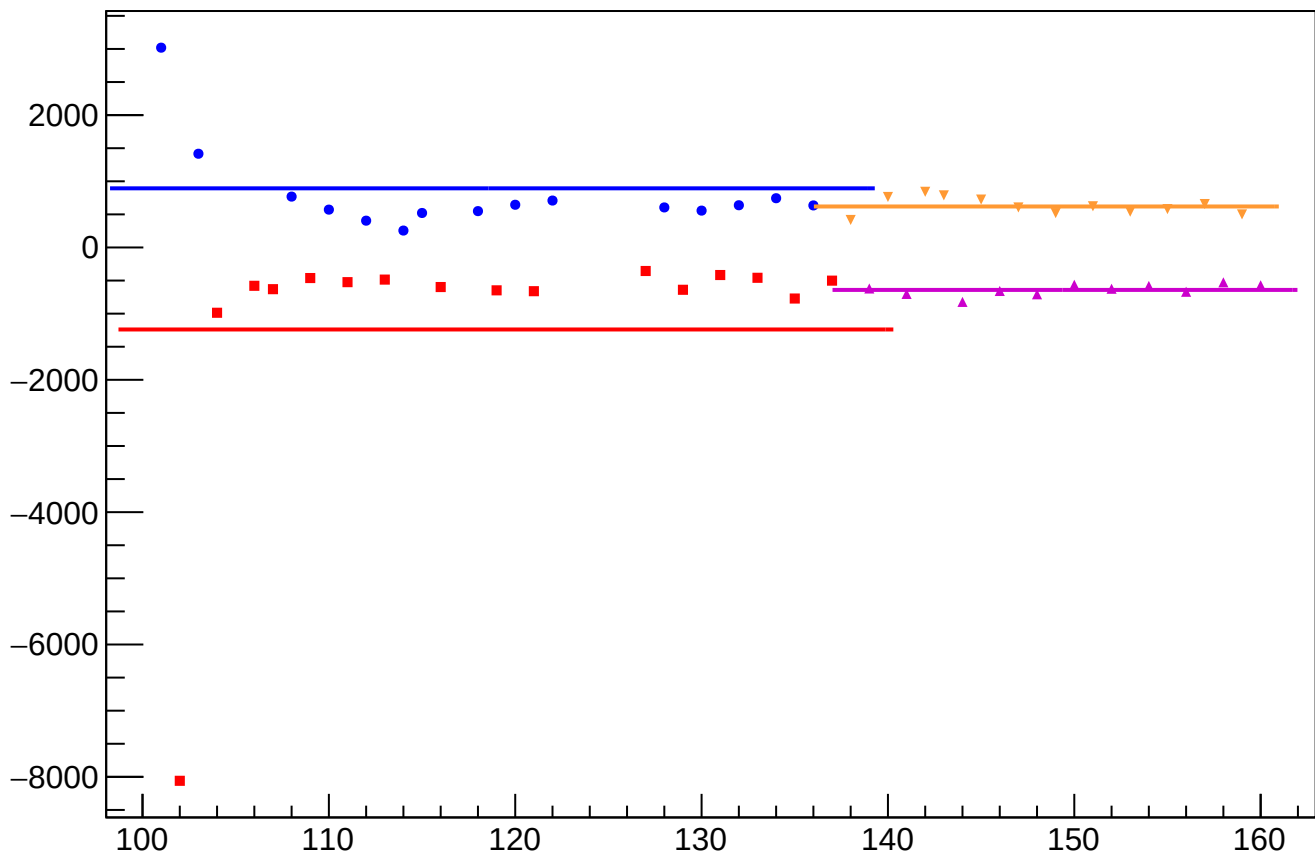
Right: 66.728+/-0.000 χ^2/NDF : 2177723560844725

In: -3613.388+/-0.000 χ^2/NDF : 144369798447171

Out: 3825.803+/-0.000 χ^2/NDF : 216170475506830

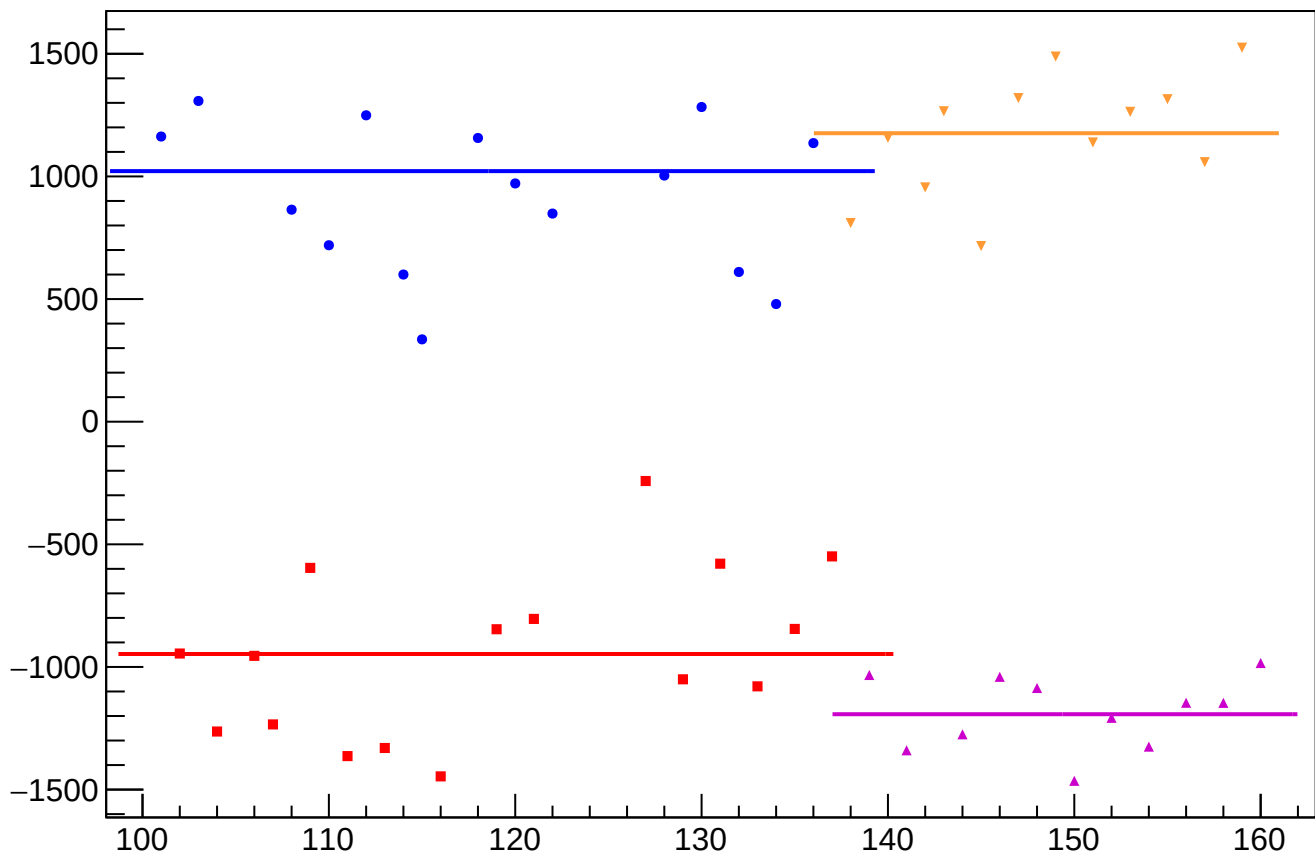
All: 119.168+/-0.000 χ^2/NDF : 404218079274

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14
 Left Out: 619.363+/-0.000 χ^2/NDF : 12743310597907802273598099300489887744.0/11
 Right Out: -1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15
 Left In: -641.490+/-0.000 χ^2/NDF : 6047241871046466320943152926715543552.0/10
 All: -85.966+/-0.000 χ^2/NDF : 557579474185

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1176.242+/-0.000

Right Out: -947.145+/-0.000

Left In: -1192.687+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 53355525796592022882385023198883217408.0/11

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 19255287383728205662654022867381911552.0/10

Left: -12.726+/-0.000 χ^2/NDF : 2655416452338642

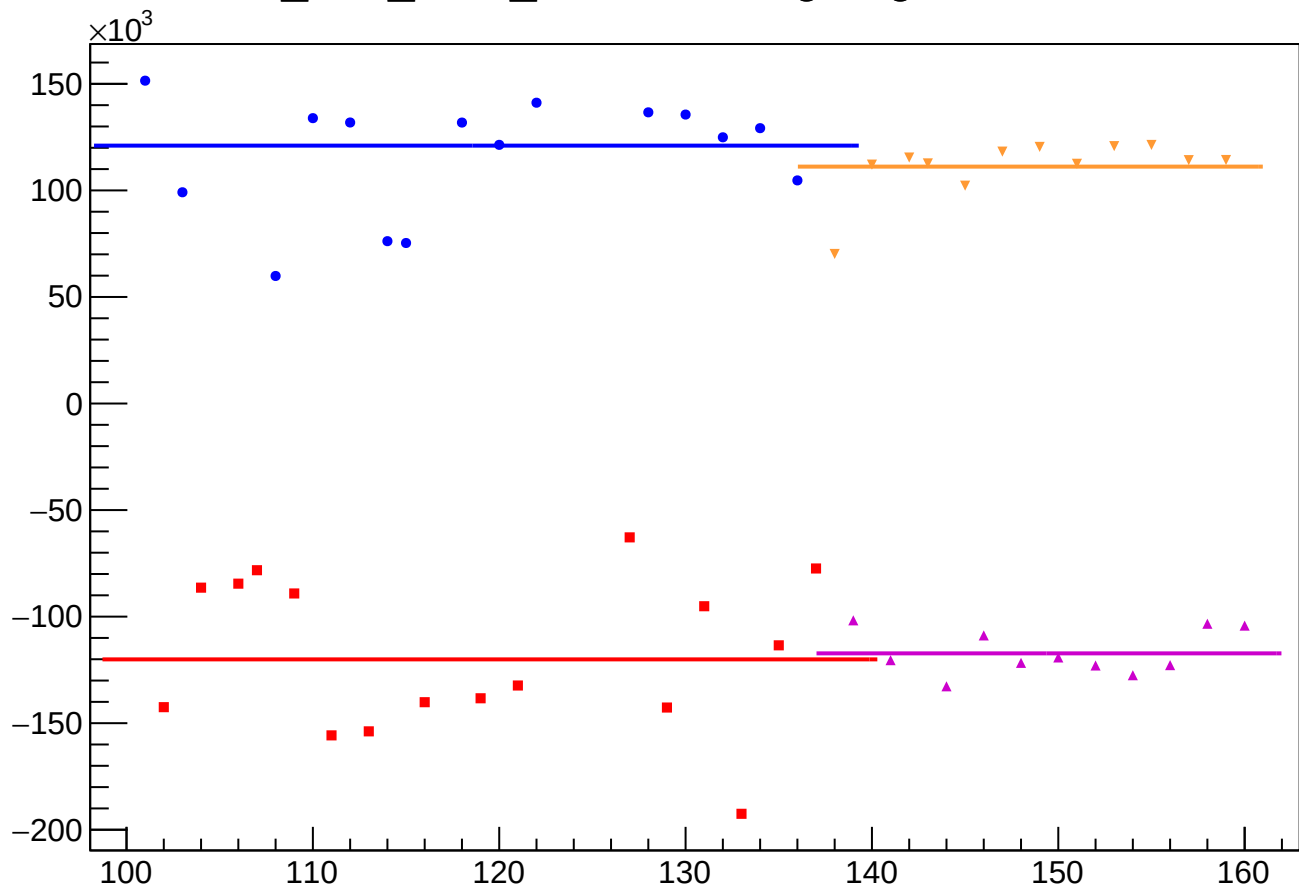
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -279.065+/-0.000 χ^2/NDF : 1929090788254319

Out: 282.114+/-0.000 χ^2/NDF : 1862139150205248

All: 2.502+/-0.000 χ^2/NDF : 40397791098983

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 121016.482 $\pm$ 0.000

χ^2/NDF : 358713856404303554987784975983609668173824.0/14

Left Out: 111166.801 $\pm$ 0.000

χ^2/NDF : 167364192439388047212250461007969368670208.0/11

Right Out: -120060.693 $\pm$ 0.000

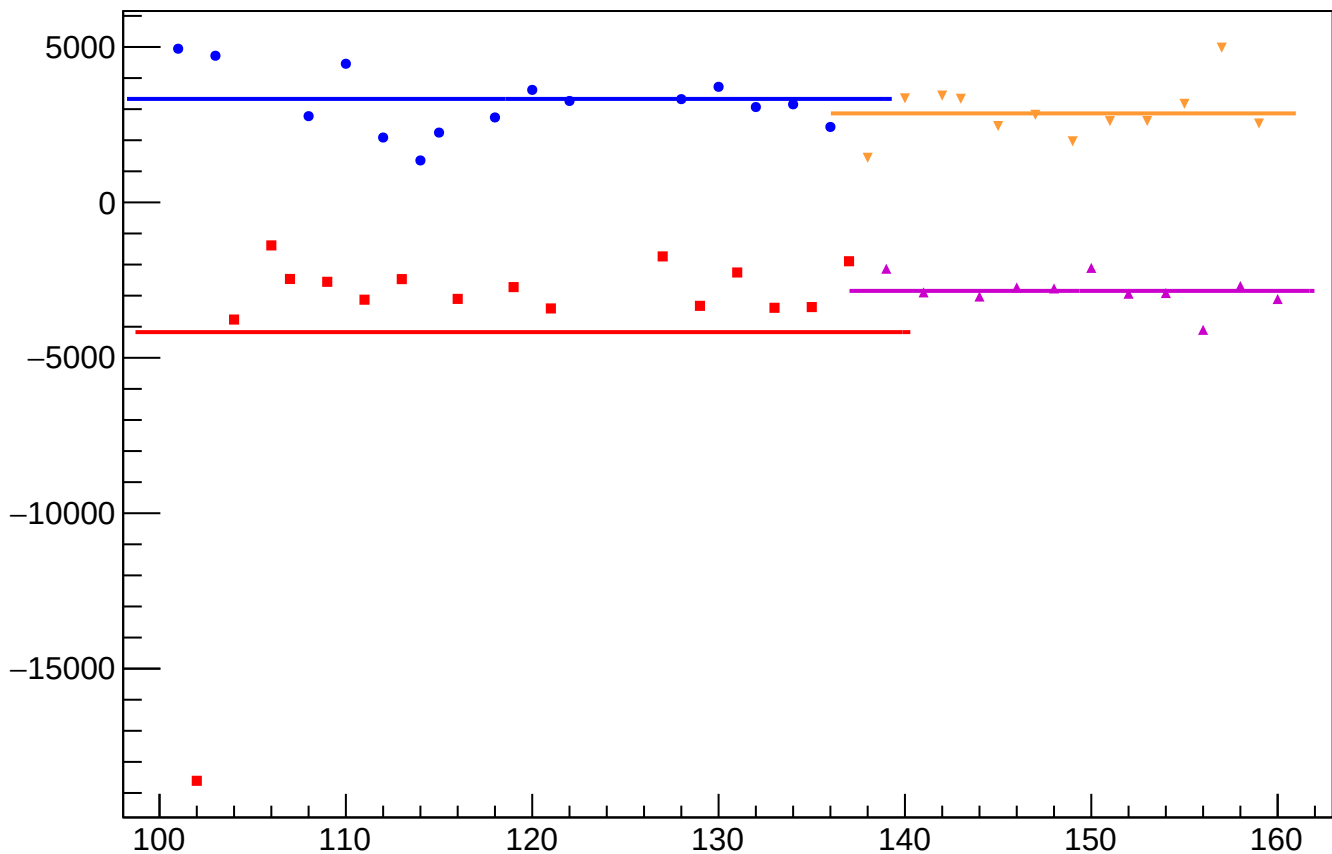
χ^2/NDF : 828419782346707601448620310014135952736256.0/15

Left In: -117237.465 $\pm$ 0.000

χ^2/NDF : 92299527706158063096544434206678792011776.0/10

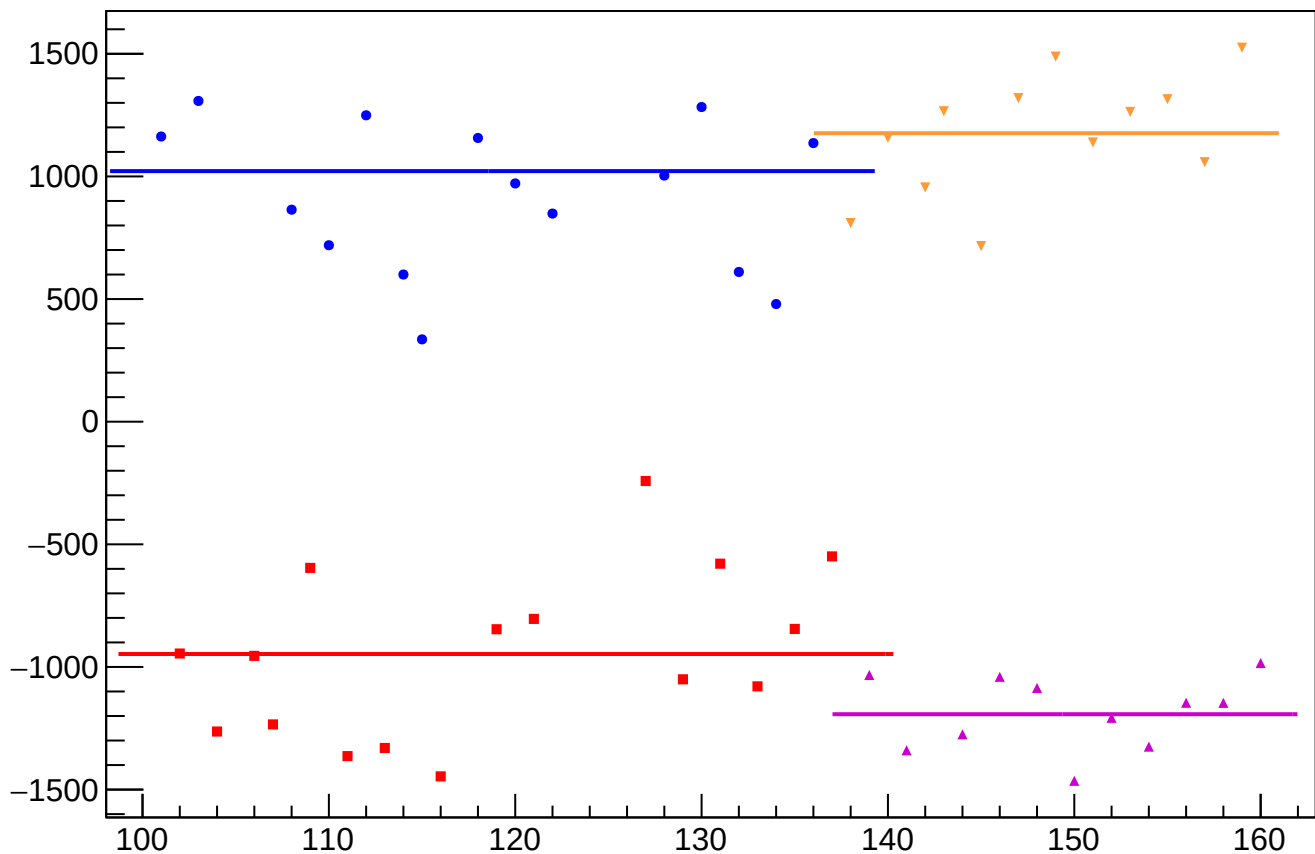
All: -2511.323 $\pm$ 0.000 χ^2/NDF : 4457837354

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 3329.488 ± 0.000 $\chi^2/\text{NDF}: 567034774398456376227526824513721335808.0/14$
 Left Out: 2863.169 ± 0.000 $\chi^2/\text{NDF}: 668766817298044492245074854515224608768.0/11$
 Right Out: -4173.434 ± 0.000 $\chi^2/\text{NDF}: 13498246551537992400095003154682468106240.0/15$
 Left In: -2846.559 ± 0.000 $\chi^2/\text{NDF}: 229557109736682123603885764134616170496.0/10$
 All: -198.776 ± 0.000 $\chi^2/\text{NDF}: 48655252714$

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

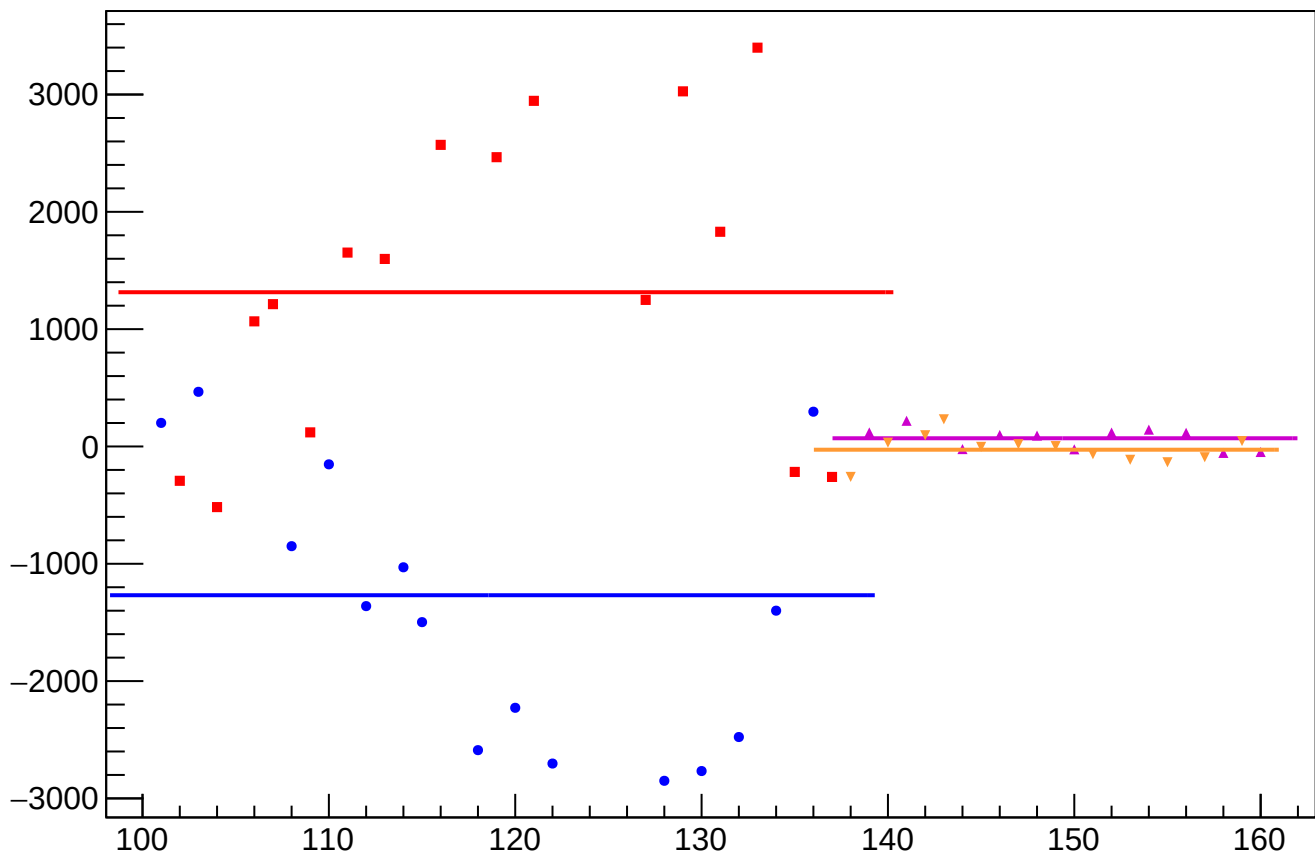
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

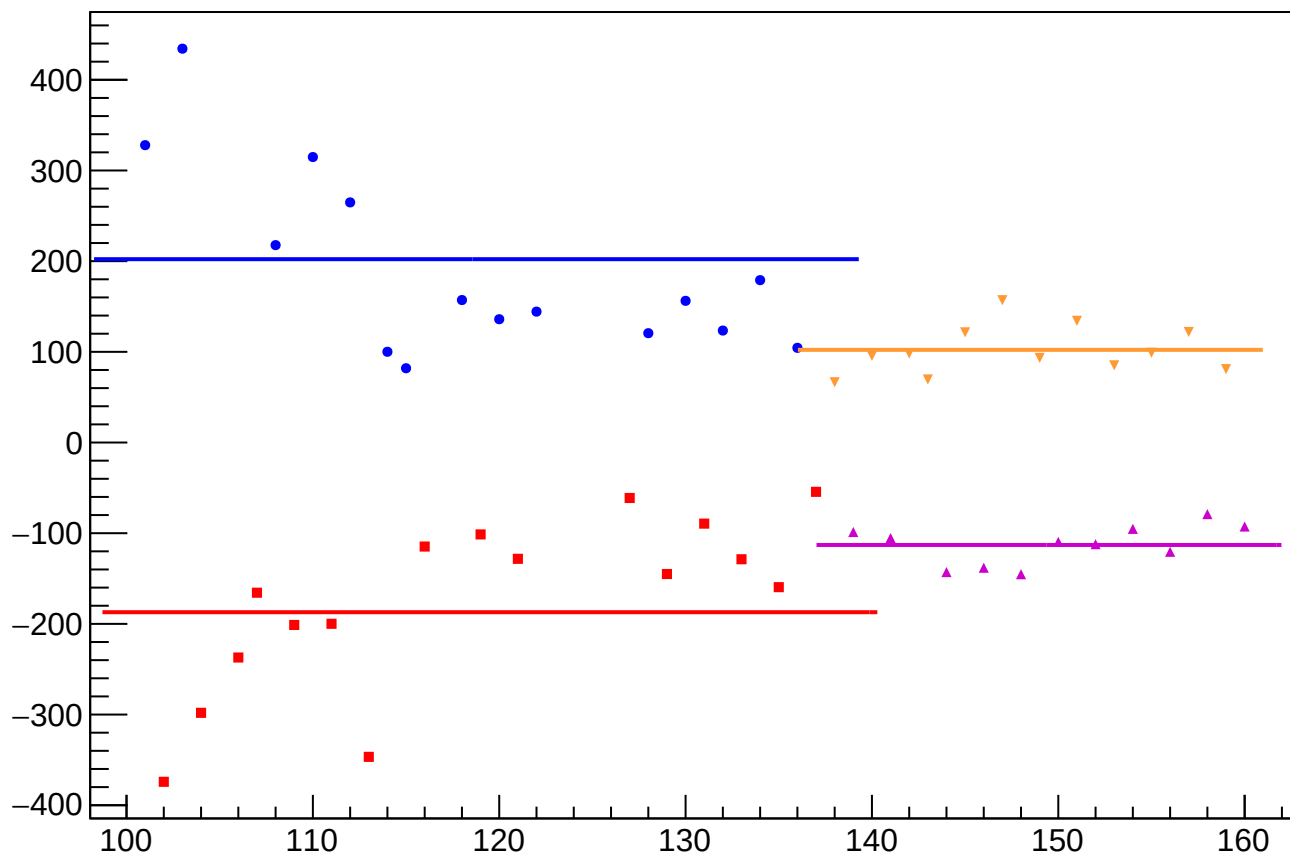
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam1_coil7_mean vs Slug, Sign Corrected



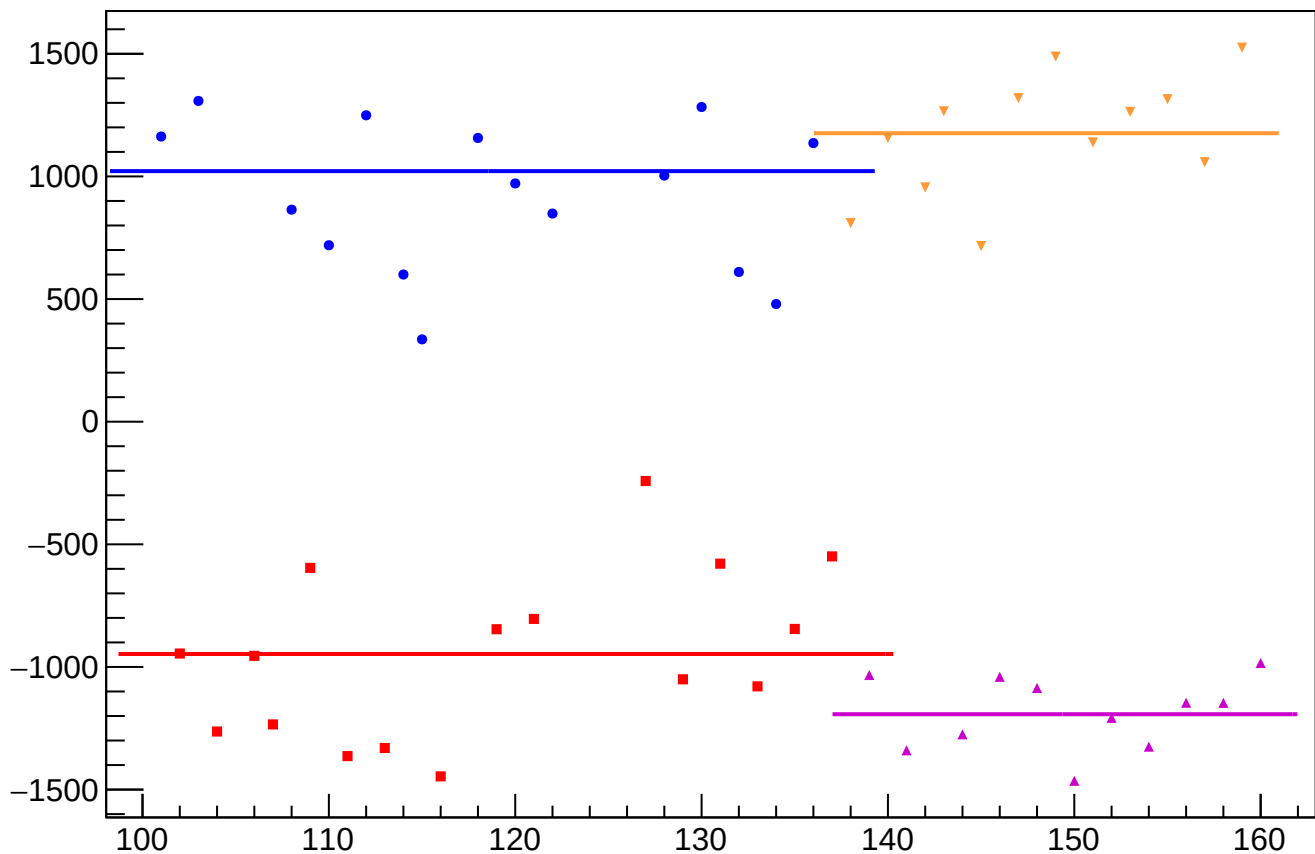
Left: 21.302+/-0.000 χ^2/NDF : 2367978487139292
 Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14
 Right: 41.017+/-0.000 χ^2/NDF : 4385100658196815
 Left Out: -27.654+/-0.000 χ^2/NDF : 12404131617036288818573632516917297152.0/11
 In: -482.133+/-0.000 χ^2/NDF : 1781620225198016
 Right Out: 1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15
 Out: 537.620+/-0.000 χ^2/NDF : 1806729362503876
 Left In: 69.887+/-0.000 χ^2/NDF : 6896729055106095492675290775544659968.0/10
 All: 29.520+/-0.000 χ^2/NDF : 4409078738323

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Left: -5.794 ± 0.000 $\chi^2/\text{NDF}: 22329321836444331$
 Right In: 202.191 ± 0.000 $\chi^2/\text{NDF}: 7027941052752849066369040650615128064.0/14$
 Left Out: 102.211 ± 0.000 $\chi^2/\text{NDF}: 617349982651654313498458631453016064.0/11$
 Right Out: -187.126 ± 0.000 $\chi^2/\text{NDF}: 6230029491605524746936515809941389312.0/15$
 Left In: -112.981 ± 0.000 $\chi^2/\text{NDF}: 399082569166702797505998561799569408.0/10$
 All: -1.349 ± 0.000 $\chi^2/\text{NDF}: 8553091353048$

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

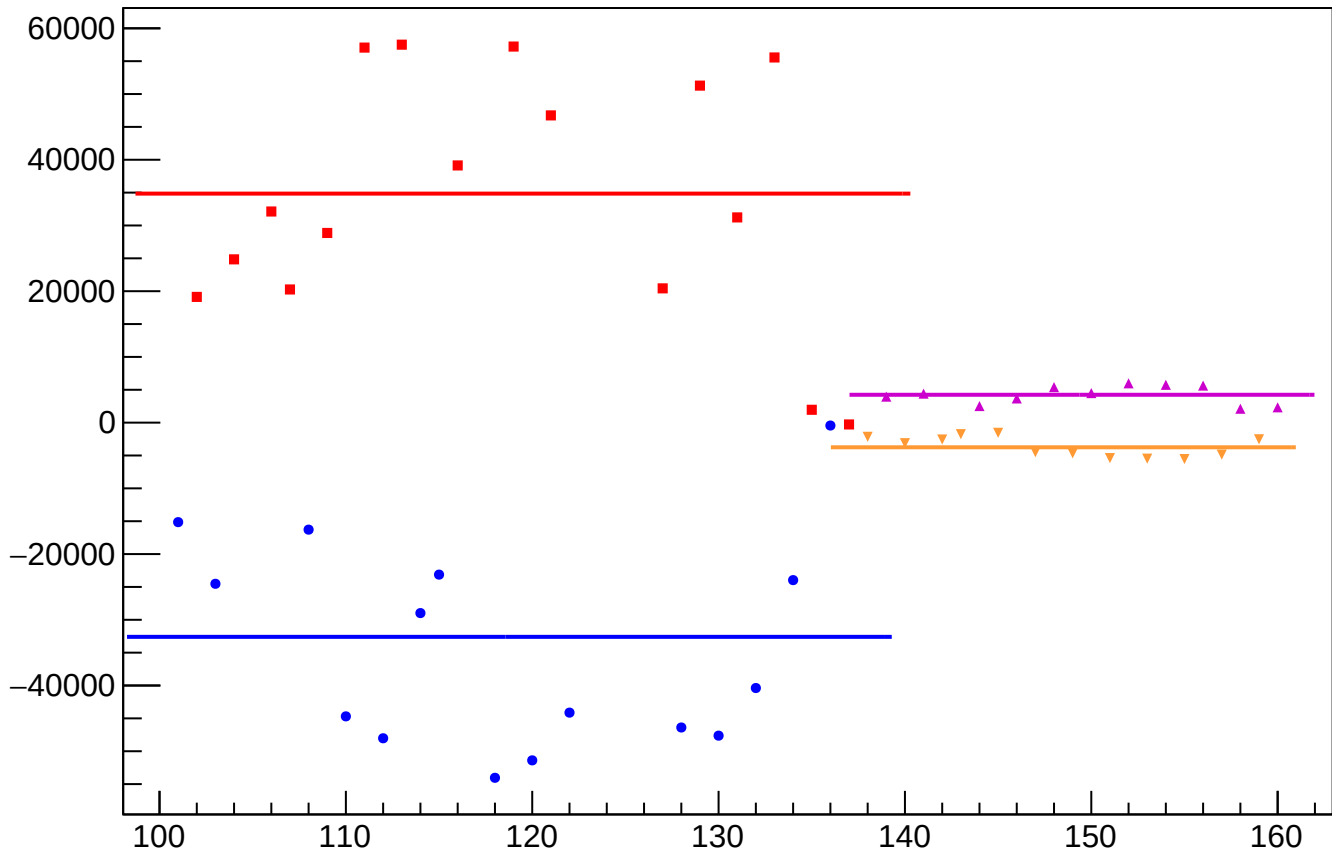
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: -32594.962 +/- 0.000

χ^2/NDF : 209150369207000564489724529020922520141824.0/14

Left Out: -3752.448 +/- 0.000

χ^2/NDF : 2004018922397864512506251751982968602624.0/11

Right Out: 34848.046 +/- 0.000

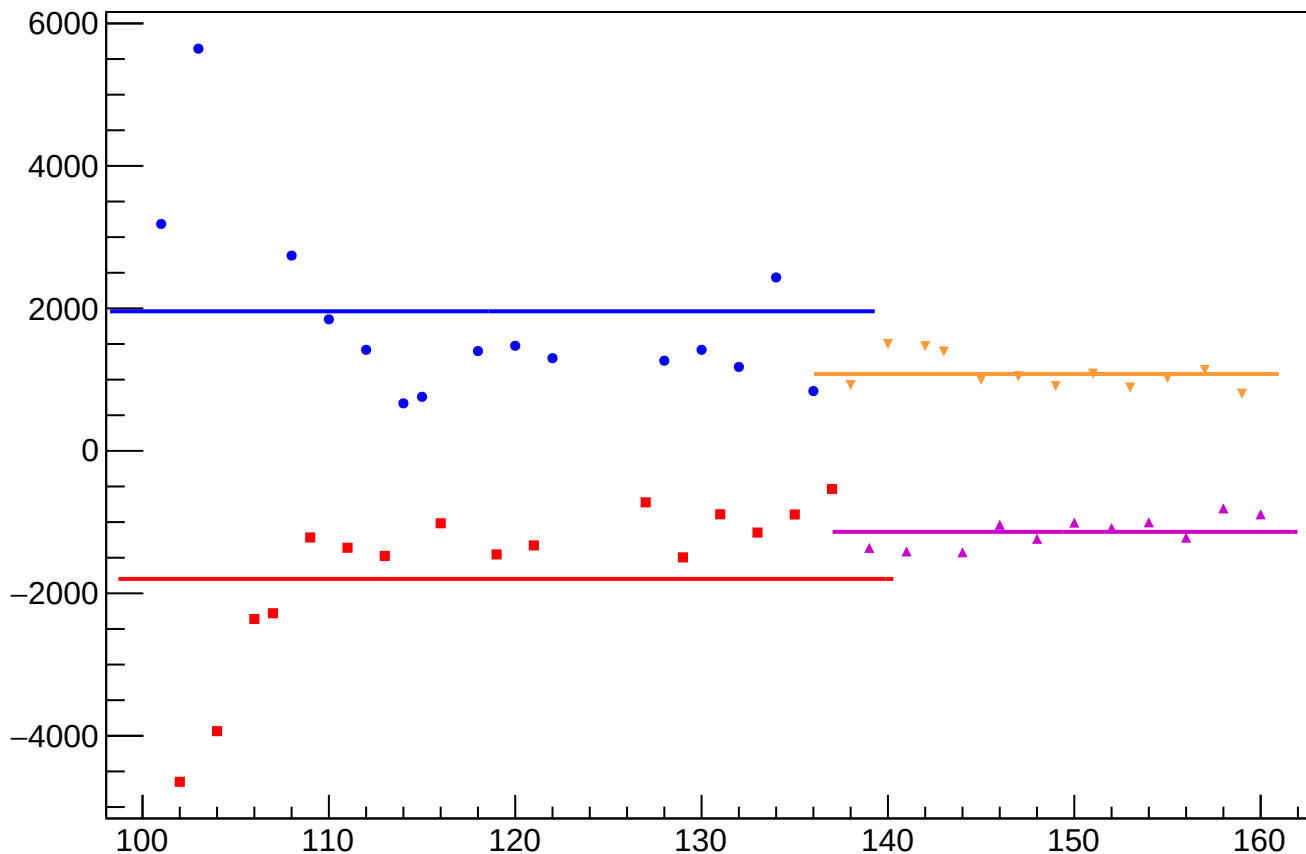
χ^2/NDF : 221127702024811719232559434097324967591936.0/15

Left In: 4238.758 +/- 0.000

χ^2/NDF : 1676258877466067471746283067125033598976.0/10

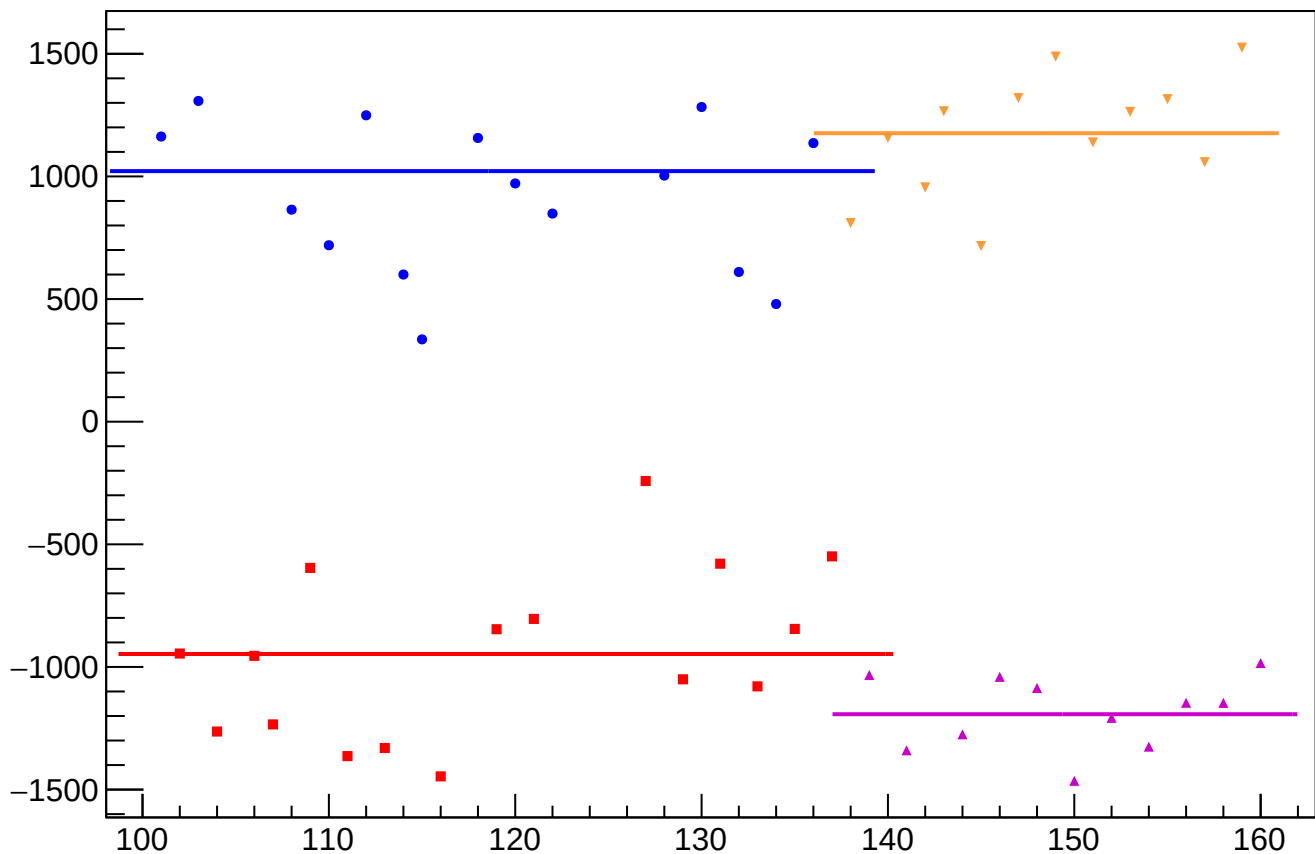
All: 812.523 +/- 0.000 χ^2/NDF : 196090157662

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835+/-0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1079.227+/-0.000 χ^2/NDF : 42839458661255724609894406058462412800.0/11
 Right Out: -1797.392+/-0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: -1136.738+/-0.000 χ^2/NDF : 36660640388160233770492299797174681600.0/10
 All: 3.715+/-0.000 χ^2/NDF : 91309588323558

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

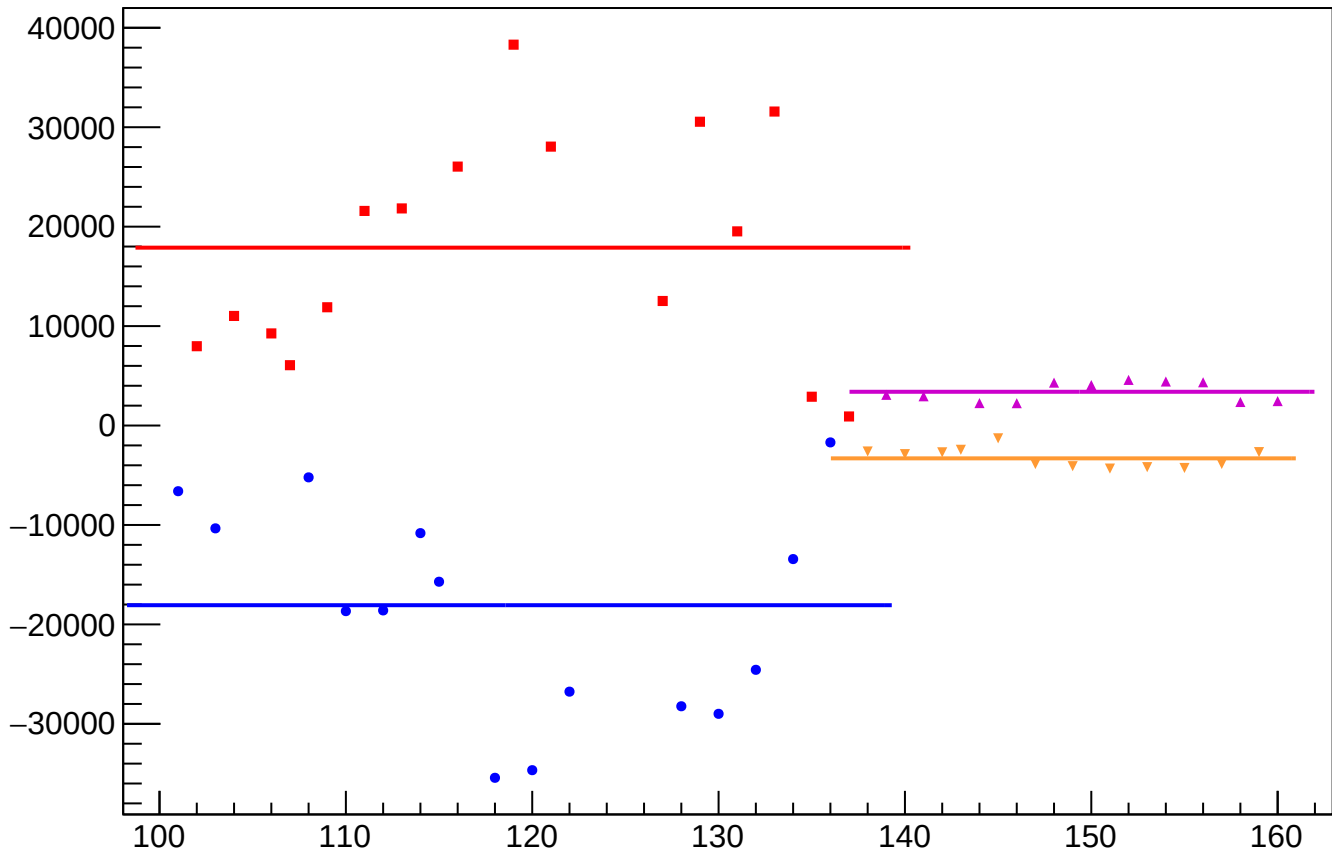
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

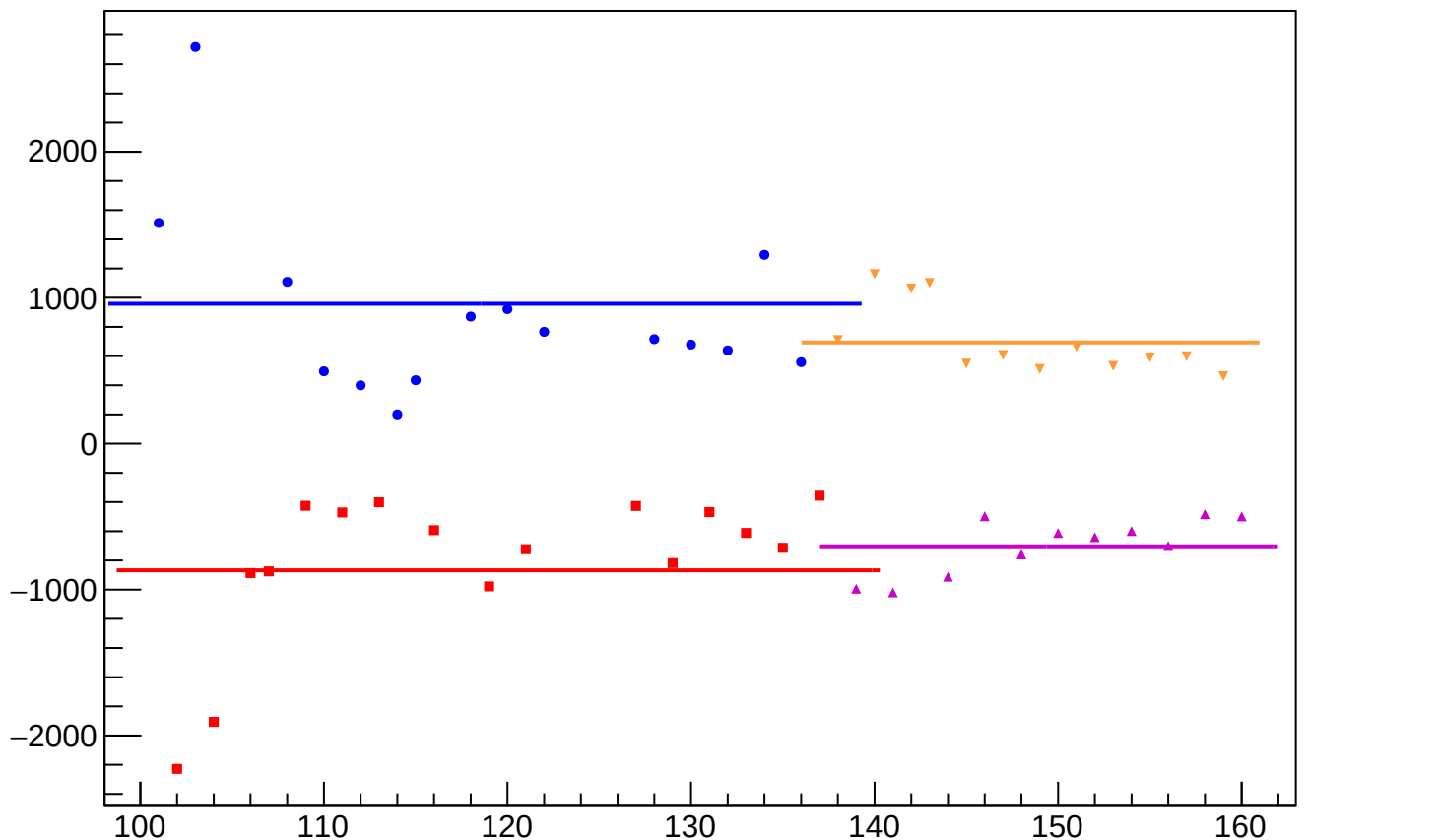
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam3_coil7_mean vs Slug, Sign Corrected



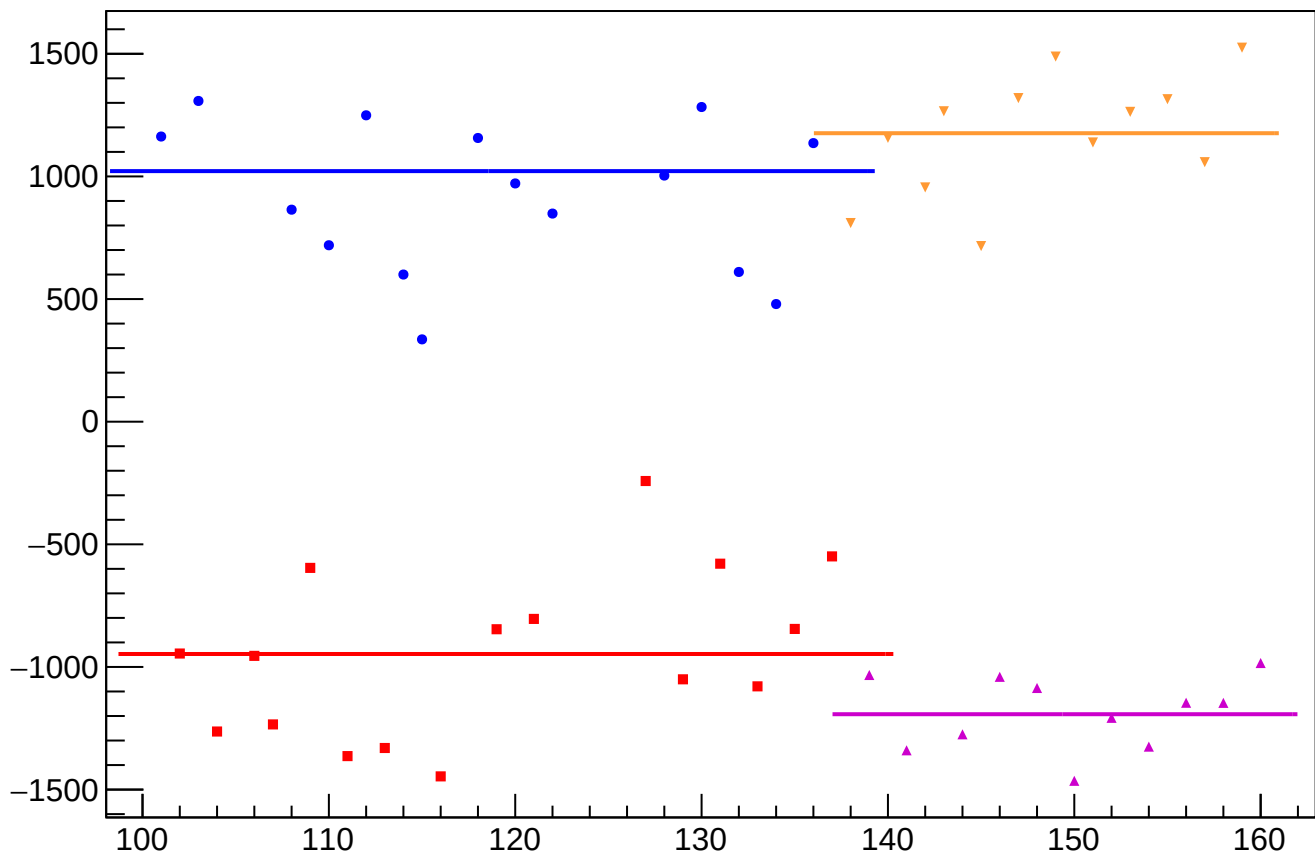
Left: 59.316+/-0.000 χ^2/NDF : 22242147628214783
 Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3301.165+/-0.000 χ^2/NDF : 804572006868088518224503479729974673408.0/11
 Right Out: 17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 In: -5460.979+/-0.000 χ^2/NDF : 260733217471185
 Out: 5621.355+/-0.000 χ^2/NDF : 252580420870454
 Left In: 3394.339+/-0.000 χ^2/NDF : 804969095824057391704293669390893711360.0/10
 All: 99.495+/-0.000 χ^2/NDF : 6102466696824

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14
 Left Out: 693.081+/-0.000 χ^2/NDF : 48514734468503708126538641267241254912.0/11
 Right Out: -867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15
 Left In: -703.169+/-0.000 χ^2/NDF : 32040531861451426969939944767733366784.0/10
 All: 9.246+/-0.000 χ^2/NDF : 25566468703042

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000

Left Out: 1176.242+/-0.000

Right Out: -947.145+/-0.000

Left In: -1192.687+/-0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

χ^2/NDF : 53355525796592022882385023198883217408.0/11

χ^2/NDF : 67784656011936521511169668028018196480.0/15

χ^2/NDF : 19255287383728205662654022867381911552.0/10

Left: -12.726+/-0.000 χ^2/NDF : 2655416452338642

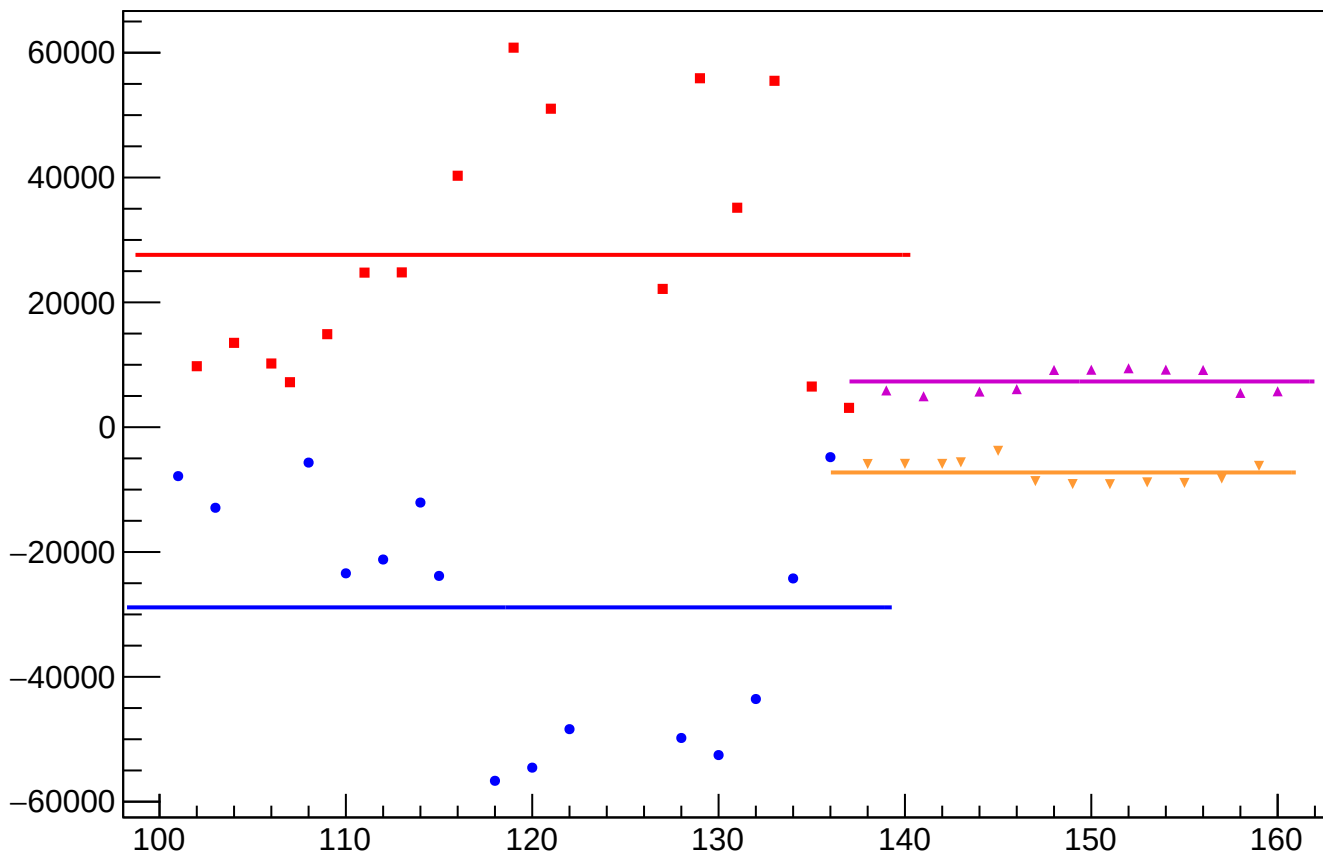
Right: 23.805+/-0.000 χ^2/NDF : 1383338523153511

In: -279.065+/-0.000 χ^2/NDF : 1929090788254319

Out: 282.114+/-0.000 χ^2/NDF : 1862139150205248

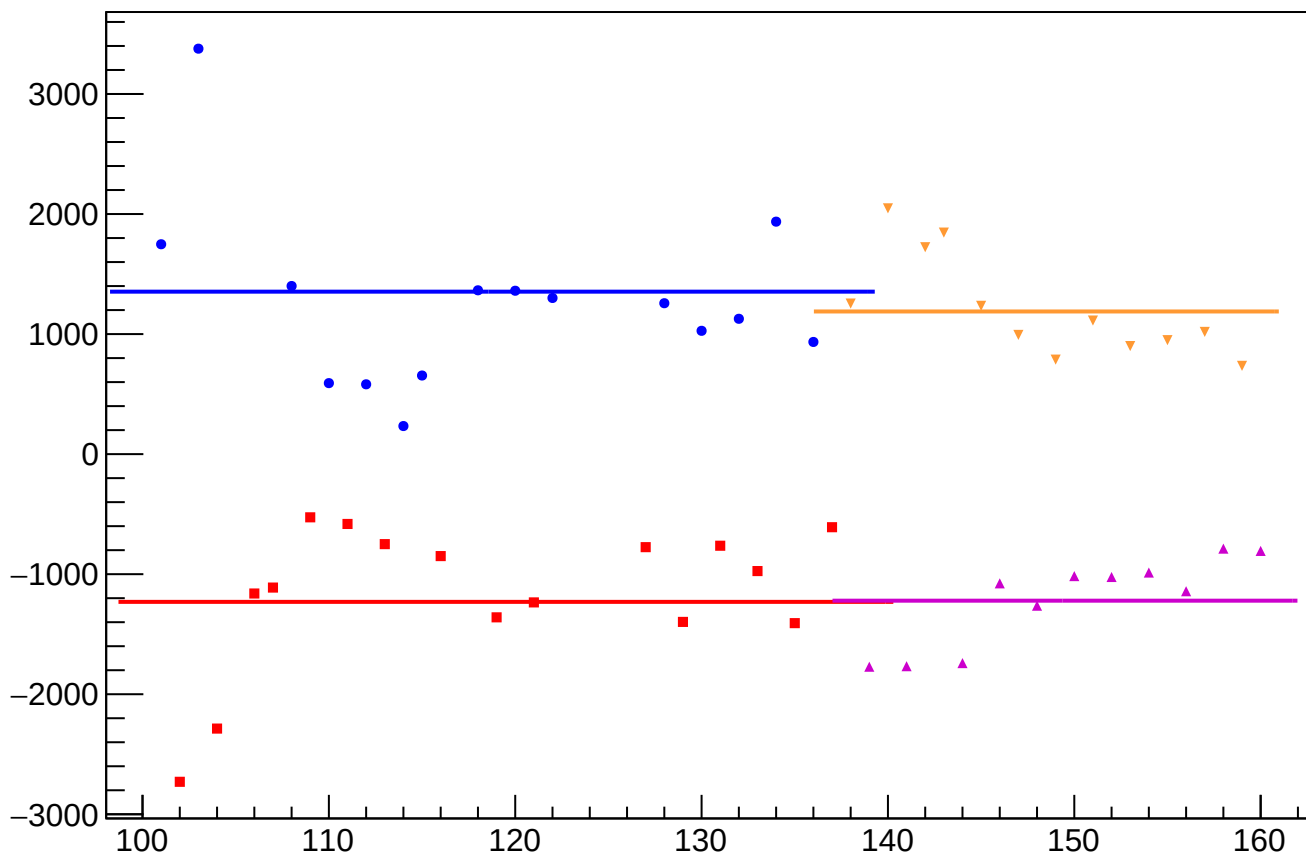
All: 2.502+/-0.000 χ^2/NDF : 40397791098983

dit_sam4_coil7_mean vs Slug, Sign Corrected



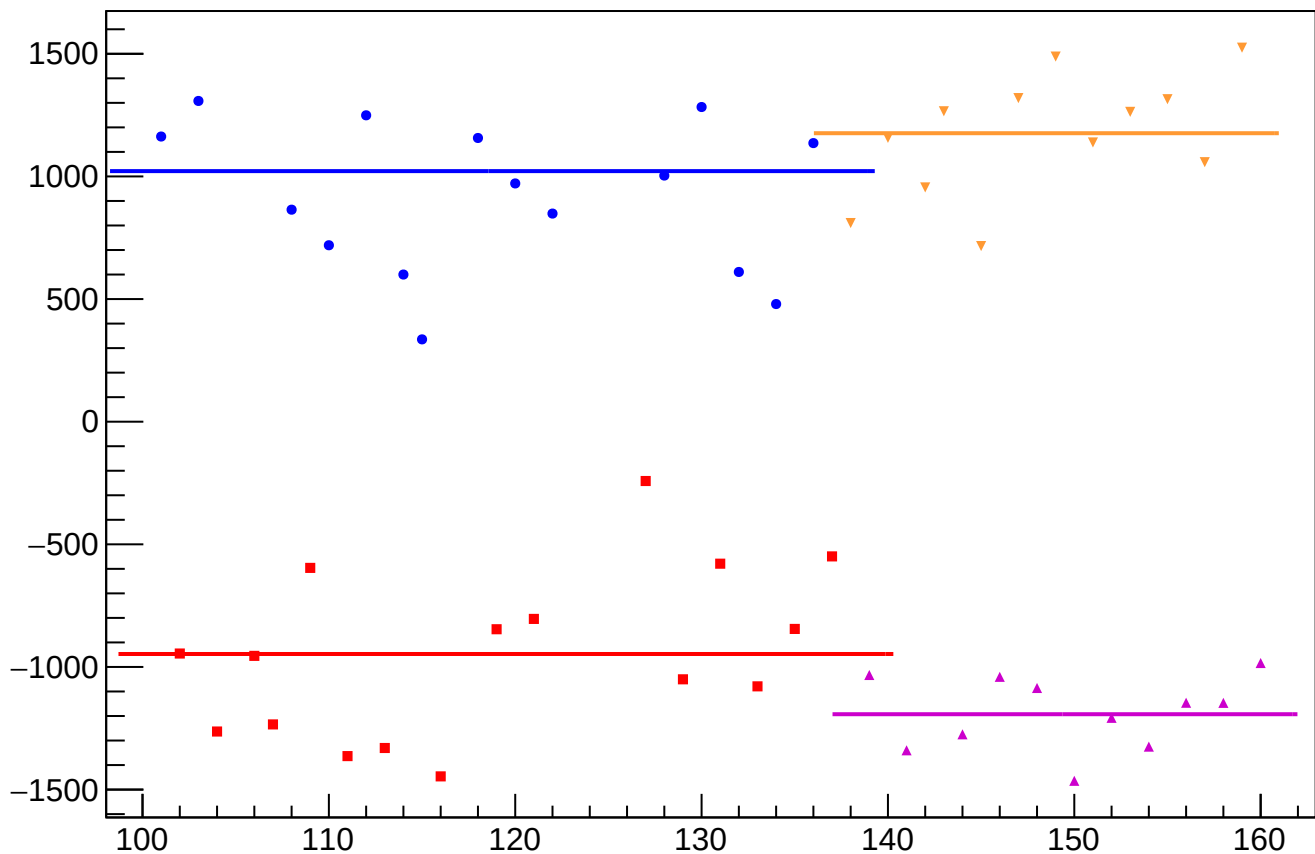
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left: 63.226+/-0.000 χ^2/NDF : 10372430955586819
 Right: -242.630+/-0.000 χ^2/NDF : 15588395560755
 Left Out: -7254.077+/-0.000 χ^2/NDF : 2852558880492321663467062466027223777280.0/11
 In: -7607.978+/-0.000 χ^2/NDF : 763903396757370
 Right Out: 27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Out: 7427.050+/-0.000 χ^2/NDF : 720322837766994
 Left In: 7325.095+/-0.000 χ^2/NDF : 3045991167952377112422516937599716687872.0/10
 All: -64.270+/-0.000 χ^2/NDF : 166263565673

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14
 Left Out: 1188.374+/-0.000 χ^2/NDF : 150388636614326916750918220287509004288.0/11
 Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15
 Left In: -1220.761+/-0.000 χ^2/NDF : 116296897250486719965341990830940880896.0/10
 All: 6.110+/-0.000 χ^2/NDF : 57673933772965

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

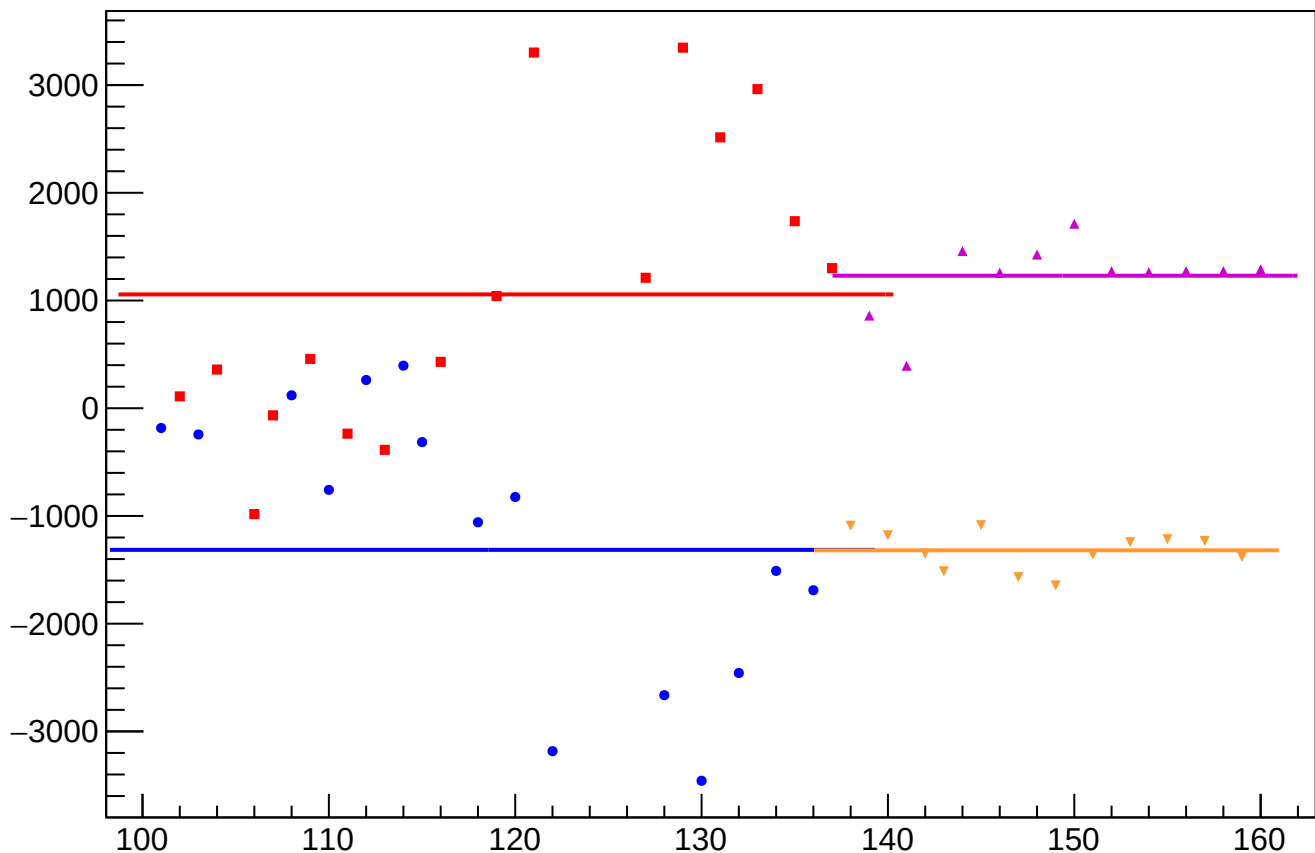
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782+/-0.000

Left Out: -1318.814+/-0.000

Right Out: 1056.765+/-0.000

Left In: 1230.430+/-0.000

χ^2/NDF : 966082368518203481544021644405645508608.0/14

χ^2/NDF : 28738856775554340954745144784441049088.0/11

χ^2/NDF : 1127141594187417021949832477353286041600.0/15

χ^2/NDF : 100431691068850056086409132460520505344.0/10

Left: -39.345+/-0.000 χ^2/NDF : 3120127599726201

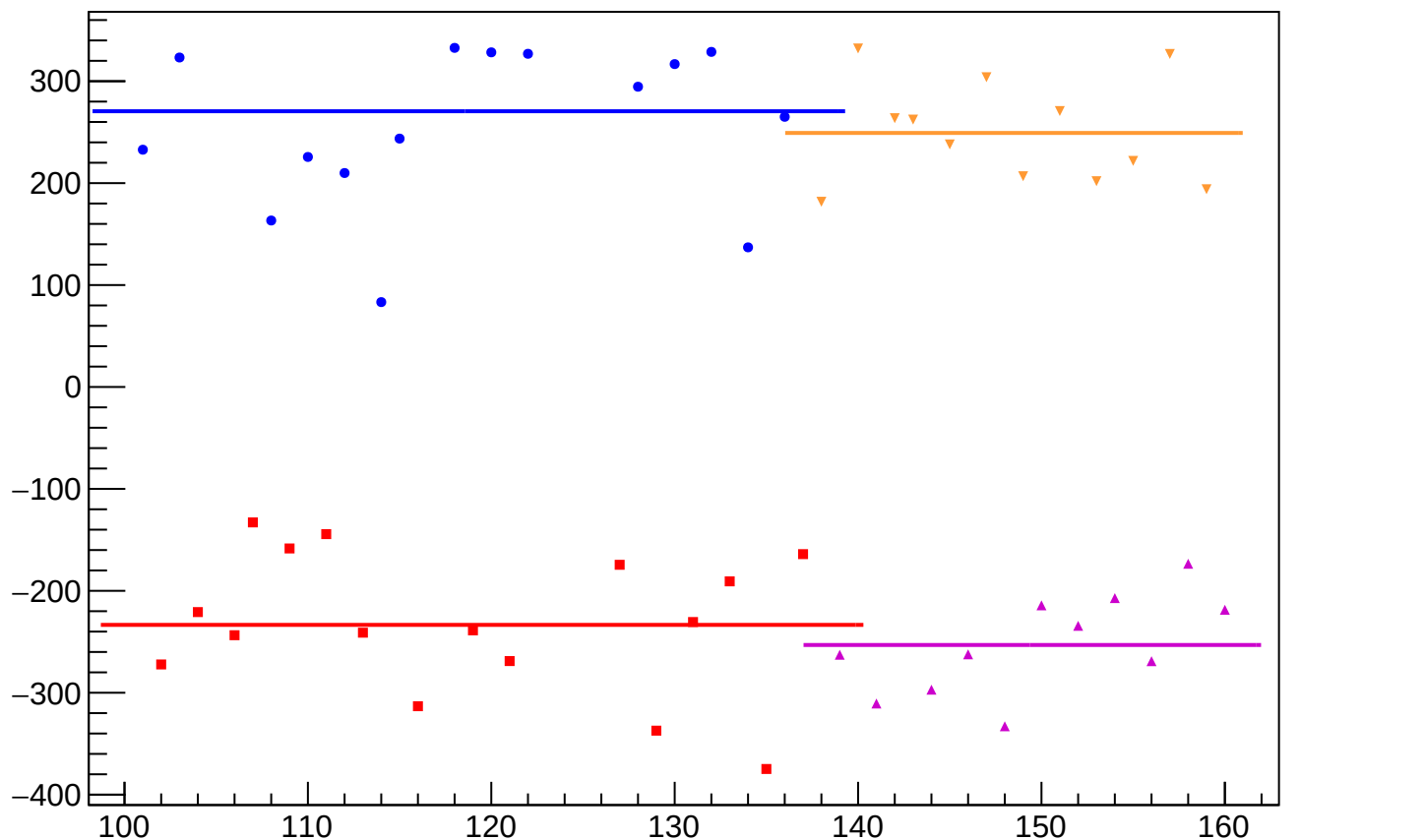
Right: -112.789+/-0.000 χ^2/NDF : 39432514405702

In: 180.308+/-0.000 χ^2/NDF : 35361660763294785

Out: -318.491+/-0.000 χ^2/NDF : 333498948748990

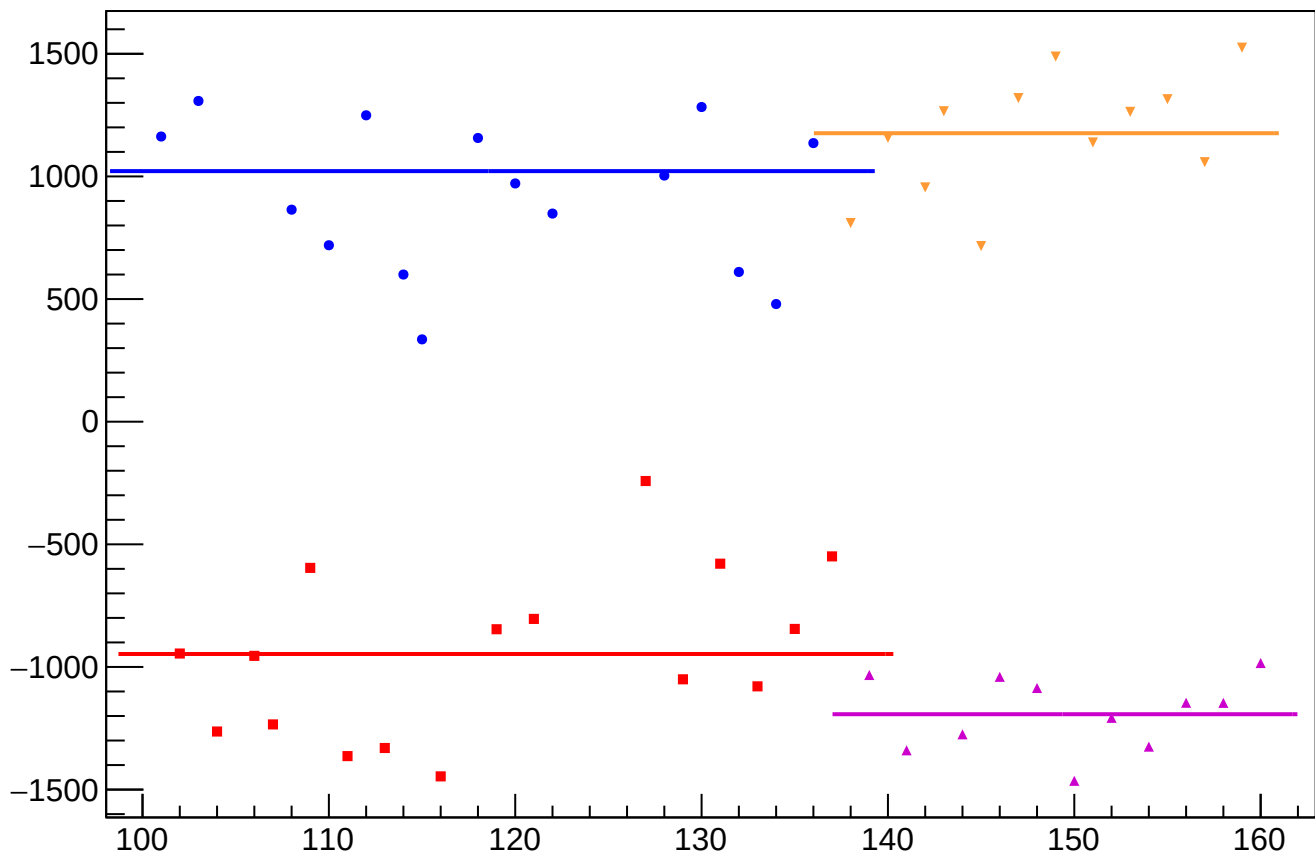
All: -69.961+/-0.000 χ^2/NDF : 706751853981

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538 ± 0.000 $\chi^2/\text{NDF}: 2473839905347950323907848405170257920.0/14$
 Left Out: 249.237 ± 0.000 $\chi^2/\text{NDF}: 2339906474360292493064044354333573120.0/11$
 Right Out: -233.421 ± 0.000 $\chi^2/\text{NDF}: 3048529087317888615064010247743995904.0/15$
 Left In: -253.145 ± 0.000 $\chi^2/\text{NDF}: 1980196841930298045035907903943344128.0/10$
 All: 4.603 ± 0.000 $\chi^2/\text{NDF}: 20979376563720$

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

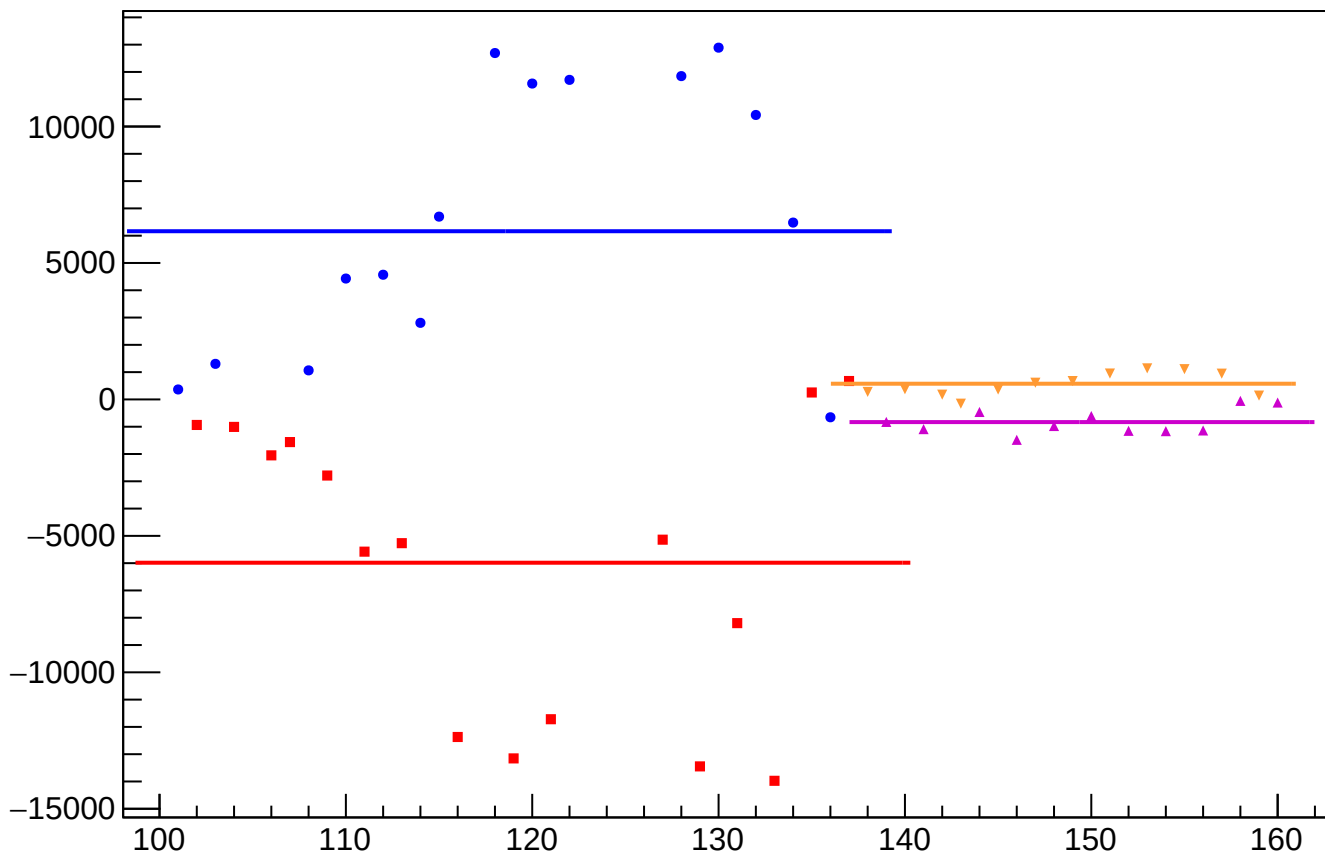
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

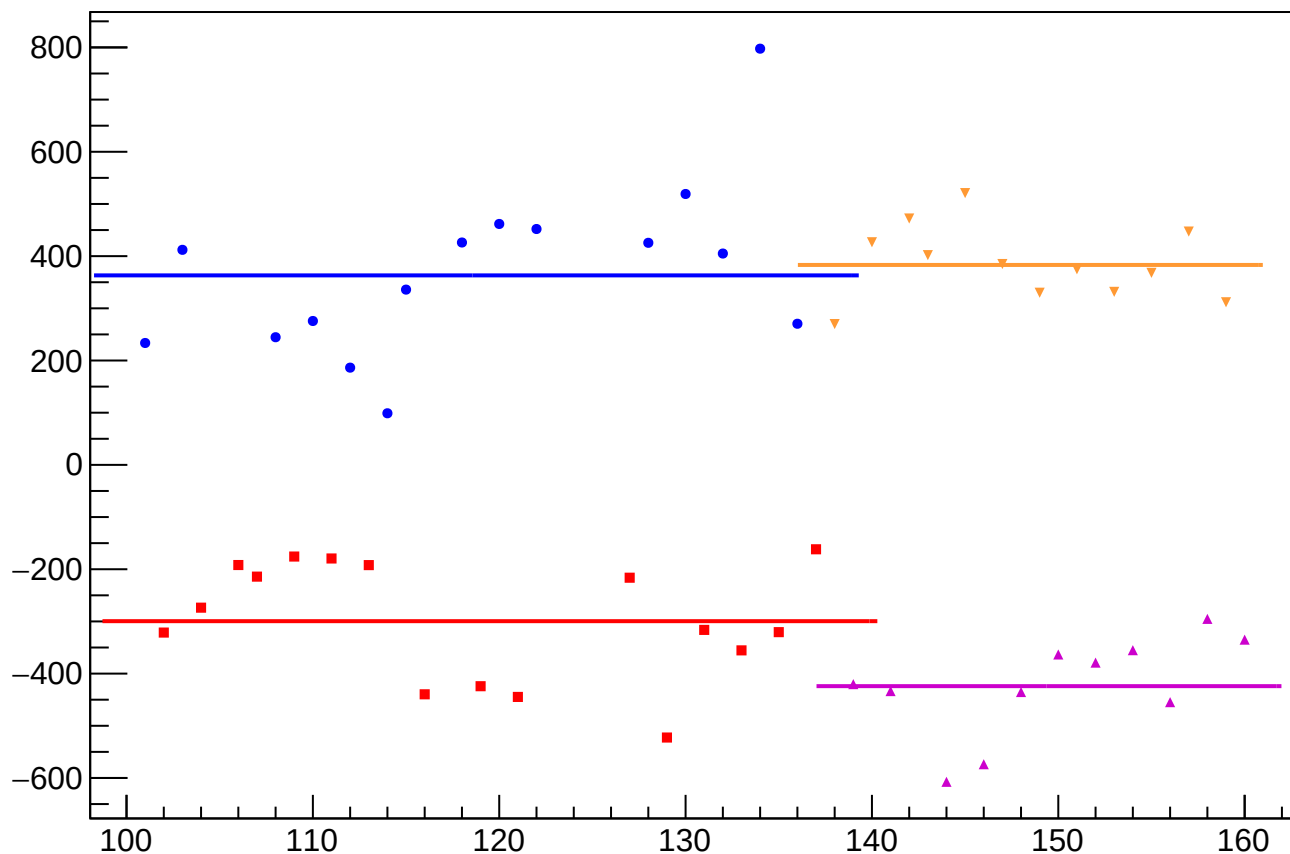
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam6_coil7_mean vs Slug, Sign Corrected



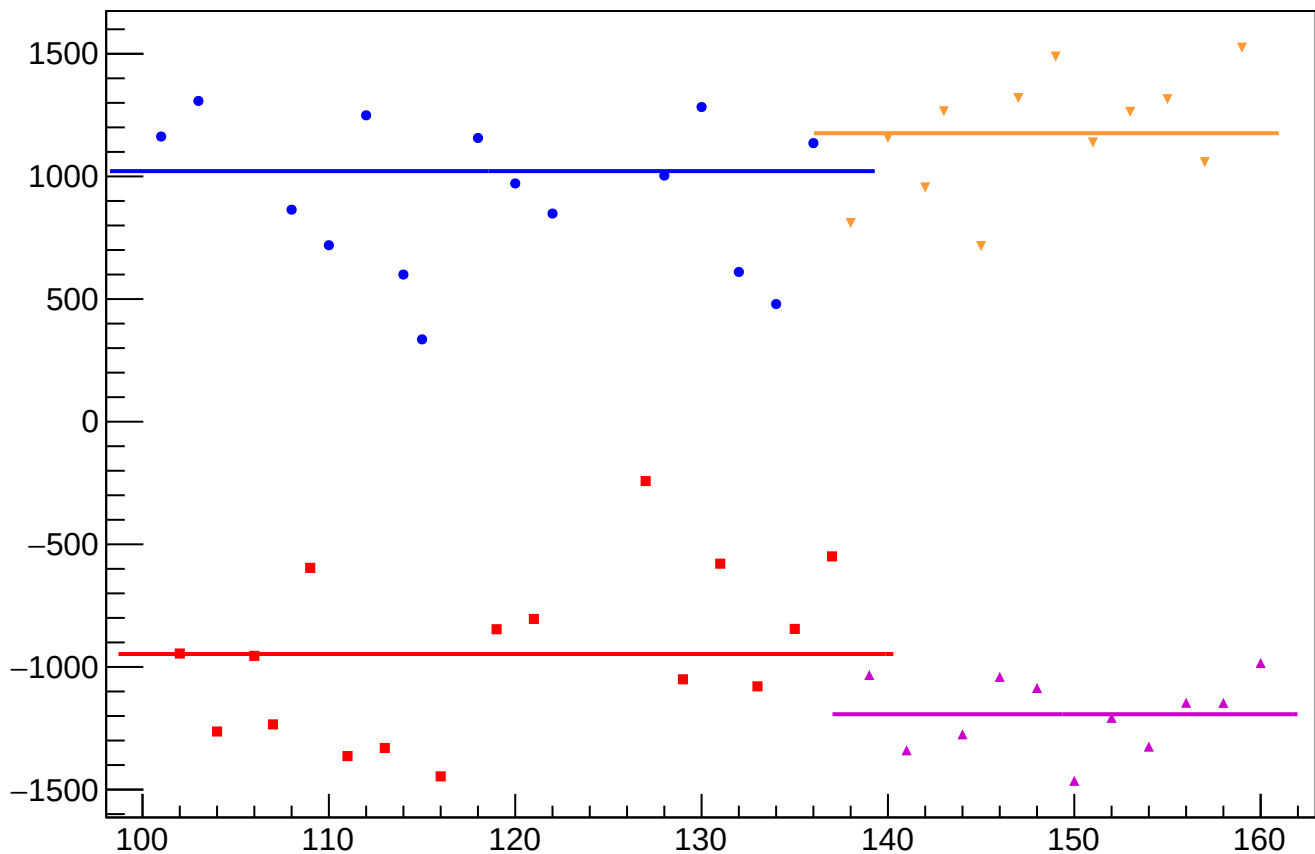
Left: -130.269+/-0.000 χ^2/NDF : 122669407546911
 Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Right: 6.710+/-0.000 χ^2/NDF : 84243130977336022
 Left Out: 575.396+/-0.000 χ^2/NDF : 144552913228066781625188443355564998656.0/11
 In: 2055.062+/-0.000 χ^2/NDF : 3702143048567494
 Right Out: -5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Out: -2186.621+/-0.000 χ^2/NDF : 34262878323856
 Left In: -830.587+/-0.000 χ^2/NDF : 172337092403726273197356020615128023040.0/10
 All: -73.169+/-0.000 χ^2/NDF : 854842243491

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Left: -21.982 ± 0.000 χ^2/NDF : 3119745931798331
 Right In: 363.133 ± 0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14
 Right: 27.278 ± 0.000 χ^2/NDF : 1636258096450768
 Left Out: 383.139 ± 0.000 χ^2/NDF : 4300109581526268747828208718091124736.0/11
 In: -99.259 ± 0.000 χ^2/NDF : 25553843980228518
 Right Out: -299.514 ± 0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15
 Out: 95.683 ± 0.000 χ^2/NDF : 19193108375677536
 Left In: -424.034 ± 0.000 χ^2/NDF : 7812894231718086106241094868881375232.0/10
 All: -1.448 ± 0.000 χ^2/NDF : 4774625477045

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

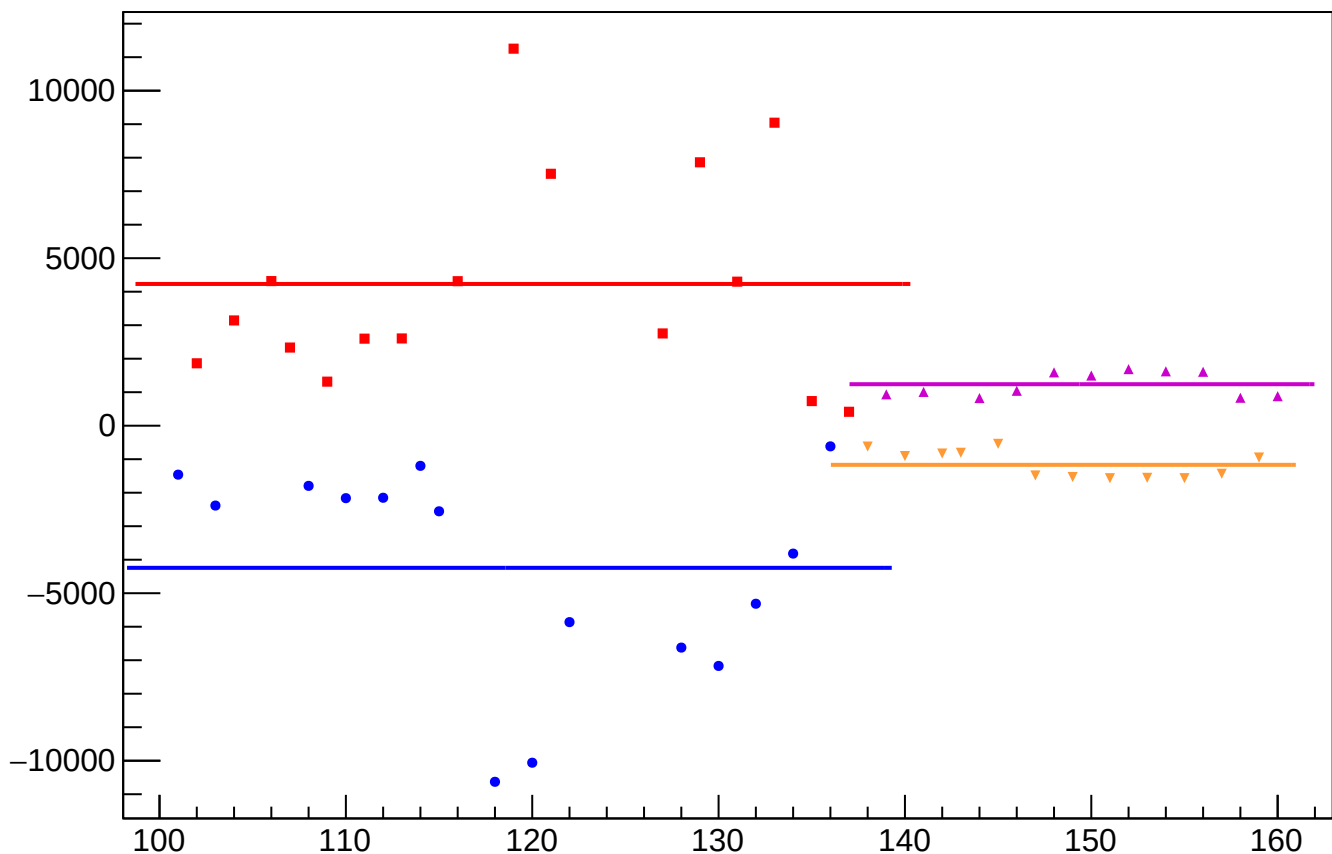
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 19255287383728205662654022867381911552.0/10

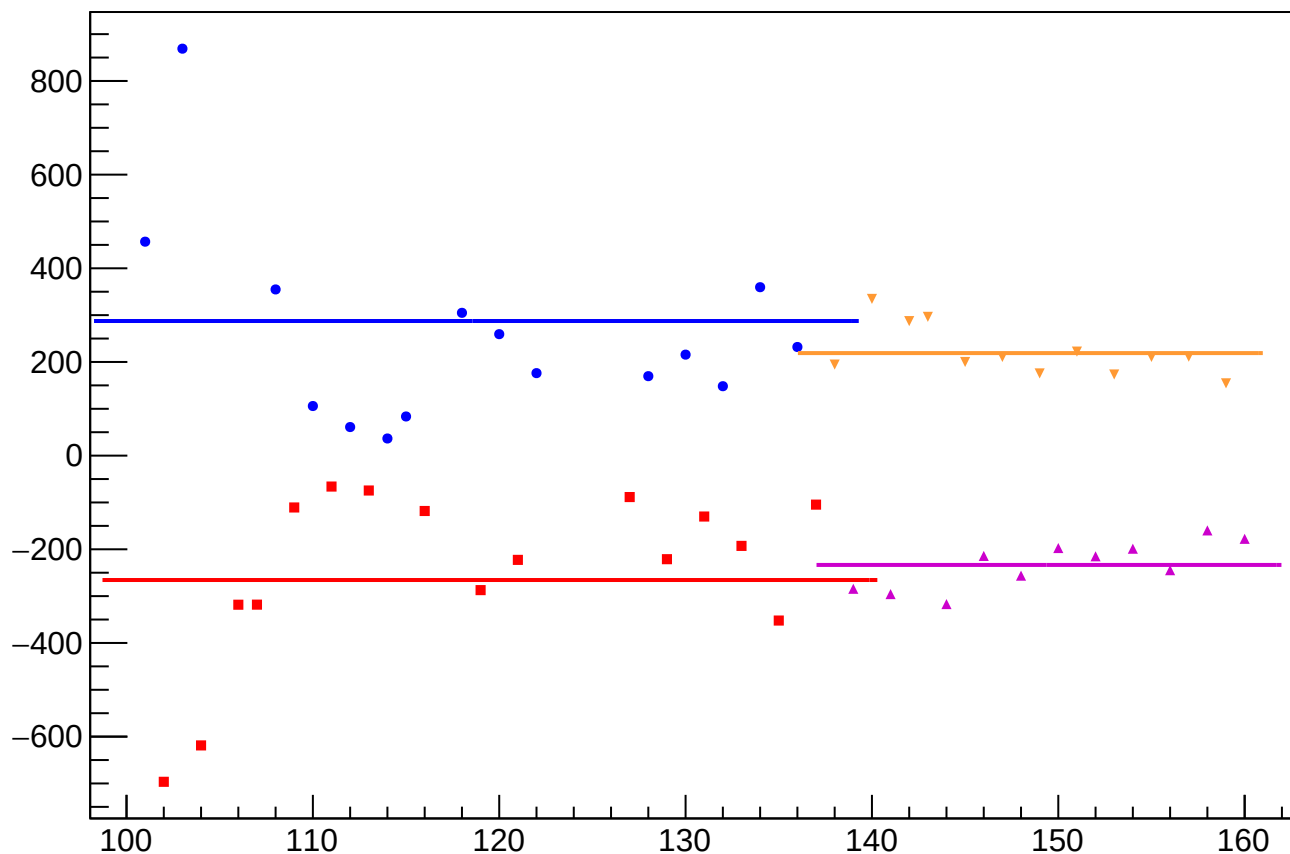
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam7_coil7_mean vs Slug, Sign Corrected



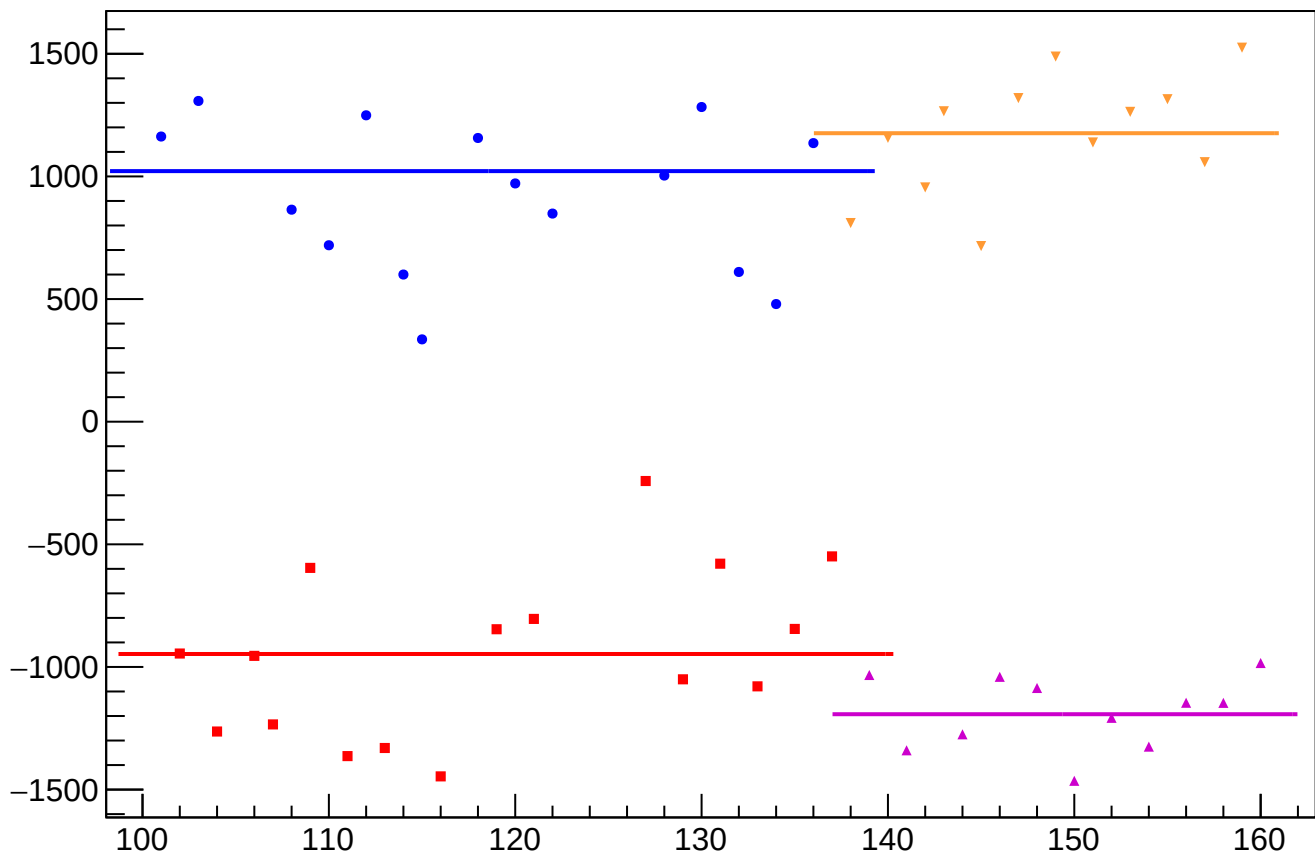
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1167.950+/-0.000 χ^2/NDF : 140593267041981181070281289588583432192.0/11
 Right Out: 4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: 1238.776+/-0.000 χ^2/NDF : 111339045659652616720712870833504124928.0/10
 All: 45.141+/-0.000 χ^2/NDF : 3999972440310

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 287.460 ± 0.000 $\chi^2/\text{NDF}: 29517044144826155936619151581366976512.0/14$
 Left Out: 218.953 ± 0.000 $\chi^2/\text{NDF}: 2475213997163419950481199473566416896.0/11$
 Right Out: -265.593 ± 0.000 $\chi^2/\text{NDF}: 25843263106329059274985499259066908672.0/15$
 Left In: -233.397 ± 0.000 $\chi^2/\text{NDF}: 2171341737989359237753599766499950592.0/10$
 All: -1.732 ± 0.000 $\chi^2/\text{NDF}: 2549717132605$

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

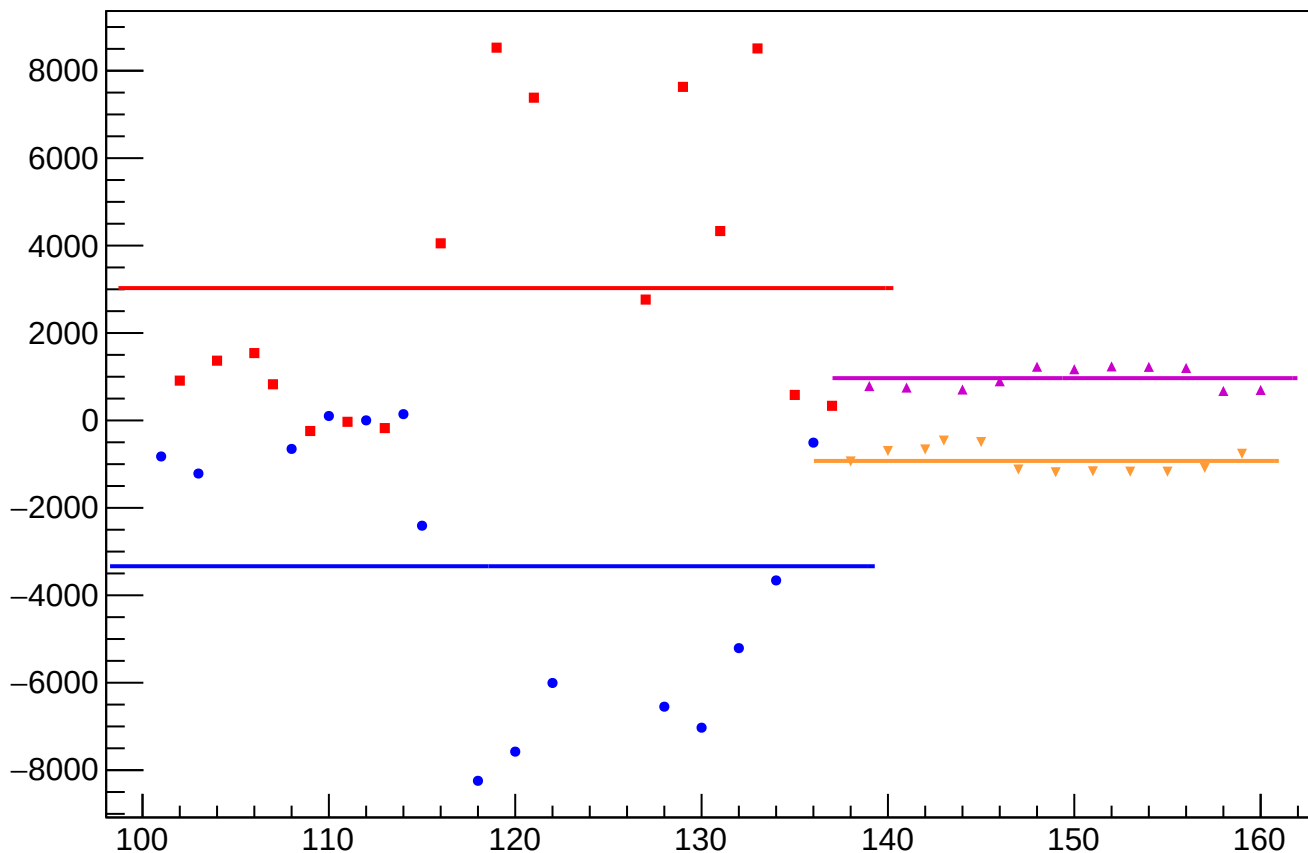
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 1925528738372820562654022867381911552.0/10

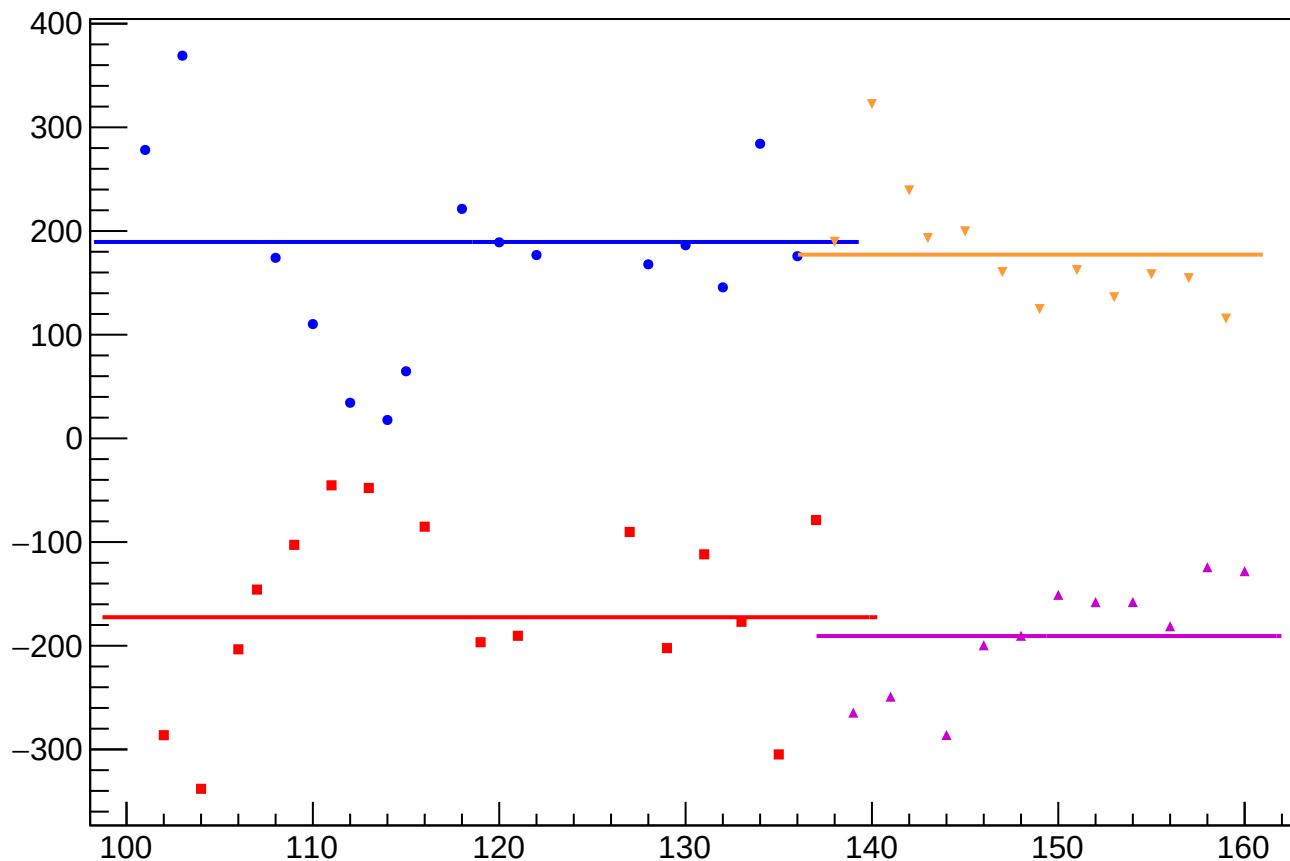
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_sam8_coil7_mean vs Slug, Sign Corrected



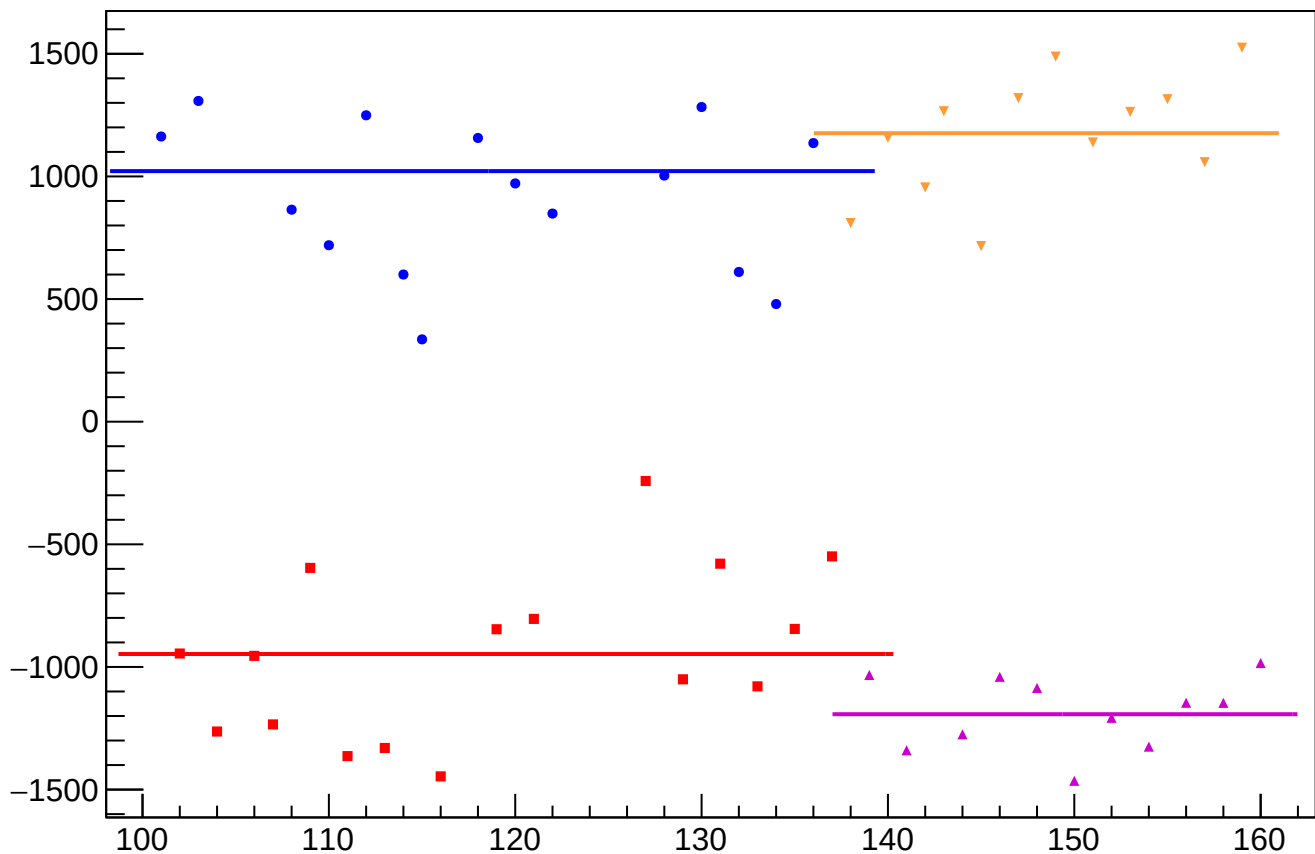
Left: 24.472 +/- 0.000 χ^2/NDF : 17654705988935665
 Right: -110.320 +/- 0.000 χ^2/NDF : 26741707536001
 In: -807.730 +/- 0.000 χ^2/NDF : 1344782221758095
 Out: 738.908 +/- 0.000 χ^2/NDF : 1318536484982862
 All: -31.716 +/- 0.000 χ^2/NDF : 285211212597

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 177.229 +/- 0.000 χ^2/NDF : 2763689981014700365307320120704499712.0/11
 Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: -190.641 +/- 0.000 χ^2/NDF : 2536070386684067132001548898091925504.0/10
 All: -1.816 +/- 0.000 χ^2/NDF : 1211116539519

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 +/- 0.000

χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1176.242 +/- 0.000

χ^2/NDF : 53355525796592022882385023198883217408.0/11

Right Out: -947.145 +/- 0.000

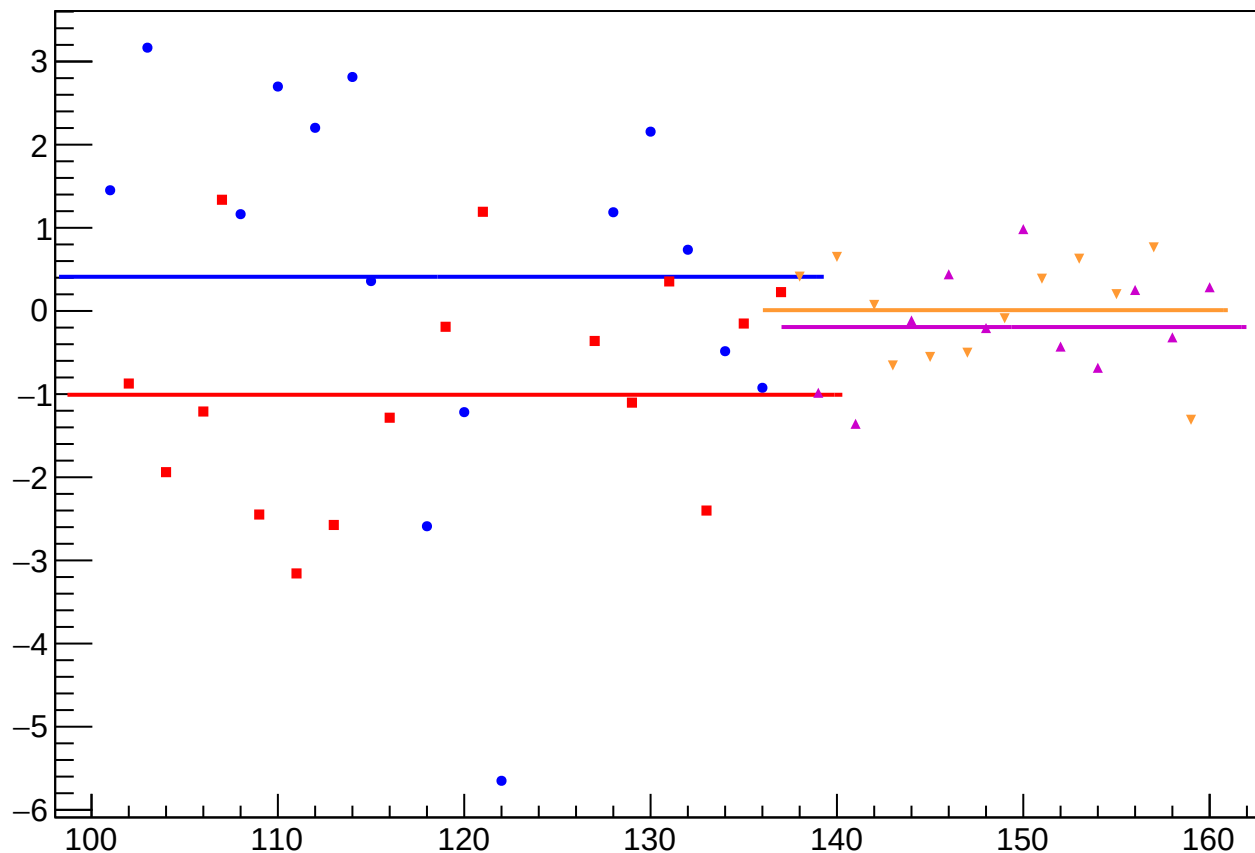
χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1192.687 +/- 0.000

χ^2/NDF : 1925528738372820562654022867381911552.0/10

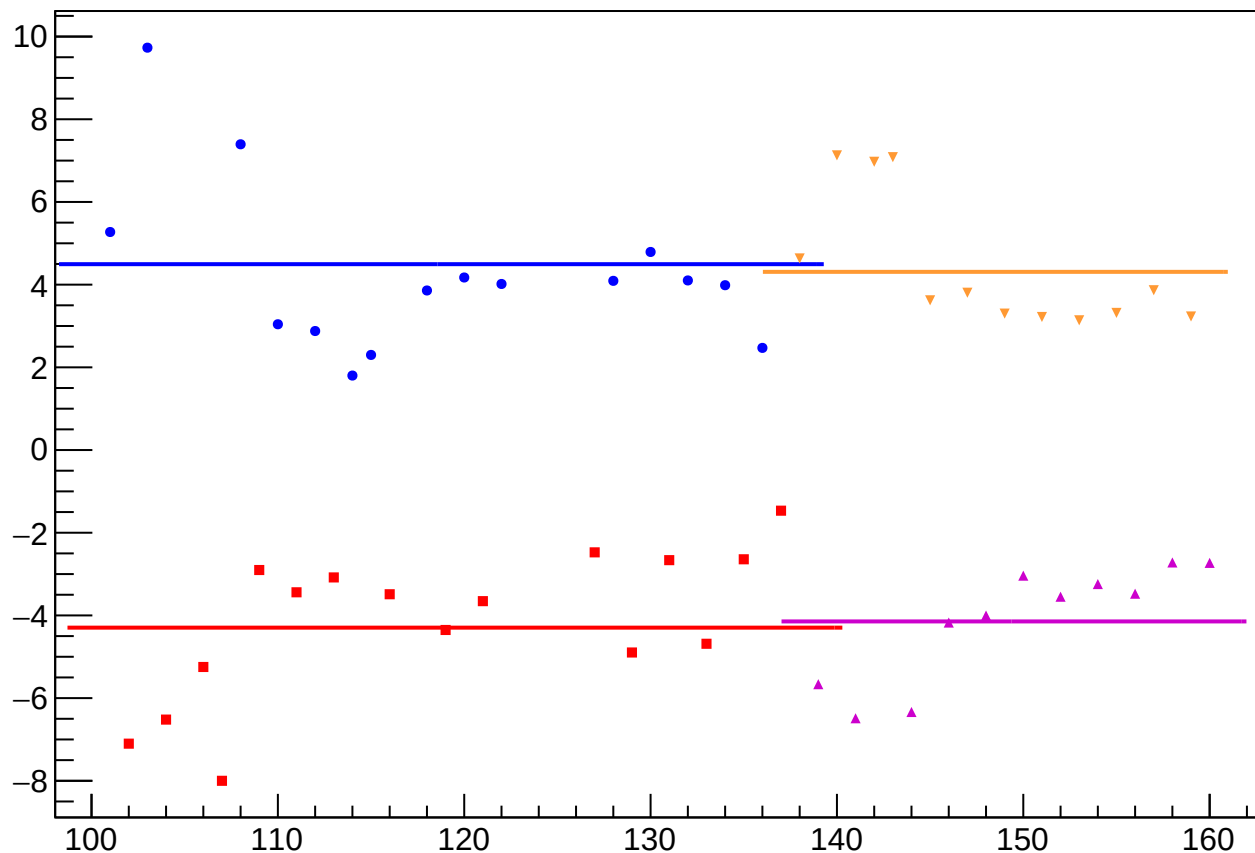
All: 2.502 +/- 0.000 χ^2/NDF : 40397791098983

dit_4aX_coil4_mean vs Slug, Sign Corrected



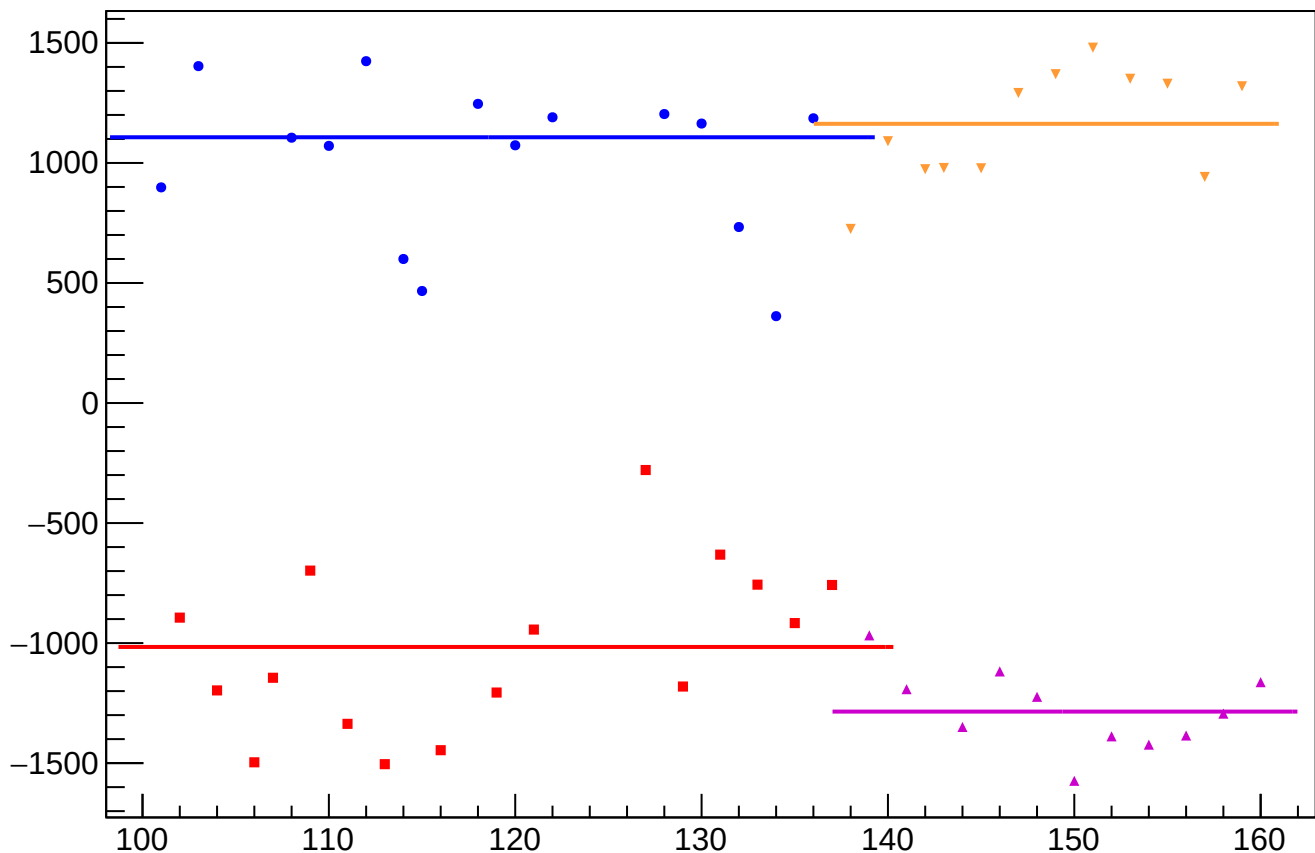
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.010+/-0.000 χ^2/NDF : 353620786406369007663734375579648.0/11
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -0.193+/-0.000 χ^2/NDF : 386133523330033860307880234713088.0/10
 All: -0.182+/-0.000 χ^2/NDF : 5970744078372

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



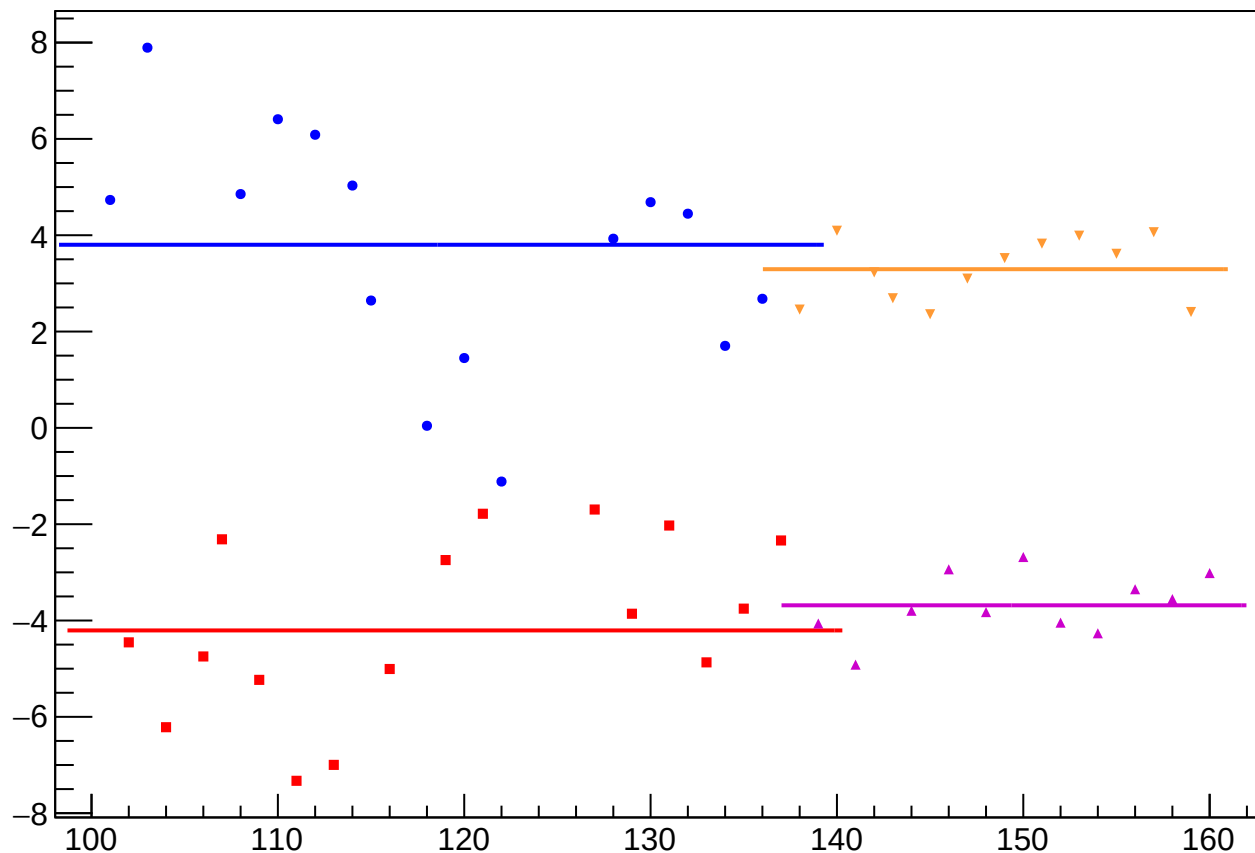
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.310 $\pm$ 0.000 χ^2 /NDF: 2040592298318690802405823572082688.0/11
 Right Out: -4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: -4.145 $\pm$ 0.000 χ^2 /NDF: 1645942604303349608571849827942400.0/10
 All: 0.055 $\pm$ 0.000 χ^2 /NDF: 66761434999463.0/40

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



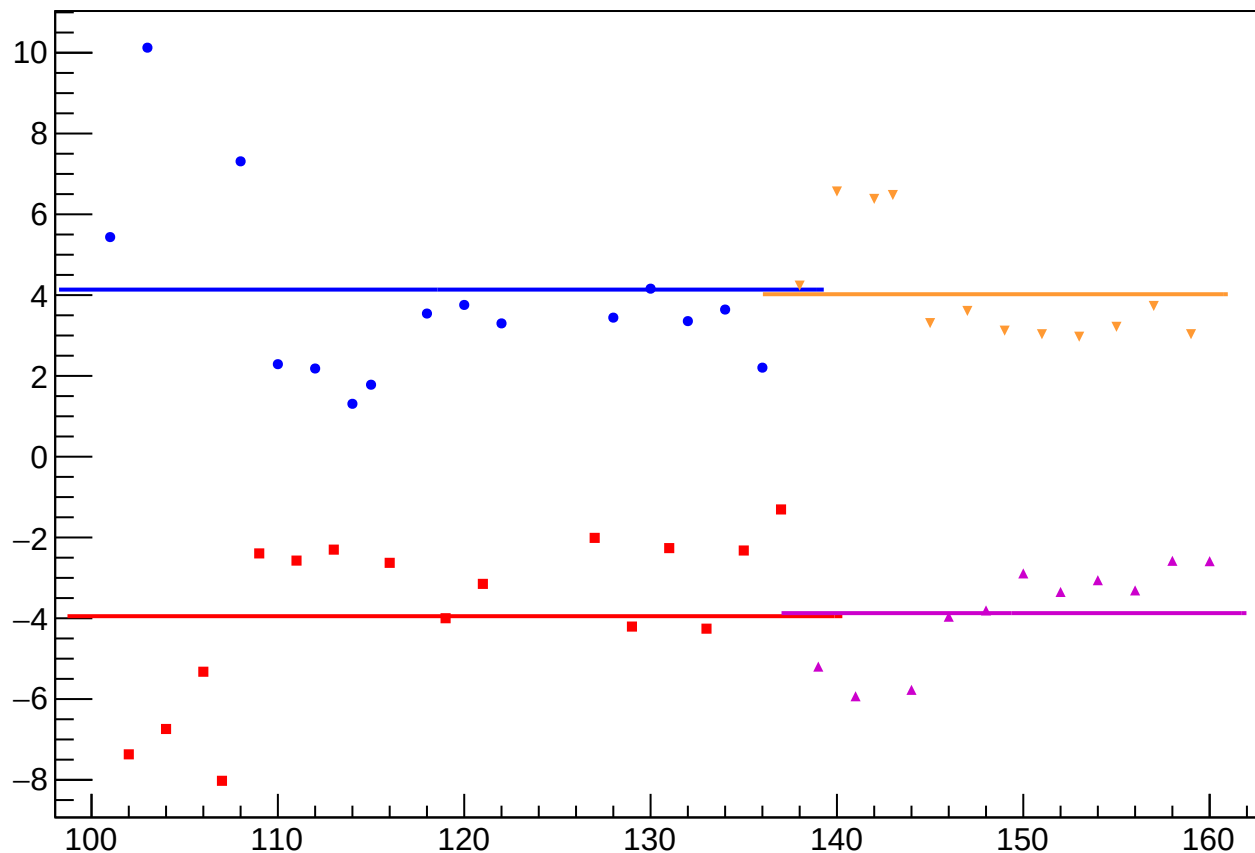
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: -65.811+/-0.000	χ^2/NDF : 2828784455009896
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 7256766433509192712184310037150171136.0/15	In: -298.283+/-0.000	χ^2/NDF : 2246669587664541
Left In: -1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10	Out: 245.439+/-0.000	χ^2/NDF : 1951966106757194
		All: -25.475+/-0.000	χ^2/NDF : 443196140049

dit_4eX_coil4_mean vs Slug, Sign Corrected



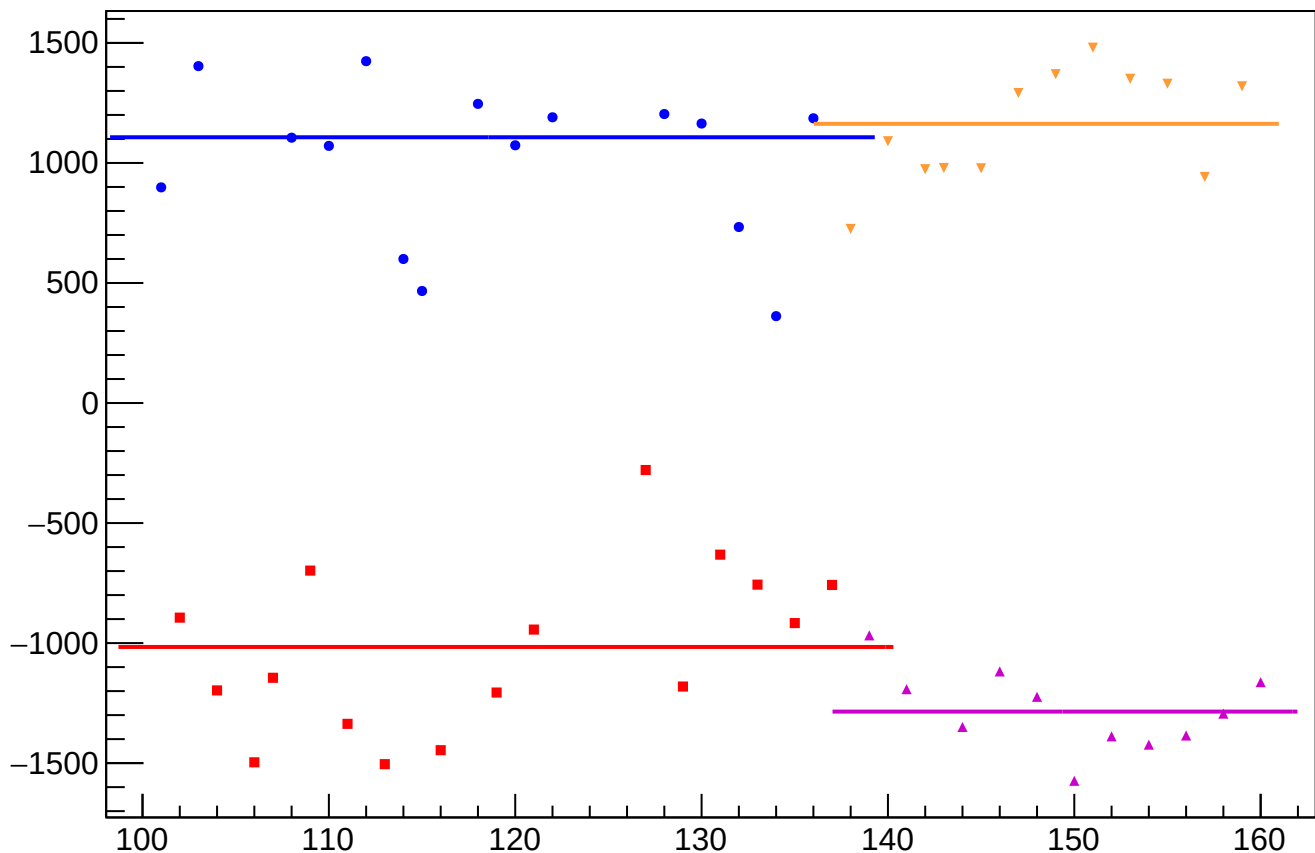
Right In: 3.802 ± 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.295 ± 0.000 χ^2/NDF : 390847239589673517583250386583552.0/11
 Right Out: -4.206 ± 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -3.684 ± 0.000 χ^2/NDF : 366001419656422310601850072596480.0/10
 All: -0.228 ± 0.000 χ^2/NDF : 5015899532000

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



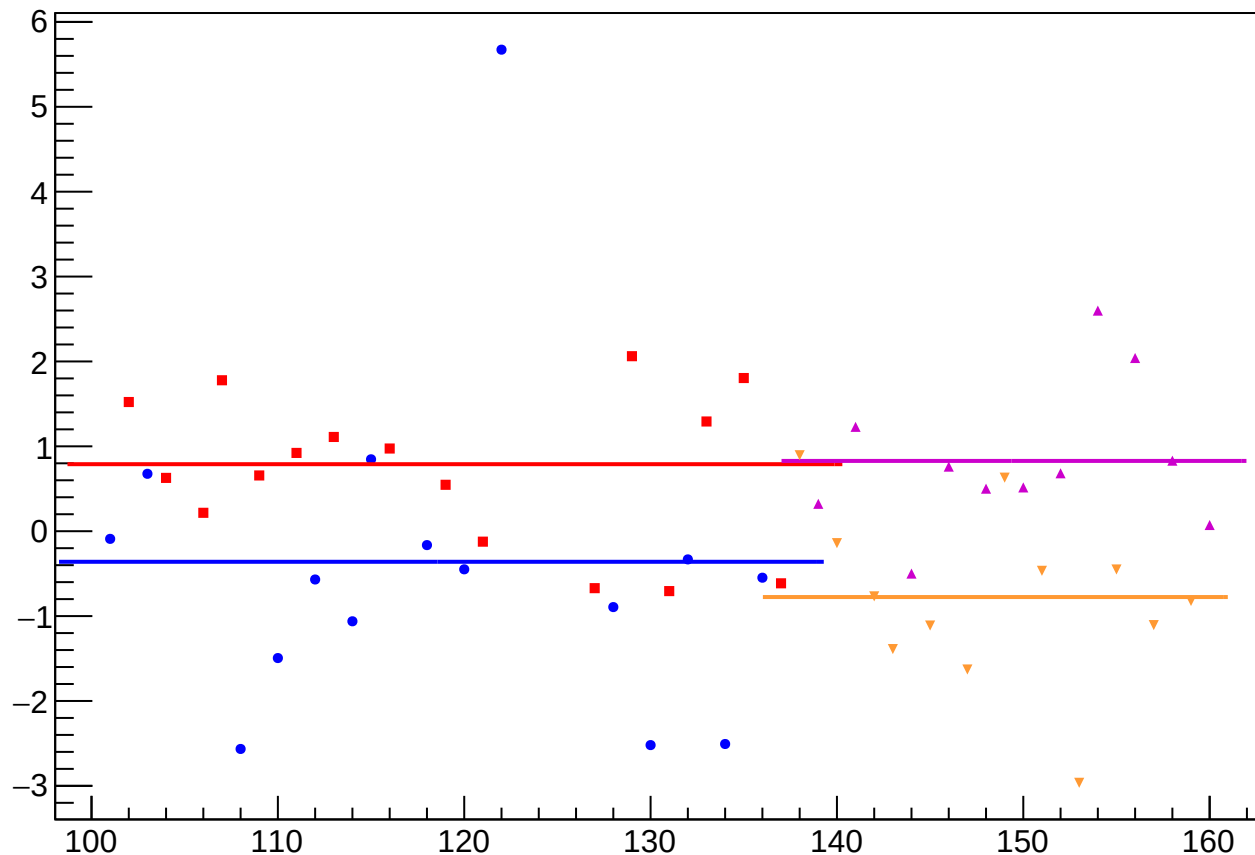
Right In: 4.136 $\pm$ 0.000 χ^2 /NDF: 3507600624388663919898505496231936.0/14
 Left Out: 4.022 $\pm$ 0.000 χ^2 /NDF: 1623918055405441678672358958694400.0/11
 Right Out: -3.948 $\pm$ 0.000 χ^2 /NDF: 2670176783942302028345551100051456.0/15
 Left In: -3.873 $\pm$ 0.000 χ^2 /NDF: 1278598291391127694323835331411968.0/10
 All: 0.051 $\pm$ 0.000 χ^2 /NDF: 59266421309858.0/14

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



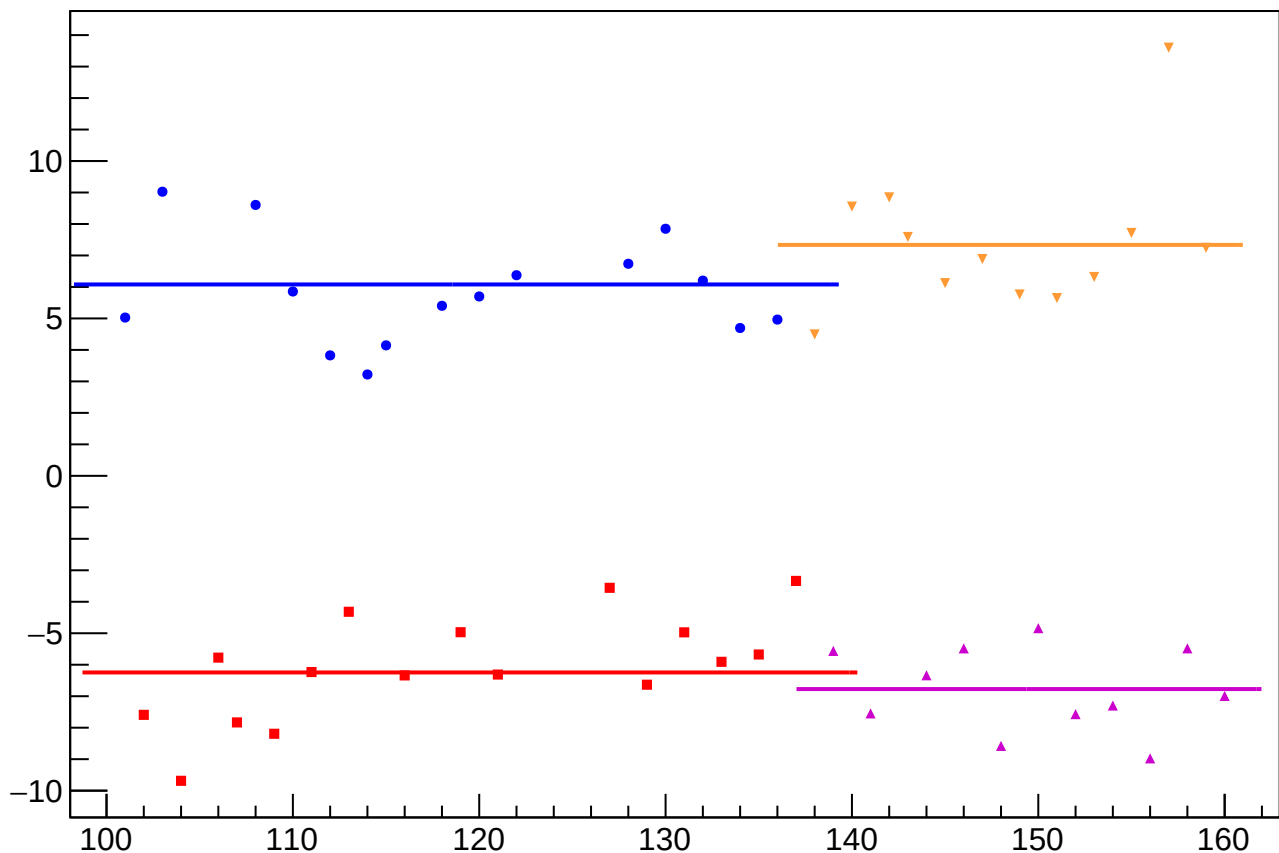
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: -65.811+/-0.000	χ^2/NDF : 2828784455009896
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 7256766433509192712184310037150171136.0/15	In: -298.283+/-0.000	χ^2/NDF : 2246669587664541
Left In: -1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10	Out: 245.439+/-0.000	χ^2/NDF : 1951966106757194
		All: -25.475+/-0.000	χ^2/NDF : 443196140049

dit_11X12X_coil4_mean vs Slug, Sign Corrected



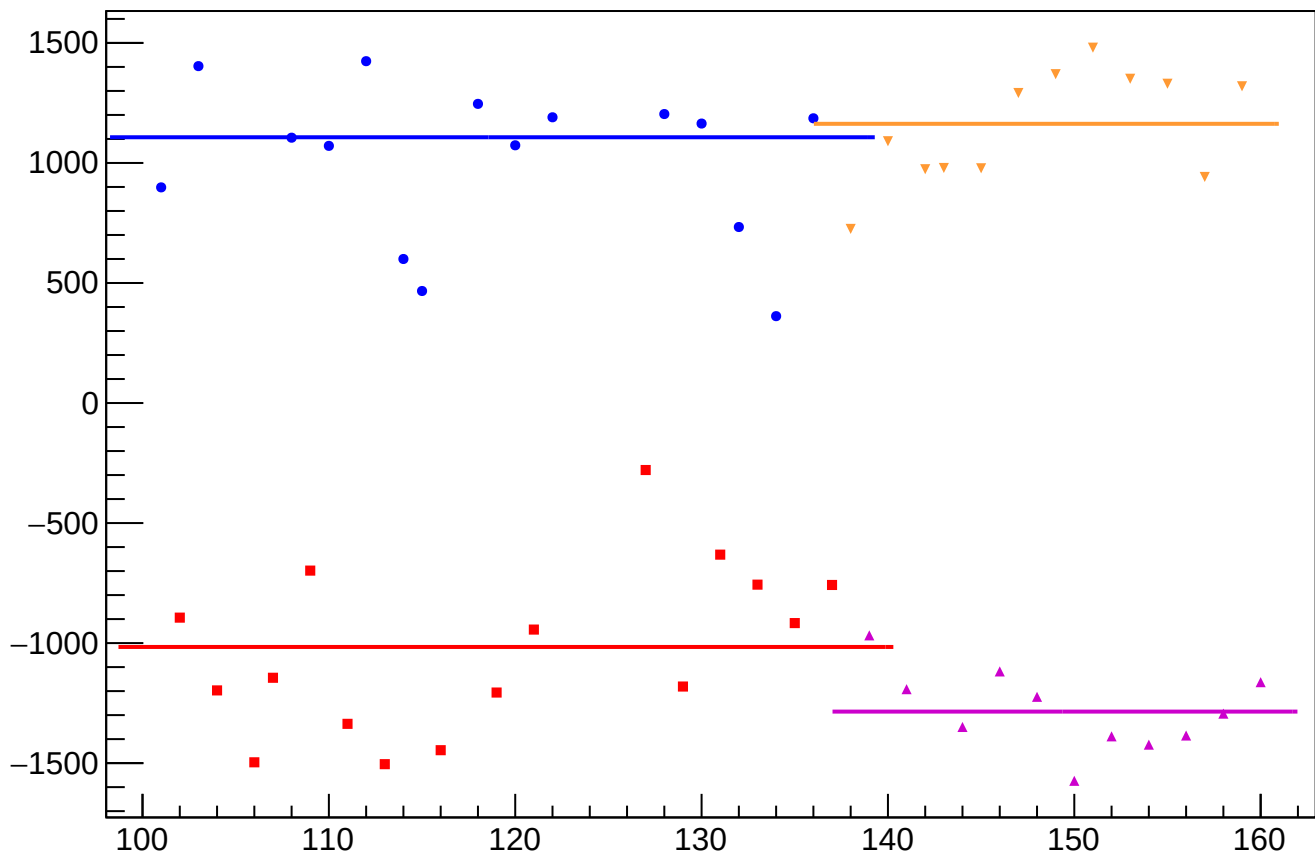
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.776 ± 0.000 χ^2/NDF : 939757082215191020614021048958976.0/11
 Right Out: 0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: 0.828 ± 0.000 χ^2/NDF : 650173977459122524537180454387712.0/10
 All: 0.110 ± 0.000 χ^2/NDF : 58805084148536

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



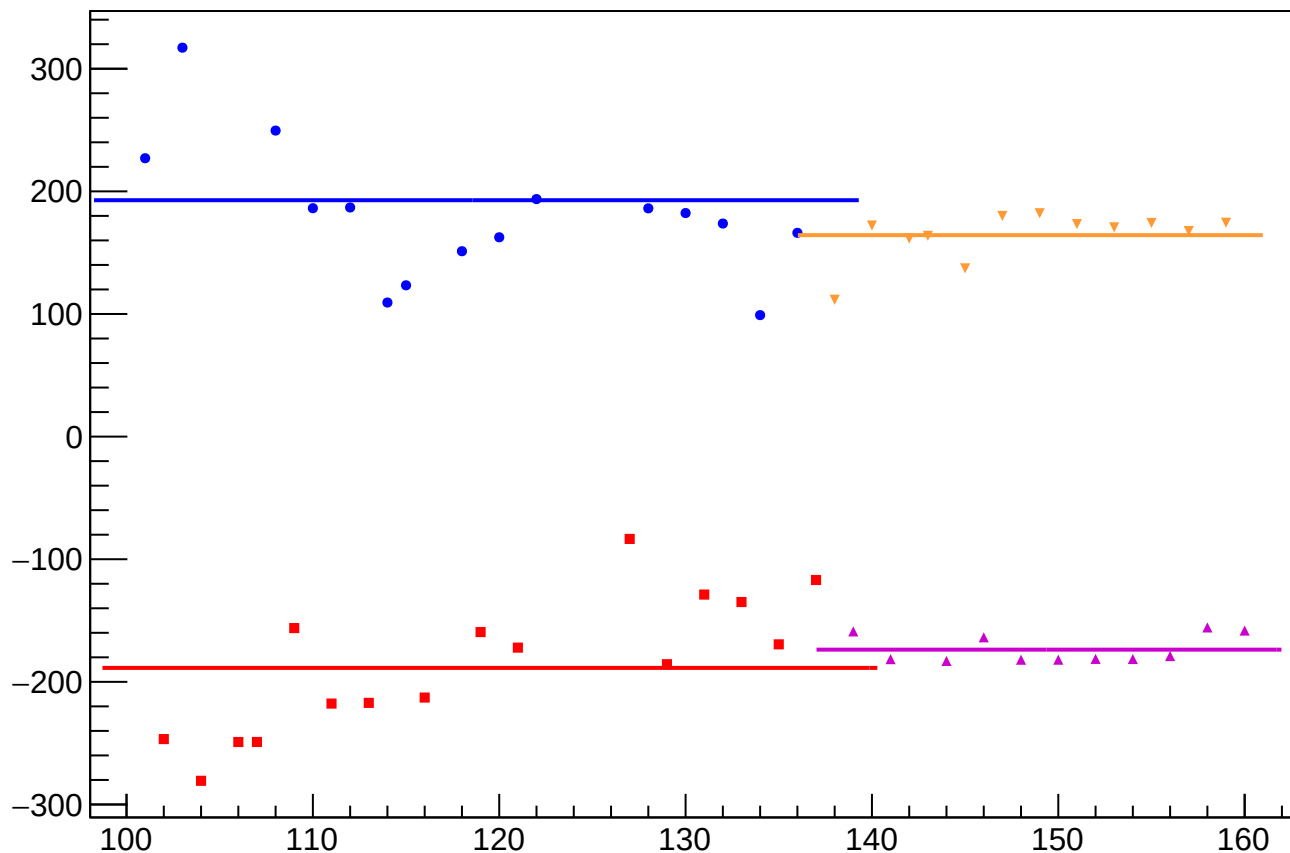
Right In: 6.079 ± 0.000 $\chi^2/\text{NDF}: 1590295171022705157509900448825344.0/14$
 Left Out: 7.336 ± 0.000 $\chi^2/\text{NDF}: 4625628833201139991267353991053312.0/11$
 Right Out: -6.245 ± 0.000 $\chi^2/\text{NDF}: 1816529163105006938510976985595904.0/15$
 Left In: -6.773 ± 0.000 $\chi^2/\text{NDF}: 1545880653062872635060205832372224.0/10$
 All: 0.079 ± 0.000 $\chi^2/\text{NDF}: 15129238447784$

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



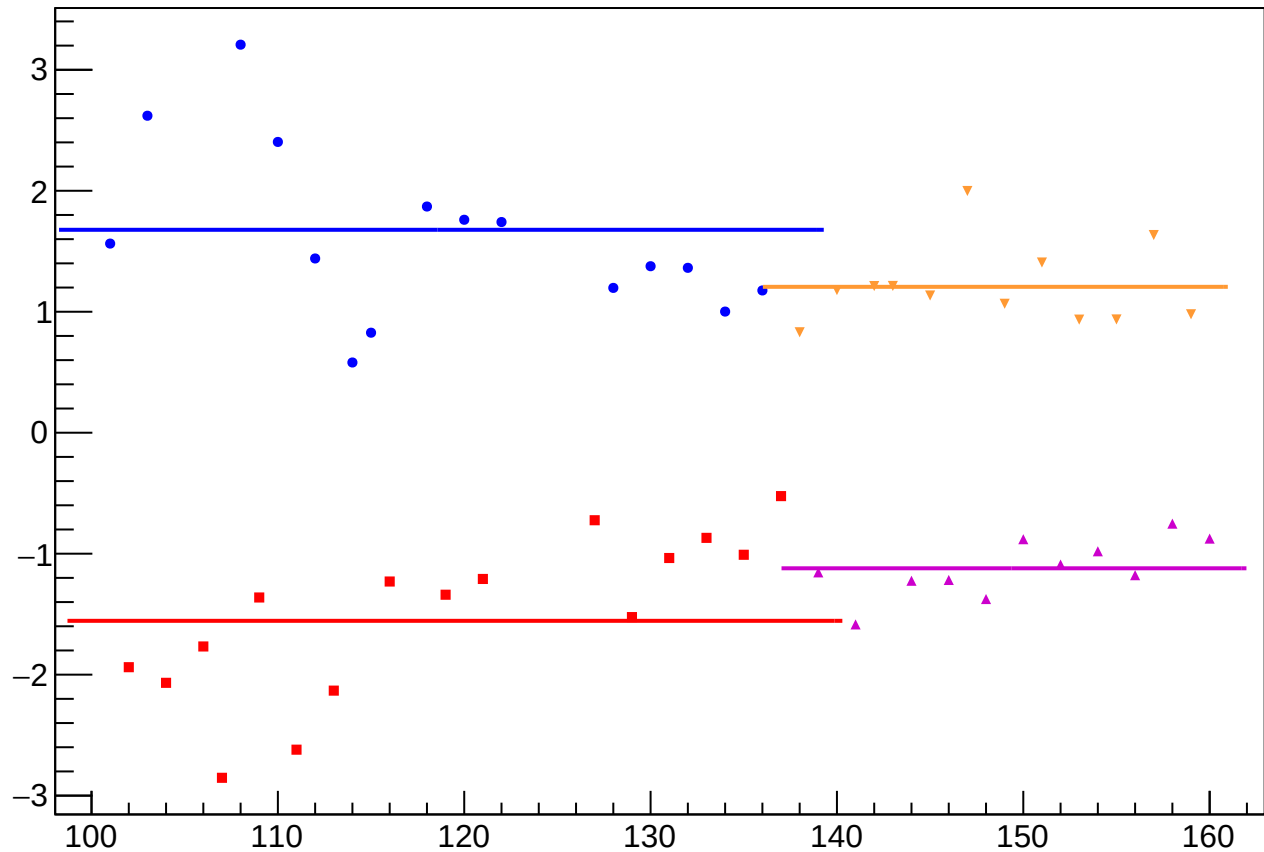
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_4aY_coil4_mean vs Slug, Sign Corrected



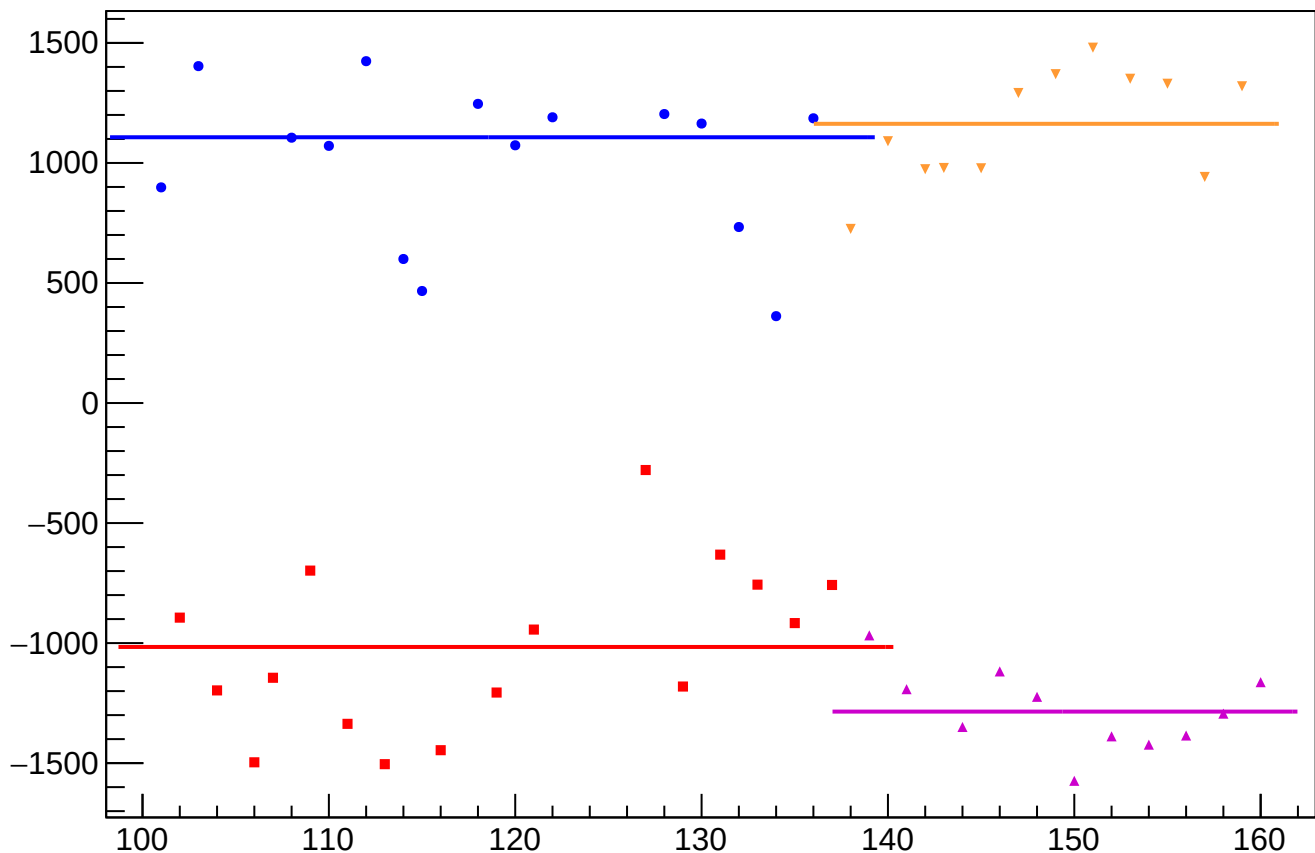
Left: -5.365 +/- 0.000 χ^2/NDF : 53051282128887740
 Right: -0.529 +/- 0.000 χ^2/NDF : 5140794879295893
 In: -22.521 +/- 0.000 χ^2/NDF : 52958566558256226
 Out: 15.690 +/- 0.000 χ^2/NDF : 50366253111906907
 All: -3.349 +/- 0.000 χ^2/NDF : 1044771835030

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



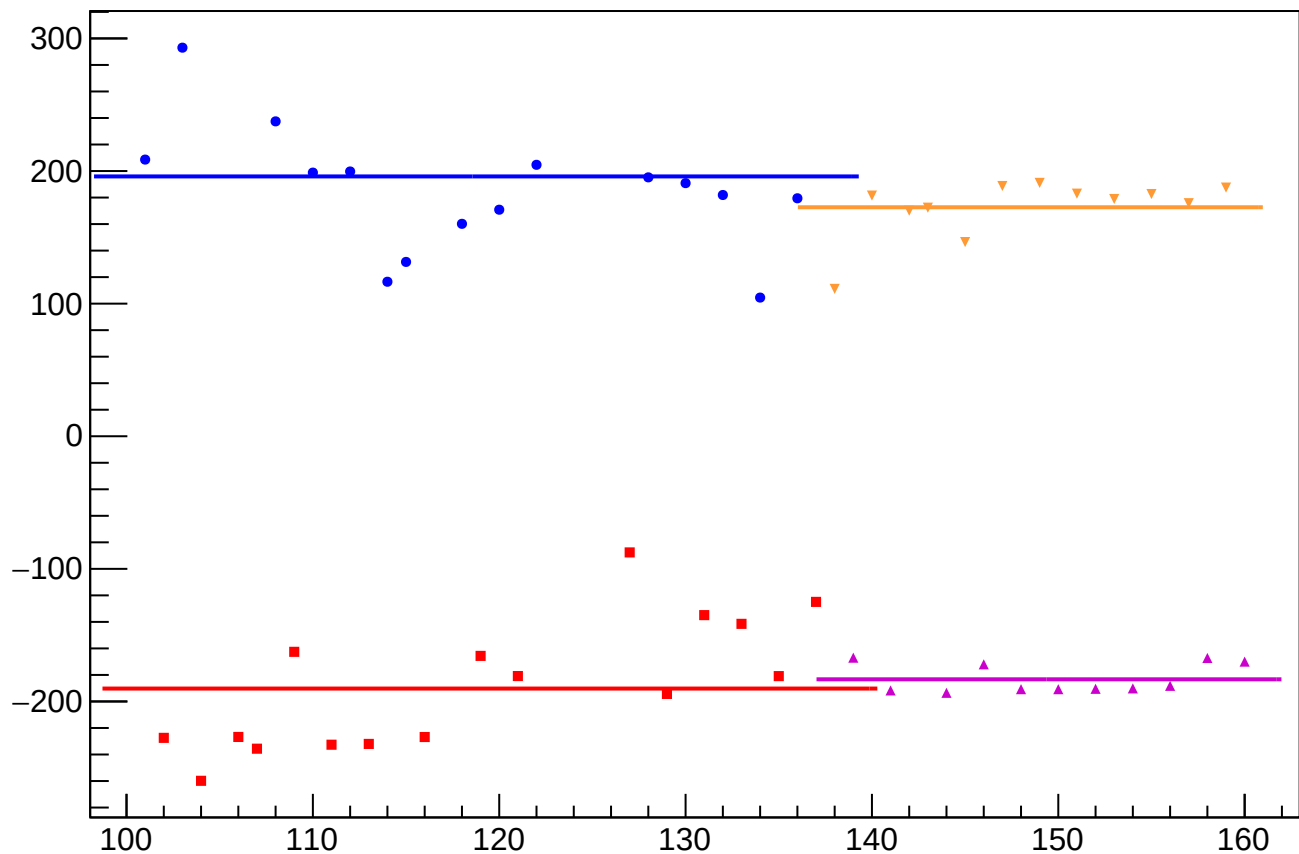
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14
 Left Out: 1.206 $\pm$ 0.000 χ^2 /NDF: 95869624128559666267627066490880.0/11
 Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15
 Left In: -1.121 $\pm$ 0.000 χ^2 /NDF: 48374896563348957372285351624704.0/10
 All: 0.039 $\pm$ 0.000 χ^2 /NDF: 65705107154675

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: -65.811+/-0.000	χ^2/NDF : 2828784455009896
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 7256766433509192712184310037150171136.0/15	In: -298.283+/-0.000	χ^2/NDF : 2246669587664541
Left In: -1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10	Out: 245.439+/-0.000	χ^2/NDF : 1951966106757194
	All: -25.475+/-0.000	χ^2/NDF : 443196140049	

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940 $\pm$ 0.000

χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 172.678 $\pm$ 0.000

χ^2 /NDF: 444129154318784491704790528347340800.0/11

Right Out: -190.268 $\pm$ 0.000

χ^2 /NDF: 1468473073667973330267084234323656704.0/15

Left In: -183.290 $\pm$ 0.000

χ^2 /NDF: 101738841511111417821042611832487936.0/10

Left: -5.983 $\pm$ 0.000 χ^2 /NDF: 58864914274163401

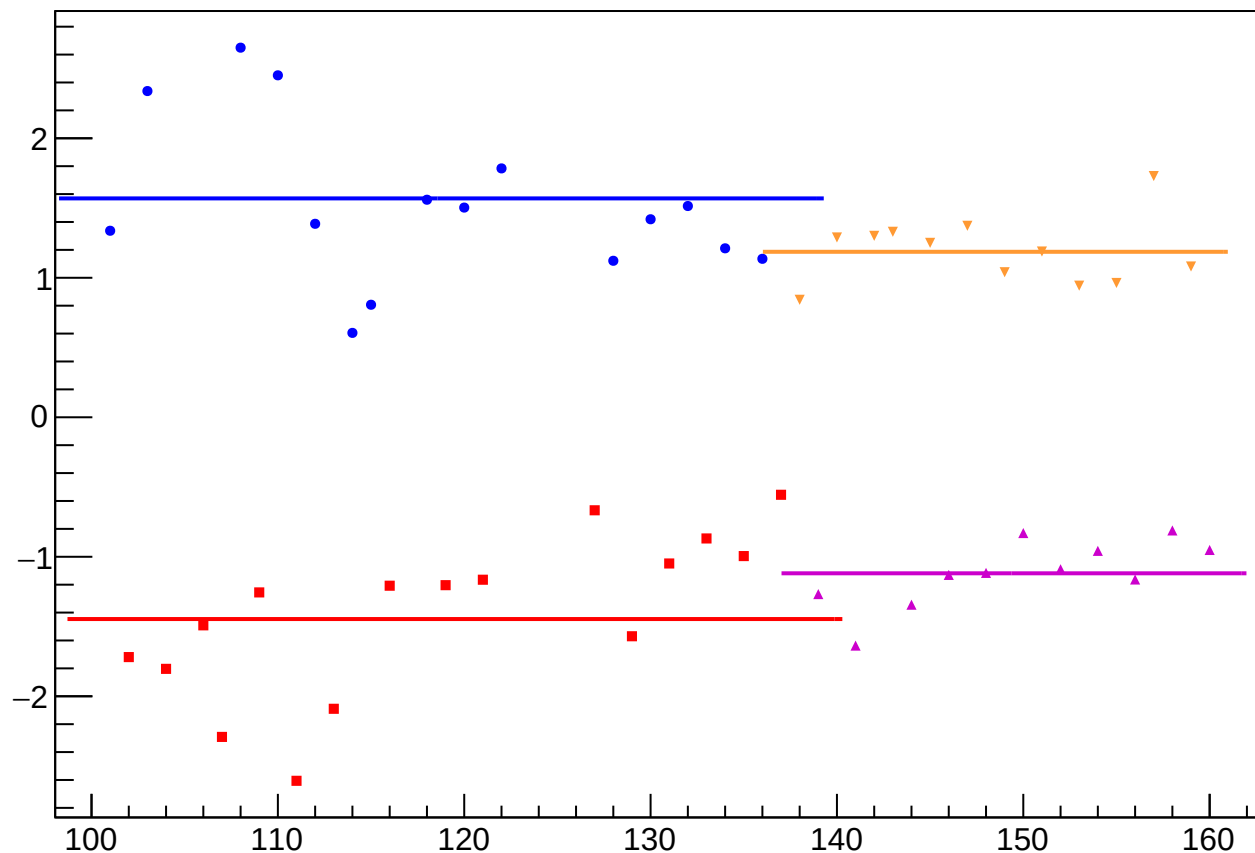
Right: 0.195 $\pm$ 0.000 χ^2 /NDF: 51589726724001798

In: -26.825 $\pm$ 0.000 χ^2 /NDF: 55986720653015776

Out: 19.847 $\pm$ 0.000 χ^2 /NDF: 52778083366810499

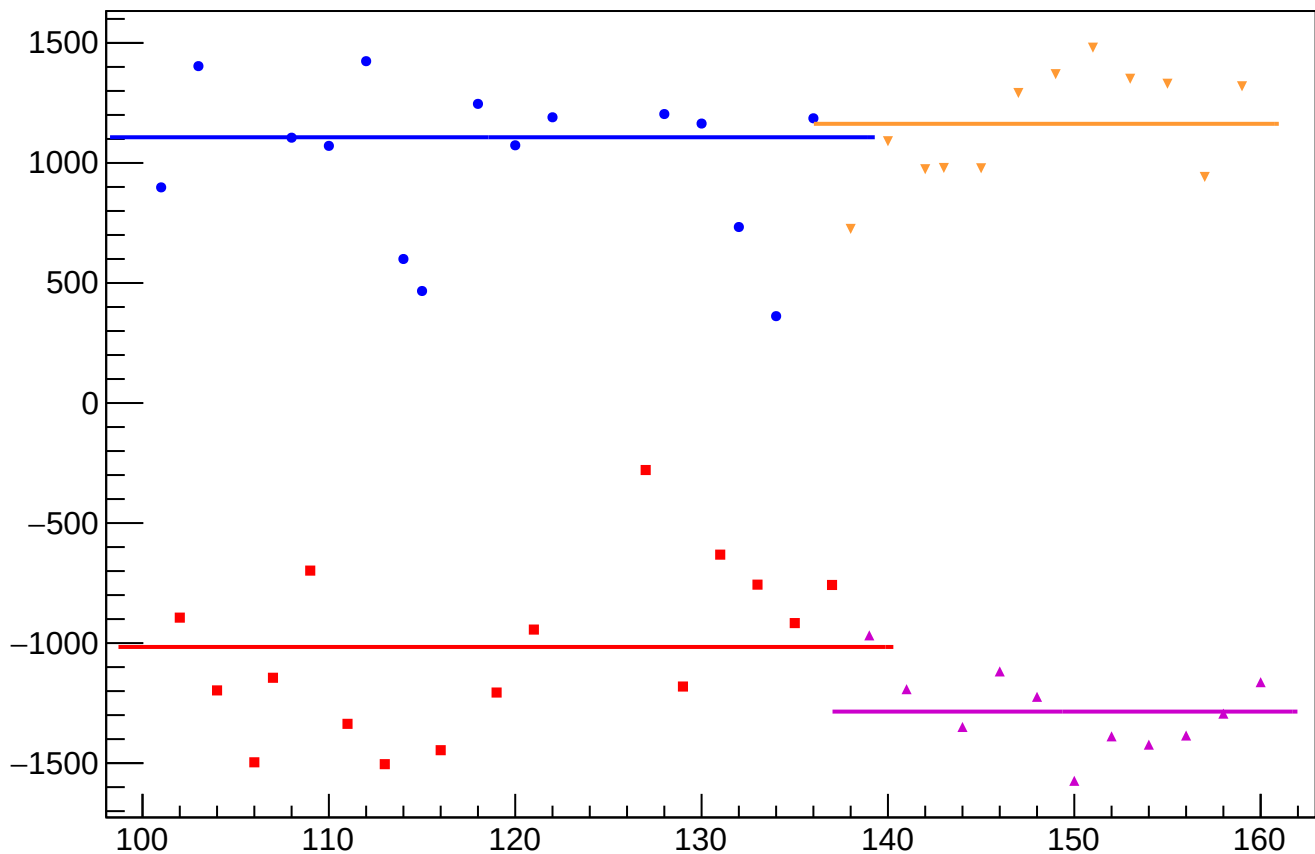
All: -3.408 $\pm$ 0.000 χ^2 /NDF: 1104839326993

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



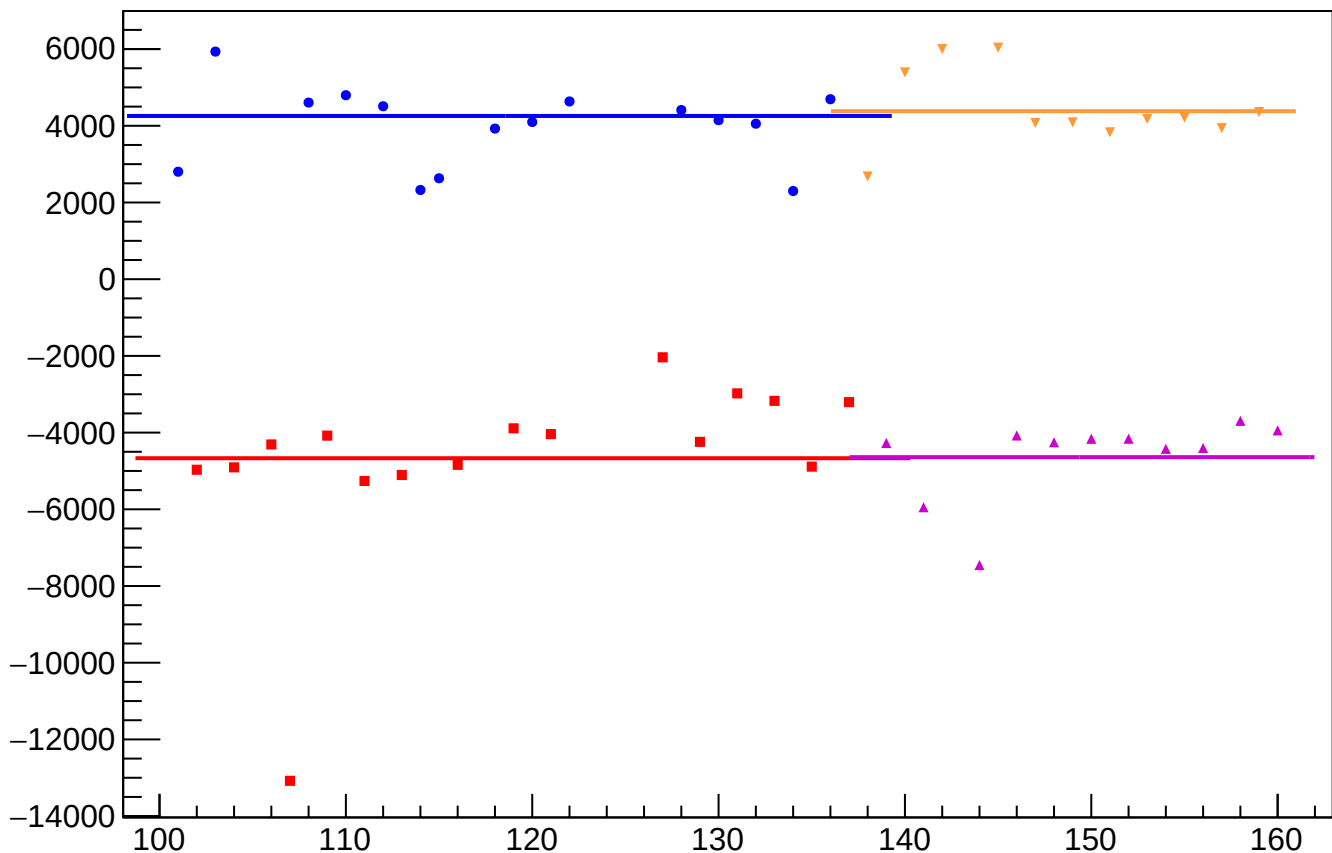
Right In: 1.569 ± 0.000 $\chi^2/\text{NDF}: 162849195668123380789610540957696.0/14$
 Left Out: 1.186 ± 0.000 $\chi^2/\text{NDF}: 50110649006733128269701442437120.0/11$
 Right Out: -1.446 ± 0.000 $\chi^2/\text{NDF}: 196296653917523352443271052787712.0/15$
 Left In: -1.118 ± 0.000 $\chi^2/\text{NDF}: 48973496995723480911801365823488.0/10$
 All: 0.034 ± 0.000 $\chi^2/\text{NDF}: 58938885510932$

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



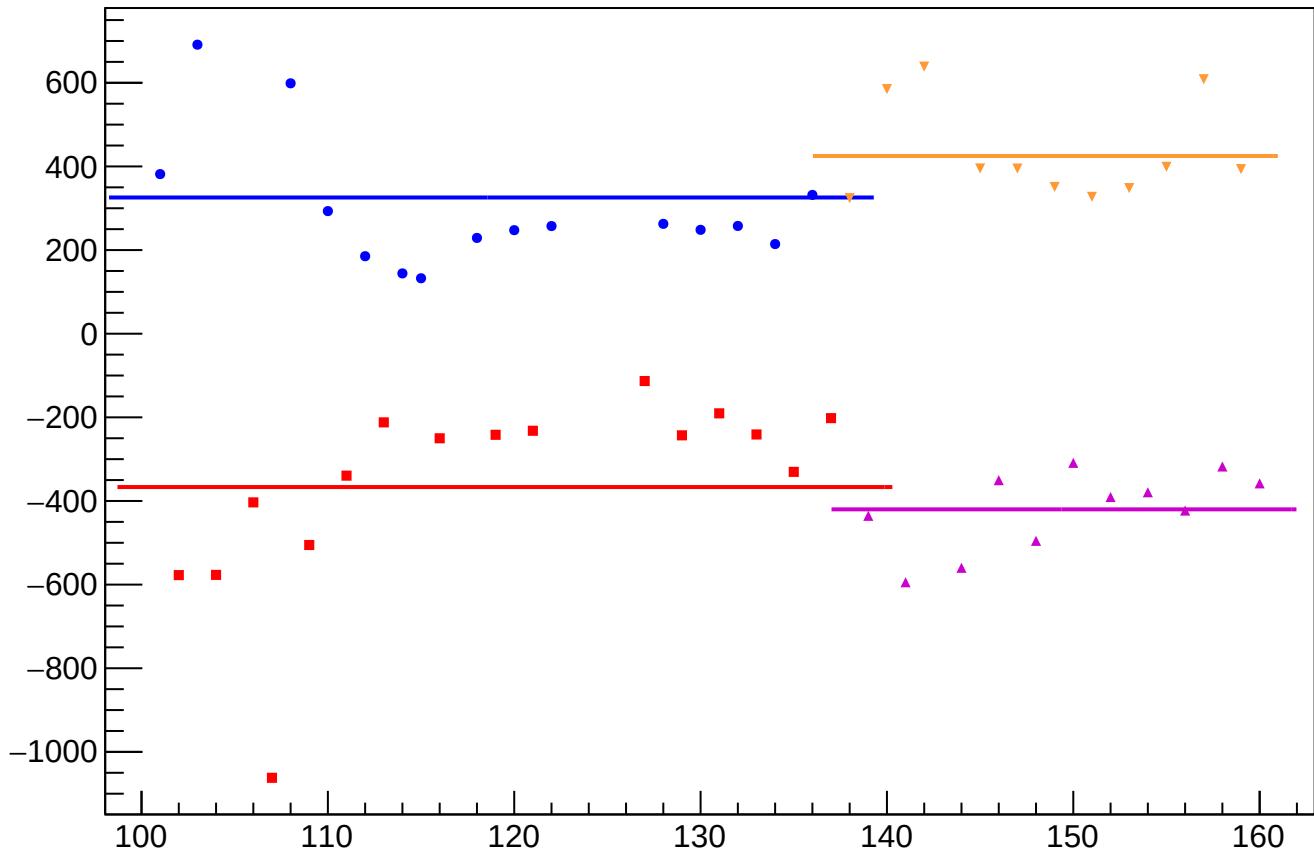
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4380.887+/-0.000 χ^2/NDF : 711929350796242872356445332084336099328.0/10
 Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: -4639.846+/-0.000 χ^2/NDF : 1058446303743243170530981239939506634752.0/10
 All: -295.959+/-0.000 χ^2/NDF : 67696469529

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732+/-0.000

χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 424.941+/-0.000

χ^2/NDF : 9621828673272649813383773272468881408.0/10

Right Out: -366.682+/-0.000

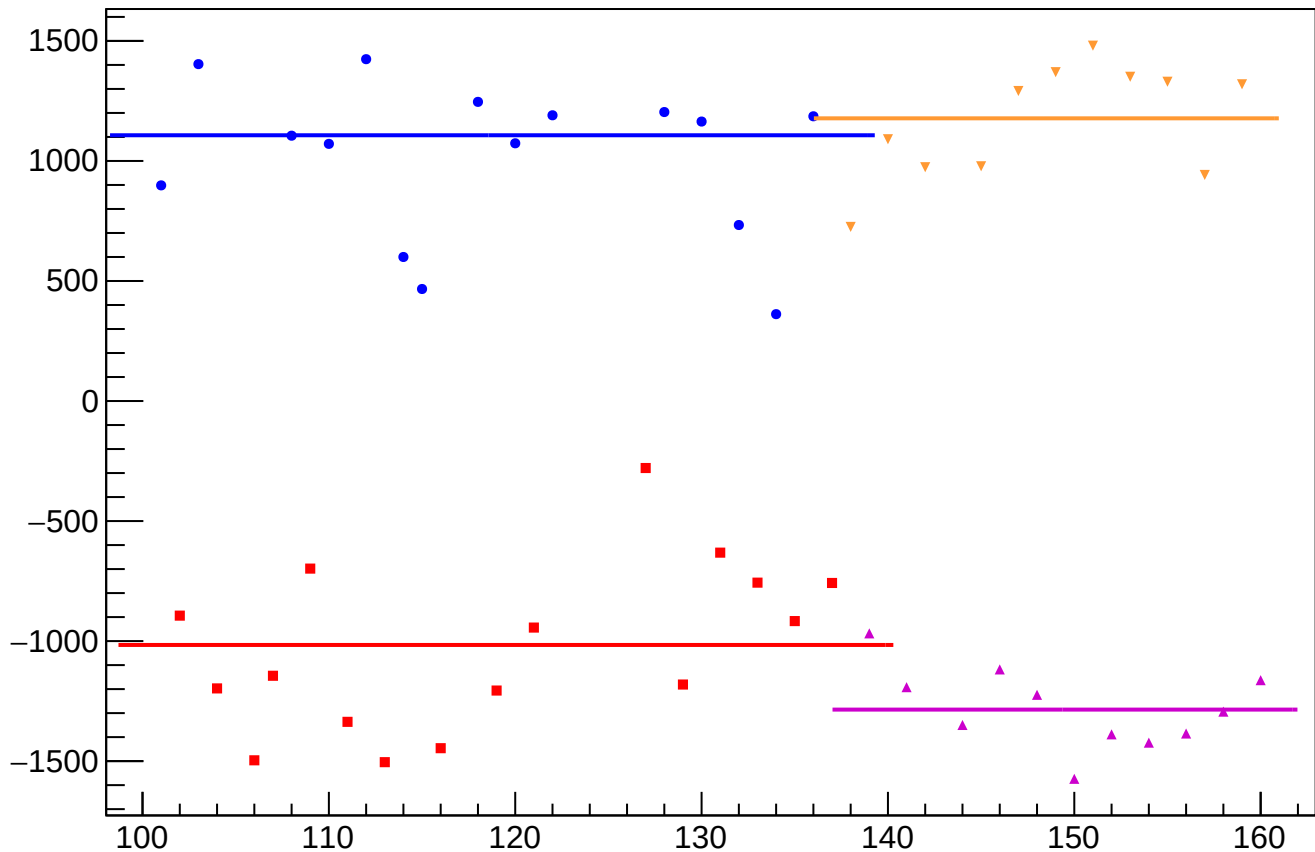
χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: -420.062+/-0.000

χ^2/NDF : 7706514276709269263404419491802644480.0/10

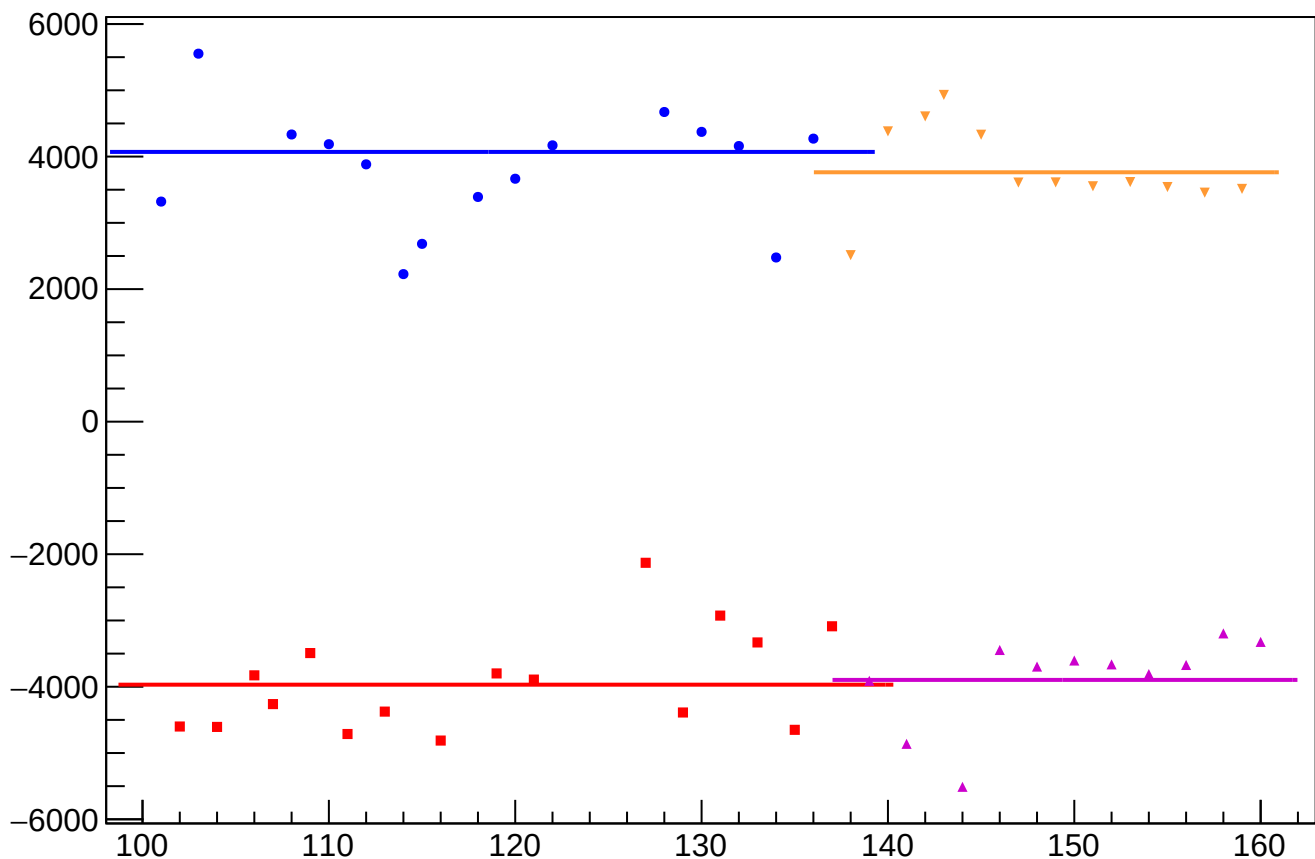
All: -19.455+/-0.000 χ^2/NDF : 537961516832

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1177.551 $\pm$ 0.000 χ^2/NDF : 43299032399354290264123483303178141696.0/10
 Right Out: -1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1285.364 $\pm$ 0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -47.257 $\pm$ 0.000 χ^2/NDF : 436288028349

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444+/-0.000

χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 3763.117+/-0.000

χ^2/NDF : 328830410494285997490635269622747627520.0/11

Right Out: -3968.723+/-0.000

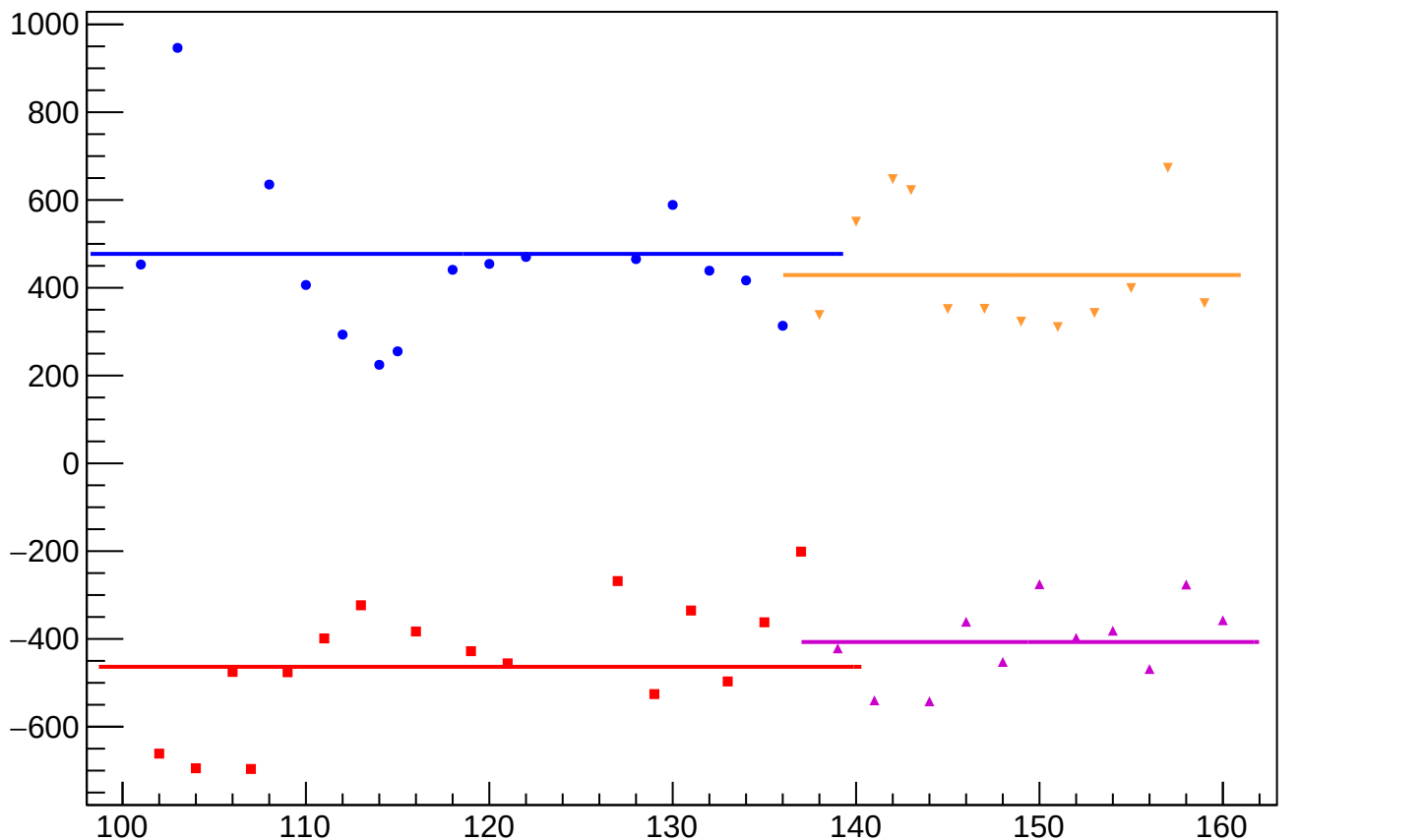
χ^2/NDF : 359955880326194784467353369492594884608.0/15

Left In: -3896.757+/-0.000

χ^2/NDF : 412530714584693730225130204014353317888.0/10

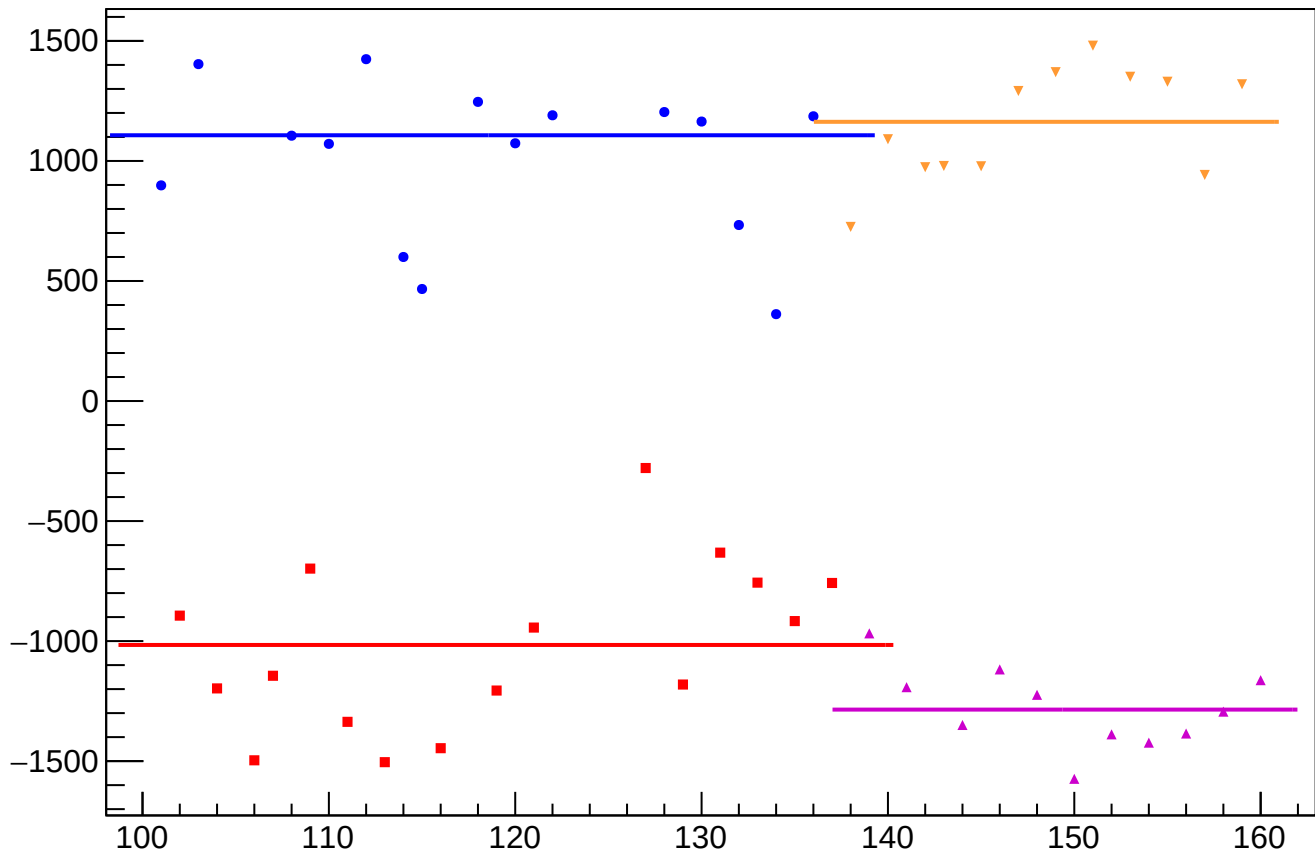
All: -49.175+/-0.000 χ^2/NDF : 497120475909

dit_usr_coil4_err_mean vs Slug, Sign Corrected



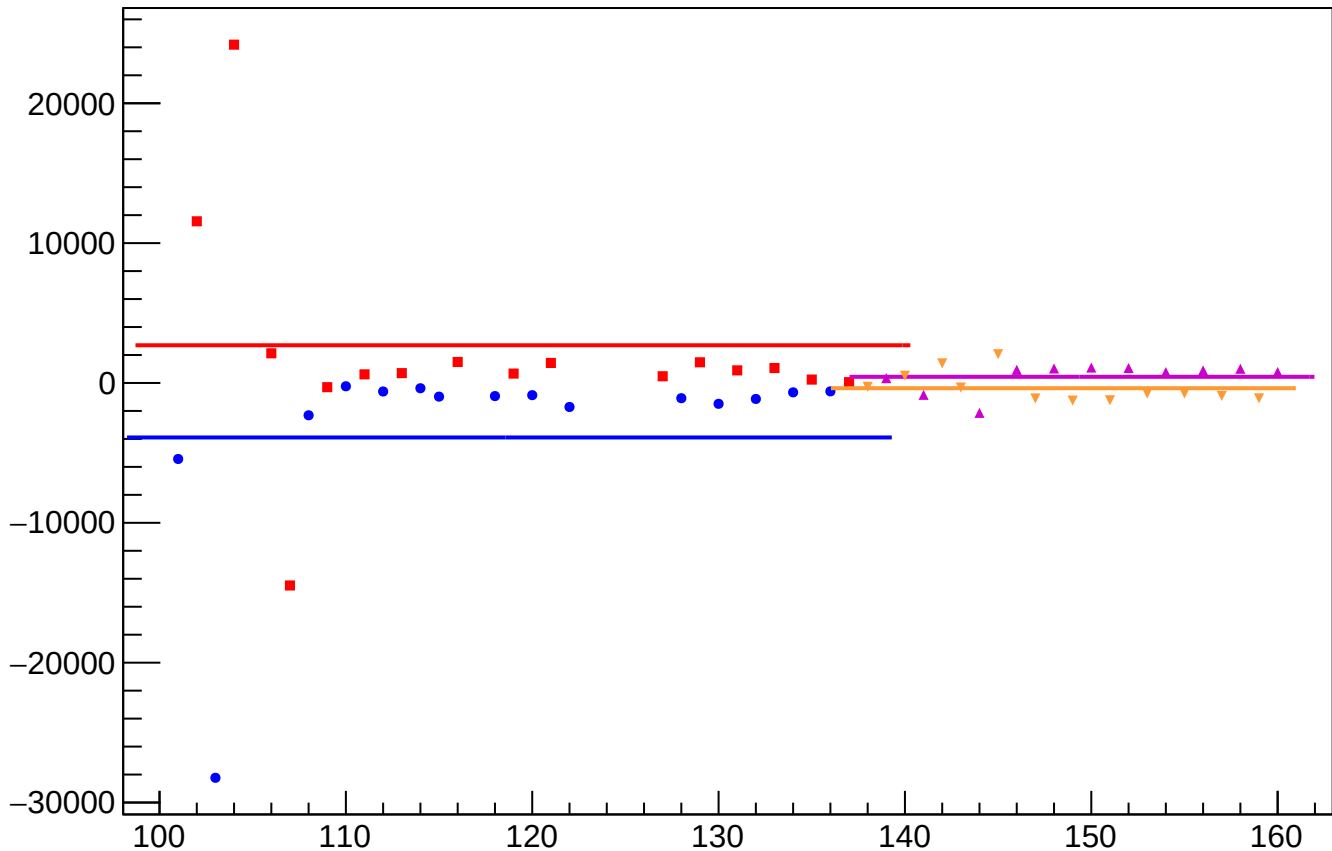
Right In: 477.186 $\pm$ 0.000 χ^2 /NDF: 20455719931758379978892605184974782464.0/14
 Left Out: 428.977 $\pm$ 0.000 χ^2 /NDF: 15293827786065679931988484454692683776.0/11
 Right Out: -463.513 $\pm$ 0.000 χ^2 /NDF: 12556777931069903370031832388184571904.0/15
 Left In: -406.990 $\pm$ 0.000 χ^2 /NDF: 7014219134688394471330081136711827456.0/10
 All: 5.652 $\pm$ 0.000 χ^2 /NDF: 66810194578541

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: -65.811+/-0.000	χ^2/NDF : 2828784455009896
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 7256766433509192712184310037150171136.0/15	In: -298.283+/-0.000	χ^2/NDF : 2246669587664541
Left In: -1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10	Out: 245.439+/-0.000	χ^2/NDF : 1951966106757194
		All: -25.475+/-0.000	χ^2/NDF : 443196140049

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522+/-0.000

χ^2/NDF : 39618598516481020448248440670012984786944.0/14

Left Out: -374.202+/-0.000

χ^2/NDF : 945868175144673963133070381135496740864.0/11

Right Out: 2695.992+/-0.000

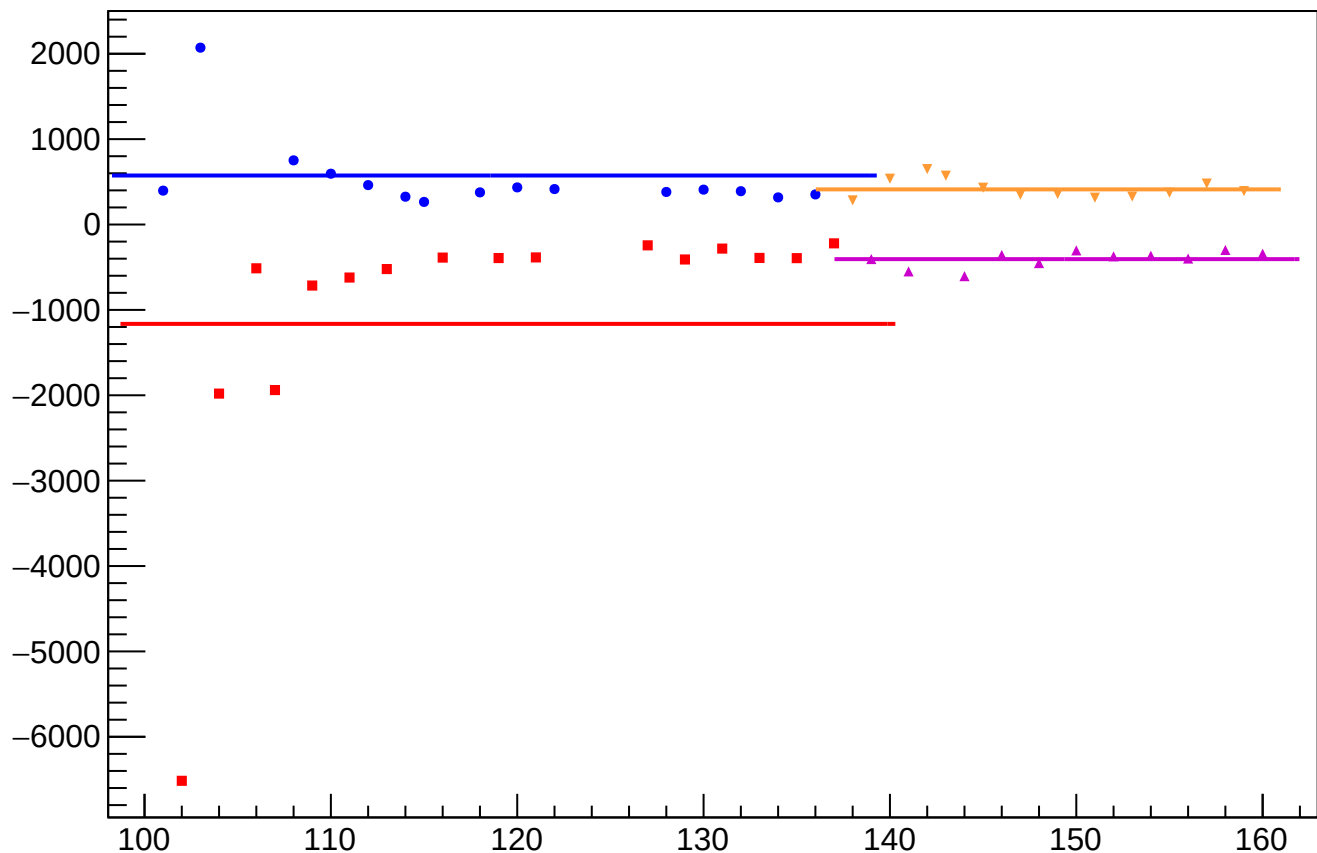
χ^2/NDF : 40822463071462352124212058386591729582080.0/15

Left In: 439.289+/-0.000

χ^2/NDF : 921031566733723872829454078558930468864.0/10

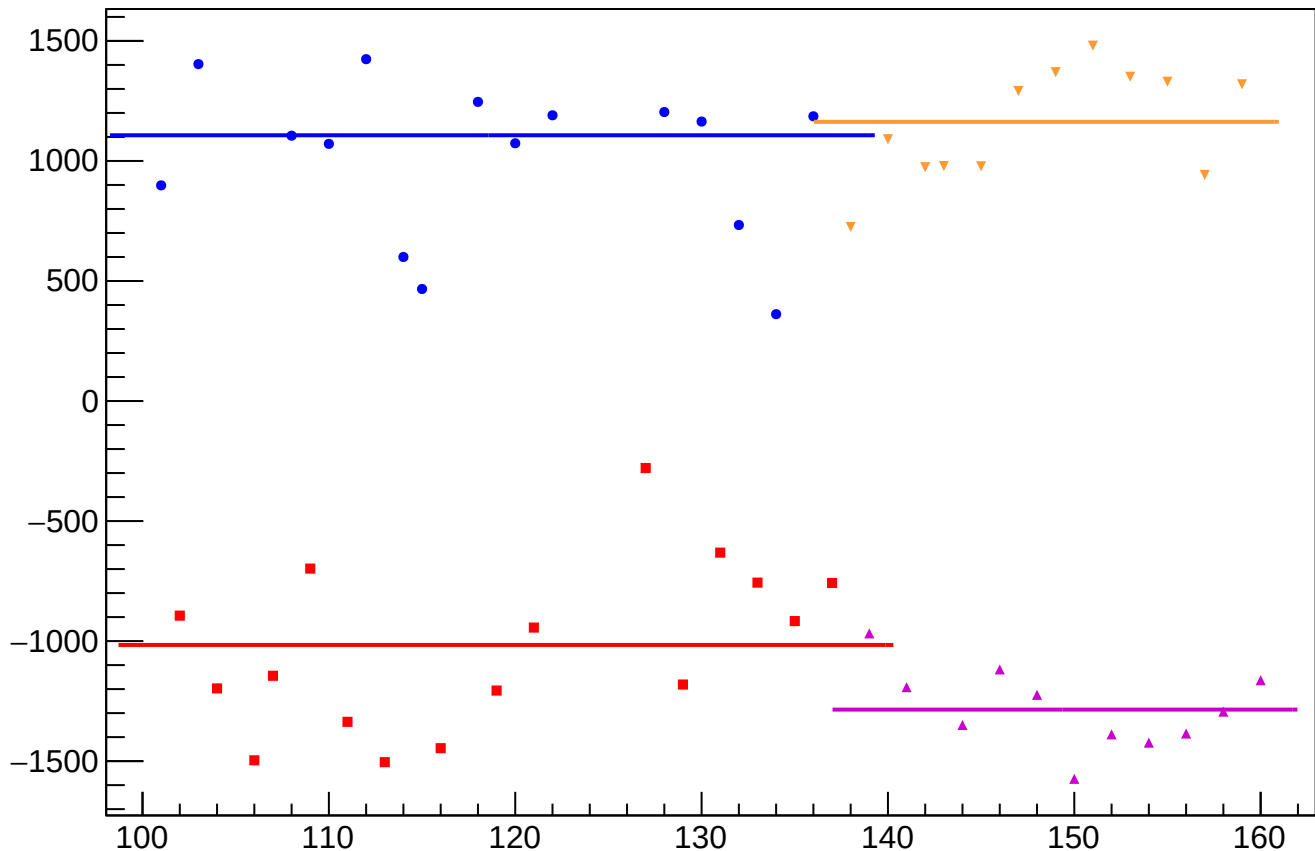
All: -211.548+/-0.000 χ^2/NDF : 97175088373

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



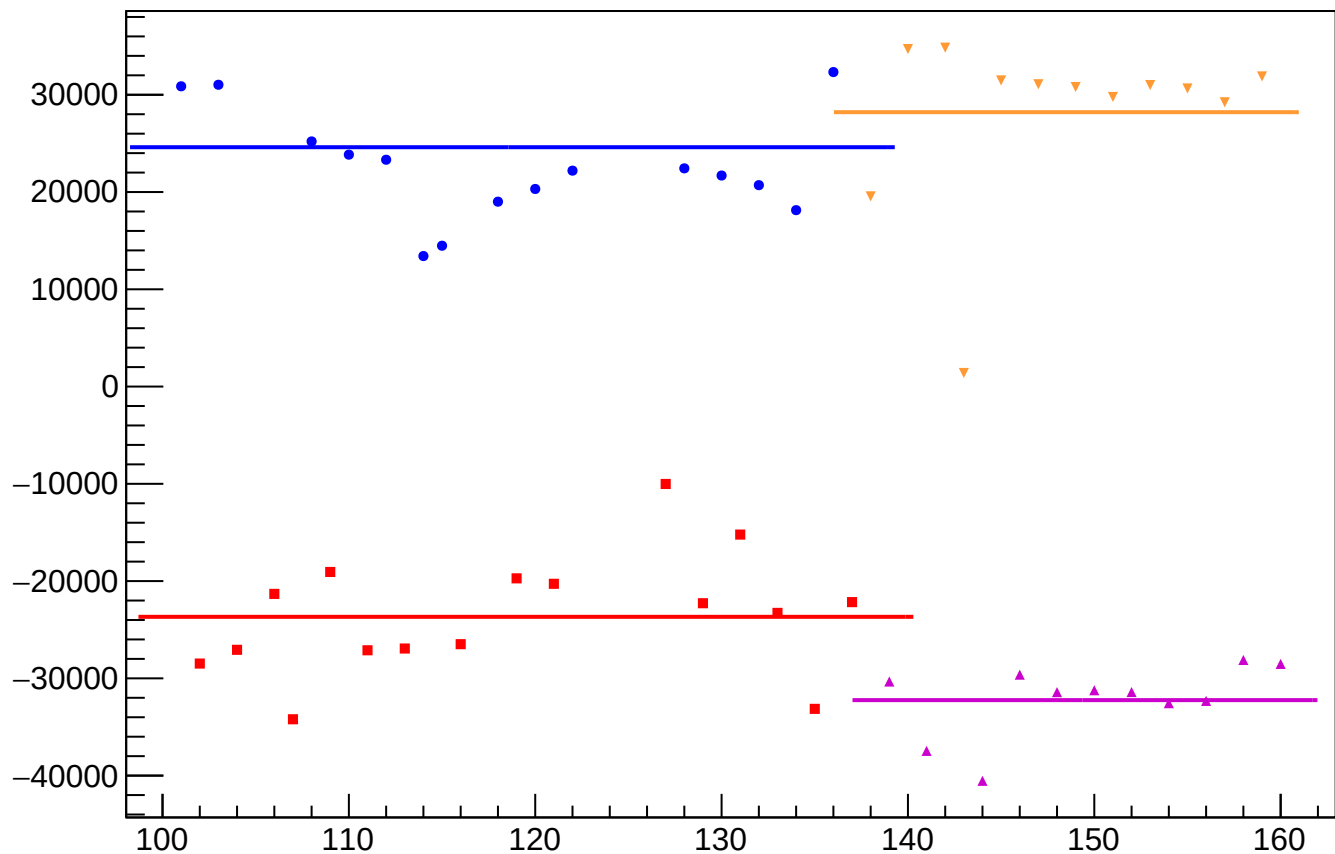
Right In: 574.055 ± 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 411.666 ± 0.000 χ^2/NDF : 9310753562046919070067621560894619648.0/11
 Right Out: -1163.697 ± 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: -405.371 ± 0.000 χ^2/NDF : 8096374045117906535343483577494929408.0/10
 All: -126.921 ± 0.000 χ^2/NDF : 35462064871

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



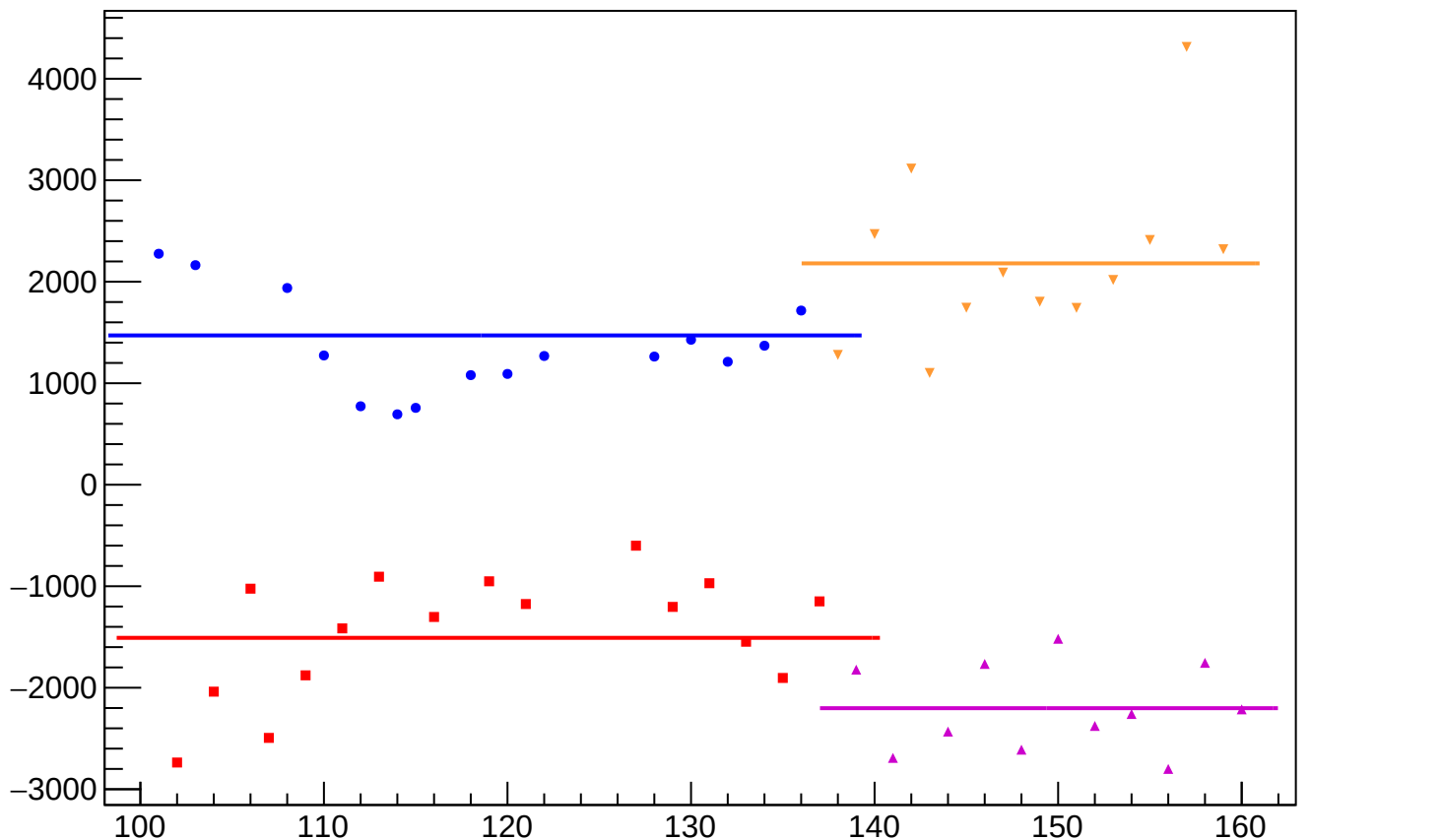
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: -65.811+/-0.000	χ^2/NDF : 2828784455009896
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 7256766433509192712184310037150171136.0/15	In: -298.283+/-0.000	χ^2/NDF : 2246669587664541
Left In: -1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10	Out: 245.439+/-0.000	χ^2/NDF : 1951966106757194
		All: -25.475+/-0.000	χ^2/NDF : 443196140049

dit_atl2_coil4_mean vs Slug, Sign Corrected



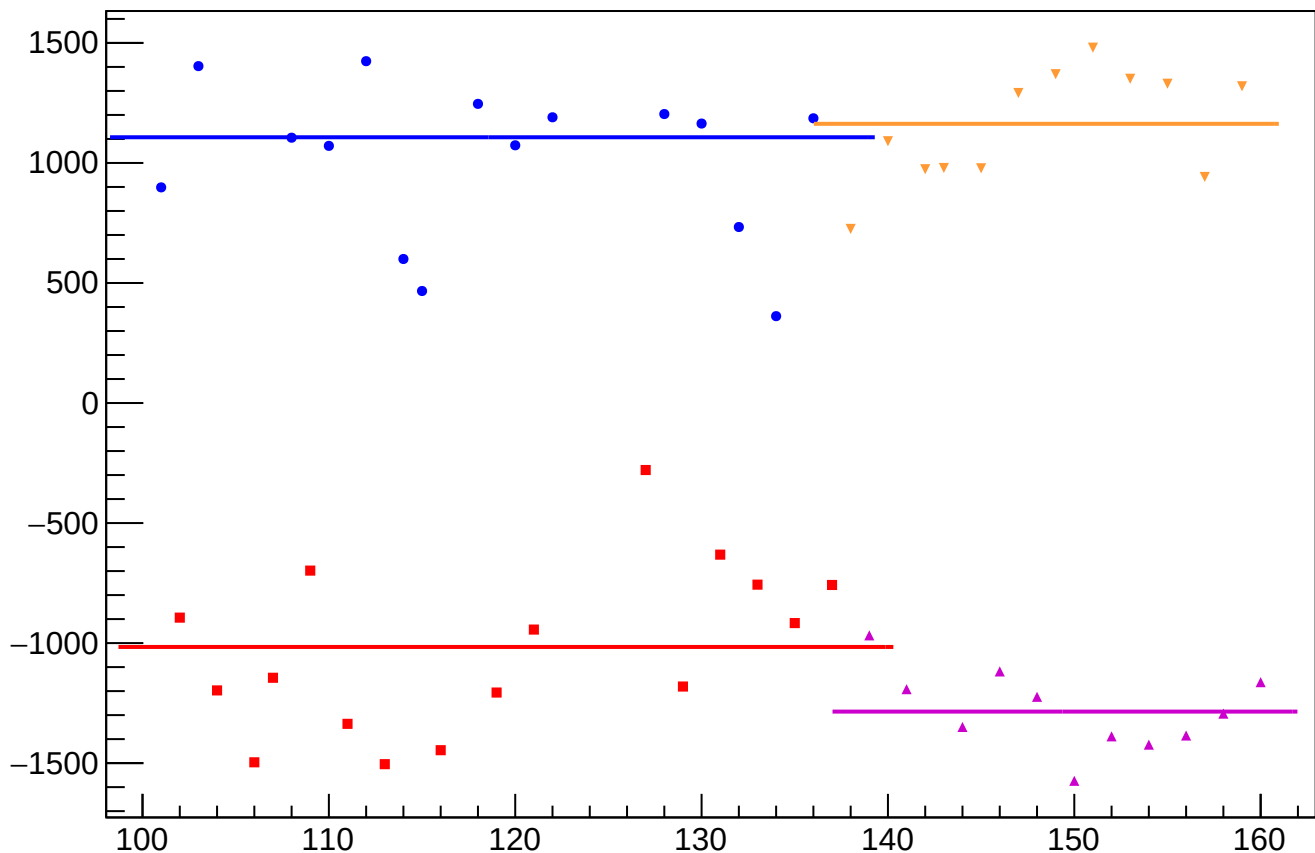
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 28209.767+/-0.000 χ^2/NDF : 64052588208815786501271136154217957294080.0/11
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -32239.303+/-0.000 χ^2/NDF : 11931397875663177142812829998803541032960.0/10
 All: -1184.729+/-0.000 χ^2/NDF : 2570905684

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



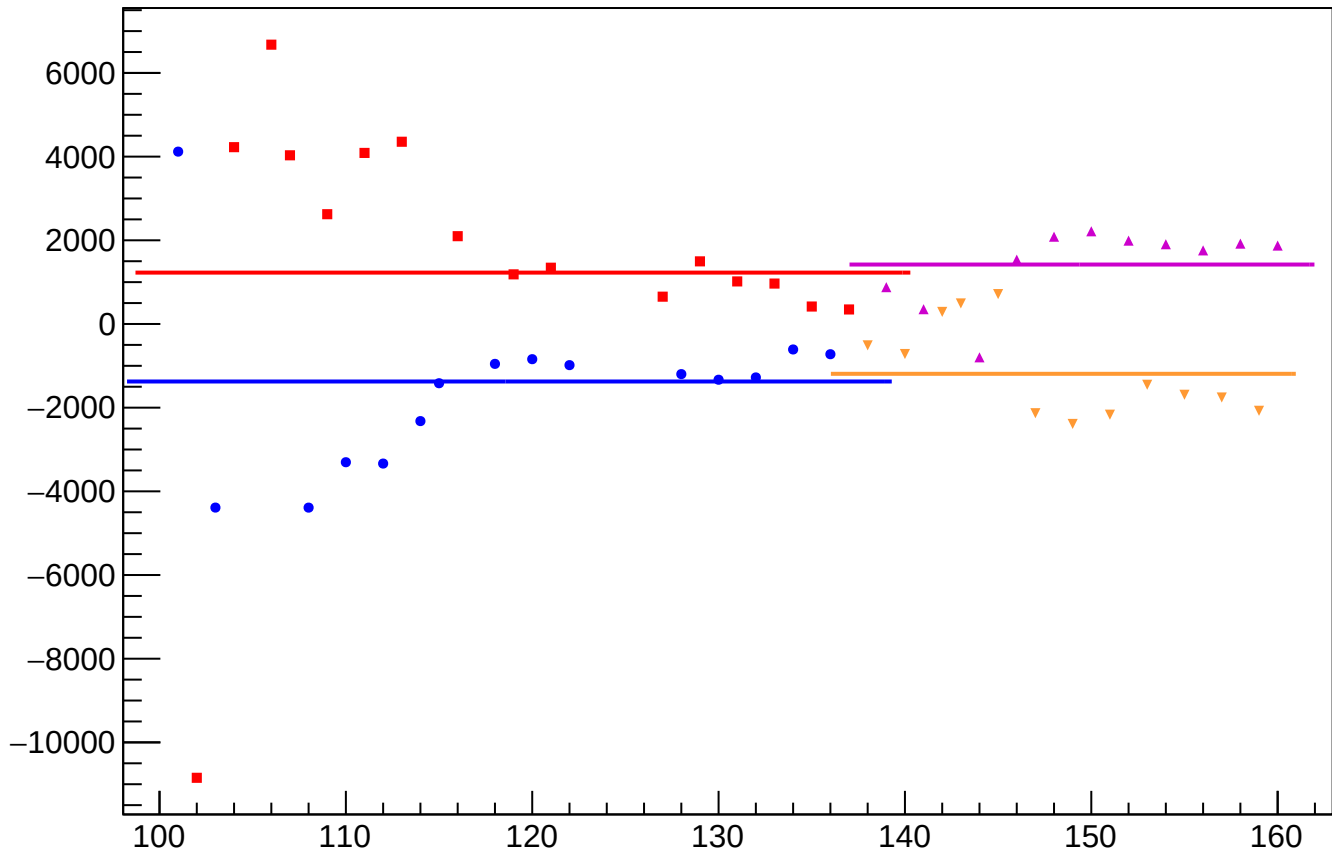
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 2180.972+/-0.000 χ^2/NDF : 598703226121999788747151174026347413504.0/11
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2201.571+/-0.000 χ^2/NDF : 156929124179690930619030229097962799104.0/10
 All: -27.145+/-0.000 χ^2/NDF : 129051743087

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: -1374.510+/-0.000

Left Out: -1191.069+/-0.000

Right Out: 1227.879+/-0.000

Left In: 1420.806+/-0.000

χ^2/NDF : 3072775774026573120755024580495322120192.0/14

χ^2/NDF : 1015662132878322627077441101495867015168.0/11

χ^2/NDF : 11115312999926623396466450218448622452736.0/15

χ^2/NDF : 747987085785920162637916932217361137664.0/10

Left: 119.834+/-0.000 χ^2/NDF : 49033799943357671

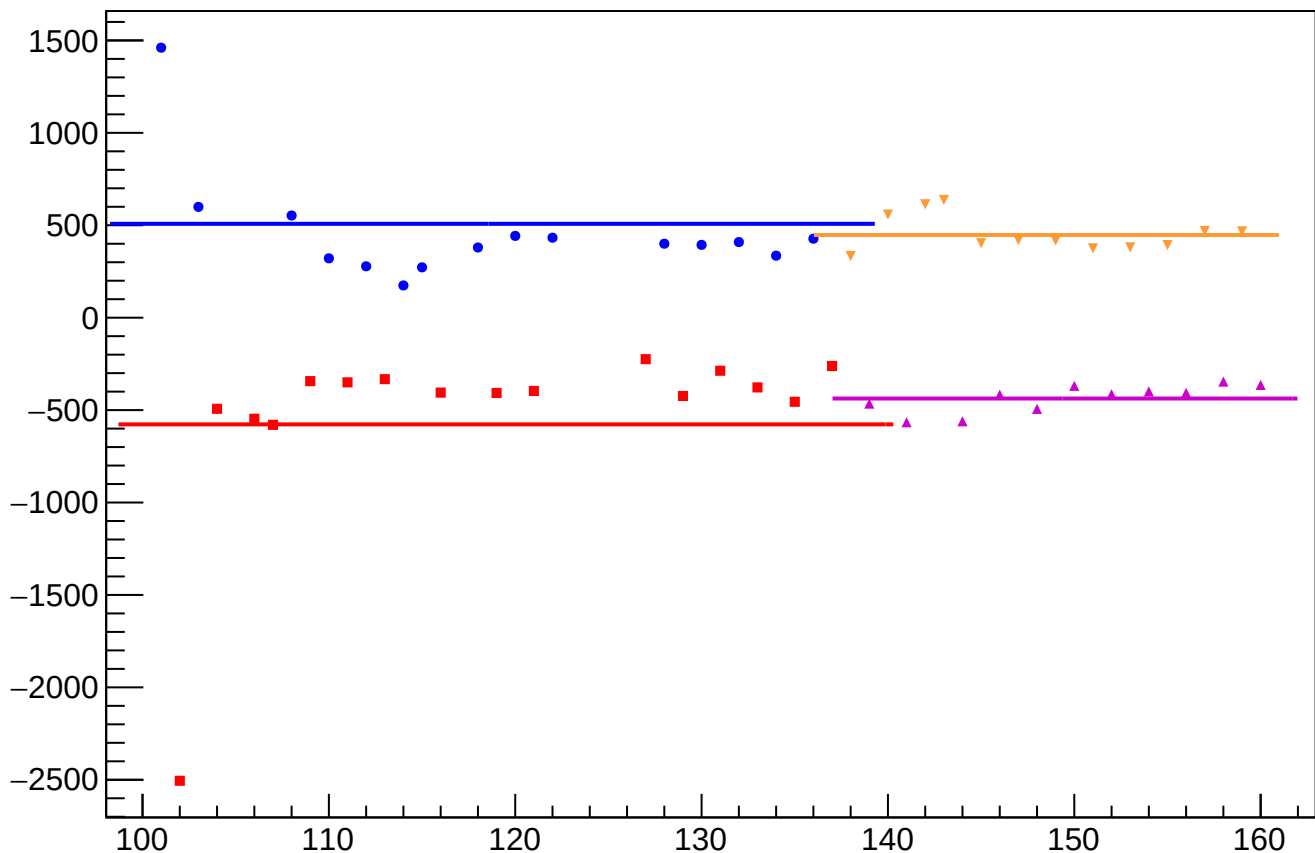
Right: -55.518+/-0.000 χ^2/NDF : 164158010761557

In: 267.494+/-0.000 χ^2/NDF : 67996212905624210

Out: -172.484+/-0.000 χ^2/NDF : 143903749815765

All: 46.739+/-0.000 χ^2/NDF : 2134277804715

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 507.809+/-0.000

χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 447.436+/-0.000

χ^2/NDF : 7069072028969774638688985742751825920.0/11

Right Out: -577.250+/-0.000

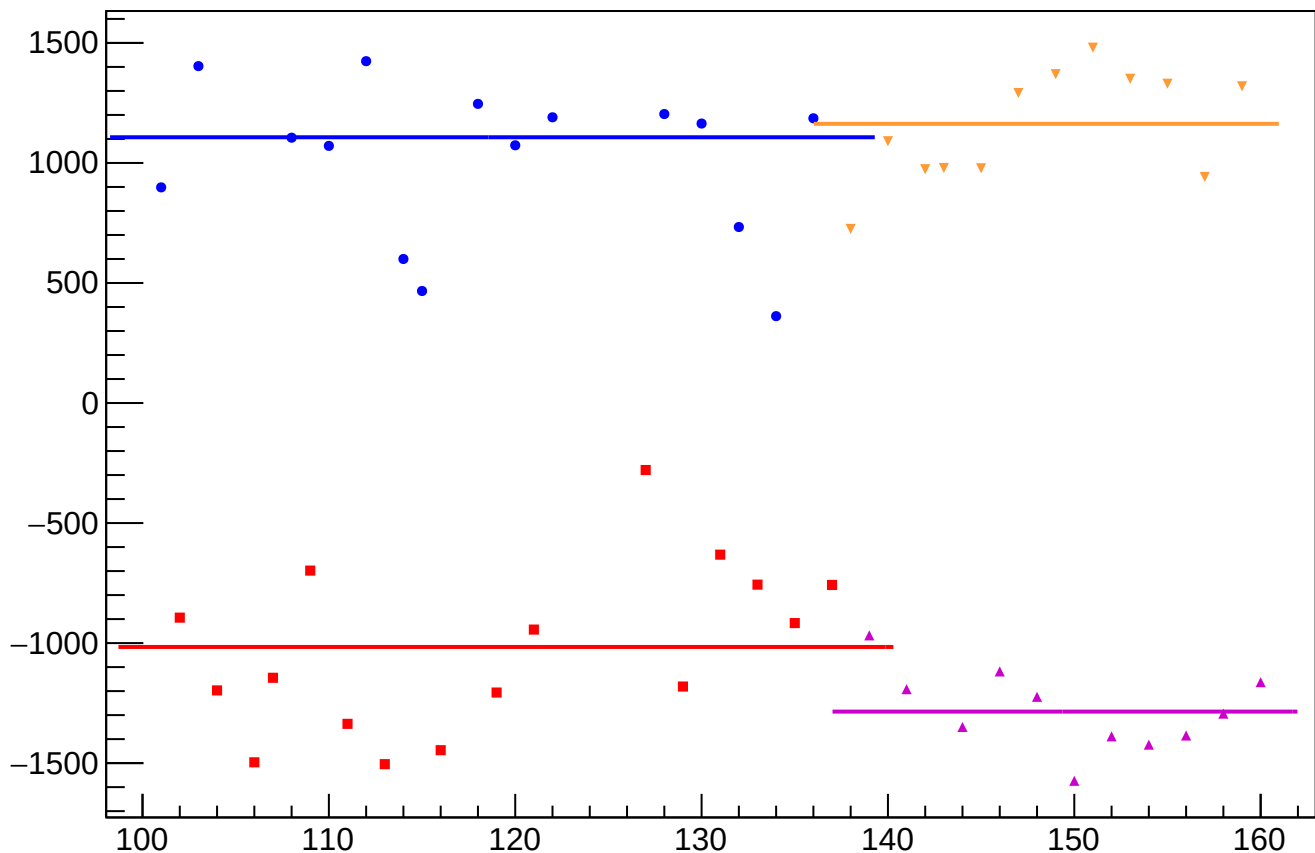
χ^2/NDF : 241288780642623391683958641535574081536.0/15

Left In: -437.315+/-0.000

χ^2/NDF : 4874677524968742275560761293986070528.0/10

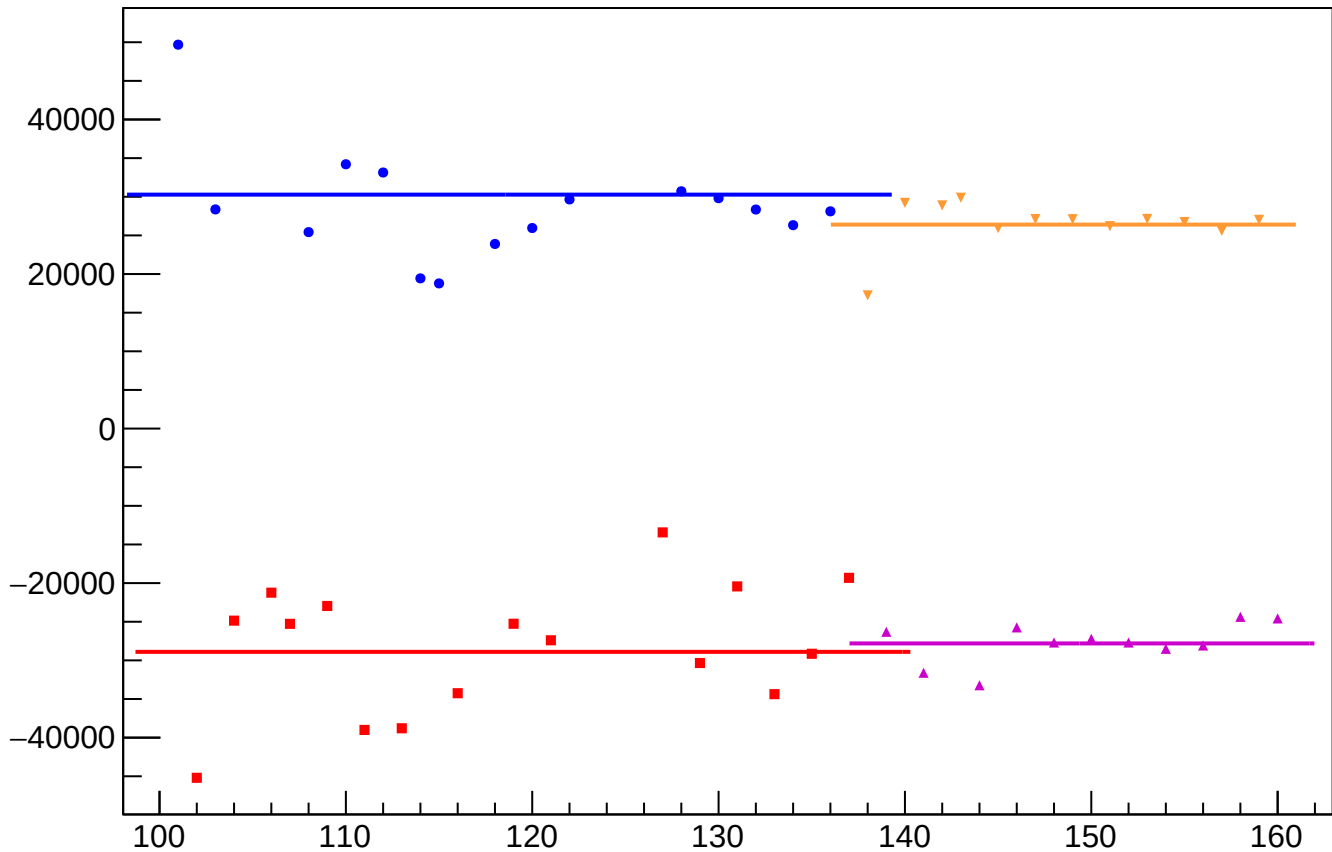
All: -15.597+/-0.000 χ^2/NDF : 106651113090

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



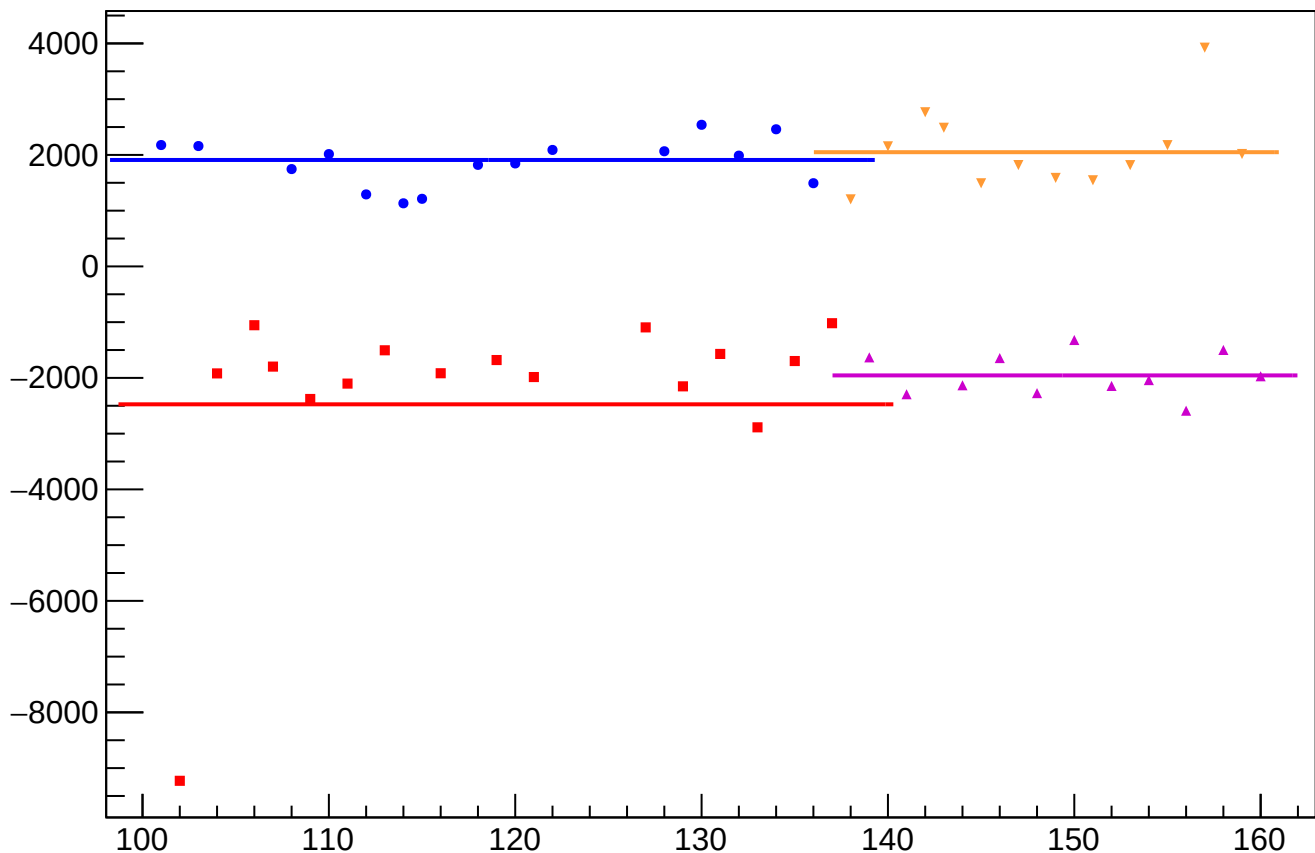
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_atr2_coil4_mean vs Slug, Sign Corrected



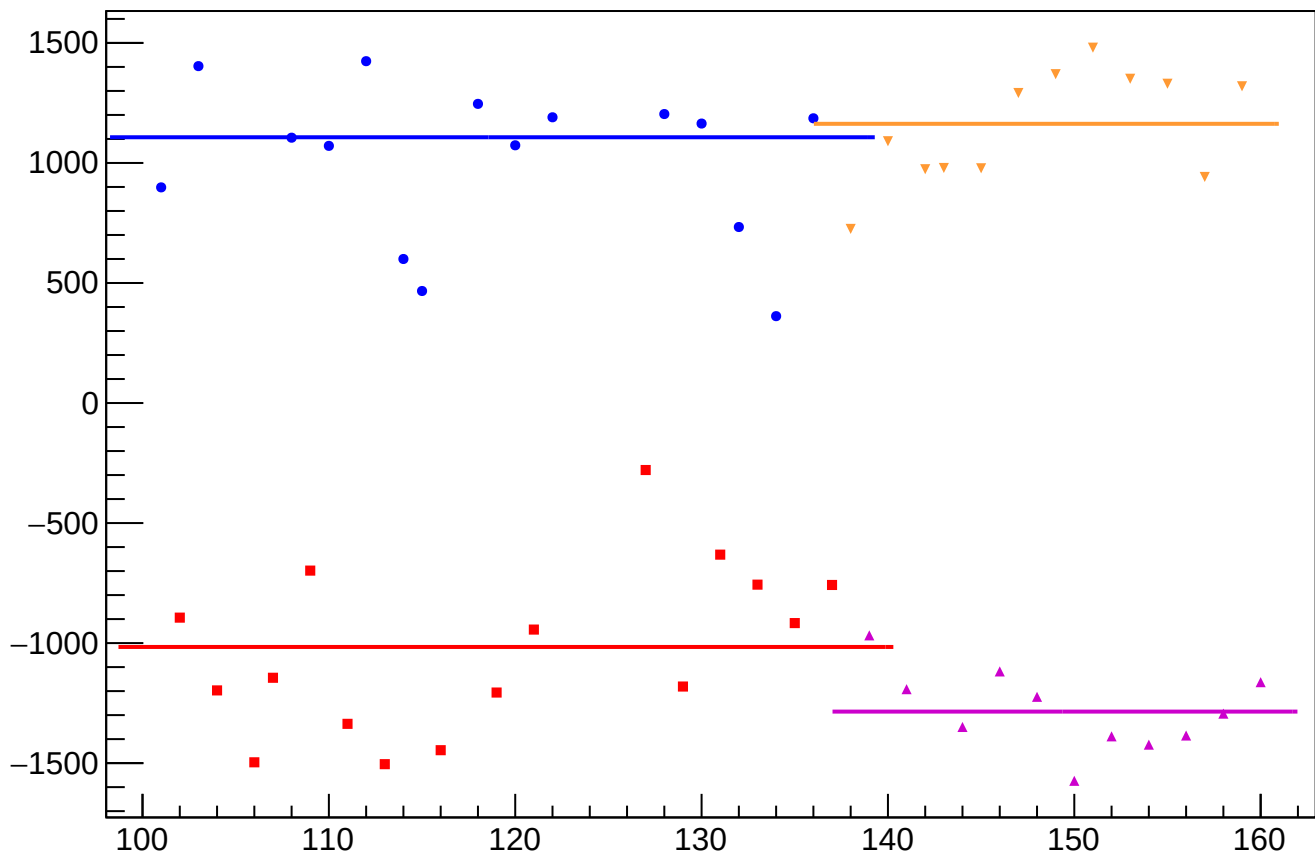
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26400.073+/-0.000 χ^2/NDF : 8523453532066542574243439899008376504320.0/11
 Right Out: -28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: -27807.237+/-0.000 χ^2/NDF : 6193058620219899678835139815803642183680.0/10
 All: -351.178+/-0.000 χ^2/NDF : 25977693003

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



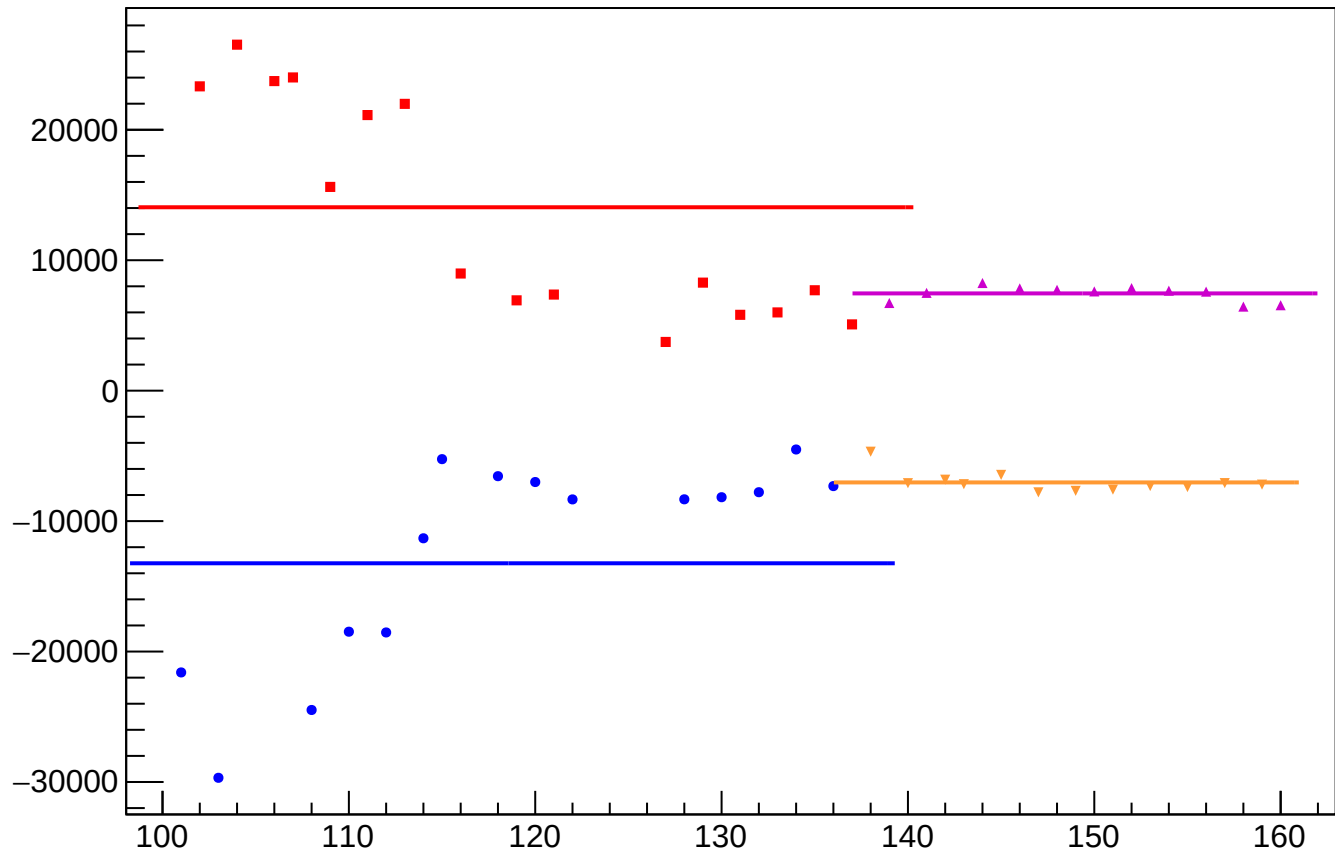
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 2049.063+/-0.000 χ^2/NDF : 443721100999295515672674036348509749248.0/11
 Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: -1955.312+/-0.000 χ^2/NDF : 126909052383838166035294082177347616768.0/10
 All: -107.266+/-0.000 χ^2/NDF : 17487329271

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	Left: -65.811+/-0.000	χ^2/NDF : 2828784455009896
Left Out: 1163.051+/-0.000	χ^2/NDF : 45744768397049445452124121981603807232.0/11	Right: 30.953+/-0.000	χ^2/NDF : 1595991371539270
Right Out: -1016.106+/-0.000	χ^2/NDF : 7256766433509192712184310037150171136.0/15	In: -298.283+/-0.000	χ^2/NDF : 2246669587664541
Left In: -1285.364+/-0.000	χ^2/NDF : 24002572803732345959736048095514853376.0/10	Out: 245.439+/-0.000	χ^2/NDF : 1951966106757194
		All: -25.475+/-0.000	χ^2/NDF : 443196140049

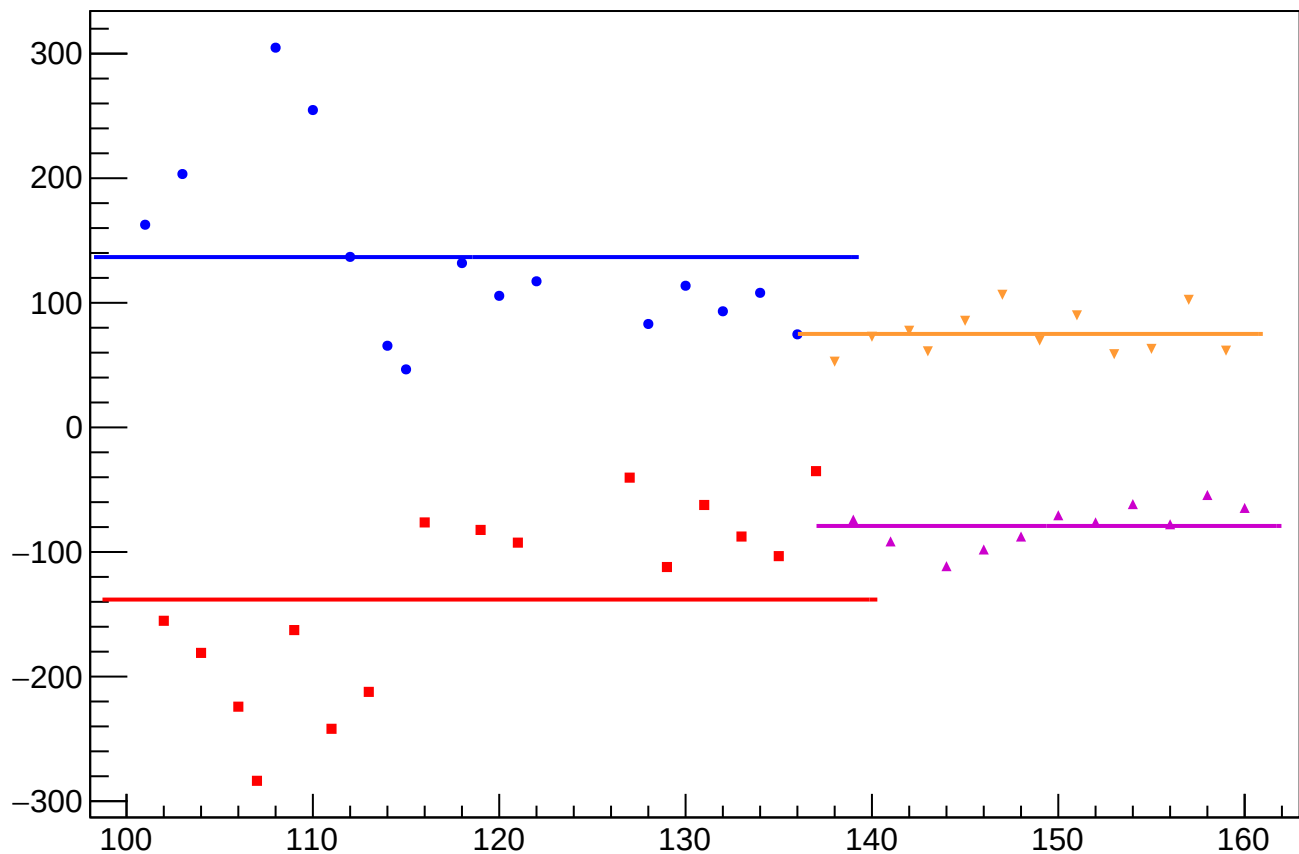
dit_sam1_coil4_mean vs Slug, Sign Corrected



Left: 238.400+/-0.000 χ^2/NDF : 9751063726876122
 Right: 600.026+/-0.000 χ^2/NDF : 330784909470012
 In: -1080.099+/-0.000 χ^2/NDF : 204729341611961
 Out: 1848.185+/-0.000 χ^2/NDF : 216898943456081
 All: 389.145+/-0.000 χ^2/NDF : 428395904948

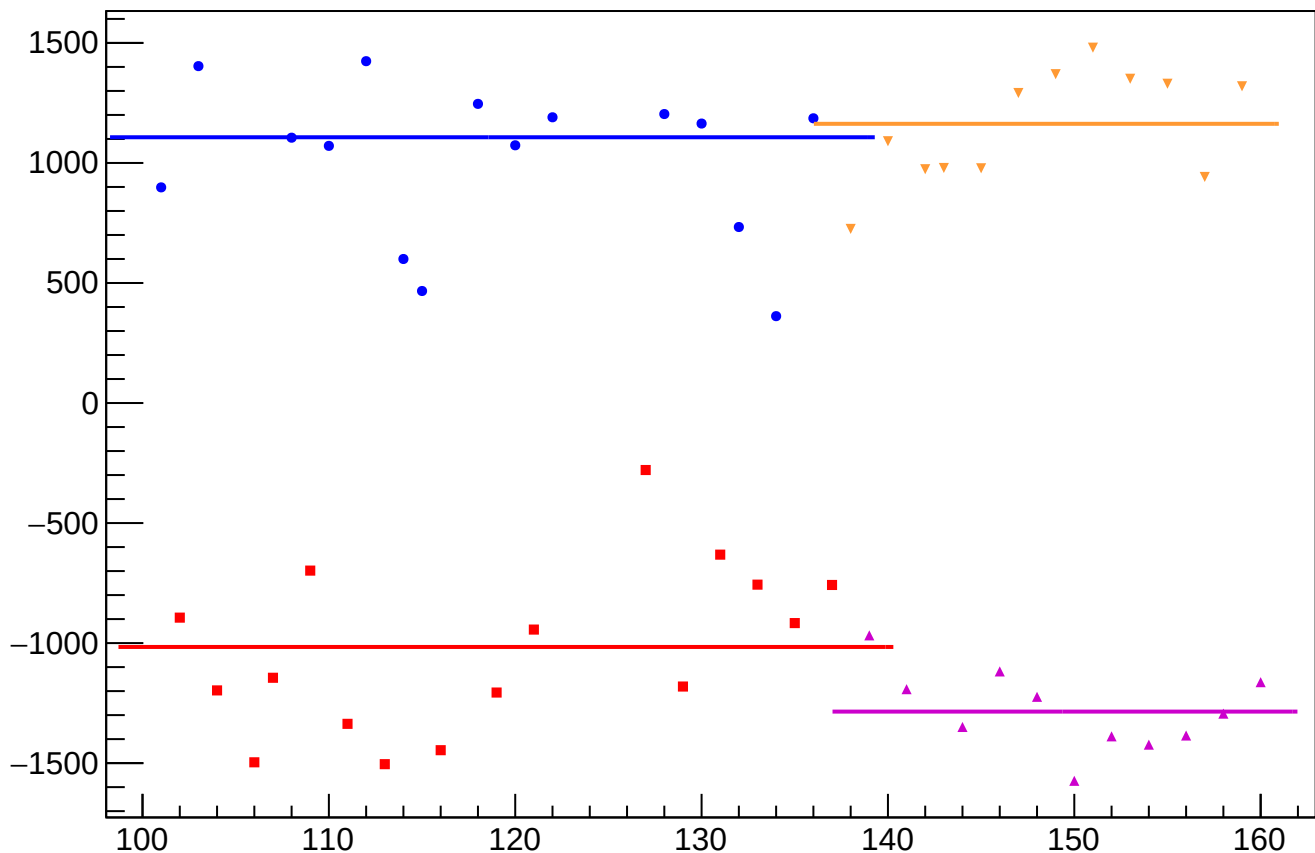
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -7034.420+/-0.000 χ^2/NDF : 586087700252049179265432435380023459840.0/11
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7456.124+/-0.000 χ^2/NDF : 284554324589778558842129447316923351040.0/10

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



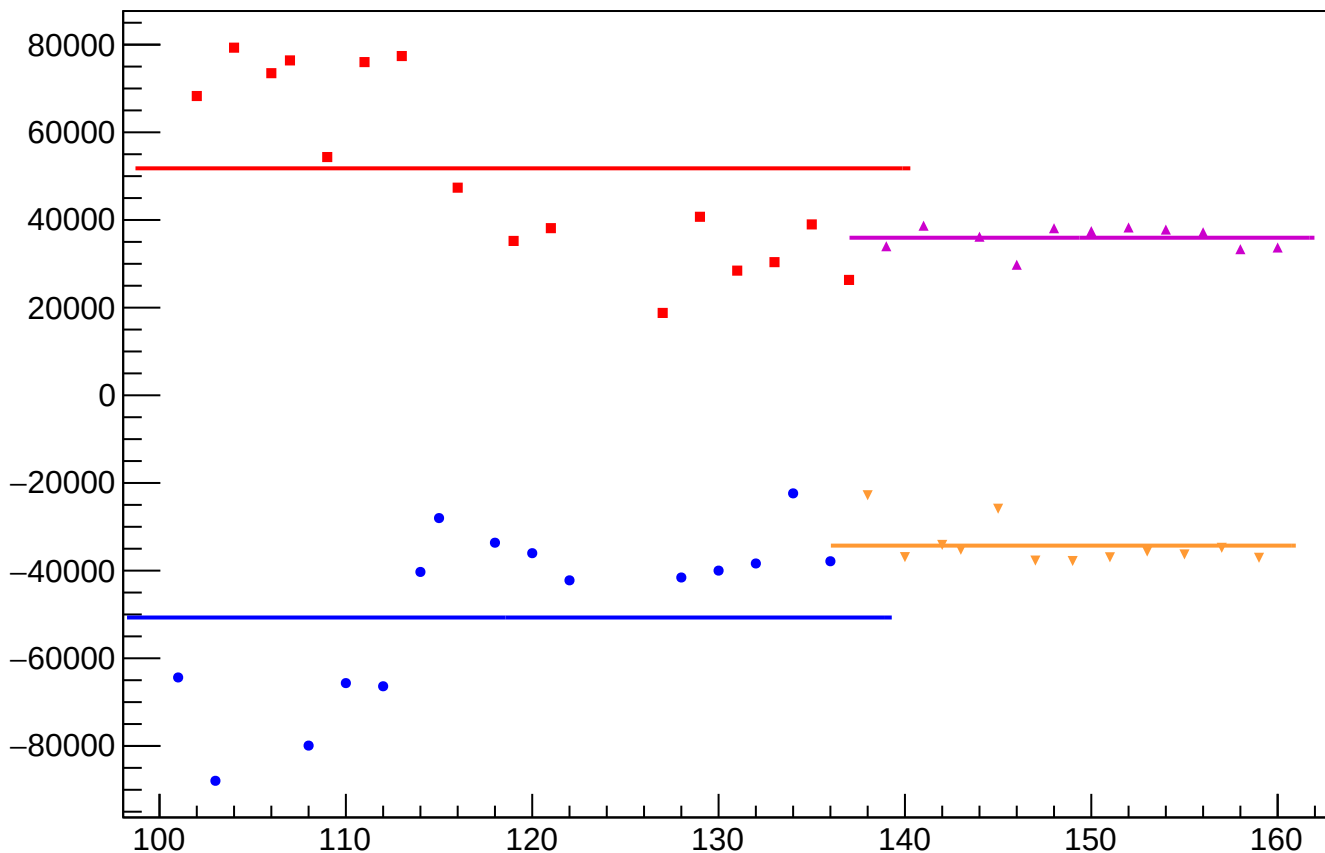
Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14
 Left Out: 75.033 $\pm$ 0.000 χ^2 /NDF: 265697800274954088415608872374370304.0/11
 Right Out: -138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15
 Left In: -79.096 $\pm$ 0.000 χ^2 /NDF: 243975342218114768326270780809674752.0/10
 All: -2.445 $\pm$ 0.000 χ^2 /NDF: 4221727121021

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424+/-0.000

Left Out: -34292.100+/-0.000

Right Out: 51783.912+/-0.000

Left In: 35949.660+/-0.000

χ^2/NDF : 226613585253908576683077761132188355526656.0/14

χ^2/NDF : 20273129403990820789866105908116664090624.0/11

χ^2/NDF : 281789617729131996271154198472617478848512.0/15

χ^2/NDF : 6535777806152232441815832130596699635712.0/10

Left: 962.319+/-0.000 χ^2/NDF : 2297605791567623

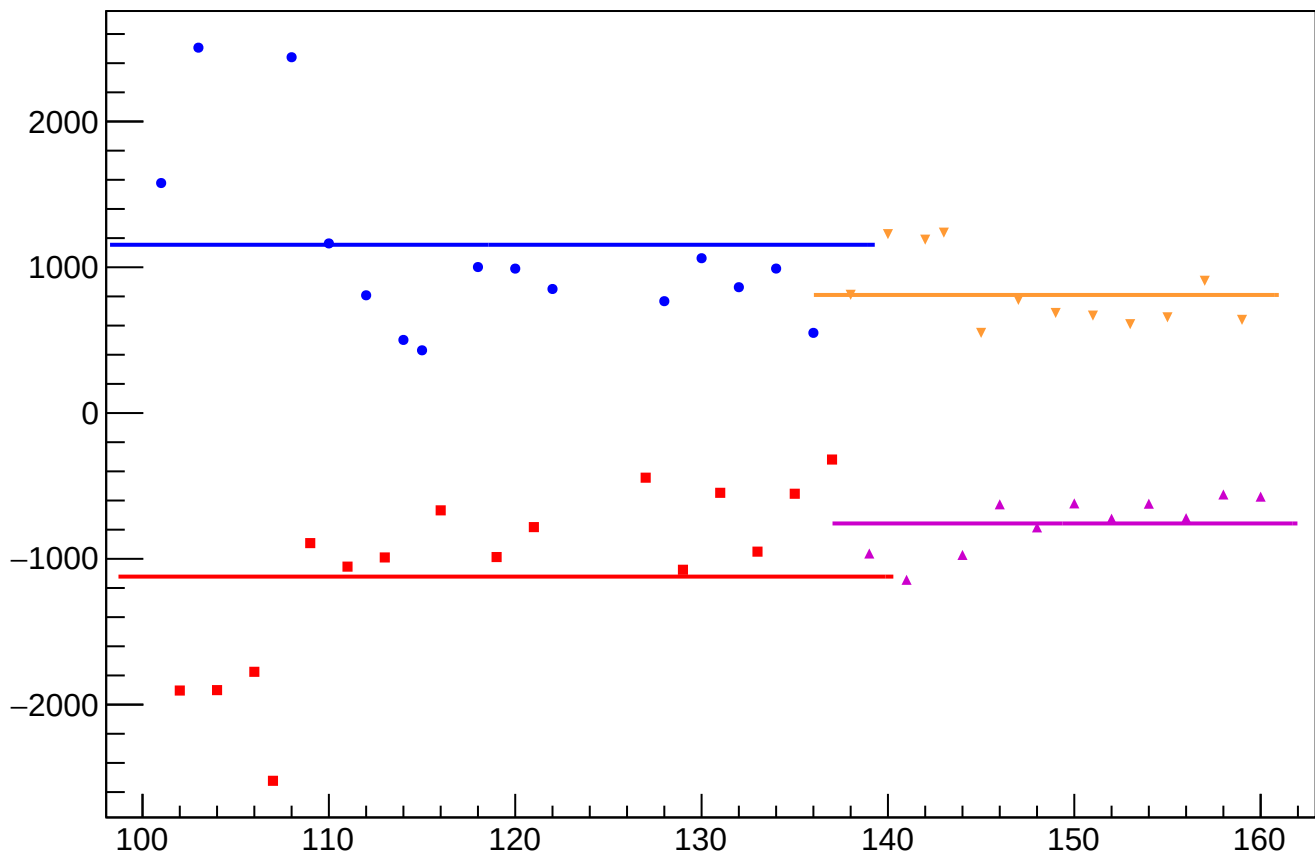
Right: 1245.090+/-0.000 χ^2/NDF : 39629195371379

In: 200.989+/-0.000 χ^2/NDF : 309519005844449410

Out: 1953.291+/-0.000 χ^2/NDF : 316297321958790

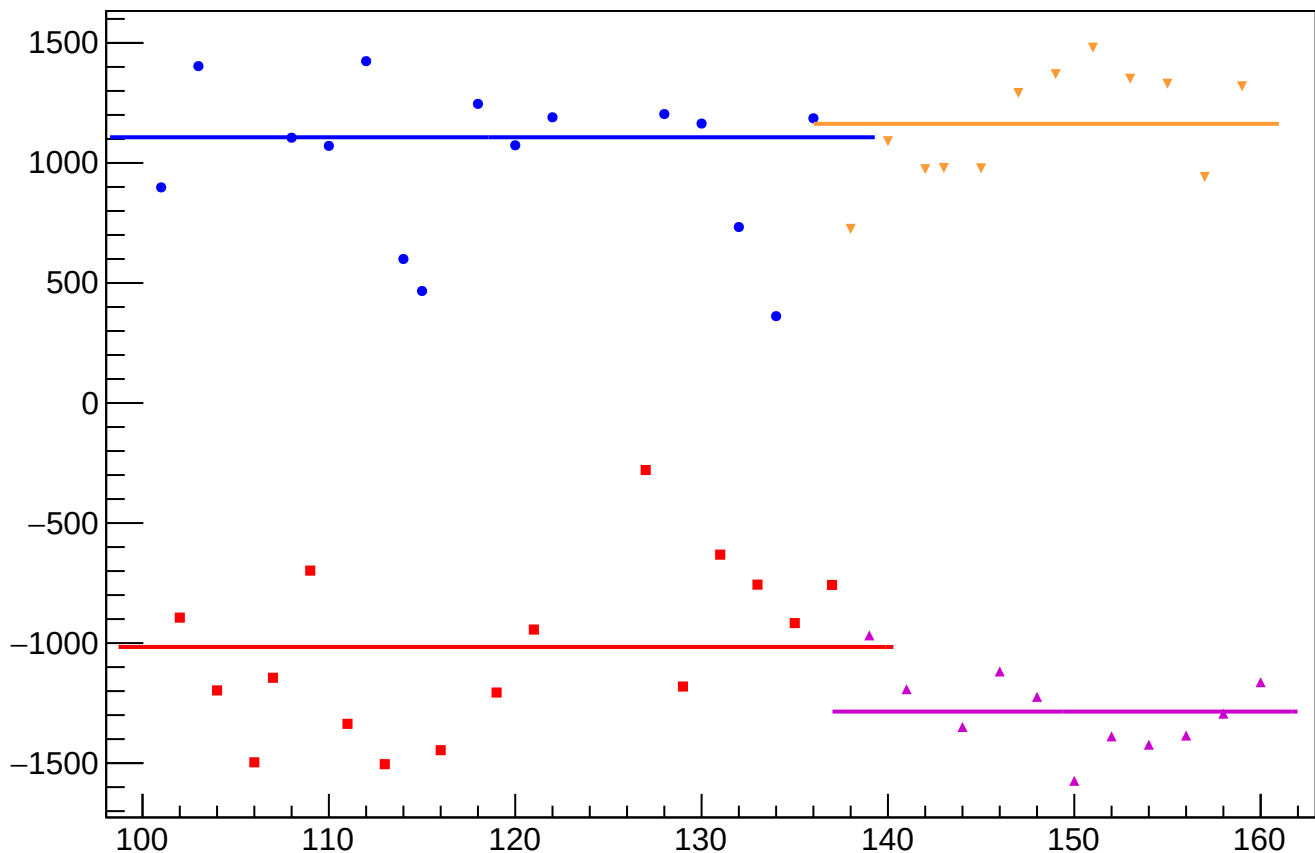
All: 1080.193+/-0.000 χ^2/NDF : 62605866913

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



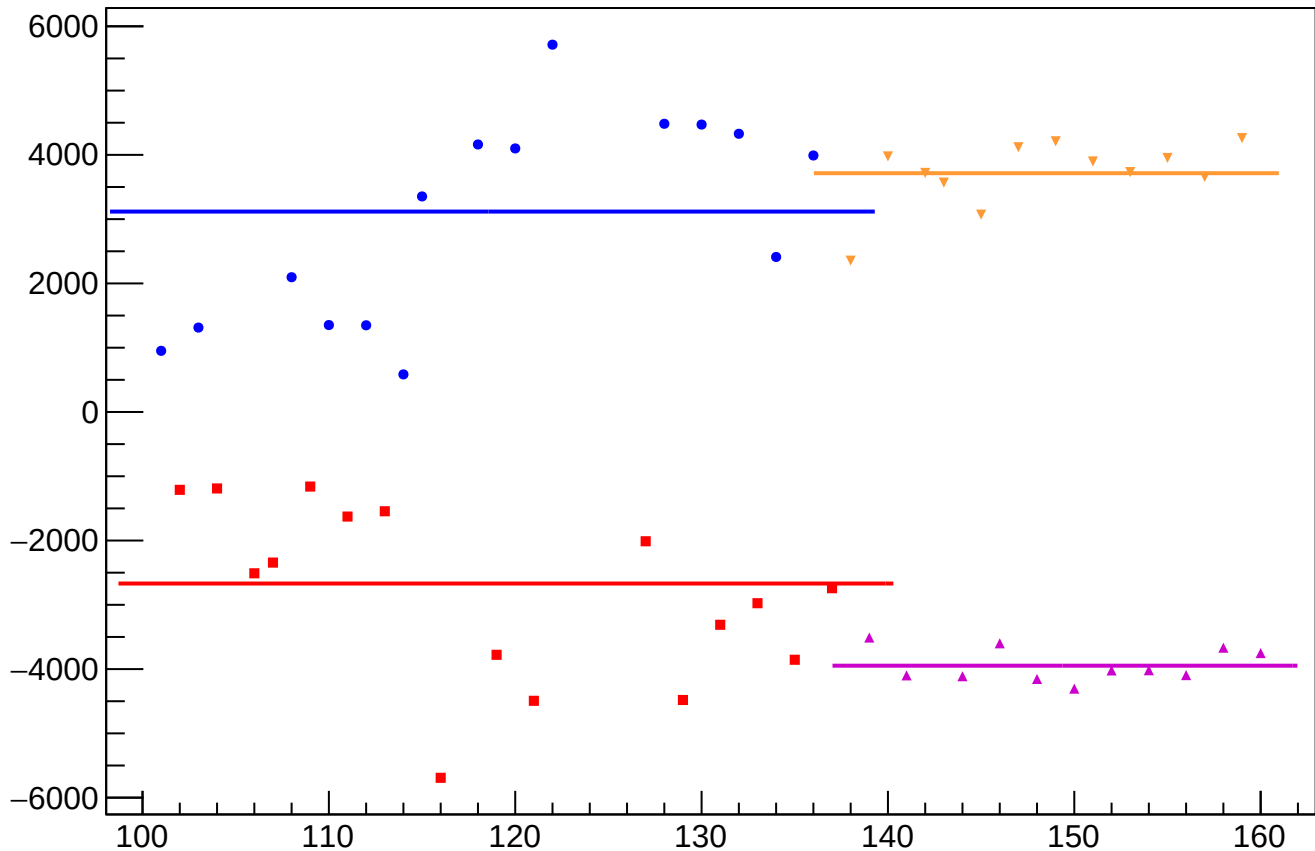
Left: 23.400+/-0.000 χ^2/NDF : 12117231101233370
 Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Right: 0.631+/-0.000 χ^2/NDF : 21797856278979973
 Left Out: 810.109+/-0.000 χ^2/NDF : 49902289627136601603211934324001603584.0/11
 In: 31.386+/-0.000 χ^2/NDF : 167352264529272497
 Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Out: -3.447+/-0.000 χ^2/NDF : 17174263526511374
 Left In: -757.349+/-0.000 χ^2/NDF : 31036557490853362173363612241828511744.0/10
 All: 13.909+/-0.000 χ^2/NDF : 3391906593651

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914+/-0.000

χ^2/NDF : 1552738593335565674554918493159210090496.0/14

Left Out: 3714.902+/-0.000

χ^2/NDF : 249652403492940962475363372882127224832.0/11

Right Out: -2668.794+/-0.000

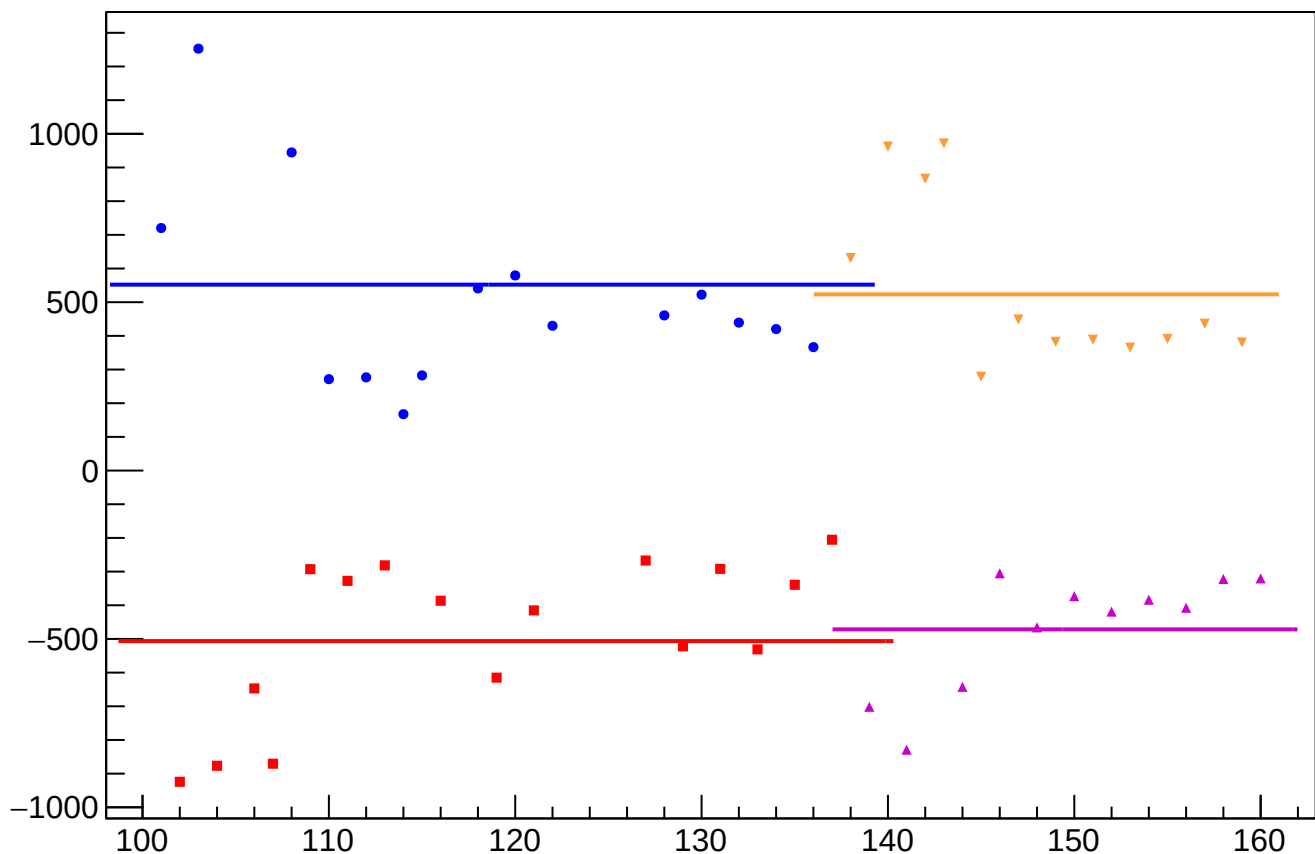
χ^2/NDF : 1136406286131098596000054422131257114624.0/15

Left In: -3947.046+/-0.000

χ^2/NDF : 56963661018859057070812095134472077312.0/10

All: 0.930+/-0.000 χ^2/NDF : 41105827728320

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 552.108 $\pm$ 0.000 χ^2 /NDF: 50739041741159119848523988236001869824.0/14

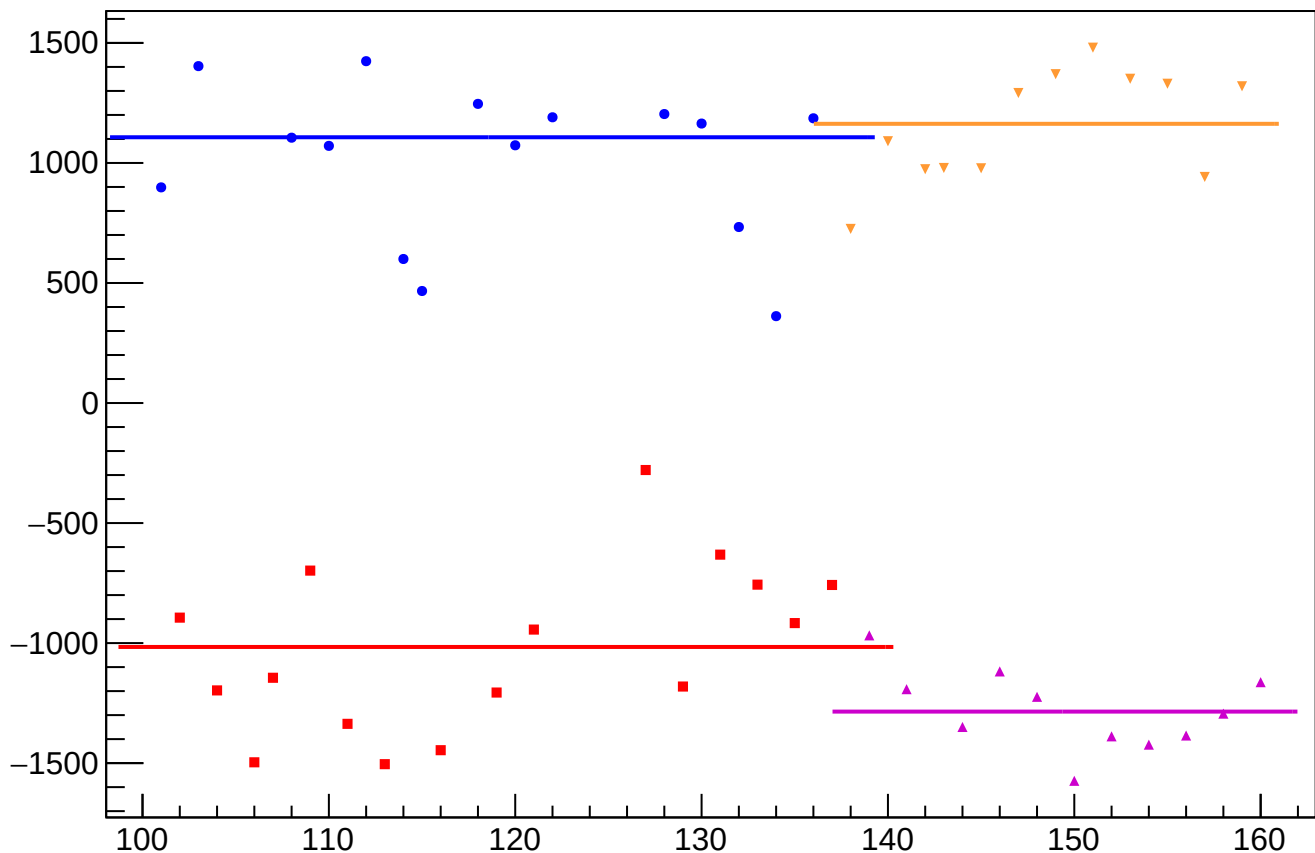
Left Out: 523.267 $\pm$ 0.000 χ^2 /NDF: 49702866244992097410386834059494948864.0/11

Right Out: -506.345 $\pm$ 0.000 χ^2 /NDF: 37181653297314883501659131806010572800.0/15

Left In: -471.540 $\pm$ 0.000 χ^2 /NDF: 25680884477827715914944205366363160576.0/10

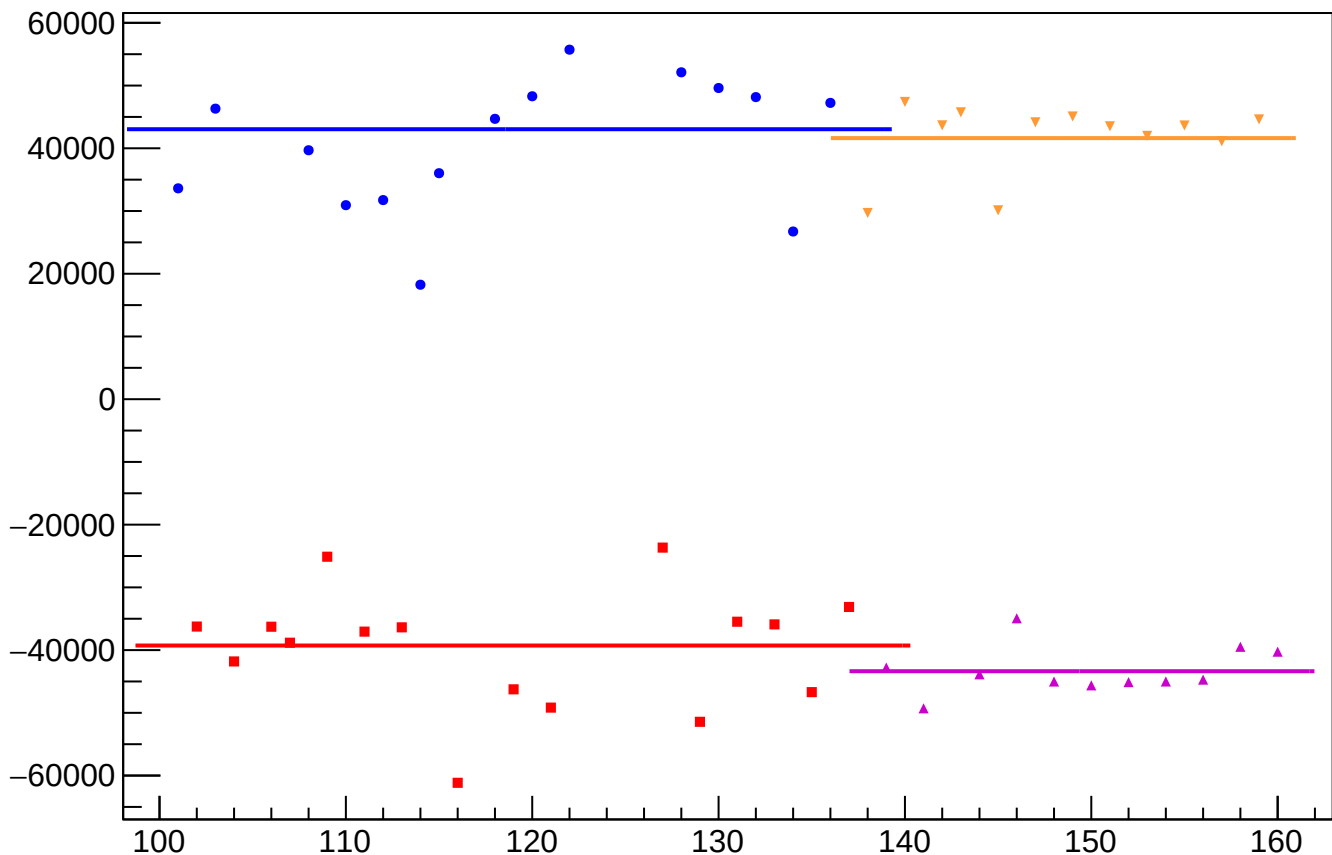
All: 20.500 $\pm$ 0.000 χ^2 /NDF: 9873505575210

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10
 All: -25.475 $\pm$ 0.000 χ^2 /NDF: 443196140049

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000

χ^2/NDF : 48397052922561722652666786407552179503104.0/14

Left Out: 41622.622+/-0.000

χ^2/NDF : 28728414397722339003377552504288532496384.0/11

Right Out: -39269.627+/-0.000

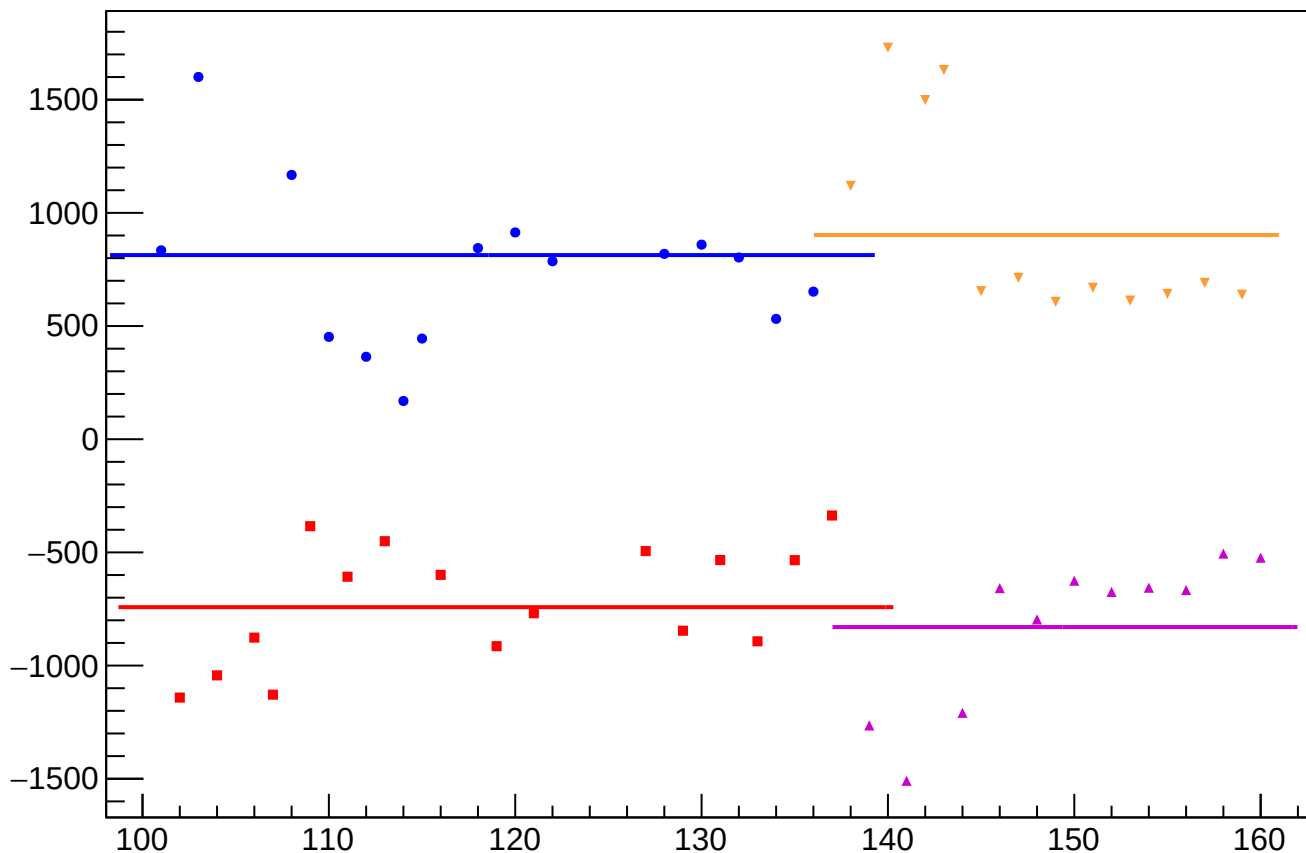
χ^2/NDF : 51873036517757666237545716605051585167360.0/15

Left In: -43364.892+/-0.000

χ^2/NDF : 12209695723681592241000188414954802511872.0/10

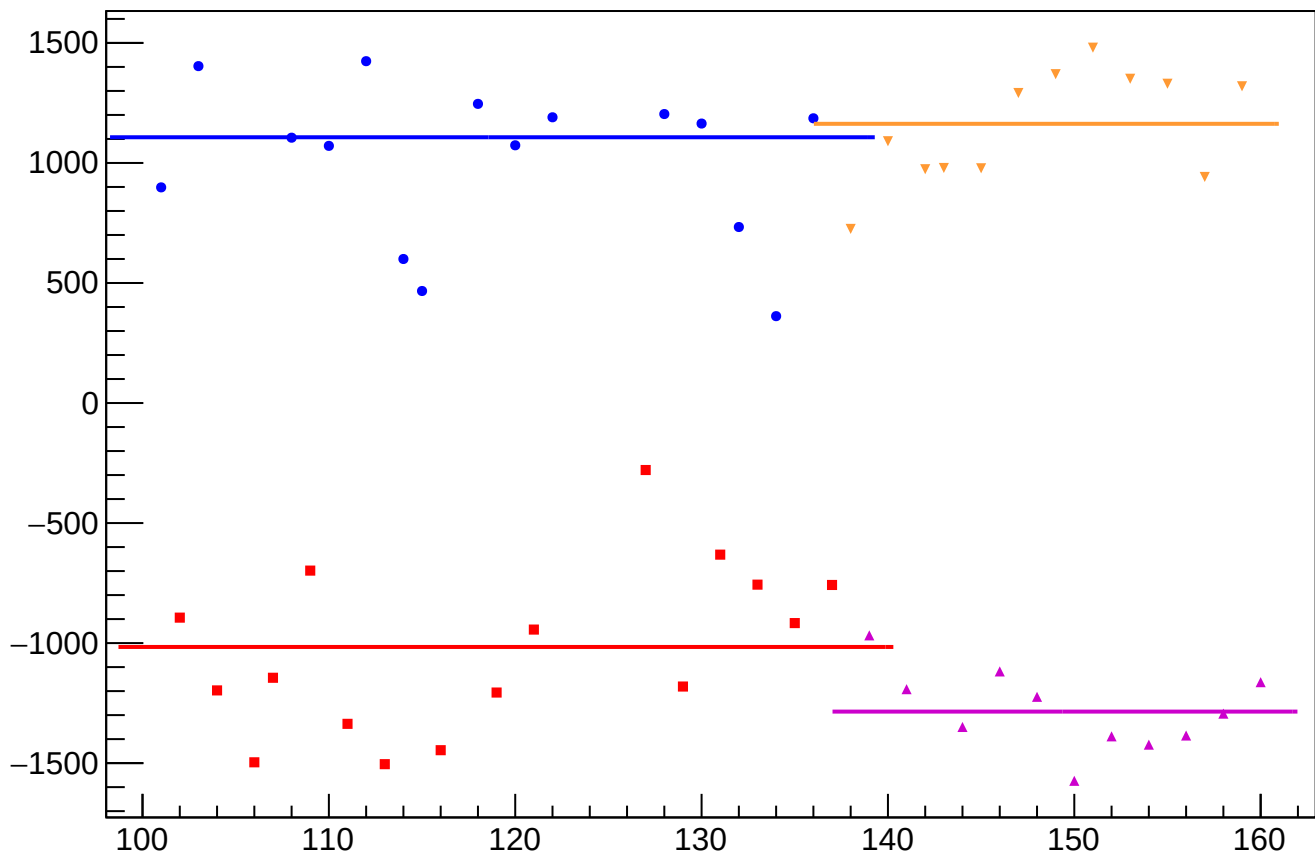
All: -51.044+/-0.000 χ^2/NDF : 569825828480

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



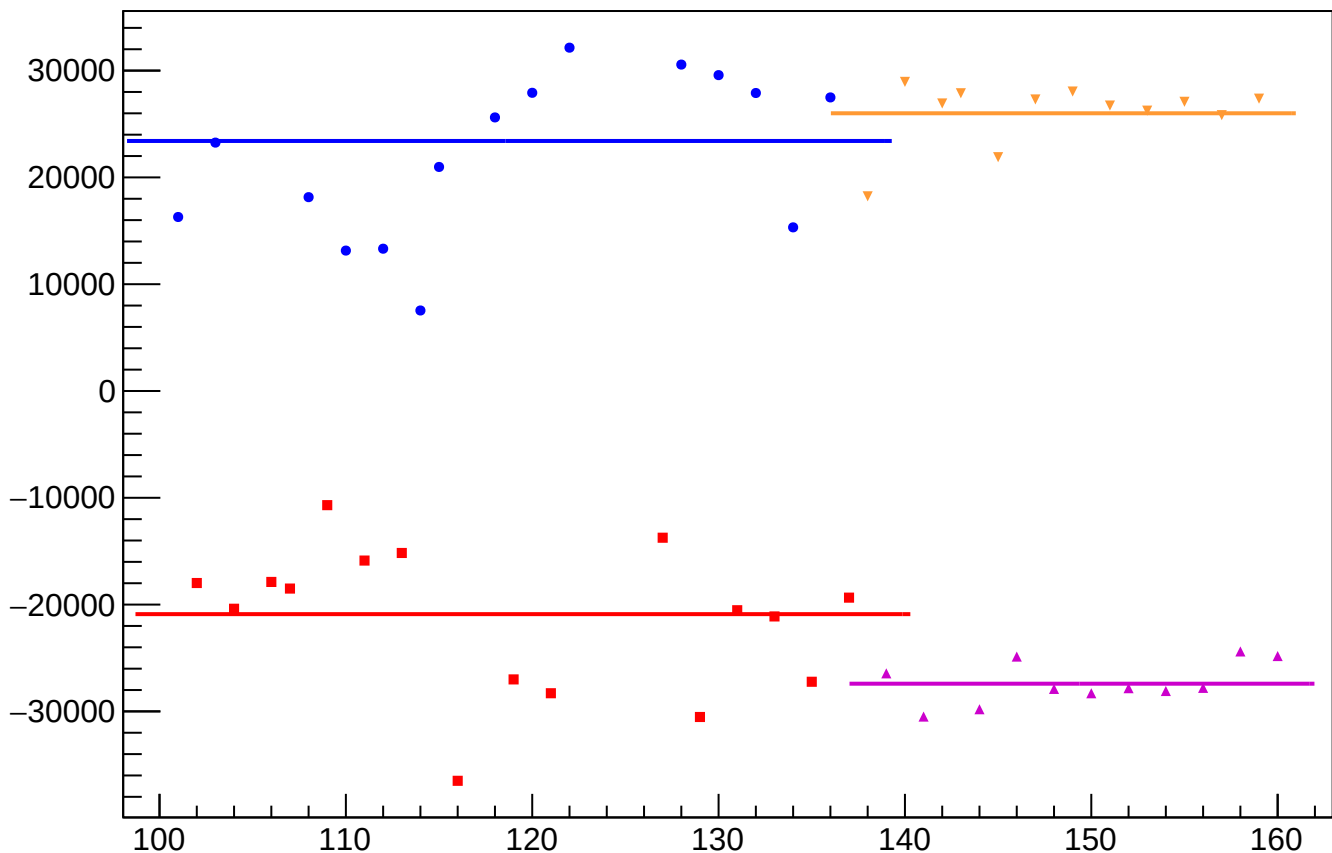
Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14
 Left Out: 902.421+/-0.000 χ^2/NDF : 152718326074036425760692281422815166464.0/11
 Right Out: -741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15
 Left In: -829.715+/-0.000 χ^2/NDF : 96077836071623048341749512260917657600.0/10
 All: 29.766+/-0.000 χ^2/NDF : 253670777775

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



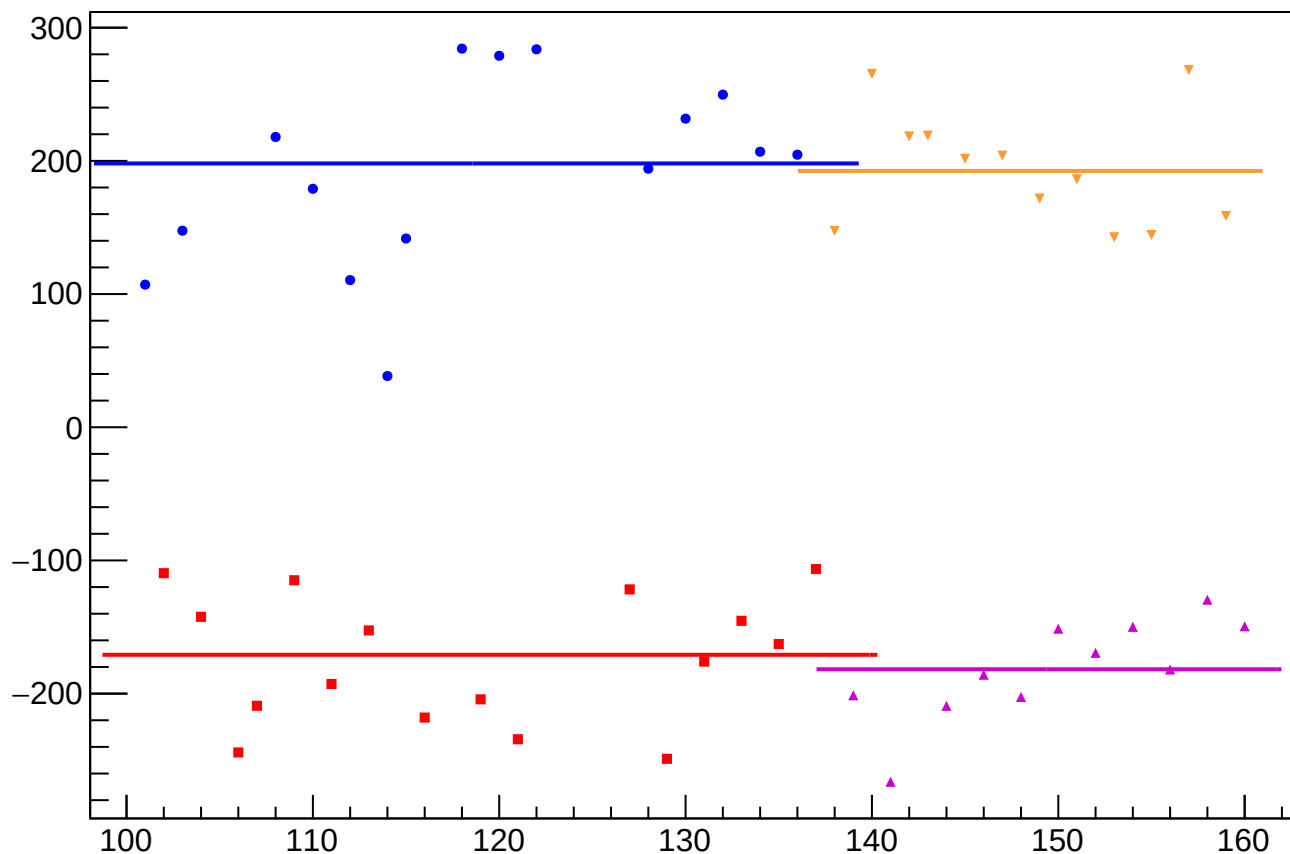
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 26004.082+/-0.000 χ^2/NDF : 7839626408572155503333833682521065259008.0/11
 Right Out: -20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -27407.255+/-0.000 χ^2/NDF : 3322659858866093858426557456838465421312.0/10
 All: -69.963+/-0.000 χ^2/NDF : 202804400443

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 198.056 +/- 0.000

χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 192.452 +/- 0.000

χ^2/NDF : 1667687947841400069416399021327515648.0/11

Right Out: -170.851 +/- 0.000

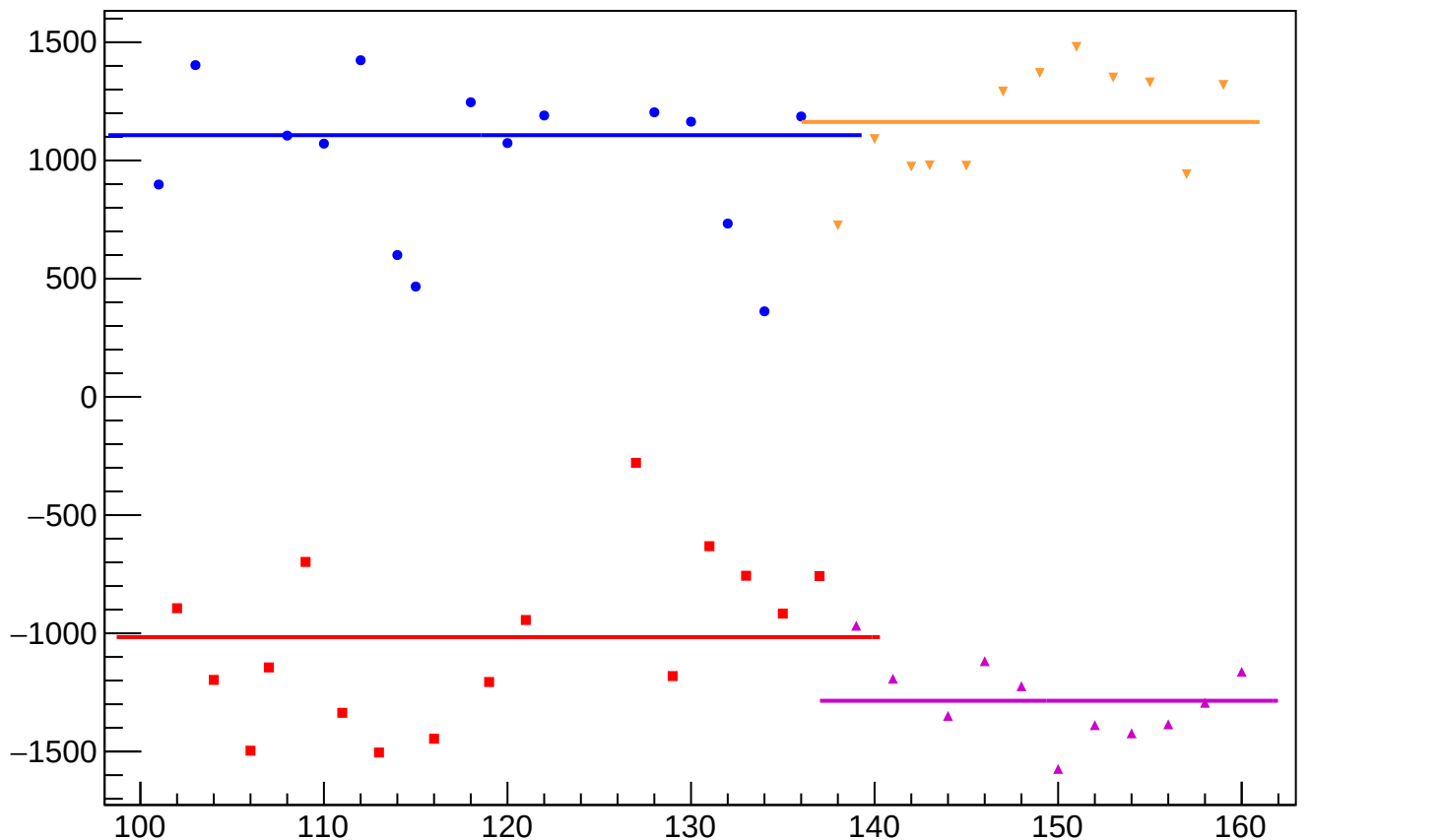
χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -181.711 +/- 0.000

χ^2/NDF : 1228549704796737698218369408017891328.0/10

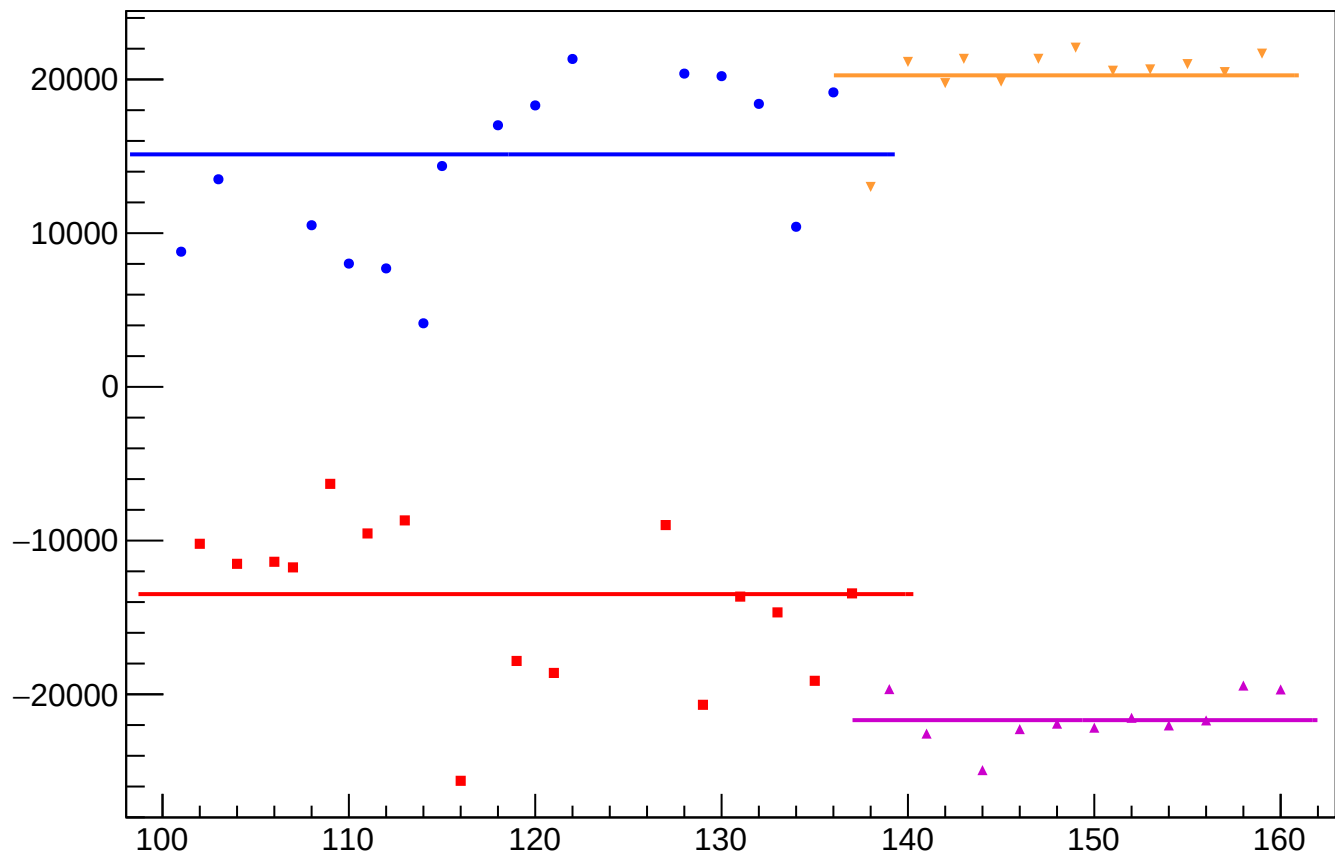
All: 7.335 +/- 0.000 χ^2/NDF : 11602845510853

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



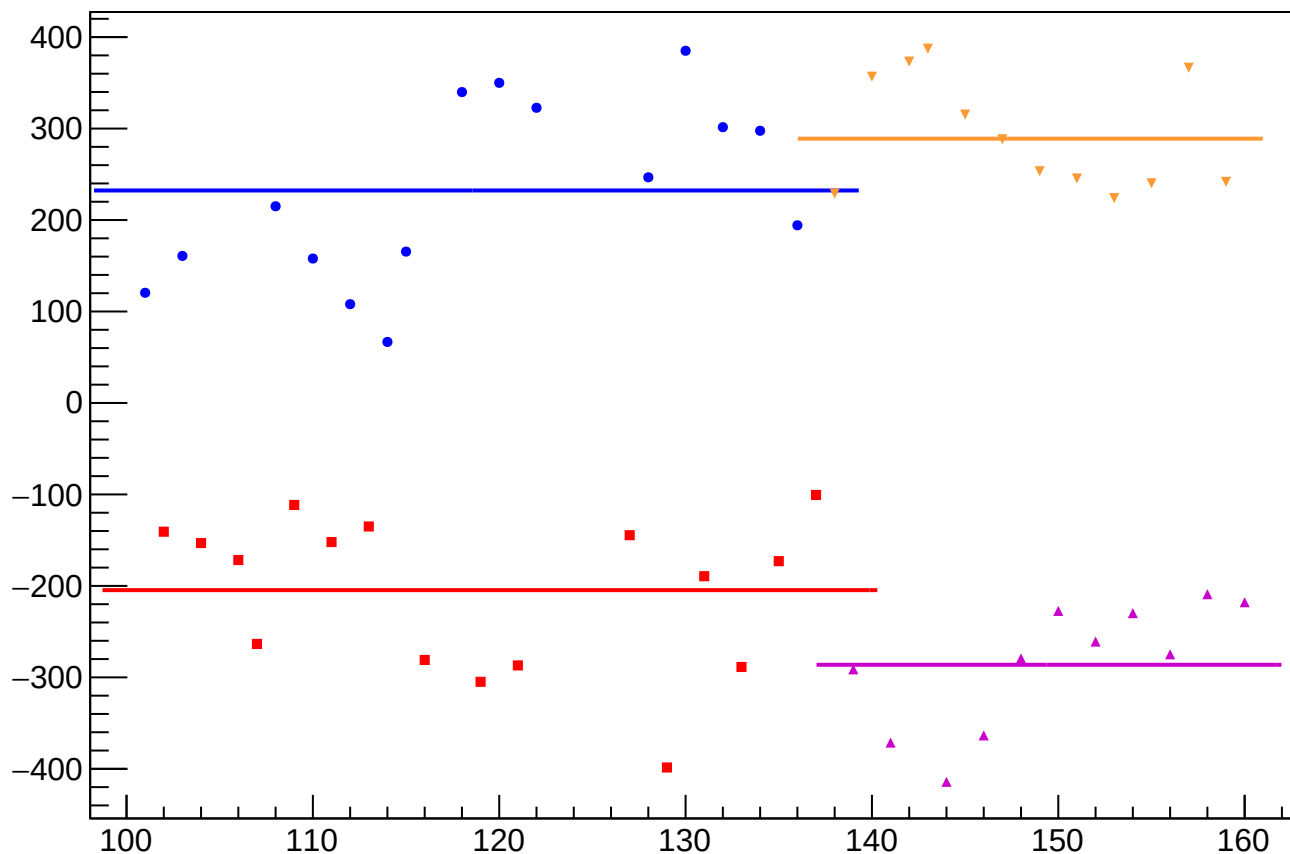
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 20266.540+/-0.000 χ^2/NDF : 4863660224752470739172242695454111825920.0/11
 Right Out: -13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -21681.241+/-0.000 χ^2/NDF : 2108874573649202621711530332866310307840.0/10
 All: -197.985+/-0.000 χ^2/NDF : 11200933497

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 232.312 $\pm$ 0.000

χ^2 /NDF: 5478184144885833956204804001180418048.0/14

Left Out: 288.949 $\pm$ 0.000

χ^2 /NDF: 3144080021405635930356092886432350208.0/11

Right Out: -204.637 $\pm$ 0.000

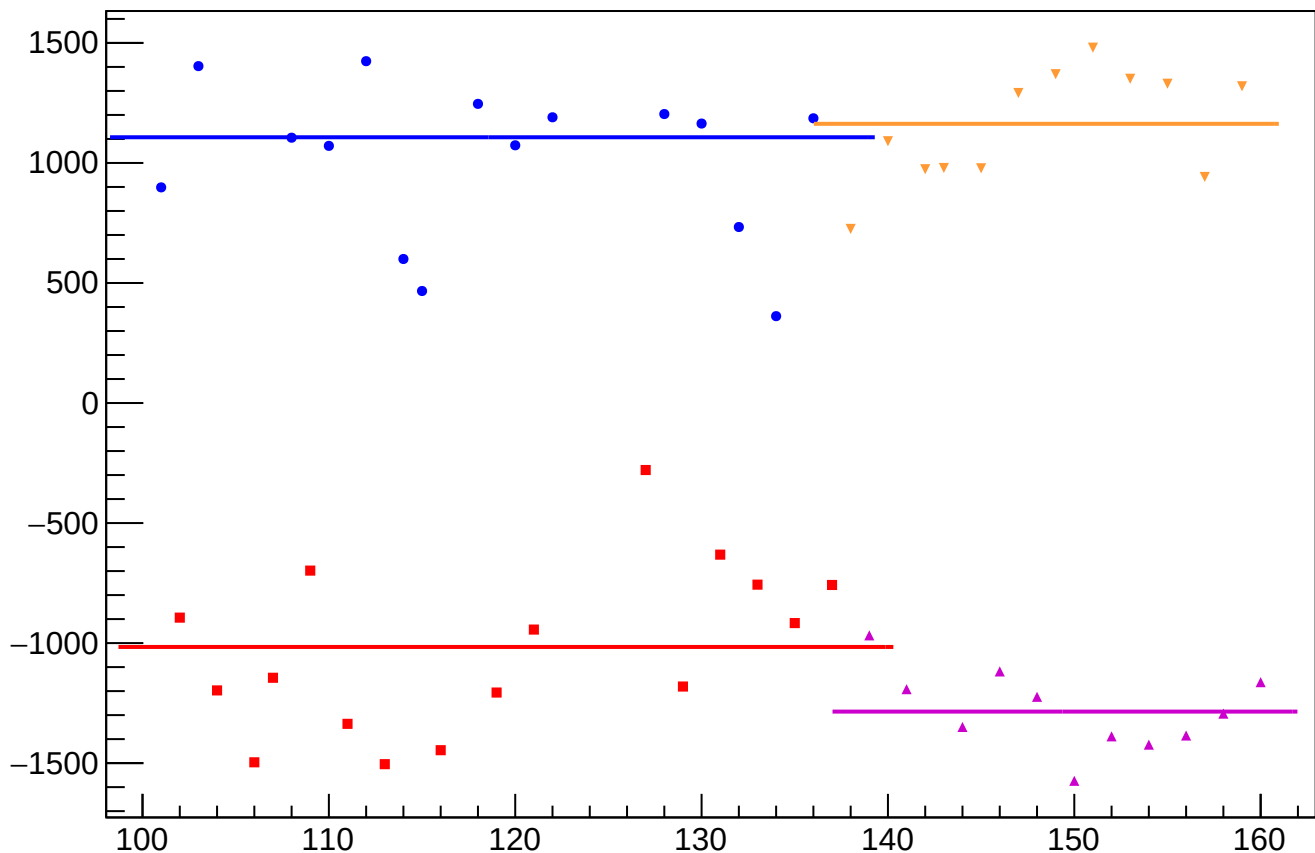
χ^2 /NDF: 4555067046835230017930882867882098688.0/15

Left In: -286.246 $\pm$ 0.000

χ^2 /NDF: 4067110443230234744644750983181631488.0/10

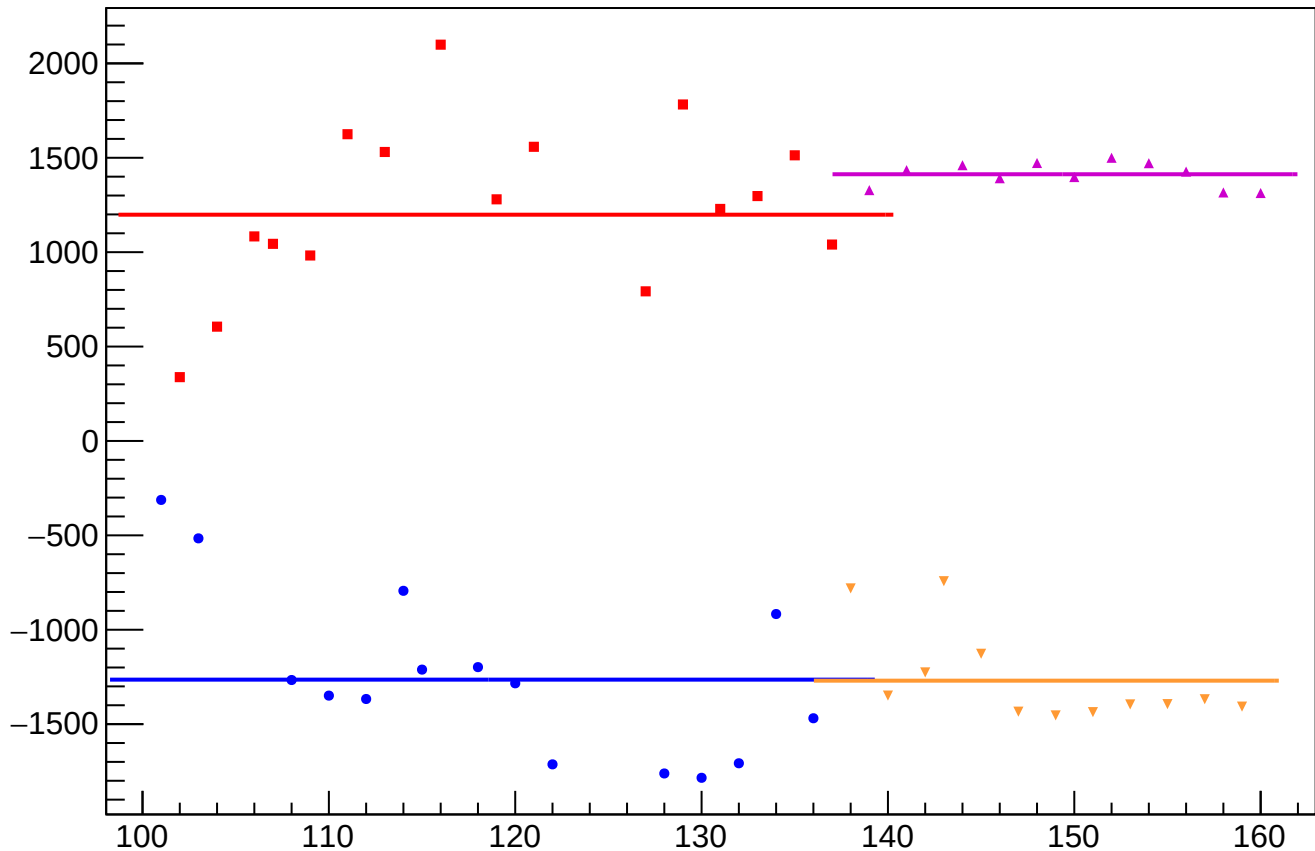
All: 4.673 $\pm$ 0.000 χ^2 /NDF: 23240426511653

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051+/-0.000 χ^2/NDF : 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106+/-0.000 χ^2/NDF : 7256766433509192712184310037150171136.0/15
 Left In: -1285.364+/-0.000 χ^2/NDF : 24002572803732345959736048095514853376.0/10
 All: -25.475+/-0.000 χ^2/NDF : 443196140049

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303+/-0.000

Left Out: -1269.744+/-0.000

Right Out: 1198.483+/-0.000

Left In: 1412.771+/-0.000

χ^2/NDF : 140215251538502657549173994543931981824.0/14

χ^2/NDF : 51411109749220710488956261055634341888.0/11

χ^2/NDF : 131164763898016793515492217696167133184.0/15

χ^2/NDF : 3642959557366432228461510163957809152.0/10

Left: 76.614+/-0.000 χ^2/NDF : 33669141743314231

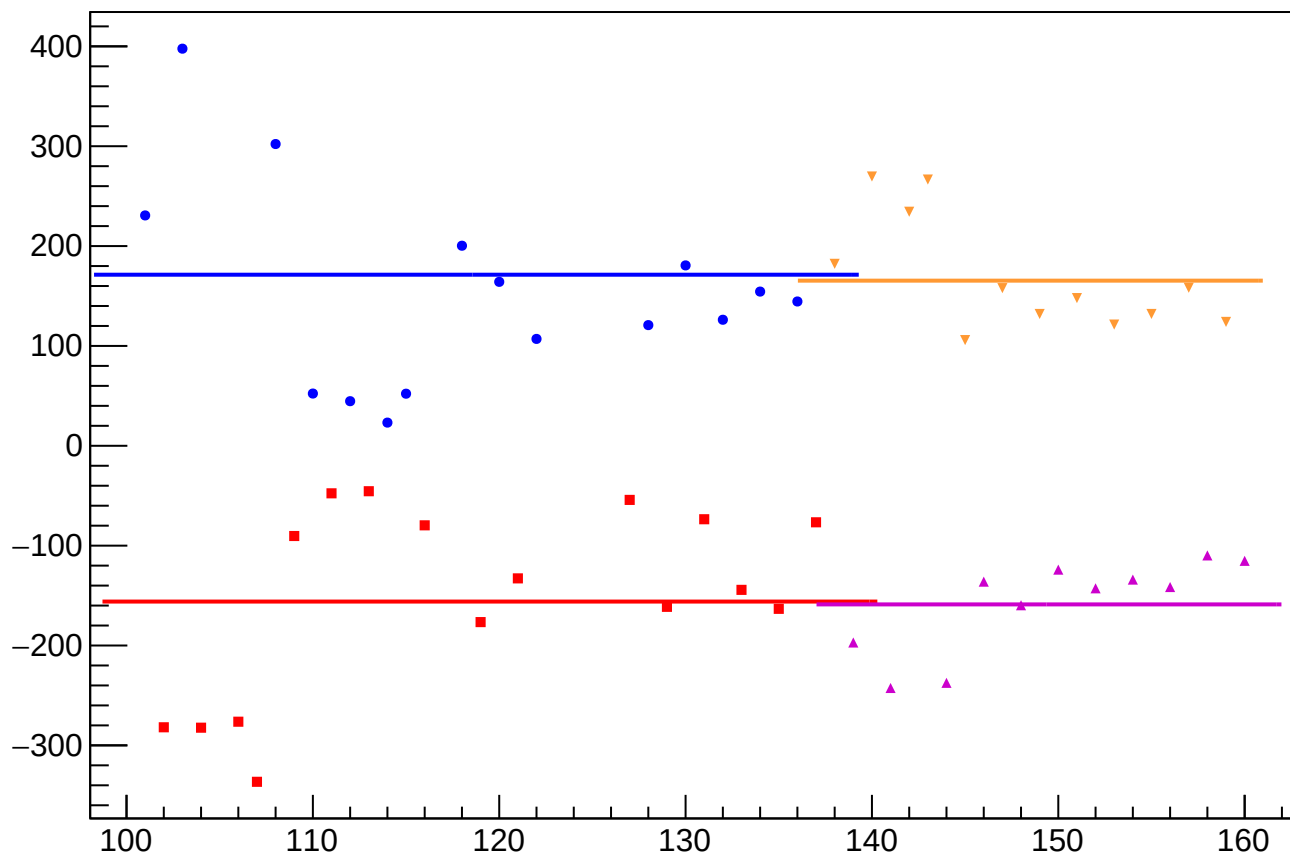
Right: -16.067+/-0.000 χ^2/NDF : 226649511001664

In: 308.244+/-0.000 χ^2/NDF : 28760344161485338

Out: -230.408+/-0.000 χ^2/NDF : 253497117304588

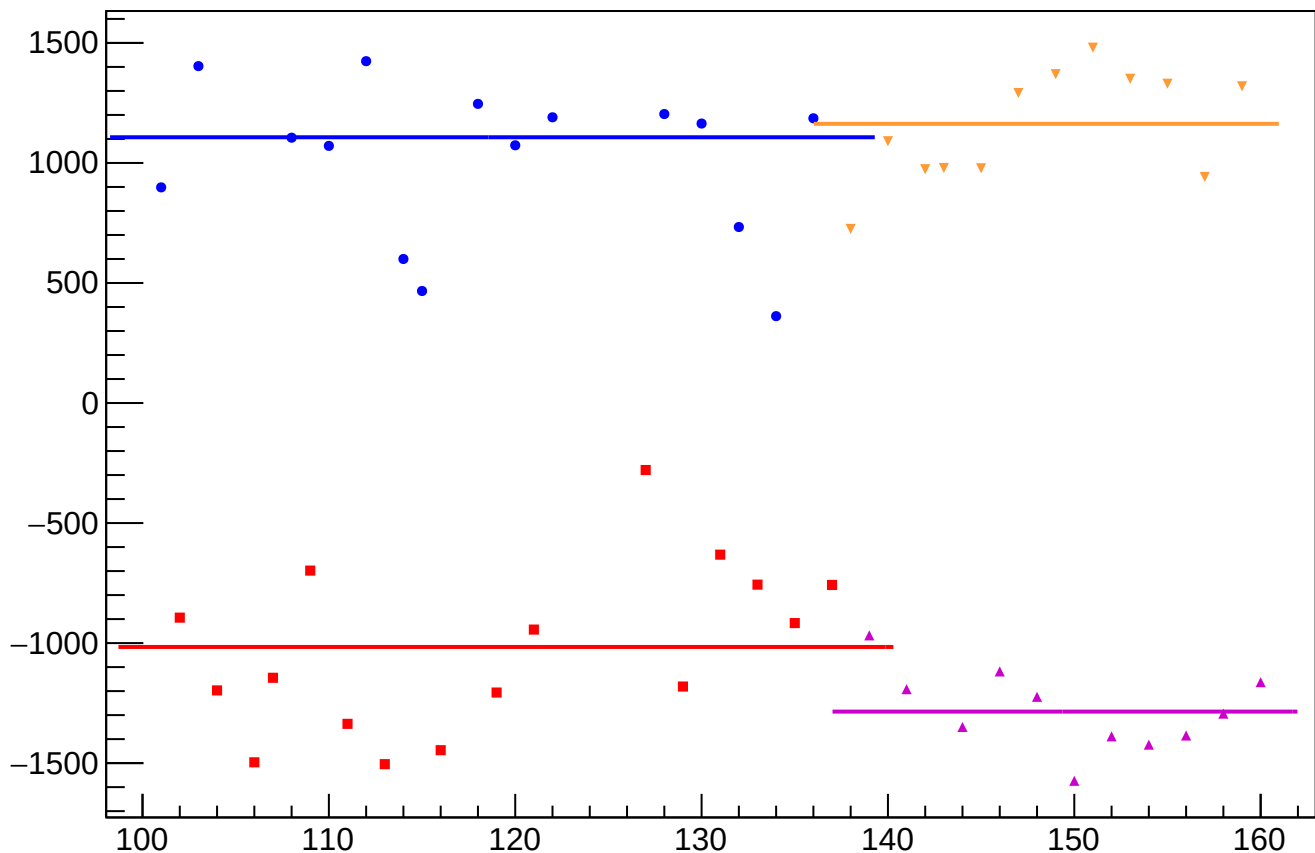
All: 37.980+/-0.000 χ^2/NDF : 5640001192745

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



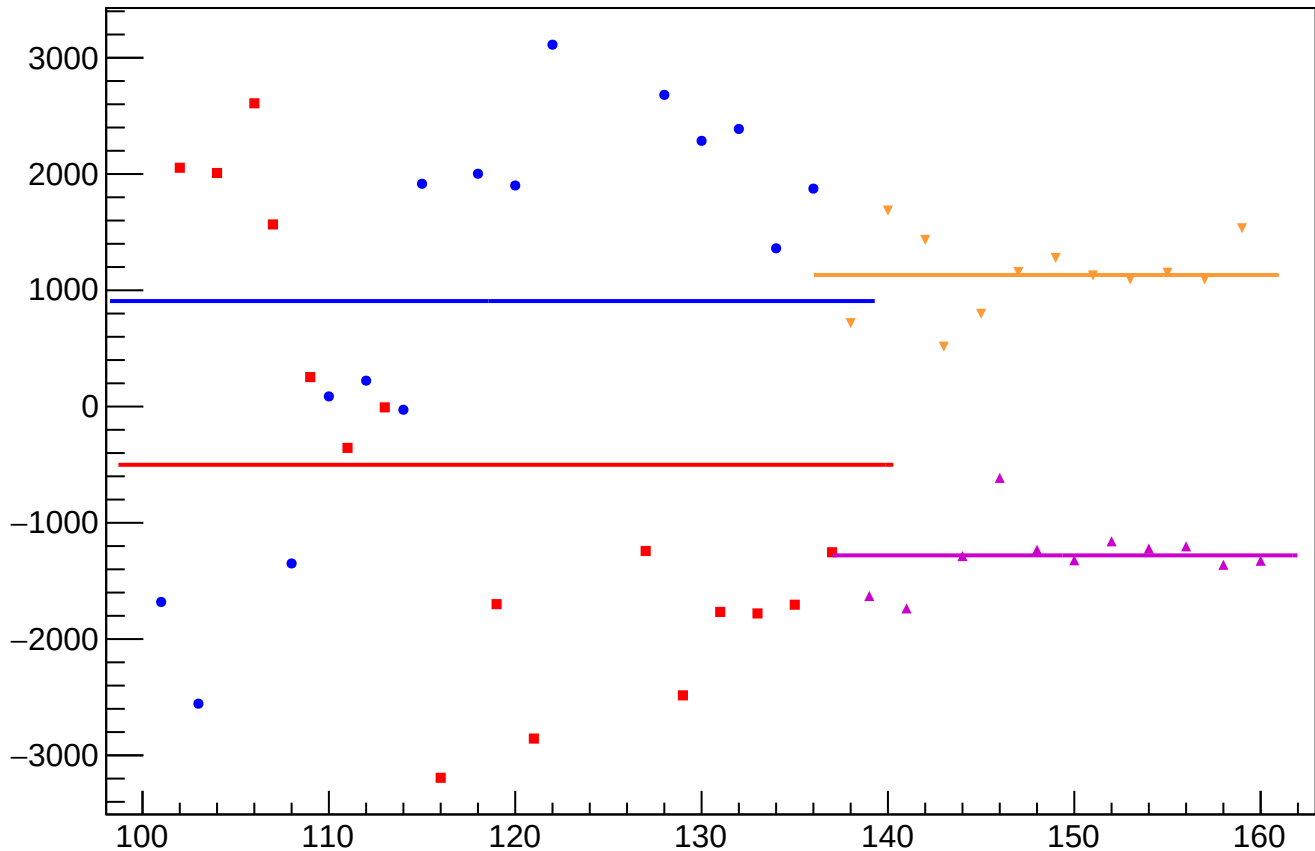
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 165.375+/-0.000 χ^2/NDF : 2622335351174785803279271276281069568.0/11
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -158.834+/-0.000 χ^2/NDF : 1853310895668256586520412981739651072.0/10
 All: 3.810+/-0.000 χ^2/NDF : 99900868870086

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10
 All: -25.475 $\pm$ 0.000 χ^2 /NDF: 443196140049

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442+/-0.000

χ^2/NDF : 2107238007691848638499662178406566461440.0/14

Left Out: 1131.794+/-0.000

χ^2/NDF : 92327464318942529302079754204983853056.0/11

Right Out: -500.689+/-0.000

χ^2/NDF : 2074232918749953174436803426379074895872.0/15

Left In: -1279.995+/-0.000

χ^2/NDF : 67592304703884032028559239448782438400.0/10

Left: -78.685+/-0.000 χ^2/NDF : 2837029478342244

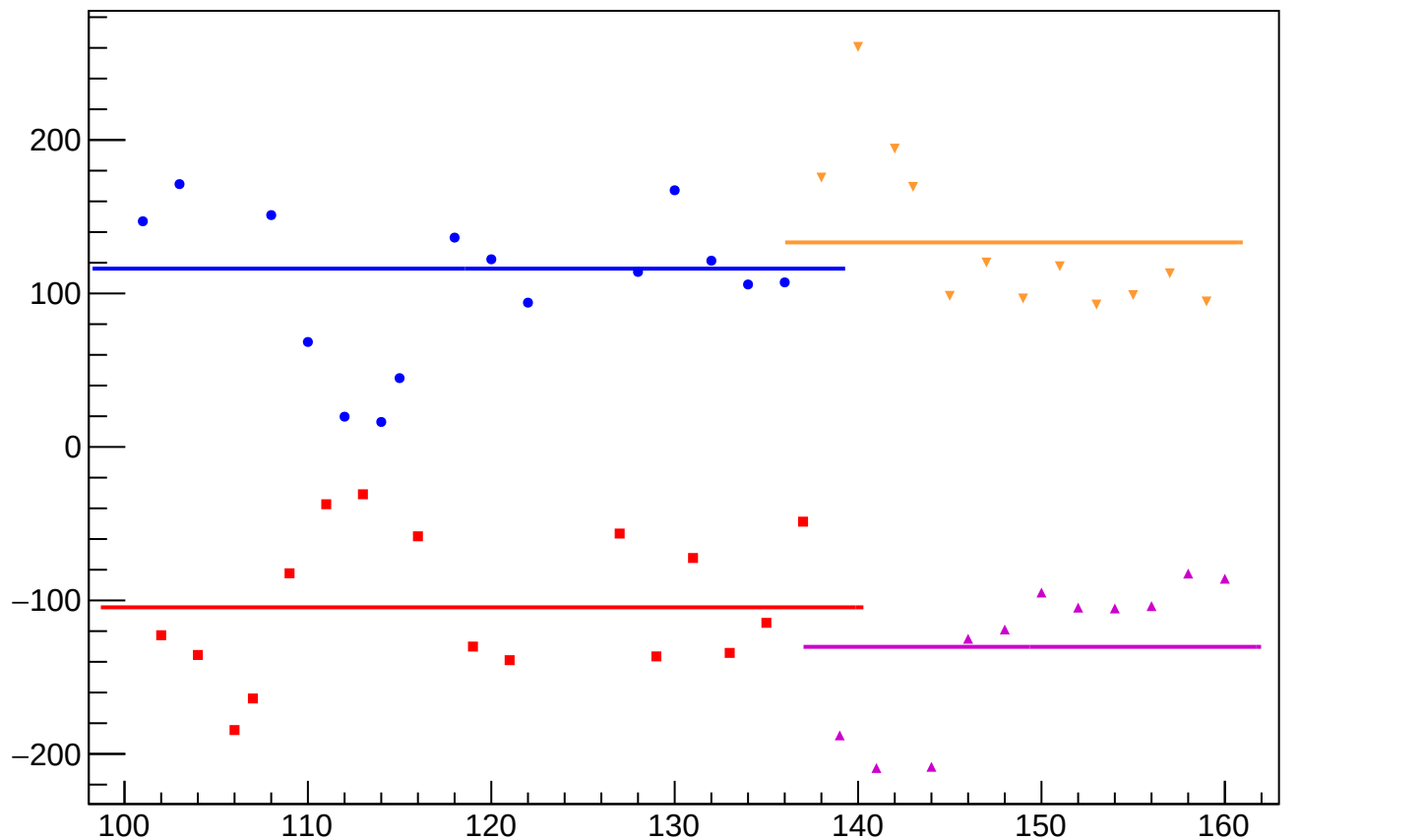
Right: 193.746+/-0.000 χ^2/NDF : 483370034209518

In: -377.486+/-0.000 χ^2/NDF : 3998973168088028

Out: 444.379+/-0.000 χ^2/NDF : 3195612385912640

All: 34.878+/-0.000 χ^2/NDF : 7727687301176

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 116.159 +/- 0.000

χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 133.258 +/- 0.000

χ^2/NDF : 2355510699309539172490444744349974528.0/11

Right Out: -104.501 +/- 0.000

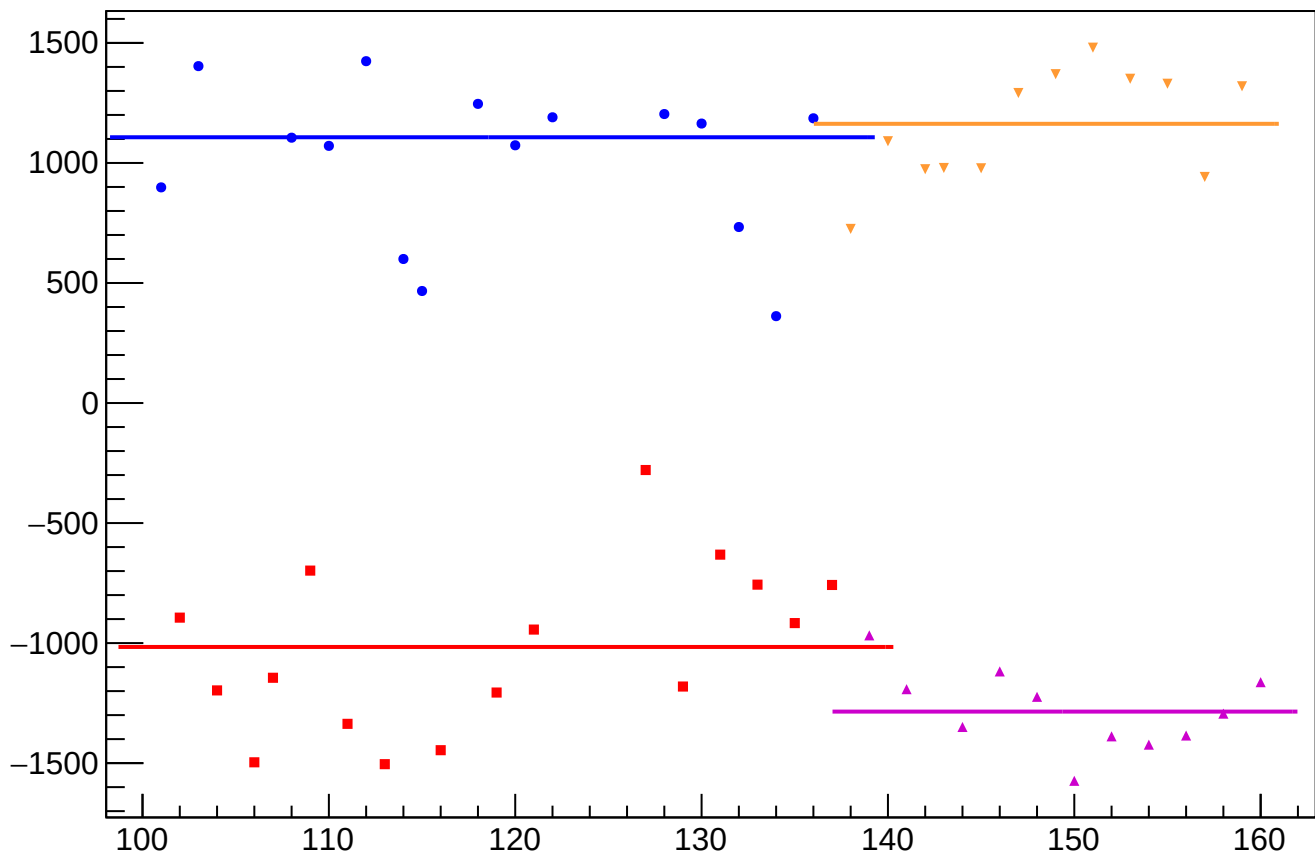
χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: -130.237 +/- 0.000

χ^2/NDF : 1968814259217478663576054483231178752.0/10

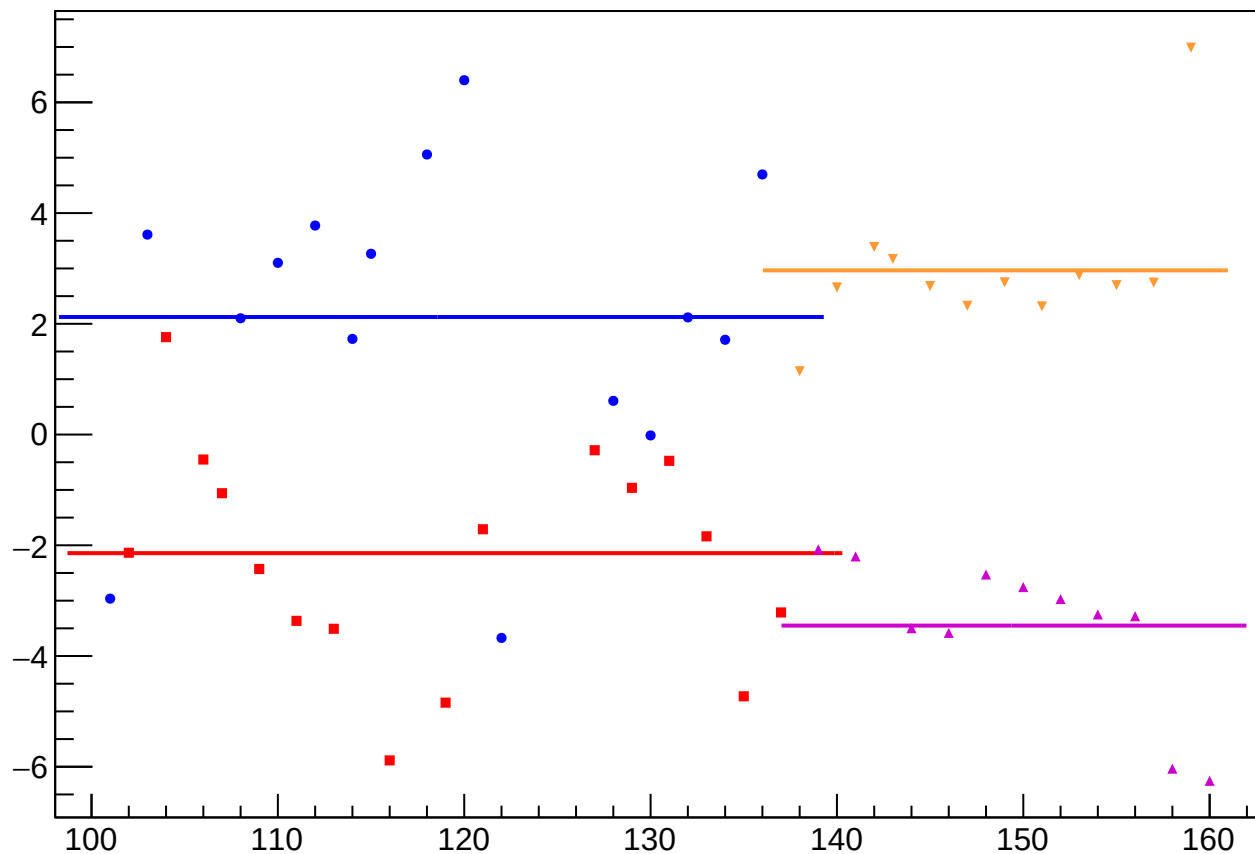
All: 2.390 +/- 0.000 χ^2/NDF : 54787939328328

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



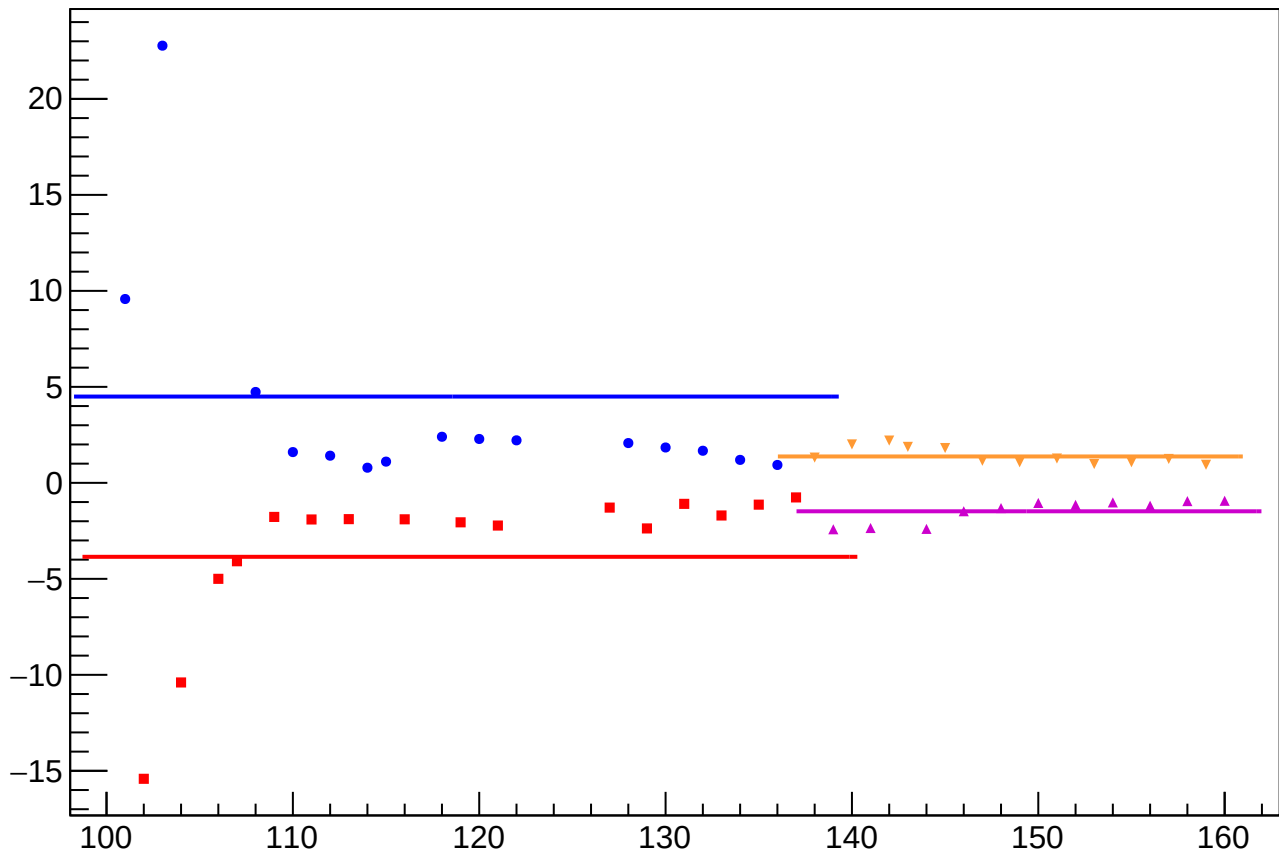
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1163.051 $\pm$ 0.000 χ^2 /NDF: 45744768397049445452124121981603807232.0/11
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 7256766433509192712184310037150171136.0/15
 Left In: -1285.364 $\pm$ 0.000 χ^2 /NDF: 24002572803732345959736048095514853376.0/10
 All: -25.475 $\pm$ 0.000 χ^2 /NDF: 443196140049

dit_4aX_coil6_mean vs Slug, Sign Corrected



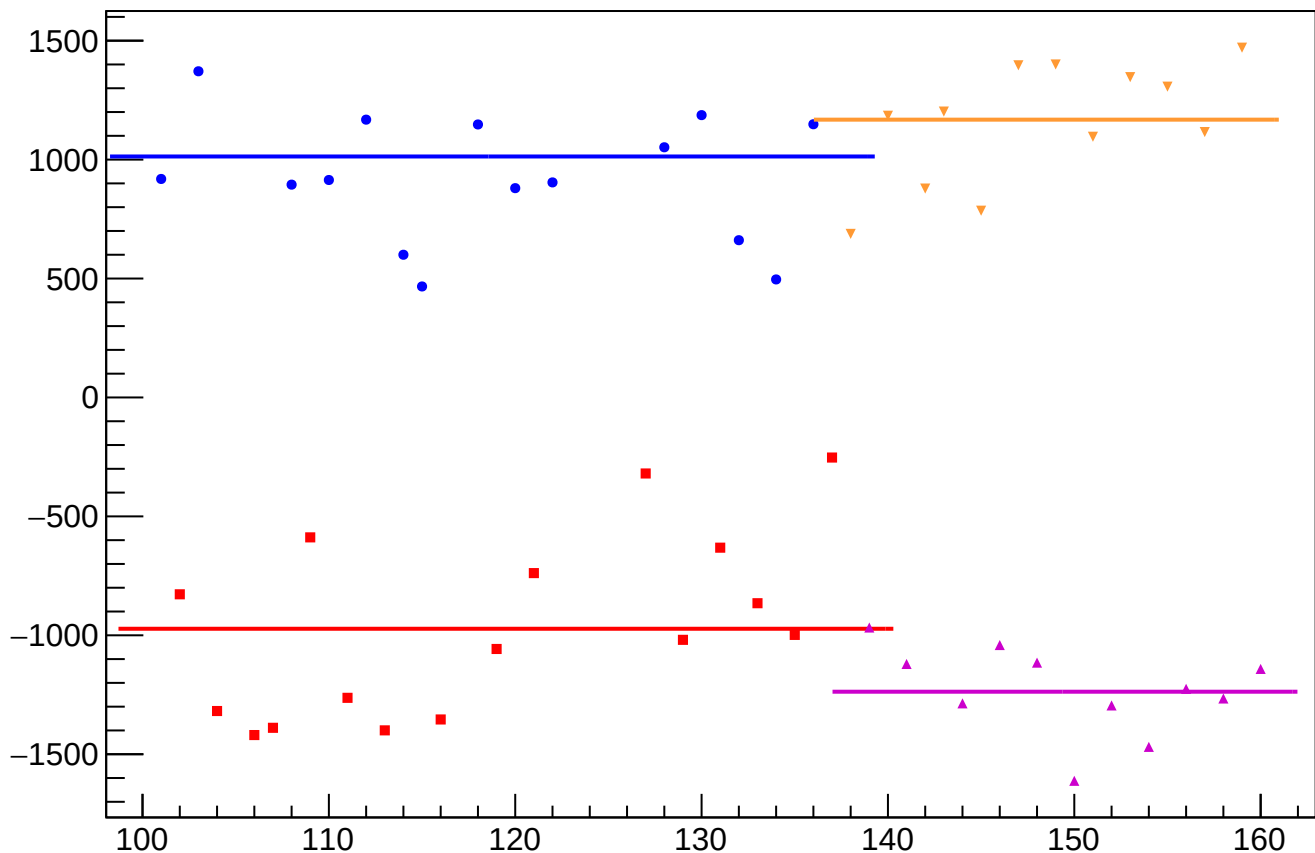
Left: -0.255 ± 0.000 $\chi^2/NDF: 22154610760613794$
 Right In: 2.123 ± 0.000 $\chi^2/NDF: 5263705922821075971022013849403392.0/14$
 Right: -0.039 ± 0.000 $\chi^2/NDF: 1371901956190569$
 Left Out: 2.966 ± 0.000 $\chi^2/NDF: 1657147599544170270871306245242880.0/11$
 In: -1.151 ± 0.000 $\chi^2/NDF: 186566302459324539$
 Right Out: -2.142 ± 0.000 $\chi^2/NDF: 2472949940993672466161692257026048.0/15$
 Out: 0.815 ± 0.000 $\chi^2/NDF: 142026409717711830$
 Left In: -3.450 ± 0.000 $\chi^2/NDF: 1551935058842125730993767819771904.0/10$
 All: -0.165 ± 0.000 $\chi^2/NDF: 3590940357981$

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



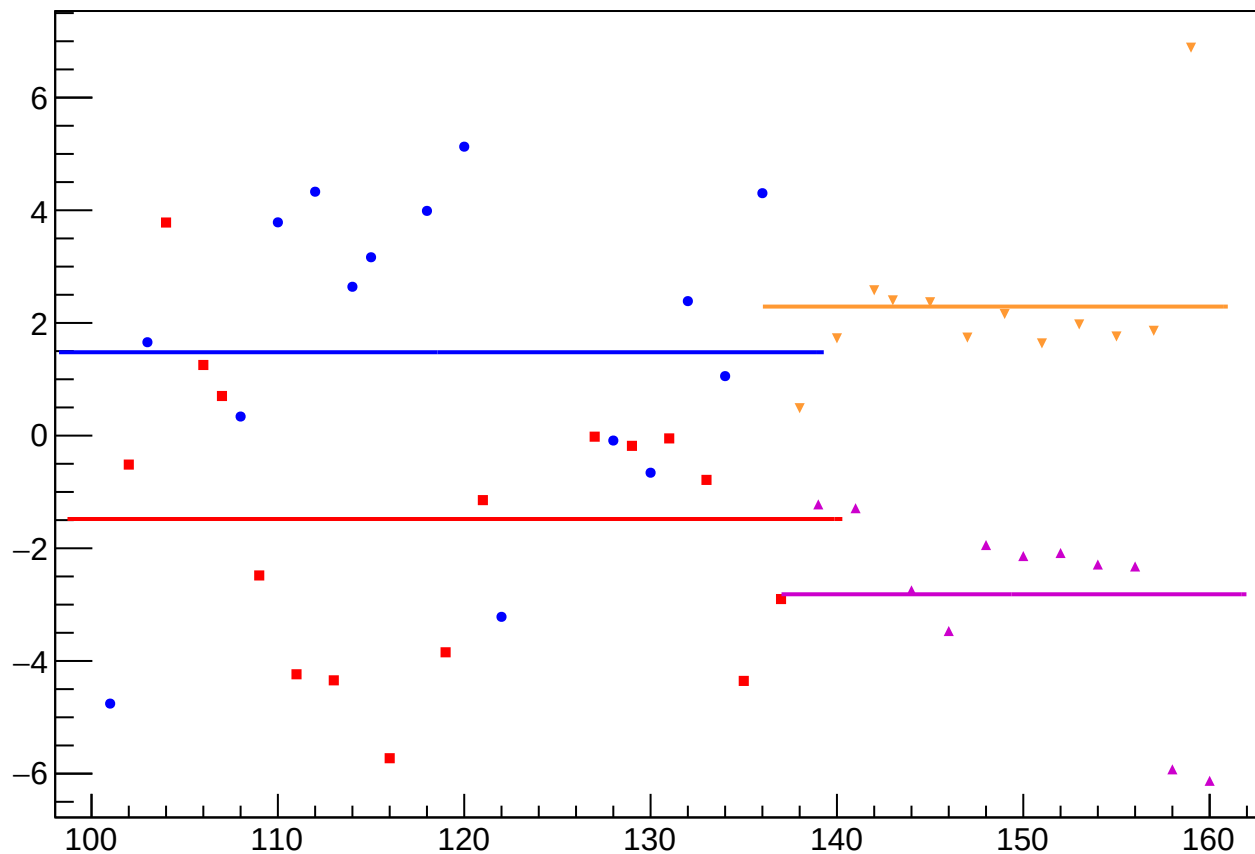
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.375 $\pm$ 0.000 χ^2 /NDF: 145824137057123098329032148647936.0/11
 Right Out: -3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: -1.482 $\pm$ 0.000 χ^2 /NDF: 310337710475779495774509405831168.0/10
 All: 0.076 $\pm$ 0.000 χ^2 /NDF: 6479710466676

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



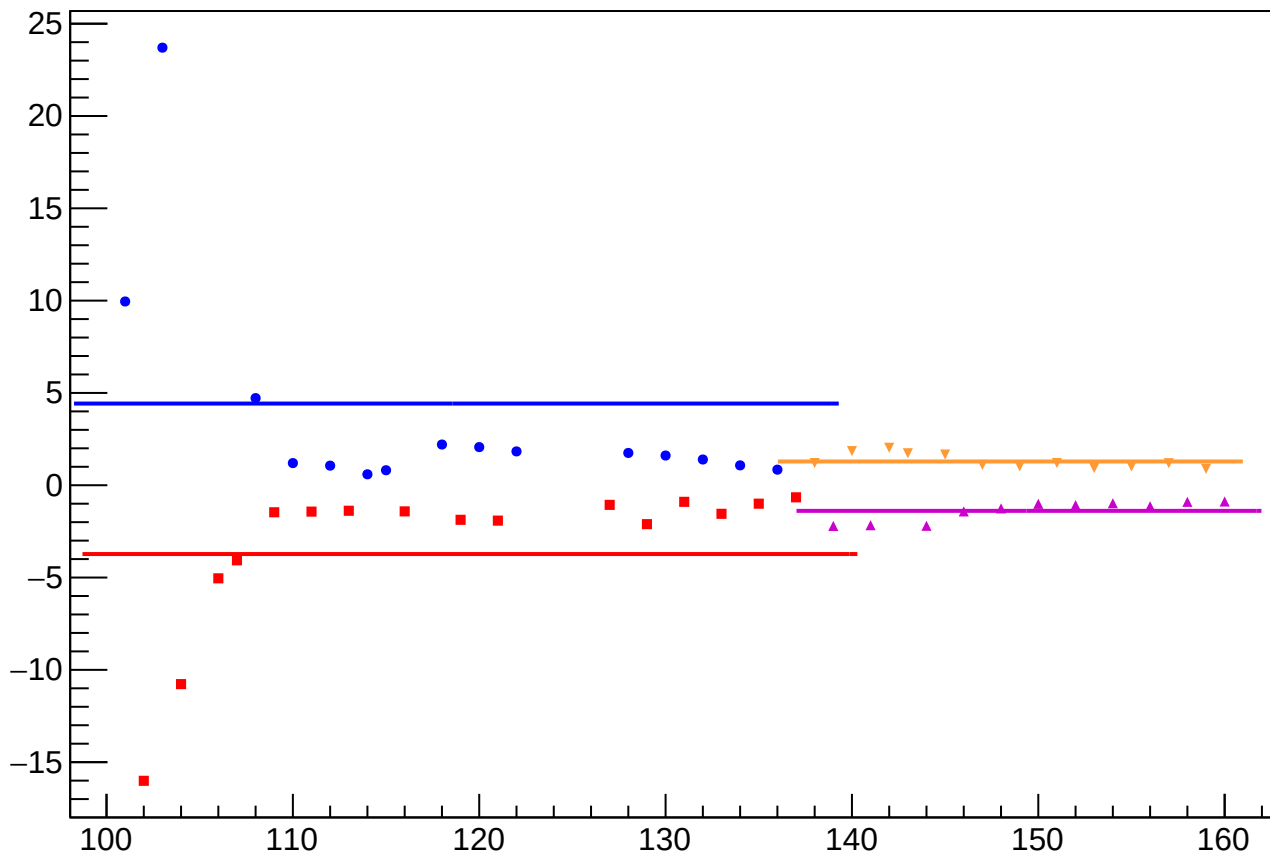
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_4eX_coil6_mean vs Slug, Sign Corrected



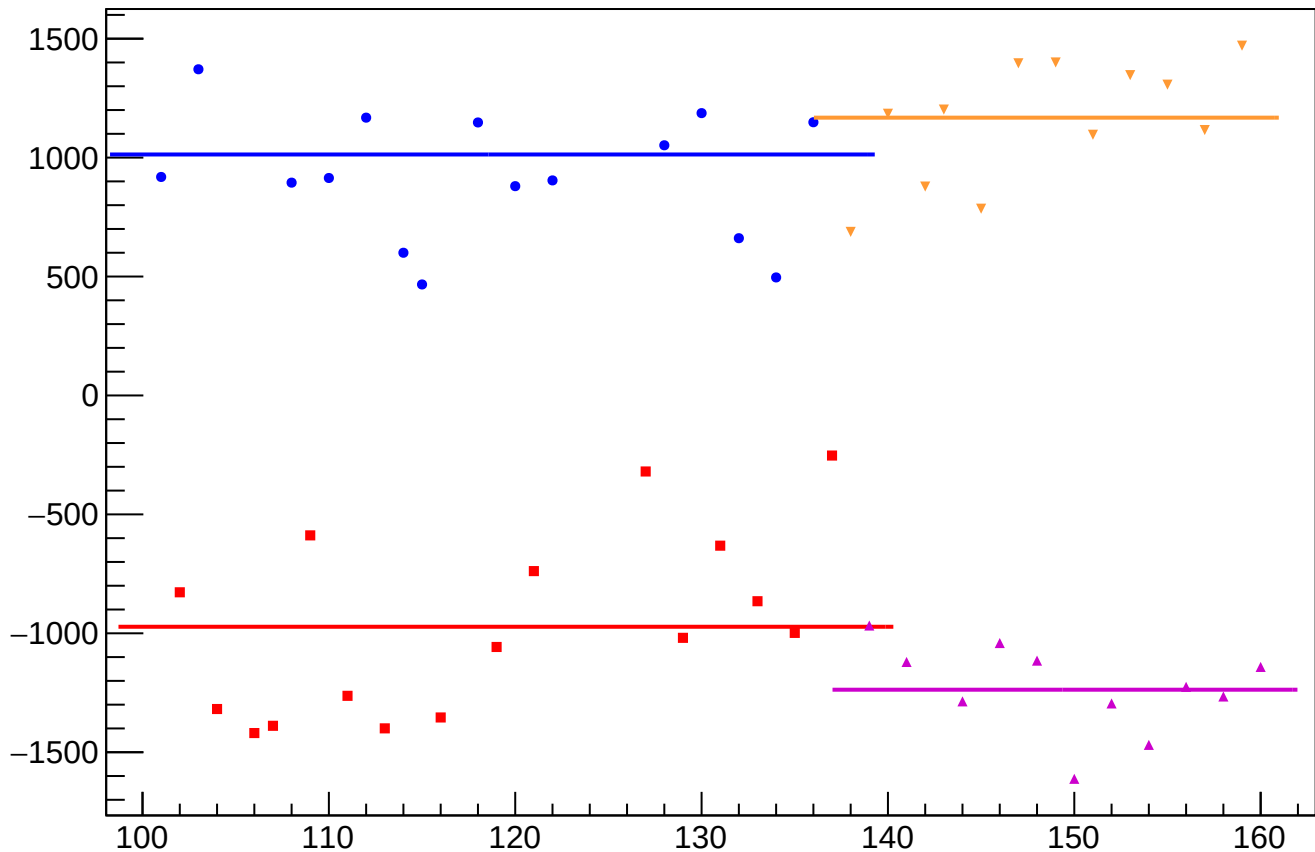
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left Out: 2.290 $\pm$ 0.000 χ^2 /NDF: 2078203934623339407466741505196032.0/11
 Right Out: -1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Left In: -2.816 $\pm$ 0.000 χ^2 /NDF: 2230790234579581781884760219451392.0/10
 All: -0.167 $\pm$ 0.000 χ^2 /NDF: 2913510232132

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



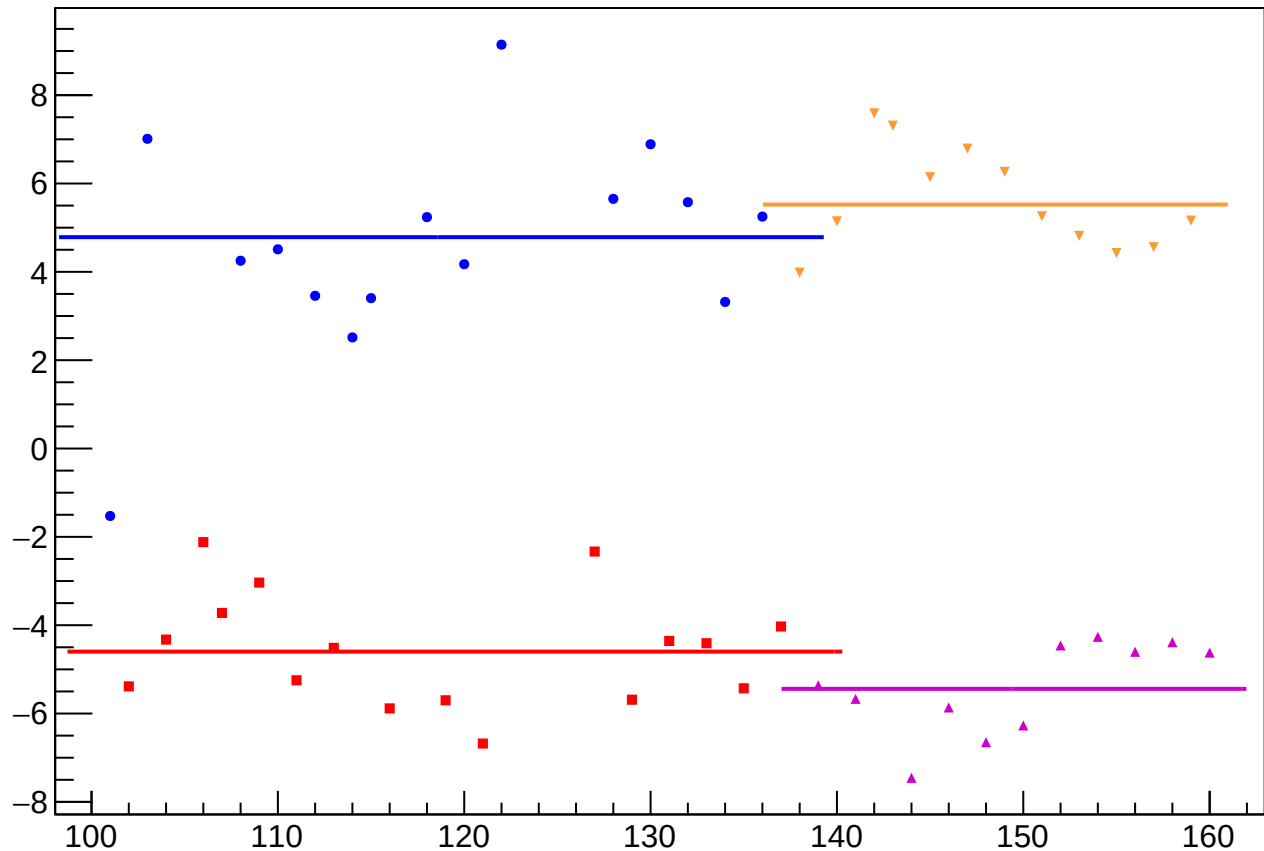
Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.287+/-0.000 χ^2/NDF : 115572710425974542014826355359744.0/11
 Right Out: -3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: -1.387+/-0.000 χ^2/NDF : 245381205913734368947829561360384.0/10
 All: 0.090+/-0.000 χ^2/NDF : 67850915091638

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



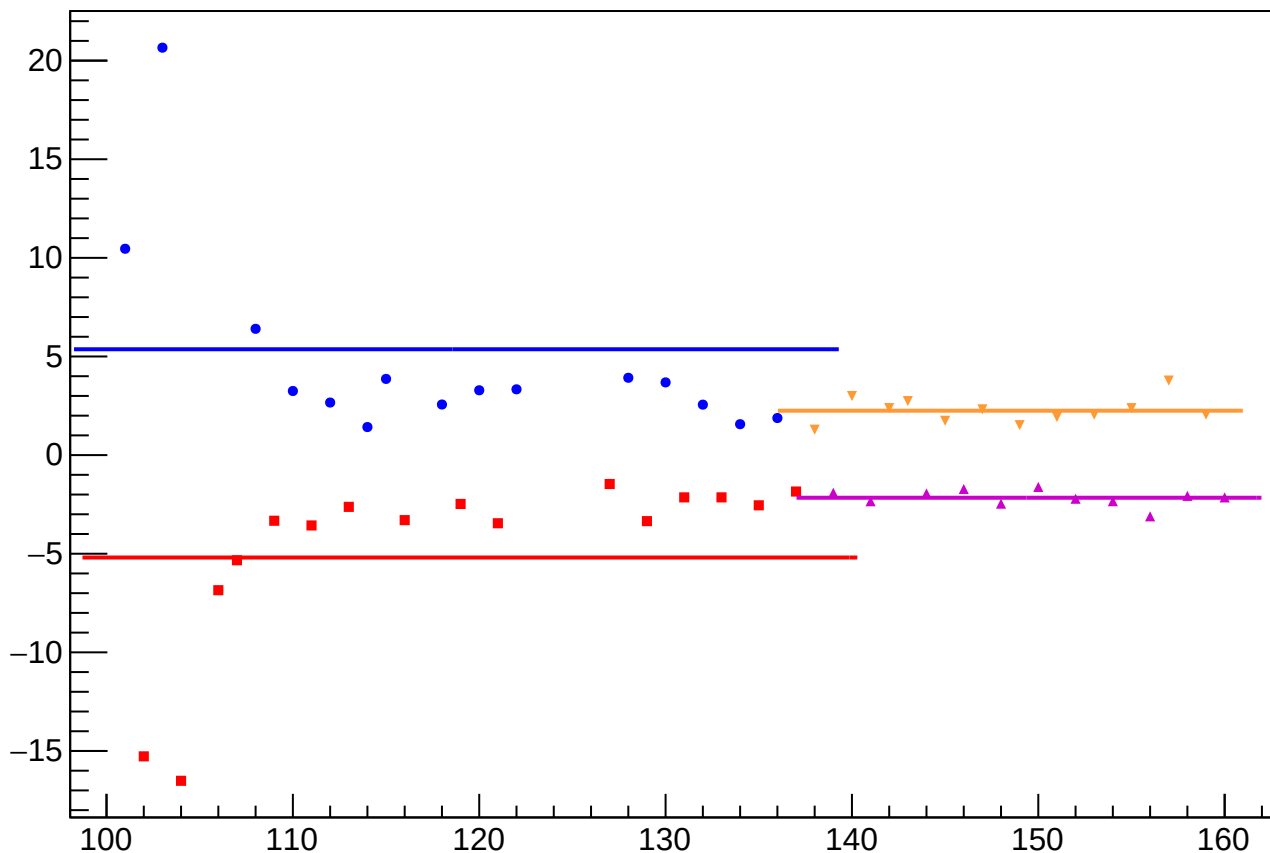
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	Left: -39.161+/-0.000	χ^2/NDF : 2747267695574641
Left Out: 1167.974+/-0.000	χ^2/NDF : 54610138783870430946405205692756525056.0/11	Right: 6.761+/-0.000	χ^2/NDF : 14074954421733032
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	In: -308.706+/-0.000	χ^2/NDF : 1992534711877389
Left In: -1237.150+/-0.000	χ^2/NDF : 30323445843993737164691986740223672320.0/10	Out: 266.665+/-0.000	χ^2/NDF : 1902566719354889
		All: -20.018+/-0.000	χ^2/NDF : 415638151623

dit_11X12X_coil6_mean vs Slug, Sign Corrected



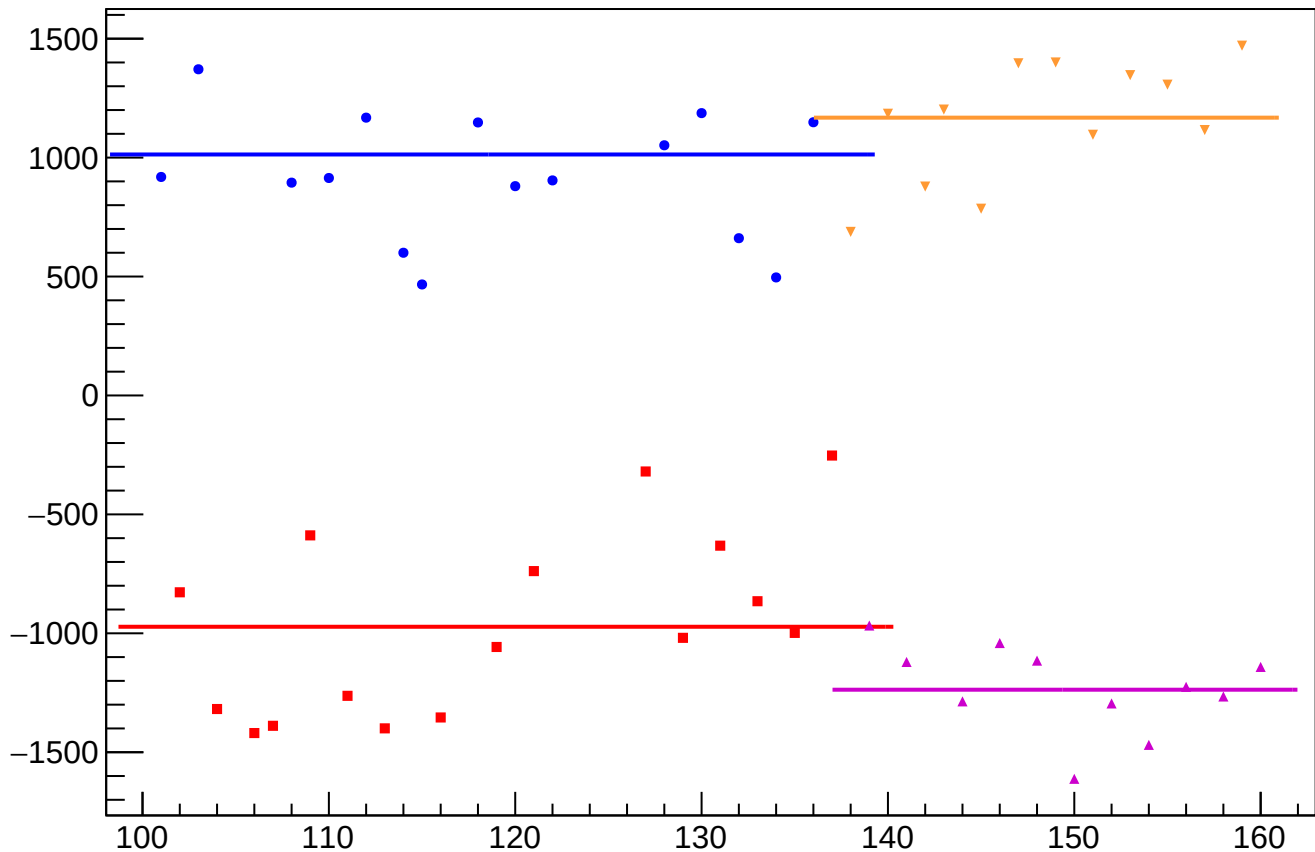
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Left Out: 5.524+/-0.000 χ^2/NDF : 1037921325796141419900309275148288.0/11
 Right Out: -4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15
 Left In: -5.441+/-0.000 χ^2/NDF : 969147874620390855399339032838144.0/10
 All: 0.024+/-0.000 χ^2/NDF : 91288067214025

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 5.366 $\pm$ 0.000 χ^2 /NDF: 18780724722063497096153009301225472.0/14
 Left Out: 2.251 $\pm$ 0.000 χ^2 /NDF: 401214907261745165005566645370880.0/11
 Right Out: -5.192 $\pm$ 0.000 χ^2 /NDF: 15749573754945345754432436952891392.0/15
 Left In: -2.162 $\pm$ 0.000 χ^2 /NDF: 138367938839103248546751049629696.0/10
 All: 0.027 $\pm$ 0.000 χ^2 /NDF: 80702506490782

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000

Left Out: 1167.974+/-0.000

Right Out: -972.465+/-0.000

Left In: -1237.150+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 54610138783870430946405205692756525056.0/11

χ^2/NDF : 78884457200782655962756069915468234752.0/15

χ^2/NDF : 30323445843993737164691986740223672320.0/10

Left: -39.161+/-0.000 χ^2/NDF : 2747267695574641

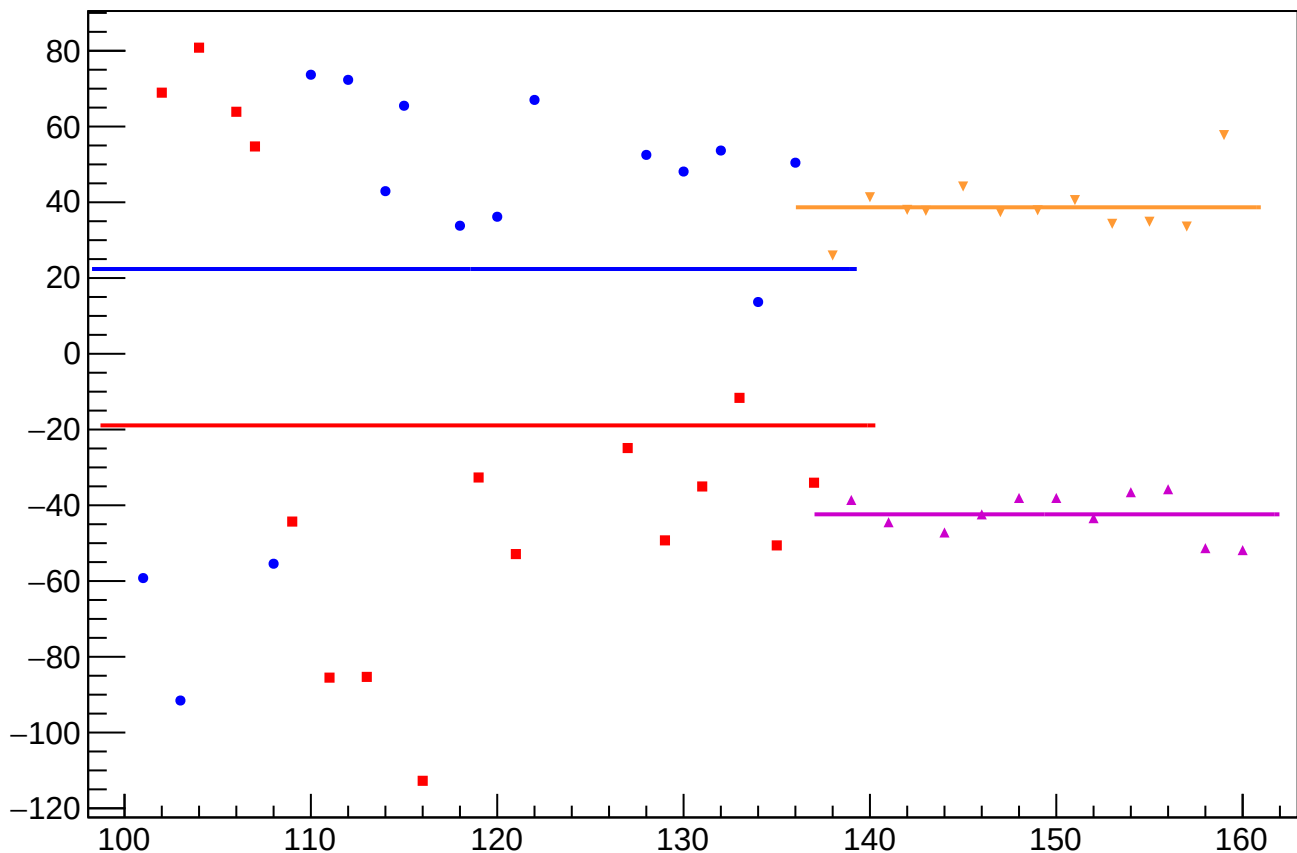
Right: 6.761+/-0.000 χ^2/NDF : 14074954421733032

In: -308.706+/-0.000 χ^2/NDF : 1992534711877389

Out: 266.665+/-0.000 χ^2/NDF : 1902566719354889

All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 22.385 $\pm$ 0.000

χ^2 /NDF: 1922260860023592637794094183323009024.0/14

Left Out: 38.679 $\pm$ 0.000

χ^2 /NDF: 50075878897811273484787289537118208.0/11

Right Out: -18.907 $\pm$ 0.000

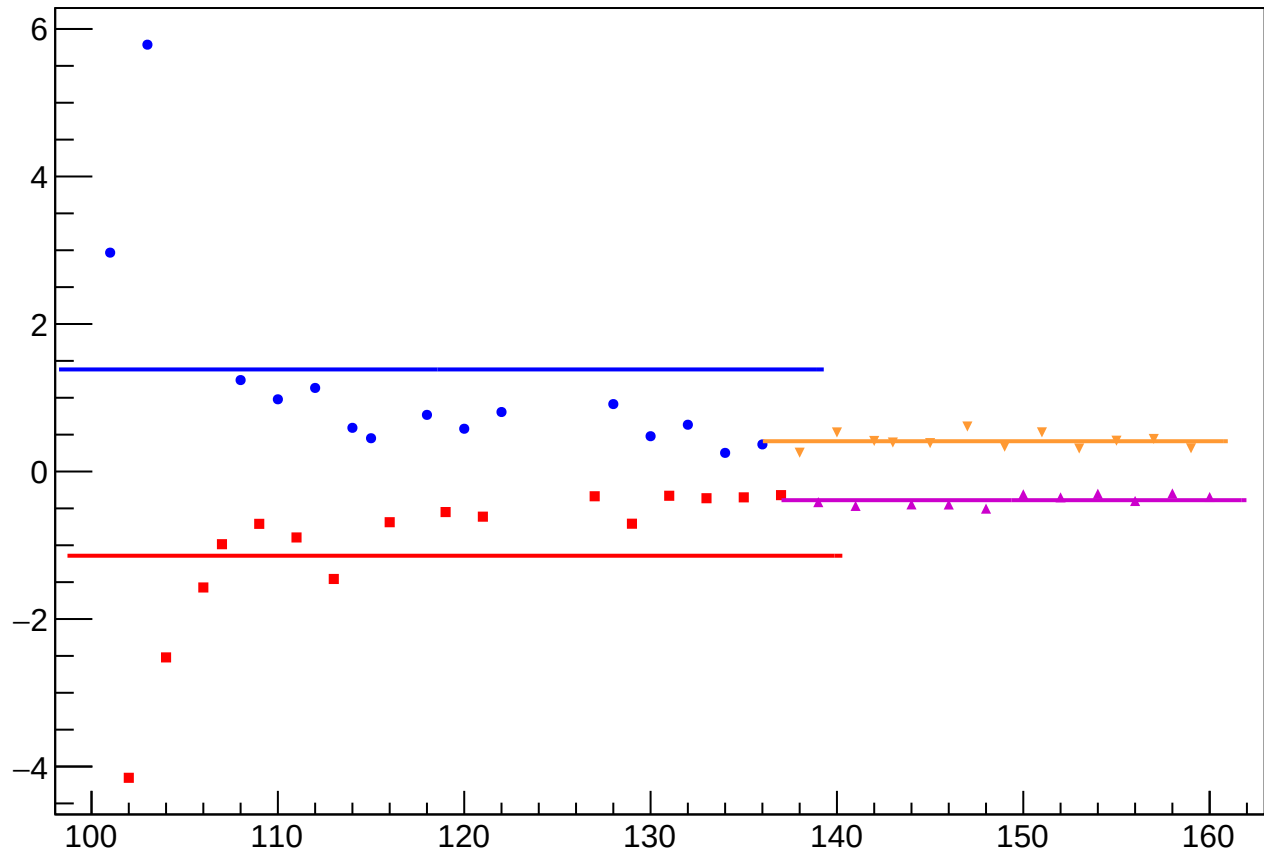
χ^2 /NDF: 2182221808408156293593993992757837824.0/15

Left In: -42.386 $\pm$ 0.000

χ^2 /NDF: 26555660128562986553016927486214144.0/10

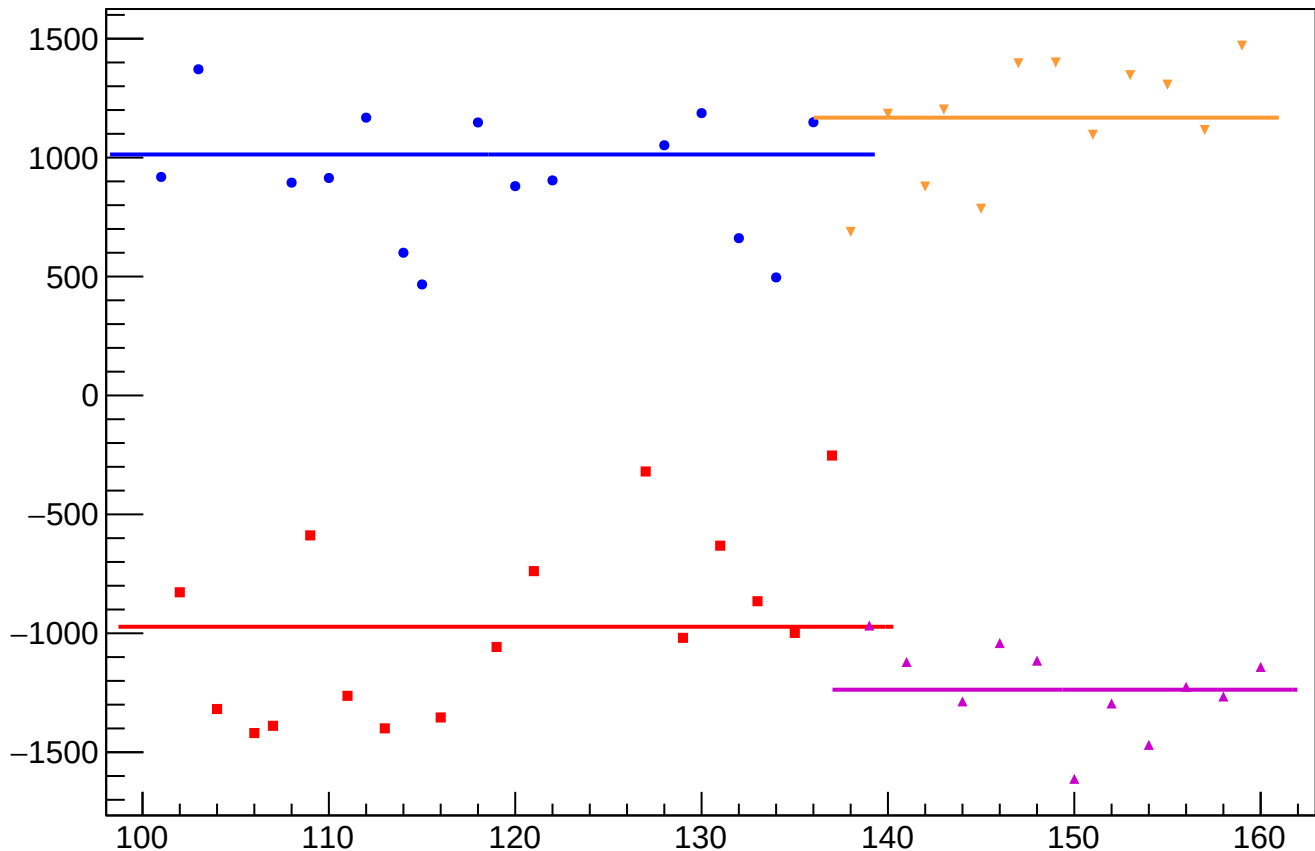
All: -0.564 $\pm$ 0.000 χ^2 /NDF: 7775684601059

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



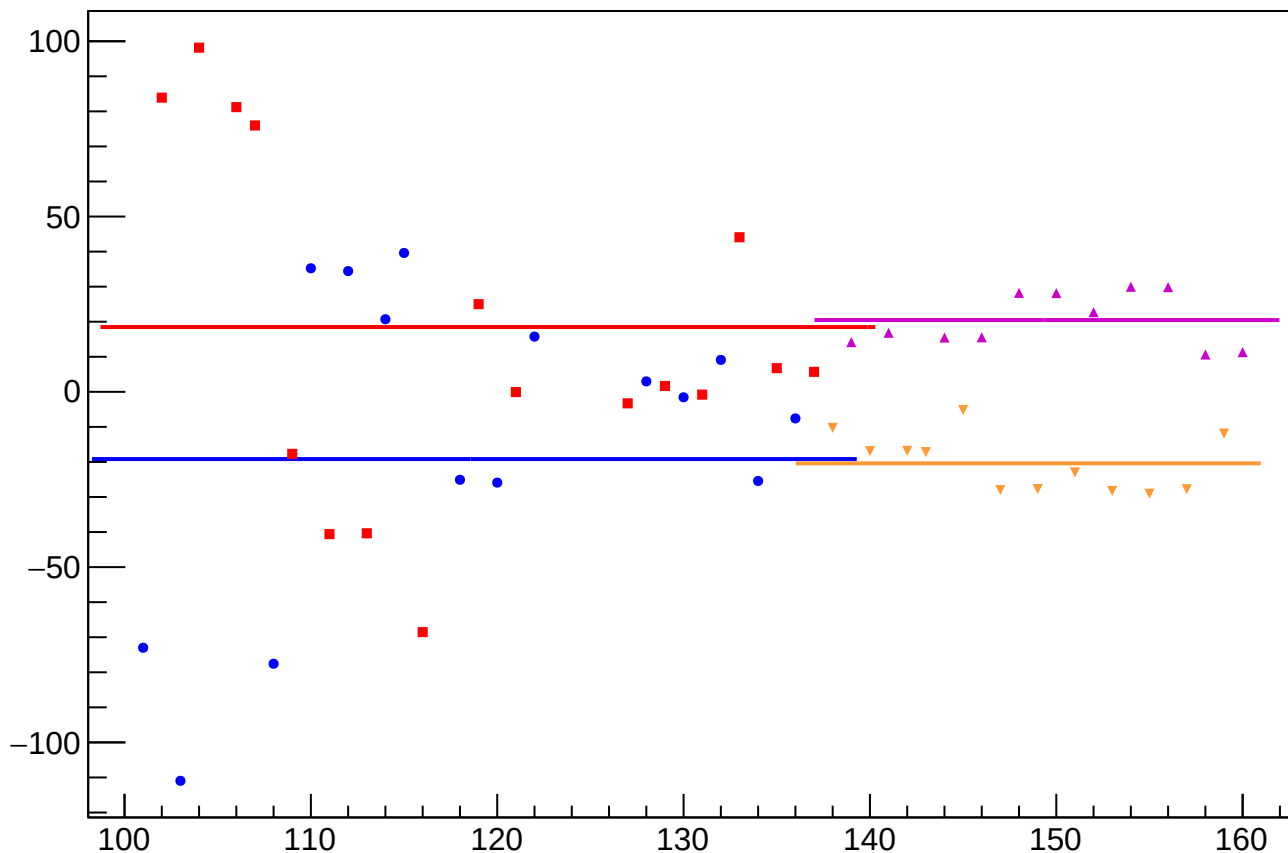
Left: 0.010 +/- 0.000 χ^2/NDF : 308033917045315880
 Right: 0.104 +/- 0.000 χ^2/NDF : 44802957007729023
 In: 0.343 +/- 0.000 χ^2/NDF : 2773530065340727089
 Out: -0.243 +/- 0.000 χ^2/NDF : 17508789052187470
 All: 0.049 +/- 0.000 χ^2/NDF : 47951501447607

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175 ± 0.000

Left Out: -20.399 ± 0.000

Right Out: 18.479 ± 0.000

Left In: 20.473 ± 0.000

χ^2/NDF : 1246364705689764961102868160463241216.0/14

χ^2/NDF : 59795874846132016074625786396540928.0/11

χ^2/NDF : 1489398115046175180640331393369374720.0/15

χ^2/NDF : 48484953363349820110348478937300992.0/10

Left: 0.115 ± 0.000 χ^2/NDF : 877117700035024784

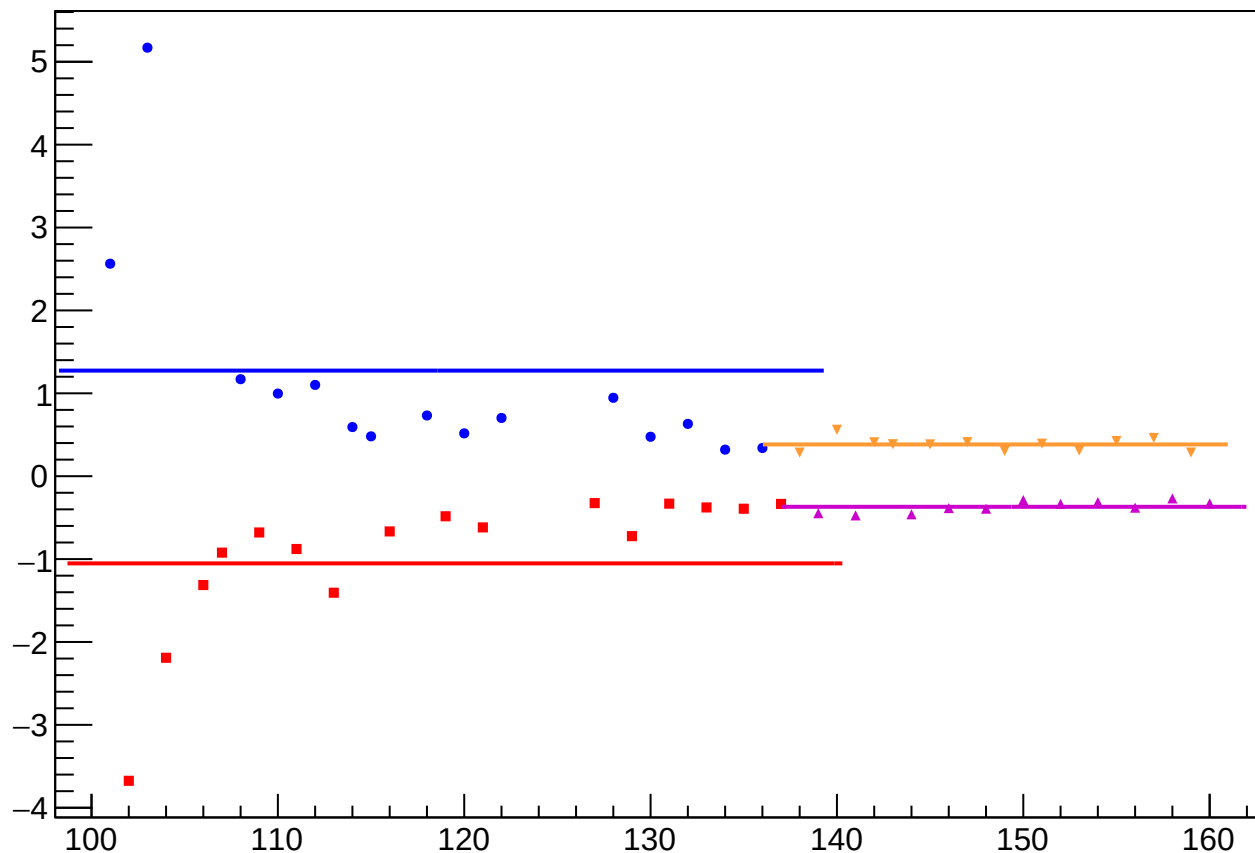
Right: -0.091 ± 0.000 χ^2/NDF : 3202145485356183

In: 4.115 ± 0.000 χ^2/NDF : 1894138593068178389

Out: -4.028 ± 0.000 χ^2/NDF : 21328298353726143

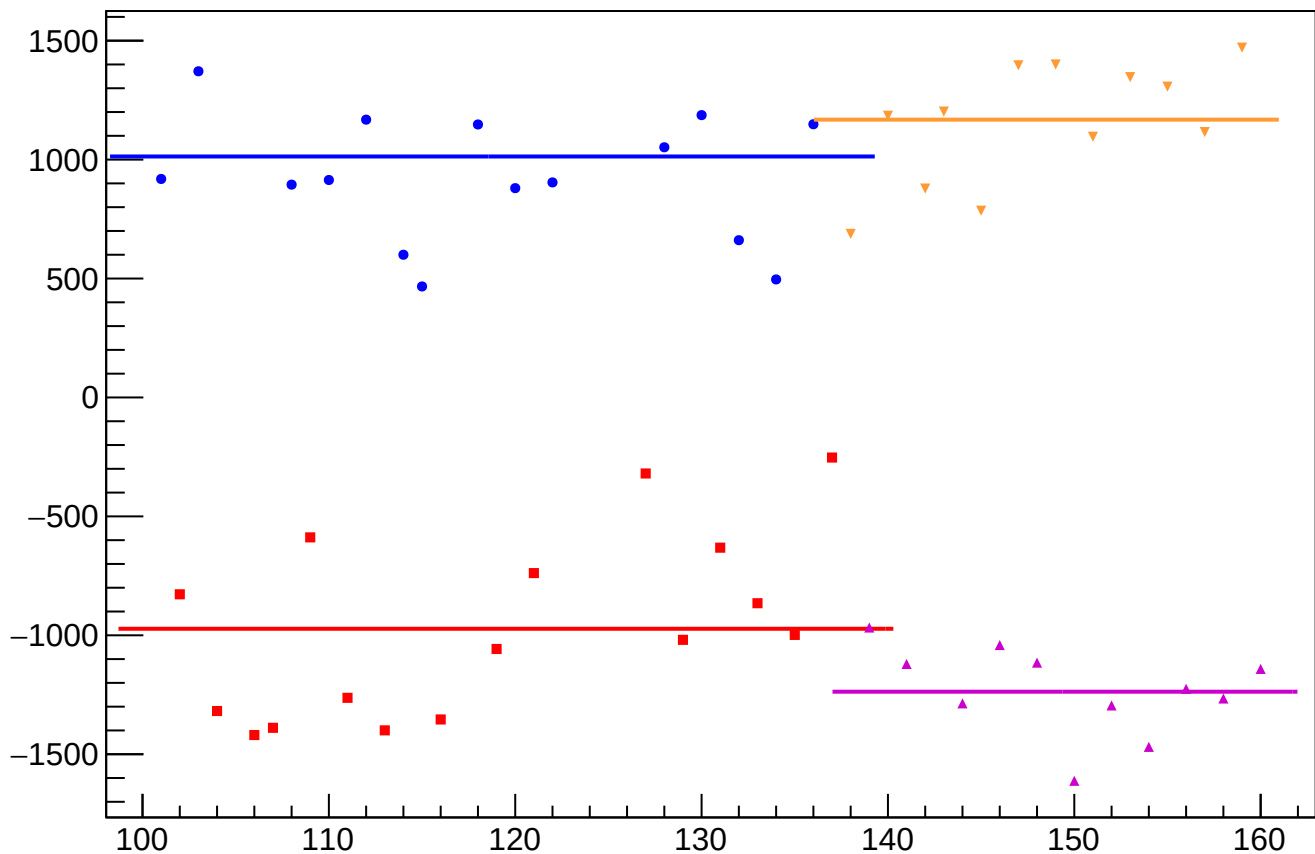
All: 0.029 ± 0.000 χ^2/NDF : 40792955785937

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



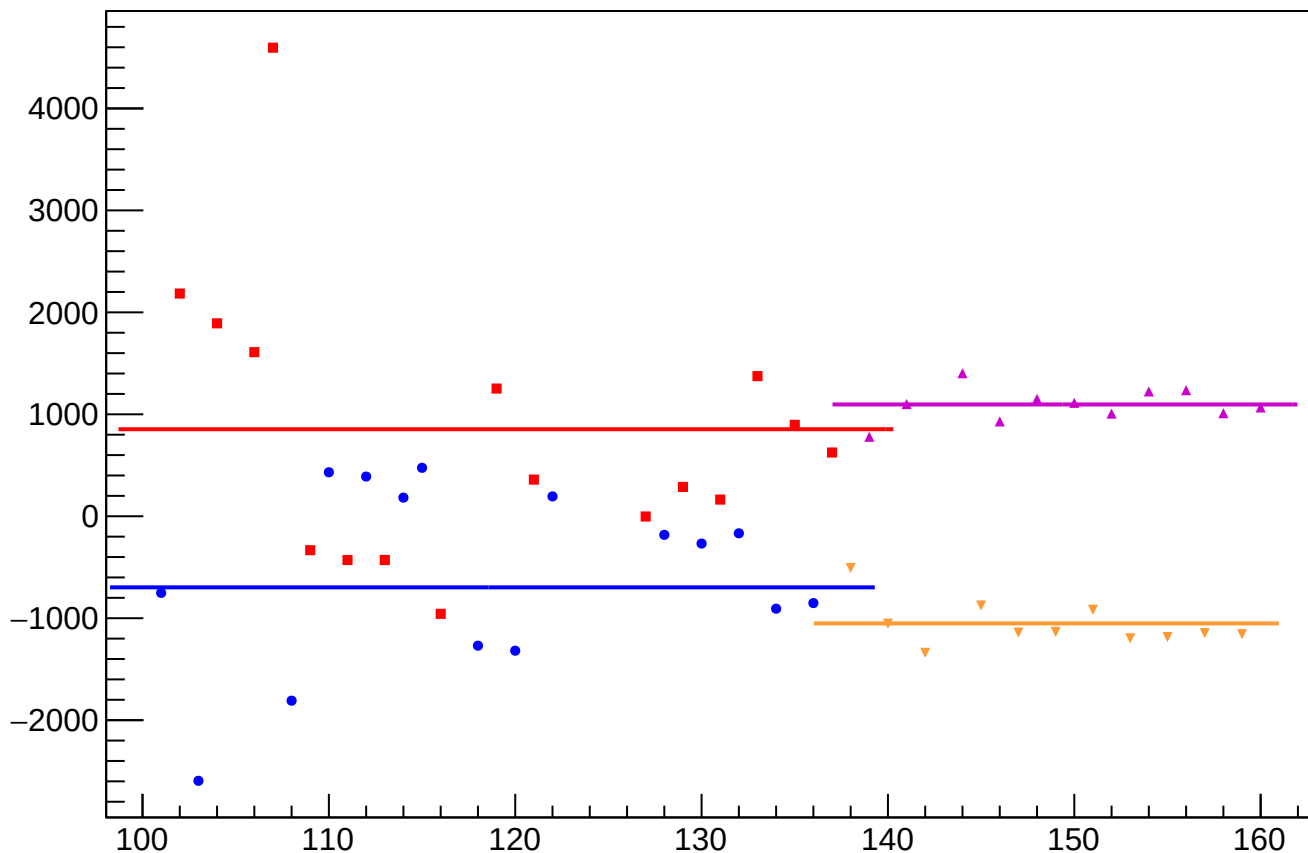
Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.383+/-0.000 χ^2/NDF : 5804905550420528910426527760384.0/11
 Right Out: -1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: -0.369+/-0.000 χ^2/NDF : 4166350638848138676707816112128.0/10
 All: 0.043+/-0.000 χ^2/NDF : 38754292019380

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283+/-0.000

χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -1050.953+/-0.000

χ^2/NDF : 36829070766461393403765229942747430912.0/10

Right Out: 853.734+/-0.000

χ^2/NDF : 1078379020126412317155932275156201766912.0/15

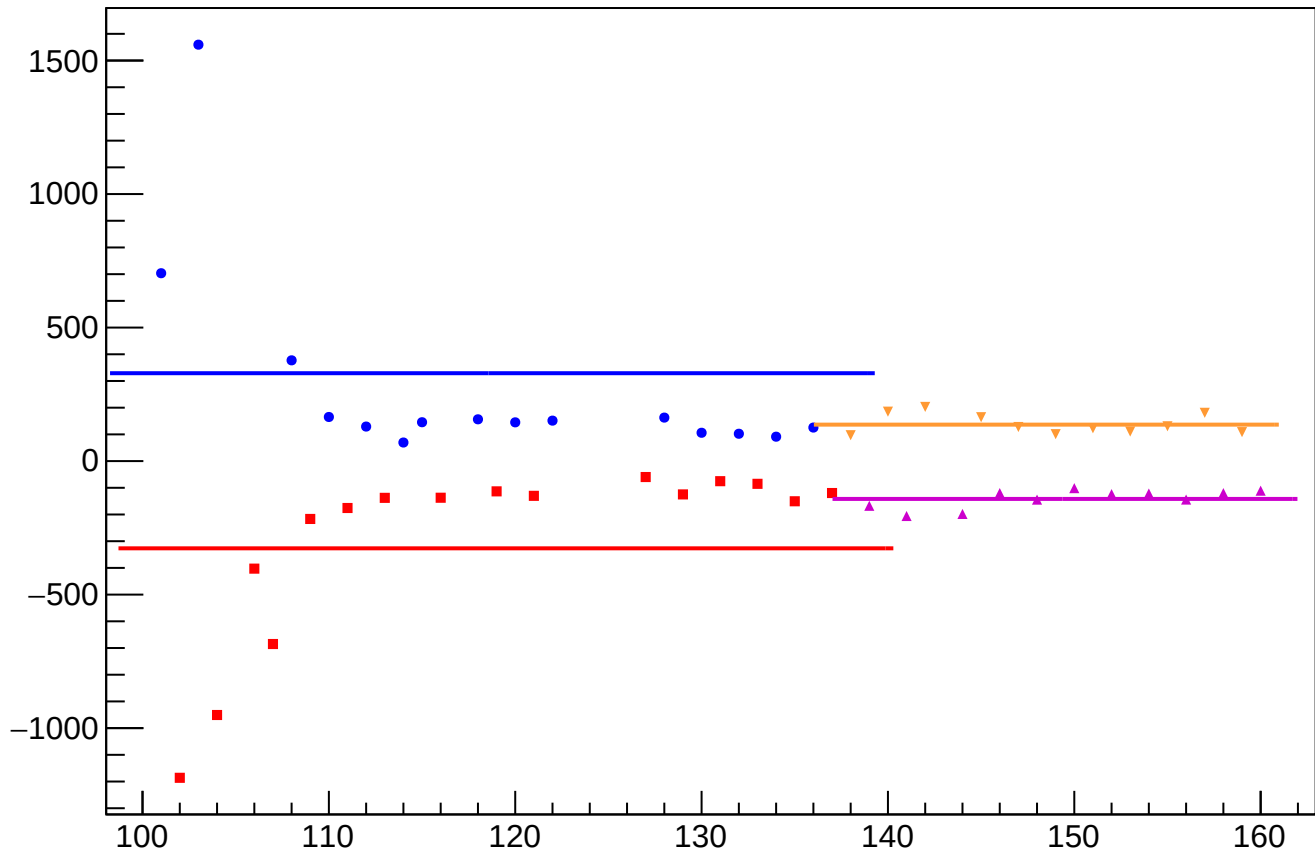
Left In: 1096.508+/-0.000

χ^2/NDF : 23397092464085092375008014674557927424.0/10

All: 76.624+/-0.000

χ^2/NDF : 4462374559981

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 329.108 +/- 0.000

χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 136.529 +/- 0.000

χ^2/NDF : 986372818283314141100082094359445504.0/10

Right Out: -326.695 +/- 0.000

χ^2/NDF : 87569123354318020688611028415151079424.0/15

Left In: -141.688 +/- 0.000

χ^2/NDF : 1044882408057849194081424130600599552.0/10

Left: -8.382 +/- 0.000 χ^2/NDF : 36300457914092733

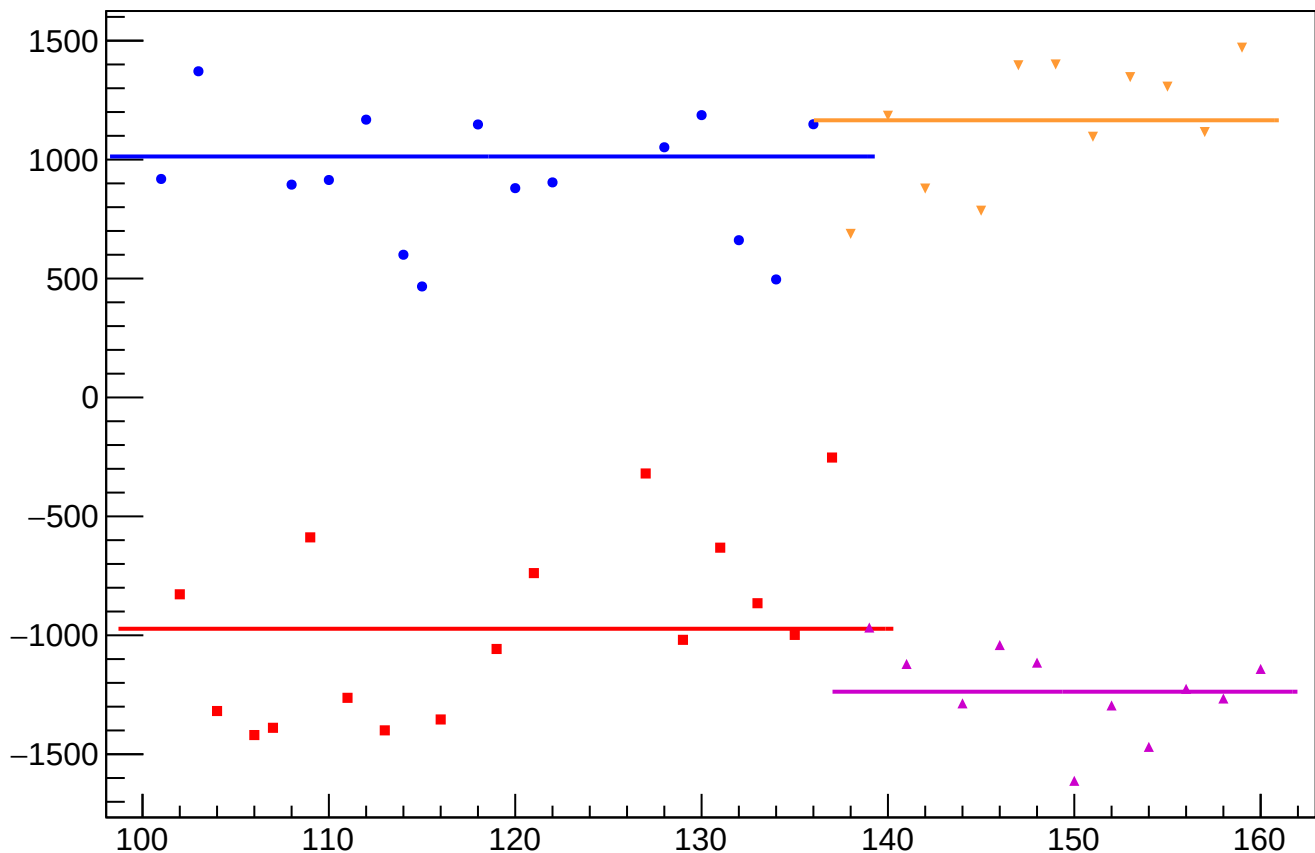
Right: -3.278 +/- 0.000 χ^2/NDF : 3459018192319126

In: 52.557 +/- 0.000 χ^2/NDF : 202408036379918354

Out: -67.143 +/- 0.000 χ^2/NDF : 1687492144222724

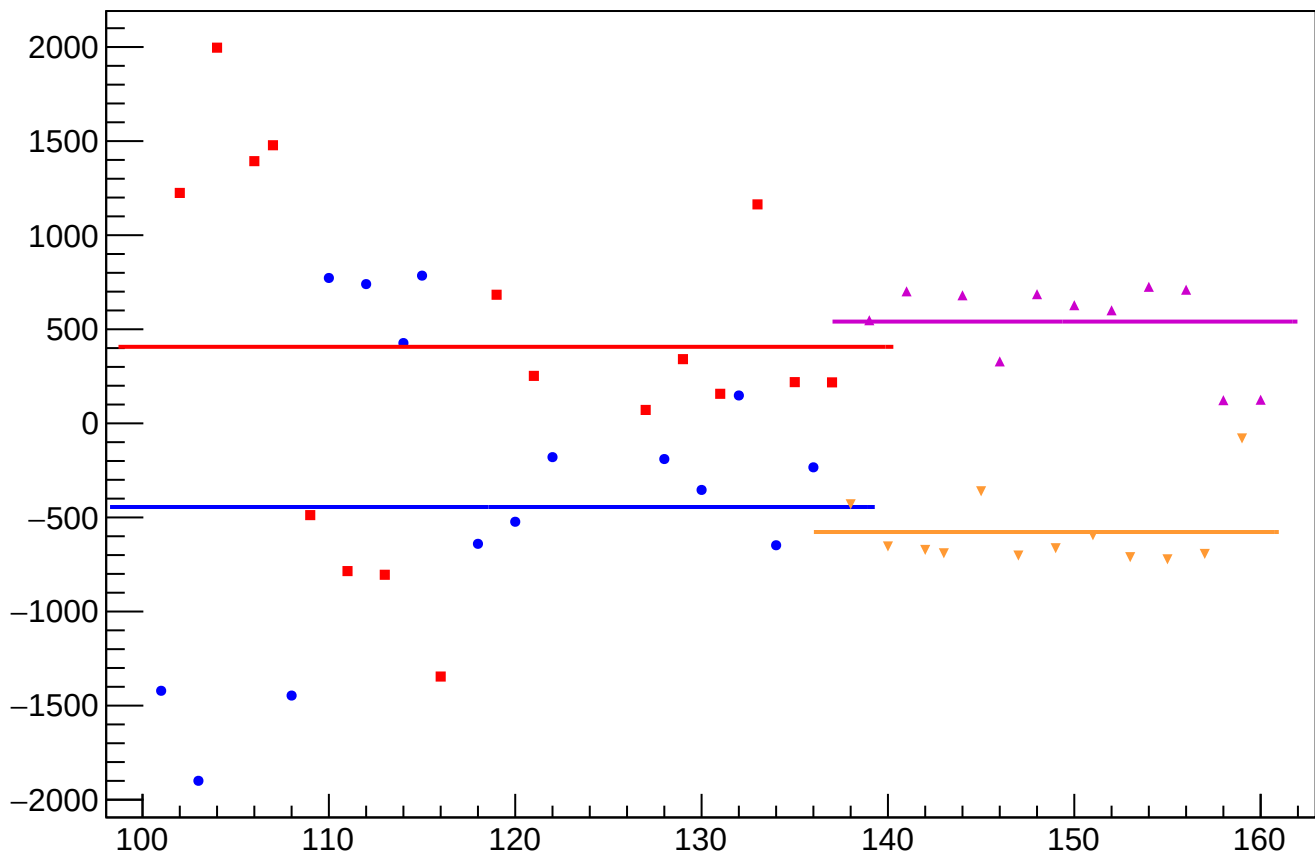
All: -6.209 +/- 0.000 χ^2/NDF : 3822219588466

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1165.293+/-0.000 χ^2/NDF : 54526526454727326957619493827495591936.0/10
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -46.515+/-0.000 χ^2/NDF : 405416159509

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000

χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -577.377+/-0.000

χ^2/NDF : 33181983455831153585838816290043592704.0/11

Right Out: 406.729+/-0.000

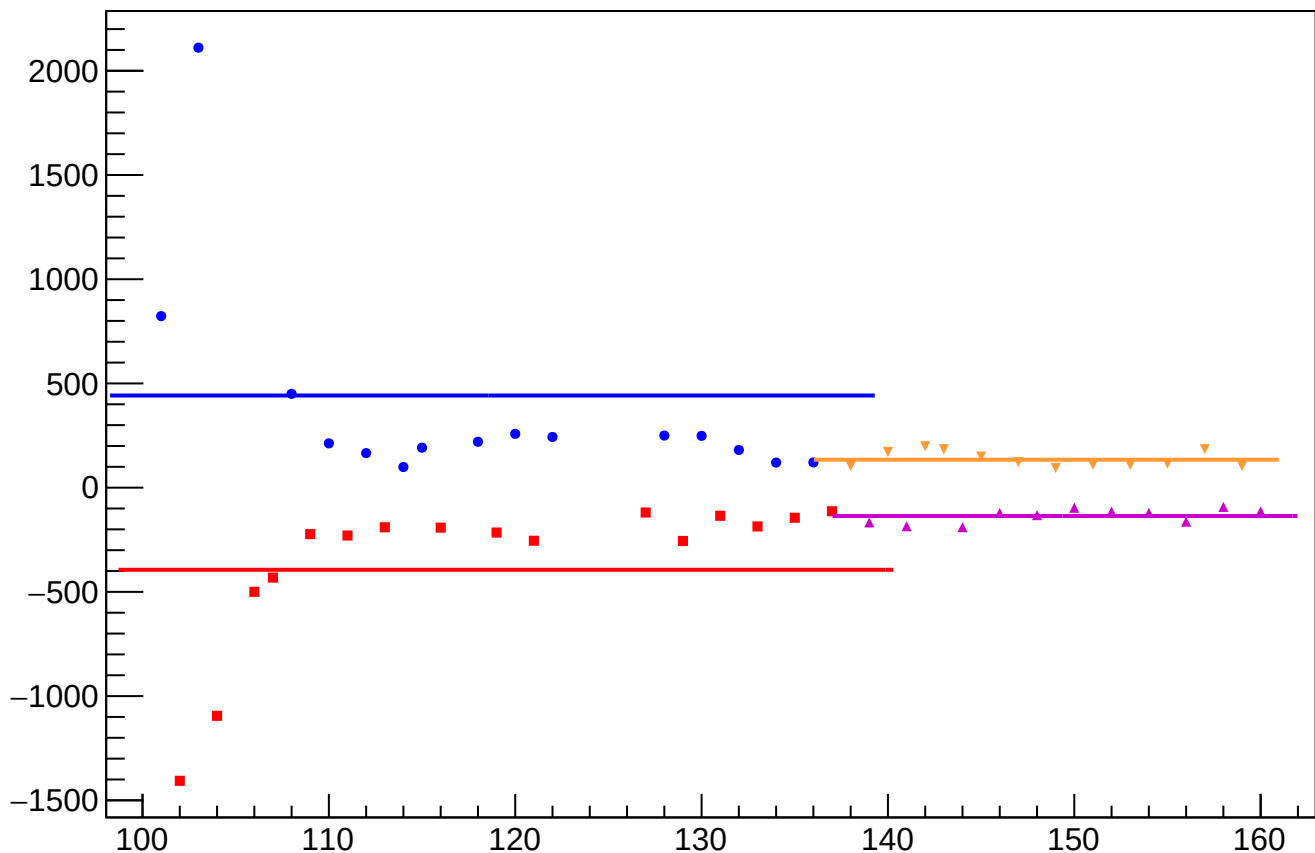
χ^2/NDF : 529122421866774810012941782239129108480.0/15

Left In: 540.842+/-0.000

χ^2/NDF : 42670193317497817911030367466366697472.0/10

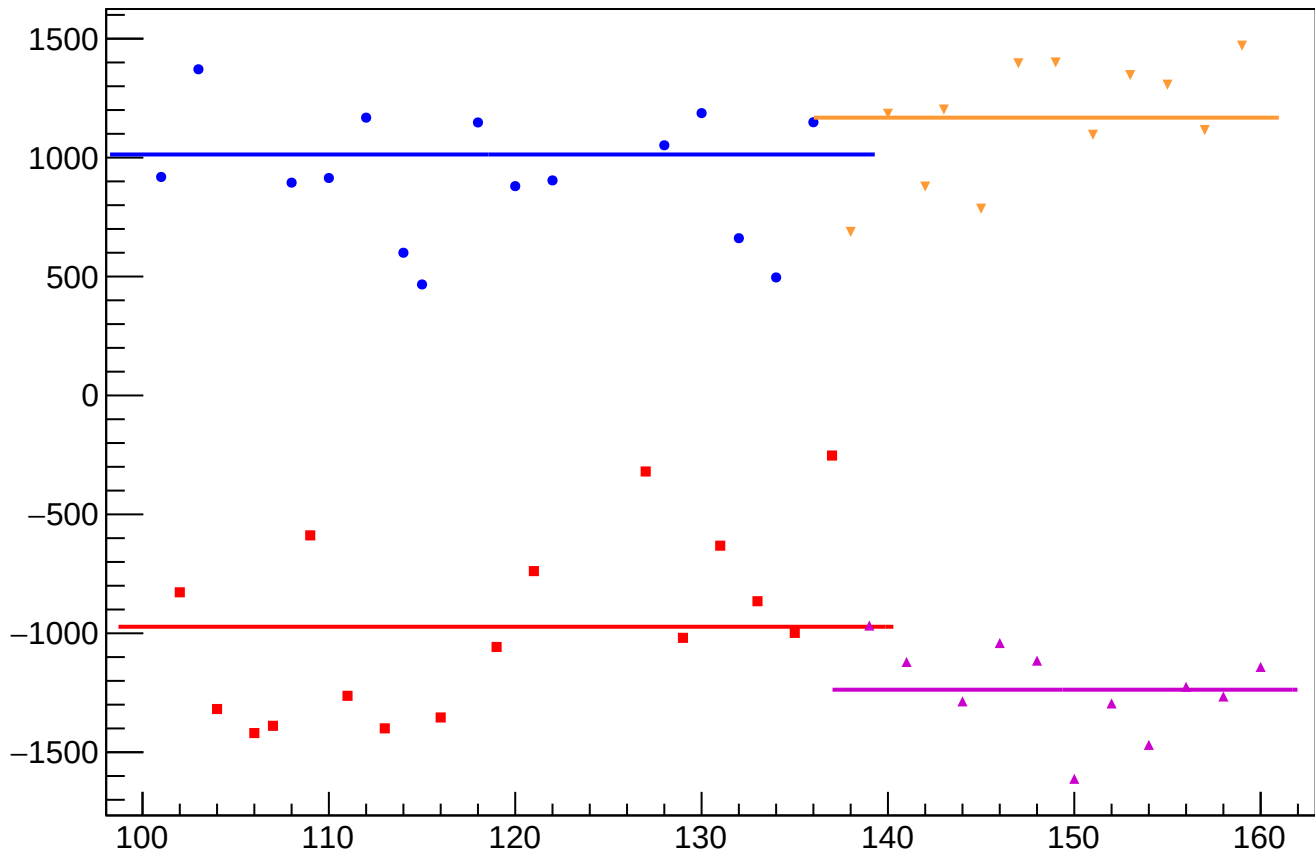
All: -14.861+/-0.000 χ^2/NDF : 181531095518

dit_usr_coil6_err_mean vs Slug, Sign Corrected



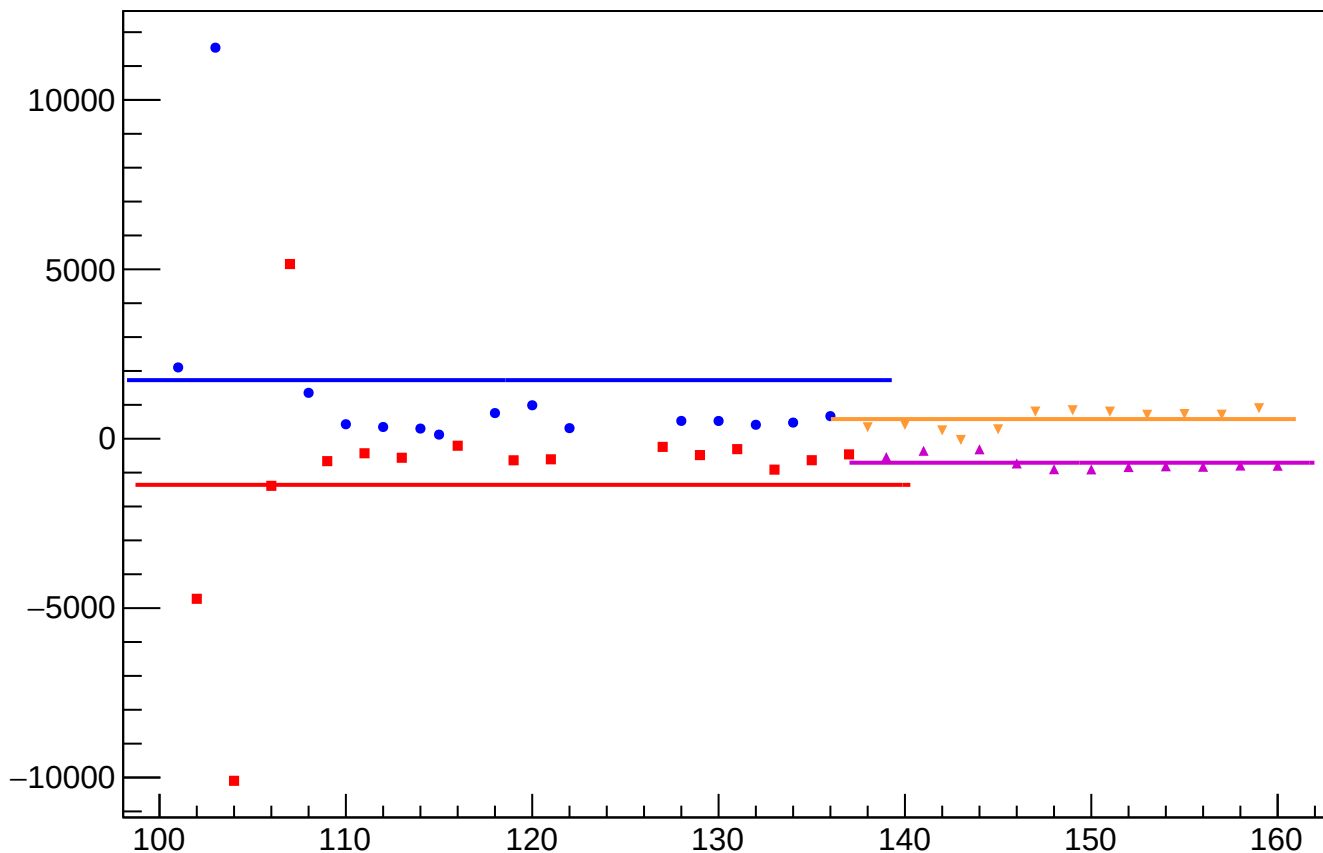
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14
 Left Out: 134.122+/-0.000 χ^2/NDF : 1108150296028178587463342476455051264.0/11
 Right Out: -394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15
 Left In: -136.040+/-0.000 χ^2/NDF : 1011093061479650527261127450495549440.0/10
 All: 6.789+/-0.000 χ^2/NDF : 57591258624057

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



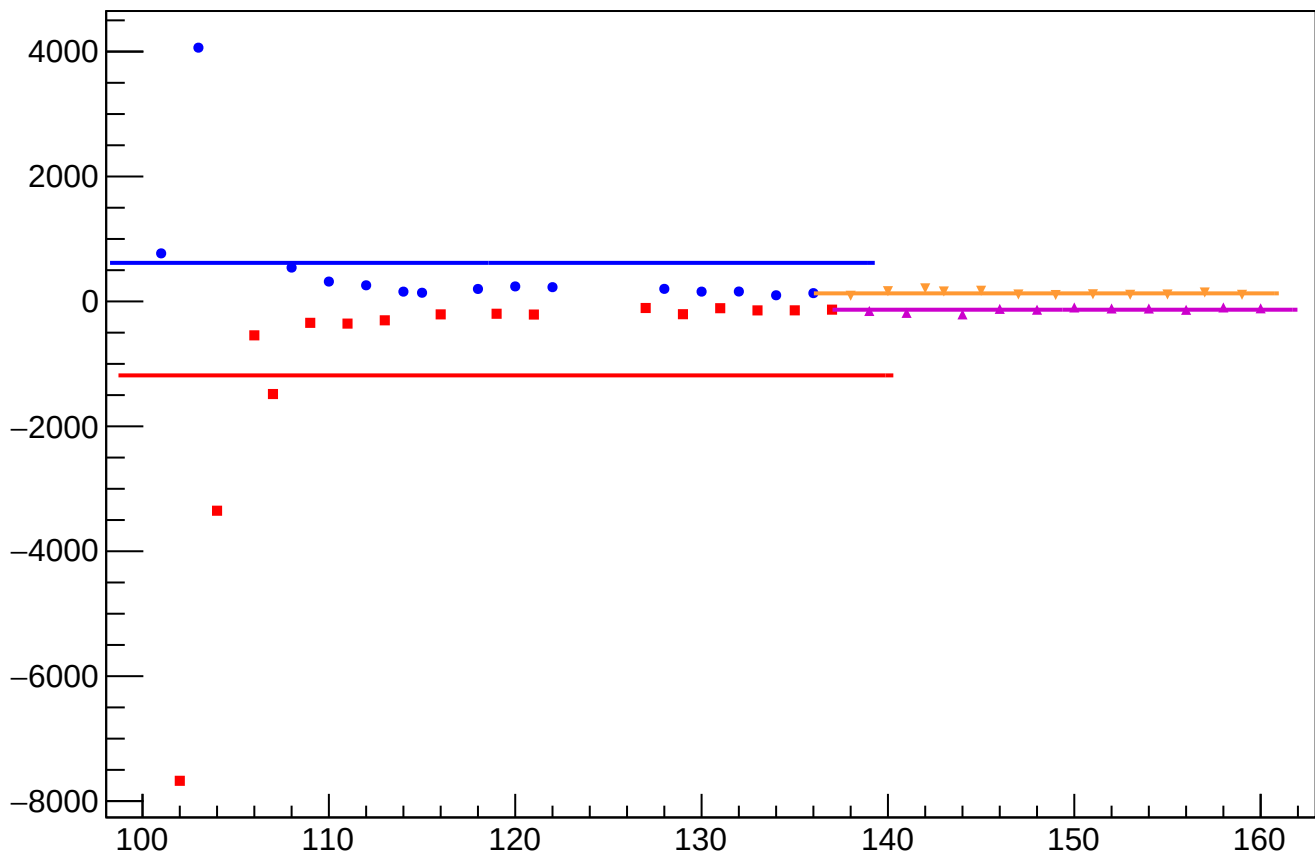
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_atl1_coil6_mean vs Slug, Sign Corrected



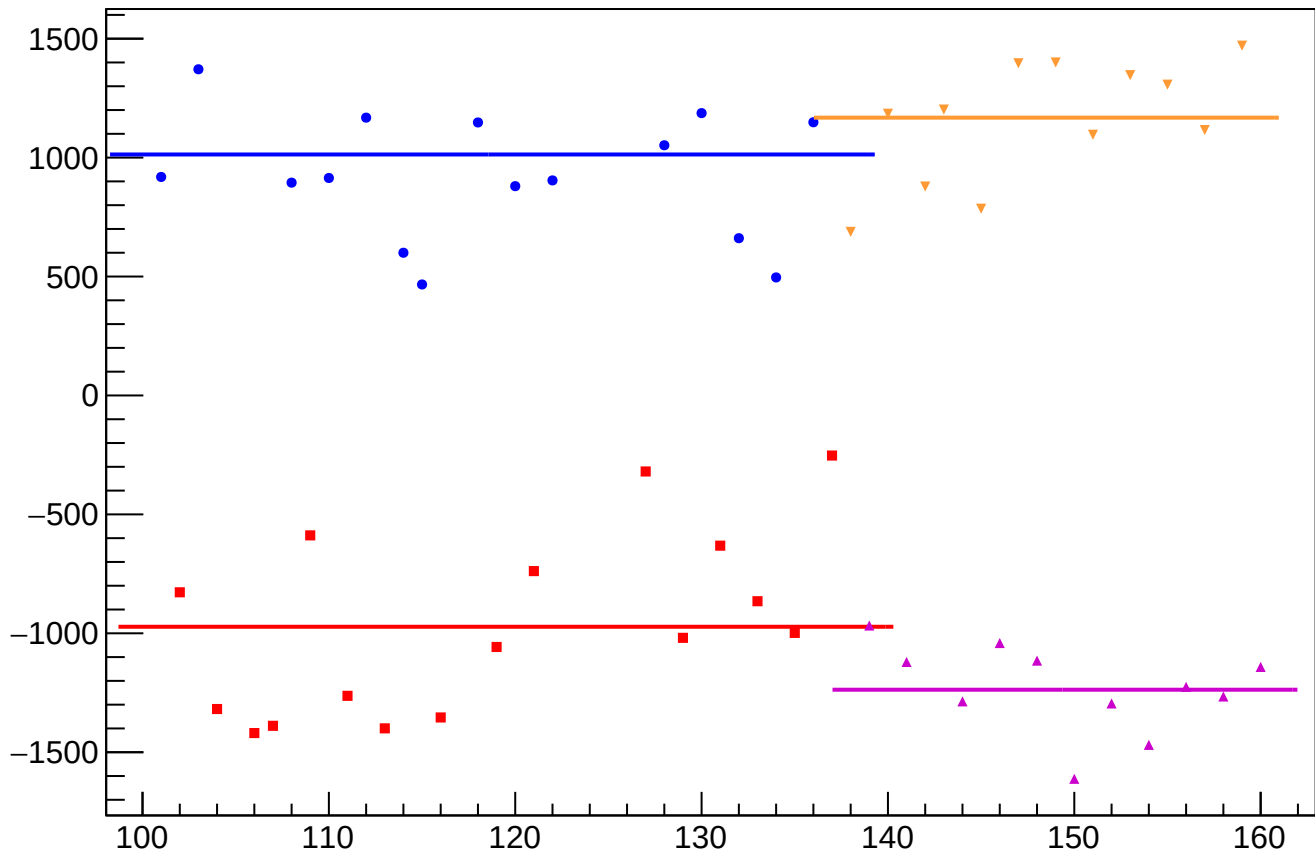
Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 580.248+/-0.000 χ^2/NDF : 70857978434076624009429979212728500224.0/11
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: -707.889+/-0.000 χ^2/NDF : 38116486188817980699032426002432131072.0/10
 All: 29.268+/-0.000 χ^2/NDF : 1689828119221

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



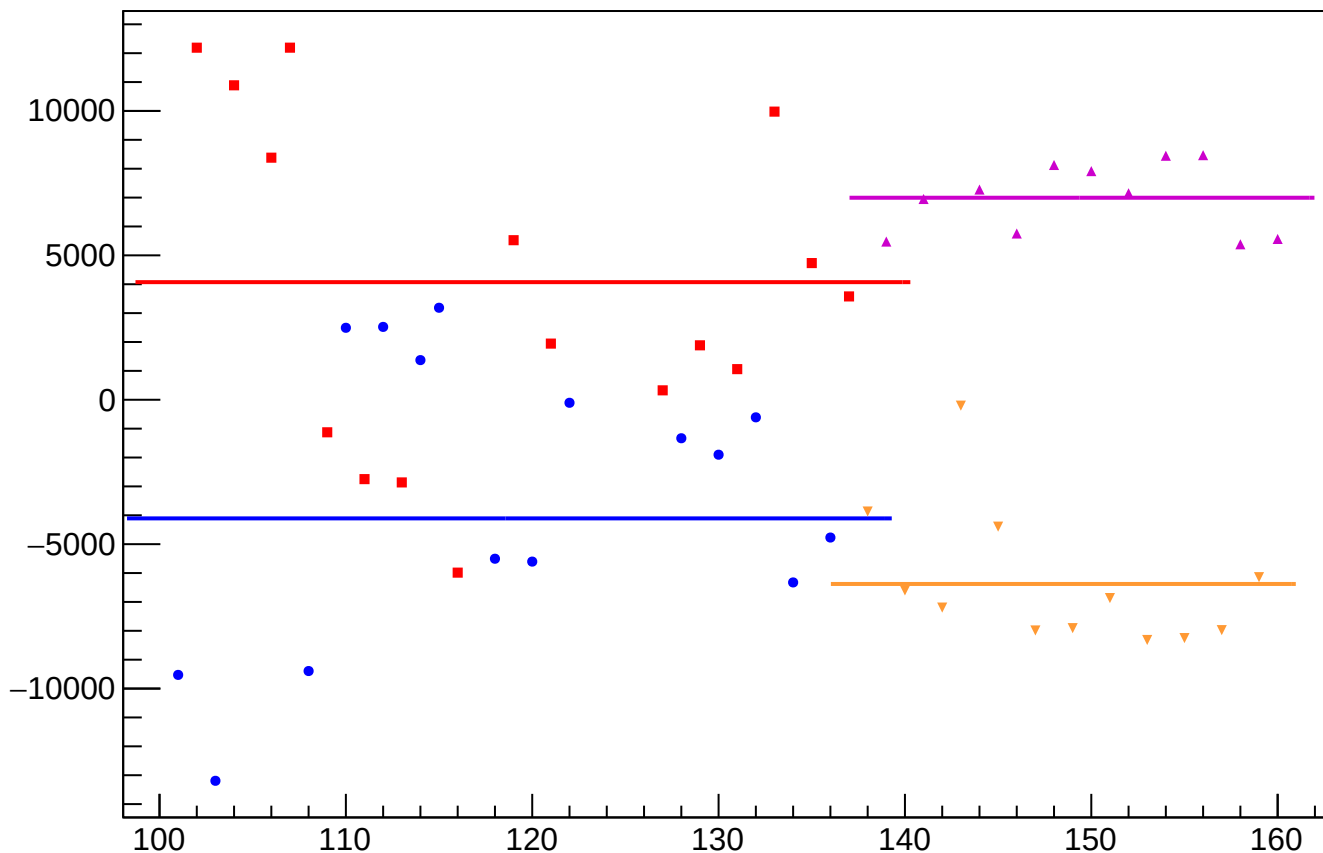
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14
 Left Out: 128.916+/-0.000 χ^2/NDF : 946446281889996410736335590619348992.0/11
 Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15
 Left In: -132.869+/-0.000 χ^2/NDF : 1091839085664014112201463155711279104.0/10
 All: -124.752+/-0.000 χ^2/NDF : 51271351902

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: -4107.443+/-0.000

Left Out: -6377.972+/-0.000

Right Out: 4072.120+/-0.000

Left In: 6994.812+/-0.000

χ^2/NDF : 14527436324982031454277780831211819630592.0/14

χ^2/NDF : 4622591154954588275207693526333594271744.0/11

χ^2/NDF : 20367171423690168095778854678764929941504.0/15

χ^2/NDF : 1231738289385705389055875270097690951680.0/10

Left: 333.844+/-0.000 χ^2/NDF : 8816027635045107

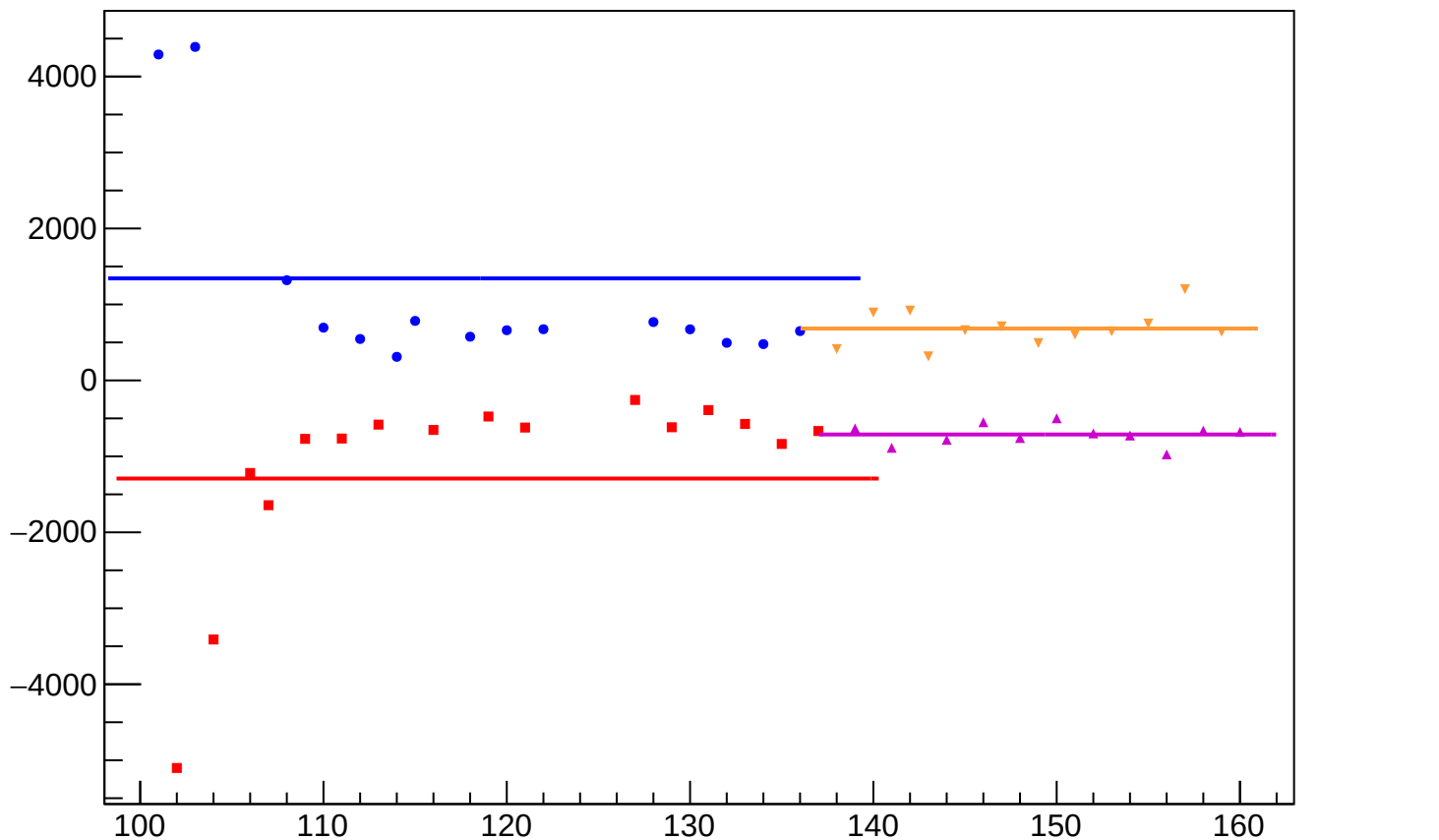
Right: 38.278+/-0.000 χ^2/NDF : 5690231407009786

In: 2414.162+/-0.000 χ^2/NDF : 6274970680925114

Out: -1977.586+/-0.000 χ^2/NDF : 67157489974478

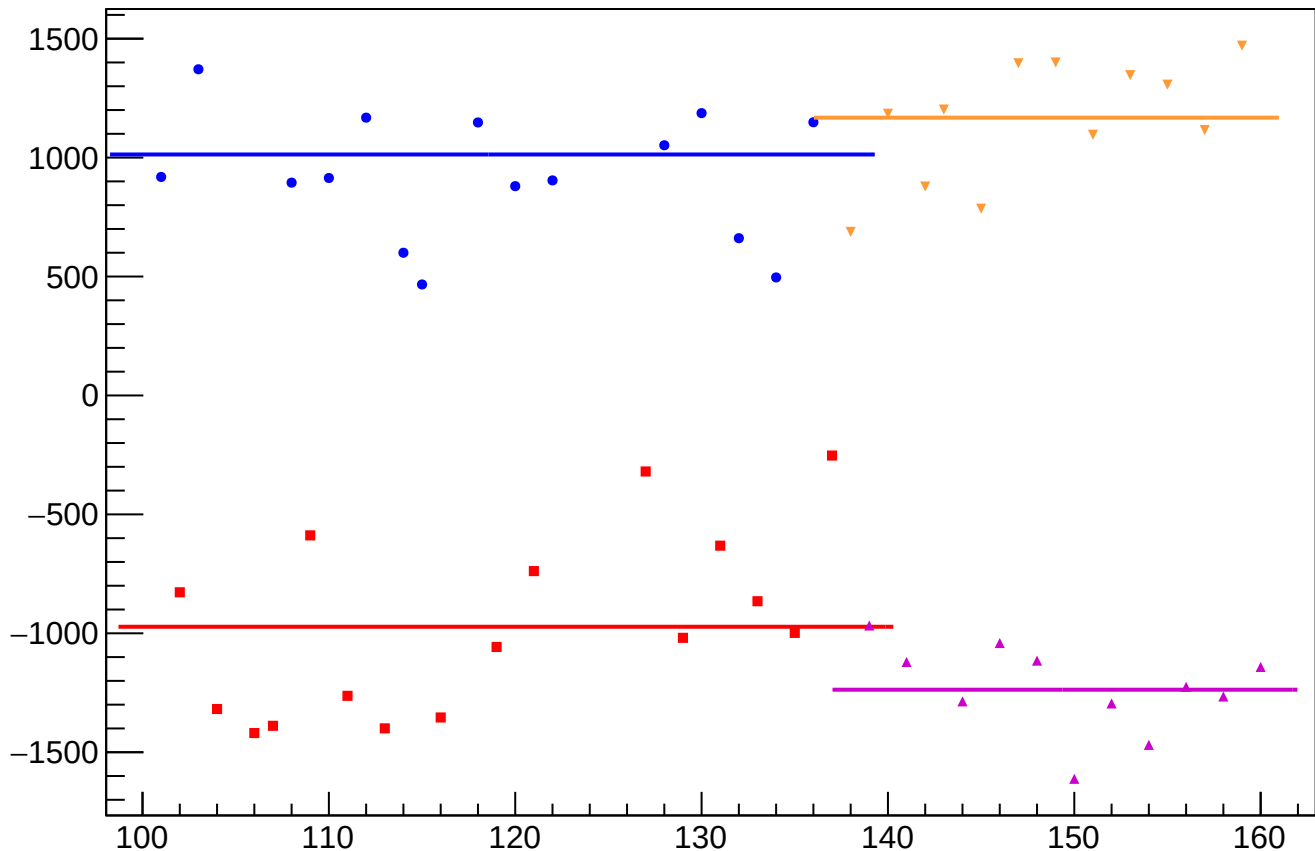
All: 210.636+/-0.000 χ^2/NDF : 145129632004

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



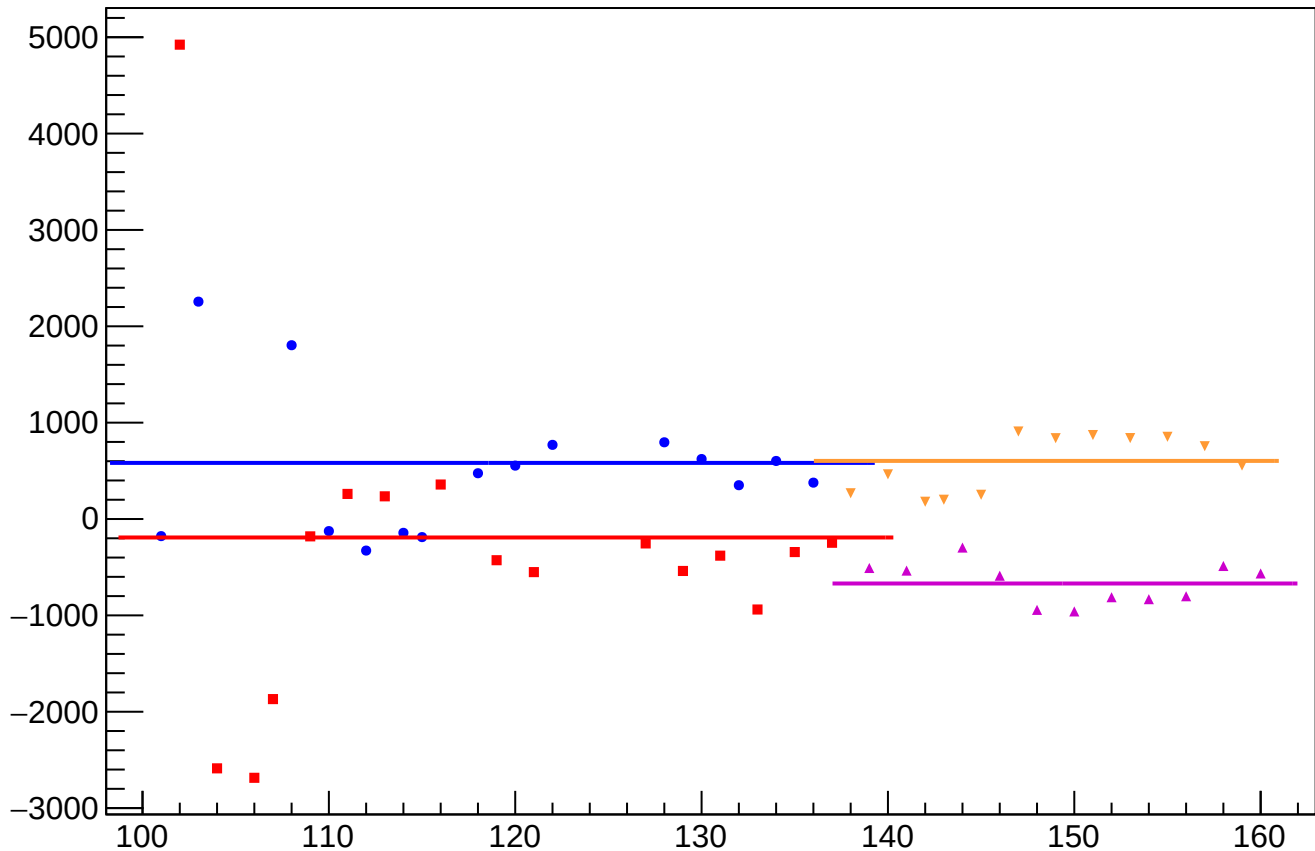
Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 683.065+/-0.000 χ^2/NDF : 46379995695844949663521519572812300288.0/11
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -711.726+/-0.000 χ^2/NDF : 15873419979583207307068429247017123840.0/10
 All: -6.676+/-0.000 χ^2/NDF : 5883243958670

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



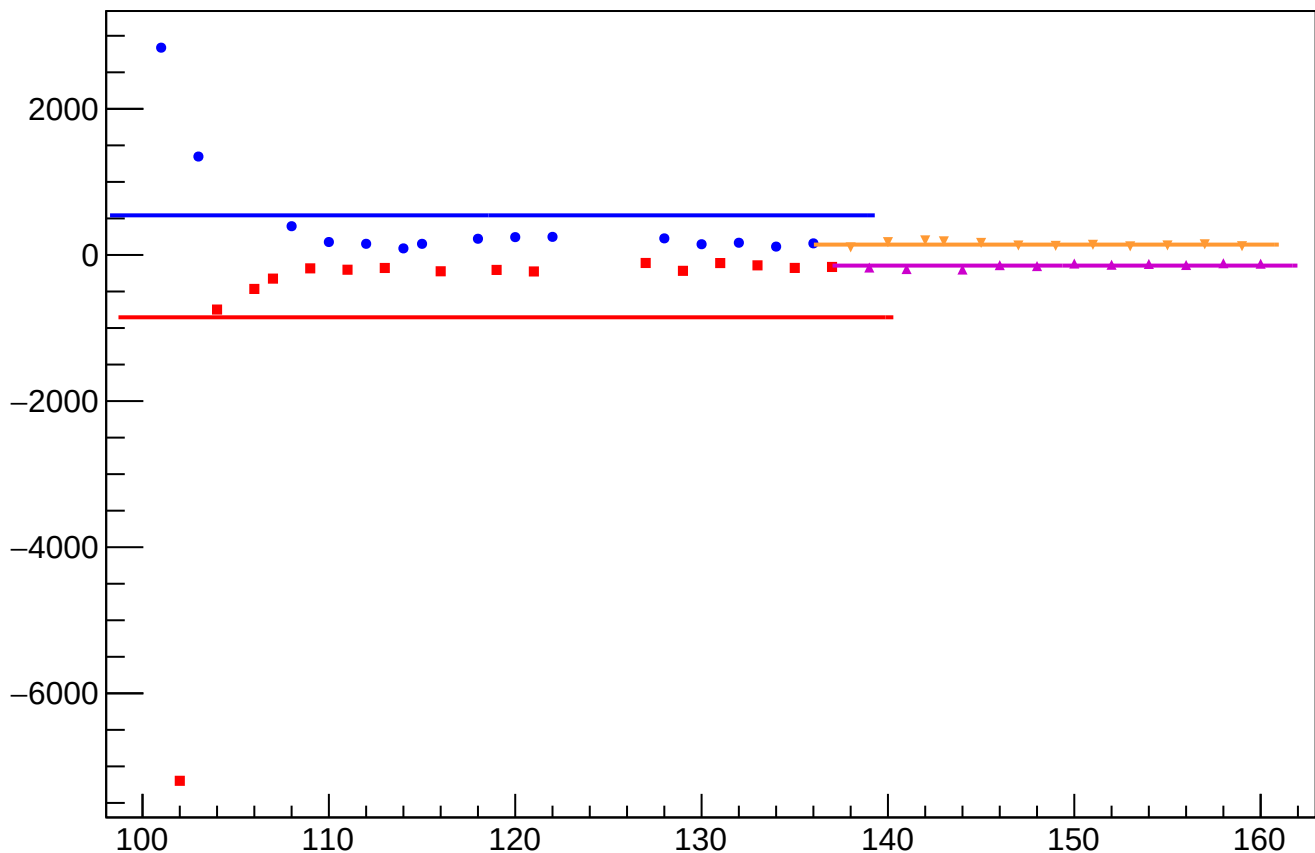
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_atr1_coil6_mean vs Slug, Sign Corrected



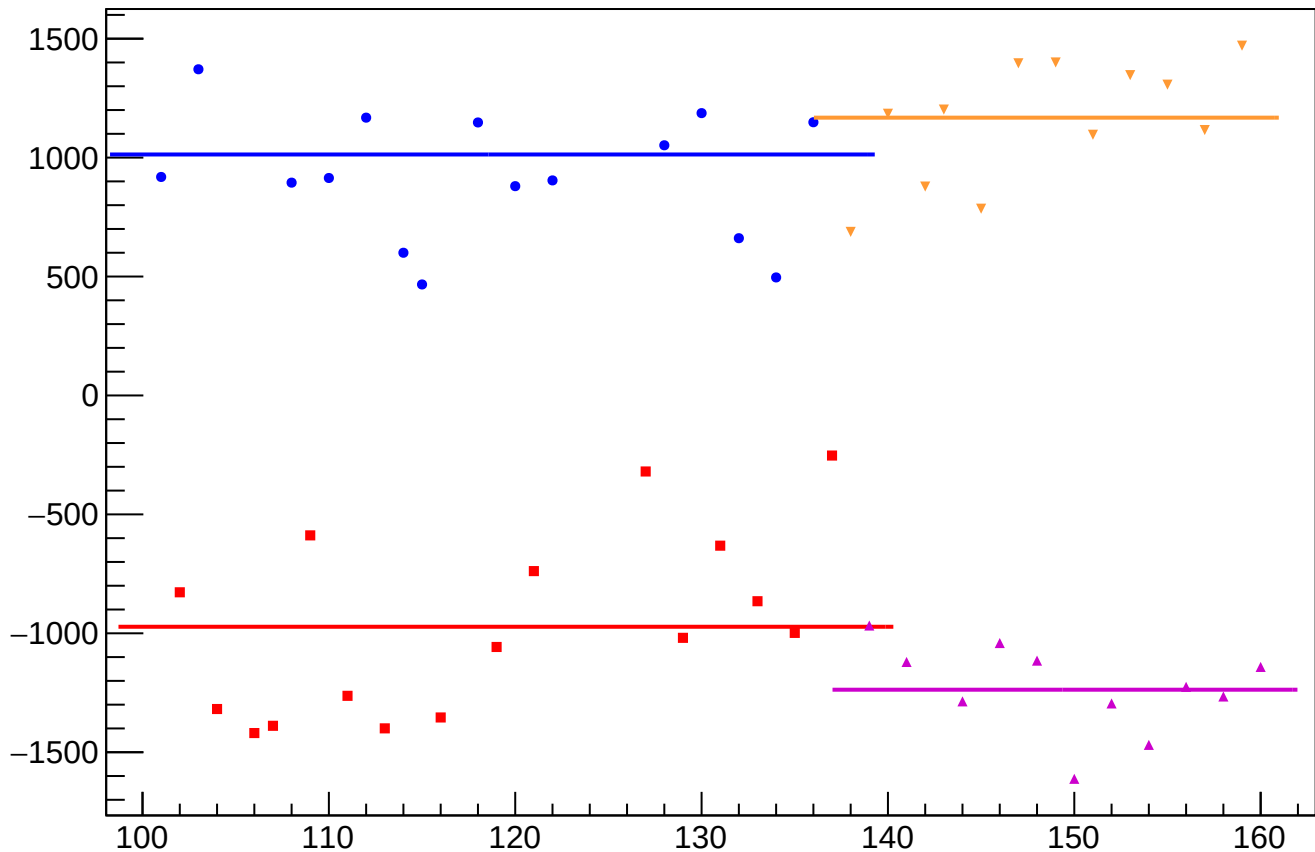
Right In: 582.390 ± 0.000 $\chi^2/\text{NDF}: 338796567623032040072791996460490031104.0/14$
 Left Out: 603.094 ± 0.000 $\chi^2/\text{NDF}: 68810038419463001004878574988679970816.0/11$
 Right Out: -191.587 ± 0.000 $\chi^2/\text{NDF}: 2168762120552346223416743005020716269568.0/15$
 Left In: -669.155 ± 0.000 $\chi^2/\text{NDF}: 39481195240563617253842230522616479744.0/10$
 All: 58.575 ± 0.000 $\chi^2/\text{NDF}: 3596899884721$

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



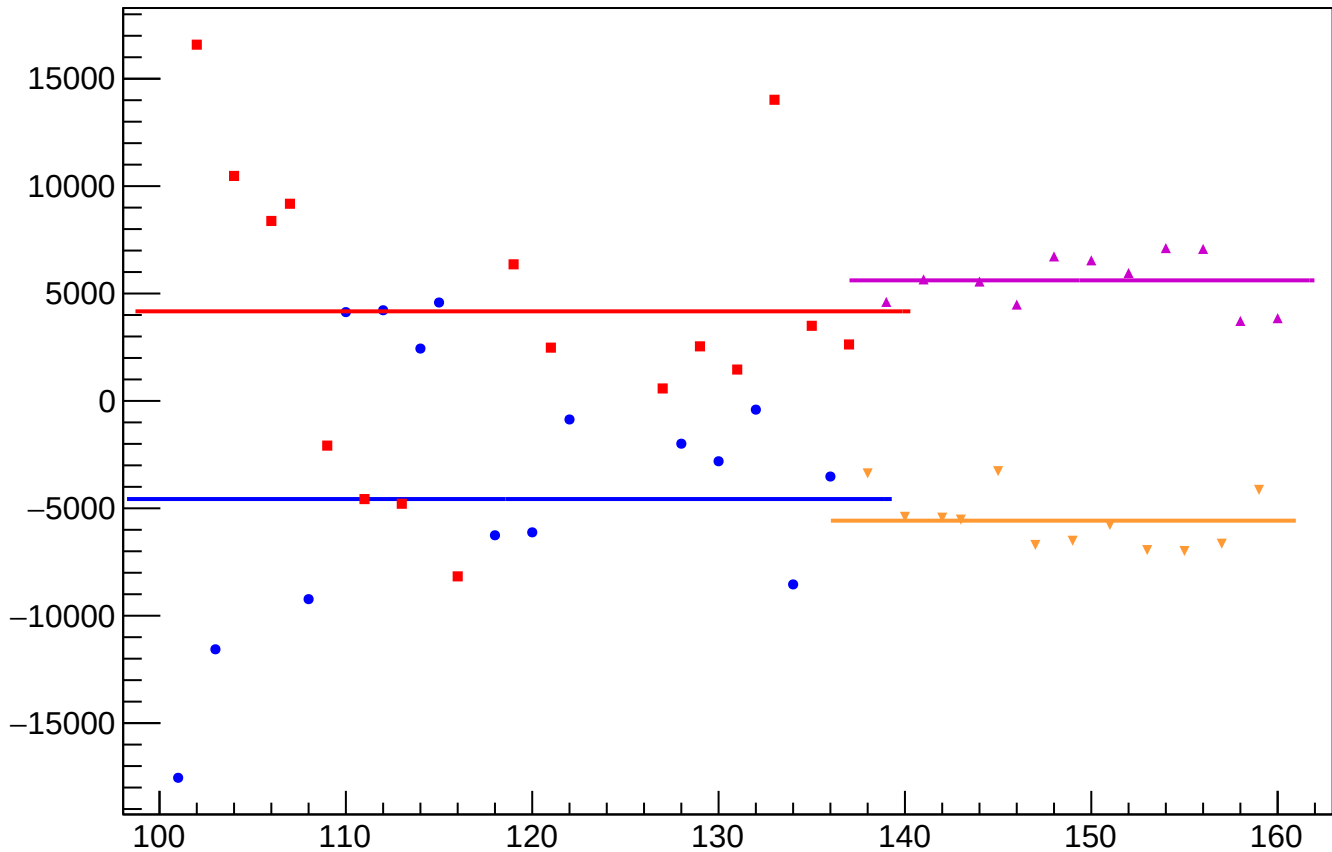
Left: -2.363 +/- 0.000 χ^2/NDF : 39465135103826480
 Right In: 542.328 +/- 0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Right: -164.982 +/- 0.000 χ^2/NDF : 36290648240362
 Left Out: 141.867 +/- 0.000 χ^2/NDF : 675701485078594006846282081211777024.0/11
 In: 138.288 +/- 0.000 χ^2/NDF : 5955245908966435
 Right Out: -853.203 +/- 0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Out: -277.143 +/- 0.000 χ^2/NDF : 295709043506187
 Left In: -145.502 +/- 0.000 χ^2/NDF : 782066035610550272928661281894825984.0/10
 All: -70.151 +/- 0.000 χ^2/NDF : 368882425713

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: -4568.297+/-0.000

Left Out: -5574.062+/-0.000

Right Out: 4170.773+/-0.000

Left In: 5613.024+/-0.000

χ^2/NDF : 24195052148165719540713110921977756909568.0/14

χ^2/NDF : 1562689011038892047530316656159376801792.0/11

χ^2/NDF : 30967248832187912041113909559481103024128.0/15

χ^2/NDF : 1272210659936261957248133173503170969600.0/10

Left: 40.749+/-0.000 χ^2/NDF : 60434762457962986

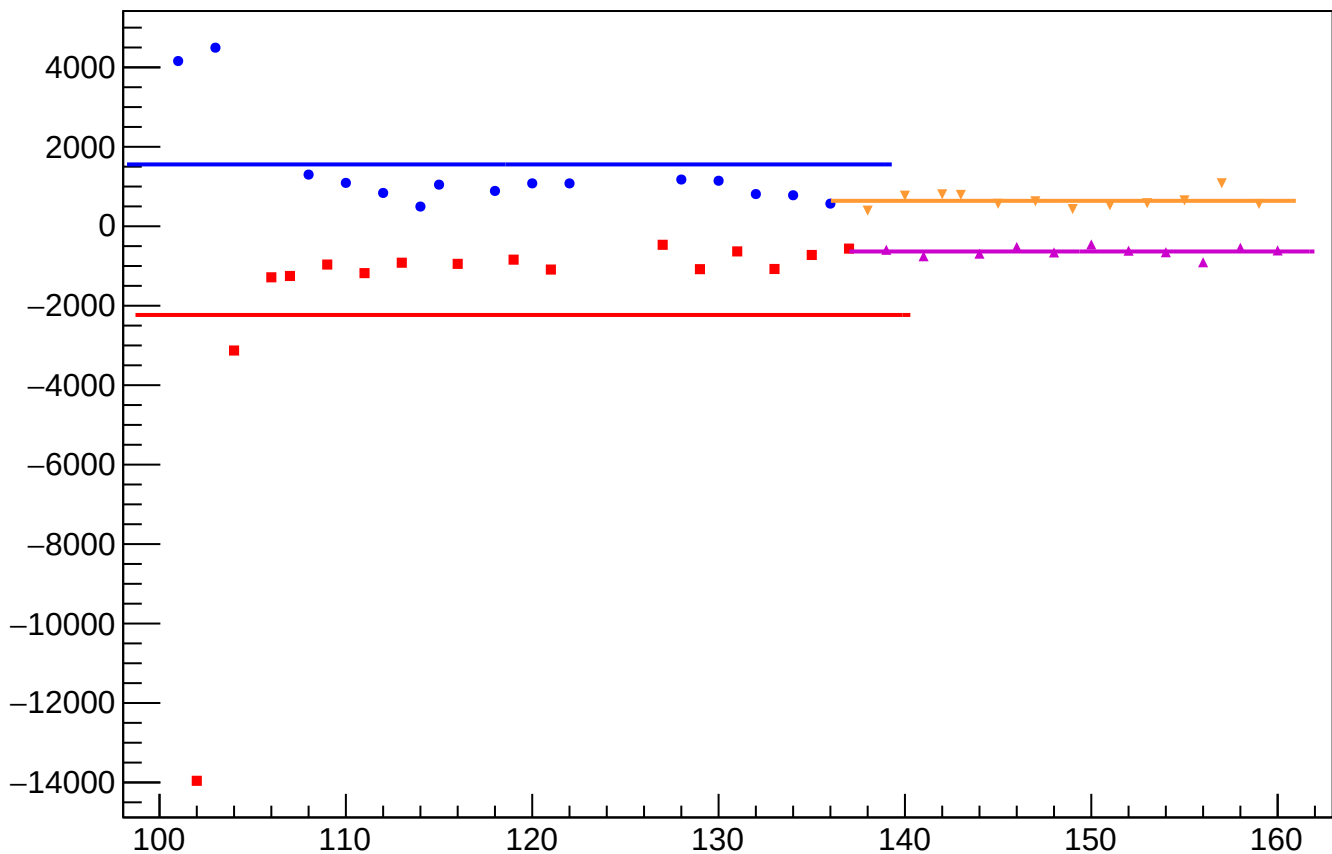
Right: -138.996+/-0.000 χ^2/NDF : 80283768430562

In: 1412.339+/-0.000 χ^2/NDF : 6498537450862054

Out: -1470.650+/-0.000 χ^2/NDF : 69198079726884

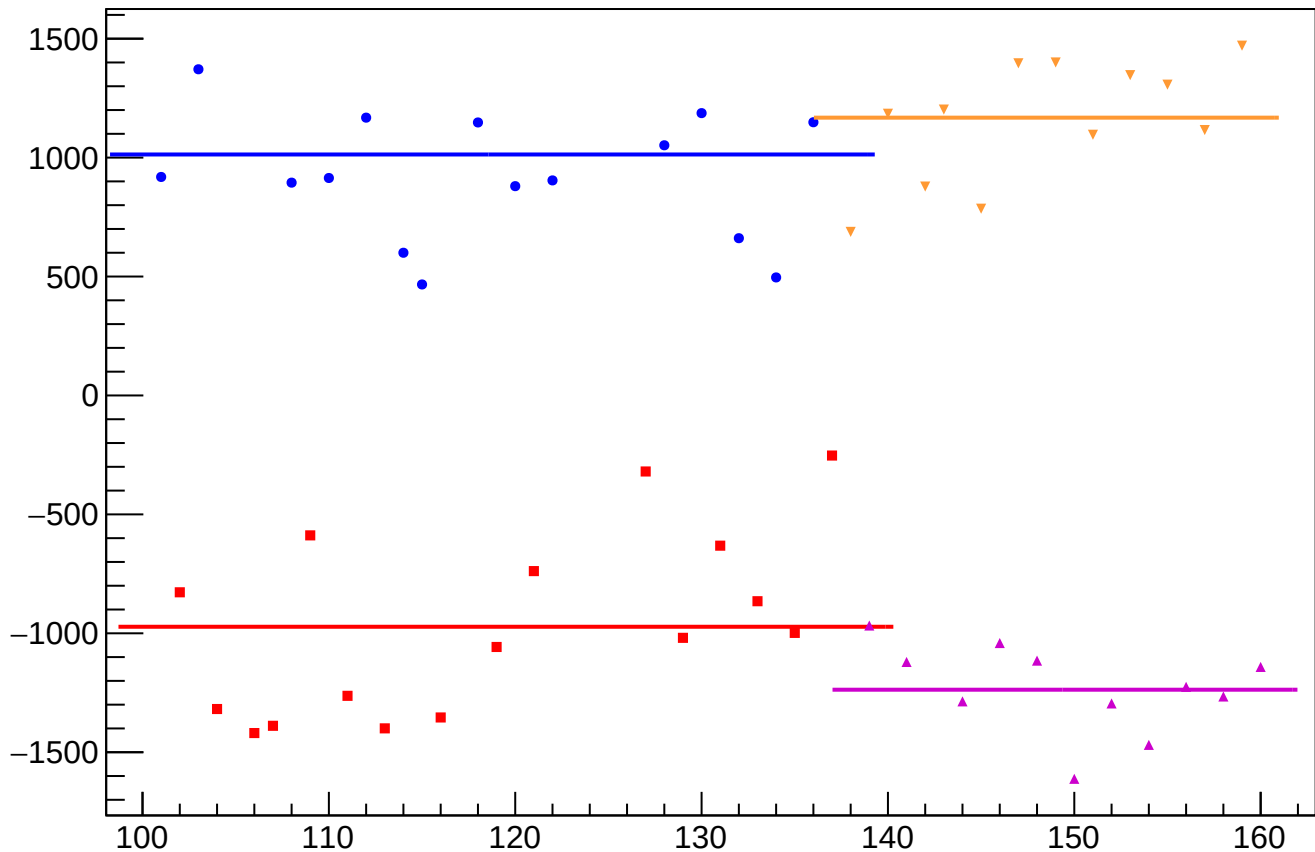
All: -34.178+/-0.000 χ^2/NDF : 140743325235

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



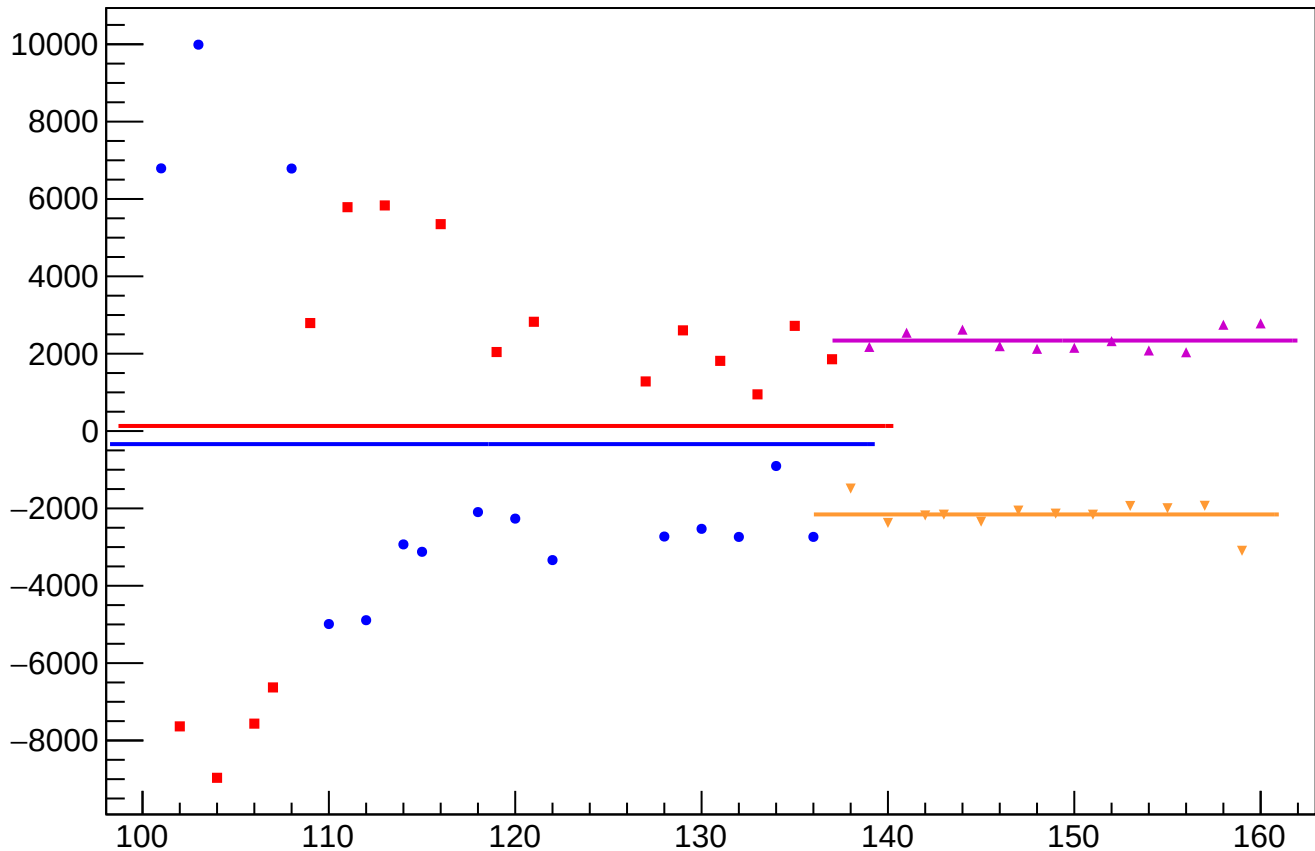
Right In: 1556.763 $\pm$ 0.000 χ^2 /NDF: 1139364239218600567191855131756930793472.0/14
 Left Out: 640.537 $\pm$ 0.000 χ^2 /NDF: 30170658754052148161516421209078628352.0/11
 Right Out: -2232.520 $\pm$ 0.000 χ^2 /NDF: 8990395725533930134878595569706942332928.0/15
 Left In: -634.562 $\pm$ 0.000 χ^2 /NDF: 12308442809403031190669556314642841600.0/10
 All: -151.319 $\pm$ 0.000 χ^2 /NDF: 15745535333

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865+/-0.000

χ^2/NDF : 15152515933007079891661097940762081886208.0/14

Left Out: -2155.781+/-0.000

χ^2/NDF : 123219365127325232212410930135251812352.0/11

Right Out: 131.545+/-0.000

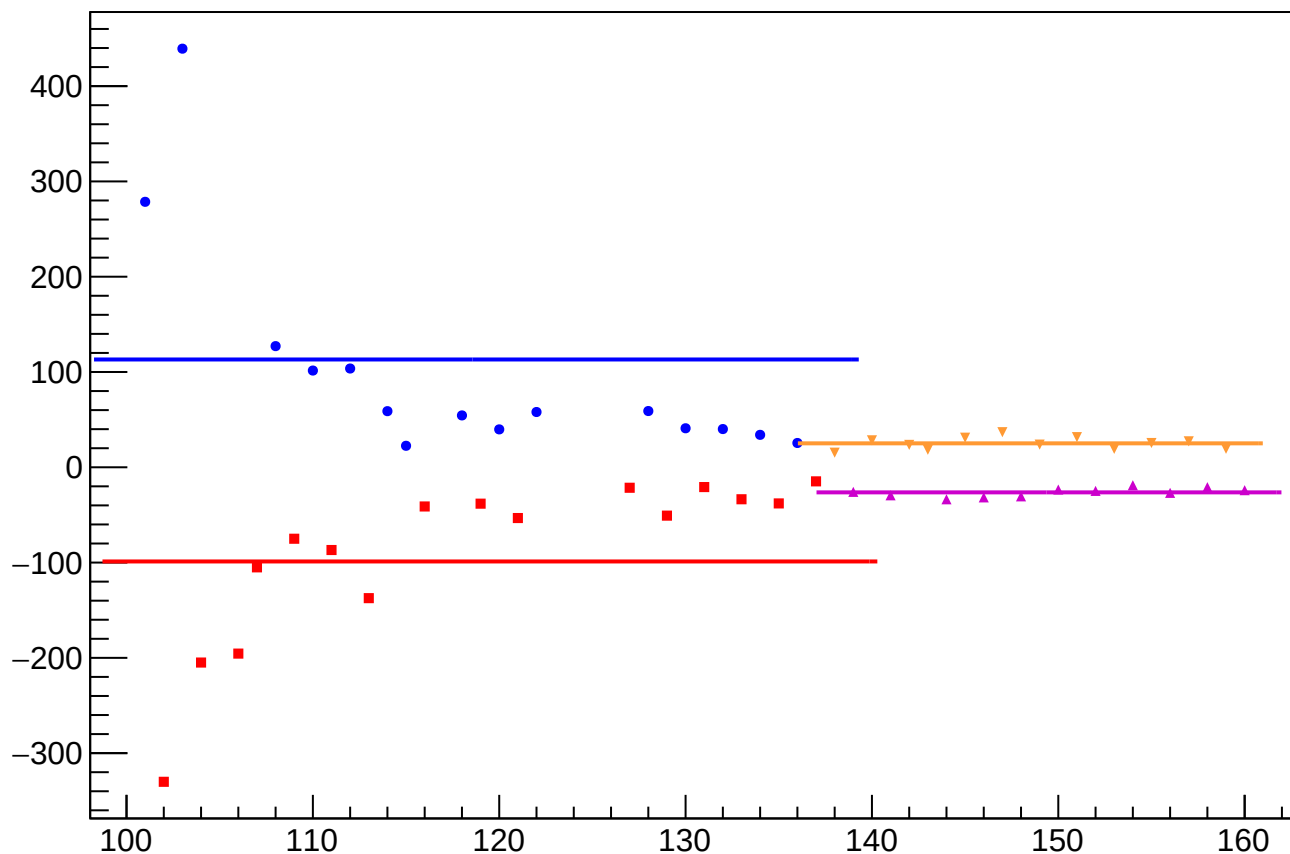
χ^2/NDF : 16473217651078877976377424419956902068224.0/15

Left In: 2339.639+/-0.000

χ^2/NDF : 62860144247456957543810906284181422080.0/10

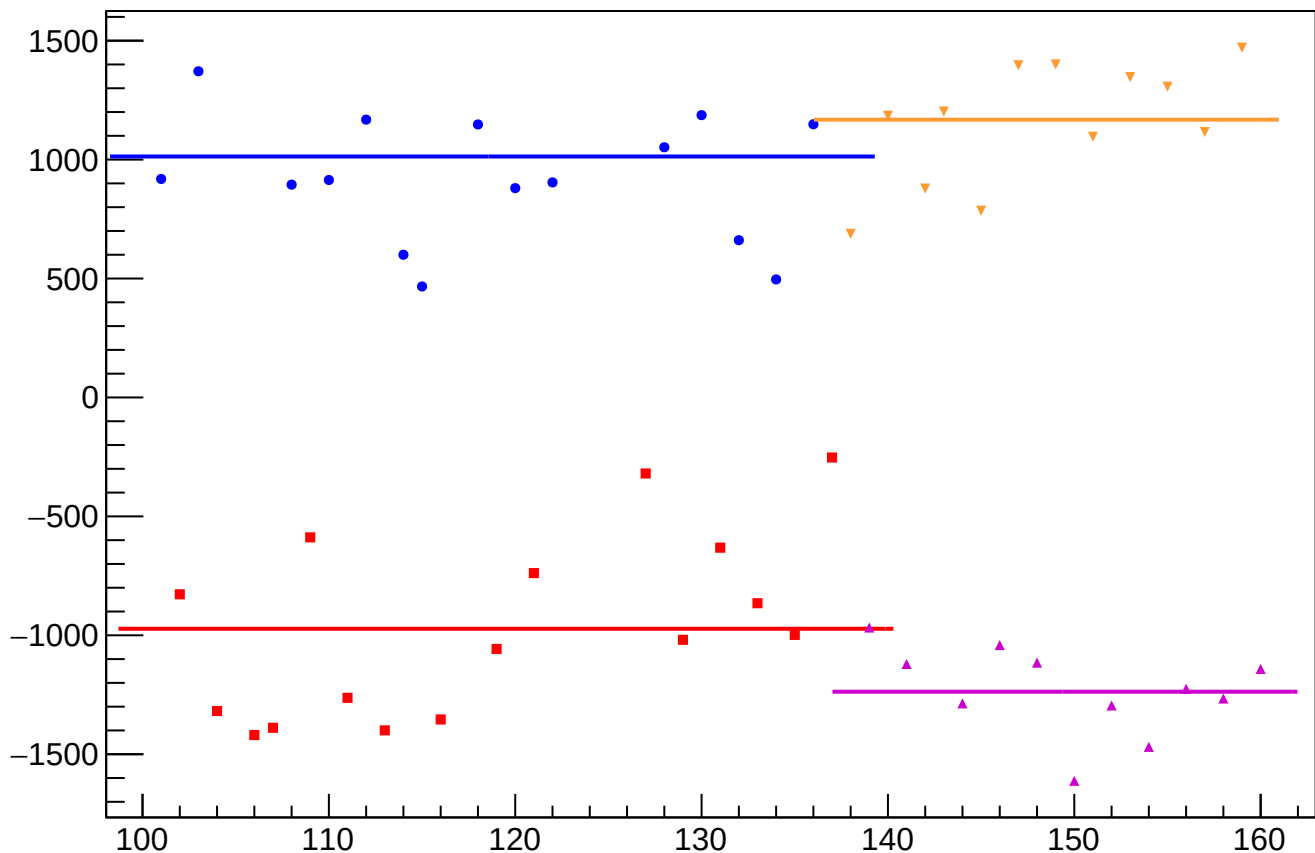
Left: 100.475+/-0.000 χ^2/NDF : 9487043627831920
 Right: -99.949+/-0.000 χ^2/NDF : 316982138957514
 In: 1234.934+/-0.000 χ^2/NDF : 1794842889484232
 Out: -1192.620+/-0.000 χ^2/NDF : 18616645985625
 All: 16.928+/-0.000 χ^2/NDF : 4121608496439

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



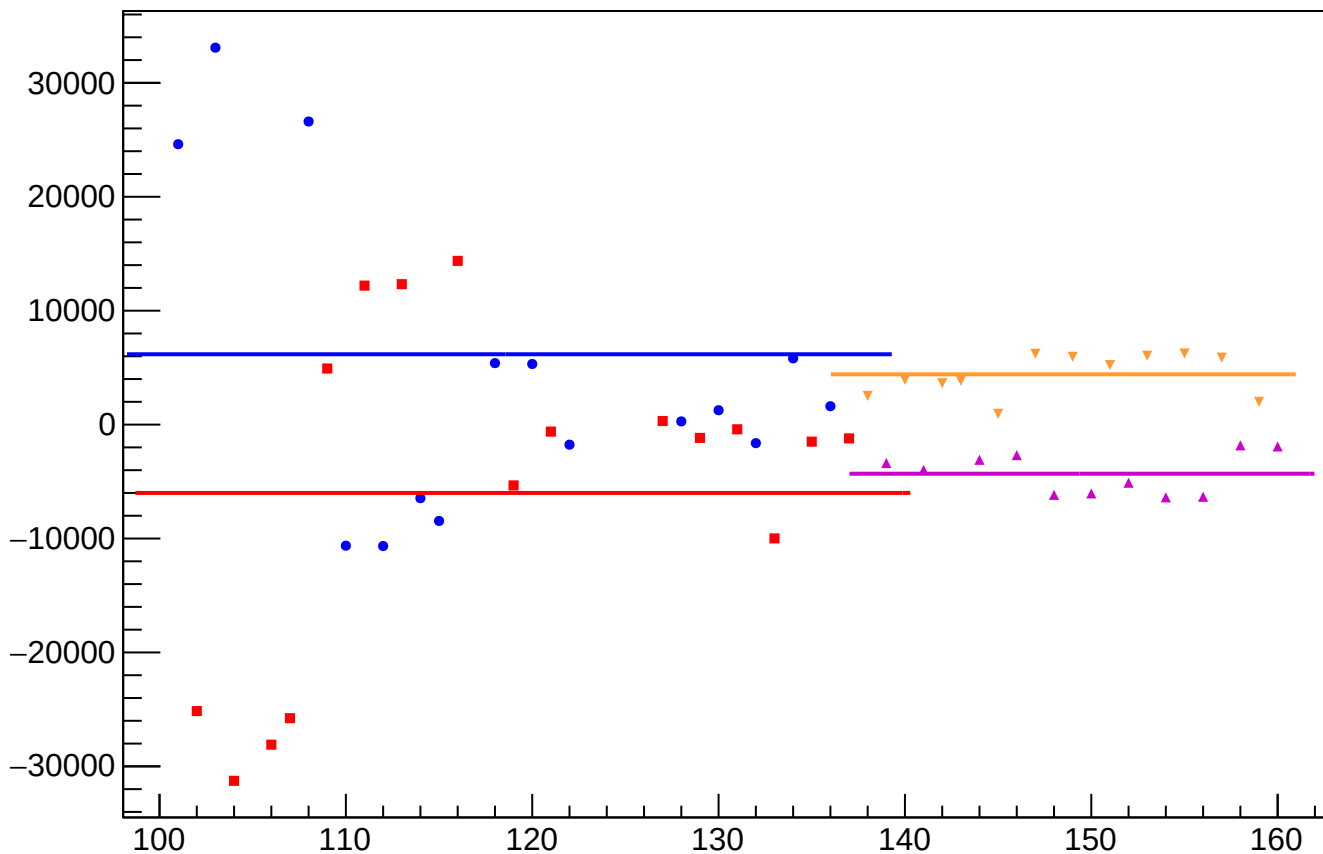
Right In: 113.134 +/- 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14
 Left Out: 25.122 +/- 0.000 χ^2/NDF : 34236554639910499014555581559078912.0/11
 Right Out: -98.833 +/- 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15
 Left In: -26.331 +/- 0.000 χ^2/NDF : 18142873408814573481950758043648000.0/10
 All: 1.967 +/- 0.000 χ^2/NDF : 31581433115141

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



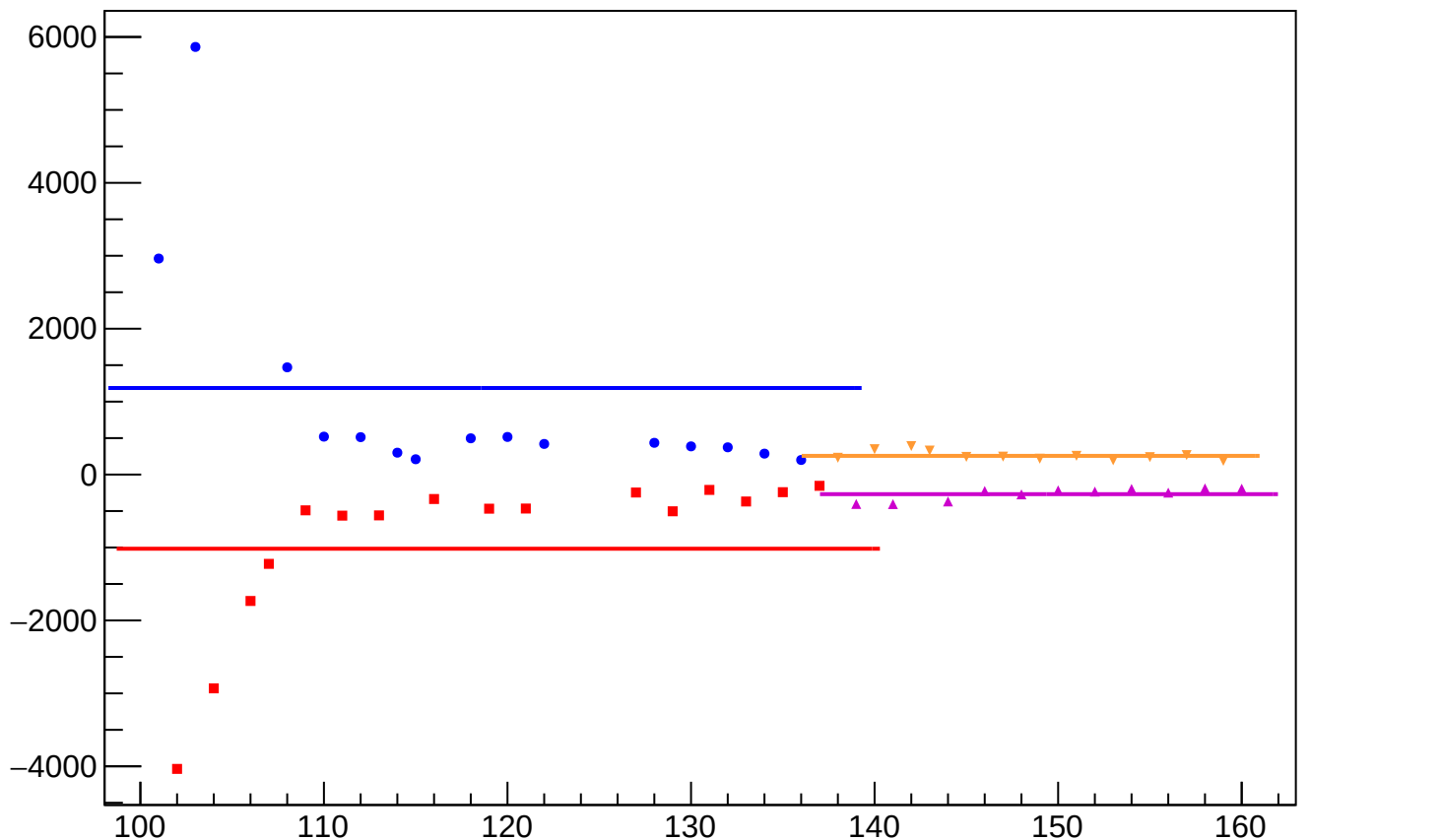
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam2_coil6_mean vs Slug, Sign Corrected



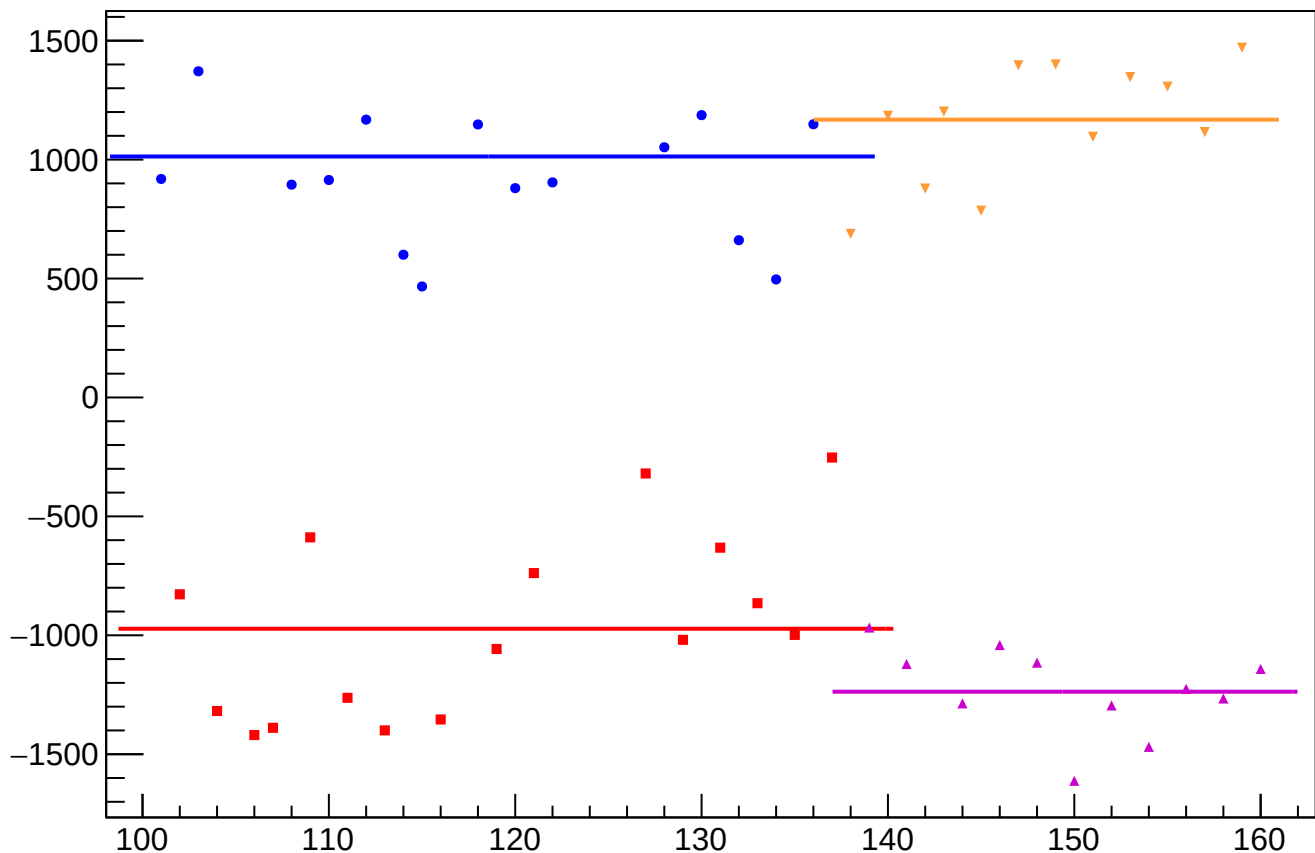
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 4413.614+/-0.000 χ^2/NDF : 2955972864027480615108884679842756296704.0/11
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -4310.541+/-0.000 χ^2/NDF : 2687248811790643780000086030830396243968.0/10
 All: 22.940+/-0.000 χ^2/NDF : 3437284589394

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



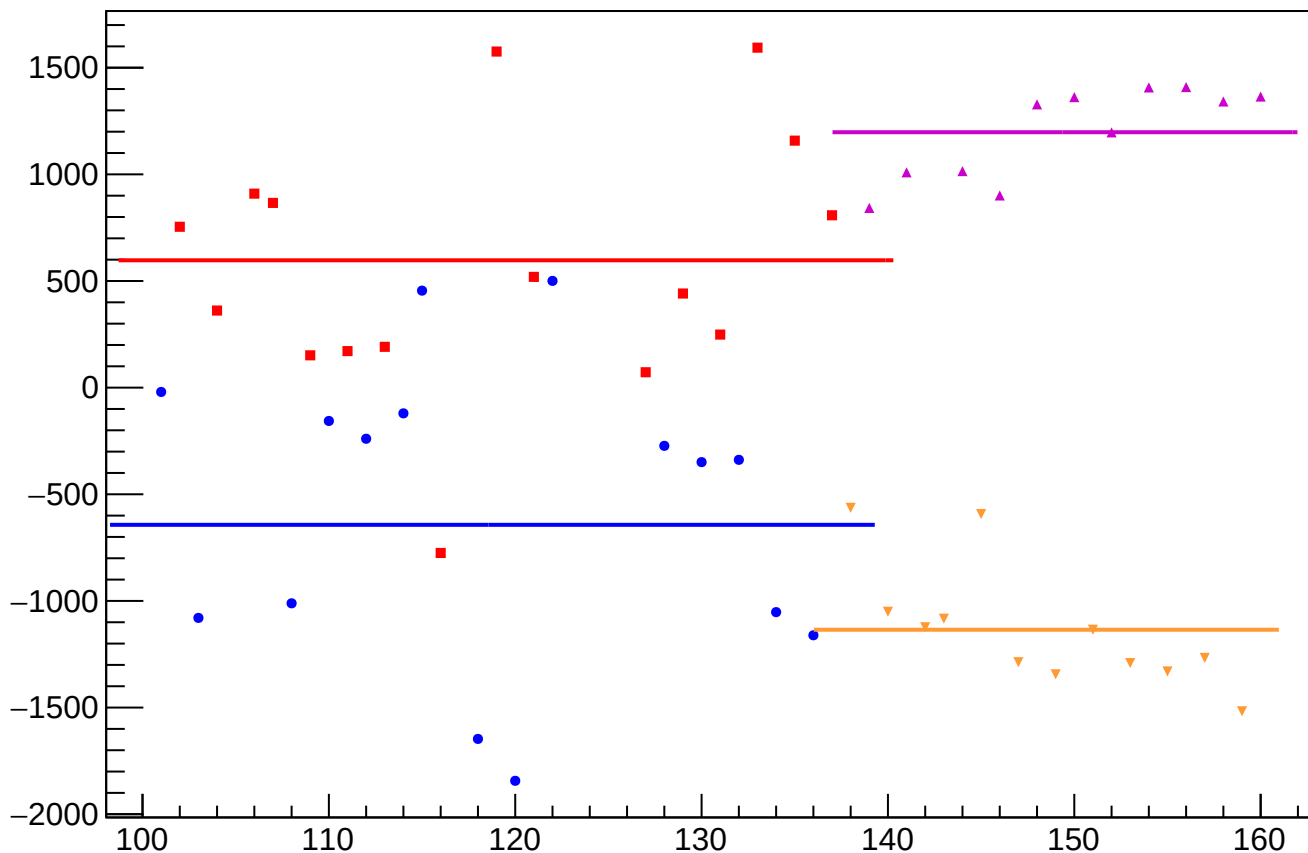
Left: -7.038 ± 0.000 $\chi^2/\text{NDF}: 13546112038867189$
 Right In: 1186.846 ± 0.000 $\chi^2/\text{NDF}: 1796463312802023303623210264680353234944.0/14$
 Left Out: 256.413 ± 0.000 $\chi^2/\text{NDF}: 2796377992740210527233445839838904320.0/11$
 Right Out: -1016.732 ± 0.000 $\chi^2/\text{NDF}: 927646003466094249558391691024825057280.0/15$
 Left In: -268.493 ± 0.000 $\chi^2/\text{NDF}: 5855734975706547823556607966386847744.0/10$
 All: 25.070 ± 0.000 $\chi^2/\text{NDF}: 4461367552726$

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000

χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -1135.033+/-0.000

χ^2/NDF : 73789817632186163776632146016354697216.0/11

Right Out: 597.043+/-0.000

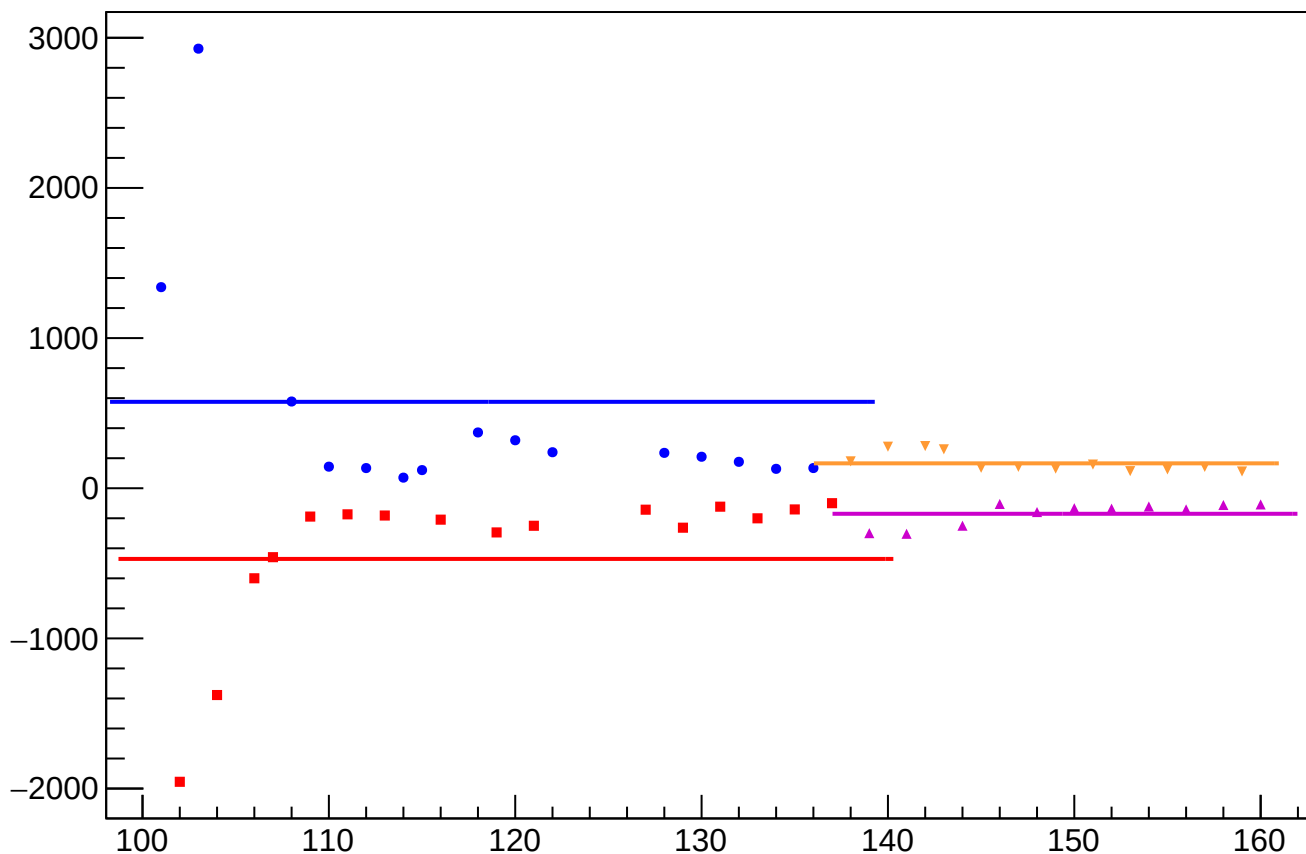
χ^2/NDF : 210733370798031449363504004319005376512.0/15

Left In: 1197.503+/-0.000

χ^2/NDF : 38624722141560961102710570239066636288.0/10

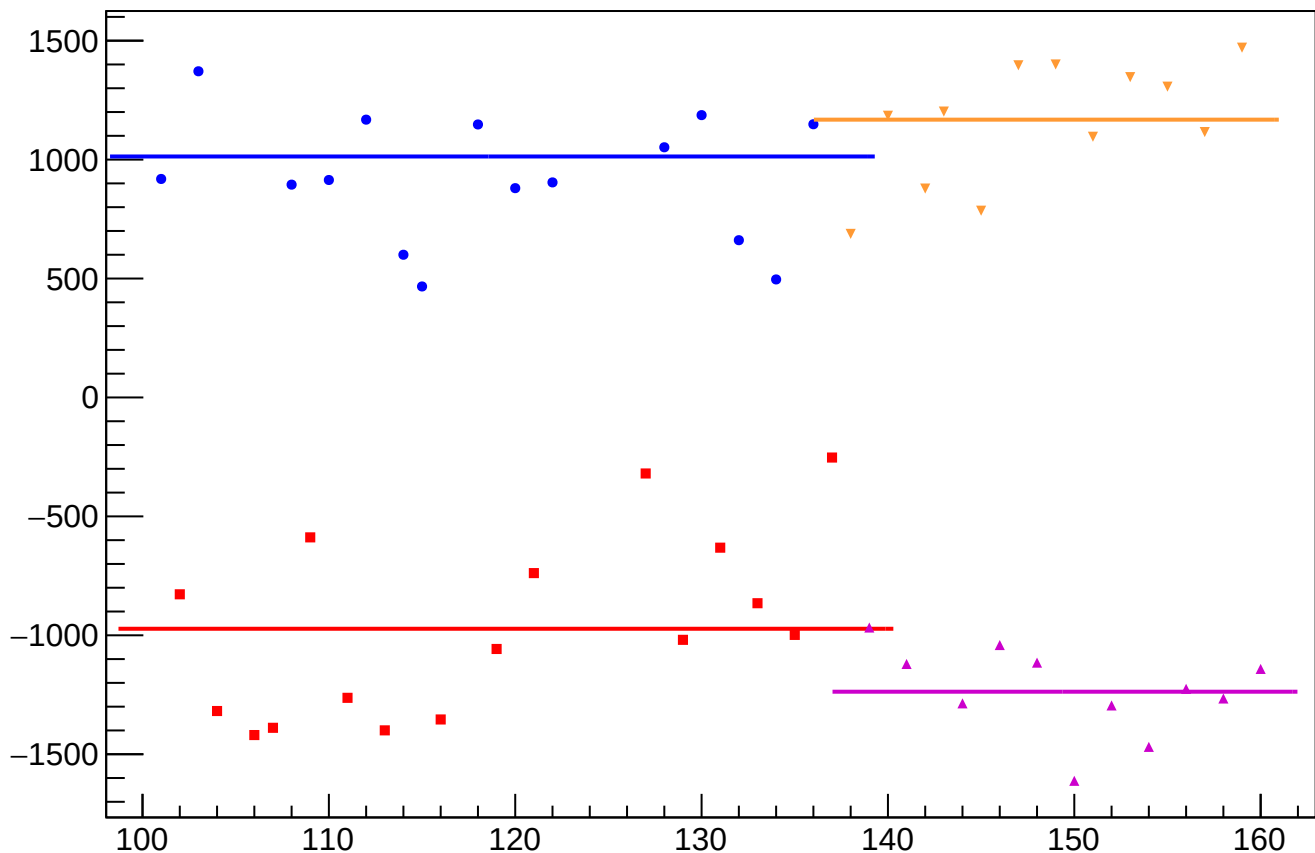
All: 14.712+/-0.000 χ^2/NDF : 3607859864595

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



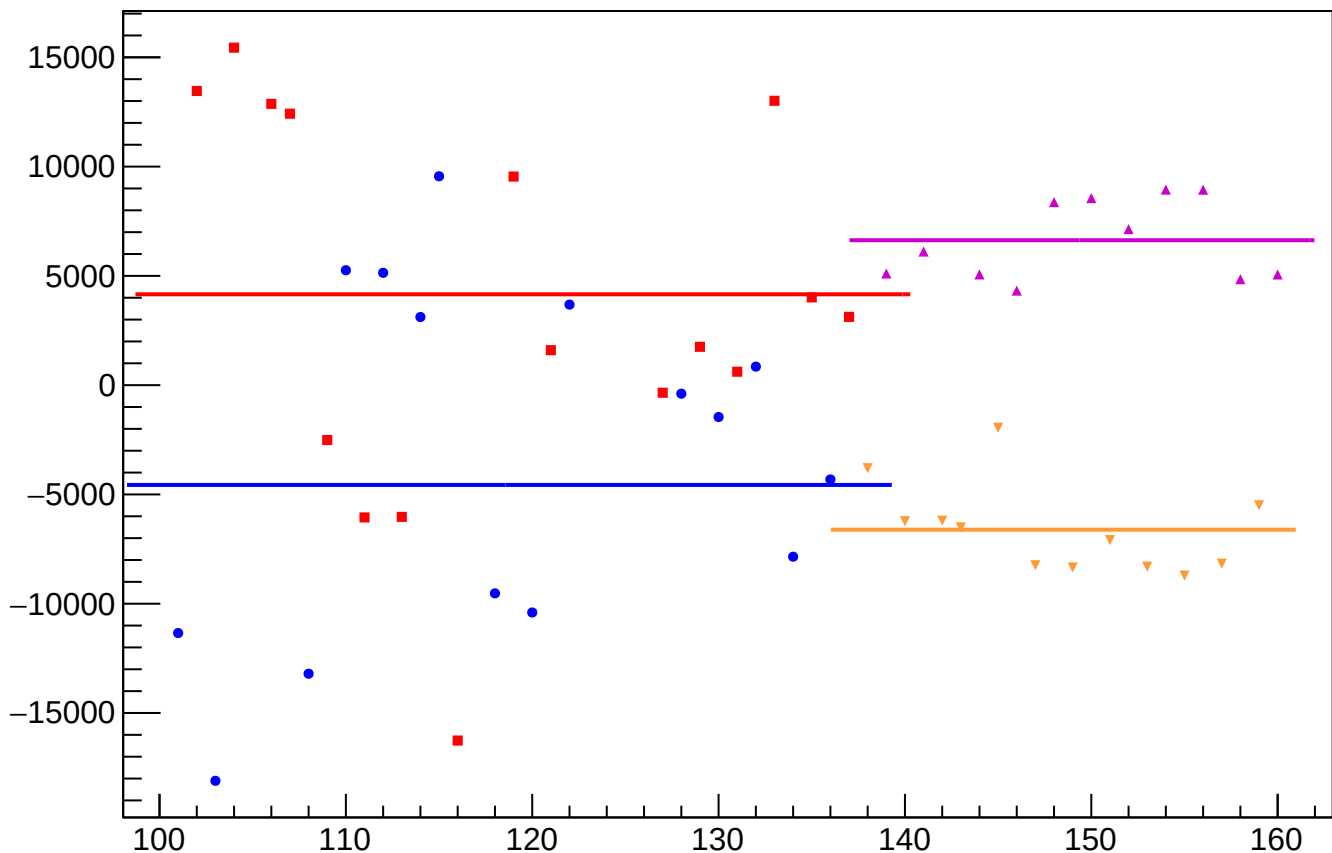
Left: -2.772 +/- 0.000 χ^2/NDF : 59856871669409725
 Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Right: 45.250 +/- 0.000 χ^2/NDF : 1002053890195510
 Left Out: 165.815 +/- 0.000 χ^2/NDF : 3077732362329556605426877868663635968.0/11
 In: 137.546 +/- 0.000 χ^2/NDF : 64946941606645900
 Right Out: -470.716 +/- 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15
 Out: -102.219 +/- 0.000 χ^2/NDF : 368839746141427
 Left In: -170.082 +/- 0.000 χ^2/NDF : 4851165358478650186983079637734653952.0/10
 All: 17.246 +/- 0.000 χ^2/NDF : 1063680518716

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000

Left Out: -6612.752+/-0.000

Right Out: 4156.859+/-0.000

Left In: 6631.377+/-0.000

χ^2/NDF : 35667768247432289984899042725155487875072.0/14

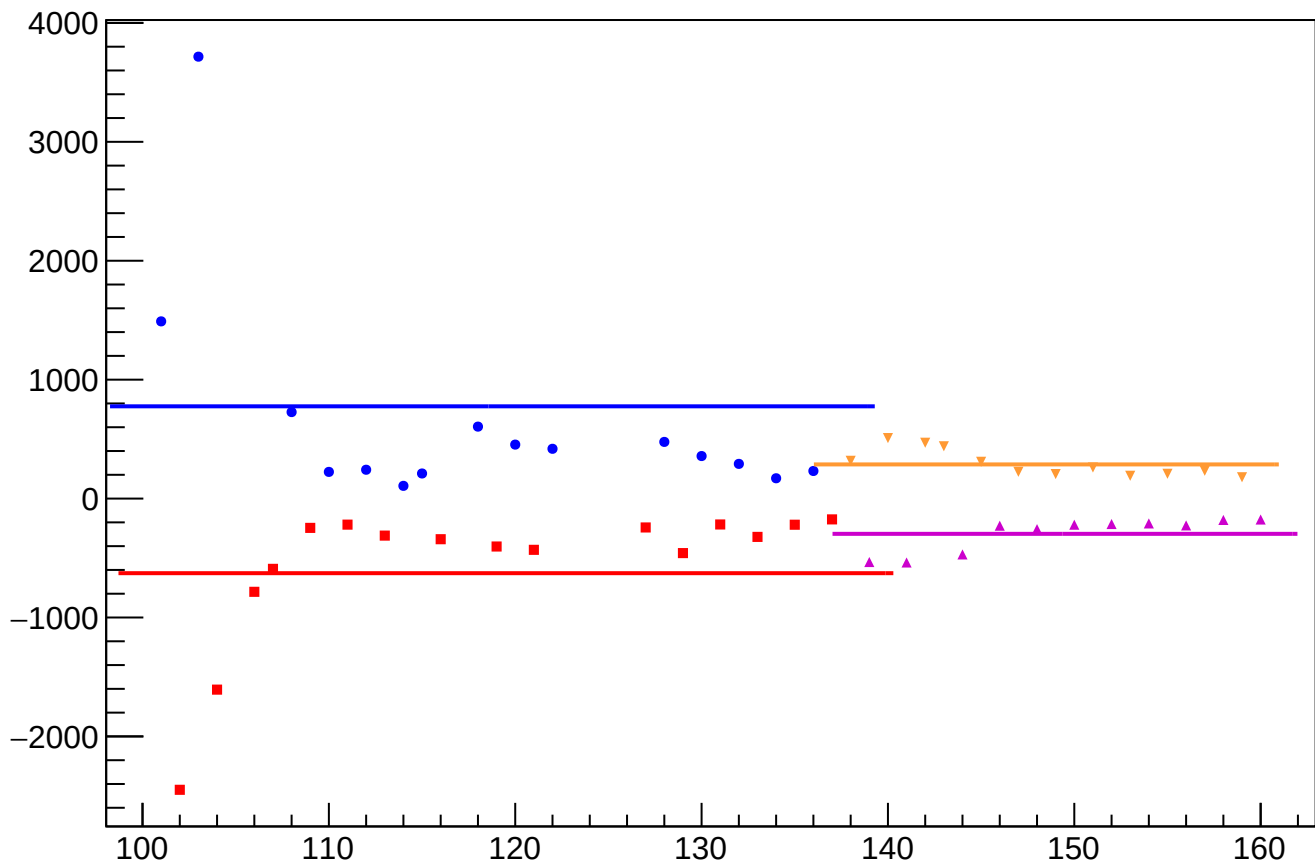
χ^2/NDF : 3759909720266492863199038301551573598208.0/11

χ^2/NDF : 45539455441659927157708443099930682195968.0/15

χ^2/NDF : 2831140540306304869921468245145345327104.0/10

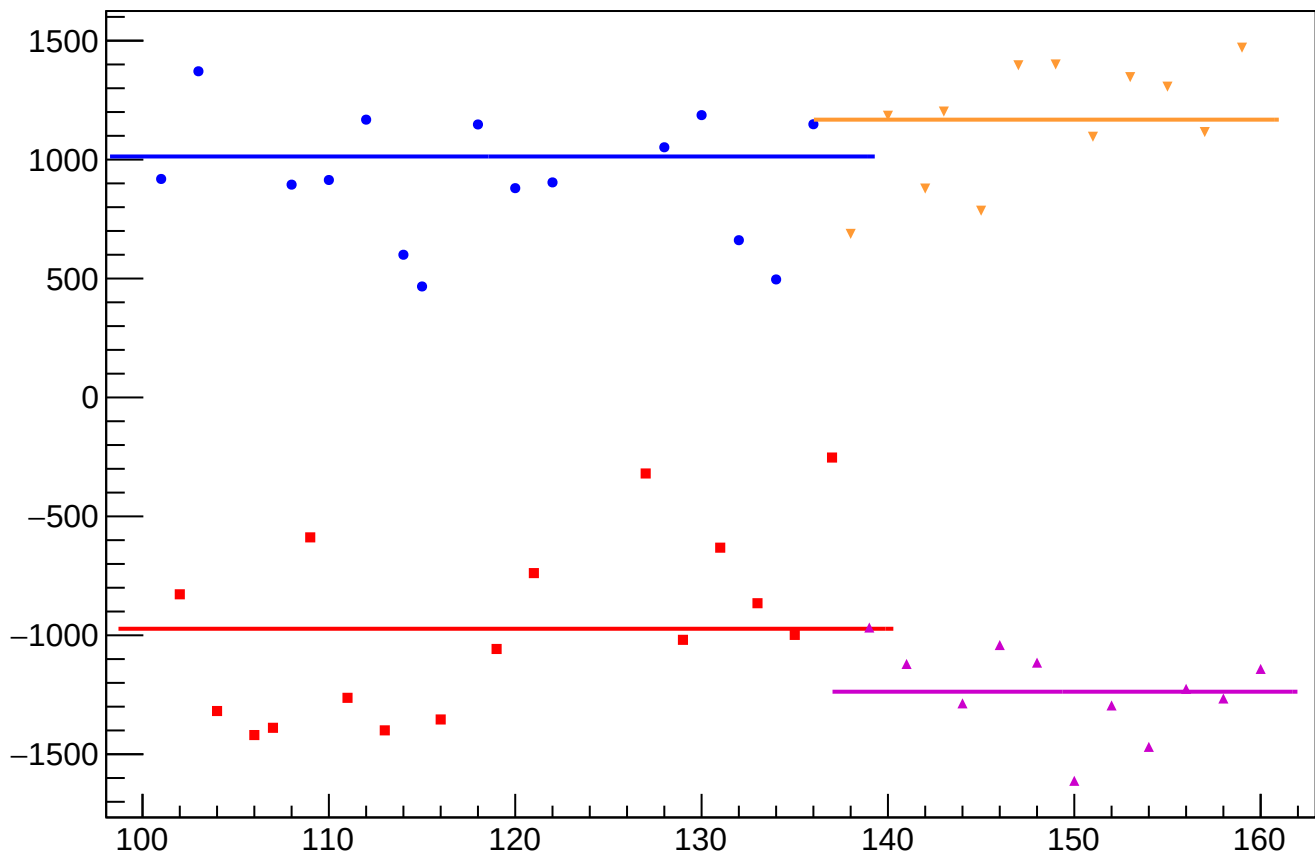
All: -40.174+/-0.000 χ^2/NDF : 193577765063

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



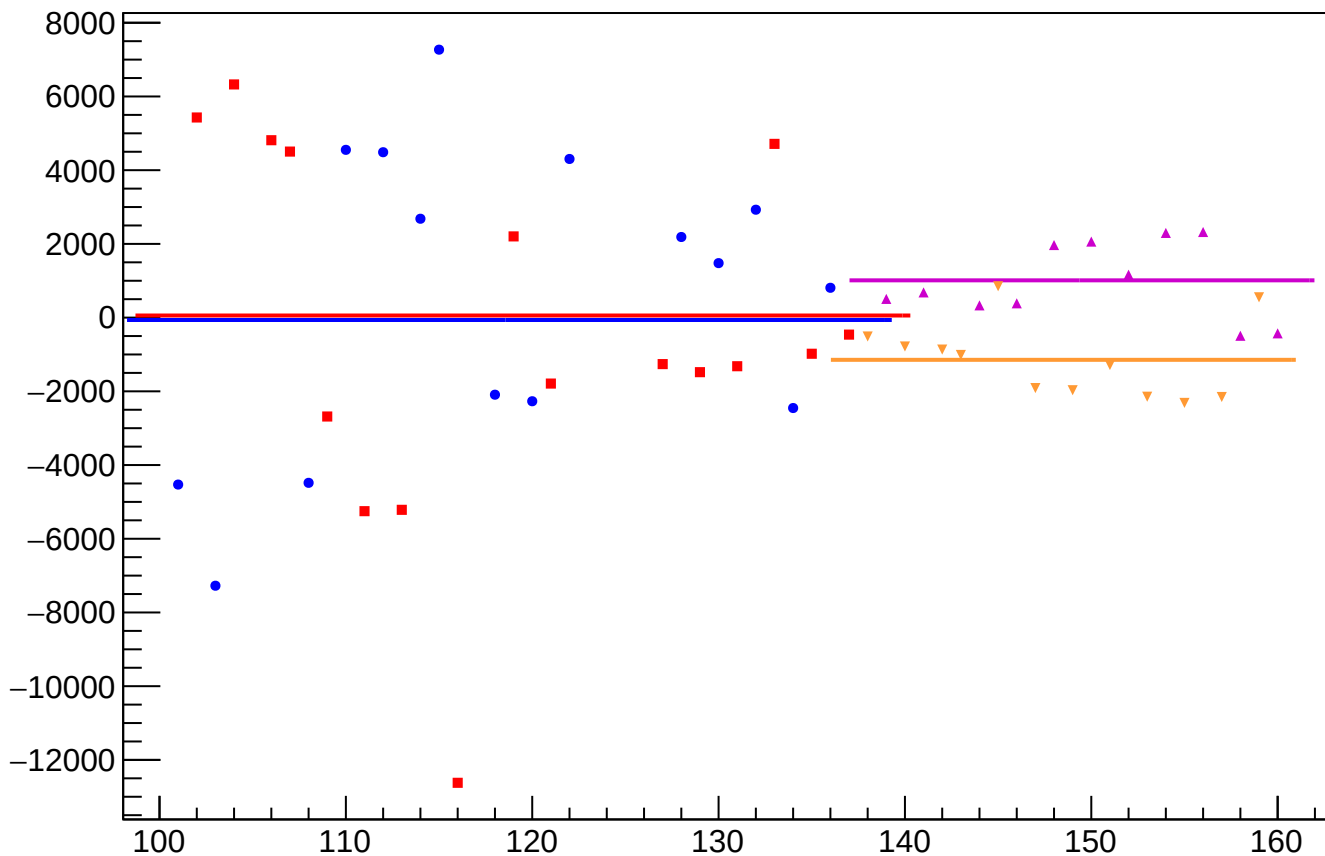
Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 287.283+/-0.000 χ^2/NDF : 10557467074341773559479069744616701952.0/11
 Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Left In: -296.514+/-0.000 χ^2/NDF : 17061879022016484064295210228444561408.0/10
 All: 23.614+/-0.000 χ^2/NDF : 1775268796440

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



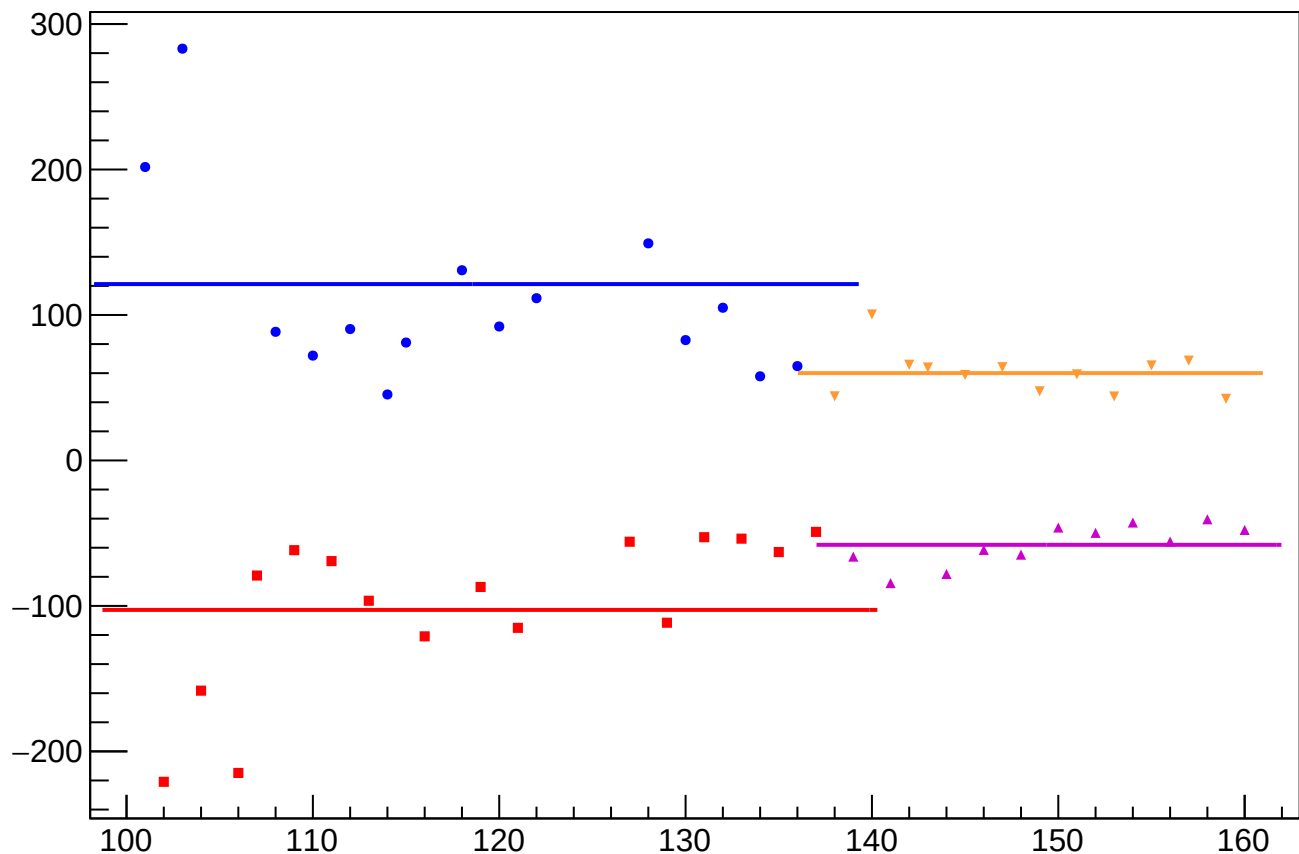
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam5_coil6_mean vs Slug, Sign Corrected



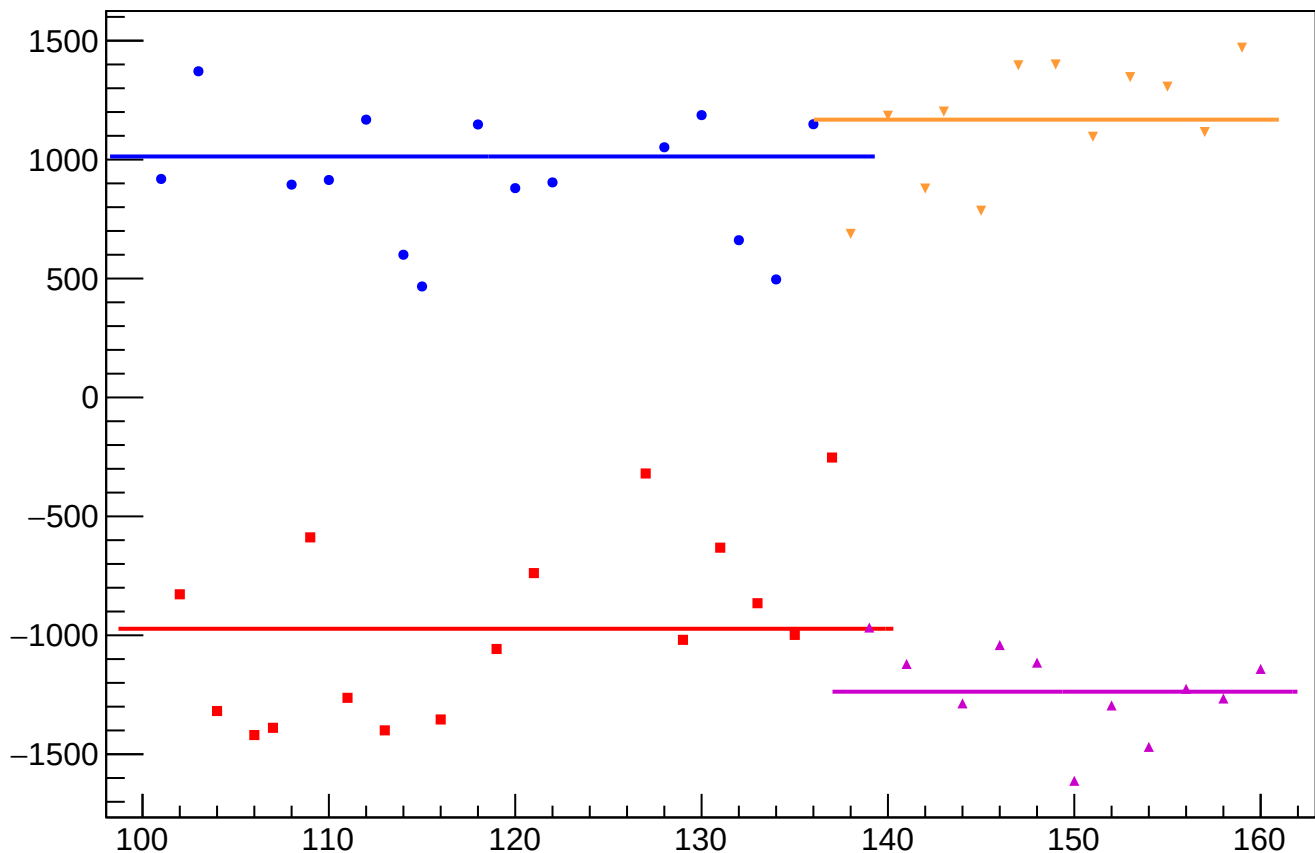
Right In: -64.751 ± 0.000 $\chi^2/\text{NDF}: 9614223448851814191683817349989558910976.0/14$
 Left Out: -1145.277 ± 0.000 $\chi^2/\text{NDF}: 979075596349520821974350897813840199680.0/11$
 Right Out: 57.229 ± 0.000 $\chi^2/\text{NDF}: 13780958977008702301942505454387177979904.0/15$
 Left In: 1011.284 ± 0.000 $\chi^2/\text{NDF}: 903909408421874171739001543159795679232.0/10$
 All: -37.898 ± 0.000 $\chi^2/\text{NDF}: 274263018049$

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



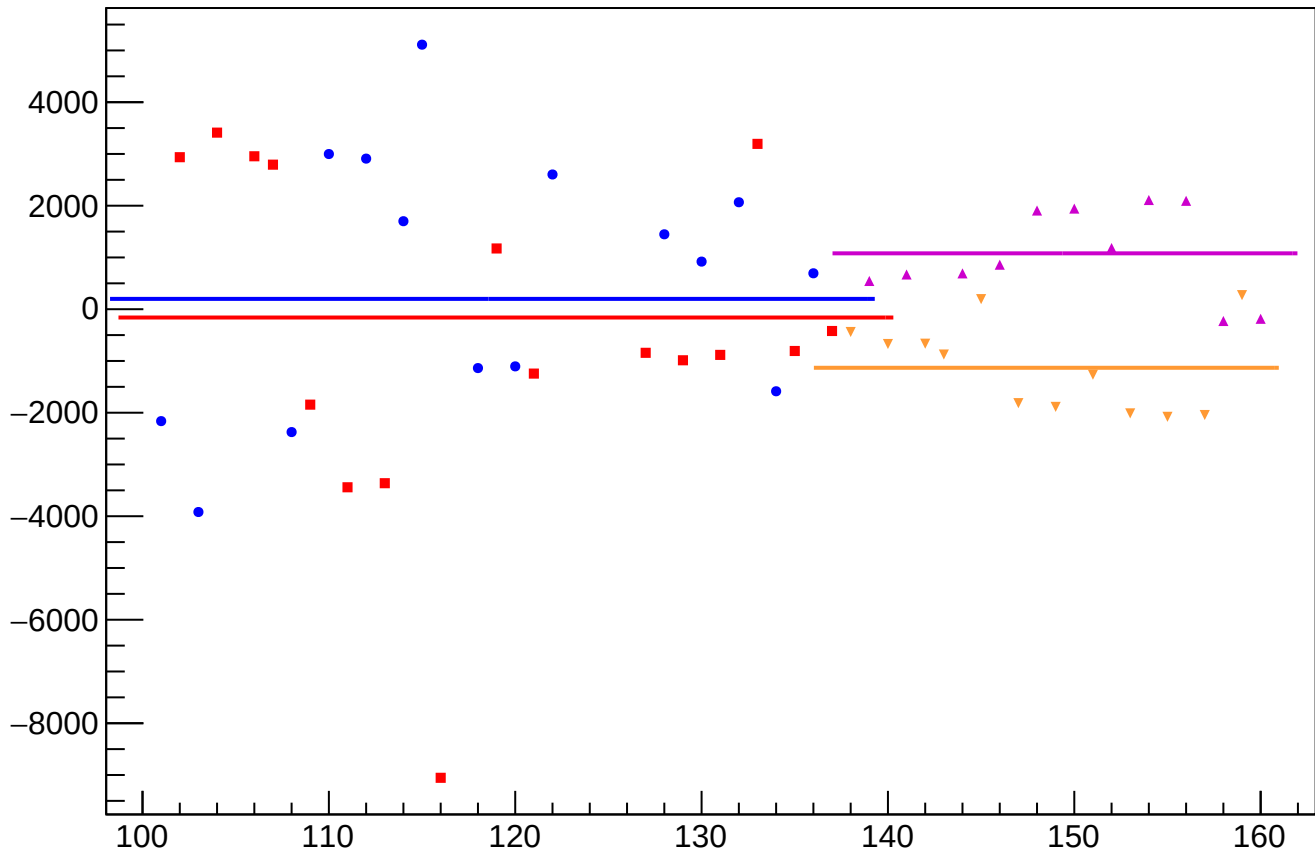
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14
 Left Out: 60.042+/-0.000 χ^2/NDF : 225194152627424805036116621962248192.0/11
 Right Out: -102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15
 Left In: -58.011+/-0.000 χ^2/NDF : 177427701786540438757655027214450688.0/10
 All: 3.674+/-0.000 χ^2/NDF : 2804570307464

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



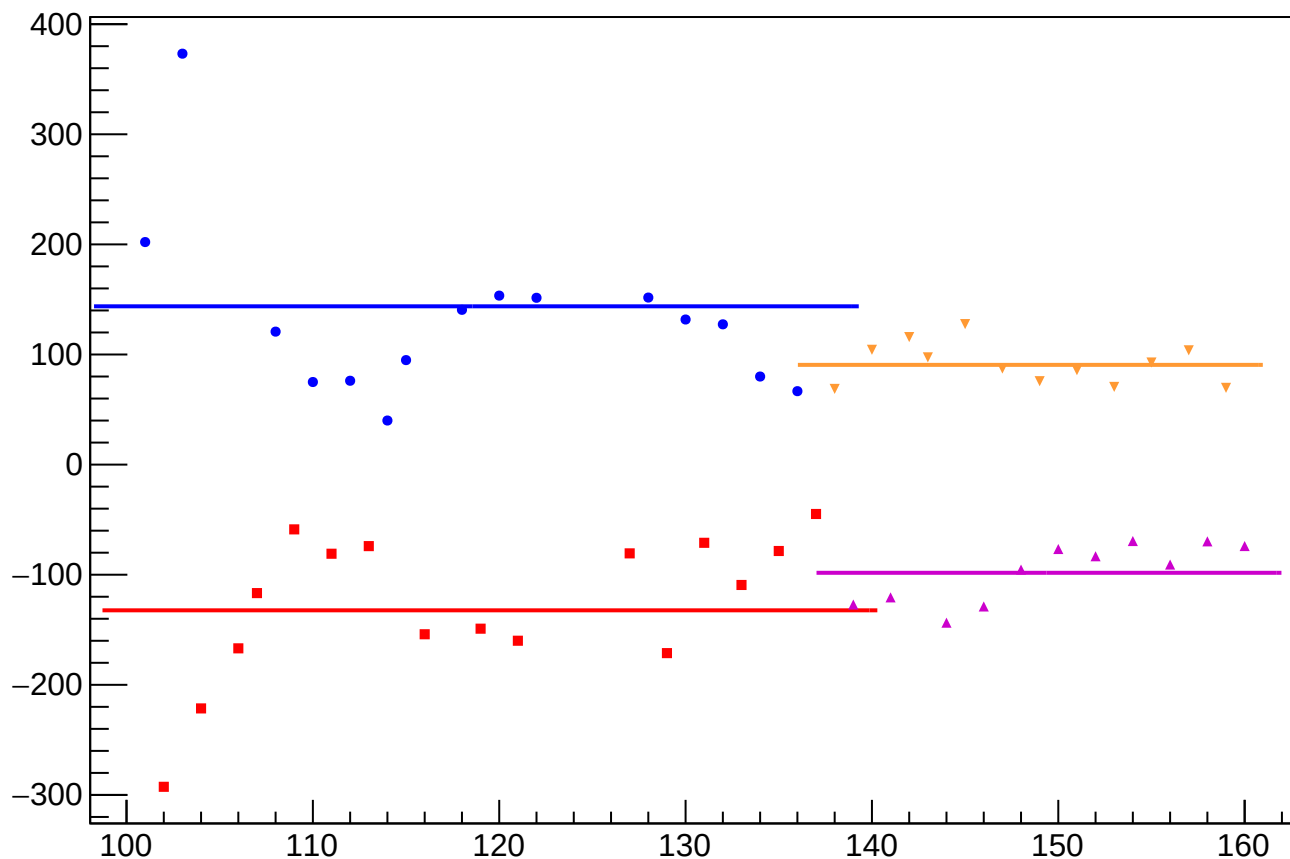
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam6_coil6_mean vs Slug, Sign Corrected



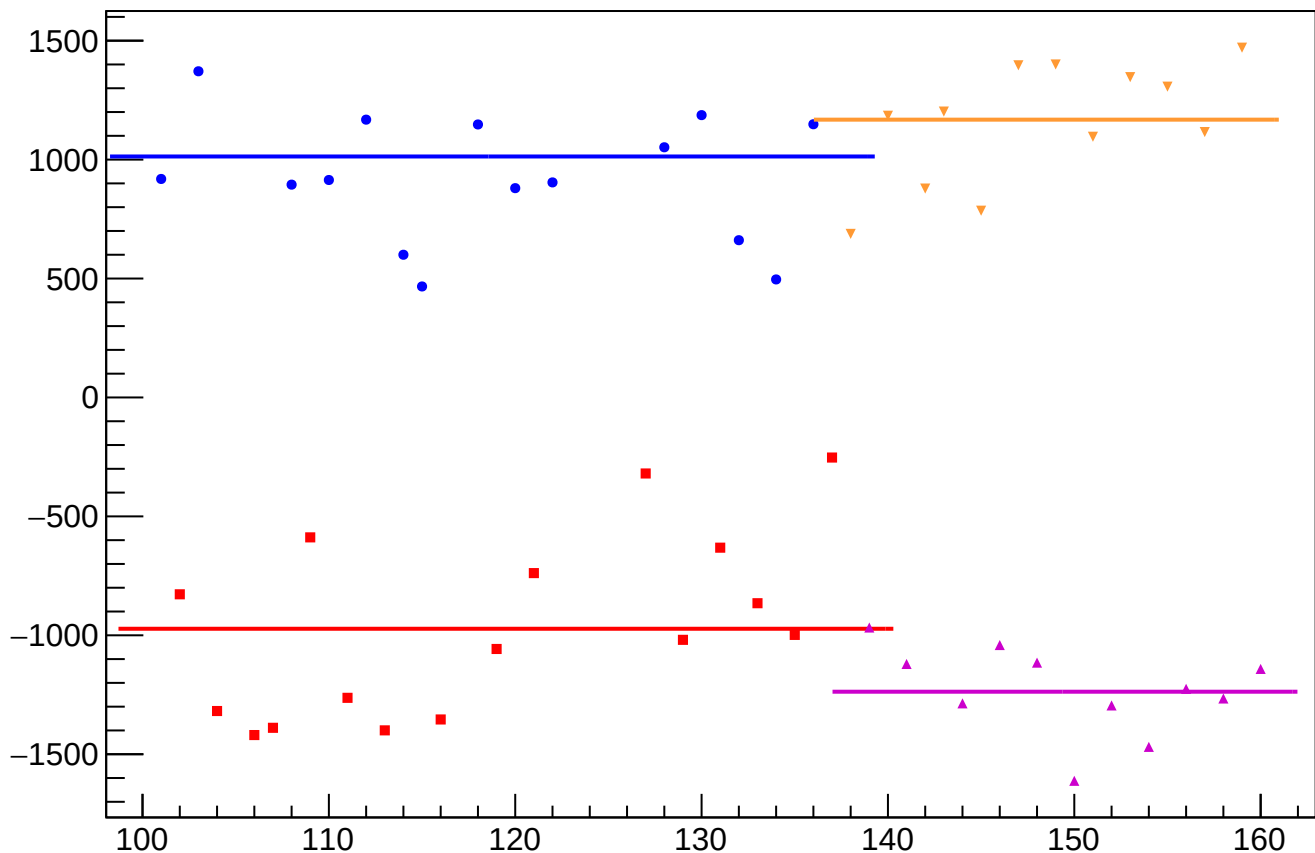
Right In: 199.503 $\pm$ 0.000 χ^2 /NDF: 3268159745923533825045181664876849790976.0/14
 Left Out: -1131.740 $\pm$ 0.000 χ^2 /NDF: 658434610169859056709733978264796397568.0/11
 Right Out: -160.512 $\pm$ 0.000 χ^2 /NDF: 5680576709461197901526729703706251493376.0/15
 Left In: 1079.555 $\pm$ 0.000 χ^2 /NDF: 614734398575877452858032752710912049152.0/10
 All: -5.664 $\pm$ 0.000 χ^2 /NDF: 1251621104913

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



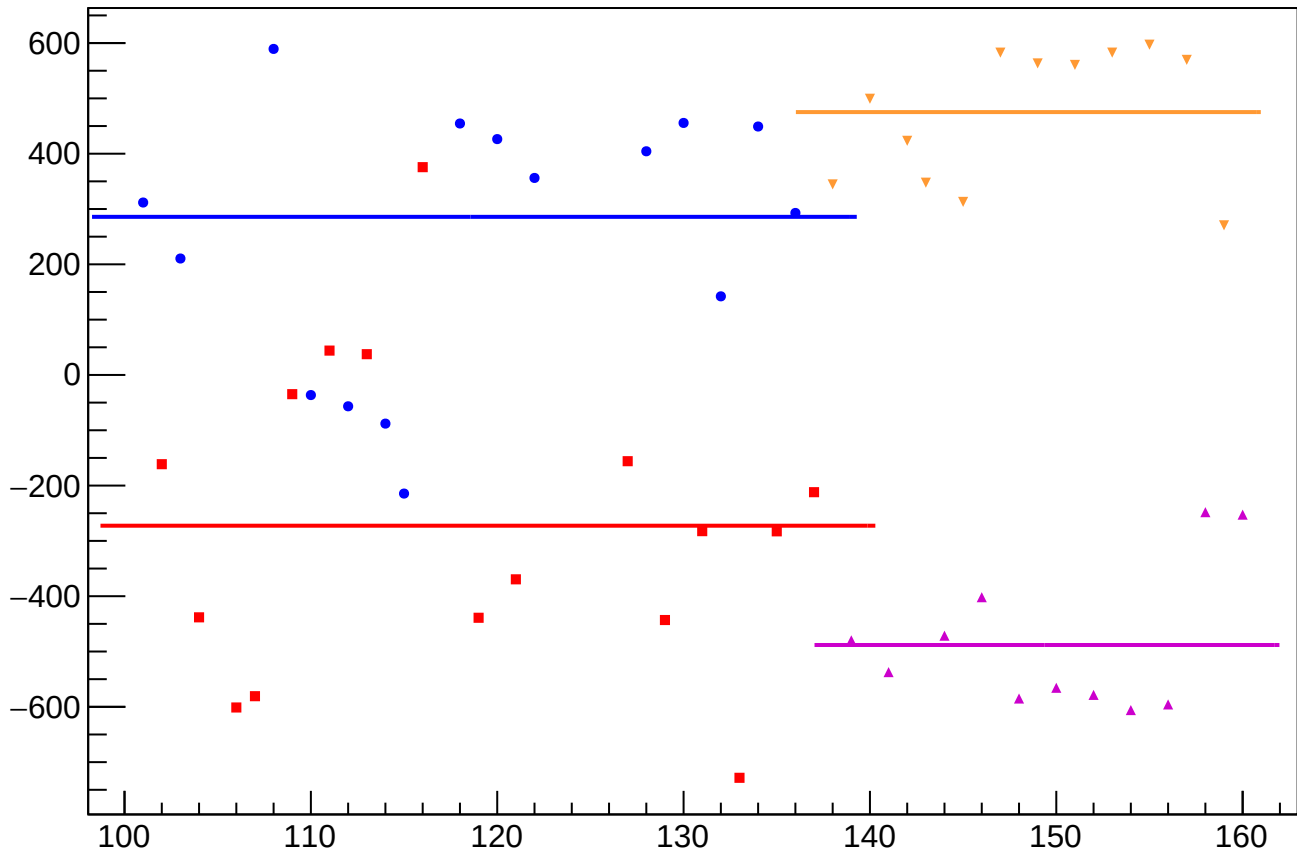
Left: -4.195 ± 0.000 $\chi^2/\text{NDF}: 17333934091719658$
 Right In: 143.764 ± 0.000 $\chi^2/\text{NDF}: 4514785869565777849900508591821946880.0/14$
 Left Out: 90.584 ± 0.000 $\chi^2/\text{NDF}: 300208511037372941883923935499649024.0/11$
 Right Out: -132.341 ± 0.000 $\chi^2/\text{NDF}: 3174087908796245287682359914282352640.0/15$
 Left In: -98.257 ± 0.000 $\chi^2/\text{NDF}: 620993776773093393033369428470792192.0/10$
 All: -0.853 ± 0.000 $\chi^2/\text{NDF}: 5014829337749$

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



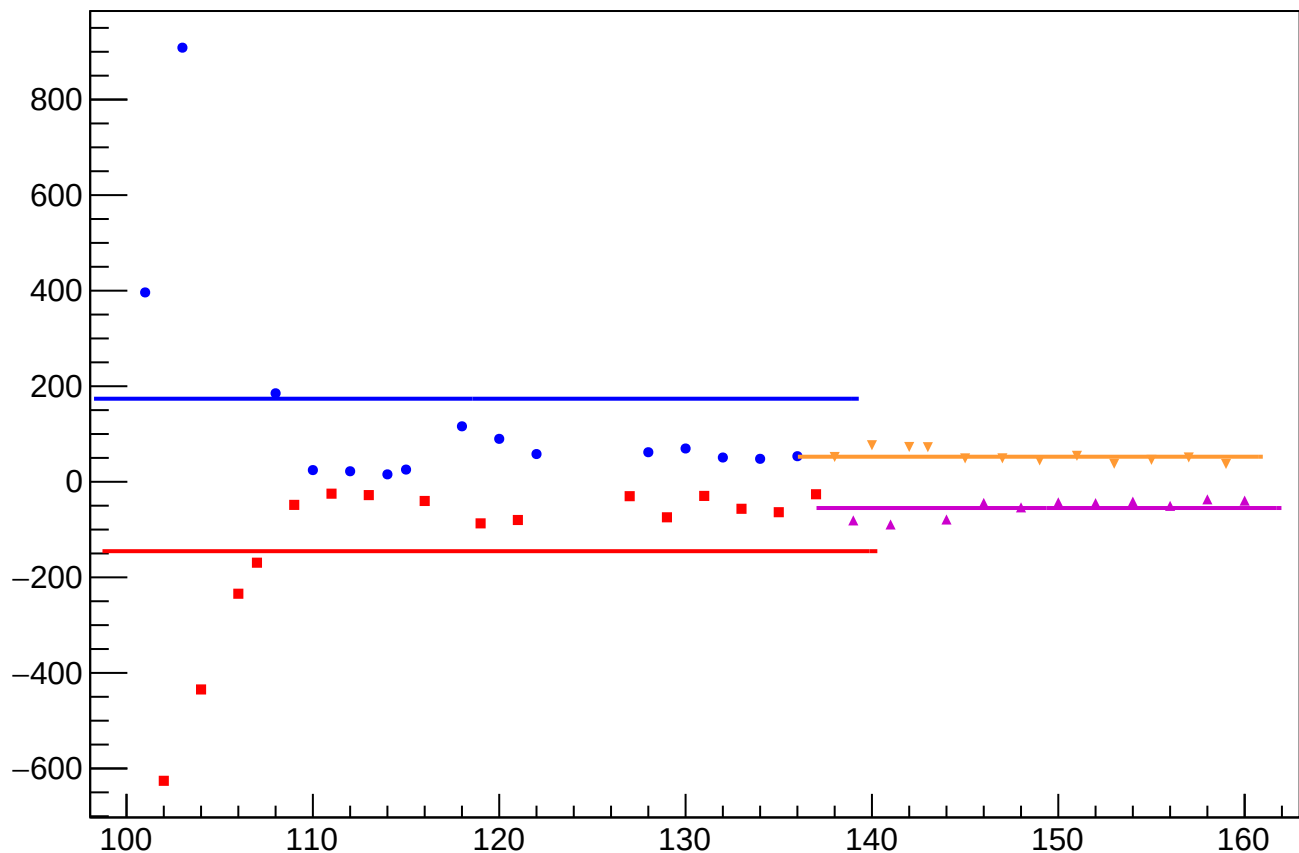
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam7_coil6_mean vs Slug, Sign Corrected



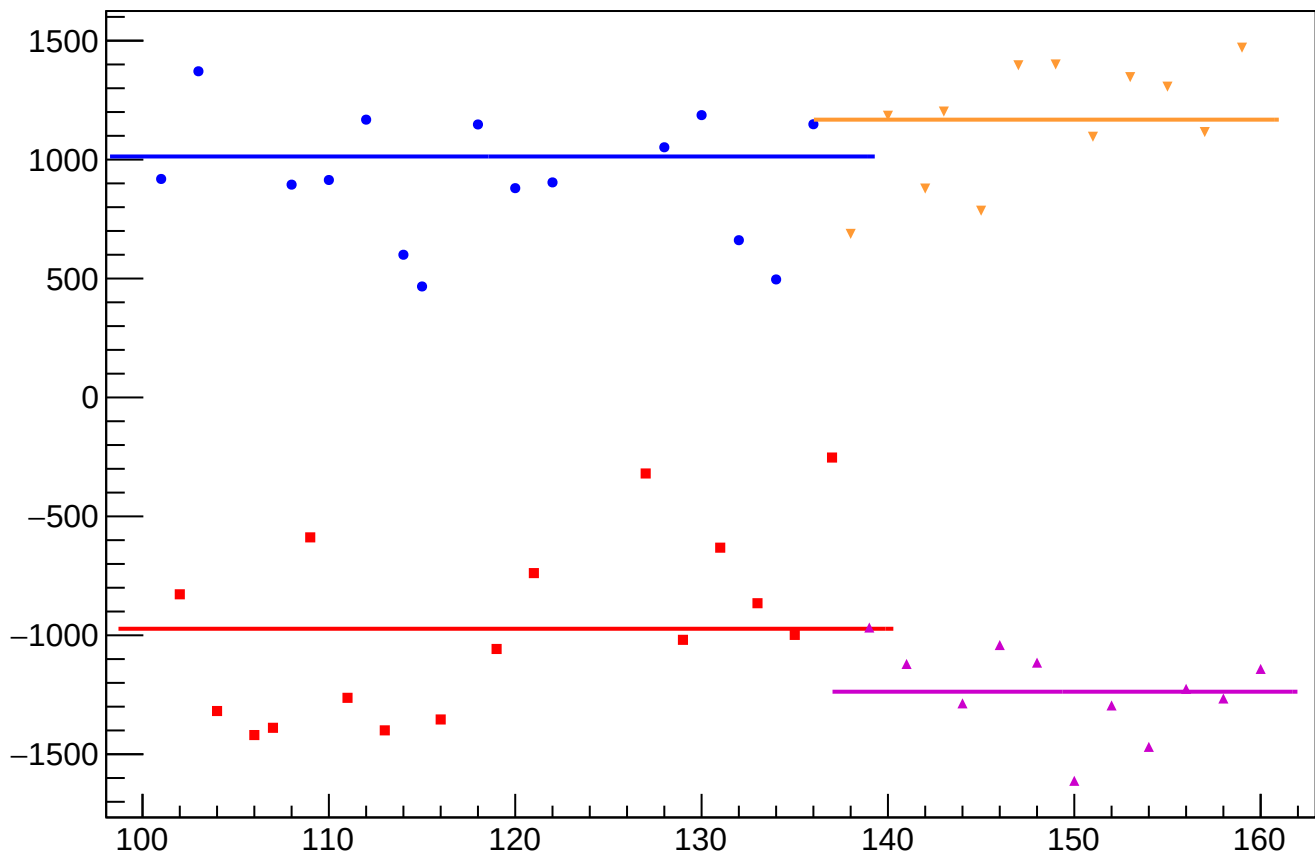
Left: -8.316 +/- 0.000 χ^2/NDF : 45410418024076154
 Right: 2.840 +/- 0.000 χ^2/NDF : 17082276741945895
 In: -168.836 +/- 0.000 χ^2/NDF : 2663585226046871
 Out: 160.358 +/- 0.000 χ^2/NDF : 2731346996433979
 All: -3.665 +/- 0.000 χ^2/NDF : 6250224533135

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



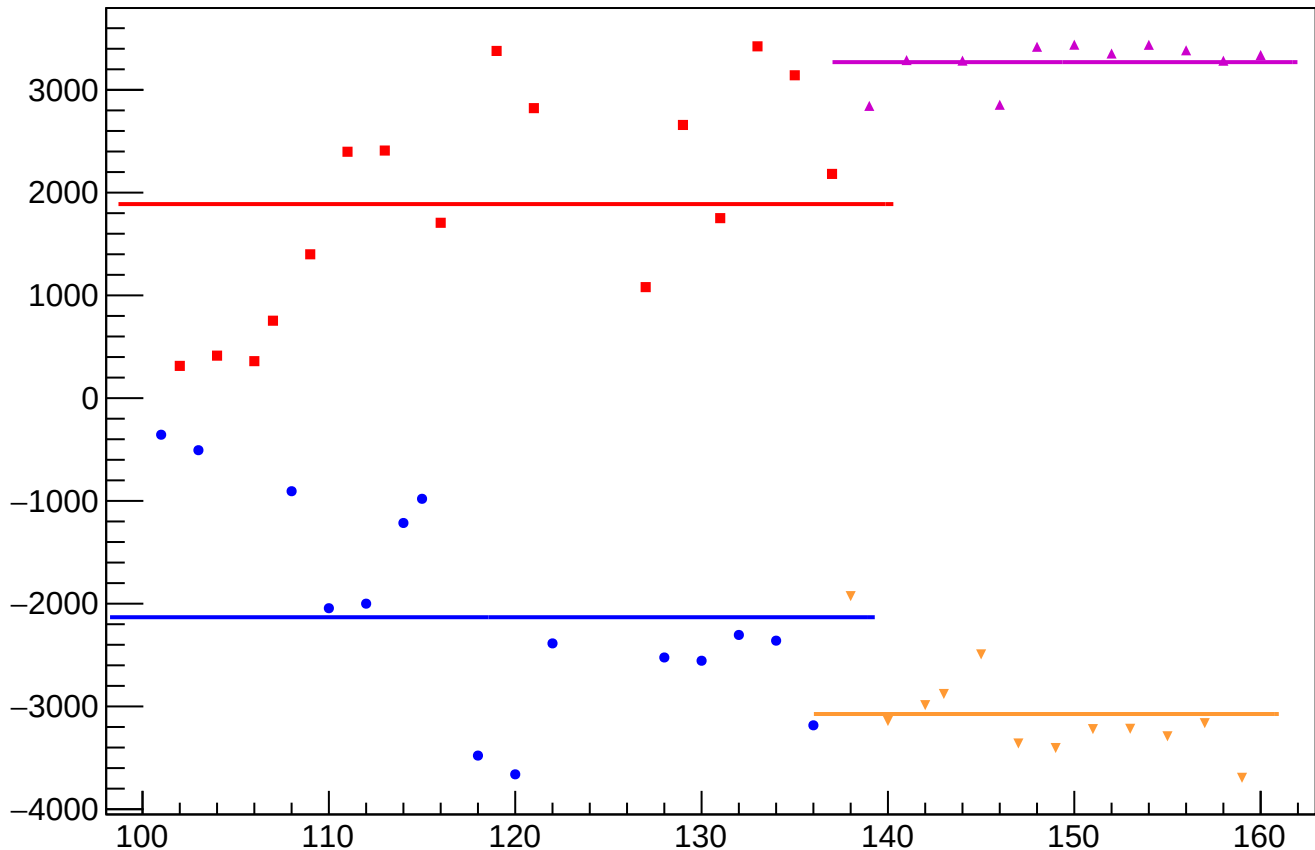
Left: -1.408 +/- 0.000 χ^2/NDF : 57476296462672576
 Right In: 173.871 +/- 0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Right: 12.139 +/- 0.000 χ^2/NDF : 9772897307710637
 Left Out: 52.484 +/- 0.000 χ^2/NDF : 140982522312355375266483802671677440.0/11
 In: 39.493 +/- 0.000 χ^2/NDF : 619564021613478724
 Right Out: -145.228 +/- 0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Out: -30.770 +/- 0.000 χ^2/NDF : 3776461617850606
 Left In: -54.891 +/- 0.000 χ^2/NDF : 300358274506113612486338175884591104.0/10
 All: 4.239 +/- 0.000 χ^2/NDF : 10361743974662

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000

Left Out: -3073.640+/-0.000

Right Out: 1888.448+/-0.000

Left In: 3269.755+/-0.000

χ^2/NDF : 722433384570495071131450661983670501376.0/14

χ^2/NDF : 187385582436852783779369611000994070528.0/11

χ^2/NDF : 791986665551980691032719862611769819136.0/15

χ^2/NDF : 38098096180391062431092176239781216256.0/10

Left: 110.117+/-0.000 χ^2/NDF : 1874506217921654

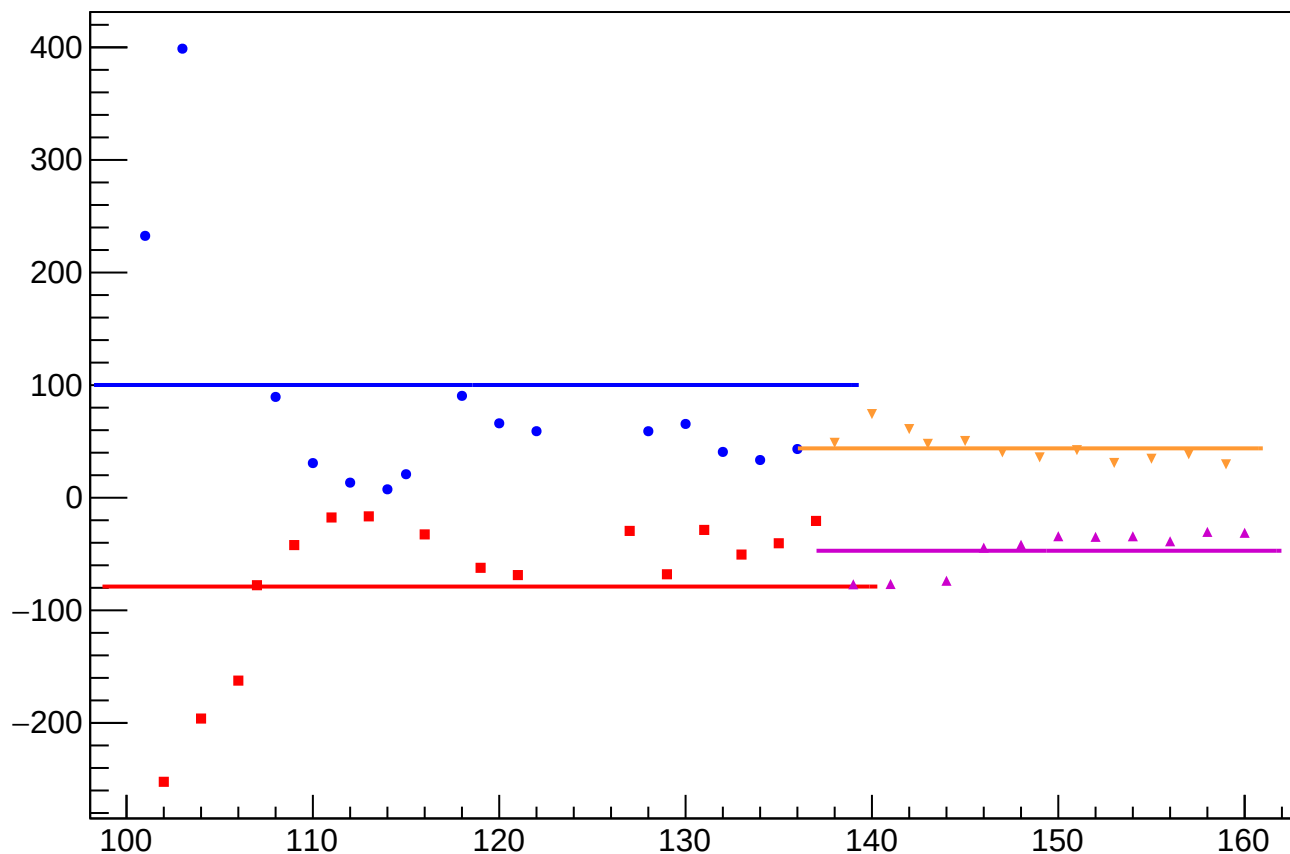
Right: -94.234+/-0.000 χ^2/NDF : 683113062504059

In: 1041.098+/-0.000 χ^2/NDF : 1188405782367471

Out: -984.175+/-0.000 χ^2/NDF : 104869294967123

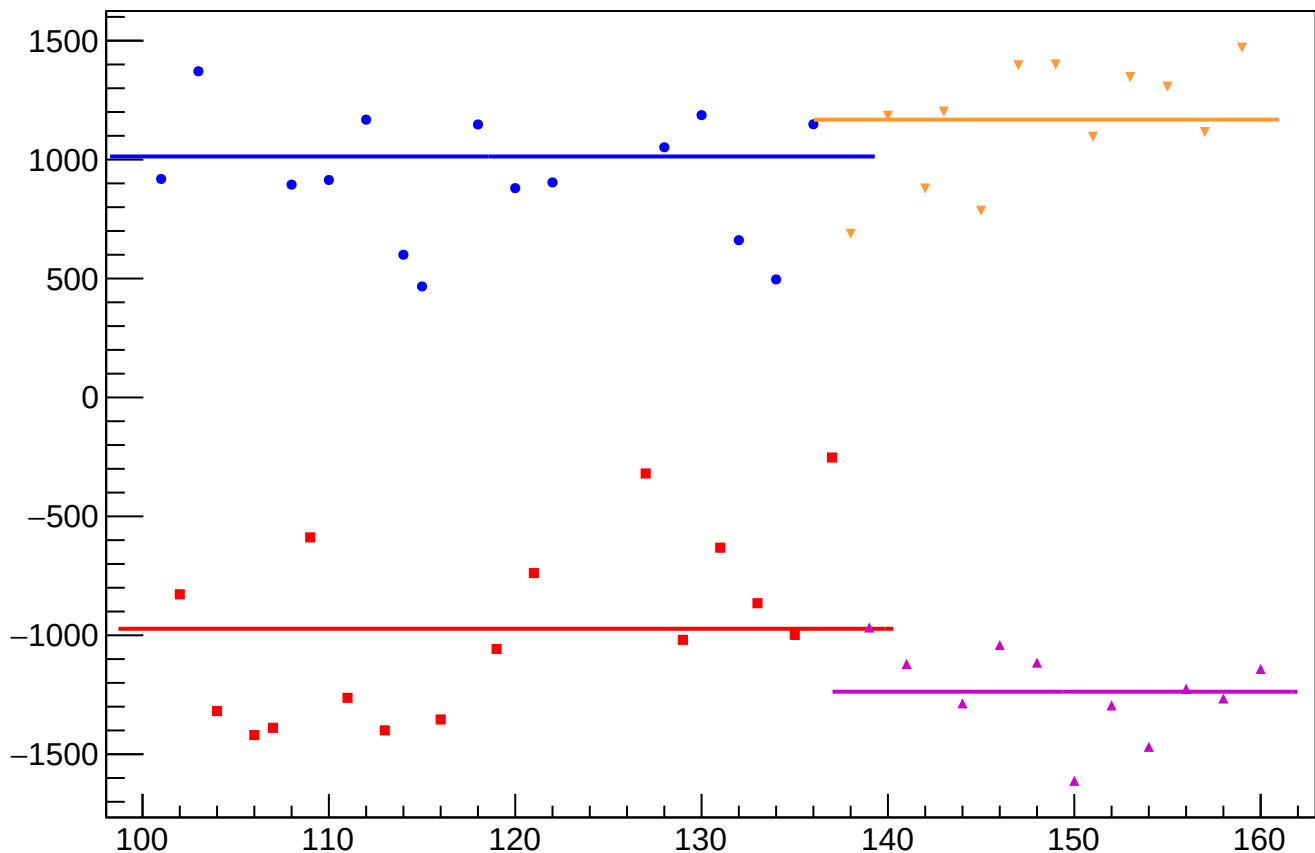
All: 24.933+/-0.000 χ^2/NDF : 2560823987852

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



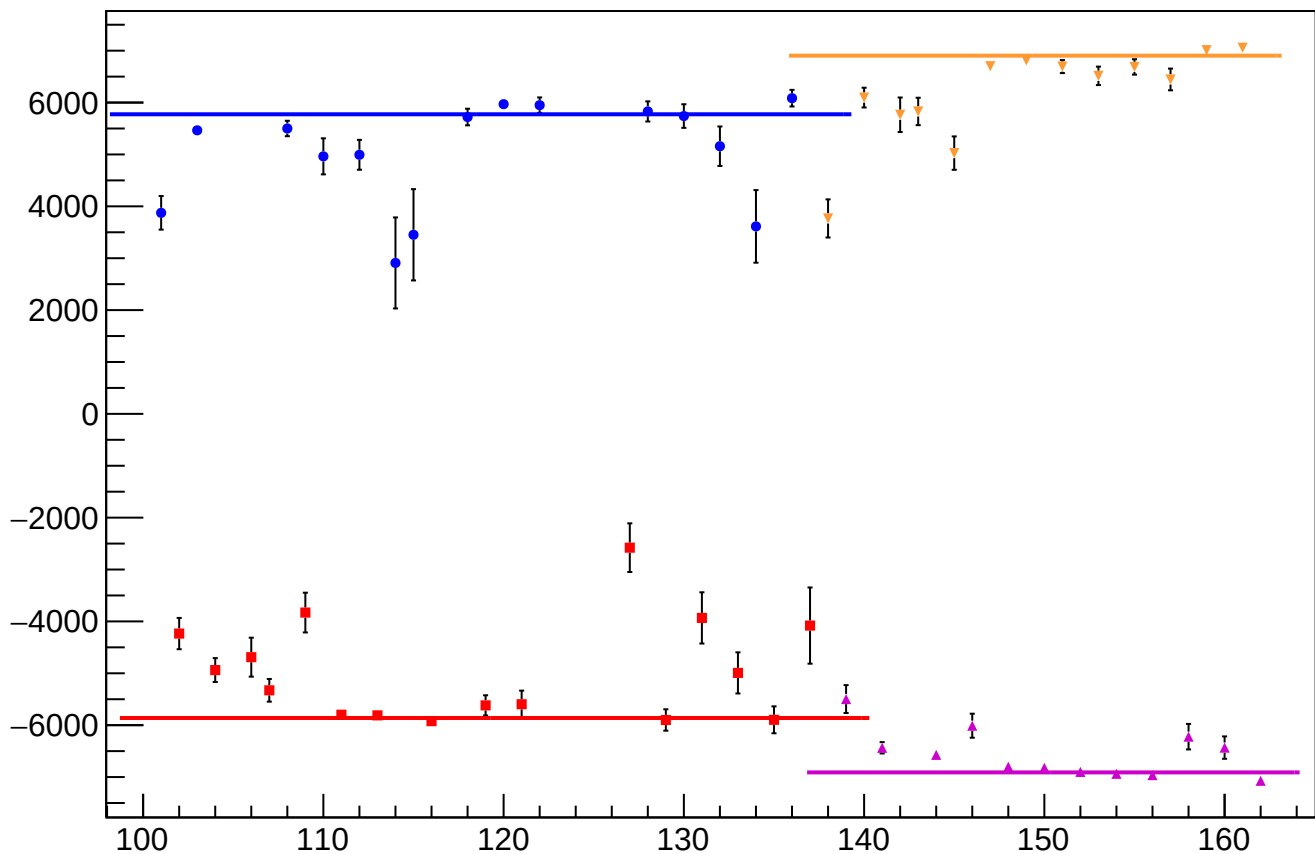
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 43.850+/-0.000 χ^2/NDF : 141916966921802590982612264966684672.0/11
 Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: -47.092+/-0.000 χ^2/NDF : 302550156086866534805447117402800128.0/10
 All: 2.873+/-0.000 χ^2/NDF : 26227631084667

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1167.974+/-0.000 χ^2/NDF : 54610138783870430946405205692756525056.0/11
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1237.150+/-0.000 χ^2/NDF : 30323445843993737164691986740223672320.0/10
 All: -20.018+/-0.000 χ^2/NDF : 415638151623

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14

Left Out: 6904.015 $\pm$ 0.231 χ^2/NDF : 196199.6/12

Right Out: -5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15

Left In: -6910.138 $\pm$ 0.157 χ^2/NDF : 364935.4/11

Left: -2532.618 $\pm$ 0.130 χ^2/NDF : 2438466606.6/24

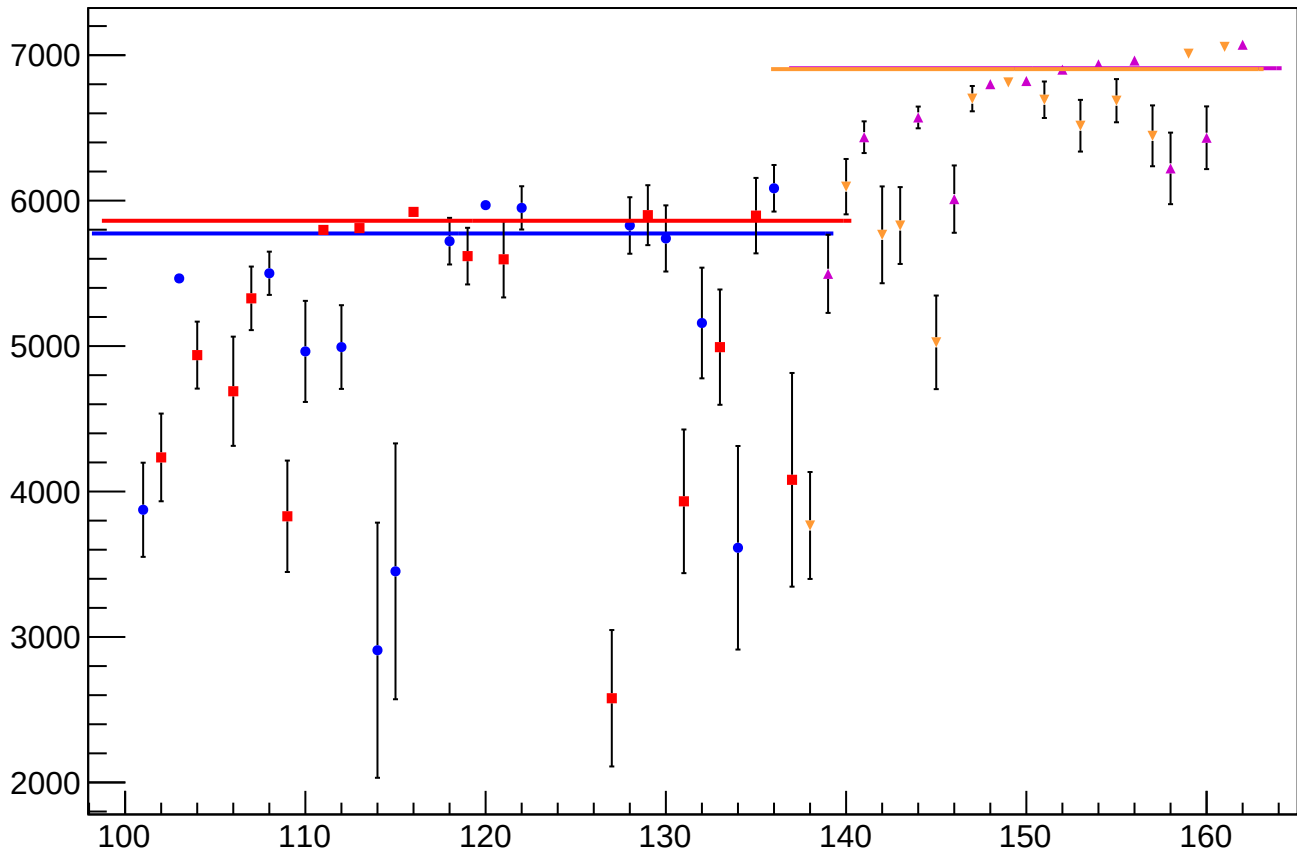
Right: -1536.191 $\pm$ 0.111 χ^2/NDF : 2585354230.9/30

In: -1460.197 $\pm$ 0.119 χ^2/NDF : 2789092134.7/26

Out: -2452.579 $\pm$ 0.119 χ^2/NDF : 2234104601.2/28

All: -1954.085 $\pm$ 0.084 χ^2/NDF : 5057841652

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6904.015 $\pm$ 0.231 χ^2 /NDF: 196199.6/12

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

Left In: 6910.138 $\pm$ 0.157 χ^2 /NDF: 364935.4/11

Left: 6908.198 $\pm$ 0.130 χ^2 /NDF: 561613.9/24

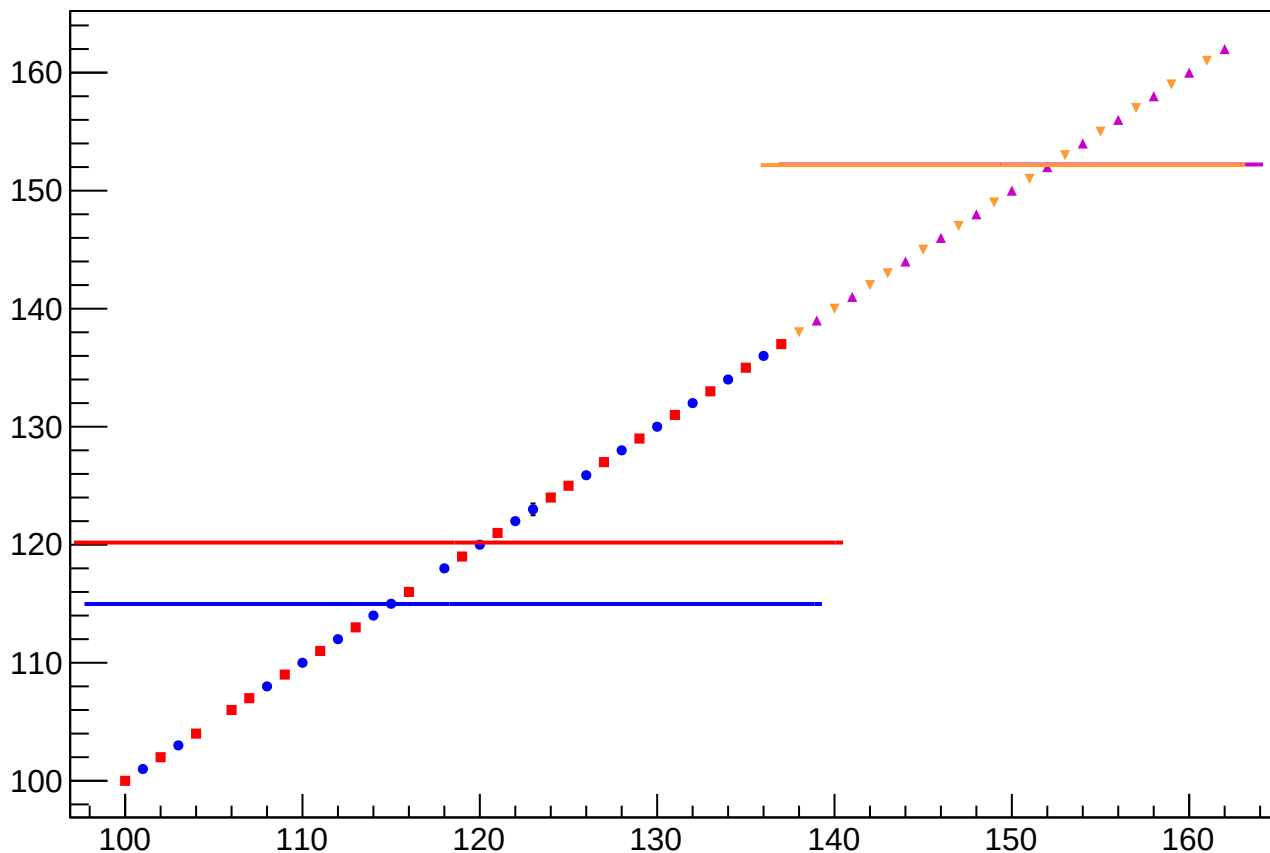
Right: 5828.993 $\pm$ 0.111 χ^2 /NDF: 2154118.4/30

In: 6422.033 $\pm$ 0.119 χ^2 /NDF: 24547916.4/26

Out: 6139.864 $\pm$ 0.119 χ^2 /NDF: 15275099.8/28

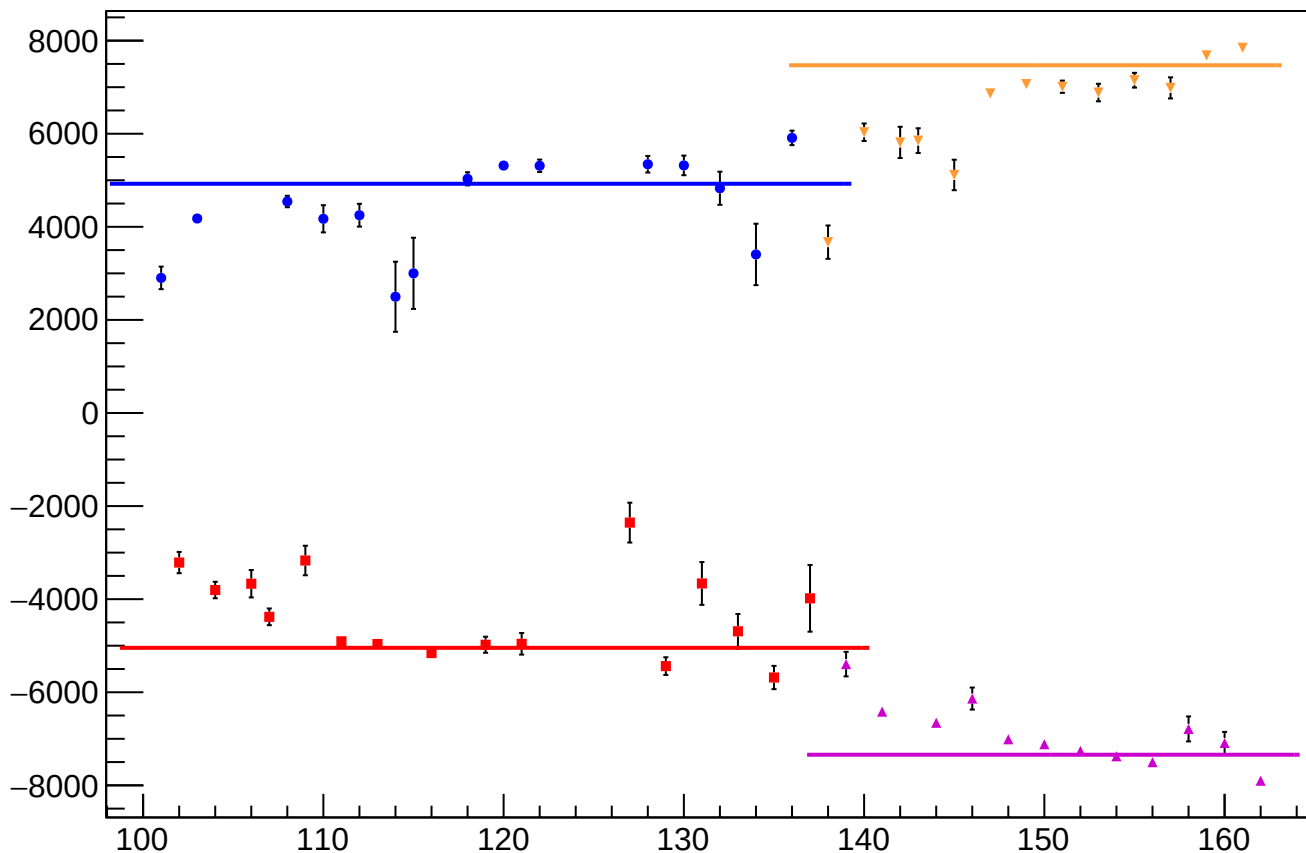
All: 6281.603 $\pm$ 0.084 χ^2 /NDF: 42623932.7/5

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 152.168+/-0.000 χ^2/NDF : 29603752844836647242838730342400.0/12
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 152.217+/-0.000 χ^2/NDF : 13131625643598975517651864911872.0/11
 All: 128.067+/-0.000 χ^2/NDF : 118082393973

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2/NDF : 330994.6/14

Left Out: 7471.049 $\pm$ 0.934 χ^2/NDF :129340.5/12

Right Out: -5045.221 $\pm$ 0.668 χ^2/NDF : 30179.9/15

Left In: -7342.371 $\pm$ 0.709 χ^2/NDF :154110.8/11

Left: -1926.378 $\pm$ 0.565 χ^2/NDF : 159833934.7/24

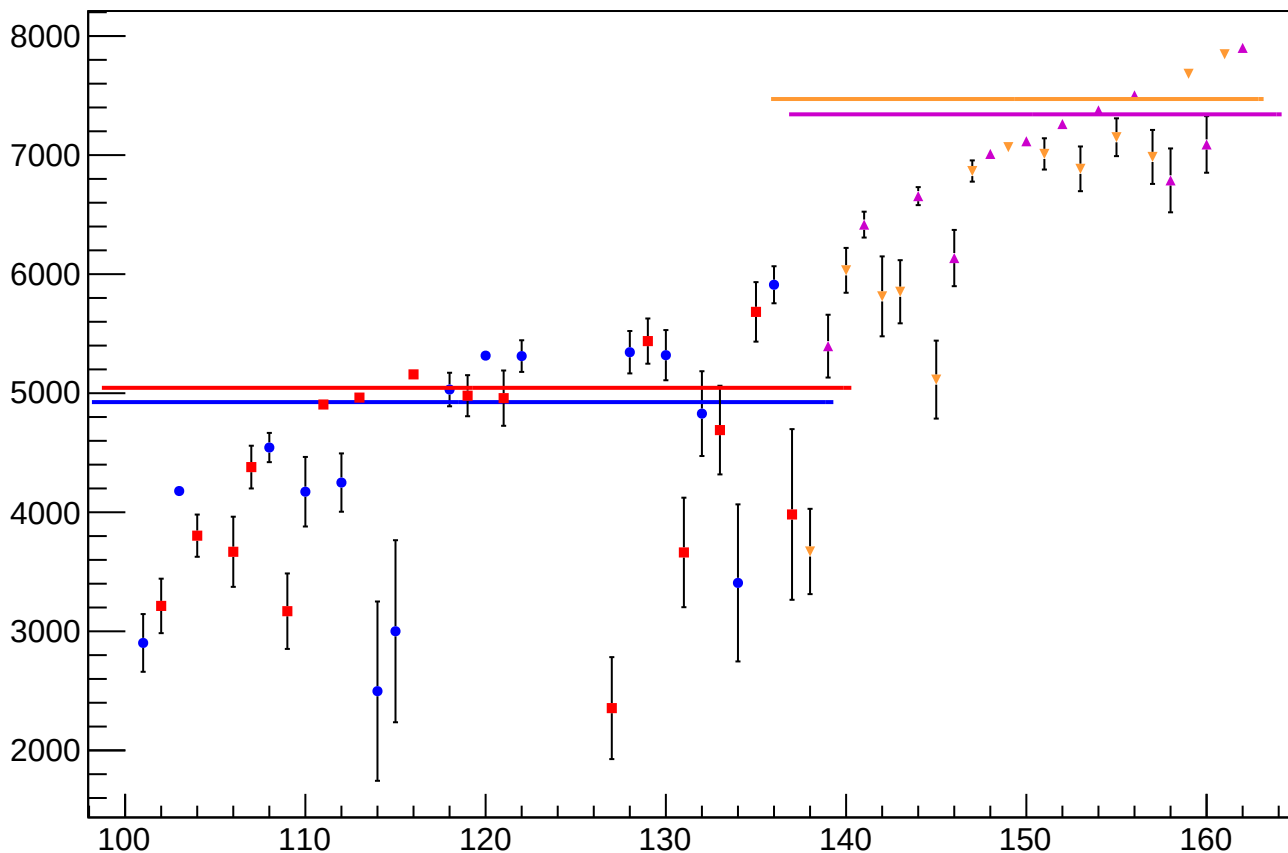
Right: -1694.510 $\pm$ 0.544 χ^2/NDF : 75266282.5/30

In: -2885.183 $\pm$ 0.566 χ^2/NDF :109224760.3/26

Out: -811.376 $\pm$ 0.543 χ^2/NDF :118973150.7/28

All: -1806.133 $\pm$ 0.392 χ^2/NDF : 235187619.1

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7471.049 $\pm$ 0.934 χ^2 /NDF:129340.5/12

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

Left In: 7342.371 $\pm$ 0.709 χ^2 /NDF:154110.8/11

Left: 7389.417 $\pm$ 0.565 χ^2 /NDF: 295490.5/24

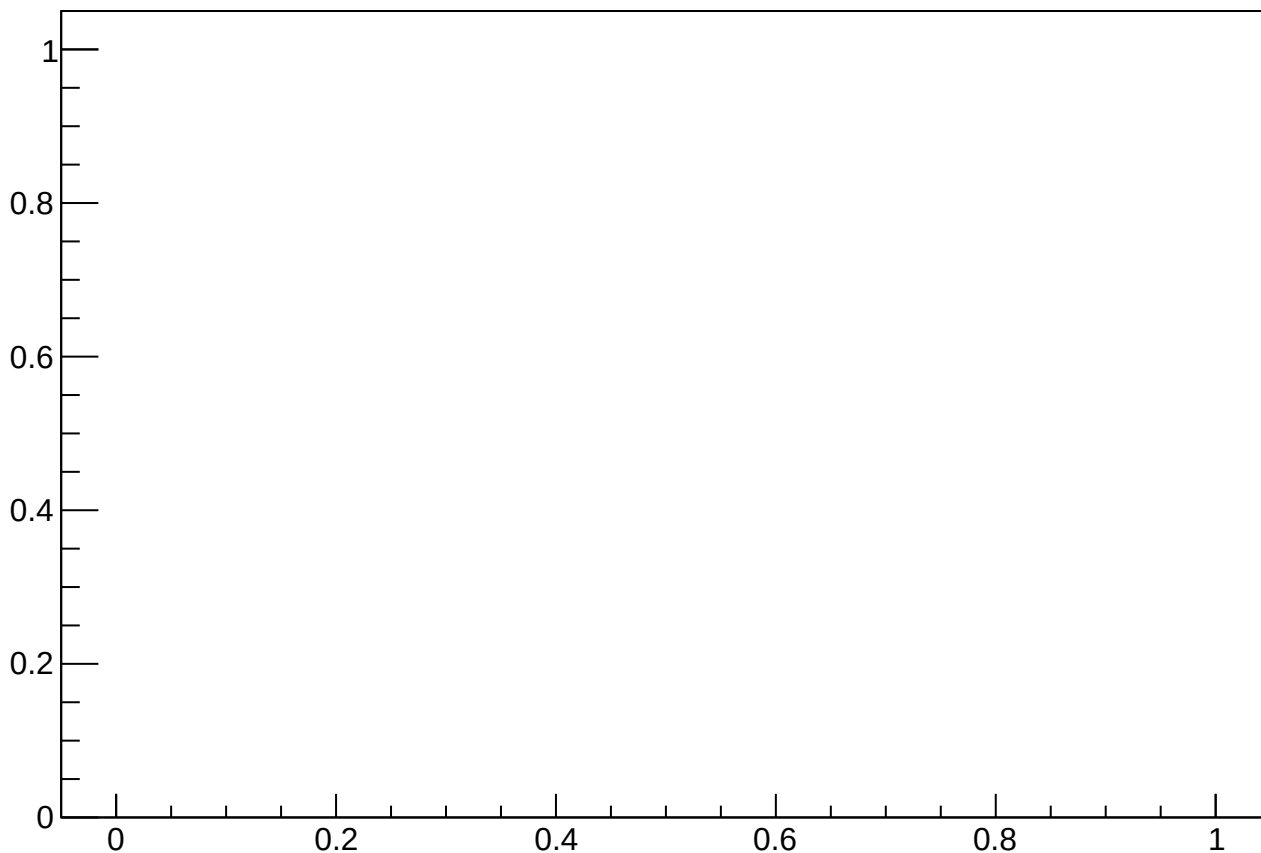
Right: 5004.922 $\pm$ 0.544 χ^2 /NDF: 372009.4/30

In: 6464.184 $\pm$ 0.566 χ^2 /NDF:4706345.9/26

Out: 5865.799 $\pm$ 0.543 χ^2 /NDF:4622616.8/28

All: 6152.830 $\pm$ 0.392 χ^2 /NDF: 9910908.8/55

dit_scandata1_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_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

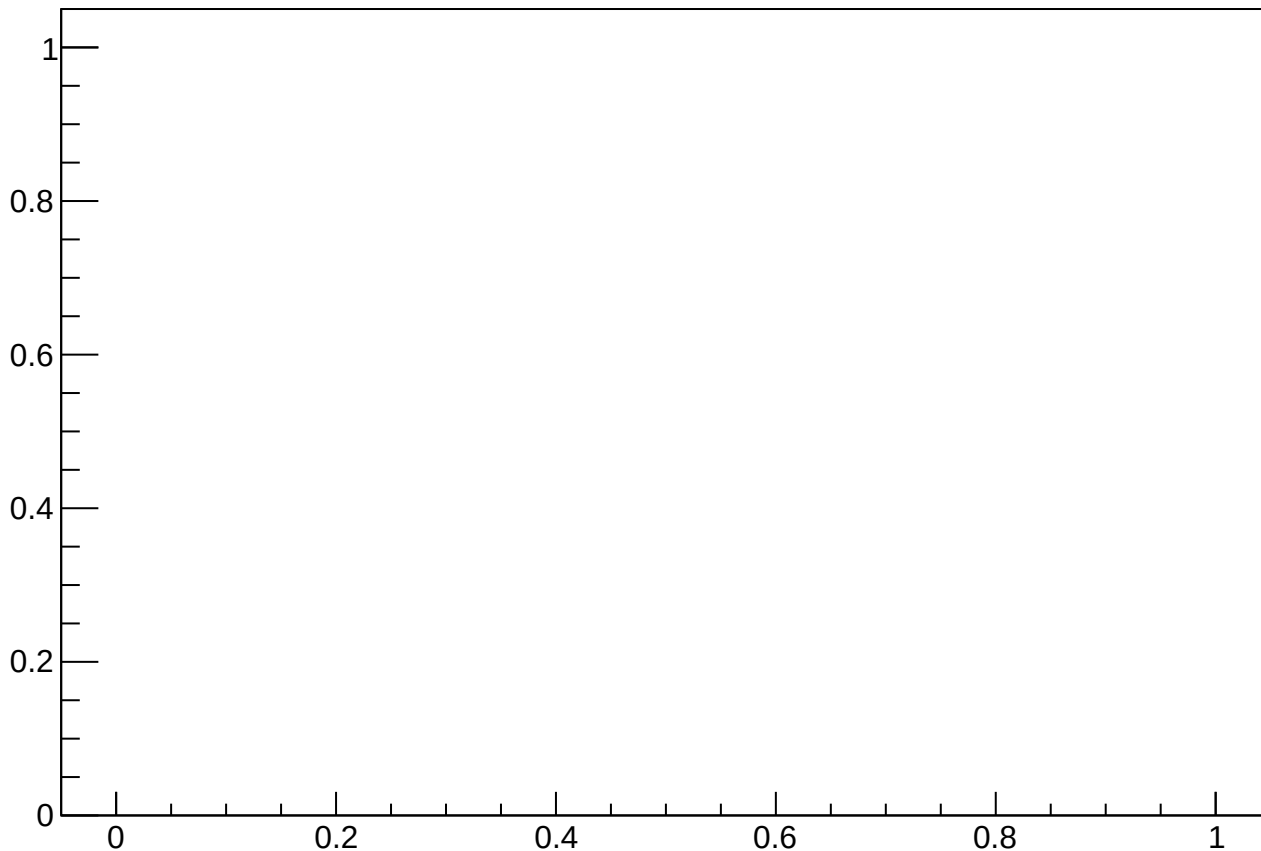
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

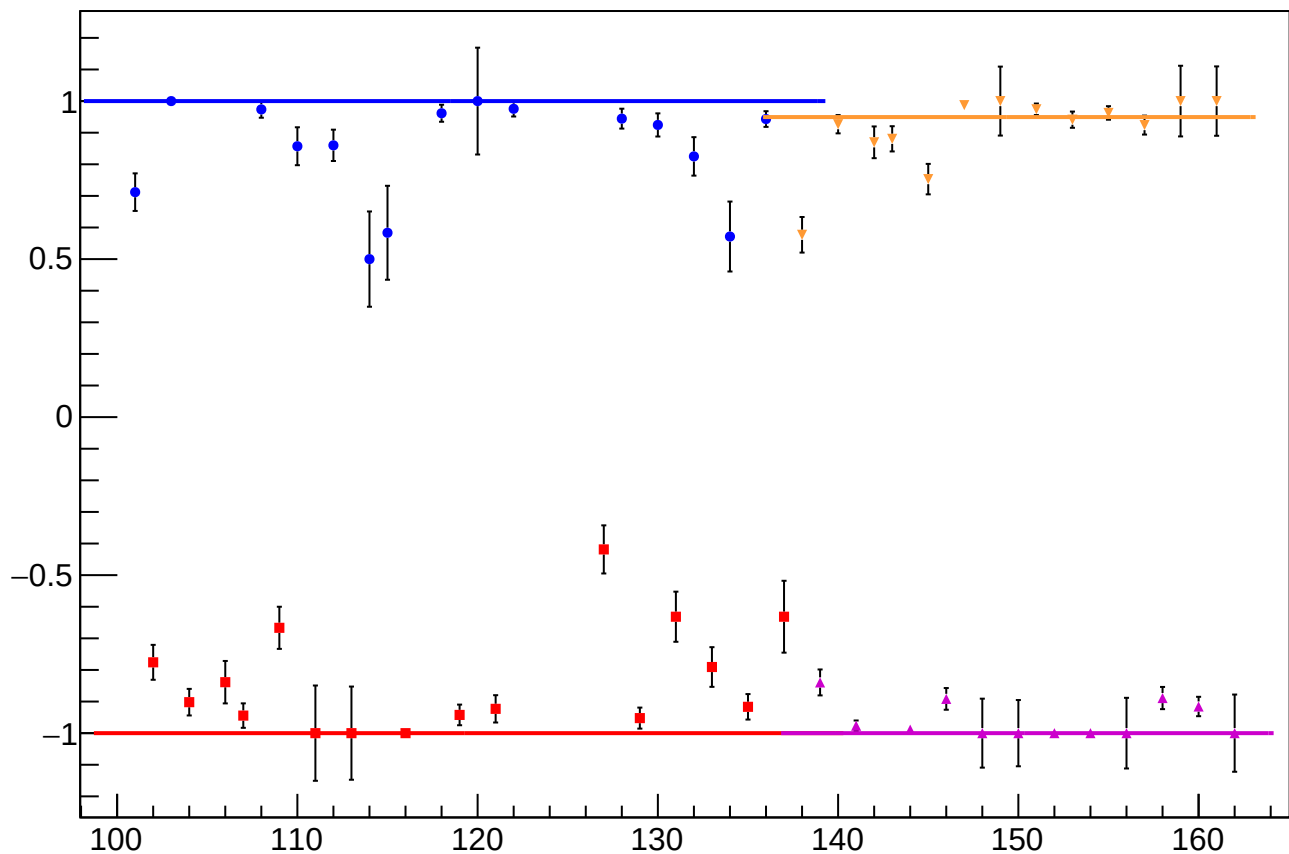
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

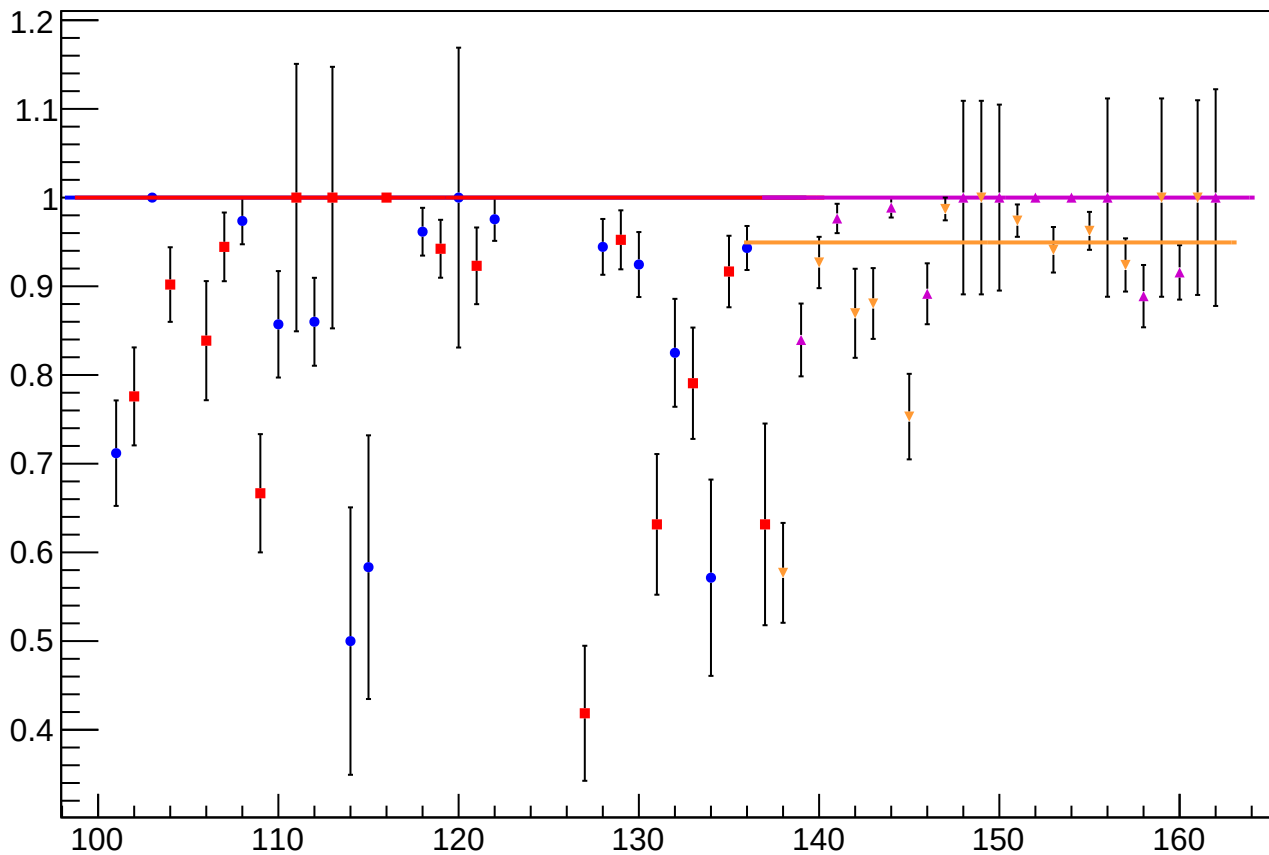
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.949 ± 0.008 $\chi^2/\text{NDF}: 78.8/12$

Right Out: 1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

Left In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 389.8/11$

Left: 1.000 ± 0.000 $\chi^2/\text{NDF}: 512.4/24$

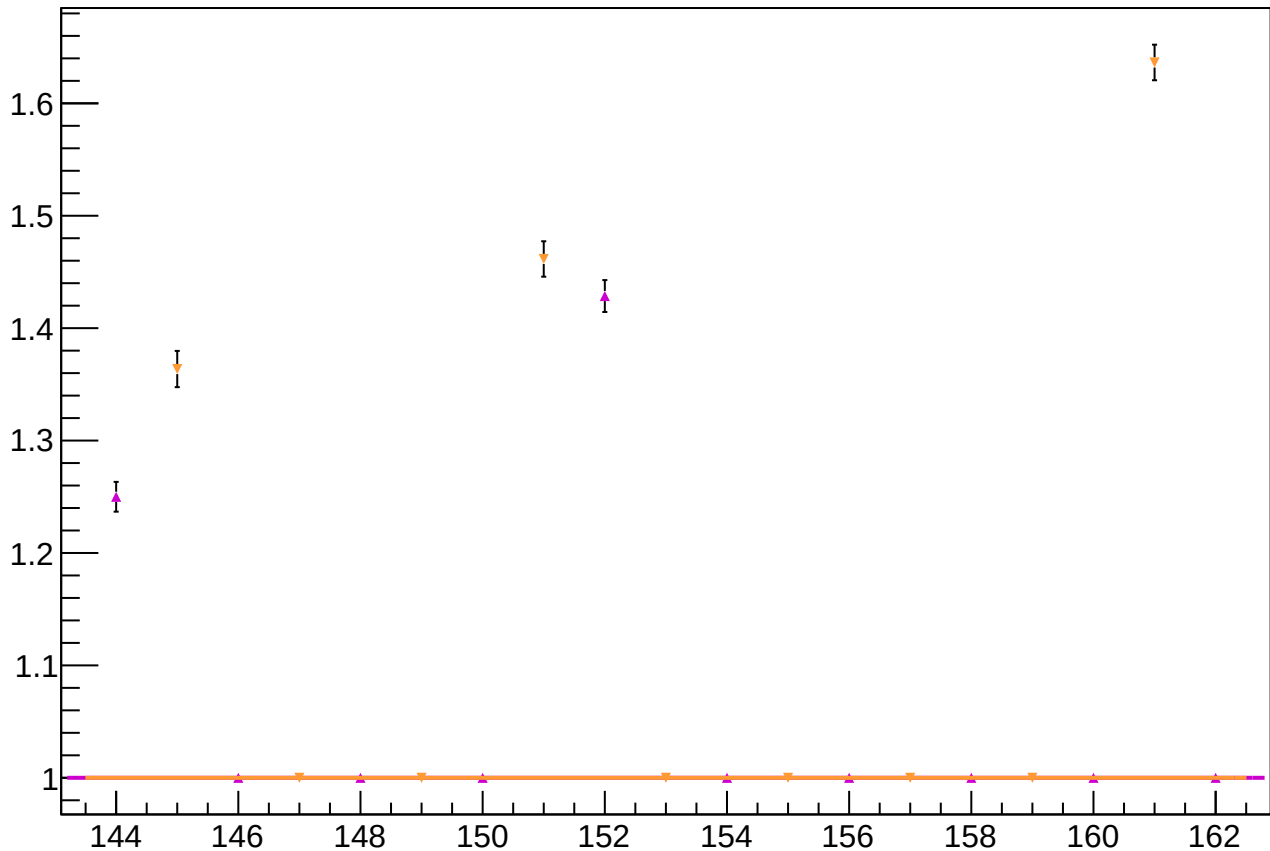
Right: 1.000 ± 0.000 $\chi^2/\text{NDF}: 347.8/30$

In: 1.000 ± 0.000 $\chi^2/\text{NDF}: 485.7/26$

Out: 1.000 ± 0.000 $\chi^2/\text{NDF}: 291.4/28$

All: 1.000 ± 0.000 $\chi^2/\text{NDF}: 777.2/55$

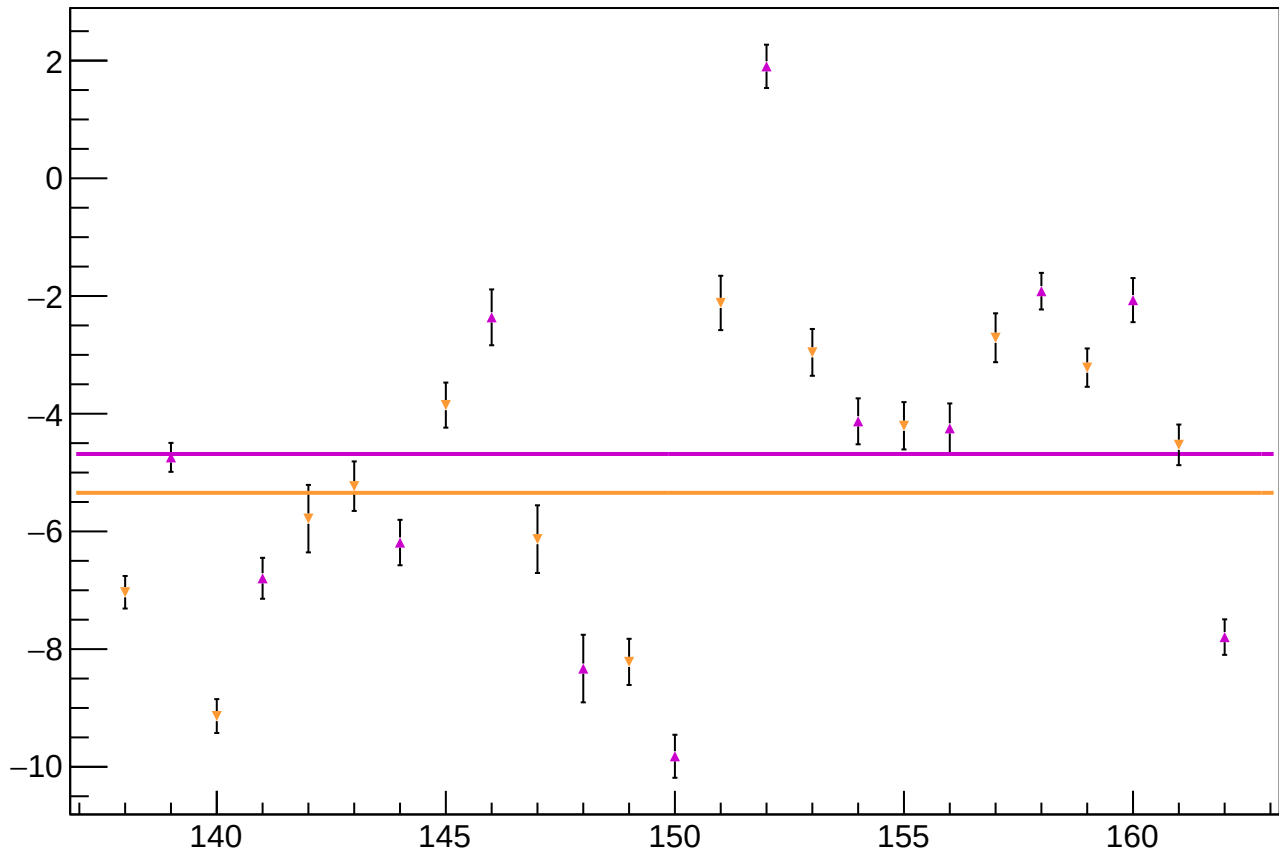
dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 1.000+/-0.000 χ^2/NDF :4278.5/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.000+/-0.000 χ^2/NDF :1930.5/9

Left: 1.000+/-0.000 χ^2/NDF : 5401.6/18
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 1.000+/-0.000 χ^2/NDF :1930.5/9
Out: 1.000+/-0.000 χ^2/NDF :4278.5/8
All: 1.000+/-0.000 χ^2/NDF : 5401.6/18

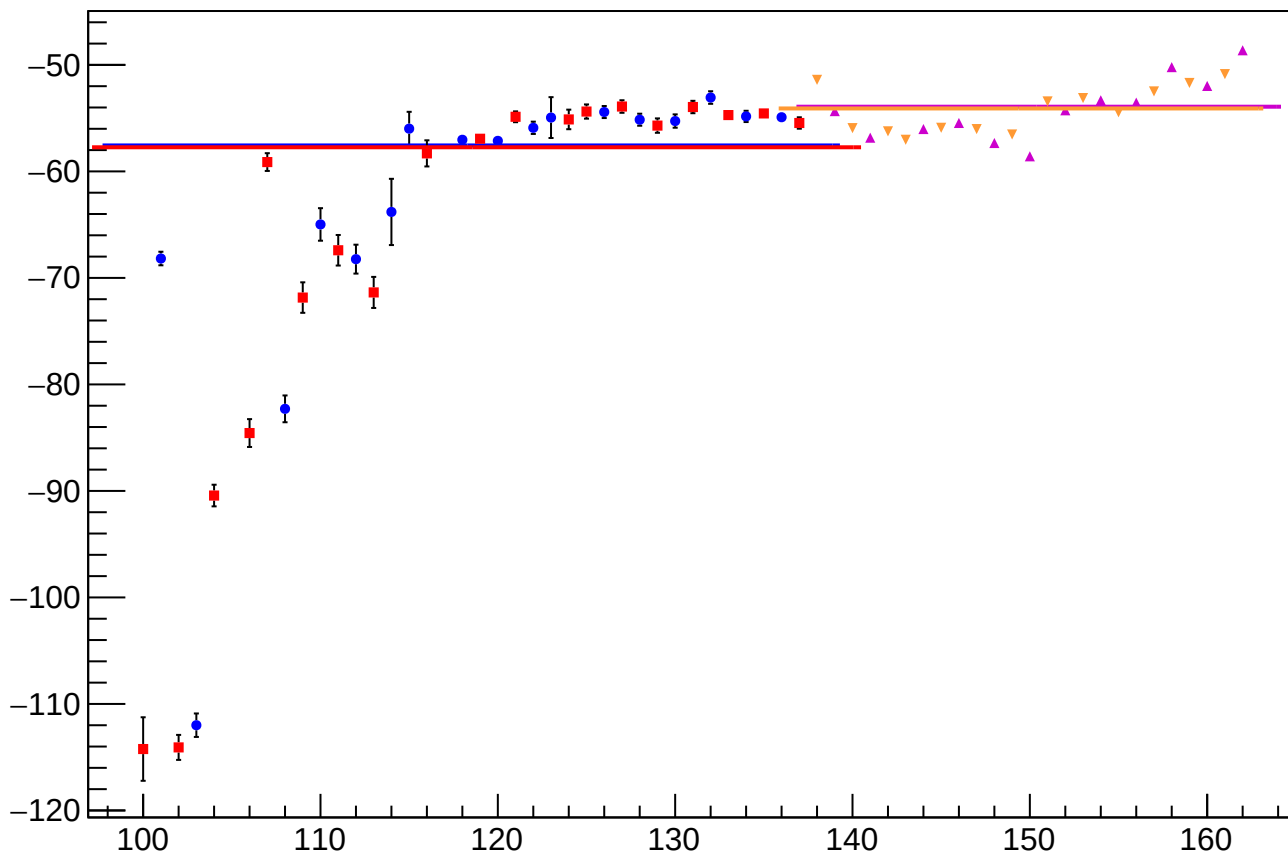
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.344+/-0.105 χ^2/NDF :463.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.684+/-0.103 χ^2/NDF :870.7/11

Left: -5.008+/-0.073 χ^2/NDF : 1354.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.684+/-0.103 χ^2/NDF :870.7/11
 Out: -5.344+/-0.105 χ^2/NDF :463.2/12
 All: -5.008+/-0.073 χ^2/NDF : 1354.1/24

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 $\pm$ 0.141 χ^2 /NDF: 3455.9/16

Left Out: -54.091 $\pm$ 0.077 χ^2 /NDF: 772.7/12

Right Out: -57.736 $\pm$ 0.143 χ^2 /NDF: 4698.4/18

Left In: -53.926 $\pm$ 0.078 χ^2 /NDF: 1544.3/11

Left: -54.010 $\pm$ 0.055 χ^2 /NDF: 2319.3/24

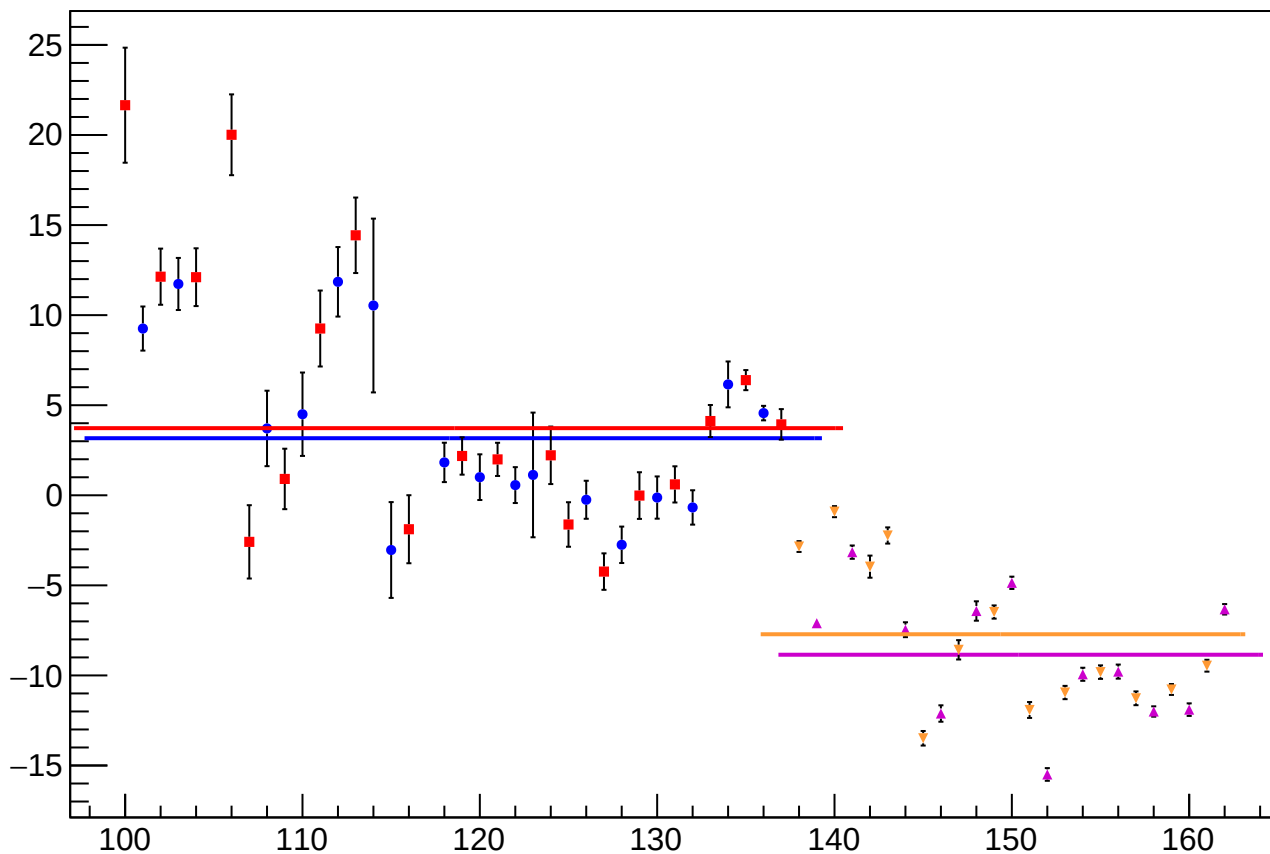
Right: -57.649 $\pm$ 0.101 χ^2 /NDF: 8155.1/35

In: -54.770 $\pm$ 0.068 χ^2 /NDF: 5508.0/28

Out: -54.904 $\pm$ 0.068 χ^2 /NDF: 5975.9/31

All: -54.837 $\pm$ 0.048 χ^2 /NDF: 11485.8/60

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -7.714 ± 0.104 χ^2/NDF : 1575.2/12

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

Left In: -8.851 ± 0.101 χ^2/NDF : 1142.0/11

Left: -8.299 ± 0.072 χ^2/NDF : 2779.1/24

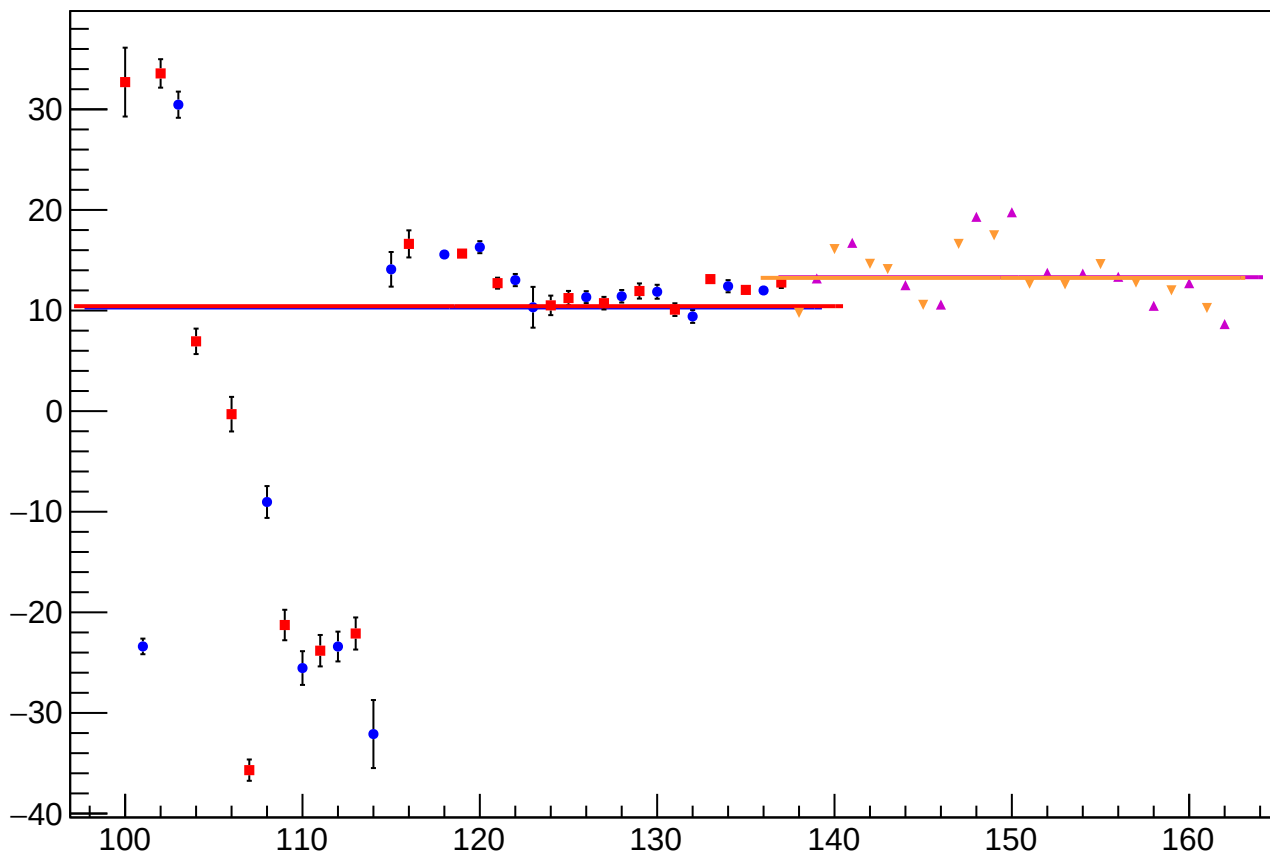
Right: 3.437 ± 0.185 χ^2/NDF : 511.7/35

In: -7.257 ± 0.094 χ^2/NDF : 3214.7/28

Out: -6.215 ± 0.097 χ^2/NDF : 3492.7/31

All: -6.752 ± 0.067 χ^2/NDF : 6767.2/60

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 13.248+/-0.089 χ^2/NDF : 722.8/12

Right Out: 10.433+/-0.160 χ^2/NDF : 3828.5/18

Left In: 13.313+/-0.088 χ^2/NDF : 1424.6/11

Left: 13.281+/-0.062 χ^2/NDF : 2147.6/24

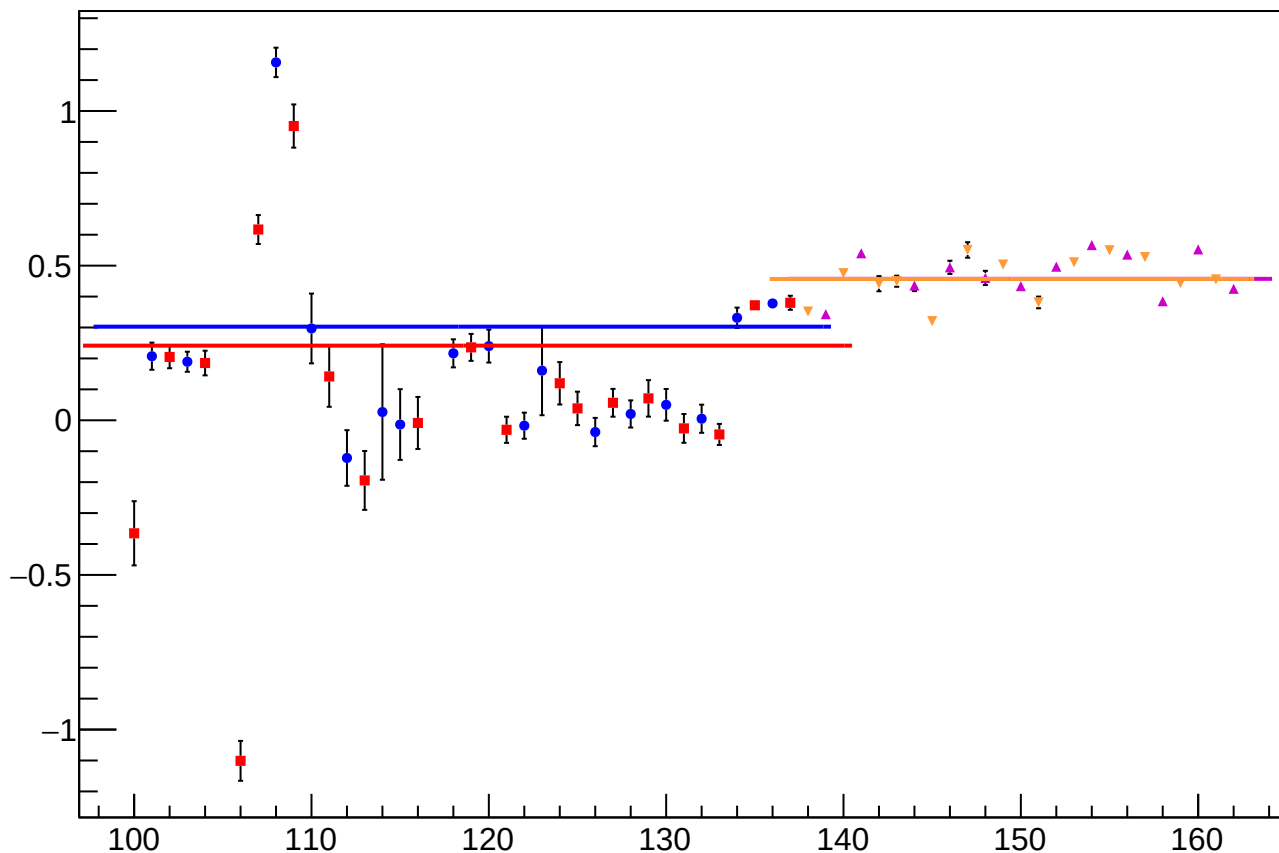
Right: 10.368+/-0.112 χ^2/NDF : 7541.1/35

In: 12.591+/-0.077 χ^2/NDF : 5416.4/28

Out: 12.587+/-0.077 χ^2/NDF : 4788.5/31

All: 12.589+/-0.055 χ^2/NDF : 10204.9/60

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2/NDF : 646.6/16

Left Out: 0.457 $\pm$ 0.004 χ^2/NDF :297.9/12

Right Out: 0.241 $\pm$ 0.008 χ^2/NDF : 986.7/18

Left In: 0.457 $\pm$ 0.004 χ^2/NDF :417.2/11

Left: 0.457 $\pm$ 0.003 χ^2/NDF : 715.1/24

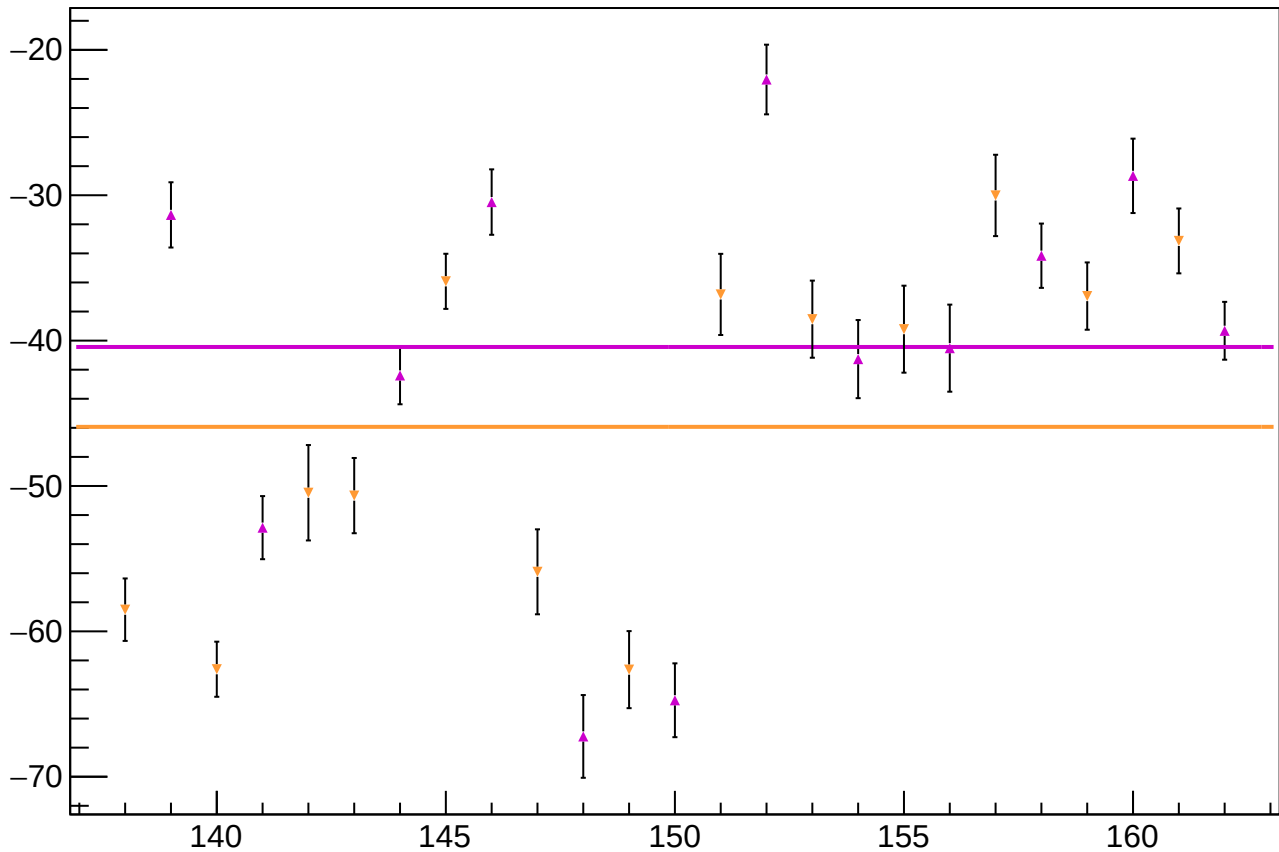
Right: 0.273 $\pm$ 0.006 χ^2/NDF : 1660.4/35

In: 0.430 $\pm$ 0.003 χ^2/NDF :1356.0/28

Out: 0.418 $\pm$ 0.004 χ^2/NDF :1813.3/31

All: 0.424 $\pm$ 0.002 χ^2/NDF : 3174.5/60

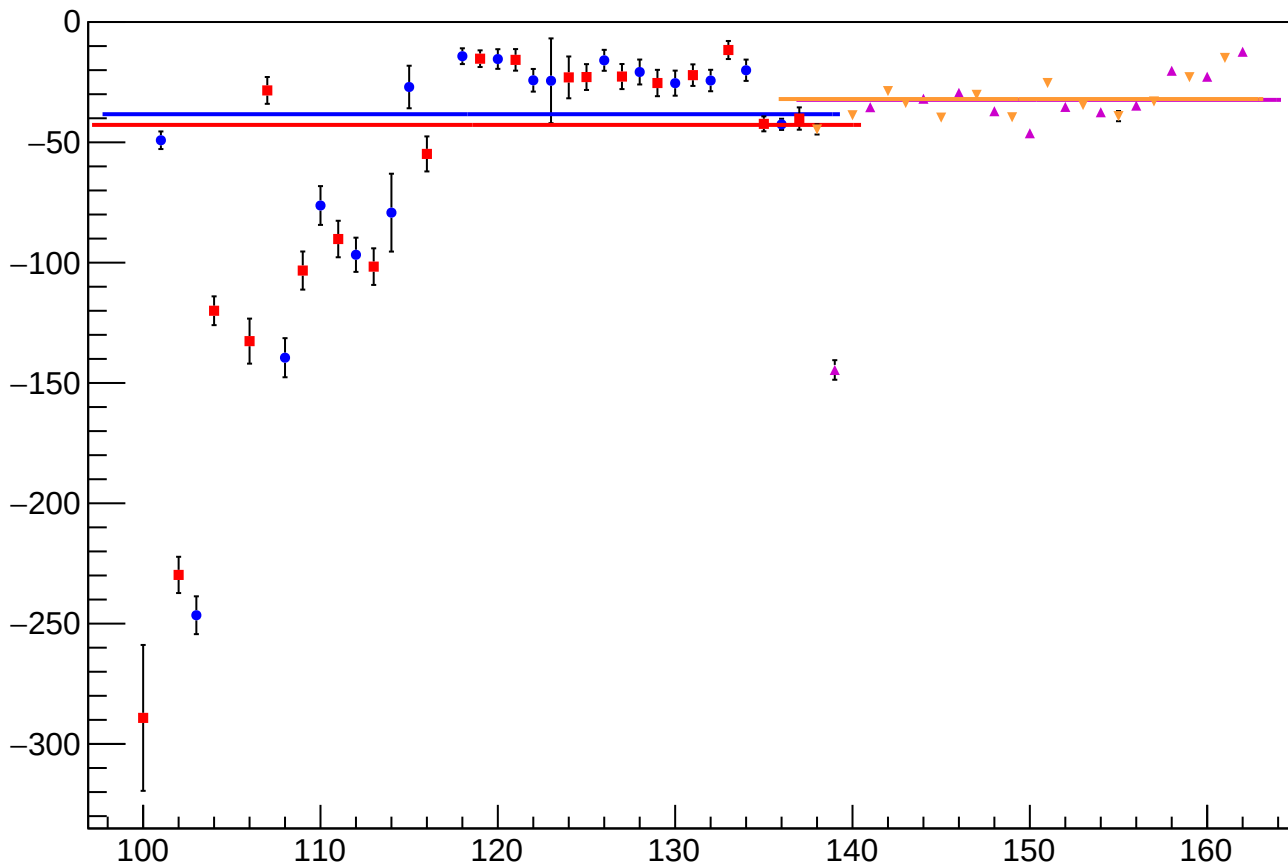
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -45.932+/-0.679 χ^2/NDF :299.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.437+/-0.678 χ^2/NDF :338.5/11

Left: -43.183+/-0.480 χ^2/NDF : 671.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.437+/-0.678 χ^2/NDF :338.5/11
 Out: -45.932+/-0.679 χ^2/NDF :299.9/12
 All: -43.183+/-0.480 χ^2/NDF : 671.3/24

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -32.008 ± 0.474 $\chi^2/\text{NDF}: 287.2/12$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

Left In: -32.352 ± 0.478 $\chi^2/\text{NDF}: 1110.8/11$

Left: -32.179 ± 0.337 $\chi^2/\text{NDF}: 1398.3/24$

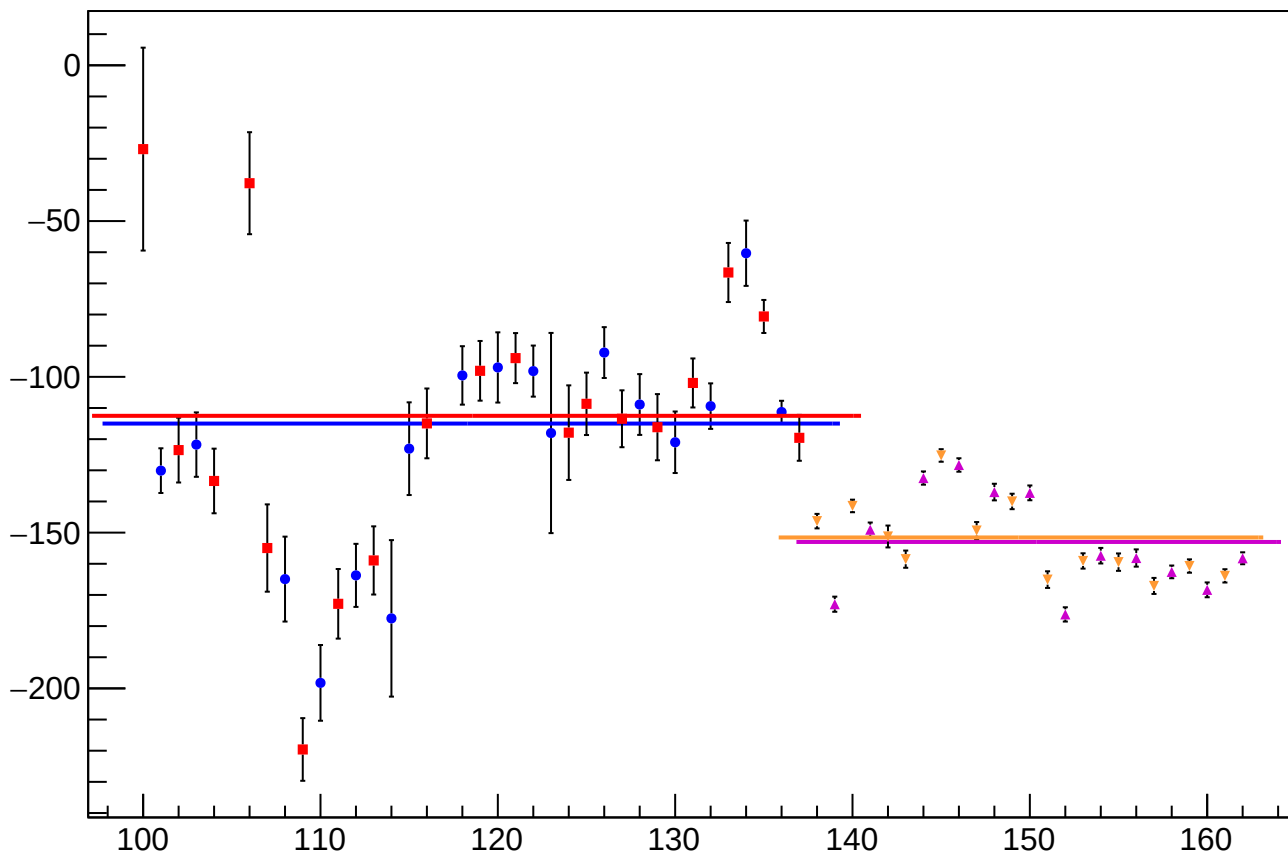
Right: -40.393 ± 0.829 $\chi^2/\text{NDF}: 2481.4/35$

In: -33.247 ± 0.441 $\chi^2/\text{NDF}: 2266.8/28$

Out: -33.439 ± 0.442 $\chi^2/\text{NDF}: 1697.1/31$

All: -33.343 ± 0.312 $\chi^2/\text{NDF}: 3964.0/60$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -151.551 ± 0.673 $\chi^2/\text{NDF}: 360.4/12$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

Left In: -152.998 ± 0.662 $\chi^2/\text{NDF}: 555.6/11$

Left: -152.286 ± 0.472 $\chi^2/\text{NDF}: 918.3/24$

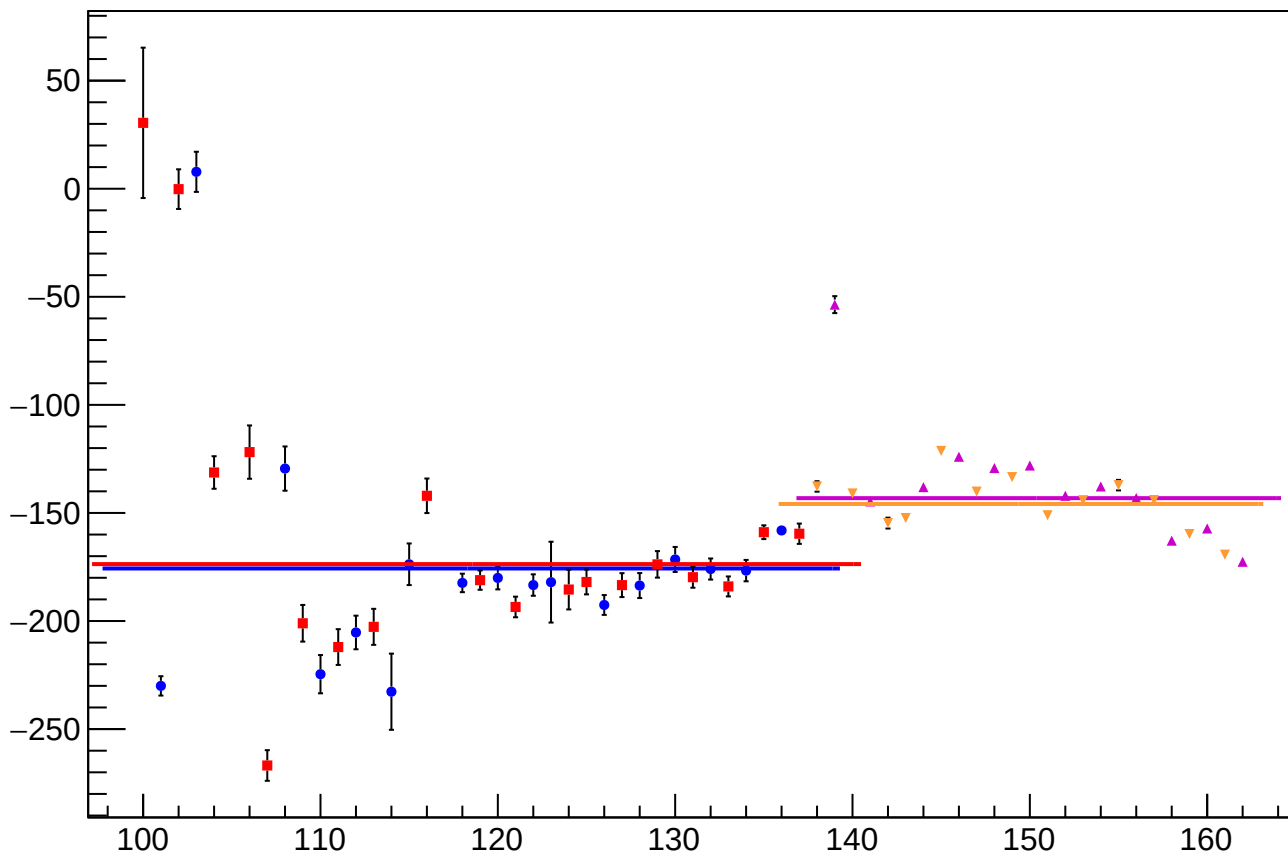
Right: -113.831 ± 1.511 $\chi^2/\text{NDF}: 415.6/35$

In: -149.477 ± 0.631 $\chi^2/\text{NDF}: 1002.5/28$

Out: -148.225 ± 0.644 $\chi^2/\text{NDF}: 919.8/31$

All: -148.864 ± 0.451 $\chi^2/\text{NDF}: 1924.3/60$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -145.846 ± 0.559 χ^2/NDF : 565.6/12

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

Left In: -143.156 ± 0.556 χ^2/NDF : 1292.0/11

Left: -144.494 ± 0.394 χ^2/NDF : 1869.2/24

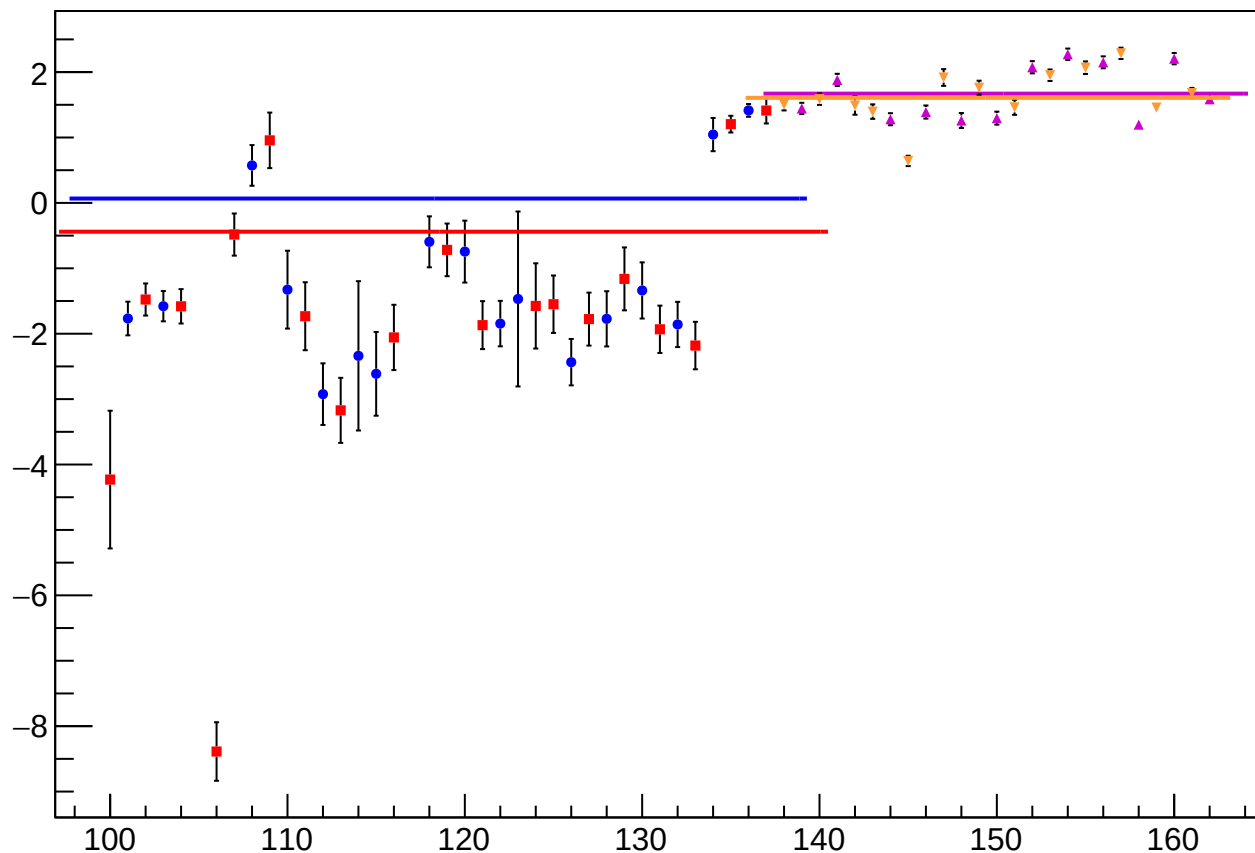
Right: -174.749 ± 0.926 χ^2/NDF : 1431.8/35

In: -148.409 ± 0.509 χ^2/NDF : 2537.5/28

Out: -149.886 ± 0.517 χ^2/NDF : 1663.2/31

All: -149.137 ± 0.363 χ^2/NDF : 4204.8/60

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 $\chi^2/\text{NDF}: 526.1/16$

Left Out: 1.606 ± 0.026 $\chi^2/\text{NDF}: 267.8/12$

Right Out: -0.440 ± 0.071 $\chi^2/\text{NDF}: 754.9/18$

Left In: 1.671 ± 0.026 $\chi^2/\text{NDF}: 239.3/11$

Left: 1.639 ± 0.018 $\chi^2/\text{NDF}: 510.1/24$

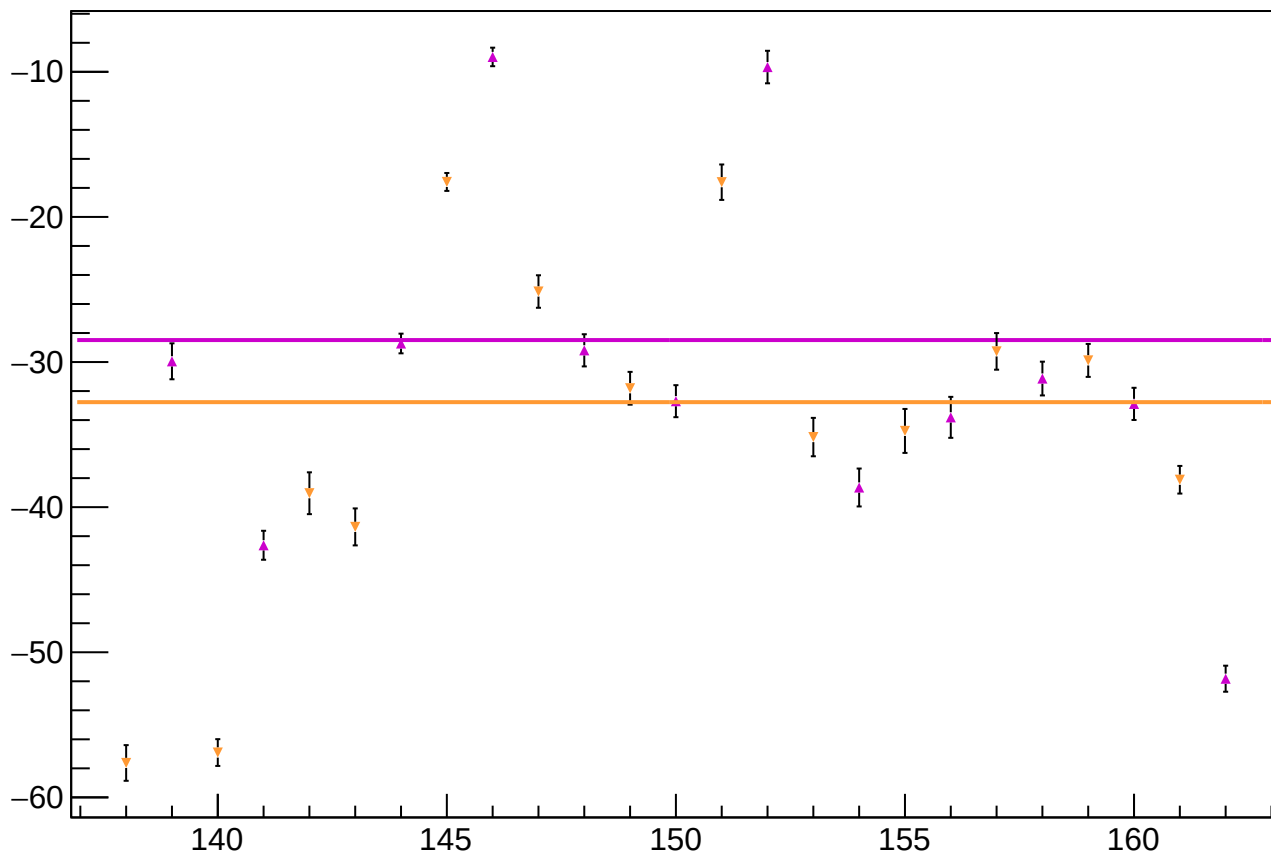
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1308.0/35$

In: 1.464 ± 0.024 $\chi^2/\text{NDF}: 1264.9/28$

Out: 1.362 ± 0.025 $\chi^2/\text{NDF}: 1752.1/31$

All: 1.414 ± 0.017 $\chi^2/\text{NDF}: 3025.7/60$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

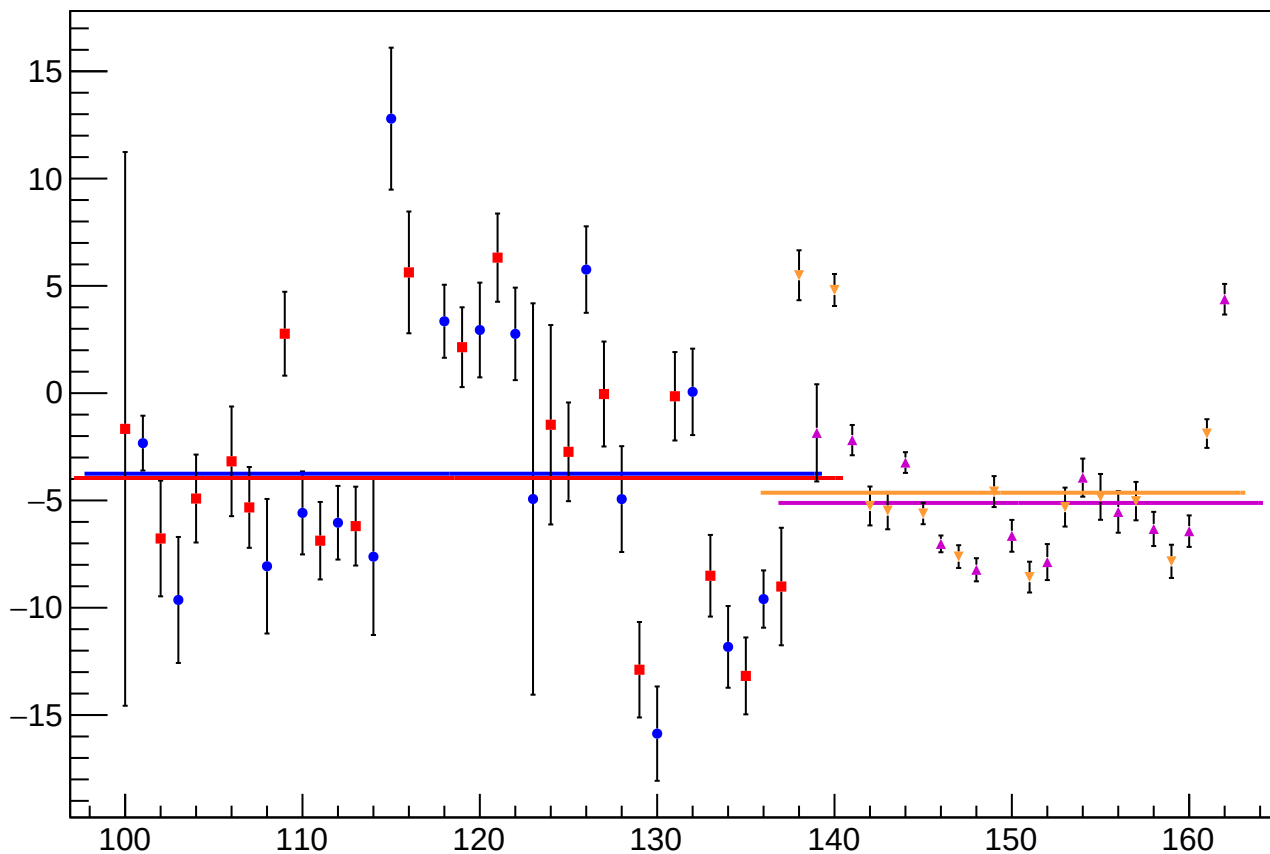


Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -32.764 $\pm$ 0.297 χ^2/NDF :2014.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -28.485 $\pm$ 0.282 χ^2/NDF :2204.0/11

Left: -30.511 $\pm$ 0.204 χ^2/NDF : 4328.0/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -28.485 $\pm$ 0.282 χ^2/NDF :2204.0/11
 Out: -32.764 $\pm$ 0.297 χ^2/NDF :2014.9/12

All: -30.511 $\pm$ 0.204 χ^2/NDF : 4328.0/24

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -4.641 ± 0.205 $\chi^2/\text{NDF}: 338.0/12$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

Left In: -5.116 ± 0.191 $\chi^2/\text{NDF}: 291.3/11$

Left: -4.895 ± 0.140 $\chi^2/\text{NDF}: 632.1/24$

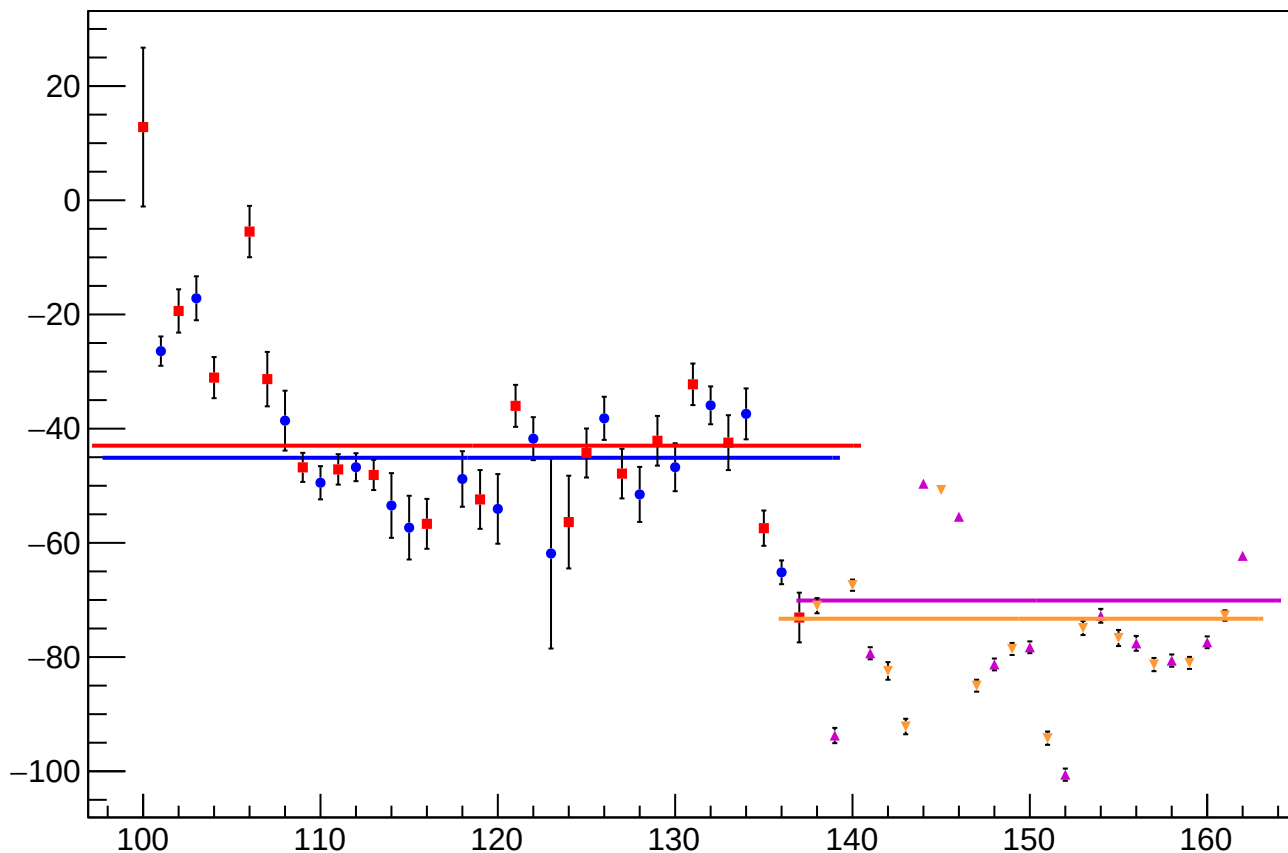
Right: -3.852 ± 0.354 $\chi^2/\text{NDF}: 288.7/35$

In: -4.940 ± 0.178 $\chi^2/\text{NDF}: 463.2/28$

Out: -4.544 ± 0.190 $\chi^2/\text{NDF}: 462.9/31$

All: -4.755 ± 0.130 $\chi^2/\text{NDF}: 928.3/60$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected

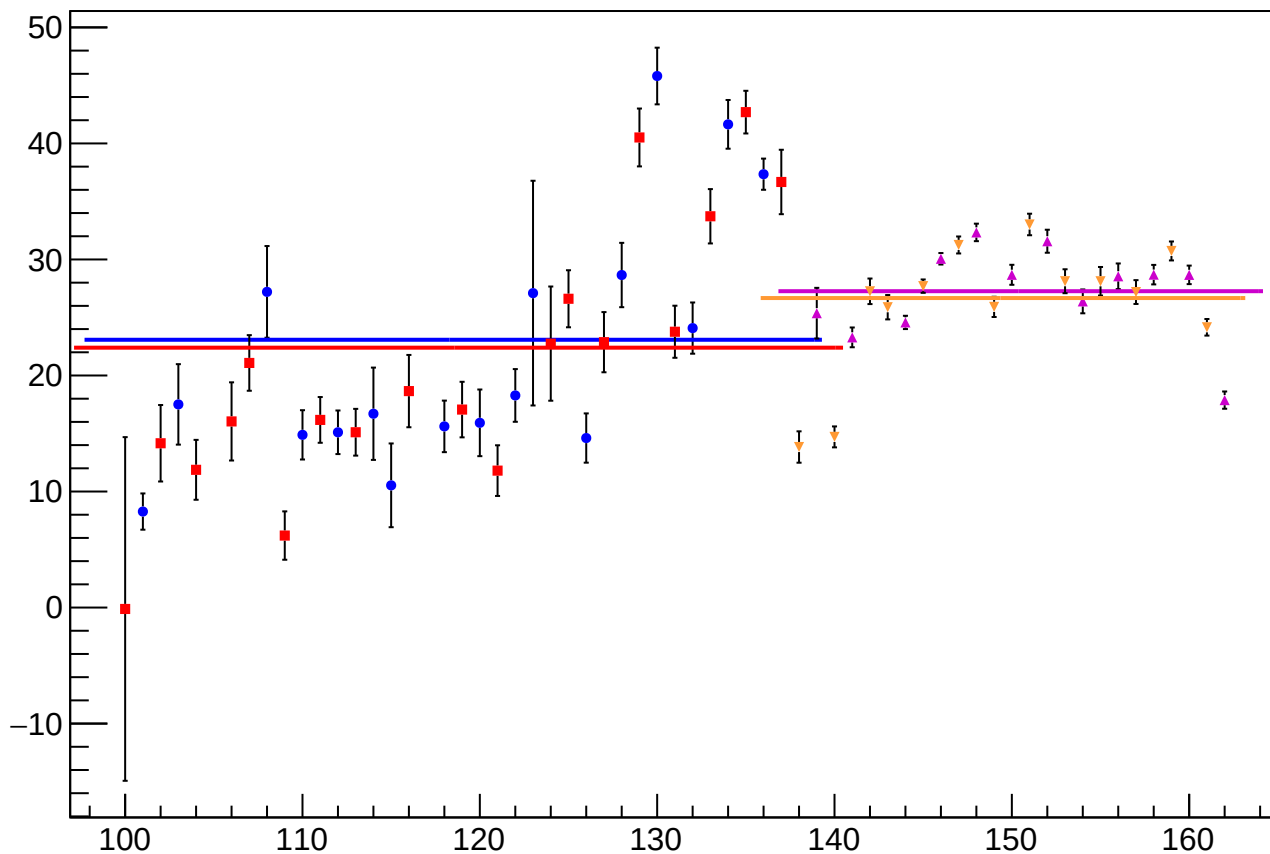


Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16
 Left Out: -73.287 ± 0.296 χ^2/NDF : 2029.4/12
 Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18
 Left In: -70.098 ± 0.276 χ^2/NDF : 3006.5/11

Left: -71.582 ± 0.202 χ^2/NDF : 5098.1/24
 Right: -44.036 ± 0.622 χ^2/NDF : 481.6/35
 In: -67.865 ± 0.263 χ^2/NDF : 3969.7/28
 Out: -70.197 ± 0.280 χ^2/NDF : 3349.9/31

All: -68.958 ± 0.192 χ^2/NDF : 7356.4/60

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079+/-0.556 χ^2/NDF : 461.1/16

Left Out: 26.674+/-0.243 χ^2/NDF : 397.2/12

Right Out: 22.397+/-0.572 χ^2/NDF : 370.3/18

Left In: 27.265+/-0.227 χ^2/NDF : 310.4/11

Left: 26.990+/-0.166 χ^2/NDF : 710.7/24

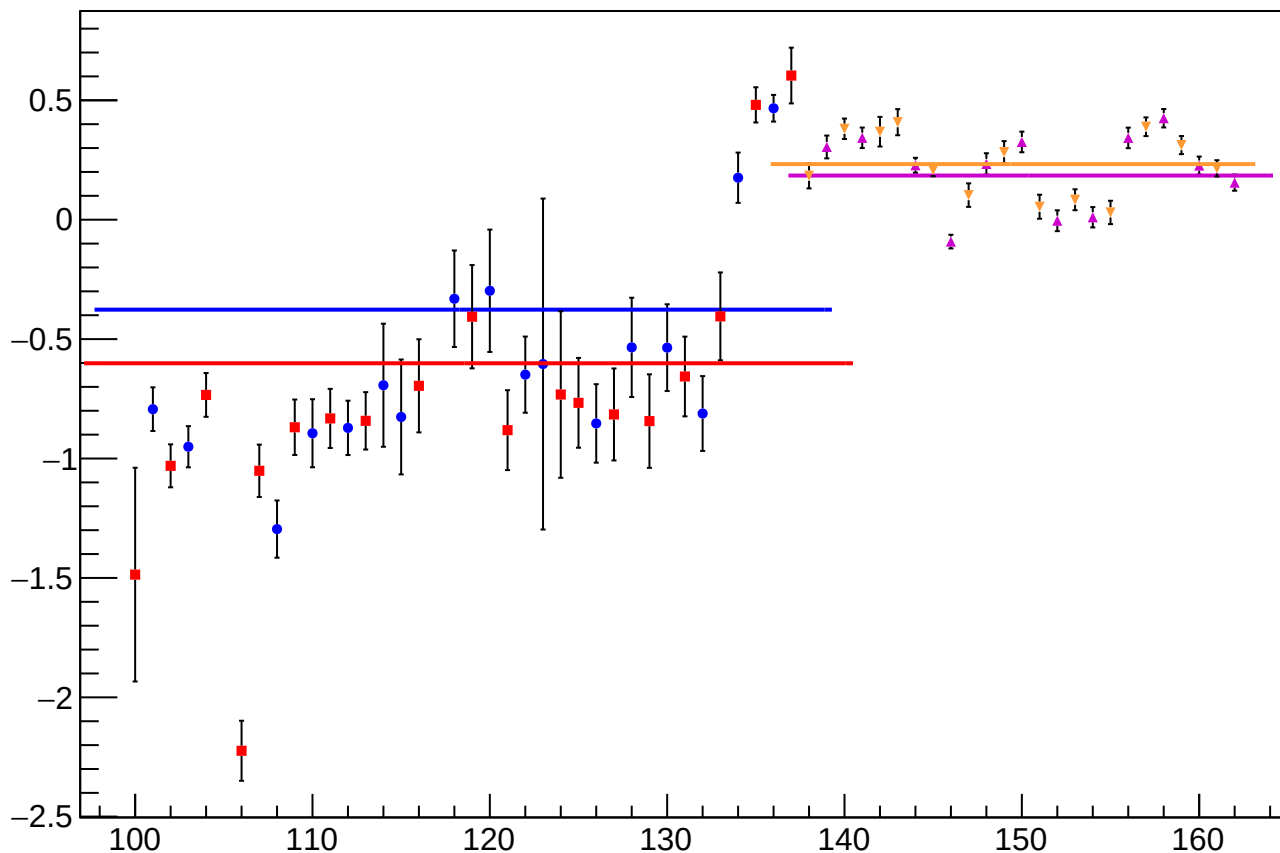
Right: 22.748+/-0.399 χ^2/NDF : 832.1/35

In: 26.666+/-0.210 χ^2/NDF : 820.2/28

Out: 26.019+/-0.224 χ^2/NDF : 814.7/31

All: 26.363+/-0.153 χ^2/NDF : 1639.3/60

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.233 ± 0.012 $\chi^2/\text{NDF}: 98.9/12$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

Left In: 0.185 ± 0.011 $\chi^2/\text{NDF}: 216.3/11$

Left: 0.208 ± 0.008 $\chi^2/\text{NDF}: 324.1/24$

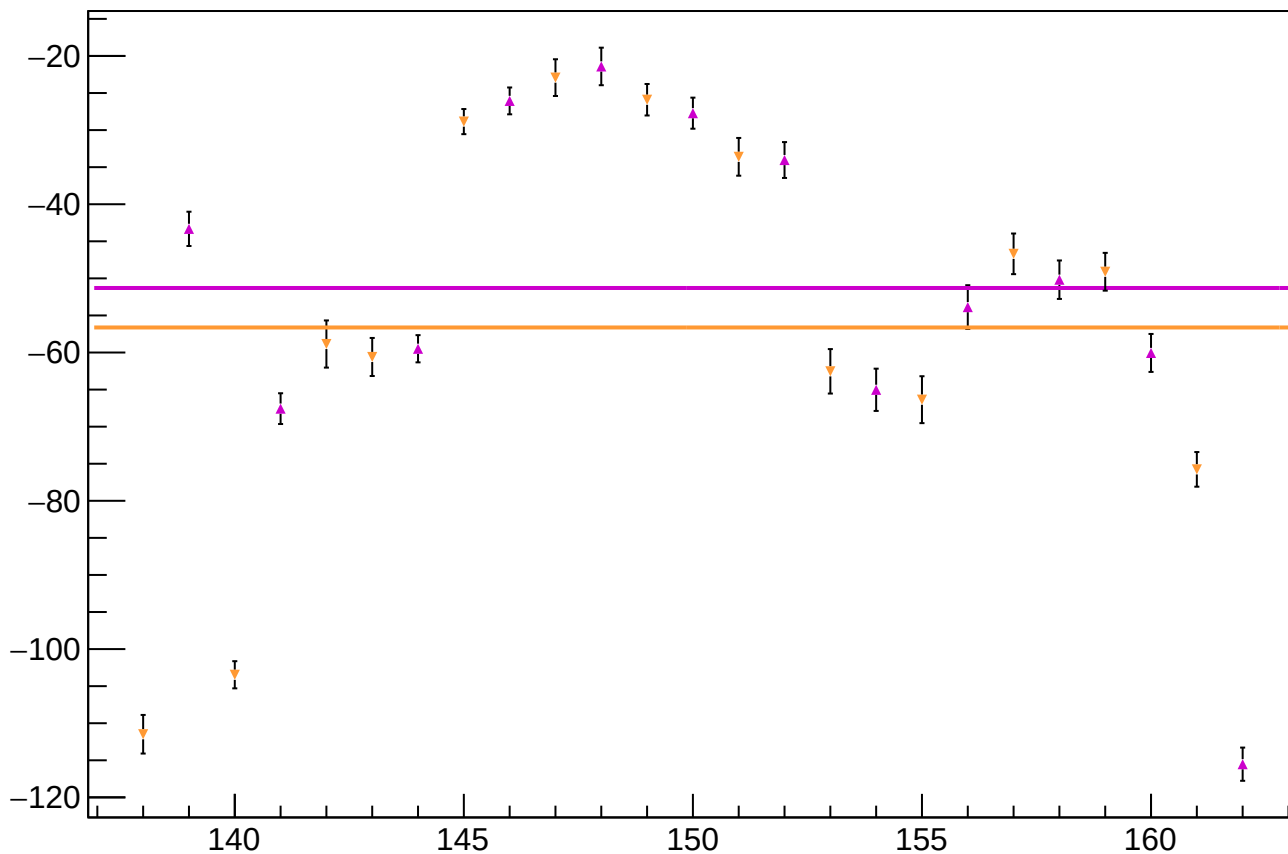
Right: -0.489 ± 0.021 $\chi^2/\text{NDF}: 1020.5/35$

In: 0.118 ± 0.010 $\chi^2/\text{NDF}: 960.4/28$

Out: 0.125 ± 0.011 $\chi^2/\text{NDF}: 1320.1/31$

All: 0.121 ± 0.008 $\chi^2/\text{NDF}: 2280.8/60$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



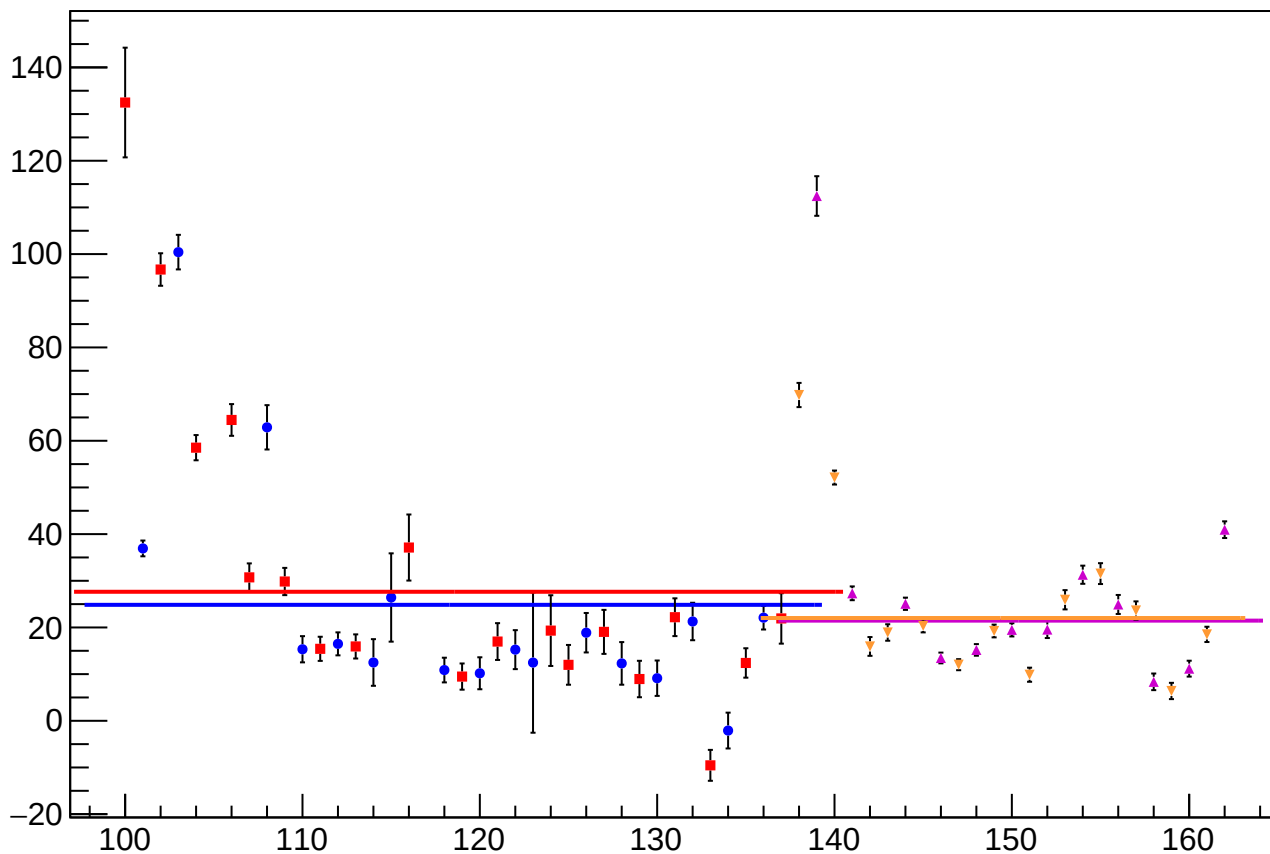
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -56.622 $\pm$ 0.665 χ^2/NDF :1946.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -51.296 $\pm$ 0.657 χ^2/NDF :1462.8/11

Left: -53.930 $\pm$ 0.467 χ^2/NDF : 3441.7/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -51.296 $\pm$ 0.657 χ^2/NDF :1462.8/11
 Out: -56.622 $\pm$ 0.665 χ^2/NDF :1946.4/12

All: -53.930 $\pm$ 0.467 χ^2/NDF : 3441.7/24

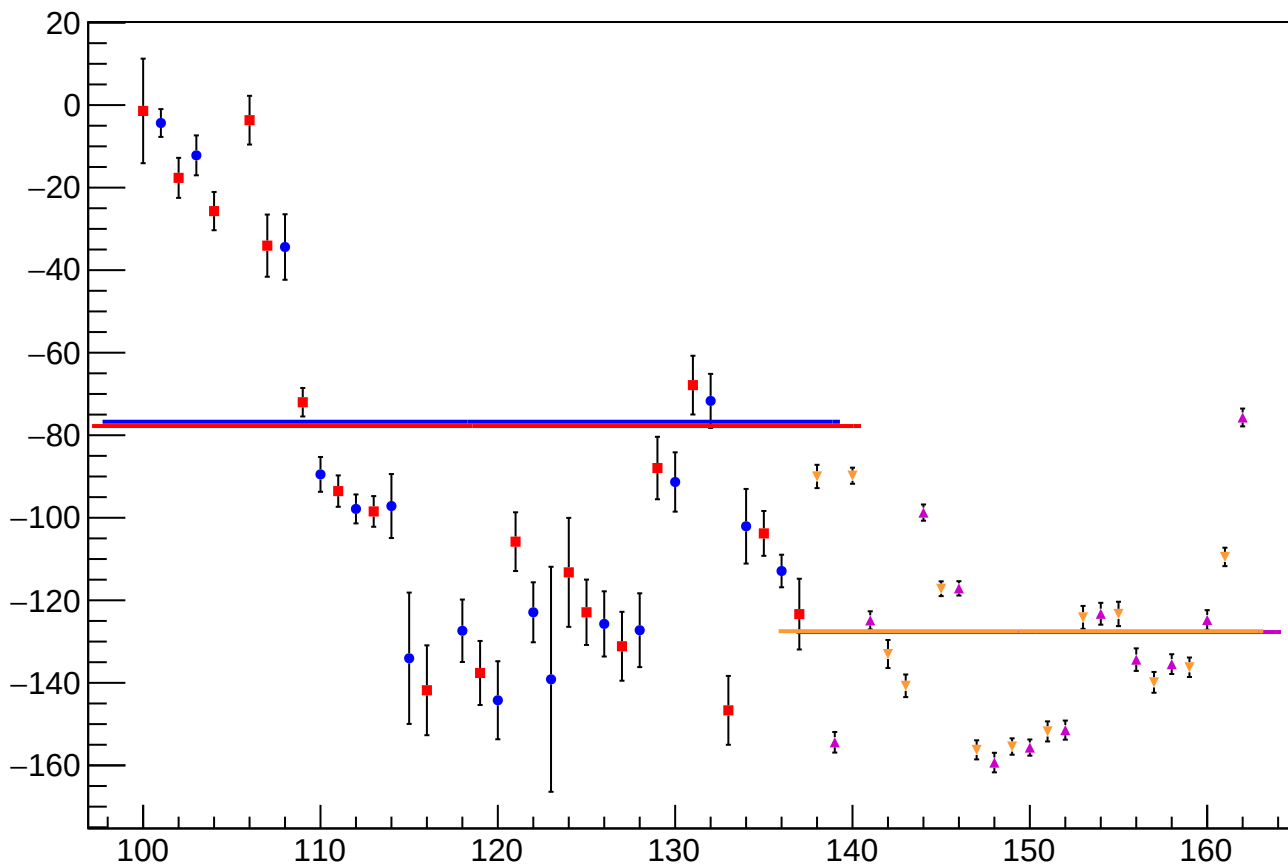
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 $\pm$ 0.801 χ^2/NDF : 690.8/16
 Left Out: 22.023 $\pm$ 0.458 χ^2/NDF :1003.7/12
 Right Out: 27.648 $\pm$ 0.810 χ^2/NDF : 1009.2/18
 Left In: 21.465 $\pm$ 0.458 χ^2/NDF :798.0/11

Left: 21.743 $\pm$ 0.324 χ^2/NDF : 1802.5/24
 Right: 26.231 $\pm$ 0.570 χ^2/NDF : 1706.0/35
 In: 22.298 $\pm$ 0.397 χ^2/NDF :1502.3/28
 Out: 23.386 $\pm$ 0.399 χ^2/NDF :2049.4/31
 All: 22.840 $\pm$ 0.282 χ^2/NDF : 3555.4/60

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -127.483 ± 0.658 $\chi^2/\text{NDF}: 1166.3/12$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

Left In: -127.688 ± 0.643 $\chi^2/\text{NDF}: 1458.9/11$

Left: -127.588 ± 0.460 $\chi^2/\text{NDF}: 2625.2/24$

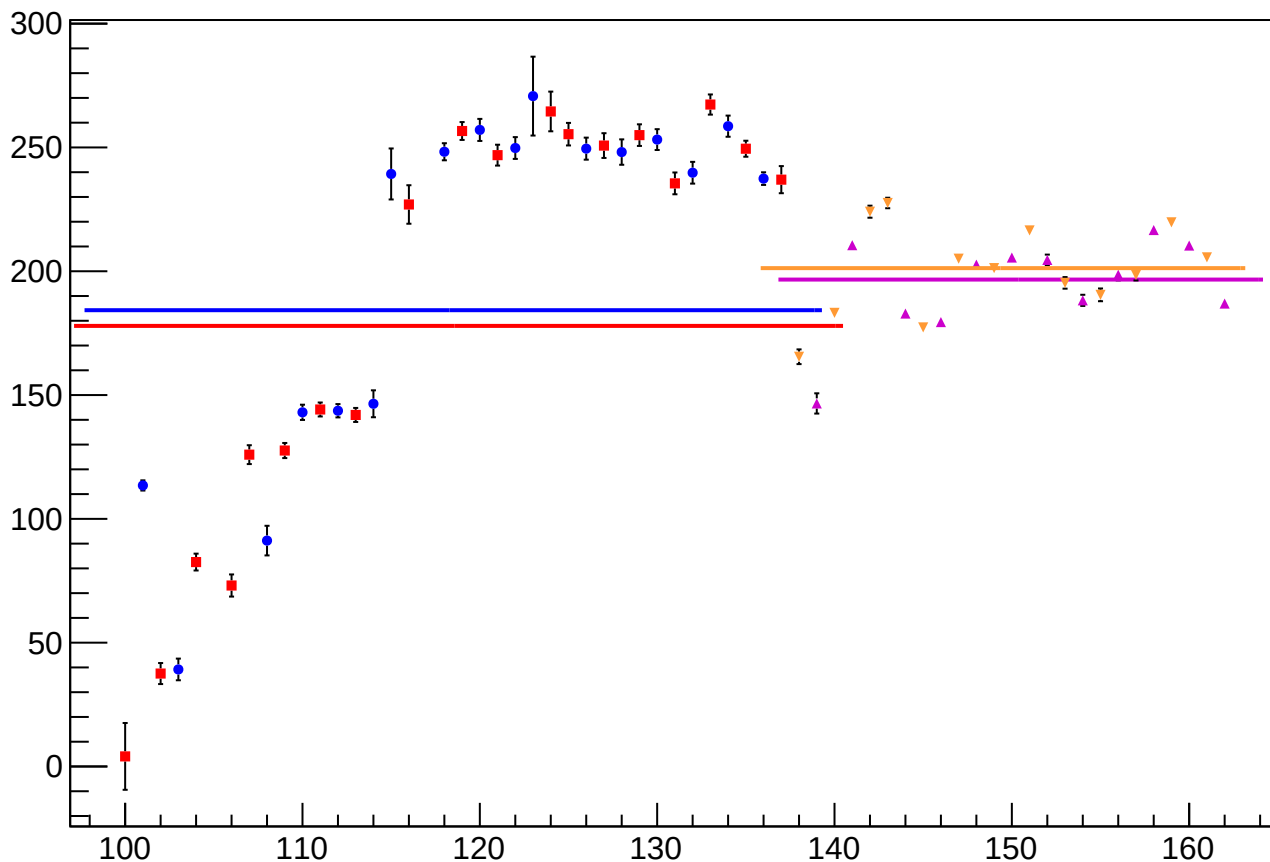
Right: -77.273 ± 0.977 $\chi^2/\text{NDF}: 1914.1/35$

In: -118.947 ± 0.585 $\chi^2/\text{NDF}: 3579.7/28$

Out: -117.965 ± 0.592 $\chi^2/\text{NDF}: 3130.6/31$

All: -118.462 ± 0.416 $\chi^2/\text{NDF}: 6711.7/60$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 201.259 $\pm$ 0.545 χ^2 /NDF:908.8/12

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

Left In: 196.640 $\pm$ 0.538 χ^2 /NDF:698.2/11

Left: 198.922 $\pm$ 0.383 χ^2 /NDF: 1643.4/24

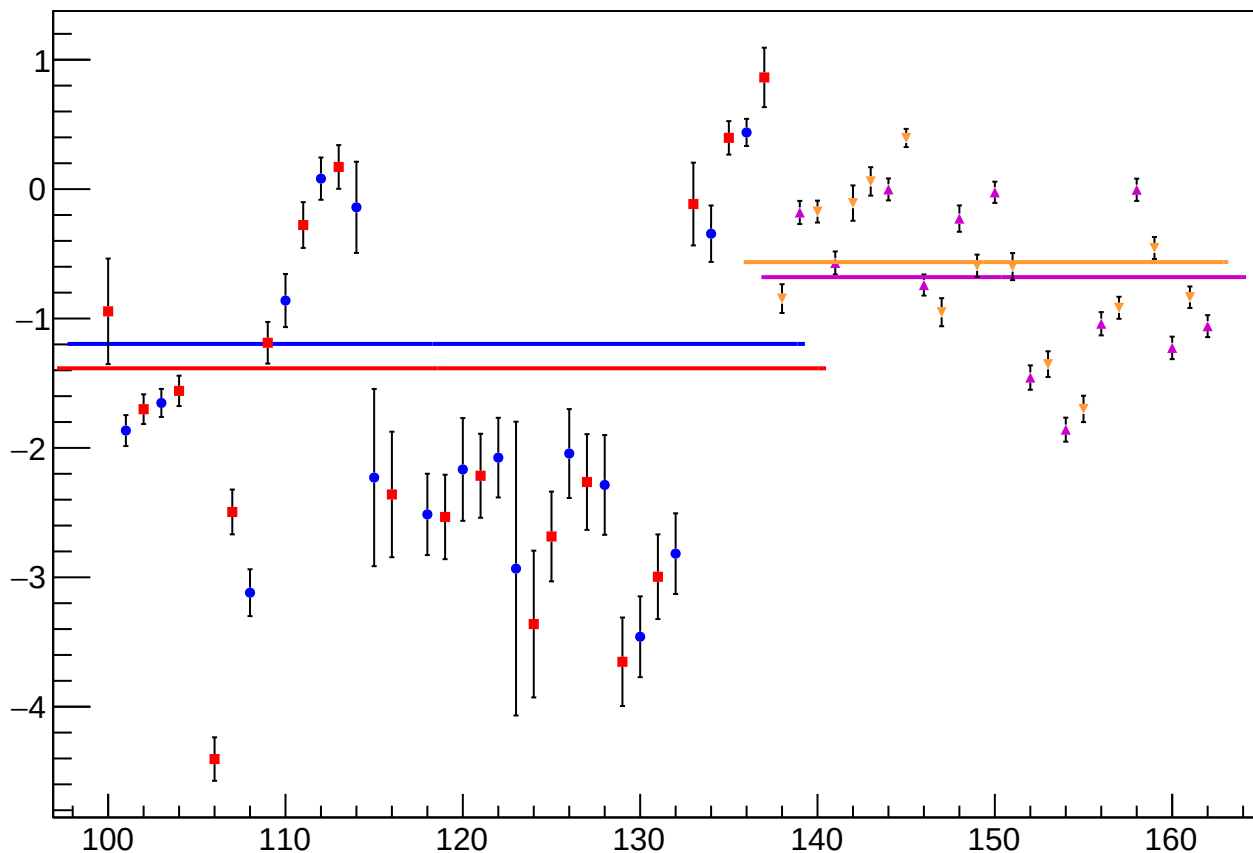
Right: 181.136 $\pm$ 0.650 χ^2 /NDF: 11755.7/35

In: 193.452 $\pm$ 0.464 χ^2 /NDF:6235.2/28

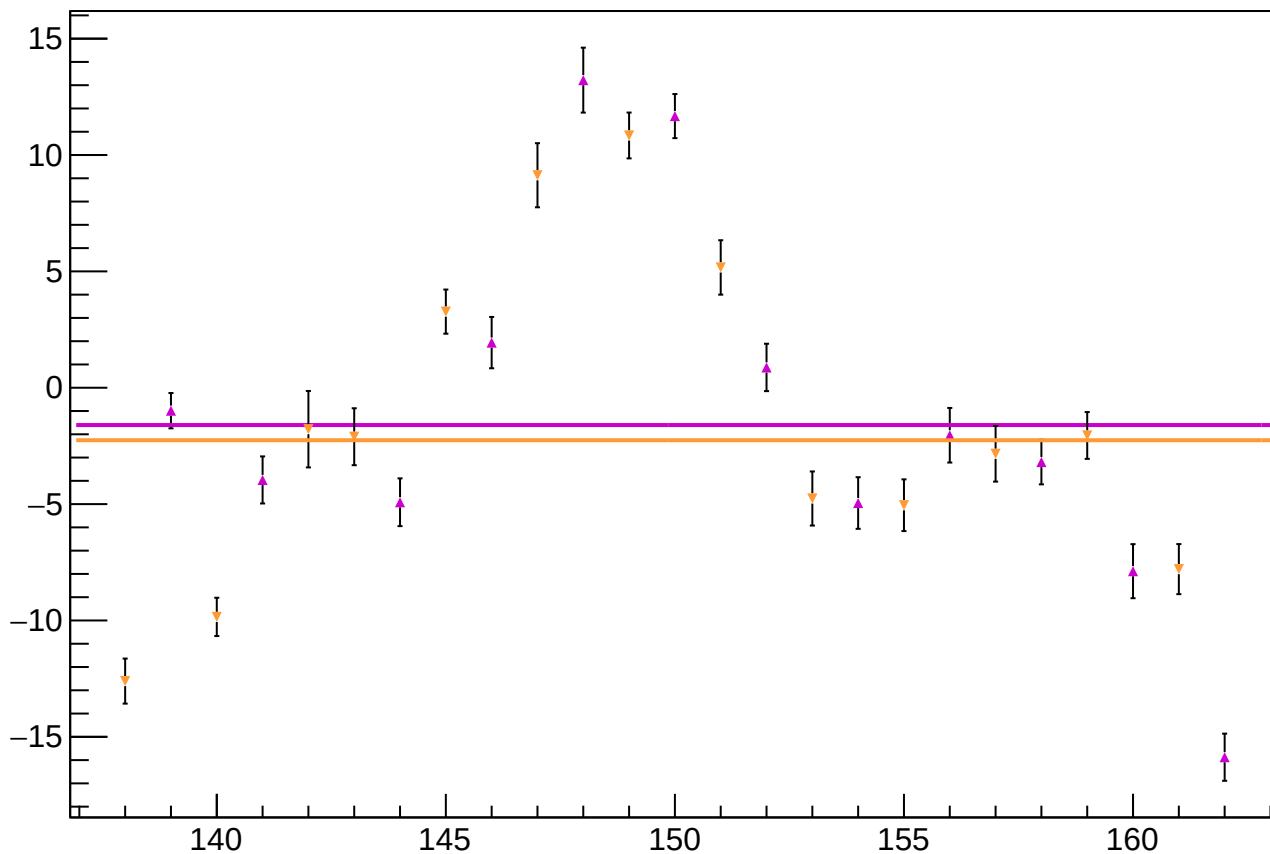
Out: 195.239 $\pm$ 0.469 χ^2 /NDF:7712.8/31

All: 194.335 $\pm$ 0.330 χ^2 /NDF: 13955.3/60

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



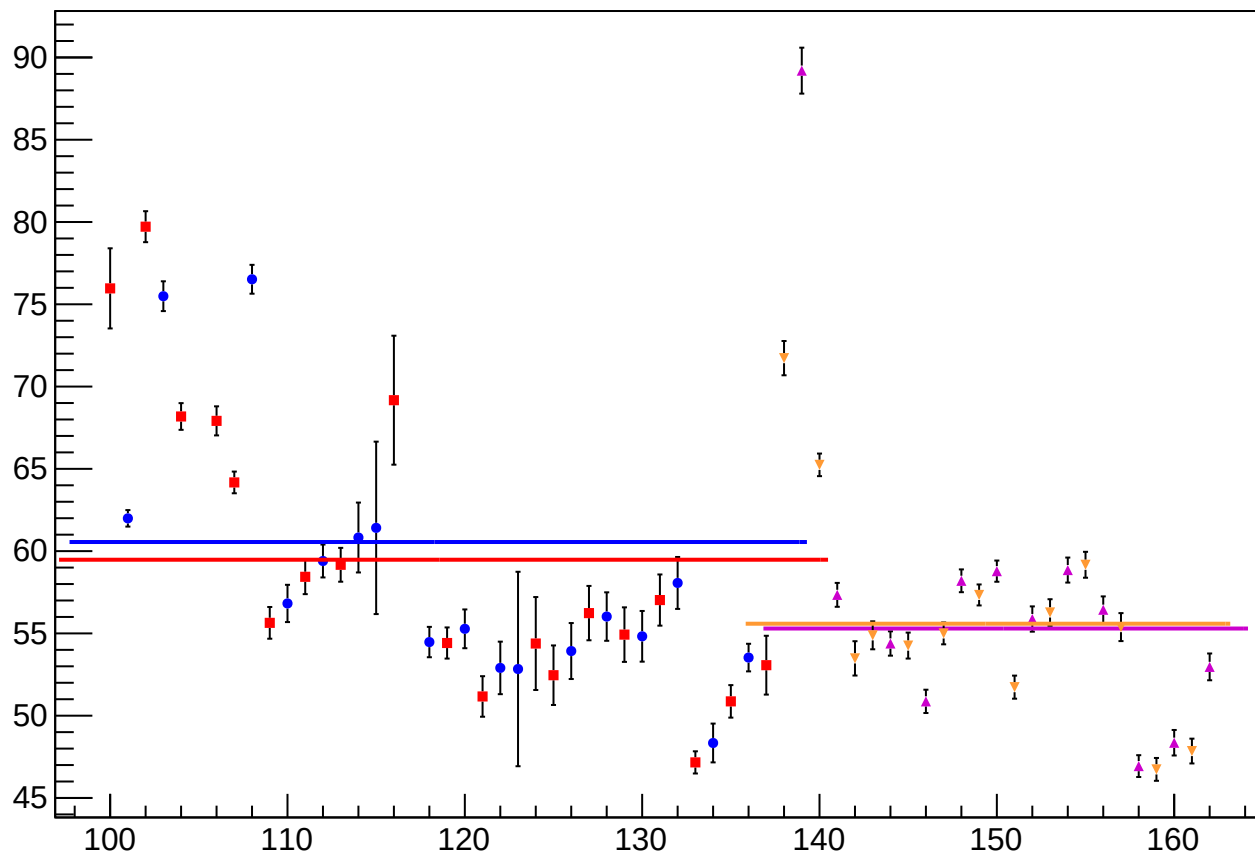
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.255+/-0.300 χ^2/NDF : 557.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.603+/-0.296 χ^2/NDF : 581.8/11

Left: -1.924+/-0.211 χ^2/NDF : 1141.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.603+/-0.296 χ^2/NDF : 581.8/11
 Out: -2.255+/-0.300 χ^2/NDF : 557.0/12
 All: -1.924+/-0.211 χ^2/NDF : 1141.2/24

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 55.589 $\pm$ 0.213 χ^2 /NDF: 773.9/12

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

Left In: 55.296 $\pm$ 0.218 χ^2 /NDF: 956.8/11

Left: 55.446 $\pm$ 0.152 χ^2 /NDF: 1731.7/24

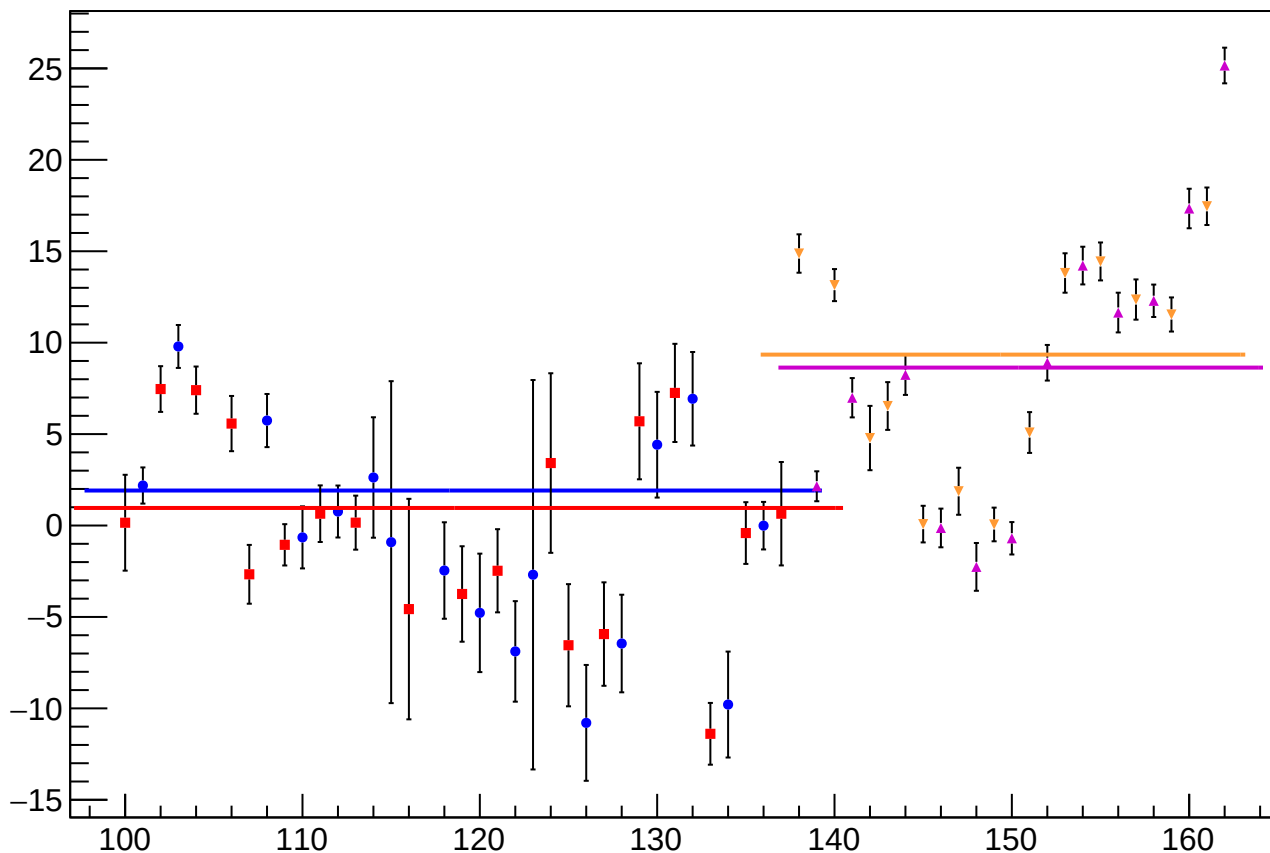
Right: 59.987 $\pm$ 0.180 χ^2 /NDF: 2256.7/35

In: 57.446 $\pm$ 0.167 χ^2 /NDF: 2126.4/28

Out: 57.238 $\pm$ 0.161 χ^2 /NDF: 2232.6/31

All: 57.338 $\pm$ 0.116 χ^2 /NDF: 4359.8/60

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 $\chi^2/\text{NDF}: 121.6/16$

Left Out: 9.347 ± 0.296 $\chi^2/\text{NDF}: 410.6/12$

Right Out: 0.960 ± 0.424 $\chi^2/\text{NDF}: 149.5/18$

Left In: 8.637 ± 0.289 $\chi^2/\text{NDF}: 720.2/11$

Left: 8.984 ± 0.207 $\chi^2/\text{NDF}: 1133.7/24$

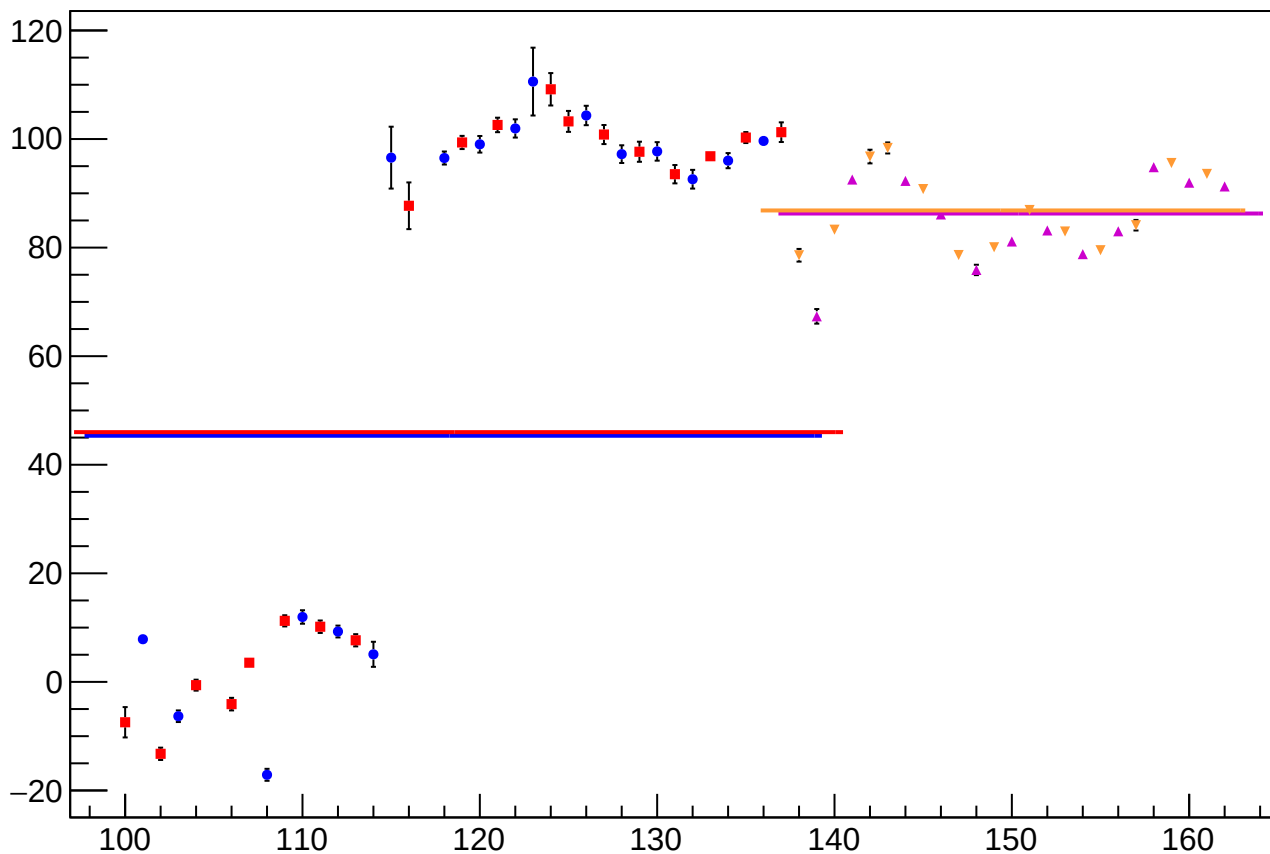
Right: 1.401 ± 0.311 $\chi^2/\text{NDF}: 273.4/35$

In: 6.719 ± 0.244 $\chi^2/\text{NDF}: 996.0/28$

Out: 6.602 ± 0.243 $\chi^2/\text{NDF}: 823.0/31$

All: 6.660 ± 0.172 $\chi^2/\text{NDF}: 1819.0/60$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 86.843 $\pm$ 0.249 χ^2 /NDF: 743.5/12

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

Left In: 86.280 $\pm$ 0.250 χ^2 /NDF: 790.2/11

Left: 86.563 $\pm$ 0.177 χ^2 /NDF: 1536.3/24

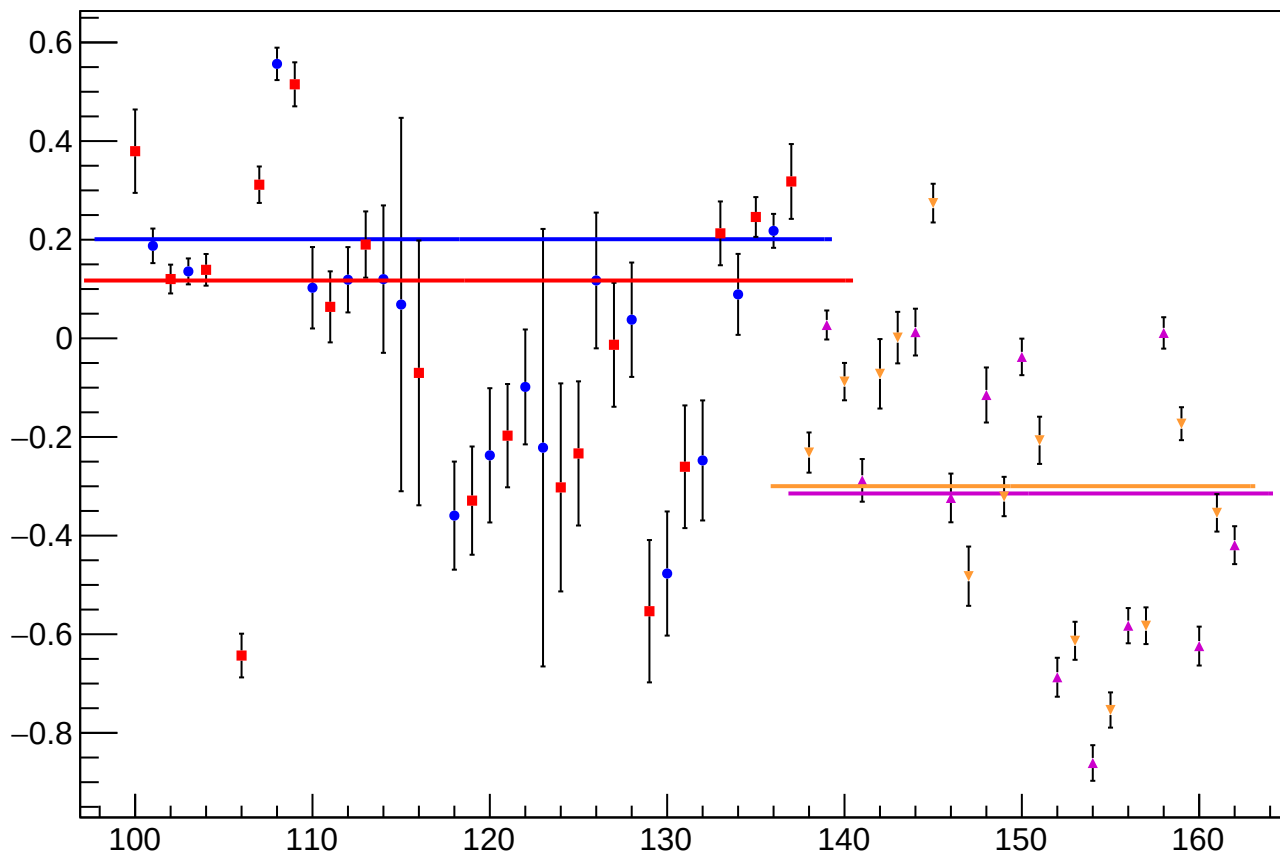
Right: 45.691 $\pm$ 0.209 χ^2 /NDF: 53293.4/35

In: 69.688 $\pm$ 0.193 χ^2 /NDF: 36698.8/28

Out: 69.467 $\pm$ 0.189 χ^2 /NDF: 40397.1/31

All: 69.575 $\pm$ 0.135 χ^2 /NDF: 77096.6/60

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.8/16$

Left Out: -0.300 ± 0.011 $\chi^2/\text{NDF}: 606.7/12$

Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 500.1/18$

Left In: -0.315 ± 0.011 $\chi^2/\text{NDF}: 799.4/11$

Left: -0.307 ± 0.008 $\chi^2/\text{NDF}: 1407.0/24$

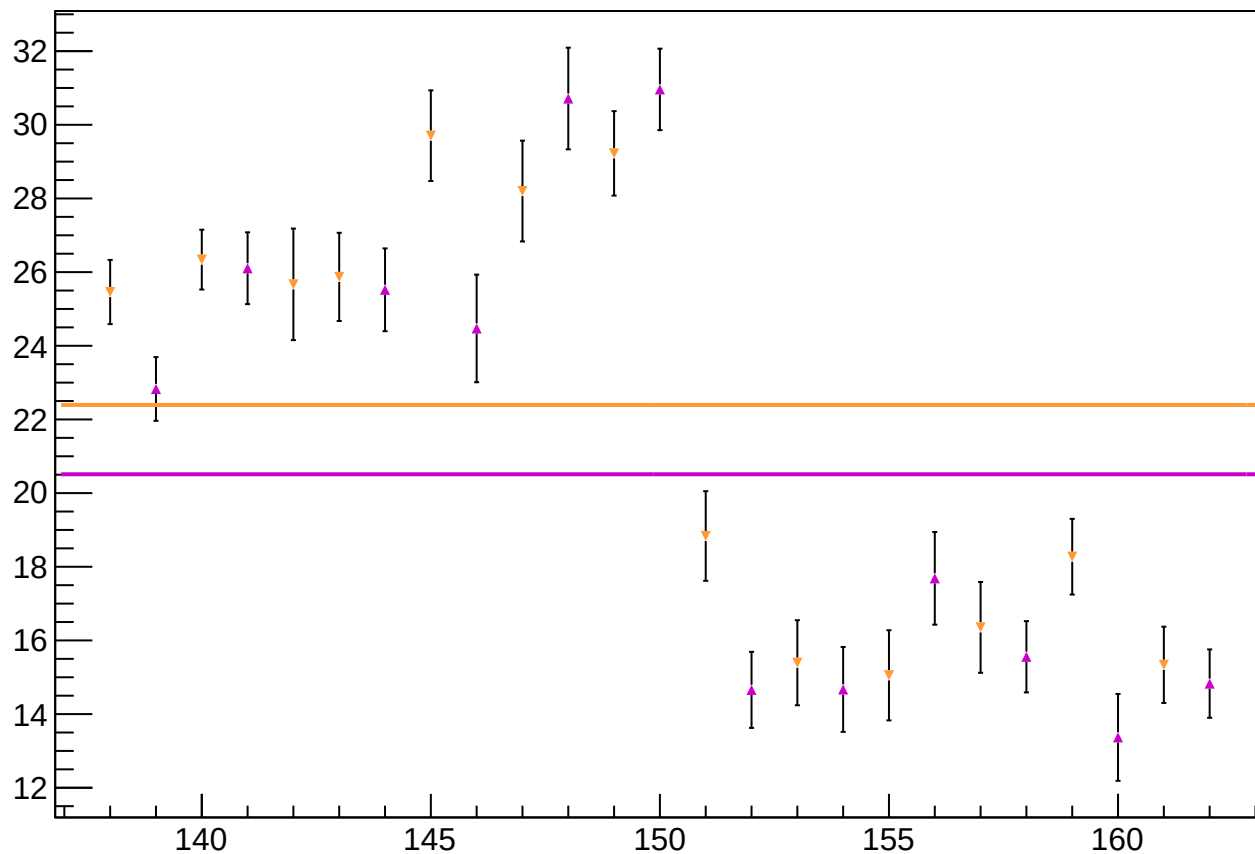
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 737.1/35$

In: -0.116 ± 0.009 $\chi^2/\text{NDF}: 1846.6/28$

Out: -0.118 ± 0.009 $\chi^2/\text{NDF}: 1685.3/31$

All: -0.117 ± 0.006 $\chi^2/\text{NDF}: 3531.9/60$

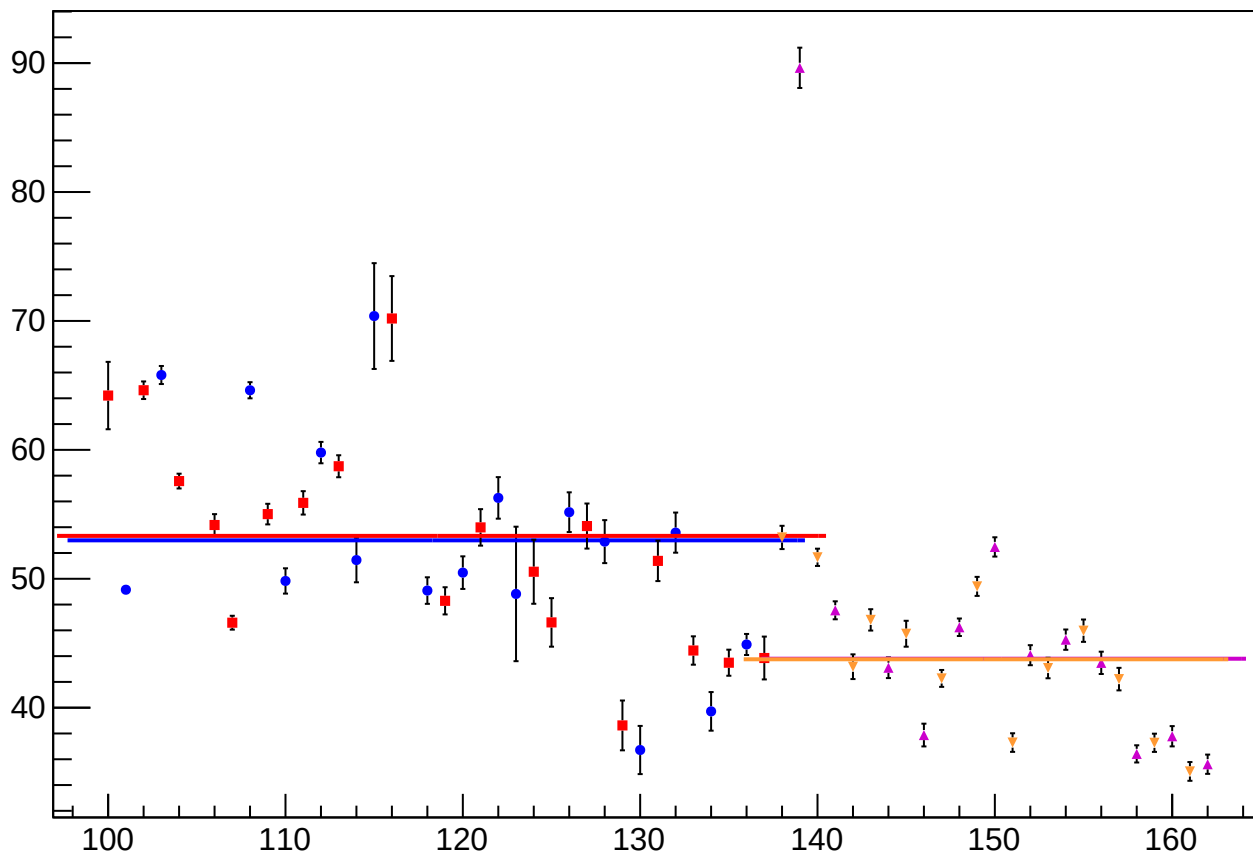
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.393+/-0.308 χ^2/NDF :305.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.511+/-0.312 χ^2/NDF :374.5/11

Left: 21.465+/-0.219 χ^2/NDF : 698.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.511+/-0.312 χ^2/NDF :374.5/11
 Out: 22.393+/-0.308 χ^2/NDF :305.7/12
 All: 21.465+/-0.219 χ^2/NDF : 698.6/24

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 43.755 $\pm$ 0.217 χ^2 /NDF: 647.9/12

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

Left In: 43.799 $\pm$ 0.226 χ^2 /NDF: 1386.4/11

Left: 43.776 $\pm$ 0.157 χ^2 /NDF: 2034.3/24

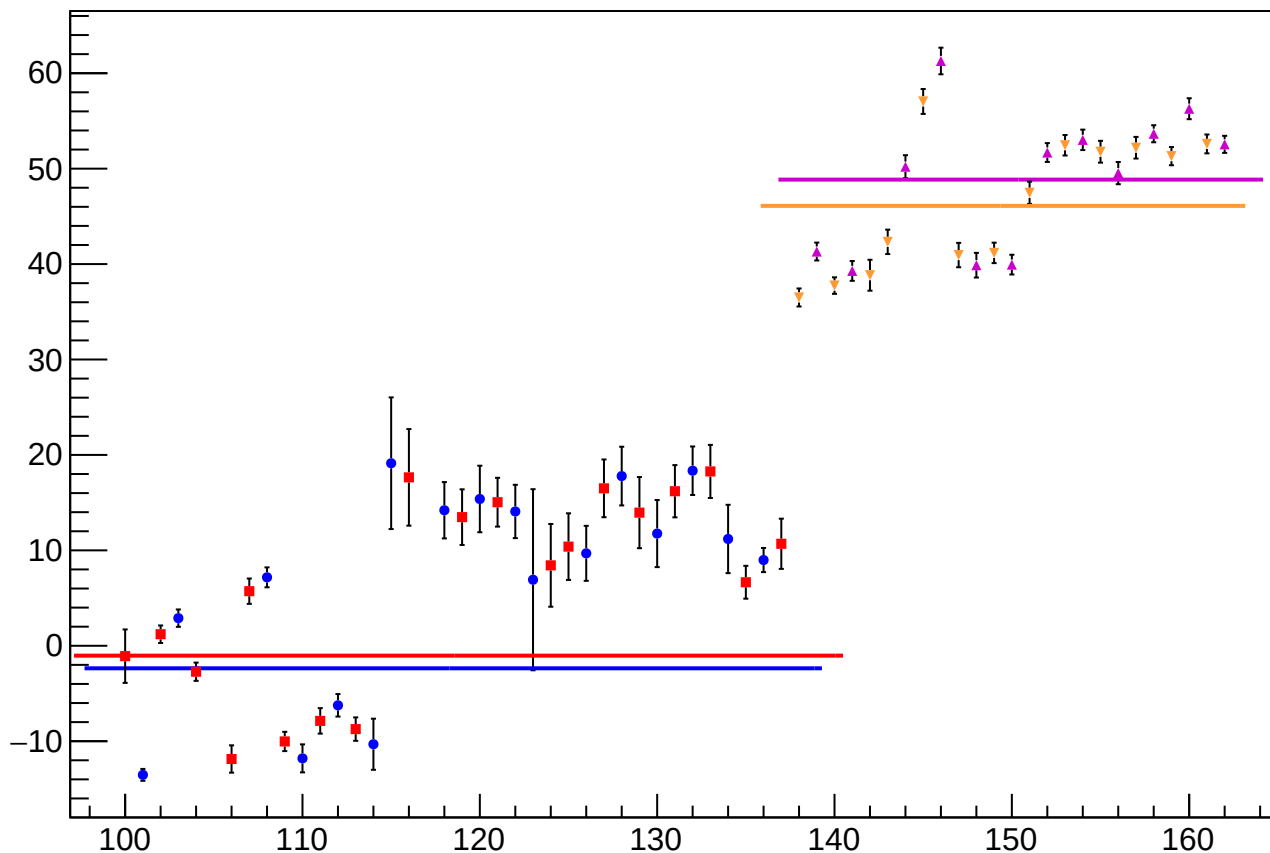
Right: 53.141 $\pm$ 0.154 χ^2 /NDF: 2071.7/35

In: 48.730 $\pm$ 0.154 χ^2 /NDF: 3468.0/28

Out: 48.338 $\pm$ 0.157 χ^2 /NDF: 2450.0/31

All: 48.538 $\pm$ 0.110 χ^2 /NDF: 5921.1/60

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 46.099 ± 0.304 χ^2/NDF : 496.0/12

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

Left In: 48.851 ± 0.305 χ^2/NDF : 468.4/11

Left: 47.474 ± 0.215 χ^2/NDF : 1005.3/24

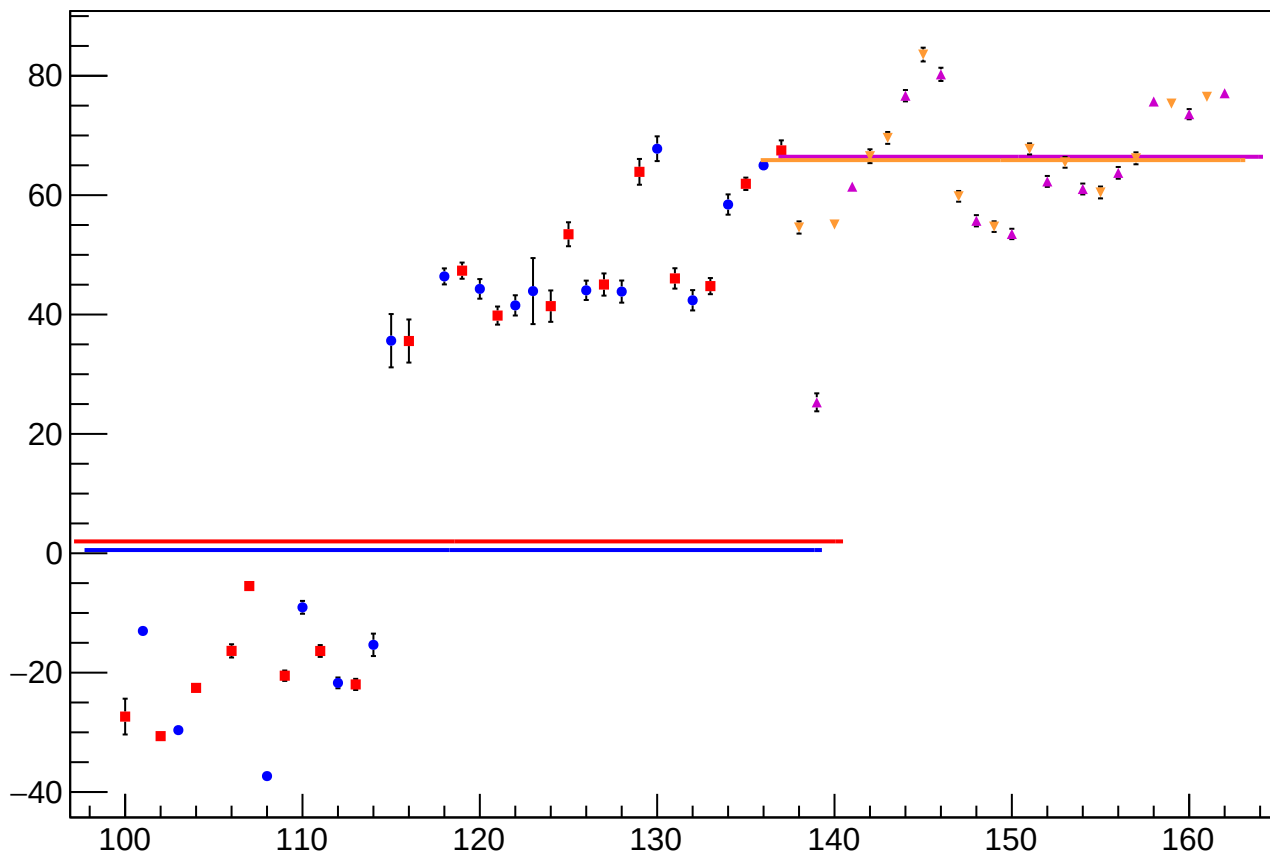
Right: -1.721 ± 0.262 χ^2/NDF : 1355.0/35

In: 27.746 ± 0.234 χ^2/NDF : 12957.8/28

Out: 27.496 ± 0.237 χ^2/NDF : 10470.0/31

All: 27.623 ± 0.166 χ^2/NDF : 23428.3/60

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 65.870+/-0.255 χ^2/NDF :1133.9/12

Right Out: 1.990+/-0.267 χ^2/NDF : 15476.7/18

Left In: 66.433+/-0.261 χ^2/NDF :1899.7/11

Left: 66.146+/-0.182 χ^2/NDF : 3036.0/24

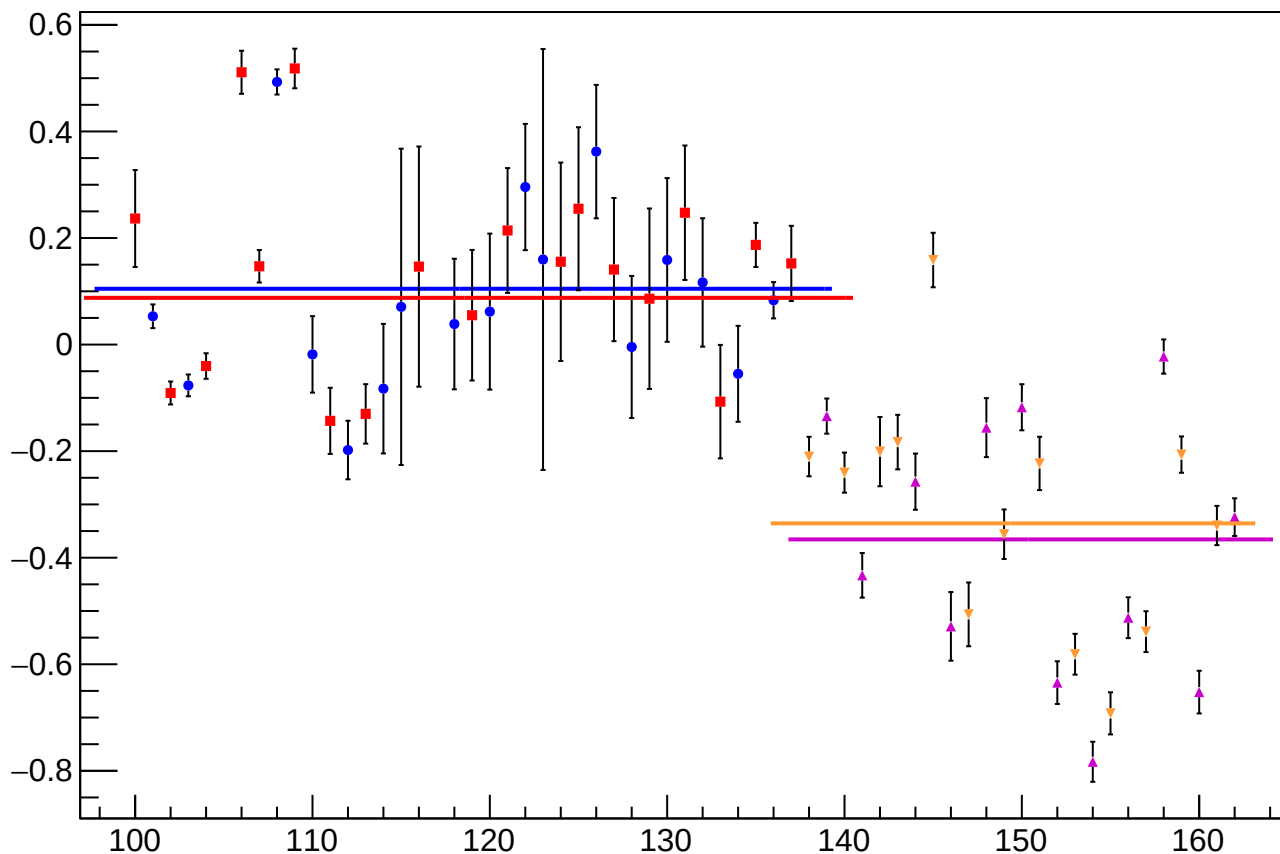
Right: 1.210+/-0.181 χ^2/NDF : 33916.4/35

In: 31.686+/-0.179 χ^2/NDF :54041.4/28

Out: 35.324+/-0.184 χ^2/NDF :46589.1/31

All: 33.454+/-0.128 χ^2/NDF : 100830.9/60

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.336 ± 0.012 $\chi^2/\text{NDF}: 302.9/12$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.366 ± 0.012 $\chi^2/\text{NDF}: 459.5/11$

Left: -0.351 ± 0.008 $\chi^2/\text{NDF}: 765.7/24$

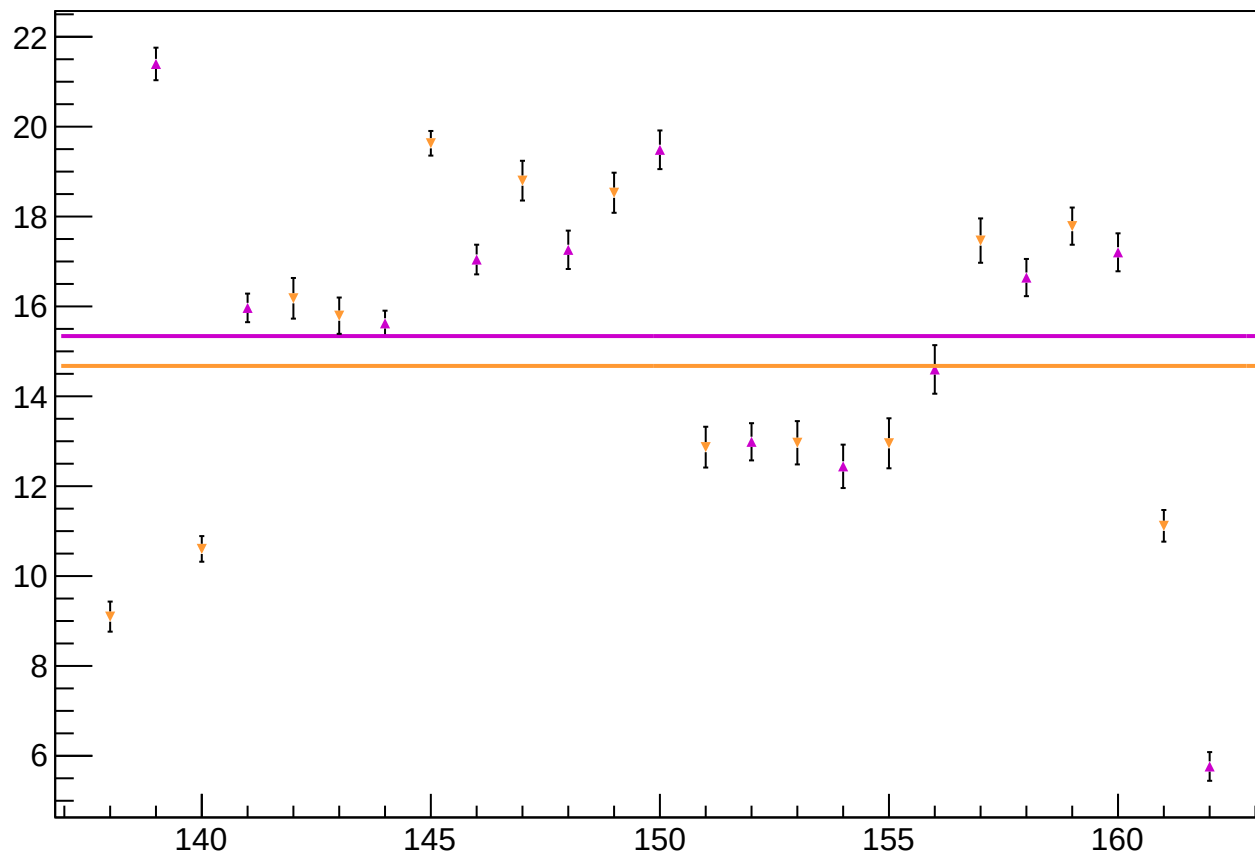
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 792.9/35$

In: -0.117 ± 0.008 $\chi^2/\text{NDF}: 1719.1/28$

Out: -0.109 ± 0.008 $\chi^2/\text{NDF}: 1382.2/31$

All: -0.113 ± 0.006 $\chi^2/\text{NDF}: 3101.8/60$

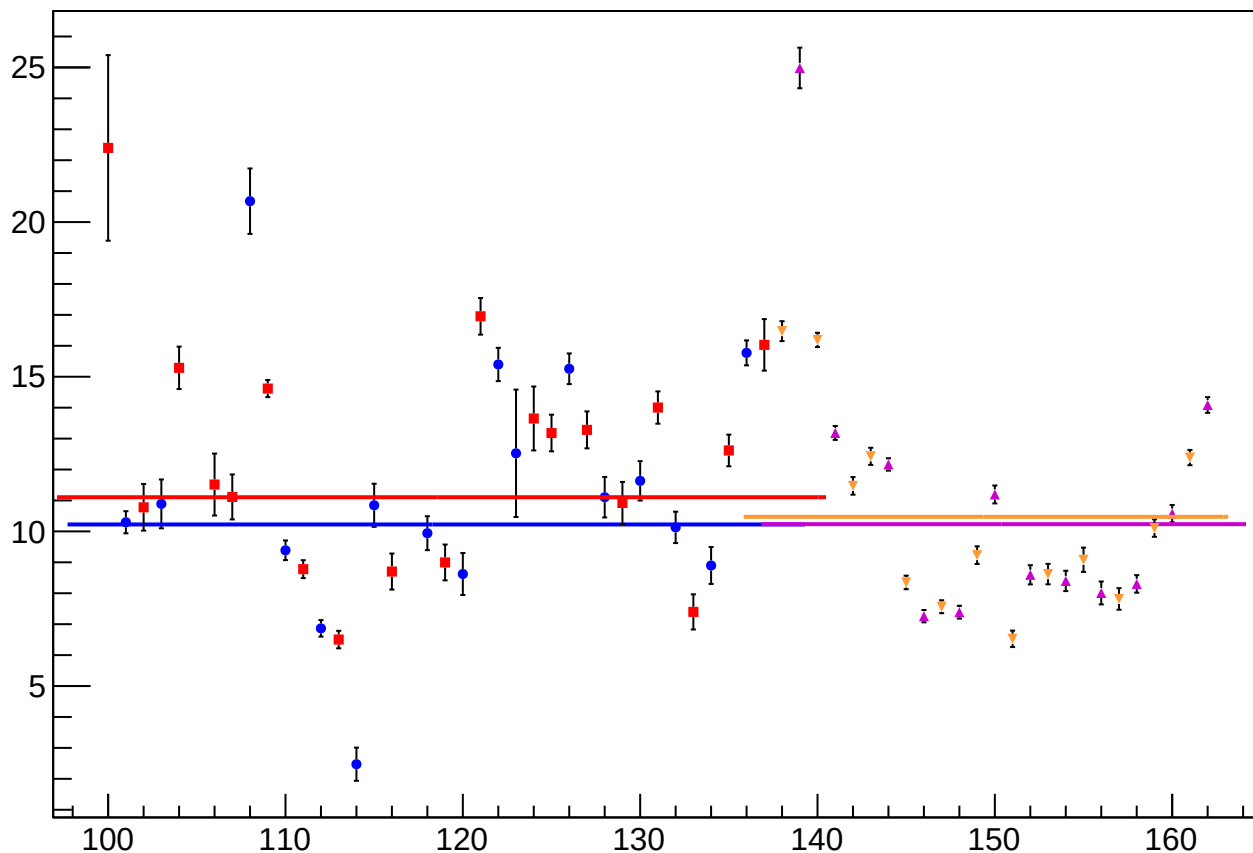
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.676 $\pm$ 0.108 χ^2 /NDF:1216.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11

Left: 15.006 $\pm$ 0.076 χ^2 /NDF: 2658.8/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11
 Out: 14.676 $\pm$ 0.108 χ^2 /NDF:1216.9/12
 All: 15.006 $\pm$ 0.076 χ^2 /NDF: 2658.8/24

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 $\pm$ 0.119 χ^2 /NDF: 877.6/16

Left Out: 10.472 $\pm$ 0.075 χ^2 /NDF:1709.9/12

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 817.2/18

Left In: 10.233 $\pm$ 0.076 χ^2 /NDF:1563.3/11

Left: 10.353 $\pm$ 0.053 χ^2 /NDF: 3278.1/24

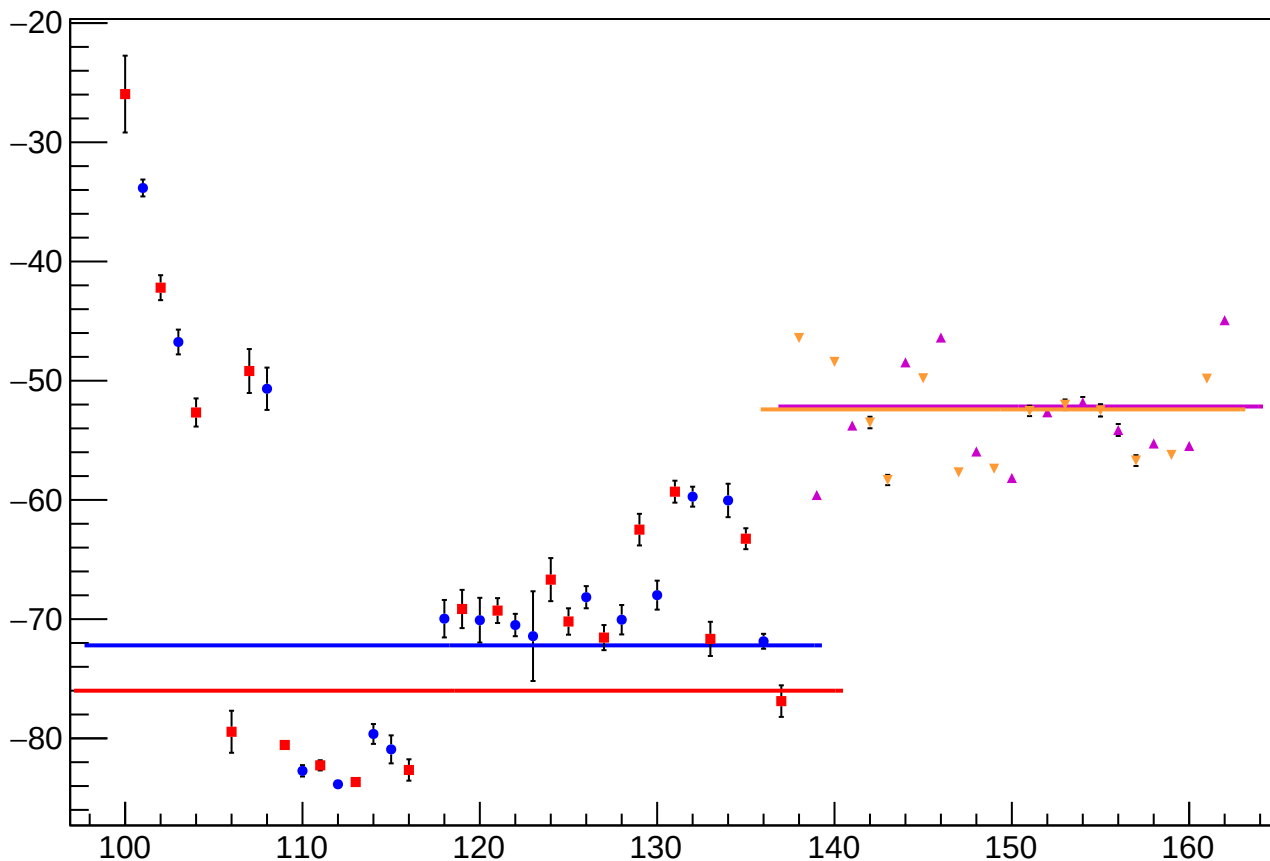
Right: 10.673 $\pm$ 0.083 χ^2 /NDF: 1722.7/35

In: 10.231 $\pm$ 0.064 χ^2 /NDF:2440.8/28

Out: 10.658 $\pm$ 0.063 χ^2 /NDF:2547.9/31

All: 10.447 $\pm$ 0.045 χ^2 /NDF: 5011.4/60

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.407 ± 0.108 χ^2/NDF : 1271.8/12

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

Left In: -52.163 ± 0.107 χ^2/NDF : 1885.3/11

Left: -52.283 ± 0.076 χ^2/NDF : 3159.7/24

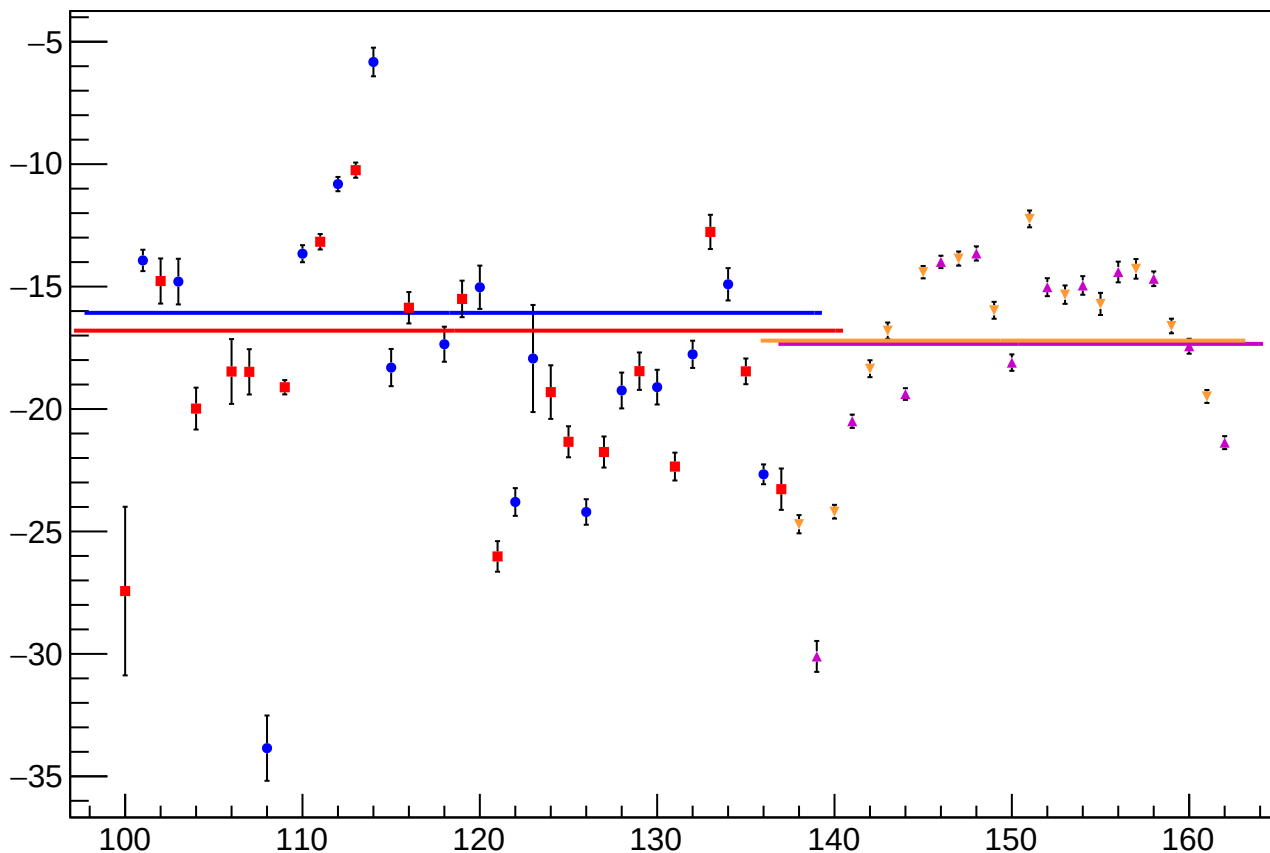
Right: -74.270 ± 0.133 χ^2/NDF : 9233.6/35

In: -56.682 ± 0.094 χ^2/NDF : 15408.9/28

Out: -58.602 ± 0.093 χ^2/NDF : 17279.5/31

All: -57.654 ± 0.066 χ^2/NDF : 32900.0/60

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

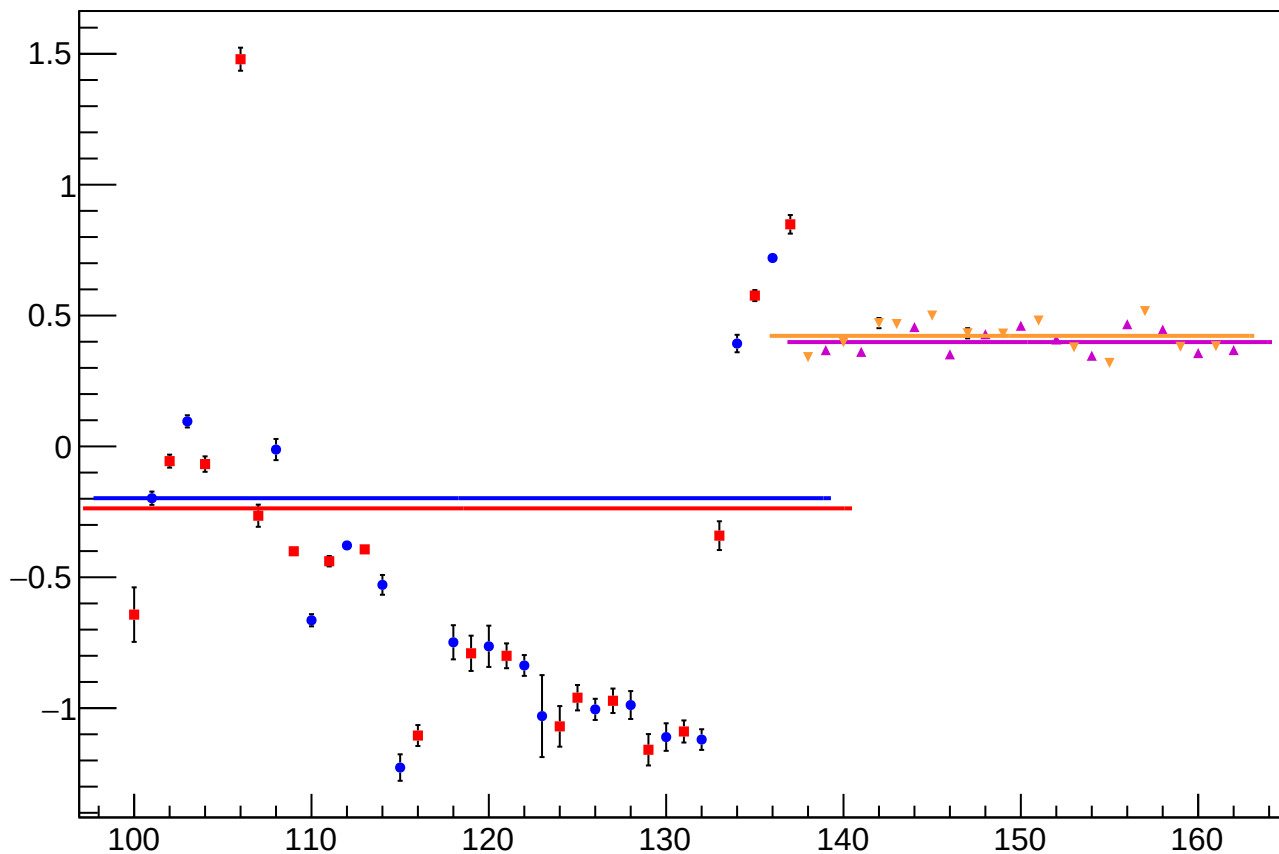


Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$
 Left Out: -17.206 ± 0.089 $\chi^2/\text{NDF}: 1686.1/12$
 Right Out: -16.799 ± 0.128 $\chi^2/\text{NDF}: 1215.8/18$
 Left In: -17.339 ± 0.089 $\chi^2/\text{NDF}: 1396.3/11$

Left: -17.273 ± 0.063 $\chi^2/\text{NDF}: 3083.4/24$
 Right: -16.447 ± 0.092 $\chi^2/\text{NDF}: 2872.2/35$
 In: -16.943 ± 0.074 $\chi^2/\text{NDF}: 3100.4/28$
 Out: -17.073 ± 0.073 $\chi^2/\text{NDF}: 2908.6/31$

All: -17.009 ± 0.052 $\chi^2/\text{NDF}: 6010.6/60$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.422 ± 0.004 χ^2/NDF : 201.8/12

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

Left In: 0.399 ± 0.004 χ^2/NDF : 114.1/11

Left: 0.410 ± 0.003 χ^2/NDF : 331.7/24

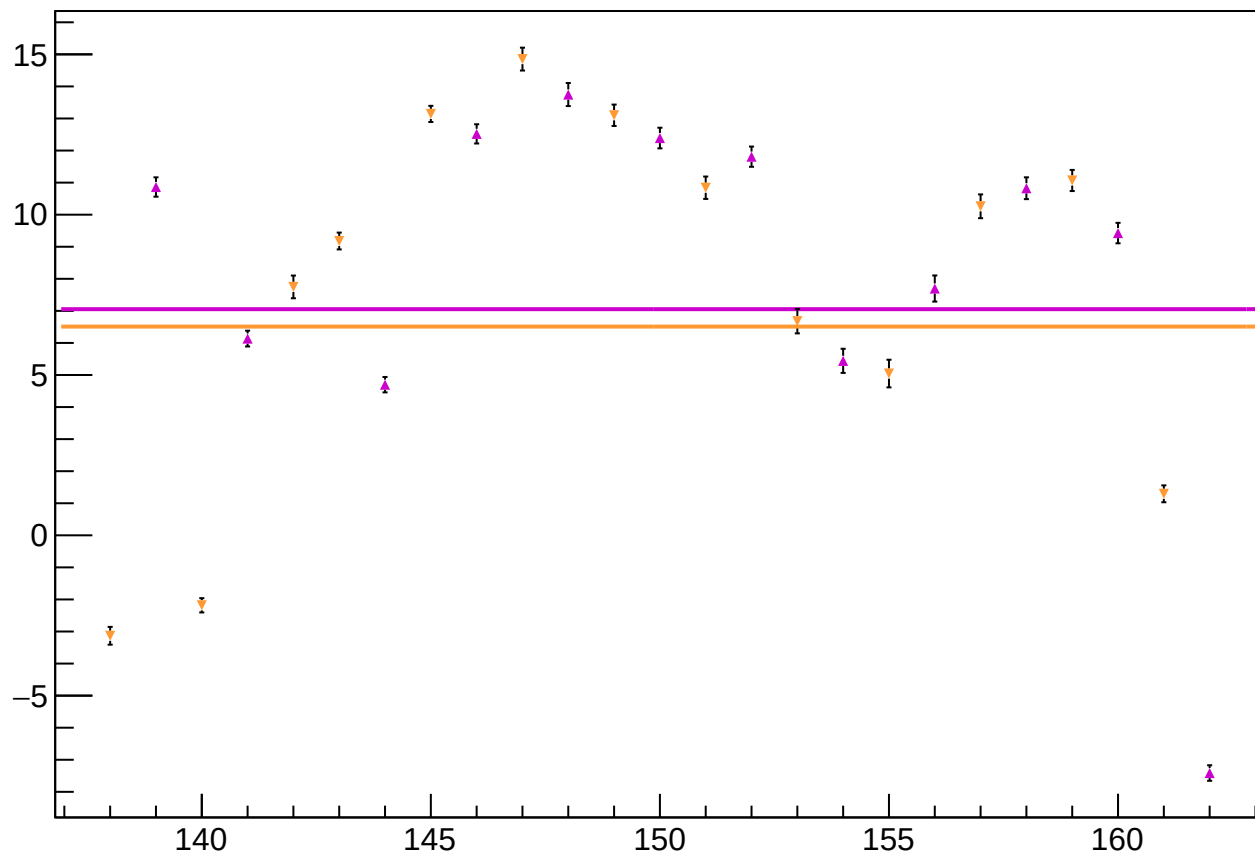
Right: -0.218 ± 0.005 χ^2/NDF : 12574.6/35

In: 0.257 ± 0.004 χ^2/NDF : 11228.7/28

Out: 0.251 ± 0.004 χ^2/NDF : 12679.2/31

All: 0.254 ± 0.003 χ^2/NDF : 23909.1/60

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.510+/-0.085 χ^2/NDF :5326.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.053+/-0.087 χ^2/NDF :5212.0/11

Left: 6.774+/-0.061 χ^2/NDF : 10558.8/24

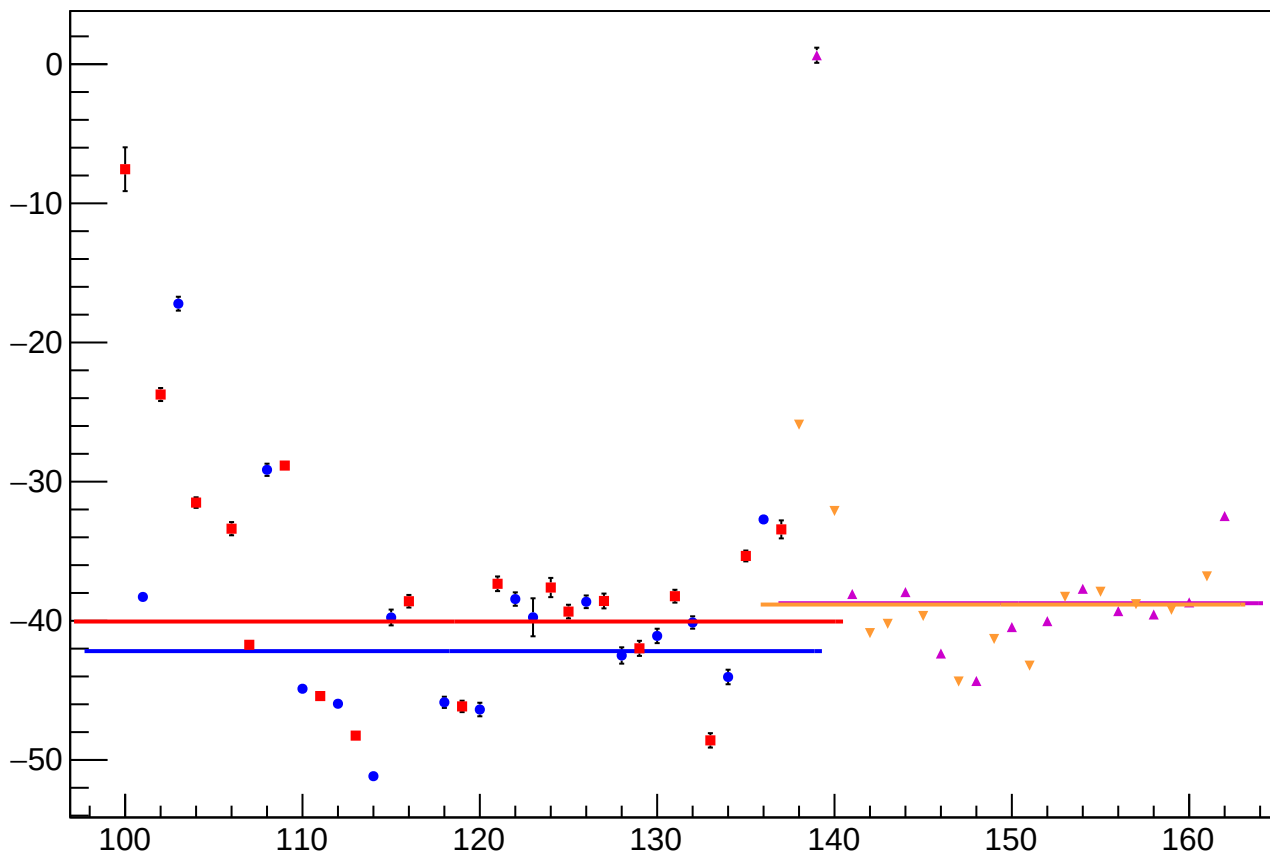
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.053+/-0.087 χ^2/NDF :5212.0/11

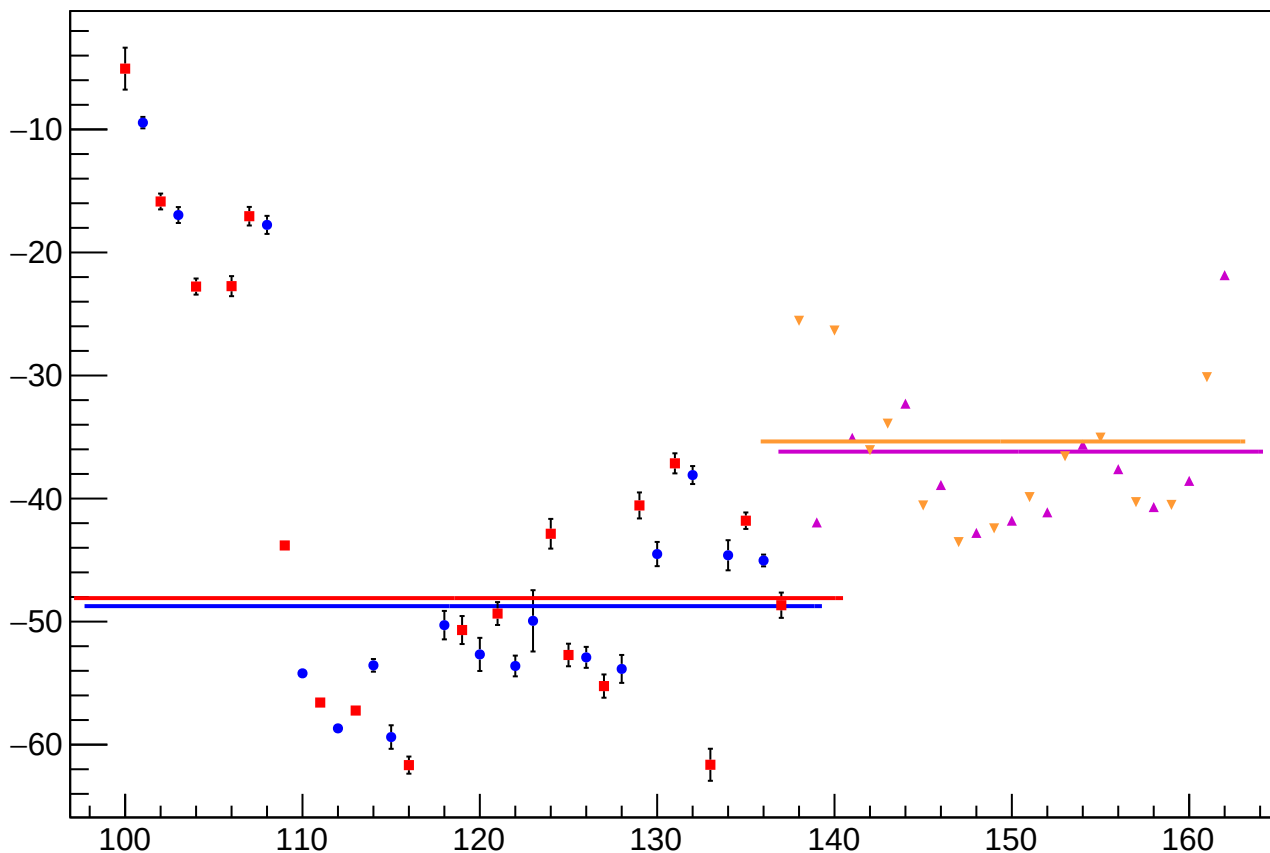
Out: 6.510+/-0.085 χ^2/NDF :5326.9/12

All: 6.774+/-0.061 χ^2/NDF : 10558.8/24

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF : 14658.5/16

Left Out: -35.359+/-0.085 χ^2/NDF : 5148.9/12

Right Out: -48.091+/-0.107 χ^2/NDF : 11731.5/18

Left In: -36.187+/-0.085 χ^2/NDF : 5706.6/11

Left: -35.769+/-0.060 χ^2/NDF : 10902.9/24

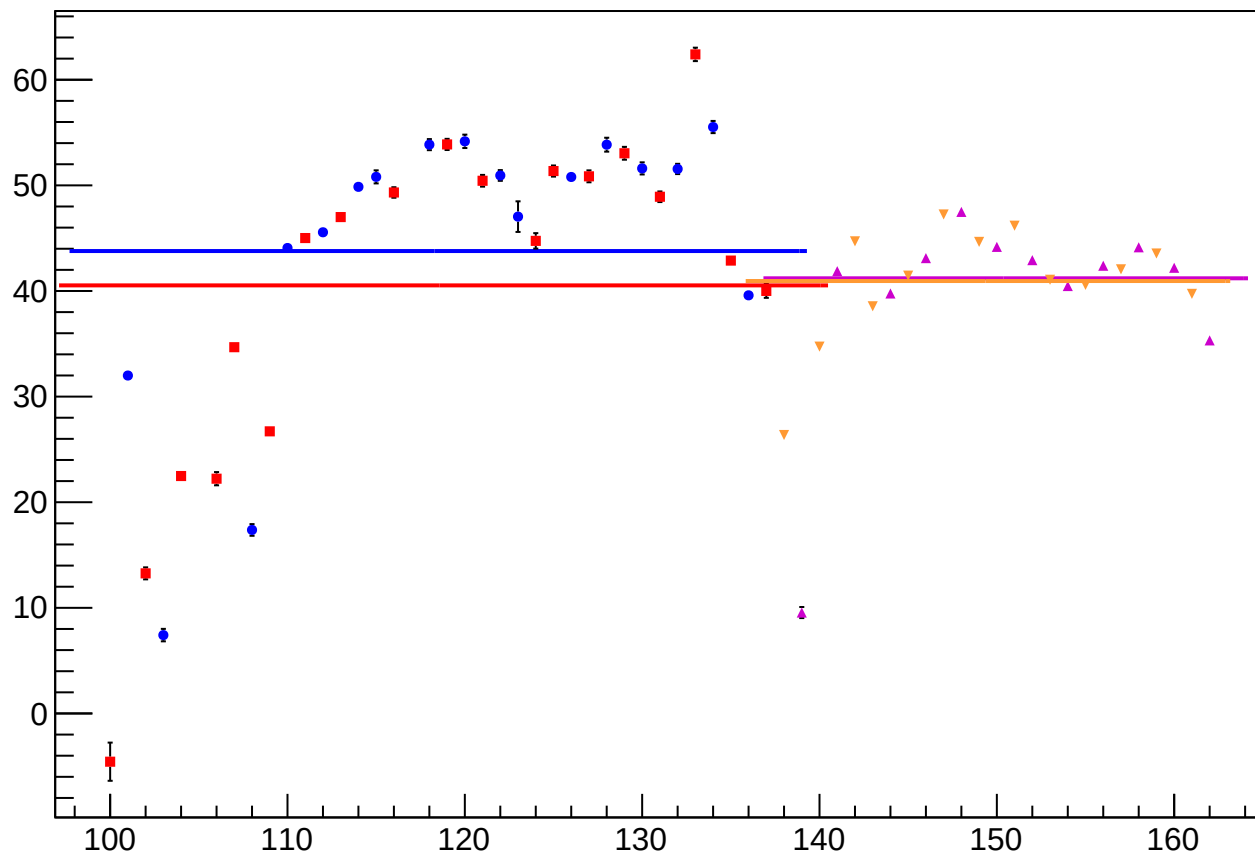
Right: -48.369+/-0.081 χ^2/NDF : 26405.8/35

In: -40.210+/-0.070 χ^2/NDF : 27284.9/28

Out: -40.240+/-0.066 χ^2/NDF : 25575.5/31

All: -40.226+/-0.048 χ^2/NDF : 52860.4/60

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 $\pm$ 0.087 χ^2/NDF : 10638.7/16

Left Out: 40.943 $\pm$ 0.070 χ^2/NDF : 4823.1/12

Right Out: 40.530 $\pm$ 0.080 χ^2/NDF : 17580.7/18

Left In: 41.201 $\pm$ 0.072 χ^2/NDF : 5637.4/11

Left: 41.069 $\pm$ 0.050 χ^2/NDF : 10467.1/24

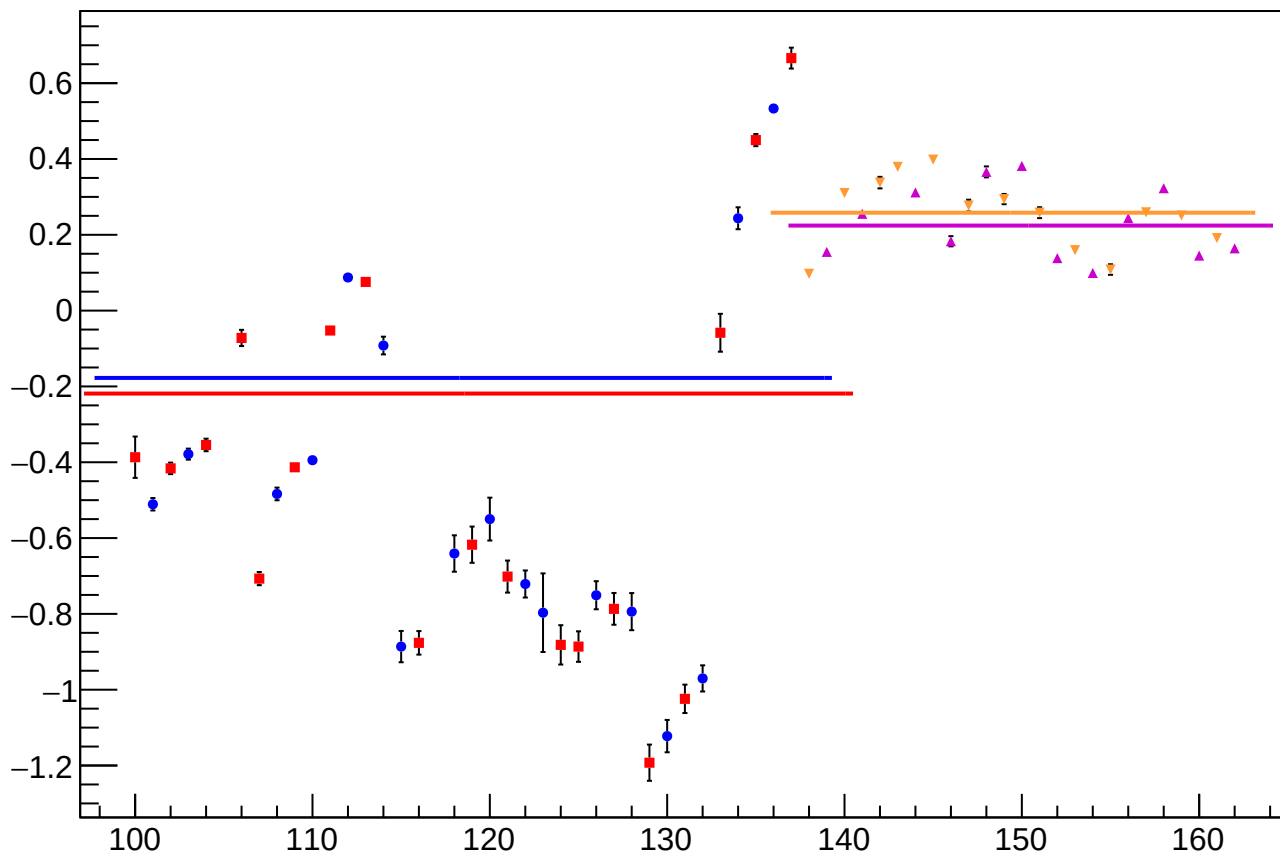
Right: 42.031 $\pm$ 0.059 χ^2/NDF : 28978.3/35

In: 42.249 $\pm$ 0.055 χ^2/NDF : 16803.7/28

Out: 40.765 $\pm$ 0.053 χ^2/NDF : 22418.9/31

All: 41.472 $\pm$ 0.038 χ^2/NDF : 39600.7/60

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.258 ± 0.003 χ^2/NDF : 764.1/12

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

Left In: 0.224 ± 0.003 χ^2/NDF : 694.2/11

Left: 0.241 ± 0.002 χ^2/NDF : 1510.1/24

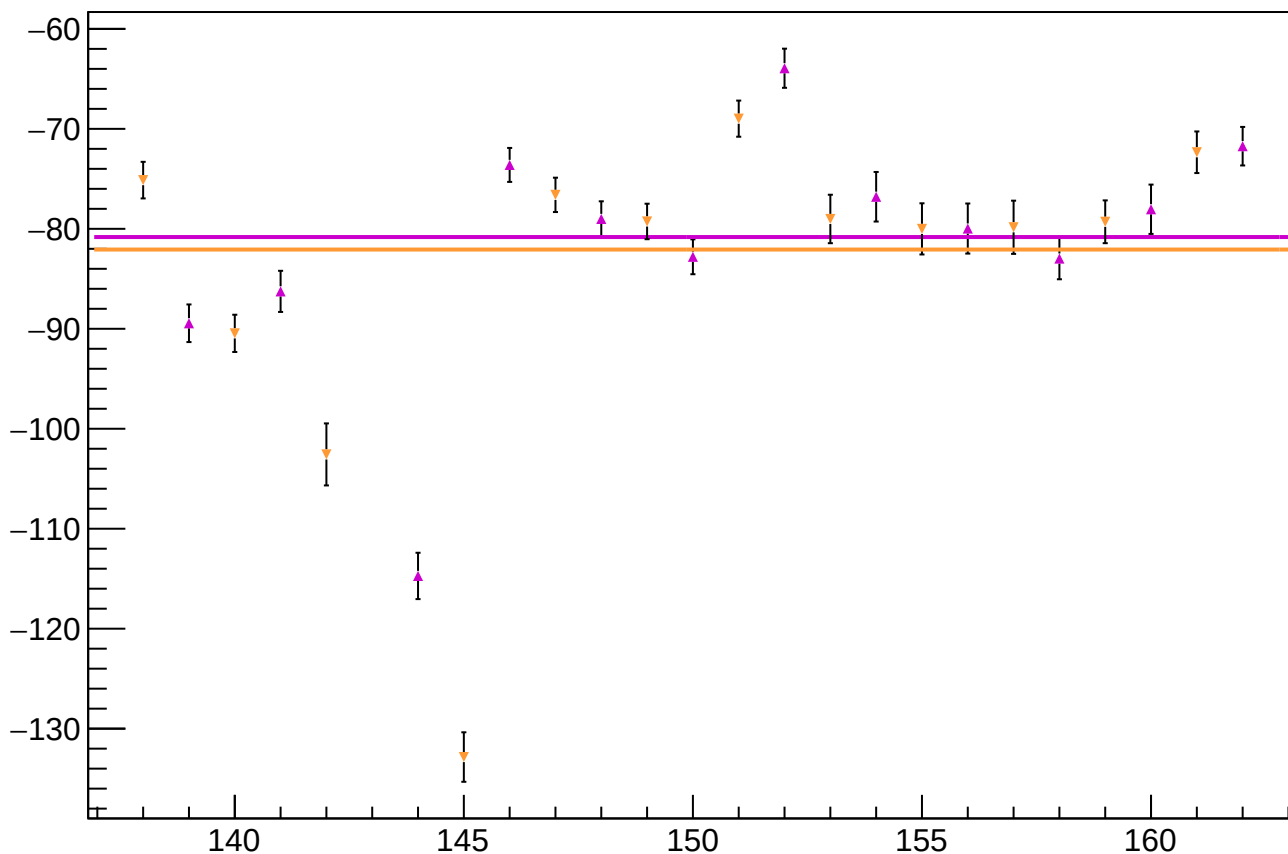
Right: -0.201 ± 0.003 χ^2/NDF : 14886.5/35

In: 0.094 ± 0.003 χ^2/NDF : 12736.8/28

Out: 0.080 ± 0.003 χ^2/NDF : 15942.1/31

All: 0.087 ± 0.002 χ^2/NDF : 28692.3/60

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -82.073+/-0.605 χ^2/NDF :590.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.822+/-0.582 χ^2/NDF :364.0/11

Left: -81.424+/-0.420 χ^2/NDF : 956.6/23

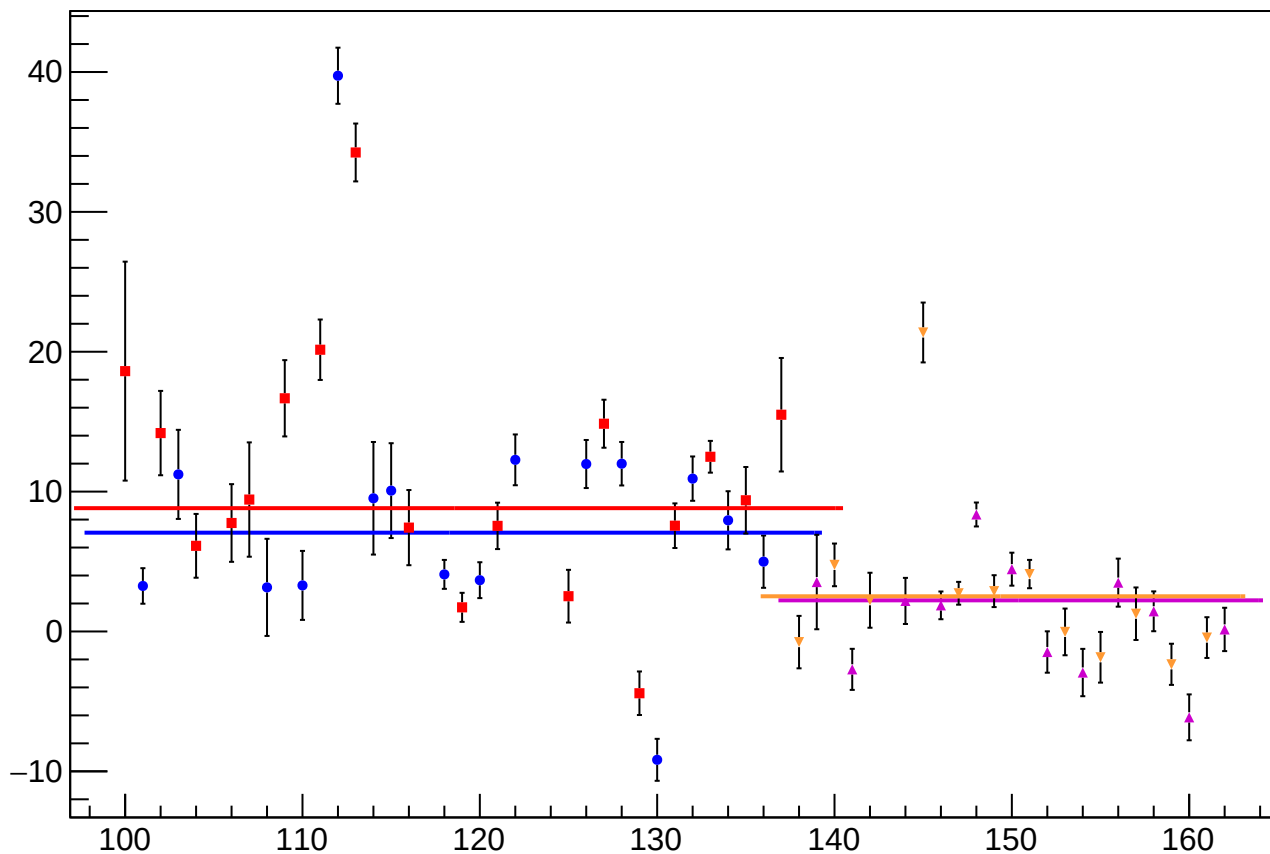
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.822+/-0.582 χ^2/NDF :364.0/11

Out: -82.073+/-0.605 χ^2/NDF :590.3/11

All: -81.424+/-0.420 χ^2/NDF : 956.6/23

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 $\pm$ 0.434 χ^2 /NDF: 446.9/15

Left Out: 2.515 $\pm$ 0.398 χ^2 /NDF:109.2/11

Right Out: 8.816 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 2.225 $\pm$ 0.394 χ^2 /NDF:110.7/11

Left: 2.369 $\pm$ 0.280 χ^2 /NDF: 220.2/23

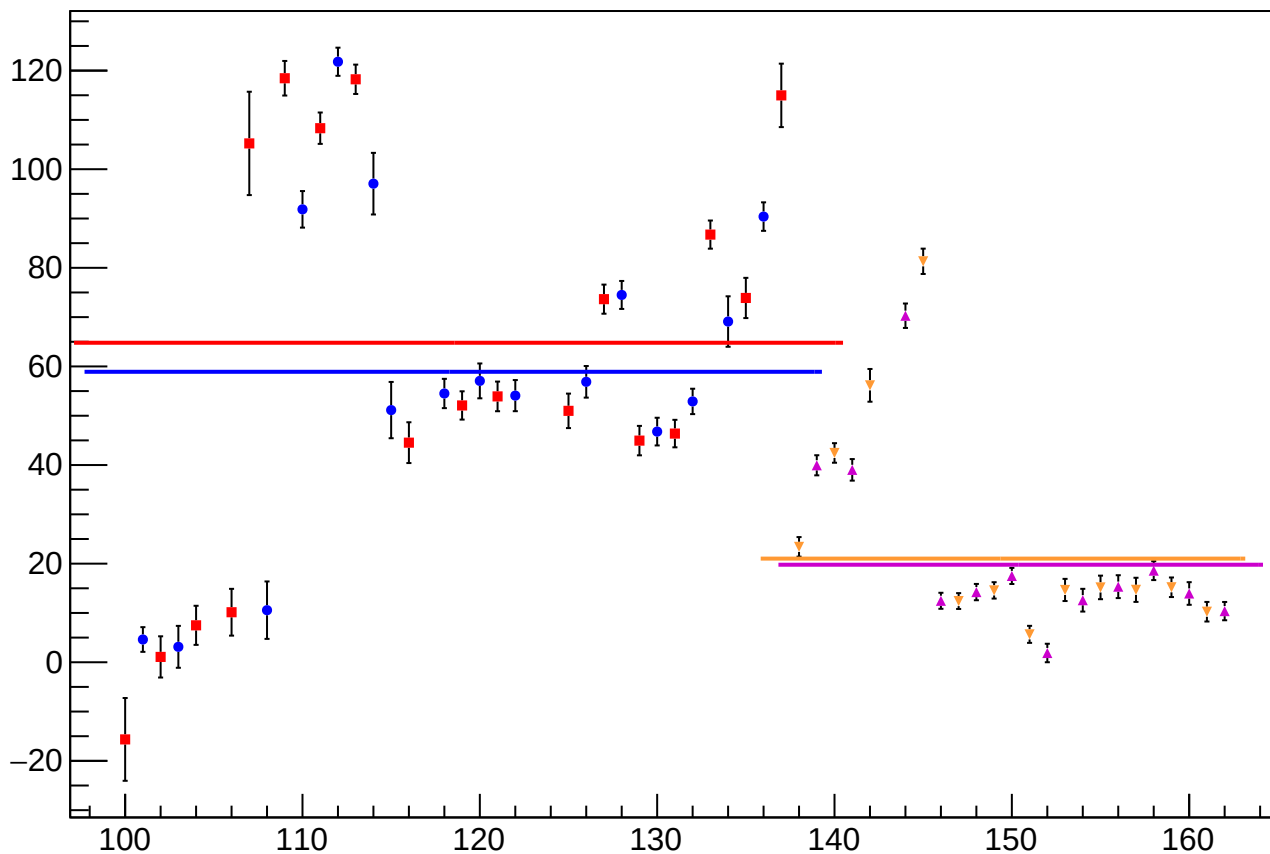
Right: 7.909 $\pm$ 0.312 χ^2 /NDF: 805.1/33

In: 4.413 $\pm$ 0.292 χ^2 /NDF:625.8/27

Out: 5.286 $\pm$ 0.298 χ^2 /NDF:569.9/29

All: 4.840 $\pm$ 0.208 χ^2 /NDF: 1200.1/57

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 21.022 $\pm$ 0.589 χ^2 /NDF:962.6/11

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

Left In: 19.781 $\pm$ 0.564 χ^2 /NDF:761.1/11

Left: 20.375 $\pm$ 0.407 χ^2 /NDF: 1726.0/23

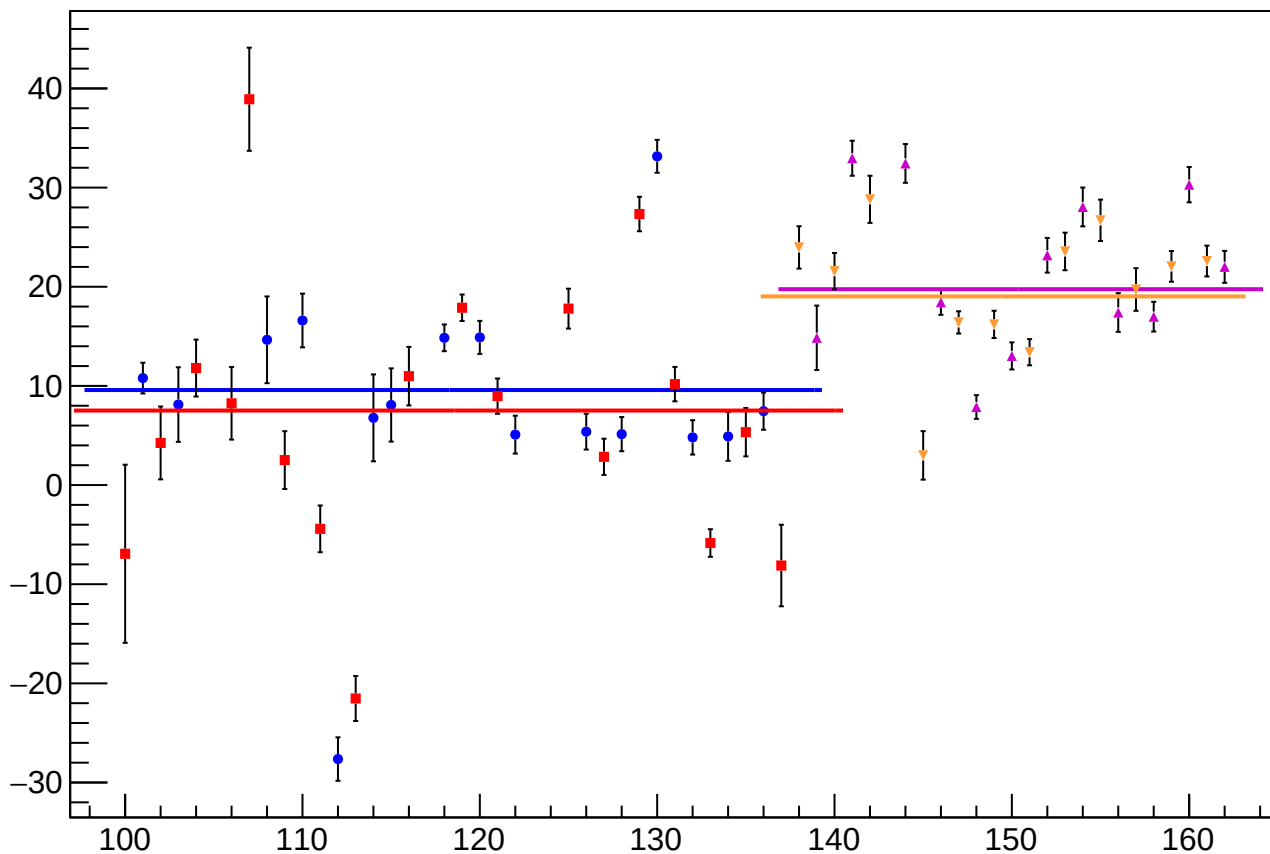
Right: 61.827 $\pm$ 0.591 χ^2 /NDF: 3239.7/33

In: 32.111 $\pm$ 0.467 χ^2 /NDF:3775.1/27

Out: 35.443 $\pm$ 0.482 χ^2 /NDF:4501.4/29

All: 33.722 $\pm$ 0.335 χ^2 /NDF: 8301.1/57

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 19.028 ± 0.482 $\chi^2/\text{NDF}: 123.5/11$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

Left In: 19.754 ± 0.470 $\chi^2/\text{NDF}: 287.9/11$

Left: 19.400 ± 0.336 $\chi^2/\text{NDF}: 412.6/23$

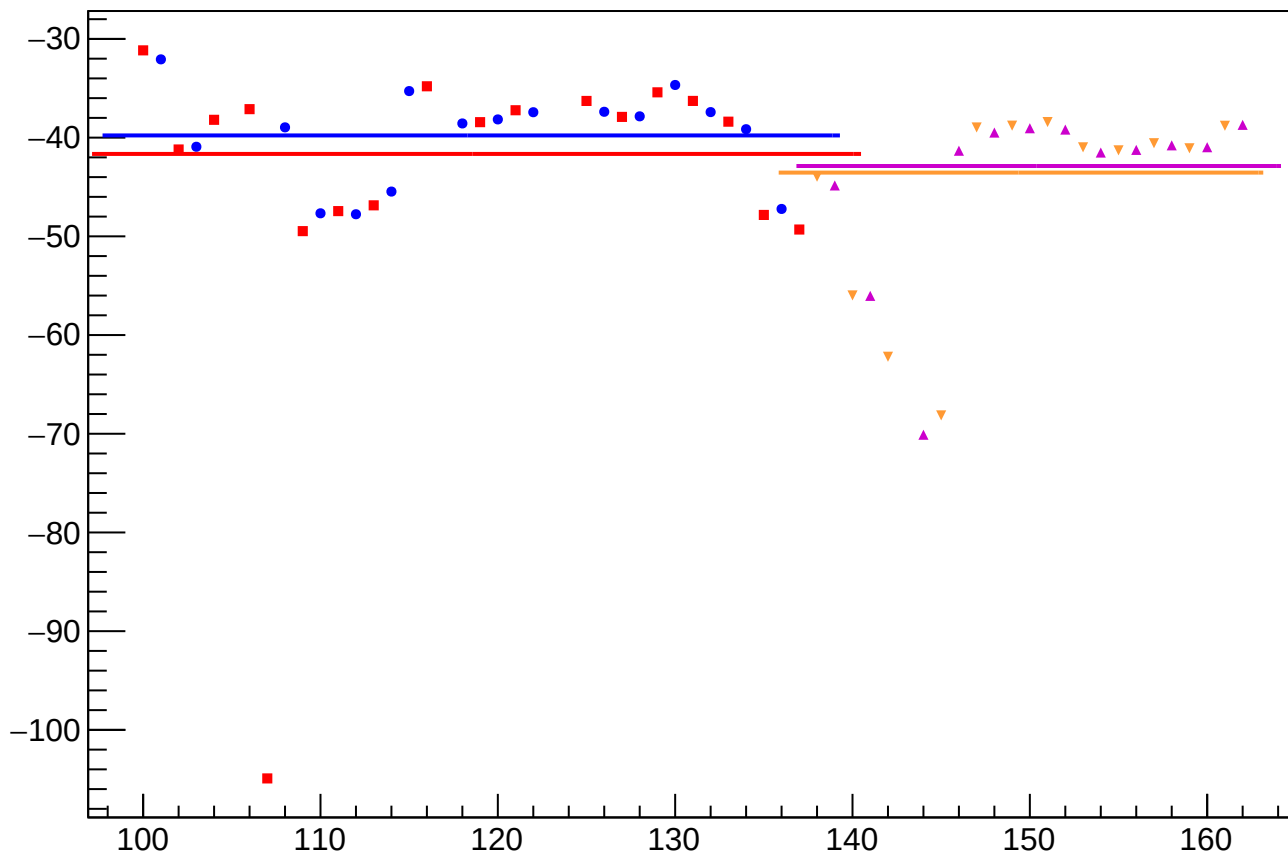
Right: 8.579 ± 0.359 $\chi^2/\text{NDF}: 1132.5/33$

In: 14.994 ± 0.343 $\chi^2/\text{NDF}: 1061.5/27$

Out: 13.664 ± 0.352 $\chi^2/\text{NDF}: 959.5/29$

All: 14.347 ± 0.246 $\chi^2/\text{NDF}: 2028.3/57$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -43.542 ± 0.023 χ^2/NDF : 119796.8/11

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

Left In: -42.874 ± 0.022 χ^2/NDF : 99123.2/11

Left: -43.190 ± 0.016 χ^2/NDF : 219349.8/23

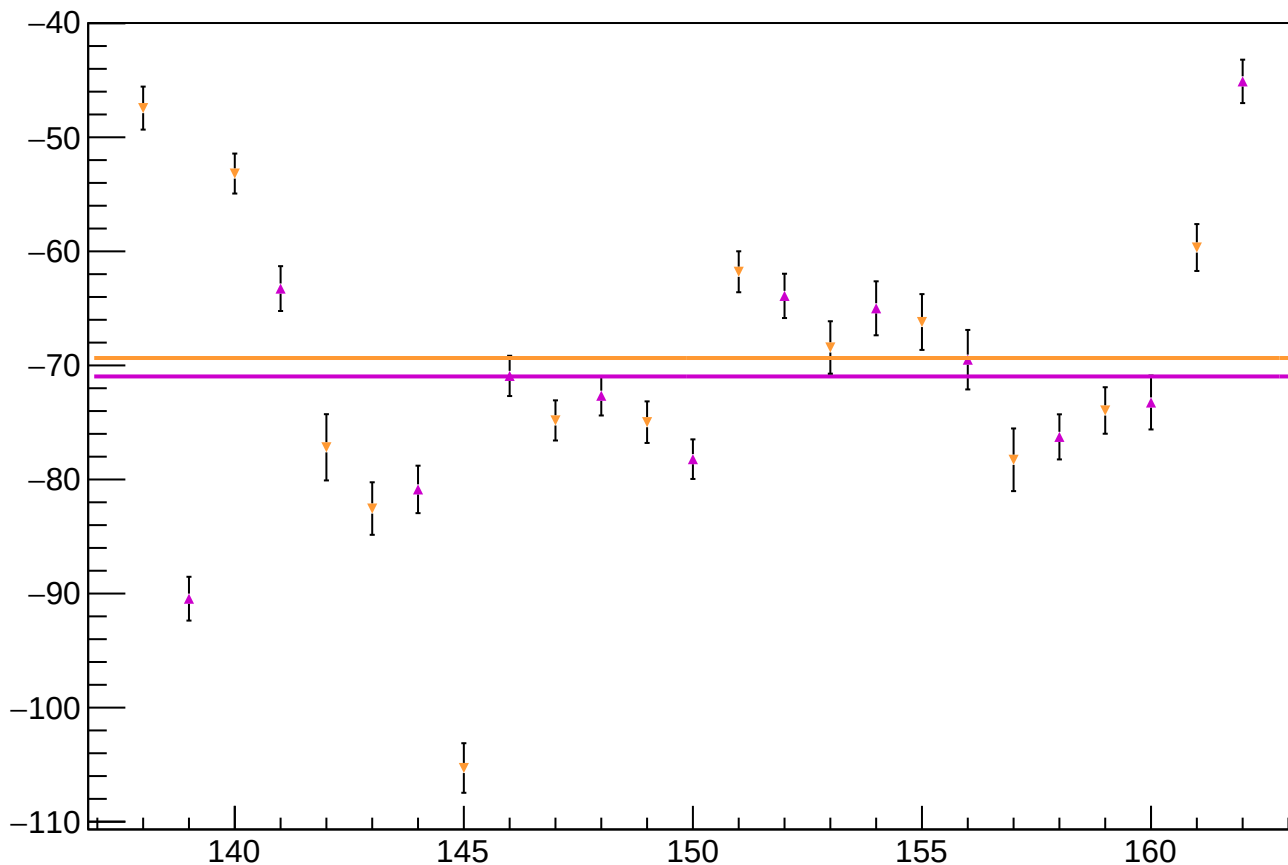
Right: -40.710 ± 0.022 χ^2/NDF : 122427.7/33

In: -41.828 ± 0.018 χ^2/NDF : 131864.4/27

Out: -42.861 ± 0.019 χ^2/NDF : 216607.4/29

All: -42.326 ± 0.013 χ^2/NDF : 350048.5/57

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -69.350 ± 0.575 $\chi^2/\text{NDF}: 610.4/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -70.967 ± 0.573 $\chi^2/\text{NDF}: 372.2/11$

Left: -70.161 ± 0.406 $\chi^2/\text{NDF}: 986.5/24$

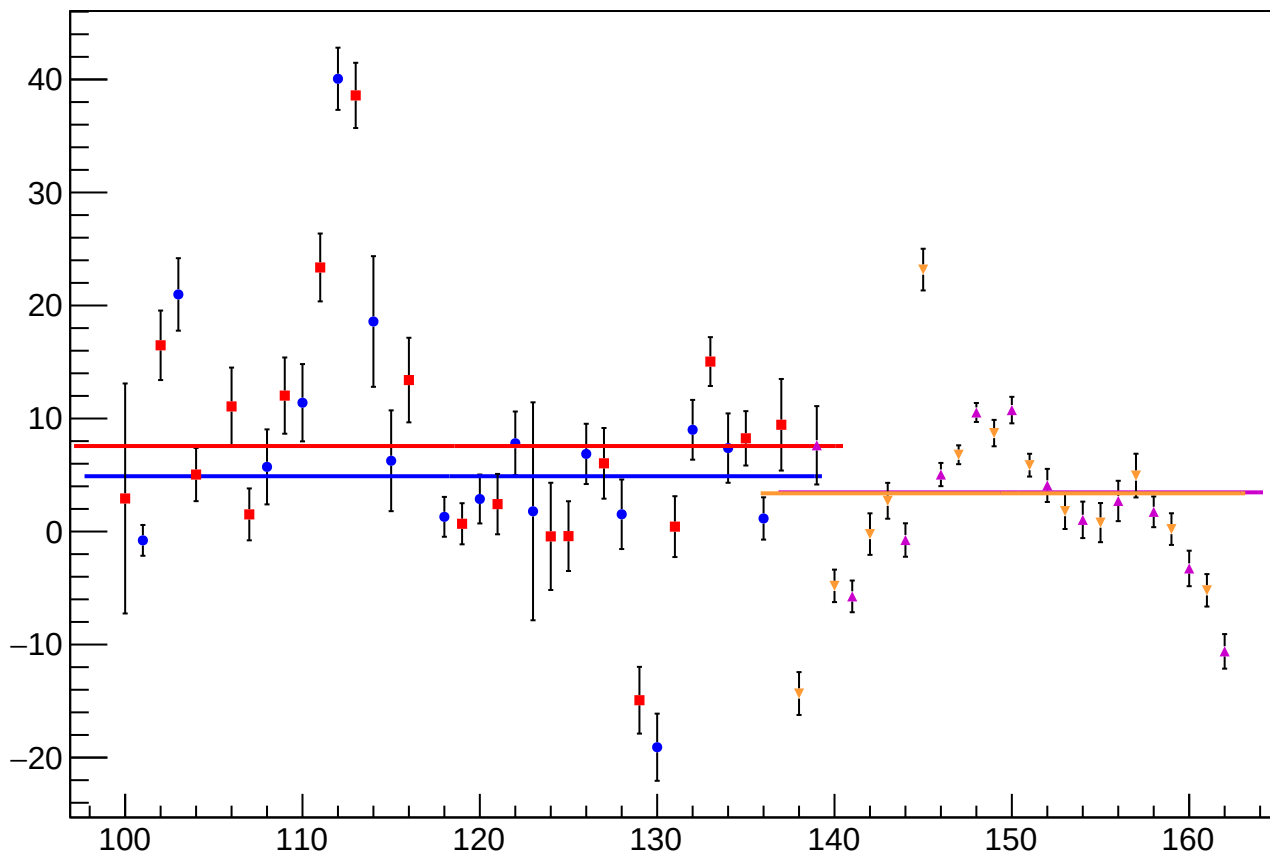
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -70.967 ± 0.573 $\chi^2/\text{NDF}: 372.2/11$

Out: -69.350 ± 0.575 $\chi^2/\text{NDF}: 610.4/12$

All: -70.161 ± 0.406 $\chi^2/\text{NDF}: 986.5/24$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 3.381 ± 0.381 χ^2/NDF : 327.3/12

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

Left In: 3.467 ± 0.387 χ^2/NDF : 271.6/11

Left: 3.424 ± 0.271 χ^2/NDF : 598.9/24

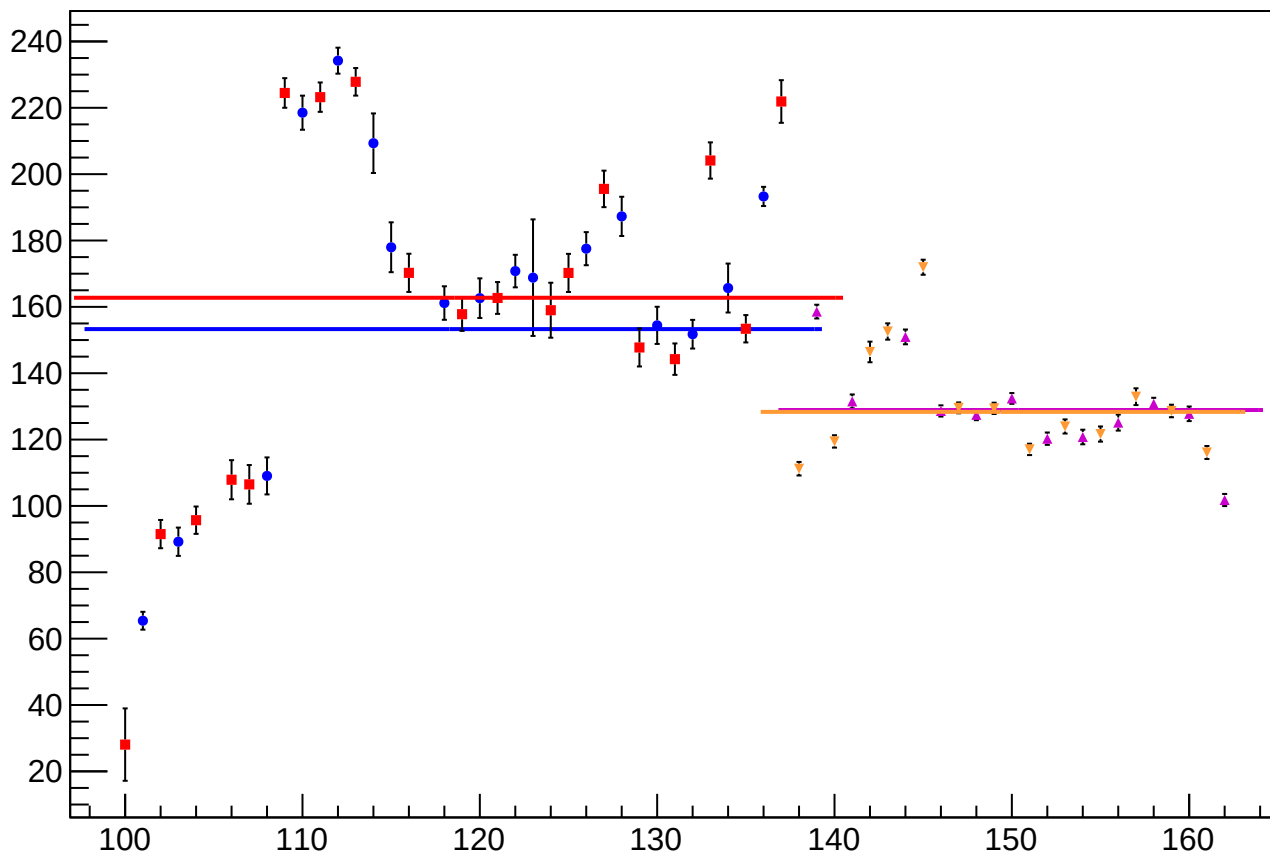
Right: 6.165 ± 0.450 χ^2/NDF : 574.4/35

In: 3.866 ± 0.328 χ^2/NDF : 570.8/28

Out: 4.446 ± 0.329 χ^2/NDF : 628.2/31

All: 4.156 ± 0.232 χ^2/NDF : 1200.5/60

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 128.352 $\pm$ 0.563 χ^2 /NDF:692.5/12

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

Left In: 128.910 $\pm$ 0.555 χ^2 /NDF:567.0/11

Left: 128.635 $\pm$ 0.395 χ^2 /NDF: 1260.0/24

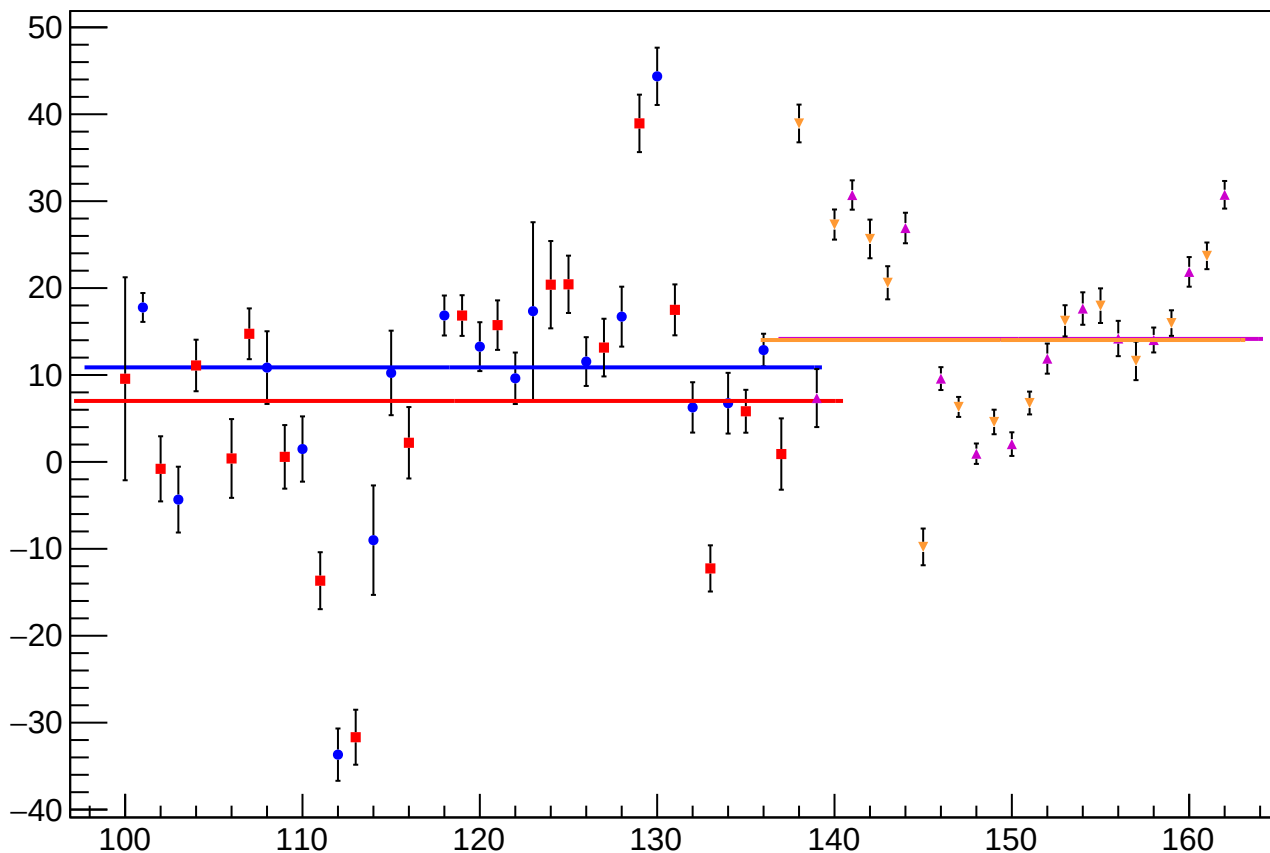
Right: 157.893 $\pm$ 0.820 χ^2 /NDF: 4008.6/35

In: 133.554 $\pm$ 0.499 χ^2 /NDF:3201.2/28

Out: 134.763 $\pm$ 0.508 χ^2 /NDF:3096.4/31

All: 134.148 $\pm$ 0.356 χ^2 /NDF: 6300.5/60

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 14.024 $\pm$ 0.459 χ^2 /NDF:524.9/12

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

Left In: 14.151 $\pm$ 0.461 χ^2 /NDF:505.5/11

Left: 14.087 $\pm$ 0.326 χ^2 /NDF: 1030.4/24

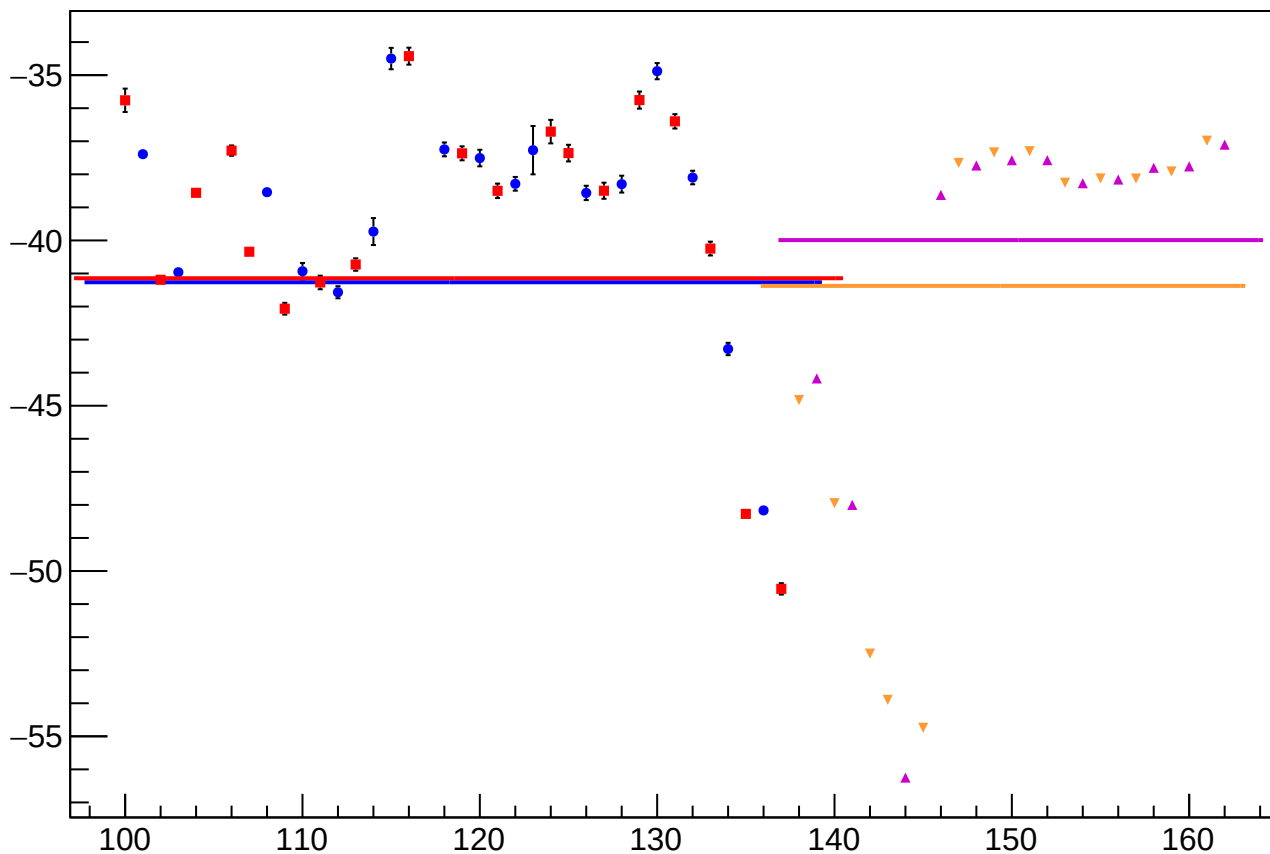
Right: 9.038 $\pm$ 0.516 χ^2 /NDF: 826.6/35

In: 13.186 $\pm$ 0.387 χ^2 /NDF:908.4/28

Out: 12.104 $\pm$ 0.391 χ^2 /NDF:1013.1/31

All: 12.651 $\pm$ 0.275 χ^2 /NDF: 1925.4/60

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -41.375 ± 0.022 $\chi^2/\text{NDF}: 73933.4/12$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

Left In: -39.990 ± 0.022 $\chi^2/\text{NDF}: 48265.5/11$

Left: -40.667 ± 0.016 $\chi^2/\text{NDF}: 124160.8/24$

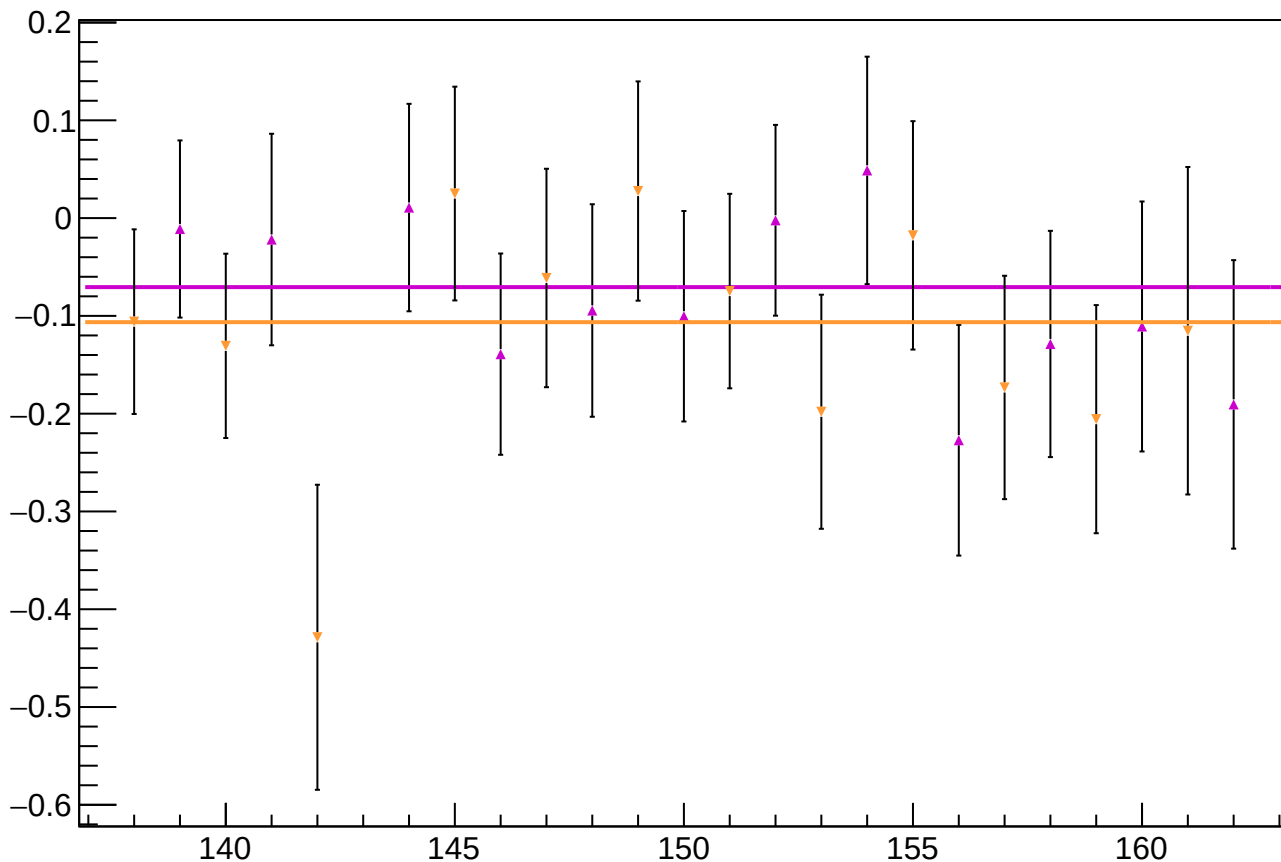
Right: -41.205 ± 0.027 $\chi^2/\text{NDF}: 24793.7/35$

In: -40.301 ± 0.019 $\chi^2/\text{NDF}: 61665.3/28$

Out: -41.317 ± 0.019 $\chi^2/\text{NDF}: 86178.9/31$

All: -40.800 ± 0.014 $\chi^2/\text{NDF}: 149247.7/60$

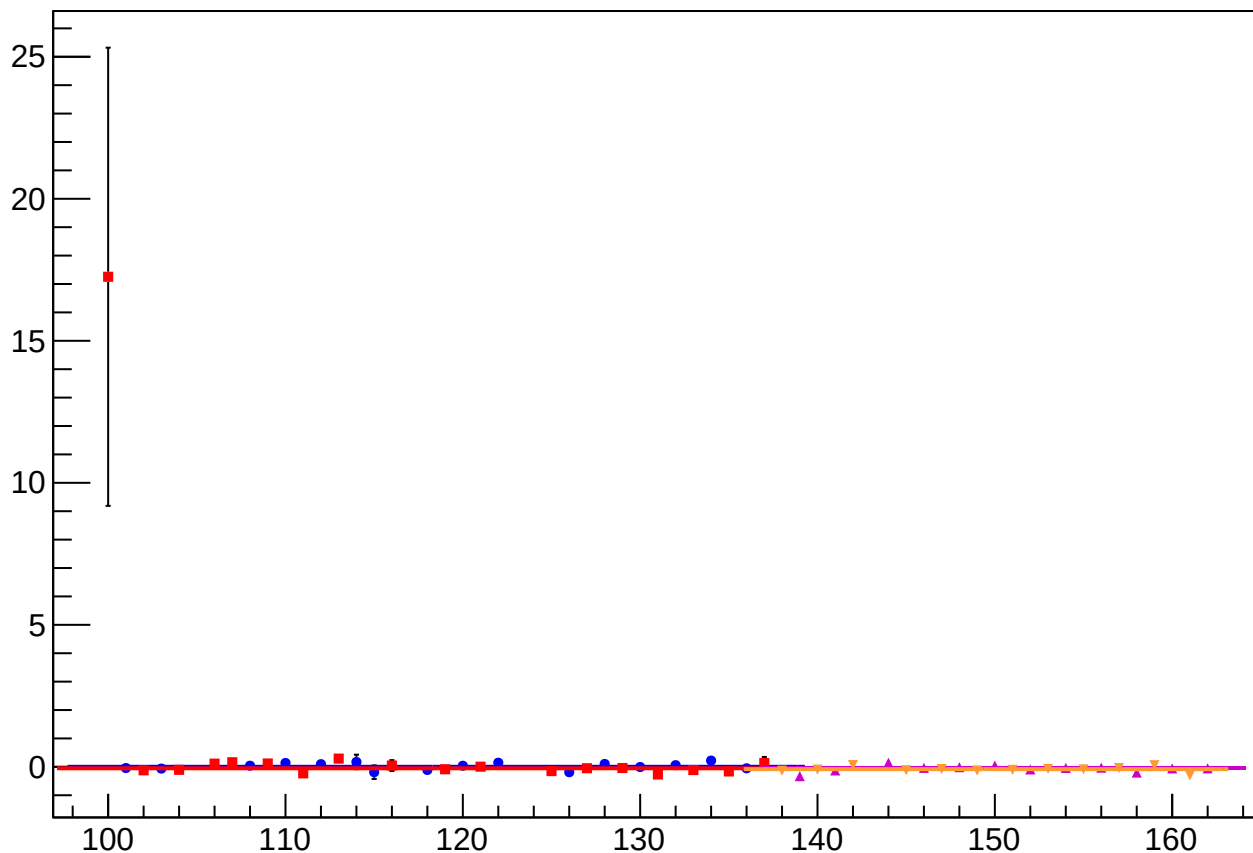
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.106 $\pm$ 0.033 χ^2 /NDF:9.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11

Left: -0.088 $\pm$ 0.023 χ^2 /NDF: 16.4/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11
 Out: -0.106 $\pm$ 0.033 χ^2 /NDF:9.7/11
 All: -0.088 $\pm$ 0.023 χ^2 /NDF: 16.4/23

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 ± 0.028 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.082 ± 0.022 $\chi^2/\text{NDF}: 9.9/11$

Right Out: -0.051 ± 0.029 $\chi^2/\text{NDF}: 25.8/17$

Left In: -0.040 ± 0.022 $\chi^2/\text{NDF}: 16.5/11$

Left: -0.061 ± 0.016 $\chi^2/\text{NDF}: 28.1/23$

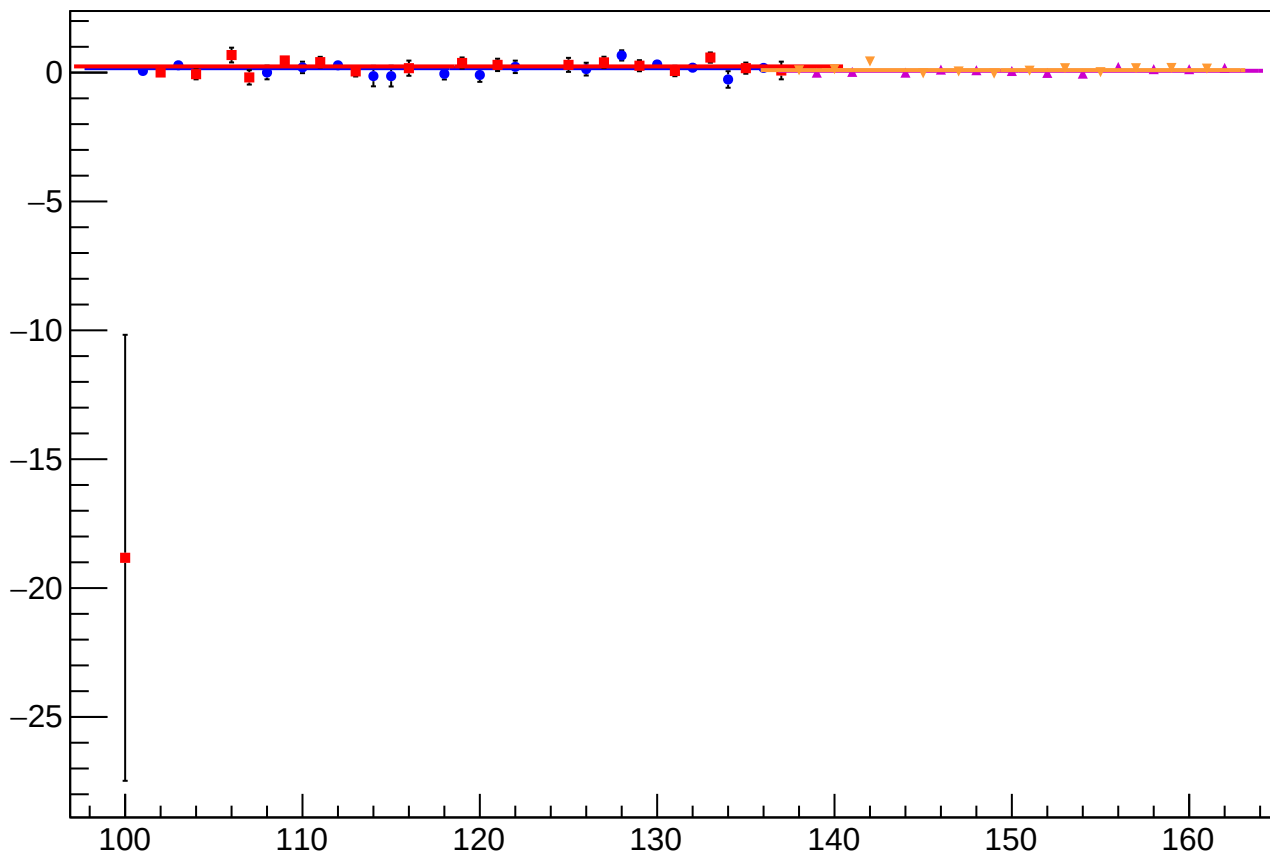
Right: -0.024 ± 0.020 $\chi^2/\text{NDF}: 40.0/33$

In: -0.025 ± 0.017 $\chi^2/\text{NDF}: 30.4/27$

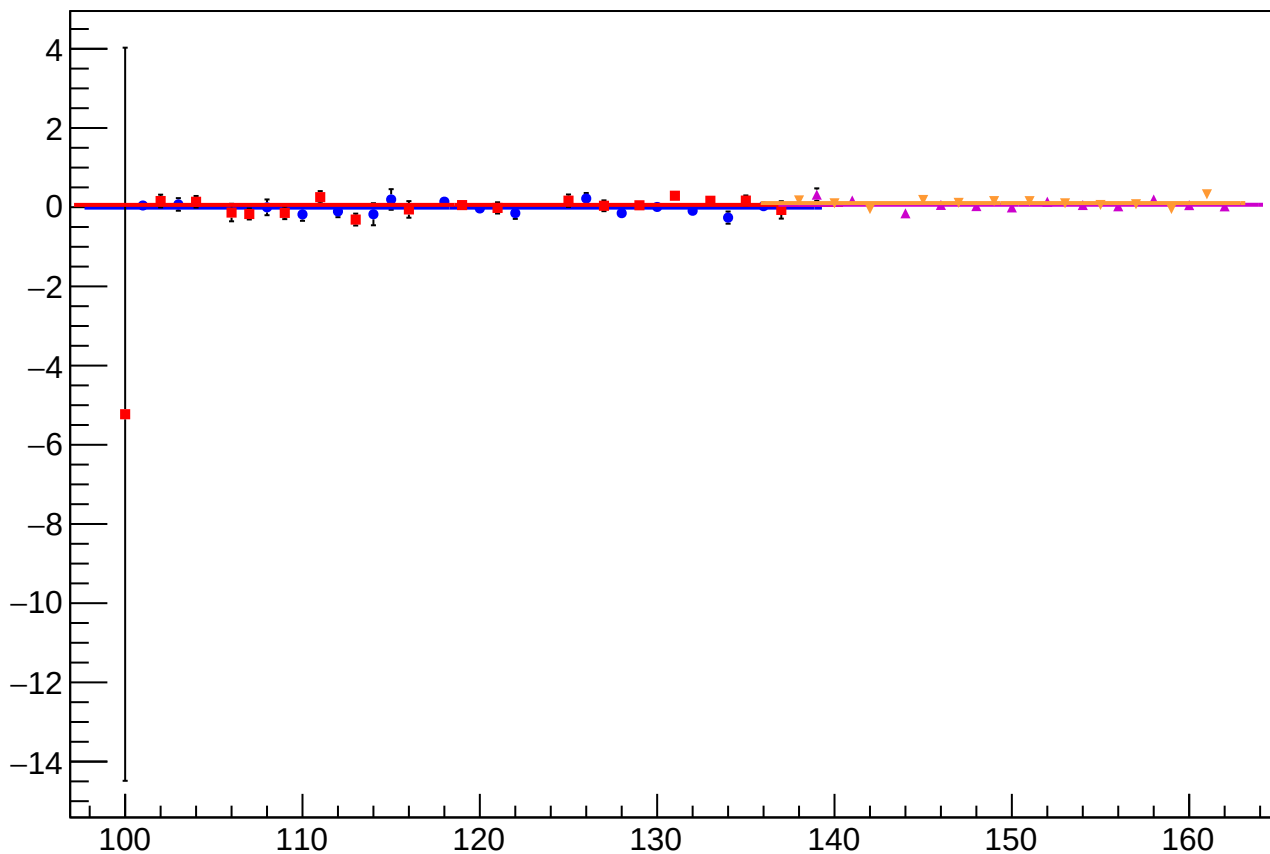
Out: -0.071 ± 0.018 $\chi^2/\text{NDF}: 36.4/29$

All: -0.047 ± 0.012 $\chi^2/\text{NDF}: 70.2/57$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.104 ± 0.027 χ^2/NDF : 9.8/11

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

Left In: 0.062 ± 0.026 χ^2/NDF : 14.2/11

Left: 0.082 ± 0.019 χ^2/NDF : 25.3/23

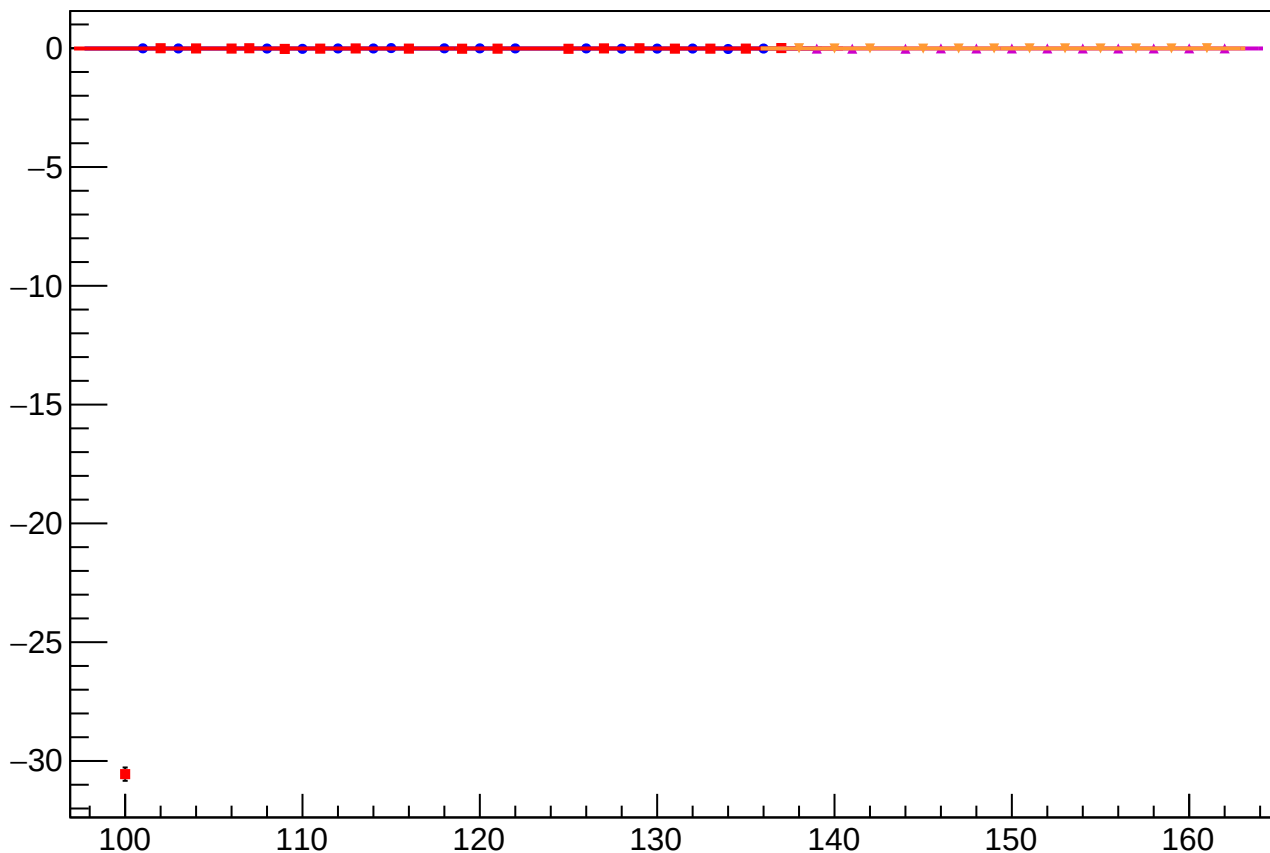
Right: 0.022 ± 0.023 χ^2/NDF : 36.5/33

In: 0.033 ± 0.020 χ^2/NDF : 30.9/27

Out: 0.087 ± 0.021 χ^2/NDF : 31.5/29

All: 0.059 ± 0.015 χ^2/NDF : 65.8/57

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:10.3/11

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:11.9/11

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 23.7/23

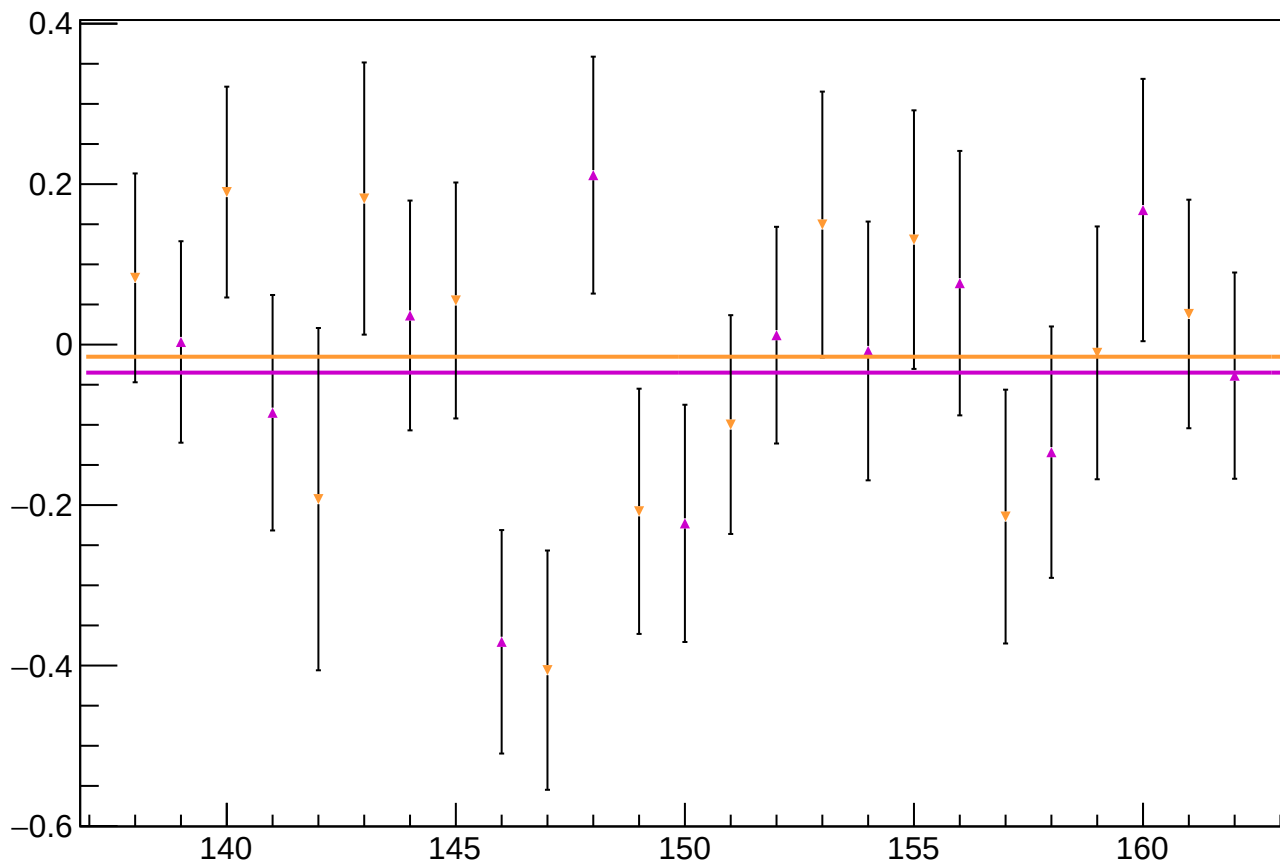
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11904.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:25.1/27

Out: -0.010 $\pm$ 0.001 χ^2 /NDF:11904.7/29

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11930.7/57

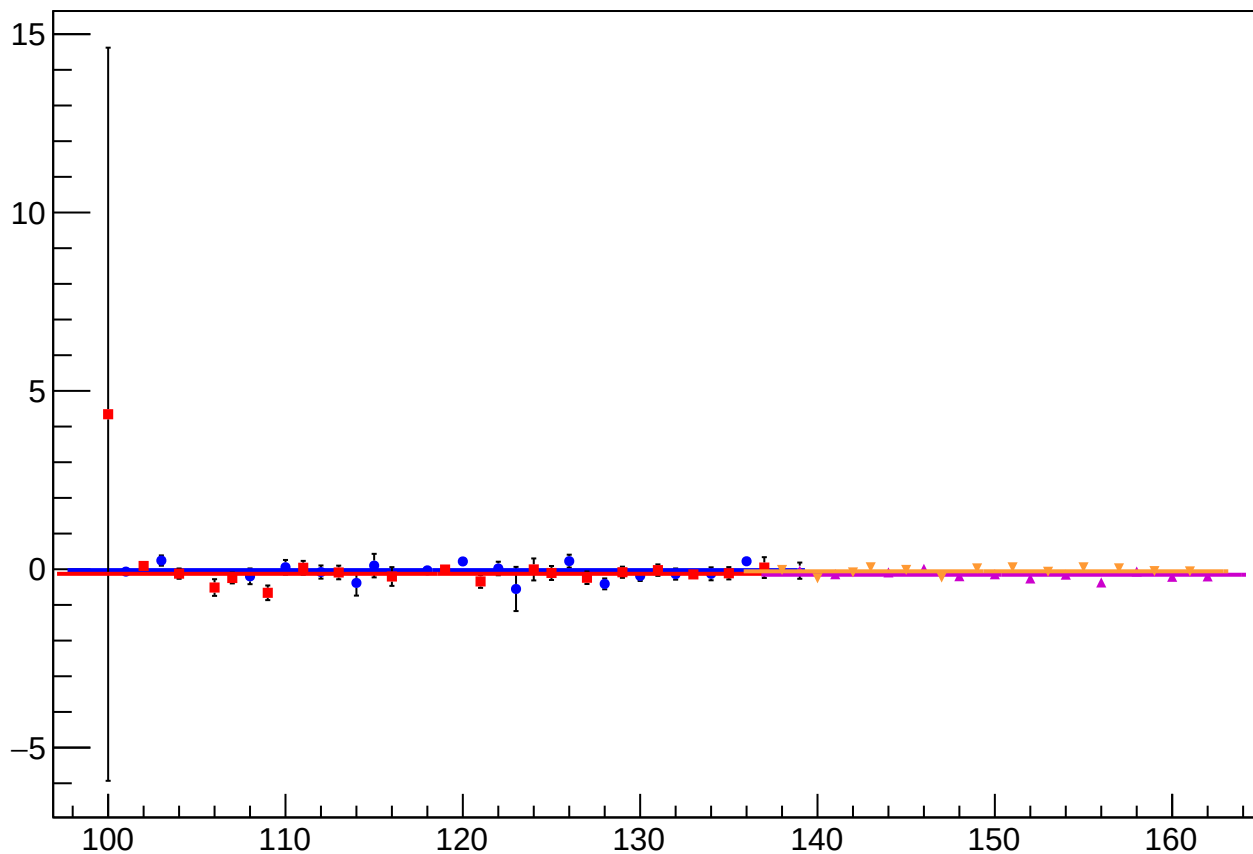
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.015 $\pm$ 0.042 χ^2 /NDF:17.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11

Left: -0.025 $\pm$ 0.030 χ^2 /NDF: 31.0/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11
 Out: -0.015 $\pm$ 0.042 χ^2 /NDF:17.7/12
 All: -0.025 $\pm$ 0.030 χ^2 /NDF: 31.0/24

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.058 ± 0.029 χ^2/NDF : 14.7/12

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

Left In: -0.154 ± 0.029 χ^2/NDF : 10.9/11

Left: -0.105 ± 0.021 χ^2/NDF : 31.1/24

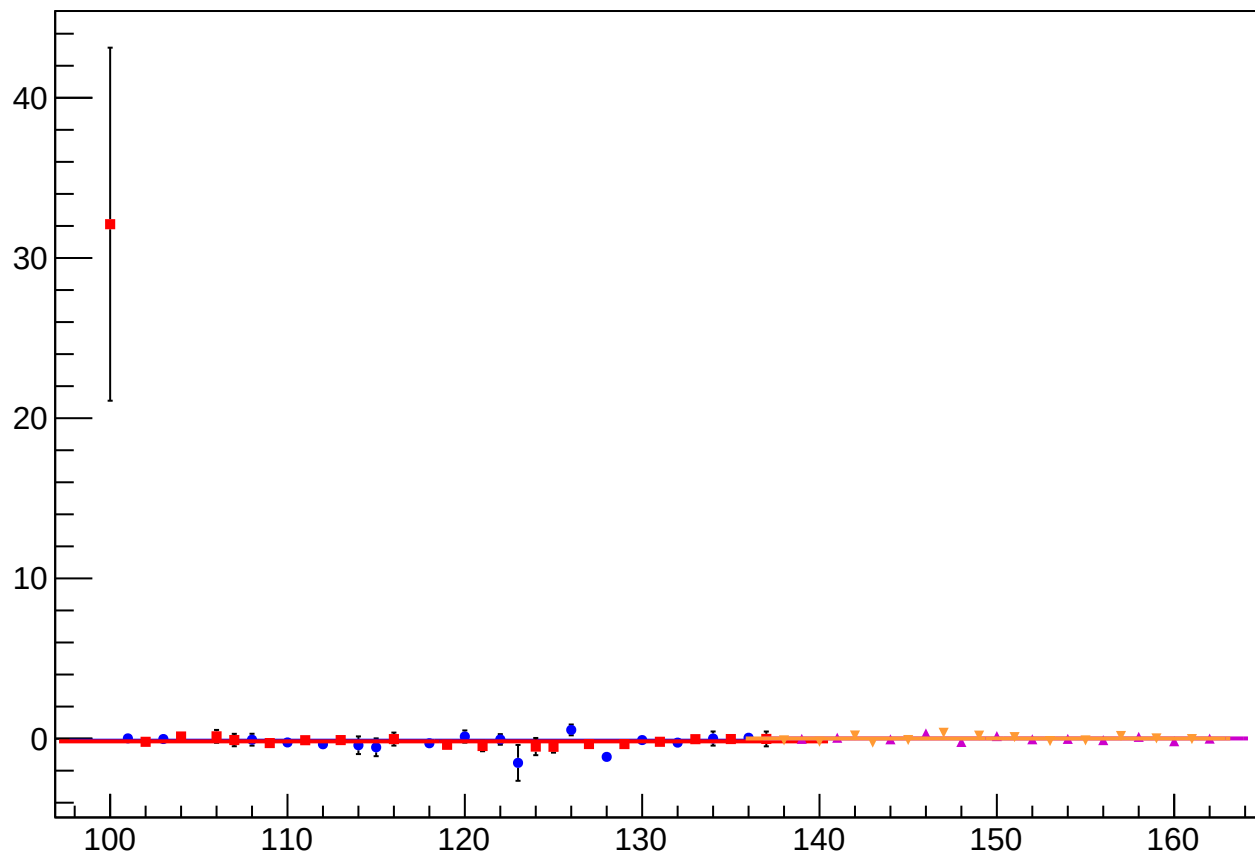
Right: -0.072 ± 0.027 χ^2/NDF : 44.7/35

In: -0.103 ± 0.023 χ^2/NDF : 42.0/28

Out: -0.082 ± 0.023 χ^2/NDF : 34.4/31

All: -0.093 ± 0.016 χ^2/NDF : 76.8/60

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 $\chi^2/\text{NDF}: 23.7/16$

Left Out: 0.009 ± 0.041 $\chi^2/\text{NDF}: 17.3/12$

Right Out: -0.172 ± 0.071 $\chi^2/\text{NDF}: 15.0/18$

Left In: 0.011 ± 0.041 $\chi^2/\text{NDF}: 11.8/11$

Left: 0.010 ± 0.029 $\chi^2/\text{NDF}: 29.1/24$

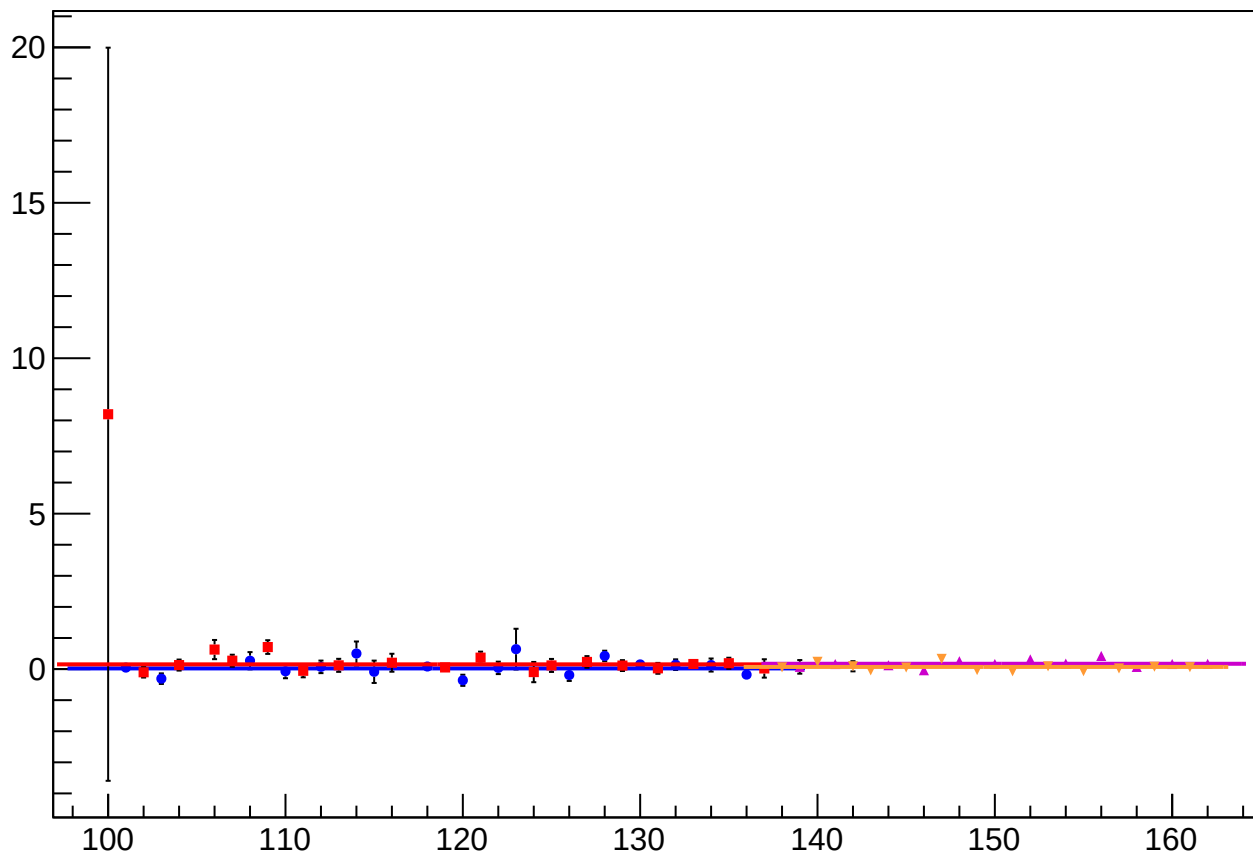
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 39.0/35$

In: -0.027 ± 0.035 $\chi^2/\text{NDF}: 38.8/28$

Out: -0.036 ± 0.036 $\chi^2/\text{NDF}: 37.1/31$

All: -0.032 ± 0.025 $\chi^2/\text{NDF}: 75.9/60$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.069+/-0.034 χ^2/NDF :13.3/12

Right Out: 0.152+/-0.045 χ^2/NDF : 16.2/18

Left In: 0.171+/-0.034 χ^2/NDF :10.9/11

Left: 0.119+/-0.024 χ^2/NDF : 28.6/24

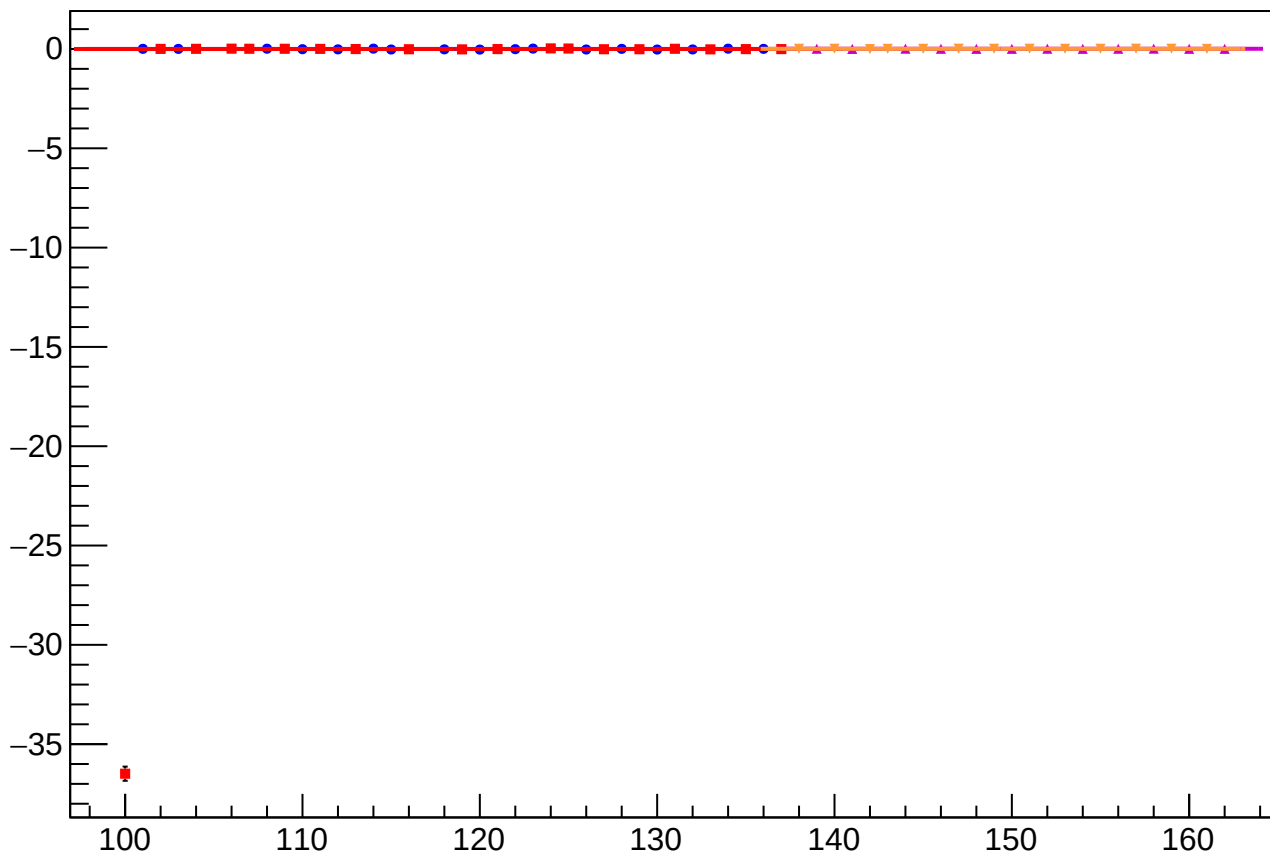
Right: 0.082+/-0.031 χ^2/NDF : 43.2/35

In: 0.111+/-0.027 χ^2/NDF :41.0/28

Out: 0.099+/-0.027 χ^2/NDF :31.7/31

All: 0.105+/-0.019 χ^2/NDF : 72.7/60

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.5/12

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/11

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 11.9/24

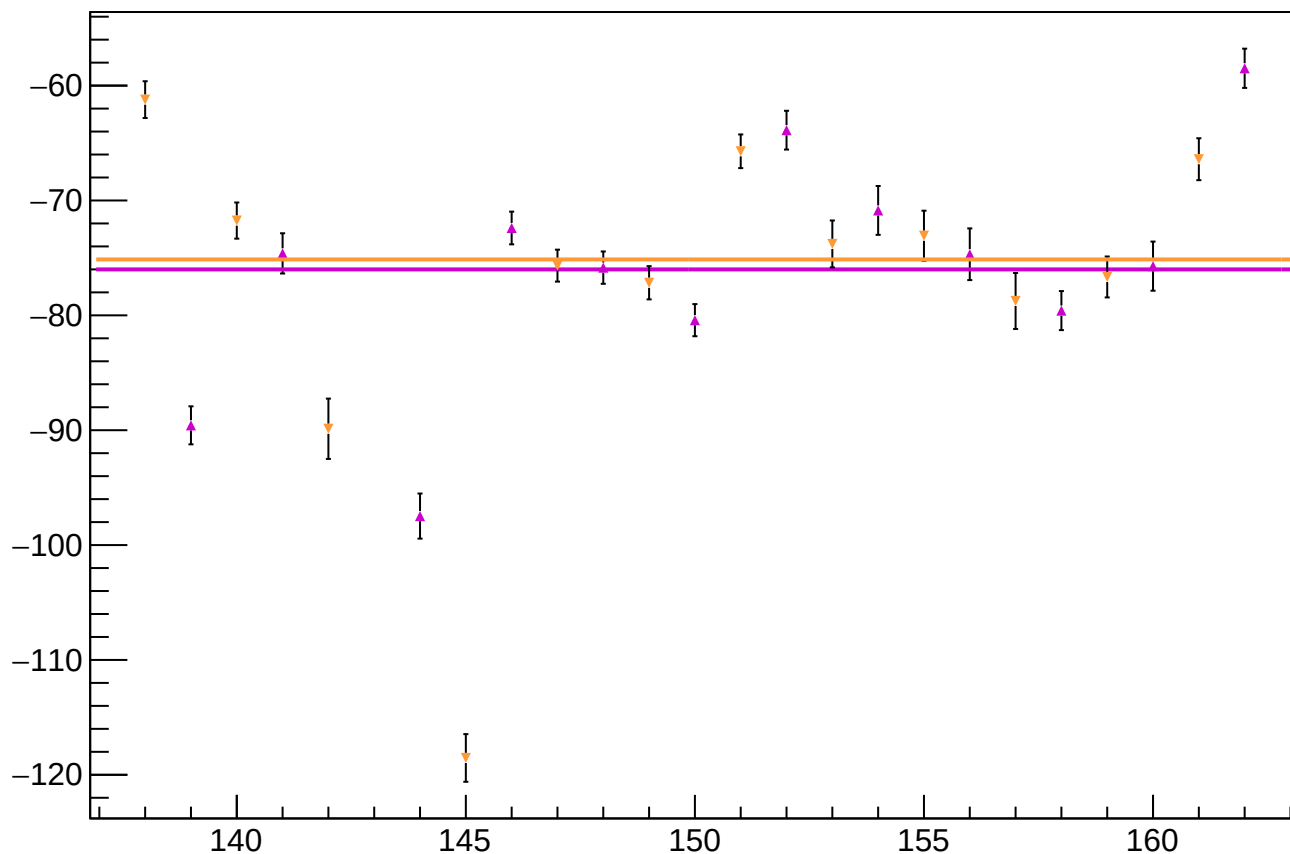
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.5/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/28

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10466.8/31

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10517.0/60

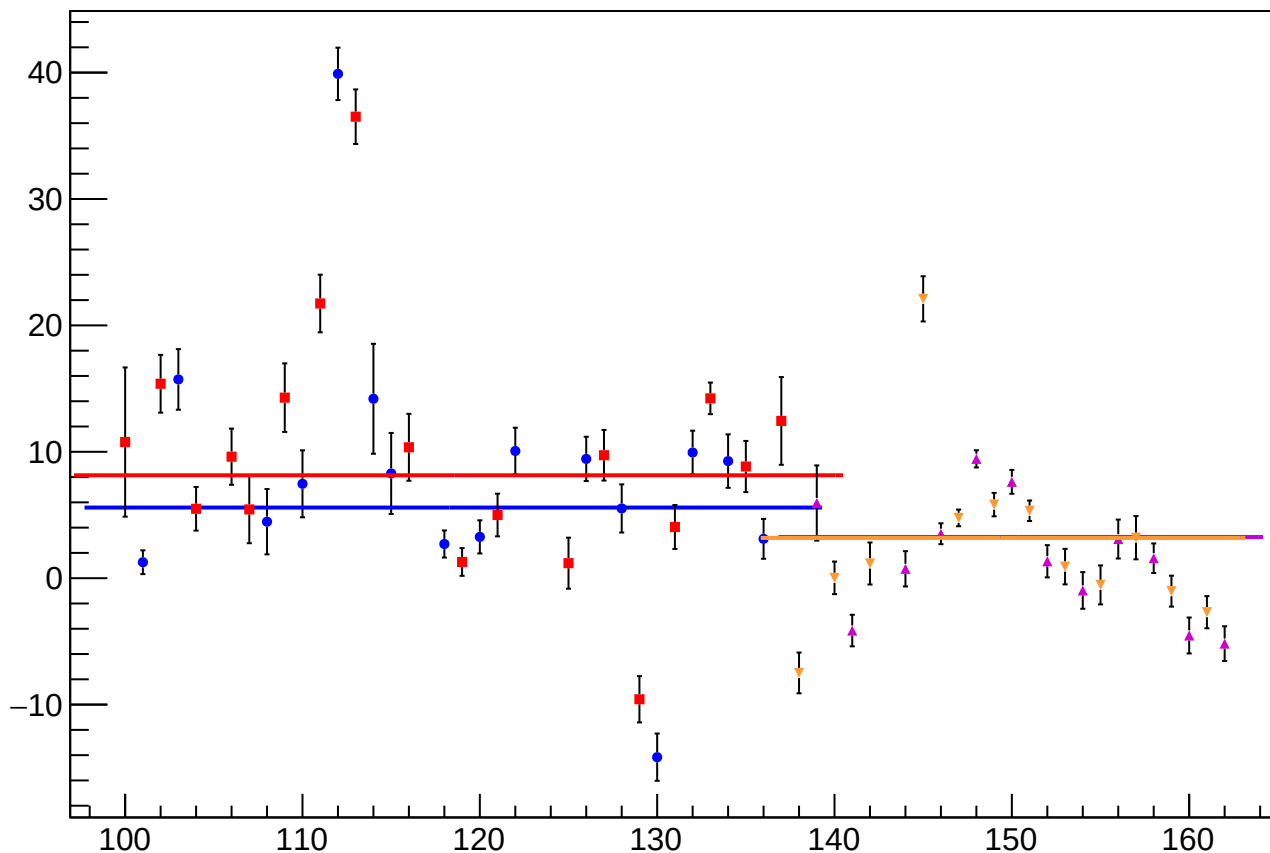
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.134+/-0.509 χ^2/NDF :619.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -76.001+/-0.492 χ^2/NDF :371.2/11

Left: -75.582+/-0.353 χ^2/NDF : 992.1/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -76.001+/-0.492 χ^2/NDF :371.2/11
 Out: -75.134+/-0.509 χ^2/NDF :619.3/11
 All: -75.582+/-0.353 χ^2/NDF : 992.1/23

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 $\pm$ 0.424 χ^2 /NDF: 462.8/15

Left Out: 3.187 $\pm$ 0.330 χ^2 /NDF:225.8/11

Right Out: 8.142 $\pm$ 0.454 χ^2 /NDF: 407.7/17

Left In: 3.259 $\pm$ 0.328 χ^2 /NDF:223.5/11

Left: 3.223 $\pm$ 0.233 χ^2 /NDF: 449.3/23

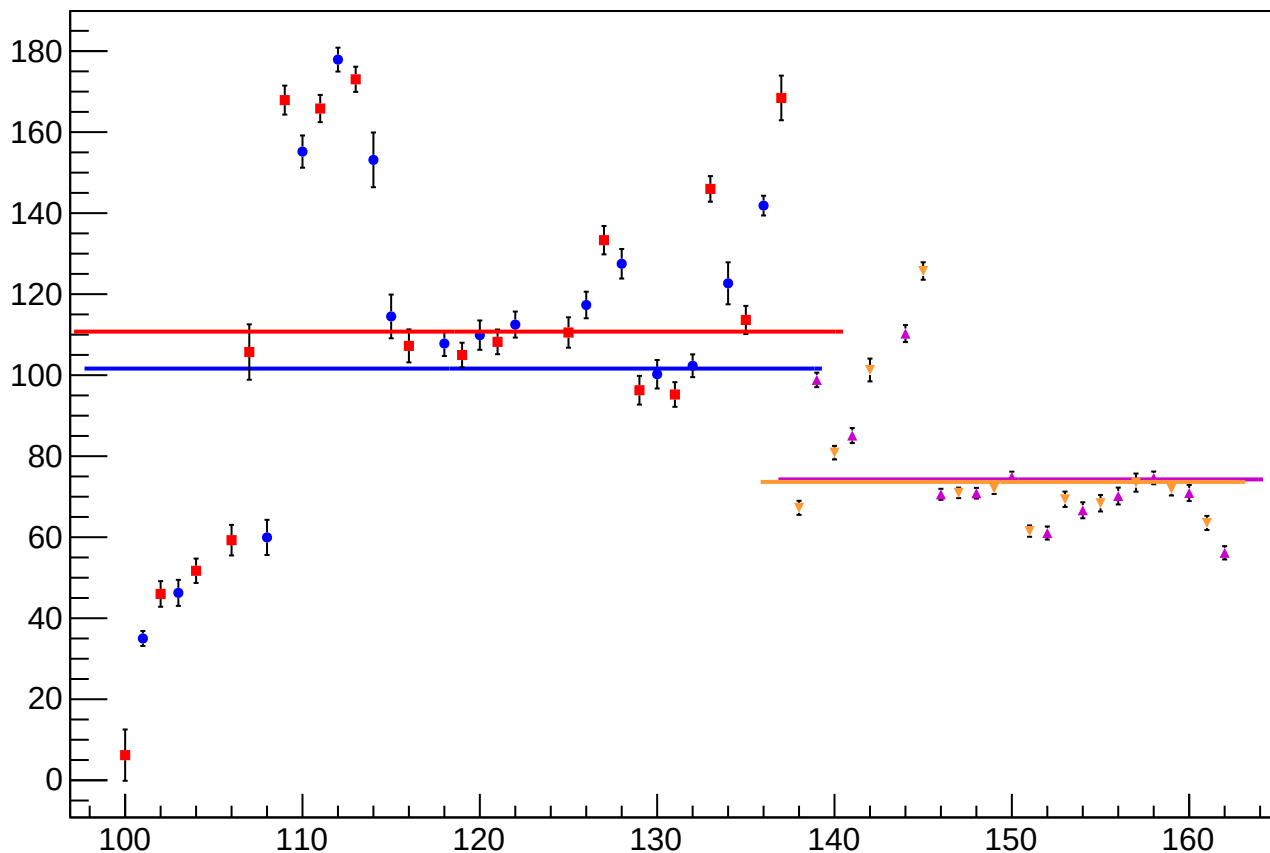
Right: 6.778 $\pm$ 0.310 χ^2 /NDF: 887.4/33

In: 4.133 $\pm$ 0.259 χ^2 /NDF:705.2/27

Out: 4.899 $\pm$ 0.267 χ^2 /NDF:711.6/29

All: 4.506 $\pm$ 0.186 χ^2 /NDF: 1421.0/57

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 73.652 $\pm$ 0.494 χ^2 /NDF:840.7/11

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

Left In: 74.267 $\pm$ 0.475 χ^2 /NDF:739.8/11

Left: 73.971 $\pm$ 0.343 χ^2 /NDF: 1581.3/23

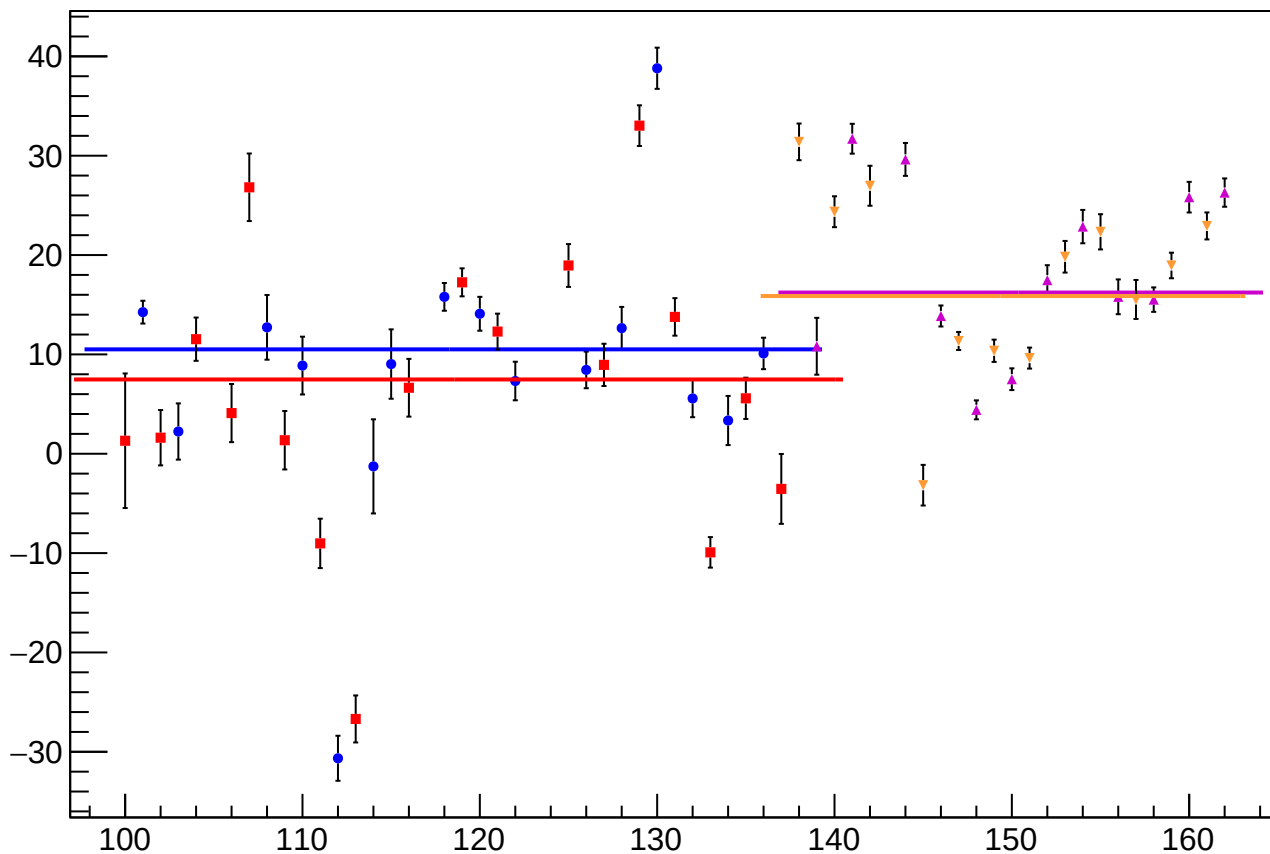
Right: 106.031 $\pm$ 0.581 χ^2 /NDF: 5553.5/33

In: 81.318 $\pm$ 0.410 χ^2 /NDF:4572.4/27

Out: 83.252 $\pm$ 0.425 χ^2 /NDF:4813.2/29

All: 82.248 $\pm$ 0.295 χ^2 /NDF: 9396.2/57

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 15.874 $\pm$ 0.401 χ^2 /NDF: 353.7/11

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

Left In: 16.227 $\pm$ 0.394 χ^2 /NDF: 502.2/11

Left: 16.054 $\pm$ 0.281 χ^2 /NDF: 856.2/23

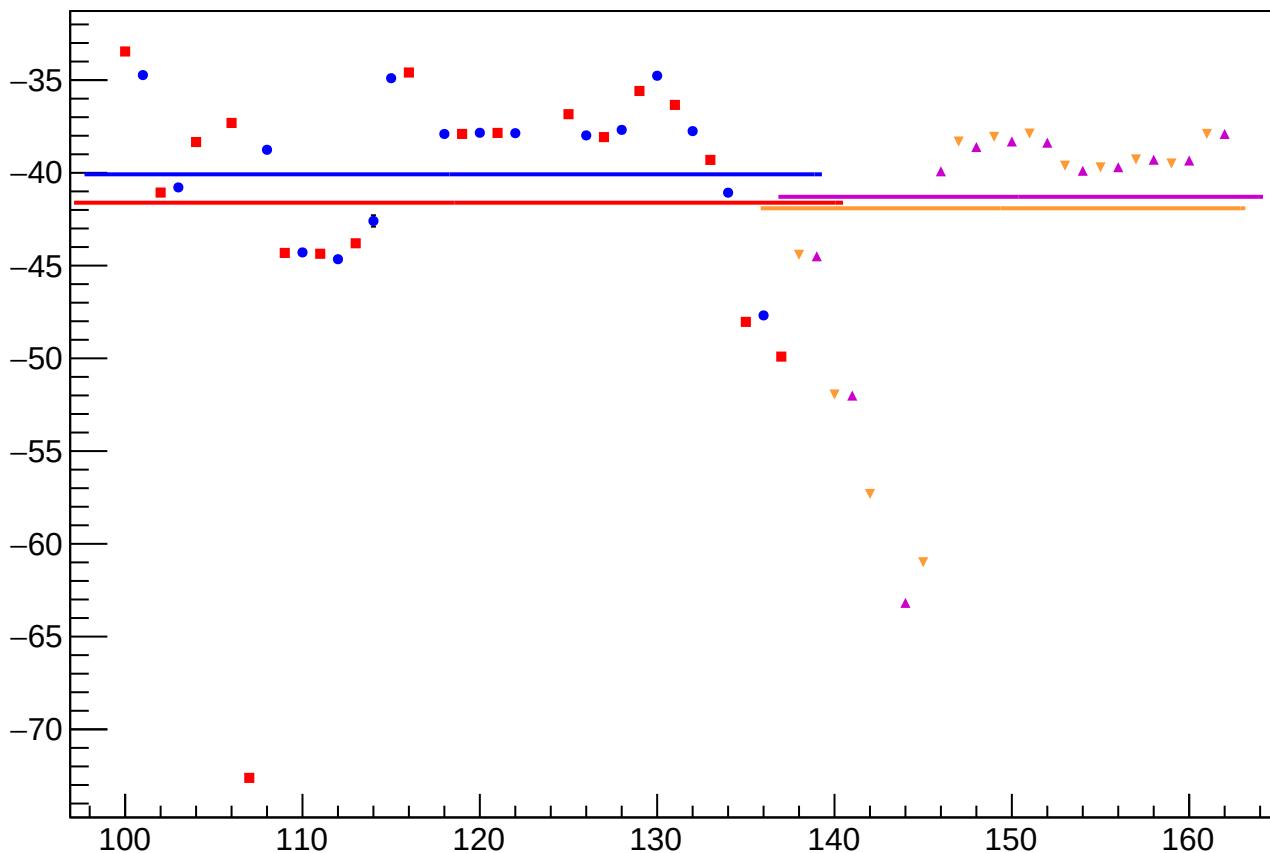
Right: 9.088 $\pm$ 0.359 χ^2 /NDF: 1288.6/33

In: 13.995 $\pm$ 0.307 χ^2 /NDF: 1166.0/27

Out: 12.772 $\pm$ 0.319 χ^2 /NDF: 1204.9/29

All: 13.405 $\pm$ 0.221 χ^2 /NDF: 2378.6/57

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -41.911 ± 0.020 χ^2/NDF : 109706.6/11

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

Left In: -41.292 ± 0.019 χ^2/NDF : 92615.7/11

Left: -41.586 ± 0.014 χ^2/NDF : 202837.7/23

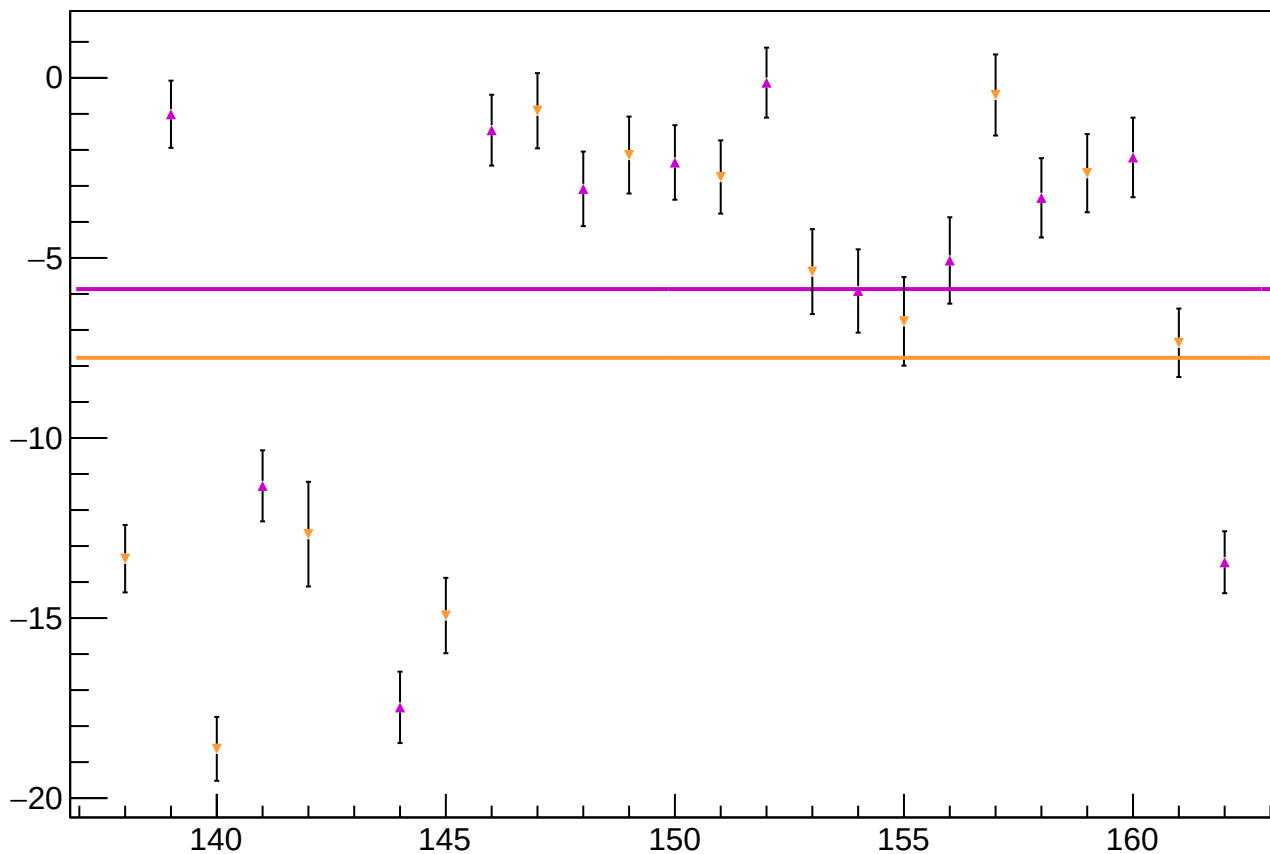
Right: -40.834 ± 0.020 χ^2/NDF : 88360.5/33

In: -40.919 ± 0.016 χ^2/NDF : 119019.9/27

Out: -41.813 ± 0.016 χ^2/NDF : 171566.4/29

All: -41.349 ± 0.011 χ^2/NDF : 292158.2/57

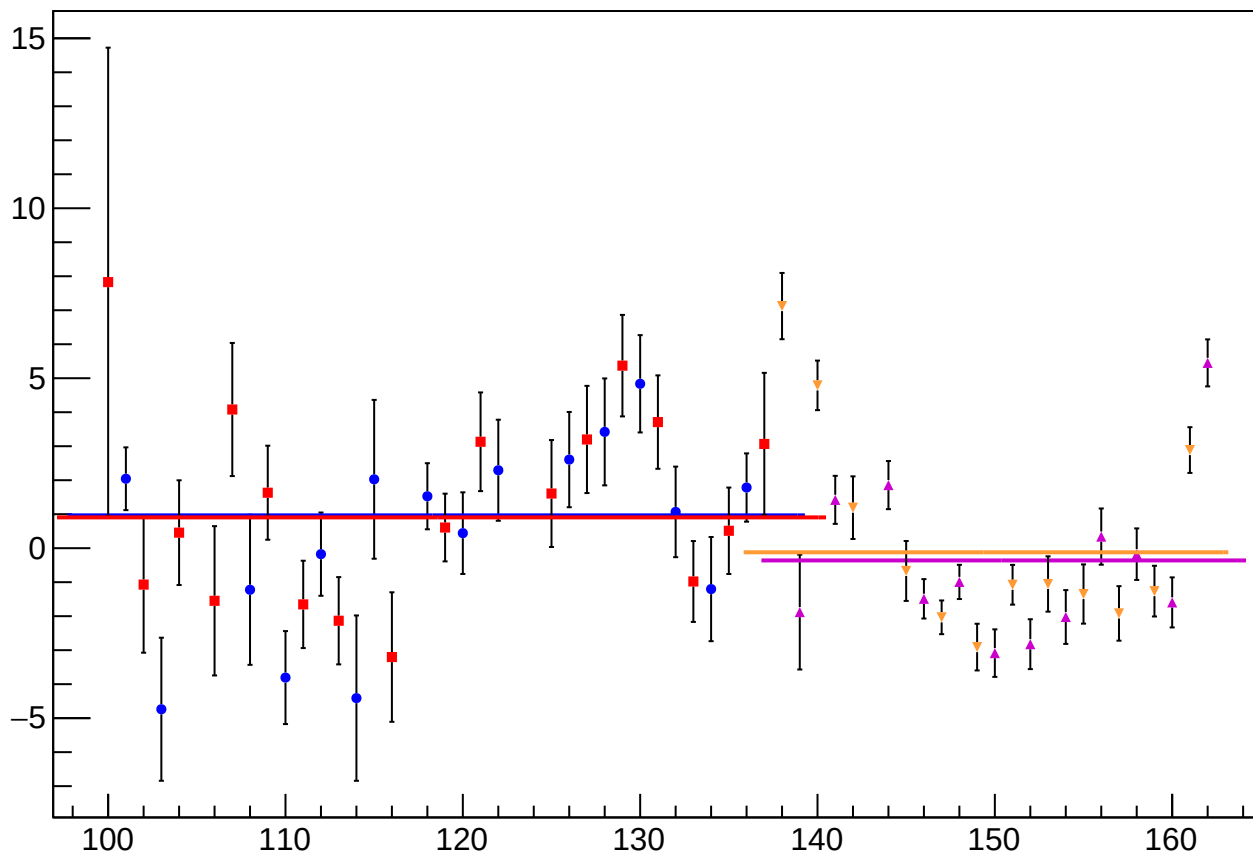
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.773 $\pm$ 0.306 χ^2 /NDF:408.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.864 $\pm$ 0.294 χ^2 /NDF:363.3/11

Left: -6.780 $\pm$ 0.212 χ^2 /NDF: 791.8/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.864 $\pm$ 0.294 χ^2 /NDF:363.3/11
 Out: -7.773 $\pm$ 0.306 χ^2 /NDF:408.2/11
 All: -6.780 $\pm$ 0.212 χ^2 /NDF: 791.8/23

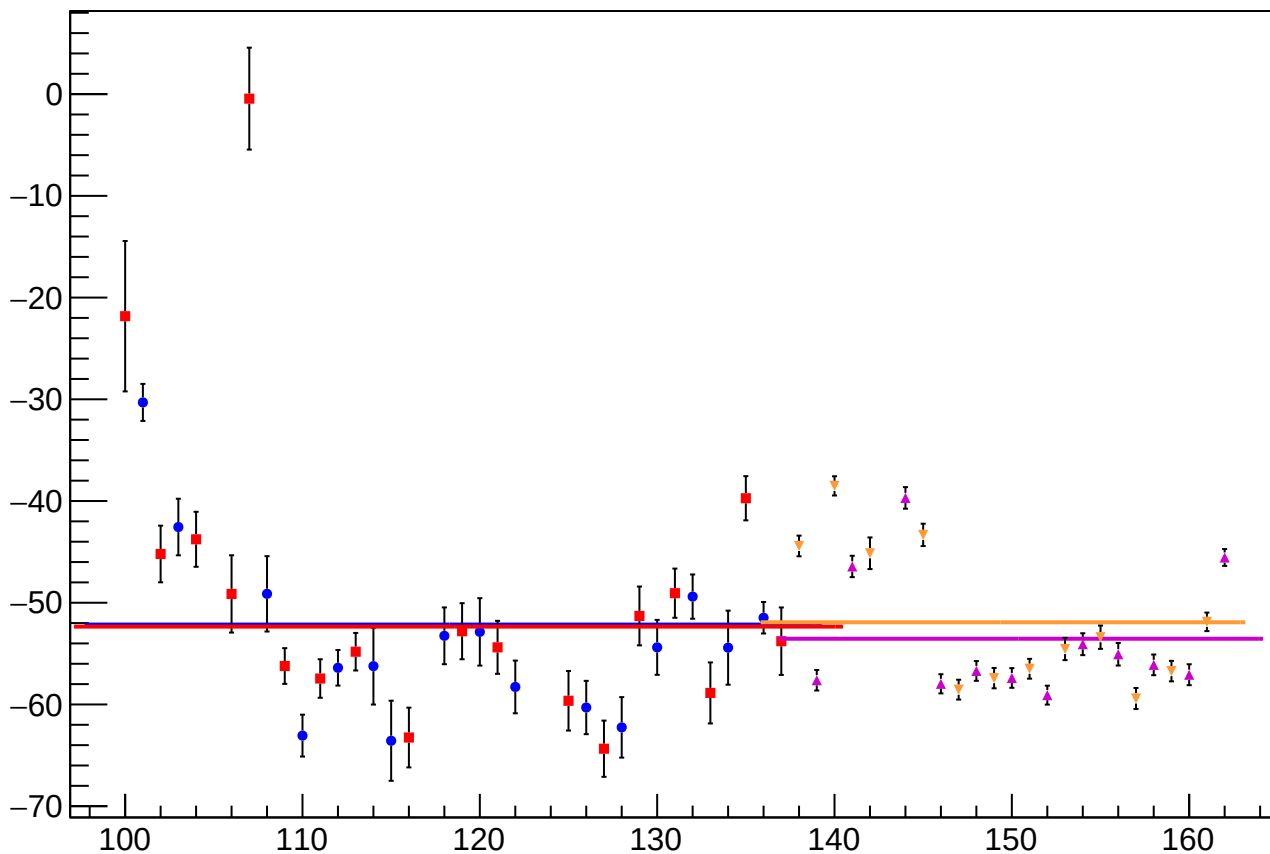
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 $\chi^2/\text{NDF}: 42.9/15$
 Left Out: -0.121 ± 0.209 $\chi^2/\text{NDF}: 167.8/11$
 Right Out: 0.906 ± 0.354 $\chi^2/\text{NDF}: 42.0/17$
 Left In: -0.360 ± 0.204 $\chi^2/\text{NDF}: 127.4/11$

Left: -0.243 ± 0.146 $\chi^2/\text{NDF}: 295.9/23$
 Right: 0.937 ± 0.244 $\chi^2/\text{NDF}: 84.9/33$
 In: -0.005 ± 0.175 $\chi^2/\text{NDF}: 181.6/27$
 Out: 0.145 ± 0.180 $\chi^2/\text{NDF}: 216.0/29$
 All: 0.068 ± 0.125 $\chi^2/\text{NDF}: 398.0/57$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -51.921 ± 0.299 χ^2/NDF : 517.1/11

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

Left In: -53.539 ± 0.286 χ^2/NDF : 430.3/11

Left: -52.768 ± 0.207 χ^2/NDF : 962.8/23

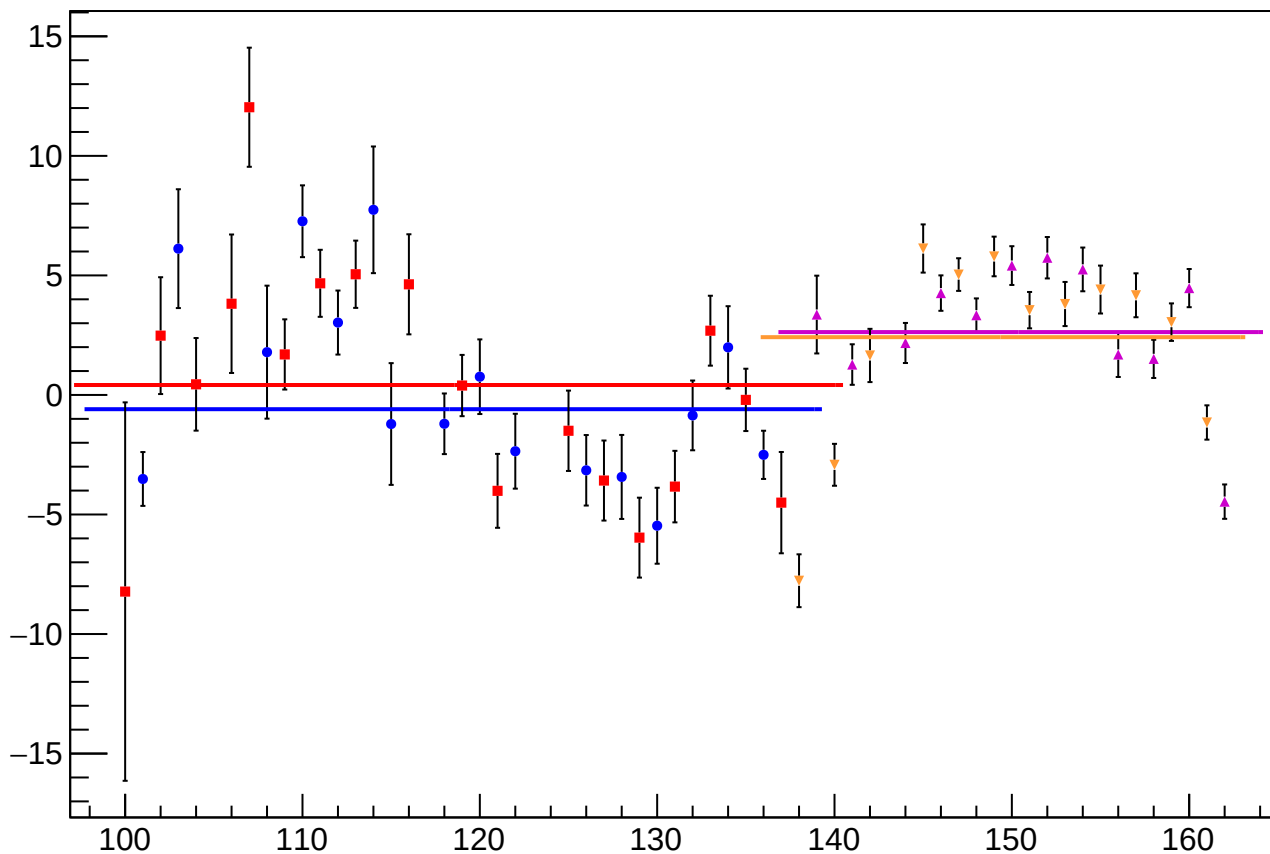
Right: -52.246 ± 0.434 χ^2/NDF : 466.0/33

In: -53.290 ± 0.259 χ^2/NDF : 664.8/27

Out: -52.002 ± 0.269 χ^2/NDF : 753.2/29

All: -52.671 ± 0.187 χ^2/NDF : 1429.9/57

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596±/0.384 χ^2/NDF : 82.6/15

Left Out: 2.417±/0.249 χ^2/NDF :204.8/11

Right Out: 0.416±/0.400 χ^2/NDF : 95.8/17

Left In: 2.629±/0.241 χ^2/NDF :147.3/11

Left: 2.527±/0.173 χ^2/NDF : 352.5/23

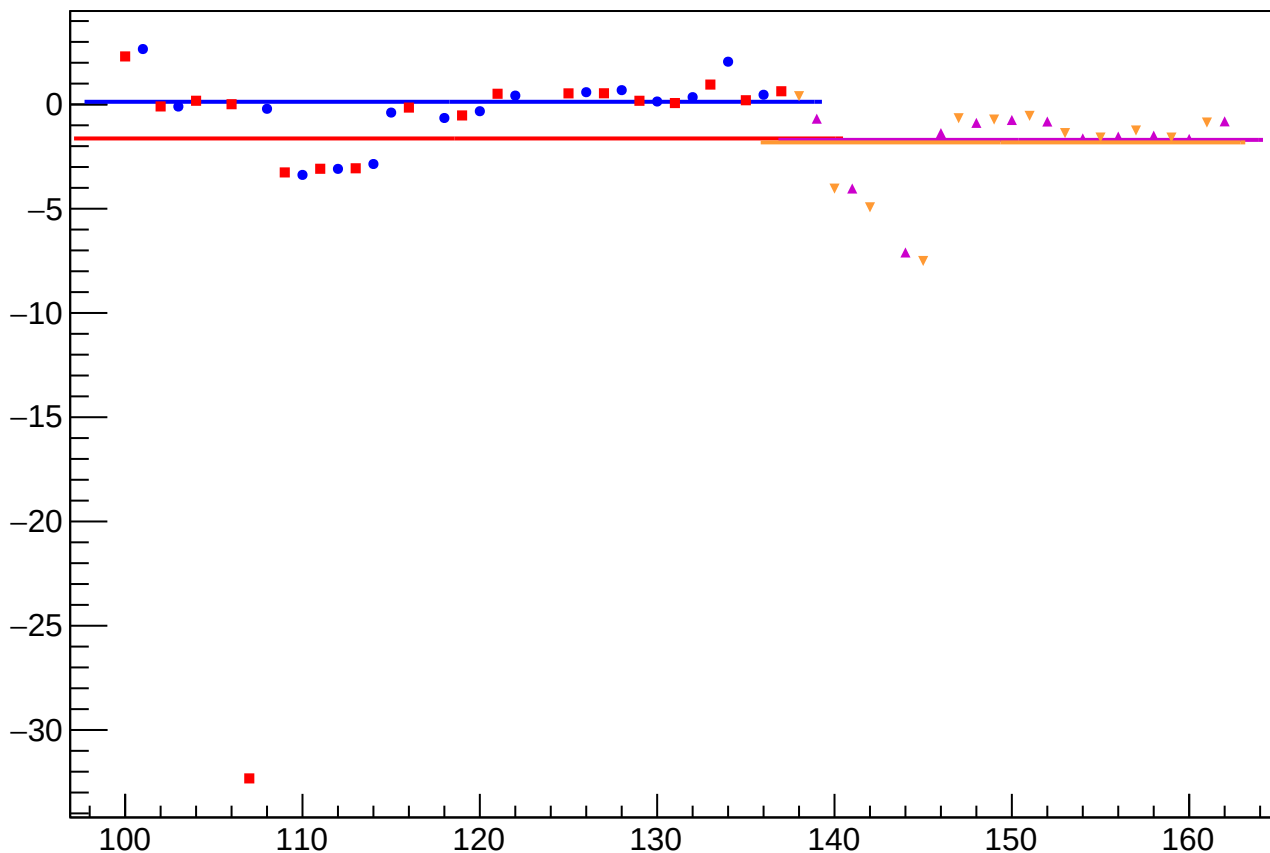
Right: -0.111±/0.277 χ^2/NDF : 181.7/33

In: 1.720±/0.204 χ^2/NDF :280.6/27

Out: 1.858±/0.211 χ^2/NDF :318.7/29

All: 1.786±/0.147 χ^2/NDF : 599.5/57

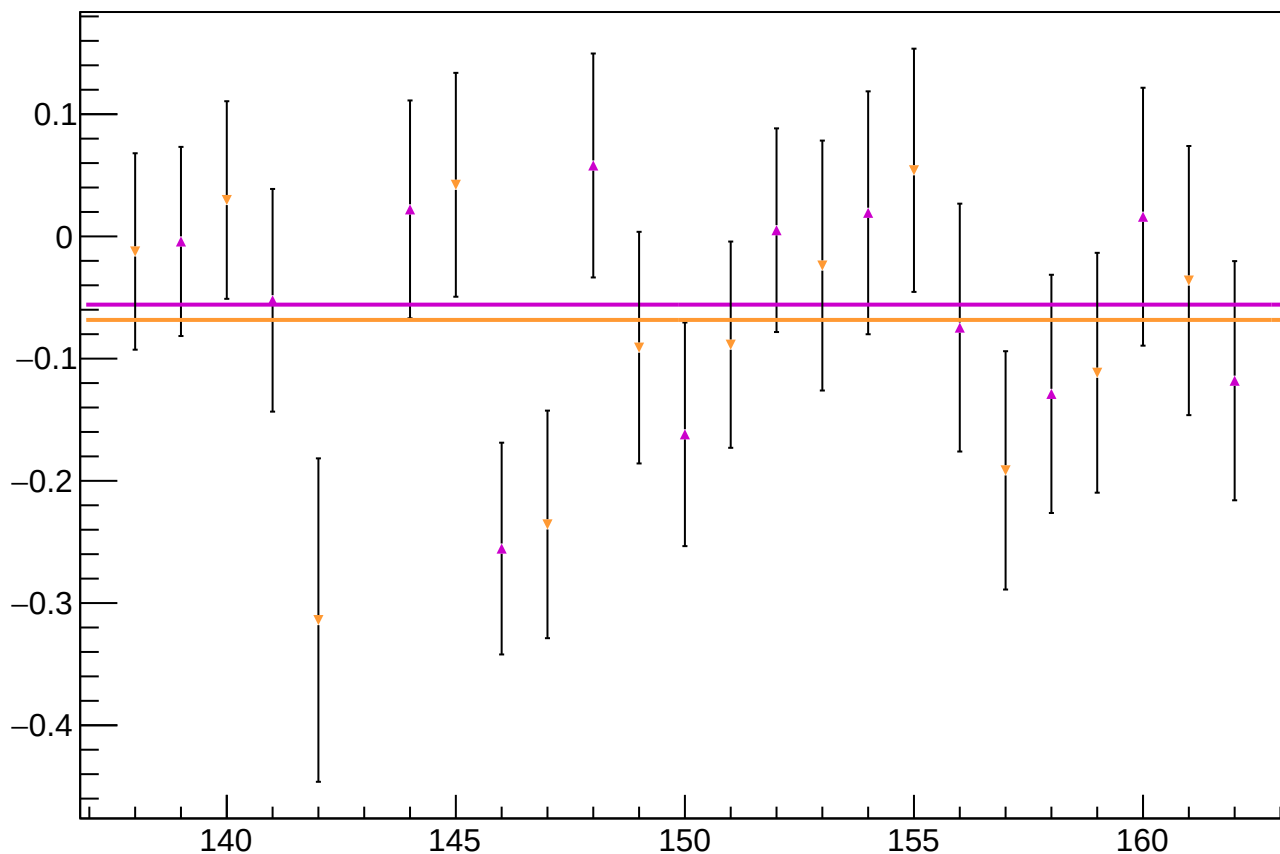
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$
 Left Out: -1.819 ± 0.012 $\chi^2/\text{NDF}: 29307.5/11$
 Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$
 Left In: -1.699 ± 0.011 $\chi^2/\text{NDF}: 19771.0/11$

Left: -1.756 ± 0.008 $\chi^2/\text{NDF}: 49134.5/23$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86433.1/33$
 In: -1.312 ± 0.010 $\chi^2/\text{NDF}: 30719.2/27$
 Out: -1.777 ± 0.010 $\chi^2/\text{NDF}: 107244.1/29$
 All: -1.536 ± 0.007 $\chi^2/\text{NDF}: 139025.7/57$

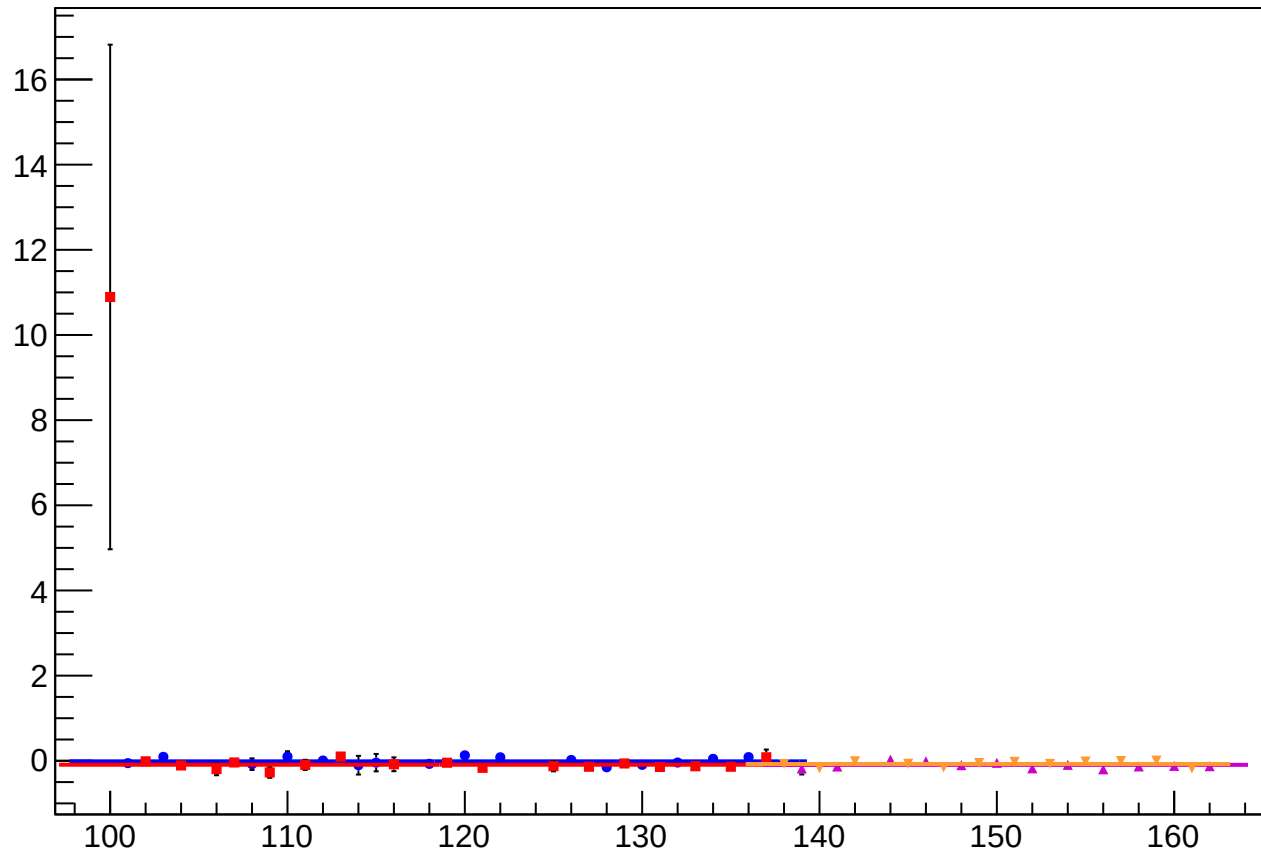
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.068 $\pm$ 0.027 χ^2 /NDF:13.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11

Left: -0.062 $\pm$ 0.019 χ^2 /NDF: 25.9/23
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11
 Out: -0.068 $\pm$ 0.027 χ^2 /NDF:13.8/11
 All: -0.062 $\pm$ 0.019 χ^2 /NDF: 25.9/23

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.075 ± 0.019 χ^2/NDF : 12.1/11

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

Left In: -0.096 ± 0.018 χ^2/NDF : 12.2/11

Left: -0.086 ± 0.013 χ^2/NDF : 24.9/23

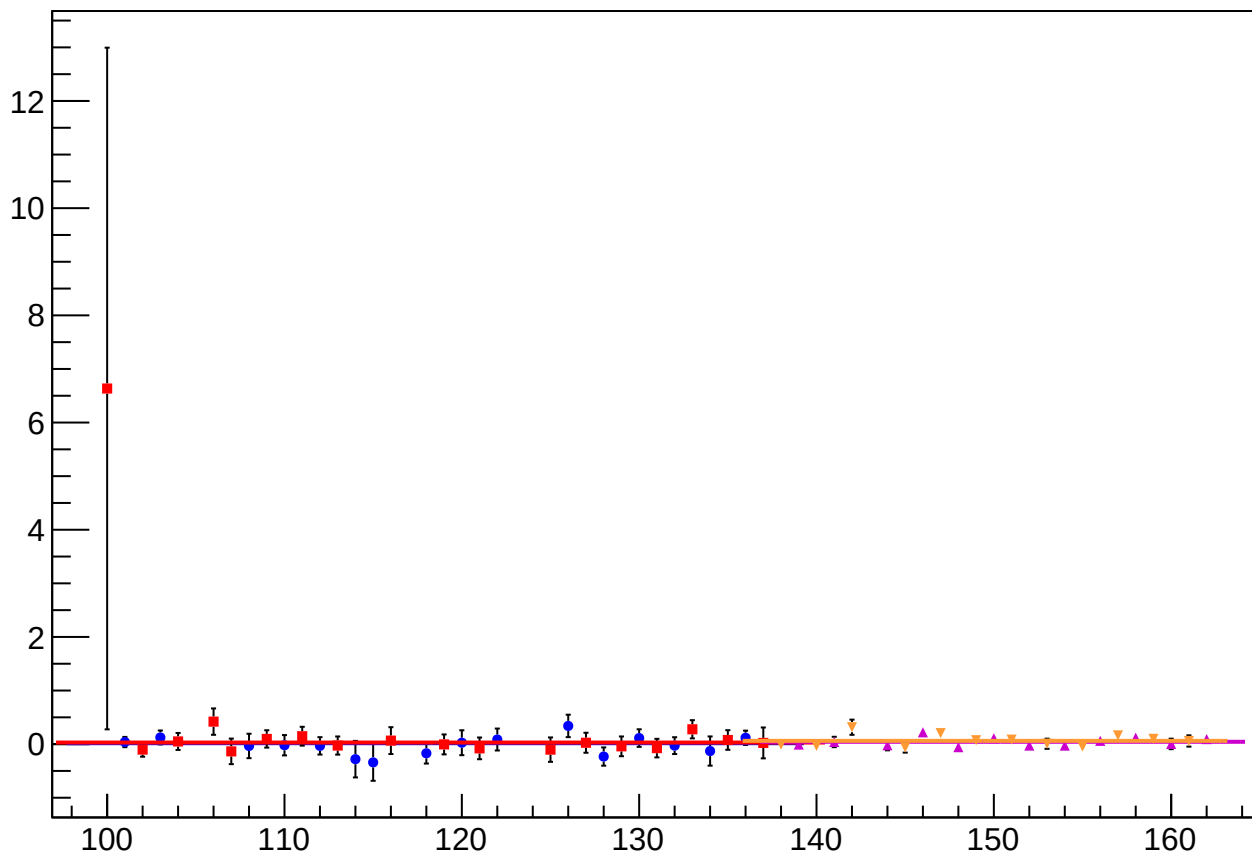
Right: -0.050 ± 0.017 χ^2/NDF : 30.3/33

In: -0.064 ± 0.014 χ^2/NDF : 32.2/27

Out: -0.081 ± 0.015 χ^2/NDF : 25.0/29

All: -0.072 ± 0.010 χ^2/NDF : 58.0/57

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.061 $\pm$ 0.027 χ^2 /NDF:12.7/11

Right Out: 0.030 $\pm$ 0.045 χ^2 /NDF: 9.2/17

Left In: 0.044 $\pm$ 0.026 χ^2 /NDF:9.9/11

Left: 0.052 $\pm$ 0.019 χ^2 /NDF: 22.8/23

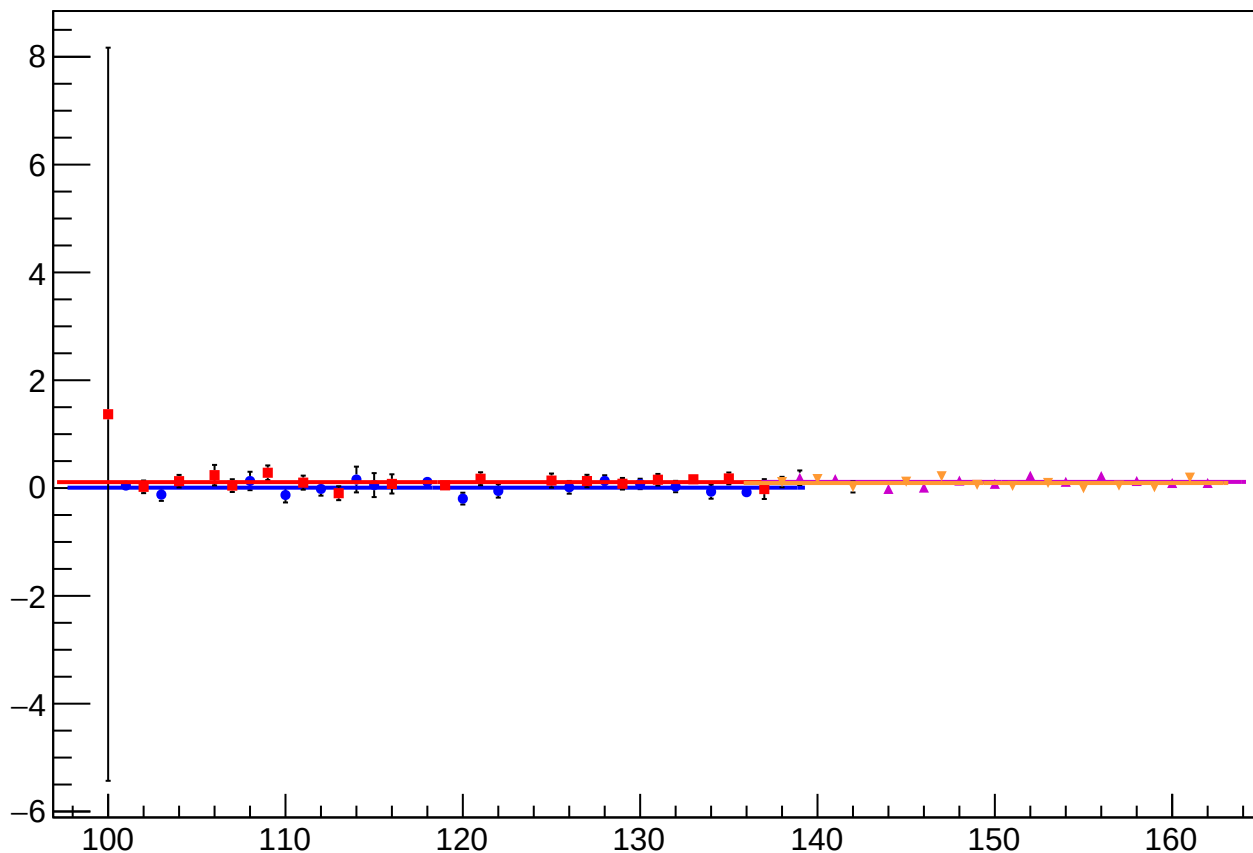
Right: 0.023 $\pm$ 0.031 χ^2 /NDF: 18.9/33

In: 0.037 $\pm$ 0.022 χ^2 /NDF:19.8/27

Out: 0.053 $\pm$ 0.023 χ^2 /NDF:22.3/29

All: 0.045 $\pm$ 0.016 χ^2 /NDF: 42.4/57

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.093 $\pm$ 0.022 χ^2 /NDF:11.2/11

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

Left In: 0.114 $\pm$ 0.022 χ^2 /NDF:11.1/11

Left: 0.104 $\pm$ 0.016 χ^2 /NDF: 22.7/23

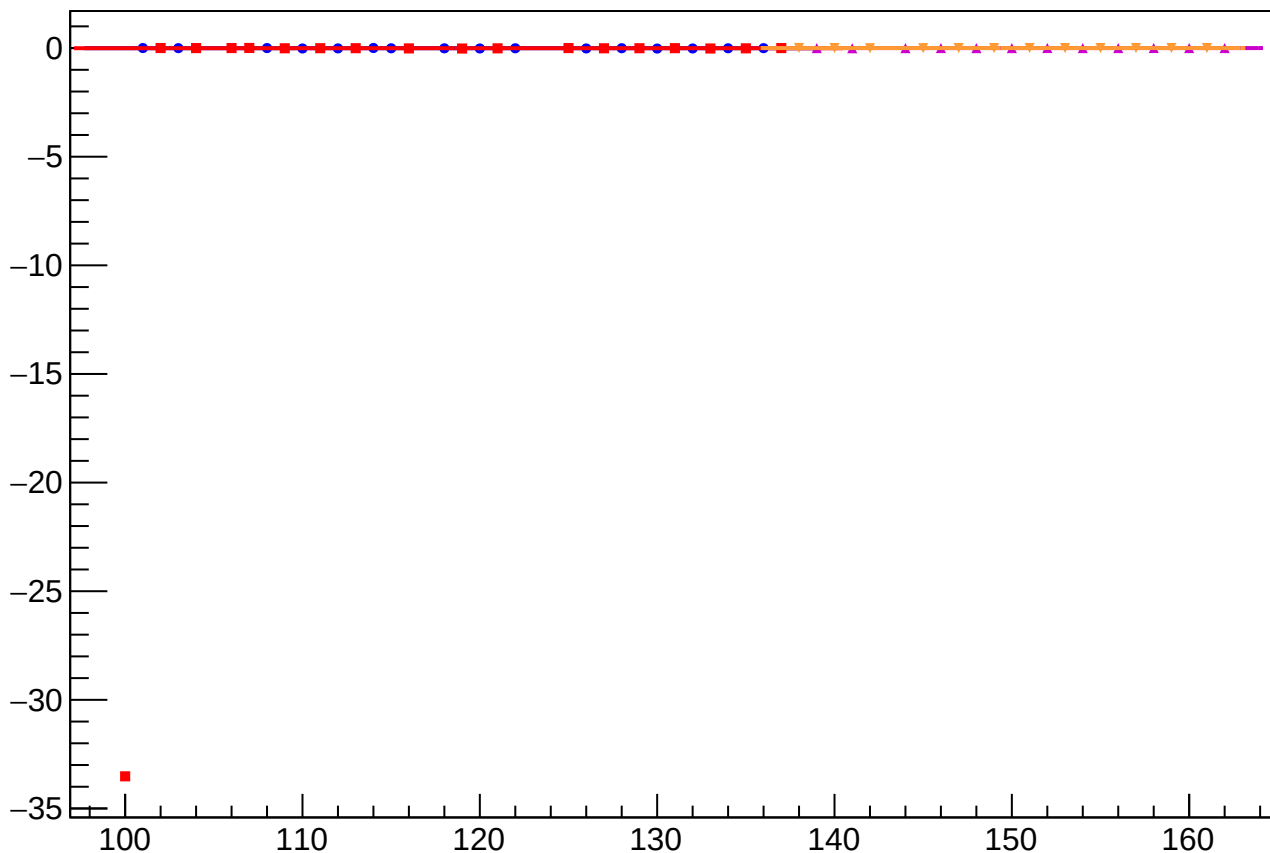
Right: 0.055 $\pm$ 0.020 χ^2 /NDF: 27.0/33

In: 0.072 $\pm$ 0.017 χ^2 /NDF:32.7/27

Out: 0.099 $\pm$ 0.018 χ^2 /NDF:19.3/29

All: 0.085 $\pm$ 0.012 χ^2 /NDF: 53.4/57

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 7.3/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/11

Left: 0.001 ± 0.001 χ^2/NDF : 15.2/23

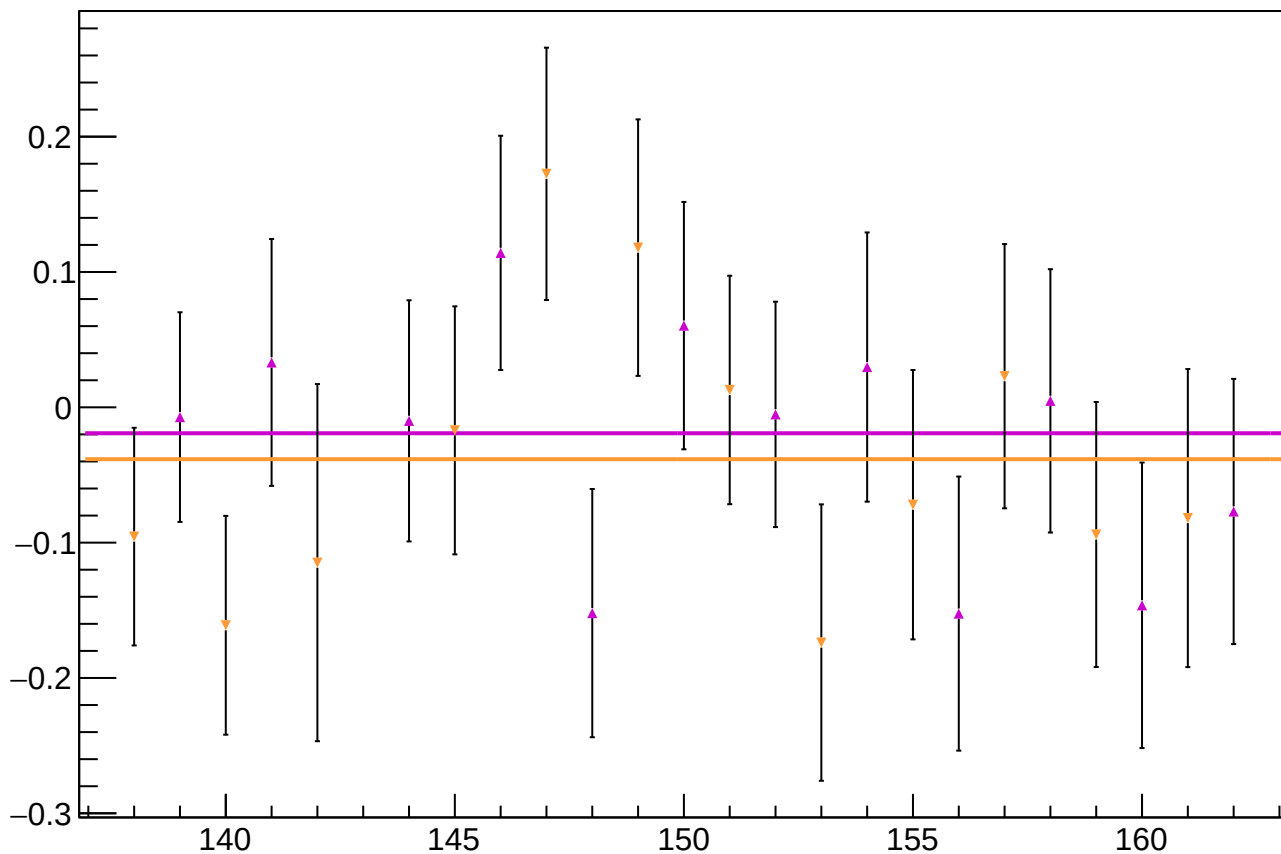
Right: -0.006 ± 0.001 χ^2/NDF : 26531.6/33

In: -0.002 ± 0.001 χ^2/NDF : 40.3/27

Out: -0.001 ± 0.001 χ^2/NDF : 26531.9/29

All: -0.001 ± 0.001 χ^2/NDF : 26572.3/57

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: -0.038 $\pm$ 0.027 χ^2 /NDF:14.2/11

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

Left In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Left: -0.028 $\pm$ 0.019 χ^2 /NDF: 23.9/23

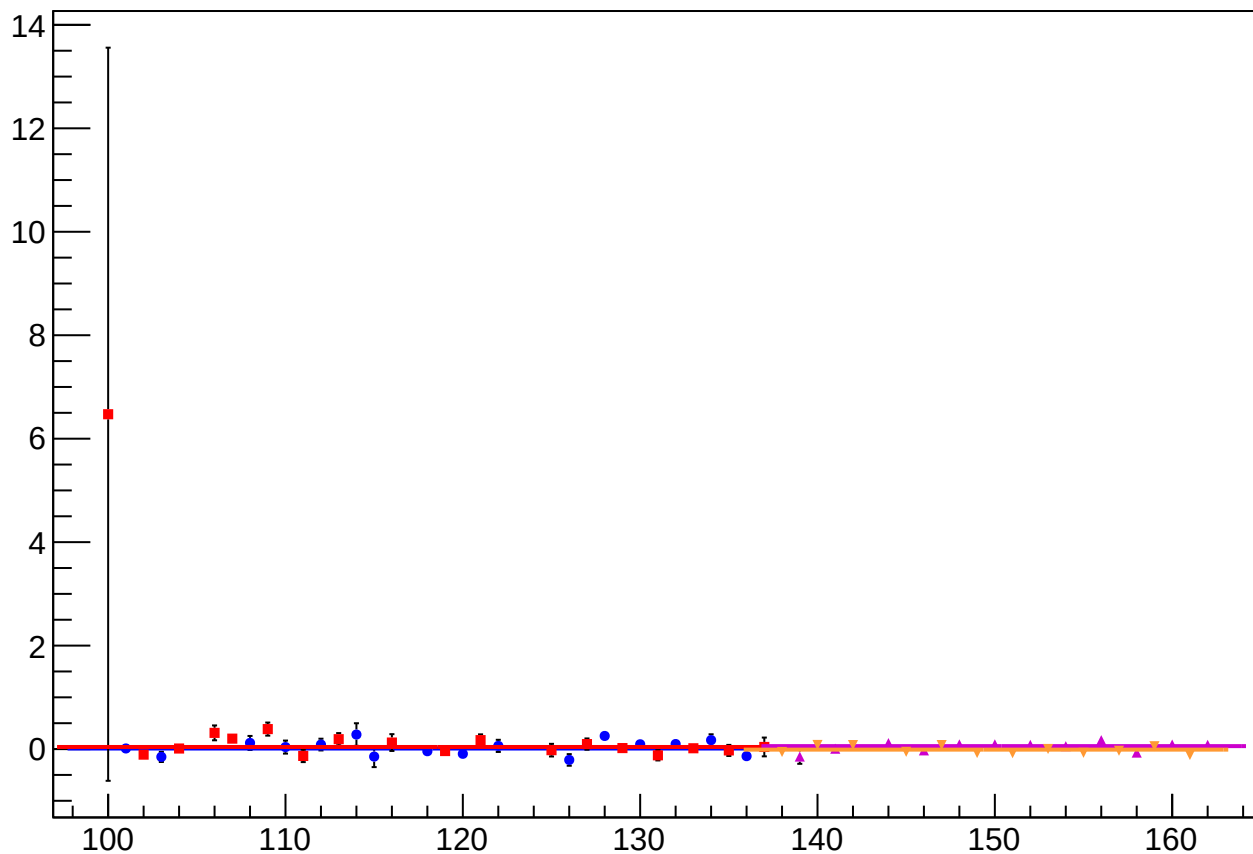
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Out: -0.038 $\pm$ 0.027 χ^2 /NDF:14.2/11

All: -0.028 $\pm$ 0.019 χ^2 /NDF: 23.9/23

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: -0.011 $\pm$ 0.019 χ^2 /NDF:14.3/11

Right Out: 0.040 $\pm$ 0.025 χ^2 /NDF: 27.9/17

Left In: 0.057 $\pm$ 0.018 χ^2 /NDF:13.6/11

Left: 0.023 $\pm$ 0.013 χ^2 /NDF: 34.6/23

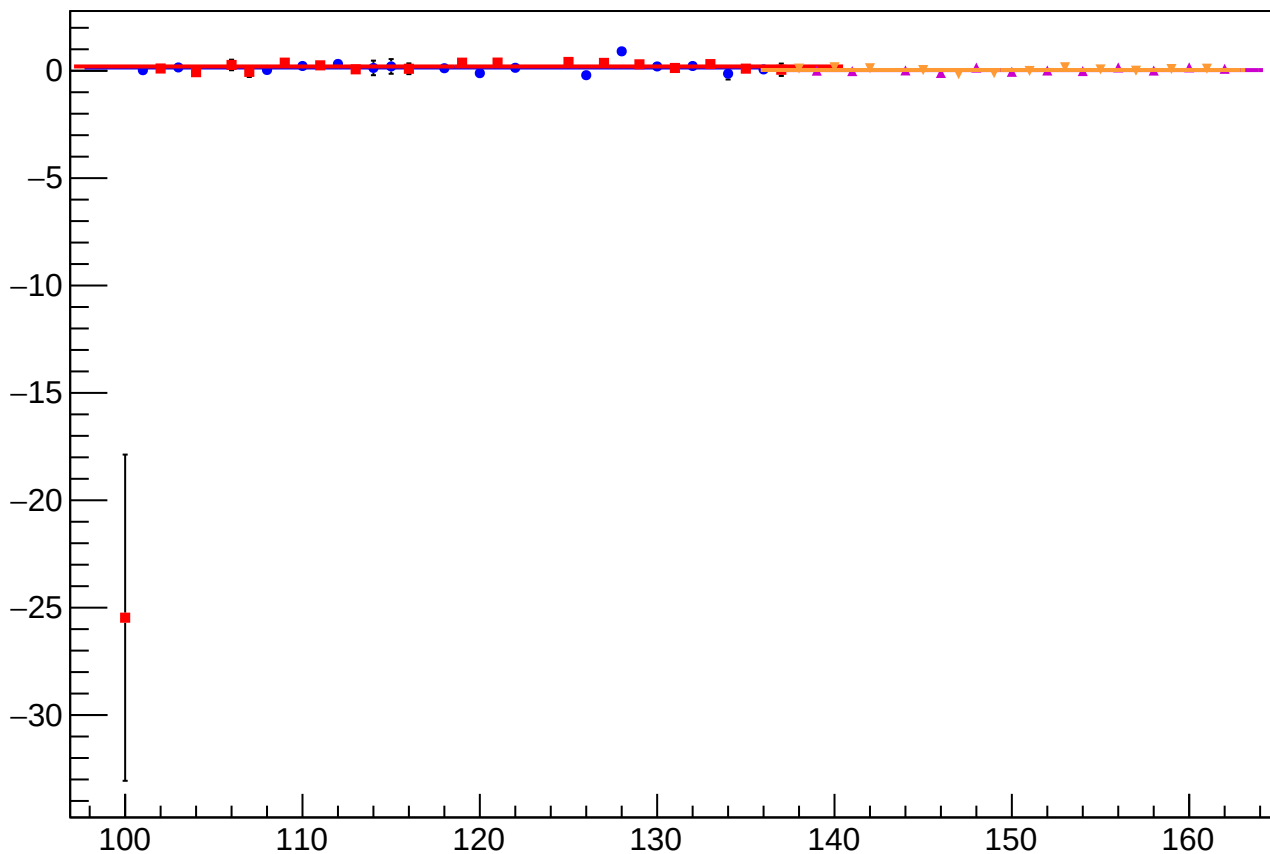
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 54.1/33

In: 0.039 $\pm$ 0.014 χ^2 /NDF:41.5/27

Out: 0.008 $\pm$ 0.015 χ^2 /NDF:45.0/29

All: 0.024 $\pm$ 0.010 χ^2 /NDF: 88.8/57

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.036 $\pm$ 0.027 χ^2 /NDF:13.7/11

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

Left In: 0.031 $\pm$ 0.026 χ^2 /NDF:9.9/11

Left: 0.033 $\pm$ 0.019 χ^2 /NDF: 23.6/23

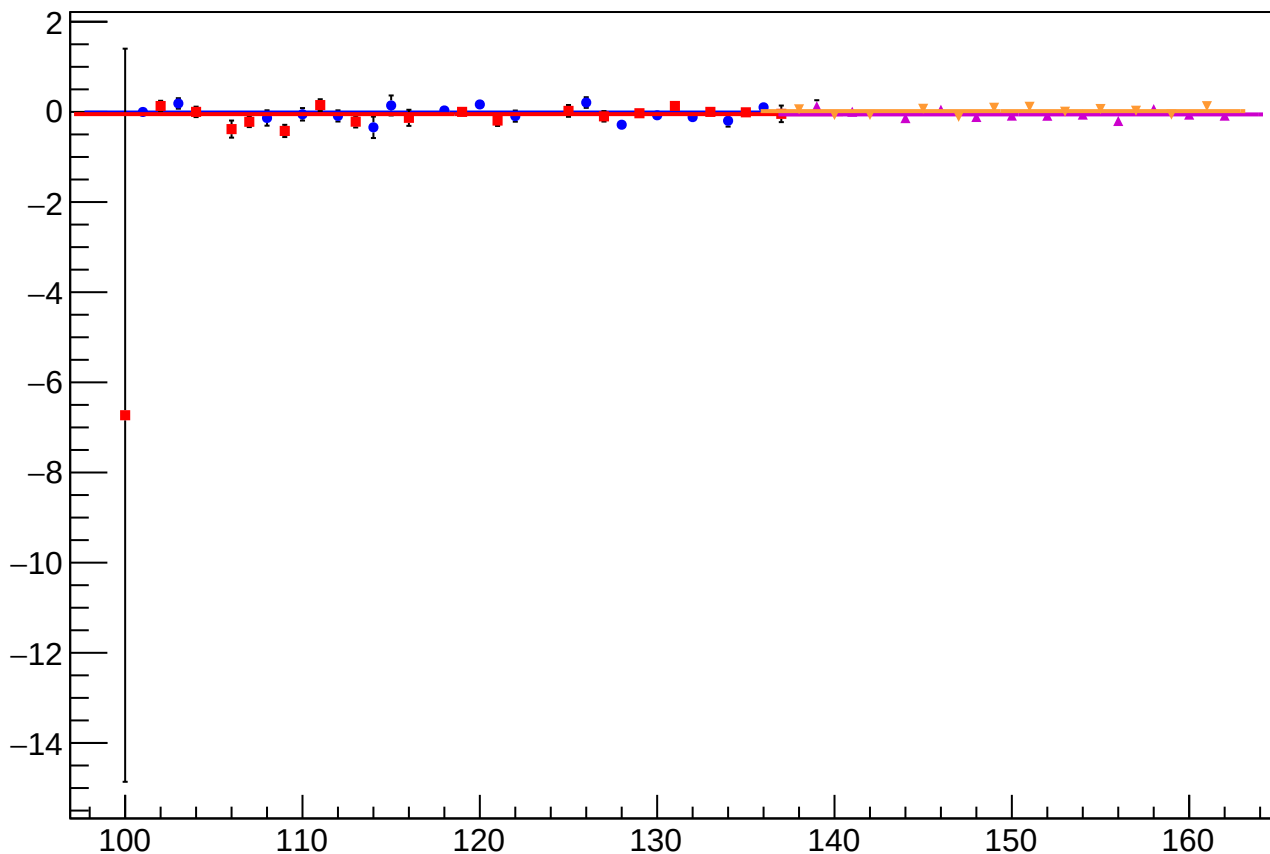
Right: 0.175 $\pm$ 0.031 χ^2 /NDF: 52.2/33

In: 0.063 $\pm$ 0.022 χ^2 /NDF:44.5/27

Out: 0.079 $\pm$ 0.023 χ^2 /NDF:46.5/29

All: 0.071 $\pm$ 0.016 χ^2 /NDF: 91.3/57

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.027 χ^2 /NDF: 25.2/15

Left Out: 0.017 $\pm$ 0.022 χ^2 /NDF:13.4/11

Right Out: -0.050 $\pm$ 0.029 χ^2 /NDF: 25.7/17

Left In: -0.056 $\pm$ 0.022 χ^2 /NDF:13.4/11

Left: -0.020 $\pm$ 0.016 χ^2 /NDF: 32.3/23

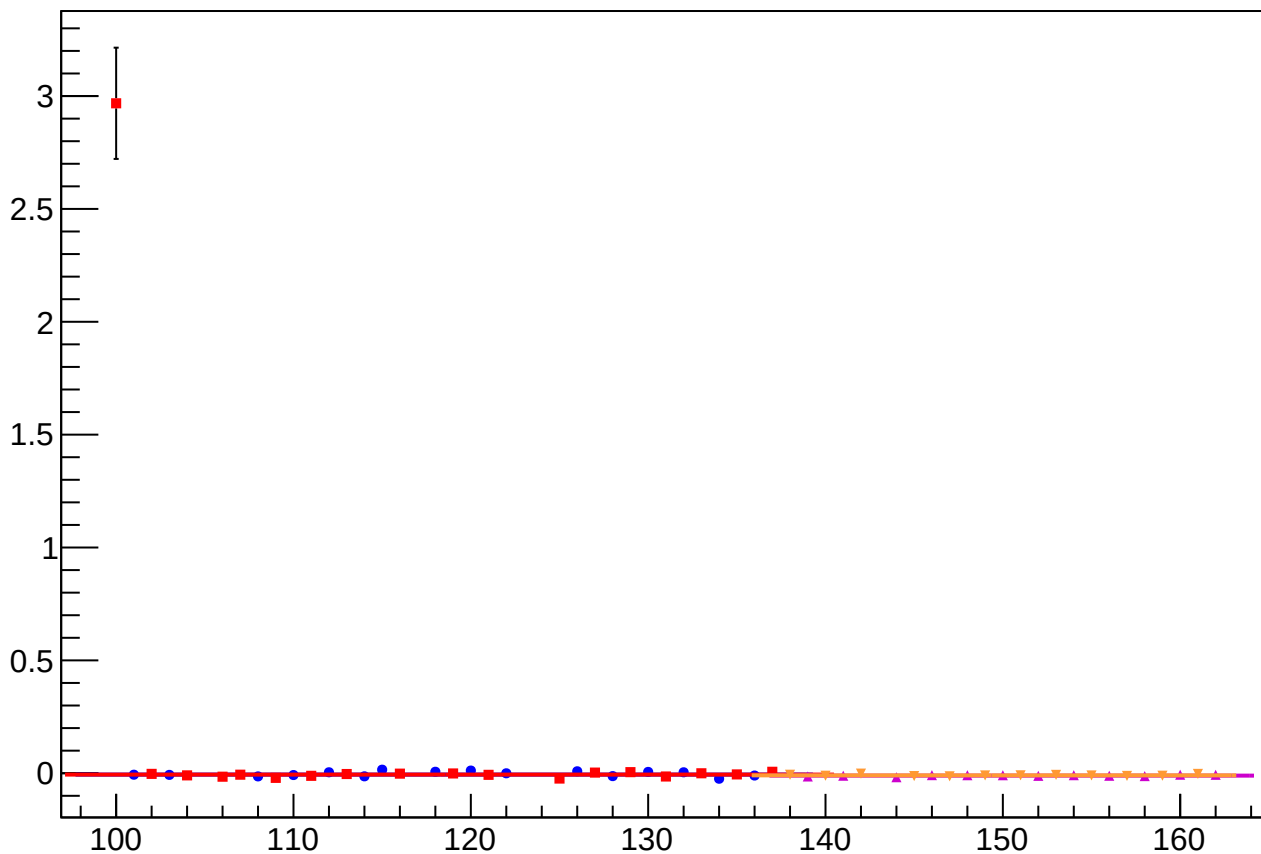
Right: -0.031 $\pm$ 0.020 χ^2 /NDF: 51.8/33

In: -0.039 $\pm$ 0.017 χ^2 /NDF:40.1/27

Out: -0.008 $\pm$ 0.018 χ^2 /NDF:42.6/29

All: -0.024 $\pm$ 0.012 χ^2 /NDF: 84.2/57

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 29.0/15

Left Out: -0.009+/-0.001 χ^2 /NDF:8.5/11

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.9/17

Left In: -0.011+/-0.001 χ^2 /NDF:8.4/11

Left: -0.010+/-0.001 χ^2 /NDF: 17.6/23

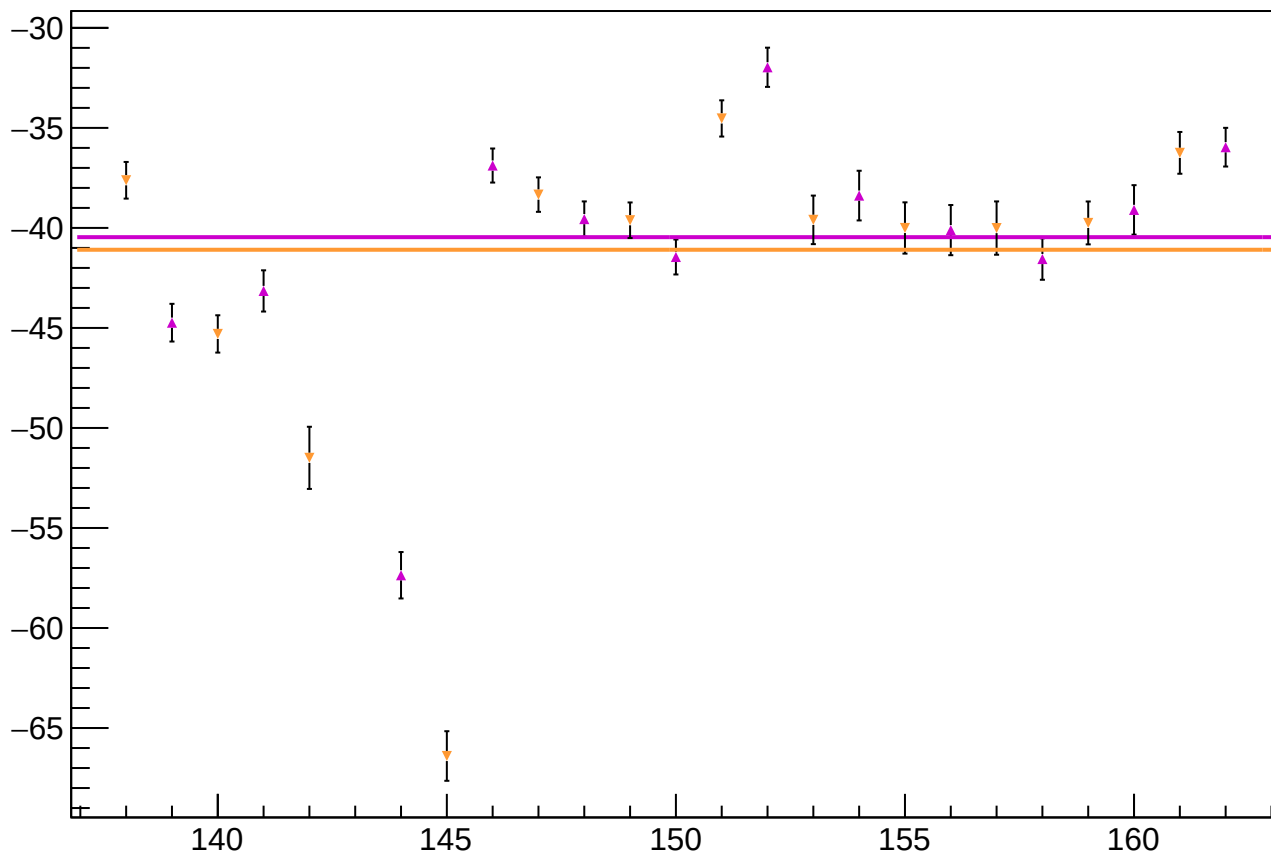
Right: -0.006+/-0.001 χ^2 /NDF: 194.8/33

In: -0.009+/-0.001 χ^2 /NDF:44.2/27

Out: -0.008+/-0.001 χ^2 /NDF:178.0/29

All: -0.009+/-0.001 χ^2 /NDF: 222.7/57

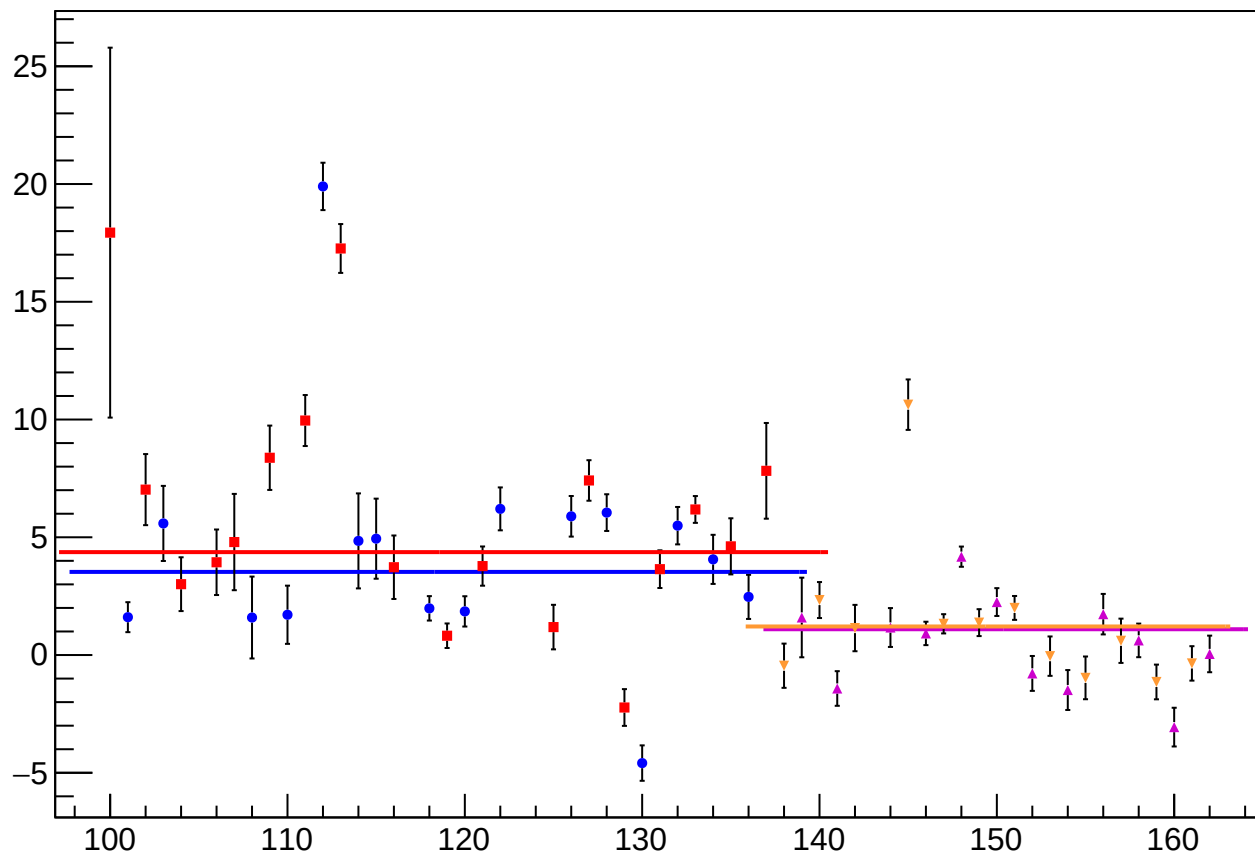
reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.092+/-0.303 χ^2/NDF :587.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.462+/-0.292 χ^2/NDF :361.4/11

Left: -40.765+/-0.210 χ^2/NDF : 951.5/23
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.462+/-0.292 χ^2/NDF :361.4/11
 Out: -41.092+/-0.303 χ^2/NDF :587.9/11
 All: -40.765+/-0.210 χ^2/NDF : 951.5/23

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.212 ± 0.199 $\chi^2/\text{NDF}: 108.5/11$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

Left In: 1.095 ± 0.197 $\chi^2/\text{NDF}: 111.4/11$

Left: 1.153 ± 0.140 $\chi^2/\text{NDF}: 220.0/23$

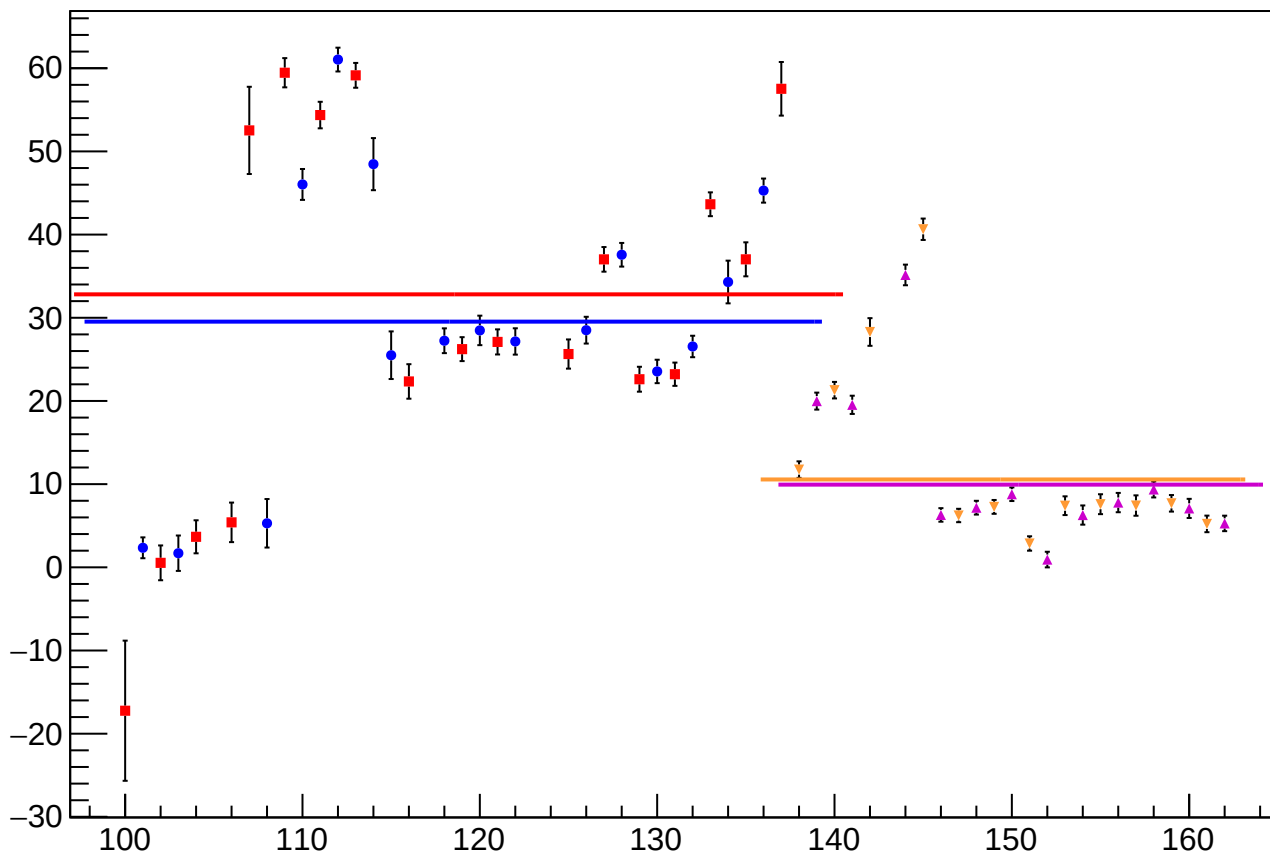
Right: 3.934 ± 0.156 $\chi^2/\text{NDF}: 807.6/33$

In: 2.195 ± 0.146 $\chi^2/\text{NDF}: 626.8/27$

Out: 2.598 ± 0.149 $\chi^2/\text{NDF}: 572.4/29$

All: 2.392 ± 0.104 $\chi^2/\text{NDF}: 1202.9/57$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 10.562 $\pm$ 0.295 χ^2 /NDF: 960.0/11

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

Left In: 9.941 $\pm$ 0.283 χ^2 /NDF: 756.5/11

Left: 10.238 $\pm$ 0.204 χ^2 /NDF: 1718.8/23

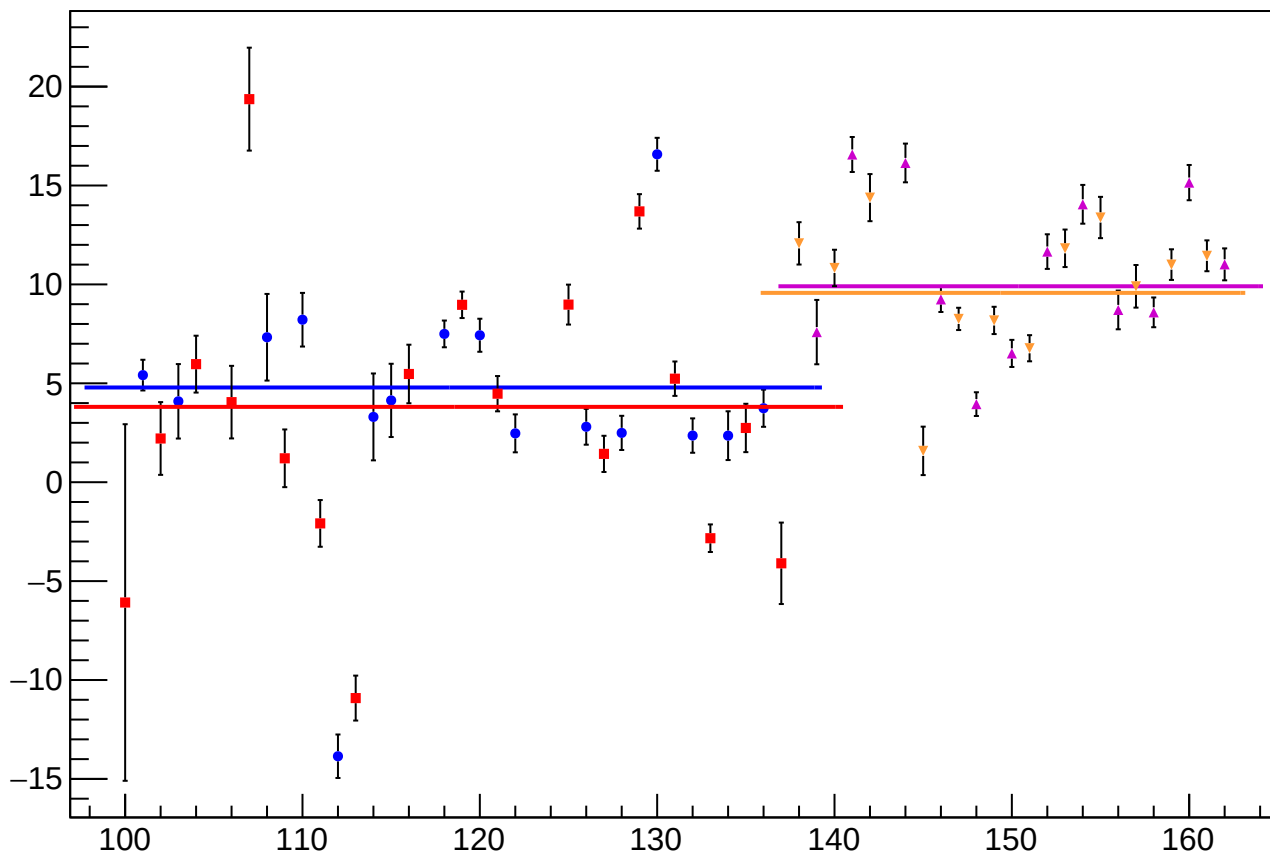
Right: 31.152 $\pm$ 0.297 χ^2 /NDF: 3184.7/33

In: 16.110 $\pm$ 0.234 χ^2 /NDF: 3765.8/27

Out: 17.849 $\pm$ 0.242 χ^2 /NDF: 4482.2/29

All: 16.950 $\pm$ 0.168 χ^2 /NDF: 8274.7/57

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.572 ± 0.241 χ^2/NDF : 121.9/11

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

Left In: 9.906 ± 0.235 χ^2/NDF : 286.6/11

Left: 9.743 ± 0.169 χ^2/NDF : 409.5/23

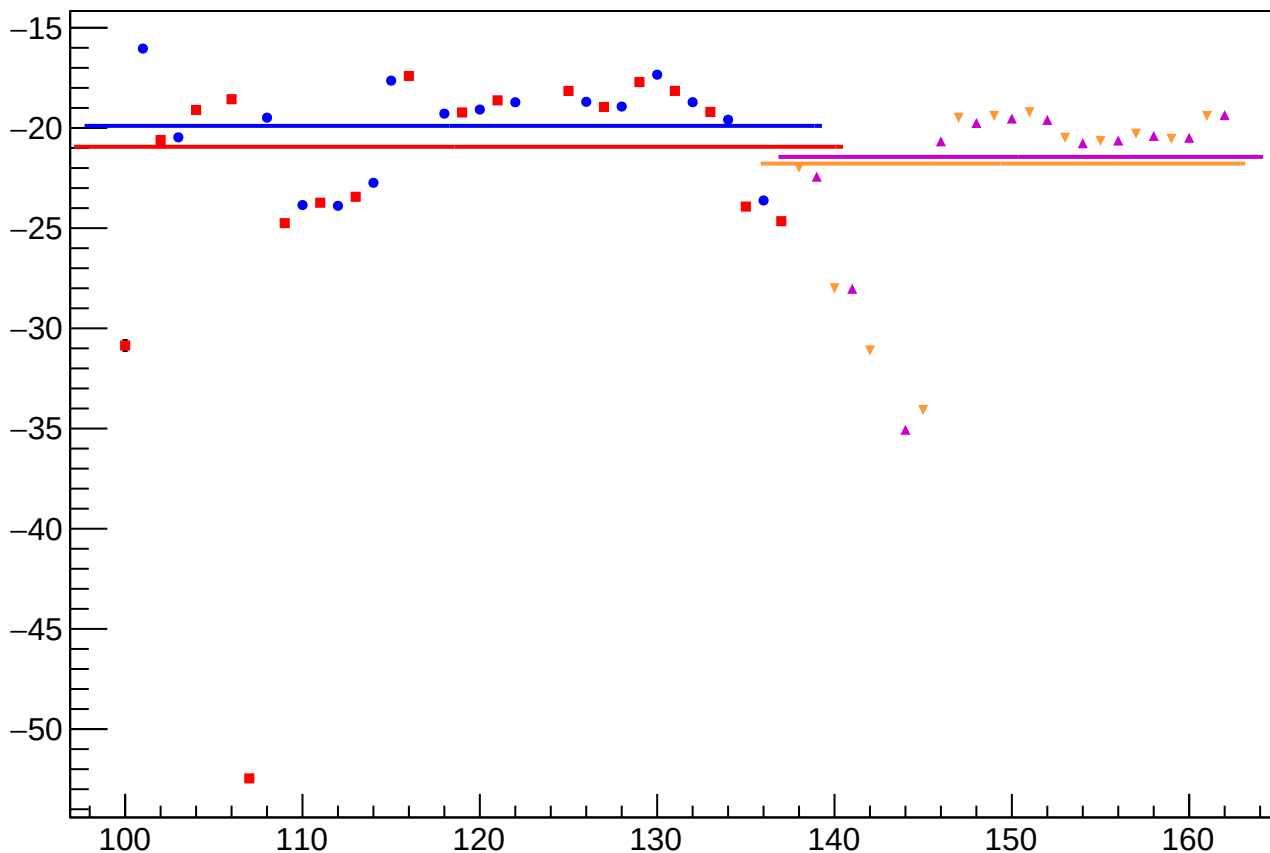
Right: 4.313 ± 0.180 χ^2/NDF : 1128.9/33

In: 7.513 ± 0.172 χ^2/NDF : 1061.3/27

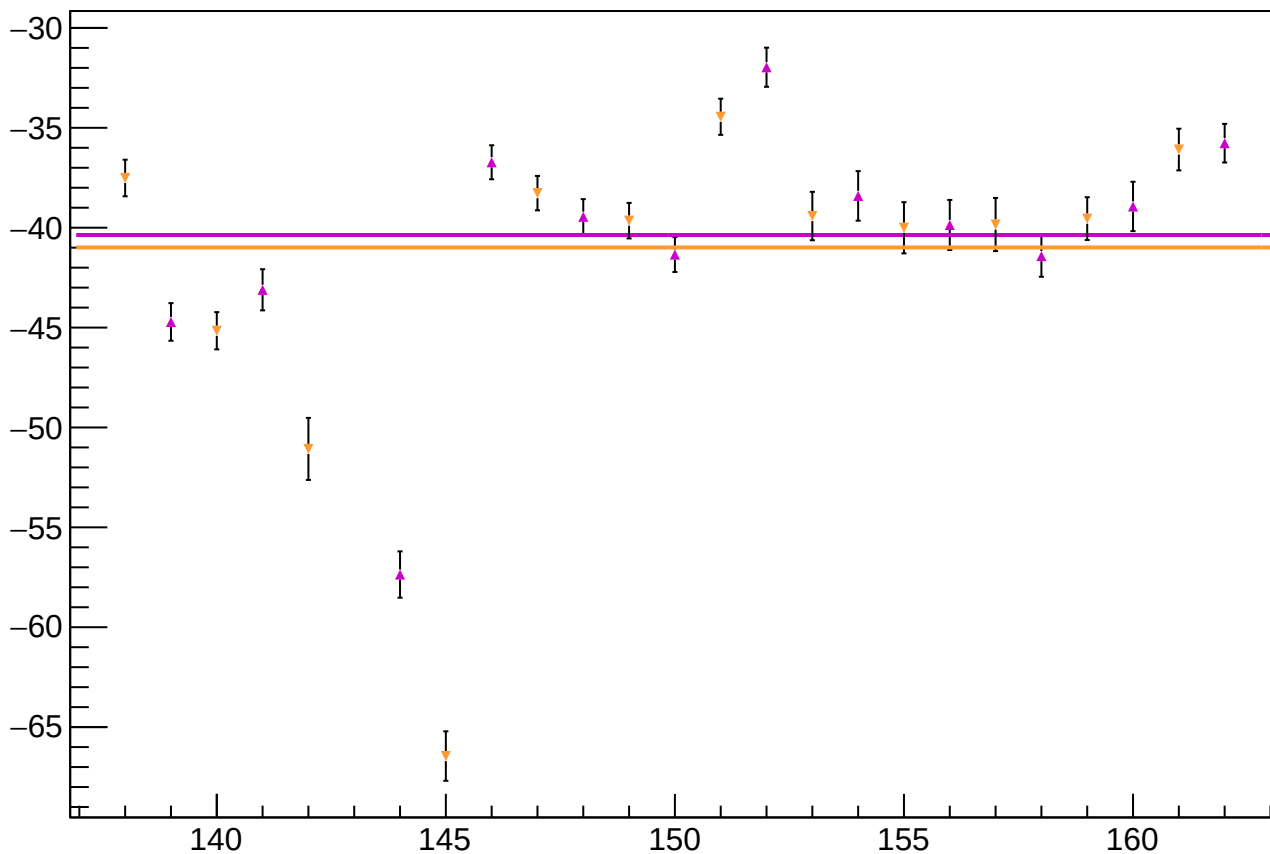
Out: 6.892 ± 0.177 χ^2/NDF : 954.7/29

All: 7.211 ± 0.123 χ^2/NDF : 2022.4/57

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



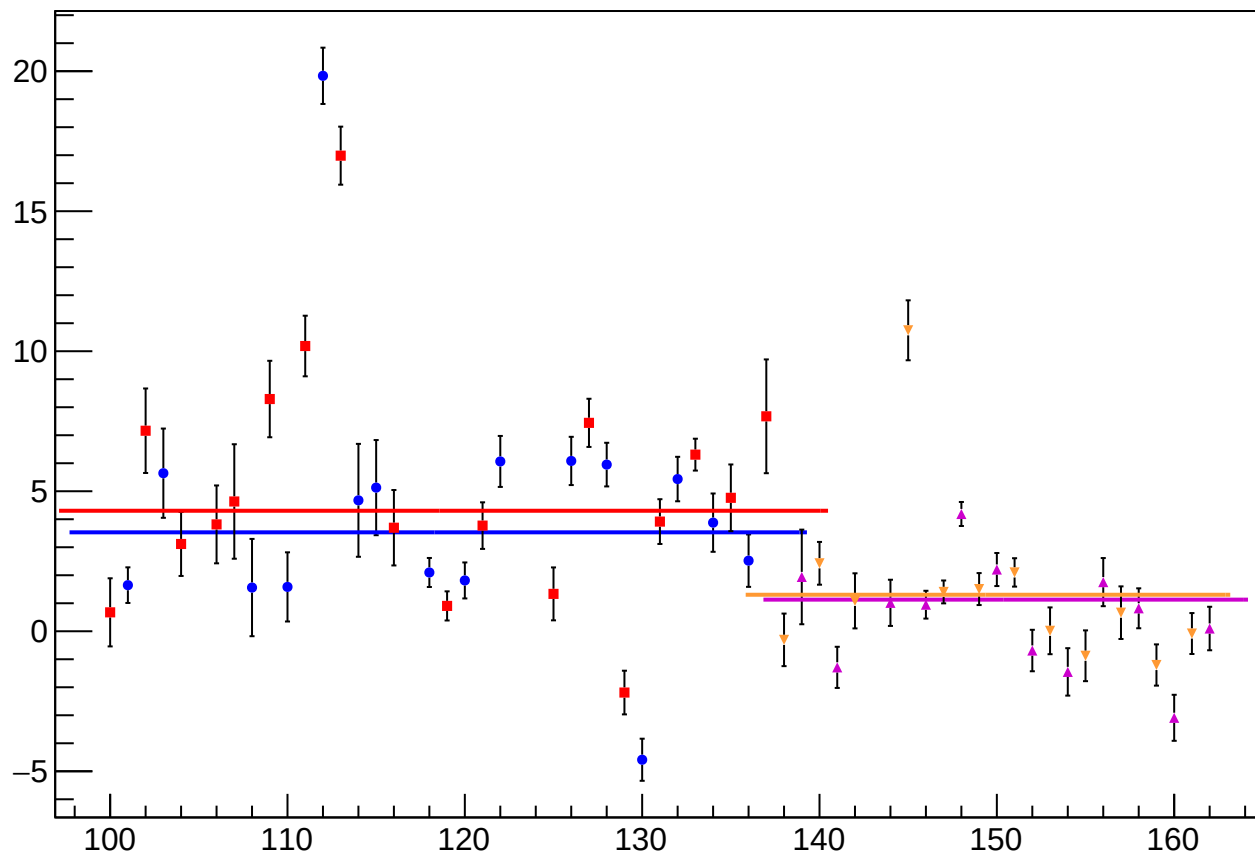
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -40.989 +/- 0.303 χ^2/NDF : 590.4/11
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -40.366 +/- 0.291 χ^2/NDF : 365.0/11

Left: -40.665 +/- 0.210 χ^2/NDF : 957.6/23
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -40.366 +/- 0.291 χ^2/NDF : 365.0/11
 Out: -40.989 +/- 0.303 χ^2/NDF : 590.4/11
 All: -40.665 +/- 0.210 χ^2/NDF : 957.6/23

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.304 ± 0.199 $\chi^2/\text{NDF}: 109.4/11$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.129 ± 0.197 $\chi^2/\text{NDF}: 109.6/11$

Left: 1.216 ± 0.140 $\chi^2/\text{NDF}: 219.4/23$

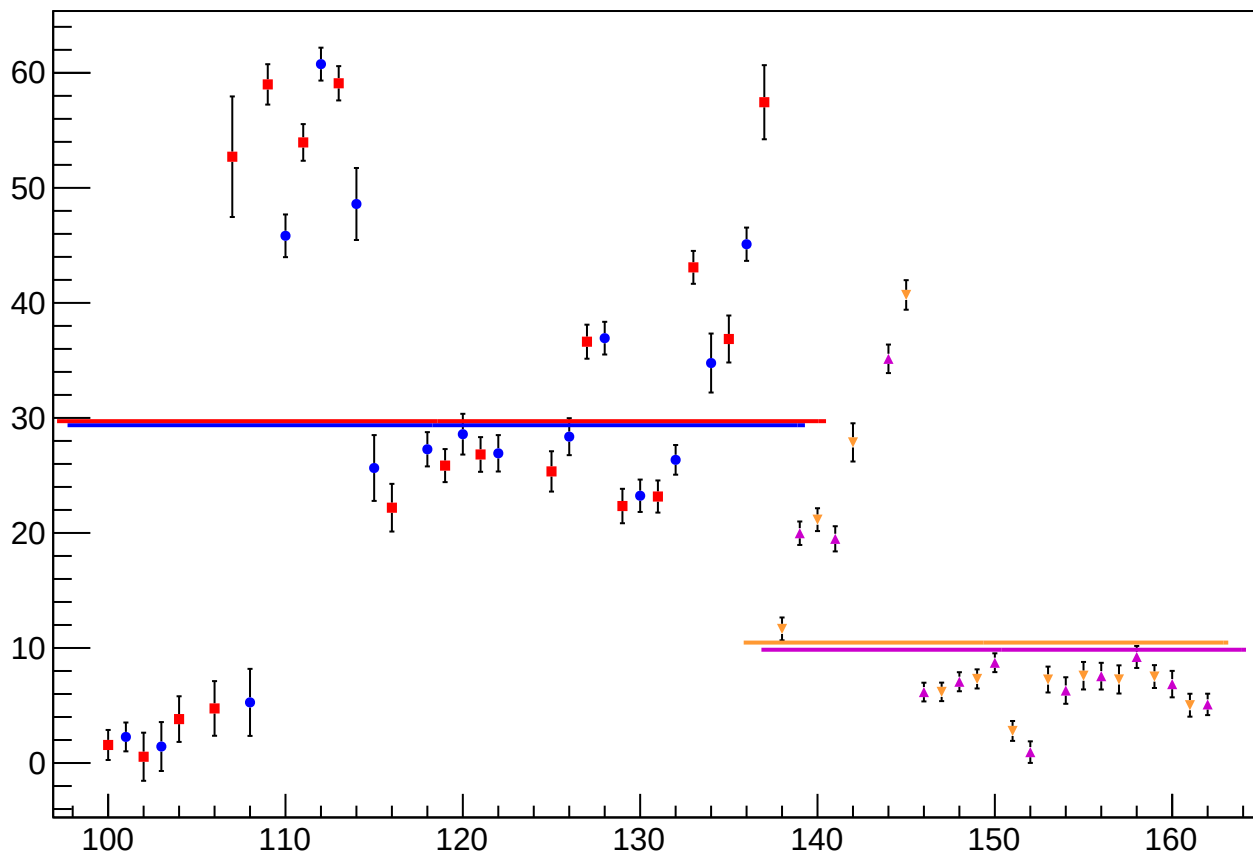
Right: 3.910 ± 0.155 $\chi^2/\text{NDF}: 802.2/33$

In: 2.215 ± 0.146 $\chi^2/\text{NDF}: 619.9/27$

Out: 2.644 ± 0.148 $\chi^2/\text{NDF}: 563.6/29$

All: 2.427 ± 0.104 $\chi^2/\text{NDF}: 1187.8/57$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 10.469 $\pm$ 0.295 χ^2 /NDF: 961.0/11

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

Left In: 9.847 $\pm$ 0.282 χ^2 /NDF: 762.3/11

Left: 10.145 $\pm$ 0.204 χ^2 /NDF: 1725.6/23

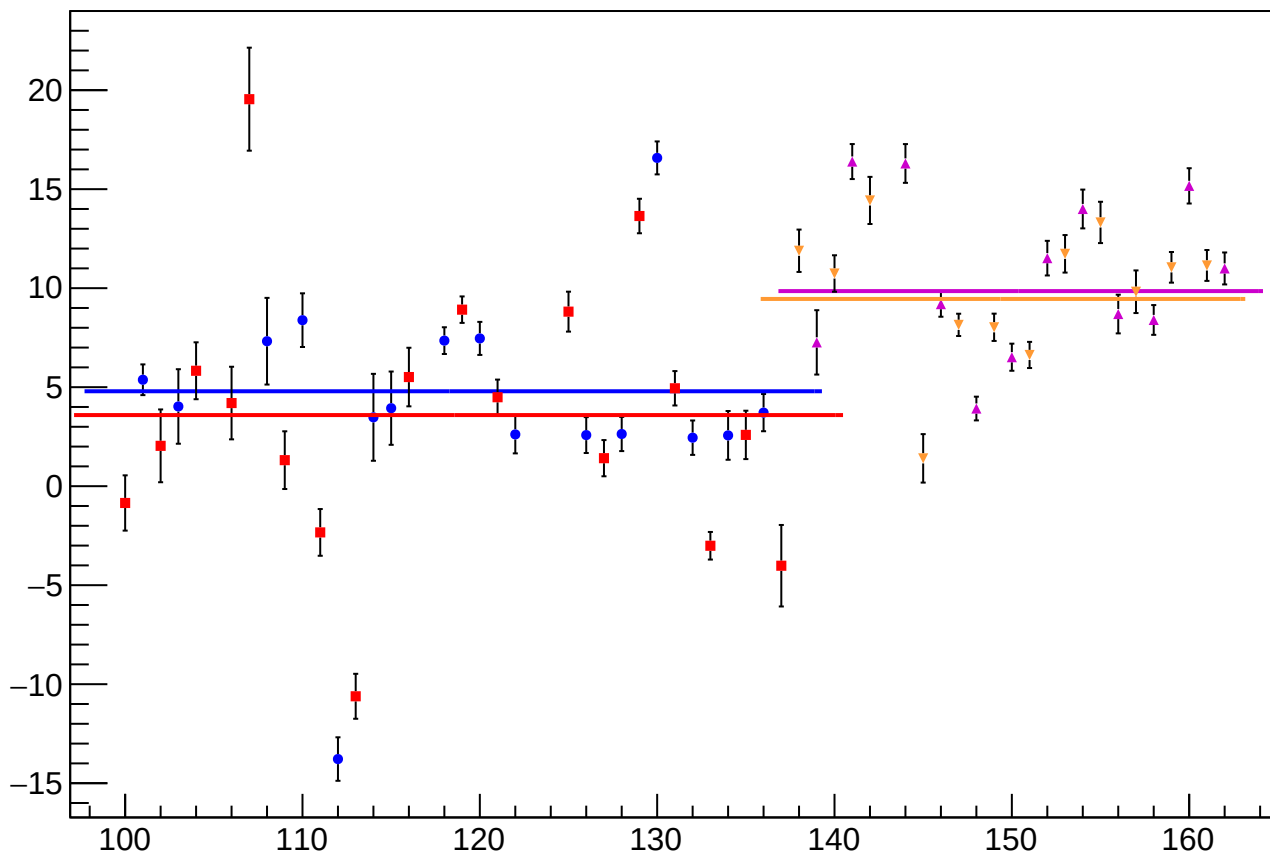
Right: 29.549 $\pm$ 0.289 χ^2 /NDF: 3618.6/33

In: 15.993 $\pm$ 0.234 χ^2 /NDF: 3756.0/27

Out: 17.193 $\pm$ 0.238 χ^2 /NDF: 4579.2/29

All: 16.583 $\pm$ 0.167 χ^2 /NDF: 8348.1/57

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 9.456 ± 0.241 χ^2/NDF : 124.5/11

Right Out: 3.591 ± 0.254 χ^2/NDF : 573.3/17

Left In: 9.852 ± 0.235 χ^2/NDF : 287.8/11

Left: 9.659 ± 0.168 χ^2/NDF : 413.7/23

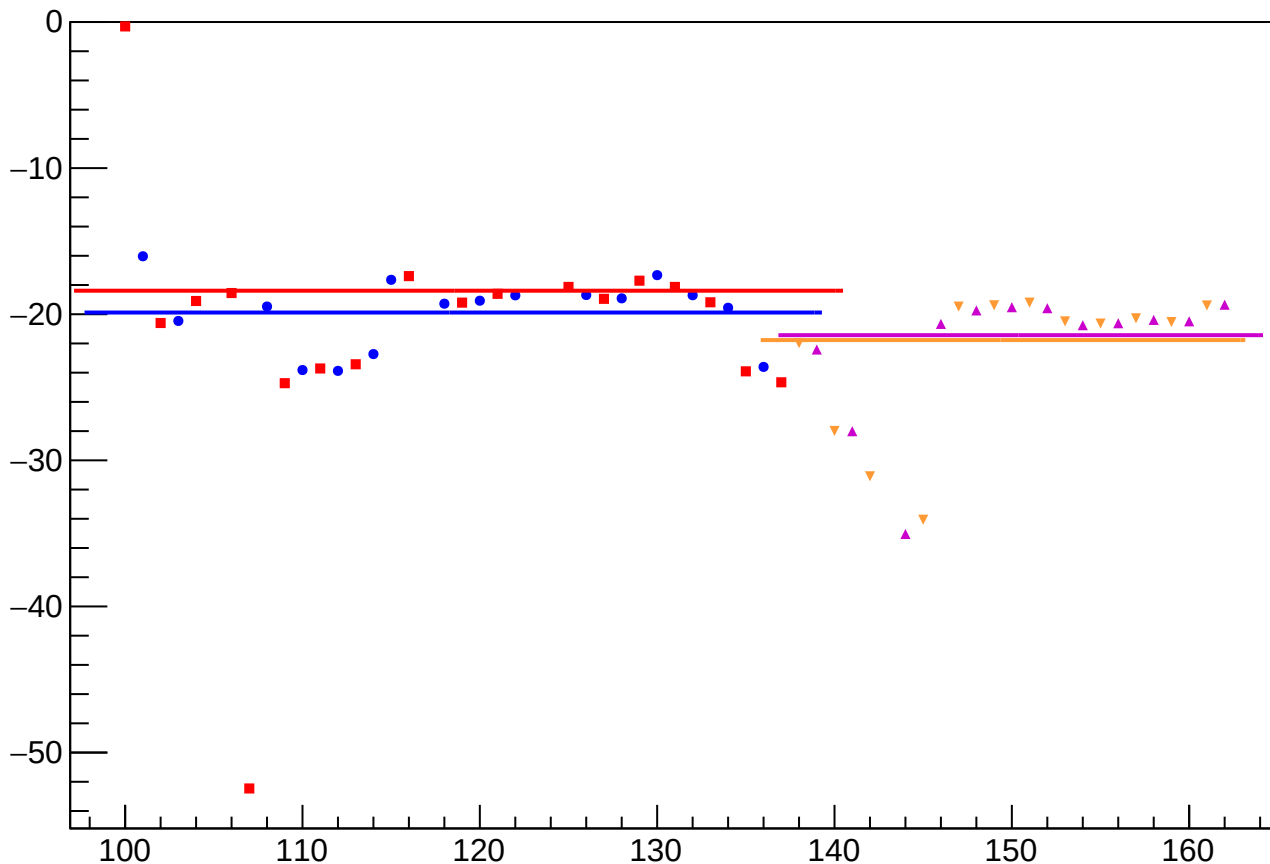
Right: 4.201 ± 0.179 χ^2/NDF : 1134.6/33

In: 7.486 ± 0.172 χ^2/NDF : 1053.8/27

Out: 6.681 ± 0.175 χ^2/NDF : 977.7/29

All: 7.091 ± 0.123 χ^2/NDF : 2042.3/57

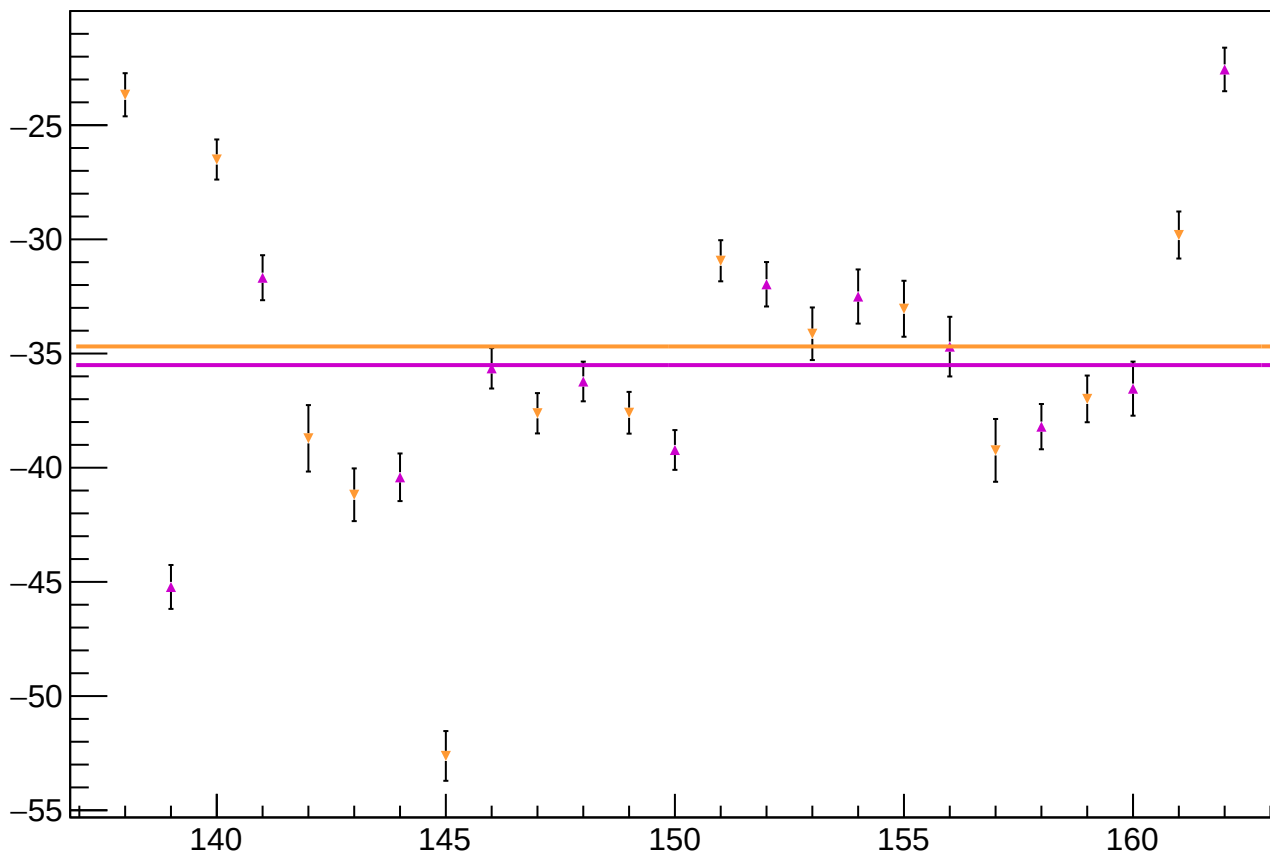
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$
 Left Out: -21.770 ± 0.012 $\chi^2/\text{NDF}: 119538.5/11$
 Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$
 Left In: -21.434 ± 0.011 $\chi^2/\text{NDF}: 98842.7/11$

Left: -21.593 ± 0.008 $\chi^2/\text{NDF}: 218814.1/23$
 Right: -19.096 ± 0.011 $\chi^2/\text{NDF}: 332167.8/33$
 In: -20.910 ± 0.009 $\chi^2/\text{NDF}: 131486.3/27$
 Out: -20.460 ± 0.009 $\chi^2/\text{NDF}: 453006.5/29$
 All: -20.689 ± 0.006 $\chi^2/\text{NDF}: 585713.8/57$

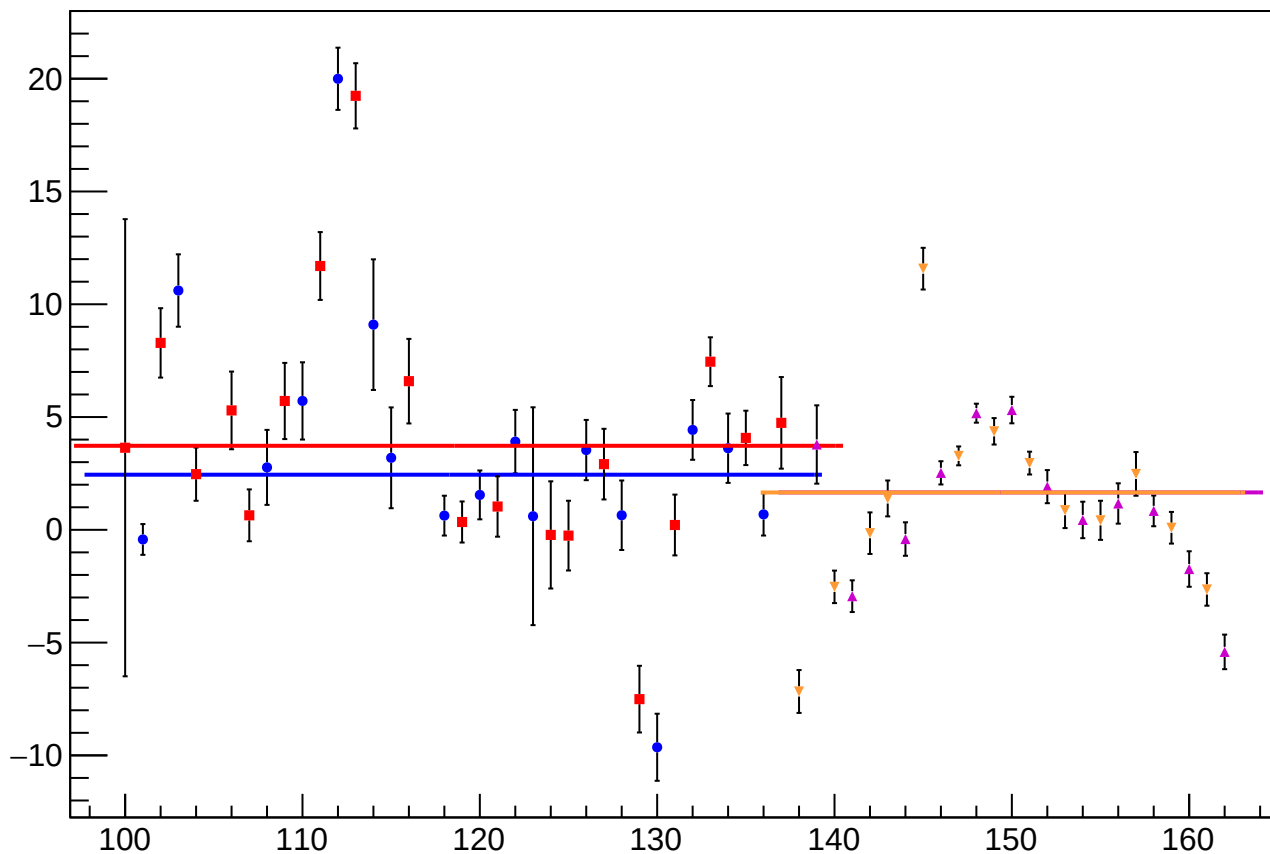
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.690+/-0.288 χ^2/NDF : 612.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.507+/-0.287 χ^2/NDF : 370.8/11

Left: -35.100+/-0.203 χ^2/NDF : 987.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.507+/-0.287 χ^2/NDF : 370.8/11
 Out: -34.690+/-0.288 χ^2/NDF : 612.3/12
 All: -35.100+/-0.203 χ^2/NDF : 987.2/24

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 1.656 ± 0.191 χ^2/NDF : 326.5/12

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

Left In: 1.658 ± 0.194 χ^2/NDF : 270.9/11

Left: 1.657 ± 0.136 χ^2/NDF : 597.4/24

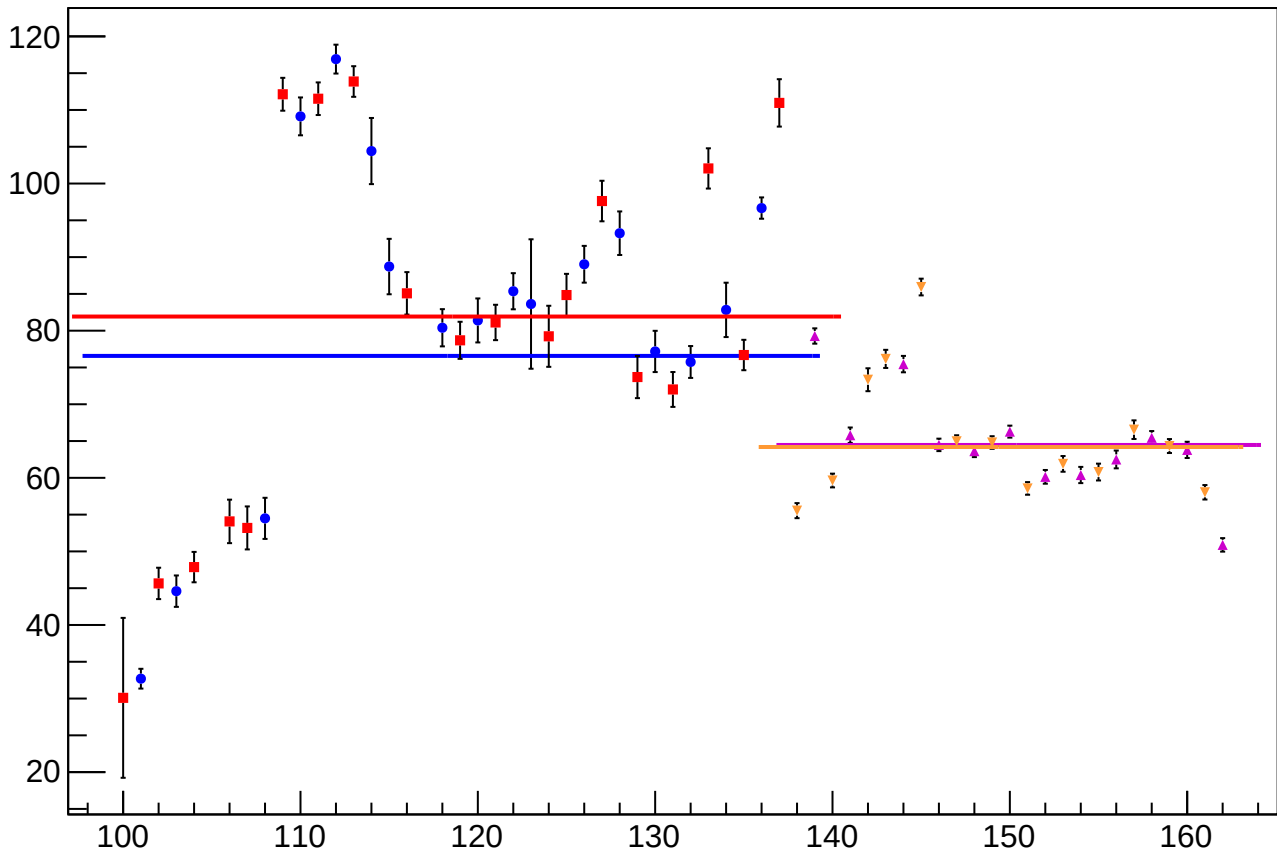
Right: 3.053 ± 0.225 χ^2/NDF : 572.5/35

In: 1.878 ± 0.165 χ^2/NDF : 570.8/28

Out: 2.182 ± 0.165 χ^2/NDF : 625.5/31

All: 2.030 ± 0.116 χ^2/NDF : 1198.0/60

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 64.190 $\pm$ 0.282 χ^2 /NDF: 690.0/12

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

Left In: 64.467 $\pm$ 0.278 χ^2 /NDF: 565.5/11

Left: 64.330 $\pm$ 0.198 χ^2 /NDF: 1256.0/24

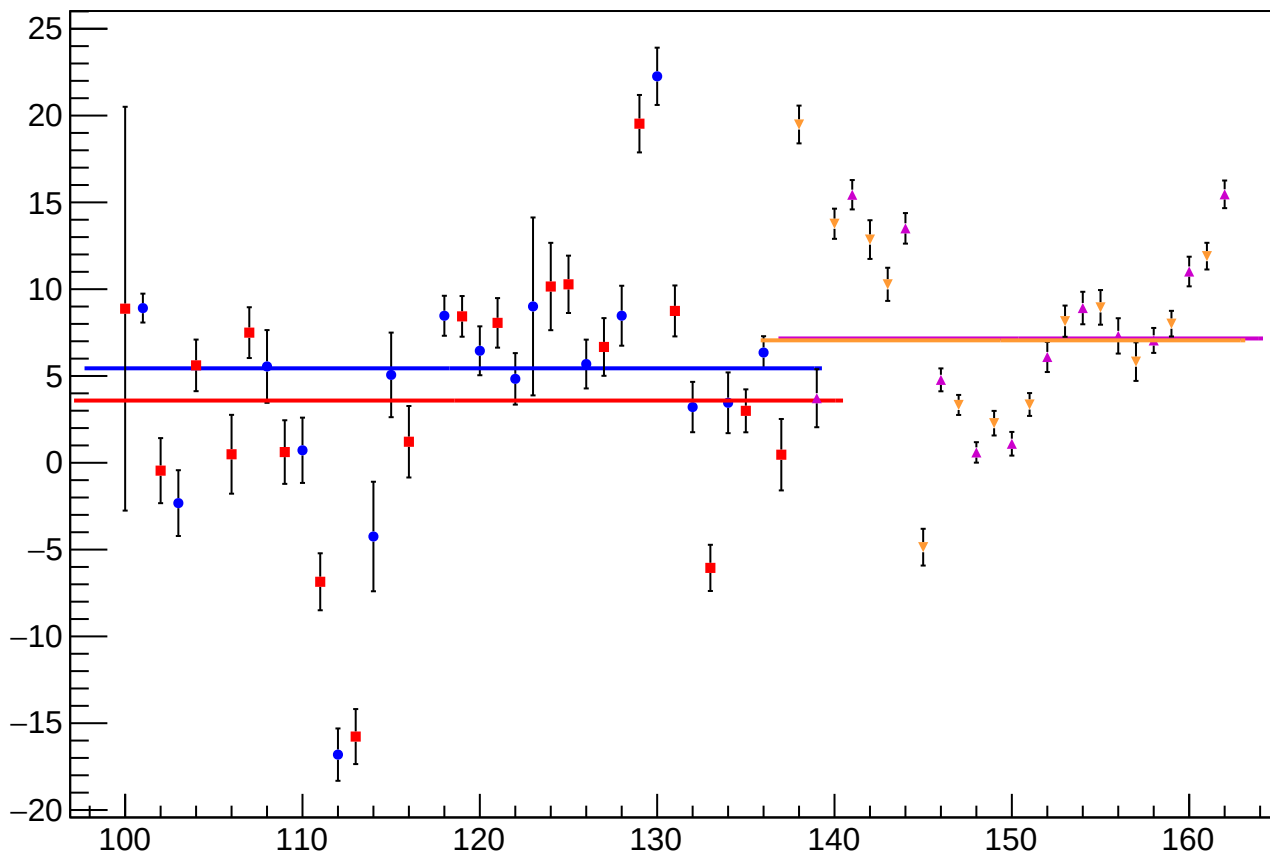
Right: 79.162 $\pm$ 0.412 χ^2 /NDF: 3866.3/35

In: 66.775 $\pm$ 0.250 χ^2 /NDF: 3179.9/28

Out: 67.476 $\pm$ 0.255 χ^2 /NDF: 2991.8/31

All: 67.119 $\pm$ 0.179 χ^2 /NDF: 6175.6/60

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 7.053 ± 0.230 $\chi^2/\text{NDF}: 521.9/12$

Right Out: 3.585 ± 0.375 $\chi^2/\text{NDF}: 423.2/18$

Left In: 7.161 ± 0.231 $\chi^2/\text{NDF}: 502.4/11$

Left: 7.107 ± 0.163 $\chi^2/\text{NDF}: 1024.4/24$

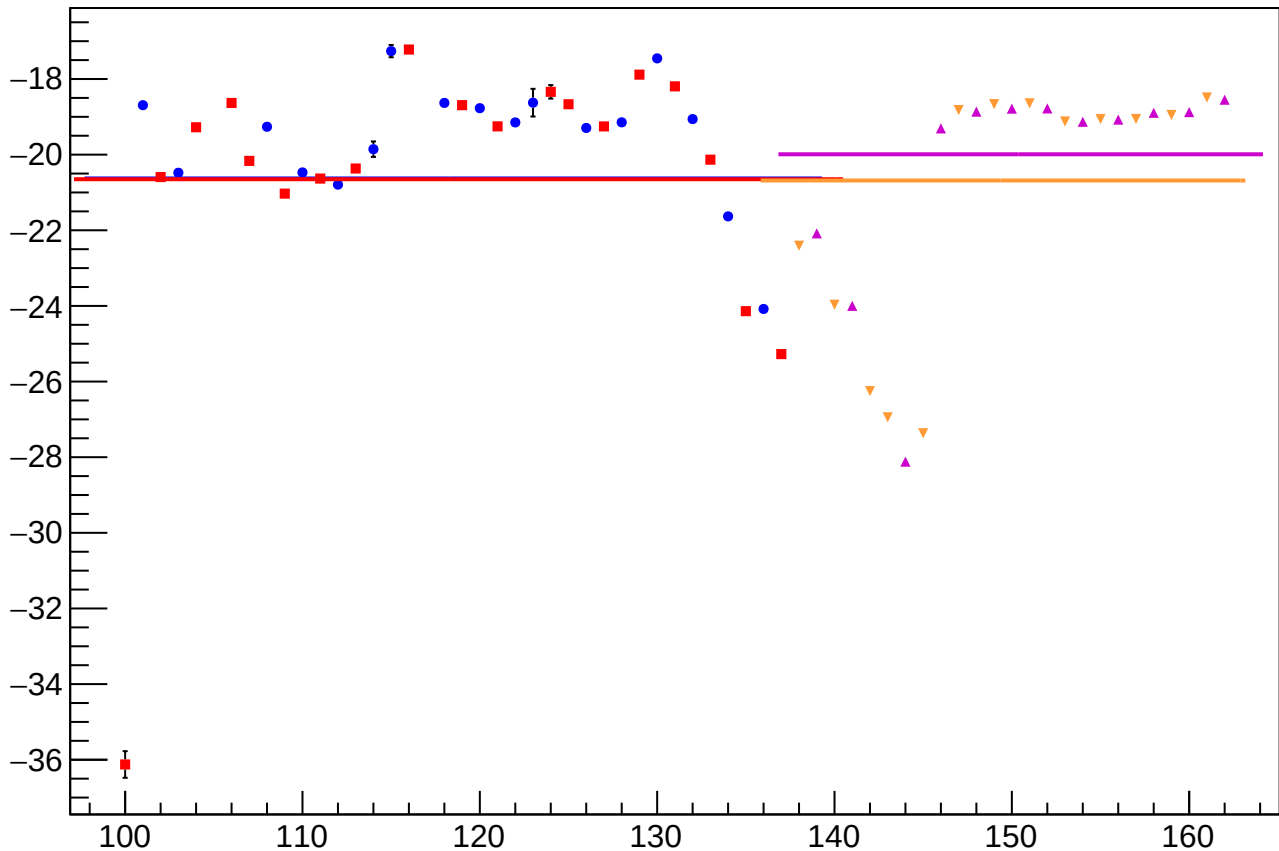
Right: 4.559 ± 0.259 $\chi^2/\text{NDF}: 823.5/35$

In: 6.654 ± 0.194 $\chi^2/\text{NDF}: 906.1/28$

Out: 6.104 ± 0.196 $\chi^2/\text{NDF}: 1007.2/31$

All: 6.382 ± 0.138 $\chi^2/\text{NDF}: 1917.3/60$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630+/-0.019 χ^2/NDF : 12490.5/16

Left Out: -20.683+/-0.011 χ^2/NDF : 73629.7/12

Right Out: -20.650+/-0.019 χ^2/NDF : 13885.7/18

Left In: -19.991+/-0.011 χ^2/NDF : 48056.8/11

Left: -20.329+/-0.008 χ^2/NDF : 123641.2/24

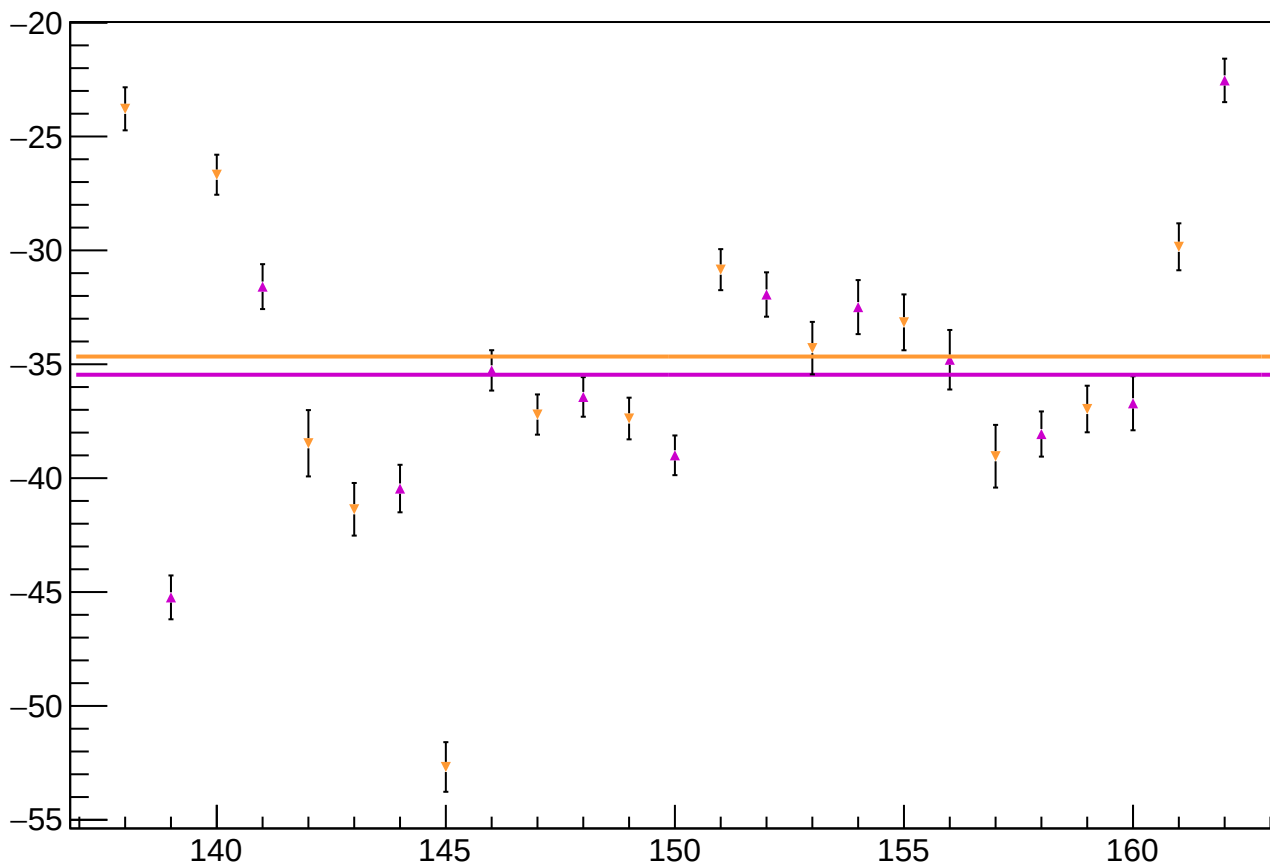
Right: -20.640+/-0.014 χ^2/NDF : 26376.6/35

In: -20.147+/-0.010 χ^2/NDF : 61380.5/28

Out: -20.675+/-0.010 χ^2/NDF : 87517.6/31

All: -20.406+/-0.007 χ^2/NDF : 150407.3/60

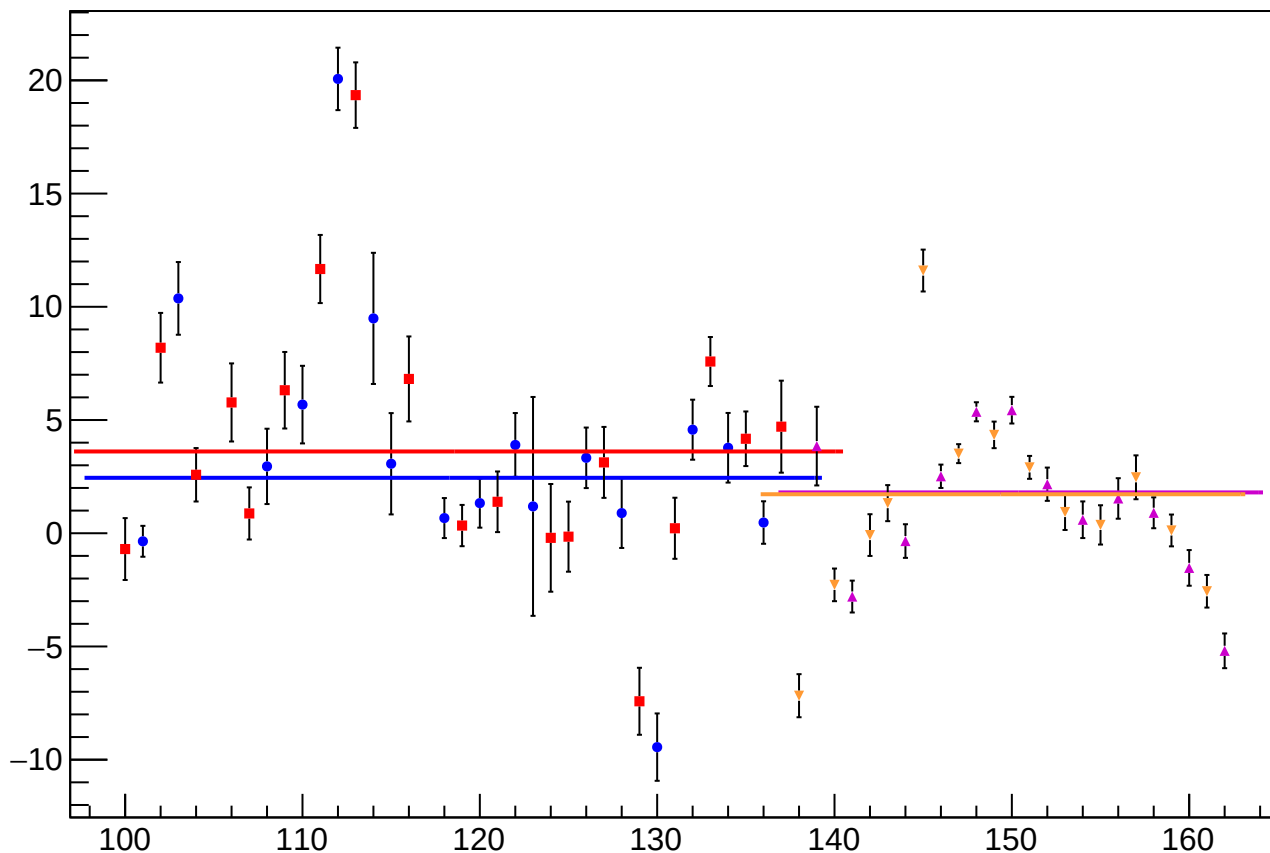
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.661+/-0.288 χ^2/NDF :602.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.460+/-0.287 χ^2/NDF :370.3/11

Left: -35.062+/-0.203 χ^2/NDF : 976.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.460+/-0.287 χ^2/NDF :370.3/11
 Out: -34.661+/-0.288 χ^2/NDF :602.6/12
 All: -35.062+/-0.203 χ^2/NDF : 976.8/24

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 $\pm$ 0.311 χ^2 /NDF: 293.4/16

Left Out: 1.722 $\pm$ 0.191 χ^2 /NDF:324.9/12

Right Out: 3.611 $\pm$ 0.318 χ^2 /NDF: 279.4/18

Left In: 1.803 $\pm$ 0.194 χ^2 /NDF:269.3/11

Left: 1.762 $\pm$ 0.136 χ^2 /NDF: 594.2/24

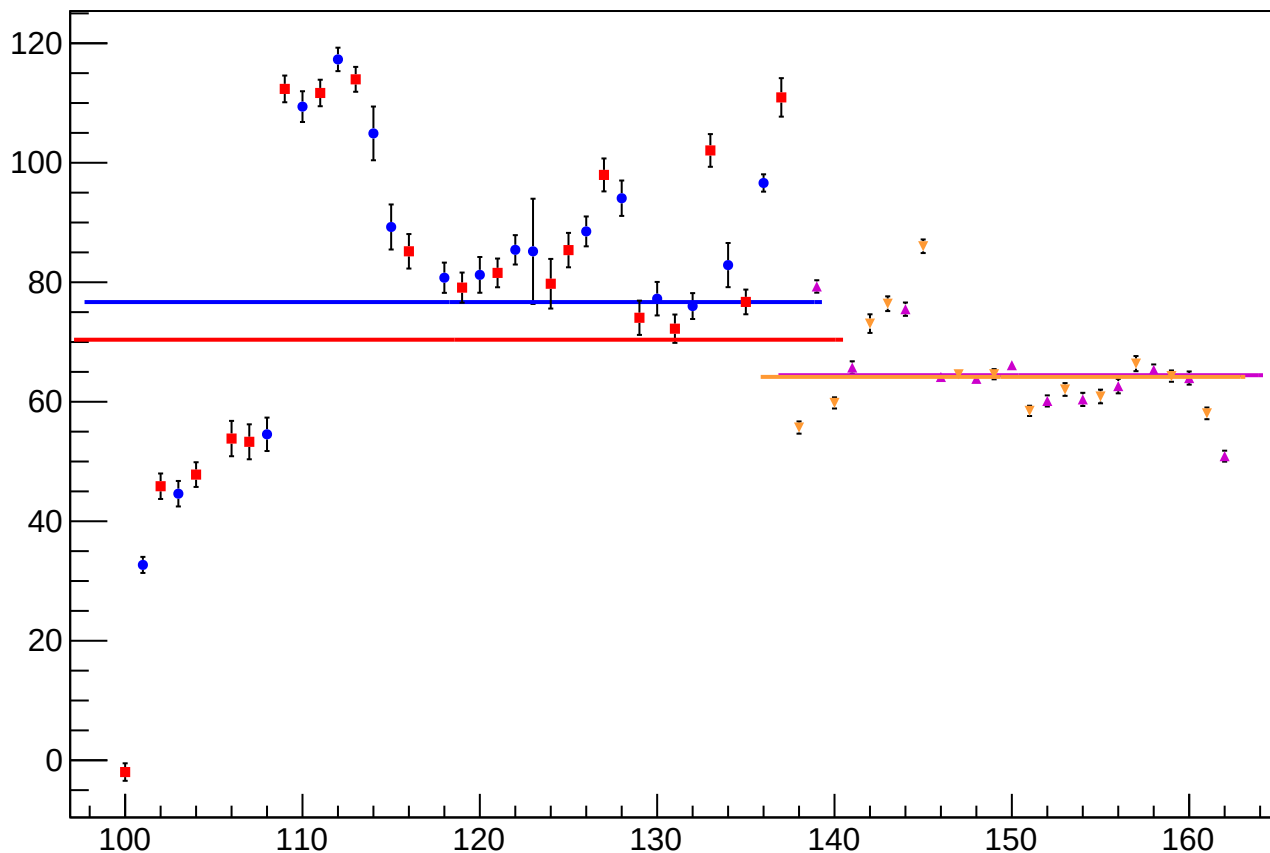
Right: 3.017 $\pm$ 0.223 χ^2 /NDF: 579.6/35

In: 1.984 $\pm$ 0.165 χ^2 /NDF:565.7/28

Out: 2.223 $\pm$ 0.164 χ^2 /NDF:630.2/31

All: 2.104 $\pm$ 0.116 χ^2 /NDF: 1196.9/60

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 64.165 $\pm$ 0.282 χ^2 /NDF: 688.7/12

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

Left In: 64.444 $\pm$ 0.278 χ^2 /NDF: 563.8/11

Left: 64.306 $\pm$ 0.198 χ^2 /NDF: 1252.9/24

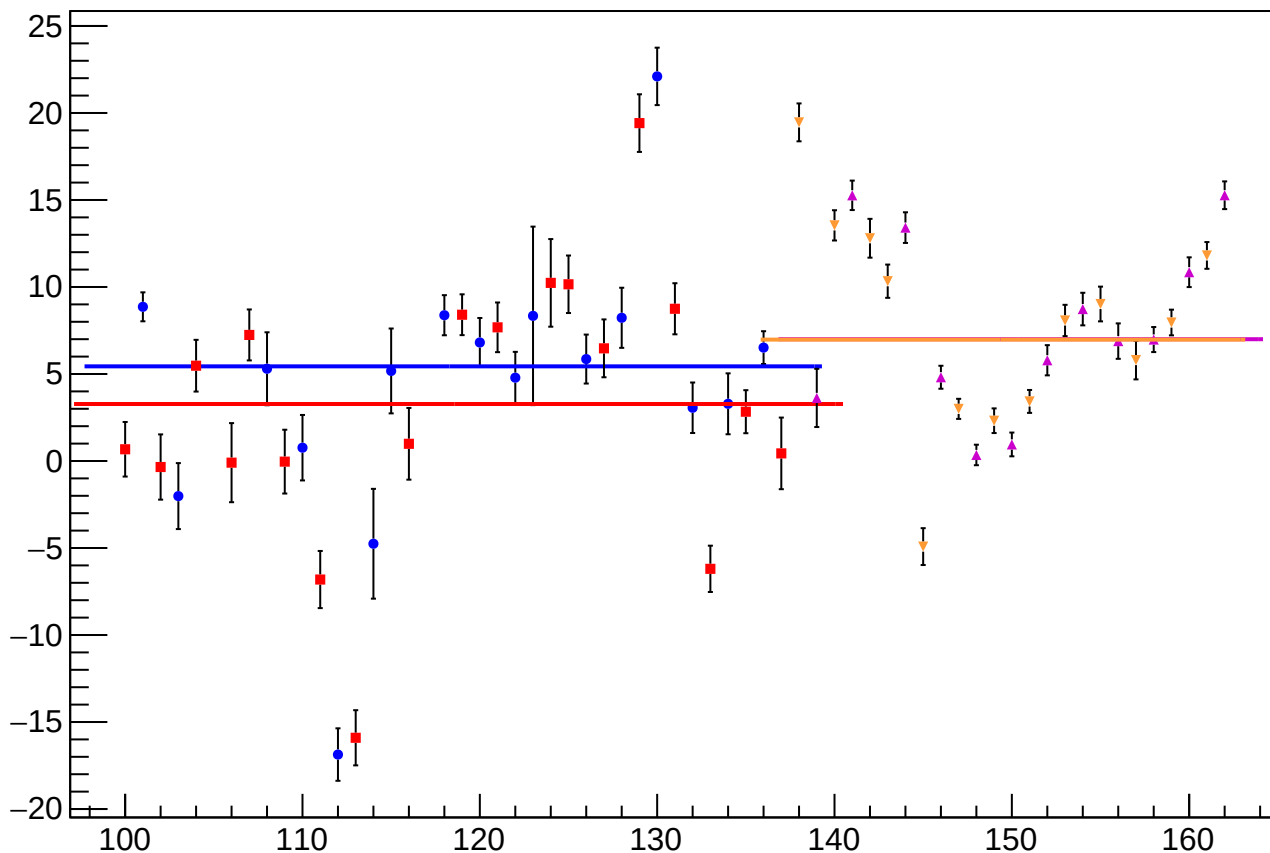
Right: 73.402 $\pm$ 0.397 χ^2 /NDF: 6719.1/35

In: 66.779 $\pm$ 0.250 χ^2 /NDF: 3197.5/28

Out: 65.464 $\pm$ 0.251 χ^2 /NDF: 5181.2/31

All: 66.123 $\pm$ 0.177 χ^2 /NDF: 8392.4/60

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.357 χ^2 /NDF: 385.9/16

Left Out: 6.976 $\pm$ 0.230 χ^2 /NDF:522.3/12

Right Out: 3.275 $\pm$ 0.365 χ^2 /NDF: 425.8/18

Left In: 6.999 $\pm$ 0.231 χ^2 /NDF:502.8/11

Left: 6.988 $\pm$ 0.163 χ^2 /NDF: 1025.2/24

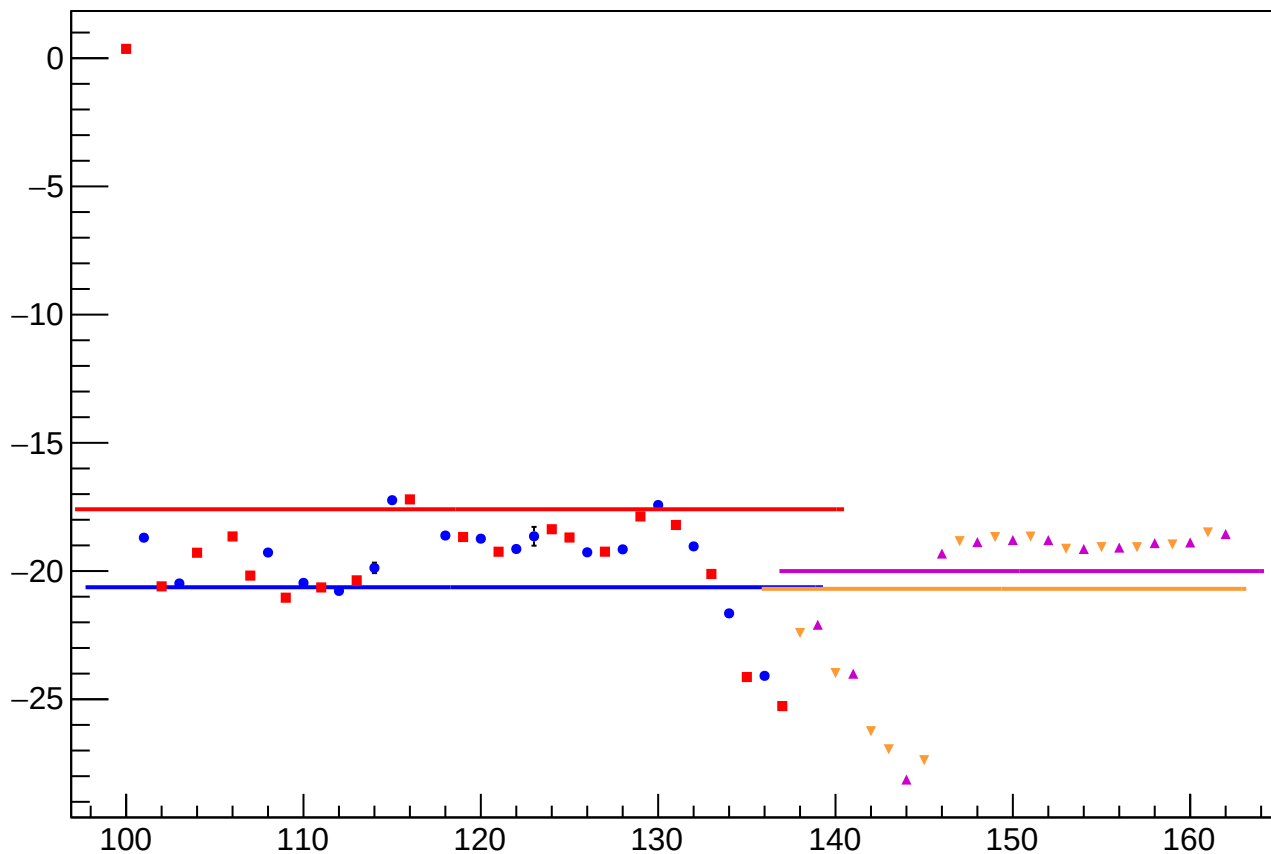
Right: 4.381 $\pm$ 0.256 χ^2 /NDF: 829.6/35

In: 6.539 $\pm$ 0.194 χ^2 /NDF:902.2/28

Out: 5.923 $\pm$ 0.195 χ^2 /NDF:1021.5/31

All: 6.232 $\pm$ 0.138 χ^2 /NDF: 1928.7/60

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -20.693 ± 0.011 $\chi^2/\text{NDF}: 73477.9/12$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

Left In: -20.001 ± 0.011 $\chi^2/\text{NDF}: 47990.2/11$

Left: -20.339 ± 0.008 $\chi^2/\text{NDF}: 123415.8/24$

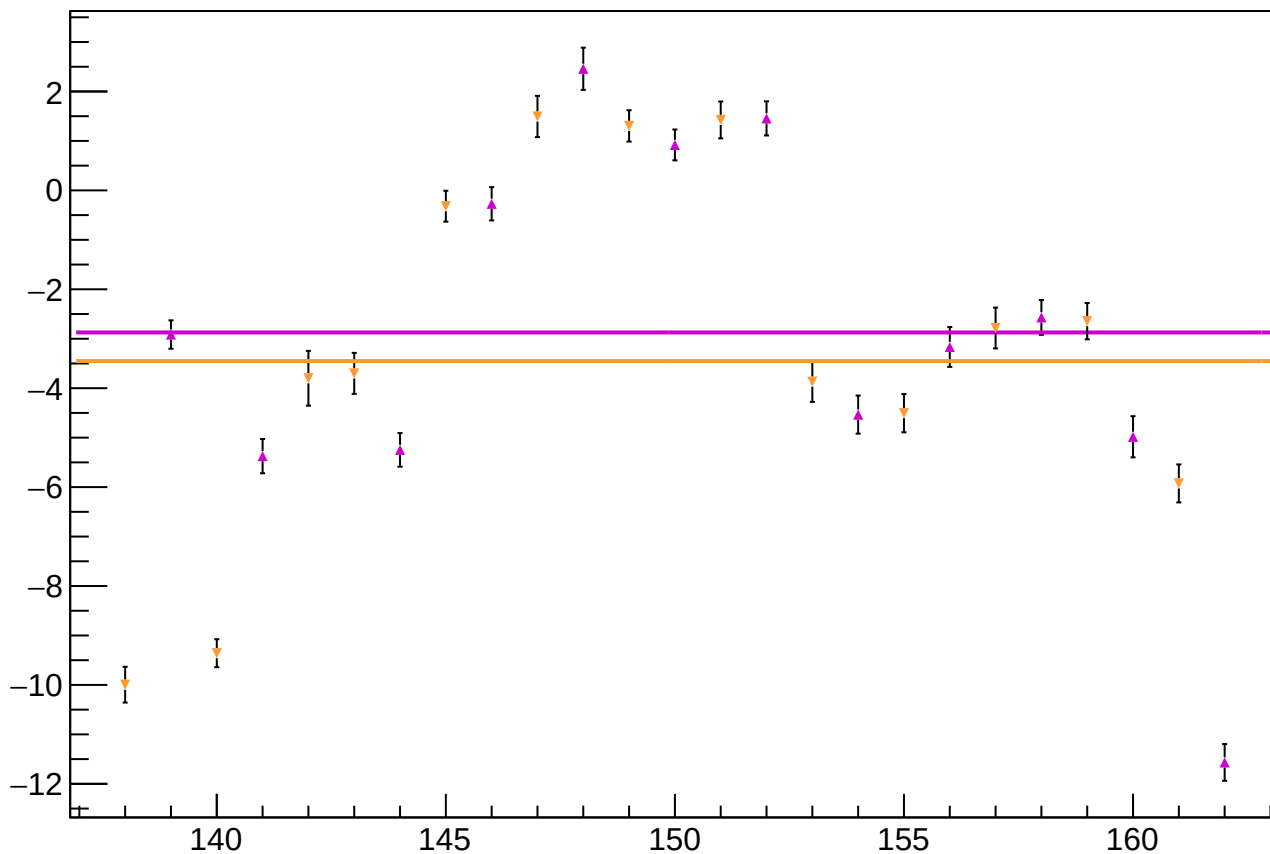
Right: -19.007 ± 0.013 $\chi^2/\text{NDF}: 204486.4/35$

In: -20.155 ± 0.010 $\chi^2/\text{NDF}: 61328.0/28$

Out: -19.827 ± 0.010 $\chi^2/\text{NDF}: 273538.7/31$

All: -19.991 ± 0.007 $\chi^2/\text{NDF}: 335460.0/60$

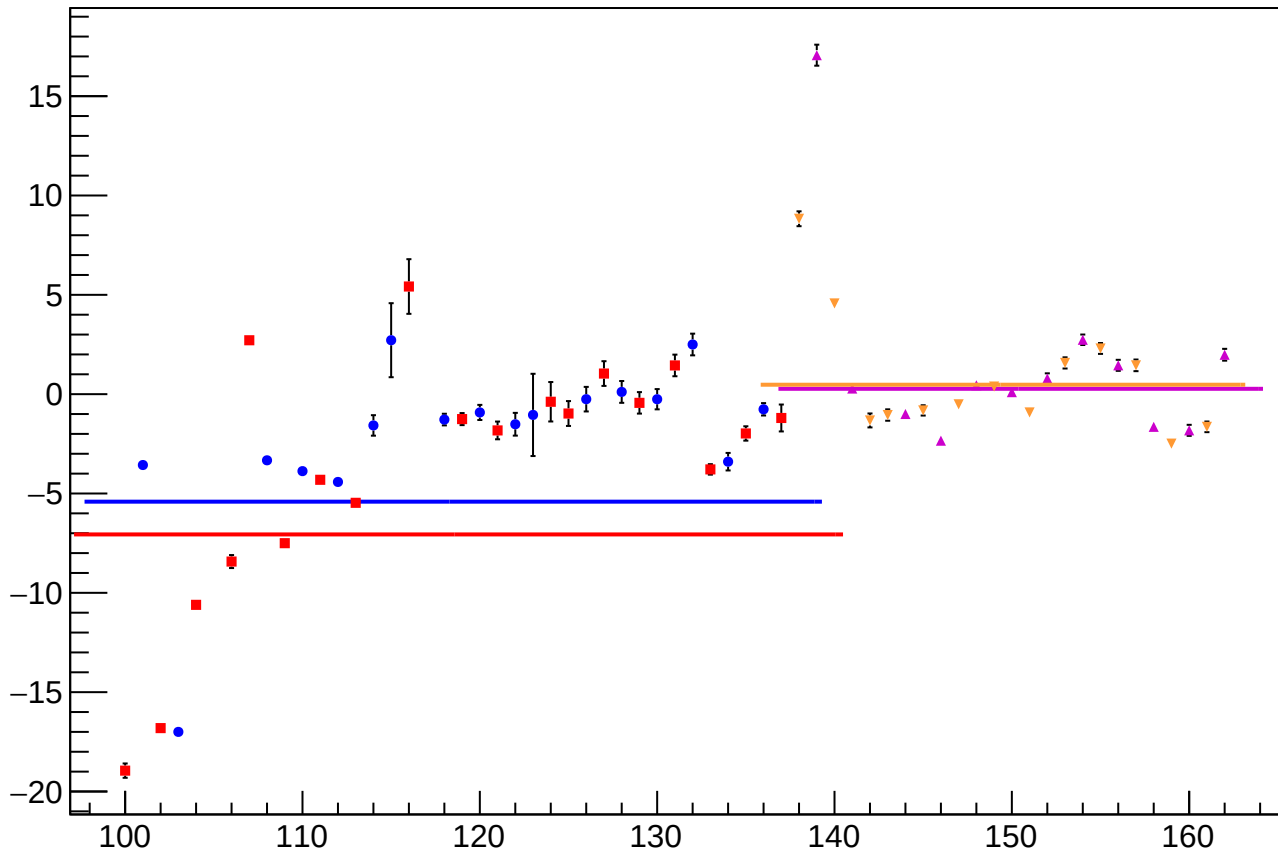
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -3.451 ± 0.103 $\chi^2/\text{NDF}: 1458.0/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.873 ± 0.102 $\chi^2/\text{NDF}: 1212.9/11$

Left: -3.161 ± 0.072 $\chi^2/\text{NDF}: 2686.8/24$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.873 ± 0.102 $\chi^2/\text{NDF}: 1212.9/11$
 Out: -3.451 ± 0.103 $\chi^2/\text{NDF}: 1458.0/12$
 All: -3.161 ± 0.072 $\chi^2/\text{NDF}: 2686.8/24$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 $\pm$ 0.055 χ^2 /NDF: 9261.2/16

Left Out: 0.475 $\pm$ 0.071 χ^2 /NDF:1215.2/12

Right Out: -7.060 $\pm$ 0.059 χ^2 /NDF: 12329.4/18

Left In: 0.270 $\pm$ 0.073 χ^2 /NDF:1447.3/11

Left: 0.375 $\pm$ 0.051 χ^2 /NDF: 2666.6/24

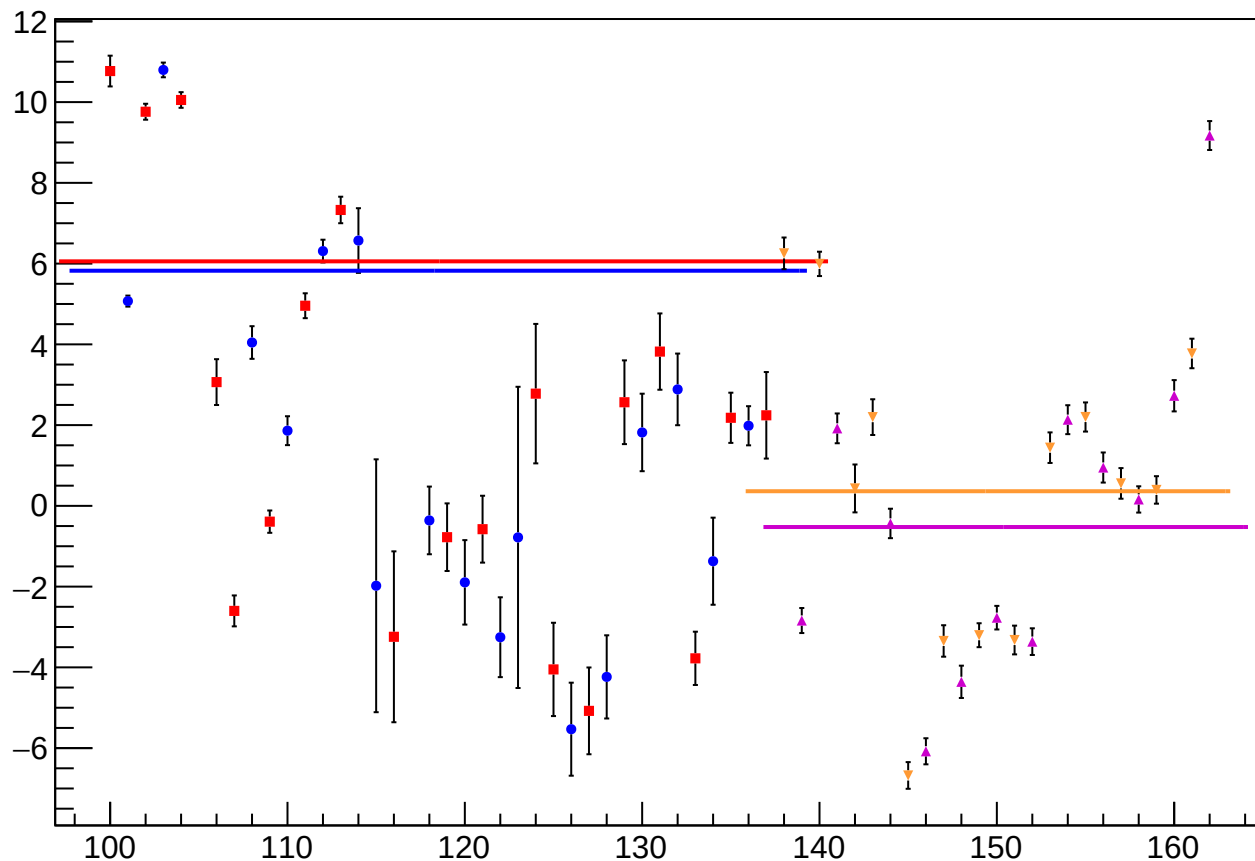
Right: -6.173 $\pm$ 0.040 χ^2 /NDF: 22010.3/35

In: -3.375 $\pm$ 0.044 χ^2 /NDF:14569.2/28

Out: -3.998 $\pm$ 0.045 χ^2 /NDF:20165.5/31

All: -3.675 $\pm$ 0.032 χ^2 /NDF: 34831.9/60

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 ± 0.090 $\chi^2/\text{NDF}: 1452.6/16$

Left Out: 0.362 ± 0.101 $\chi^2/\text{NDF}: 1509.0/12$

Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2668.9/18$

Left In: -0.524 ± 0.100 $\chi^2/\text{NDF}: 1499.1/11$

Left: -0.087 ± 0.071 $\chi^2/\text{NDF}: 3047.2/24$

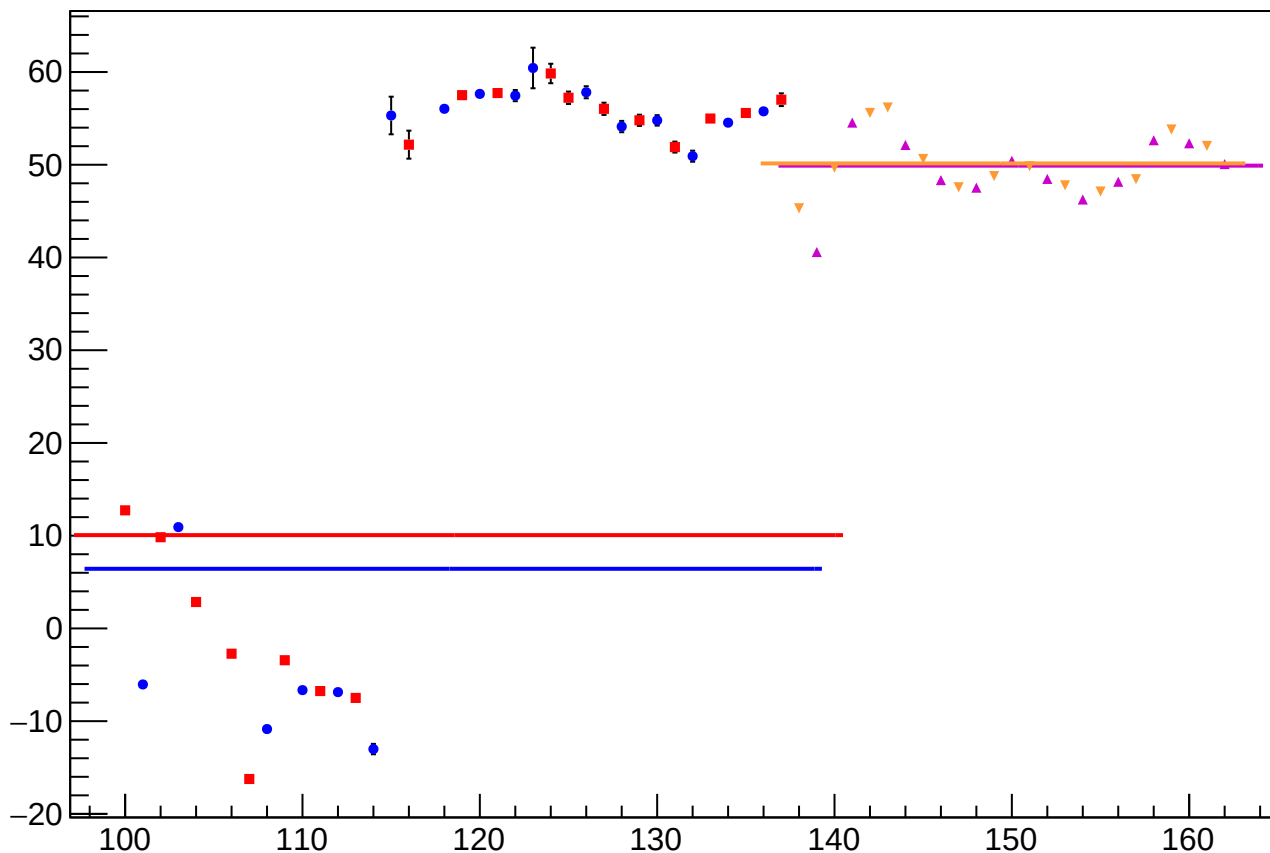
Right: 5.935 ± 0.065 $\chi^2/\text{NDF}: 4124.7/35$

In: 2.984 ± 0.067 $\chi^2/\text{NDF}: 5198.1/28$

Out: 3.432 ± 0.069 $\chi^2/\text{NDF}: 5893.6/31$

All: 3.202 ± 0.048 $\chi^2/\text{NDF}: 11113.7/60$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 ± 0.065 $\chi^2/\text{NDF}: 123486.3/16$

Left Out: 50.143 ± 0.084 $\chi^2/\text{NDF}: 1133.8/12$

Right Out: 10.060 ± 0.070 $\chi^2/\text{NDF}: 121816.0/18$

Left In: 49.904 ± 0.085 $\chi^2/\text{NDF}: 1114.9/11$

Left: 50.025 ± 0.060 $\chi^2/\text{NDF}: 2252.7/24$

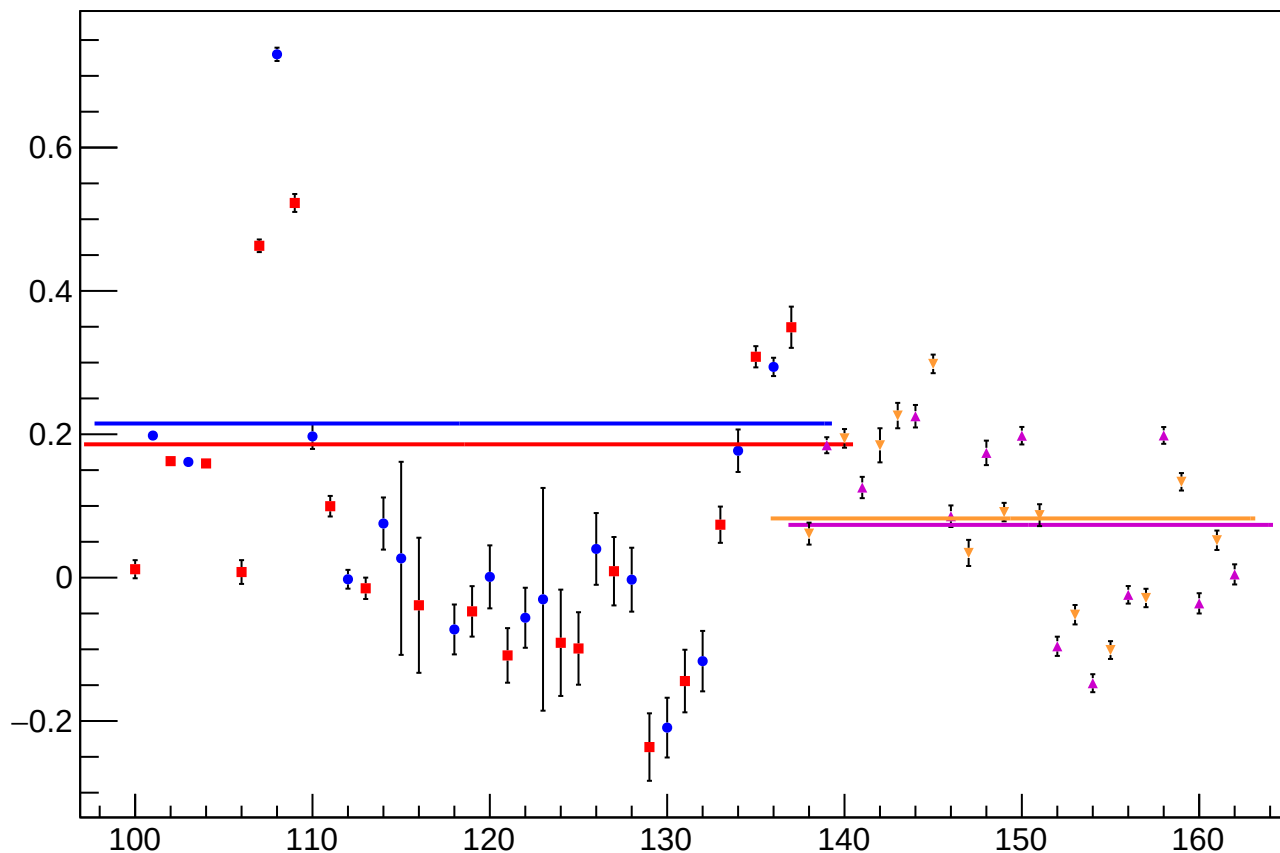
Right: 8.110 ± 0.047 $\chi^2/\text{NDF}: 246756.9/35$

In: 22.338 ± 0.052 $\chi^2/\text{NDF}: 289787.9/28$

Out: 26.347 ± 0.054 $\chi^2/\text{NDF}: 257173.2/31$

All: 24.259 ± 0.037 $\chi^2/\text{NDF}: 549861.5/60$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.083 ± 0.004 χ^2/NDF : 858.2/12

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

Left In: 0.074 ± 0.004 χ^2/NDF : 1074.8/11

Left: 0.078 ± 0.003 χ^2/NDF : 1935.6/24

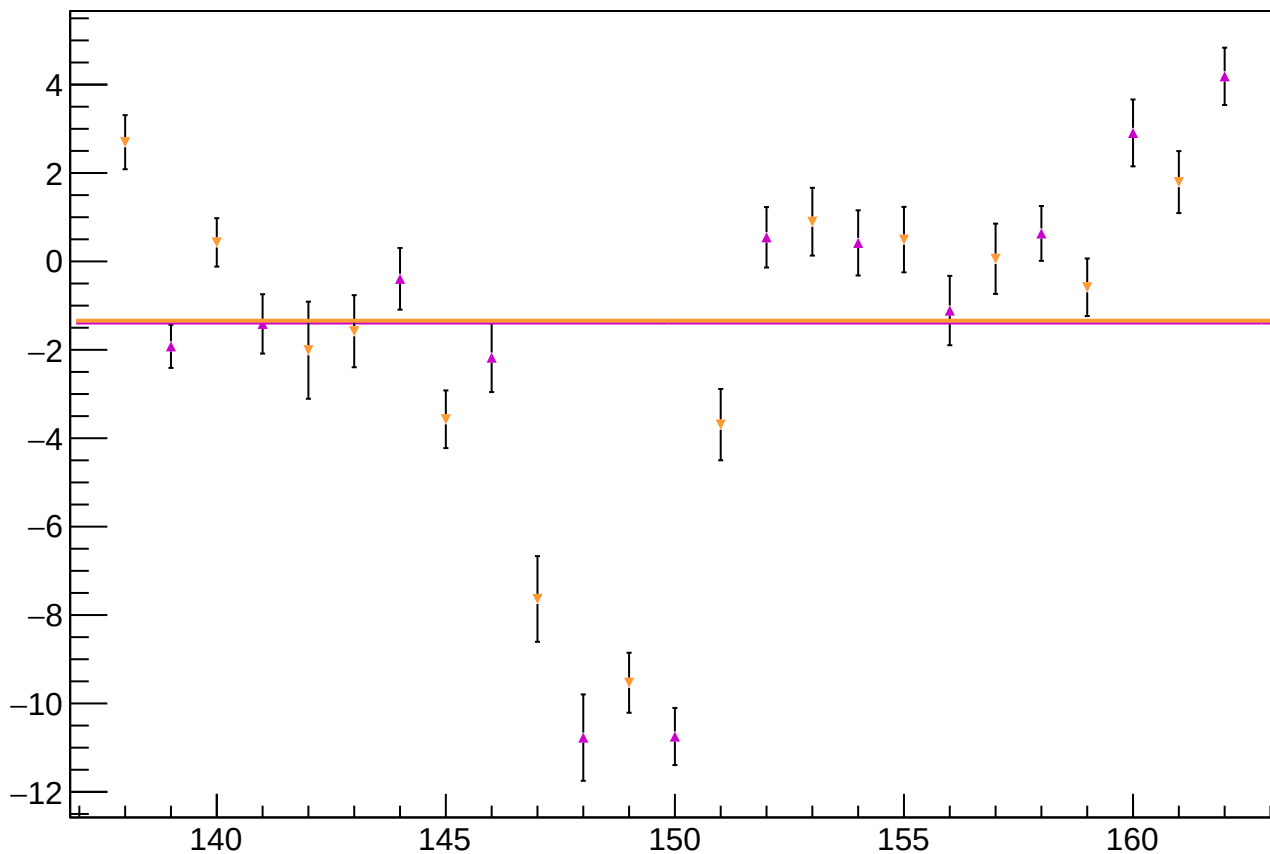
Right: 0.200 ± 0.002 χ^2/NDF : 6707.1/35

In: 0.167 ± 0.002 χ^2/NDF : 5891.4/28

Out: 0.153 ± 0.002 χ^2/NDF : 4049.4/31

All: 0.160 ± 0.002 χ^2/NDF : 9960.2/60

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: -1.342+/-0.200 χ^2/NDF :301.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.382+/-0.197 χ^2/NDF :437.1/11

Left: -1.362+/-0.140 χ^2/NDF : 738.6/24

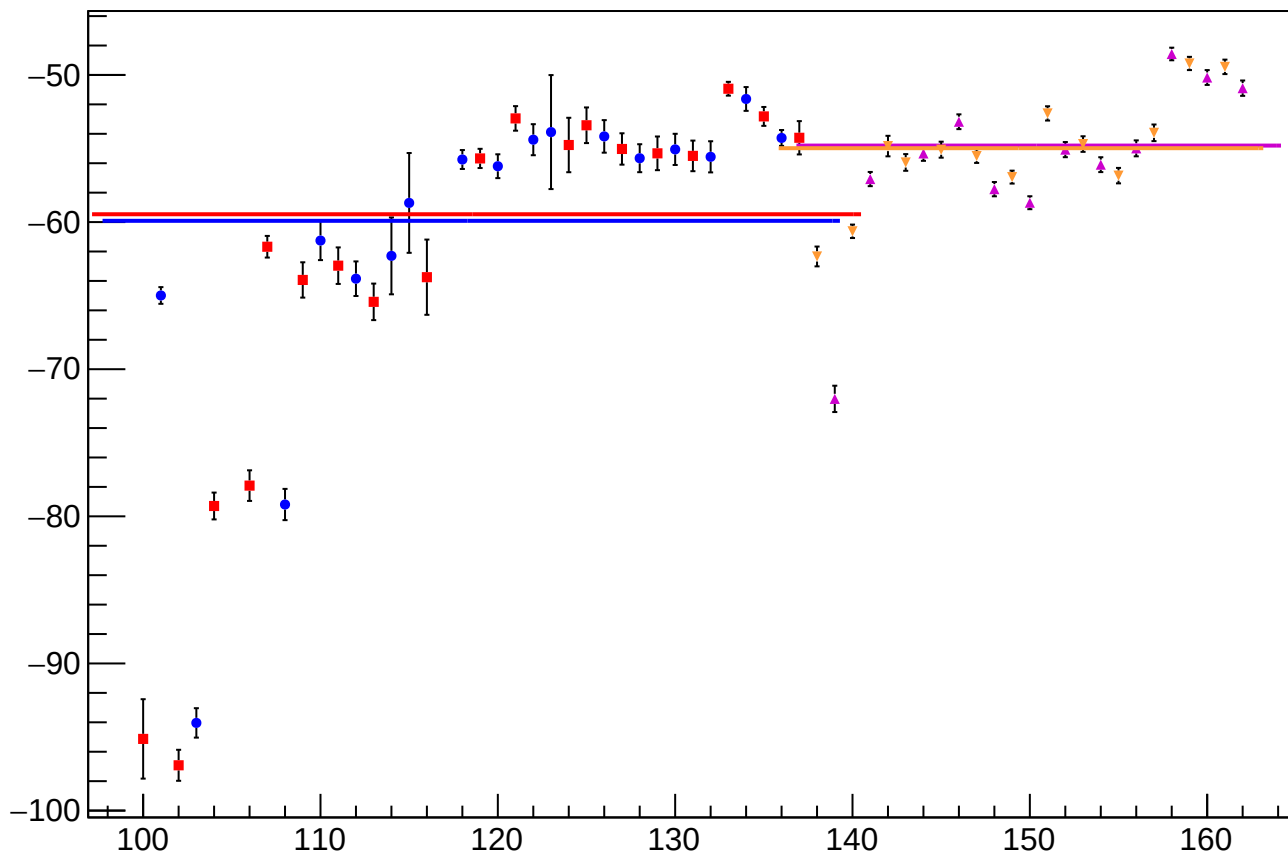
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.382+/-0.197 χ^2/NDF :437.1/11

Out: -1.342+/-0.200 χ^2/NDF :301.5/12

All: -1.362+/-0.140 χ^2/NDF : 738.6/24

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -54.978 ± 0.143 χ^2/NDF : 626.6/12

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

Left In: -54.800 ± 0.146 χ^2/NDF : 876.3/11

Left: -54.891 ± 0.102 χ^2/NDF : 1503.6/24

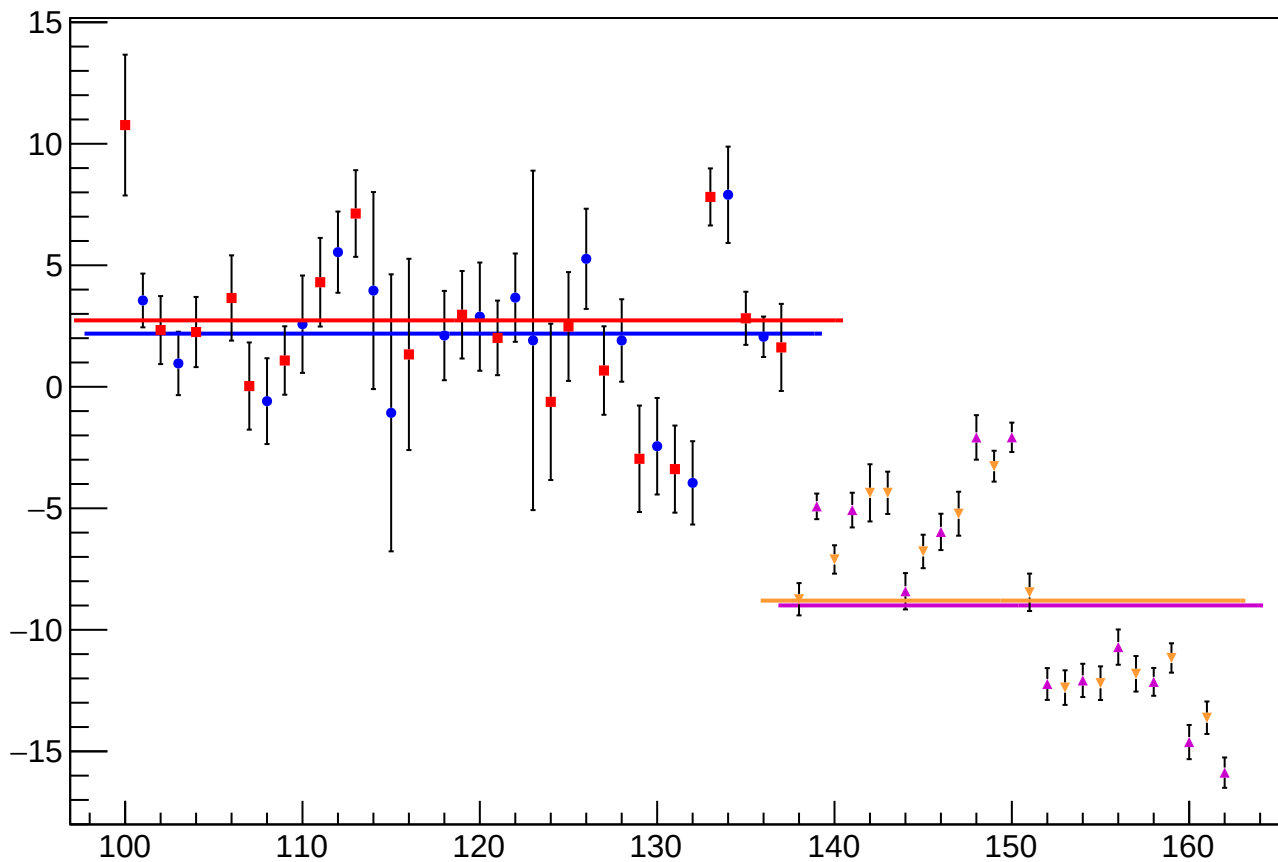
Right: -59.680 ± 0.154 χ^2/NDF : 4894.3/35

In: -56.334 ± 0.122 χ^2/NDF : 3224.0/28

Out: -56.382 ± 0.119 χ^2/NDF : 3847.4/31

All: -56.358 ± 0.085 χ^2/NDF : 7071.5/60

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -8.797 $\pm$ 0.197 χ^2 /NDF: 282.6/12

Right Out: 2.733 $\pm$ 0.388 χ^2 /NDF: 58.9/18

Left In: -8.996 $\pm$ 0.192 χ^2 /NDF: 560.7/11

Left: -8.899 $\pm$ 0.138 χ^2 /NDF: 843.8/24

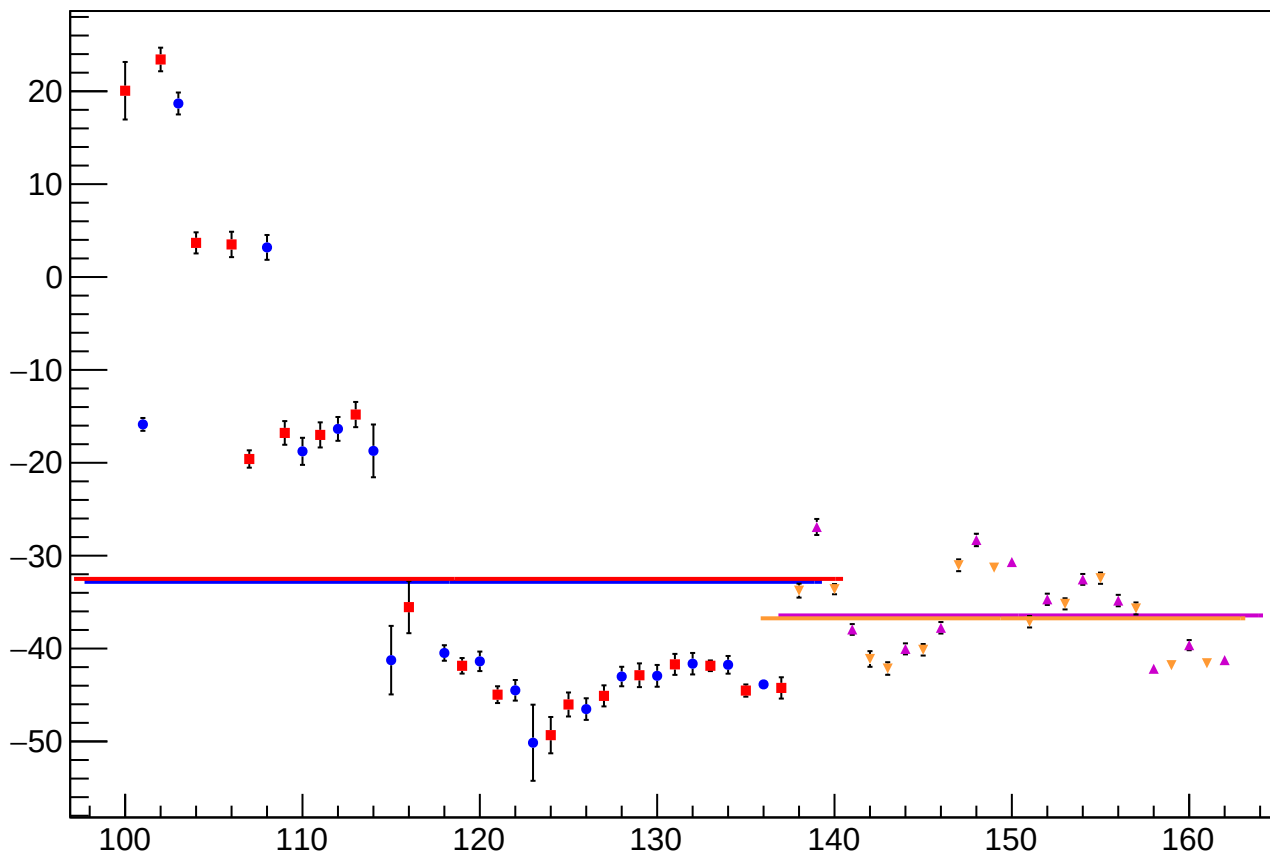
Right: 2.472 $\pm$ 0.280 χ^2 /NDF: 98.9/35

In: -6.932 $\pm$ 0.174 χ^2 /NDF: 1224.4/28

Out: -6.423 $\pm$ 0.176 χ^2 /NDF: 1044.1/31

All: -6.681 $\pm$ 0.124 χ^2 /NDF: 2272.8/60

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -36.746 ± 0.167 $\chi^2/\text{NDF}: 615.3/12$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

Left In: -36.435 ± 0.167 $\chi^2/\text{NDF}: 778.4/11$

Left: -36.591 ± 0.118 $\chi^2/\text{NDF}: 1395.4/24$

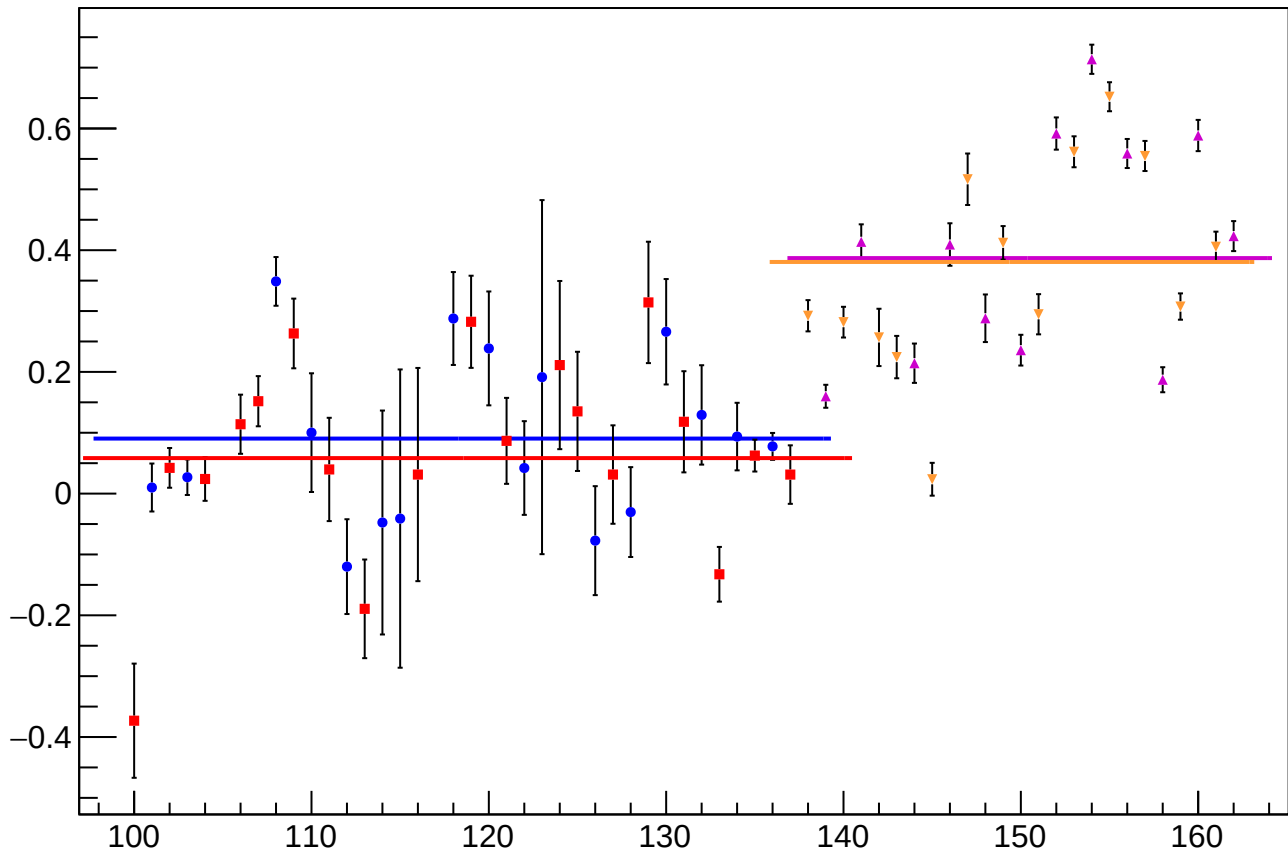
Right: -32.652 ± 0.176 $\chi^2/\text{NDF}: 10705.2/35$

In: -35.342 ± 0.140 $\chi^2/\text{NDF}: 5586.7/28$

Out: -35.394 ± 0.138 $\chi^2/\text{NDF}: 6859.4/31$

All: -35.368 ± 0.098 $\chi^2/\text{NDF}: 12446.2/60$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.381 ± 0.008 $\chi^2/\text{NDF}: 490.5/12$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

Left In: 0.387 ± 0.007 $\chi^2/\text{NDF}: 672.0/11$

Left: 0.384 ± 0.005 $\chi^2/\text{NDF}: 1162.9/24$

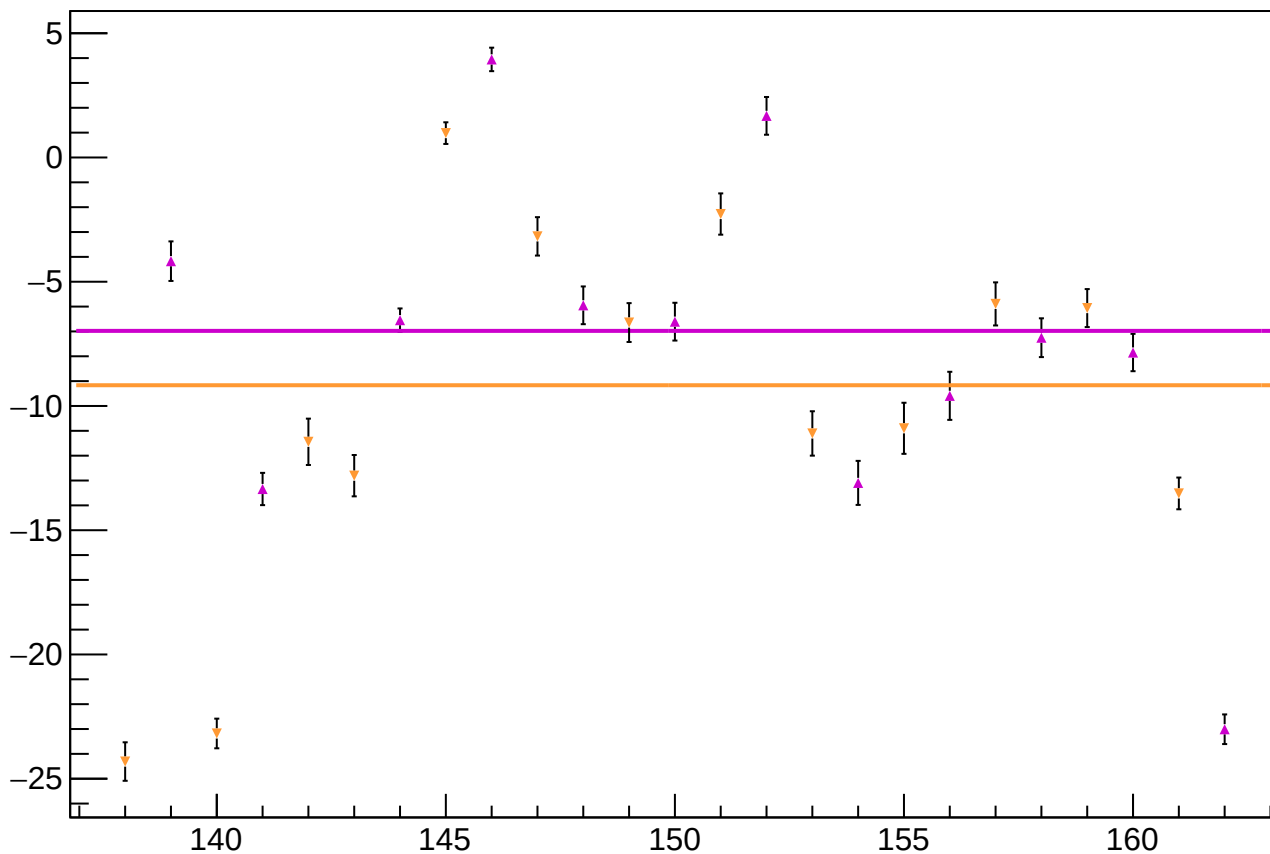
Right: 0.074 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.313 ± 0.006 $\chi^2/\text{NDF}: 1158.5/28$

Out: 0.290 ± 0.006 $\chi^2/\text{NDF}: 1083.4/31$

All: 0.301 ± 0.005 $\chi^2/\text{NDF}: 2248.4/60$

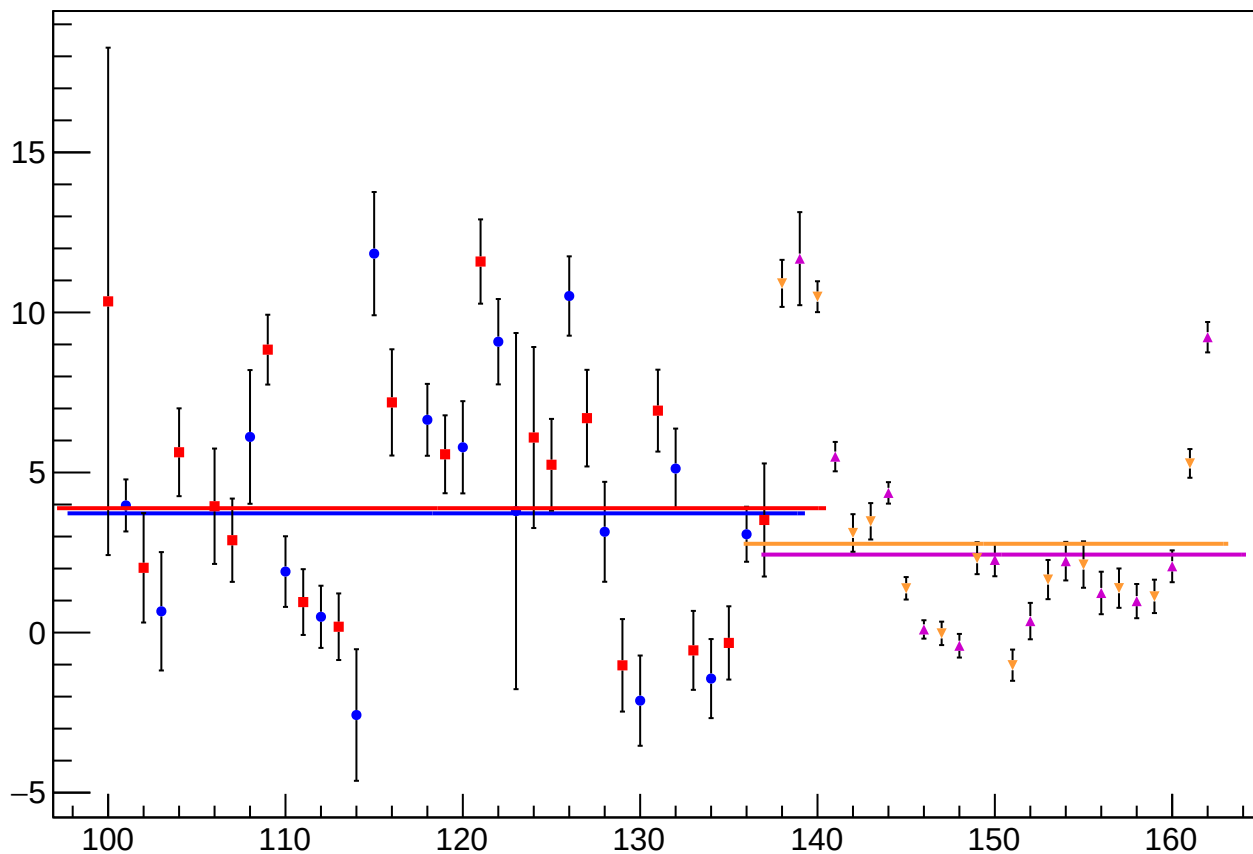
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



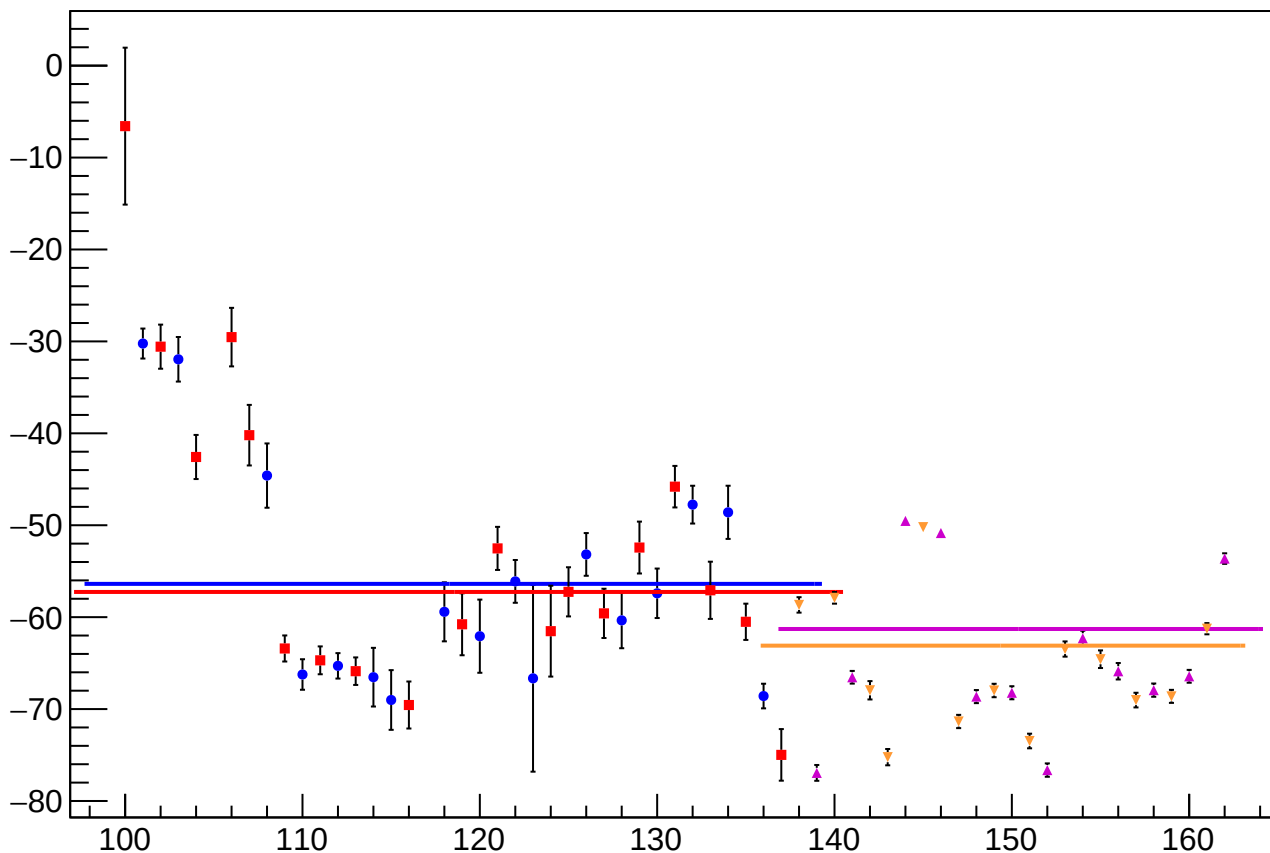
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.166+/-0.201 χ^2/NDF :1724.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.978+/-0.194 χ^2/NDF :1553.9/11

Left: -8.031+/-0.139 χ^2/NDF : 3339.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.978+/-0.194 χ^2/NDF :1553.9/11
 Out: -9.166+/-0.201 χ^2/NDF :1724.4/12
 All: -8.031+/-0.139 χ^2/NDF : 3339.8/24

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -63.099 ± 0.200 χ^2/NDF : 1550.6/12

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

Left In: -61.287 ± 0.190 χ^2/NDF : 2453.4/11

Left: -62.145 ± 0.138 χ^2/NDF : 4047.2/24

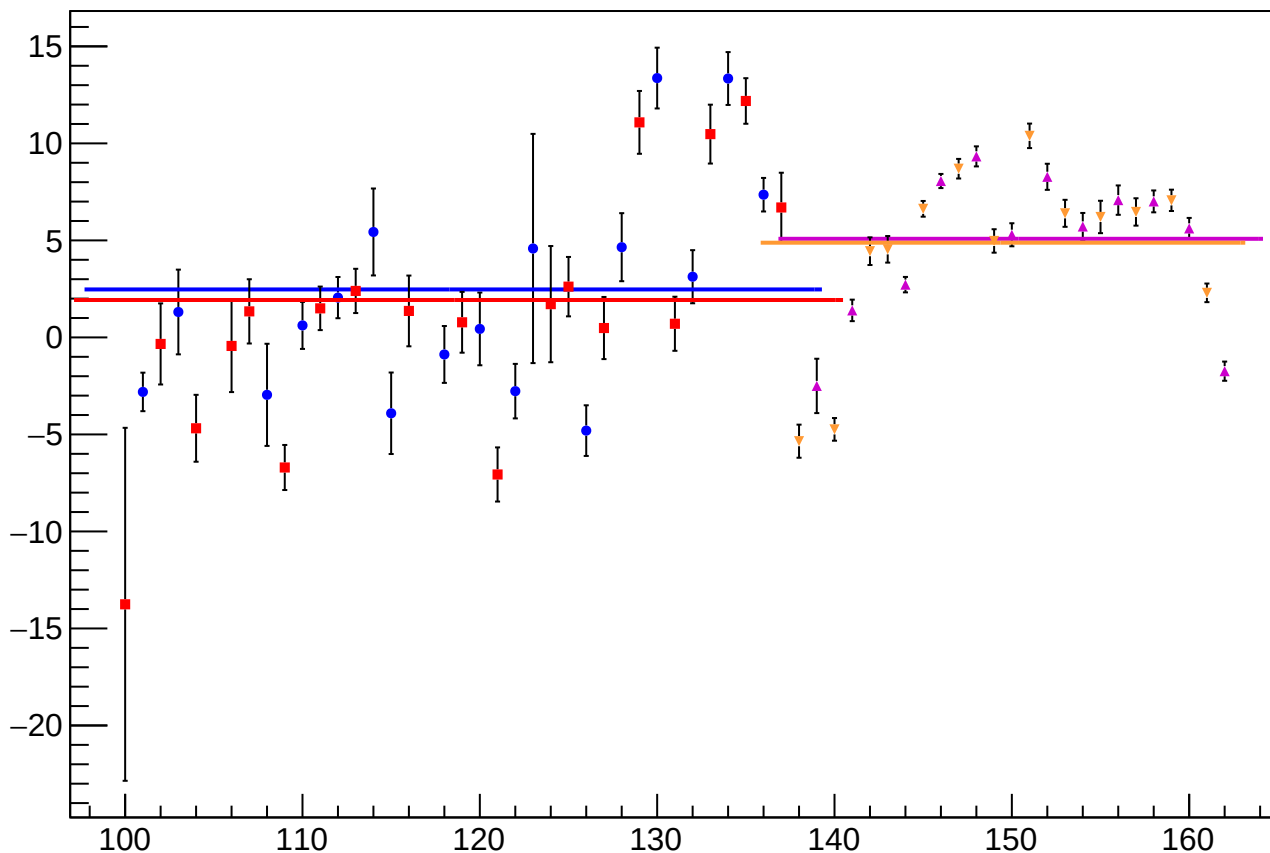
Right: -56.823 ± 0.381 χ^2/NDF : 1064.8/35

In: -60.751 ± 0.179 χ^2/NDF : 3113.8/28

Out: -62.384 ± 0.187 χ^2/NDF : 2130.9/31

All: -61.530 ± 0.129 χ^2/NDF : 5284.4/60

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.881 ± 0.165 χ^2/NDF : 624.5/12

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

Left In: 5.082 ± 0.156 χ^2/NDF : 476.5/11

Left: 4.987 ± 0.113 χ^2/NDF : 1101.8/24

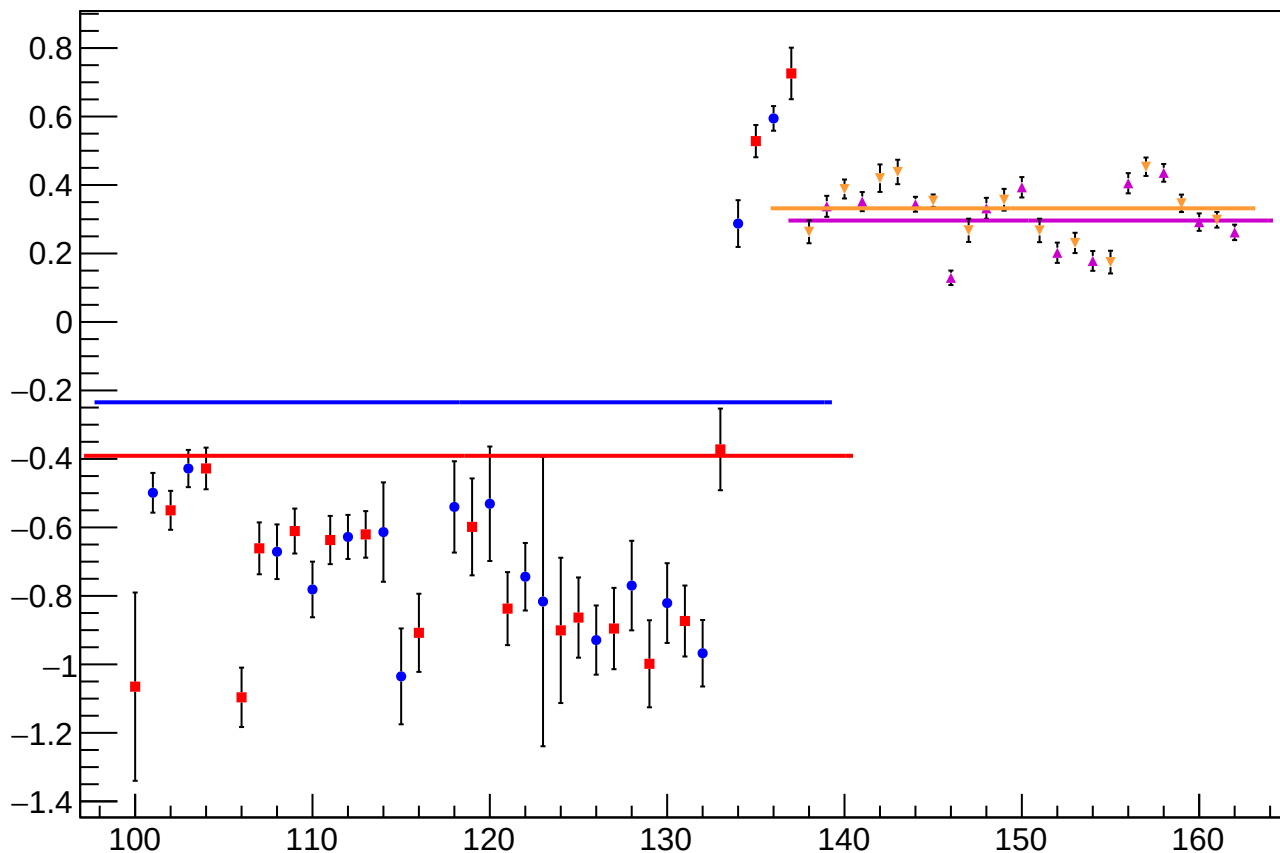
Right: 2.208 ± 0.248 χ^2/NDF : 511.4/35

In: 4.638 ± 0.143 χ^2/NDF : 767.4/28

Out: 4.357 ± 0.149 χ^2/NDF : 948.1/31

All: 4.504 ± 0.103 χ^2/NDF : 1717.3/60

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.332 ± 0.008 χ^2/NDF : 88.1/12

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

Left In: 0.296 ± 0.008 χ^2/NDF : 156.7/11

Left: 0.313 ± 0.005 χ^2/NDF : 255.5/24

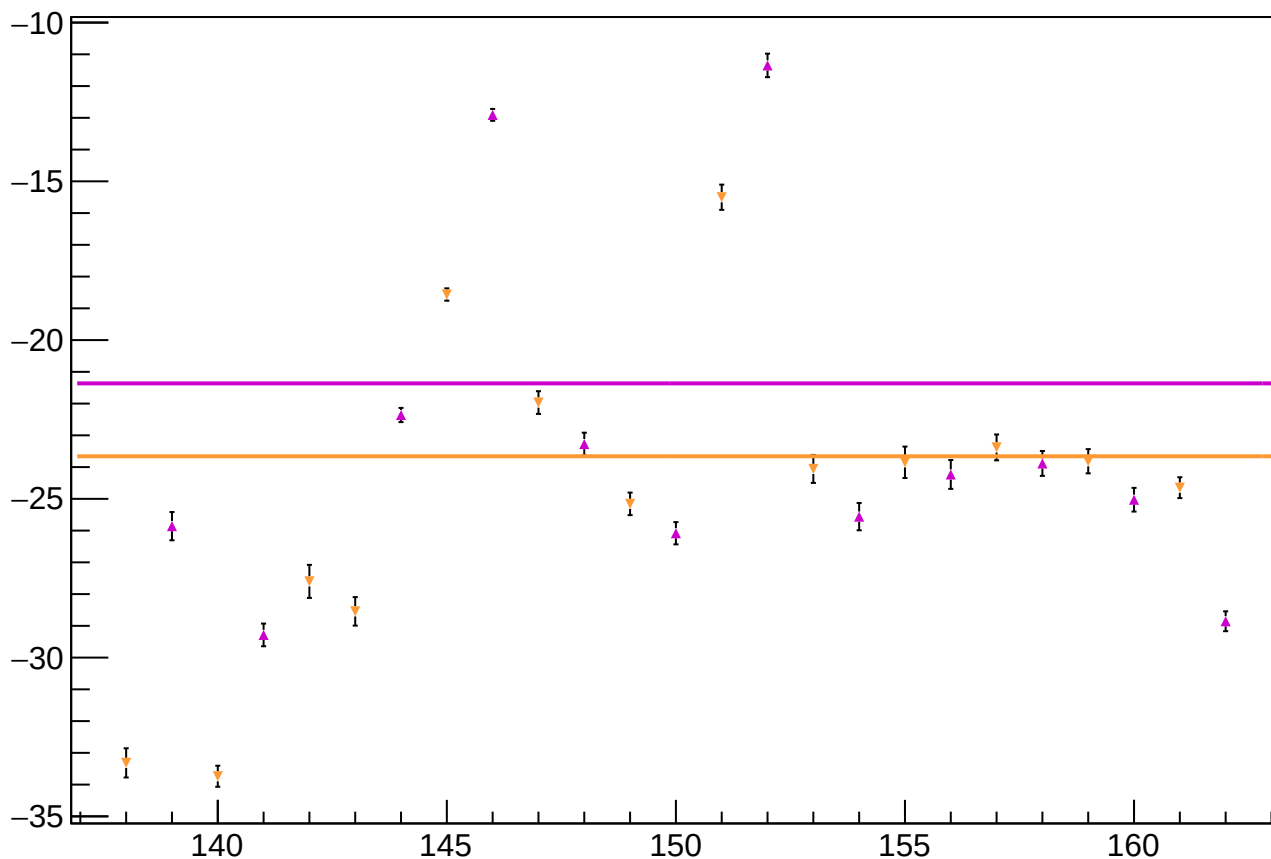
Right: -0.312 ± 0.013 χ^2/NDF : 1845.8/35

In: 0.222 ± 0.007 χ^2/NDF : 1796.2/28

Out: 0.226 ± 0.007 χ^2/NDF : 2182.3/31

All: 0.224 ± 0.005 χ^2/NDF : 3978.5/60

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -23.659 ± 0.099 $\chi^2/\text{NDF}: 2693.5/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.363 ± 0.092 $\chi^2/\text{NDF}: 4439.2/11$

Left: -22.425 ± 0.067 $\chi^2/\text{NDF}: 7422.4/24$

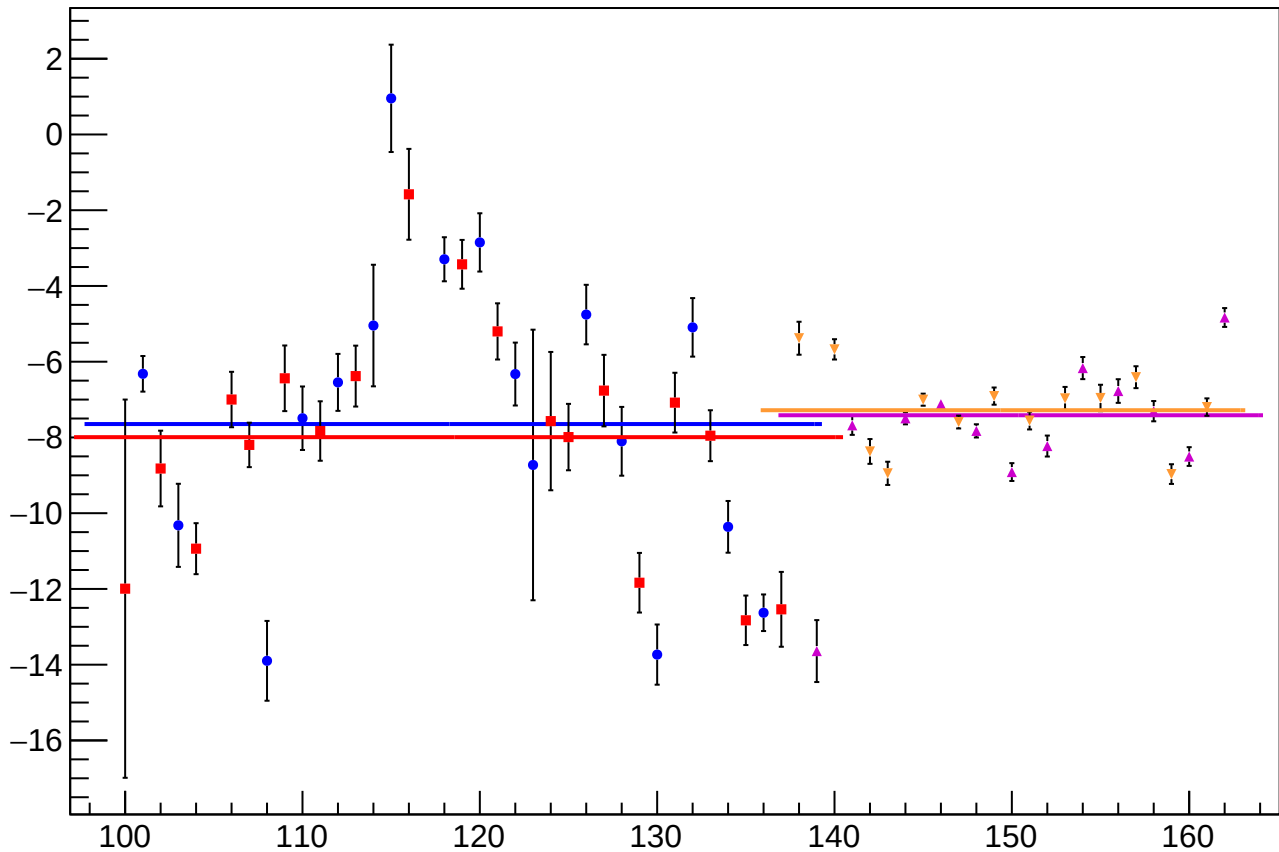
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.363 ± 0.092 $\chi^2/\text{NDF}: 4439.2/11$

Out: -23.659 ± 0.099 $\chi^2/\text{NDF}: 2693.5/12$

All: -22.425 ± 0.067 $\chi^2/\text{NDF}: 7422.4/24$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.281 ± 0.068 χ^2/NDF : 159.3/12

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

Left In: -7.414 ± 0.062 χ^2/NDF : 270.1/11

Left: -7.354 ± 0.046 χ^2/NDF : 431.5/24

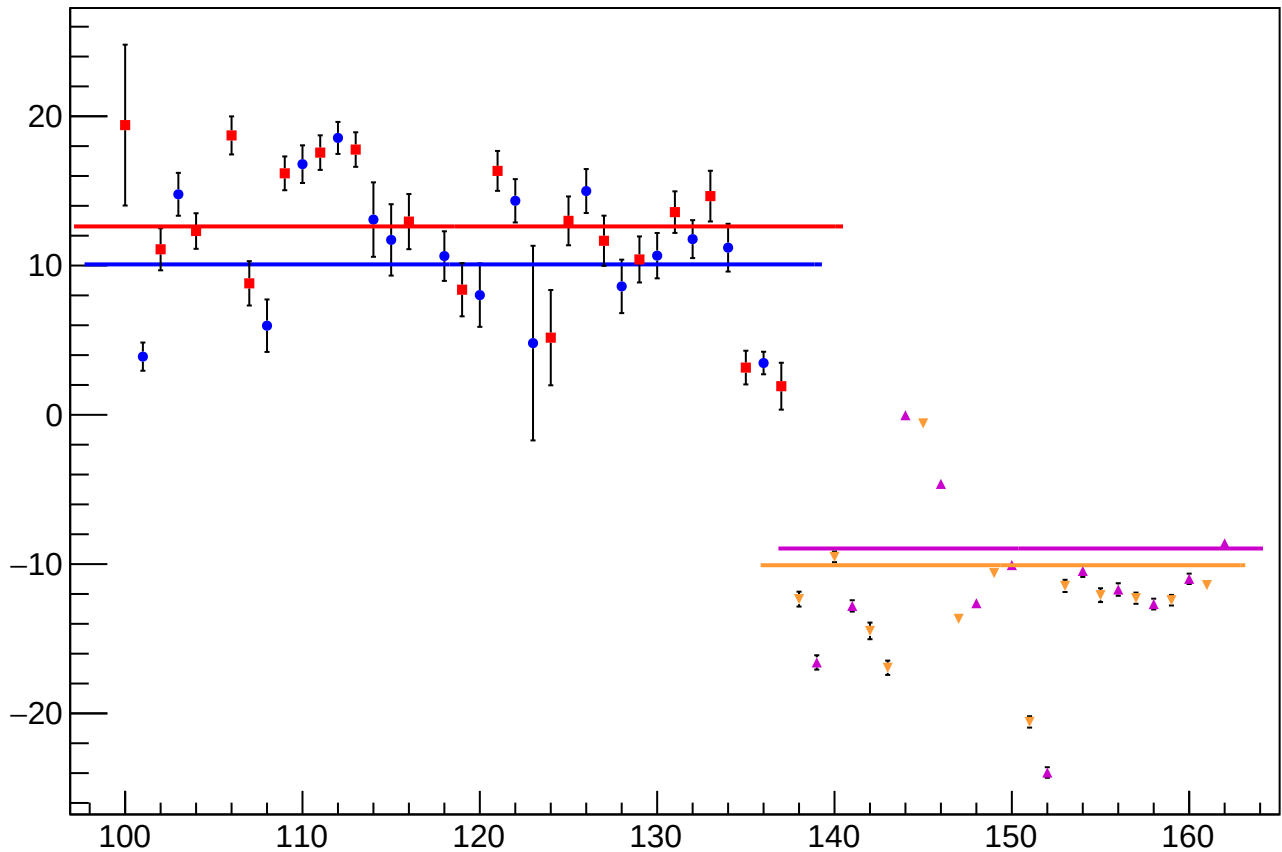
Right: -7.819 ± 0.131 χ^2/NDF : 620.8/35

In: -7.437 ± 0.059 χ^2/NDF : 665.2/28

Out: -7.365 ± 0.064 χ^2/NDF : 397.7/31

All: -7.404 ± 0.043 χ^2/NDF : 1063.5/60

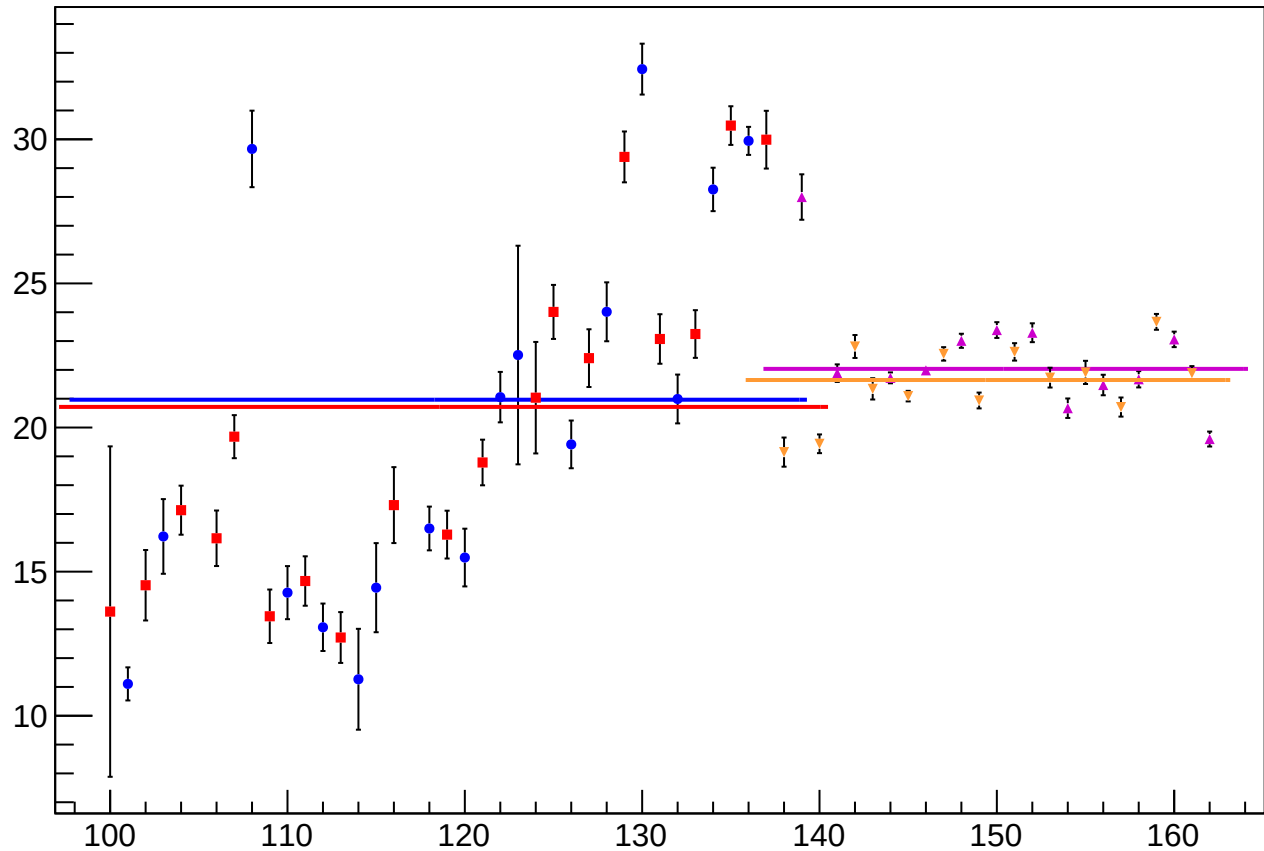
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$
 Left Out: -10.075 ± 0.098 $\chi^2/\text{NDF}: 3421.8/12$
 Right Out: 12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/18$
 Left In: -8.954 ± 0.090 $\chi^2/\text{NDF}: 4447.5/11$

Left: -9.464 ± 0.066 $\chi^2/\text{NDF}: 7940.6/24$
 Right: 11.365 ± 0.237 $\chi^2/\text{NDF}: 501.6/35$
 In: -7.695 ± 0.087 $\chi^2/\text{NDF}: 7682.5/28$
 Out: -8.259 ± 0.094 $\chi^2/\text{NDF}: 7929.5/31$
 All: -7.954 ± 0.064 $\chi^2/\text{NDF}: 15631.4/60$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965 $\pm$ 0.209 χ^2 /NDF: 1225.5/16

Left Out: 21.649 $\pm$ 0.081 χ^2 /NDF:185.0/12

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

Left In: 22.035 $\pm$ 0.074 χ^2 /NDF:238.2/11

Left: 21.860 $\pm$ 0.054 χ^2 /NDF: 435.6/24

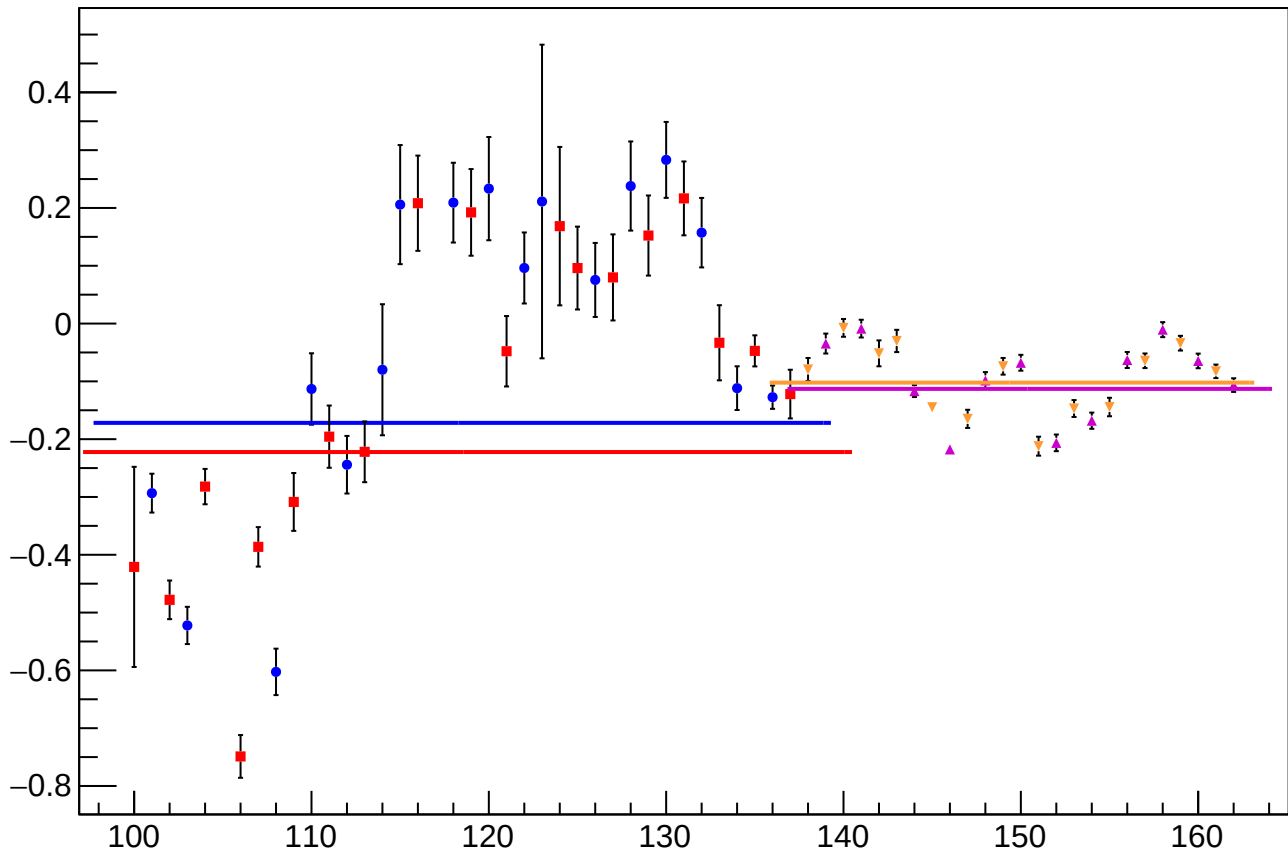
Right: 20.842 $\pm$ 0.149 χ^2 /NDF: 1956.1/35

In: 21.917 $\pm$ 0.070 χ^2 /NDF:1486.8/28

Out: 21.531 $\pm$ 0.076 χ^2 /NDF:931.7/31

All: 21.740 $\pm$ 0.051 χ^2 /NDF: 2432.7/60

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.102 ± 0.004 χ^2/NDF : 207.6/12

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/11

Left: -0.108 ± 0.003 χ^2/NDF : 592.1/24

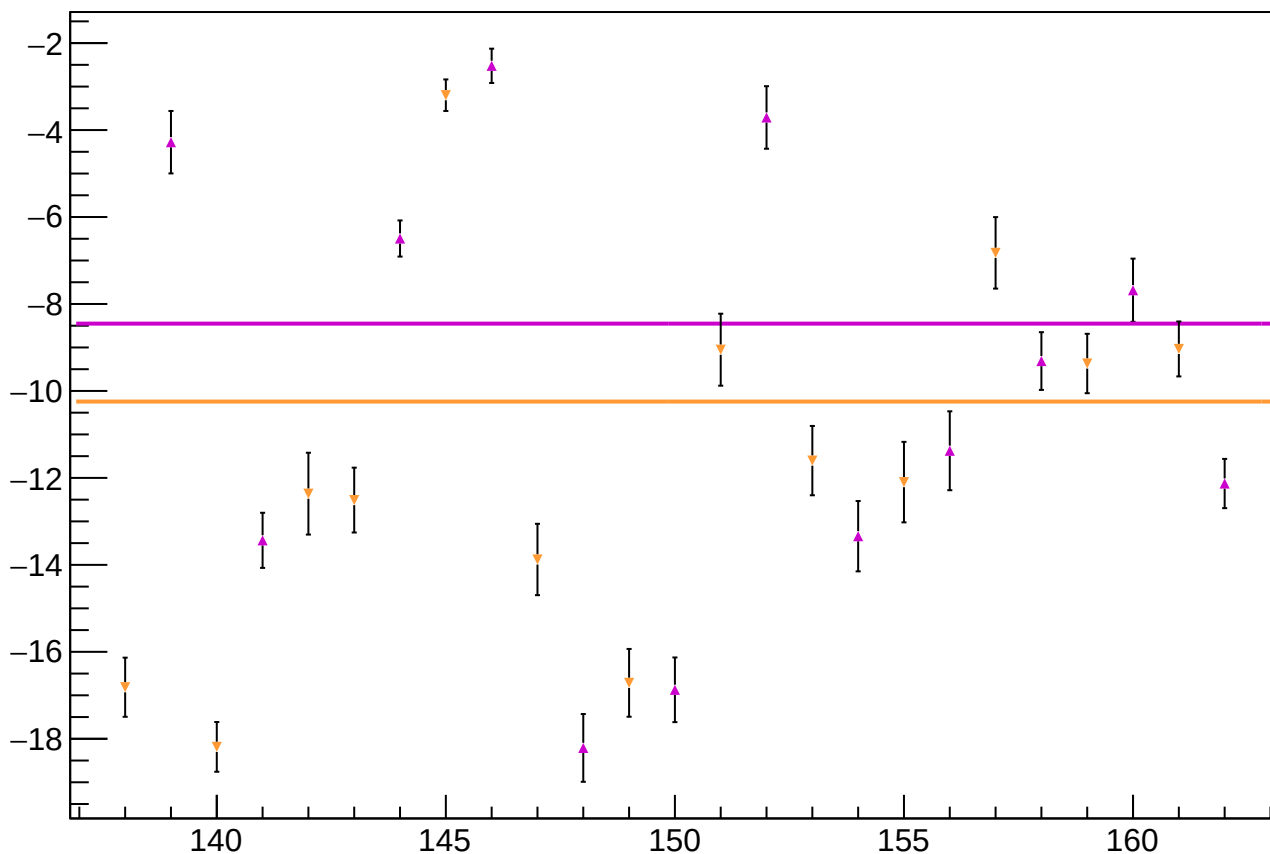
Right: -0.198 ± 0.008 χ^2/NDF : 1010.7/35

In: -0.119 ± 0.003 χ^2/NDF : 869.5/28

Out: -0.115 ± 0.004 χ^2/NDF : 850.9/31

All: -0.117 ± 0.003 χ^2/NDF : 1720.8/60

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: -10.244+/-0.185 χ^2/NDF : 797.8/12

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

Left In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Left: -9.306+/-0.128 χ^2/NDF : 1610.9/24

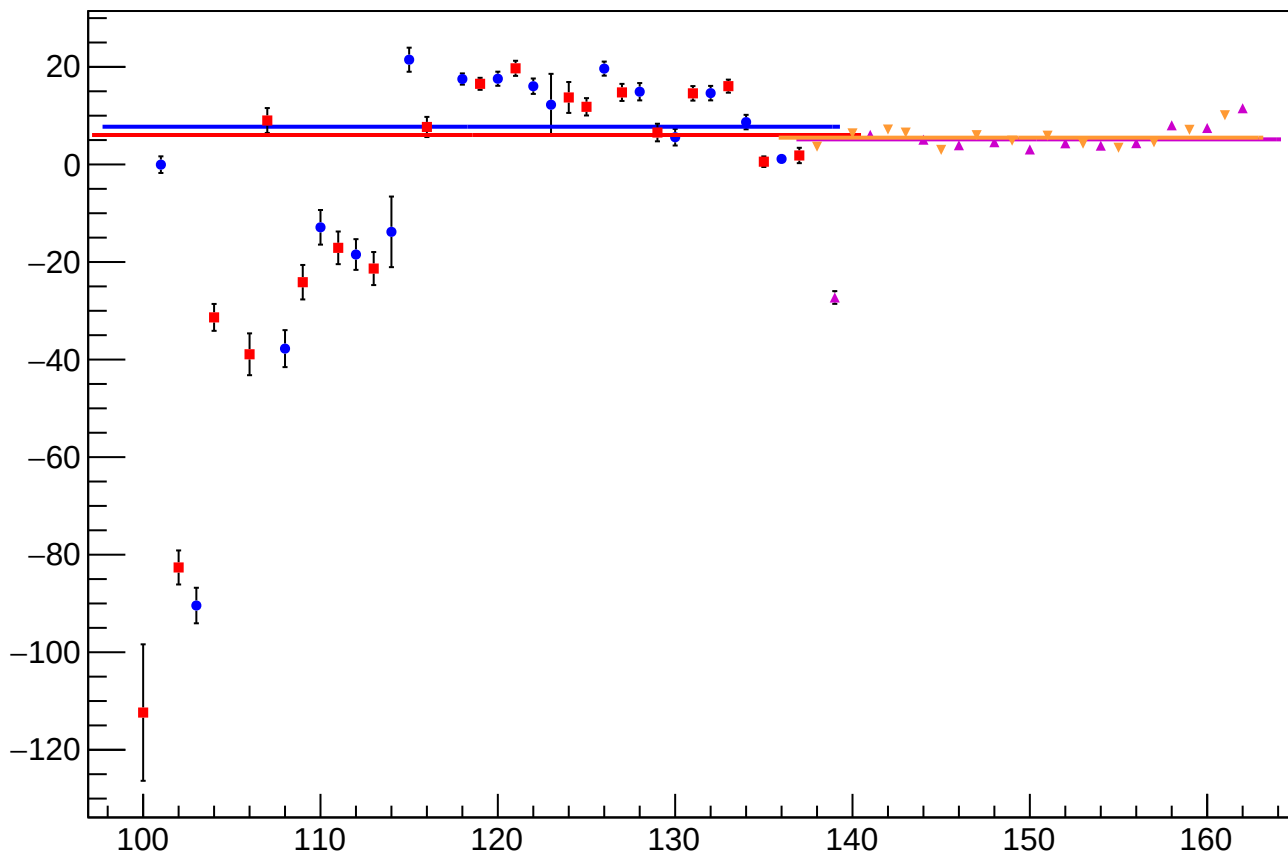
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Out: -10.244+/-0.185 χ^2/NDF : 797.8/12

All: -9.306+/-0.128 χ^2/NDF : 1610.9/24

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 5.492 ± 0.130 $\chi^2/\text{NDF}: 240.7/12$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

Left In: 5.143 ± 0.122 $\chi^2/\text{NDF}: 934.3/11$

Left: 5.306 ± 0.089 $\chi^2/\text{NDF}: 1178.8/24$

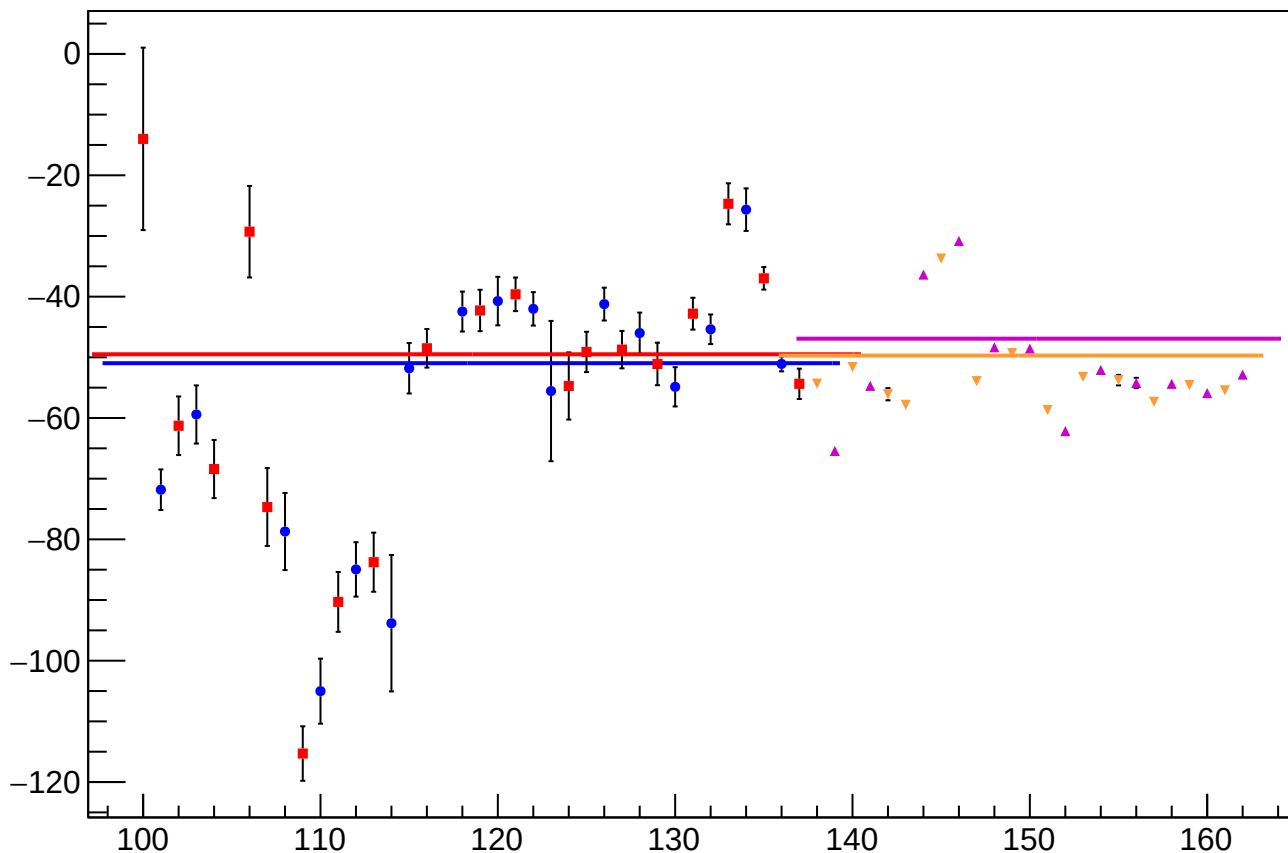
Right: 6.952 ± 0.295 $\chi^2/\text{NDF}: 2878.8/35$

In: 5.361 ± 0.117 $\chi^2/\text{NDF}: 2330.8/28$

Out: 5.537 ± 0.125 $\chi^2/\text{NDF}: 1754.3/31$

All: 5.443 ± 0.085 $\chi^2/\text{NDF}: 4086.1/60$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -49.708 ± 0.185 χ^2/NDF : 2350.4/12

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

Left In: -46.929 ± 0.173 χ^2/NDF : 4123.1/11

Left: -48.225 ± 0.127 χ^2/NDF : 6593.3/24

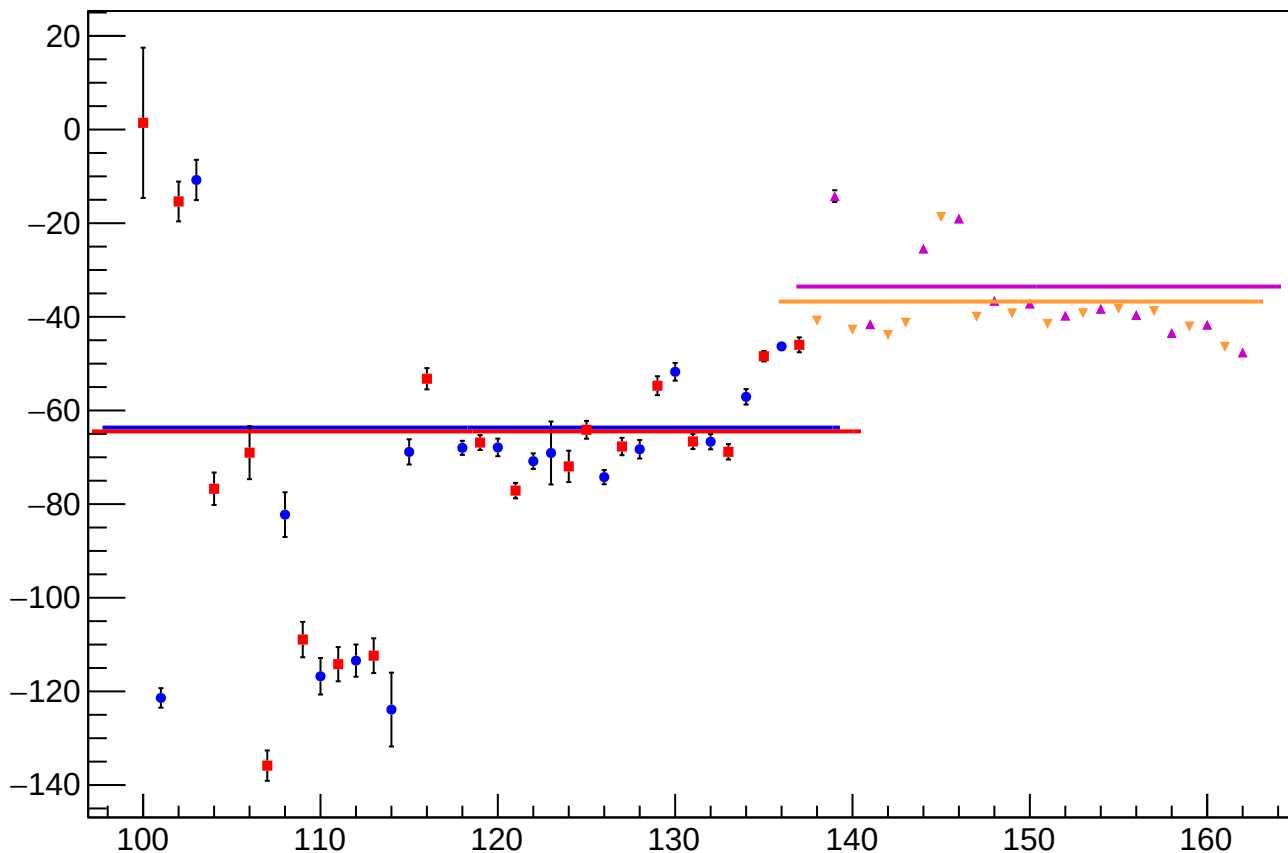
Right: -50.288 ± 0.541 χ^2/NDF : 844.9/35

In: -47.140 ± 0.169 χ^2/NDF : 4484.1/28

Out: -49.697 ± 0.181 χ^2/NDF : 2860.8/31

All: -48.332 ± 0.123 χ^2/NDF : 7451.9/60

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -36.733 $\pm$ 0.153 χ^2 /NDF:3892.6/12

Right Out: -64.470 $\pm$ 0.483 χ^2 /NDF: 1606.8/18

Left In: -33.537 $\pm$ 0.144 χ^2 /NDF:4974.8/11

Left: -35.035 $\pm$ 0.105 χ^2 /NDF: 9098.0/24

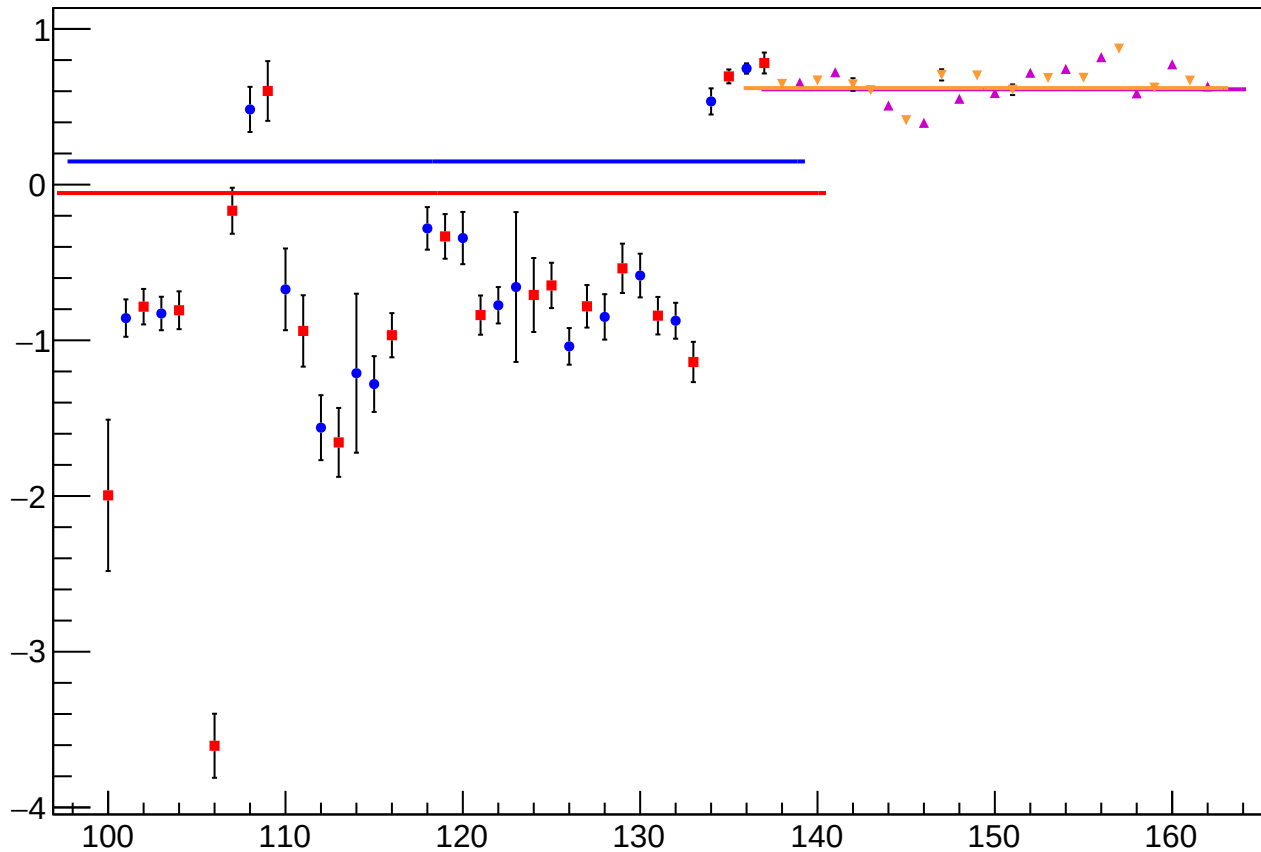
Right: -64.030 $\pm$ 0.327 χ^2 /NDF: 3623.1/35

In: -36.391 $\pm$ 0.137 χ^2 /NDF:11129.8/28

Out: -39.281 $\pm$ 0.146 χ^2 /NDF:8500.4/31

All: -37.743 $\pm$ 0.100 χ^2 /NDF: 19838.1/60

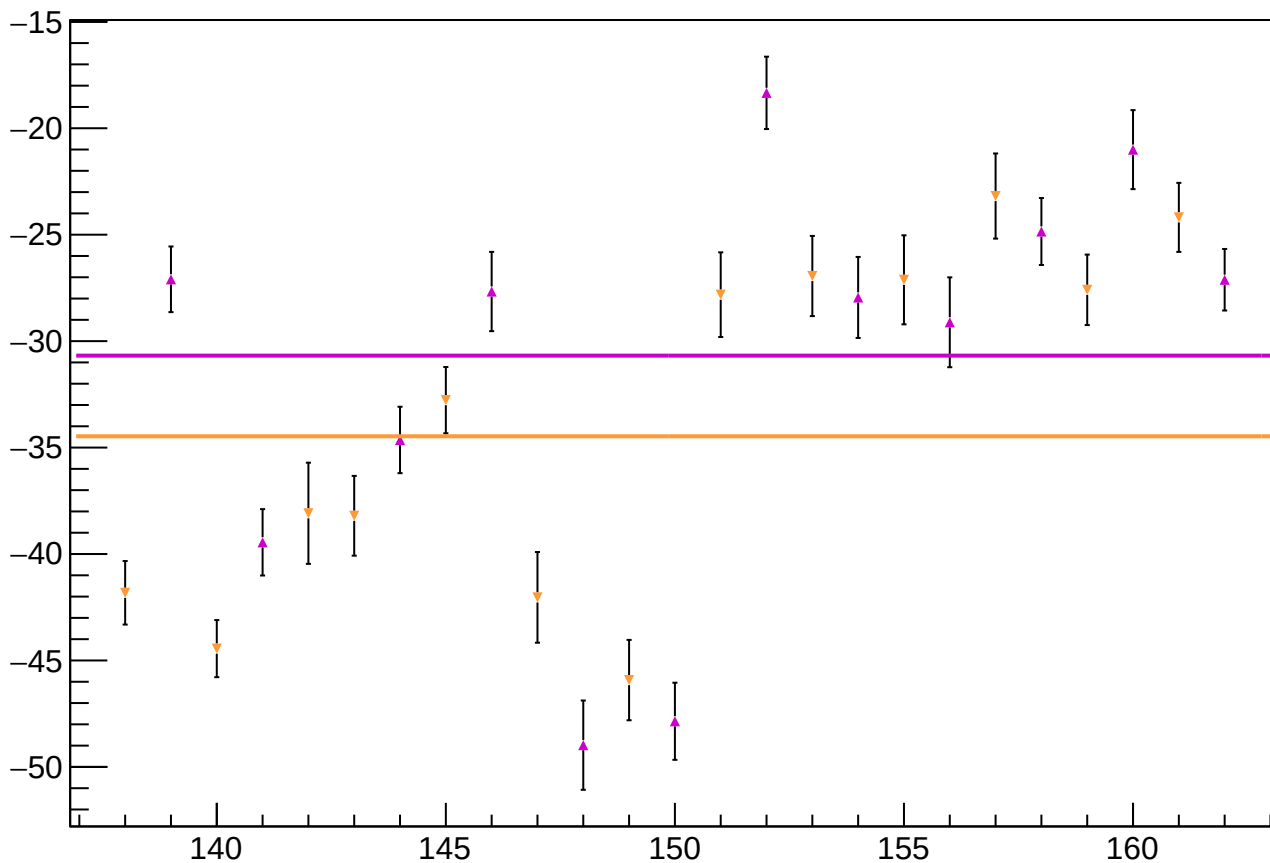
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16
 Left Out: 0.620 ± 0.007 χ^2/NDF : 315.5/12
 Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18
 Left In: 0.612 ± 0.007 χ^2/NDF : 337.2/11

Left: 0.616 ± 0.005 χ^2/NDF : 653.3/24
 Right: 0.056 ± 0.018 χ^2/NDF : 2190.5/35
 In: 0.576 ± 0.007 χ^2/NDF : 1671.5/28
 Out: 0.572 ± 0.007 χ^2/NDF : 2098.5/31
 All: 0.574 ± 0.005 χ^2/NDF : 3770.1/60

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



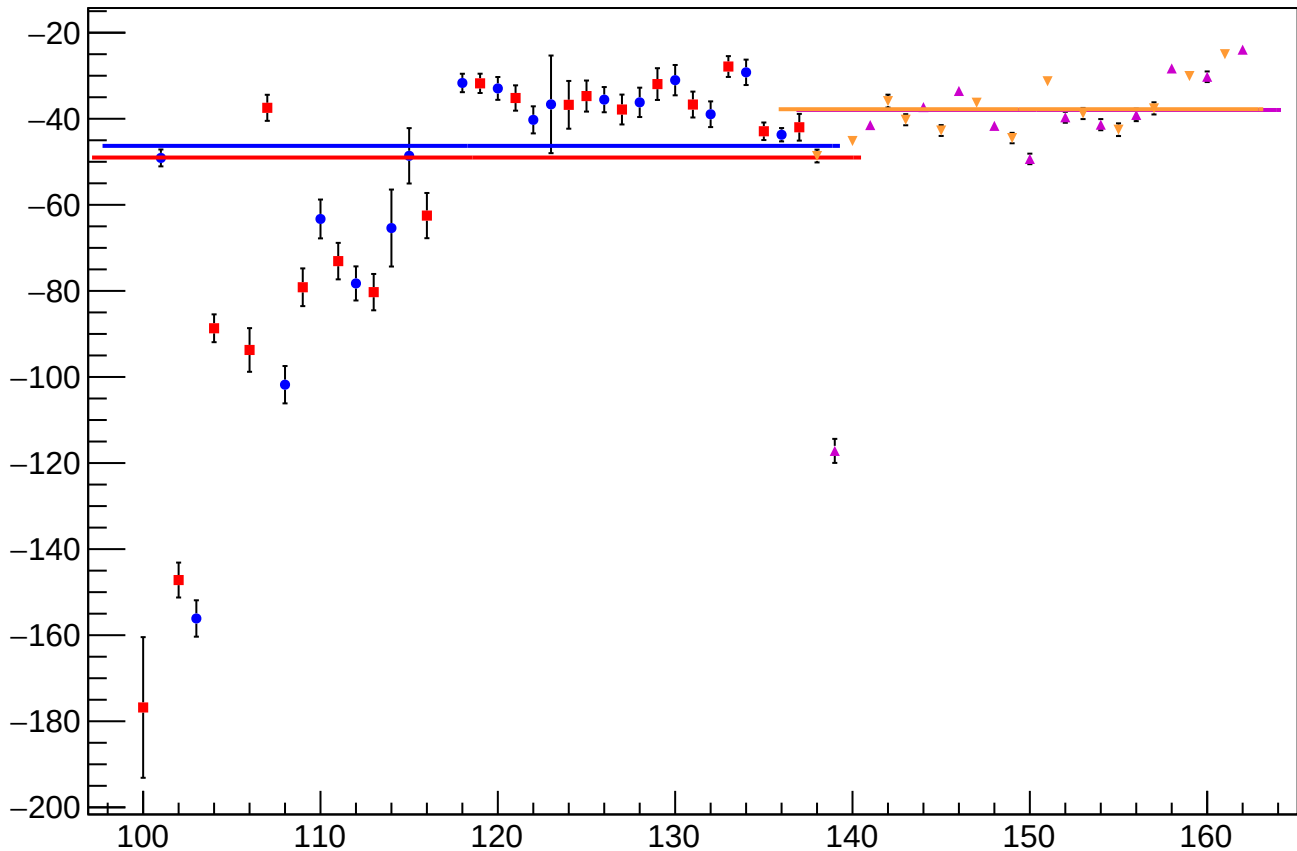
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.469+/-0.491 χ^2/NDF :265.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.680+/-0.495 χ^2/NDF :314.5/11

Left: -32.587+/-0.349 χ^2/NDF : 609.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.680+/-0.495 χ^2/NDF :314.5/11
 Out: -34.469+/-0.491 χ^2/NDF :265.4/12

All: -32.587+/-0.349 χ^2/NDF : 609.4/24

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -37.783 ± 0.344 $\chi^2/\text{NDF}: 366.3/12$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

Left In: -37.961 ± 0.352 $\chi^2/\text{NDF}: 1204.2/11$

Left: -37.870 ± 0.246 $\chi^2/\text{NDF}: 1570.6/24$

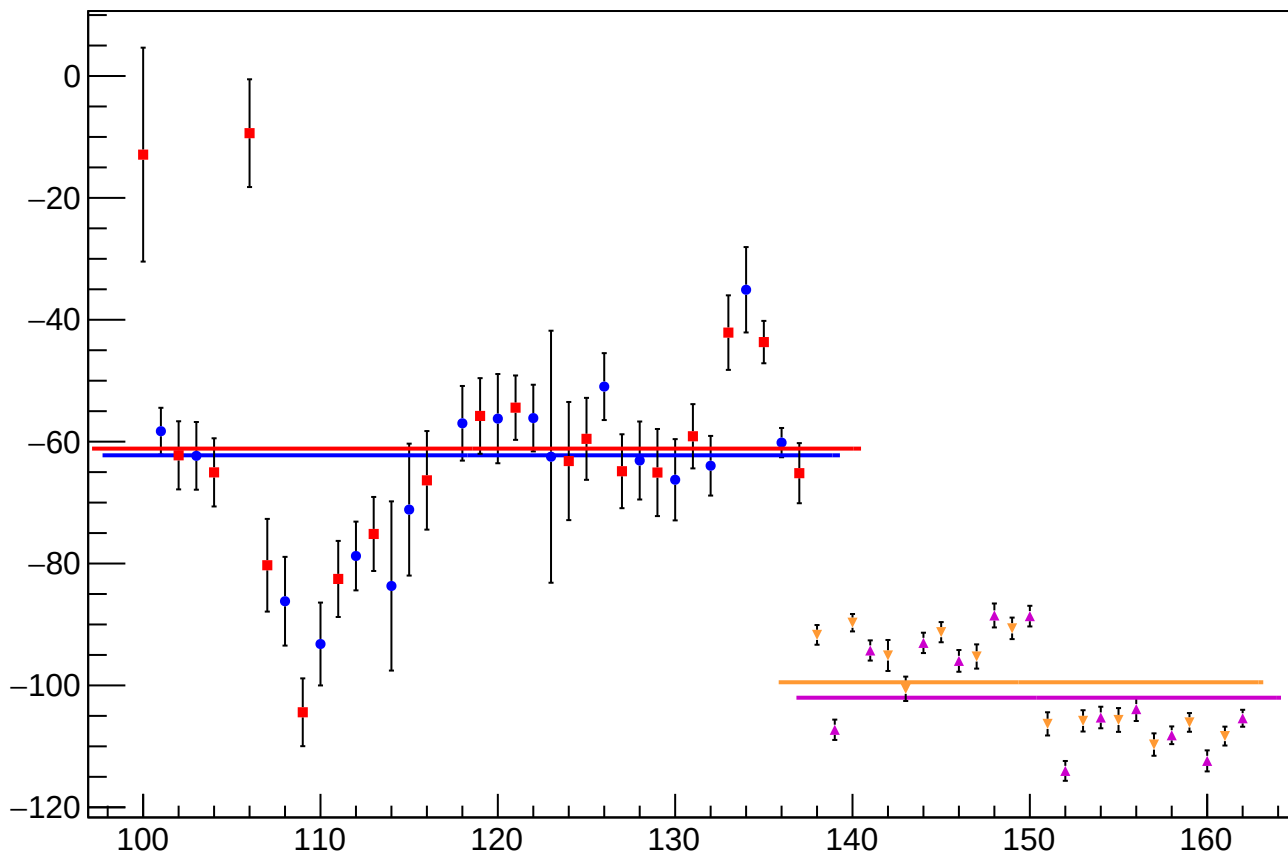
Right: -47.580 ± 0.525 $\chi^2/\text{NDF}: 2362.3/35$

In: -39.559 ± 0.316 $\chi^2/\text{NDF}: 2395.9/28$

Out: -39.678 ± 0.314 $\chi^2/\text{NDF}: 1817.5/31$

All: -39.619 ± 0.223 $\chi^2/\text{NDF}: 4213.4/60$

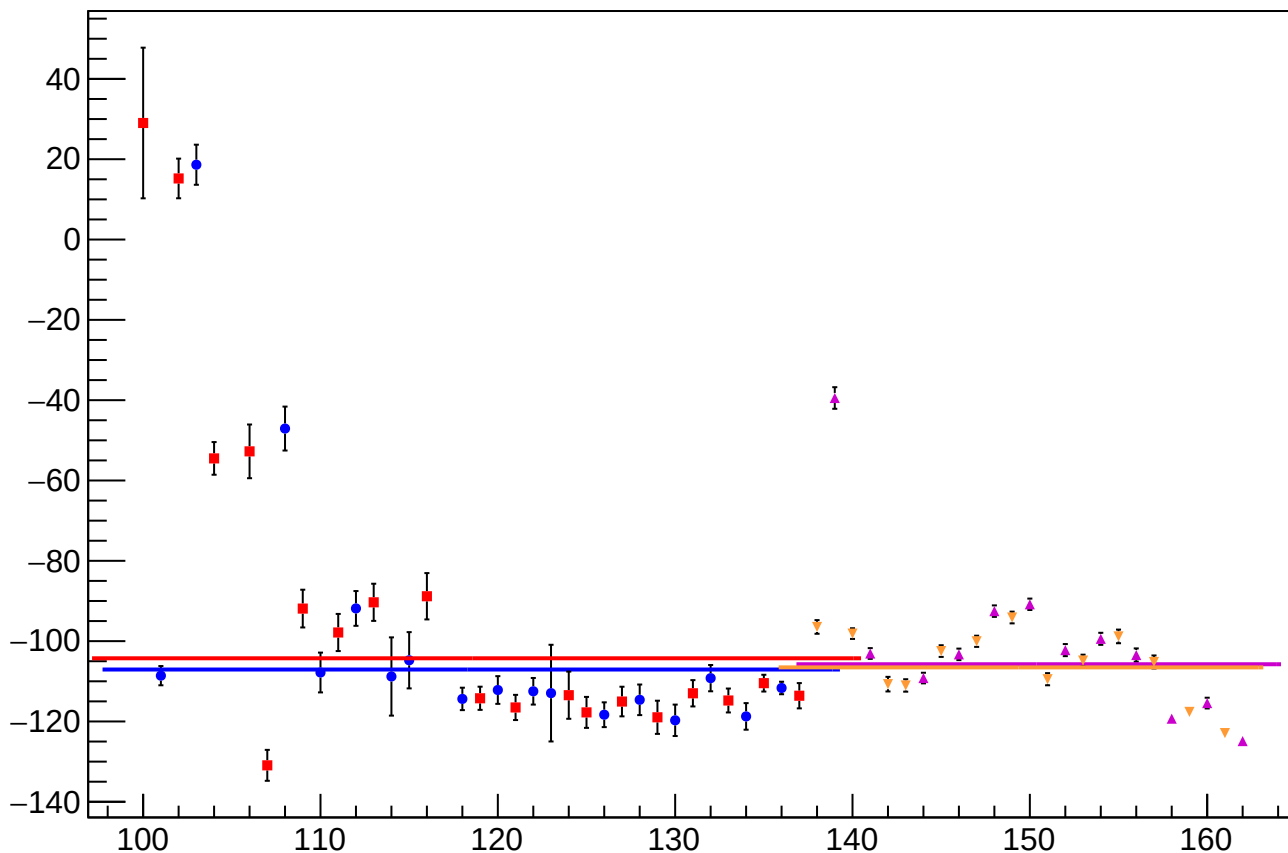
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$
 Left Out: -99.483 ± 0.487 $\chi^2/\text{NDF}: 245.4/12$
 Right Out: -61.142 ± 1.379 $\chi^2/\text{NDF}: 165.6/18$
 Left In: -102.018 ± 0.483 $\chi^2/\text{NDF}: 300.7/11$

Left: -100.761 ± 0.343 $\chi^2/\text{NDF}: 559.7/24$
 Right: -61.720 ± 0.950 $\chi^2/\text{NDF}: 233.3/35$
 In: -97.262 ± 0.453 $\chi^2/\text{NDF}: 1179.6/28$
 Out: -95.235 ± 0.459 $\chi^2/\text{NDF}: 1097.9/31$
 All: -96.262 ± 0.322 $\chi^2/\text{NDF}: 2287.4/60$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066 ± 0.811 $\chi^2/\text{NDF}: 828.4/16$

Left Out: -106.536 ± 0.405 $\chi^2/\text{NDF}: 484.4/12$

Right Out: -104.269 ± 0.861 $\chi^2/\text{NDF}: 1018.6/18$

Left In: -105.753 ± 0.408 $\chi^2/\text{NDF}: 1288.7/11$

Left: -106.147 ± 0.287 $\chi^2/\text{NDF}: 1774.9/24$

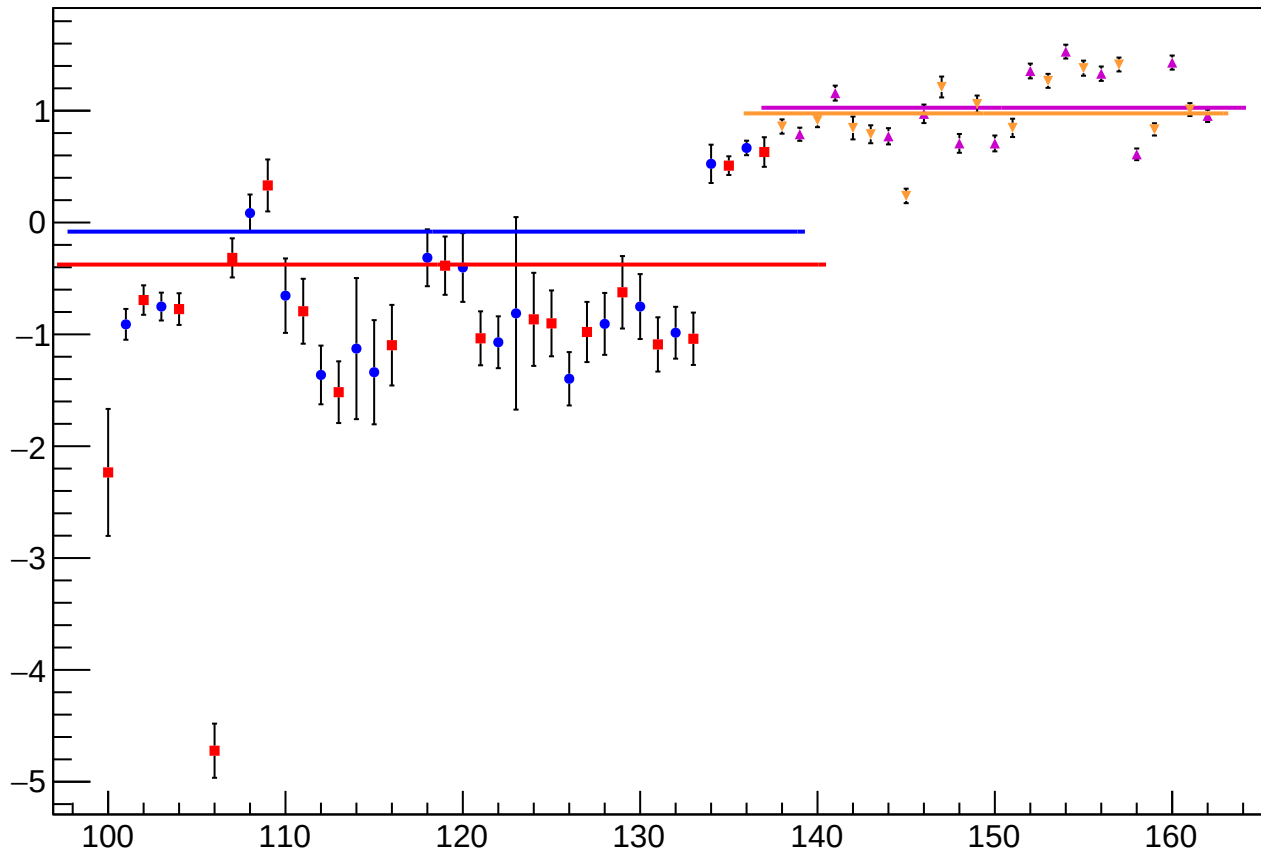
Right: -105.751 ± 0.590 $\chi^2/\text{NDF}: 1852.6/35$

In: -106.018 ± 0.364 $\chi^2/\text{NDF}: 2119.1/28$

Out: -106.125 ± 0.367 $\chi^2/\text{NDF}: 1508.7/31$

All: -106.071 ± 0.258 $\chi^2/\text{NDF}: 3627.9/60$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.976 ± 0.019 χ^2/NDF : 265.1/12

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

Left In: 1.026 ± 0.019 χ^2/NDF : 286.3/11

Left: 1.001 ± 0.013 χ^2/NDF : 555.0/24

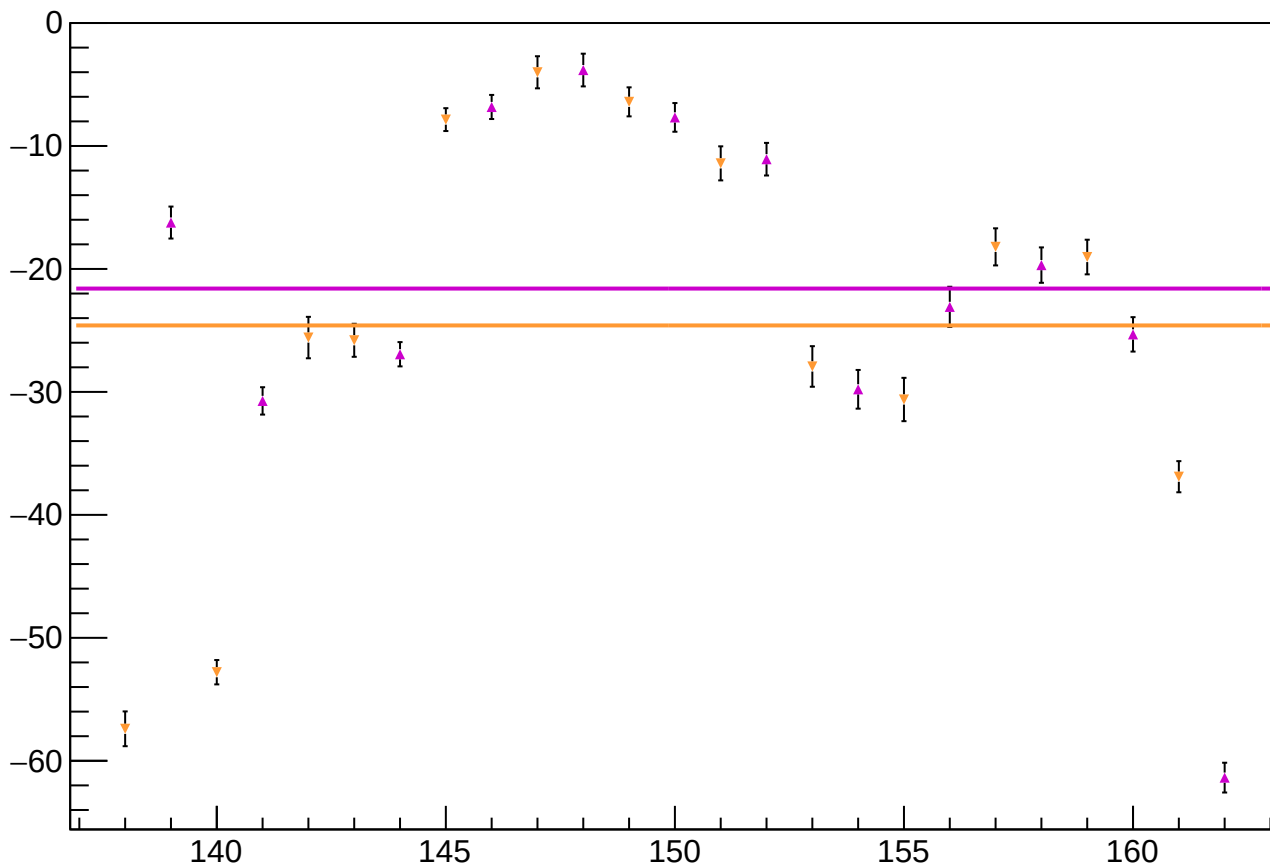
Right: -0.223 ± 0.030 χ^2/NDF : 935.4/35

In: 0.845 ± 0.017 χ^2/NDF : 1192.2/28

Out: 0.764 ± 0.017 χ^2/NDF : 1647.6/31

All: 0.805 ± 0.012 χ^2/NDF : 2850.8/60

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



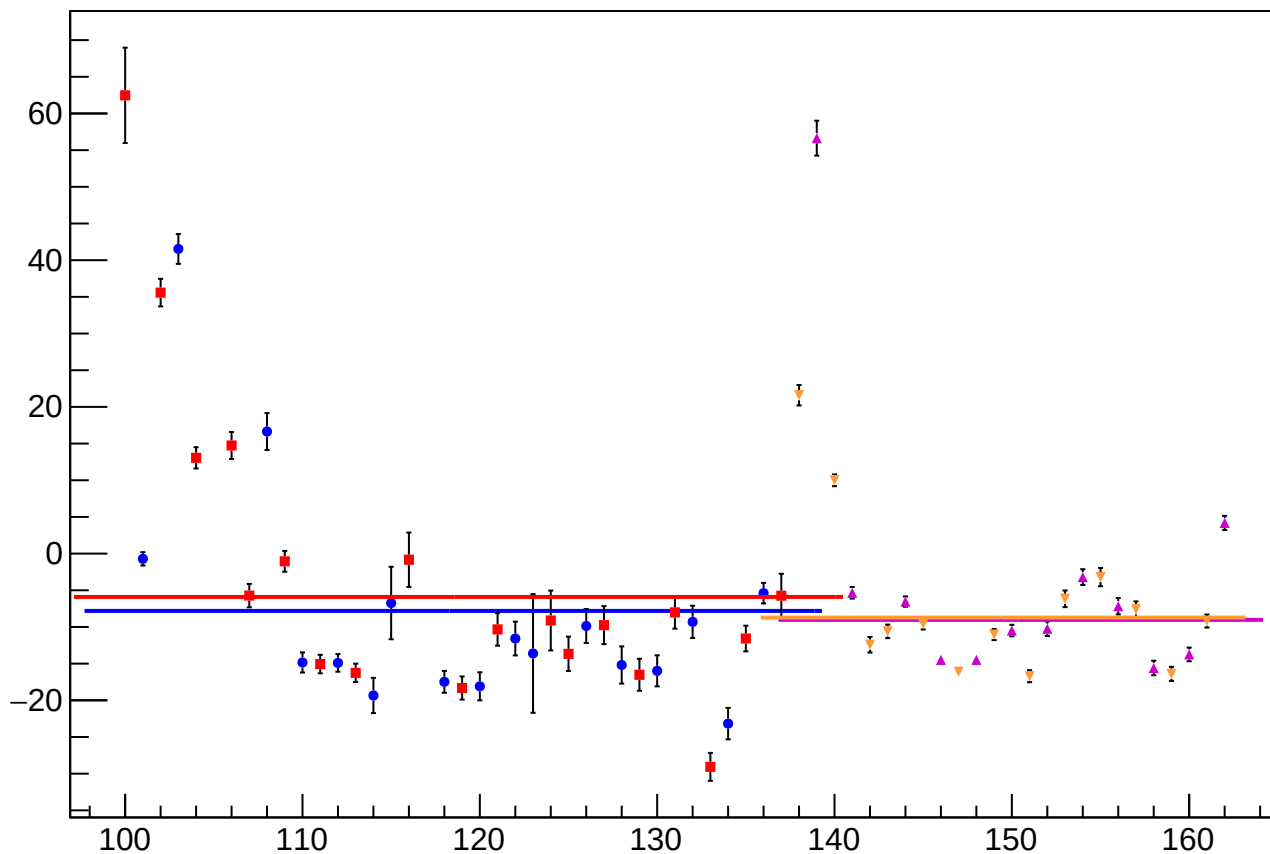
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.594+/-0.361 χ^2/NDF :2394.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.596+/-0.358 χ^2/NDF :1840.1/11

Left: -23.083+/-0.254 χ^2/NDF : 4269.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.596+/-0.358 χ^2/NDF :1840.1/11
 Out: -24.594+/-0.361 χ^2/NDF :2394.9/12

All: -23.083+/-0.254 χ^2/NDF : 4269.7/24

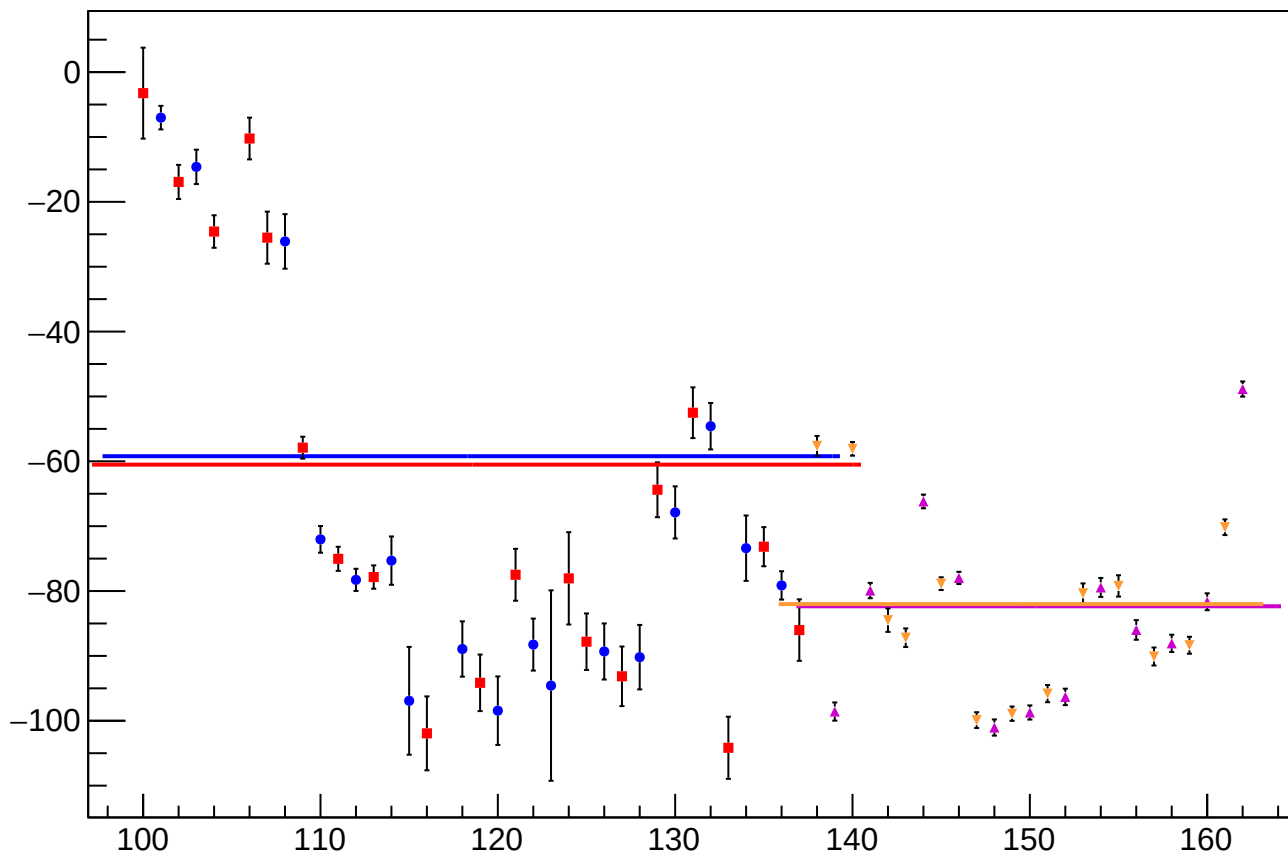
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16
 Left Out: -8.725 ± 0.248 χ^2/NDF : 1361.7/12
 Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18
 Left In: -9.029 ± 0.248 χ^2/NDF : 1238.0/11

Left: -8.877 ± 0.175 χ^2/NDF : 2600.5/24
 Right: -6.864 ± 0.303 χ^2/NDF : 2285.7/35
 In: -8.723 ± 0.214 χ^2/NDF : 2226.8/28
 Out: -8.020 ± 0.215 χ^2/NDF : 2687.1/31
 All: -8.372 ± 0.152 χ^2/NDF : 4919.3/60

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214 $\pm$ 0.744 χ^2 /NDF: 1720.4/16

Left Out: -82.012 $\pm$ 0.358 χ^2 /NDF:1509.7/12

Right Out: -60.513 $\pm$ 0.704 χ^2 /NDF: 1383.9/18

Left In: -82.349 $\pm$ 0.350 χ^2 /NDF:1817.1/11

Left: -82.184 $\pm$ 0.250 χ^2 /NDF: 3327.2/24

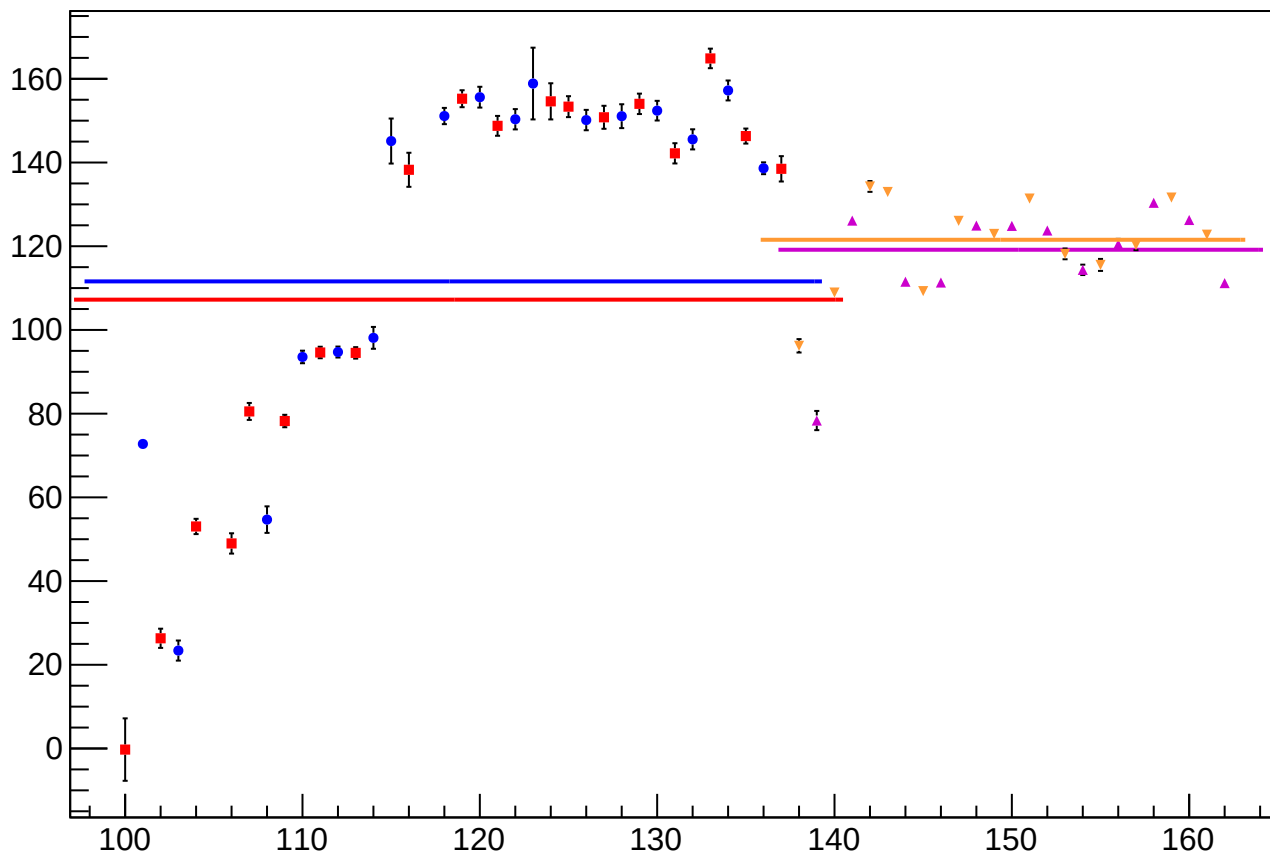
Right: -59.899 $\pm$ 0.511 χ^2 /NDF: 3105.9/35

In: -78.146 $\pm$ 0.317 χ^2 /NDF:4329.3/28

Out: -77.597 $\pm$ 0.319 χ^2 /NDF:3634.3/31

All: -77.873 $\pm$ 0.225 χ^2 /NDF: 7965.1/60

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 121.545 $\pm$ 0.295 χ^2 /NDF:1060.2/12

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

Left In: 119.161 $\pm$ 0.292 χ^2 /NDF:896.0/11

Left: 120.340 $\pm$ 0.208 χ^2 /NDF: 1989.1/24

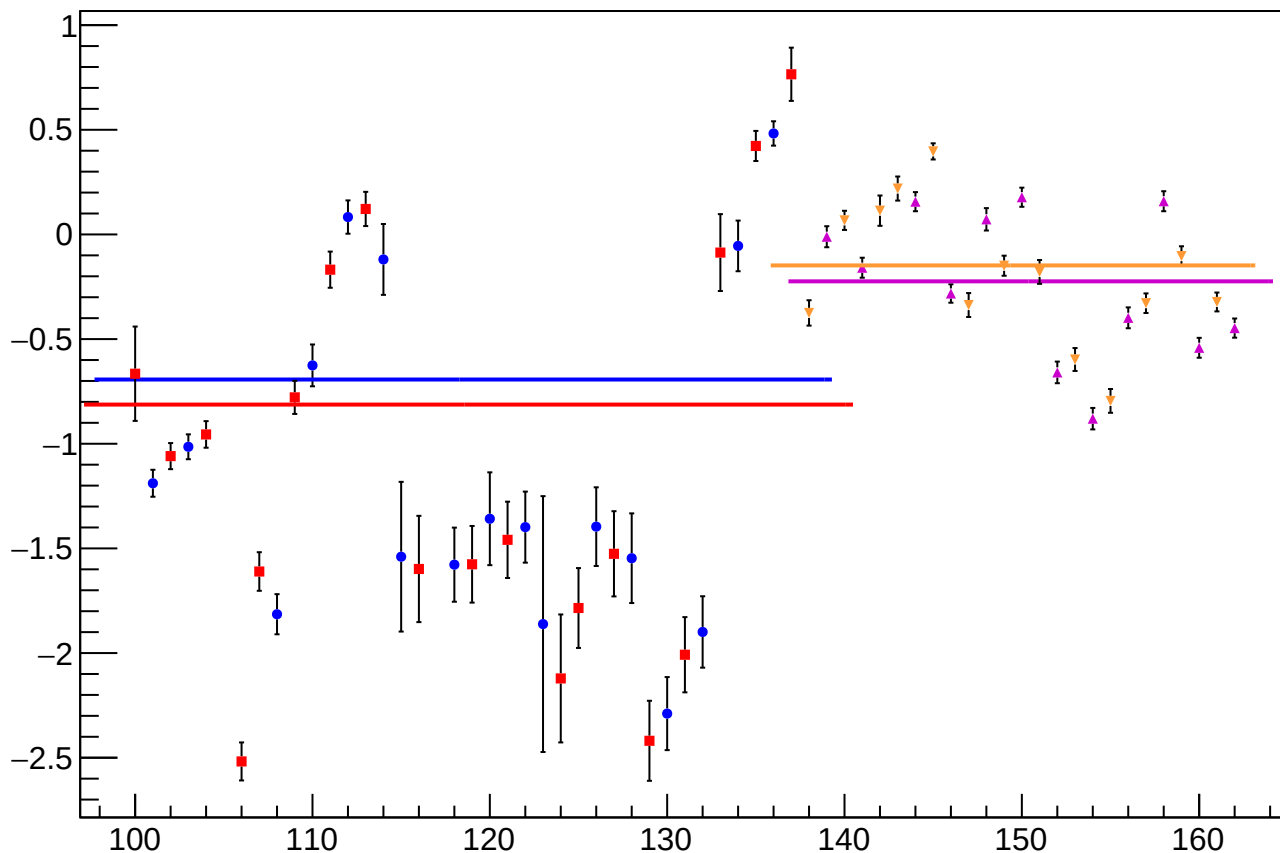
Right: 109.423 $\pm$ 0.344 χ^2 /NDF: 13037.0/35

In: 117.155 $\pm$ 0.251 χ^2 /NDF:7033.0/28

Out: 117.704 $\pm$ 0.253 χ^2 /NDF:8727.2/31

All: 117.427 $\pm$ 0.178 χ^2 /NDF: 15762.6/60

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.148 ± 0.014 χ^2/NDF : 528.4/12

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

Left In: -0.224 ± 0.014 χ^2/NDF : 578.6/11

Left: -0.187 ± 0.010 χ^2/NDF : 1121.7/24

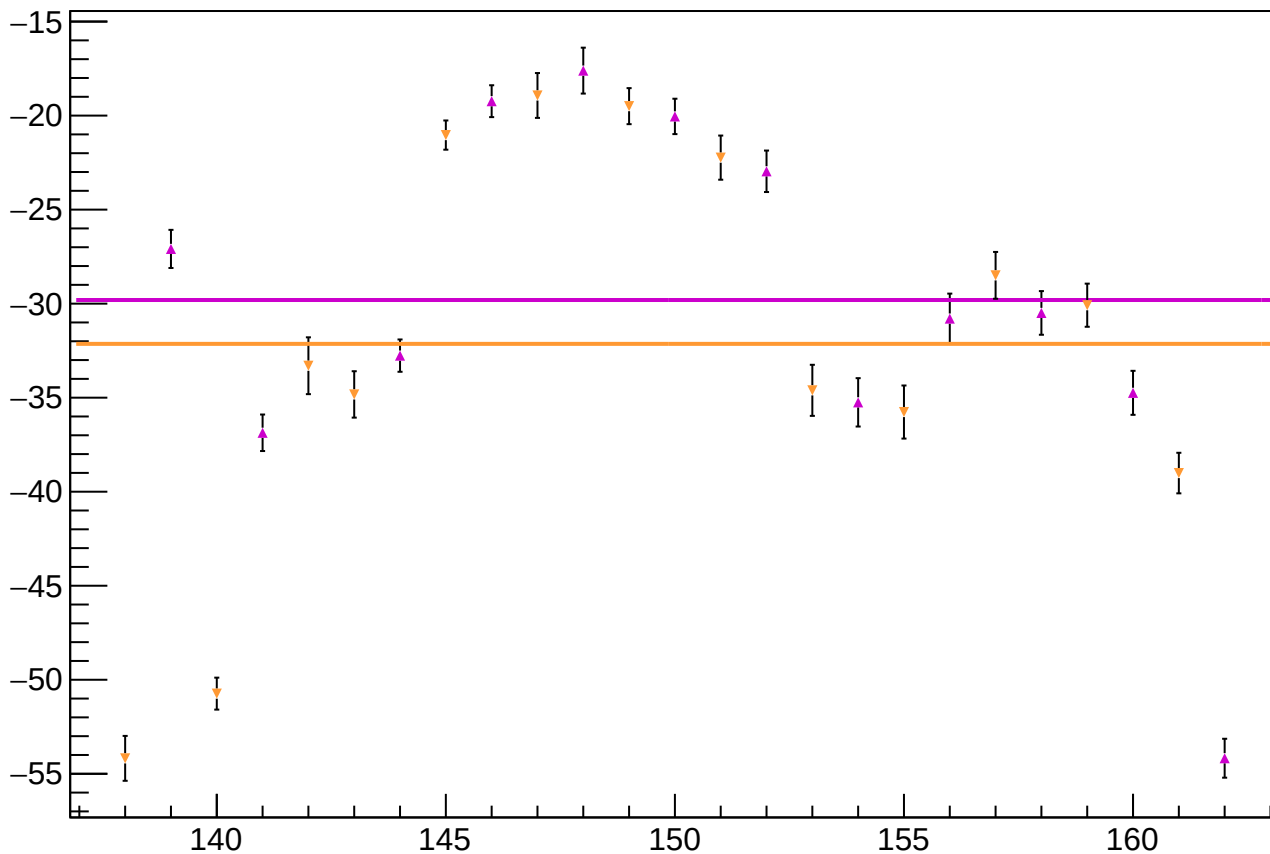
Right: -0.756 ± 0.018 χ^2/NDF : 2315.2/35

In: -0.330 ± 0.012 χ^2/NDF : 1828.2/28

Out: -0.316 ± 0.012 χ^2/NDF : 2397.2/31

All: -0.323 ± 0.009 χ^2/NDF : 4226.1/60

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

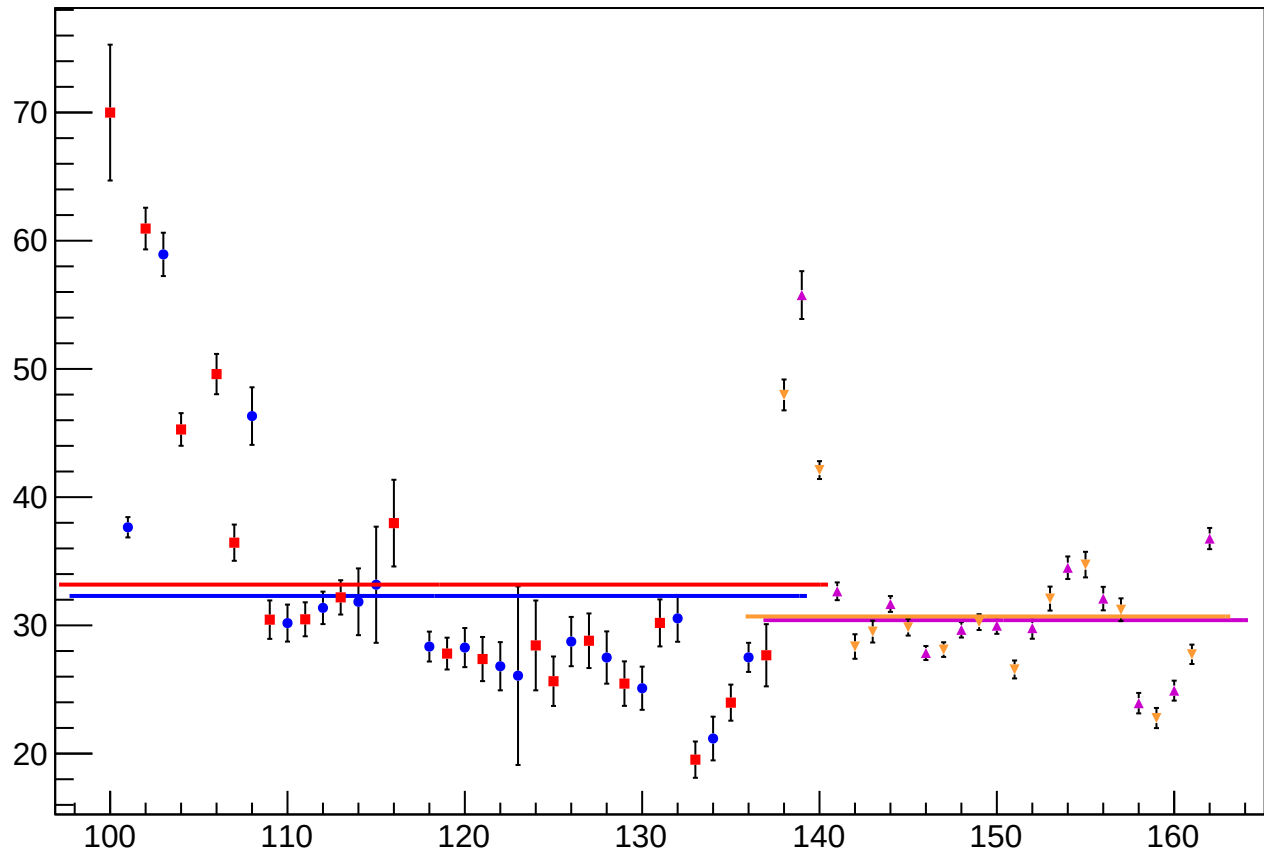


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.139+/-0.306 χ^2/NDF :1459.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.806+/-0.302 χ^2/NDF :1064.9/11

Left: -30.955+/-0.215 χ^2/NDF : 2554.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -29.806+/-0.302 χ^2/NDF :1064.9/11
 Out: -32.139+/-0.306 χ^2/NDF :1459.7/12

All: -30.955+/-0.215 χ^2/NDF : 2554.0/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295+/-0.373 χ^2/NDF : 452.2/16

Left Out: 30.695+/-0.213 χ^2/NDF : 675.0/12

Right Out: 33.180+/-0.379 χ^2/NDF : 770.3/18

Left In: 30.408+/-0.212 χ^2/NDF : 424.1/11

Left: 30.551+/-0.150 χ^2/NDF : 1100.0/24

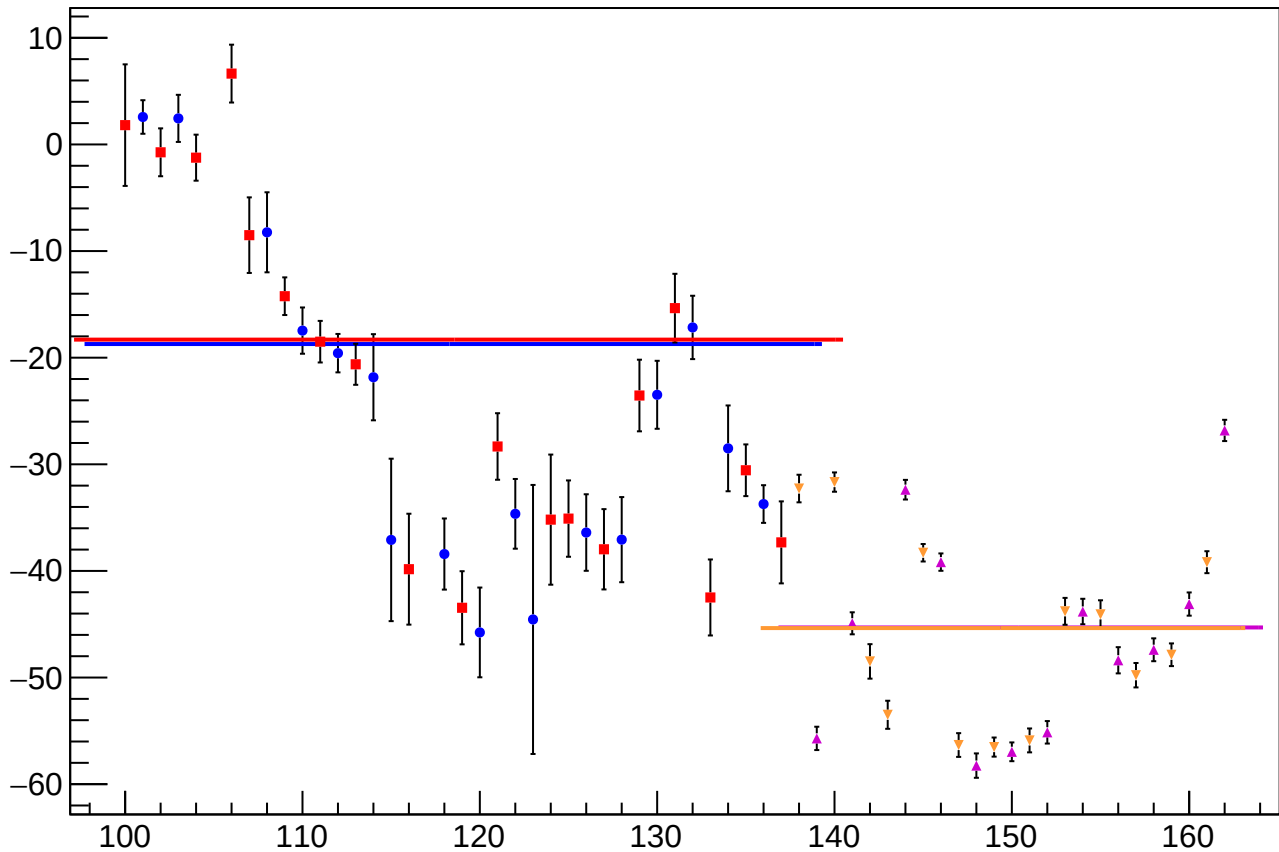
Right: 32.730+/-0.266 χ^2/NDF : 1225.3/35

In: 30.870+/-0.184 χ^2/NDF : 895.7/28

Out: 31.290+/-0.185 χ^2/NDF : 1477.9/31

All: 31.079+/-0.131 χ^2/NDF : 2376.2/60

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -45.361 ± 0.303 $\chi^2/\text{NDF}: 846.7/12$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

Left In: -45.303 ± 0.295 $\chi^2/\text{NDF}: 1094.5/11$

Left: -45.331 ± 0.211 $\chi^2/\text{NDF}: 1941.3/24$

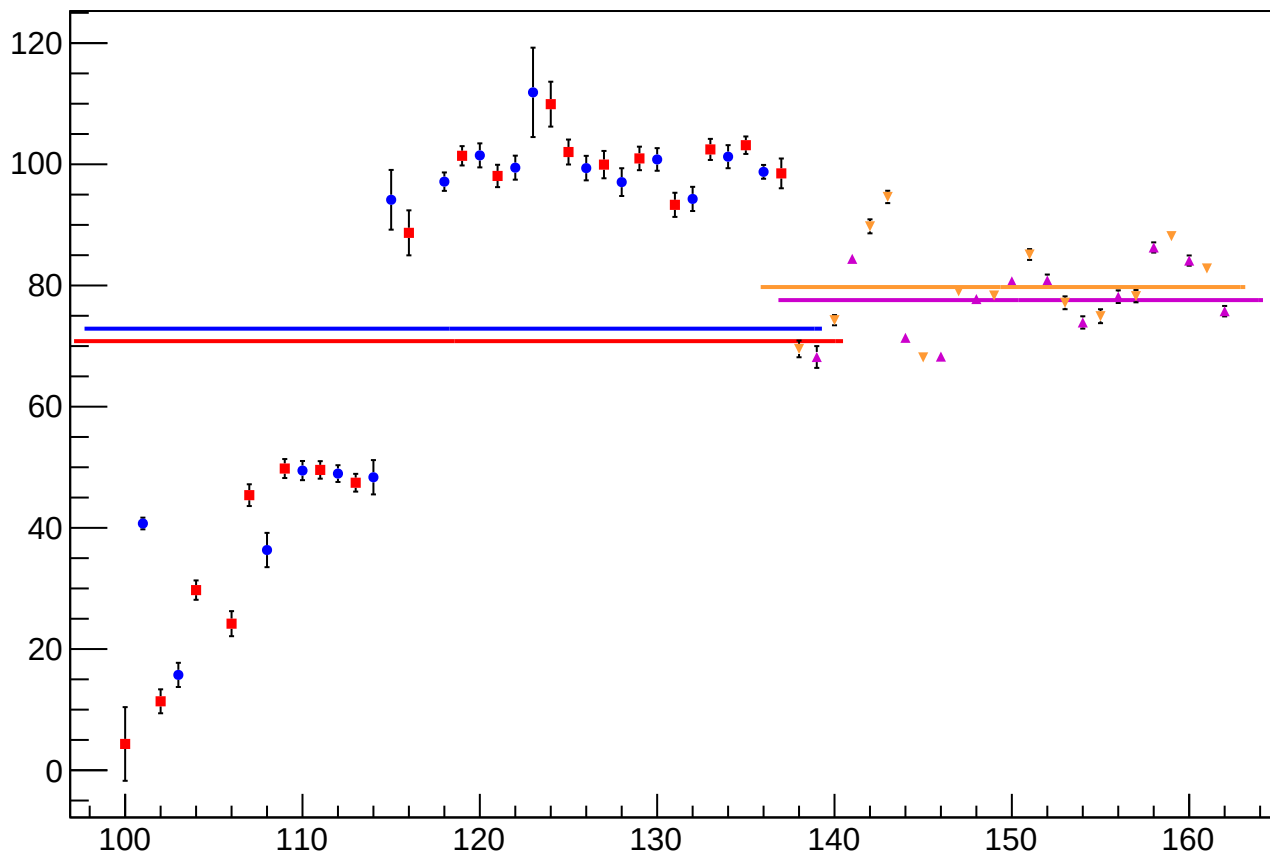
Right: -18.506 ± 0.463 $\chi^2/\text{NDF}: 992.4/35$

In: -40.938 ± 0.270 $\chi^2/\text{NDF}: 2948.0/28$

Out: -40.457 ± 0.274 $\chi^2/\text{NDF}: 2766.5/31$

All: -40.702 ± 0.192 $\chi^2/\text{NDF}: 5716.1/60$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 79.743 $\pm$ 0.252 χ^2 /NDF:814.6/12

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

Left In: 77.588 $\pm$ 0.248 χ^2 /NDF:570.4/11

Left: 78.651 $\pm$ 0.177 χ^2 /NDF: 1422.1/24

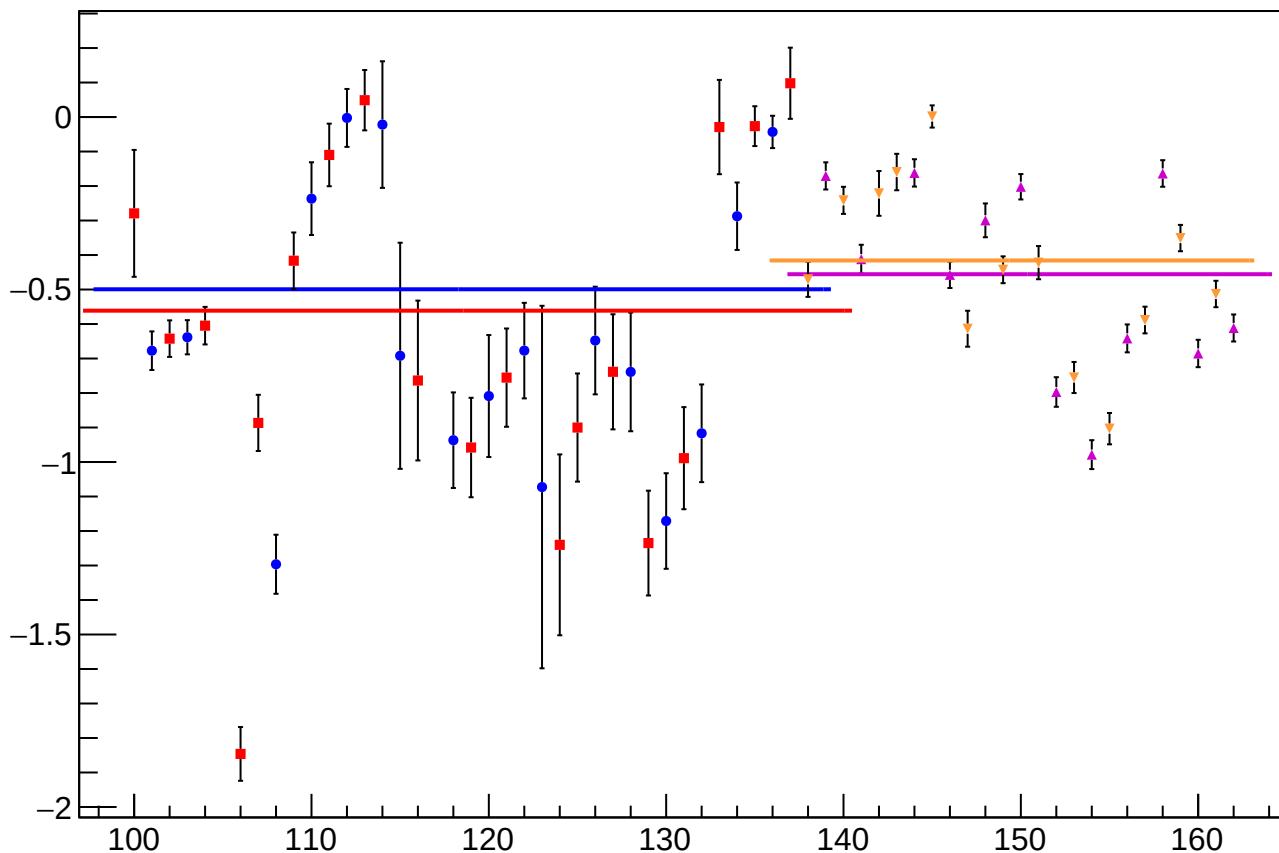
Right: 71.863 $\pm$ 0.304 χ^2 /NDF: 10238.7/35

In: 76.391 $\pm$ 0.215 χ^2 /NDF:5399.7/28

Out: 77.489 $\pm$ 0.218 χ^2 /NDF:6621.3/31

All: 76.932 $\pm$ 0.153 χ^2 /NDF: 12034.0/60

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.416 ± 0.012 χ^2/NDF : 437.7/12

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

Left In: -0.456 ± 0.012 χ^2/NDF : 513.3/11

Left: -0.436 ± 0.008 χ^2/NDF : 956.7/24

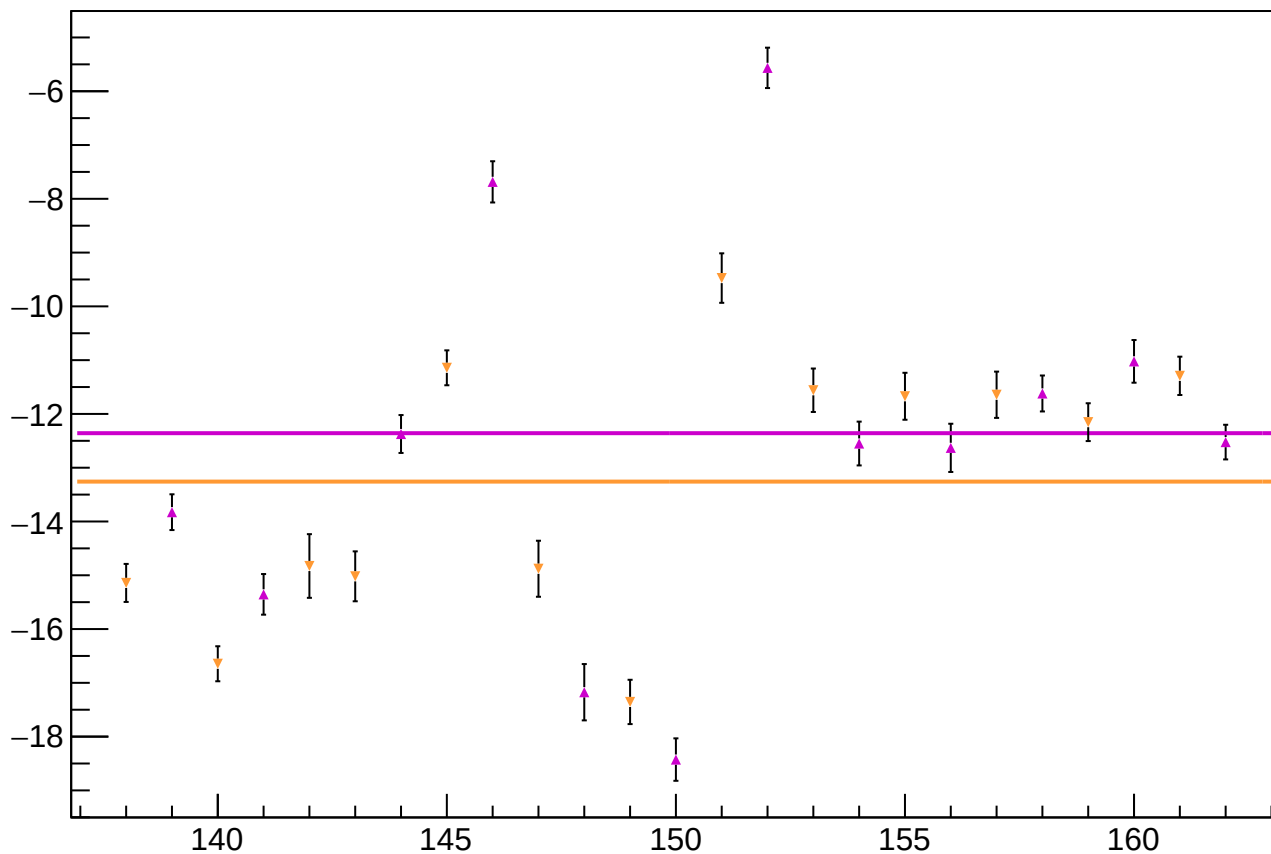
Right: -0.532 ± 0.015 χ^2/NDF : 869.9/35

In: -0.465 ± 0.010 χ^2/NDF : 819.8/28

Out: -0.450 ± 0.010 χ^2/NDF : 1035.3/31

All: -0.458 ± 0.007 χ^2/NDF : 1856.1/60

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.258 $\pm$ 0.111 χ^2/NDF :462.2/12

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

Left In: -12.358 $\pm$ 0.109 χ^2/NDF :896.6/11

Left: -12.801 $\pm$ 0.078 χ^2/NDF : 1392.4/24

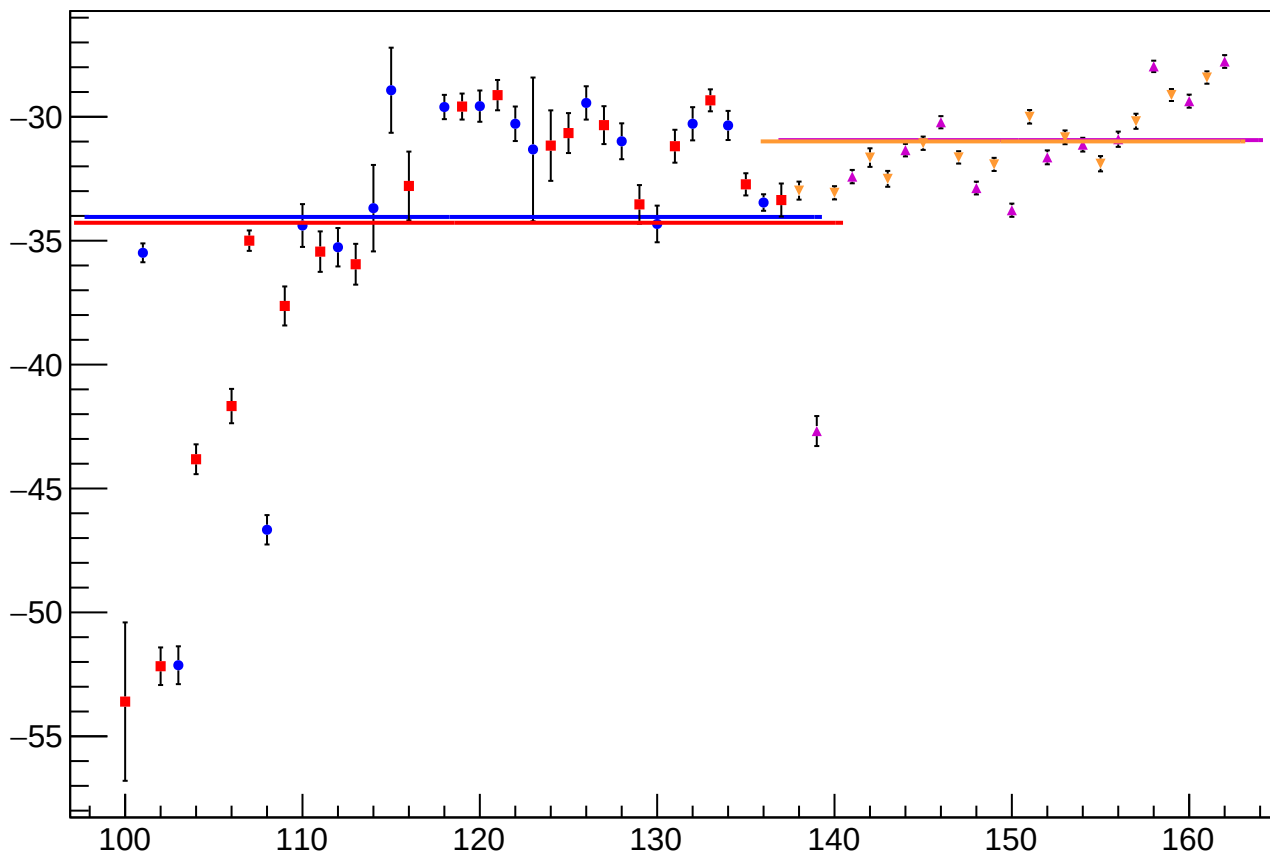
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -12.358 $\pm$ 0.109 χ^2/NDF :896.6/11

Out: -13.258 $\pm$ 0.111 χ^2/NDF :462.2/12

All: -12.801 $\pm$ 0.078 χ^2/NDF : 1392.4/24

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

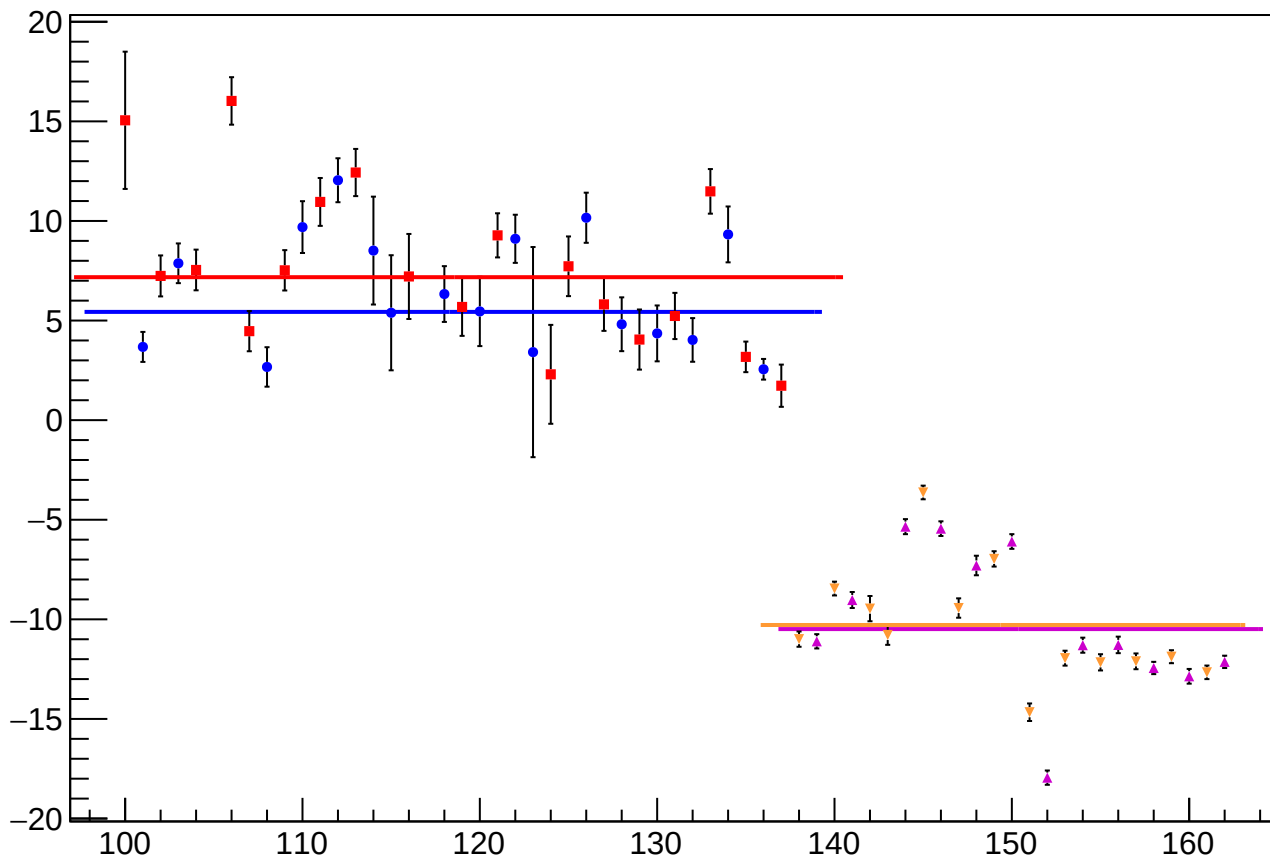


Right In: -34.042 ± 0.151 $\chi^2/\text{NDF}: 1340.8/16$
 Left Out: -30.993 ± 0.078 $\chi^2/\text{NDF}: 329.3/12$
 Right Out: -34.277 ± 0.151 $\chi^2/\text{NDF}: 1349.5/18$
 Left In: -30.941 ± 0.079 $\chi^2/\text{NDF}: 944.9/11$

Left: -30.967 ± 0.056 $\chi^2/\text{NDF}: 1274.4/24$
 Right: -34.159 ± 0.107 $\chi^2/\text{NDF}: 2691.4/35$
 In: -31.605 ± 0.070 $\chi^2/\text{NDF}: 2618.4/28$
 Out: -31.691 ± 0.070 $\chi^2/\text{NDF}: 2052.0/31$

All: -31.648 ± 0.049 $\chi^2/\text{NDF}: 4671.2/60$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 $\chi^2/\text{NDF}: 132.0/16$

Left Out: -10.284 ± 0.109 $\chi^2/\text{NDF}: 721.2/12$

Right Out: 7.177 ± 0.274 $\chi^2/\text{NDF}: 182.6/18$

Left In: -10.489 ± 0.106 $\chi^2/\text{NDF}: 1122.7/11$

Left: -10.390 ± 0.076 $\chi^2/\text{NDF}: 1845.7/24$

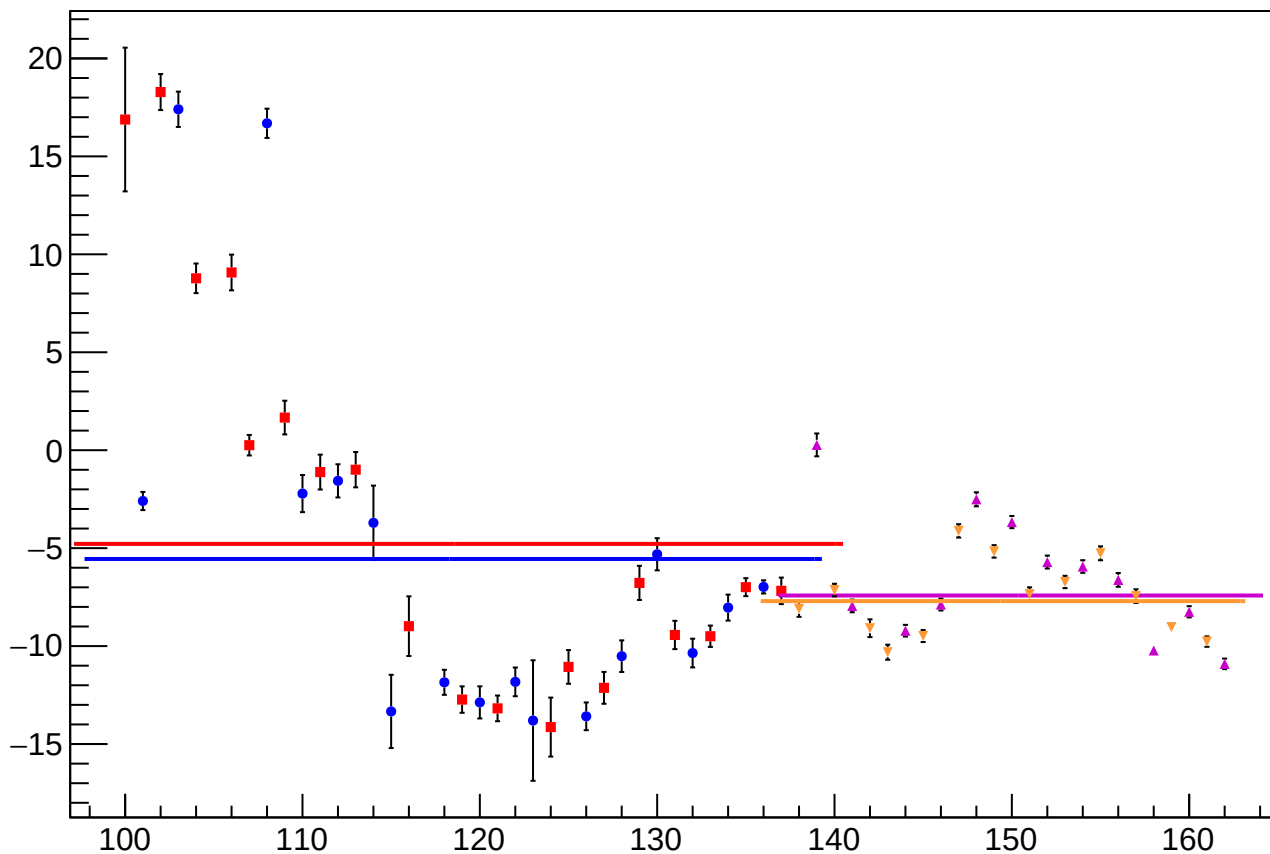
Right: 6.291 ± 0.192 $\chi^2/\text{NDF}: 335.1/35$

In: -8.348 ± 0.099 $\chi^2/\text{NDF}: 4275.2/28$

Out: -7.894 ± 0.101 $\chi^2/\text{NDF}: 4404.7/31$

All: -8.127 ± 0.071 $\chi^2/\text{NDF}: 8690.2/60$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -7.704 ± 0.091 $\chi^2/\text{NDF}: 411.1/12$

Right Out: -4.782 ± 0.173 $\chi^2/\text{NDF}: 2040.4/18$

Left In: -7.417 ± 0.090 $\chi^2/\text{NDF}: 913.5/11$

Left: -7.559 ± 0.064 $\chi^2/\text{NDF}: 1329.6/24$

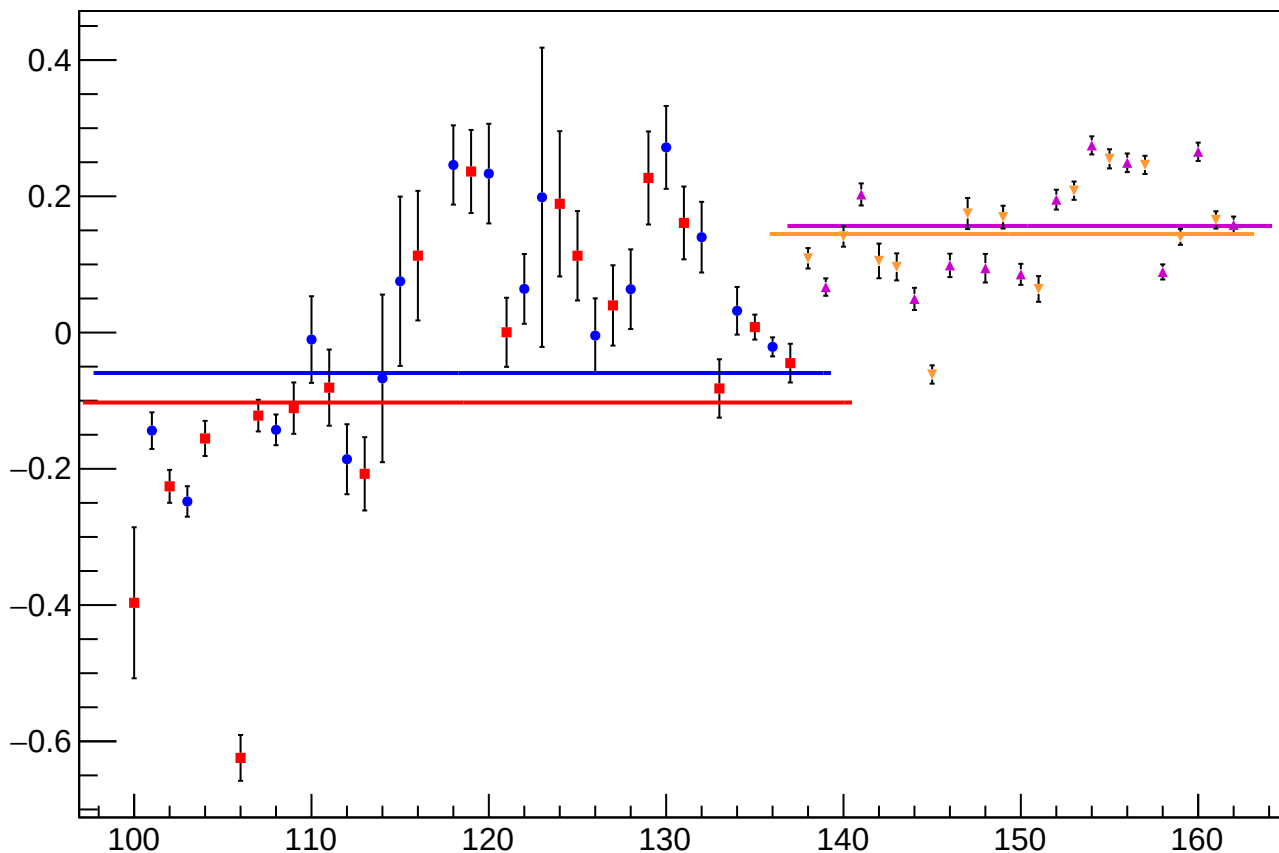
Right: -5.174 ± 0.121 $\chi^2/\text{NDF}: 4175.8/35$

In: -7.006 ± 0.080 $\chi^2/\text{NDF}: 3132.6/28$

Out: -7.065 ± 0.081 $\chi^2/\text{NDF}: 2674.9/31$

All: -7.035 ± 0.057 $\chi^2/\text{NDF}: 5807.8/60$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.145 ± 0.004 χ^2/NDF : 415.7/12

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/11

Left: 0.151 ± 0.003 χ^2/NDF : 796.8/24

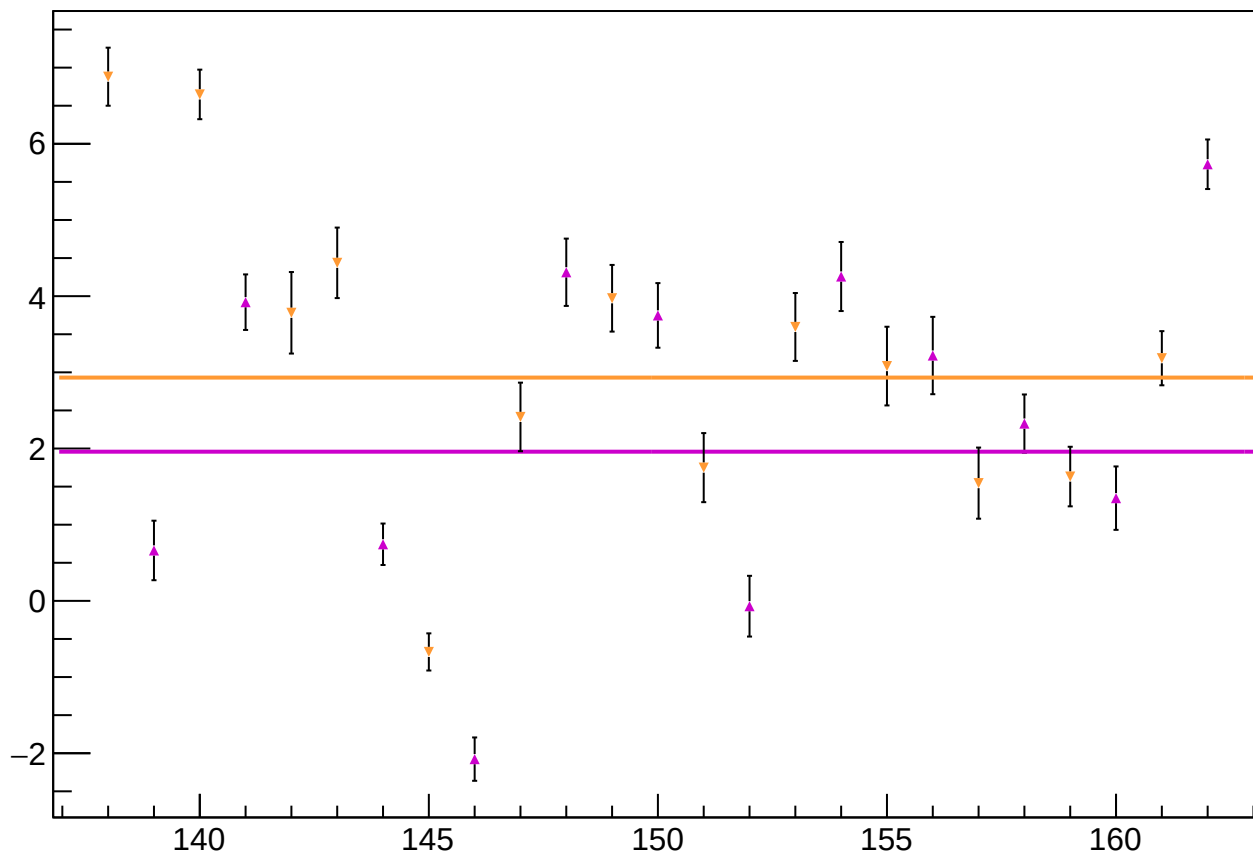
Right: -0.081 ± 0.006 χ^2/NDF : 666.4/35

In: 0.115 ± 0.004 χ^2/NDF : 1129.0/28

Out: 0.095 ± 0.004 χ^2/NDF : 1541.9/31

All: 0.105 ± 0.003 χ^2/NDF : 2684.9/60

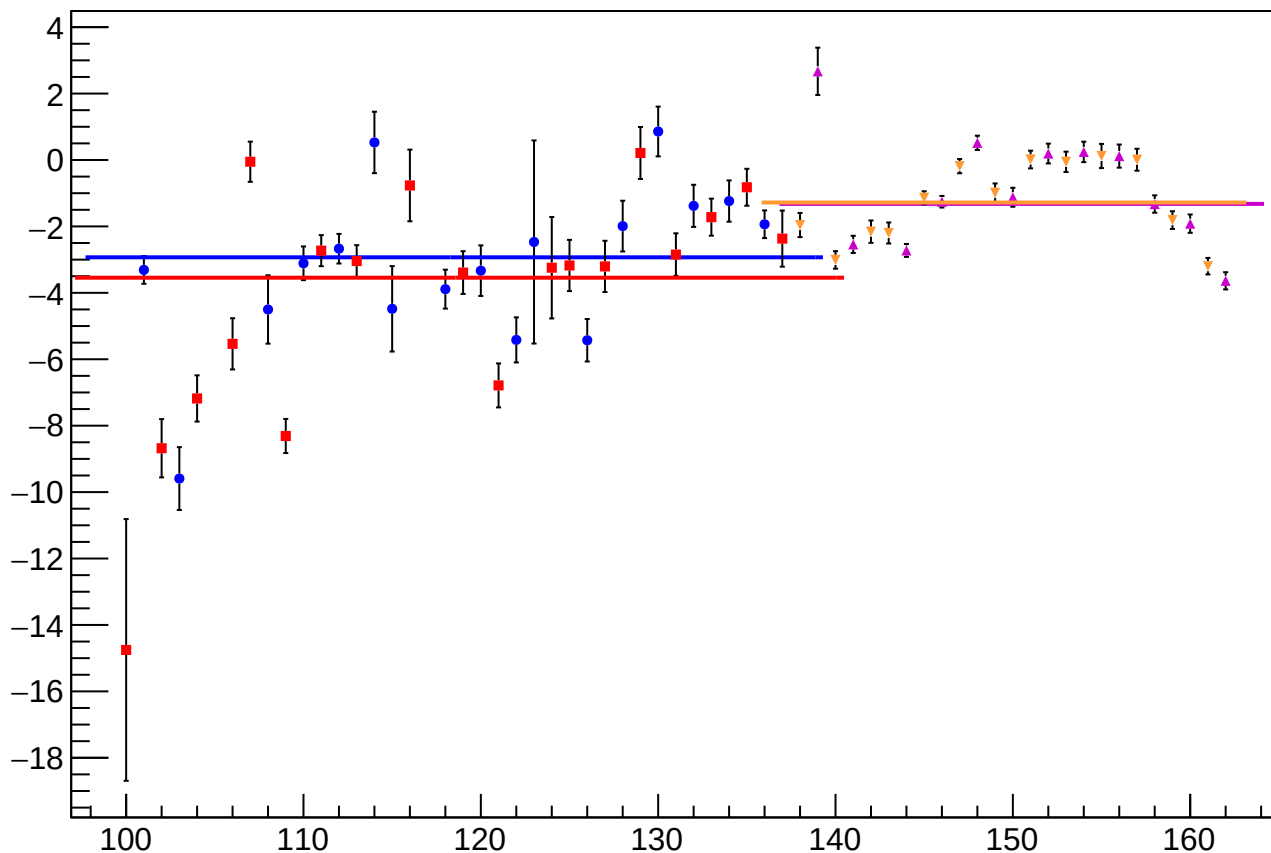
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.931 $\pm$ 0.109 χ^2 /NDF:505.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.958 $\pm$ 0.107 χ^2 /NDF:502.8/11

Left: 2.435 $\pm$ 0.076 χ^2 /NDF: 1049.1/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.958 $\pm$ 0.107 χ^2 /NDF:502.8/11
 Out: 2.931 $\pm$ 0.109 χ^2 /NDF:505.7/12
 All: 2.435 $\pm$ 0.076 χ^2 /NDF: 1049.1/24

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.280 ± 0.076 χ^2/NDF : 222.3/12

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

Left In: -1.322 ± 0.074 χ^2/NDF : 332.3/11

Left: -1.302 ± 0.053 χ^2/NDF : 554.8/24

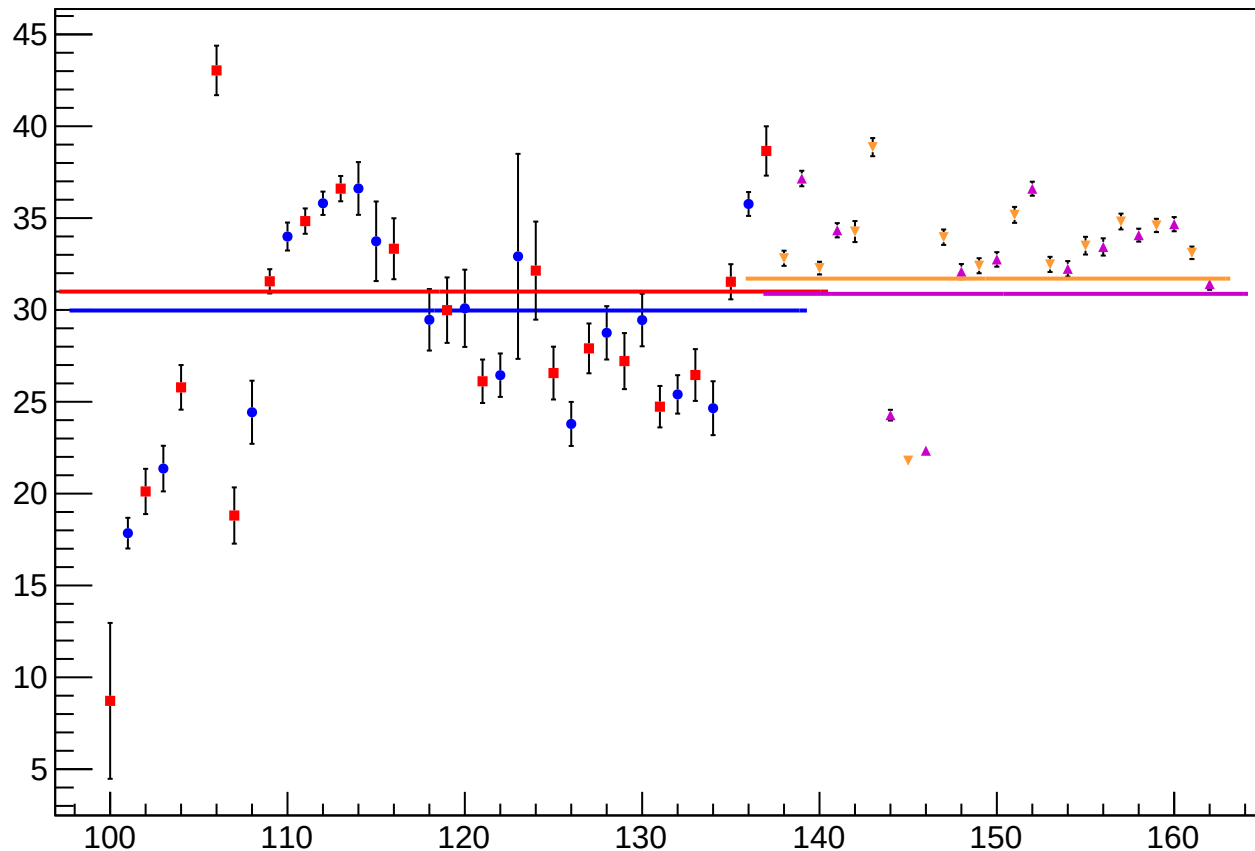
Right: -3.236 ± 0.109 χ^2/NDF : 446.1/35

In: -1.624 ± 0.067 χ^2/NDF : 567.5/28

Out: -1.721 ± 0.068 χ^2/NDF : 686.6/31

All: -1.671 ± 0.048 χ^2/NDF : 1255.1/60

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969+/-0.267 χ^2/NDF : 554.3/16

Left Out: 31.705+/-0.109 χ^2/NDF : 1942.2/12

Right Out: 31.000+/-0.260 χ^2/NDF : 479.5/18

Left In: 30.876+/-0.105 χ^2/NDF : 2268.6/11

Left: 31.275+/-0.075 χ^2/NDF : 4241.1/24

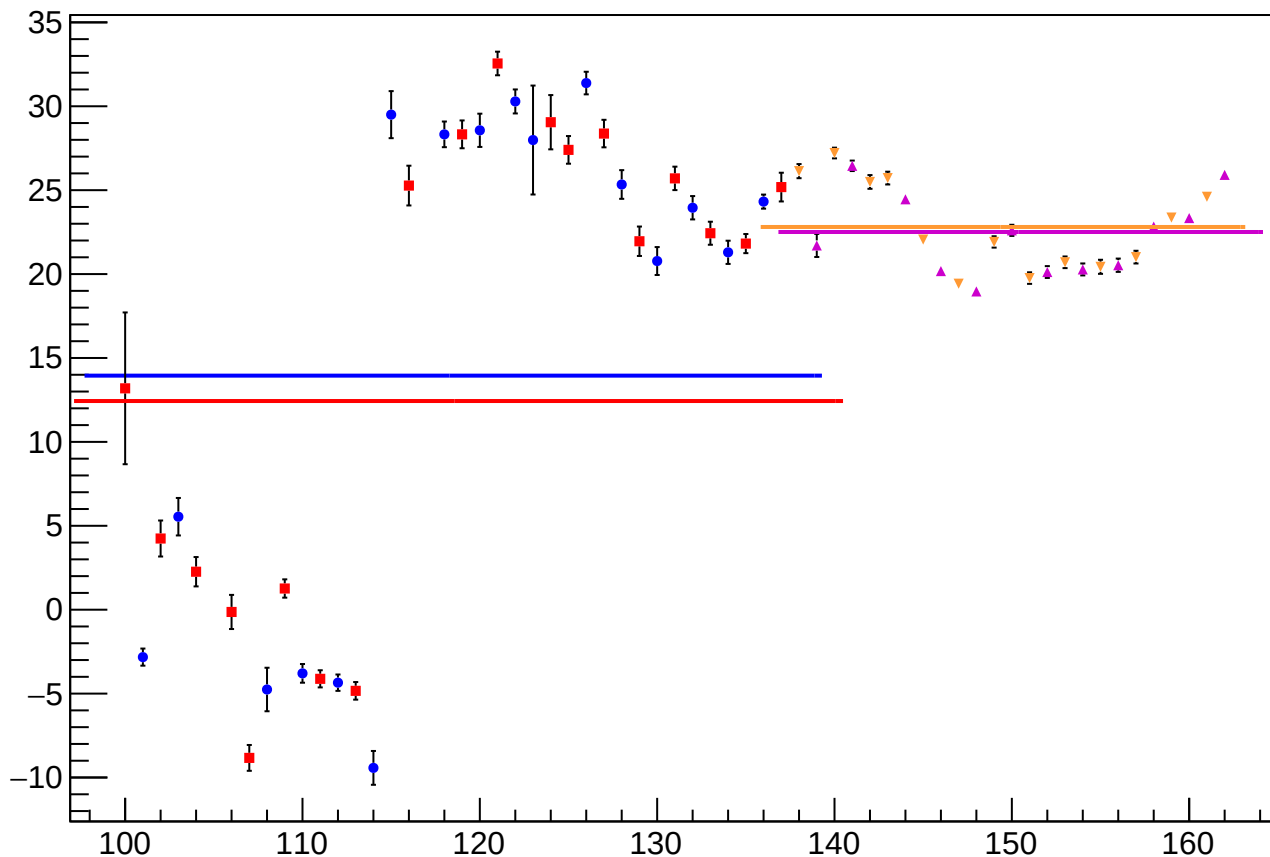
Right: 30.497+/-0.186 χ^2/NDF : 1041.5/35

In: 30.755+/-0.097 χ^2/NDF : 2833.0/28

Out: 31.600+/-0.100 χ^2/NDF : 2428.0/31

All: 31.166+/-0.070 χ^2/NDF : 5297.6/60

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.807 $\pm$ 0.090 χ^2 /NDF:722.6/12

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

Left In: 22.508 $\pm$ 0.087 χ^2 /NDF:761.6/11

Left: 22.652 $\pm$ 0.062 χ^2 /NDF: 1489.9/24

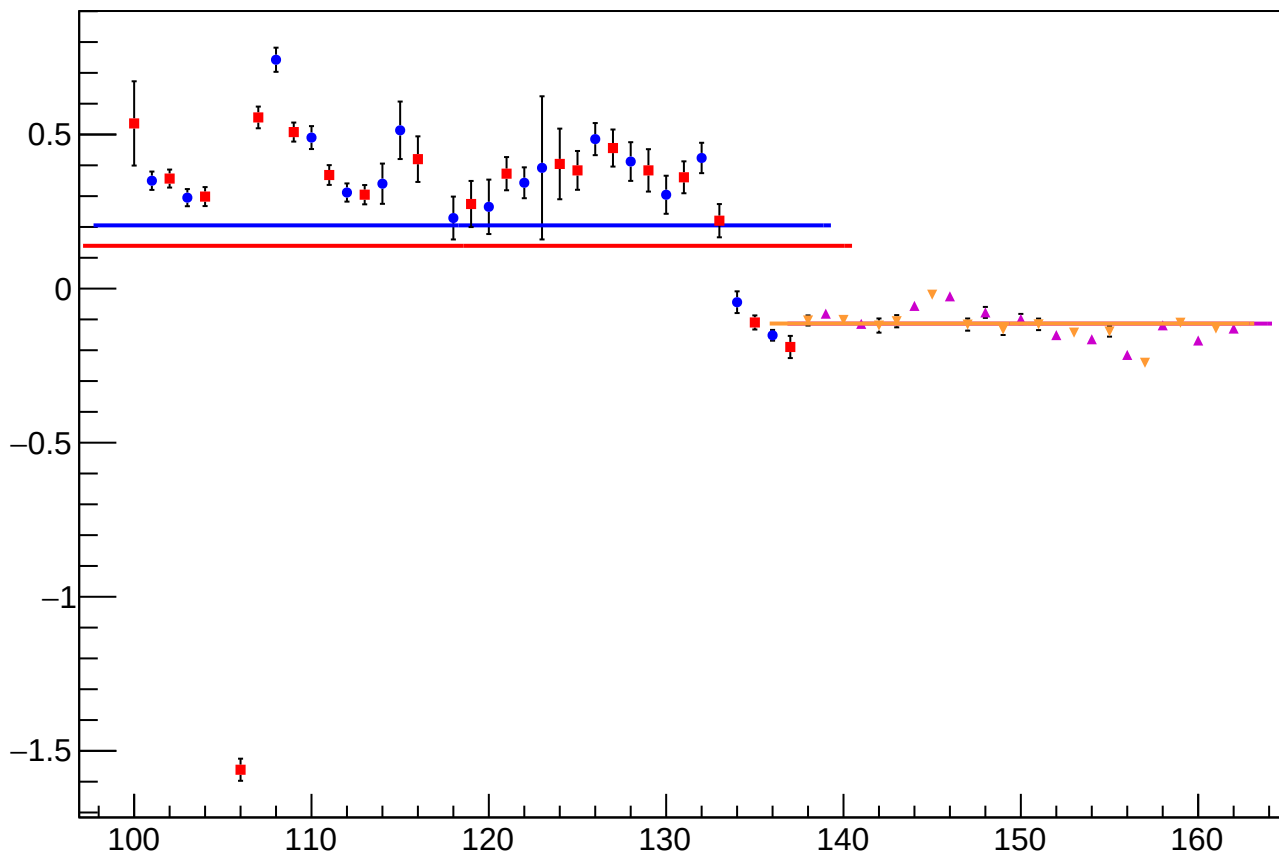
Right: 13.199 $\pm$ 0.122 χ^2 /NDF: 14393.1/35

In: 20.764 $\pm$ 0.078 χ^2 /NDF:10126.6/28

Out: 20.620 $\pm$ 0.080 χ^2 /NDF:10500.0/31

All: 20.694 $\pm$ 0.056 χ^2 /NDF: 20628.3/60

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.2/16$

Left Out: -0.113 ± 0.004 $\chi^2/\text{NDF}: 172.2/12$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.8/18$

Left In: -0.114 ± 0.004 $\chi^2/\text{NDF}: 156.9/11$

Left: -0.113 ± 0.003 $\chi^2/\text{NDF}: 329.1/24$

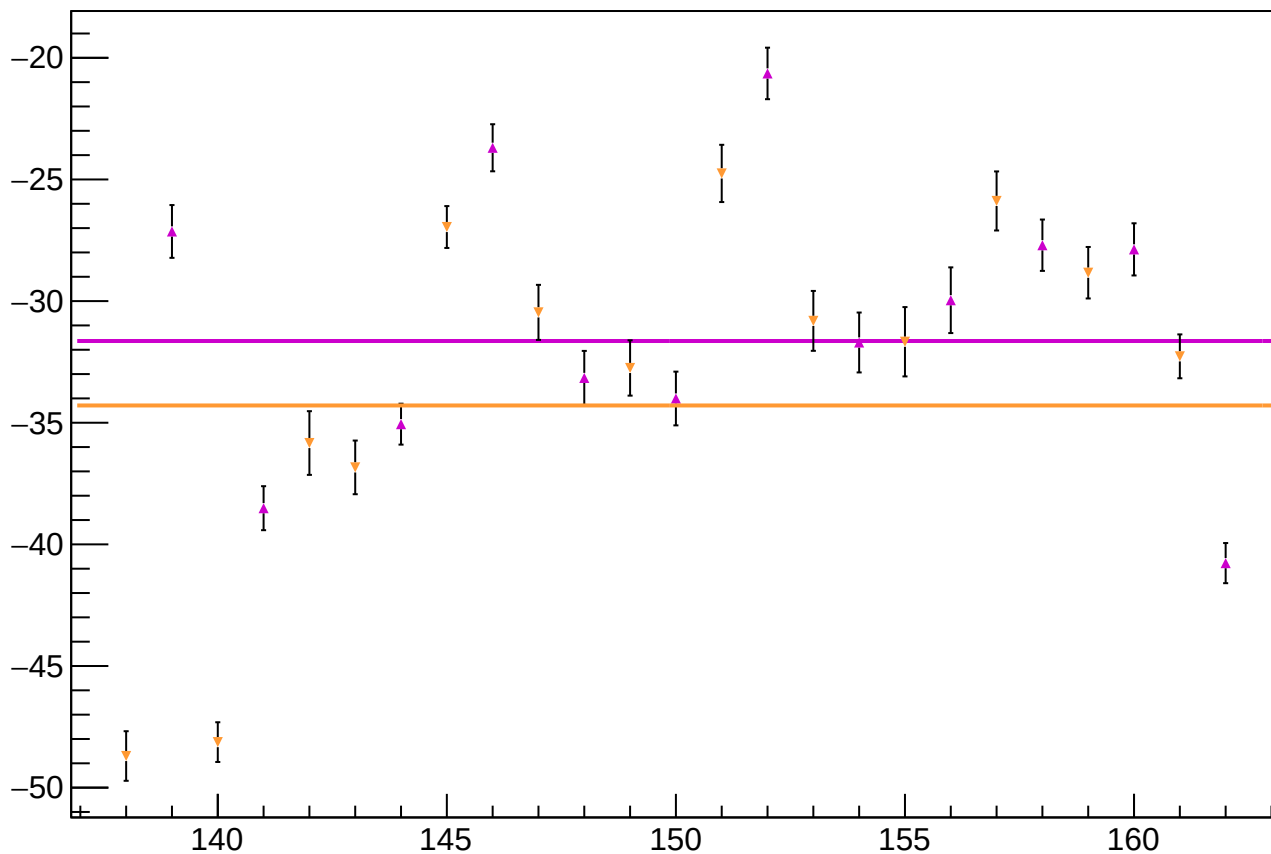
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.062 ± 0.004 $\chi^2/\text{NDF}: 1973.8/28$

Out: -0.069 ± 0.004 $\chi^2/\text{NDF}: 3809.8/31$

All: -0.065 ± 0.003 $\chi^2/\text{NDF}: 5785.6/60$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



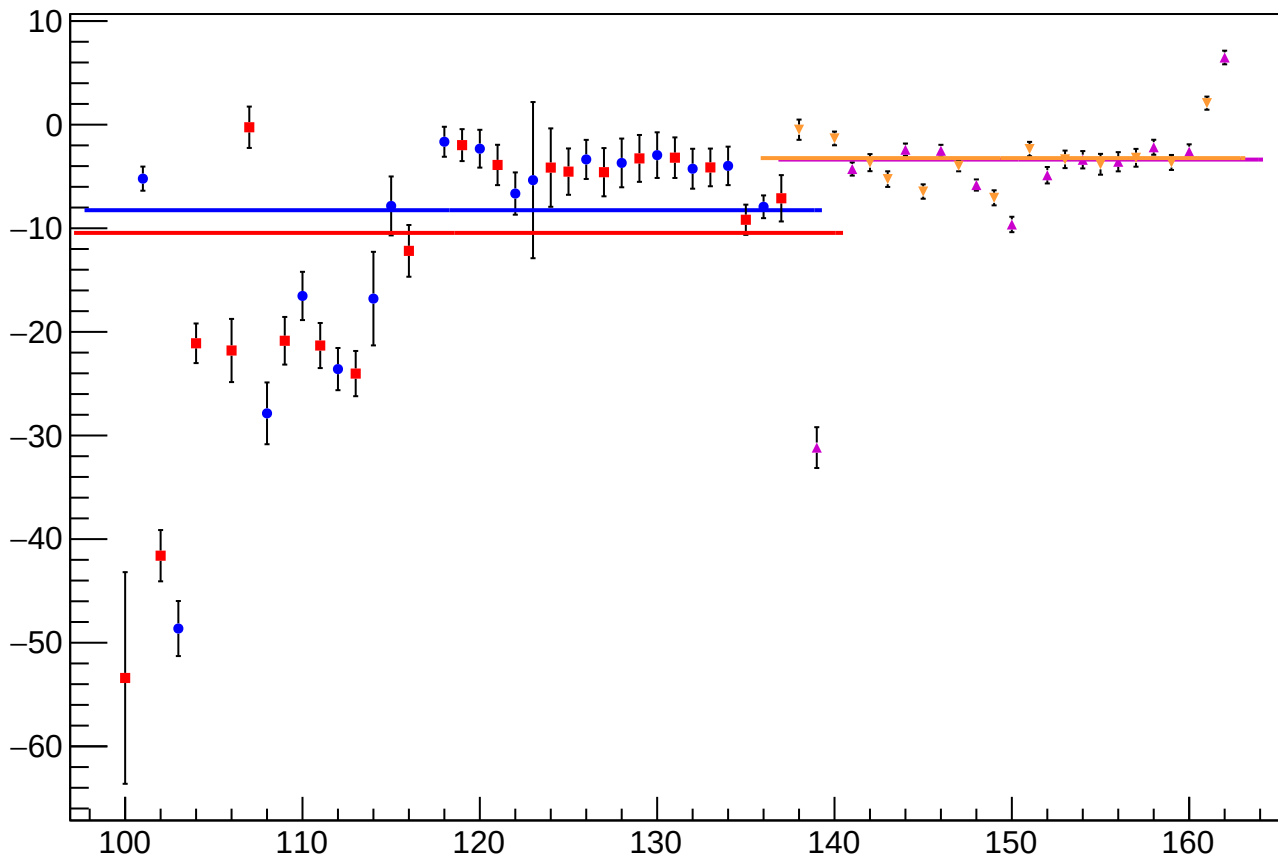
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -34.290 $\pm$ 0.296 χ^2 /NDF:736.4/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.640 $\pm$ 0.295 χ^2 /NDF:423.5/11

Left: -32.961 $\pm$ 0.209 χ^2 /NDF: 1200.2/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.640 $\pm$ 0.295 χ^2 /NDF:423.5/11
 Out: -34.290 $\pm$ 0.296 χ^2 /NDF:736.4/12

All: -32.961 $\pm$ 0.209 χ^2 /NDF: 1200.2/24

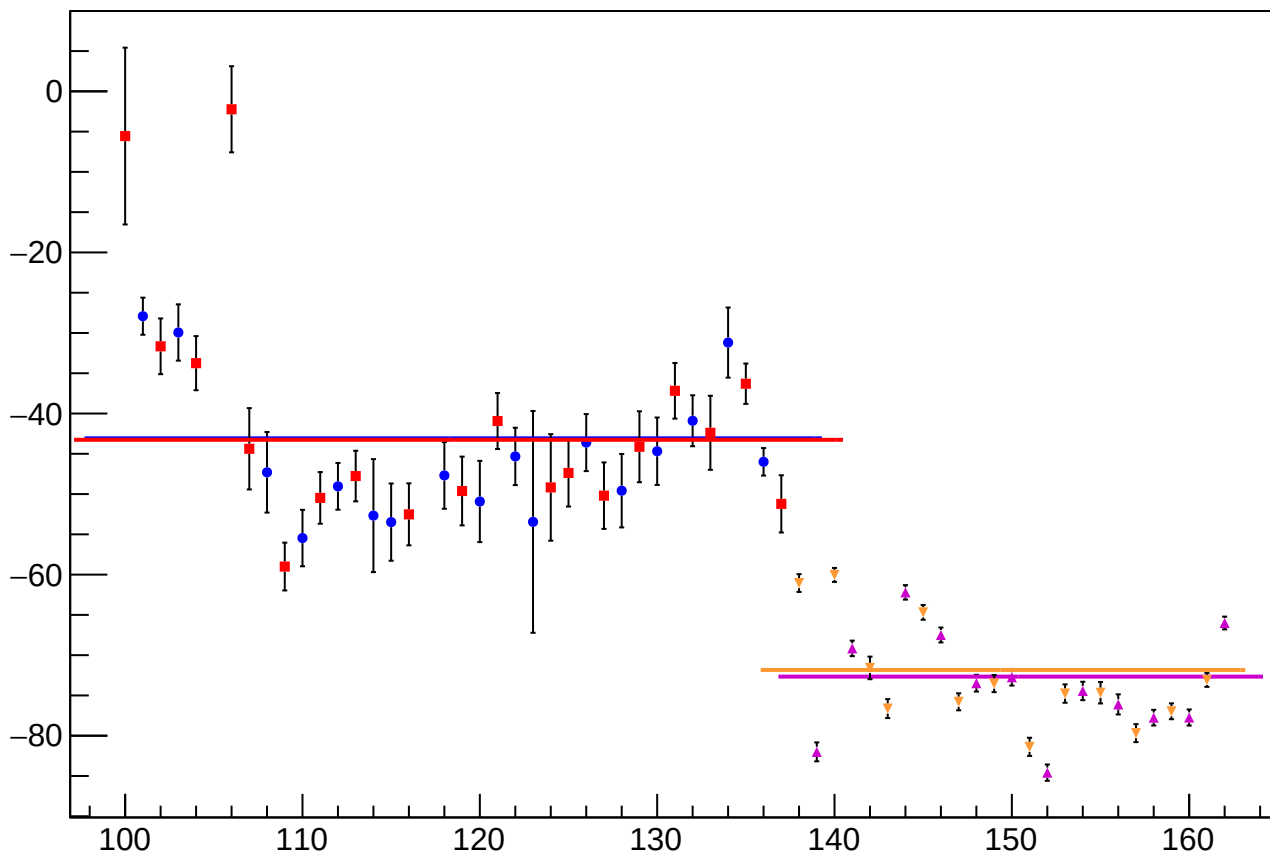
reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 $\chi^2/\text{NDF}: 412.1/16$
 Left Out: -3.228 ± 0.203 $\chi^2/\text{NDF}: 147.1/12$
 Right Out: -10.446 ± 0.491 $\chi^2/\text{NDF}: 428.4/18$
 Left In: -3.371 ± 0.203 $\chi^2/\text{NDF}: 528.5/11$

Left: -3.299 ± 0.144 $\chi^2/\text{NDF}: 675.8/24$
 Right: -9.285 ± 0.337 $\chi^2/\text{NDF}: 851.1/35$
 In: -4.163 ± 0.186 $\chi^2/\text{NDF}: 1034.3/28$
 Out: -4.282 ± 0.188 $\chi^2/\text{NDF}: 759.9/31$
 All: -4.222 ± 0.132 $\chi^2/\text{NDF}: 1794.4/60$

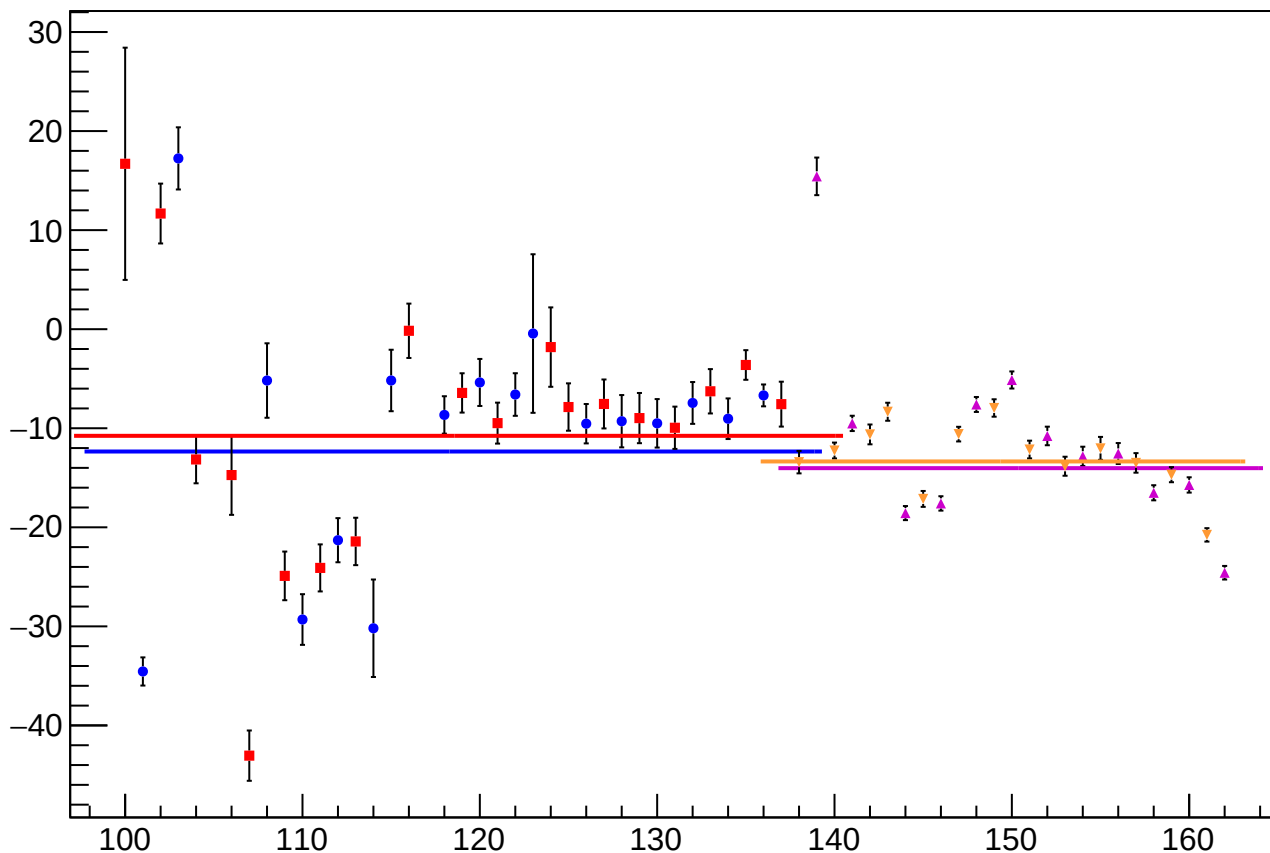
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$
 Left Out: -71.836 ± 0.293 $\chi^2/\text{NDF}: 535.4/12$
 Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -72.664 ± 0.288 $\chi^2/\text{NDF}: 515.1/11$

Left: -72.258 ± 0.205 $\chi^2/\text{NDF}: 1054.5/24$
 Right: -43.169 ± 0.601 $\chi^2/\text{NDF}: 253.4/35$
 In: -69.521 ± 0.272 $\chi^2/\text{NDF}: 1738.1/28$
 Out: -68.904 ± 0.278 $\chi^2/\text{NDF}: 1665.6/31$
 All: -69.219 ± 0.194 $\chi^2/\text{NDF}: 3406.1/60$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -13.351 ± 0.241 χ^2/NDF : 239.6/12

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

Left In: -14.029 ± 0.239 χ^2/NDF : 786.0/11

Left: -13.693 ± 0.170 χ^2/NDF : 1029.6/24

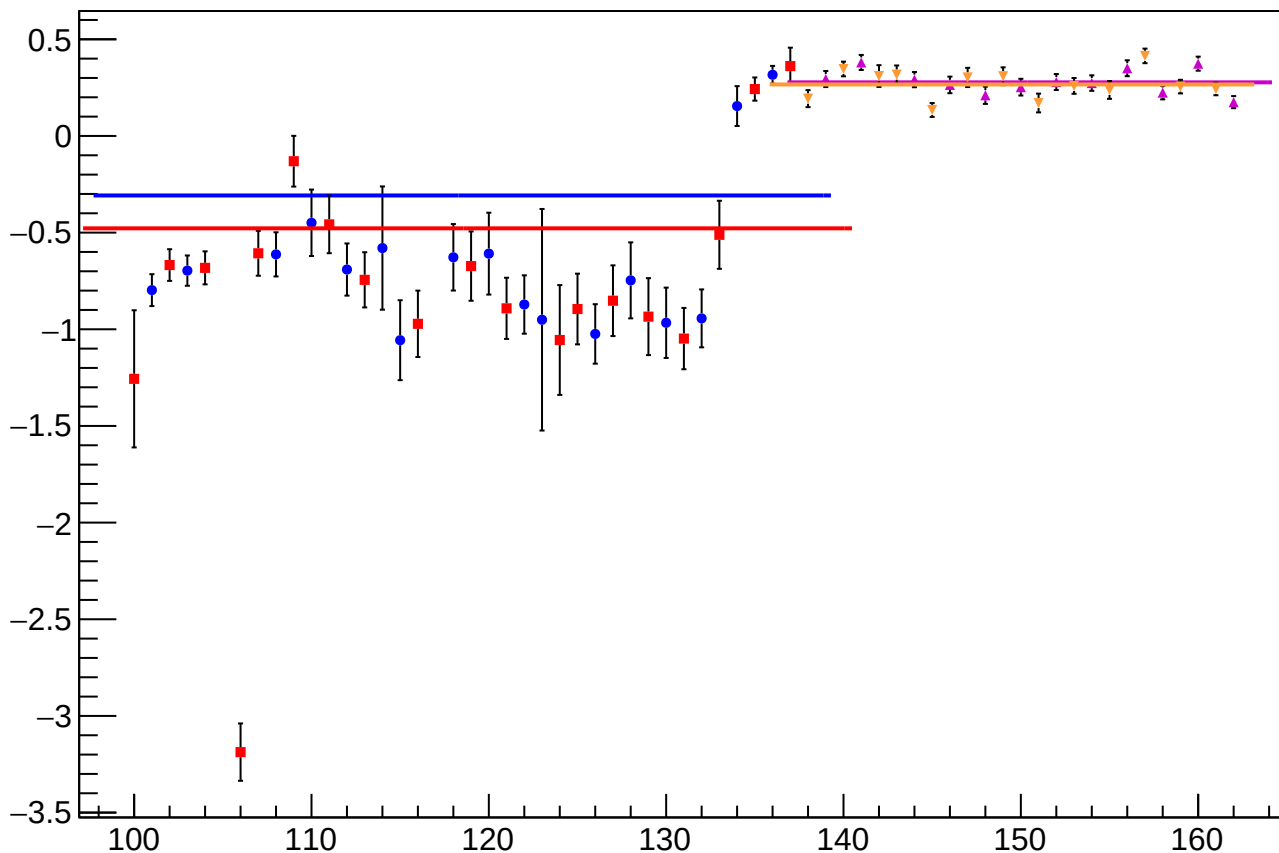
Right: -11.606 ± 0.379 χ^2/NDF : 846.9/35

In: -13.736 ± 0.217 χ^2/NDF : 1270.5/28

Out: -12.939 ± 0.221 χ^2/NDF : 624.6/31

All: -13.344 ± 0.155 χ^2/NDF : 1901.7/60

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.266 ± 0.011 χ^2/NDF : 44.2/12

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

Left In: 0.277 ± 0.011 χ^2/NDF : 33.2/11

Left: 0.272 ± 0.008 χ^2/NDF : 77.9/24

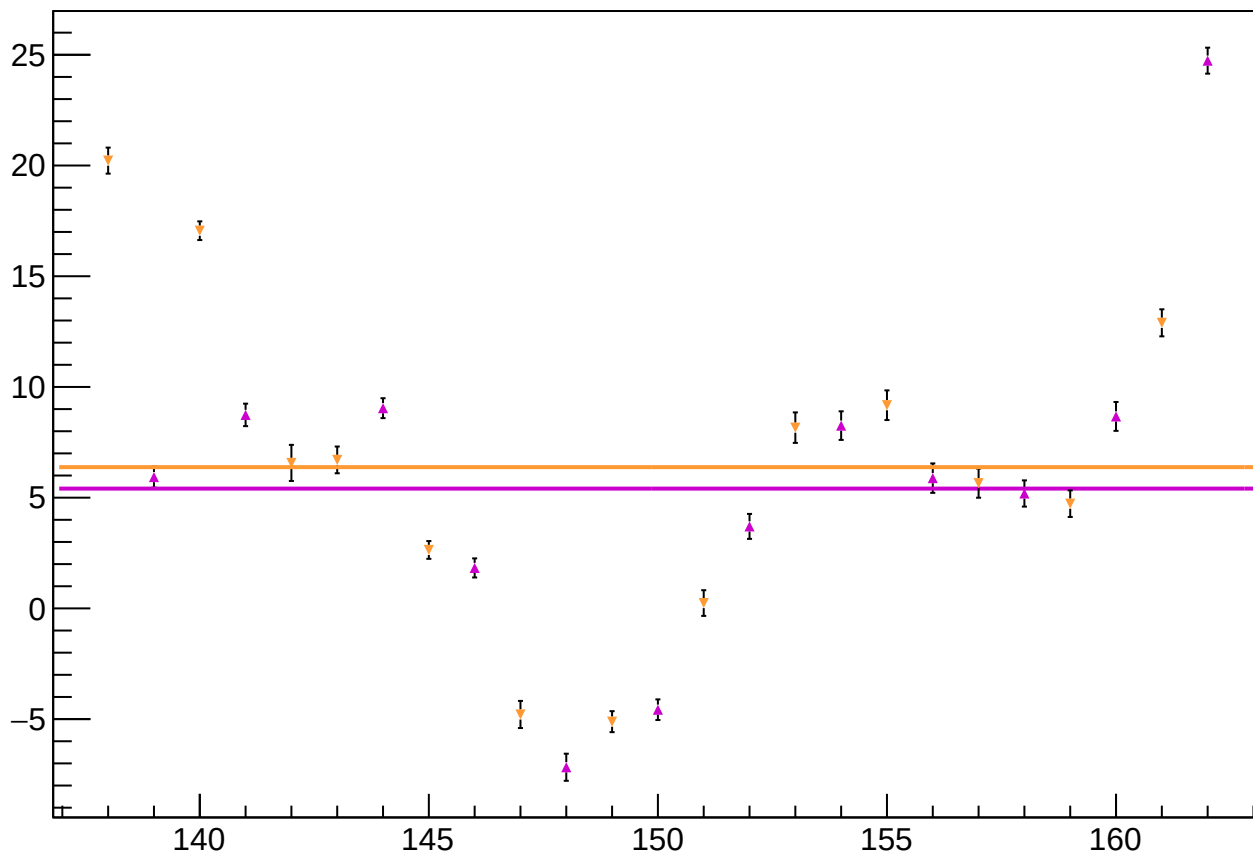
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.193 ± 0.010 χ^2/NDF : 792.8/28

Out: 0.163 ± 0.011 χ^2/NDF : 1261.1/31

All: 0.178 ± 0.007 χ^2/NDF : 2058.0/60

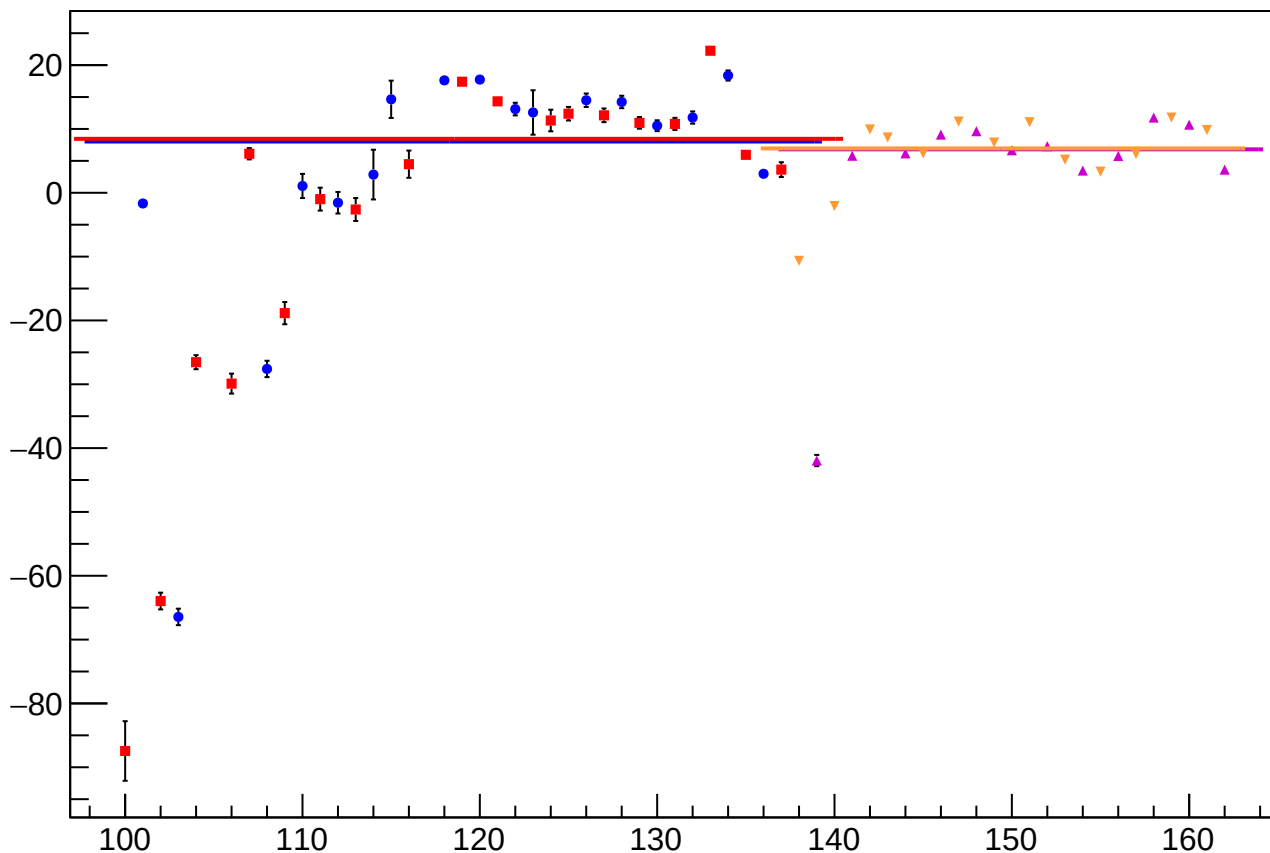
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.379+/-0.156 χ^2 /NDF:2461.9/12
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 5.410+/-0.155 χ^2 /NDF:2199.7/11

Left: 5.891+/-0.110 χ^2 /NDF: 4681.1/24
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 5.410+/-0.155 χ^2 /NDF:2199.7/11
 Out: 6.379+/-0.156 χ^2 /NDF:2461.9/12
 All: 5.891+/-0.110 χ^2 /NDF: 4681.1/24

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 $\pm$ 0.215 χ^2 /NDF: 5369.4/16

Left Out: 6.951 $\pm$ 0.108 χ^2 /NDF: 2207.7/12

Right Out: 8.454 $\pm$ 0.213 χ^2 /NDF: 6704.4/18

Left In: 6.806 $\pm$ 0.109 χ^2 /NDF: 3579.8/11

Left: 6.879 $\pm$ 0.077 χ^2 /NDF: 5788.4/24

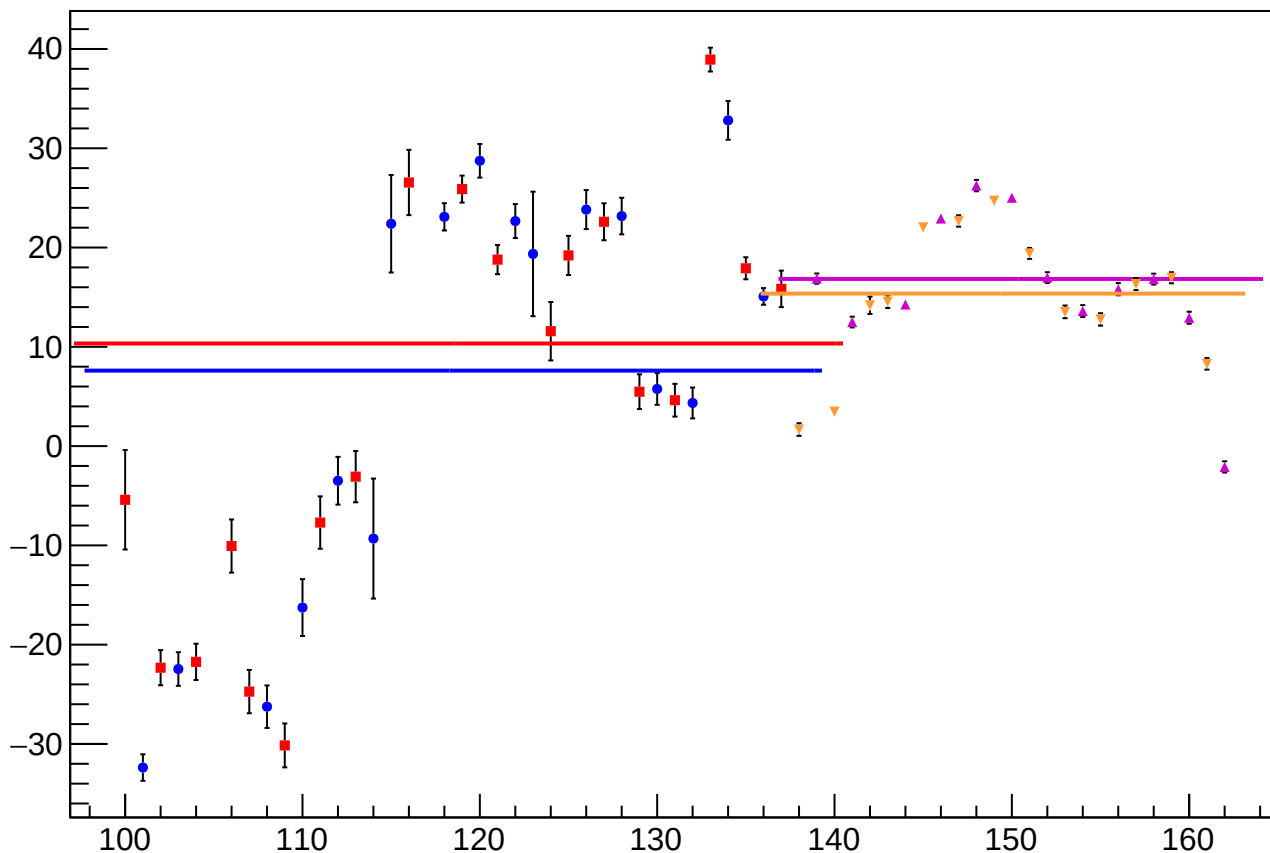
Right: 8.247 $\pm$ 0.151 χ^2 /NDF: 12075.7/35

In: 7.058 $\pm$ 0.097 χ^2 /NDF: 8975.2/28

Out: 7.259 $\pm$ 0.097 χ^2 /NDF: 8951.6/31

All: 7.159 $\pm$ 0.069 χ^2 /NDF: 17928.9/60

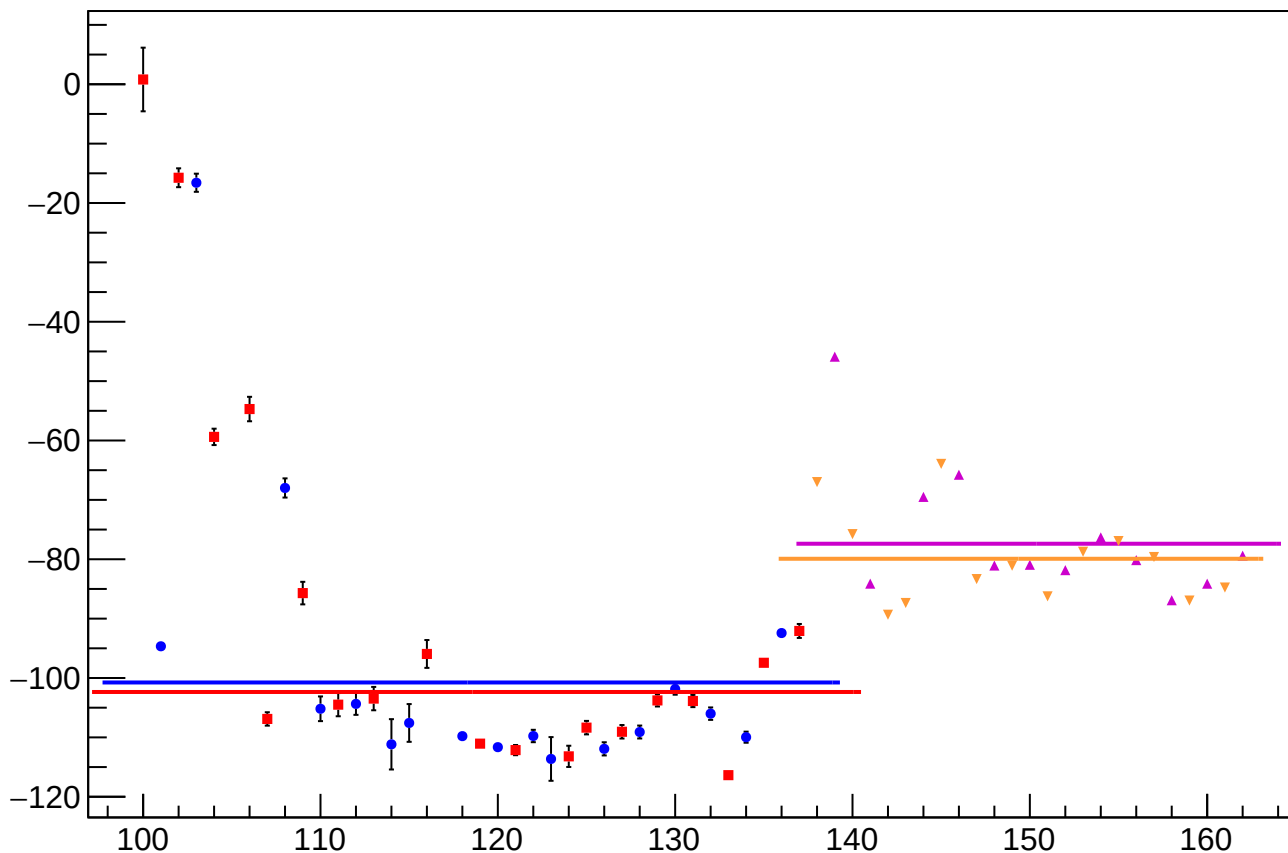
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 $\chi^2/\text{NDF}: 2325.0/16$
 Left Out: 15.360 ± 0.154 $\chi^2/\text{NDF}: 2259.2/12$
 Right Out: 10.337 ± 0.416 $\chi^2/\text{NDF}: 2281.8/18$
 Left In: 16.837 ± 0.151 $\chi^2/\text{NDF}: 2126.8/11$

Left: 16.113 ± 0.108 $\chi^2/\text{NDF}: 4432.7/24$
 Right: 8.969 ± 0.294 $\chi^2/\text{NDF}: 4628.4/35$
 In: 15.757 ± 0.142 $\chi^2/\text{NDF}: 4887.2/28$
 Out: 14.754 ± 0.145 $\chi^2/\text{NDF}: 4668.9/31$
 All: 15.264 ± 0.101 $\chi^2/\text{NDF}: 9580.6/60$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753 ± 0.248 χ^2/NDF : 4522.6/16

Left Out: -79.918 ± 0.129 χ^2/NDF : 3385.8/12

Right Out: -102.354 ± 0.246 χ^2/NDF : 6078.9/18

Left In: -77.387 ± 0.128 χ^2/NDF : 4185.8/11

Left: -78.649 ± 0.091 χ^2/NDF : 7765.9/24

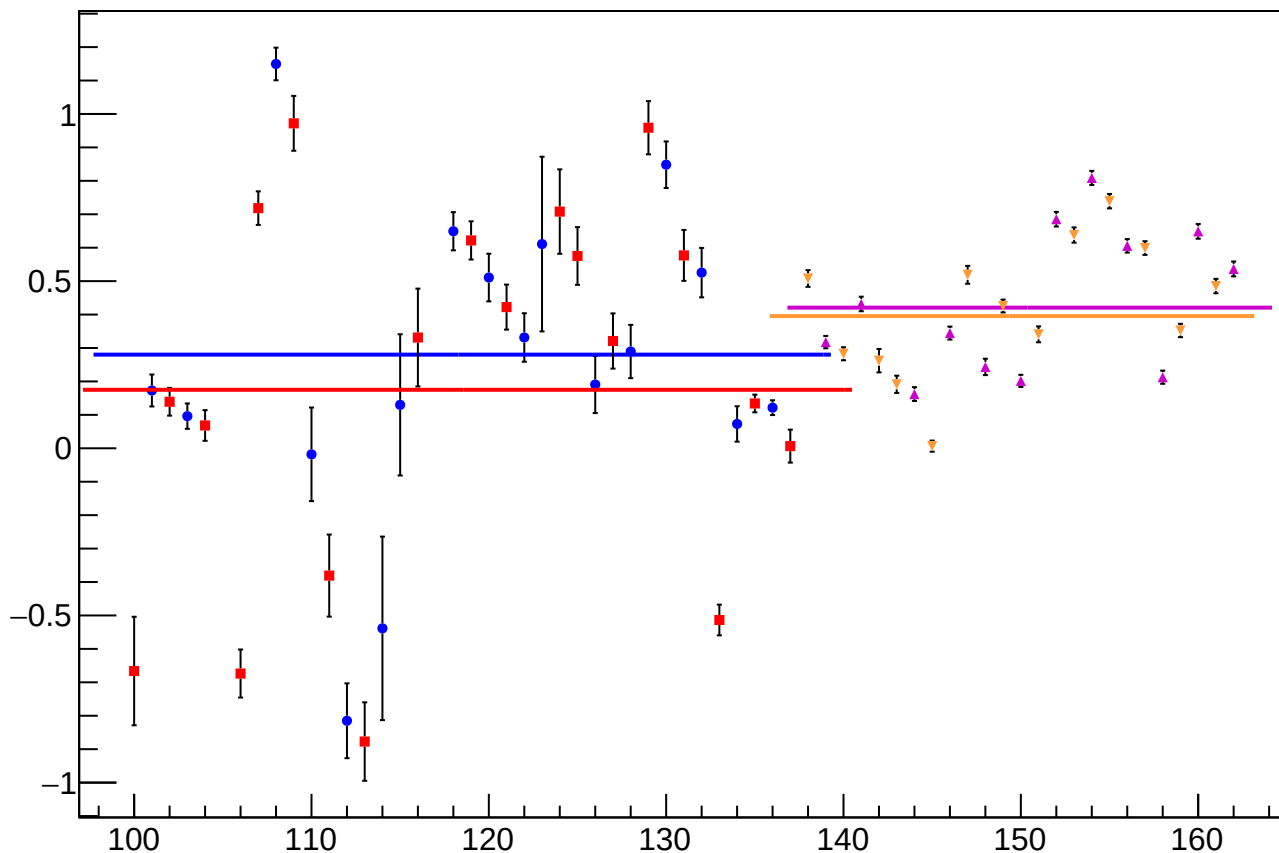
Right: -101.559 ± 0.175 χ^2/NDF : 10622.5/35

In: -82.316 ± 0.114 χ^2/NDF : 15712.3/28

Out: -84.723 ± 0.114 χ^2/NDF : 15989.3/31

All: -83.519 ± 0.081 χ^2/NDF : 31924.9/60

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.395 ± 0.006 χ^2/NDF : 1192.8/12

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

Left In: 0.421 ± 0.006 χ^2/NDF : 1213.2/11

Left: 0.408 ± 0.004 χ^2/NDF : 2414.8/24

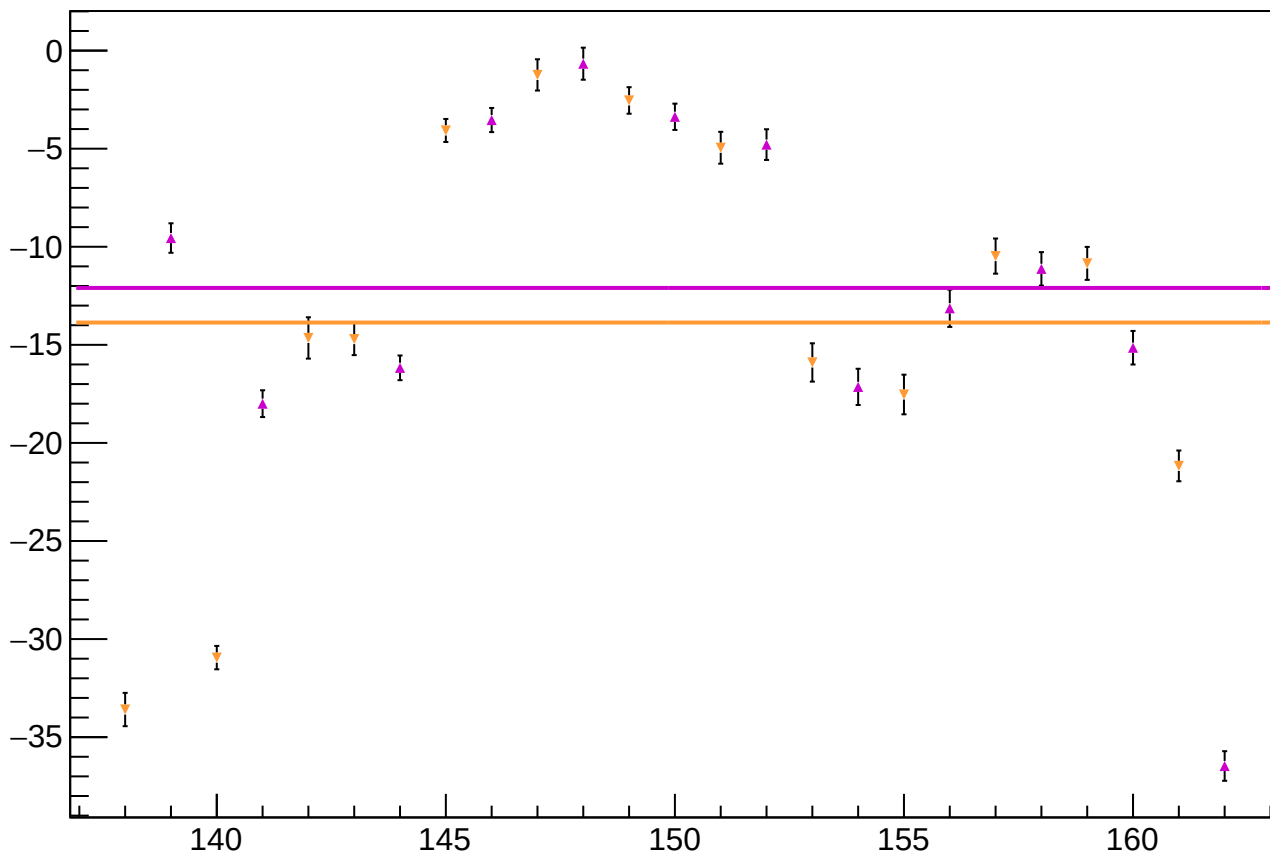
Right: 0.227 ± 0.010 χ^2/NDF : 1653.2/35

In: 0.398 ± 0.005 χ^2/NDF : 1960.3/28

Out: 0.358 ± 0.006 χ^2/NDF : 2382.8/31

All: 0.378 ± 0.004 χ^2/NDF : 4369.2/60

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



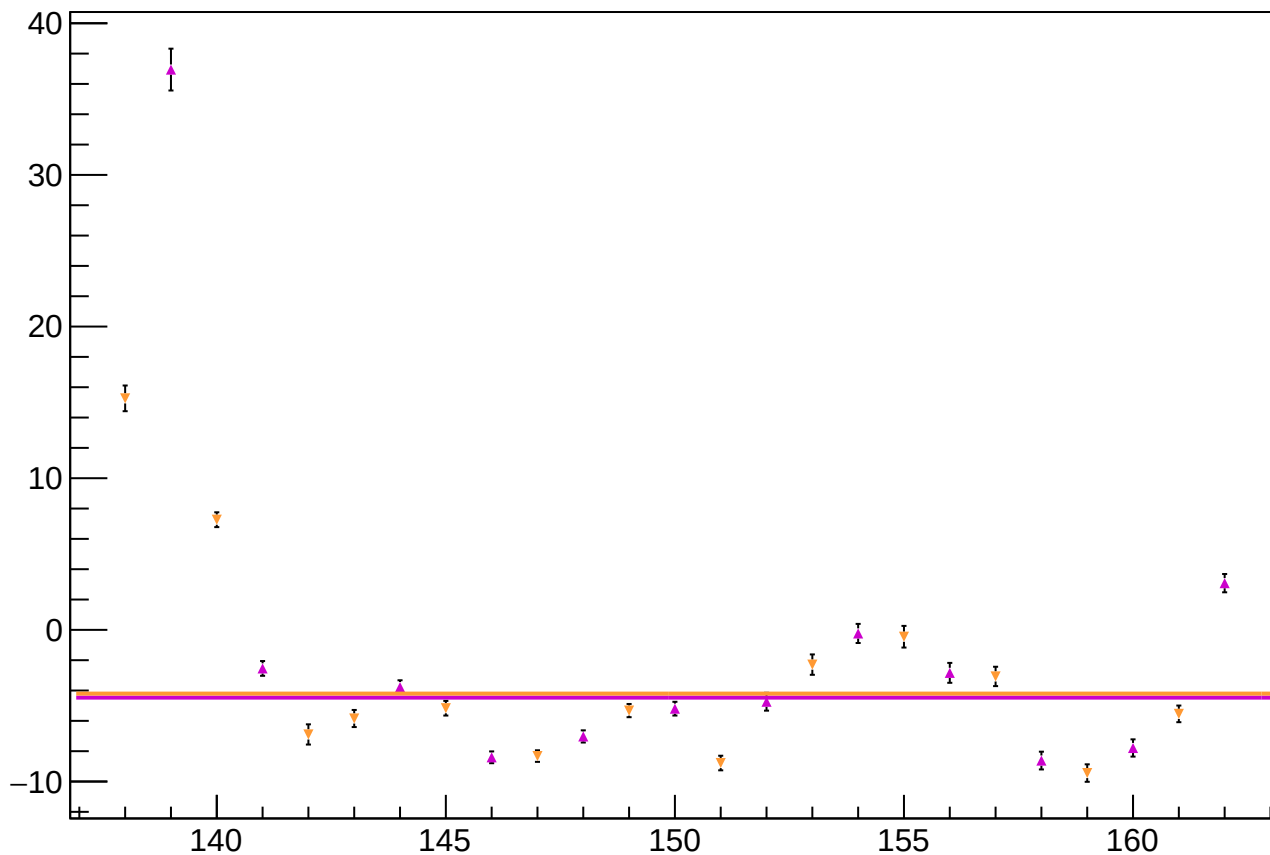
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.863+/-0.218 χ^2/NDF :2423.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Left: -12.978+/-0.154 χ^2/NDF : 4317.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.099+/-0.217 χ^2/NDF :1861.1/11
 Out: -13.863+/-0.218 χ^2/NDF :2423.5/12

All: -12.978+/-0.154 χ^2/NDF : 4317.6/24

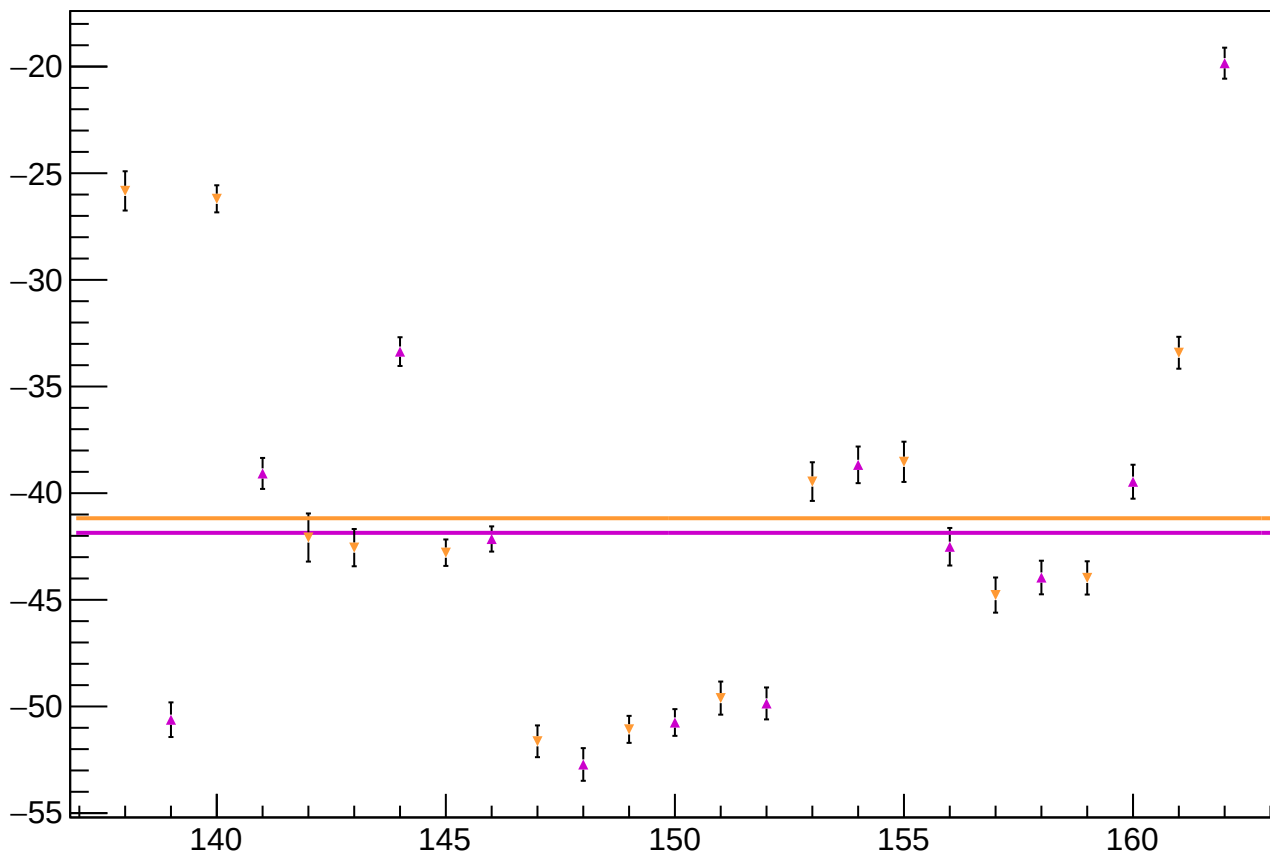
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.203+/-0.150 χ^2/NDF :1448.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.467+/-0.151 χ^2/NDF :1357.5/11

Left: -4.334+/-0.106 χ^2/NDF : 2807.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.467+/-0.151 χ^2/NDF :1357.5/11
 Out: -4.203+/-0.150 χ^2/NDF :1448.5/12
 All: -4.334+/-0.106 χ^2/NDF : 2807.6/24

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: -41.176 ± 0.215 χ^2/NDF : 1554.9/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -41.860 ± 0.212 χ^2/NDF : 1754.5/11

Left: -41.523 ± 0.151 χ^2/NDF : 3314.5/24

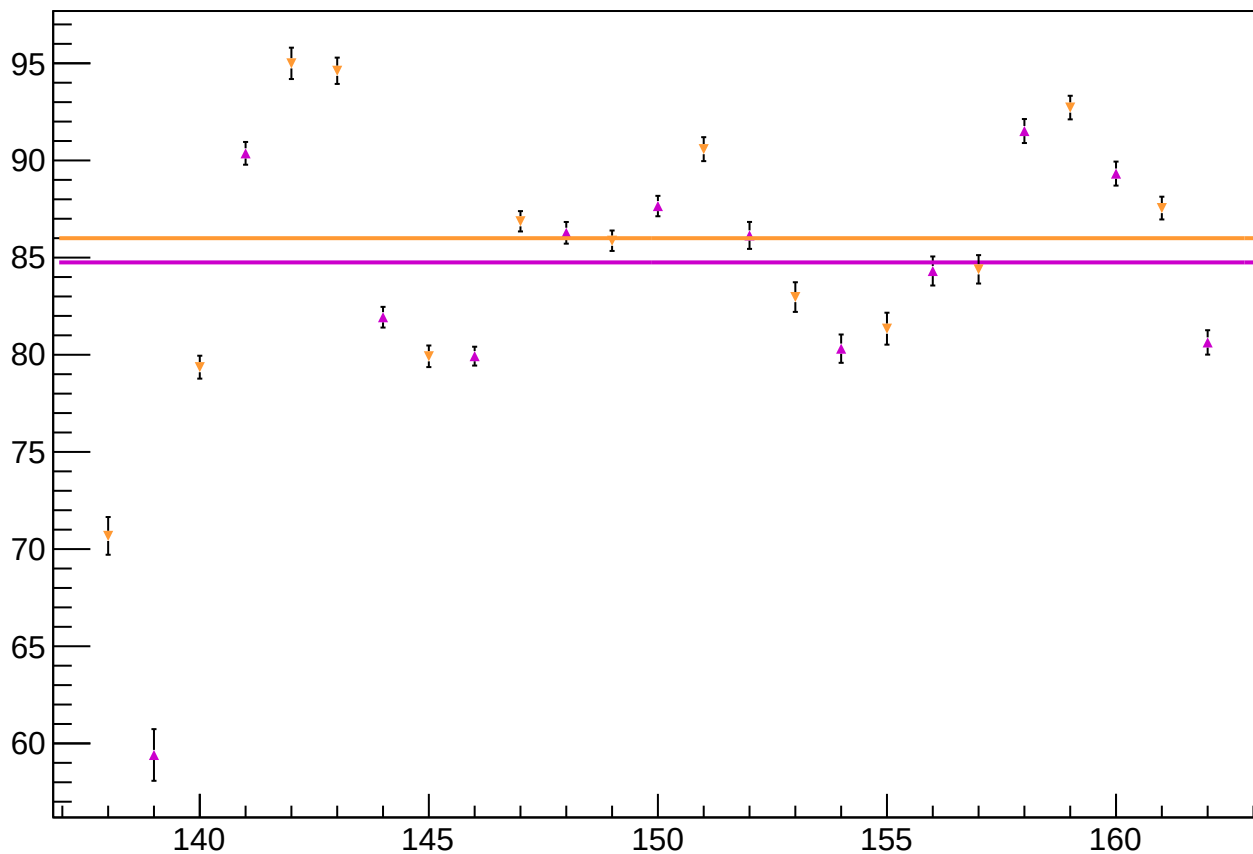
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -41.860 ± 0.212 χ^2/NDF : 1754.5/11

Out: -41.176 ± 0.215 χ^2/NDF : 1554.9/12

All: -41.523 ± 0.151 χ^2/NDF : 3314.5/24

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: 85.999+/-0.178 χ^2/NDF :1022.1/12

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

Left In: 84.753+/-0.178 χ^2/NDF :879.1/11

Left: 85.375+/-0.126 χ^2/NDF : 1925.7/24

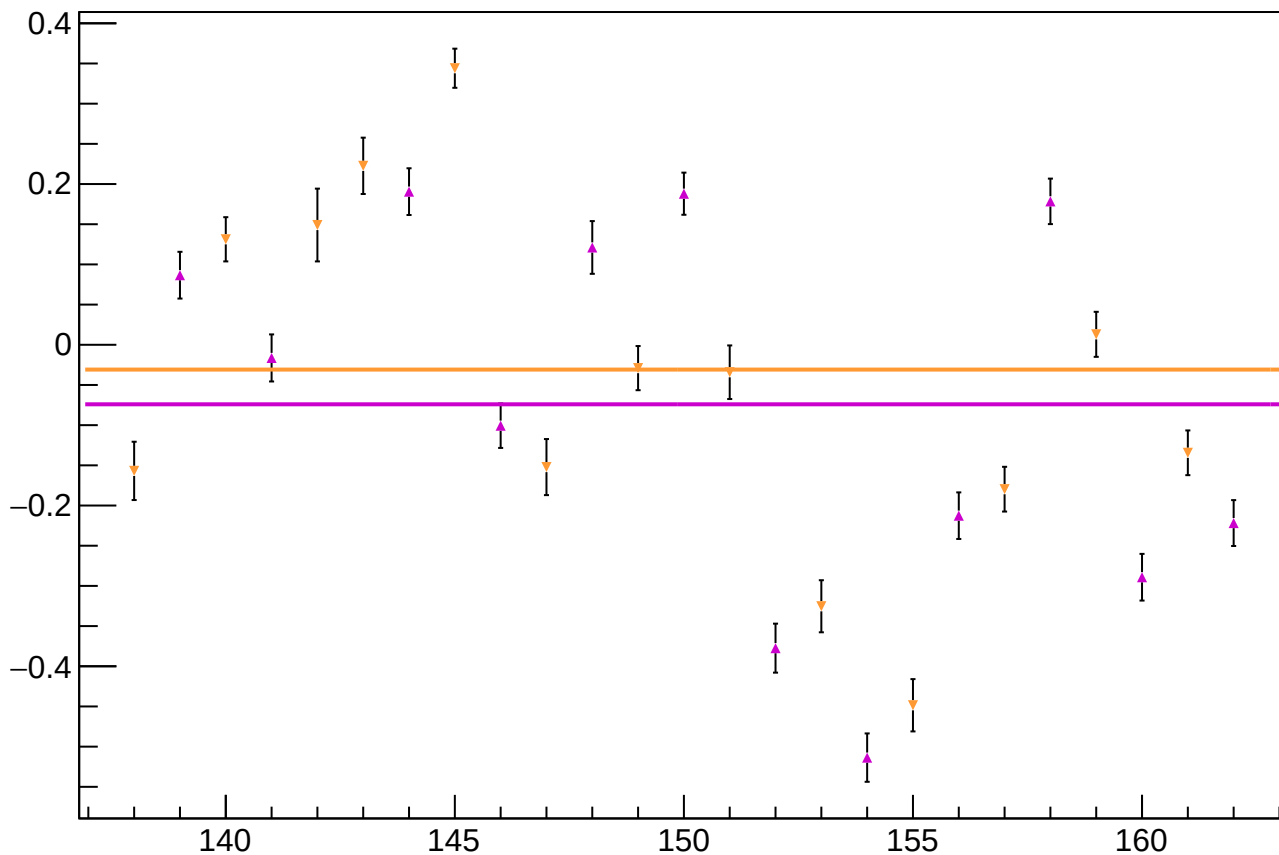
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.753+/-0.178 χ^2/NDF :879.1/11

Out: 85.999+/-0.178 χ^2/NDF :1022.1/12

All: 85.375+/-0.126 χ^2/NDF : 1925.7/24

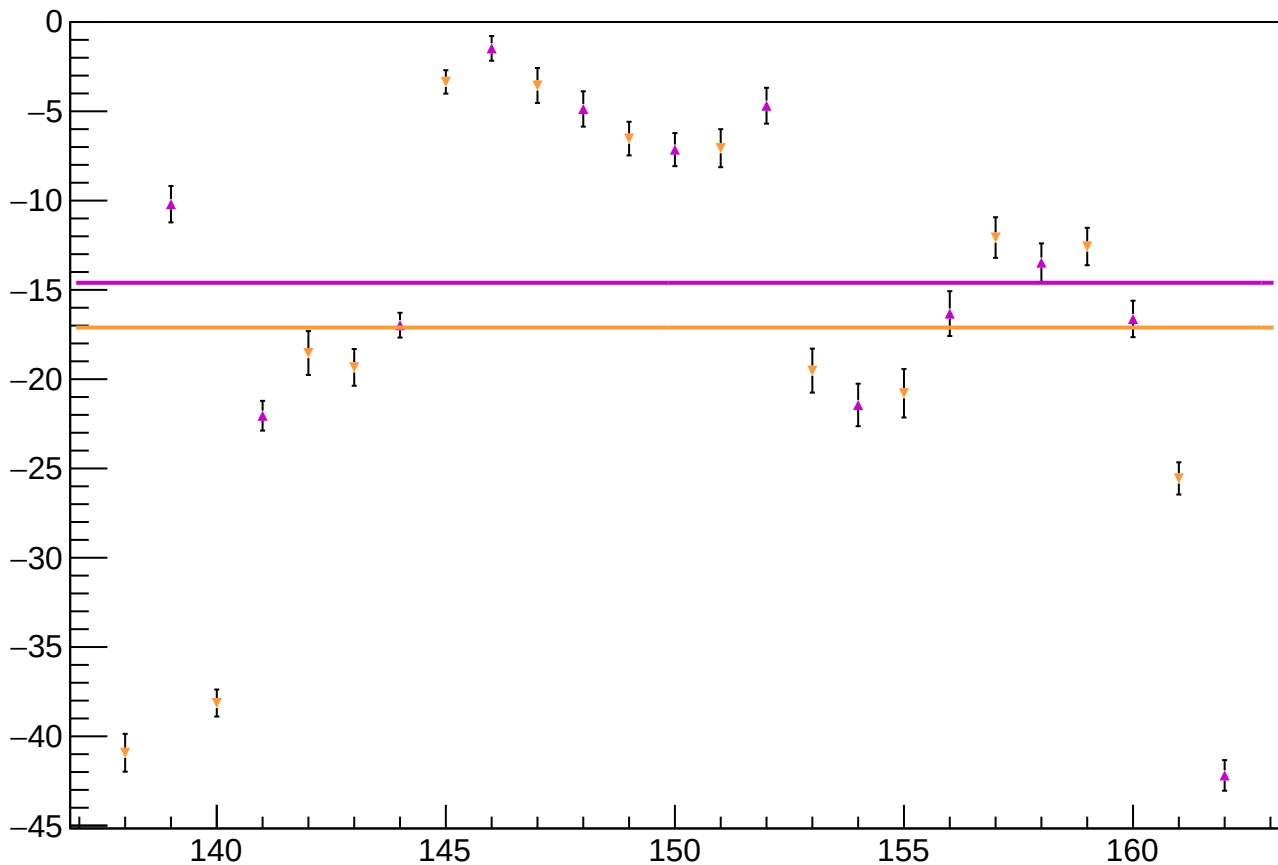
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.031 ± 0.008 $\chi^2/\text{NDF}: 656.5/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 750.1/11$

Left: -0.053 ± 0.006 $\chi^2/\text{NDF}: 1419.7/24$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 750.1/11$
 Out: -0.031 ± 0.008 $\chi^2/\text{NDF}: 656.5/12$
 All: -0.053 ± 0.006 $\chi^2/\text{NDF}: 1419.7/24$

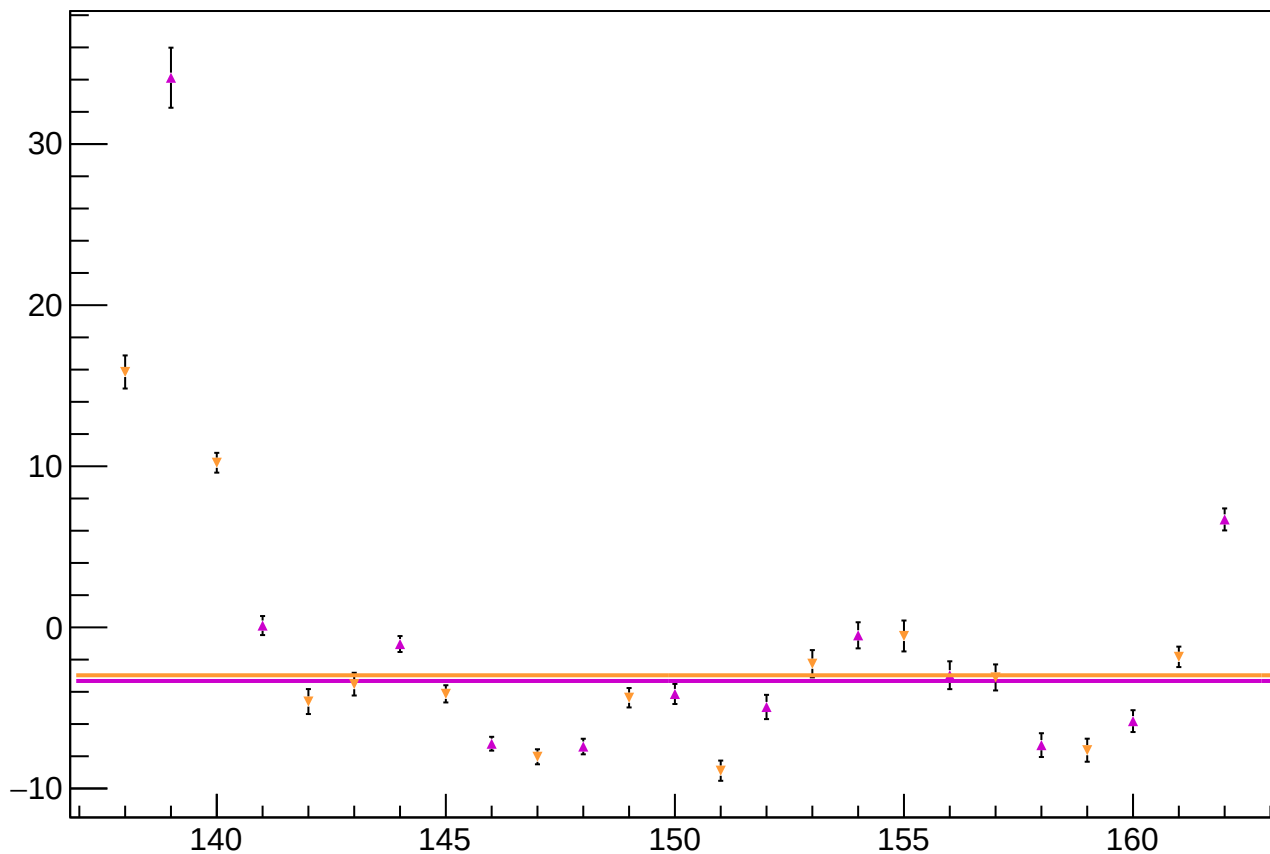
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -17.109 $\pm$ 0.270 χ^2/NDF :2268.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -14.603 $\pm$ 0.265 χ^2/NDF :1804.5/11

Left: -15.832 $\pm$ 0.189 χ^2/NDF : 4116.5/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -14.603 $\pm$ 0.265 χ^2/NDF :1804.5/11
 Out: -17.109 $\pm$ 0.270 χ^2/NDF :2268.0/12
 All: -15.832 $\pm$ 0.189 χ^2/NDF : 4116.5/24

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



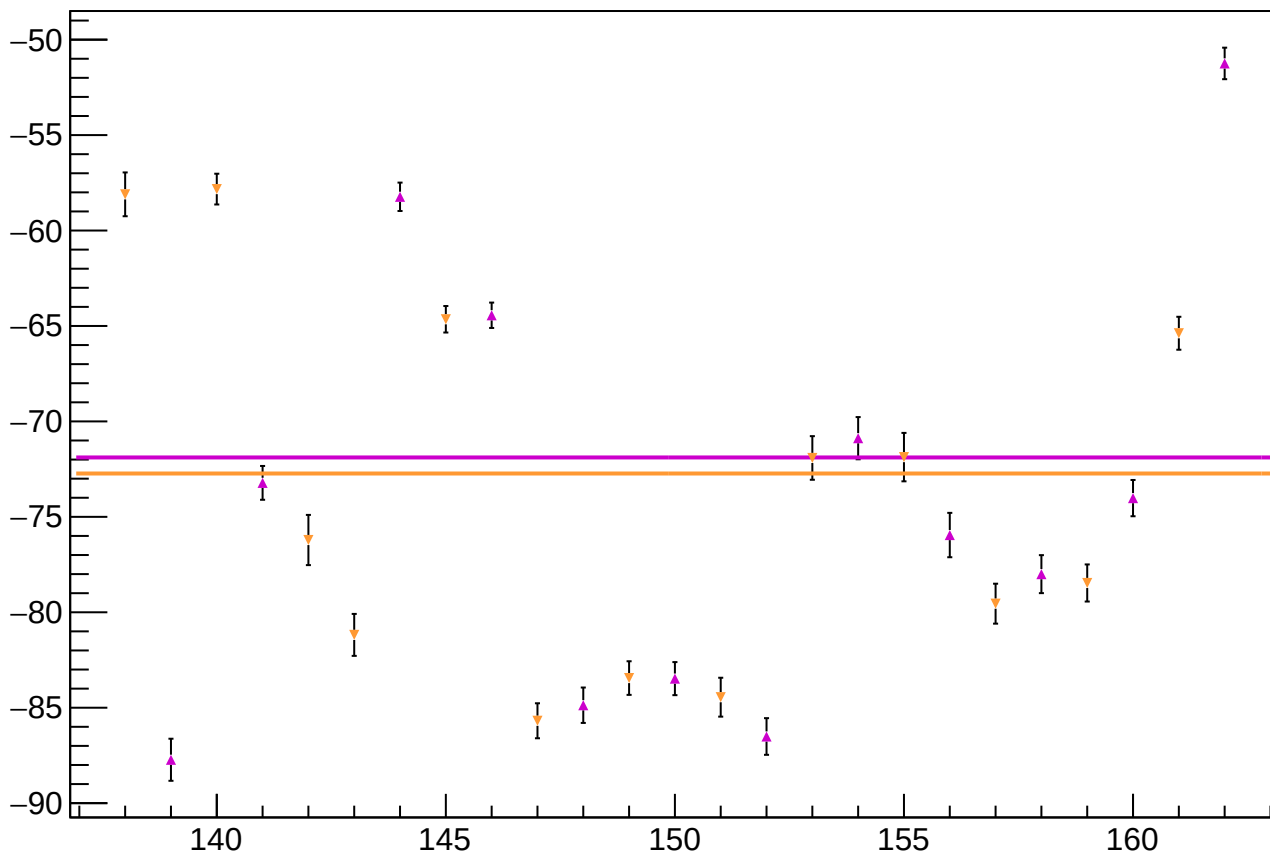
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.973+/-0.185 χ^2/NDF :1071.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.327+/-0.182 χ^2/NDF :888.6/11

Left: -3.153+/-0.130 χ^2/NDF : 1961.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.327+/-0.182 χ^2/NDF :888.6/11
 Out: -2.973+/-0.185 χ^2/NDF :1071.3/12

All: -3.153+/-0.130 χ^2/NDF : 1961.8/24

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: -72.729+/-0.268 χ^2/NDF :1336.9/12

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

Left In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Left: -72.295+/-0.186 χ^2/NDF : 3301.2/24

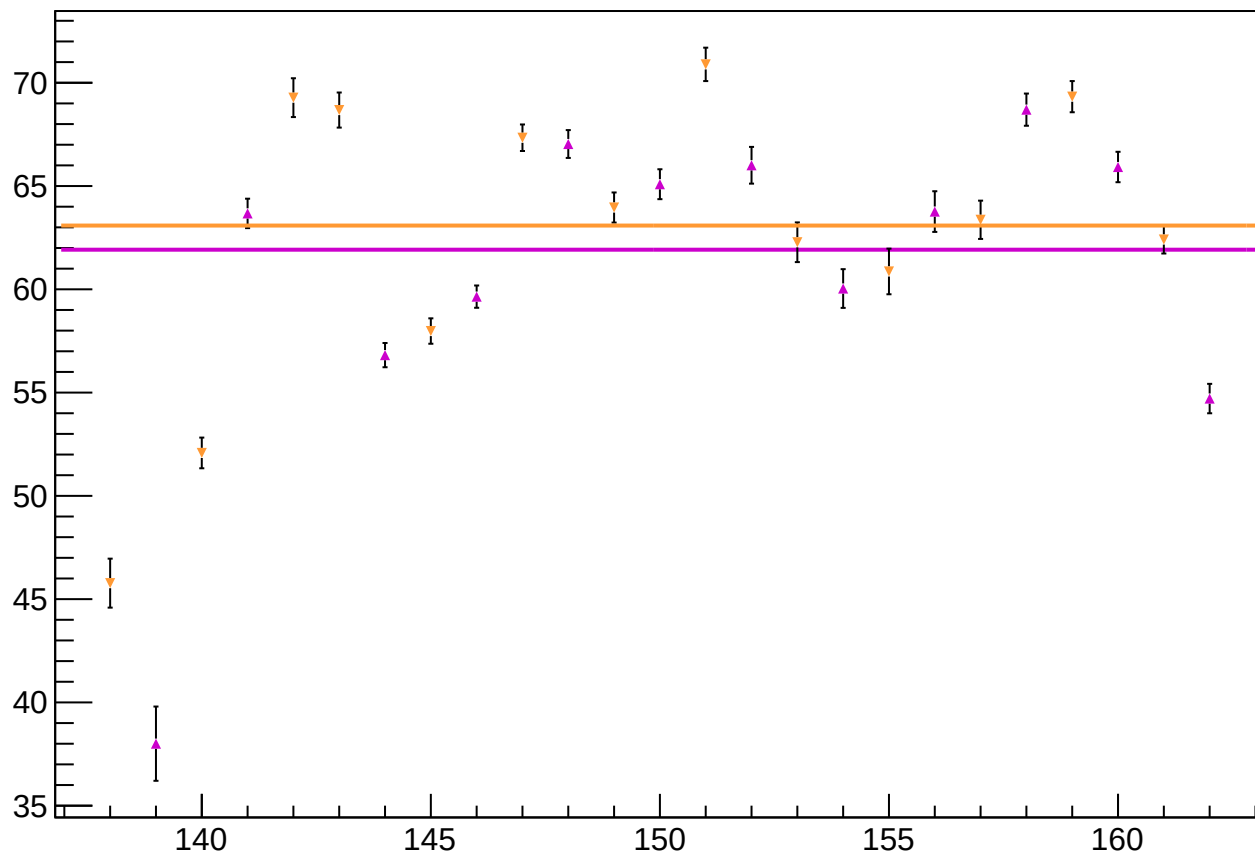
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Out: -72.729+/-0.268 χ^2/NDF :1336.9/12

All: -72.295+/-0.186 χ^2/NDF : 3301.2/24

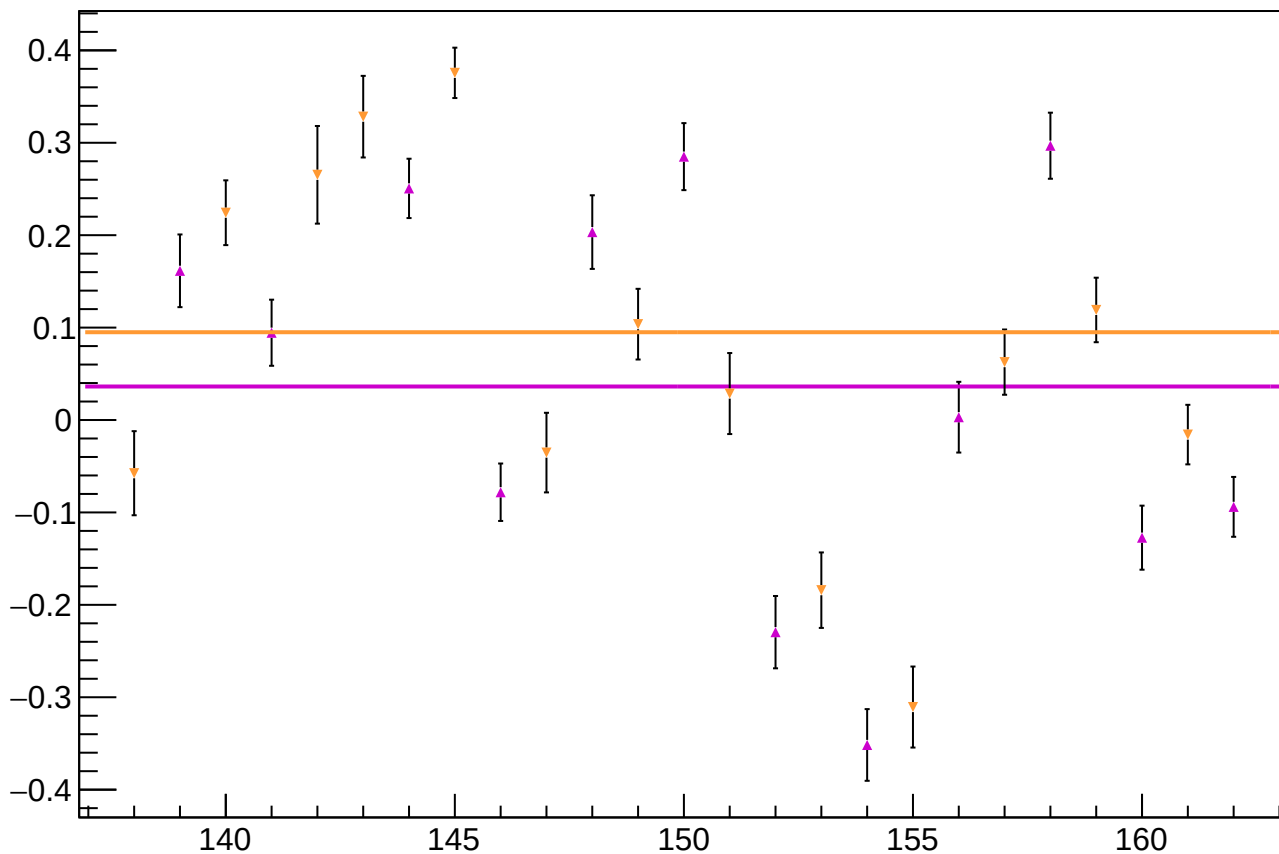
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.087+/-0.221 χ^2/NDF :801.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.918+/-0.215 χ^2/NDF :589.7/11

Left: 62.487+/-0.154 χ^2/NDF : 1405.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.918+/-0.215 χ^2/NDF :589.7/11
 Out: 63.087+/-0.221 χ^2/NDF :801.1/12
 All: 62.487+/-0.154 χ^2/NDF : 1405.2/24

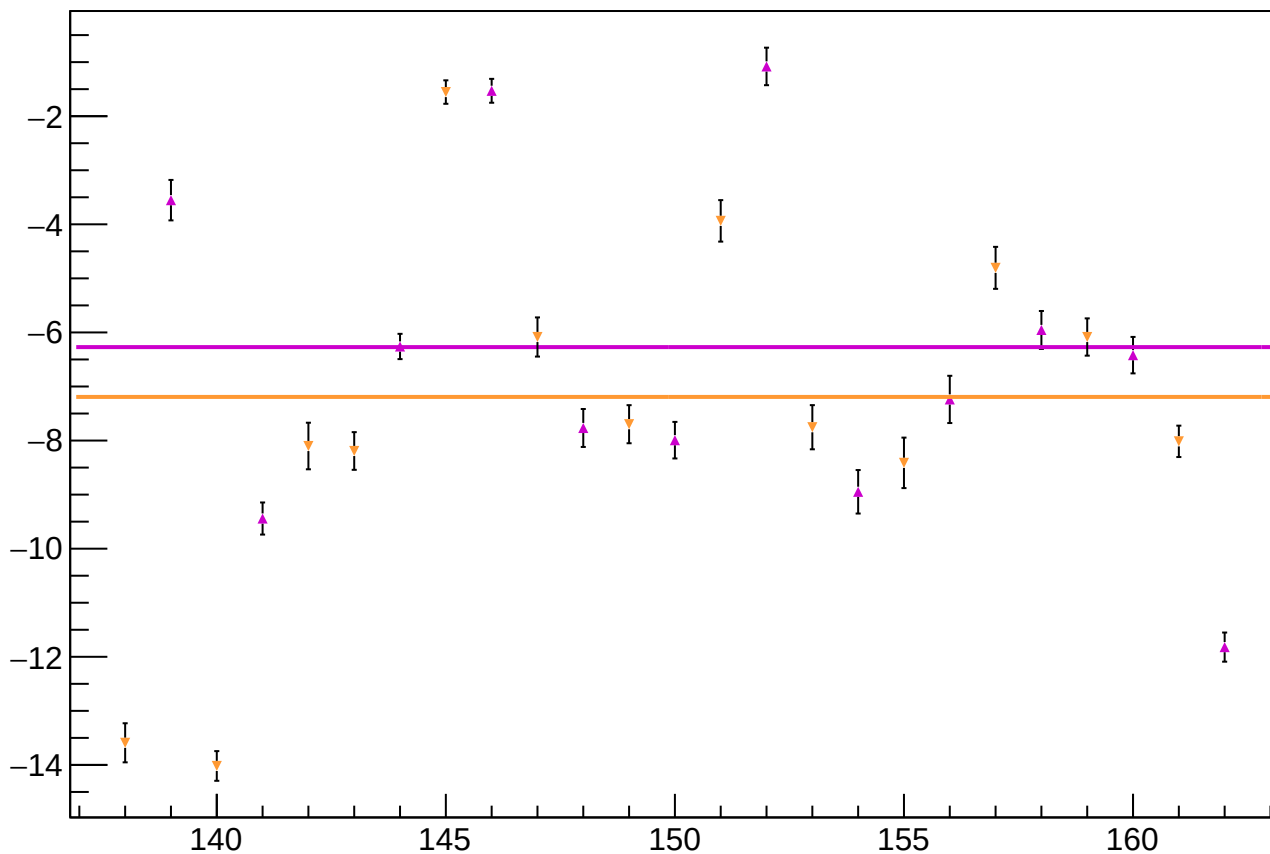
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.095+/-0.011 χ^2/NDF :326.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.036+/-0.010 χ^2/NDF :374.0/11

Left: 0.065+/-0.007 χ^2/NDF : 716.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.036+/-0.010 χ^2/NDF :374.0/11
 Out: 0.095+/-0.011 χ^2/NDF :326.2/12
 All: 0.065+/-0.007 χ^2/NDF : 716.0/24

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: -7.193+/-0.093 χ^2/NDF :1767.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.271+/-0.090 χ^2/NDF :1369.6/11

Left: -6.715+/-0.065 χ^2/NDF : 3187.8/24

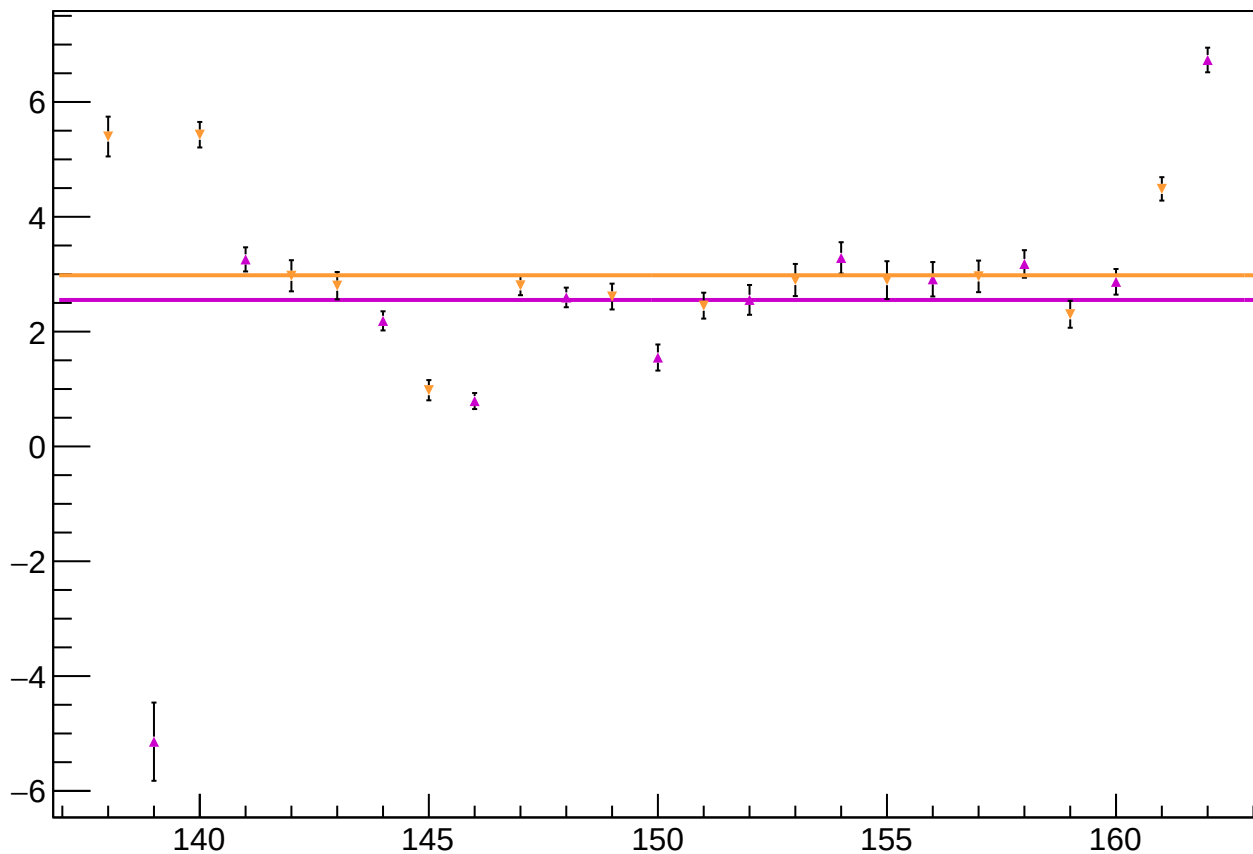
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.271+/-0.090 χ^2/NDF :1369.6/11

Out: -7.193+/-0.093 χ^2/NDF :1767.3/12

All: -6.715+/-0.065 χ^2/NDF : 3187.8/24

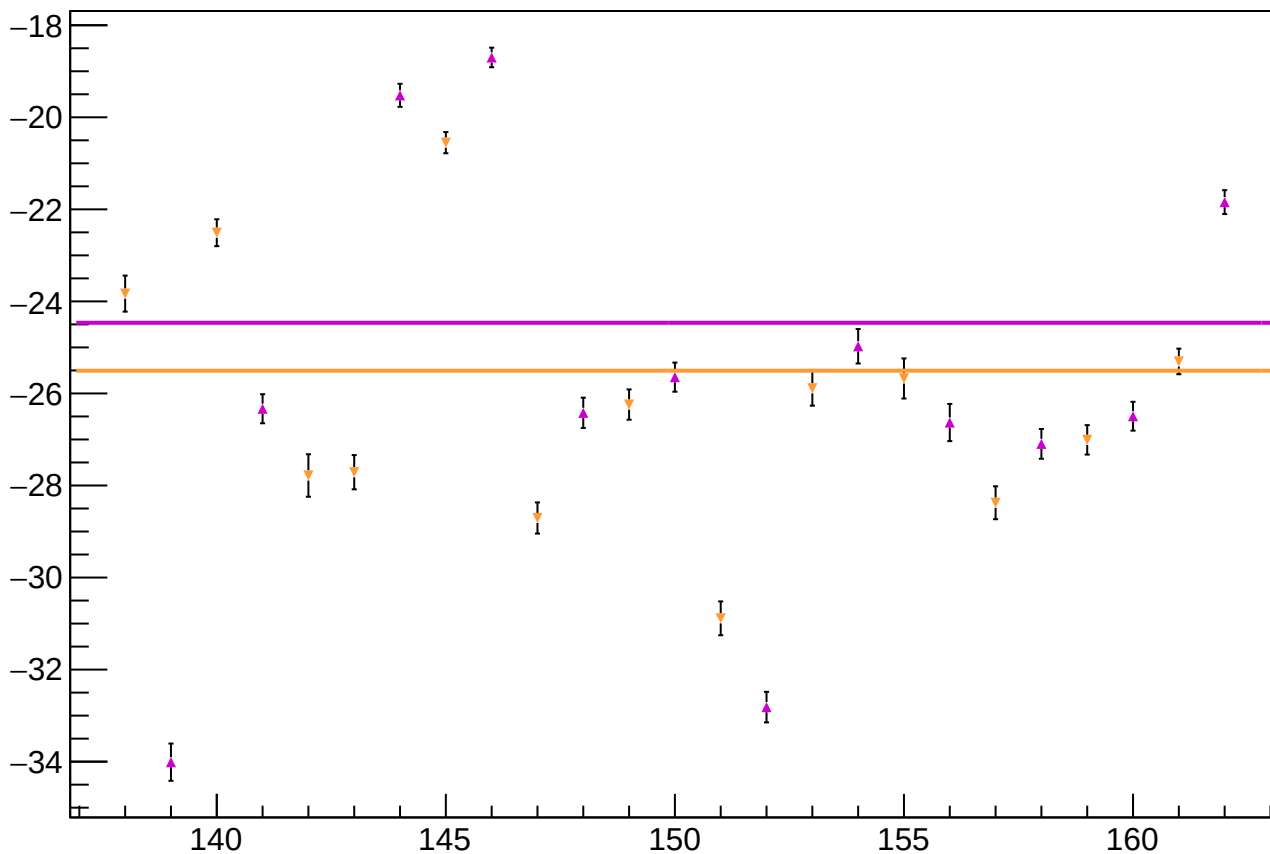
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.982+/-0.064 χ^2 /NDF:371.6/12
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 2.551+/-0.062 χ^2 /NDF:719.6/11

Left: 2.757+/-0.044 χ^2 /NDF: 1114.6/24
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 2.551+/-0.062 χ^2 /NDF:719.6/11
 Out: 2.982+/-0.064 χ^2 /NDF:371.6/12
 All: 2.757+/-0.044 χ^2 /NDF: 1114.6/24

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

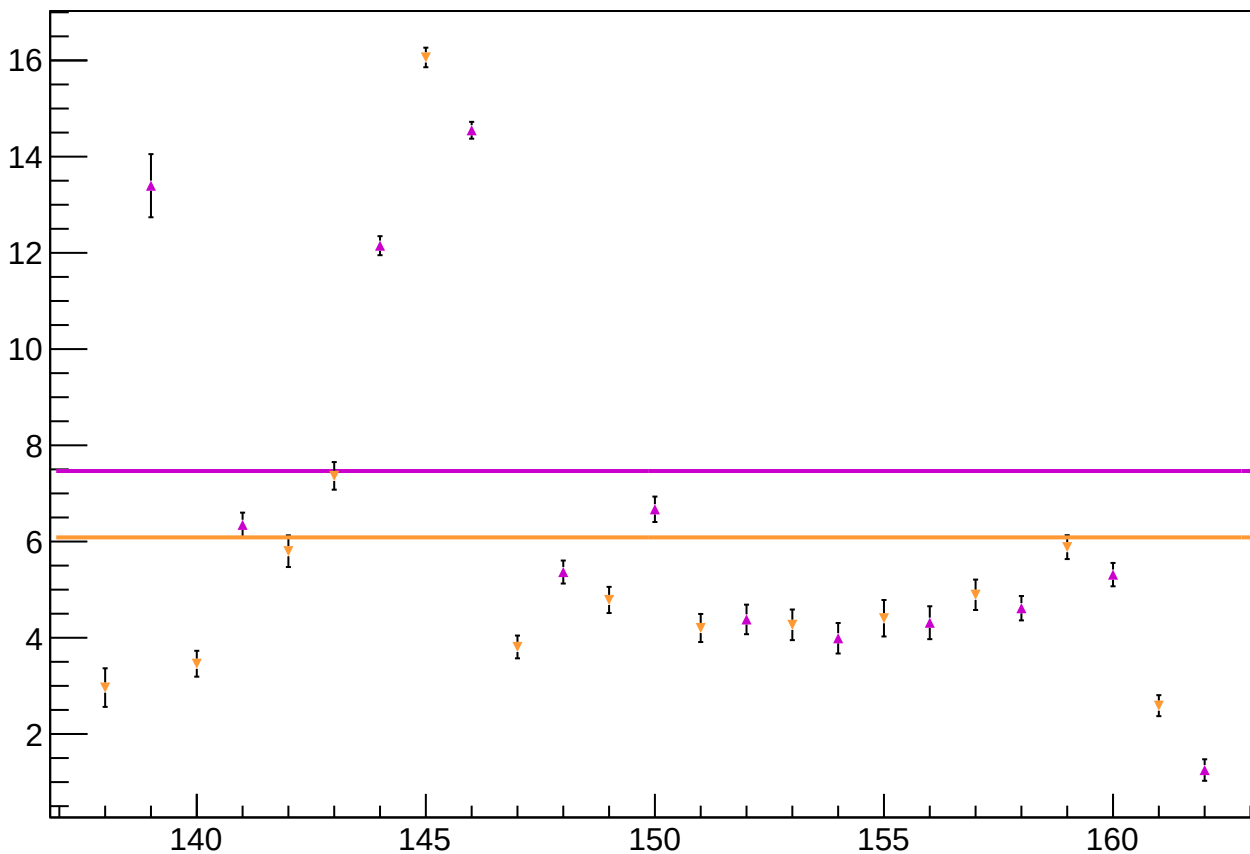


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.505+/-0.092 χ^2/NDF :1042.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Left: -24.957+/-0.064 χ^2/NDF : 3748.5/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.465+/-0.088 χ^2/NDF :2639.0/11
 Out: -25.505+/-0.092 χ^2/NDF :1042.6/12

All: -24.957+/-0.064 χ^2/NDF : 3748.5/24

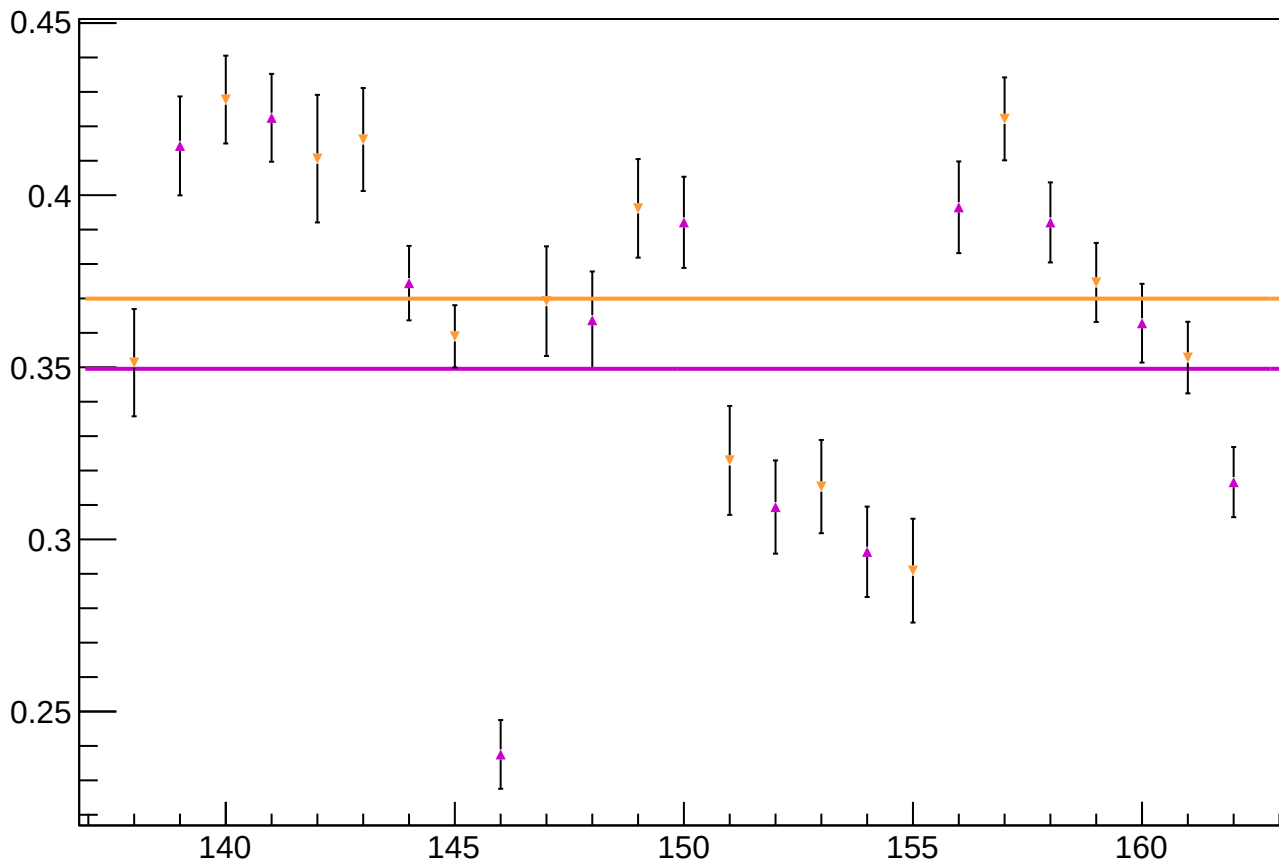
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.086+/-0.076 χ^2/NDF :3067.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.466+/-0.073 χ^2/NDF :3673.3/11

Left: 6.808+/-0.053 χ^2/NDF : 6913.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.466+/-0.073 χ^2/NDF :3673.3/11
 Out: 6.086+/-0.076 χ^2/NDF :3067.6/12
 All: 6.808+/-0.053 χ^2/NDF : 6913.0/24

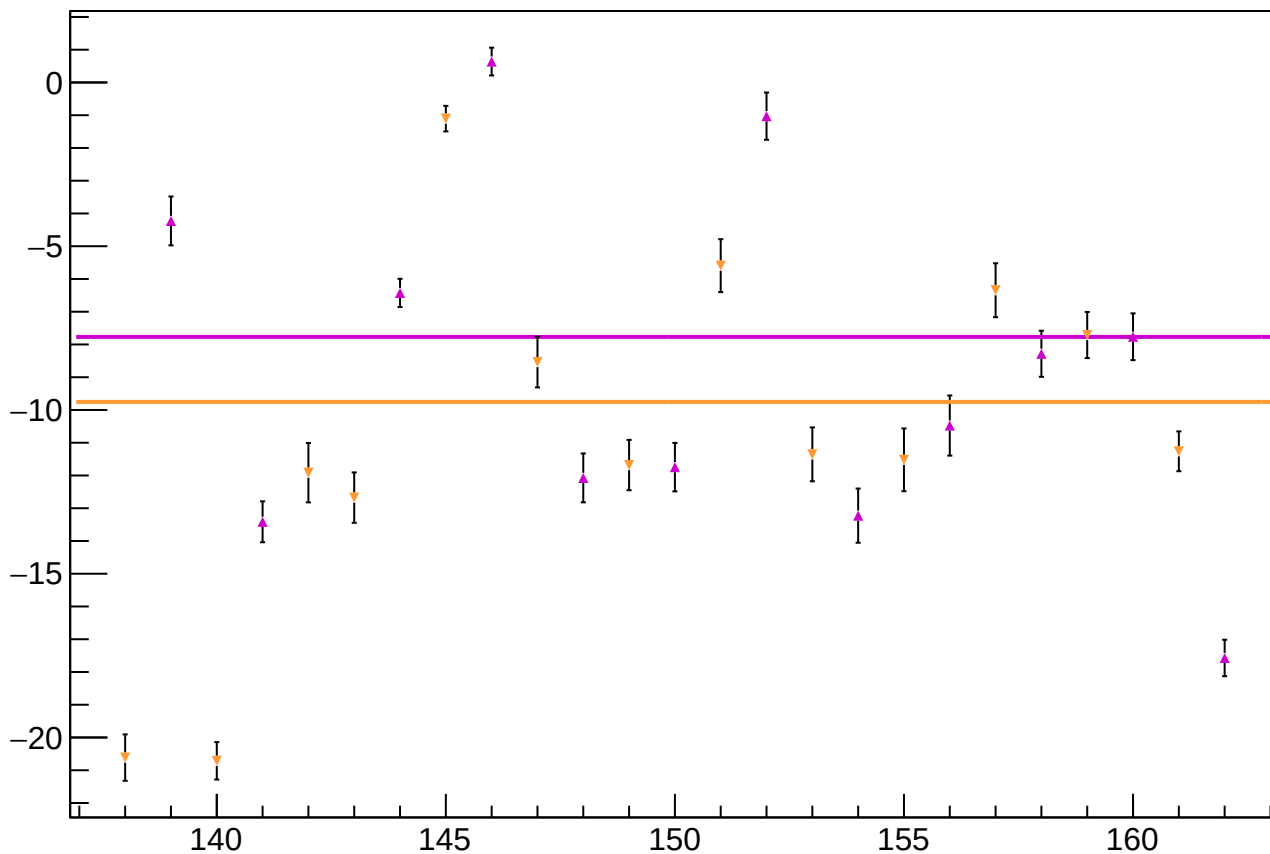
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.370 $\pm$ 0.004 χ^2 /NDF:115.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.350 $\pm$ 0.003 χ^2 /NDF:258.2/11

Left: 0.359 $\pm$ 0.003 χ^2 /NDF: 389.9/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.350 $\pm$ 0.003 χ^2 /NDF:258.2/11
 Out: 0.370 $\pm$ 0.004 χ^2 /NDF:115.3/12
 All: 0.359 $\pm$ 0.003 χ^2 /NDF: 389.9/24

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.753+/-0.188 χ^2/NDF :1188.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.181 χ^2/NDF :1019.0/11

Left: -8.719+/-0.130 χ^2/NDF : 2265.5/24

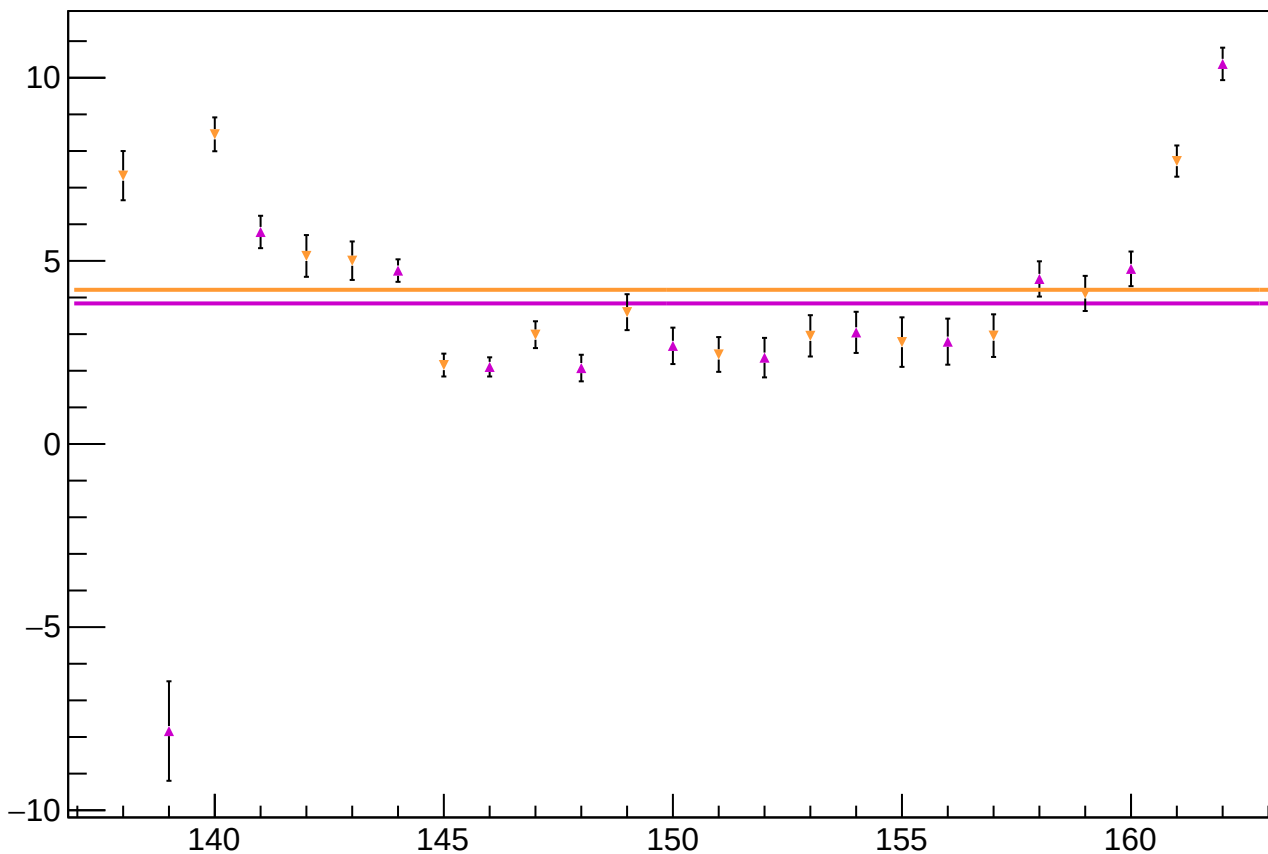
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.769+/-0.181 χ^2/NDF :1019.0/11

Out: -9.753+/-0.188 χ^2/NDF :1188.6/12

All: -8.719+/-0.130 χ^2/NDF : 2265.5/24

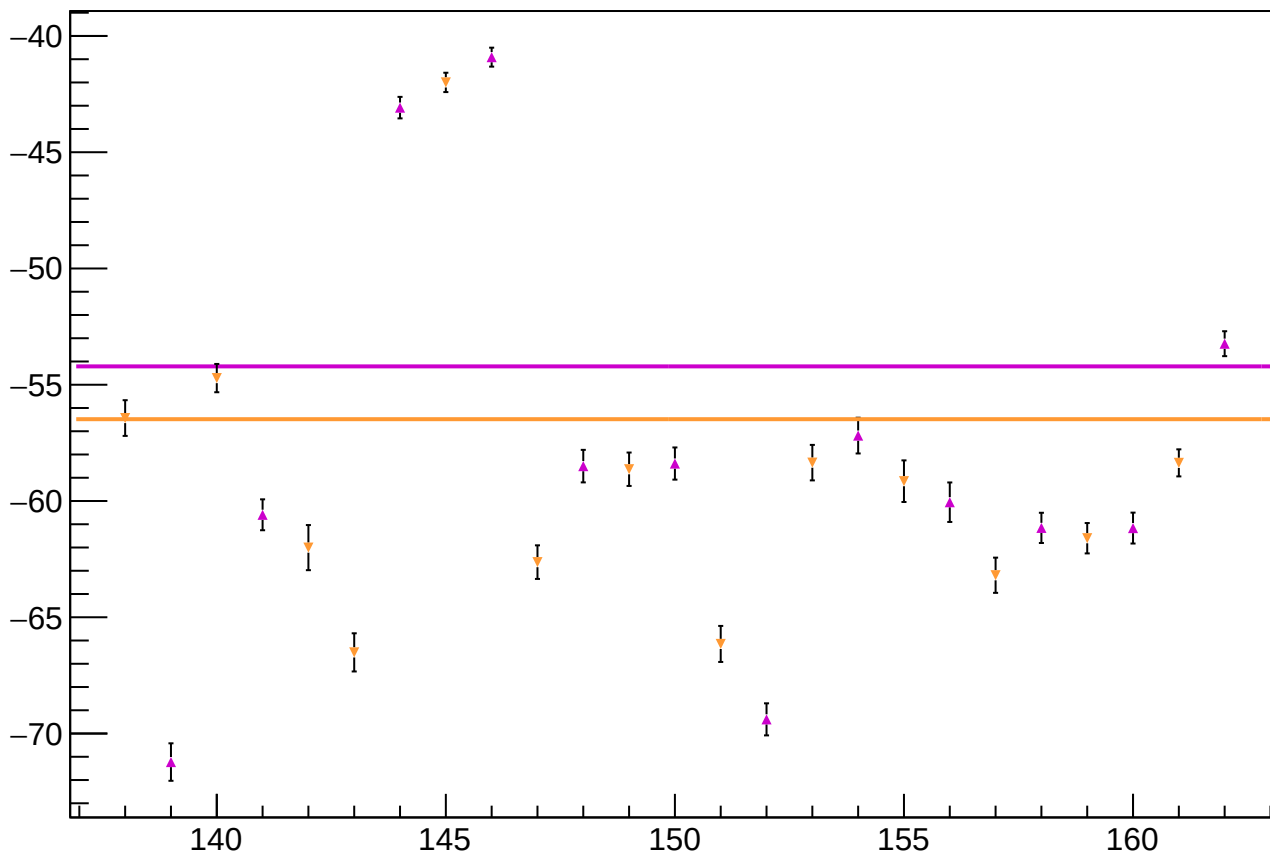
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.211+/-0.131 χ^2/NDF :262.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.838+/-0.124 χ^2/NDF :410.7/11

Left: 4.013+/-0.090 χ^2/NDF : 677.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.838+/-0.124 χ^2/NDF :410.7/11
 Out: 4.211+/-0.131 χ^2/NDF :262.7/12
 All: 4.013+/-0.090 χ^2/NDF : 677.7/24

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: -56.481+/-0.188 χ^2/NDF :1805.2/12

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

Left In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Left: -55.277+/-0.129 χ^2/NDF : 4911.1/24

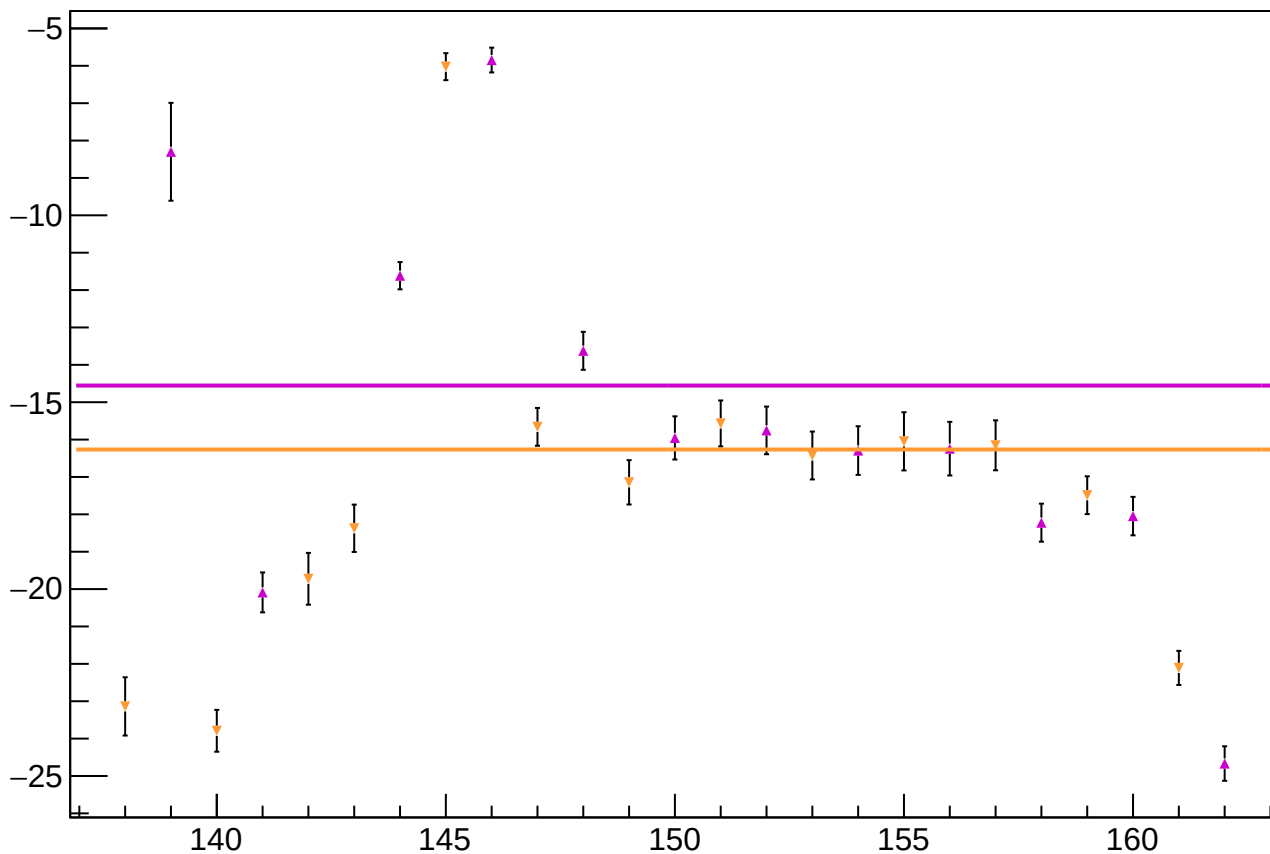
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Out: -56.481+/-0.188 χ^2/NDF :1805.2/12

All: -55.277+/-0.129 χ^2/NDF : 4911.1/24

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: -16.265+/-0.155 χ^2/NDF :1274.9/12

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

Left In: -14.555+/-0.146 χ^2/NDF :1489.9/11

Left: -15.360+/-0.106 χ^2/NDF : 2829.2/24

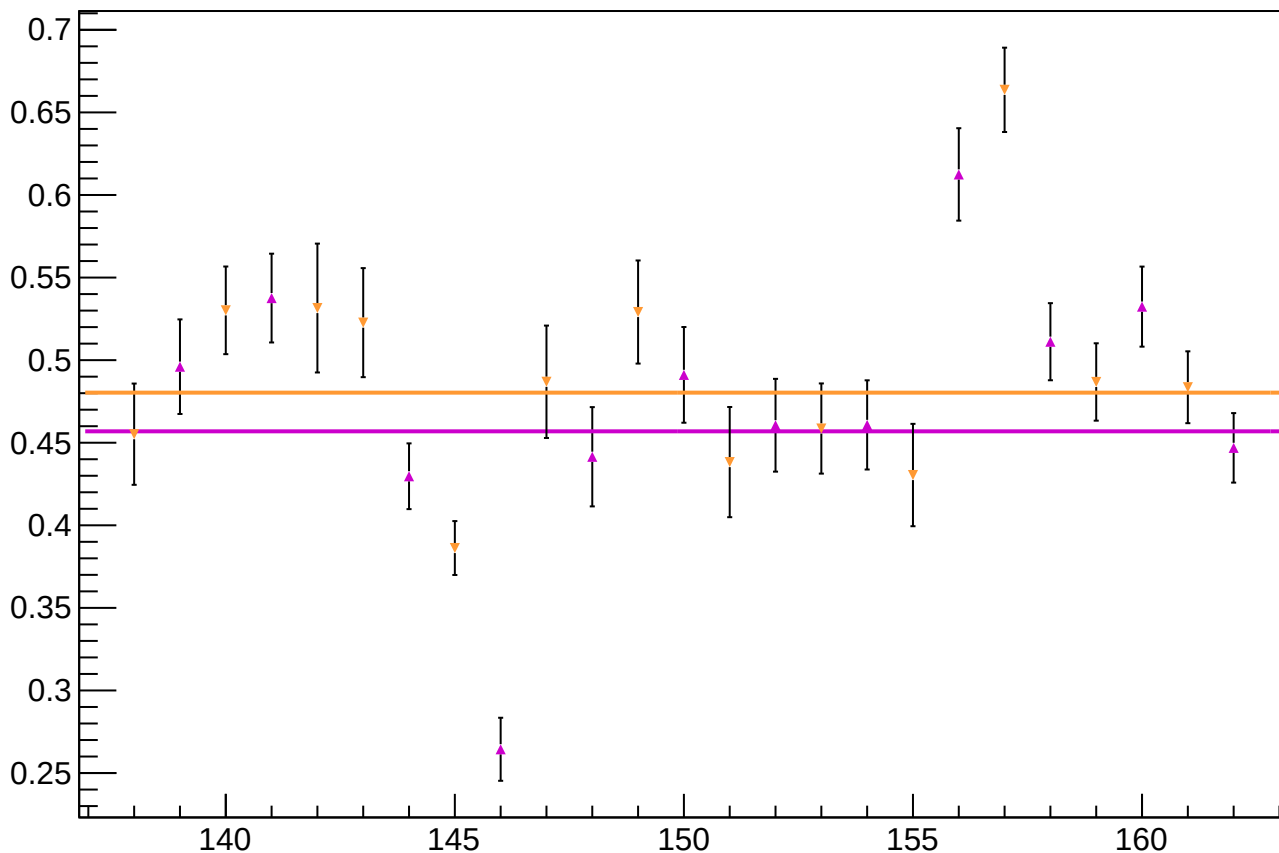
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.555+/-0.146 χ^2/NDF :1489.9/11

Out: -16.265+/-0.155 χ^2/NDF :1274.9/12

All: -15.360+/-0.106 χ^2/NDF : 2829.2/24

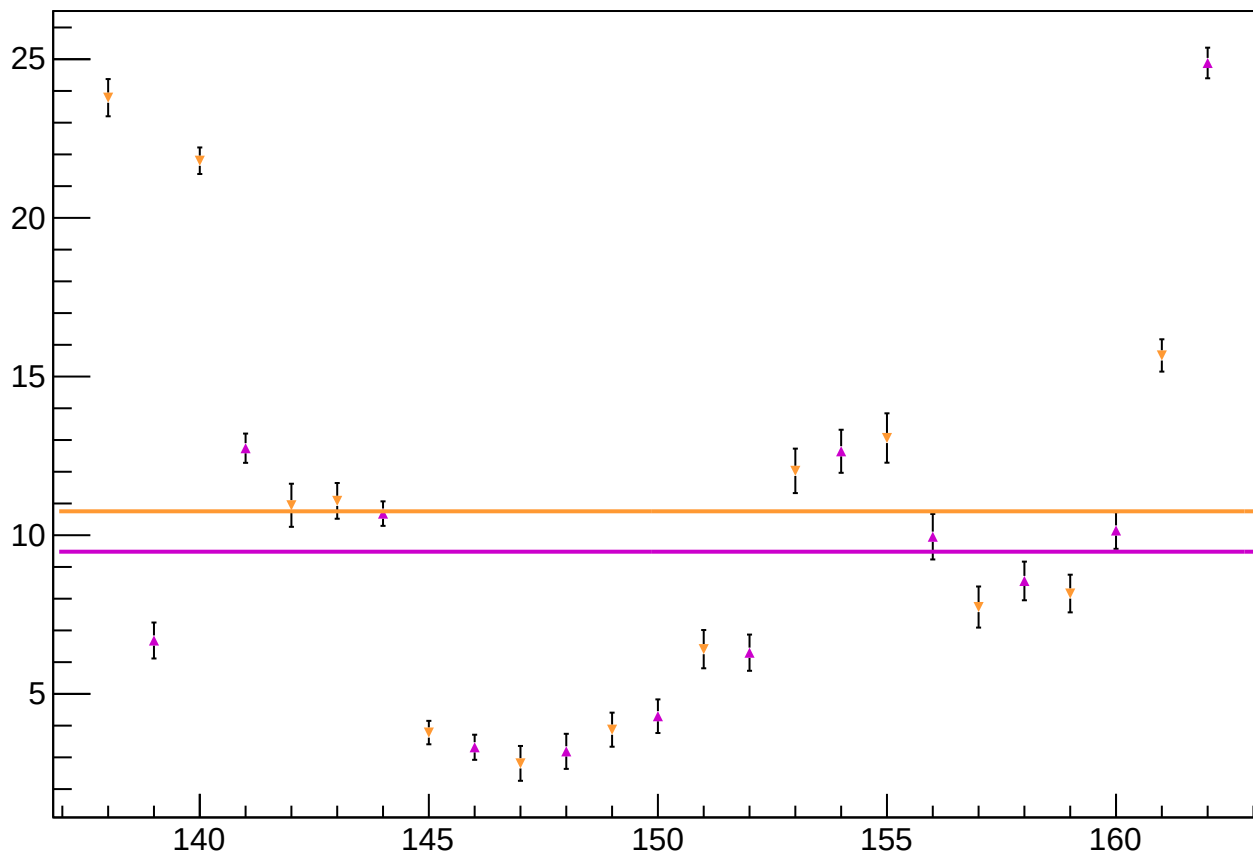
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.480 $\pm$ 0.007 χ^2 /NDF:99.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.457 $\pm$ 0.007 χ^2 /NDF:162.4/11

Left: 0.468 $\pm$ 0.005 χ^2 /NDF: 267.4/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.457 $\pm$ 0.007 χ^2 /NDF:162.4/11
 Out: 0.480 $\pm$ 0.007 χ^2 /NDF:99.8/12
 All: 0.468 $\pm$ 0.005 χ^2 /NDF: 267.4/24

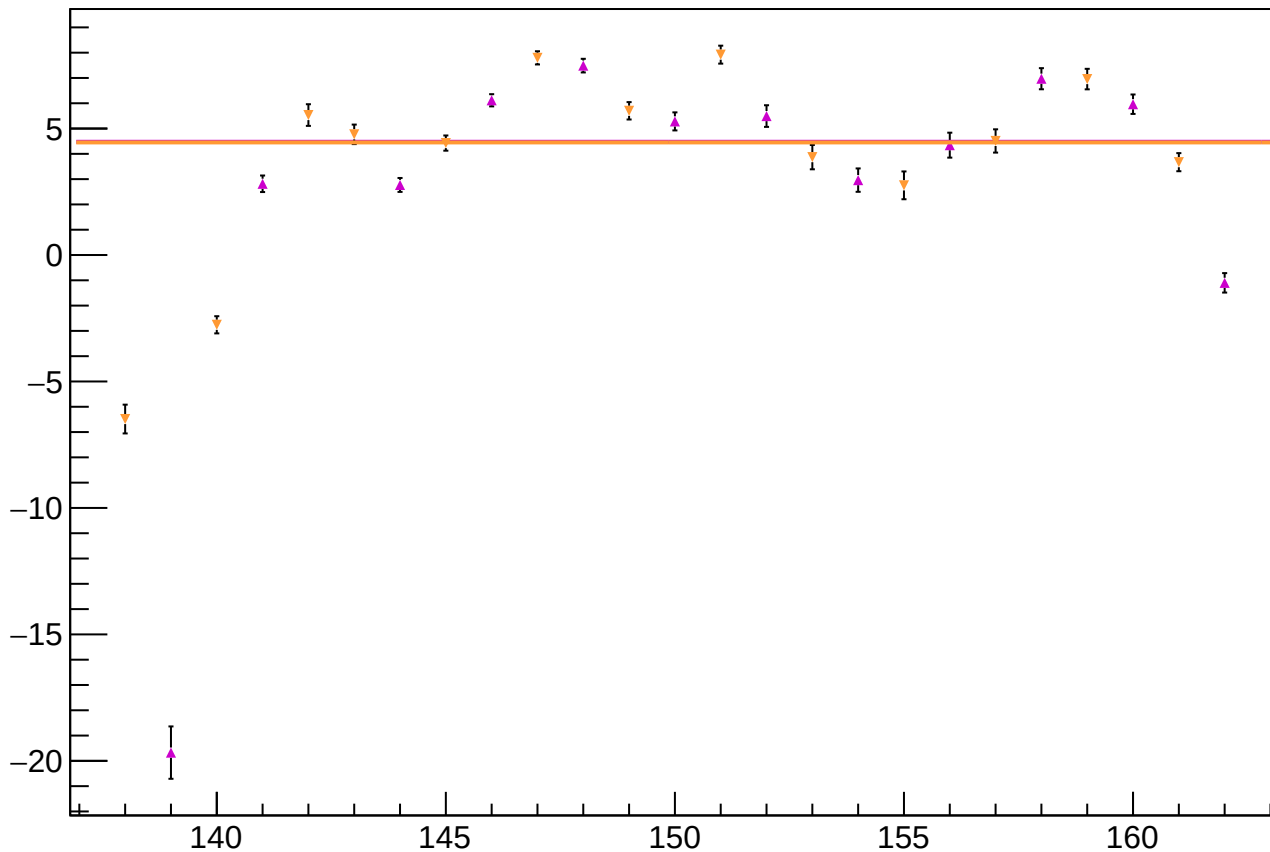
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.753+/-0.151 χ^2/NDF :2119.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.481+/-0.149 χ^2/NDF :1628.9/11

Left: 10.107+/-0.106 χ^2/NDF : 3783.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.481+/-0.149 χ^2/NDF :1628.9/11
 Out: 10.753+/-0.151 χ^2/NDF :2119.0/12
 All: 10.107+/-0.106 χ^2/NDF : 3783.8/24

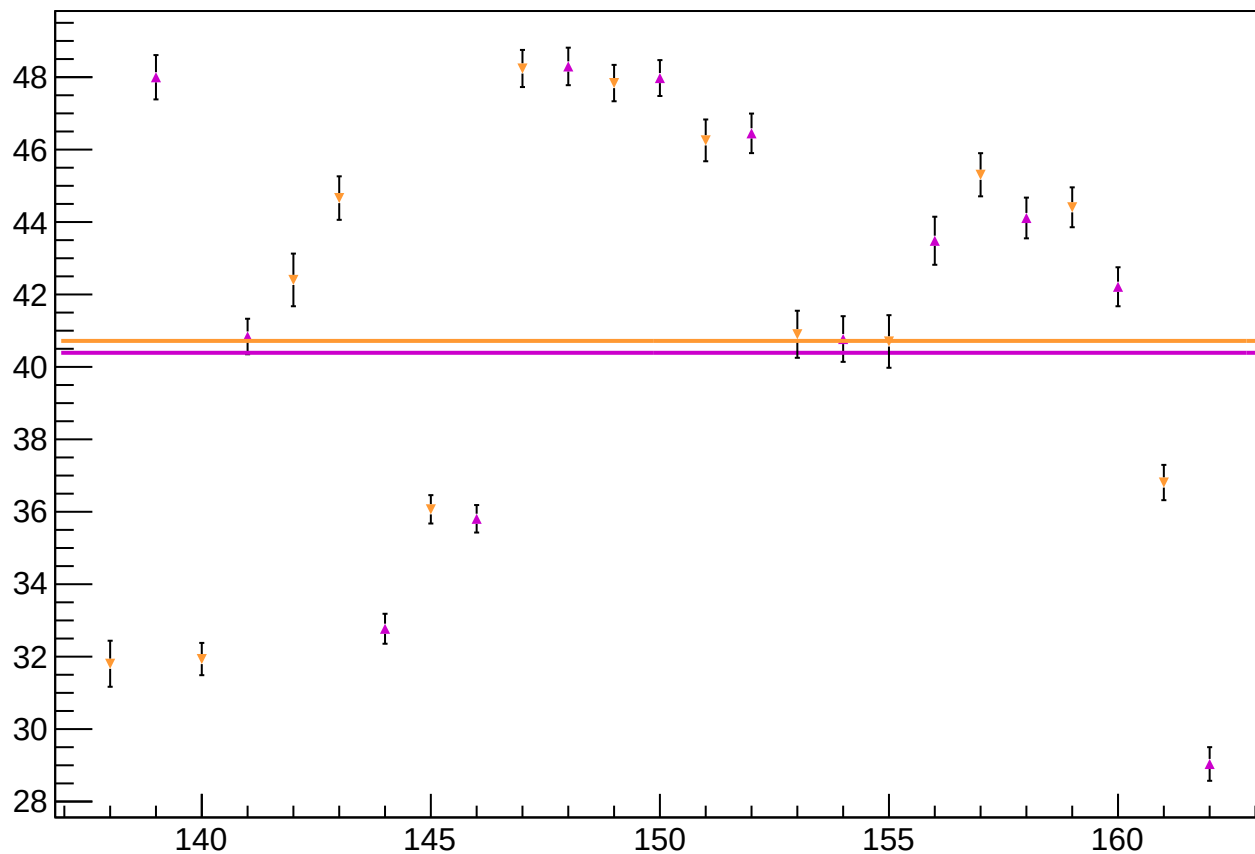
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.452+/-0.104 χ^2/NDF :1154.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.476+/-0.102 χ^2/NDF :1062.0/11

Left: 4.464+/-0.073 χ^2/NDF : 2216.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.476+/-0.102 χ^2/NDF :1062.0/11
 Out: 4.452+/-0.104 χ^2/NDF :1154.4/12
 All: 4.464+/-0.073 χ^2/NDF : 2216.4/24

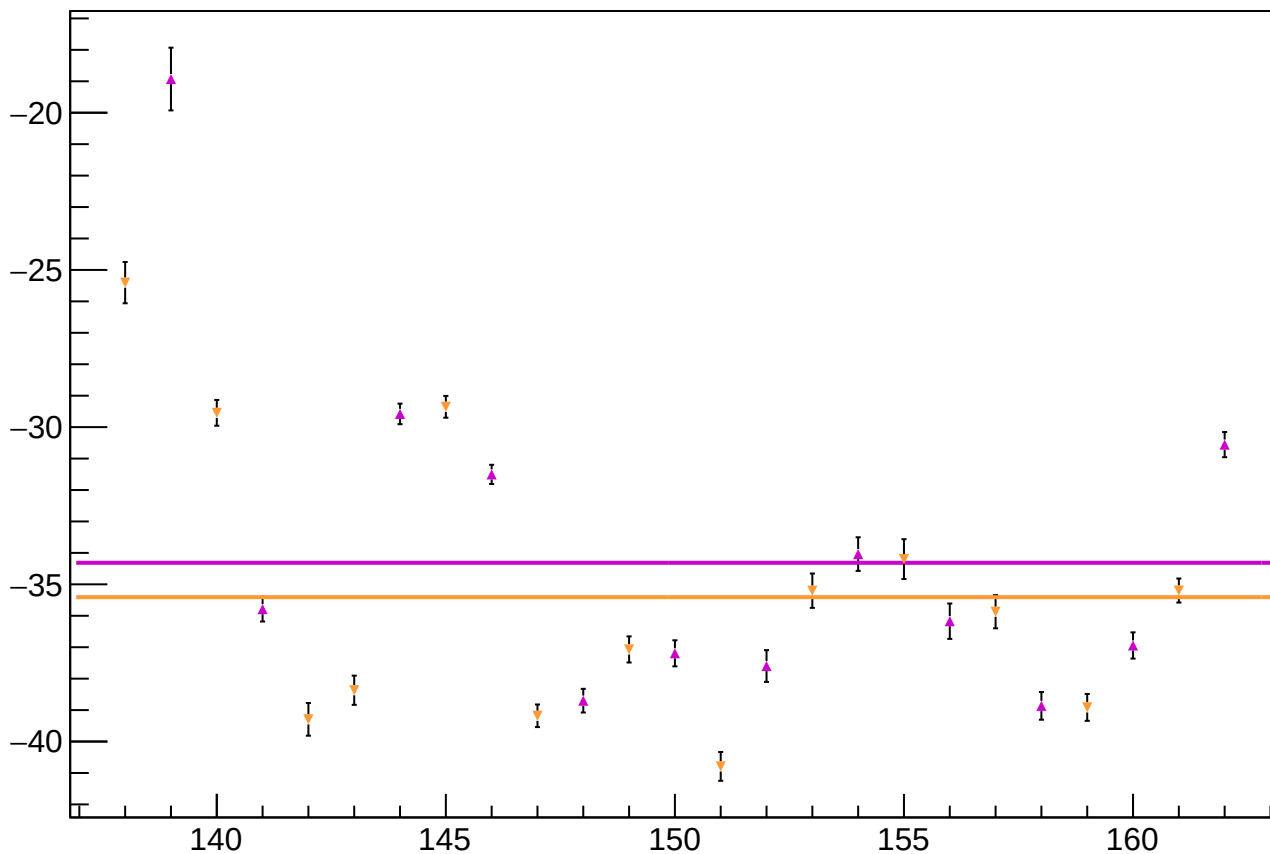
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.718 $\pm$ 0.151 χ^2 /NDF:1451.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 40.389 $\pm$ 0.146 χ^2 /NDF:1905.8/11

Left: 40.549 $\pm$ 0.105 χ^2 /NDF: 3360.1/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 40.389 $\pm$ 0.146 χ^2 /NDF:1905.8/11
 Out: 40.718 $\pm$ 0.151 χ^2 /NDF:1451.8/12
 All: 40.549 $\pm$ 0.105 χ^2 /NDF: 3360.1/24

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -35.409 ± 0.124 $\chi^2/\text{NDF}: 1174.7/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -34.315 ± 0.121 $\chi^2/\text{NDF}: 1019.0/11$

Left: -34.849 ± 0.087 $\chi^2/\text{NDF}: 2233.5/24$

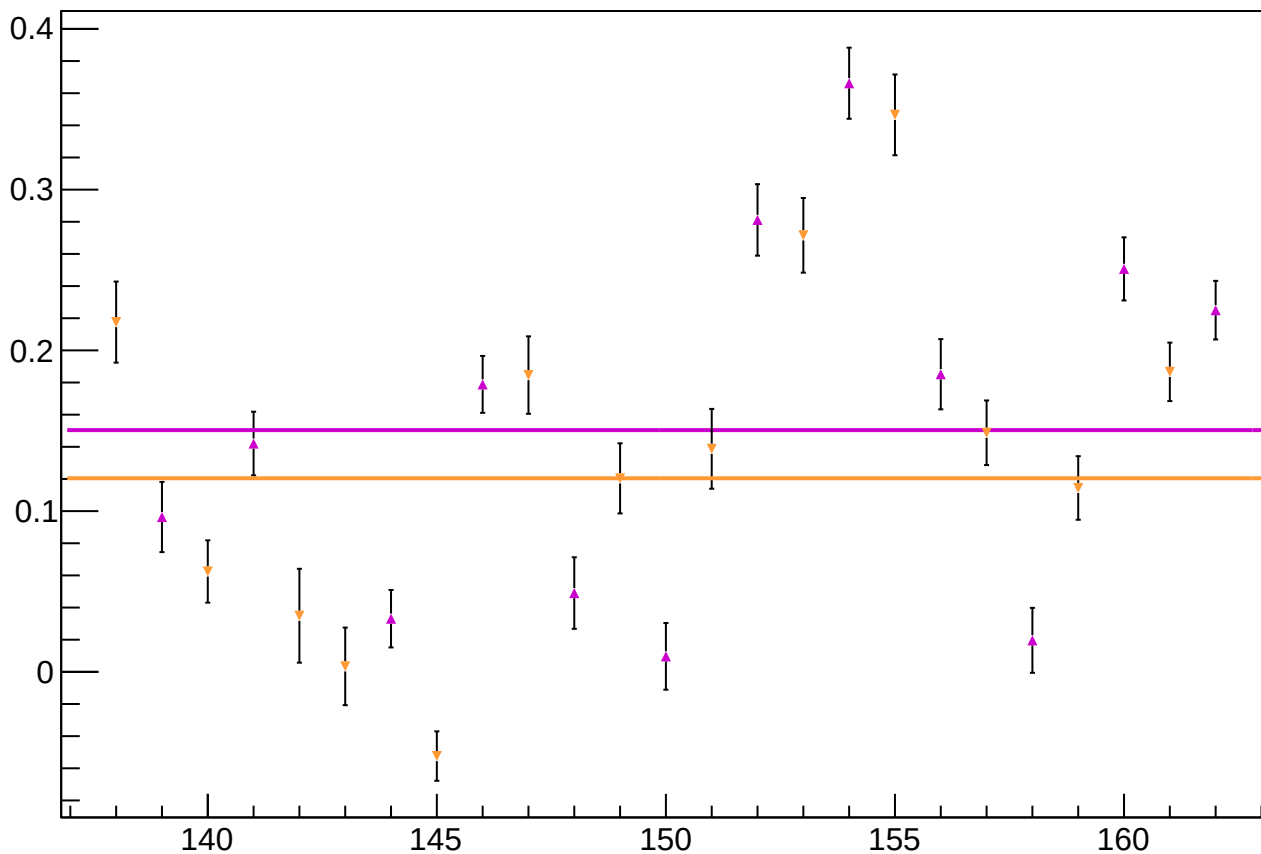
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -34.315 ± 0.121 $\chi^2/\text{NDF}: 1019.0/11$

Out: -35.409 ± 0.124 $\chi^2/\text{NDF}: 1174.7/12$

All: -34.849 ± 0.087 $\chi^2/\text{NDF}: 2233.5/24$

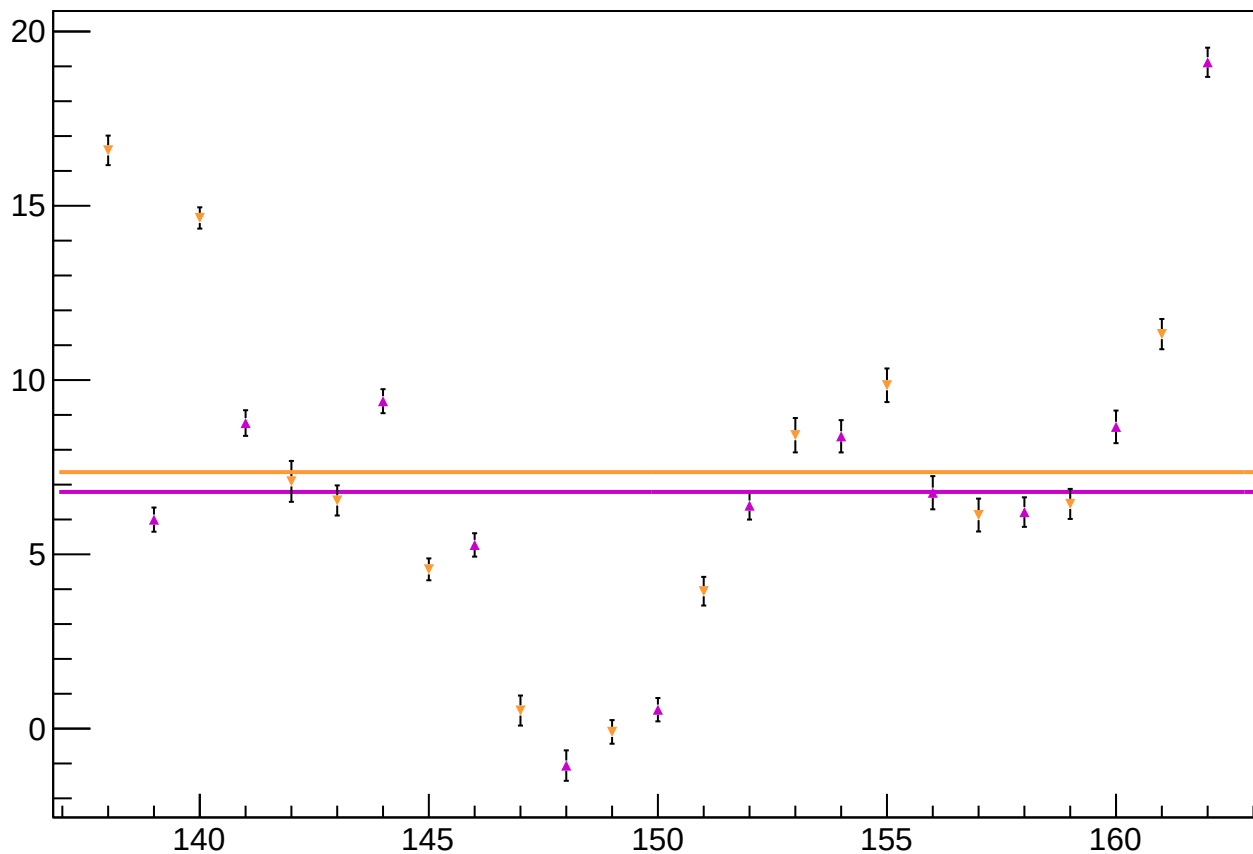
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.120+/-0.006 χ^2/NDF :328.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.150+/-0.006 χ^2/NDF :335.8/11

Left: 0.136+/-0.004 χ^2/NDF : 677.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.150+/-0.006 χ^2/NDF :335.8/11
 Out: 0.120+/-0.006 χ^2/NDF :328.5/12
 All: 0.136+/-0.004 χ^2/NDF : 677.2/24

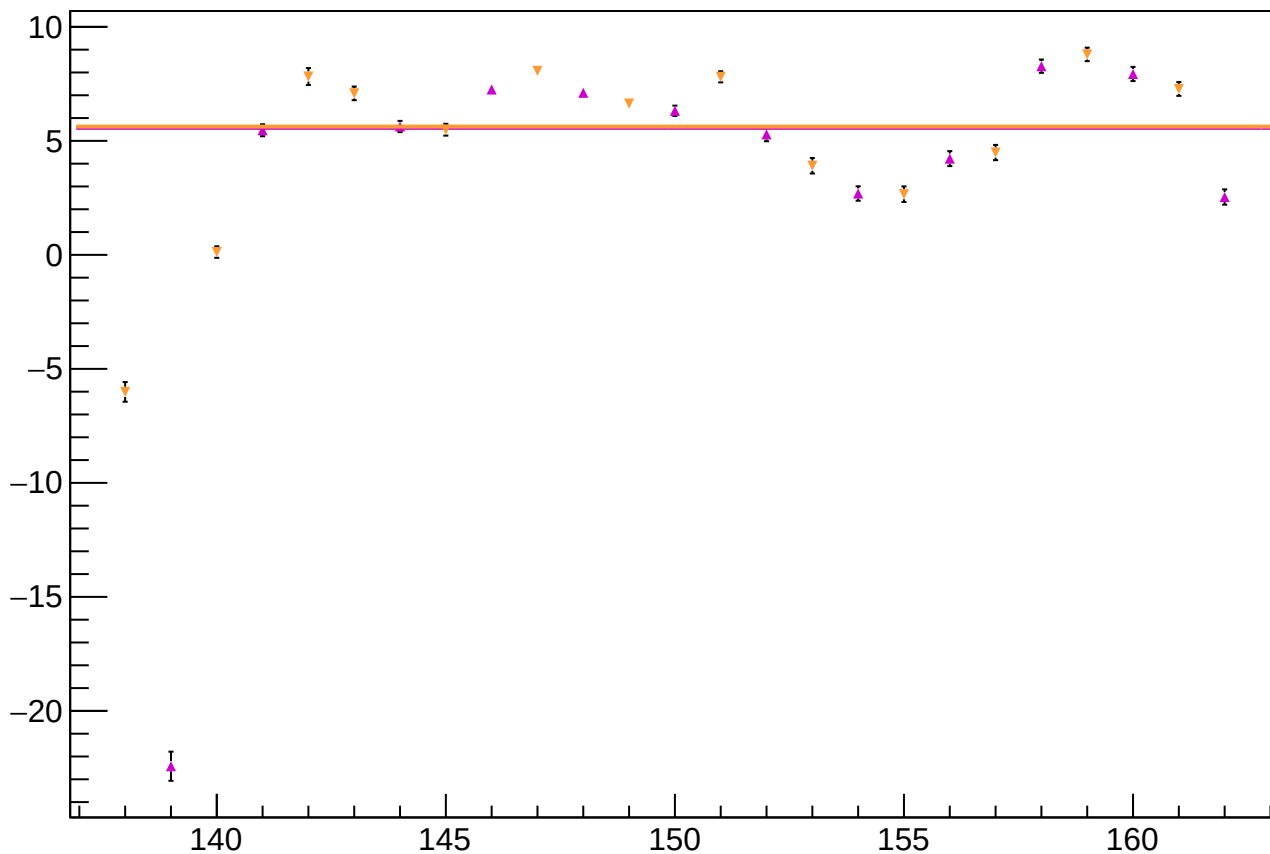
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.359+/-0.113 χ^2/NDF :2057.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.790+/-0.113 χ^2/NDF :1677.3/11

Left: 7.075+/-0.080 χ^2/NDF : 3747.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.790+/-0.113 χ^2/NDF :1677.3/11
 Out: 7.359+/-0.113 χ^2/NDF :2057.6/12
 All: 7.075+/-0.080 χ^2/NDF : 3747.6/24

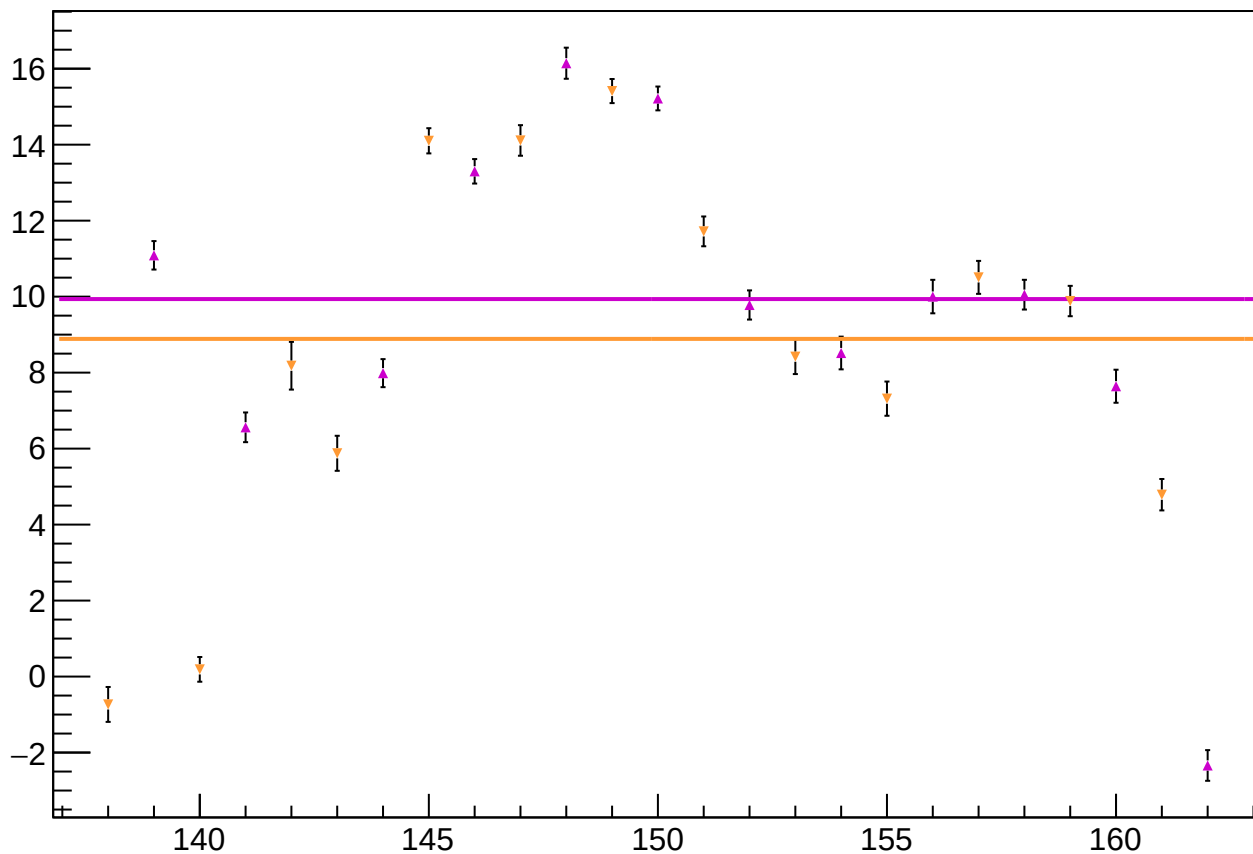
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.627+/-0.078 χ^2/NDF :1757.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.573+/-0.080 χ^2/NDF :2370.1/11

Left: 5.600+/-0.056 χ^2/NDF : 4127.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.573+/-0.080 χ^2/NDF :2370.1/11
 Out: 5.627+/-0.078 χ^2/NDF :1757.5/12
 All: 5.600+/-0.056 χ^2/NDF : 4127.8/24

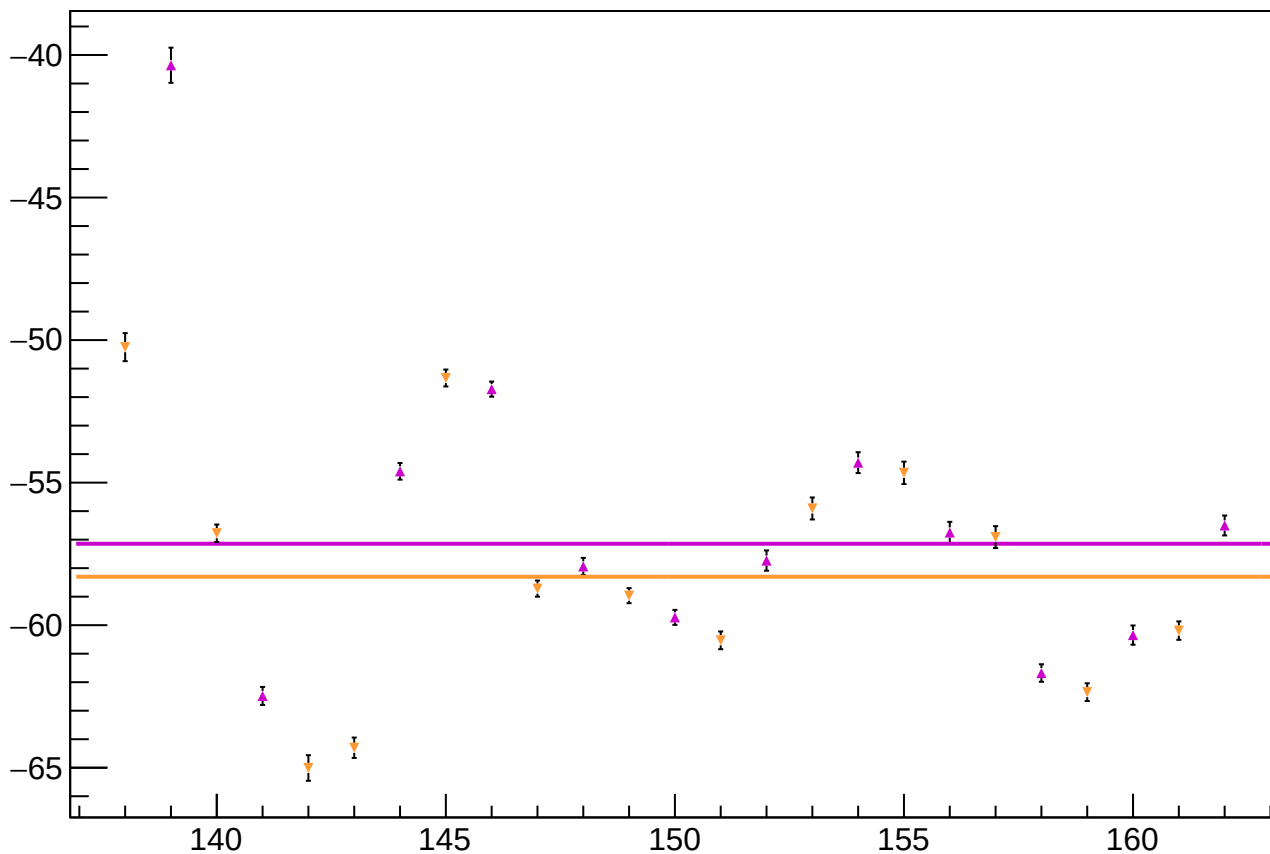
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.888+/-0.112 χ^2/NDF :2219.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.936+/-0.110 χ^2/NDF :1698.0/11

Left: 9.418+/-0.078 χ^2/NDF : 3962.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.936+/-0.110 χ^2/NDF :1698.0/11
 Out: 8.888+/-0.112 χ^2/NDF :2219.9/12
 All: 9.418+/-0.078 χ^2/NDF : 3962.4/24

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

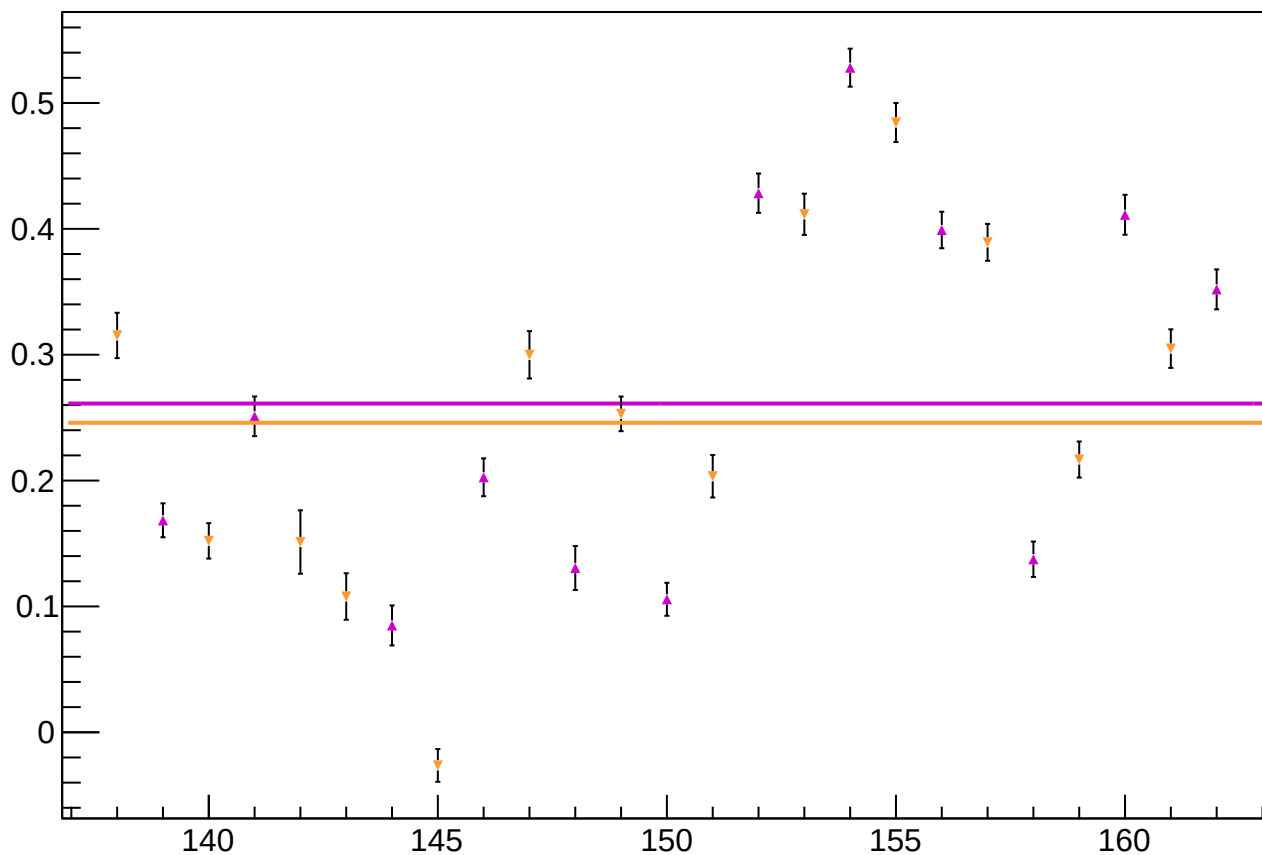


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.300+/-0.093 χ^2/NDF :1748.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.143+/-0.094 χ^2/NDF :2000.9/11

Left: -57.726+/-0.066 χ^2/NDF : 3826.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -57.143+/-0.094 χ^2/NDF :2000.9/11
 Out: -58.300+/-0.093 χ^2/NDF :1748.6/12

All: -57.726+/-0.066 χ^2/NDF : 3826.6/24

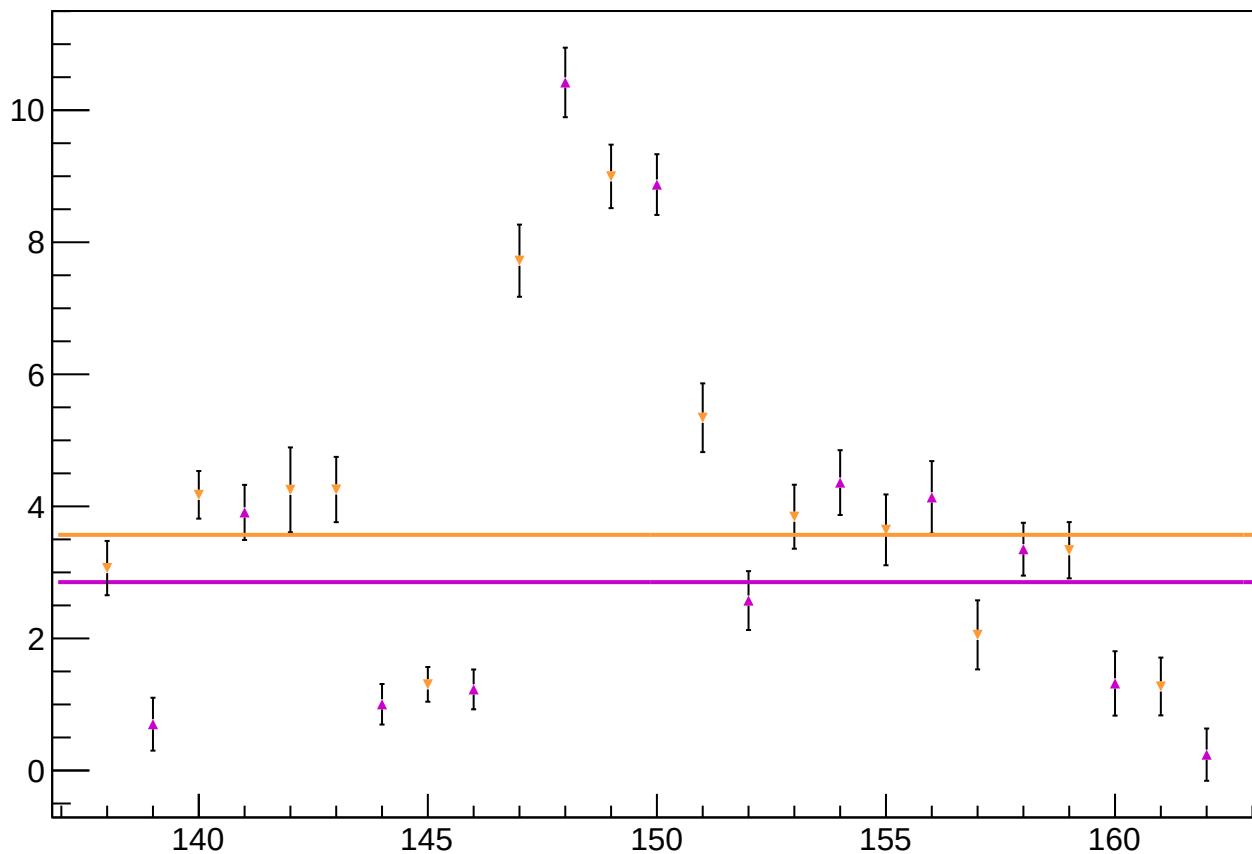
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.246 $\pm$ 0.004 χ^2 /NDF:1035.0/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.261 $\pm$ 0.004 χ^2 /NDF:1100.0/11

Left: 0.254 $\pm$ 0.003 χ^2 /NDF: 2141.2/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.261 $\pm$ 0.004 χ^2 /NDF:1100.0/11
 Out: 0.246 $\pm$ 0.004 χ^2 /NDF:1035.0/12
 All: 0.254 $\pm$ 0.003 χ^2 /NDF: 2141.2/24

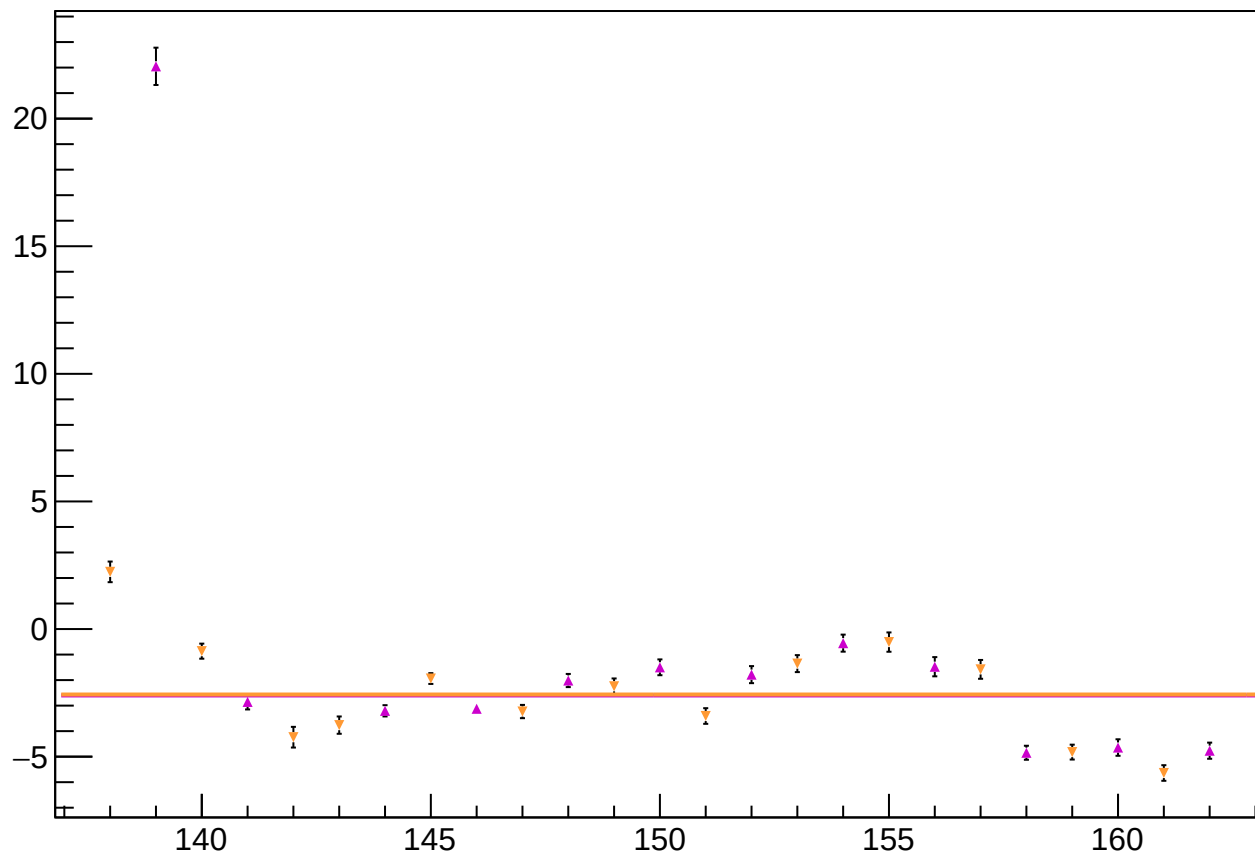
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.569+/-0.121 χ^2/NDF :315.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.853+/-0.118 χ^2/NDF :548.8/11

Left: 3.203+/-0.085 χ^2/NDF : 881.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.853+/-0.118 χ^2/NDF :548.8/11
 Out: 3.569+/-0.121 χ^2/NDF :315.0/12
 All: 3.203+/-0.085 χ^2/NDF : 881.6/24

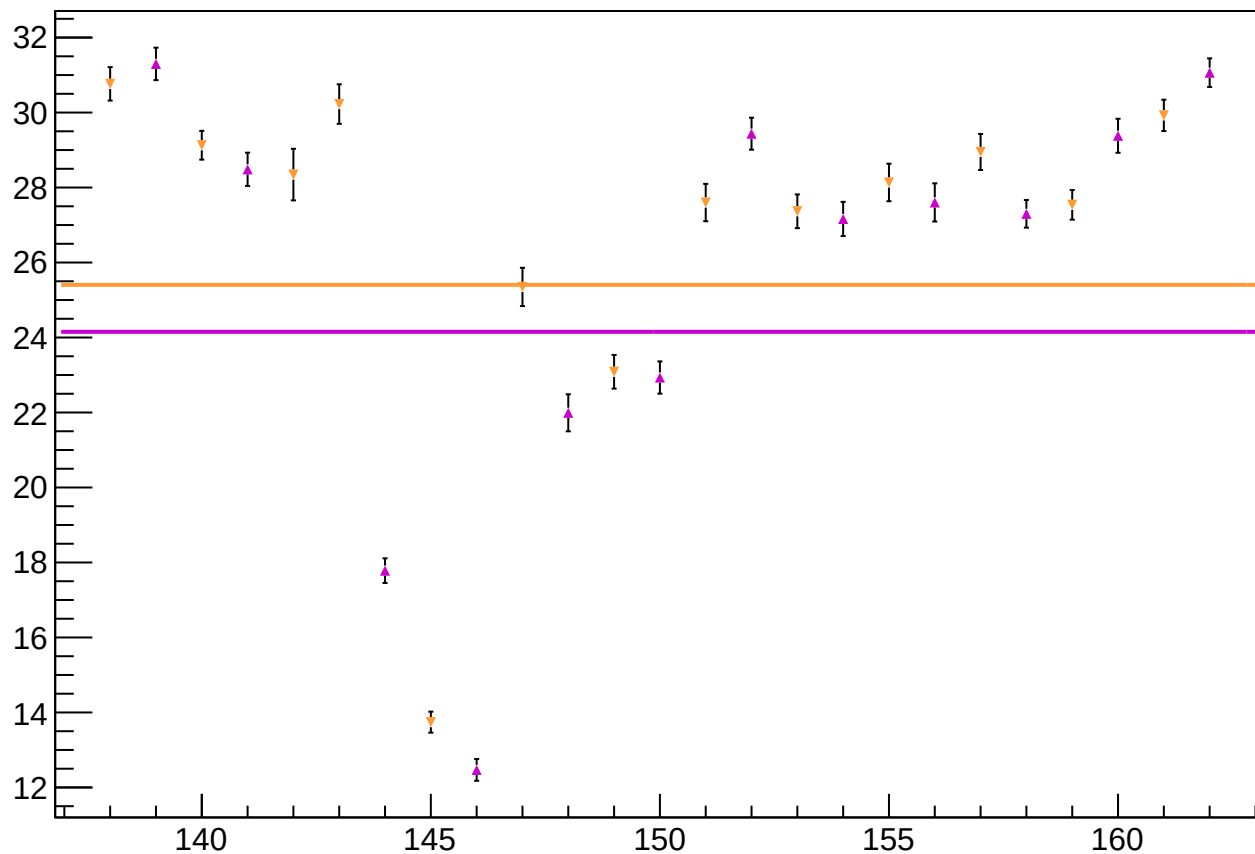
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.565+/-0.086 χ^2/NDF :438.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.602+/-0.083 χ^2/NDF :1376.4/11

Left: -2.584+/-0.060 χ^2/NDF : 1815.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.602+/-0.083 χ^2/NDF :1376.4/11
 Out: -2.565+/-0.086 χ^2/NDF :438.9/12
 All: -2.584+/-0.060 χ^2/NDF : 1815.4/24

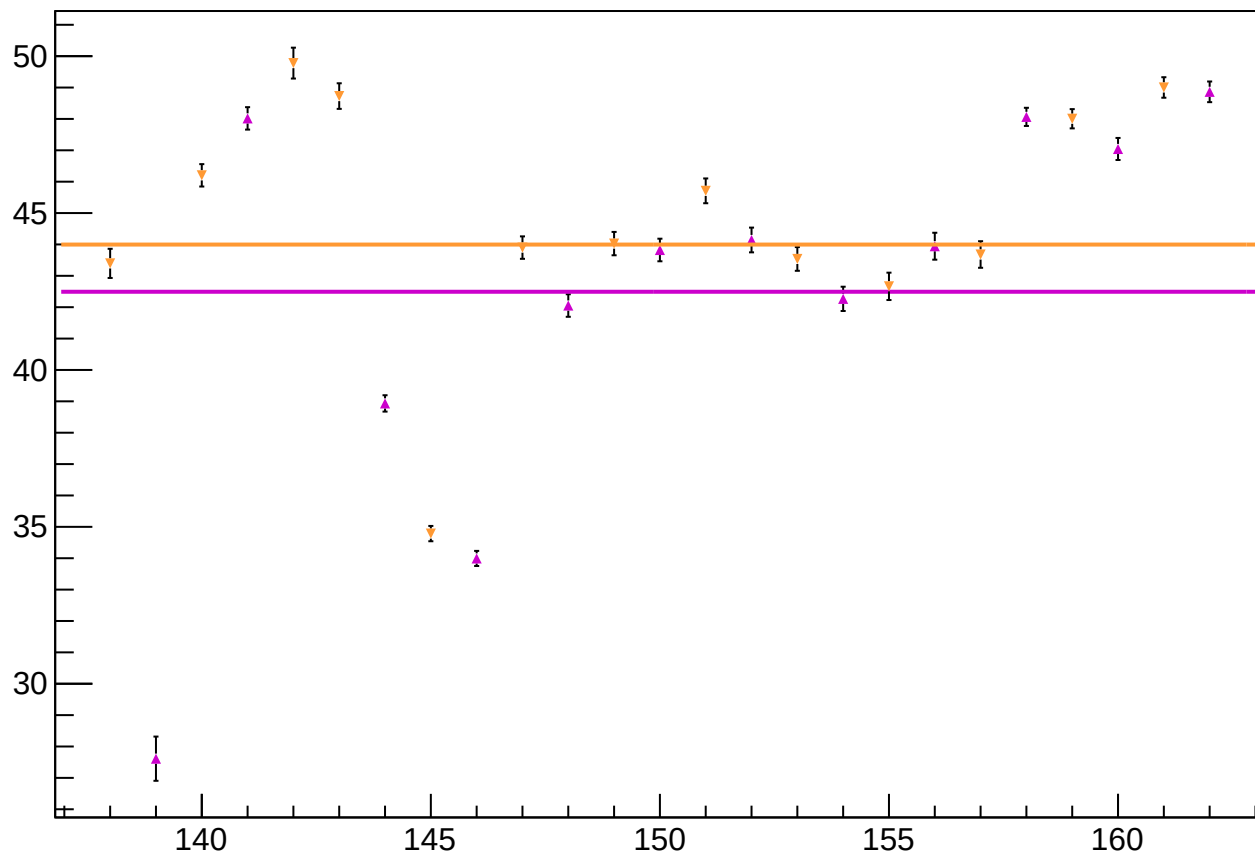
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.404+/-0.121 χ^2/NDF :2366.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.152+/-0.116 χ^2/NDF :3169.6/11

Left: 24.753+/-0.084 χ^2/NDF : 5591.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.152+/-0.116 χ^2/NDF :3169.6/11
 Out: 25.404+/-0.121 χ^2/NDF :2366.3/12
 All: 24.753+/-0.084 χ^2/NDF : 5591.8/24

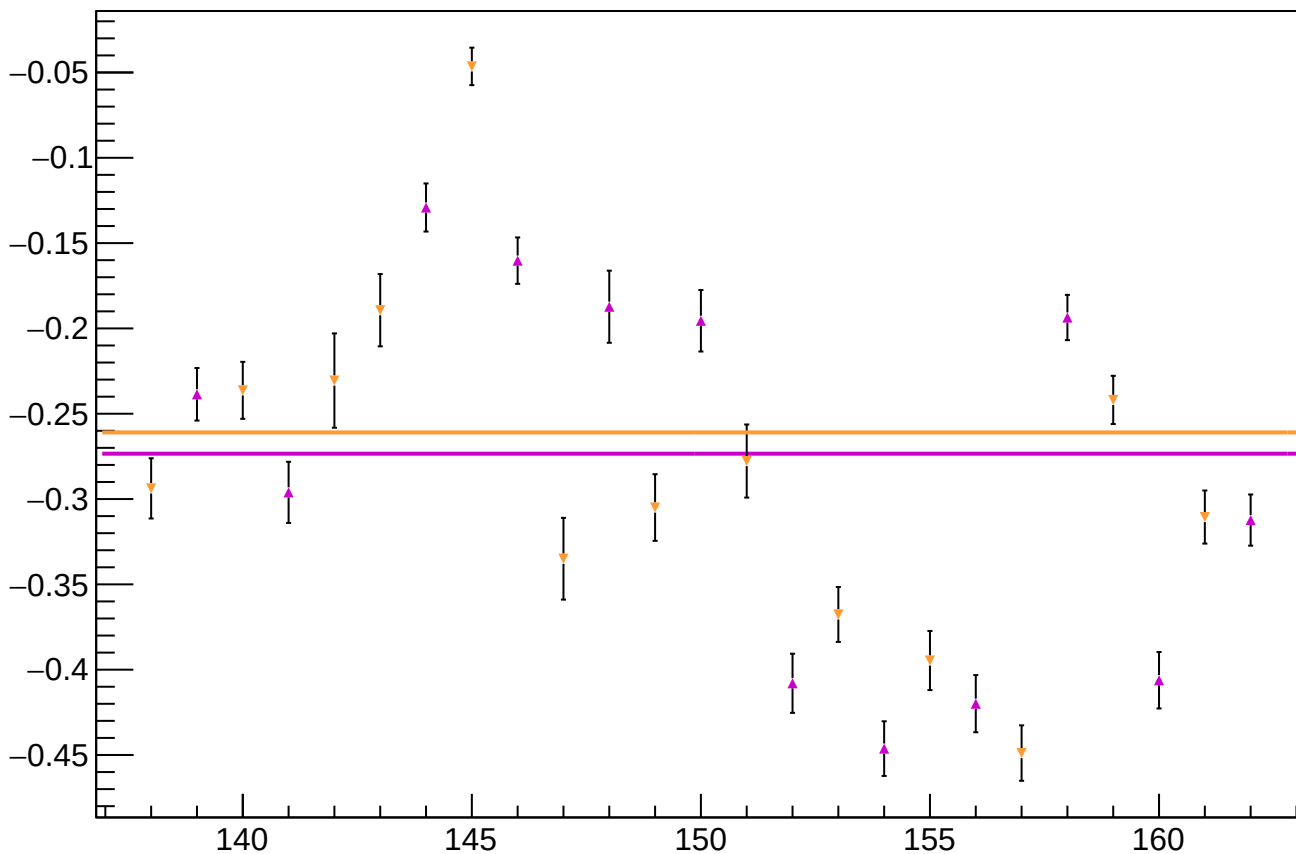
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.996+/-0.101 χ^2/NDF :2173.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 42.492+/-0.098 χ^2/NDF :3076.5/11

Left: 43.220+/-0.070 χ^2/NDF : 5365.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.492+/-0.098 χ^2/NDF :3076.5/11
 Out: 43.996+/-0.101 χ^2/NDF :2173.8/12
 All: 43.220+/-0.070 χ^2/NDF : 5365.4/24

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

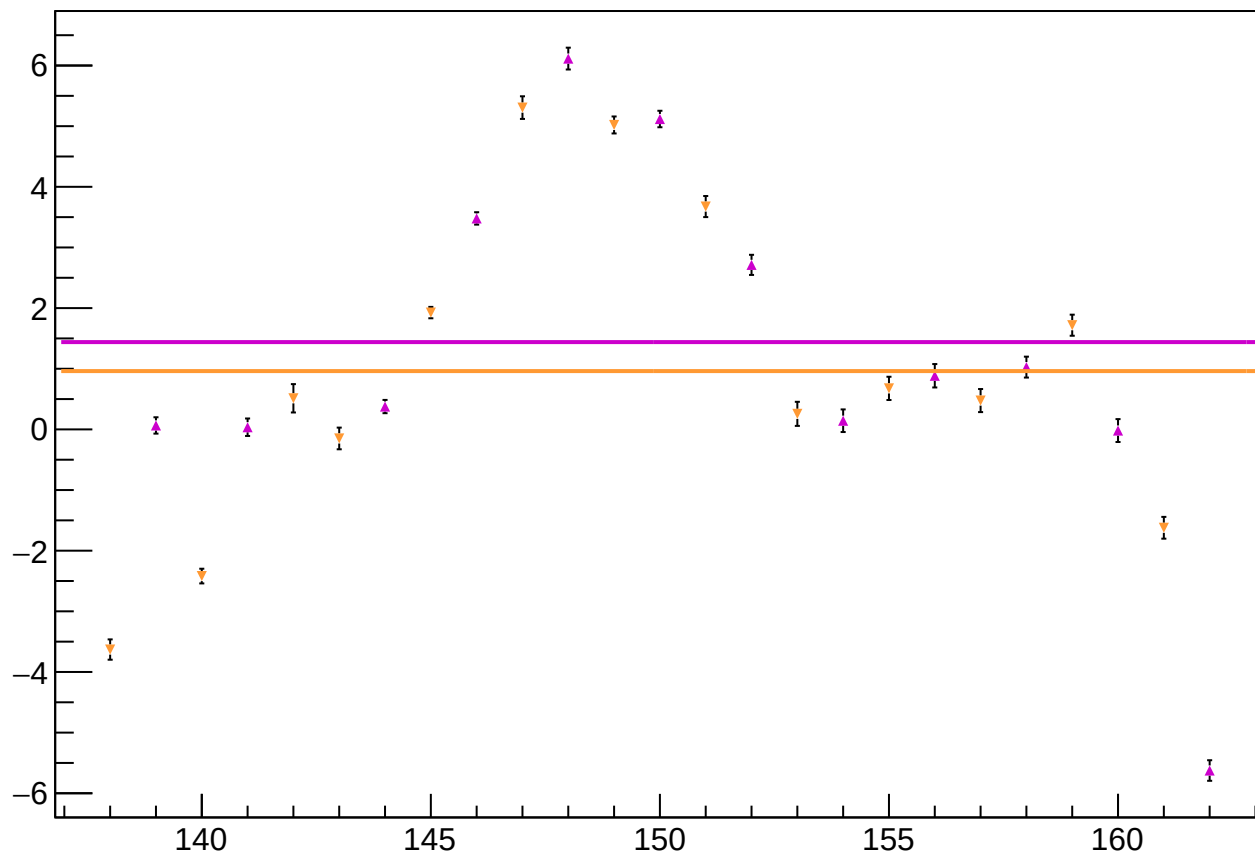


Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261 $\pm$ 0.005 χ^2/NDF : 664.2/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -0.273 $\pm$ 0.005 χ^2/NDF : 576.4/11

Left: -0.267 $\pm$ 0.003 χ^2/NDF : 1244.2/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -0.273 $\pm$ 0.005 χ^2/NDF : 576.4/11
 Out: -0.261 $\pm$ 0.005 χ^2/NDF : 664.2/12

All: -0.267 $\pm$ 0.003 χ^2/NDF : 1244.2/24

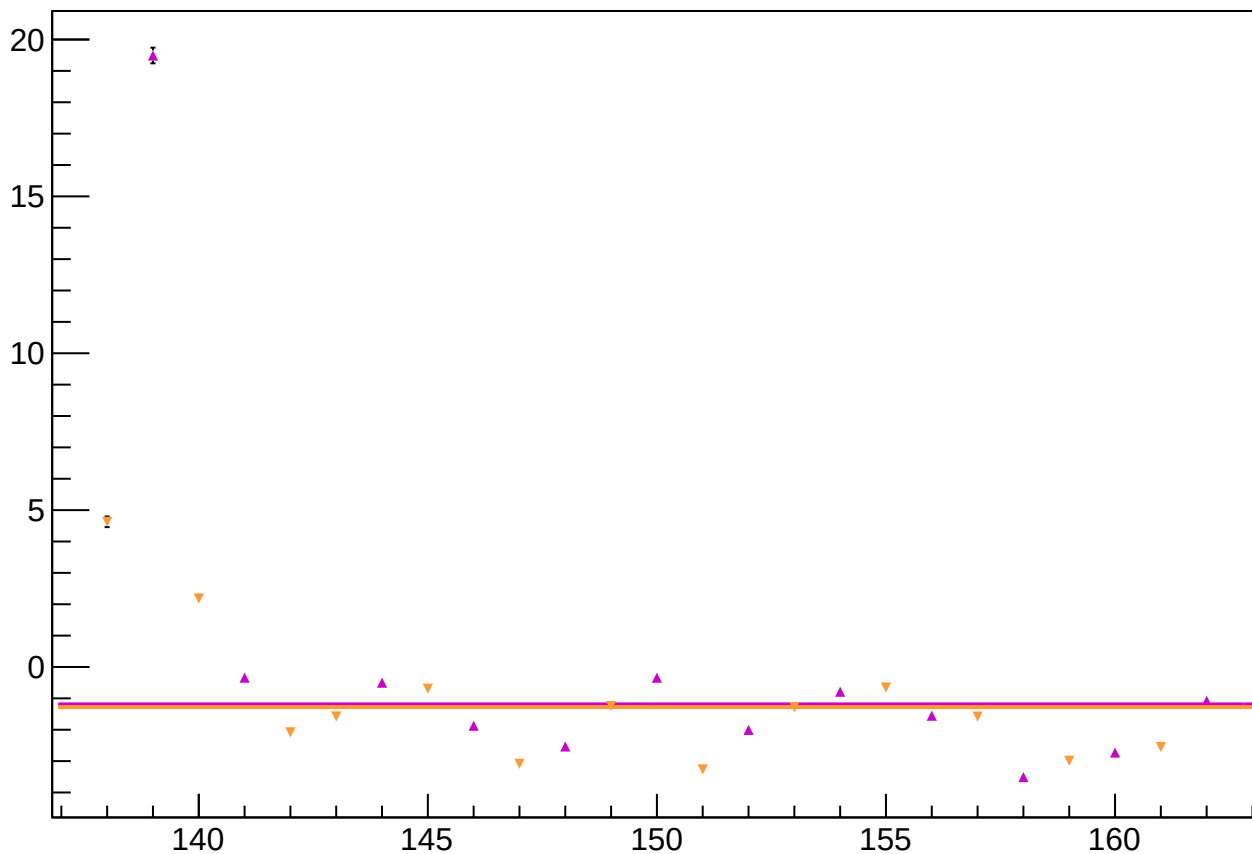
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.961+/-0.044 χ^2/NDF :3551.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.439+/-0.042 χ^2/NDF :4013.9/11

Left: 1.208+/-0.030 χ^2/NDF : 7626.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.439+/-0.042 χ^2/NDF :4013.9/11
 Out: 0.961+/-0.044 χ^2/NDF :3551.4/12
 All: 1.208+/-0.030 χ^2/NDF : 7626.9/24

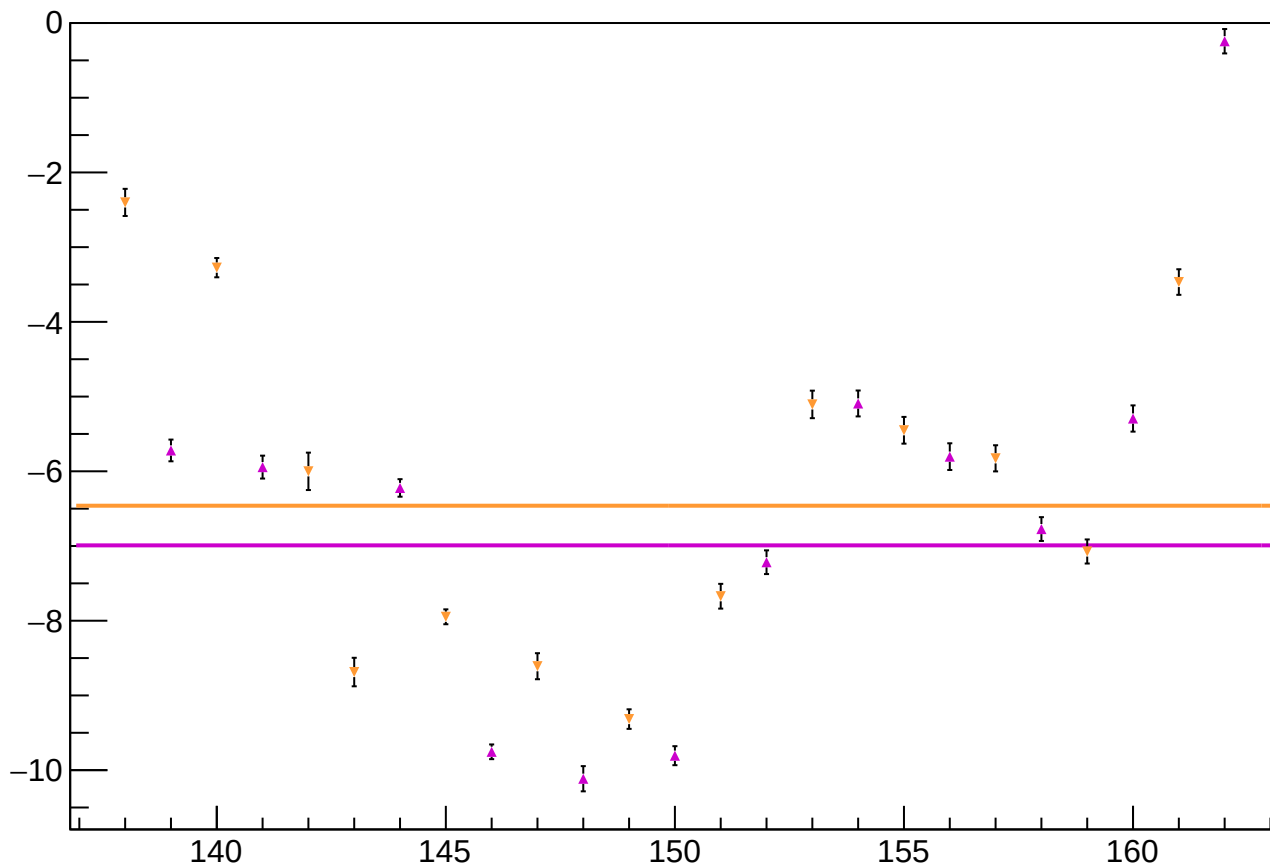
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.278+/-0.031 χ^2/NDF : 3624.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.193+/-0.030 χ^2/NDF : 8044.9/11

Left: -1.234+/-0.021 χ^2/NDF : 11673.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.193+/-0.030 χ^2/NDF : 8044.9/11
 Out: -1.278+/-0.031 χ^2/NDF : 3624.9/12
 All: -1.234+/-0.021 χ^2/NDF : 11673.7/24

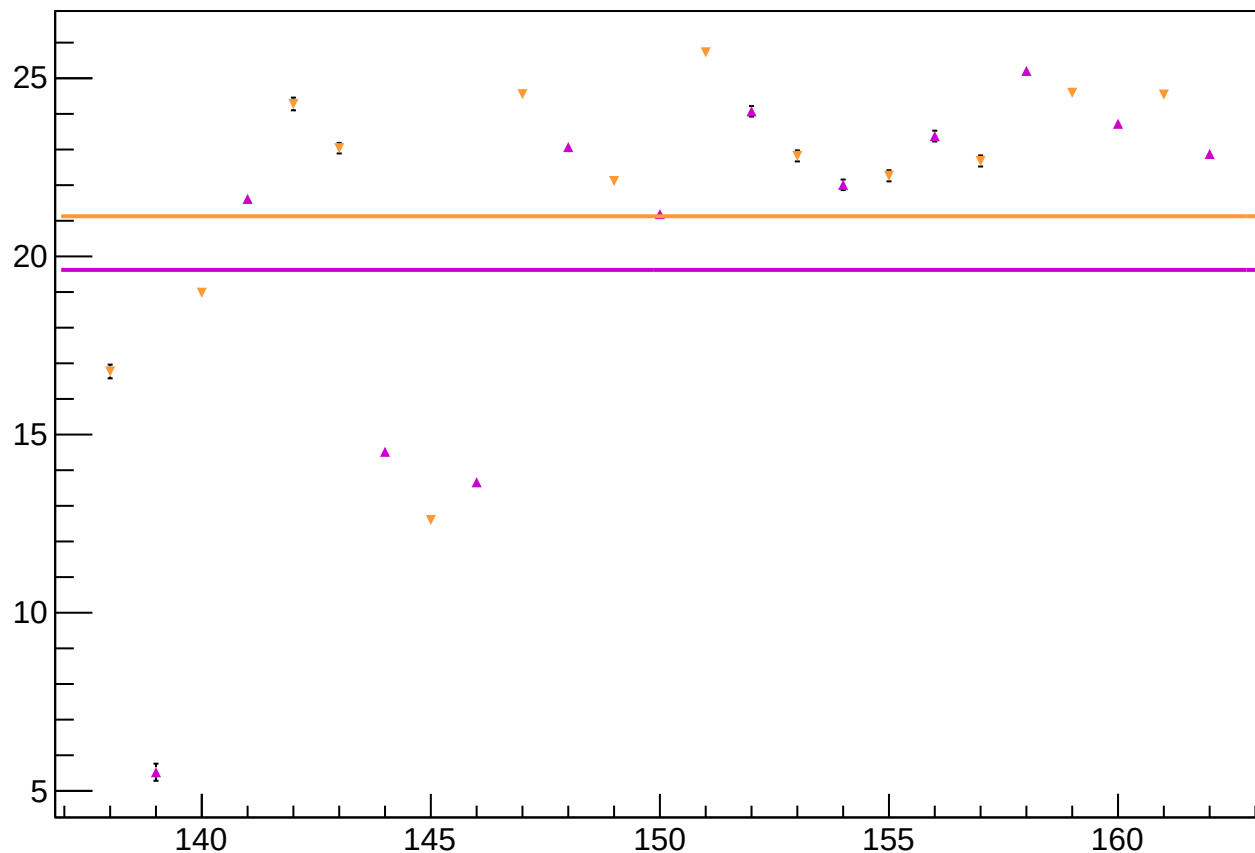
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.461+/-0.044 χ^2/NDF : 2572.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.991+/-0.042 χ^2/NDF : 3755.5/11

Left: -6.738+/-0.030 χ^2/NDF : 6405.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.991+/-0.042 χ^2/NDF : 3755.5/11
 Out: -6.461+/-0.044 χ^2/NDF : 2572.3/12
 All: -6.738+/-0.030 χ^2/NDF : 6405.4/24

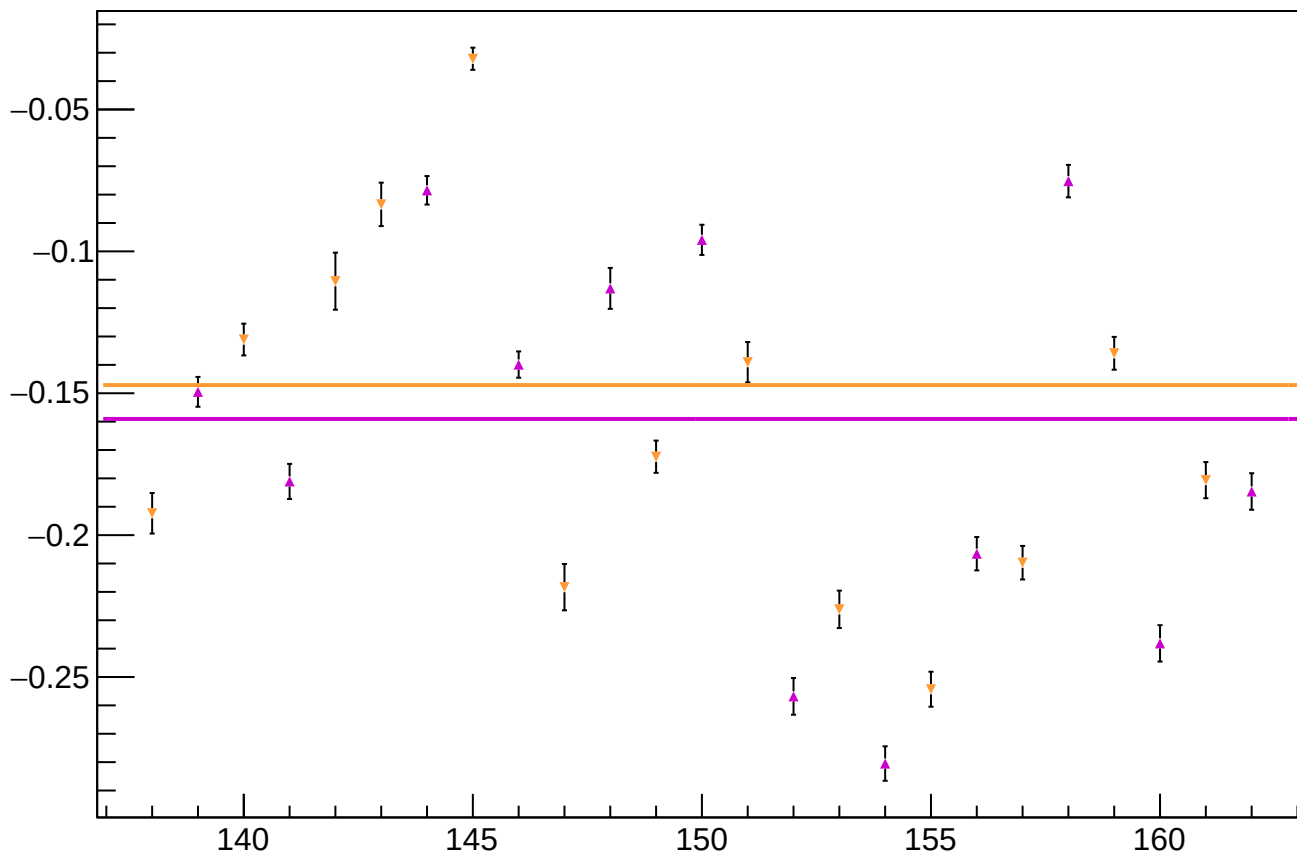
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.127+/-0.036 χ^2/NDF :14404.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.622+/-0.035 χ^2/NDF :18181.3/11

Left: 20.350+/-0.025 χ^2/NDF : 33467.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.622+/-0.035 χ^2/NDF :18181.3/11
 Out: 21.127+/-0.036 χ^2/NDF :14404.7/12
 All: 20.350+/-0.025 χ^2/NDF : 33467.2/24

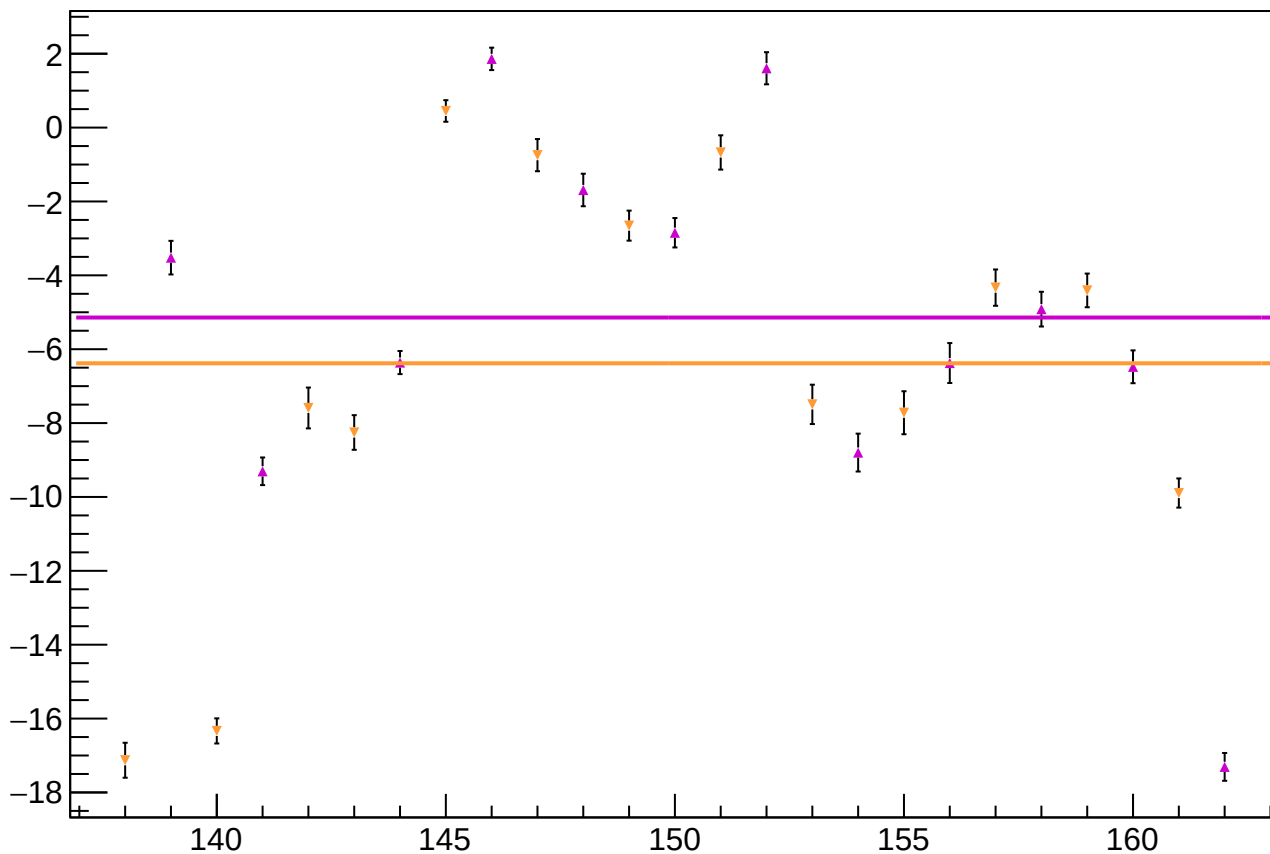
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.147+/-0.002 χ^2/NDF :1682.9/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.159+/-0.002 χ^2/NDF :1547.5/11

Left: -0.153+/-0.001 χ^2/NDF : 3255.5/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.159+/-0.002 χ^2/NDF :1547.5/11
 Out: -0.147+/-0.002 χ^2/NDF :1682.9/12
 All: -0.153+/-0.001 χ^2/NDF : 3255.5/24

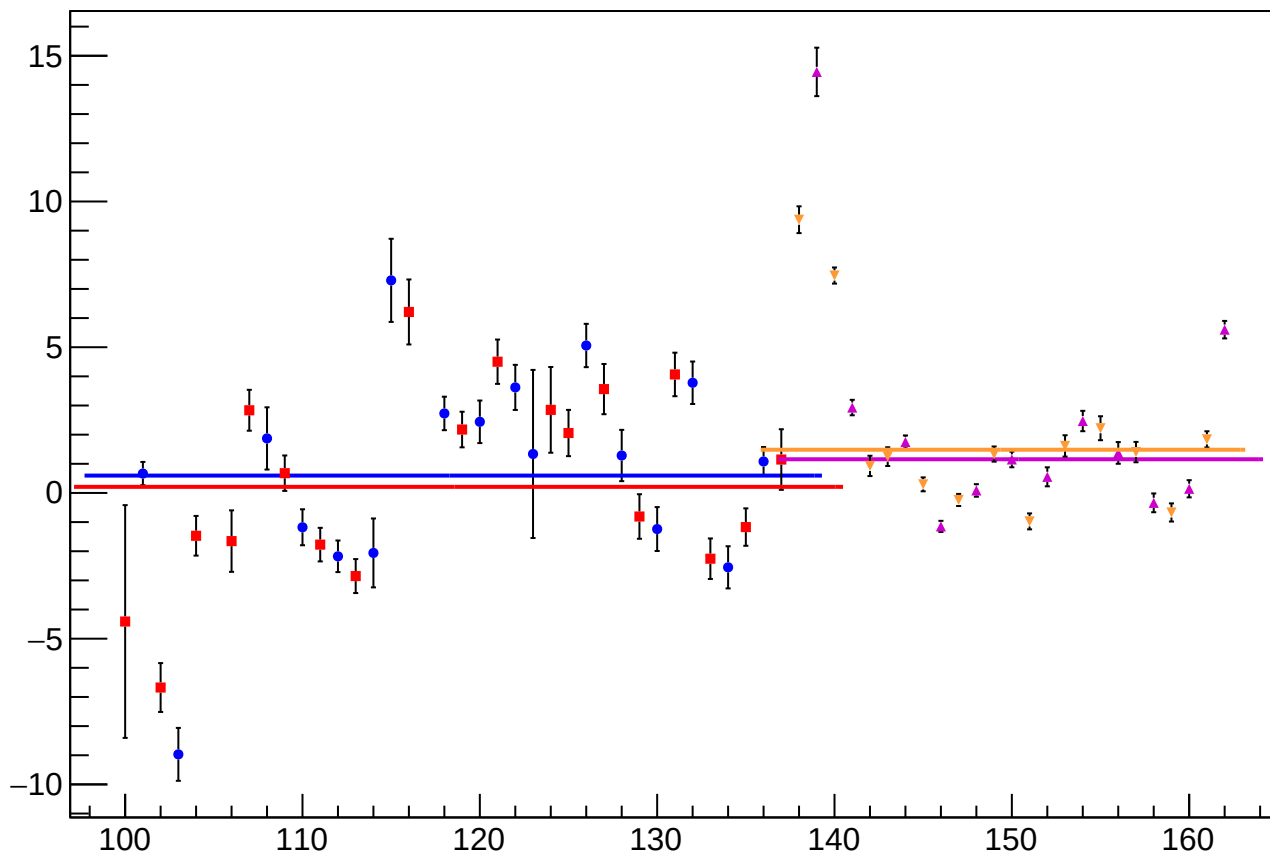
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -6.381 +/- 0.119 χ^2/NDF : 2467.6/12
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -5.142 +/- 0.117 χ^2/NDF : 2129.0/11

Left: -5.748 +/- 0.083 χ^2/NDF : 4651.9/24
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -5.142 +/- 0.117 χ^2/NDF : 2129.0/11
 Out: -6.381 +/- 0.119 χ^2/NDF : 2467.6/12
 All: -5.748 +/- 0.083 χ^2/NDF : 4651.9/24

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.483 ± 0.082 χ^2/NDF : 994.0/12

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

Left In: 1.156 ± 0.080 χ^2/NDF : 748.2/11

Left: 1.316 ± 0.057 χ^2/NDF : 1750.3/24

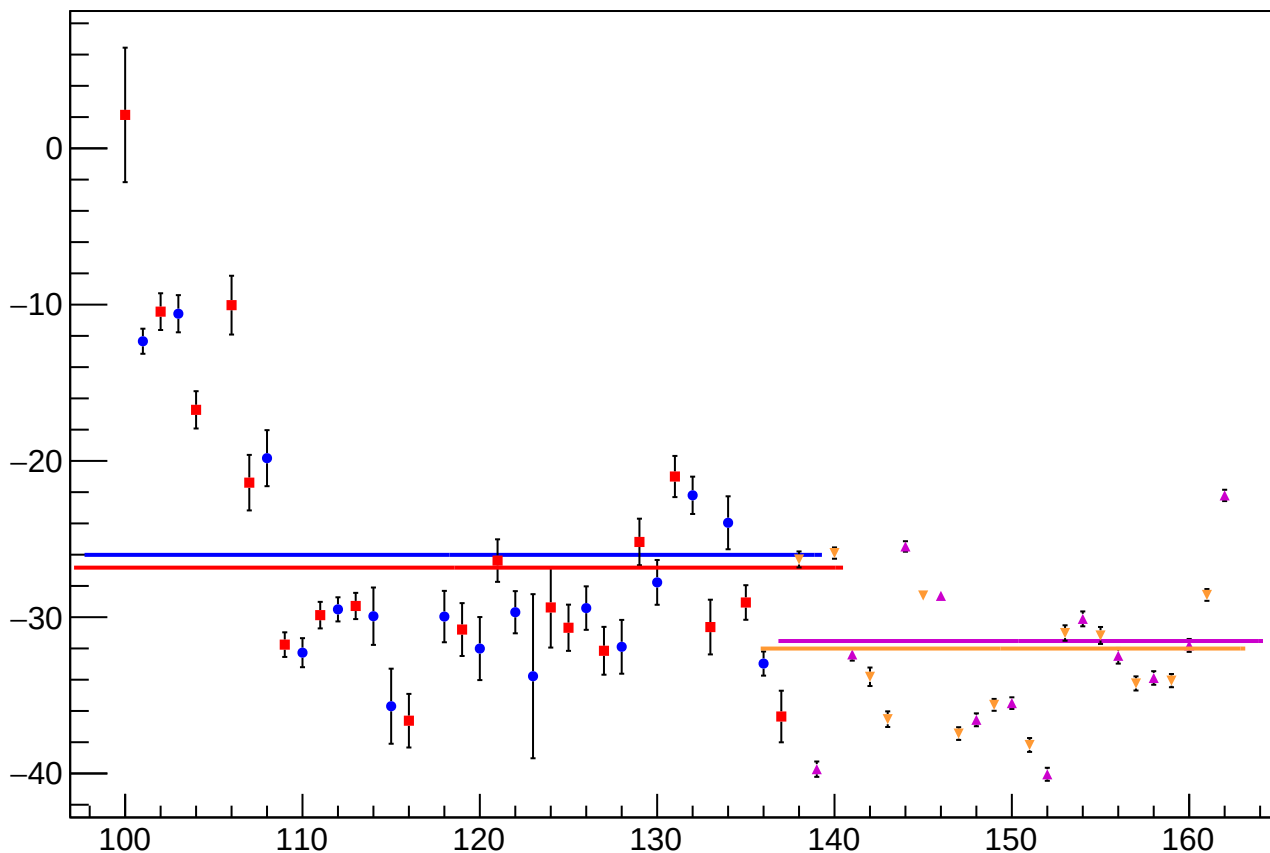
Right: 0.409 ± 0.121 χ^2/NDF : 567.2/35

In: 1.053 ± 0.072 χ^2/NDF : 1048.3/28

Out: 1.254 ± 0.074 χ^2/NDF : 1311.1/31

All: 1.151 ± 0.052 χ^2/NDF : 2363.2/60

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.006 ± 0.118 χ^2/NDF : 1218.3/12

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

Left In: -31.524 ± 0.114 χ^2/NDF : 2092.2/11

Left: -31.757 ± 0.082 χ^2/NDF : 3319.1/24

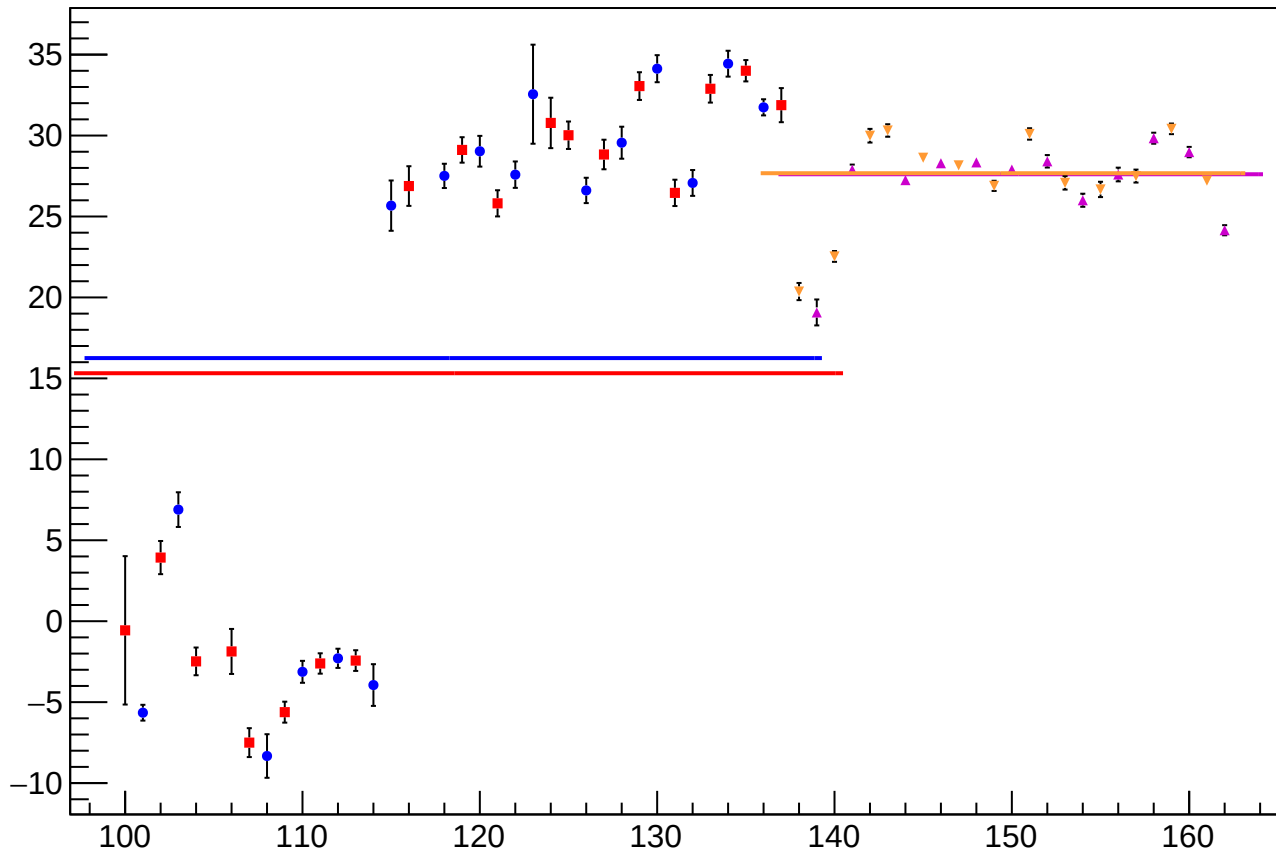
Right: -26.423 ± 0.211 χ^2/NDF : 1278.3/35

In: -30.828 ± 0.106 χ^2/NDF : 3081.0/28

Out: -31.302 ± 0.110 χ^2/NDF : 2061.5/31

All: -31.058 ± 0.076 χ^2/NDF : 5152.1/60

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.673 $\pm$ 0.097 χ^2 /NDF:650.9/12

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

Left In: 27.609 $\pm$ 0.095 χ^2 /NDF:334.5/11

Left: 27.640 $\pm$ 0.068 χ^2 /NDF: 985.5/24

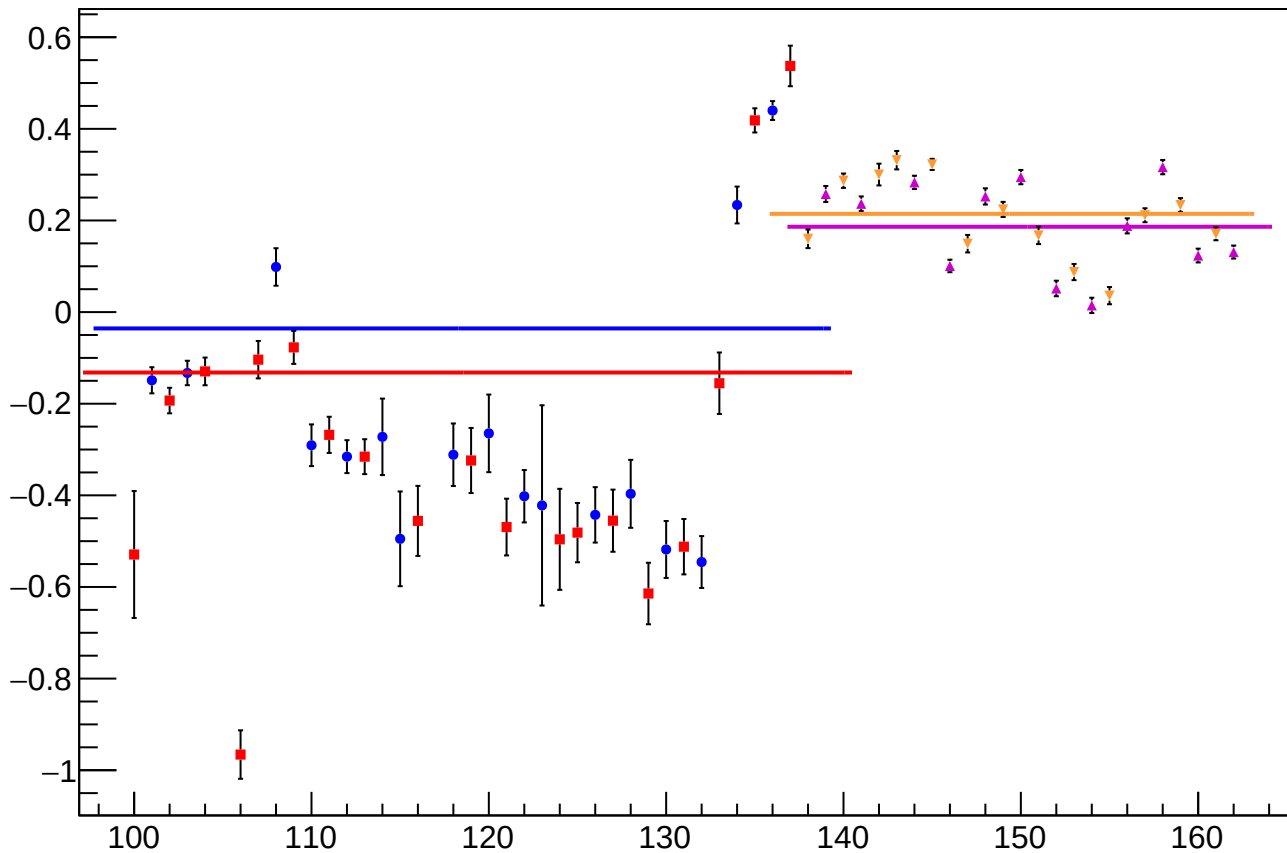
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14903.0/35

In: 25.370 $\pm$ 0.085 χ^2 /NDF:10783.0/28

Out: 25.251 $\pm$ 0.087 χ^2 /NDF:11093.5/31

All: 25.312 $\pm$ 0.061 χ^2 /NDF: 21877.4/60

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036 ± 0.010 χ^2/NDF : 1014.5/16

Left Out: 0.214 ± 0.005 χ^2/NDF : 325.6/12

Right Out: -0.132 ± 0.010 χ^2/NDF : 1171.3/18

Left In: 0.186 ± 0.005 χ^2/NDF : 443.3/11

Left: 0.200 ± 0.003 χ^2/NDF : 787.7/24

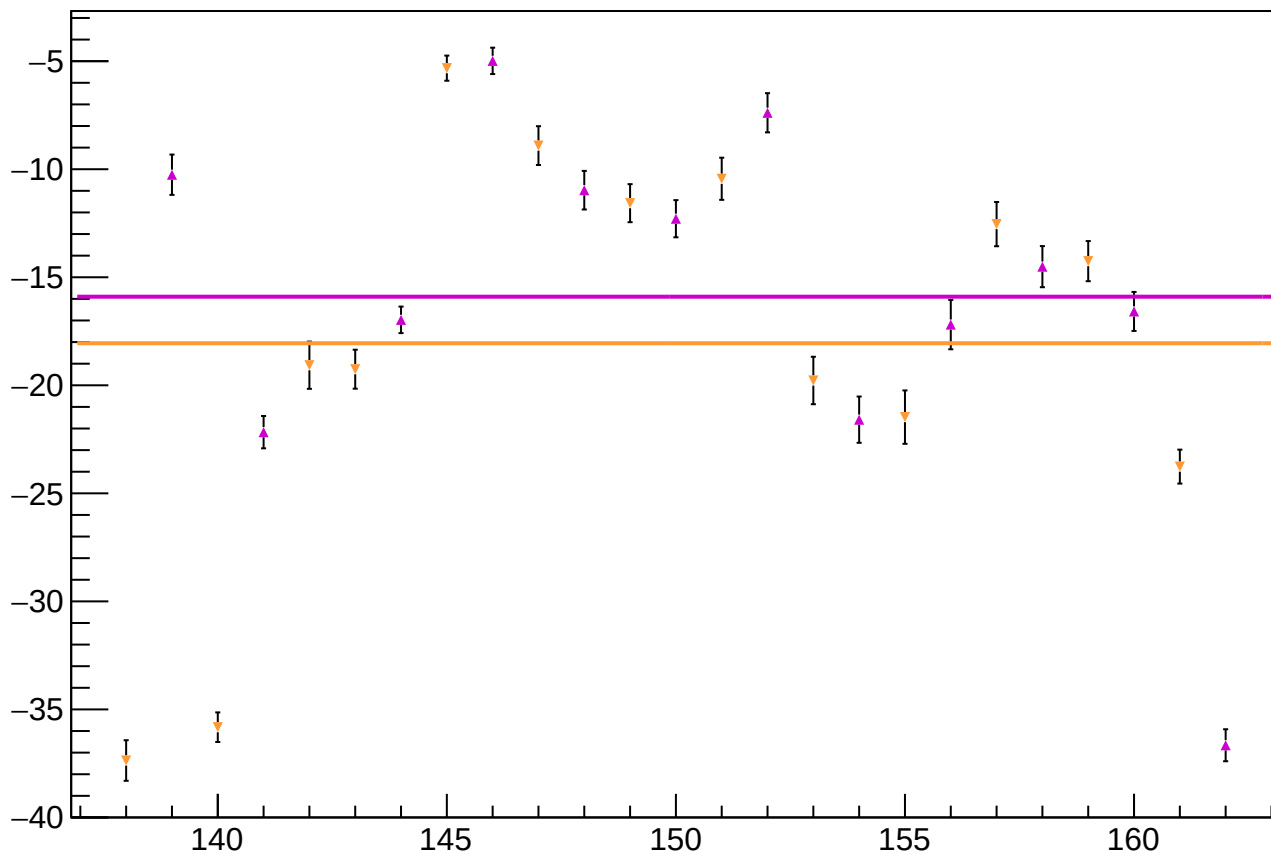
Right: -0.084 ± 0.007 χ^2/NDF : 2229.1/35

In: 0.150 ± 0.004 χ^2/NDF : 1846.1/28

Out: 0.156 ± 0.004 χ^2/NDF : 2427.6/31

All: 0.153 ± 0.003 χ^2/NDF : 4274.7/60

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected

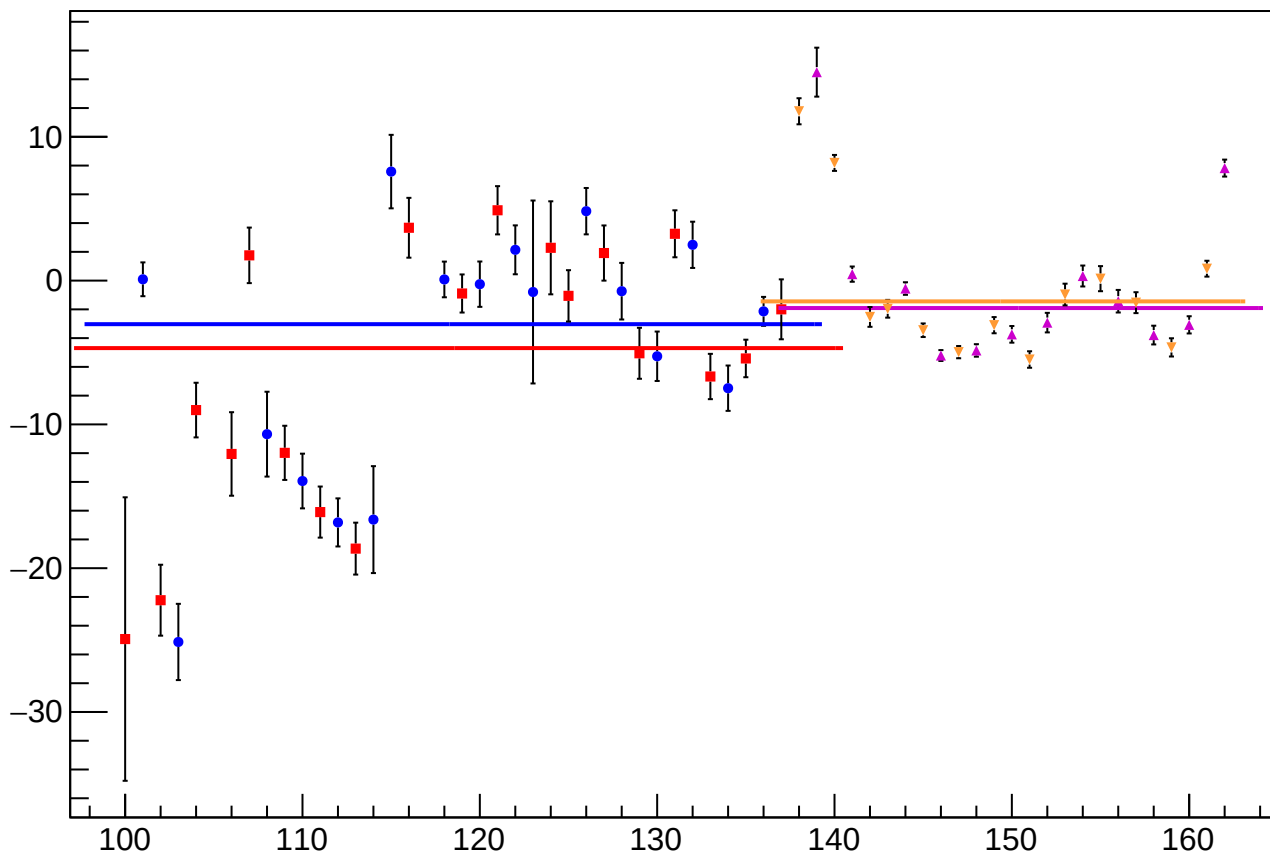


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.053+/-0.242 χ^2/NDF :1905.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.899+/-0.236 χ^2/NDF :1383.6/11

Left: -16.951+/-0.169 χ^2/NDF : 3329.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.899+/-0.236 χ^2/NDF :1383.6/11
 Out: -18.053+/-0.242 χ^2/NDF :1905.6/12

All: -16.951+/-0.169 χ^2/NDF : 3329.7/24

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 $\chi^2/\text{NDF}: 280.8/16$

Left Out: -1.445 ± 0.166 $\chi^2/\text{NDF}: 707.8/12$

Right Out: -4.694 ± 0.427 $\chi^2/\text{NDF}: 298.3/18$

Left In: -1.909 ± 0.162 $\chi^2/\text{NDF}: 550.7/11$

Left: -1.683 ± 0.116 $\chi^2/\text{NDF}: 1262.5/24$

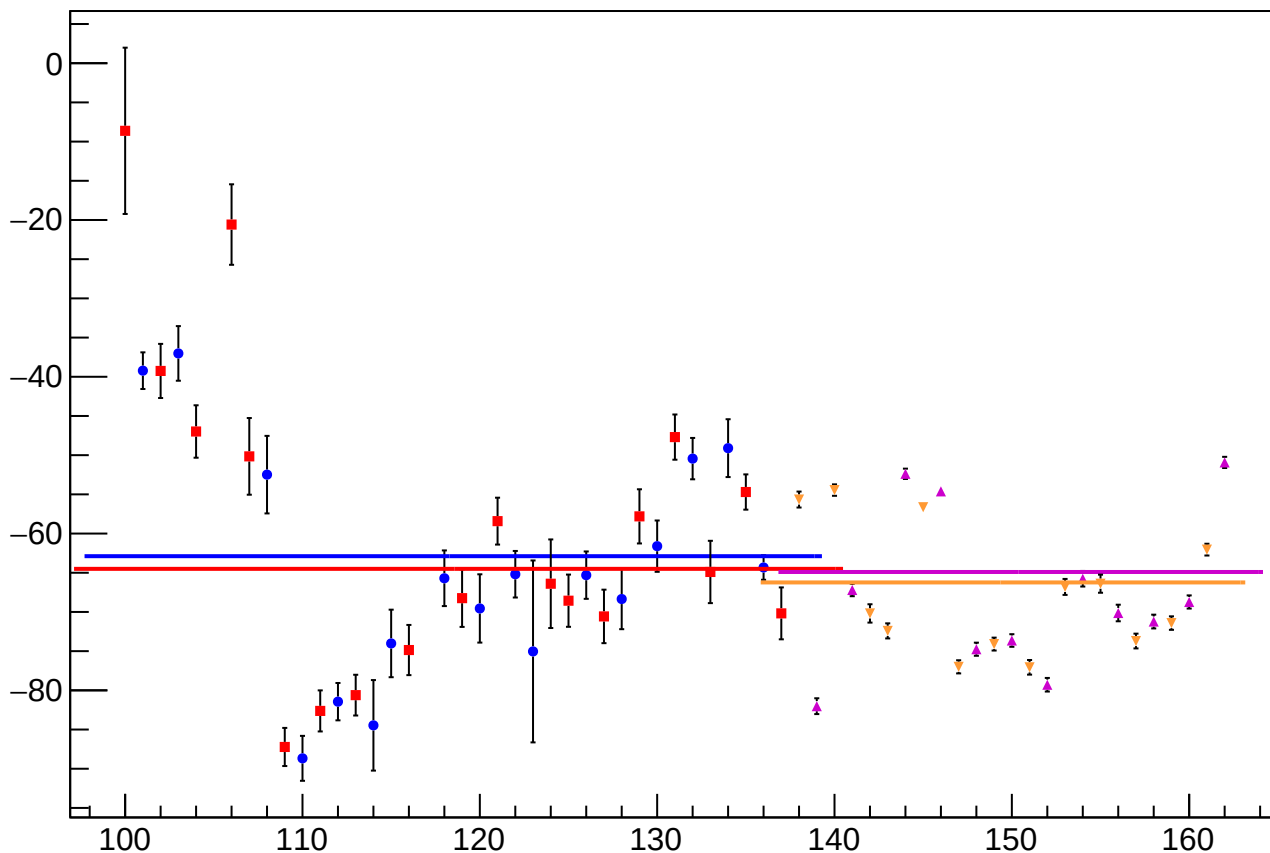
Right: -3.824 ± 0.295 $\chi^2/\text{NDF}: 587.0/35$

In: -2.062 ± 0.151 $\chi^2/\text{NDF}: 838.0/28$

Out: -1.874 ± 0.155 $\chi^2/\text{NDF}: 1056.4/31$

All: -1.971 ± 0.108 $\chi^2/\text{NDF}: 1895.2/60$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -66.236 ± 0.240 $\chi^2/\text{NDF}: 1184.6/12$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

Left In: -64.901 ± 0.231 $\chi^2/\text{NDF}: 1979.4/11$

Left: -65.543 ± 0.167 $\chi^2/\text{NDF}: 3180.0/24$

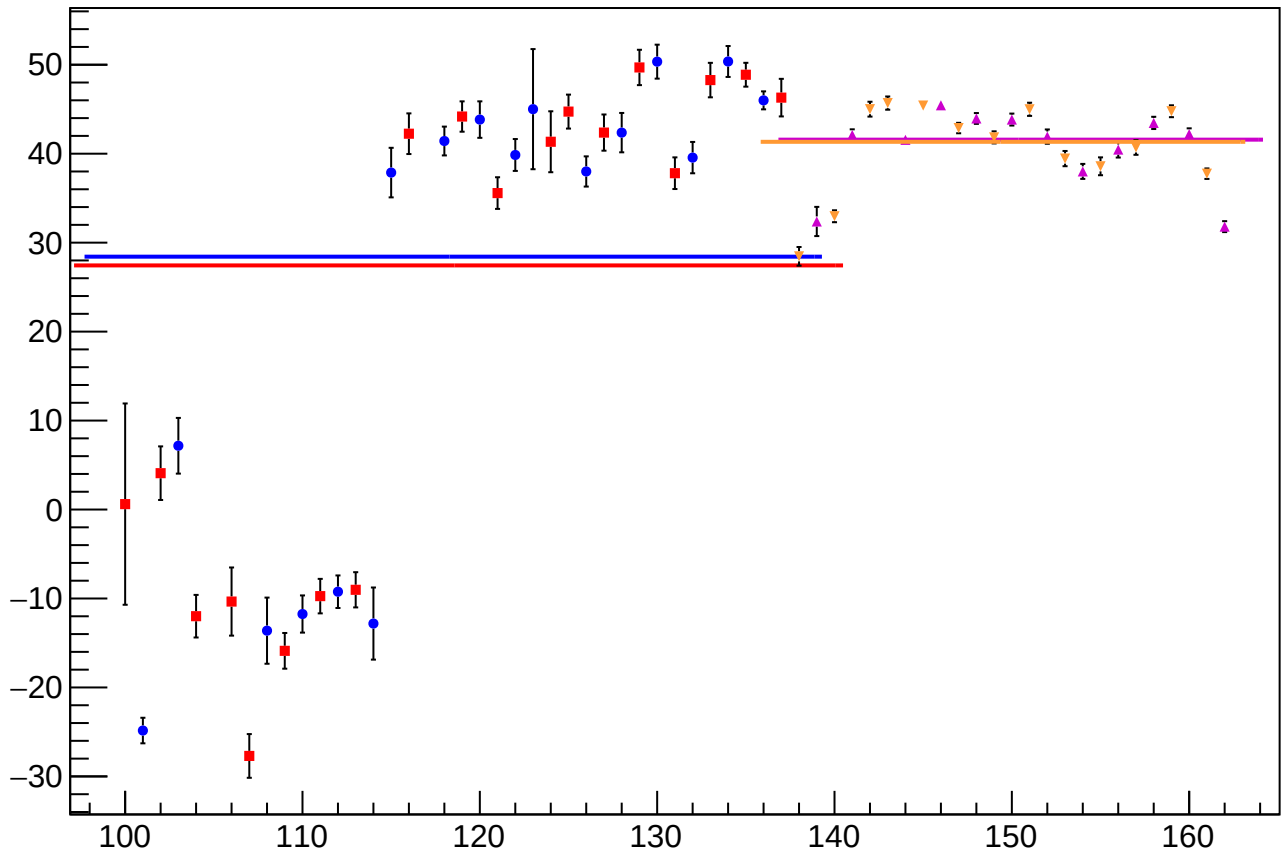
Right: -63.680 ± 0.526 $\chi^2/\text{NDF}: 815.2/35$

In: -64.721 ± 0.221 $\chi^2/\text{NDF}: 2354.9/28$

Out: -66.075 ± 0.229 $\chi^2/\text{NDF}: 1633.6/31$

All: -65.373 ± 0.159 $\chi^2/\text{NDF}: 4006.6/60$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 41.336 $\pm$ 0.198 χ^2 /NDF: 523.7/12

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

Left In: 41.578 $\pm$ 0.192 χ^2 /NDF: 405.5/11

Left: 41.461 $\pm$ 0.138 χ^2 /NDF: 929.9/24

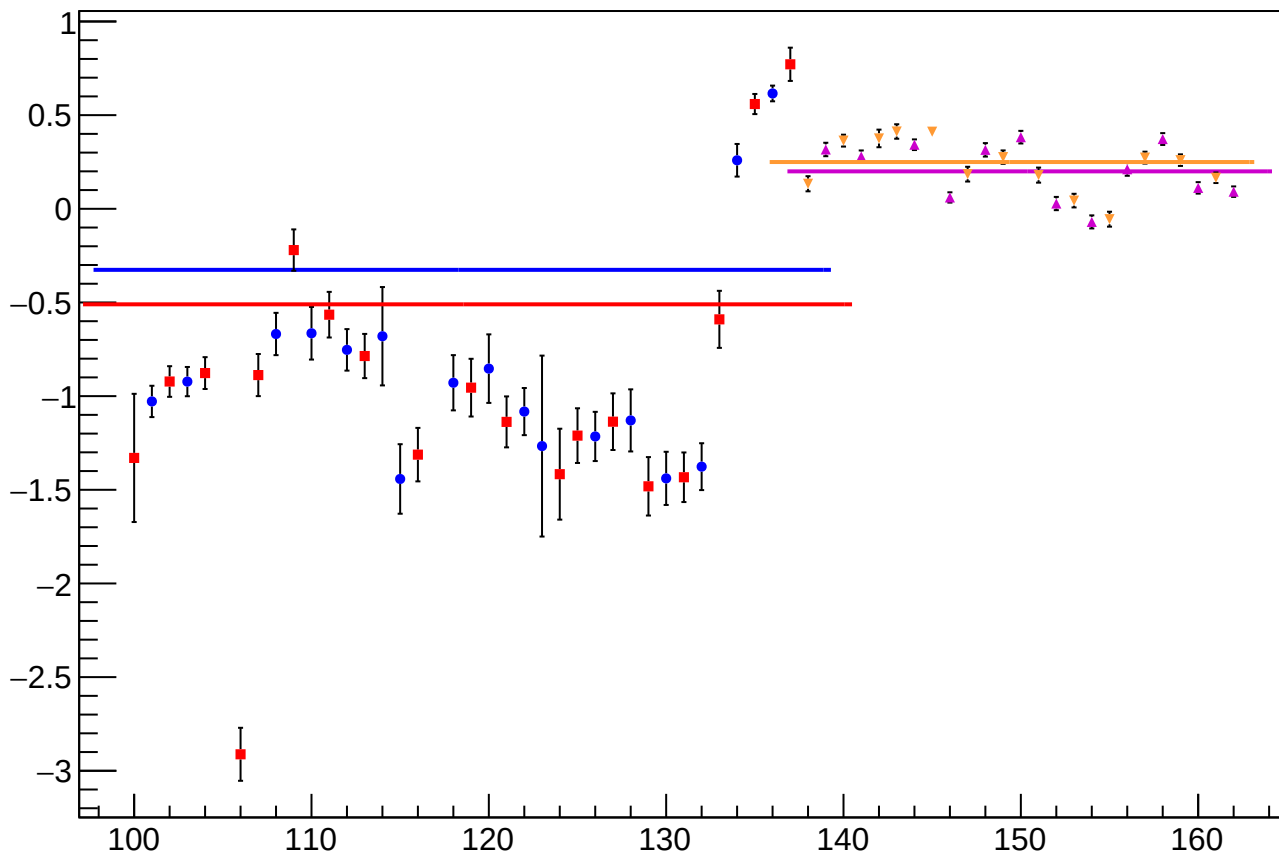
Right: 27.956 $\pm$ 0.331 χ^2 /NDF: 6365.5/35

In: 39.609 $\pm$ 0.177 χ^2 /NDF: 4439.9/28

Out: 39.307 $\pm$ 0.183 χ^2 /NDF: 4276.3/31

All: 39.463 $\pm$ 0.127 χ^2 /NDF: 8717.6/60

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.250 ± 0.009 χ^2/NDF : 197.2/12

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

Left In: 0.200 ± 0.009 χ^2/NDF : 243.8/11

Left: 0.224 ± 0.007 χ^2/NDF : 455.2/24

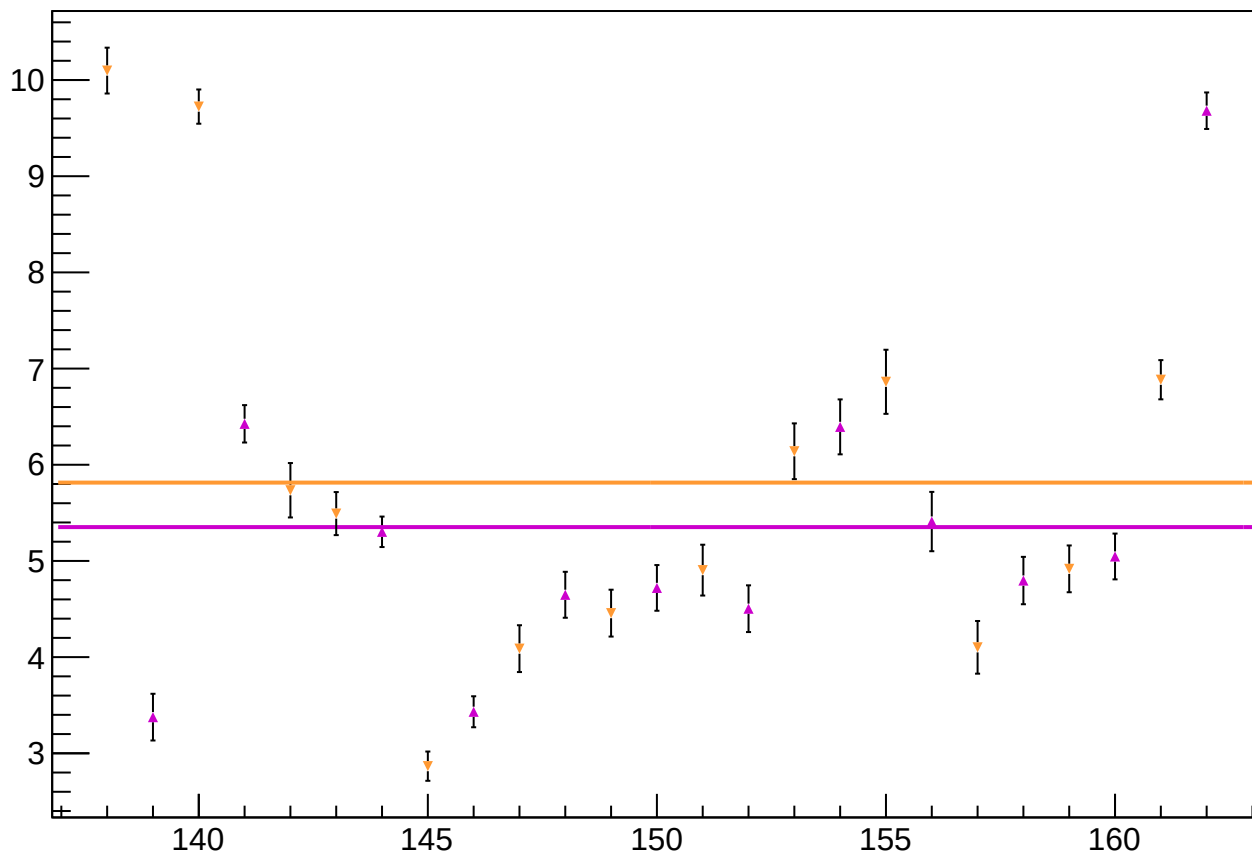
Right: -0.415 ± 0.018 χ^2/NDF : 2208.8/35

In: 0.136 ± 0.009 χ^2/NDF : 1648.8/28

Out: 0.159 ± 0.009 χ^2/NDF : 2136.0/31

All: 0.147 ± 0.006 χ^2/NDF : 3788.1/60

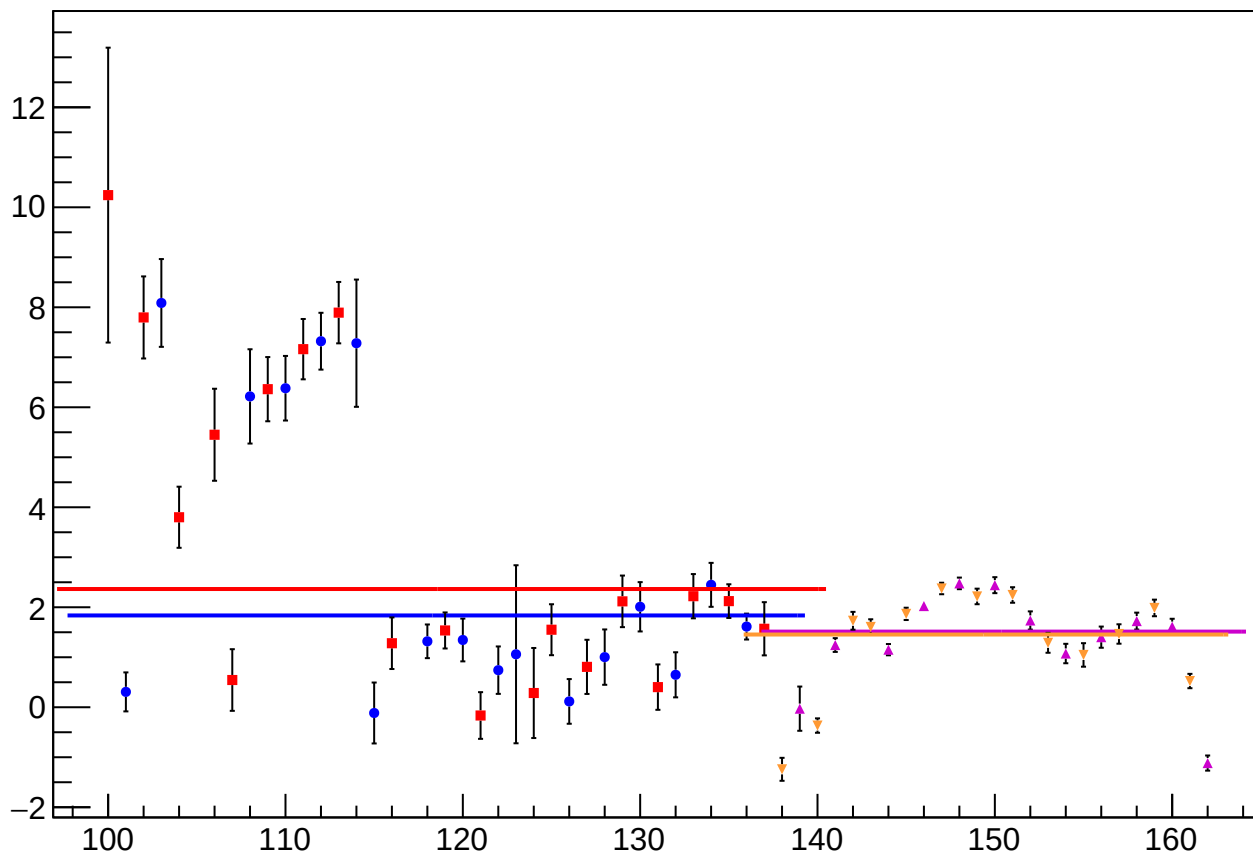
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.815 $\pm$ 0.063 χ^2 /NDF:1367.5/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.352 $\pm$ 0.062 χ^2 /NDF:806.7/11

Left: 5.578 $\pm$ 0.044 χ^2 /NDF: 2201.3/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.352 $\pm$ 0.062 χ^2 /NDF:806.7/11
 Out: 5.815 $\pm$ 0.063 χ^2 /NDF:1367.5/12
 All: 5.578 $\pm$ 0.044 χ^2 /NDF: 2201.3/24

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 1.455 $\pm$ 0.044 χ^2 /NDF:481.6/12

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

Left In: 1.513 $\pm$ 0.043 χ^2 /NDF:466.8/11

Left: 1.485 $\pm$ 0.031 χ^2 /NDF: 949.4/24

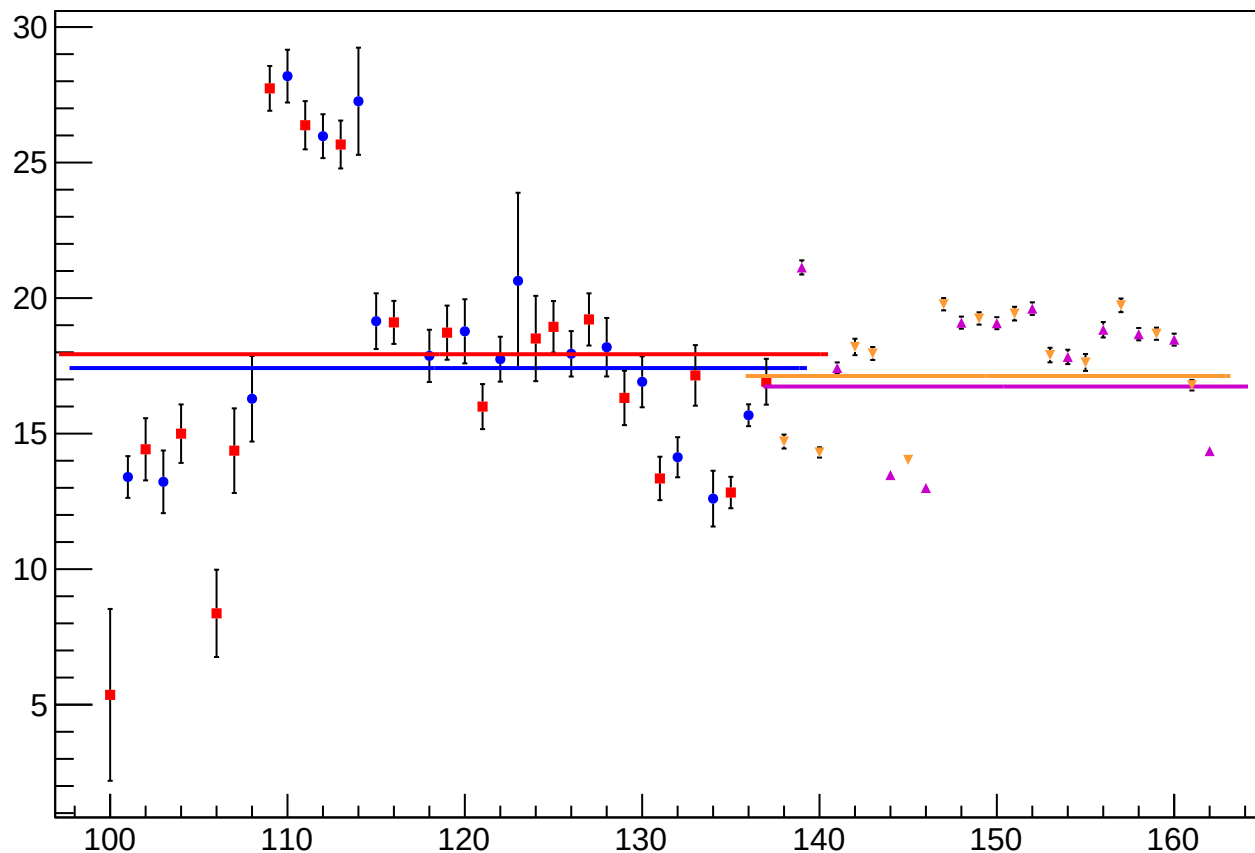
Right: 2.086 $\pm$ 0.084 χ^2 /NDF: 641.1/35

In: 1.551 $\pm$ 0.040 χ^2 /NDF:768.5/28

Out: 1.558 $\pm$ 0.041 χ^2 /NDF:866.9/31

All: 1.554 $\pm$ 0.029 χ^2 /NDF: 1635.4/60

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 $\pm$ 0.212 χ^2 /NDF: 366.8/16

Left Out: 17.126 $\pm$ 0.063 χ^2 /NDF:1173.5/12

Right Out: 17.929 $\pm$ 0.219 χ^2 /NDF: 506.3/18

Left In: 16.737 $\pm$ 0.061 χ^2 /NDF:1994.8/11

Left: 16.924 $\pm$ 0.044 χ^2 /NDF: 3187.8/24

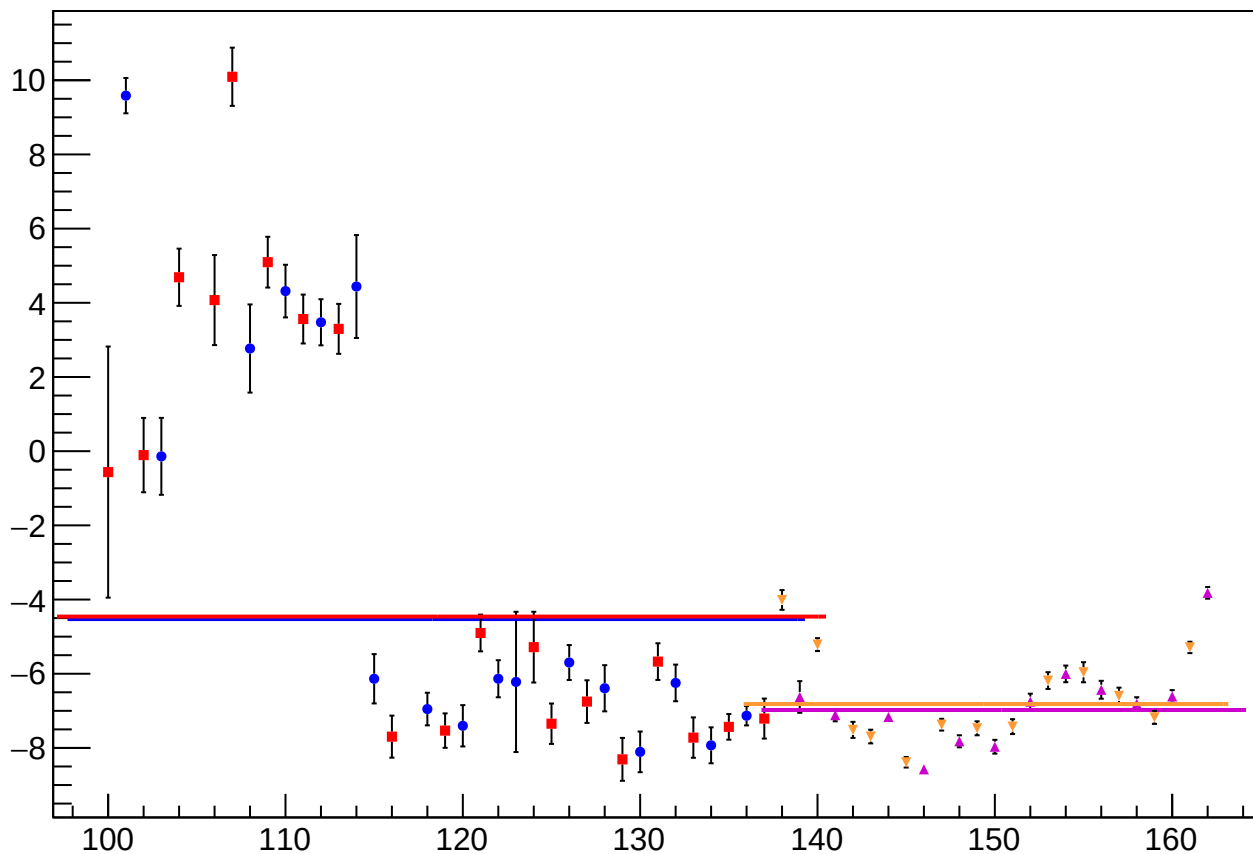
Right: 17.665 $\pm$ 0.152 χ^2 /NDF: 876.0/35

In: 16.790 $\pm$ 0.059 χ^2 /NDF:2371.2/28

Out: 17.188 $\pm$ 0.061 χ^2 /NDF:1692.3/31

All: 16.981 $\pm$ 0.042 χ^2 /NDF: 4085.7/60

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 $\chi^2/\text{NDF}: 1590.2/16$

Left Out: -6.817 ± 0.052 $\chi^2/\text{NDF}: 506.8/12$

Right Out: -4.459 ± 0.137 $\chi^2/\text{NDF}: 1338.9/18$

Left In: -6.977 ± 0.050 $\chi^2/\text{NDF}: 655.9/11$

Left: -6.900 ± 0.036 $\chi^2/\text{NDF}: 1167.6/24$

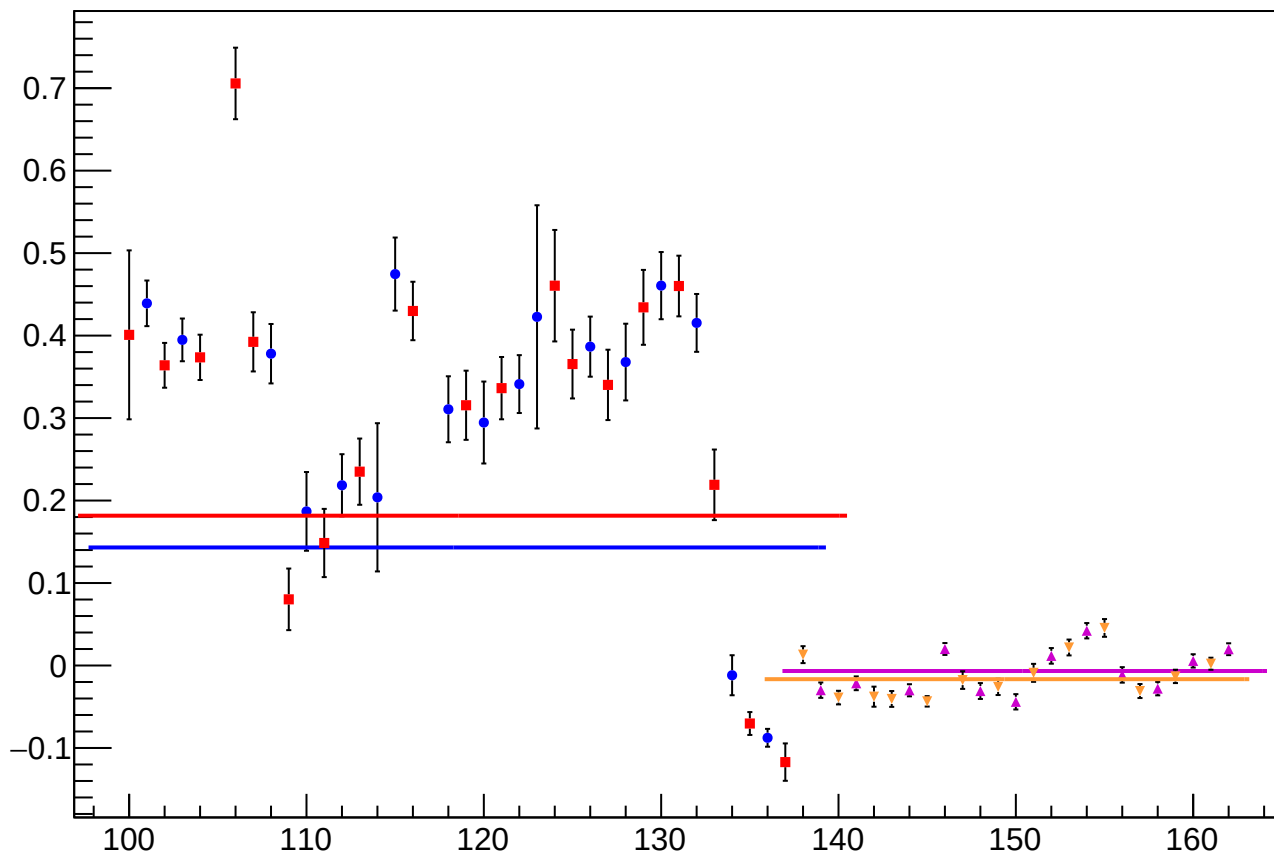
Right: -4.494 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -6.655 ± 0.047 $\chi^2/\text{NDF}: 2557.2/28$

Out: -6.519 ± 0.049 $\chi^2/\text{NDF}: 2104.5/31$

All: -6.589 ± 0.034 $\chi^2/\text{NDF}: 4665.8/60$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.017 ± 0.002 $\chi^2/\text{NDF}: 103.2/12$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1007.8/18$

Left In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 109.8/11$

Left: -0.011 ± 0.002 $\chi^2/\text{NDF}: 221.1/24$

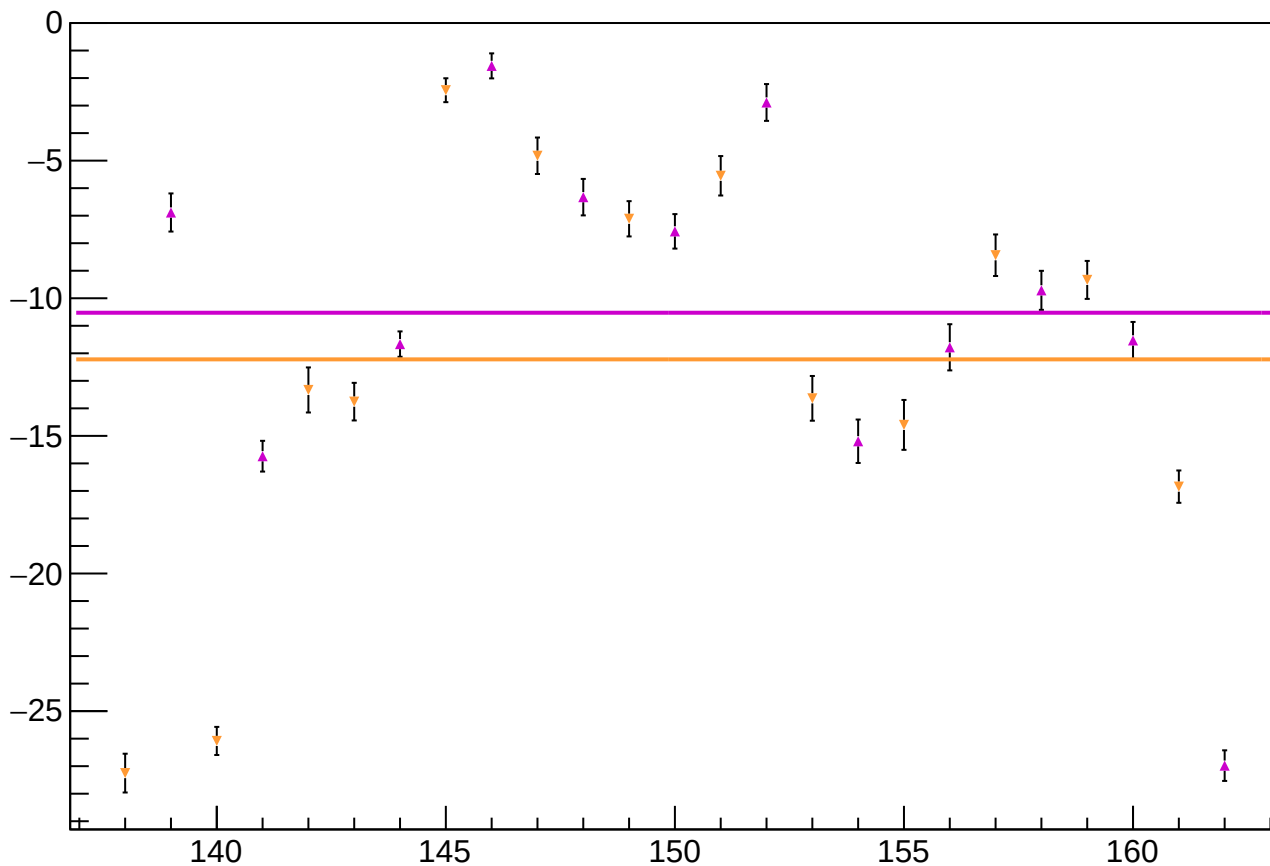
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2082.4/35$

In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 1573.7/28$

Out: 0.004 ± 0.002 $\chi^2/\text{NDF}: 1757.7/31$

All: 0.007 ± 0.002 $\chi^2/\text{NDF}: 3334.2/60$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.220+/-0.180 χ^2/NDF : 2095.9/12

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

Left In: -10.526+/-0.176 χ^2/NDF : 1620.1/11

Left: -11.354+/-0.126 χ^2/NDF : 3761.5/24

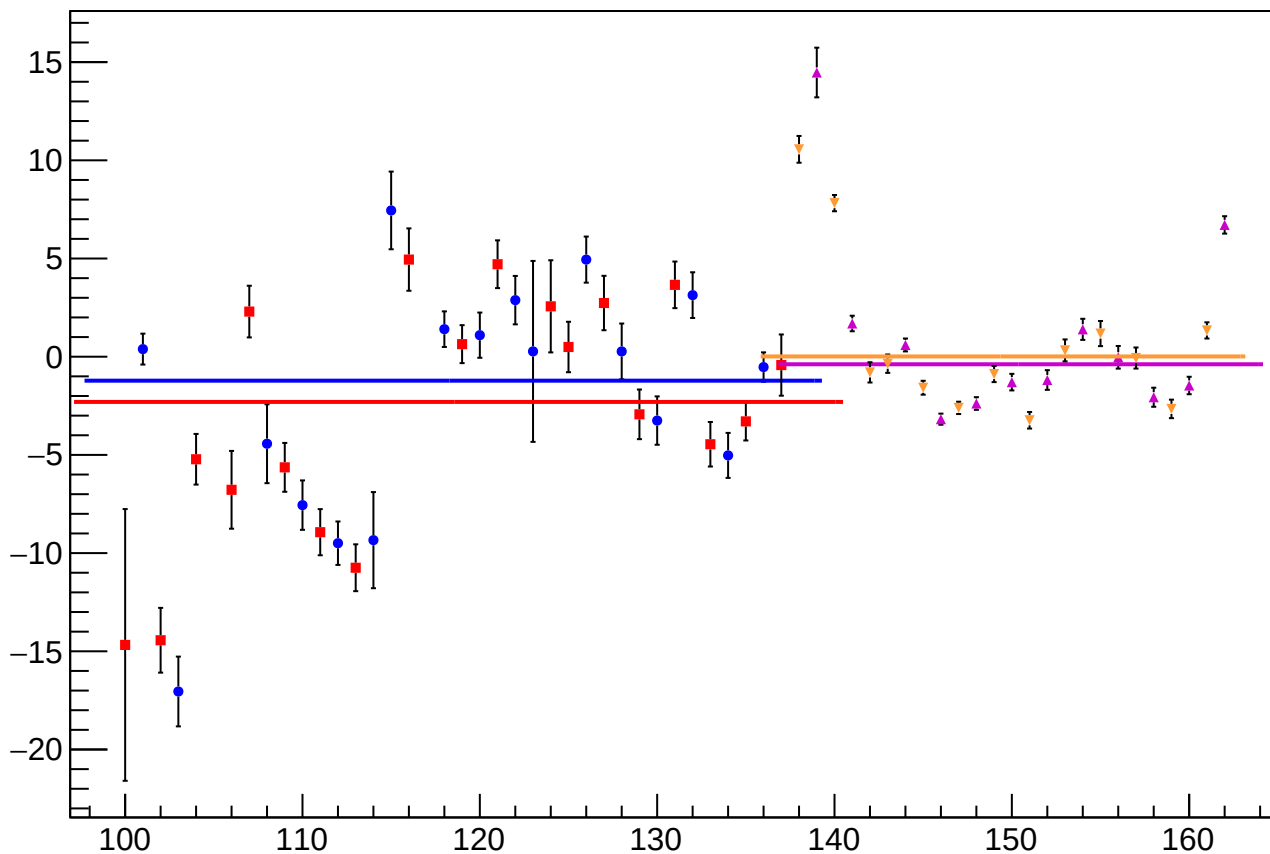
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.526+/-0.176 χ^2/NDF : 1620.1/11

Out: -12.220+/-0.180 χ^2/NDF : 2095.9/12

All: -11.354+/-0.126 χ^2/NDF : 3761.5/24

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.014 ± 0.124 χ^2/NDF : 798.0/12

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

Left In: -0.384 ± 0.121 χ^2/NDF : 603.5/11

Left: -0.190 ± 0.086 χ^2/NDF : 1406.8/24

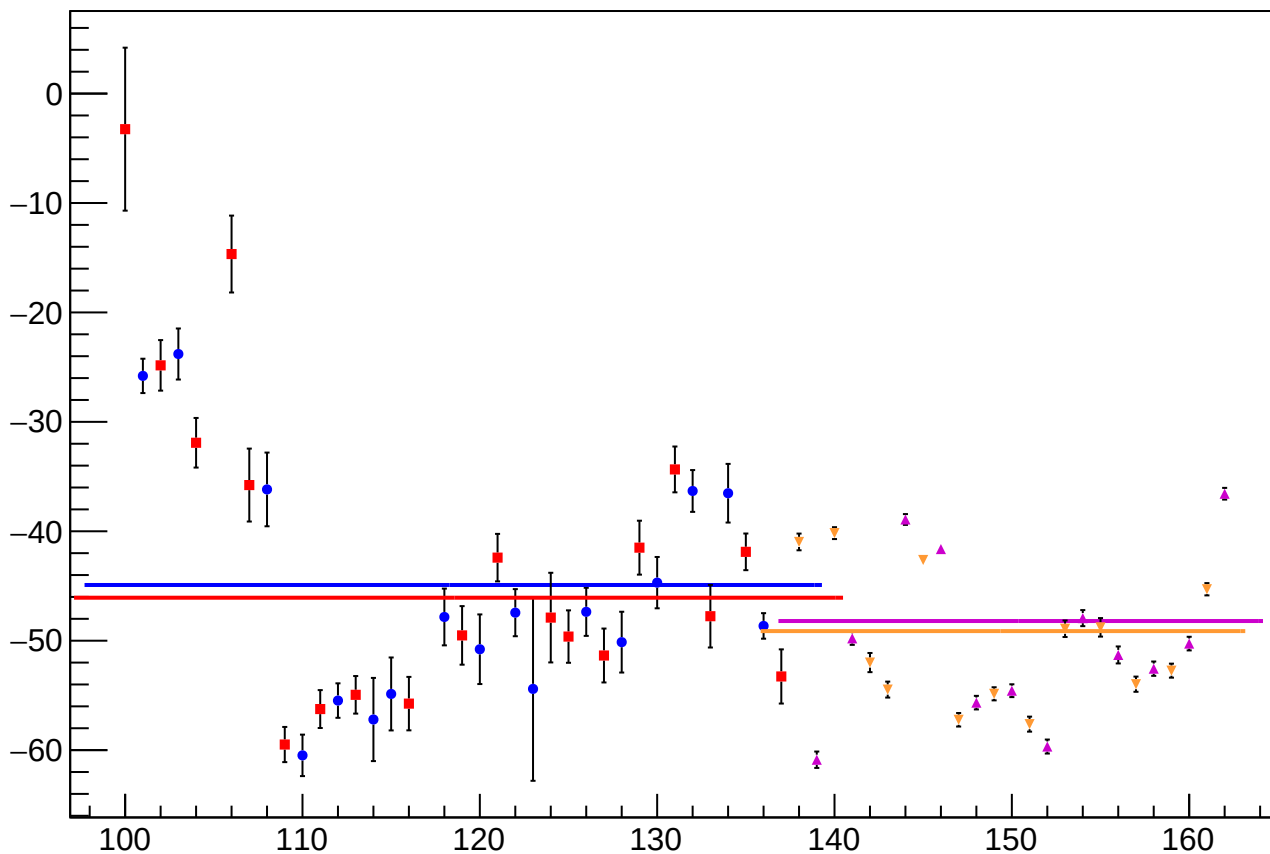
Right: -1.738 ± 0.209 χ^2/NDF : 571.5/35

In: -0.507 ± 0.111 χ^2/NDF : 889.2/28

Out: -0.318 ± 0.114 χ^2/NDF : 1134.5/31

All: -0.415 ± 0.080 χ^2/NDF : 2025.0/60

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -49.122 ± 0.179 χ^2/NDF : 1193.1/12

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

Left In: -48.202 ± 0.172 χ^2/NDF : 2001.0/11

Left: -48.645 ± 0.124 χ^2/NDF : 3207.8/24

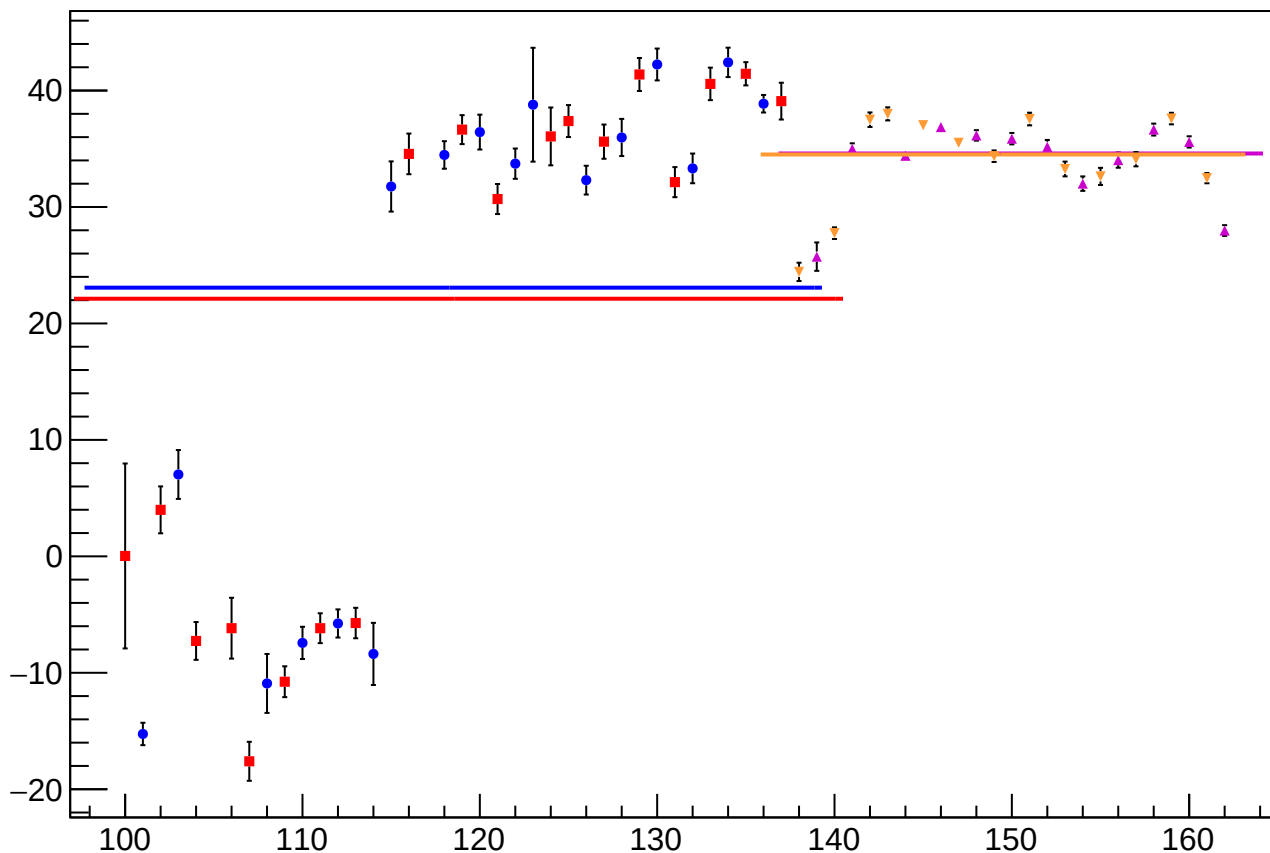
Right: -45.483 ± 0.371 χ^2/NDF : 877.6/35

In: -47.880 ± 0.163 χ^2/NDF : 2458.0/28

Out: -48.809 ± 0.169 χ^2/NDF : 1677.0/31

All: -48.328 ± 0.117 χ^2/NDF : 4150.6/60

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.509 $\pm$ 0.147 χ^2 /NDF:552.6/12

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

Left In: 34.595 $\pm$ 0.143 χ^2 /NDF:357.8/11

Left: 34.554 $\pm$ 0.102 χ^2 /NDF: 910.5/24

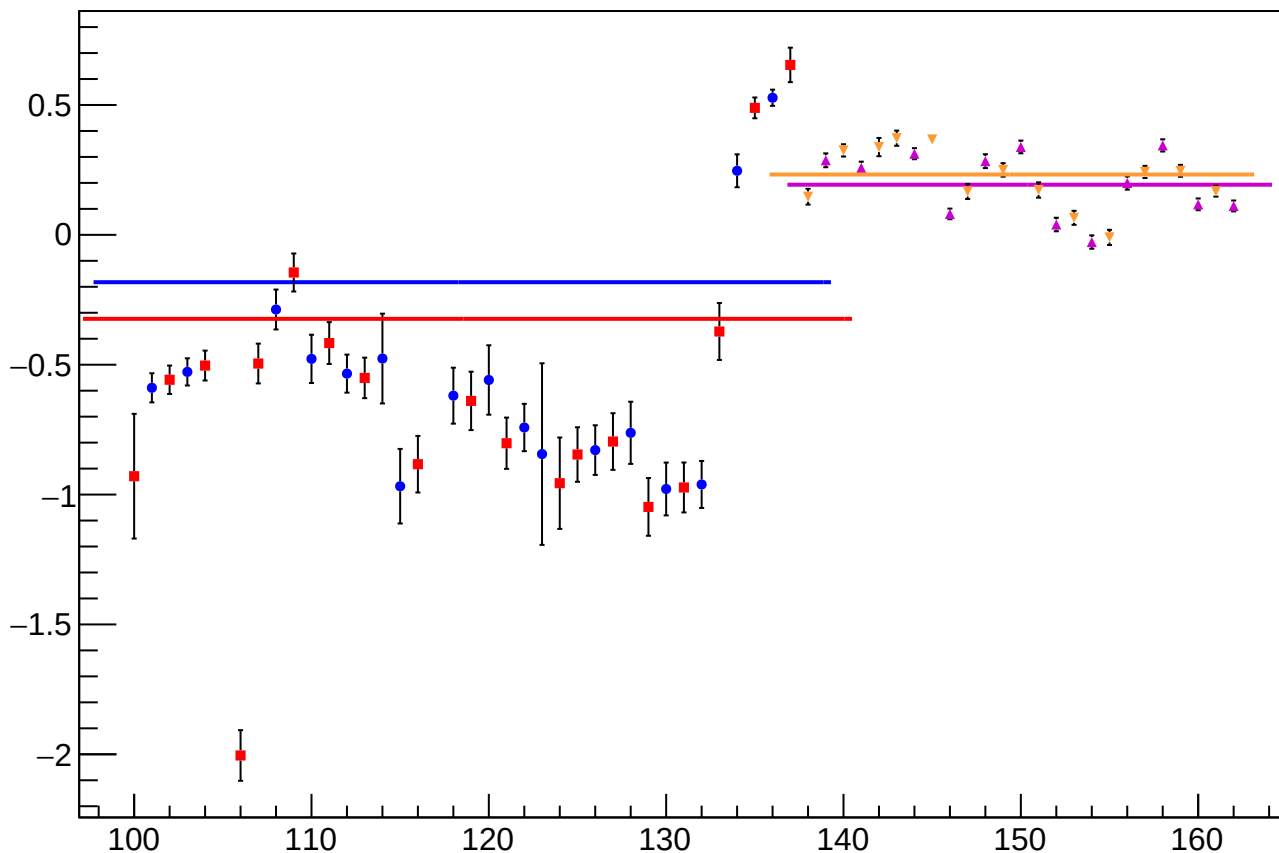
Right: 22.617 $\pm$ 0.235 χ^2 /NDF: 8384.4/35

In: 32.744 $\pm$ 0.131 χ^2 /NDF:5752.3/28

Out: 32.557 $\pm$ 0.135 χ^2 /NDF:5706.0/31

All: 32.654 $\pm$ 0.094 χ^2 /NDF: 11459.3/60

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.232 ± 0.007 χ^2/NDF : 237.2/12

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

Left In: 0.193 ± 0.007 χ^2/NDF : 303.9/11

Left: 0.212 ± 0.005 χ^2/NDF : 557.3/24

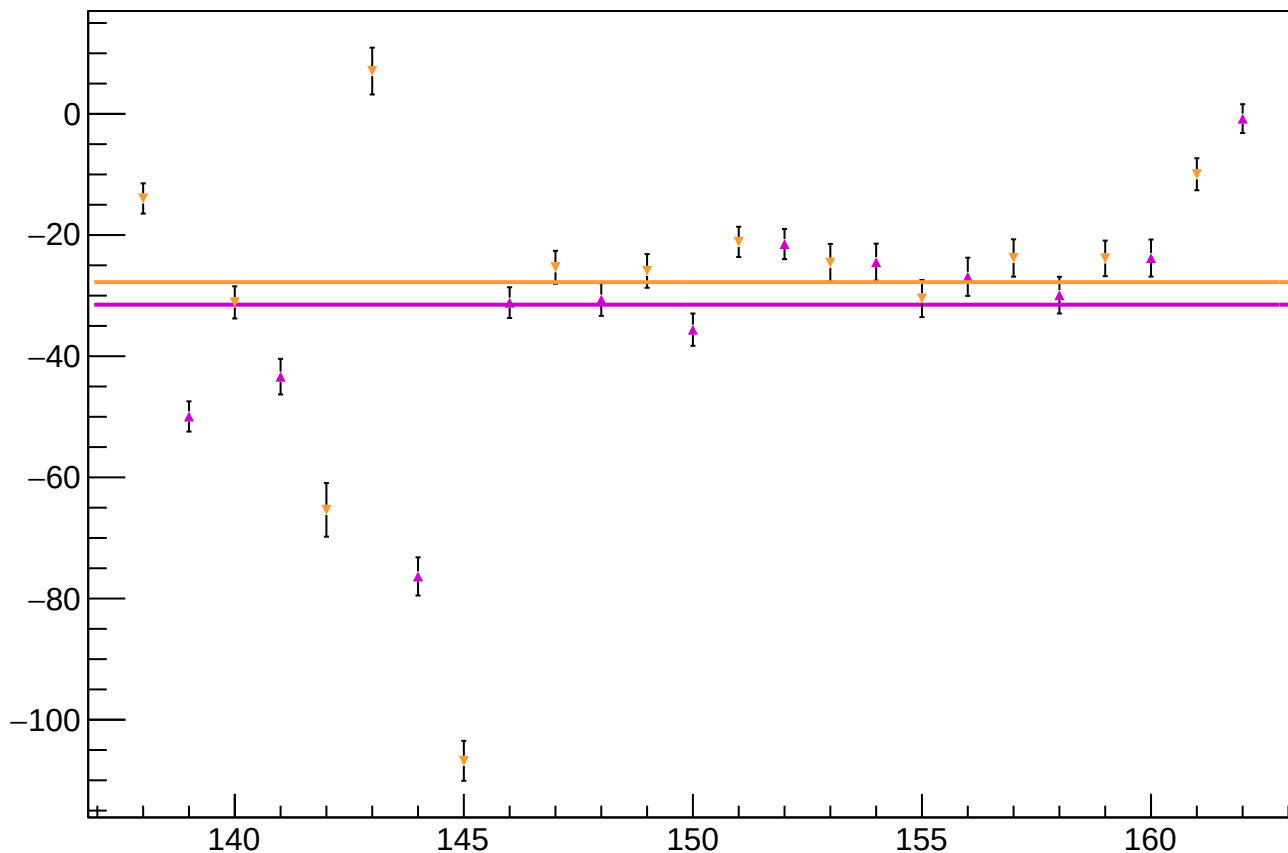
Right: -0.251 ± 0.013 χ^2/NDF : 2213.4/35

In: 0.144 ± 0.006 χ^2/NDF : 1692.2/28

Out: 0.160 ± 0.007 χ^2/NDF : 2236.1/31

All: 0.152 ± 0.005 χ^2/NDF : 3931.3/60

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



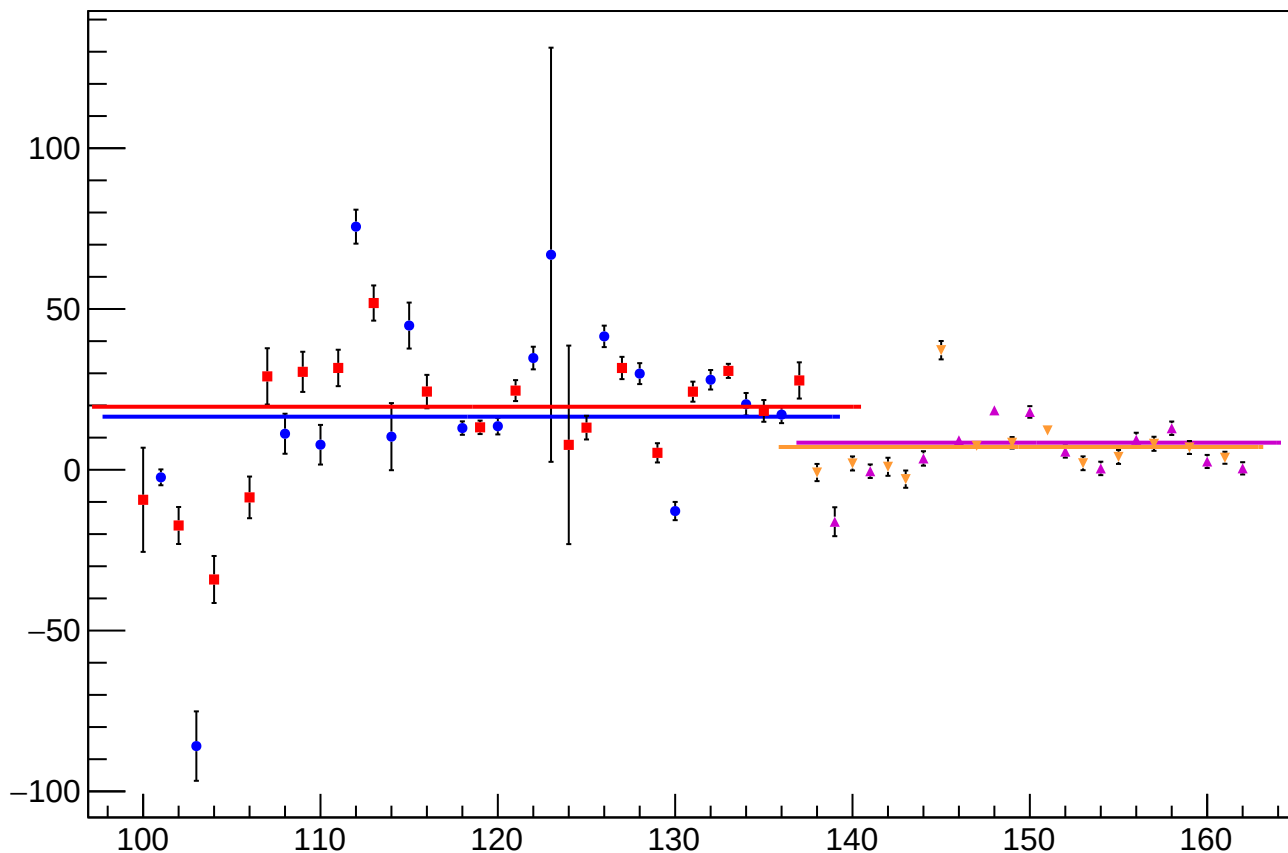
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -27.781+/-0.813 χ^2/NDF :819.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.495+/-0.797 χ^2/NDF :473.3/11

Left: -29.675+/-0.569 χ^2/NDF : 1303.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.495+/-0.797 χ^2/NDF :473.3/11
 Out: -27.781+/-0.813 χ^2/NDF :819.1/12

All: -29.675+/-0.569 χ^2/NDF : 1303.0/24

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 7.087 $\pm$ 0.549 χ^2 /NDF:168.7/12

Right Out: 19.604 $\pm$ 0.898 χ^2 /NDF: 242.0/18

Left In: 8.432 $\pm$ 0.552 χ^2 /NDF:187.0/11

Left: 7.756 $\pm$ 0.389 χ^2 /NDF: 358.7/24

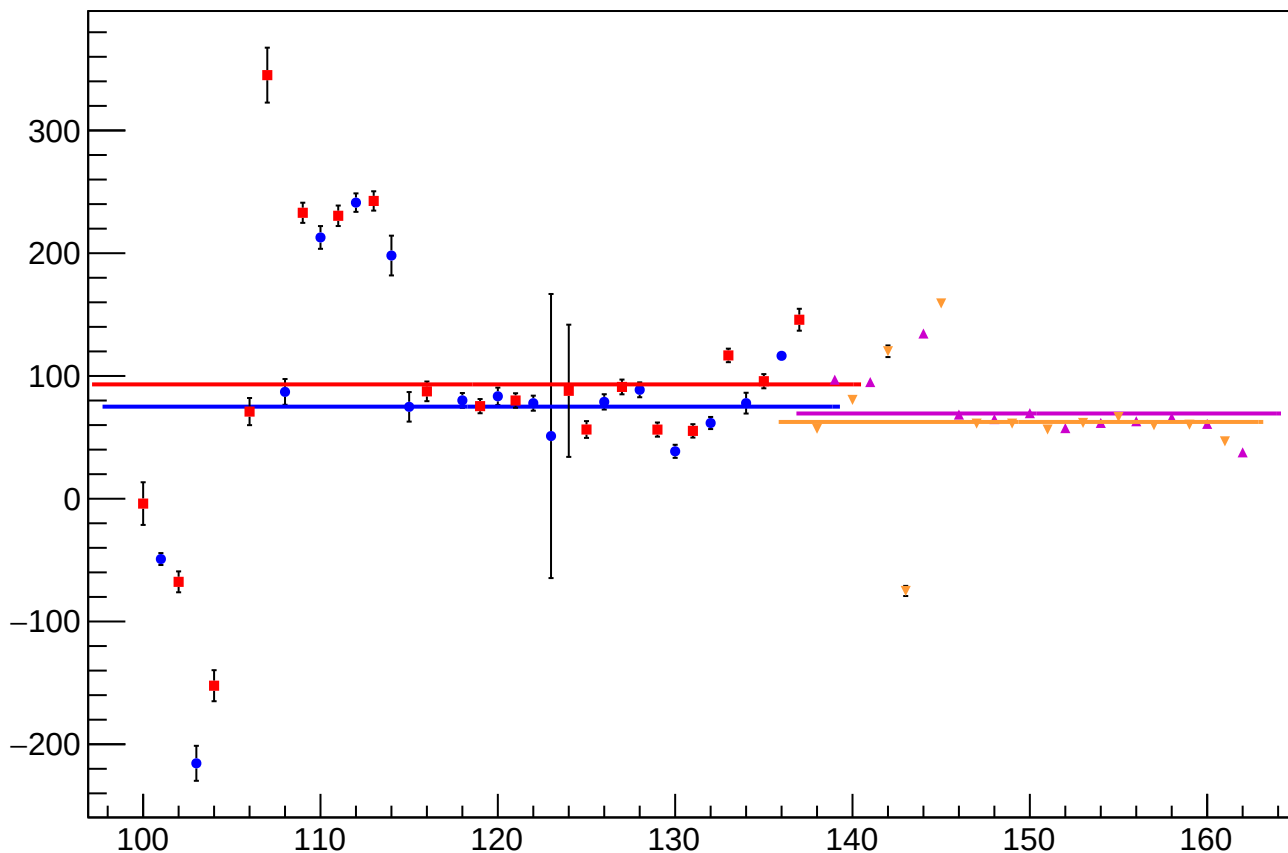
Right: 17.968 $\pm$ 0.616 χ^2 /NDF: 767.9/35

In: 10.837 $\pm$ 0.462 χ^2 /NDF:770.5/28

Out: 10.492 $\pm$ 0.469 χ^2 /NDF:552.0/31

All: 10.667 $\pm$ 0.329 χ^2 /NDF: 1322.8/60

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009+/-1.636 χ^2/NDF : 1999.3/16

Left Out: 62.548+/-0.794 χ^2/NDF : 2151.0/12

Right Out: 93.140+/-1.711 χ^2/NDF : 2002.3/18

Left In: 69.439+/-0.773 χ^2/NDF : 786.8/11

Left: 66.087+/-0.554 χ^2/NDF : 2976.5/24

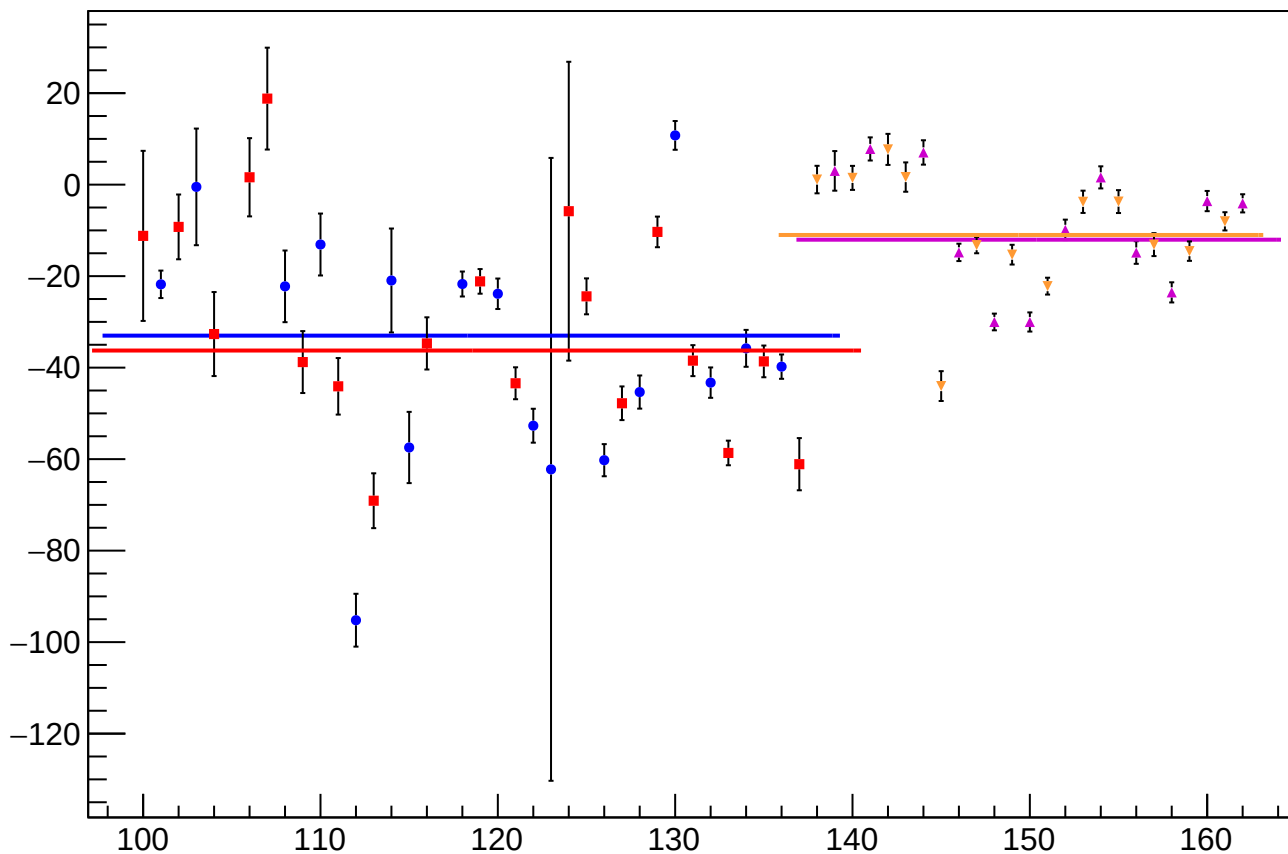
Right: 83.668+/-1.183 χ^2/NDF : 4060.3/35

In: 70.455+/-0.699 χ^2/NDF : 2795.7/28

Out: 67.969+/-0.720 χ^2/NDF : 4416.3/31

All: 69.250+/-0.502 χ^2/NDF : 7218.1/60

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -11.001 ± 0.657 χ^2/NDF : 252.8/12

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

Left In: -12.035 ± 0.651 χ^2/NDF : 389.7/11

Left: -11.522 ± 0.462 χ^2/NDF : 643.7/24

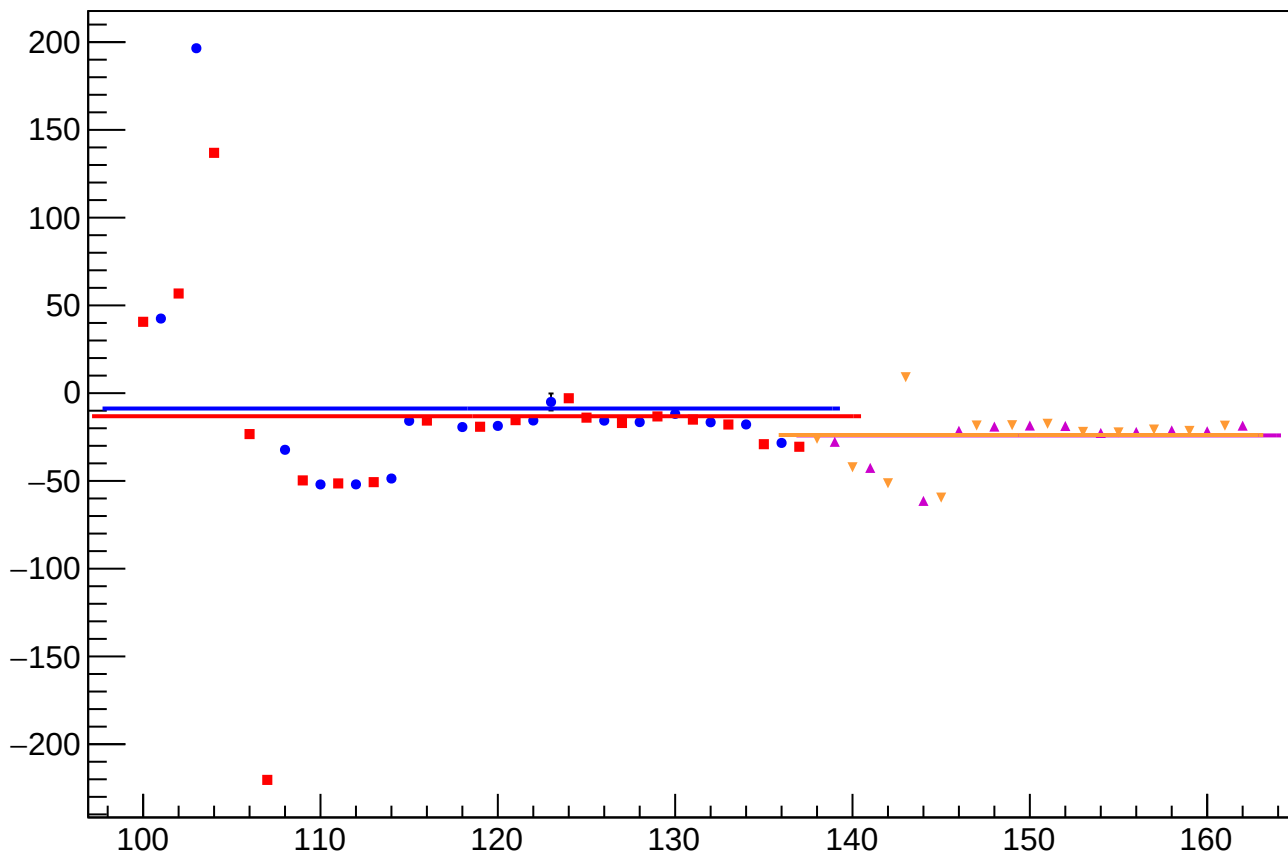
Right: -34.545 ± 0.705 χ^2/NDF : 795.4/35

In: -18.537 ± 0.541 χ^2/NDF : 1204.1/28

Out: -18.347 ± 0.553 χ^2/NDF : 980.2/31

All: -18.444 ± 0.387 χ^2/NDF : 2184.4/60

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -23.844 ± 0.031 $\chi^2/\text{NDF}: 166722.7/12$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

Left In: -24.078 ± 0.030 $\chi^2/\text{NDF}: 101207.1/11$

Left: -23.964 ± 0.022 $\chi^2/\text{NDF}: 267959.3/24$

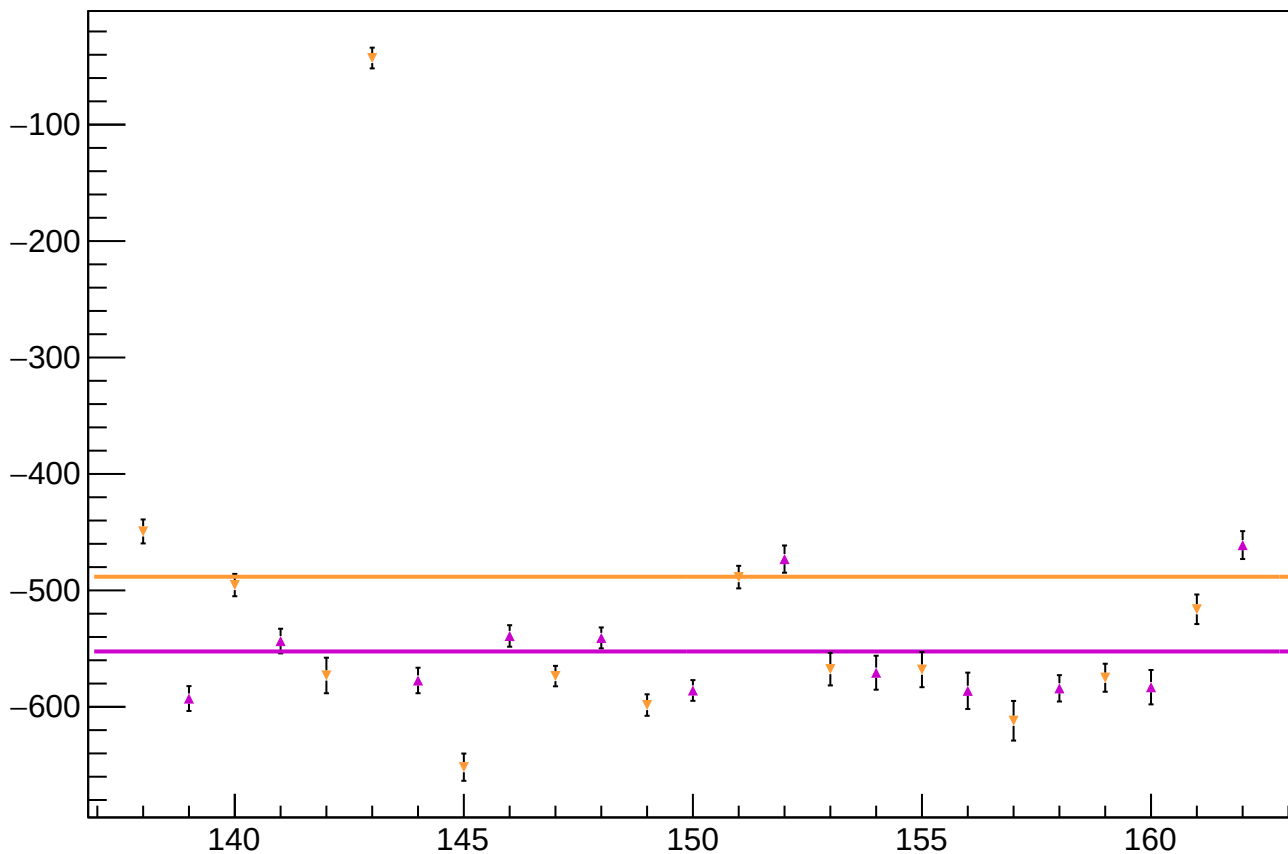
Right: -10.840 ± 0.043 $\chi^2/\text{NDF}: 1137294.9/35$

In: -20.901 ± 0.027 $\chi^2/\text{NDF}: 731072.7/28$

Out: -21.690 ± 0.028 $\chi^2/\text{NDF}: 749351.0/31$

All: -21.282 ± 0.019 $\chi^2/\text{NDF}: 1480842.9/60$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -488.277 $\pm$ 3.072 χ^2/NDF :3153.2/12

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

Left In: -552.444 $\pm$ 3.189 χ^2/NDF :160.8/11

Left: -519.163 $\pm$ 2.213 χ^2/NDF : 3523.9/24

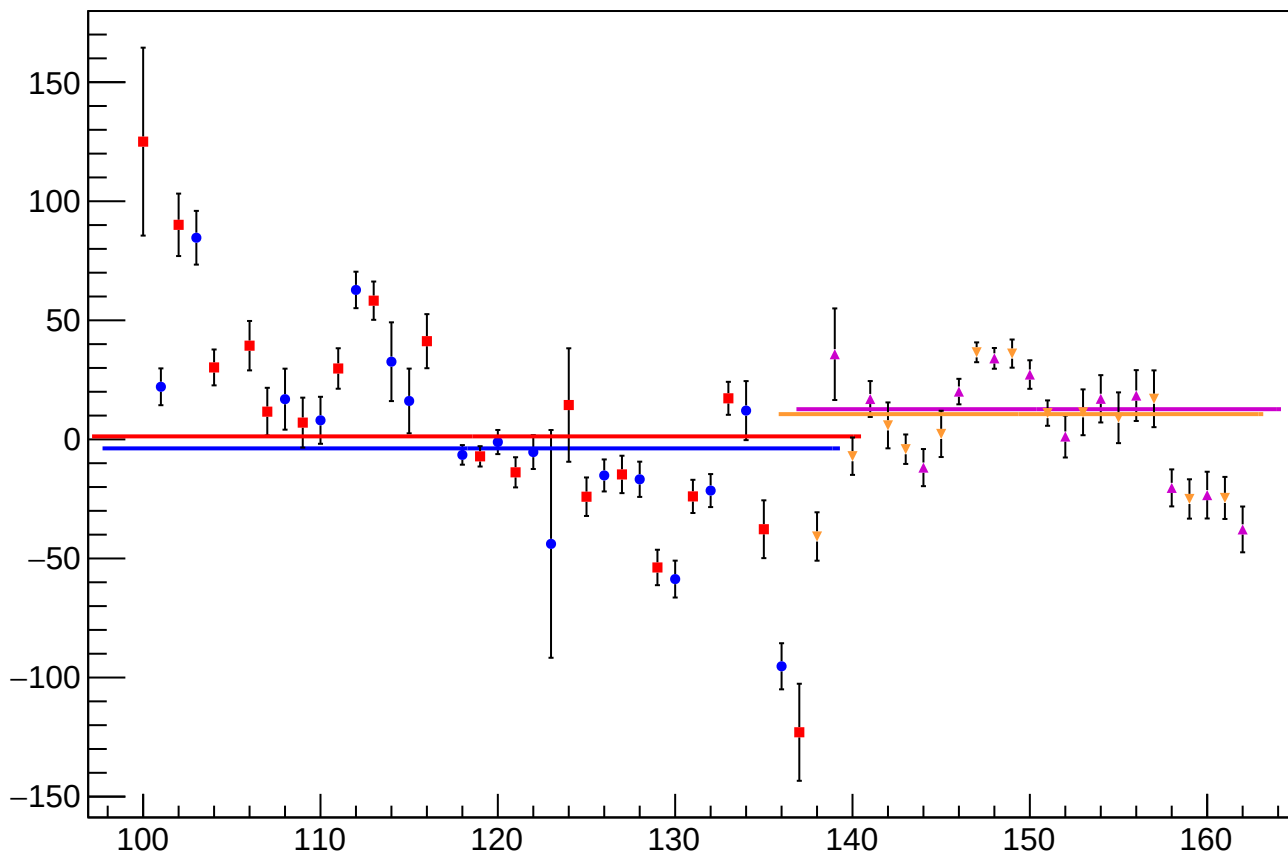
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -552.444 $\pm$ 3.189 χ^2/NDF :160.8/11

Out: -488.277 $\pm$ 3.072 χ^2/NDF :3153.2/12

All: -519.163 $\pm$ 2.213 χ^2/NDF : 3523.9/24

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 10.612 ± 2.004 χ^2/NDF : 129.4/12

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

Left In: 12.686 ± 2.124 χ^2/NDF : 104.8/11

Left: 11.589 ± 1.458 χ^2/NDF : 234.8/24

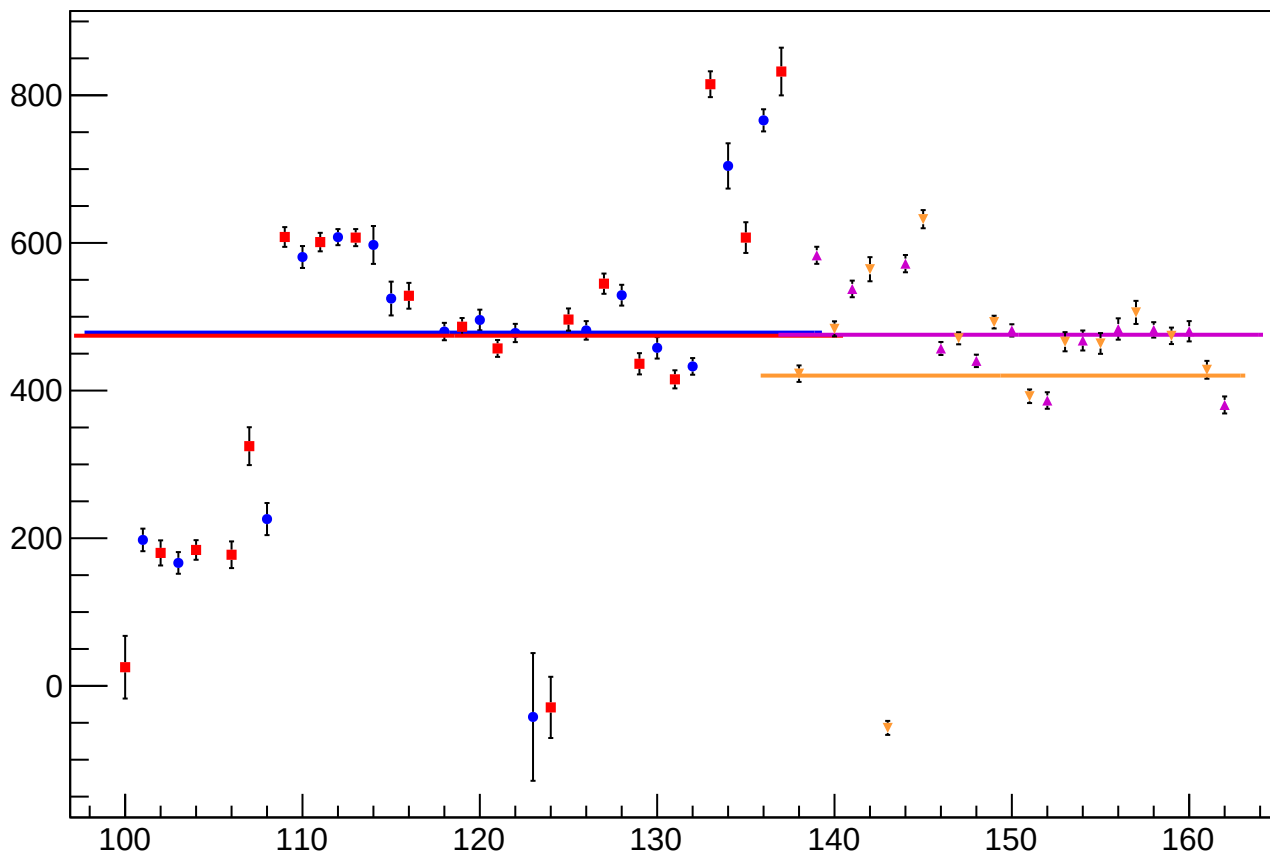
Right: -1.296 ± 1.346 χ^2/NDF : 621.6/35

In: 3.495 ± 1.411 χ^2/NDF : 452.7/28

Out: 5.739 ± 1.386 χ^2/NDF : 444.5/31

All: 4.637 ± 0.989 χ^2/NDF : 898.5/60

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 420.312+/-3.029 χ^2/NDF : 3129.5/12

Right Out: 474.328+/-3.533 χ^2/NDF : 2287.1/18

Left In: 475.609+/-3.097 χ^2/NDF : 339.7/11

Left: 447.350+/-2.165 χ^2/NDF : 3632.1/24

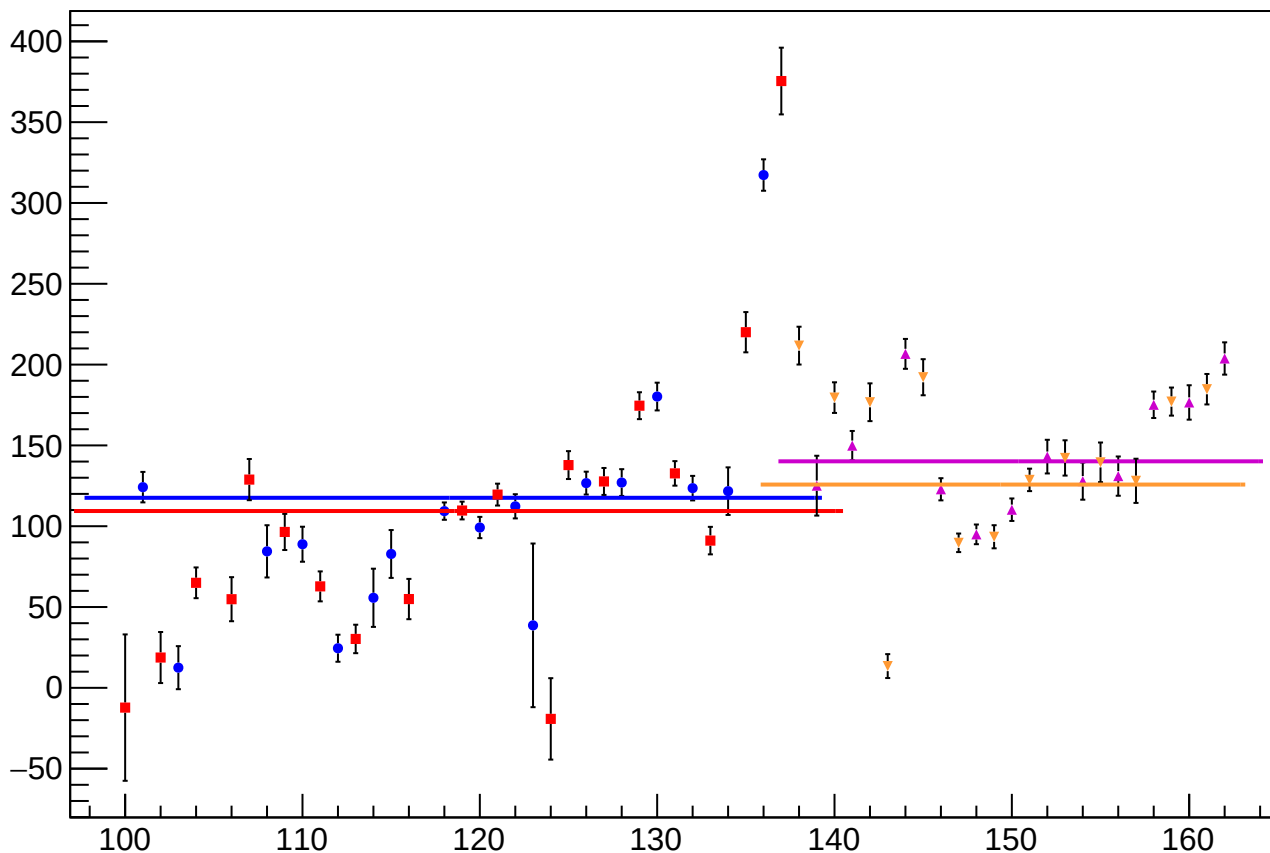
Right: 476.370+/-2.532 χ^2/NDF : 3916.8/35

In: 476.838+/-2.356 χ^2/NDF : 1969.0/28

Out: 443.198+/-2.299 χ^2/NDF : 5551.4/31

All: 459.610+/-1.646 χ^2/NDF : 7624.8/60

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 125.774 ± 2.442 $\chi^2/\text{NDF}: 508.9/12$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

Left In: 140.149 ± 2.557 $\chi^2/\text{NDF}: 205.6/11$

Left: 132.632 ± 1.766 $\chi^2/\text{NDF}: 731.1/24$

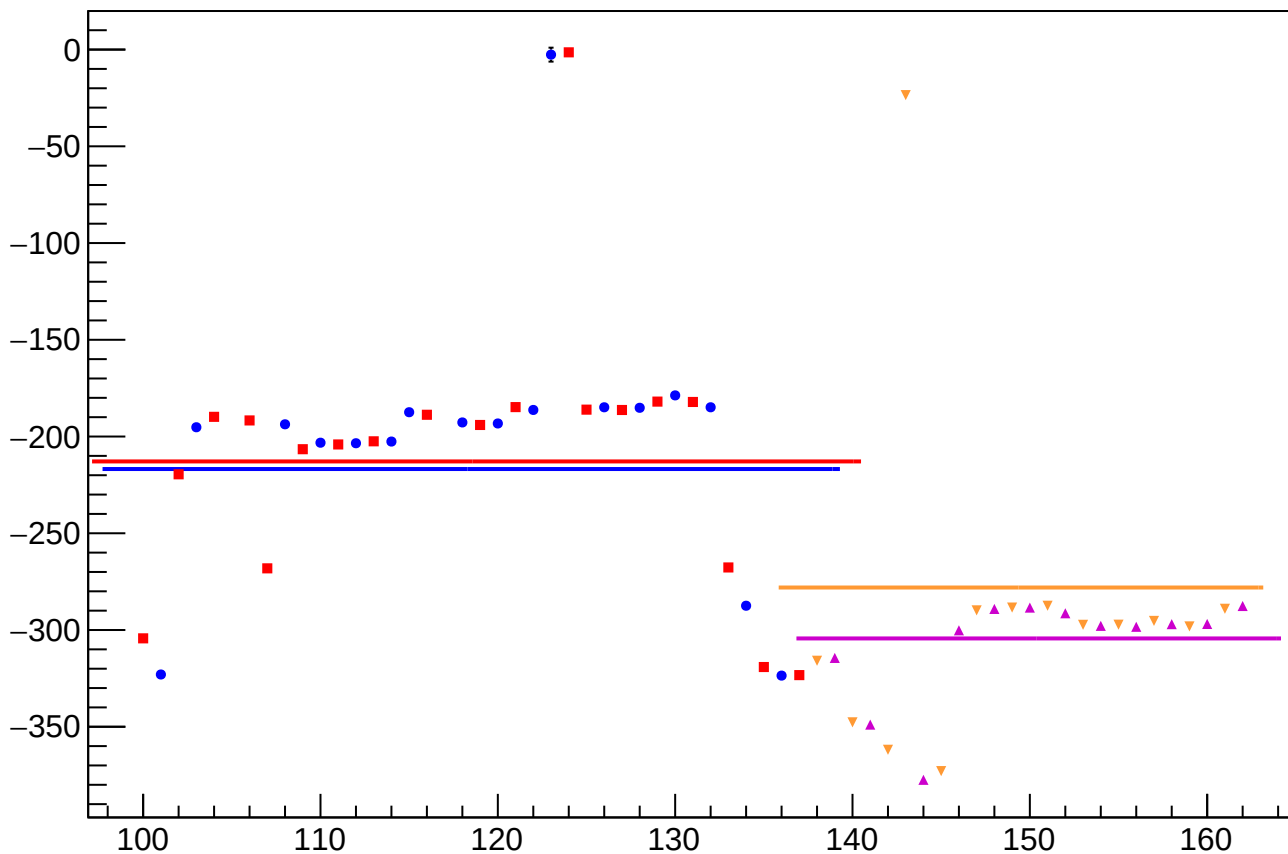
Right: 113.524 ± 1.557 $\chi^2/\text{NDF}: 1285.0/35$

In: 127.146 ± 1.665 $\chi^2/\text{NDF}: 957.4/28$

Out: 116.770 ± 1.639 $\chi^2/\text{NDF}: 1104.8/31$

All: 121.876 ± 1.168 $\chi^2/\text{NDF}: 2082.0/60$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -278.035+/-0.122 χ^2/NDF : 544007.5/12

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

Left In: -304.358+/-0.123 χ^2/NDF : 37585.3/11

Left: -291.079+/-0.087 χ^2/NDF : 604672.5/24

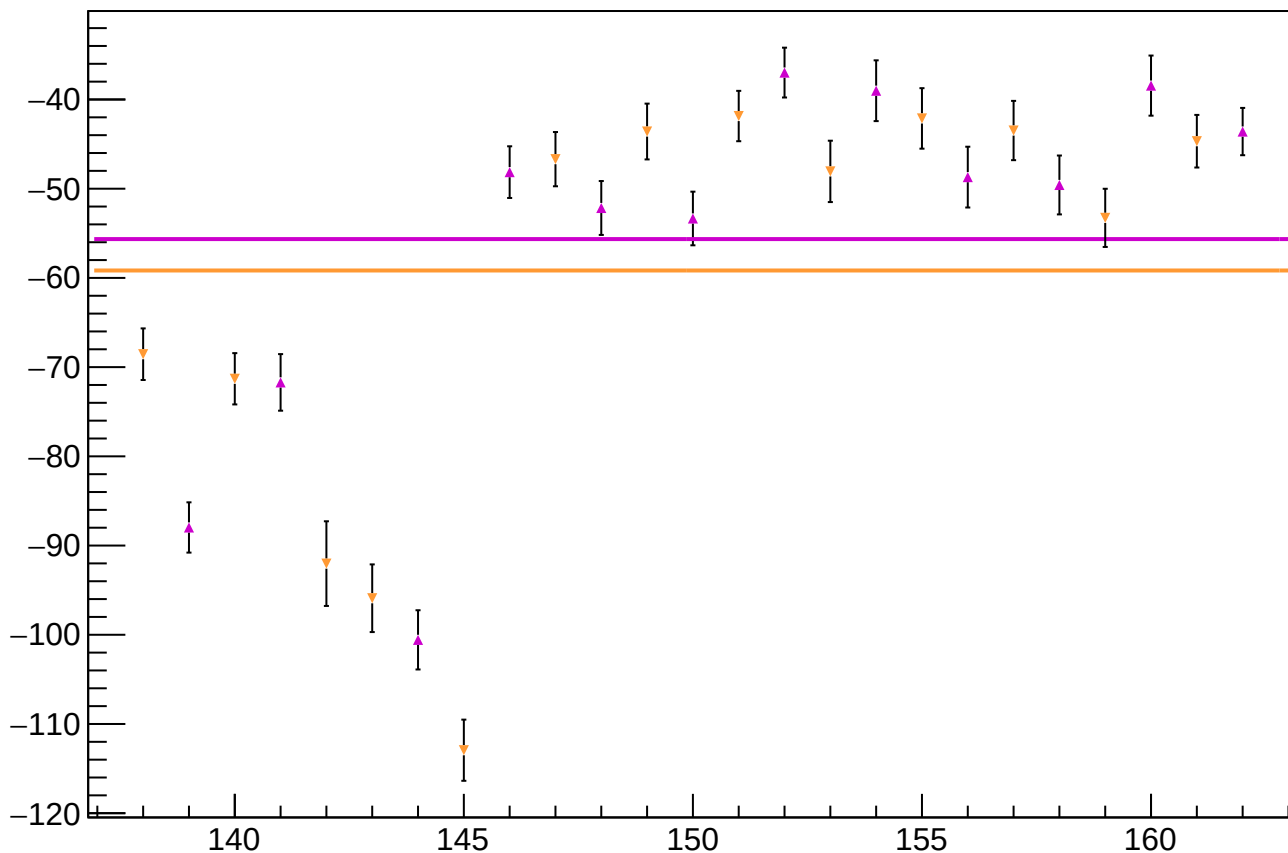
Right: -214.751+/-0.094 χ^2/NDF : 263806.1/35

In: -264.827+/-0.091 χ^2/NDF : 413115.4/28

Out: -247.565+/-0.089 χ^2/NDF : 793877.5/31

All: -255.990+/-0.064 χ^2/NDF : 1225354.5/60

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



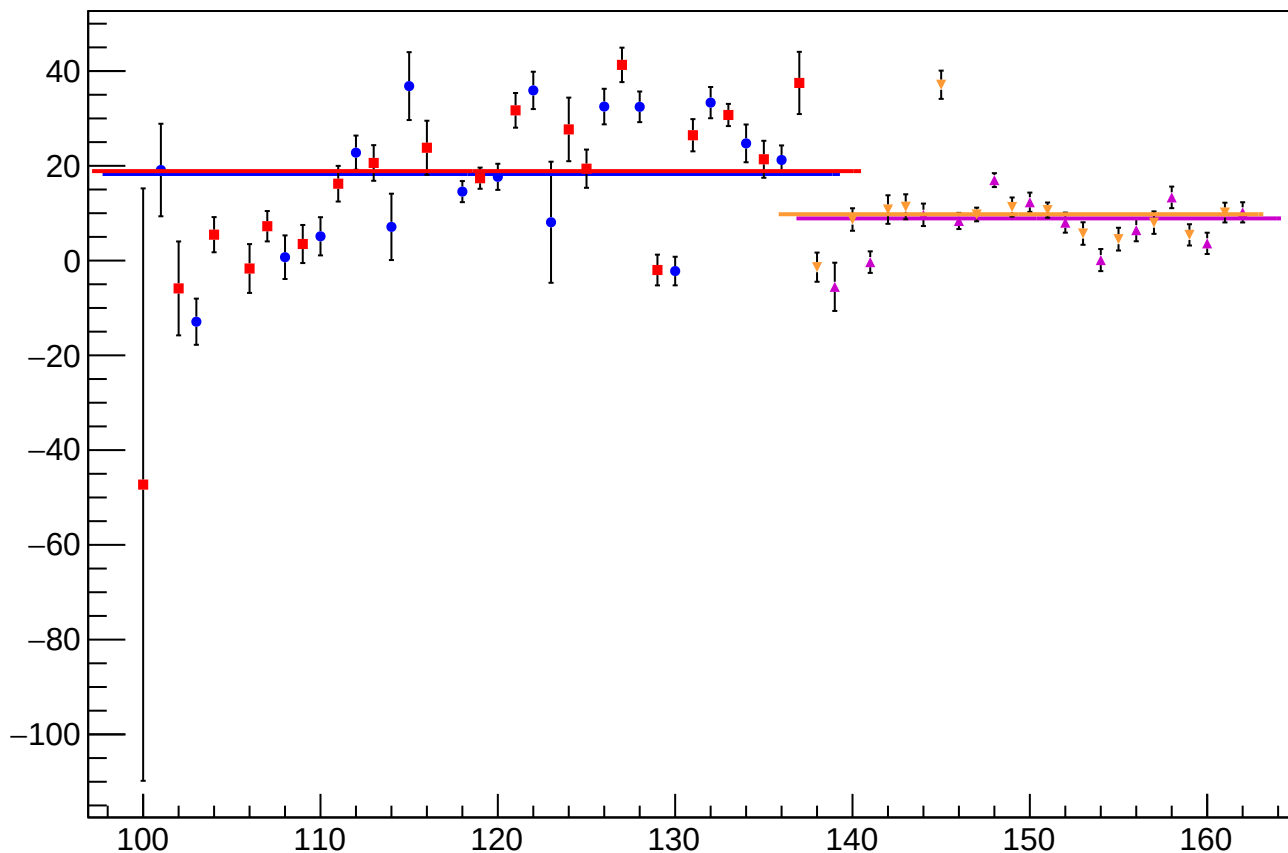
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -59.168 ± 0.896 $\chi^2/\text{NDF}: 580.8/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -55.647 ± 0.884 $\chi^2/\text{NDF}: 471.8/11$

Left: -57.385 ± 0.629 $\chi^2/\text{NDF}: 1060.4/24$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -55.647 ± 0.884 $\chi^2/\text{NDF}: 471.8/11$
 Out: -59.168 ± 0.896 $\chi^2/\text{NDF}: 580.8/12$

All: -57.385 ± 0.629 $\chi^2/\text{NDF}: 1060.4/24$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 9.781 $\pm$ 0.606 χ^2 /NDF:110.8/12

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

Left In: 8.903 $\pm$ 0.614 χ^2 /NDF:82.9/11

Left: 9.347 $\pm$ 0.431 χ^2 /NDF: 194.8/24

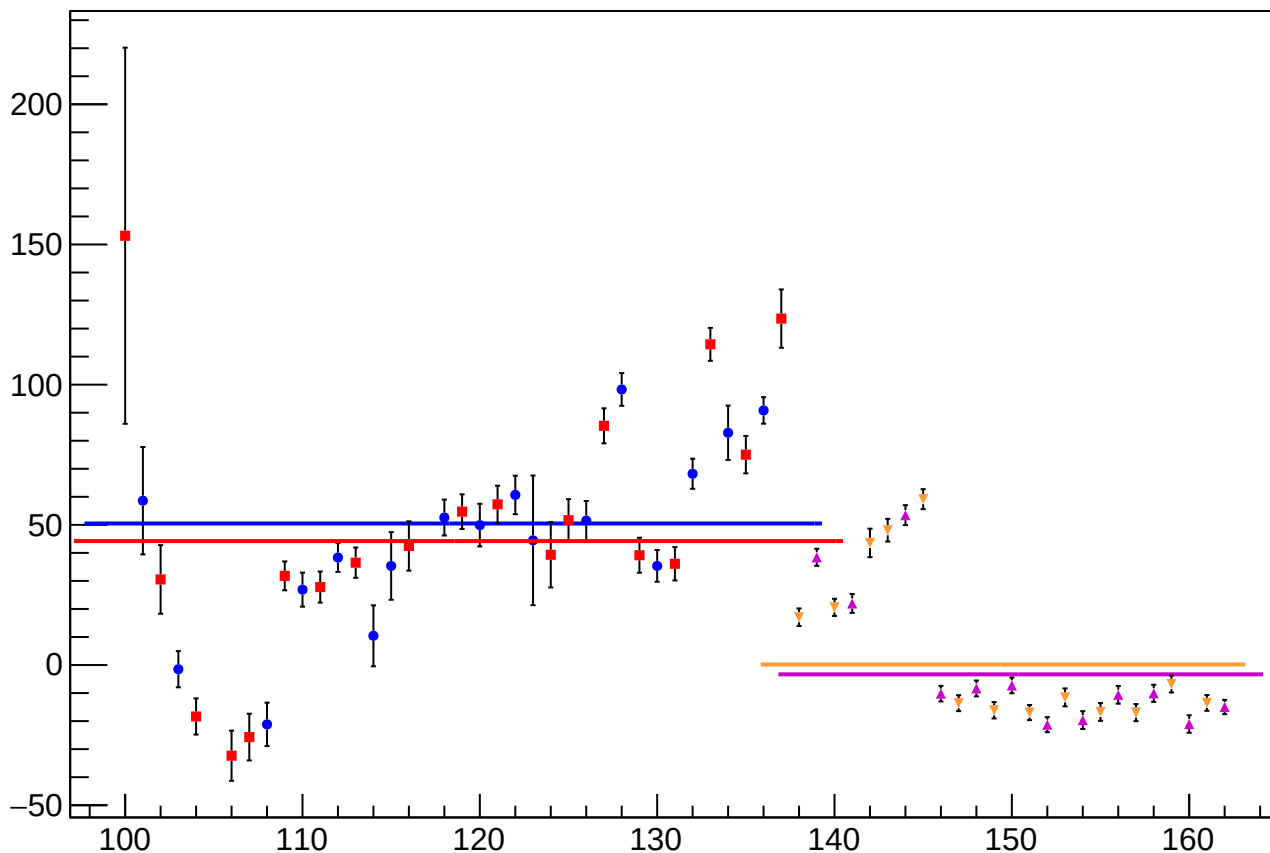
Right: 18.595 $\pm$ 0.625 χ^2 /NDF: 403.2/35

In: 11.854 $\pm$ 0.508 χ^2 /NDF:361.0/28

Out: 12.780 $\pm$ 0.496 χ^2 /NDF:383.6/31

All: 12.328 $\pm$ 0.355 χ^2 /NDF: 746.2/60

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 0.209 $\pm$ 0.875 χ^2 /NDF: 758.0/12

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

Left In: -3.313 $\pm$ 0.858 χ^2 /NDF: 645.3/11

Left: -1.588 $\pm$ 0.613 χ^2 /NDF: 1411.6/24

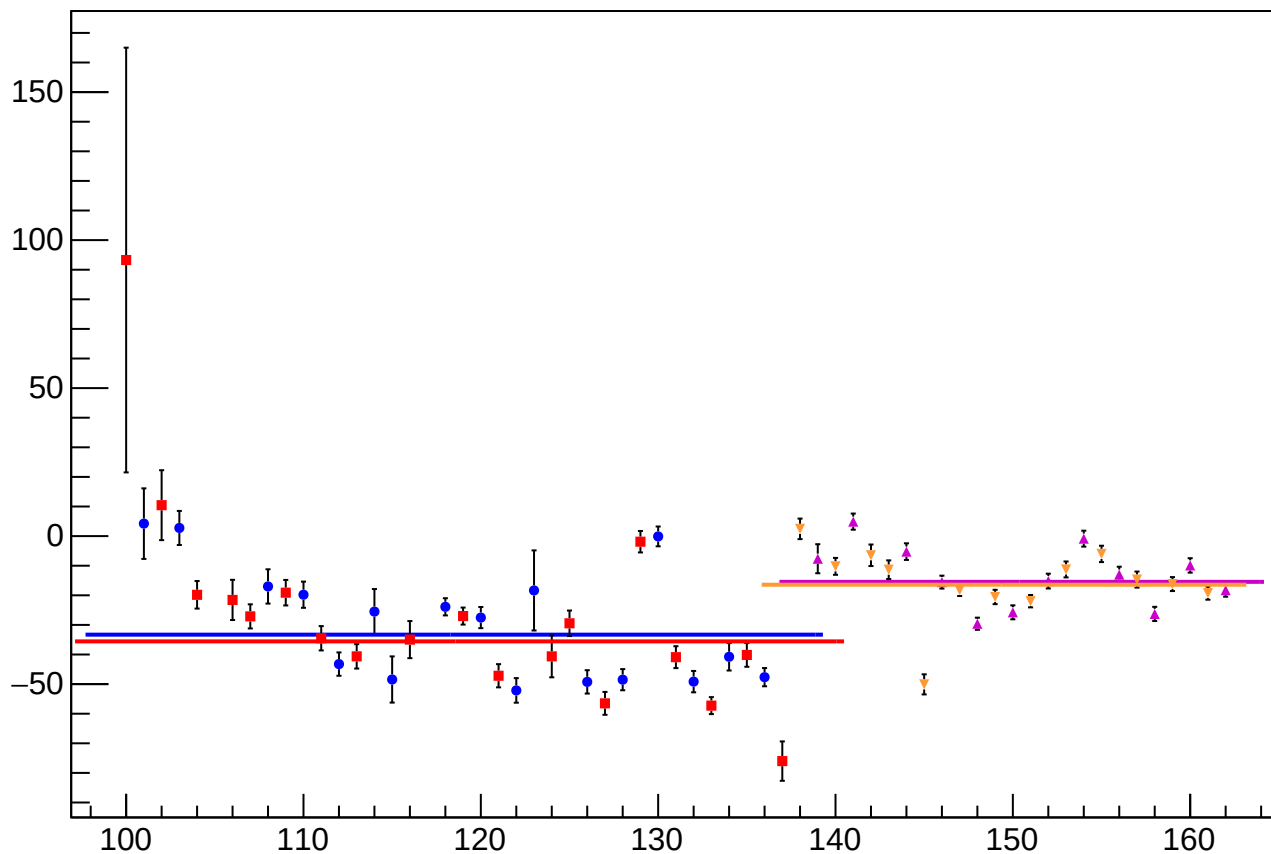
Right: 47.226 $\pm$ 1.156 χ^2 /NDF: 899.6/35

In: 7.940 $\pm$ 0.763 χ^2 /NDF: 1825.8/28

Out: 10.326 $\pm$ 0.768 χ^2 /NDF: 1873.3/31

All: 9.125 $\pm$ 0.541 χ^2 /NDF: 3704.0/60

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 $\chi^2/\text{NDF}: 289.1/16$

Left Out: -16.418 ± 0.724 $\chi^2/\text{NDF}: 173.3/12$

Right Out: -35.566 ± 0.992 $\chi^2/\text{NDF}: 287.6/18$

Left In: -15.448 ± 0.723 $\chi^2/\text{NDF}: 195.4/11$

Left: -15.932 ± 0.512 $\chi^2/\text{NDF}: 369.6/24$

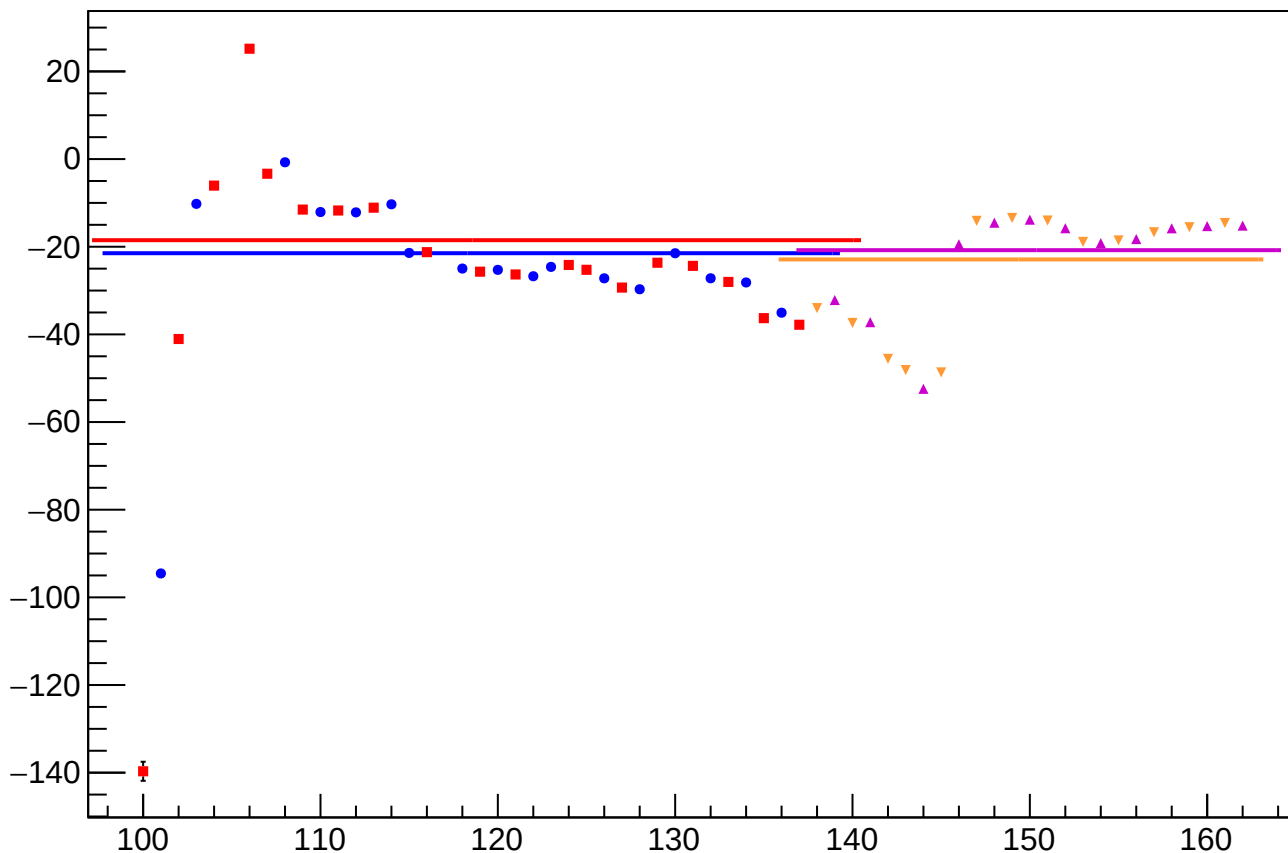
Right: -34.474 ± 0.716 $\chi^2/\text{NDF}: 579.3/35$

In: -21.314 ± 0.592 $\chi^2/\text{NDF}: 684.7/28$

Out: -23.068 ± 0.585 $\chi^2/\text{NDF}: 703.9/31$

All: -22.202 ± 0.416 $\chi^2/\text{NDF}: 1393.1/60$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -22.903 ± 0.034 χ^2/NDF : 123346.4/12

Right Out: -18.506 ± 0.057 χ^2/NDF : 80734.5/18

Left In: -20.787 ± 0.033 χ^2/NDF : 83946.9/11

Left: -21.820 ± 0.024 χ^2/NDF : 209259.6/24

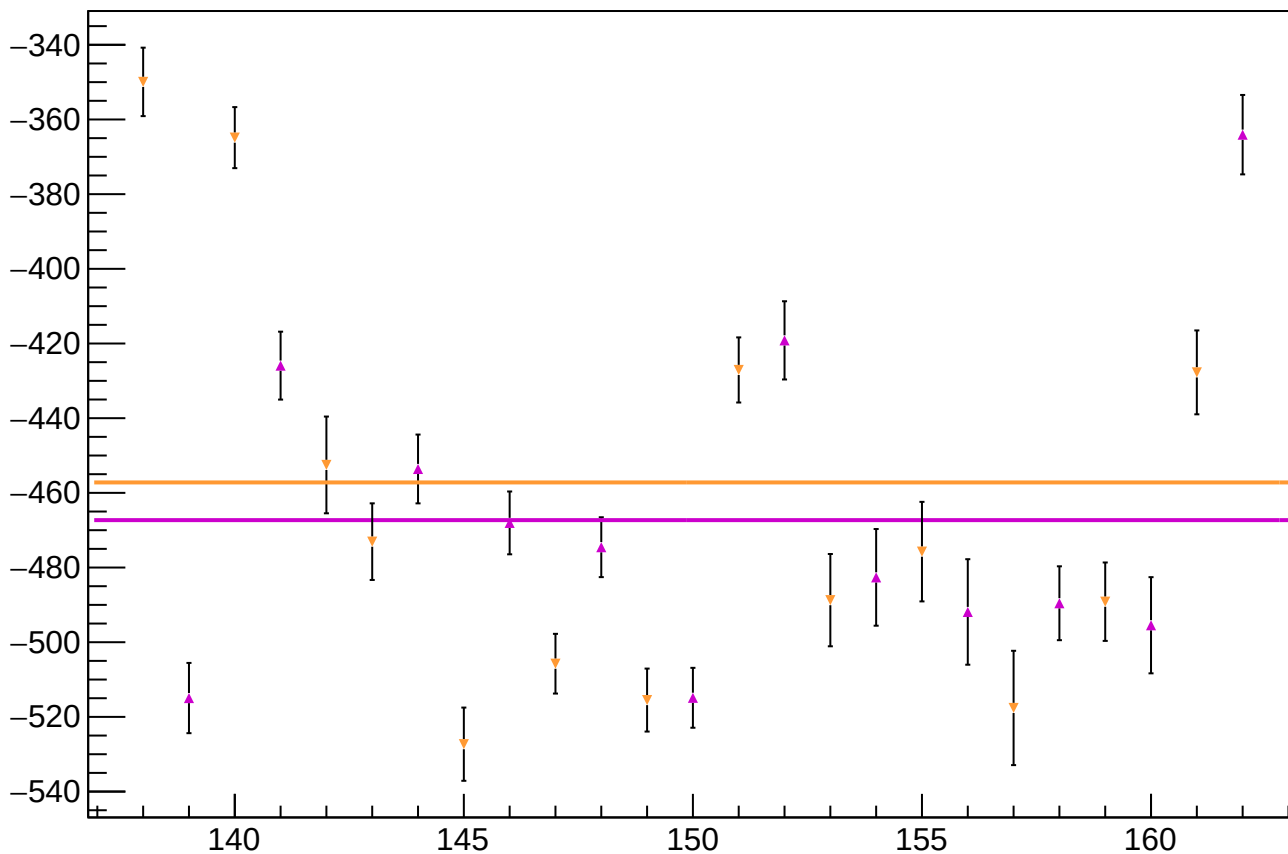
Right: -19.957 ± 0.041 χ^2/NDF : 131054.3/35

In: -20.955 ± 0.029 χ^2/NDF : 133061.1/28

Out: -21.753 ± 0.029 χ^2/NDF : 208420.4/31

All: -21.349 ± 0.021 χ^2/NDF : 341855.6/60

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -457.207+/-2.784 χ^2/NDF :454.9/12

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

Left In: -467.303+/-2.822 χ^2/NDF :214.2/11

Left: -462.187+/-1.982 χ^2/NDF : 675.6/24

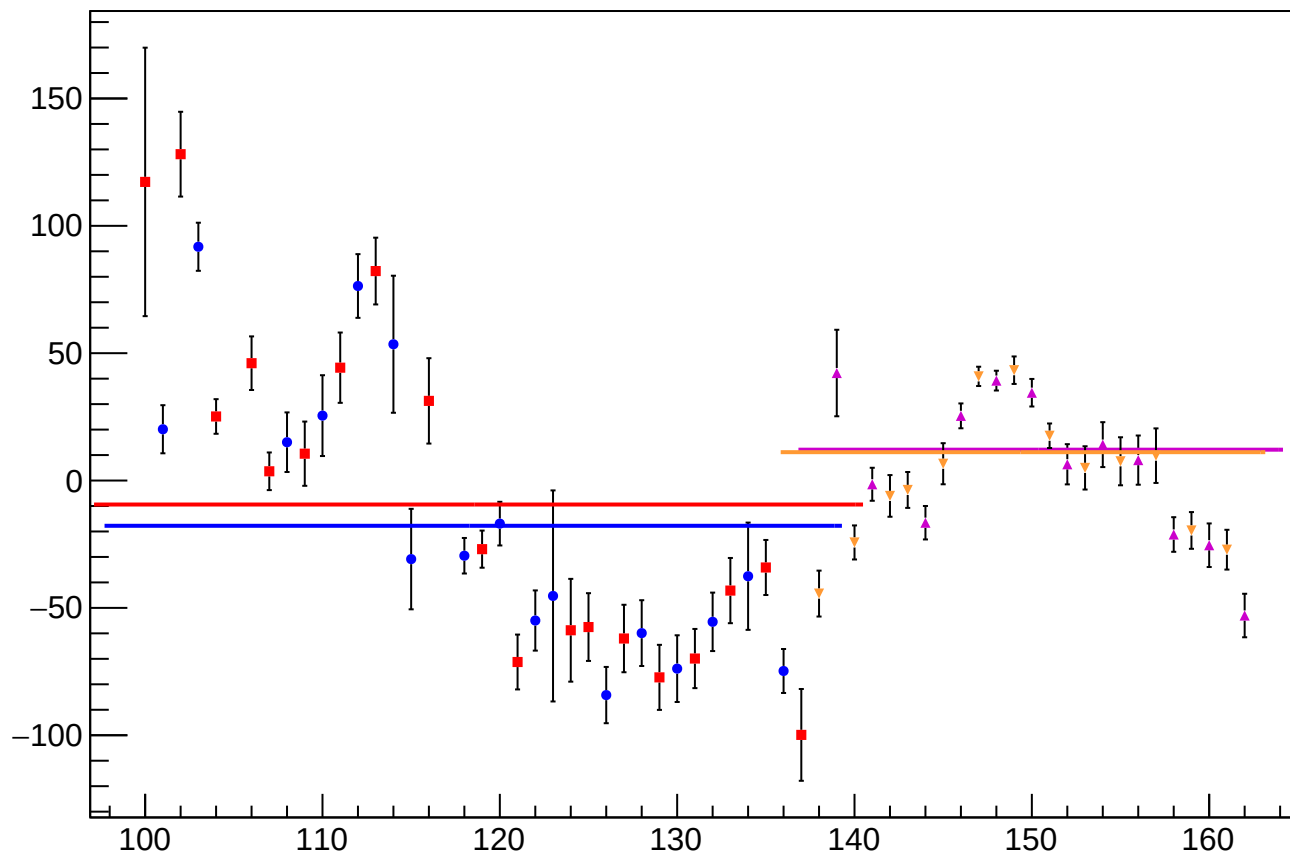
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.303+/-2.822 χ^2/NDF :214.2/11

Out: -457.207+/-2.784 χ^2/NDF :454.9/12

All: -462.187+/-1.982 χ^2/NDF : 675.6/24

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: 11.137 ± 1.820 $\chi^2/\text{NDF}: 217.2/12$

Right Out: -9.417 ± 2.613 $\chi^2/\text{NDF}: 369.6/18$

Left In: 12.114 ± 1.884 $\chi^2/\text{NDF}: 202.0/11$

Left: 11.608 ± 1.309 $\chi^2/\text{NDF}: 419.3/24$

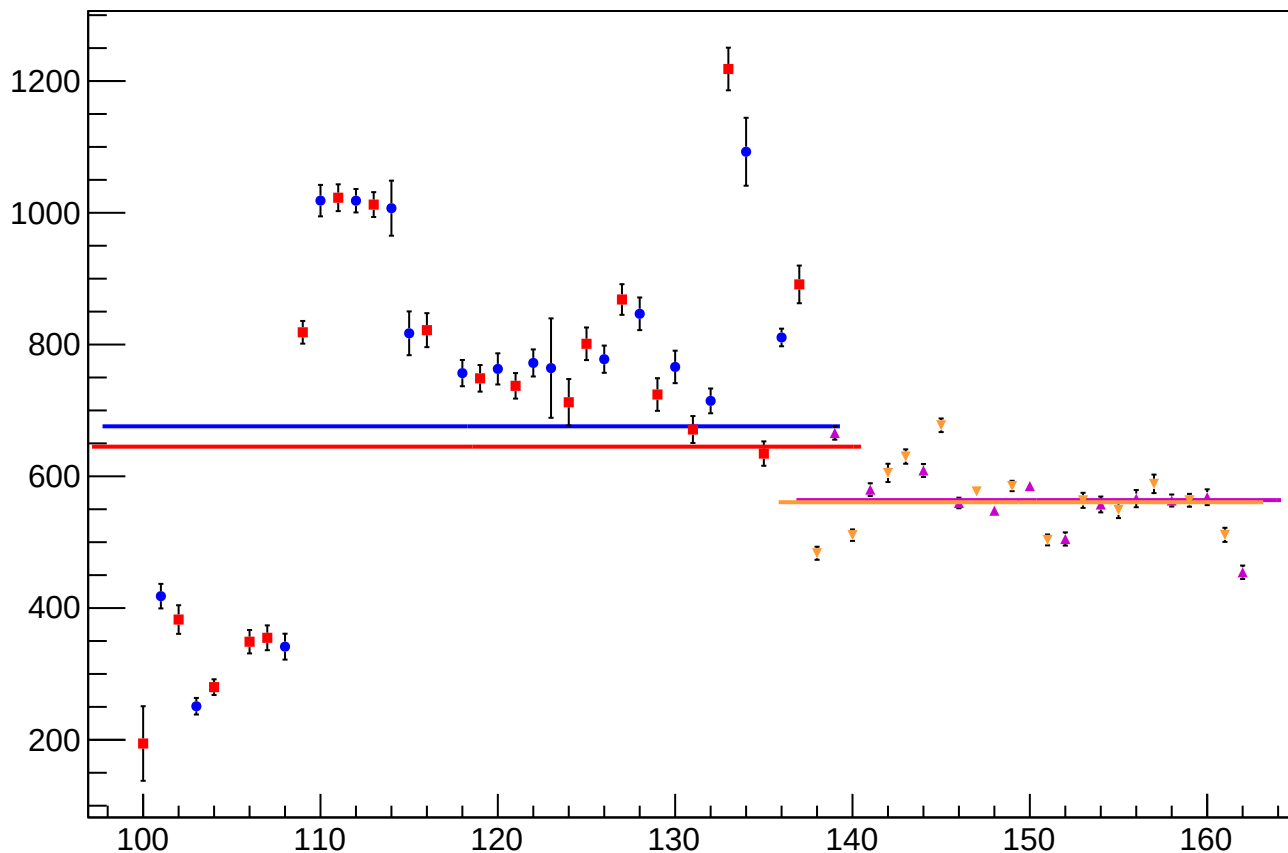
Right: -13.331 ± 1.905 $\chi^2/\text{NDF}: 738.2/35$

In: 2.715 ± 1.560 $\chi^2/\text{NDF}: 644.9/28$

Out: 4.422 ± 1.494 $\chi^2/\text{NDF}: 628.4/31$

All: 3.605 ± 1.079 $\chi^2/\text{NDF}: 1274.0/60$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 ± 5.037 $\chi^2/\text{NDF}: 2586.4/16$

Left Out: 560.691 ± 2.741 $\chi^2/\text{NDF}: 360.1/12$

Right Out: 645.014 ± 4.761 $\chi^2/\text{NDF}: 3123.3/18$

Left In: 563.893 ± 2.745 $\chi^2/\text{NDF}: 286.3/11$

Left: 562.290 ± 1.939 $\chi^2/\text{NDF}: 647.1/24$

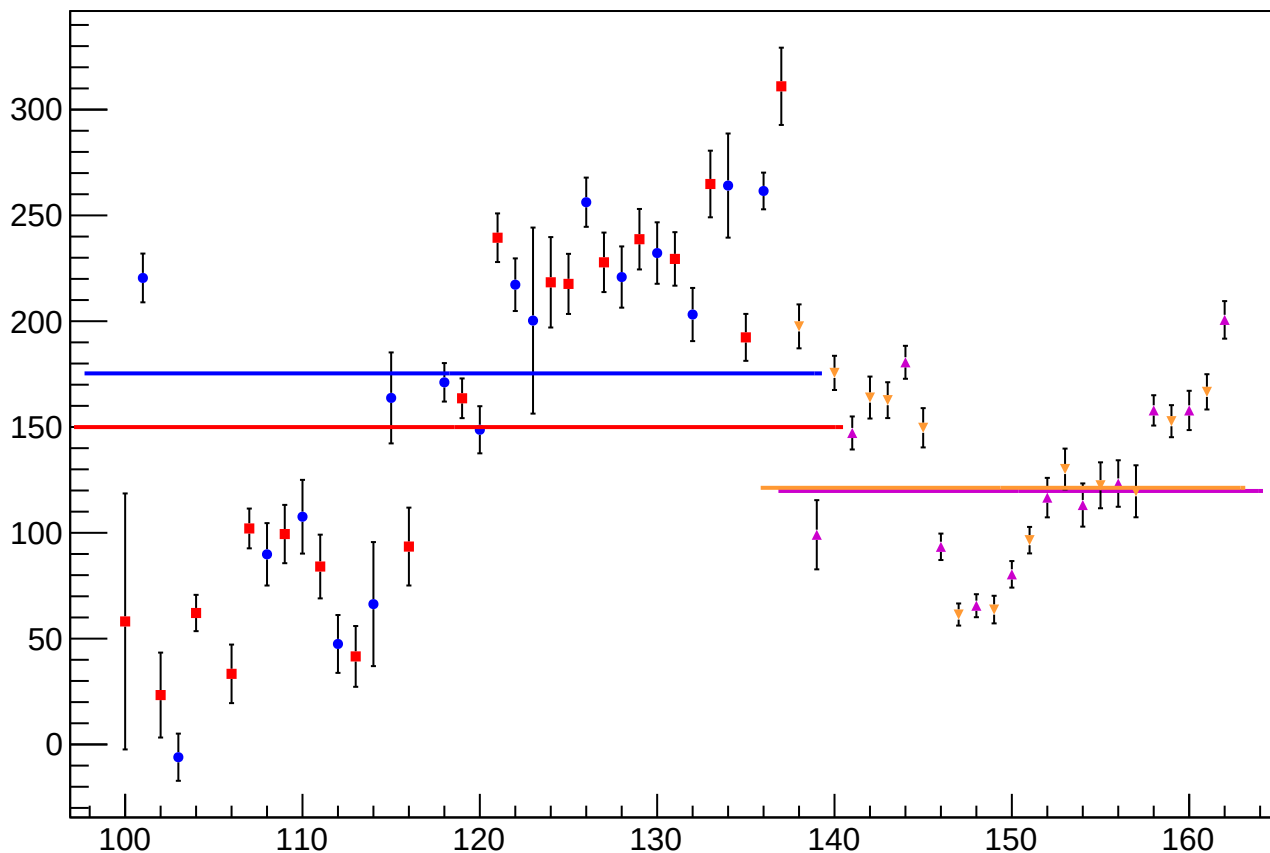
Right: 659.573 ± 3.460 $\chi^2/\text{NDF}: 5729.5/35$

In: 589.527 ± 2.410 $\chi^2/\text{NDF}: 3253.8/28$

Out: 581.680 ± 2.375 $\chi^2/\text{NDF}: 3719.0/31$

All: 585.547 ± 1.692 $\chi^2/\text{NDF}: 6978.1/60$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 121.273 $\pm$ 2.216 χ^2 /NDF:423.3/12

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

Left In: 119.783 $\pm$ 2.266 χ^2 /NDF:360.4/11

Left: 120.545 $\pm$ 1.585 χ^2 /NDF: 783.9/24

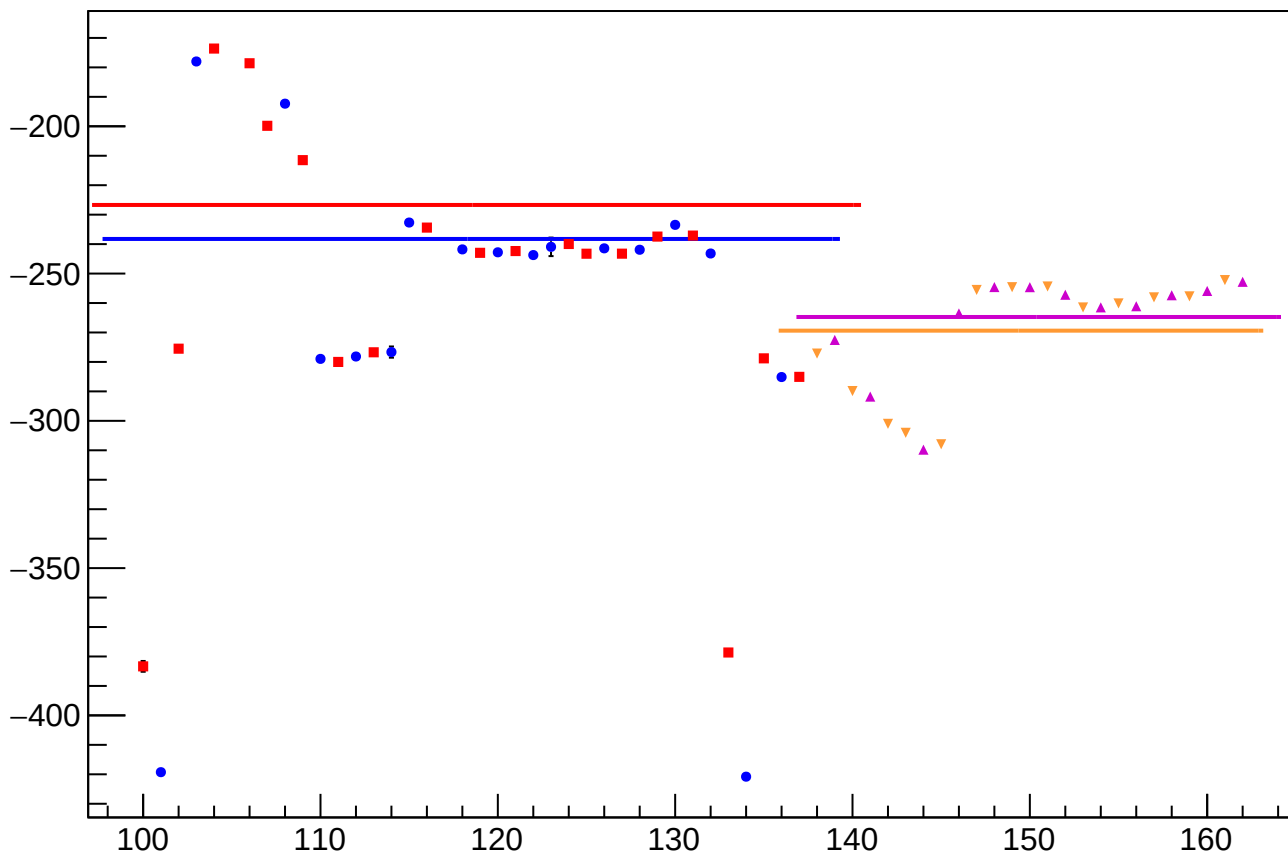
Right: 162.013 $\pm$ 2.207 χ^2 /NDF: 1364.6/35

In: 138.321 $\pm$ 1.850 χ^2 /NDF:1199.3/28

Out: 131.209 $\pm$ 1.792 χ^2 /NDF:1174.5/31

All: 134.652 $\pm$ 1.287 χ^2 /NDF: 2381.5/60

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -269.381+/-0.110 χ^2/NDF :31159.6/12

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

Left In: -264.740+/-0.109 χ^2/NDF :20455.2/11

Left: -267.034+/-0.078 χ^2/NDF : 52510.8/24

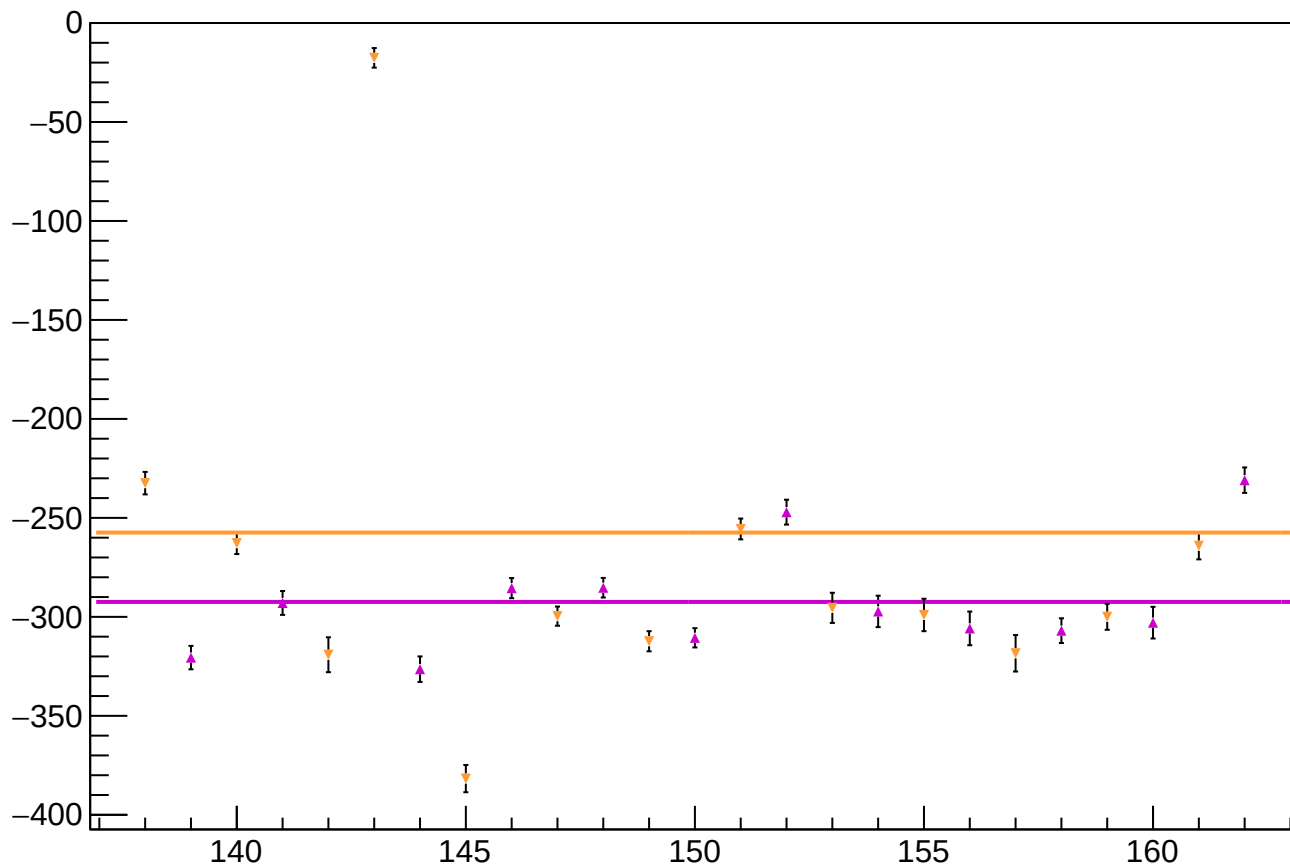
Right: -232.150+/-0.110 χ^2/NDF : 272709.4/35

In: -256.334+/-0.090 χ^2/NDF :206315.6/28

Out: -254.550+/-0.089 χ^2/NDF :186036.7/31

All: -255.432+/-0.063 χ^2/NDF : 392550.7/60

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: -257.418 ± 1.703 χ^2/NDF : 3075.8/12

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -292.456 ± 1.762 χ^2/NDF : 221.7/11

Left: -274.338 ± 1.224 χ^2/NDF : 3502.0/24

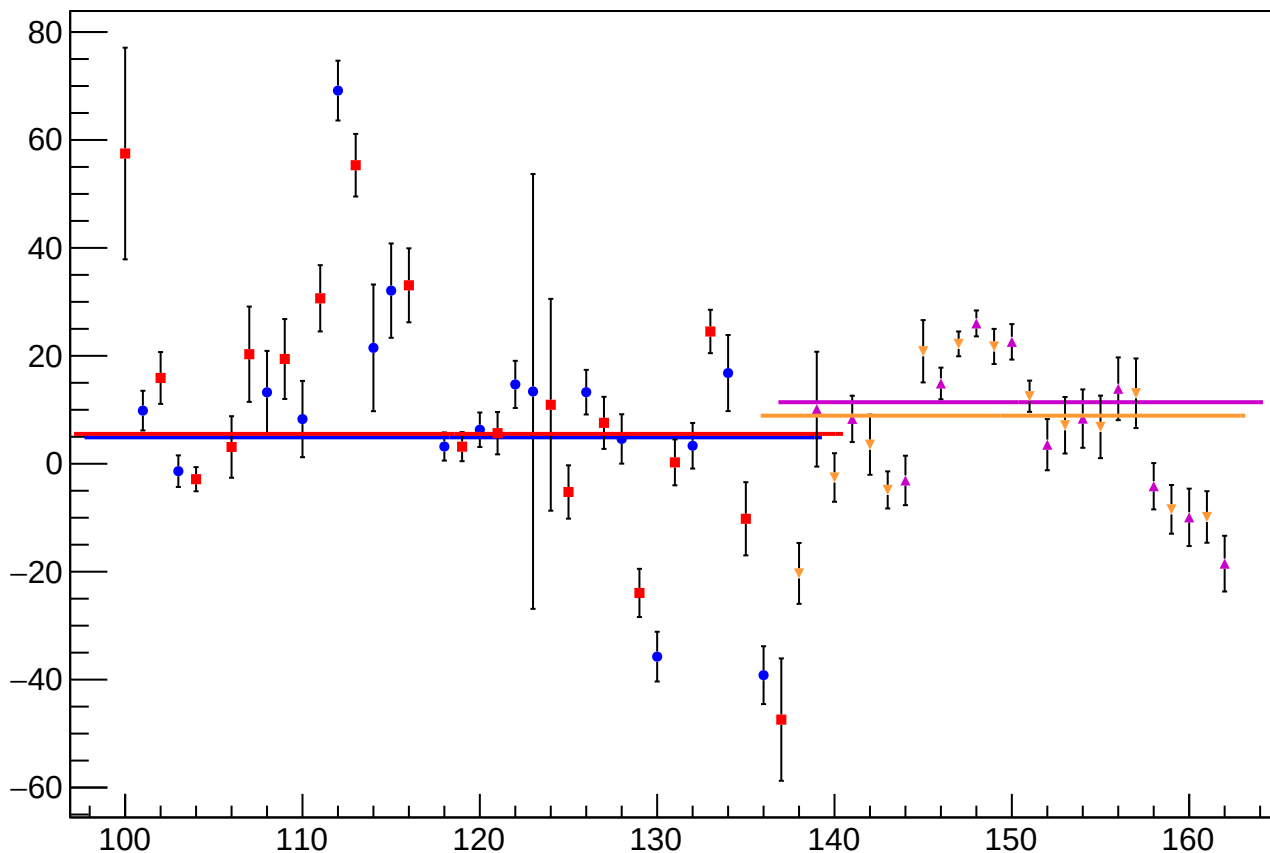
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -292.456 ± 1.762 χ^2/NDF : 221.7/11

Out: -257.418 ± 1.703 χ^2/NDF : 3075.8/12

All: -274.338 ± 1.224 χ^2/NDF : 3502.0/24

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 $\pm$ 1.089 χ^2/NDF : 312.0/16

Left Out: 8.911 $\pm$ 1.108 χ^2/NDF :136.1/12

Right Out: 5.534 $\pm$ 1.071 χ^2/NDF : 239.1/18

Left In: 11.407 $\pm$ 1.172 χ^2/NDF :126.6/11

Left: 10.089 $\pm$ 0.805 χ^2/NDF : 265.1/24

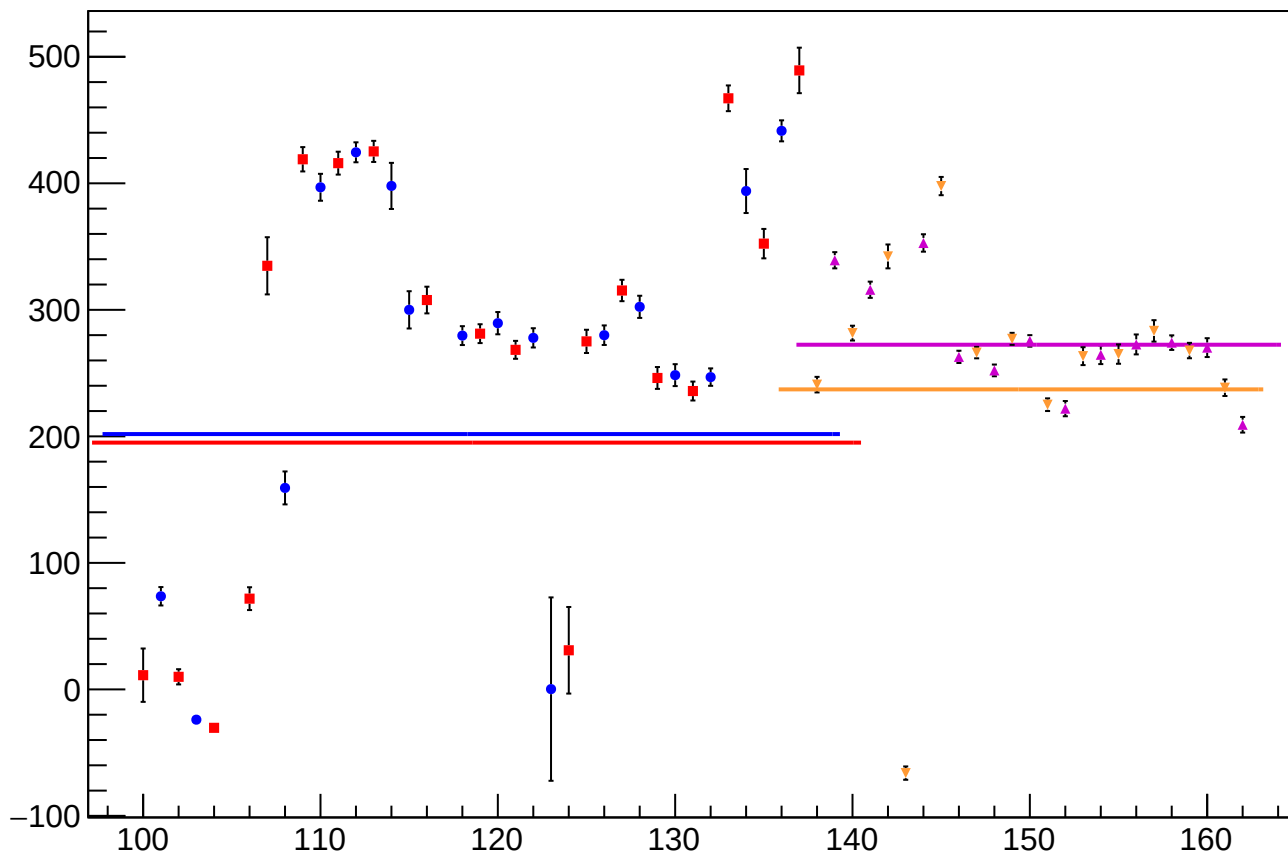
Right: 5.220 $\pm$ 0.764 χ^2/NDF : 551.3/35

In: 7.914 $\pm$ 0.798 χ^2/NDF :455.1/28

Out: 7.166 $\pm$ 0.770 χ^2/NDF :380.0/31

All: 7.526 $\pm$ 0.554 χ^2/NDF : 835.6/60

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 237.131 $\pm$ 1.675 χ^2 /NDF: 4176.6/12

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

Left In: 272.426 $\pm$ 1.708 χ^2 /NDF: 490.3/11

Left: 254.438 $\pm$ 1.196 χ^2 /NDF: 4884.6/24

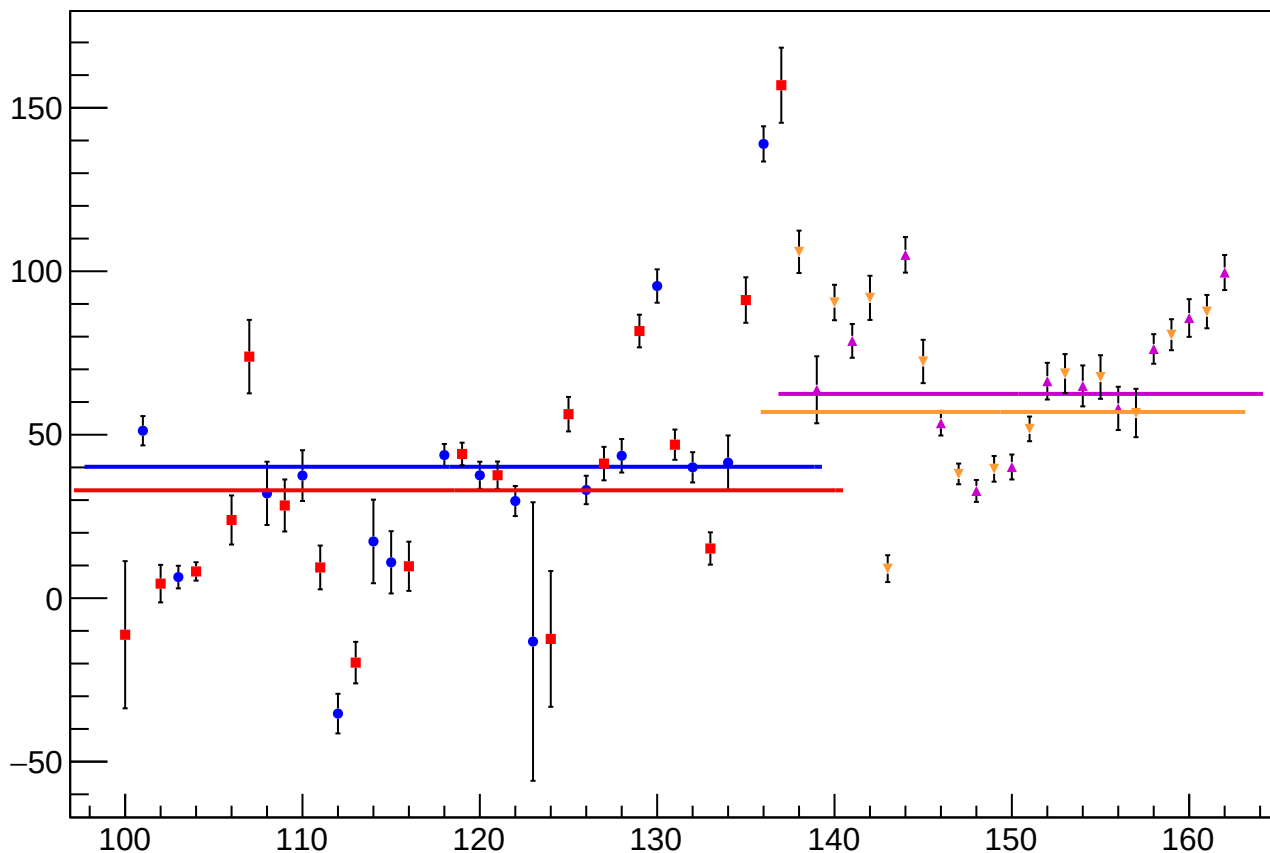
Right: 198.351 $\pm$ 1.377 χ^2 /NDF: 15017.4/35

In: 242.136 $\pm$ 1.291 χ^2 /NDF: 7978.0/28

Out: 218.993 $\pm$ 1.263 χ^2 /NDF: 12705.7/31

All: 230.320 $\pm$ 0.903 χ^2 /NDF: 20847.9/60

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 56.962 $\pm$ 1.350 χ^2 /NDF:388.2/12

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

Left In: 62.486 $\pm$ 1.411 χ^2 /NDF:263.6/11

Left: 59.602 $\pm$ 0.975 χ^2 /NDF: 659.8/24

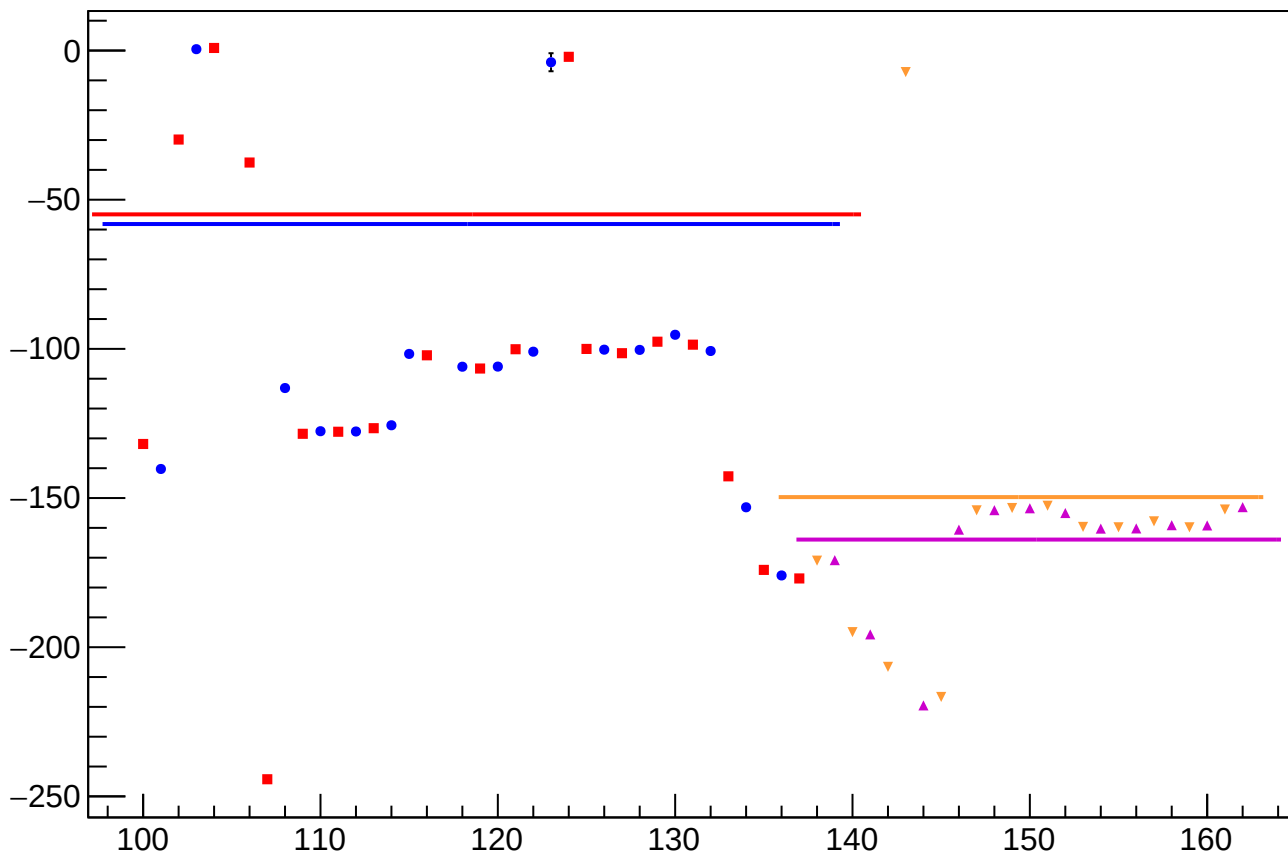
Right: 36.555 $\pm$ 0.891 χ^2 /NDF: 1305.3/35

In: 50.152 $\pm$ 0.943 χ^2 /NDF:1136.6/28

Out: 44.082 $\pm$ 0.918 χ^2 /NDF:1111.6/31

All: 47.037 $\pm$ 0.658 χ^2 /NDF: 2269.5/60

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -149.685 ± 0.067 $\chi^2/\text{NDF}: 578891.2/12$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

Left In: -163.922 ± 0.068 $\chi^2/\text{NDF}: 60043.6/11$

Left: -156.758 ± 0.048 $\chi^2/\text{NDF}: 661135.6/24$

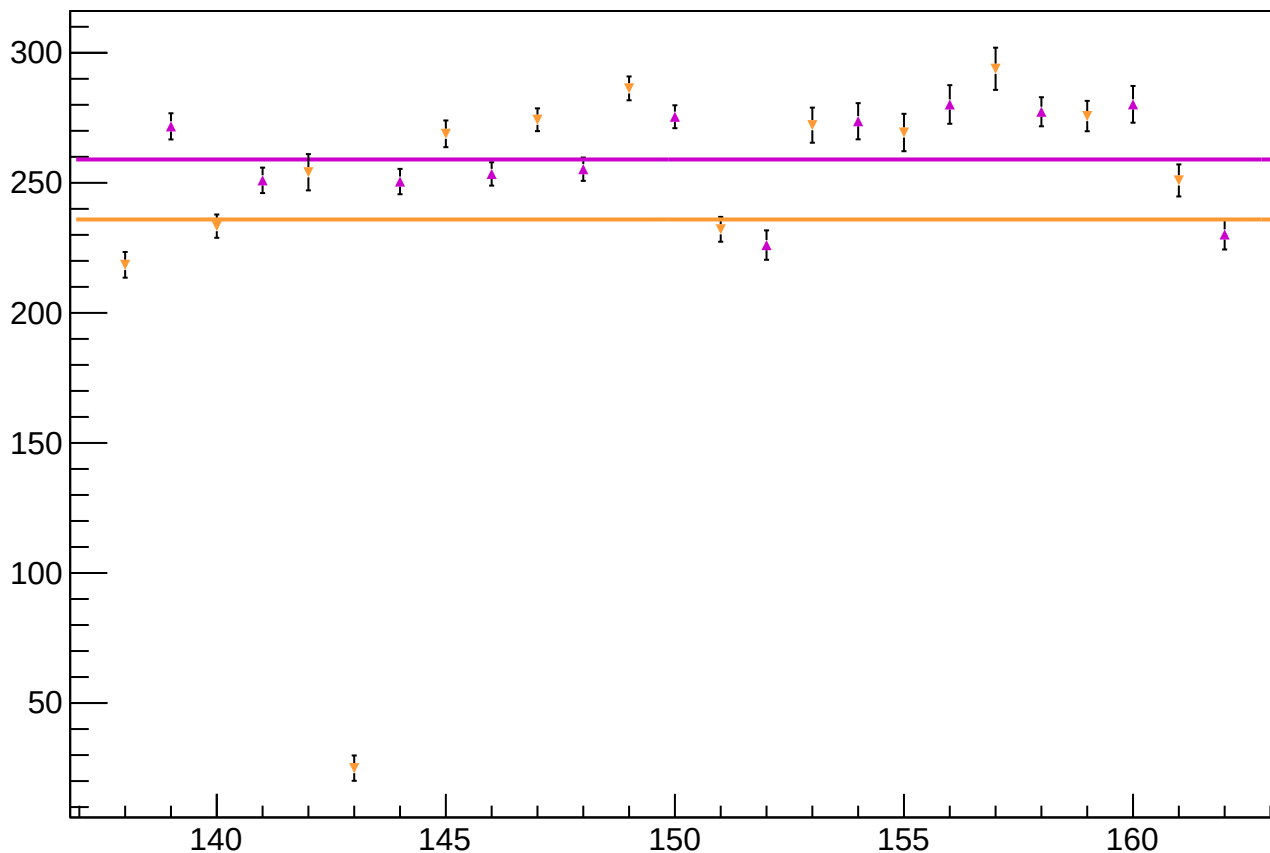
Right: -56.499 ± 0.043 $\chi^2/\text{NDF}: 2110811.0/35$

In: -105.979 ± 0.046 $\chi^2/\text{NDF}: 2499690.0/28$

Out: -97.018 ± 0.045 $\chi^2/\text{NDF}: 2683063.1/31$

All: -101.431 ± 0.032 $\chi^2/\text{NDF}: 5202372.4/60$

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: 235.923+/-1.495 χ^2/NDF :2288.6/12

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

Left In: 258.986+/-1.531 χ^2/NDF :119.6/11

Left: 247.179+/-1.070 χ^2/NDF : 2524.3/24

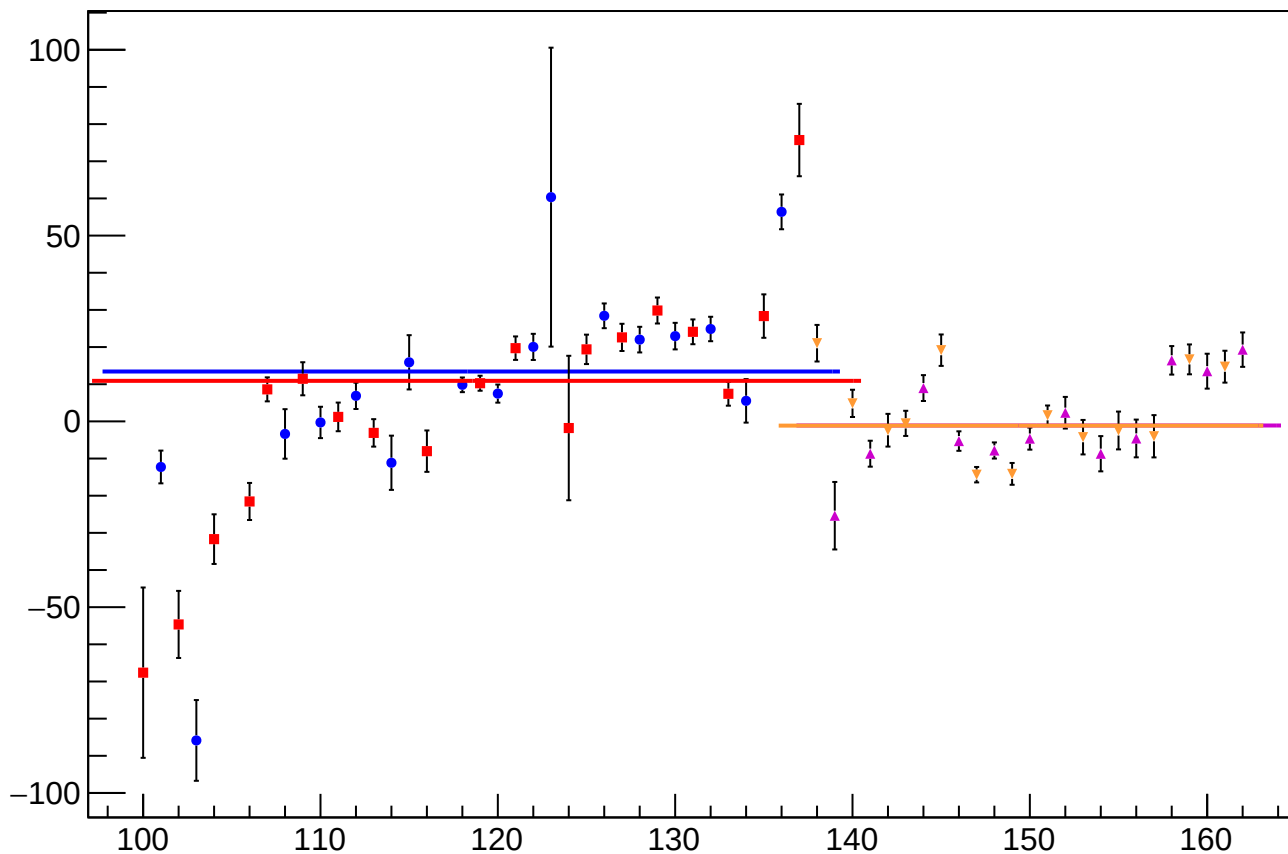
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.986+/-1.531 χ^2/NDF :119.6/11

Out: 235.923+/-1.495 χ^2/NDF :2288.6/12

All: 247.179+/-1.070 χ^2/NDF : 2524.3/24

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423 ± 0.920 $\chi^2/\text{NDF}: 295.2/16$

Left Out: -1.141 ± 0.983 $\chi^2/\text{NDF}: 141.3/12$

Right Out: 10.908 ± 0.916 $\chi^2/\text{NDF}: 302.6/18$

Left In: -1.107 ± 1.028 $\chi^2/\text{NDF}: 87.5/11$

Left: -1.125 ± 0.711 $\chi^2/\text{NDF}: 228.8/24$

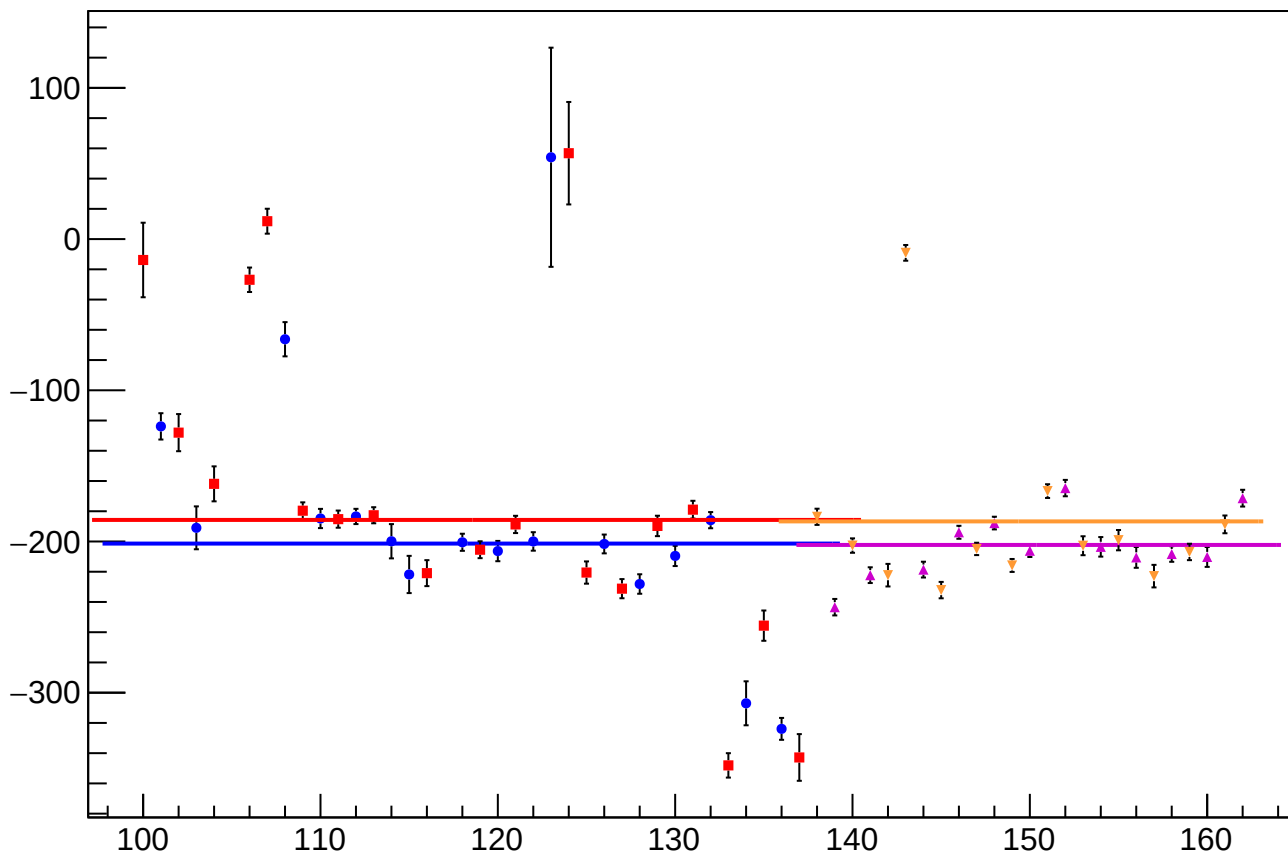
Right: 12.160 ± 0.649 $\chi^2/\text{NDF}: 601.6/35$

In: 6.966 ± 0.685 $\chi^2/\text{NDF}: 493.7/28$

Out: 5.308 ± 0.670 $\chi^2/\text{NDF}: 524.3/31$

All: 6.118 ± 0.479 $\chi^2/\text{NDF}: 1021.0/60$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -186.711 ± 1.476 χ^2/NDF : 1404.5/12

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

Left In: -202.282 ± 1.491 χ^2/NDF : 181.7/11

Left: -194.415 ± 1.049 χ^2/NDF : 1641.3/24

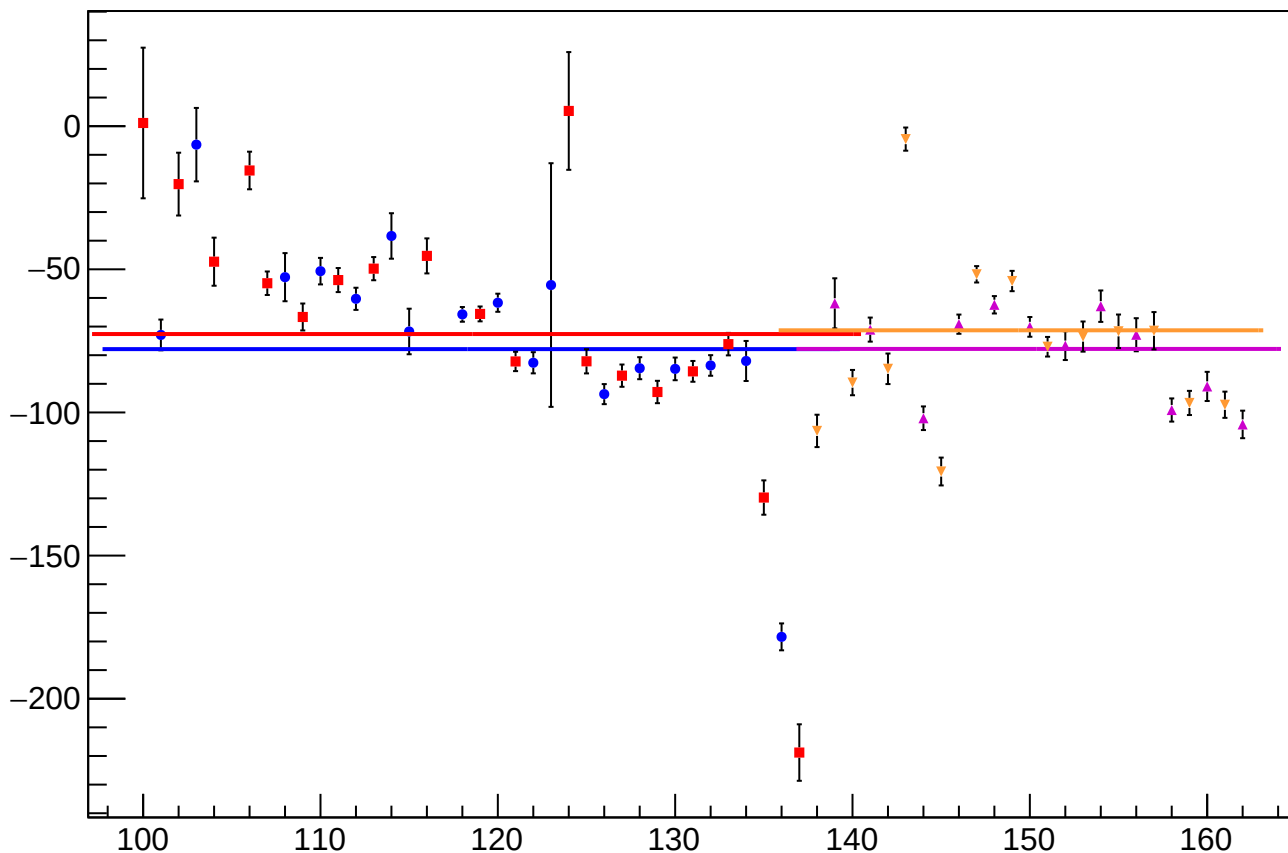
Right: -193.204 ± 1.229 χ^2/NDF : 2413.2/35

In: -201.911 ± 1.143 χ^2/NDF : 805.4/28

Out: -186.293 ± 1.114 χ^2/NDF : 3154.0/31

All: -193.905 ± 0.798 χ^2/NDF : 4055.1/60

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -71.307 ± 1.195 χ^2/NDF : 579.1/12

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

Left In: -77.810 ± 1.235 χ^2/NDF : 150.4/11

Left: -74.451 ± 0.859 χ^2/NDF : 743.8/24

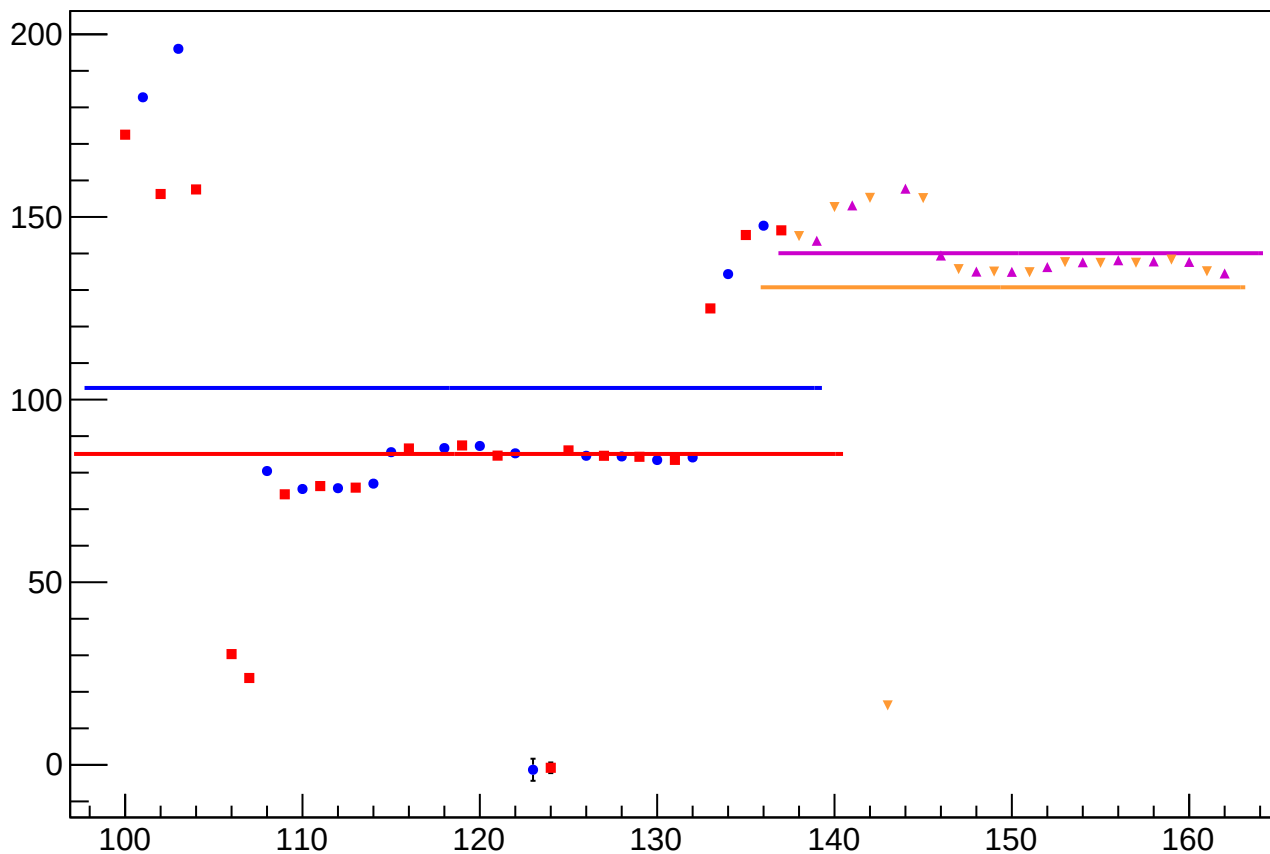
Right: -75.215 ± 0.749 χ^2/NDF : 1277.4/35

In: -77.848 ± 0.807 χ^2/NDF : 808.5/28

Out: -72.041 ± 0.790 χ^2/NDF : 1186.6/31

All: -74.885 ± 0.565 χ^2/NDF : 2021.6/60

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 130.746 $\pm$ 0.059 χ^2 /NDF: 344326.1/12

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

Left In: 140.074 $\pm$ 0.059 χ^2 /NDF: 13198.0/11

Left: 135.415 $\pm$ 0.042 χ^2 /NDF: 369917.1/24

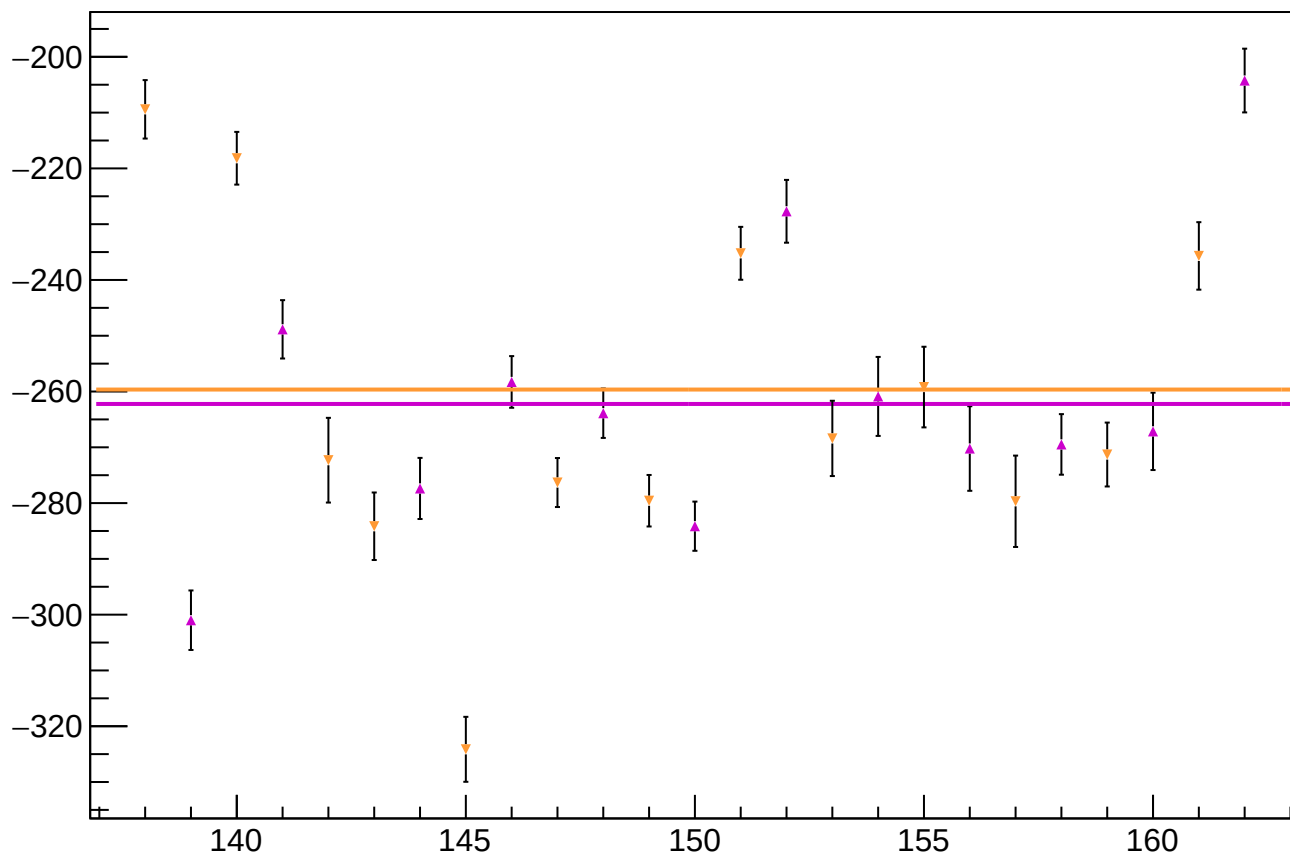
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733347.5/35

In: 124.772 $\pm$ 0.045 χ^2 /NDF: 447727.2/28

Out: 109.583 $\pm$ 0.043 χ^2 /NDF: 1042675.6/31

All: 116.853 $\pm$ 0.031 χ^2 /NDF: 1549026.1/60

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: -259.645+/-1.557 χ^2/NDF : 397.8/12

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

Left In: -262.229+/-1.565 χ^2/NDF : 236.6/11

Left: -260.930+/-1.104 χ^2/NDF : 635.8/24

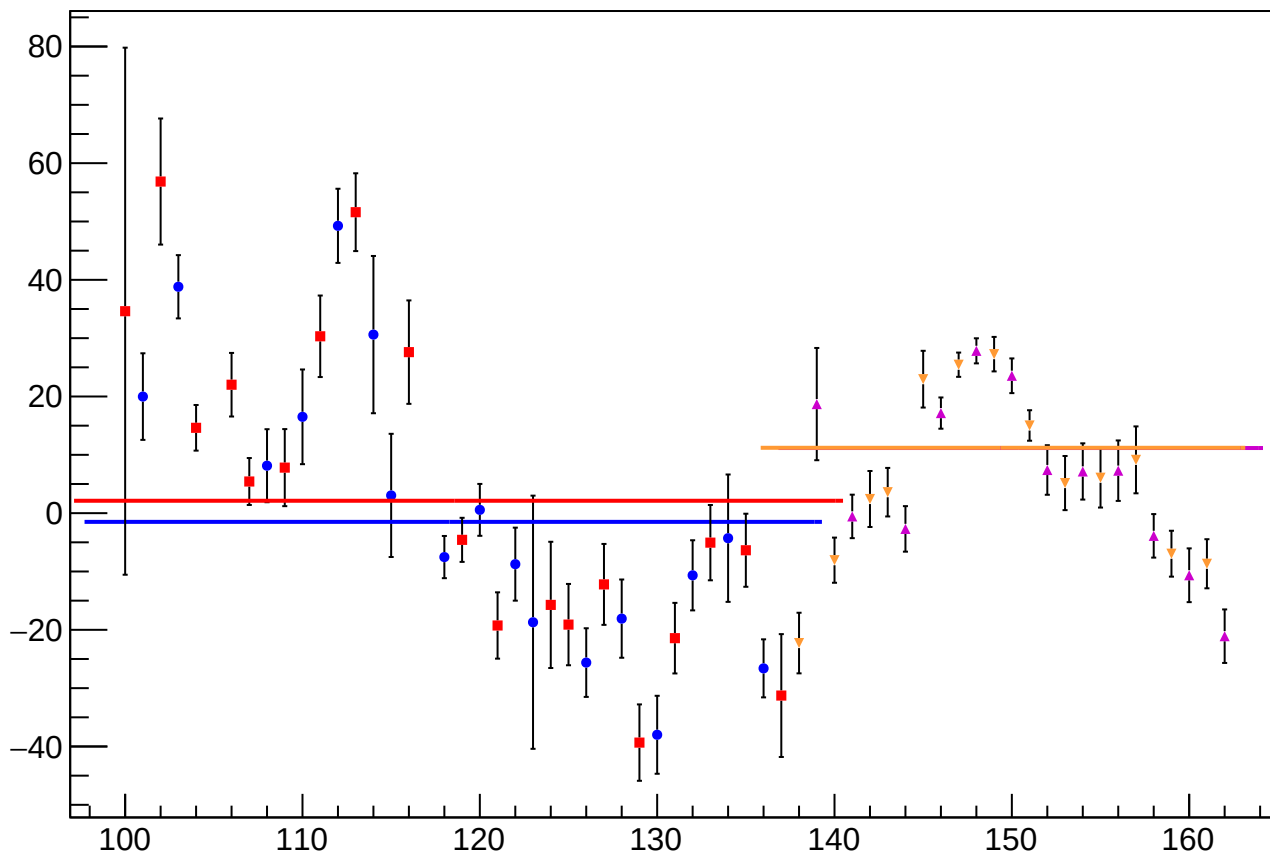
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.229+/-1.565 χ^2/NDF : 236.6/11

Out: -259.645+/-1.557 χ^2/NDF : 397.8/12

All: -260.930+/-1.104 χ^2/NDF : 635.8/24

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: 11.207 ± 1.013 χ^2/NDF : 203.7/12

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

Left In: 11.166 ± 1.043 χ^2/NDF : 195.7/11

Left: 11.187 ± 0.727 χ^2/NDF : 399.4/24

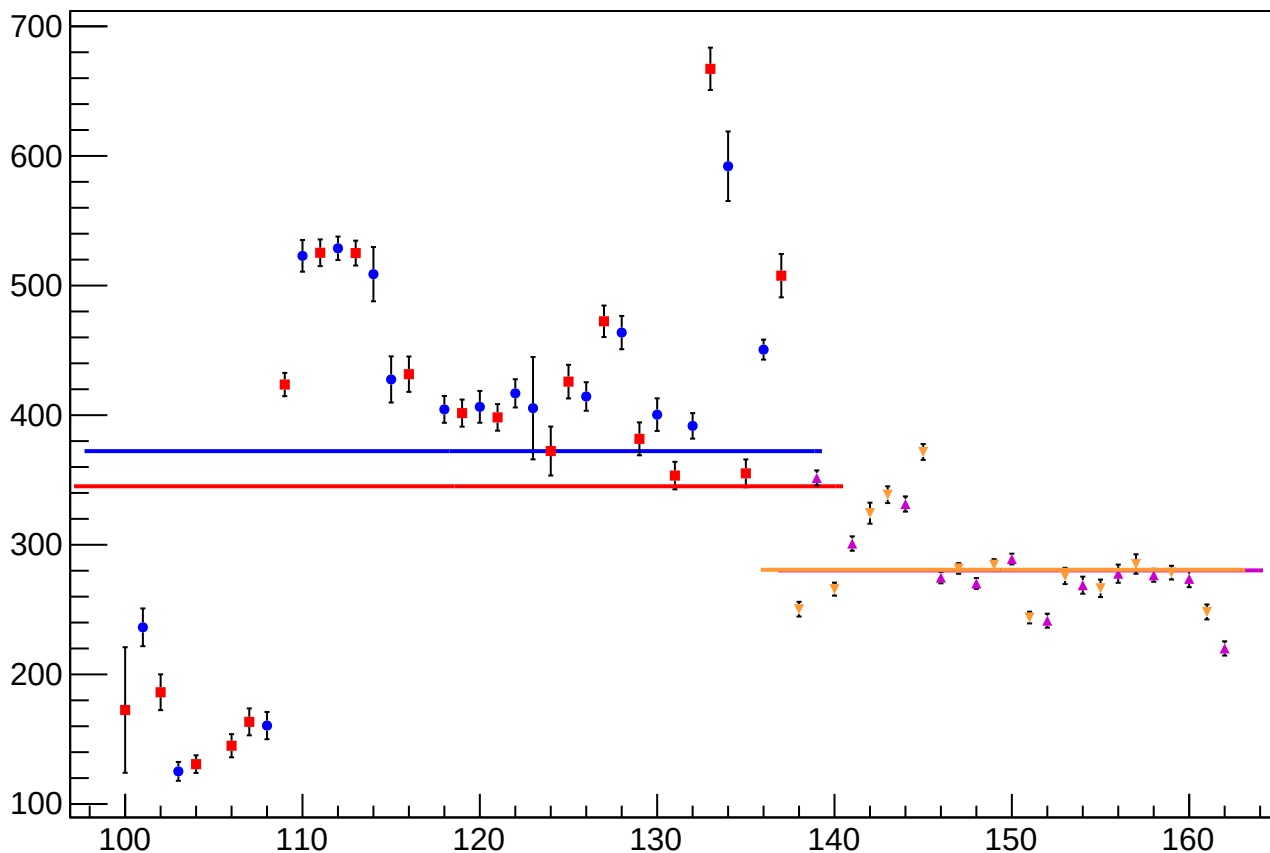
Right: 0.455 ± 1.029 χ^2/NDF : 461.8/35

In: 7.090 ± 0.859 χ^2/NDF : 469.3/28

Out: 8.094 ± 0.821 χ^2/NDF : 463.9/31

All: 7.615 ± 0.593 χ^2/NDF : 933.9/60

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 280.723+/-1.526 χ^2/NDF : 473.0/12

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

Left In: 280.245+/-1.518 χ^2/NDF : 431.2/11

Left: 280.483+/-1.076 χ^2/NDF : 904.3/24

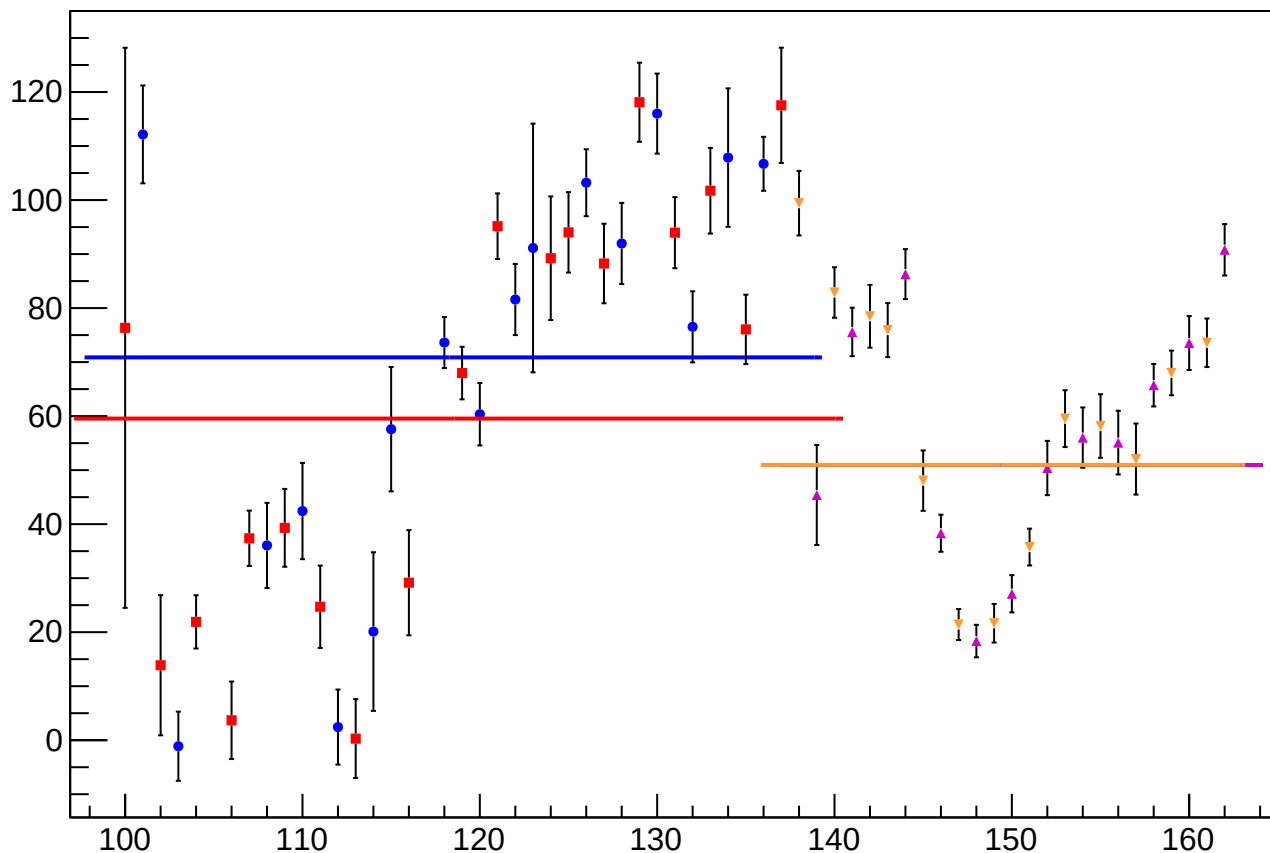
Right: 357.695+/-1.878 χ^2/NDF : 5901.5/35

In: 301.623+/-1.330 χ^2/NDF : 3717.9/28

Out: 297.597+/-1.311 χ^2/NDF : 4356.0/31

All: 299.582+/-0.934 χ^2/NDF : 8078.6/60

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 50.970 $\pm$ 1.233 χ^2 /NDF: 399.7/12

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

Left In: 50.948 $\pm$ 1.253 χ^2 /NDF: 373.3/11

Left: 50.959 $\pm$ 0.879 χ^2 /NDF: 772.9/24

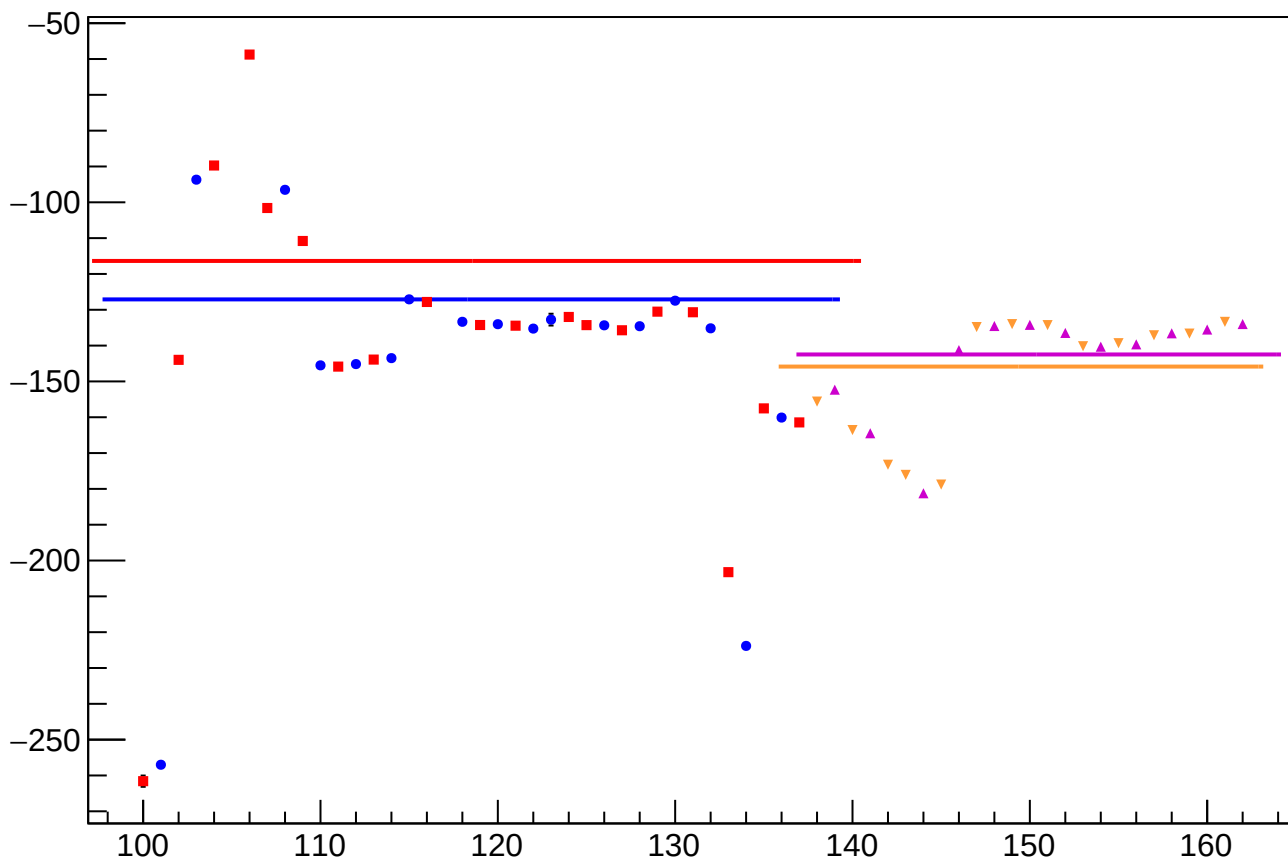
Right: 64.838 $\pm$ 1.192 χ^2 /NDF: 940.3/35

In: 57.738 $\pm$ 1.018 χ^2 /NDF: 886.3/28

Out: 54.085 $\pm$ 0.984 χ^2 /NDF: 908.1/31

All: 55.850 $\pm$ 0.707 χ^2 /NDF: 1801.1/60

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -145.857+/-0.061 χ^2/NDF : 66664.4/12

Right Out: -116.369+/-0.083 χ^2/NDF : 167595.6/18

Left In: -142.476+/-0.060 χ^2/NDF : 43452.7/11

Left: -144.136+/-0.043 χ^2/NDF : 111664.6/24

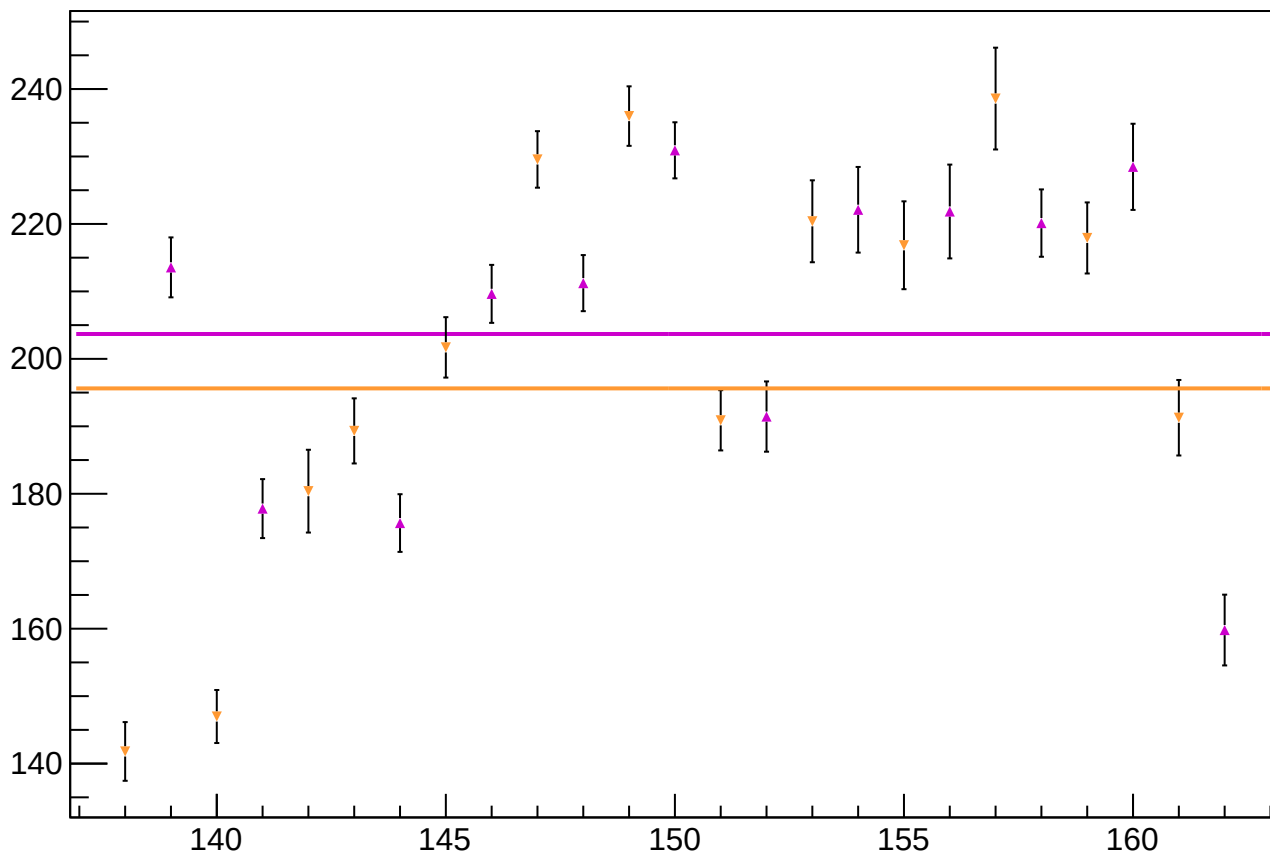
Right: -121.332+/-0.061 χ^2/NDF : 342408.2/35

In: -137.682+/-0.050 χ^2/NDF : 230845.0/28

Out: -135.432+/-0.049 χ^2/NDF : 316010.9/31

All: -136.543+/-0.035 χ^2/NDF : 547883.2/60

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: 195.621+/-1.372 χ^2/NDF :544.5/12

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

Left In: 203.686+/-1.399 χ^2/NDF :247.7/11

Left: 199.573+/-0.979 χ^2/NDF : 809.1/24

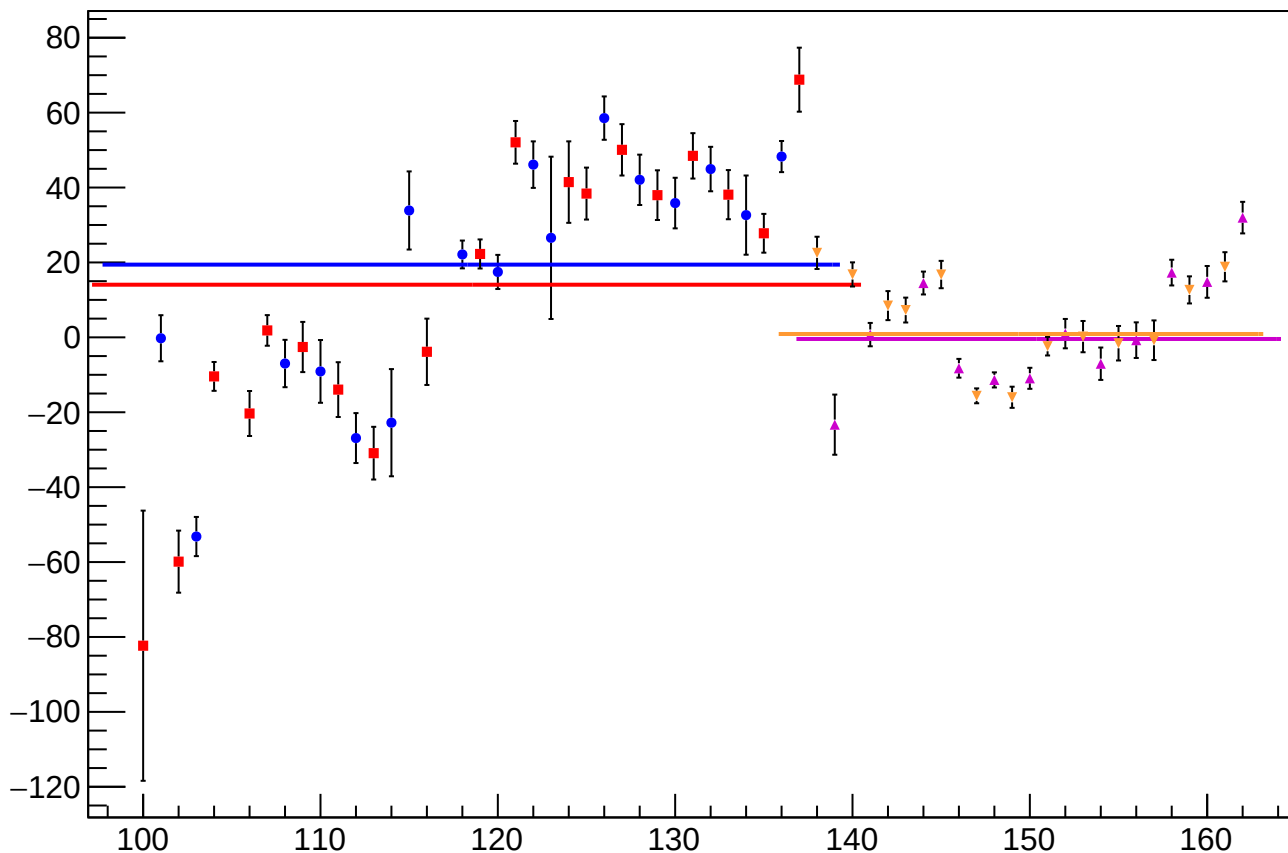
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.686+/-1.399 χ^2/NDF :247.7/11

Out: 195.621+/-1.372 χ^2/NDF :544.5/12

All: 199.573+/-0.979 χ^2/NDF : 809.1/24

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 0.895 ± 0.910 χ^2/NDF : 215.0/12

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

Left In: -0.436 ± 0.946 χ^2/NDF : 186.5/11

Left: 0.255 ± 0.656 χ^2/NDF : 402.5/24

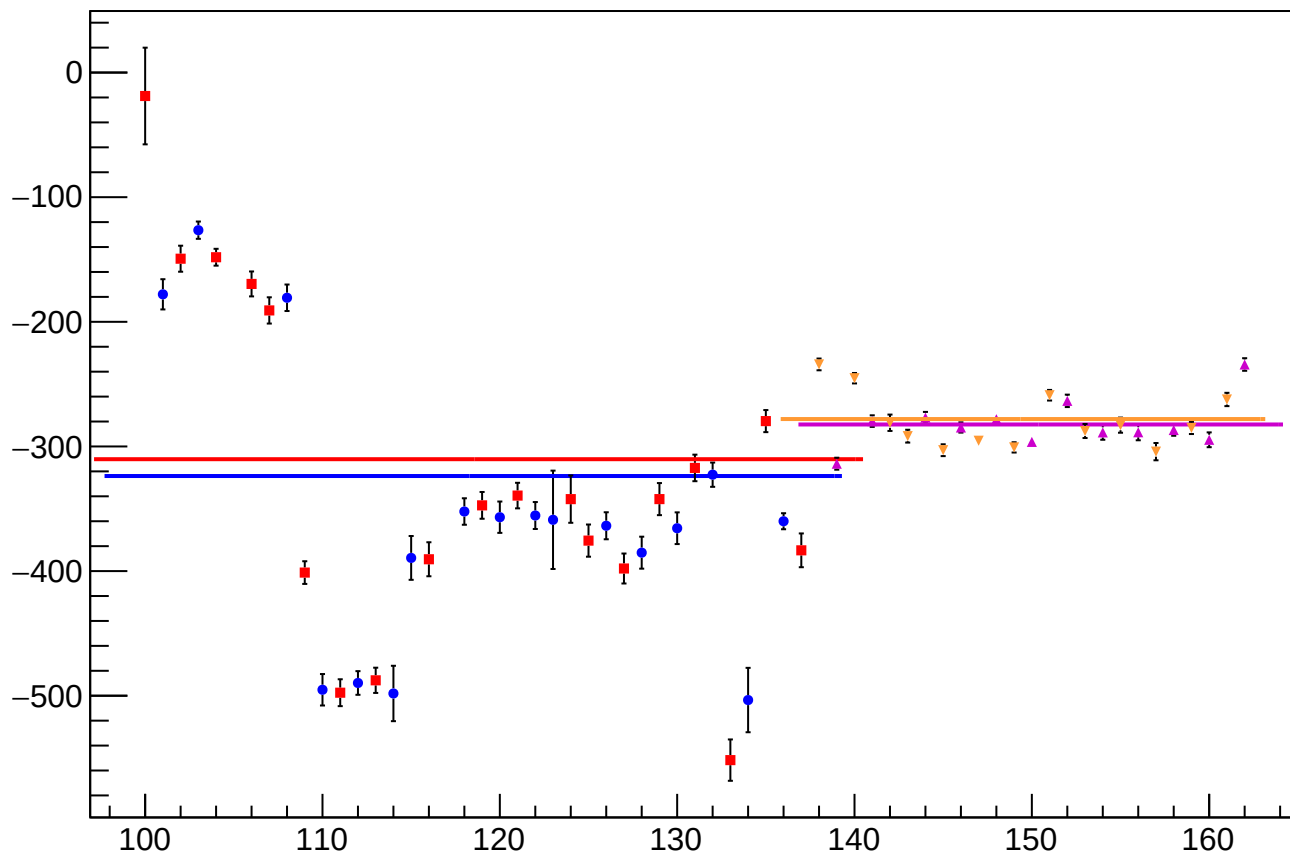
Right: 16.572 ± 1.014 χ^2/NDF : 884.6/35

In: 5.323 ± 0.797 χ^2/NDF : 755.4/28

Out: 4.837 ± 0.762 χ^2/NDF : 714.1/31

All: 5.069 ± 0.551 χ^2/NDF : 1469.7/60

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -278.006 ± 1.357 χ^2/NDF : 281.6/12

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

Left In: -282.367 ± 1.366 χ^2/NDF : 171.7/11

Left: -280.173 ± 0.963 χ^2/NDF : 458.4/24

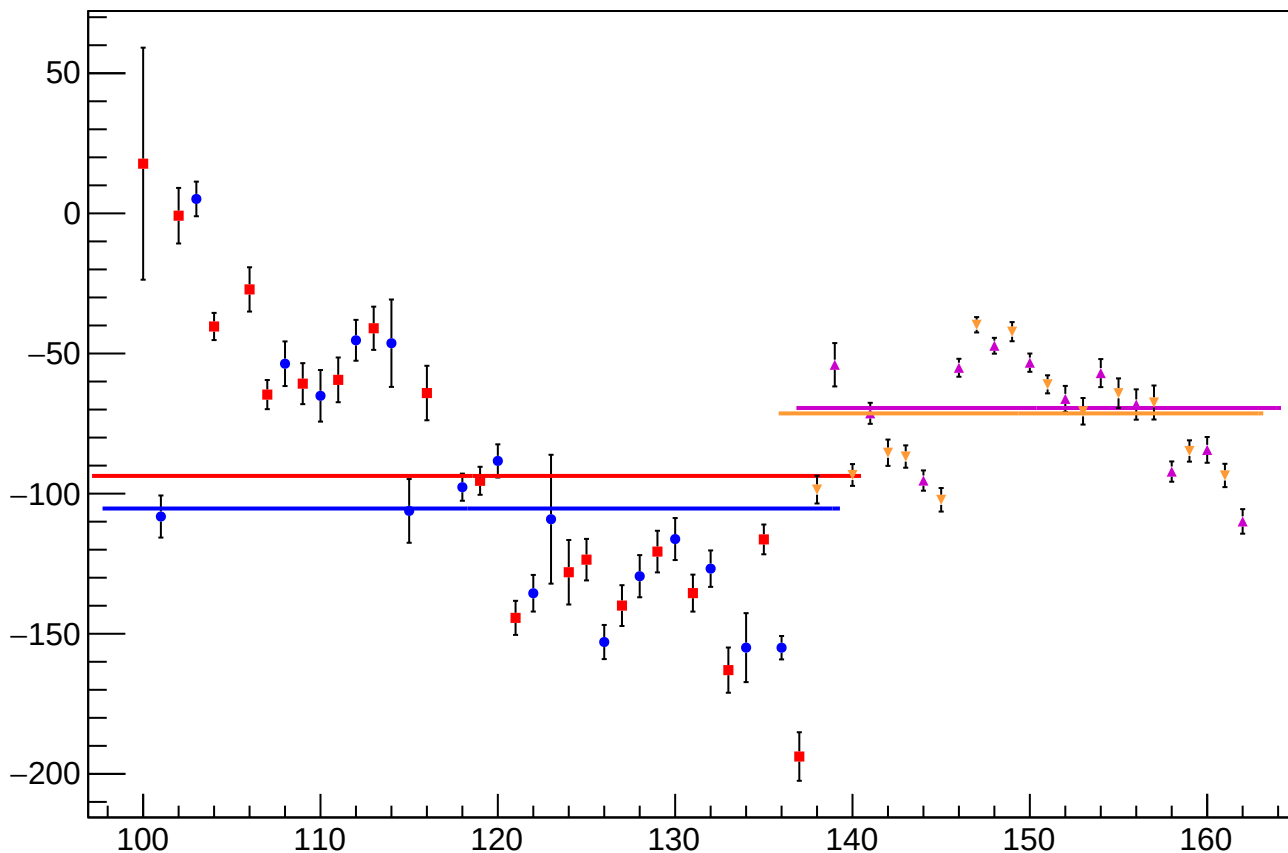
Right: -316.595 ± 1.833 χ^2/NDF : 4164.2/35

In: -290.953 ± 1.216 χ^2/NDF : 2212.8/28

Out: -285.236 ± 1.195 χ^2/NDF : 2708.1/31

All: -288.046 ± 0.852 χ^2/NDF : 4932.1/60

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -71.373 ± 1.103 χ^2/NDF : 399.5/12

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

Left In: -69.440 ± 1.134 χ^2/NDF : 304.2/11

Left: -70.433 ± 0.791 χ^2/NDF : 705.2/24

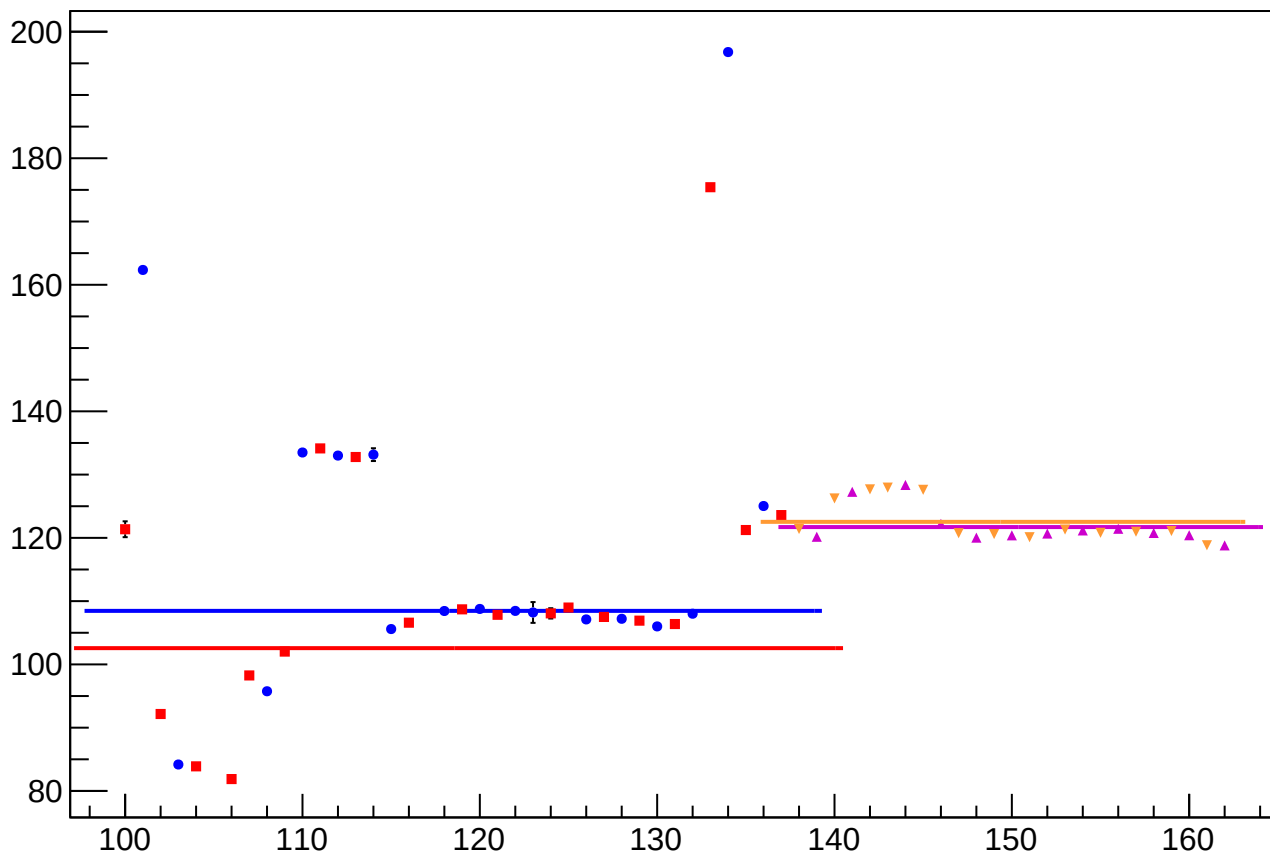
Right: -99.207 ± 1.167 χ^2/NDF : 1588.8/35

In: -80.542 ± 0.942 χ^2/NDF : 1351.5/28

Out: -78.493 ± 0.910 χ^2/NDF : 1356.4/31

All: -79.482 ± 0.655 χ^2/NDF : 2710.4/60

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 122.532 $\pm$ 0.054 χ^2 /NDF: 3193.4/12

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

Left In: 121.706 $\pm$ 0.054 χ^2 /NDF: 2552.8/11

Left: 122.117 $\pm$ 0.038 χ^2 /NDF: 5862.0/24

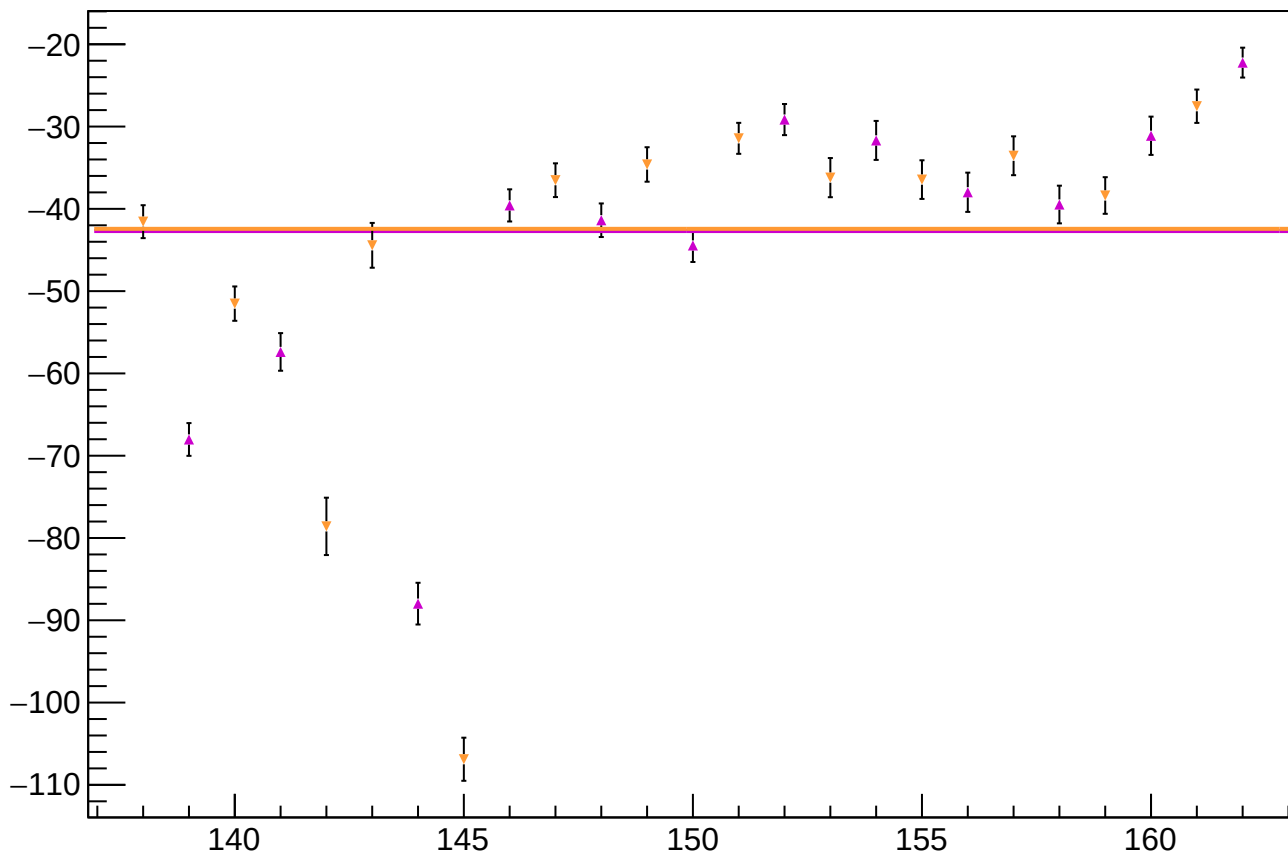
Right: 105.327 $\pm$ 0.058 χ^2 /NDF: 129018.0/35

In: 117.868 $\pm$ 0.046 χ^2 /NDF: 93216.0/28

Out: 116.164 $\pm$ 0.045 χ^2 /NDF: 99316.4/31

All: 117.002 $\pm$ 0.032 χ^2 /NDF: 193241.8/60

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



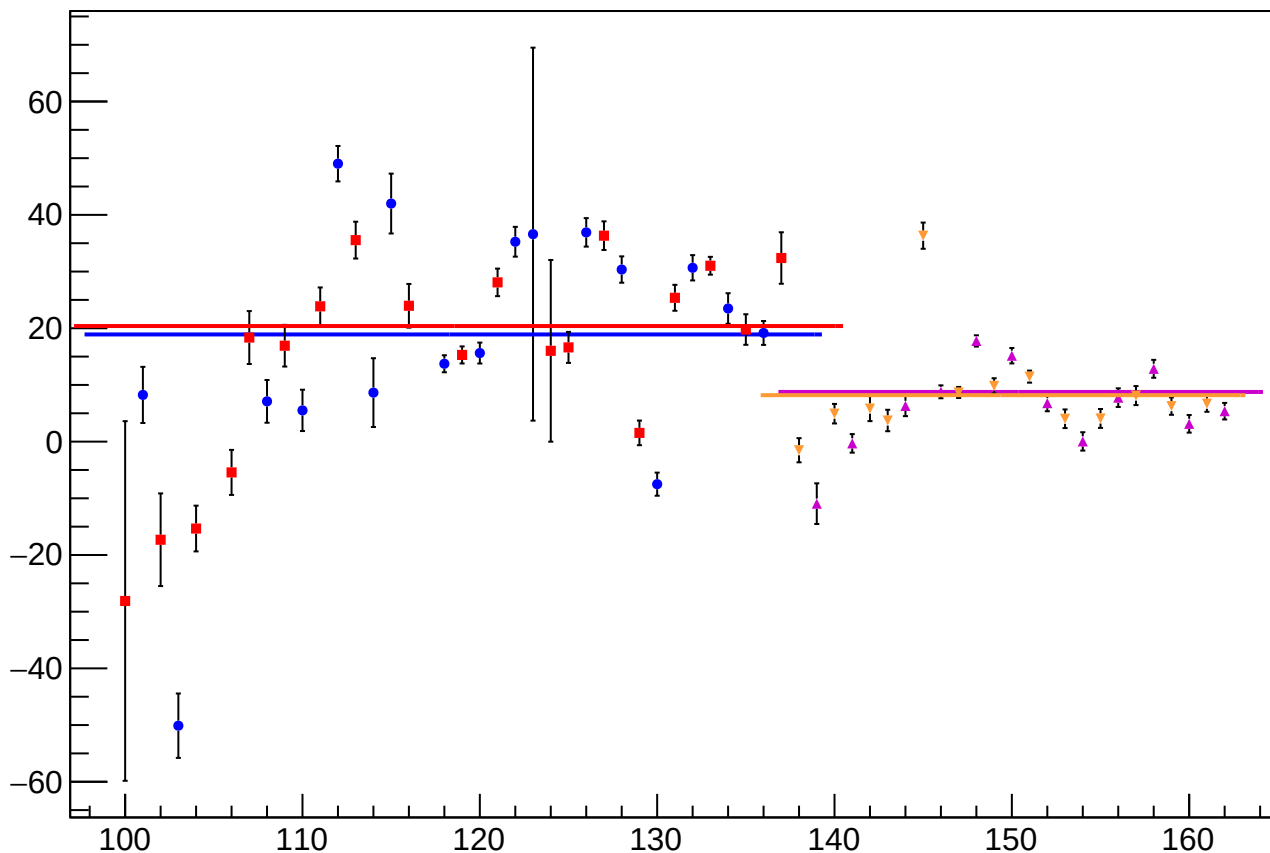
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -42.429+/-0.623 χ^2/NDF :874.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.700+/-0.613 χ^2/NDF :756.5/11

Left: -42.566+/-0.437 χ^2/NDF : 1630.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.700+/-0.613 χ^2/NDF :756.5/11
 Out: -42.429+/-0.623 χ^2/NDF :874.2/12

All: -42.566+/-0.437 χ^2/NDF : 1630.8/24

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.194 $\pm$ 0.418 χ^2 /NDF:205.7/12

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

Left In: 8.763 $\pm$ 0.422 χ^2 /NDF:223.5/11

Left: 8.476 $\pm$ 0.297 χ^2 /NDF: 430.1/24

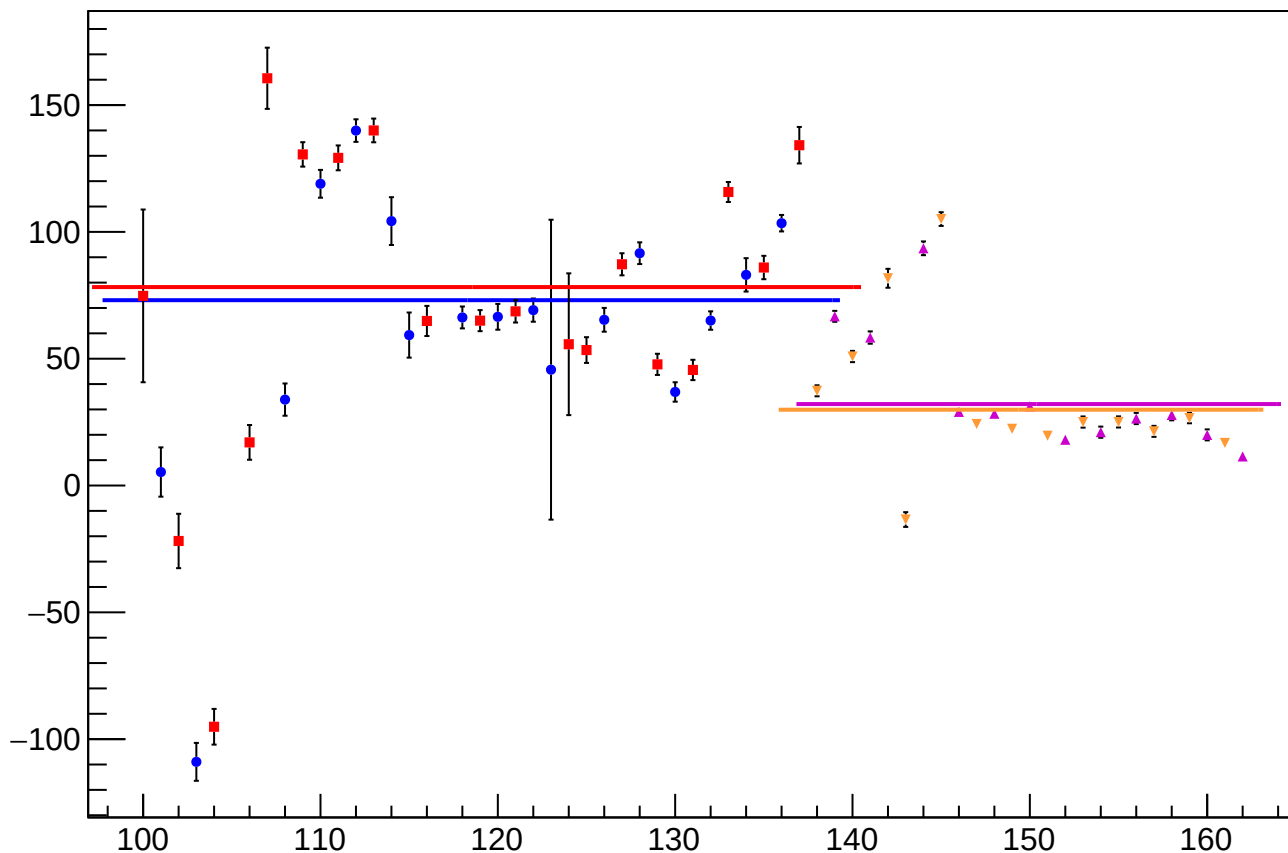
Right: 19.648 $\pm$ 0.455 χ^2 /NDF: 986.9/35

In: 11.817 $\pm$ 0.353 χ^2 /NDF:1016.0/28

Out: 11.816 $\pm$ 0.351 χ^2 /NDF:823.3/31

All: 11.816 $\pm$ 0.249 χ^2 /NDF: 1839.3/60

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2/NDF : 1200.0/16

Left Out: 29.893+/-0.608 χ^2/NDF :1417.5/12

Right Out: 78.241+/-1.223 χ^2/NDF : 1542.7/18

Left In: 32.117+/-0.593 χ^2/NDF :1161.7/11

Left: 31.032+/-0.424 χ^2/NDF : 2586.1/24

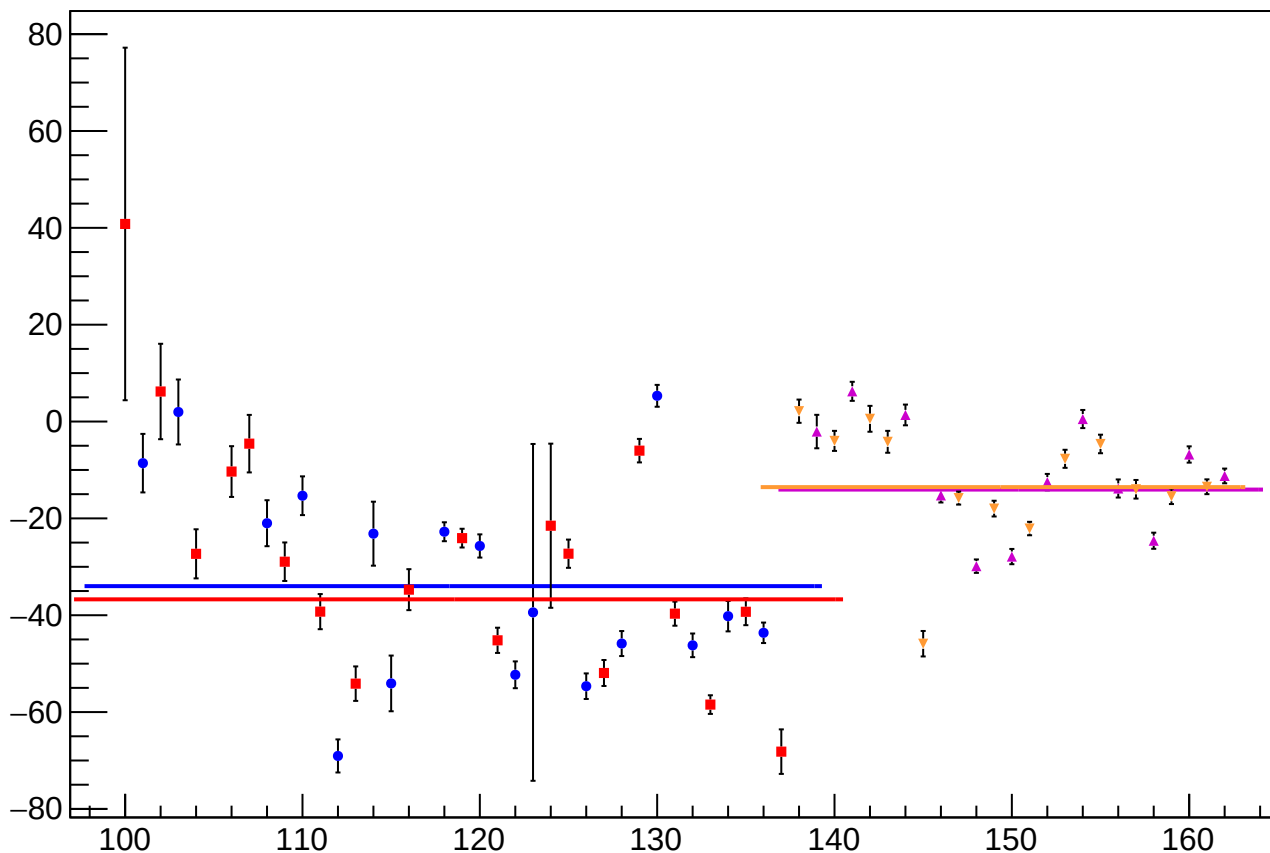
Right: 75.667+/-0.866 χ^2/NDF : 2751.5/35

In: 39.863+/-0.534 χ^2/NDF :3263.8/28

Out: 39.471+/-0.544 χ^2/NDF :4214.2/31

All: 39.671+/-0.381 χ^2/NDF : 7478.3/60

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.545 ± 0.501 χ^2/NDF : 341.3/12

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

Left In: -14.051 ± 0.499 χ^2/NDF : 501.6/11

Left: -13.799 ± 0.353 χ^2/NDF : 843.4/24

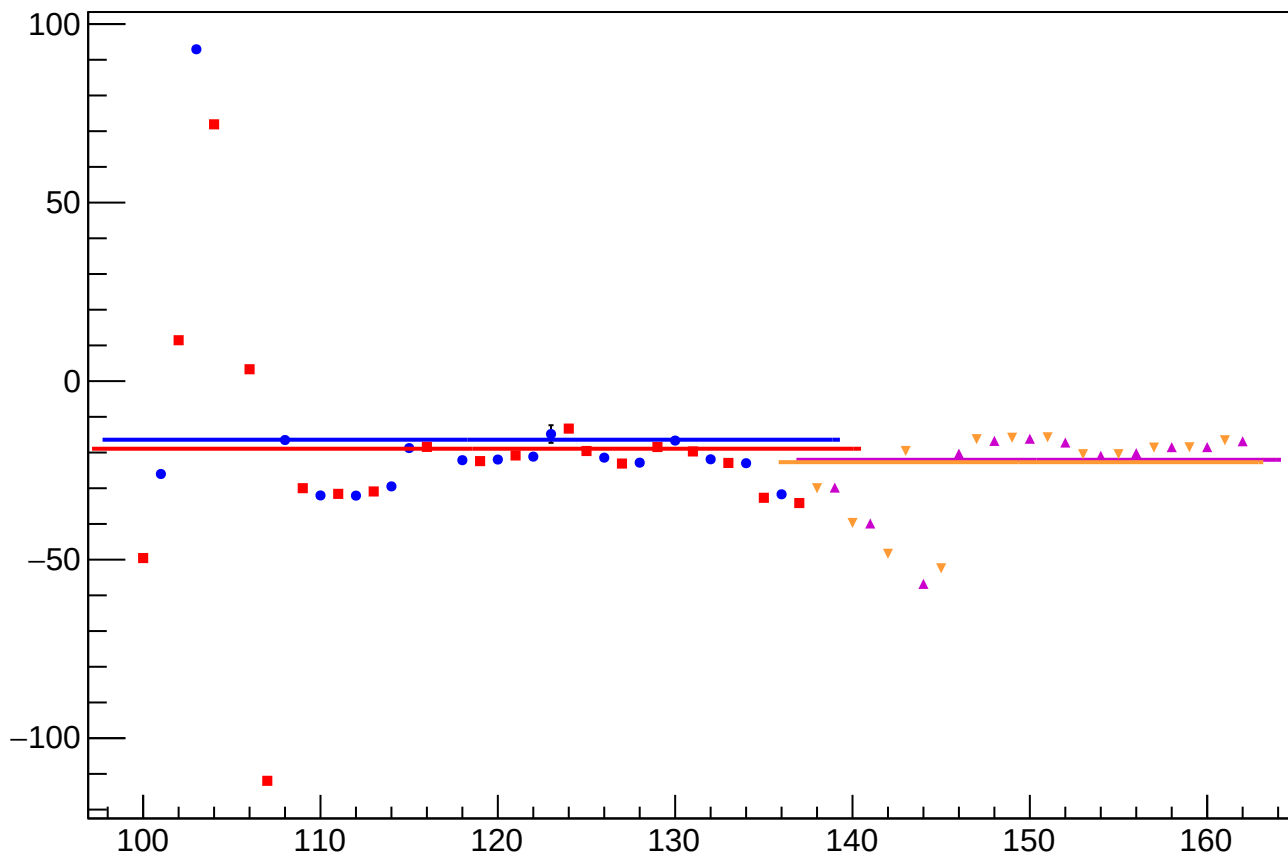
Right: -35.354 ± 0.521 χ^2/NDF : 1269.6/35

In: -20.323 ± 0.413 χ^2/NDF : 1724.2/28

Out: -20.870 ± 0.414 χ^2/NDF : 1560.8/31

All: -20.596 ± 0.292 χ^2/NDF : 3285.8/60

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -22.699 ± 0.024 $\chi^2/\text{NDF}: 180251.2/12$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

Left In: -22.028 ± 0.023 $\chi^2/\text{NDF}: 154130.9/11$

Left: -22.354 ± 0.017 $\chi^2/\text{NDF}: 334791.9/24$

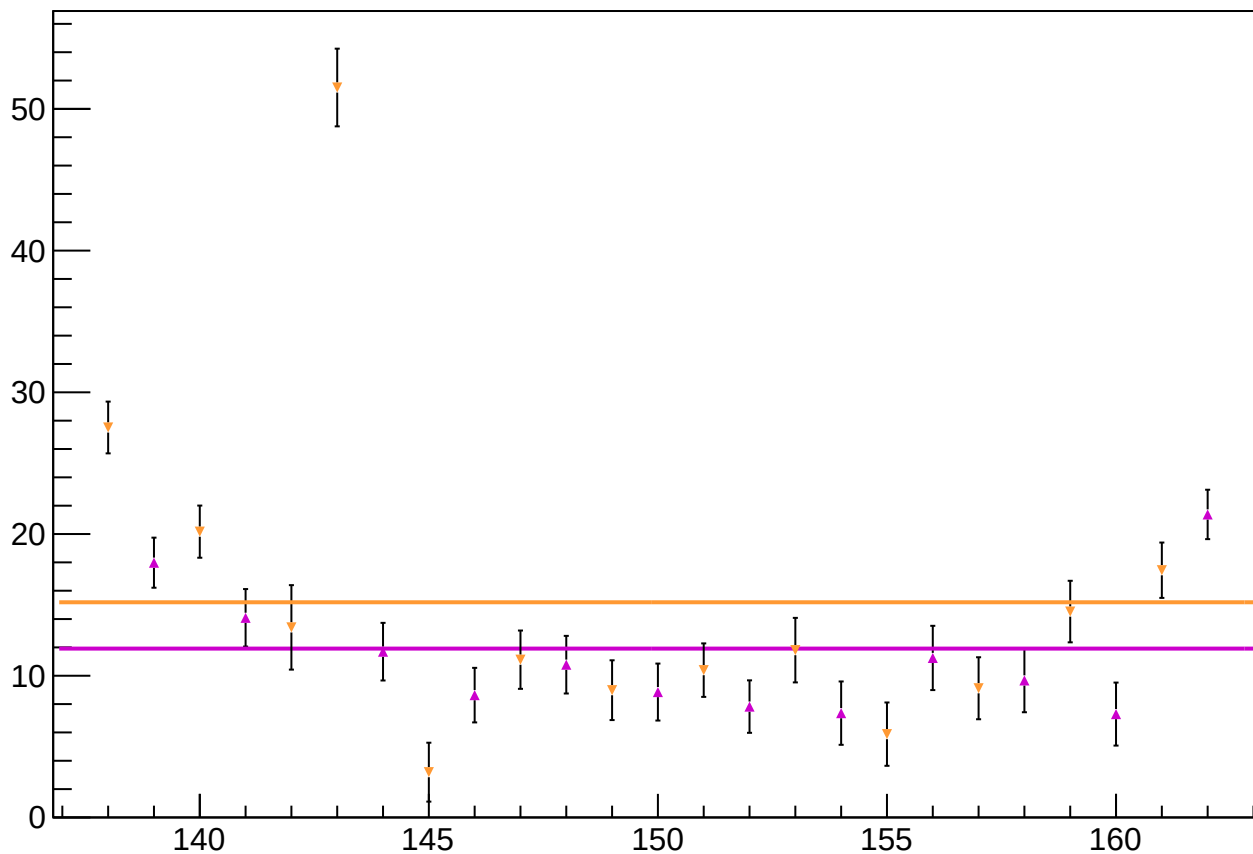
Right: -17.648 ± 0.032 $\chi^2/\text{NDF}: 910108.0/35$

In: -20.834 ± 0.020 $\chi^2/\text{NDF}: 641104.9/28$

Out: -21.886 ± 0.021 $\chi^2/\text{NDF}: 619833.3/31$

All: -21.346 ± 0.015 $\chi^2/\text{NDF}: 1262224.3/60$

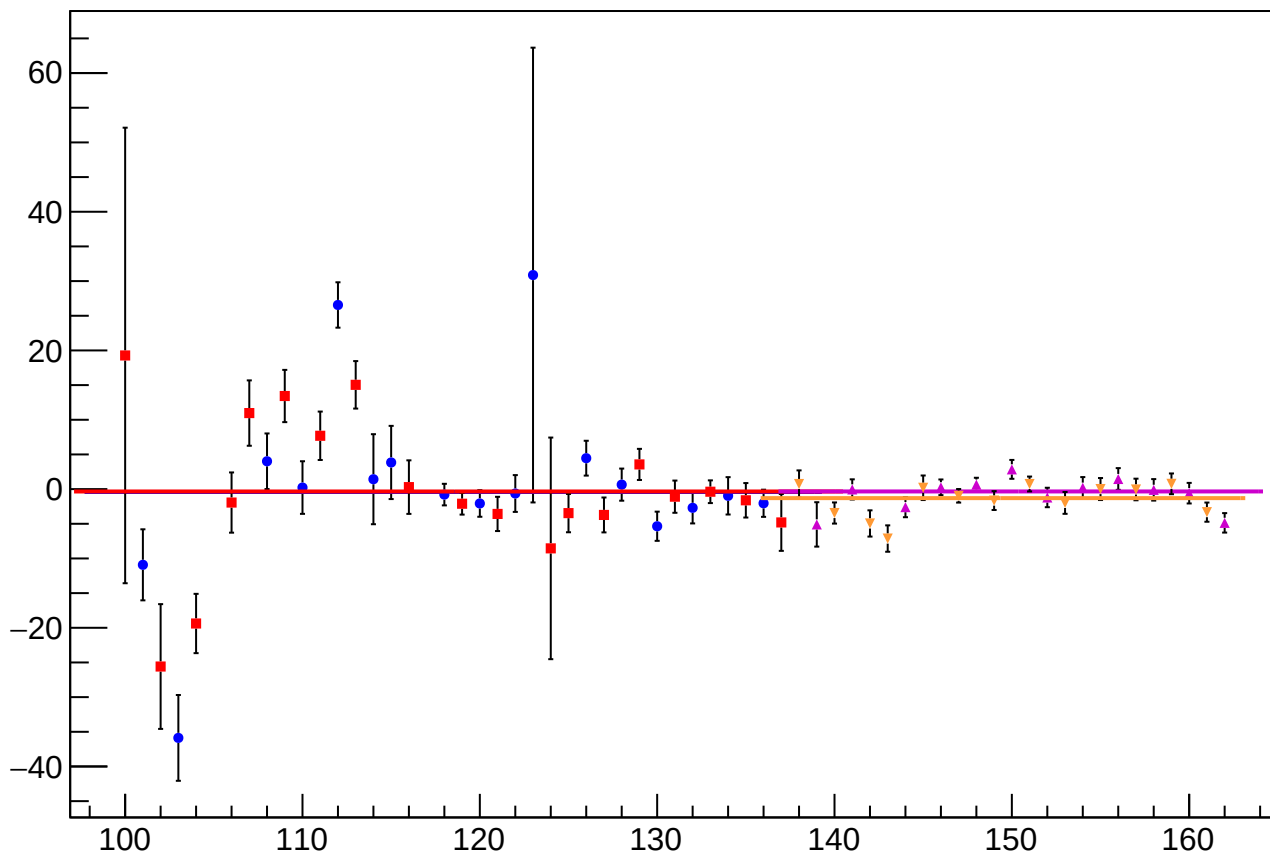
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.185+/-0.588 χ^2/NDF :309.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.916+/-0.579 χ^2/NDF :62.4/11

Left: 13.525+/-0.413 χ^2/NDF : 387.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.916+/-0.579 χ^2/NDF :62.4/11
 Out: 15.185+/-0.588 χ^2/NDF :309.8/12
 All: 13.525+/-0.413 χ^2/NDF : 387.9/24

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.300 ± 0.401 χ^2/NDF : 26.2/12

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

Left In: -0.336 ± 0.405 χ^2/NDF : 23.7/11

Left: -0.822 ± 0.285 χ^2/NDF : 52.8/24

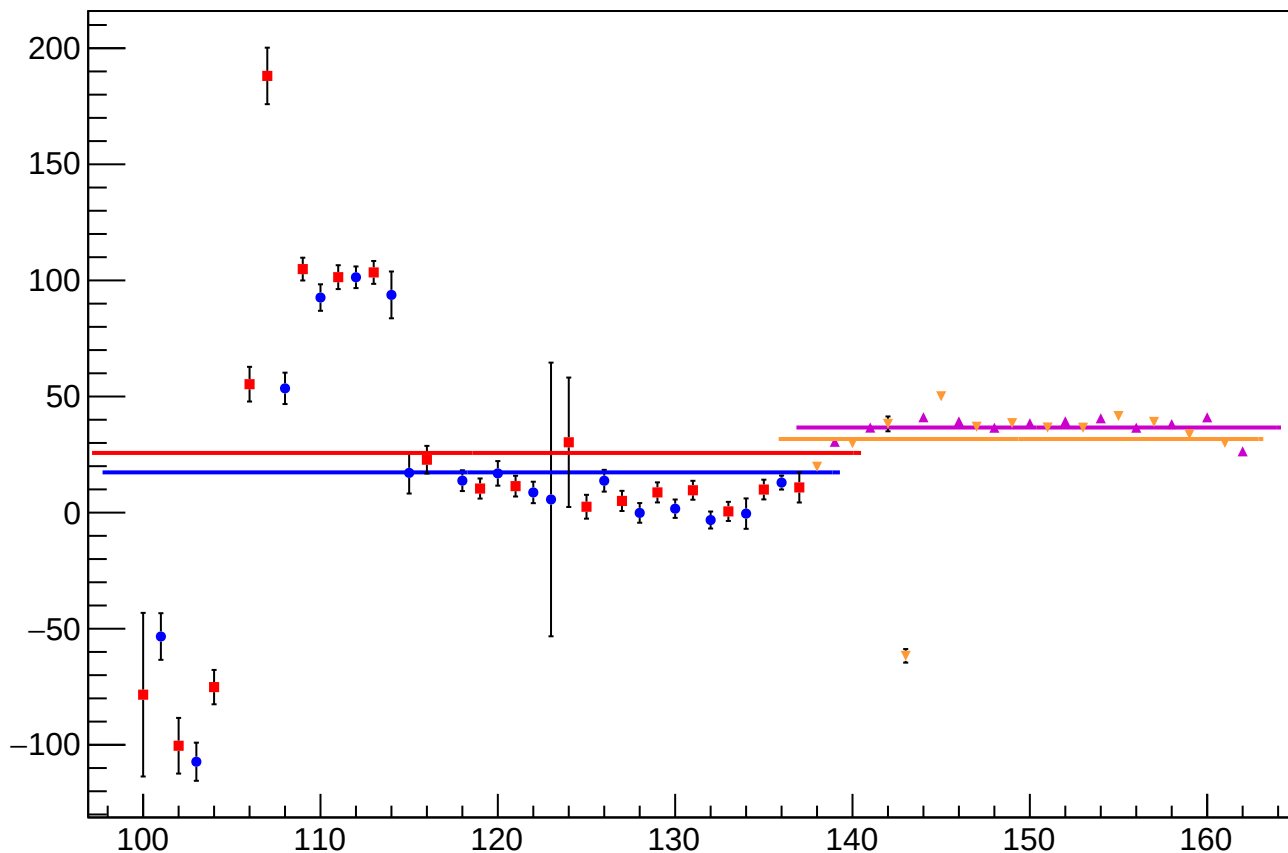
Right: -0.378 ± 0.463 χ^2/NDF : 203.7/35

In: -0.358 ± 0.344 χ^2/NDF : 143.6/28

Out: -1.040 ± 0.343 χ^2/NDF : 111.5/31

All: -0.700 ± 0.243 χ^2/NDF : 257.1/60

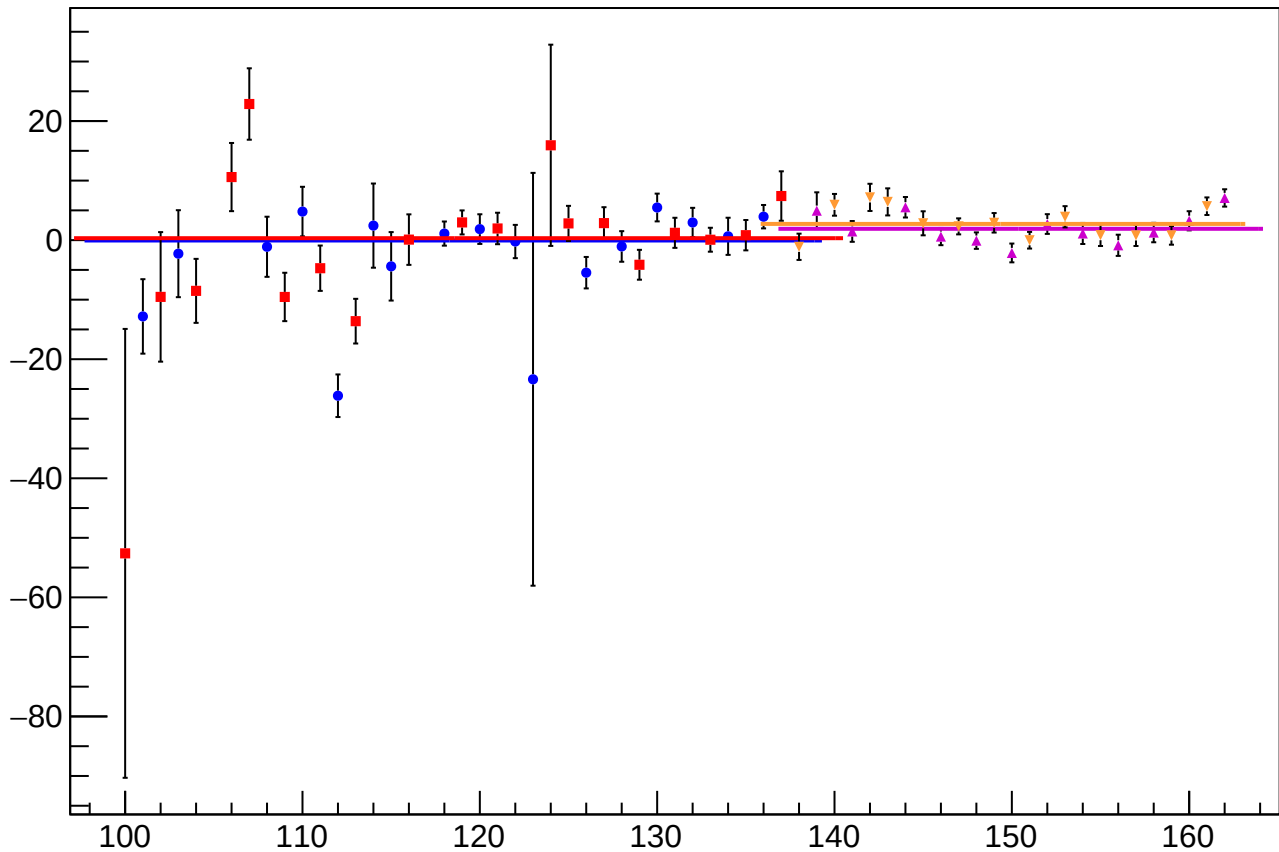
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16
 Left Out: 31.699+/-0.577 χ^2/NDF :1200.8/12
 Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18
 Left In: 36.653+/-0.563 χ^2/NDF :65.8/11

Left: 34.233+/-0.403 χ^2/NDF : 1304.4/24
 Right: 21.501+/-0.877 χ^2/NDF : 2345.0/35
 In: 33.340+/-0.513 χ^2/NDF :1210.6/28
 Out: 30.636+/-0.523 χ^2/NDF :2599.1/31
 All: 32.015+/-0.366 χ^2/NDF : 3823.3/60

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.724 ± 0.479 χ^2/NDF : 24.8/12

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

Left In: 1.903 ± 0.476 χ^2/NDF : 31.3/11

Left: 2.312 ± 0.338 χ^2/NDF : 57.5/24

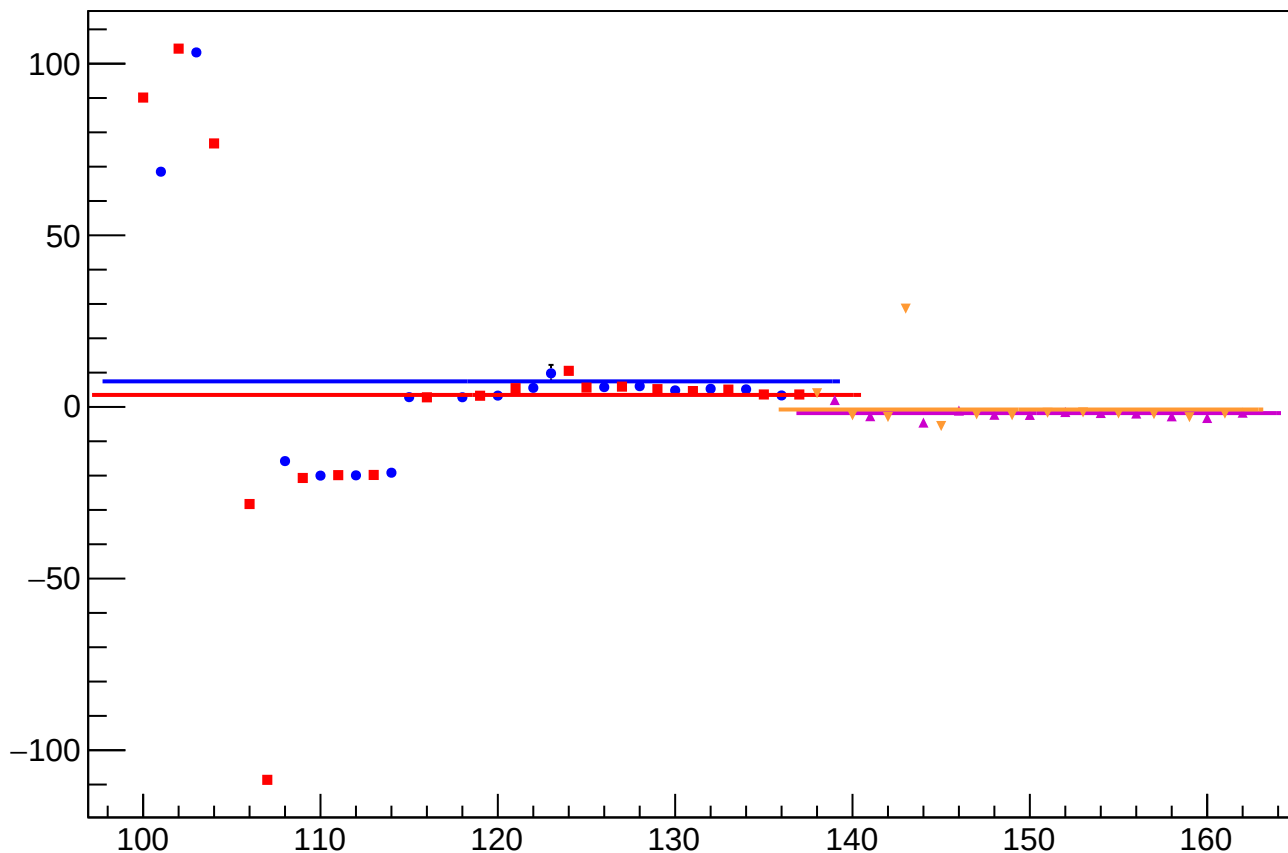
Right: 0.132 ± 0.528 χ^2/NDF : 131.8/35

In: 1.332 ± 0.401 χ^2/NDF : 112.8/28

Out: 2.030 ± 0.403 χ^2/NDF : 87.2/31

All: 1.679 ± 0.284 χ^2/NDF : 201.4/60

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: -0.744+/-0.022 χ^2/NDF : 73444.4/12

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

Left In: -1.791+/-0.022 χ^2/NDF : 4805.1/11

Left: -1.281+/-0.016 χ^2/NDF : 79364.7/24

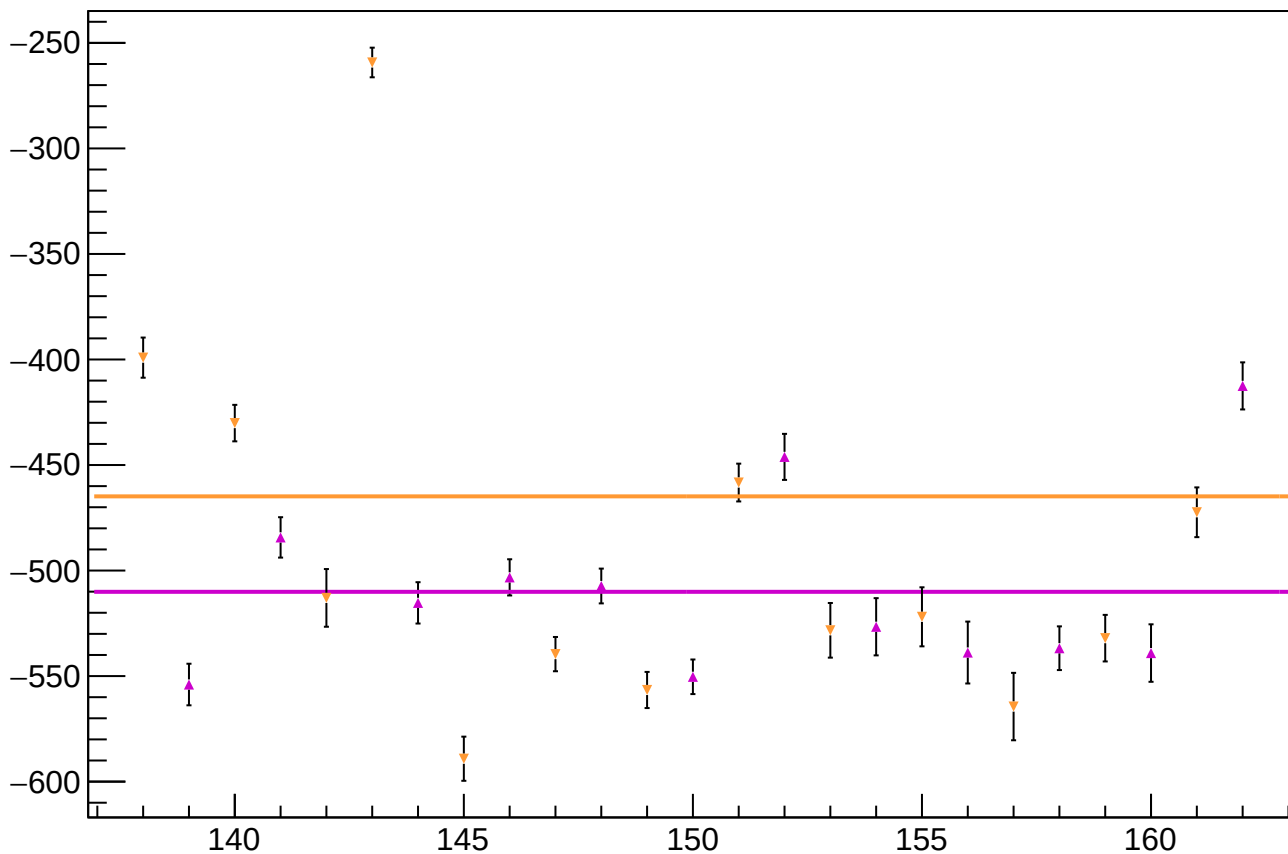
Right: 5.528+/-0.032 χ^2/NDF : 870492.1/35

In: 0.016+/-0.020 χ^2/NDF : 395706.9/28

Out: 0.086+/-0.020 χ^2/NDF : 591017.1/31

All: 0.050+/-0.014 χ^2/NDF : 986730.0/60

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: -464.853+/-2.764 χ^2/NDF :1392.6/12

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

Left In: -510.077+/-2.934 χ^2/NDF :179.7/11

Left: -486.110+/-2.012 χ^2/NDF : 1698.2/24

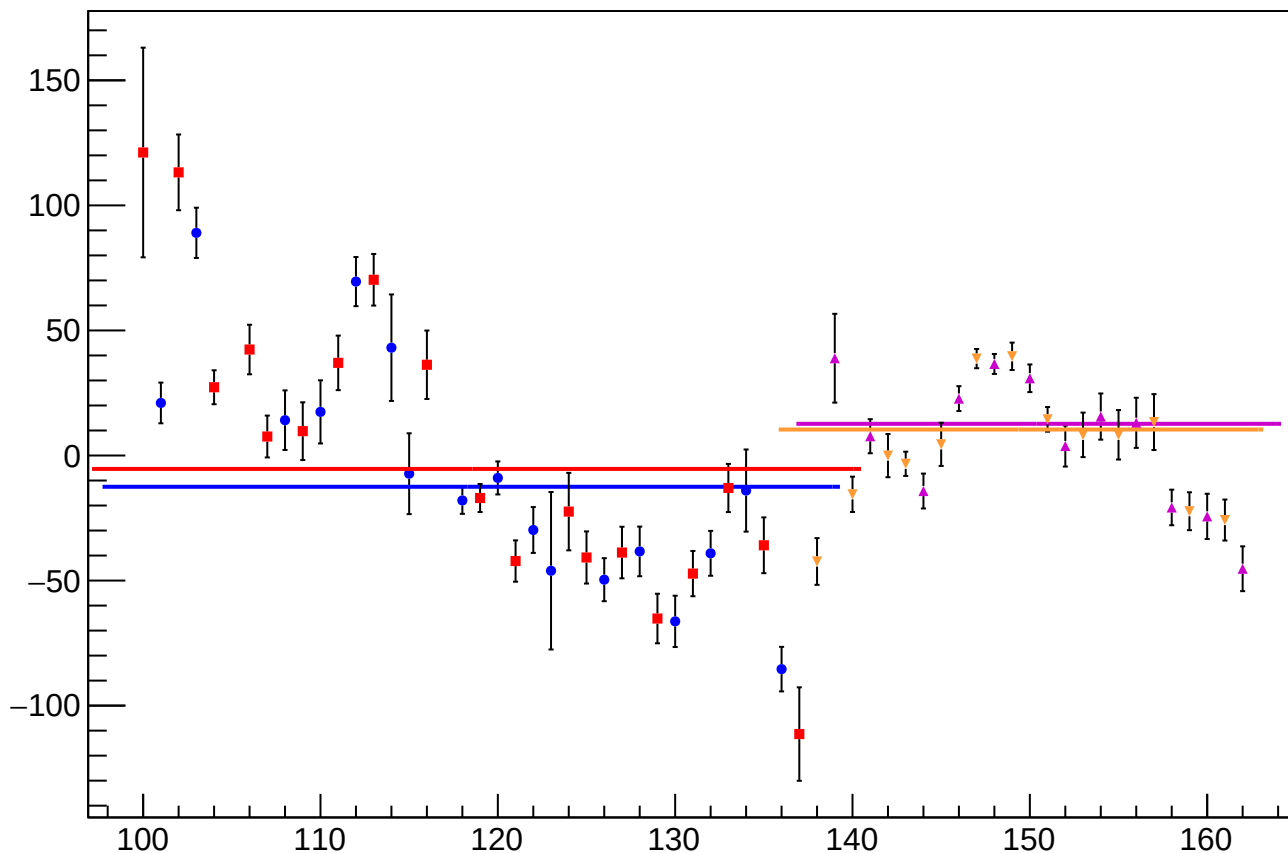
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -510.077+/-2.934 χ^2/NDF :179.7/11

Out: -464.853+/-2.764 χ^2/NDF :1392.6/12

All: -486.110+/-2.012 χ^2/NDF : 1698.2/24

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 $\pm$ 2.311 χ^2/NDF : 341.1/16

Left Out: 10.387 $\pm$ 1.807 χ^2/NDF :177.2/12

Right Out: -5.363 $\pm$ 2.264 χ^2/NDF : 344.6/18

Left In: 12.676 $\pm$ 1.953 χ^2/NDF :150.5/11

Left: 11.443 $\pm$ 1.326 χ^2/NDF : 328.4/24

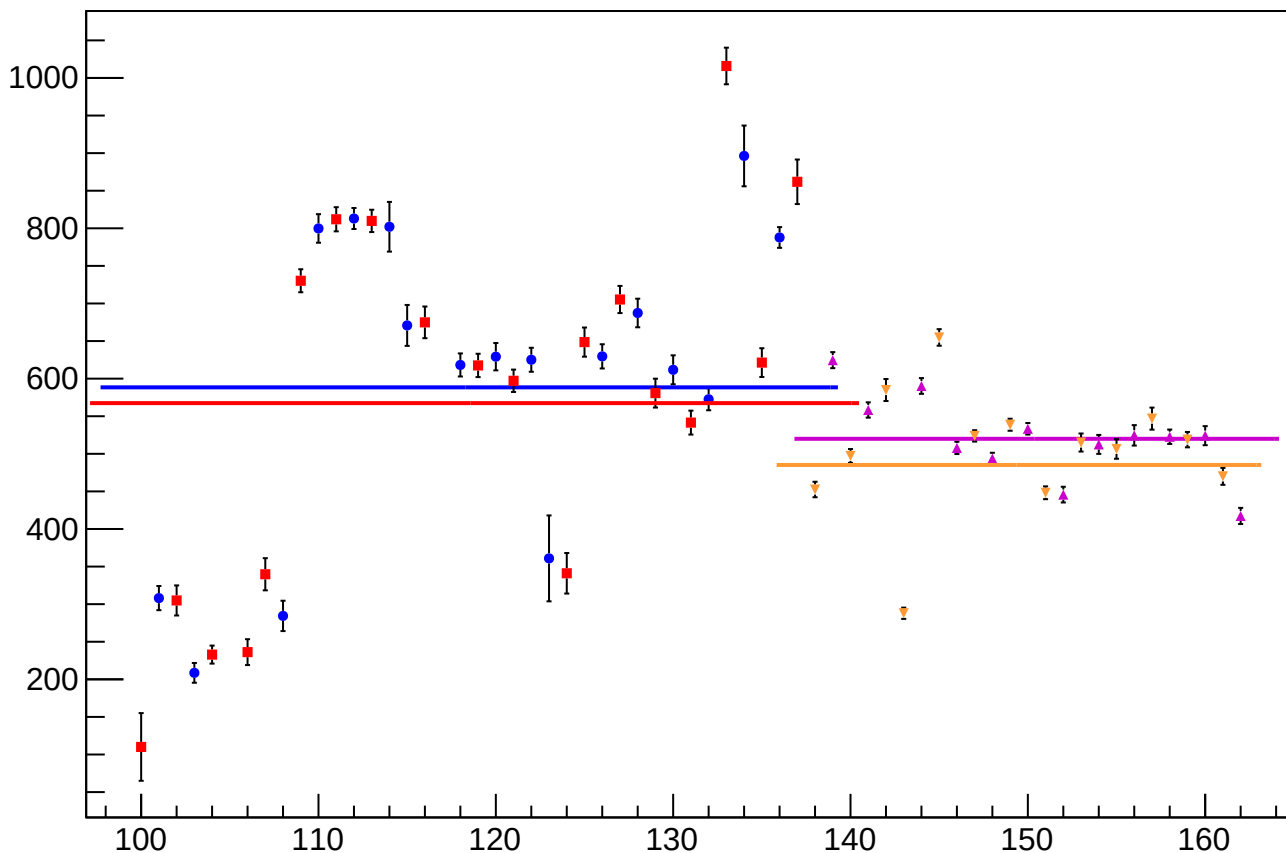
Right: -8.858 $\pm$ 1.617 χ^2/NDF : 690.5/35

In: 2.187 $\pm$ 1.492 χ^2/NDF :560.8/28

Out: 4.260 $\pm$ 1.412 χ^2/NDF :551.3/31

All: 3.280 $\pm$ 1.026 χ^2/NDF : 1113.1/60

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 485.168+/-2.736 χ^2/NDF : 1117.4/12

Right Out: 567.451+/-4.137 χ^2/NDF : 2784.8/18

Left In: 519.977+/-2.851 χ^2/NDF : 314.8/11

Left: 501.851+/-1.974 χ^2/NDF : 1509.8/24

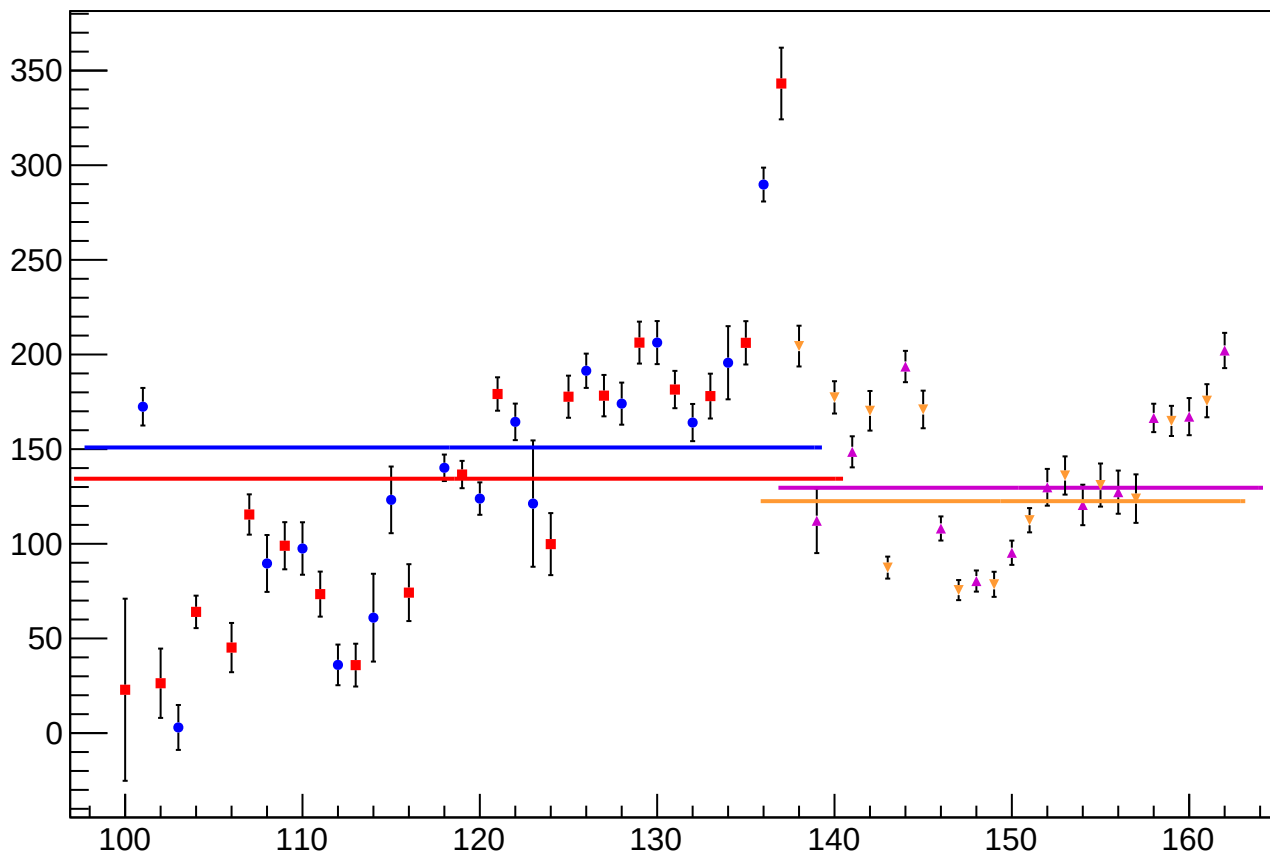
Right: 577.481+/-2.988 χ^2/NDF : 4927.3/35

In: 540.744+/-2.380 χ^2/NDF : 2619.8/28

Out: 510.201+/-2.282 χ^2/NDF : 4177.5/31

All: 524.831+/-1.647 χ^2/NDF : 6883.1/60

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891+/-2.674 χ^2/NDF : 634.8/16

Left Out: 122.526+/-2.201 χ^2/NDF : 372.7/12

Right Out: 134.381+/-2.620 χ^2/NDF : 584.9/18

Left In: 129.605+/-2.353 χ^2/NDF : 284.6/11

Left: 125.830+/-1.607 χ^2/NDF : 662.1/24

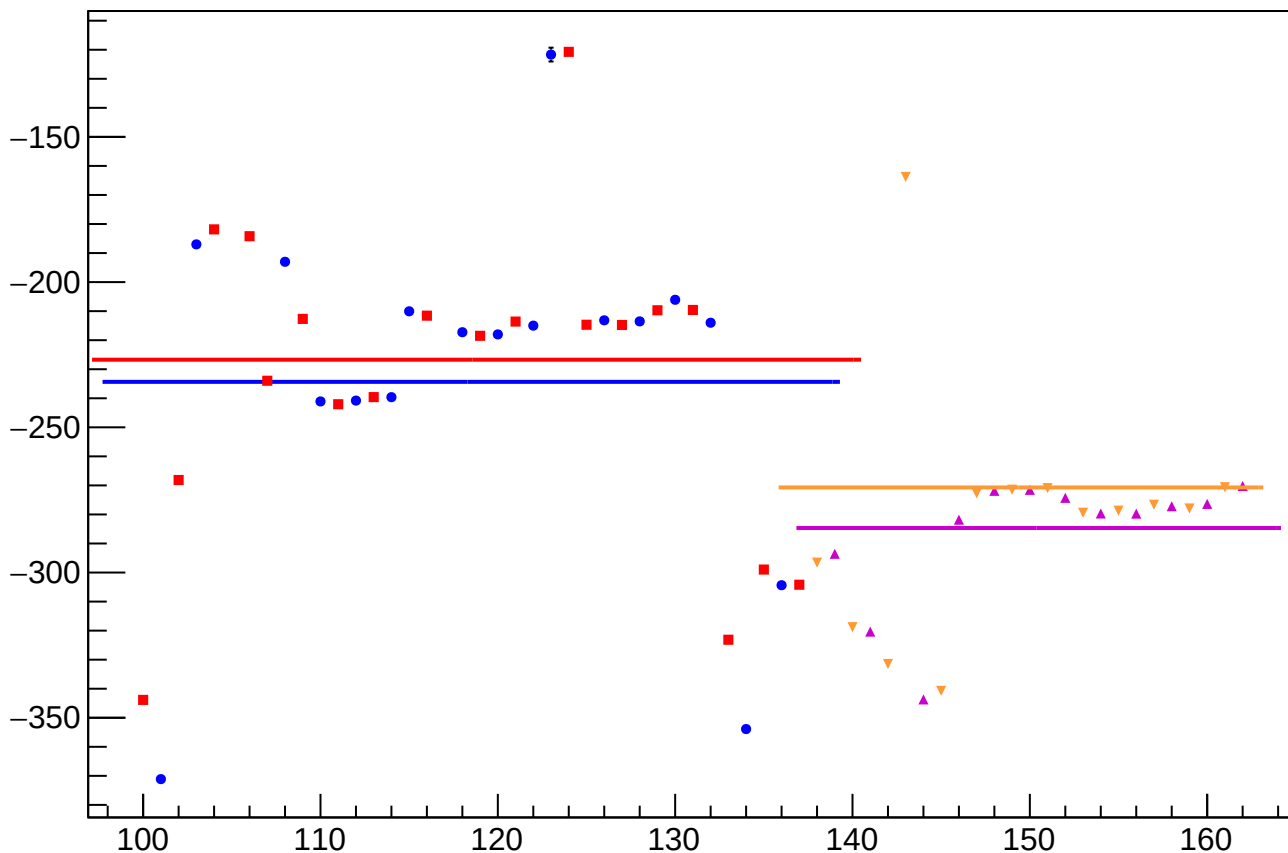
Right: 142.467+/-1.871 χ^2/NDF : 1239.2/35

In: 138.893+/-1.766 χ^2/NDF : 955.1/28

Out: 127.432+/-1.685 χ^2/NDF : 969.6/31

All: 132.894+/-1.219 χ^2/NDF : 1946.7/60

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2 /NDF: 145165.1/16

Left Out: -270.700+/-0.110 χ^2 /NDF:182670.2/12

Right Out: -226.716+/-0.141 χ^2 /NDF: 99440.4/18

Left In: -284.666+/-0.113 χ^2 /NDF:30666.0/11

Left: -277.486+/-0.079 χ^2 /NDF: 221133.9/24

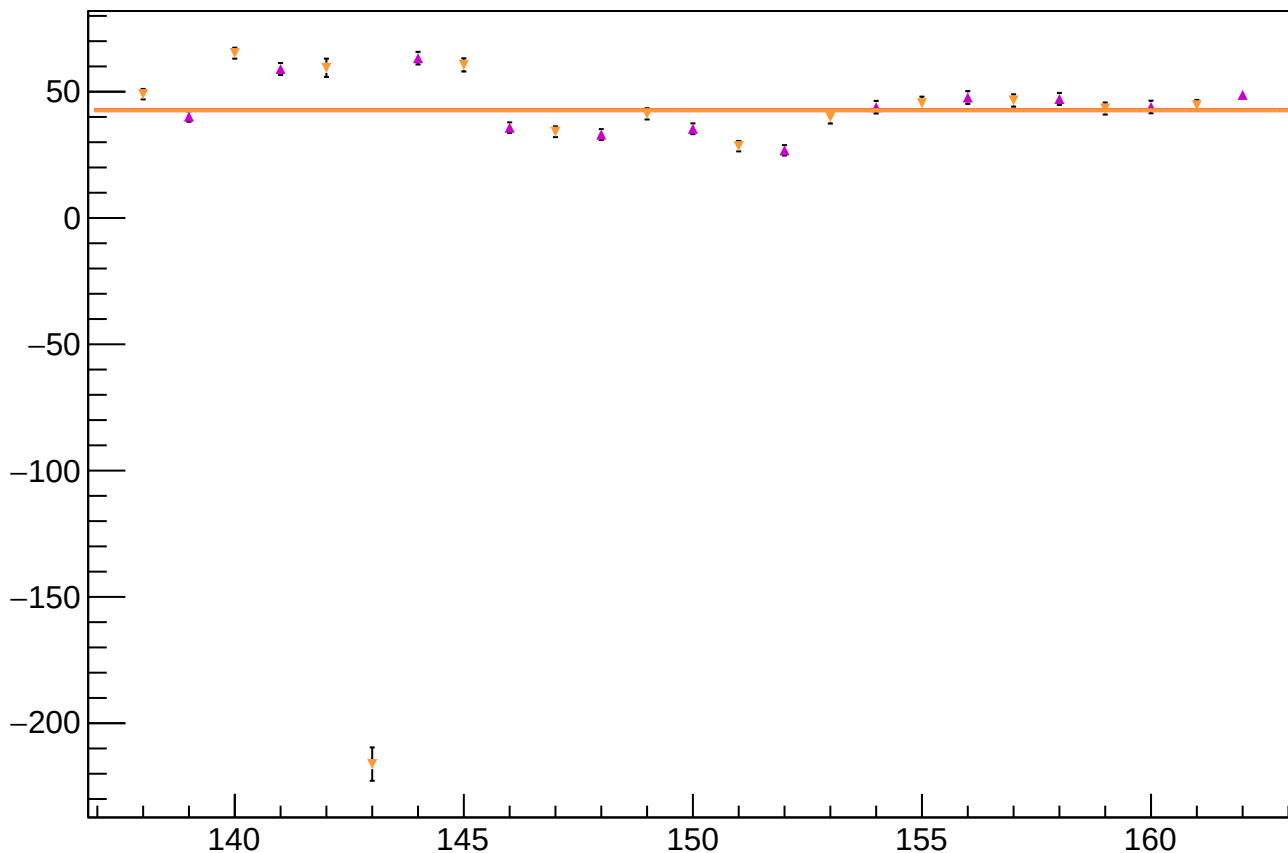
Right: -230.345+/-0.102 χ^2 /NDF: 245990.9/35

In: -266.098+/-0.090 χ^2 /NDF:248492.8/28

Out: -254.062+/-0.087 χ^2 /NDF:342330.5/31

All: -259.865+/-0.063 χ^2 /NDF: 600068.4/60

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: 42.658+/-0.672 χ^2/NDF :1787.7/12

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

Left In: 42.707+/-0.646 χ^2/NDF :236.5/11

Left: 42.683+/-0.466 χ^2/NDF : 2024.2/24

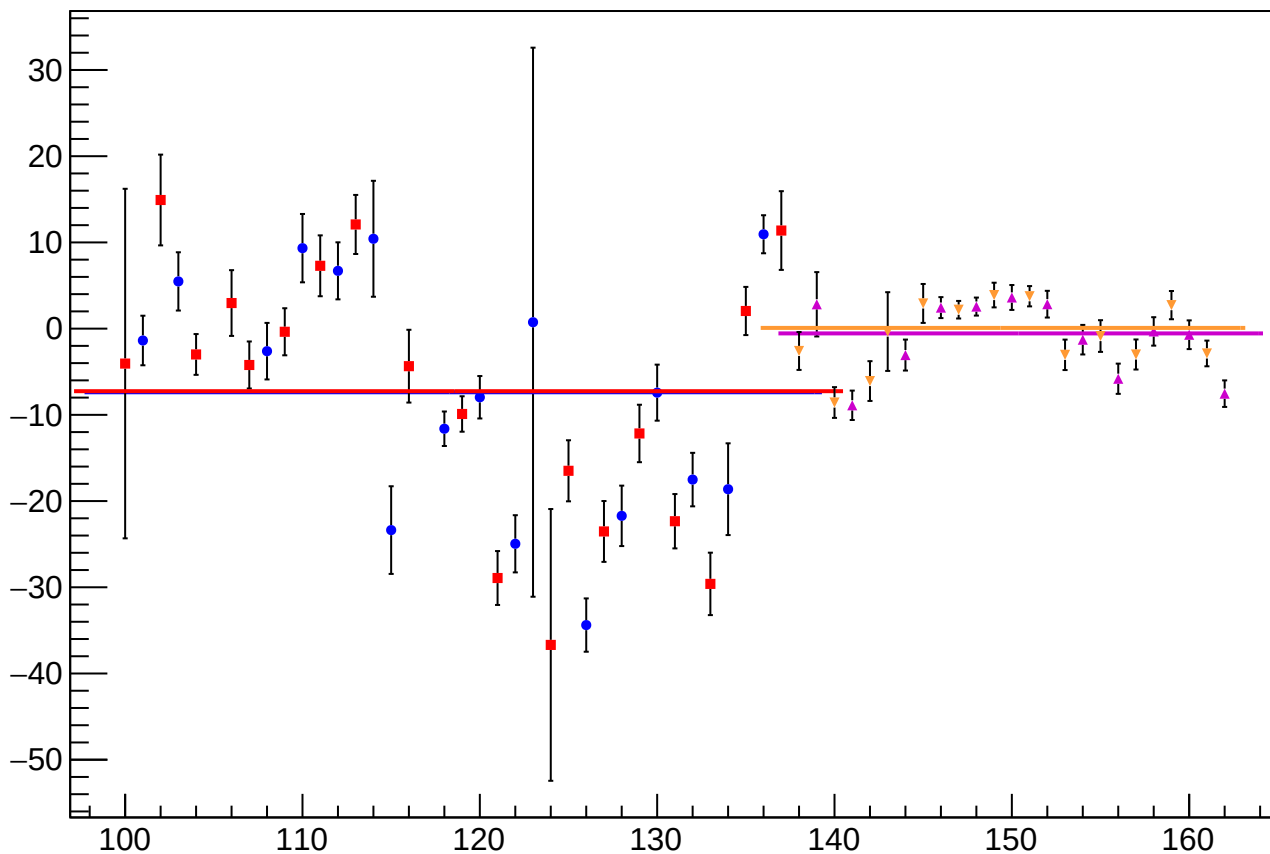
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.707+/-0.646 χ^2/NDF :236.5/11

Out: 42.658+/-0.672 χ^2/NDF :1787.7/12

All: 42.683+/-0.466 χ^2/NDF : 2024.2/24

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.084 ± 0.452 χ^2/NDF : 68.0/12

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

Left In: -0.554 ± 0.446 χ^2/NDF : 84.5/11

Left: -0.239 ± 0.317 χ^2/NDF : 153.5/24

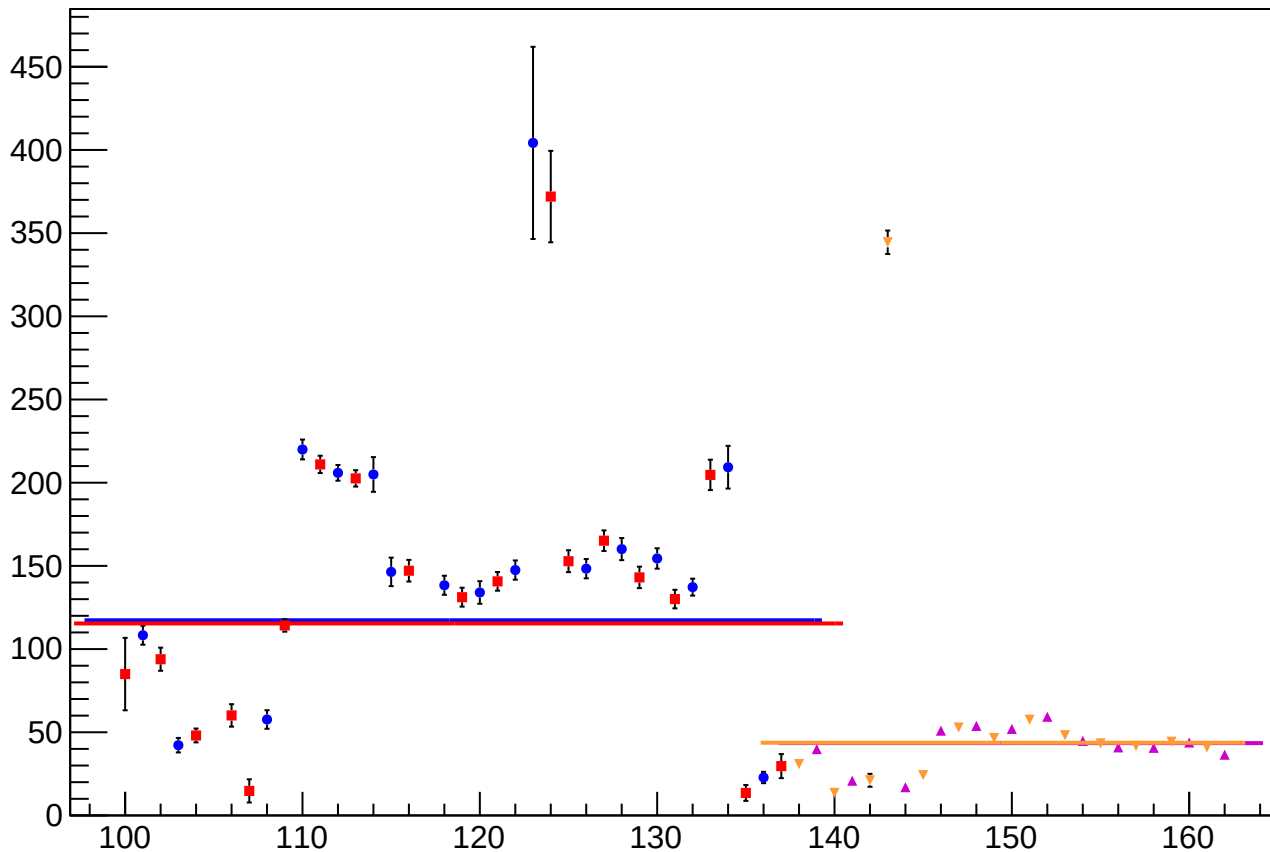
Right: -7.317 ± 0.545 χ^2/NDF : 540.9/35

In: -2.240 ± 0.387 χ^2/NDF : 426.0/28

Out: -1.826 ± 0.389 χ^2/NDF : 393.9/31

All: -2.034 ± 0.274 χ^2/NDF : 820.5/60

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 43.712 $\pm$ 0.654 χ^2 /NDF:2181.9/12

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

Left In: 43.487 $\pm$ 0.626 χ^2 /NDF:320.9/11

Left: 43.595 $\pm$ 0.452 χ^2 /NDF: 2502.9/24

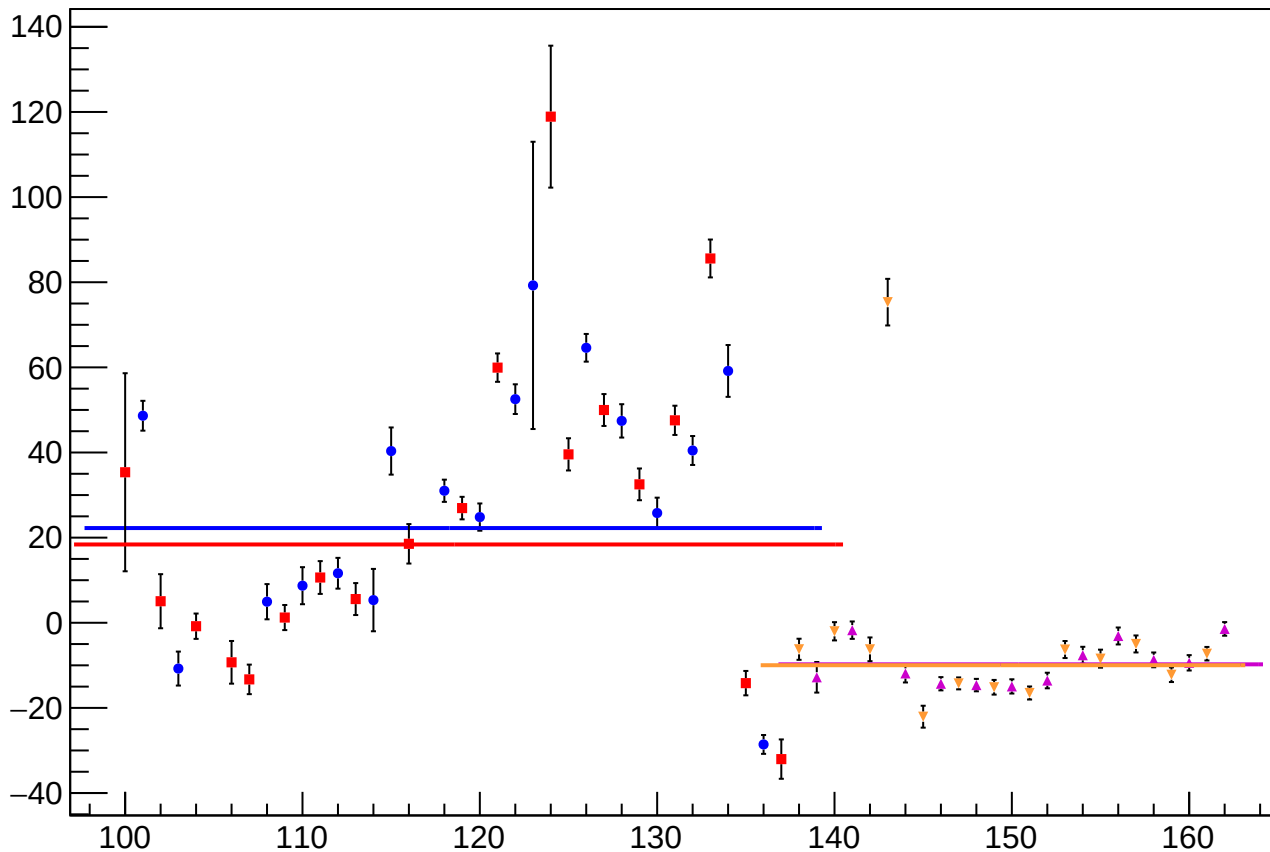
Right: 116.321 $\pm$ 0.979 χ^2 /NDF: 4312.7/35

In: 55.661 $\pm$ 0.572 χ^2 /NDF:4775.4/28

Out: 57.167 $\pm$ 0.589 χ^2 /NDF:6587.8/31

All: 56.391 $\pm$ 0.411 χ^2 /NDF: 11366.6/60

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250 ± 0.889 χ^2/NDF : 1071.4/16

Left Out: -9.974 ± 0.541 χ^2/NDF : 333.8/12

Right Out: 18.395 ± 0.872 χ^2/NDF : 1077.1/18

Left In: -9.766 ± 0.526 χ^2/NDF : 90.5/11

Left: -9.867 ± 0.377 χ^2/NDF : 424.4/24

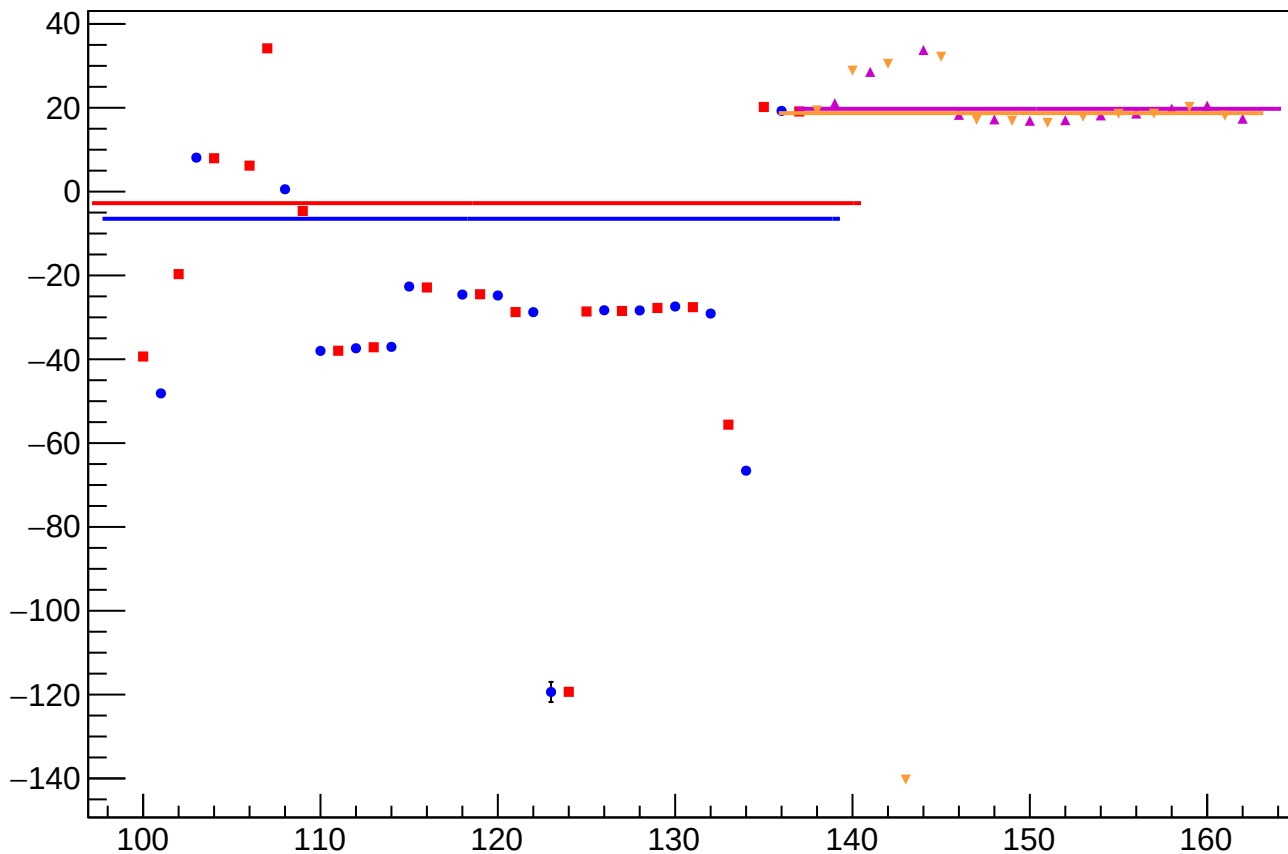
Right: 20.284 ± 0.622 χ^2/NDF : 2158.2/35

In: -1.455 ± 0.453 χ^2/NDF : 2121.9/28

Out: -2.092 ± 0.460 χ^2/NDF : 2175.5/31

All: -1.769 ± 0.323 χ^2/NDF : 4298.5/60

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482+/-0.046 χ^2/NDF : 265804.1/16

Left Out: 18.726+/-0.026 χ^2/NDF :348985.5/12

Right Out: -2.751+/-0.046 χ^2/NDF : 266291.4/18

Left In: 19.750+/-0.024 χ^2/NDF :27063.6/11

Left: 19.262+/-0.018 χ^2/NDF : 376890.7/24

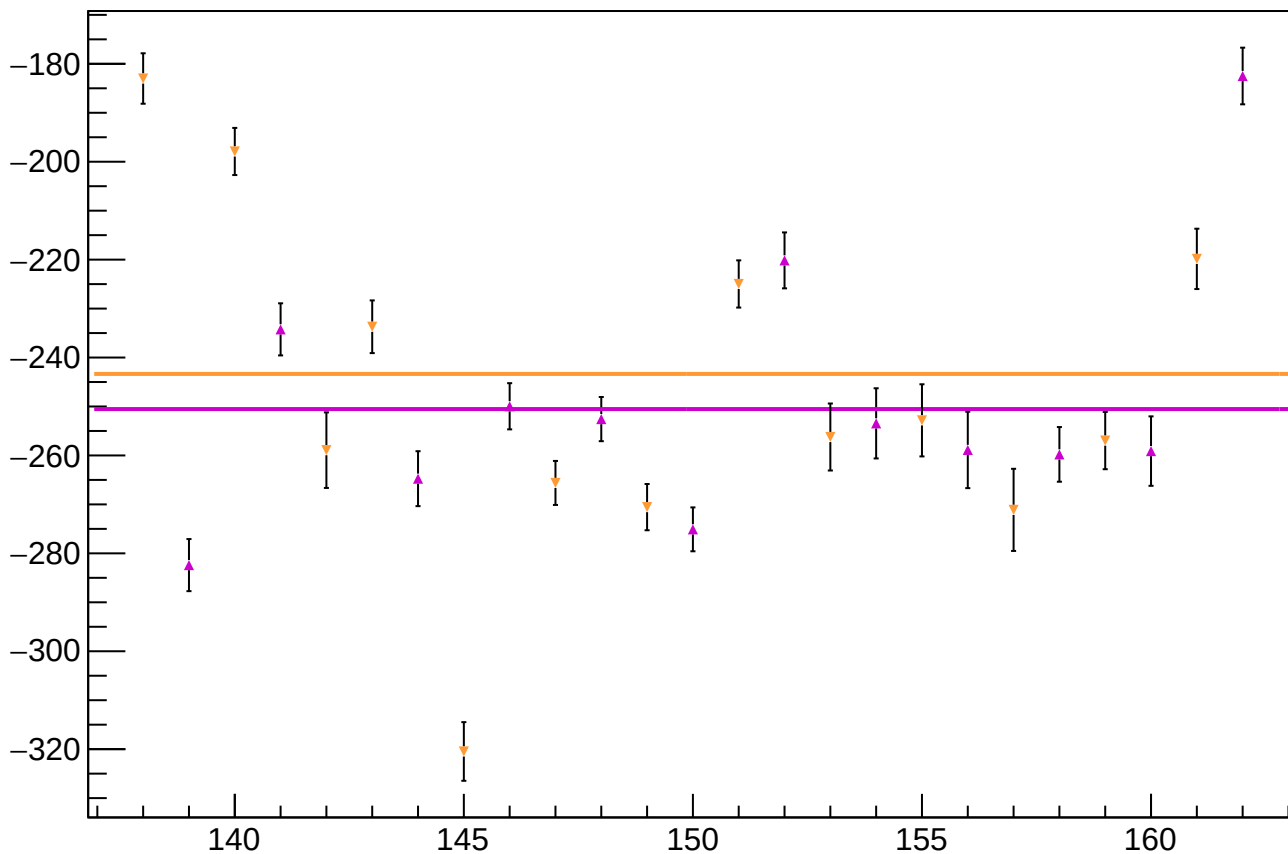
Right: -4.597+/-0.032 χ^2/NDF : 535394.7/35

In: 14.033+/-0.022 χ^2/NDF :545399.4/28

Out: 13.615+/-0.022 χ^2/NDF :783737.5/31

All: 13.831+/-0.015 χ^2/NDF : 1329318.1/60

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -243.346+/-1.568 χ^2/NDF : 507.6/12

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

Left In: -250.526+/-1.592 χ^2/NDF : 254.0/11

Left: -246.881+/-1.117 χ^2/NDF : 771.9/24

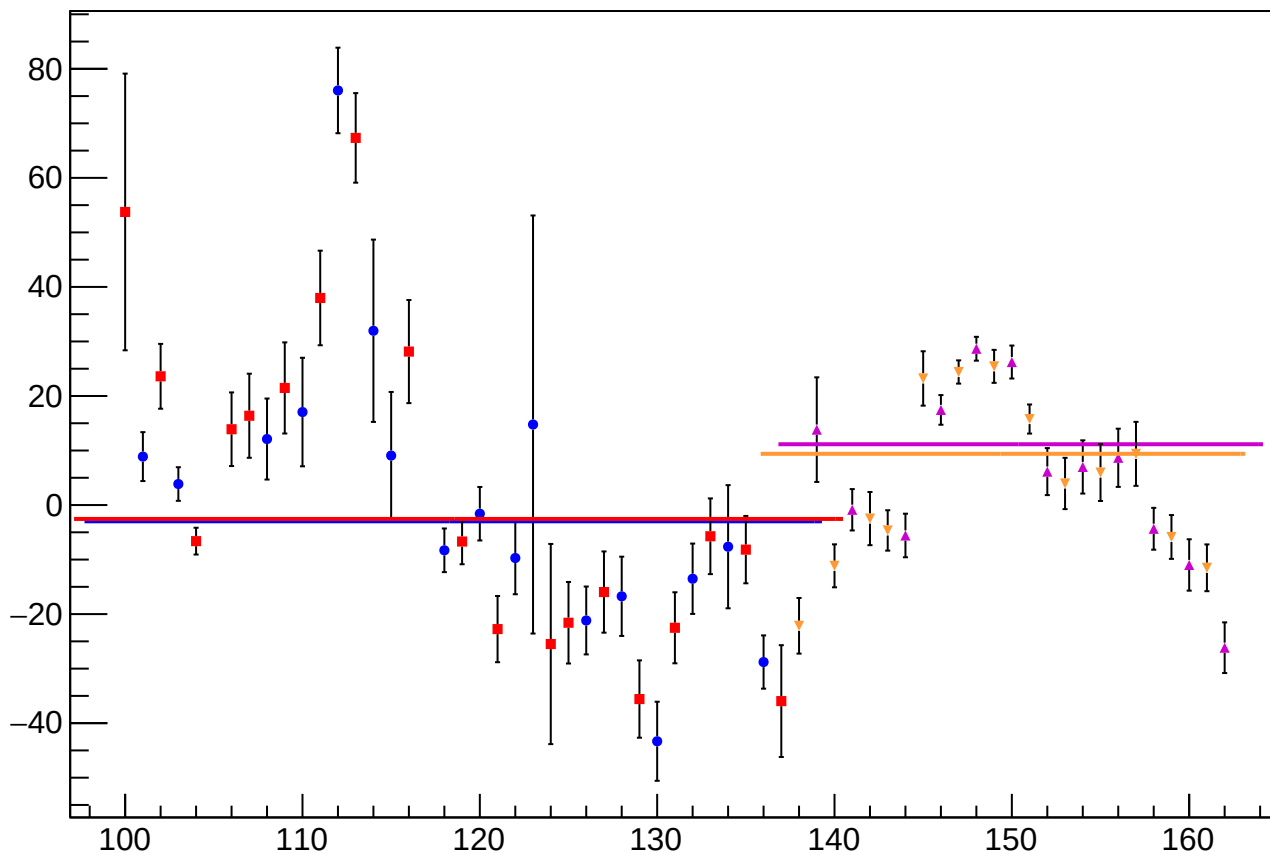
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.526+/-1.592 χ^2/NDF : 254.0/11

Out: -243.346+/-1.568 χ^2/NDF : 507.6/12

All: -246.881+/-1.117 χ^2/NDF : 771.9/24

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 9.397 ± 1.023 χ^2/NDF : 216.8/12

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

Left In: 11.150 ± 1.062 χ^2/NDF : 227.3/11

Left: 10.241 ± 0.737 χ^2/NDF : 445.4/24

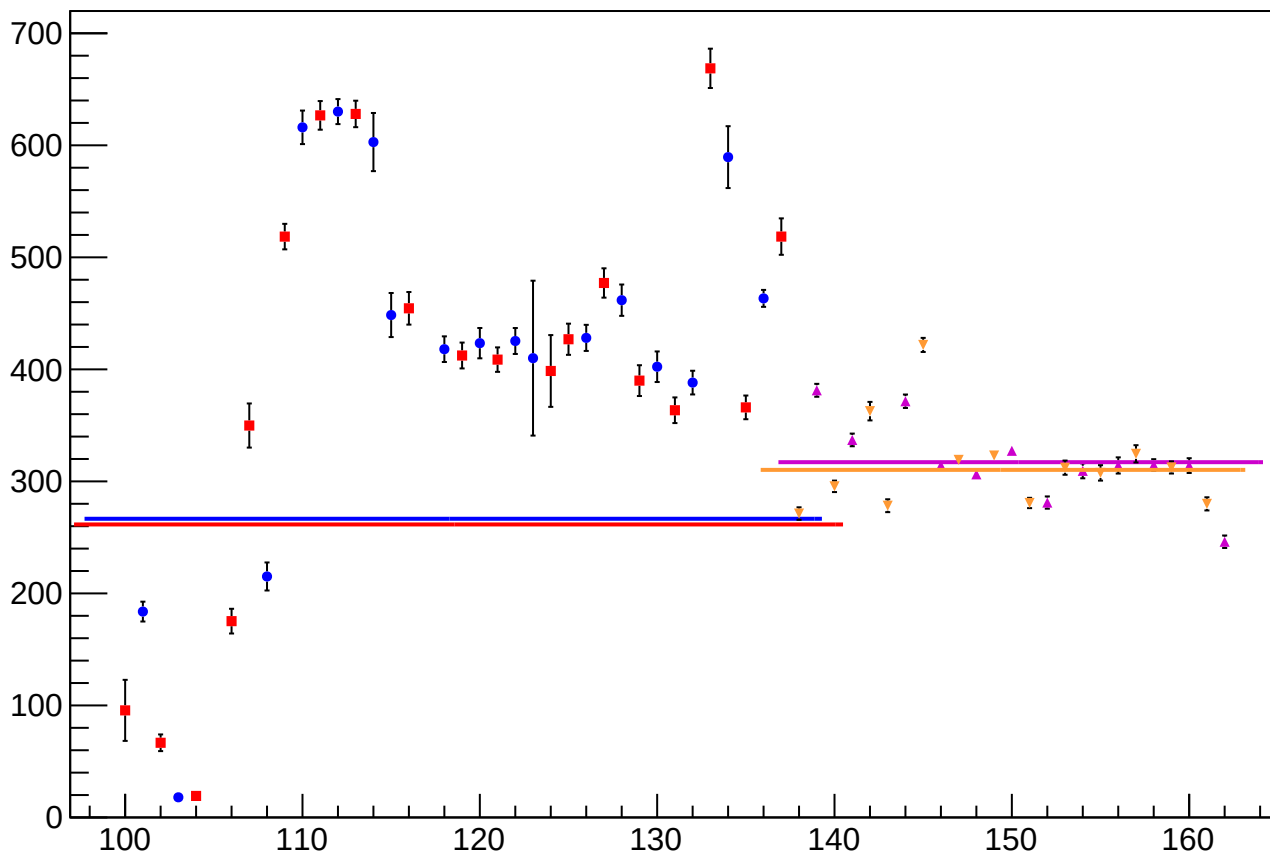
Right: -2.757 ± 1.007 χ^2/NDF : 422.1/35

In: 6.220 ± 0.857 χ^2/NDF : 493.0/28

Out: 5.234 ± 0.826 χ^2/NDF : 482.4/31

All: 5.709 ± 0.595 χ^2/NDF : 976.1/60

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 310.270 $\pm$ 1.540 χ^2 /NDF: 527.2/12

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

Left In: 317.144 $\pm$ 1.545 χ^2 /NDF: 439.3/11

Left: 313.697 $\pm$ 1.091 χ^2 /NDF: 976.4/24

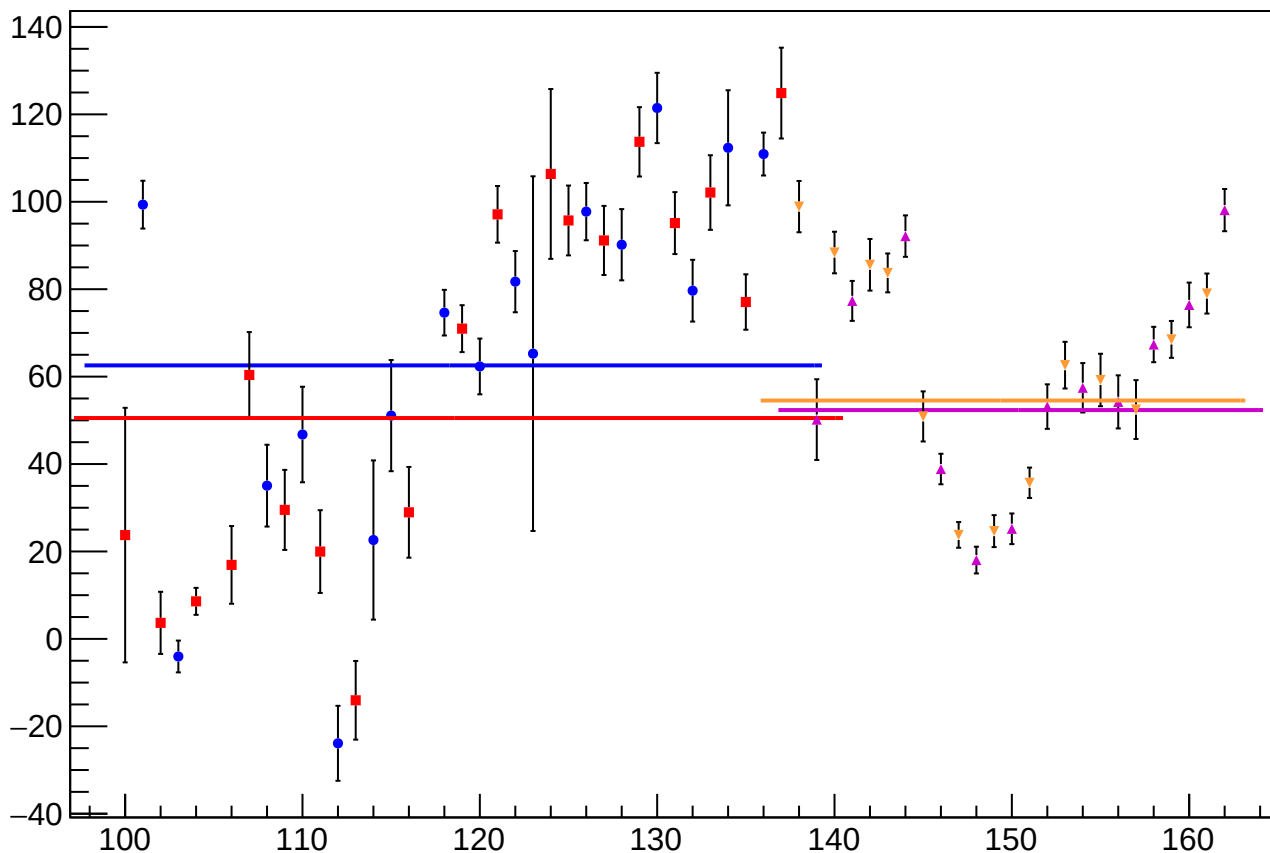
Right: 264.068 $\pm$ 1.745 χ^2 /NDF: 15873.0/35

In: 302.998 $\pm$ 1.311 χ^2 /NDF: 8401.5/28

Out: 296.529 $\pm$ 1.305 χ^2 /NDF: 9017.5/31

All: 299.750 $\pm$ 0.925 χ^2 /NDF: 17431.2/60

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 54.538+/-1.245 χ^2/NDF : 427.1/12

Right Out: 50.526+/-1.643 χ^2/NDF : 657.0/18

Left In: 52.348+/-1.276 χ^2/NDF : 427.8/11

Left: 53.471+/-0.891 χ^2/NDF : 856.4/24

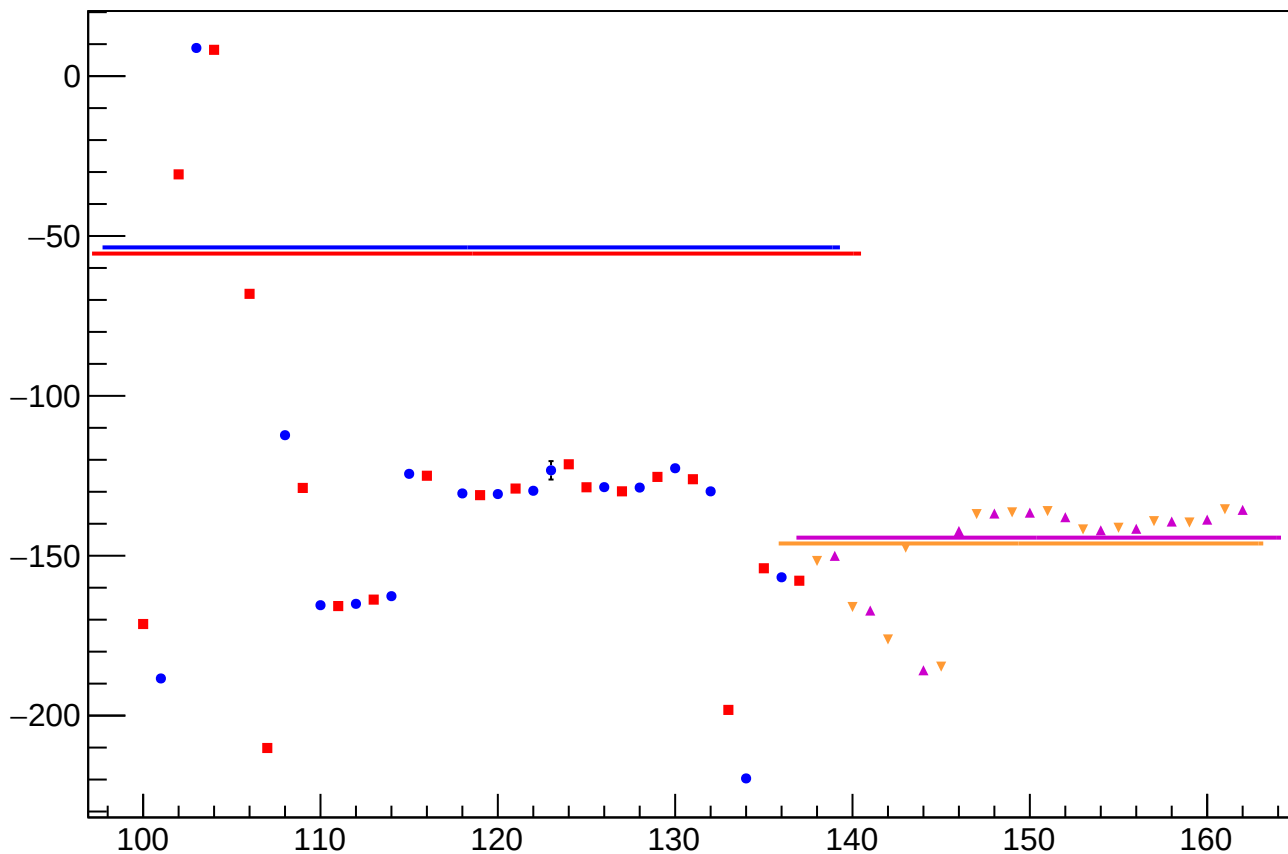
Right: 56.420+/-1.174 χ^2/NDF : 1405.7/35

In: 56.093+/-1.016 χ^2/NDF : 1173.7/28

Out: 53.075+/-0.992 χ^2/NDF : 1087.9/31

All: 54.549+/-0.710 χ^2/NDF : 2266.1/60

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Left Out: -146.170 $\pm$ 0.062 χ^2 /NDF: 53063.7/12

Right Out: -55.502 $\pm$ 0.072 χ^2 /NDF: 969632.0/18

Left In: -144.344 $\pm$ 0.061 χ^2 /NDF: 43295.3/11

Left: -145.248 $\pm$ 0.044 χ^2 /NDF: 96798.6/24

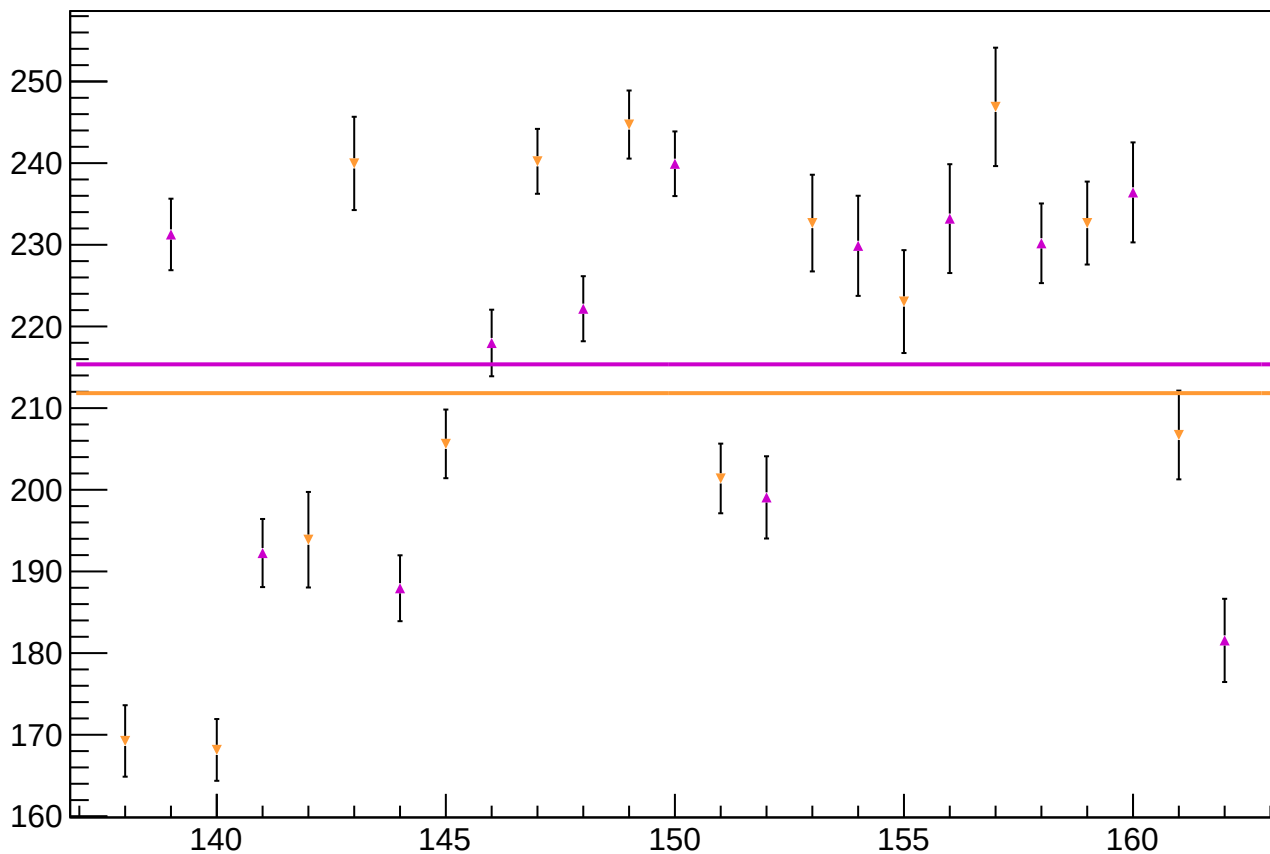
Right: -54.512 $\pm$ 0.050 χ^2 /NDF: 2200235.7/35

In: -105.148 $\pm$ 0.046 χ^2 /NDF: 2221681.4/28

Out: -107.608 $\pm$ 0.047 χ^2 /NDF: 1936386.9/31

All: -106.359 $\pm$ 0.033 χ^2 /NDF: 4159465.6/60

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: 211.834+/-1.337 χ^2/NDF :439.9/12

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

Left In: 215.361+/-1.344 χ^2/NDF :220.2/11

Left: 213.588+/-0.948 χ^2/NDF : 663.6/24

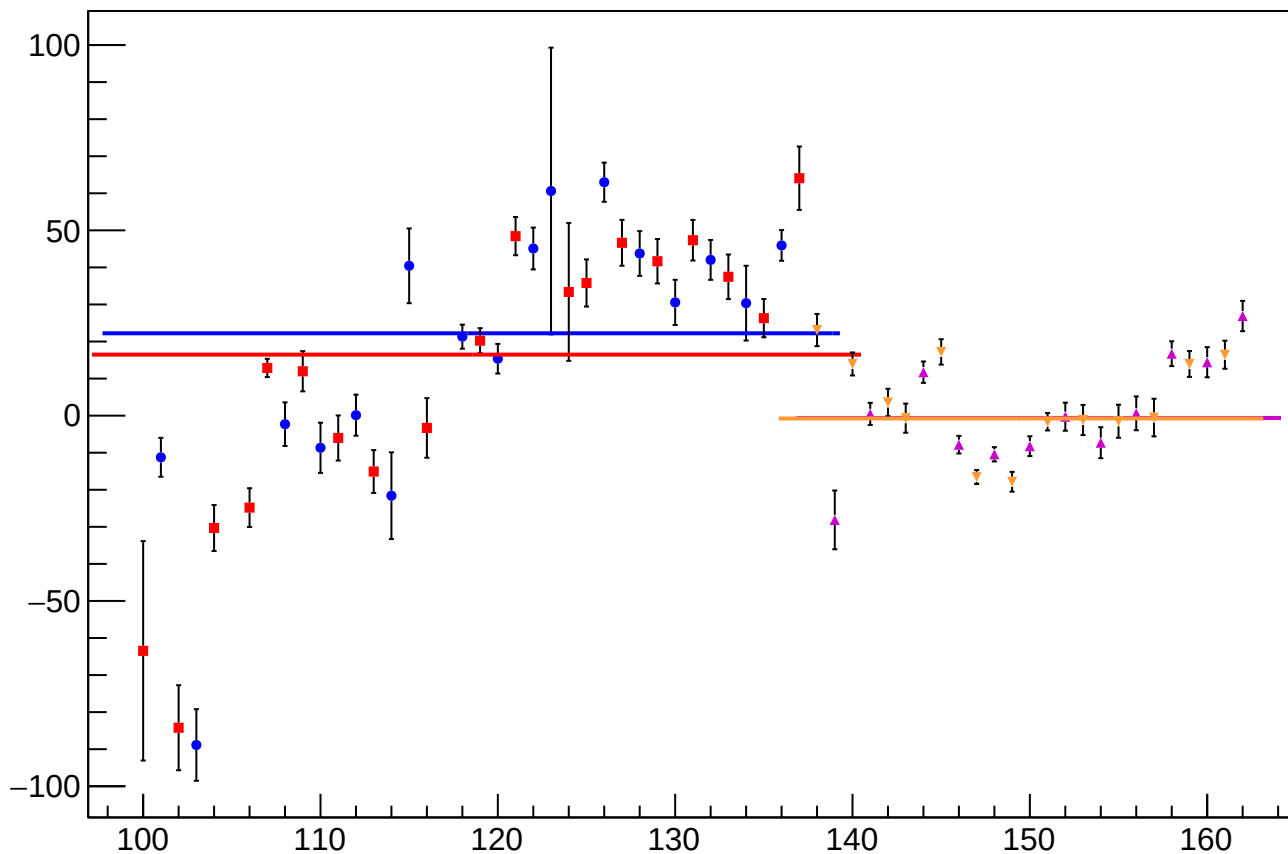
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.361+/-1.344 χ^2/NDF :220.2/11

Out: 211.834+/-1.337 χ^2/NDF :439.9/12

All: 213.588+/-0.948 χ^2/NDF : 663.6/24

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221+/-1.374 χ^2/NDF : 385.6/16

Left Out: -0.763+/-0.883 χ^2/NDF : 231.0/12

Right Out: 16.466+/-1.230 χ^2/NDF : 425.9/18

Left In: -0.628+/-0.906 χ^2/NDF : 161.9/11

Left: -0.697+/-0.632 χ^2/NDF : 393.0/24

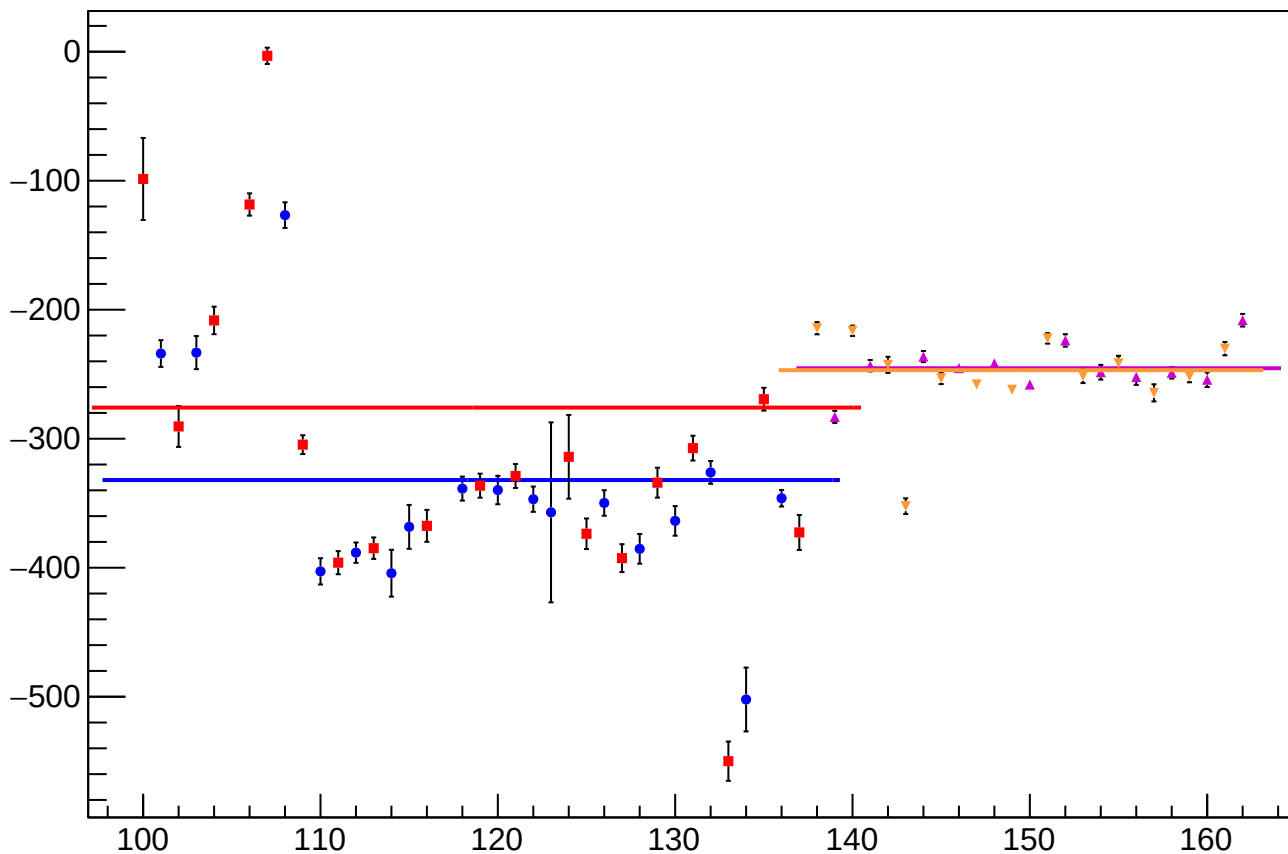
Right: 19.025+/-0.916 χ^2/NDF : 821.2/35

In: 6.297+/-0.756 χ^2/NDF : 740.3/28

Out: 5.097+/-0.717 χ^2/NDF : 786.5/31

All: 5.665+/-0.520 χ^2/NDF : 1528.2/60

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037+/-2.562 χ^2/NDF : 784.9/16

Left Out: -246.881+/-1.319 χ^2/NDF : 486.8/12

Right Out: -275.853+/-2.324 χ^2/NDF : 3362.8/18

Left In: -245.350+/-1.312 χ^2/NDF : 162.8/11

Left: -246.111+/-0.930 χ^2/NDF : 650.3/24

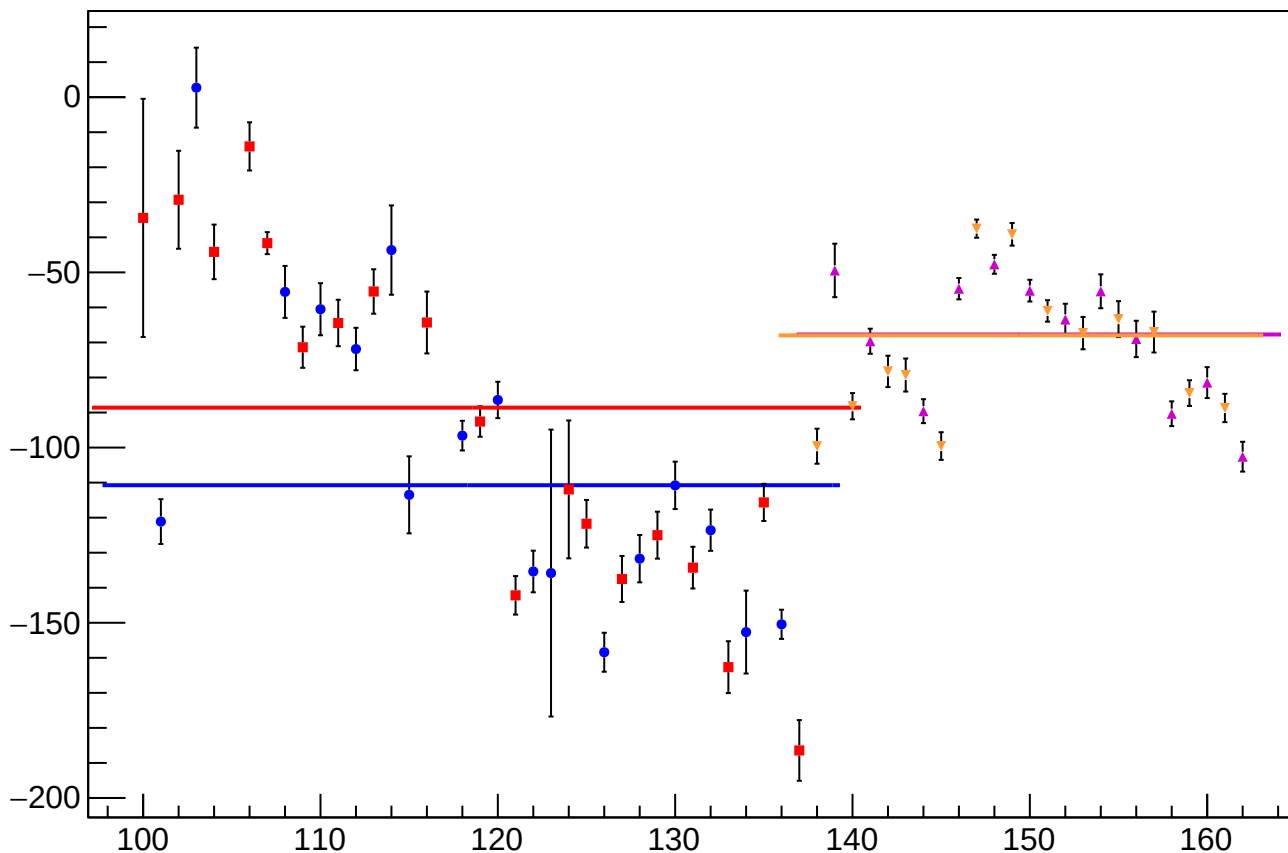
Right: -301.220+/-1.721 χ^2/NDF : 4411.6/35

In: -263.352+/-1.167 χ^2/NDF : 1854.8/28

Out: -253.938+/-1.147 χ^2/NDF : 3967.2/31

All: -258.562+/-0.818 χ^2/NDF : 5855.1/60

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -67.979 ± 1.071 χ^2/NDF : 414.3/12

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

Left In: -67.728 ± 1.087 χ^2/NDF : 262.2/11

Left: -67.855 ± 0.763 χ^2/NDF : 676.5/24

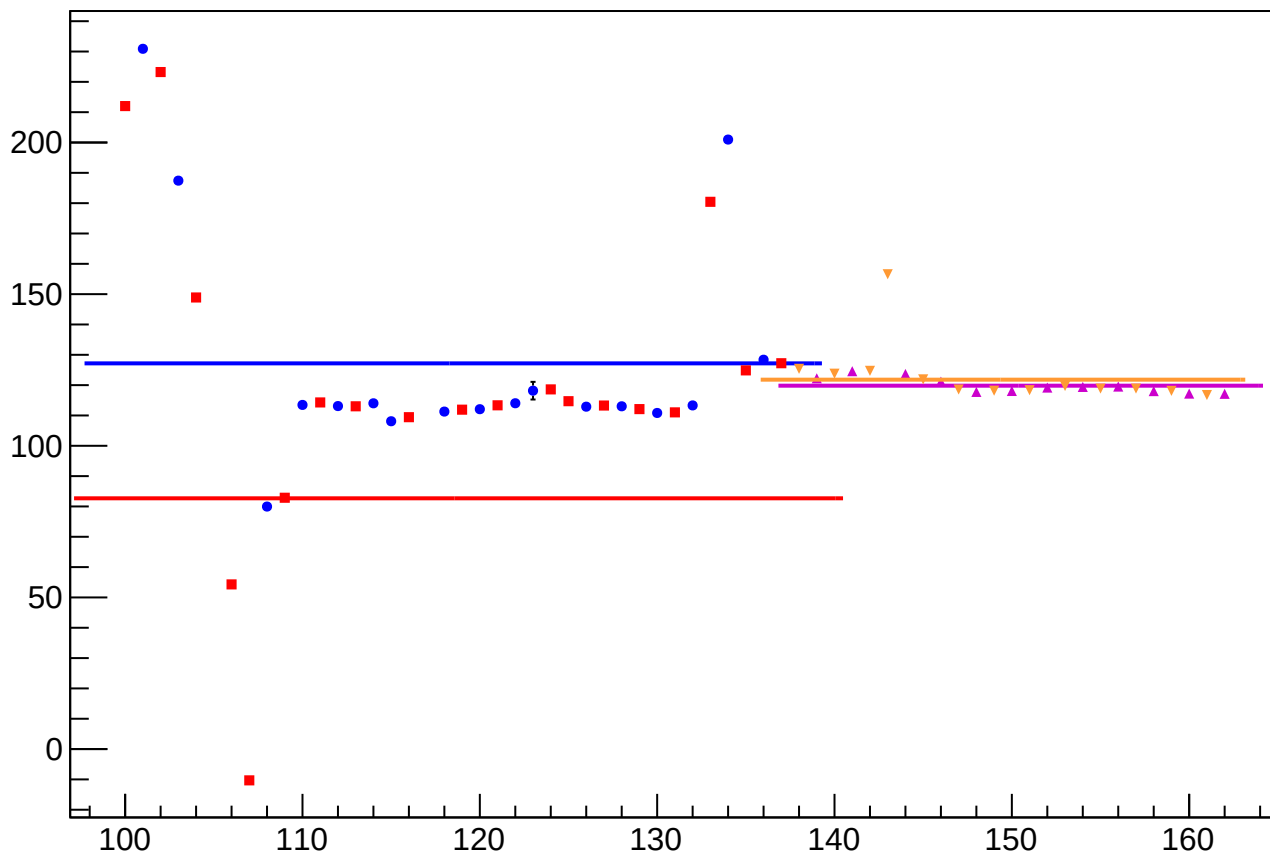
Right: -98.623 ± 1.061 χ^2/NDF : 1591.0/35

In: -81.573 ± 0.895 χ^2/NDF : 1279.8/28

Out: -75.363 ± 0.858 χ^2/NDF : 1516.7/31

All: -78.339 ± 0.620 χ^2/NDF : 2821.6/60

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 121.804+/-0.053 χ^2/NDF : 23630.0/12

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

Left In: 119.820+/-0.052 χ^2/NDF : 2170.2/11

Left: 120.796+/-0.037 χ^2/NDF : 26514.8/24

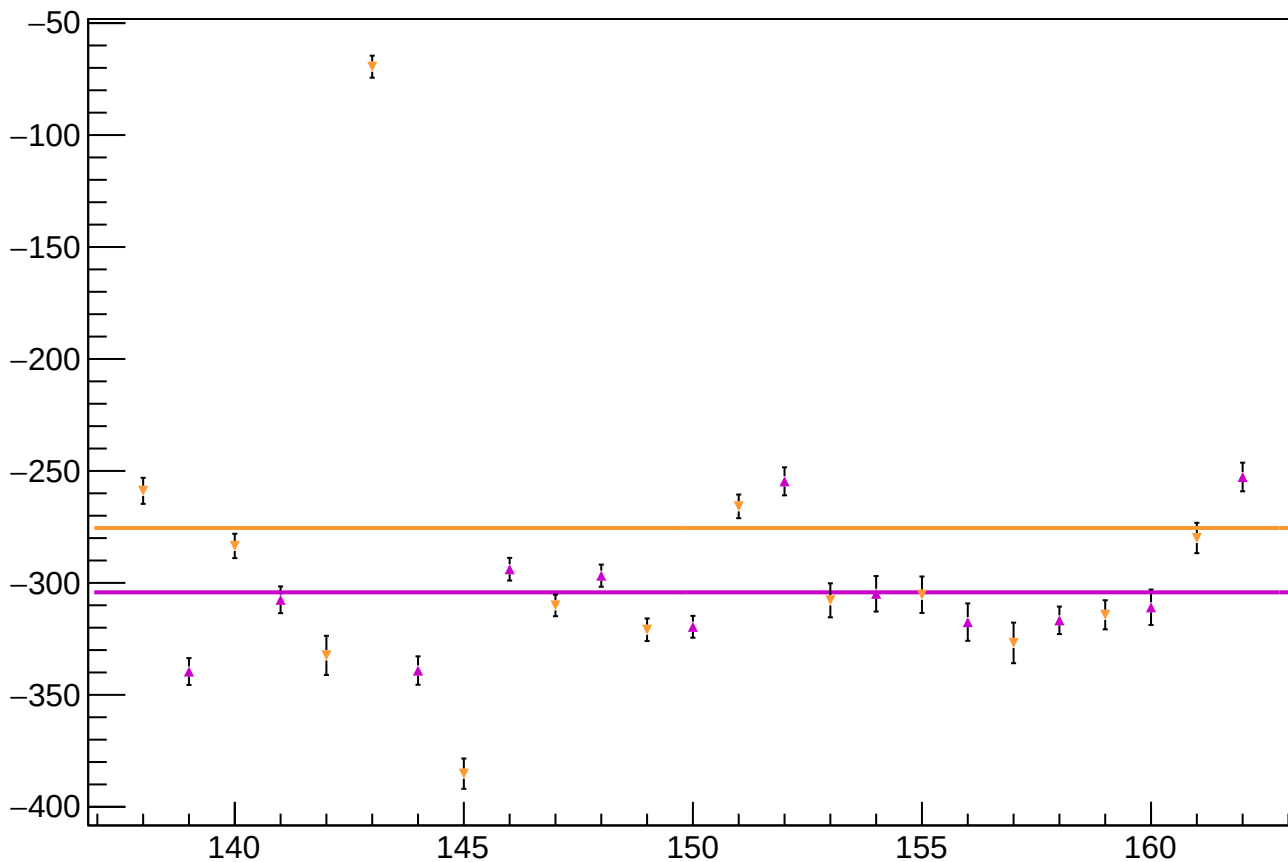
Right: 101.242+/-0.057 χ^2/NDF : 1099401.9/35

In: 121.695+/-0.045 χ^2/NDF : 195313.9/28

Out: 108.874+/-0.043 χ^2/NDF : 970038.9/31

All: 115.045+/-0.031 χ^2/NDF : 1207573.5/60

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -275.473 $\pm$ 1.696 χ^2/NDF :2301.7/12

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

Left In: -304.215 $\pm$ 1.753 χ^2/NDF :216.9/11

Left: -289.364 $\pm$ 1.219 χ^2/NDF : 2657.4/24

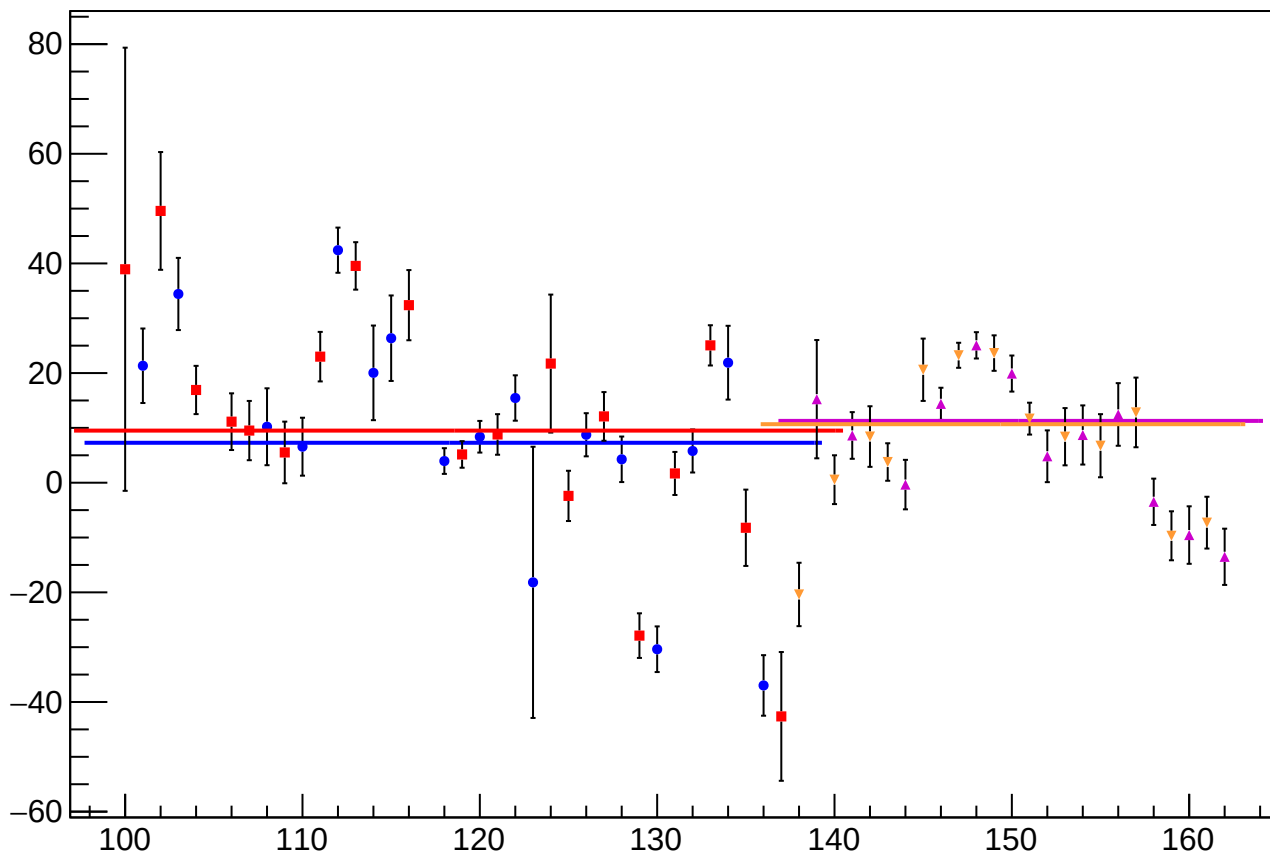
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -304.215 $\pm$ 1.753 χ^2/NDF :216.9/11

Out: -275.473 $\pm$ 1.696 χ^2/NDF :2301.7/12

All: -289.364 $\pm$ 1.219 χ^2/NDF : 2657.4/24

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 10.674 ± 1.103 χ^2/NDF : 123.8/12

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

Left In: 11.277 ± 1.166 χ^2/NDF : 101.6/11

Left: 10.958 ± 0.801 χ^2/NDF : 225.5/24

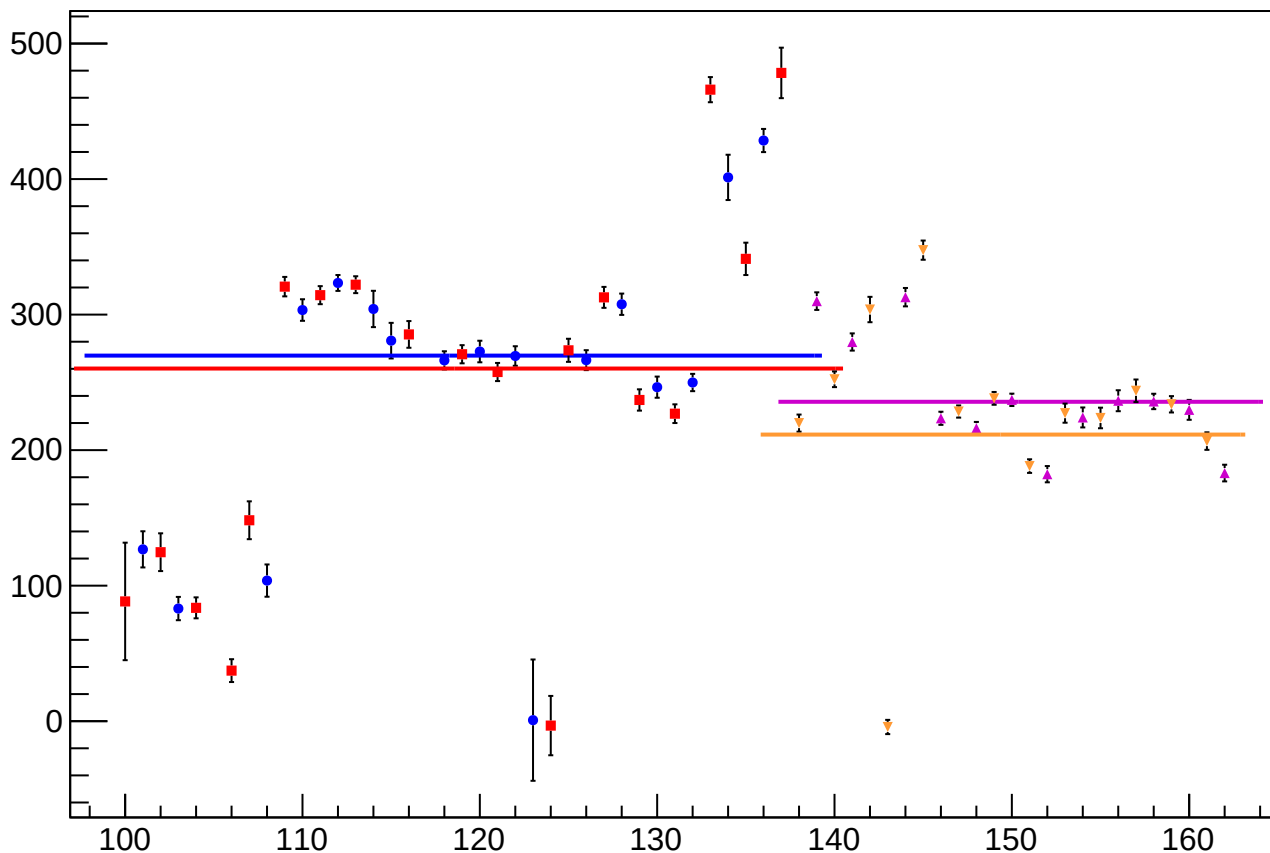
Right: 8.404 ± 0.763 χ^2/NDF : 494.7/35

In: 9.134 ± 0.794 χ^2/NDF : 368.9/28

Out: 10.074 ± 0.770 χ^2/NDF : 355.9/31

All: 9.618 ± 0.553 χ^2/NDF : 725.5/60

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 211.479 $\pm$ 1.668 χ^2 /NDF:2307.7/12

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

Left In: 235.674 $\pm$ 1.699 χ^2 /NDF:488.3/11

Left: 223.350 $\pm$ 1.190 χ^2 /NDF: 2899.3/24

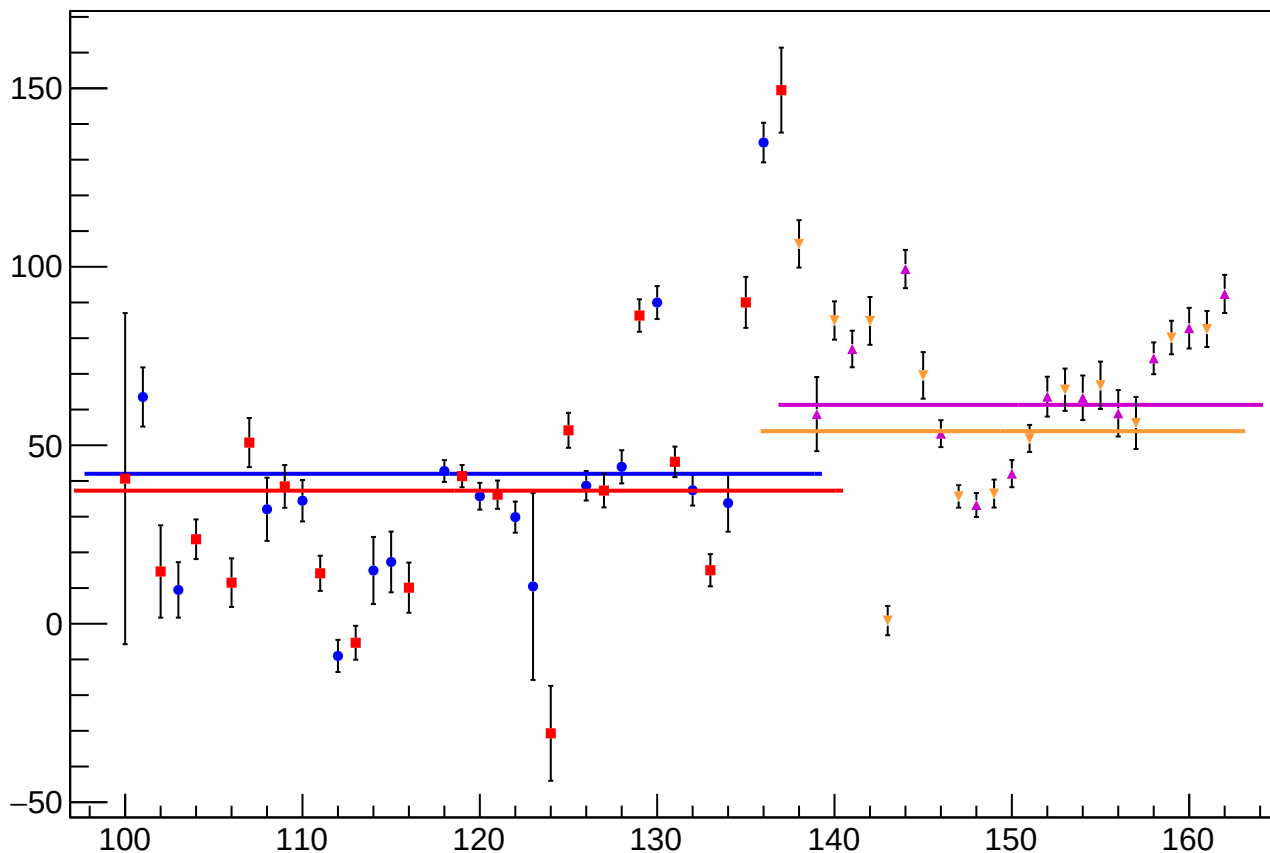
Right: 264.757 $\pm$ 1.430 χ^2 /NDF: 3926.7/35

In: 249.379 $\pm$ 1.314 χ^2 /NDF:2024.1/28

Out: 231.726 $\pm$ 1.275 χ^2 /NDF:5204.0/31

All: 240.288 $\pm$ 0.915 χ^2 /NDF: 7321.1/60

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 $\pm$ 1.255 χ^2 /NDF: 575.6/16

Left Out: 53.948 $\pm$ 1.344 χ^2 /NDF:416.1/12

Right Out: 37.284 $\pm$ 1.237 χ^2 /NDF: 472.6/18

Left In: 61.319 $\pm$ 1.403 χ^2 /NDF:217.0/11

Left: 57.475 $\pm$ 0.971 χ^2 /NDF: 647.5/24

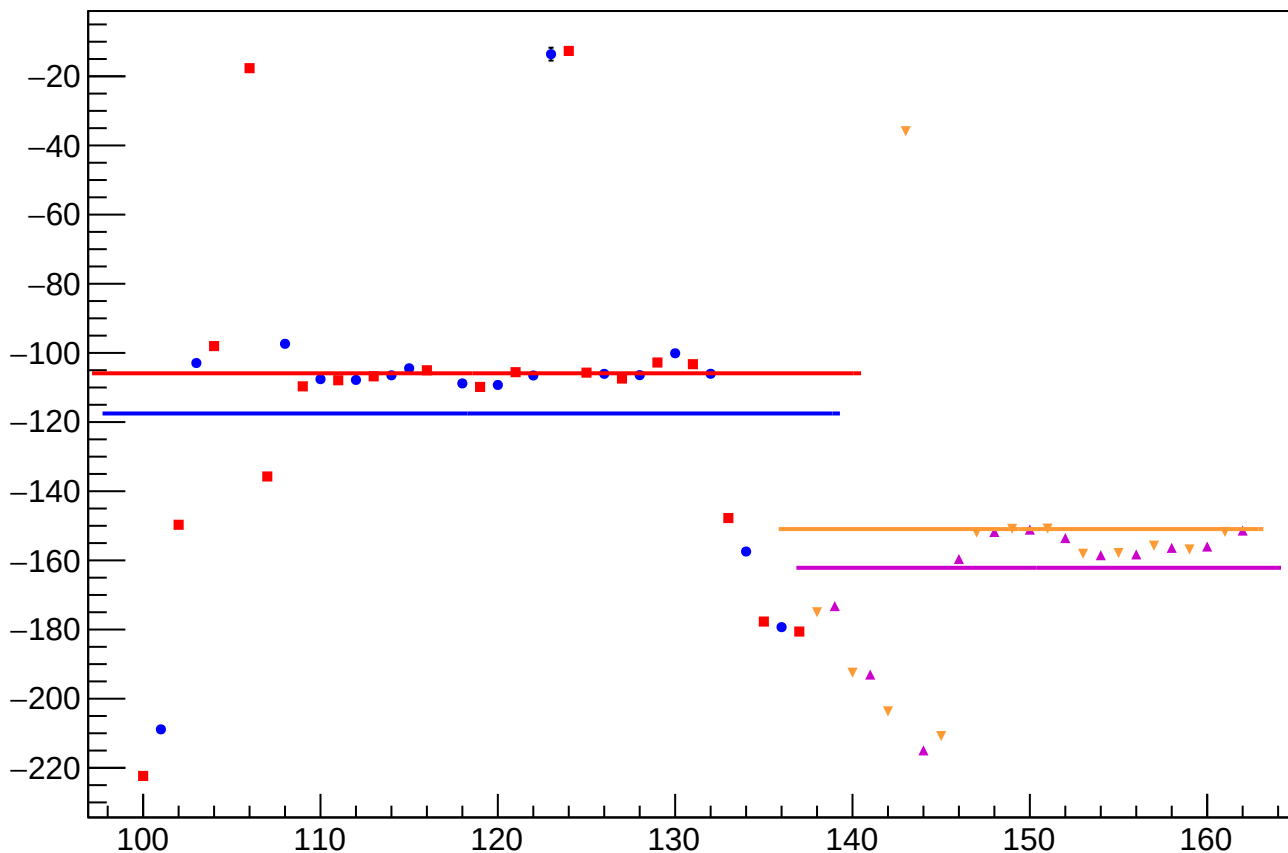
Right: 39.611 $\pm$ 0.881 χ^2 /NDF: 1055.4/35

In: 50.594 $\pm$ 0.936 χ^2 /NDF:897.8/28

Out: 44.927 $\pm$ 0.910 χ^2 /NDF:971.9/31

All: 47.683 $\pm$ 0.652 χ^2 /NDF: 1888.6/60

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -150.945+/-0.067 χ^2/NDF : 403236.4/12

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

Left In: -162.143+/-0.067 χ^2/NDF : 59452.7/11

Left: -156.512+/-0.048 χ^2/NDF : 476559.9/24

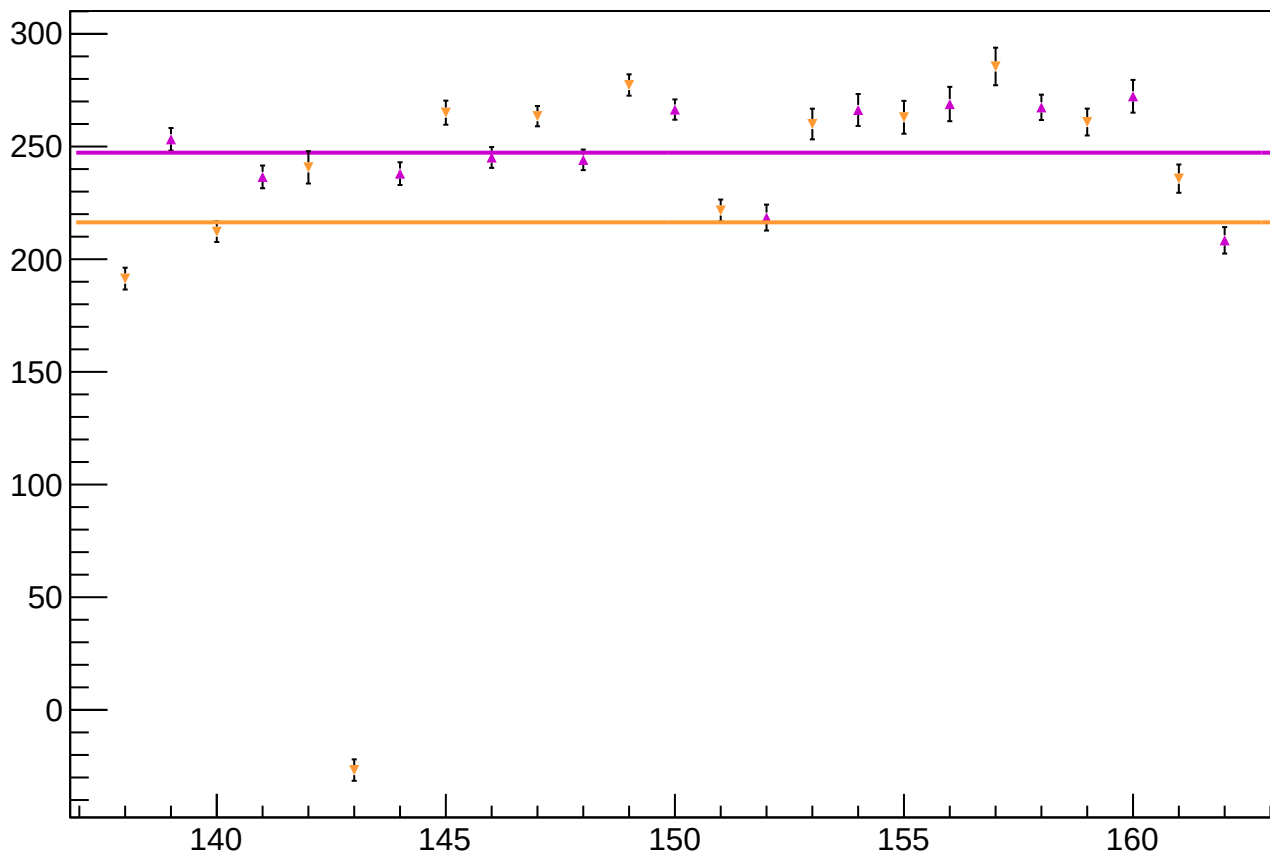
Right: -111.303+/-0.053 χ^2/NDF : 478188.8/35

In: -143.058+/-0.051 χ^2/NDF : 388817.7/28

Out: -130.272+/-0.049 χ^2/NDF : 934793.6/31

All: -136.449+/-0.035 χ^2/NDF : 1356088.8/60

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: 216.361+/-1.518 χ^2/NDF : 3228.7/12

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

Left In: 247.275+/-1.563 χ^2/NDF : 136.8/11

Left: 231.363+/-1.089 χ^2/NDF : 3566.8/24

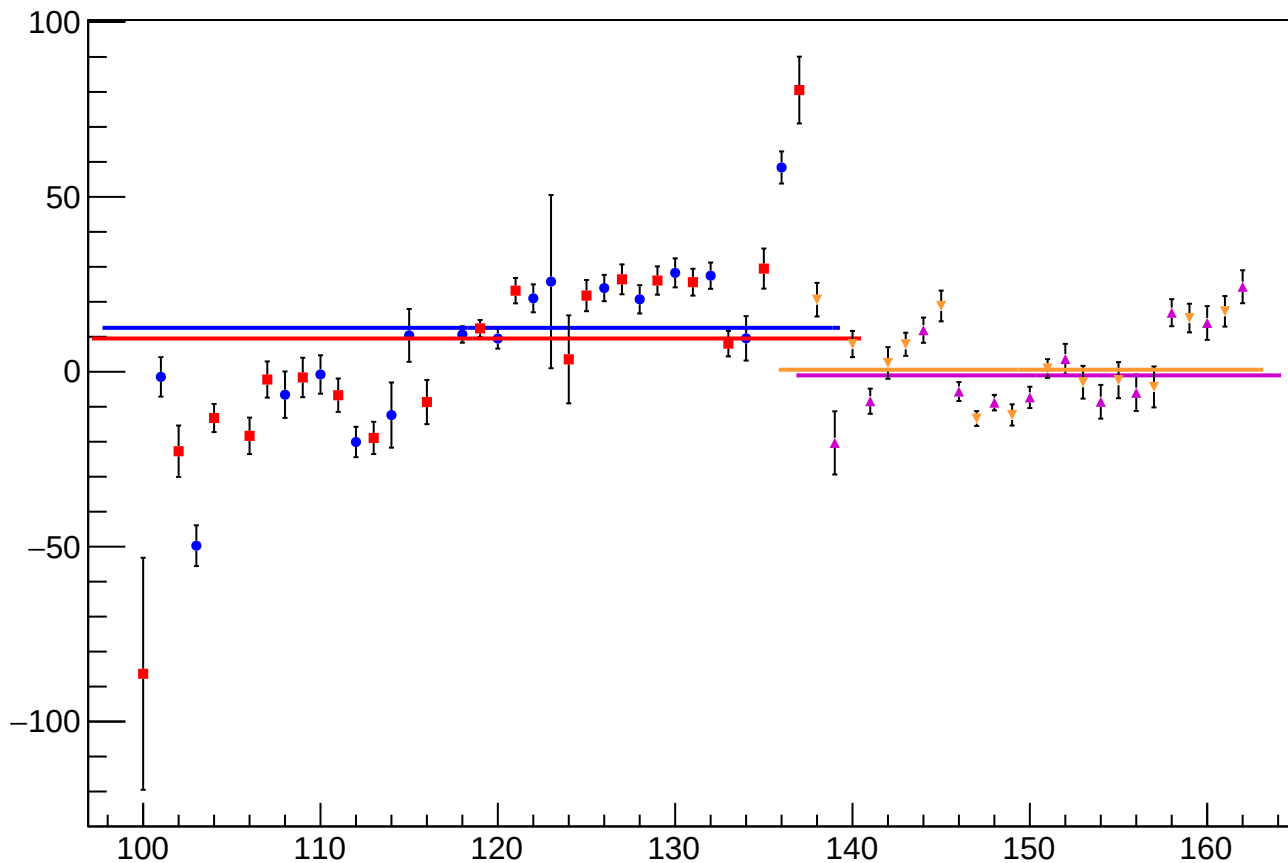
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.275+/-1.563 χ^2/NDF : 136.8/11

Out: 216.361+/-1.518 χ^2/NDF : 3228.7/12

All: 231.363+/-1.089 χ^2/NDF : 3566.8/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561+/-1.056 χ^2/NDF : 347.7/16

Left Out: 0.585+/-1.000 χ^2/NDF :133.9/12

Right Out: 9.519+/-1.051 χ^2/NDF : 296.2/18

Left In: -1.034+/-1.051 χ^2/NDF :105.8/11

Left: -0.184+/-0.725 χ^2/NDF : 240.9/24

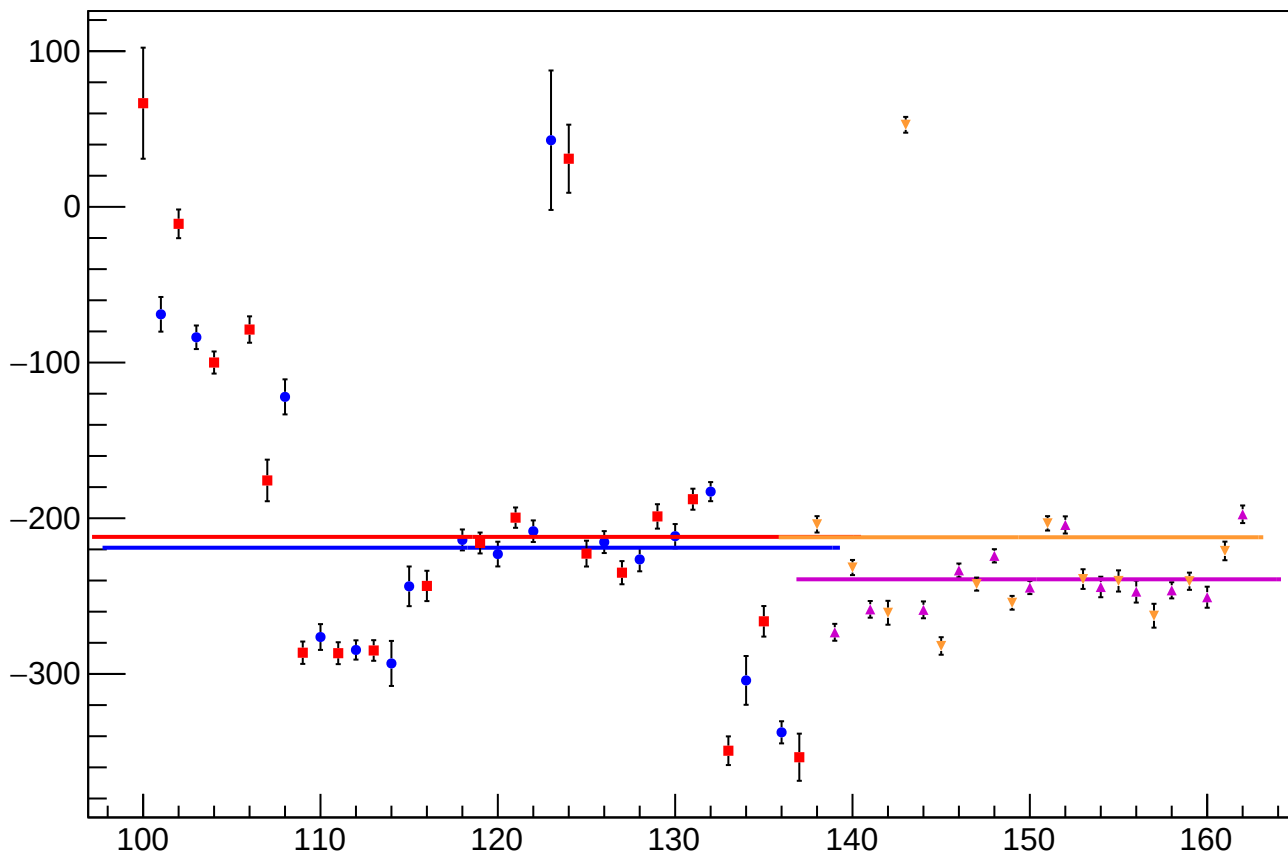
Right: 11.033+/-0.745 χ^2/NDF : 648.2/35

In: 5.736+/-0.745 χ^2/NDF :536.8/28

Out: 4.833+/-0.724 χ^2/NDF :468.0/31

All: 5.272+/-0.519 χ^2/NDF : 1005.6/60

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -212.208 ± 1.500 $\chi^2/\text{NDF}: 3188.4/12$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

Left In: -239.218 ± 1.522 $\chi^2/\text{NDF}: 182.5/11$

Left: -225.511 ± 1.068 $\chi^2/\text{NDF}: 3530.7/24$

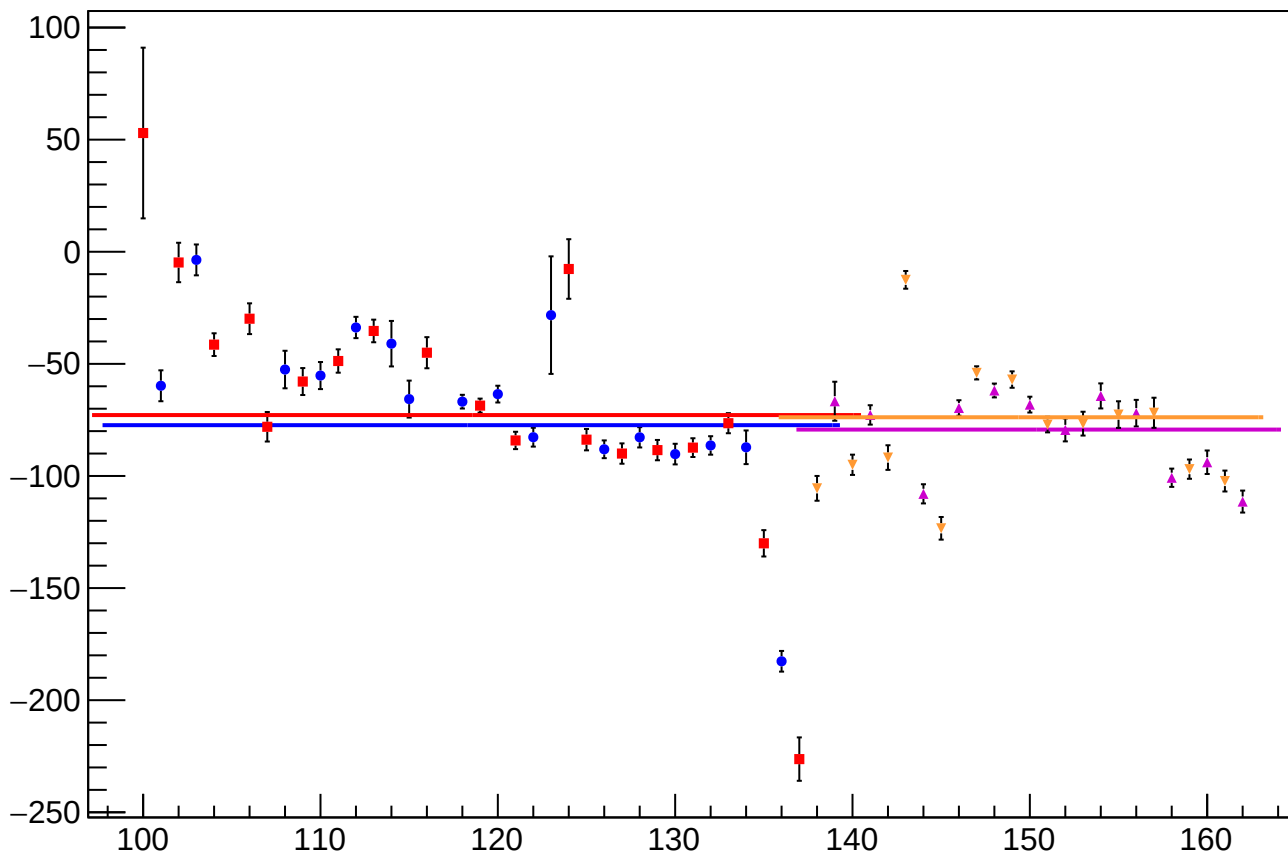
Right: -215.302 ± 1.389 $\chi^2/\text{NDF}: 3039.1/35$

In: -231.803 ± 1.213 $\chi^2/\text{NDF}: 1394.1/28$

Out: -212.117 ± 1.183 $\chi^2/\text{NDF}: 5074.5/31$

All: -221.716 ± 0.847 $\chi^2/\text{NDF}: 6603.7/60$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -73.814 ± 1.216 χ^2/NDF : 536.2/12

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

Left In: -79.311 ± 1.263 χ^2/NDF : 186.1/11

Left: -76.458 ± 0.876 χ^2/NDF : 732.1/24

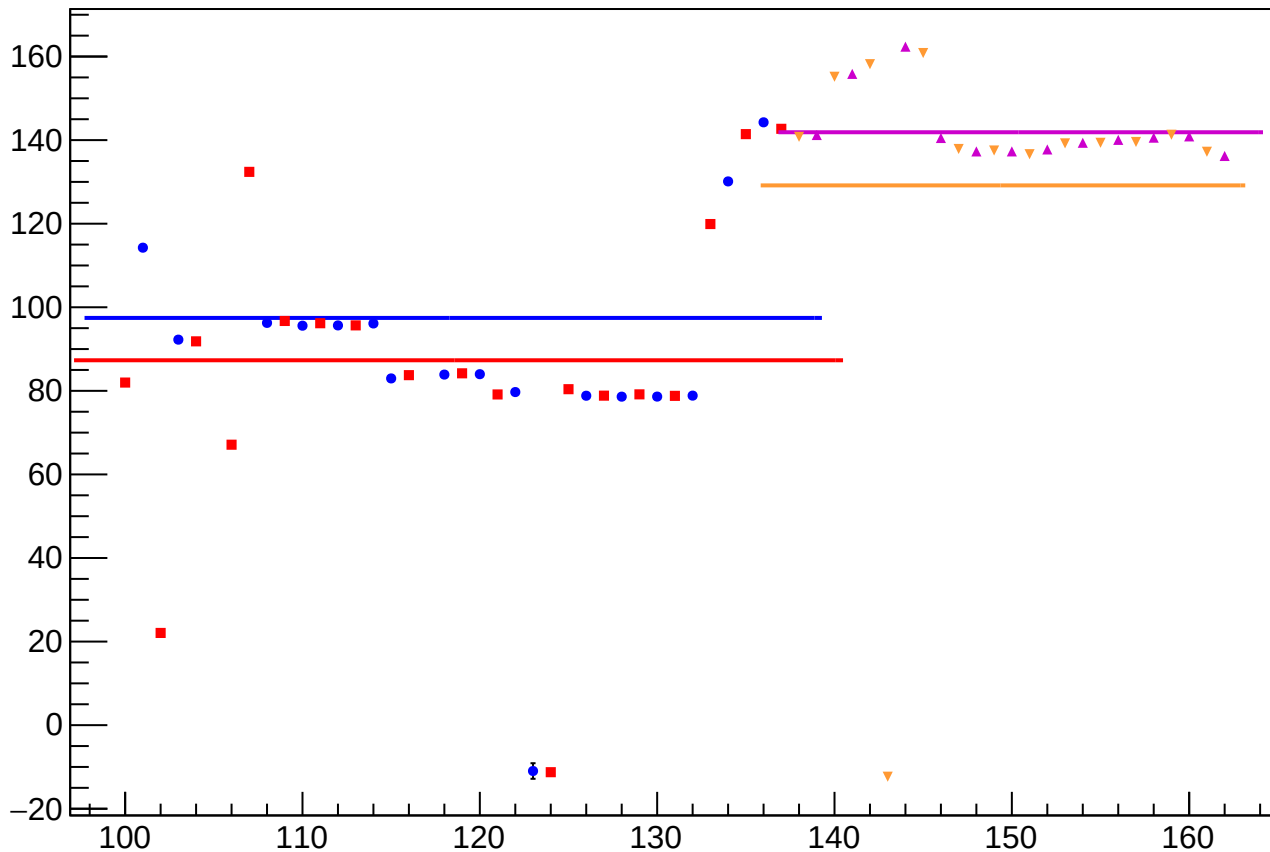
Right: -75.069 ± 0.858 χ^2/NDF : 1497.0/35

In: -78.292 ± 0.877 χ^2/NDF : 1004.6/28

Out: -73.322 ± 0.857 χ^2/NDF : 1209.4/31

All: -75.749 ± 0.613 χ^2/NDF : 2230.4/60

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 129.164 $\pm$ 0.060 χ^2 /NDF: 548438.1/12

Right Out: 87.315 $\pm$ 0.068 χ^2 /NDF: 221837.7/18

Left In: 141.882 $\pm$ 0.060 χ^2 /NDF: 14232.4/11

Left: 135.505 $\pm$ 0.043 χ^2 /NDF: 584918.9/24

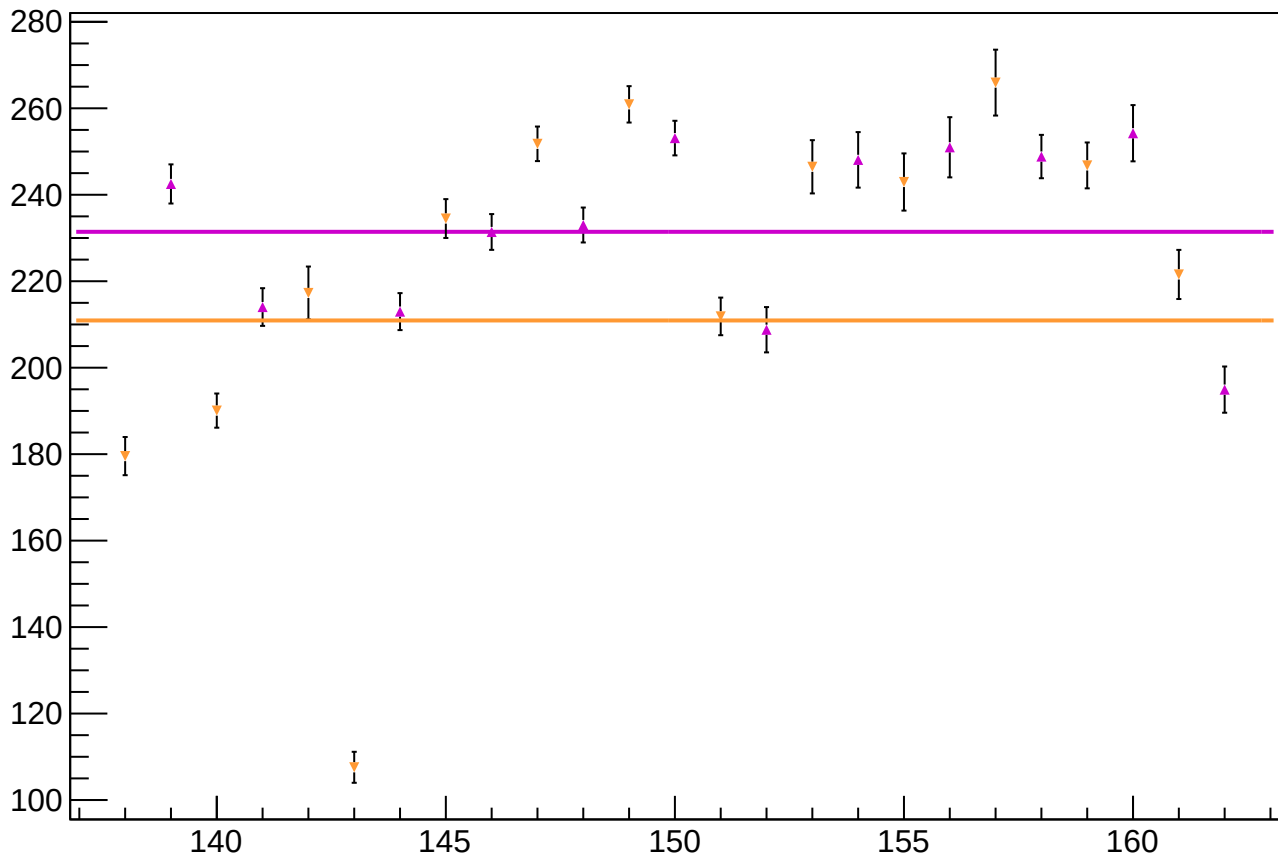
Right: 92.024 $\pm$ 0.050 χ^2 /NDF: 326563.7/35

In: 123.913 $\pm$ 0.047 χ^2 /NDF: 327735.3/28

Out: 110.847 $\pm$ 0.045 χ^2 /NDF: 981748.0/31

All: 117.174 $\pm$ 0.032 χ^2 /NDF: 1350046.8/60

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: 210.926+/-1.320 χ^2/NDF :1341.7/12

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

Left In: 231.430+/-1.389 χ^2/NDF :174.3/11

Left: 220.651+/-0.957 χ^2/NDF : 1630.5/24

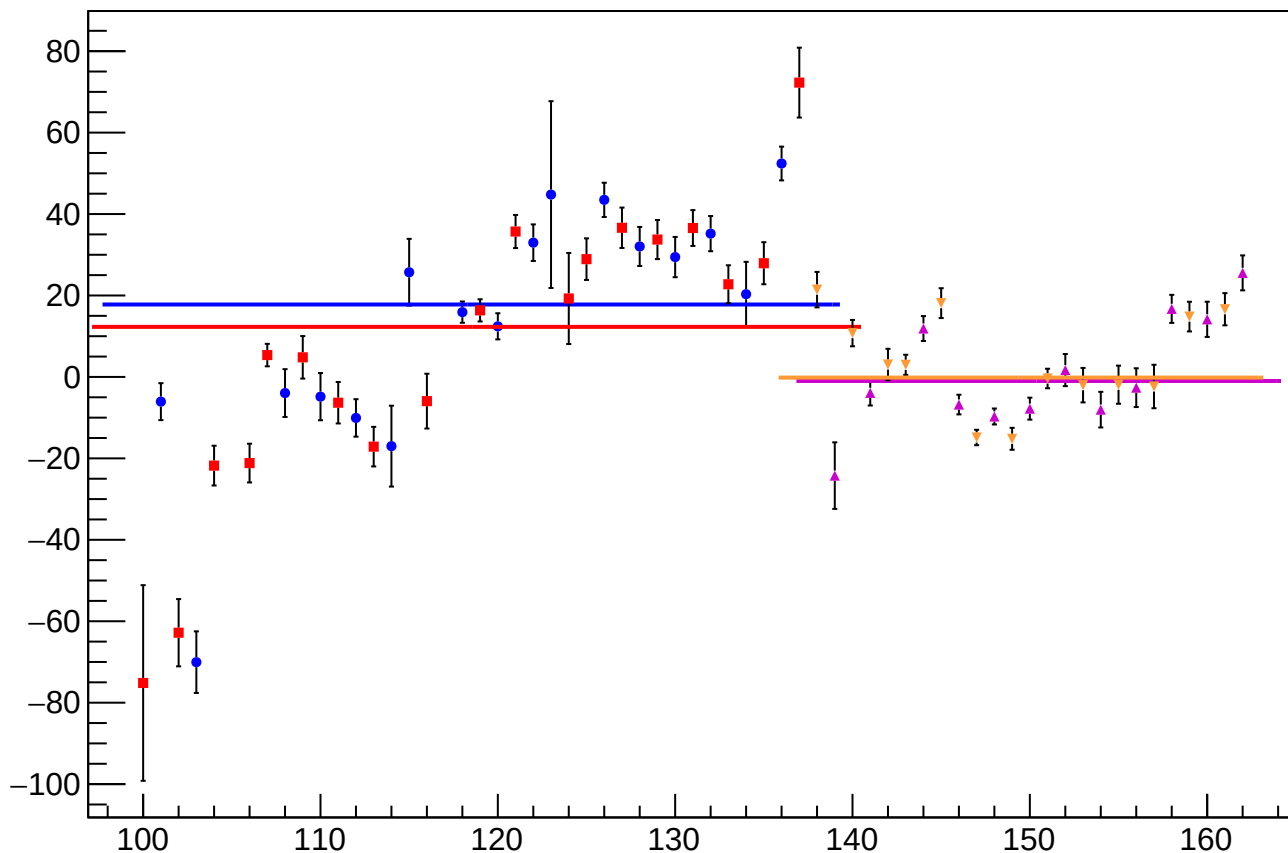
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.430+/-1.389 χ^2/NDF :174.3/11

Out: 210.926+/-1.320 χ^2/NDF :1341.7/12

All: 220.651+/-0.957 χ^2/NDF : 1630.5/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 ± 1.146 χ^2/NDF : 395.1/16

Left Out: -0.164 ± 0.871 χ^2/NDF : 190.0/12

Right Out: 12.294 ± 1.086 χ^2/NDF : 443.7/18

Left In: -0.992 ± 0.933 χ^2/NDF : 138.8/11

Left: -0.550 ± 0.637 χ^2/NDF : 329.3/24

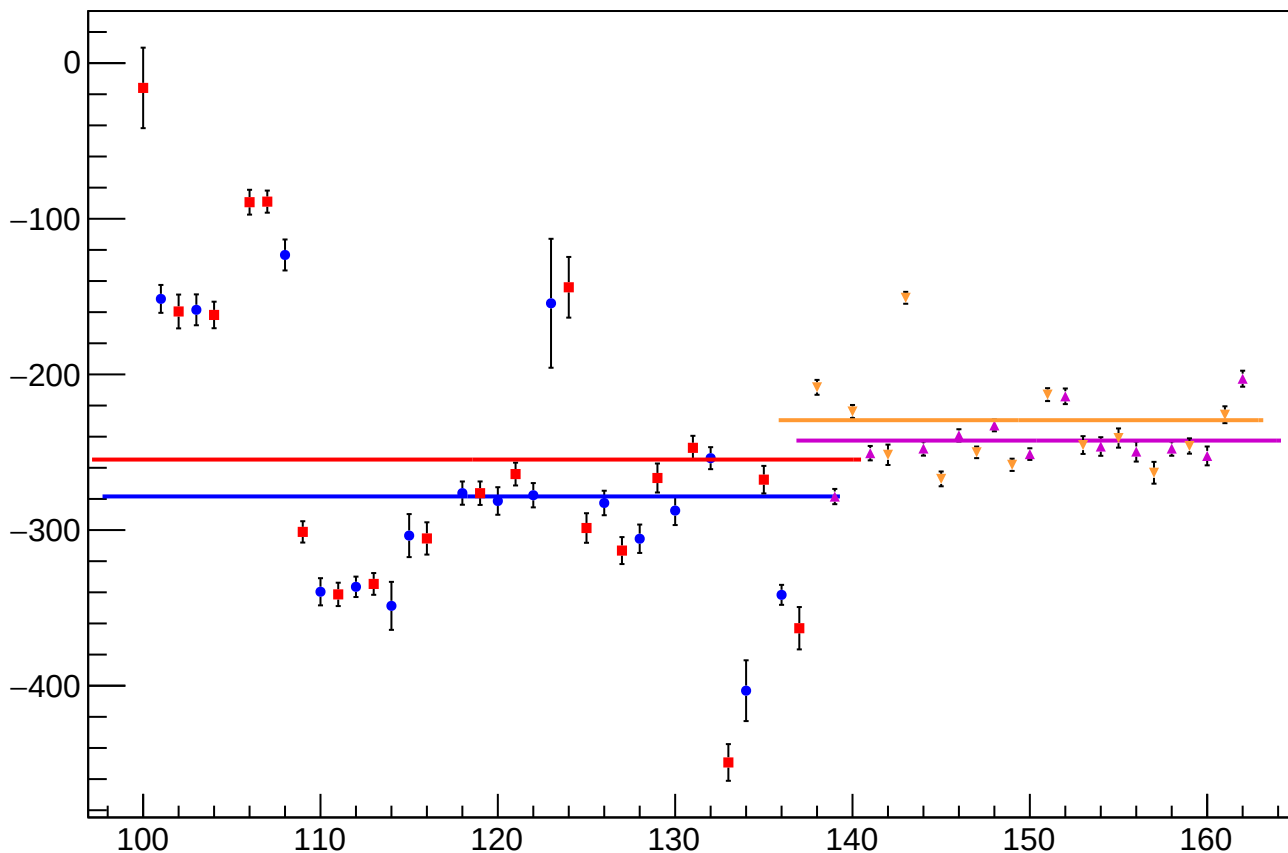
Right: 14.891 ± 0.788 χ^2/NDF : 850.9/35

In: 6.489 ± 0.724 χ^2/NDF : 695.4/28

Out: 4.711 ± 0.679 χ^2/NDF : 713.9/31

All: 5.544 ± 0.495 χ^2/NDF : 1412.5/60

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393 ± 2.168 χ^2/NDF : 910.5/16

Left Out: -229.408 ± 1.310 χ^2/NDF : 663.4/12

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

Left In: -242.502 ± 1.355 χ^2/NDF : 168.2/11

Left: -235.732 ± 0.942 χ^2/NDF : 879.9/24

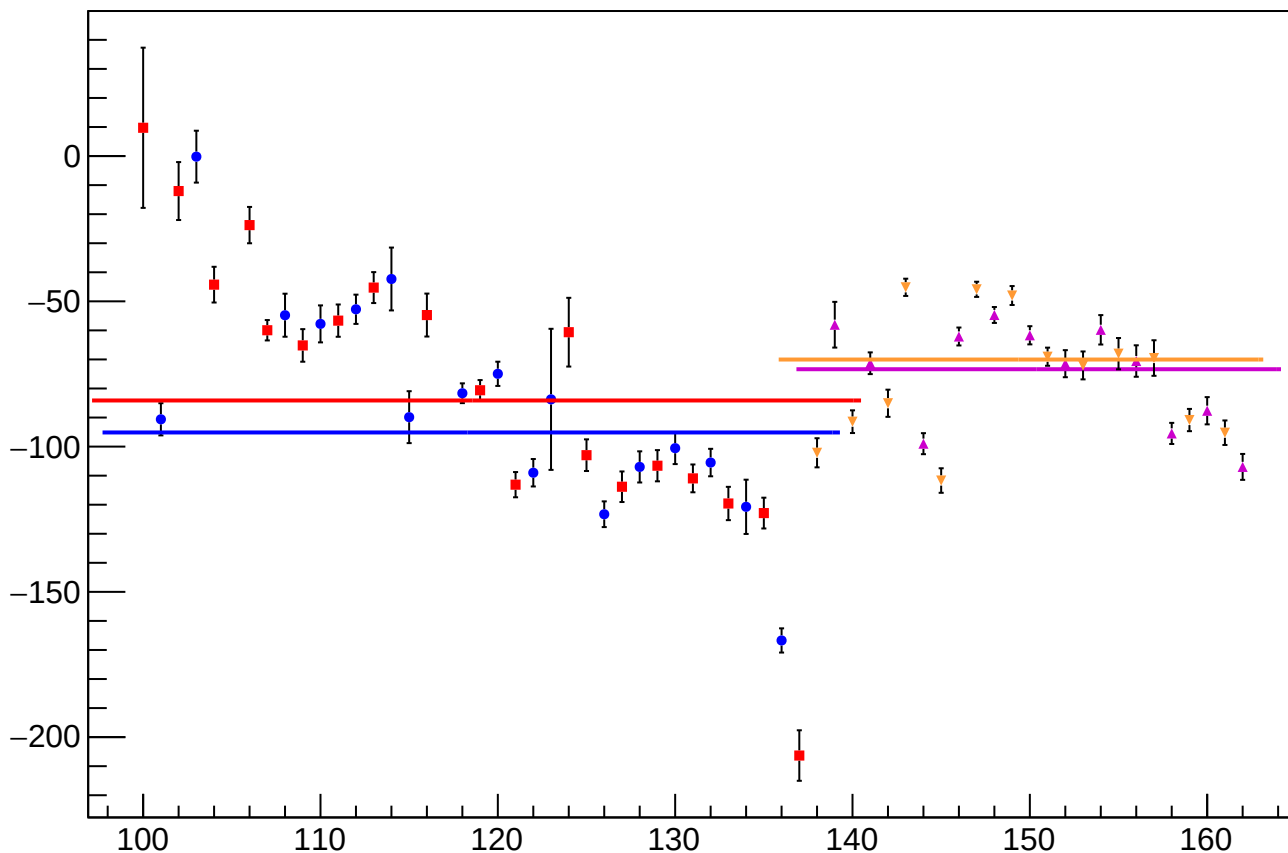
Right: -265.715 ± 1.478 χ^2/NDF : 3013.0/35

In: -252.586 ± 1.149 χ^2/NDF : 1275.9/28

Out: -236.893 ± 1.099 χ^2/NDF : 2812.3/31

All: -244.390 ± 0.794 χ^2/NDF : 4185.7/60

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135 ± 1.322 $\chi^2/\text{NDF}: 674.9/16$

Left Out: -70.032 ± 1.058 $\chi^2/\text{NDF}: 445.8/12$

Right Out: -84.124 ± 1.259 $\chi^2/\text{NDF}: 782.9/18$

Left In: -73.368 ± 1.122 $\chi^2/\text{NDF}: 238.6/11$

Left: -71.603 ± 0.770 $\chi^2/\text{NDF}: 689.1/24$

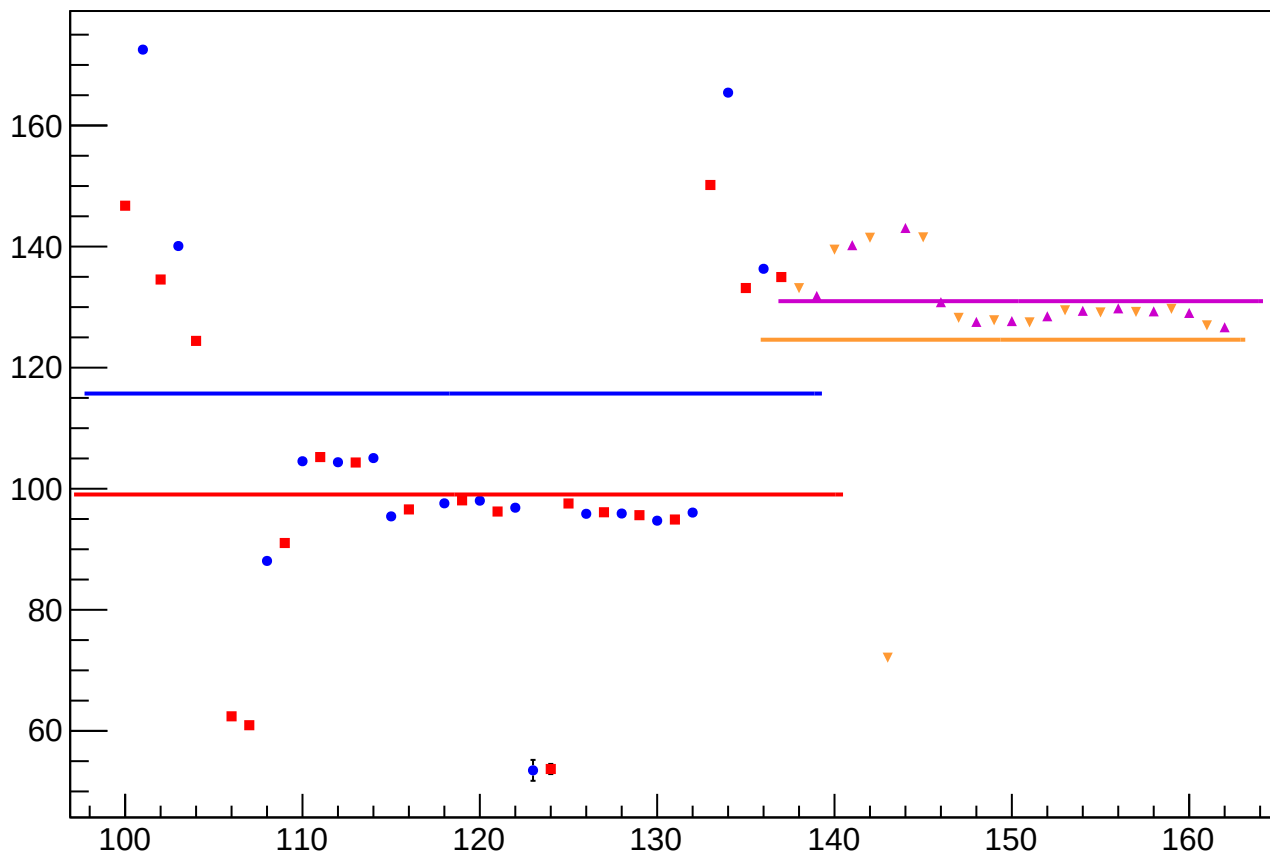
Right: -89.357 ± 0.912 $\chi^2/\text{NDF}: 1494.2/35$

In: -82.474 ± 0.855 $\chi^2/\text{NDF}: 1071.1/28$

Out: -75.868 ± 0.810 $\chi^2/\text{NDF}: 1302.1/31$

All: -78.991 ± 0.588 $\chi^2/\text{NDF}: 2404.7/60$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724 $\pm$ 0.078 χ^2 /NDF: 106388.1/16

Left Out: 124.615 $\pm$ 0.053 χ^2 /NDF:141384.7/12

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

Left In: 130.981 $\pm$ 0.054 χ^2 /NDF:7865.2/11

Left: 127.727 $\pm$ 0.038 χ^2 /NDF: 156391.8/24

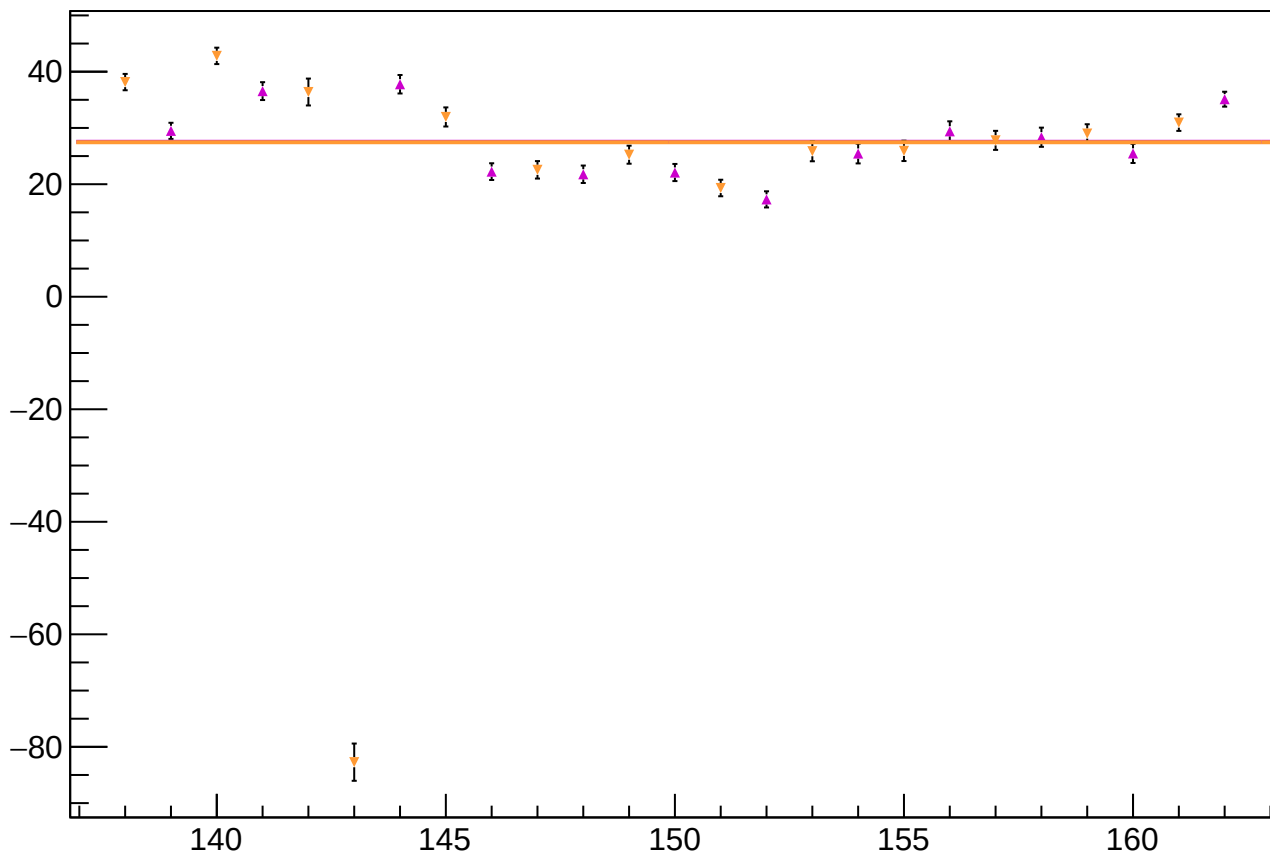
Right: 106.312 $\pm$ 0.051 χ^2 /NDF: 305658.4/35

In: 126.054 $\pm$ 0.044 χ^2 /NDF:140172.8/28

Out: 115.117 $\pm$ 0.042 χ^2 /NDF:402383.3/31

All: 120.260 $\pm$ 0.030 χ^2 /NDF: 574823.4/60

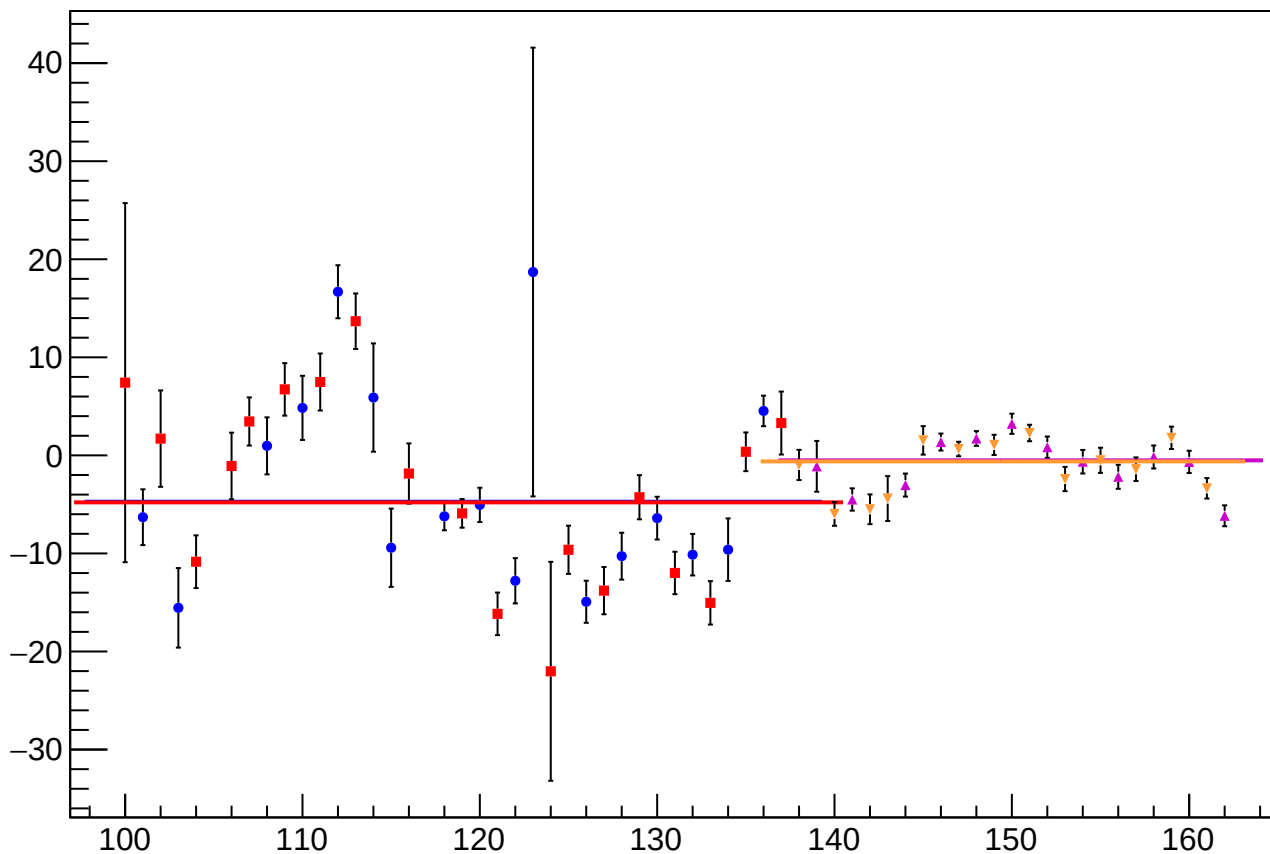
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 27.462+/-0.465 χ^2/NDF :1344.1/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 27.537+/-0.450 χ^2/NDF :200.0/11

Left: 27.501+/-0.323 χ^2/NDF : 1544.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 27.537+/-0.450 χ^2/NDF :200.0/11
 Out: 27.462+/-0.465 χ^2/NDF :1344.1/12
 All: 27.501+/-0.323 χ^2/NDF : 1544.1/24

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.615 ± 0.316 χ^2/NDF : 66.6/12

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

Left In: -0.508 ± 0.312 χ^2/NDF : 75.1/11

Left: -0.561 ± 0.222 χ^2/NDF : 141.8/24

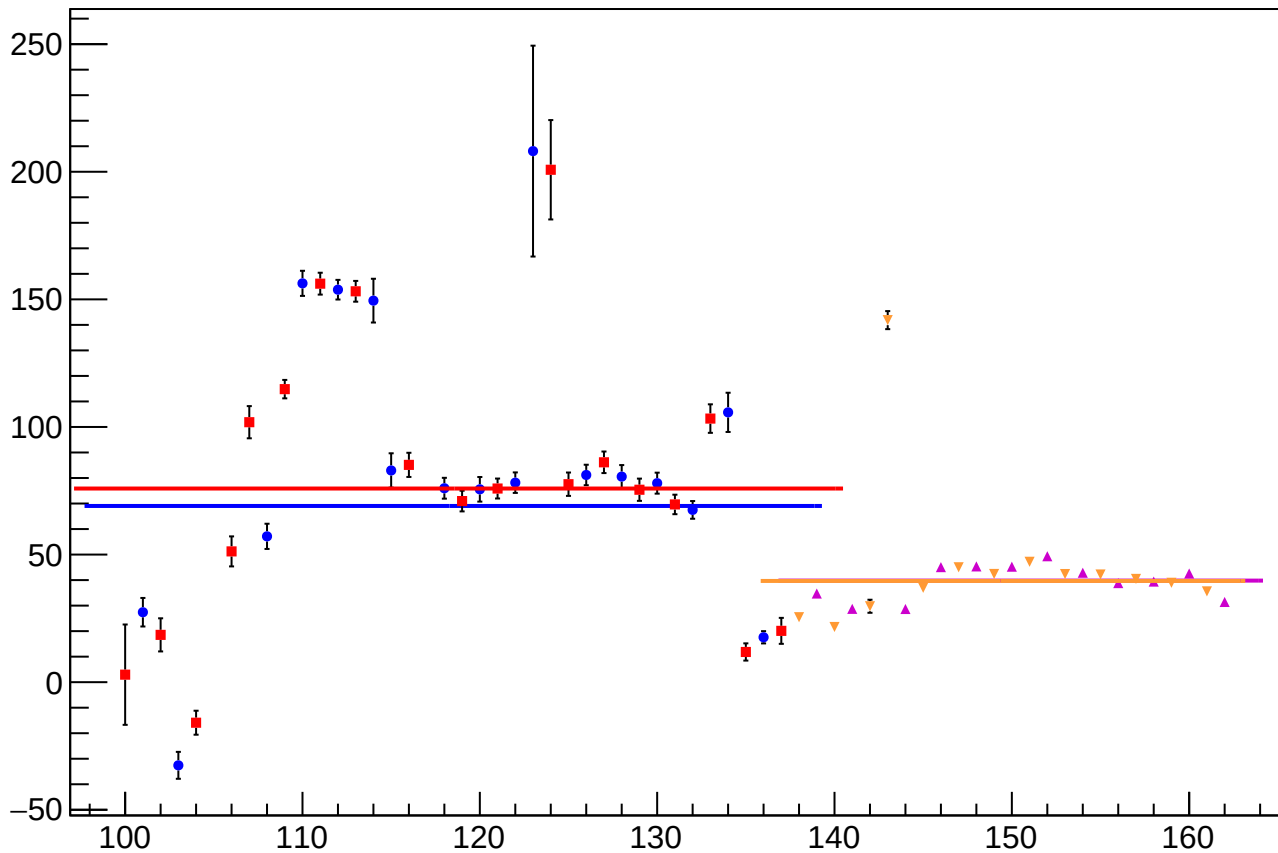
Right: -4.761 ± 0.412 χ^2/NDF : 368.3/35

In: -1.457 ± 0.275 χ^2/NDF : 291.1/28

Out: -1.555 ± 0.278 χ^2/NDF : 299.5/31

All: -1.506 ± 0.195 χ^2/NDF : 590.6/60

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 39.666 $\pm$ 0.454 χ^2 /NDF:1129.2/12

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

Left In: 39.800 $\pm$ 0.437 χ^2 /NDF:235.1/11

Left: 39.736 $\pm$ 0.315 χ^2 /NDF: 1364.3/24

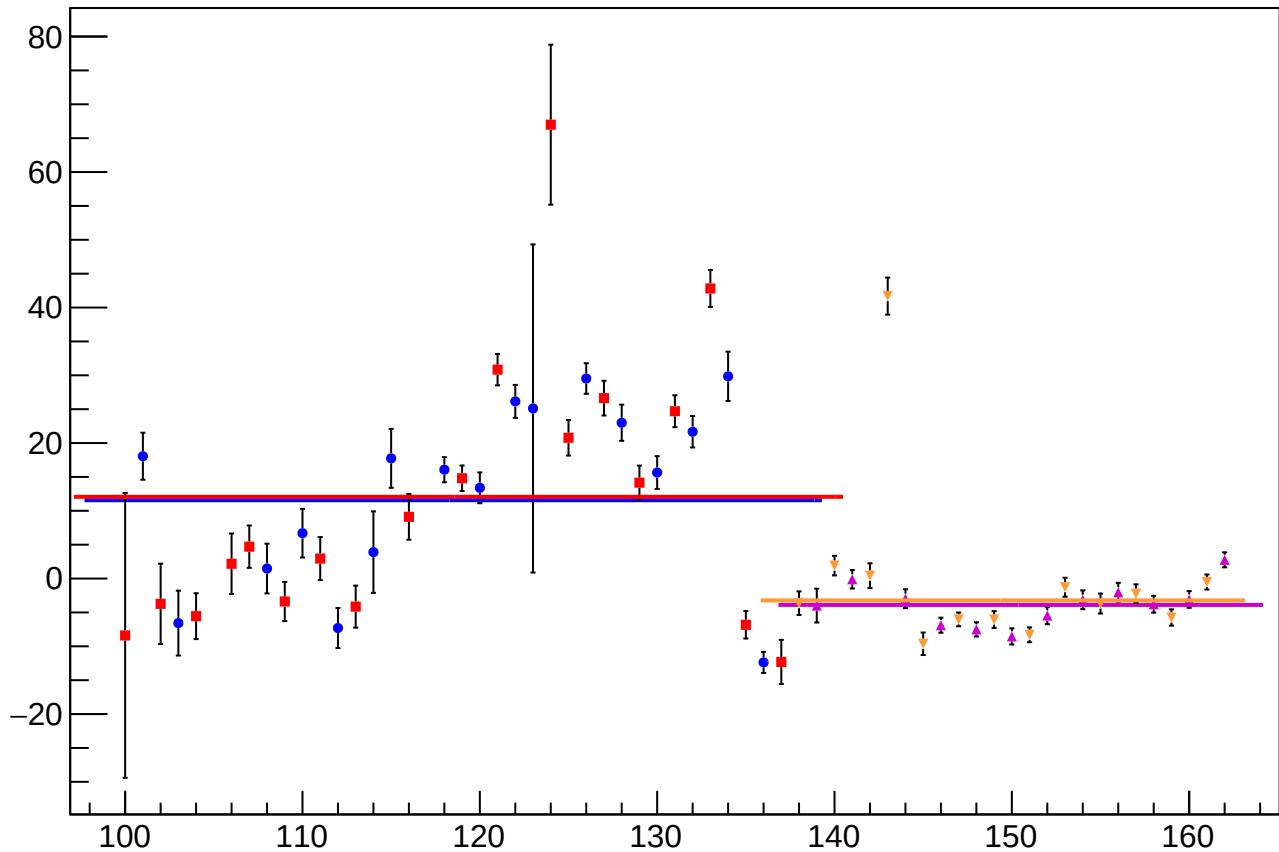
Right: 72.486 $\pm$ 0.759 χ^2 /NDF: 3763.1/35

In: 43.932 $\pm$ 0.405 χ^2 /NDF:2716.7/28

Out: 45.203 $\pm$ 0.418 χ^2 /NDF:3995.3/31

All: 44.547 $\pm$ 0.291 χ^2 /NDF: 6716.8/60

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 ± 0.658 $\chi^2/\text{NDF}: 478.2/16$

Left Out: -3.223 ± 0.377 $\chi^2/\text{NDF}: 346.9/12$

Right Out: 12.071 ± 0.665 $\chi^2/\text{NDF}: 543.3/18$

Left In: -3.891 ± 0.368 $\chi^2/\text{NDF}: 82.4/11$

Left: -3.565 ± 0.263 $\chi^2/\text{NDF}: 430.9/24$

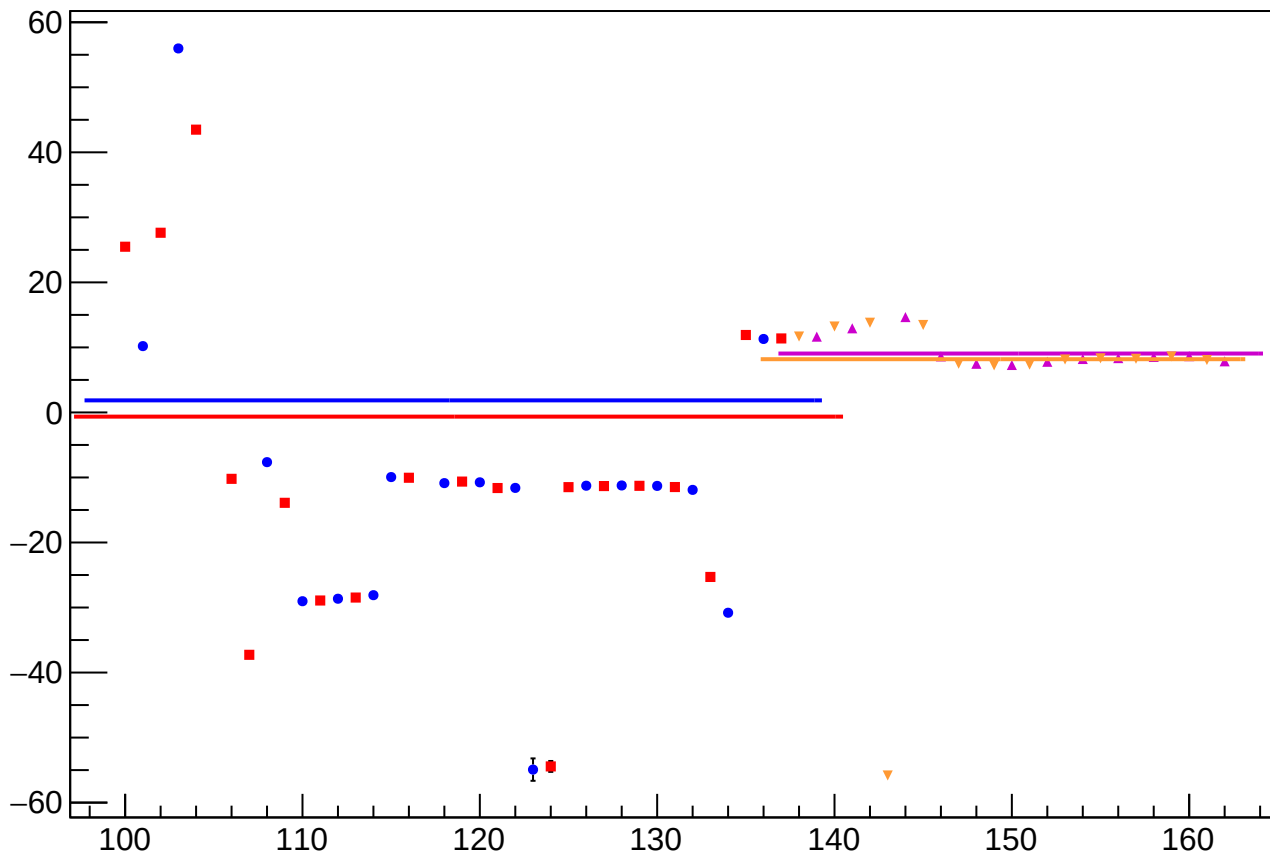
Right: 11.816 ± 0.468 $\chi^2/\text{NDF}: 1021.8/35$

In: -0.214 ± 0.321 $\chi^2/\text{NDF}: 980.8/28$

Out: 0.494 ± 0.328 $\chi^2/\text{NDF}: 1291.2/31$

All: 0.133 ± 0.229 $\chi^2/\text{NDF}: 2274.4/60$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 $\pm$ 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.186 $\pm$ 0.018 χ^2/NDF :222510.2/12

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361625.7/18

Left In: 9.058 $\pm$ 0.017 χ^2/NDF :13980.8/11

Left: 8.640 $\pm$ 0.012 χ^2/NDF : 237751.9/24

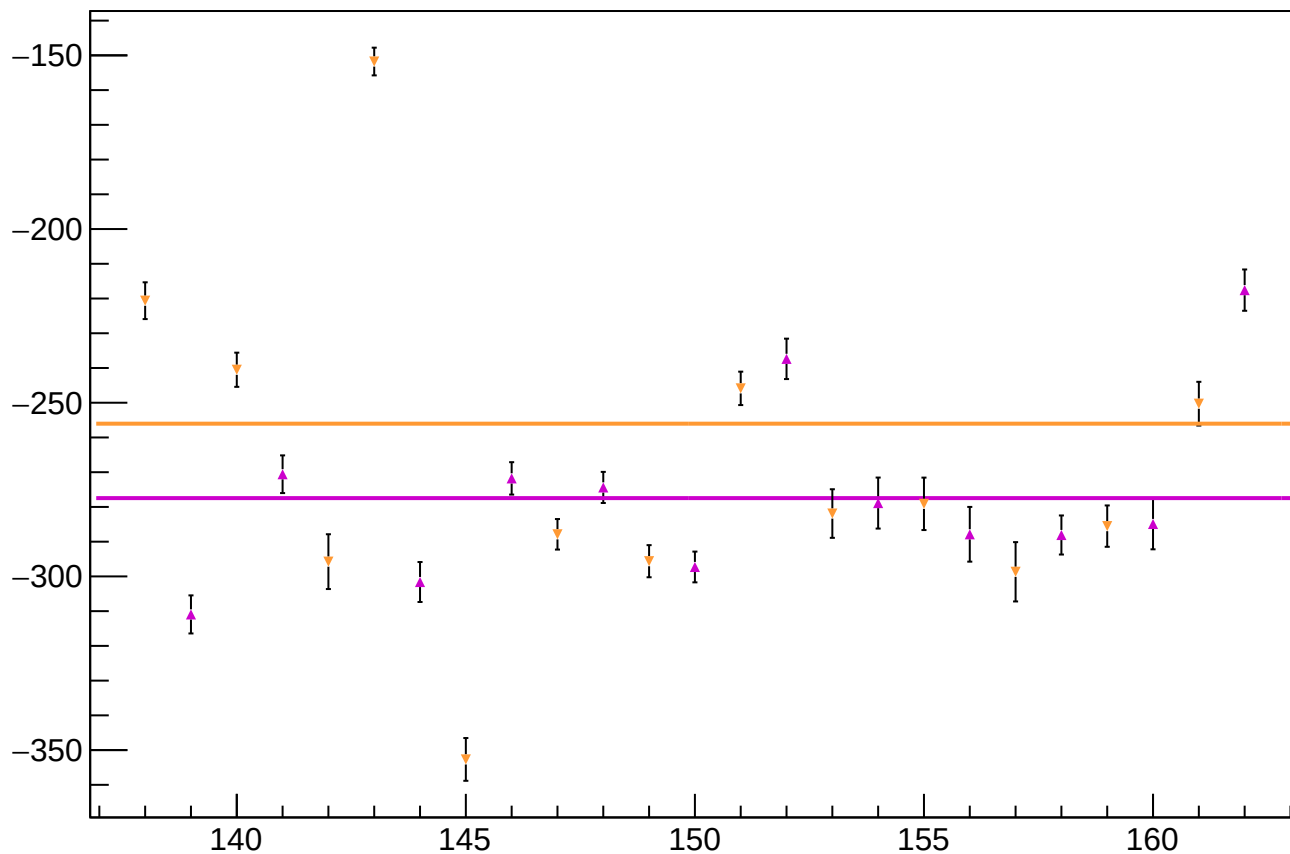
Right: 0.608 $\pm$ 0.026 χ^2/NDF : 723318.4/35

In: 7.803 $\pm$ 0.015 χ^2/NDF :404691.0/28

Out: 6.544 $\pm$ 0.016 χ^2/NDF :630374.2/31

All: 7.195 $\pm$ 0.011 χ^2/NDF : 1038274.5/60

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: -256.031+/-1.526 χ^2/NDF :1213.1/12

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

Left In: -277.458+/-1.607 χ^2/NDF :233.9/11

Left: -266.194+/-1.107 χ^2/NDF : 1540.4/24

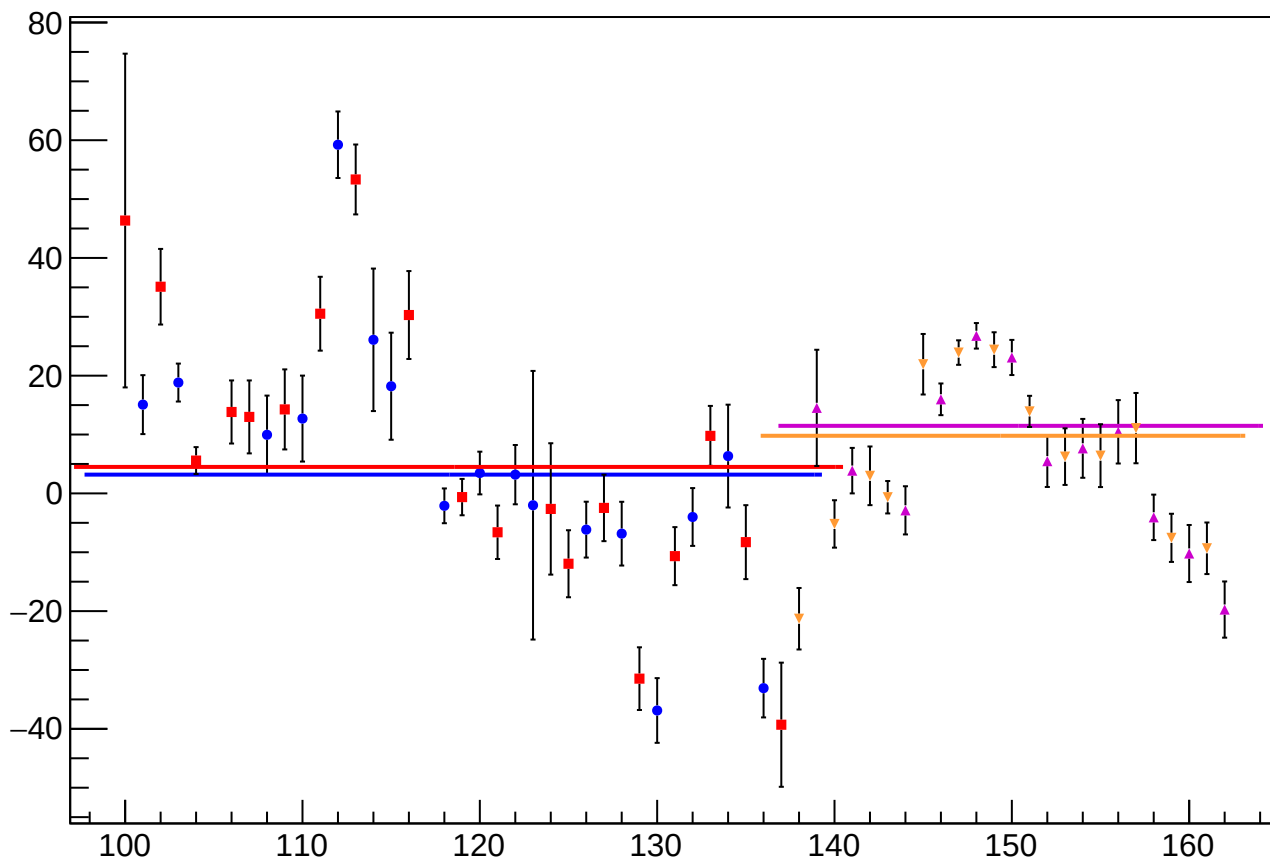
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.458+/-1.607 χ^2/NDF :233.9/11

Out: -256.031+/-1.526 χ^2/NDF :1213.1/12

All: -266.194+/-1.107 χ^2/NDF : 1540.4/24

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 9.789 ± 0.993 χ^2/NDF : 182.0/12

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

Left In: 11.478 ± 1.066 χ^2/NDF : 165.3/11

Left: 10.573 ± 0.727 χ^2/NDF : 348.7/24

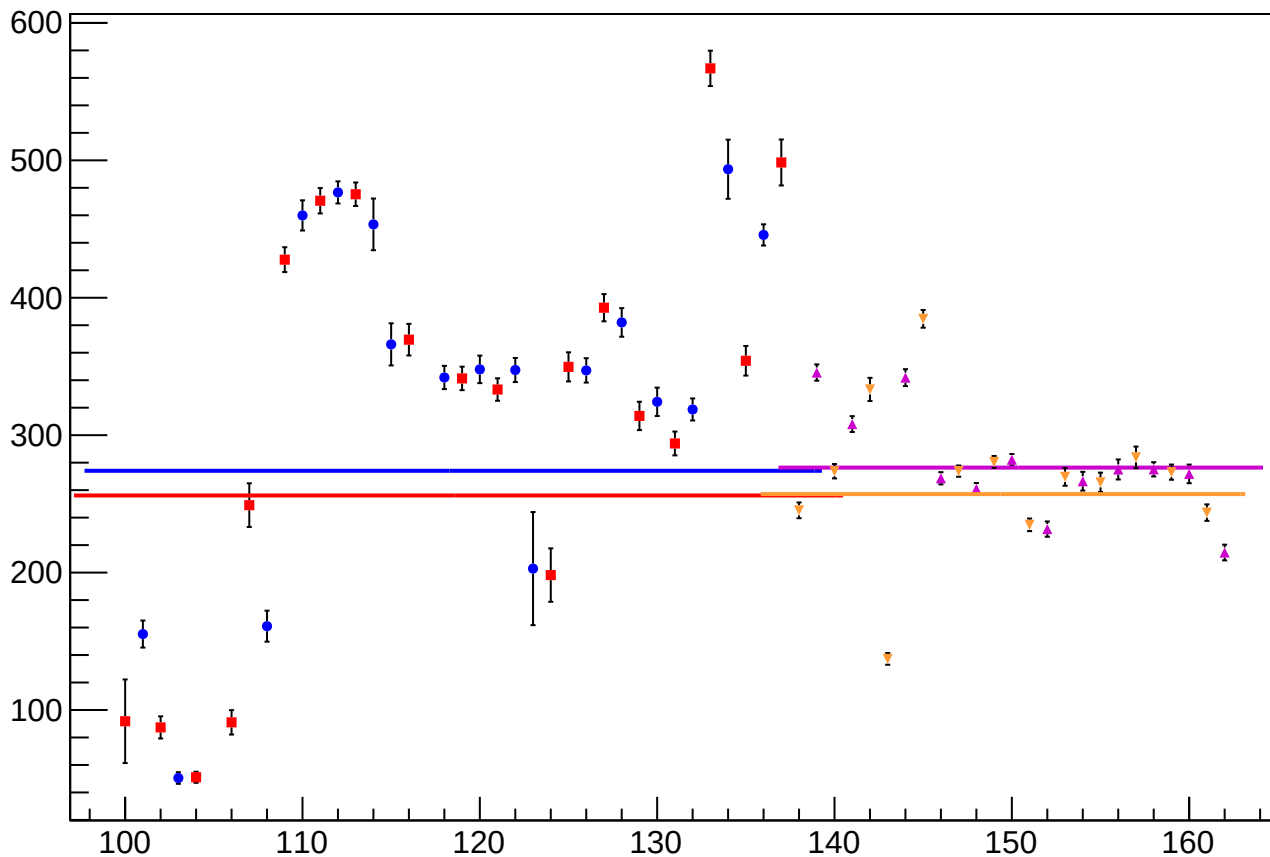
Right: 3.879 ± 0.842 χ^2/NDF : 481.7/35

In: 7.905 ± 0.804 χ^2/NDF : 447.0/28

Out: 7.550 ± 0.754 χ^2/NDF : 419.4/31

All: 7.716 ± 0.550 χ^2/NDF : 866.6/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 257.116+/-1.505 χ^2/NDF :1379.1/12

Right Out: 256.109+/-2.080 χ^2/NDF : 6444.1/18

Left In: 276.403+/-1.558 χ^2/NDF :481.5/11

Left: 266.431+/-1.083 χ^2/NDF : 1939.8/24

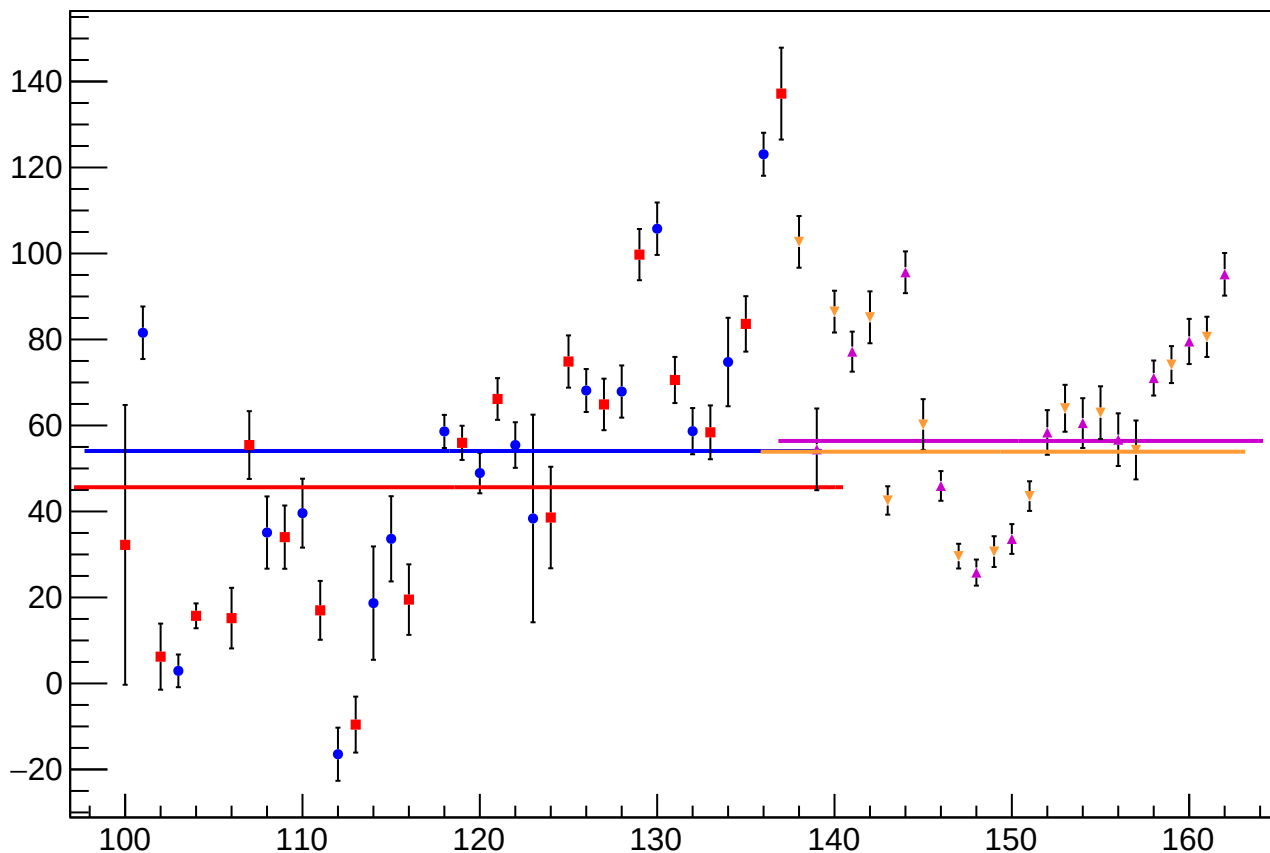
Right: 264.628+/-1.509 χ^2/NDF : 11591.4/35

In: 275.623+/-1.270 χ^2/NDF :5594.2/28

Out: 256.770+/-1.220 χ^2/NDF :7823.3/31

All: 265.818+/-0.880 χ^2/NDF : 13532.1/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 53.903 $\pm$ 1.210 χ^2 /NDF:333.6/12

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

Left In: 56.398 $\pm$ 1.284 χ^2 /NDF:333.3/11

Left: 55.076 $\pm$ 0.881 χ^2 /NDF: 668.9/24

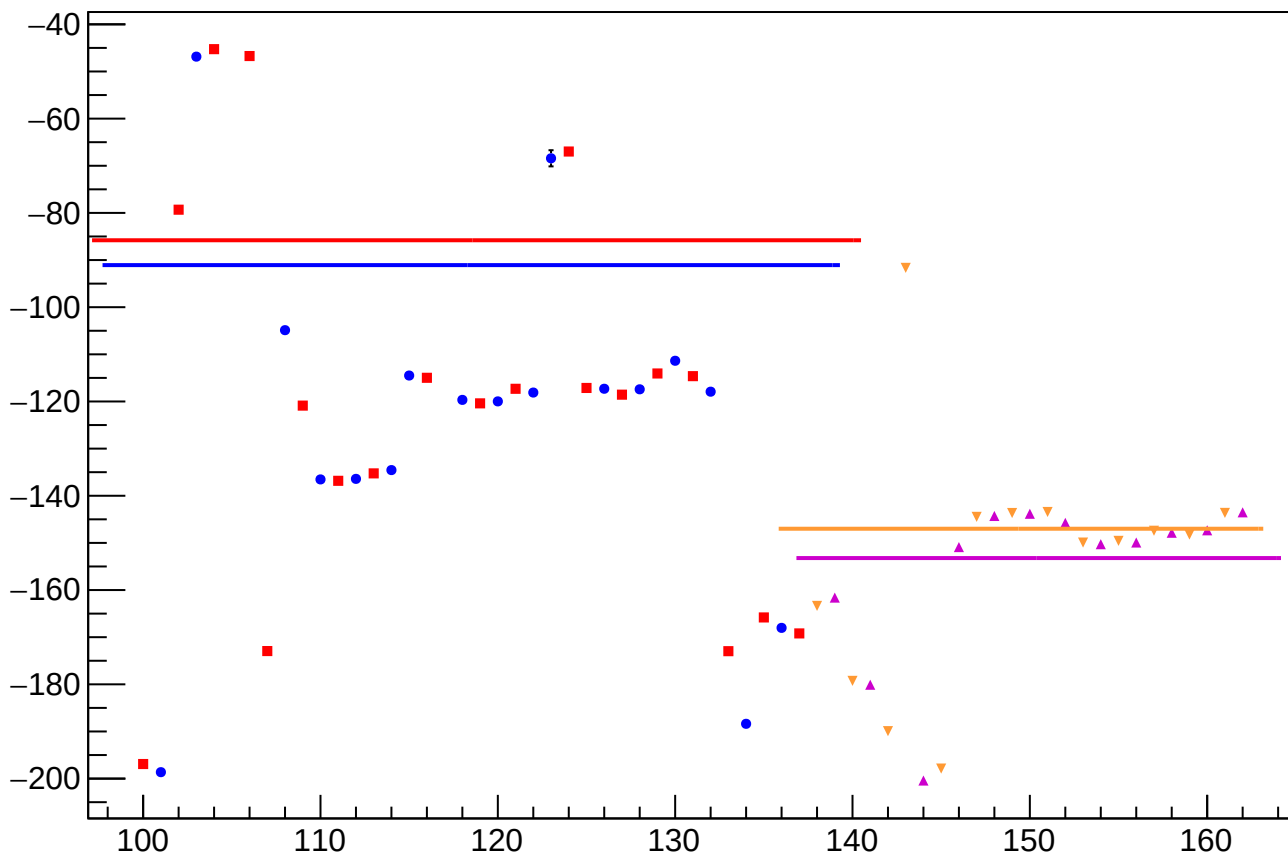
Right: 49.665 $\pm$ 0.982 χ^2 /NDF: 1183.6/35

In: 55.349 $\pm$ 0.953 χ^2 /NDF:969.2/28

Out: 50.247 $\pm$ 0.904 χ^2 /NDF:885.0/31

All: 52.663 $\pm$ 0.656 χ^2 /NDF: 1869.3/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -146.993+/-0.061 χ^2/NDF : 187044.0/12

Right Out: -85.803+/-0.065 χ^2/NDF : 495895.1/18

Left In: -153.216+/-0.062 χ^2/NDF : 55647.3/11

Left: -150.040+/-0.043 χ^2/NDF : 247850.7/24

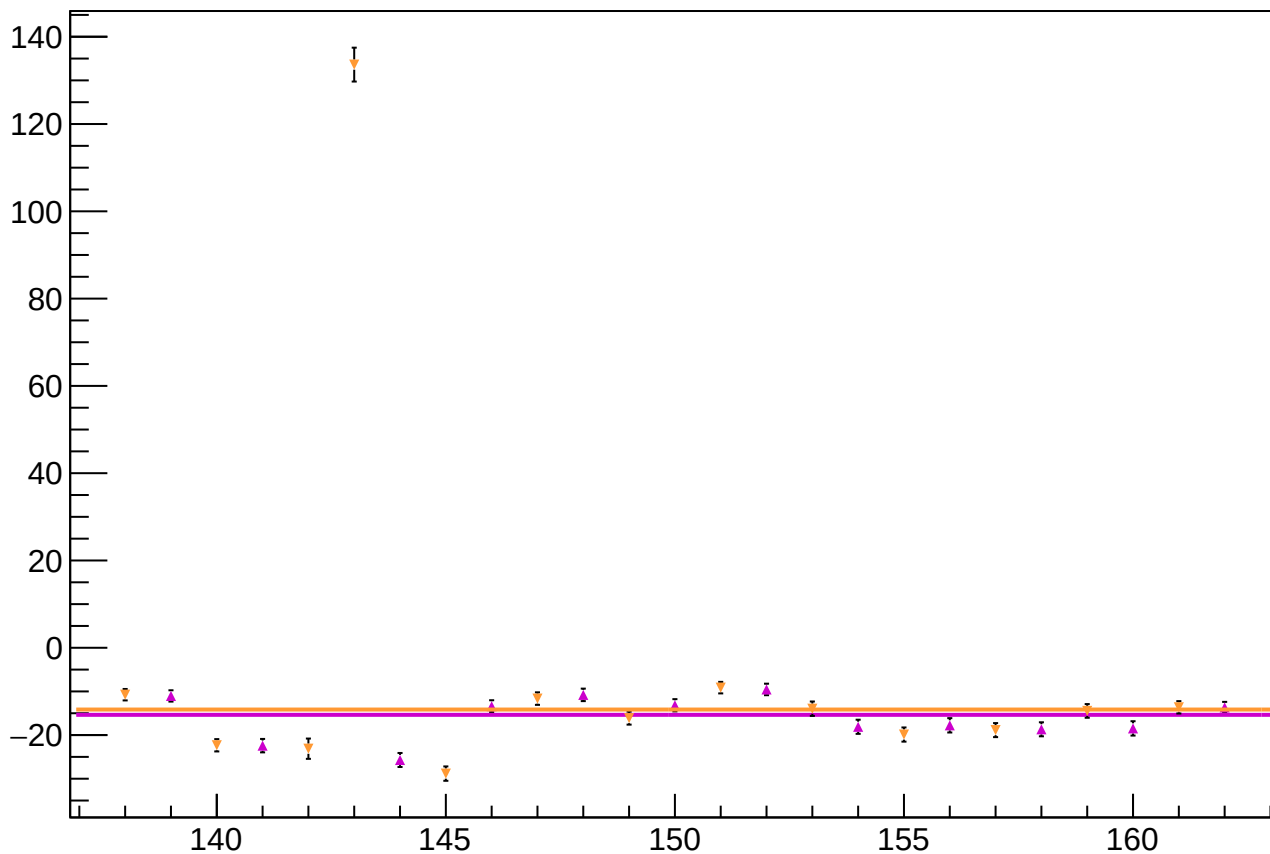
Right: -88.339+/-0.047 χ^2/NDF : 1033703.0/35

In: -124.848+/-0.046 χ^2/NDF : 1050539.7/28

Out: -118.548+/-0.044 χ^2/NDF : 1156588.3/31

All: -121.609+/-0.032 χ^2/NDF : 2216932.7/60

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: -14.151+/-0.436 χ^2/NDF :1624.6/12

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

Left In: -15.364+/-0.421 χ^2/NDF :122.3/11

Left: -14.779+/-0.303 χ^2/NDF : 1750.9/24

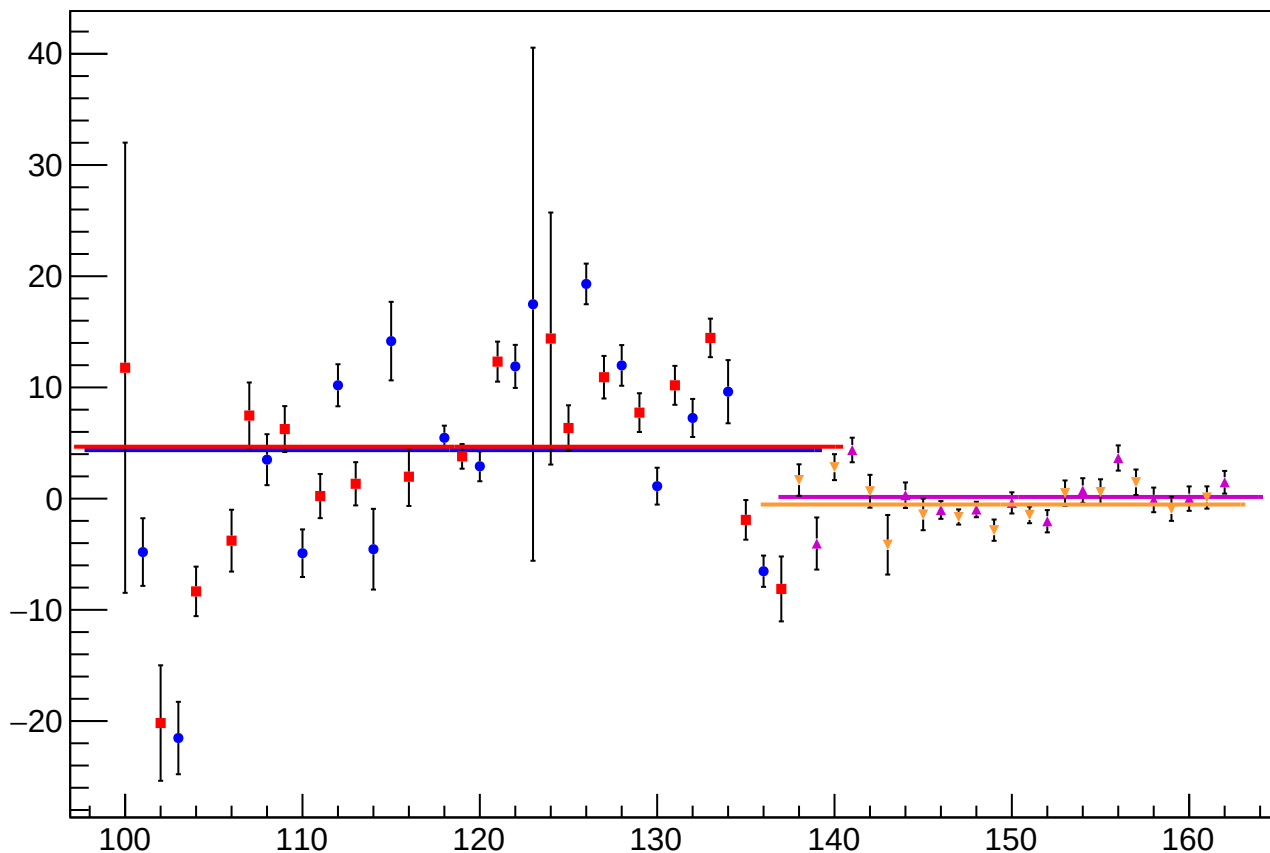
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.364+/-0.421 χ^2/NDF :122.3/11

Out: -14.151+/-0.436 χ^2/NDF :1624.6/12

All: -14.779+/-0.303 χ^2/NDF : 1750.9/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: -0.527 ± 0.295 $\chi^2/\text{NDF}: 29.0/12$

Right Out: 4.670 ± 0.474 $\chi^2/\text{NDF}: 185.4/18$

Left In: 0.152 ± 0.293 $\chi^2/\text{NDF}: 39.2/11$

Left: -0.185 ± 0.208 $\chi^2/\text{NDF}: 70.9/24$

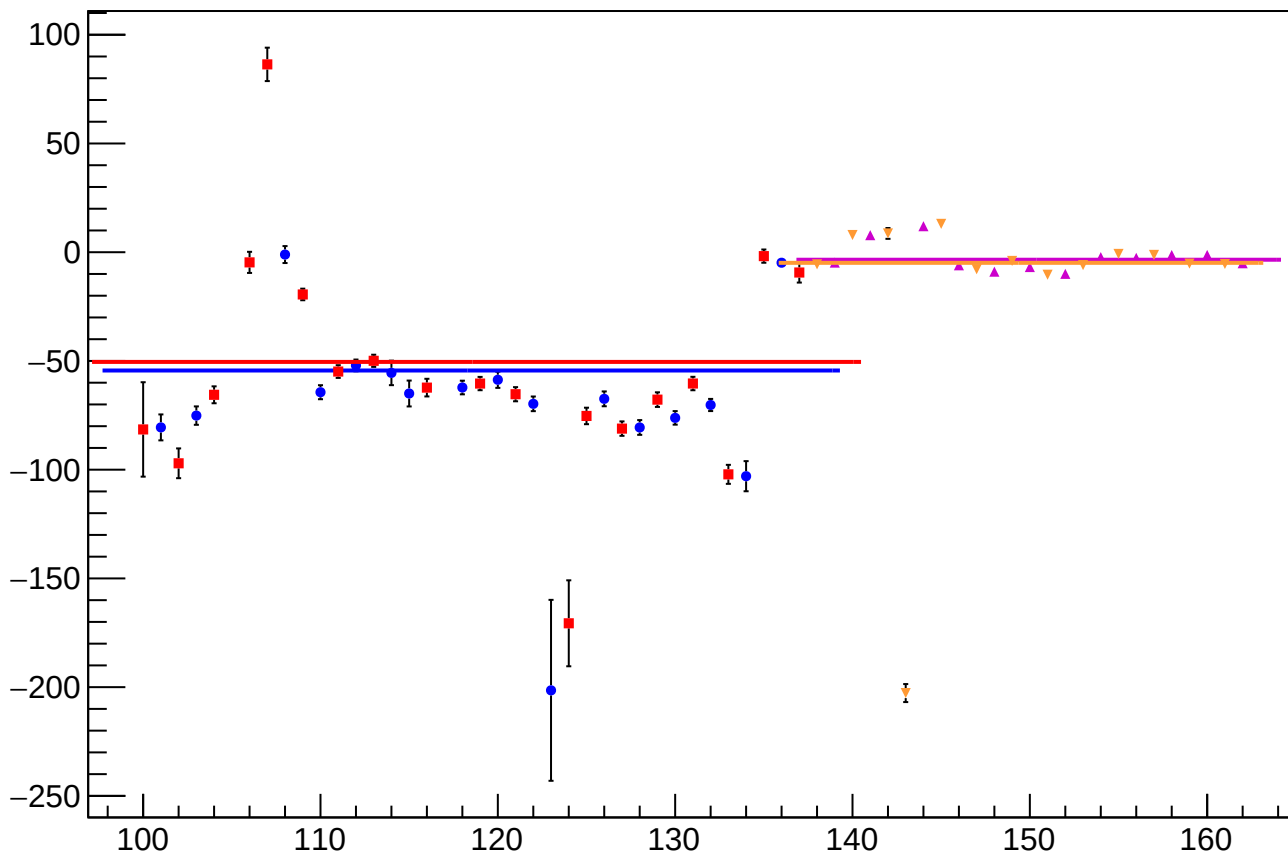
Right: 4.512 ± 0.332 $\chi^2/\text{NDF}: 472.1/35$

In: 1.349 ± 0.248 $\chi^2/\text{NDF}: 384.5/28$

Out: 0.923 ± 0.250 $\chi^2/\text{NDF}: 301.0/31$

All: 1.138 ± 0.176 $\chi^2/\text{NDF}: 686.9/60$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -4.880 ± 0.425 $\chi^2/\text{NDF}: 2529.9/12$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

Left In: -3.455 ± 0.409 $\chi^2/\text{NDF}: 189.1/11$

Left: -4.140 ± 0.295 $\chi^2/\text{NDF}: 2724.9/24$

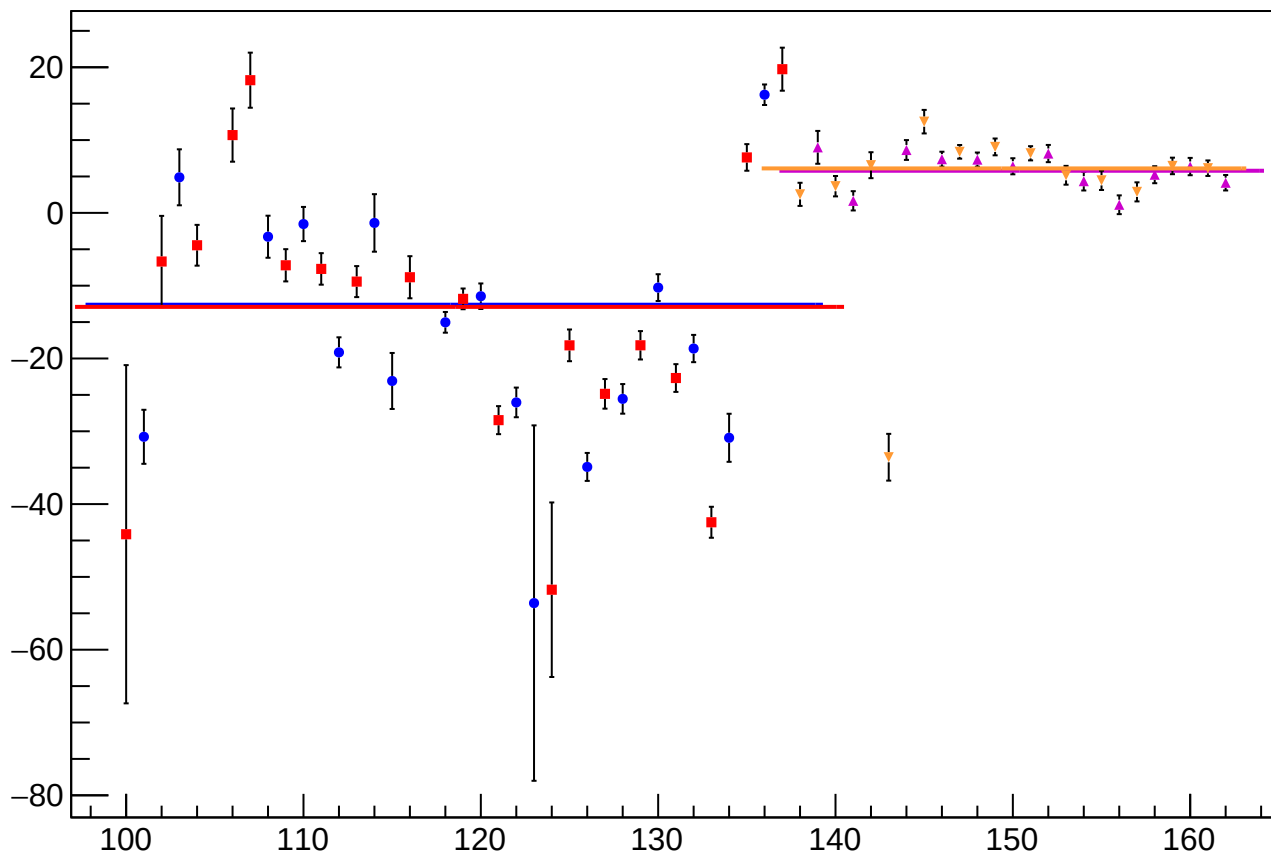
Right: -52.405 ± 0.608 $\chi^2/\text{NDF}: 2348.7/35$

In: -12.802 ± 0.369 $\chi^2/\text{NDF}: 4050.2/28$

Out: -13.876 ± 0.381 $\chi^2/\text{NDF}: 6120.9/31$

All: -13.322 ± 0.265 $\chi^2/\text{NDF}: 10175.1/60$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.107 ± 0.353 χ^2/NDF : 201.7/12

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

Left In: 5.786 ± 0.345 χ^2/NDF : 42.5/11

Left: 5.943 ± 0.247 χ^2/NDF : 244.6/24

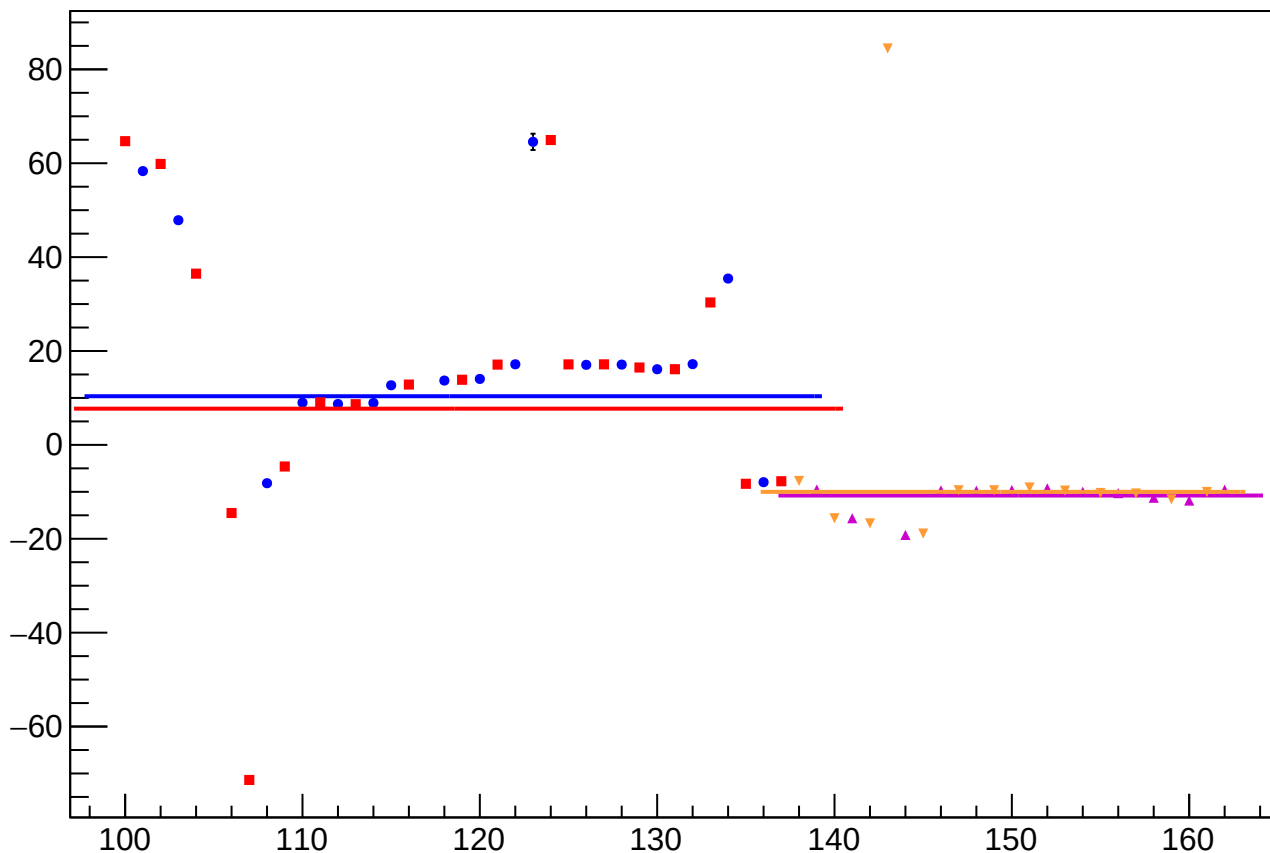
Right: -12.762 ± 0.378 χ^2/NDF : 1518.6/35

In: 0.306 ± 0.289 χ^2/NDF : 1676.7/28

Out: 0.395 ± 0.295 χ^2/NDF : 1805.6/31

All: 0.349 ± 0.207 χ^2/NDF : 3482.4/60

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366 $\pm$ 0.031 χ^2 /NDF: 381003.5/16

Left Out: -10.002 $\pm$ 0.017 χ^2 /NDF:355763.3/12

Right Out: 7.719 $\pm$ 0.031 χ^2 /NDF: 545085.7/18

Left In: -10.786 $\pm$ 0.016 χ^2 /NDF:21945.4/11

Left: -10.410 $\pm$ 0.011 χ^2 /NDF: 378872.0/24

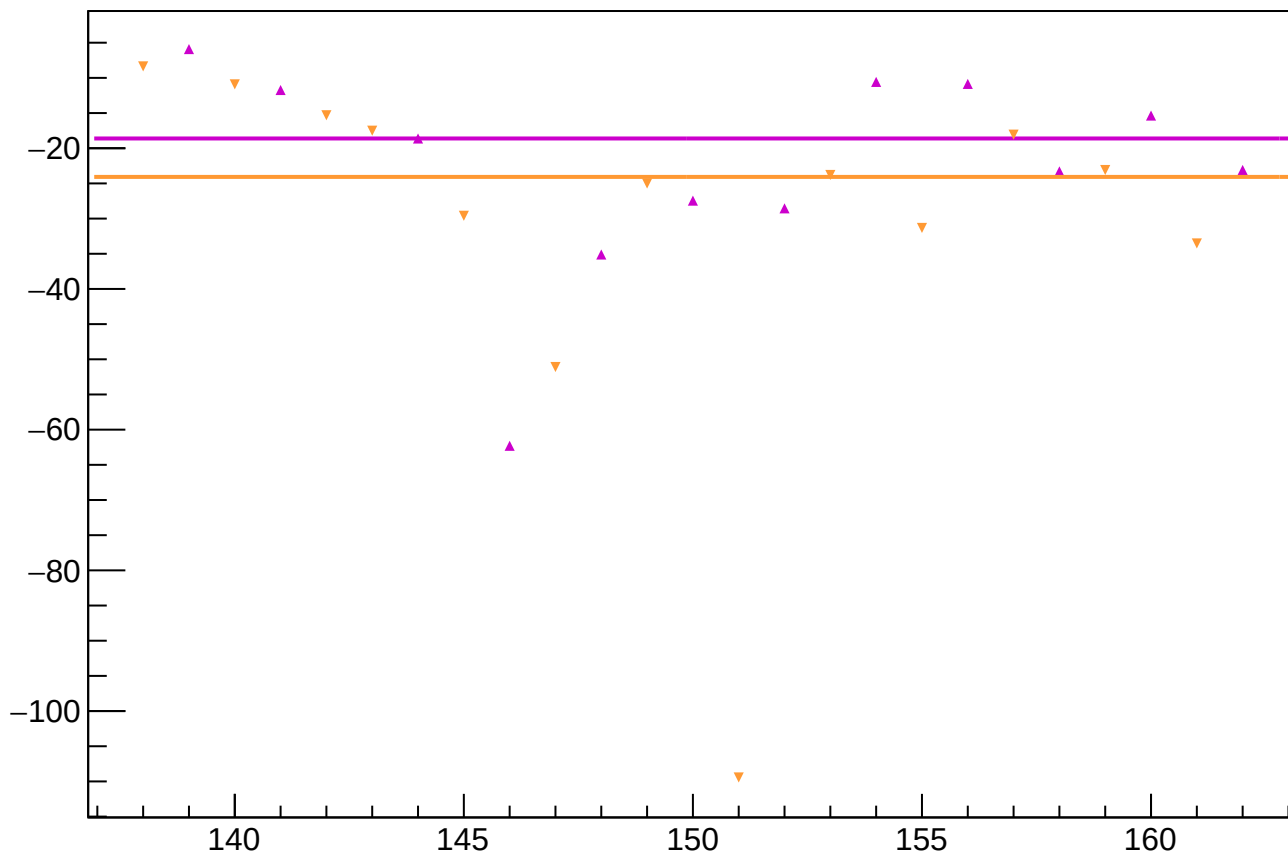
Right: 9.073 $\pm$ 0.022 χ^2 /NDF: 929756.2/35

In: -6.275 $\pm$ 0.014 χ^2 /NDF:780407.9/28

Out: -6.114 $\pm$ 0.015 χ^2 /NDF:1151801.1/31

All: -6.198 $\pm$ 0.010 χ^2 /NDF: 1932271.2/60

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: -24.075+/-0.072 χ^2/NDF :52159.5/12

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

Left In: -18.613+/-0.060 χ^2/NDF :37464.7/11

Left: -20.843+/-0.046 χ^2/NDF : 93015.1/24

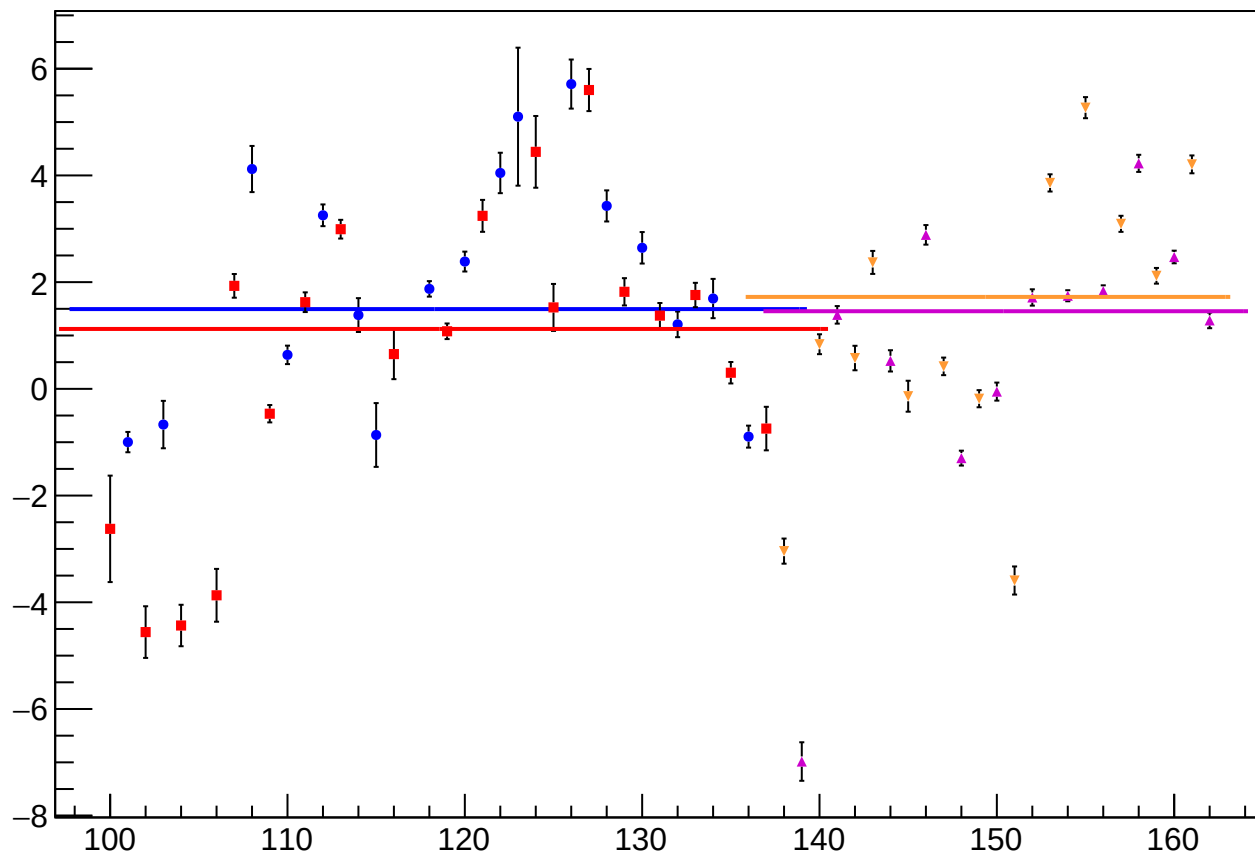
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.613+/-0.060 χ^2/NDF :37464.7/11

Out: -24.075+/-0.072 χ^2/NDF :52159.5/12

All: -20.843+/-0.046 χ^2/NDF : 93015.1/24

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2/NDF : 708.8/16

Left Out: 1.723 $\pm$ 0.051 χ^2/NDF :1926.0/12

Right Out: 1.123 $\pm$ 0.058 χ^2/NDF : 946.5/18

Left In: 1.455 $\pm$ 0.042 χ^2/NDF :1493.2/11

Left: 1.563 $\pm$ 0.033 χ^2/NDF : 3435.5/24

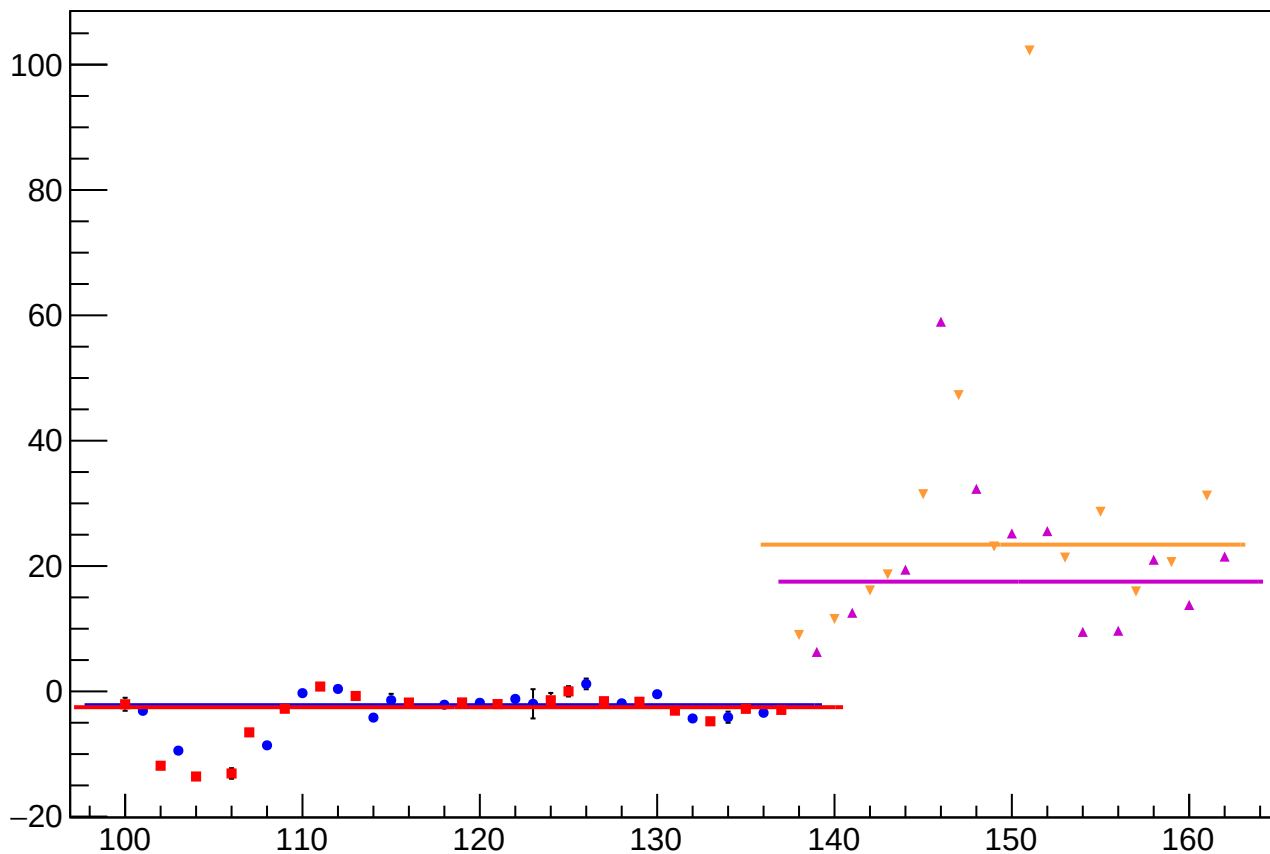
Right: 1.300 $\pm$ 0.042 χ^2/NDF : 1674.8/35

In: 1.468 $\pm$ 0.035 χ^2/NDF :2202.3/28

Out: 1.460 $\pm$ 0.039 χ^2/NDF :2932.3/31

All: 1.464 $\pm$ 0.026 χ^2/NDF : 5134.6/60

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 23.416 ± 0.071 χ^2/NDF : 46925.4/12

Right Out: -2.520 ± 0.099 χ^2/NDF : 903.3/18

Left In: 17.511 ± 0.057 χ^2/NDF : 35313.8/11

Left: 19.867 ± 0.045 χ^2/NDF : 86449.6/24

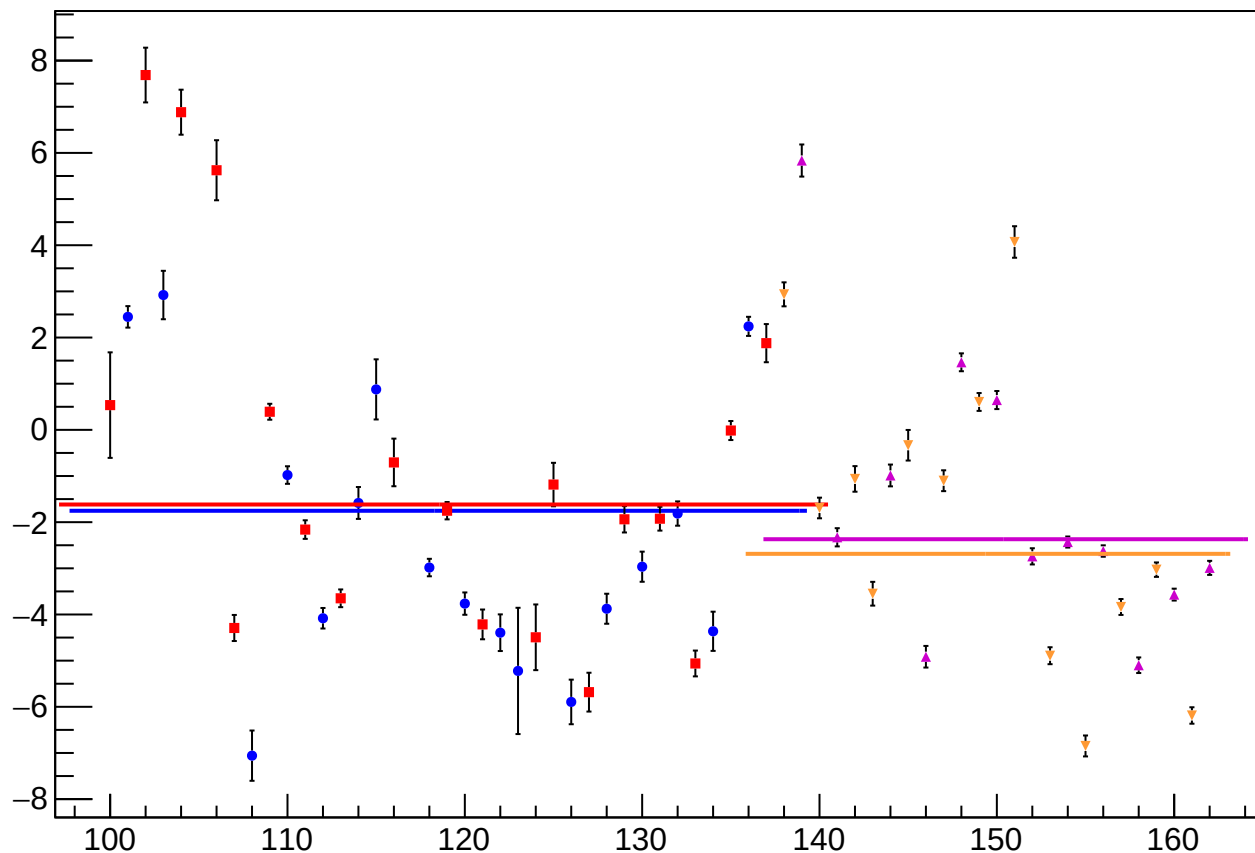
Right: -2.378 ± 0.074 χ^2/NDF : 1368.9/35

In: 13.320 ± 0.051 χ^2/NDF : 60790.3/28

Out: 14.675 ± 0.057 χ^2/NDF : 93377.3/31

All: 13.917 ± 0.038 χ^2/NDF : 154479.1/60

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -2.686 ± 0.060 χ^2/NDF : 2230.7/12

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

Left In: -2.369 ± 0.048 χ^2/NDF : 1710.4/11

Left: -2.495 ± 0.037 χ^2/NDF : 3958.2/24

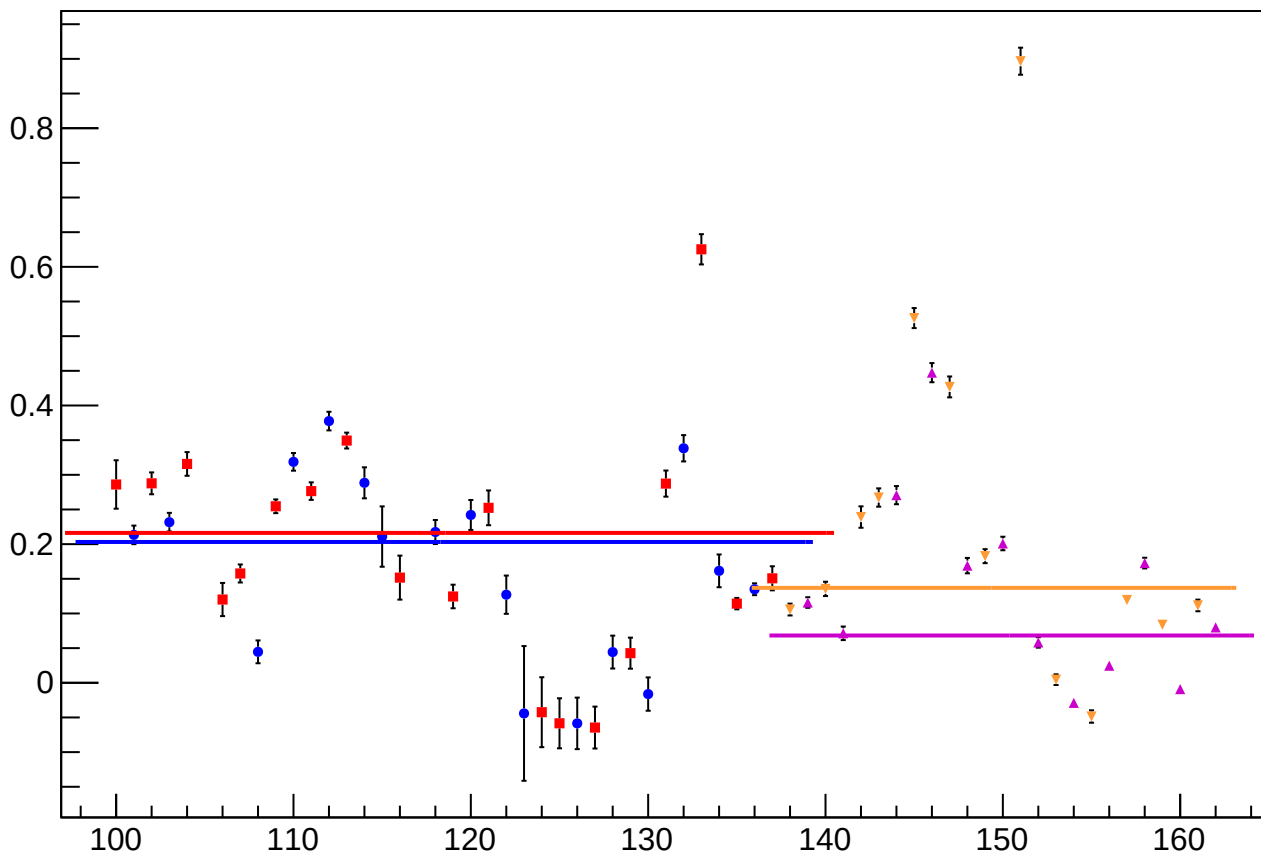
Right: -1.681 ± 0.048 χ^2/NDF : 2834.6/35

In: -2.172 ± 0.040 χ^2/NDF : 3107.6/28

Out: -2.204 ± 0.044 χ^2/NDF : 3863.5/31

All: -2.186 ± 0.030 χ^2/NDF : 6971.5/60

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3578.7/12

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

Left In: 0.068 ± 0.002 χ^2/NDF : 2122.1/11

Left: 0.095 ± 0.002 χ^2/NDF : 6109.5/24

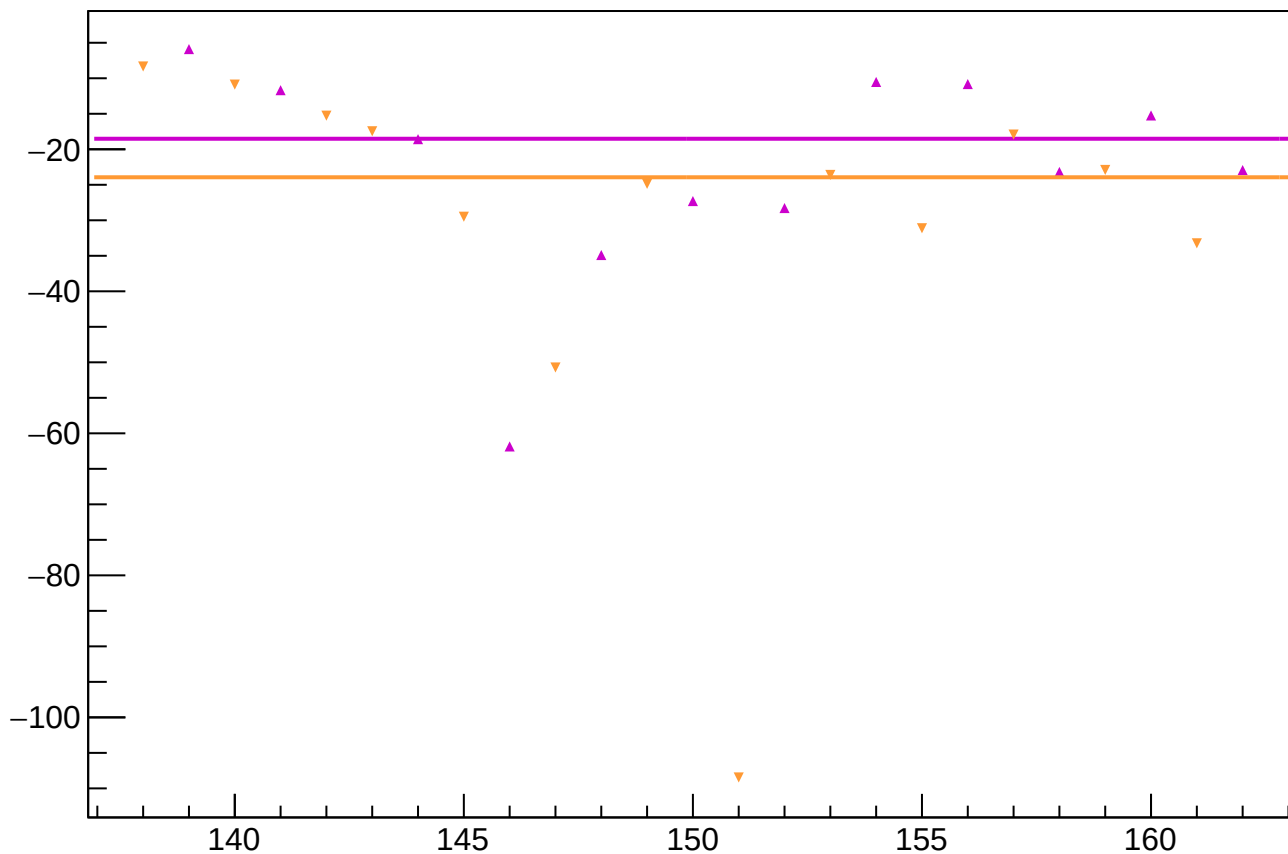
Right: 0.210 ± 0.003 χ^2/NDF : 1750.0/35

In: 0.096 ± 0.002 χ^2/NDF : 3645.1/28

Out: 0.164 ± 0.002 χ^2/NDF : 4948.7/31

All: 0.125 ± 0.001 χ^2/NDF : 9158.2/60

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: -23.942+/-0.072 χ^2/NDF : 52015.4/12

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

Left In: -18.518+/-0.060 χ^2/NDF : 37389.1/11

Left: -20.733+/-0.046 χ^2/NDF : 92790.2/24

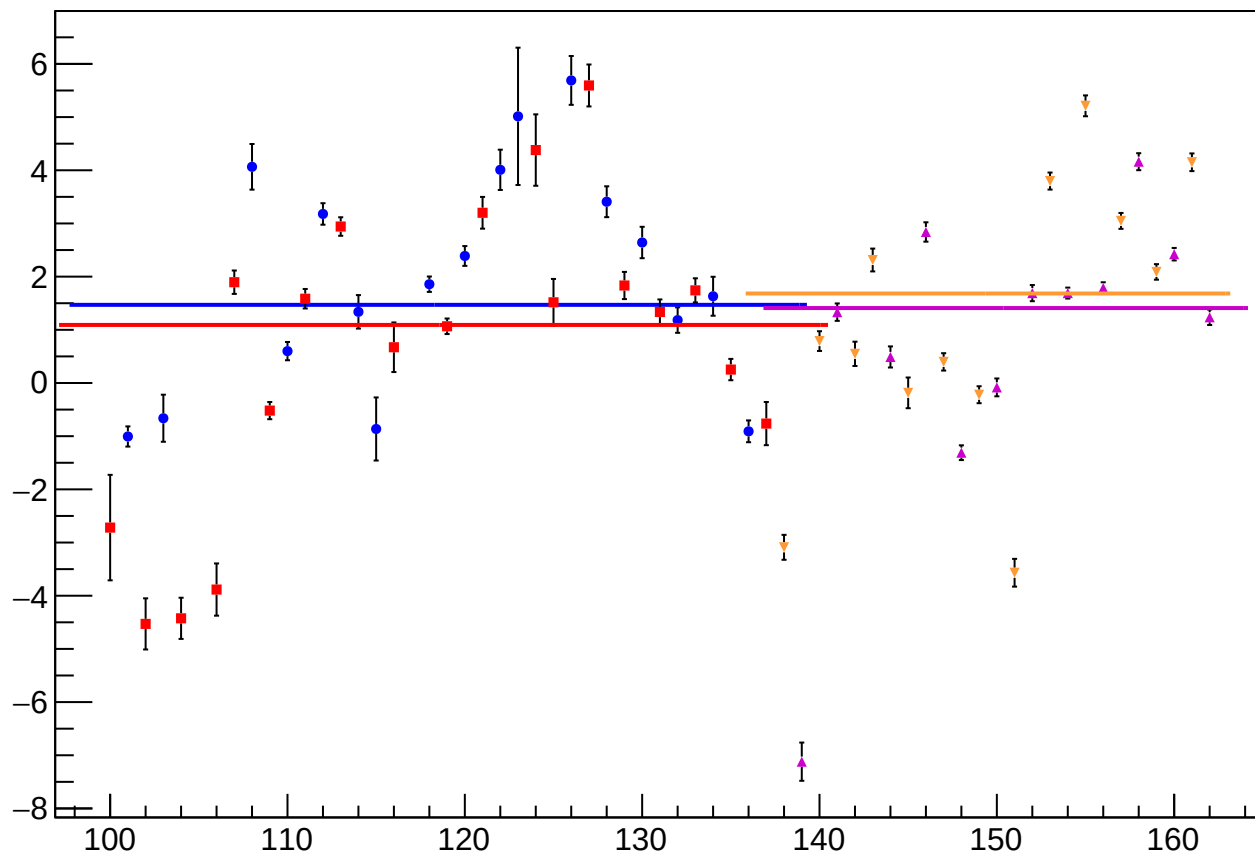
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.518+/-0.060 χ^2/NDF : 37389.1/11

Out: -23.942+/-0.072 χ^2/NDF : 52015.4/12

All: -20.733+/-0.046 χ^2/NDF : 92790.2/24

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 1.683 ± 0.051 χ^2/NDF : 1931.6/12

Right Out: 1.092 ± 0.058 χ^2/NDF : 952.1/18

Left In: 1.409 ± 0.042 χ^2/NDF : 1505.4/11

Left: 1.520 ± 0.032 χ^2/NDF : 3454.2/24

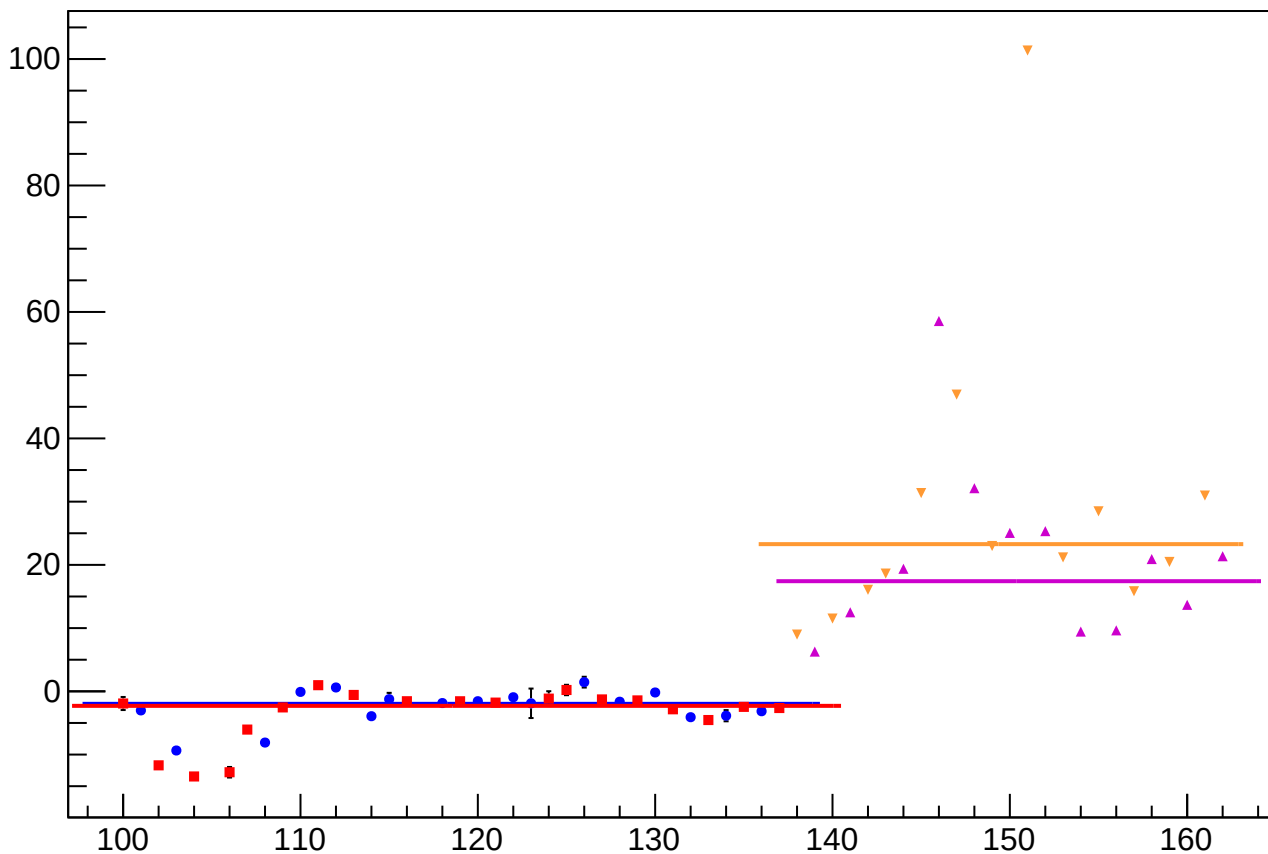
Right: 1.272 ± 0.042 χ^2/NDF : 1680.2/35

In: 1.429 ± 0.034 χ^2/NDF : 2214.0/28

Out: 1.425 ± 0.038 χ^2/NDF : 2942.3/31

All: 1.427 ± 0.026 χ^2/NDF : 5156.3/60

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 23.280 ± 0.070 χ^2/NDF : 46820.0/12

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

Left In: 17.421 ± 0.057 χ^2/NDF : 35253.9/11

Left: 19.759 ± 0.044 χ^2/NDF : 86272.7/24

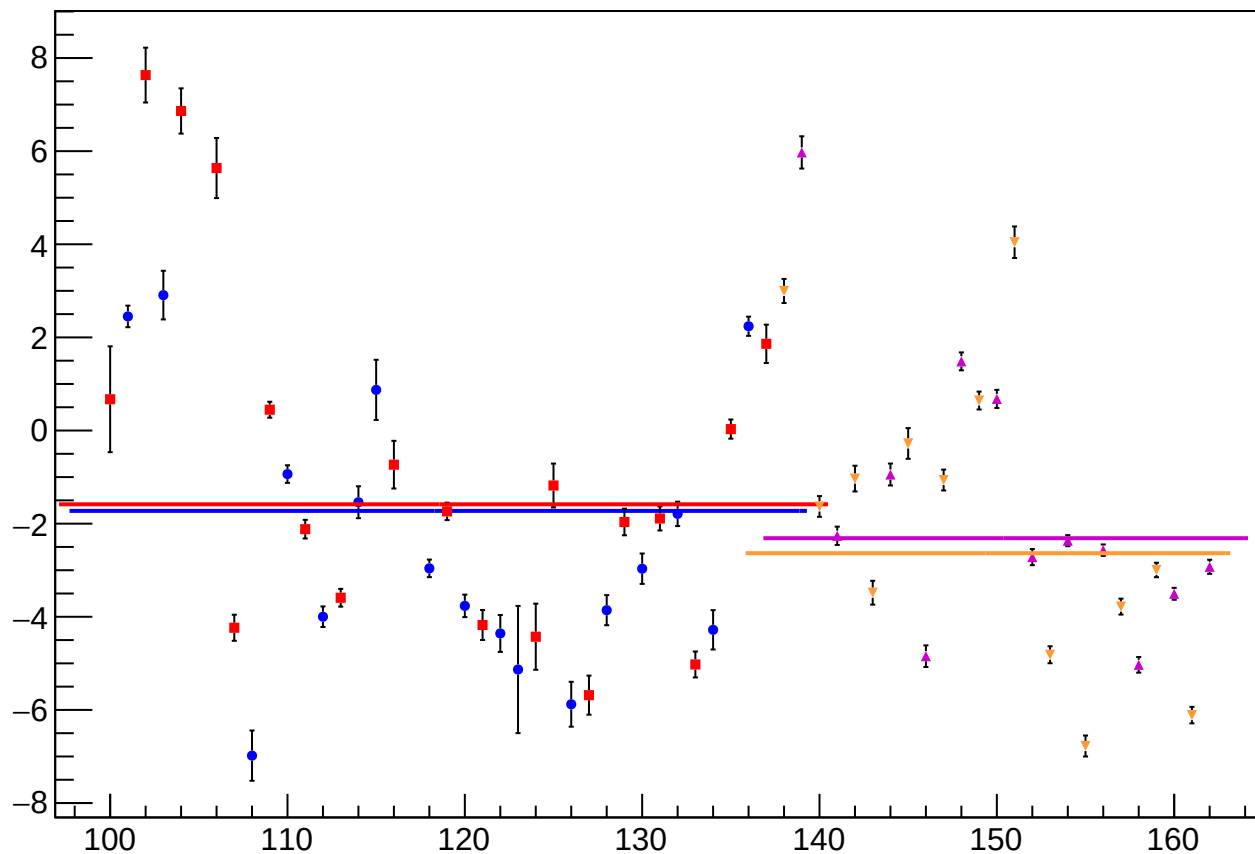
Right: -2.153 ± 0.073 χ^2/NDF : 1375.0/35

In: 13.303 ± 0.051 χ^2/NDF : 60194.3/28

Out: 14.674 ± 0.057 χ^2/NDF : 92519.3/31

All: 13.907 ± 0.038 χ^2/NDF : 153036.1/60

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -2.635 ± 0.059 χ^2/NDF : 2237.7/12

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

Left In: -2.312 ± 0.048 χ^2/NDF : 1726.1/11

Left: -2.440 ± 0.037 χ^2/NDF : 3981.7/24

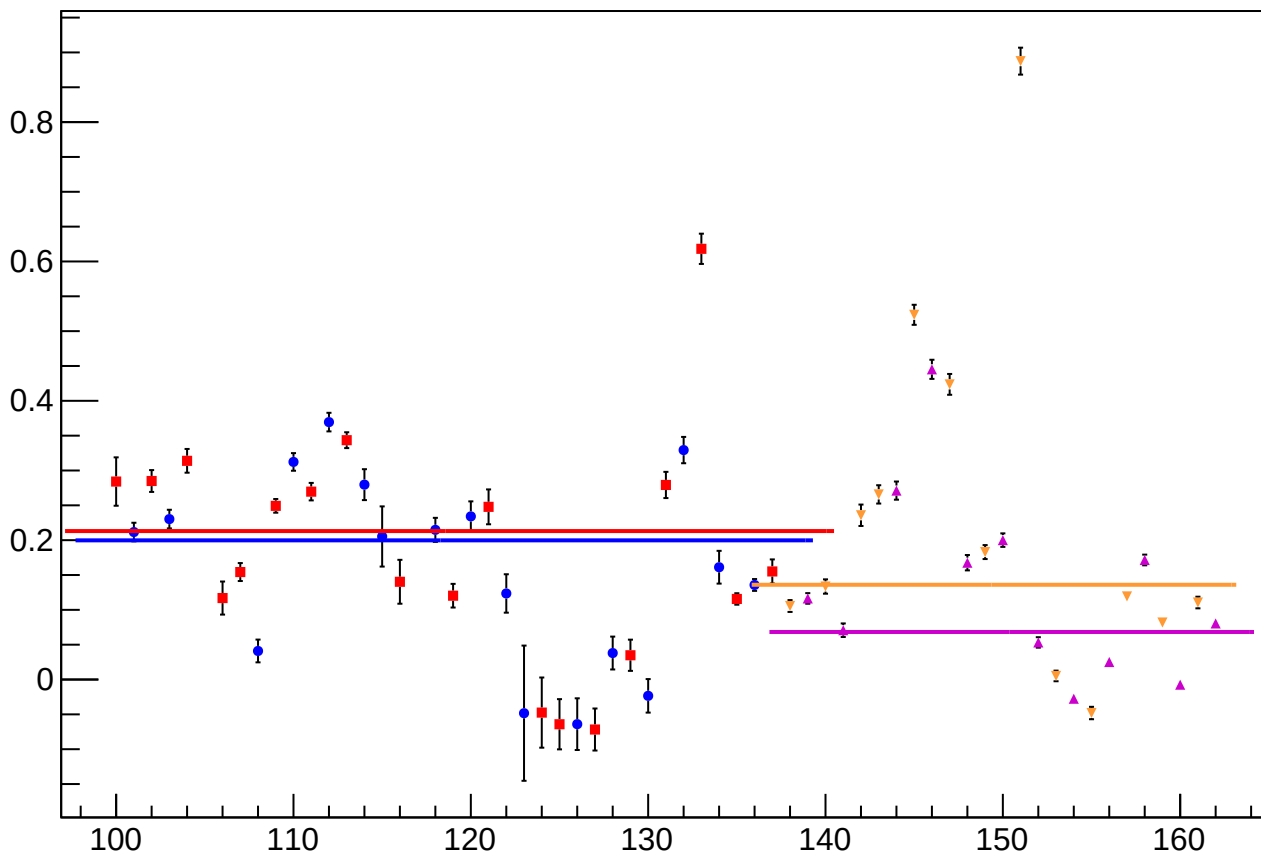
Right: -1.650 ± 0.048 χ^2/NDF : 2836.5/35

In: -2.125 ± 0.040 χ^2/NDF : 3115.3/28

Out: -2.162 ± 0.044 χ^2/NDF : 3872.4/31

All: -2.142 ± 0.029 χ^2/NDF : 6988.1/60

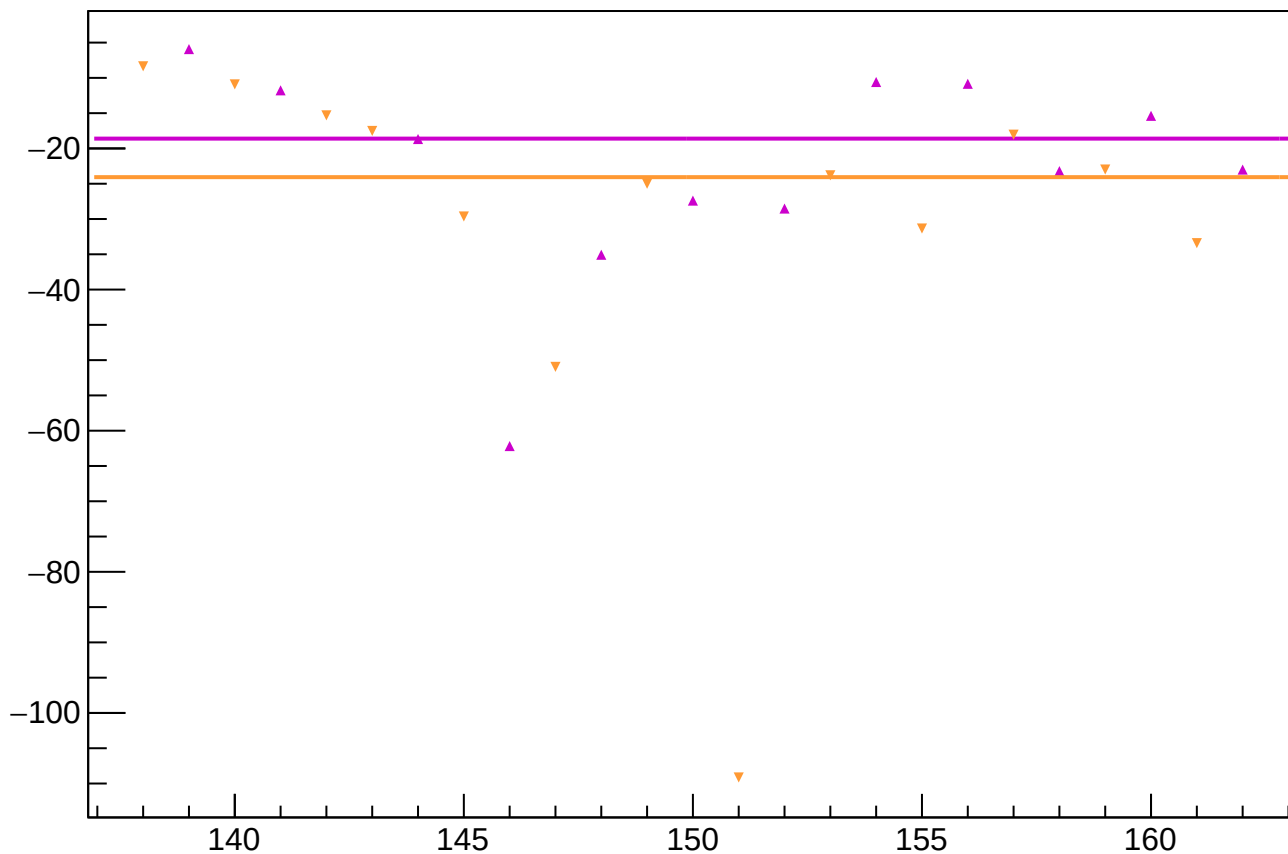
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 ± 0.004 $\chi^2/\text{NDF}: 662.5/16$
 Left Out: 0.136 ± 0.003 $\chi^2/\text{NDF}: 3572.4/12$
 Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1050.9/18$
 Left In: 0.068 ± 0.002 $\chi^2/\text{NDF}: 2115.9/11$

Left: 0.094 ± 0.002 $\chi^2/\text{NDF}: 6090.3/24$
 Right: 0.207 ± 0.003 $\chi^2/\text{NDF}: 1719.2/35$
 In: 0.095 ± 0.002 $\chi^2/\text{NDF}: 3590.0/28$
 Out: 0.162 ± 0.002 $\chi^2/\text{NDF}: 4912.8/31$
 All: 0.124 ± 0.001 $\chi^2/\text{NDF}: 9056.8/60$

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: -24.069+/-0.072 χ^2/NDF : 52136.0/12

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

Left In: -18.607+/-0.060 χ^2/NDF : 37448.0/11

Left: -20.835+/-0.046 χ^2/NDF : 92988.4/24

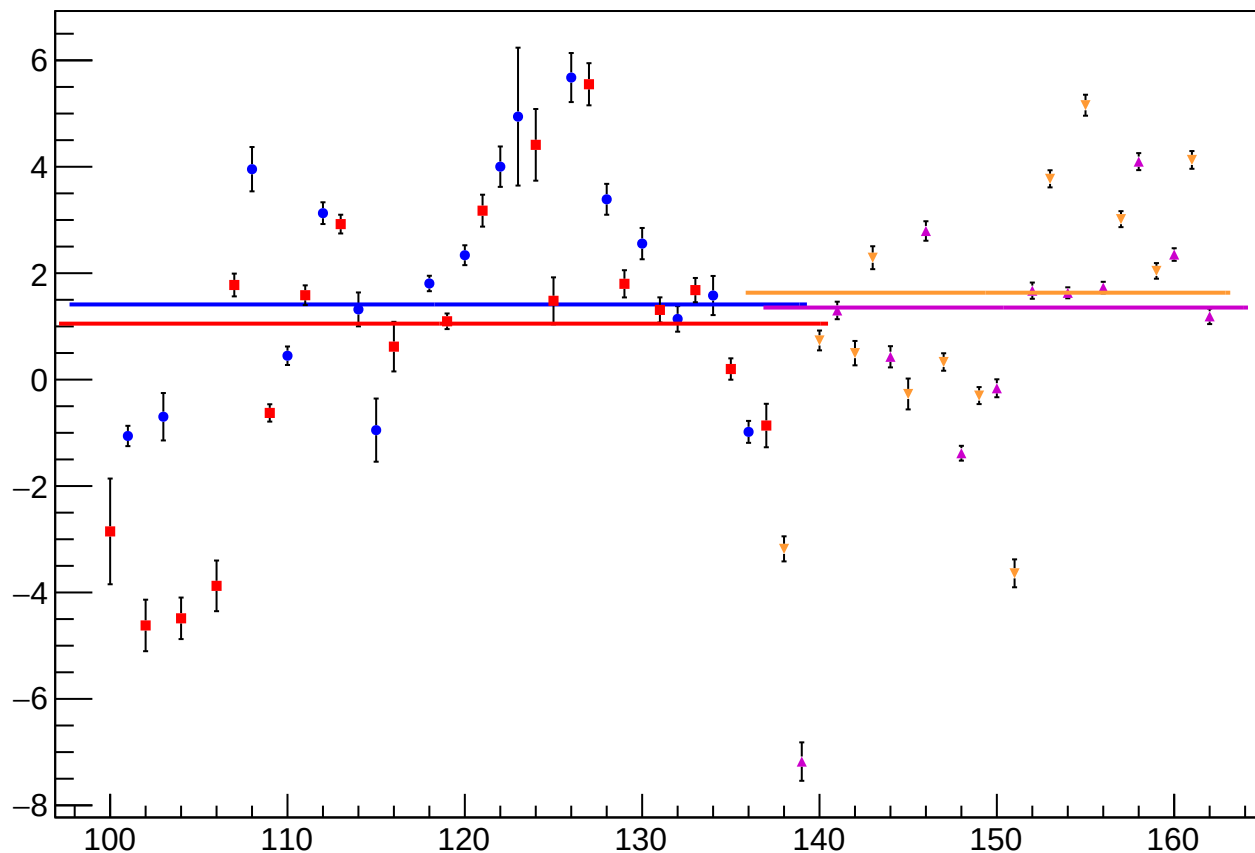
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.607+/-0.060 χ^2/NDF : 37448.0/11

Out: -24.069+/-0.072 χ^2/NDF : 52136.0/12

All: -20.835+/-0.046 χ^2/NDF : 92988.4/24

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 1.633 ± 0.051 χ^2/NDF : 1943.5/12

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

Left In: 1.354 ± 0.042 χ^2/NDF : 1499.1/11

Left: 1.467 ± 0.032 χ^2/NDF : 3460.4/24

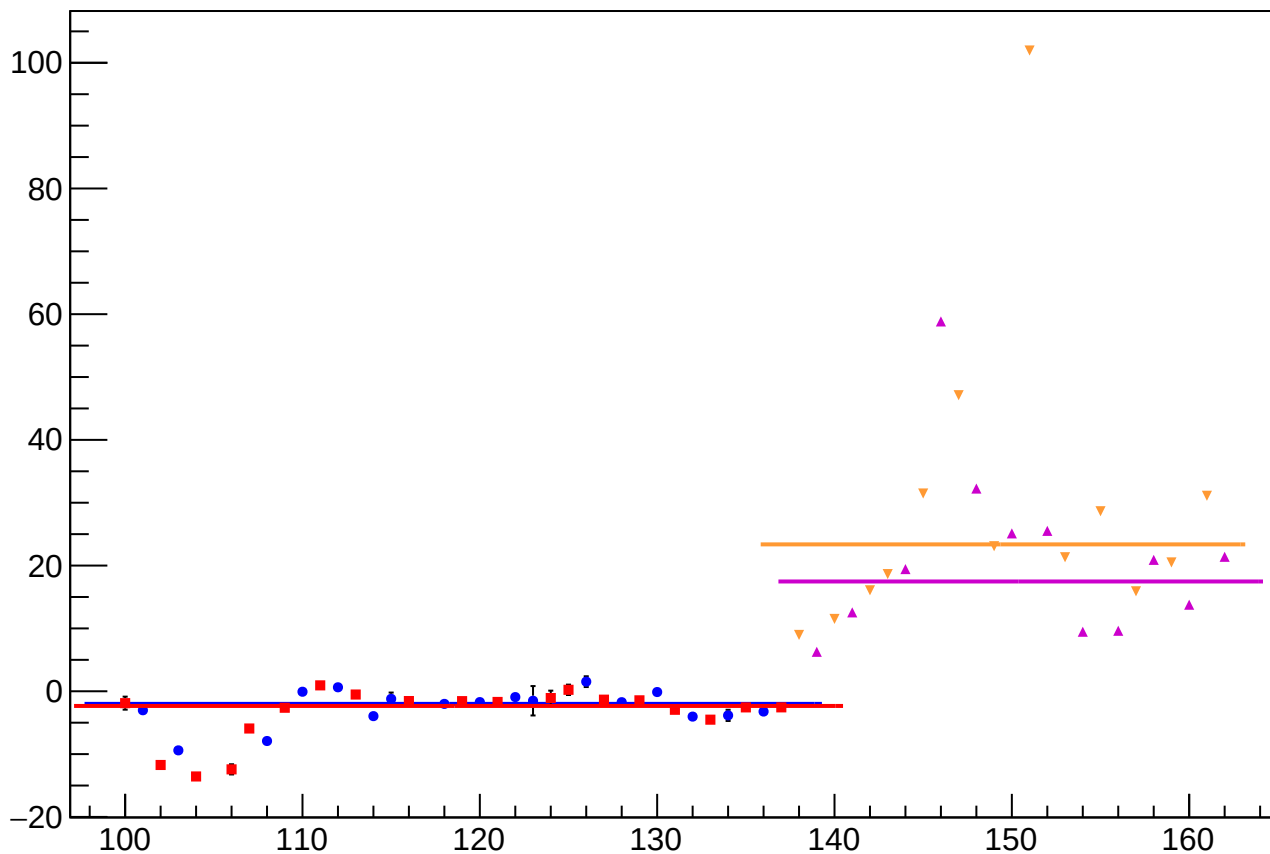
Right: 1.223 ± 0.042 χ^2/NDF : 1695.5/35

In: 1.373 ± 0.035 χ^2/NDF : 2213.6/28

Out: 1.379 ± 0.038 χ^2/NDF : 2963.2/31

All: 1.376 ± 0.026 χ^2/NDF : 5176.8/60

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 23.372 ± 0.070 χ^2/NDF : 46924.7/12

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

Left In: 17.469 ± 0.057 χ^2/NDF : 35321.0/11

Left: 19.823 ± 0.044 χ^2/NDF : 86472.2/24

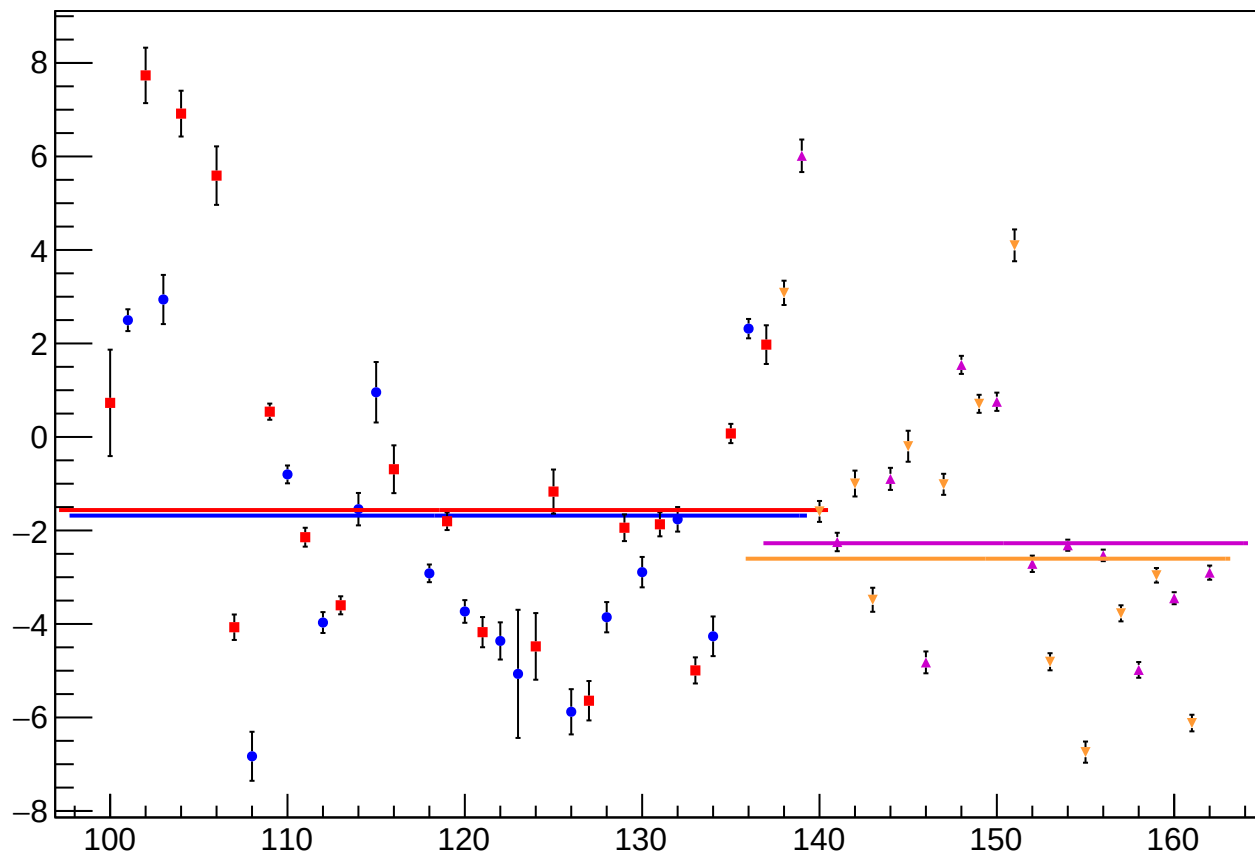
Right: -2.190 ± 0.074 χ^2/NDF : 1369.4/35

In: 13.345 ± 0.051 χ^2/NDF : 60215.2/28

Out: 14.727 ± 0.057 χ^2/NDF : 92662.4/31

All: 13.954 ± 0.038 χ^2/NDF : 153202.4/60

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -2.604 ± 0.059 χ^2/NDF : 2253.6/12

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

Left In: -2.273 ± 0.048 χ^2/NDF : 1721.2/11

Left: -2.404 ± 0.037 χ^2/NDF : 3993.5/24

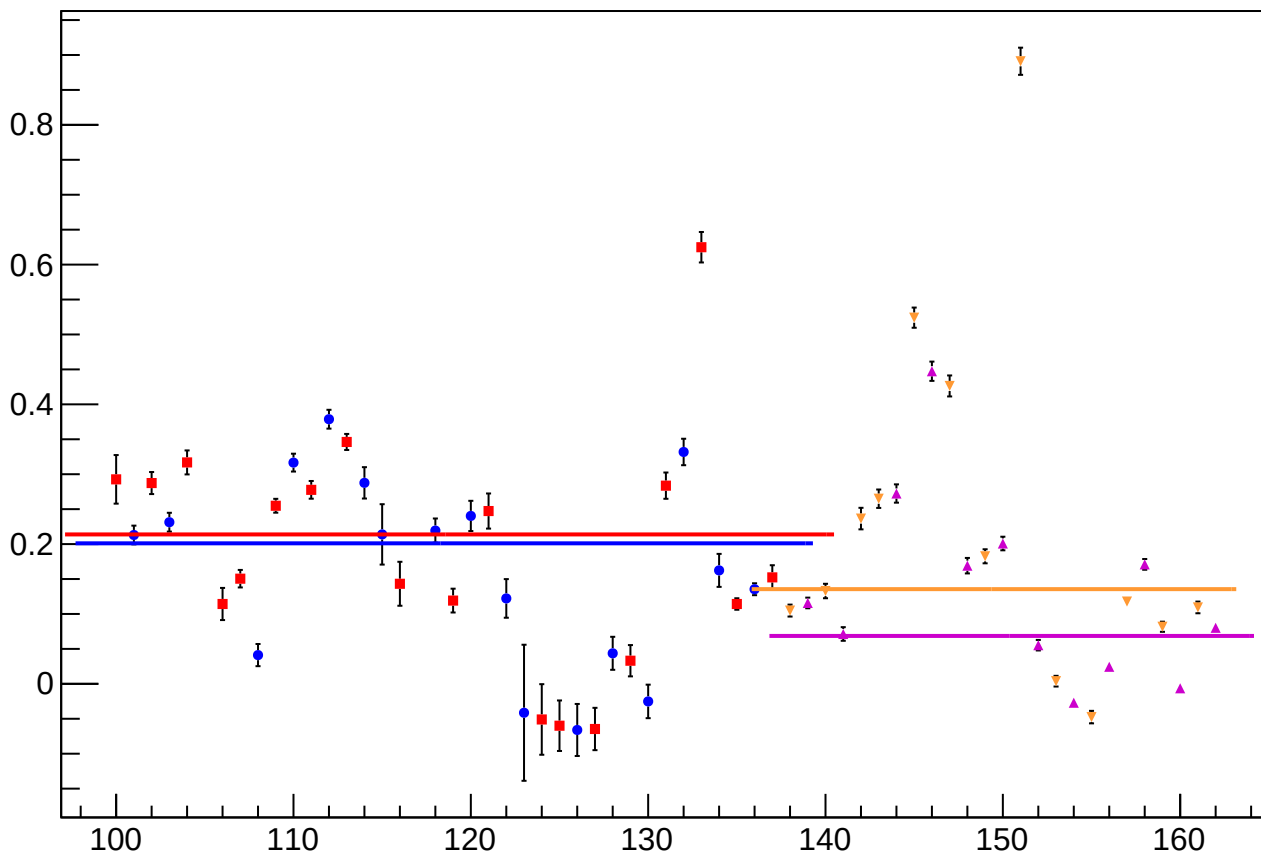
Right: -1.619 ± 0.048 χ^2/NDF : 2854.1/35

In: -2.084 ± 0.040 χ^2/NDF : 3117.1/28

Out: -2.135 ± 0.044 χ^2/NDF : 3896.4/31

All: -2.107 ± 0.029 χ^2/NDF : 7014.2/60

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.136 ± 0.003 χ^2/NDF : 3566.3/12

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

Left In: 0.069 ± 0.002 χ^2/NDF : 2106.4/11

Left: 0.094 ± 0.002 χ^2/NDF : 6062.3/24

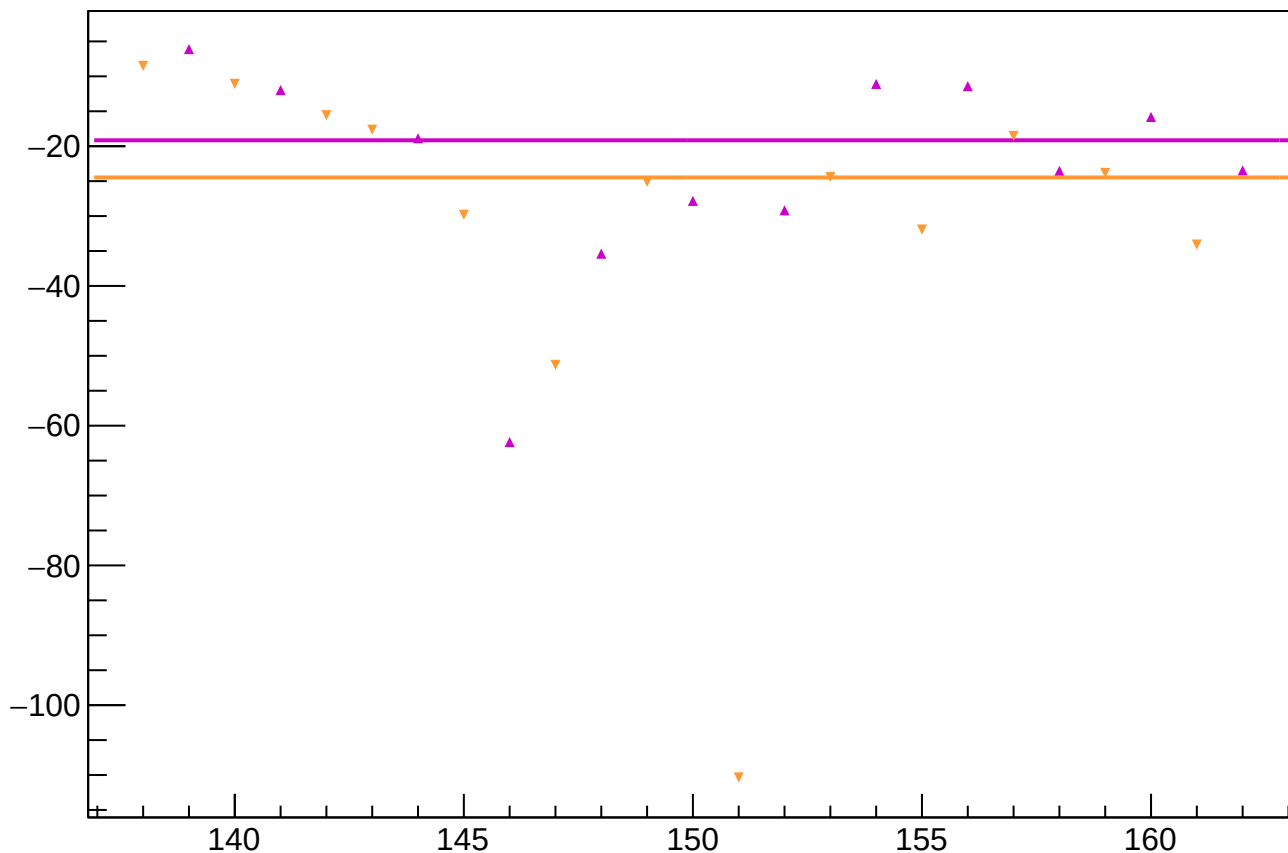
Right: 0.208 ± 0.003 χ^2/NDF : 1779.7/35

In: 0.096 ± 0.002 χ^2/NDF : 3616.3/28

Out: 0.162 ± 0.002 χ^2/NDF : 4946.4/31

All: 0.124 ± 0.001 χ^2/NDF : 9104.9/60

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: -24.474+/-0.073 χ^2/NDF : 52015.0/12

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

Left In: -19.155+/-0.061 χ^2/NDF : 36359.7/11

Left: -21.346+/-0.047 χ^2/NDF : 91479.4/24

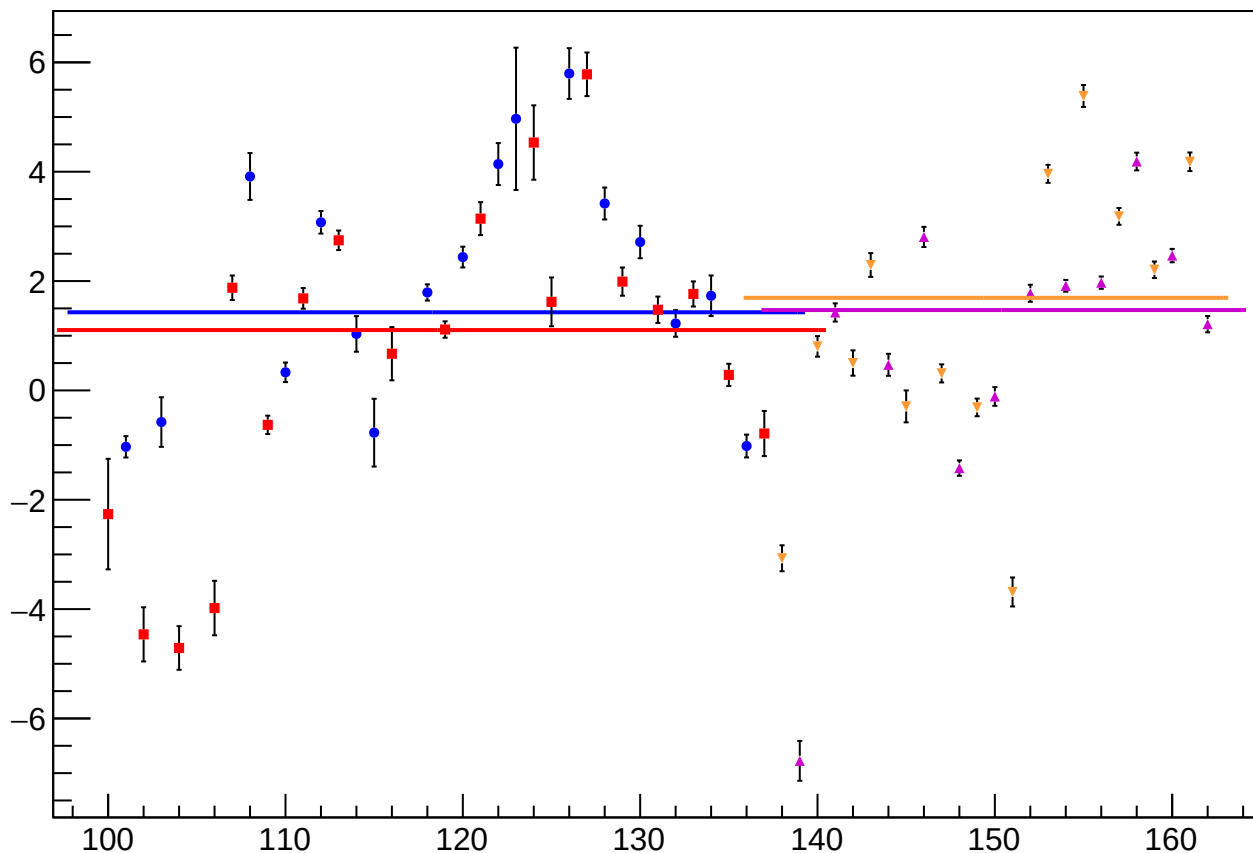
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.155+/-0.061 χ^2/NDF : 36359.7/11

Out: -24.474+/-0.073 χ^2/NDF : 52015.0/12

All: -21.346+/-0.047 χ^2/NDF : 91479.4/24

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: 1.694 $\pm$ 0.052 χ^2 /NDF:1987.3/12

Right Out: 1.104 $\pm$ 0.059 χ^2 /NDF: 936.5/18

Left In: 1.470 $\pm$ 0.043 χ^2 /NDF:1487.4/11

Left: 1.561 $\pm$ 0.033 χ^2 /NDF: 3485.7/24

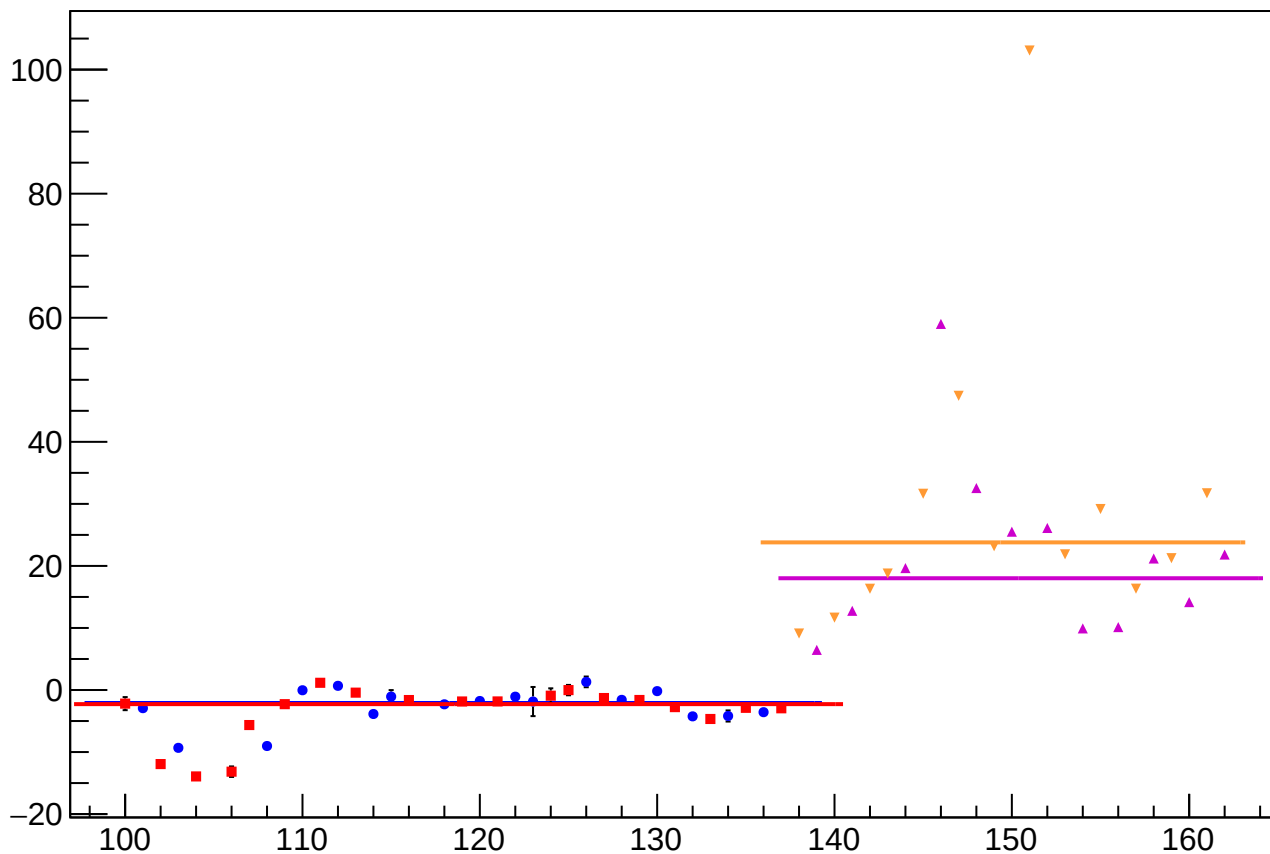
Right: 1.259 $\pm$ 0.043 χ^2 /NDF: 1662.3/35

In: 1.457 $\pm$ 0.035 χ^2 /NDF:2199.1/28

Out: 1.437 $\pm$ 0.039 χ^2 /NDF:2979.7/31

All: 1.448 $\pm$ 0.026 χ^2 /NDF: 5179.0/60

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 23.794 ± 0.072 $\chi^2/\text{NDF}: 46671.7/12$

Right Out: -2.278 ± 0.101 $\chi^2/\text{NDF}: 918.6/18$

Left In: 18.014 ± 0.059 $\chi^2/\text{NDF}: 34142.5/11$

Left: 20.342 ± 0.045 $\chi^2/\text{NDF}: 84707.0/24$

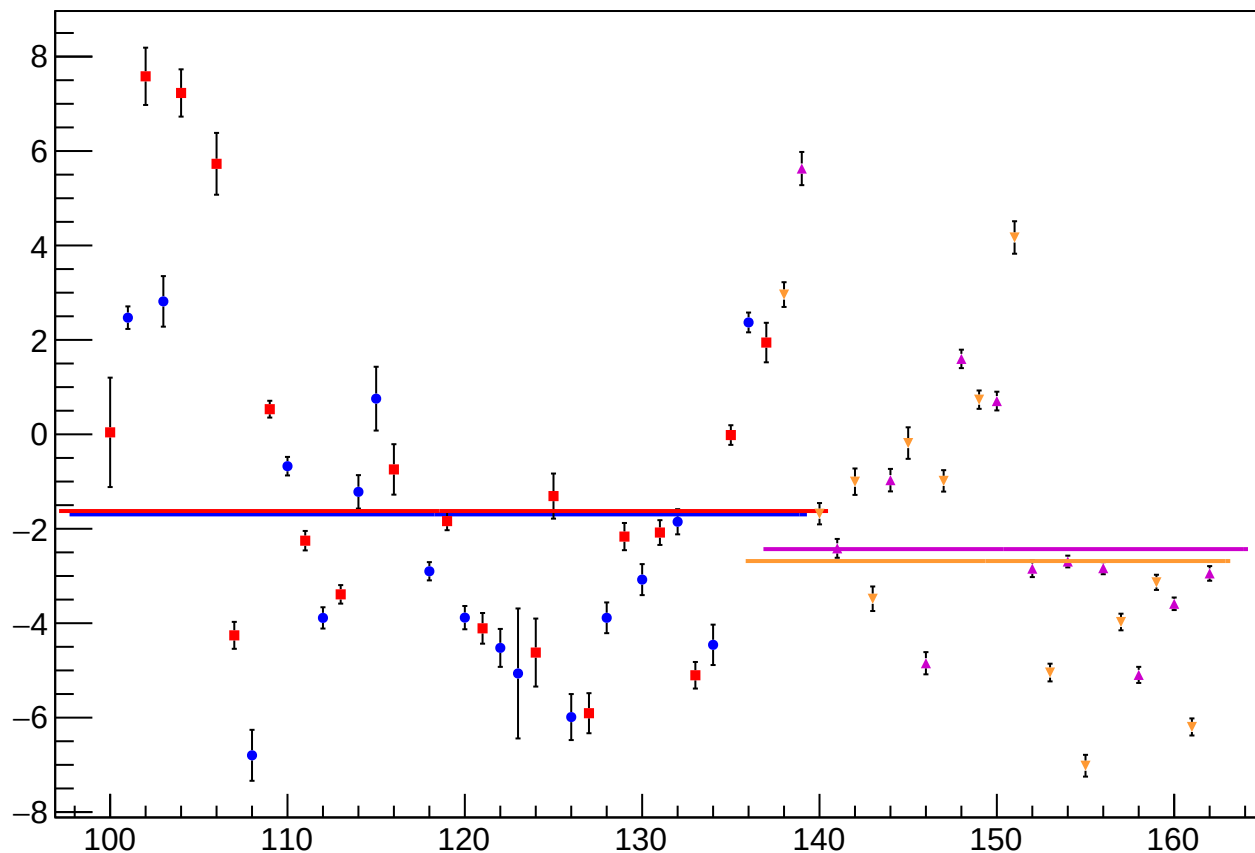
Right: -2.196 ± 0.075 $\chi^2/\text{NDF}: 1406.6/35$

In: 13.707 ± 0.052 $\chi^2/\text{NDF}: 59693.5/28$

Out: 15.075 ± 0.058 $\chi^2/\text{NDF}: 91933.6/31$

All: 14.313 ± 0.039 $\chi^2/\text{NDF}: 151932.3/60$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -2.684 ± 0.060 χ^2/NDF : 2297.5/12

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

Left In: -2.431 ± 0.049 χ^2/NDF : 1695.7/11

Left: -2.532 ± 0.038 χ^2/NDF : 4003.7/24

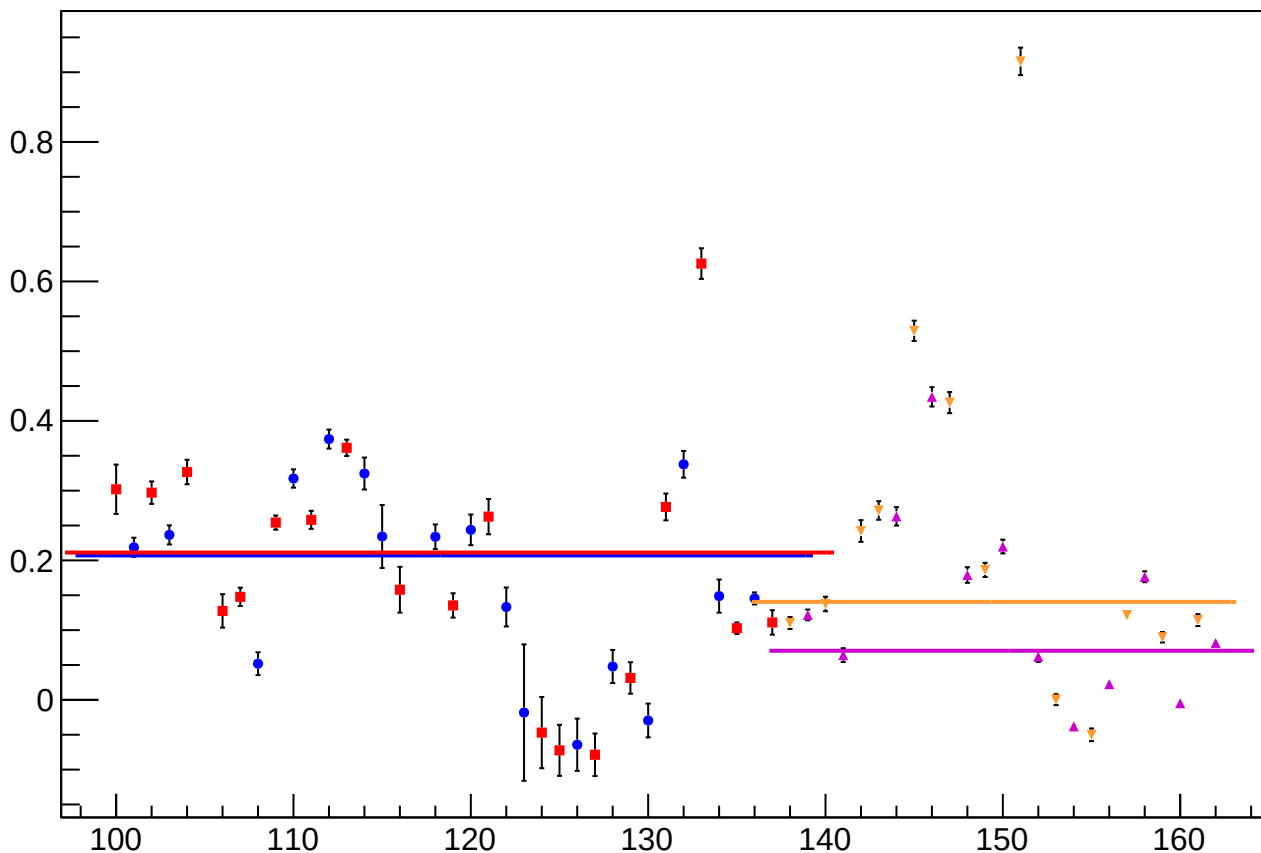
Right: -1.658 ± 0.049 χ^2/NDF : 2801.2/35

In: -2.194 ± 0.041 χ^2/NDF : 3100.5/28

Out: -2.208 ± 0.045 χ^2/NDF : 3902.7/31

All: -2.200 ± 0.030 χ^2/NDF : 7003.3/60

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected

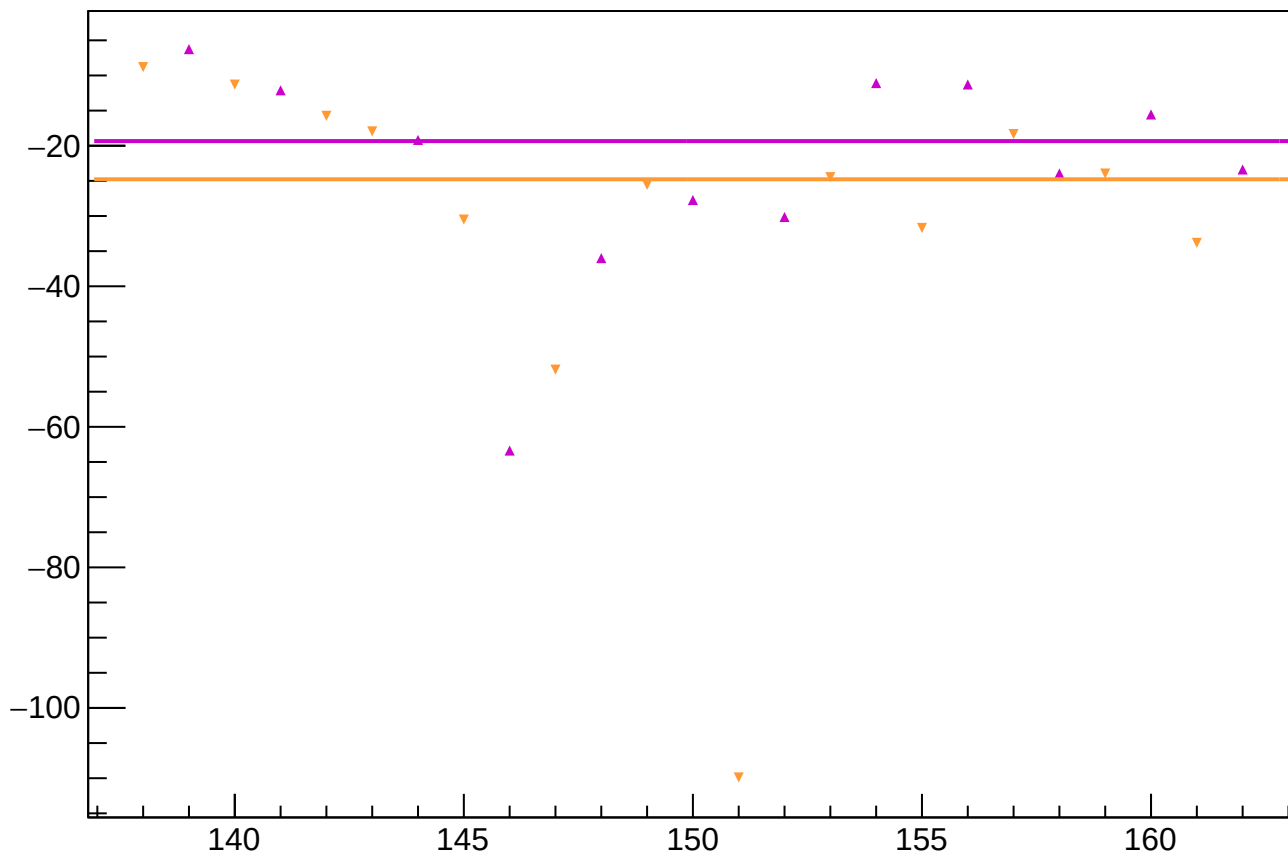


Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 656.3/16
 Left Out: 0.140 $\pm$ 0.003 χ^2/NDF :3613.4/12
 Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1145.7/18
 Left In: 0.070 $\pm$ 0.002 χ^2/NDF :2145.5/11

Left: 0.098 $\pm$ 0.002 χ^2/NDF : 6167.9/24
 Right: 0.209 $\pm$ 0.003 χ^2/NDF : 1802.5/35
 In: 0.099 $\pm$ 0.002 χ^2/NDF :3640.2/28
 Out: 0.165 $\pm$ 0.002 χ^2/NDF :4992.5/31

All: 0.127 $\pm$ 0.001 χ^2/NDF : 9139.3/60

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: -24.775+/-0.074 χ^2/NDF :51106.4/12

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

Left In: -19.339+/-0.062 χ^2/NDF :36654.5/11

Left: -21.586+/-0.048 χ^2/NDF : 90916.8/24

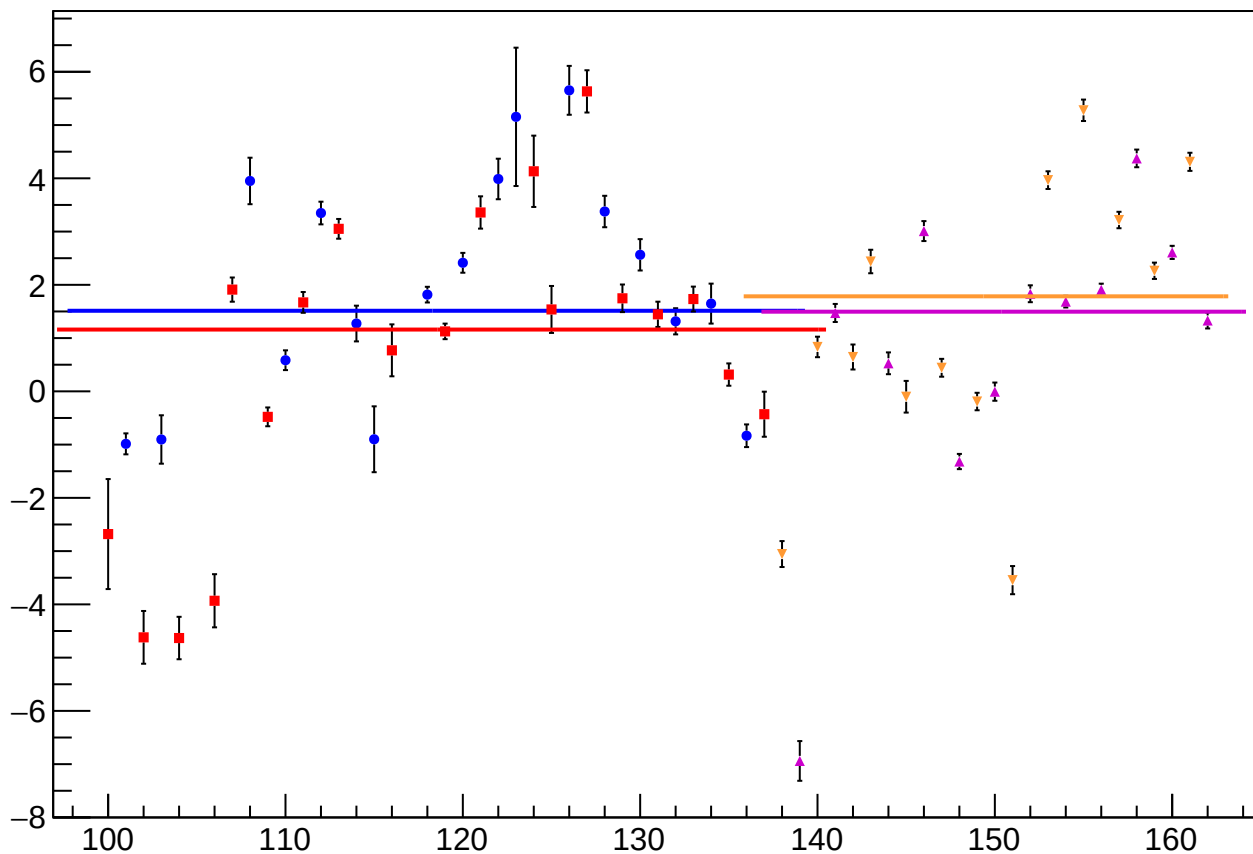
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.339+/-0.062 χ^2/NDF :36654.5/11

Out: -24.775+/-0.074 χ^2/NDF :51106.4/12

All: -21.586+/-0.048 χ^2/NDF : 90916.8/24

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 $\pm$ 0.063 χ^2 /NDF: 669.7/16

Left Out: 1.784 $\pm$ 0.053 χ^2 /NDF:1897.7/12

Right Out: 1.160 $\pm$ 0.060 χ^2 /NDF: 917.0/18

Left In: 1.496 $\pm$ 0.044 χ^2 /NDF:1467.0/11

Left: 1.614 $\pm$ 0.034 χ^2 /NDF: 3382.4/24

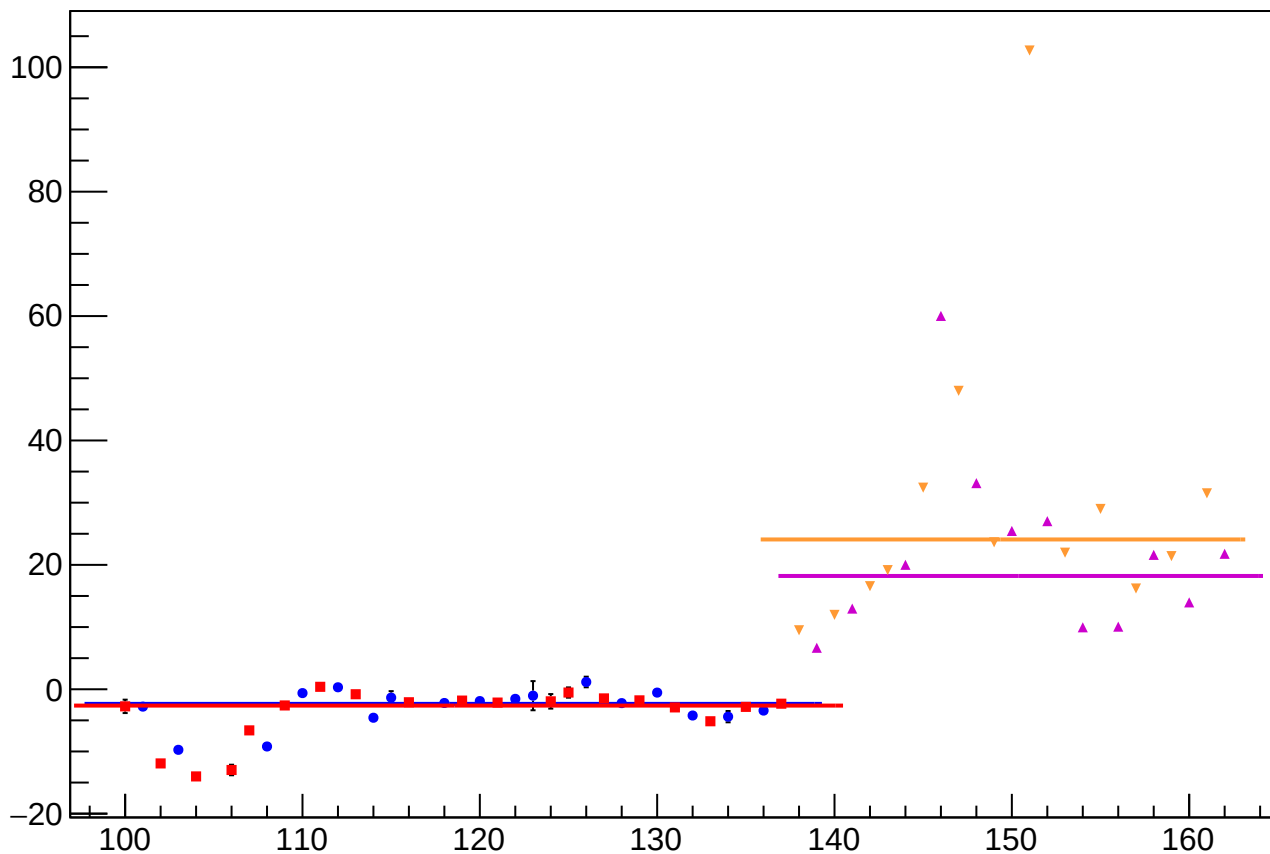
Right: 1.329 $\pm$ 0.043 χ^2 /NDF: 1603.3/35

In: 1.501 $\pm$ 0.036 χ^2 /NDF:2136.7/28

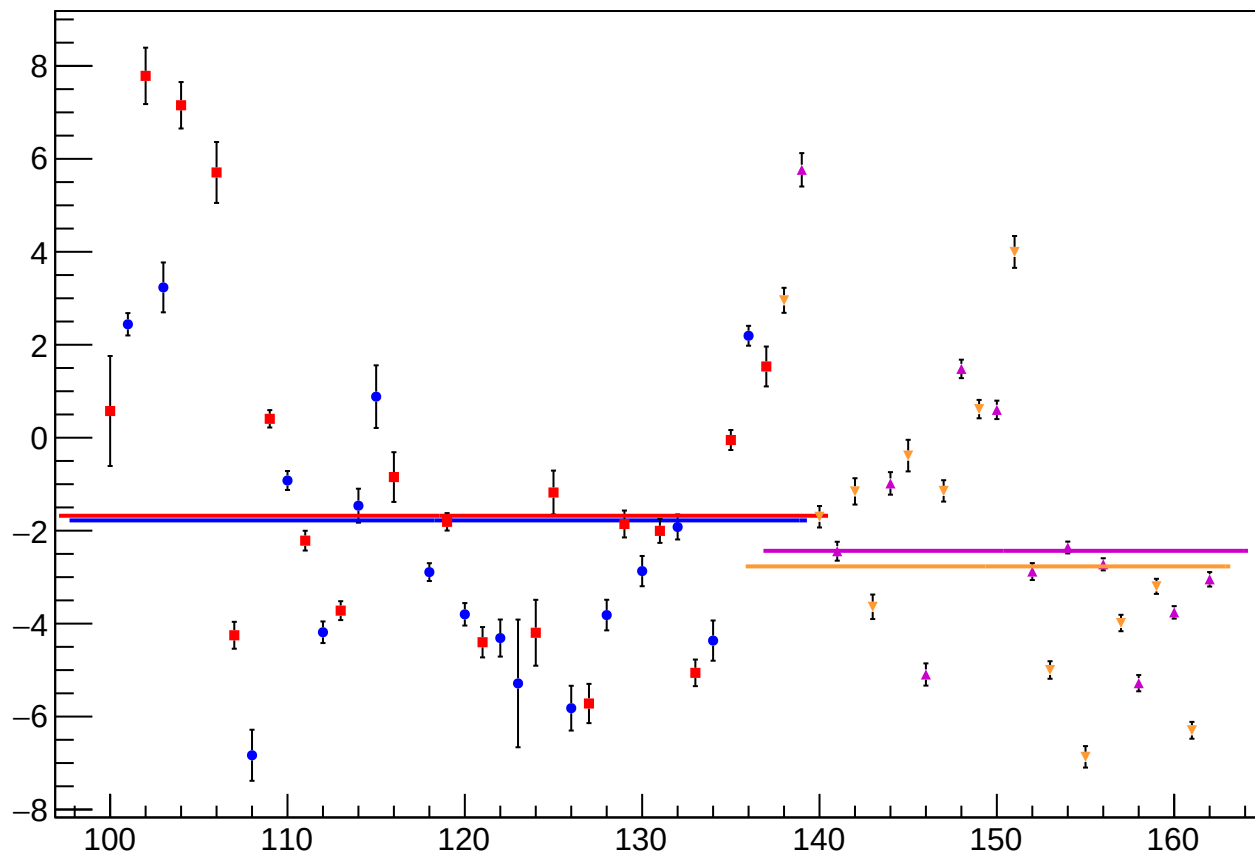
Out: 1.513 $\pm$ 0.040 χ^2 /NDF:2875.7/31

All: 1.507 $\pm$ 0.027 χ^2 /NDF: 5012.5/60

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779 ± 0.072 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -2.769 ± 0.061 $\chi^2/\text{NDF}: 2187.1/12$

Right Out: -1.679 ± 0.068 $\chi^2/\text{NDF}: 1429.6/18$

Left In: -2.434 ± 0.050 $\chi^2/\text{NDF}: 1692.9/11$

Left: -2.569 ± 0.039 $\chi^2/\text{NDF}: 3897.9/24$

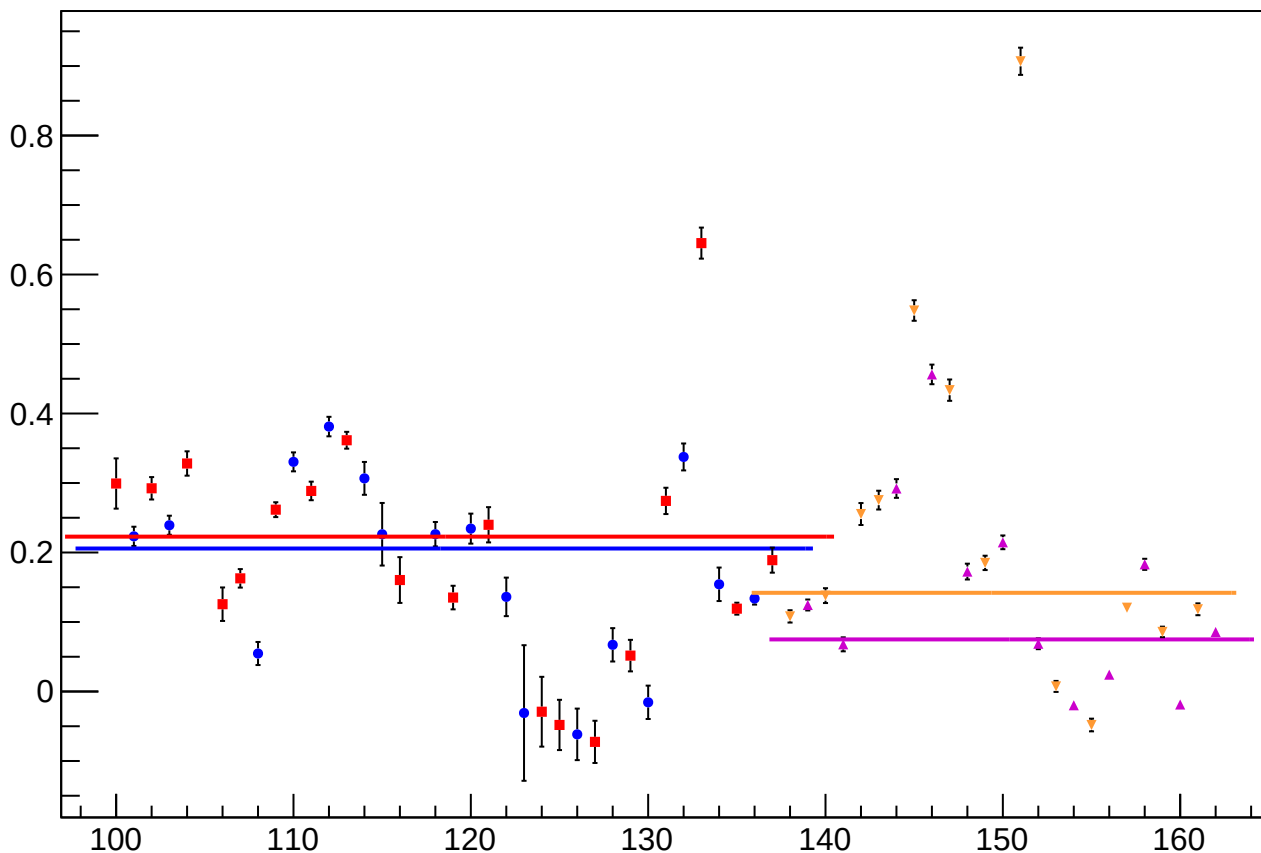
Right: -1.726 ± 0.050 $\chi^2/\text{NDF}: 2702.6/35$

In: -2.221 ± 0.041 $\chi^2/\text{NDF}: 3020.4/28$

Out: -2.282 ± 0.045 $\chi^2/\text{NDF}: 3758.8/31$

All: -2.249 ± 0.031 $\chi^2/\text{NDF}: 6780.1/60$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.004 χ^2 /NDF: 651.8/16

Left Out: 0.142 $\pm$ 0.003 χ^2 /NDF:3618.0/12

Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1042.2/18

Left In: 0.075 $\pm$ 0.002 χ^2 /NDF:2143.7/11

Left: 0.101 $\pm$ 0.002 χ^2 /NDF: 6126.6/24

Right: 0.215 $\pm$ 0.003 χ^2 /NDF: 1702.9/35

In: 0.102 $\pm$ 0.002 χ^2 /NDF:3541.5/28

Out: 0.169 $\pm$ 0.002 χ^2 /NDF:4954.3/31

All: 0.131 $\pm$ 0.001 χ^2 /NDF: 9005.8/60