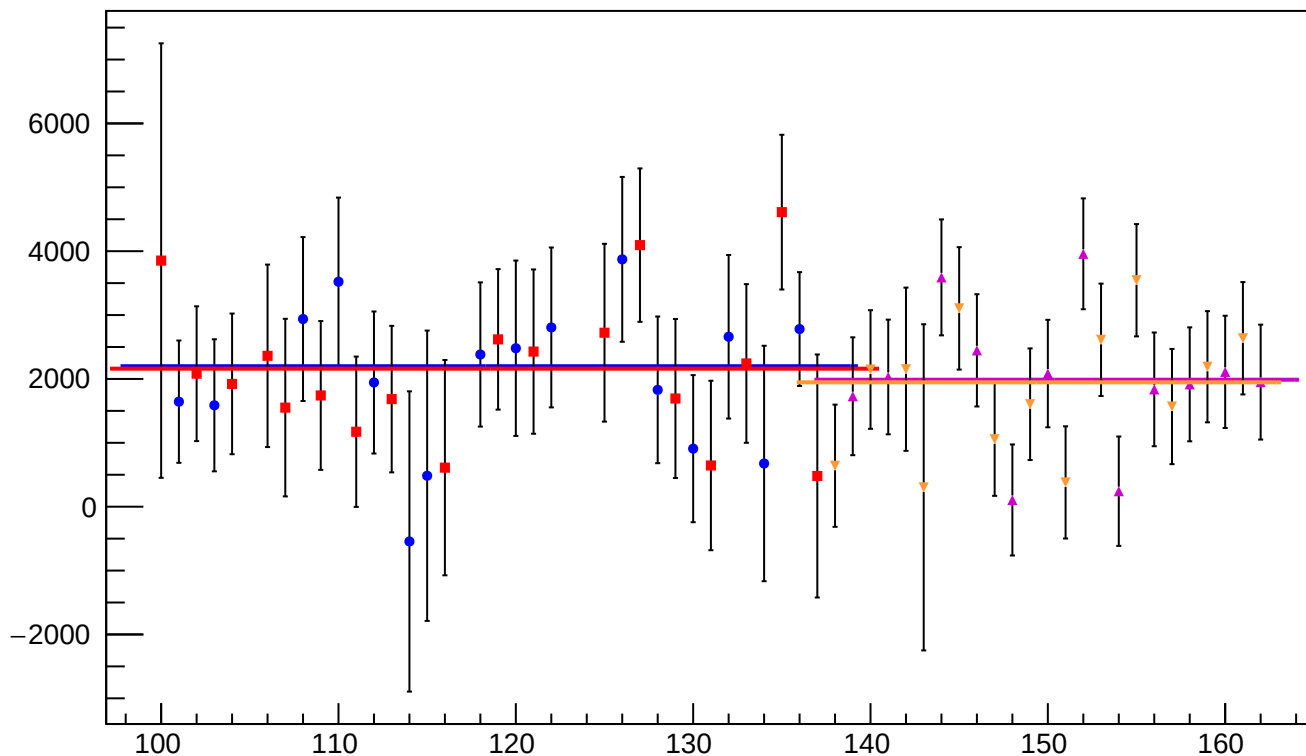


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1947.307+/-263.394

Right Out: 2160.742+/-303.587

Left In: 1987.969+/-254.795

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/12

χ^2/NDF : 11.7/17

χ^2/NDF : 17.5/11

Left: 1968.312+/-183.132

Right: 2179.612+/-215.784

In: 2074.071+/-196.004

Out: 2038.969+/-198.951

All: 2056.782+/-139.626

χ^2/NDF : 30.5/24

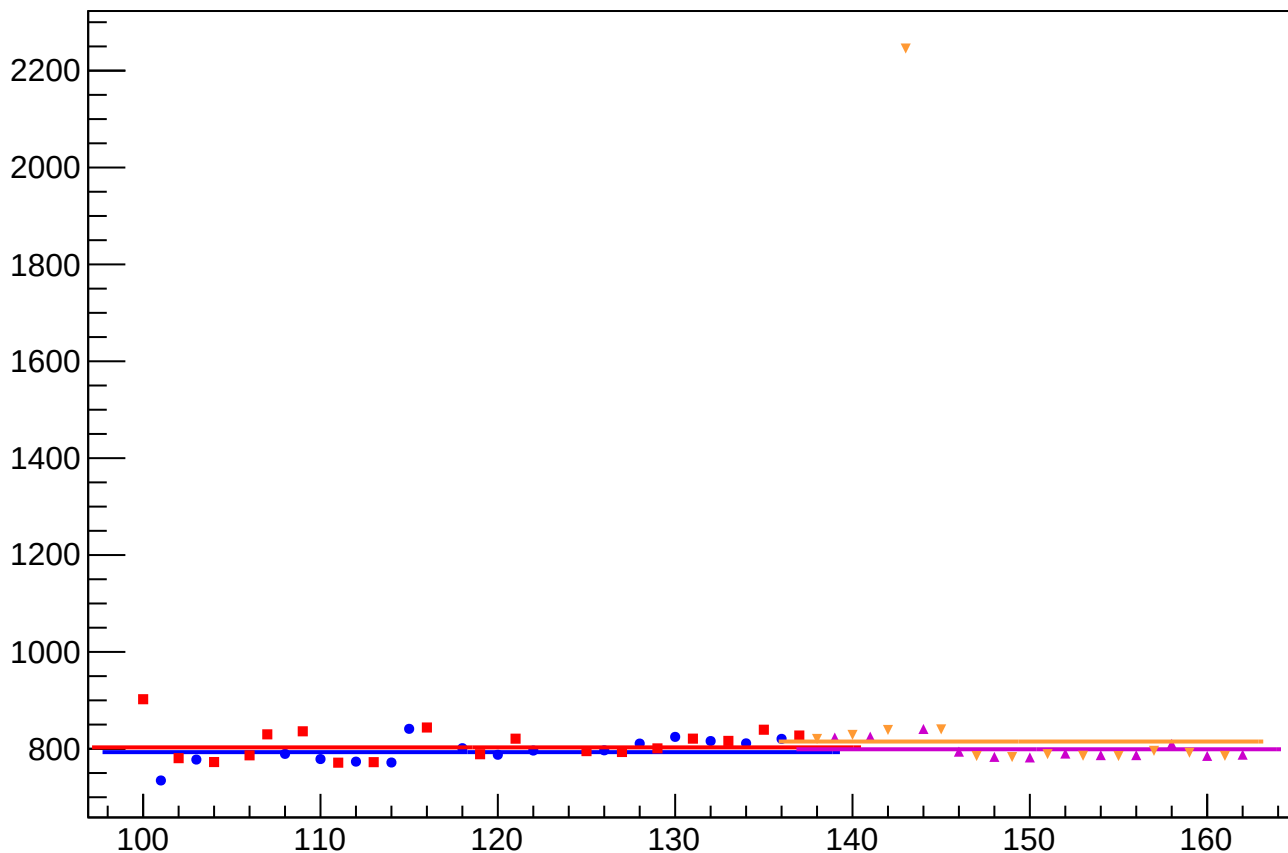
χ^2/NDF : 20.3/33

χ^2/NDF : 26.4/27

χ^2/NDF : 24.8/30

χ^2/NDF : 51.3/58

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 814.986 $\pm$ 0.186 χ^2 /NDF: 646463.2/12

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

Left In: 799.022 $\pm$ 0.180 χ^2 /NDF: 10918.6/11

Left: 806.739 $\pm$ 0.129 χ^2 /NDF: 661177.2/24

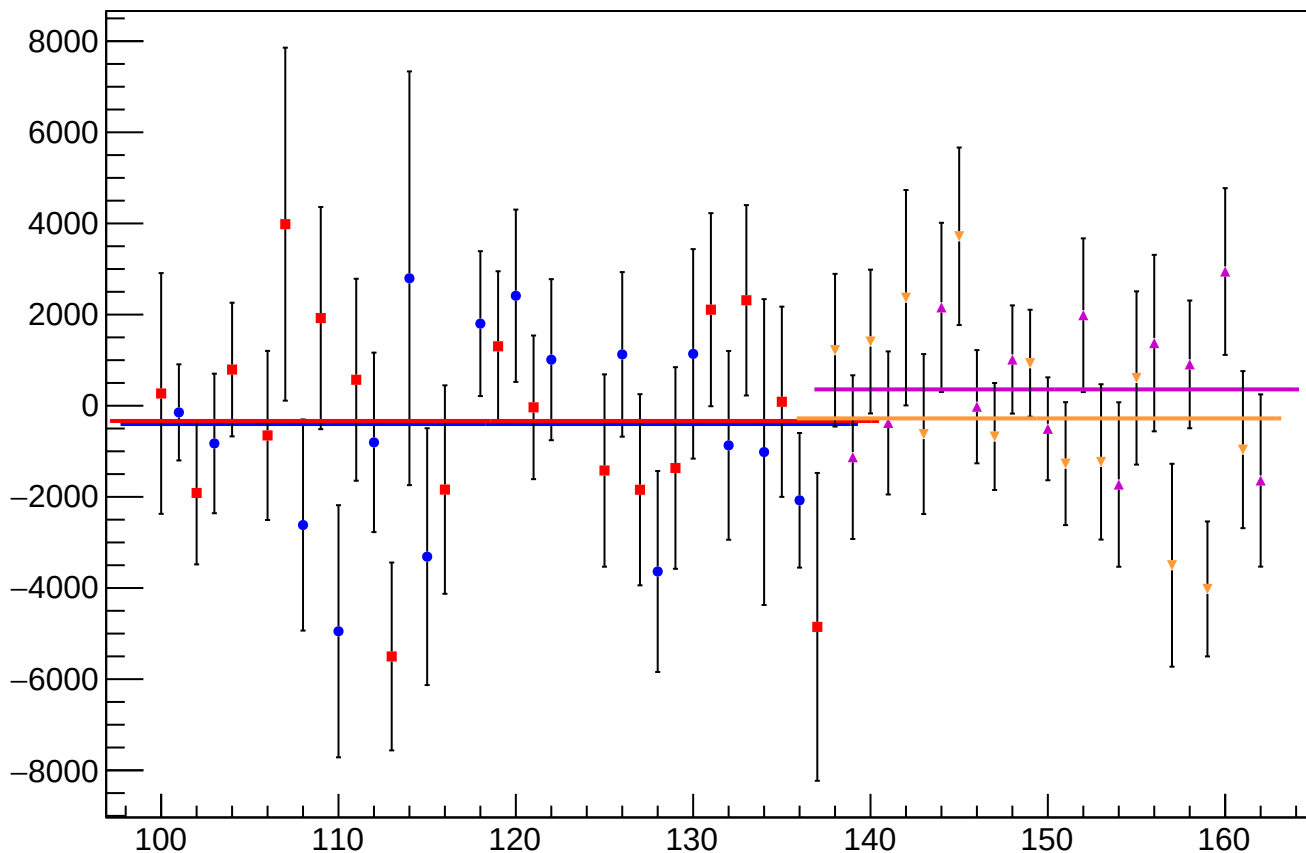
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 796.601 $\pm$ 0.139 χ^2 /NDF: 26064.1/27

Out: 809.815 $\pm$ 0.141 χ^2 /NDF: 662703.5/30

All: 803.109 $\pm$ 0.099 χ^2 /NDF: 693245.2/58

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 $\pm$ 468.669 χ^2/NDF : 14.8/15

Left Out: -277.734 $\pm$ 440.980 χ^2/NDF : 18.3/12

Right Out: -333.998 $\pm$ 478.476 χ^2/NDF : 17.5/17

Left In: 358.445 $\pm$ 440.180 χ^2/NDF : 8.6/11

Left: 40.934 $\pm$ 311.537 χ^2/NDF : 28.0/24

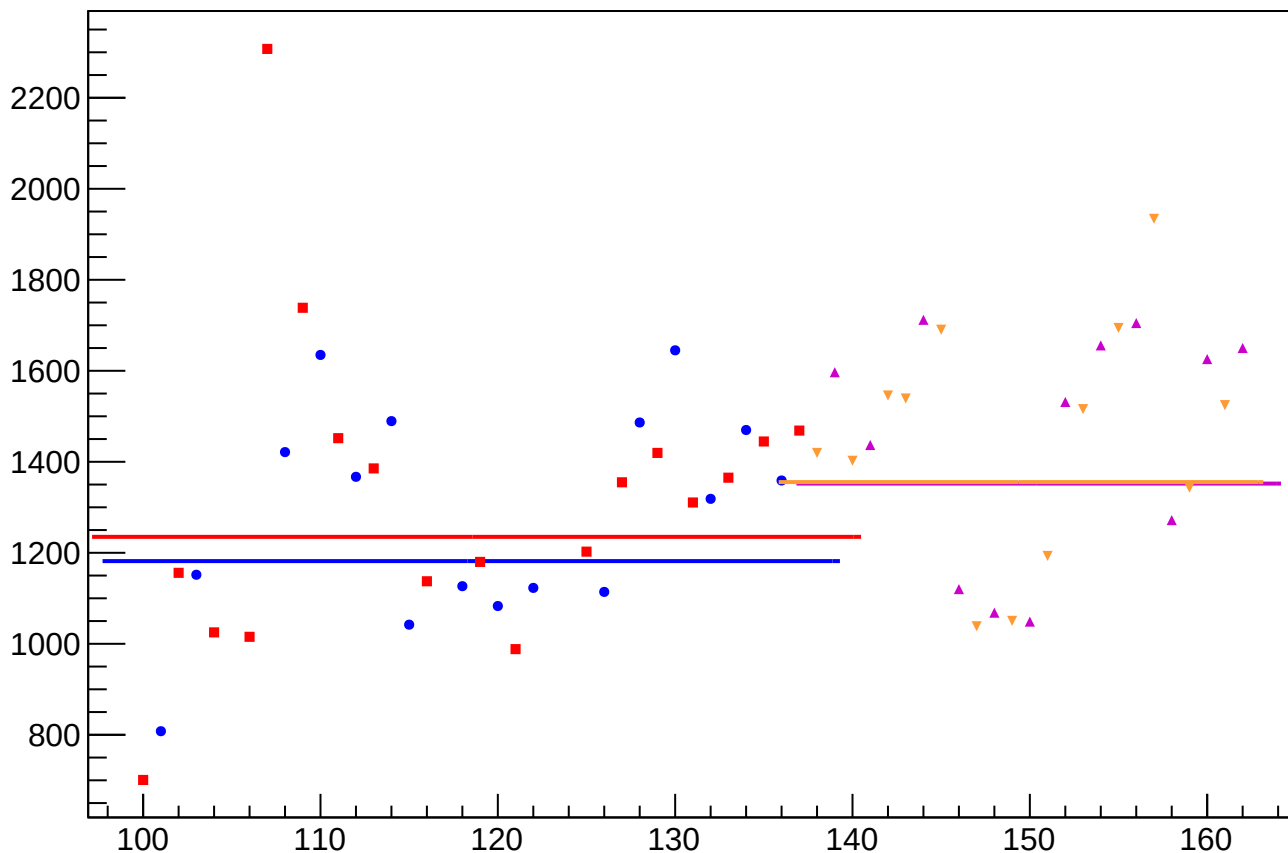
Right: -368.430 $\pm$ 334.812 χ^2/NDF : 32.3/33

In: 2.288 $\pm$ 320.853 χ^2/NDF : 24.9/27

Out: -303.576 $\pm$ 324.267 χ^2/NDF : 35.8/30

All: -149.026 $\pm$ 228.075 χ^2/NDF : 61.1/58

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1355.421+/-0.312 χ^2/NDF : 644107.6/12

Right Out: 1235.094+/-0.338 χ^2/NDF : 540252.3/17

Left In: 1352.132+/-0.311 χ^2/NDF : 693084.2/11

Left: 1353.773+/-0.220 χ^2/NDF : 1337247.5/24

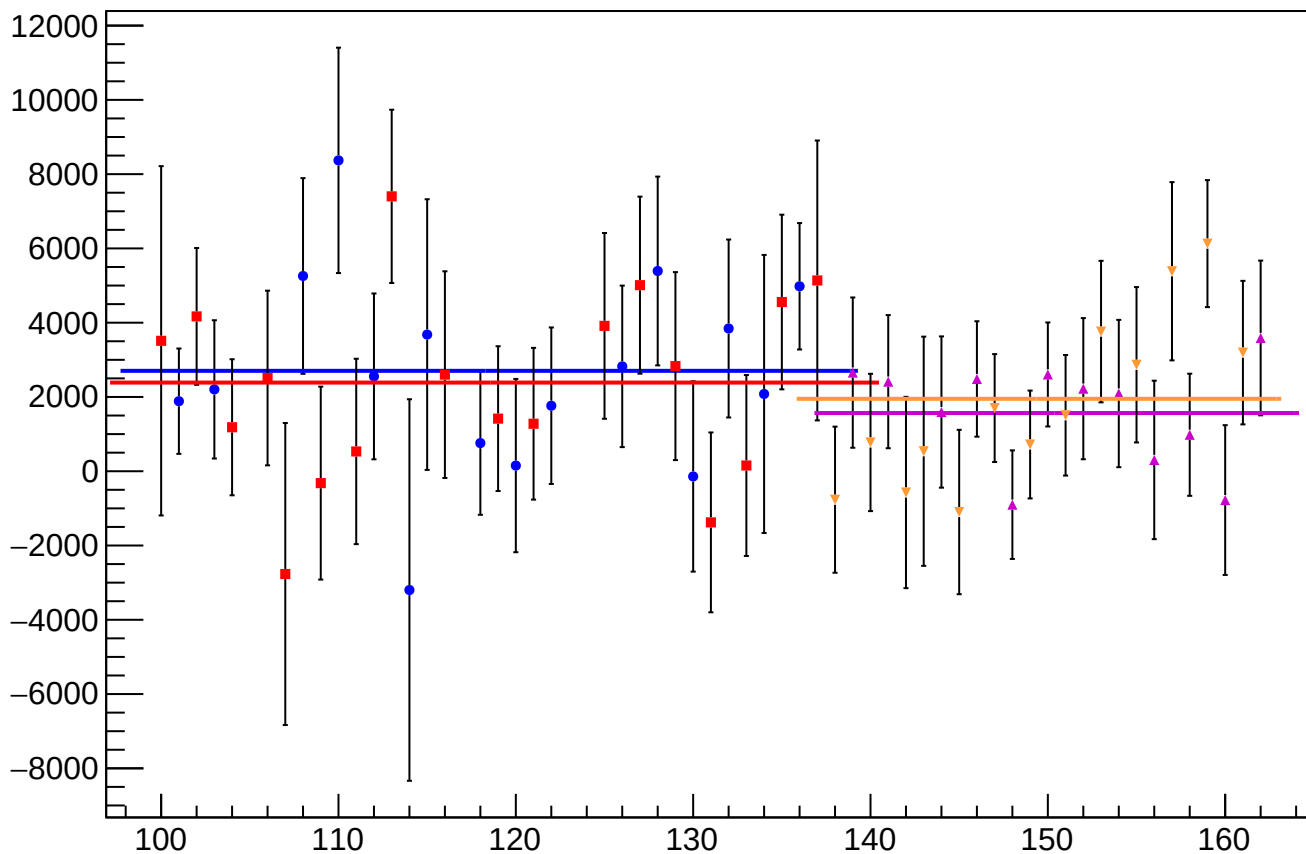
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1272.284+/-0.227 χ^2/NDF : 1376992.0/27

Out: 1300.156+/-0.229 χ^2/NDF : 1252751.8/30

All: 1286.073+/-0.161 χ^2/NDF : 2637209.8/58

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1950.294+/-525.154 χ^2/NDF : 15.7/12

Right Out: 2387.341+/-569.264 χ^2/NDF : 16.1/17

Left In: 1567.400+/-513.996 χ^2/NDF : 7.2/11

Left: 1754.736+/-367.331 χ^2/NDF : 23.2/24

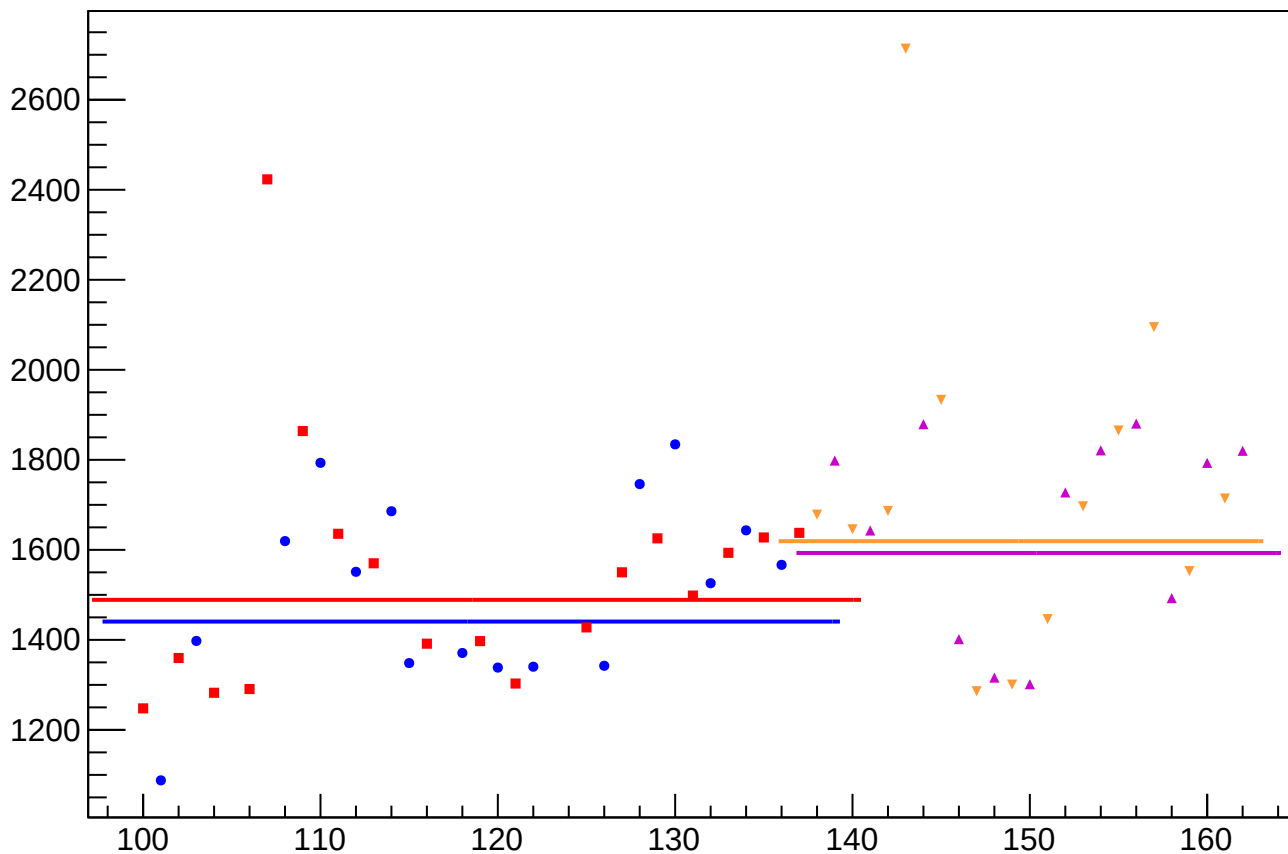
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2082.444+/-380.055 χ^2/NDF : 22.5/27

Out: 2151.231+/-385.993 χ^2/NDF : 32.1/30

All: 2116.305+/-270.815 χ^2/NDF : 54.6/58

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1619.266 $\pm$ 0.371 χ^2/NDF : 636982.4/12

Right Out: 1488.944 $\pm$ 0.403 χ^2/NDF : 256842.6/17

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

Left: 1605.888 $\pm$ 0.260 χ^2/NDF : 1013559.4/24

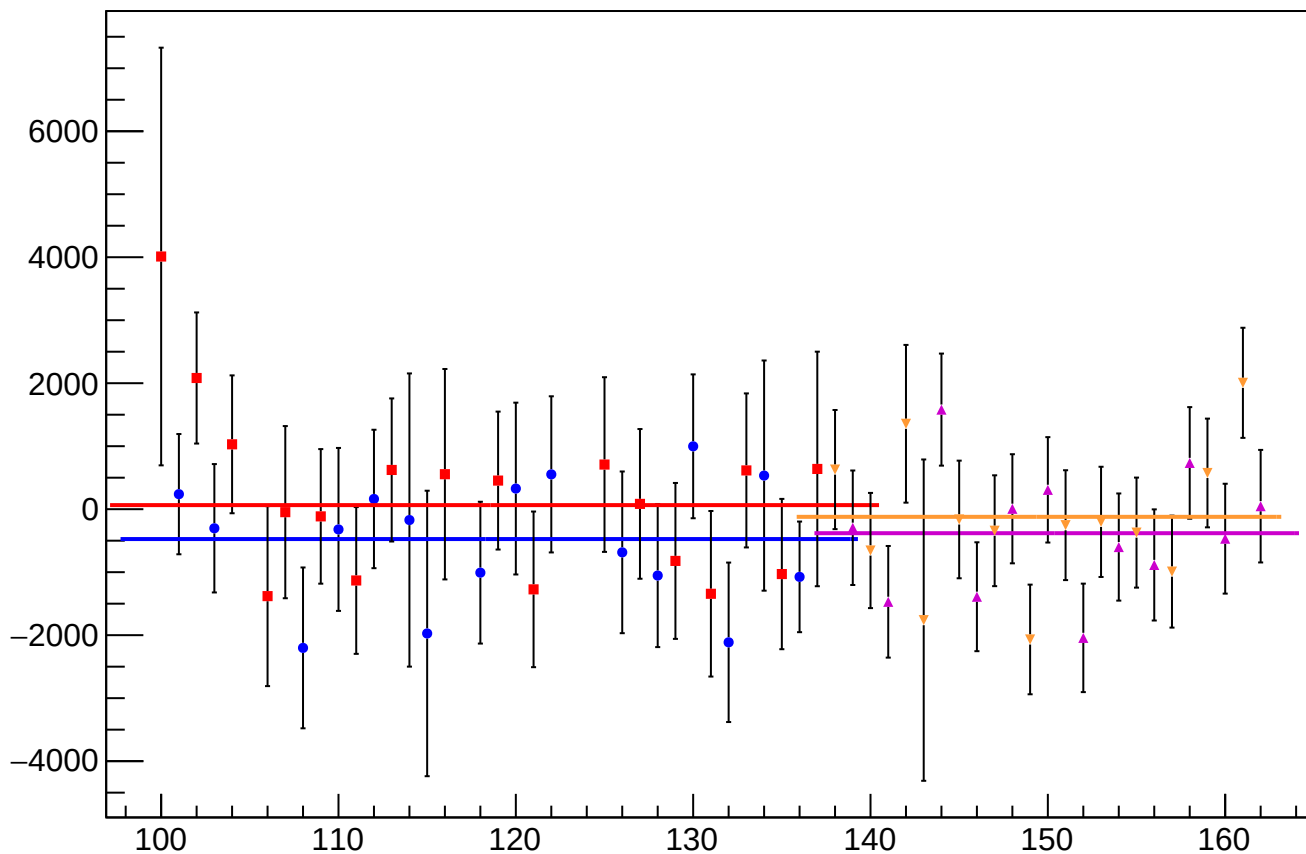
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1523.985 $\pm$ 0.269 χ^2/NDF : 736015.7/27

Out: 1559.349 $\pm$ 0.273 χ^2/NDF : 950452.5/30

All: 1541.393 $\pm$ 0.191 χ^2/NDF : 1694992.2/58

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -121.342 $\pm$ 260.700 χ^2 /NDF:15.5/12

Right Out: 64.684 $\pm$ 298.395 χ^2 /NDF: 12.7/17

Left In: -381.137 $\pm$ 252.320 χ^2 /NDF:14.6/11

Left: -255.482 $\pm$ 181.307 χ^2 /NDF: 30.6/24

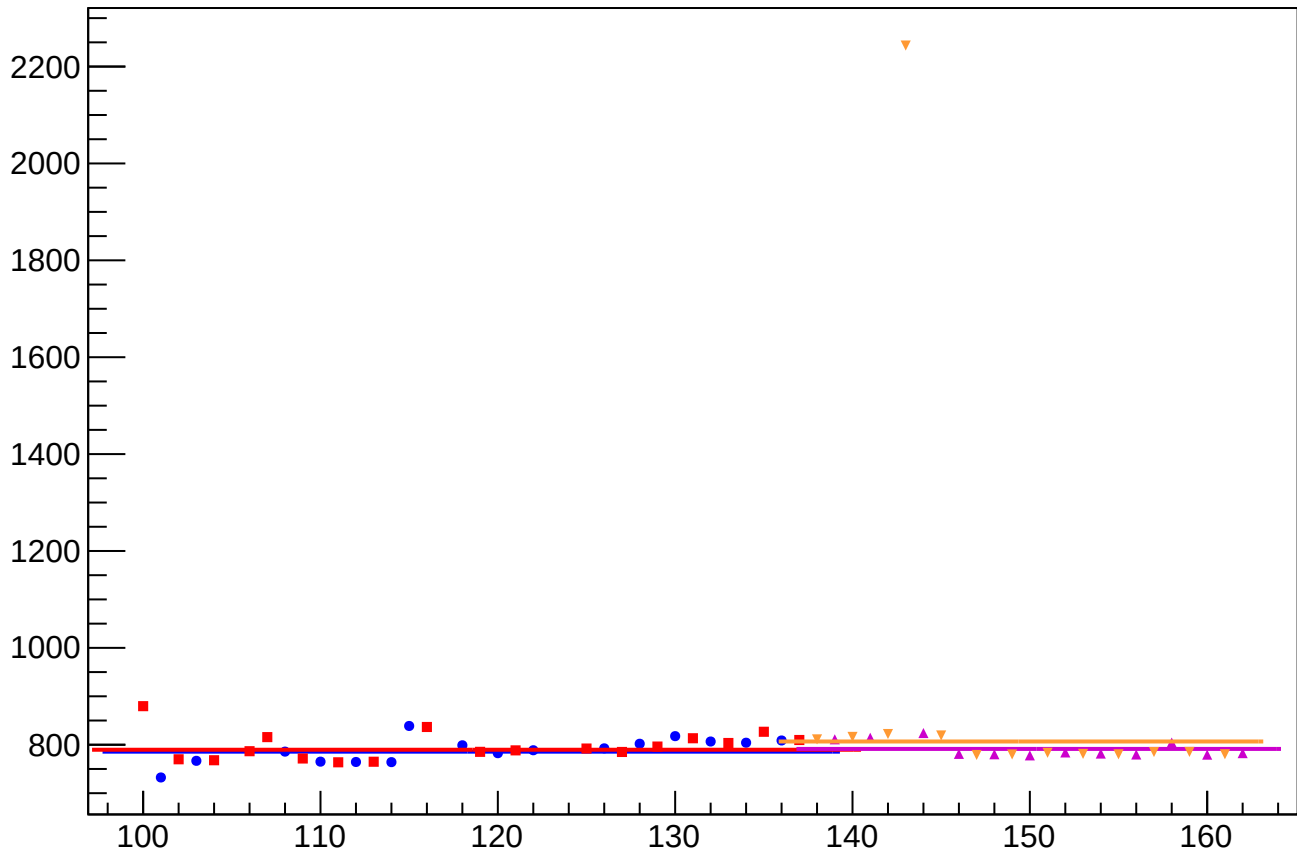
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -419.084 $\pm$ 194.133 χ^2 /NDF:23.5/27

Out: -40.814 $\pm$ 196.326 χ^2 /NDF:28.4/30

All: -232.073 $\pm$ 138.041 χ^2 /NDF: 53.8/58

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 806.727 $\pm$ 0.184 χ^2 /NDF: 648630.4/12

Right Out: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

Left In: 791.380 $\pm$ 0.178 χ^2 /NDF: 7867.5/11

Left: 798.803 $\pm$ 0.128 χ^2 /NDF: 660076.3/24

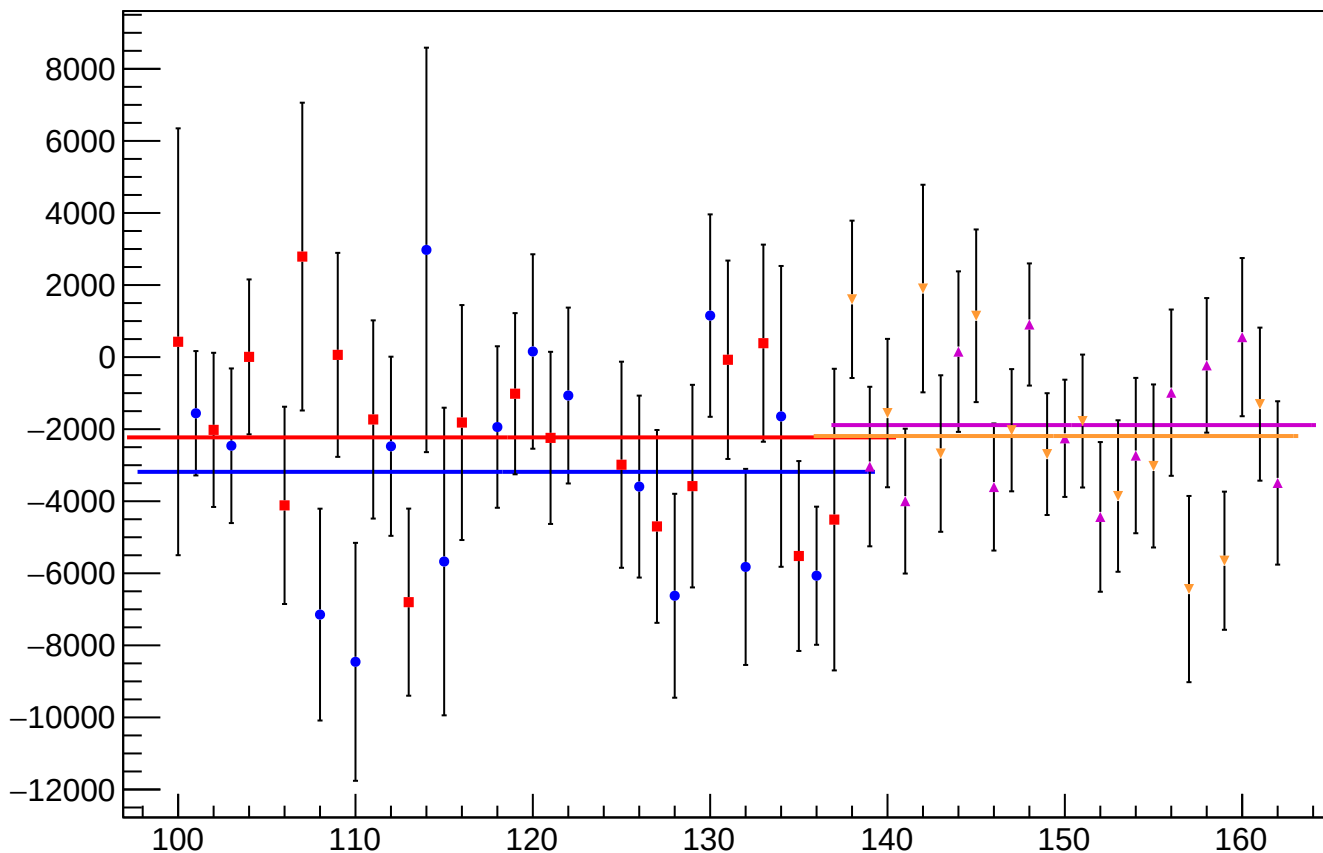
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 789.081 $\pm$ 0.137 χ^2 /NDF: 22196.0/27

Out: 799.345 $\pm$ 0.139 χ^2 /NDF: 663344.1/30

All: 794.156 $\pm$ 0.098 χ^2 /NDF: 688304.1/58

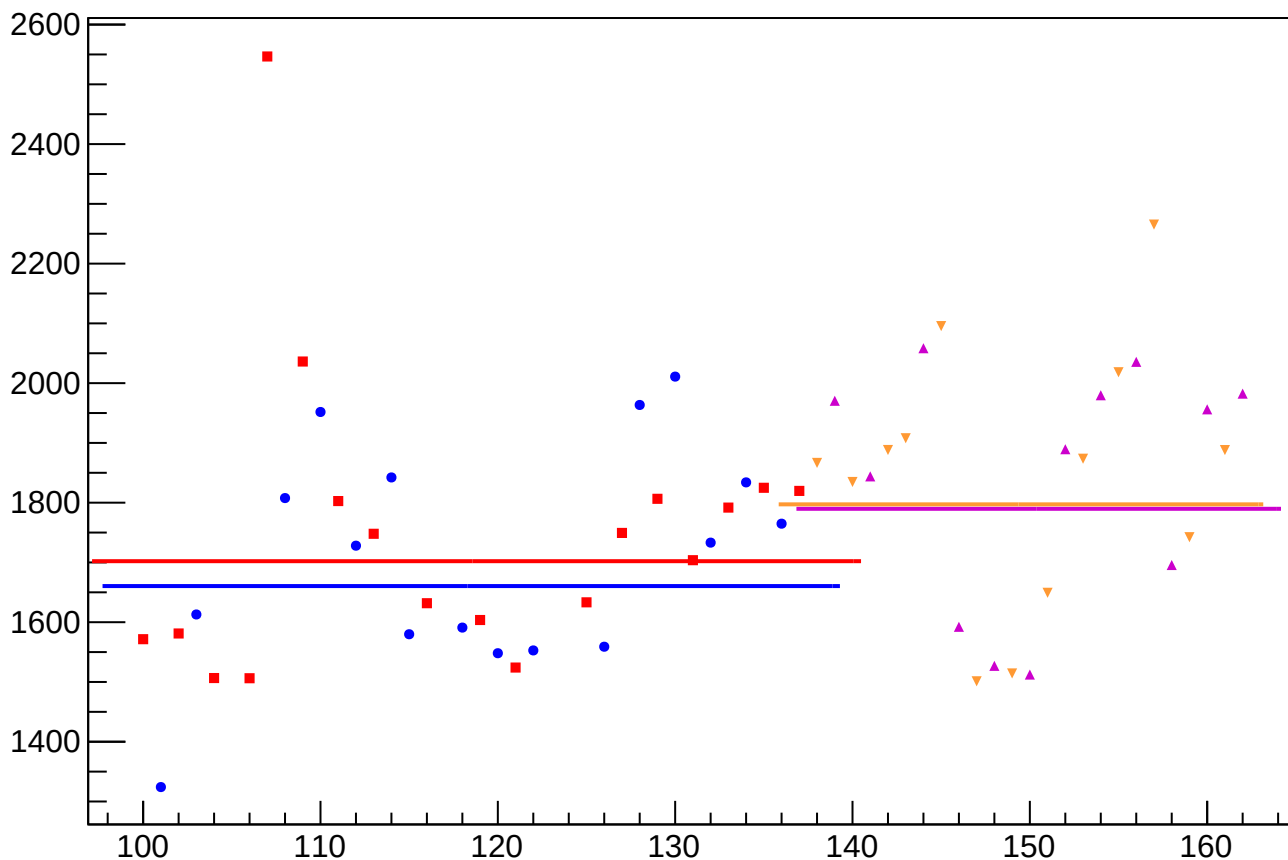
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2190.606 $\pm$ 576.494 χ^2/NDF : 14.2/12
 Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17
 Left In: -1886.857 $\pm$ 575.071 χ^2/NDF : 10.3/11

Left: -2038.356 $\pm$ 407.139 χ^2/NDF : 24.6/24
 Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33
 In: -2459.218 $\pm$ 429.933 χ^2/NDF : 29.3/27
 Out: -2207.167 $\pm$ 430.727 χ^2/NDF : 26.0/30
 All: -2333.425 $\pm$ 304.289 χ^2/NDF : 55.4/58

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1797.198+/-0.408 χ^2/NDF : 263381.6/12

Right Out: 1702.098+/-0.458 χ^2/NDF : 172008.4/17

Left In: 1789.755+/-0.407 χ^2/NDF : 248997.9/11

Left: 1793.467+/-0.288 χ^2/NDF : 512546.6/24

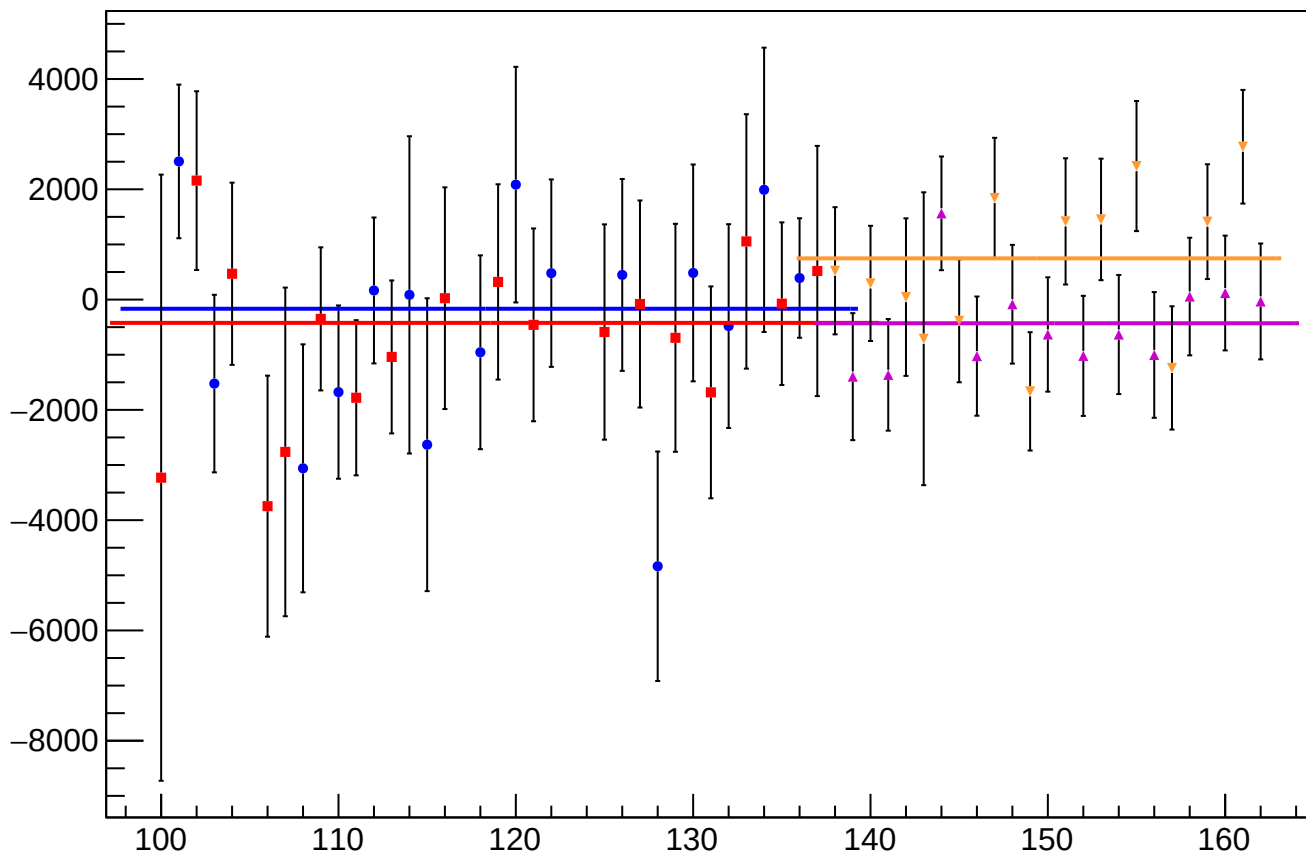
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1732.727+/-0.304 χ^2/NDF : 472794.8/27

Out: 1755.186+/-0.305 χ^2/NDF : 459433.2/30

All: 1743.936+/-0.215 χ^2/NDF : 934951.7/58

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 747.982+/-319.721 χ^2/NDF :18.0/12

Right Out: -422.359+/-427.321 χ^2/NDF : 8.2/17

Left In: -428.958+/-308.635 χ^2/NDF :7.0/11

Left: 138.755+/-222.054 χ^2/NDF : 32.0/24

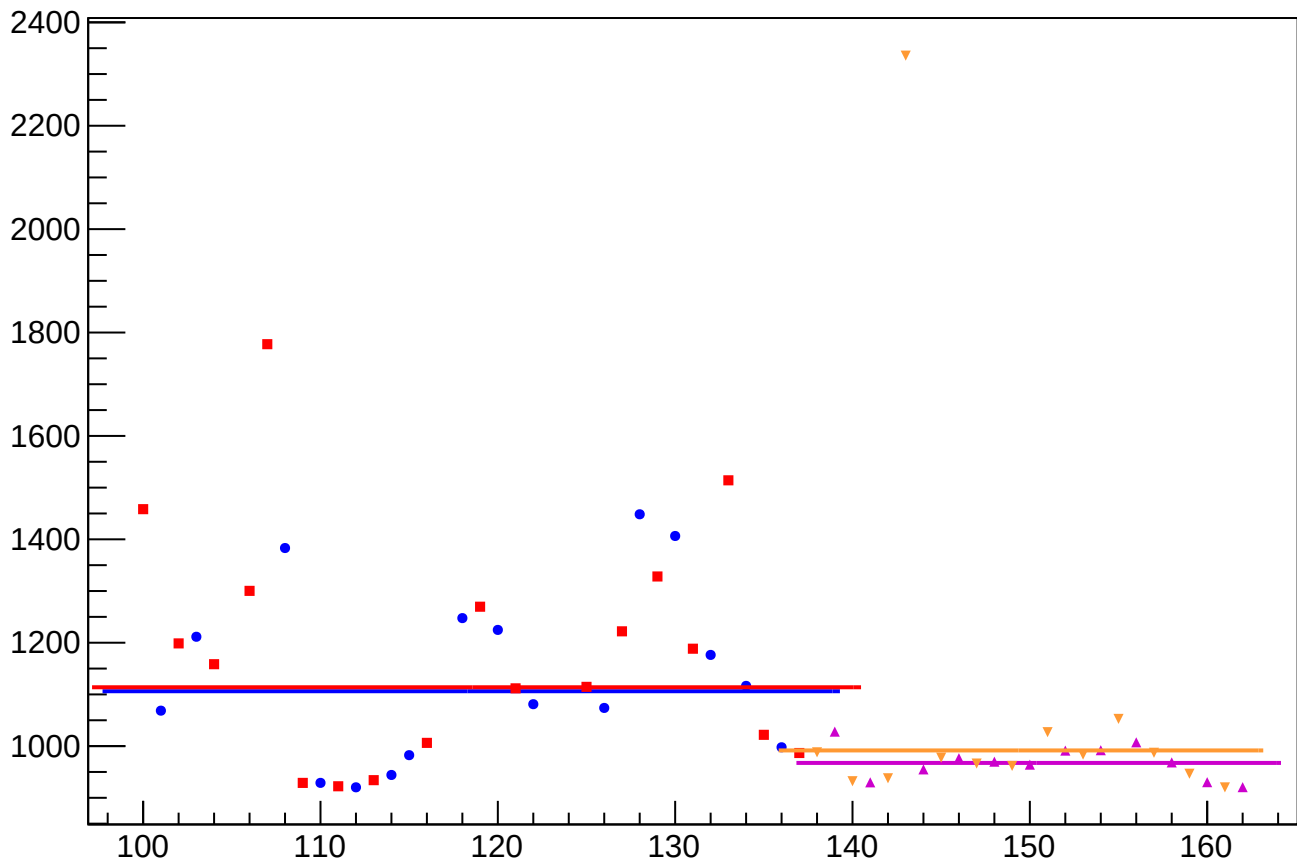
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -340.402+/-251.263 χ^2/NDF :22.8/27

Out: 327.956+/-255.998 χ^2/NDF :31.0/30

All: -12.462+/-179.320 χ^2/NDF : 57.3/58

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 991.643+/-0.226 χ^2/NDF : 545399.4/12

Right Out: 1113.821+/-0.302 χ^2/NDF : 364293.1/17

Left In: 967.480+/-0.218 χ^2/NDF : 19723.2/11

Left: 979.136+/-0.157 χ^2/NDF : 571035.5/24

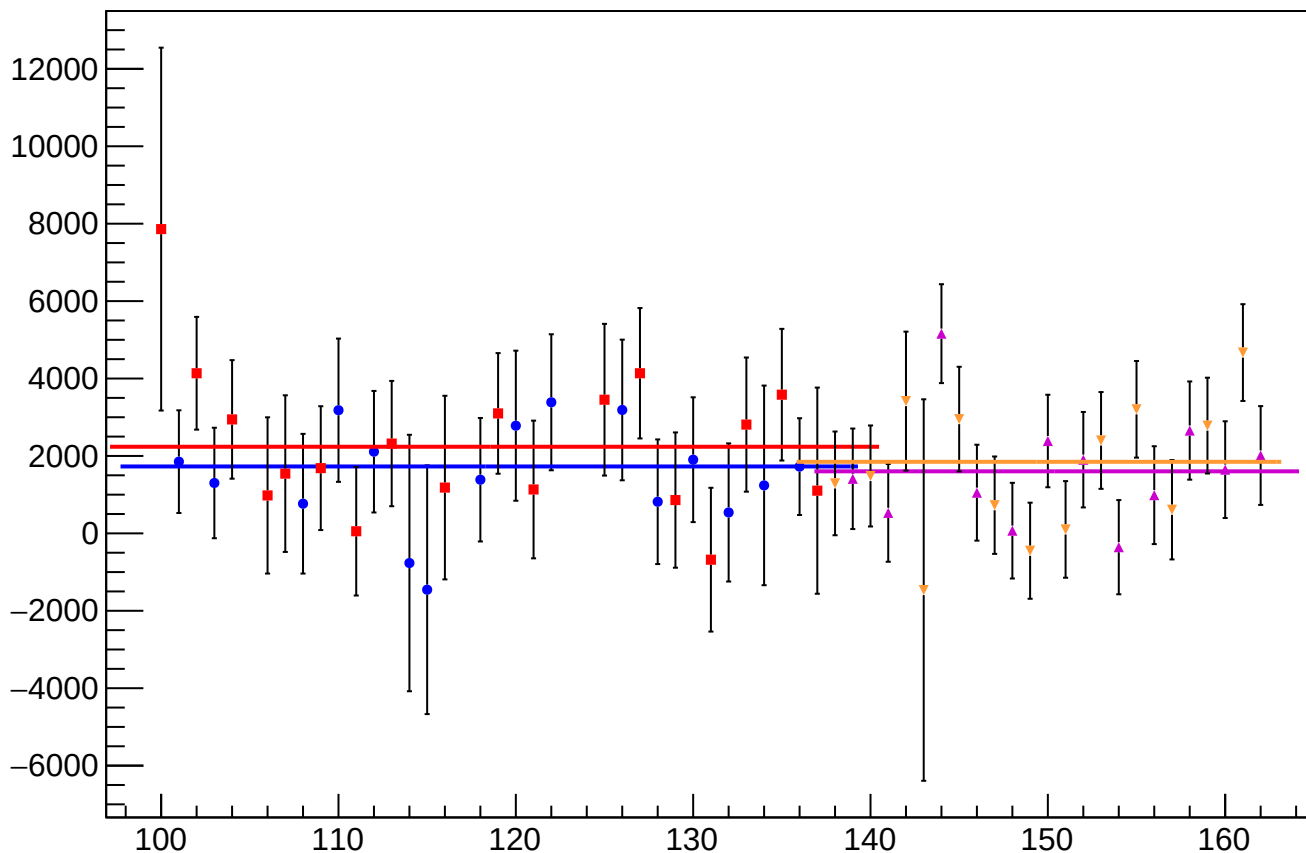
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1014.247+/-0.178 χ^2/NDF : 415810.4/27

Out: 1035.492+/-0.181 χ^2/NDF : 1014511.0/30

All: 1024.671+/-0.127 χ^2/NDF : 1437337.1/58

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1848.447 $\pm$ 374.037 χ^2 /NDF:16.3/12

Right Out: 2237.683 $\pm$ 425.458 χ^2 /NDF: 12.3/17

Left In: 1602.684 $\pm$ 360.976 χ^2 /NDF:14.3/11

Left: 1721.200 $\pm$ 259.743 χ^2 /NDF: 30.9/24

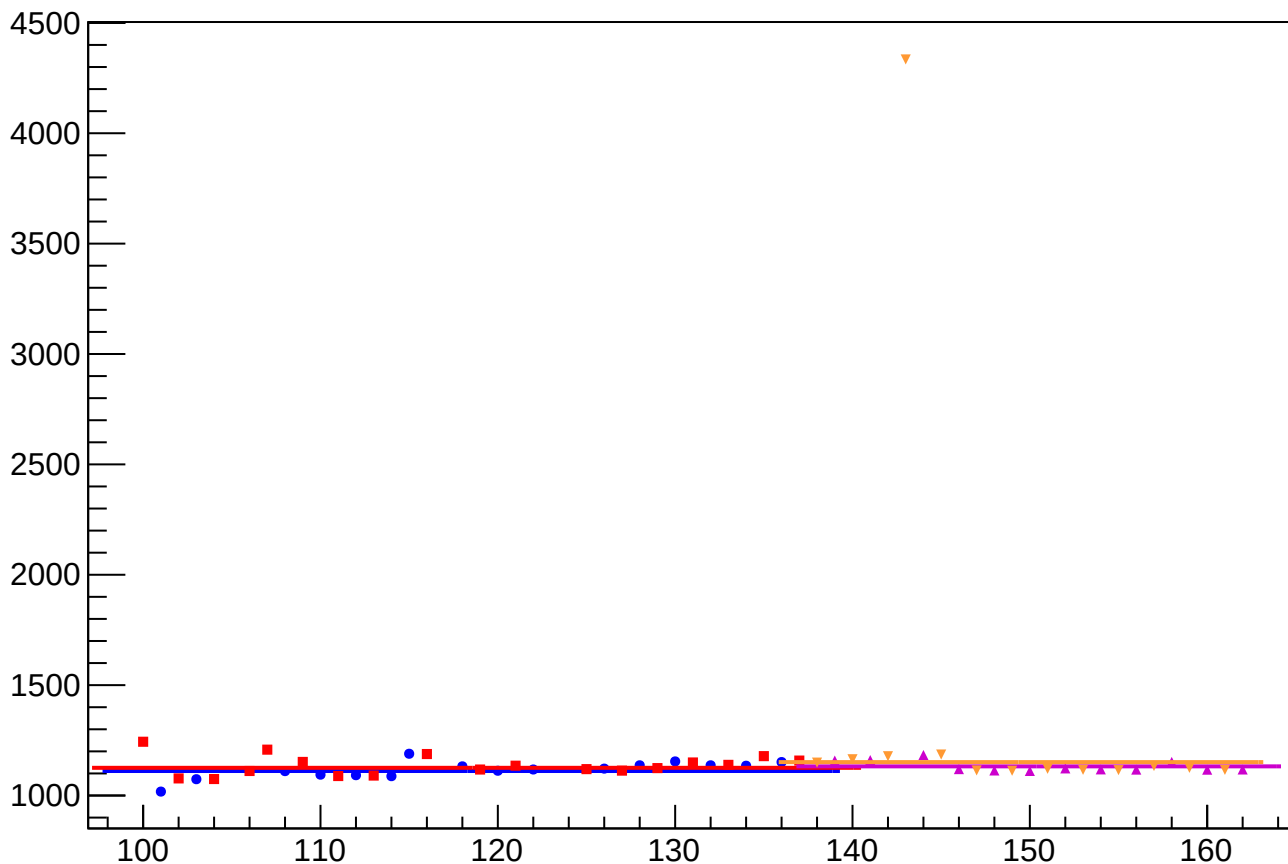
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1654.709 $\pm$ 276.420 χ^2 /NDF:19.7/27

Out: 2018.134 $\pm$ 280.914 χ^2 /NDF:29.0/30

All: 1833.491 $\pm$ 197.028 χ^2 /NDF: 49.6/58

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 $\pm$ 0.304 χ^2 /NDF: 18091.1/15

Left Out: 1151.338 $\pm$ 0.264 χ^2 /NDF: 847439.8/12

Right Out: 1125.496 $\pm$ 0.301 χ^2 /NDF: 15880.9/17

Left In: 1132.099 $\pm$ 0.255 χ^2 /NDF: 8003.1/11

Left: 1141.376 $\pm$ 0.184 χ^2 /NDF: 858182.5/24

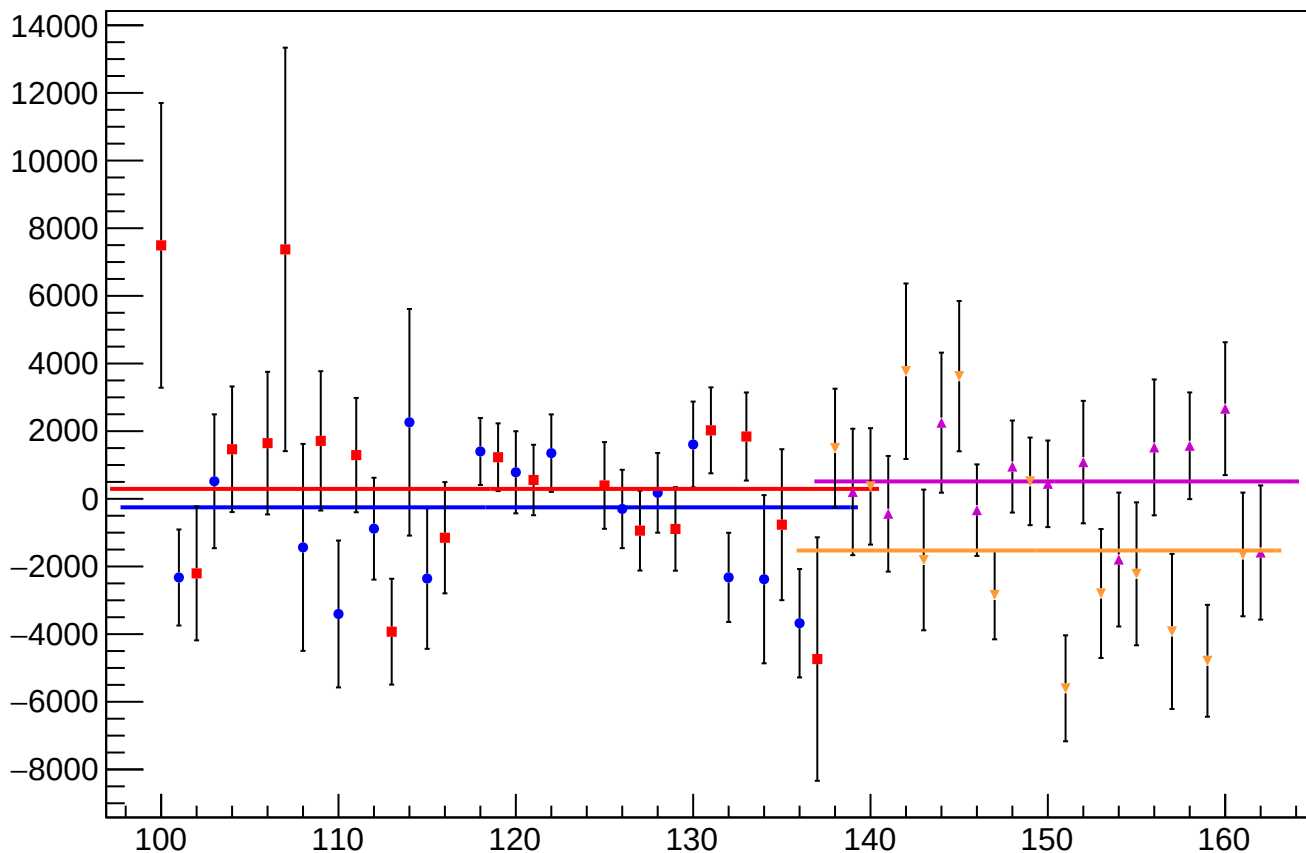
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1123.389 $\pm$ 0.195 χ^2 /NDF: 28908.8/27

Out: 1140.072 $\pm$ 0.199 χ^2 /NDF: 867482.6/30

All: 1131.596 $\pm$ 0.139 χ^2 /NDF: 899975.0/58

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2/NDF : 21.8/15

Left Out: -1527.665 $\pm$ 488.801 χ^2/NDF : 29.6/12

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

Left In: 514.588 $\pm$ 483.257 χ^2/NDF : 6.0/11

Left: -494.893 $\pm$ 343.658 χ^2/NDF : 44.4/24

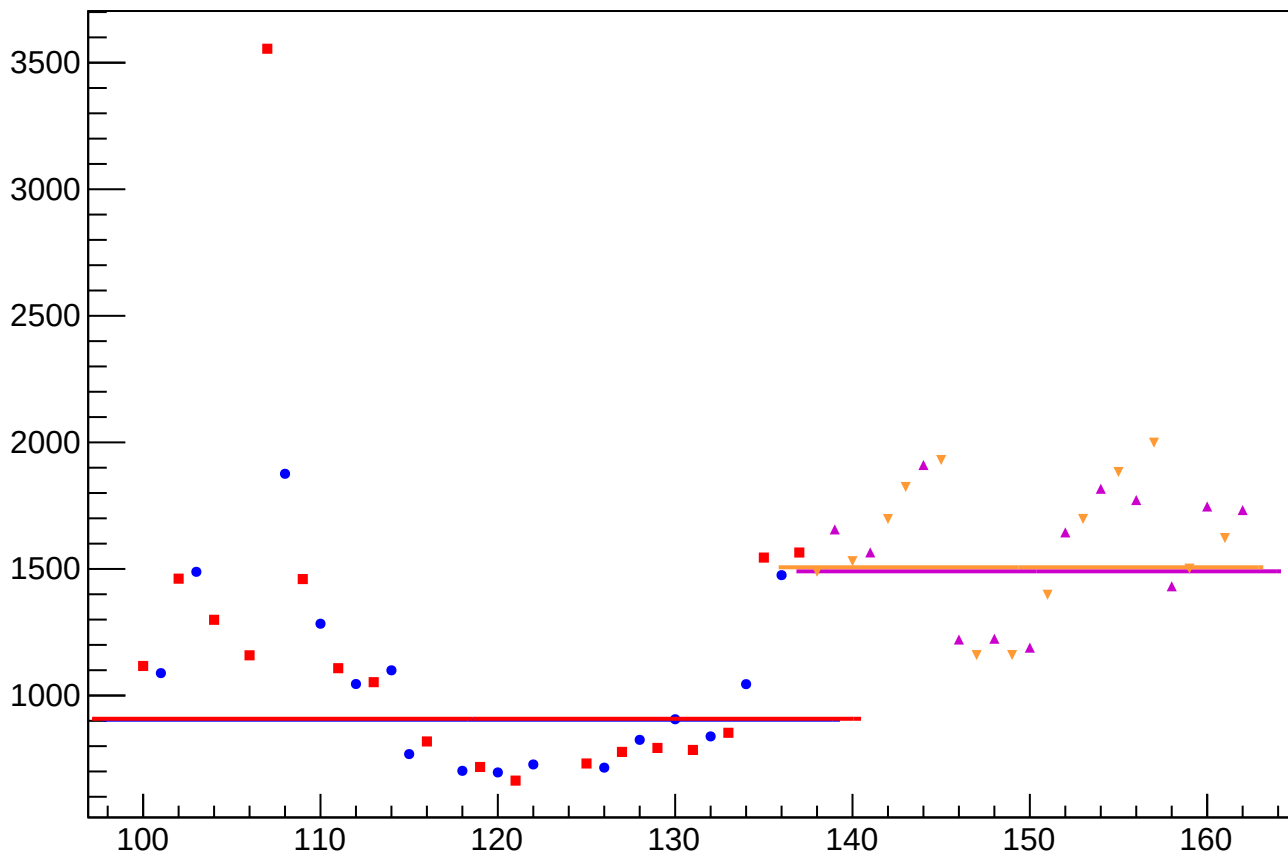
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 26.841 $\pm$ 291.234 χ^2/NDF : 29.4/27

Out: -352.585 $\pm$ 291.163 χ^2/NDF : 62.5/30

All: -162.918 $\pm$ 205.908 χ^2/NDF : 92.8/58

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1506.636+/-0.346 χ^2/NDF : 607446.5/12

Right Out: 908.153+/-0.256 χ^2/NDF : 1381025.2/17

Left In: 1490.685+/-0.342 χ^2/NDF : 543338.4/11

Left: 1498.570+/-0.243 χ^2/NDF : 1151862.0/24

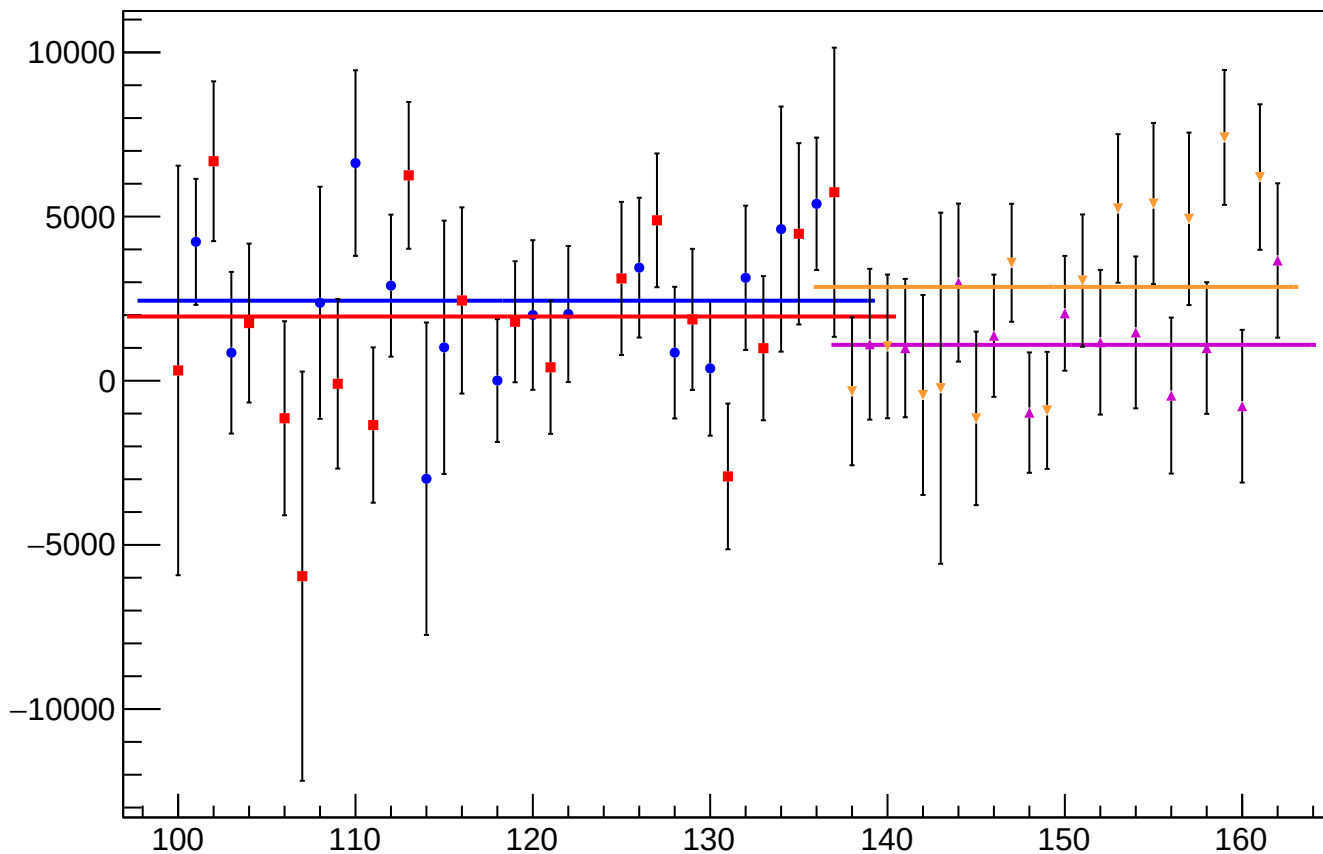
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1117.385+/-0.206 χ^2/NDF : 3438453.4/27

Out: 1120.507+/-0.206 χ^2/NDF : 3922892.0/30

All: 1118.947+/-0.146 χ^2/NDF : 7361460.4/58

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 2857.018+/-631.243 χ^2/NDF : 21.1/12

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 1092.065+/-610.159 χ^2/NDF : 4.5/11

Left: 1944.575+/-438.712 χ^2/NDF : 29.7/24

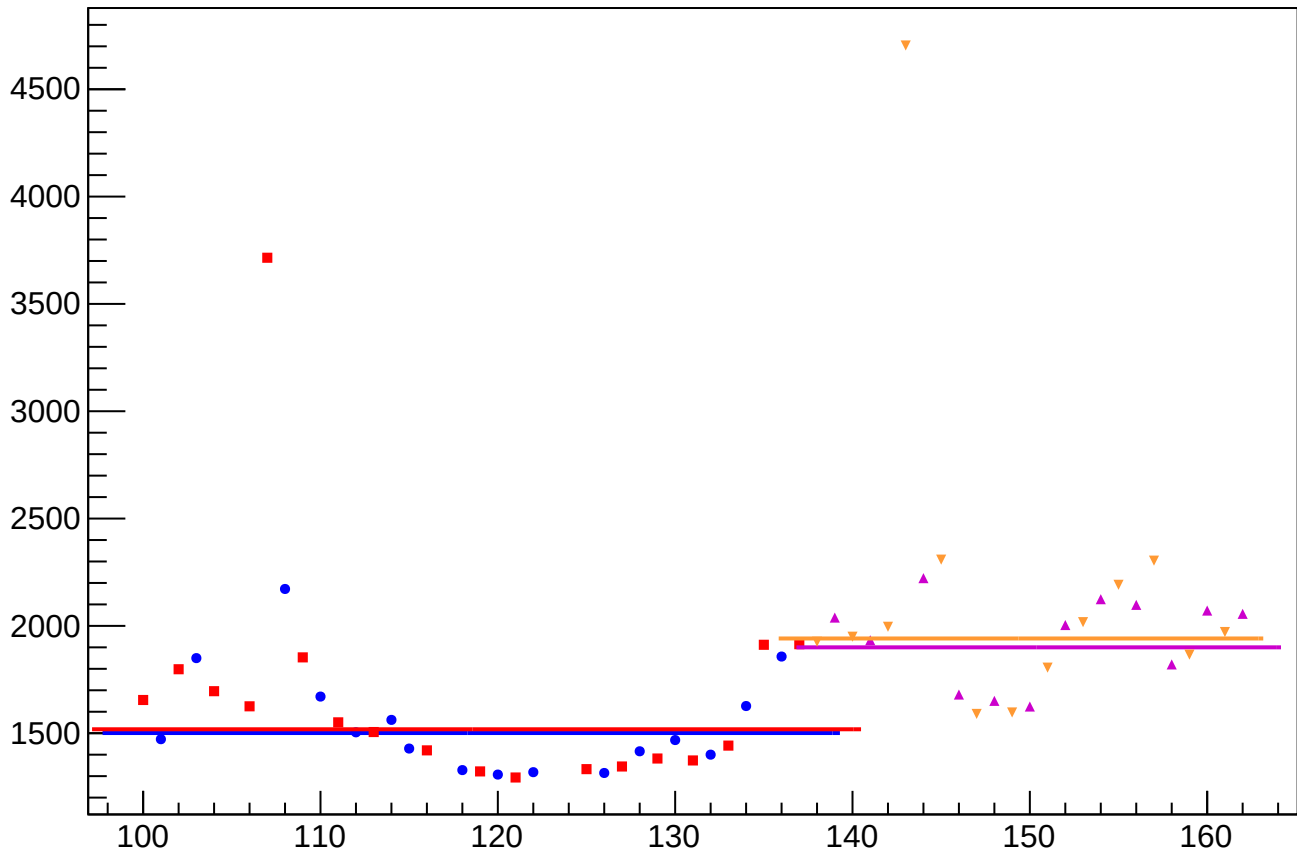
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1791.686+/-422.734 χ^2/NDF : 18.2/27

Out: 2371.551+/-428.714 χ^2/NDF : 44.6/30

All: 2077.546+/-301.010 χ^2/NDF : 63.7/58

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1941.316+/-0.446 χ^2/NDF : 797692.2/12

Right Out: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

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

Left: 1919.969+/-0.310 χ^2/NDF : 1020425.1/24

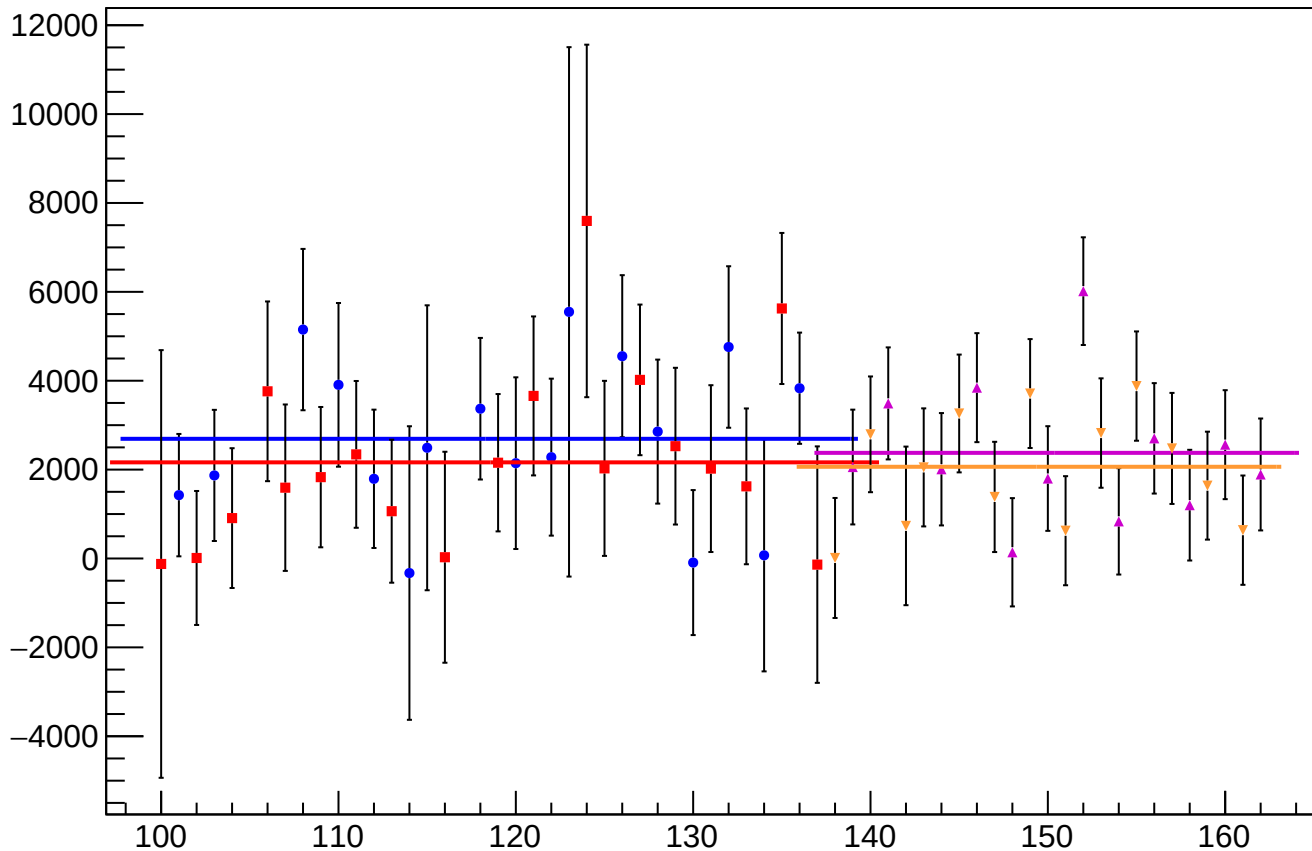
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1692.446+/-0.299 χ^2/NDF : 919690.3/27

Out: 1713.433+/-0.303 χ^2/NDF : 1757517.5/30

All: 1702.792+/-0.213 χ^2/NDF : 2679637.9/58

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 ± 432.616 $\chi^2/\text{NDF}: 12.2/16$

Left Out: 2063.618 ± 356.479 $\chi^2/\text{NDF}: 11.6/12$

Right Out: 2163.105 ± 423.797 $\chi^2/\text{NDF}: 13.8/18$

Left In: 2376.974 ± 356.189 $\chi^2/\text{NDF}: 17.8/11$

Left: 2220.423 ± 251.966 $\chi^2/\text{NDF}: 29.8/24$

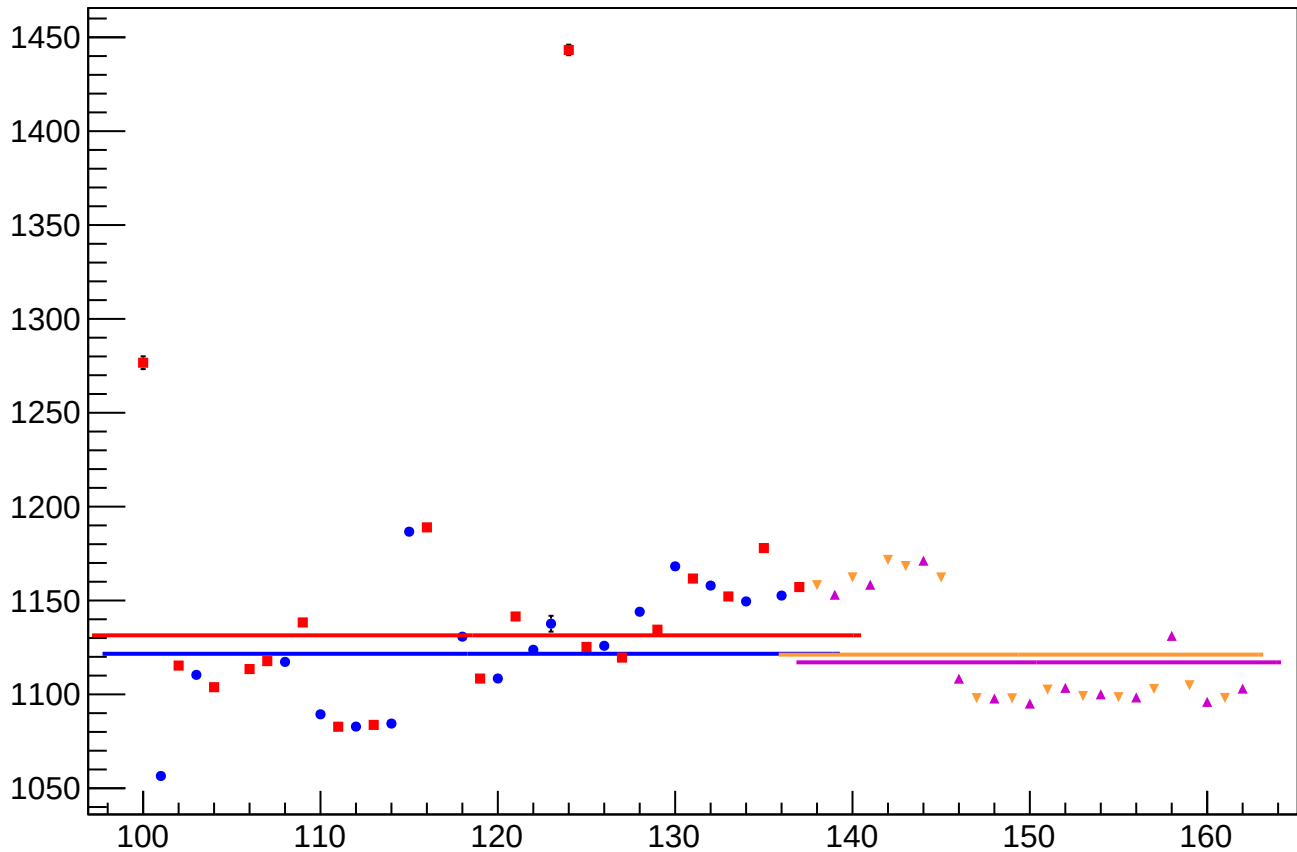
Right: 2422.596 ± 302.740 $\chi^2/\text{NDF}: 26.8/35$

In: 2504.651 ± 274.979 $\chi^2/\text{NDF}: 30.3/28$

Out: 2104.841 ± 272.802 $\chi^2/\text{NDF}: 25.4/31$

All: 2303.158 ± 193.665 $\chi^2/\text{NDF}: 56.8/60$

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1121.175 ± 0.252 $\chi^2/\text{NDF}: 14239.8/12$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1117.061 ± 0.252 $\chi^2/\text{NDF}: 10875.6/11$

Left: 1119.116 ± 0.178 $\chi^2/\text{NDF}: 25248.7/24$

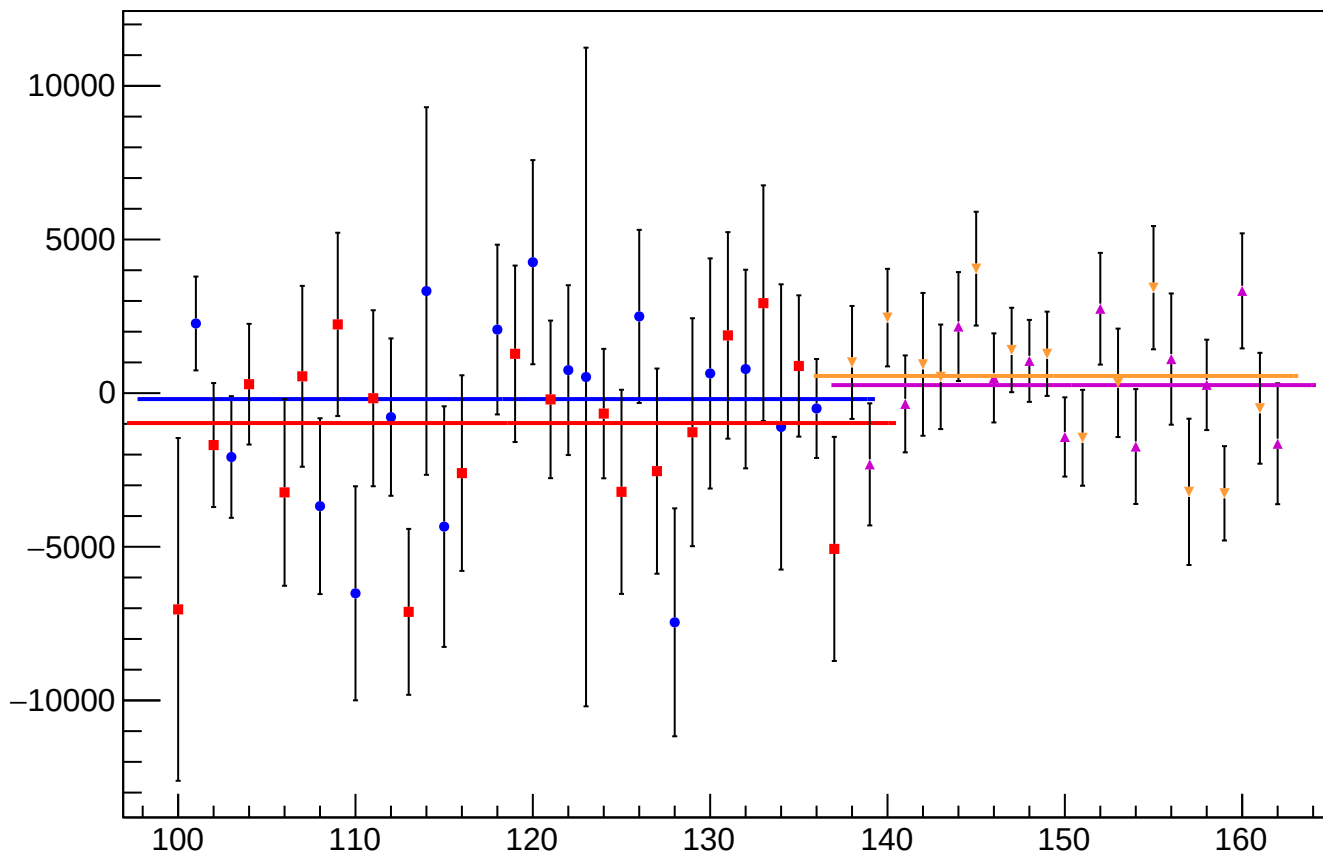
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1118.905 ± 0.194 $\chi^2/\text{NDF}: 22988.6/28$

Out: 1125.433 ± 0.193 $\chi^2/\text{NDF}: 38040.2/31$

All: 1122.195 ± 0.137 $\chi^2/\text{NDF}: 61596.8/60$

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 559.536+/-473.271 χ^2/NDF : 18.5/12

Right Out: -973.263+/-645.048 χ^2/NDF : 14.3/18

Left In: 261.179+/-475.341 χ^2/NDF : 11.9/11

Left: 411.009+/-335.383 χ^2/NDF : 30.6/24

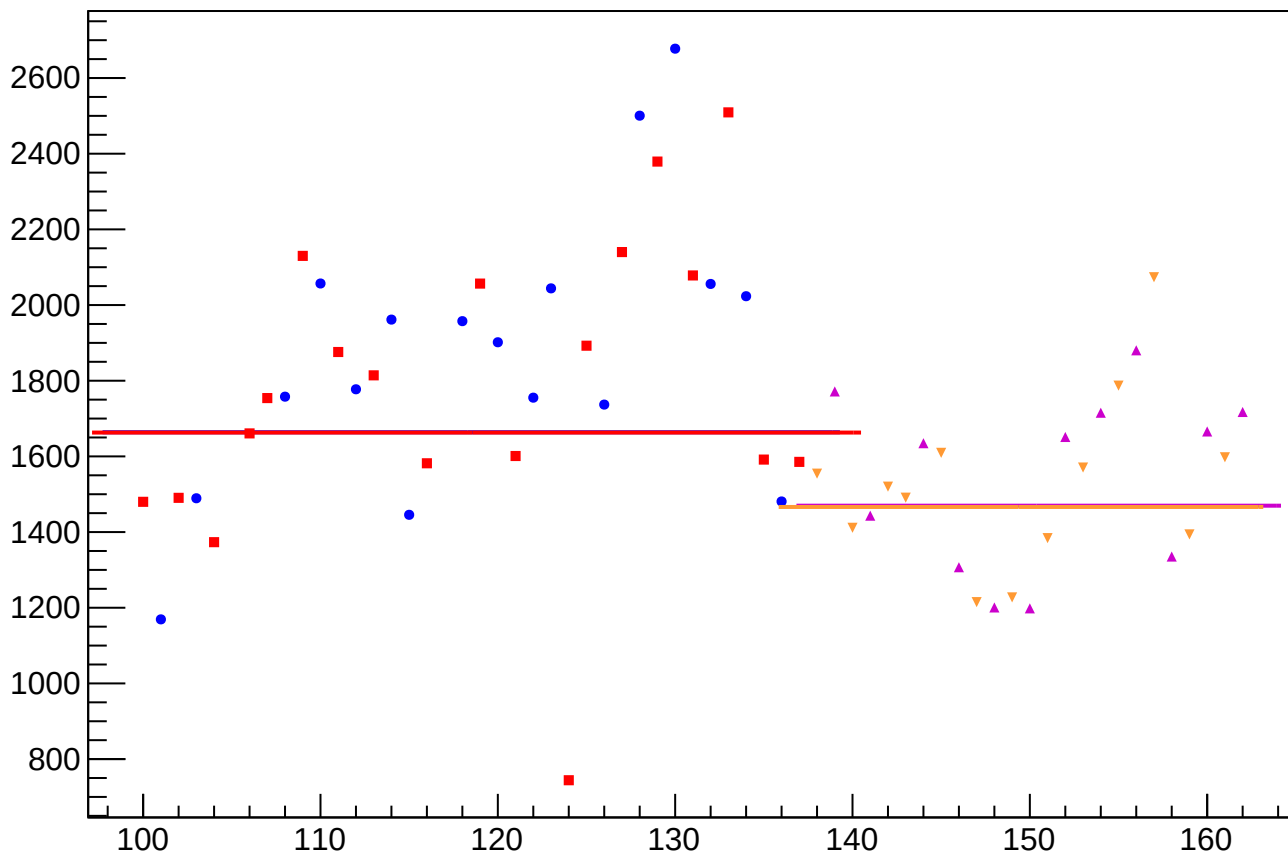
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 106.054+/-385.788 χ^2/NDF : 29.5/28

Out: 23.151+/-381.582 χ^2/NDF : 36.5/31

All: 64.148+/-271.294 χ^2/NDF : 66.0/60

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1466.364 $\pm$ 0.335 χ^2 /NDF: 357022.3/12

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

Left In: 1469.731 $\pm$ 0.336 χ^2 /NDF: 457876.0/11

Left: 1468.040 $\pm$ 0.237 χ^2 /NDF: 814948.7/24

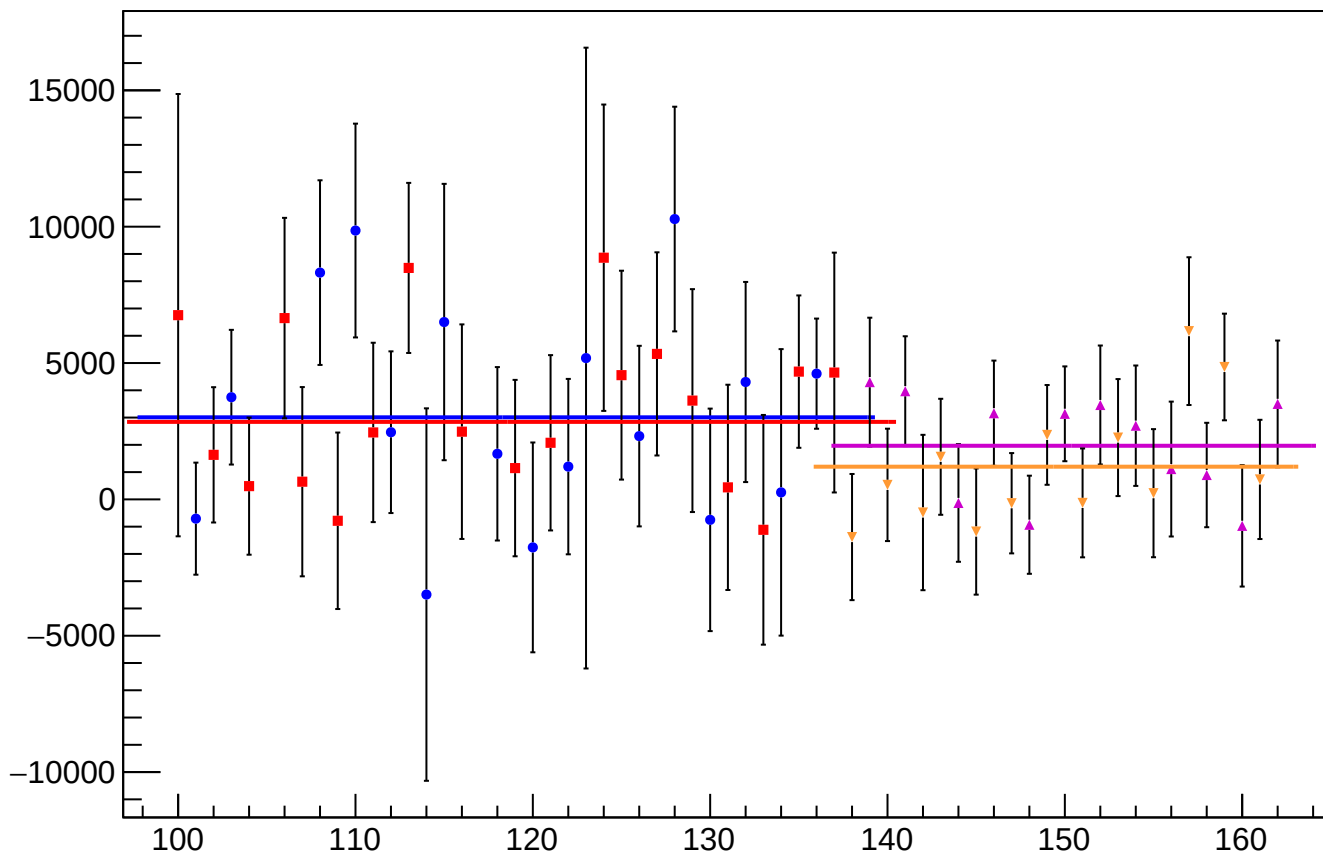
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1535.960 $\pm$ 0.273 χ^2 /NDF: 1194110.1/28

Out: 1535.169 $\pm$ 0.270 χ^2 /NDF: 1282795.9/31

All: 1535.560 $\pm$ 0.192 χ^2 /NDF: 2476910.2/60

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1198.768+/-597.137 χ^2/NDF : 11.5/12

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 1966.105+/-598.957 χ^2/NDF : 9.5/11

Left: 1581.269+/-422.881 χ^2/NDF : 21.8/24

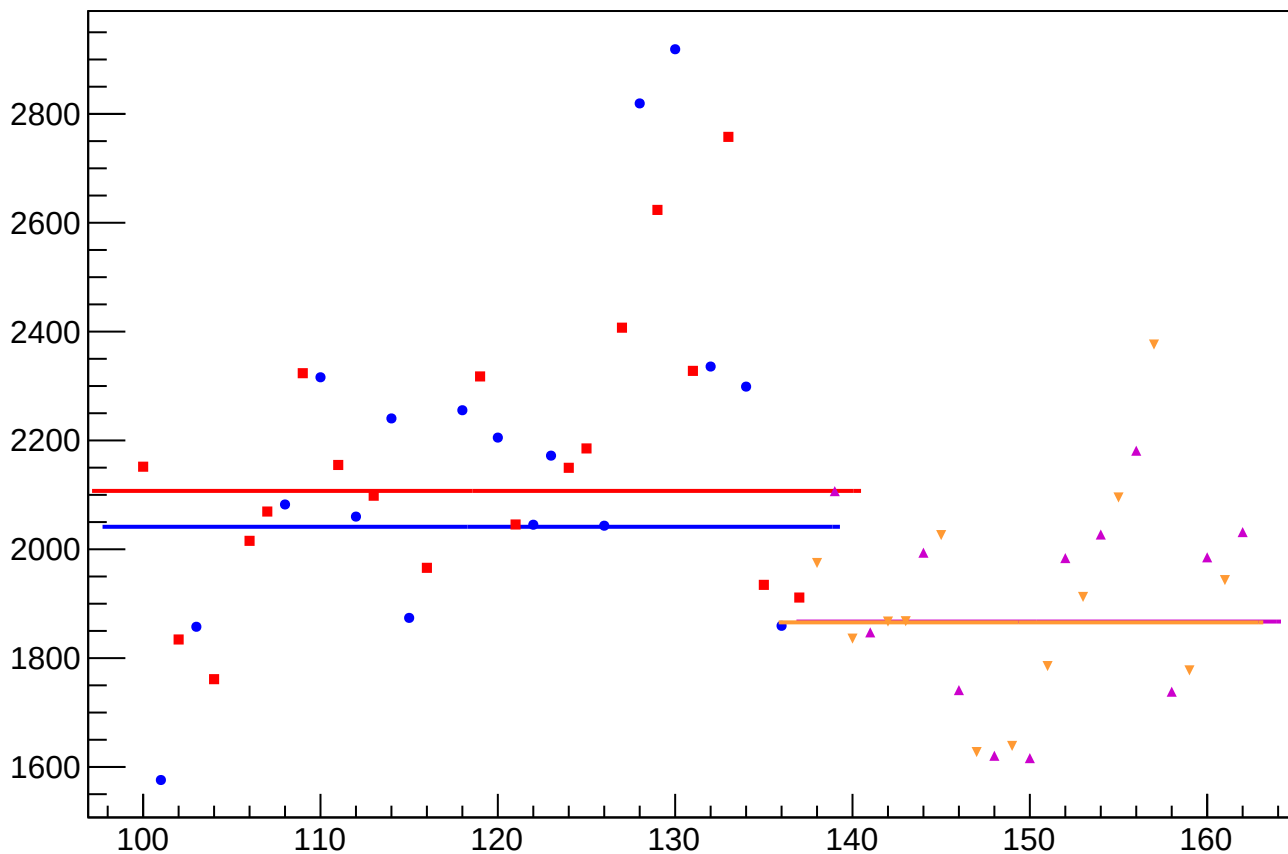
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2340.991+/-479.389 χ^2/NDF : 28.0/28

Out: 1790.765+/-477.612 χ^2/NDF : 25.7/31

All: 2064.856+/-338.349 χ^2/NDF : 54.3/60

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1865.709+/-0.422 χ^2/NDF : 179780.7/12

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

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

Left: 1866.450+/-0.299 χ^2/NDF : 368341.4/24

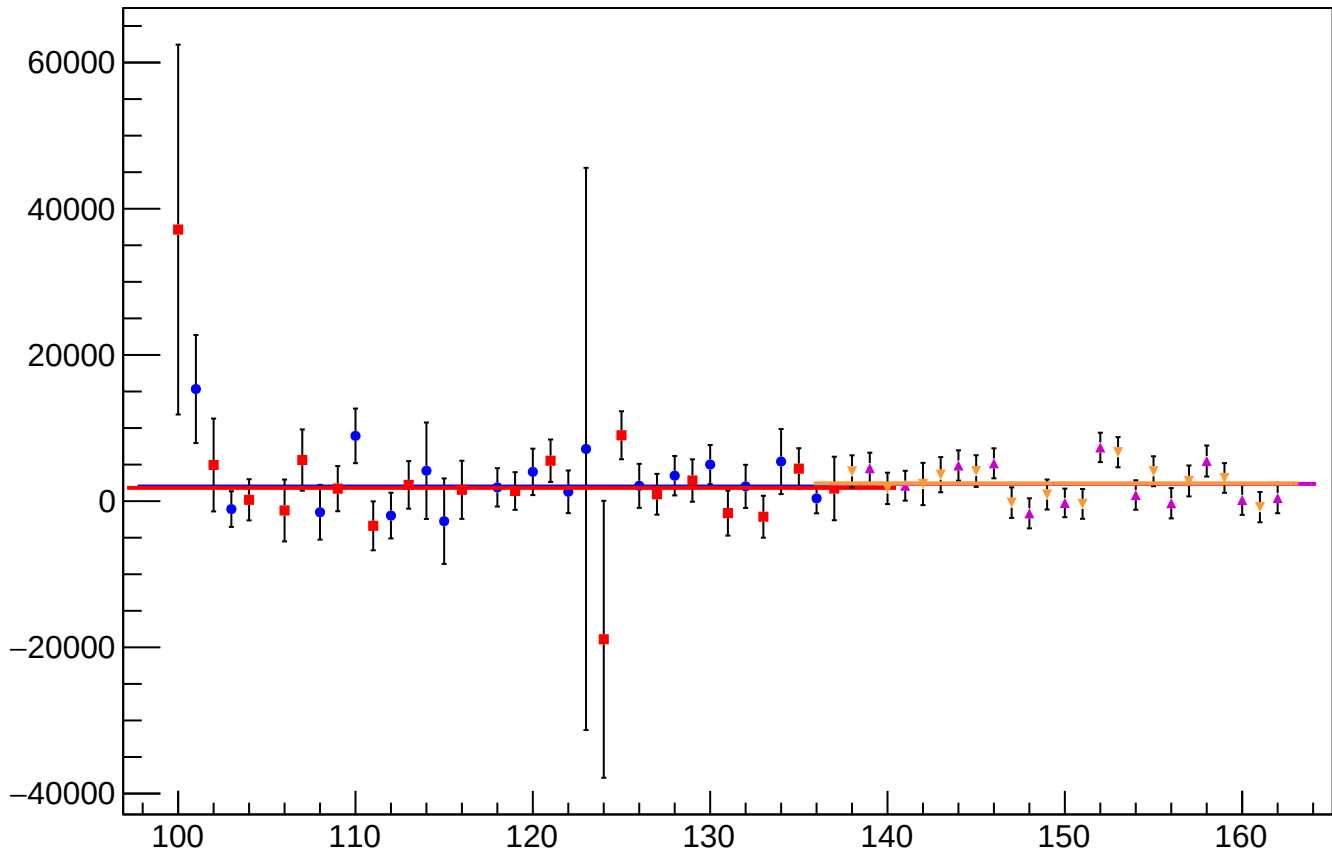
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1929.786+/-0.339 χ^2/NDF : 587760.5/28

Out: 1952.737+/-0.338 χ^2/NDF : 494480.0/31

All: 1941.304+/-0.239 χ^2/NDF : 1084540.9/60

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2432.632+/-596.466 χ^2/NDF : 13.1/12

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2362.905+/-592.297 χ^2/NDF : 22.6/11

Left: 2397.524+/-420.283 χ^2/NDF : 35.7/24

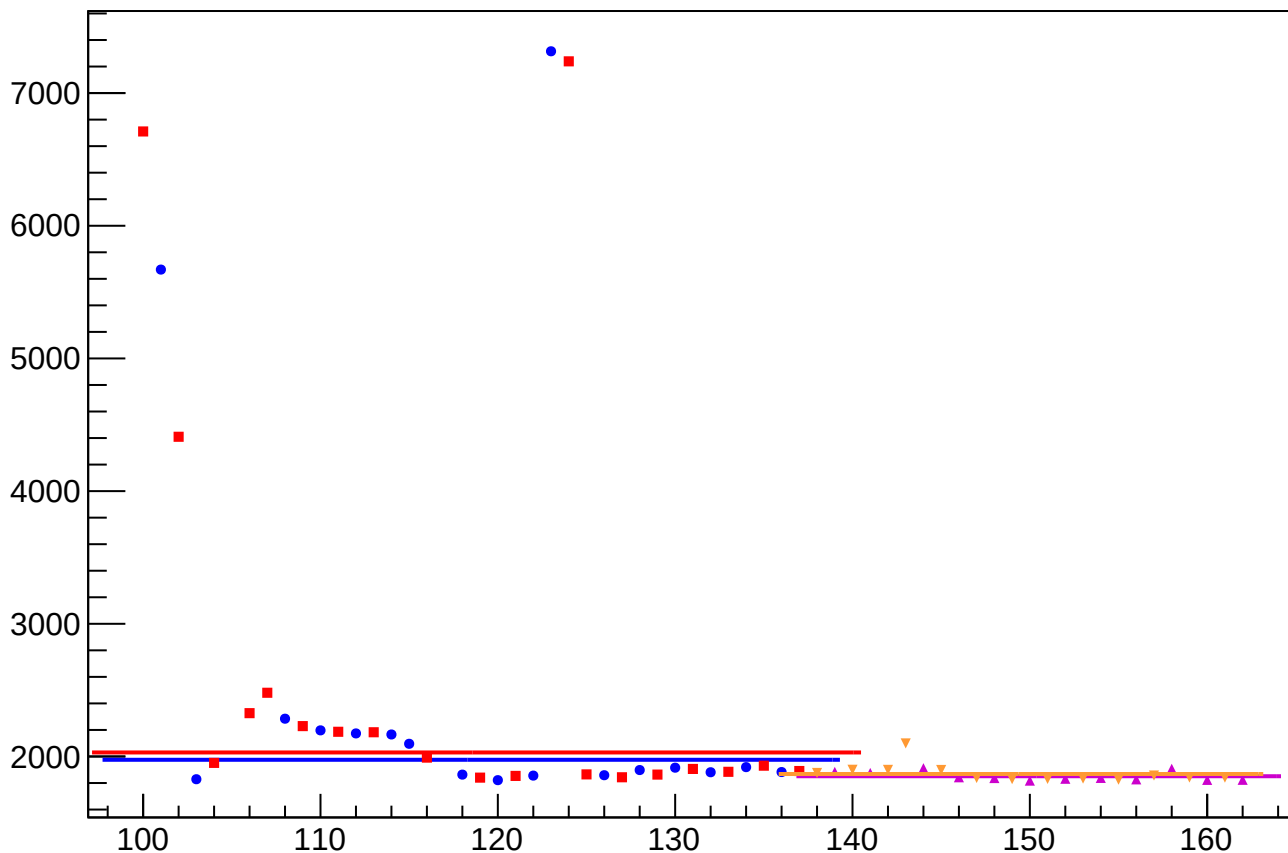
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2230.490+/-472.067 χ^2/NDF : 37.5/28

Out: 2205.482+/-474.136 χ^2/NDF : 31.7/31

All: 2218.041+/-334.531 χ^2/NDF : 69.2/60

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1867.908+/-0.422 χ^2/NDF : 23488.8/12

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

Left In: 1851.162+/-0.419 χ^2/NDF : 5784.0/11

Left: 1859.476+/-0.297 χ^2/NDF : 30066.5/24

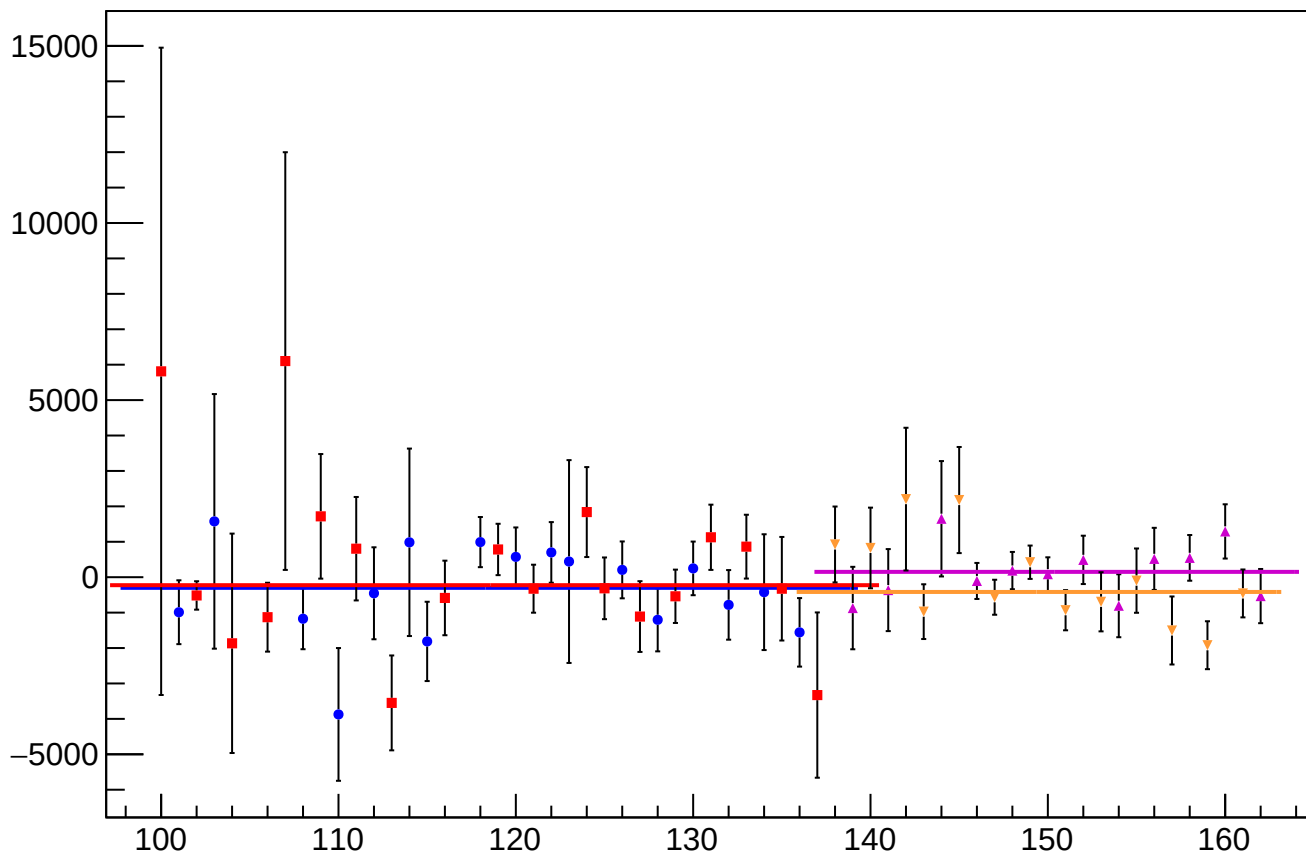
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1896.375+/-0.334 χ^2/NDF : 637564.1/28

Out: 1927.703+/-0.335 χ^2/NDF : 682014.0/31

All: 1911.970+/-0.237 χ^2/NDF : 1323963.2/60

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -416.484 ± 204.846 χ^2/NDF : 18.5/12

Right Out: -225.432 ± 215.564 χ^2/NDF : 22.2/18

Left In: 150.531 ± 202.992 χ^2/NDF : 7.1/11

Left: -130.400 ± 144.188 χ^2/NDF : 29.5/24

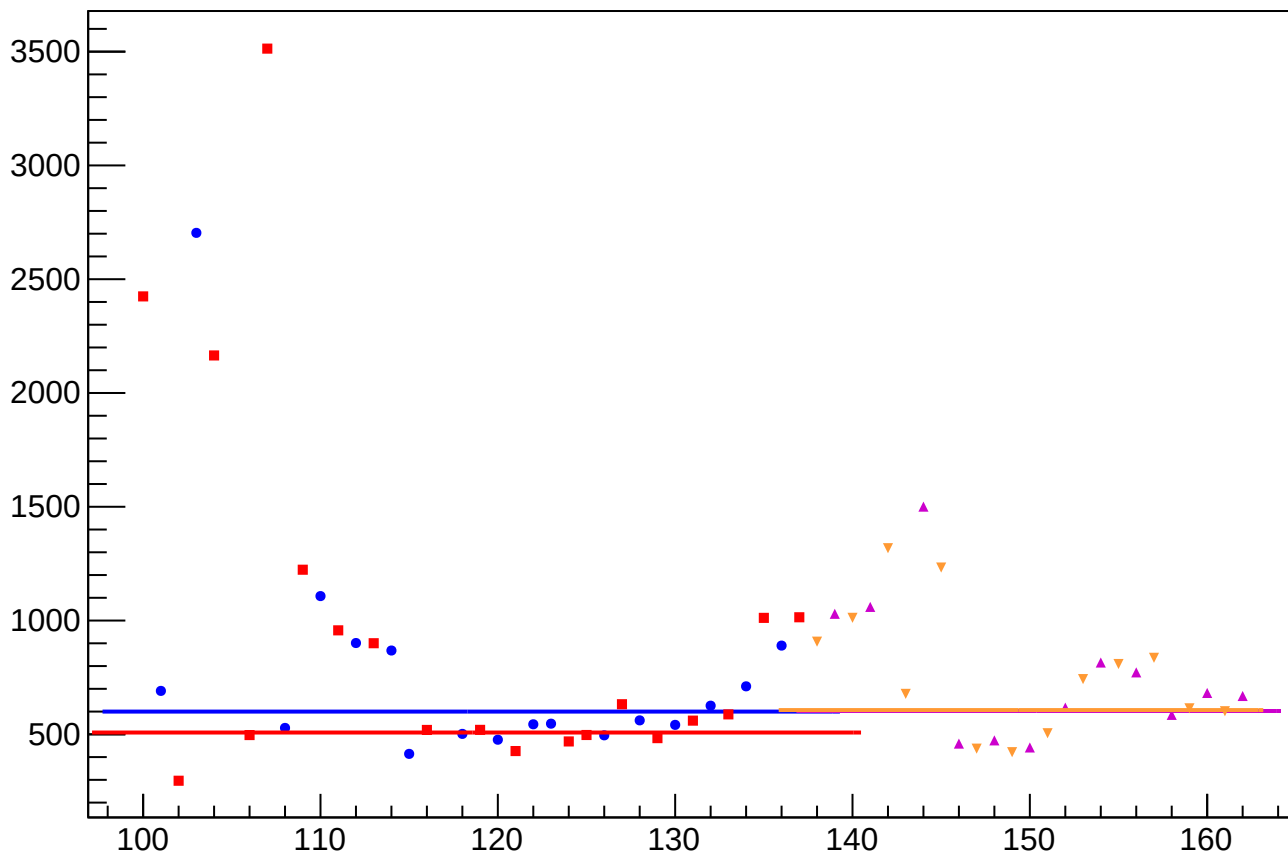
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -31.426 ± 156.728 χ^2/NDF : 26.4/28

Out: -325.826 ± 148.492 χ^2/NDF : 41.1/31

All: -186.563 ± 107.794 χ^2/NDF : 69.4/60

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 606.574 $\pm$ 0.145 χ^2 /NDF: 1903522.3/12

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 602.524 $\pm$ 0.144 χ^2 /NDF: 1923354.9/11

Left: 604.531 $\pm$ 0.102 χ^2 /NDF: 3827271.7/24

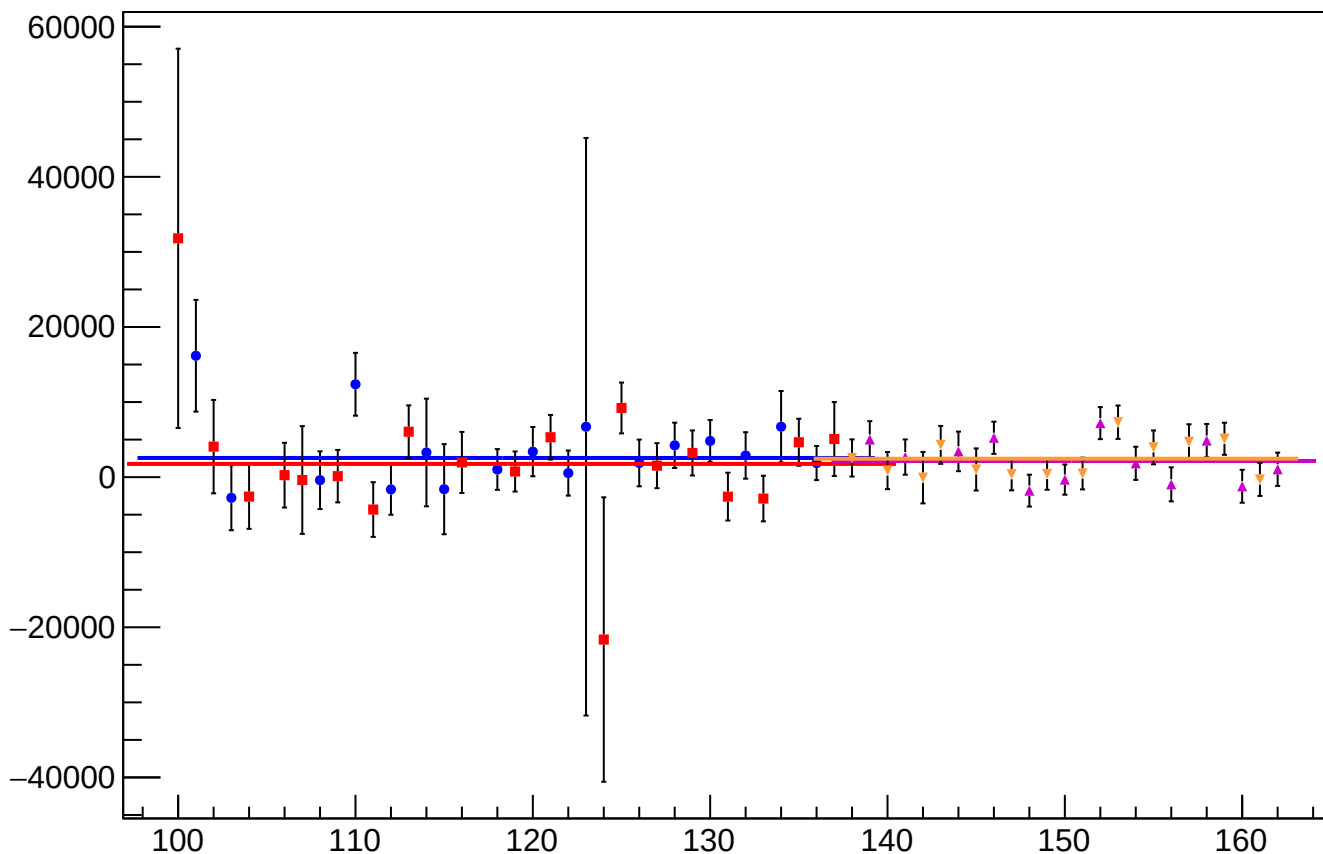
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 601.486 $\pm$ 0.111 χ^2 /NDF: 3304533.9/28

Out: 559.772 $\pm$ 0.105 χ^2 /NDF: 4972428.5/31

All: 579.504 $\pm$ 0.076 χ^2 /NDF: 8351622.7/60

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2454.274 $\pm$ 649.169 χ^2 /NDF:13.8/12

Right Out: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

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

Left: 2303.179 $\pm$ 457.066 χ^2 /NDF: 34.2/24

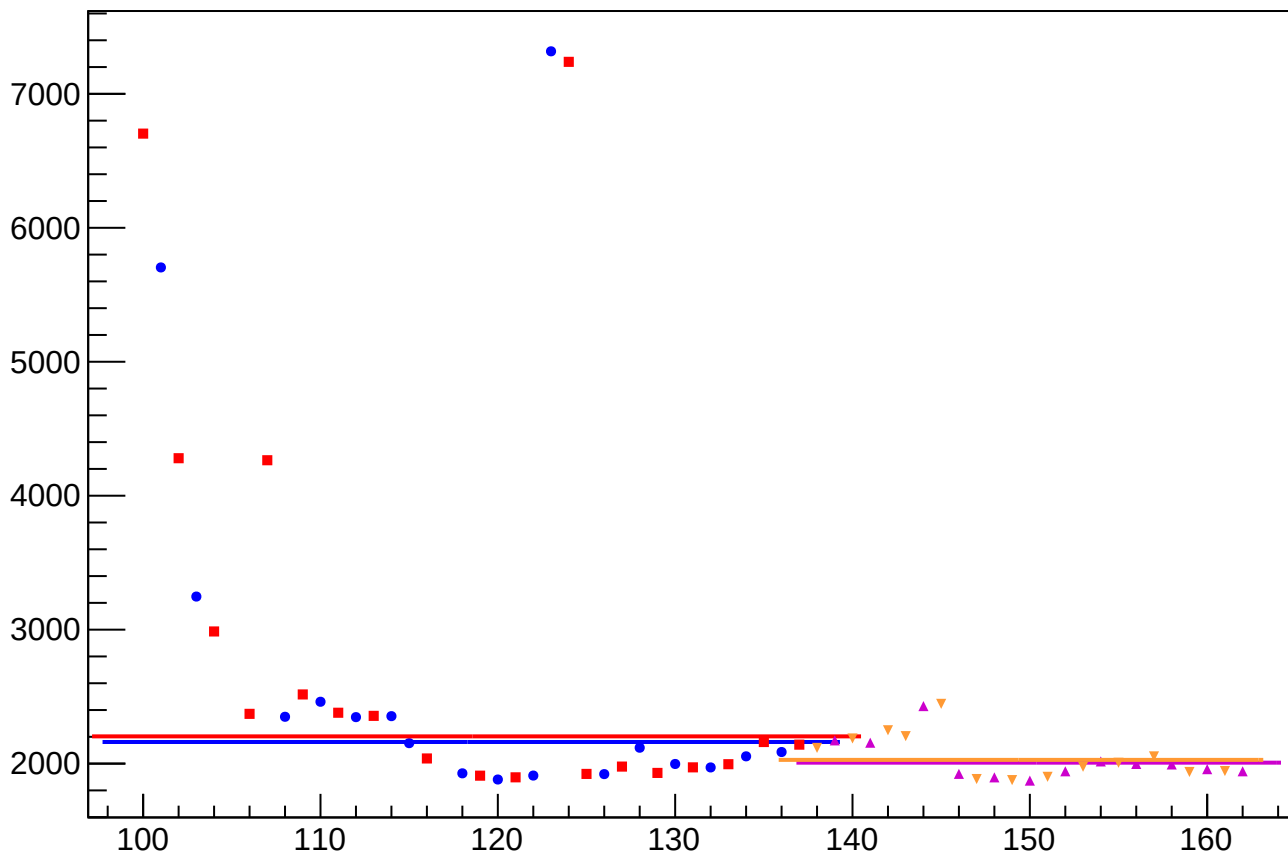
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2298.115 $\pm$ 515.069 χ^2 /NDF:36.2/28

Out: 2200.820 $\pm$ 516.955 χ^2 /NDF:35.1/31

All: 2249.646 $\pm$ 364.874 χ^2 /NDF: 71.3/60

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 $\pm$ 0.607 χ^2 /NDF: 711253.3/16

Left Out: 2027.851 $\pm$ 0.459 χ^2 /NDF:107928.0/12

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

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

Left: 2017.383 $\pm$ 0.323 χ^2 /NDF: 199478.5/24

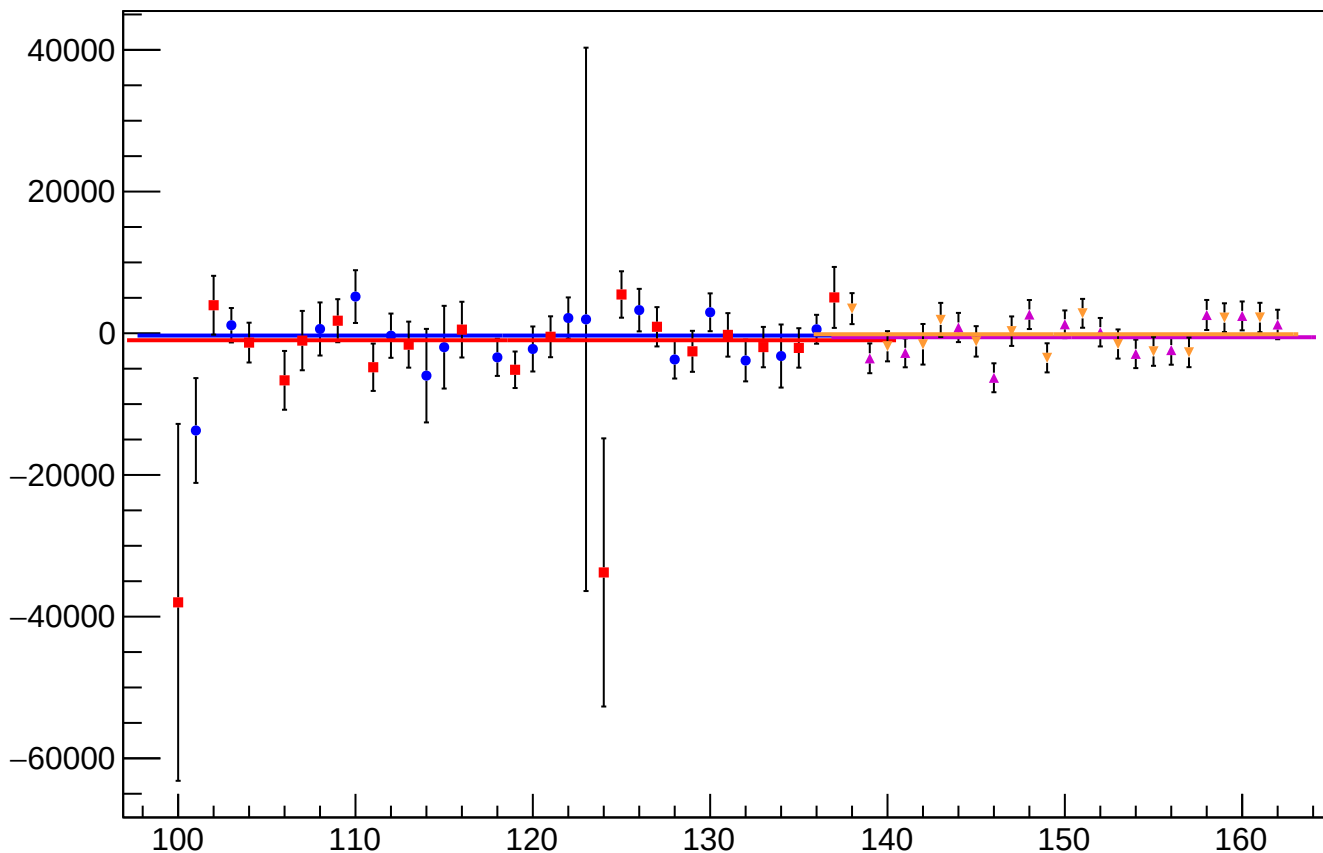
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2062.591 $\pm$ 0.364 χ^2 /NDF:843120.8/28

Out: 2092.056 $\pm$ 0.366 χ^2 /NDF:958794.0/31

All: 2077.269 $\pm$ 0.258 χ^2 /NDF: 1805175.4/60

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -137.817+/-594.403 χ^2/NDF :15.3/12

Right Out: -985.900+/-769.924 χ^2/NDF : 20.4/18

Left In: -561.009+/-590.792 χ^2/NDF :22.2/11

Left: -350.702+/-419.024 χ^2/NDF : 37.7/24

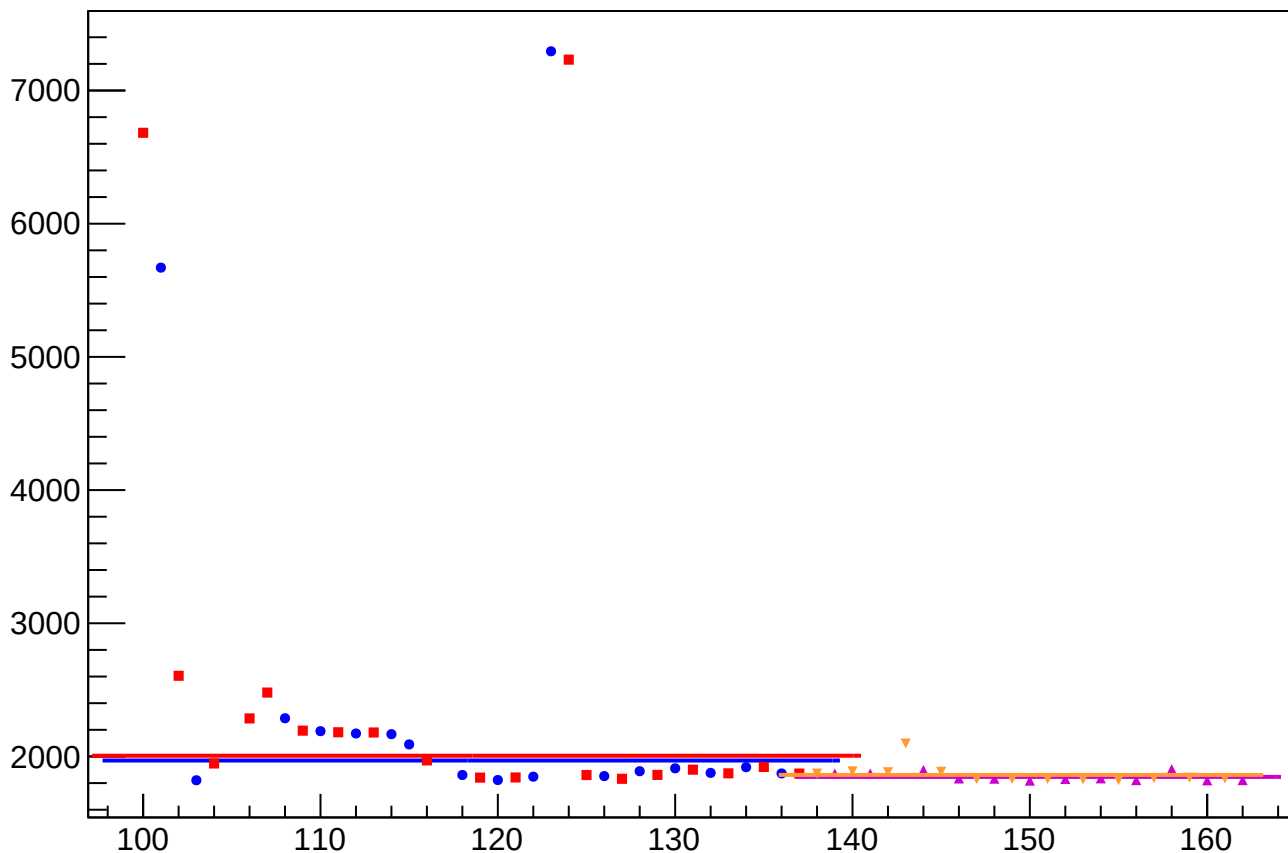
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

In: -474.442+/-470.842 χ^2/NDF :38.0/28

Out: -454.529+/-470.501 χ^2/NDF :36.4/31

All: -464.478+/-332.815 χ^2/NDF : 74.4/60

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1861.521+/-0.420 χ^2/NDF : 23288.9/12

Right Out: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

Left In: 1846.528+/-0.418 χ^2/NDF : 5038.3/11

Left: 1853.978+/-0.296 χ^2/NDF : 28967.3/24

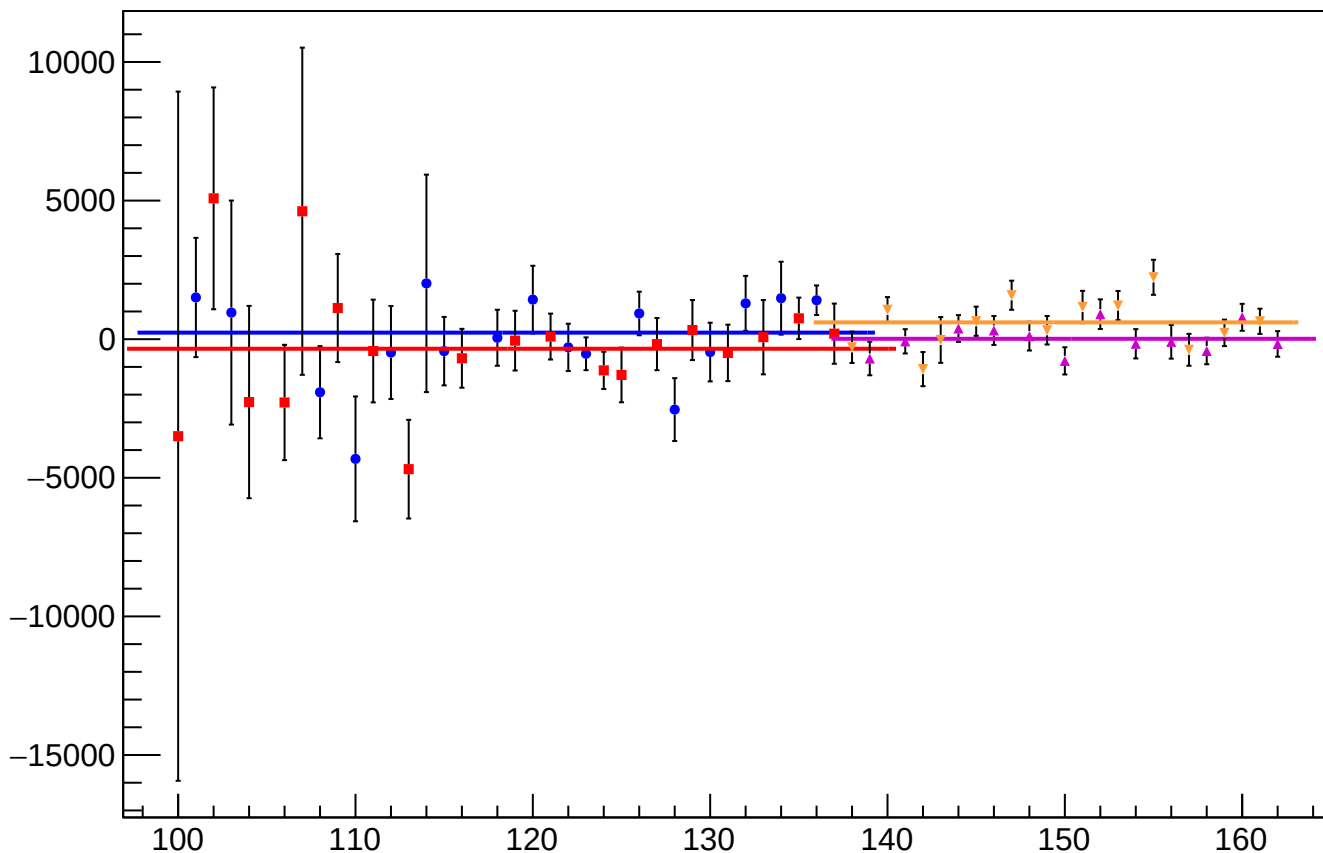
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1891.391+/-0.333 χ^2/NDF : 639460.2/28

Out: 1915.308+/-0.333 χ^2/NDF : 426787.2/31

All: 1903.358+/-0.235 χ^2/NDF : 1068829.5/60

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 607.471 $\pm$ 150.137 χ^2 /NDF:27.8/12

Right Out: -344.268 $\pm$ 268.517 χ^2 /NDF: 16.0/18

Left In: 14.368 $\pm$ 146.112 χ^2 /NDF:11.5/11

Left: 302.862 $\pm$ 104.711 χ^2 /NDF: 47.3/24

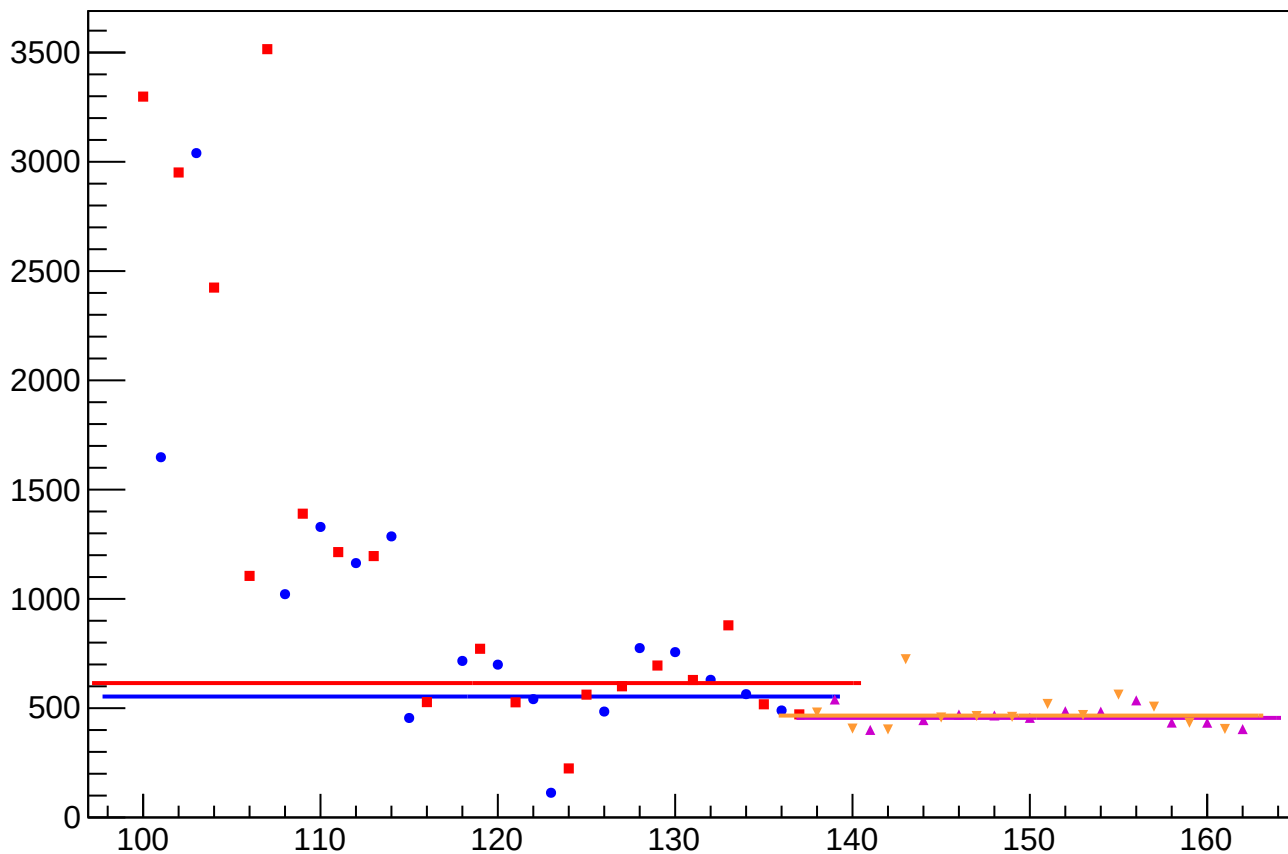
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 71.492 $\pm$ 125.967 χ^2 /NDF:35.9/28

Out: 380.794 $\pm$ 131.044 χ^2 /NDF:53.4/31

All: 220.035 $\pm$ 90.814 χ^2 /NDF: 92.2/60

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 466.076+/-0.106 χ^2/NDF : 370613.6/12

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

Left In: 455.577+/-0.103 χ^2/NDF : 153759.7/11

Left: 460.684+/-0.074 χ^2/NDF : 529396.5/24

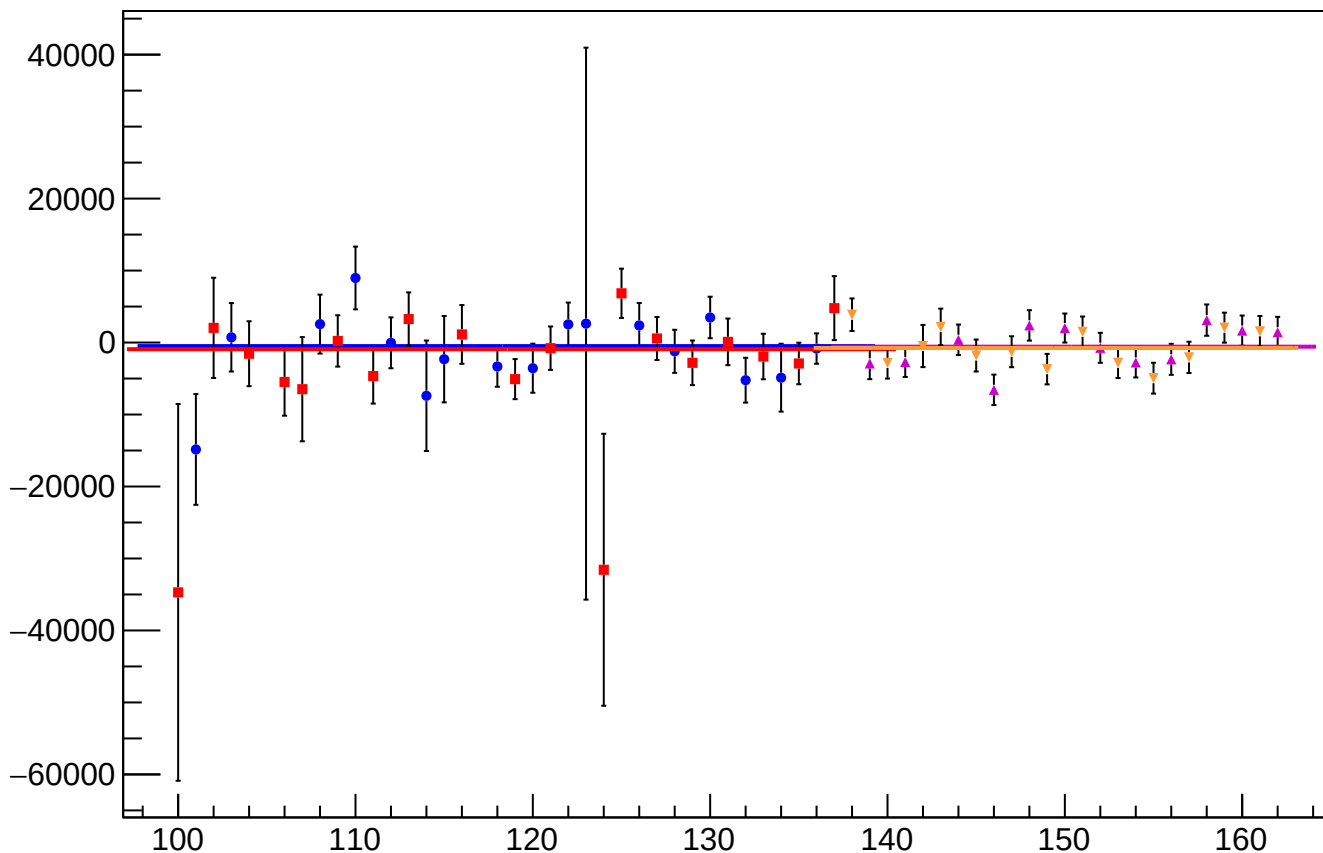
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 480.661+/-0.089 χ^2/NDF : 3796107.3/28

Out: 501.505+/-0.093 χ^2/NDF : 4407825.1/31

All: 490.671+/-0.064 χ^2/NDF : 8230231.2/60

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -755.791+/-614.903 χ^2/NDF : 17.9/12

Right Out: -921.907+/-868.662 χ^2/NDF : 18.9/18

Left In: -571.694+/-609.464 χ^2/NDF : 20.7/11

Left: -662.925+/-432.866 χ^2/NDF : 38.6/24

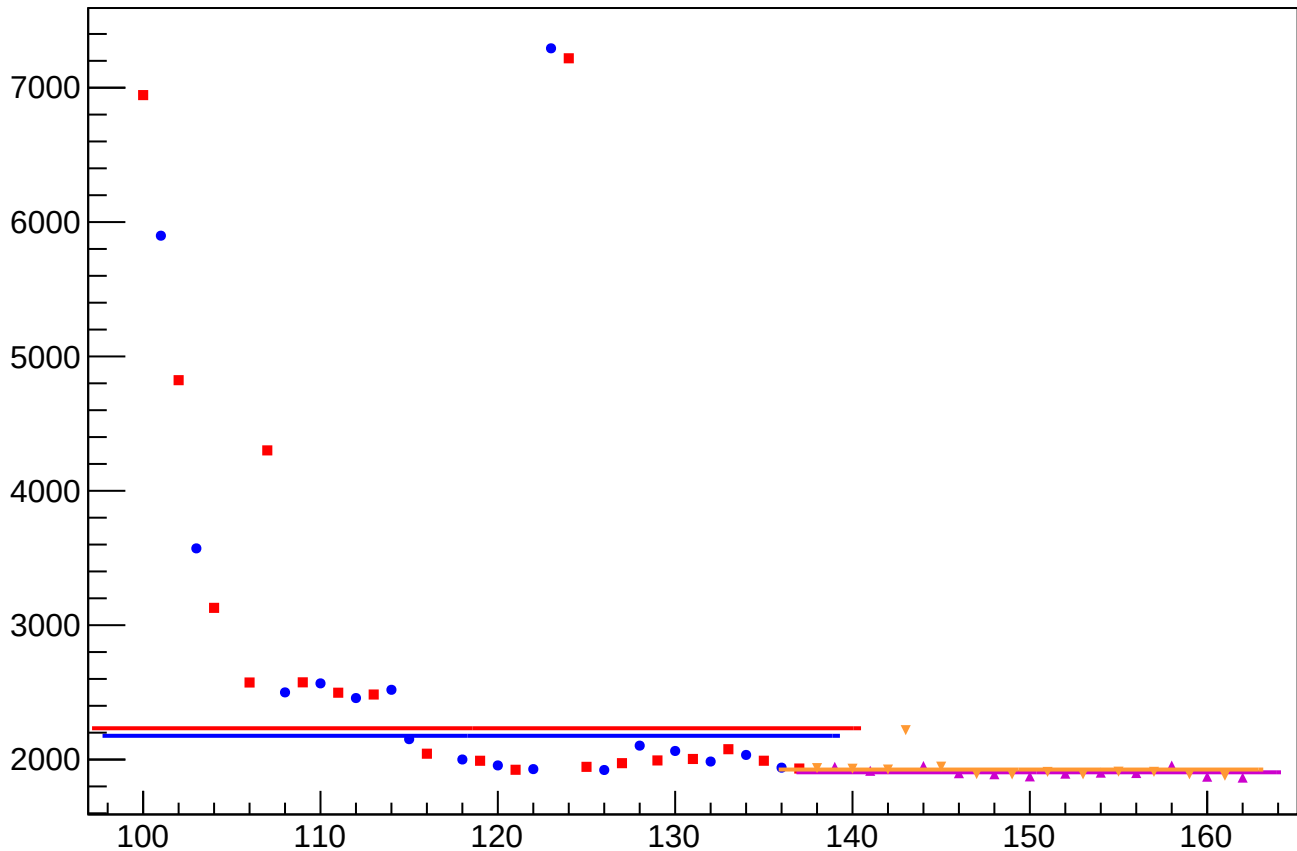
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -545.358+/-498.787 χ^2/NDF : 39.3/28

Out: -811.243+/-501.884 χ^2/NDF : 36.8/31

All: -677.478+/-353.786 χ^2/NDF : 76.3/60

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2 /NDF: 802677.9/16

Left Out: 1925.628 $\pm$ 0.435 χ^2 /NDF:30414.1/12

Right Out: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

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

Left: 1915.274 $\pm$ 0.306 χ^2 /NDF: 36134.1/24

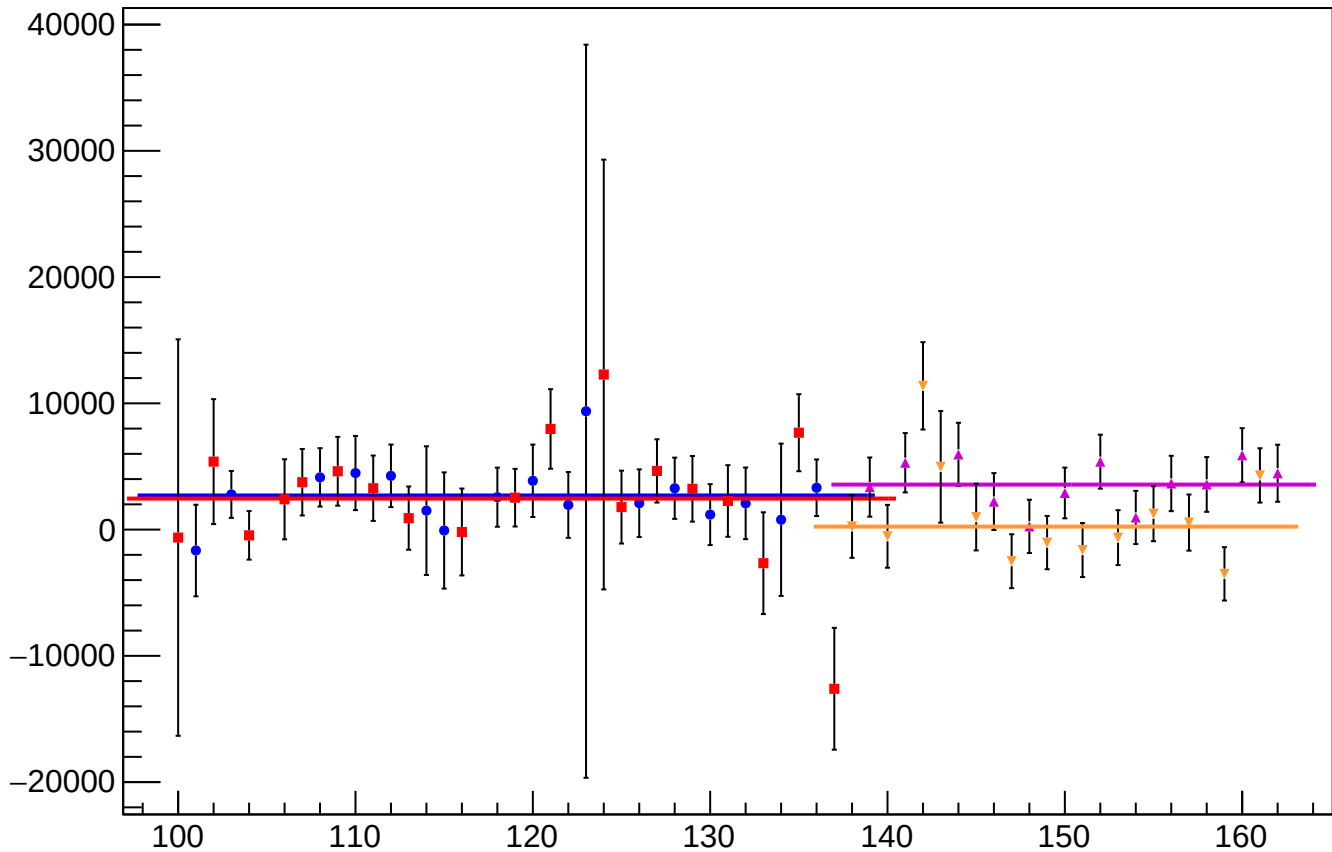
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1994.804 $\pm$ 0.353 χ^2 /NDF:938474.2/28

Out: 2028.195 $\pm$ 0.355 χ^2 /NDF:1087662.6/31

All: 2011.396 $\pm$ 0.250 χ^2 /NDF: 2030590.4/60

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 238.162 $\pm$ 655.530 χ^2/NDF : 21.6/12

Right Out: 2458.734 $\pm$ 682.630 χ^2/NDF : 23.2/18

Left In: 3563.938 $\pm$ 636.177 χ^2/NDF : 8.0/11

Left: 1950.866 $\pm$ 456.533 χ^2/NDF : 42.8/24

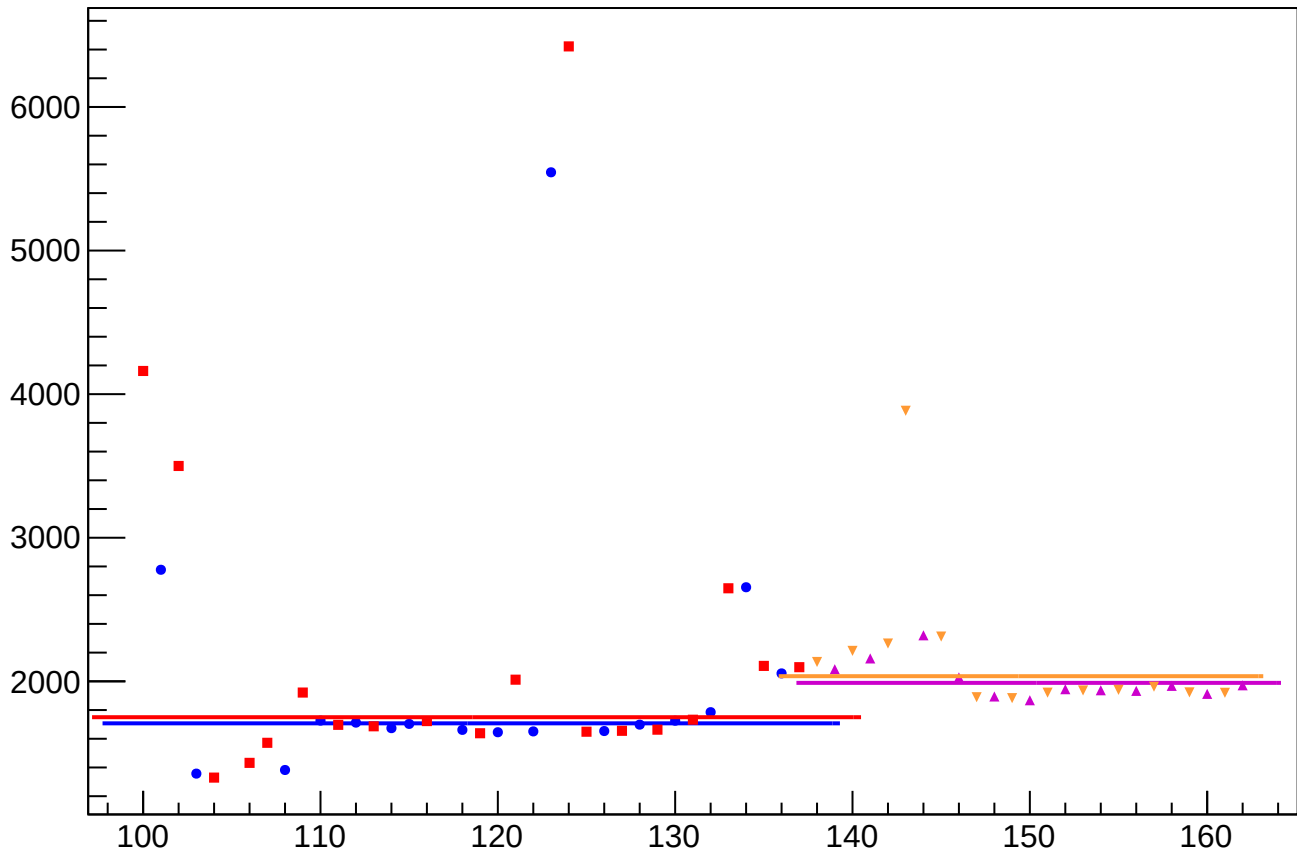
Right: 2582.696 $\pm$ 479.575 χ^2/NDF : 27.3/35

In: 3158.477 $\pm$ 462.606 χ^2/NDF : 12.9/28

Out: 1303.495 $\pm$ 472.820 χ^2/NDF : 50.3/31

All: 2251.239 $\pm$ 330.664 χ^2/NDF : 71.0/60

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2035.749+/-0.464 χ^2/NDF : 440693.5/12

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 1989.258+/-0.450 χ^2/NDF : 66813.0/11

Left: 2011.807+/-0.323 χ^2/NDF : 512687.0/24

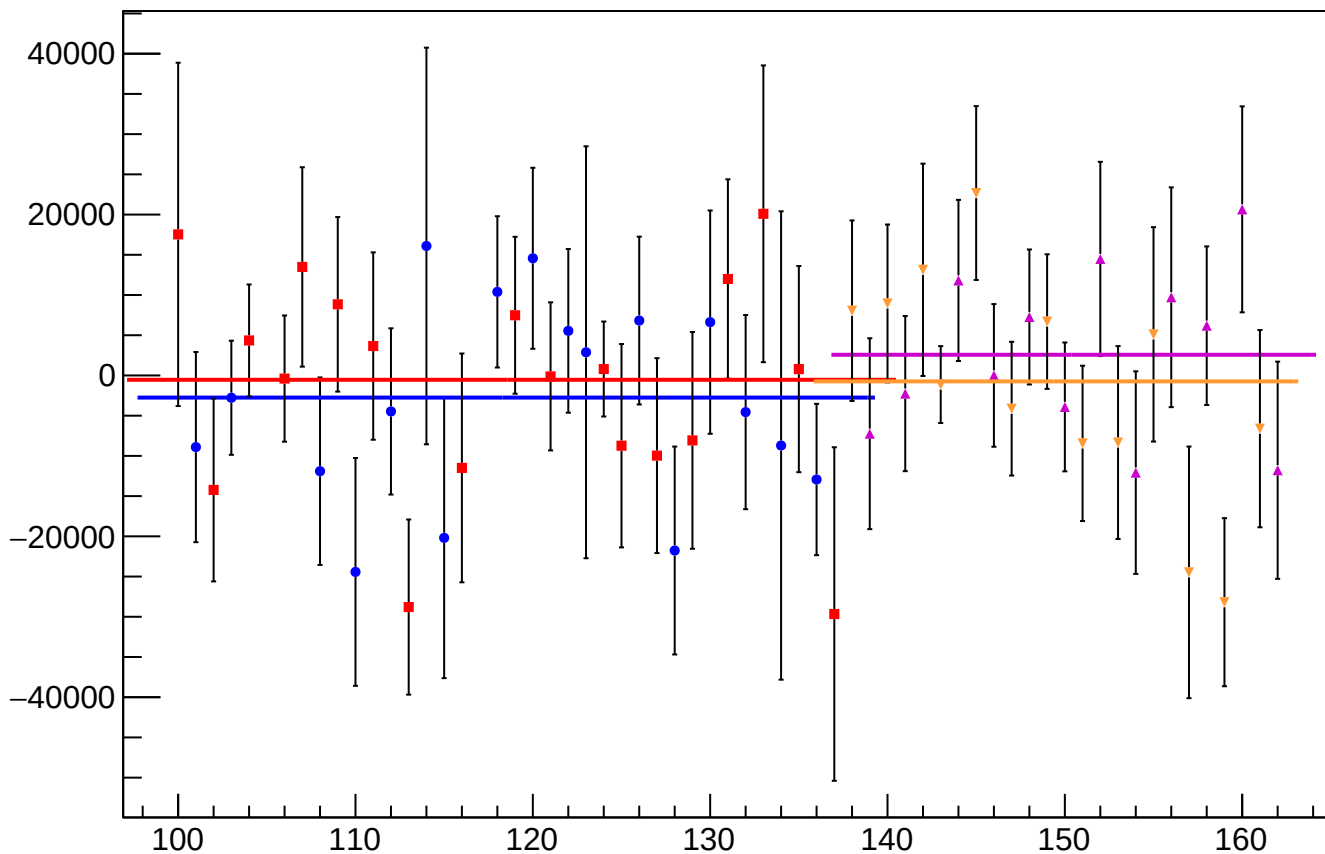
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1856.431+/-0.327 χ^2/NDF : 673996.8/28

Out: 1898.675+/-0.334 χ^2/NDF : 1369418.4/31

All: 1877.095+/-0.234 χ^2/NDF : 2051573.0/60

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2 /NDF: 14.6/16

Left Out: -736.829 $\pm$ 2596.251 χ^2 /NDF:19.0/12

Right Out: -538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

Left In: 2571.177 $\pm$ 3004.884 χ^2 /NDF:8.7/11

Left: 677.115 $\pm$ 1964.539 χ^2 /NDF: 28.4/24

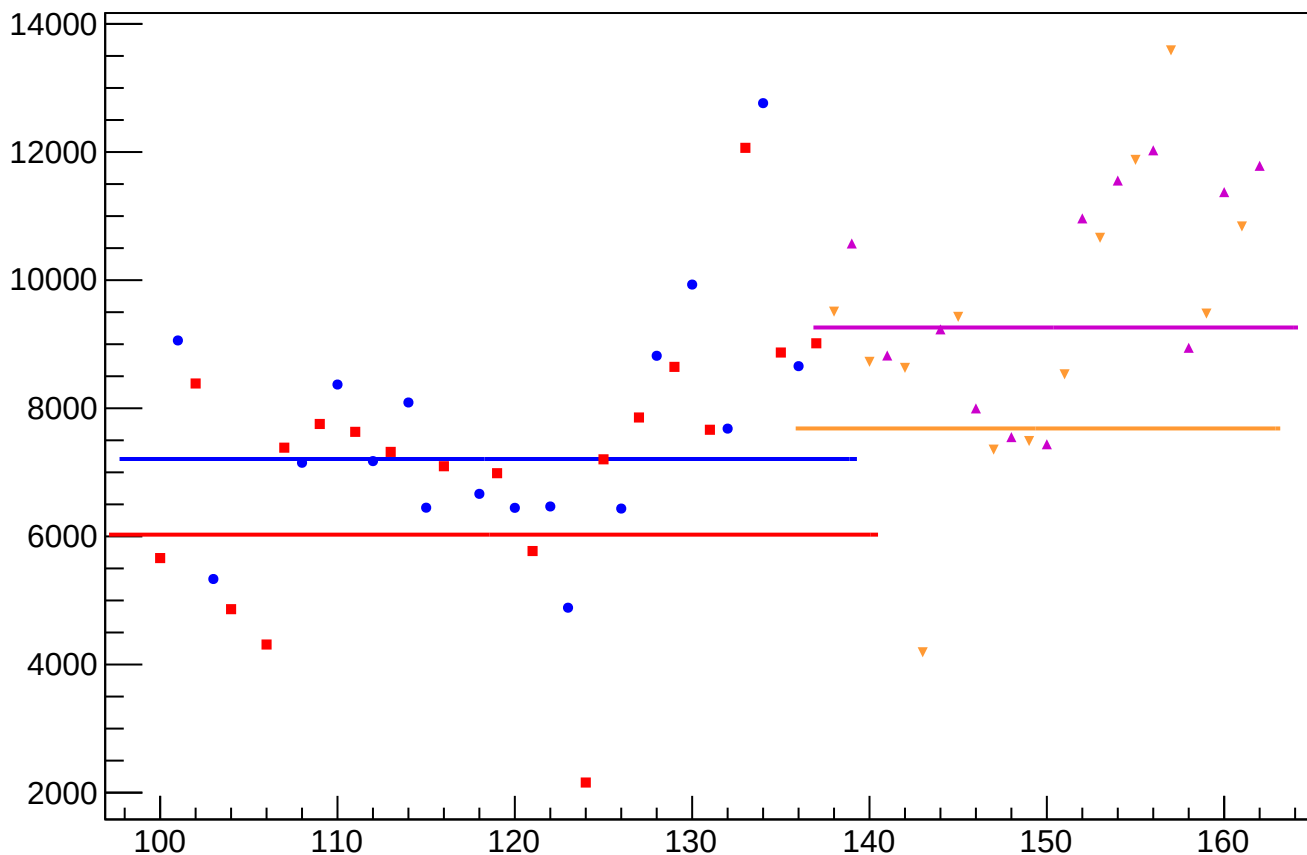
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -237.545 $\pm$ 2064.934 χ^2 /NDF:24.9/28

Out: -630.878 $\pm$ 1772.176 χ^2 /NDF:37.5/31

All: -464.048 $\pm$ 1344.818 χ^2 /NDF: 62.4/60

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7684.972+/-1.836 χ^2/NDF : 2022691.3/12

Right Out: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

Left In: 9261.103+/-2.125 χ^2/NDF : 570468.8/11

Left: 8358.659+/-1.389 χ^2/NDF : 2908215.4/24

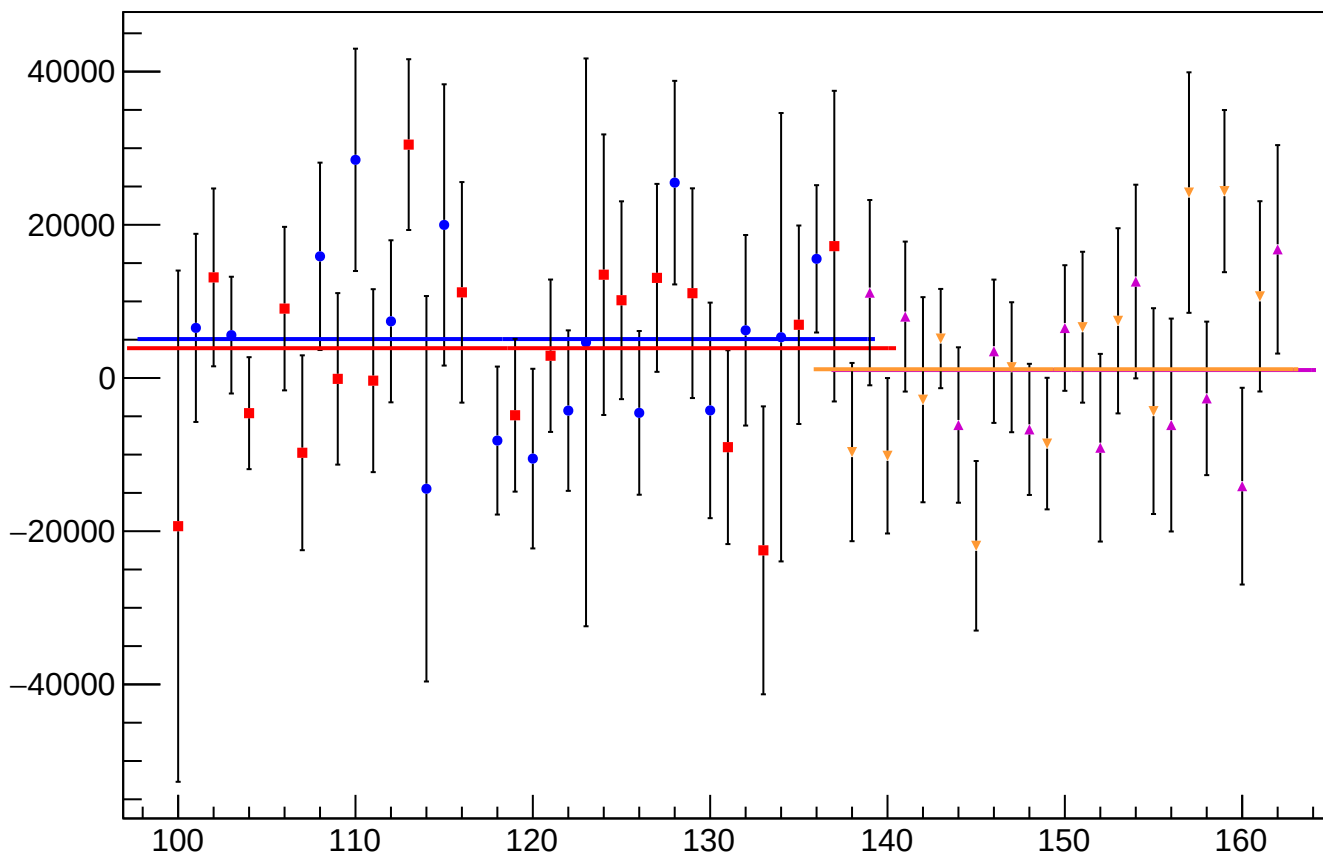
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8177.726+/-1.460 χ^2/NDF : 1556815.4/28

Out: 6799.717+/-1.253 χ^2/NDF : 4256235.6/31

All: 7384.193+/-0.951 χ^2/NDF : 6325953.5/60

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2 /NDF: 14.0/16

Left Out: 1143.895 $\pm$ 2836.693 χ^2 /NDF:16.5/12

Right Out: 3892.007 $\pm$ 2790.271 χ^2 /NDF: 15.7/18

Left In: 1039.344 $\pm$ 3064.904 χ^2 /NDF:7.7/11

Left: 1095.657 $\pm$ 2081.854 χ^2 /NDF: 24.2/24

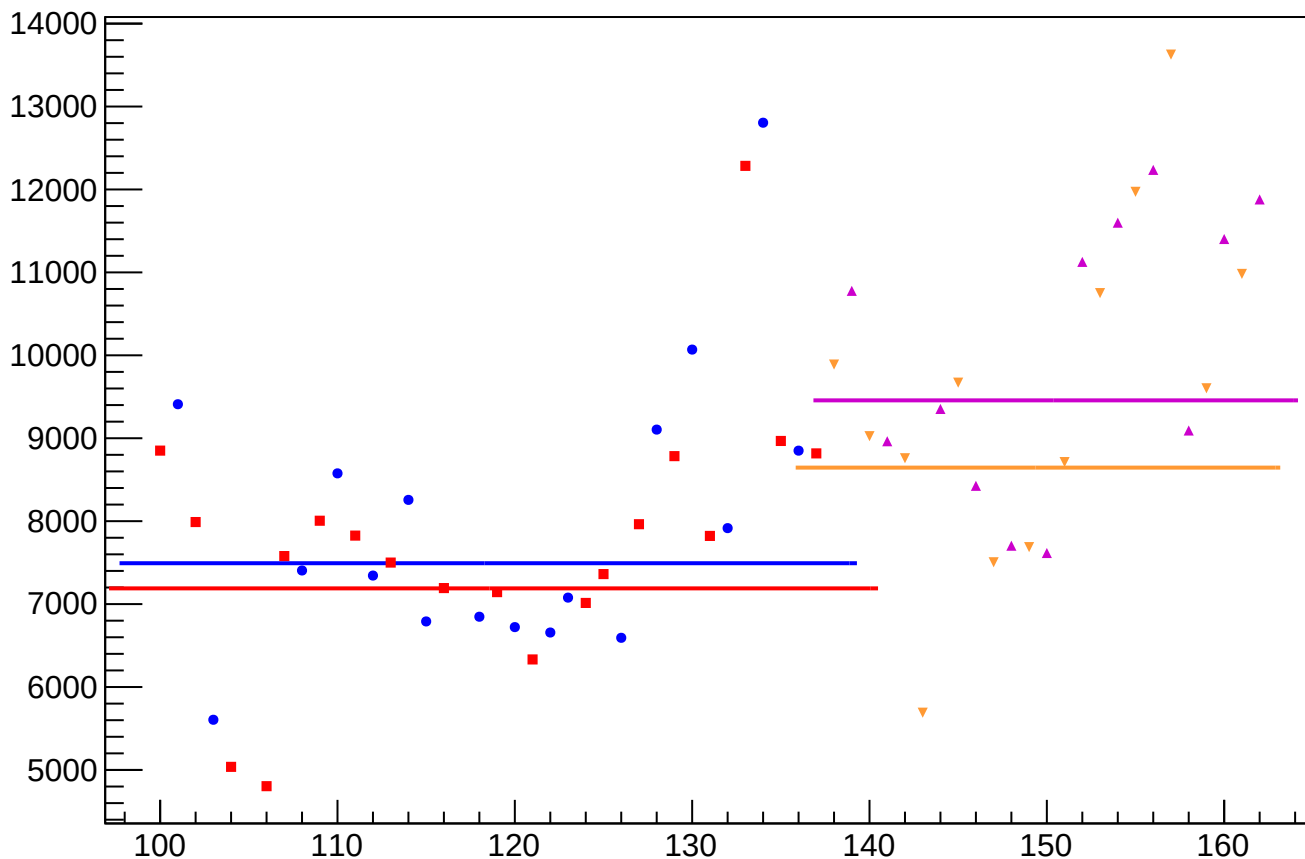
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

In: 3135.648 $\pm$ 2127.385 χ^2 /NDF:22.6/28

Out: 2540.622 $\pm$ 1989.229 χ^2 /NDF:32.7/31

All: 2818.188 $\pm$ 1452.986 χ^2 /NDF: 55.3/60

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 8645.811+/-2.006 χ^2/NDF : 991798.0/12

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

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

Left: 9019.983+/-1.472 χ^2/NDF : 1591818.1/24

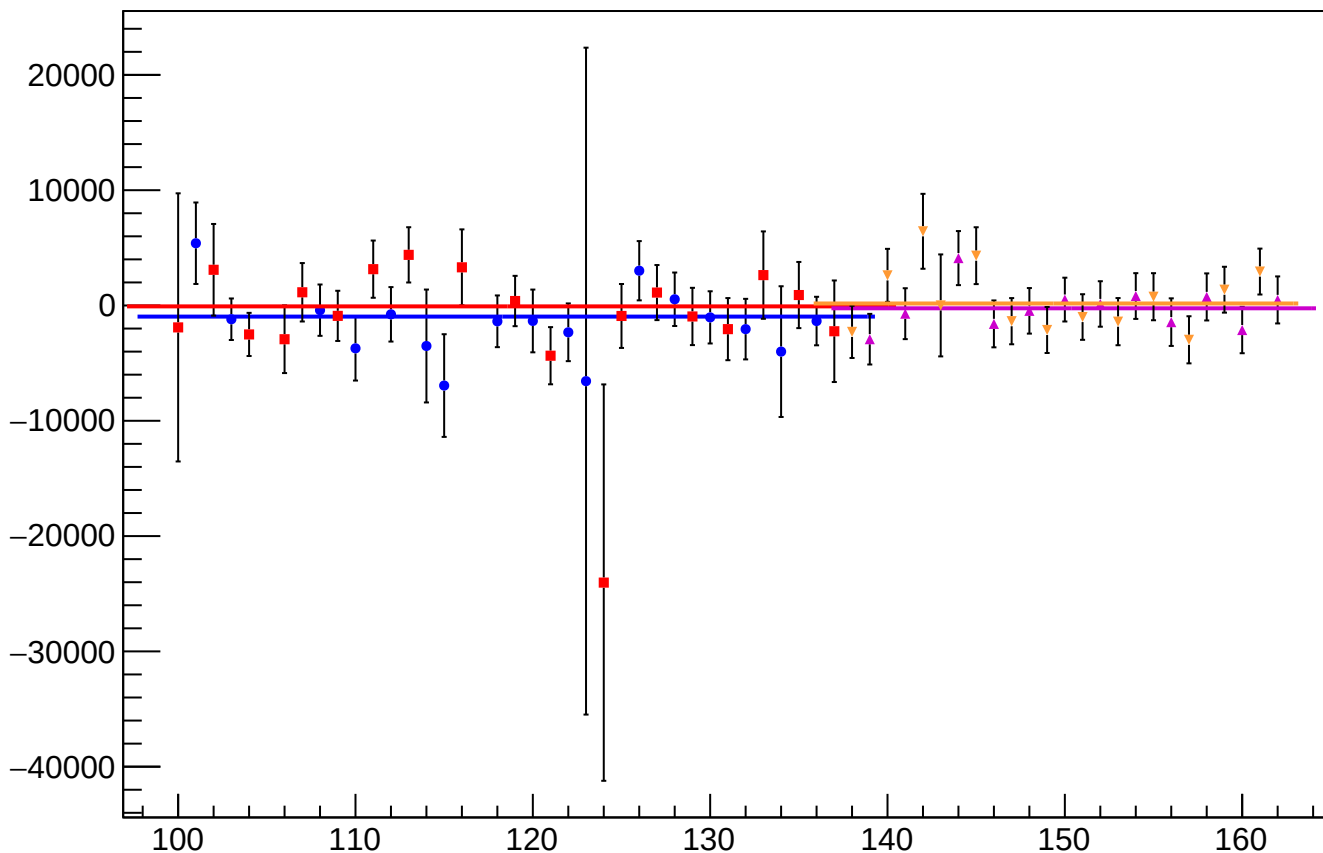
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8439.064+/-1.504 χ^2/NDF : 1387219.6/28

Out: 7905.550+/-1.407 χ^2/NDF : 1820634.9/31

All: 8154.408+/-1.027 χ^2/NDF : 3274968.7/60

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 173.979+/-611.529 χ^2/NDF : 16.5/12

Right Out: -76.747+/-633.483 χ^2/NDF : 16.7/18

Left In: -243.914+/-593.049 χ^2/NDF : 7.5/11

Left: -41.376+/-425.732 χ^2/NDF : 24.2/24

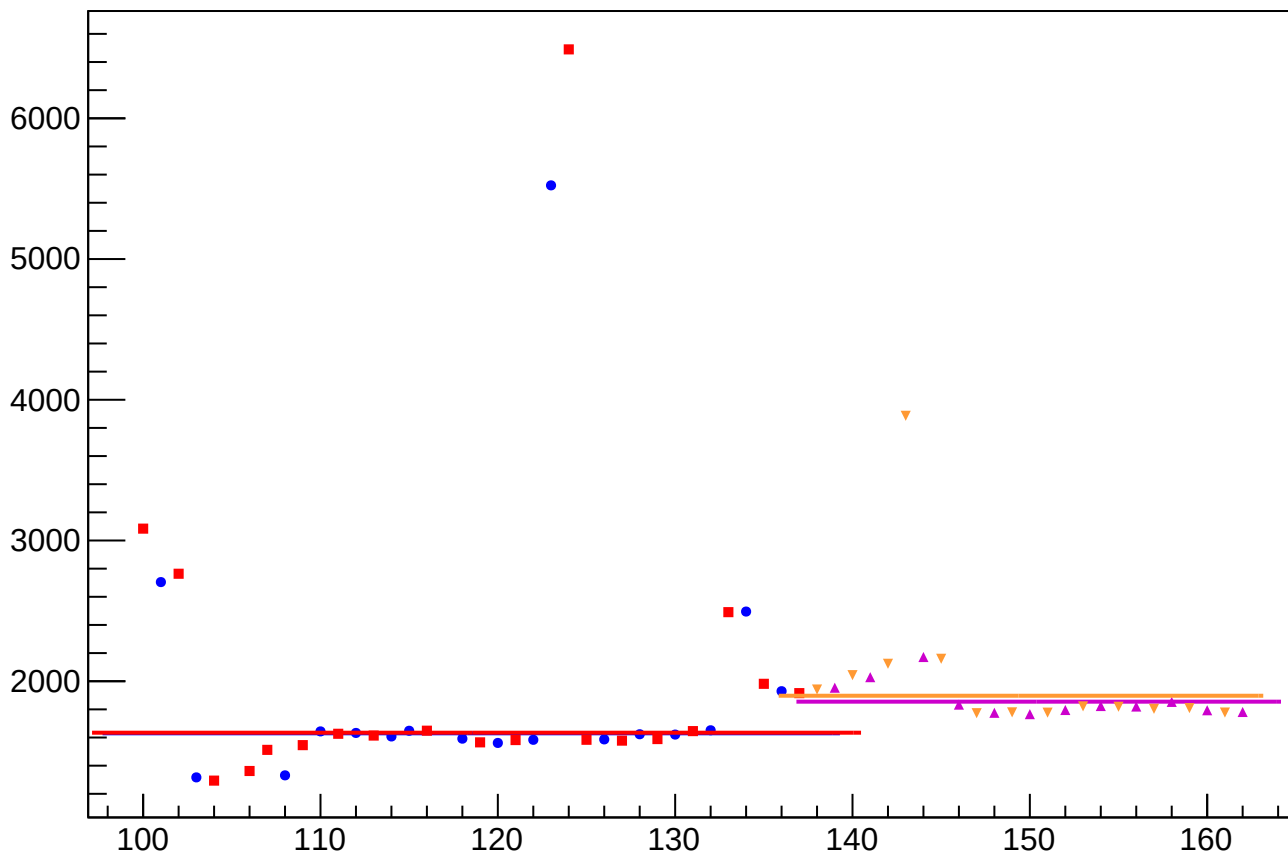
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -574.220+/-435.948 χ^2/NDF : 18.2/28

Out: 53.036+/-439.973 χ^2/NDF : 33.3/31

All: -263.475+/-309.675 χ^2/NDF : 52.5/60

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1896.920+/-0.432 χ^2/NDF : 488881.9/12

Right Out: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

Left In: 1854.762+/-0.419 χ^2/NDF : 68195.2/11

Left: 1875.195+/-0.301 χ^2/NDF : 561975.5/24

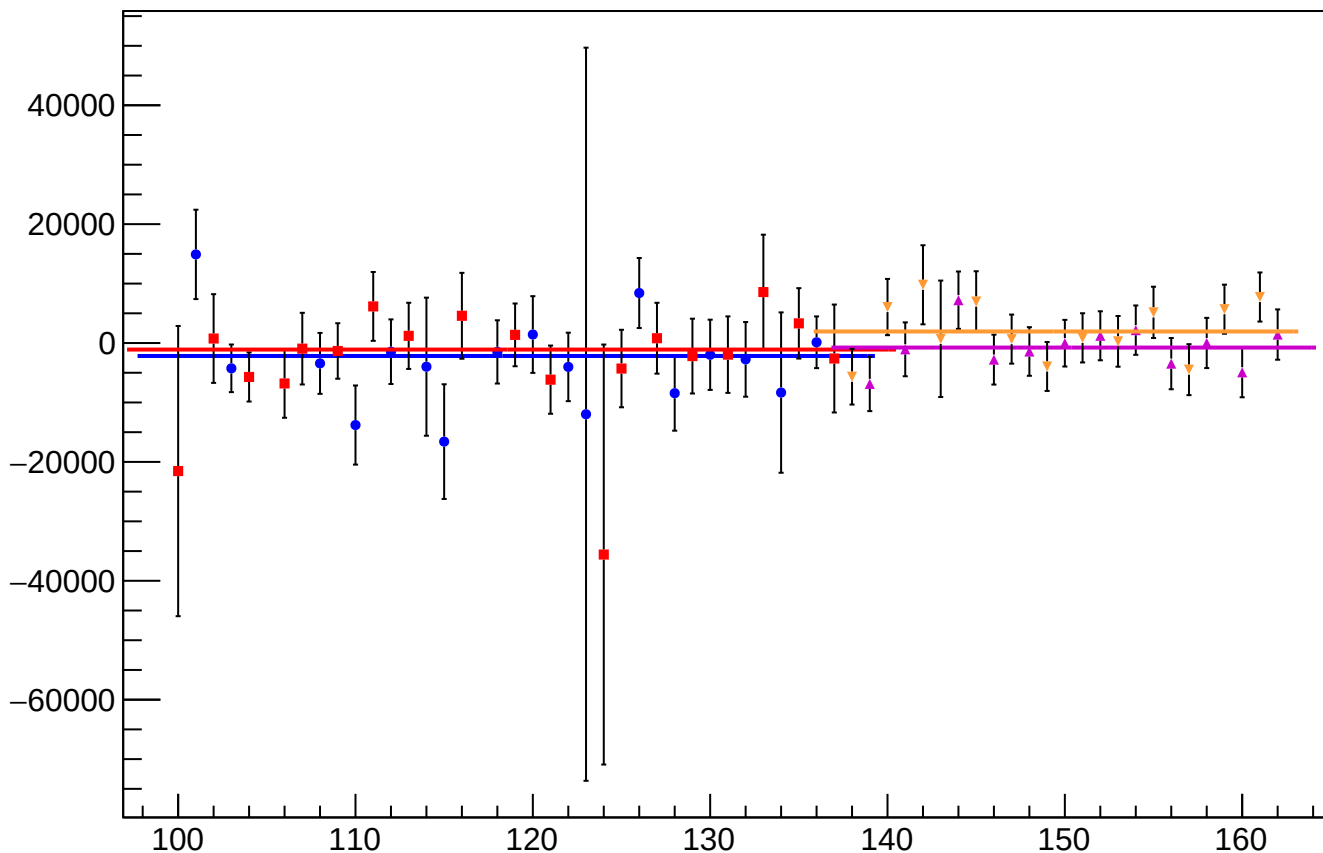
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1751.432+/-0.308 χ^2/NDF : 608441.5/28

Out: 1770.219+/-0.311 χ^2/NDF : 1255513.1/31

All: 1760.739+/-0.219 χ^2/NDF : 1865794.7/60

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1944.257+/-1271.985 χ^2/NDF :13.7/12

Right Out: -1098.345+/-1439.820 χ^2/NDF : 9.3/18

Left In: -762.088+/-1230.870 χ^2/NDF :7.2/11

Left: 546.639+/-884.535 χ^2/NDF : 23.3/24

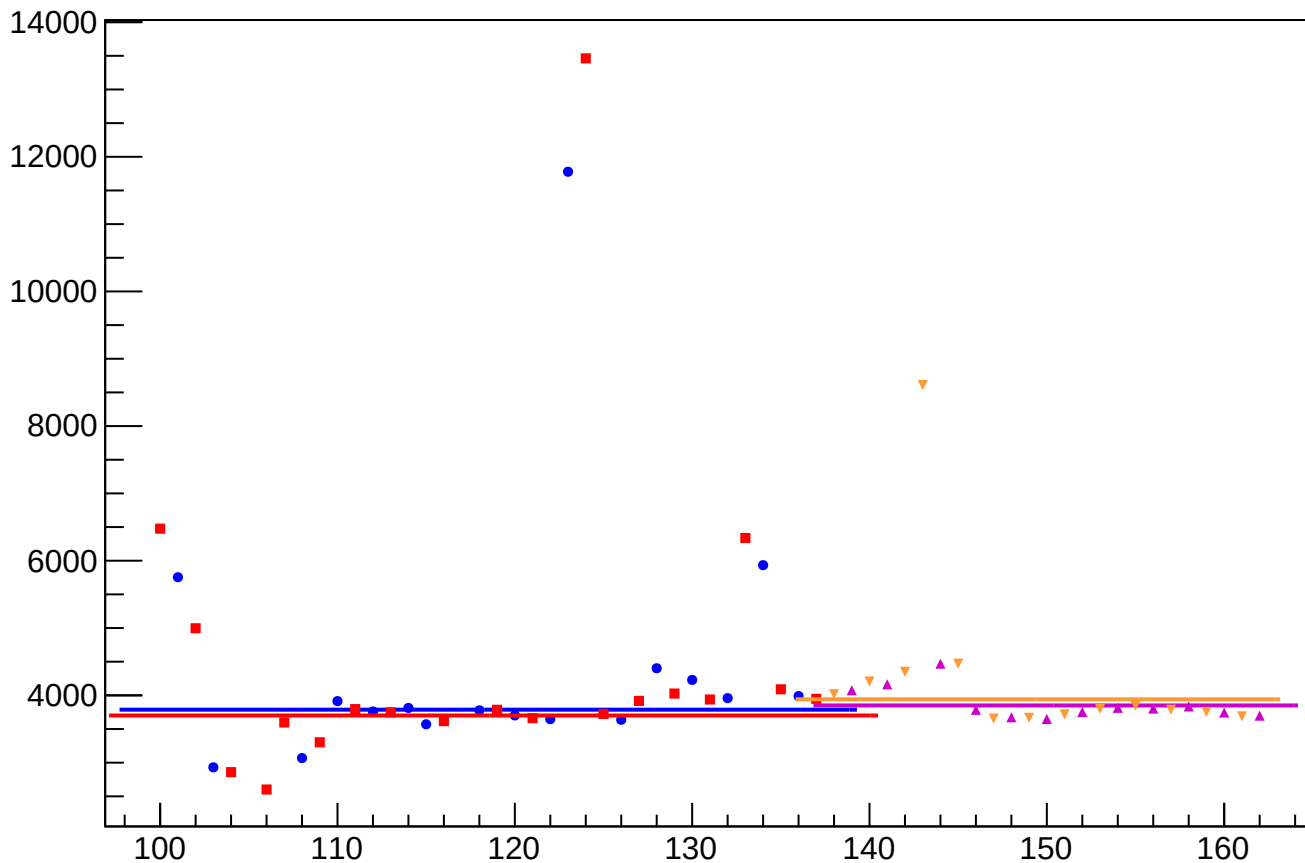
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1335.526+/-949.734 χ^2/NDF :23.7/28

Out: 610.547+/-953.271 χ^2/NDF :25.5/31

All: -366.108+/-672.810 χ^2/NDF : 51.3/60

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3941.427+/-0.899 χ^2/NDF : 531615.2/12

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

Left In: 3850.241+/-0.870 χ^2/NDF : 62159.0/11

Left: 3894.337+/-0.625 χ^2/NDF : 599082.1/24

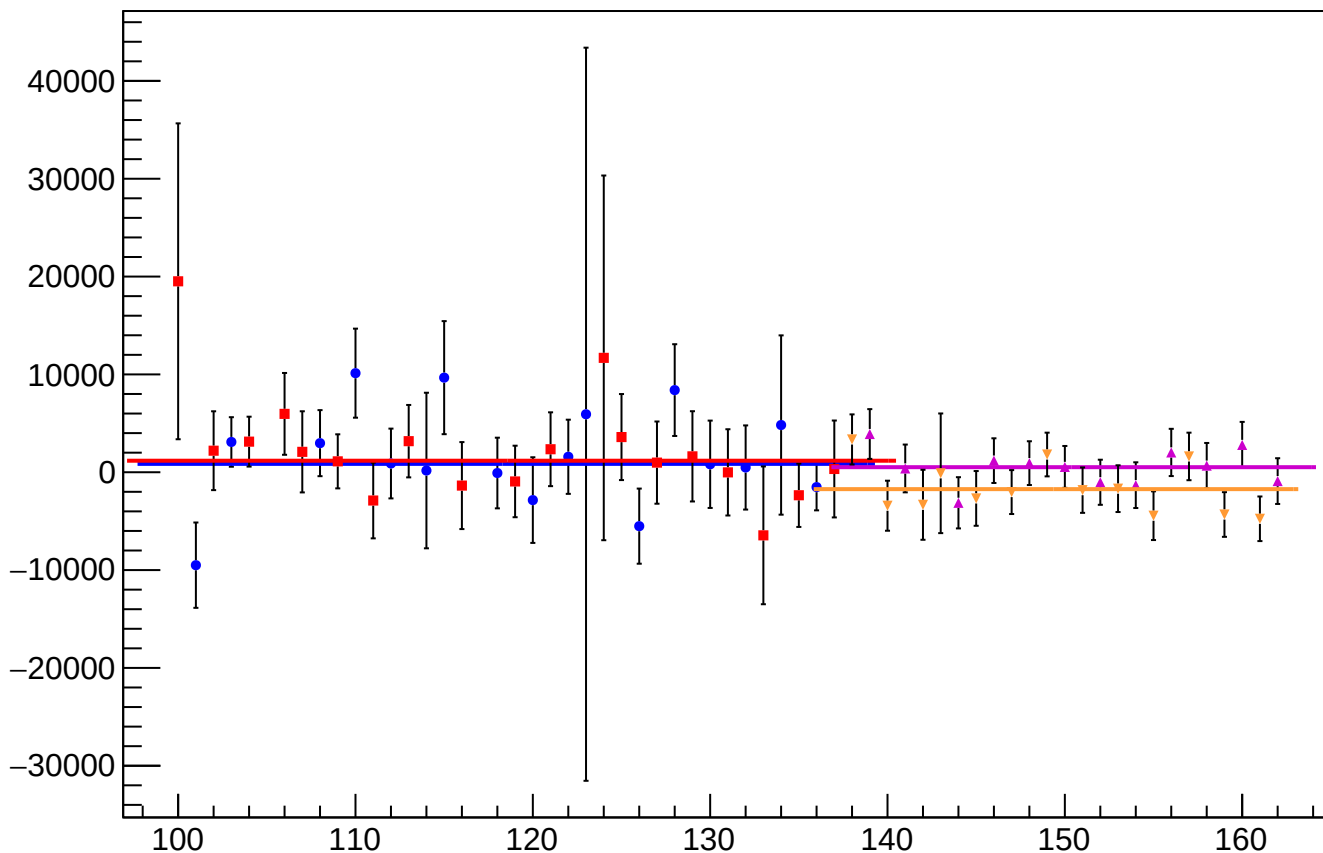
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3824.773+/-0.672 χ^2/NDF : 456925.8/28

Out: 3836.005+/-0.674 χ^2/NDF : 1144050.7/31

All: 3830.368+/-0.476 χ^2/NDF : 1601115.9/60

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 χ^2/NDF : 20.7/16

Left Out: -1726.384 ± 704.788 χ^2/NDF : 13.4/12

Right Out: 1178.044 ± 925.669 χ^2/NDF : 8.6/18

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

Left: -562.265 ± 488.871 χ^2/NDF : 25.3/24

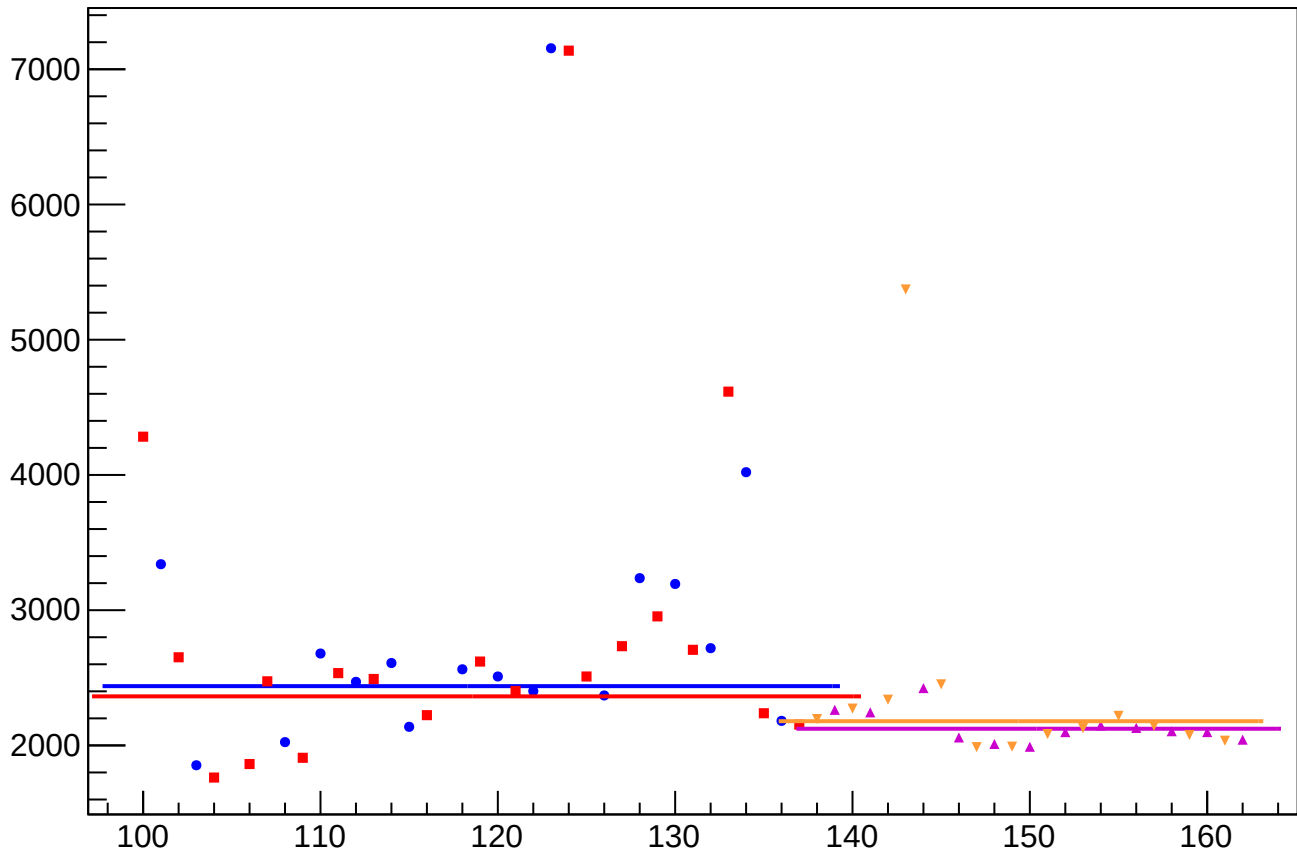
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 629.444 ± 555.091 χ^2/NDF : 27.3/28

Out: -660.547 ± 560.752 χ^2/NDF : 28.2/31

All: -9.007 ± 394.495 χ^2/NDF : 58.2/60

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2179.068+/-0.498 χ^2/NDF : 616718.1/12

Right Out: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

Left In: 2123.355+/-0.480 χ^2/NDF : 54940.2/11

Left: 2150.160+/-0.346 χ^2/NDF : 678142.7/24

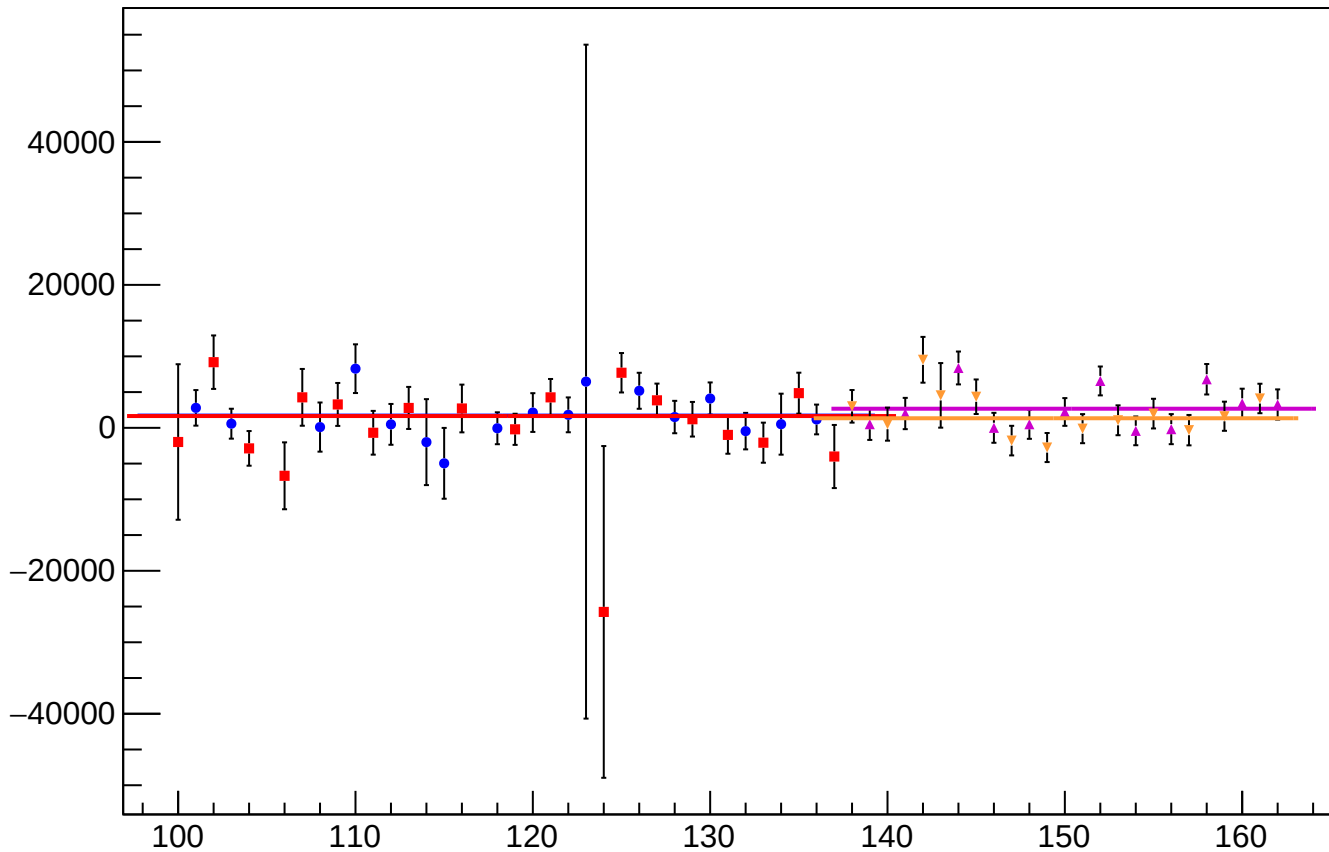
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2227.612+/-0.393 χ^2/NDF : 674223.4/28

Out: 2246.470+/-0.397 χ^2/NDF : 1324089.2/31

All: 2236.945+/-0.279 χ^2/NDF : 1999455.0/60

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1340.387+/-623.474 χ^2/NDF : 18.6/12

Right Out: 1650.522+/-694.283 χ^2/NDF : 27.0/18

Left In: 2675.088+/-604.593 χ^2/NDF : 21.9/11

Left: 2028.253+/-434.033 χ^2/NDF : 42.9/24

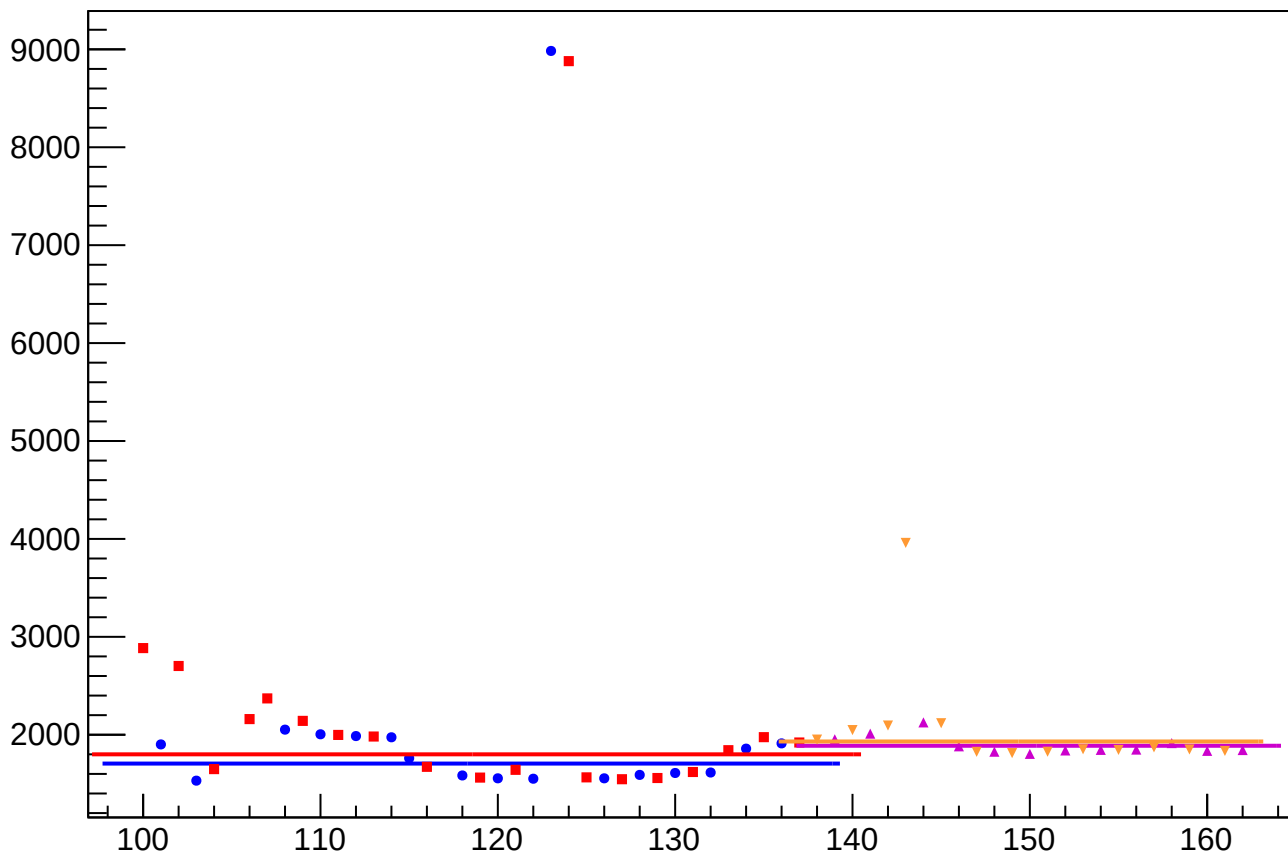
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2241.059+/-447.999 χ^2/NDF : 34.4/28

Out: 1478.837+/-463.883 χ^2/NDF : 45.7/31

All: 1873.221+/-322.252 χ^2/NDF : 81.5/60

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1931.252 $\pm$ 0.441 χ^2 /NDF: 458131.3/12

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1887.491 $\pm$ 0.428 χ^2 /NDF: 40287.8/11

Left: 1908.699 $\pm$ 0.307 χ^2 /NDF: 503497.1/24

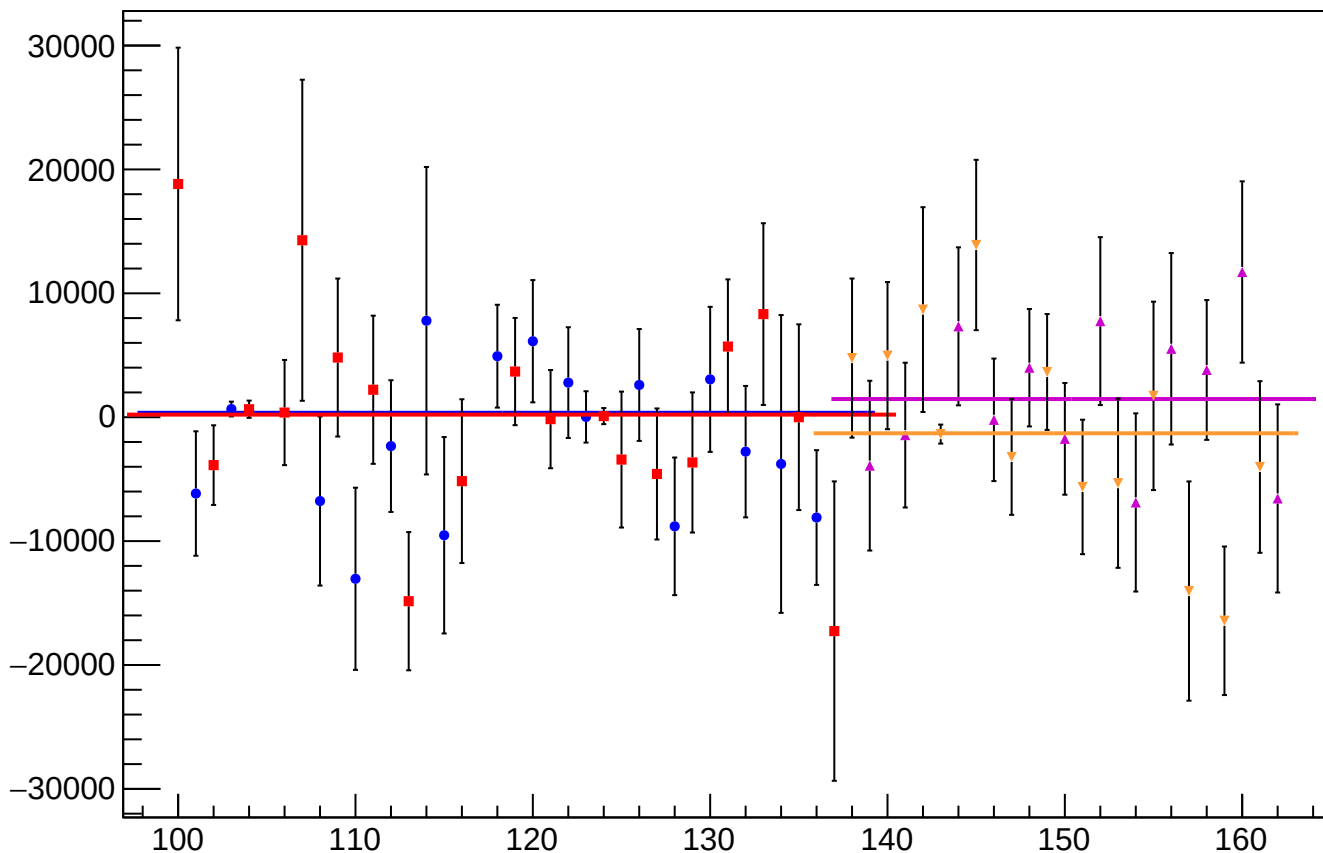
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1805.482 $\pm$ 0.317 χ^2 /NDF: 316067.9/28

Out: 1872.513 $\pm$ 0.328 χ^2 /NDF: 1036580.5/31

All: 1837.863 $\pm$ 0.228 χ^2 /NDF: 1374277.8/60

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: -1297.791 $\pm$ 703.973 χ^2 /NDF:19.4/12

Right Out: 209.907 $\pm$ 446.627 χ^2 /NDF: 21.4/18

Left In: 1466.188 $\pm$ 1727.443 χ^2 /NDF:8.4/11

Left: -904.139 $\pm$ 651.917 χ^2 /NDF: 29.9/24

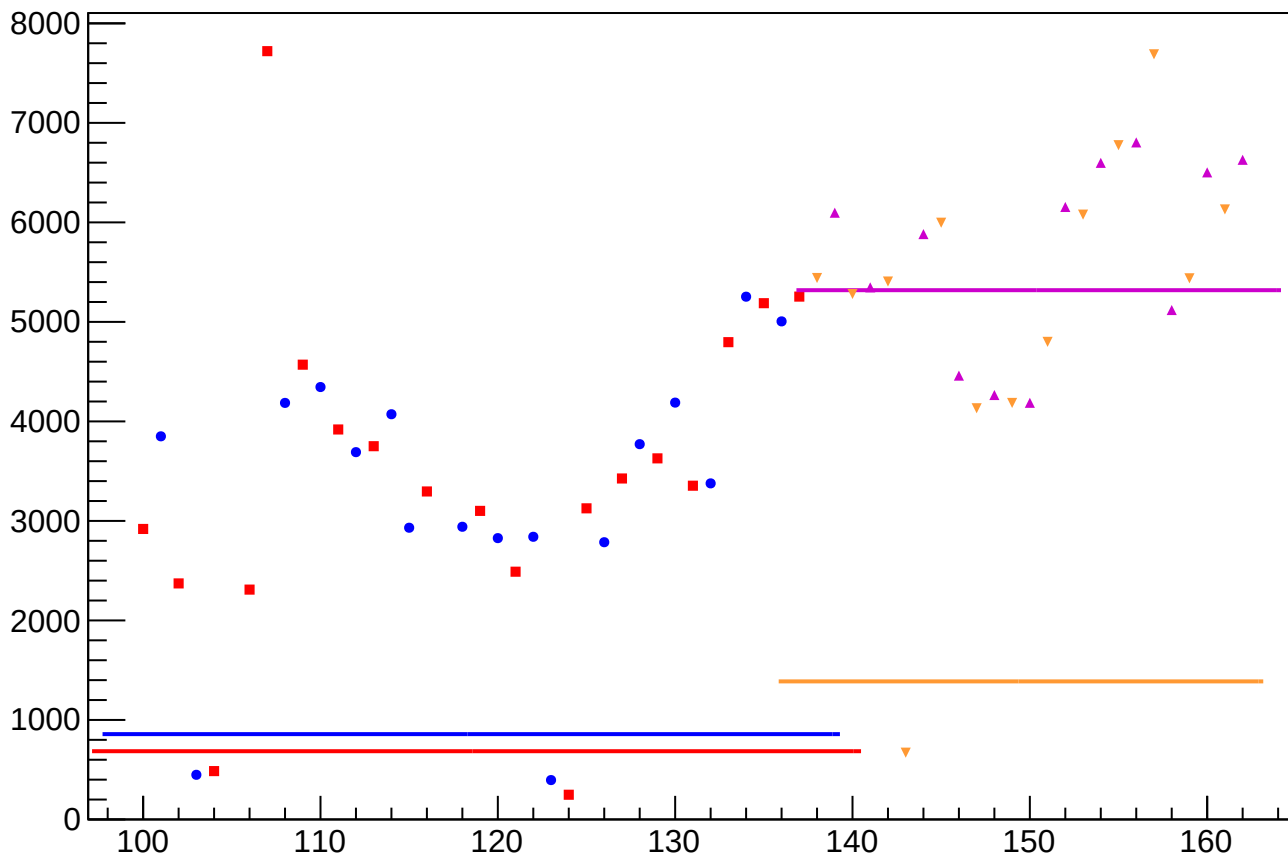
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 453.510 $\pm$ 509.490 χ^2 /NDF:26.2/28

Out: -222.792 $\pm$ 377.130 χ^2 /NDF:44.0/31

All: 16.598 $\pm$ 303.122 χ^2 /NDF: 71.4/60

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1387.397 $\pm$ 0.498 χ^2 /NDF: 11785514.7/12

Right Out: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

Left In: 5318.650 $\pm$ 1.221 χ^2 /NDF: 608681.1/11

Left: 1947.294 $\pm$ 0.461 χ^2 /NDF: 21277165.9/24

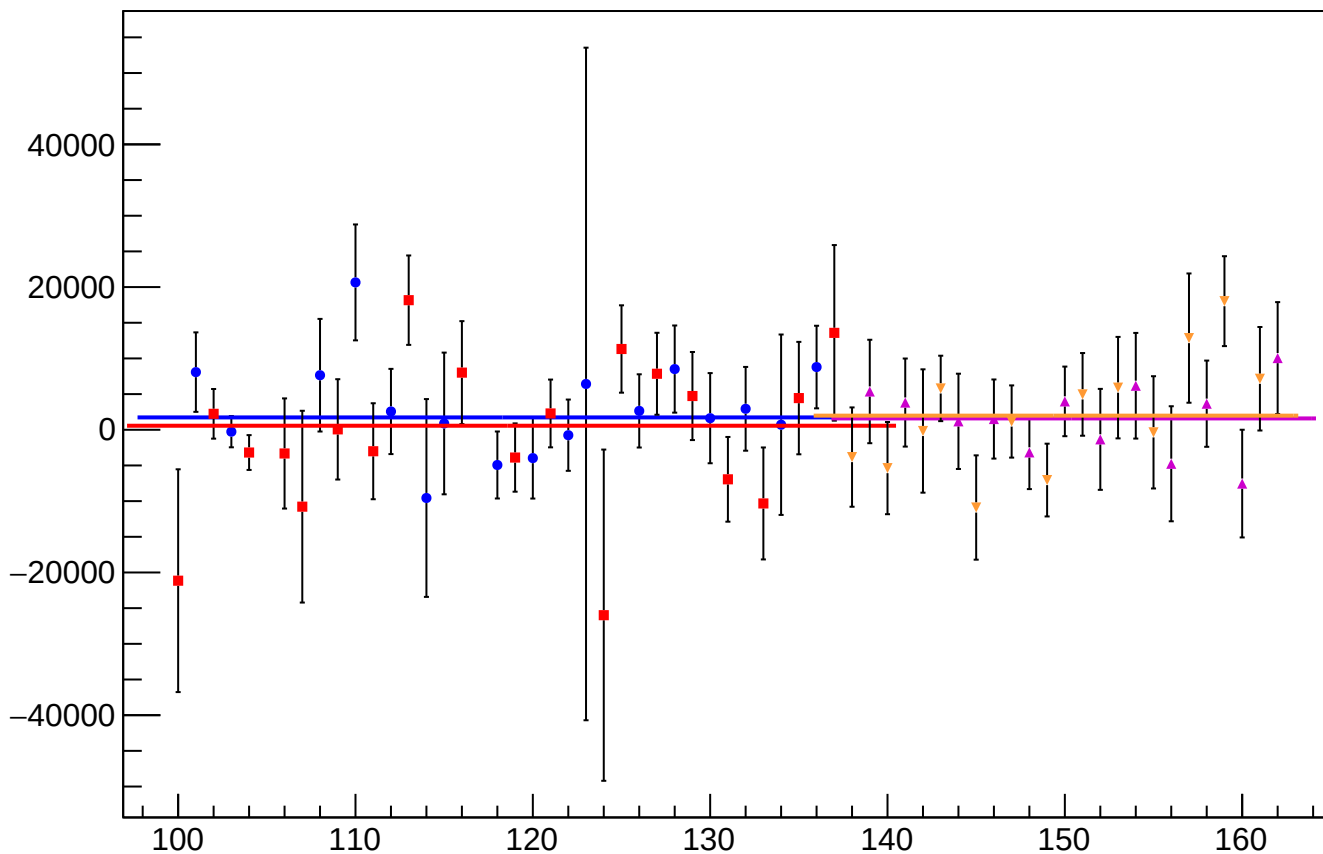
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1245.545 $\pm$ 0.360 χ^2 /NDF: 20962555.2/28

Out: 887.154 $\pm$ 0.267 χ^2 /NDF: 22663031.0/31

All: 1014.013 $\pm$ 0.214 χ^2 /NDF: 44264918.1/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1980.905+/-1757.061 χ^2/NDF : 18.1/12

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

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

Left: 1795.047+/-1271.265 χ^2/NDF : 23.5/24

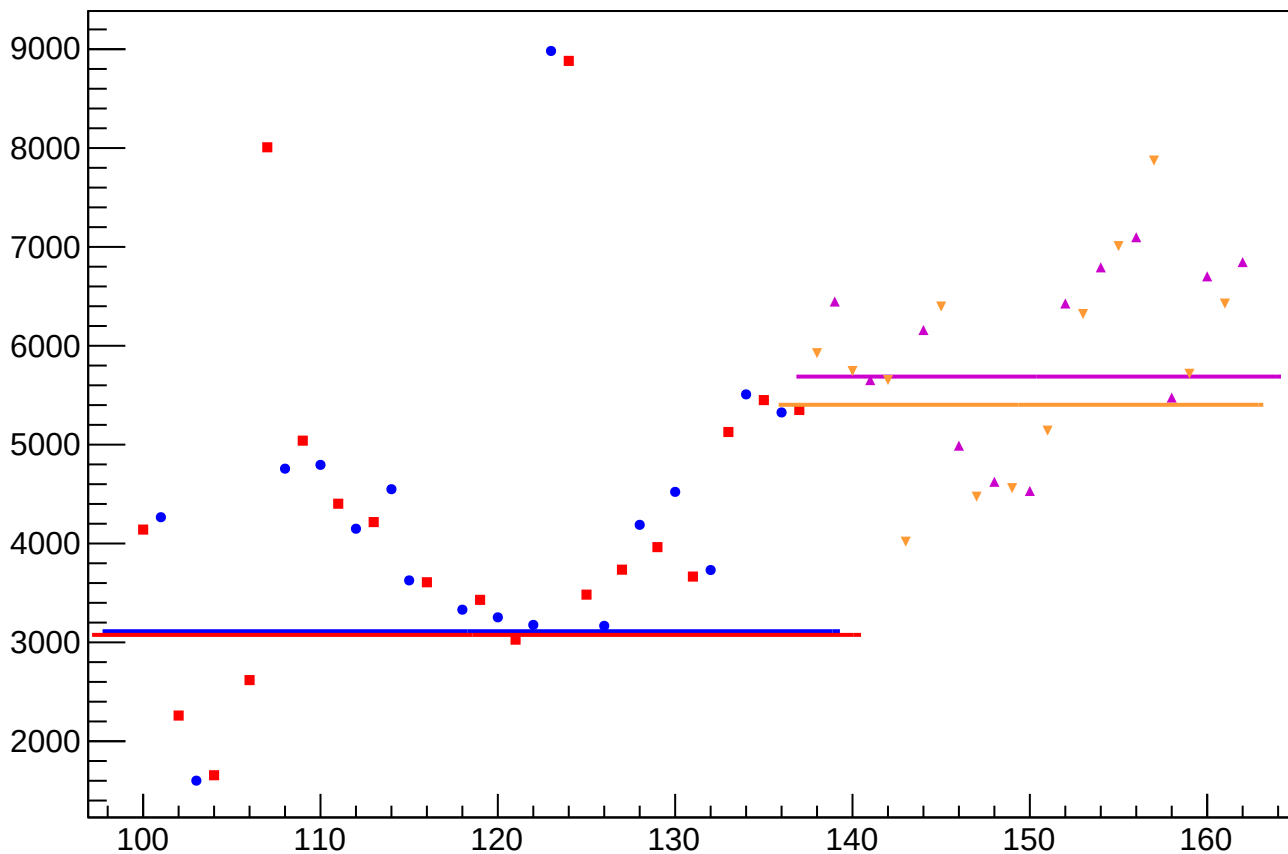
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1685.690+/-1064.552 χ^2/NDF : 20.3/28

Out: 1060.413+/-1037.907 χ^2/NDF : 45.6/31

All: 1365.129+/-743.152 χ^2/NDF : 66.1/60

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5403.155 $\pm$ 1.242 χ^2 /NDF: 674212.4/12

Right Out: 3075.702 $\pm$ 0.896 χ^2 /NDF: 2011000.5/18

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

Left: 5539.042 $\pm$ 0.899 χ^2 /NDF: 1170827.6/24

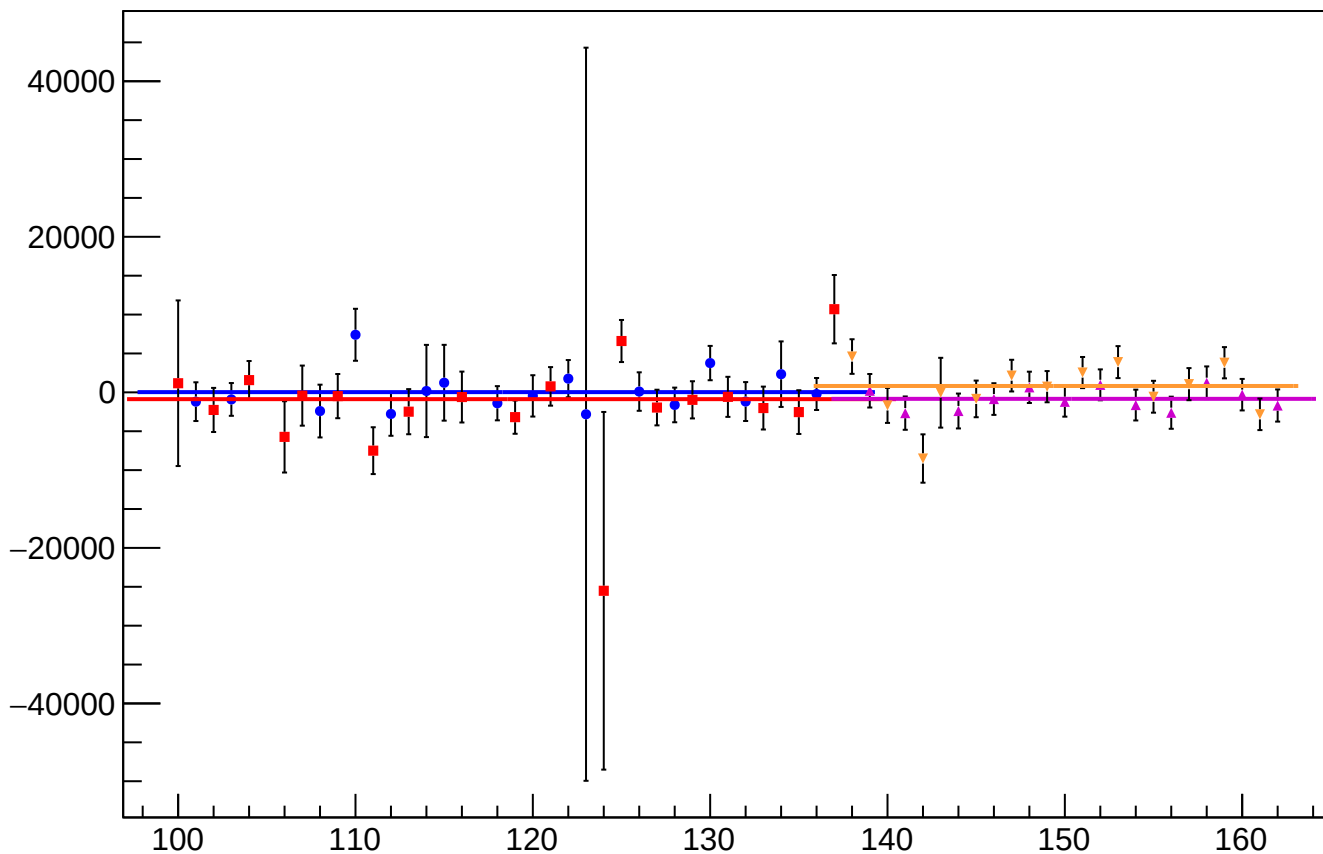
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3973.335 $\pm$ 0.753 χ^2 /NDF: 4960890.7/28

Out: 3872.474 $\pm$ 0.727 χ^2 /NDF: 4993138.9/31

All: 3921.146 $\pm$ 0.523 χ^2 /NDF: 9963319.5/60

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 $\pm$ 658.403 χ^2/NDF : 11.8/16

Left Out: 818.987 $\pm$ 611.558 χ^2/NDF : 23.0/12

Right Out: -874.470 $\pm$ 673.273 χ^2/NDF : 25.7/18

Left In: -834.870 $\pm$ 593.254 χ^2/NDF : 5.0/11

Left: -33.062 $\pm$ 425.818 χ^2/NDF : 31.7/24

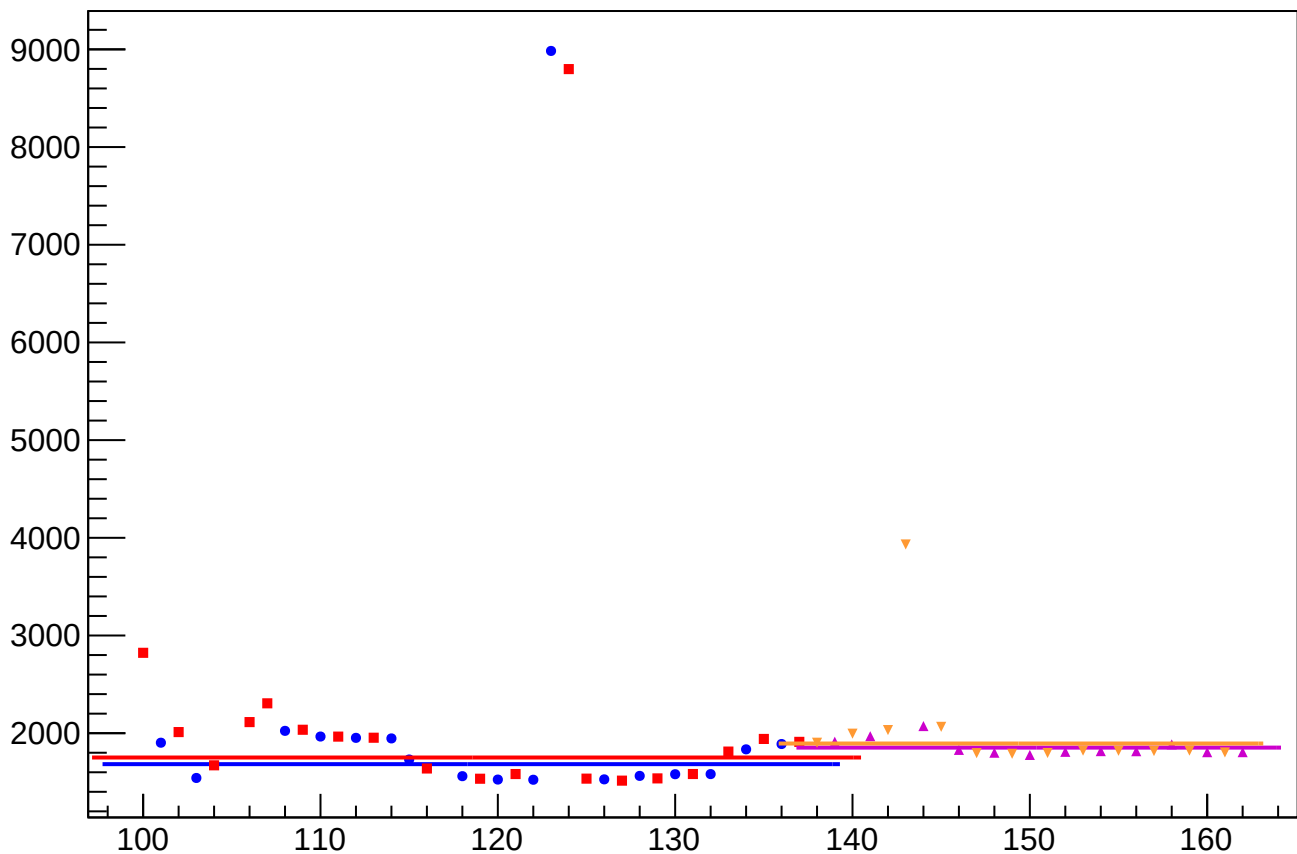
Right: -412.596 $\pm$ 470.731 χ^2/NDF : 38.4/35

In: -447.732 $\pm$ 440.732 χ^2/NDF : 17.8/28

Out: 53.414 $\pm$ 452.687 χ^2/NDF : 52.1/31

All: -203.864 $\pm$ 315.786 χ^2/NDF : 70.5/60

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1894.317+/-0.432 χ^2/NDF : 460461.1/12

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

Left In: 1852.434+/-0.419 χ^2/NDF : 36315.6/11

Left: 1872.739+/-0.301 χ^2/NDF : 501609.5/24

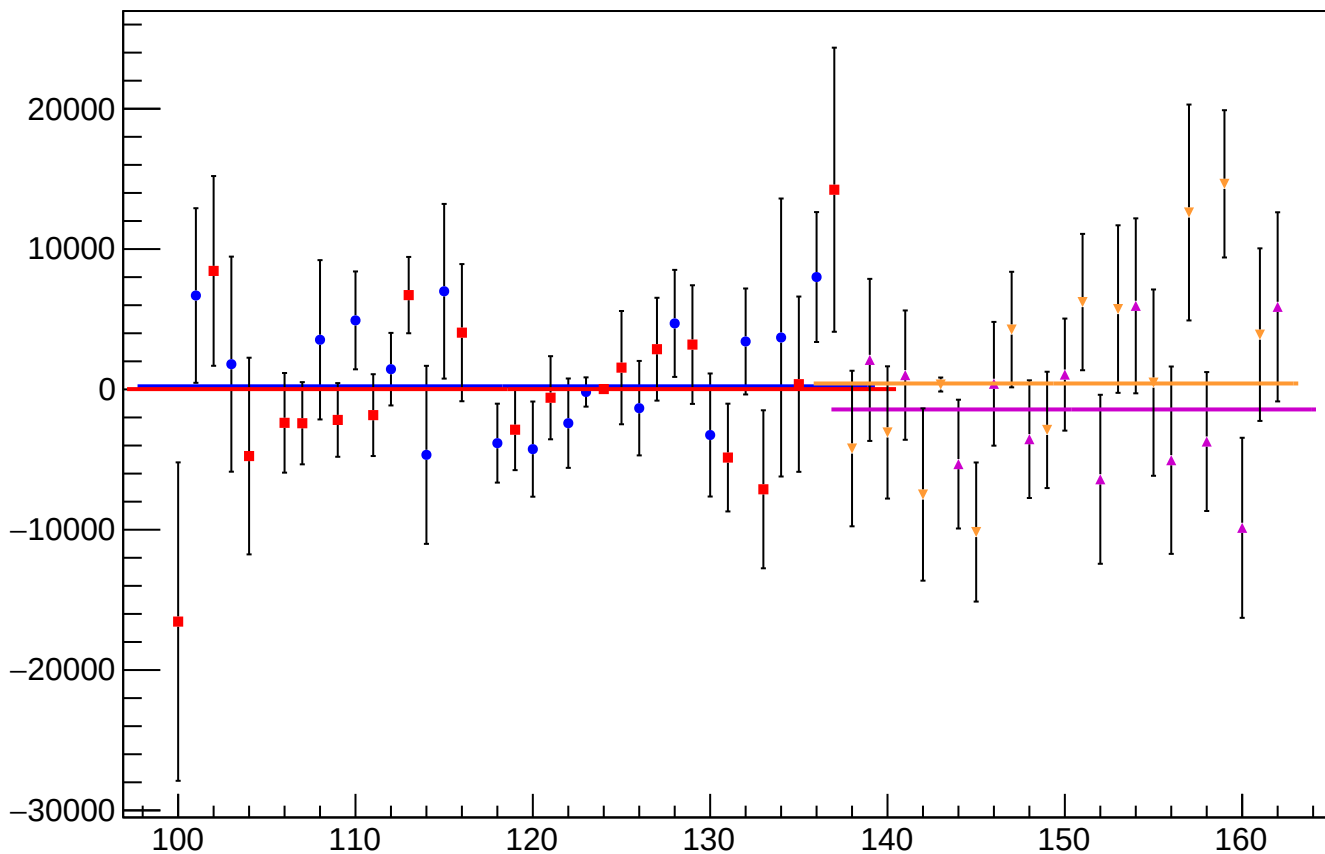
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1776.568+/-0.312 χ^2/NDF : 305165.1/28

Out: 1829.409+/-0.320 χ^2/NDF : 937245.8/31

All: 1802.308+/-0.223 χ^2/NDF : 1256415.3/60

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 421.371+/-474.245 χ^2/NDF : 21.4/12

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: -1429.064+/-1476.882 χ^2/NDF : 7.7/11

Left: 248.402+/-451.537 χ^2/NDF : 30.5/24

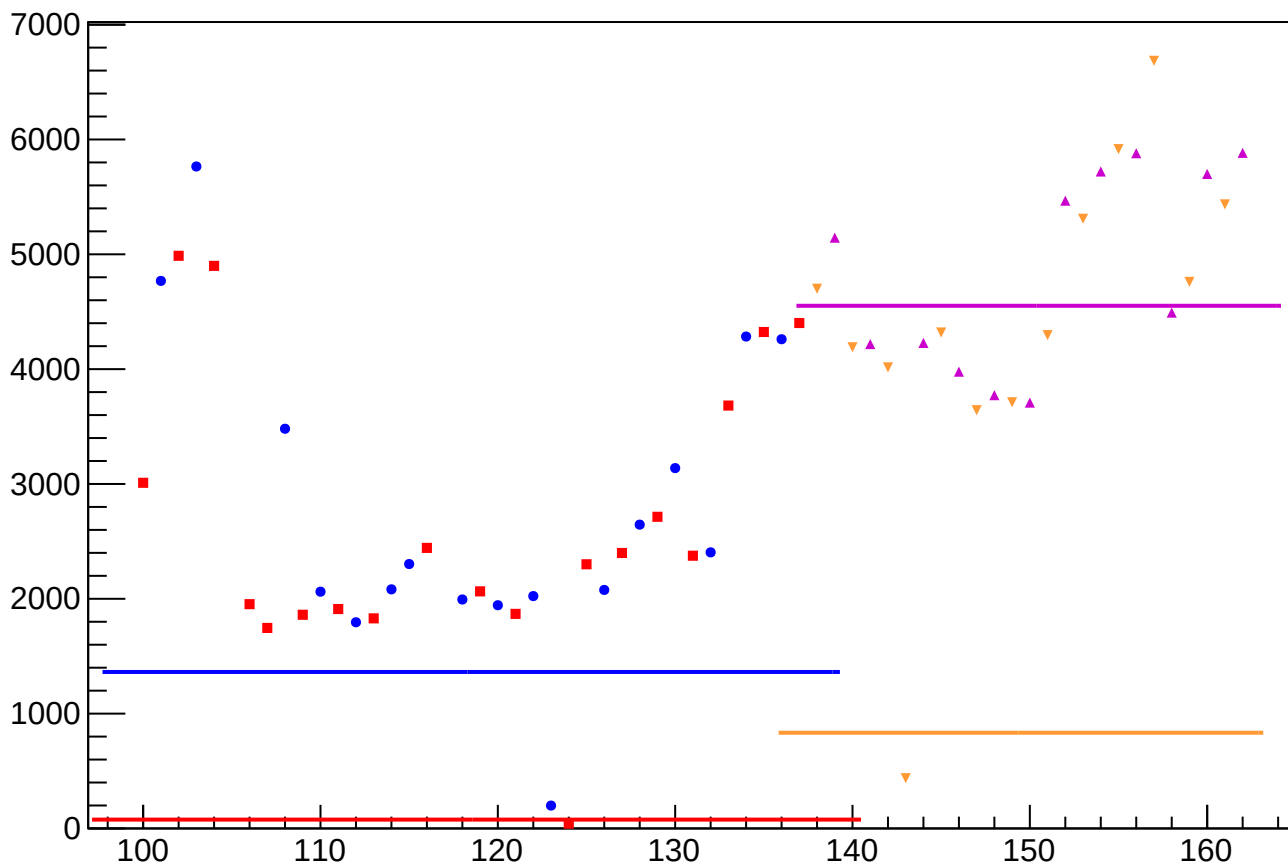
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: -97.475+/-647.852 χ^2/NDF : 24.5/28

Out: 42.226+/-110.962 χ^2/NDF : 42.8/31

All: 38.245+/-109.369 χ^2/NDF : 67.3/60

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 833.583 $\pm$ 0.335 χ^2 /NDF:13373889.1/12

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

Left In: 4551.717 $\pm$ 1.044 χ^2 /NDF:571707.6/11

Left: 1181.135 $\pm$ 0.319 χ^2 /NDF: 25436875.0/24

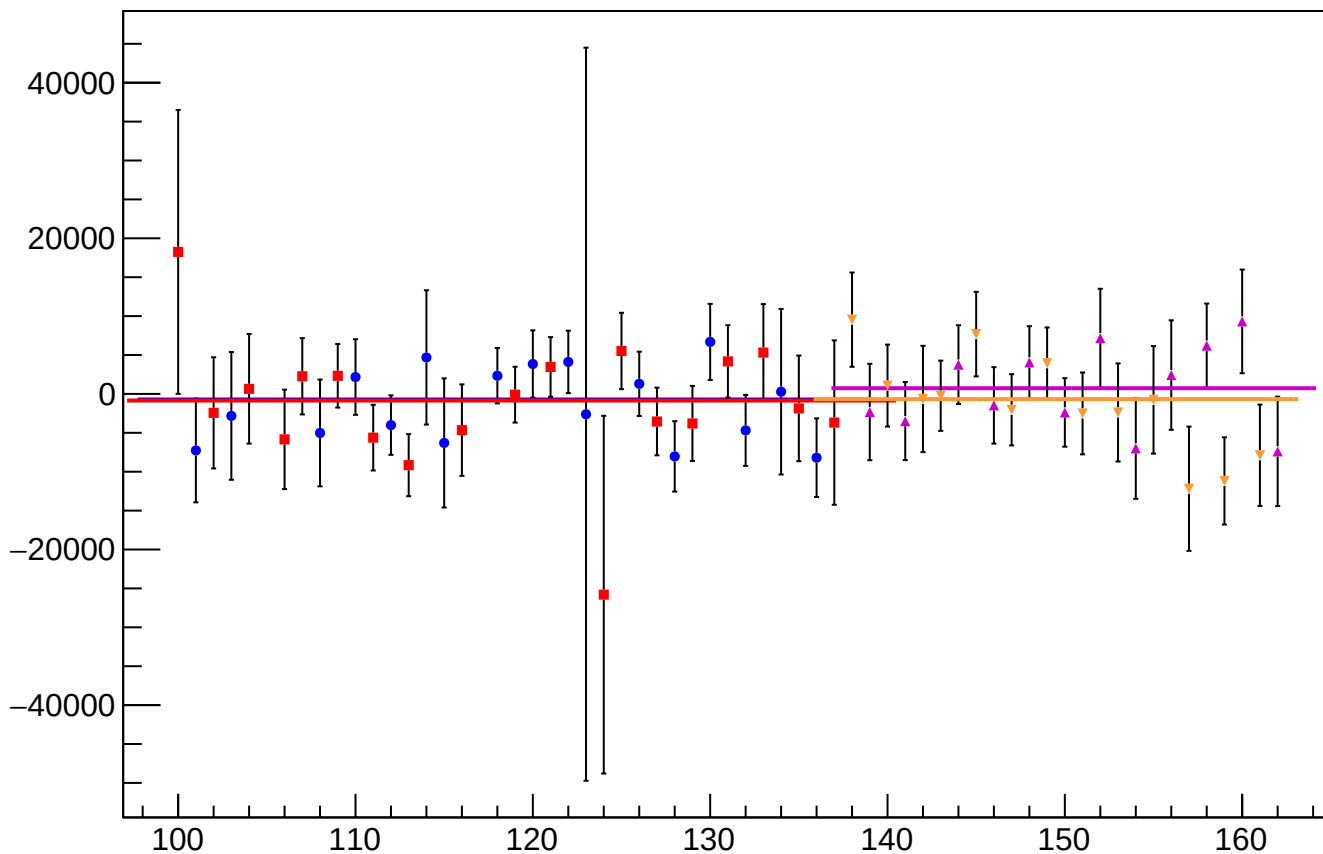
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1976.459 $\pm$ 0.458 χ^2 /NDF:14337583.0/28

Out: 118.540 $\pm$ 0.078 χ^2 /NDF:31431867.1/31

All: 171.490 $\pm$ 0.077 χ^2 /NDF: 61749379.2/60

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -666.651+/-1550.515 χ^2/NDF : 13.4/12

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

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

Left: 9.578+/-1113.987 χ^2/NDF : 22.9/24

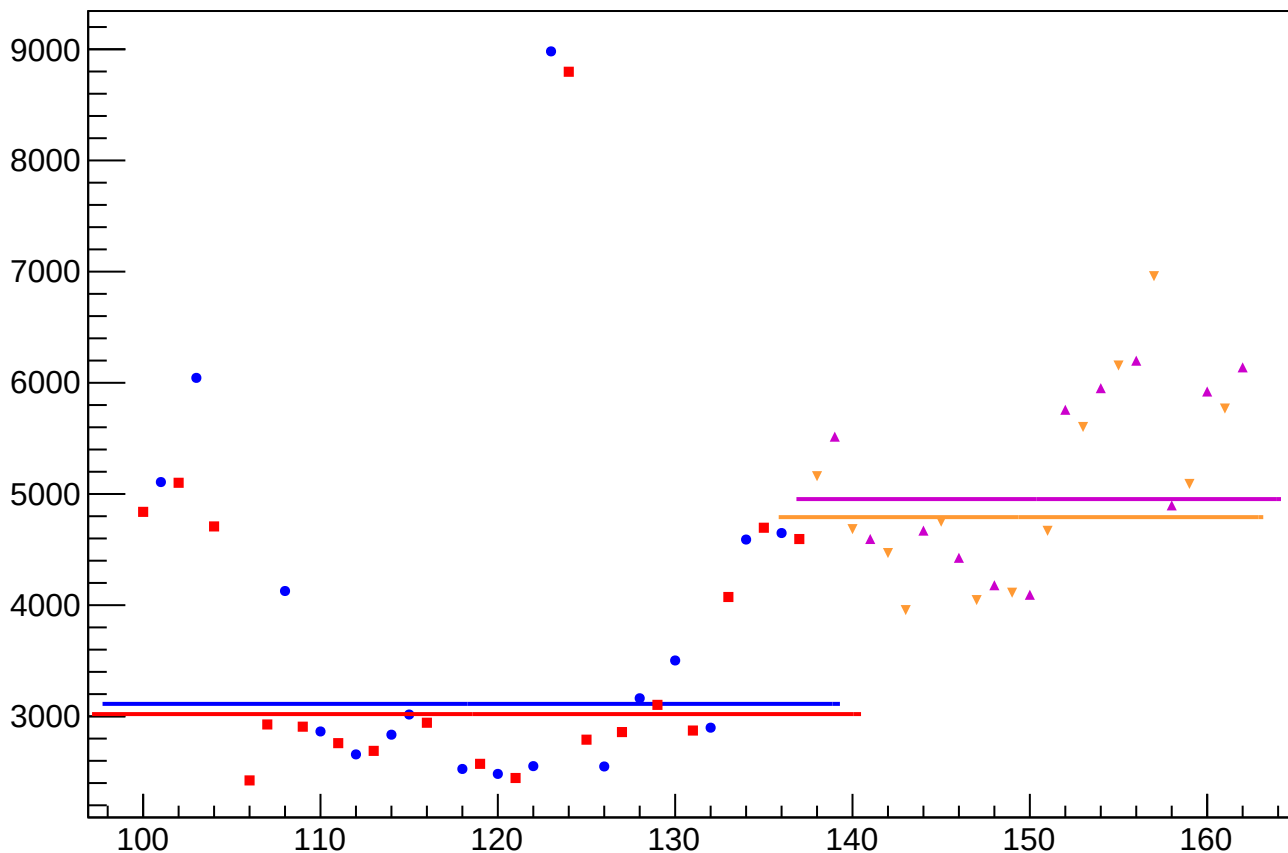
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -170.231+/-986.626 χ^2/NDF : 24.3/28

Out: -781.800+/-944.969 χ^2/NDF : 29.4/31

All: -489.199+/-682.445 χ^2/NDF : 54.0/60

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4791.802+/-1.096 χ^2/NDF : 488396.8/12

Right Out: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

Left In: 4954.165+/-1.132 χ^2/NDF : 429069.4/11

Left: 4870.355+/-0.788 χ^2/NDF : 928076.6/24

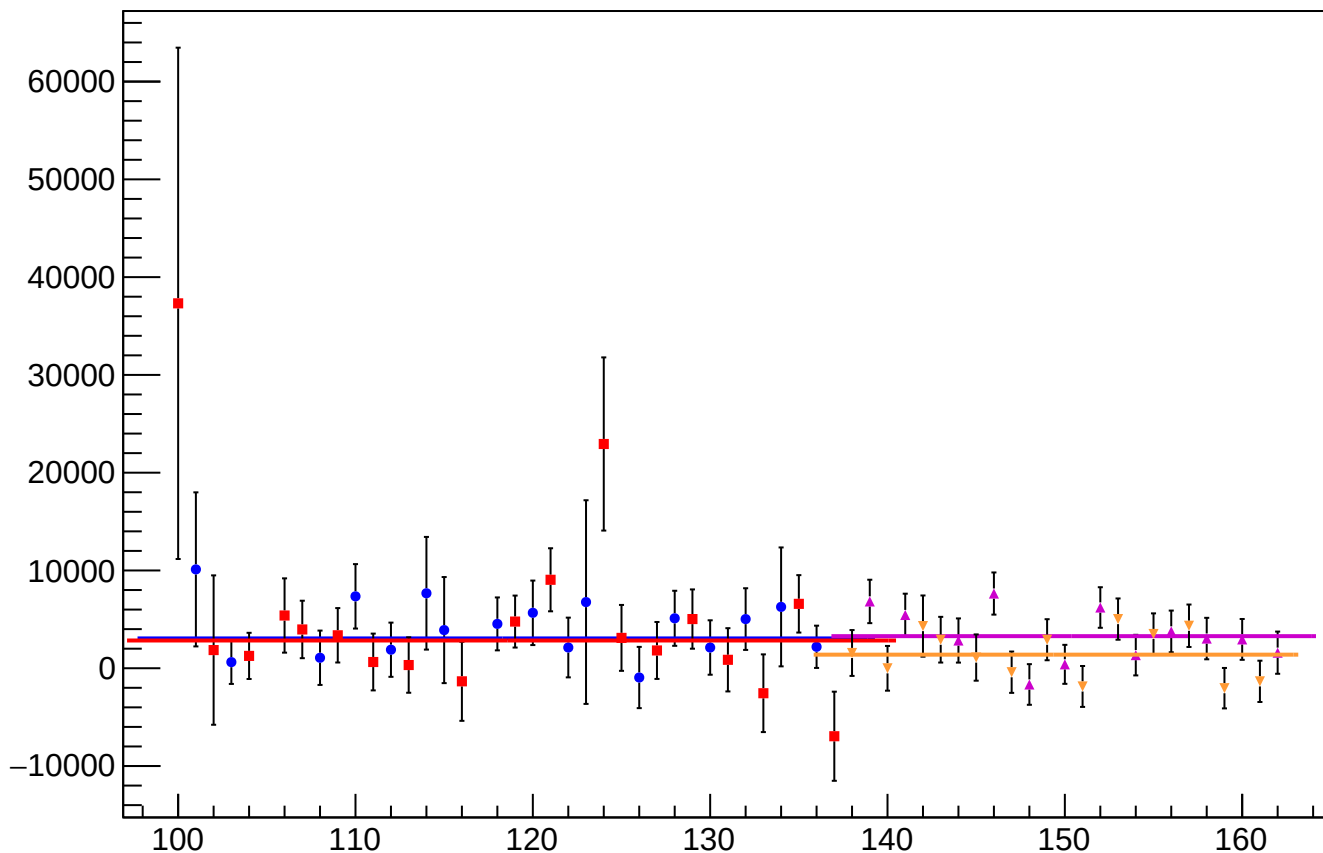
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3811.256+/-0.698 χ^2/NDF : 3029031.5/28

Out: 3667.992+/-0.663 χ^2/NDF : 2938755.2/31

All: 3735.969+/-0.481 χ^2/NDF : 5989947.2/60

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1389.258+/-615.904 χ^2/NDF :15.6/12

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 3282.671+/-613.253 χ^2/NDF :19.0/11

Left: 2340.049+/-434.570 χ^2/NDF : 39.3/24

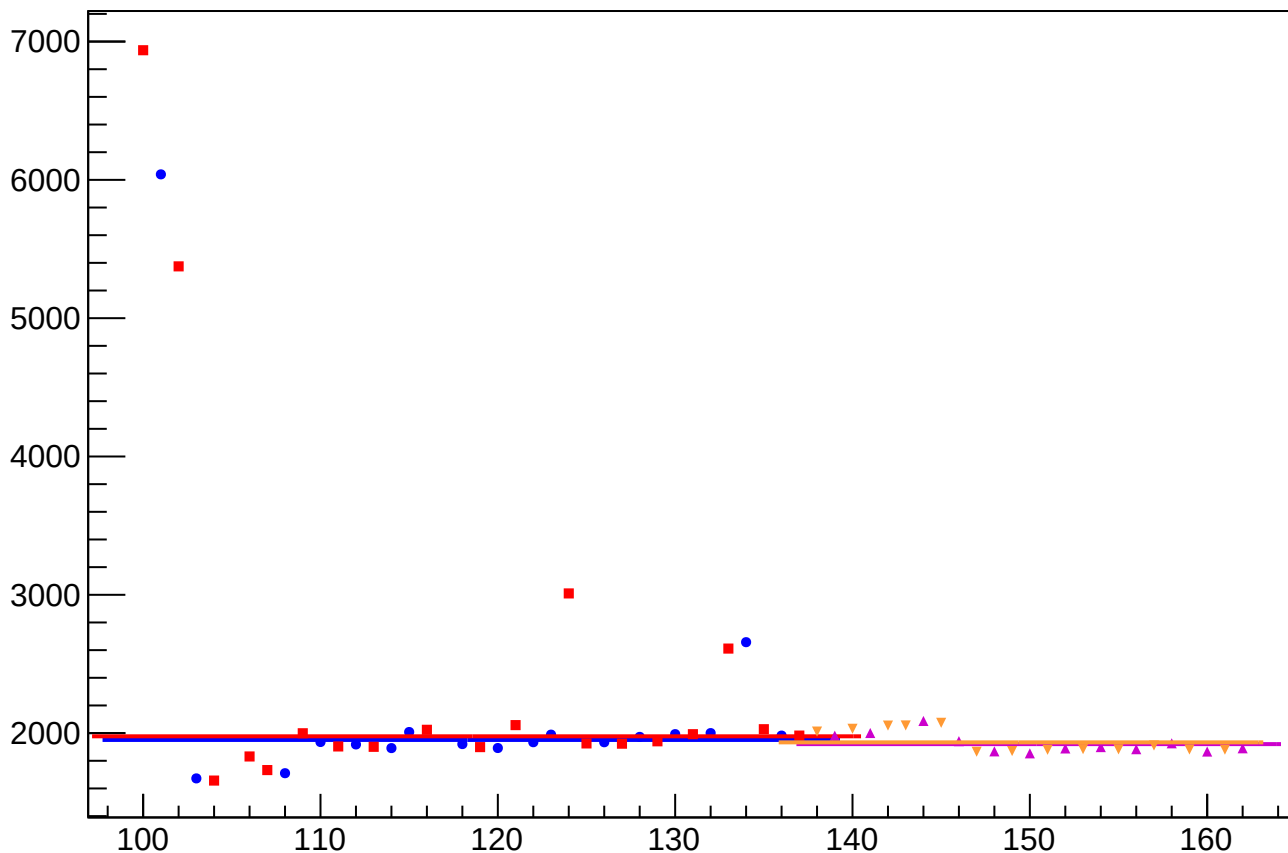
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3192.345+/-480.263 χ^2/NDF :28.3/28

Out: 1958.498+/-479.962 χ^2/NDF :41.6/31

All: 2575.034+/-339.491 χ^2/NDF : 73.2/60

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1933.267 $\pm$ 0.436 χ^2 /NDF: 31607.9/12

Right Out: 1976.980 $\pm$ 0.541 χ^2 /NDF: 607706.4/18

Left In: 1920.544 $\pm$ 0.434 χ^2 /NDF: 21920.1/11

Left: 1926.878 $\pm$ 0.307 χ^2 /NDF: 53956.6/24

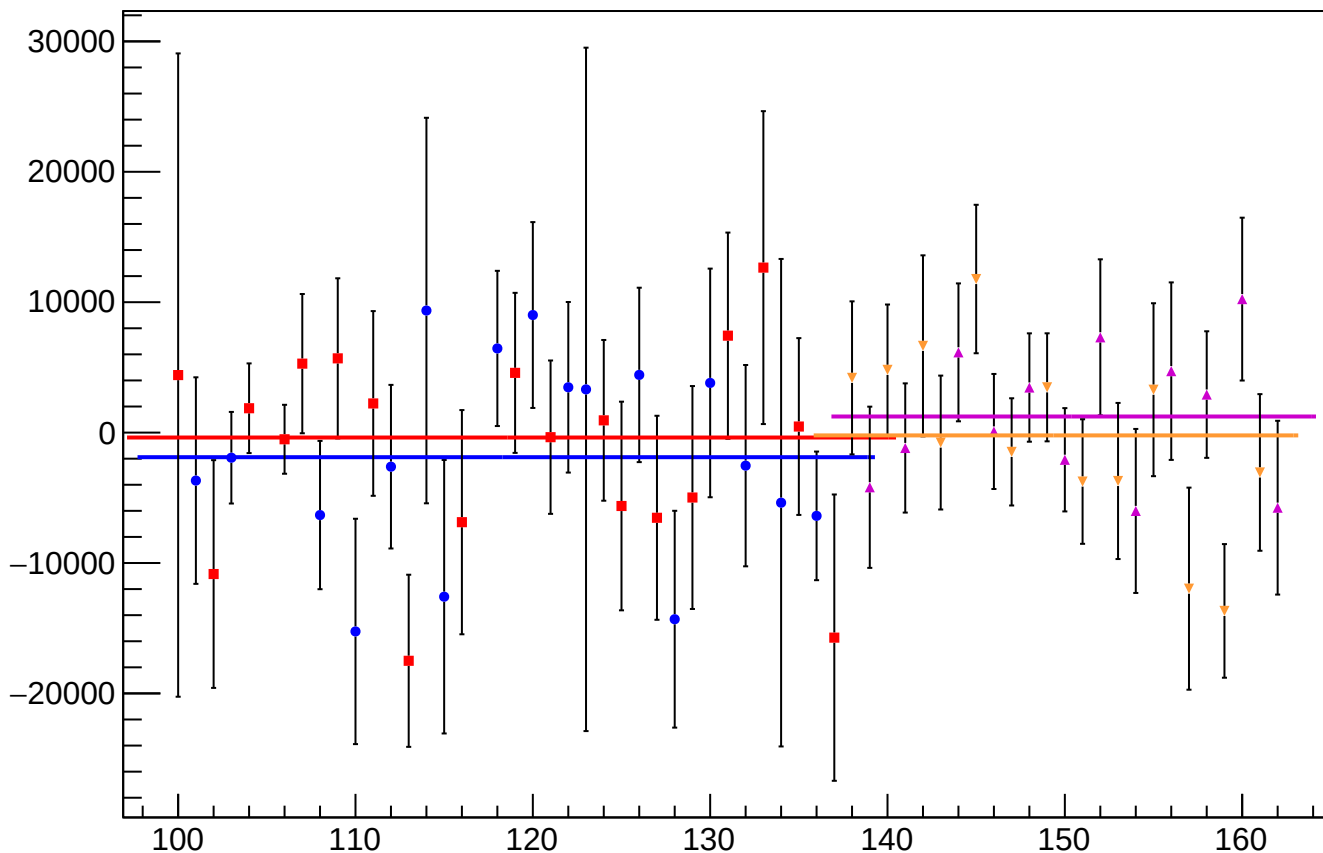
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1932.202 $\pm$ 0.340 χ^2 /NDF: 638954.5/28

Out: 1950.447 $\pm$ 0.339 χ^2 /NDF: 643273.7/31

All: 1941.332 $\pm$ 0.240 χ^2 /NDF: 1283672.6/60

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -214.757 $\pm$ 1485.935 χ^2 /NDF:18.5/12

Right Out: -376.861 $\pm$ 1359.615 χ^2 /NDF: 17.6/18

Left In: 1234.760 $\pm$ 1505.570 χ^2 /NDF:8.8/11

Left: 500.487 $\pm$ 1057.588 χ^2 /NDF: 27.8/24

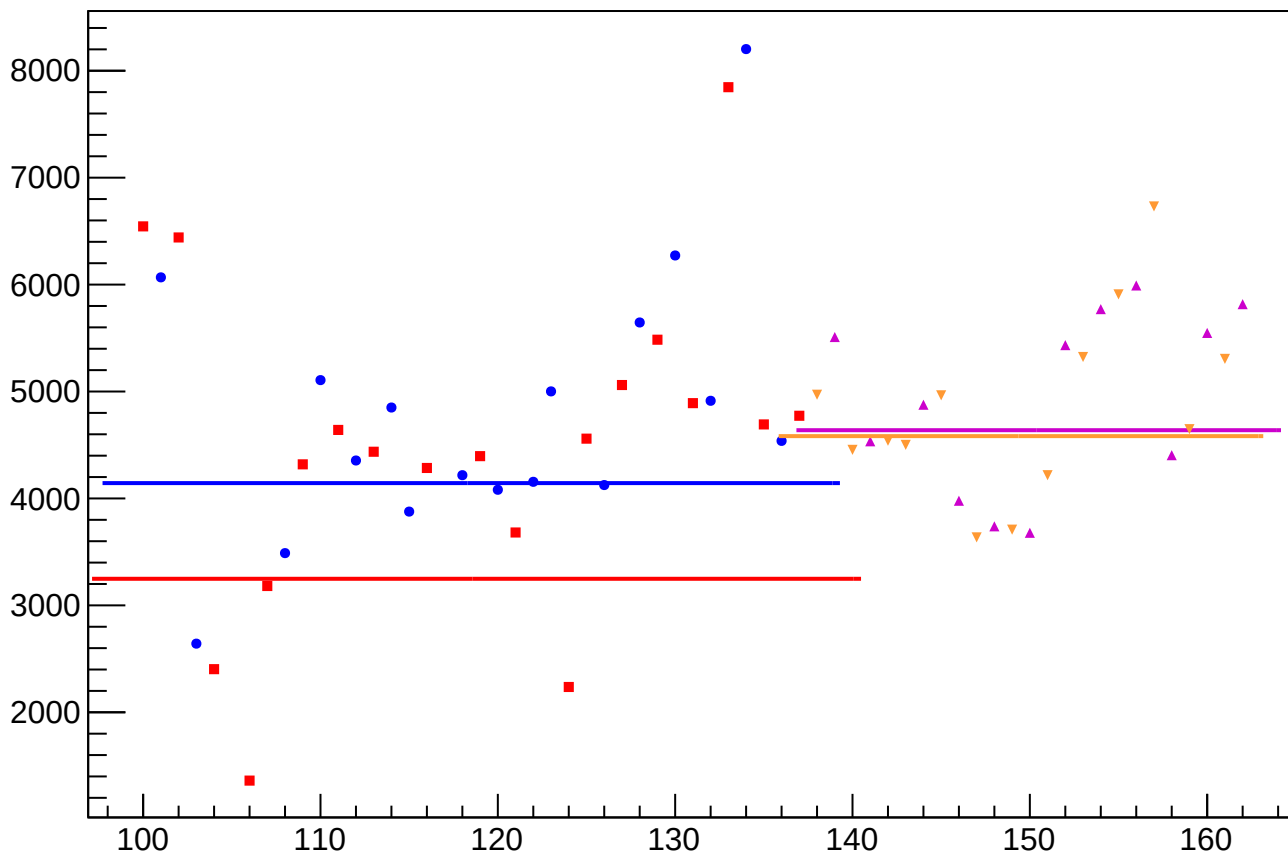
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: -175.297 $\pm$ 1114.595 χ^2 /NDF:24.9/28

Out: -302.991 $\pm$ 1003.083 χ^2 /NDF:36.1/31

All: -245.850 $\pm$ 745.603 χ^2 /NDF: 61.0/60

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4582.751+/-1.051 χ^2/NDF : 520178.4/12

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4638.263+/-1.065 χ^2/NDF : 589361.7/11

Left: 4610.143+/-0.748 χ^2/NDF : 1110917.4/24

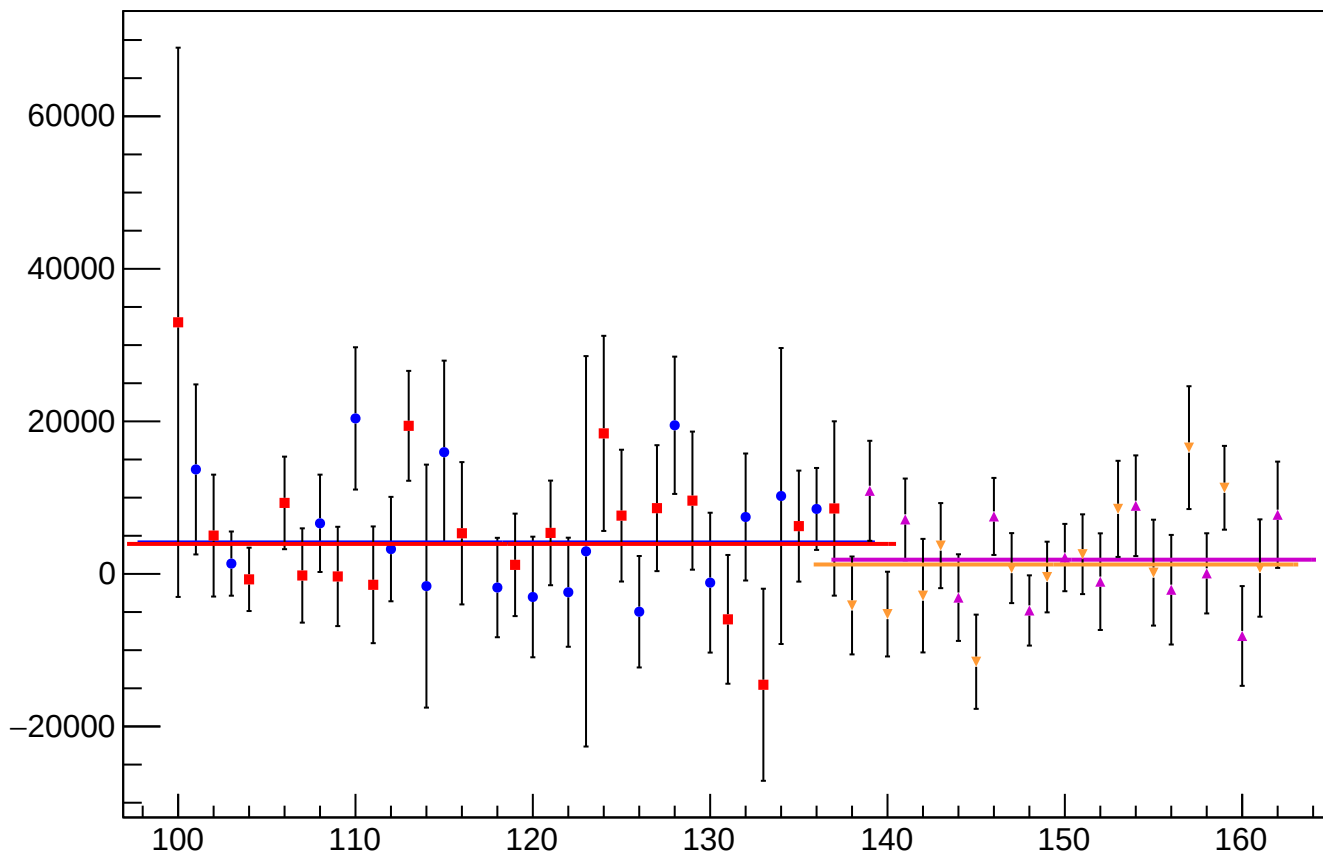
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4414.653+/-0.788 χ^2/NDF : 1542953.9/28

Out: 3856.585+/-0.709 χ^2/NDF : 4015479.8/31

All: 4106.314+/-0.527 χ^2/NDF : 5835453.9/60

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: 1235.485+/-1616.398 χ^2/NDF : 15.4/12

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

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

Left: 1546.457+/-1149.359 χ^2/NDF : 27.3/24

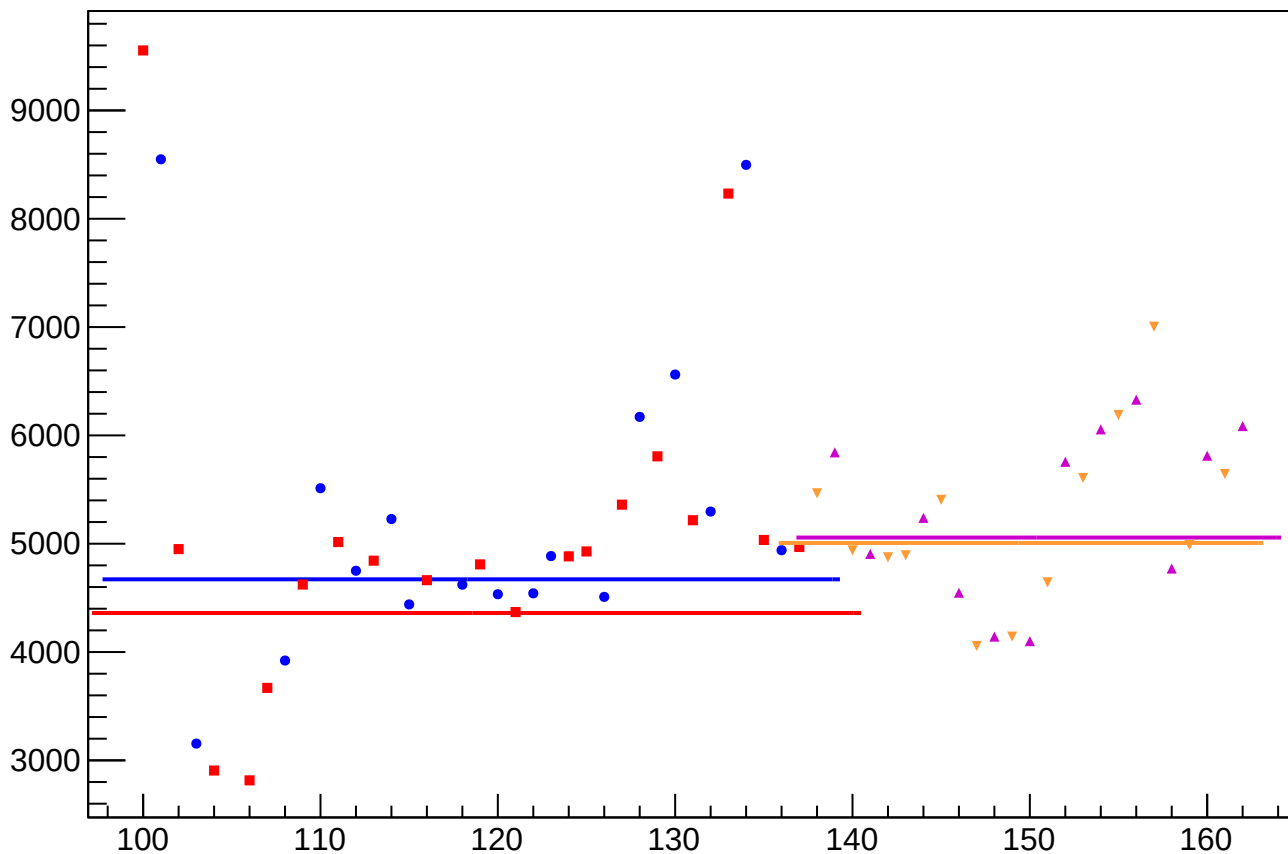
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 2848.447+/-1228.730 χ^2/NDF : 26.3/28

Out: 2496.436+/-1179.652 χ^2/NDF : 31.6/31

All: 2665.271+/-850.961 χ^2/NDF : 57.9/60

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5007.057 $\pm$ 1.143 χ^2 /NDF: 404396.7/12

Right Out: 4360.531 $\pm$ 1.213 χ^2 /NDF: 834123.3/18

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

Left: 5031.730 $\pm$ 0.813 χ^2 /NDF: 840036.7/24

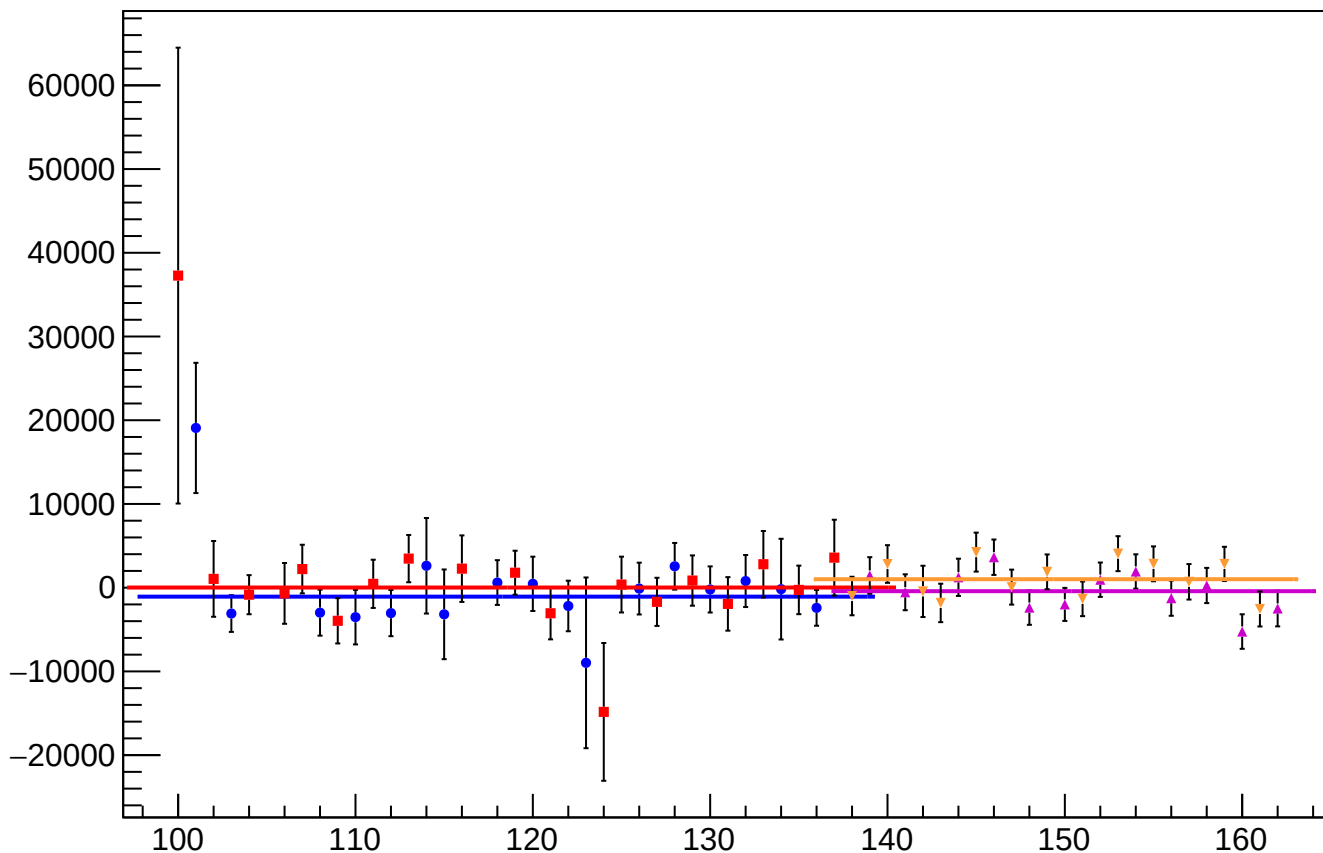
Right: 4503.135 $\pm$ 0.892 χ^2 /NDF: 1650353.3/35

In: 4889.220 $\pm$ 0.869 χ^2 /NDF: 1269228.9/28

Out: 4703.013 $\pm$ 0.832 χ^2 /NDF: 1388991.9/31

All: 4792.071 $\pm$ 0.601 χ^2 /NDF: 2682184.3/60

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254+/-762.970 χ^2/NDF : 13.7/16

Left Out: 1010.621+/-607.058 χ^2/NDF : 13.4/12

Right Out: 19.222+/-747.810 χ^2/NDF : 13.3/18

Left In: -418.855+/-605.294 χ^2/NDF : 15.0/11

Left: 293.803+/-428.630 χ^2/NDF : 31.1/24

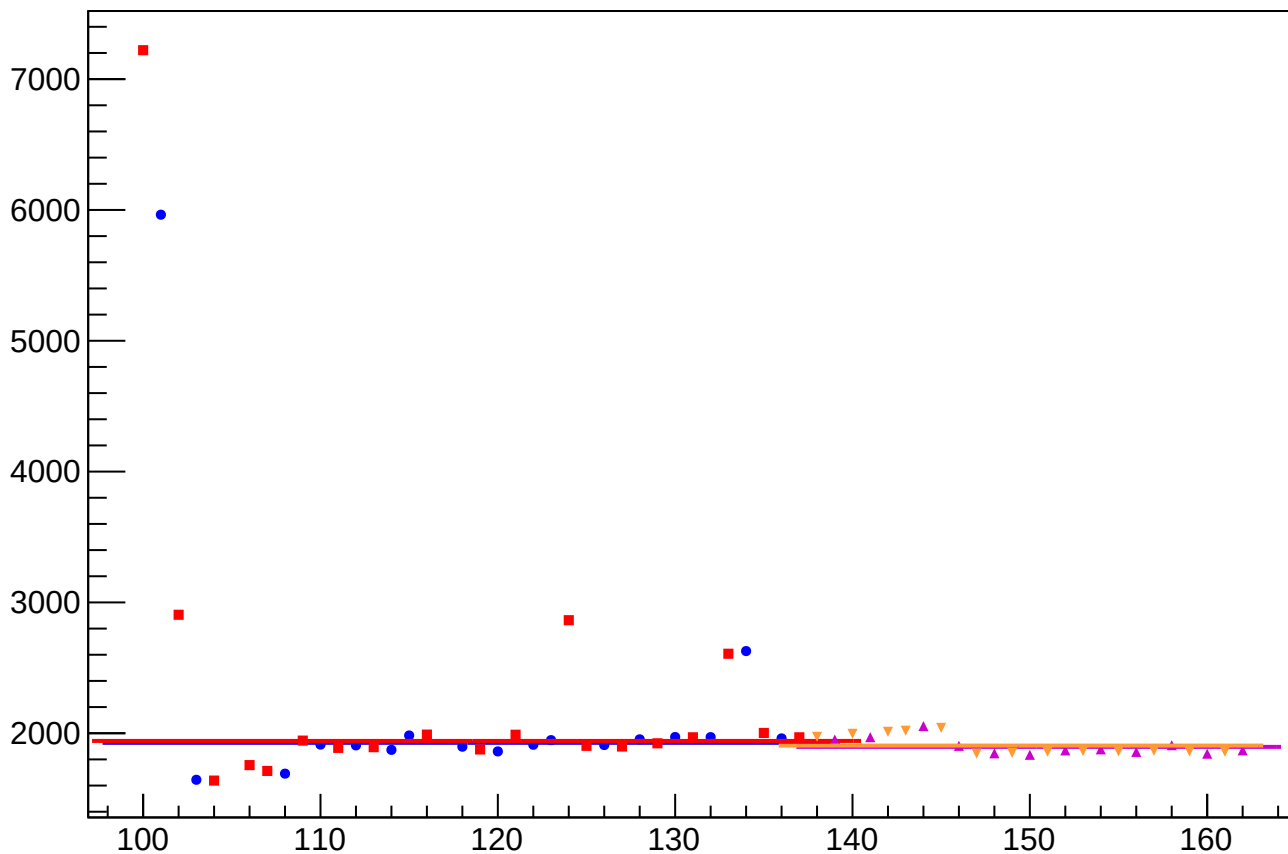
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -670.858+/-474.192 χ^2/NDF : 29.1/28

Out: 616.815+/-471.312 χ^2/NDF : 27.8/31

All: -23.099+/-334.281 χ^2/NDF : 60.6/60

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1905.777+/-0.429 χ^2/NDF : 27464.8/12

Right Out: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

Left In: 1895.807+/-0.428 χ^2/NDF : 19786.0/11

Left: 1900.778+/-0.303 χ^2/NDF : 47521.3/24

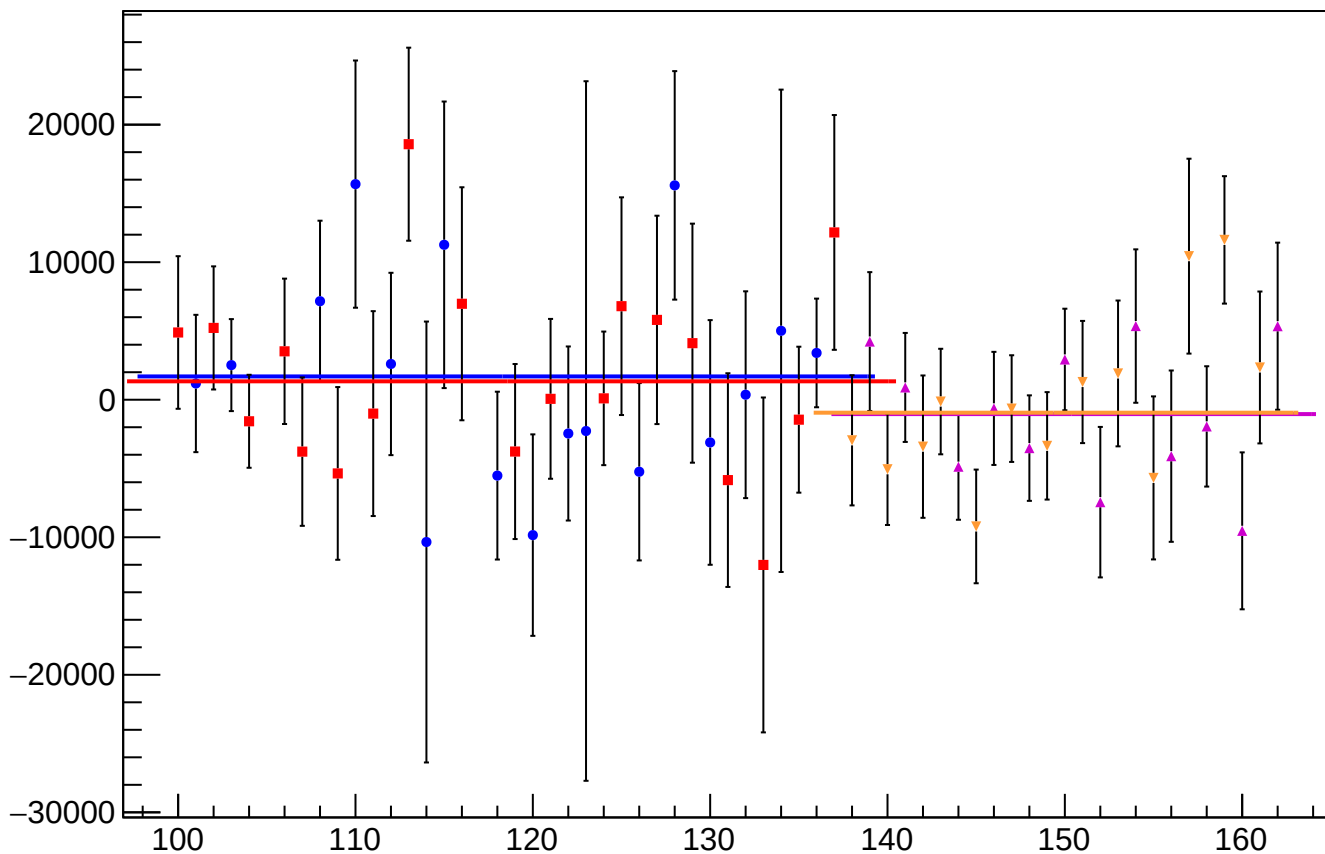
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1907.813+/-0.335 χ^2/NDF : 638939.5/28

Out: 1919.885+/-0.333 χ^2/NDF : 334548.9/31

All: 1913.888+/-0.236 χ^2/NDF : 974140.6/60

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -942.412+/-1274.728 χ^2/NDF : 17.3/12

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

Left In: -1044.342+/-1322.227 χ^2/NDF : 10.2/11

Left: -991.513+/-917.702 χ^2/NDF : 27.5/24

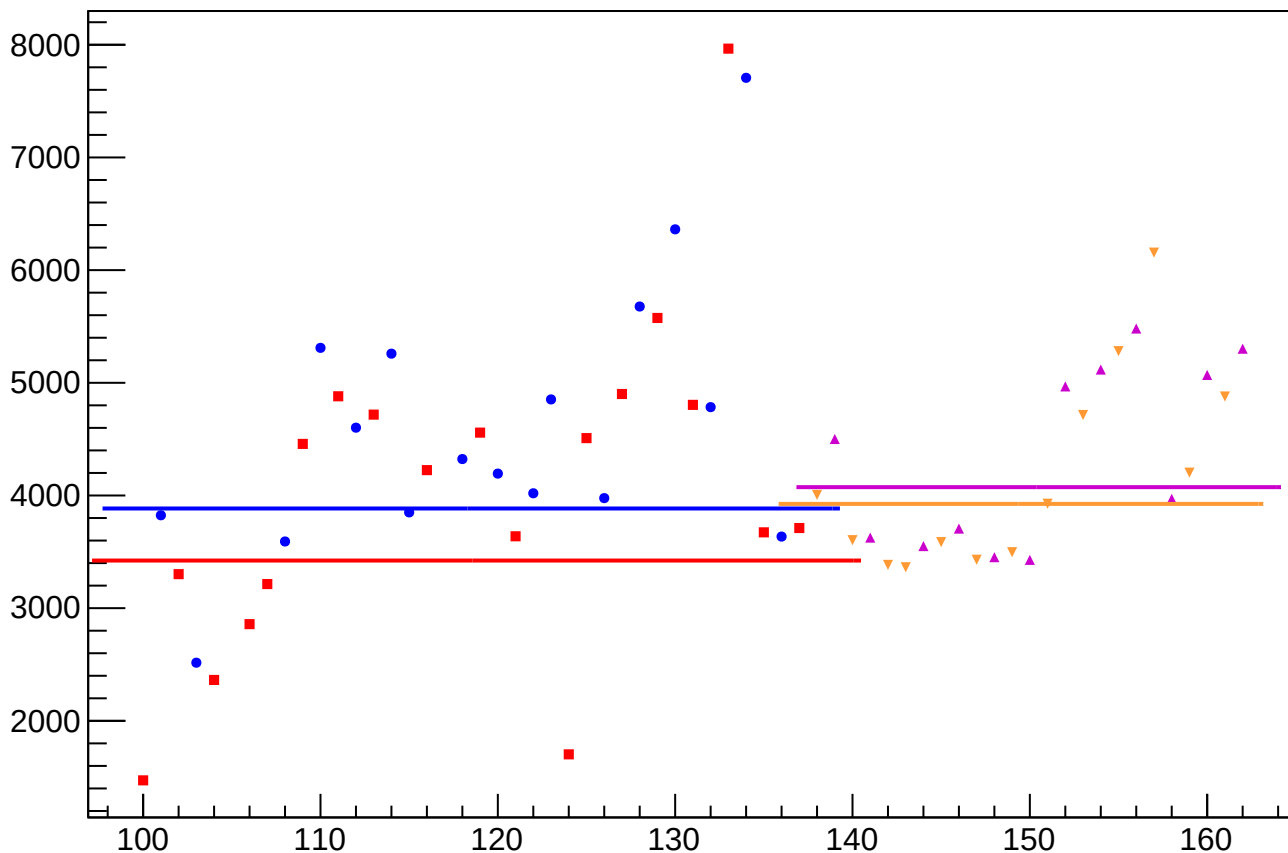
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 107.345+/-1006.472 χ^2/NDF : 25.6/28

Out: 116.657+/-932.919 χ^2/NDF : 35.1/31

All: 112.354+/-684.200 χ^2/NDF : 60.7/60

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3925.359+/-0.901 χ^2/NDF : 562172.5/12

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 4073.936+/-0.935 χ^2/NDF : 575707.7/11

Left: 3996.931+/-0.649 χ^2/NDF : 1150968.5/24

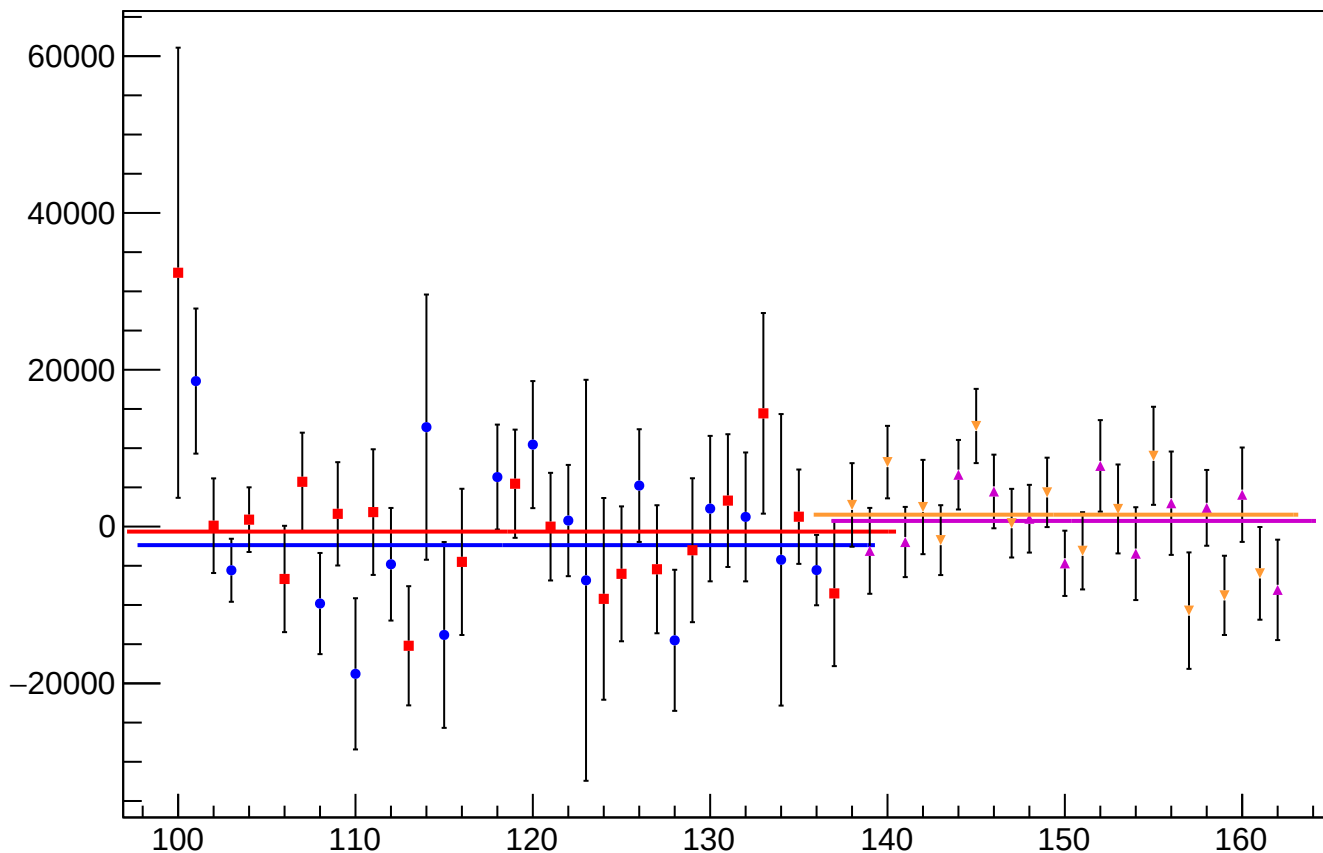
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3994.305+/-0.712 χ^2/NDF : 1419518.9/28

Out: 3691.899+/-0.660 χ^2/NDF : 2296928.0/31

All: 3831.650+/-0.484 χ^2/NDF : 3813562.2/60

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 ± 1801.942 χ^2/NDF : 20.1/16

Left Out: 1517.345 ± 1426.239 χ^2/NDF : 19.7/12

Right Out: -640.916 ± 1690.165 χ^2/NDF : 11.8/18

Left In: 719.576 ± 1464.273 χ^2/NDF : 9.3/11

Left: 1128.956 ± 1021.685 χ^2/NDF : 29.2/24

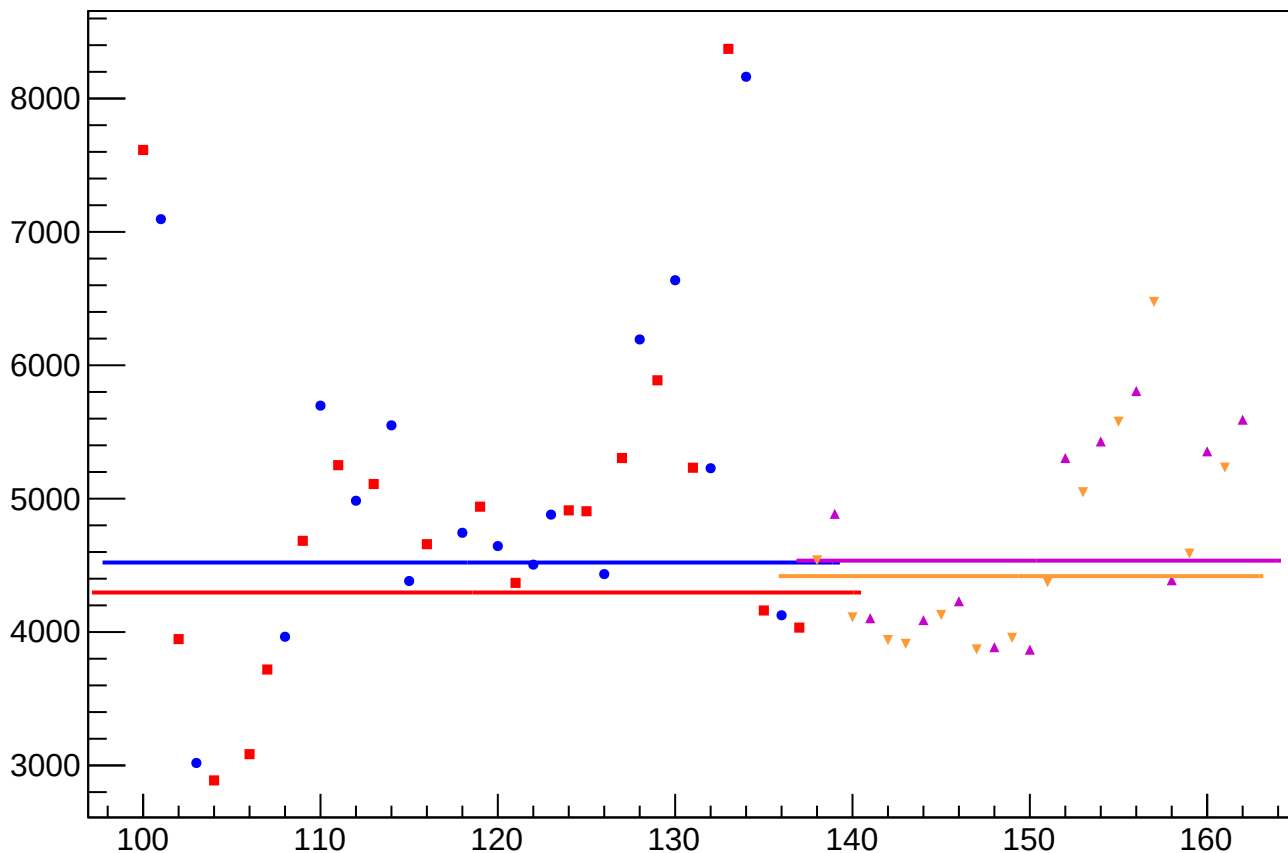
Right: -1449.011 ± 1232.750 χ^2/NDF : 32.4/35

In: -508.199 ± 1136.383 χ^2/NDF : 31.2/28

Out: 619.694 ± 1090.011 χ^2/NDF : 32.5/31

All: 79.230 ± 786.637 χ^2/NDF : 64.2/60

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 ± 1.274 $\chi^2/\text{NDF}: 778675.0/16$

Left Out: 4419.289 ± 1.009 $\chi^2/\text{NDF}: 396076.7/12$

Right Out: 4296.482 ± 1.189 $\chi^2/\text{NDF}: 773210.4/18$

Left In: 4535.238 ± 1.035 $\chi^2/\text{NDF}: 400154.1/11$

Left: 4475.738 ± 0.722 $\chi^2/\text{NDF}: 802666.1/24$

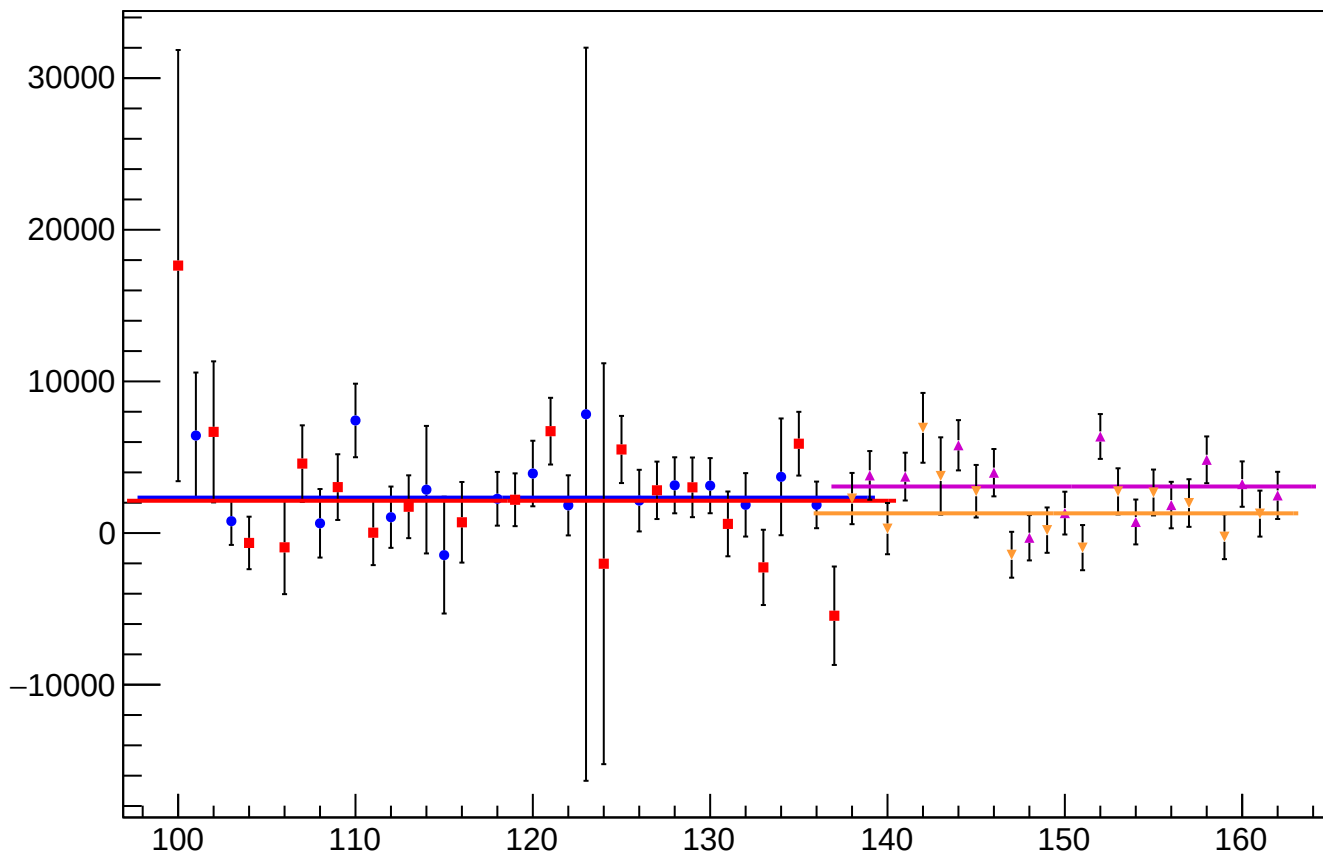
Right: 4401.047 ± 0.869 $\chi^2/\text{NDF}: 1568522.7/35$

In: 4529.667 ± 0.804 $\chi^2/\text{NDF}: 1178901.9/28$

Out: 4367.880 ± 0.769 $\chi^2/\text{NDF}: 1175494.5/31$

All: 4445.218 ± 0.556 $\chi^2/\text{NDF}: 2375556.5/60$

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1299.934 $\pm$ 452.822 χ^2 /NDF:17.5/12

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

Left In: 3070.107 $\pm$ 441.310 χ^2 /NDF:19.6/11

Left: 2207.807 $\pm$ 316.045 χ^2 /NDF: 44.9/24

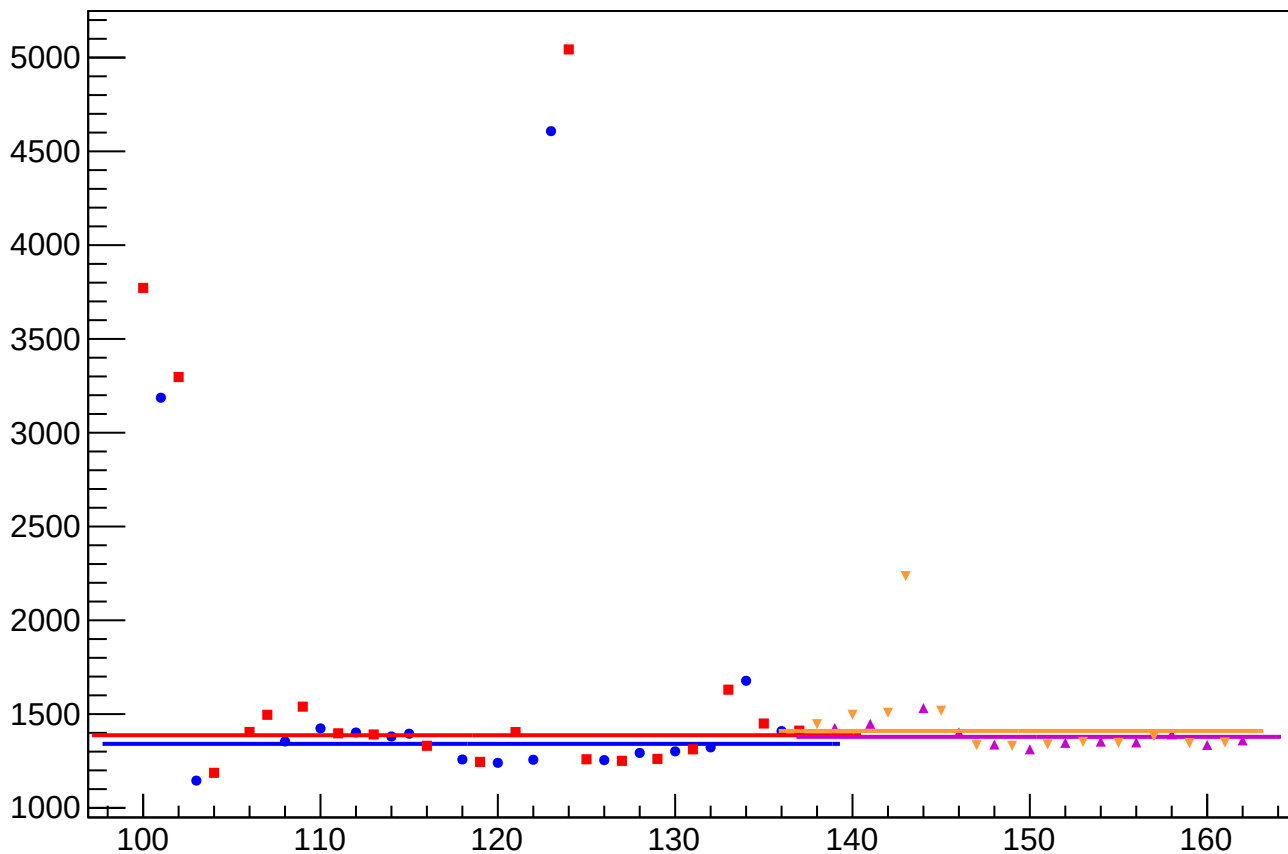
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2770.686 $\pm$ 339.432 χ^2 /NDF:30.4/28

Out: 1642.993 $\pm$ 346.768 χ^2 /NDF:46.4/31

All: 2218.893 $\pm$ 242.567 χ^2 /NDF: 82.2/60

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 ± 0.376 $\chi^2/\text{NDF}: 504272.1/16$

Left Out: 1410.336 ± 0.320 $\chi^2/\text{NDF}: 257050.7/12$

Right Out: 1387.348 ± 0.381 $\chi^2/\text{NDF}: 650193.3/18$

Left In: 1378.731 ± 0.312 $\chi^2/\text{NDF}: 33478.4/11$

Left: 1394.127 ± 0.223 $\chi^2/\text{NDF}: 295526.0/24$

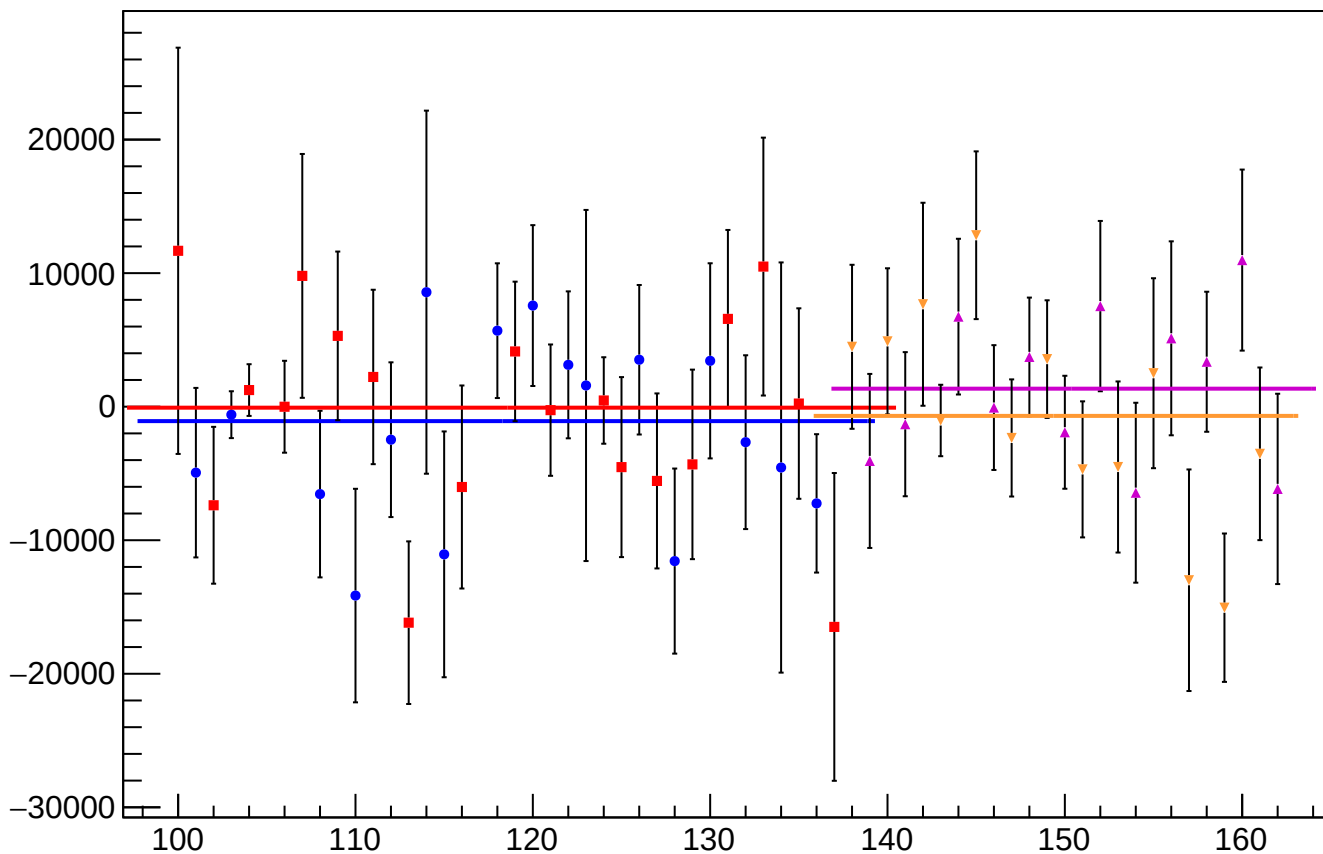
Right: 1364.024 ± 0.268 $\chi^2/\text{NDF}: 1161848.1/35$

In: 1363.474 ± 0.240 $\chi^2/\text{NDF}: 543603.7/28$

Out: 1400.824 ± 0.245 $\chi^2/\text{NDF}: 909376.9/31$

All: 1381.753 ± 0.172 $\chi^2/\text{NDF}: 1464832.3/60$

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -689.651+/-1414.973 χ^2/NDF : 18.9/12

Right Out: -74.089+/-1126.219 χ^2/NDF : 18.6/18

Left In: 1348.697+/-1615.677 χ^2/NDF : 8.6/11

Left: 195.123+/-1064.466 χ^2/NDF : 28.4/24

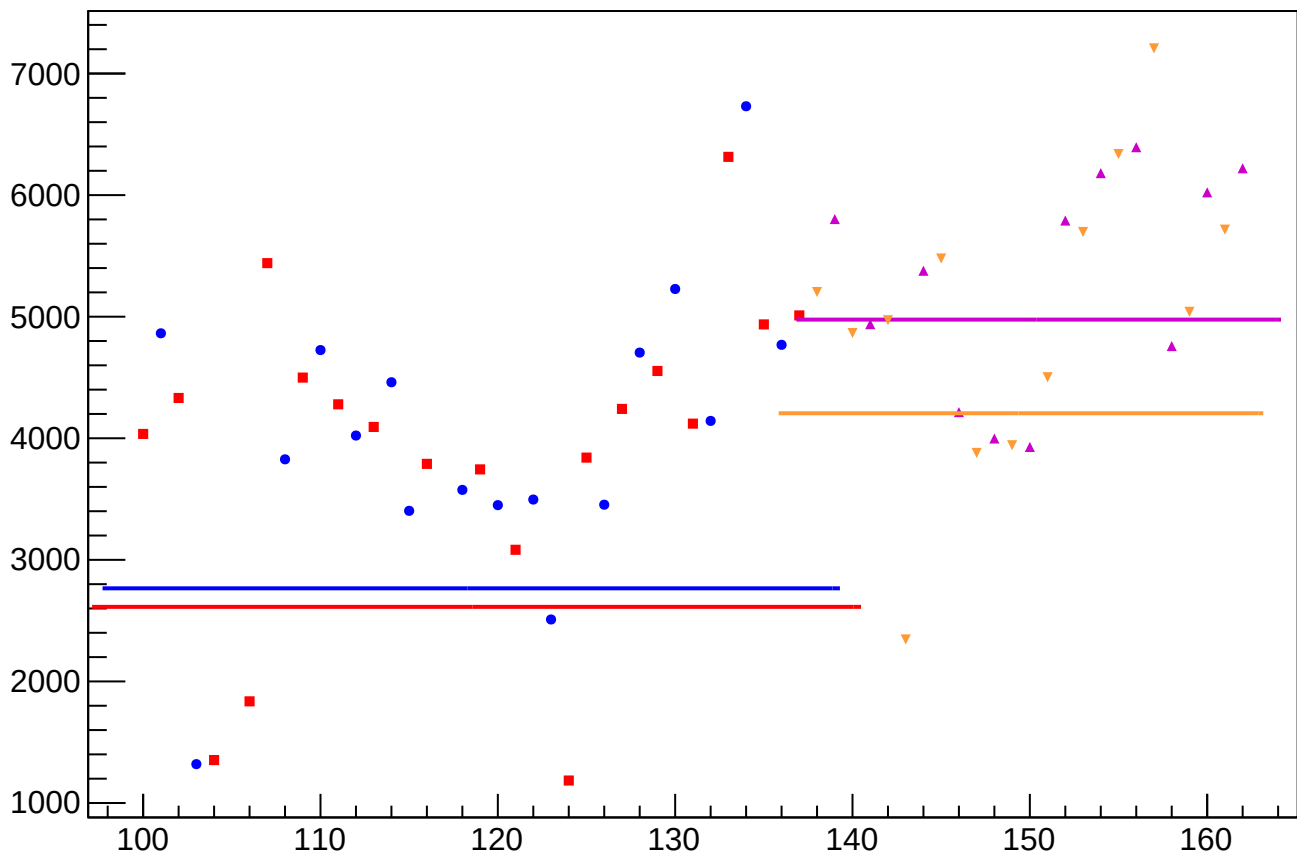
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -205.757+/-969.726 χ^2/NDF : 25.0/28

Out: -312.816+/-881.176 χ^2/NDF : 37.7/31

All: -264.397+/-652.149 χ^2/NDF : 62.7/60

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4205.742 $\pm$ 1.001 χ^2 /NDF: 1881194.2/12

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

Left In: 4975.963 $\pm$ 1.142 χ^2 /NDF: 599530.6/11

Left: 4540.068 $\pm$ 0.753 χ^2 /NDF: 2737953.2/24

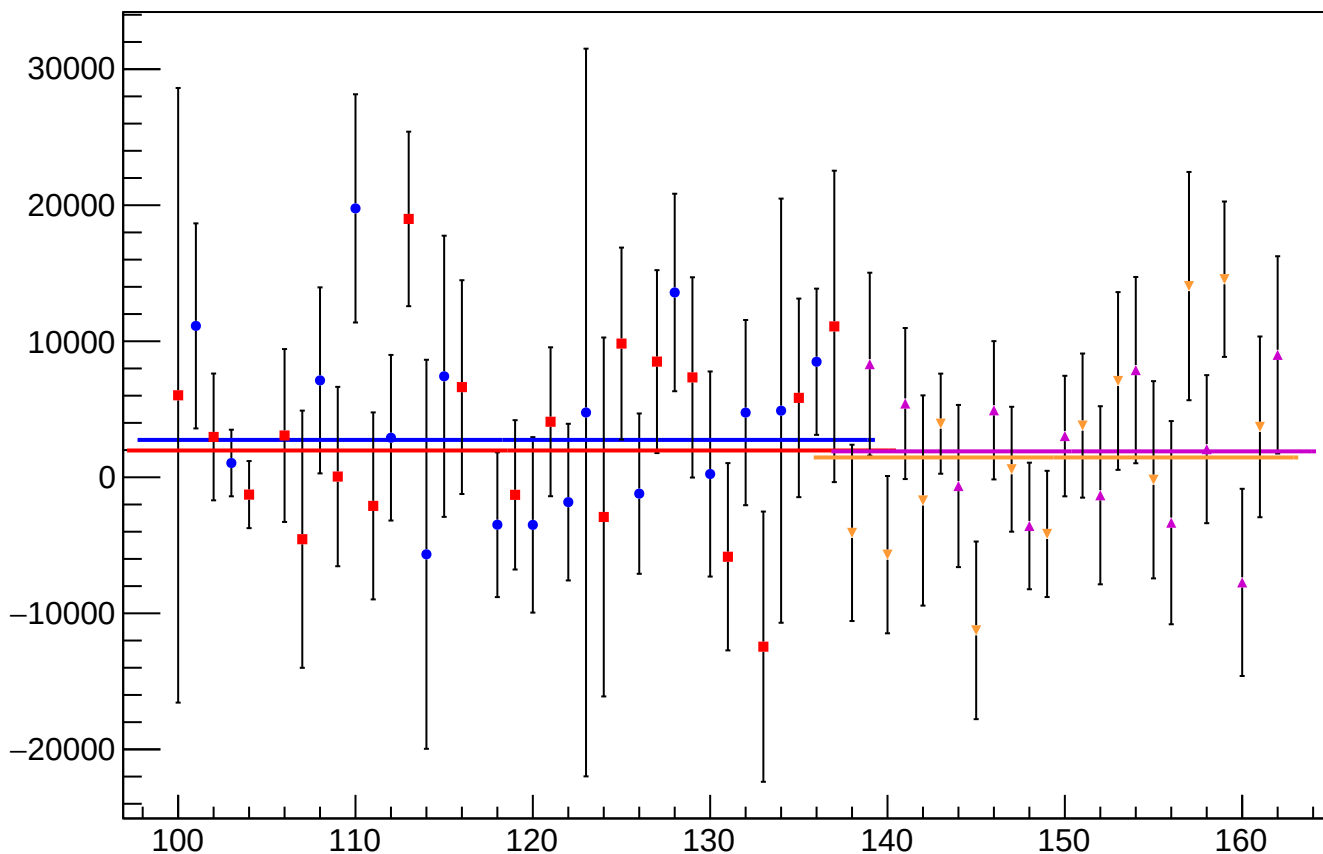
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3561.943 $\pm$ 0.686 χ^2 /NDF: 5933106.9/28

Out: 3230.921 $\pm$ 0.623 χ^2 /NDF: 6771727.6/31

All: 3380.632 $\pm$ 0.461 χ^2 /NDF: 12832482.7/6

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280 $\pm$ 1446.638 χ^2 /NDF: 13.8/16

Left Out: 1457.928 $\pm$ 1566.866 χ^2 /NDF:16.8/12

Right Out: 1971.156 $\pm$ 1381.709 χ^2 /NDF: 17.8/18

Left In: 1906.298 $\pm$ 1678.127 χ^2 /NDF:7.7/11

Left: 1666.758 $\pm$ 1145.256 χ^2 /NDF: 24.5/24

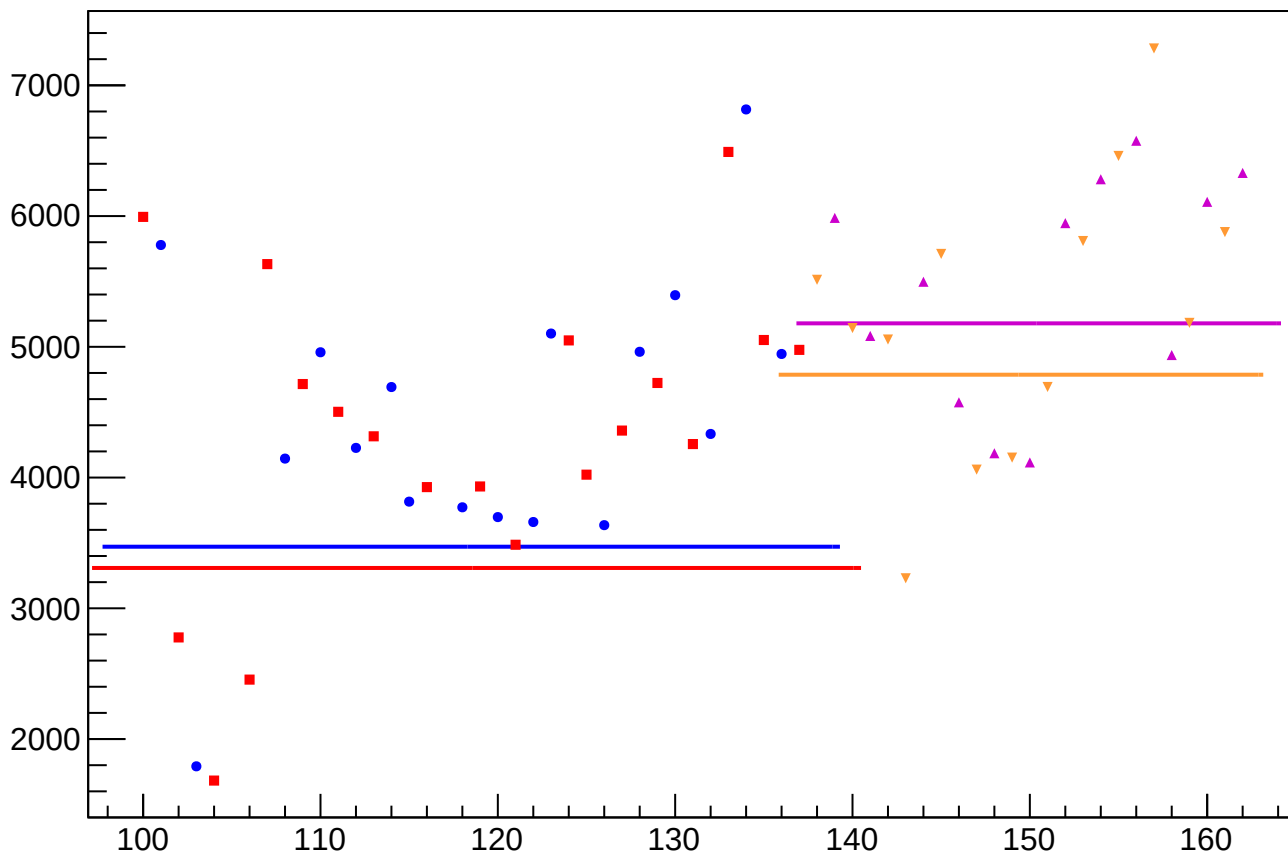
Right: 2341.887 $\pm$ 999.181 χ^2 /NDF: 31.7/35

In: 2389.324 $\pm$ 1095.706 χ^2 /NDF:21.6/28

Out: 1746.643 $\pm$ 1036.327 χ^2 /NDF:34.7/31

All: 2050.098 $\pm$ 752.911 χ^2 /NDF: 56.5/60

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 4786.659+/-1.108 χ^2/NDF : 917474.8/12

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

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

Left: 4969.615+/-0.810 χ^2/NDF : 1485942.8/24

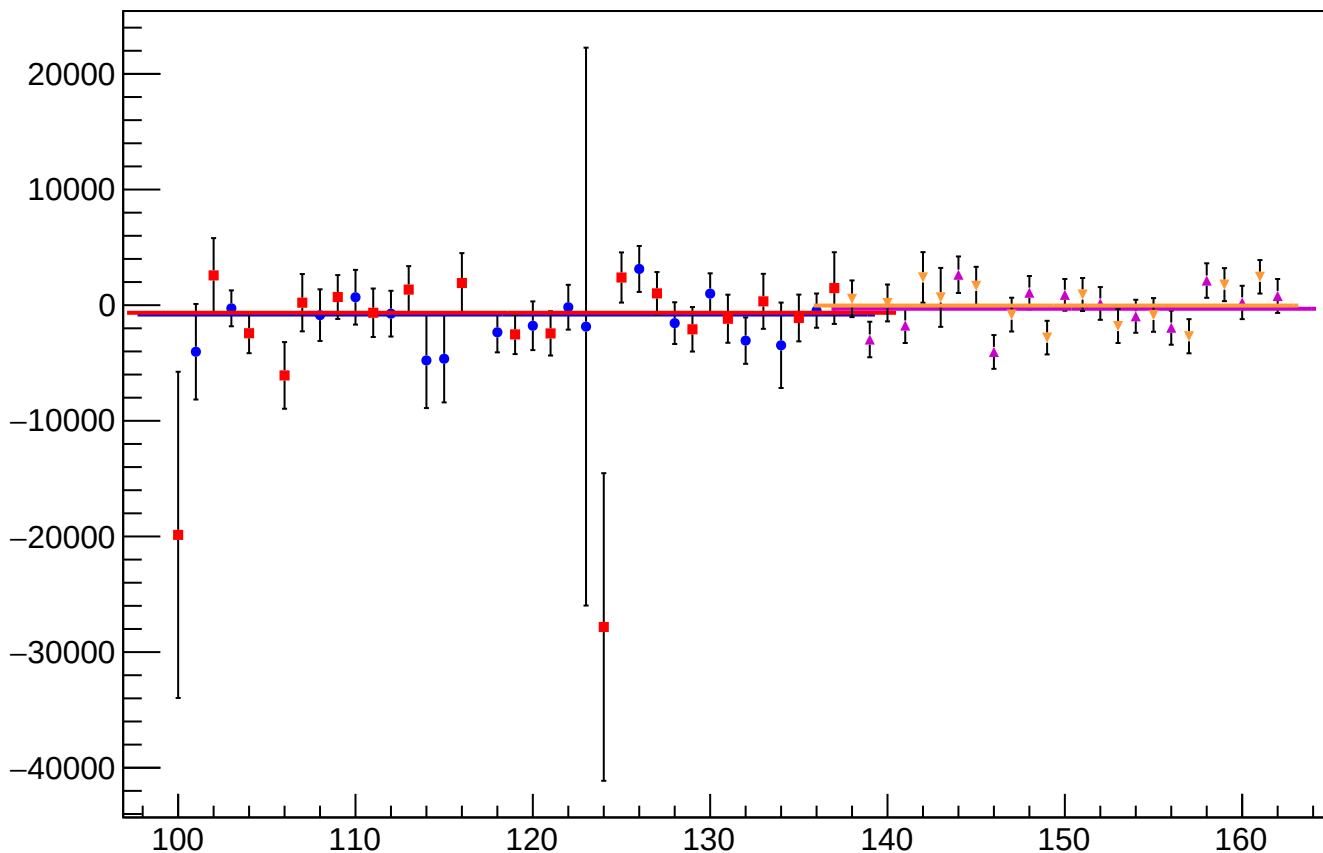
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4199.430+/-0.775 χ^2/NDF : 3466856.3/28

Out: 3948.483+/-0.729 χ^2/NDF : 3841126.1/31

All: 4066.326+/-0.531 χ^2/NDF : 7363627.4/60

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -31.897+/-433.661 χ^2/NDF :16.5/12

Right Out: -656.248+/-514.588 χ^2/NDF : 20.4/18

Left In: -308.533+/-422.899 χ^2/NDF :20.6/11

Left: -173.690+/-302.768 χ^2/NDF : 37.3/24

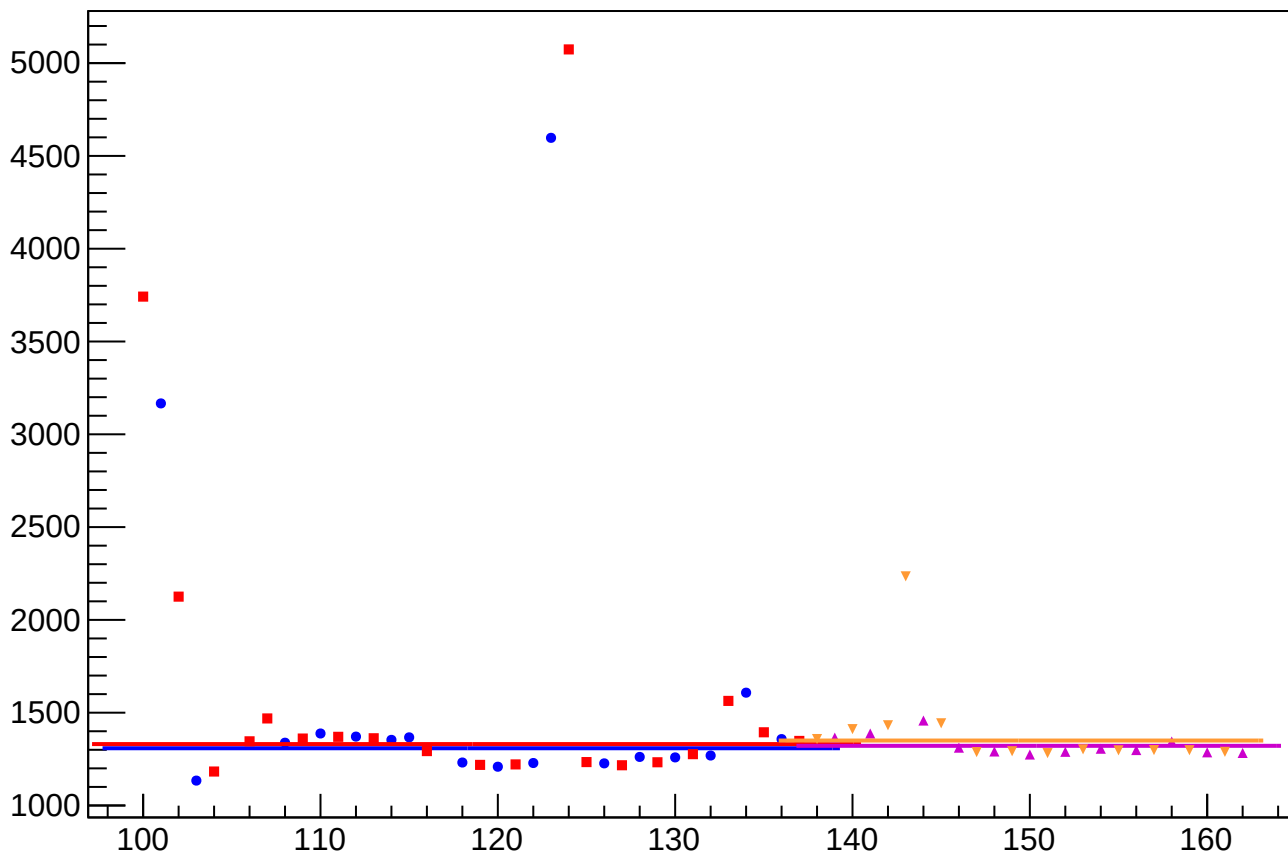
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -508.612+/-327.639 χ^2/NDF :32.3/28

Out: -291.173+/-331.610 χ^2/NDF :37.7/31

All: -401.202+/-233.067 χ^2/NDF : 70.3/60

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1349.977+/-0.307 χ^2/NDF : 278022.0/12

Right Out: 1330.860+/-0.364 χ^2/NDF : 415845.6/18

Left In: 1321.483+/-0.299 χ^2/NDF : 28519.1/11

Left: 1335.372+/-0.214 χ^2/NDF : 310966.6/24

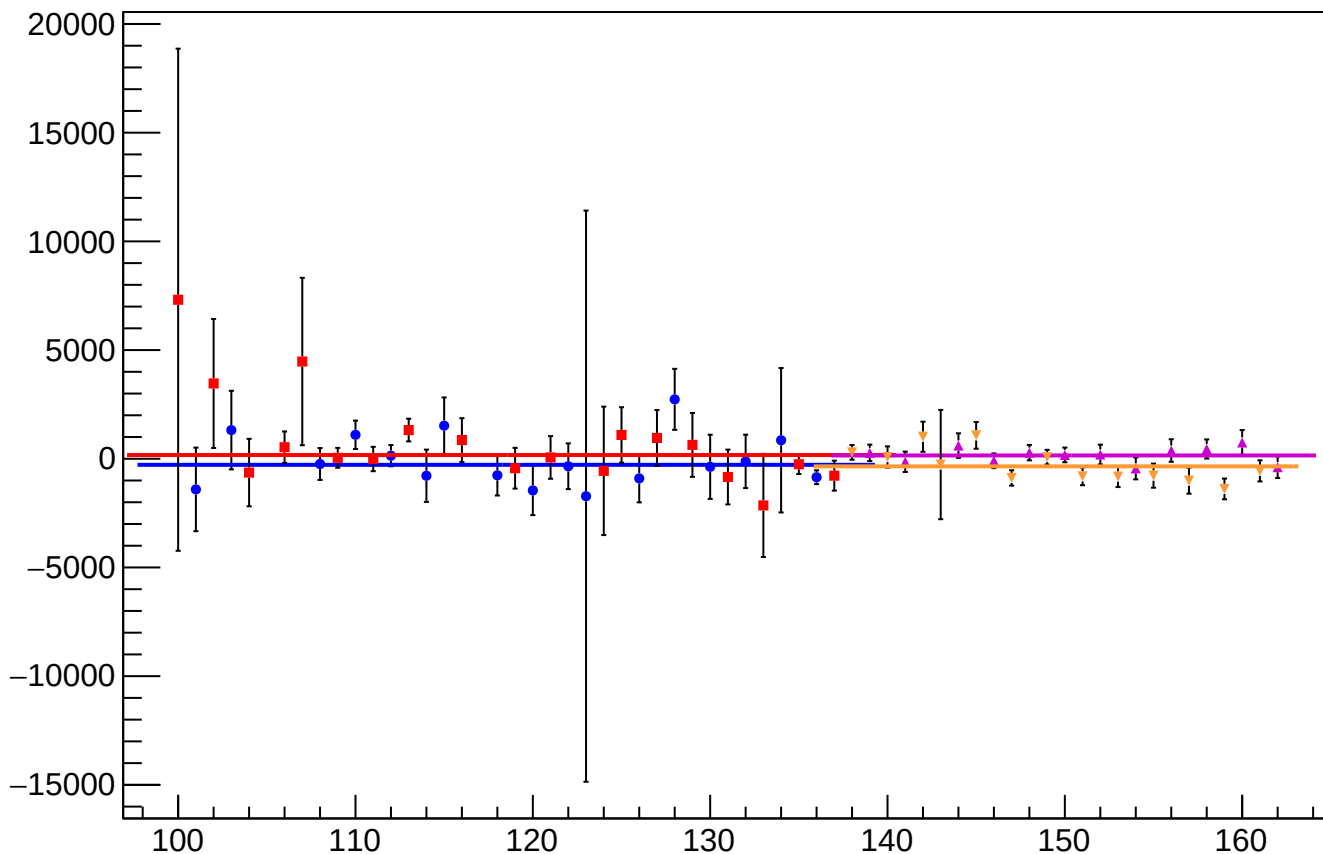
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1316.239+/-0.232 χ^2/NDF : 535833.2/28

Out: 1342.038+/-0.234 χ^2/NDF : 695481.5/31

All: 1328.983+/-0.165 χ^2/NDF : 1237440.2/60

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -348.766+/-129.512 χ^2/NDF :26.4/12

Right Out: 171.593+/-192.461 χ^2/NDF : 14.7/18

Left In: 152.274+/-124.230 χ^2/NDF :6.1/11

Left: -87.822+/-89.653 χ^2/NDF : 40.3/24

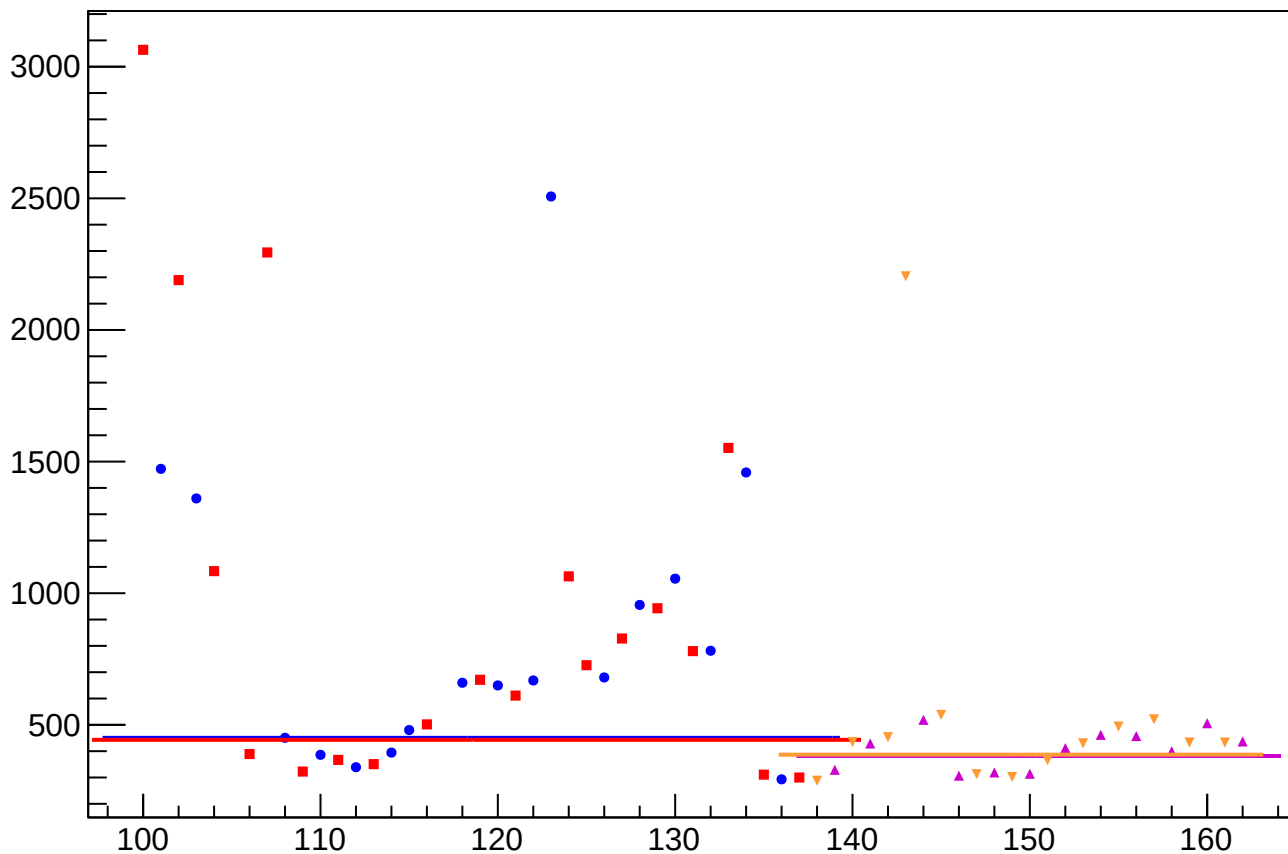
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 30.643+/-105.251 χ^2/NDF :27.6/28

Out: -186.577+/-107.449 χ^2/NDF :46.2/31

All: -75.722+/-75.189 χ^2/NDF : 75.8/60

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 386.723 $\pm$ 0.092 χ^2 /NDF: 1822596.7/12

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 381.658 $\pm$ 0.088 χ^2 /NDF: 642388.2/11

Left: 384.085 $\pm$ 0.063 χ^2 /NDF: 2466577.9/24

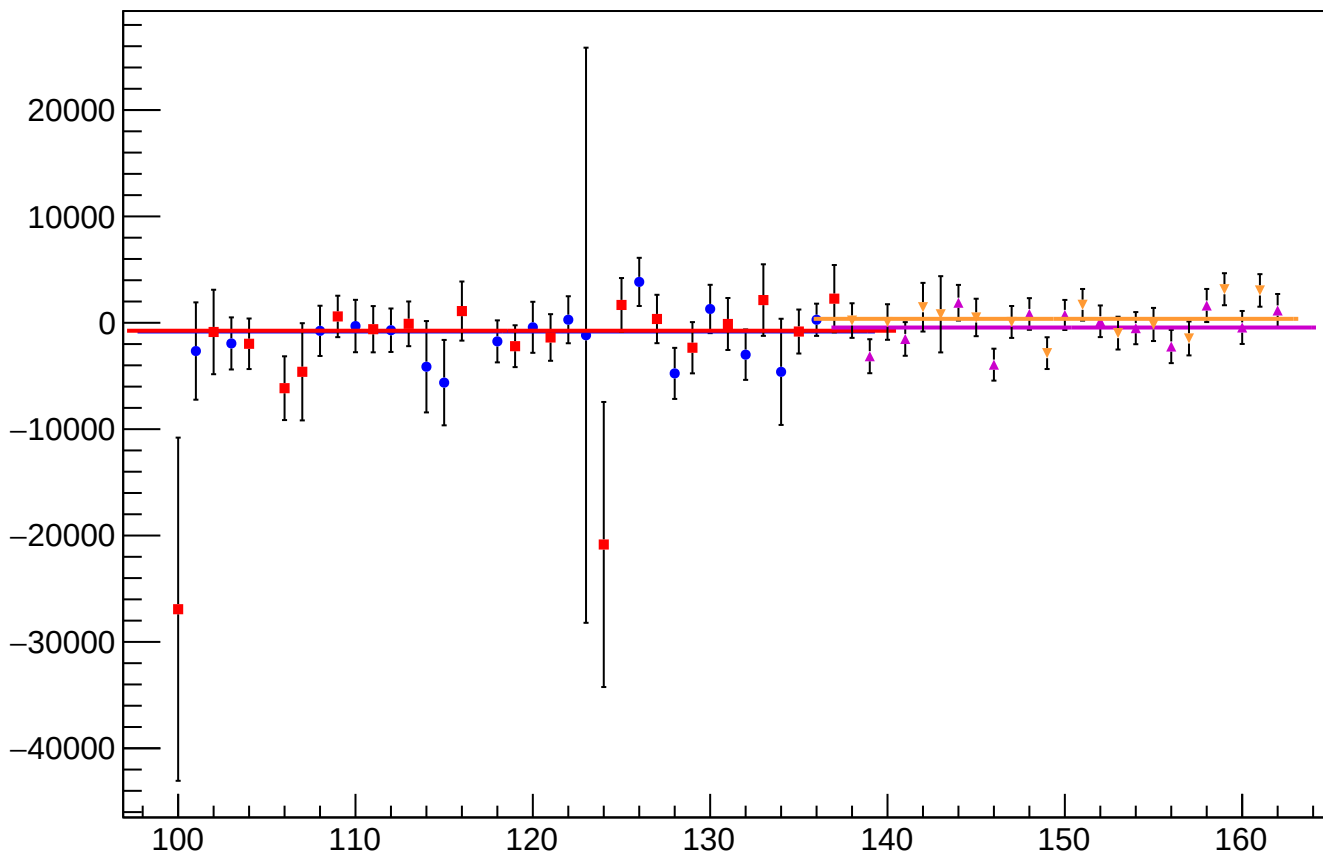
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 401.113 $\pm$ 0.074 χ^2 /NDF: 3813931.2/28

Out: 404.293 $\pm$ 0.076 χ^2 /NDF: 5412076.1/31

All: 402.670 $\pm$ 0.053 χ^2 /NDF: 9226901.5/60

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 371.680+/-457.993 χ^2/NDF :14.5/12

Right Out: -746.365+/-595.659 χ^2/NDF : 14.1/18

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

Left: -50.083+/-318.505 χ^2/NDF : 32.5/24

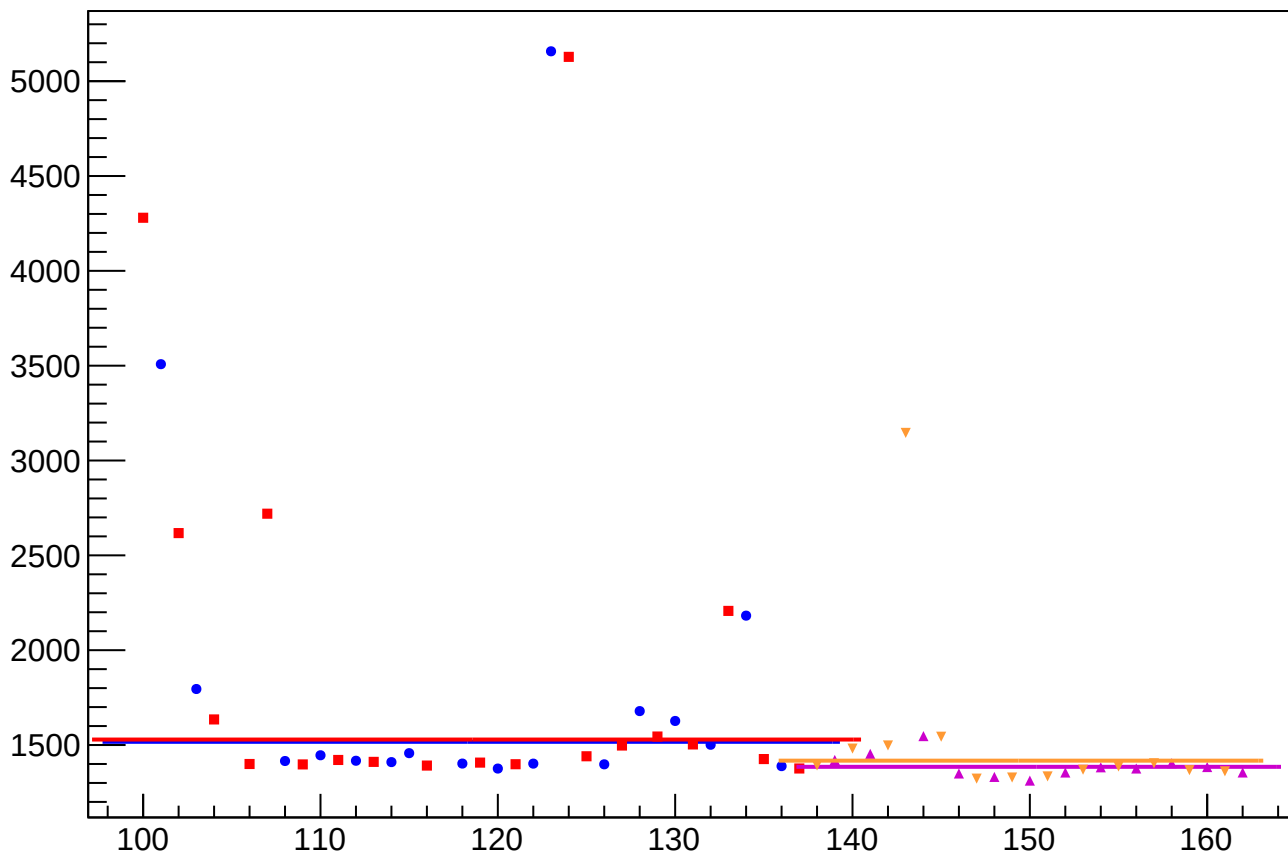
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -576.117+/-356.749 χ^2/NDF :29.3/28

Out: -43.716+/-363.077 χ^2/NDF :30.7/31

All: -314.596+/-254.468 χ^2/NDF : 61.2/60

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1417.517 $\pm$ 0.324 χ^2 /NDF: 510218.7/12

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1385.015 $\pm$ 0.313 χ^2 /NDF: 34372.4/11

Left: 1400.734 $\pm$ 0.225 χ^2 /NDF: 549792.2/24

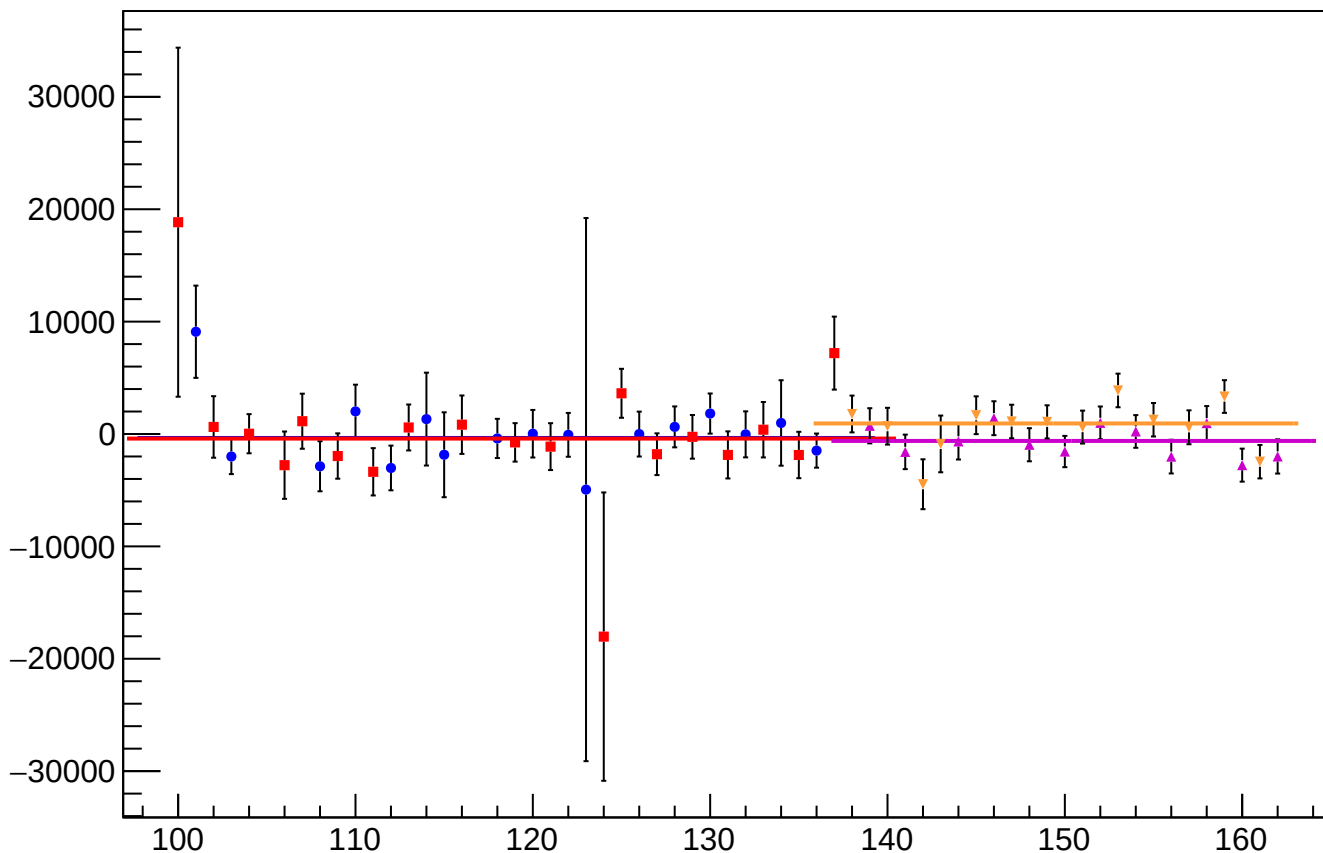
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1431.475 $\pm$ 0.252 χ^2 /NDF: 637806.2/28

Out: 1458.884 $\pm$ 0.257 χ^2 /NDF: 1184315.0/31

All: 1444.938 $\pm$ 0.180 χ^2 /NDF: 1827920.5/60

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 938.047+/-442.953 χ^2 /NDF:18.9/12

Right Out: -407.388+/-522.047 χ^2 /NDF: 18.4/18

Left In: -617.047+/-432.314 χ^2 /NDF:9.9/11

Left: 141.601+/-309.385 χ^2 /NDF: 35.1/24

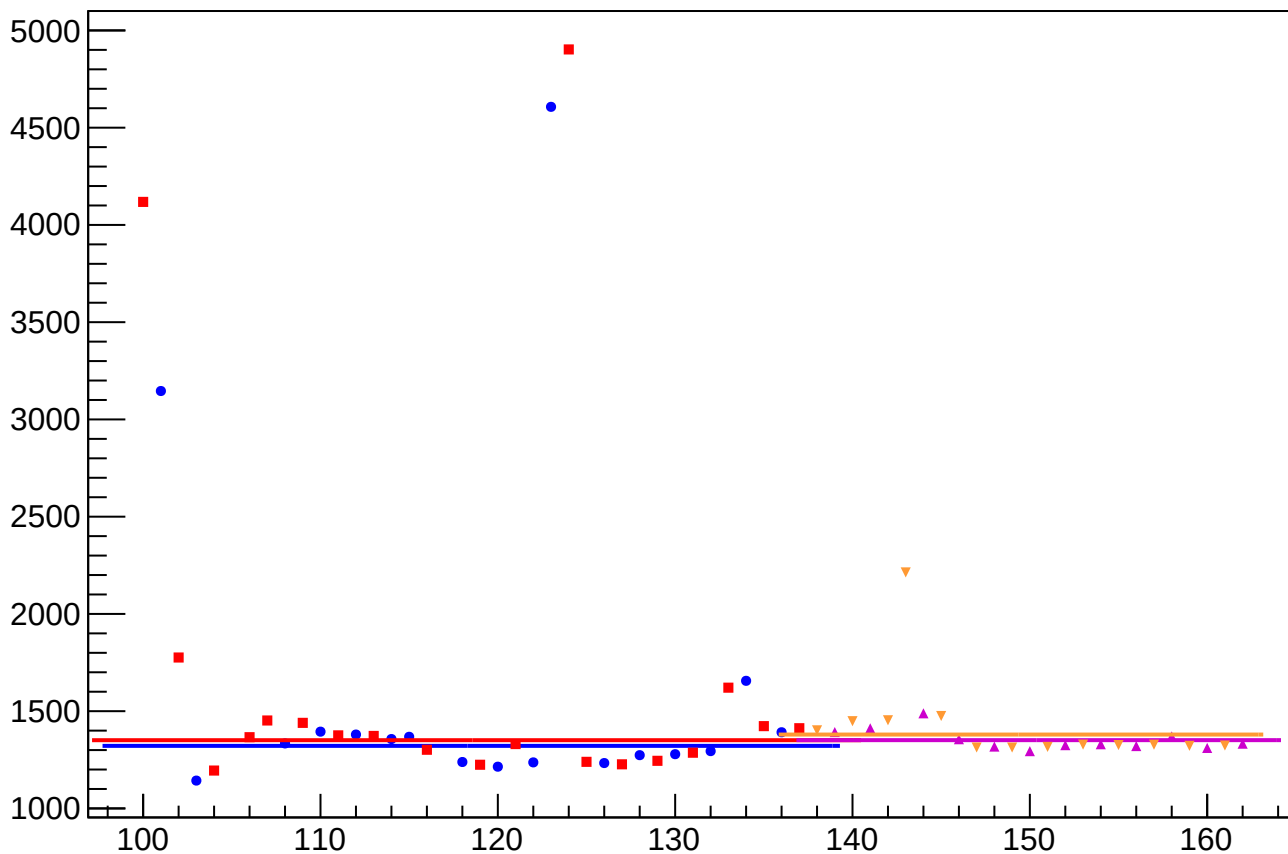
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -509.997+/-333.297 χ^2 /NDF:23.5/28

Out: 374.868+/-337.754 χ^2 /NDF:41.2/31

All: -73.442+/-237.237 χ^2 /NDF: 68.1/60

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1379.782 $\pm$ 0.313 χ^2 /NDF: 255962.2/12

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1351.030 $\pm$ 0.306 χ^2 /NDF: 27486.3/11

Left: 1365.056 $\pm$ 0.219 χ^2 /NDF: 287764.4/24

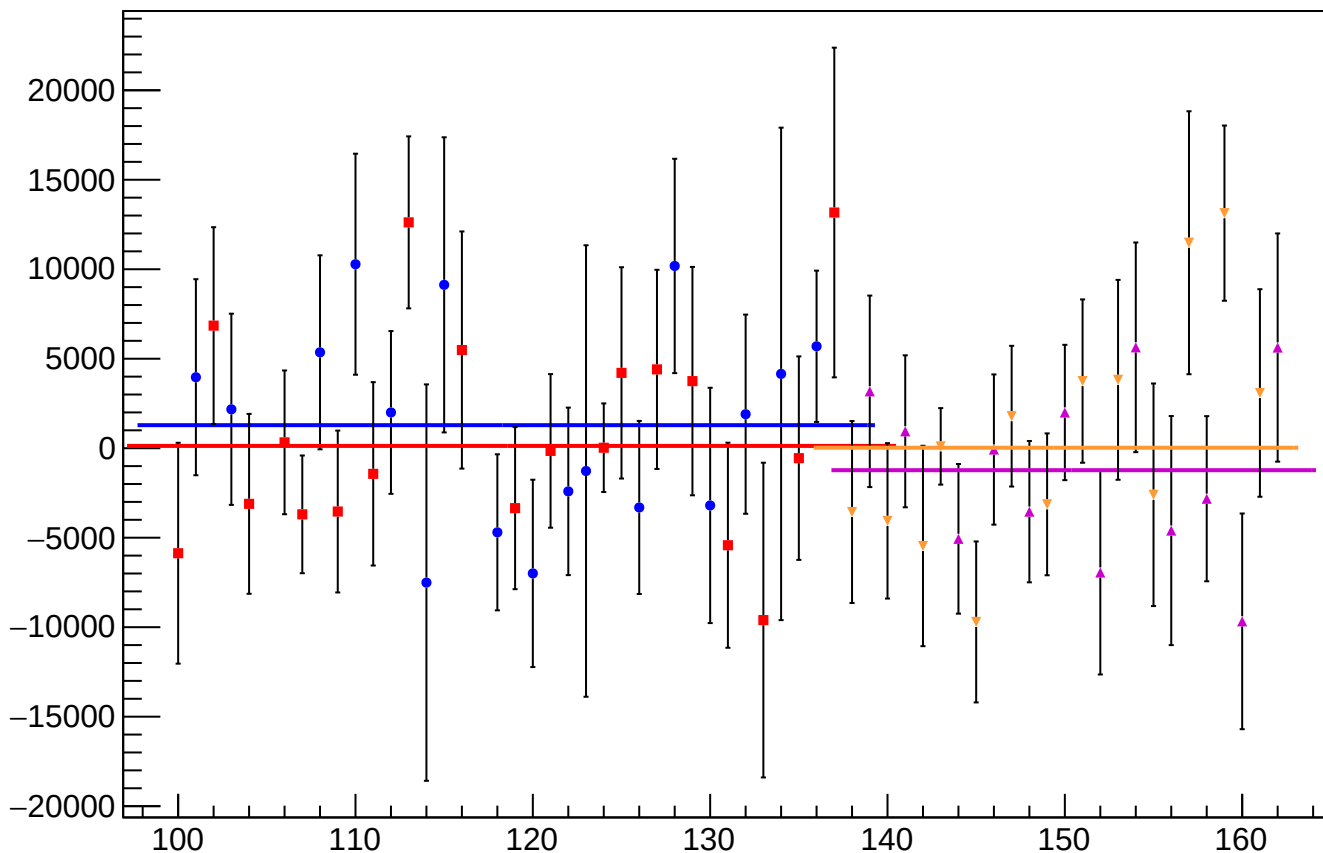
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.134 $\pm$ 0.236 χ^2 /NDF: 533465.3/28

Out: 1367.632 $\pm$ 0.239 χ^2 /NDF: 609439.0/31

All: 1353.197 $\pm$ 0.168 χ^2 /NDF: 1150119.6/60

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 27.253+/-1181.581 χ^2/NDF : 19.1/12

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

Left In: -1227.827+/-1384.070 χ^2/NDF : 8.8/11

Left: -501.846+/-898.650 χ^2/NDF : 28.4/24

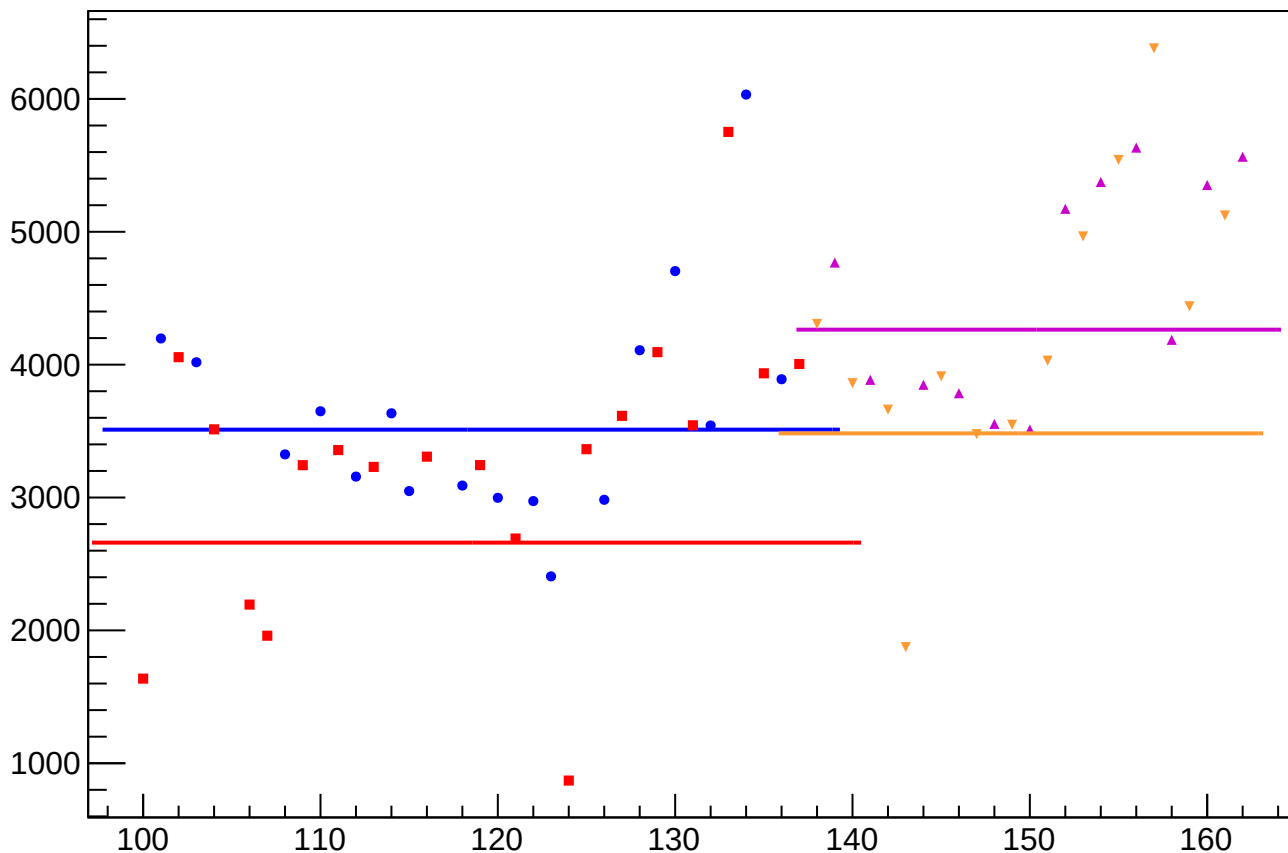
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 37.323+/-975.767 χ^2/NDF : 24.8/28

Out: 82.289+/-800.472 χ^2/NDF : 37.6/31

All: 64.201+/-618.873 χ^2/NDF : 62.4/60

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3482.883 $\pm$ 0.836 χ^2 /NDF: 2157073.5/12

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 4263.399 $\pm$ 0.979 χ^2 /NDF: 586906.1/11

Left: 3811.922 $\pm$ 0.635 χ^2 /NDF: 3111881.4/24

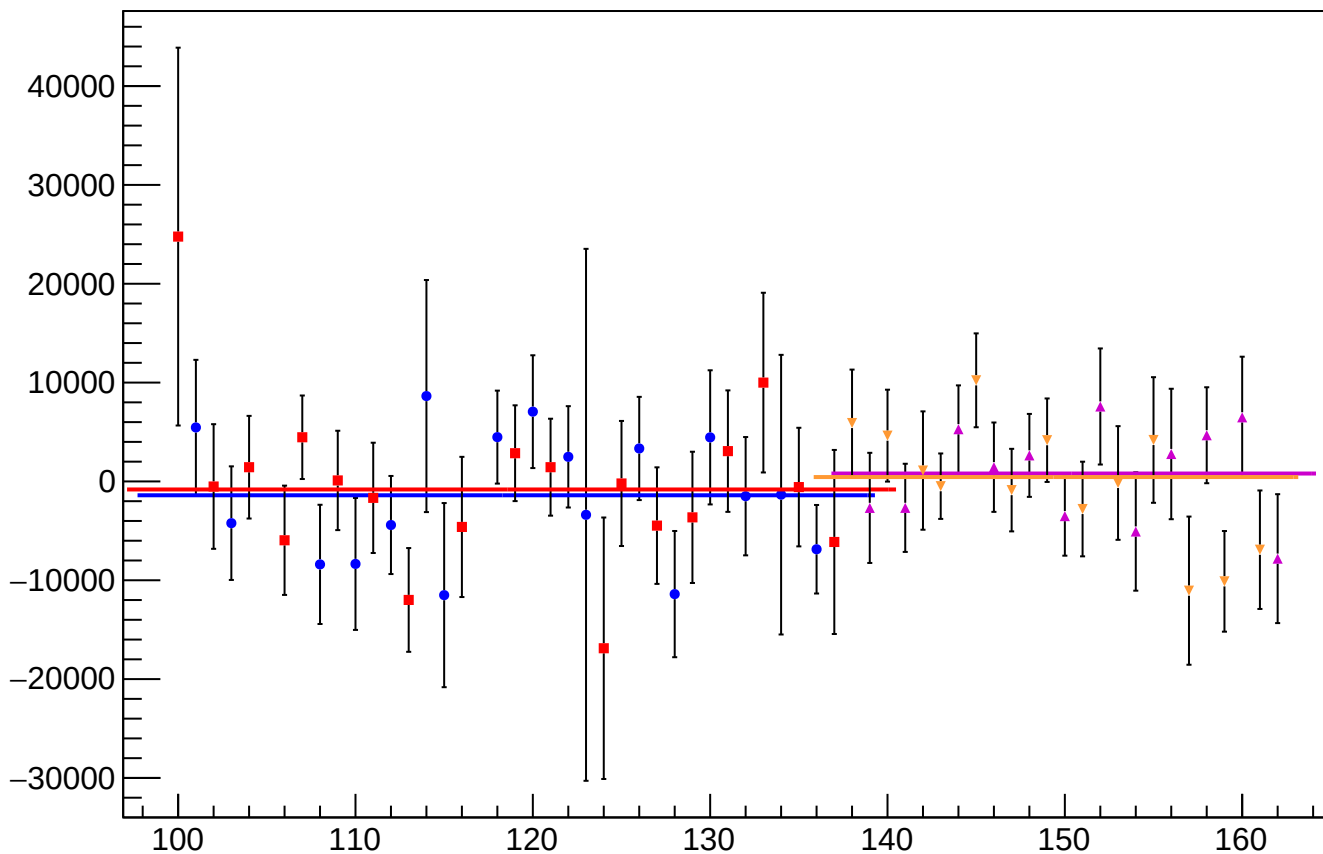
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3884.858 $\pm$ 0.690 χ^2 /NDF: 1228394.9/28

Out: 3038.006 $\pm$ 0.566 χ^2 /NDF: 4863747.1/31

All: 3378.664 $\pm$ 0.438 χ^2 /NDF: 6992598.1/60

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 441.899 ± 1360.578 $\chi^2/\text{NDF}: 16.0/12$

Right Out: -814.071 ± 1379.106 $\chi^2/\text{NDF}: 14.3/18$

Left In: 798.896 ± 1452.706 $\chi^2/\text{NDF}: 9.0/11$

Left: 608.719 ± 993.047 $\chi^2/\text{NDF}: 25.1/24$

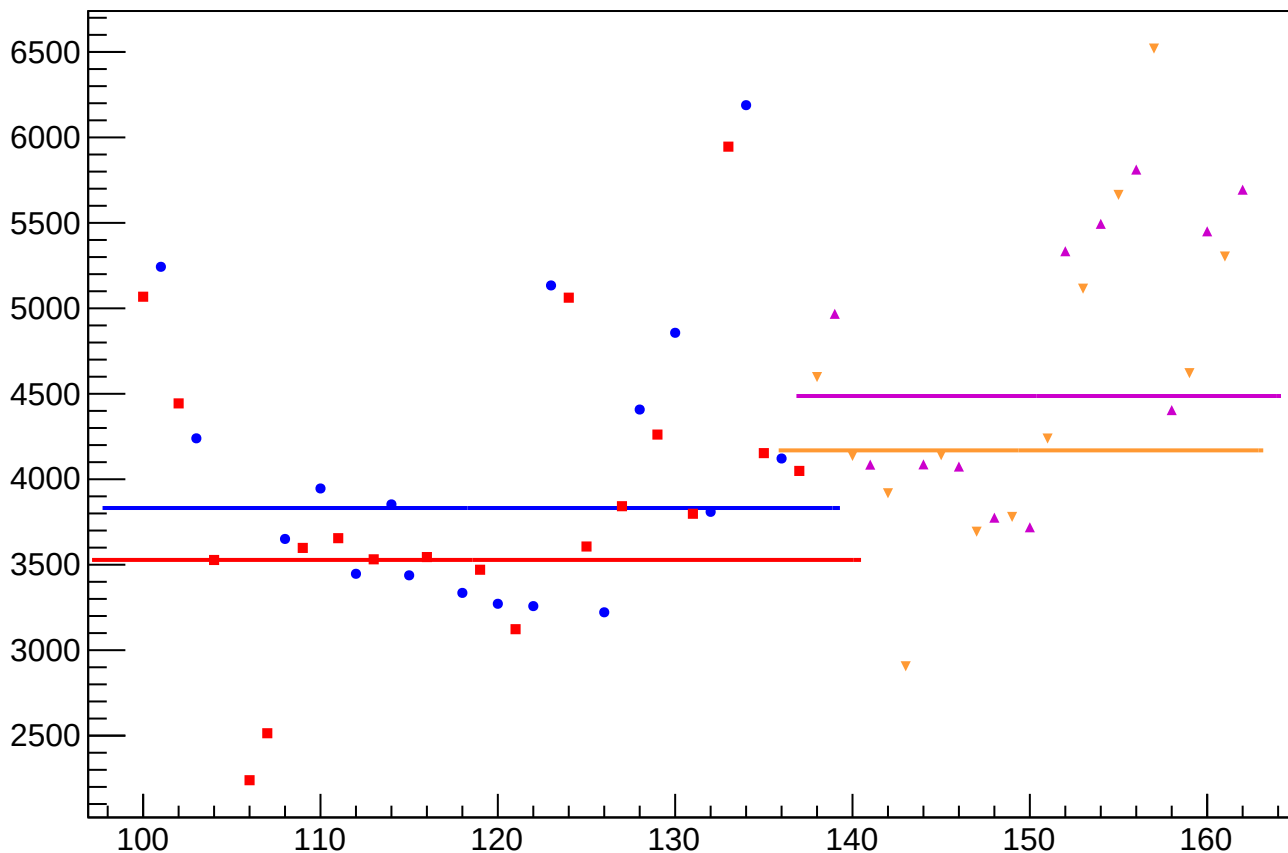
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -263.003 ± 1044.932 $\chi^2/\text{NDF}: 25.9/28$

Out: -177.593 ± 968.558 $\chi^2/\text{NDF}: 30.7/31$

All: -217.063 ± 710.341 $\chi^2/\text{NDF}: 56.6/60$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4168.993 $\pm$ 0.962 χ^2 /NDF: 799684.3/12

Right Out: 3528.100 $\pm$ 0.966 χ^2 /NDF: 557192.5/18

Left In: 4487.131 $\pm$ 1.027 χ^2 /NDF: 492473.6/11

Left: 4317.655 $\pm$ 0.702 χ^2 /NDF: 1343255.3/24

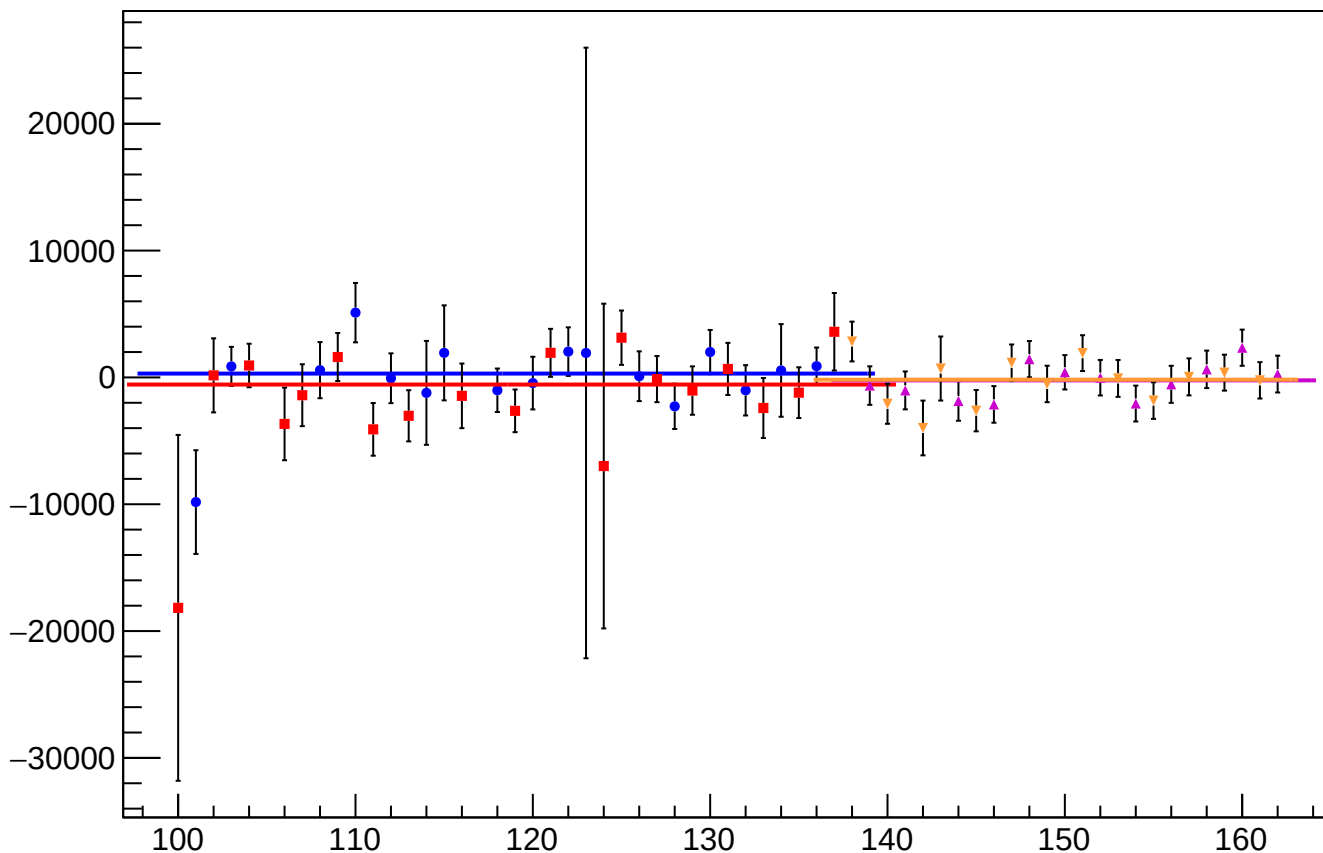
Right: 3665.441 $\pm$ 0.715 χ^2 /NDF: 939571.7/35

In: 4170.864 $\pm$ 0.739 χ^2 /NDF: 1026596.9/28

Out: 3849.954 $\pm$ 0.682 χ^2 /NDF: 1577785.2/31

All: 3997.534 $\pm$ 0.501 χ^2 /NDF: 2706269.7/60

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -179.925 $\pm$ 429.233 χ^2 /NDF:15.2/12

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -233.109 $\pm$ 418.478 χ^2 /NDF:10.2/11

Left: -207.192 $\pm$ 299.639 χ^2 /NDF: 25.4/24

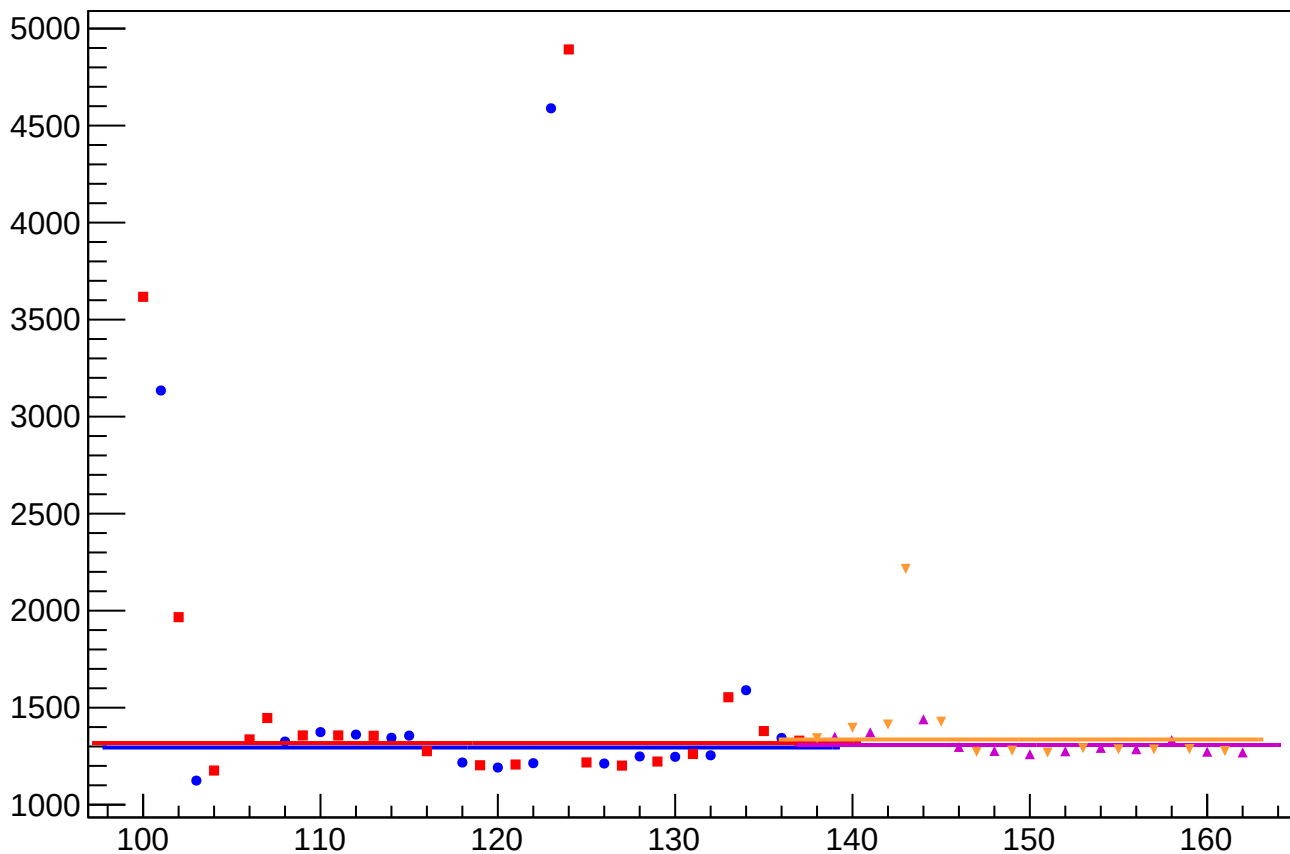
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -19.231 $\pm$ 324.229 χ^2 /NDF:26.9/28

Out: -339.053 $\pm$ 327.955 χ^2 /NDF:34.7/31

All: -177.315 $\pm$ 230.570 χ^2 /NDF: 62.1/60

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1336.085 $\pm$ 0.304 χ^2 /NDF: 278581.8/12

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1307.650 $\pm$ 0.296 χ^2 /NDF: 28209.0/11

Left: 1321.507 $\pm$ 0.212 χ^2 /NDF: 311290.8/24

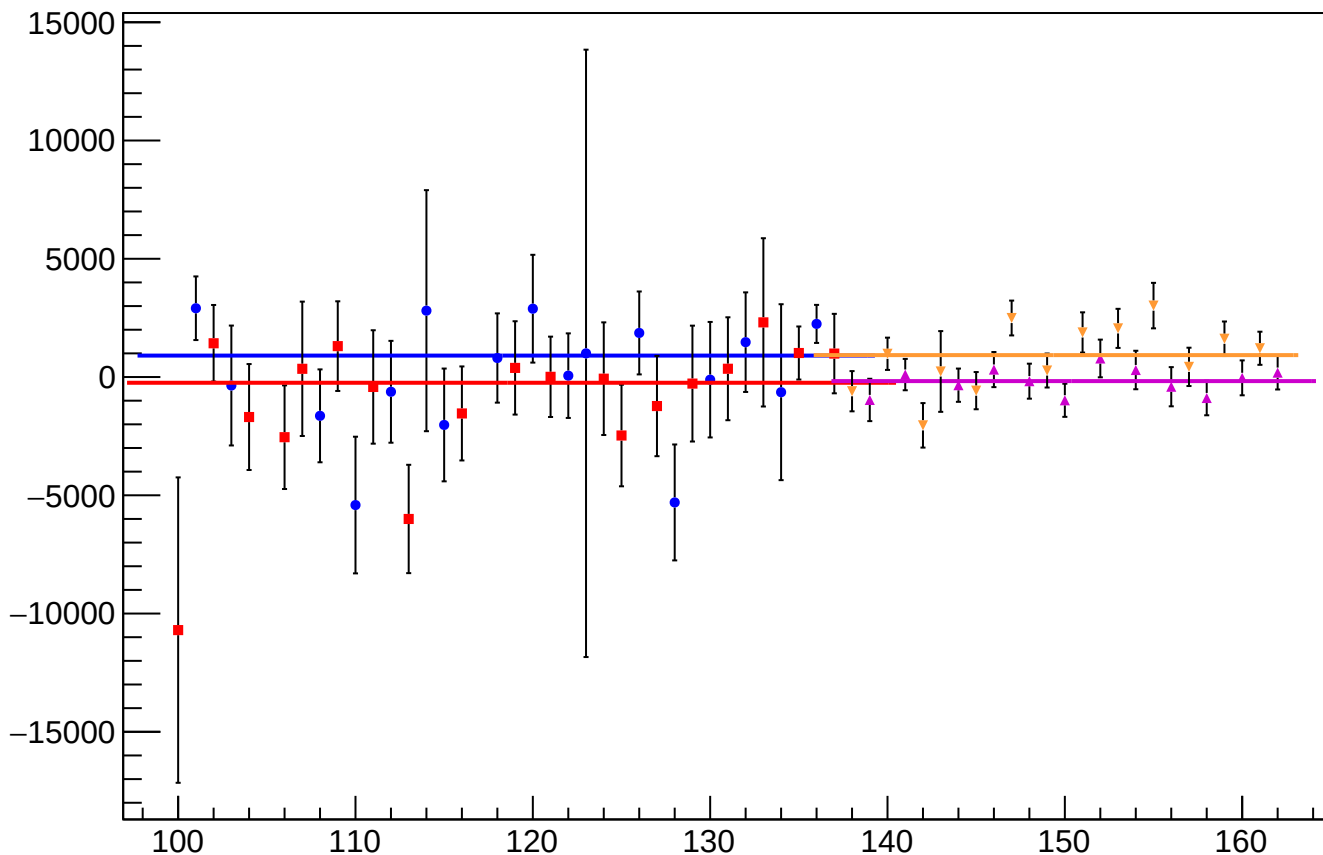
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1302.485 $\pm$ 0.229 χ^2 /NDF: 536775.0/28

Out: 1328.470 $\pm$ 0.232 χ^2 /NDF: 670901.7/31

All: 1315.329 $\pm$ 0.163 χ^2 /NDF: 1214026.1/60

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 926.630 $\pm$ 224.889 χ^2 /NDF:31.7/12

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -171.941 $\pm$ 215.954 χ^2 /NDF:5.9/11

Left: 355.088 $\pm$ 155.766 χ^2 /NDF: 50.0/24

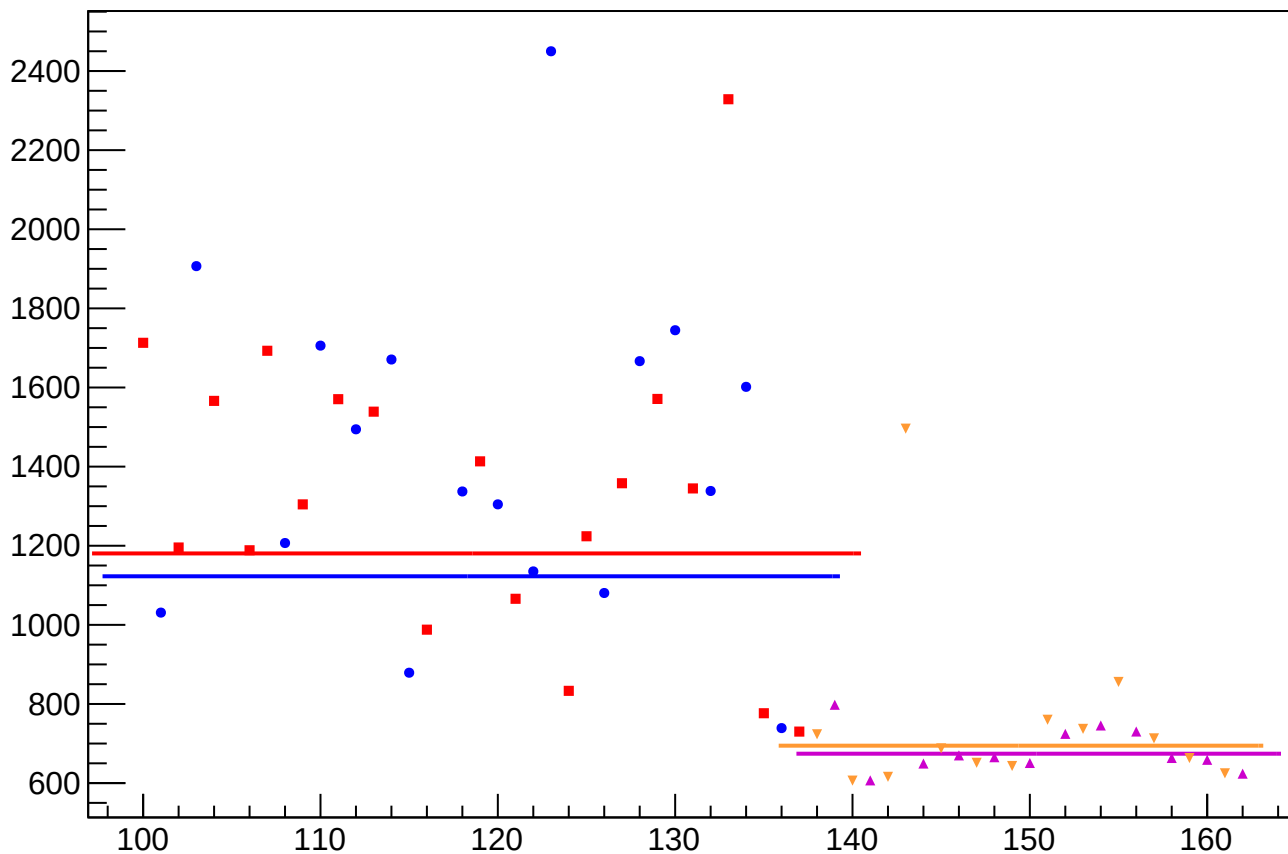
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 25.772 $\pm$ 195.161 χ^2 /NDF:32.4/28

Out: 703.756 $\pm$ 202.317 χ^2 /NDF:53.3/31

All: 352.562 $\pm$ 140.462 χ^2 /NDF: 91.6/60

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 694.589+/-0.159 χ^2/NDF : 605930.6/12

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 674.306+/-0.153 χ^2/NDF : 107788.5/11

Left: 684.036+/-0.110 χ^2/NDF : 722183.2/24

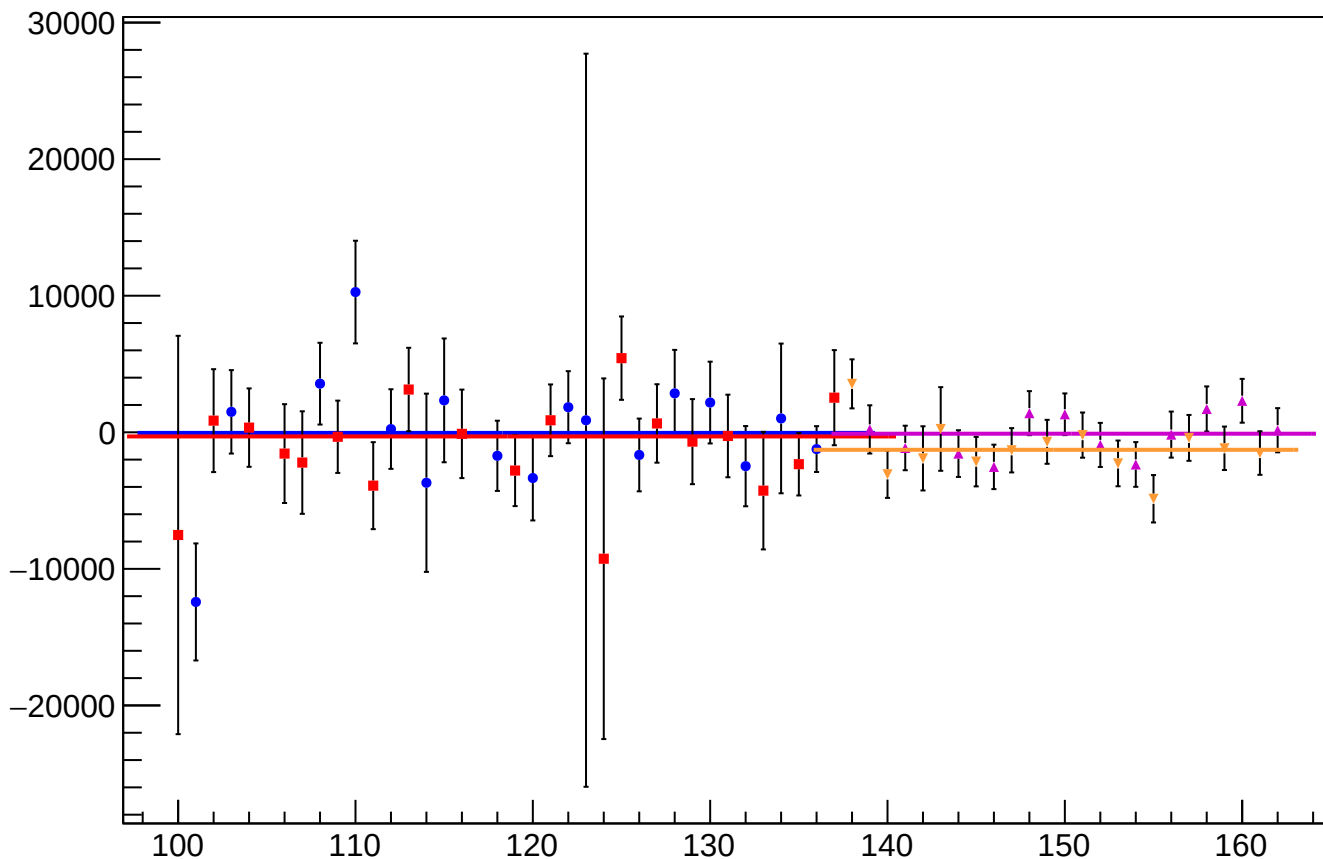
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 756.510+/-0.138 χ^2/NDF : 2876777.3/28

Out: 787.245+/-0.143 χ^2/NDF : 3421931.4/31

All: 771.324+/-0.099 χ^2/NDF : 6322617.7/60

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1281.540 ± 487.913 χ^2/NDF : 14.3/12

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

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

Left: -673.702 ± 339.492 χ^2/NDF : 28.1/24

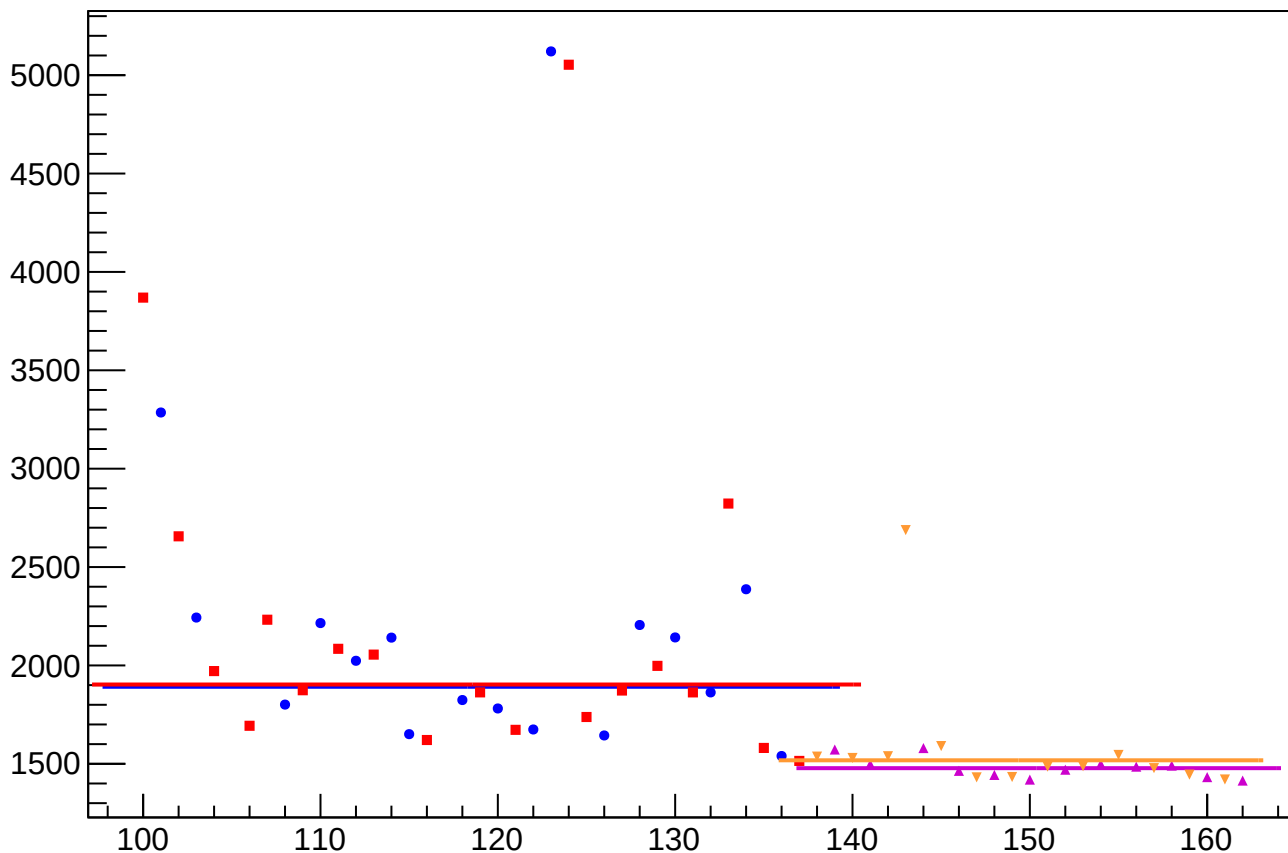
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -86.420 ± 399.519 χ^2/NDF : 34.0/28

Out: -982.141 ± 406.408 χ^2/NDF : 26.4/31

All: -526.624 ± 284.907 χ^2/NDF : 62.9/60

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1517.834 $\pm$ 0.345 χ^2 /NDF: 321483.5/12

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1477.867 $\pm$ 0.334 χ^2 /NDF: 22304.0/11

Left: 1497.217 $\pm$ 0.240 χ^2 /NDF: 350710.2/24

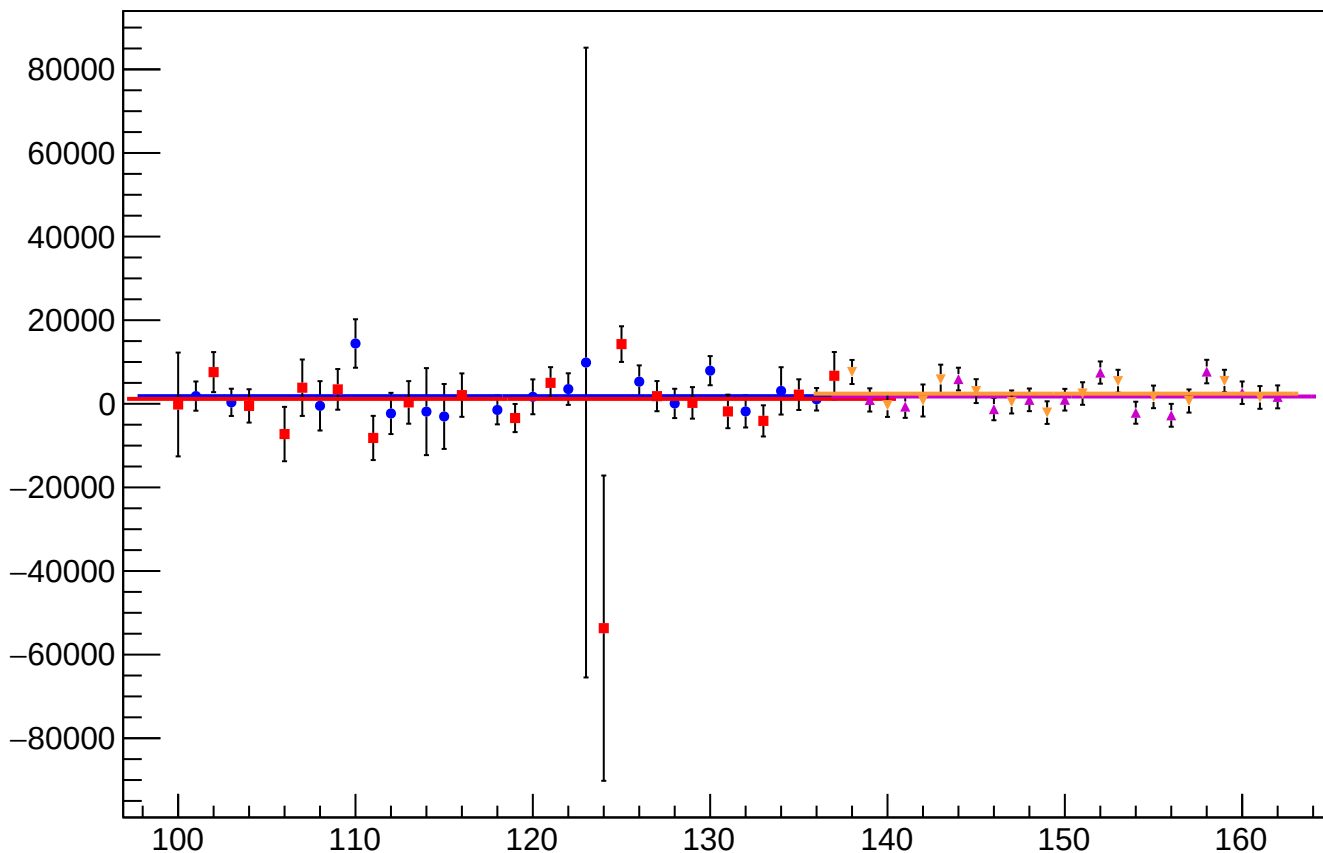
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1596.048 $\pm$ 0.283 χ^2 /NDF: 929152.0/28

Out: 1635.774 $\pm$ 0.287 χ^2 /NDF: 1163278.6/31

All: 1615.571 $\pm$ 0.201 χ^2 /NDF: 2102148.8/60

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2428.369 $\pm$ 790.384 χ^2 /NDF:11.8/12

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1745.567 $\pm$ 779.603 χ^2 /NDF:18.8/11

Left: 2082.280 $\pm$ 555.035 χ^2 /NDF: 31.0/24

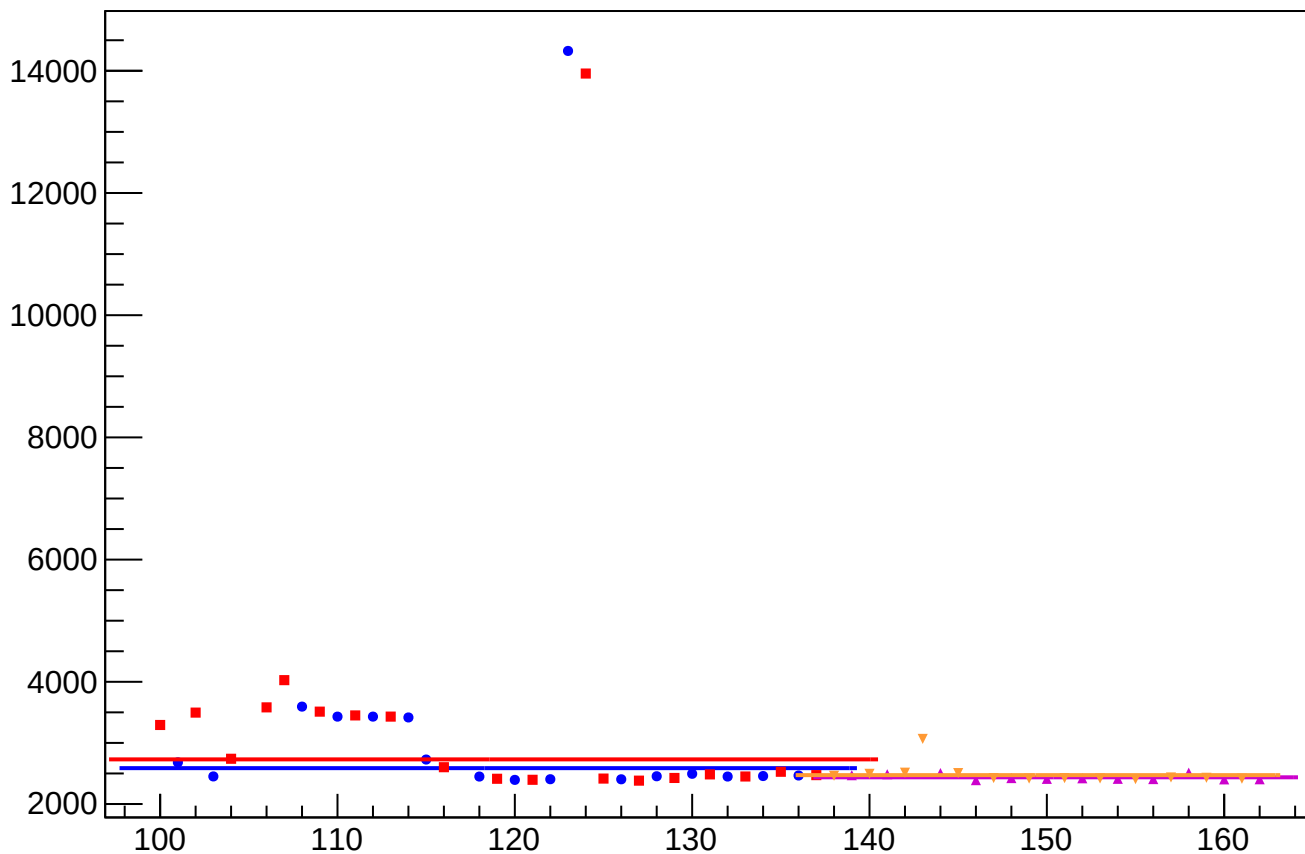
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1775.234 $\pm$ 617.178 χ^2 /NDF:31.4/28

Out: 1972.295 $\pm$ 630.642 χ^2 /NDF:38.1/31

All: 1871.638 $\pm$ 441.094 χ^2 /NDF: 69.6/60

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2472.632 $\pm$ 0.559 χ^2 /NDF: 63303.9/12

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2437.021 $\pm$ 0.551 χ^2 /NDF: 5714.7/11

Left: 2454.582 $\pm$ 0.392 χ^2 /NDF: 71076.5/24

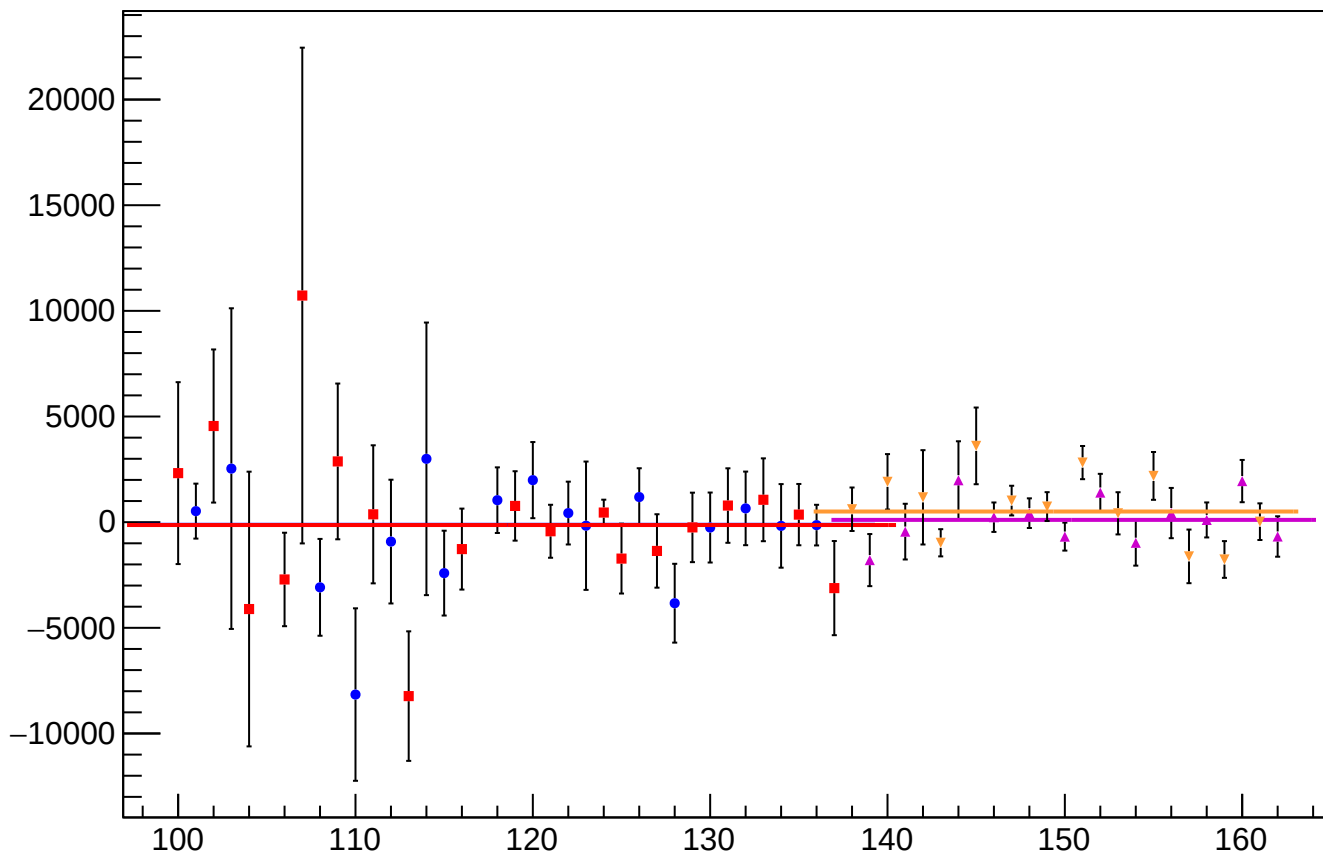
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2492.997 $\pm$ 0.436 χ^2 /NDF: 287449.3/28

Out: 2566.327 $\pm$ 0.446 χ^2 /NDF: 725643.4/31

All: 2528.871 $\pm$ 0.312 χ^2 /NDF: 1026905.3/60

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2 /NDF: 14.7/16

Left Out: 504.141 $\pm$ 255.707 χ^2 /NDF:31.0/12

Right Out: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: 108.203 $\pm$ 264.611 χ^2 /NDF:12.5/11

Left: 312.946 $\pm$ 183.879 χ^2 /NDF: 44.6/24

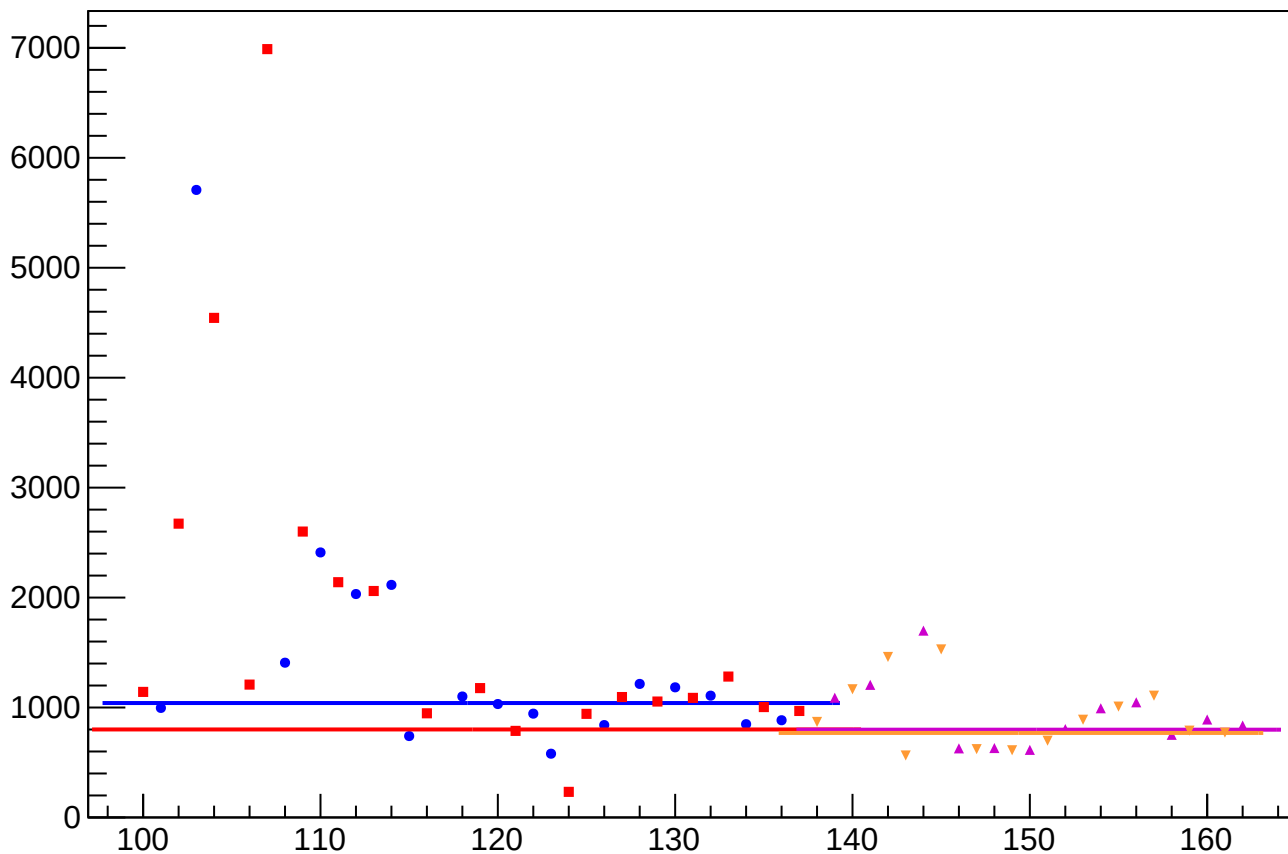
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: 44.457 $\pm$ 225.469 χ^2 /NDF:27.4/28

Out: 304.423 $\pm$ 212.050 χ^2 /NDF:50.8/31

All: 182.406 $\pm$ 154.468 χ^2 /NDF: 78.9/60

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 +/- 0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.712 +/- 0.181 χ^2/NDF : 1420689.8/12

Right Out: 800.407 +/- 0.268 χ^2/NDF : 5187026.8/18

Left In: 798.305 +/- 0.187 χ^2/NDF : 1345278.0/11

Left: 783.002 +/- 0.130 χ^2/NDF : 2778902.5/24

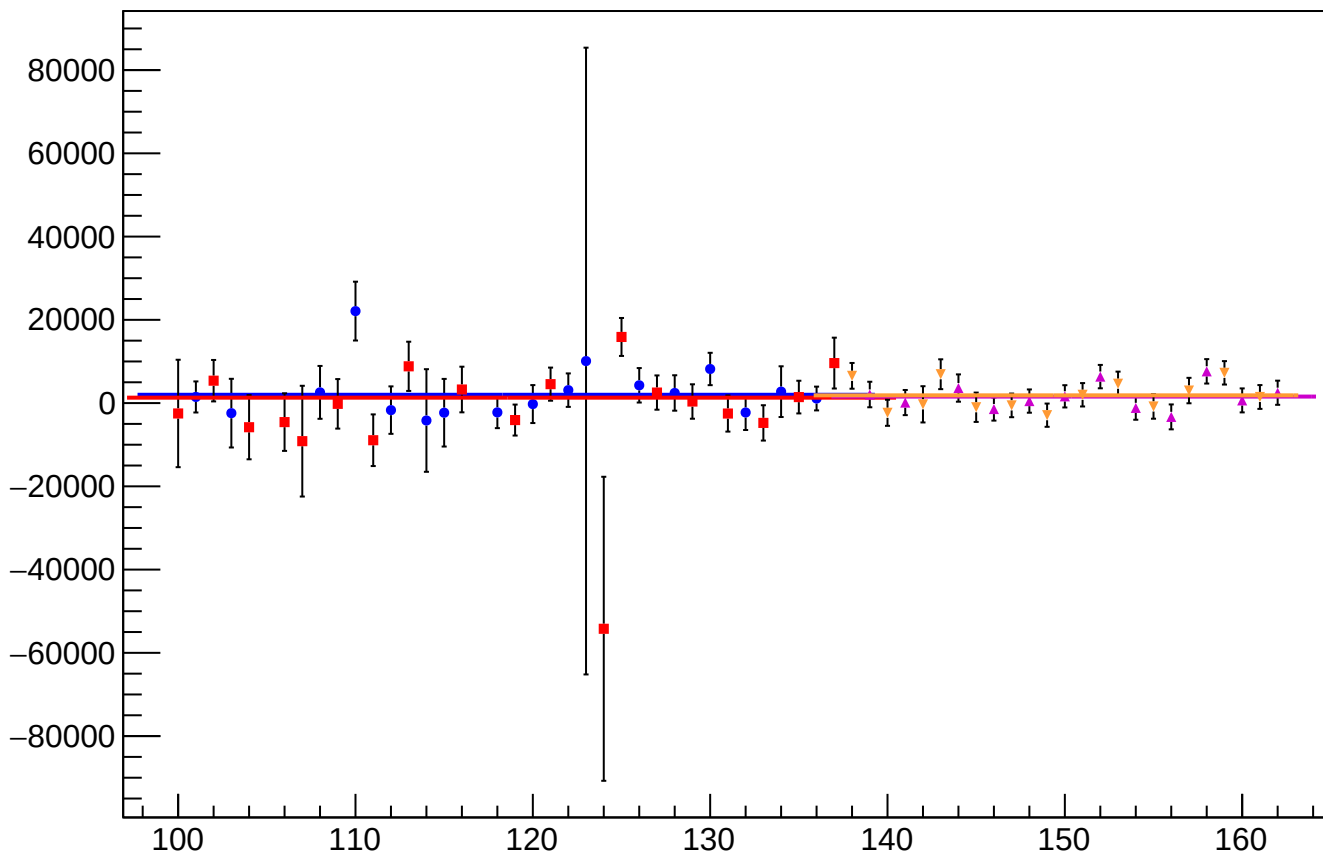
Right: 905.419 +/- 0.201 χ^2/NDF : 7110681.5/35

In: 864.730 +/- 0.159 χ^2/NDF : 3378333.6/28

Out: 778.611 +/- 0.150 χ^2/NDF : 6617313.1/31

All: 819.032 +/- 0.109 χ^2/NDF : 10150477.5/60

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1861.142+/-849.390 χ^2/NDF :16.2/12

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1565.420+/-838.287 χ^2/NDF :12.9/11

Left: 1711.336+/-596.645 χ^2/NDF : 29.2/24

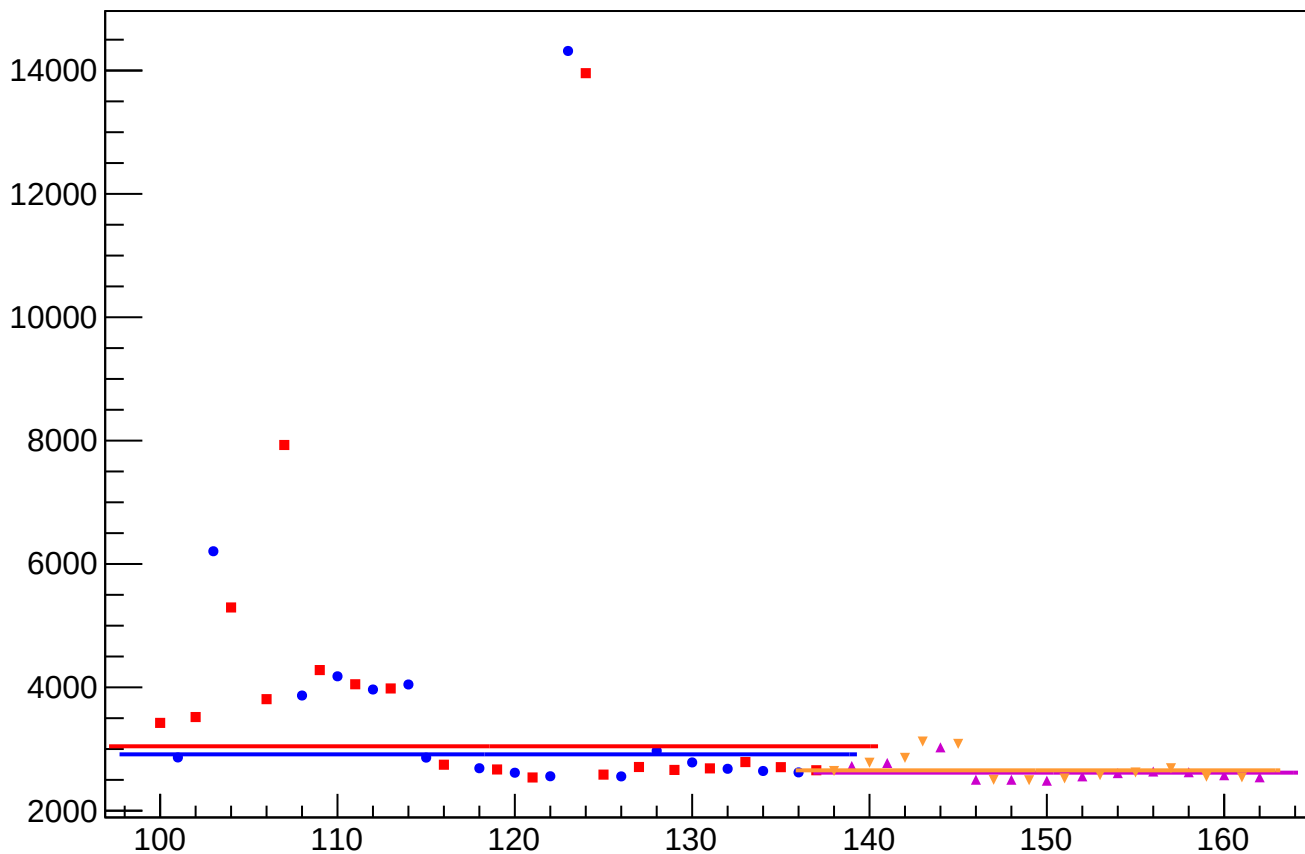
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1714.062+/-678.442 χ^2/NDF :27.9/28

Out: 1672.857+/-691.081 χ^2/NDF :43.9/31

All: 1693.840+/-484.138 χ^2/NDF : 71.9/60

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2654.618+/-0.601 χ^2/NDF : 95618.1/12

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2616.945+/-0.593 χ^2/NDF : 53458.8/11

Left: 2635.534+/-0.422 χ^2/NDF : 151069.9/24

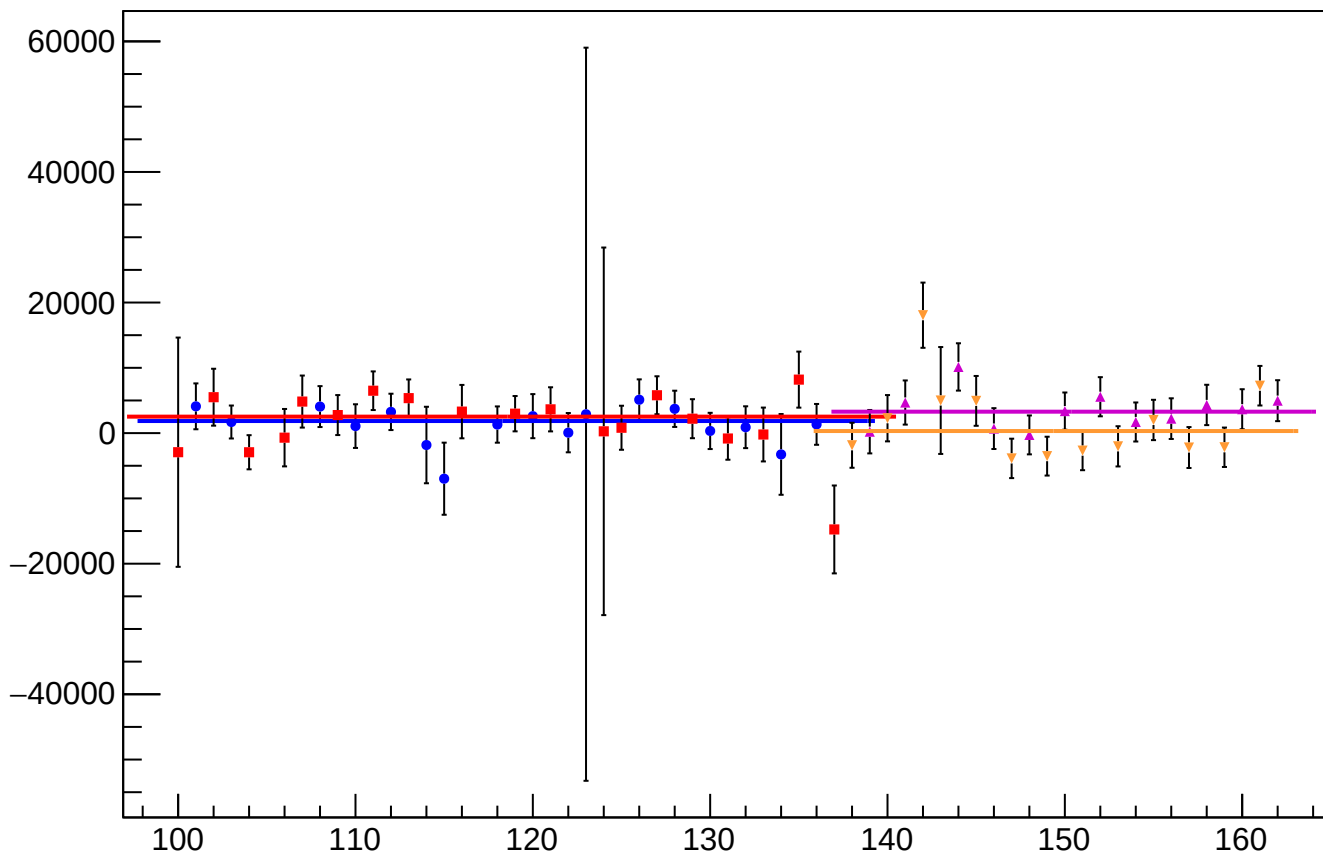
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2719.386+/-0.480 χ^2/NDF : 779014.9/28

Out: 2786.398+/-0.489 χ^2/NDF : 1243364.0/31

All: 2752.274+/-0.342 χ^2/NDF : 2031955.0/60

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 317.629 $\pm$ 931.611 χ^2 /NDF:27.2/12

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 3283.017 $\pm$ 901.210 χ^2 /NDF:8.1/11

Left: 1849.496 $\pm$ 647.733 χ^2 /NDF: 40.5/24

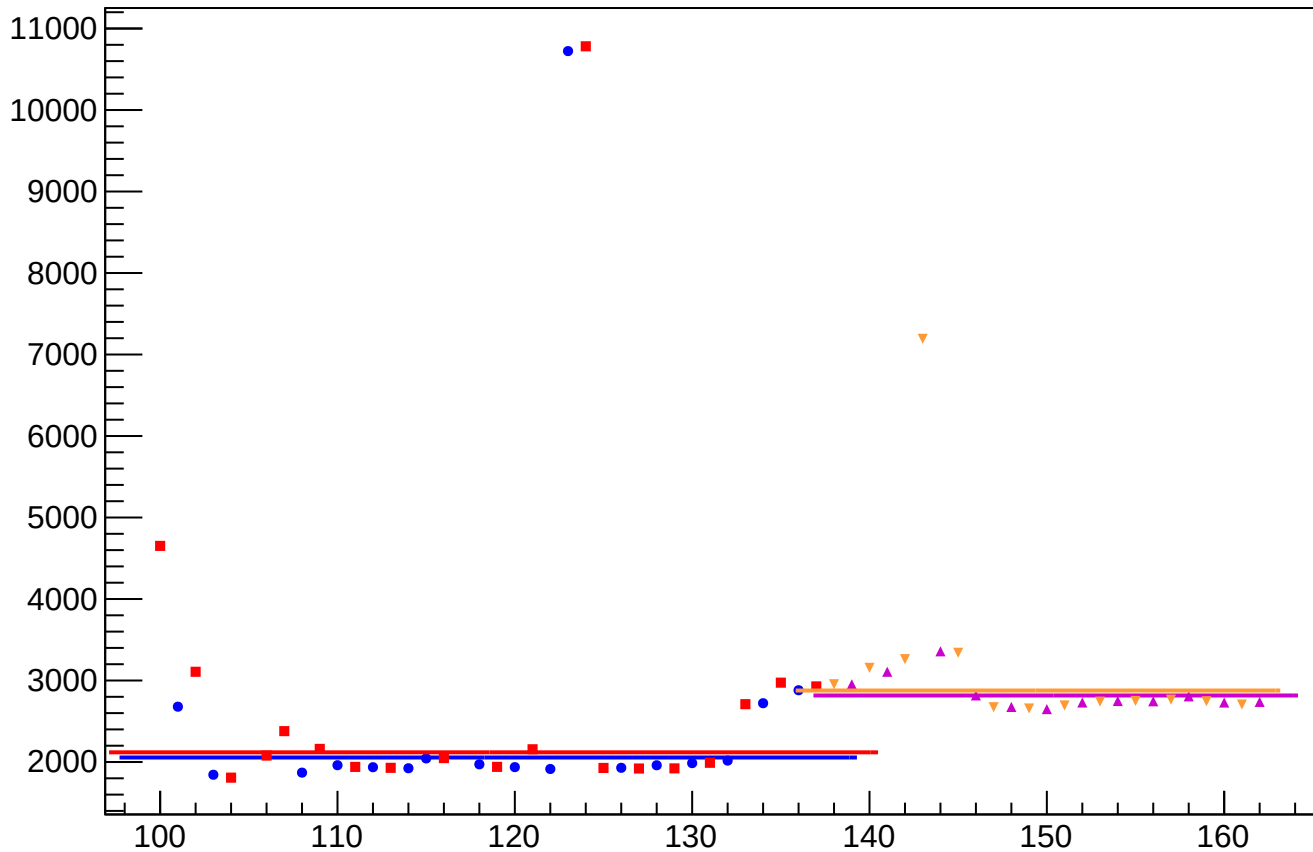
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2487.556 $\pm$ 601.094 χ^2 /NDF:16.8/28

Out: 1562.519 $\pm$ 614.861 χ^2 /NDF:50.5/31

All: 2035.510 $\pm$ 429.822 χ^2 /NDF: 68.4/60

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2877.308 ± 0.659 χ^2/NDF : 658161.2/12

Right Out: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2816.279 ± 0.637 χ^2/NDF : 80851.3/11

Left: 2845.781 ± 0.458 χ^2/NDF : 743446.4/24

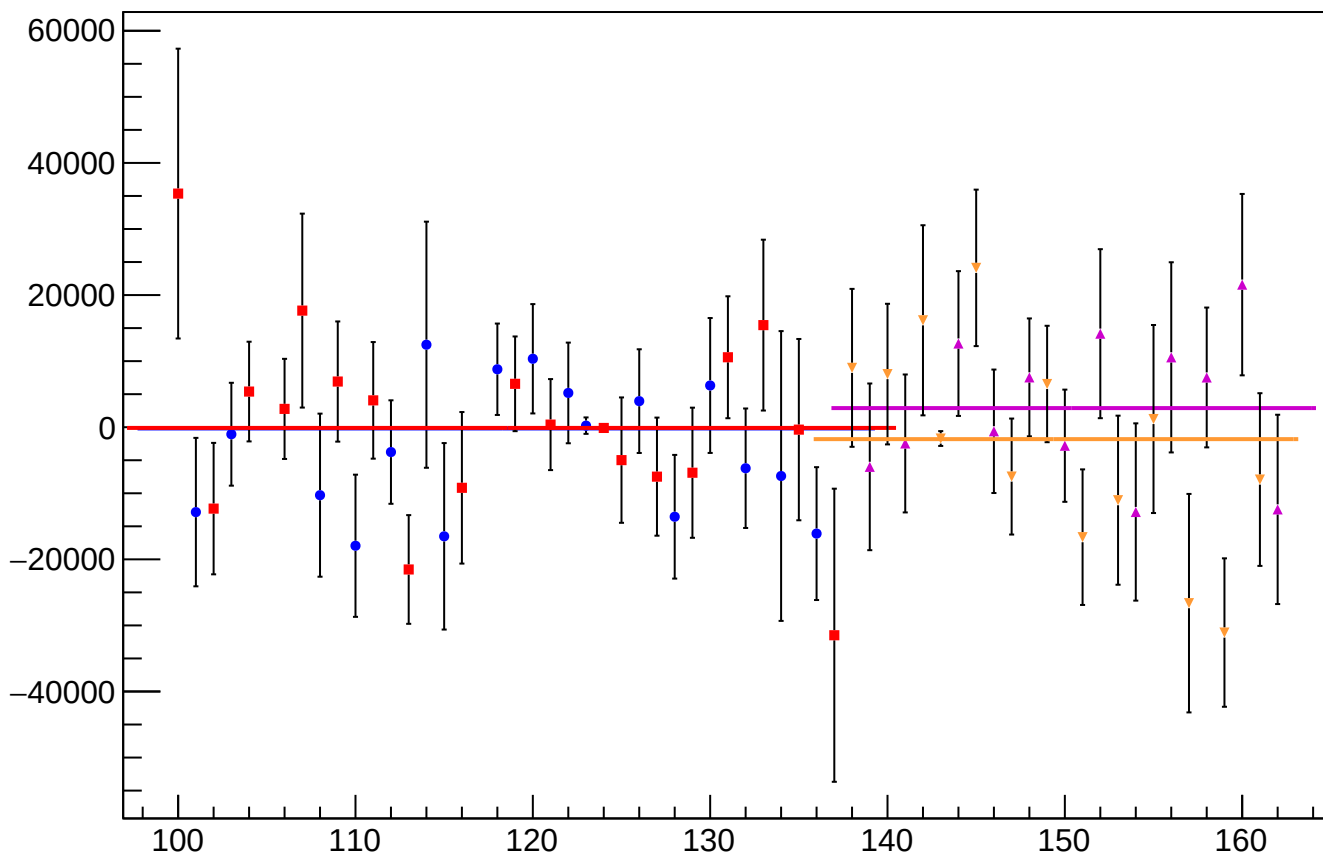
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2393.917 ± 0.425 χ^2/NDF : 1188552.8/28

Out: 2448.646 ± 0.434 χ^2/NDF : 1981147.9/31

All: 2420.685 ± 0.304 χ^2/NDF : 3177810.2/60

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1804.766+/-1062.624 χ^2/NDF : 21.3/12

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 2893.182+/-3206.077 χ^2/NDF : 8.0/11

Left: -1339.765+/-1008.665 χ^2/NDF : 31.2/24

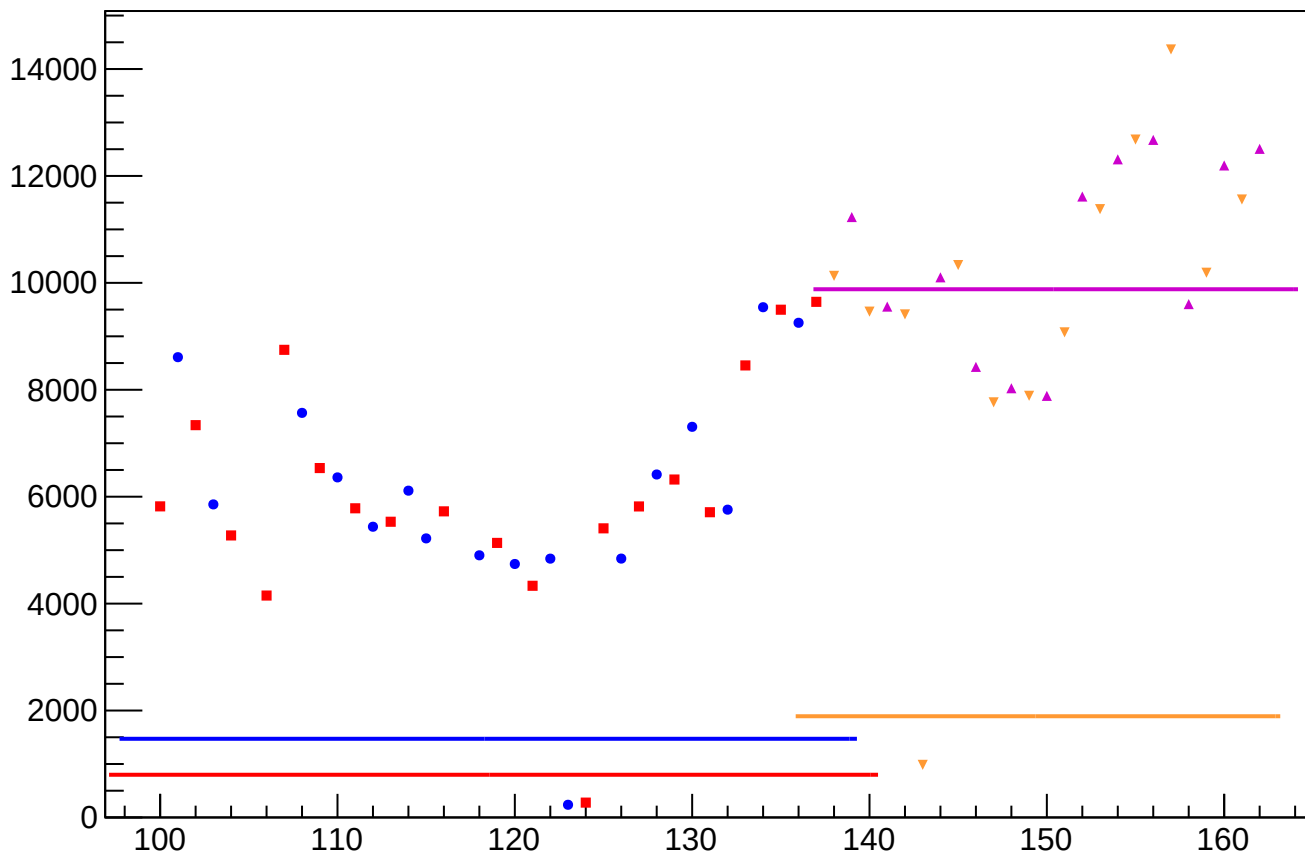
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 139.382+/-1041.123 χ^2/NDF : 25.2/28

Out: -610.999+/-579.077 χ^2/NDF : 44.6/31

All: -433.707+/-506.065 χ^2/NDF : 70.3/60

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1893.151+/-0.751

χ^2/NDF : 13208930.0/12

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9880.579+/-2.267

χ^2/NDF : 573787.5/11

Left: 2683.743+/-0.713

χ^2/NDF : 24967581.8/24

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2358.355+/-0.736

χ^2/NDF : 22669582.4/28

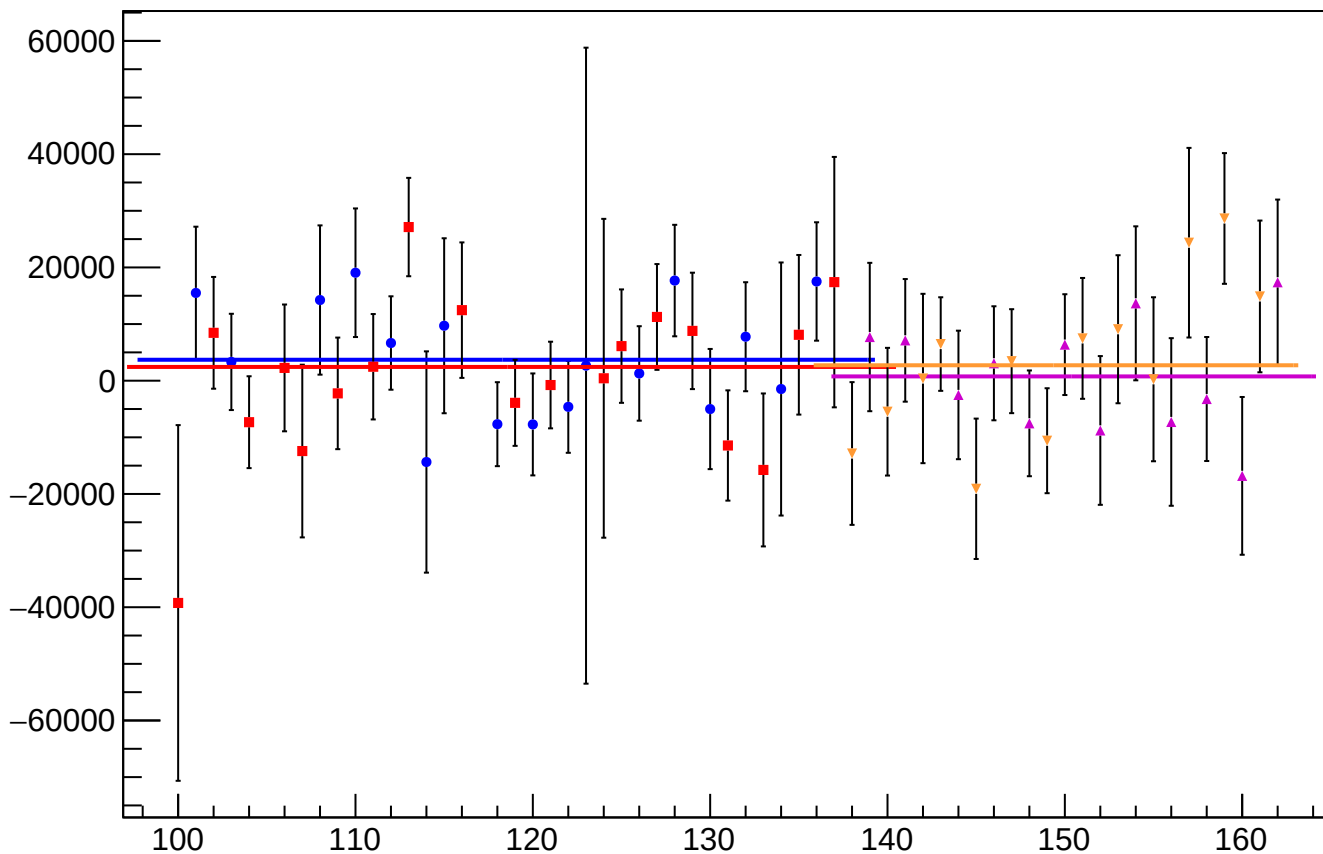
Out: 1123.679+/-0.409

χ^2/NDF : 26228115.2/31

All: 1415.396+/-0.358

χ^2/NDF : 51045880.6/6

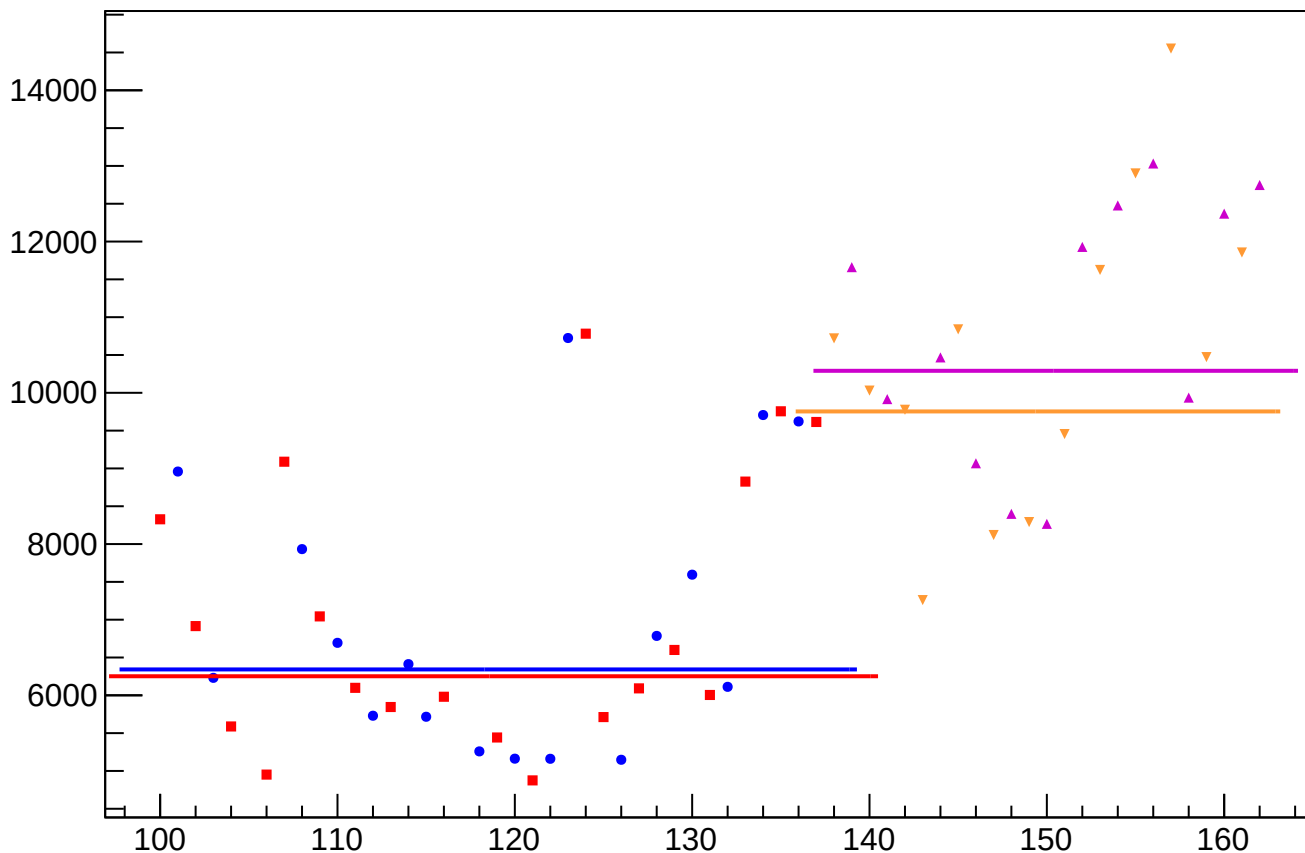
asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 ± 2517.949 χ^2/NDF : 14.4/16
Left Out: 2723.934 ± 3172.354 χ^2/NDF : 15.5/12
Right Out: 2430.229 ± 2421.418 χ^2/NDF : 20.3/18
Left In: 757.329 ± 3332.536 χ^2/NDF : 6.7/11

Left: 1789.030 ± 2297.735 χ^2/NDF : 22.3/24
Right: 3039.559 ± 1745.330 χ^2/NDF : 34.8/35
In: 2629.600 ± 2008.980 χ^2/NDF : 21.6/28
Out: 2538.351 ± 1924.789 χ^2/NDF : 35.8/31
All: 2582.023 ± 1389.842 χ^2/NDF : 57.3/60

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9753.705+/-2.243 χ^2/NDF : 682145.7/12

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10290.876+/-2.356 χ^2/NDF : 494365.0/11

Left: 10009.071+/-1.625 χ^2/NDF : 1203771.8/24

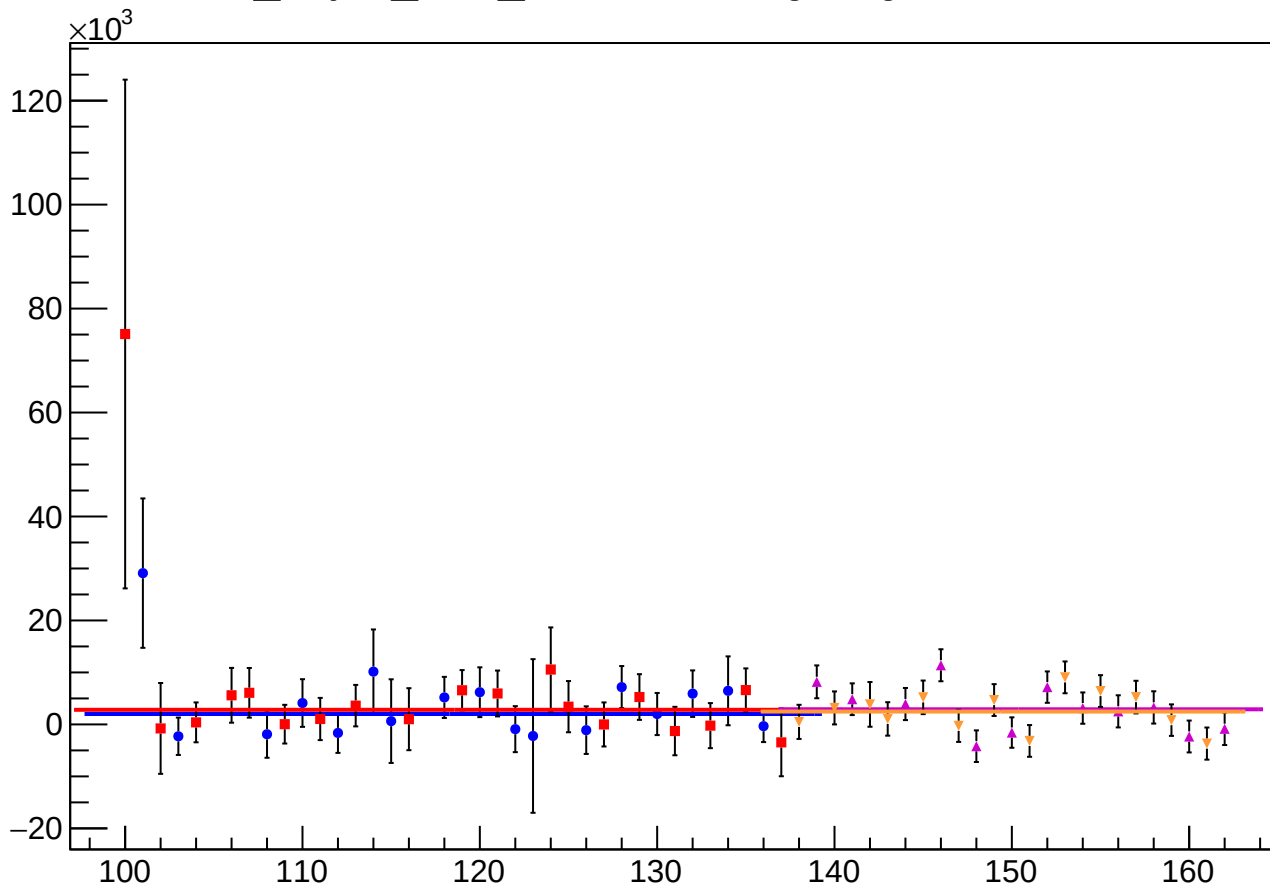
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7777.275+/-1.421 χ^2/NDF : 2875402.5/28

Out: 7541.099+/-1.361 χ^2/NDF : 2759866.8/31

All: 7654.132+/-0.983 χ^2/NDF : 5649681.4/60

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2479.827 $\pm$ 882.042 χ^2 /NDF: 17.5/12

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2908.063 $\pm$ 884.061 χ^2 /NDF: 25.0/11

Left: 2693.455 $\pm$ 624.410 χ^2 /NDF: 42.7/24

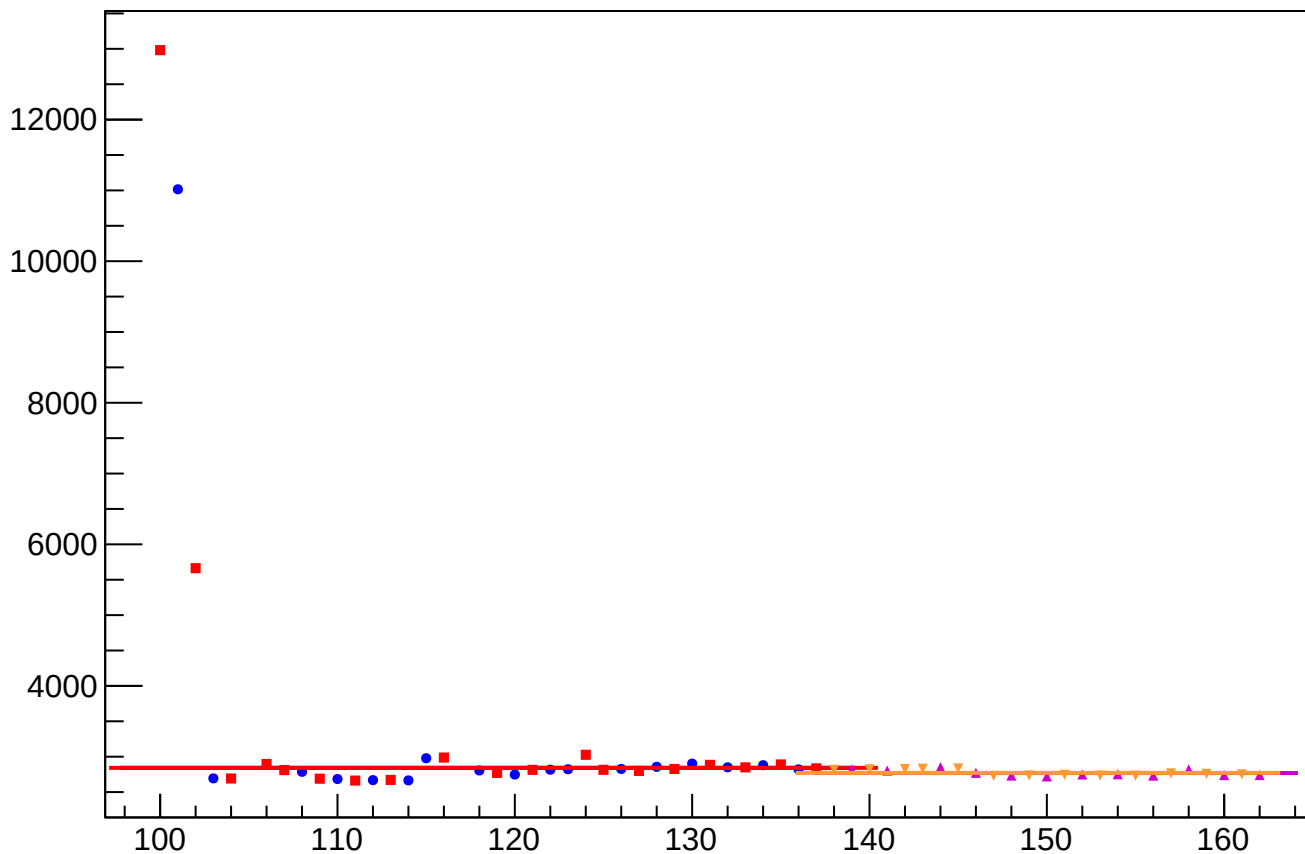
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2563.304 $\pm$ 695.215 χ^2 /NDF: 39.1/28

Out: 2611.656 $\pm$ 684.804 χ^2 /NDF: 28.1/31

All: 2587.845 $\pm$ 487.869 χ^2 /NDF: 67.2/60

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.116+/-0.624 χ^2/NDF : 4210.5/12

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2769.034+/-0.625 χ^2/NDF : 4343.5/11

Left: 2770.077+/-0.442 χ^2/NDF : 8559.6/24

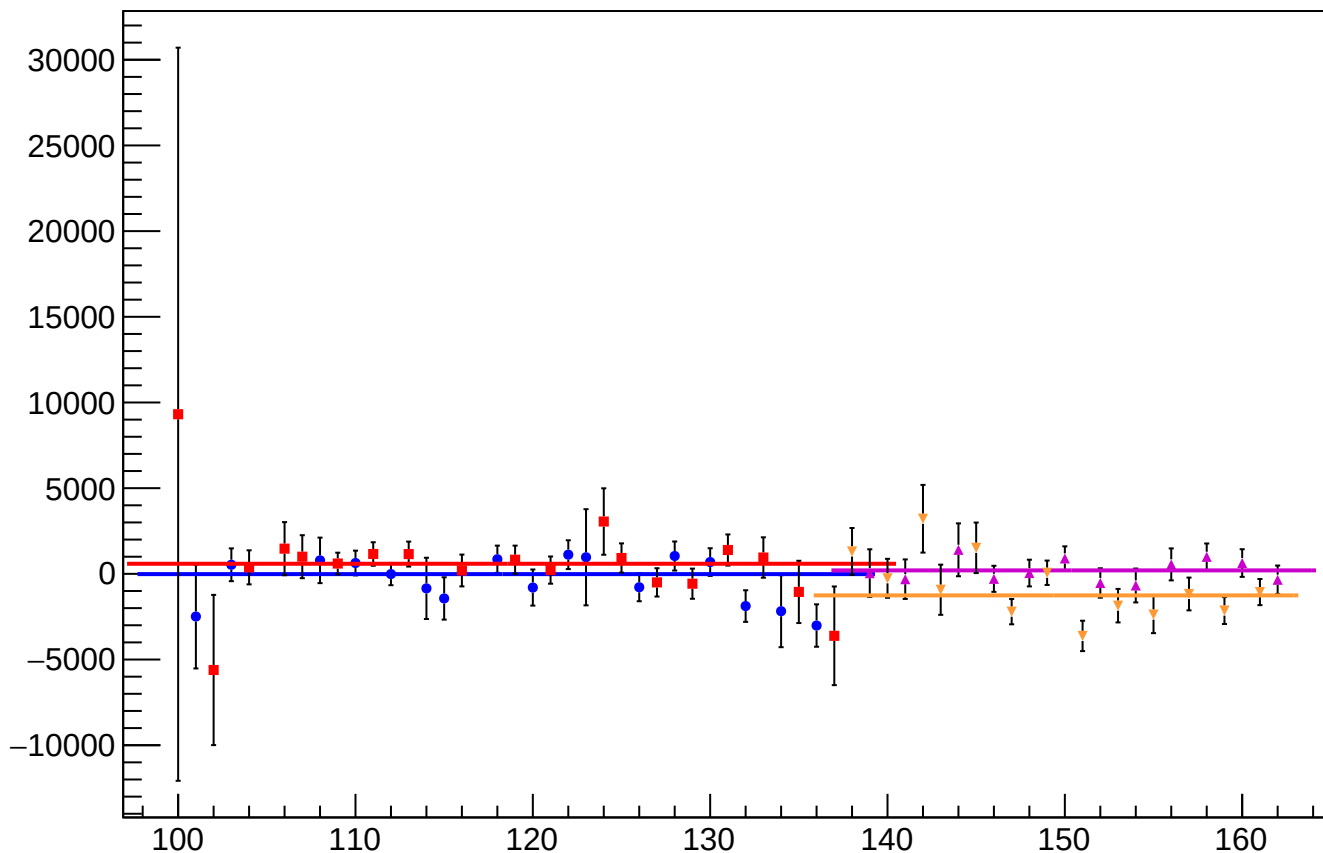
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2797.117+/-0.492 χ^2/NDF : 669937.4/28

Out: 2799.448+/-0.484 χ^2/NDF : 321740.9/31

All: 2798.300+/-0.345 χ^2/NDF : 991689.7/60

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1257.209 $\pm$ 268.243 χ^2/NDF :28.0/12

Right Out: 588.581 $\pm$ 225.799 χ^2/NDF : 13.5/18

Left In: 202.062 $\pm$ 256.063 χ^2/NDF :5.7/11

Left: -493.690 $\pm$ 185.220 χ^2/NDF : 49.2/24

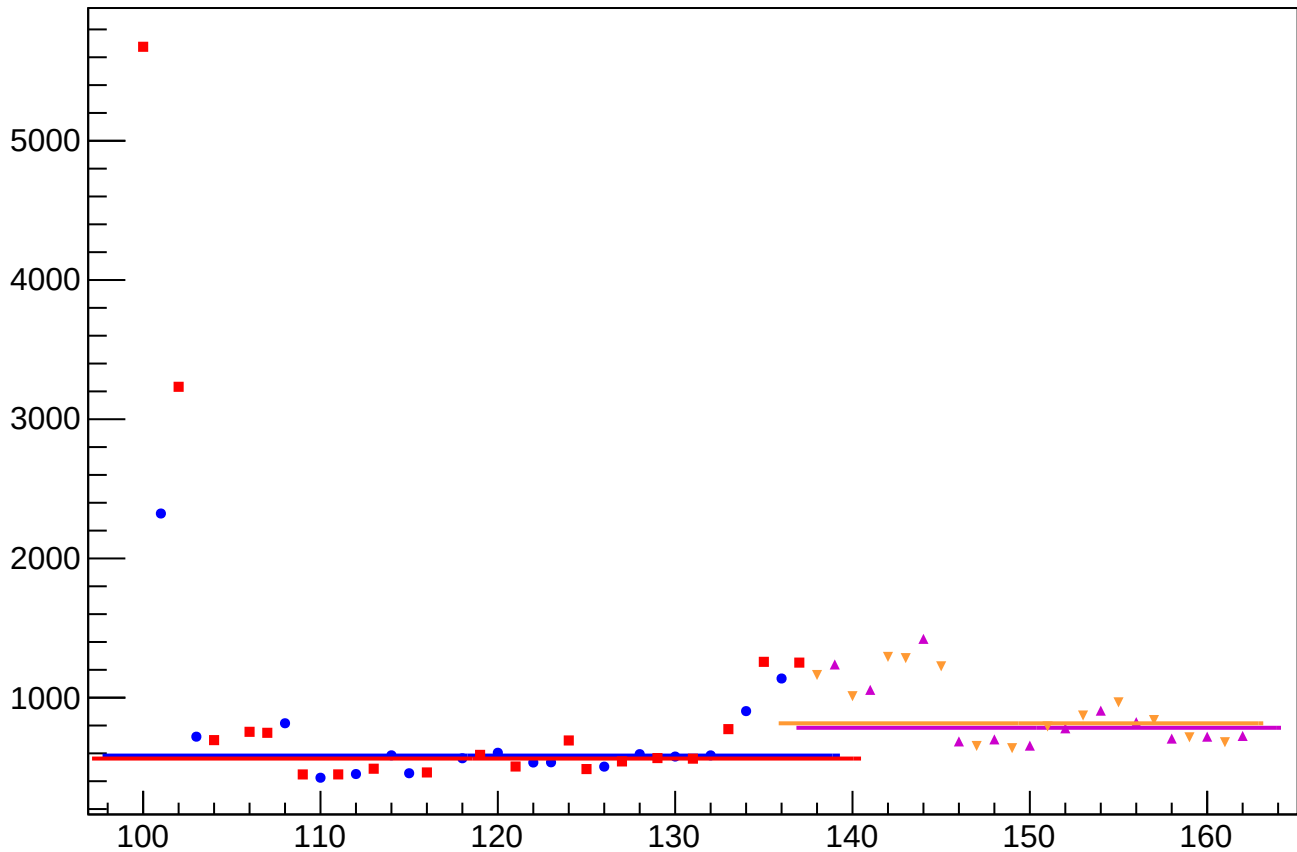
Right: 303.449 $\pm$ 164.088 χ^2/NDF : 38.5/35

In: 85.659 $\pm$ 174.666 χ^2/NDF :27.7/28

Out: -176.898 $\pm$ 172.745 χ^2/NDF :69.2/31

All: -47.071 $\pm$ 122.822 χ^2/NDF : 98.0/60

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 815.809+/-0.190 χ^2/NDF :1030049.4/12

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 783.705+/-0.181 χ^2/NDF :866900.4/11

Left: 799.012+/-0.131 χ^2/NDF : 1911938.4/24

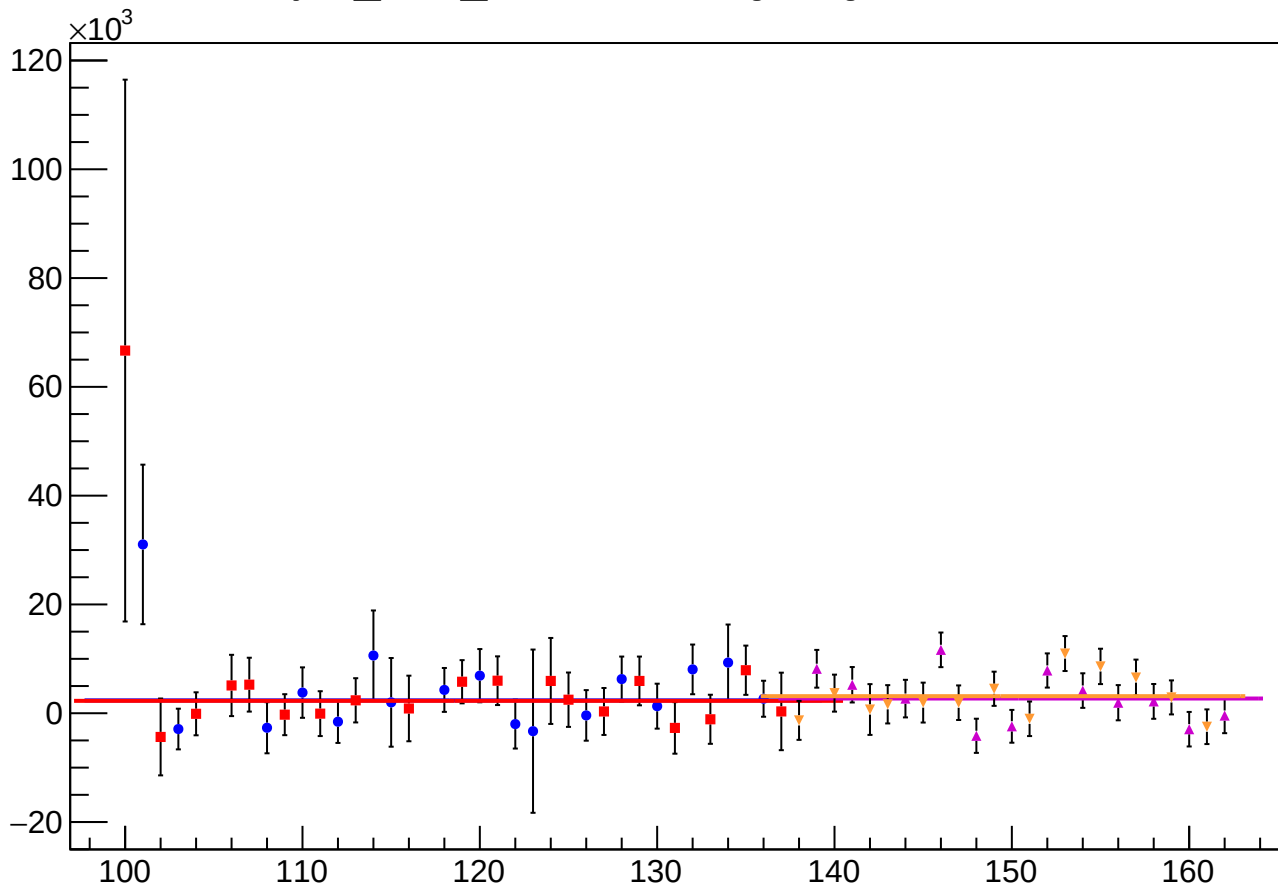
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 676.950+/-0.124 χ^2/NDF :2953639.2/28

Out: 667.663+/-0.122 χ^2/NDF :3711888.4/31

All: 672.255+/-0.087 χ^2/NDF : 6668385.7/60

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3138.110 $\pm$ 932.884 χ^2 /NDF:17.2/12

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2705.190 $\pm$ 928.824 χ^2 /NDF:25.7/11

Left: 2920.706 $\pm$ 658.208 χ^2 /NDF: 43.0/24

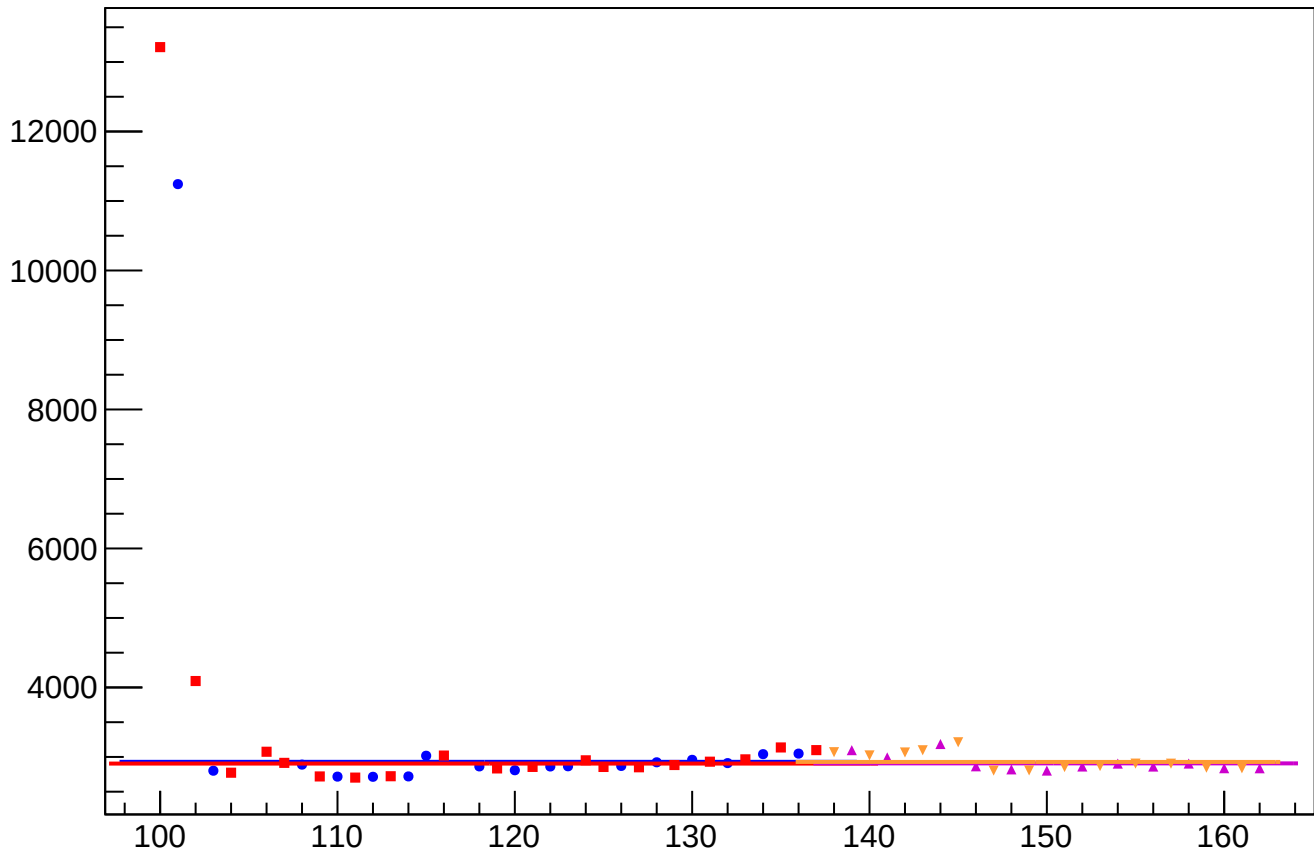
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2571.421 $\pm$ 725.025 χ^2 /NDF:40.8/28

Out: 2782.488 $\pm$ 714.601 χ^2 /NDF:27.7/31

All: 2678.483 $\pm$ 508.945 χ^2 /NDF: 68.6/60

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2928.155+/-0.660 χ^2/NDF : 33917.3/12

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2907.446+/-0.657 χ^2/NDF : 27337.2/11

Left: 2917.756+/-0.465 χ^2/NDF : 61749.4/24

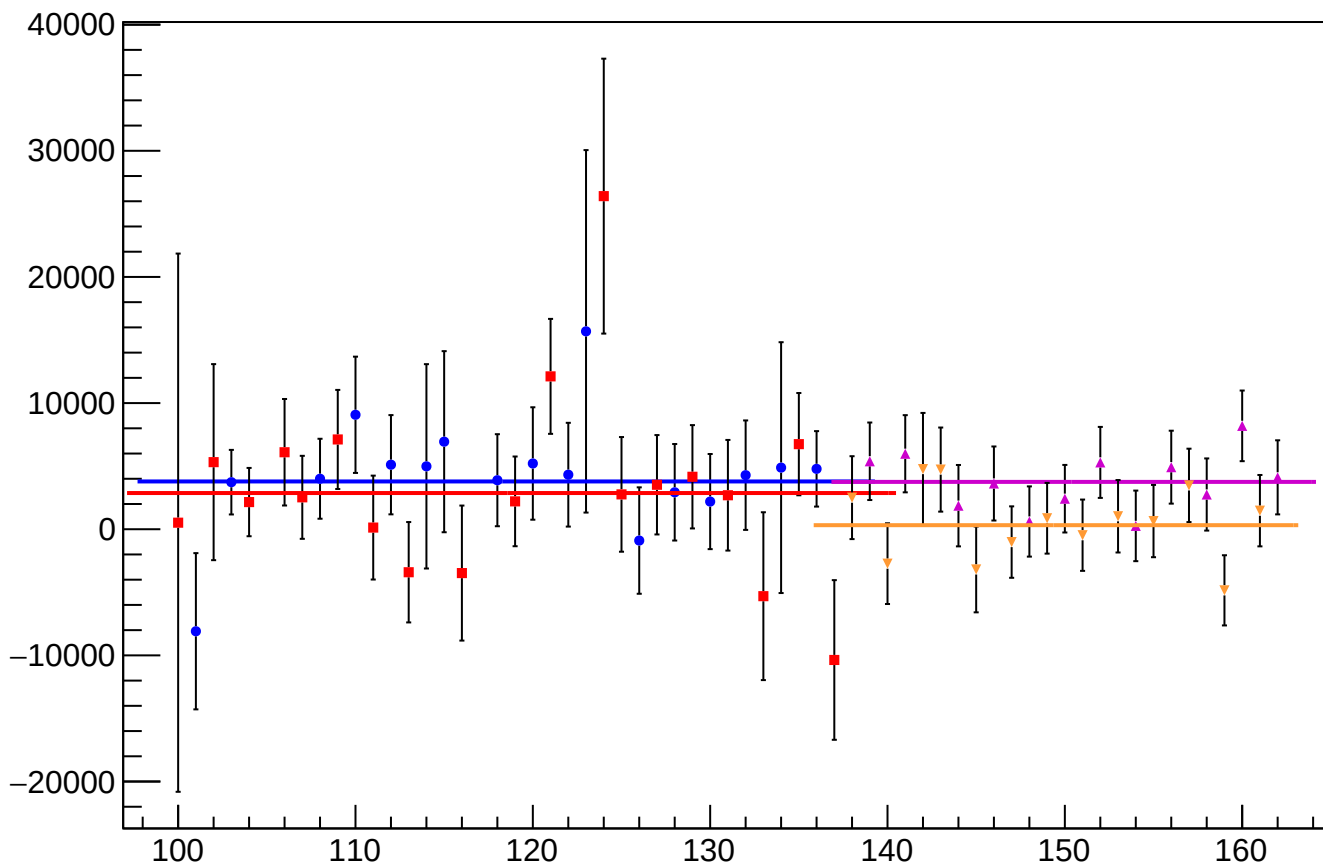
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2916.123+/-0.513 χ^2/NDF : 690412.9/28

Out: 2918.409+/-0.505 χ^2/NDF : 203734.2/31

All: 2917.282+/-0.360 χ^2/NDF : 894157.2/60

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 320.881+/-842.231 χ^2/NDF :10.4/12

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3752.715+/-835.357 χ^2/NDF :7.4/11

Left: 2050.860+/-593.102 χ^2/NDF : 26.1/24

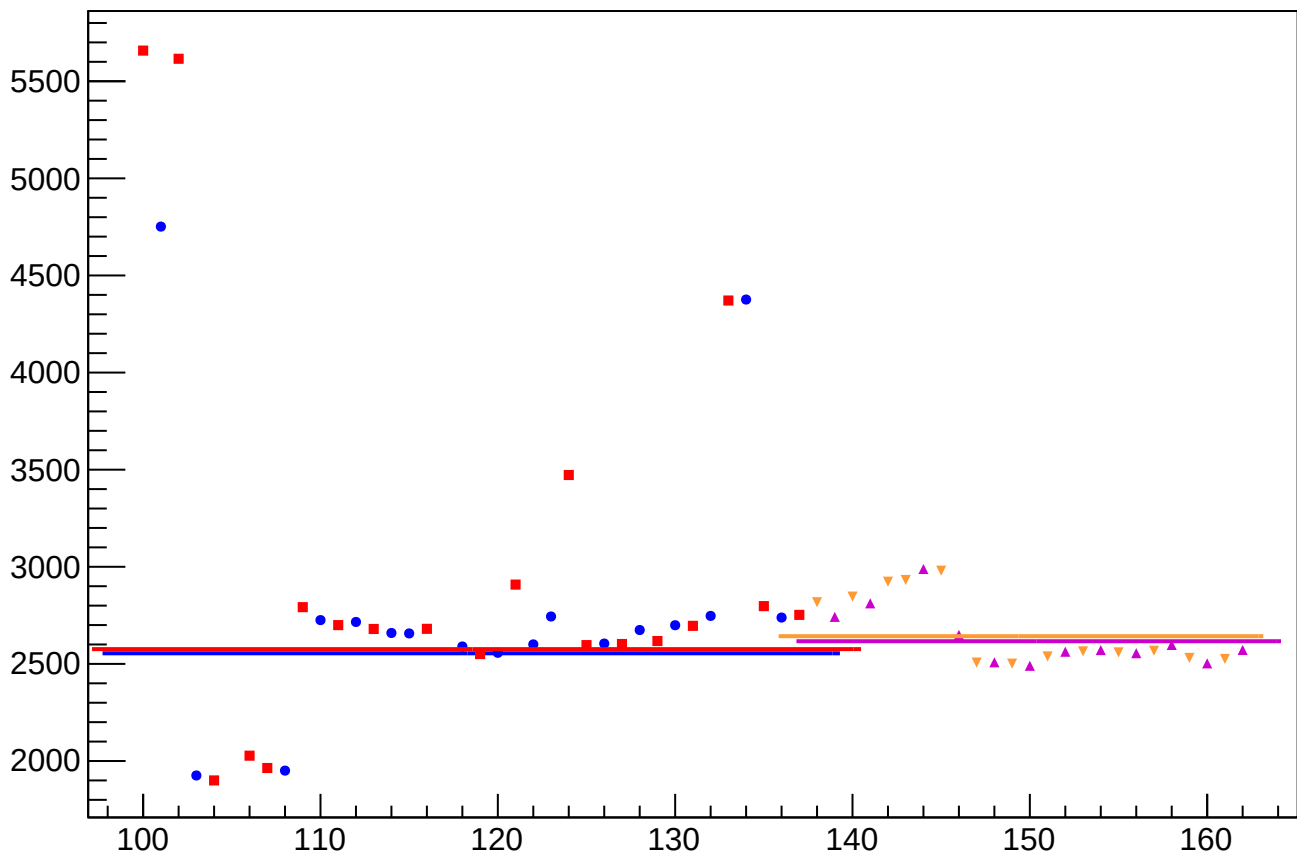
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3767.014+/-643.225 χ^2/NDF :15.1/28

Out: 1374.844+/-644.983 χ^2/NDF :36.2/31

All: 2574.195+/-455.449 χ^2/NDF : 58.2/60

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2642.591 $\pm$ 0.596 χ^2 /NDF: 80009.6/12

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2616.709 $\pm$ 0.591 χ^2 /NDF: 51837.5/11

Left: 2629.544 $\pm$ 0.419 χ^2 /NDF: 132799.2/24

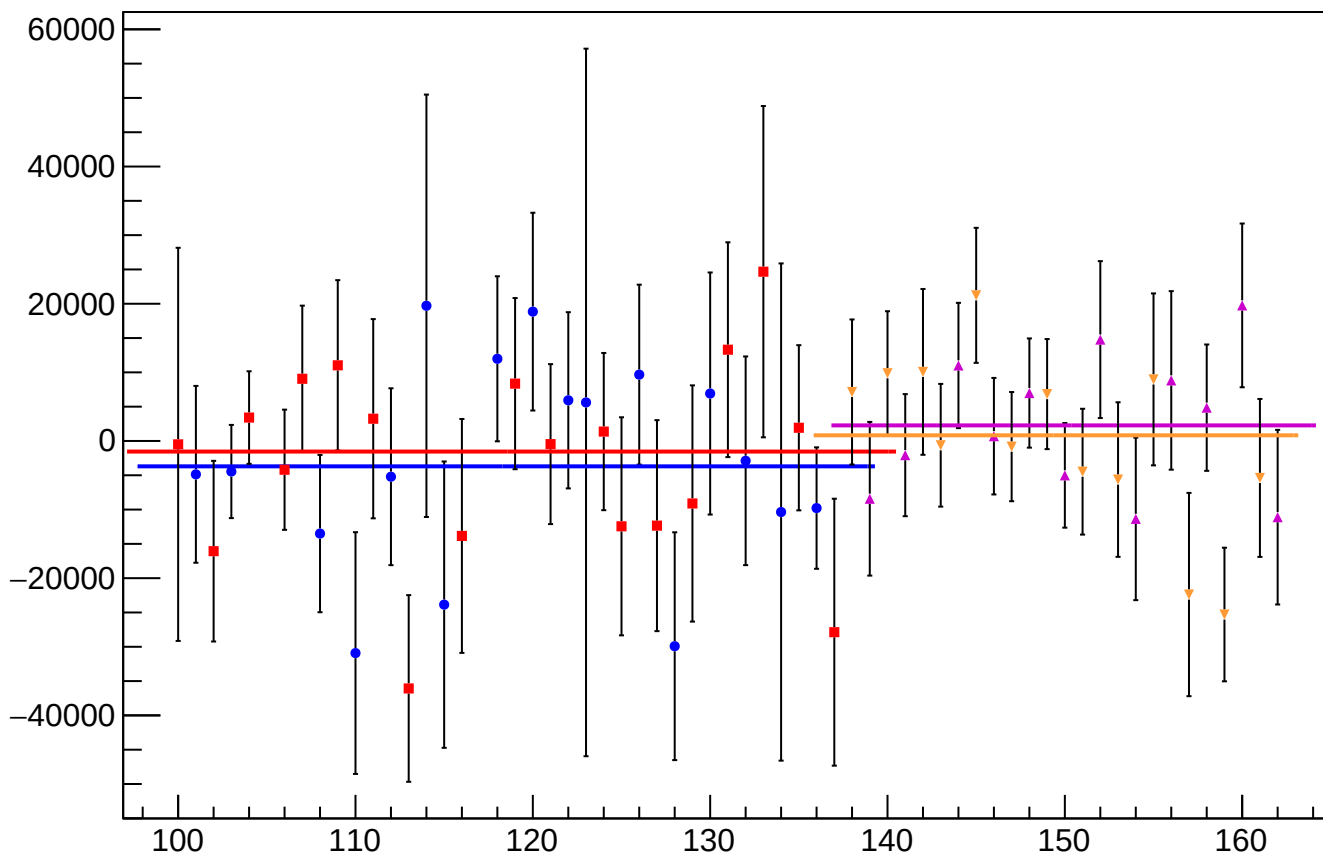
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2591.398 $\pm$ 0.455 χ^2 /NDF: 592973.4/28

Out: 2615.072 $\pm$ 0.456 χ^2 /NDF: 850327.2/31

All: 2603.205 $\pm$ 0.322 χ^2 /NDF: 1444651.6/60

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 825.792 ± 2763.103 $\chi^2/\text{NDF}: 17.9/12$

Right Out: -1544.858 ± 2896.847 $\chi^2/\text{NDF}: 16.8/18$

Left In: 2270.261 ± 2827.004 $\chi^2/\text{NDF}: 9.5/11$

Left: 1531.517 ± 1976.014 $\chi^2/\text{NDF}: 27.5/24$

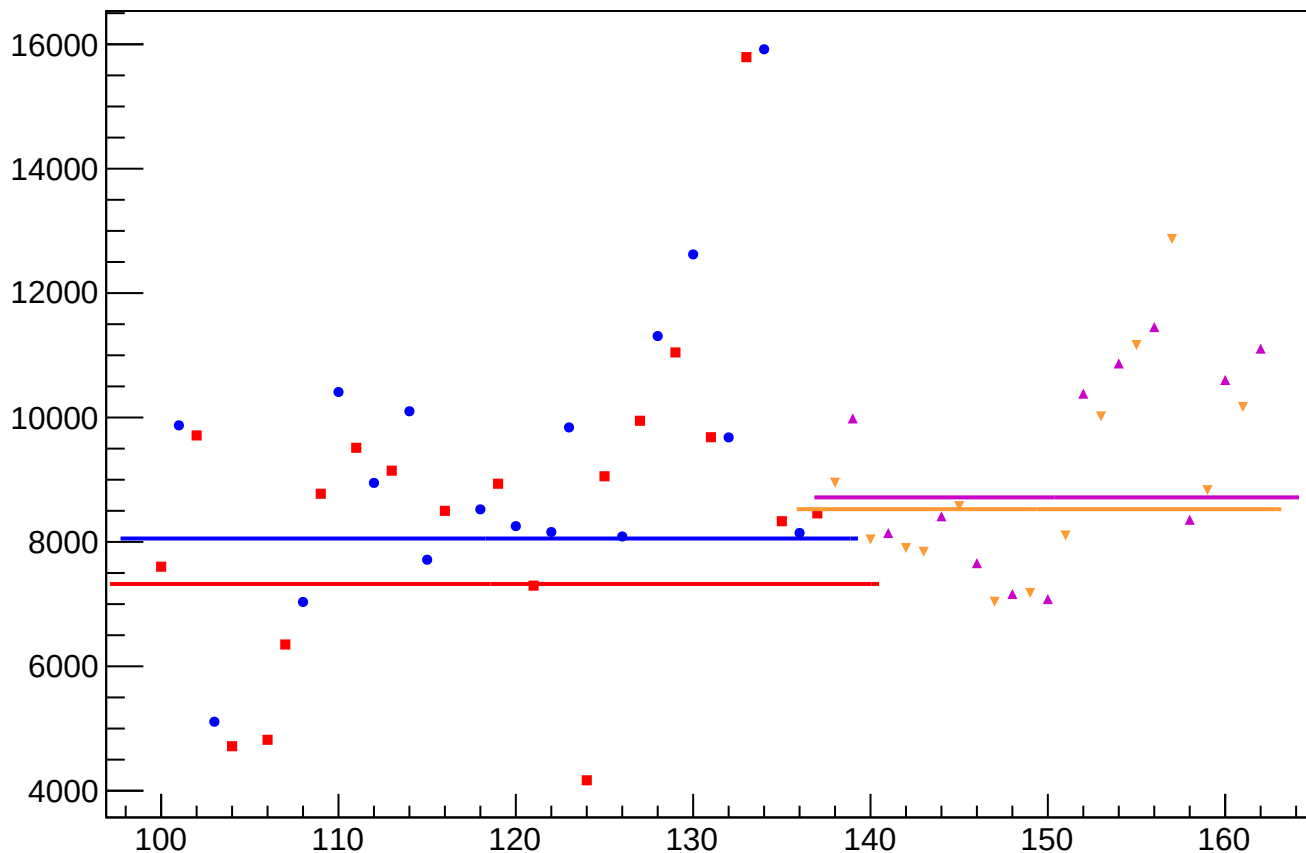
Right: -2509.390 ± 2152.947 $\chi^2/\text{NDF}: 30.8/35$

In: -330.252 ± 2123.807 $\chi^2/\text{NDF}: 25.2/28$

Out: -303.546 ± 1999.419 $\chi^2/\text{NDF}: 35.0/31$

All: -316.094 ± 1455.792 $\chi^2/\text{NDF}: 60.3/60$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8526.513+/-1.954 χ^2/NDF : 495127.8/12

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 8716.076+/-1.999 χ^2/NDF : 556170.8/11

Left: 8619.128+/-1.397 χ^2/NDF : 1055897.7/24

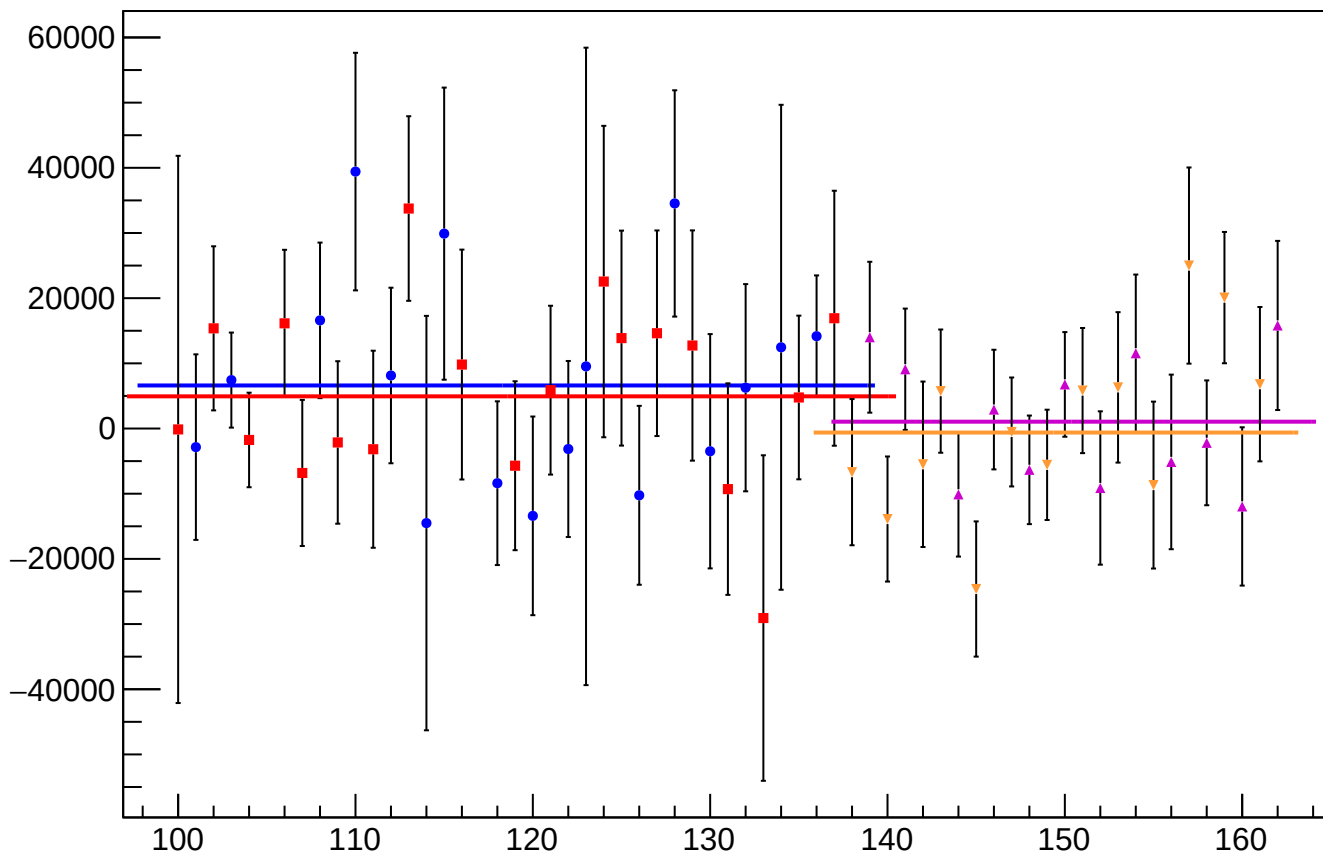
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8428.004+/-1.502 χ^2/NDF : 1424607.9/28

Out: 7953.795+/-1.414 χ^2/NDF : 2011642.2/31

All: 8176.606+/-1.029 χ^2/NDF : 3489110.5/60

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -615.139+/-2890.931 χ^2/NDF : 17.2/12

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1049.043+/-2948.094 χ^2/NDF : 9.0/11

Left: 200.661+/-2064.110 χ^2/NDF : 26.4/24

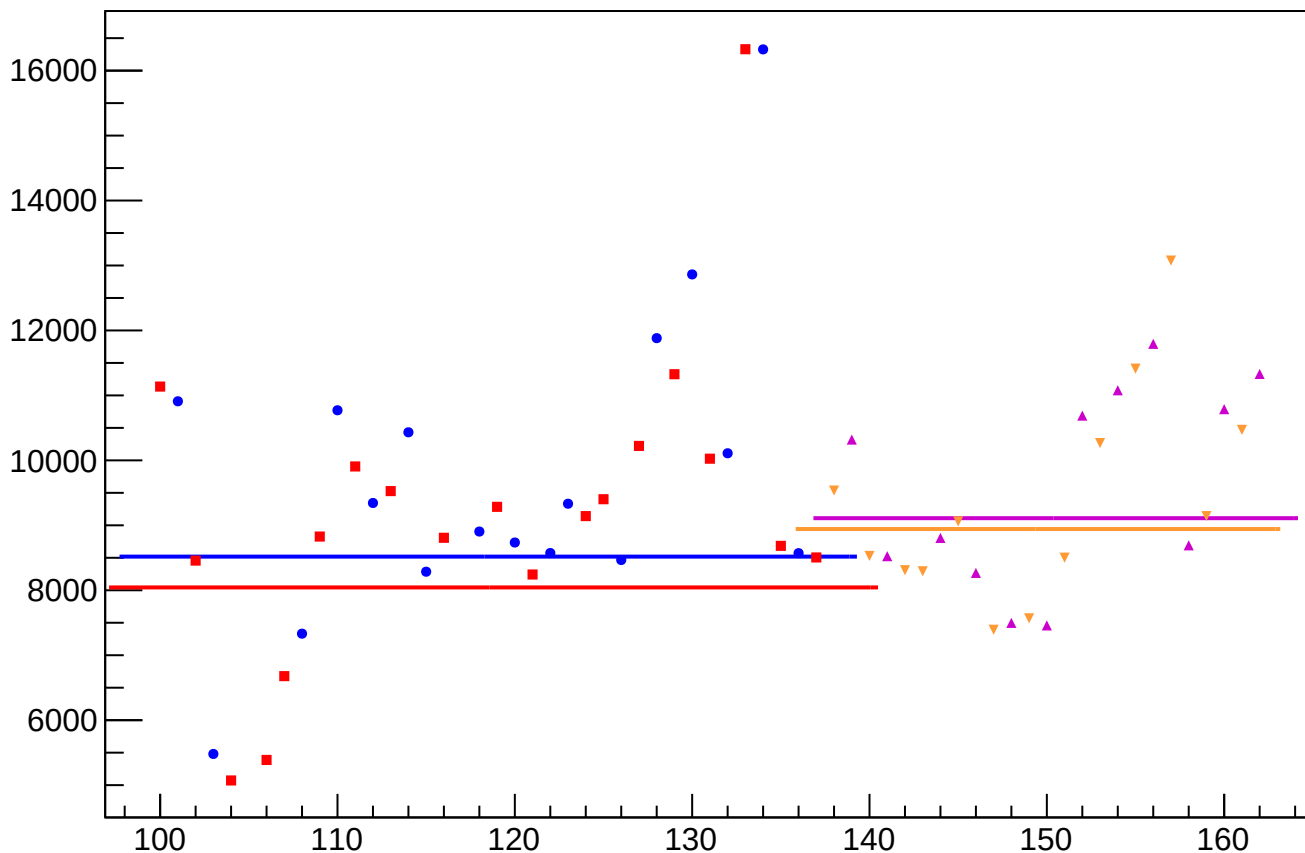
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3437.813+/-2226.216 χ^2/NDF : 25.2/28

Out: 1908.518+/-2135.385 χ^2/NDF : 32.5/31

All: 2641.332+/-1541.056 χ^2/NDF : 57.9/60

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8942.852+/-2.044 χ^2/NDF : 435433.6/12

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9109.808+/-2.085 χ^2/NDF : 478206.8/11

Left: 9024.696+/-1.460 χ^2/NDF : 916910.4/24

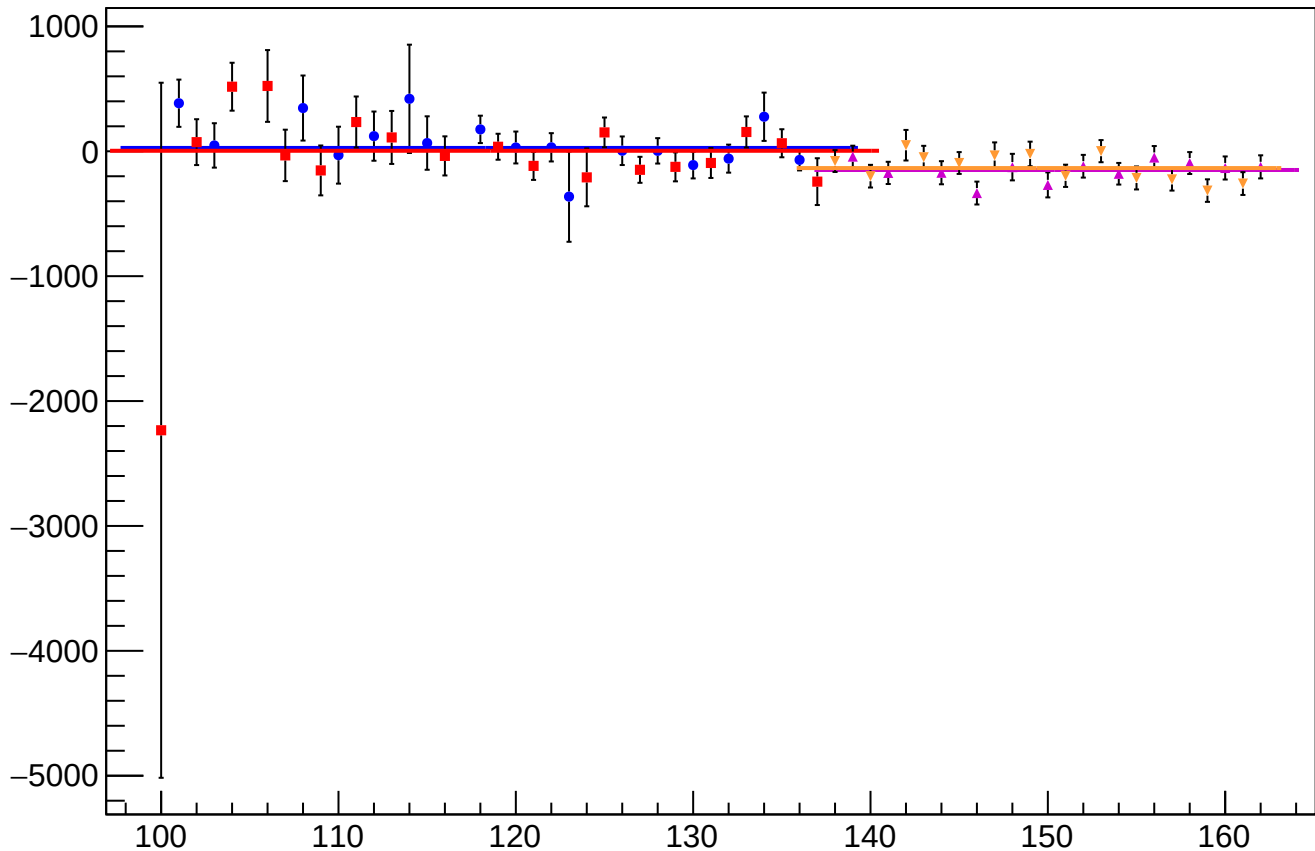
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8855.585+/-1.574 χ^2/NDF : 1284807.1/28

Out: 8534.289+/-1.510 χ^2/NDF : 1476913.0/31

All: 8688.246+/-1.090 χ^2/NDF : 2783417.0/60

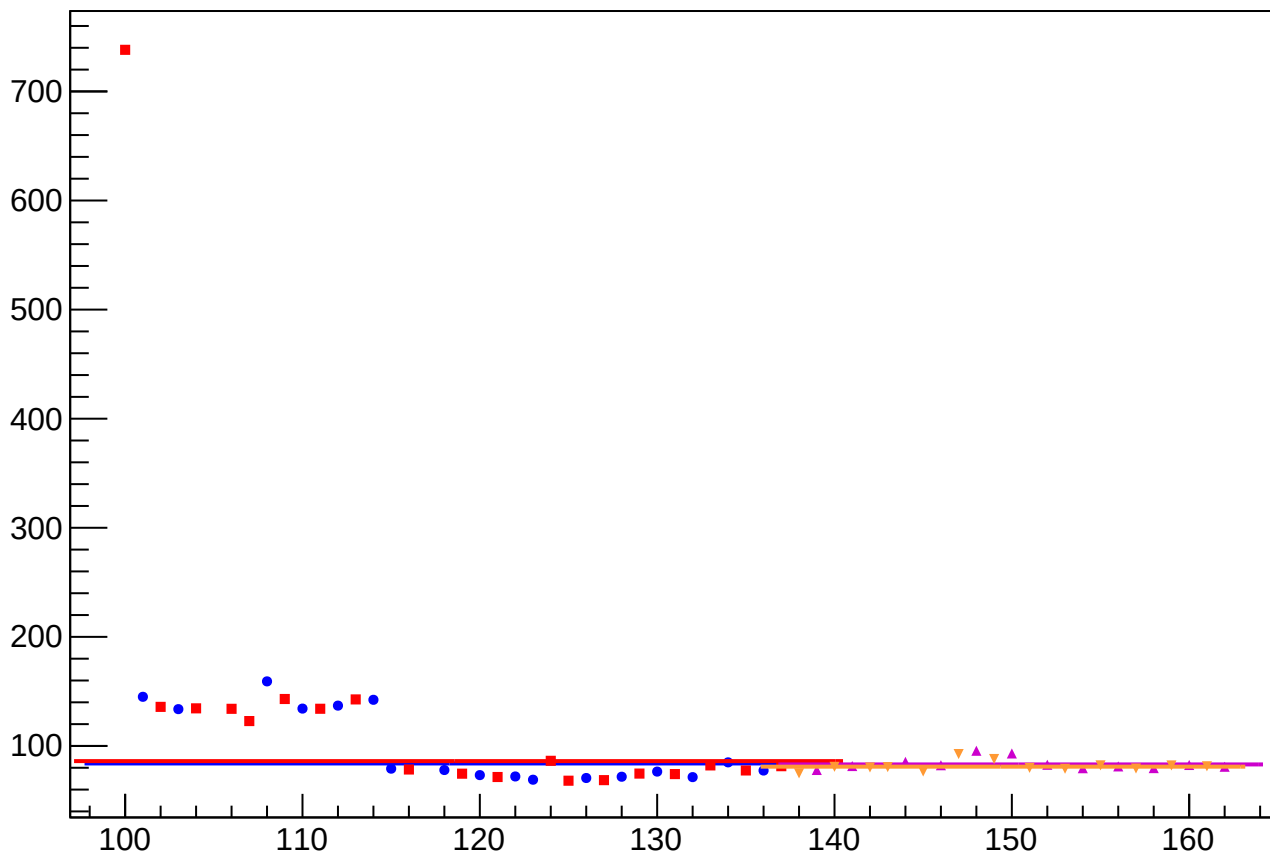
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -134.472 ± 25.803 $\chi^2/\text{NDF}: 16.9/12$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -149.731 ± 26.555 $\chi^2/\text{NDF}: 9.1/11$

Left: -141.882 ± 18.506 $\chi^2/\text{NDF}: 26.2/24$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -81.957 ± 20.840 $\chi^2/\text{NDF}: 40.6/28$
Out: -83.557 ± 20.519 $\chi^2/\text{NDF}: 52.1/31$
All: -82.770 ± 14.621 $\chi^2/\text{NDF}: 92.7/60$

dit_asym_sam1_rms vs Slug, Sign Corrected



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

Left Out: 81.022 $\pm$ 0.018 χ^2 /NDF: 52210.5/12

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.063 $\pm$ 0.019 χ^2 /NDF: 64852.9/11

Left: 82.014 $\pm$ 0.013 χ^2 /NDF: 123140.7/24

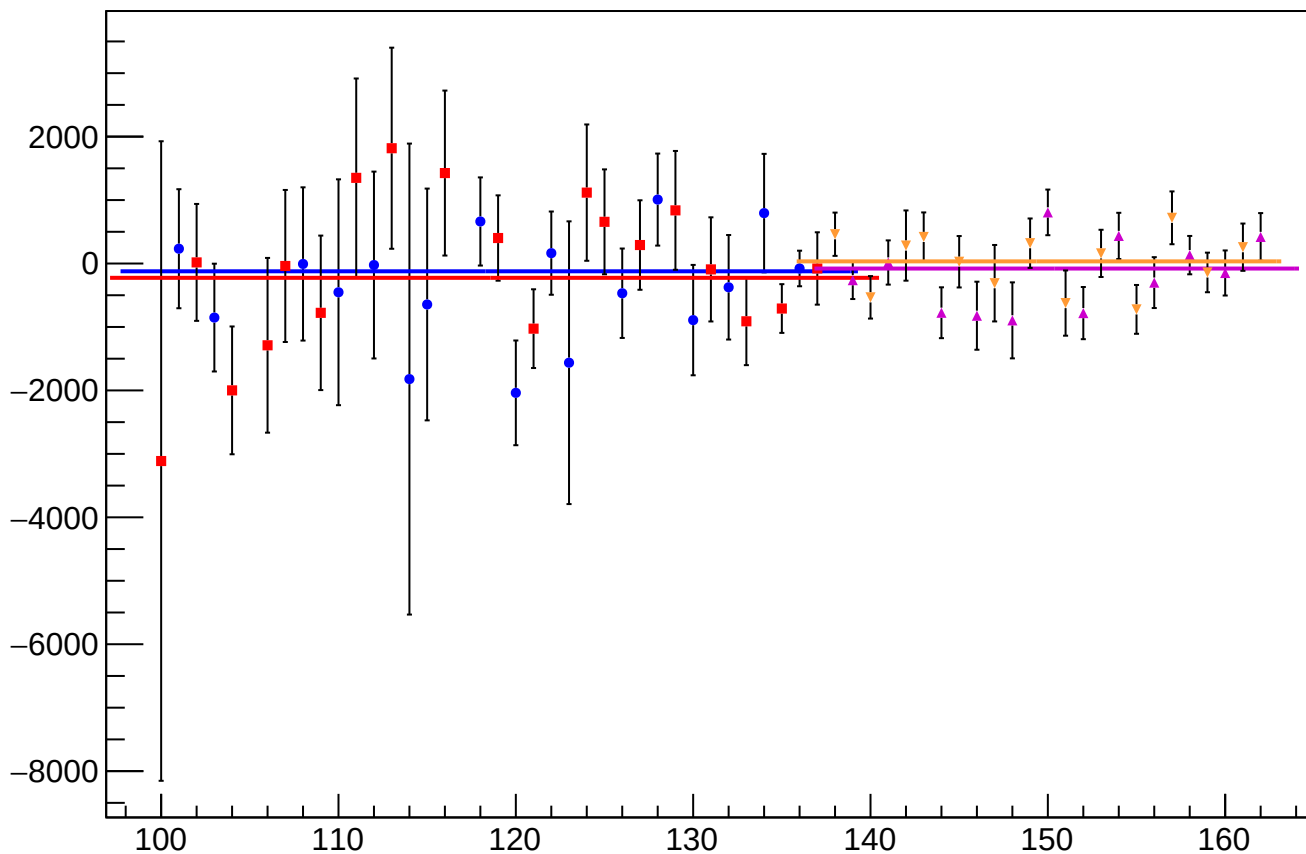
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.408 $\pm$ 0.015 χ^2 /NDF: 1025983.4/28

Out: 82.892 $\pm$ 0.015 χ^2 /NDF: 1217007.9/31

All: 83.146 $\pm$ 0.010 χ^2 /NDF: 2243613.1/60

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: 33.842 $\pm$ 109.149 χ^2 /NDF:15.5/12

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -79.300 $\pm$ 108.209 χ^2 /NDF:20.8/11

Left: -23.219 $\pm$ 76.846 χ^2 /NDF: 36.9/24

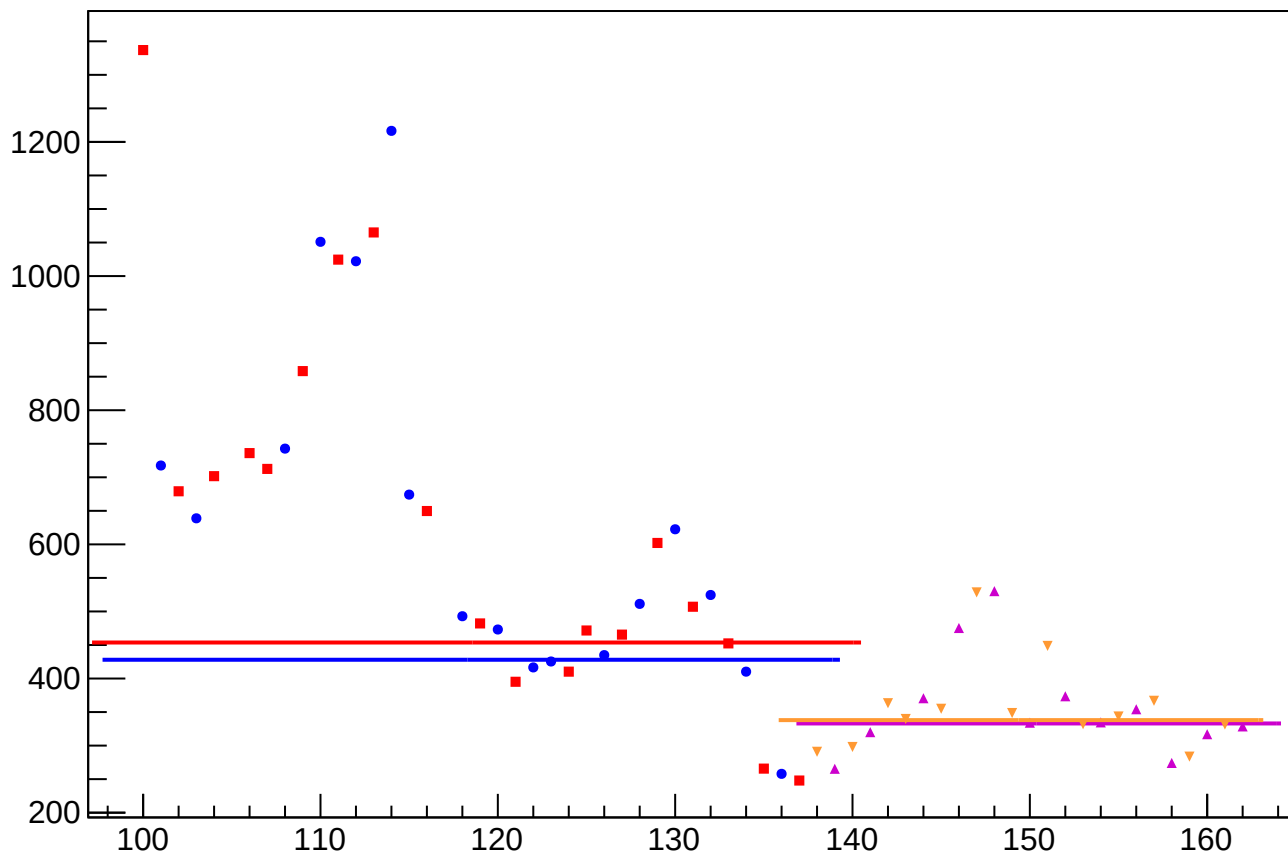
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -90.783 $\pm$ 92.684 χ^2 /NDF:33.9/28

Out: -33.117 $\pm$ 94.004 χ^2 /NDF:35.3/31

All: -62.357 $\pm$ 65.999 χ^2 /NDF: 69.4/60

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.984+/-0.077 χ^2/NDF : 440591.9/12

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 333.011+/-0.077 χ^2/NDF : 586729.4/11

Left: 335.476+/-0.054 χ^2/NDF : 1029414.8/24

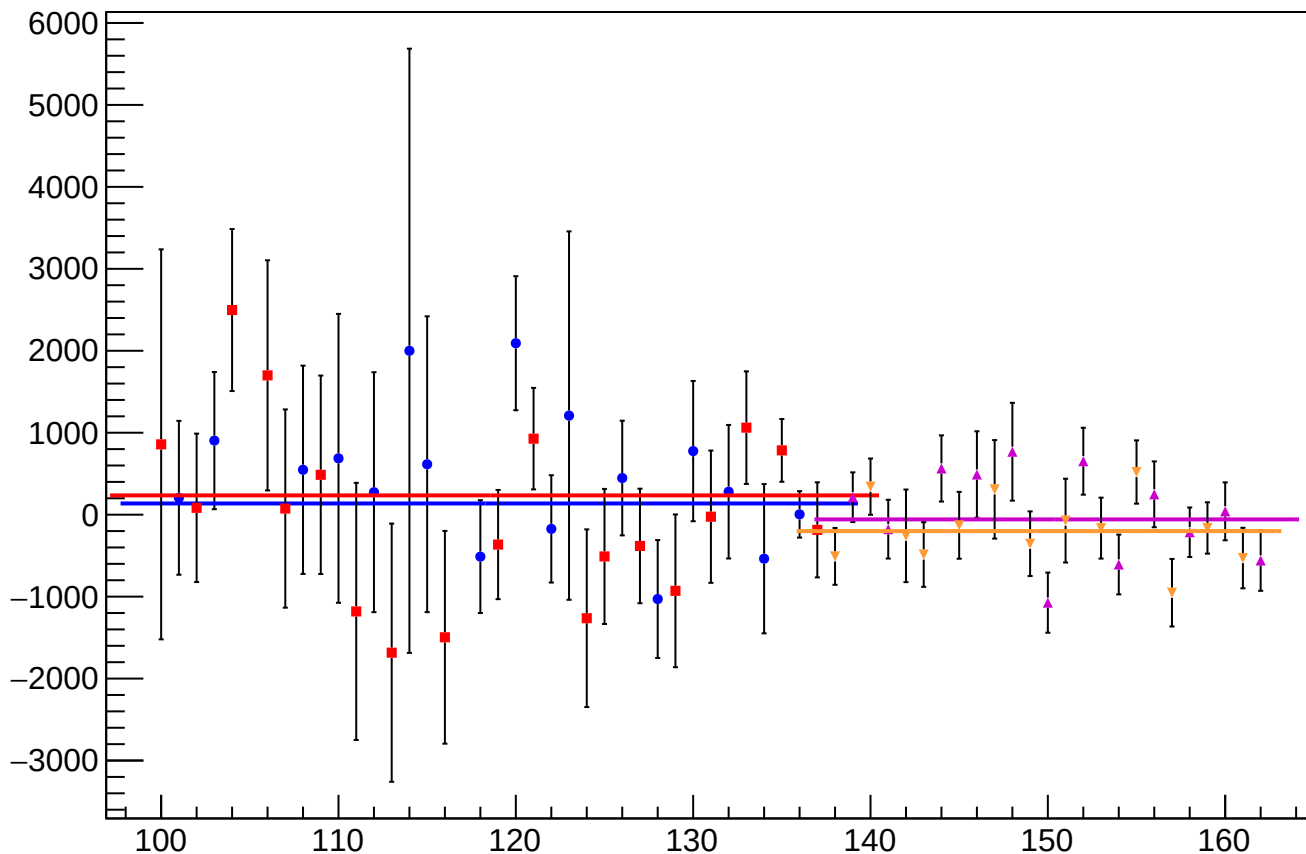
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 358.308+/-0.066 χ^2/NDF : 3059347.0/28

Out: 367.869+/-0.066 χ^2/NDF : 3155687.6/31

All: 363.021+/-0.047 χ^2/NDF : 6225525.8/60

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -200.220 $\pm$ 109.934 χ^2 /NDF:12.4/12

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -57.561 $\pm$ 108.740 χ^2 /NDF:22.0/11

Left: -128.112 $\pm$ 77.310 χ^2 /NDF: 35.3/24

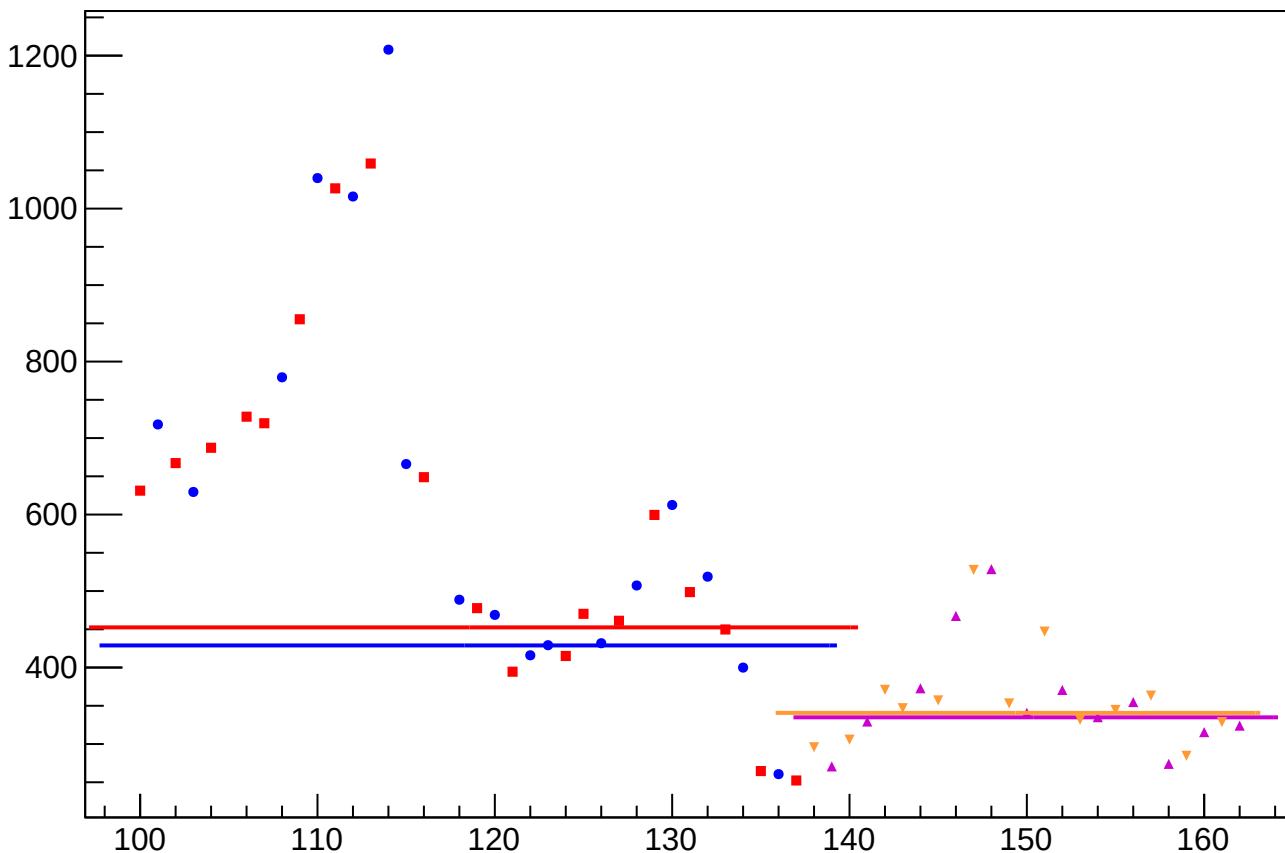
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: -5.426 $\pm$ 93.021 χ^2 /NDF:35.5/28

Out: -85.665 $\pm$ 94.376 χ^2 /NDF:38.4/31

All: -44.965 $\pm$ 66.250 χ^2 /NDF: 74.2/60

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 ± 0.127 χ^2/NDF : 2010592.5/16

Left Out: 340.696 ± 0.078 χ^2/NDF : 419158.0/12

Right Out: 452.487 ± 0.130 χ^2/NDF : 2042099.3/18

Left In: 334.871 ± 0.077 χ^2/NDF : 554288.3/11

Left: 337.752 ± 0.055 χ^2/NDF : 976284.8/24

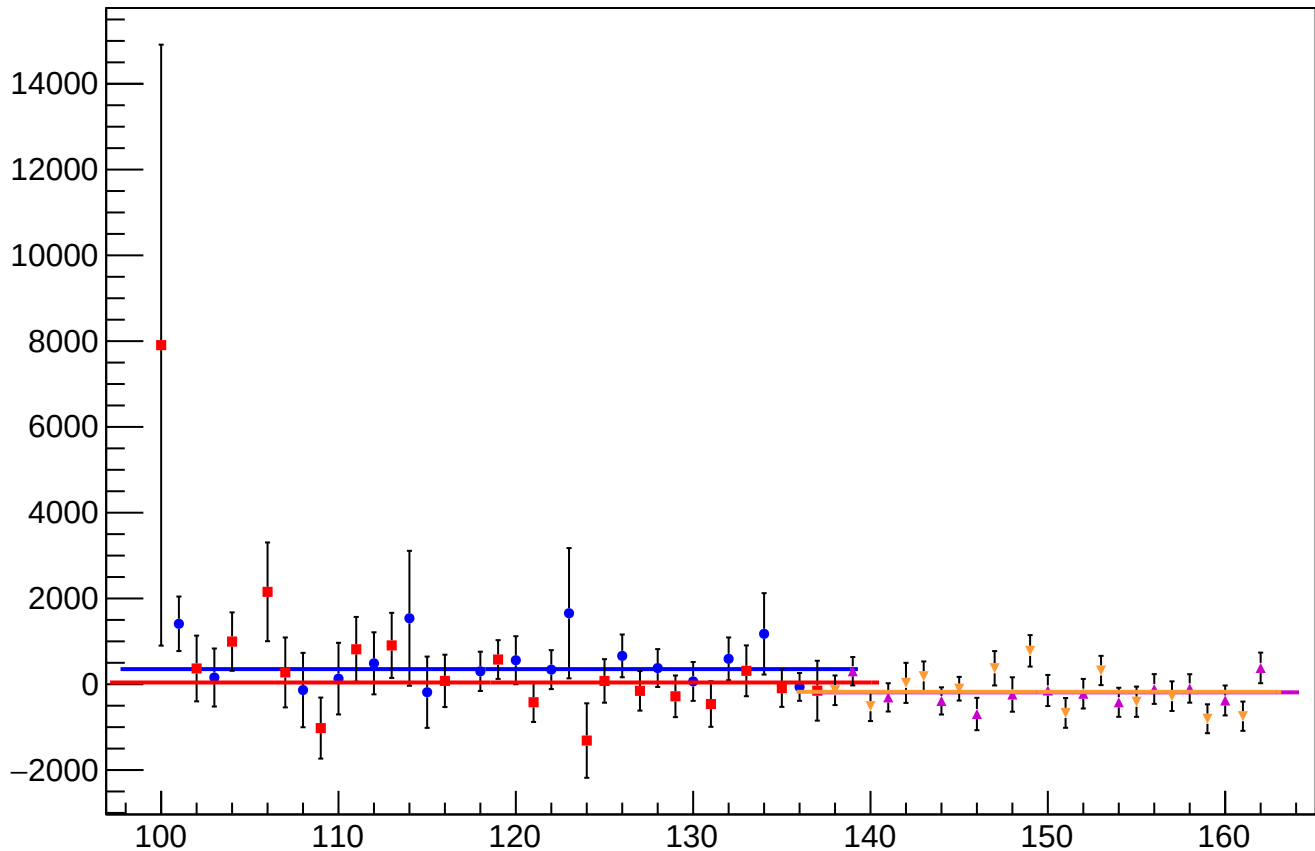
Right: 440.401 ± 0.091 χ^2/NDF : 4069533.6/35

In: 360.089 ± 0.066 χ^2/NDF : 2965912.1/28

Out: 370.098 ± 0.067 χ^2/NDF : 3005191.3/31

All: 365.021 ± 0.047 χ^2/NDF : 5982513.4/60

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -176.156 $\pm$ 96.636 χ^2/NDF :21.9/12

Right Out: 41.079 $\pm$ 138.996 χ^2/NDF : 18.2/18

Left In: -188.725 $\pm$ 100.147 χ^2/NDF :8.0/11

Left: -182.216 $\pm$ 69.540 χ^2/NDF : 29.9/24

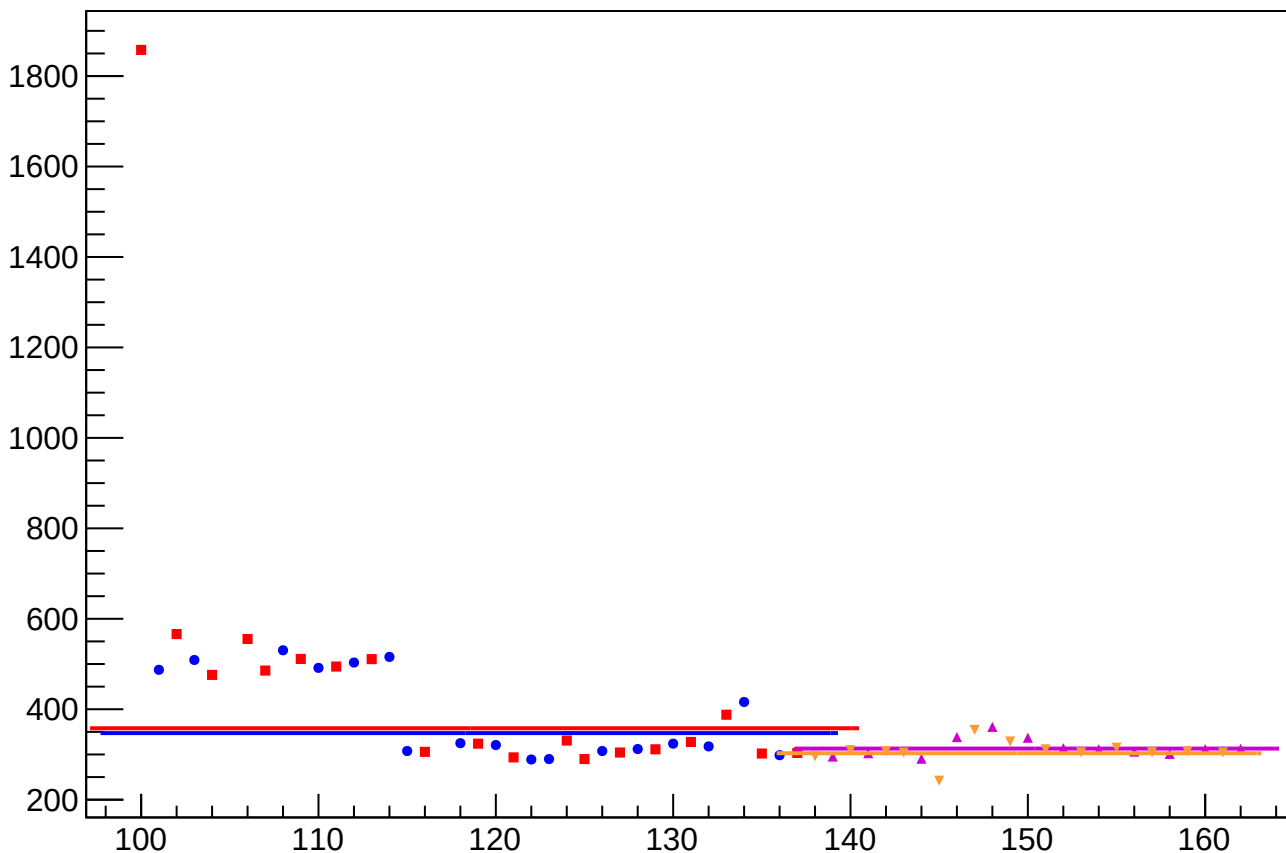
Right: 198.919 $\pm$ 97.679 χ^2/NDF : 29.3/35

In: -0.620 $\pm$ 80.910 χ^2/NDF :26.7/28

Out: -105.368 $\pm$ 79.344 χ^2/NDF :41.7/31

All: -54.018 $\pm$ 56.650 χ^2/NDF : 69.2/60

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.735+/-0.068 χ^2/NDF : 145551.3/12

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 313.038+/-0.071 χ^2/NDF : 67423.3/11

Left: 307.703+/-0.049 χ^2/NDF : 223936.3/24

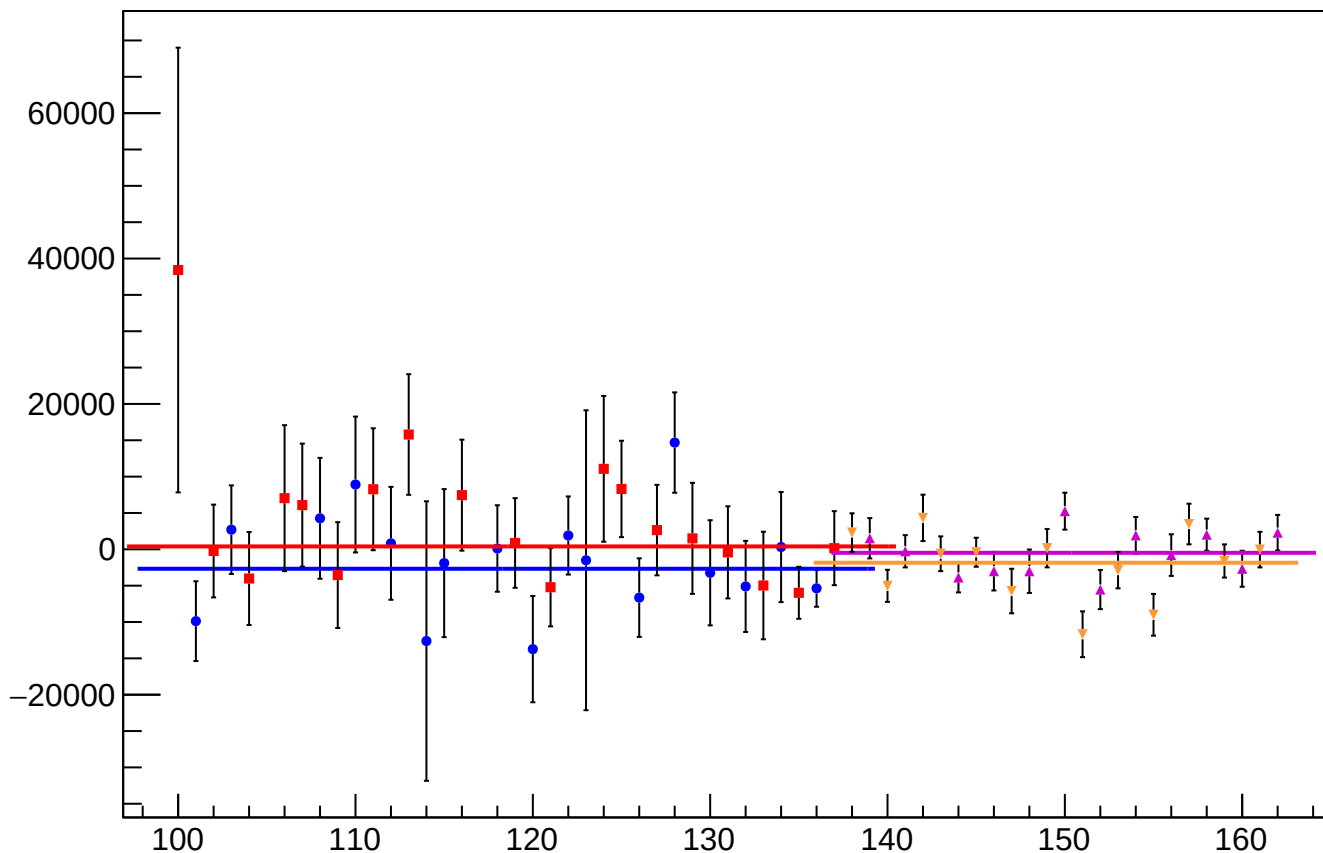
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 324.930+/-0.057 χ^2/NDF : 767526.1/28

Out: 320.729+/-0.056 χ^2/NDF : 1209998.7/31

All: 322.788+/-0.040 χ^2/NDF : 1980272.7/60

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1843.471+/-708.838 χ^2/NDF : 31.6/12

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -478.570+/-719.740 χ^2/NDF : 17.7/11

Left: -1171.436+/-505.034 χ^2/NDF : 51.1/24

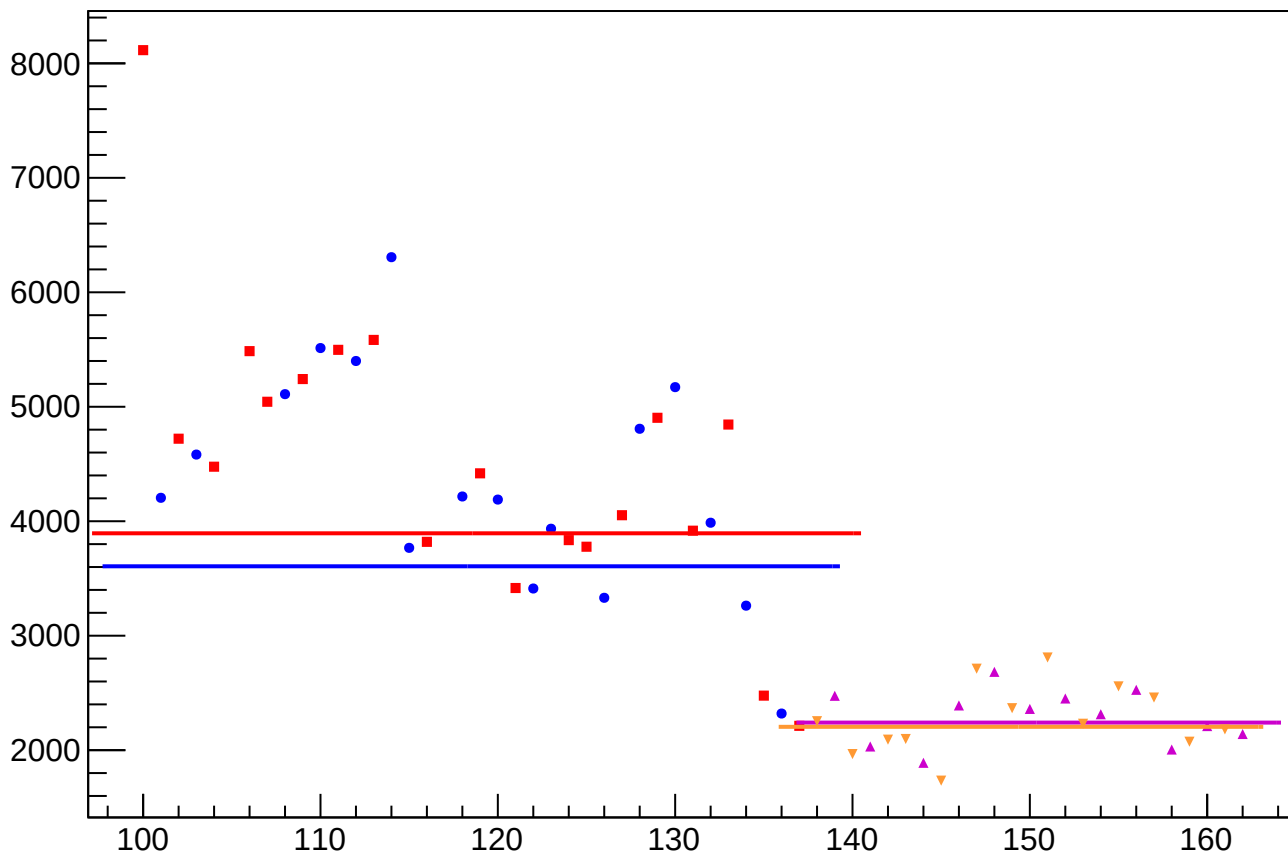
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -909.609+/-645.229 χ^2/NDF : 36.3/28

Out: -1441.254+/-642.112 χ^2/NDF : 49.3/31

All: -1176.719+/-455.140 χ^2/NDF : 85.9/60

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.949 $\pm$ 0.501 χ^2/NDF : 331736.3/12

Right Out: 3894.596 $\pm$ 1.072 χ^2/NDF : 1032752.3/18

Left In: 2240.915 $\pm$ 0.509 χ^2/NDF : 205472.7/11

Left: 2222.150 $\pm$ 0.357 χ^2/NDF : 539887.2/24

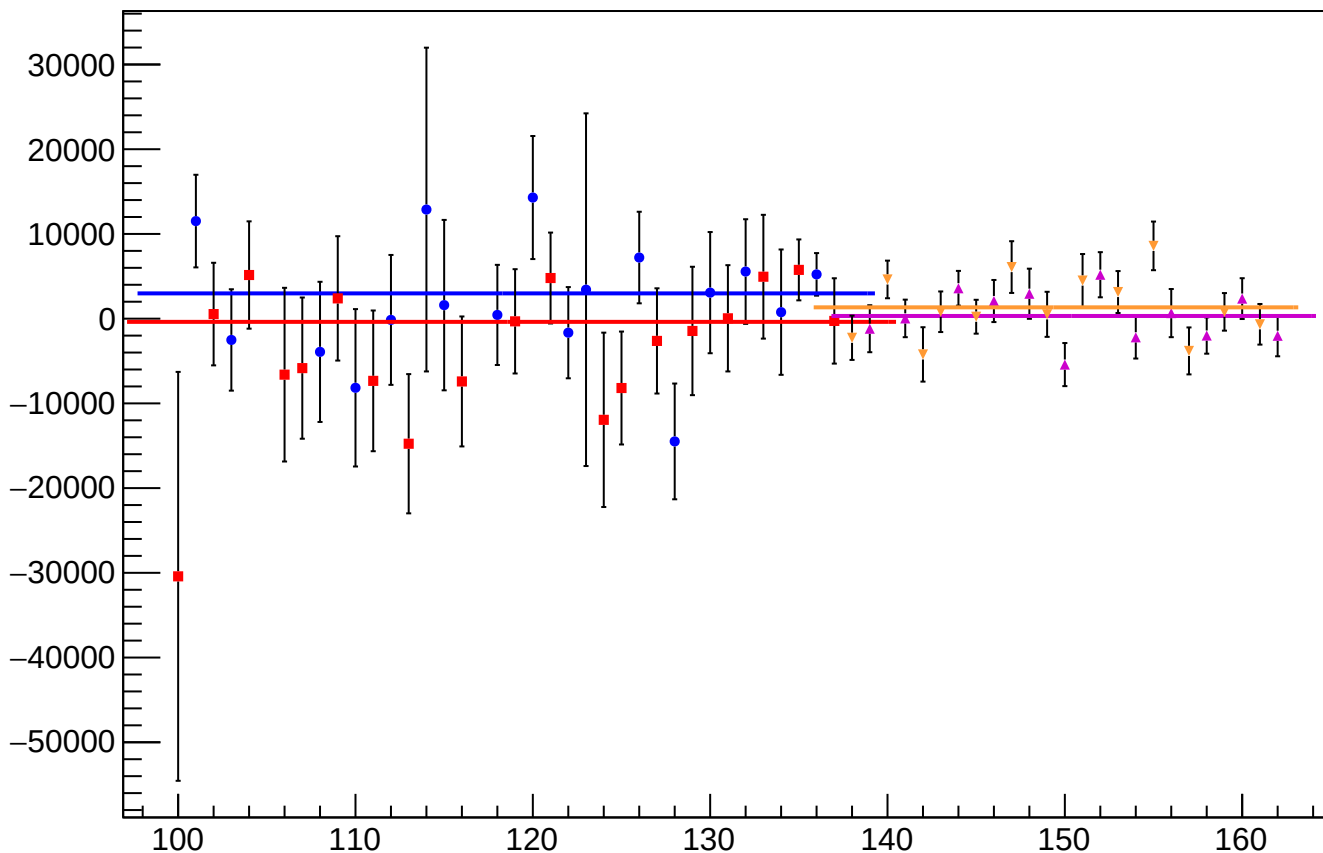
Right: 3744.683 $\pm$ 0.743 χ^2/NDF : 2162873.5/35

In: 2508.996 $\pm$ 0.456 χ^2/NDF : 2711241.5/28

Out: 2507.264 $\pm$ 0.454 χ^2/NDF : 3405679.2/31

All: 2508.126 $\pm$ 0.322 χ^2/NDF : 6116928.0/60

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1336.213+/-704.638 χ^2/NDF : 22.1/12

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 317.772+/-709.412 χ^2/NDF : 16.4/11

Left: 830.430+/-499.934 χ^2/NDF : 39.6/24

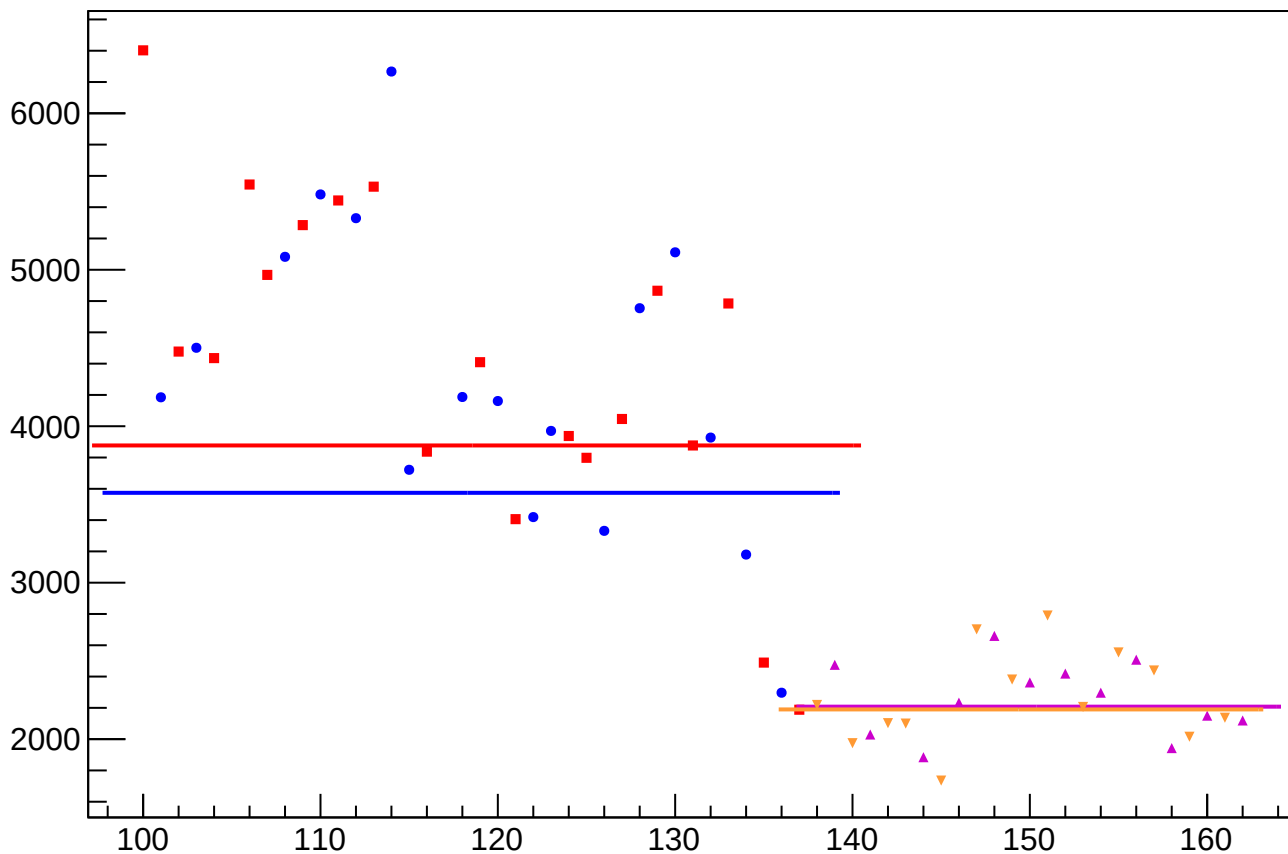
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 836.307+/-636.690 χ^2/NDF : 36.6/28

Out: 1028.918+/-638.338 χ^2/NDF : 38.2/31

All: 932.364+/-450.790 χ^2/NDF : 74.9/60

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2189.925 $\pm$ 0.498 χ^2 /NDF:328851.1/12

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2207.639 $\pm$ 0.502 χ^2 /NDF:207349.8/11

Left: 2198.722 $\pm$ 0.354 χ^2 /NDF: 536828.7/24

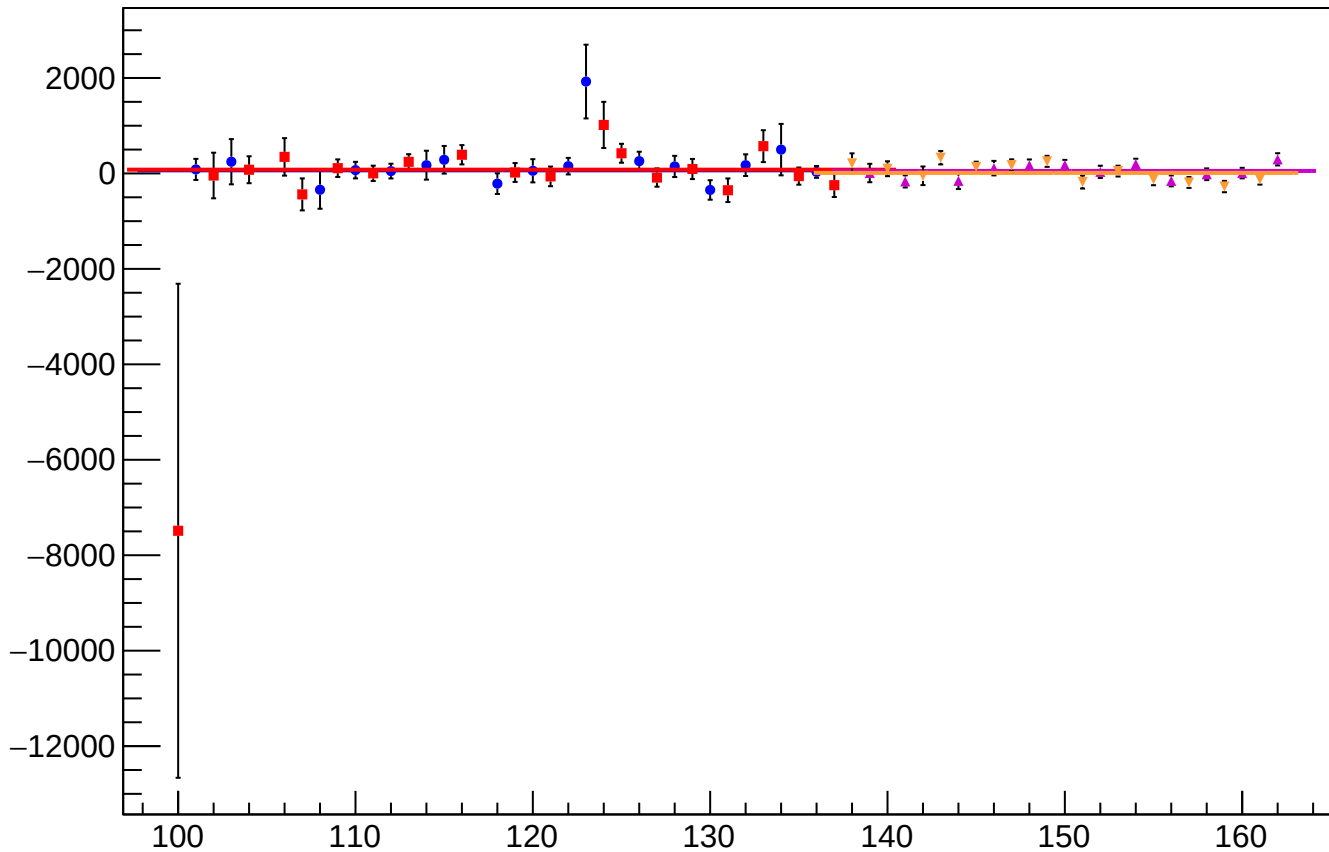
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2473.482 $\pm$ 0.450 χ^2 /NDF:2742607.2/28

Out: 2492.486 $\pm$ 0.451 χ^2 /NDF:3375237.1/31

All: 2482.959 $\pm$ 0.319 χ^2 /NDF: 6118733.0/60

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 11.172+/-35.734 χ^2/NDF : 27.2/12

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 52.316+/-36.693 χ^2/NDF : 15.9/11

Left: 31.199+/-25.600 χ^2/NDF : 43.7/24

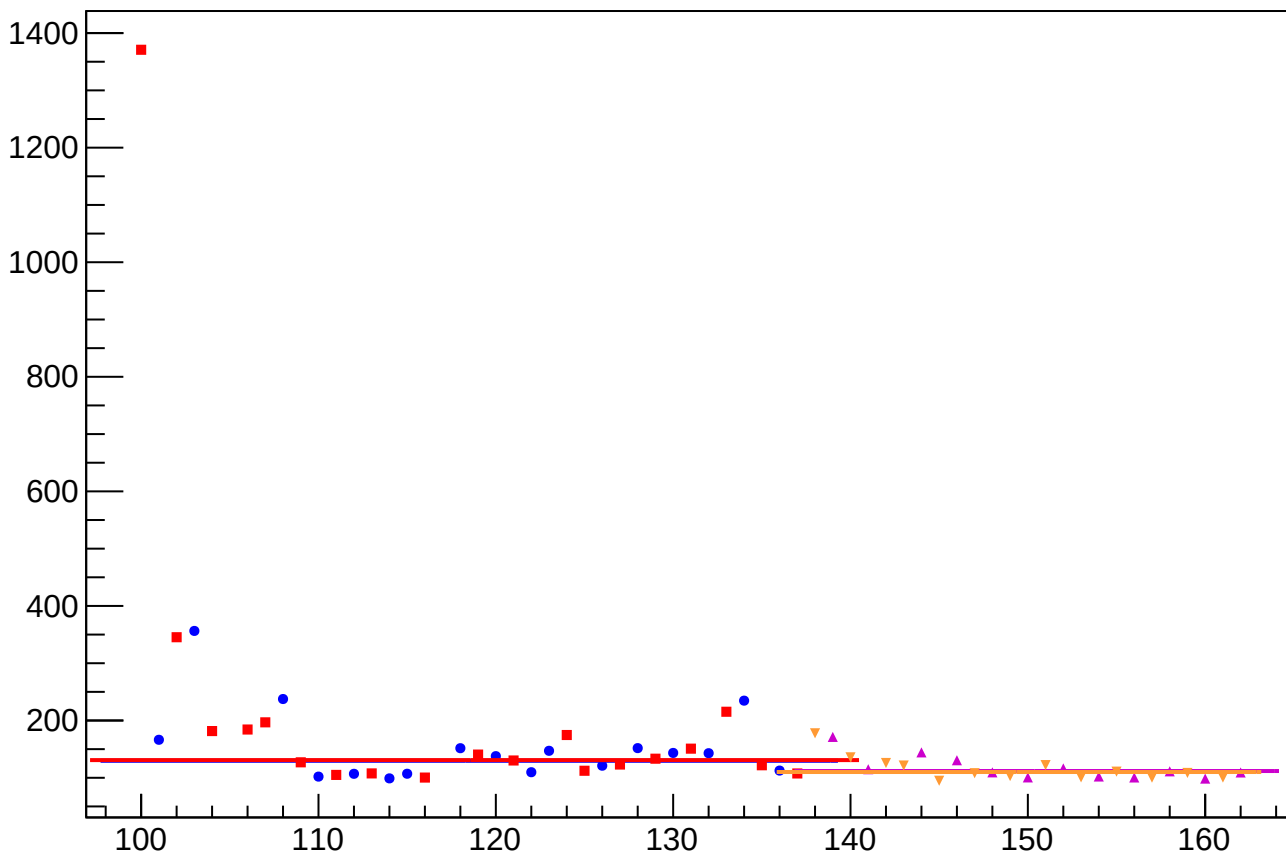
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 56.531+/-30.113 χ^2/NDF : 31.7/28

Out: 32.640+/-29.512 χ^2/NDF : 52.6/31

All: 44.344+/-21.077 χ^2/NDF : 84.6/60

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 110.088 $\pm$ 0.025 χ^2 /NDF: 393517.9/12

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 111.811 $\pm$ 0.026 χ^2 /NDF: 381960.0/11

Left: 110.926 $\pm$ 0.018 χ^2 /NDF: 777741.2/24

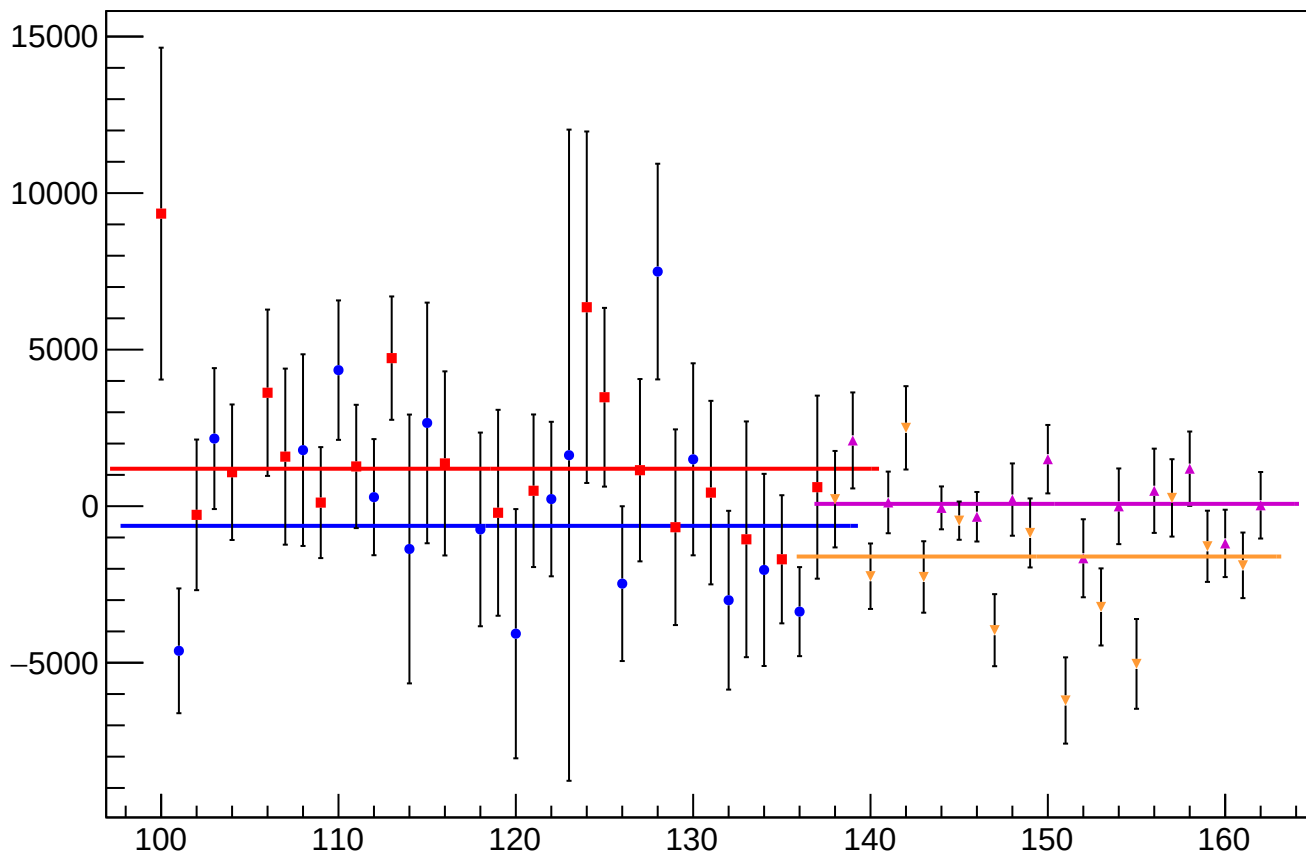
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 117.650 $\pm$ 0.021 χ^2 /NDF: 1526795.3/28

Out: 116.697 $\pm$ 0.021 χ^2 /NDF: 1651074.3/31

All: 117.164 $\pm$ 0.015 χ^2 /NDF: 3178891.5/60

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1608.015 ± 302.357 χ^2/NDF : 40.8/12

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 74.181 ± 299.950 χ^2/NDF : 8.1/11

Left: -760.194 ± 212.942 χ^2/NDF : 64.5/24

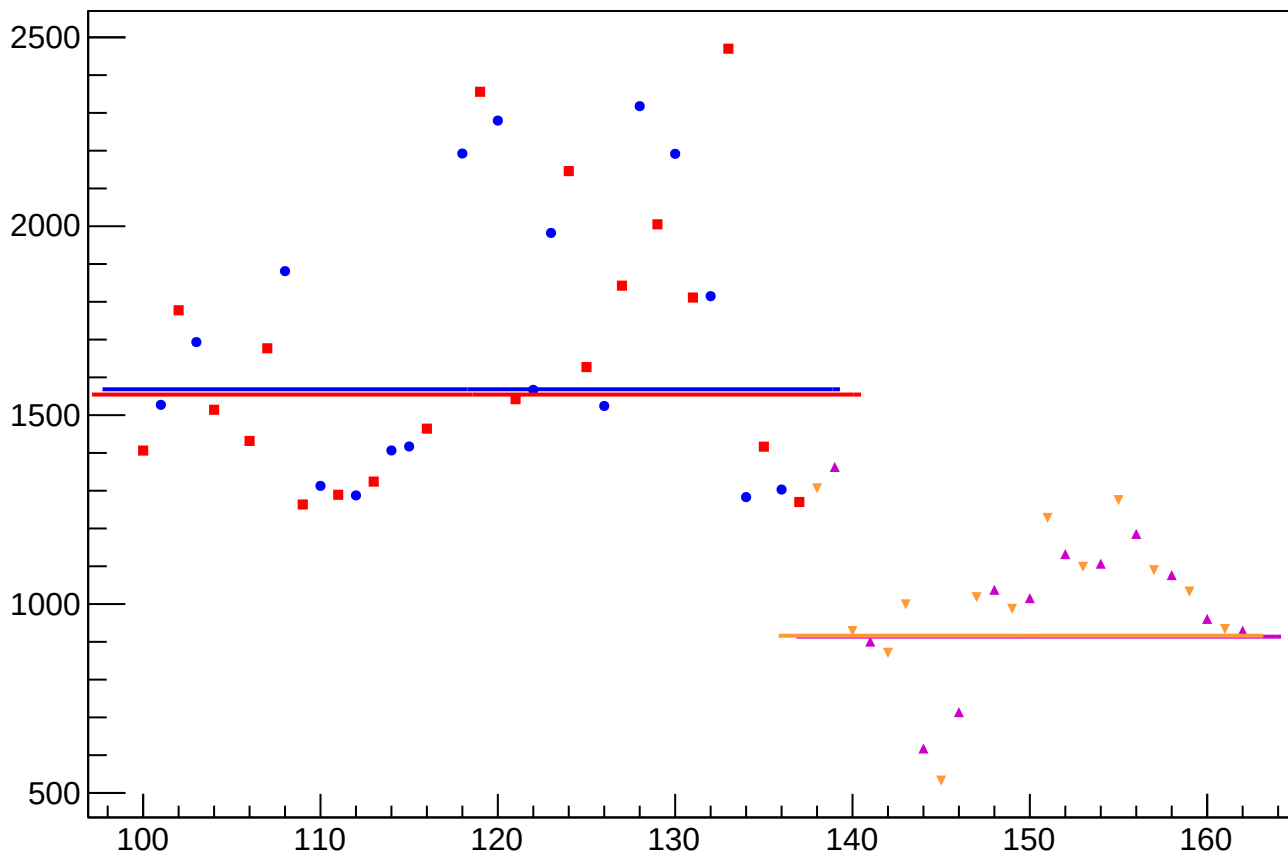
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -58.513 ± 270.133 χ^2/NDF : 33.4/28

Out: -1033.553 ± 269.614 χ^2/NDF : 70.2/31

All: -546.971 ± 190.829 χ^2/NDF : 110.2/60

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 916.226+/-0.214 χ^2/NDF :1286583.2/12

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 913.704+/-0.212 χ^2/NDF :950038.9/11

Left: 914.955+/-0.151 χ^2/NDF : 2236692.2/24

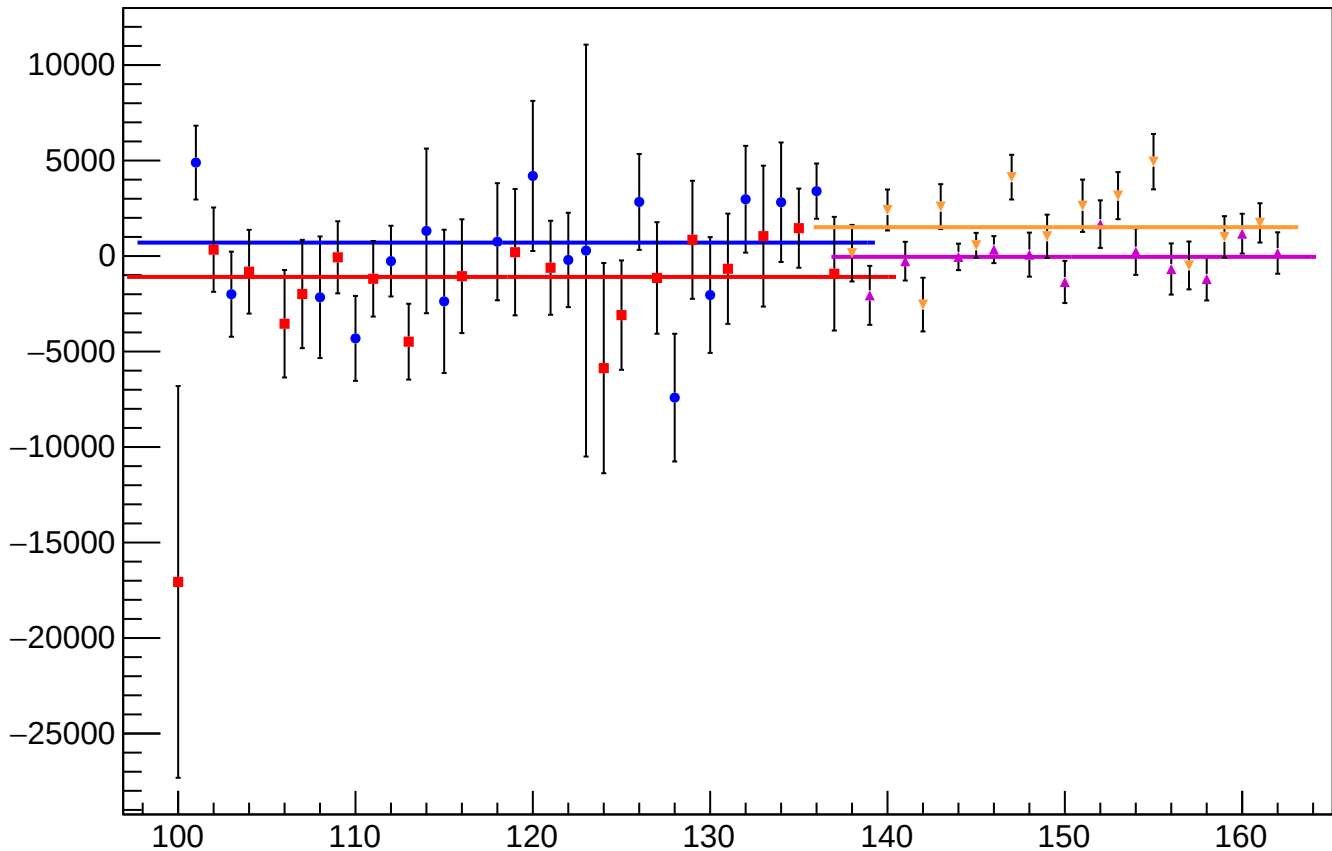
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1037.409+/-0.191 χ^2/NDF :3284818.3/28

Out: 1046.987+/-0.191 χ^2/NDF :3624589.6/31

All: 1042.207+/-0.135 χ^2/NDF : 6910667.5/60

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 1512.163 $\pm$ 308.176 χ^2/NDF : 28.9/12

Right Out: -1093.862 $\pm$ 603.204 χ^2/NDF : 10.6/18

Left In: -42.361 $\pm$ 295.205 χ^2/NDF : 8.1/11

Left: 701.498 $\pm$ 213.180 χ^2/NDF : 50.3/24

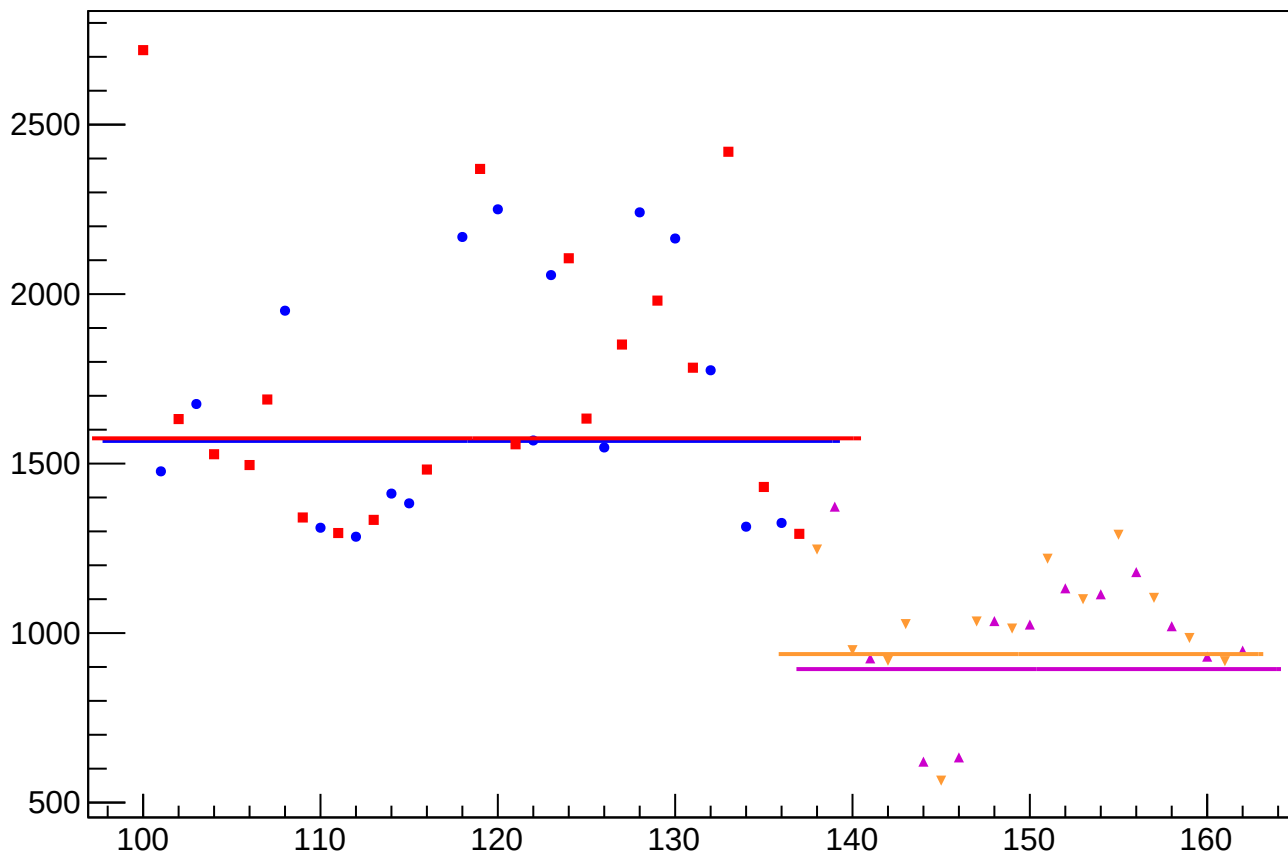
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 95.175 $\pm$ 266.584 χ^2/NDF : 35.2/28

Out: 972.742 $\pm$ 274.435 χ^2/NDF : 54.3/31

All: 521.227 $\pm$ 191.218 χ^2/NDF : 94.8/60

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 938.057 $\pm$ 0.218 χ^2 /NDF: 1056980.5/12

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 893.774 $\pm$ 0.209 χ^2 /NDF: 1096940.5/11

Left: 914.964 $\pm$ 0.151 χ^2 /NDF: 2175456.5/24

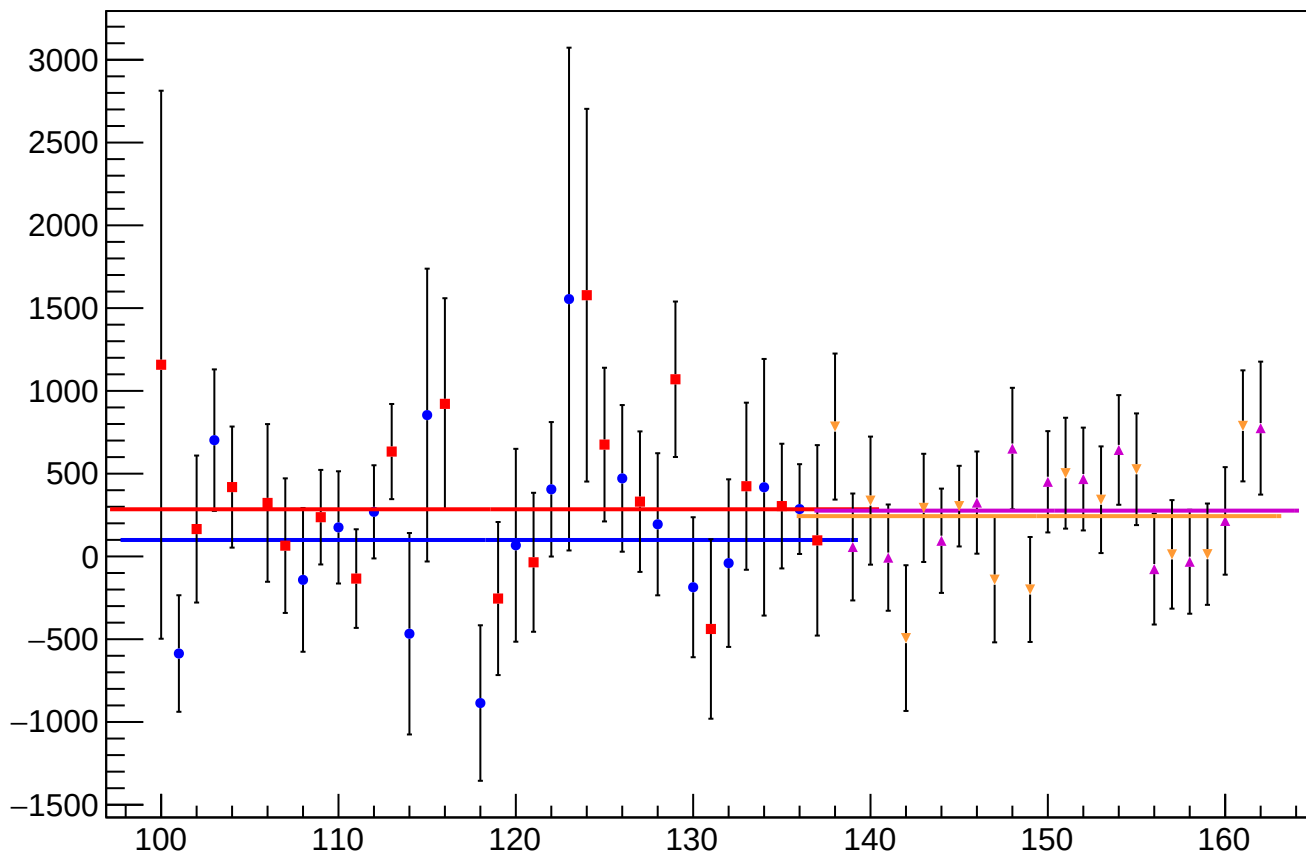
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1017.979 $\pm$ 0.189 χ^2 /NDF: 3515631.2/28

Out: 1069.800 $\pm$ 0.194 χ^2 /NDF: 3287034.3/31

All: 1043.137 $\pm$ 0.135 χ^2 /NDF: 6839356.4/60

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 243.479 $\pm$ 92.714 χ^2 /NDF:12.5/12

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 276.711 $\pm$ 94.406 χ^2 /NDF:8.2/11

Left: 259.795 $\pm$ 66.149 χ^2 /NDF: 20.8/24

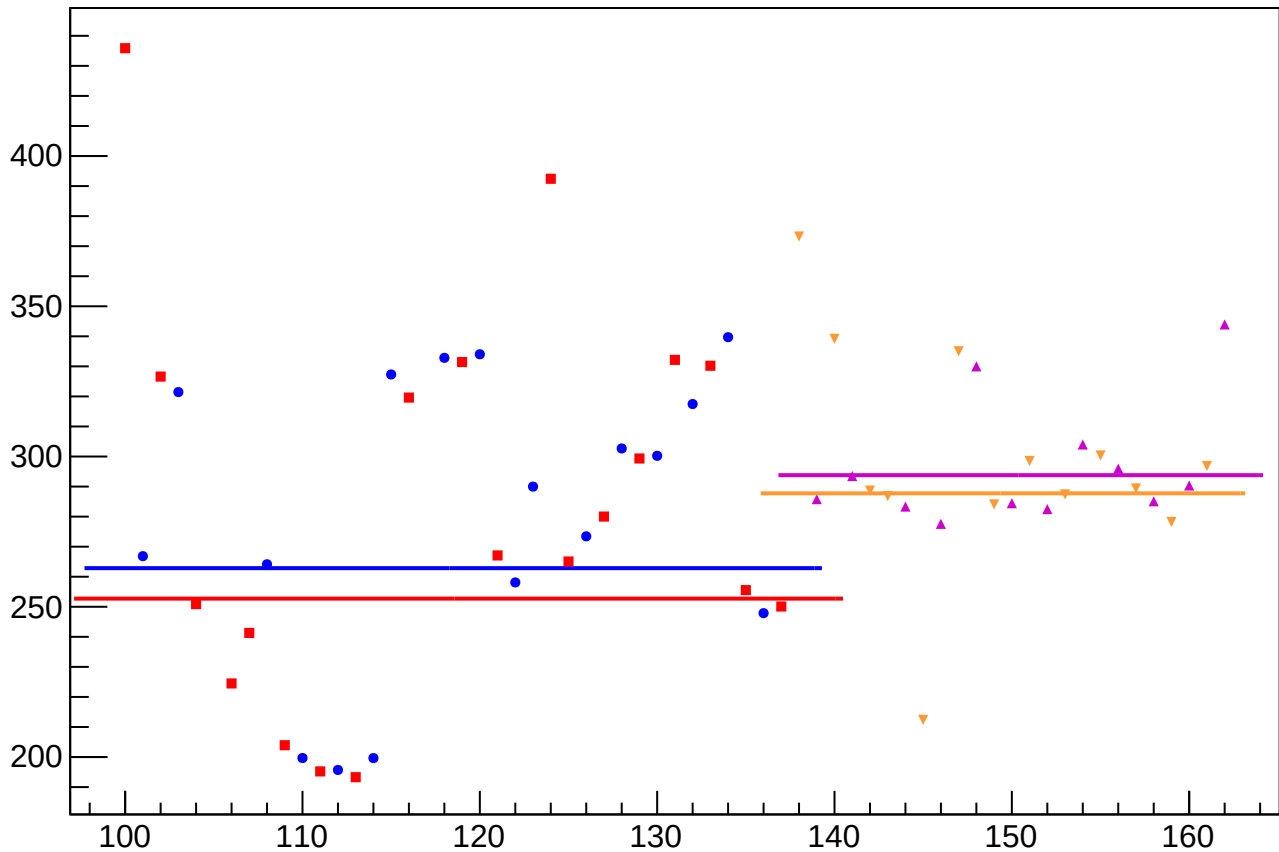
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 196.149 $\pm$ 69.738 χ^2 /NDF:25.8/28

Out: 263.096 $\pm$ 67.255 χ^2 /NDF:26.6/31

All: 230.835 $\pm$ 48.411 χ^2 /NDF: 52.9/60

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2/NDF : 411698.3/16

Left Out: 287.752 $\pm$ 0.066 χ^2/NDF : 341781.0/12

Right Out: 252.720 $\pm$ 0.069 χ^2/NDF : 539727.3/18

Left In: 293.799 $\pm$ 0.067 χ^2/NDF : 67827.6/11

Left: 290.721 $\pm$ 0.047 χ^2/NDF : 413785.9/24

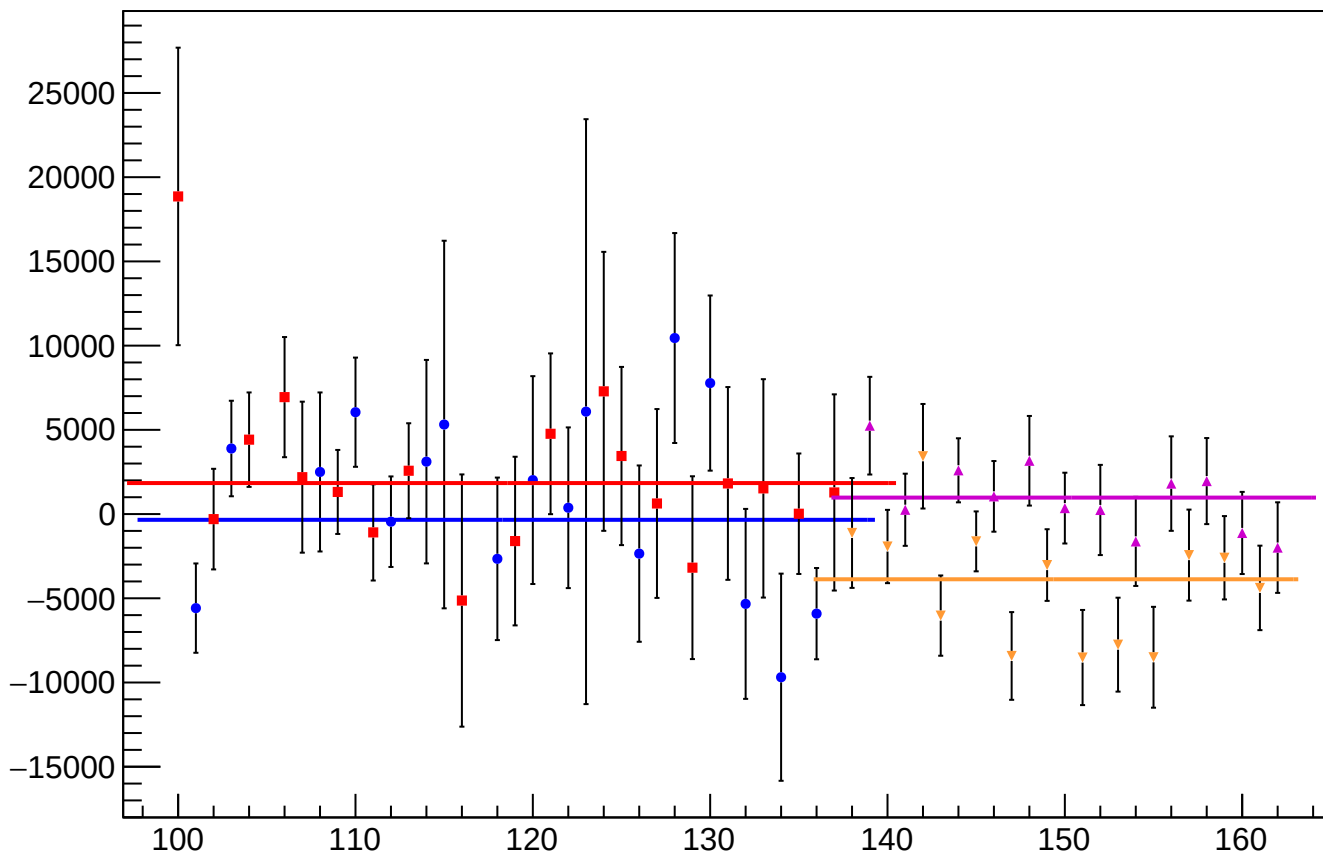
Right: 257.498 $\pm$ 0.050 χ^2/NDF : 961572.8/35

In: 279.741 $\pm$ 0.049 χ^2/NDF : 577140.6/28

Out: 271.154 $\pm$ 0.048 χ^2/NDF : 1016795.8/31

All: 275.292 $\pm$ 0.034 χ^2/NDF : 1609646.8/60

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3871.285 ± 690.950 $\chi^2/\text{NDF}: 20.3/12$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 977.667 ± 693.748 $\chi^2/\text{NDF}: 7.0/11$

Left: -1456.608 ± 489.562 $\chi^2/\text{NDF}: 51.8/24$

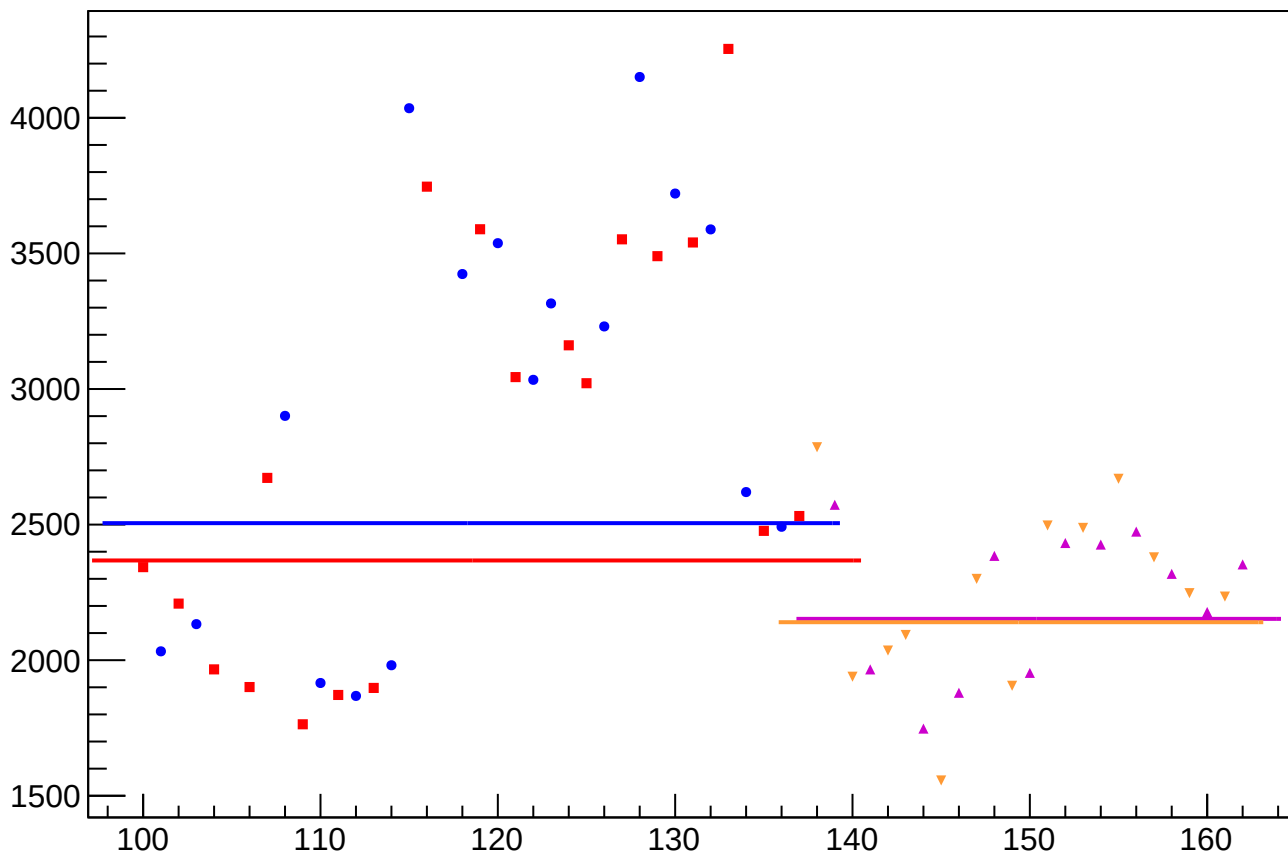
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 551.714 ± 570.864 $\chi^2/\text{NDF}: 32.6/28$

Out: -1824.920 ± 553.509 $\chi^2/\text{NDF}: 56.5/31$

All: -673.279 ± 397.384 $\chi^2/\text{NDF}: 98.0/60$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2140.079+/-0.489 χ^2/NDF : 493159.4/12

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2152.367+/-0.491 χ^2/NDF : 304185.5/11

Left: 2146.198+/-0.346 χ^2/NDF : 797659.9/24

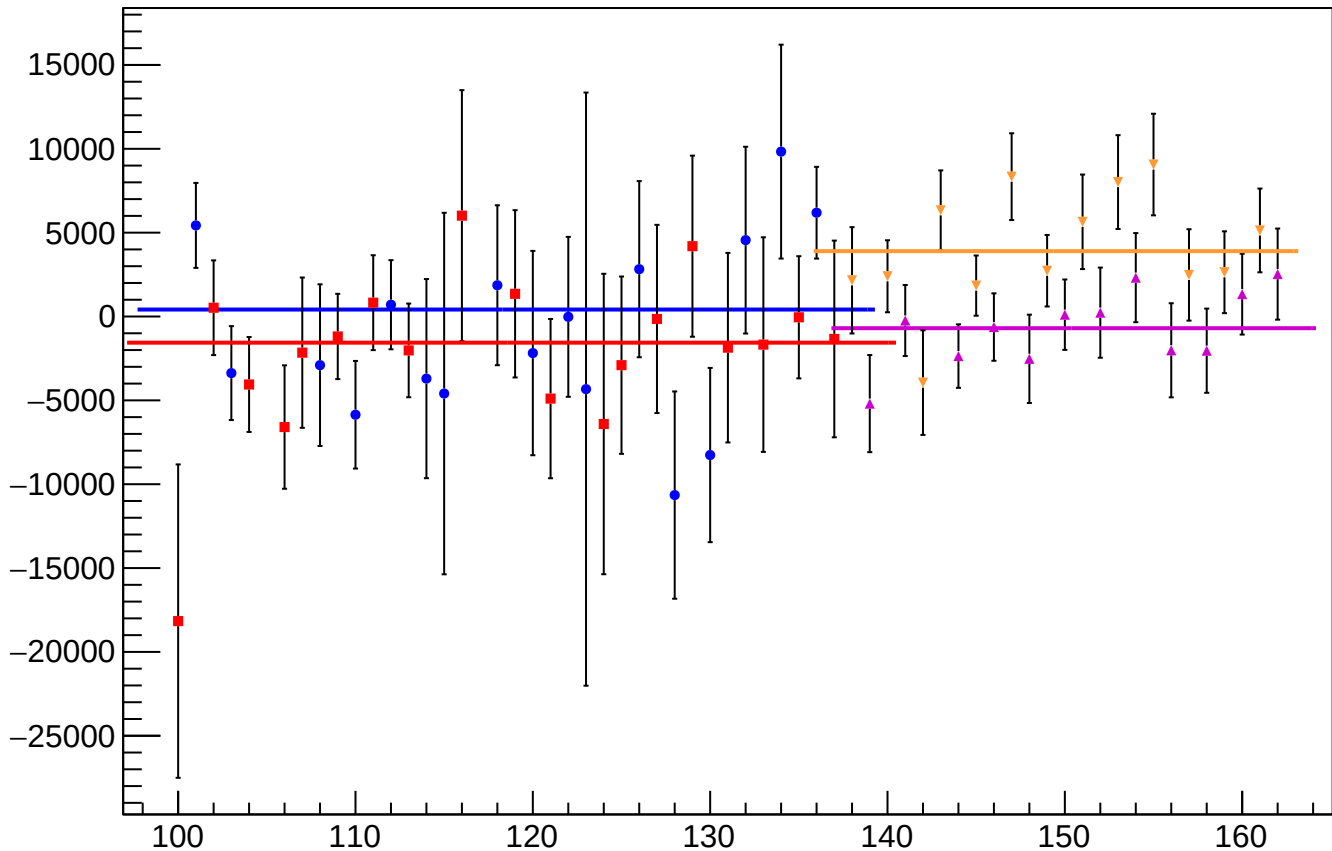
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2266.334+/-0.404 χ^2/NDF : 1335478.9/28

Out: 2221.639+/-0.391 χ^2/NDF : 1601837.0/31

All: 2243.296+/-0.281 χ^2/NDF : 2943635.1/60

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3897.896 $\pm$ 689.784 χ^2 /NDF:19.0/12

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -697.331 $\pm$ 687.951 χ^2 /NDF:7.9/11

Left: 1594.169 $\pm$ 487.102 χ^2 /NDF: 49.1/24

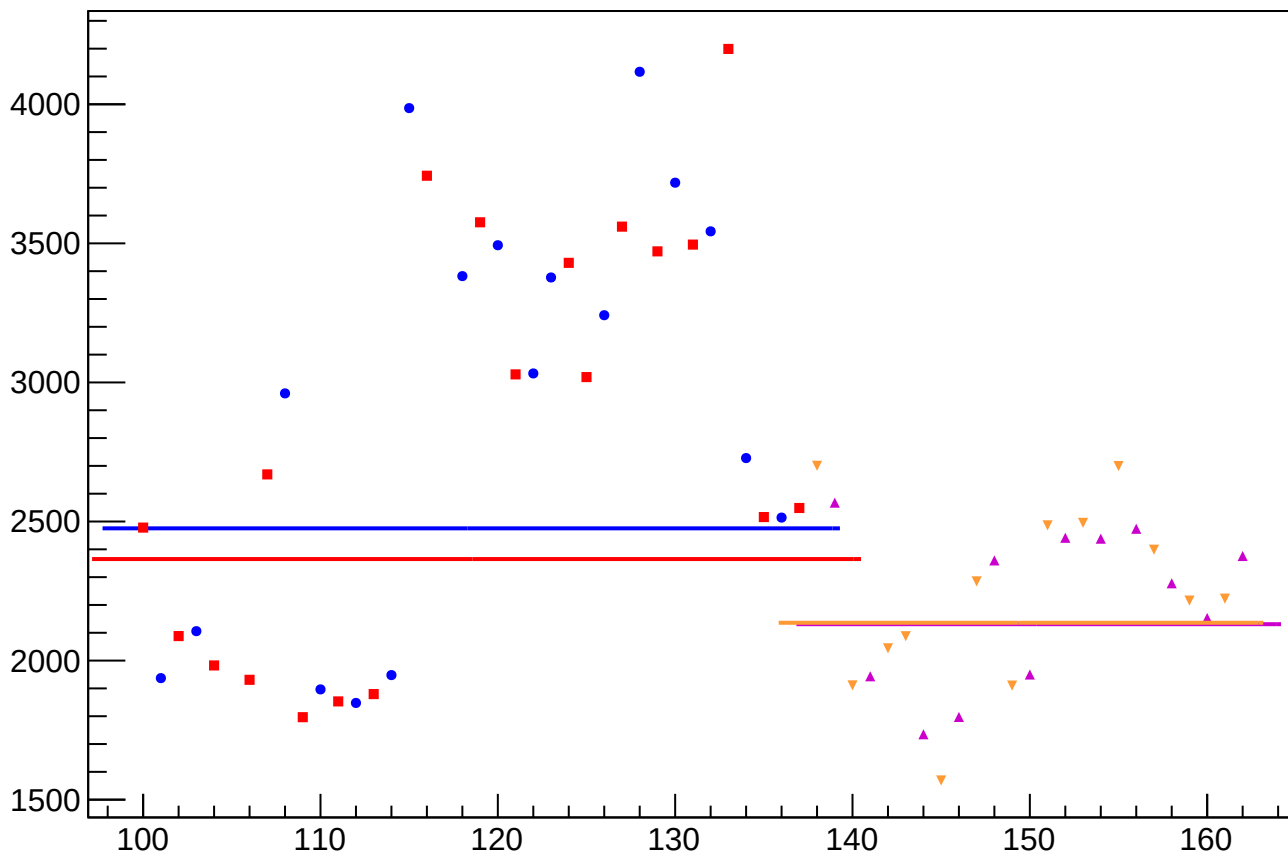
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -337.349 $\pm$ 565.850 χ^2 /NDF:33.2/28

Out: 1946.360 $\pm$ 552.843 χ^2 /NDF:52.1/31

All: 831.055 $\pm$ 395.438 χ^2 /NDF: 93.6/60

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2136.035+/-0.488 χ^2/NDF : 472607.6/12

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2130.869+/-0.486 χ^2/NDF : 340341.8/11

Left: 2133.445+/-0.344 χ^2/NDF : 813005.7/24

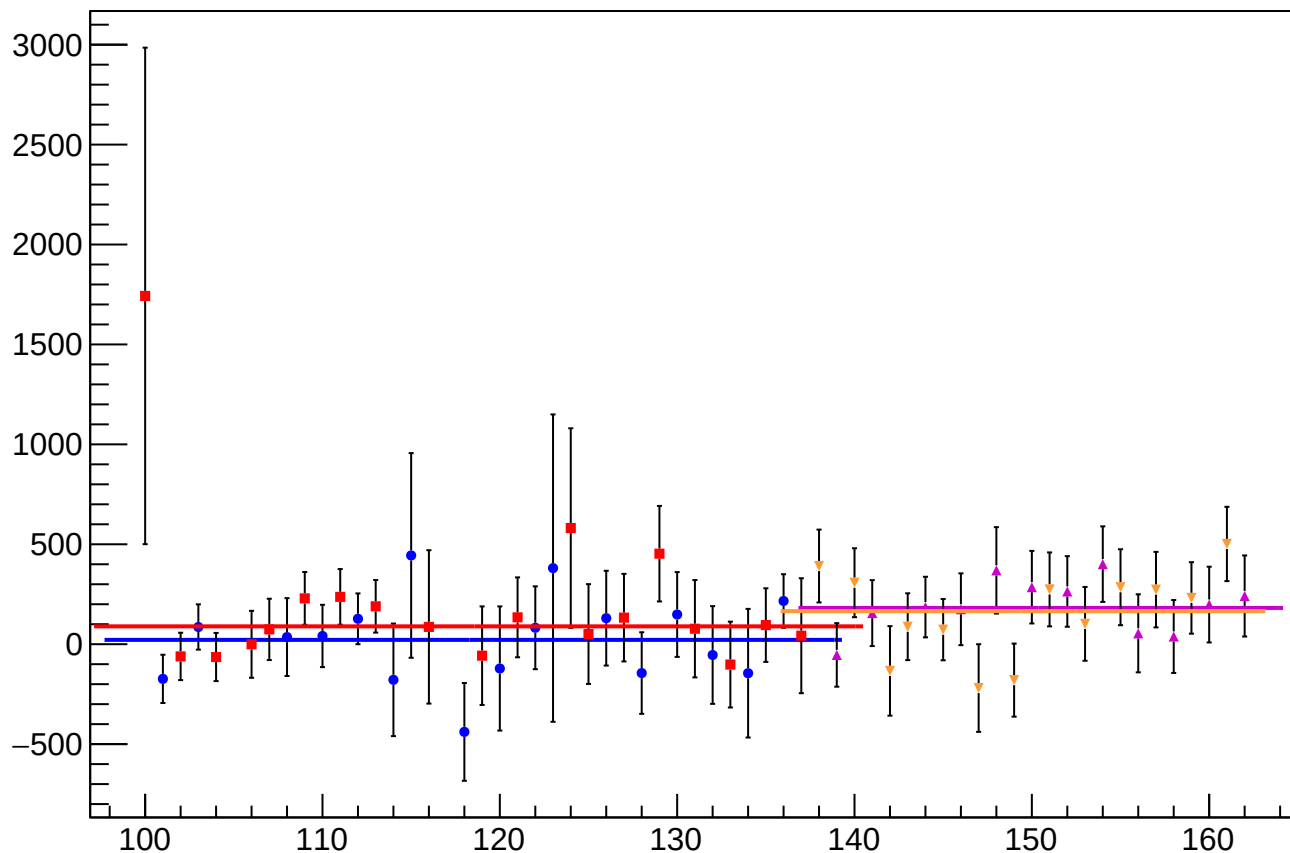
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2242.325+/-0.400 χ^2/NDF : 1415705.5/28

Out: 2217.931+/-0.391 χ^2/NDF : 1578607.9/31

All: 2229.845+/-0.280 χ^2/NDF : 2996215.1/60

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 165.375 $\pm$ 50.826 χ^2/NDF :15.8/12

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 181.407 $\pm$ 51.917 χ^2/NDF :6.0/11

Left: 173.221 $\pm$ 36.319 χ^2/NDF : 21.9/24

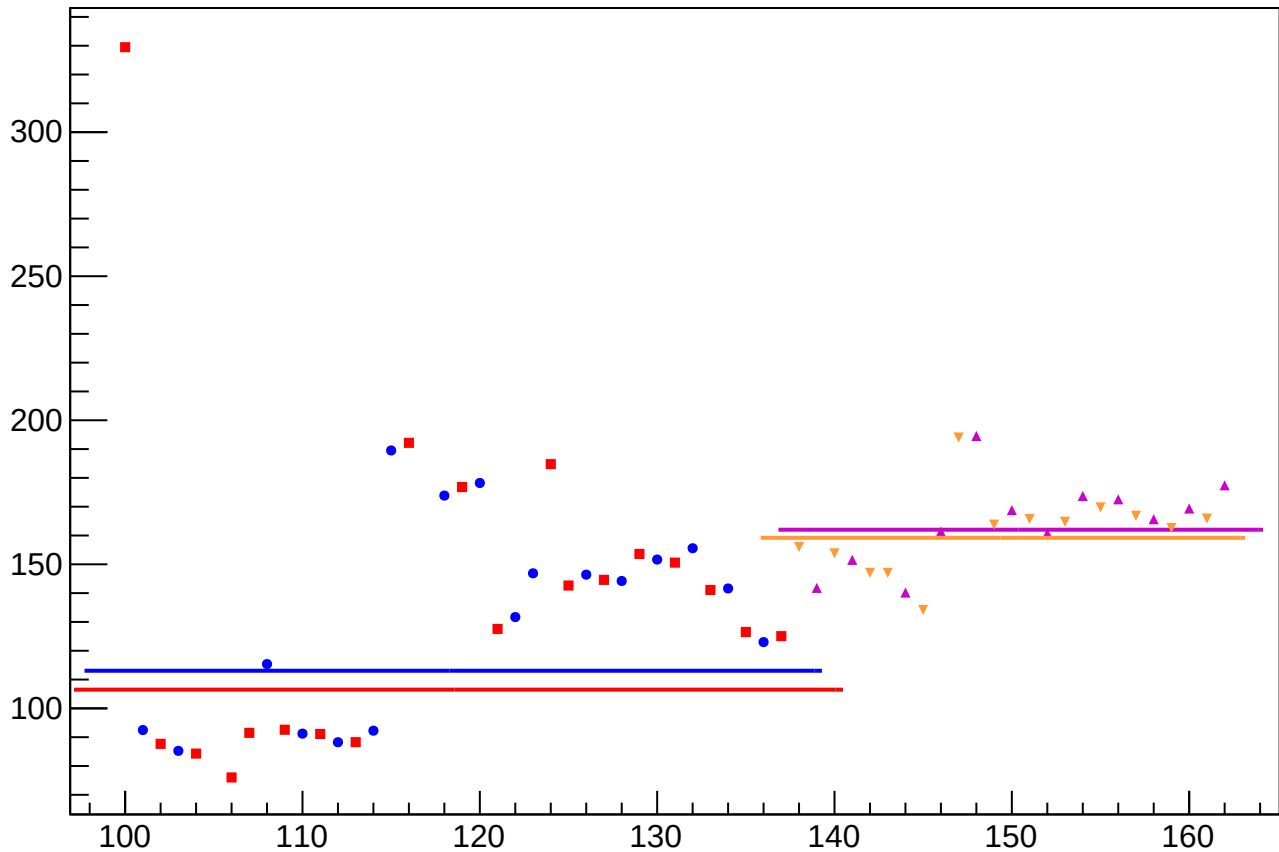
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 90.456 $\pm$ 34.072 χ^2/NDF :24.0/28

Out: 120.005 $\pm$ 32.285 χ^2/NDF :29.9/31

All: 106.025 $\pm$ 23.435 χ^2/NDF : 54.2/60

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 159.199 $\pm$ 0.036 χ^2/NDF :141067.9/12

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 162.012 $\pm$ 0.037 χ^2/NDF :158816.2/11

Left: 160.576 $\pm$ 0.026 χ^2/NDF : 302883.8/24

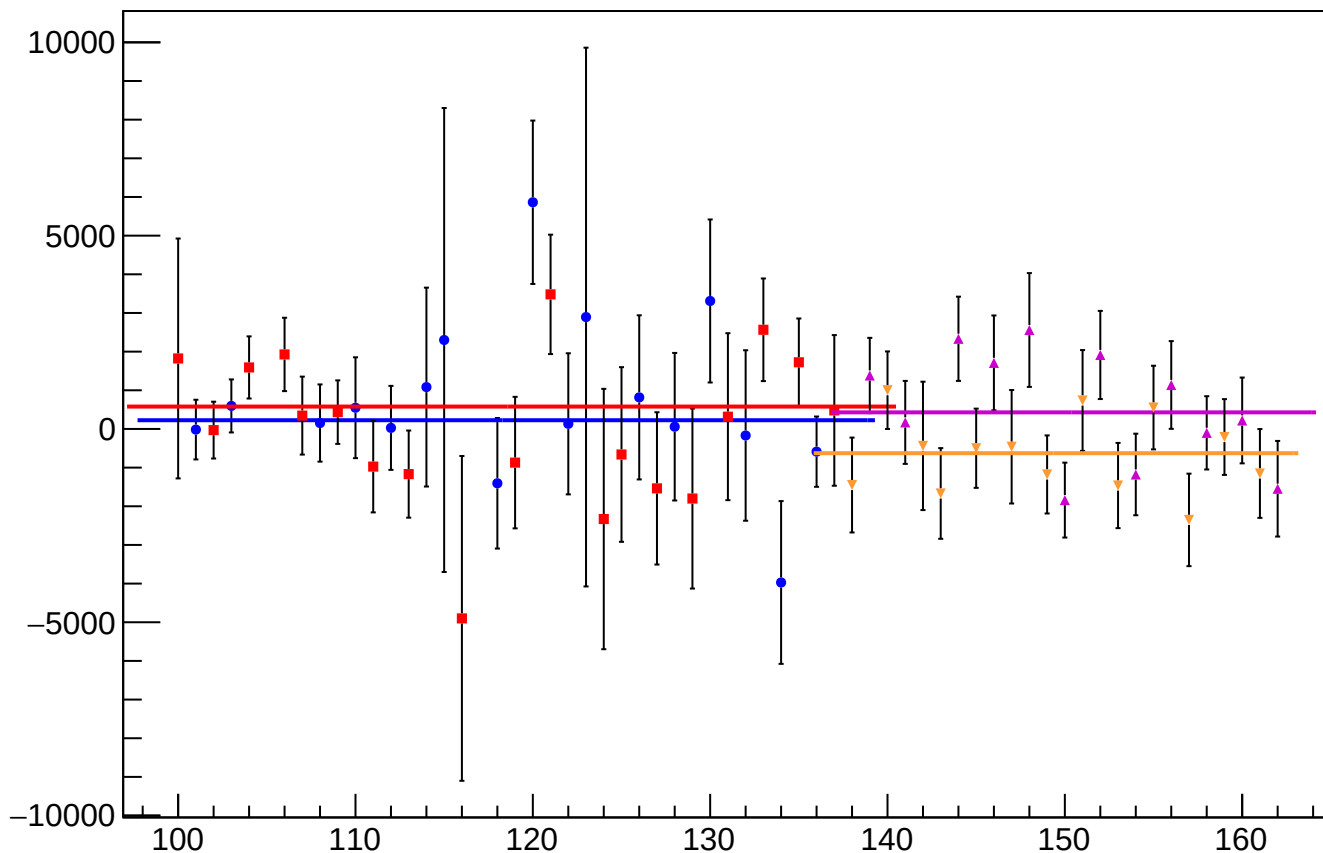
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 134.143 $\pm$ 0.024 χ^2/NDF :1991949.5/28

Out: 127.760 $\pm$ 0.023 χ^2/NDF :2440173.0/31

All: 130.780 $\pm$ 0.017 χ^2/NDF : 4469105.7/60

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -627.090 $\pm$ 317.658 χ^2 /NDF:9.5/12

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 428.904 $\pm$ 316.518 χ^2 /NDF:20.0/11

Left: -97.193 $\pm$ 224.214 χ^2 /NDF: 35.1/24

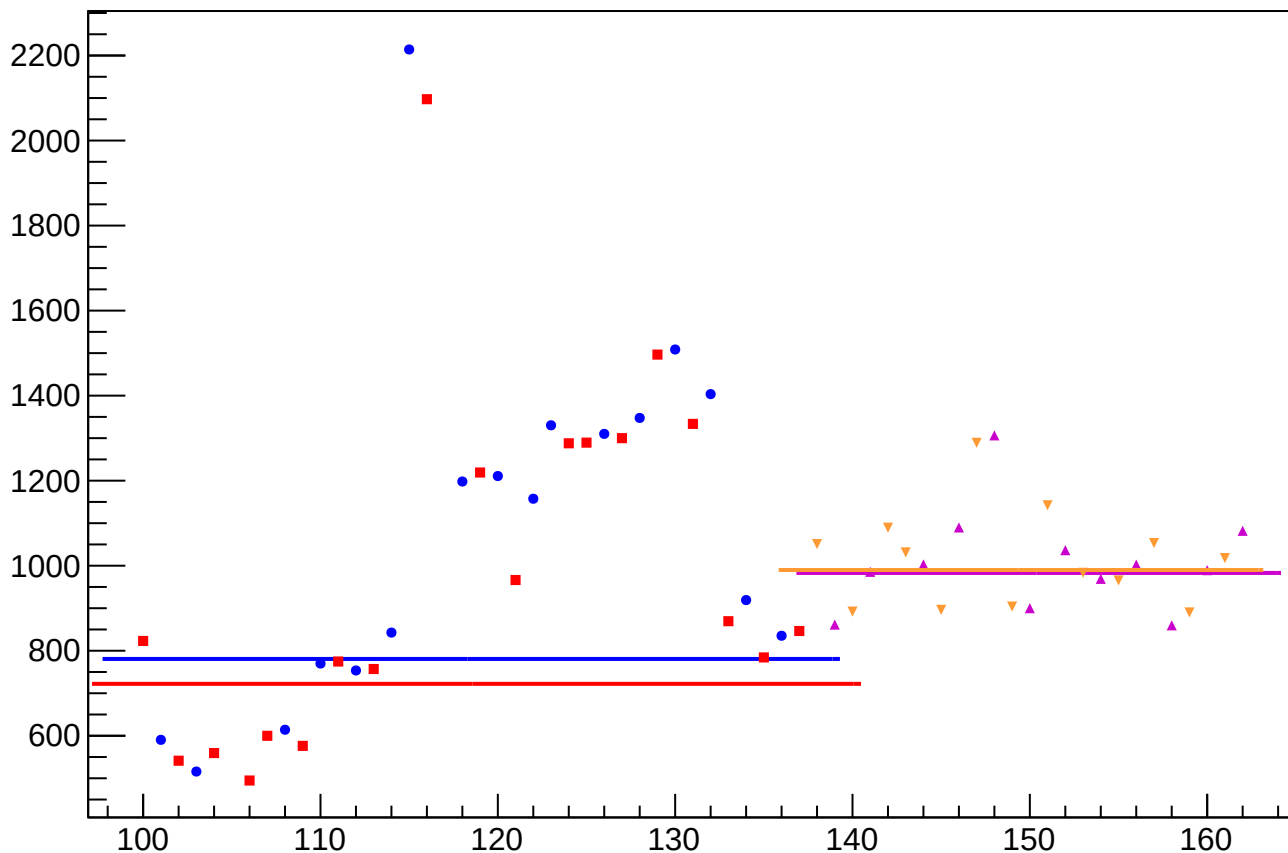
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 328.829 $\pm$ 225.522 χ^2 /NDF:36.2/28

Out: 32.328 $\pm$ 213.864 χ^2 /NDF:38.6/31

All: 172.717 $\pm$ 155.183 χ^2 /NDF: 75.7/60

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 989.843+/-0.225 χ^2/NDF : 203876.0/12

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 982.985+/-0.224 χ^2/NDF : 210439.2/11

Left: 986.402+/-0.159 χ^2/NDF : 414783.1/24

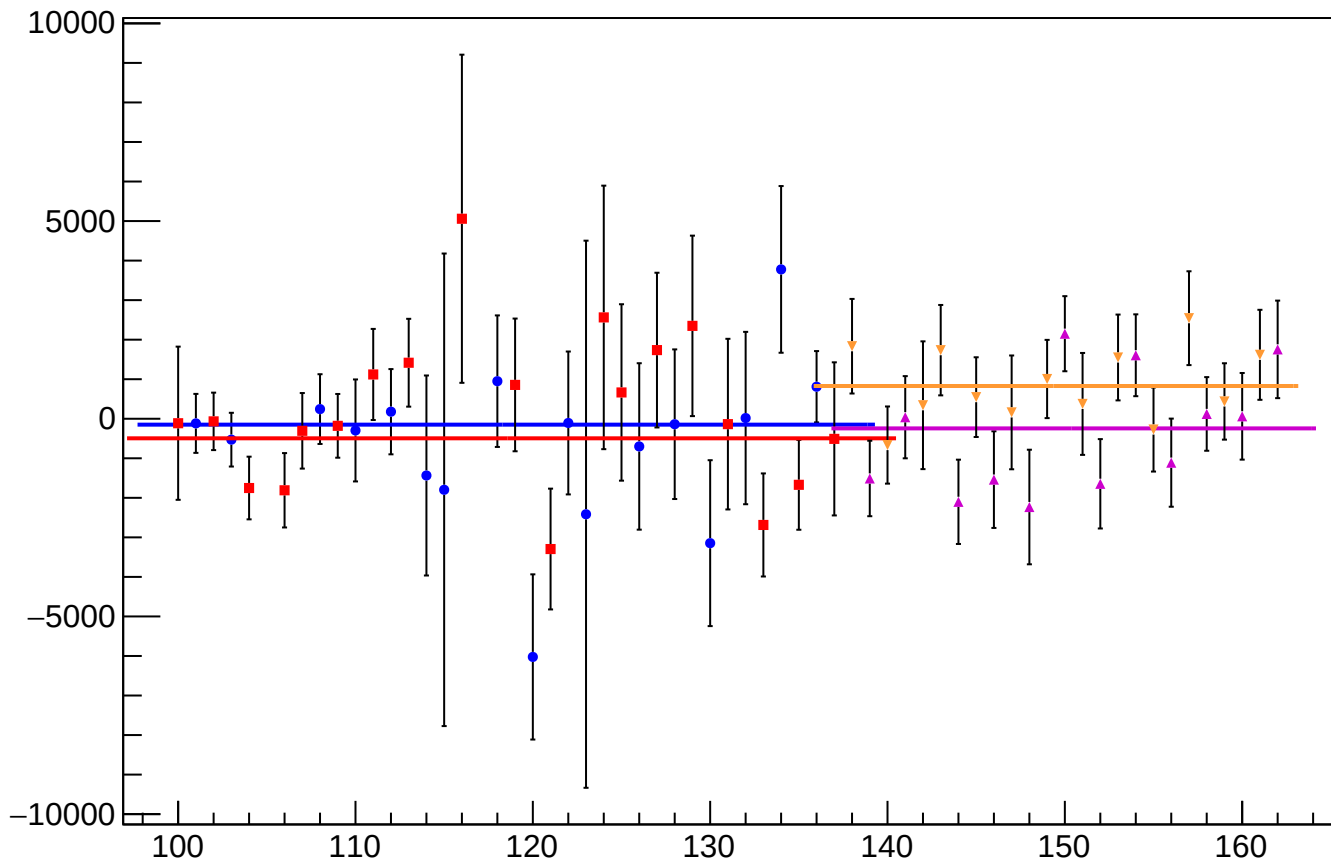
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 883.394+/-0.159 χ^2/NDF : 2222124.3/28

Out: 843.486+/-0.151 χ^2/NDF : 2609178.5/31

All: 862.382+/-0.110 χ^2/NDF : 4864278.5/60

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 828.290 ± 311.972 $\chi^2/\text{NDF}: 8.5/12$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -243.843 ± 311.242 $\chi^2/\text{NDF}: 22.4/11$

Left: 290.969 ± 220.339 $\chi^2/\text{NDF}: 36.8/24$

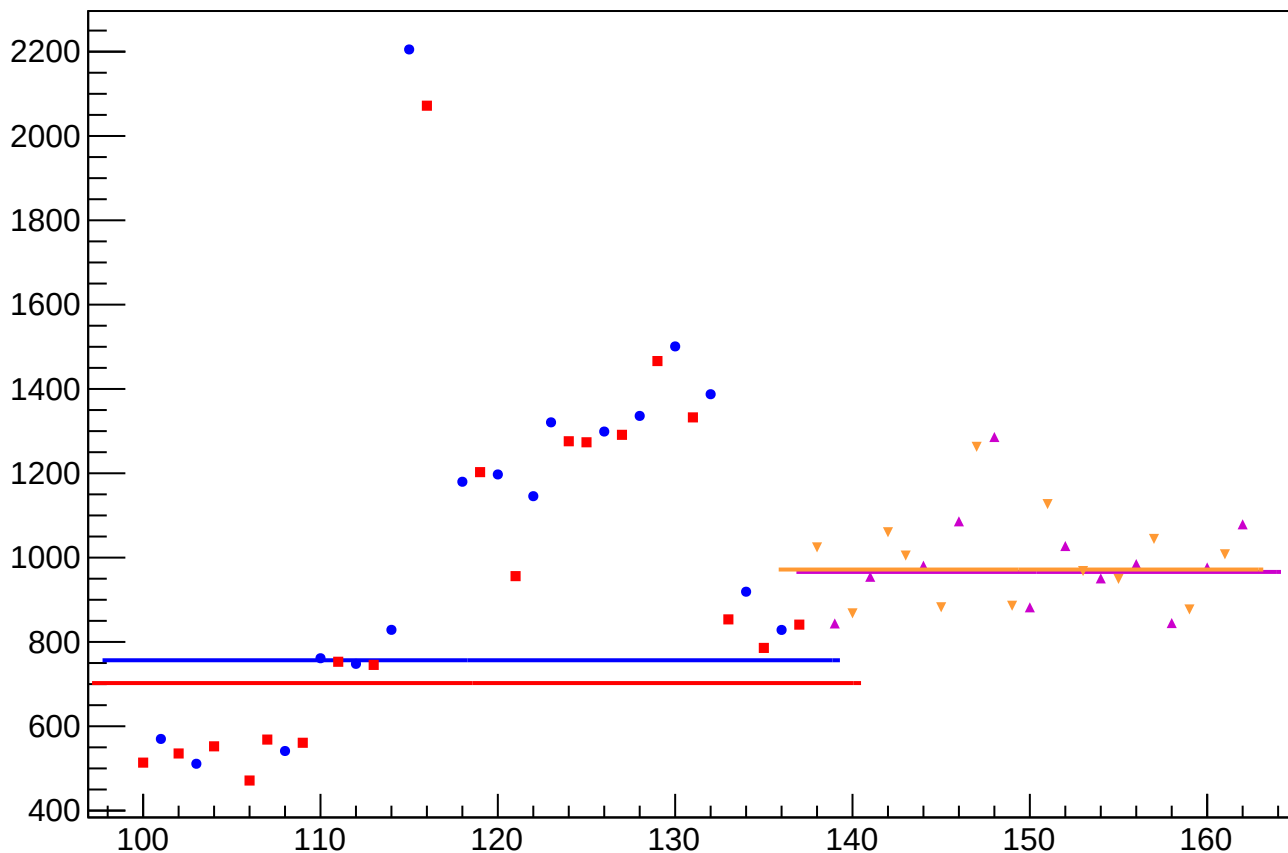
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -196.764 ± 220.688 $\chi^2/\text{NDF}: 38.6/28$

Out: 101.794 ± 209.494 $\chi^2/\text{NDF}: 42.0/31$

All: -39.722 ± 151.938 $\chi^2/\text{NDF}: 81.6/60$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 971.718+/-0.221 χ^2/NDF : 205479.4/12

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 966.063+/-0.220 χ^2/NDF : 223645.7/11

Left: 968.884+/-0.156 χ^2/NDF : 429454.5/24

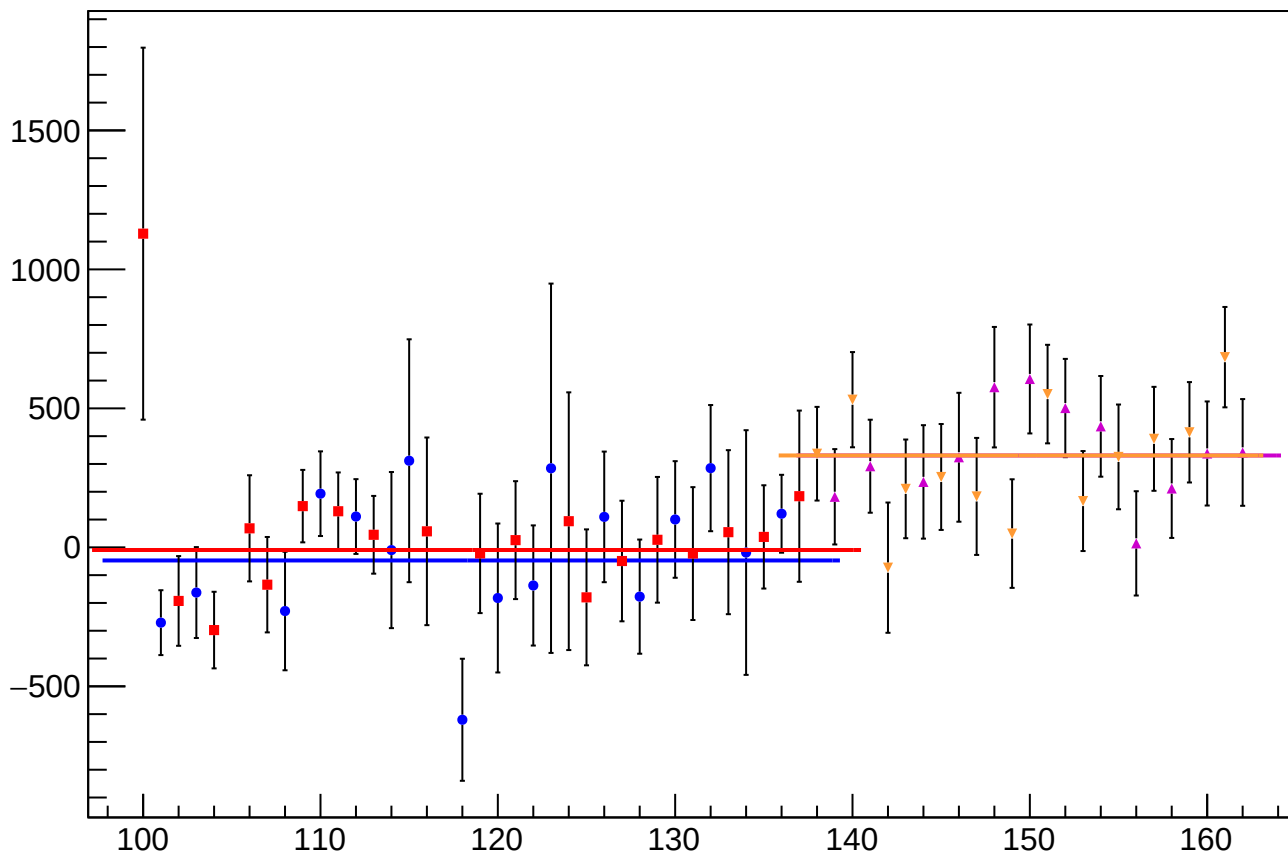
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 861.878+/-0.156 χ^2/NDF : 2387968.3/28

Out: 823.869+/-0.148 χ^2/NDF : 2712990.3/31

All: 841.885+/-0.107 χ^2/NDF : 5132165.9/60

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 330.598 ± 51.543 $\chi^2/\text{NDF}: 14.1/12$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 330.491 ± 54.409 $\chi^2/\text{NDF}: 8.8/11$

Left: 330.547 ± 37.418 $\chi^2/\text{NDF}: 22.9/24$

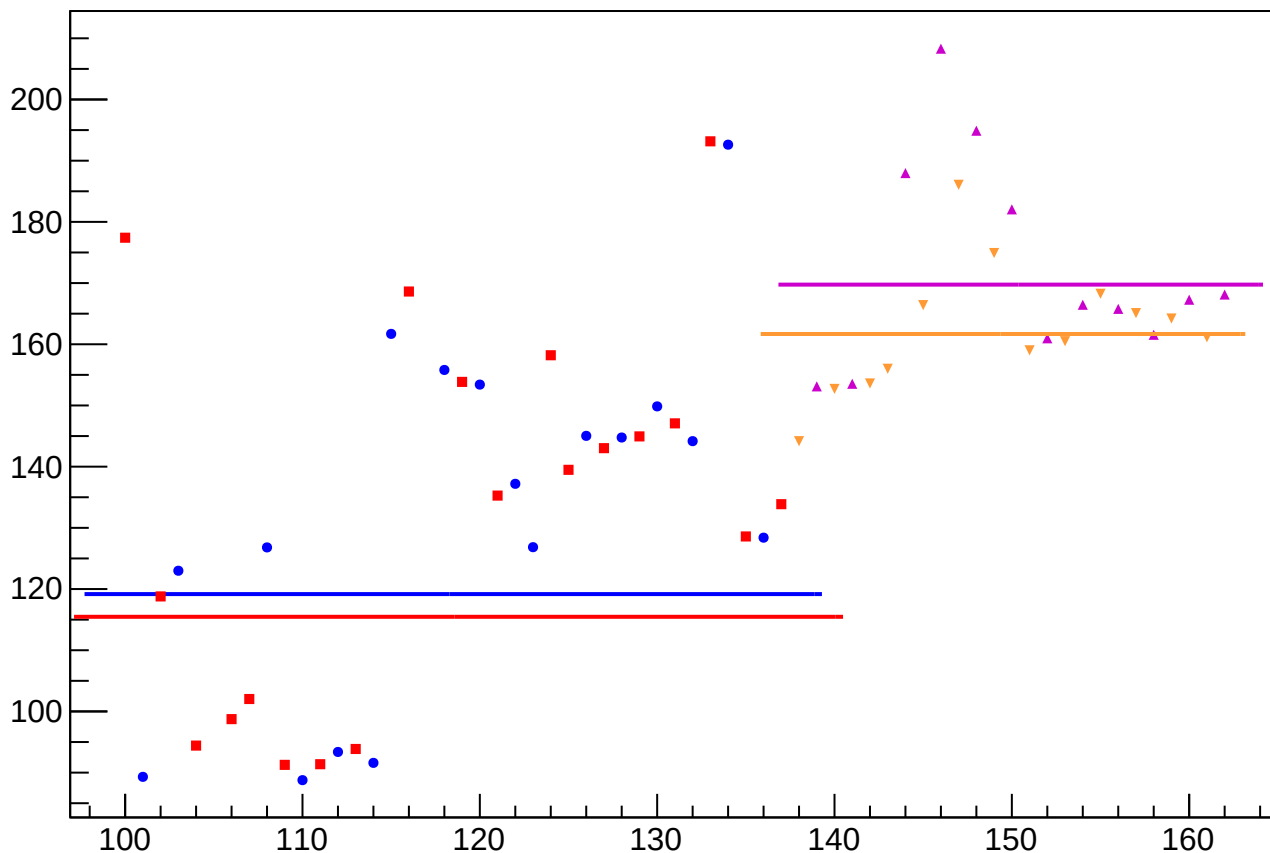
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 115.278 ± 35.683 $\chi^2/\text{NDF}: 58.2/28$

Out: 136.667 ± 33.791 $\chi^2/\text{NDF}: 51.9/31$

All: 126.555 ± 24.535 $\chi^2/\text{NDF}: 110.3/60$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.679+/-0.036 χ^2/NDF : 72835.7/12

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.748+/-0.038 χ^2/NDF : 154821.5/11

Left: 165.495+/-0.026 χ^2/NDF : 250837.8/24

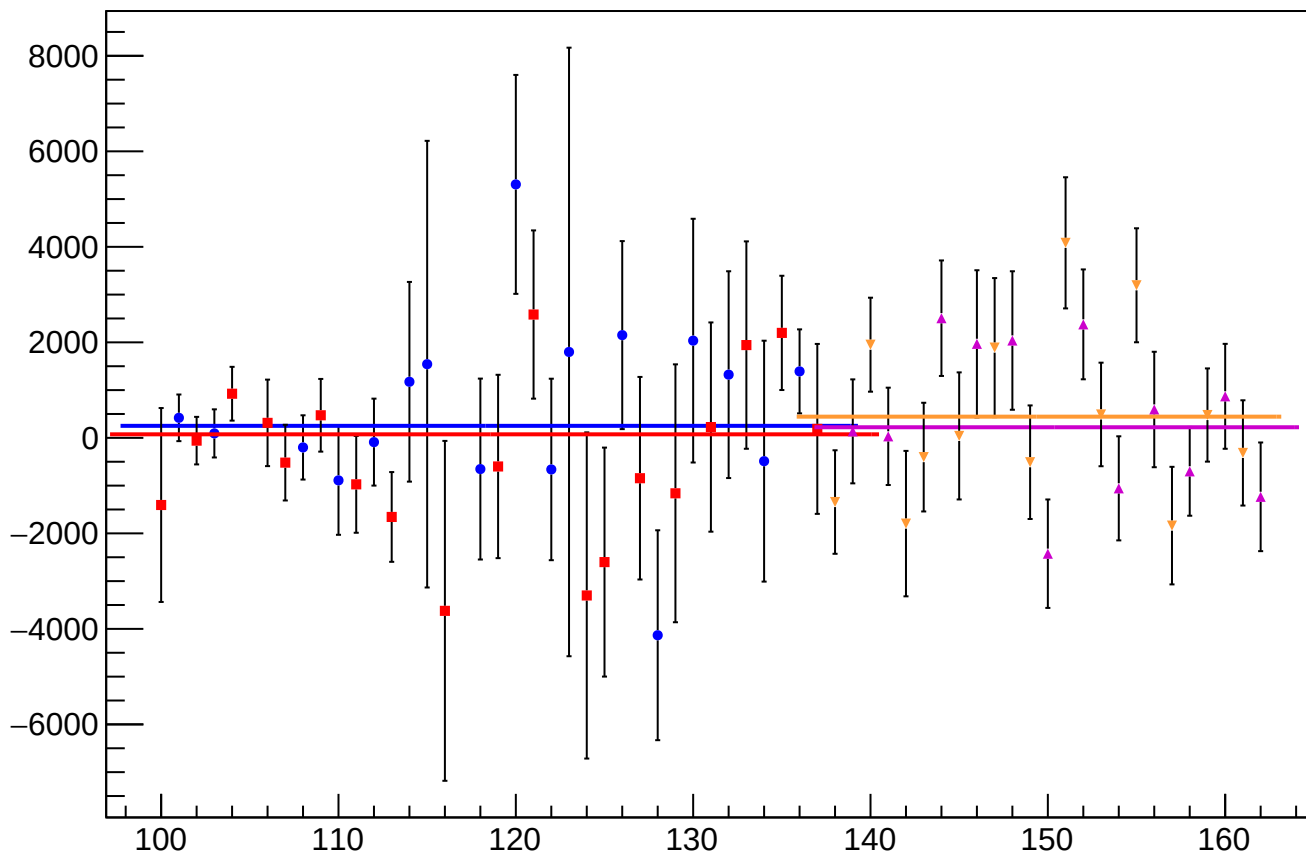
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 140.928+/-0.025 χ^2/NDF : 1754826.1/28

Out: 135.328+/-0.024 χ^2/NDF : 1682379.7/31

All: 137.975+/-0.017 χ^2/NDF : 3463171.5/60

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 444.051+/-325.342 χ^2/NDF :25.8/12

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 222.133+/-329.641 χ^2/NDF :19.9/11

Left: 334.548+/-231.557 χ^2/NDF : 45.8/24

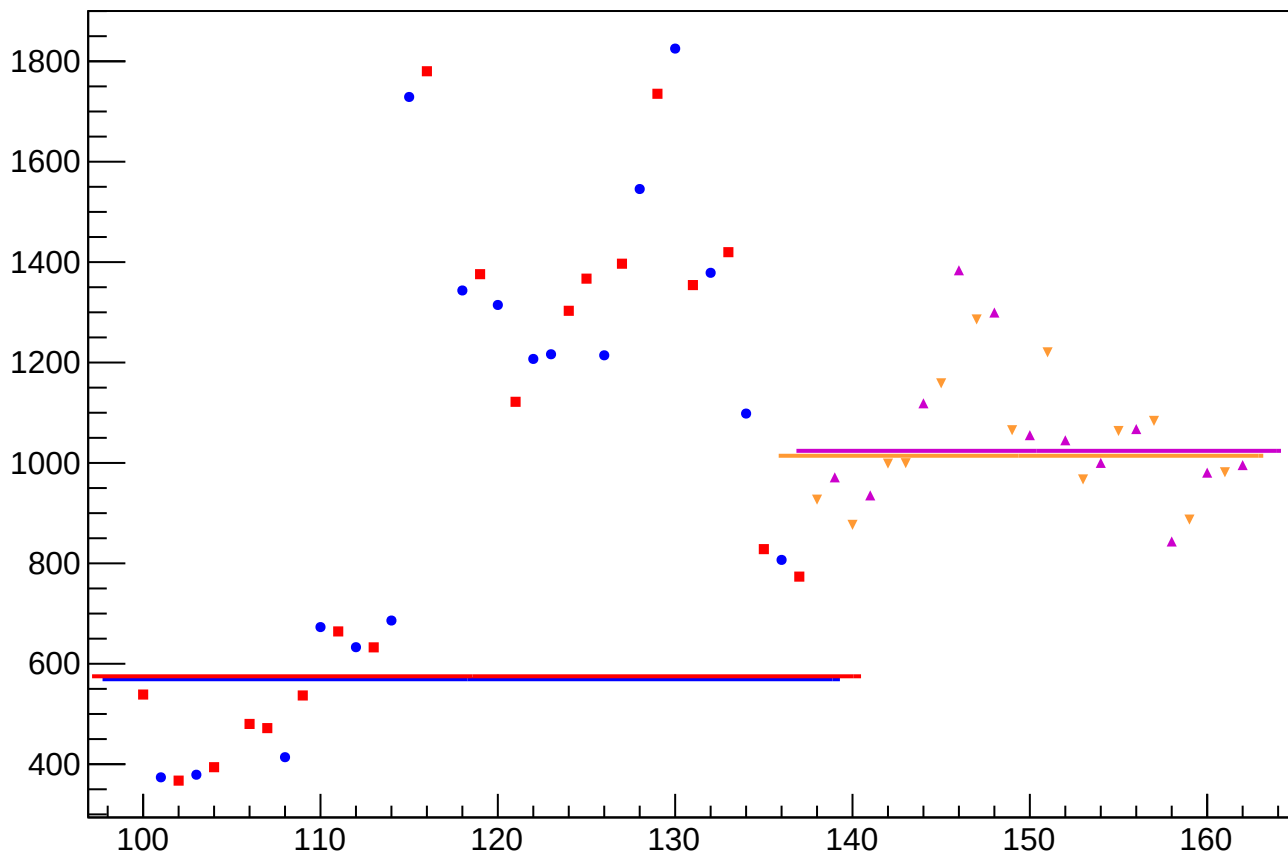
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 240.770+/-200.611 χ^2/NDF :34.7/28

Out: 207.271+/-195.185 χ^2/NDF :44.6/31

All: 223.561+/-139.896 χ^2/NDF : 79.3/60

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1014.305 $\pm$ 0.230 χ^2 /NDF: 243712.7/12

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1024.116 $\pm$ 0.233 χ^2 /NDF: 298790.0/11

Left: 1019.146 $\pm$ 0.164 χ^2 /NDF: 543400.2/24

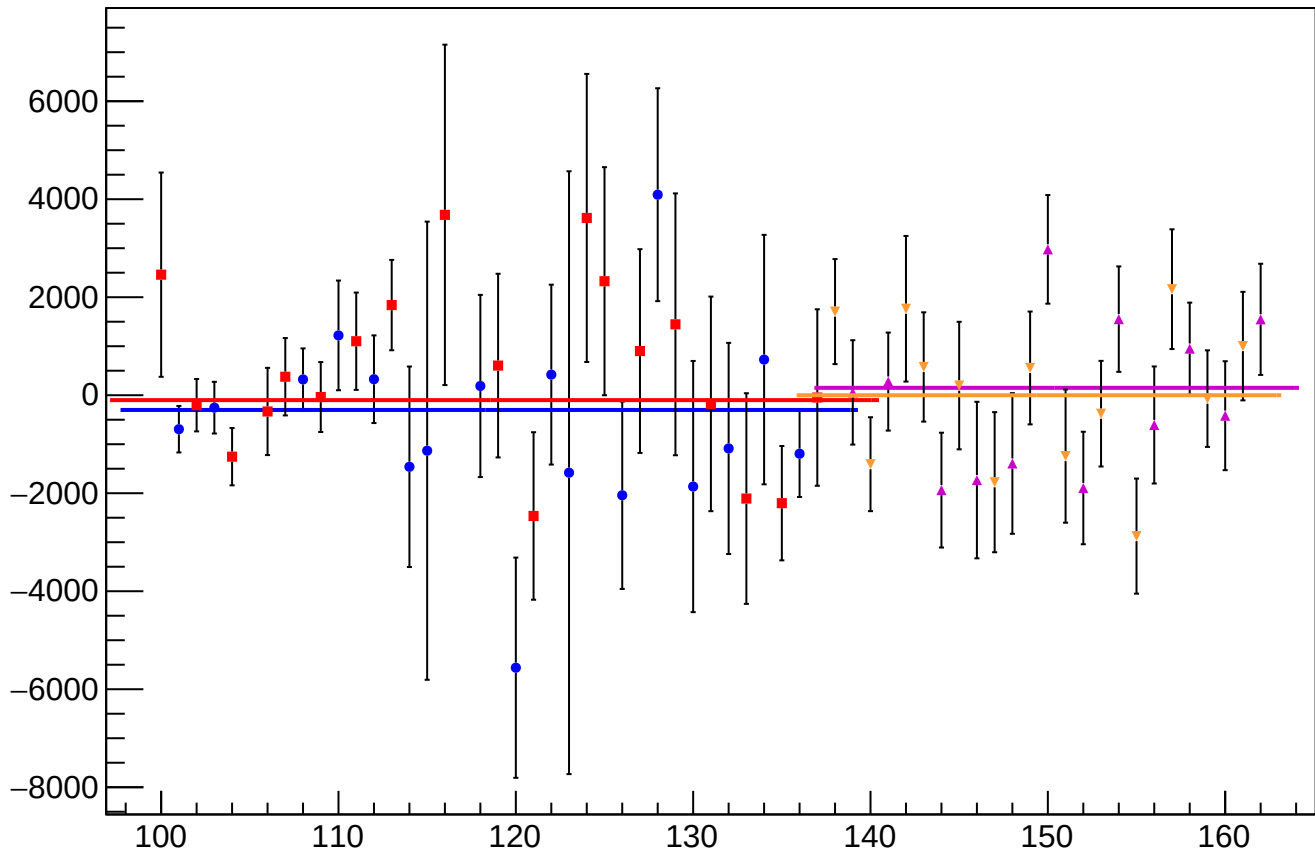
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 737.684 $\pm$ 0.142 χ^2 /NDF: 5964128.8/28

Out: 733.150 $\pm$ 0.138 χ^2 /NDF: 5636148.0/31

All: 735.355 $\pm$ 0.099 χ^2 /NDF: 11600801.7/60

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -0.544 ± 321.199 χ^2/NDF : 19.1/12

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 150.848 ± 327.080 χ^2/NDF : 20.0/11

Left: 73.779 ± 229.173 χ^2/NDF : 39.2/24

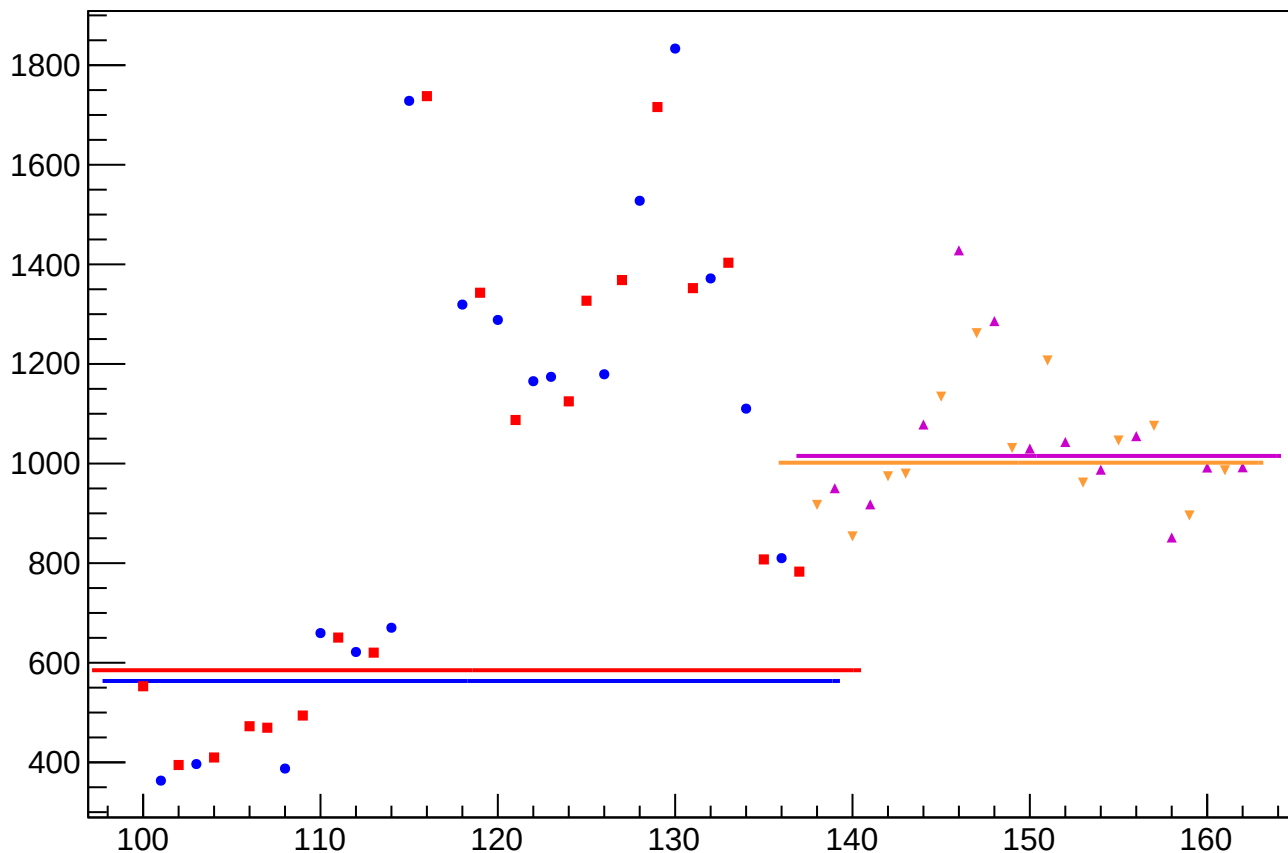
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -133.897 ± 198.776 χ^2/NDF : 37.9/28

Out: -63.204 ± 195.282 χ^2/NDF : 41.5/31

All: -97.924 ± 139.304 χ^2/NDF : 79.5/60

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1001.723 ± 0.227 $\chi^2/\text{NDF}: 232049.8/12$

Right Out: 584.984 ± 0.174 $\chi^2/\text{NDF}: 2818628.0/18$

Left In: 1015.308 ± 0.231 $\chi^2/\text{NDF}: 304646.1/11$

Left: 1008.392 ± 0.162 $\chi^2/\text{NDF}: 538452.4/24$

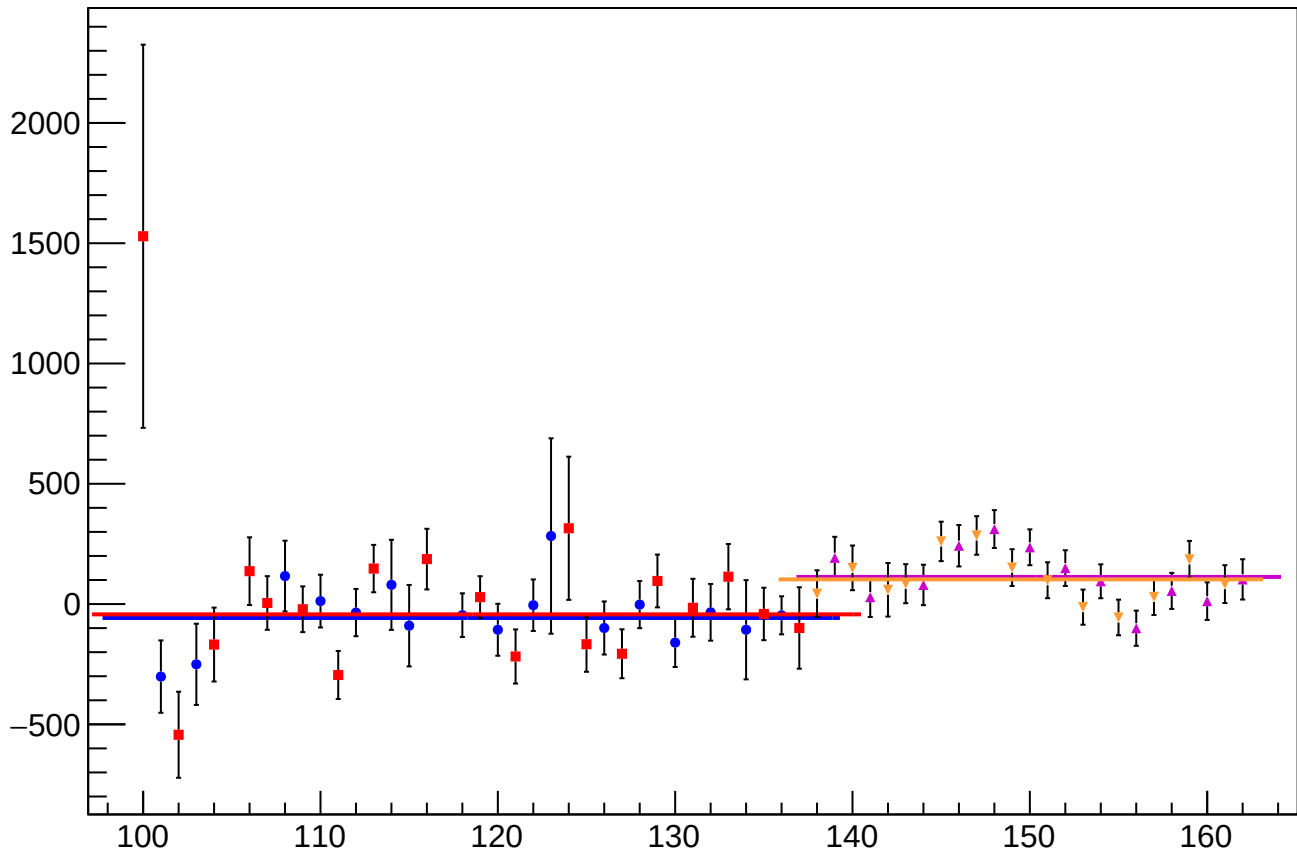
Right: 574.377 ± 0.124 $\chi^2/\text{NDF}: 6085244.2/35$

In: 730.301 ± 0.141 $\chi^2/\text{NDF}: 5971568.5/28$

Out: 739.025 ± 0.138 $\chi^2/\text{NDF}: 5172948.9/31$

All: 734.741 ± 0.099 $\chi^2/\text{NDF}: 11146477.7/60$

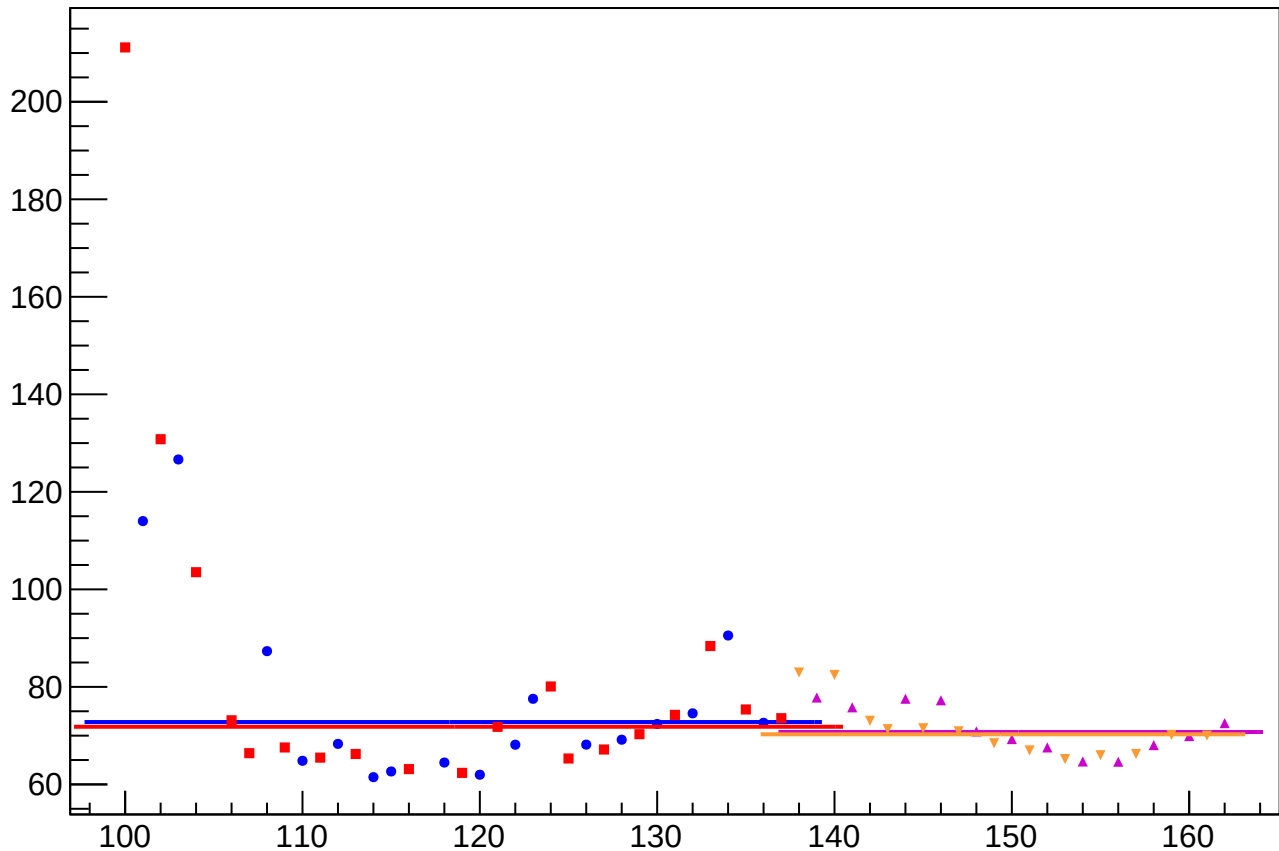
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 102.593 ± 22.433 $\chi^2/\text{NDF}: 19.4/12$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 112.826 ± 22.647 $\chi^2/\text{NDF}: 24.5/11$

Left: 107.661 ± 15.938 $\chi^2/\text{NDF}: 44.0/24$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 47.368 ± 17.777 $\chi^2/\text{NDF}: 55.4/28$
 Out: 44.994 ± 17.432 $\chi^2/\text{NDF}: 75.1/31$
 All: 46.158 ± 12.446 $\chi^2/\text{NDF}: 130.5/60$

dit_asym_sam7_rms vs Slug, Sign Corrected

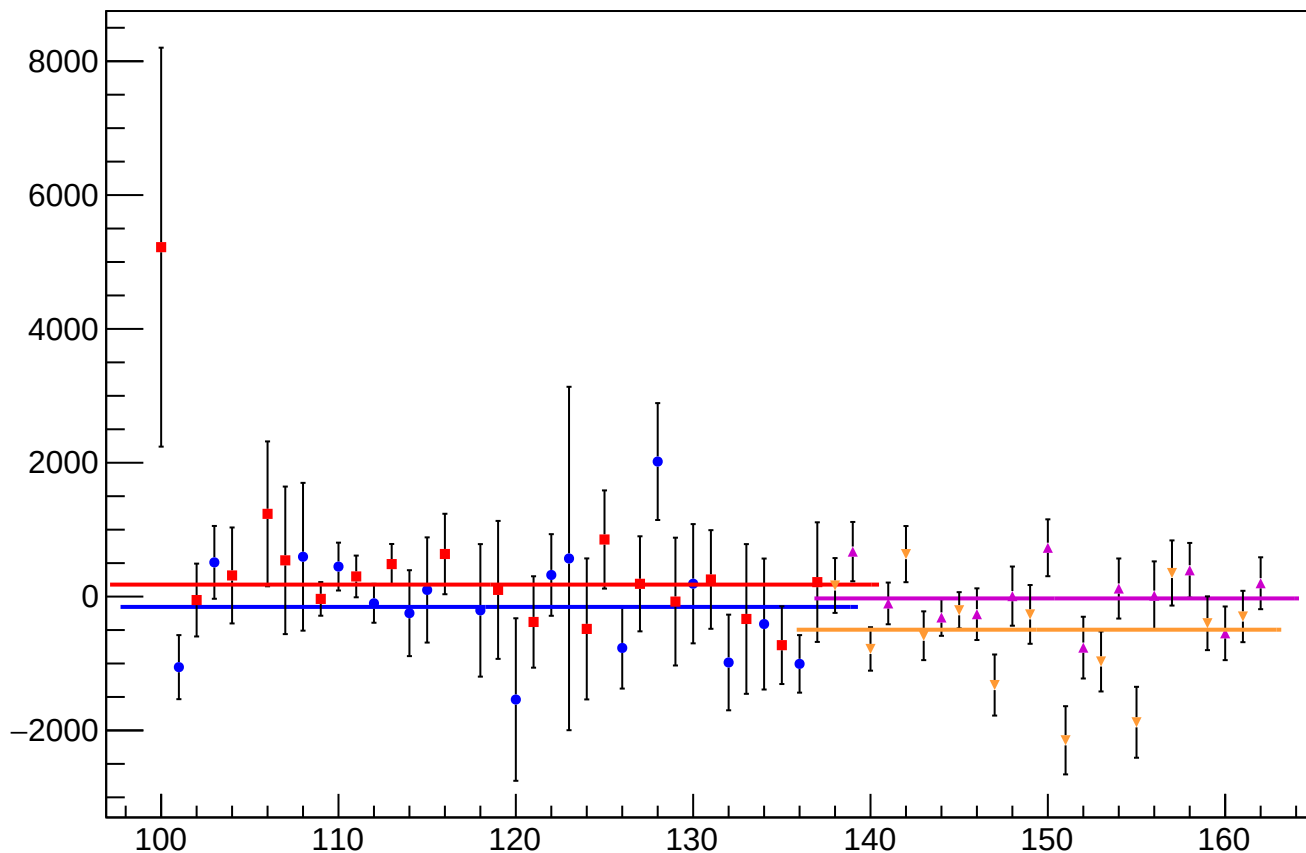


Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$
 Left Out: 70.275 ± 0.016 $\chi^2/\text{NDF}: 97801.1/12$
 Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$
 Left In: 70.744 ± 0.016 $\chi^2/\text{NDF}: 82062.7/11$

Left: 70.507 ± 0.011 $\chi^2/\text{NDF}: 180296.4/24$
 Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$
 In: 71.529 ± 0.013 $\chi^2/\text{NDF}: 553102.3/28$
 Out: 70.889 ± 0.012 $\chi^2/\text{NDF}: 567233.3/31$

All: 71.202 ± 0.009 $\chi^2/\text{NDF}: 1121659.3/60$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -494.943 ± 110.498 $\chi^2/\text{NDF}: 37.2/12$

Right Out: 179.068 ± 126.107 $\chi^2/\text{NDF}: 11.3/18$

Left In: -27.417 ± 112.977 $\chi^2/\text{NDF}: 12.9/11$

Left: -266.367 ± 78.996 $\chi^2/\text{NDF}: 58.9/24$

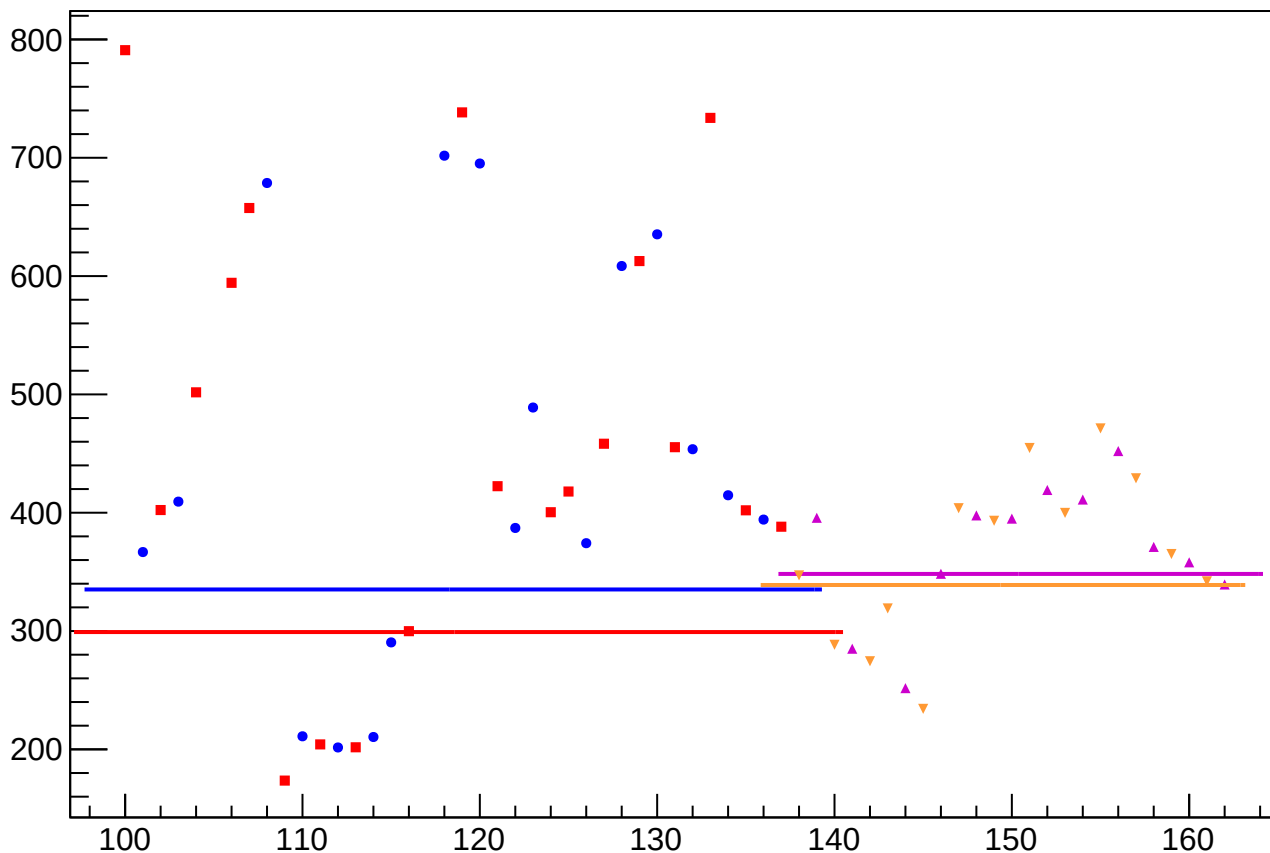
Right: 30.517 ± 93.908 $\chi^2/\text{NDF}: 37.6/35$

In: -77.196 ± 88.093 $\chi^2/\text{NDF}: 36.6/28$

Out: -202.212 ± 83.108 $\chi^2/\text{NDF}: 64.6/31$

All: -143.342 ± 60.452 $\chi^2/\text{NDF}: 102.3/60$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.914+/-0.078 χ^2/NDF : 815024.6/12

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 348.263+/-0.080 χ^2/NDF : 579012.6/11

Left: 343.485+/-0.056 χ^2/NDF : 1401038.1/24

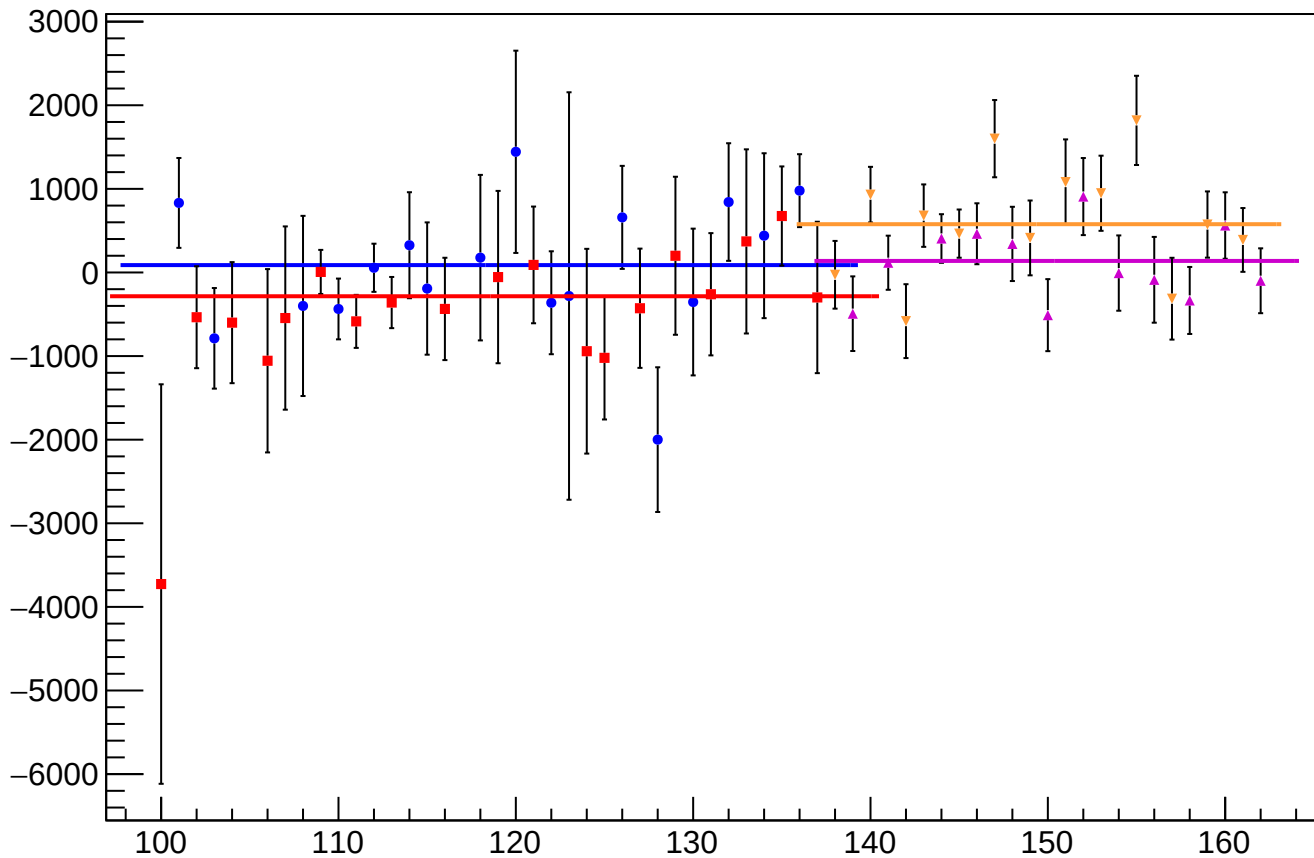
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 343.117+/-0.062 χ^2/NDF : 2583645.5/28

Out: 321.637+/-0.059 χ^2/NDF : 3758684.0/31

All: 331.752+/-0.043 χ^2/NDF : 6405240.0/60

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 577.357+/-112.613 χ^2/NDF : 26.1/12

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 137.975+/-113.936 χ^2/NDF : 12.1/11

Left: 360.231+/-80.093 χ^2/NDF : 45.8/24

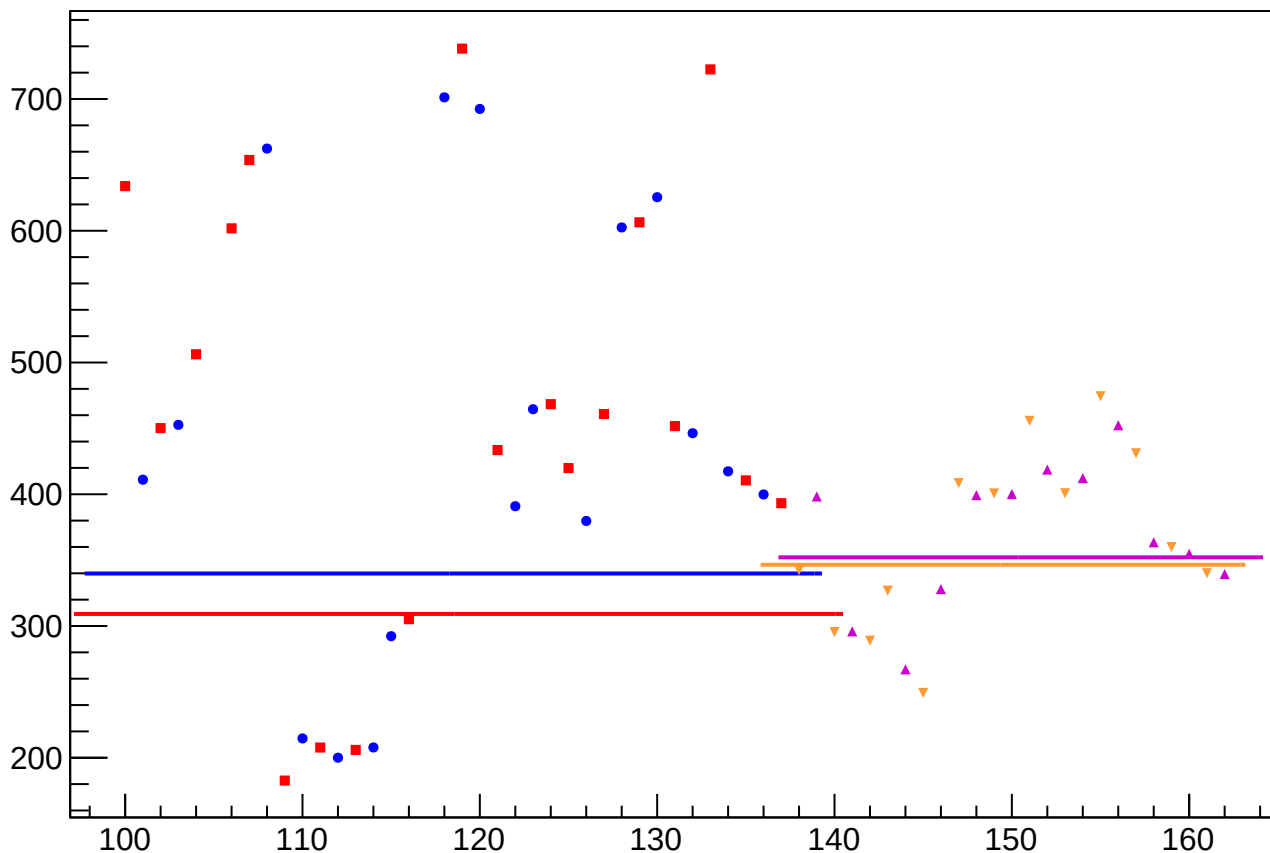
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 118.617+/-89.114 χ^2/NDF : 33.0/28

Out: 206.817+/-85.026 χ^2/NDF : 61.5/31

All: 164.786+/-61.517 χ^2/NDF : 95.0/60

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 346.488 $\pm$ 0.080 χ^2 /NDF: 678093.3/12

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 352.135 $\pm$ 0.081 χ^2 /NDF: 466812.0/11

Left: 349.278 $\pm$ 0.057 χ^2 /NDF: 1147390.4/24

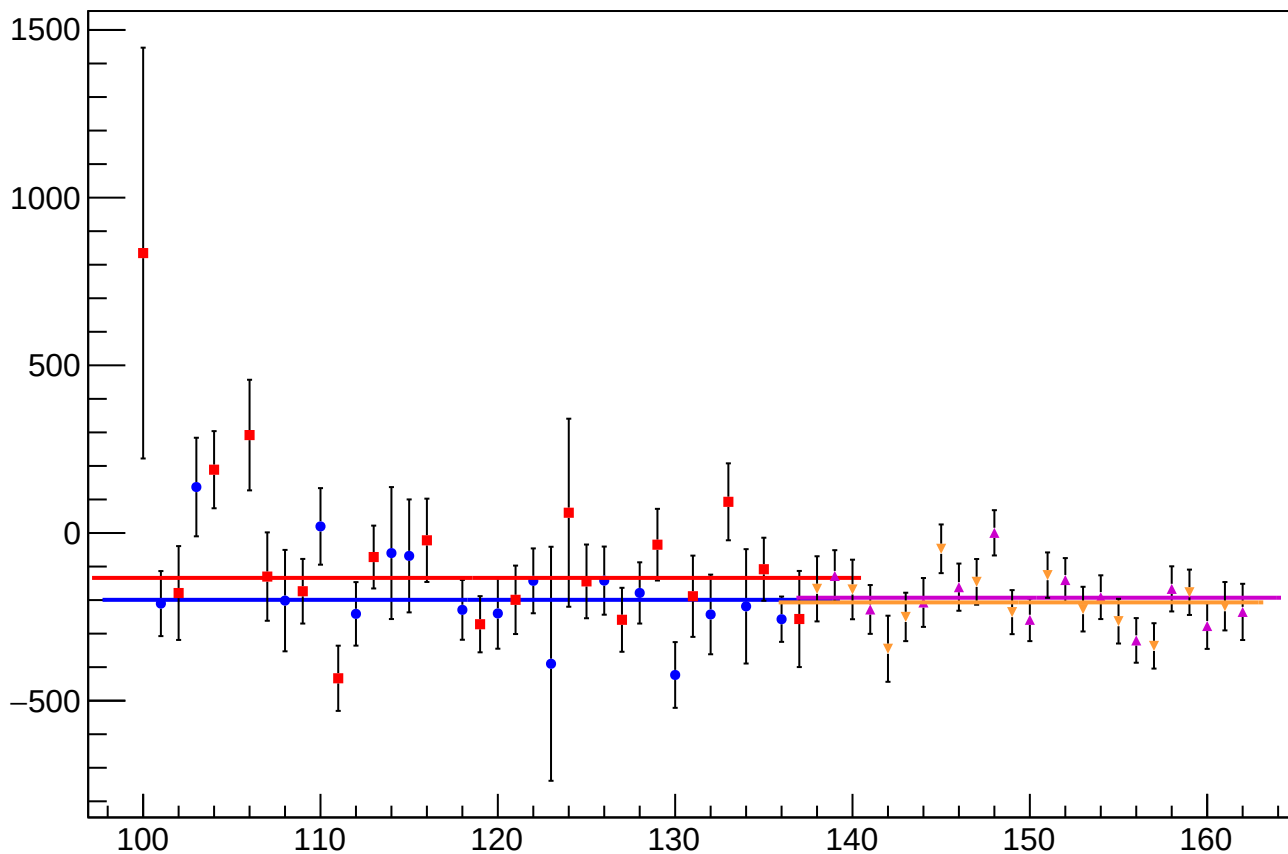
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 347.365 $\pm$ 0.063 χ^2 /NDF: 2519362.2/28

Out: 330.439 $\pm$ 0.060 χ^2 /NDF: 3508464.3/31

All: 338.505 $\pm$ 0.043 χ^2 /NDF: 6065595.7/60

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -206.850 ± 20.149 $\chi^2/\text{NDF}: 14.7/12$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -192.980 ± 20.048 $\chi^2/\text{NDF}: 16.7/11$

Left: -199.880 ± 14.212 $\chi^2/\text{NDF}: 31.6/24$

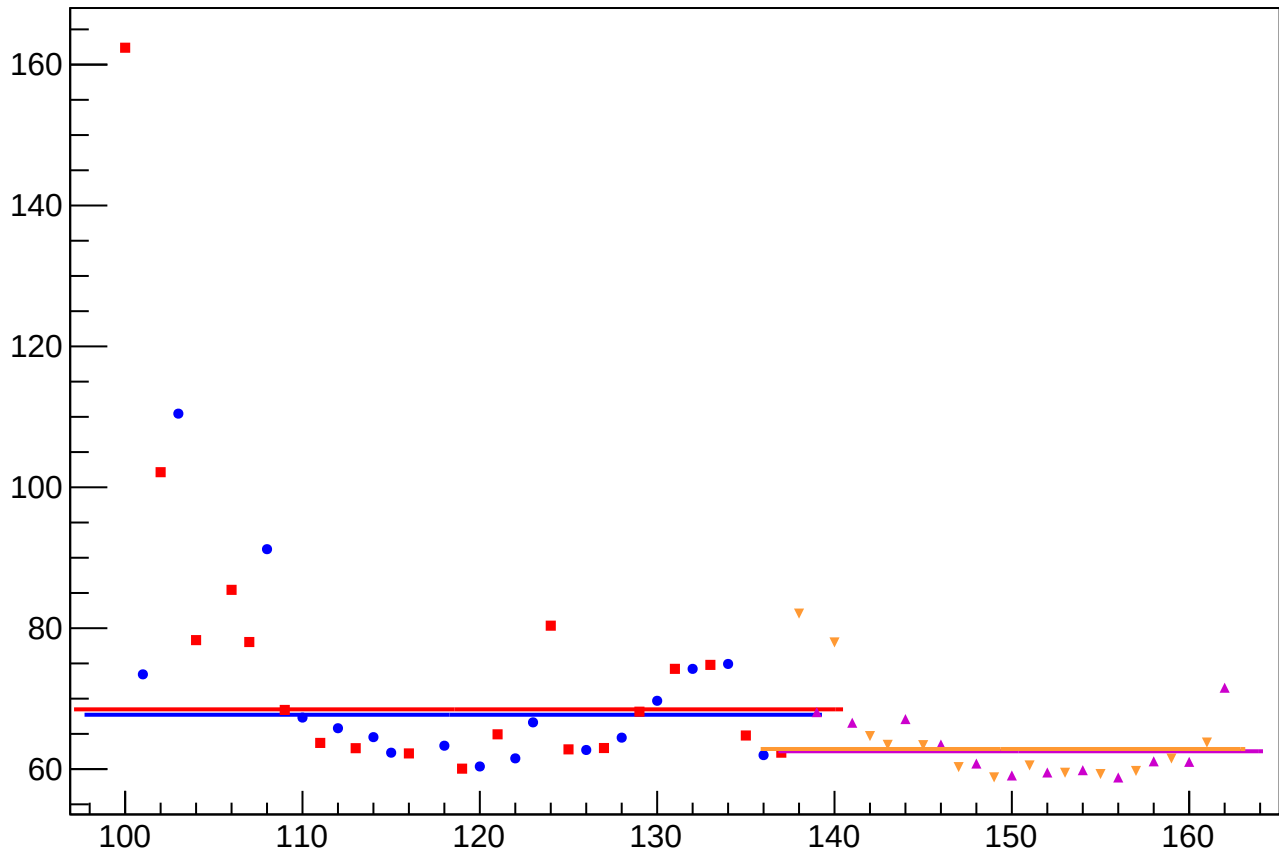
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -195.261 ± 15.991 $\chi^2/\text{NDF}: 34.4/28$

Out: -179.755 ± 15.978 $\chi^2/\text{NDF}: 58.7/31$

All: -187.502 ± 11.303 $\chi^2/\text{NDF}: 93.6/60$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 62.854 $\pm$ 0.014 χ^2 /NDF:166231.6/12

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 62.531 $\pm$ 0.014 χ^2 /NDF:70972.0/11

Left: 62.692 $\pm$ 0.010 χ^2 /NDF: 237462.3/24

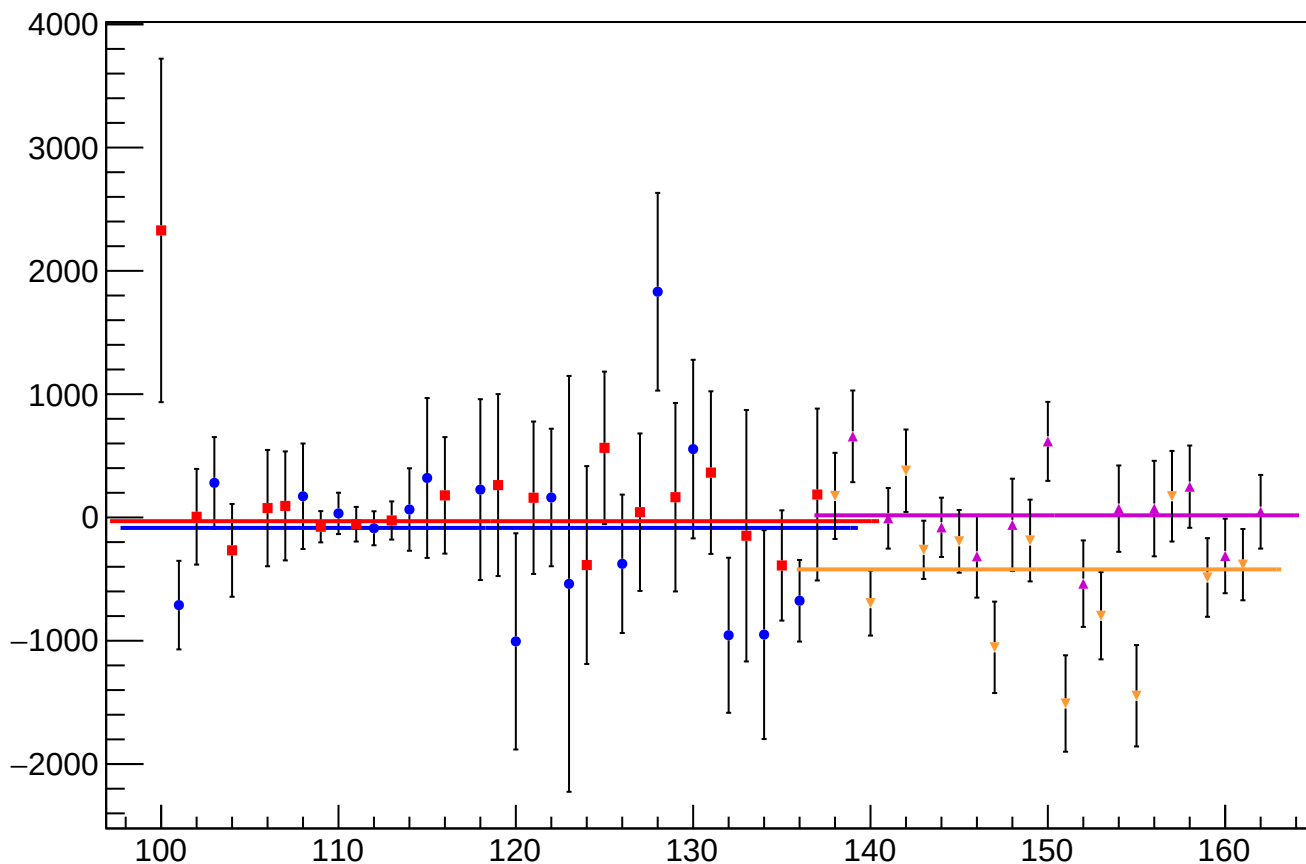
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.417 $\pm$ 0.011 χ^2 /NDF:402512.4/28

Out: 64.943 $\pm$ 0.011 χ^2 /NDF:505538.3/31

All: 64.680 $\pm$ 0.008 χ^2 /NDF: 909132.4/60

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -421.088 ± 87.393 χ^2/NDF : 32.1/12

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 17.230 ± 90.927 χ^2/NDF : 11.9/11

Left: -210.612 ± 63.008 χ^2/NDF : 56.1/24

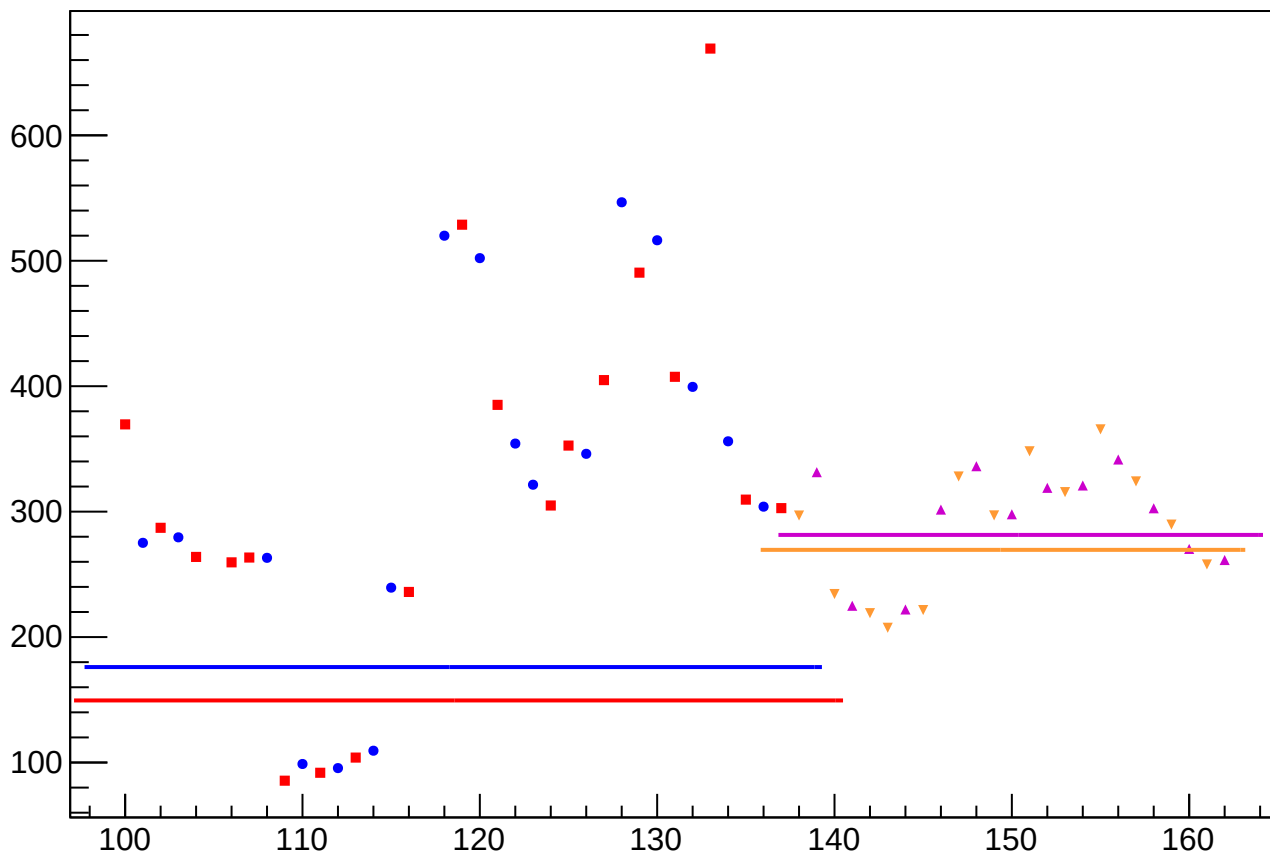
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -38.606 ± 61.167 χ^2/NDF : 32.5/28

Out: -182.084 ± 54.474 χ^2/NDF : 50.7/31

All: -118.621 ± 40.680 χ^2/NDF : 86.2/60

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 269.532 $\pm$ 0.062 χ^2 /NDF: 645666.9/12

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 281.447 $\pm$ 0.064 χ^2 /NDF: 435803.8/11

Left: 275.254 $\pm$ 0.045 χ^2 /NDF: 1099321.3/24

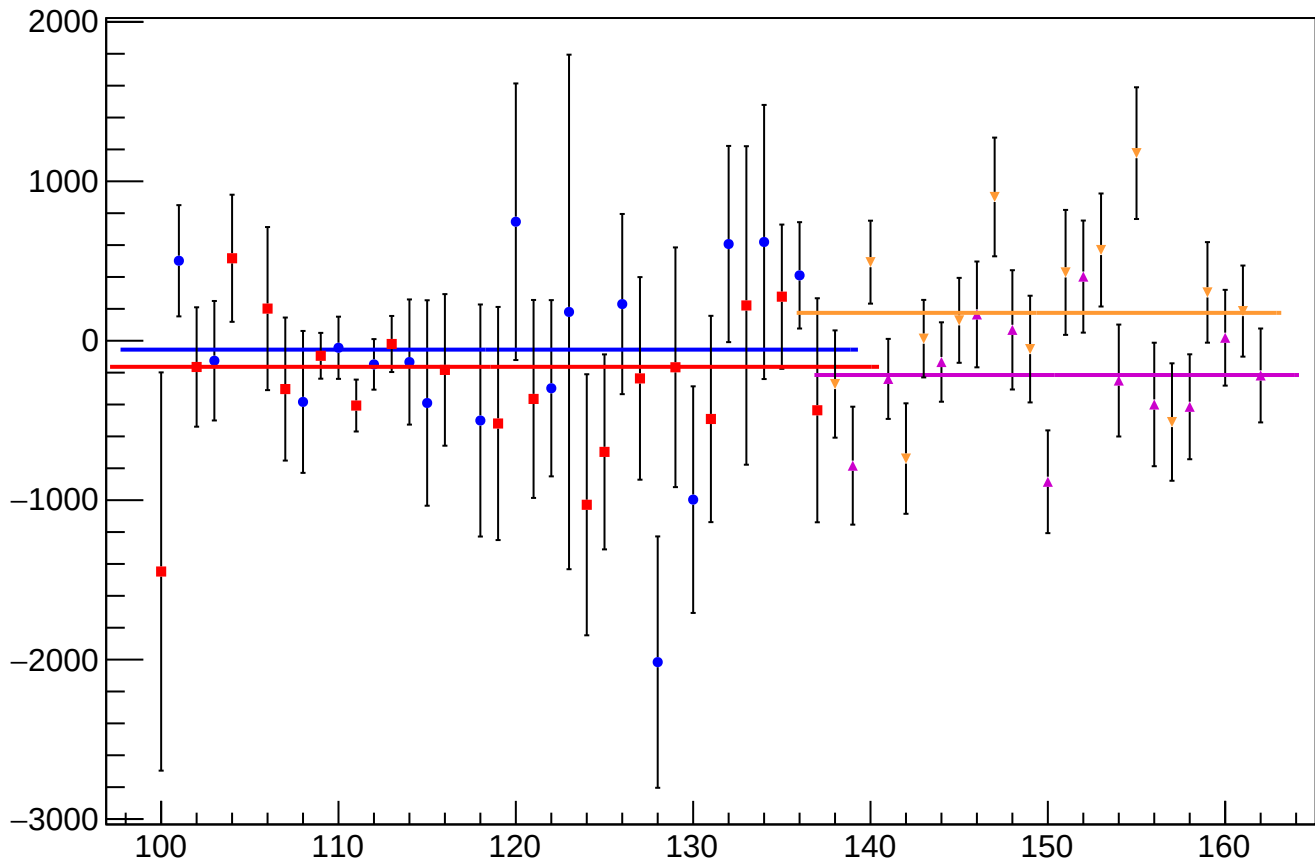
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 223.771 $\pm$ 0.043 χ^2 /NDF: 6129335.9/28

Out: 196.126 $\pm$ 0.039 χ^2 /NDF: 7774291.7/31

All: 208.354 $\pm$ 0.029 χ^2 /NDF: 14131450.7/60

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 174.903+/-88.011 χ^2/NDF : 26.1/12

Right Out: -163.564+/-76.926 χ^2/NDF : 11.4/18

Left In: -214.893+/-91.333 χ^2/NDF : 13.0/11

Left: -12.778+/-63.375 χ^2/NDF : 48.5/24

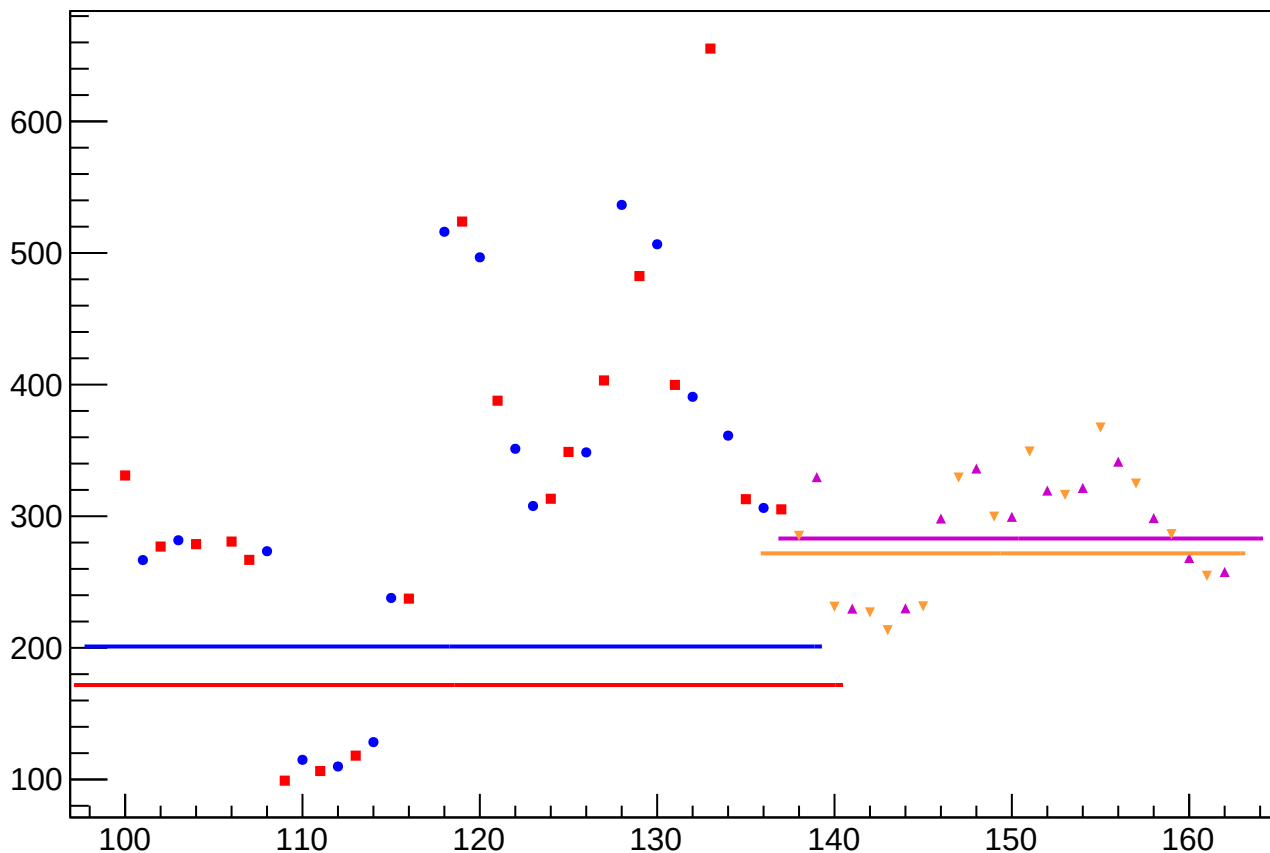
Right: -118.372+/-58.632 χ^2/NDF : 29.4/35

In: -134.643+/-64.311 χ^2/NDF : 31.6/28

Out: -16.976+/-57.920 χ^2/NDF : 45.9/31

All: -69.673+/-43.038 χ^2/NDF : 79.4/60

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 271.813 $\pm$ 0.062 χ^2 /NDF: 577212.7/12

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 283.075 $\pm$ 0.065 χ^2 /NDF: 377552.6/11

Left: 277.236 $\pm$ 0.045 χ^2 /NDF: 970532.3/24

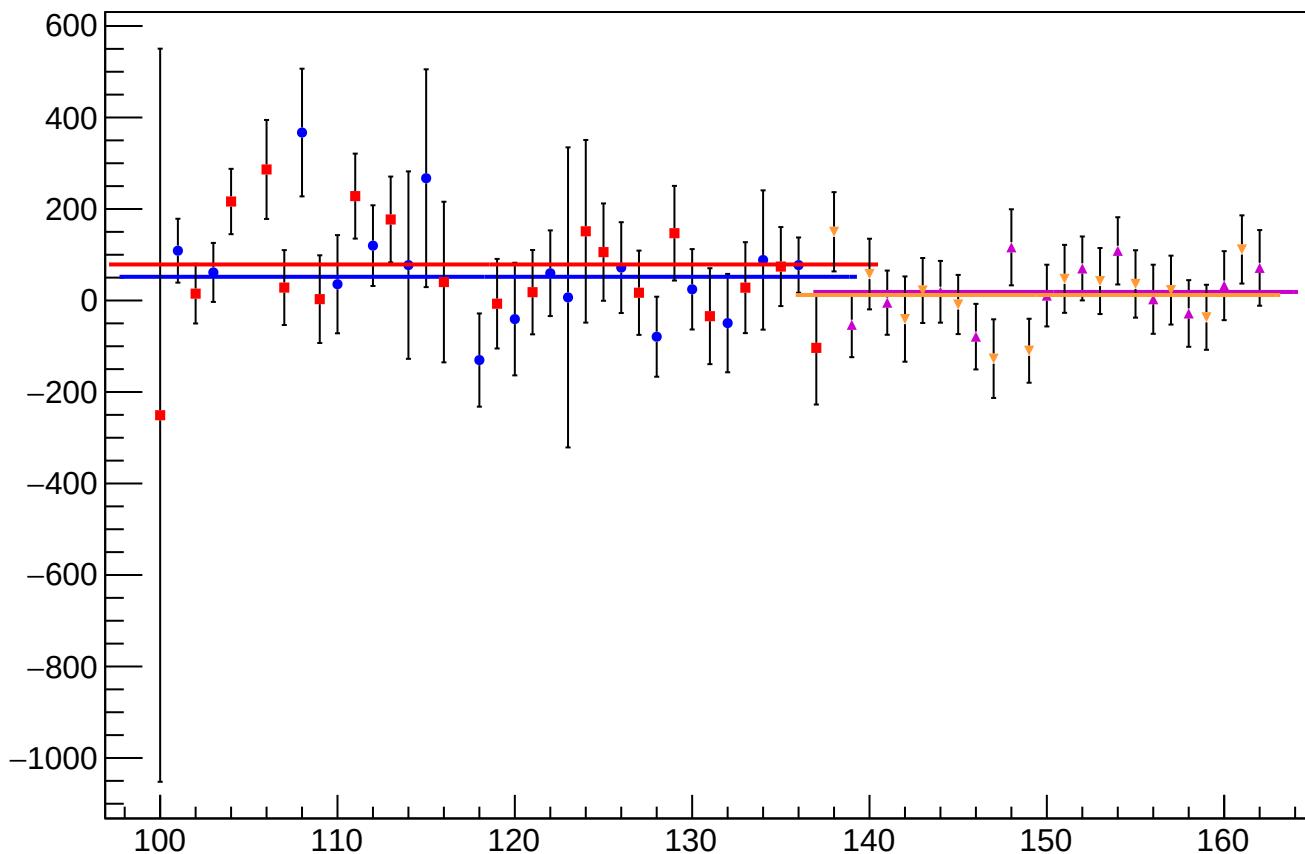
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 241.713 $\pm$ 0.045 χ^2 /NDF: 4624159.4/28

Out: 215.096 $\pm$ 0.041 χ^2 /NDF: 6140593.7/31

All: 227.016 $\pm$ 0.030 χ^2 /NDF: 10953914.1/60

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 12.071 $\pm$ 20.829 χ^2 /NDF:11.8/12

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 18.653 $\pm$ 21.047 χ^2 /NDF:7.3/11

Left: 15.328 $\pm$ 14.805 χ^2 /NDF: 19.2/24

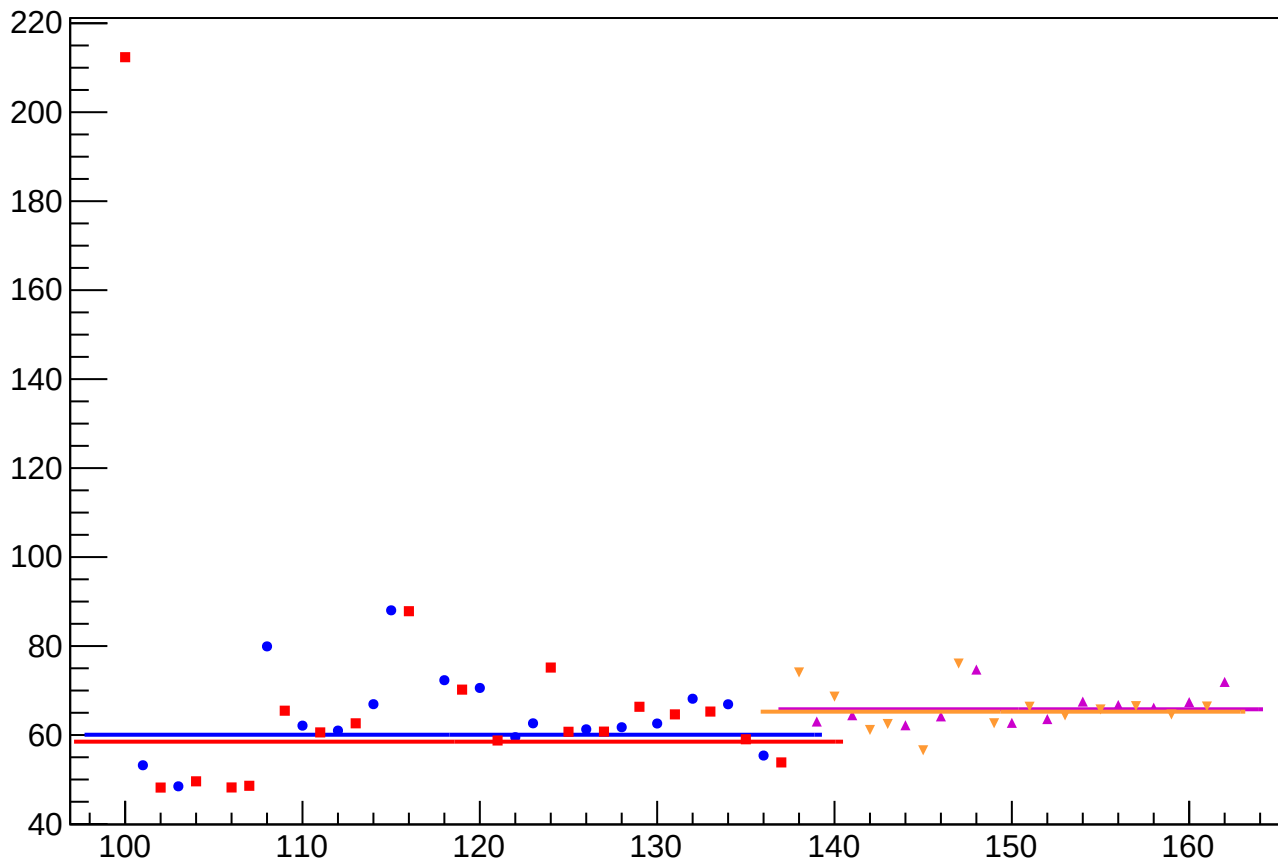
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 33.380 $\pm$ 15.690 χ^2 /NDF:23.0/28

Out: 42.857 $\pm$ 15.282 χ^2 /NDF:35.7/31

All: 38.243 $\pm$ 10.947 χ^2 /NDF: 58.8/60

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.251 $\pm$ 0.015 χ^2 /NDF: 104003.6/12

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 65.785 $\pm$ 0.015 χ^2 /NDF: 52989.6/11

Left: 65.515 $\pm$ 0.010 χ^2 /NDF: 157642.8/24

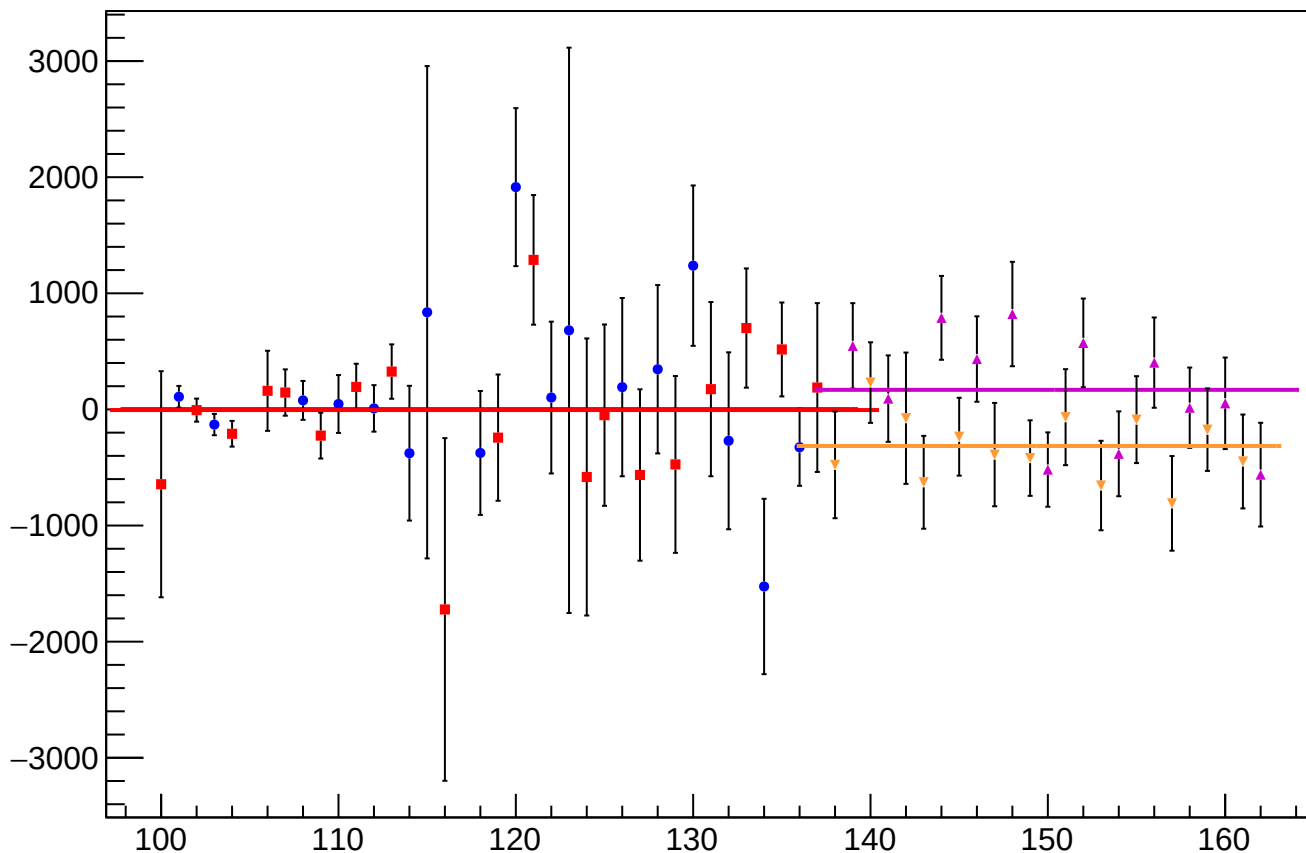
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 63.244 $\pm$ 0.011 χ^2 /NDF: 347706.8/28

Out: 62.138 $\pm$ 0.011 χ^2 /NDF: 549594.6/31

All: 62.676 $\pm$ 0.008 χ^2 /NDF: 902399.0/60

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -314.758 ± 108.066 $\chi^2/\text{NDF}: 6.8/12$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 168.698 ± 108.383 $\chi^2/\text{NDF}: 18.0/11$

Left: -73.738 ± 76.526 $\chi^2/\text{NDF}: 34.8/24$

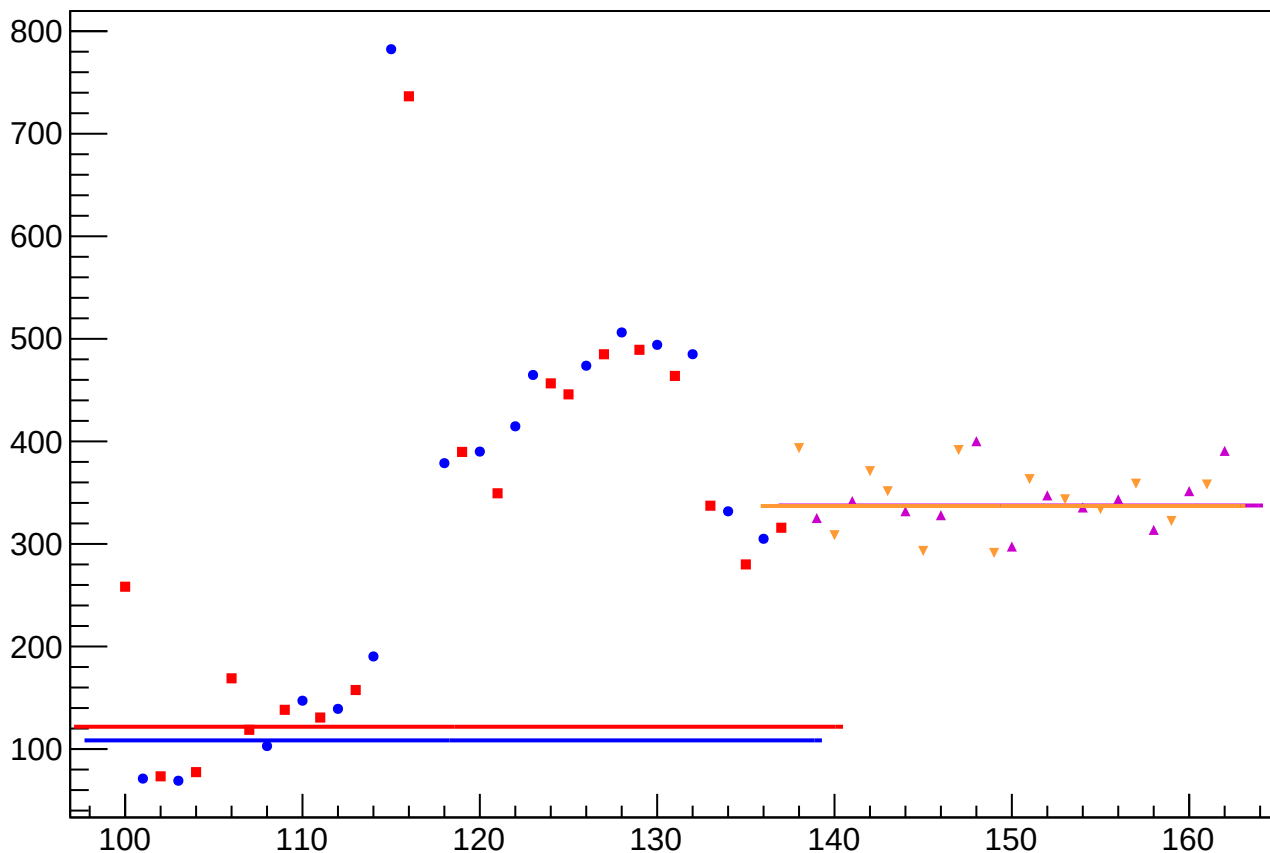
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 35.095 ± 48.537 $\chi^2/\text{NDF}: 41.3/28$

Out: -71.840 ± 50.081 $\chi^2/\text{NDF}: 33.9/31$

All: -16.699 ± 34.854 $\chi^2/\text{NDF}: 77.6/60$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 336.978 $\pm$ 0.076 χ^2 /NDF: 180434.4/12

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 337.498 $\pm$ 0.077 χ^2 /NDF: 116750.7/11

Left: 337.237 $\pm$ 0.054 χ^2 /NDF: 297208.2/24

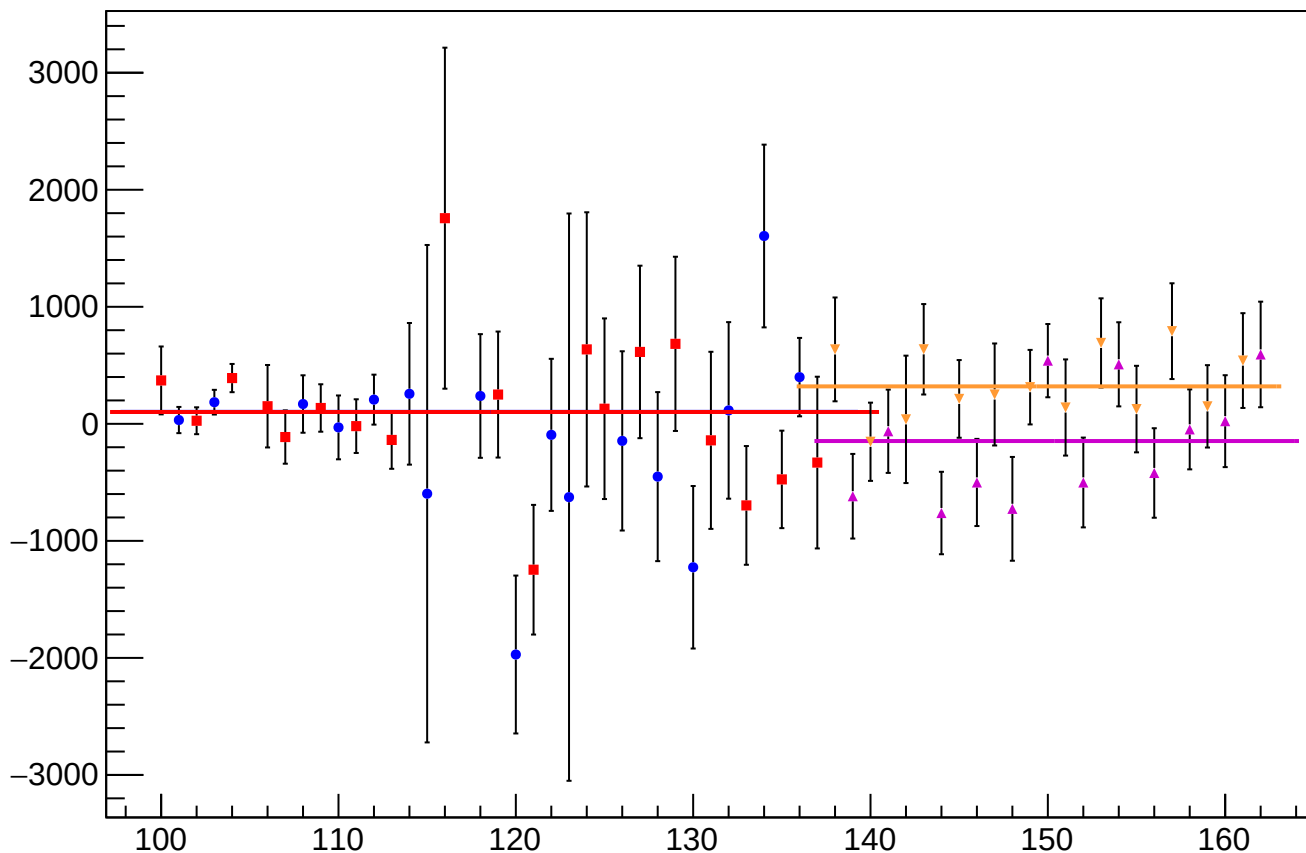
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 154.380 $\pm$ 0.034 χ^2 /NDF: 12662037.7/28

Out: 167.985 $\pm$ 0.035 χ^2 /NDF: 11180005.6/31

All: 160.970 $\pm$ 0.025 χ^2 /NDF: 23918146.8/60

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 319.977 $\pm$ 106.247 χ^2 /NDF:6.9/12

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -146.986 $\pm$ 106.929 χ^2 /NDF:19.9/11

Left: 87.988 $\pm$ 75.368 χ^2 /NDF: 36.3/24

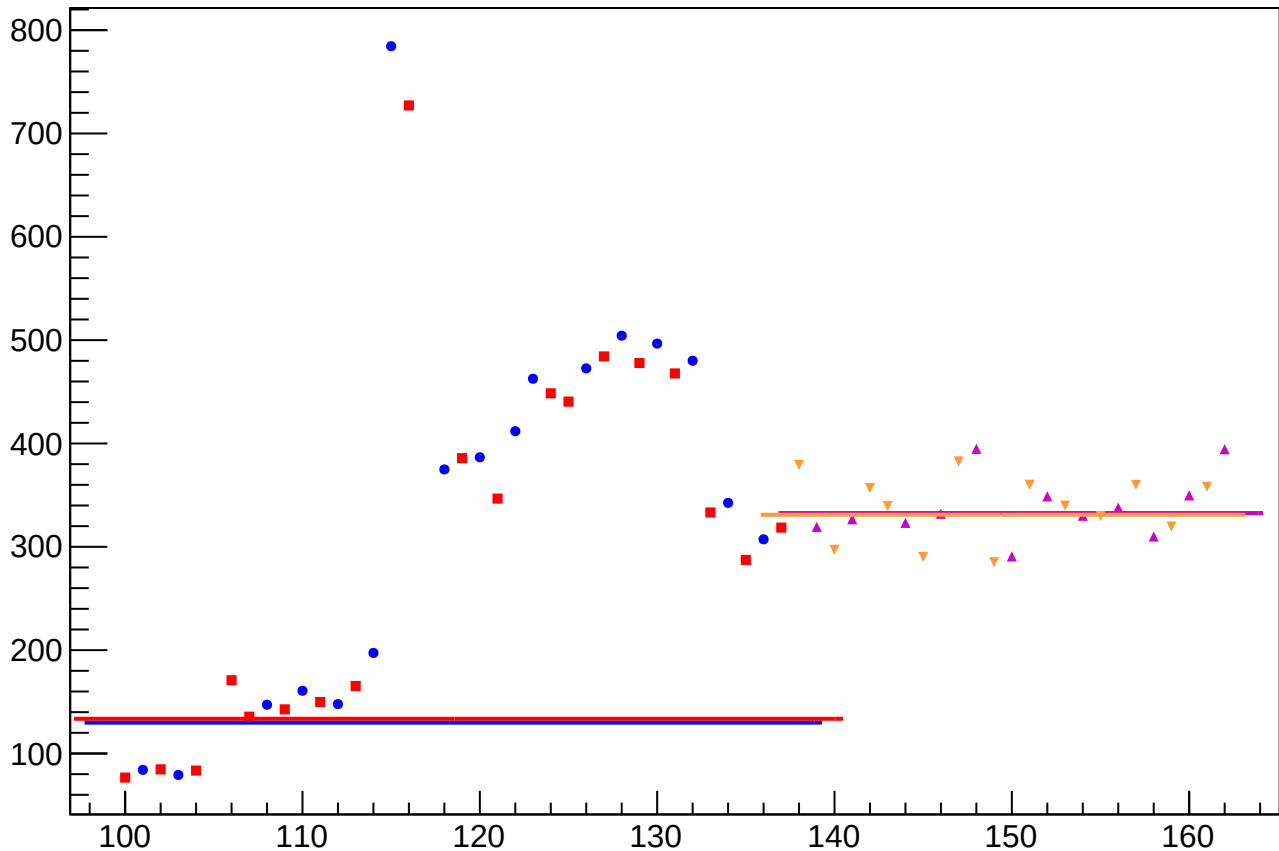
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 37.812 $\pm$ 54.361 χ^2 /NDF:44.2/28

Out: 155.267 $\pm$ 52.800 χ^2 /NDF:32.7/31

All: 98.250 $\pm$ 37.875 χ^2 /NDF: 79.3/60

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2/NDF : 4829521.2/16

Left Out: 331.046 $\pm$ 0.075 χ^2/NDF : 181796.6/12

Right Out: 133.604 $\pm$ 0.043 χ^2/NDF : 4363378.8/18

Left In: 332.688 $\pm$ 0.076 χ^2/NDF : 134062.0/11

Left: 331.862 $\pm$ 0.053 χ^2/NDF : 316095.9/24

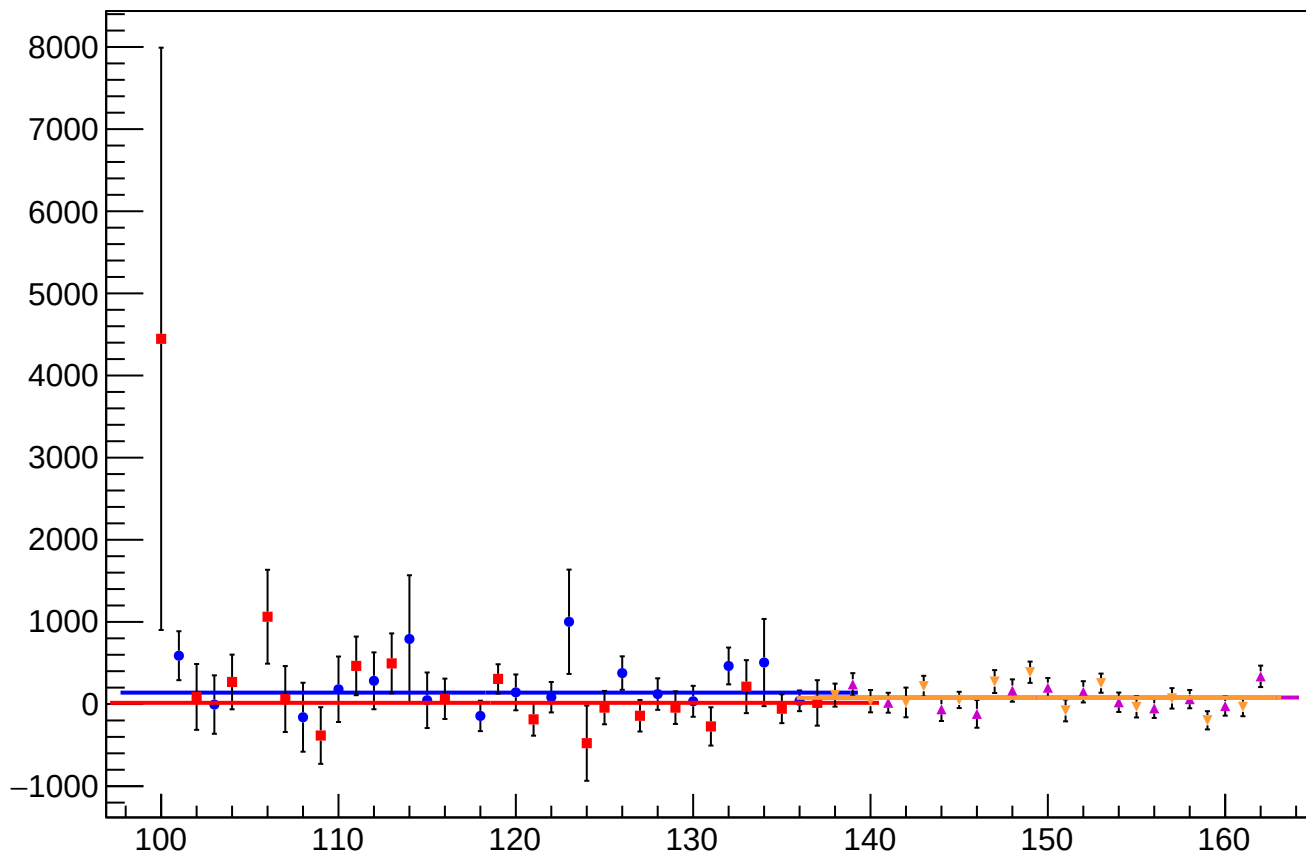
Right: 131.813 $\pm$ 0.031 χ^2/NDF : 9196501.4/35

In: 182.300 $\pm$ 0.038 χ^2/NDF : 10298559.3/28

Out: 182.366 $\pm$ 0.037 χ^2/NDF : 9746170.7/31

All: 182.334 $\pm$ 0.027 χ^2/NDF : 20044731.6/60

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 75.237 $\pm$ 34.850 χ^2 /NDF:20.8/12

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 79.287 $\pm$ 36.522 χ^2 /NDF:12.0/11

Left: 77.168 $\pm$ 25.213 χ^2 /NDF: 32.8/24

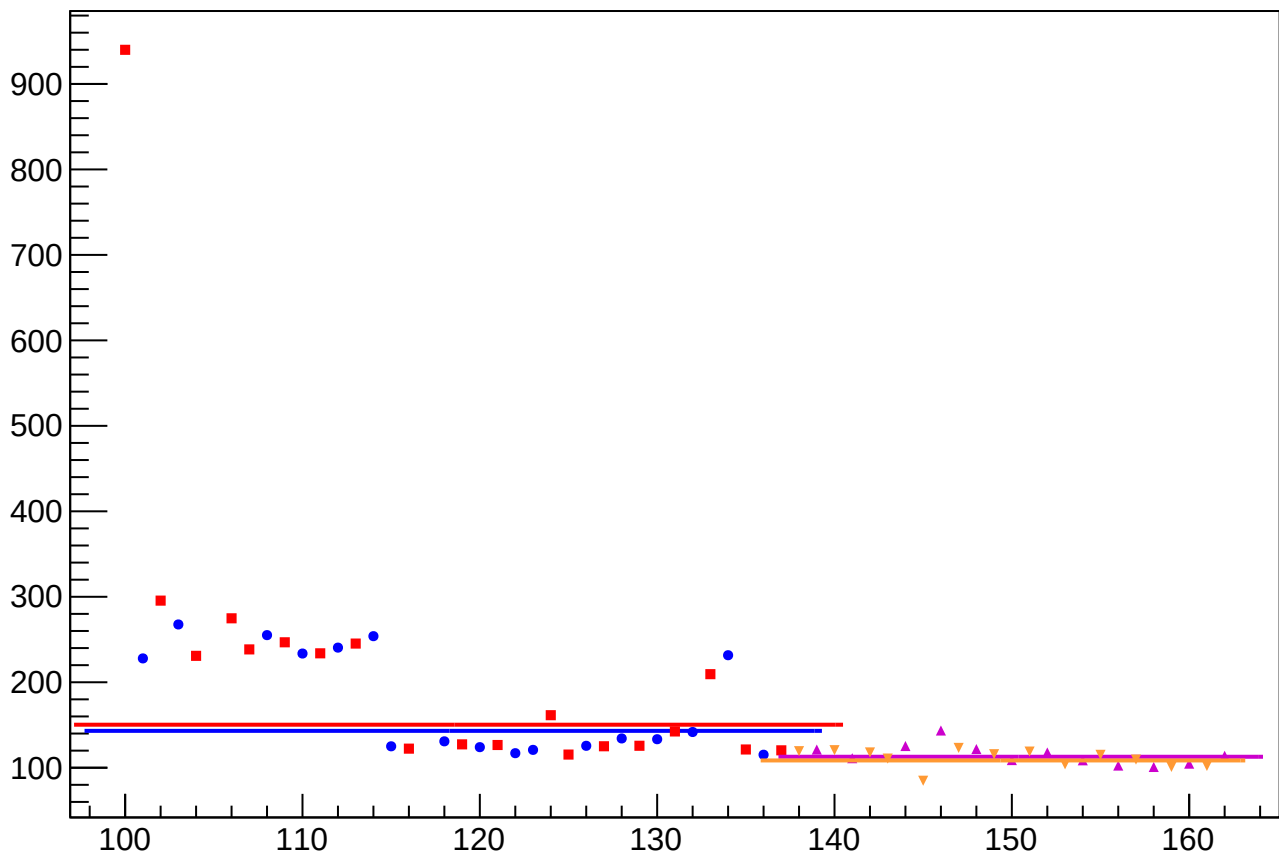
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 96.276 $\pm$ 30.903 χ^2 /NDF:25.9/28

Out: 60.065 $\pm$ 30.150 χ^2 /NDF:39.5/31

All: 77.724 $\pm$ 21.581 χ^2 /NDF: 66.1/60

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 108.521 $\pm$ 0.025 χ^2 /NDF:213353.7/12

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 112.838 $\pm$ 0.026 χ^2 /NDF:154643.3/11

Left: 110.578 $\pm$ 0.018 χ^2 /NDF: 382623.4/24

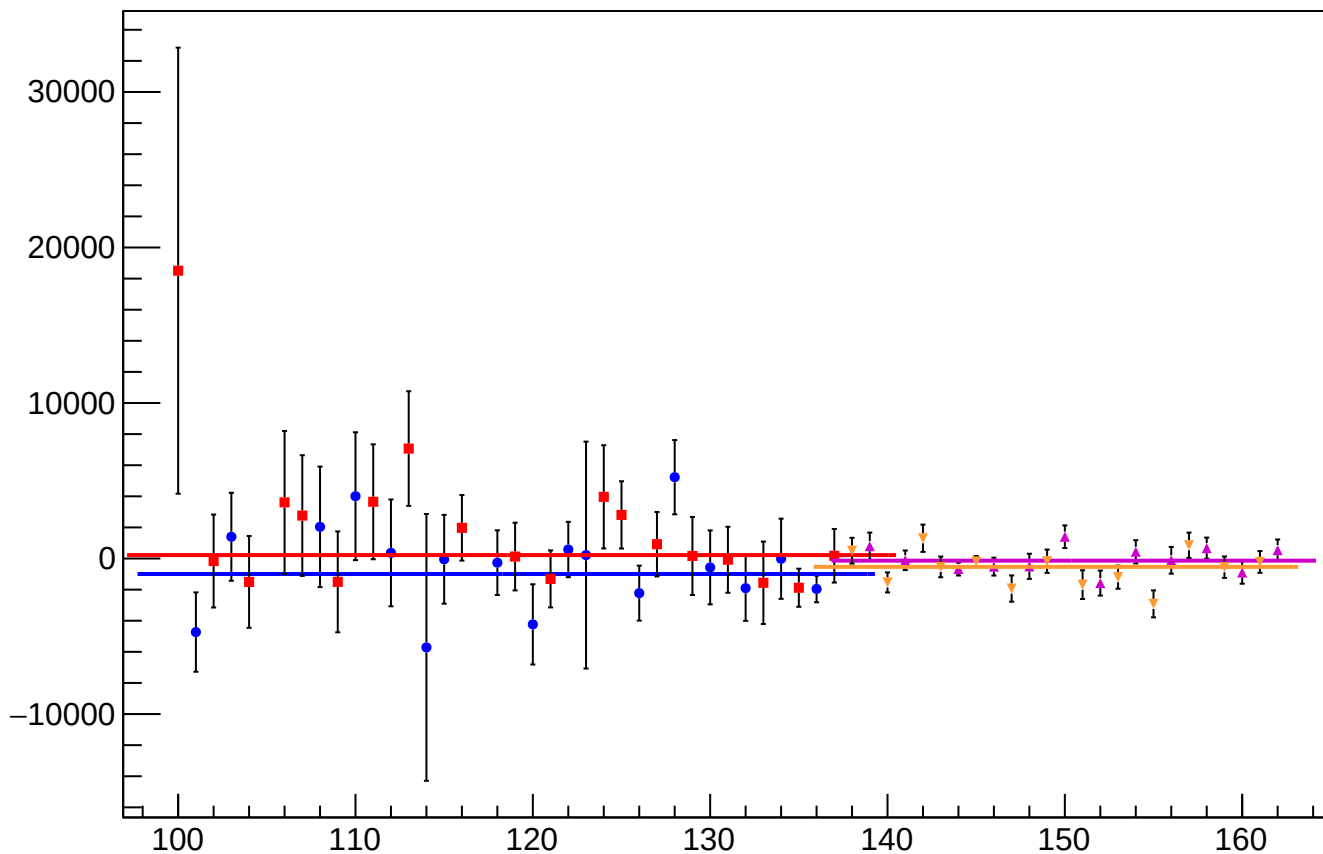
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 121.446 $\pm$ 0.022 χ^2 /NDF:1646981.2/28

Out: 119.038 $\pm$ 0.021 χ^2 /NDF:2369601.9/31

All: 120.212 $\pm$ 0.015 χ^2 /NDF: 4022801.4/60

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 $\pm$ 516.463 χ^2 /NDF: 16.9/16

Left Out: -537.360 $\pm$ 187.121 χ^2 /NDF:25.3/12

Right Out: 221.353 $\pm$ 543.431 χ^2 /NDF: 15.2/18

Left In: -137.700 $\pm$ 192.995 χ^2 /NDF:15.2/11

Left: -343.704 $\pm$ 134.343 χ^2 /NDF: 42.7/24

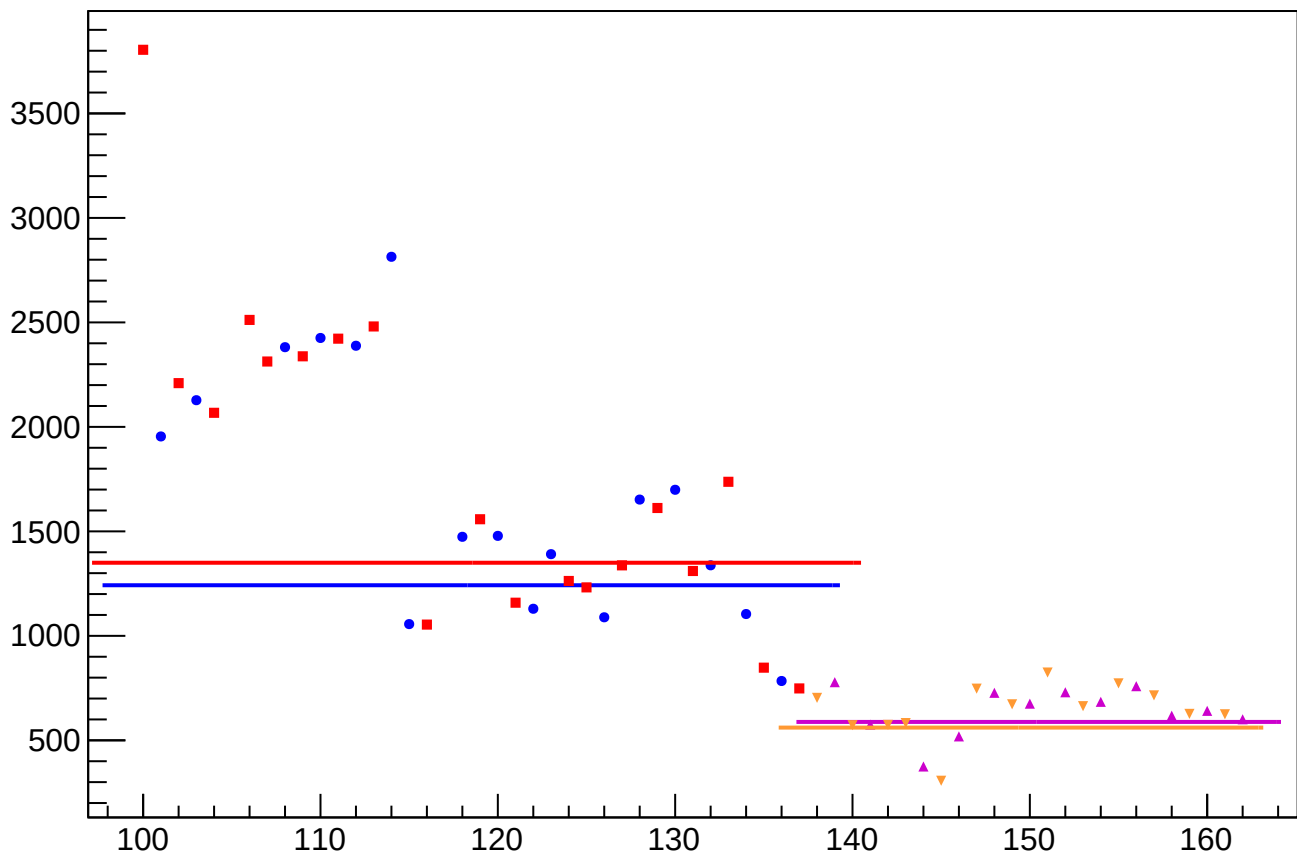
Right: -417.113 $\pm$ 374.365 χ^2 /NDF: 34.7/35

In: -242.596 $\pm$ 180.785 χ^2 /NDF:34.5/28

Out: -456.938 $\pm$ 176.926 χ^2 /NDF:42.2/31

All: -352.079 $\pm$ 126.448 χ^2 /NDF: 77.4/60

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 560.975+/-0.132 χ^2/NDF : 1664991.8/12

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 588.076+/-0.136 χ^2/NDF : 917207.5/11

Left: 574.107+/-0.095 χ^2/NDF : 2602527.4/24

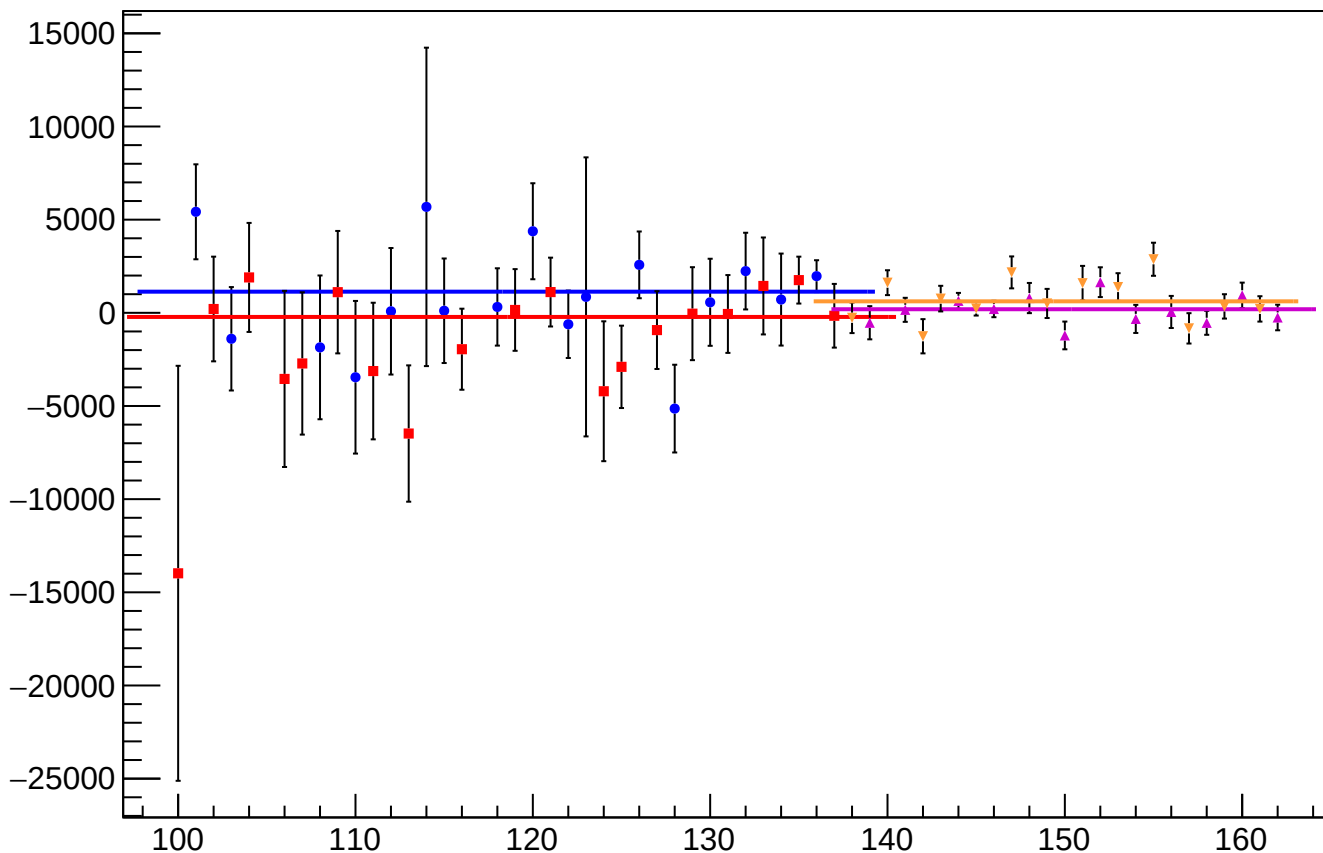
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 668.223+/-0.128 χ^2/NDF : 5499553.7/28

Out: 644.596+/-0.125 χ^2/NDF : 7300917.1/31

All: 656.154+/-0.089 χ^2/NDF : 12817919.5/60

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 616.686 $\pm$ 191.870 χ^2/NDF : 24.3/12

Right Out: -220.849 $\pm$ 547.528 χ^2/NDF : 13.5/18

Left In: 192.495 $\pm$ 185.642 χ^2/NDF : 12.6/11

Left: 397.594 $\pm$ 133.416 χ^2/NDF : 39.4/24

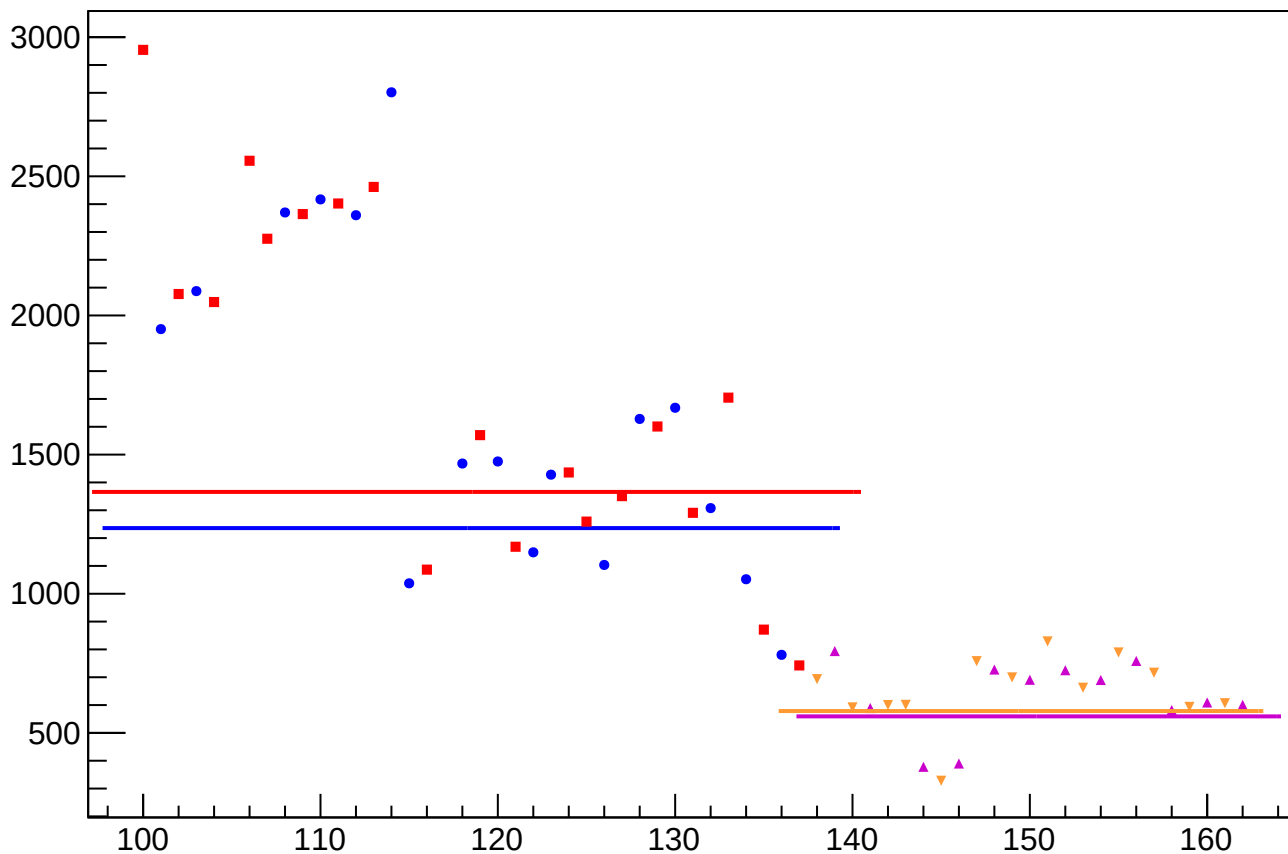
Right: 500.276 $\pm$ 374.656 χ^2/NDF : 34.5/35

In: 301.365 $\pm$ 174.594 χ^2/NDF : 33.4/28

Out: 525.084 $\pm$ 181.074 χ^2/NDF : 39.8/31

All: 409.150 $\pm$ 125.685 χ^2/NDF : 74.0/60

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 578.509+/-0.136 χ^2/NDF :1387404.2/12

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 559.338+/-0.131 χ^2/NDF :1223480.4/11

Left: 568.607+/-0.094 χ^2/NDF : 2621197.5/24

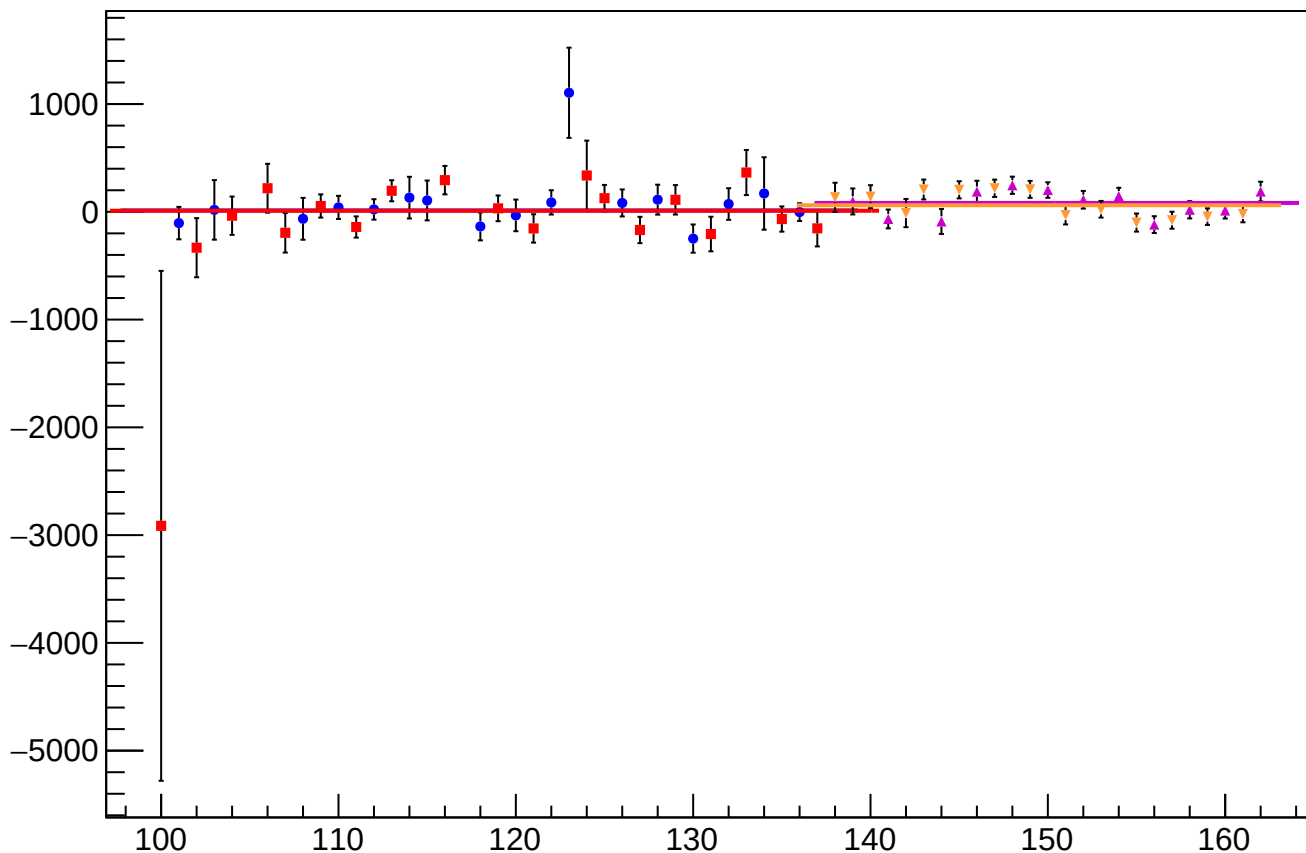
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 637.474+/-0.123 χ^2/NDF :6037248.7/28

Out: 664.631+/-0.128 χ^2/NDF :6821625.8/31

All: 650.558+/-0.089 χ^2/NDF : 12882186.0/60

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 60.914 $\pm$ 24.052 χ^2 /NDF:25.3/12

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 82.455 $\pm$ 24.530 χ^2 /NDF:23.5/11

Left: 71.473 $\pm$ 17.174 χ^2 /NDF: 49.2/24

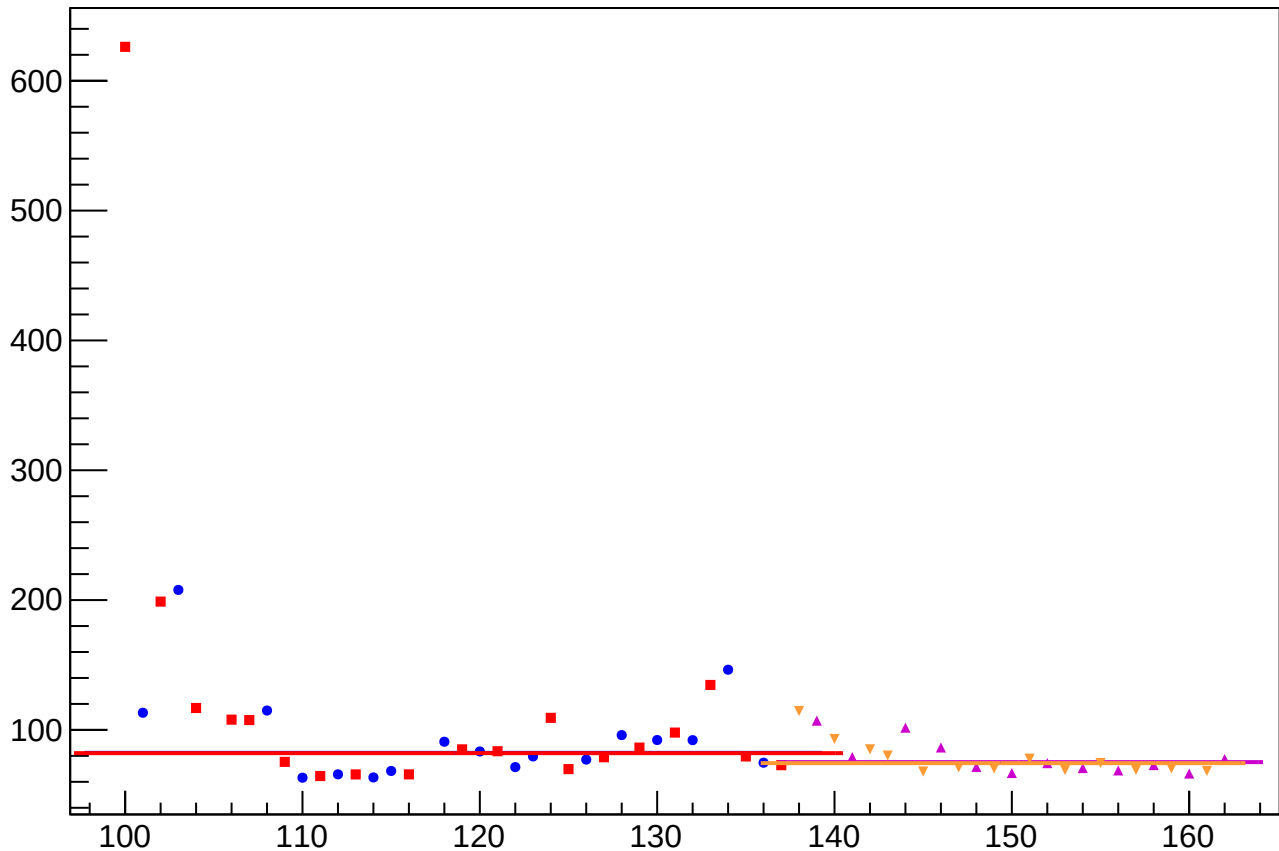
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 57.711 $\pm$ 19.735 χ^2 /NDF:41.7/28

Out: 42.983 $\pm$ 19.355 χ^2 /NDF:55.1/31

All: 50.204 $\pm$ 13.818 χ^2 /NDF: 97.2/60

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 74.388 $\pm$ 0.017 χ^2 /NDF: 320274.7/12

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 75.180 $\pm$ 0.017 χ^2 /NDF: 357539.7/11

Left: 74.776 $\pm$ 0.012 χ^2 /NDF: 678878.4/24

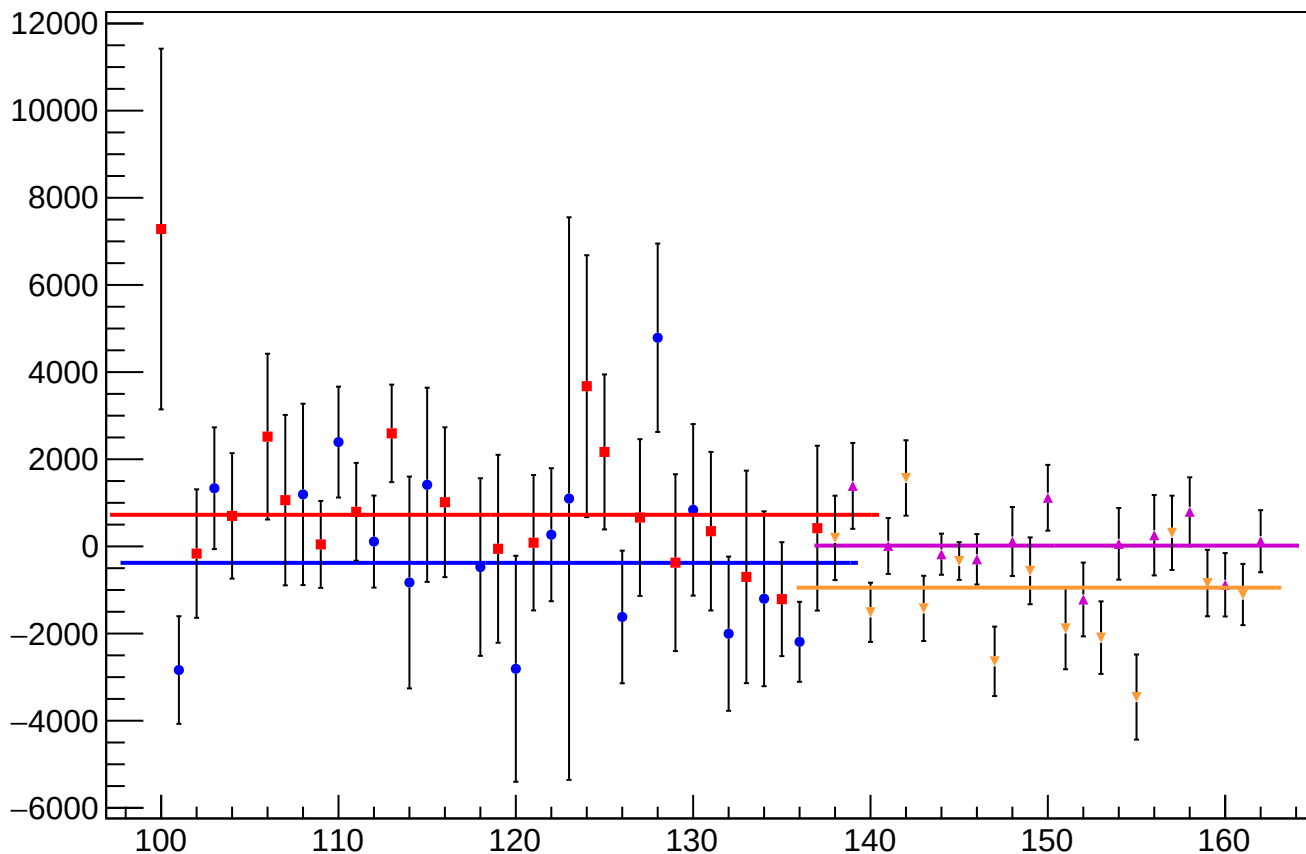
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 77.694 $\pm$ 0.014 χ^2 /NDF: 1285817.5/28

Out: 77.102 $\pm$ 0.014 χ^2 /NDF: 1351582.7/31

All: 77.392 $\pm$ 0.010 χ^2 /NDF: 2638314.9/60

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -946.358+/-205.315 χ^2/NDF : 29.5/12

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 18.044+/-204.980 χ^2/NDF : 9.2/11

Left: -463.370+/-145.061 χ^2/NDF : 49.7/24

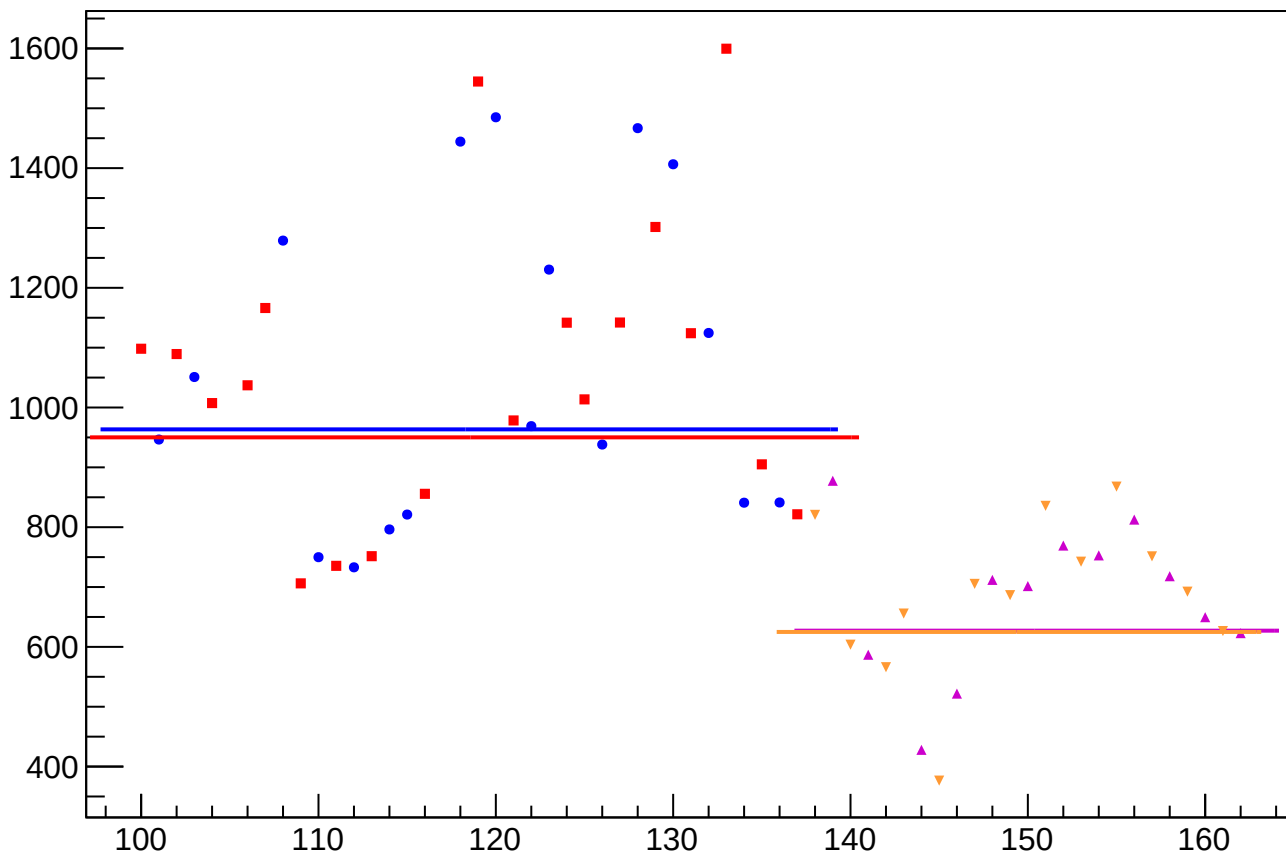
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -69.669+/-180.819 χ^2/NDF : 34.5/28

Out: -548.189+/-179.201 χ^2/NDF : 57.1/31

All: -311.079+/-127.282 χ^2/NDF : 95.2/60

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.962+/-0.145 χ^2/NDF : 1113025.2/12

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 627.097+/-0.145 χ^2/NDF : 814546.6/11

Left: 626.031+/-0.103 χ^2/NDF : 1927680.0/24

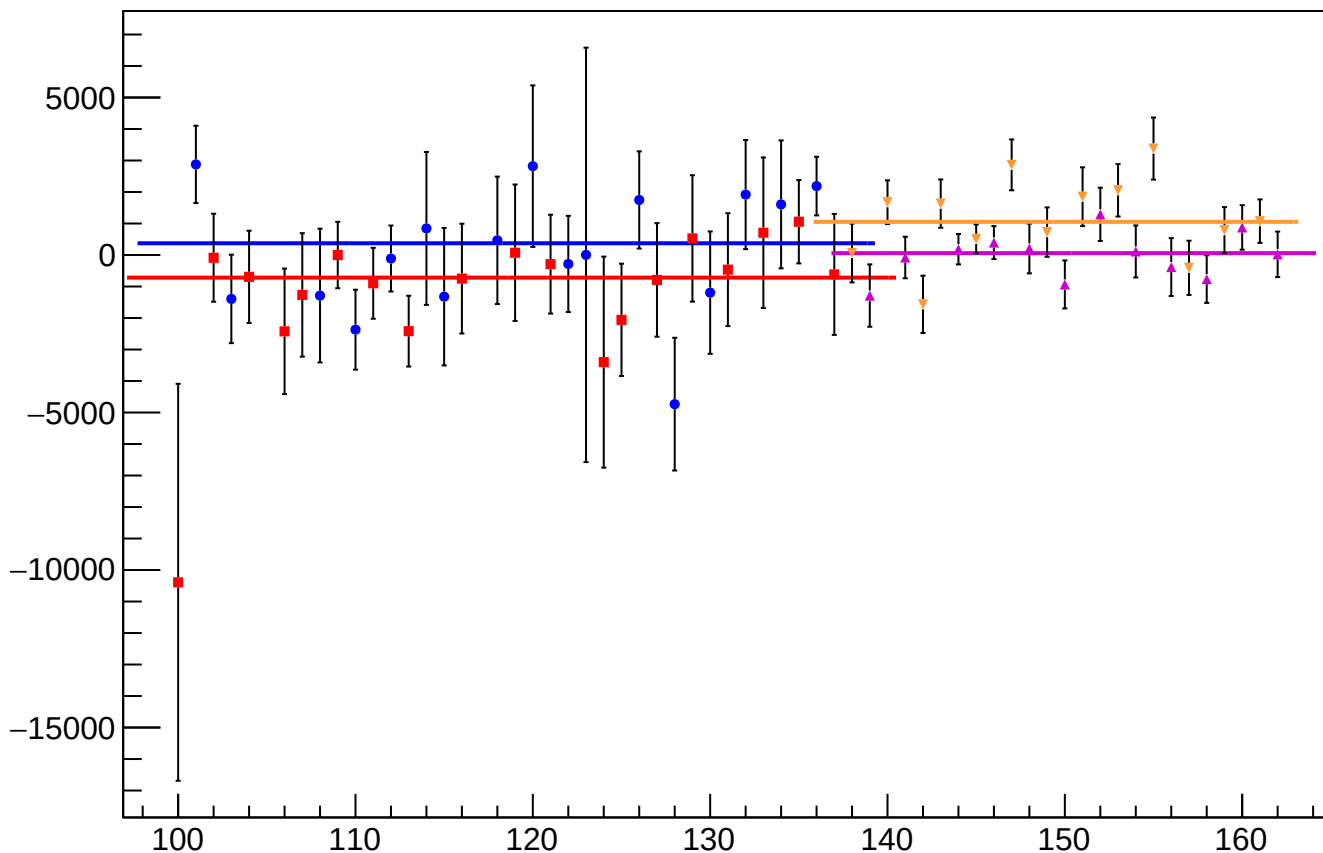
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 701.721+/-0.128 χ^2/NDF : 2698245.5/28

Out: 702.416+/-0.127 χ^2/NDF : 3039871.4/31

All: 702.071+/-0.090 χ^2/NDF : 5738131.8/60

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1052.809 $\pm$ 208.593 χ^2/NDF : 28.1/12

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 59.072 $\pm$ 202.759 χ^2/NDF : 9.0/11

Left: 541.850 $\pm$ 145.391 χ^2/NDF : 48.8/24

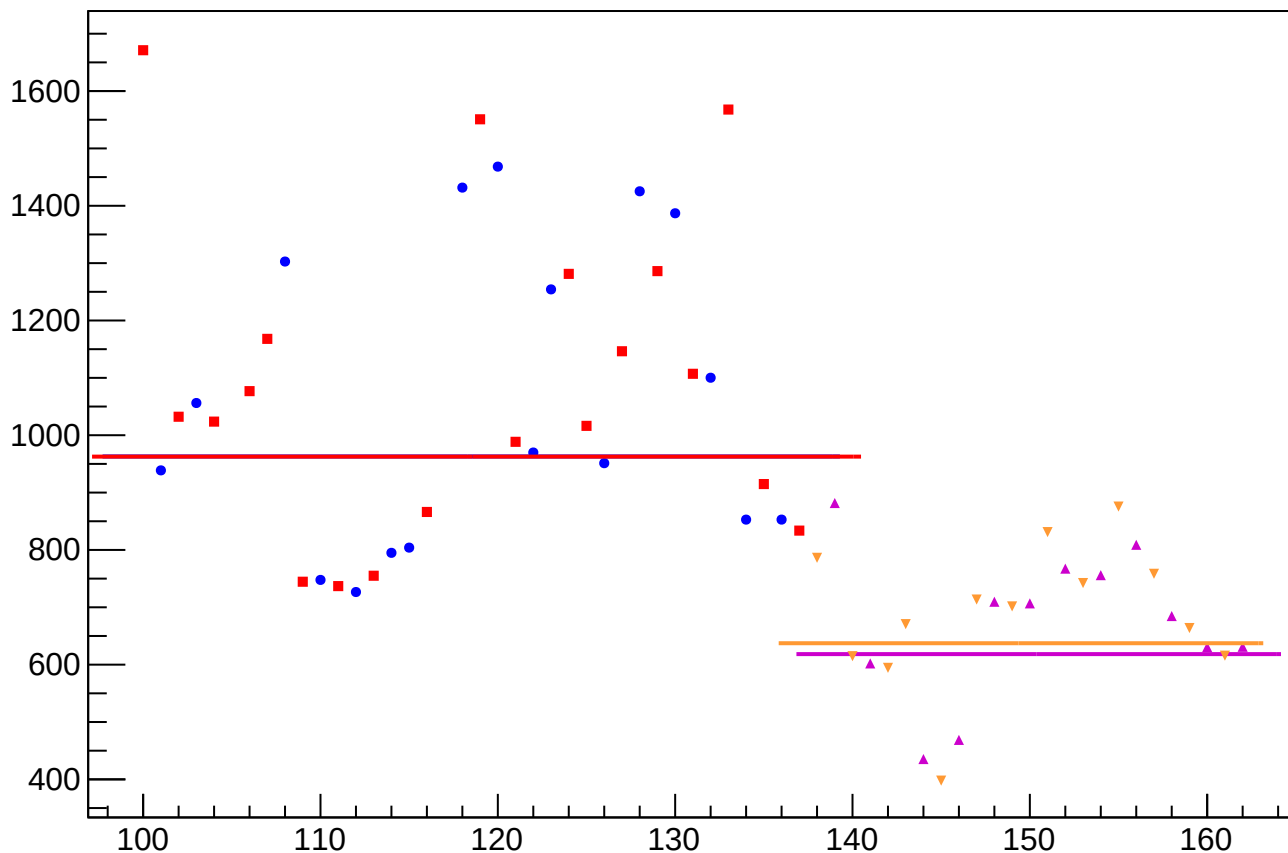
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 127.586 $\pm$ 179.265 χ^2/NDF : 34.8/28

Out: 628.957 $\pm$ 181.915 χ^2/NDF : 55.5/31

All: 374.593 $\pm$ 127.686 χ^2/NDF : 94.2/60

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 637.354 $\pm$ 0.147 χ^2 /NDF: 916707.9/12

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 618.390 $\pm$ 0.143 χ^2 /NDF: 867930.7/11

Left: 627.603 $\pm$ 0.103 χ^2 /NDF: 1793138.5/24

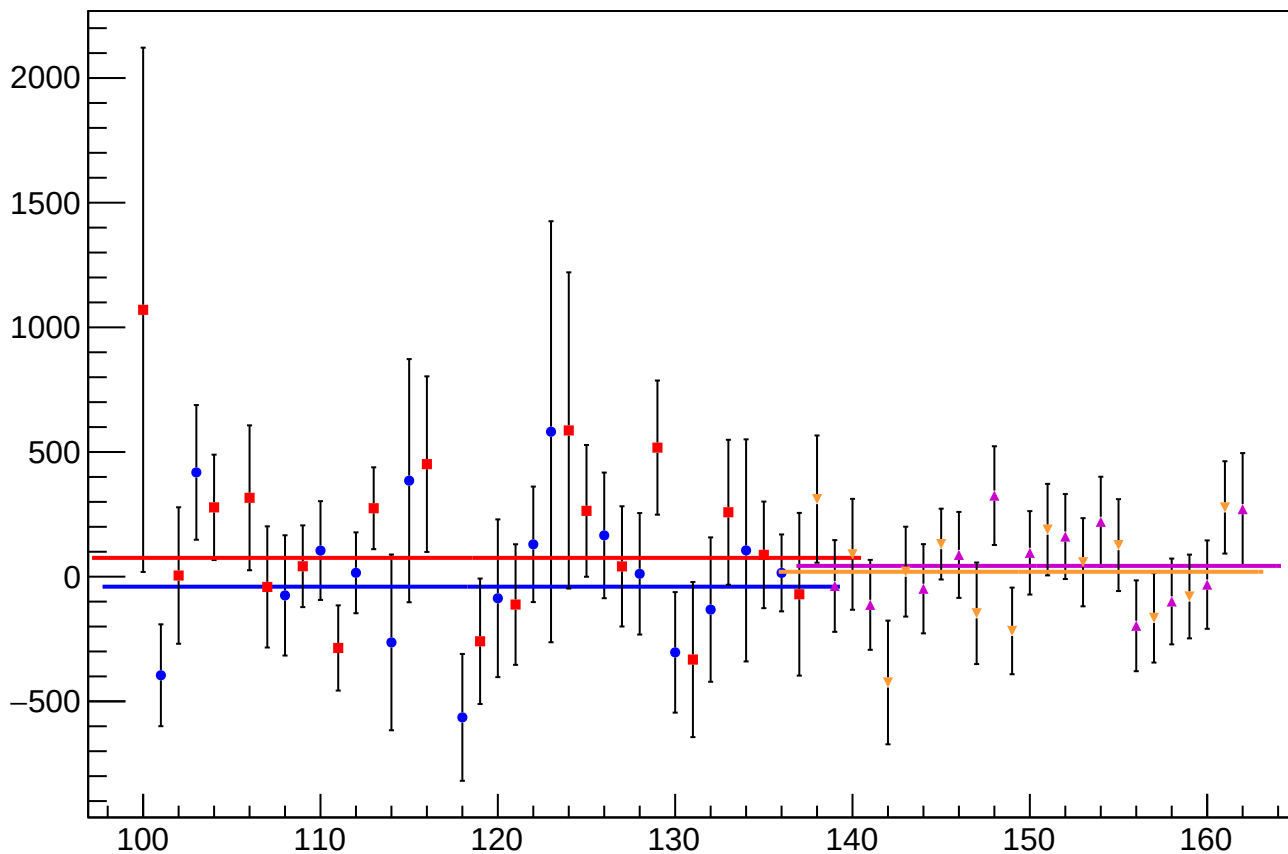
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 693.618 $\pm$ 0.127 χ^2 /NDF: 2796540.0/28

Out: 715.252 $\pm$ 0.129 χ^2 /NDF: 2778002.5/31

All: 704.276 $\pm$ 0.090 χ^2 /NDF: 5588891.7/60

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 19.600 ± 51.552 $\chi^2/\text{NDF}: 12.3/12$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 43.304 ± 52.204 $\chi^2/\text{NDF}: 8.5/11$

Left: 31.303 ± 36.681 $\chi^2/\text{NDF}: 20.9/24$

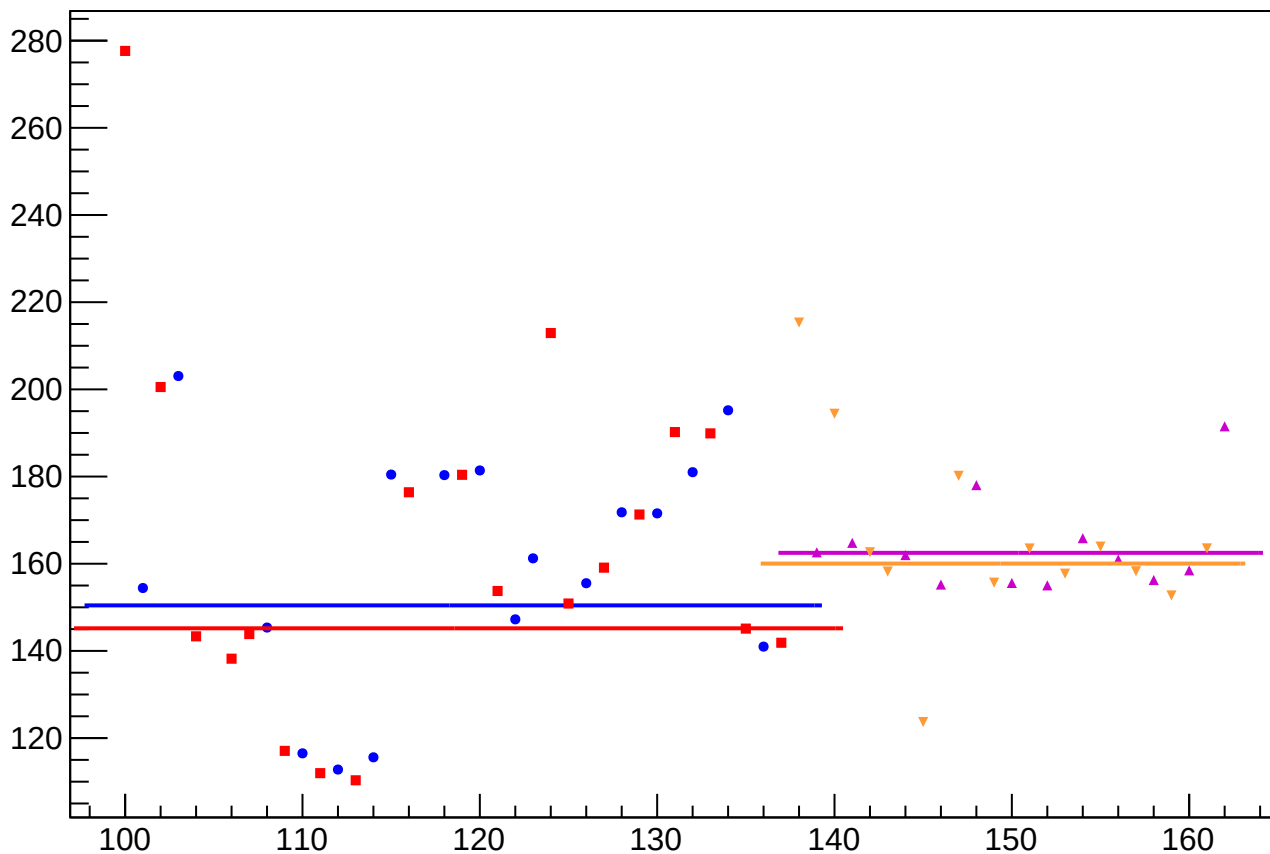
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 6.849 ± 39.171 $\chi^2/\text{NDF}: 24.9/28$

Out: 45.109 ± 38.000 $\chi^2/\text{NDF}: 31.4/31$

All: 26.559 ± 27.275 $\chi^2/\text{NDF}: 56.8/60$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.035 $\pm$ 0.036 χ^2 /NDF:300574.1/12

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 162.496 $\pm$ 0.037 χ^2 /NDF:61292.3/11

Left: 161.250 $\pm$ 0.026 χ^2 /NDF: 364118.0/24

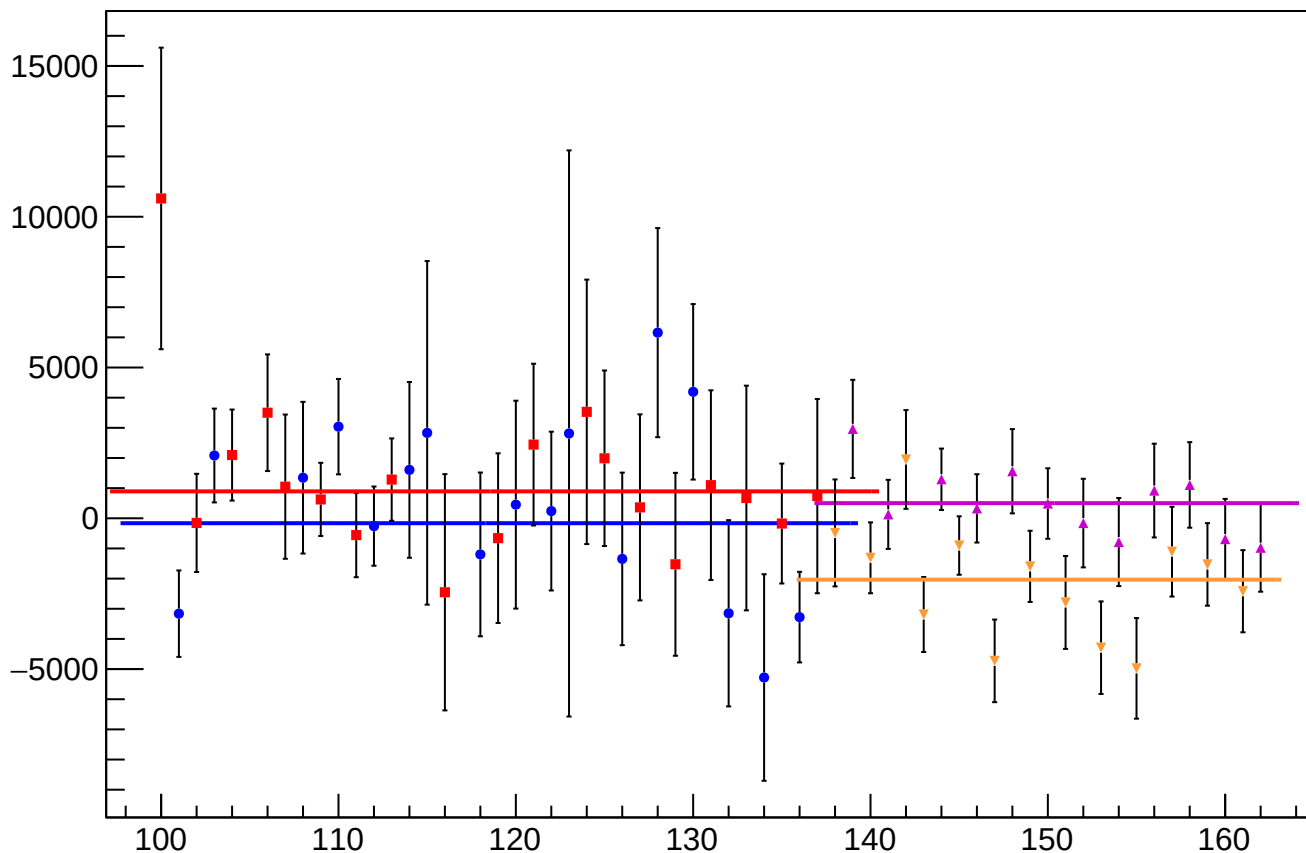
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.229 $\pm$ 0.028 χ^2 /NDF:508014.3/28

Out: 153.254 $\pm$ 0.027 χ^2 /NDF:912029.9/31

All: 155.181 $\pm$ 0.019 χ^2 /NDF: 1430650.4/60

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -2035.837 ± 375.128 $\chi^2/\text{NDF}: 19.4/12$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 502.706 ± 377.853 $\chi^2/\text{NDF}: 6.7/11$

Left: -775.751 ± 266.214 $\chi^2/\text{NDF}: 48.8/24$

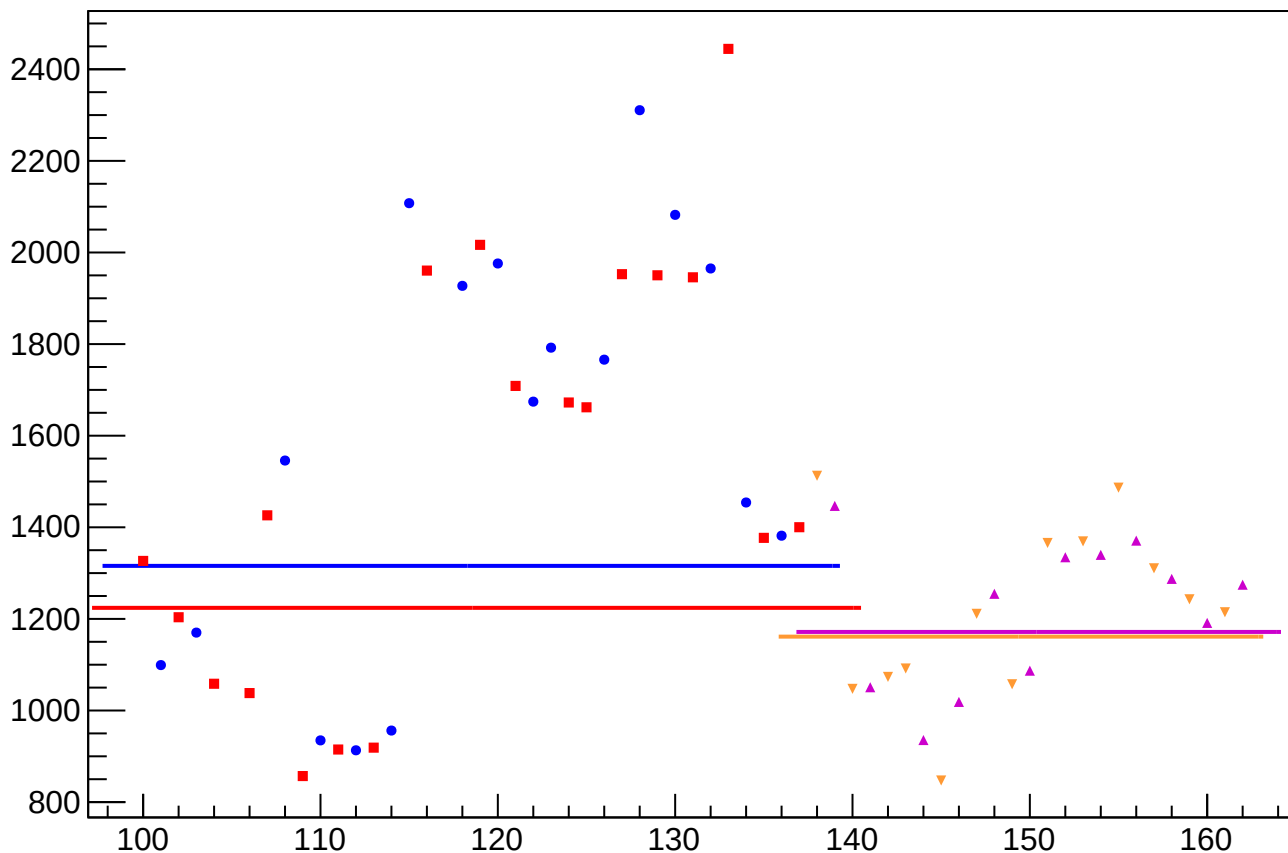
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 280.203 ± 308.284 $\chi^2/\text{NDF}: 32.8/28$

Out: -937.566 ± 296.573 $\chi^2/\text{NDF}: 53.0/31$

All: -352.251 ± 213.729 $\chi^2/\text{NDF}: 93.8/60$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1161.291+/-0.265 χ^2/NDF : 515700.6/12

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1171.555+/-0.267 χ^2/NDF : 348820.4/11

Left: 1166.386+/-0.188 χ^2/NDF : 865264.2/24

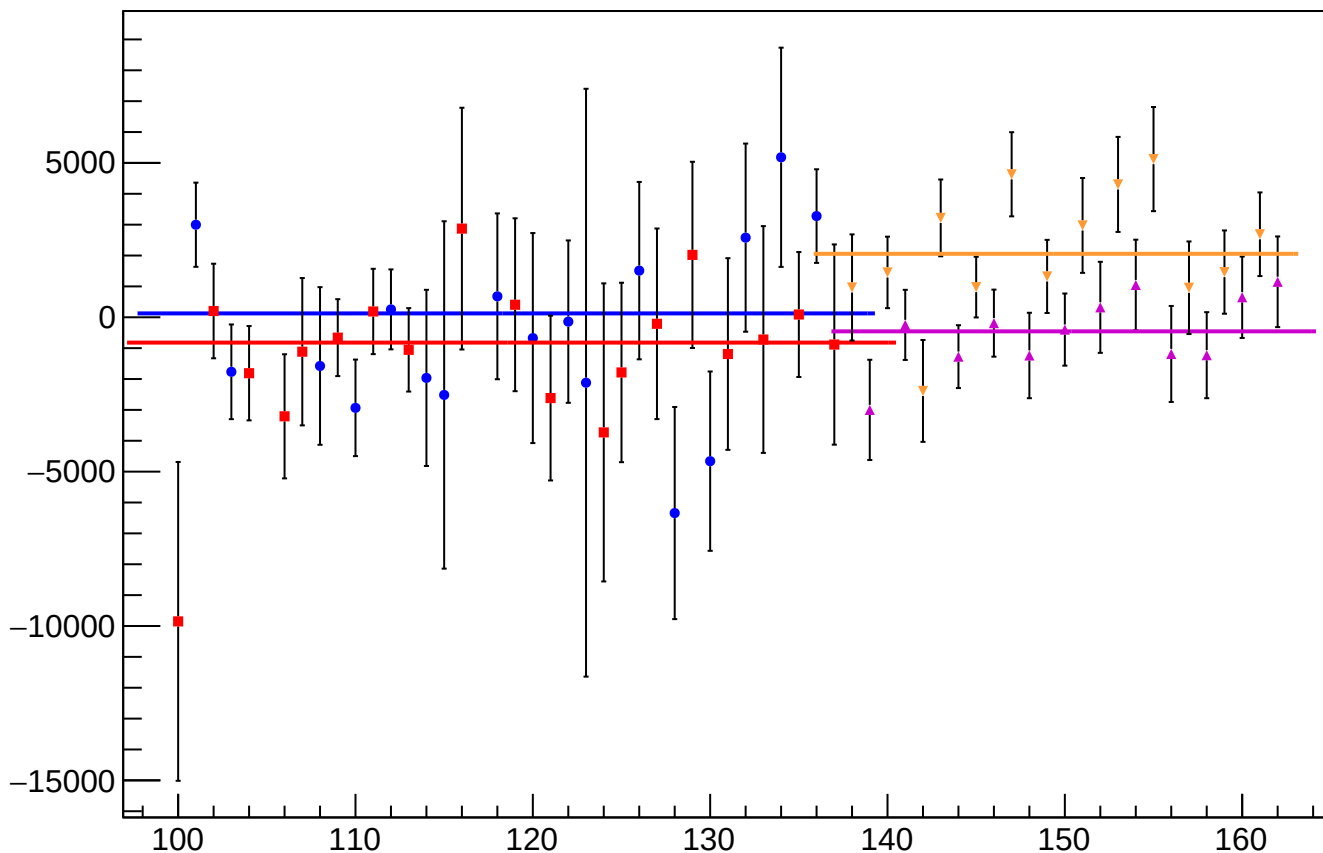
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1219.775+/-0.218 χ^2/NDF : 1564592.9/28

Out: 1184.861+/-0.210 χ^2/NDF : 1900659.8/31

All: 1201.642+/-0.151 χ^2/NDF : 3478575.9/60

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2055.576 $\pm$ 374.719 χ^2 /NDF:20.7/12

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -455.931 $\pm$ 374.882 χ^2 /NDF:7.3/11

Left: 800.369 $\pm$ 265.024 χ^2 /NDF: 50.4/24

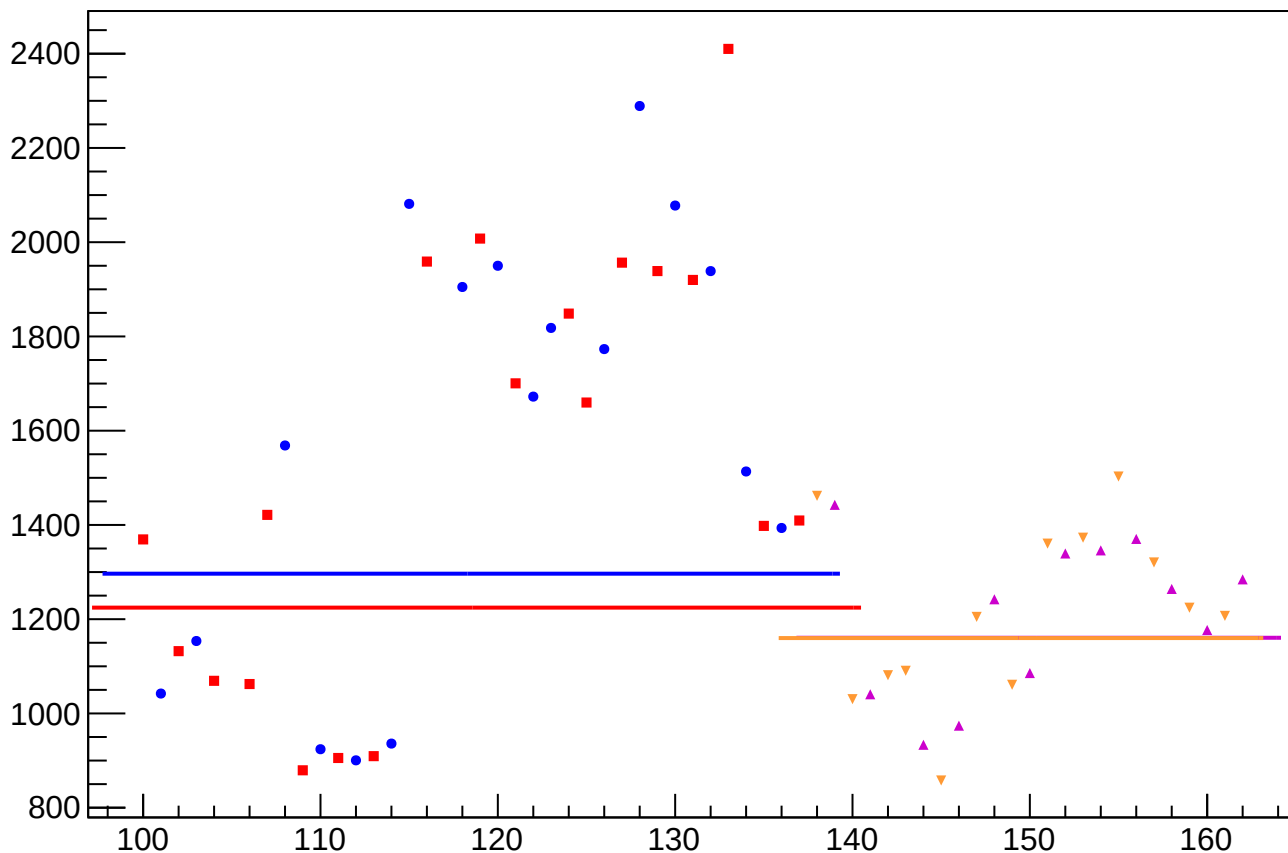
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -260.515 $\pm$ 305.439 χ^2 /NDF:32.7/28

Out: 979.655 $\pm$ 296.448 χ^2 /NDF:51.8/31

All: 378.092 $\pm$ 212.728 χ^2 /NDF: 93.0/60

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1159.950+/-0.265 χ^2/NDF : 487632.8/12

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1160.593+/-0.265 χ^2/NDF : 379806.6/11

Left: 1160.271+/-0.187 χ^2/NDF : 867442.4/24

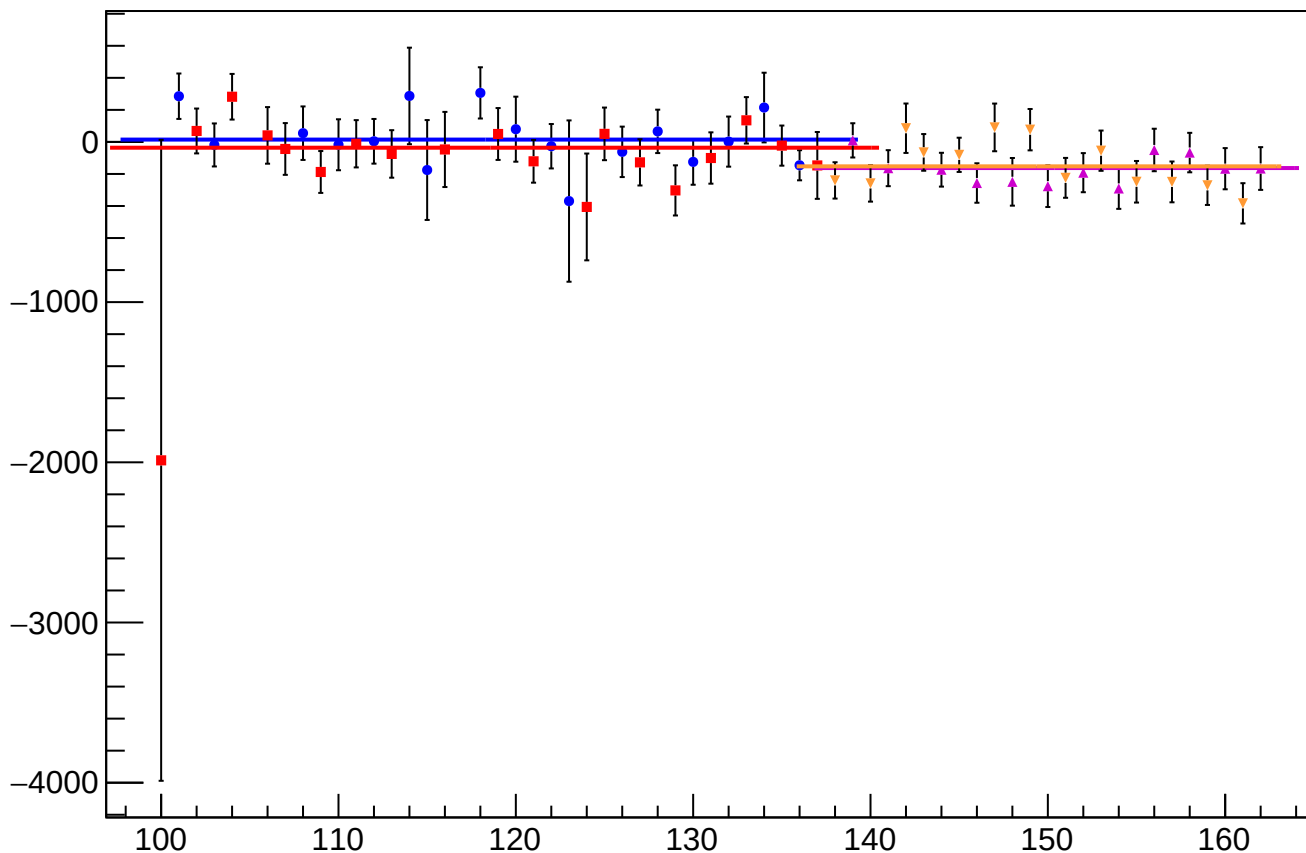
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1206.305+/-0.216 χ^2/NDF : 1643732.4/28

Out: 1184.123+/-0.210 χ^2/NDF : 1858153.4/31

All: 1194.882+/-0.150 χ^2/NDF : 3507317.6/60

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -152.463 ± 34.411 $\chi^2/\text{NDF}: 17.1/12$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -163.110 ± 35.473 $\chi^2/\text{NDF}: 6.7/11$

Left: -157.625 ± 24.699 $\chi^2/\text{NDF}: 23.8/24$

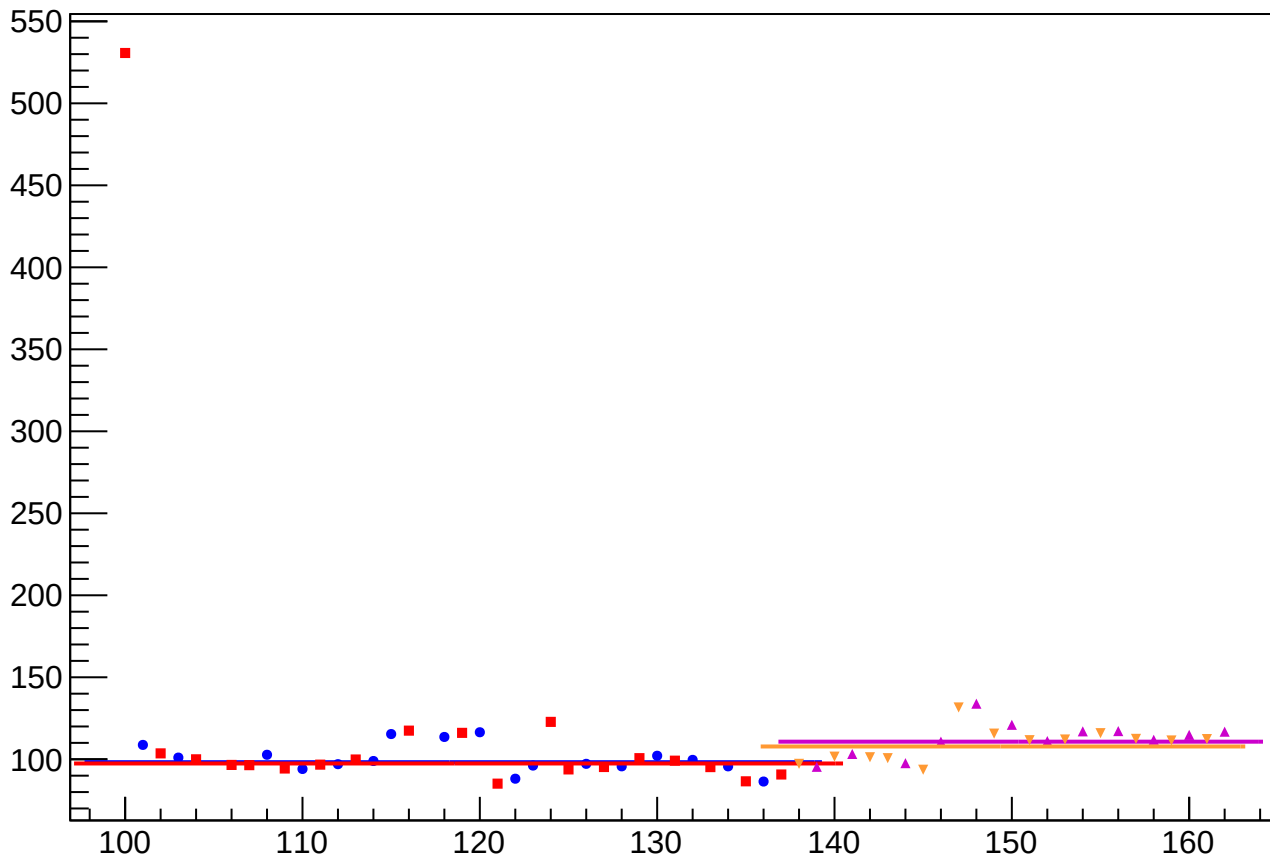
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -80.410 ± 25.936 $\chi^2/\text{NDF}: 32.6/28$

Out: -98.072 ± 25.109 $\chi^2/\text{NDF}: 37.9/31$

All: -89.527 ± 18.040 $\chi^2/\text{NDF}: 70.7/60$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.799+/-0.024 χ^2/NDF : 147527.0/12

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 110.734+/-0.025 χ^2/NDF : 157871.6/11

Left: 109.222+/-0.017 χ^2/NDF : 312450.4/24

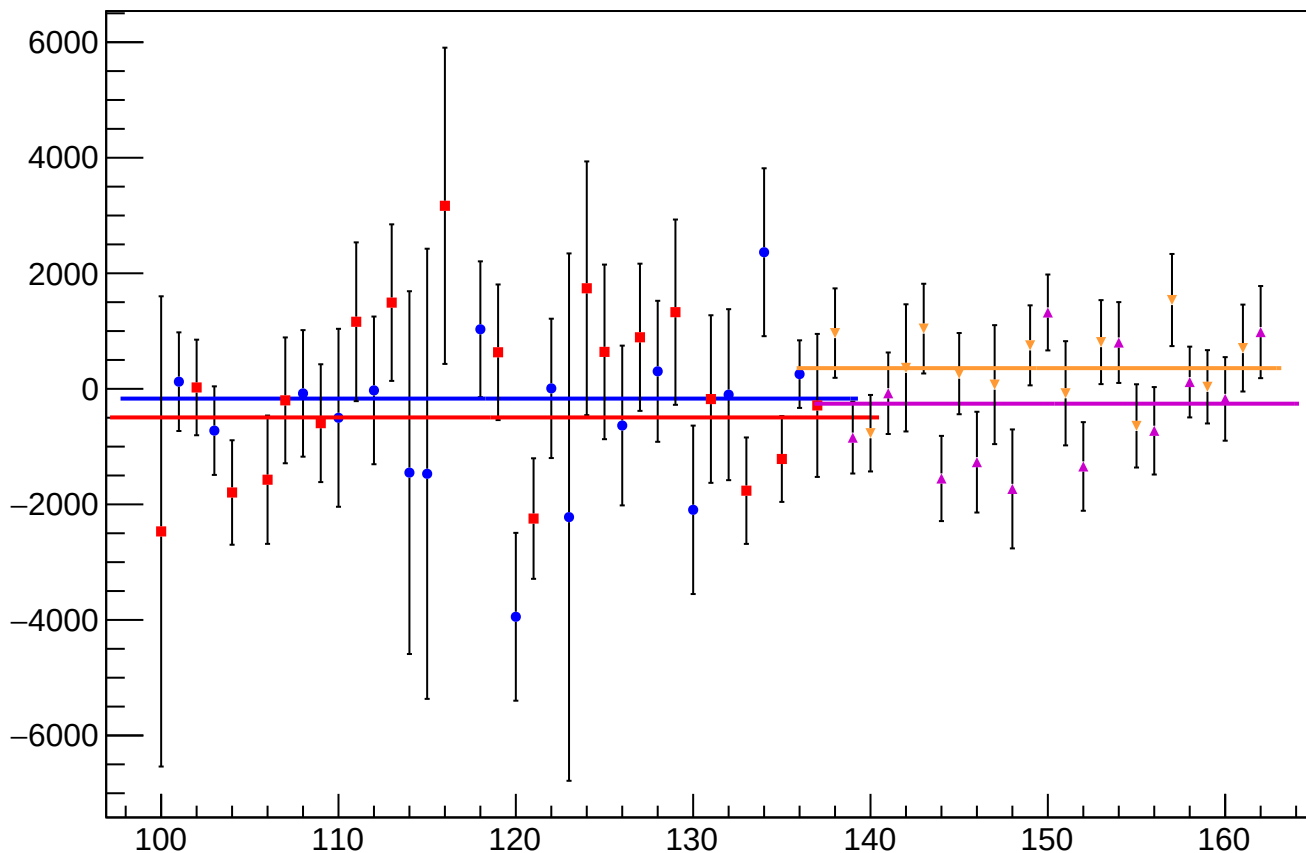
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 104.909+/-0.018 χ^2/NDF : 374242.0/28

Out: 102.954+/-0.018 χ^2/NDF : 422397.6/31

All: 103.900+/-0.013 χ^2/NDF : 802505.2/60

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 358.303 $\pm$ 211.495 χ^2 /NDF:9.9/12

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -257.097 $\pm$ 210.100 χ^2 /NDF:20.7/11

Left: 48.566 $\pm$ 149.054 χ^2 /NDF: 34.9/24

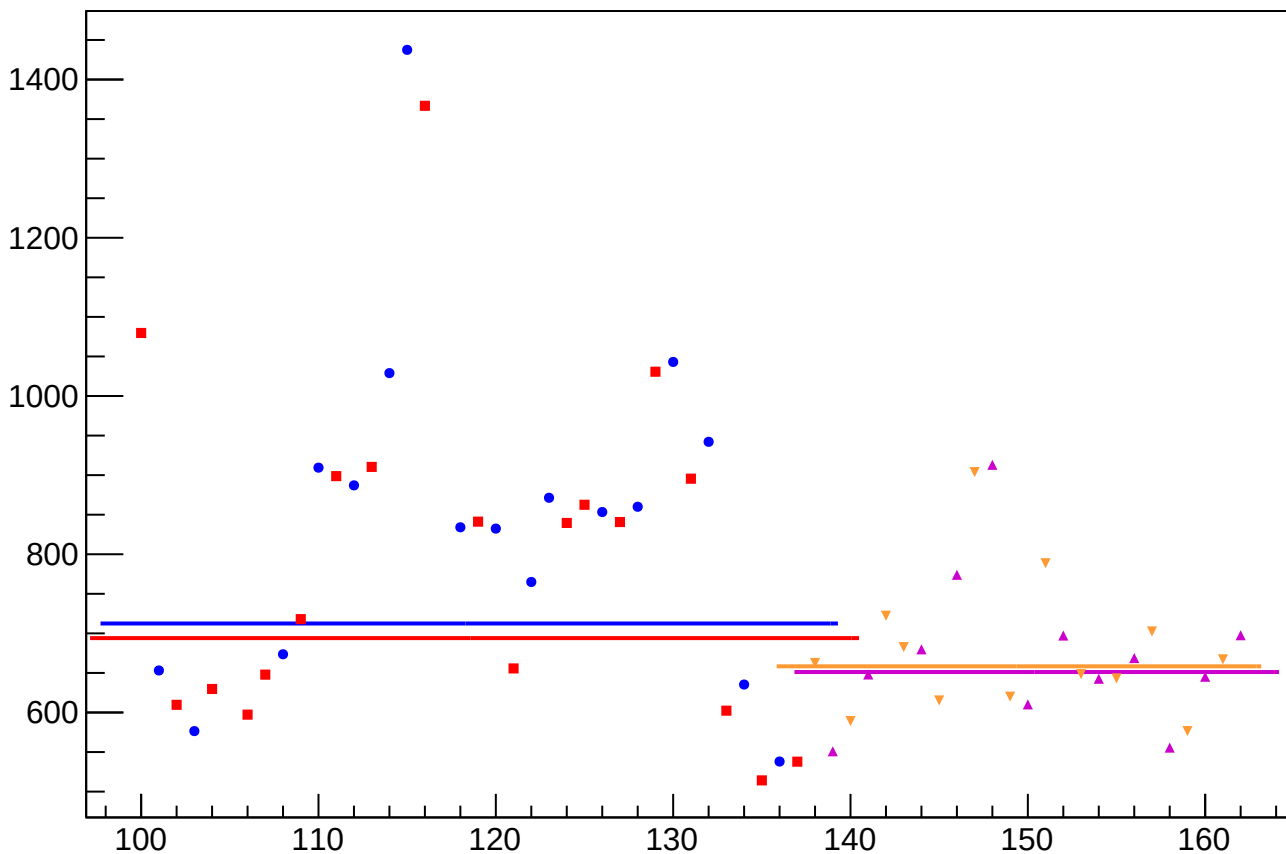
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -225.606 $\pm$ 168.518 χ^2 /NDF:35.4/28

Out: 30.020 $\pm$ 165.889 χ^2 /NDF:36.0/31

All: -95.783 $\pm$ 118.220 χ^2 /NDF: 72.5/60

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 658.357 $\pm$ 0.150 χ^2/NDF : 240601.0/12

Right Out: 694.014 $\pm$ 0.189 χ^2/NDF : 674989.2/18

Left In: 651.138 $\pm$ 0.149 χ^2/NDF : 296210.6/11

Left: 654.724 $\pm$ 0.105 χ^2/NDF : 537984.1/24

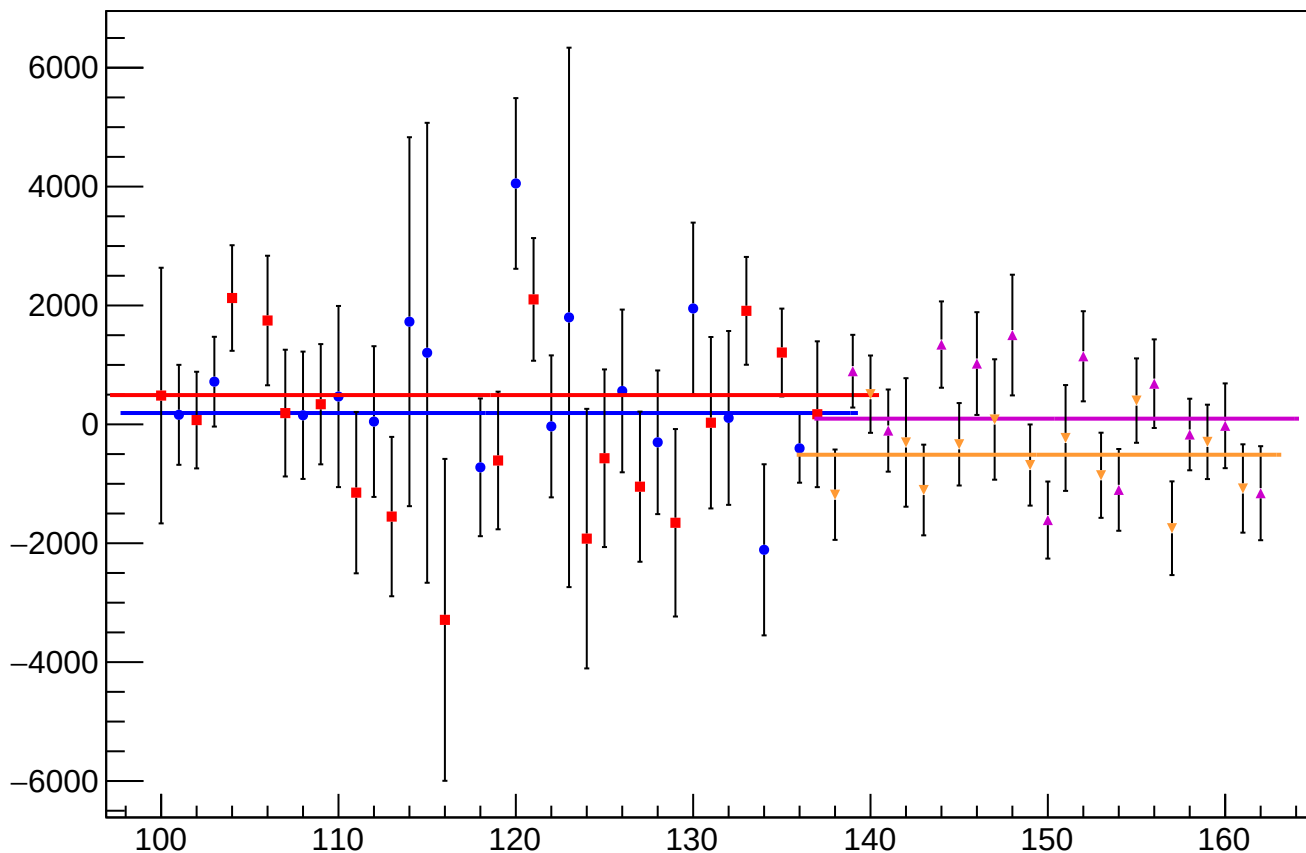
Right: 702.750 $\pm$ 0.137 χ^2/NDF : 1340019.7/35

In: 673.015 $\pm$ 0.119 χ^2/NDF : 1017528.0/28

Out: 672.077 $\pm$ 0.117 χ^2/NDF : 937465.3/31

All: 672.538 $\pm$ 0.084 χ^2/NDF : 1955024.8/60

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -511.086+/-208.335 χ^2/NDF : 9.5/12

Right Out: 492.659+/-262.648 χ^2/NDF : 22.8/18

Left In: 95.858+/-207.047 χ^2/NDF : 23.0/11

Left: -205.731+/-146.857 χ^2/NDF : 36.8/24

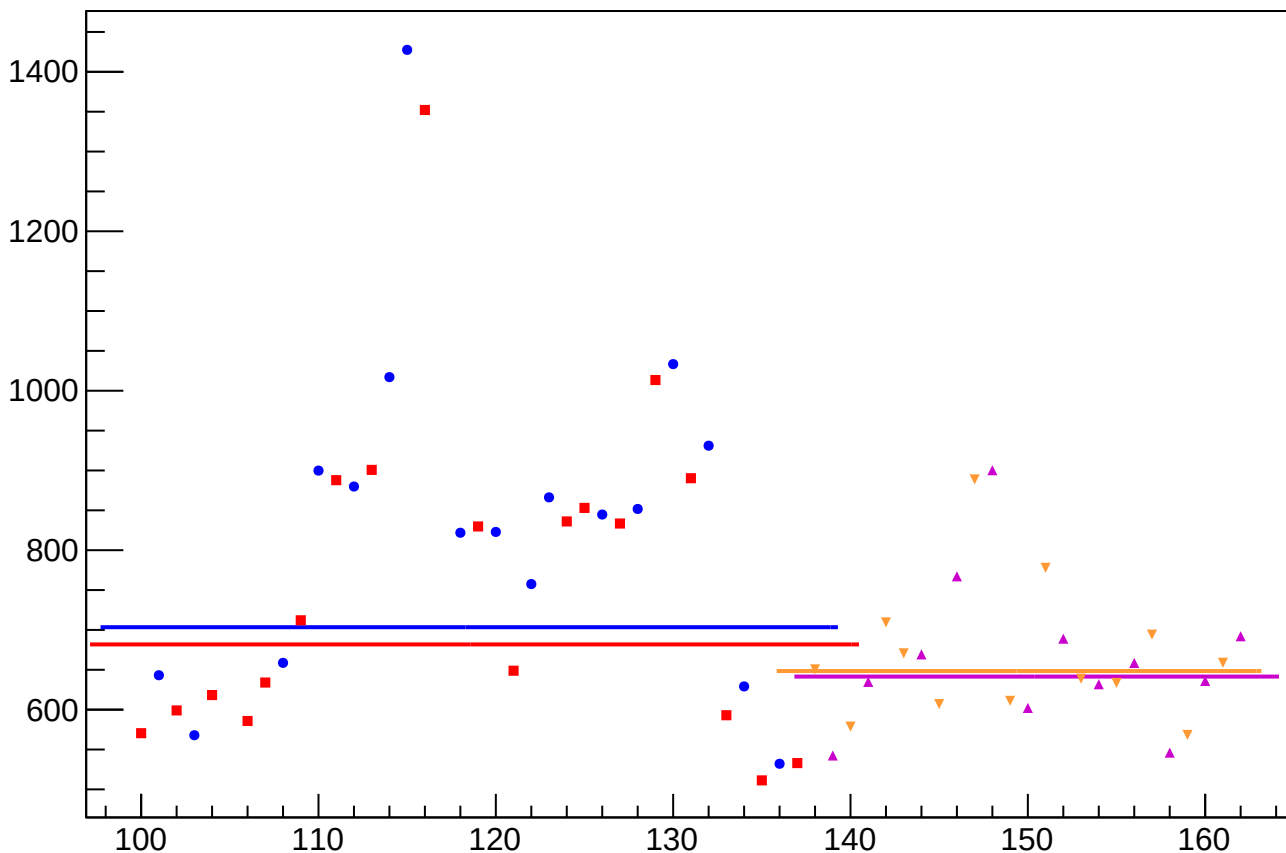
Right: 350.694+/-191.134 χ^2/NDF : 37.6/35

In: 129.655+/-166.195 χ^2/NDF : 37.3/28

Out: -123.445+/-163.222 χ^2/NDF : 41.2/31

All: 0.820+/-116.452 χ^2/NDF : 79.7/60

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 648.430 $\pm$ 0.147 χ^2 /NDF: 240265.0/12

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 641.490 $\pm$ 0.146 χ^2 /NDF: 302921.7/11

Left: 644.938 $\pm$ 0.104 χ^2 /NDF: 544303.4/24

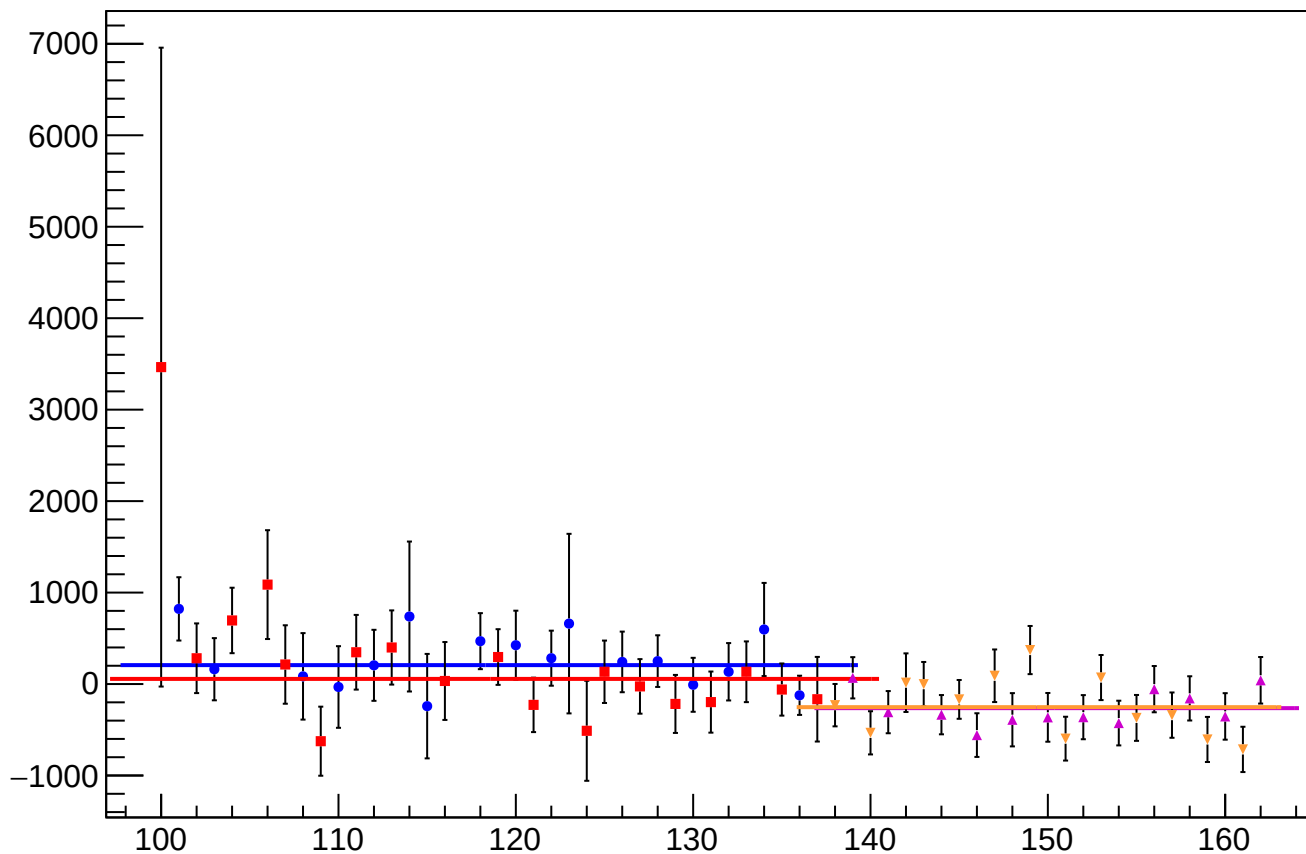
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 663.512 $\pm$ 0.118 χ^2 /NDF: 1033422.8/28

Out: 661.320 $\pm$ 0.115 χ^2 /NDF: 924887.4/31

All: 662.396 $\pm$ 0.082 χ^2 /NDF: 1958487.3/60

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



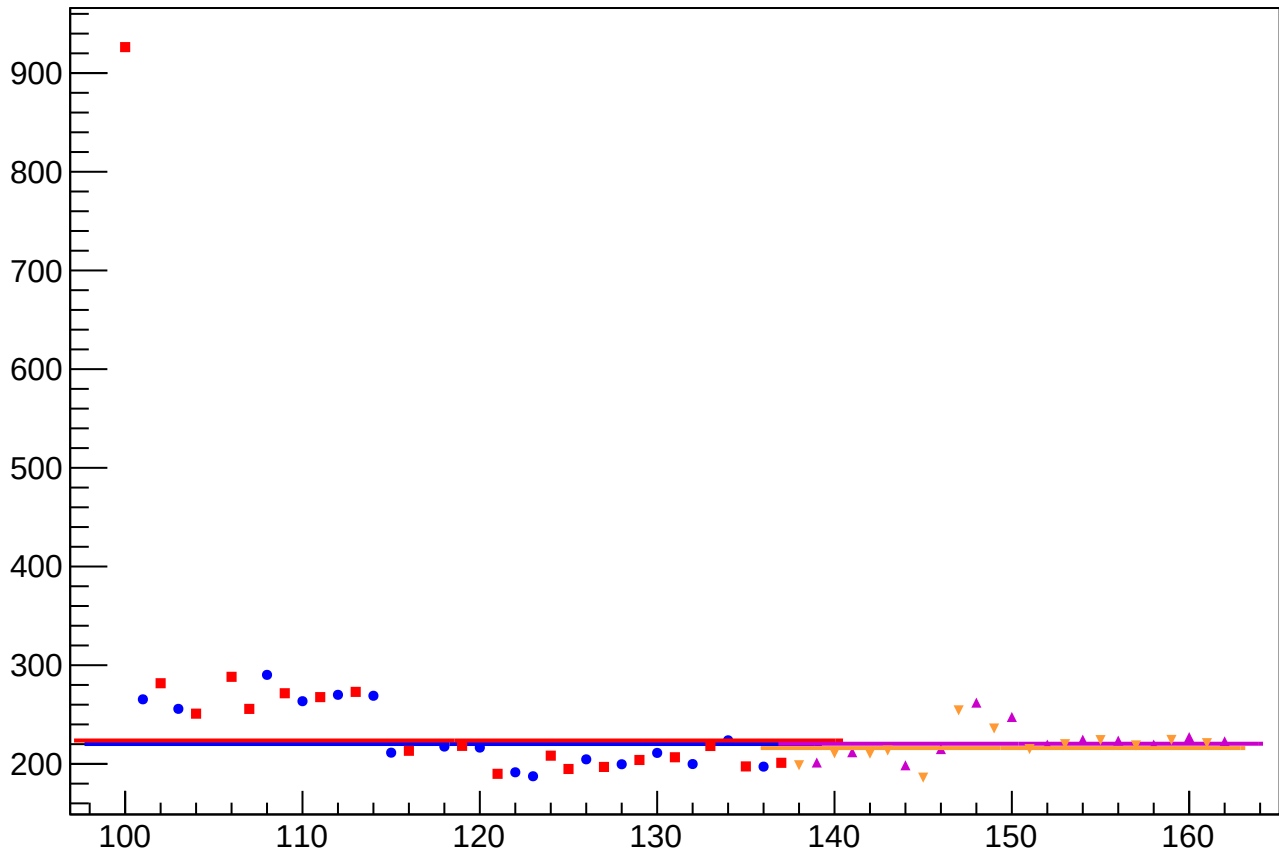
Right In: 206.874 $\pm$ 85.632 χ^2/NDF : 9.5/16
 Left Out: -252.785 $\pm$ 68.875 χ^2/NDF :20.1/12
 Right Out: 56.213 $\pm$ 85.167 χ^2/NDF : 16.6/18
 Left In: -263.483 $\pm$ 70.505 χ^2/NDF :7.2/11

Left: -258.009 $\pm$ 49.268 χ^2/NDF : 27.3/24
 Right: 131.133 $\pm$ 60.386 χ^2/NDF : 27.7/35

In: -73.450 $\pm$ 54.430 χ^2/NDF :34.7/28
 Out: -130.606 $\pm$ 53.554 χ^2/NDF :44.6/31

All: -102.492 $\pm$ 38.174 χ^2/NDF : 79.9/60

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 216.022 $\pm$ 0.049 χ^2 /NDF: 105581.4/12

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 220.439 $\pm$ 0.050 χ^2 /NDF: 102908.6/11

Left: 218.179 $\pm$ 0.035 χ^2 /NDF: 212505.5/24

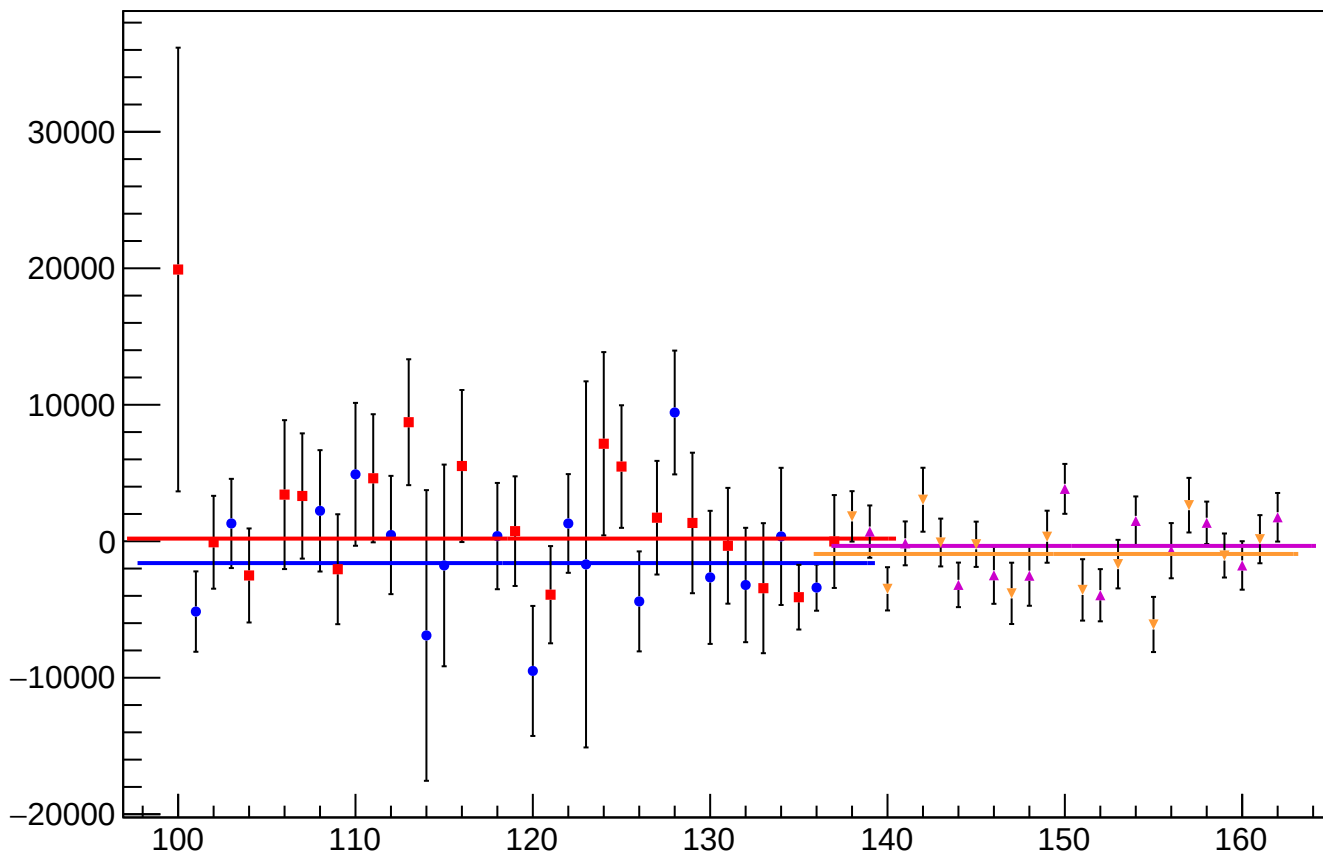
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 220.315 $\pm$ 0.038 χ^2 /NDF: 331367.8/28

Out: 219.060 $\pm$ 0.038 χ^2 /NDF: 468664.8/31

All: 219.677 $\pm$ 0.027 χ^2 /NDF: 800572.7/60

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -930.773 ± 516.325 $\chi^2/\text{NDF}: 21.9/12$

Right Out: 194.970 ± 947.480 $\chi^2/\text{NDF}: 16.3/18$

Left In: -340.294 ± 523.843 $\chi^2/\text{NDF}: 18.5/11$

Left: -639.801 ± 367.726 $\chi^2/\text{NDF}: 41.0/24$

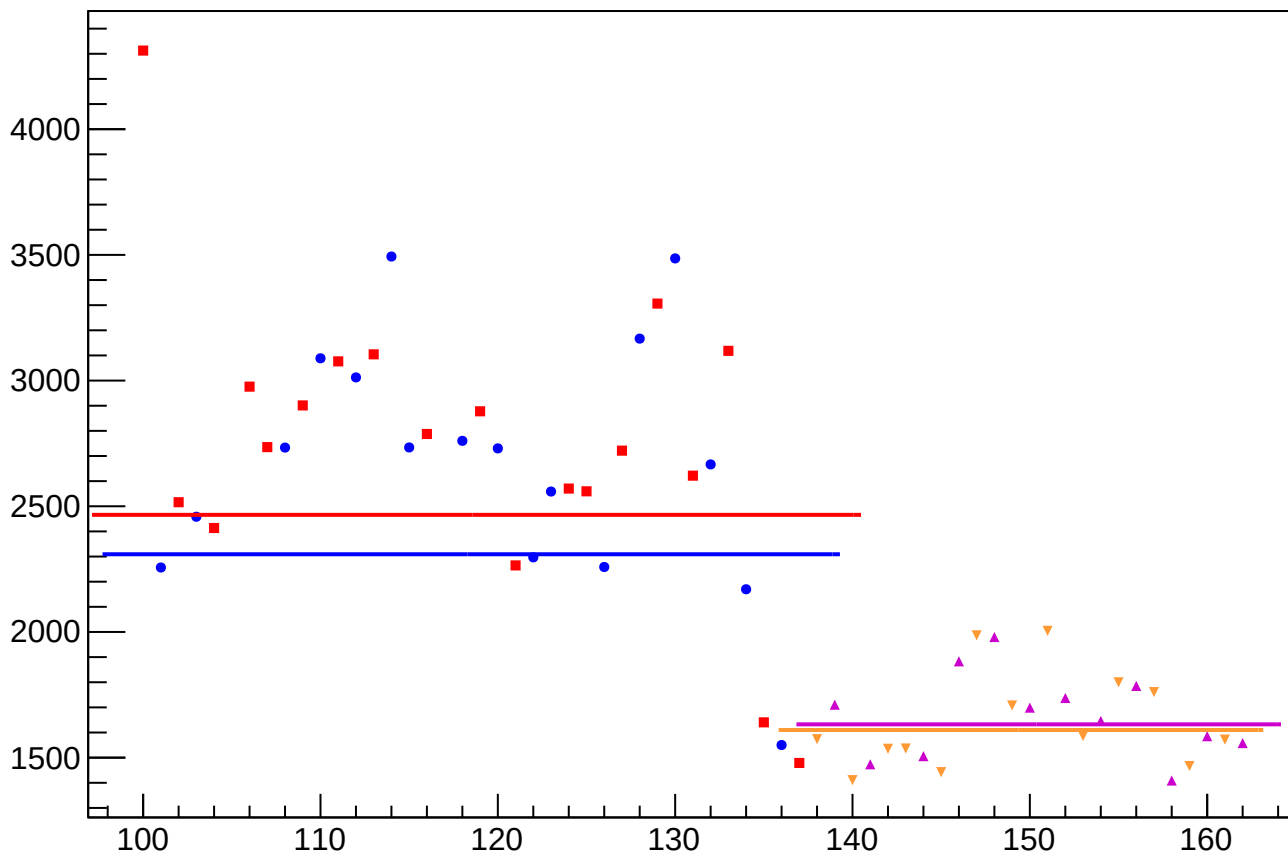
Right: -727.416 ± 660.424 $\chi^2/\text{NDF}: 34.8/35$

In: -647.952 ± 455.348 $\chi^2/\text{NDF}: 36.5/28$

Out: -673.012 ± 453.377 $\chi^2/\text{NDF}: 39.2/31$

All: -660.536 ± 321.280 $\chi^2/\text{NDF}: 75.8/60$

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1610.037 $\pm$ 0.365 χ^2 /NDF: 227517.9/12

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1632.510 $\pm$ 0.370 χ^2 /NDF: 179822.4/11

Left: 1621.111 $\pm$ 0.260 χ^2 /NDF: 409207.3/24

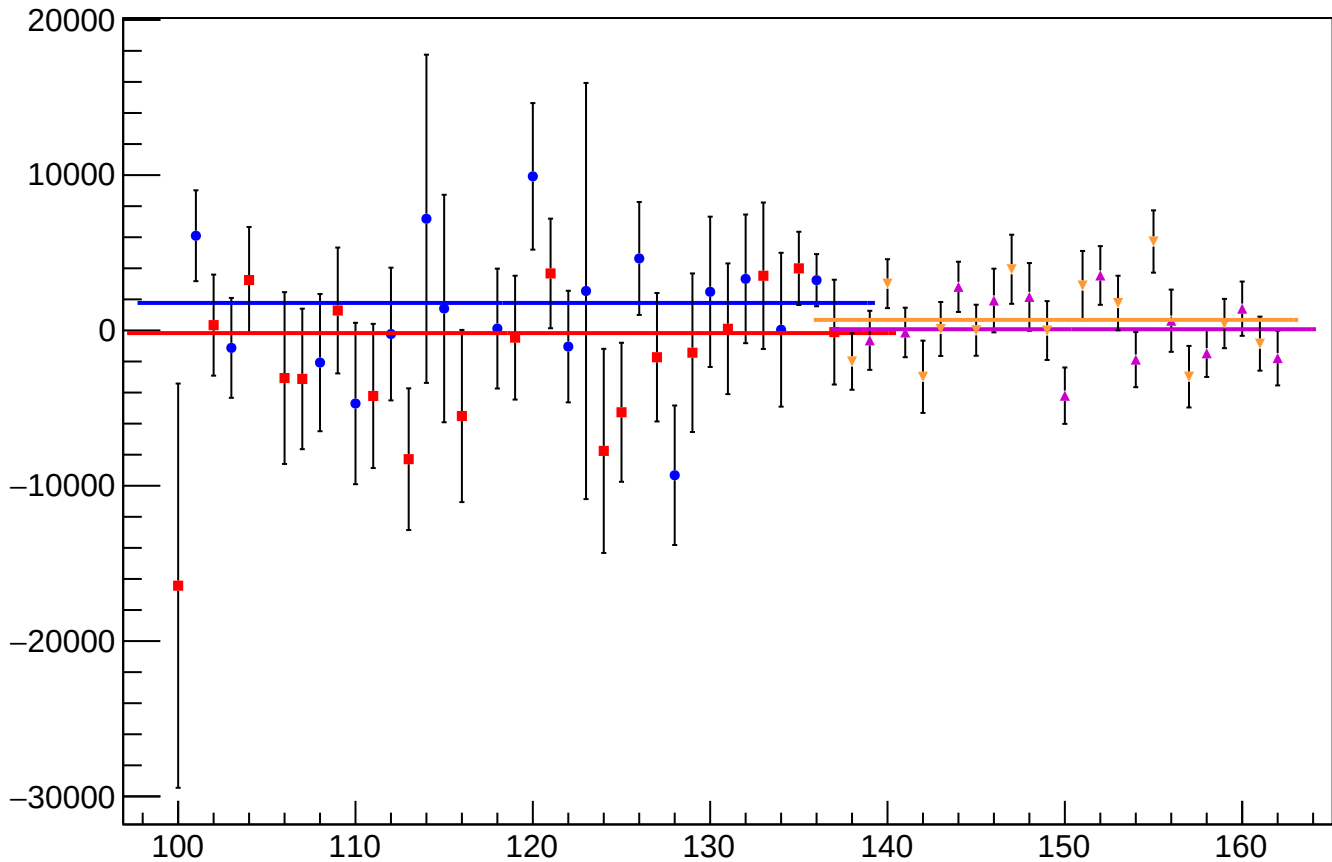
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1797.886 $\pm$ 0.322 χ^2 /NDF: 1796092.5/28

Out: 1806.004 $\pm$ 0.321 χ^2 /NDF: 2179859.2/31

All: 1801.963 $\pm$ 0.227 χ^2 /NDF: 3976270.9/60

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 679.740 $\pm$ 511.076 χ^2/NDF : 21.3/12

Right Out: -170.902 $\pm$ 937.411 χ^2/NDF : 16.0/18

Left In: 77.282 $\pm$ 517.635 χ^2/NDF : 17.6/11

Left: 382.352 $\pm$ 363.682 χ^2/NDF : 39.6/24

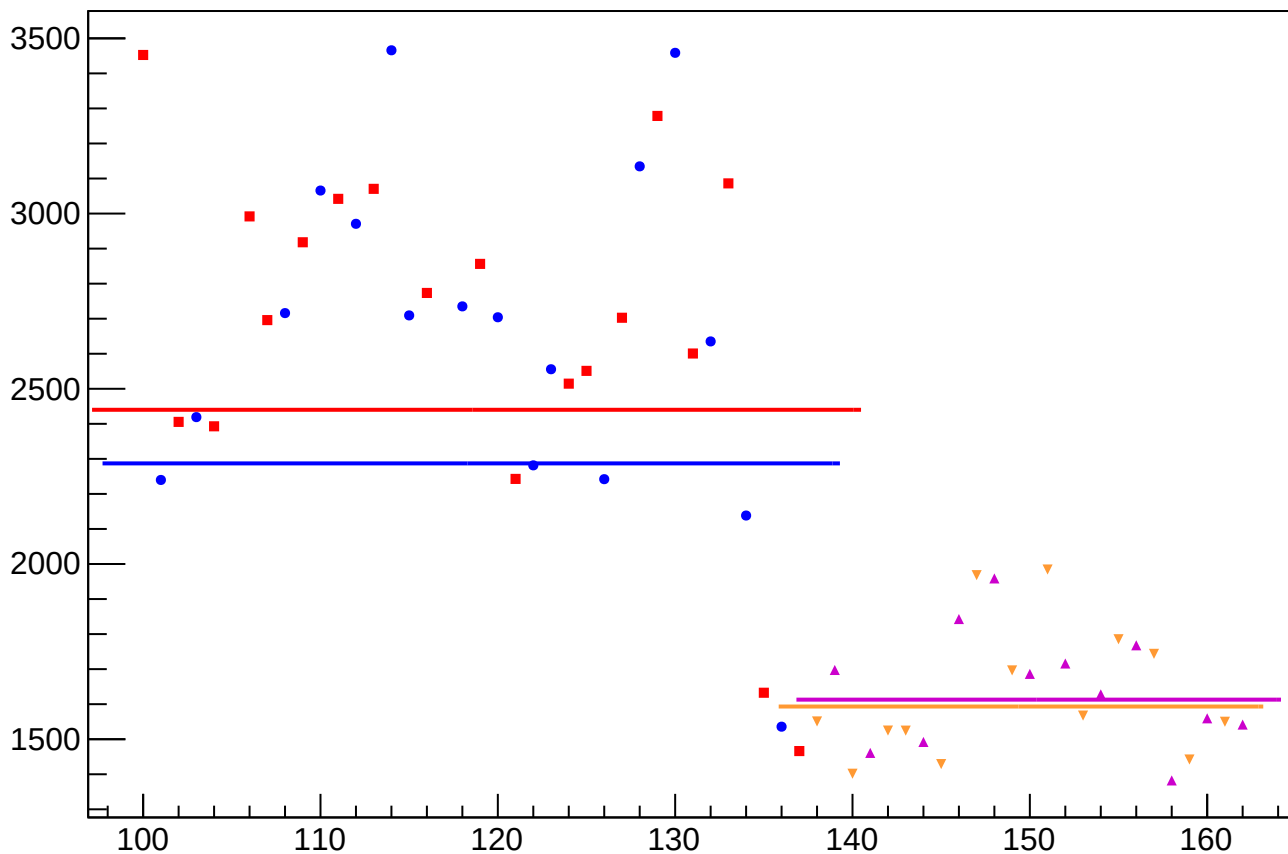
Right: 826.520 $\pm$ 653.801 χ^2/NDF : 35.6/35

In: 489.810 $\pm$ 450.217 χ^2/NDF : 37.6/28

Out: 484.829 $\pm$ 448.720 χ^2/NDF : 38.0/31

All: 487.311 $\pm$ 317.821 χ^2/NDF : 75.6/60

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 ± 0.645 $\chi^2/\text{NDF}: 799399.0/16$

Left Out: 1593.306 ± 0.361 $\chi^2/\text{NDF}: 229601.2/12$

Right Out: 2440.067 ± 0.663 $\chi^2/\text{NDF}: 679108.5/18$

Left In: 1612.939 ± 0.366 $\chi^2/\text{NDF}: 181148.3/11$

Left: 1602.997 ± 0.257 $\chi^2/\text{NDF}: 412206.5/24$

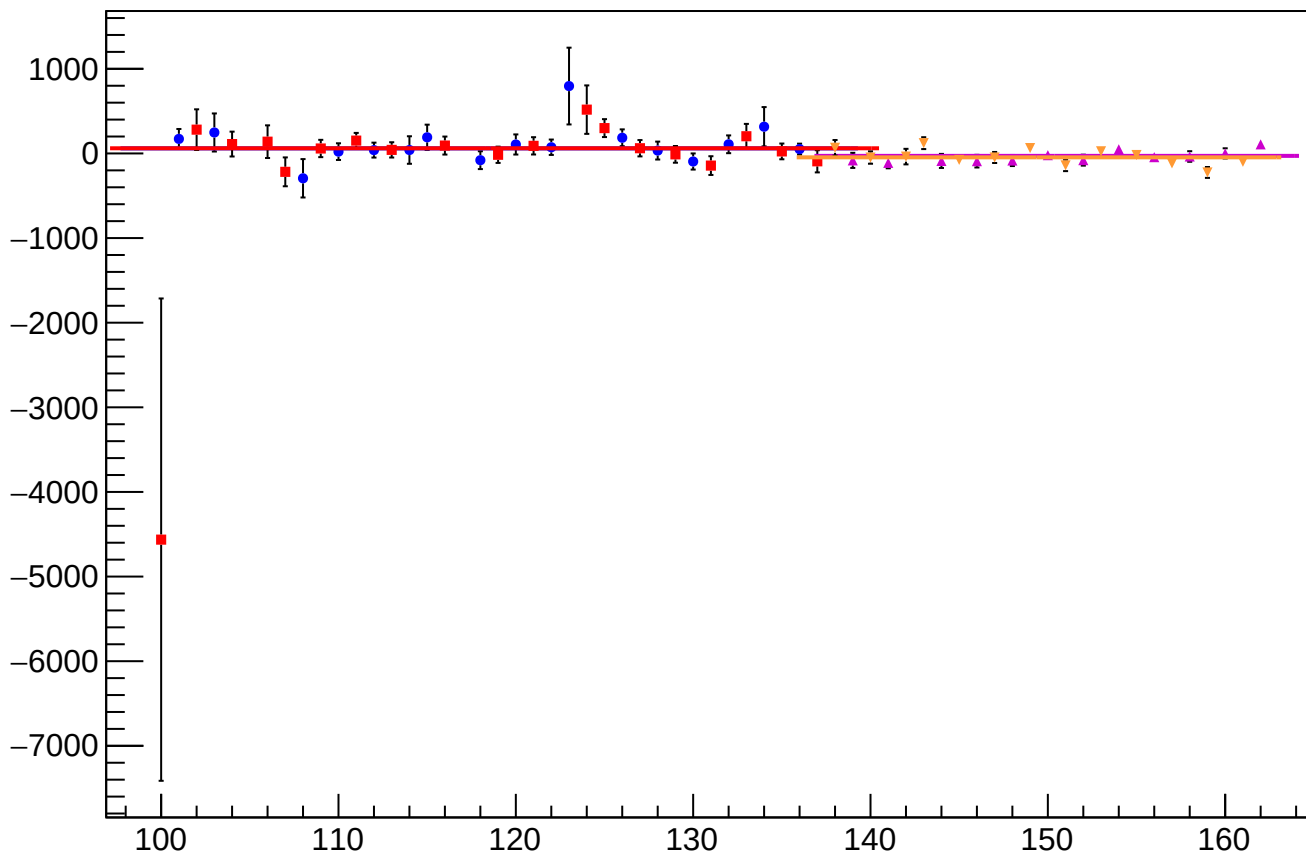
Right: 2361.511 ± 0.462 $\chi^2/\text{NDF}: 1505856.7/35$

In: 1777.113 ± 0.318 $\chi^2/\text{NDF}: 1806686.8/28$

Out: 1787.328 ± 0.317 $\chi^2/\text{NDF}: 2166682.0/31$

All: 1782.238 ± 0.225 $\chi^2/\text{NDF}: 3973885.2/60$

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -46.118 ± 17.892 $\chi^2/\text{NDF}: 24.9/12$

Right Out: 60.983 ± 27.009 $\chi^2/\text{NDF}: 22.3/18$

Left In: -28.653 ± 18.452 $\chi^2/\text{NDF}: 12.5/11$

Left: -37.655 ± 12.845 $\chi^2/\text{NDF}: 37.8/24$

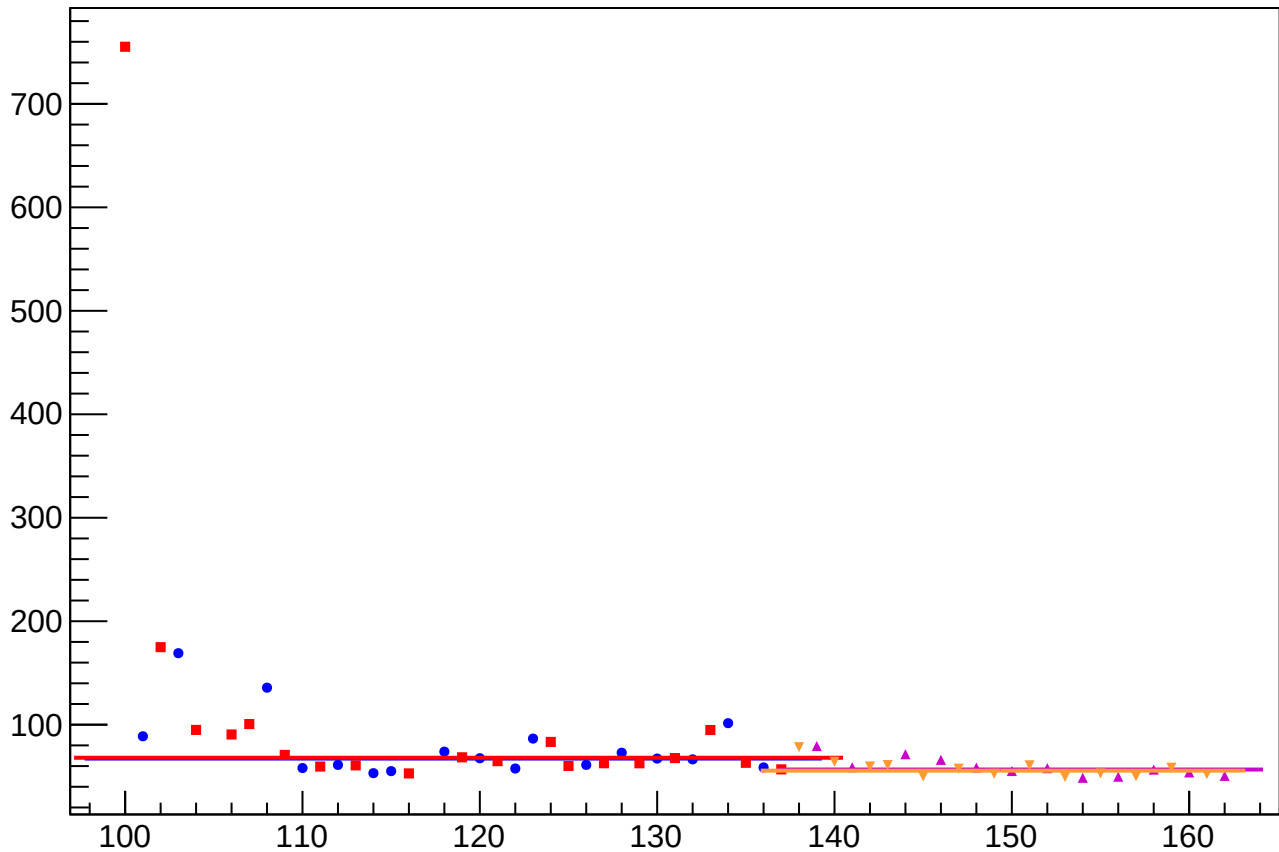
Right: 60.322 ± 19.123 $\chi^2/\text{NDF}: 37.7/35$

In: -0.651 ± 15.249 $\chi^2/\text{NDF}: 35.1/28$

Out: -13.454 ± 14.916 $\chi^2/\text{NDF}: 58.1/31$

All: -7.194 ± 10.663 $\chi^2/\text{NDF}: 93.5/60$

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.594 $\pm$ 0.013 χ^2 /NDF: 261638.1/12

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 56.672 $\pm$ 0.013 χ^2 /NDF: 331803.8/11

Left: 56.116 $\pm$ 0.009 χ^2 /NDF: 596957.7/24

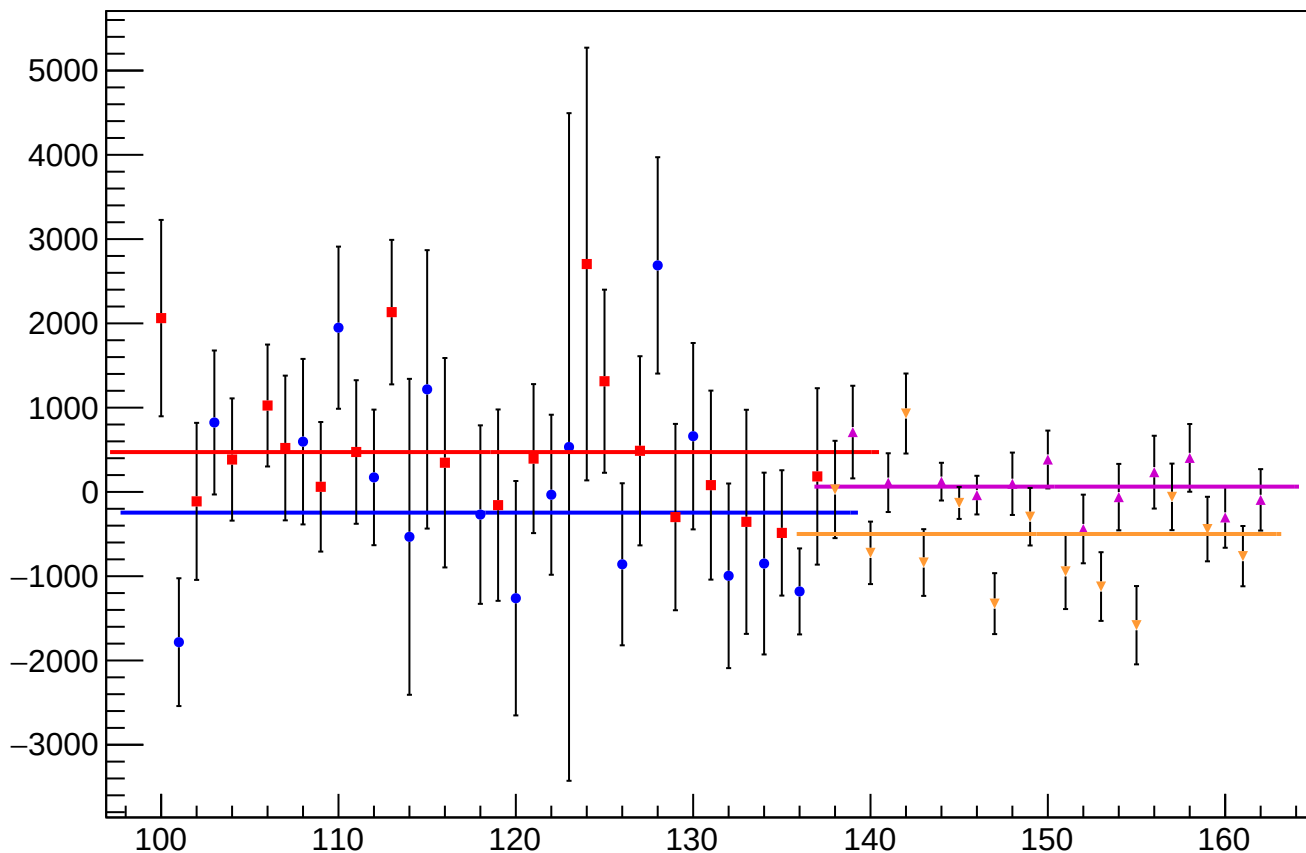
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 60.041 $\pm$ 0.011 χ^2 /NDF: 1383429.9/28

Out: 59.396 $\pm$ 0.011 χ^2 /NDF: 1428353.3/31

All: 59.711 $\pm$ 0.008 χ^2 /NDF: 2813610.9/60

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -499.104 $\pm$ 99.102 χ^2 /NDF:30.9/12

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: 62.797 $\pm$ 97.331 χ^2 /NDF:6.3/11

Left: -213.087 $\pm$ 69.441 χ^2 /NDF: 53.6/24

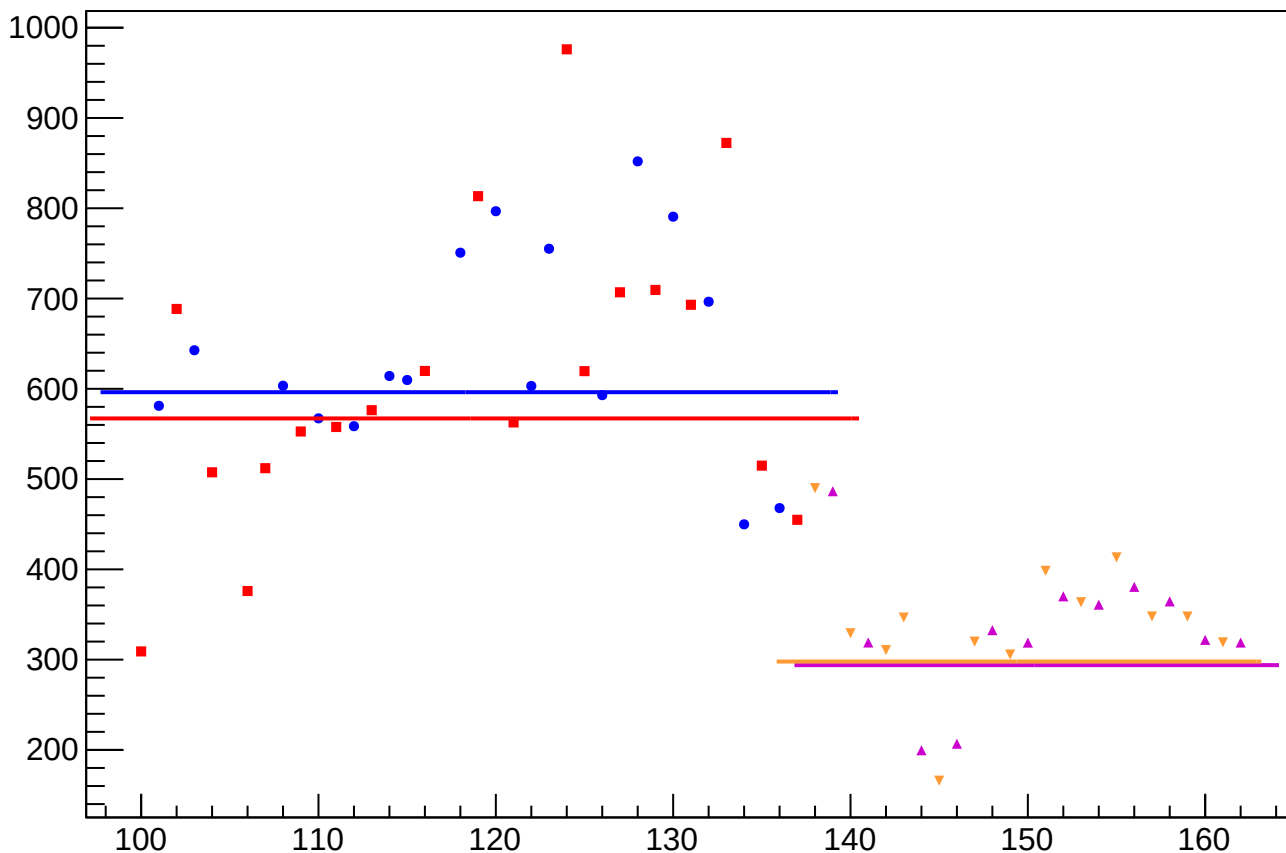
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: 17.769 $\pm$ 89.946 χ^2 /NDF:31.5/28

Out: -333.679 $\pm$ 90.275 χ^2 /NDF:58.6/31

All: -157.312 $\pm$ 63.717 χ^2 /NDF: 97.7/60

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 297.904+/-0.070 χ^2/NDF :1592510.7/12

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 293.904+/-0.069 χ^2/NDF :1223429.5/11

Left: 295.868+/-0.049 χ^2/NDF : 2817598.2/24

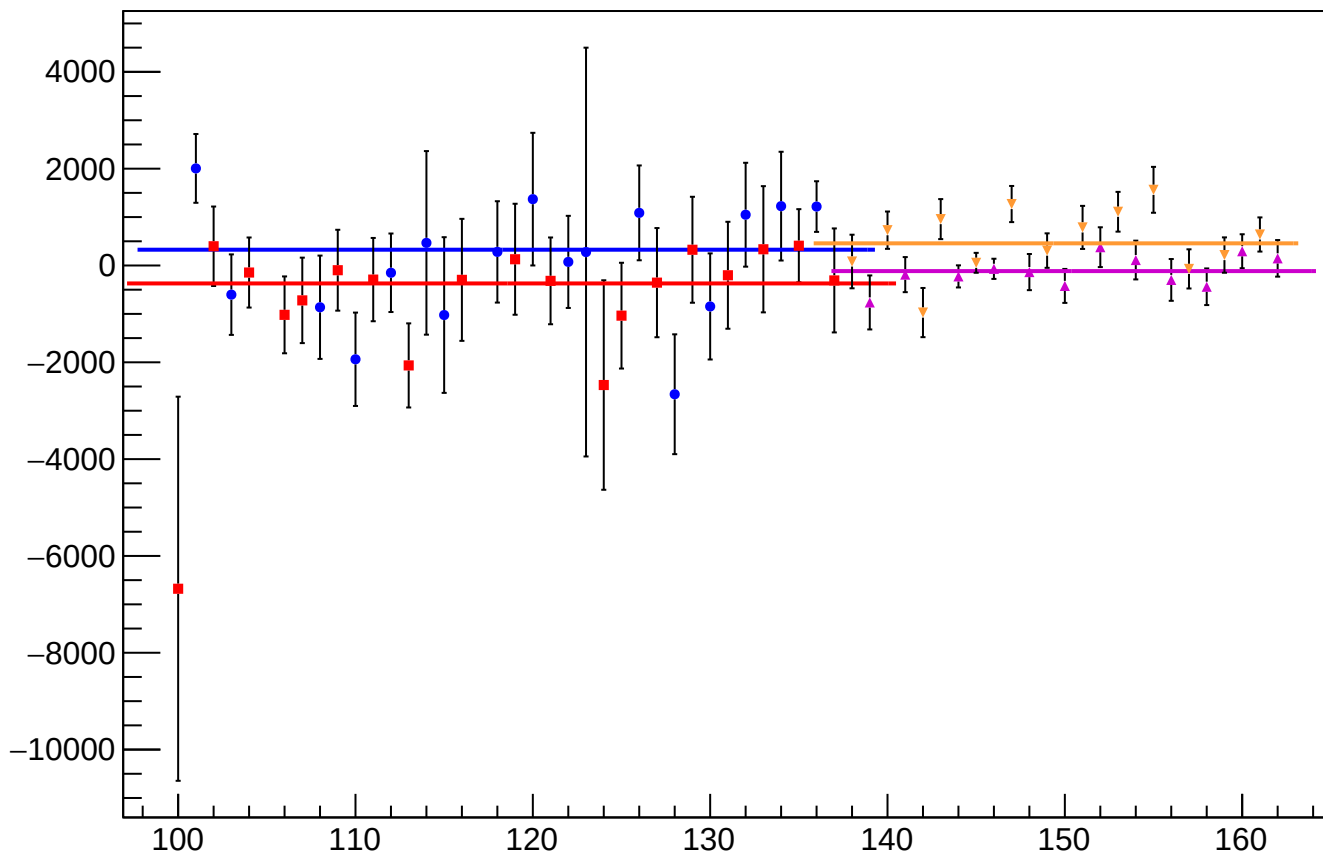
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 338.044+/-0.064 χ^2/NDF :4463050.6/28

Out: 343.733+/-0.064 χ^2/NDF :4780970.7/31

All: 340.878+/-0.045 χ^2/NDF : 9248007.3/60

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 457.586 $\pm$ 102.338 χ^2/NDF :30.0/12

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -115.828 $\pm$ 96.232 χ^2/NDF :7.0/11

Left: 153.261 $\pm$ 70.105 χ^2/NDF : 53.6/24

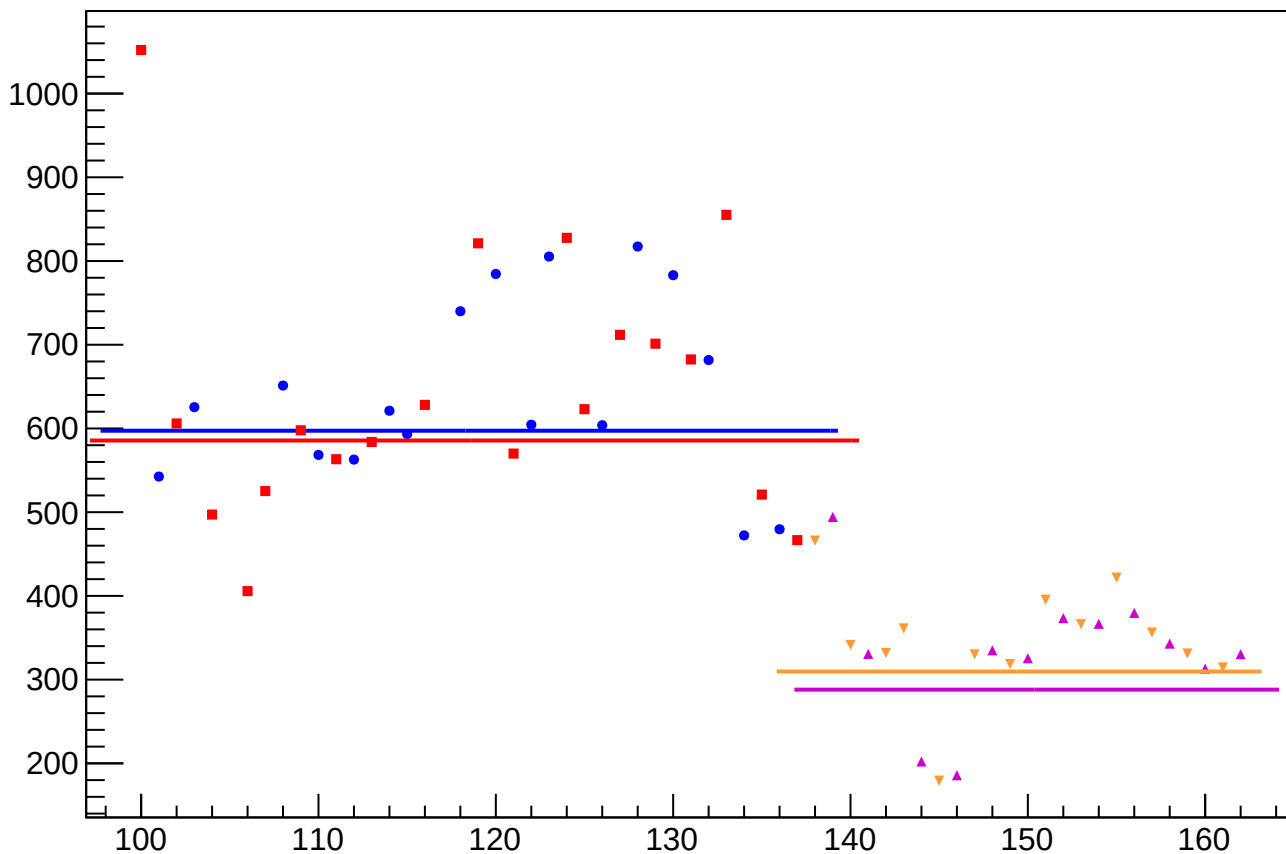
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: -52.644 $\pm$ 89.087 χ^2/NDF :36.8/28

Out: 315.489 $\pm$ 93.147 χ^2/NDF :52.8/31

All: 123.224 $\pm$ 64.381 χ^2/NDF : 97.8/60

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 309.680 $\pm$ 0.072 χ^2 /NDF:1276924.3/12

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 288.041 $\pm$ 0.068 χ^2 /NDF:1451561.0/11

Left: 298.196 $\pm$ 0.050 χ^2 /NDF: 2775944.1/24

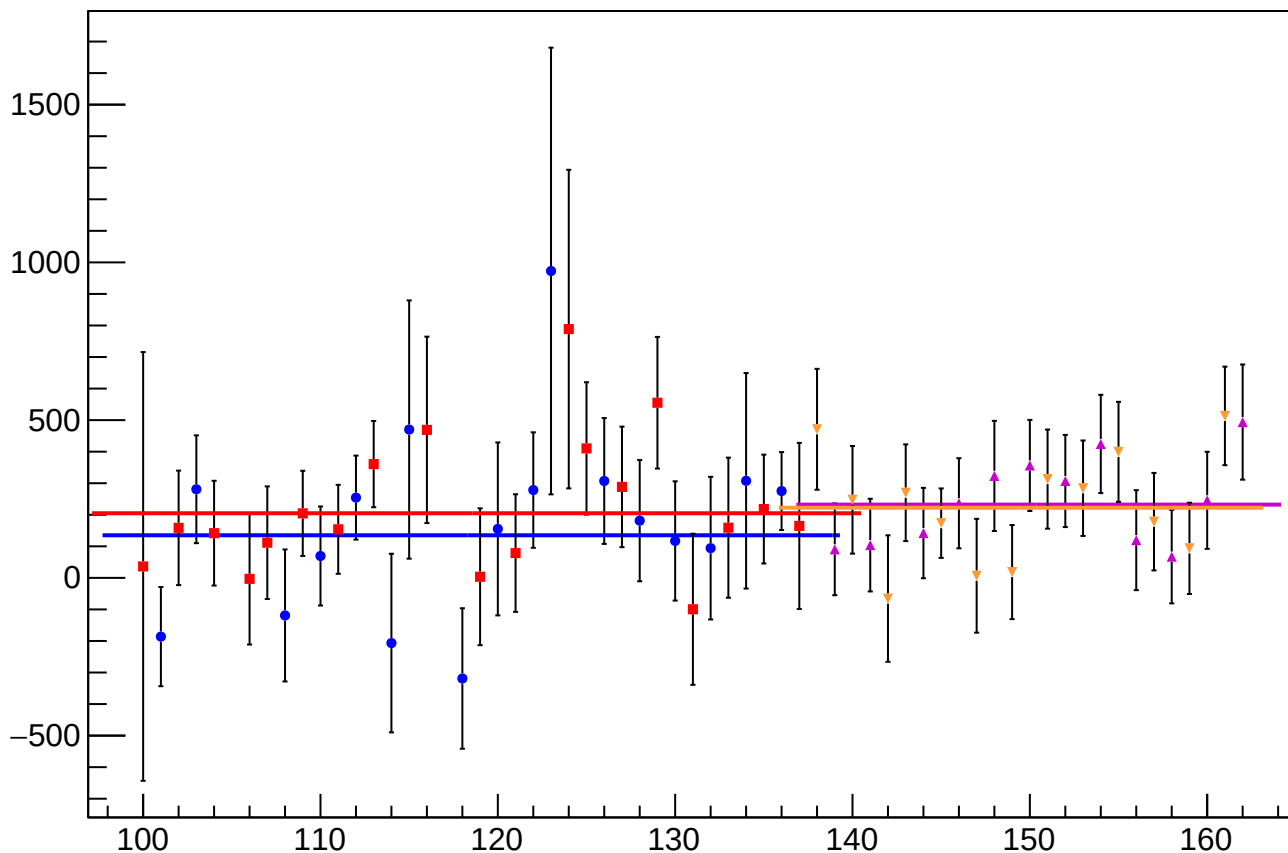
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 332.259 $\pm$ 0.063 χ^2 /NDF:4768549.7/28

Out: 357.017 $\pm$ 0.066 χ^2 /NDF:4245906.8/31

All: 344.087 $\pm$ 0.046 χ^2 /NDF: 9088253.5/60

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 222.344 $\pm$ 42.955 χ^2 /NDF:13.5/12

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 232.169 $\pm$ 43.940 χ^2 /NDF:8.7/11

Left: 227.145 $\pm$ 30.716 χ^2 /NDF: 22.2/24

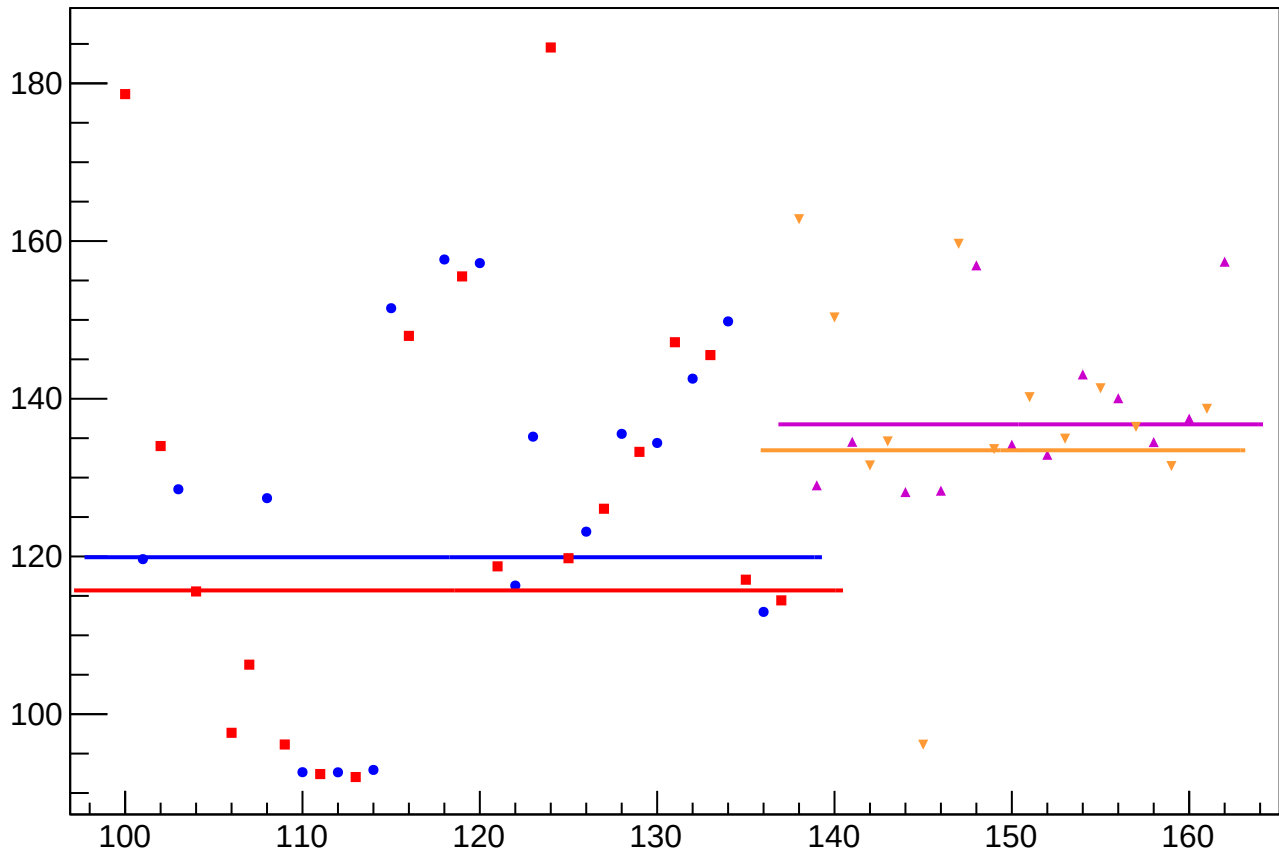
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 186.889 $\pm$ 32.105 χ^2 /NDF:29.0/28

Out: 213.902 $\pm$ 30.886 χ^2 /NDF:25.6/31

All: 200.918 $\pm$ 22.258 χ^2 /NDF: 55.0/60

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 133.466 $\pm$ 0.030 χ^2/NDF : 351022.3/12

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 136.755 $\pm$ 0.031 χ^2/NDF : 79183.9/11

Left: 135.073 $\pm$ 0.022 χ^2/NDF : 435936.2/24

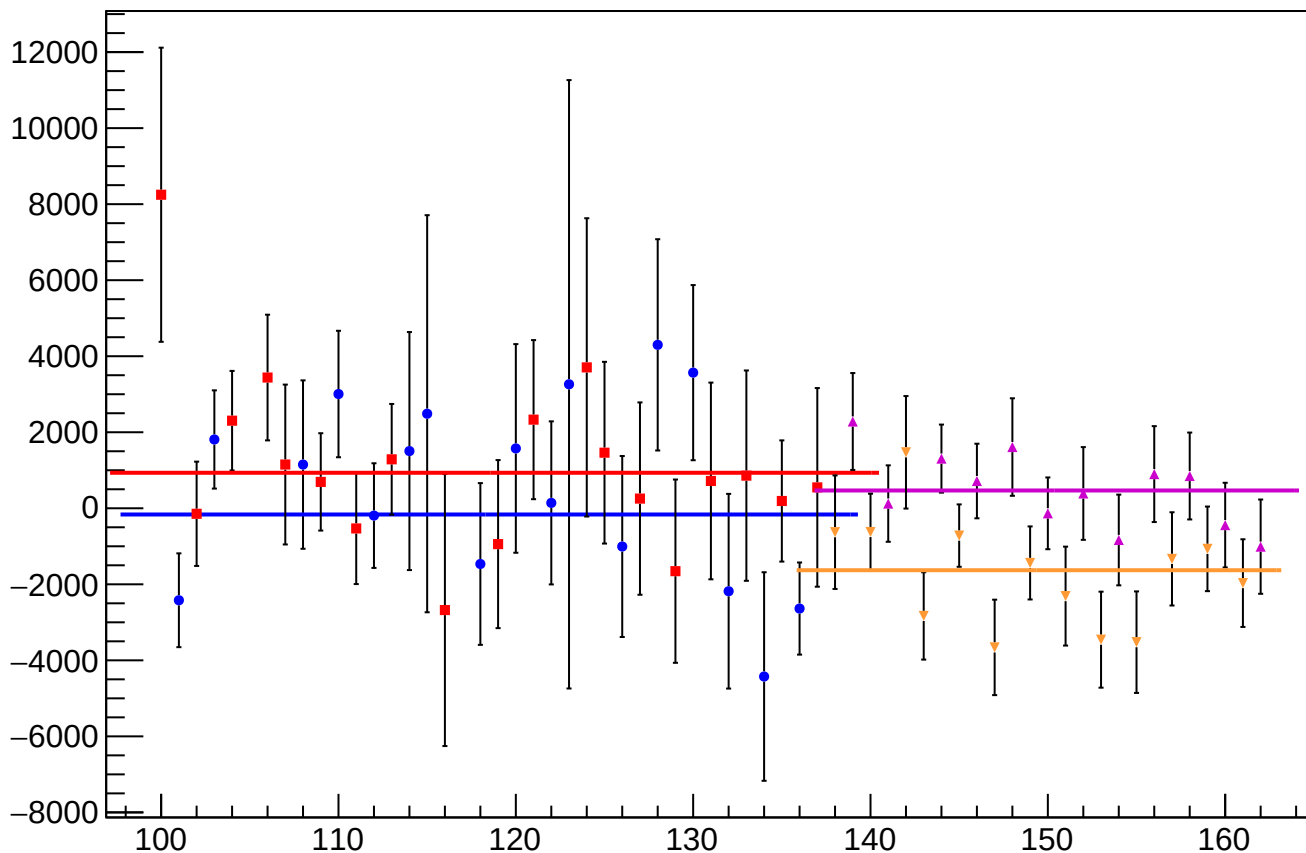
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 128.900 $\pm$ 0.023 χ^2/NDF : 561811.9/28

Out: 124.881 $\pm$ 0.022 χ^2/NDF : 951742.2/31

All: 126.813 $\pm$ 0.016 χ^2/NDF : 1529830.1/60

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 χ^2/NDF : 23.7/16

Left Out: -1629.540 ± 318.601 χ^2/NDF : 15.6/12

Right Out: 933.992 ± 437.648 χ^2/NDF : 12.9/18

Left In: 468.167 ± 318.657 χ^2/NDF : 7.8/11

Left: -580.869 ± 225.305 χ^2/NDF : 45.1/24

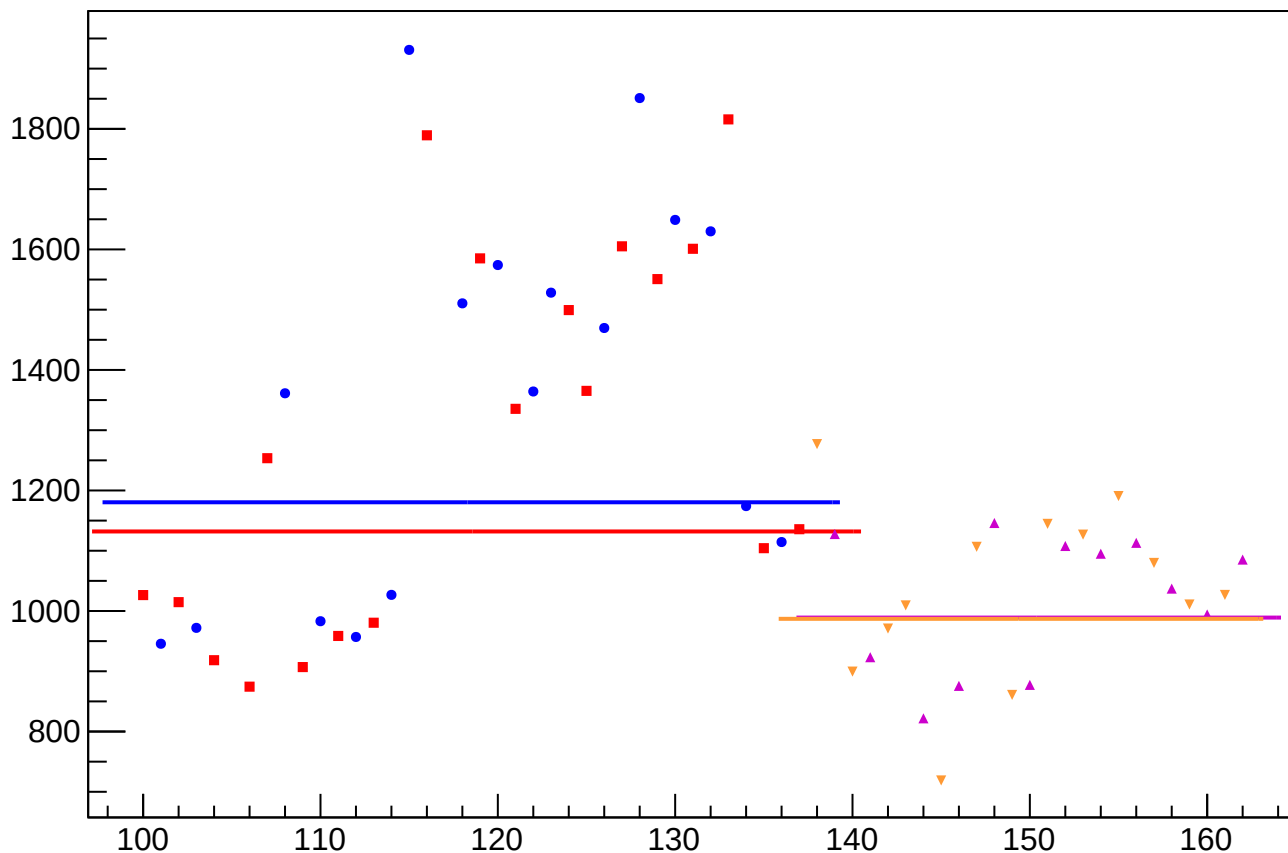
Right: 423.822 ± 320.162 χ^2/NDF : 39.5/35

In: 268.996 ± 263.679 χ^2/NDF : 32.7/28

Out: -741.561 ± 257.577 χ^2/NDF : 50.9/31

All: -248.111 ± 184.254 χ^2/NDF : 91.2/60

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 987.018+/-0.225 χ^2/NDF : 472818.8/12

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 989.078+/-0.225 χ^2/NDF : 256336.0/11

Left: 988.048+/-0.159 χ^2/NDF : 729196.6/24

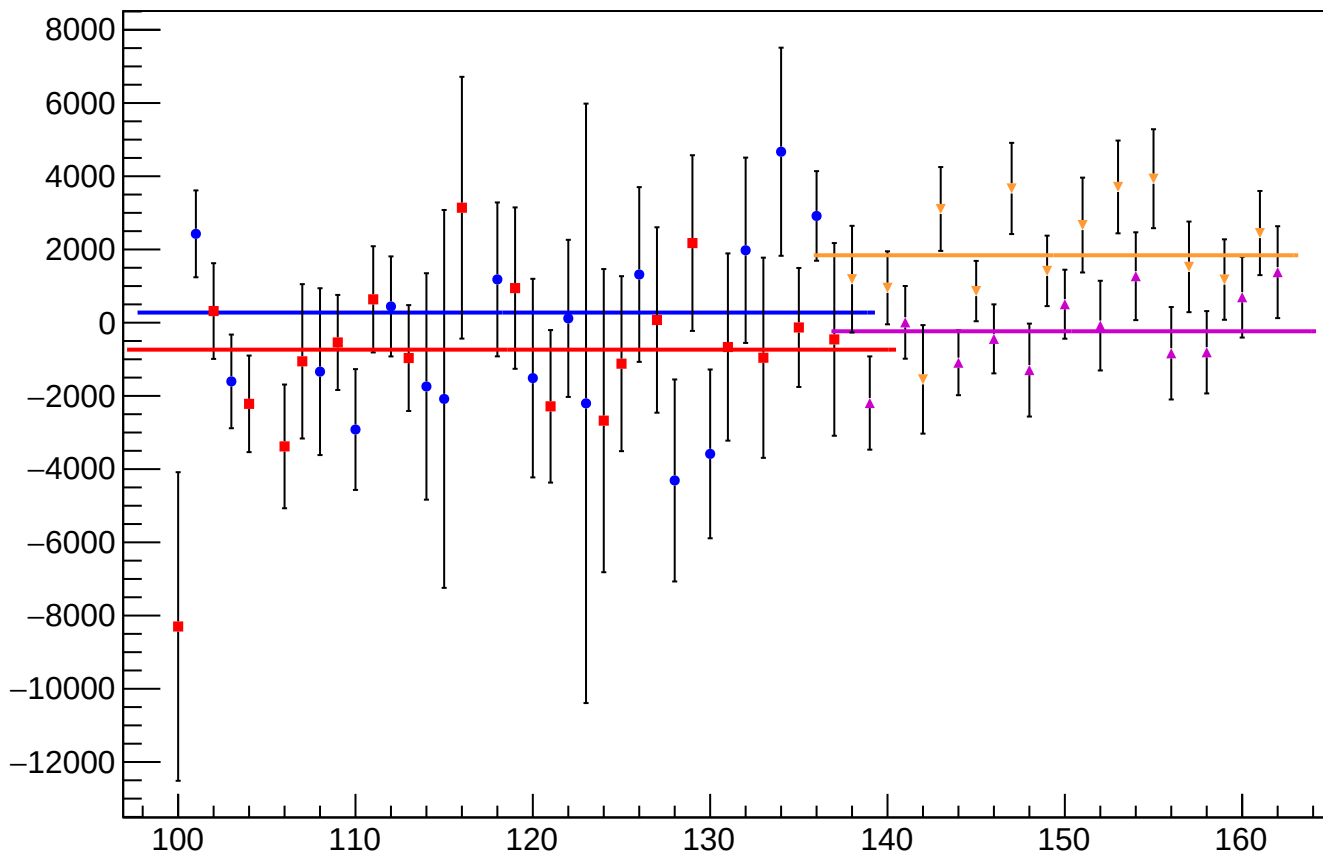
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1049.401+/-0.186 χ^2/NDF : 1152501.4/28

Out: 1037.231+/-0.182 χ^2/NDF : 1378138.8/31

All: 1043.174+/-0.130 χ^2/NDF : 2532820.4/60

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1841.408 $\pm$ 317.883 χ^2/NDF : 16.9/12

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: -234.702 $\pm$ 316.052 χ^2/NDF : 9.2/11

Left: 797.355 $\pm$ 224.127 χ^2/NDF : 47.5/24

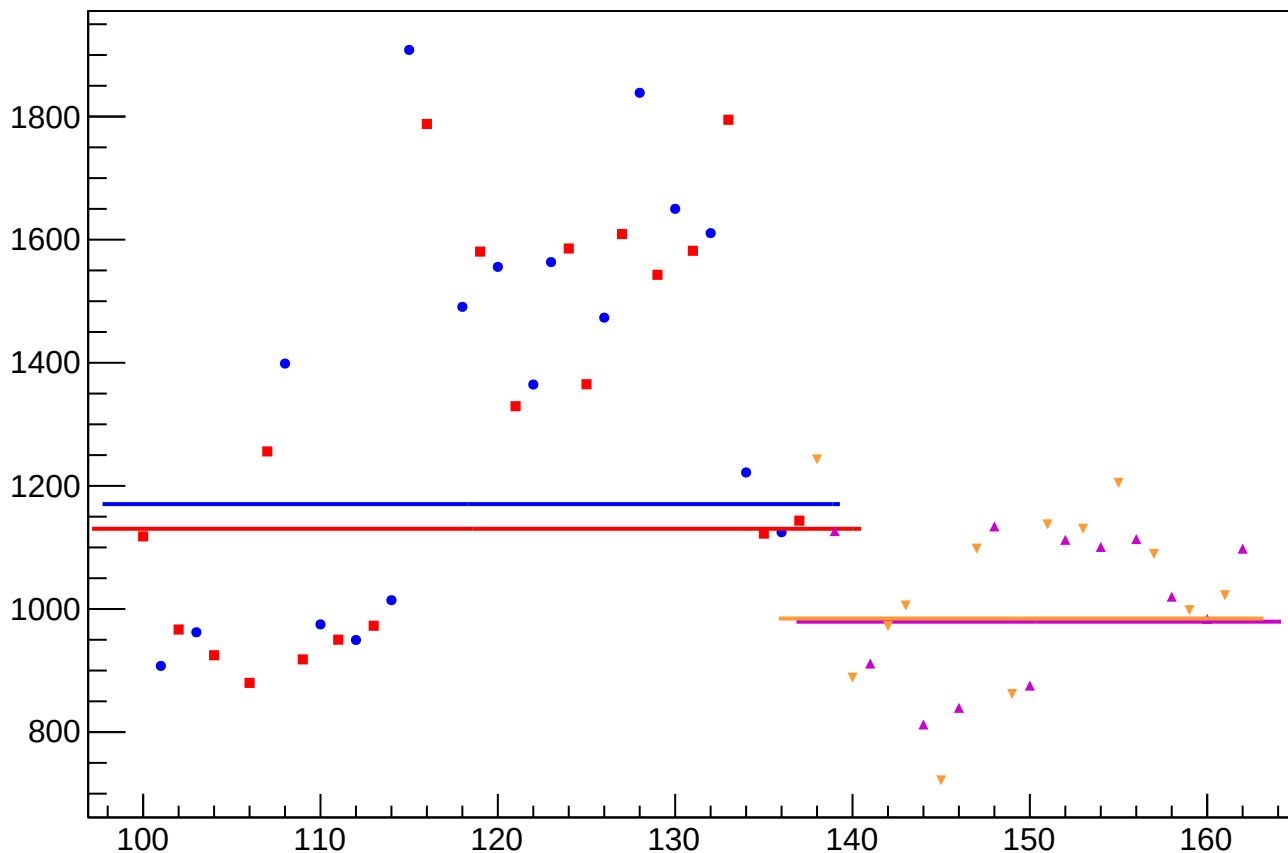
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: -73.867 $\pm$ 261.643 χ^2/NDF : 34.3/28

Out: 950.462 $\pm$ 257.157 χ^2/NDF : 52.4/31

All: 447.154 $\pm$ 183.403 χ^2/NDF : 94.5/60

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 984.526 $\pm$ 0.225 χ^2/NDF : 459389.1/12

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 979.412 $\pm$ 0.223 χ^2/NDF : 292239.5/11

Left: 981.955 $\pm$ 0.158 χ^2/NDF : 751888.8/24

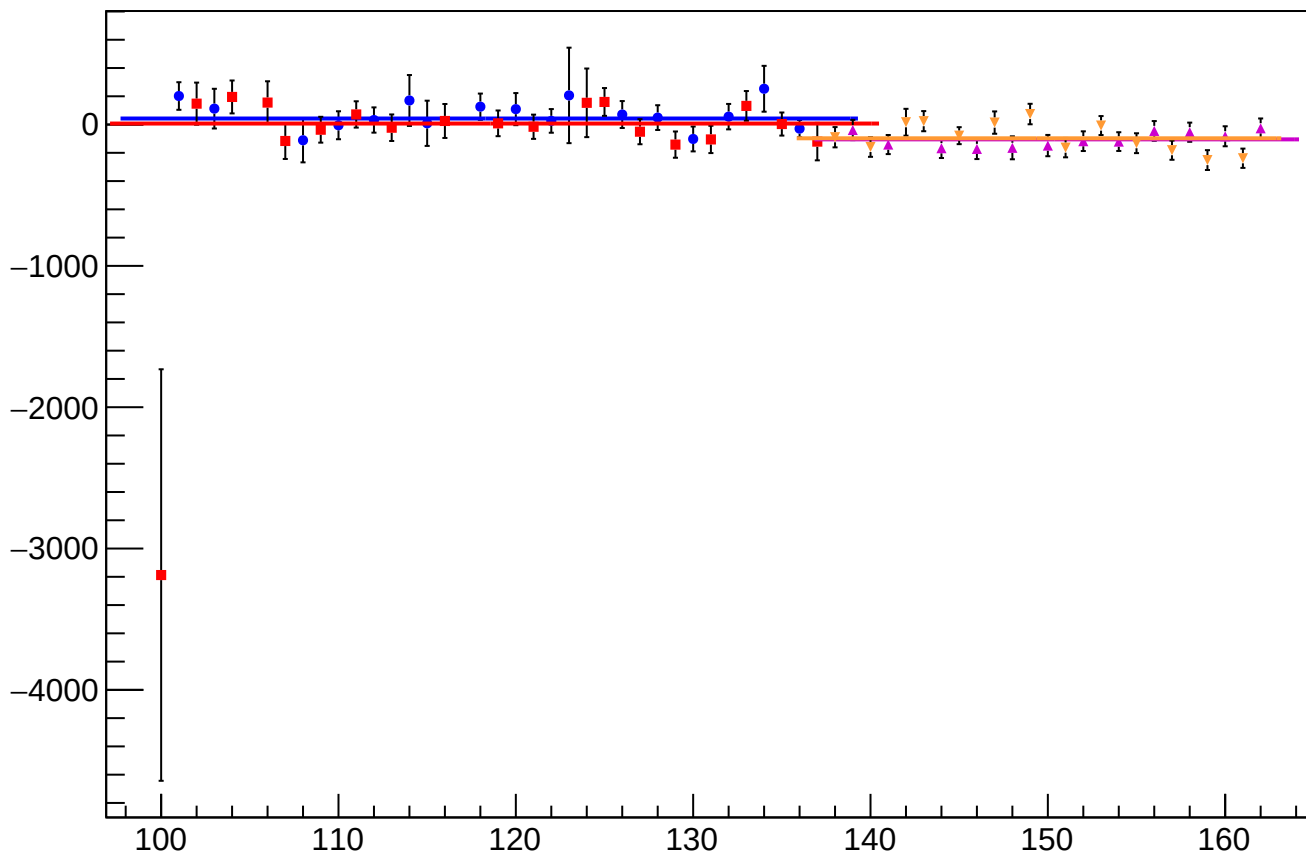
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1039.512 $\pm$ 0.185 χ^2/NDF : 1227551.0/28

Out: 1034.910 $\pm$ 0.182 χ^2/NDF : 1367820.7/31

All: 1037.171 $\pm$ 0.130 χ^2/NDF : 2595686.5/60

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -97.260 ± 19.576 $\chi^2/\text{NDF}: 26.4/12$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -104.888 ± 20.385 $\chi^2/\text{NDF}: 6.5/11$

Left: -100.920 ± 14.120 $\chi^2/\text{NDF}: 33.0/24$

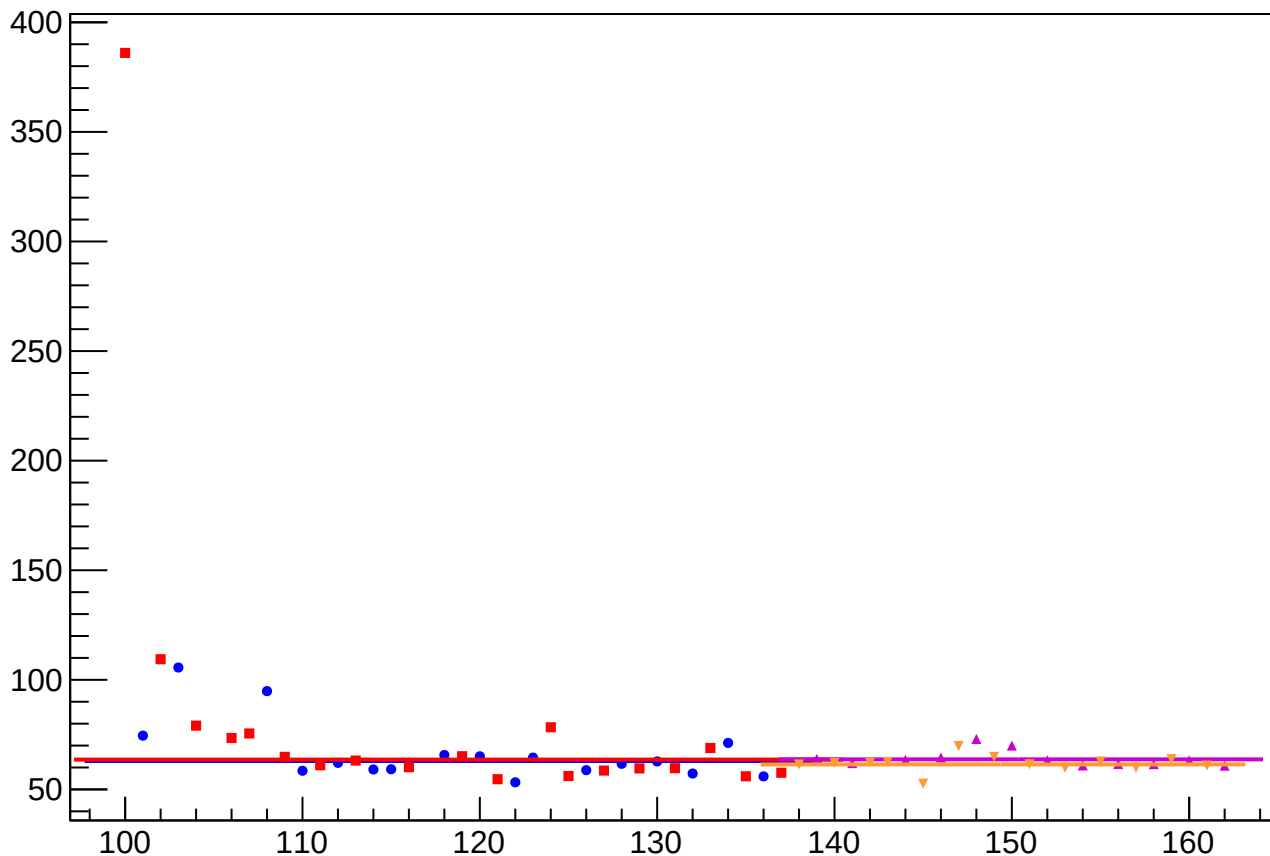
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -45.105 ± 15.722 $\chi^2/\text{NDF}: 39.7/28$

Out: -56.576 ± 15.291 $\chi^2/\text{NDF}: 58.1/31$

All: -51.000 ± 10.962 $\chi^2/\text{NDF}: 98.1/60$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.405 $\pm$ 0.014 χ^2 /NDF: 75971.5/12

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.705 $\pm$ 0.014 χ^2 /NDF: 52846.1/11

Left: 62.508 $\pm$ 0.010 χ^2 /NDF: 142063.0/24

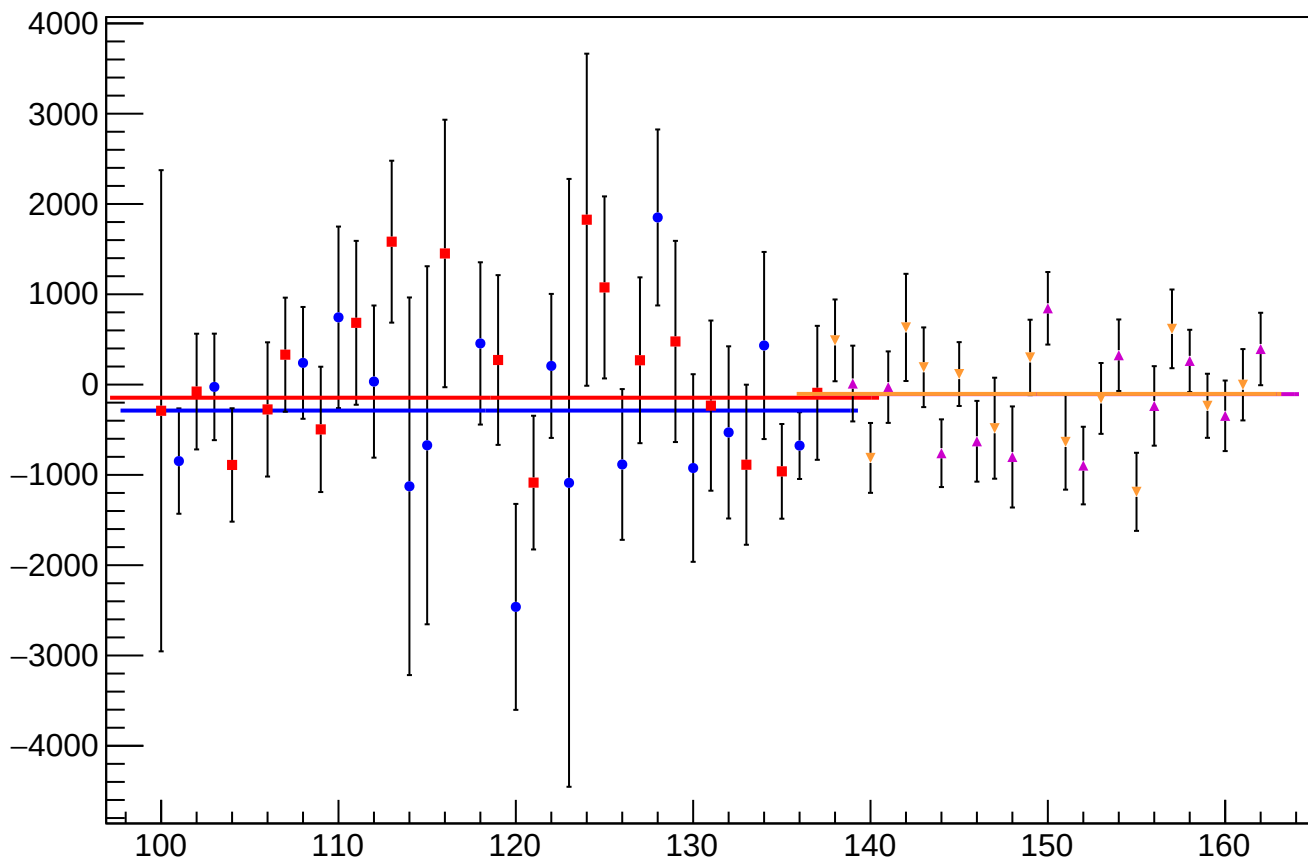
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.411 $\pm$ 0.011 χ^2 /NDF: 429133.1/28

Out: 62.266 $\pm$ 0.011 χ^2 /NDF: 519447.5/31

All: 62.823 $\pm$ 0.008 χ^2 /NDF: 954034.5/60

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -103.235 $\pm$ 118.261 χ^2 /NDF:19.1/12

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -105.911 $\pm$ 118.102 χ^2 /NDF:19.4/11

Left: -104.575 $\pm$ 83.567 χ^2 /NDF: 38.5/24

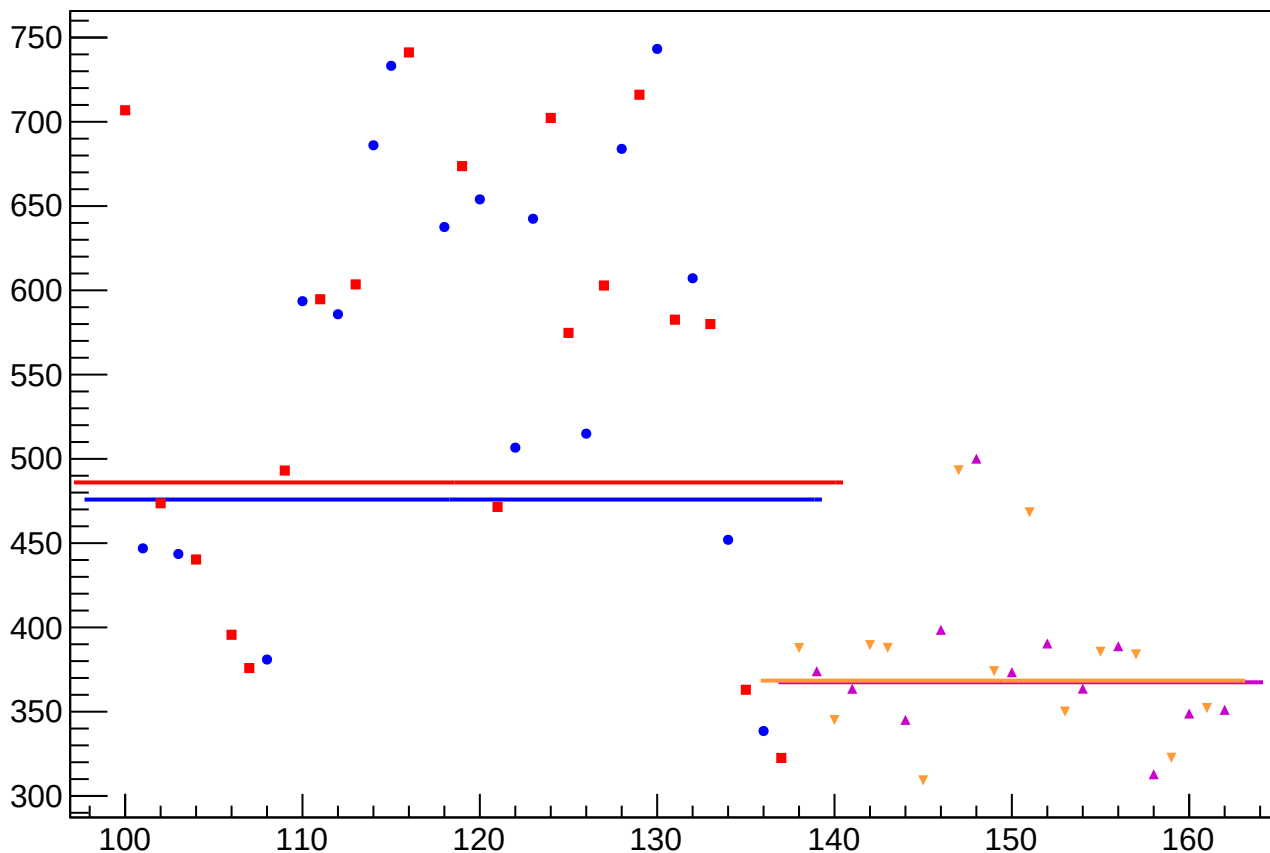
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -156.613 $\pm$ 100.287 χ^2 /NDF:35.4/28

Out: -115.235 $\pm$ 99.998 χ^2 /NDF:35.2/31

All: -135.864 $\pm$ 70.812 χ^2 /NDF: 70.7/60

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 368.416+/-0.084 χ^2/NDF :291568.6/12

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 367.440+/-0.084 χ^2/NDF :198941.6/11

Left: 367.927+/-0.059 χ^2/NDF : 490578.3/24

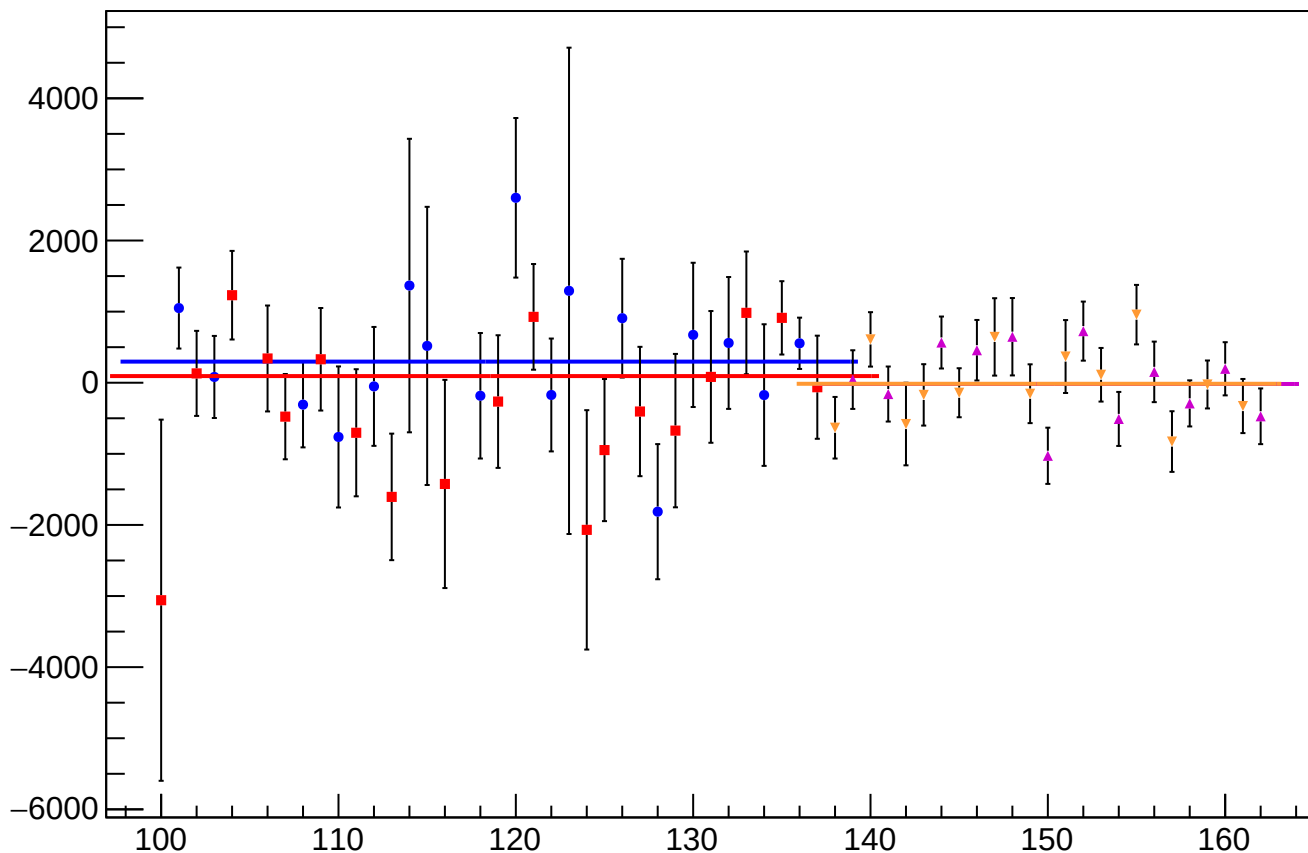
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 397.685+/-0.071 χ^2/NDF :1506984.7/28

Out: 401.931+/-0.071 χ^2/NDF :1585300.5/31

All: 399.814+/-0.050 χ^2/NDF : 3094083.0/60

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2/NDF : 15.9/16

Left Out: -14.901 $\pm$ 114.807 χ^2/NDF : 17.9/12

Right Out: 93.523 $\pm$ 183.916 χ^2/NDF : 20.1/18

Left In: -17.592 $\pm$ 114.129 χ^2/NDF : 19.4/11

Left: -16.254 $\pm$ 80.940 χ^2/NDF : 37.3/24

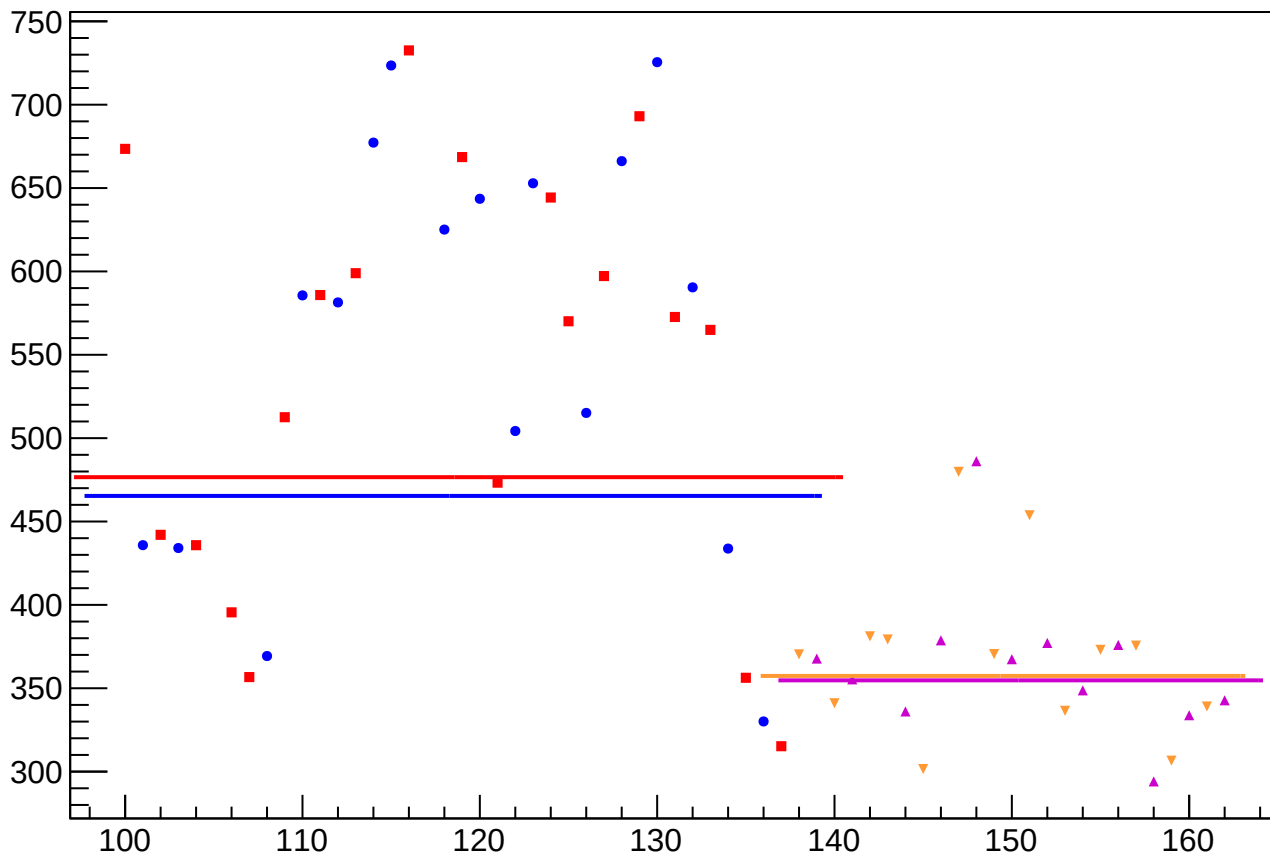
Right: 194.121 $\pm$ 130.770 χ^2/NDF : 36.6/35

In: 68.468 $\pm$ 97.273 χ^2/NDF : 37.3/28

Out: 15.501 $\pm$ 97.390 χ^2/NDF : 38.2/31

All: 42.016 $\pm$ 68.824 χ^2/NDF : 75.7/60

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 357.390 $\pm$ 0.081 χ^2/NDF :302904.8/12

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 354.731 $\pm$ 0.081 χ^2/NDF :221689.6/11

Left: 356.052 $\pm$ 0.057 χ^2/NDF : 525133.9/24

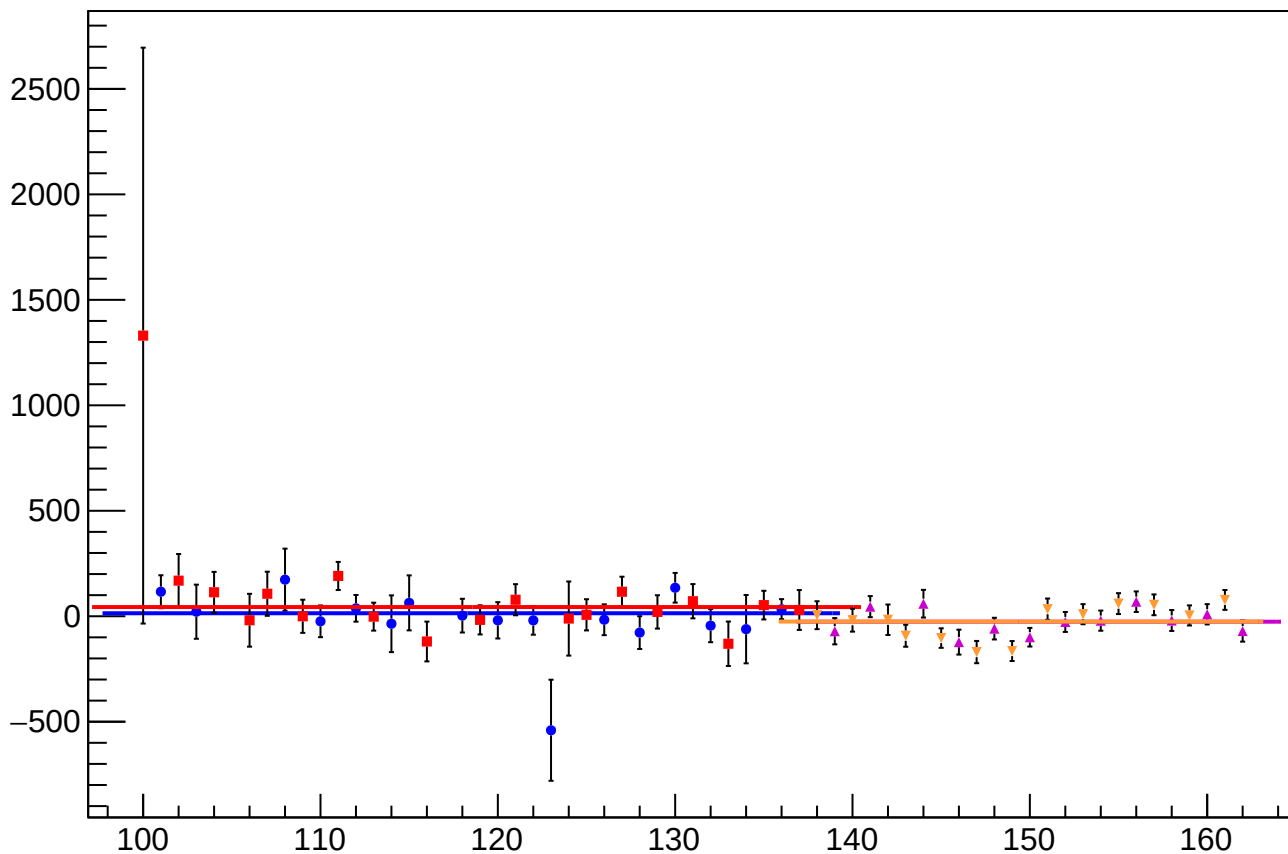
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 384.995 $\pm$ 0.069 χ^2/NDF :1596172.3/28

Out: 390.816 $\pm$ 0.069 χ^2/NDF :1660466.3/31

All: 387.902 $\pm$ 0.049 χ^2/NDF : 3260215.6/60

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -25.170 ± 14.223 $\chi^2/\text{NDF}: 33.5/12$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -25.778 ± 14.733 $\chi^2/\text{NDF}: 15.2/11$

Left: -25.463 ± 10.233 $\chi^2/\text{NDF}: 48.8/24$

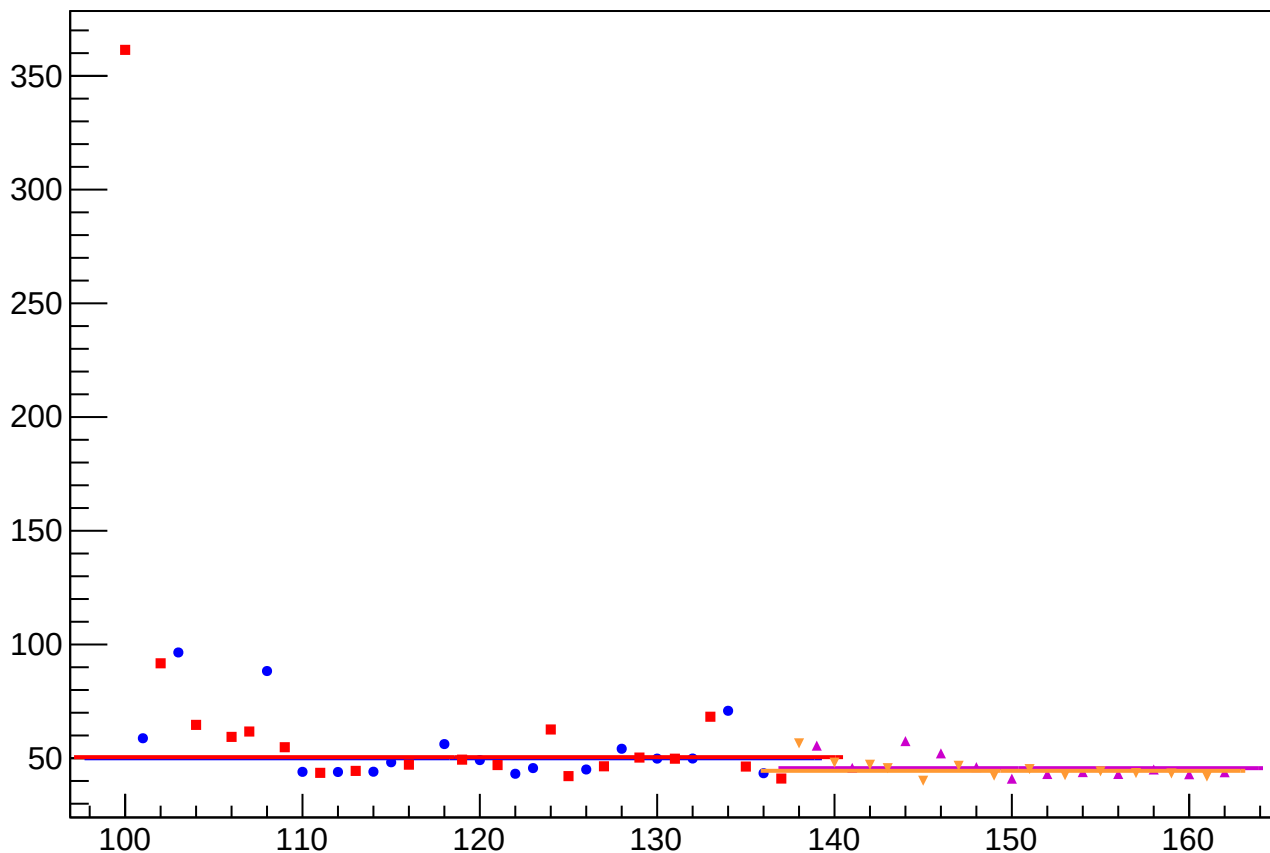
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -11.574 ± 11.834 $\chi^2/\text{NDF}: 32.6/28$

Out: -1.524 ± 11.521 $\chi^2/\text{NDF}: 58.6/31$

All: -6.414 ± 8.255 $\chi^2/\text{NDF}: 91.6/60$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 44.466 $\pm$ 0.010 χ^2 /NDF: 115886.9/12

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 45.626 $\pm$ 0.010 χ^2 /NDF: 185488.7/11

Left: 45.025 $\pm$ 0.007 χ^2 /NDF: 307797.1/24

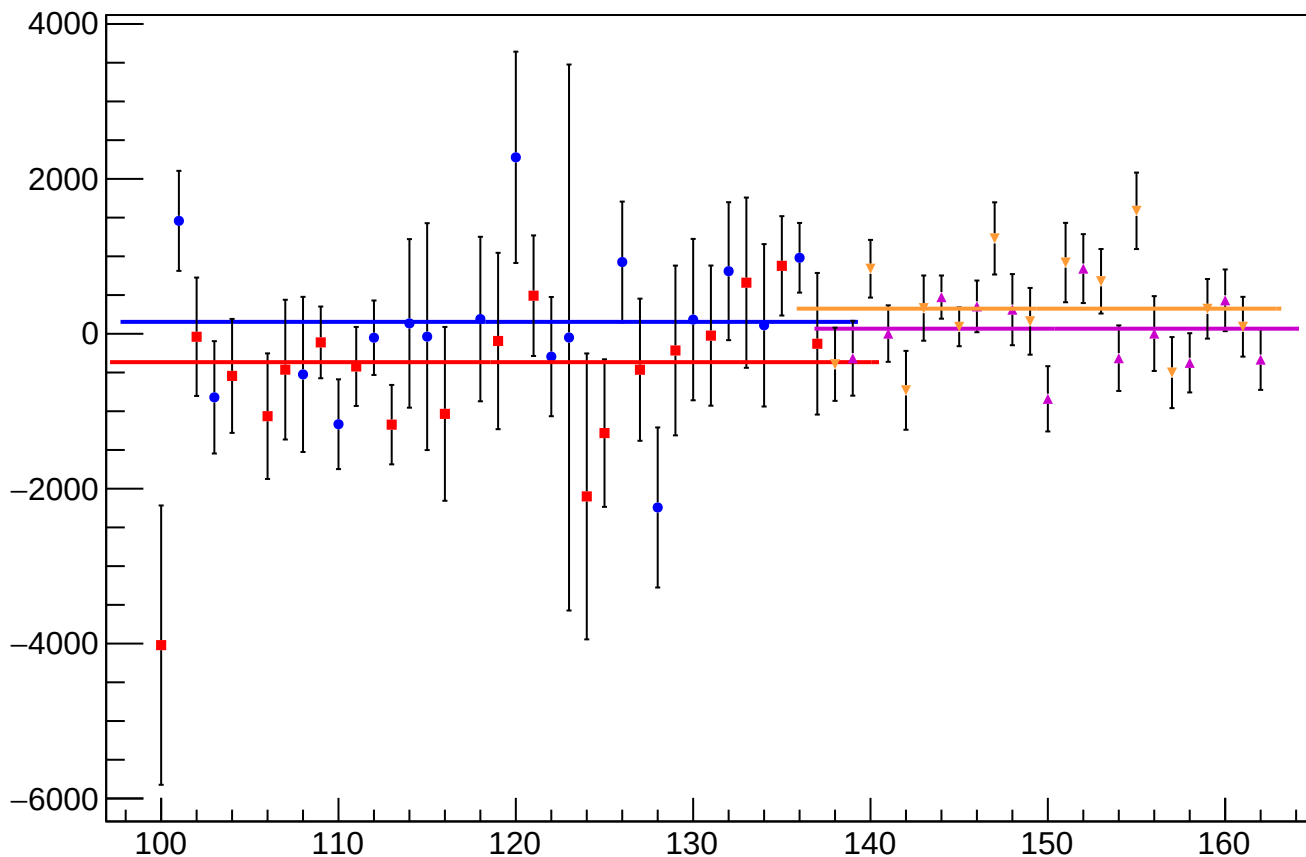
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 47.168 $\pm$ 0.008 χ^2 /NDF: 826020.7/28

Out: 46.531 $\pm$ 0.008 χ^2 /NDF: 809840.7/31

All: 46.841 $\pm$ 0.006 χ^2 /NDF: 1638841.3/60

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 324.588 $\pm$ 112.504 χ^2 /NDF:25.5/12

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 65.782 $\pm$ 112.779 χ^2 /NDF:15.5/11

Left: 195.502 $\pm$ 79.650 χ^2 /NDF: 43.7/24

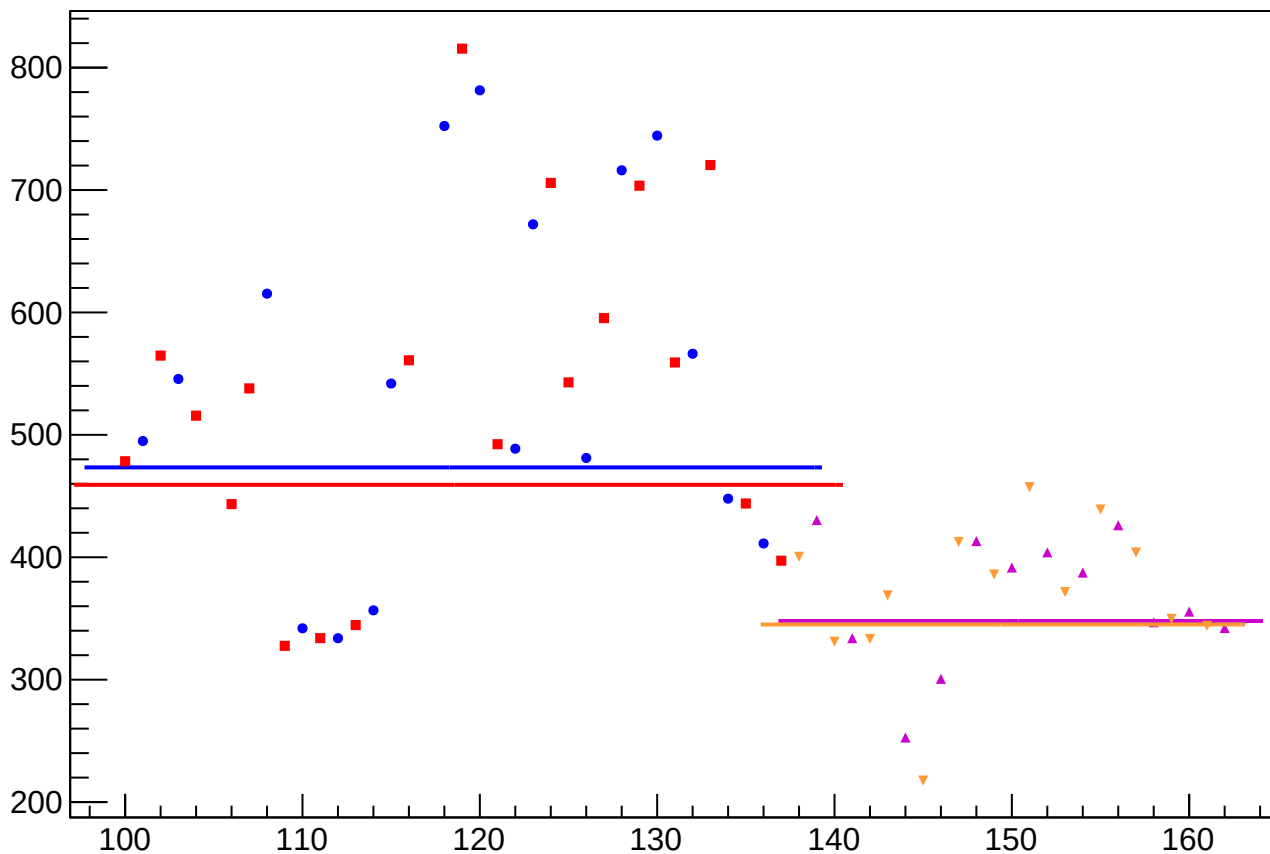
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 88.732 $\pm$ 96.976 χ^2 /NDF:40.5/28

Out: 128.811 $\pm$ 95.239 χ^2 /NDF:52.4/31

All: 109.134 $\pm$ 67.950 χ^2 /NDF: 93.0/60

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 345.110 $\pm$ 0.080 χ^2/NDF : 825269.3/12

Right Out: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

Left In: 347.929 $\pm$ 0.080 χ^2/NDF : 499015.4/11

Left: 346.516 $\pm$ 0.056 χ^2/NDF : 1324911.0/24

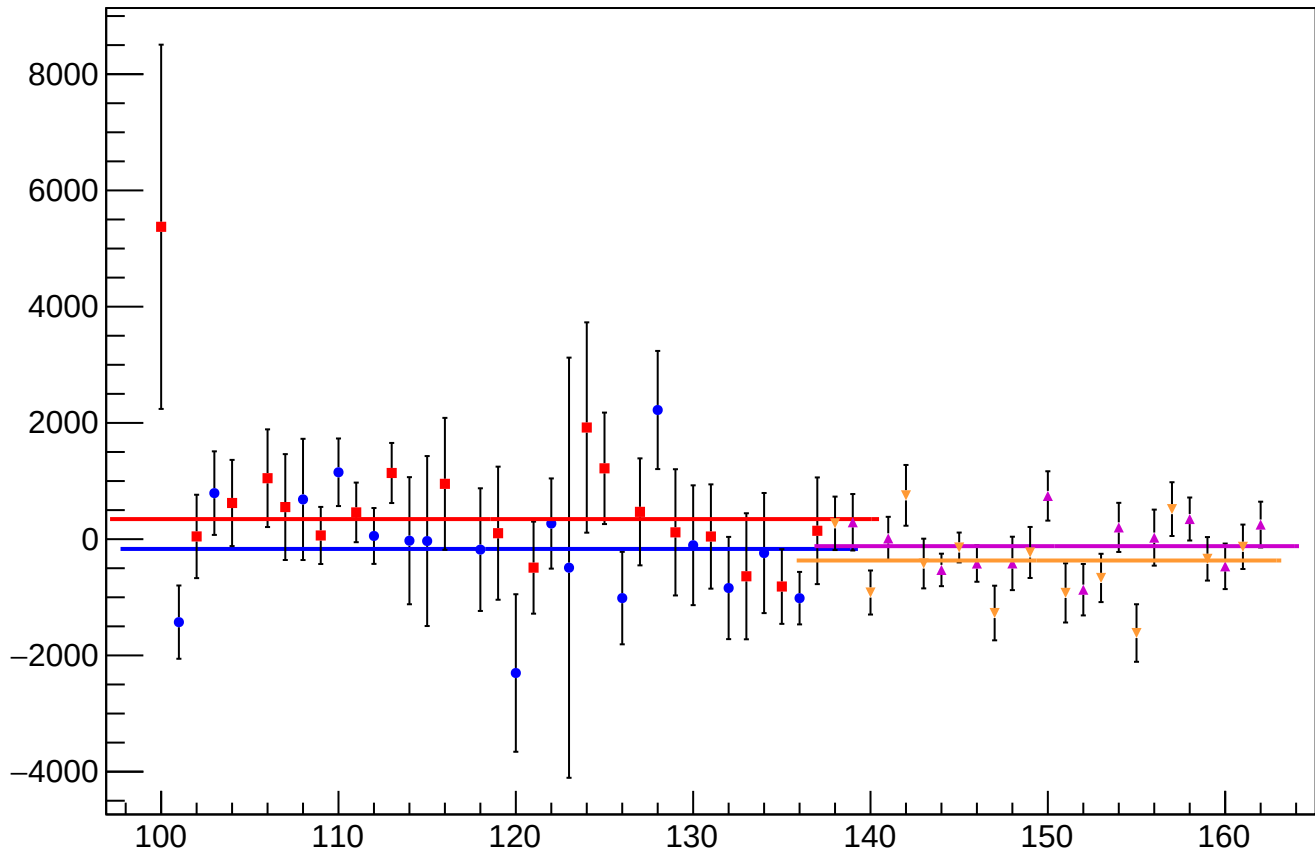
Right: 465.867 $\pm$ 0.092 χ^2/NDF : 1927360.0/35

In: 380.630 $\pm$ 0.069 χ^2/NDF : 2059143.2/28

Out: 377.435 $\pm$ 0.067 χ^2/NDF : 2414396.2/31

All: 379.004 $\pm$ 0.048 χ^2/NDF : 4474644.3/60

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -366.948+/-113.166 χ^2/NDF :25.3/12

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -120.155+/-111.802 χ^2/NDF :15.3/11

Left: -242.055+/-79.534 χ^2/NDF : 43.0/24

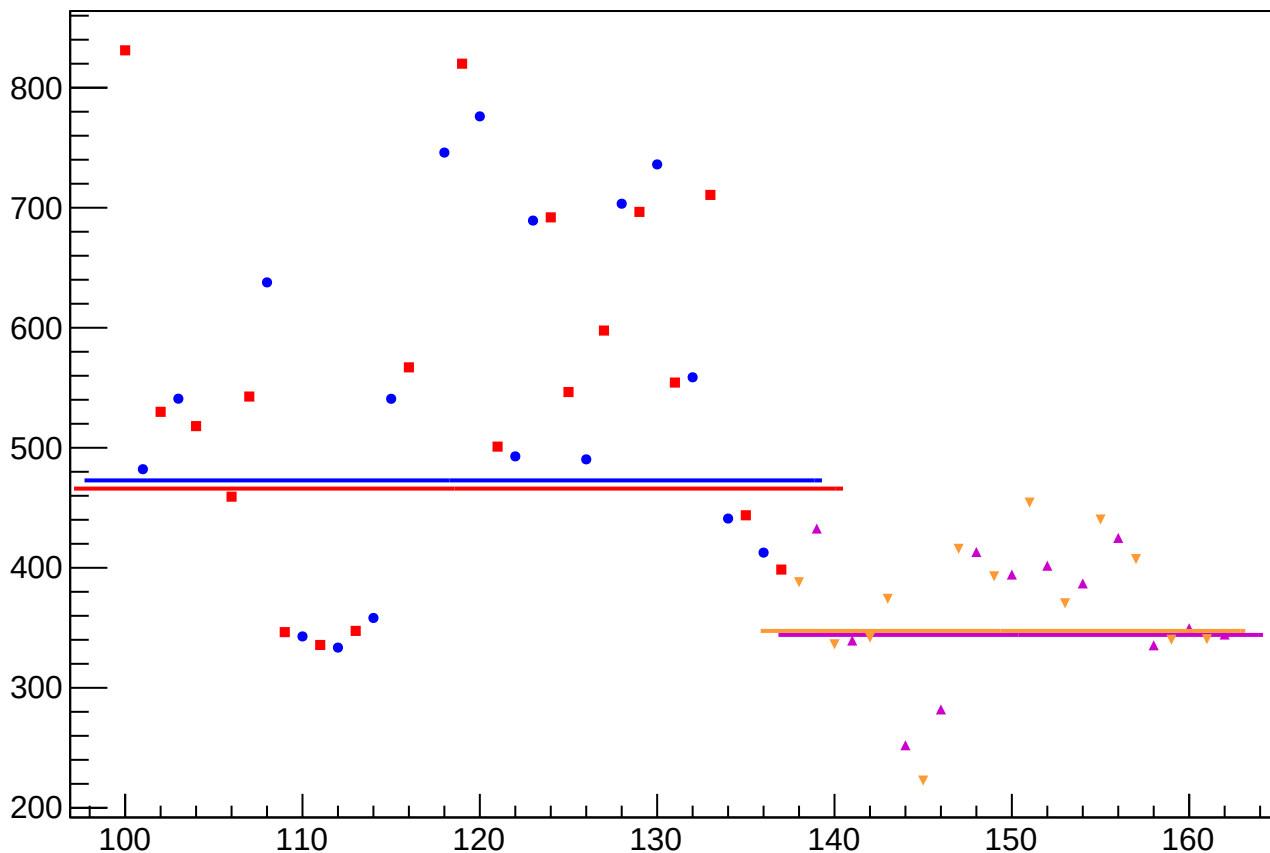
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -132.497+/-96.326 χ^2/NDF :40.7/28

Out: -167.129+/-95.993 χ^2/NDF :50.2/31

All: -149.873+/-67.995 χ^2/NDF : 90.9/60

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 347.414 $\pm$ 0.080 χ^2/NDF : 759918.5/12

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 344.089 $\pm$ 0.079 χ^2/NDF : 546995.5/11

Left: 345.731 $\pm$ 0.056 χ^2/NDF : 1307787.7/24

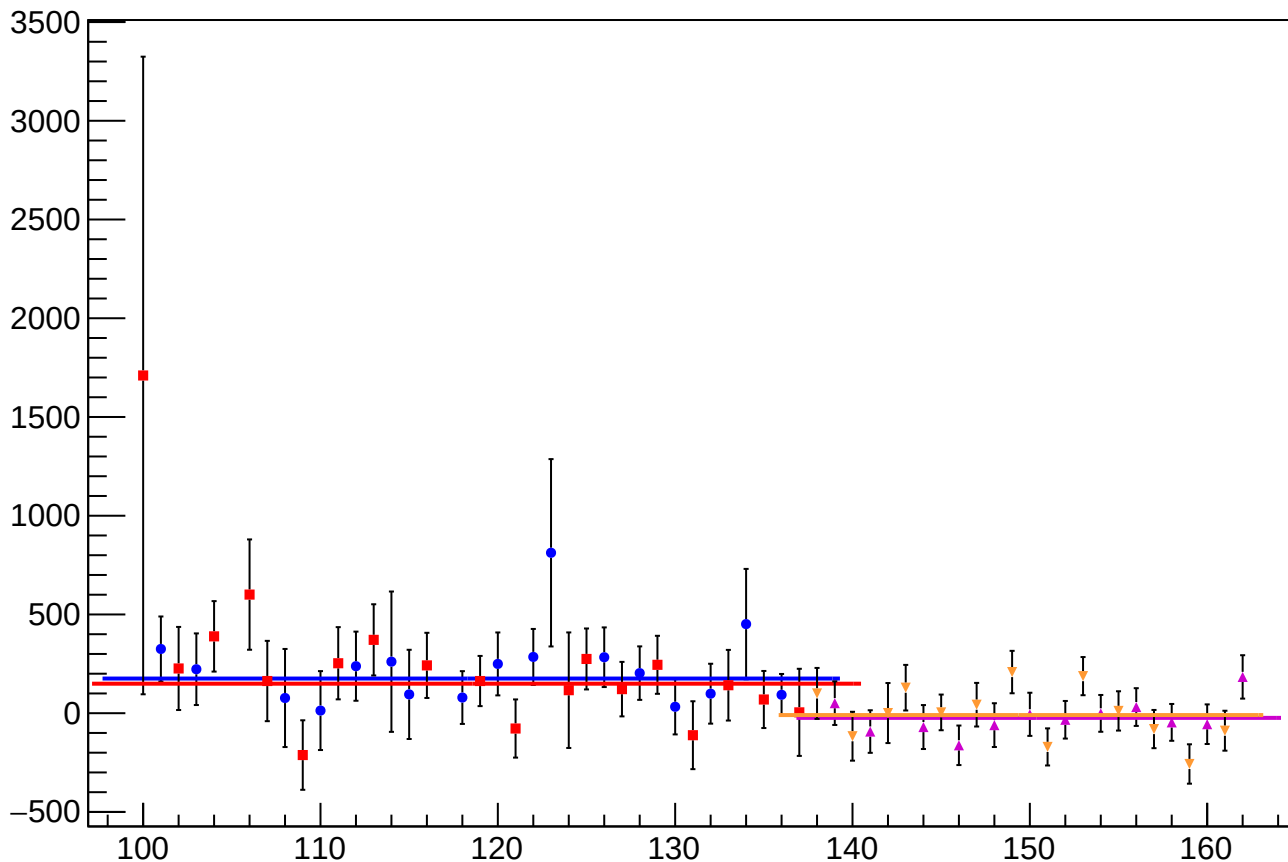
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 377.261 $\pm$ 0.068 χ^2/NDF : 2126626.7/28

Out: 380.671 $\pm$ 0.068 χ^2/NDF : 2317787.2/31

All: 378.971 $\pm$ 0.048 χ^2/NDF : 4445671.5/60

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -9.442 $\pm$ 29.344 χ^2 /NDF:21.8/12

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -23.666 $\pm$ 29.539 χ^2 /NDF:7.2/11

Left: -16.507 $\pm$ 20.818 χ^2 /NDF: 29.1/24

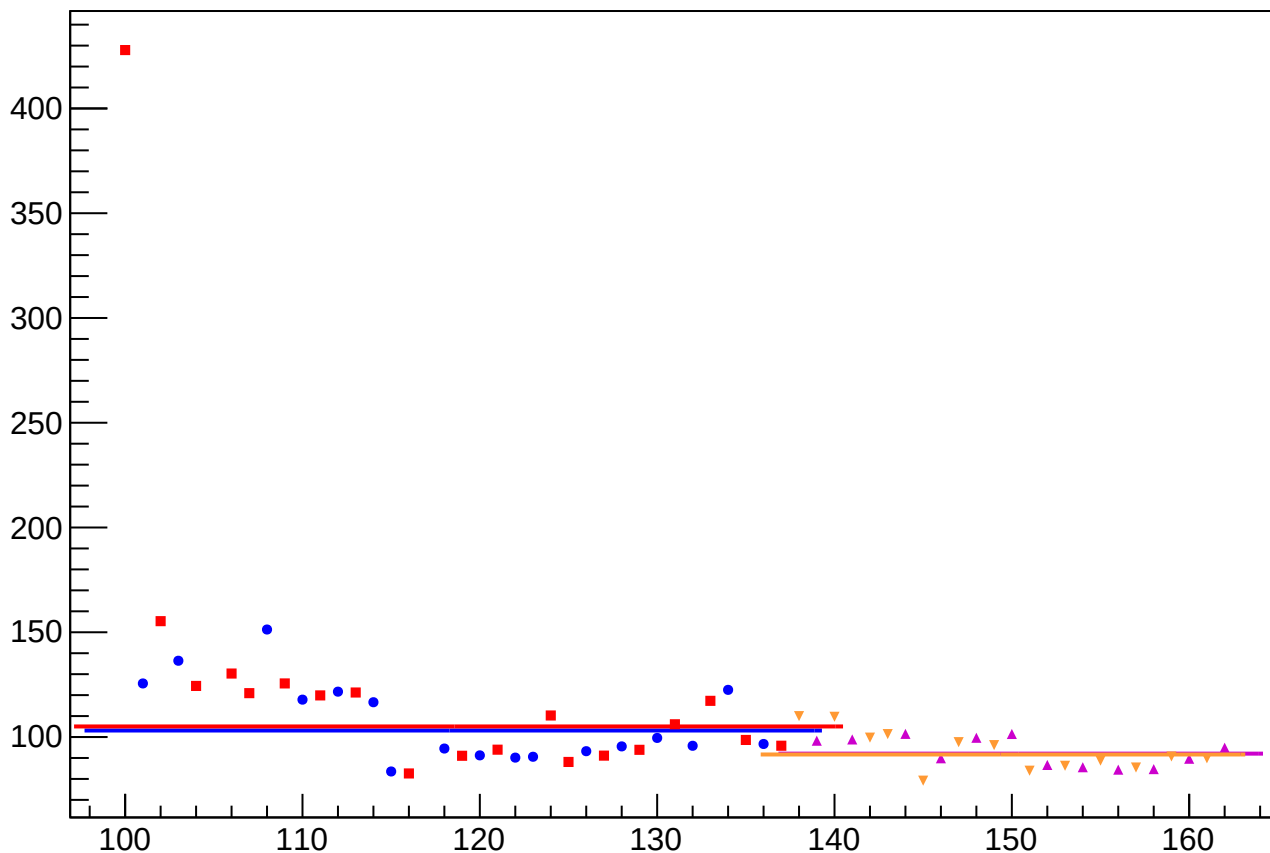
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 45.798 $\pm$ 23.837 χ^2 /NDF:31.7/28

Out: 45.567 $\pm$ 23.726 χ^2 /NDF:50.3/31

All: 45.682 $\pm$ 16.816 χ^2 /NDF: 82.0/60

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 91.669 $\pm$ 0.021 χ^2/NDF :180368.7/12

Right Out: 105.045 $\pm$ 0.029 χ^2/NDF : 448699.0/18

Left In: 92.073 $\pm$ 0.021 χ^2/NDF :97605.6/11

Left: 91.869 $\pm$ 0.015 χ^2/NDF : 278162.2/24

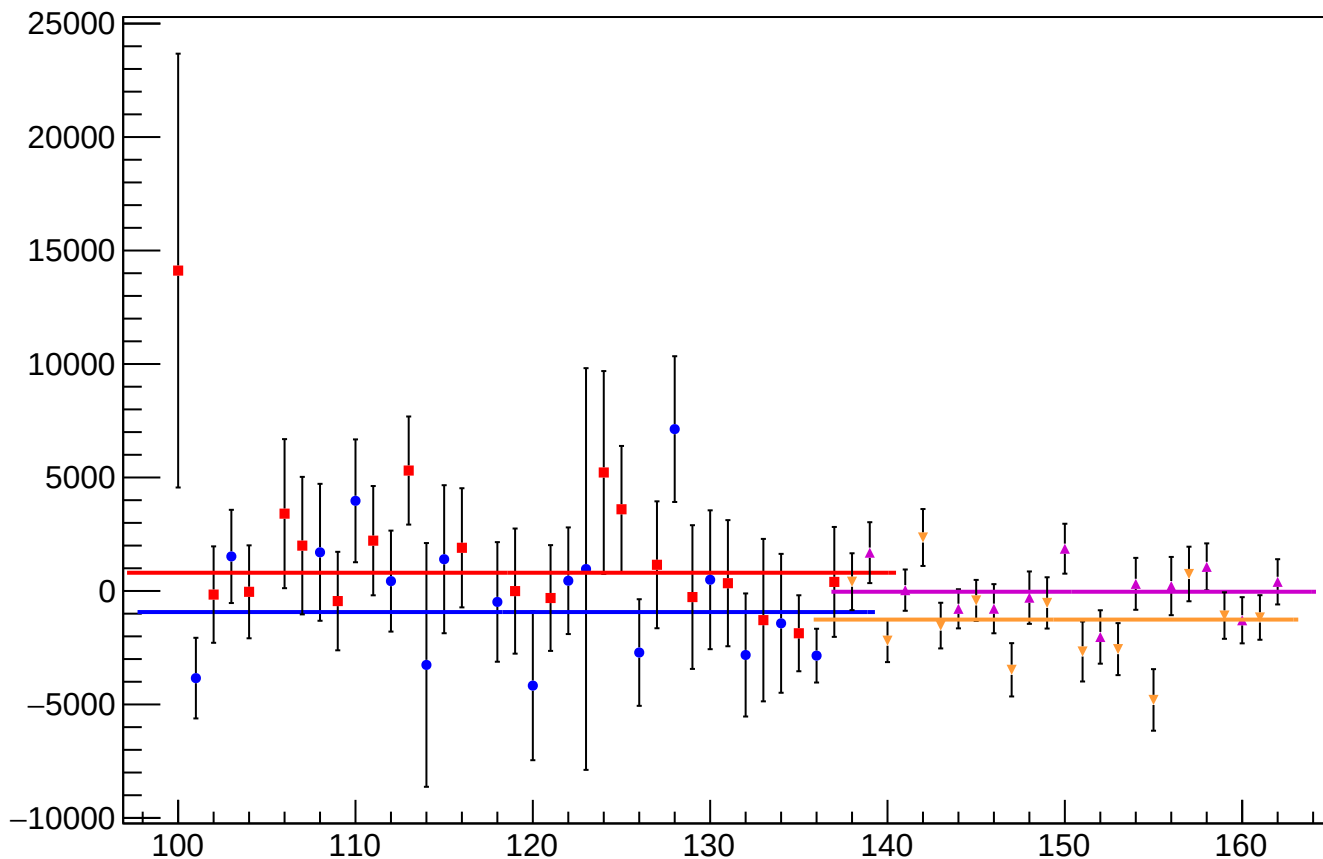
Right: 104.080 $\pm$ 0.020 χ^2/NDF : 757434.4/35

In: 95.924 $\pm$ 0.017 χ^2/NDF :501489.9/28

Out: 96.301 $\pm$ 0.017 χ^2/NDF :772978.7/31

All: 96.113 $\pm$ 0.012 χ^2/NDF : 1274720.2/60

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2 /NDF: 20.9/16

Left Out: -1260.757+/-306.096 χ^2 /NDF:28.0/12

Right Out: 802.855+/-593.810 χ^2 /NDF: 12.9/18

Left In: -34.450+/-308.003 χ^2 /NDF:11.8/11

Left: -651.412+/-217.114 χ^2 /NDF: 47.8/24

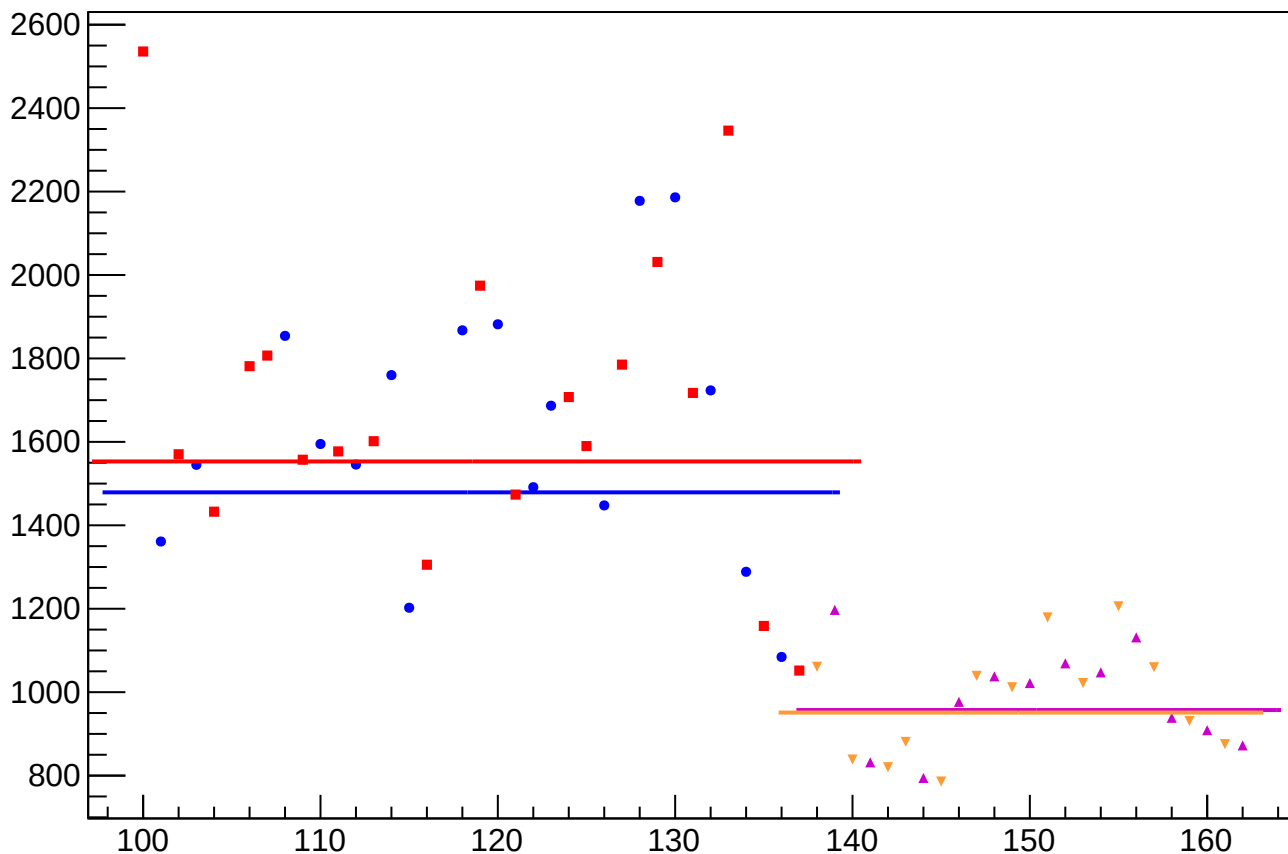
Right: -73.074+/-417.447 χ^2 /NDF: 38.0/35

In: -227.568+/-272.735 χ^2 /NDF:34.4/28

Out: -827.534+/-272.075 χ^2 /NDF:50.5/31

All: -528.278+/-192.619 χ^2 /NDF: 87.3/60

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 951.150+/-0.216 χ^2/NDF : 325847.0/12

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 957.181+/-0.218 χ^2/NDF : 277748.3/11

Left: 954.147+/-0.154 χ^2/NDF : 603981.1/24

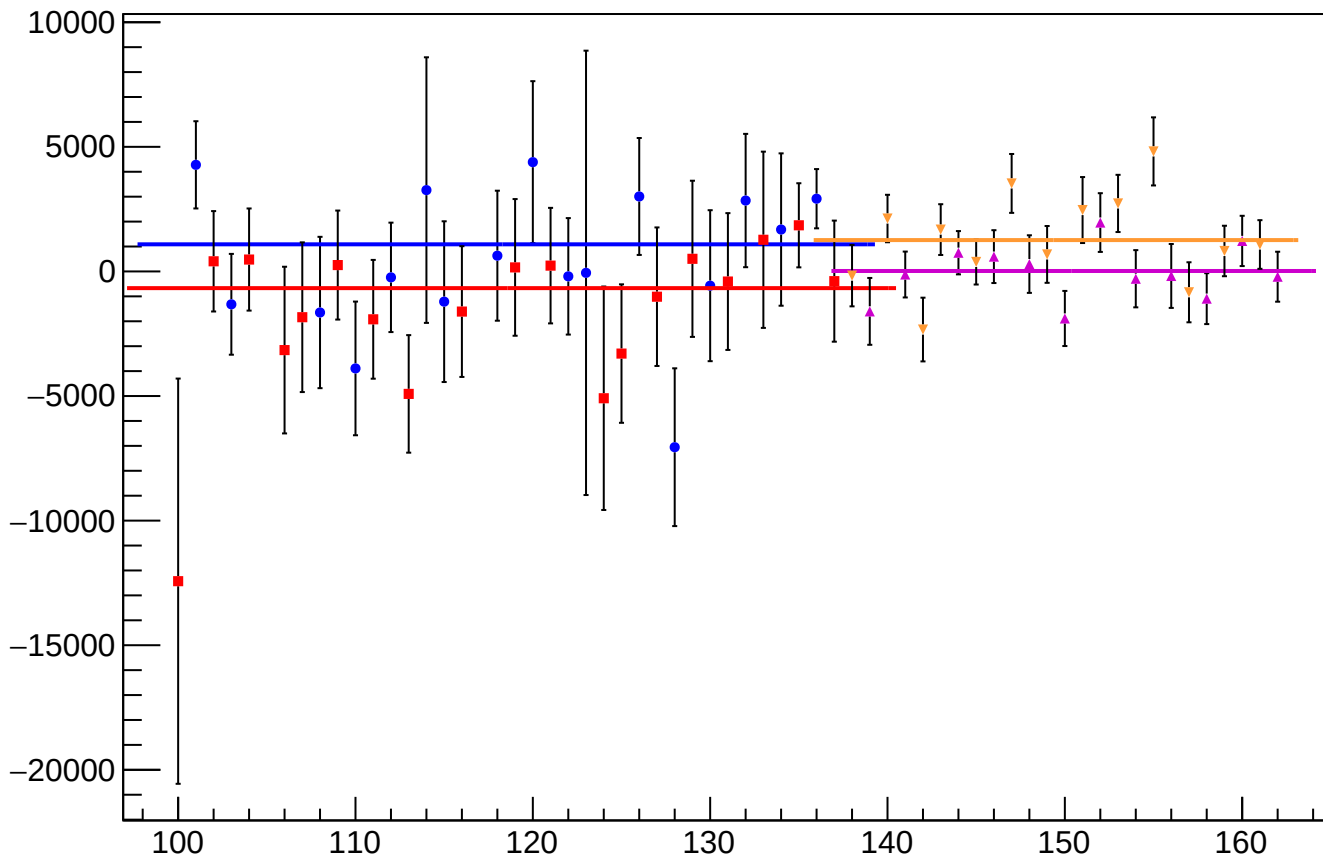
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1069.840+/-0.193 χ^2/NDF : 2106728.8/28

Out: 1077.514+/-0.192 χ^2/NDF : 2433242.5/31

All: 1073.686+/-0.136 χ^2/NDF : 4540764.9/60

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1258.169 $\pm$ 306.906 χ^2 /NDF:27.6/12

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 17.907 $\pm$ 308.028 χ^2 /NDF:11.0/11

Left: 640.302 $\pm$ 217.411 χ^2 /NDF: 46.7/24

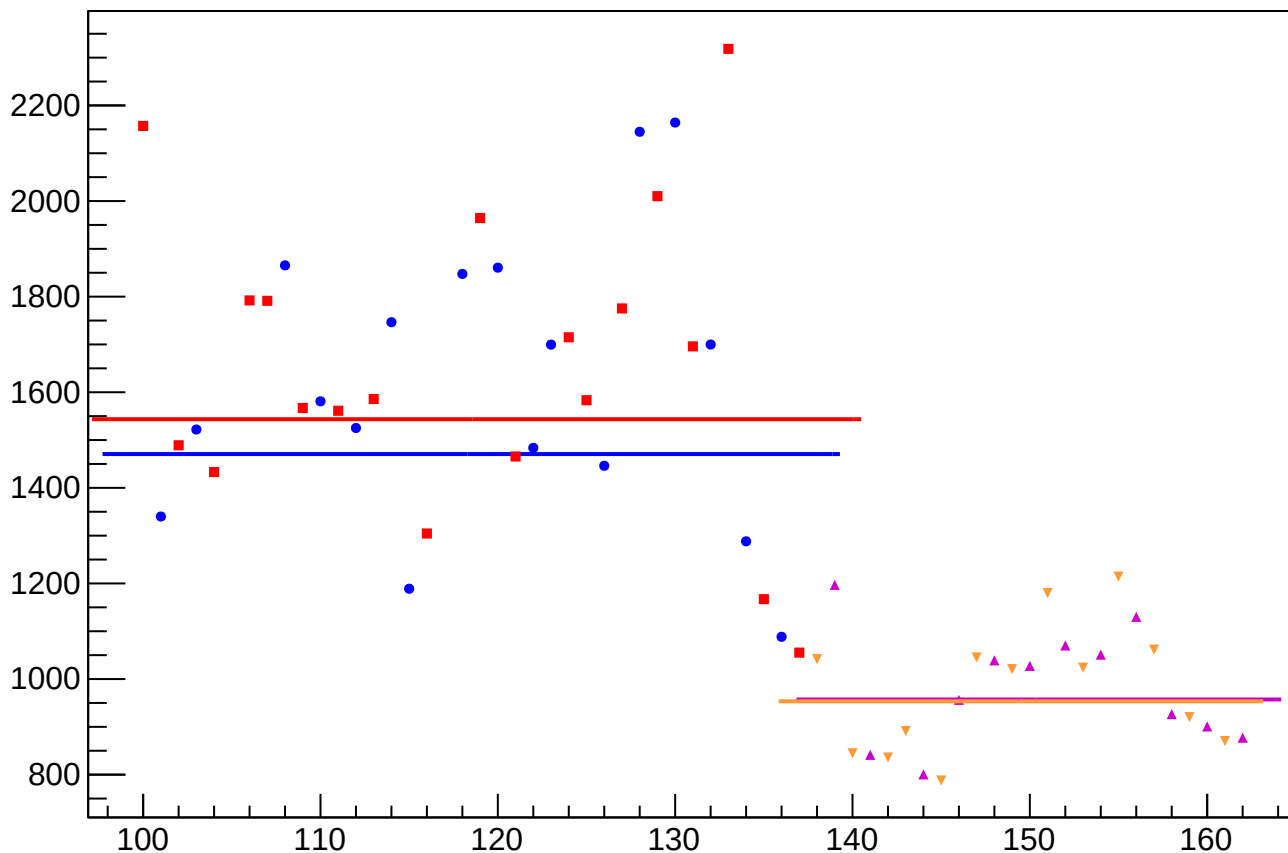
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 251.230 $\pm$ 272.385 χ^2 /NDF:35.5/28

Out: 847.495 $\pm$ 272.271 χ^2 /NDF:48.1/31

All: 549.487 $\pm$ 192.565 χ^2 /NDF: 85.9/60

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 953.388 $\pm$ 0.217 χ^2 /NDF: 318229.1/12

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 957.265 $\pm$ 0.218 χ^2 /NDF: 267548.4/11

Left: 955.320 $\pm$ 0.154 χ^2 /NDF: 585936.5/24

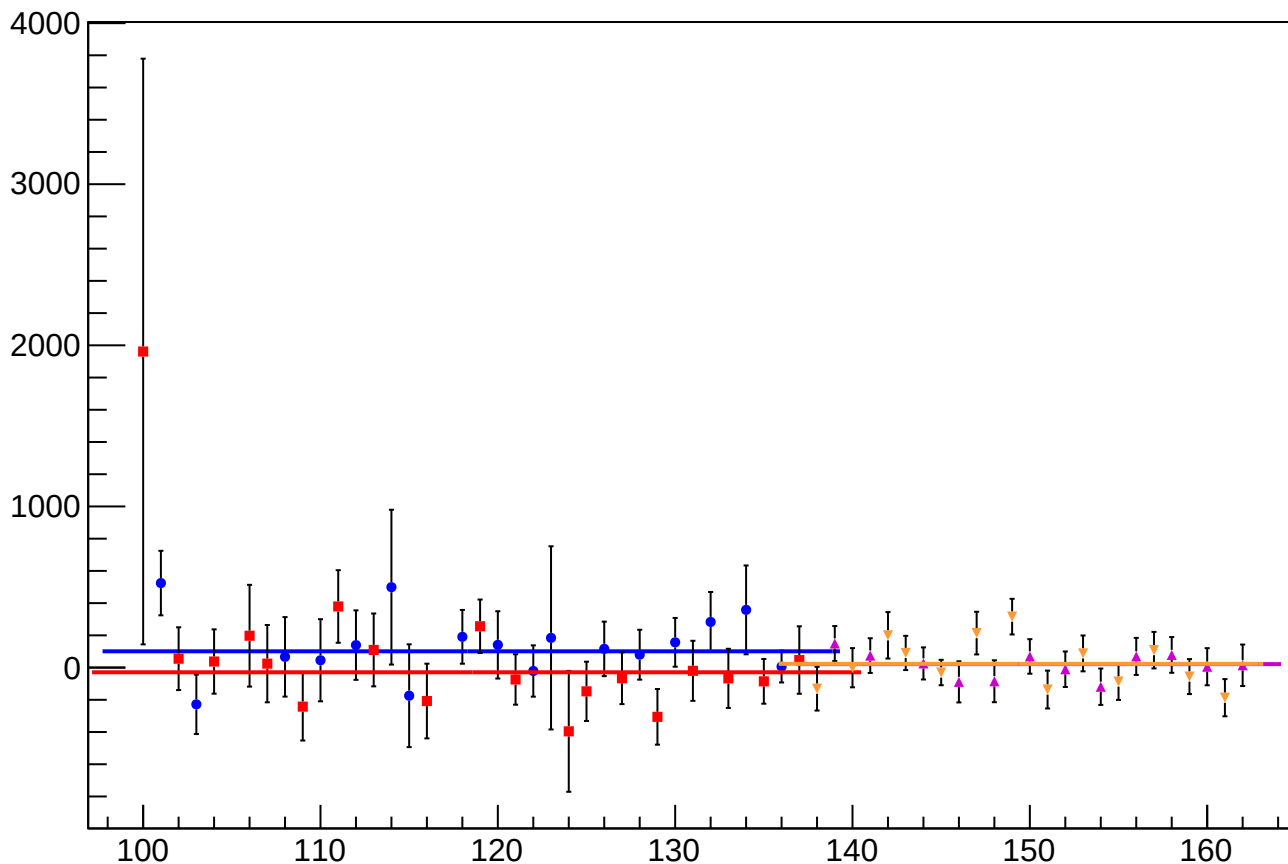
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1069.212 $\pm$ 0.193 χ^2 /NDF: 2046796.4/28

Out: 1079.082 $\pm$ 0.193 χ^2 /NDF: 2347666.0/31

All: 1074.149 $\pm$ 0.136 χ^2 /NDF: 4395775.7/60

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 23.216 $\pm$ 31.220 χ^2 /NDF:20.3/12

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 21.491 $\pm$ 32.734 χ^2 /NDF:5.3/11

Left: 22.395 $\pm$ 22.592 χ^2 /NDF: 25.7/24

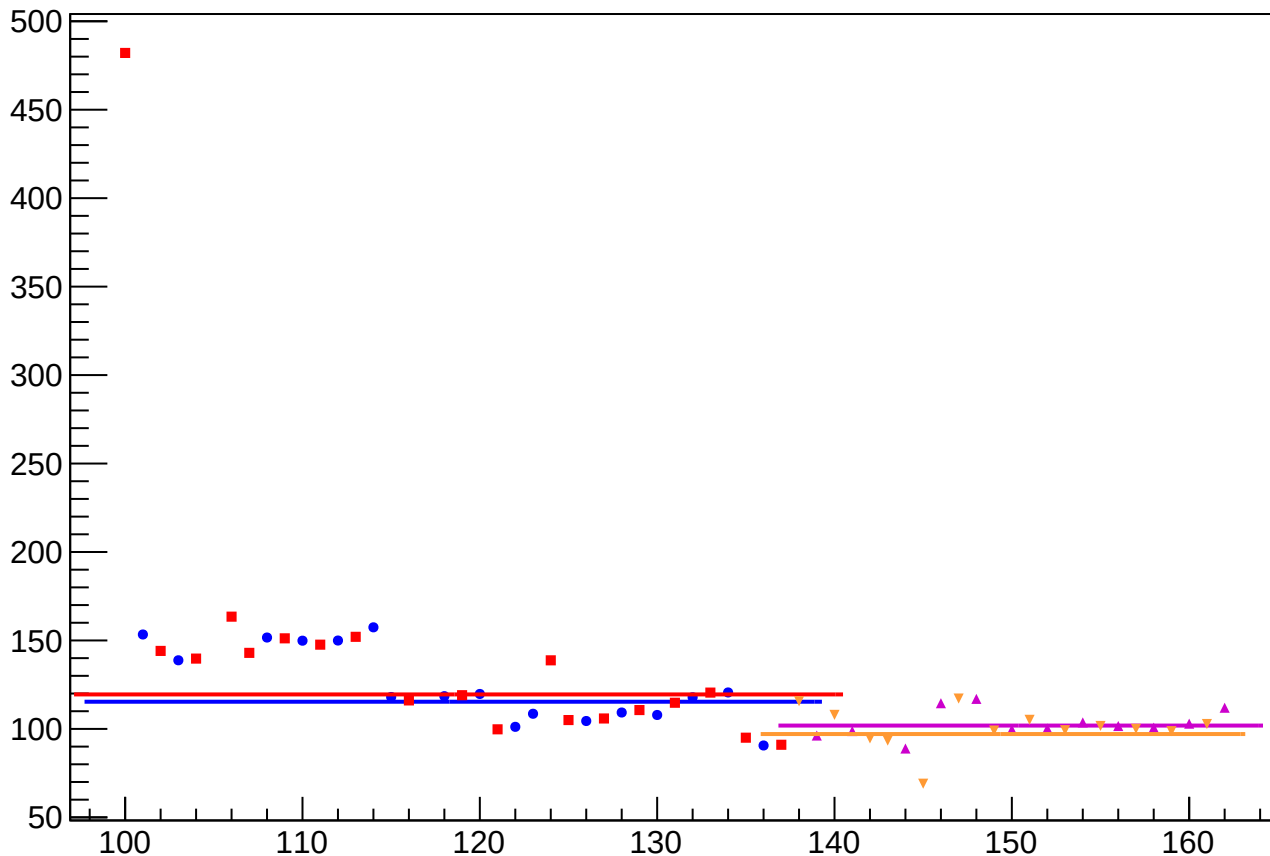
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 48.751 $\pm$ 26.529 χ^2 /NDF:20.4/28

Out: 6.551 $\pm$ 25.778 χ^2 /NDF:35.9/31

All: 27.045 $\pm$ 18.487 χ^2 /NDF: 57.6/60

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 $\chi^2/\text{NDF}: 411362.6/16$

Left Out: 97.098 ± 0.022 $\chi^2/\text{NDF}: 375937.0/12$

Right Out: 119.492 ± 0.032 $\chi^2/\text{NDF}: 477965.0/18$

Left In: 101.889 ± 0.023 $\chi^2/\text{NDF}: 101937.5/11$

Left: 99.380 ± 0.016 $\chi^2/\text{NDF}: 500314.6/24$

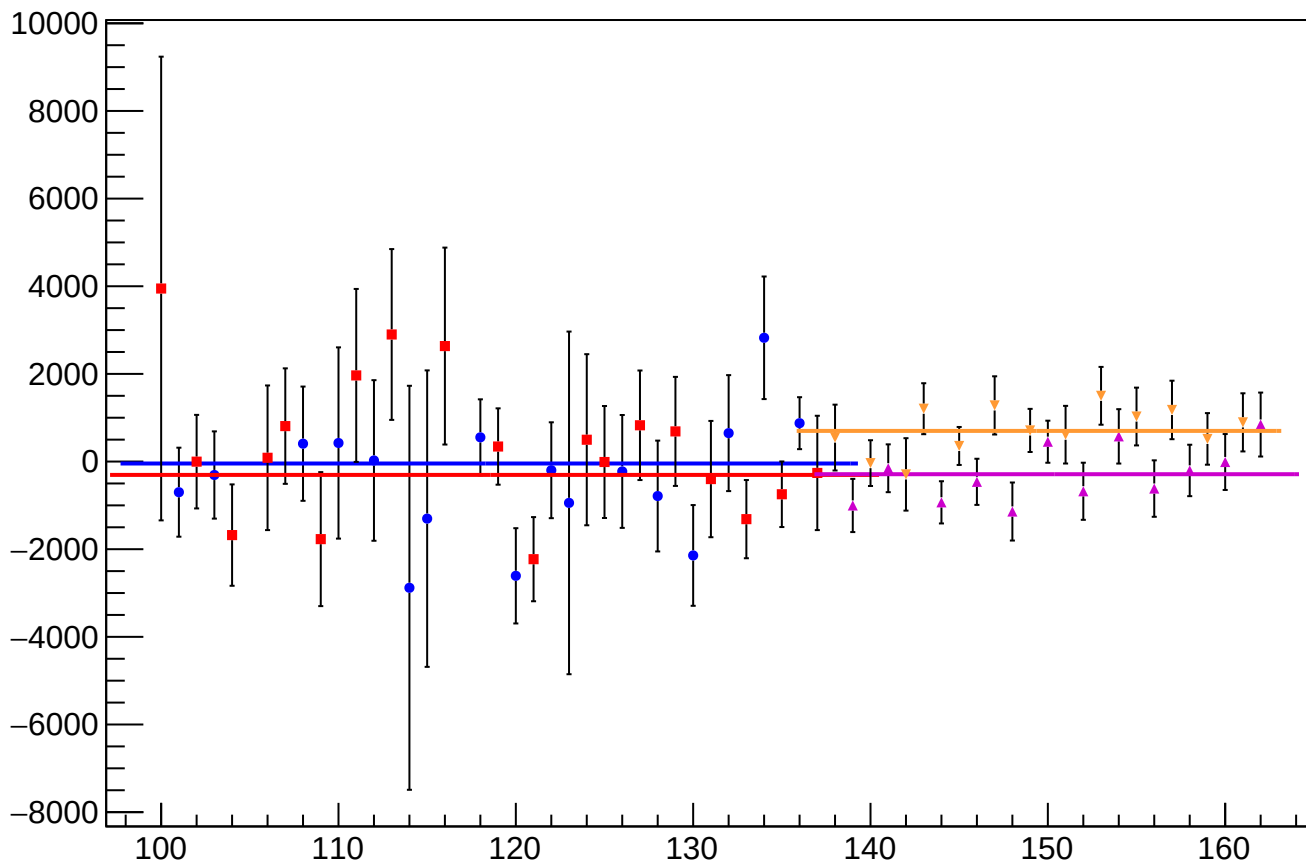
Right: 117.411 ± 0.023 $\chi^2/\text{NDF}: 897552.7/35$

In: 106.515 ± 0.019 $\chi^2/\text{NDF}: 629648.7/28$

Out: 104.224 ± 0.018 $\chi^2/\text{NDF}: 1181384.5/31$

All: 105.337 ± 0.013 $\chi^2/\text{NDF}: 1818700.8/60$

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 699.288 ± 166.908 χ^2/NDF : 8.1/12

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -288.870 ± 168.504 χ^2/NDF : 12.5/11

Left: 209.913 ± 118.582 χ^2/NDF : 38.0/24

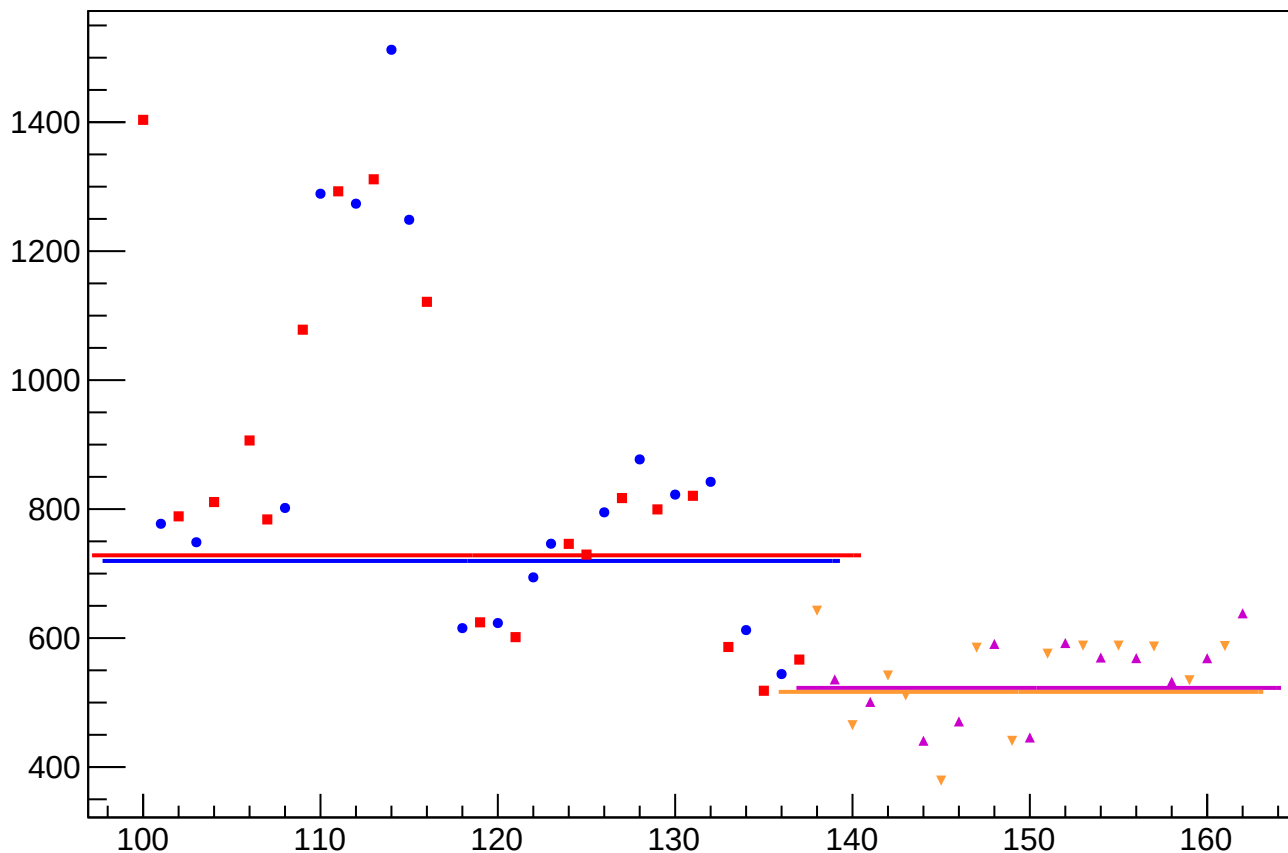
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -226.007 ± 145.217 χ^2/NDF : 31.0/28

Out: 439.765 ± 143.728 χ^2/NDF : 34.8/31

All: 110.310 ± 102.153 χ^2/NDF : 76.4/60

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 516.608 $\pm$ 0.118 χ^2 /NDF: 459004.0/12

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 522.742 $\pm$ 0.119 χ^2 /NDF: 259839.0/11

Left: 519.646 $\pm$ 0.084 χ^2 /NDF: 720180.7/24

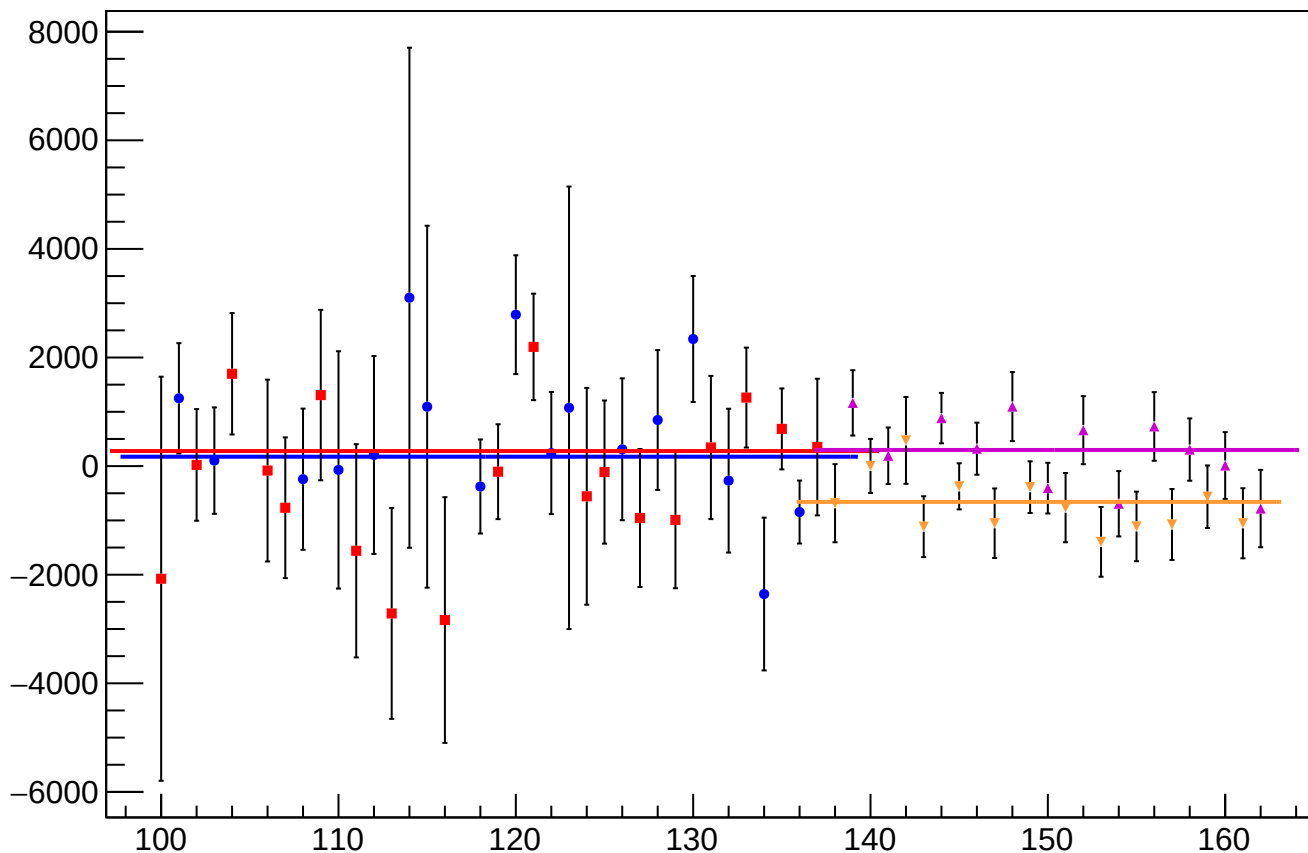
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 573.395 $\pm$ 0.103 χ^2 /NDF: 1709183.7/28

Out: 571.331 $\pm$ 0.102 χ^2 /NDF: 2204472.9/31

All: 572.352 $\pm$ 0.072 χ^2 /NDF: 3913860.6/60

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -659.241 $\pm$ 161.803 χ^2 /NDF:8.2/12

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 297.220 $\pm$ 162.261 χ^2 /NDF:13.6/11

Left: -182.364 $\pm$ 114.574 χ^2 /NDF: 39.3/24

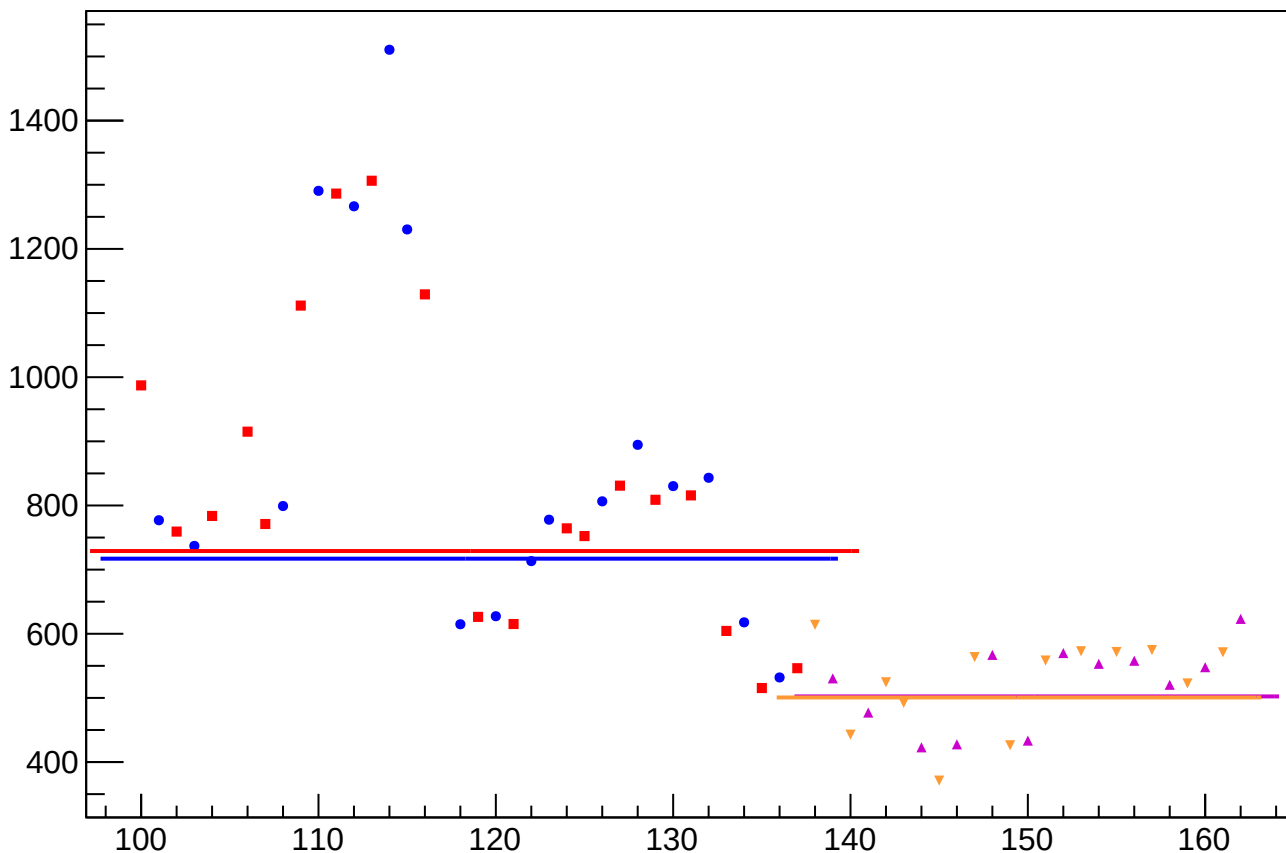
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 266.964 $\pm$ 141.090 χ^2 /NDF:31.8/28

Out: -428.219 $\pm$ 140.432 χ^2 /NDF:32.5/31

All: -82.254 $\pm$ 99.532 χ^2 /NDF: 76.6/60

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 500.678 $\pm$ 0.114 χ^2 /NDF: 451765.1/12

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 502.342 $\pm$ 0.115 χ^2 /NDF: 303950.9/11

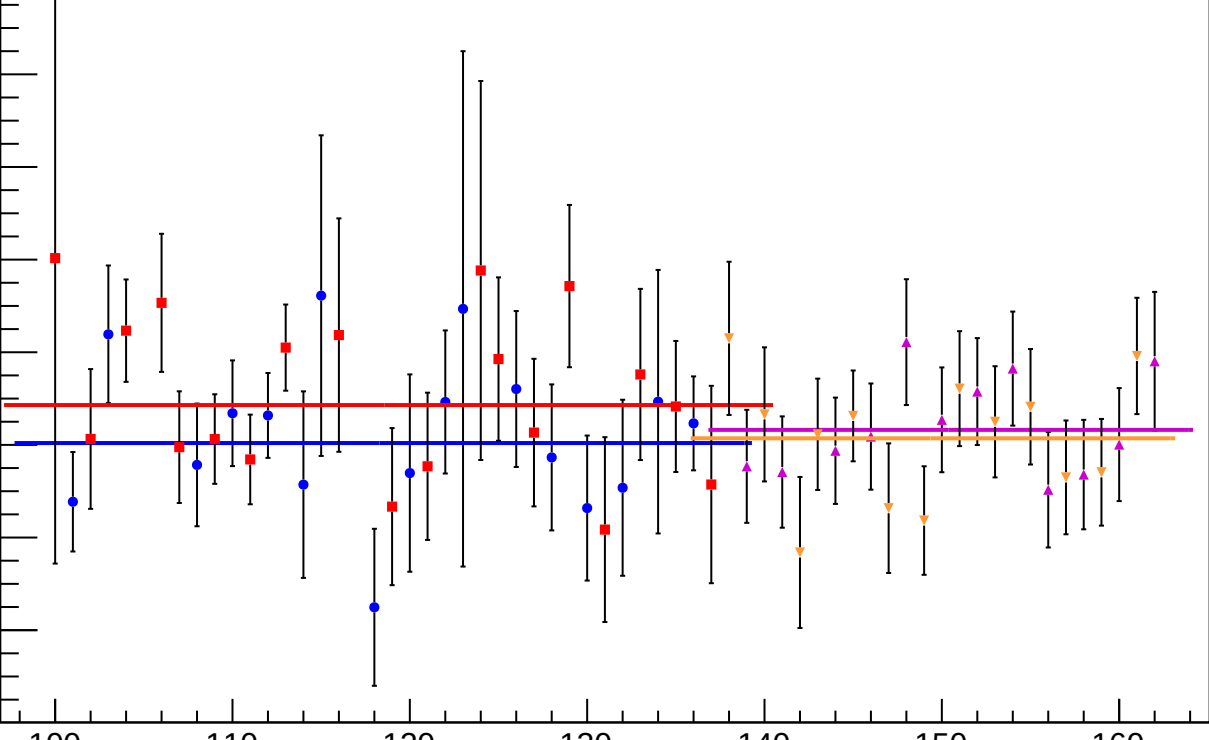
Left: 501.507 $\pm$ 0.081 χ^2 /NDF: 755821.5/24

Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 554.723 $\pm$ 0.100 χ^2 /NDF: 1940850.8/28

Out: 557.006 $\pm$ 0.099 χ^2 /NDF: 2324945.9/31

All: 555.870 $\pm$ 0.070 χ^2 /NDF: 4266059.7/60

[illegible]

Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: 14.265+/-34.856 $\chi^2/\text{NDF}: 11.8/12$

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 32.445+/-35.143 χ^2/NDF :7.6/11

Left: 23.280 ± 24.748 $\chi^2/\text{NDF}: 19.6/24$

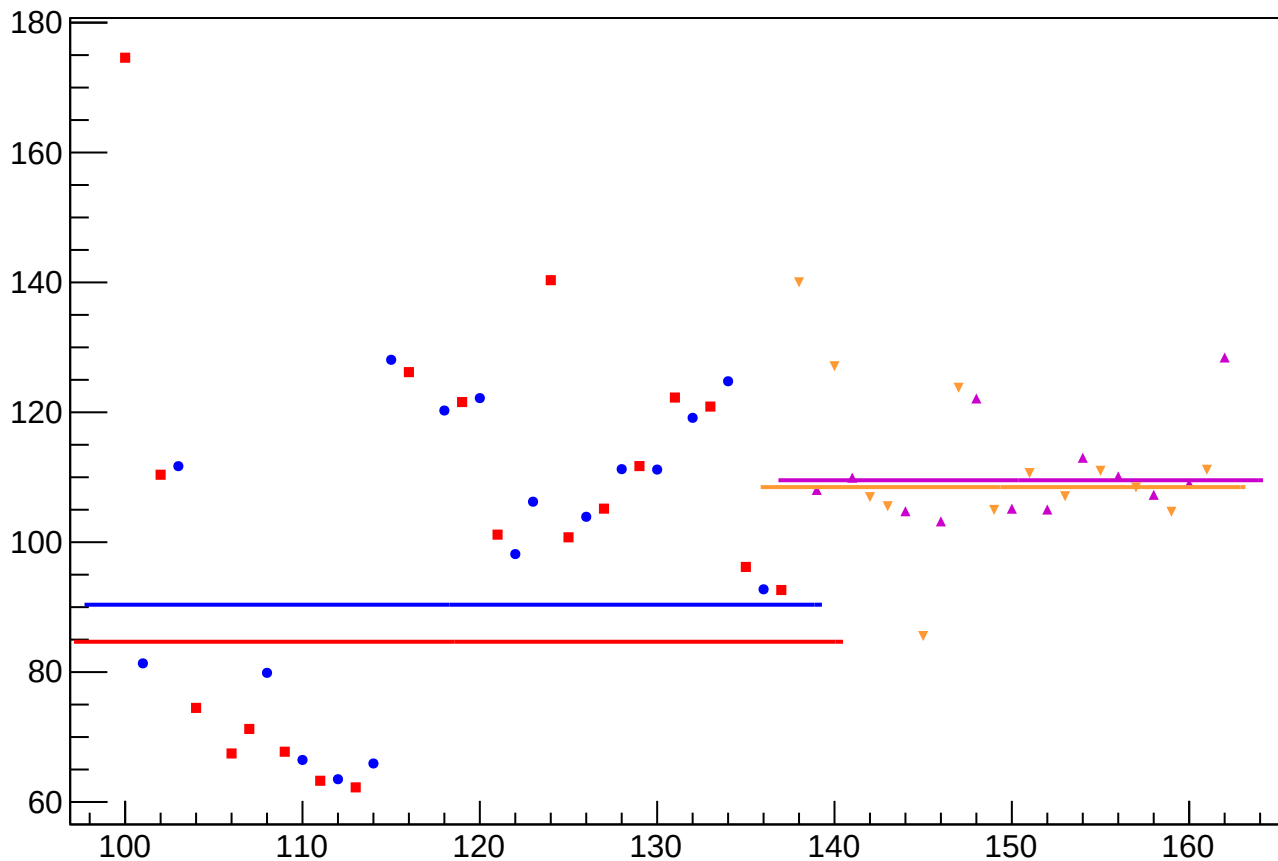
Right: 48.064+/-24.458 χ^2/NDF : 33.1/35

ln: 18.551+/-25.130 χ^2 /NDF:20.6/28

Out: 51.704+/-24.104 χ^2/NDF :31.6/31

All: 35.818 ± 17.396 χ^2/NDF : 53.2/60

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.486+/-0.025 χ^2/NDF : 247054.1/12

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 109.539+/-0.025 χ^2/NDF : 67331.6/11

Left: 109.008+/-0.017 χ^2/NDF : 315292.1/24

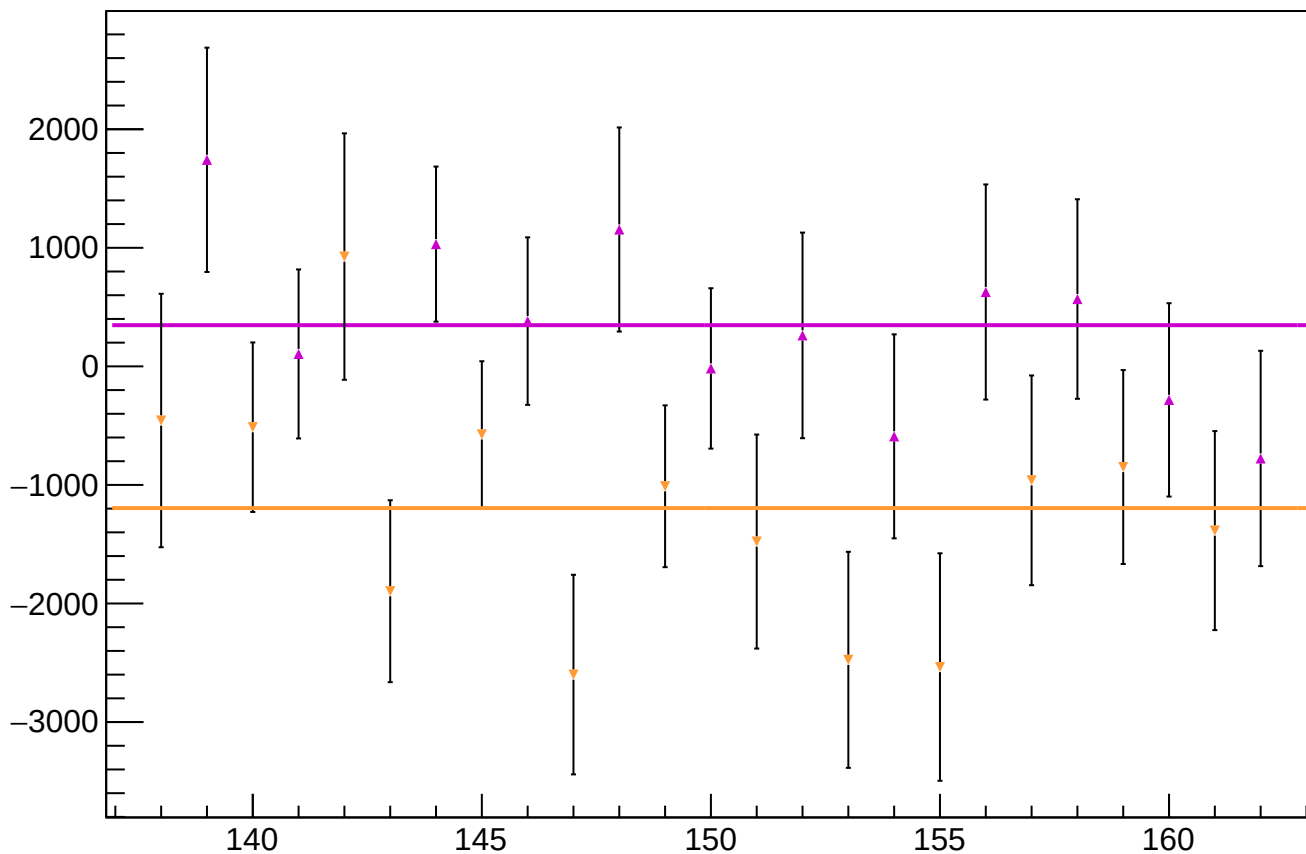
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 100.175+/-0.018 χ^2/NDF : 1012093.8/28

Out: 96.061+/-0.017 χ^2/NDF : 1642228.3/31

All: 98.032+/-0.012 χ^2/NDF : 2682237.6/60

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

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

Left In: 347.360+/-229.483 χ^2/NDF :8.0/11

Left: -431.264+/-161.492 χ^2/NDF : 45.4/24

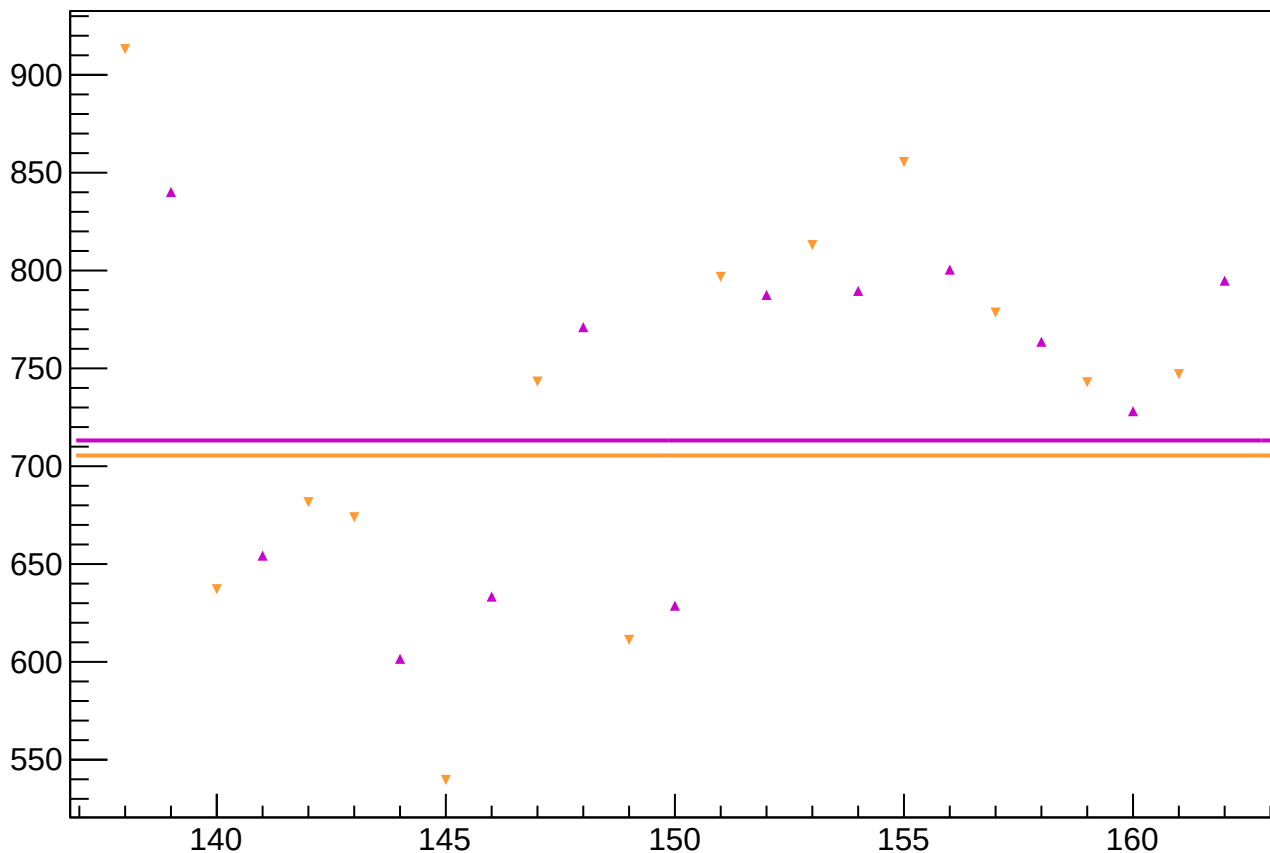
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 347.360+/-229.483 χ^2/NDF :8.0/11

Out: -1195.153+/-227.302 χ^2/NDF :14.6/12

All: -431.264+/-161.492 χ^2/NDF : 45.4/24

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 705.497+/-0.161 χ^2/NDF : 404732.0/12

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

Left In: 713.162+/-0.162 χ^2/NDF : 246714.3/11

Left: 709.293+/-0.114 χ^2/NDF : 652572.8/24

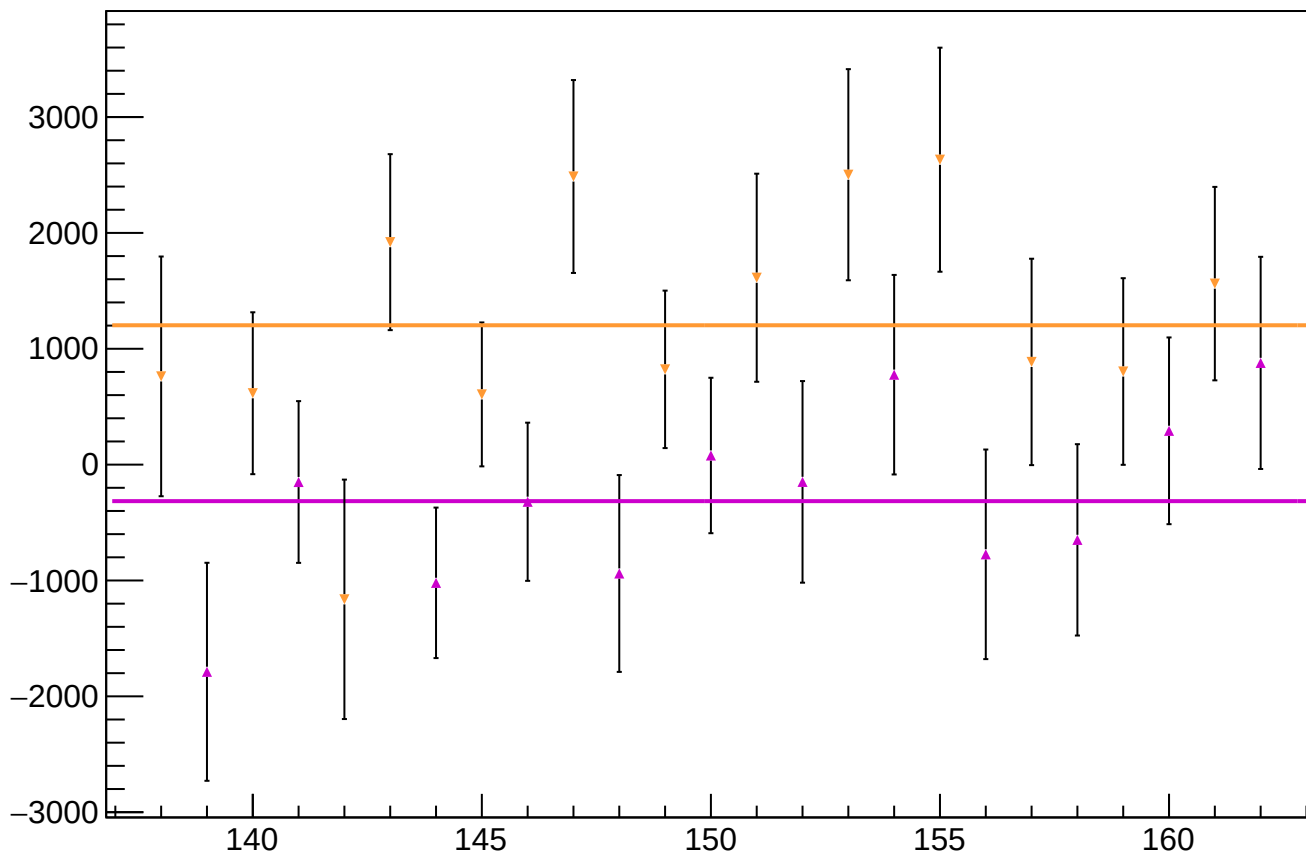
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.162+/-0.162 χ^2/NDF : 246714.3/11

Out: 705.497+/-0.161 χ^2/NDF : 404732.0/12

All: 709.293+/-0.114 χ^2/NDF : 652572.8/24

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1202.872 ± 225.855 $\chi^2/\text{NDF}: 15.6/12$

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

Left In: -315.131 ± 227.054 $\chi^2/\text{NDF}: 8.9/11$

Left: 447.889 ± 160.126 $\chi^2/\text{NDF}: 47.0/24$

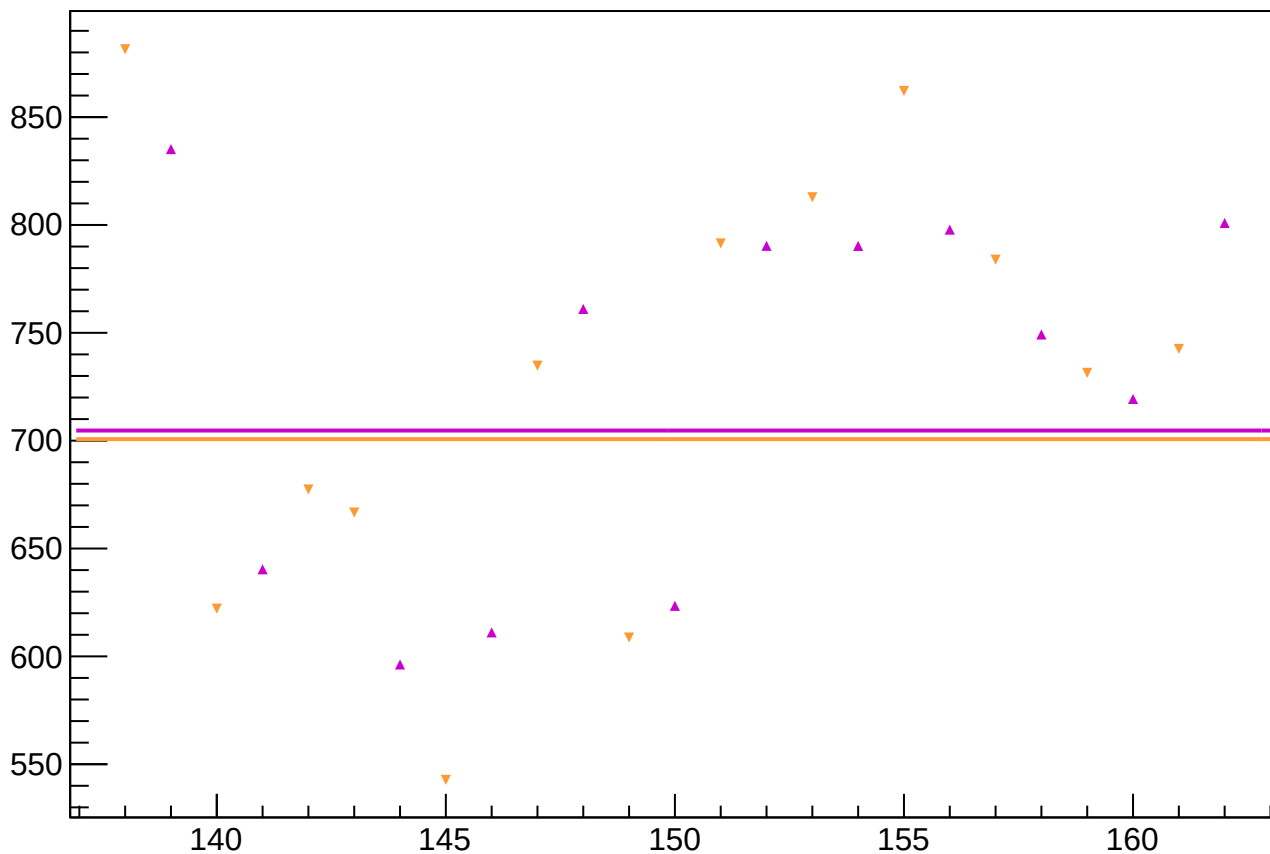
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -315.131 ± 227.054 $\chi^2/\text{NDF}: 8.9/11$

Out: 1202.872 ± 225.855 $\chi^2/\text{NDF}: 15.6/12$

All: 447.889 ± 160.126 $\chi^2/\text{NDF}: 47.0/24$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

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: 702.693+/-0.113 χ^2/NDF : 668728.2/24

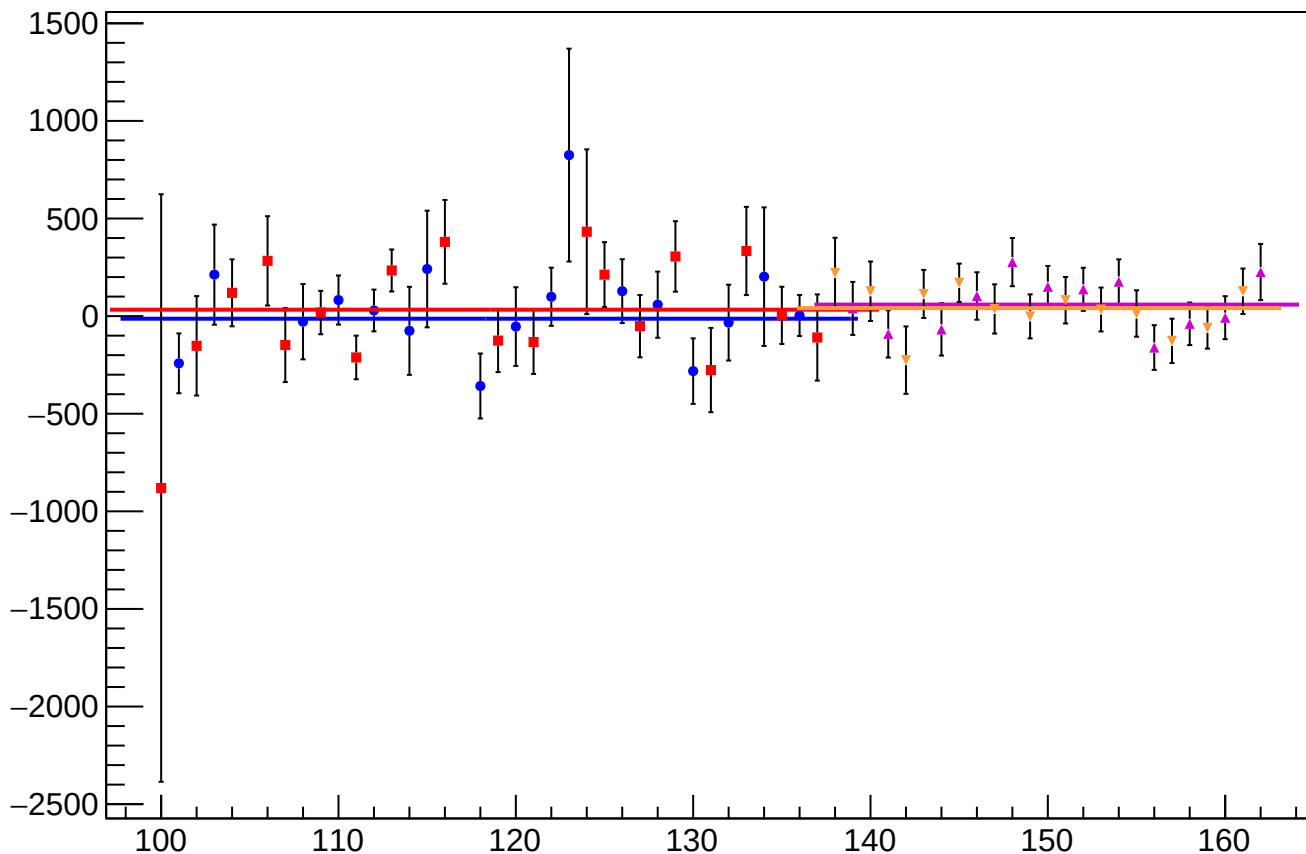
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Out: 700.709+/-0.160 χ^2/NDF :392546.9/12

All: 702.693+/-0.113 χ^2/NDF : 668728.2/24

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 40.745 ± 33.730 χ^2/NDF : 9.7/12

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 59.002 ± 34.322 χ^2/NDF : 14.2/11

Left: 49.715 ± 24.057 χ^2/NDF : 24.1/24

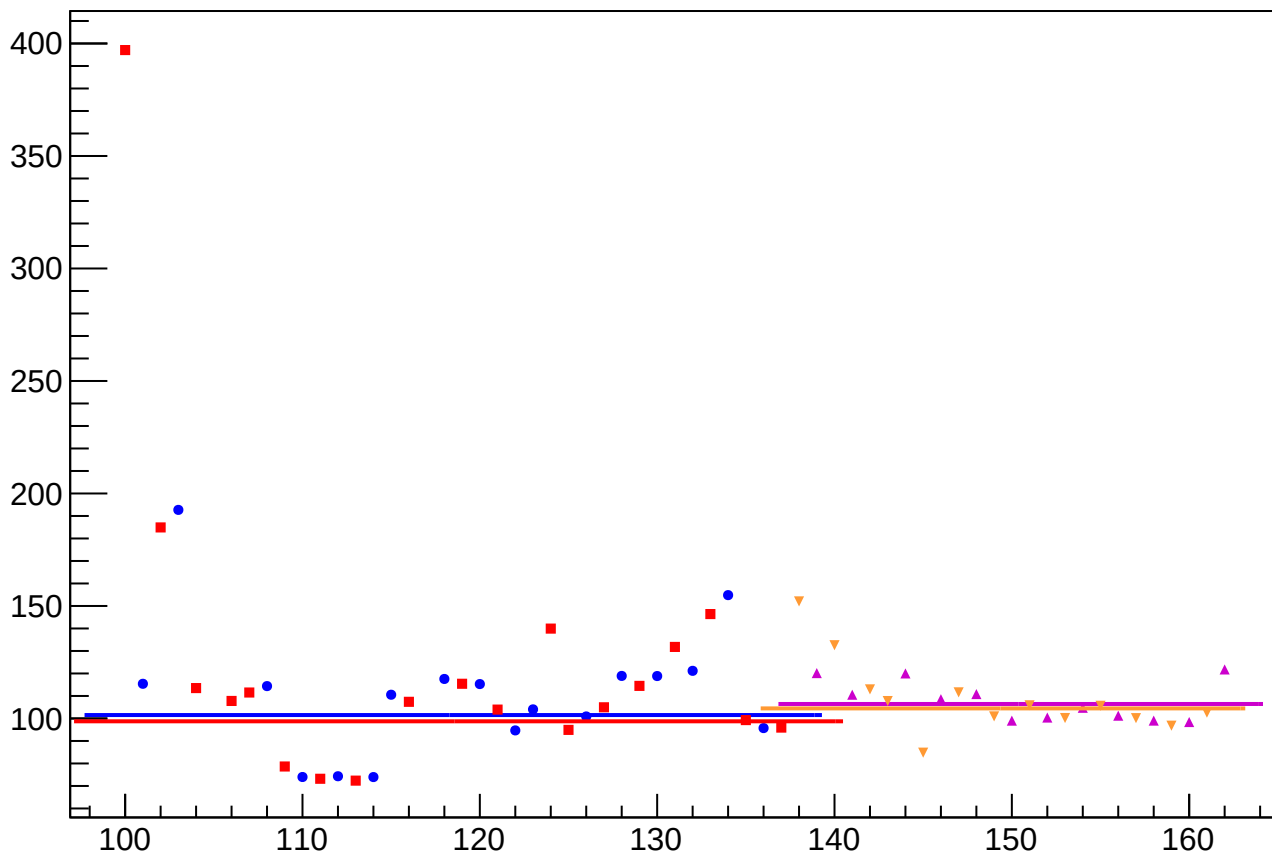
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 28.863 ± 26.199 χ^2/NDF : 31.7/28

Out: 37.430 ± 25.478 χ^2/NDF : 34.8/31

All: 33.266 ± 18.265 χ^2/NDF : 66.6/60

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF}: 681713.7/16$

Left Out: 104.473 ± 0.024 $\chi^2/\text{NDF}: 319654.6/12$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 106.439 ± 0.024 $\chi^2/\text{NDF}: 109121.5/11$

Left: 105.439 ± 0.017 $\chi^2/\text{NDF}: 432115.2/24$

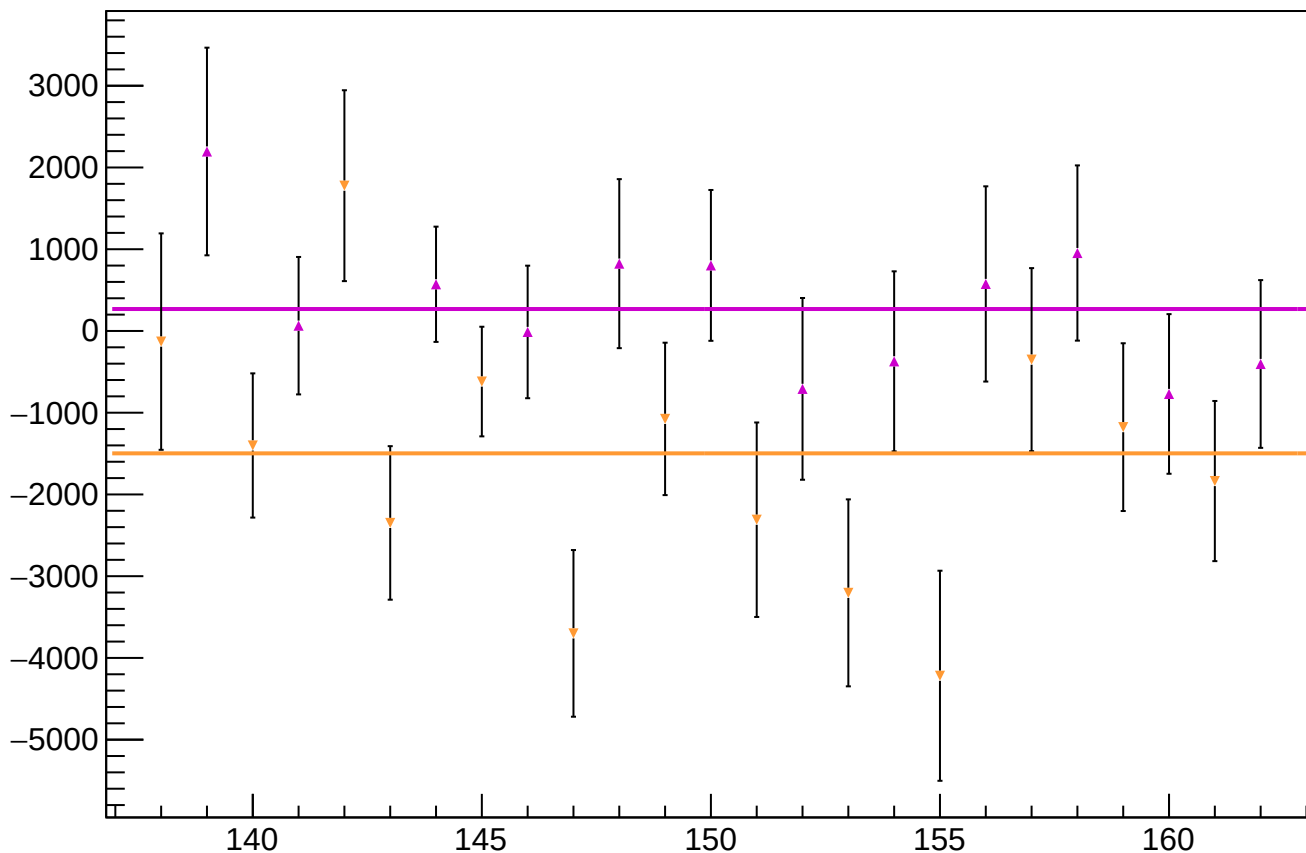
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 104.386 ± 0.019 $\chi^2/\text{NDF}: 807988.5/28$

Out: 102.009 ± 0.018 $\chi^2/\text{NDF}: 1170135.6/31$

All: 103.164 ± 0.013 $\chi^2/\text{NDF}: 1986583.5/60$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1497.267+/-278.156 χ^2/NDF :24.8/12

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

Left In: 268.485+/-278.623 χ^2/NDF :6.4/11

Left: -615.872+/-196.851 χ^2/NDF : 51.3/24

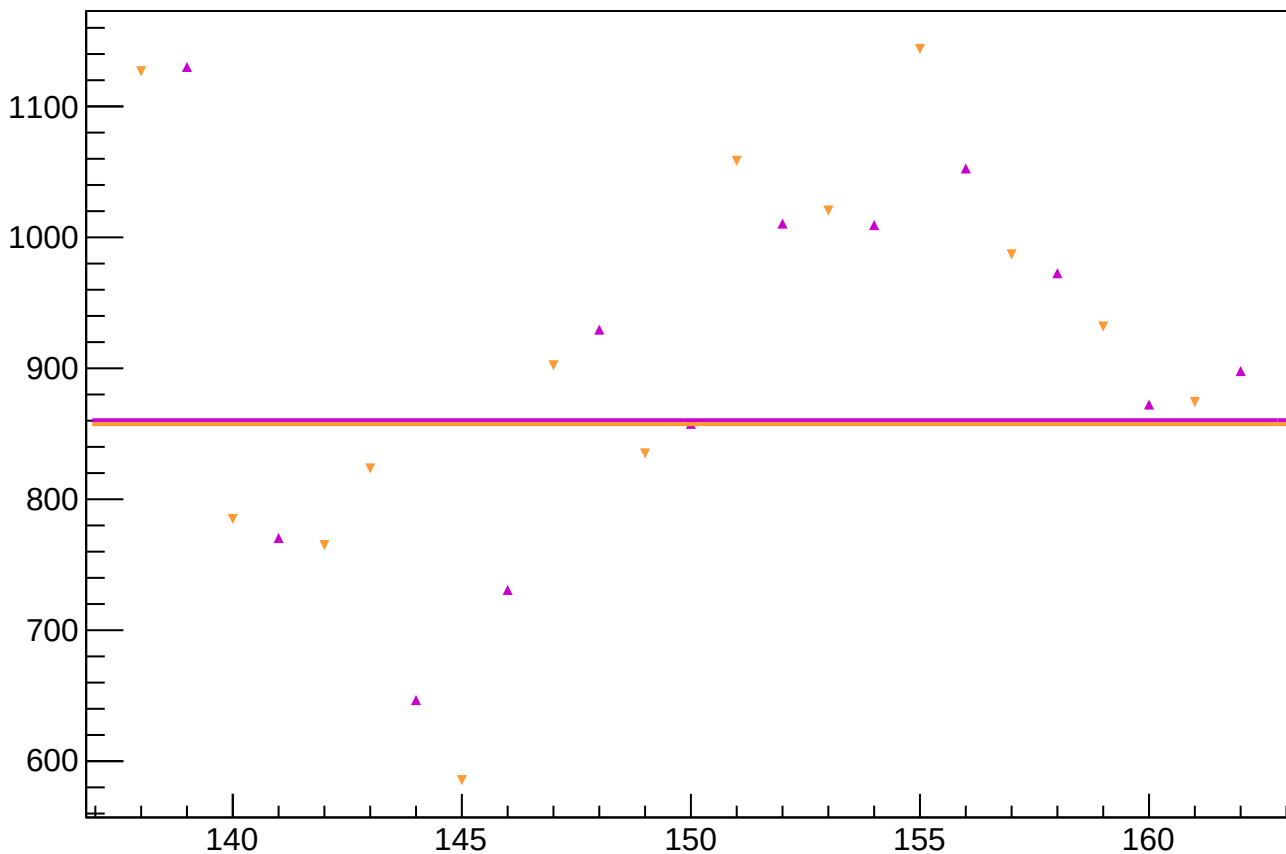
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.485+/-278.623 χ^2/NDF :6.4/11

Out: -1497.267+/-278.156 χ^2/NDF :24.8/12

All: -615.872+/-196.851 χ^2/NDF : 51.3/24

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 857.338+/-0.197 χ^2/NDF : 680489.2/12

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

Left In: 860.335+/-0.197 χ^2/NDF : 506714.7/11

Left: 858.834+/-0.139 χ^2/NDF : 1187319.9/24

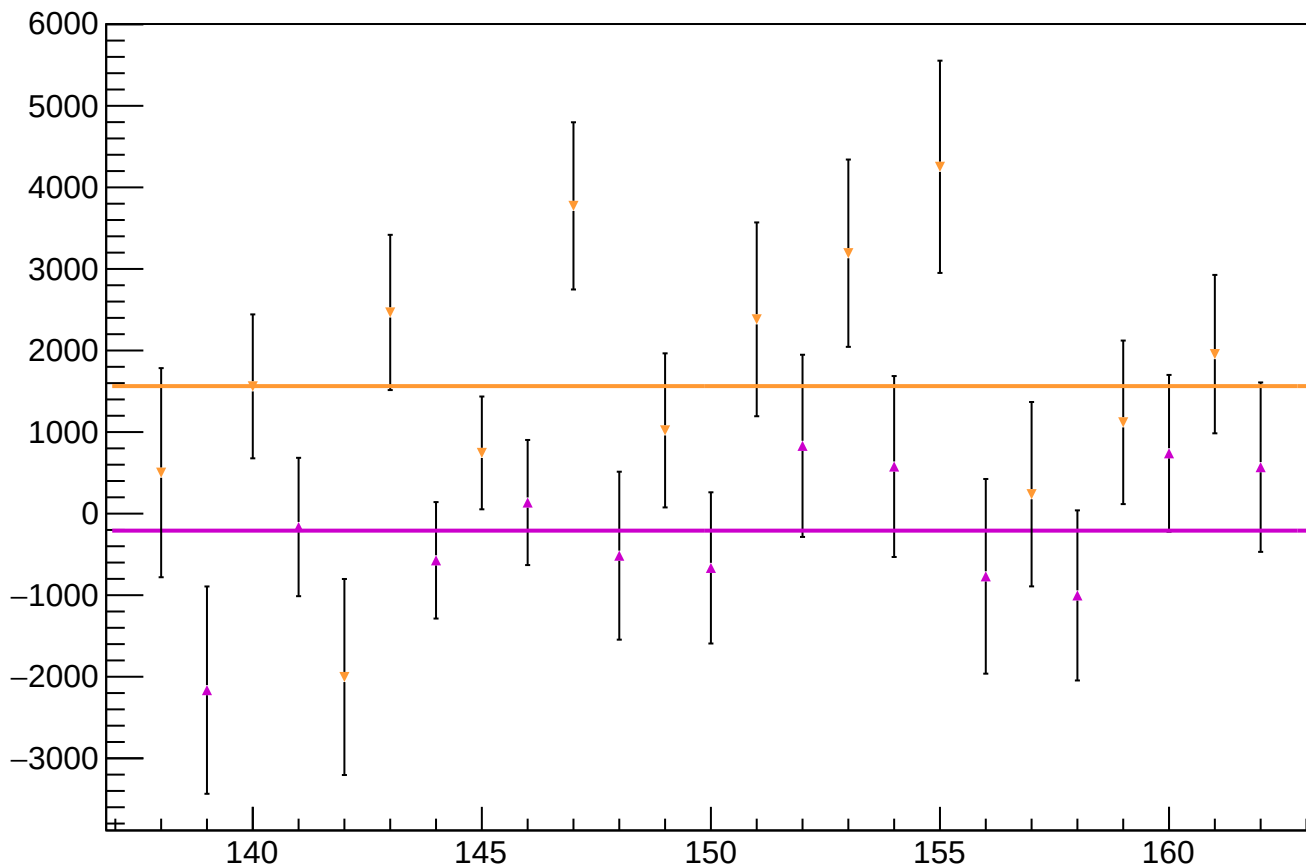
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 860.335+/-0.197 χ^2/NDF : 506714.7/11

Out: 857.338+/-0.197 χ^2/NDF : 680489.2/12

All: 858.834+/-0.139 χ^2/NDF : 1187319.9/24

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1563.474+/-280.069 χ^2/NDF :25.3/12

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: 668.002+/-196.979 χ^2/NDF : 52.4/24

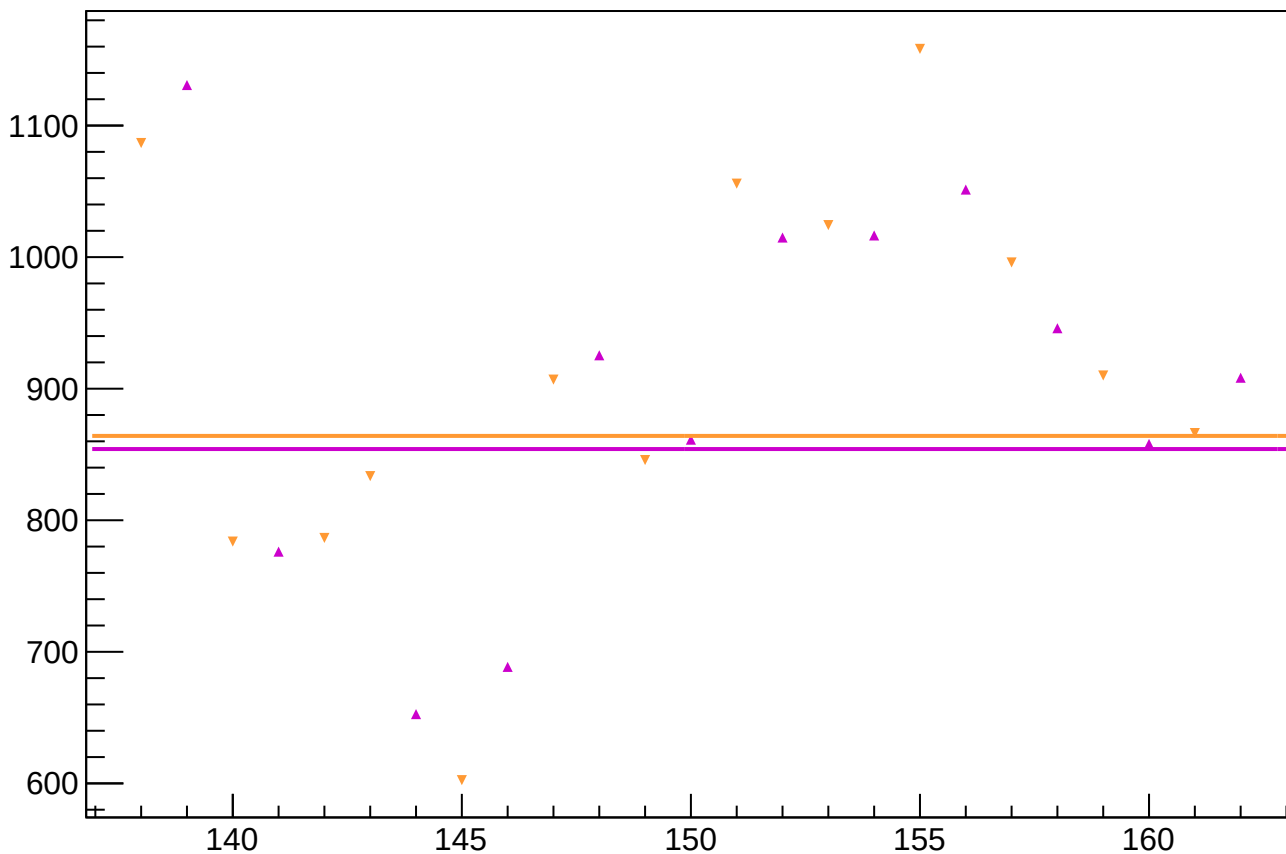
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.567+/-277.097 χ^2/NDF :6.9/11

Out: 1563.474+/-280.069 χ^2/NDF :25.3/12

All: 668.002+/-196.979 χ^2/NDF : 52.4/24

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 864.113+/-0.198 χ^2/NDF : 602508.9/12

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: 859.067+/-0.139 χ^2/NDF : 1137462.6/24

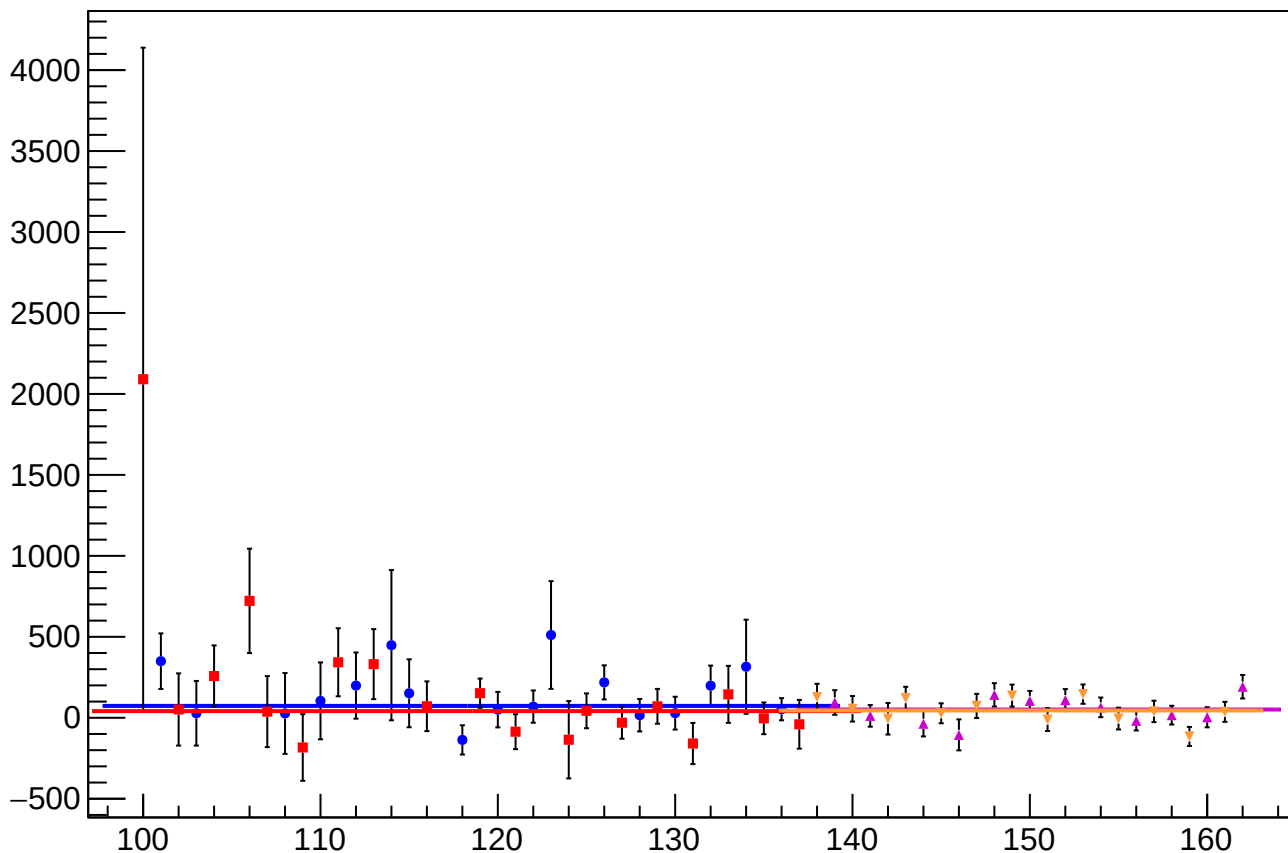
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Out: 864.113+/-0.198 χ^2/NDF : 602508.9/12

All: 859.067+/-0.139 χ^2/NDF : 1137462.6/24

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 45.162 $\pm$ 19.035 χ^2 /NDF:16.0/12

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 51.006 $\pm$ 19.466 χ^2 /NDF:13.8/11

Left: 48.019 $\pm$ 13.610 χ^2 /NDF: 29.8/24

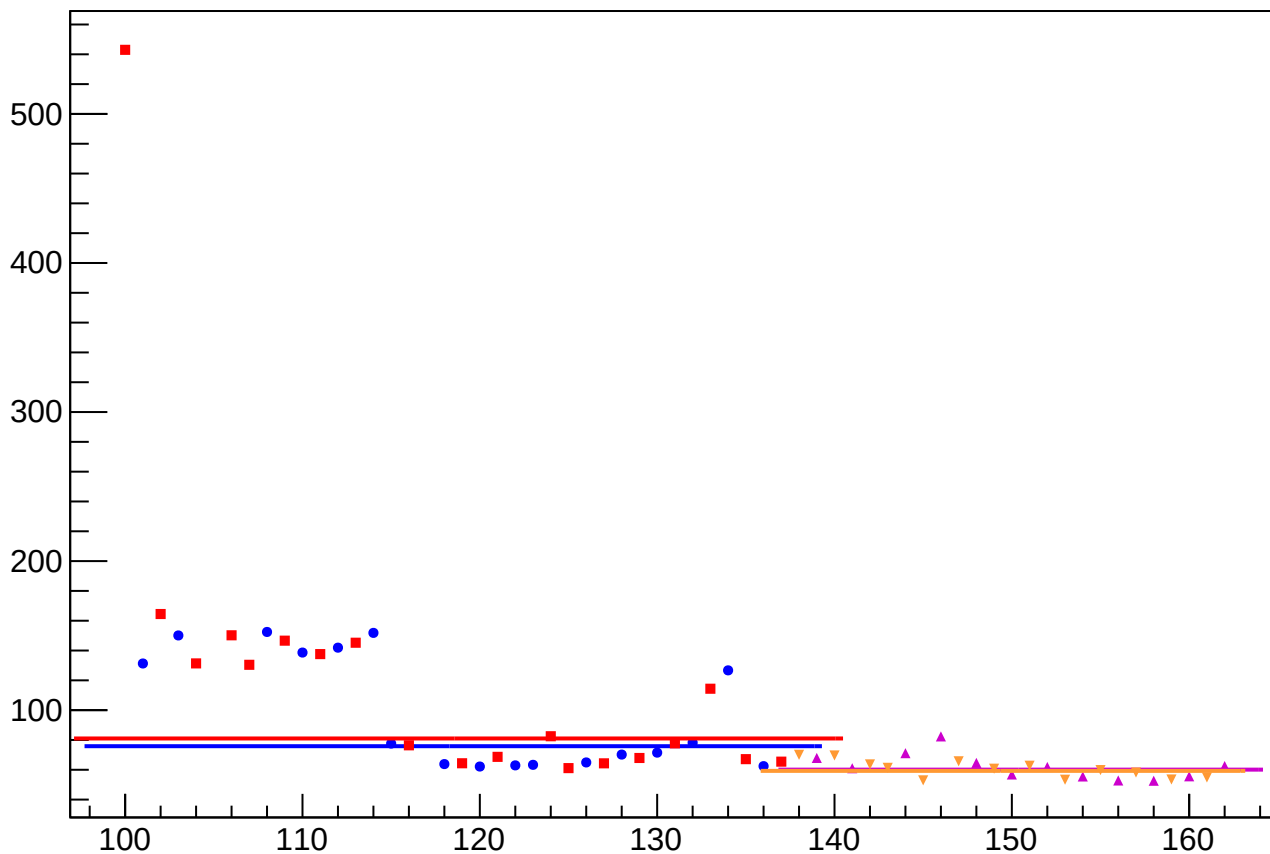
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 57.335 $\pm$ 16.495 χ^2 /NDF:29.4/28

Out: 44.141 $\pm$ 16.456 χ^2 /NDF:35.2/31

All: 50.722 $\pm$ 11.650 χ^2 /NDF: 65.0/60

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 59.262 $\pm$ 0.013 χ^2/NDF :166241.2/12

Right Out: 80.999 $\pm$ 0.023 χ^2/NDF : 1627899.8/18

Left In: 60.098 $\pm$ 0.014 χ^2/NDF :271281.2/11

Left: 59.670 $\pm$ 0.010 χ^2/NDF : 439407.0/24

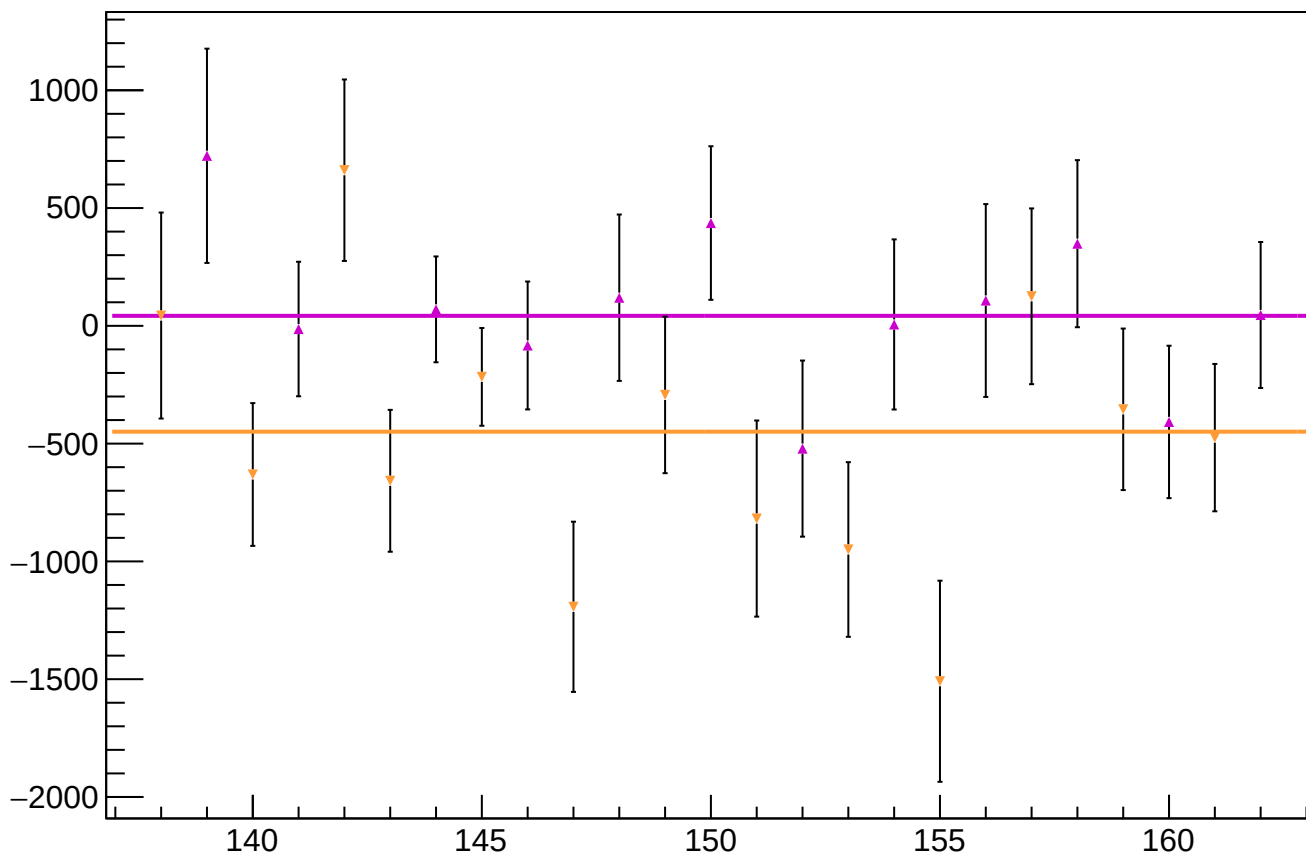
Right: 78.273 $\pm$ 0.016 χ^2/NDF : 3004207.0/35

In: 64.531 $\pm$ 0.012 χ^2/NDF :1989164.1/28

Out: 64.753 $\pm$ 0.012 χ^2/NDF :2453043.4/31

All: 64.643 $\pm$ 0.008 χ^2/NDF : 4442388.8/60

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -449.327+/-91.947 χ^2/NDF : 27.3/12

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

Left In: 42.463+/-92.589 χ^2/NDF : 9.0/11

Left: -205.142+/-65.242 χ^2/NDF : 50.6/24

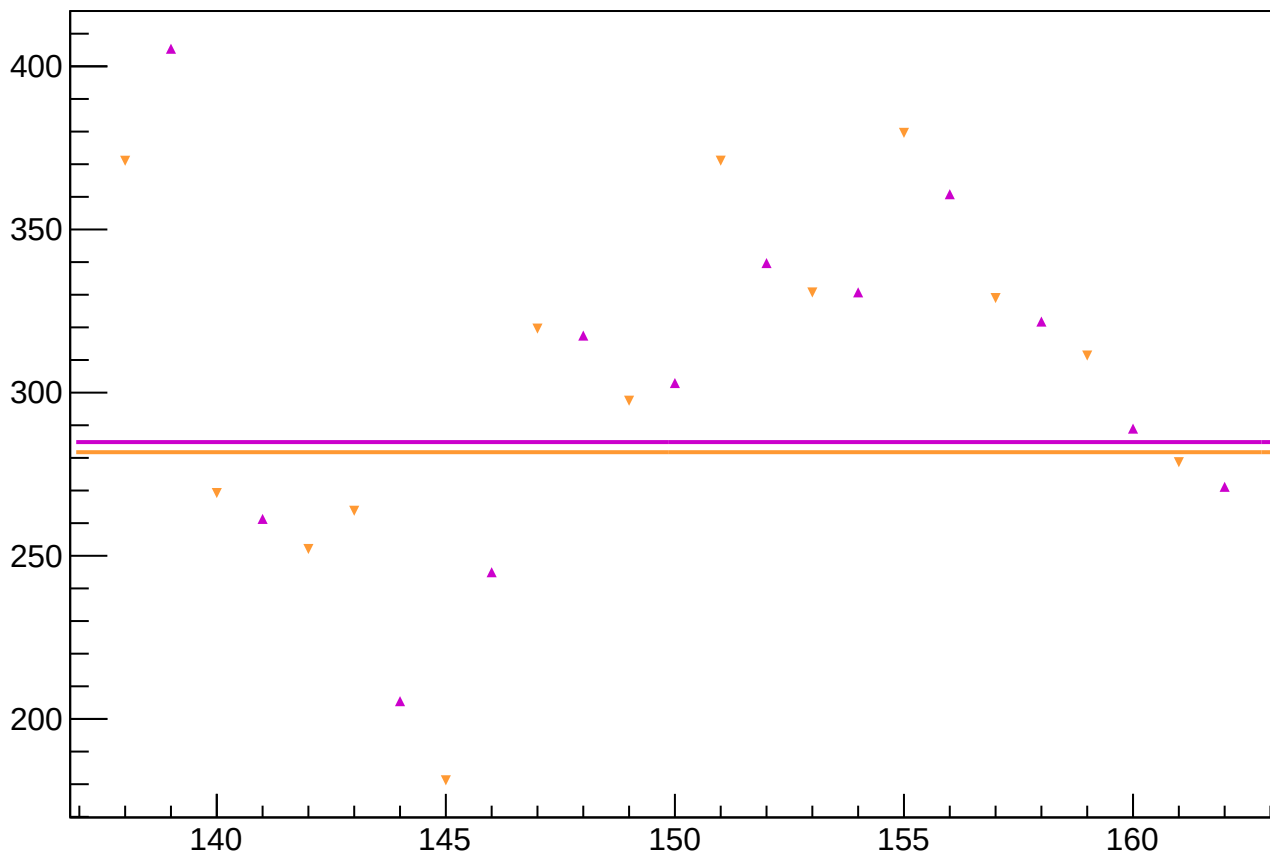
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.463+/-92.589 χ^2/NDF : 9.0/11

Out: -449.327+/-91.947 χ^2/NDF : 27.3/12

All: -205.142+/-65.242 χ^2/NDF : 50.6/24

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

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

Left In: 284.843+/-0.065 χ^2/NDF :640749.3/11

Left: 283.285+/-0.046 χ^2/NDF : 1522996.2/24

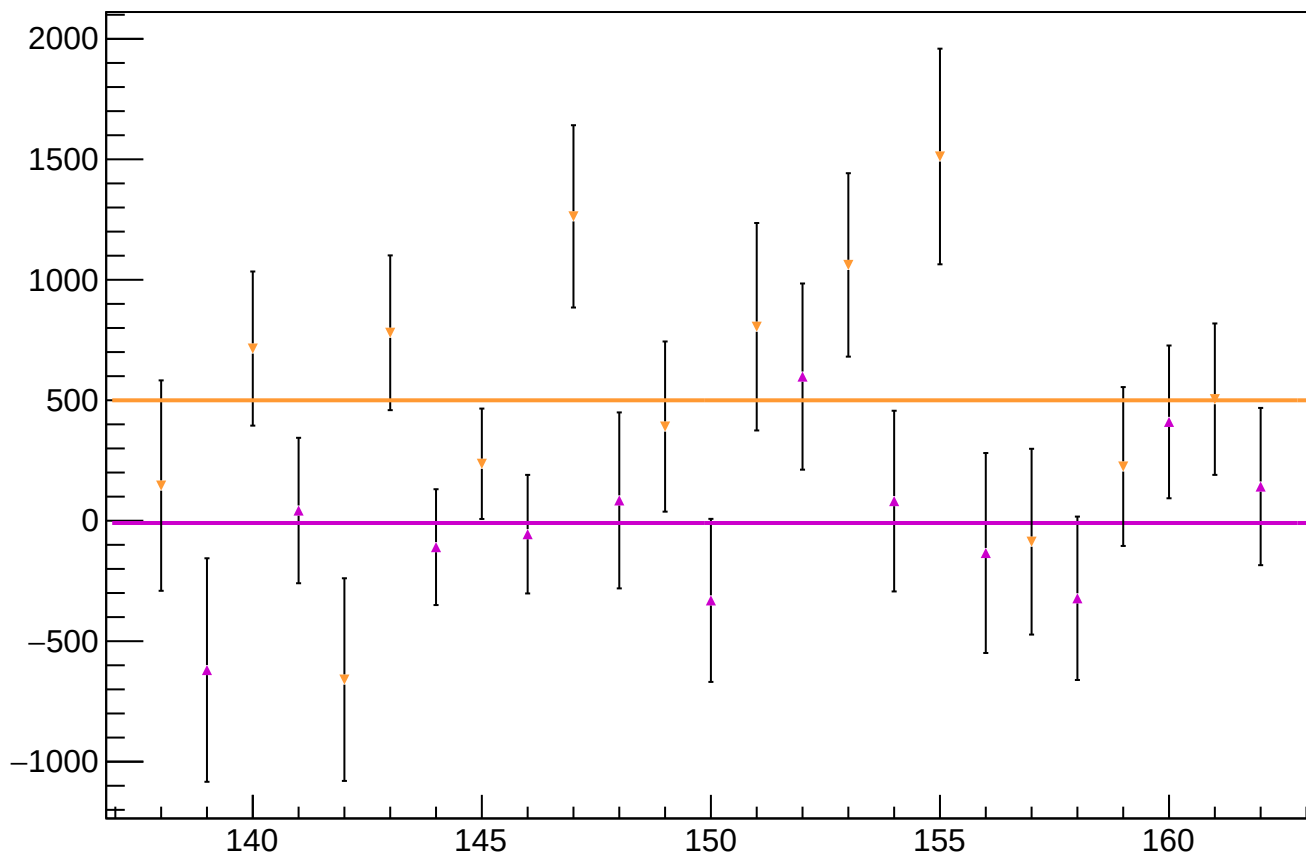
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.843+/-0.065 χ^2/NDF :640749.3/11

Out: 281.747+/-0.065 χ^2/NDF :881120.8/12

All: 283.285+/-0.046 χ^2/NDF : 1522996.2/24

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 499.786+/-96.328 χ^2/NDF :25.8/12

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: 238.792+/-67.251 χ^2/NDF : 48.5/24

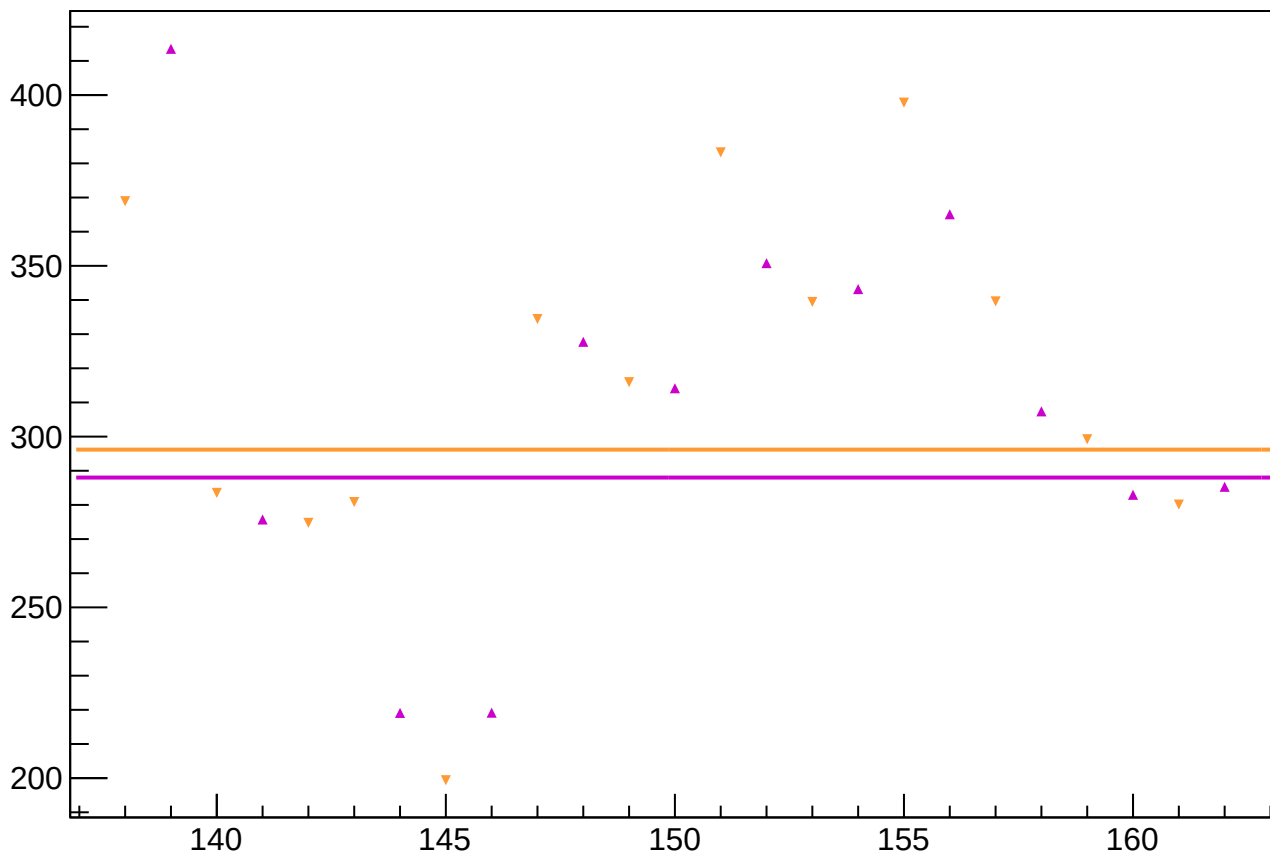
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.388+/-93.933 χ^2/NDF :8.4/11

Out: 499.786+/-96.328 χ^2/NDF :25.8/12

All: 238.792+/-67.251 χ^2/NDF : 48.5/24

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

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: 291.999+/-0.048 χ^2/NDF : 1379653.3/24

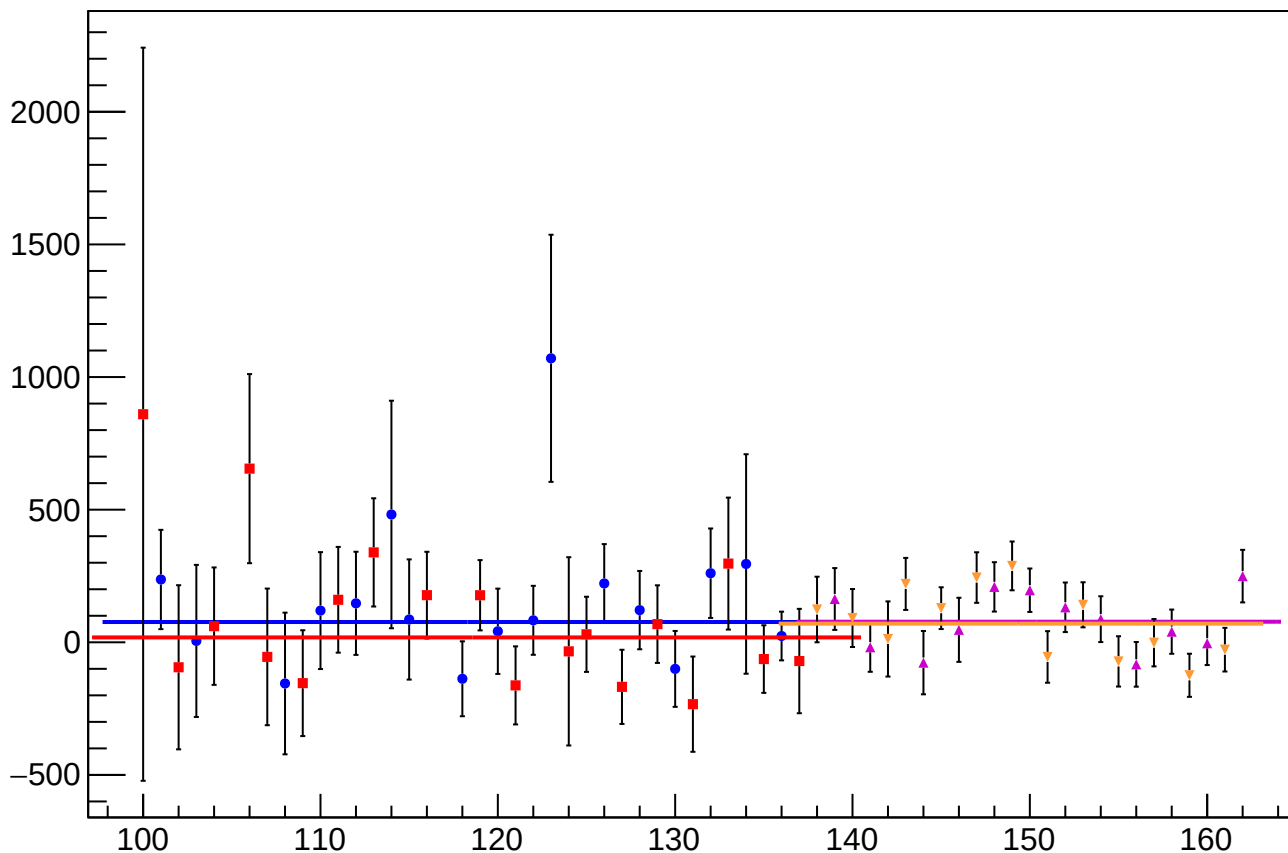
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Out: 296.194+/-0.068 χ^2/NDF : 693581.9/12

All: 291.999+/-0.048 χ^2/NDF : 1379653.3/24

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 70.347 $\pm$ 26.062 χ^2 /NDF:24.6/12

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 77.621 $\pm$ 26.949 χ^2 /NDF:15.6/11

Left: 73.862 $\pm$ 18.734 χ^2 /NDF: 40.3/24

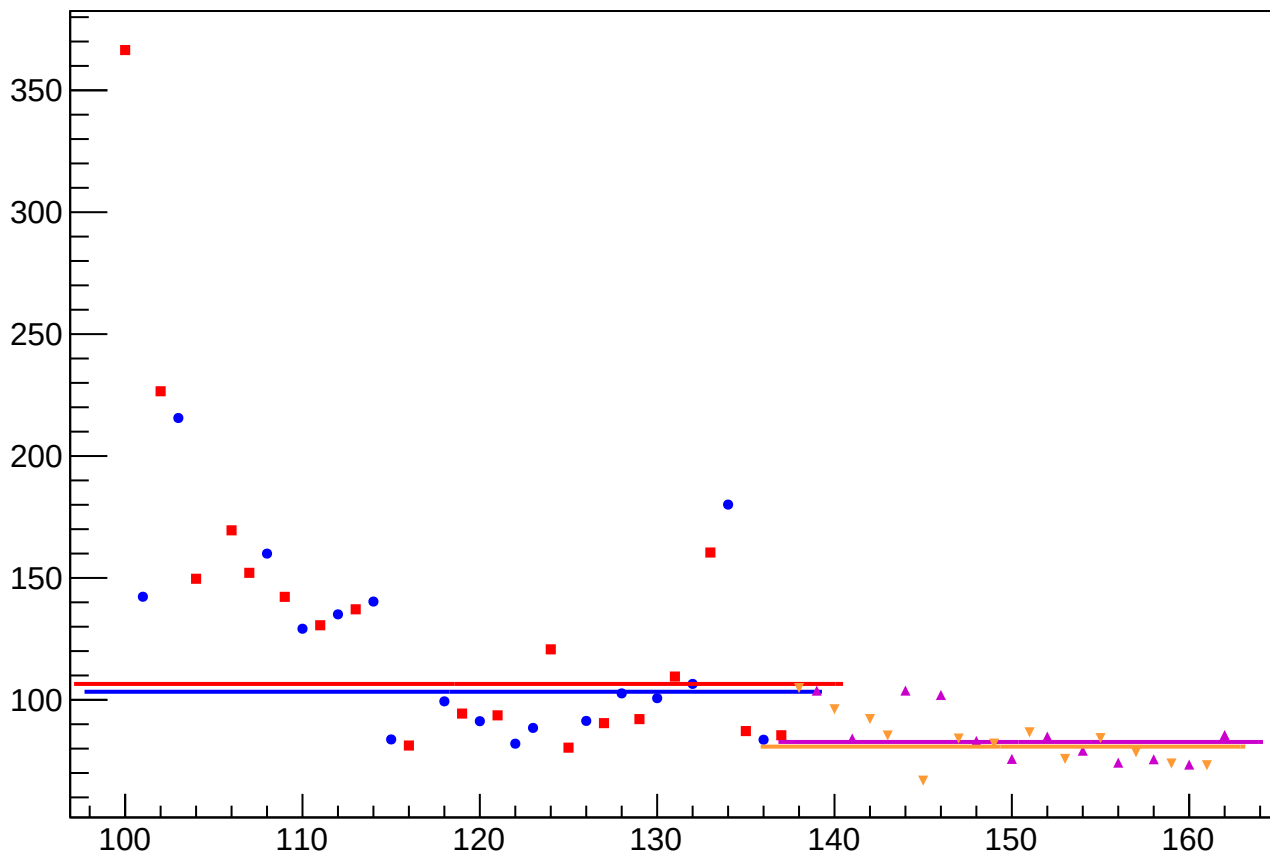
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 77.290 $\pm$ 22.611 χ^2 /NDF:29.5/28

Out: 56.041 $\pm$ 22.185 χ^2 /NDF:42.9/31

All: 66.463 $\pm$ 15.836 χ^2 /NDF: 72.9/60

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 80.816 $\pm$ 0.018 χ^2 /NDF: 247479.4/12

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 82.734 $\pm$ 0.019 χ^2 /NDF: 259614.7/11

Left: 81.743 $\pm$ 0.013 χ^2 /NDF: 512331.6/24

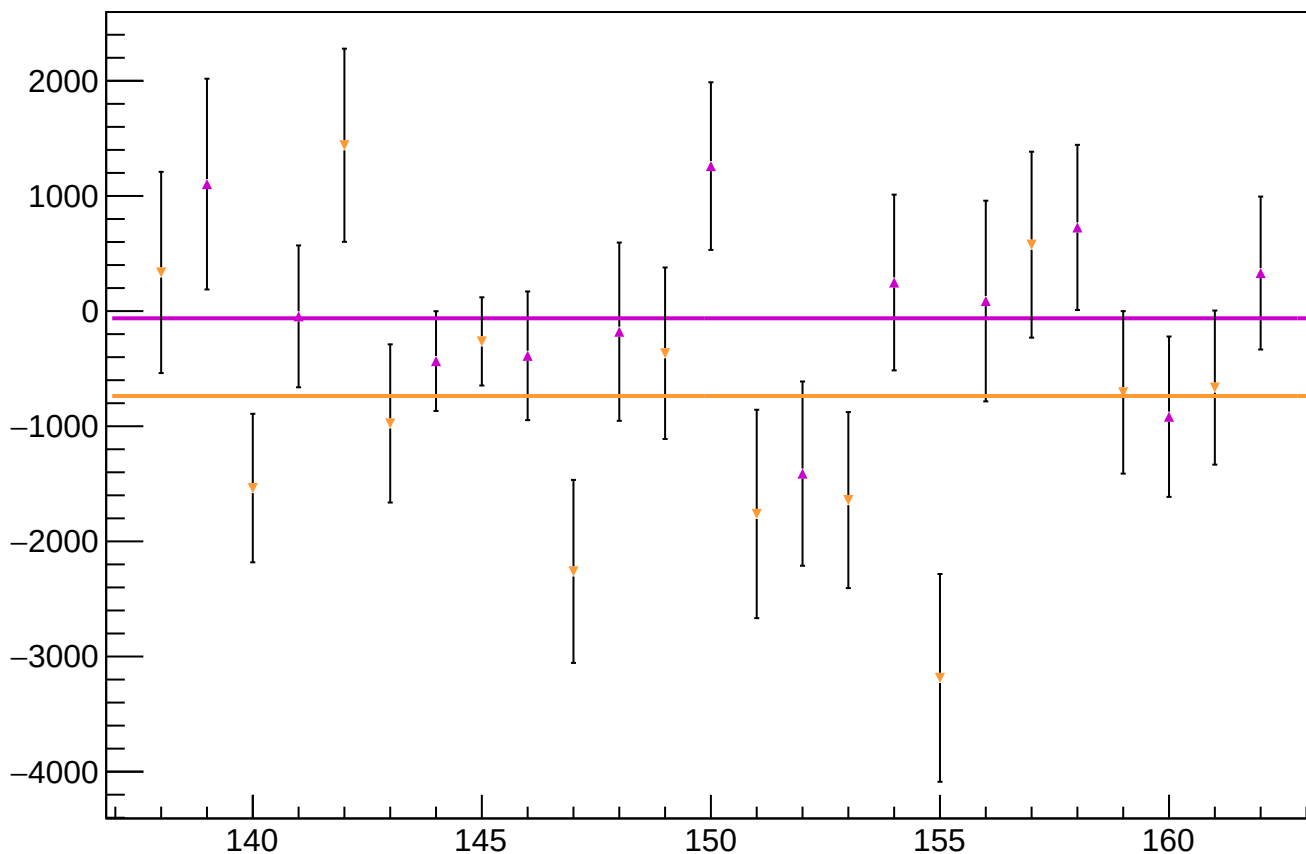
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 88.827 $\pm$ 0.016 χ^2 /NDF: 1442824.3/28

Out: 87.897 $\pm$ 0.016 χ^2 /NDF: 1855276.0/31

All: 88.353 $\pm$ 0.011 χ^2 /NDF: 3299824.8/60

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -737.387 ± 191.081 $\chi^2/\text{NDF}: 28.1/12$

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

Left In: -62.513 ± 193.224 $\chi^2/\text{NDF}: 12.1/11$

Left: -403.713 ± 135.866 $\chi^2/\text{NDF}: 46.4/24$

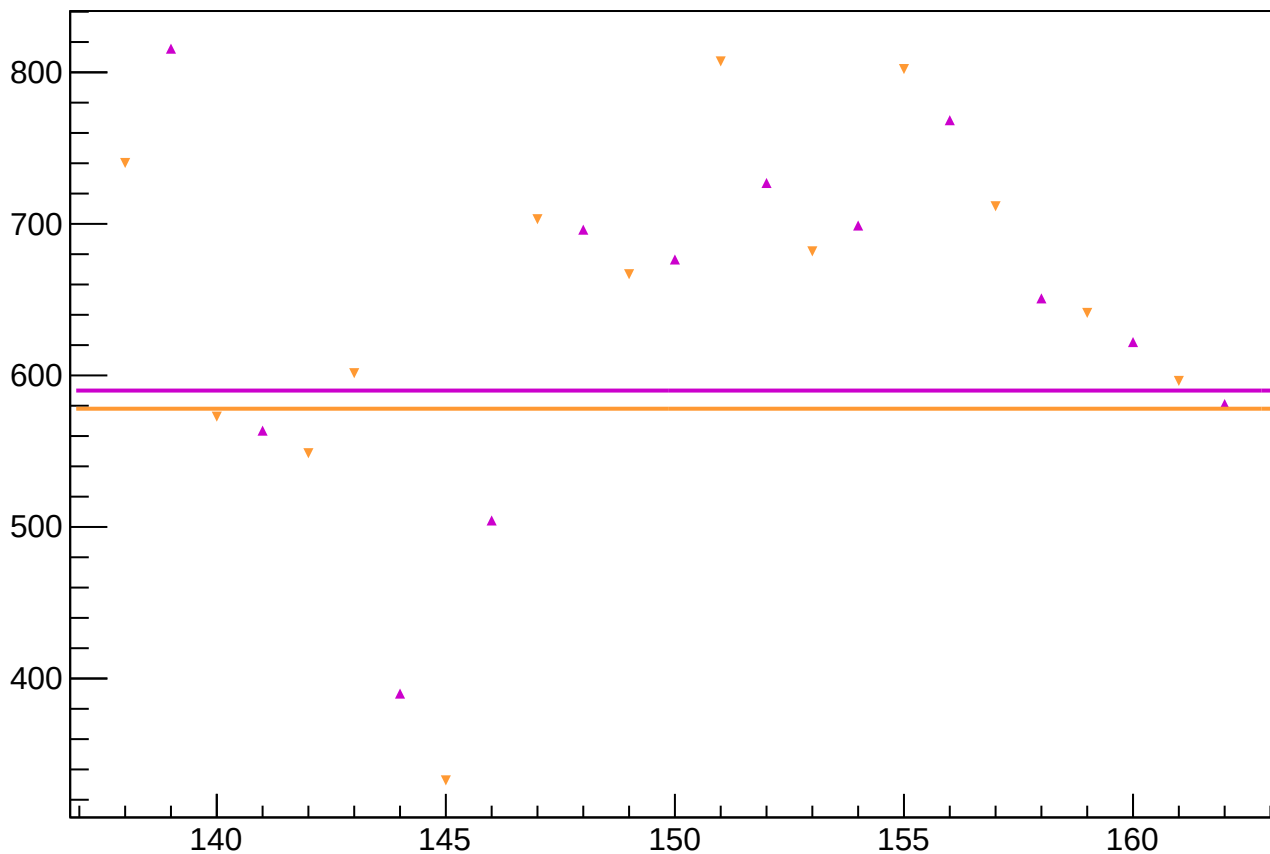
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -62.513 ± 193.224 $\chi^2/\text{NDF}: 12.1/11$

Out: -737.387 ± 191.081 $\chi^2/\text{NDF}: 28.1/12$

All: -403.713 ± 135.866 $\chi^2/\text{NDF}: 46.4/24$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

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

Left In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Left: 583.955+/-0.096 χ^2/NDF : 2202528.5/24

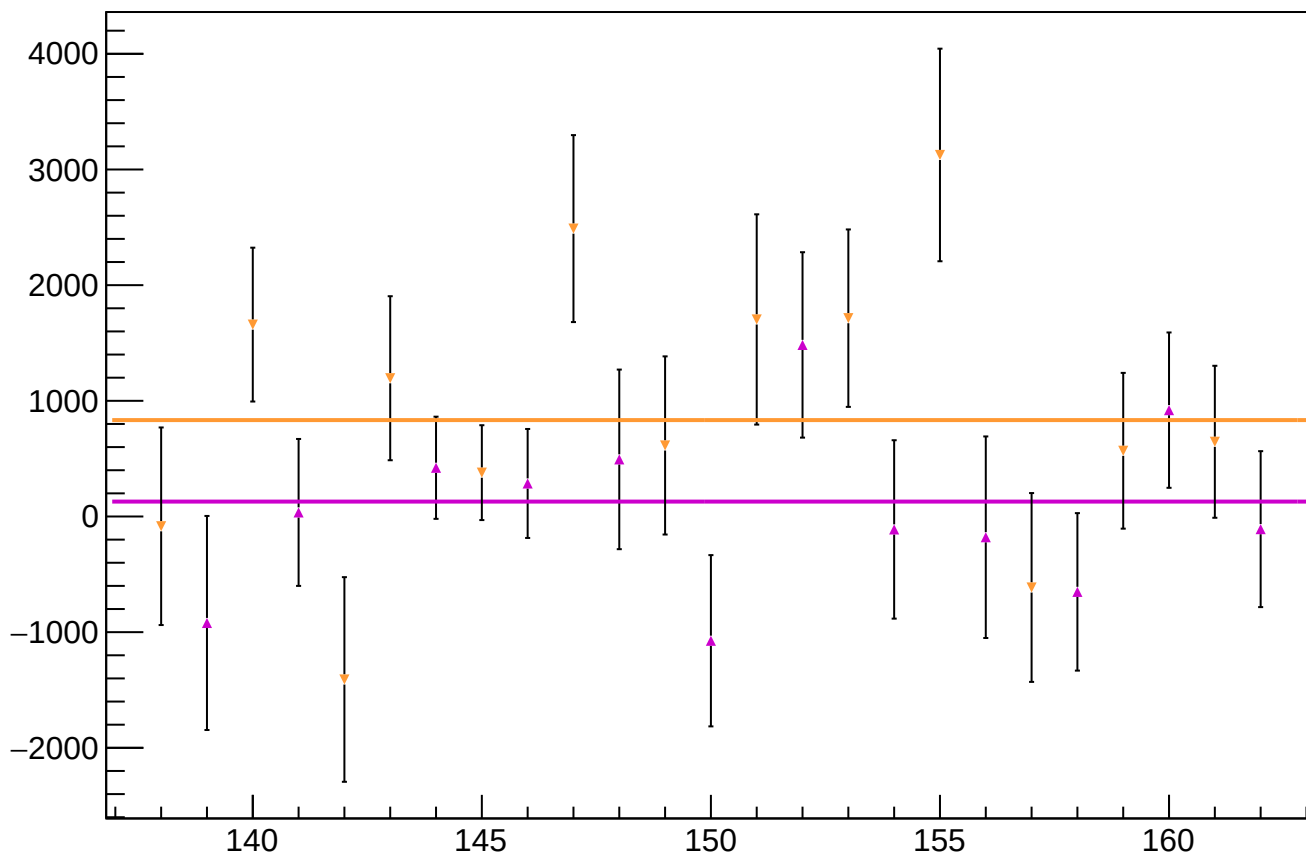
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Out: 578.032+/-0.135 χ^2/NDF :1332215.2/12

All: 583.955+/-0.096 χ^2/NDF : 2202528.5/24

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 833.394+/-195.438 χ^2/NDF : 26.7/12

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: 469.981+/-135.990 χ^2/NDF : 44.1/24

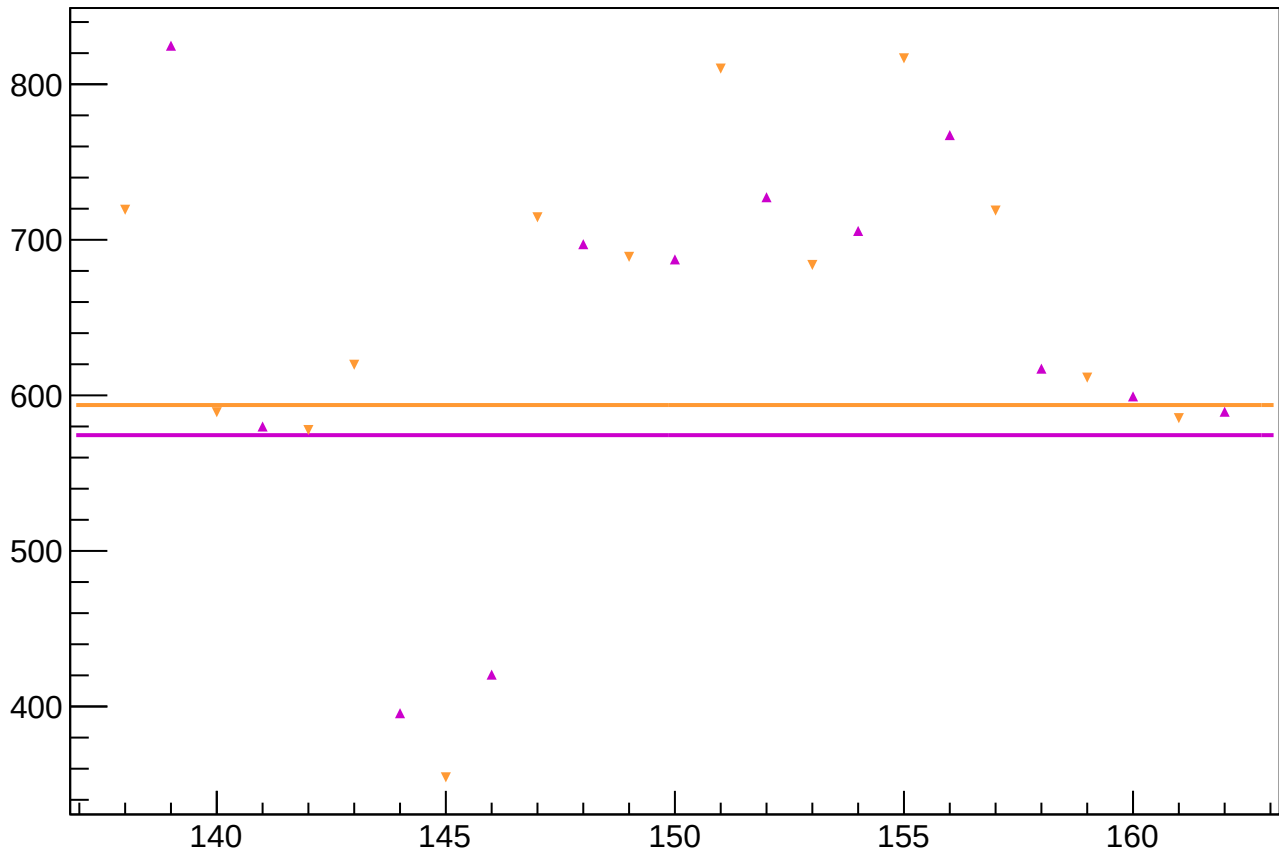
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.873+/-189.345 χ^2/NDF : 10.6/11

Out: 833.394+/-195.438 χ^2/NDF : 26.7/12

All: 469.981+/-135.990 χ^2/NDF : 44.1/24

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

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: 583.796+/-0.096 χ^2/NDF : 2145216.8/24

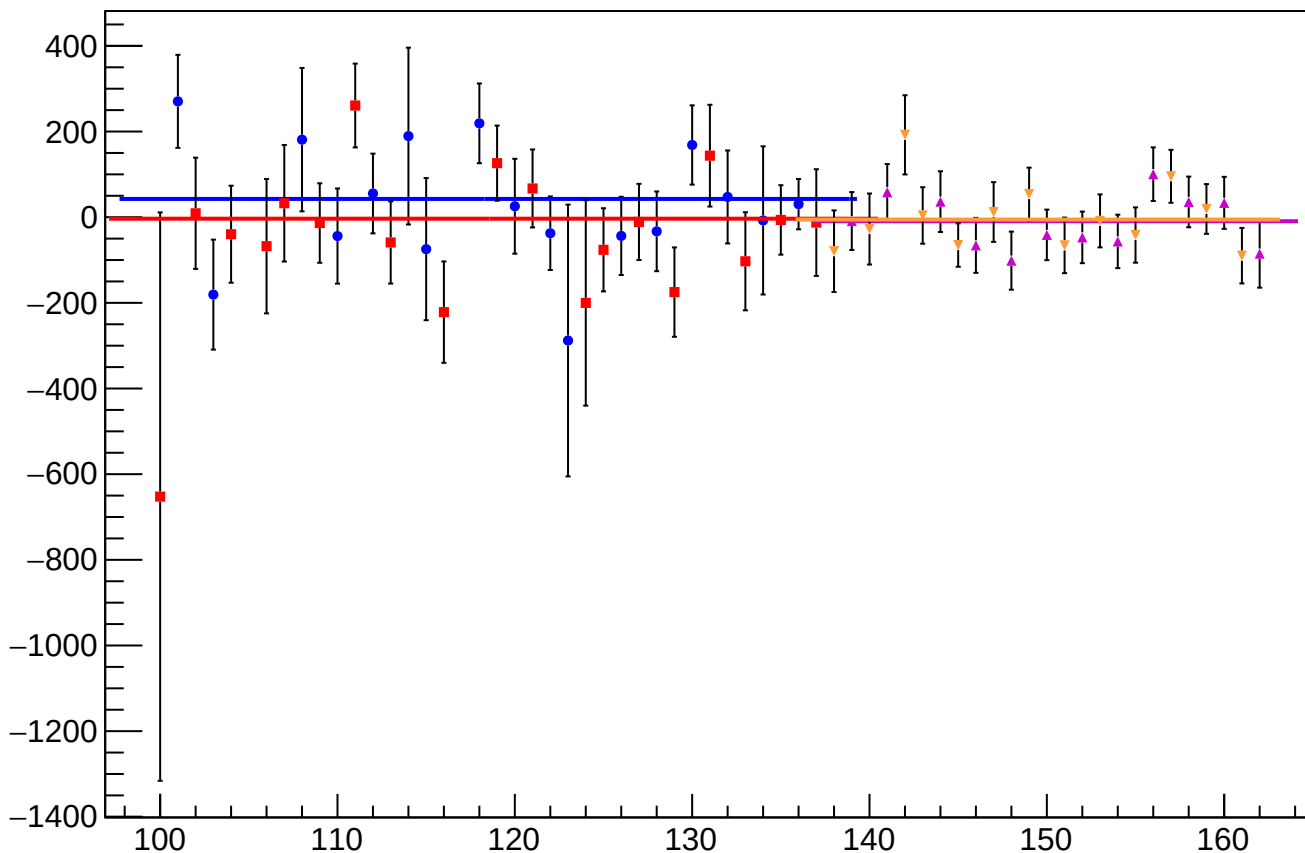
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Out: 593.782+/-0.138 χ^2/NDF :1110332.8/12

All: 583.796+/-0.096 χ^2/NDF : 2145216.8/24

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -5.531 $\pm$ 18.272 χ^2 /NDF:13.4/12

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -9.341 $\pm$ 18.568 χ^2 /NDF:10.4/11

Left: -7.405 $\pm$ 13.024 χ^2 /NDF: 23.8/24

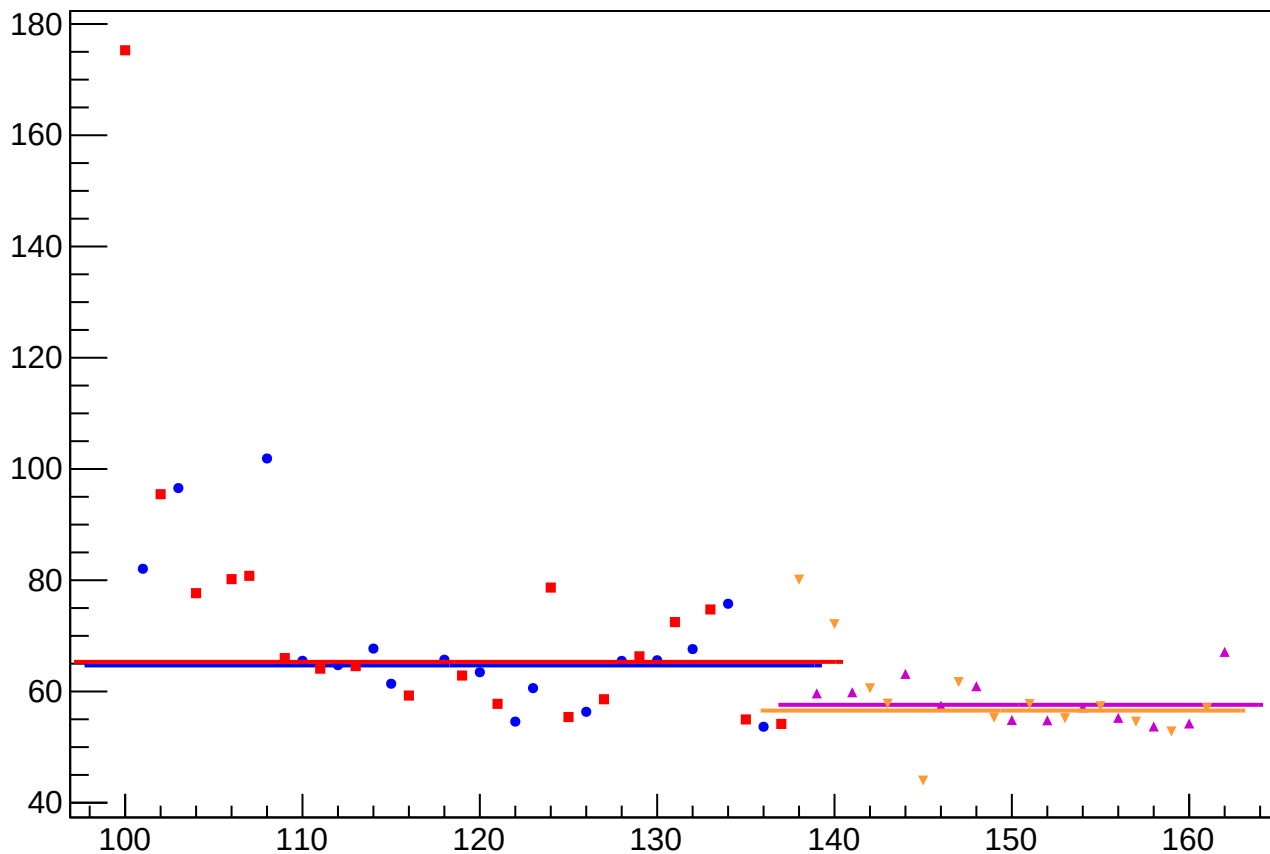
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 8.689 $\pm$ 15.008 χ^2 /NDF:32.0/28

Out: -4.827 $\pm$ 14.766 χ^2 /NDF:34.7/31

All: 1.821 $\pm$ 10.525 χ^2 /NDF: 67.1/60

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.567 $\pm$ 0.013 χ^2 /NDF: 344338.4/12

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.604 $\pm$ 0.013 χ^2 /NDF: 76276.5/11

Left: 57.077 $\pm$ 0.009 χ^2 /NDF: 423782.7/24

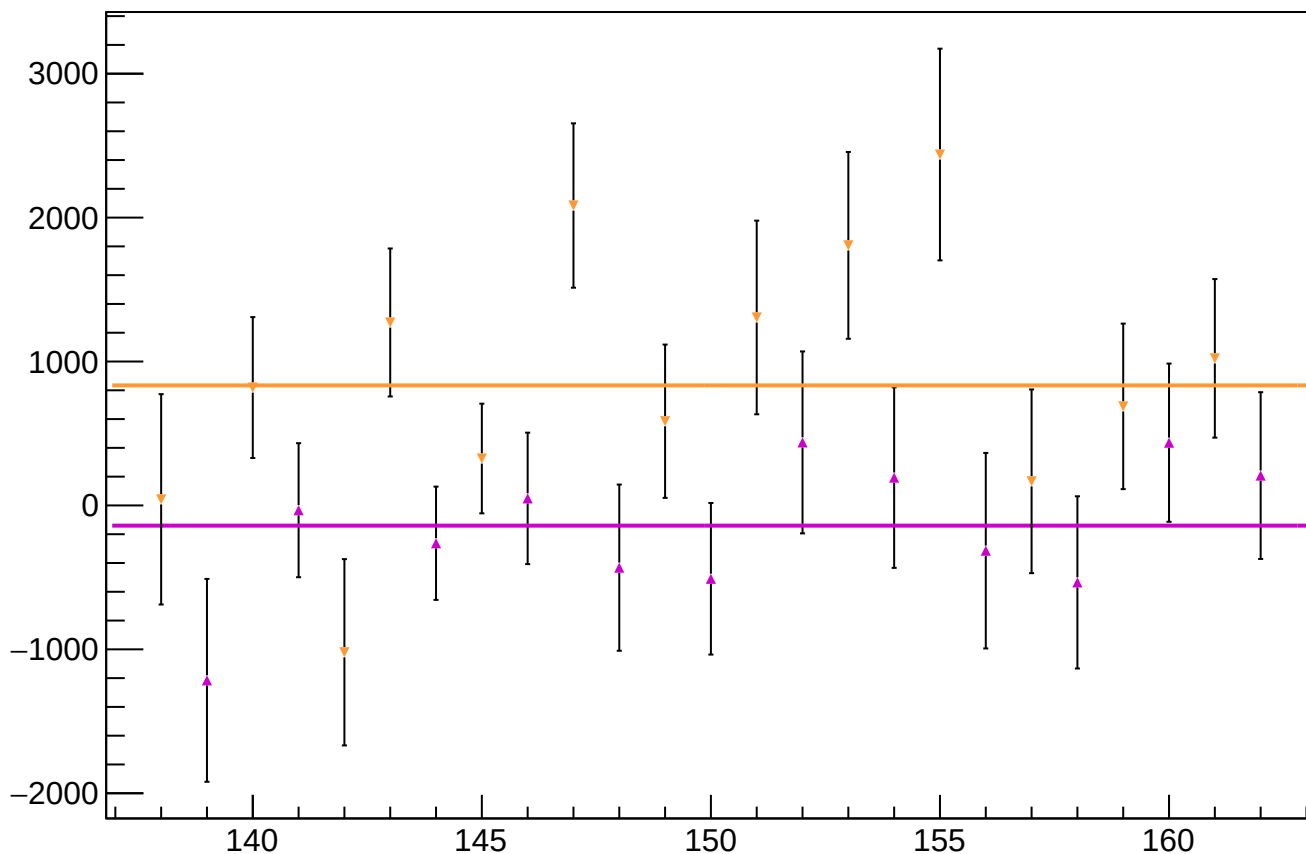
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.059 $\pm$ 0.011 χ^2 /NDF: 577342.7/28

Out: 59.605 $\pm$ 0.010 χ^2 /NDF: 863298.1/31

All: 59.828 $\pm$ 0.007 χ^2 /NDF: 1441572.3/60

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: 834.086+/-156.375 χ^2/NDF :25.7/12

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

Left In: -140.378+/-156.610 χ^2/NDF :6.5/11

Left: 347.586+/-110.657 χ^2/NDF : 51.5/24

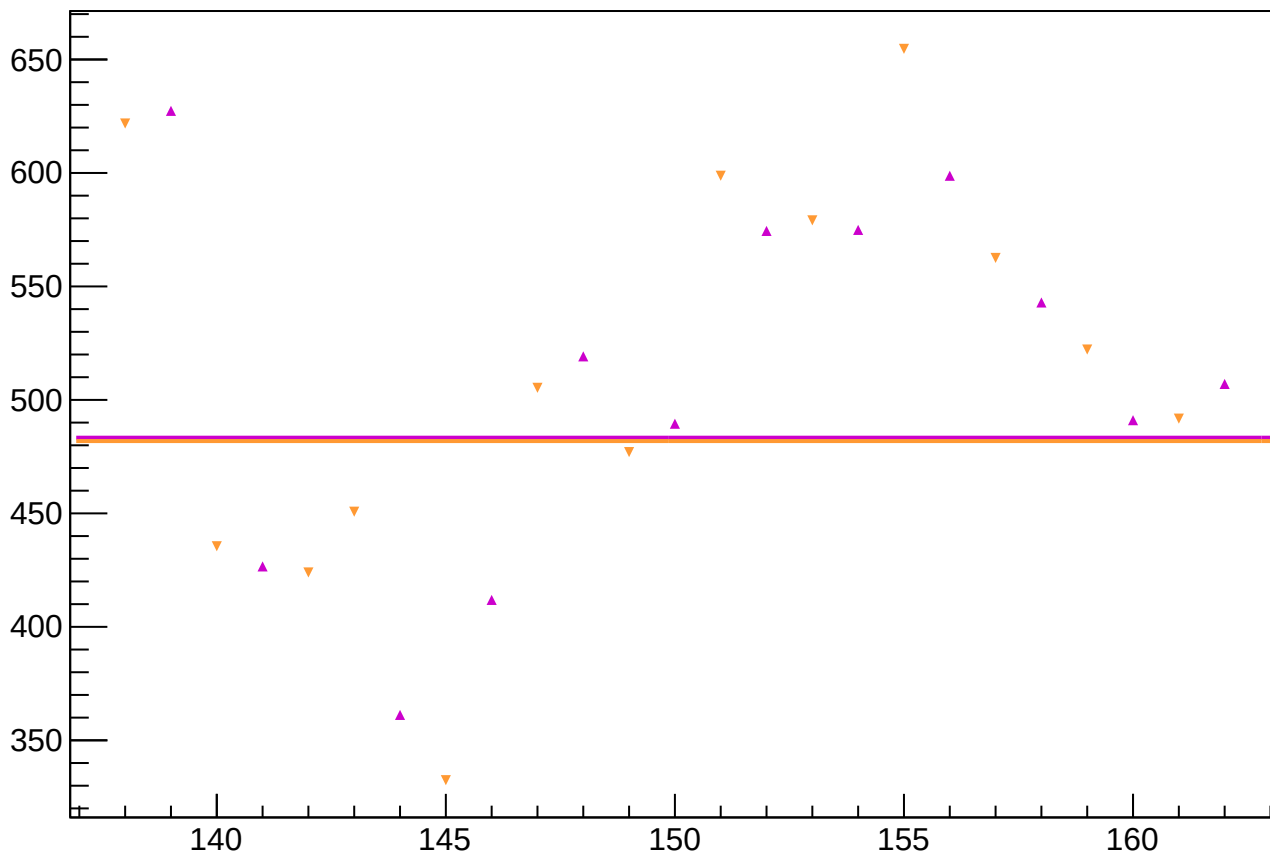
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.378+/-156.610 χ^2/NDF :6.5/11

Out: 834.086+/-156.375 χ^2/NDF :25.7/12

All: 347.586+/-110.657 χ^2/NDF : 51.5/24

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: 481.863+/-0.111 χ^2/NDF : 683750.1/12

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

Left In: 483.348+/-0.111 χ^2/NDF : 528272.1/11

Left: 482.605+/-0.078 χ^2/NDF : 1212112.2/24

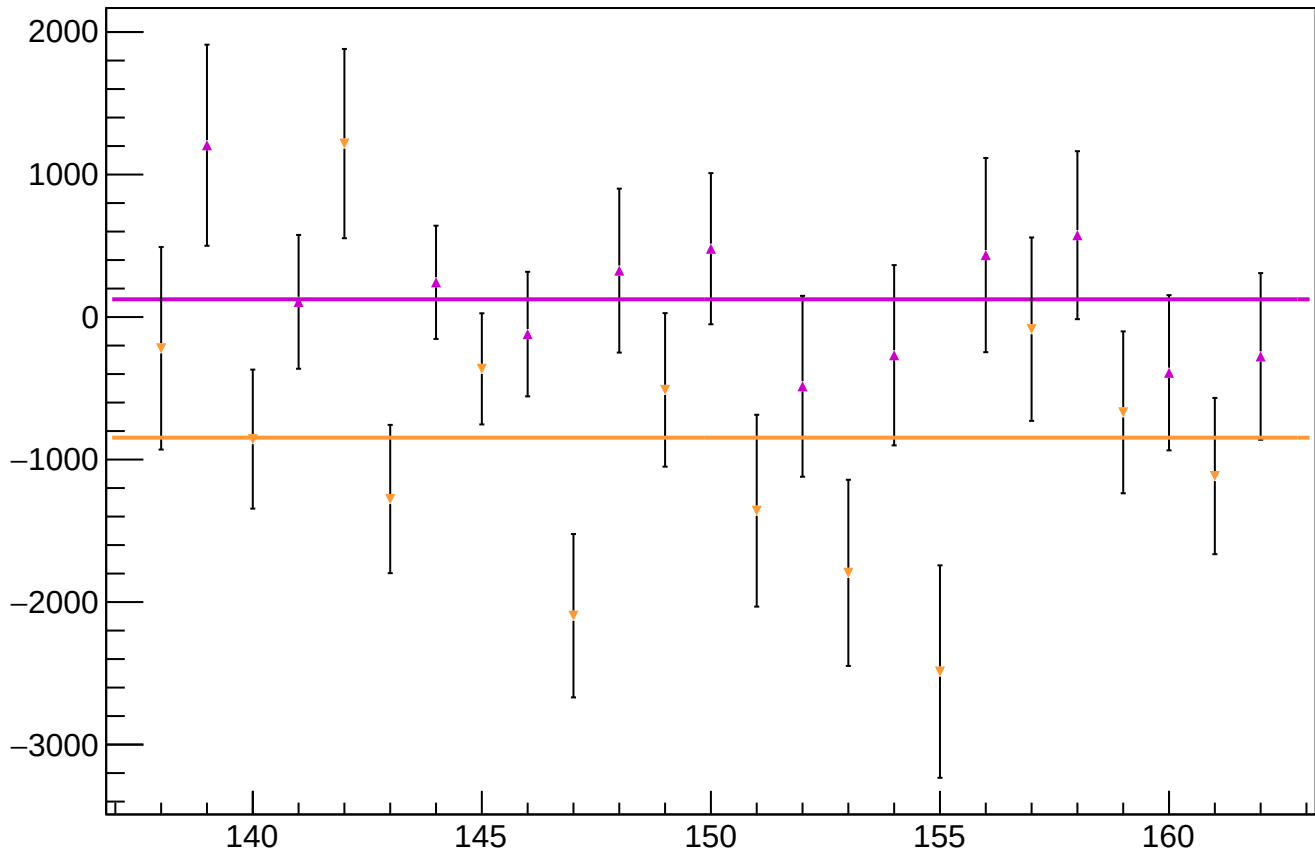
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.348+/-0.111 χ^2/NDF : 528272.1/11

Out: 481.863+/-0.111 χ^2/NDF : 683750.1/12

All: 482.605+/-0.078 χ^2/NDF : 1212112.2/24

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -846.294 ± 157.324 $\chi^2/\text{NDF}: 27.1/12$

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

Left In: 124.423 ± 156.167 $\chi^2/\text{NDF}: 6.8/11$

Left: -357.352 ± 110.834 $\chi^2/\text{NDF}: 53.0/24$

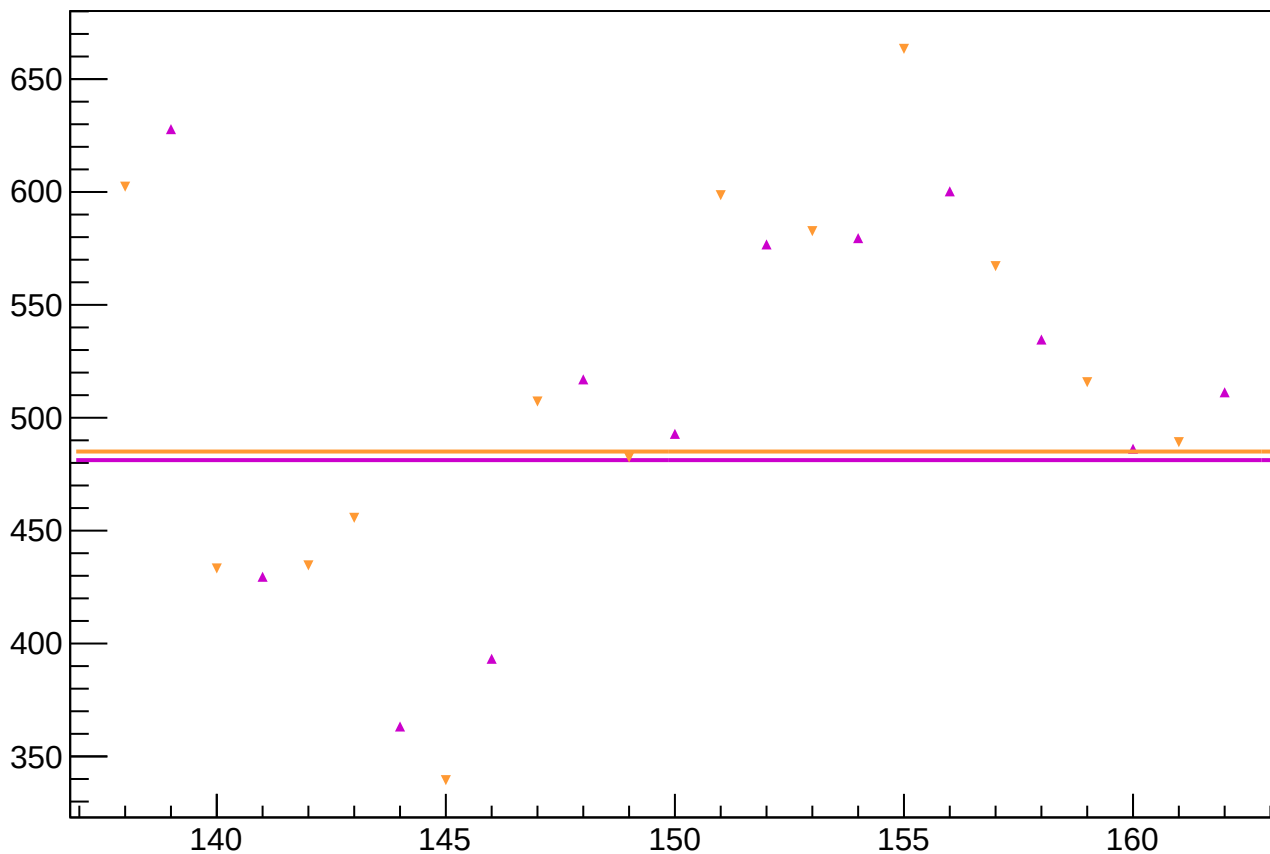
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 124.423 ± 156.167 $\chi^2/\text{NDF}: 6.8/11$

Out: -846.294 ± 157.324 $\chi^2/\text{NDF}: 27.1/12$

All: -357.352 ± 110.834 $\chi^2/\text{NDF}: 53.0/24$

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

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: 483.122+/-0.078 χ^2/NDF : 1185091.6/24

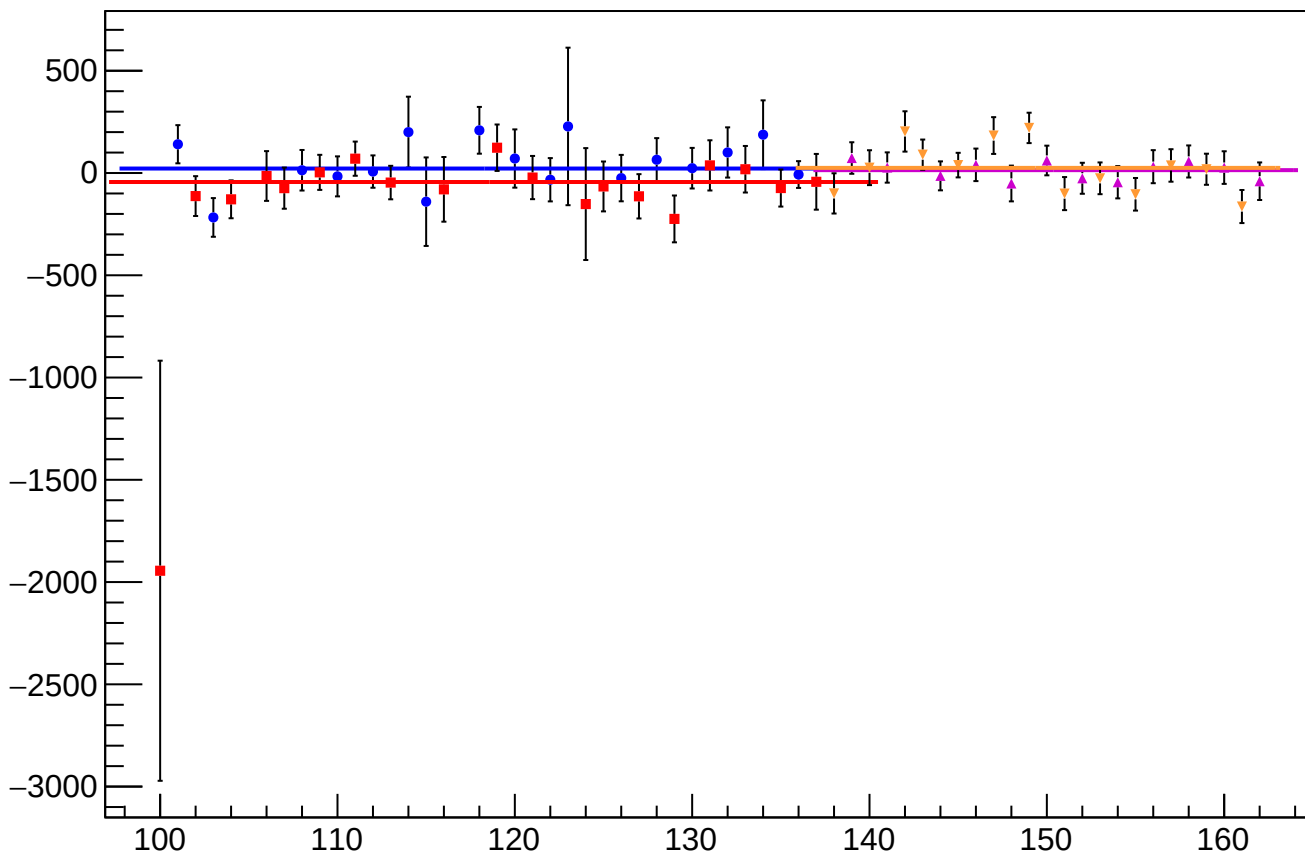
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Out: 485.039+/-0.111 χ^2/NDF :631307.3/12

All: 483.122+/-0.078 χ^2/NDF : 1185091.6/24

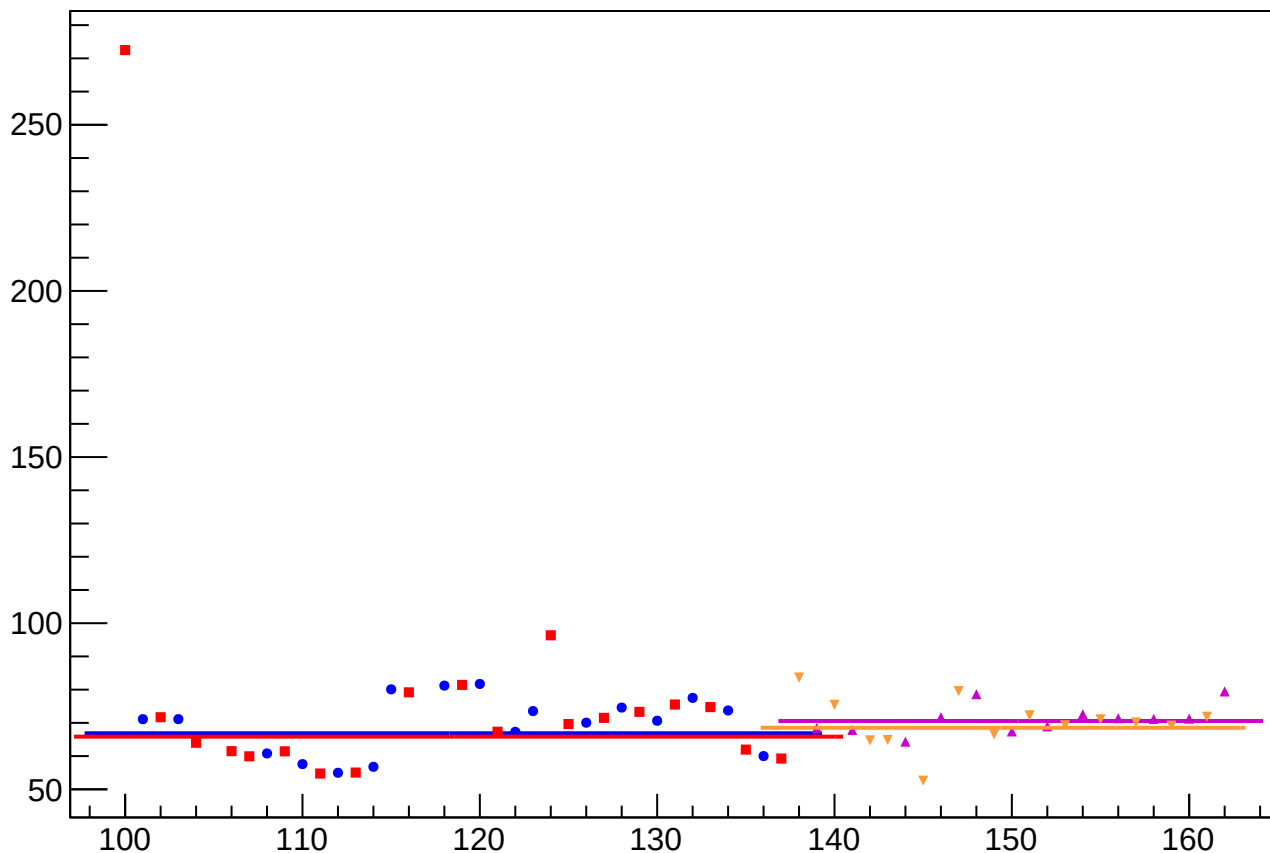
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16
 Left Out: 25.108 $\pm$ 21.978 χ^2 /NDF:26.7/12
 Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18
 Left In: 14.042 $\pm$ 22.614 χ^2 /NDF:3.4/11

Left: 19.733 $\pm$ 15.761 χ^2 /NDF: 30.2/24
 Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35
 In: 17.422 $\pm$ 17.078 χ^2 /NDF:18.5/28
 Out: -4.852 $\pm$ 16.537 χ^2 /NDF:44.2/31
 All: 5.927 $\pm$ 11.880 χ^2 /NDF: 63.7/60

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.534 $\pm$ 0.016 χ^2/NDF : 250932.1/12

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 70.570 $\pm$ 0.016 χ^2/NDF : 62097.9/11

Left: 69.523 $\pm$ 0.011 χ^2/NDF : 321371.7/24

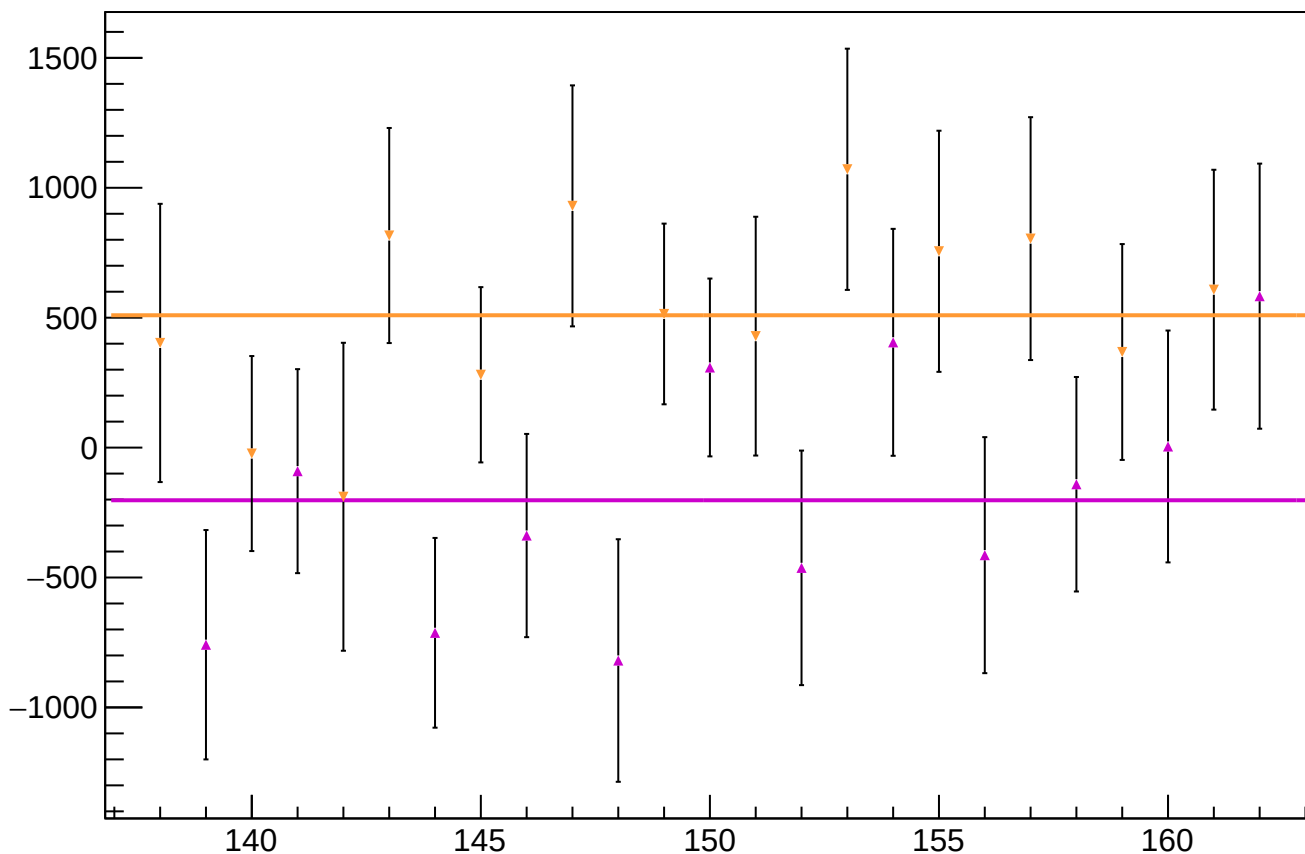
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 68.981 $\pm$ 0.012 χ^2/NDF : 287593.4/28

Out: 67.371 $\pm$ 0.012 χ^2/NDF : 563702.0/31

All: 68.150 $\pm$ 0.008 χ^2/NDF : 860469.2/60

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: 509.379+/-119.469 χ^2/NDF : 7.6/12

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

Left In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Left: 157.329+/-84.948 χ^2/NDF : 38.0/24

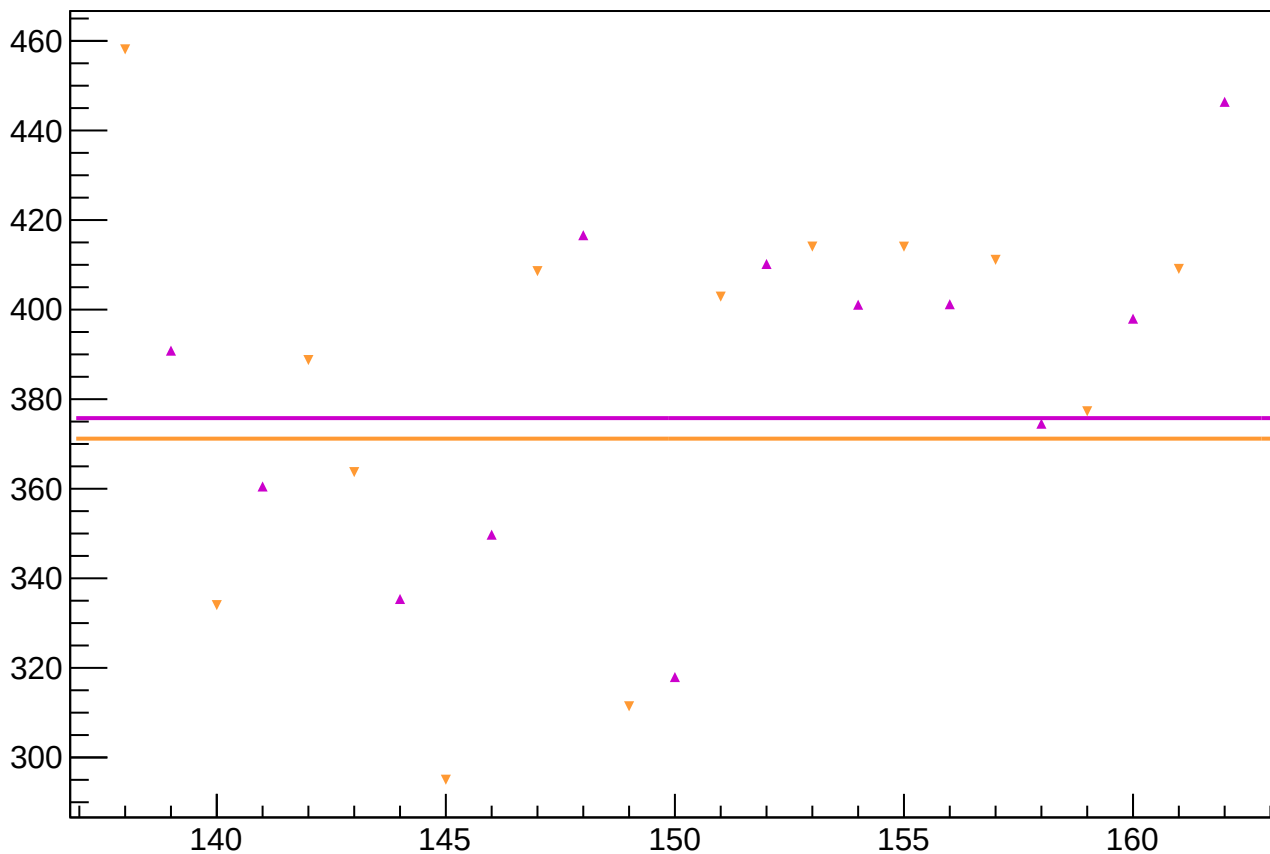
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Out: 509.379+/-119.469 χ^2/NDF : 7.6/12

All: 157.329+/-84.948 χ^2/NDF : 38.0/24

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: 371.187+/-0.084 χ^2/NDF :320947.7/12

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

Left In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Left: 373.453+/-0.060 χ^2/NDF : 501398.1/24

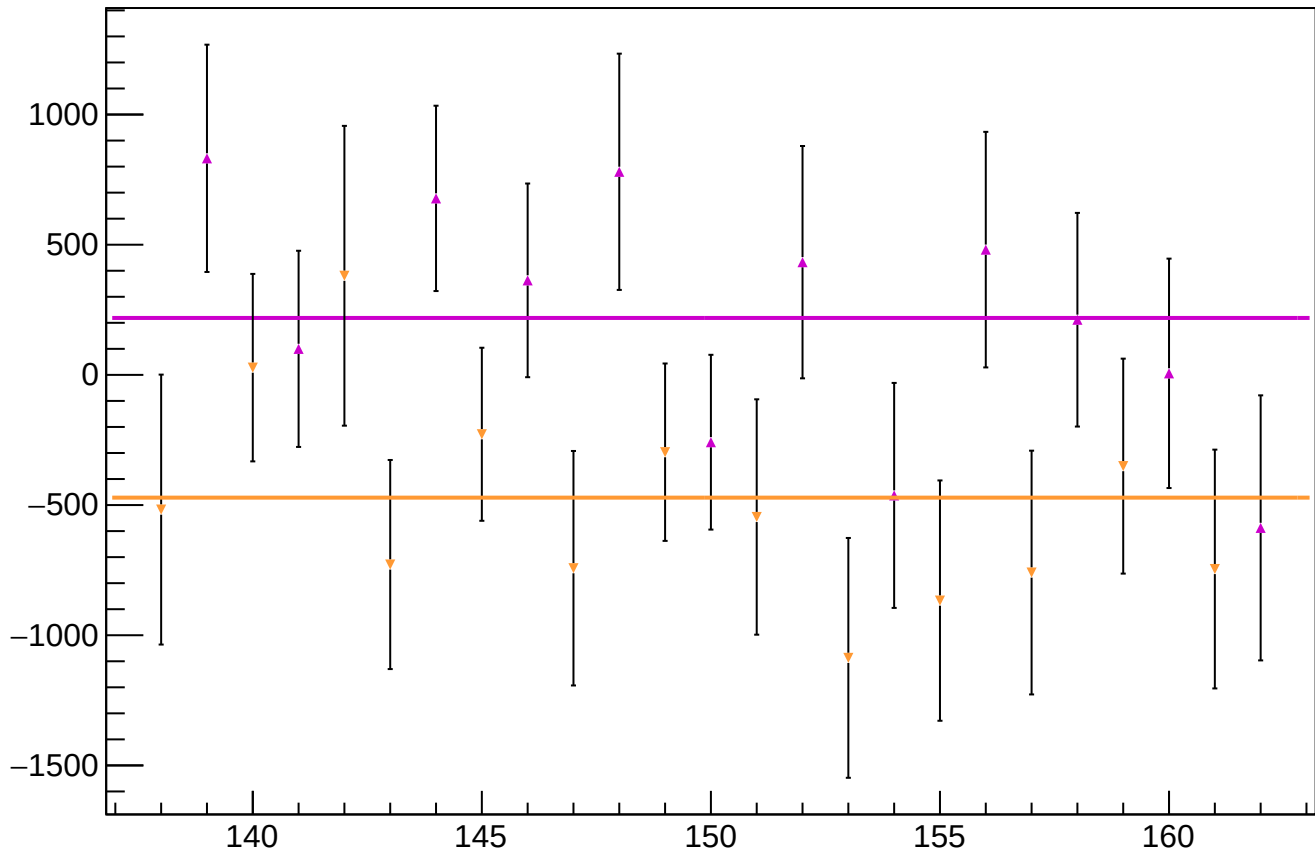
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Out: 371.187+/-0.084 χ^2/NDF :320947.7/12

All: 373.453+/-0.060 χ^2/NDF : 501398.1/24

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -471.472+/-117.249 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: -129.692+/-83.303 χ^2/NDF : 39.5/24

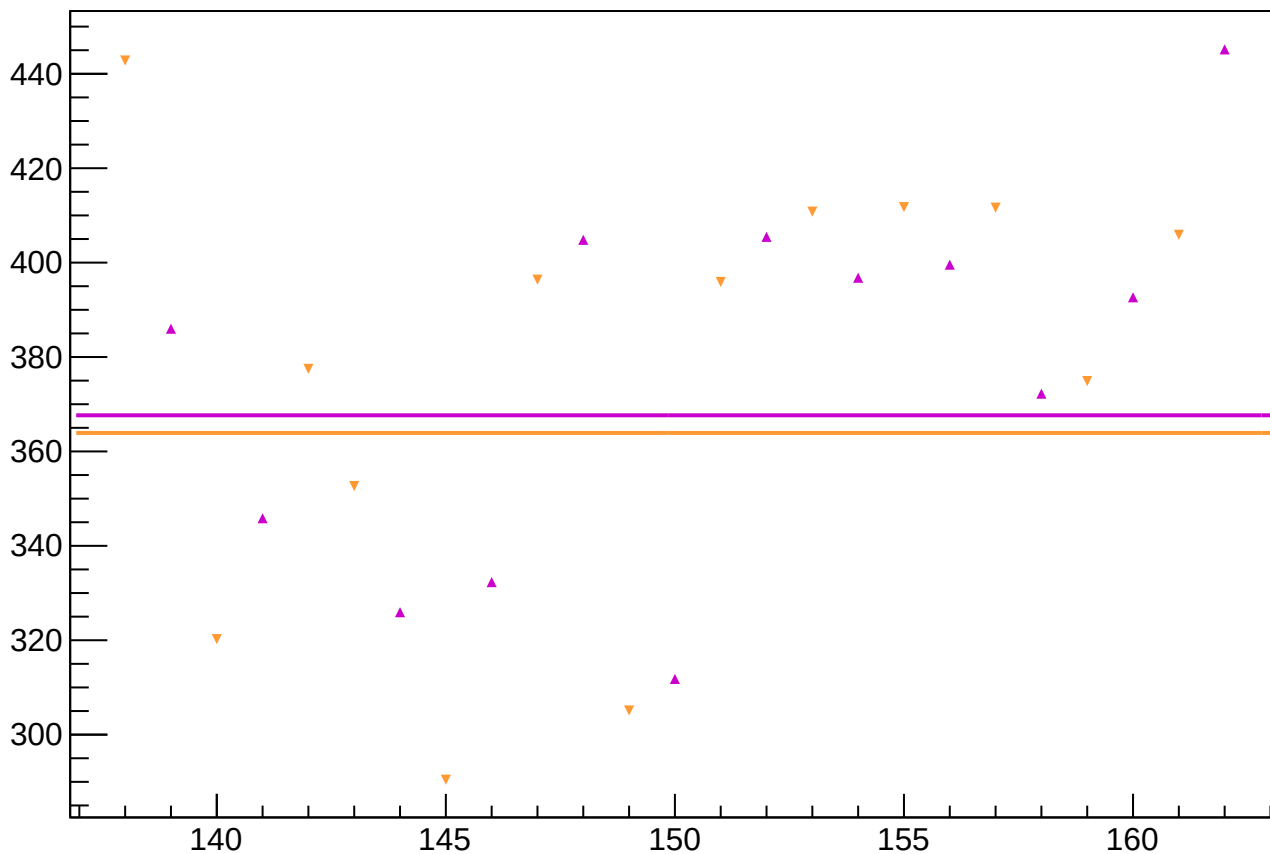
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.686+/-118.376 χ^2/NDF : 13.2/11

Out: -471.472+/-117.249 χ^2/NDF : 9.1/12

All: -129.692+/-83.303 χ^2/NDF : 39.5/24

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

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: 365.770+/-0.059 χ^2/NDF : 549362.8/24

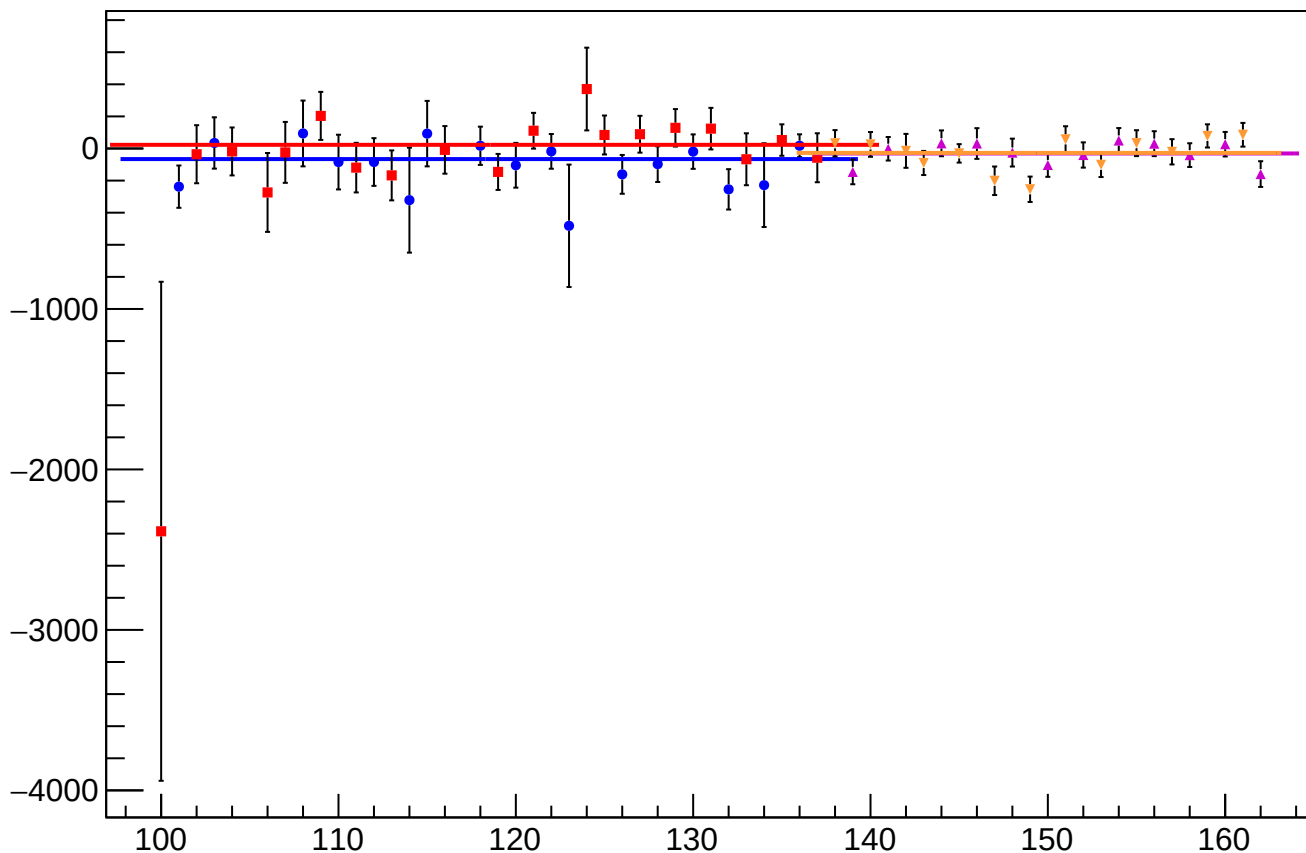
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Out: 363.921+/-0.083 χ^2/NDF :337314.2/12

All: 365.770+/-0.059 χ^2/NDF : 549362.8/24

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -27.473 ± 21.396 $\chi^2/\text{NDF}: 20.9/12$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -30.940 ± 22.718 $\chi^2/\text{NDF}: 9.2/11$

Left: -29.102 ± 15.576 $\chi^2/\text{NDF}: 30.1/24$

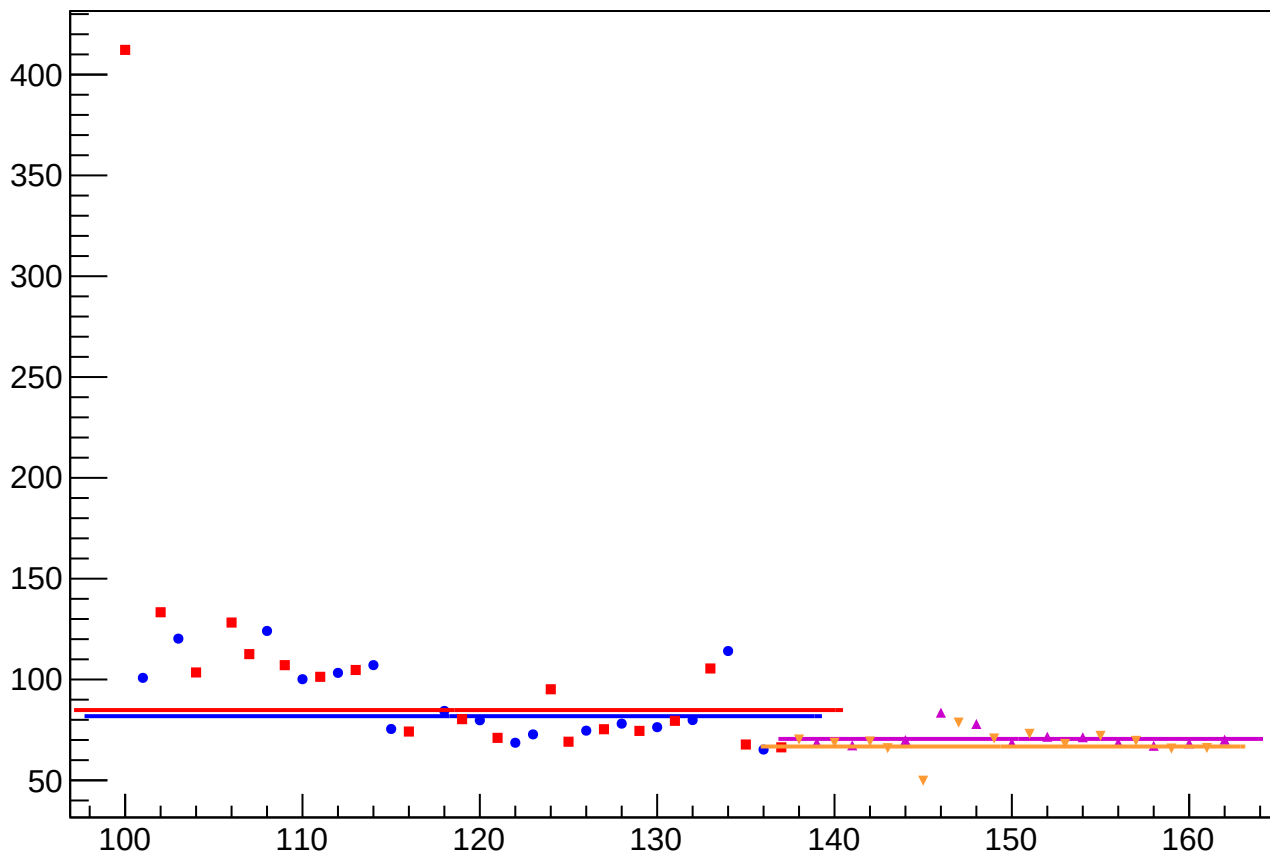
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -42.541 ± 18.580 $\chi^2/\text{NDF}: 20.8/28$

Out: -12.423 ± 17.917 $\chi^2/\text{NDF}: 37.8/31$

All: -26.935 ± 12.897 $\chi^2/\text{NDF}: 60.0/60$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.763 $\pm$ 0.015 χ^2 /NDF: 245088.9/12

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 70.529 $\pm$ 0.016 χ^2 /NDF: 65865.2/11

Left: 68.533 $\pm$ 0.011 χ^2 /NDF: 340076.0/24

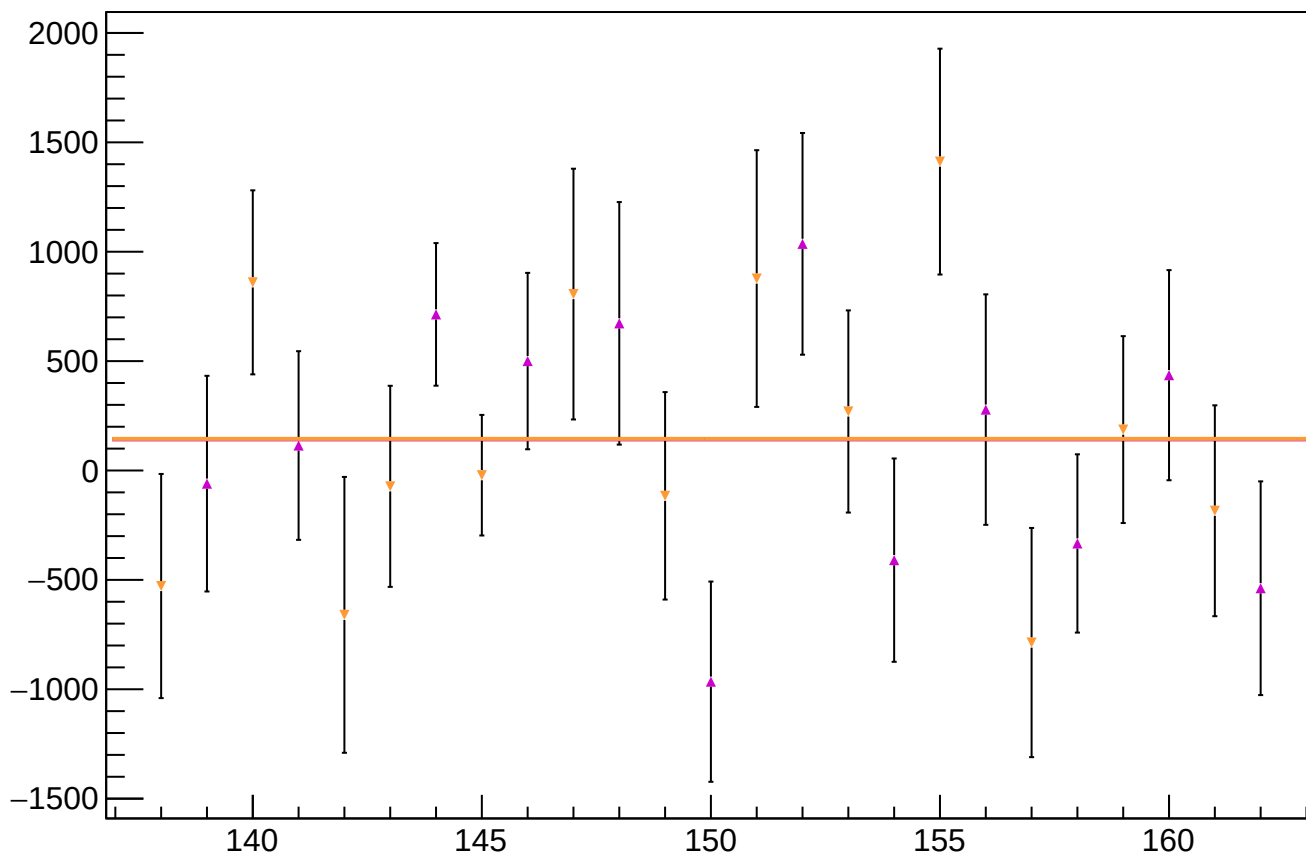
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 74.264 $\pm$ 0.013 χ^2 /NDF: 736307.7/28

Out: 72.162 $\pm$ 0.013 χ^2 /NDF: 1376022.8/31

All: 73.175 $\pm$ 0.009 χ^2 /NDF: 2125592.3/60

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: 144.518+/-126.856 χ^2/NDF :19.8/12

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

Left In: 142.294+/-129.359 χ^2/NDF :19.1/11

Left: 143.428+/-90.573 χ^2/NDF : 38.8/24

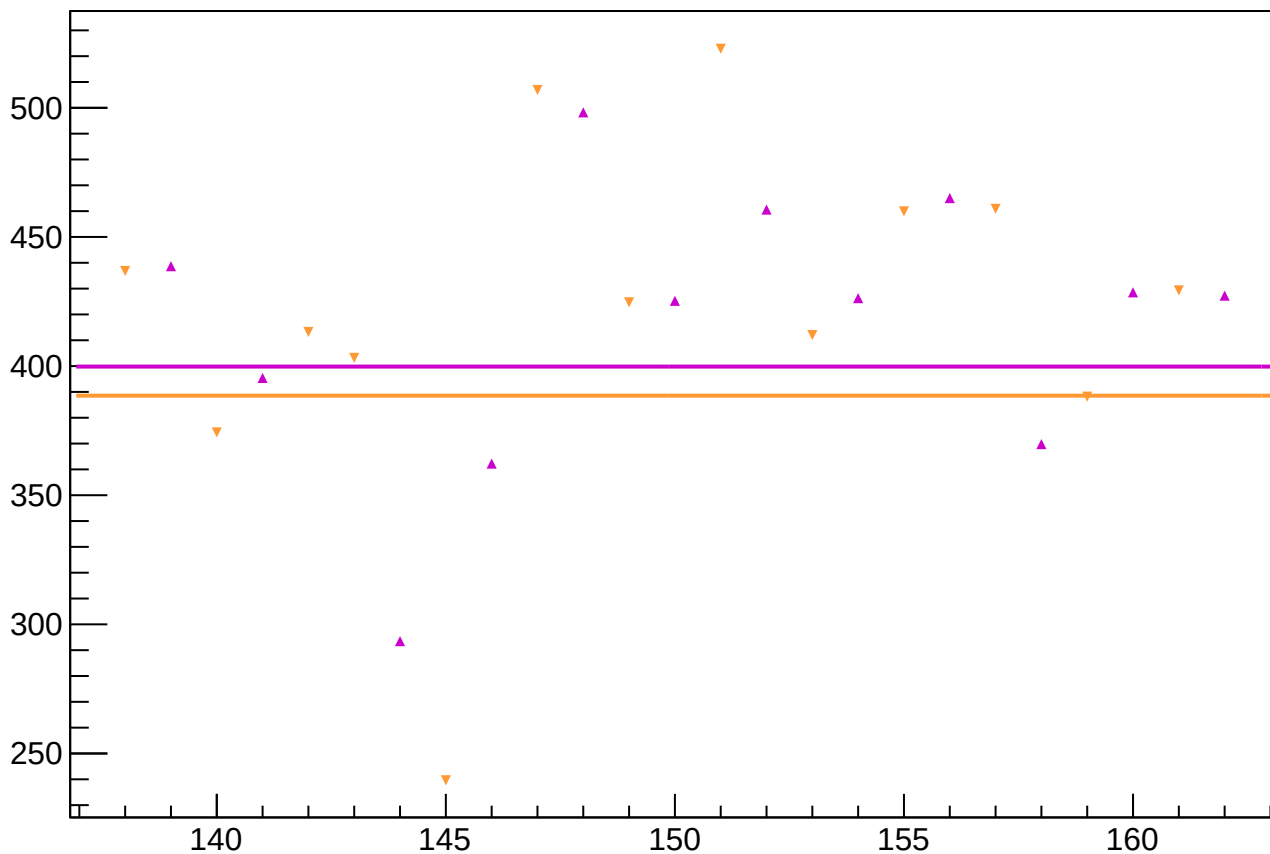
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.294+/-129.359 χ^2/NDF :19.1/11

Out: 144.518+/-126.856 χ^2/NDF :19.8/12

All: 143.428+/-90.573 χ^2/NDF : 38.8/24

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: 388.550+/-0.090 χ^2/NDF :906815.8/12

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

Left In: 399.811+/-0.091 χ^2/NDF :402260.6/11

Left: 394.071+/-0.064 χ^2/NDF : 1316803.0/24

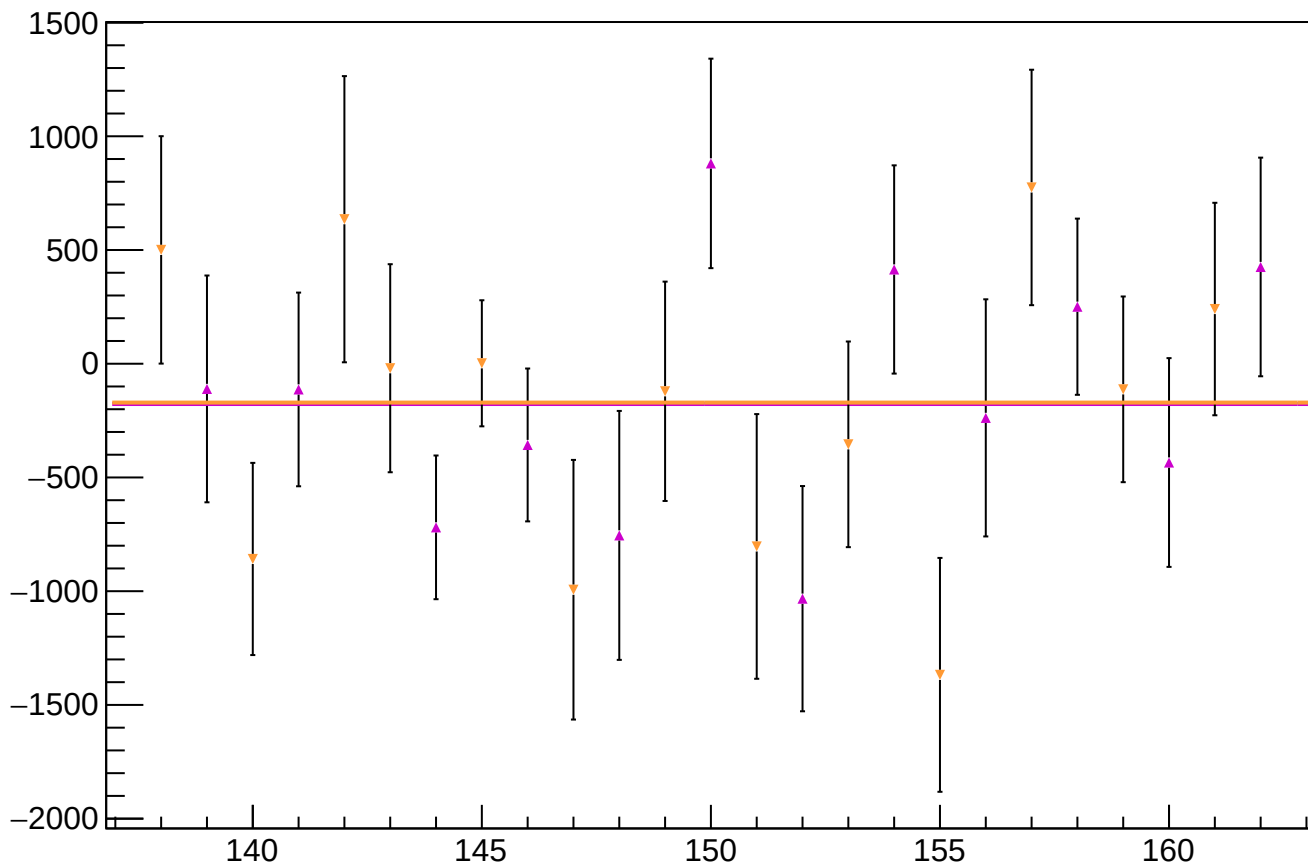
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.811+/-0.091 χ^2/NDF :402260.6/11

Out: 388.550+/-0.090 χ^2/NDF :906815.8/12

All: 394.071+/-0.064 χ^2/NDF : 1316803.0/24

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -170.804+/-125.732 χ^2/NDF :19.6/12

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: -174.001+/-88.386 χ^2/NDF : 37.0/24

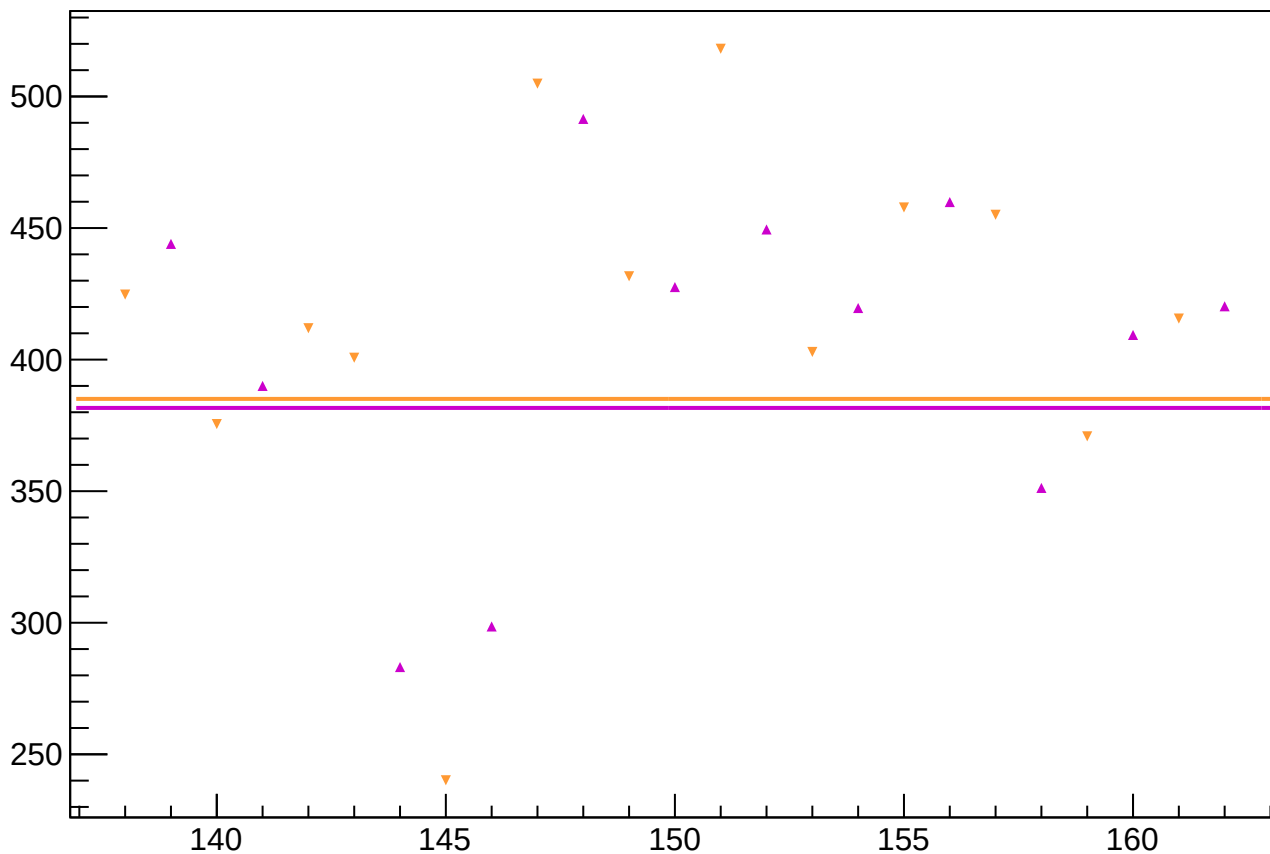
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -177.123+/-124.275 χ^2/NDF :17.4/11

Out: -170.804+/-125.732 χ^2/NDF :19.6/12

All: -174.001+/-88.386 χ^2/NDF : 37.0/24

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 385.072+/-0.089 χ^2/NDF : 868847.1/12

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: 383.336+/-0.062 χ^2/NDF : 1447575.1/24

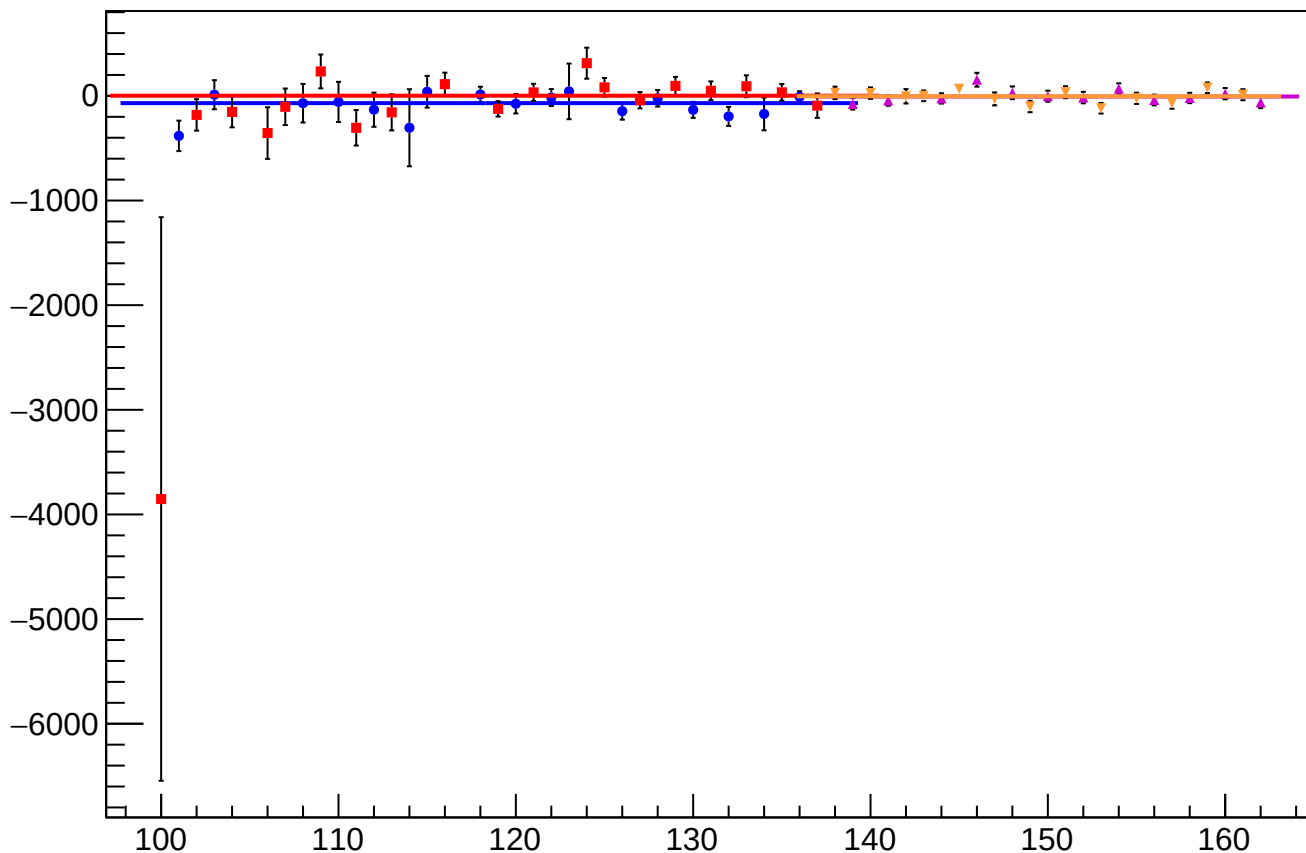
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.641+/-0.088 χ^2/NDF : 577974.8/11

Out: 385.072+/-0.089 χ^2/NDF : 868847.1/12

All: 383.336+/-0.062 χ^2/NDF : 1447575.1/24

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -3.992 ± 14.832 χ^2/NDF : 16.9/12

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -5.897 ± 15.453 χ^2/NDF : 12.7/11

Left: -4.905 ± 10.700 χ^2/NDF : 29.6/24

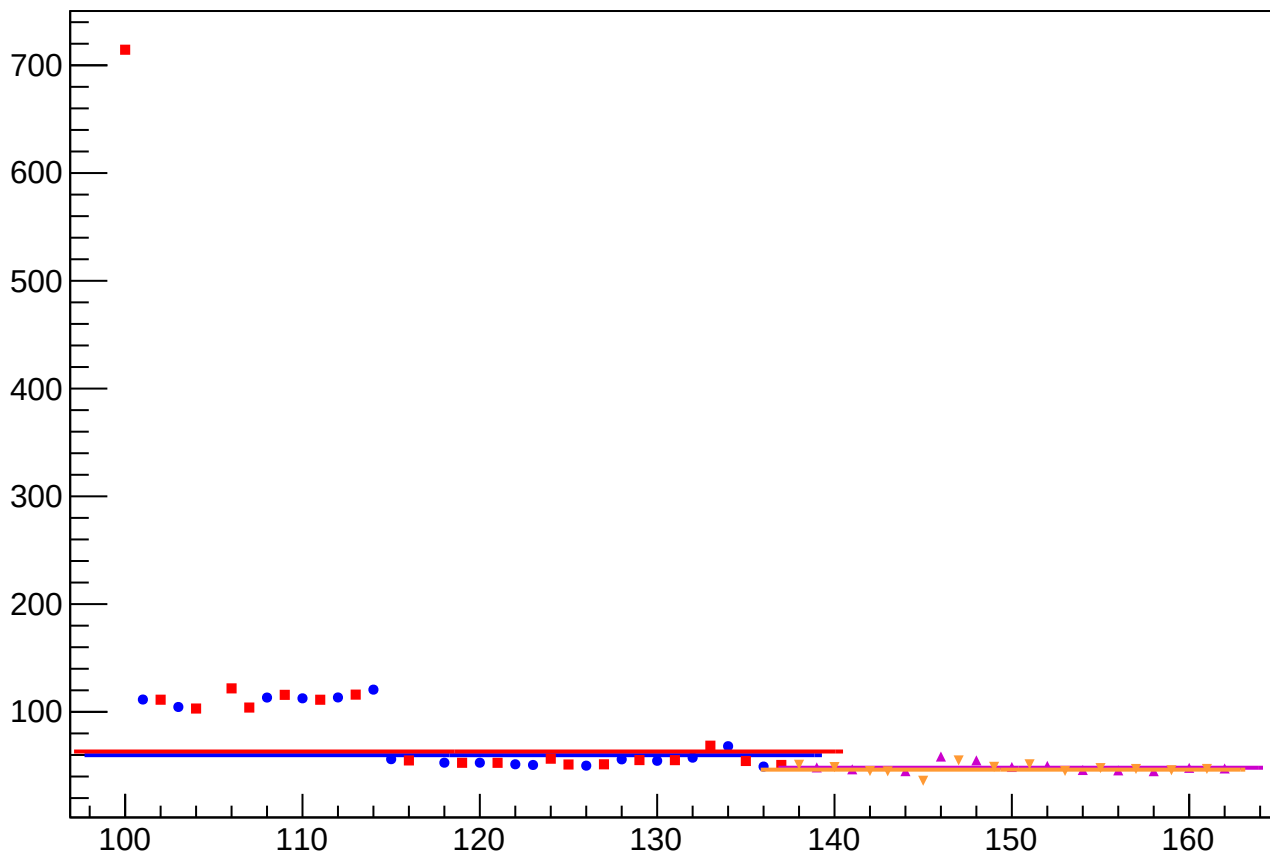
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -24.164 ± 13.033 χ^2/NDF : 31.1/28

Out: -2.515 ± 12.780 χ^2/NDF : 42.8/31

All: -13.127 ± 9.125 χ^2/NDF : 75.2/60

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.380+/-0.010 χ^2/NDF : 203851.4/12

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 48.160+/-0.011 χ^2/NDF : 103245.1/11

Left: 47.234+/-0.008 χ^2/NDF : 320904.4/24

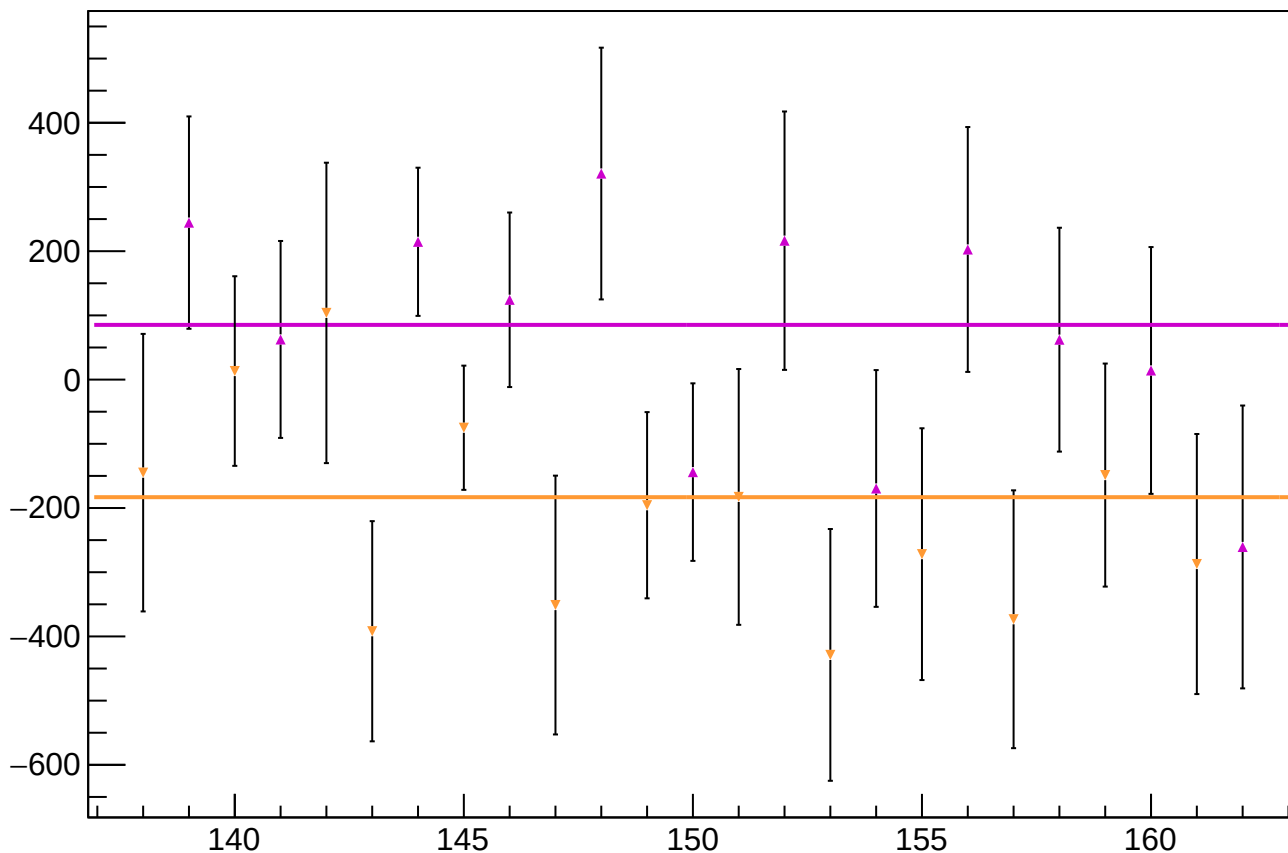
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 51.522+/-0.009 χ^2/NDF : 1661256.2/28

Out: 50.717+/-0.009 χ^2/NDF : 2372208.5/31

All: 51.112+/-0.006 χ^2/NDF : 4037354.0/60

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -183.135 $\pm$ 46.719 χ^2 /NDF:9.7/12

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

Left In: 85.216 $\pm$ 47.201 χ^2 /NDF:11.8/11

Left: -50.336 $\pm$ 33.205 χ^2 /NDF: 37.9/24

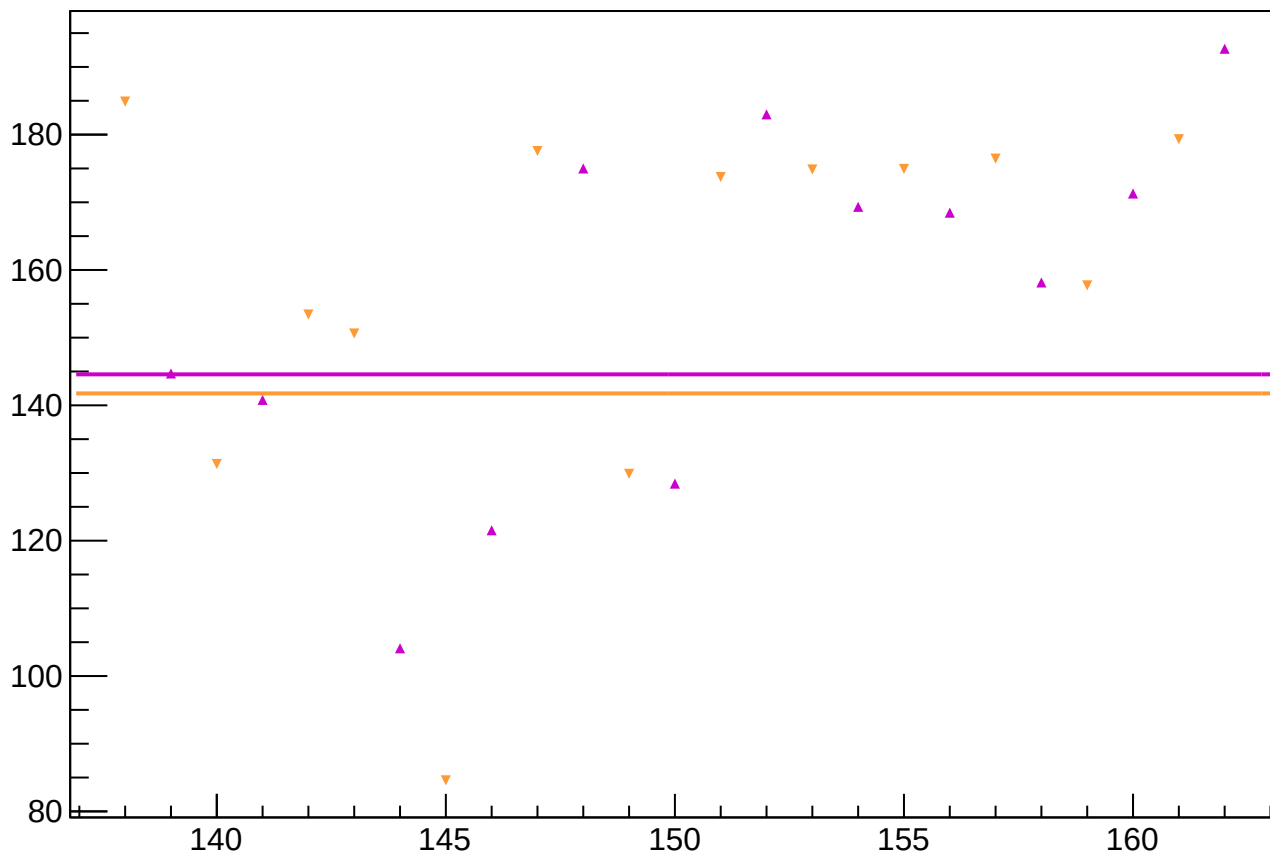
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 85.216 $\pm$ 47.201 χ^2 /NDF:11.8/11

Out: -183.135 $\pm$ 46.719 χ^2 /NDF:9.7/12

All: -50.336 $\pm$ 33.205 χ^2 /NDF: 37.9/24

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: 141.760+/-0.033 χ^2/NDF :1186271.2/12

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

Left In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Left: 143.154+/-0.023 χ^2/NDF : 1856637.0/24

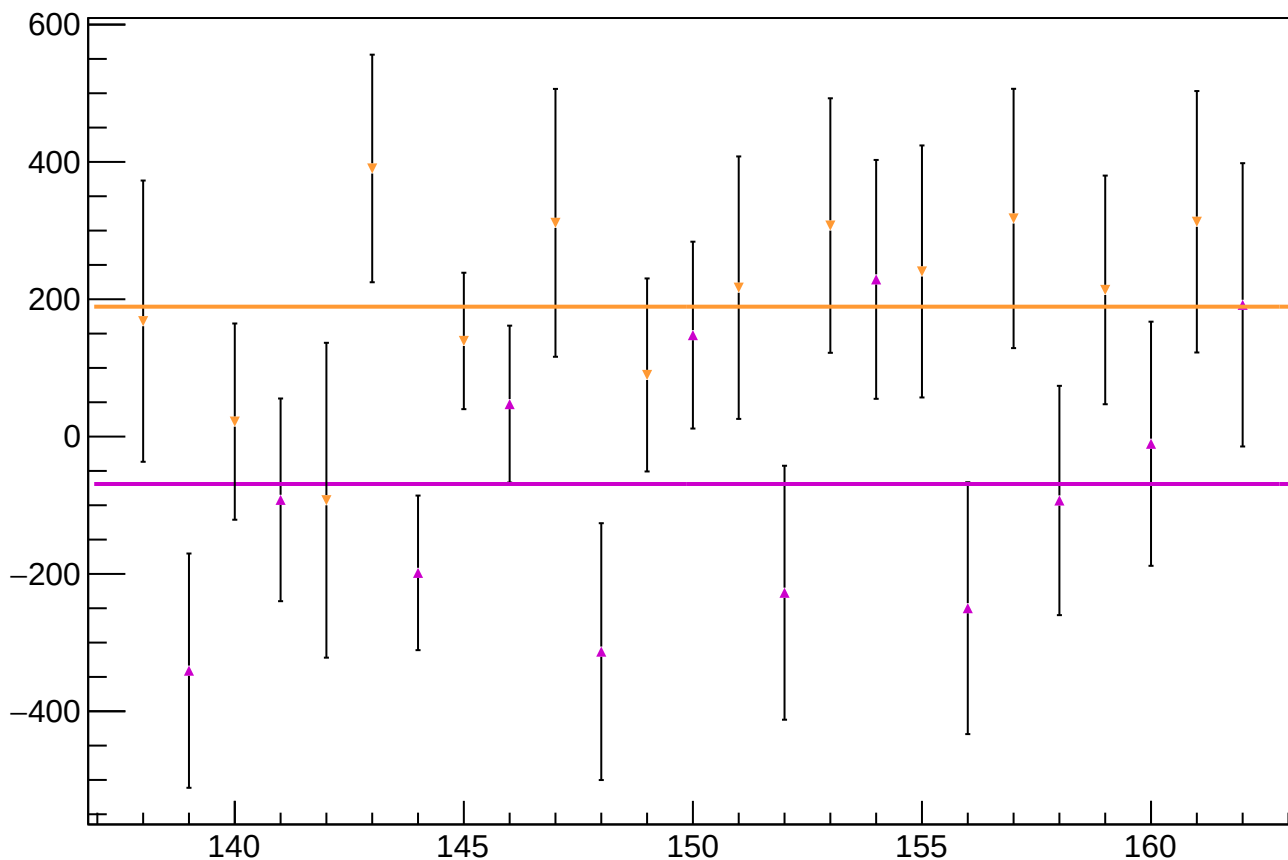
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Out: 141.760+/-0.033 χ^2/NDF :1186271.2/12

All: 143.154+/-0.023 χ^2/NDF : 1856637.0/24

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 189.194+/-45.435 χ^2/NDF :6.9/12

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

Left In: -69.044+/-44.656 χ^2/NDF :15.5/11

Left: 57.843+/-31.848 χ^2/NDF : 38.9/24

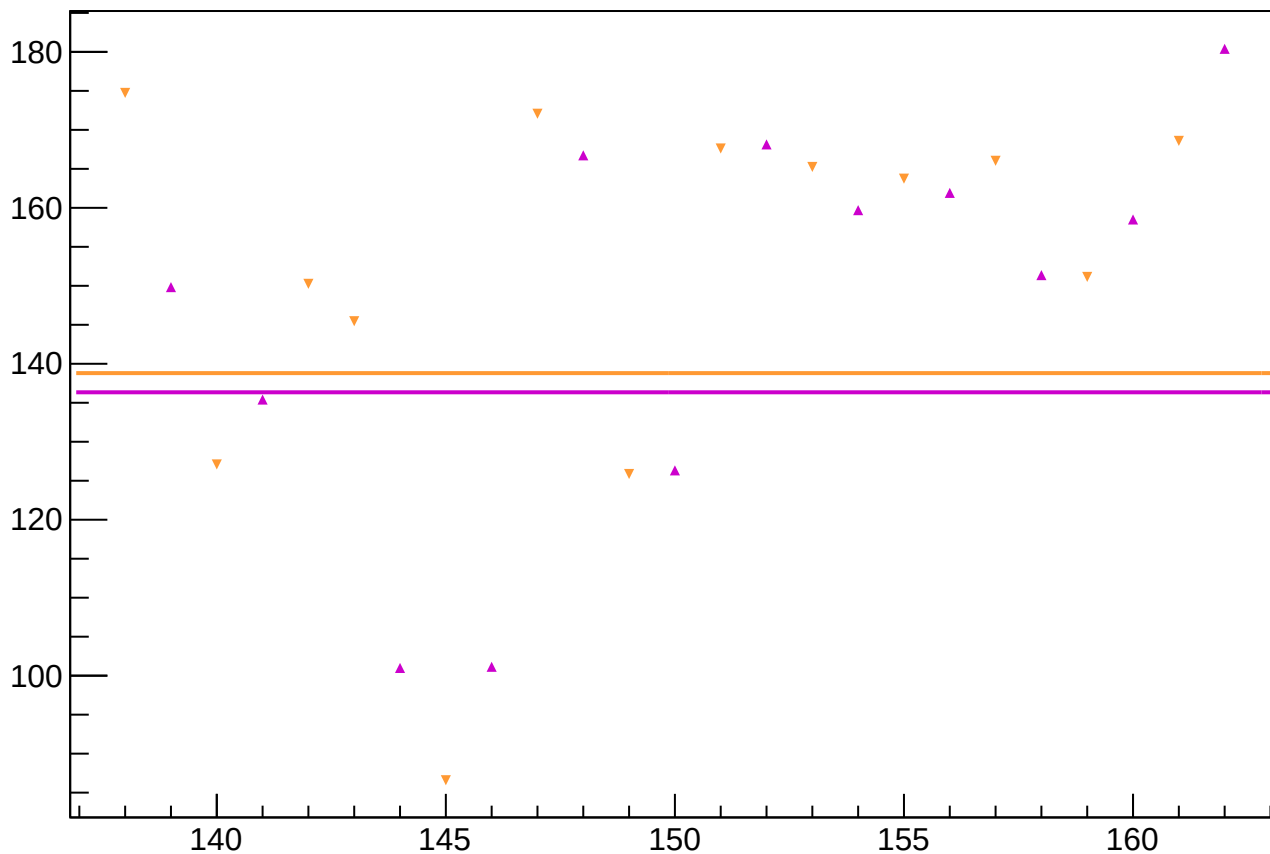
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.044+/-44.656 χ^2/NDF :15.5/11

Out: 189.194+/-45.435 χ^2/NDF :6.9/12

All: 57.843+/-31.848 χ^2/NDF : 38.9/24

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

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: 137.552+/-0.023 χ^2/NDF : 1674660.9/24

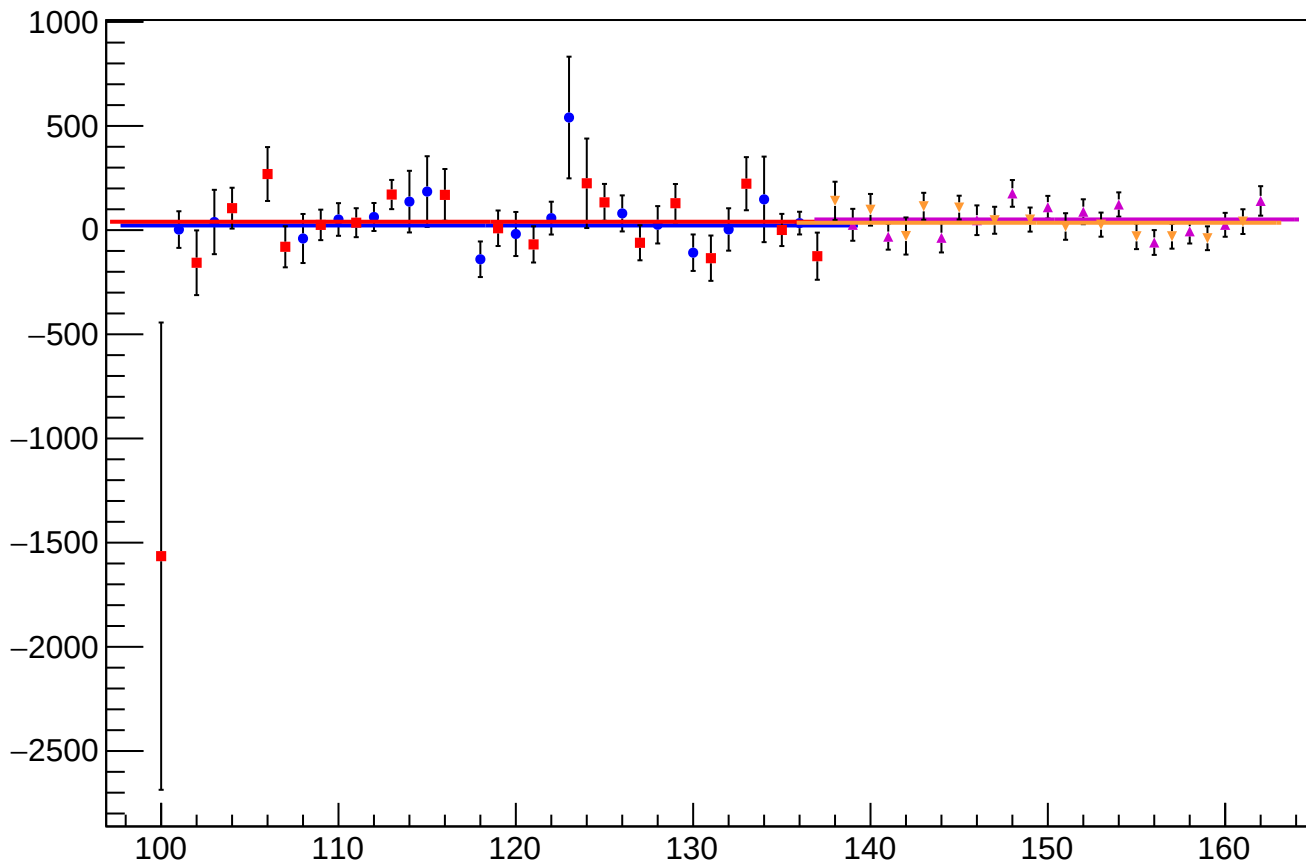
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.343+/-0.032 χ^2/NDF : 735989.6/11

Out: 138.803+/-0.032 χ^2/NDF : 935688.2/12

All: 137.552+/-0.023 χ^2/NDF : 1674660.9/24

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 35.365 $\pm$ 17.721 χ^2 /NDF:9.8/12

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 51.147 $\pm$ 18.082 χ^2 /NDF:16.5/11

Left: 43.097 $\pm$ 12.656 χ^2 /NDF: 26.7/24

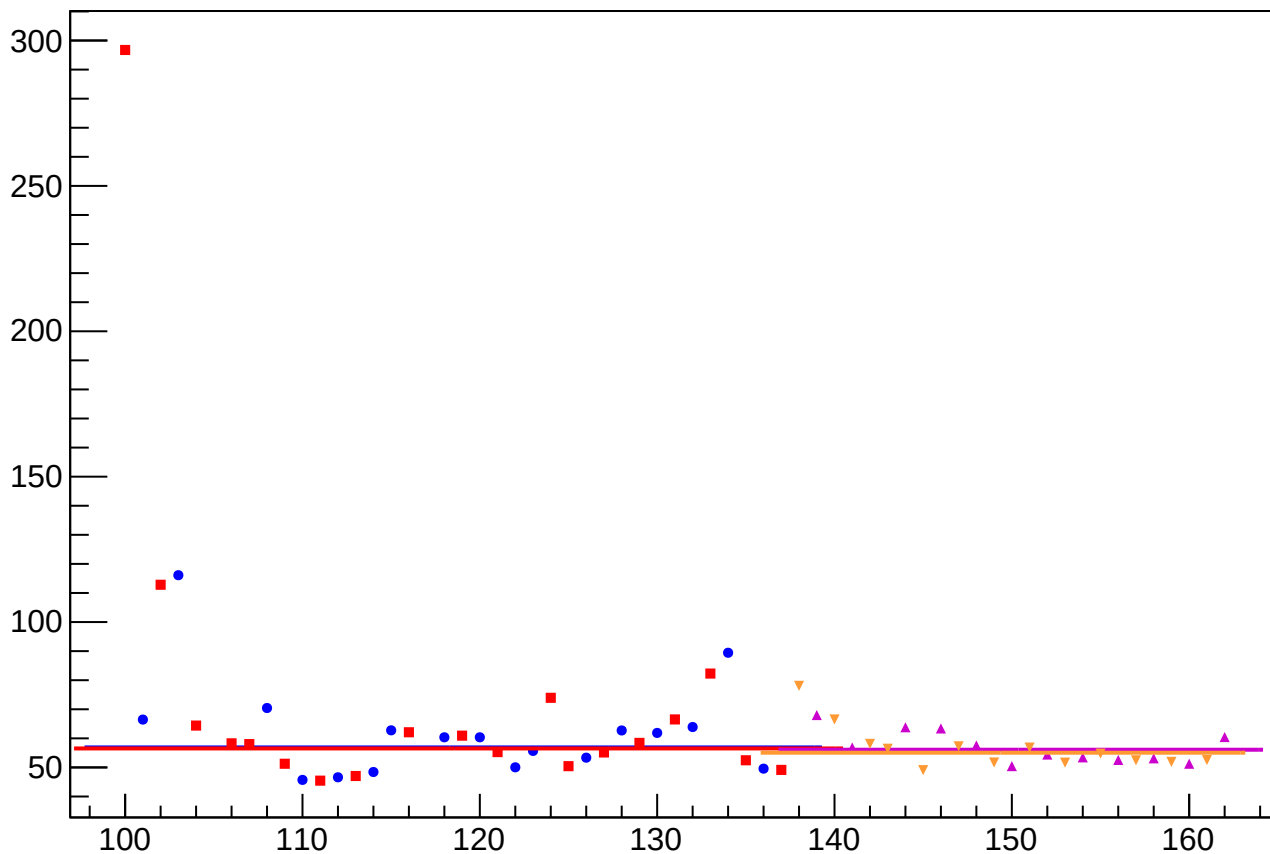
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 39.928 $\pm$ 14.125 χ^2 /NDF:30.1/28

Out: 37.270 $\pm$ 13.833 χ^2 /NDF:36.1/31

All: 38.571 $\pm$ 9.883 χ^2 /NDF: 66.2/60

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.063 $\pm$ 0.013 χ^2 /NDF: 226944.2/12

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.088 $\pm$ 0.013 χ^2 /NDF: 155803.0/11

Left: 55.565 $\pm$ 0.009 χ^2 /NDF: 386020.8/24

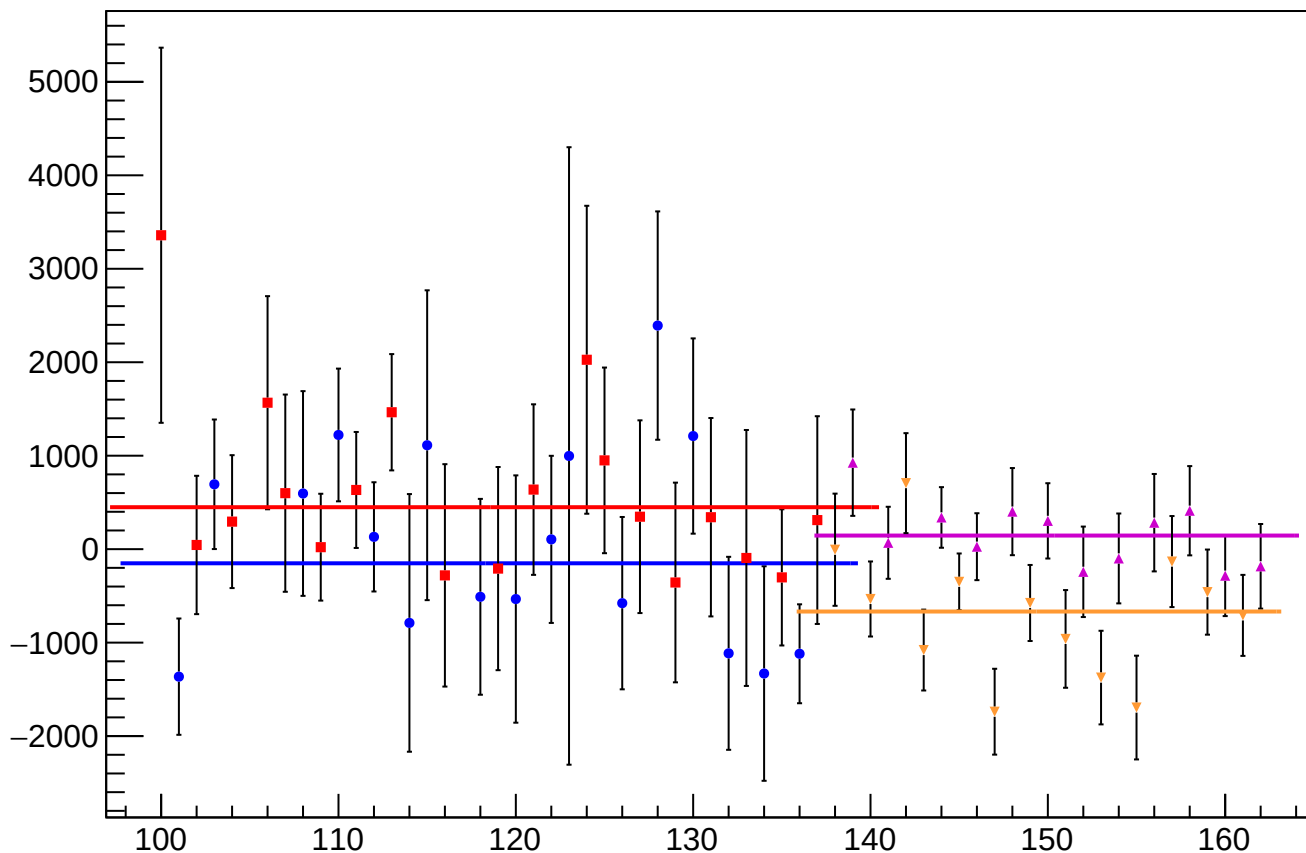
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.396 $\pm$ 0.010 χ^2 /NDF: 732782.3/28

Out: 55.635 $\pm$ 0.010 χ^2 /NDF: 844552.4/31

All: 56.008 $\pm$ 0.007 χ^2 /NDF: 1580294.9/60

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -667.258 $\pm$ 124.302 χ^2 /NDF:22.6/12

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 145.540 $\pm$ 124.228 χ^2 /NDF:5.6/11

Left: -260.616 $\pm$ 87.869 χ^2 /NDF: 49.6/24

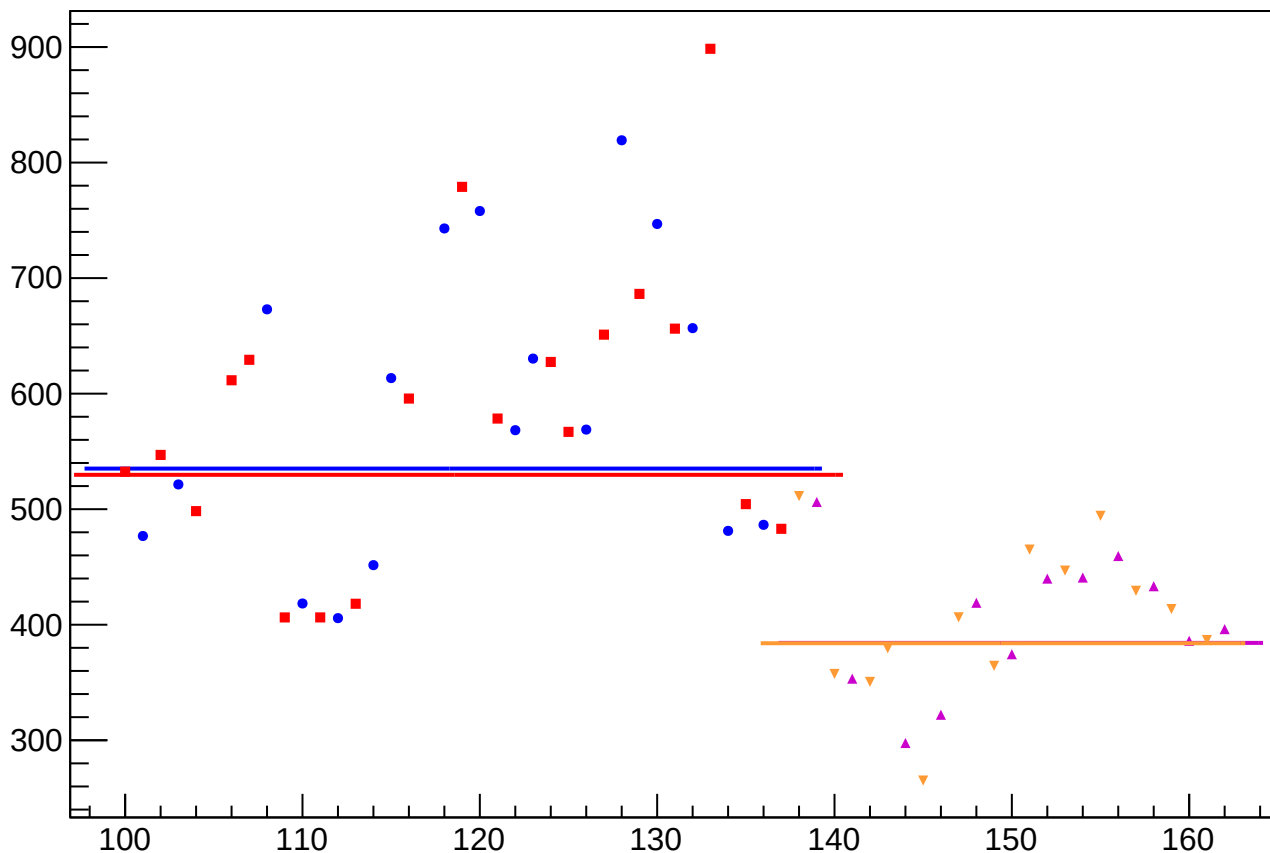
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 69.931 $\pm$ 107.239 χ^2 /NDF:29.5/28

Out: -365.045 $\pm$ 106.149 χ^2 /NDF:54.9/31

All: -149.780 $\pm$ 75.441 χ^2 /NDF: 92.8/60

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 383.973+/-0.088 χ^2/NDF : 607744.9/12

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 384.273+/-0.088 χ^2/NDF : 438528.1/11

Left: 384.123+/-0.062 χ^2/NDF : 1046278.9/24

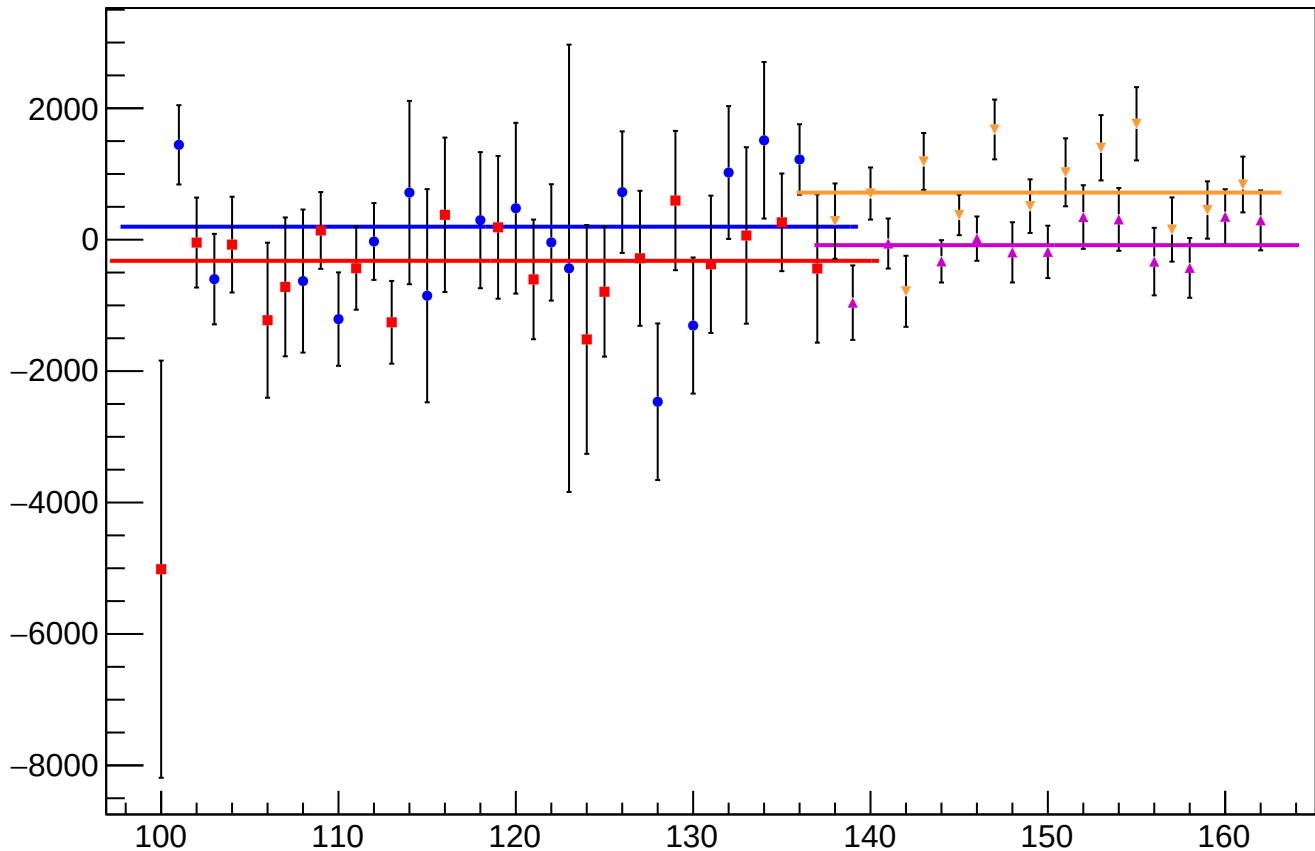
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 422.714+/-0.076 χ^2/NDF : 1786182.4/28

Out: 423.442+/-0.075 χ^2/NDF : 1999229.7/31

All: 423.082+/-0.053 χ^2/NDF : 3785458.7/60

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 717.095 $\pm$ 123.555 χ^2 /NDF:23.0/12

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -83.358 $\pm$ 121.897 χ^2 /NDF:7.2/11

Left: 311.462 $\pm$ 86.774 χ^2 /NDF: 51.4/24

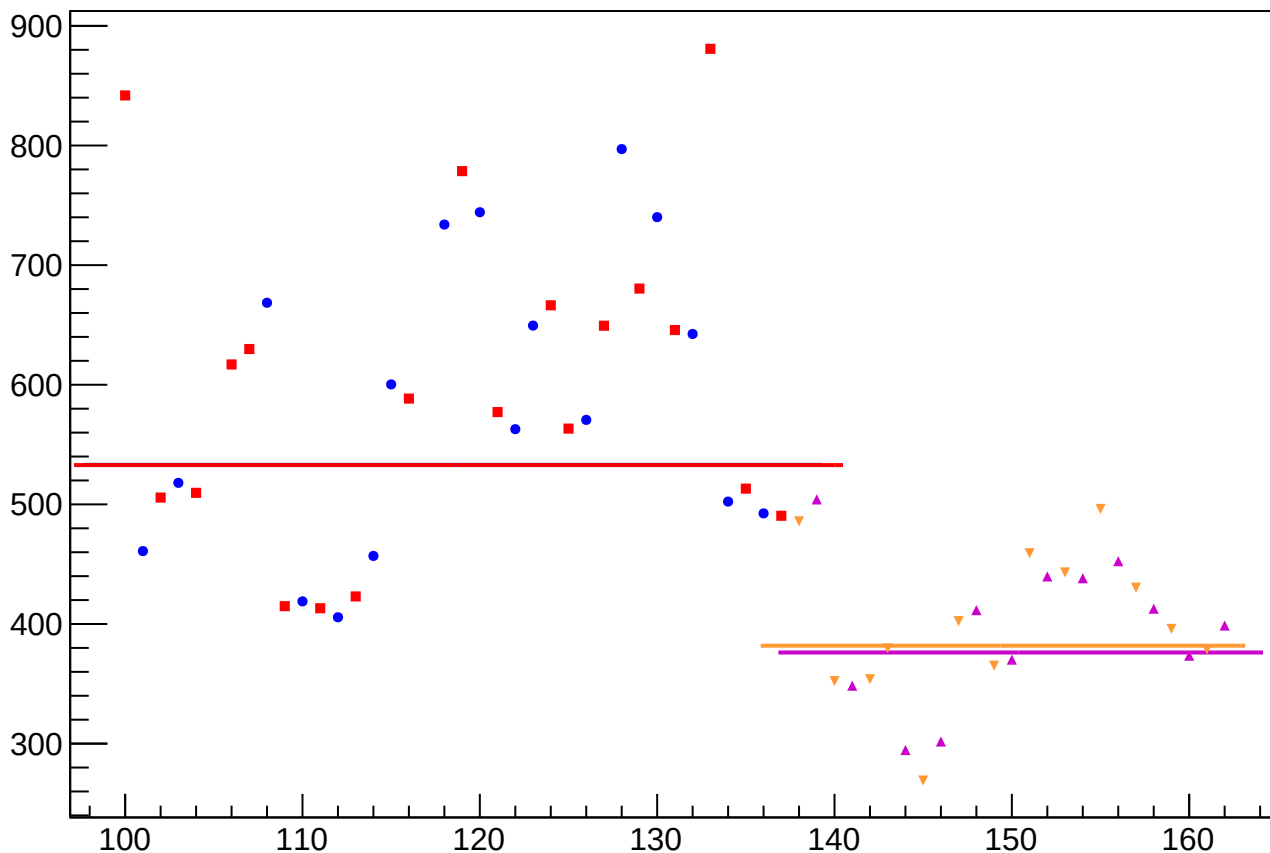
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -13.302 $\pm$ 105.609 χ^2 /NDF:32.5/28

Out: 440.865 $\pm$ 105.858 χ^2 /NDF:50.7/31

All: 213.248 $\pm$ 74.765 χ^2 /NDF: 92.3/60

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 381.863 $\pm$ 0.087 χ^2/NDF : 537839.8/12

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 376.182 $\pm$ 0.086 χ^2/NDF : 480863.4/11

Left: 378.984 $\pm$ 0.061 χ^2/NDF : 1020846.4/24

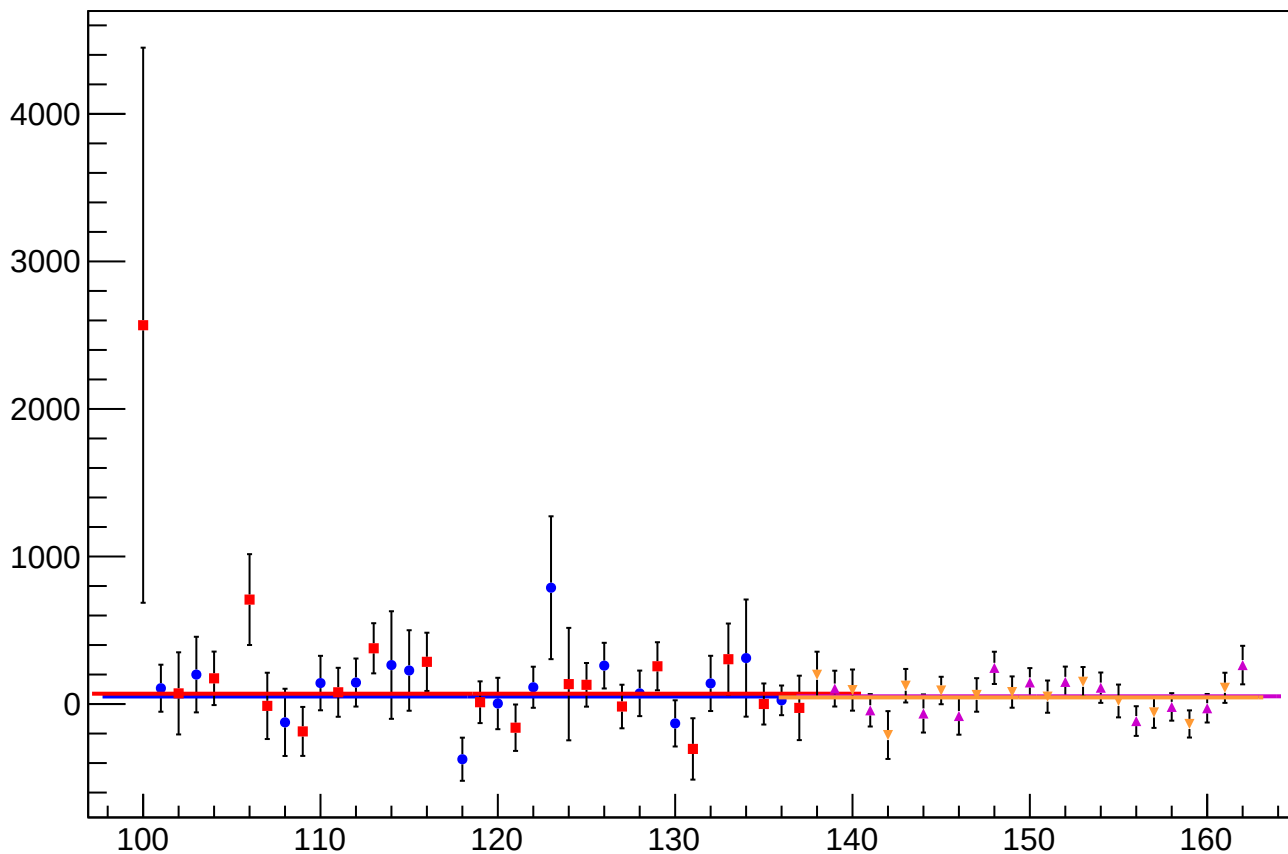
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 415.297 $\pm$ 0.075 χ^2/NDF : 1873521.0/28

Out: 422.020 $\pm$ 0.075 χ^2/NDF : 1949169.0/31

All: 418.651 $\pm$ 0.053 χ^2/NDF : 3826732.3/60

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 44.914 $\pm$ 30.731 χ^2 /NDF:10.8/12

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 52.455 $\pm$ 31.151 χ^2 /NDF:14.8/11

Left: 48.633 $\pm$ 21.877 χ^2 /NDF: 25.6/24

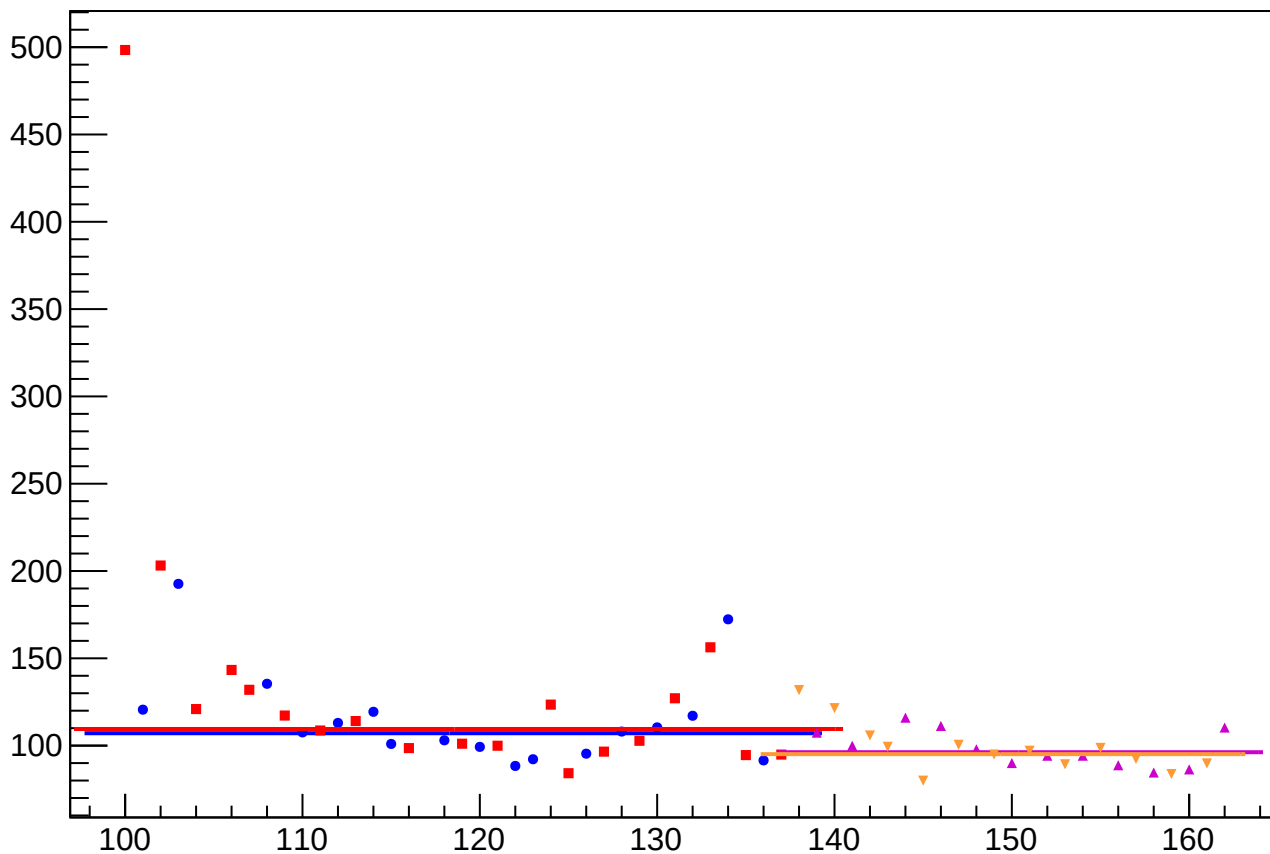
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 52.003 $\pm$ 25.107 χ^2 /NDF:32.2/28

Out: 53.474 $\pm$ 24.961 χ^2 /NDF:33.2/31

All: 52.743 $\pm$ 17.702 χ^2 /NDF: 65.4/60

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.123 $\pm$ 0.022 χ^2 /NDF:297550.4/12

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 96.230 $\pm$ 0.022 χ^2 /NDF:190875.2/11

Left: 95.669 $\pm$ 0.015 χ^2 /NDF: 489705.5/24

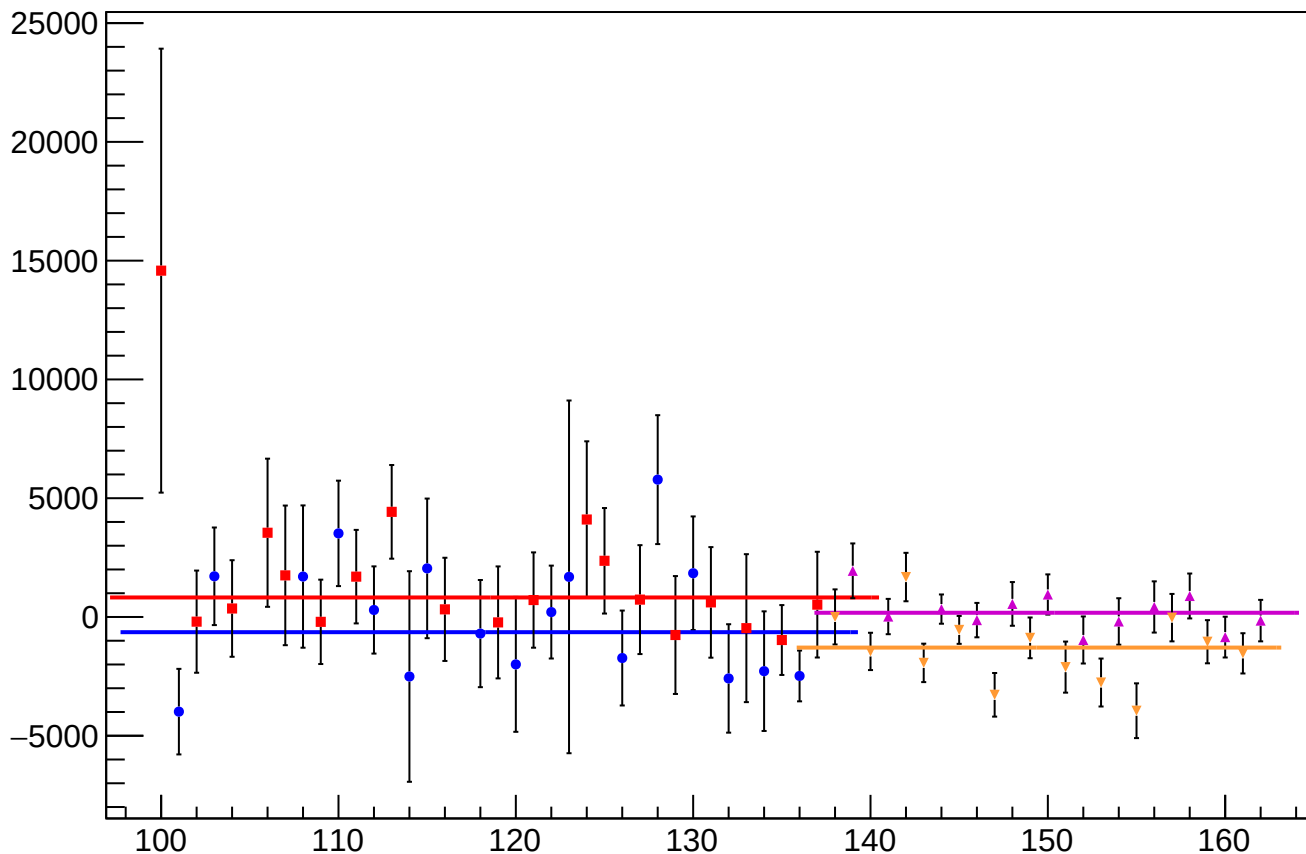
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.036 $\pm$ 0.018 χ^2 /NDF:713864.2/28

Out: 100.025 $\pm$ 0.018 χ^2 /NDF:1038651.4/31

All: 100.031 $\pm$ 0.013 χ^2 /NDF: 1752515.8/60

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1288.287 $\pm$ 246.096 χ^2 /NDF:26.7/12

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 177.225 $\pm$ 246.955 χ^2 /NDF:7.3/11

Left: -558.082 $\pm$ 174.319 χ^2 /NDF: 51.7/24

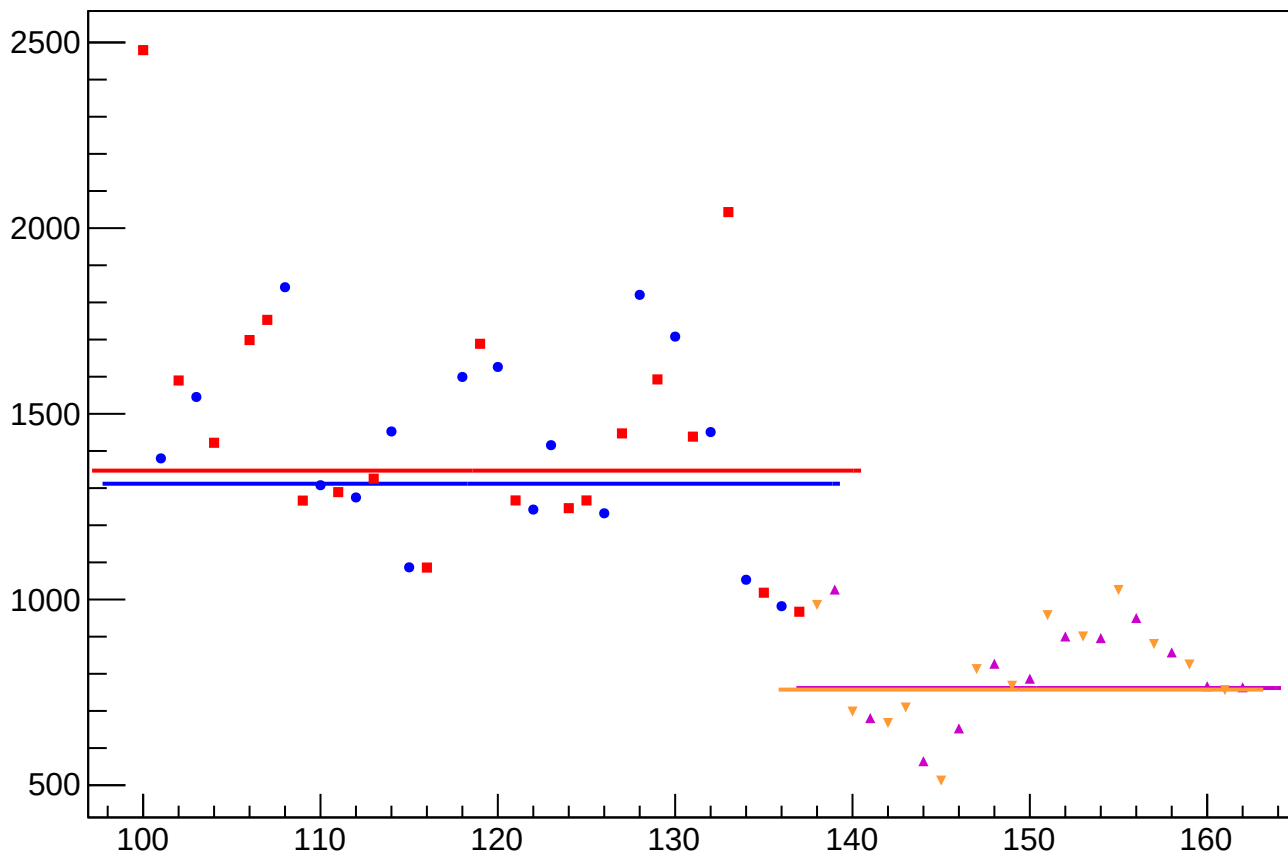
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 26.500 $\pm$ 223.017 χ^2 /NDF:31.1/28

Out: -896.909 $\pm$ 222.100 χ^2 /NDF:51.3/31

All: -437.106 $\pm$ 157.371 χ^2 /NDF: 91.0/60

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 757.431 $\pm$ 0.174 χ^2 /NDF: 726620.7/12

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 761.699 $\pm$ 0.175 χ^2 /NDF: 550143.4/11

Left: 759.558 $\pm$ 0.123 χ^2 /NDF: 1277063.7/24

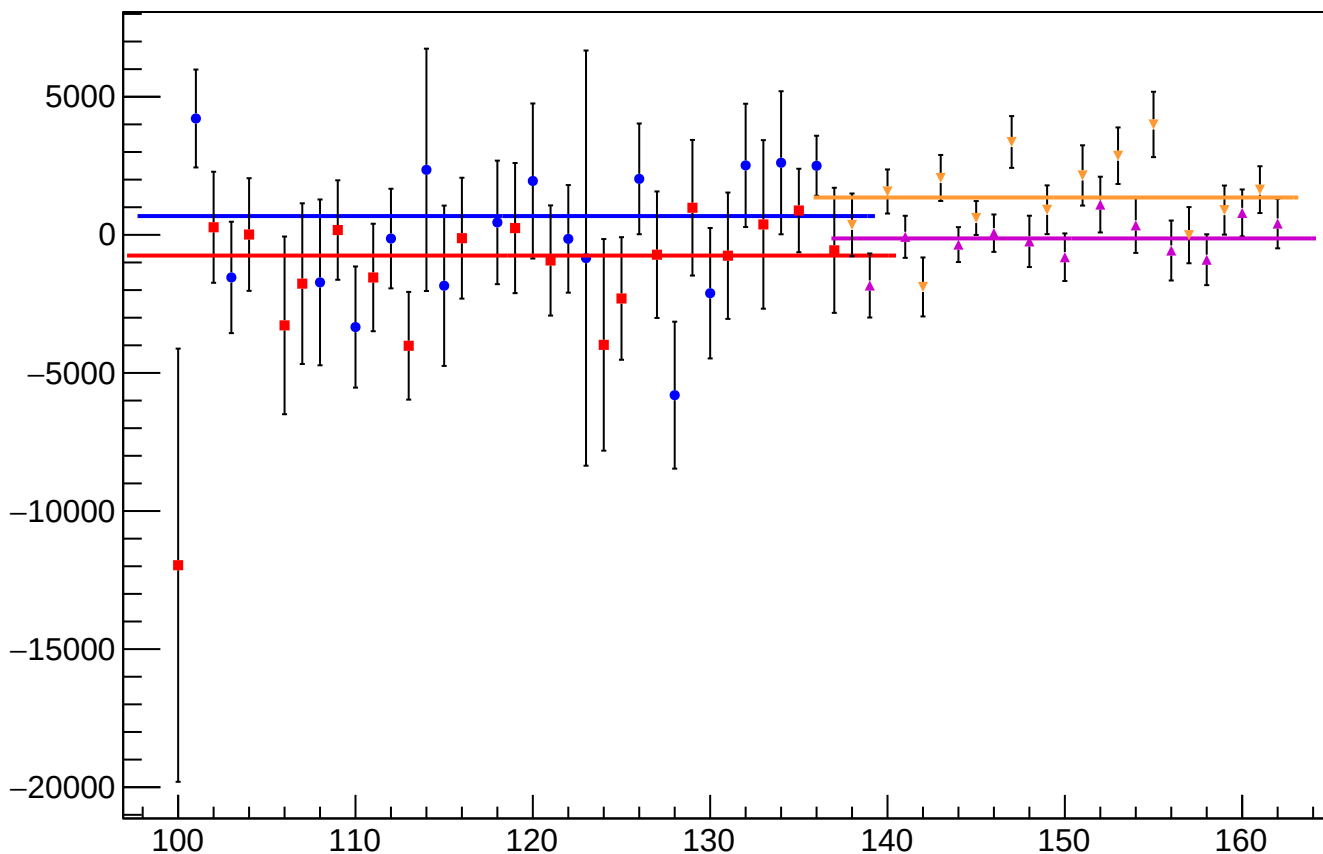
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 863.175 $\pm$ 0.158 χ^2 /NDF: 2893438.1/28

Out: 866.823 $\pm$ 0.157 χ^2 /NDF: 3347305.7/31

All: 865.006 $\pm$ 0.111 χ^2 /NDF: 6241012.5/60

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1352.599+/-251.002 χ^2/NDF :27.0/12

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -129.664+/-247.619 χ^2/NDF :7.1/11

Left: 601.410+/-176.277 χ^2/NDF : 51.7/24

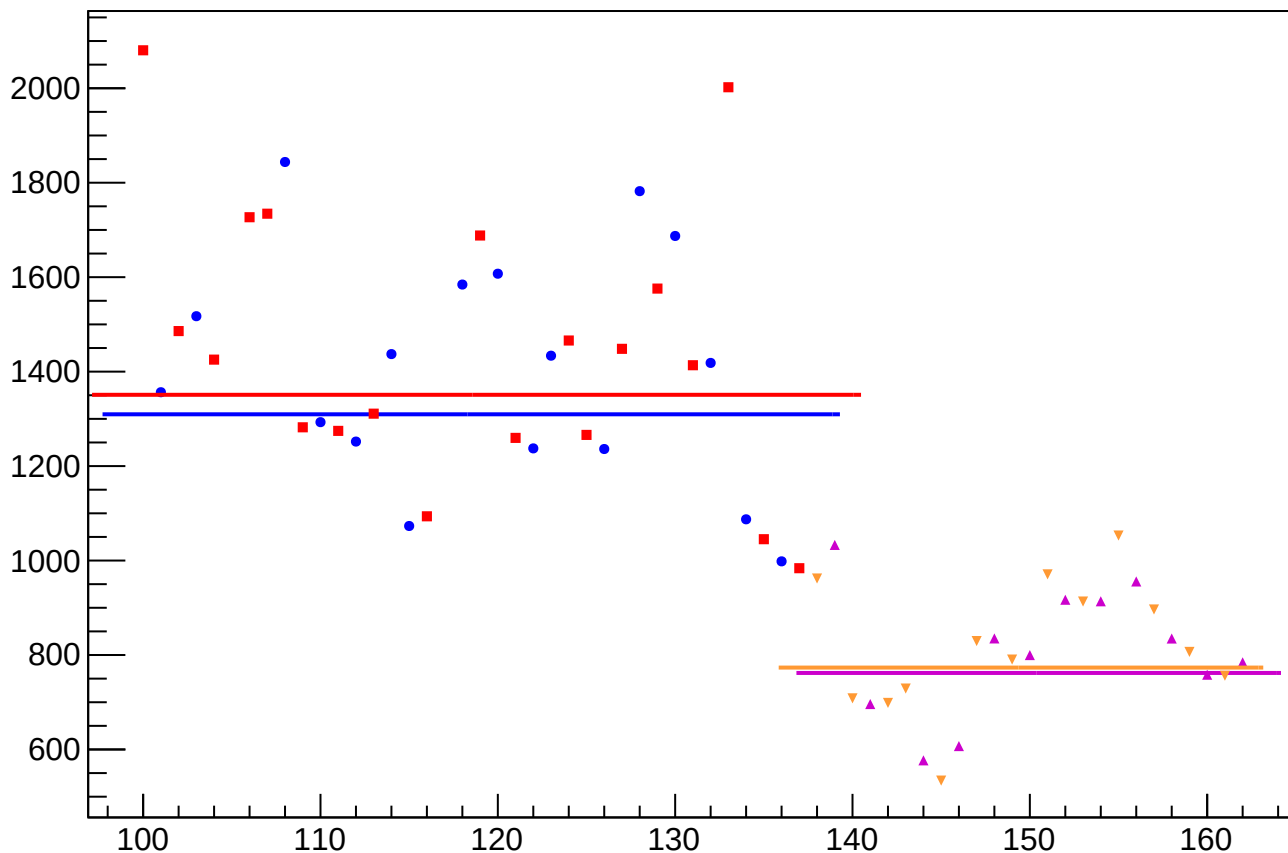
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 21.158+/-223.366 χ^2/NDF :31.7/28

Out: 950.579+/-225.731 χ^2/NDF :50.1/31

All: 480.975+/-158.773 χ^2/NDF : 90.3/60

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 773.385 $\pm$ 0.177 χ^2 /NDF: 643205.1/12

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 762.004 $\pm$ 0.175 χ^2 /NDF: 587794.1/11

Left: 767.617 $\pm$ 0.125 χ^2 /NDF: 1233083.3/24

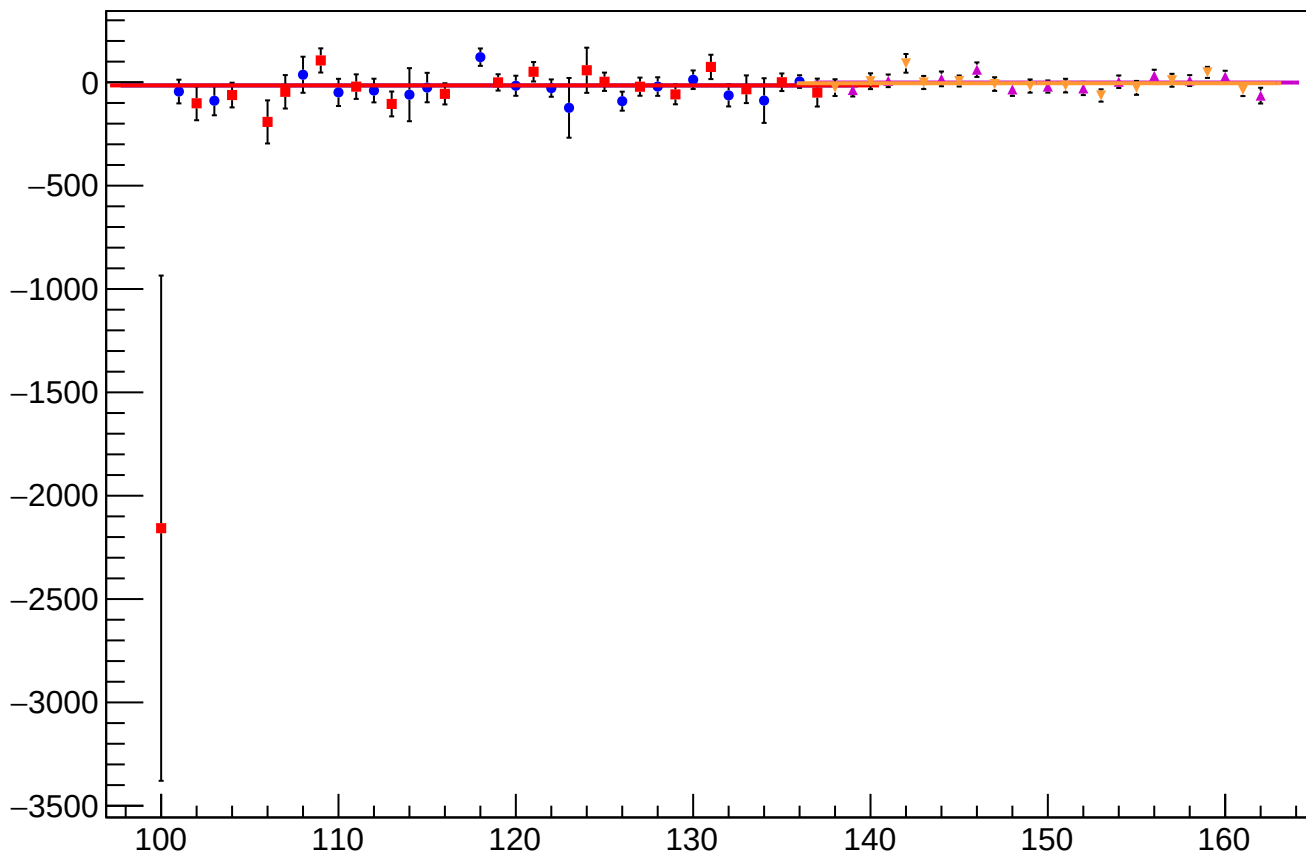
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 864.028 $\pm$ 0.158 χ^2 /NDF: 2869619.6/28

Out: 883.830 $\pm$ 0.160 χ^2 /NDF: 3090874.0/31

All: 873.825 $\pm$ 0.112 χ^2 /NDF: 5968270.0/60

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -4.552 ± 8.937 $\chi^2/\text{NDF}: 14.9/12$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -1.173 ± 8.981 $\chi^2/\text{NDF}: 12.2/11$

Left: -2.871 ± 6.335 $\chi^2/\text{NDF}: 27.2/24$

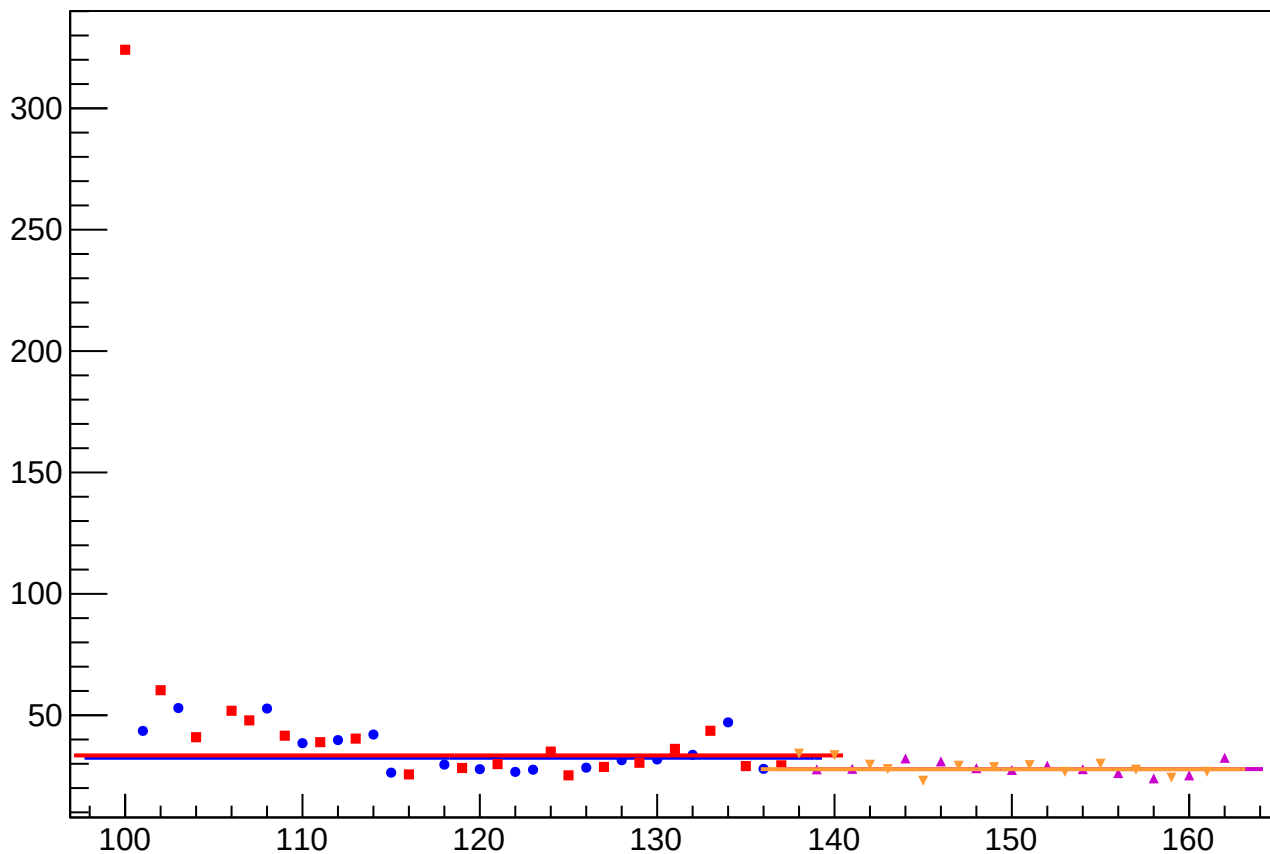
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -5.776 ± 7.372 $\chi^2/\text{NDF}: 31.4/28$

Out: -7.898 ± 7.382 $\chi^2/\text{NDF}: 36.6/31$

All: -6.836 ± 5.216 $\chi^2/\text{NDF}: 68.0/60$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.775 $\pm$ 0.006 χ^2 /NDF: 220581.5/12

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.827 $\pm$ 0.006 χ^2 /NDF: 144796.6/11

Left: 27.801 $\pm$ 0.004 χ^2 /NDF: 365411.0/24

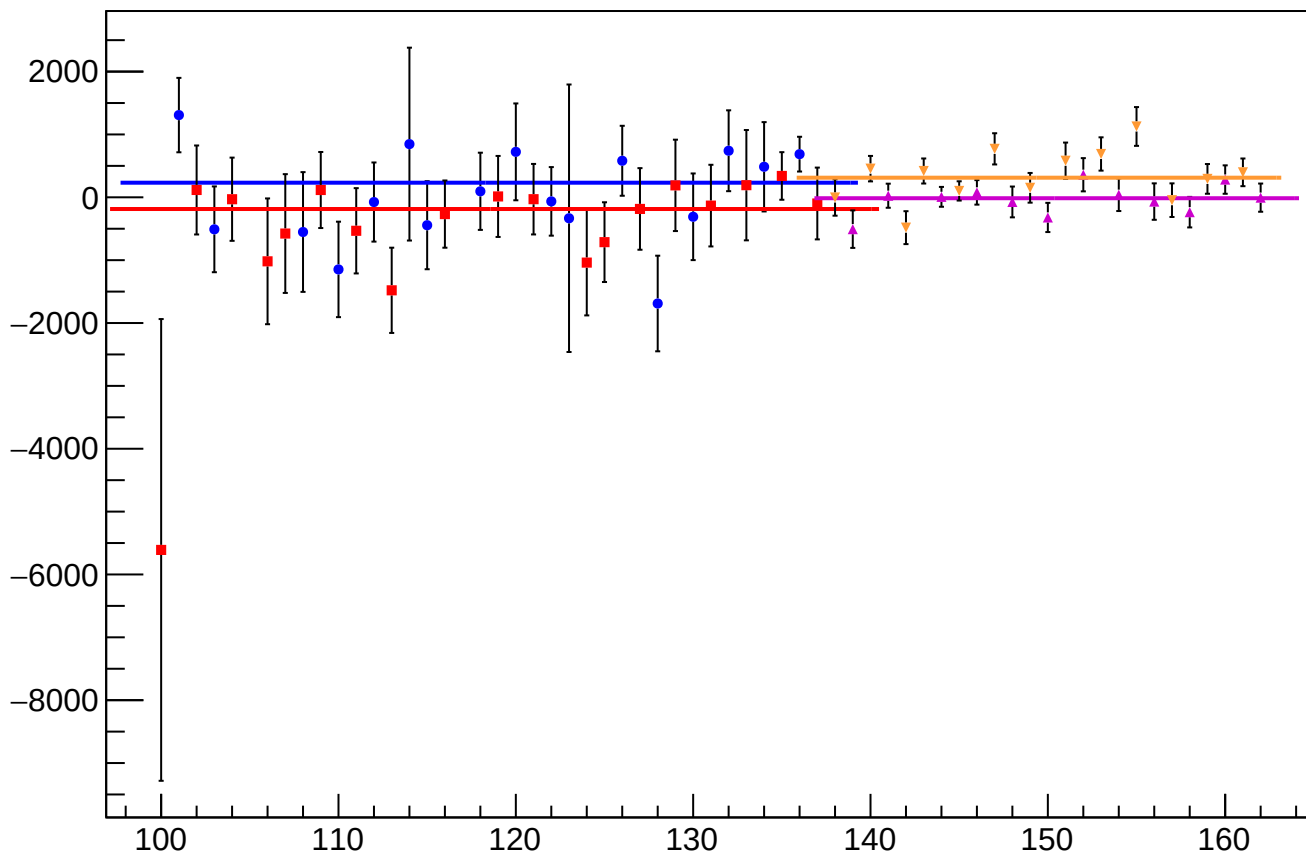
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 29.348 $\pm$ 0.005 χ^2 /NDF: 915100.5/28

Out: 29.576 $\pm$ 0.005 χ^2 /NDF: 1314615.6/31

All: 29.462 $\pm$ 0.004 χ^2 /NDF: 2230676.4/60

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 312.013 $\pm$ 64.272 χ^2 /NDF:28.8/12

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -14.616 $\pm$ 64.887 χ^2 /NDF:9.4/11

Left: 150.254 $\pm$ 45.663 χ^2 /NDF: 51.0/24

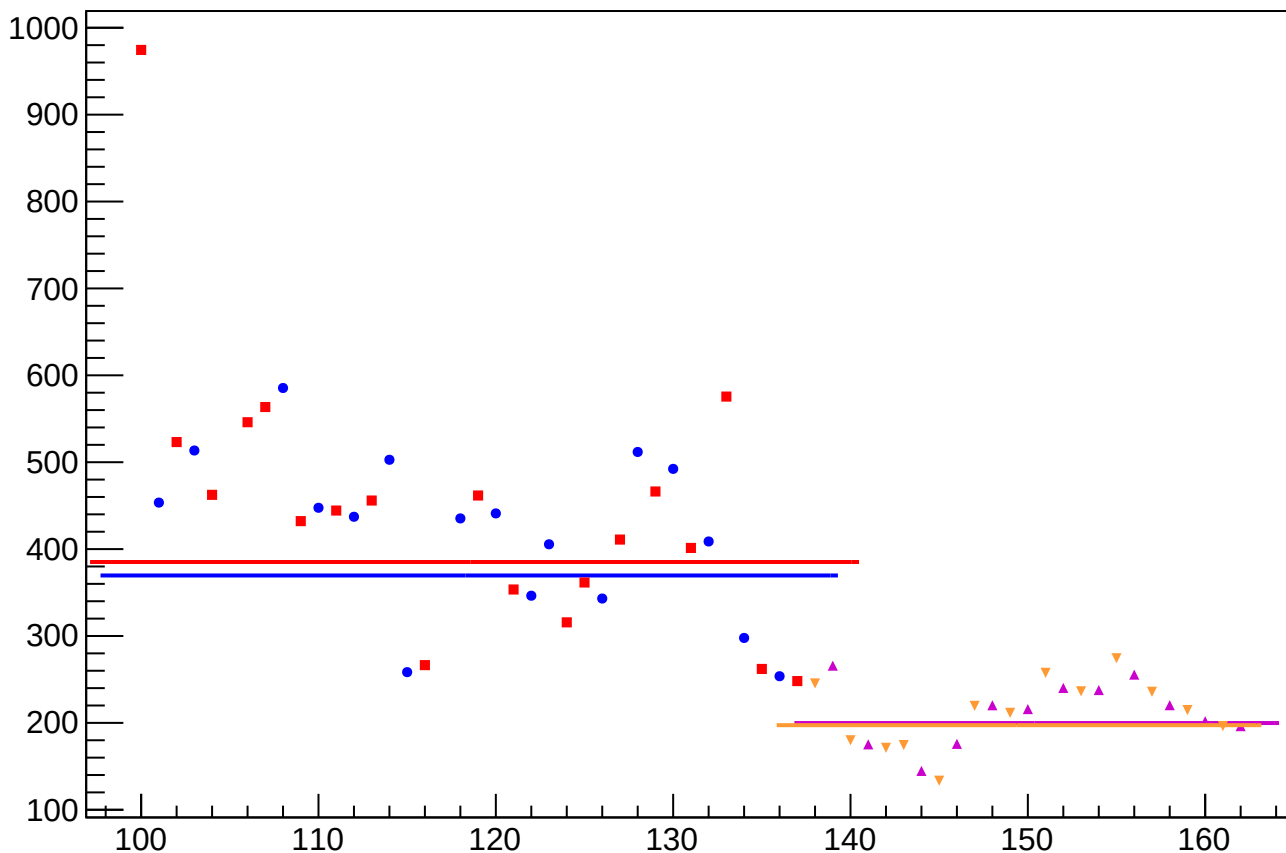
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 24.925 $\pm$ 59.465 χ^2 /NDF:33.2/28

Out: 234.627 $\pm$ 59.069 χ^2 /NDF:49.9/31

All: 130.476 $\pm$ 41.908 χ^2 /NDF: 89.4/60

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 197.372 $\pm$ 0.045 χ^2 /NDF: 794353.2/12

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 199.822 $\pm$ 0.046 χ^2 /NDF: 606066.9/11

Left: 198.585 $\pm$ 0.032 χ^2 /NDF: 1401859.8/24

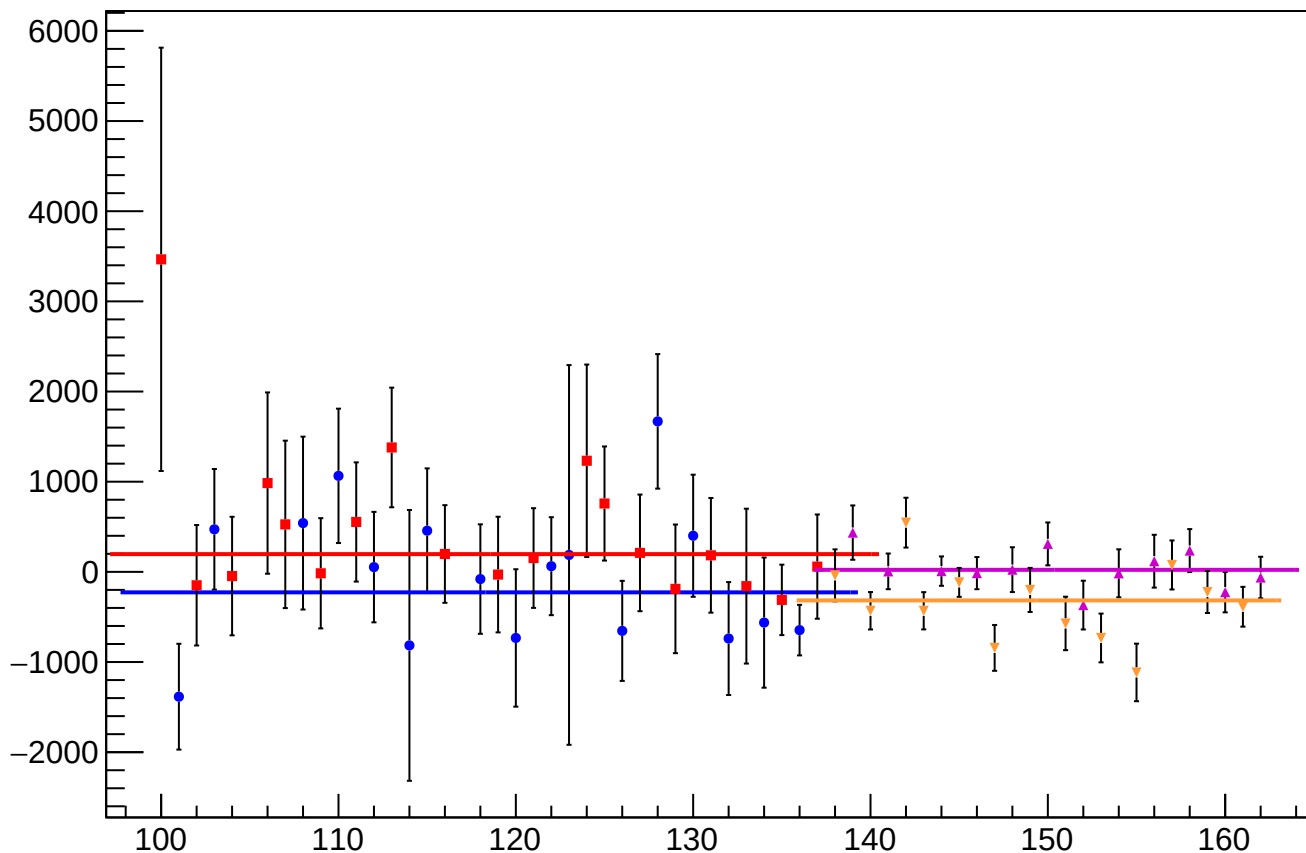
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 227.015 $\pm$ 0.042 χ^2 /NDF: 3702576.1/28

Out: 226.540 $\pm$ 0.042 χ^2 /NDF: 4372792.6/31

All: 226.776 $\pm$ 0.030 χ^2 /NDF: 8075433.0/60

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -316.602 ± 65.894 $\chi^2/\text{NDF}: 29.1/12$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 22.412 ± 65.167 $\chi^2/\text{NDF}: 7.8/11$

Left: -145.214 ± 46.335 $\chi^2/\text{NDF}: 50.2/24$

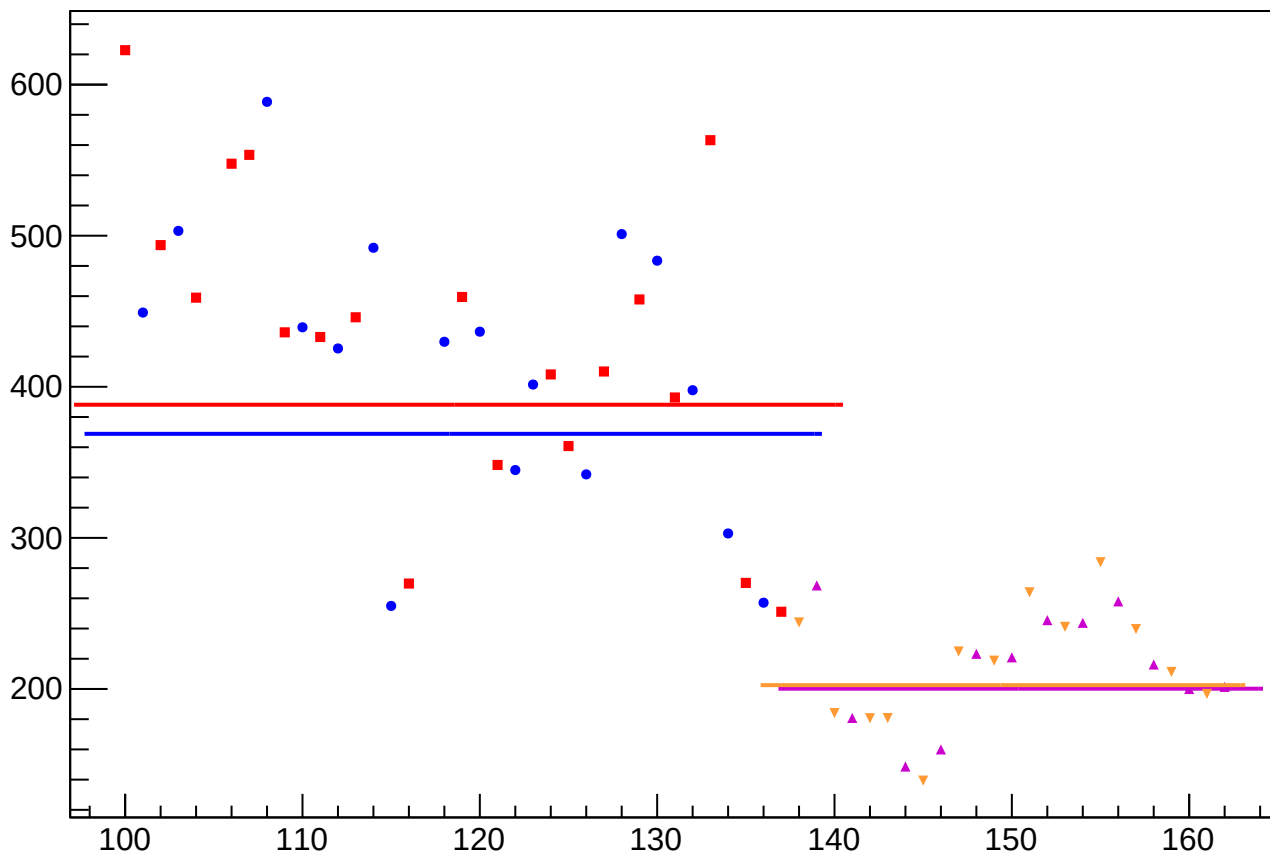
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -18.172 ± 59.636 $\chi^2/\text{NDF}: 32.0/28$

Out: -233.725 ± 60.341 $\chi^2/\text{NDF}: 49.6/31$

All: -124.682 ± 42.416 $\chi^2/\text{NDF}: 88.1/60$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 202.537 $\pm$ 0.047 χ^2/NDF : 724764.7/12

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 200.184 $\pm$ 0.046 χ^2/NDF : 653452.2/11

Left: 201.348 $\pm$ 0.033 χ^2/NDF : 1379505.5/24

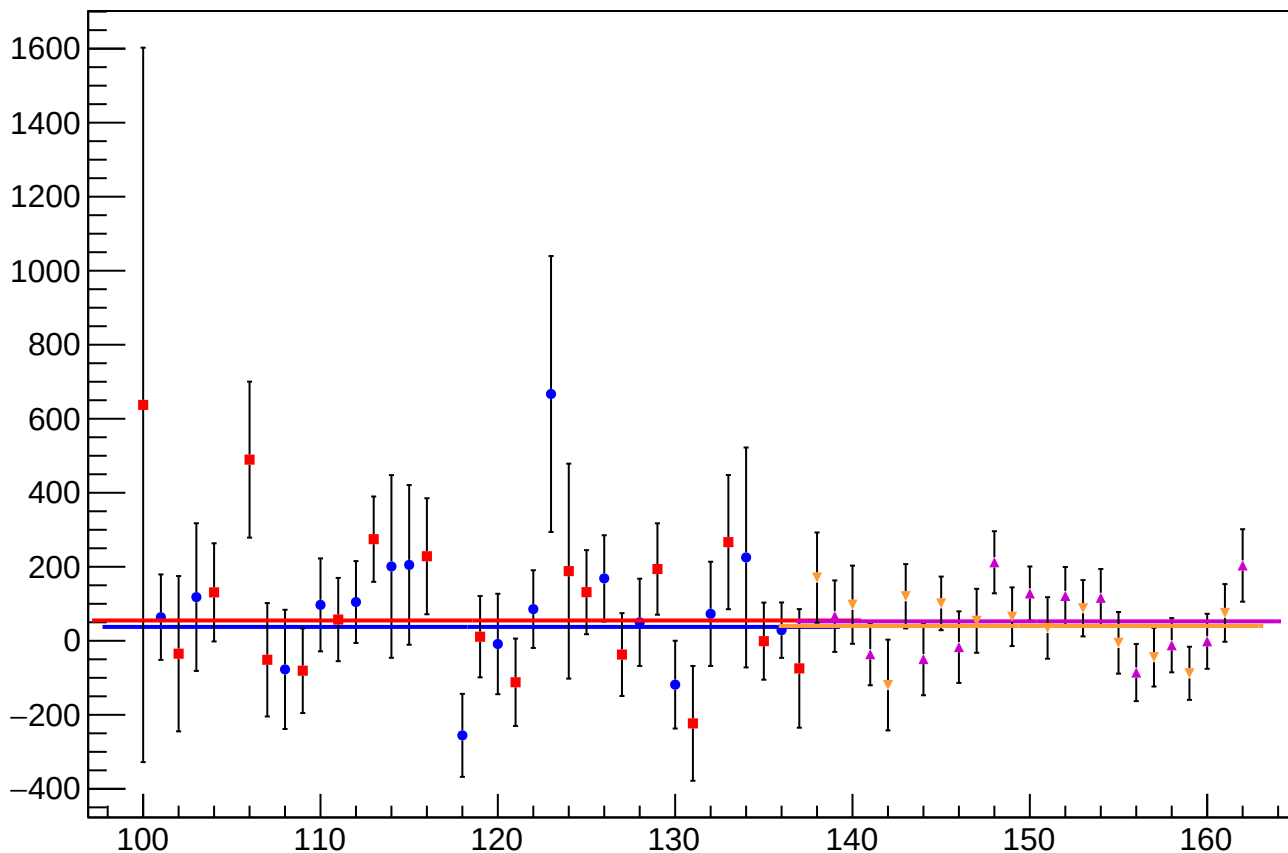
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 227.601 $\pm$ 0.042 χ^2/NDF : 3661140.8/28

Out: 232.499 $\pm$ 0.043 χ^2/NDF : 4064303.4/31

All: 230.021 $\pm$ 0.030 χ^2/NDF : 7732111.4/60

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 40.090 $\pm$ 23.447 χ^2 /NDF:10.0/12

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 52.586 $\pm$ 23.841 χ^2 /NDF:15.8/11

Left: 46.234 $\pm$ 16.717 χ^2 /NDF: 26.0/24

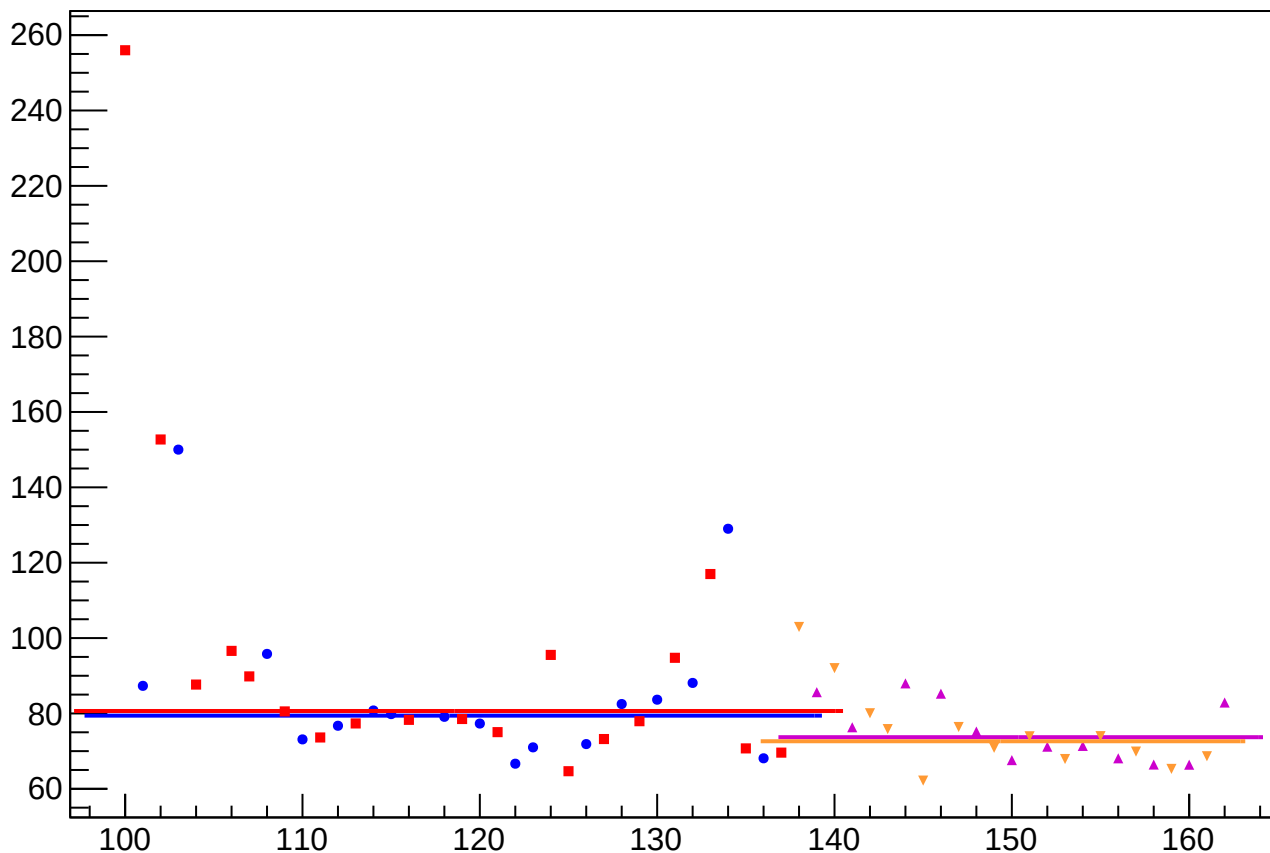
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 47.096 $\pm$ 19.001 χ^2 /NDF:31.8/28

Out: 45.374 $\pm$ 18.803 χ^2 /NDF:32.3/31

All: 46.226 $\pm$ 13.365 χ^2 /NDF: 64.1/60

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 72.621+/-0.017 χ^2/NDF : 285068.5/12

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 73.699+/-0.017 χ^2/NDF : 189261.5/11

Left: 73.151+/-0.012 χ^2/NDF : 476409.9/24

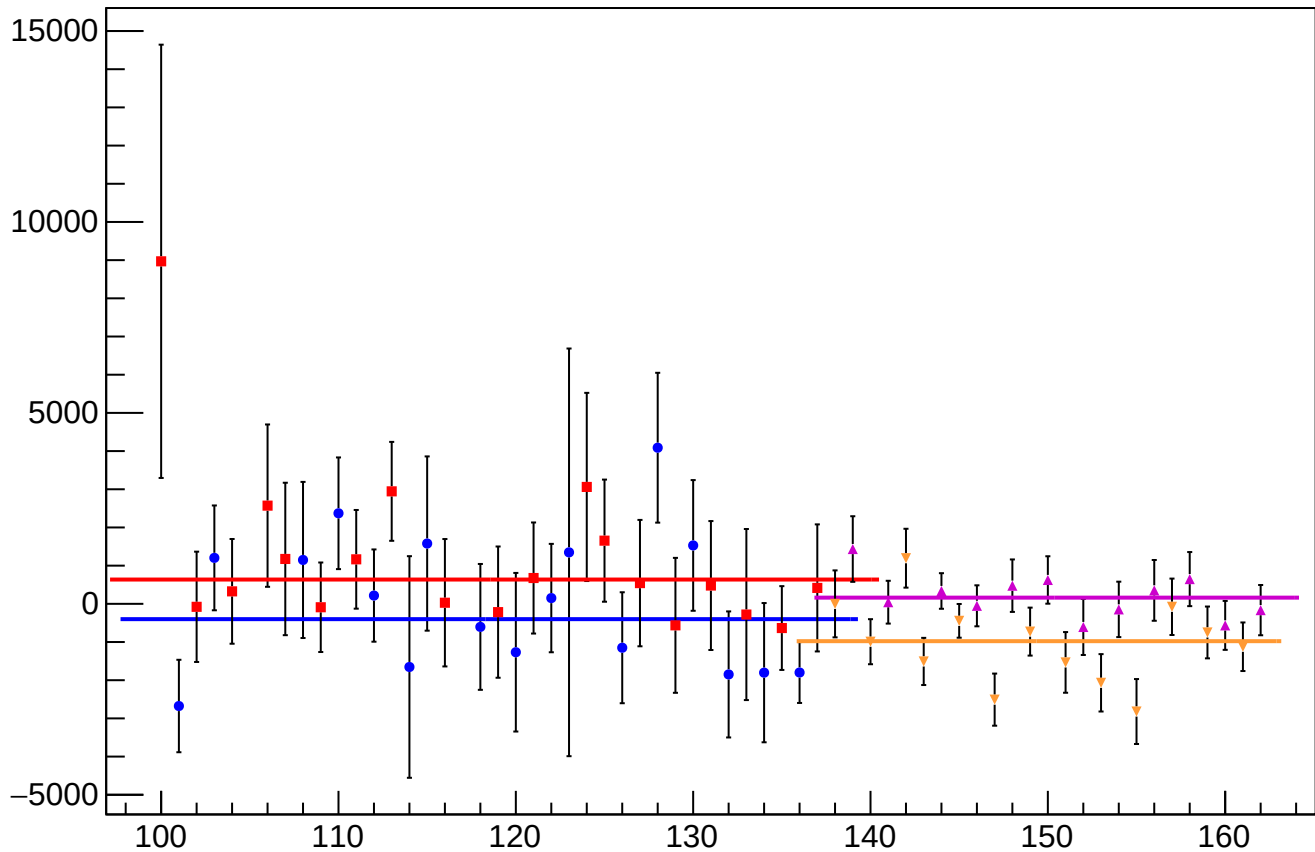
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 75.786+/-0.013 χ^2/NDF : 670339.0/28

Out: 75.487+/-0.013 χ^2/NDF : 889260.6/31

All: 75.635+/-0.009 χ^2/NDF : 1559850.2/60

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -977.860 $\pm$ 184.077 χ^2 /NDF:25.5/12

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 162.151 $\pm$ 184.426 χ^2 /NDF:6.6/11

Left: -408.934 $\pm$ 130.285 χ^2 /NDF: 51.3/24

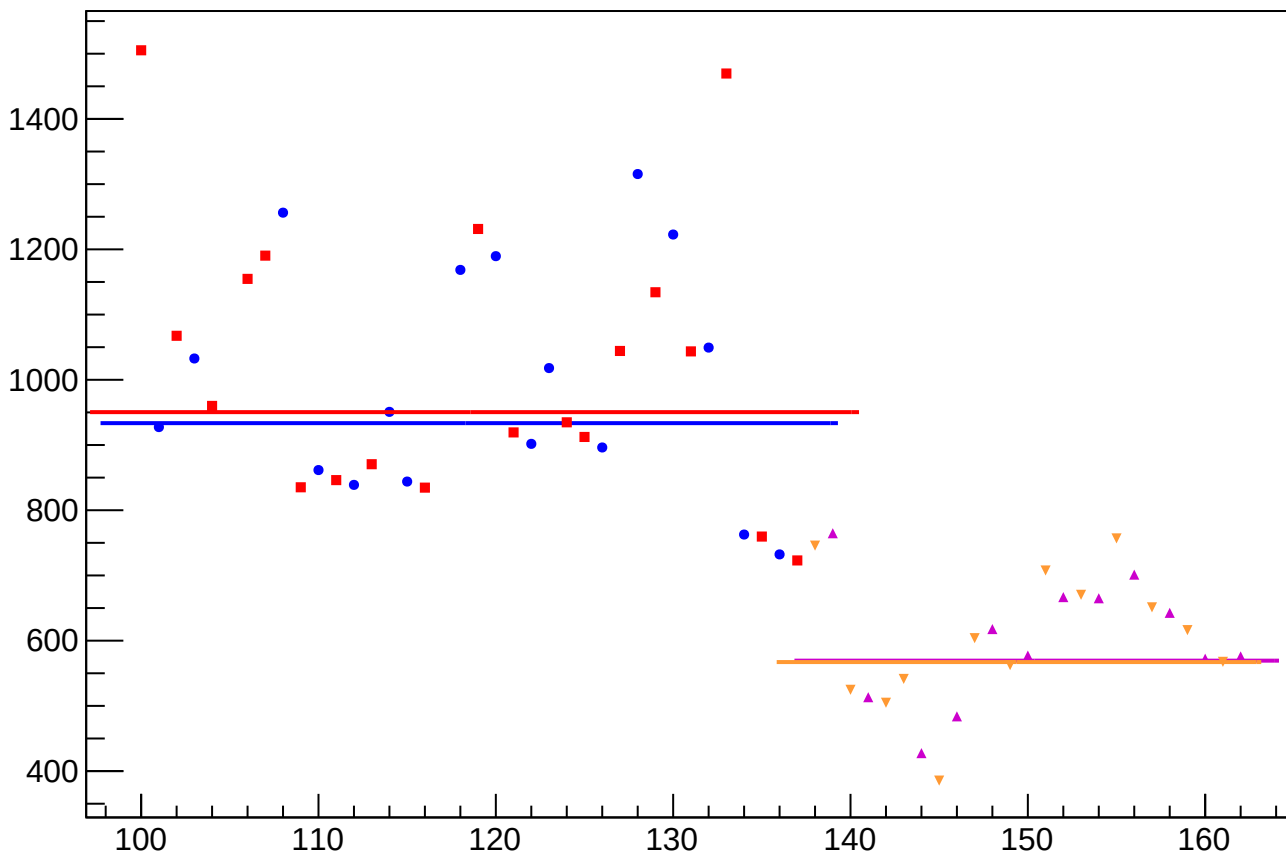
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 49.329 $\pm$ 164.922 χ^2 /NDF:30.4/28

Out: -647.606 $\pm$ 164.167 χ^2 /NDF:52.1/31

All: -300.737 $\pm$ 116.350 χ^2 /NDF: 91.5/60

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 567.197 $\pm$ 0.130 χ^2 /NDF: 690570.2/12

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 569.356 $\pm$ 0.130 χ^2 /NDF: 516130.7/11

Left: 568.274 $\pm$ 0.092 χ^2 /NDF: 1206838.1/24

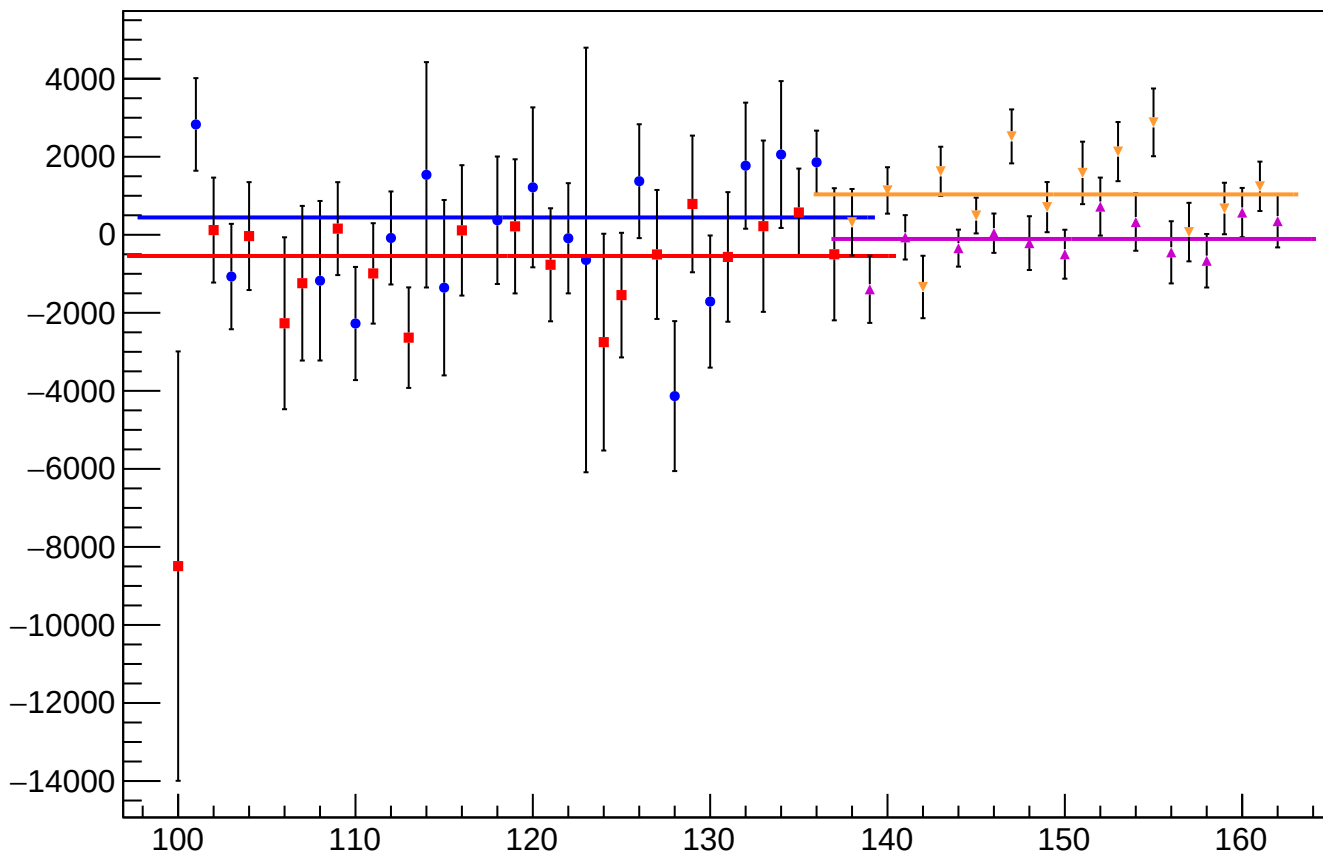
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 642.308 $\pm$ 0.117 χ^2 /NDF: 2520652.1/28

Out: 645.610 $\pm$ 0.116 χ^2 /NDF: 2888548.8/31

All: 643.967 $\pm$ 0.082 χ^2 /NDF: 5409603.5/60

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1035.481+/-186.540 χ^2/NDF :25.8/12

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -107.033+/-183.983 χ^2/NDF :7.0/11

Left: 456.341+/-130.991 χ^2/NDF : 51.9/24

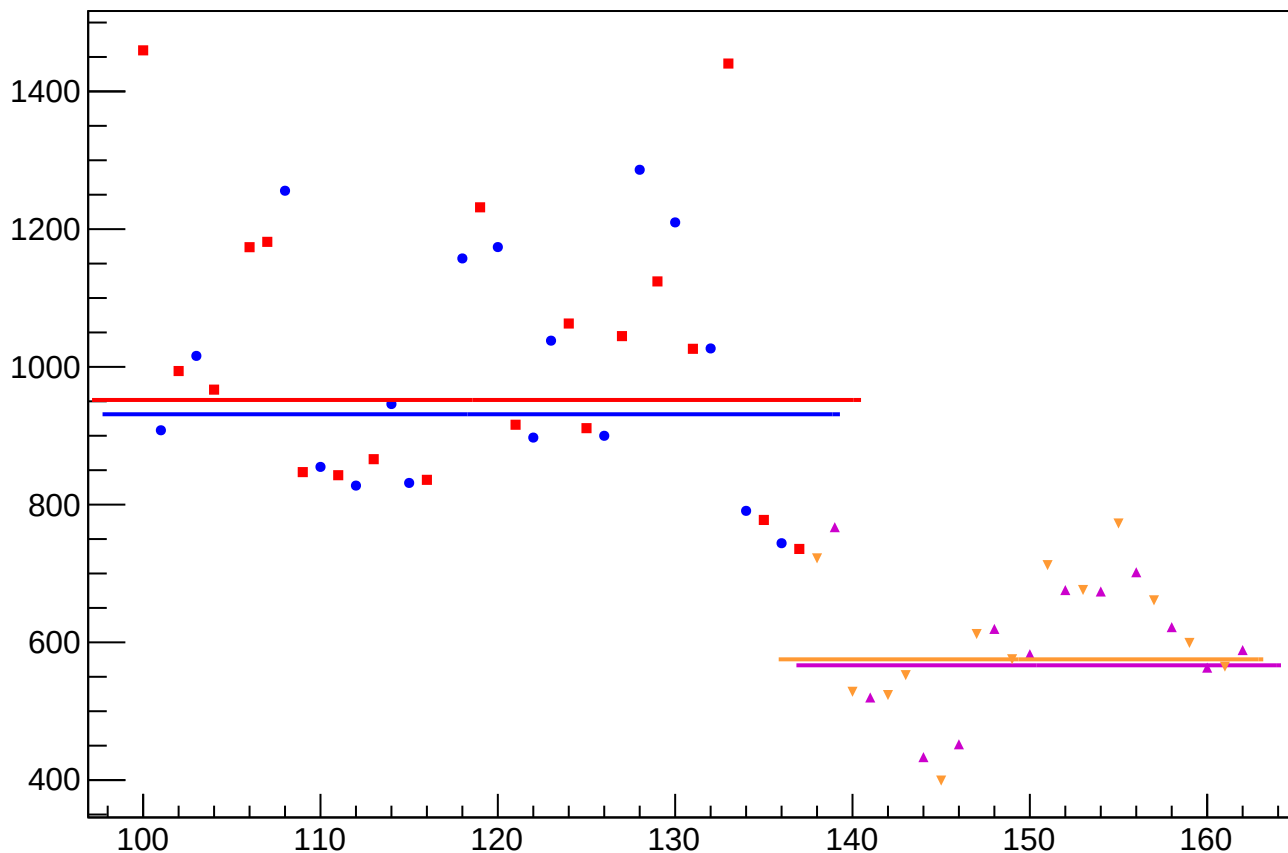
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 3.725+/-164.482 χ^2/NDF :31.7/28

Out: 706.172+/-165.945 χ^2/NDF :50.2/31

All: 351.838+/-116.820 χ^2/NDF : 90.9/60

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 575.343 $\pm$ 0.132 χ^2 /NDF: 609455.8/12

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 566.679 $\pm$ 0.130 χ^2 /NDF: 554924.3/11

Left: 570.951 $\pm$ 0.093 χ^2 /NDF: 1166567.2/24

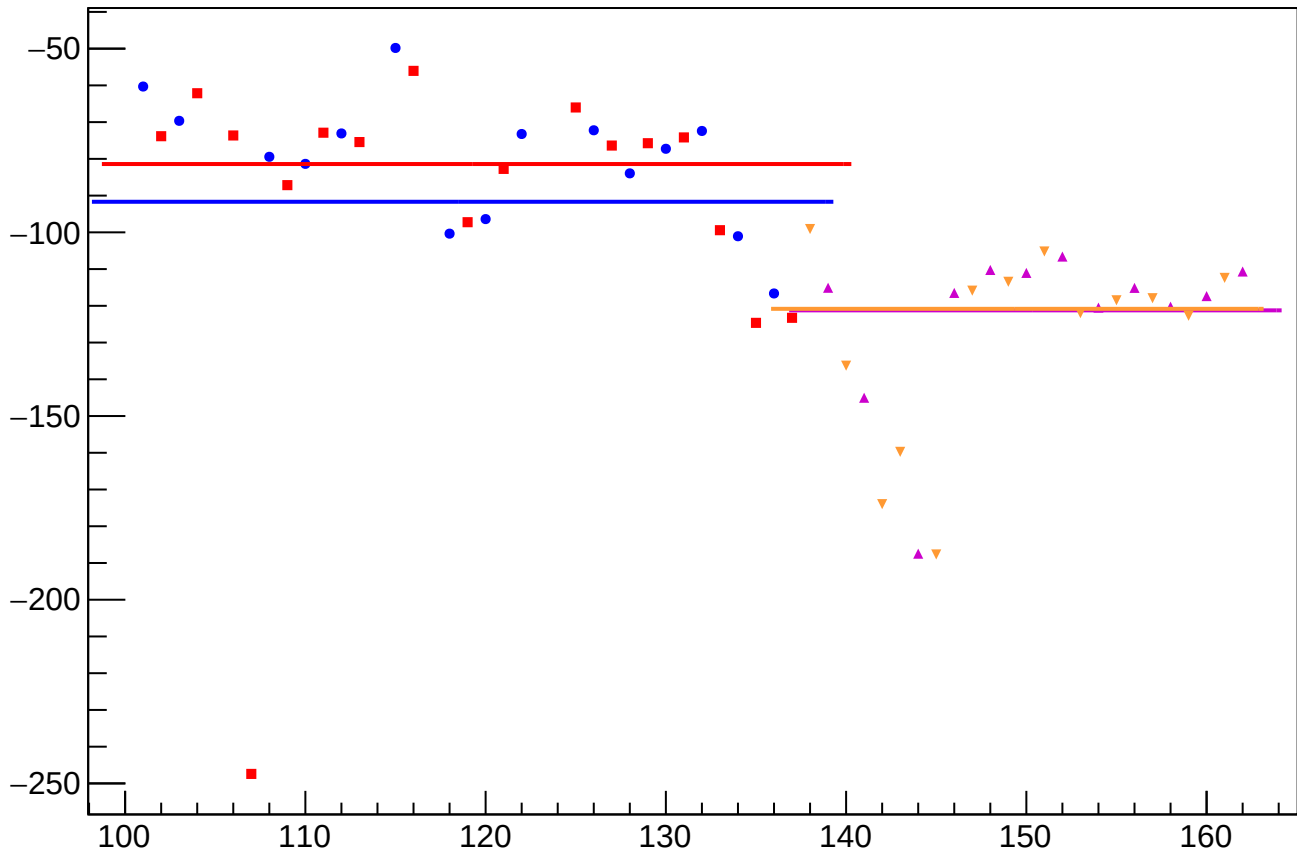
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 639.859 $\pm$ 0.116 χ^2 /NDF: 2531308.2/28

Out: 653.913 $\pm$ 0.117 χ^2 /NDF: 2692892.1/31

All: 646.824 $\pm$ 0.083 χ^2 /NDF: 5231436.5/60

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -120.819+/-0.081 χ^2/NDF :22696.1/12

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -121.236+/-0.074 χ^2/NDF :44720.3/11

Left: -121.046+/-0.055 χ^2/NDF : 67430.7/24

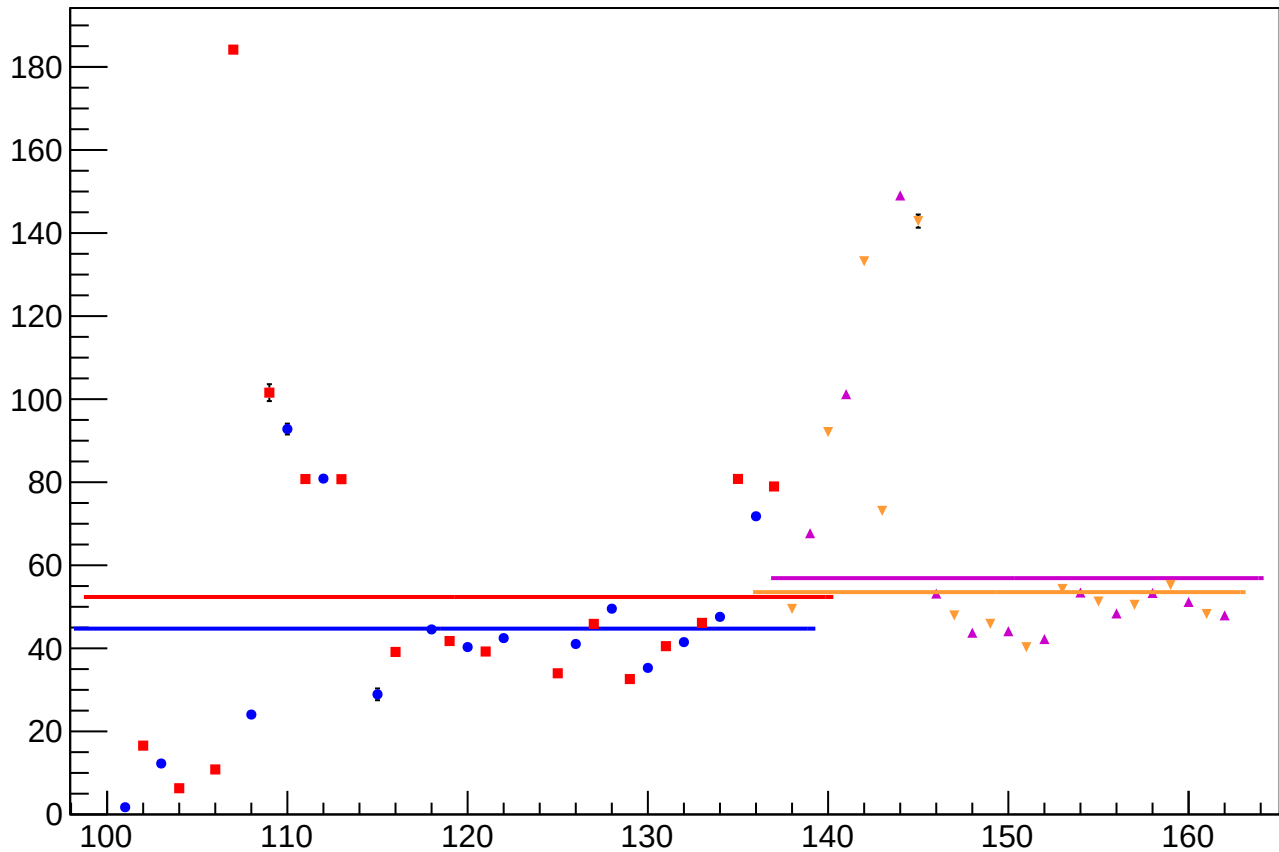
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -105.574+/-0.051 χ^2/NDF :192832.8/26

Out: -104.863+/-0.063 χ^2/NDF :159757.1/29

All: -105.290+/-0.040 χ^2/NDF : 352667.3/56

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 53.533 $\pm$ 0.066 χ^2/NDF :42139.0/12

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 56.905 $\pm$ 0.064 χ^2/NDF :108949.8/11

Left: 55.266 $\pm$ 0.046 χ^2/NDF : 152438.5/24

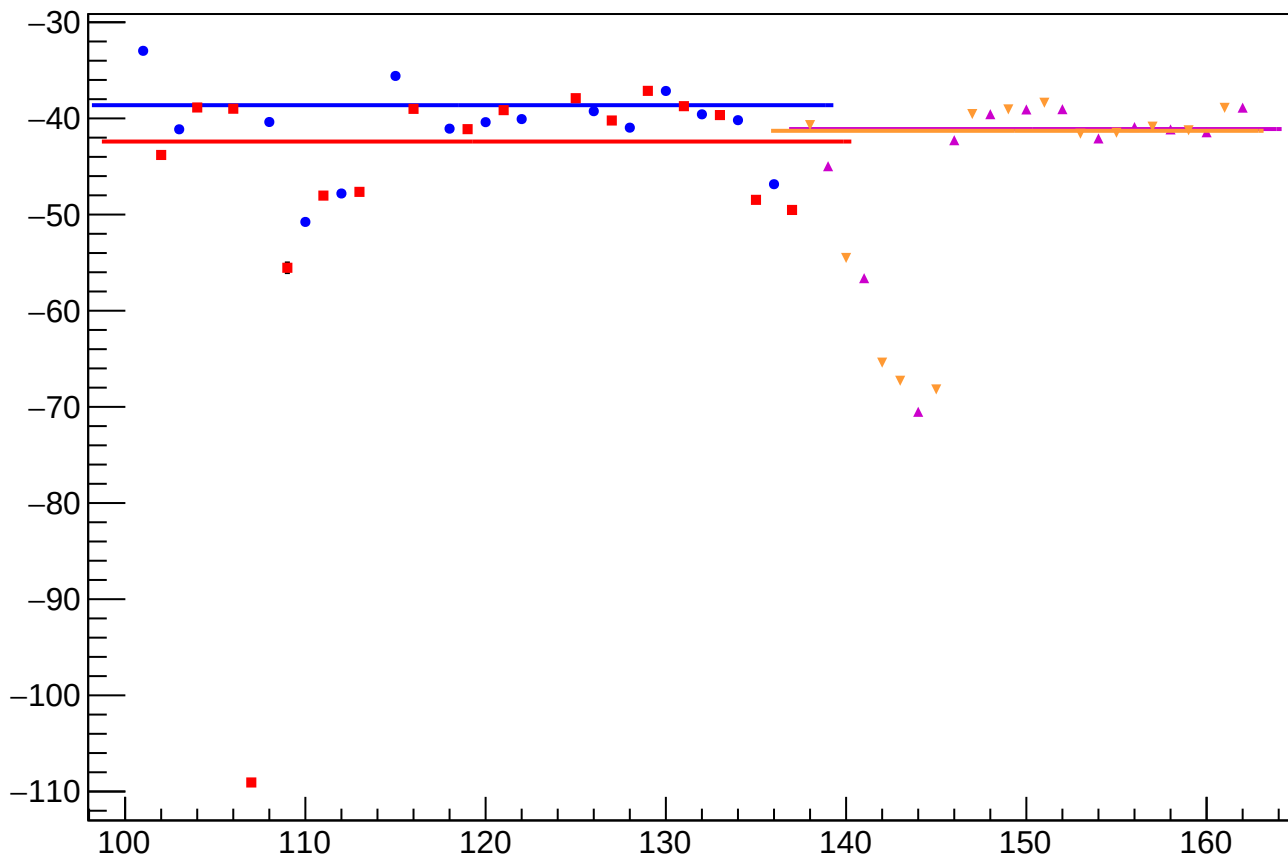
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.492 $\pm$ 0.044 χ^2/NDF :212698.1/26

Out: 53.236 $\pm$ 0.057 χ^2/NDF :111504.2/29

All: 51.521 $\pm$ 0.035 χ^2/NDF : 325661.1/56

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.290 ± 0.009 $\chi^2/\text{NDF}: 188252.4/12$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.107 ± 0.010 $\chi^2/\text{NDF}: 149103.4/11$

Left: -41.205 ± 0.007 $\chi^2/\text{NDF}: 337542.3/24$

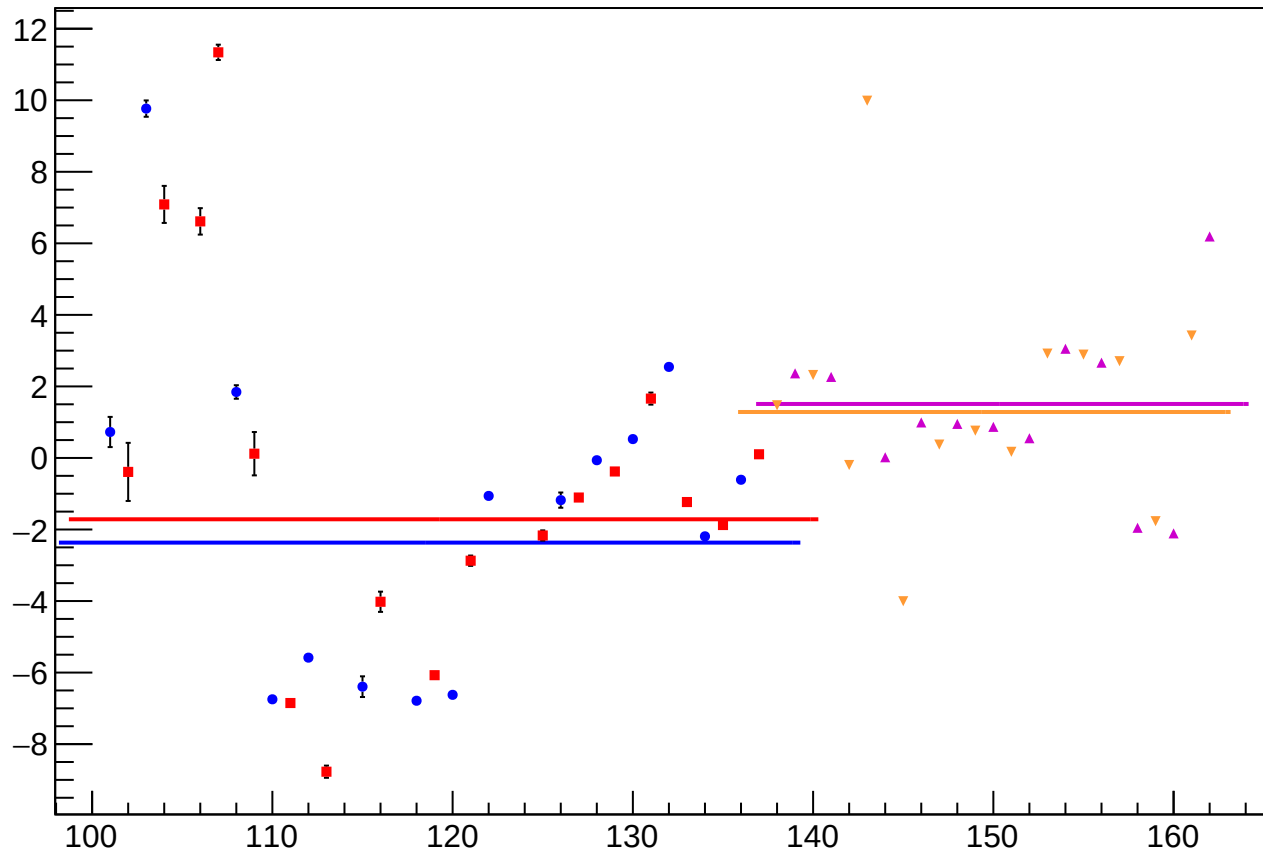
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.654 ± 0.006 $\chi^2/\text{NDF}: 426557.9/26$

Out: -41.465 ± 0.008 $\chi^2/\text{NDF}: 459710.0/29$

All: -40.307 ± 0.005 $\chi^2/\text{NDF}: 915829.1/56$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367+/-0.014 χ^2/NDF : 28797.3/14

Left Out: 1.285+/-0.010 χ^2/NDF : 38926.0/12

Right Out: -1.715+/-0.027 χ^2/NDF : 12719.3/16

Left In: 1.509+/-0.009 χ^2/NDF : 73076.2/11

Left: 1.416+/-0.007 χ^2/NDF : 112290.2/24

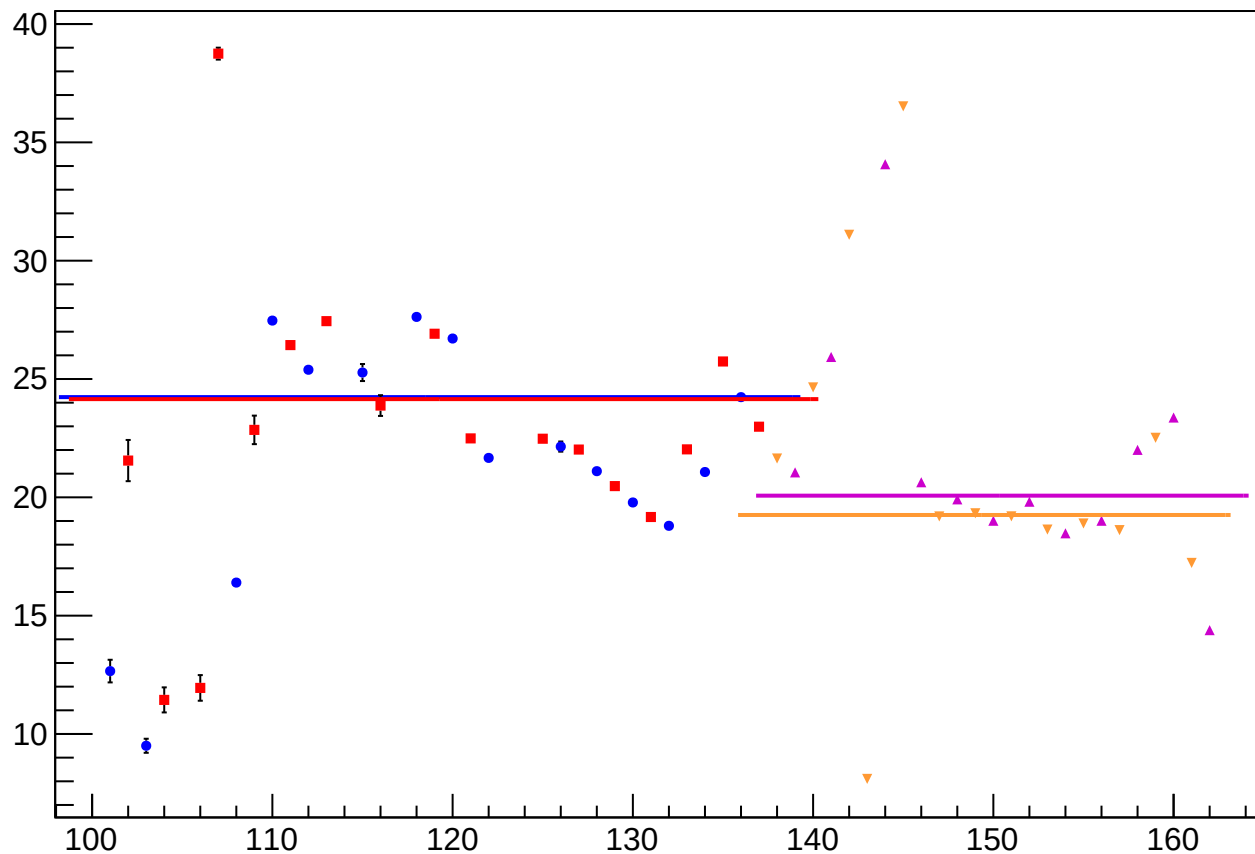
Right: -2.227+/-0.012 χ^2/NDF : 41975.5/31

In: 0.466+/-0.007 χ^2/NDF : 157313.2/26

Out: 0.918+/-0.009 χ^2/NDF : 62487.5/29

All: 0.635+/-0.006 χ^2/NDF : 221235.0/56

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 19.254 ± 0.010 $\chi^2/\text{NDF}: 48358.7/12$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 20.071 ± 0.009 $\chi^2/\text{NDF}: 83197.0/11$

Left: 19.730 ± 0.007 $\chi^2/\text{NDF}: 135285.6/24$

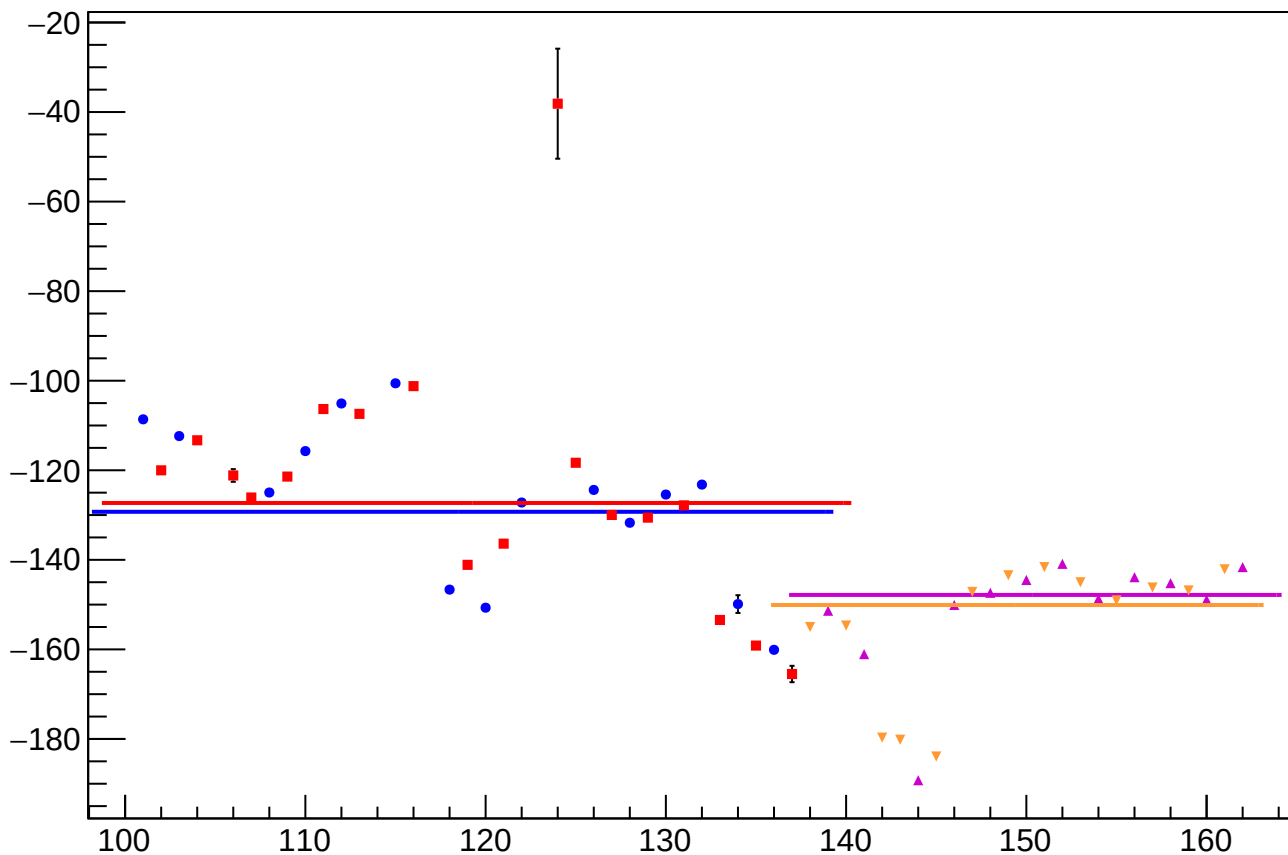
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.626 ± 0.008 $\chi^2/\text{NDF}: 136084.3/26$

Out: 19.985 ± 0.009 $\chi^2/\text{NDF}: 95916.3/29$

All: 20.356 ± 0.006 $\chi^2/\text{NDF}: 234681.4/56$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -150.092 $\pm$ 0.068 χ^2 /NDF:27700.4/12

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -147.837 $\pm$ 0.059 χ^2 /NDF:22302.7/11

Left: -148.811 $\pm$ 0.045 χ^2 /NDF: 50631.6/24

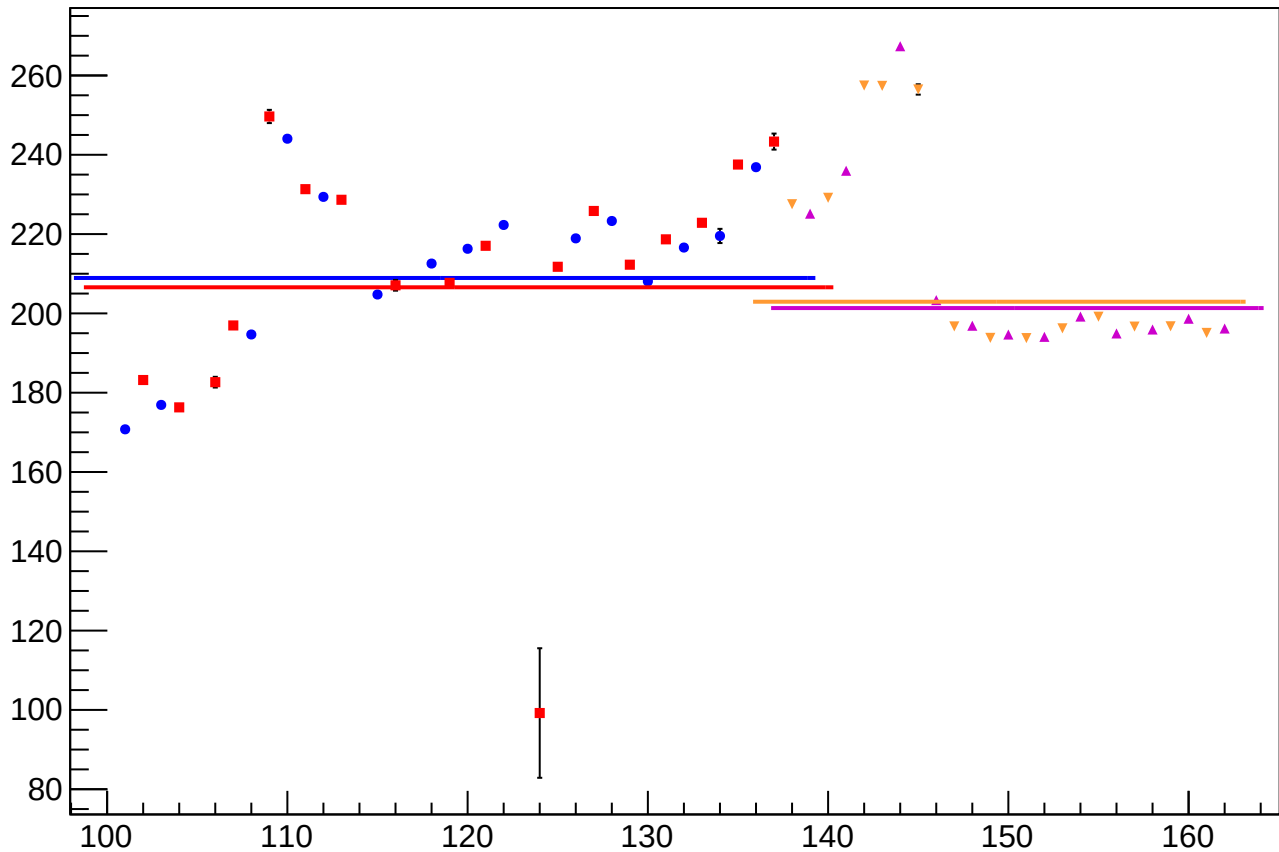
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -142.045 $\pm$ 0.049 χ^2 /NDF:88191.4/26

Out: -141.141 $\pm$ 0.053 χ^2 /NDF:101655.5/30

All: -141.627 $\pm$ 0.036 χ^2 /NDF: 190004.4/57

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.943 $\pm$ 0.055 χ^2/NDF :102931.3/12

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 201.342 $\pm$ 0.051 χ^2/NDF :76146.0/11

Left: 202.078 $\pm$ 0.037 χ^2/NDF : 179533.3/24

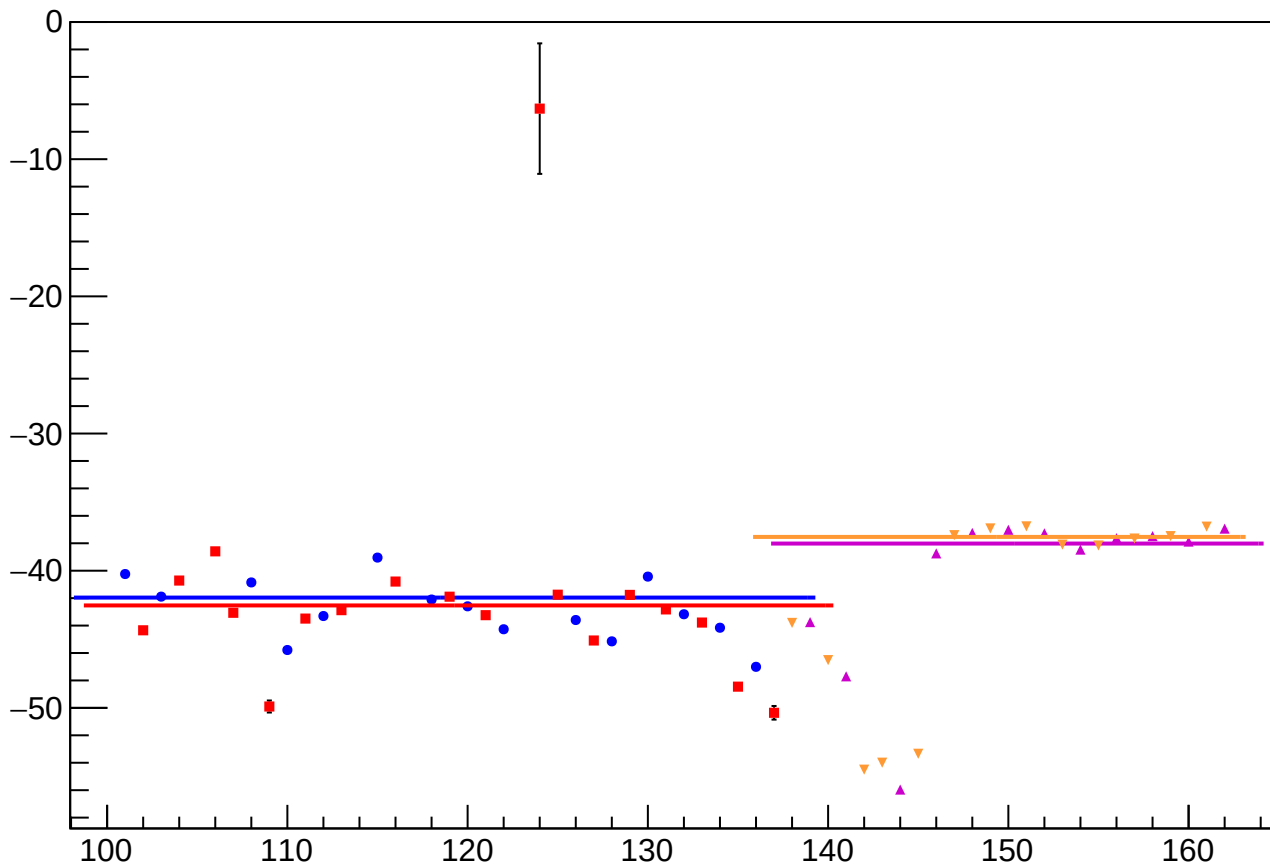
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 203.204 $\pm$ 0.044 χ^2/NDF :126297.3/26

Out: 204.052 $\pm$ 0.046 χ^2/NDF :152471.2/30

All: 203.612 $\pm$ 0.032 χ^2/NDF : 278945.6/57

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF : 24229.7/14

Left Out: -37.537+/-0.005 χ^2/NDF : 220246.9/12

Right Out: -42.532+/-0.021 χ^2/NDF : 6137.0/17

Left In: -38.021+/-0.005 χ^2/NDF : 132460.6/11

Left: -37.750+/-0.004 χ^2/NDF : 357406.4/24

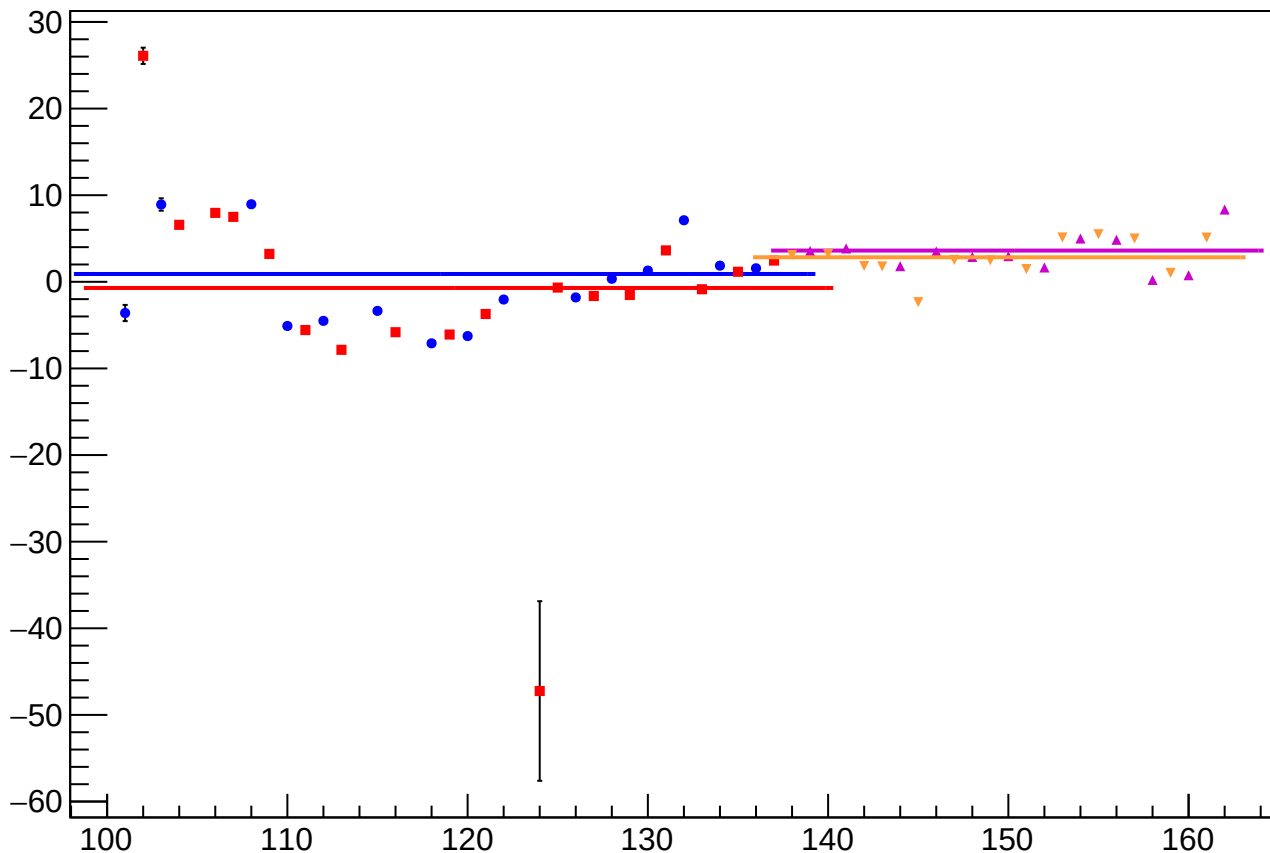
Right: -42.168+/-0.012 χ^2/NDF : 30855.6/32

In: -38.424+/-0.005 χ^2/NDF : 213859.3/26

Out: -37.782+/-0.005 χ^2/NDF : 282006.2/30

All: -38.074+/-0.003 χ^2/NDF : 504878.4/57

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.831 ± 0.009 χ^2/NDF : 35844.9/12

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.607 ± 0.009 χ^2/NDF : 60738.0/11

Left: 3.251 ± 0.006 χ^2/NDF : 100302.4/24

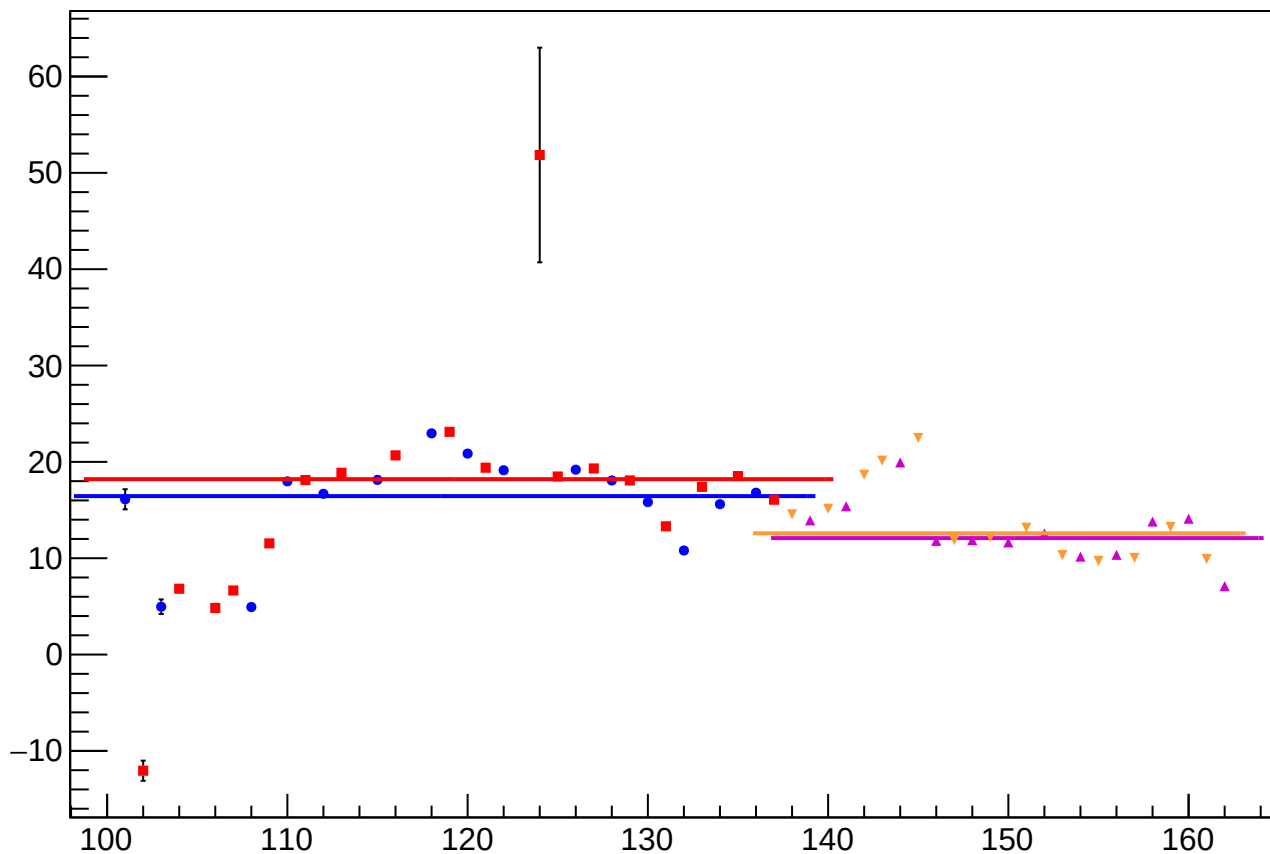
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.185 ± 0.008 χ^2/NDF : 97233.1/26

Out: 2.375 ± 0.009 χ^2/NDF : 85081.0/30

All: 2.819 ± 0.006 χ^2/NDF : 187038.9/57

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.590 $\pm$ 0.011 χ^2 /NDF: 58611.0/12

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.087 $\pm$ 0.011 χ^2 /NDF: 43469.2/11

Left: 12.333 $\pm$ 0.008 χ^2 /NDF: 103183.9/24

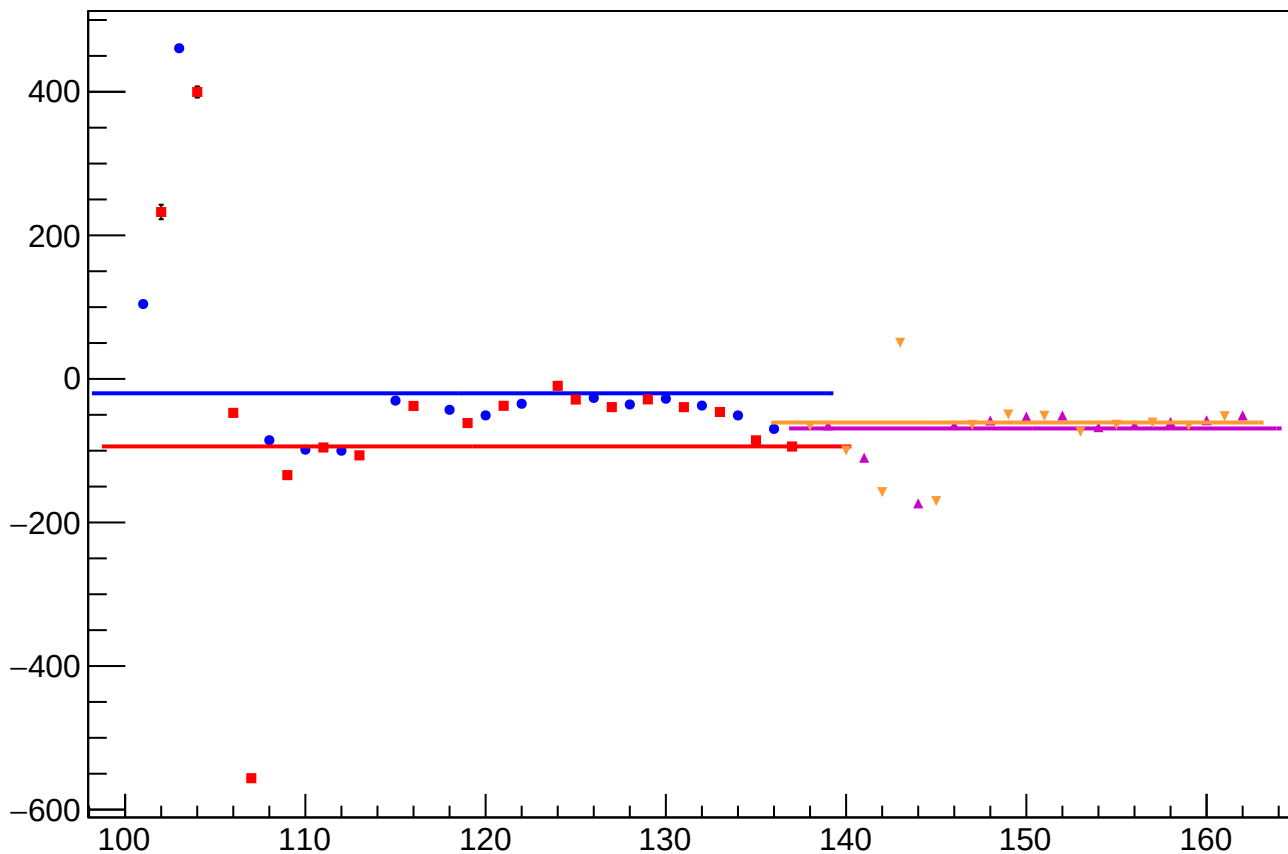
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.775 $\pm$ 0.010 χ^2 /NDF: 84524.8/26

Out: 13.820 $\pm$ 0.010 χ^2 /NDF: 145129.1/30

All: 13.305 $\pm$ 0.007 χ^2 /NDF: 235540.4/57

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -60.733 ± 0.131 χ^2/NDF : 45252.7/12

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -68.992 ± 0.147 χ^2/NDF : 37368.2/11

Left: -64.399 ± 0.098 χ^2/NDF : 84385.1/24

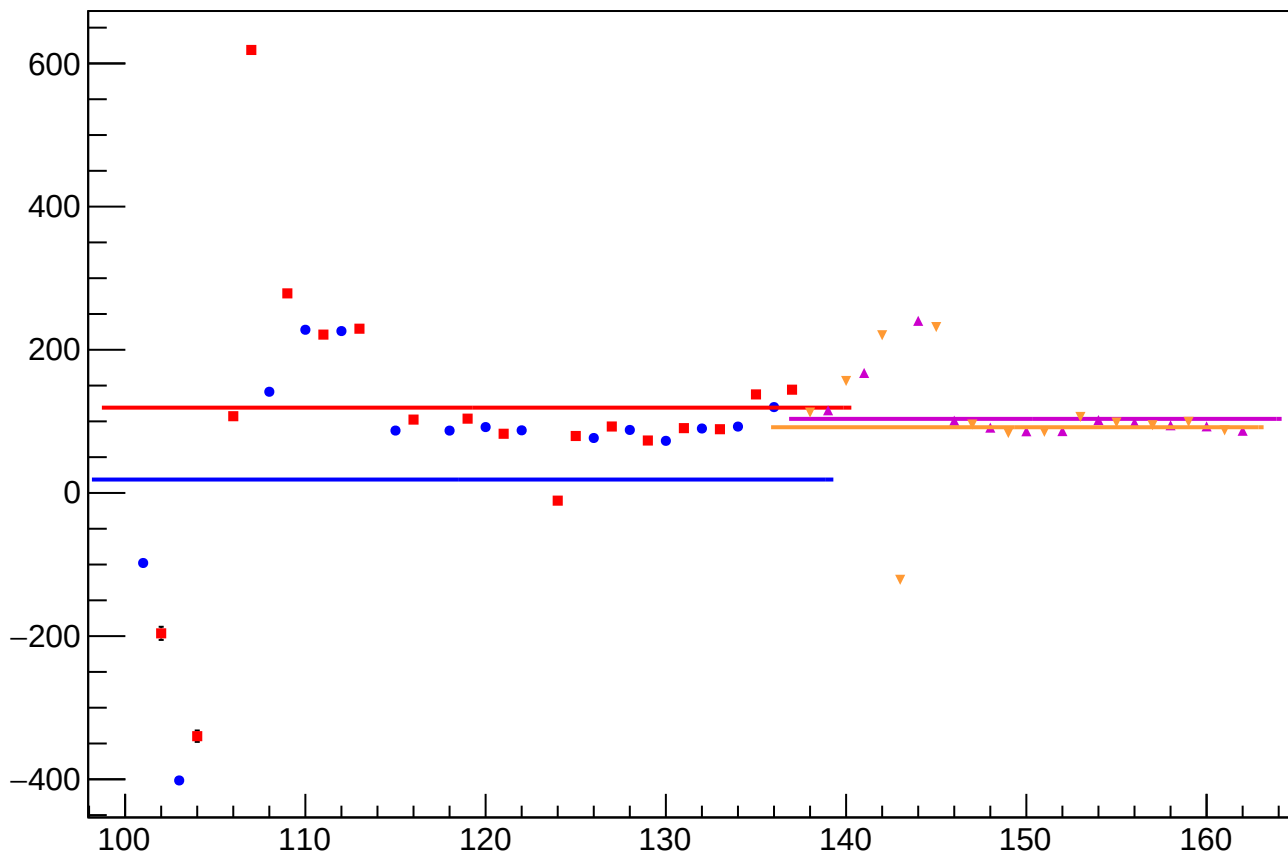
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.585 ± 0.106 χ^2/NDF : 532087.4/26

Out: -93.753 ± 0.012 χ^2/NDF : 196844.4/30

All: -93.104 ± 0.012 χ^2/NDF : 932944.8/57

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.803+/-0.111 χ^2/NDF : 167342.8/12

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 103.486+/-0.126 χ^2/NDF : 58533.1/11

Left: 96.891+/-0.083 χ^2/NDF : 230719.5/24

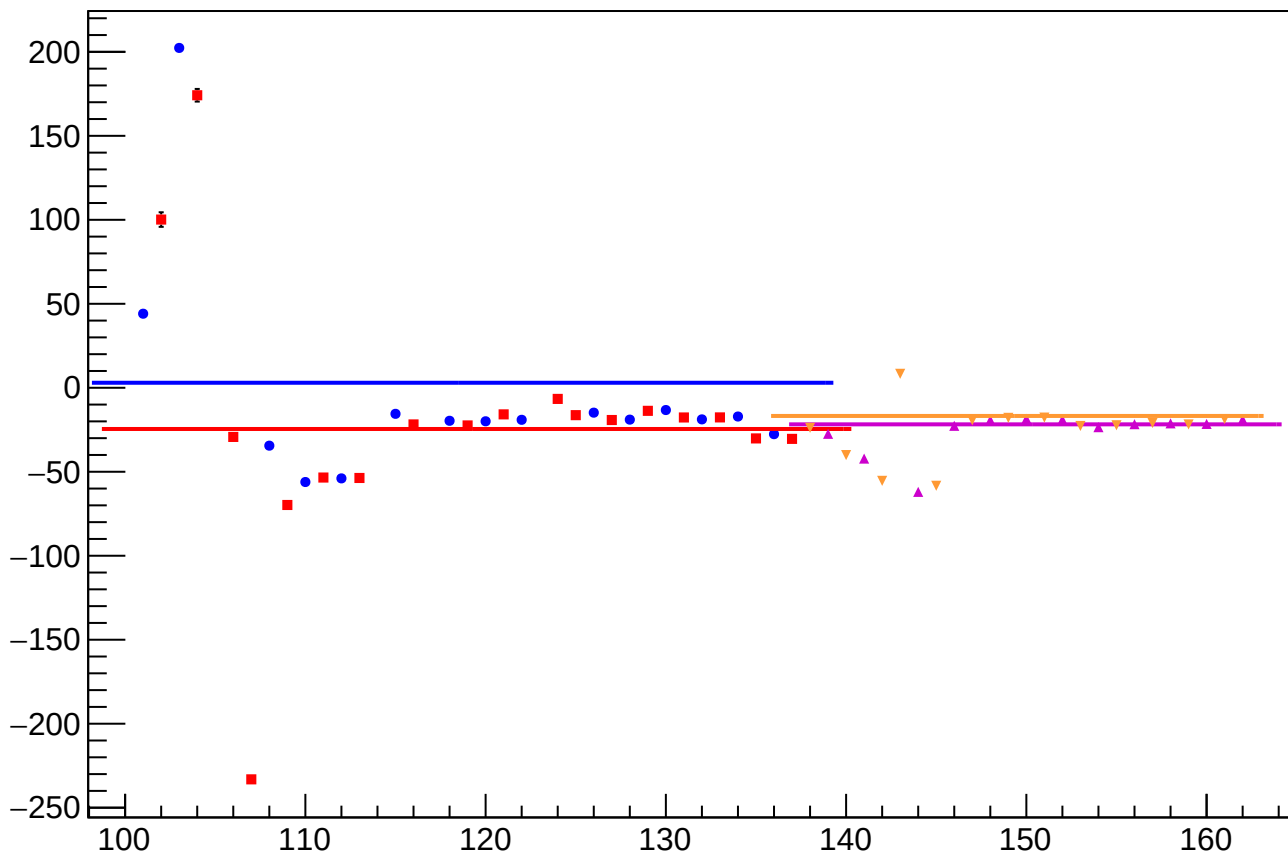
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 68.946+/-0.097 χ^2/NDF : 1344359.7/26

Out: 98.265+/-0.097 χ^2/NDF : 269200.0/30

All: 83.644+/-0.069 χ^2/NDF : 1659283.0/57

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.771 ± 0.015 χ^2/NDF : 568625.9/12

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.772 ± 0.018 χ^2/NDF : 121765.5/11

Left: -18.911 ± 0.012 χ^2/NDF : 736371.4/24

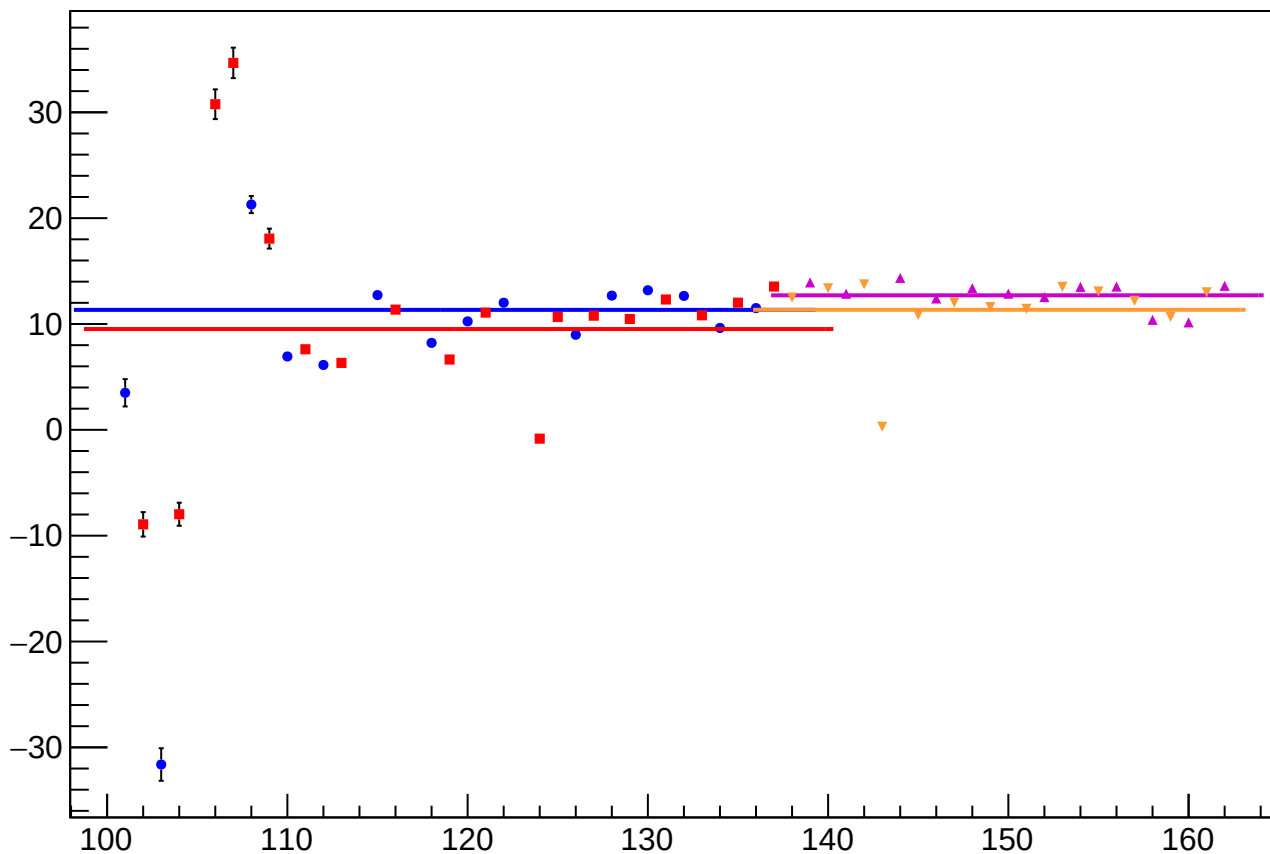
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.322 ± 0.015 χ^2/NDF : 4211583.1/26

Out: -17.617 ± 0.014 χ^2/NDF : 773316.1/30

All: -16.009 ± 0.010 χ^2/NDF : 5010462.1/57

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 11.344+/-0.020 χ^2/NDF : 28354.2/12

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 12.710+/-0.017 χ^2/NDF : 4791.9/11

Left: 12.142+/-0.013 χ^2/NDF : 35823.7/24

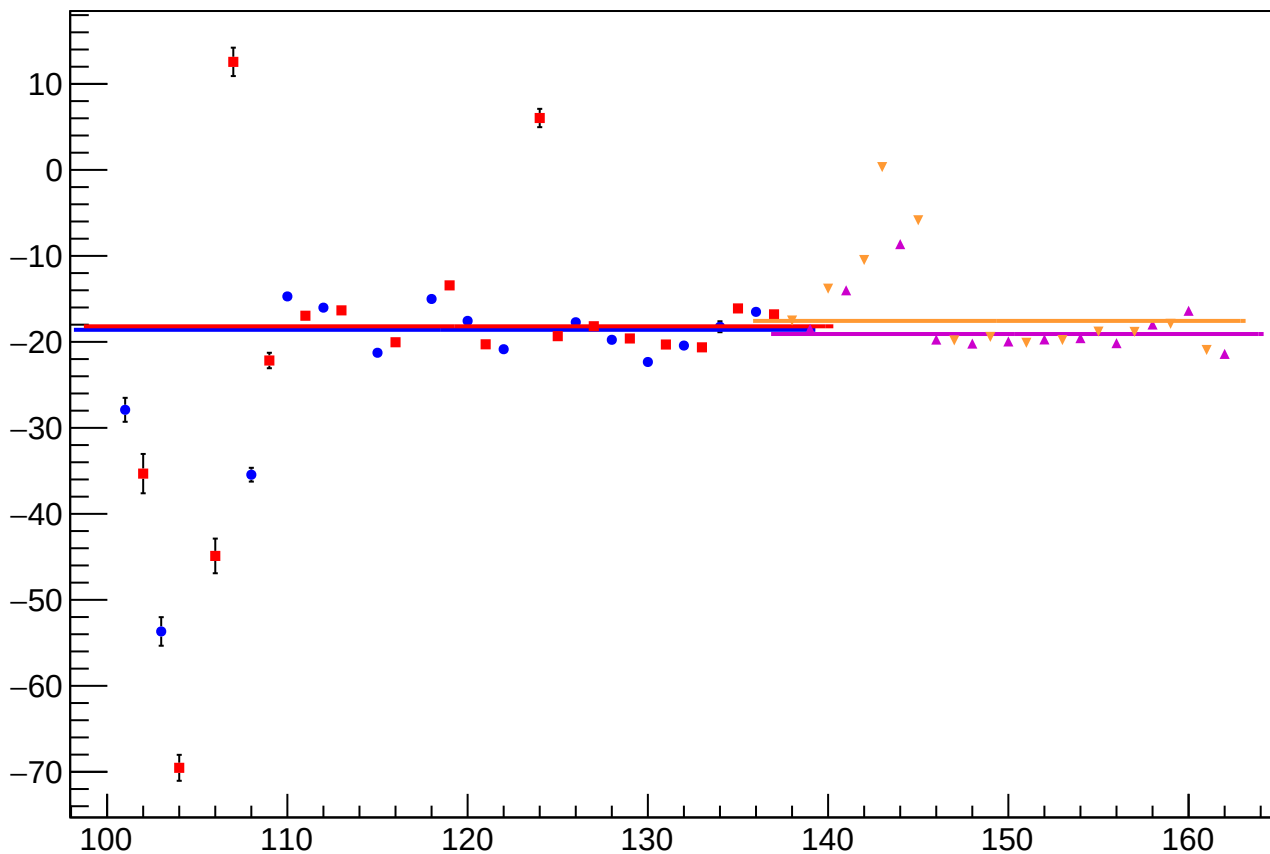
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 12.473+/-0.015 χ^2/NDF : 8320.3/26

Out: 11.071+/-0.019 χ^2/NDF : 33642.7/30

All: 11.899+/-0.012 χ^2/NDF : 45320.6/57

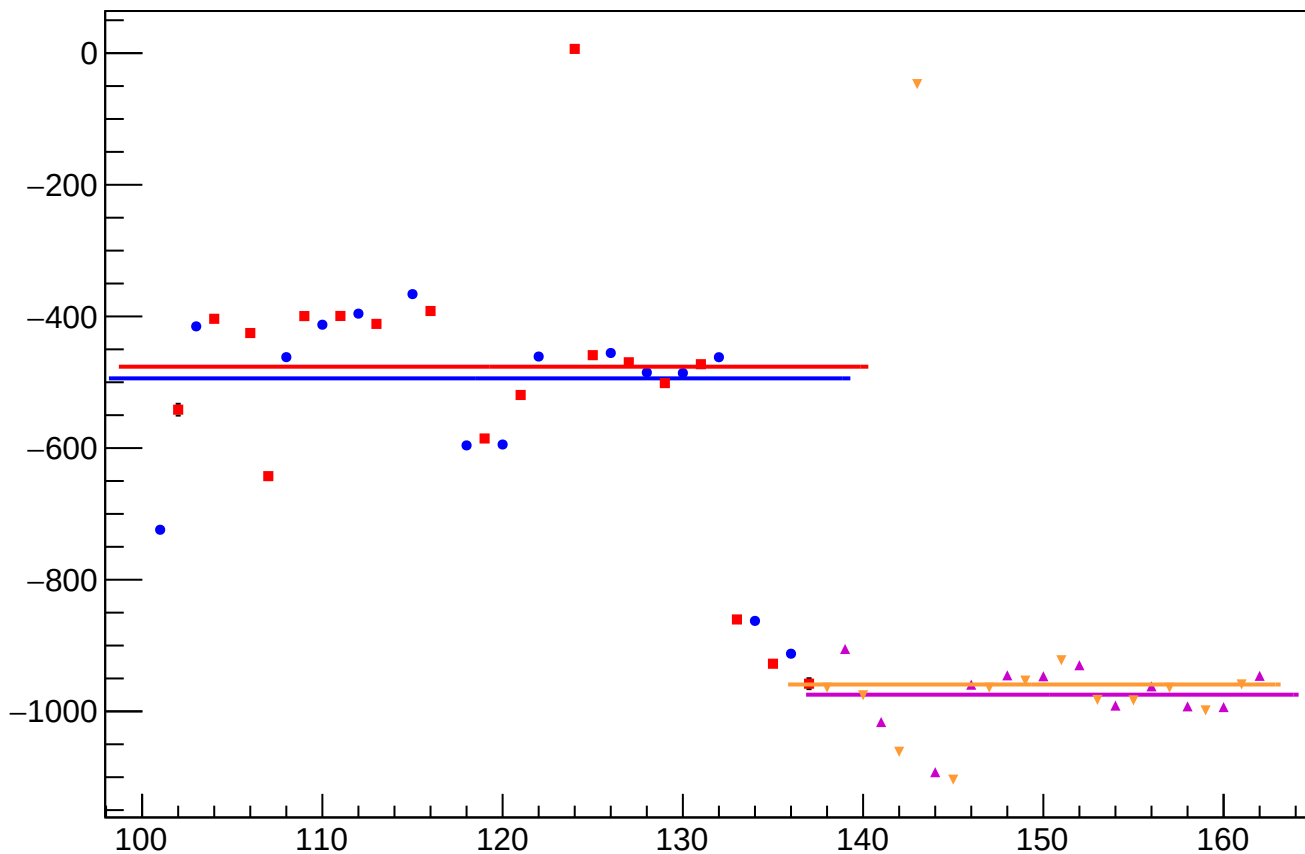
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -17.560 ± 0.022 χ^2/NDF : 45541.3/12
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.085 ± 0.020 χ^2/NDF : 8507.3/11

Left: -18.394 ± 0.015 χ^2/NDF : 56696.1/24
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -18.976 ± 0.018 χ^2/NDF : 14830.6/26
 Out: -17.664 ± 0.020 χ^2/NDF : 50557.6/30
 All: -18.405 ± 0.013 χ^2/NDF : 67812.4/57

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -959.174 $\pm$ 0.223 χ^2 /NDF:312167.8/12

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -974.647 $\pm$ 0.202 χ^2 /NDF:24462.0/11

Left: -967.682 $\pm$ 0.150 χ^2 /NDF: 339274.5/24

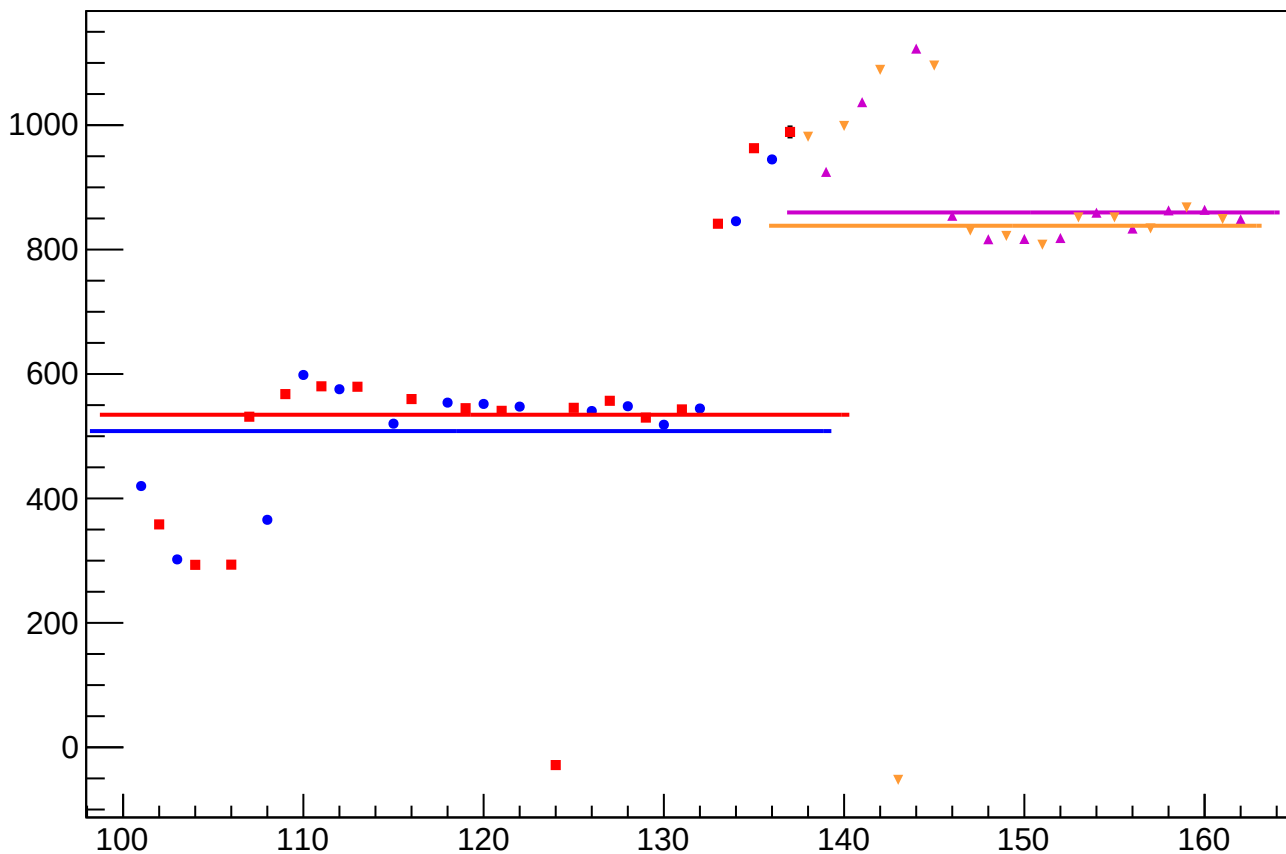
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -767.685 $\pm$ 0.152 χ^2 /NDF:2791259.1/26

Out: -673.229 $\pm$ 0.142 χ^2 /NDF:3679919.7/30

All: -717.305 $\pm$ 0.104 χ^2 /NDF: 6676296.3/57

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 838.306 $\pm$ 0.174 χ^2 /NDF:413841.0/12

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 859.662 $\pm$ 0.173 χ^2 /NDF:86625.0/11

Left: 849.002 $\pm$ 0.123 χ^2 /NDF: 508036.9/24

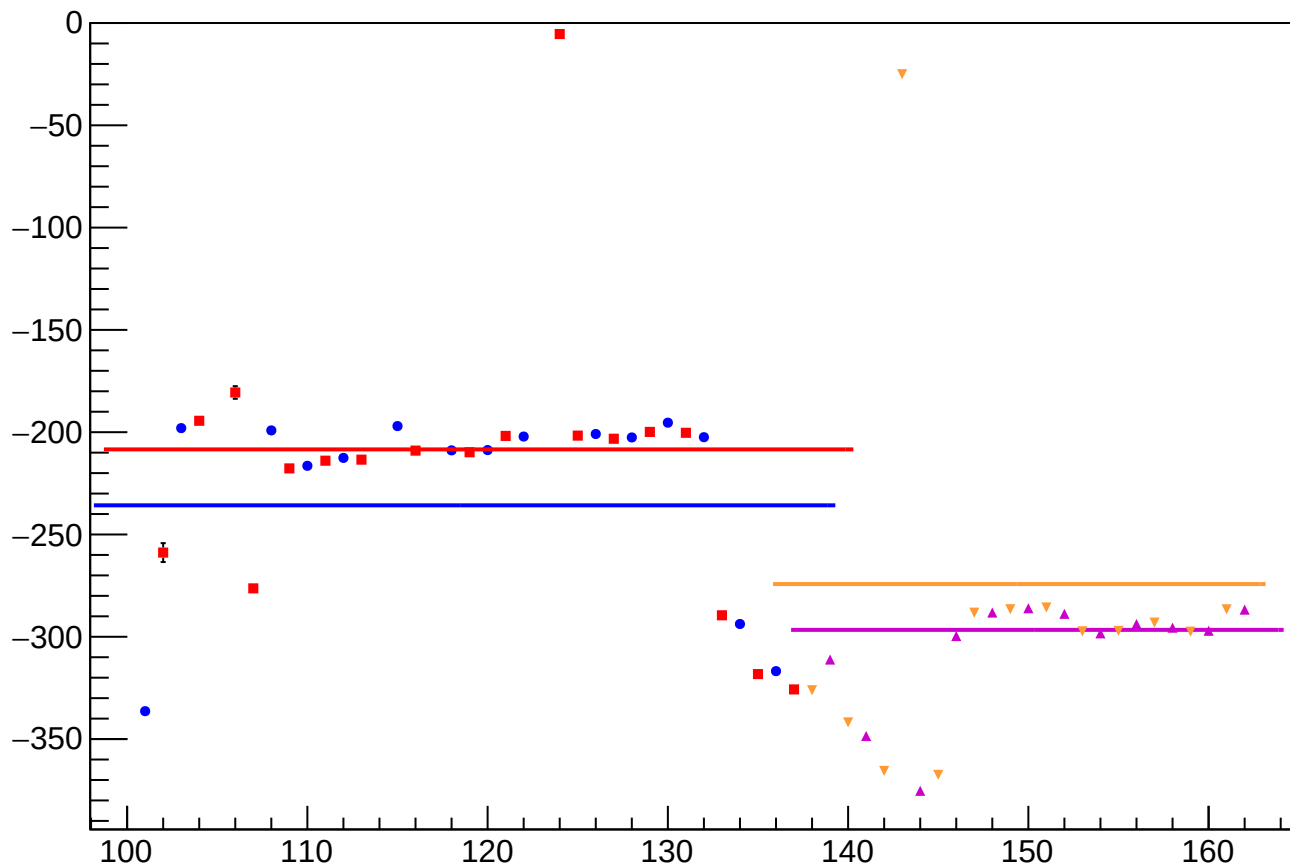
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 726.271 $\pm$ 0.137 χ^2 /NDF:2085112.7/26

Out: 719.799 $\pm$ 0.136 χ^2 /NDF:1975319.5/30

All: 723.013 $\pm$ 0.096 χ^2 /NDF: 4061562.6/57

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -274.235 ± 0.028 $\chi^2/\text{NDF}: 6316437.1/12$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -296.621 ± 0.028 $\chi^2/\text{NDF}: 246760.3/11$

Left: -285.509 ± 0.020 $\chi^2/\text{NDF}: 6882805.0/24$

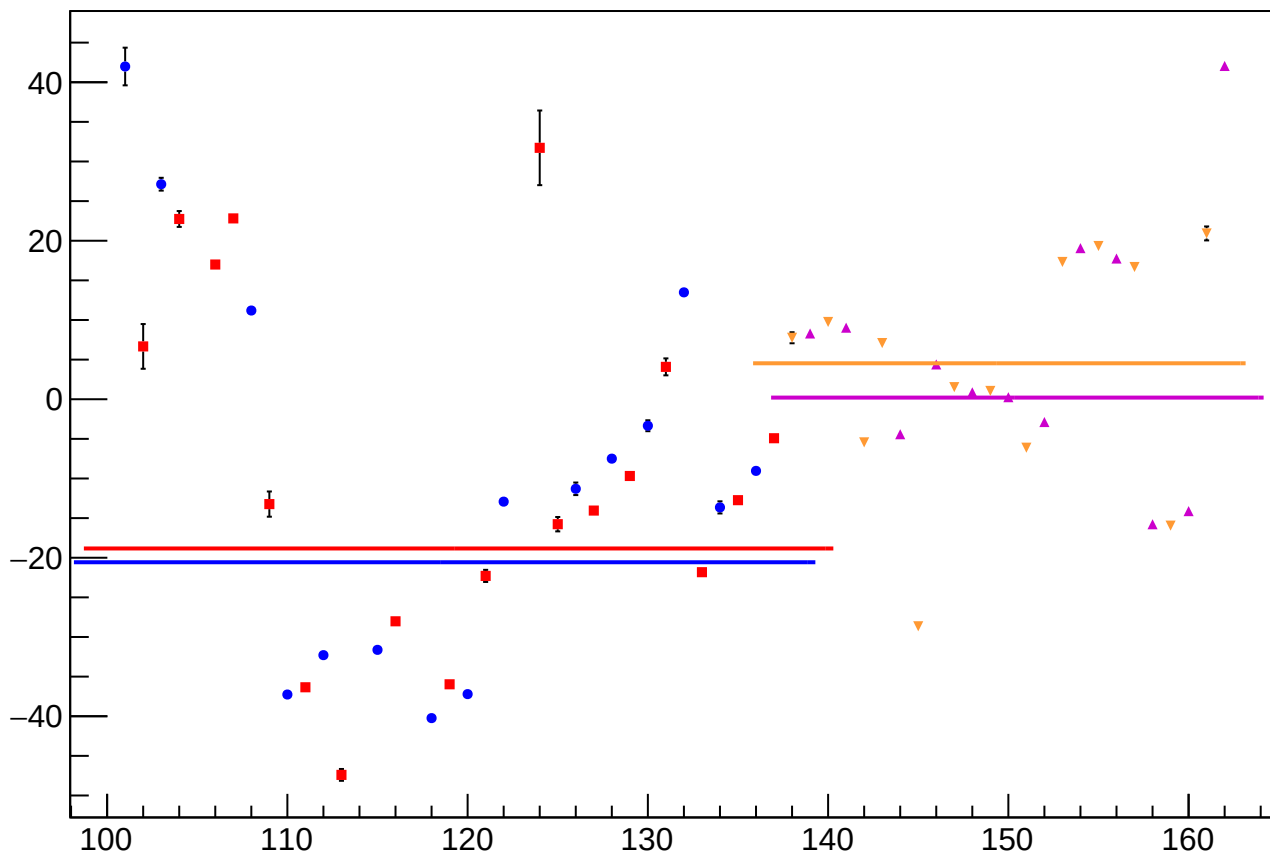
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.244 ± 0.025 $\chi^2/\text{NDF}: 2090987.9/26$

Out: -256.761 ± 0.024 $\chi^2/\text{NDF}: 8147867.5/30$

All: -270.044 ± 0.017 $\chi^2/\text{NDF}: 10868184.7/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.537 ± 0.032 χ^2/NDF : 156098.4/12

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.208 ± 0.023 χ^2/NDF : 573841.9/11

Left: 1.693 ± 0.019 χ^2/NDF : 741951.8/24

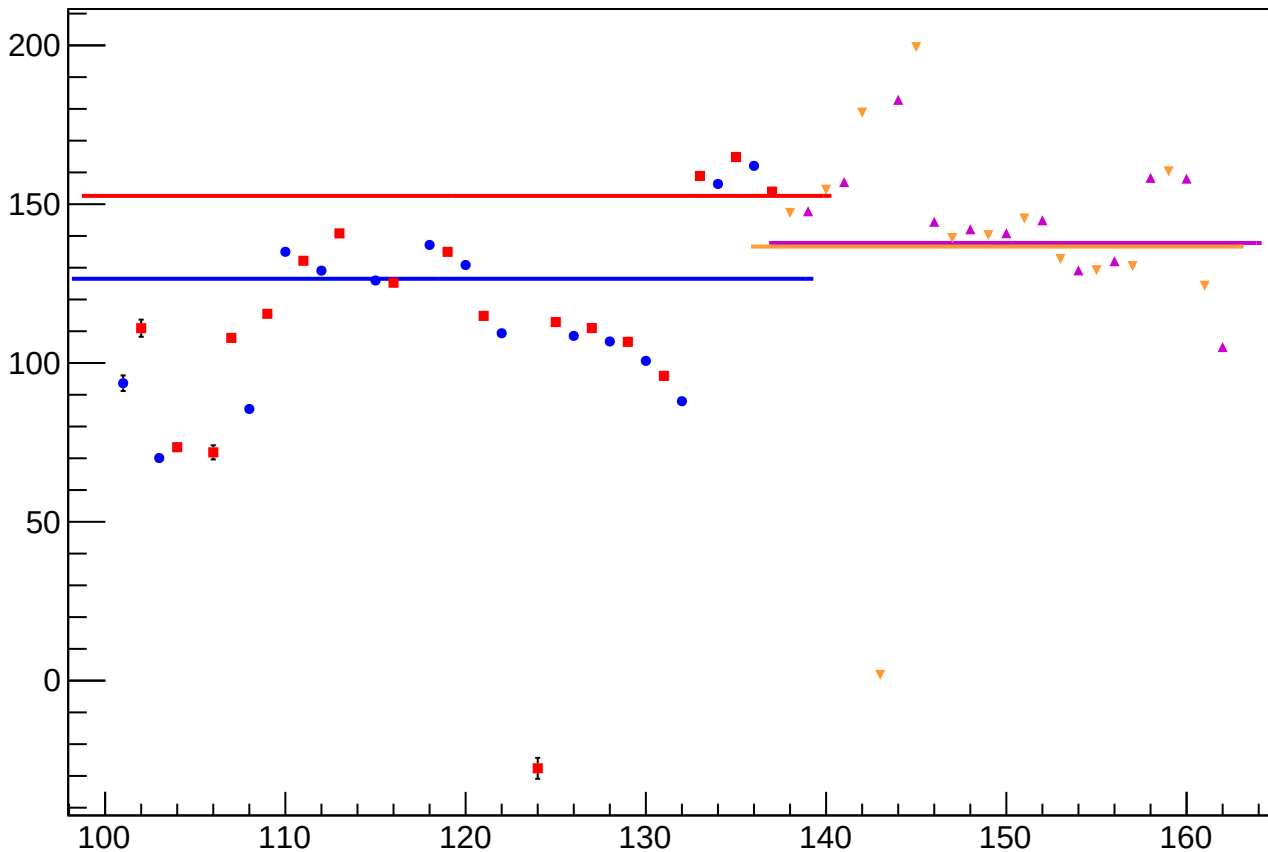
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.769 ± 0.022 χ^2/NDF : 713998.9/26

Out: 2.649 ± 0.031 χ^2/NDF : 219981.4/30

All: -0.269 ± 0.018 χ^2/NDF : 947665.7/57

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 136.646 $\pm$ 0.042 χ^2 /NDF: 440457.5/12

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.790 $\pm$ 0.030 χ^2 /NDF: 348357.6/11

Left: 137.394 $\pm$ 0.025 χ^2 /NDF: 789308.3/24

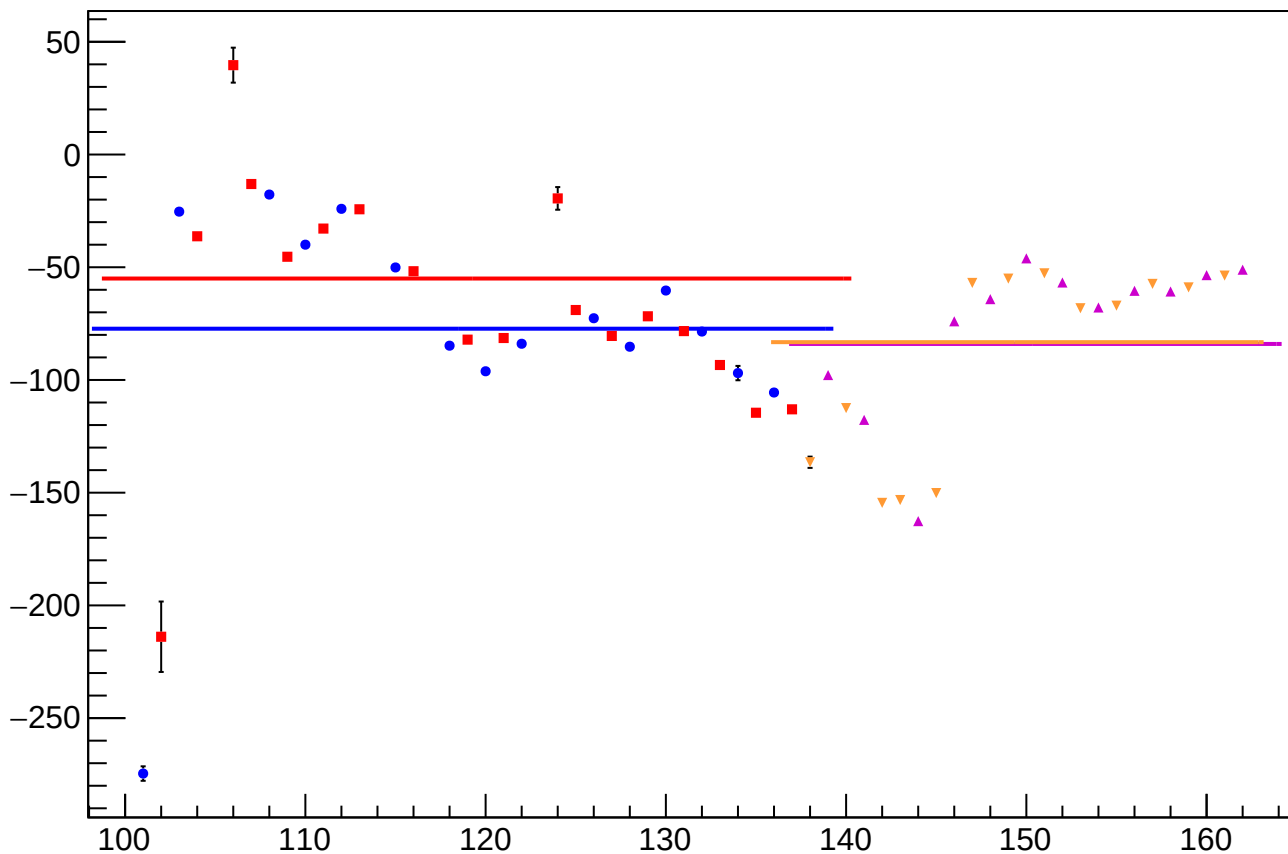
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.491 $\pm$ 0.029 χ^2 /NDF: 479259.4/26

Out: 147.079 $\pm$ 0.025 χ^2 /NDF: 610564.3/30

All: 142.576 $\pm$ 0.019 χ^2 /NDF: 1169069.7/57

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -83.228 ± 0.159 χ^2/NDF : 55937.0/12

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -84.024 ± 0.154 χ^2/NDF : 57205.3/11

Left: -83.637 ± 0.111 χ^2/NDF : 113155.2/24

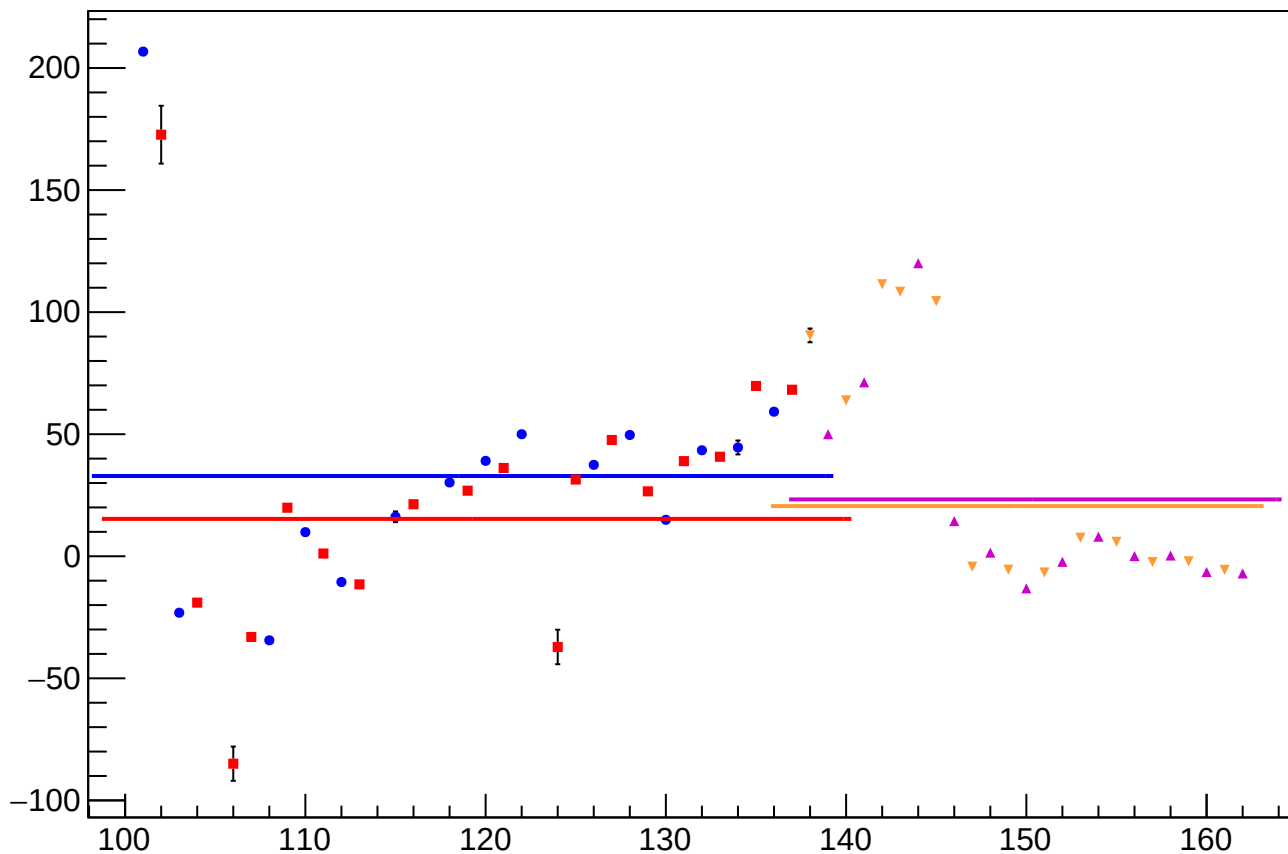
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.463 ± 0.106 χ^2/NDF : 88571.4/26

Out: -71.627 ± 0.122 χ^2/NDF : 92524.7/30

All: -76.650 ± 0.080 χ^2/NDF : 184079.2/57

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 20.551+/-0.137 χ^2/NDF : 88393.6/12

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 23.284+/-0.136 χ^2/NDF : 86342.6/11

Left: 21.929+/-0.097 χ^2/NDF : 174936.3/24

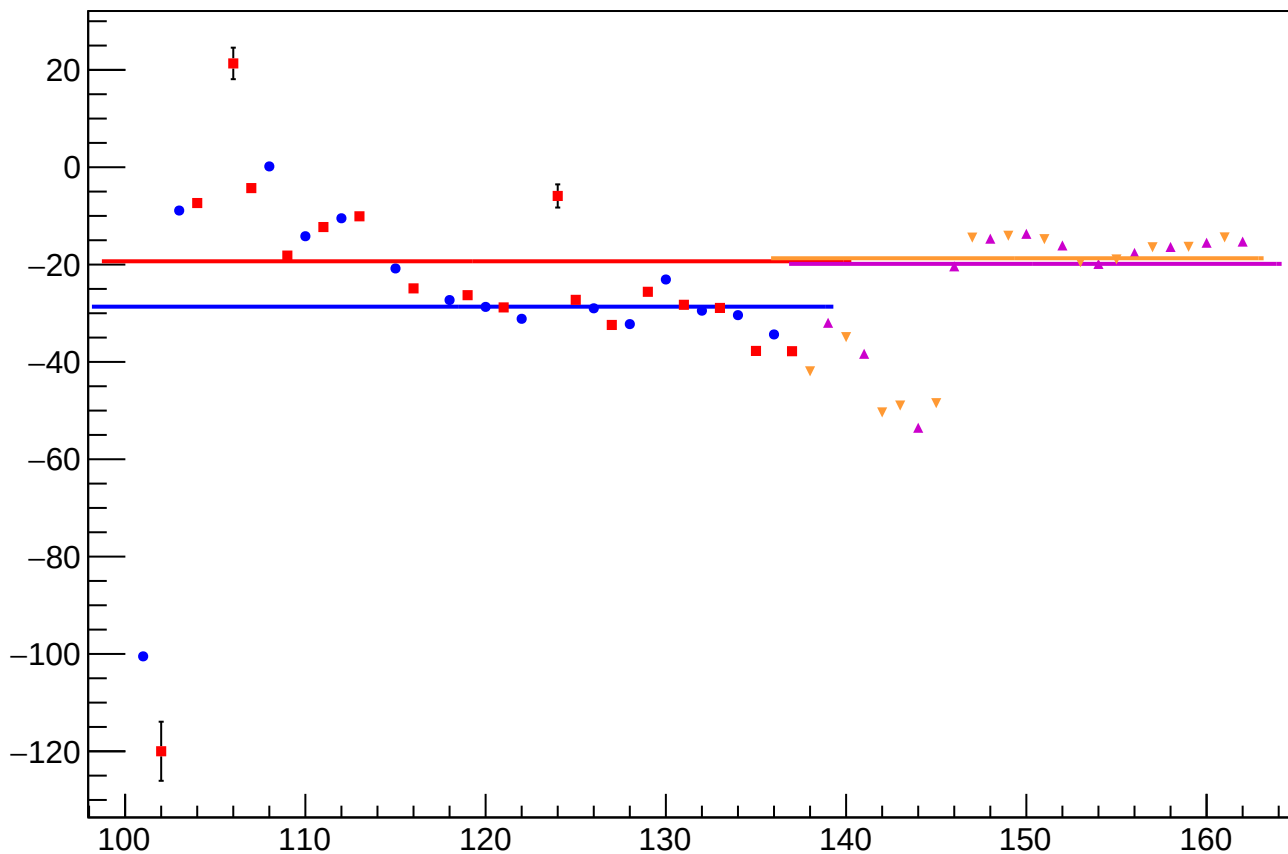
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 27.738+/-0.100 χ^2/NDF : 120042.9/26

Out: 18.979+/-0.115 χ^2/NDF : 105577.2/30

All: 23.979+/-0.075 χ^2/NDF : 228942.8/57

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Left: -19.241 ± 0.013 $\chi^2/\text{NDF}: 417742.6/24$

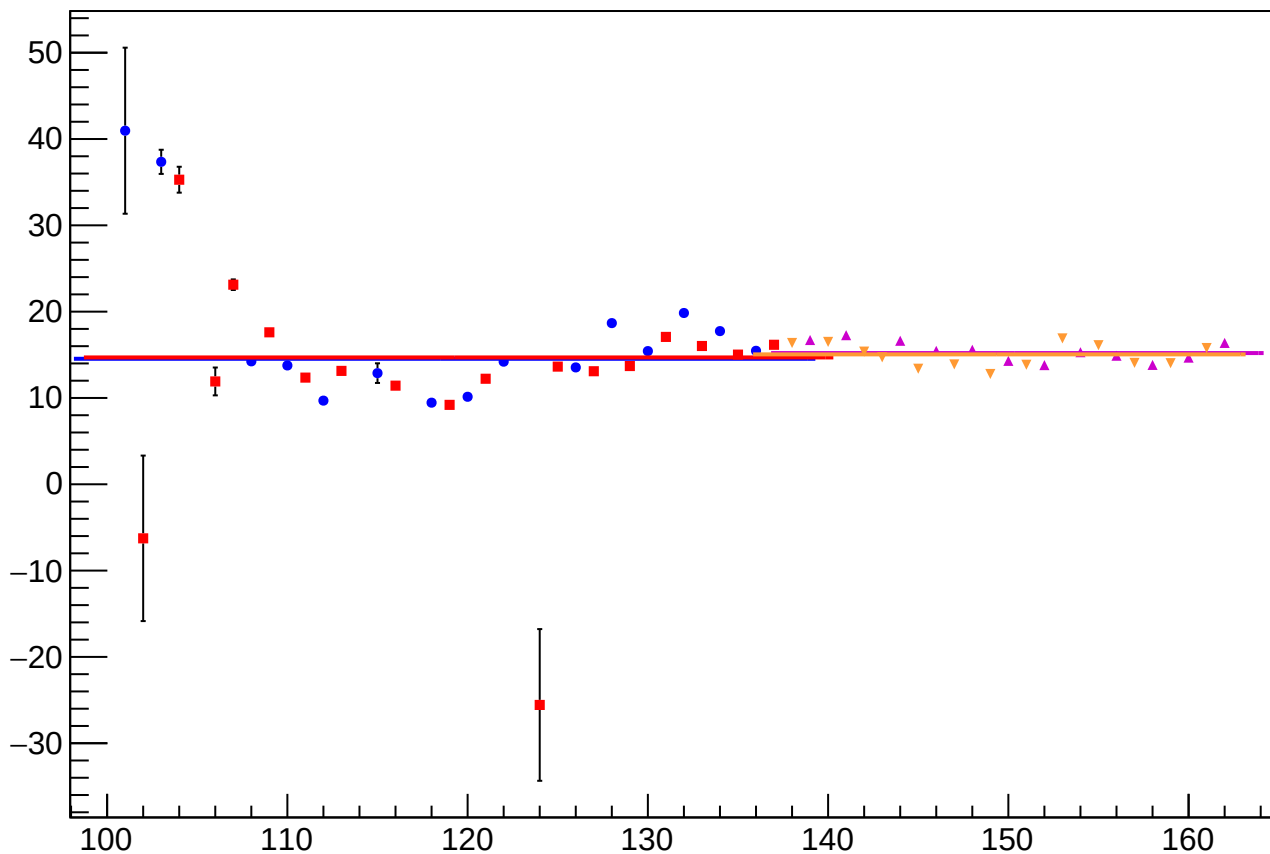
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.856 ± 0.016 $\chi^2/\text{NDF}: 357026.2/26$

Out: -18.804 ± 0.016 $\chi^2/\text{NDF}: 279777.5/30$

All: -20.294 ± 0.011 $\chi^2/\text{NDF}: 654628.2/57$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.049+/-0.018 χ^2/NDF : 5017.2/12

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.202+/-0.017 χ^2/NDF : 3956.2/11

Left: 15.131+/-0.013 χ^2/NDF : 9010.4/24

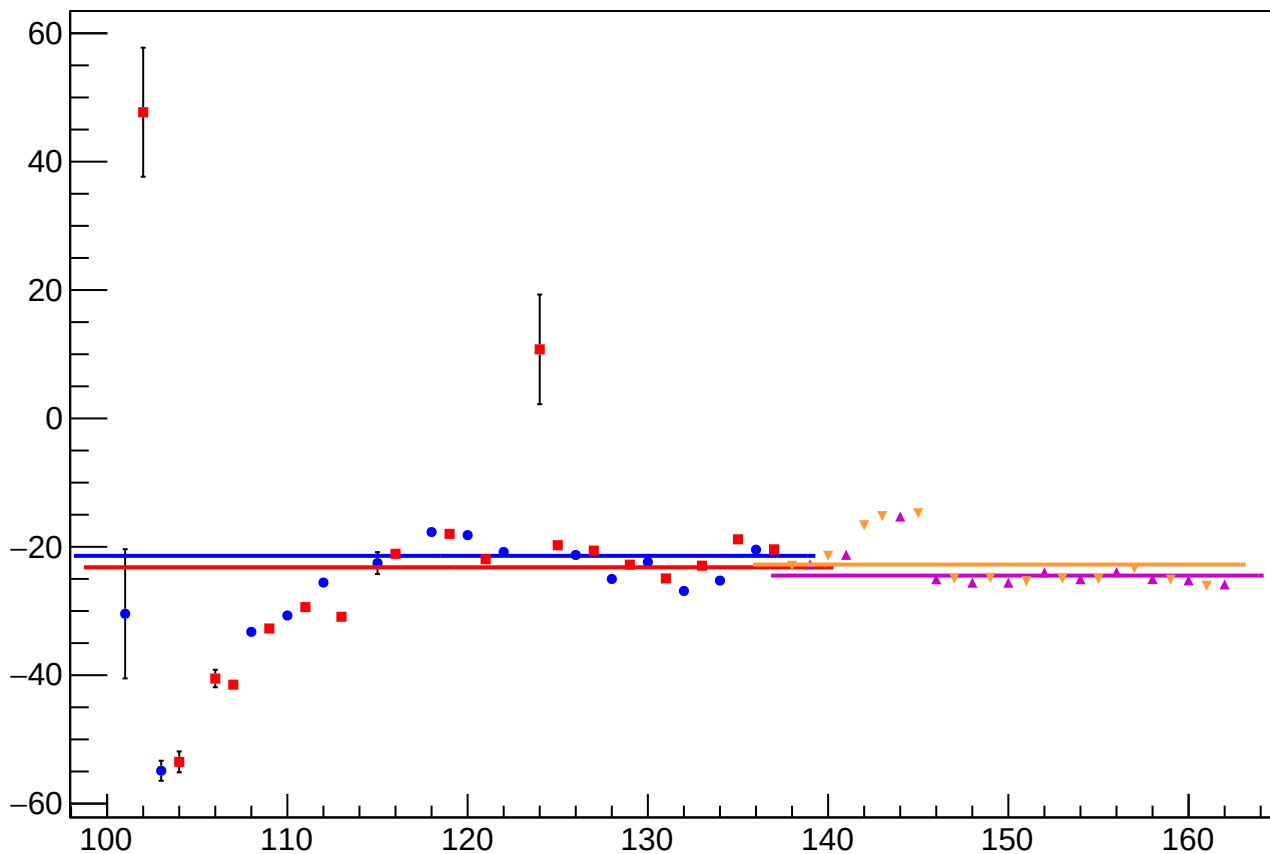
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.037+/-0.015 χ^2/NDF : 16399.6/26

Out: 14.996+/-0.017 χ^2/NDF : 6706.4/30

All: 15.019+/-0.011 χ^2/NDF : 23109.4/57

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.763 ± 0.023 $\chi^2/\text{NDF}: 28300.6/12$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.484 ± 0.020 $\chi^2/\text{NDF}: 7866.8/11$

Left: -23.732 ± 0.015 $\chi^2/\text{NDF}: 39427.0/24$

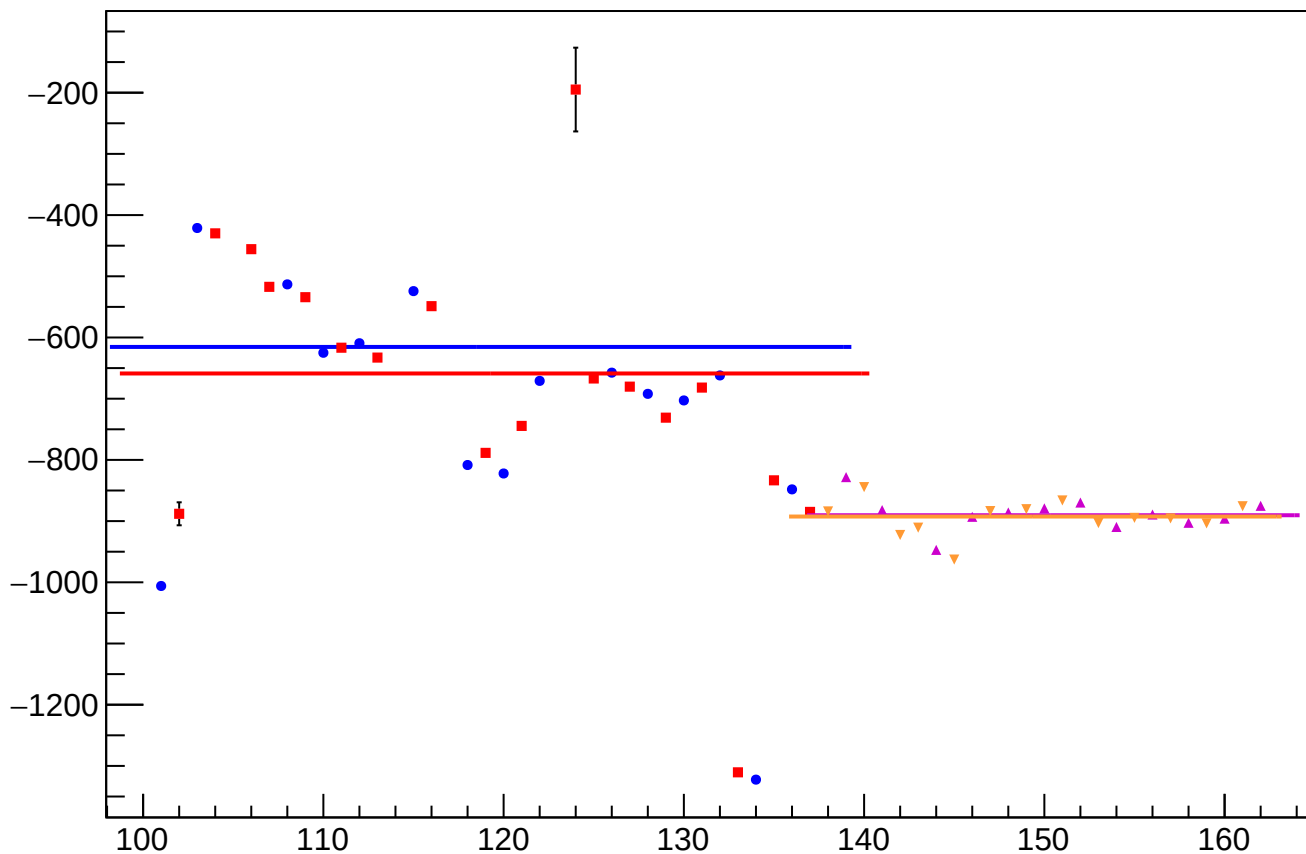
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.749 ± 0.017 $\chi^2/\text{NDF}: 23251.9/26$

Out: -22.833 ± 0.021 $\chi^2/\text{NDF}: 37484.6/30$

All: -23.369 ± 0.013 $\chi^2/\text{NDF}: 61886.7/57$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -892.525 ± 0.178 $\chi^2/\text{NDF}: 12215.2/12$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -890.416 ± 0.152 $\chi^2/\text{NDF}: 14035.2/11$

Left: -891.302 ± 0.115 $\chi^2/\text{NDF}: 26331.6/24$

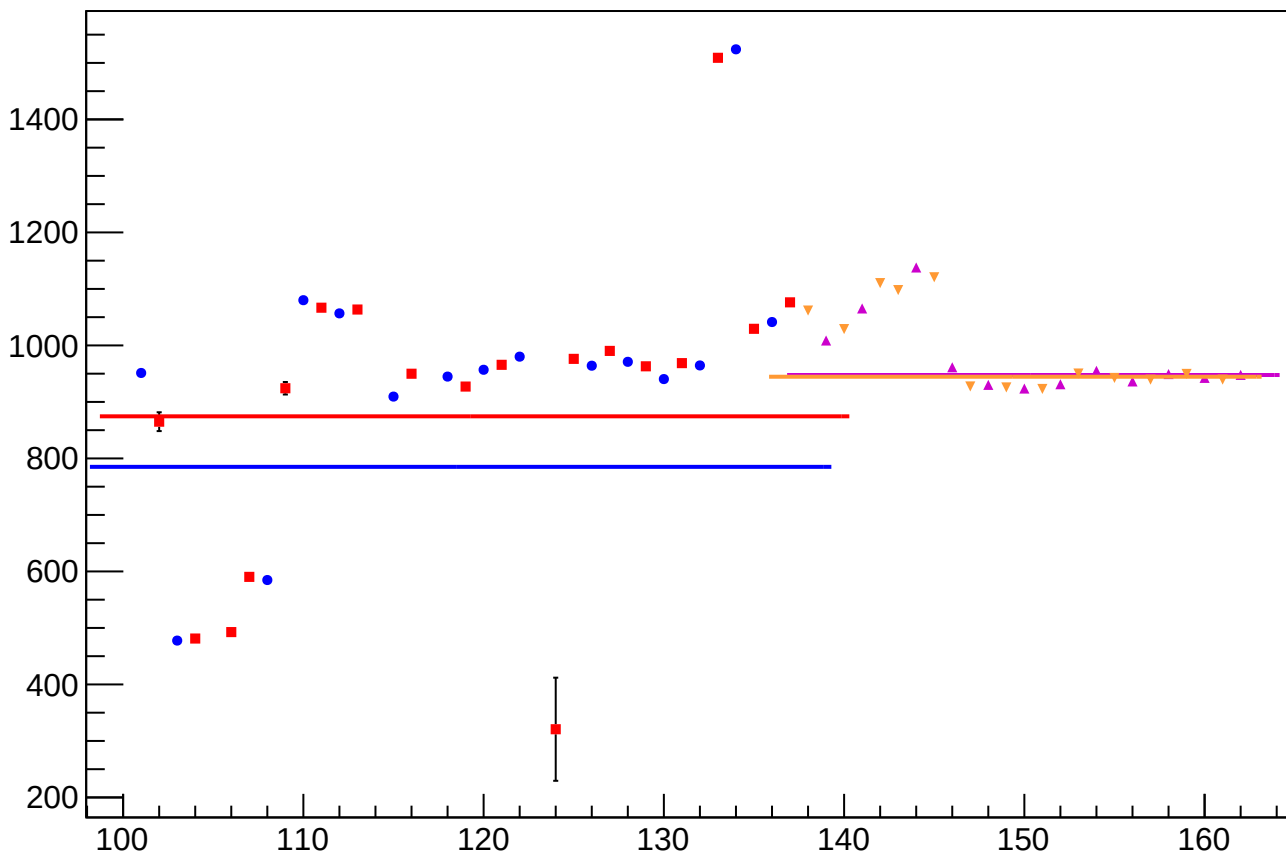
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -810.822 ± 0.128 $\chi^2/\text{NDF}: 1348684.6/26$

Out: -816.352 ± 0.146 $\chi^2/\text{NDF}: 958144.3/30$

All: -813.216 ± 0.096 $\chi^2/\text{NDF}: 2307639.0/57$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.590+/-0.142 χ^2/NDF : 68258.9/12

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 947.647+/-0.125 χ^2/NDF : 73914.0/11

Left: 946.311+/-0.094 χ^2/NDF : 142433.0/24

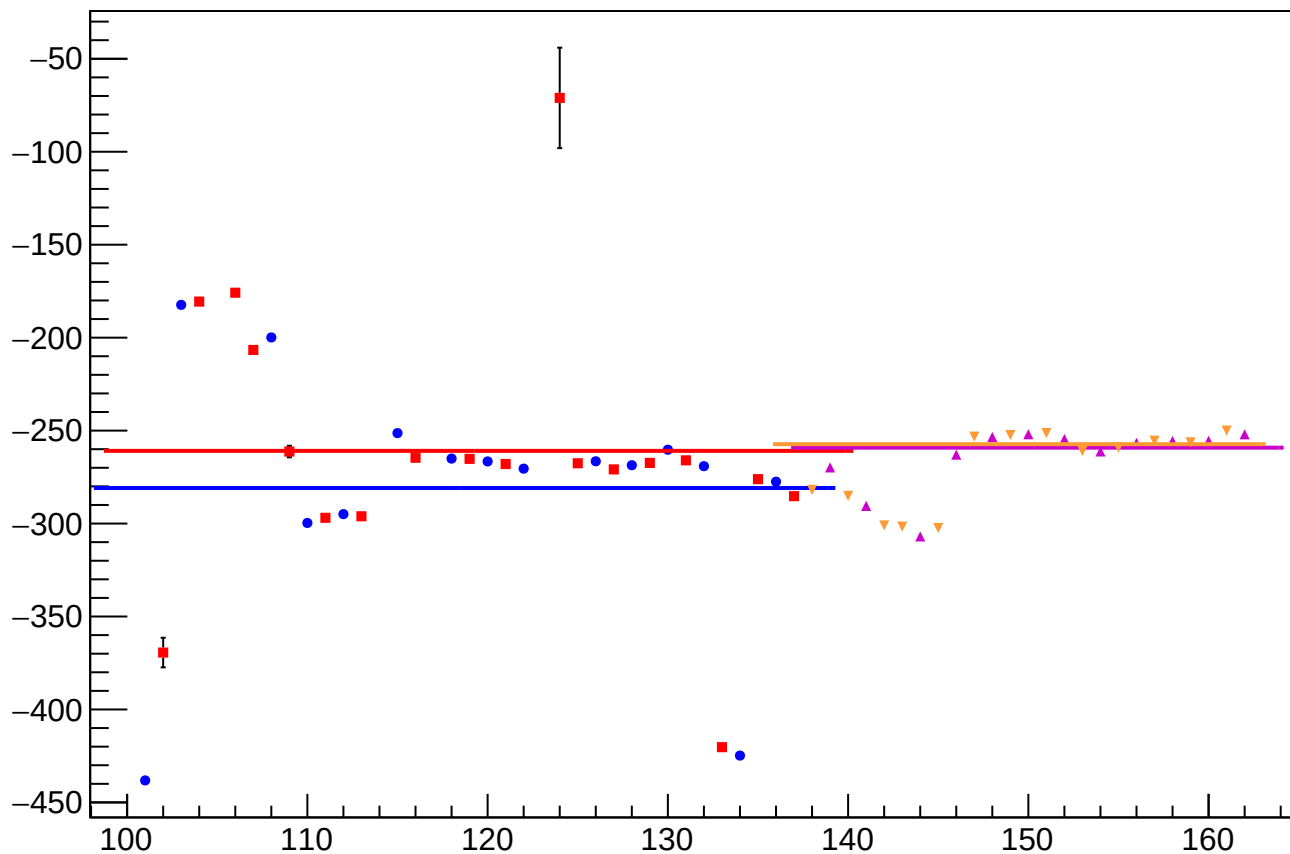
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 909.938+/-0.110 χ^2/NDF : 1350306.2/26

Out: 928.570+/-0.125 χ^2/NDF : 966318.1/30

All: 918.062+/-0.082 χ^2/NDF : 2329172.5/57

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.295 ± 0.023 $\chi^2/\text{NDF}: 167989.4/12$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.177 ± 0.023 $\chi^2/\text{NDF}: 186421.6/11$

Left: -258.251 ± 0.016 $\chi^2/\text{NDF}: 357805.4/24$

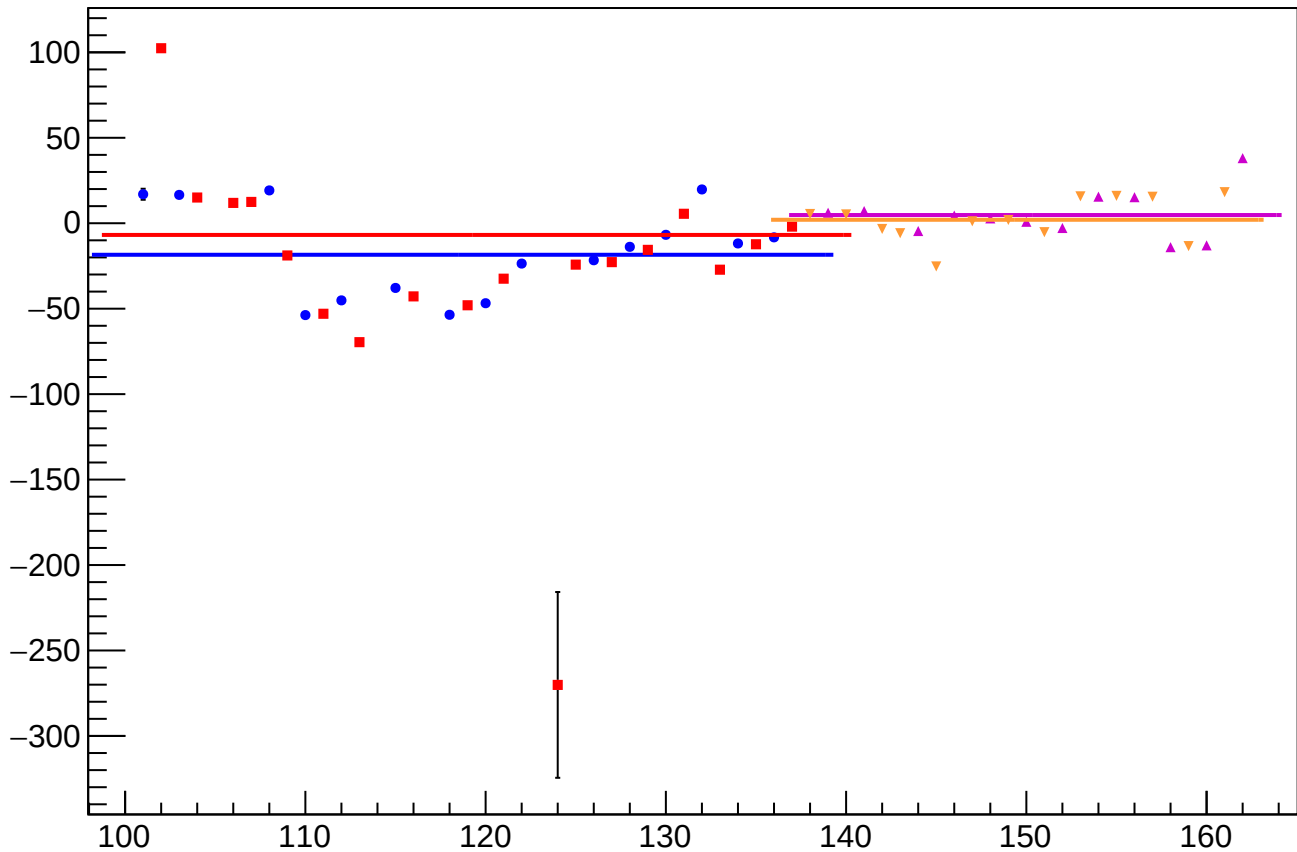
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -262.000 ± 0.021 $\chi^2/\text{NDF}: 1179350.4/26$

Out: -257.670 ± 0.022 $\chi^2/\text{NDF}: 518253.2/30$

All: -259.902 ± 0.015 $\chi^2/\text{NDF}: 1717959.0/57$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.026 ± 0.029 $\chi^2/\text{NDF}: 188987.0/12$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.804 ± 0.023 $\chi^2/\text{NDF}: 389506.9/11$

Left: 3.740 ± 0.018 $\chi^2/\text{NDF}: 584194.9/24$

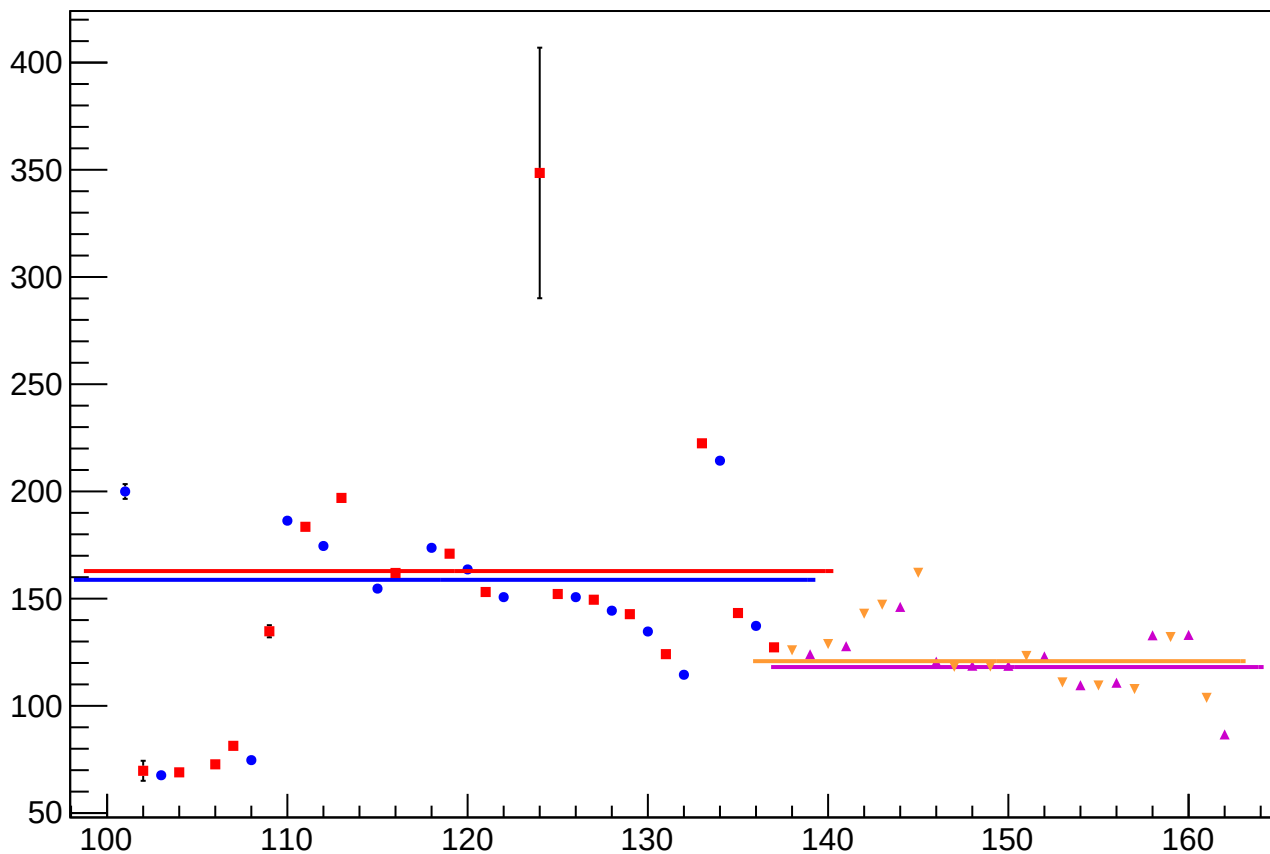
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.440 ± 0.022 $\chi^2/\text{NDF}: 497198.4/26$

Out: 0.545 ± 0.026 $\chi^2/\text{NDF}: 254723.9/30$

All: 2.246 ± 0.017 $\chi^2/\text{NDF}: 758999.5/57$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 120.839 $\pm$ 0.034 χ^2 /NDF:103700.9/12

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 118.096 $\pm$ 0.028 χ^2 /NDF:255444.8/11

Left: 119.211 $\pm$ 0.021 χ^2 /NDF: 363079.9/24

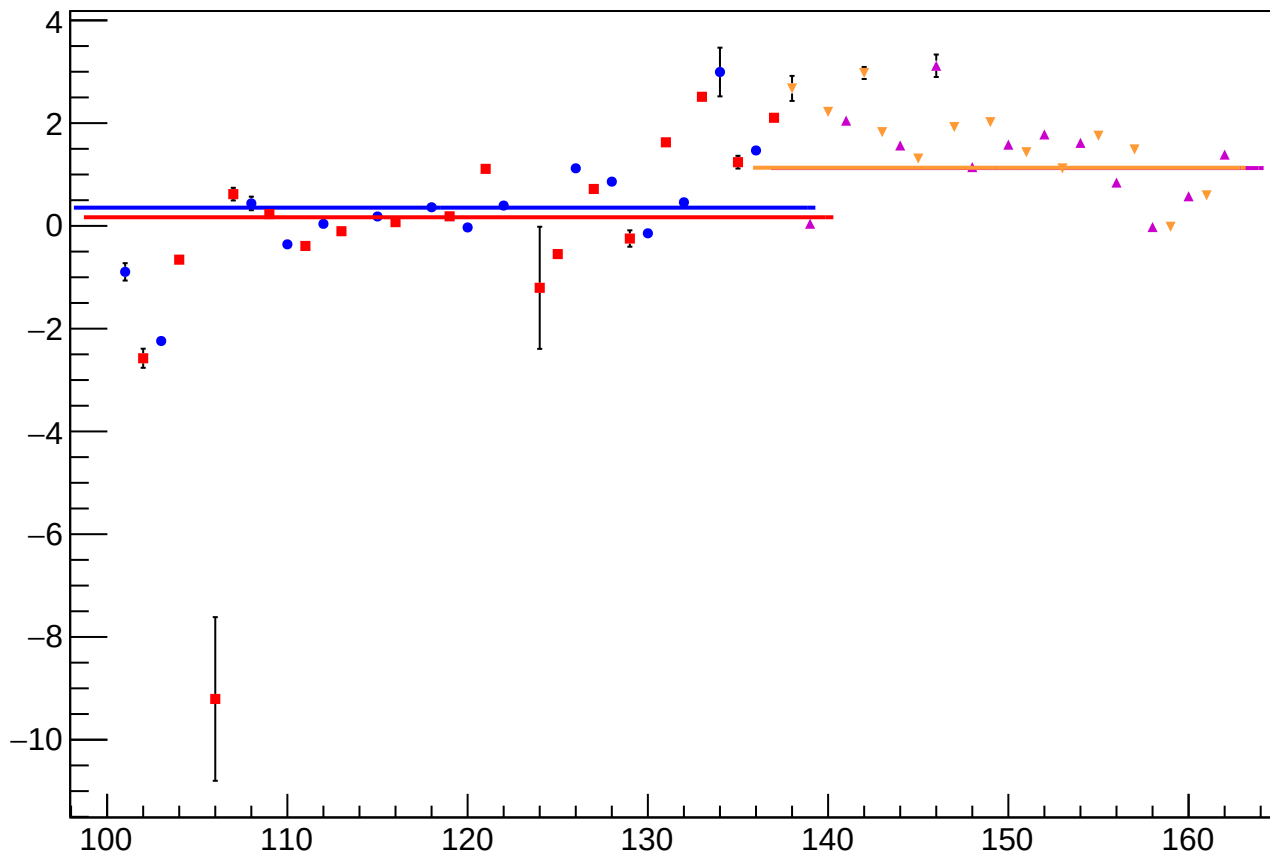
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 121.785 $\pm$ 0.027 χ^2 /NDF:607379.9/26

Out: 125.689 $\pm$ 0.032 χ^2 /NDF:439402.3/30

All: 123.399 $\pm$ 0.020 χ^2 /NDF: 1055686.3/57

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.132 ± 0.012 $\chi^2/\text{NDF}: 4754.4/12$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.125 ± 0.009 $\chi^2/\text{NDF}: 6143.6/11$

Left: 1.128 ± 0.007 $\chi^2/\text{NDF}: 10898.2/24$

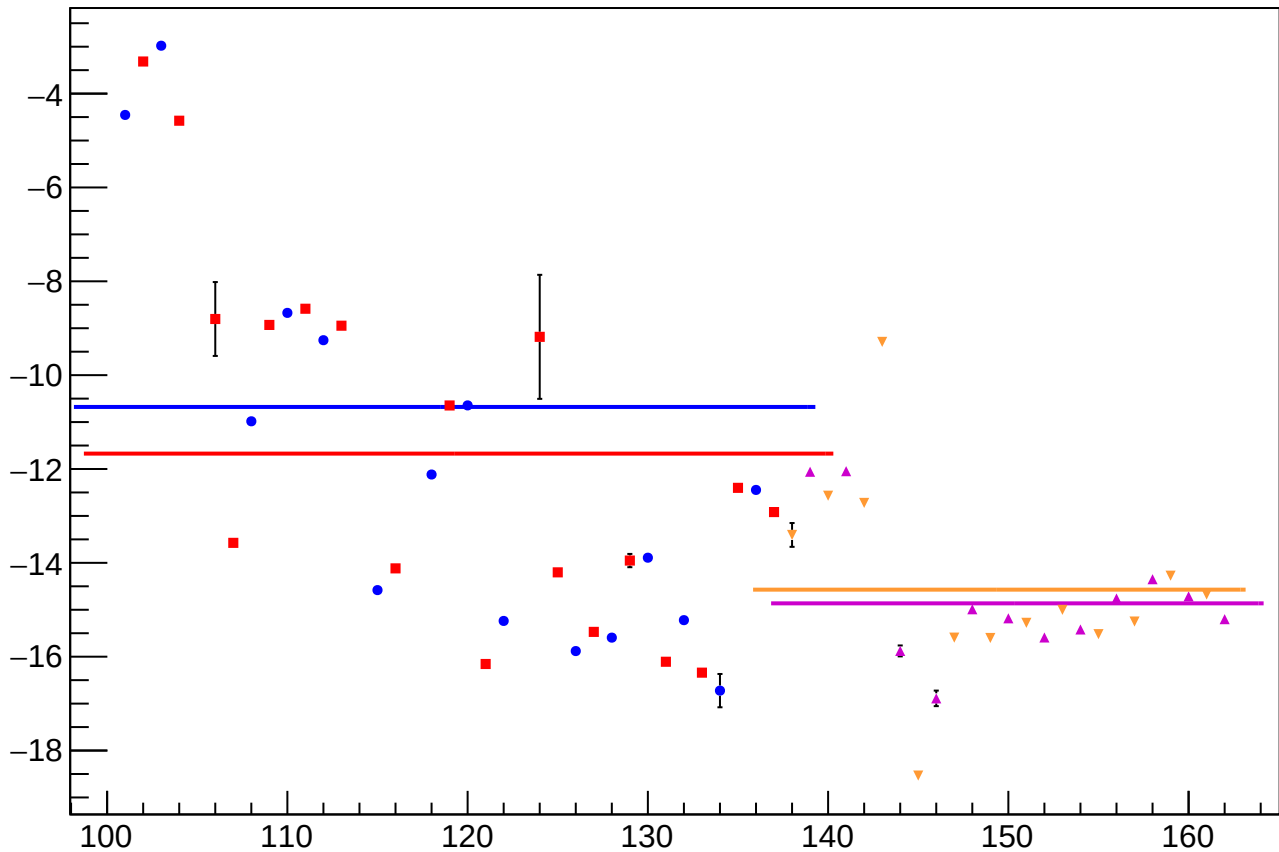
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.846 ± 0.007 $\chi^2/\text{NDF}: 12888.2/26$

Out: 0.437 ± 0.006 $\chi^2/\text{NDF}: 13790.2/30$

All: 0.623 ± 0.005 $\chi^2/\text{NDF}: 28483.8/57$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.571 ± 0.010 $\chi^2/\text{NDF}: 29250.4/12$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.863 ± 0.008 $\chi^2/\text{NDF}: 11421.0/11$

Left: -14.752 ± 0.006 $\chi^2/\text{NDF}: 41190.7/24$

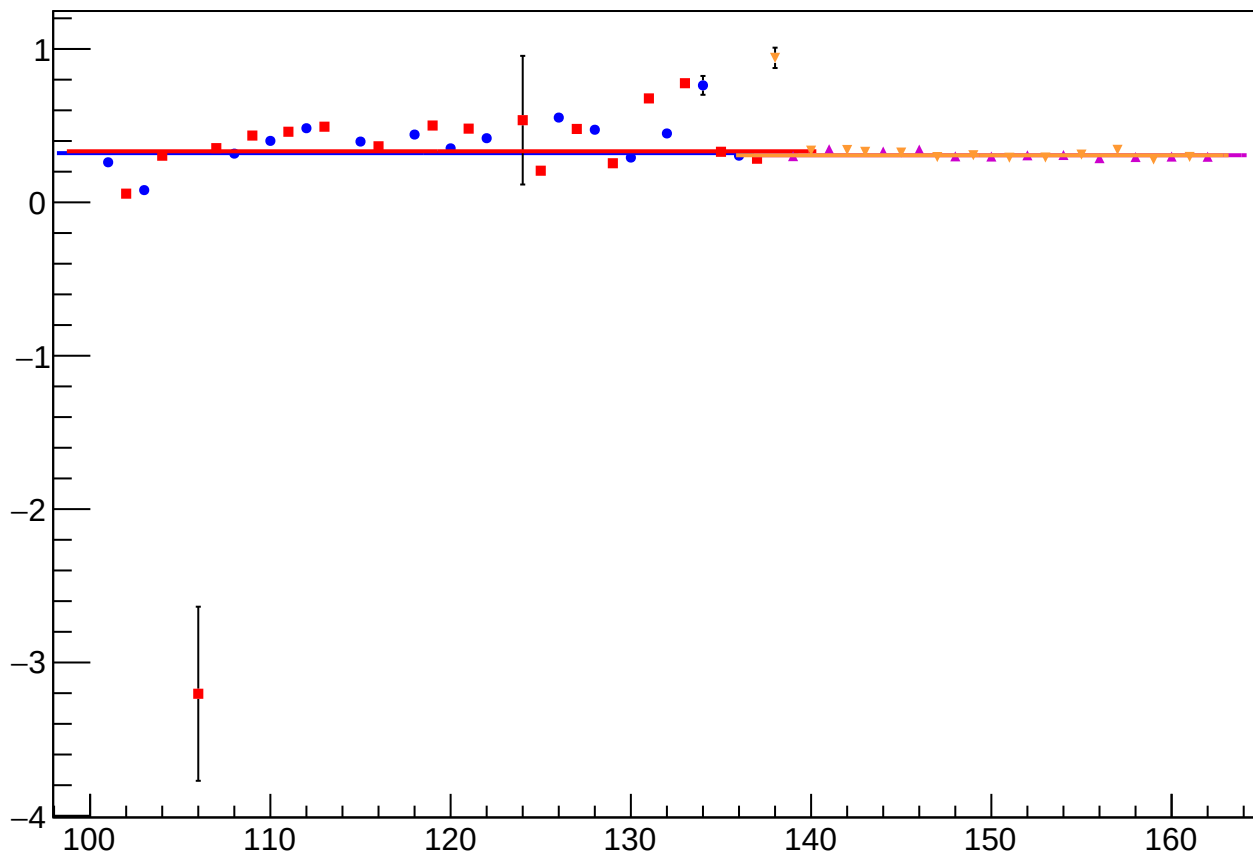
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.304 ± 0.006 $\chi^2/\text{NDF}: 342272.5/26$

Out: -13.329 ± 0.008 $\chi^2/\text{NDF}: 172554.6/30$

All: -13.314 ± 0.005 $\chi^2/\text{NDF}: 514833.6/57$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.307+/-0.000 χ^2/NDF : 3724.2/12

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.307+/-0.000 χ^2/NDF : 2045.1/11

Left: 0.307+/-0.000 χ^2/NDF : 5769.7/24

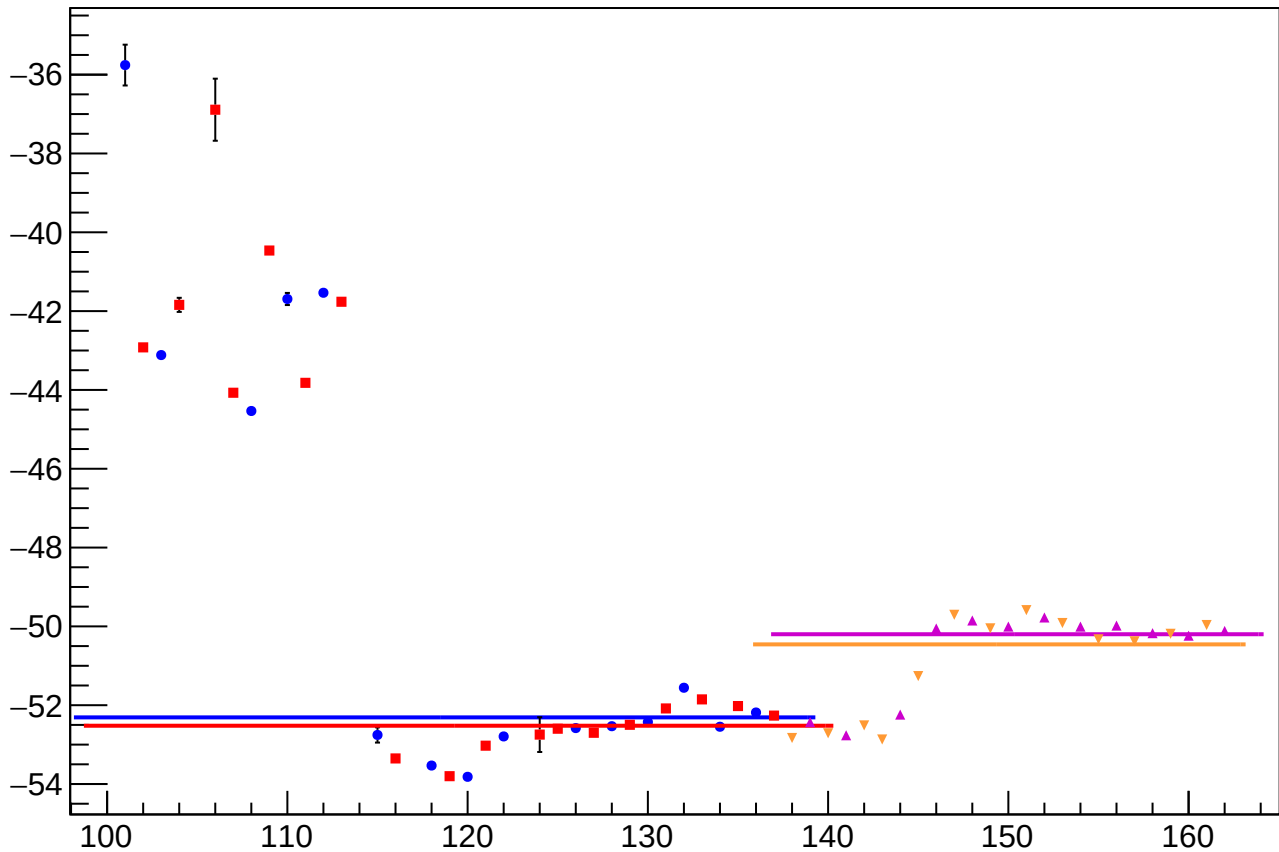
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6254.3/26

Out: 0.309+/-0.000 χ^2/NDF : 8298.4/30

All: 0.309+/-0.000 χ^2/NDF : 14552.8/57

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.457 ± 0.002 χ^2/NDF : 216389.9/12

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.199 ± 0.002 χ^2/NDF : 155251.2/11

Left: -50.286 ± 0.001 χ^2/NDF : 380417.5/24

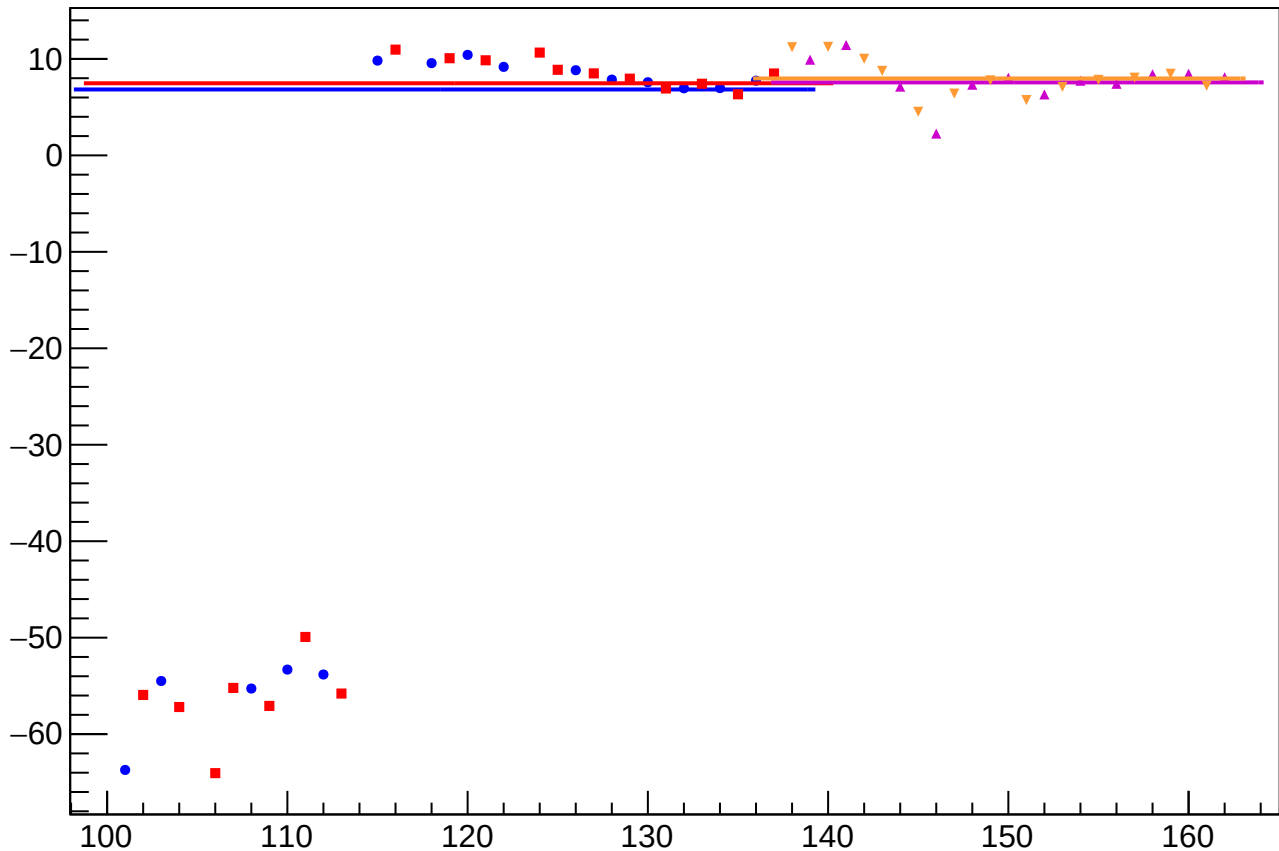
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.443 ± 0.002 χ^2/NDF : 410753.8/26

Out: -50.850 ± 0.002 χ^2/NDF : 455619.0/30

All: -50.589 ± 0.001 χ^2/NDF : 892646.4/57

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.977 ± 0.005 $\chi^2/\text{NDF}: 78731.7/12$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.566 ± 0.004 $\chi^2/\text{NDF}: 99927.6/11$

Left: 7.726 ± 0.003 $\chi^2/\text{NDF}: 183420.2/24$

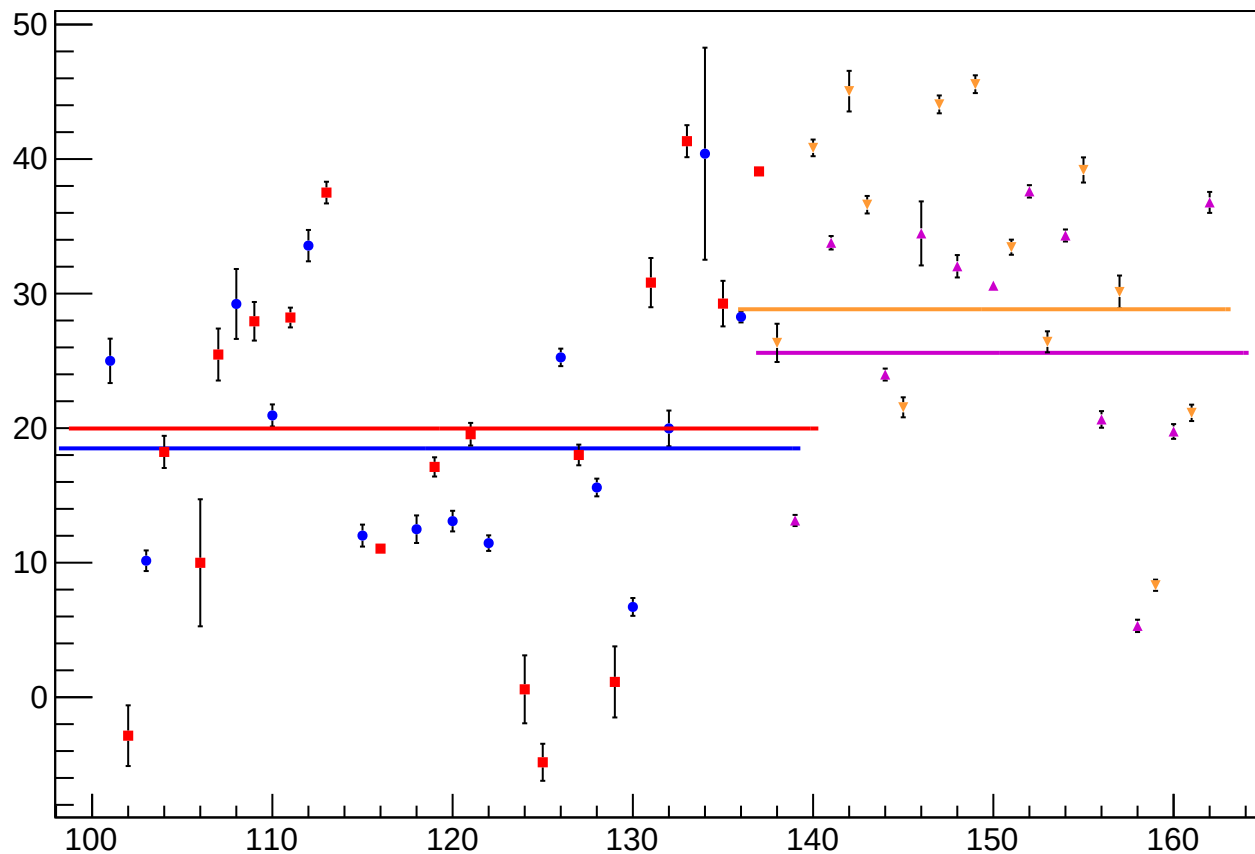
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.310 ± 0.003 $\chi^2/\text{NDF}: 1104112.4/26$

Out: 7.876 ± 0.004 $\chi^2/\text{NDF}: 1276571.5/30$

All: 7.503 ± 0.002 $\chi^2/\text{NDF}: 2392871.5/57$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 28.836 ± 0.191 χ^2/NDF : 4674.9/12

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 25.597 ± 0.144 χ^2/NDF : 4892.6/11

Left: 26.770 ± 0.115 χ^2/NDF : 9750.2/24

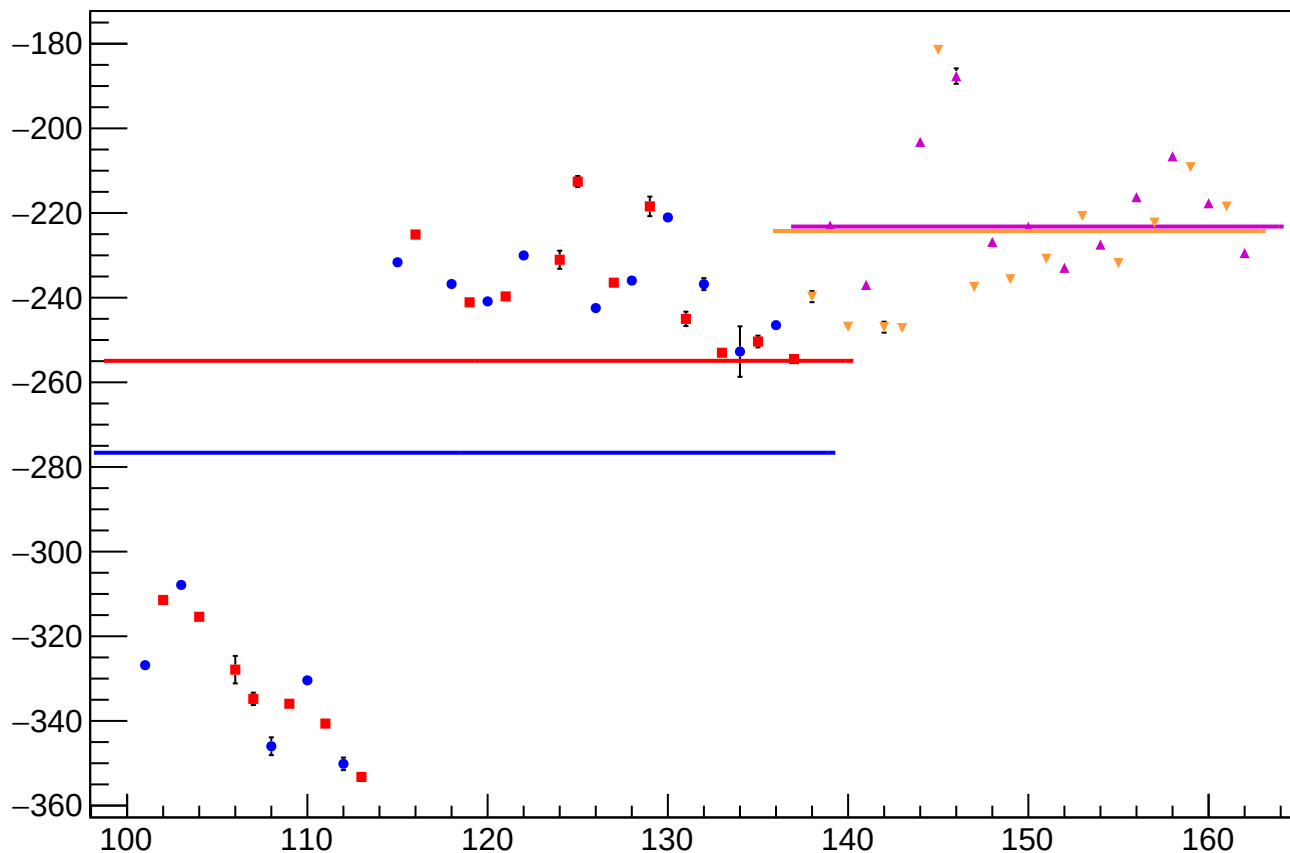
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 23.168 ± 0.117 χ^2/NDF : 7358.2/26

Out: 22.777 ± 0.108 χ^2/NDF : 15342.2/30

All: 22.956 ± 0.079 χ^2/NDF : 22706.4/57

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -224.249 ± 0.155 χ^2/NDF : 13802.5/12

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -223.197 ± 0.124 χ^2/NDF : 4783.3/11

Left: -223.607 ± 0.097 χ^2/NDF : 18614.0/24

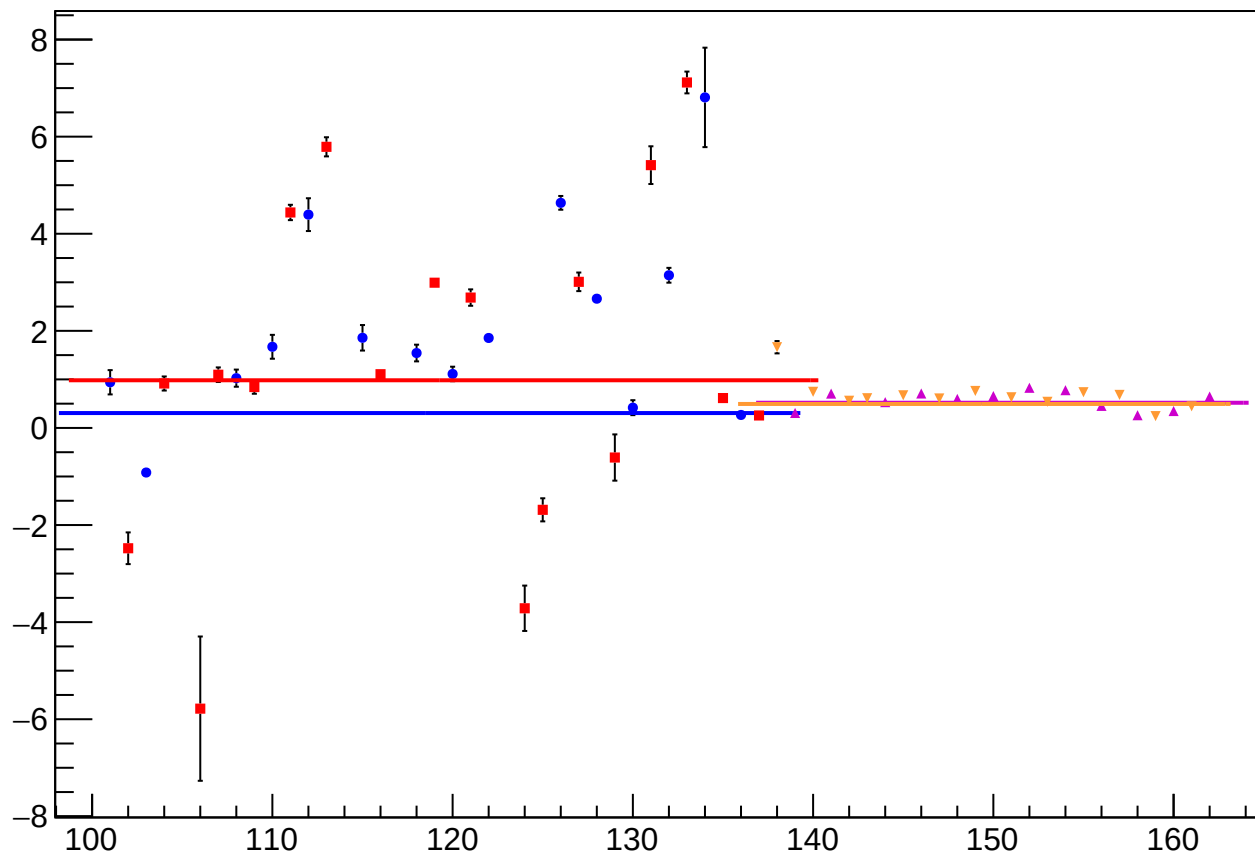
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -245.269 ± 0.095 χ^2/NDF : 158901.8/26

Out: -249.563 ± 0.065 χ^2/NDF : 118141.5/30

All: -248.199 ± 0.053 χ^2/NDF : 278442.2/57

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.494 ± 0.002 $\chi^2/\text{NDF}: 7533.5/12$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.519 ± 0.002 $\chi^2/\text{NDF}: 12334.9/11$

Left: 0.509 ± 0.002 $\chi^2/\text{NDF}: 19931.0/24$

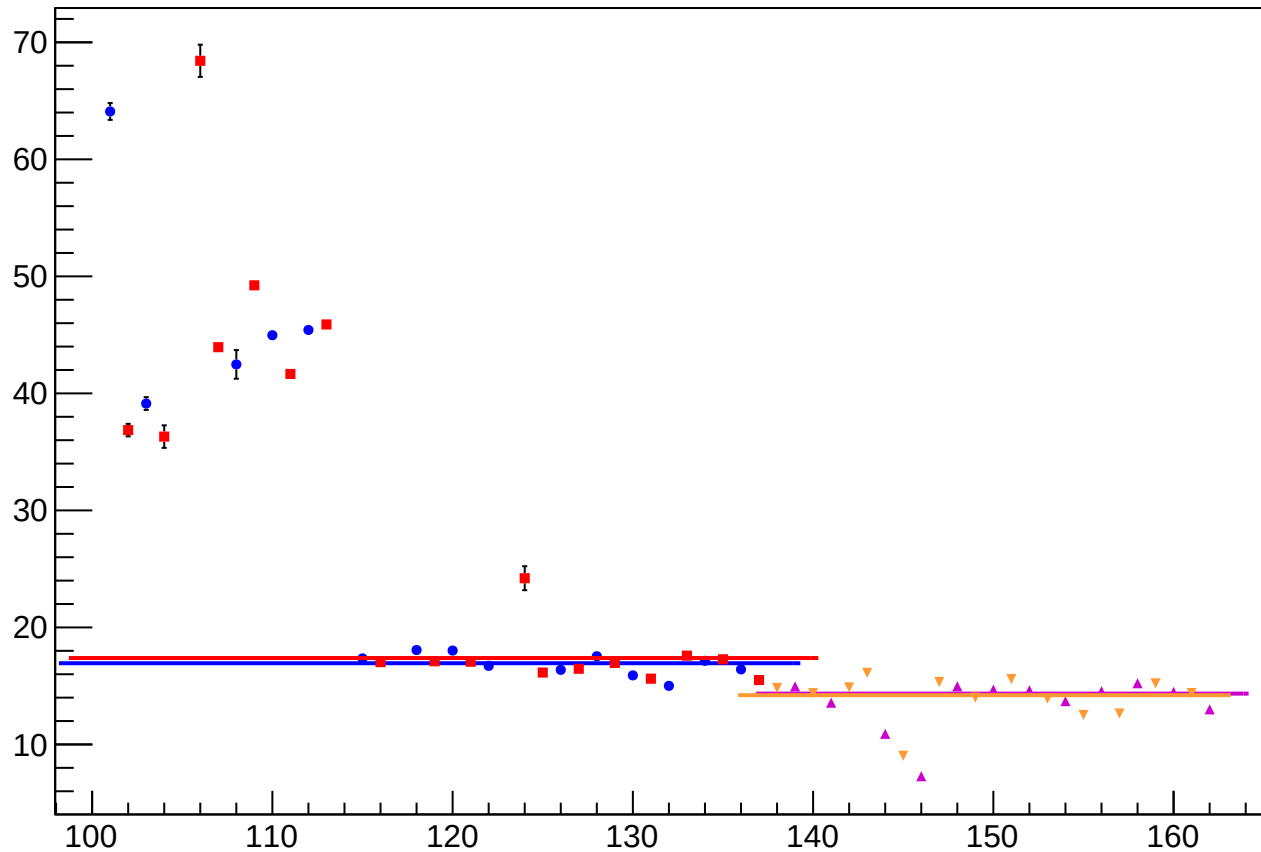
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.501 ± 0.002 $\chi^2/\text{NDF}: 16057.9/26$

Out: 0.507 ± 0.002 $\chi^2/\text{NDF}: 11984.5/30$

All: 0.503 ± 0.001 $\chi^2/\text{NDF}: 28045.9/57$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 14.209 ± 0.010 χ^2/NDF : 49714.4/12

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 14.344 ± 0.010 χ^2/NDF : 8571.7/11

Left: 14.277 ± 0.007 χ^2/NDF : 58382.7/24

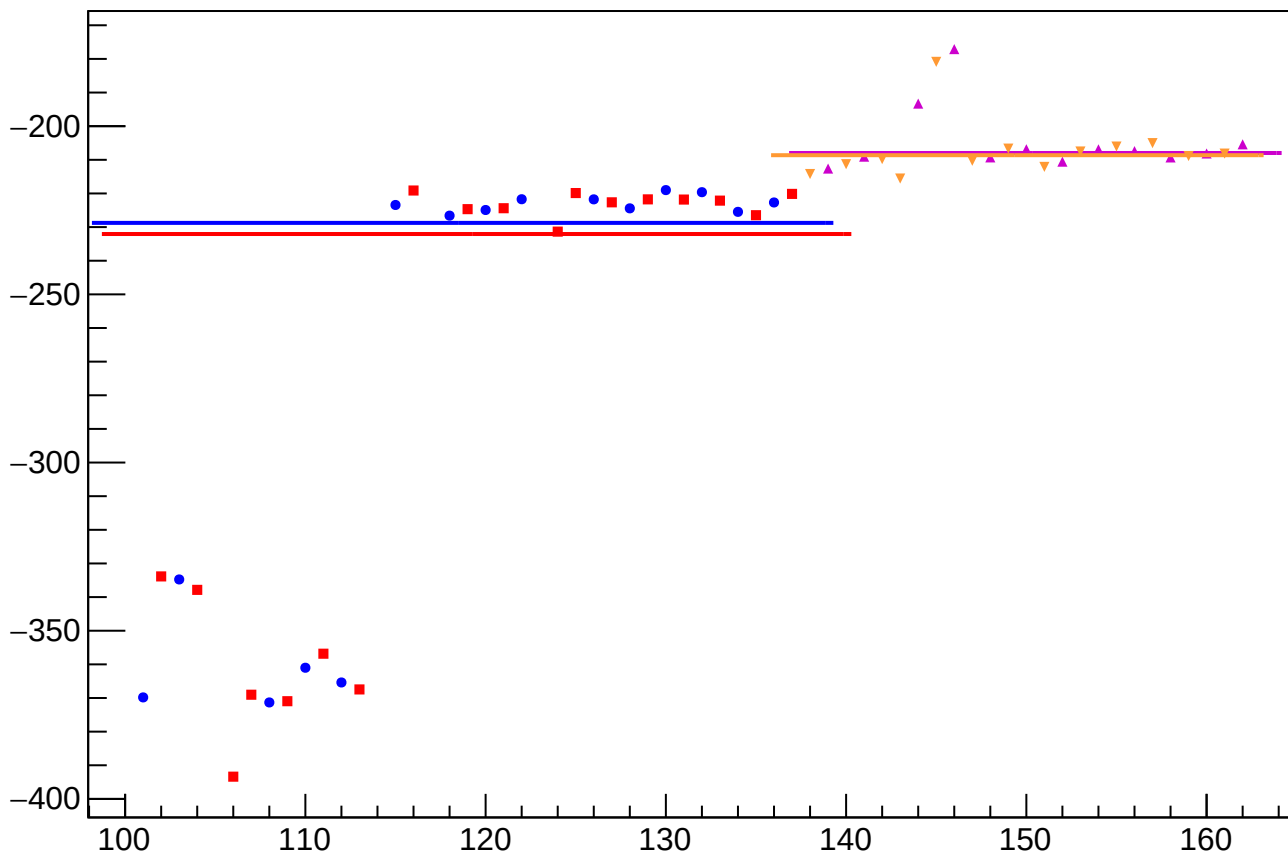
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 15.286 ± 0.008 χ^2/NDF : 63551.4/26

Out: 14.951 ± 0.009 χ^2/NDF : 135834.7/30

All: 15.134 ± 0.006 χ^2/NDF : 200232.0/57

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -208.627+/-0.020 χ^2/NDF : 73808.6/12

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -207.968+/-0.018 χ^2/NDF : 15785.1/11

Left: -208.272+/-0.013 χ^2/NDF : 90192.4/24

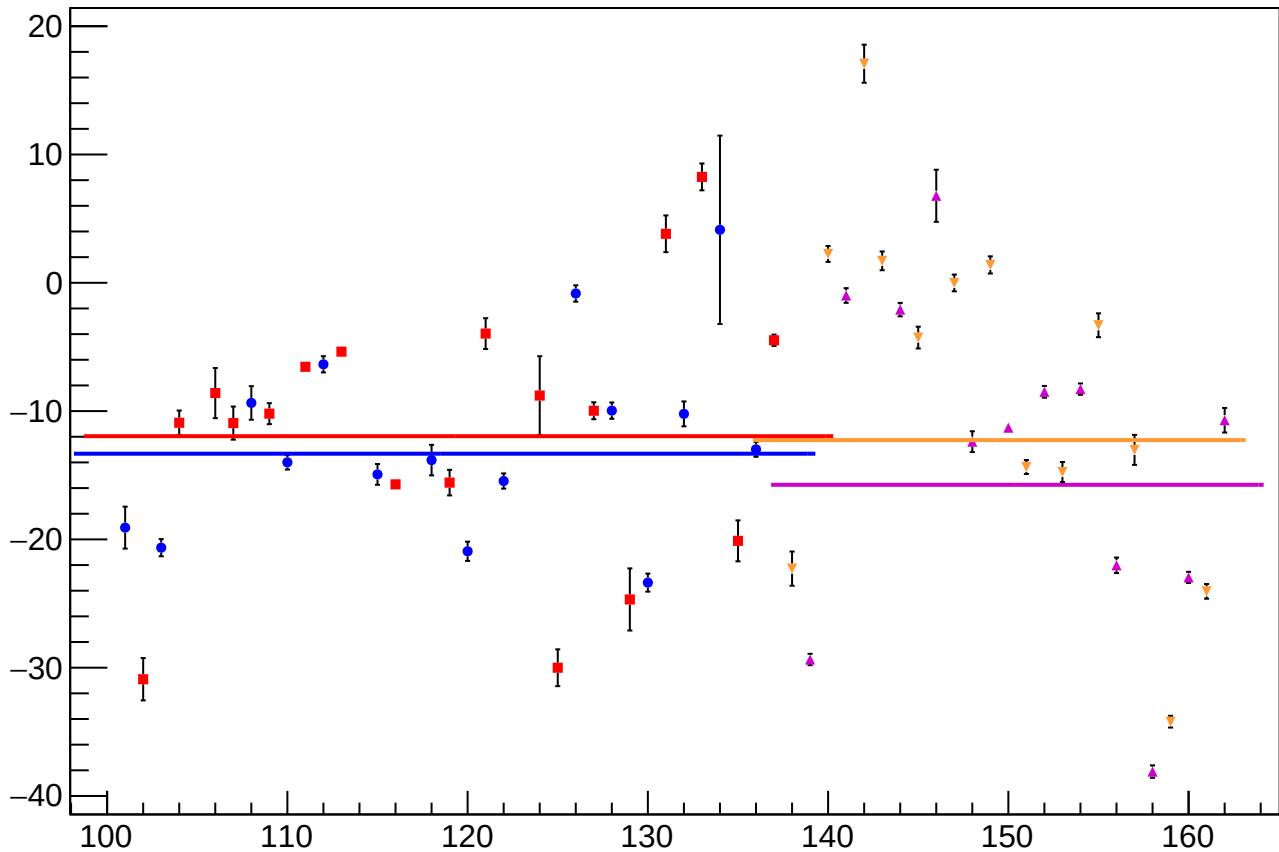
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -212.485+/-0.016 χ^2/NDF : 954302.0/26

Out: -212.985+/-0.018 χ^2/NDF : 1127322.6/30

All: -212.711+/-0.012 χ^2/NDF : 2082057.1/57

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -12.261 ± 0.196 $\chi^2/\text{NDF}: 5041.9/12$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.745 ± 0.149 $\chi^2/\text{NDF}: 5663.6/11$

Left: -14.464 ± 0.119 $\chi^2/\text{NDF}: 10906.2/24$

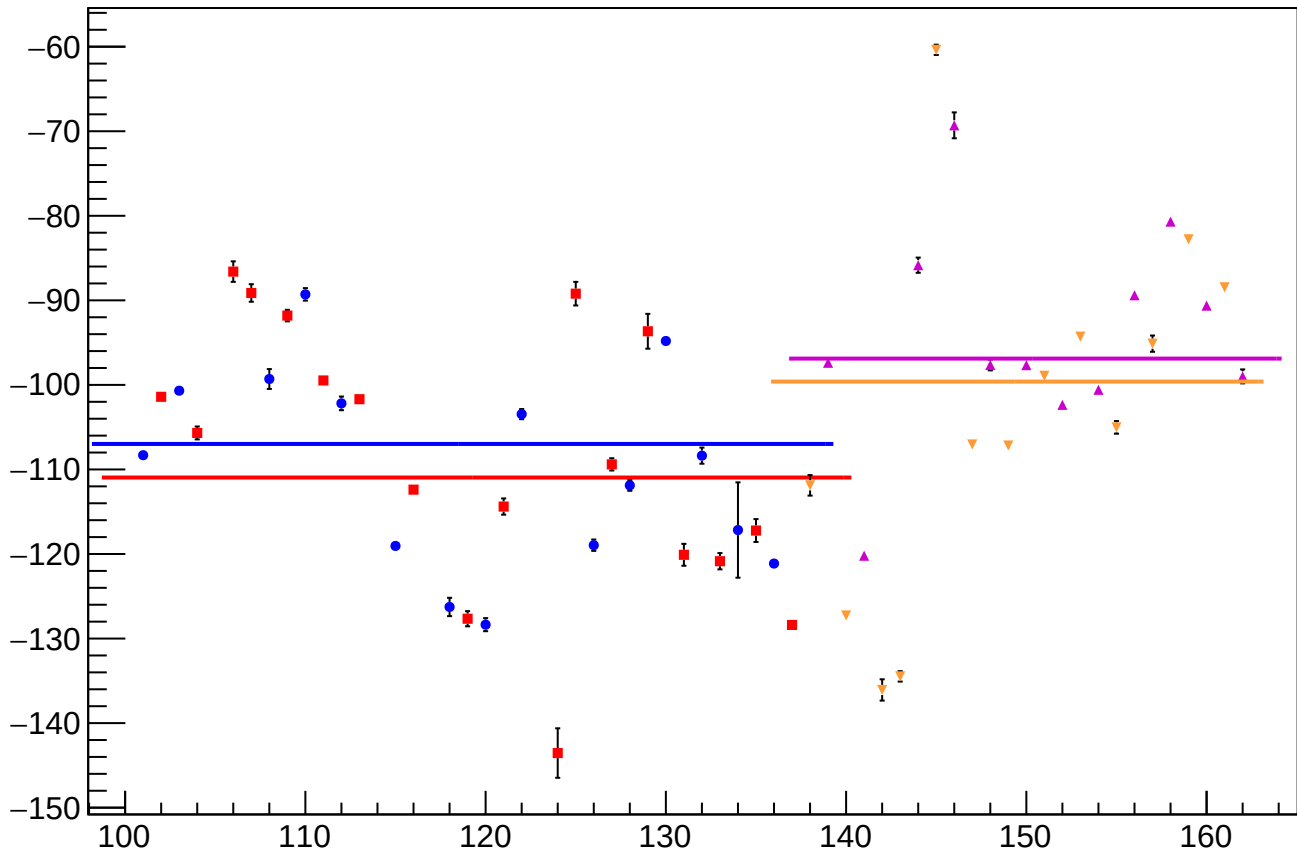
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.843 ± 0.118 $\chi^2/\text{NDF}: 6774.9/26$

Out: -12.032 ± 0.098 $\chi^2/\text{NDF}: 7530.9/30$

All: -13.172 ± 0.075 $\chi^2/\text{NDF}: 14642.3/57$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.607 ± 0.156 χ^2/NDF : 14632.9/12

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -96.889 ± 0.125 χ^2/NDF : 5254.2/11

Left: -97.946 ± 0.097 χ^2/NDF : 20072.5/24

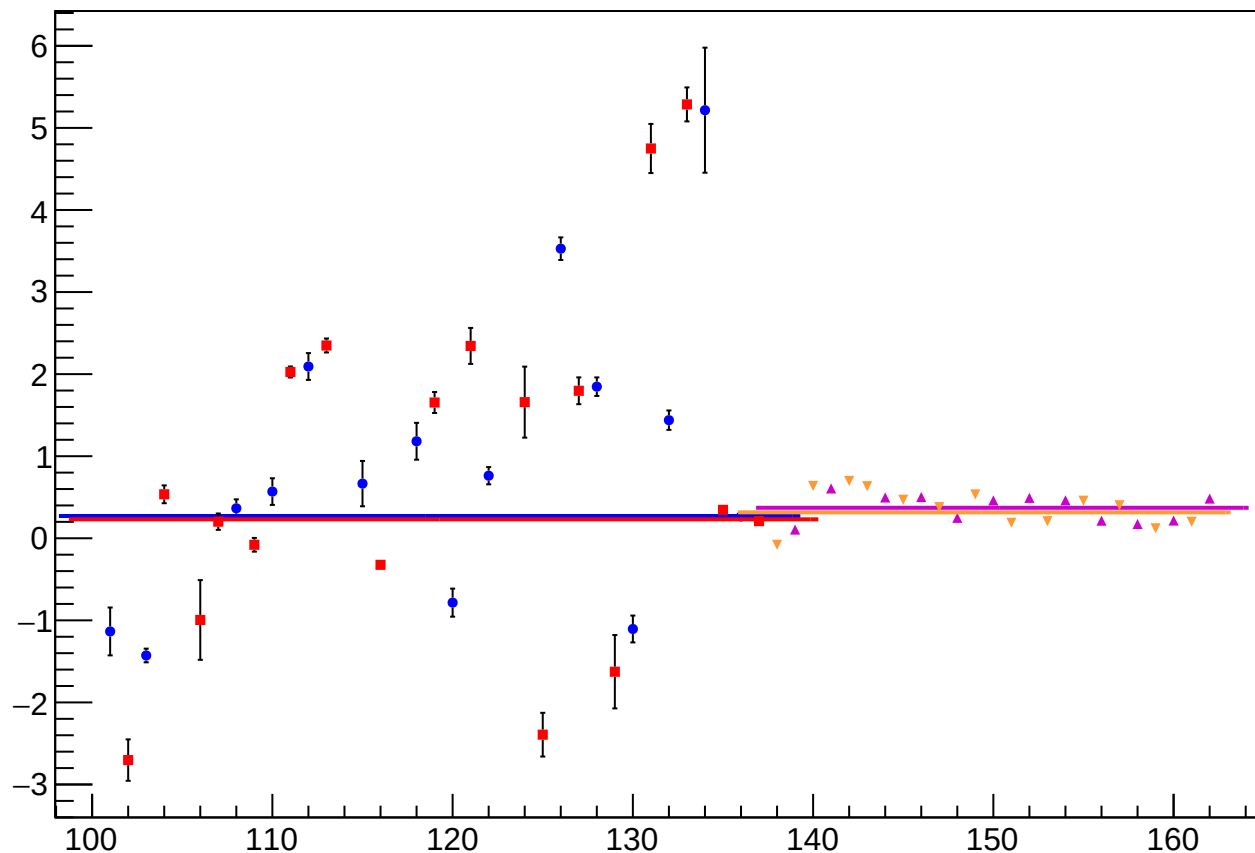
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.557 ± 0.082 χ^2/NDF : 13603.1/26

Out: -109.891 ± 0.048 χ^2/NDF : 30098.5/30

All: -108.048 ± 0.041 χ^2/NDF : 49626.6/57

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.316 ± 0.003 $\chi^2/\text{NDF}: 6406.8/12$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.372 ± 0.002 $\chi^2/\text{NDF}: 7377.3/11$

Left: 0.351 ± 0.002 $\chi^2/\text{NDF}: 14066.9/24$

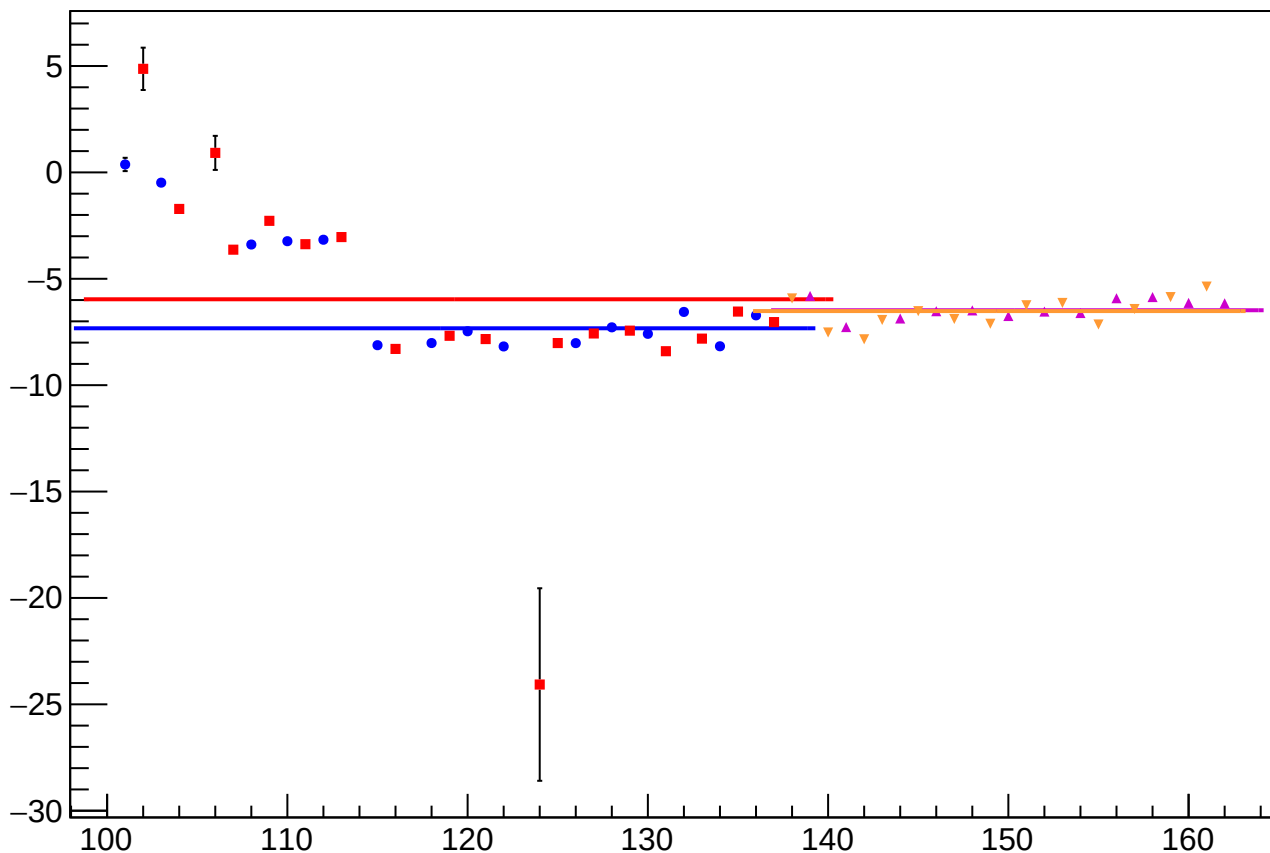
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.359 ± 0.002 $\chi^2/\text{NDF}: 9300.7/26$

Out: 0.294 ± 0.002 $\chi^2/\text{NDF}: 9590.3/30$

All: 0.332 ± 0.001 $\chi^2/\text{NDF}: 19380.2/57$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.518 ± 0.008 $\chi^2/\text{NDF}: 5344.7/12$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.479 ± 0.006 $\chi^2/\text{NDF}: 5248.3/11$

Left: -6.494 ± 0.005 $\chi^2/\text{NDF}: 10608.8/24$

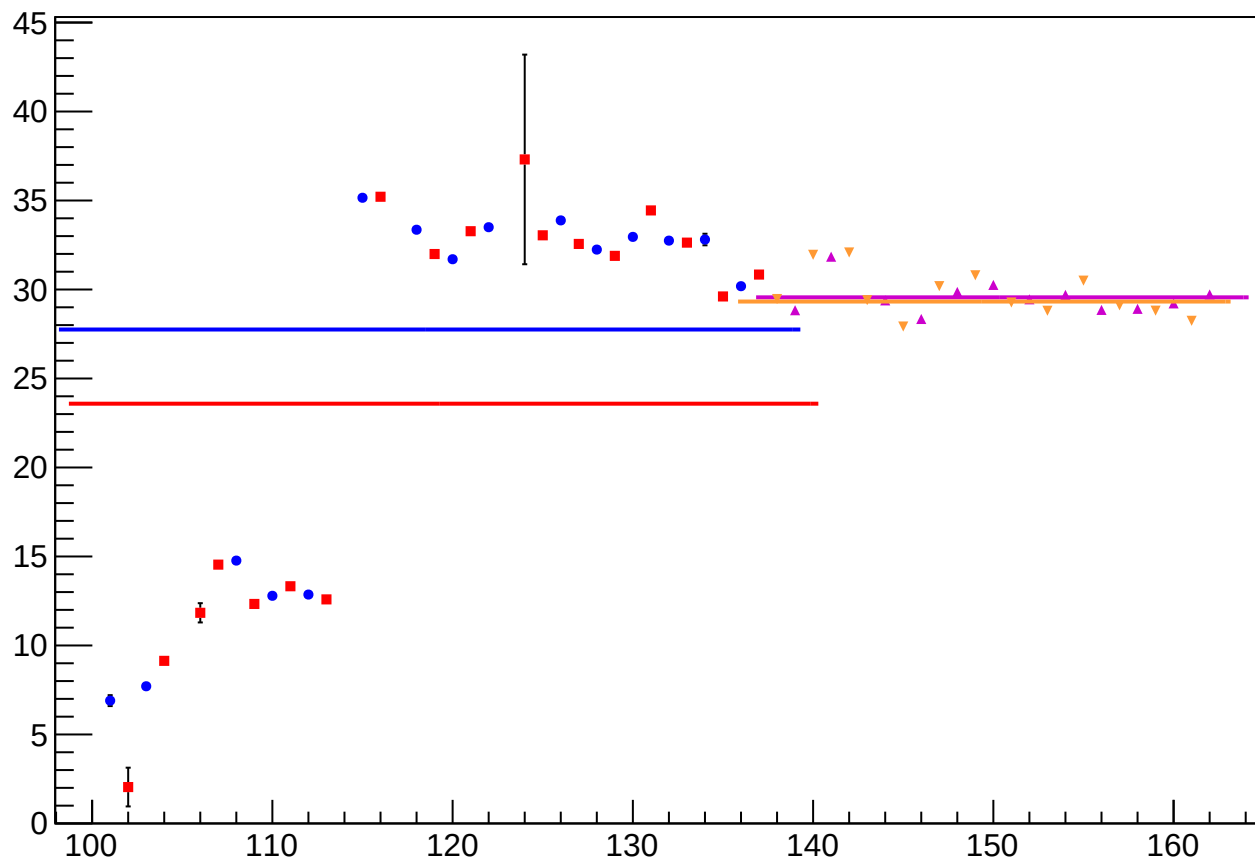
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.771 ± 0.005 $\chi^2/\text{NDF}: 42451.5/26$

Out: -6.276 ± 0.006 $\chi^2/\text{NDF}: 79396.6/30$

All: -6.564 ± 0.004 $\chi^2/\text{NDF}: 126089.7/57$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 $\chi^2/\text{NDF}: 332926.6/14$

Left Out: 29.324 ± 0.013 $\chi^2/\text{NDF}: 8248.8/12$

Right Out: 23.585 ± 0.014 $\chi^2/\text{NDF}: 539616.2/17$

Left In: 29.560 ± 0.011 $\chi^2/\text{NDF}: 2960.8/11$

Left: 29.458 ± 0.008 $\chi^2/\text{NDF}: 11405.0/24$

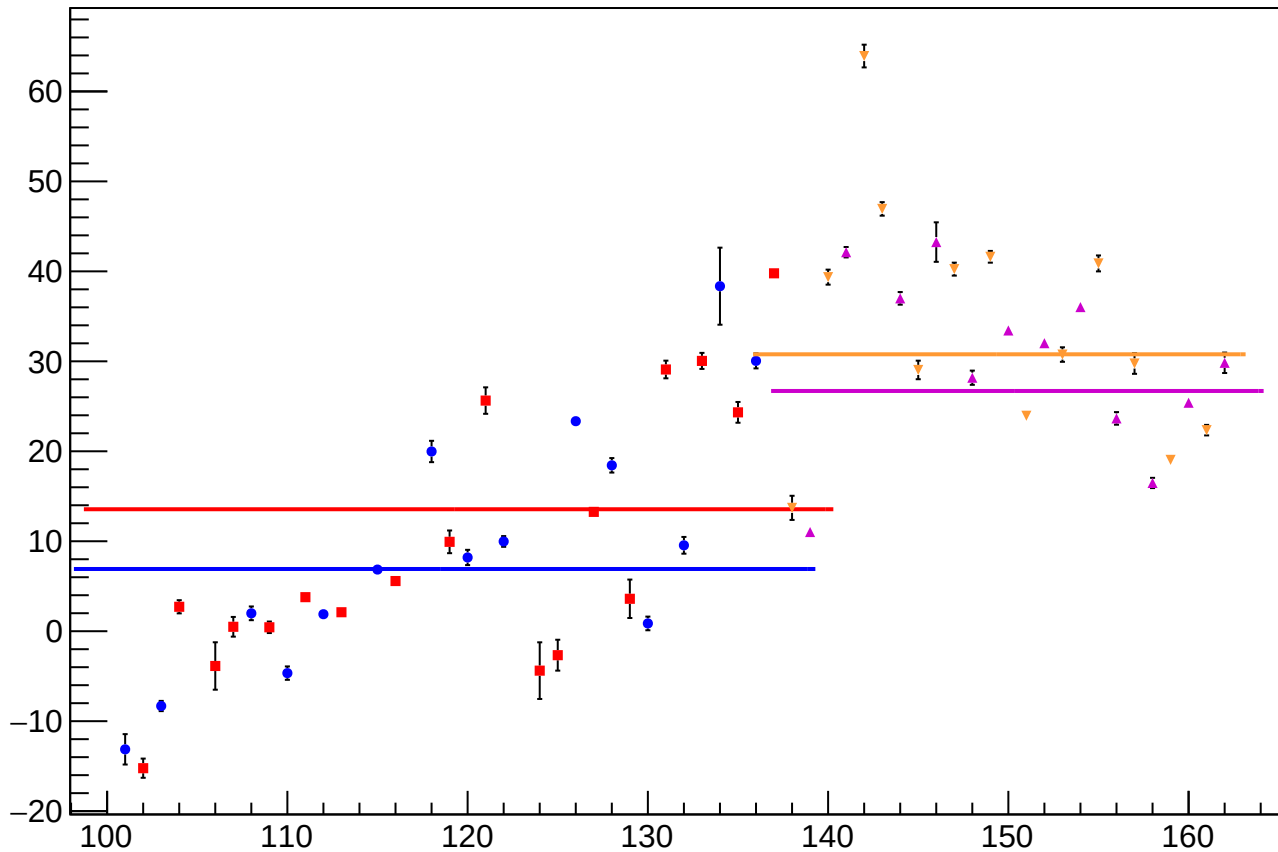
Right: 25.477 ± 0.010 $\chi^2/\text{NDF}: 914478.1/32$

In: 28.925 ± 0.009 $\chi^2/\text{NDF}: 345261.6/26$

Out: 26.665 ± 0.009 $\chi^2/\text{NDF}: 641875.5/30$

All: 27.847 ± 0.006 $\chi^2/\text{NDF}: 1017793.4/57$

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 30.780 ± 0.202 $\chi^2/\text{NDF}: 3037.5/12$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.703 ± 0.147 $\chi^2/\text{NDF}: 4631.8/11$

Left: 28.121 ± 0.119 $\chi^2/\text{NDF}: 7935.8/24$

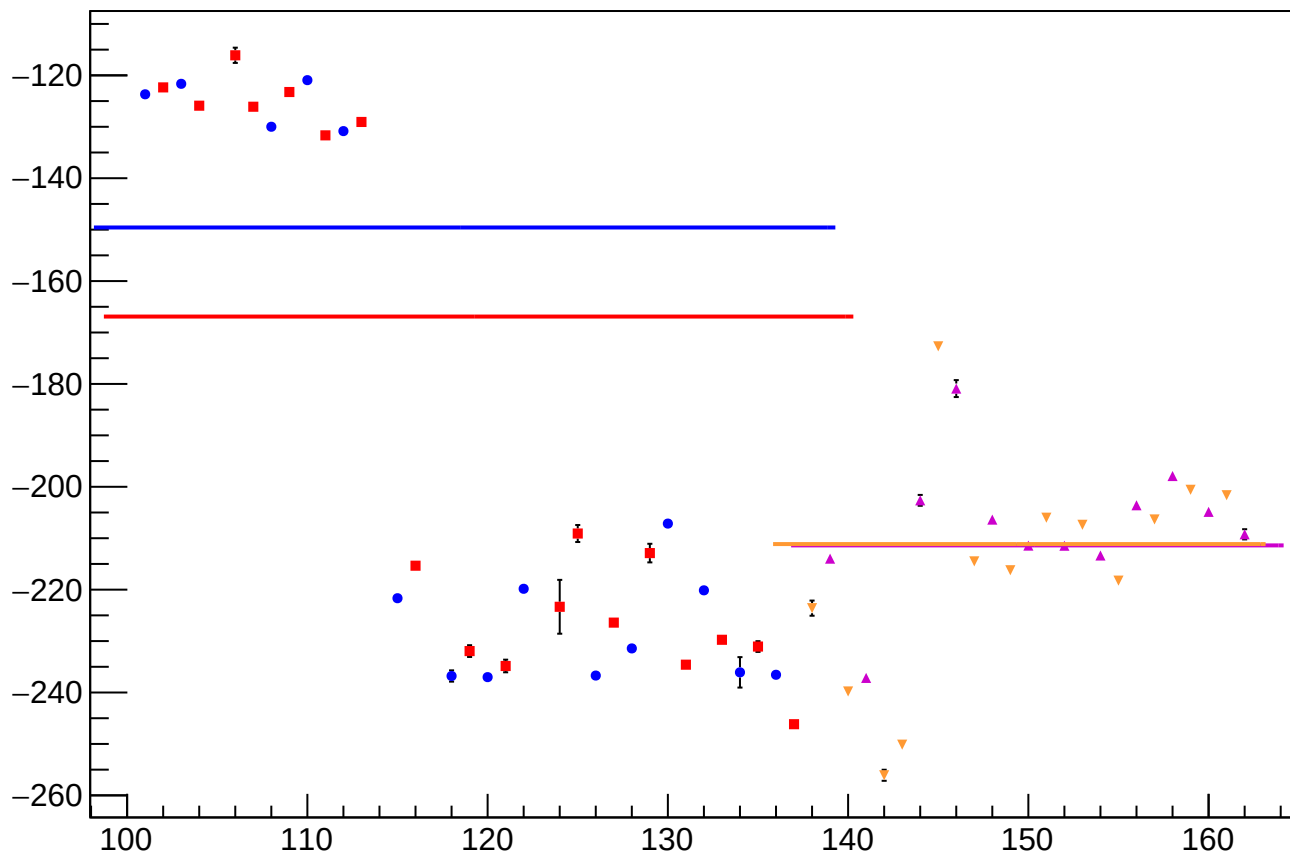
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 18.585 ± 0.113 $\chi^2/\text{NDF}: 15542.4/26$

Out: 19.430 ± 0.118 $\chi^2/\text{NDF}: 19501.5/30$

All: 18.990 ± 0.082 $\chi^2/\text{NDF}: 35070.7/57$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -211.138 ± 0.163 $\chi^2/\text{NDF}: 11811.9/12$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -211.395 ± 0.123 $\chi^2/\text{NDF}: 5138.6/11$

Left: -211.301 ± 0.098 $\chi^2/\text{NDF}: 16952.1/24$

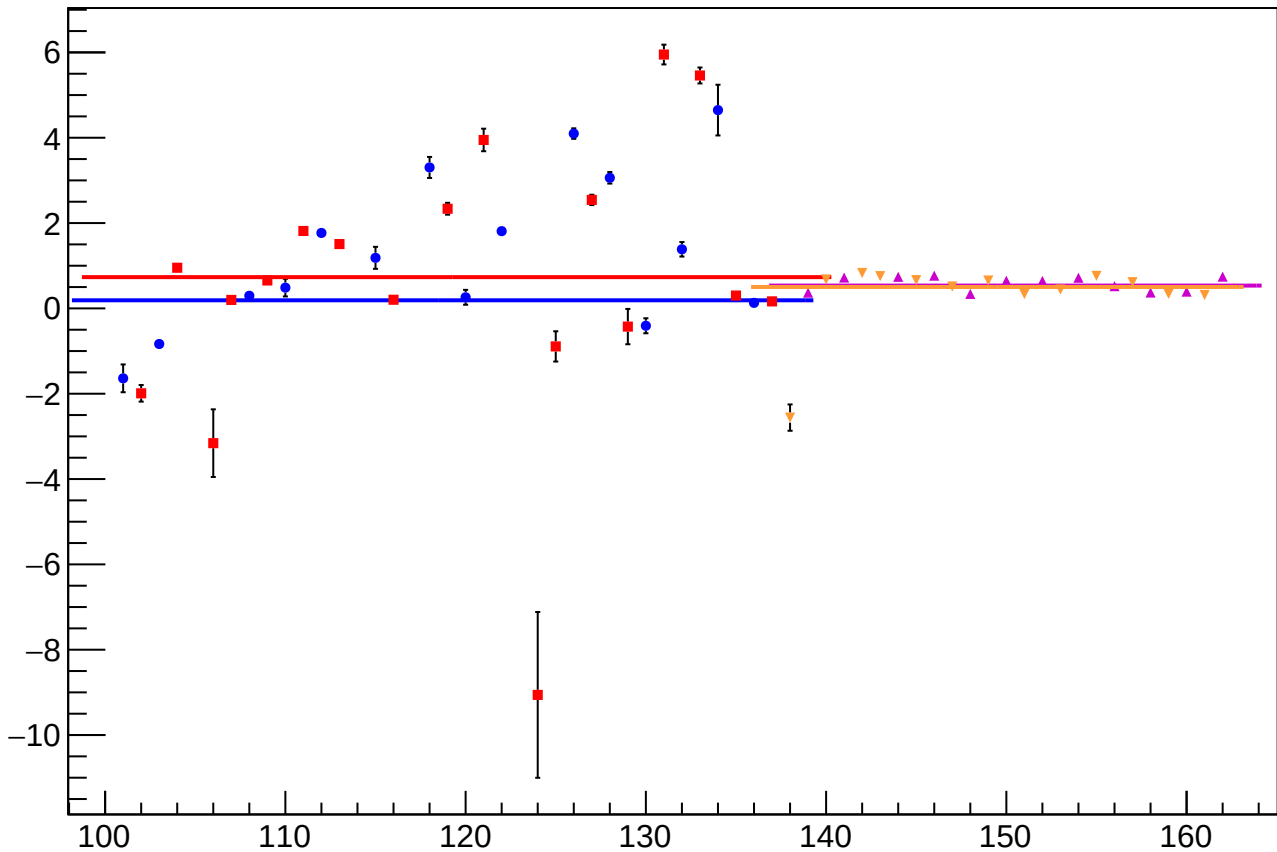
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.386 ± 0.078 $\chi^2/\text{NDF}: 350929.2/26$

Out: -179.149 ± 0.086 $\chi^2/\text{NDF}: 360862.3/30$

All: -176.550 ± 0.058 $\chi^2/\text{NDF}: 713483.3/57$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.502 ± 0.003 χ^2/NDF : 3339.1/12

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.535 ± 0.002 χ^2/NDF : 4031.9/11

Left: 0.522 ± 0.002 χ^2/NDF : 7439.6/24

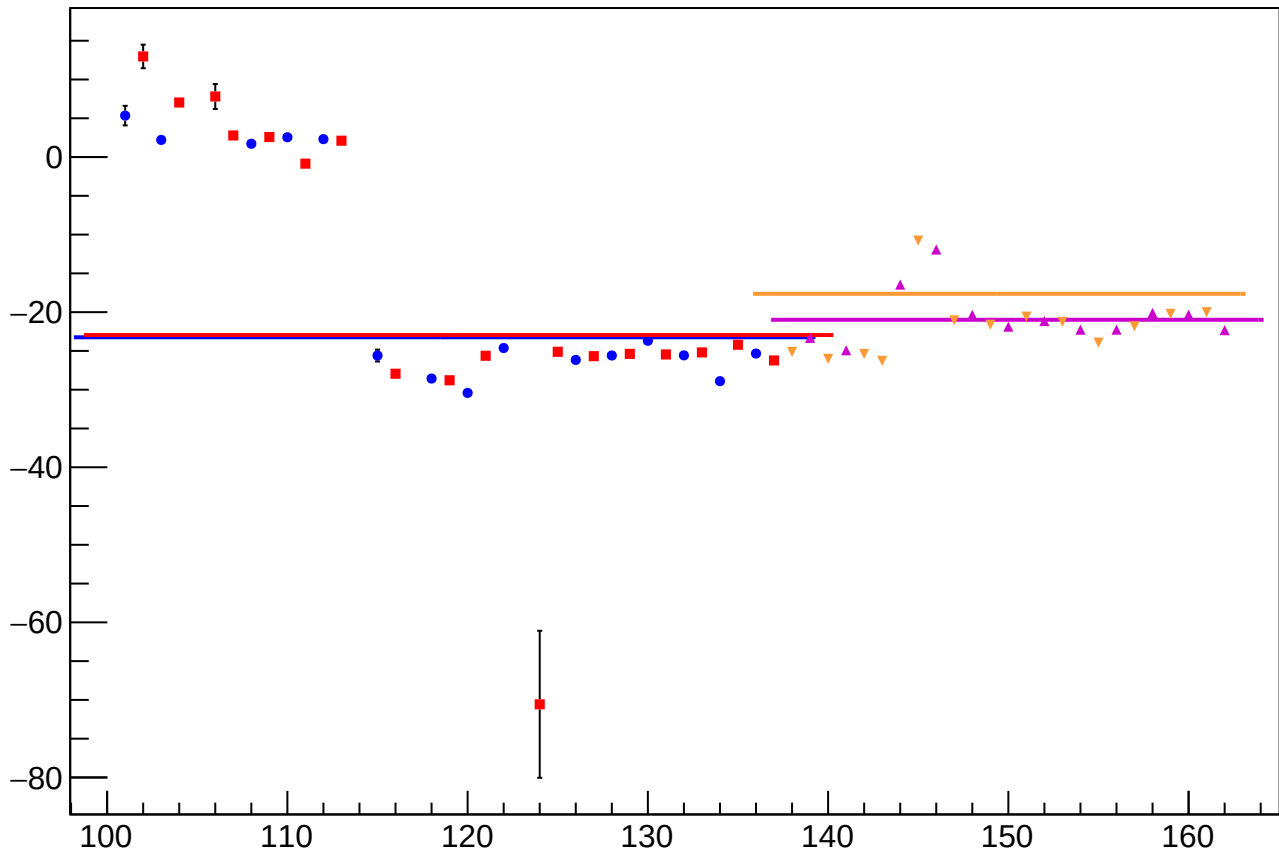
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.509 ± 0.002 χ^2/NDF : 8243.8/26

Out: 0.507 ± 0.003 χ^2/NDF : 6139.4/30

All: 0.508 ± 0.002 χ^2/NDF : 14383.3/57

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.633 ± 0.016 $\chi^2/\text{NDF}: 121206.4/12$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.982 ± 0.016 $\chi^2/\text{NDF}: 10240.8/11$

Left: -19.294 ± 0.011 $\chi^2/\text{NDF}: 154208.1/24$

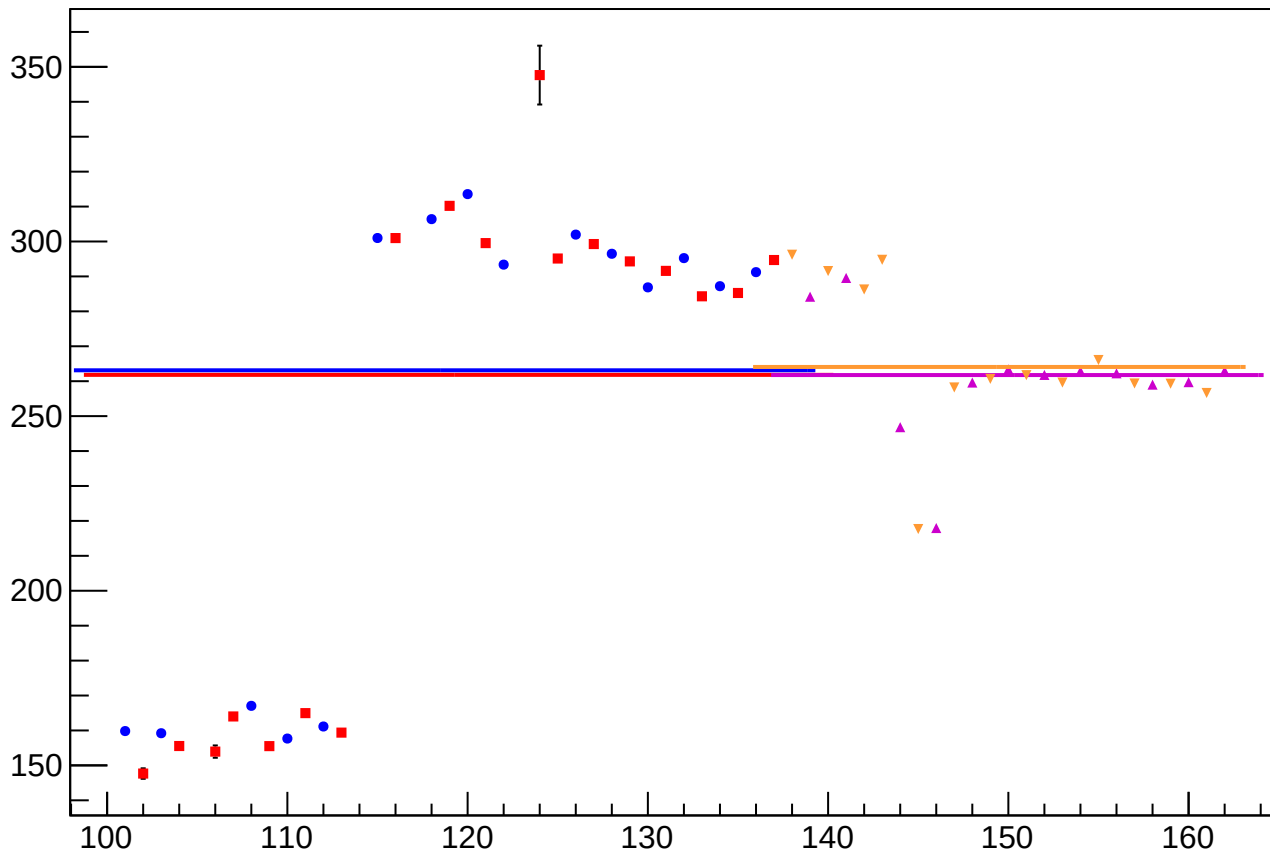
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.633 ± 0.013 $\chi^2/\text{NDF}: 119268.1/26$

Out: -19.155 ± 0.013 $\chi^2/\text{NDF}: 262359.9/30$

All: -20.386 ± 0.009 $\chi^2/\text{NDF}: 399114.4/57$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 264.078+/-0.039 χ^2/NDF : 193915.7/12

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 261.758+/-0.033 χ^2/NDF : 36473.2/11

Left: 262.731+/-0.025 χ^2/NDF : 232416.2/24

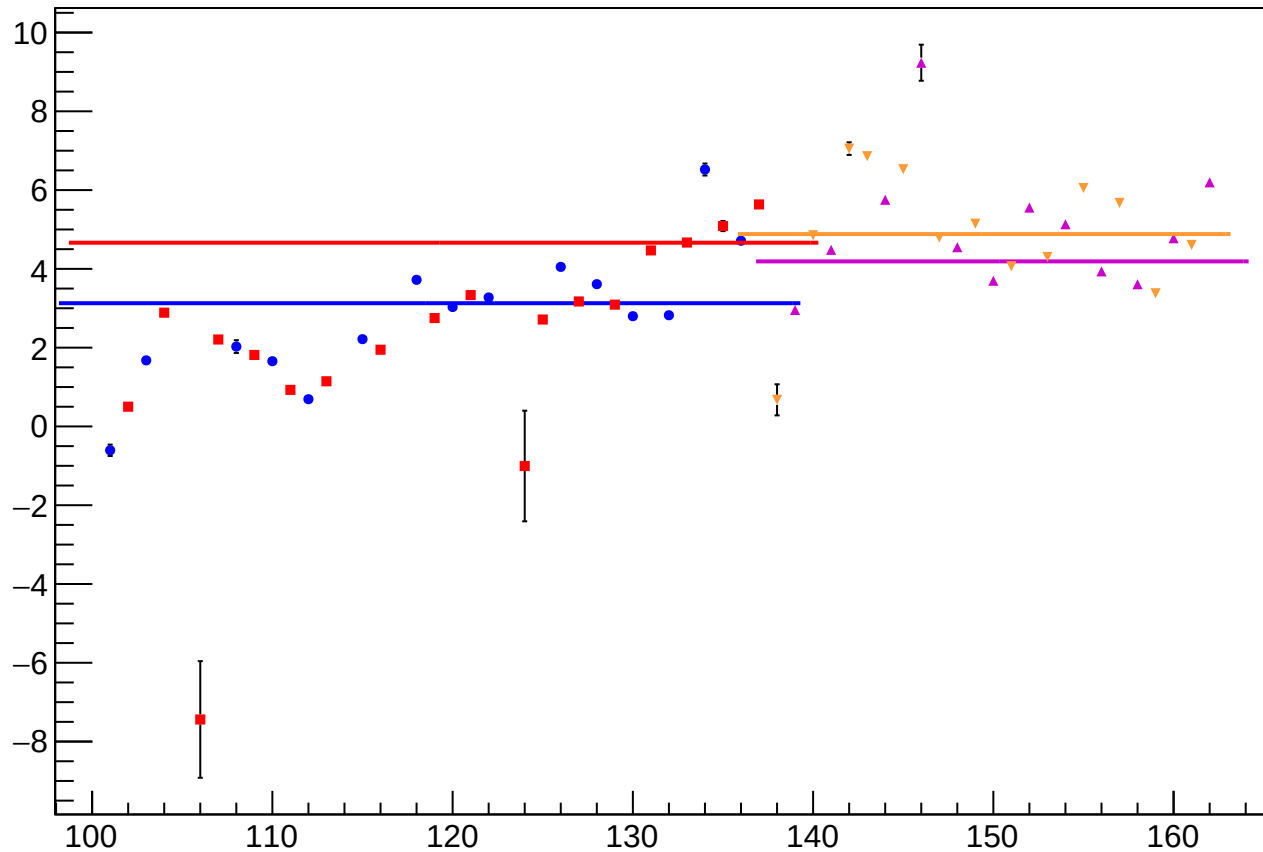
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.016+/-0.030 χ^2/NDF : 729674.0/26

Out: 263.406+/-0.033 χ^2/NDF : 1201091.9/30

All: 262.648+/-0.022 χ^2/NDF : 1931739.0/57

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 4.883 ± 0.017 χ^2/NDF : 2143.7/12

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 4.190 ± 0.016 χ^2/NDF : 3097.1/11

Left: 4.511 ± 0.012 χ^2/NDF : 6130.2/24

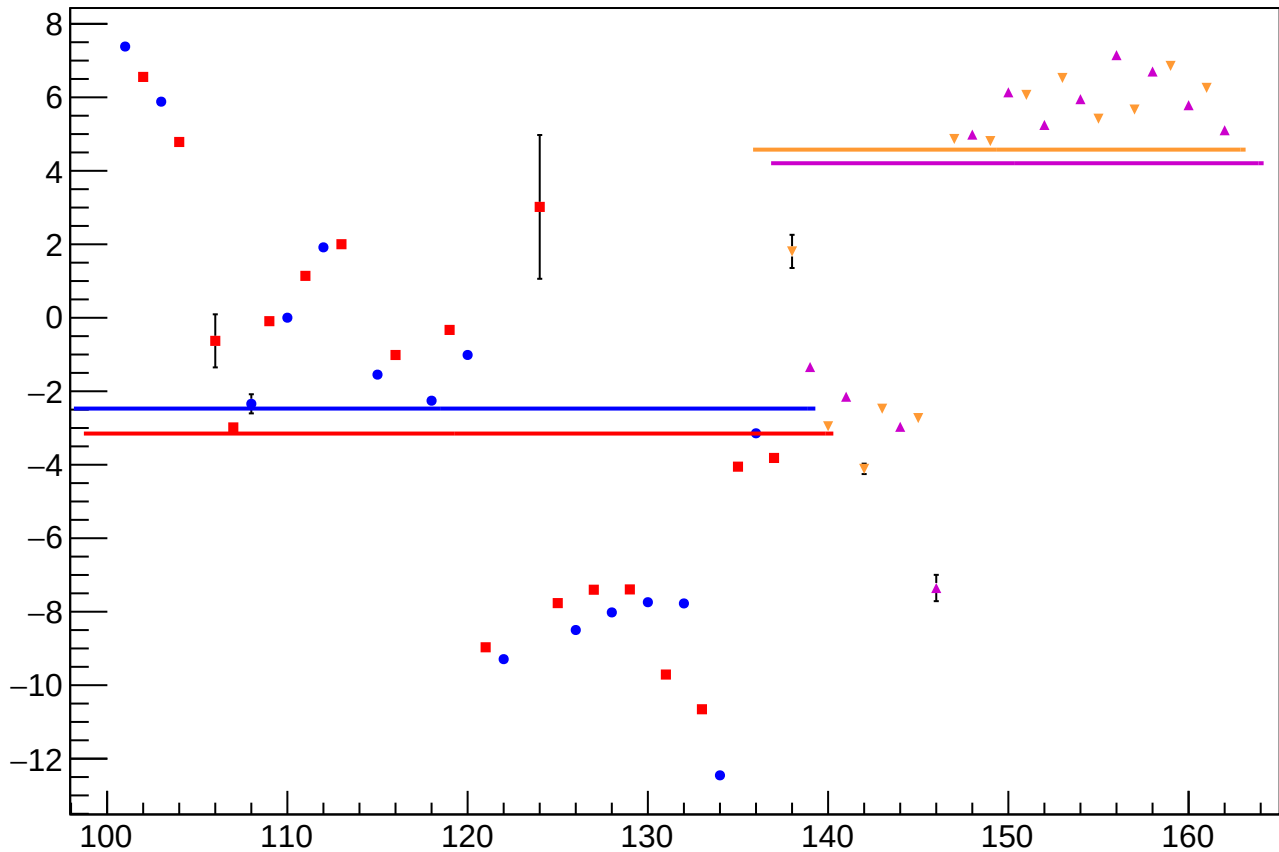
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 3.657 ± 0.011 χ^2/NDF : 11024.1/26

Out: 4.691 ± 0.006 χ^2/NDF : 69151.0/30

All: 4.462 ± 0.005 χ^2/NDF : 86857.2/57

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.577 ± 0.014 $\chi^2/\text{NDF}: 38126.0/12$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.206 ± 0.013 $\chi^2/\text{NDF}: 62464.6/11$

Left: 4.386 ± 0.010 $\chi^2/\text{NDF}: 100956.2/24$

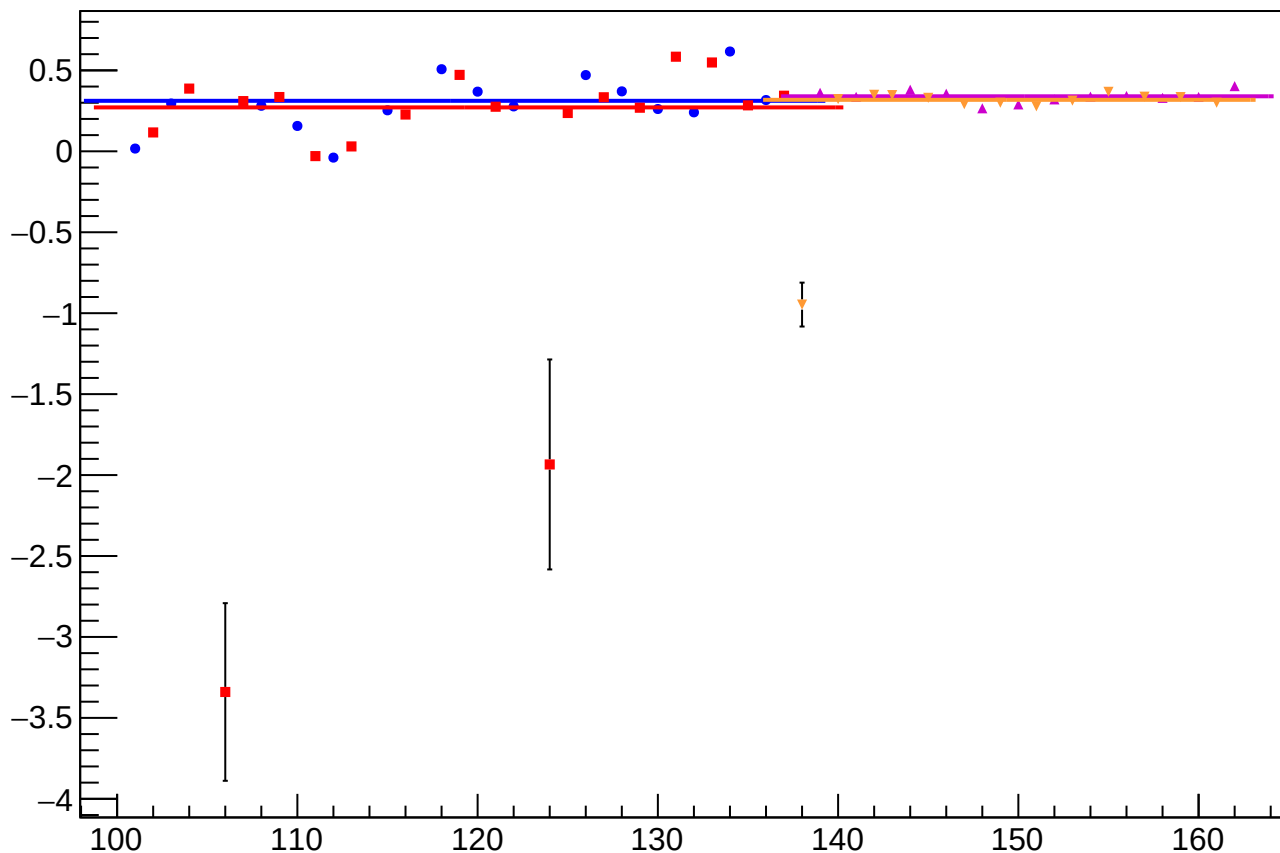
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.017 ± 0.010 $\chi^2/\text{NDF}: 422118.9/26$

Out: -1.432 ± 0.007 $\chi^2/\text{NDF}: 525967.2/30$

All: -0.669 ± 0.005 $\chi^2/\text{NDF}: 991562.4/57$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 1295.2/12$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2765.0/11$

Left: 0.329 ± 0.000 $\chi^2/\text{NDF}: 4561.5/24$

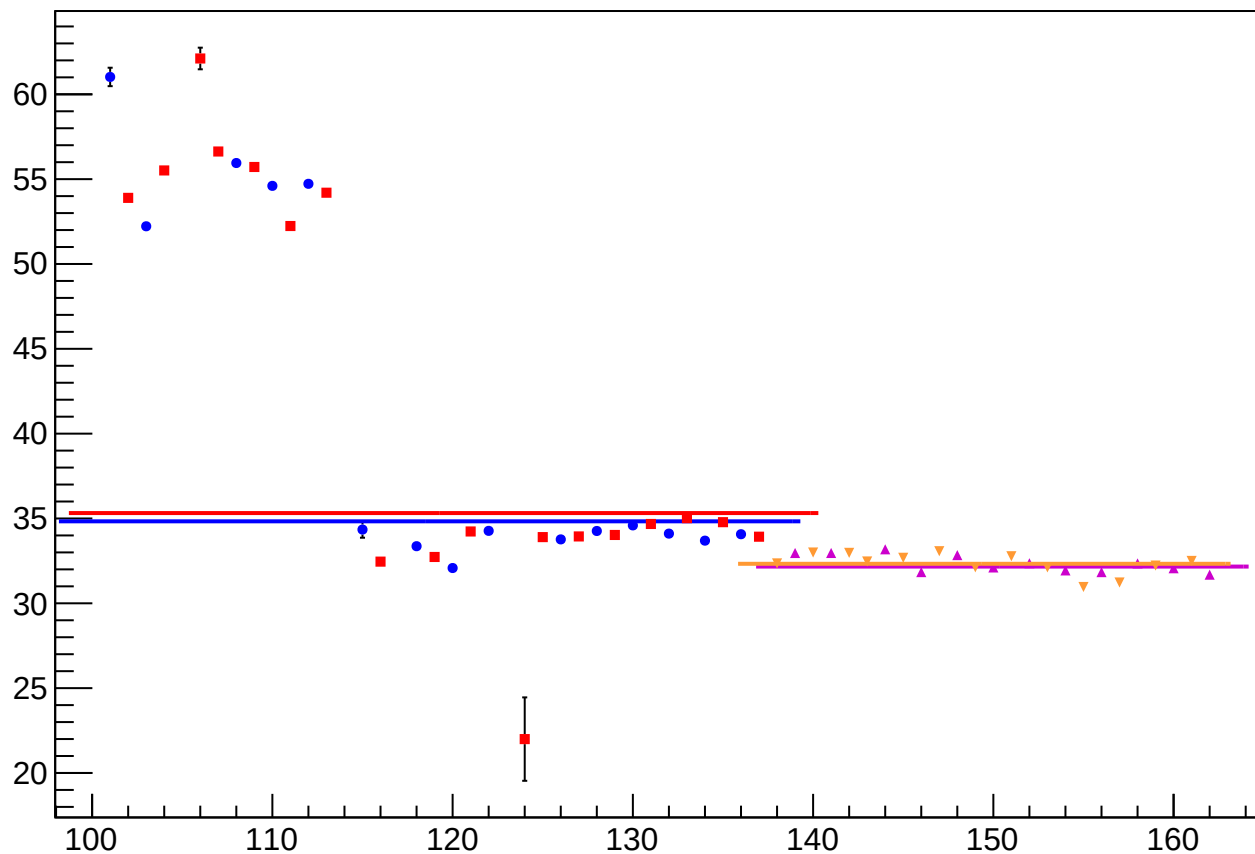
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 4455.3/26$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 7881.9/30$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12854.5/57$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.329 $\pm$ 0.005 χ^2 /NDF: 3543.5/12

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.165 $\pm$ 0.004 χ^2 /NDF: 6850.7/11

Left: 32.238 $\pm$ 0.003 χ^2 /NDF: 11026.1/24

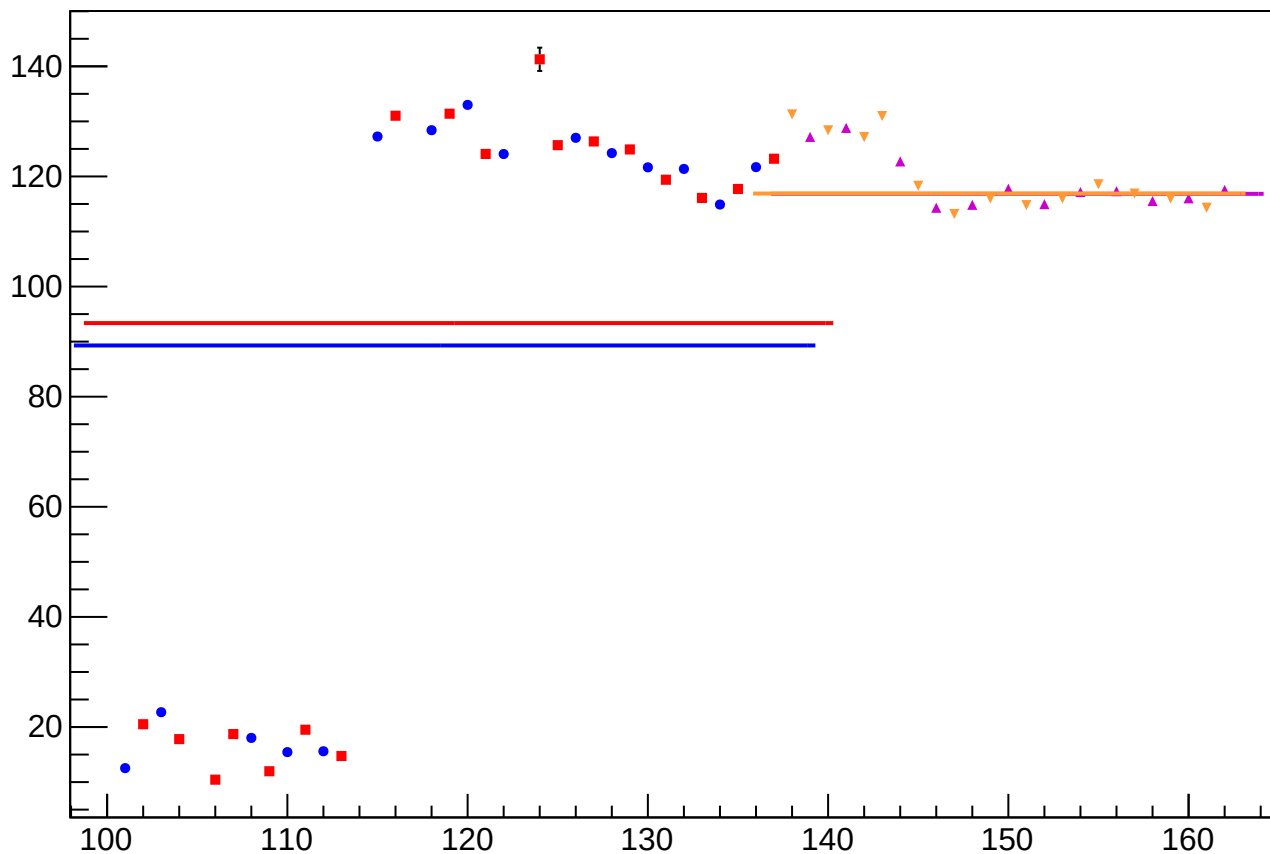
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.704 $\pm$ 0.004 χ^2 /NDF: 328759.4/26

Out: 32.903 $\pm$ 0.004 χ^2 /NDF: 337974.5/30

All: 32.792 $\pm$ 0.003 χ^2 /NDF: 667892.8/57

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 116.895 $\pm$ 0.010 χ^2 /NDF:119245.2/12

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.842 $\pm$ 0.010 χ^2 /NDF:41676.2/11

Left: 116.867 $\pm$ 0.007 χ^2 /NDF: 160936.2/24

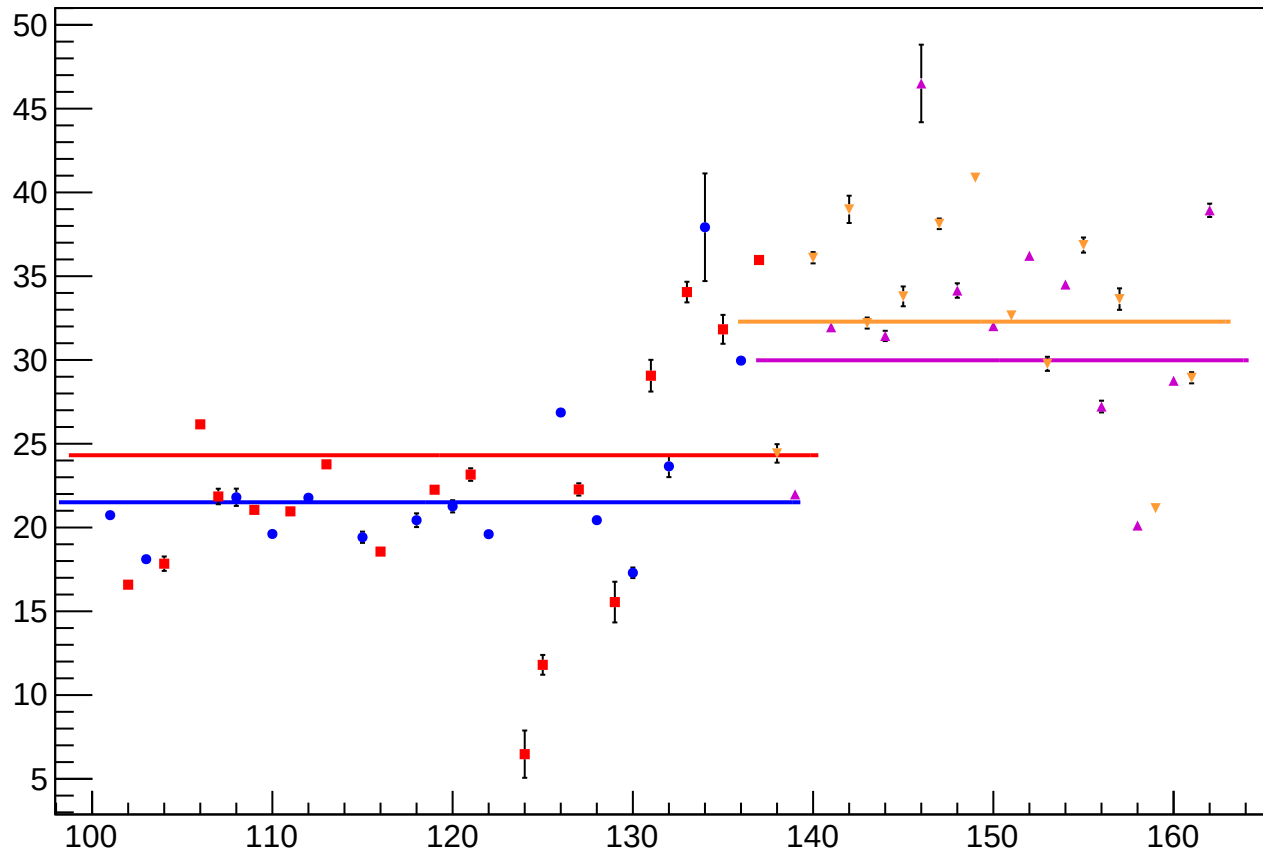
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 113.863 $\pm$ 0.009 χ^2 /NDF:3974615.4/26

Out: 114.422 $\pm$ 0.010 χ^2 /NDF:3524302.2/30

All: 114.122 $\pm$ 0.007 χ^2 /NDF: 7500696.6/57

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.288 ± 0.100 $\chi^2/\text{NDF}: 3658.5/12$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.981 ± 0.080 $\chi^2/\text{NDF}: 4583.3/11$

Left: 30.875 ± 0.062 $\chi^2/\text{NDF}: 8566.8/24$

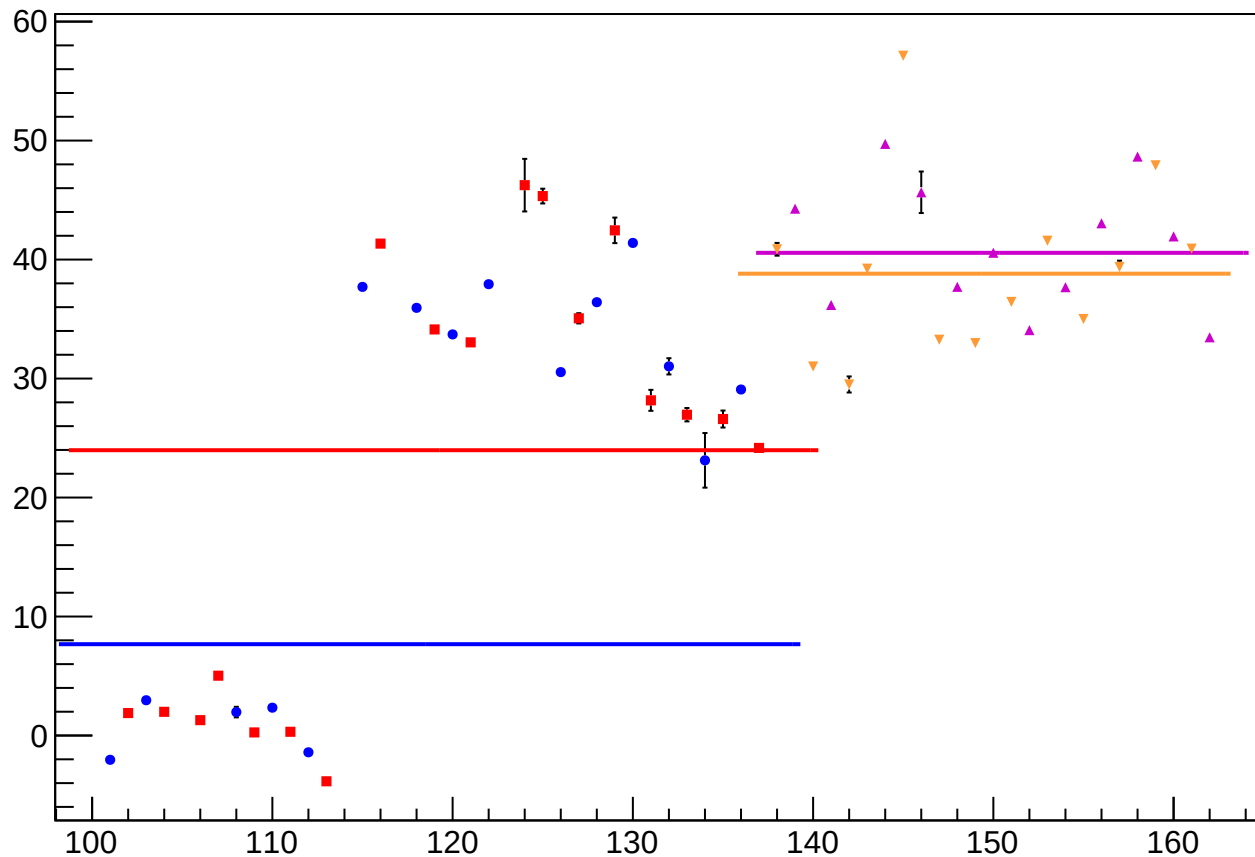
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.335 ± 0.054 $\chi^2/\text{NDF}: 13748.0/26$

Out: 26.340 ± 0.050 $\chi^2/\text{NDF}: 22680.9/30$

All: 25.867 ± 0.037 $\chi^2/\text{NDF}: 36615.5/57$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 38.813 $\pm$ 0.082 χ^2 /NDF: 6203.9/12

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 40.566 $\pm$ 0.065 χ^2 /NDF: 4107.1/11

Left: 39.881 $\pm$ 0.051 χ^2 /NDF: 10591.0/24

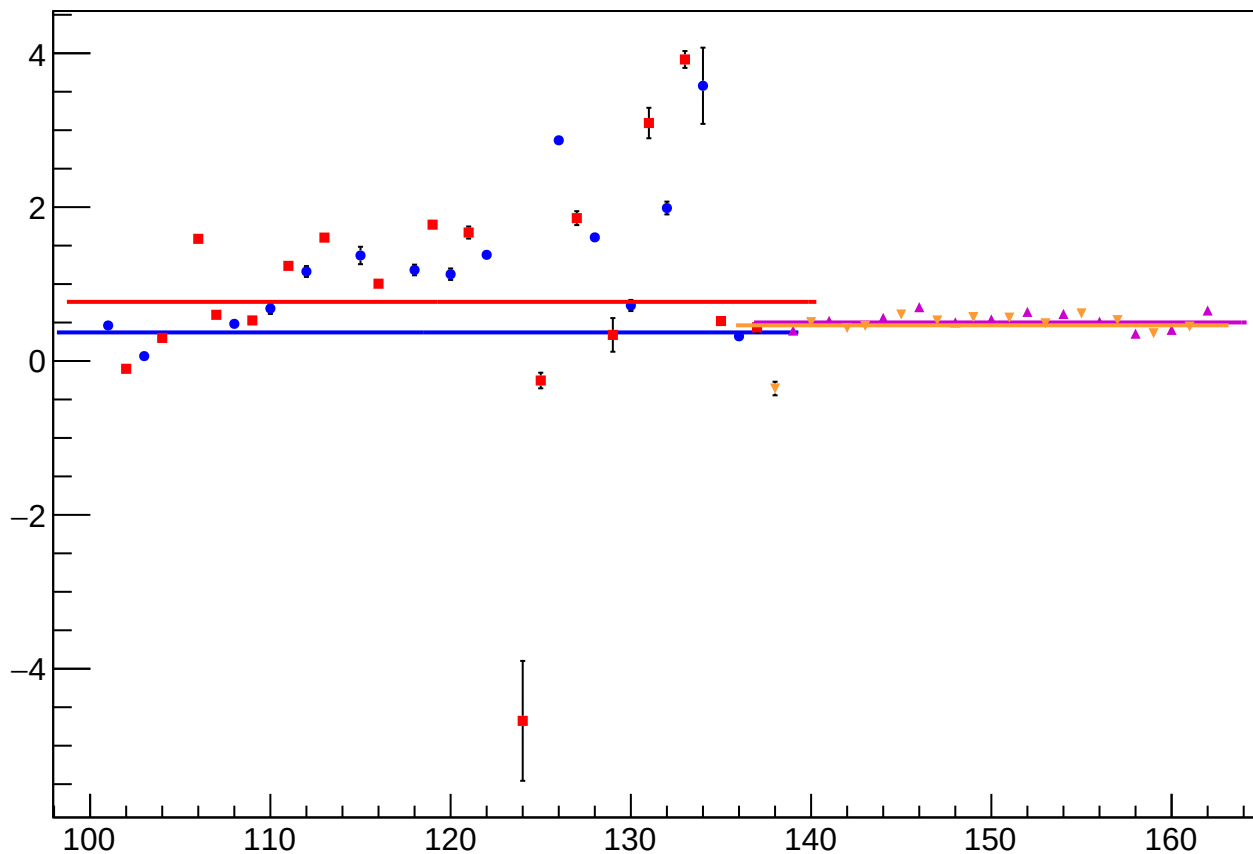
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 18.297 $\pm$ 0.037 χ^2 /NDF: 271289.1/26

Out: 24.124 $\pm$ 0.008 χ^2 /NDF: 149392.0/30

All: 23.858 $\pm$ 0.008 χ^2 /NDF: 444074.1/57

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.464+/-0.001 χ^2/NDF : 4643.2/12

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.501+/-0.001 χ^2/NDF : 8500.2/11

Left: 0.484+/-0.001 χ^2/NDF : 13588.1/24

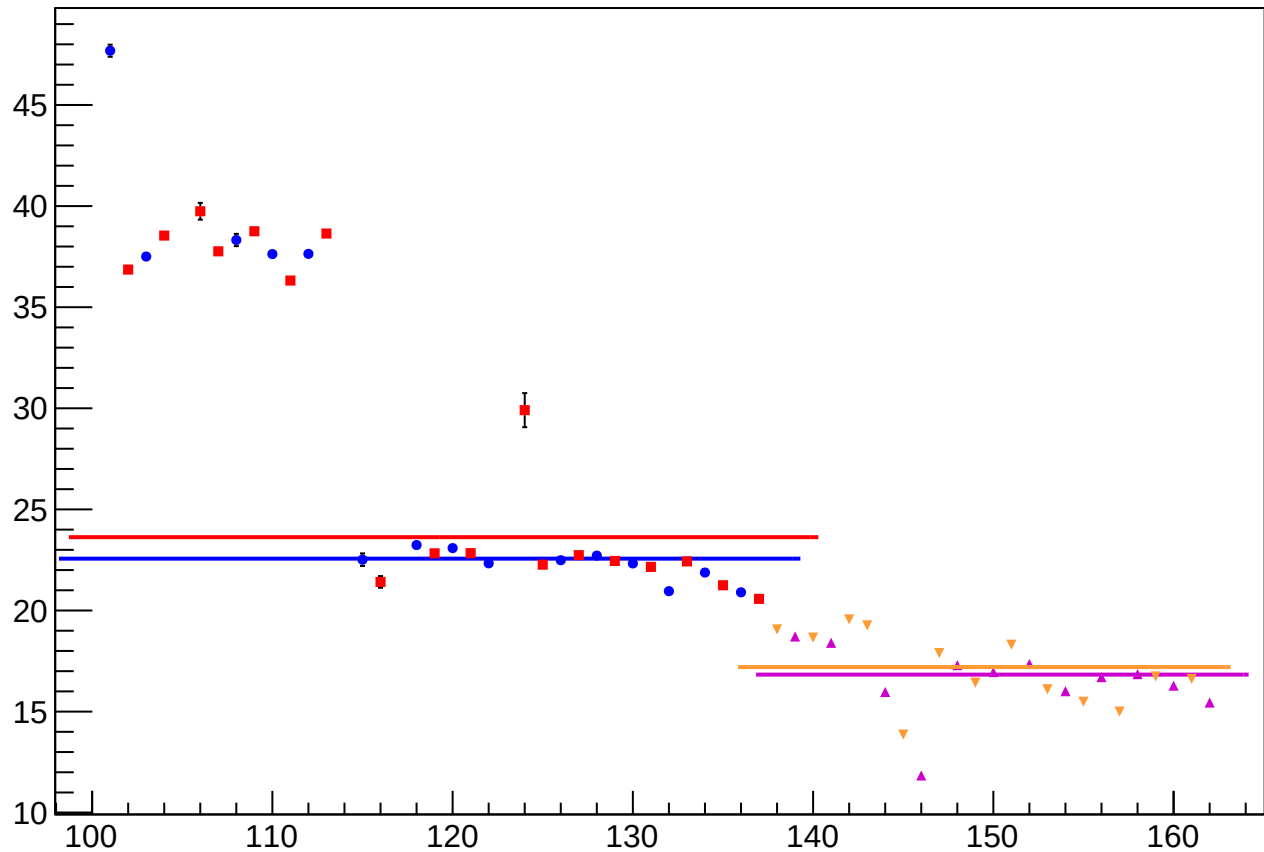
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.492+/-0.001 χ^2/NDF : 14068.3/26

Out: 0.474+/-0.001 χ^2/NDF : 10651.3/30

All: 0.484+/-0.001 χ^2/NDF : 24826.0/57

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.202 $\pm$ 0.007 χ^2 /NDF: 44941.5/12

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.829 $\pm$ 0.008 χ^2 /NDF: 14545.0/11

Left: 17.031 $\pm$ 0.005 χ^2 /NDF: 60661.4/24

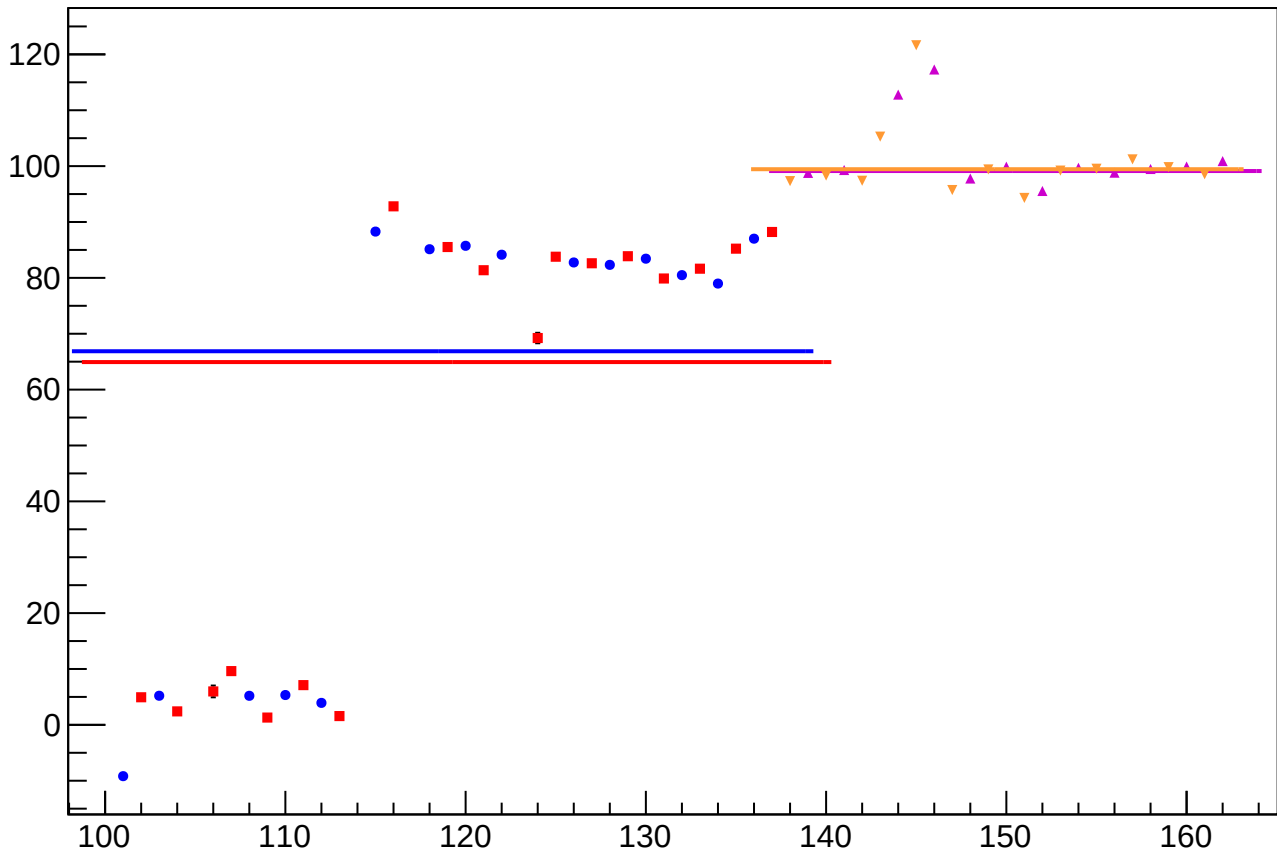
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.023 $\pm$ 0.006 χ^2 /NDF: 303674.2/26

Out: 19.140 $\pm$ 0.006 χ^2 /NDF: 397080.5/30

All: 19.083 $\pm$ 0.004 χ^2 /NDF: 700929.4/57

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.447 $\pm$ 0.014 χ^2 /NDF: 69198.8/12

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.120 $\pm$ 0.014 χ^2 /NDF: 16391.7/11

Left: 99.279 $\pm$ 0.010 χ^2 /NDF: 85871.7/24

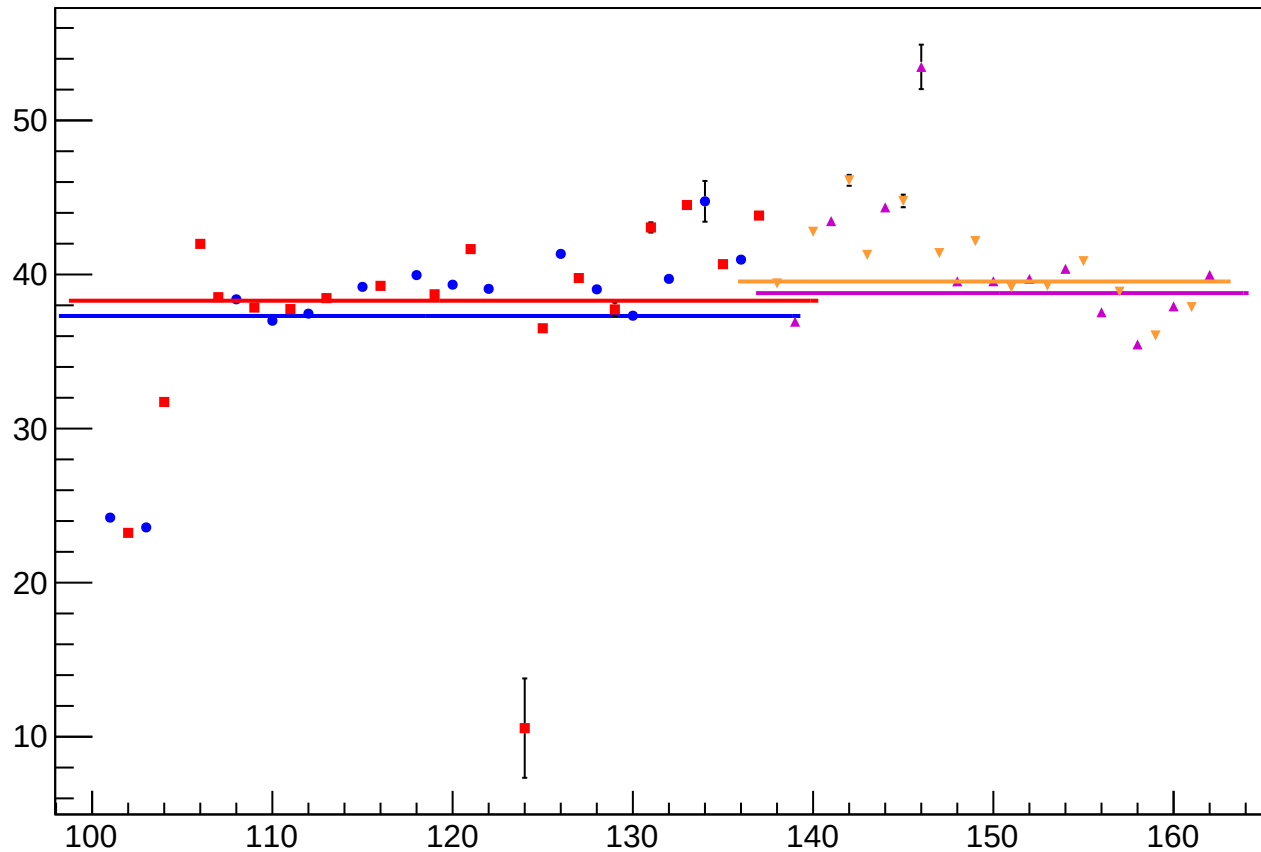
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.620 $\pm$ 0.012 χ^2 /NDF: 2644989.3/26

Out: 93.222 $\pm$ 0.013 χ^2 /NDF: 2508880.9/30

All: 92.910 $\pm$ 0.009 χ^2 /NDF: 5155052.3/57

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.546 $\pm$ 0.038 χ^2 /NDF: 3876.1/12

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.793 $\pm$ 0.029 χ^2 /NDF: 5329.5/11

Left: 39.066 $\pm$ 0.023 χ^2 /NDF: 9456.9/24

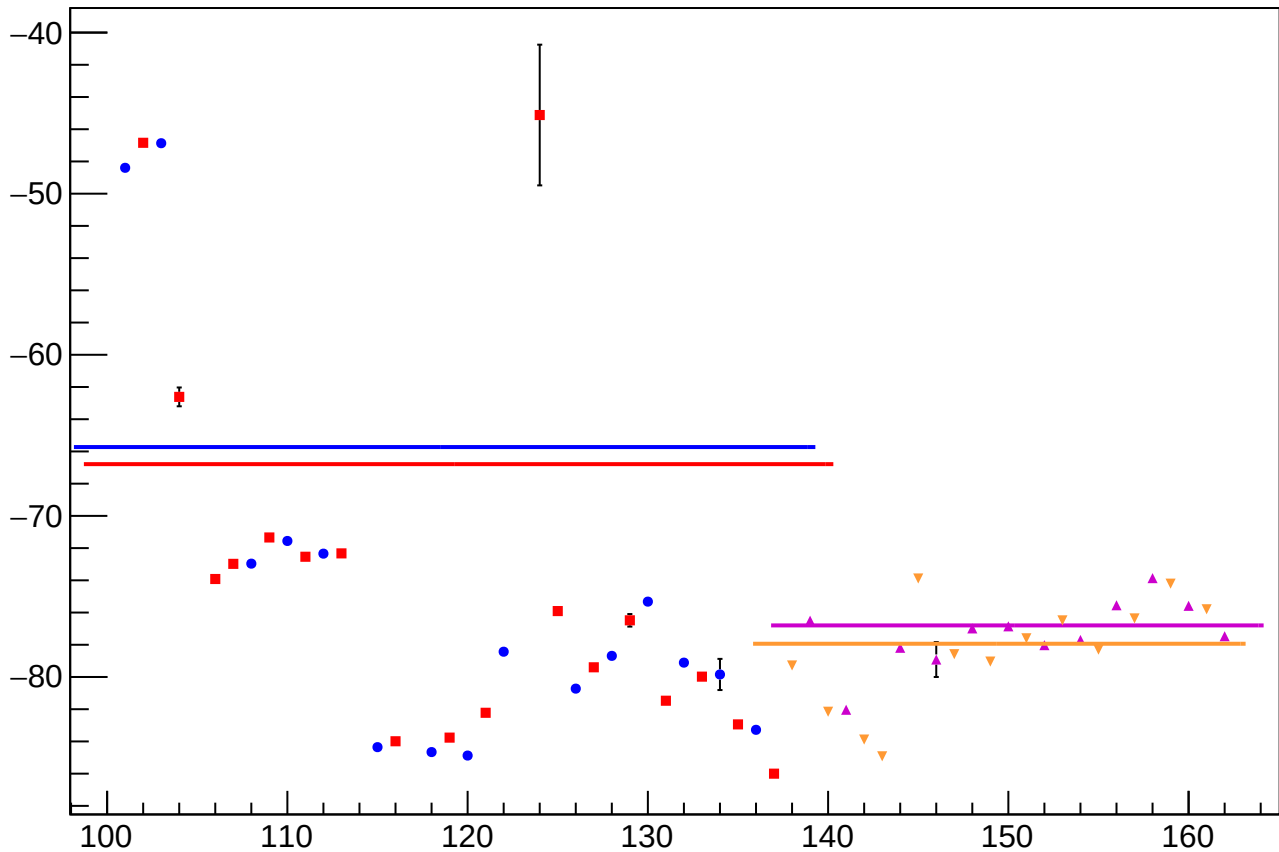
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.893 $\pm$ 0.018 χ^2 /NDF: 66539.4/26

Out: 38.581 $\pm$ 0.018 χ^2 /NDF: 23550.4/30

All: 38.236 $\pm$ 0.013 χ^2 /NDF: 90821.2/57

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -77.937 ± 0.032 $\chi^2/\text{NDF}: 11192.1/12$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.798 ± 0.023 $\chi^2/\text{NDF}: 4753.0/11$

Left: -77.191 ± 0.019 $\chi^2/\text{NDF}: 16798.8/24$

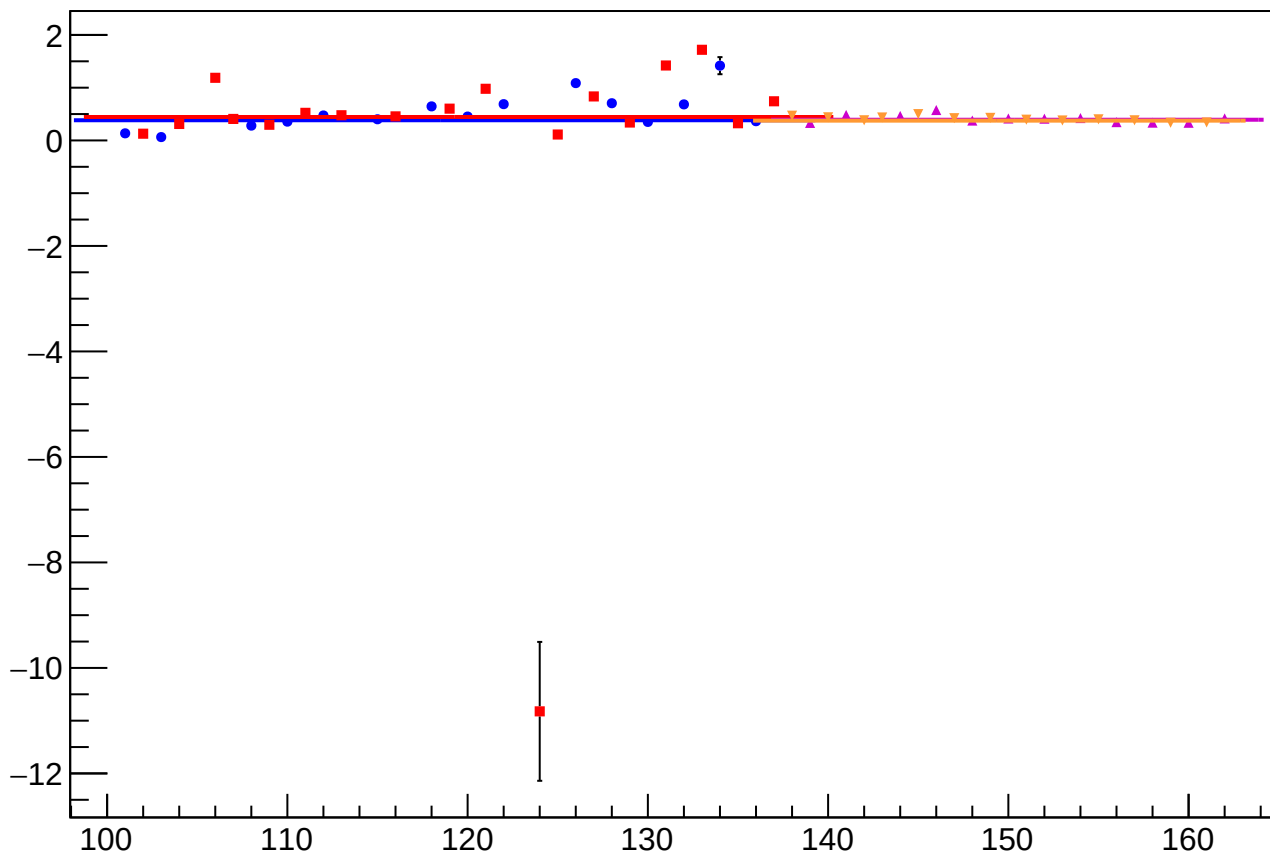
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.618 ± 0.014 $\chi^2/\text{NDF}: 1059509.8/26$

Out: -69.028 ± 0.014 $\chi^2/\text{NDF}: 920488.3/30$

All: -69.335 ± 0.010 $\chi^2/\text{NDF}: 1980905.6/57$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5350.9/12

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.392 $\pm$ 0.001 χ^2 /NDF: 6300.8/11

Left: 0.384 $\pm$ 0.000 χ^2 /NDF: 12110.2/24

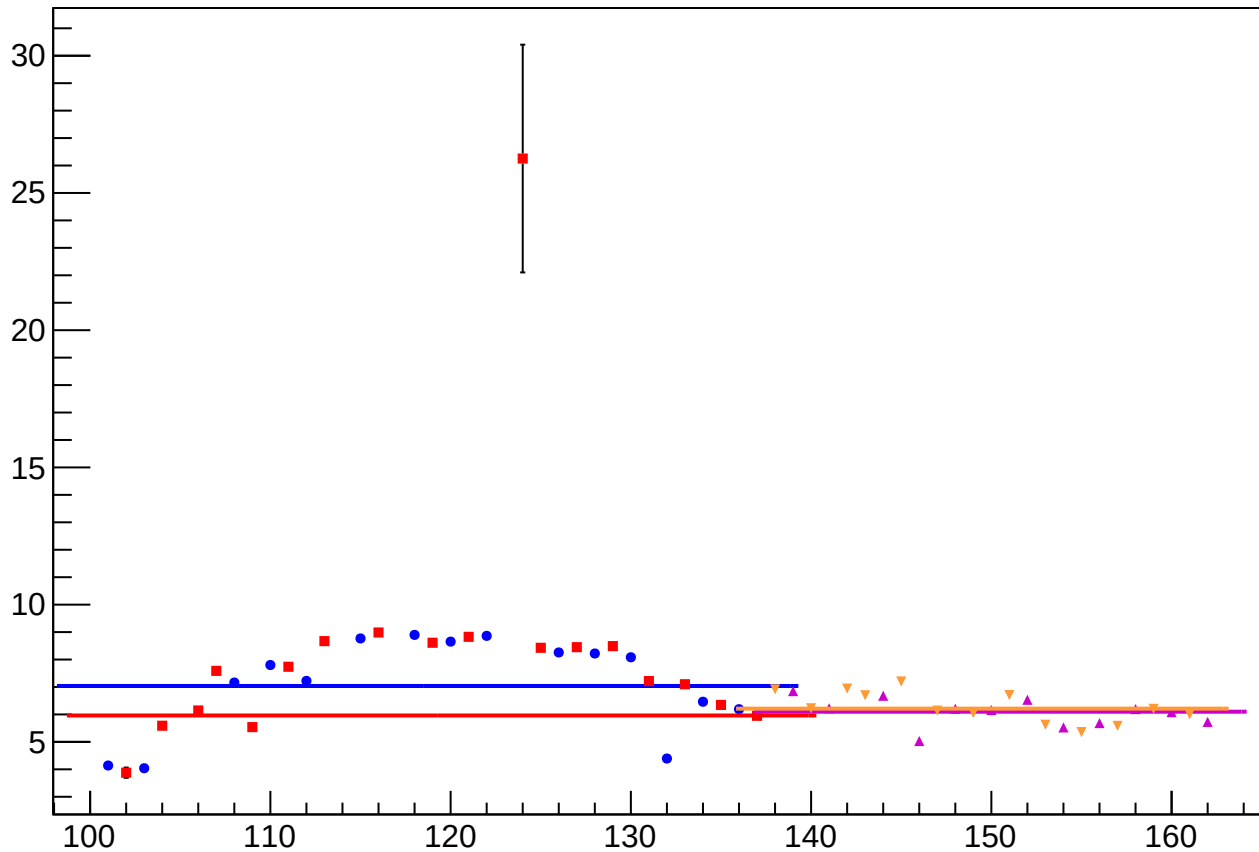
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14498.8/26

Out: 0.377 $\pm$ 0.001 χ^2 /NDF: 8482.5/30

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23334.2/57

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.211 ± 0.002 χ^2/NDF : 25470.6/12

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.100 ± 0.002 χ^2/NDF : 28749.6/11

Left: 6.147 ± 0.001 χ^2/NDF : 56045.5/24

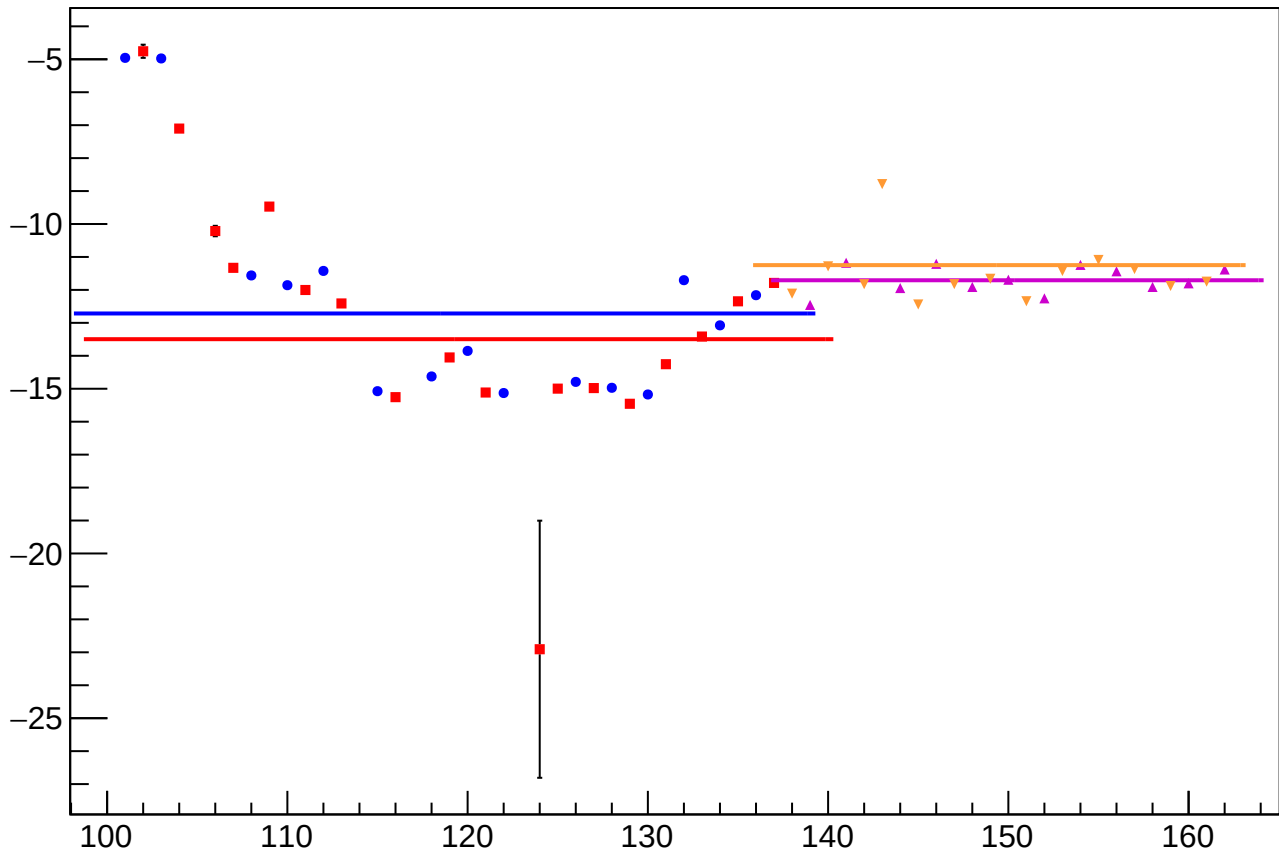
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.215 ± 0.002 χ^2/NDF : 136250.7/26

Out: 5.972 ± 0.000 χ^2/NDF : 209068.0/30

All: 5.986 ± 0.000 χ^2/NDF : 367371.6/57

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.248 ± 0.003 χ^2/NDF : 196216.2/12

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.707 ± 0.002 χ^2/NDF : 13038.9/11

Left: -11.498 ± 0.002 χ^2/NDF : 226401.1/24

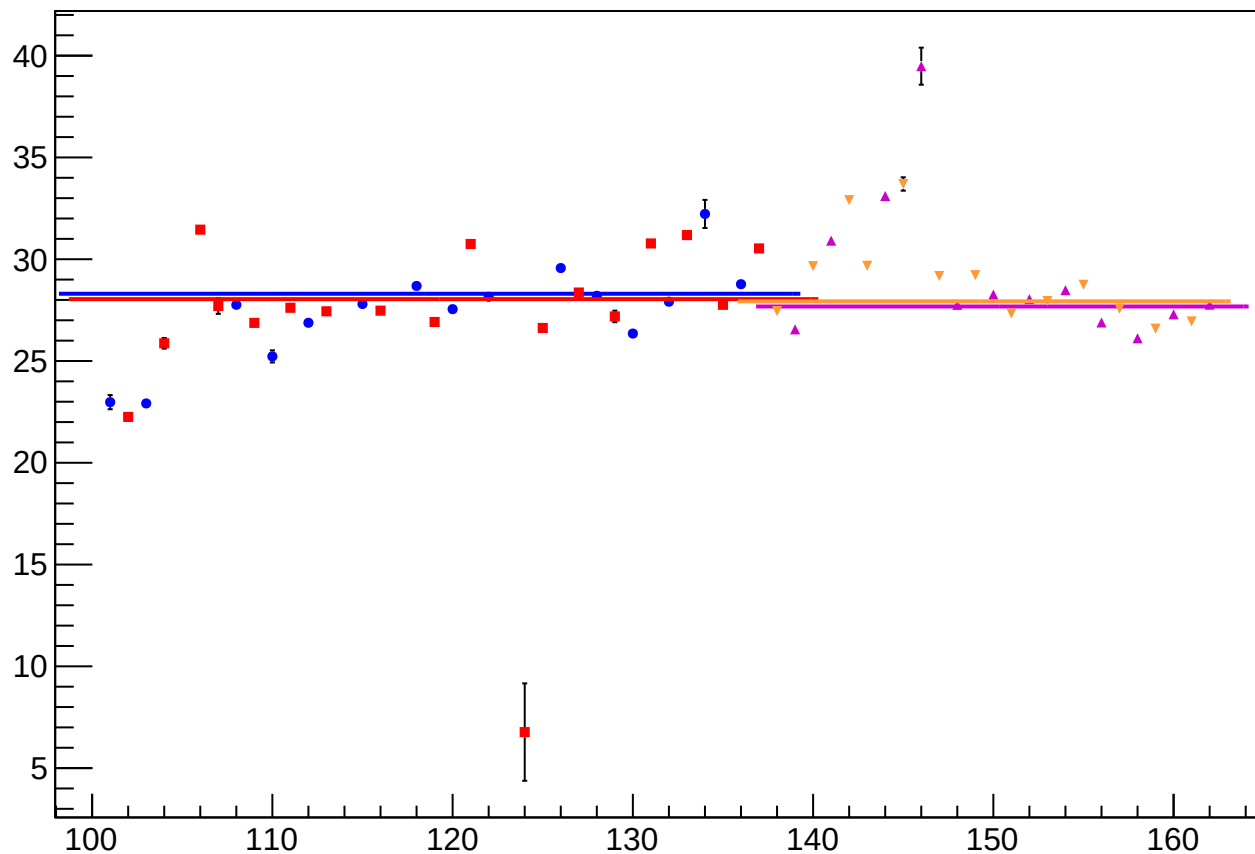
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.830 ± 0.002 χ^2/NDF : 120208.8/26

Out: -11.620 ± 0.002 χ^2/NDF : 376824.2/30

All: -11.731 ± 0.002 χ^2/NDF : 501196.7/57

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.932 ± 0.022 $\chi^2/\text{NDF}: 3526.4/12$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.678 ± 0.017 $\chi^2/\text{NDF}: 4533.3/11$

Left: 27.774 ± 0.014 $\chi^2/\text{NDF}: 8142.6/24$

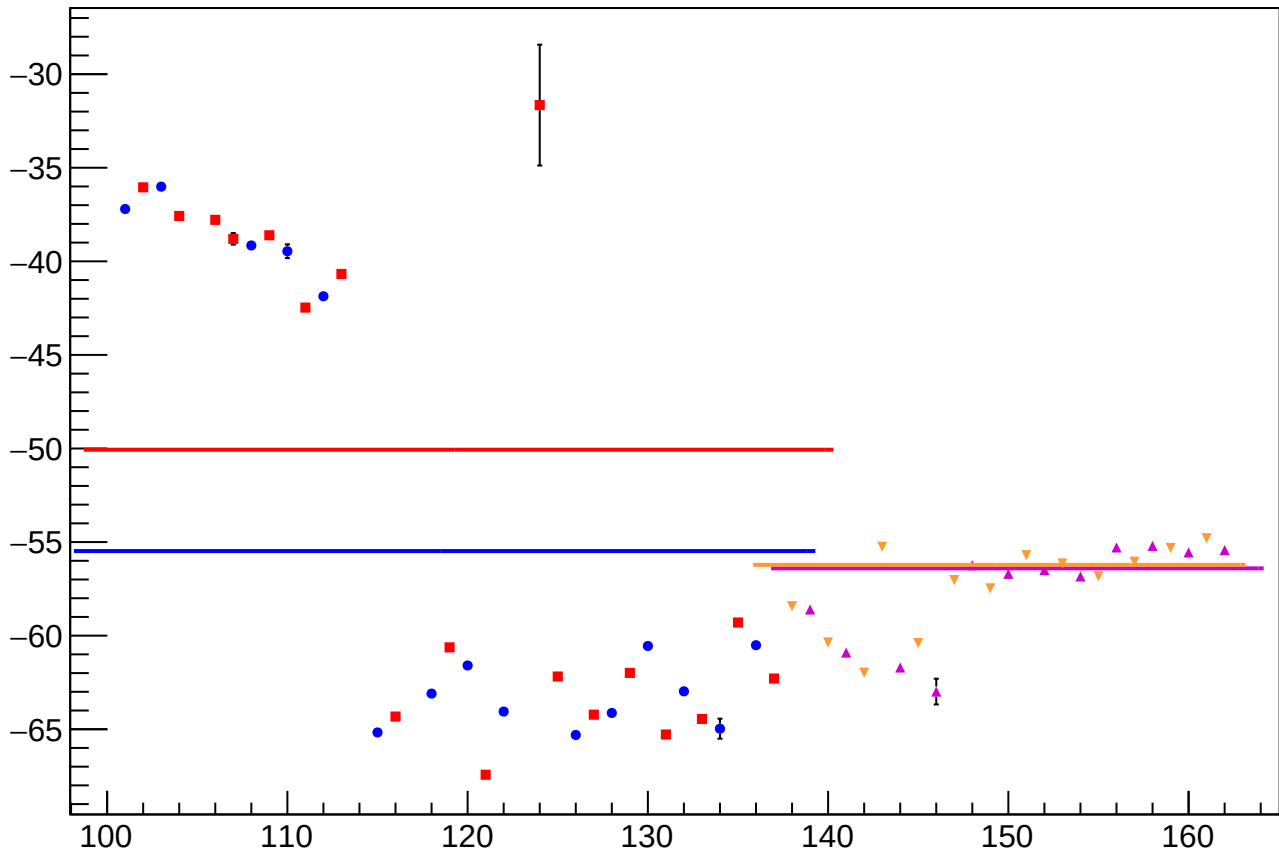
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.900 ± 0.014 $\chi^2/\text{NDF}: 8407.5/26$

Out: 27.969 ± 0.018 $\chi^2/\text{NDF}: 6096.2/30$

All: 27.926 ± 0.011 $\chi^2/\text{NDF}: 14513.1/57$

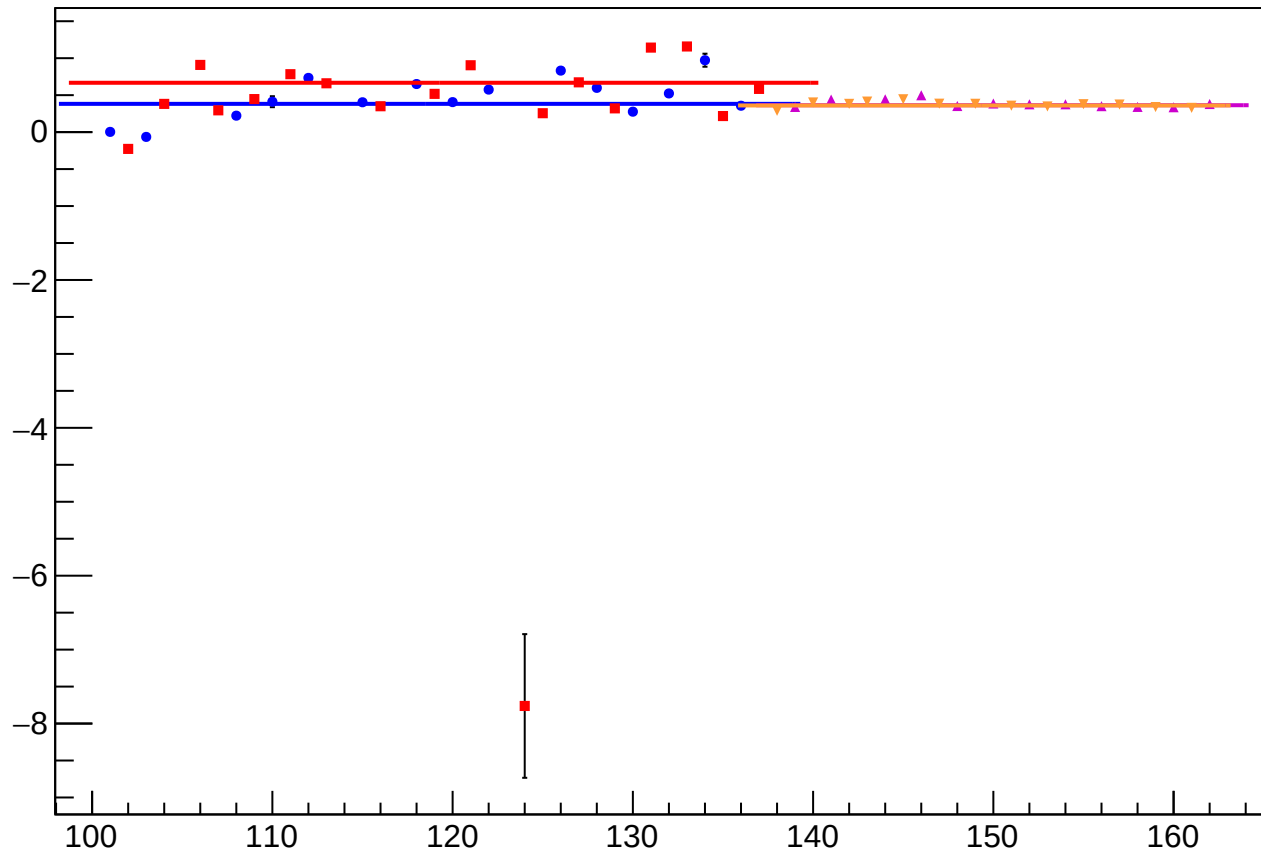
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.217 ± 0.019 $\chi^2/\text{NDF}: 6256.2/12$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.405 ± 0.014 $\chi^2/\text{NDF}: 8058.4/11$

Left: -56.334 ± 0.011 $\chi^2/\text{NDF}: 14378.2/24$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.006 ± 0.011 $\chi^2/\text{NDF}: 604971.4/26$
 Out: -53.792 ± 0.015 $\chi^2/\text{NDF}: 389221.1/30$
 All: -55.209 ± 0.009 $\chi^2/\text{NDF}: 1009080.2/57$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.361 $\pm$ 0.000 χ^2 /NDF:3847.4/12

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.364 $\pm$ 0.000 χ^2 /NDF:4926.9/11

Left: 0.362 $\pm$ 0.000 χ^2 /NDF: 8806.7/24

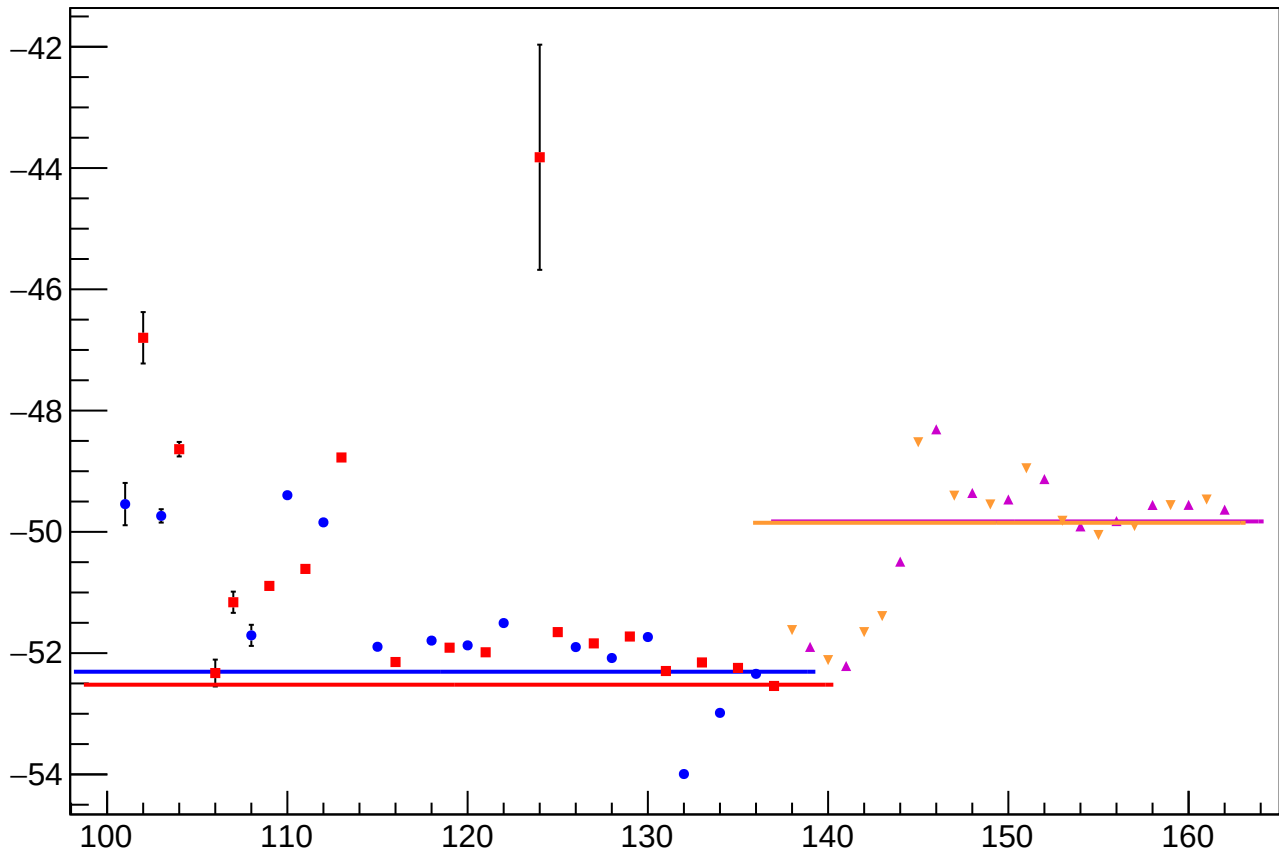
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.365 $\pm$ 0.000 χ^2 /NDF:9647.6/26

Out: 0.363 $\pm$ 0.000 χ^2 /NDF:11954.5/30

All: 0.364 $\pm$ 0.000 χ^2 /NDF: 21609.6/57

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.850 $\pm$ 0.002 χ^2 /NDF:165611.6/12

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.828 $\pm$ 0.002 χ^2 /NDF:233165.4/11

Left: -49.838 $\pm$ 0.001 χ^2 /NDF: 398862.4/24

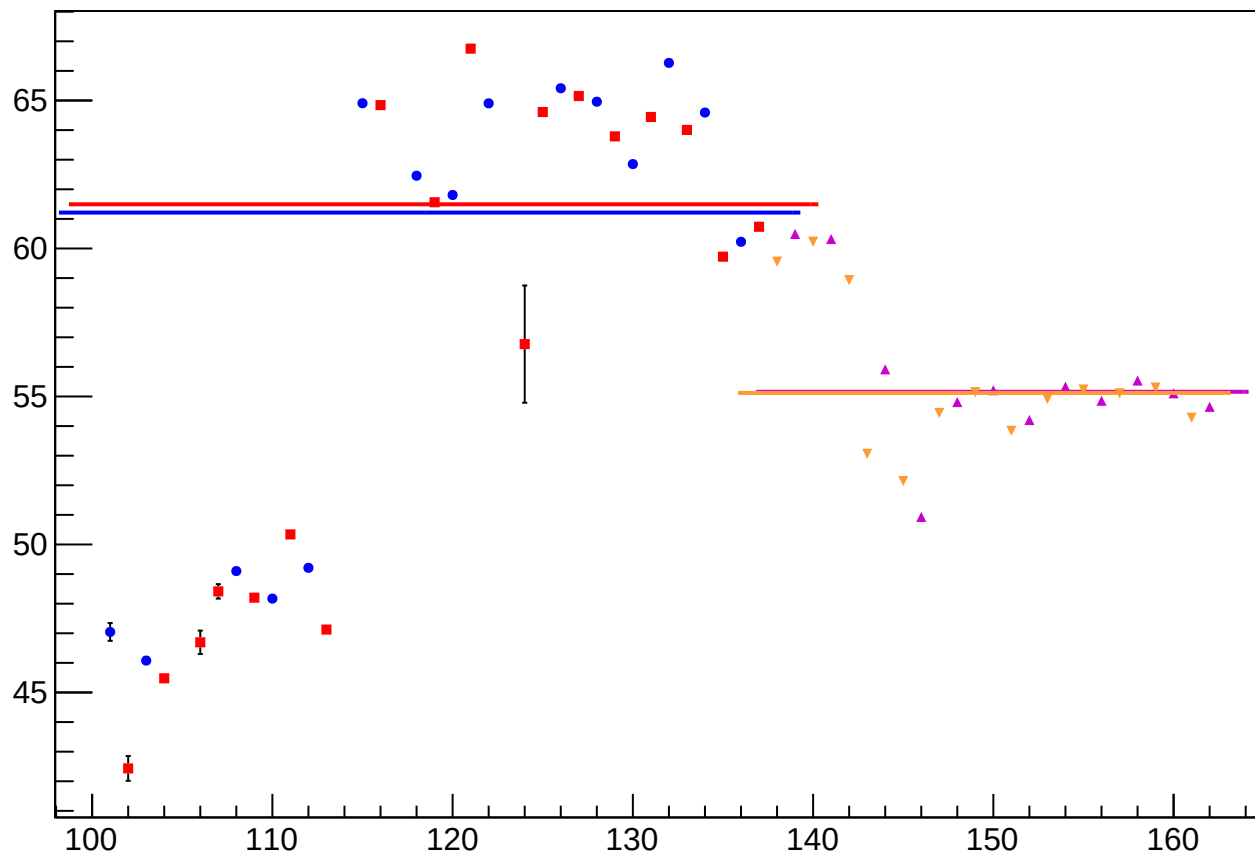
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.192 $\pm$ 0.001 χ^2 /NDF:606673.4/26

Out: -51.778 $\pm$ 0.001 χ^2 /NDF:1811110.0/30

All: -51.327 $\pm$ 0.001 χ^2 /NDF: 3232042.5/57

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.120 ± 0.004 $\chi^2/\text{NDF}: 199702.1/12$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.159 ± 0.003 $\chi^2/\text{NDF}: 61985.5/11$

Left: 55.143 ± 0.002 $\chi^2/\text{NDF}: 261754.5/24$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.685 ± 0.003 $\chi^2/\text{NDF}: 558159.1/26$

Out: 56.583 ± 0.003 $\chi^2/\text{NDF}: 1136769.9/30$

All: 56.091 ± 0.002 $\chi^2/\text{NDF}: 1737484.3/57$

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

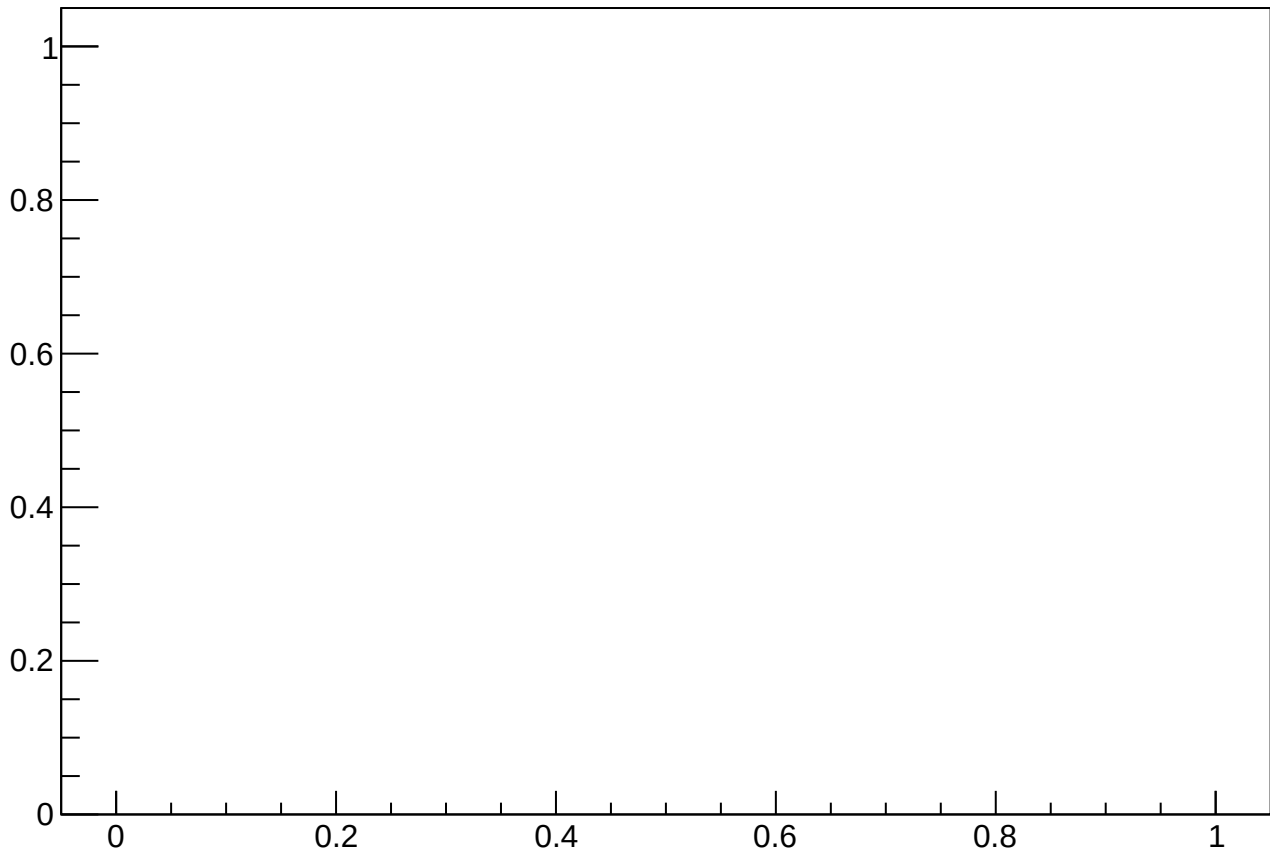
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

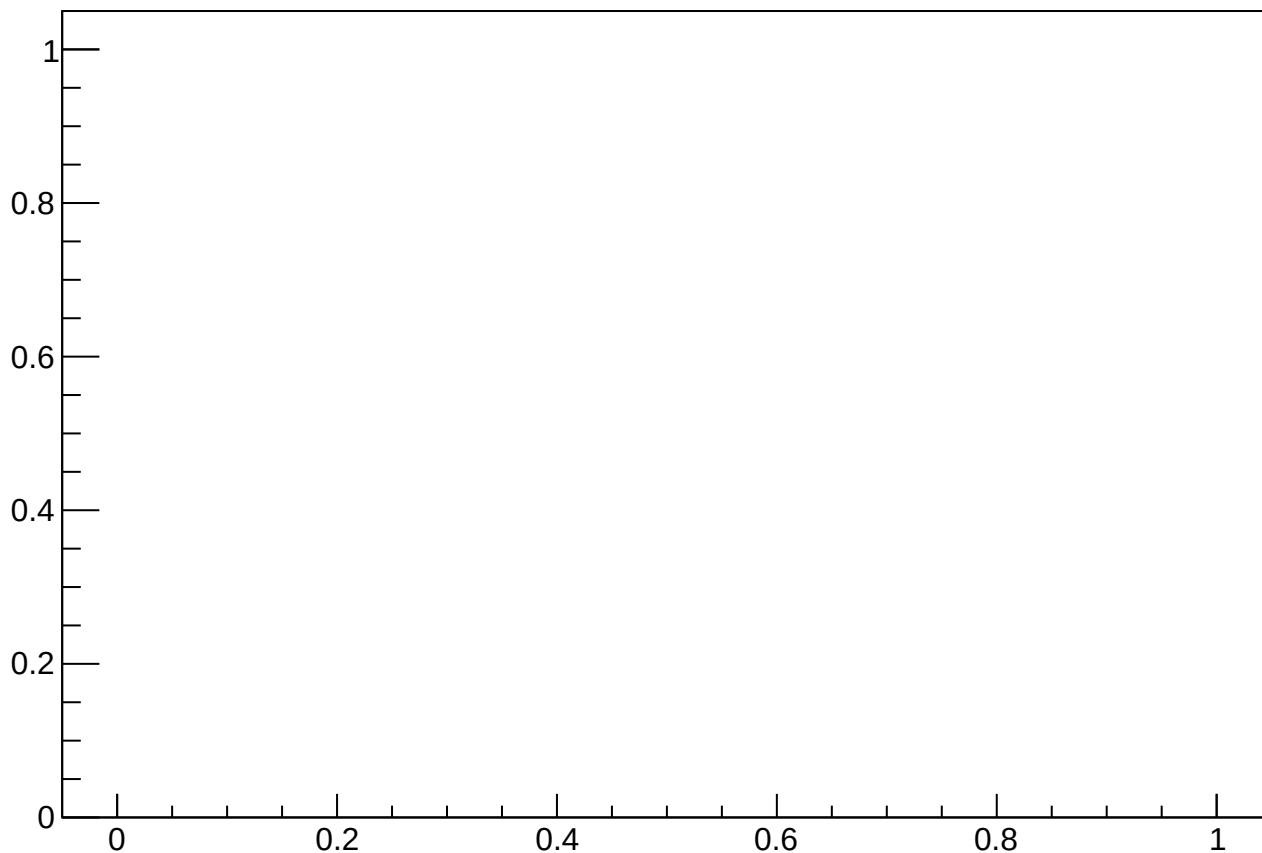
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

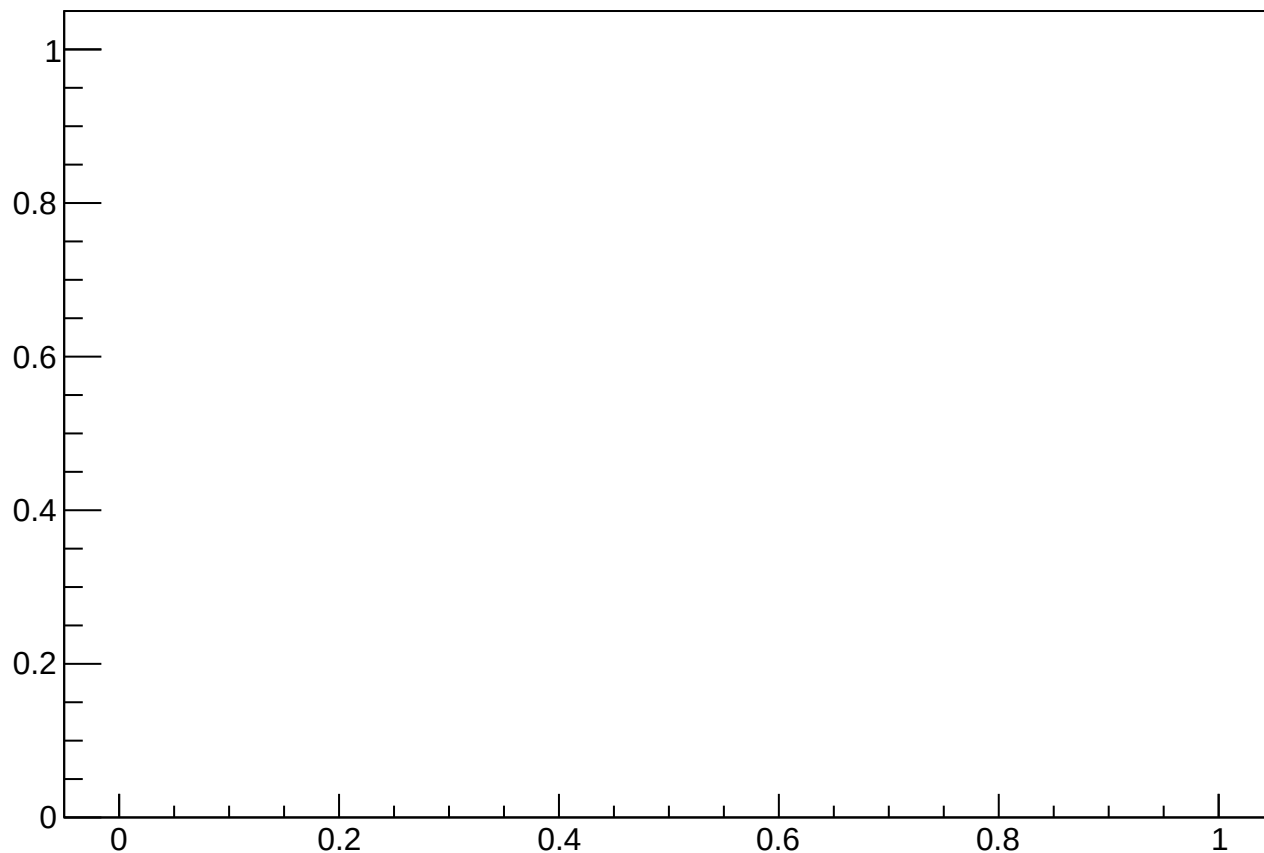
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

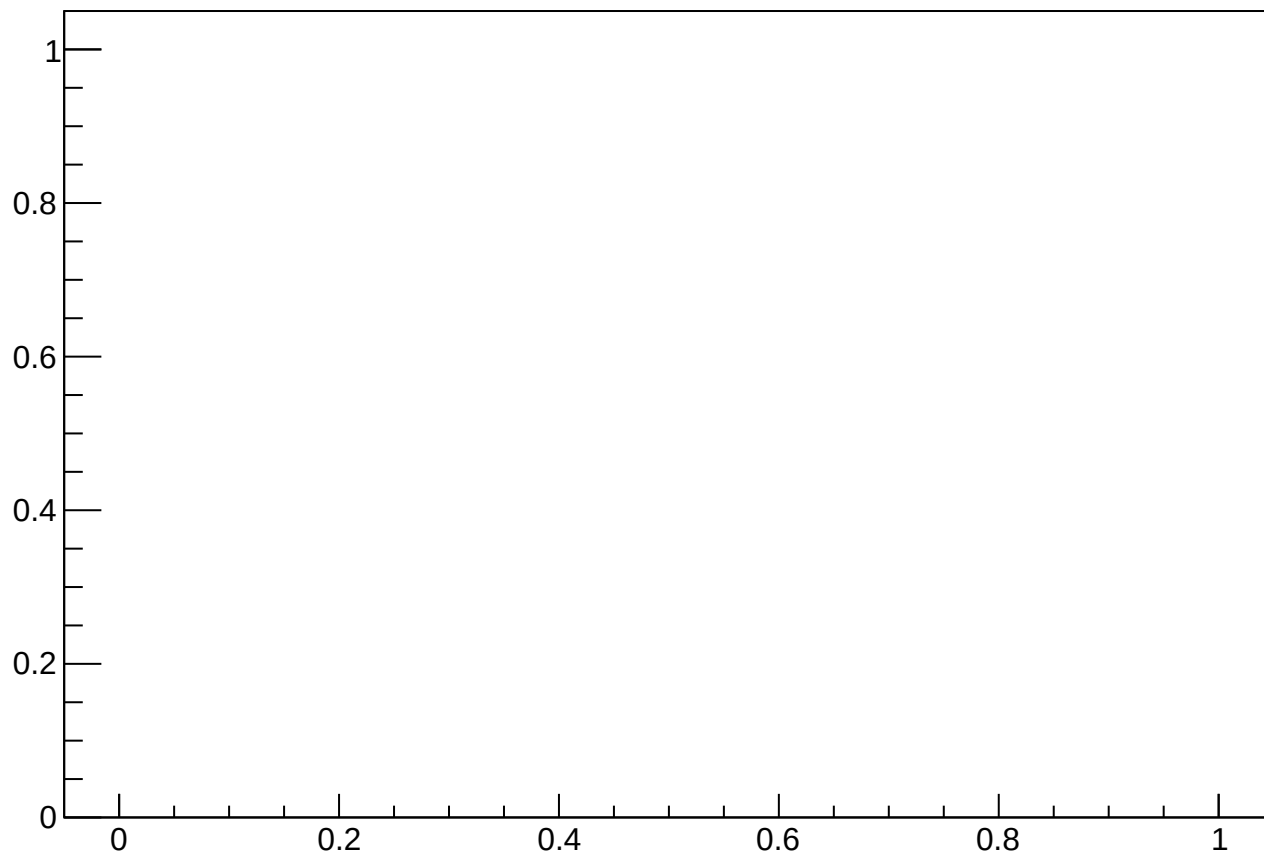
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

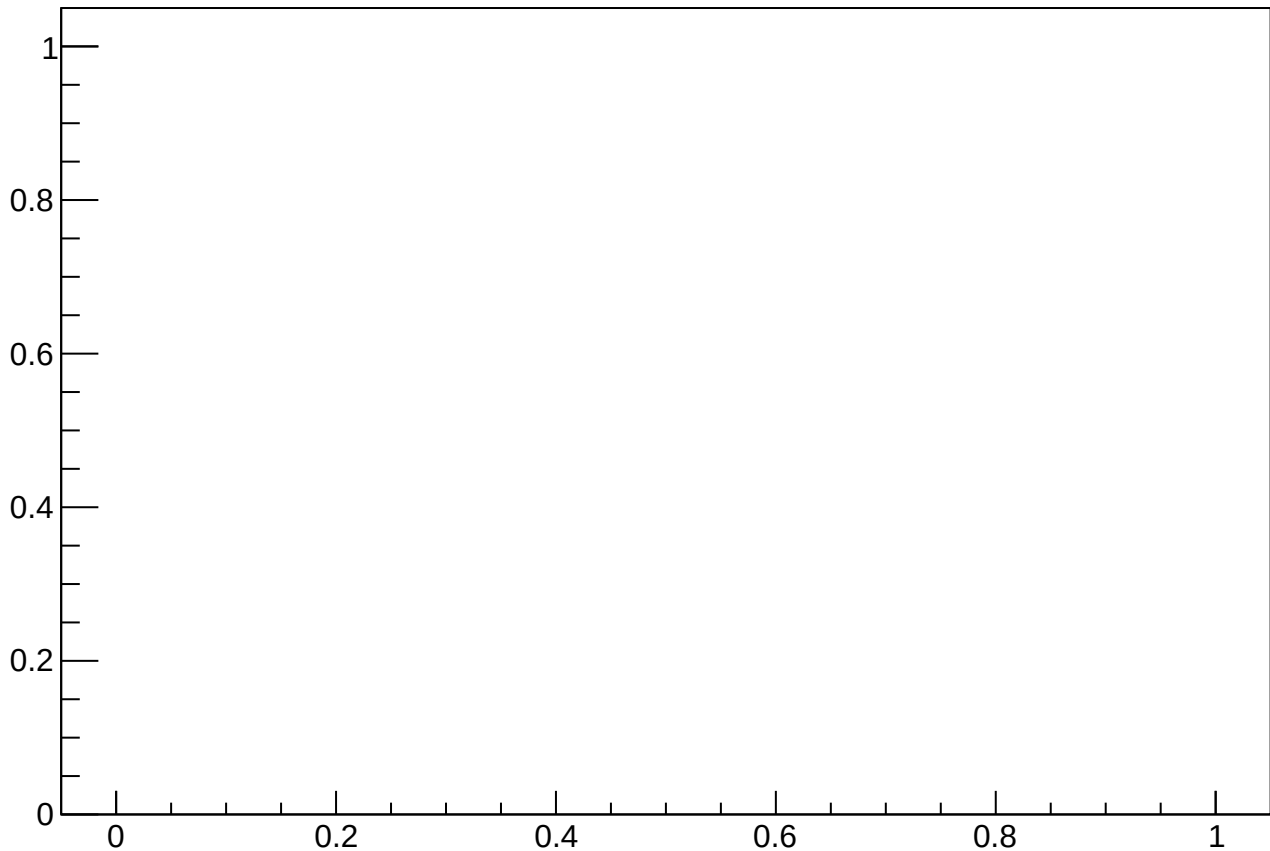
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

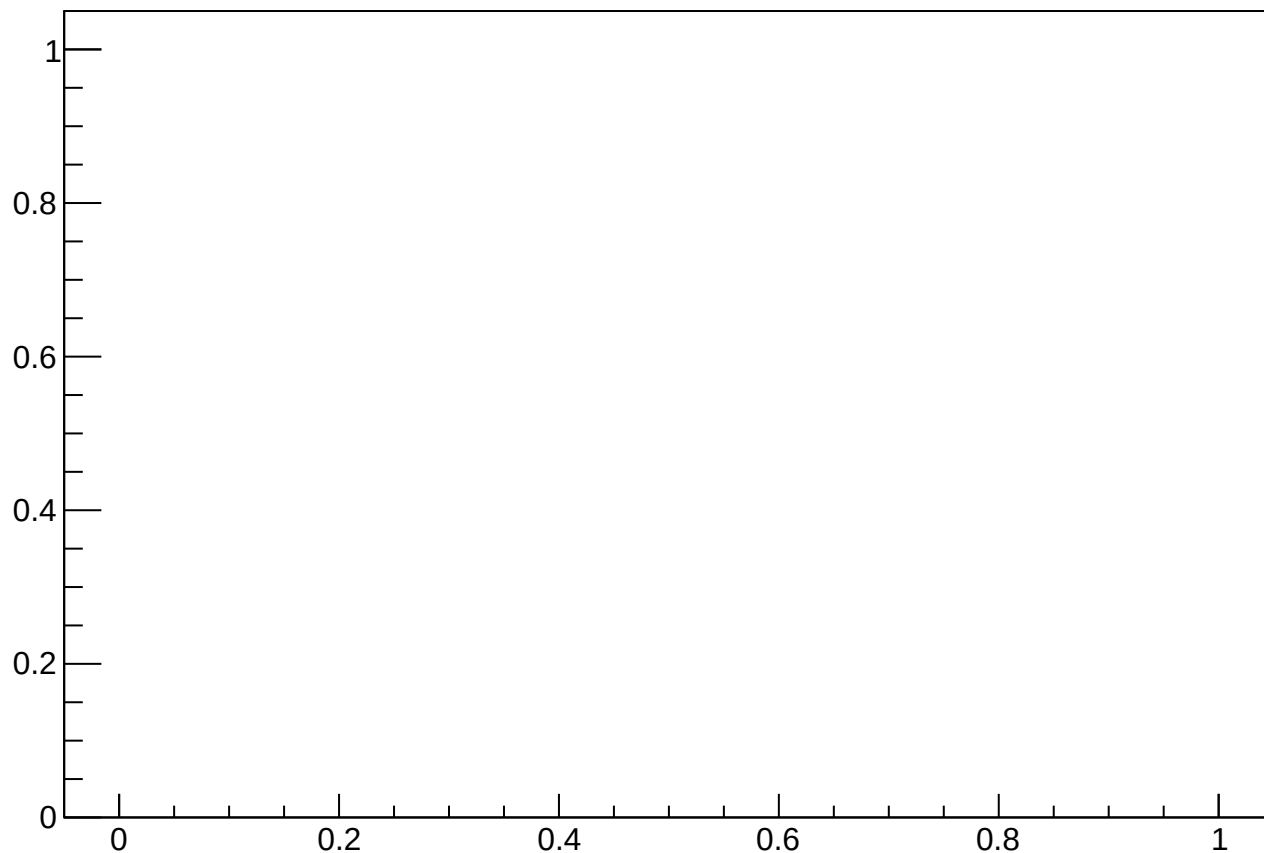
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

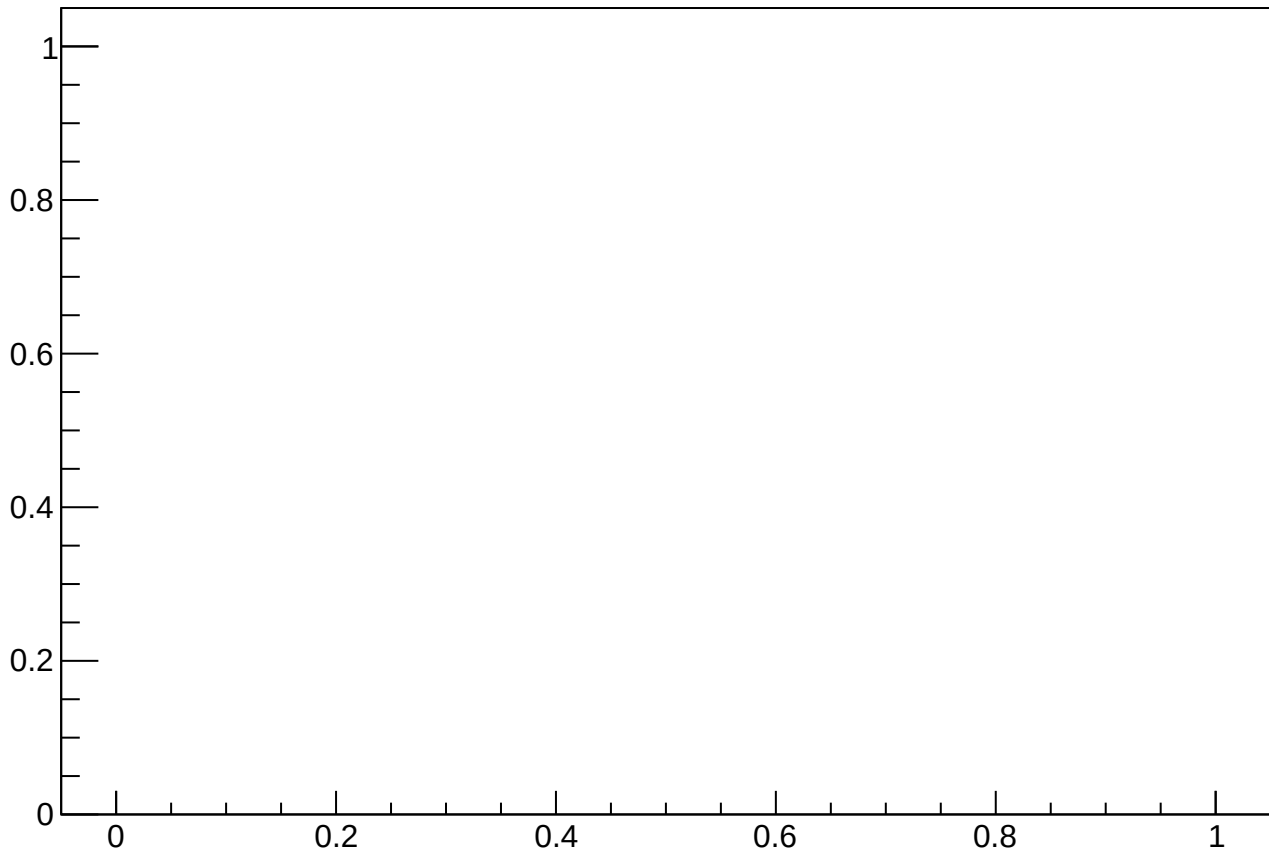
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

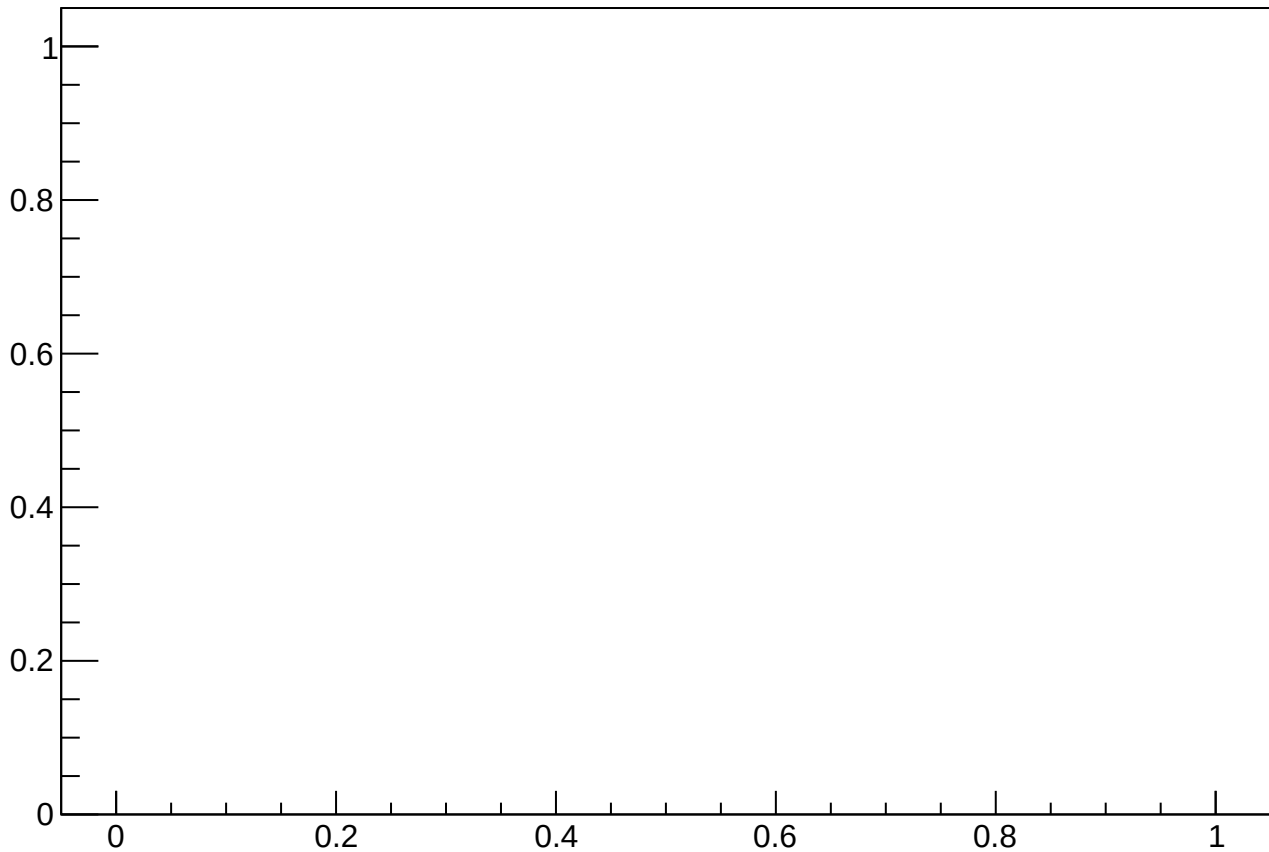
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

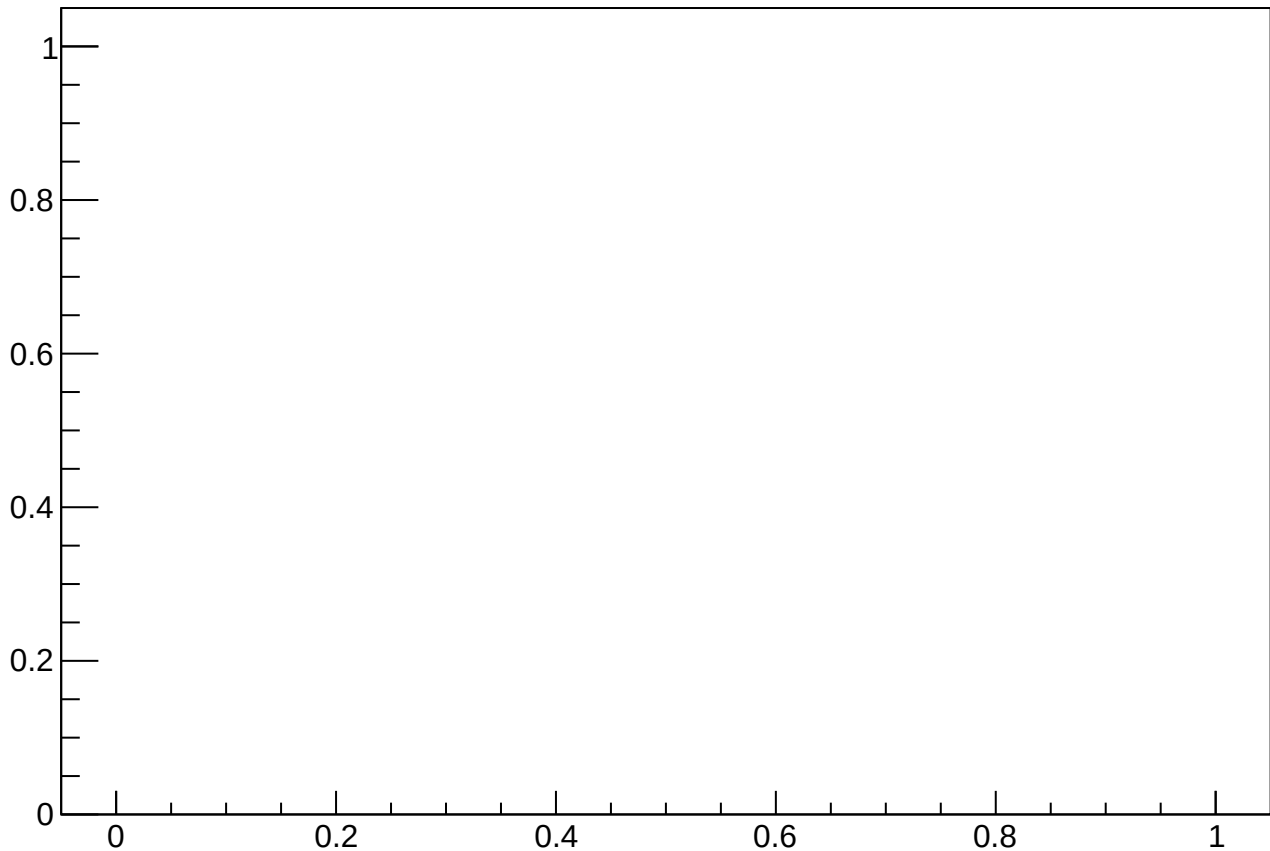
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

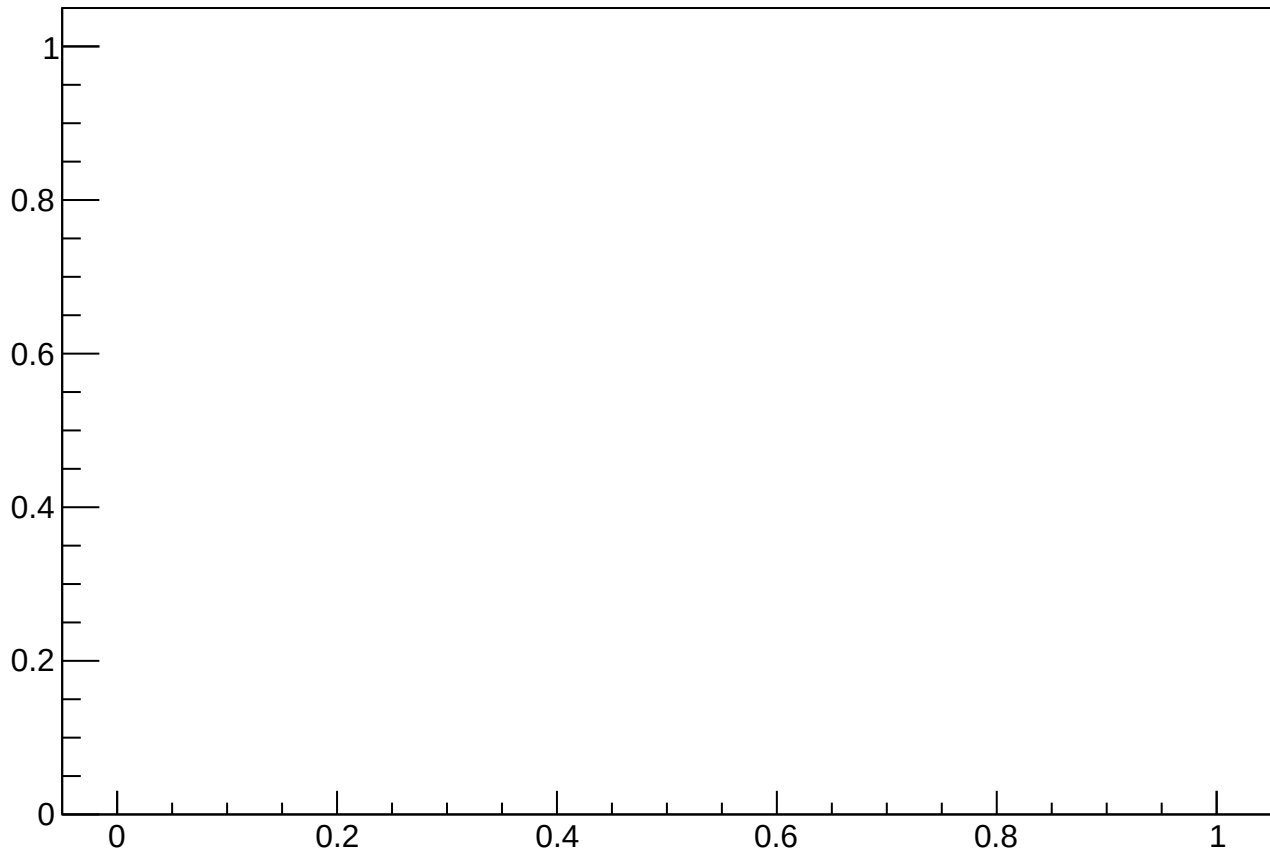
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

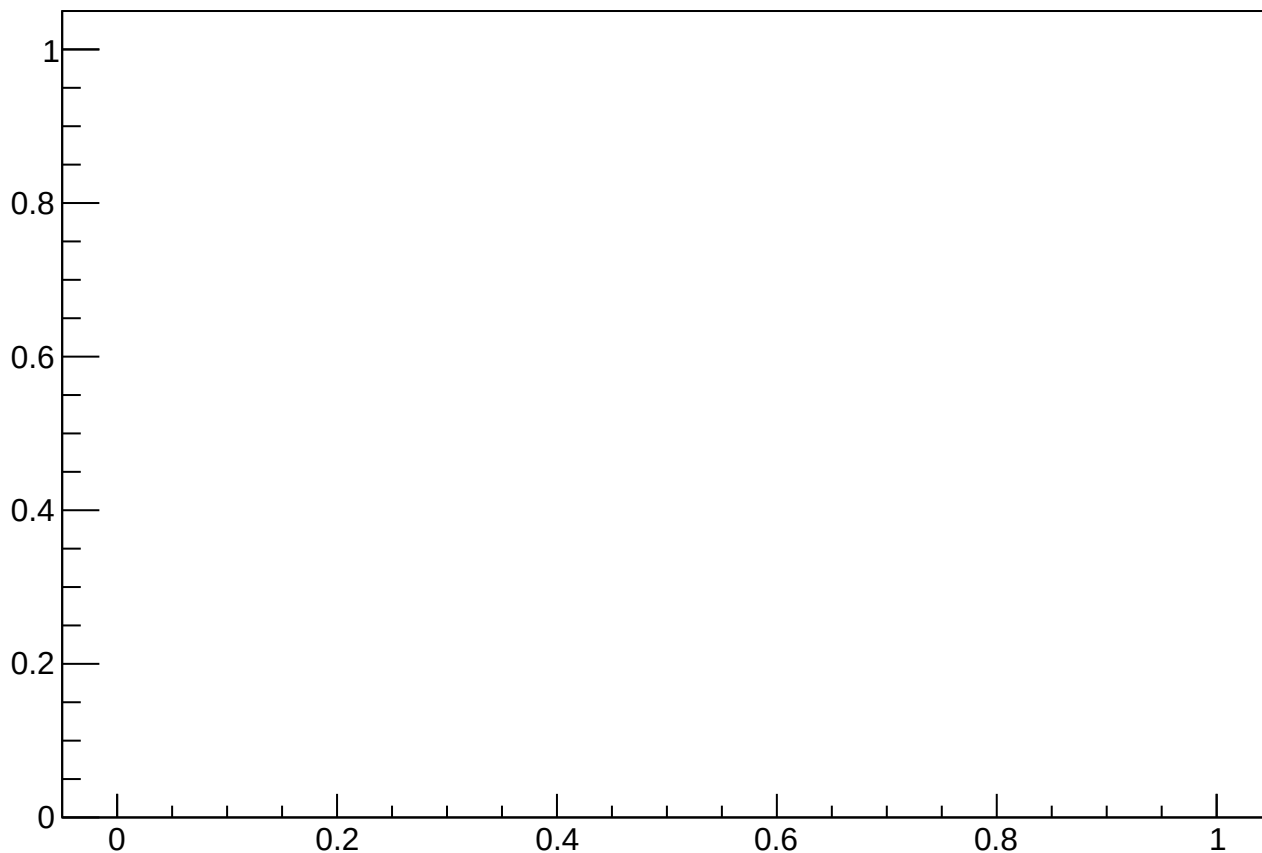
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

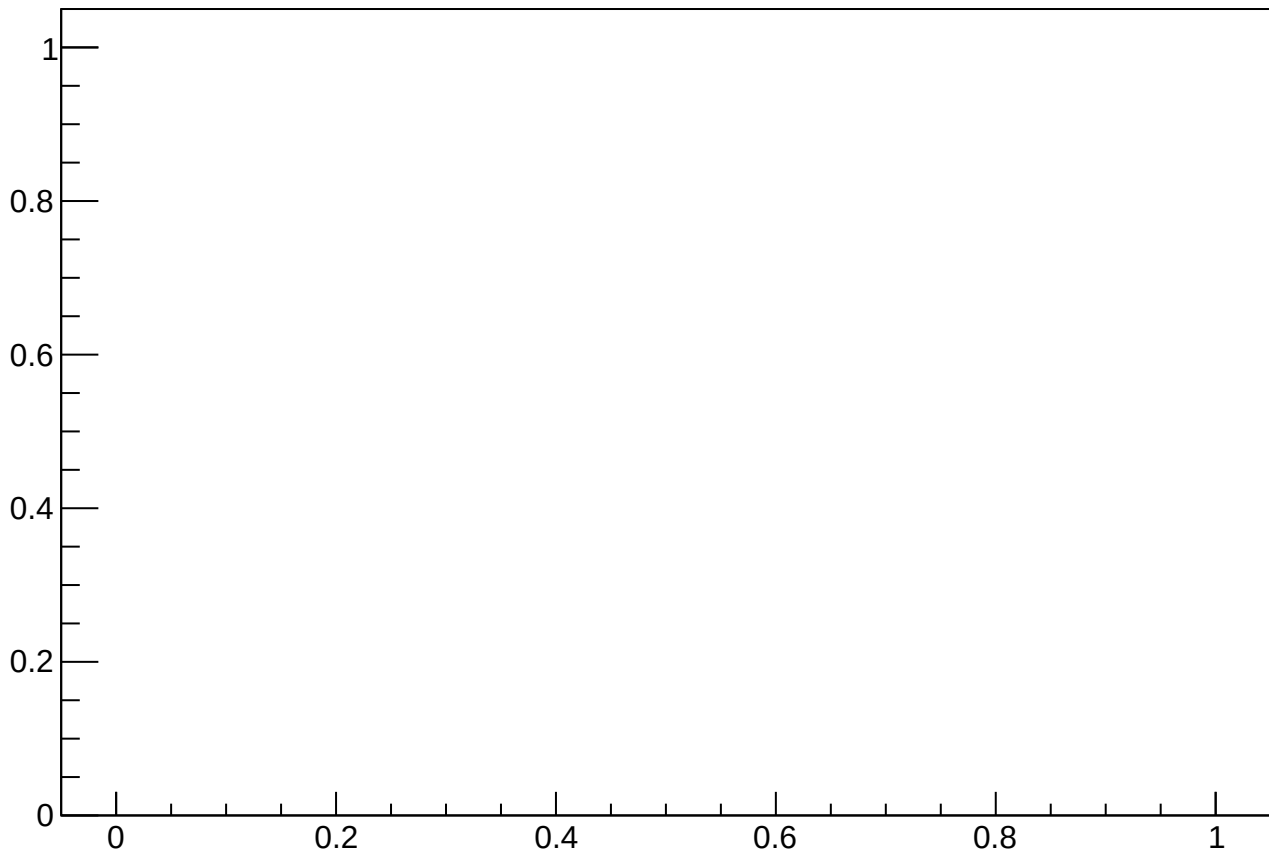
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

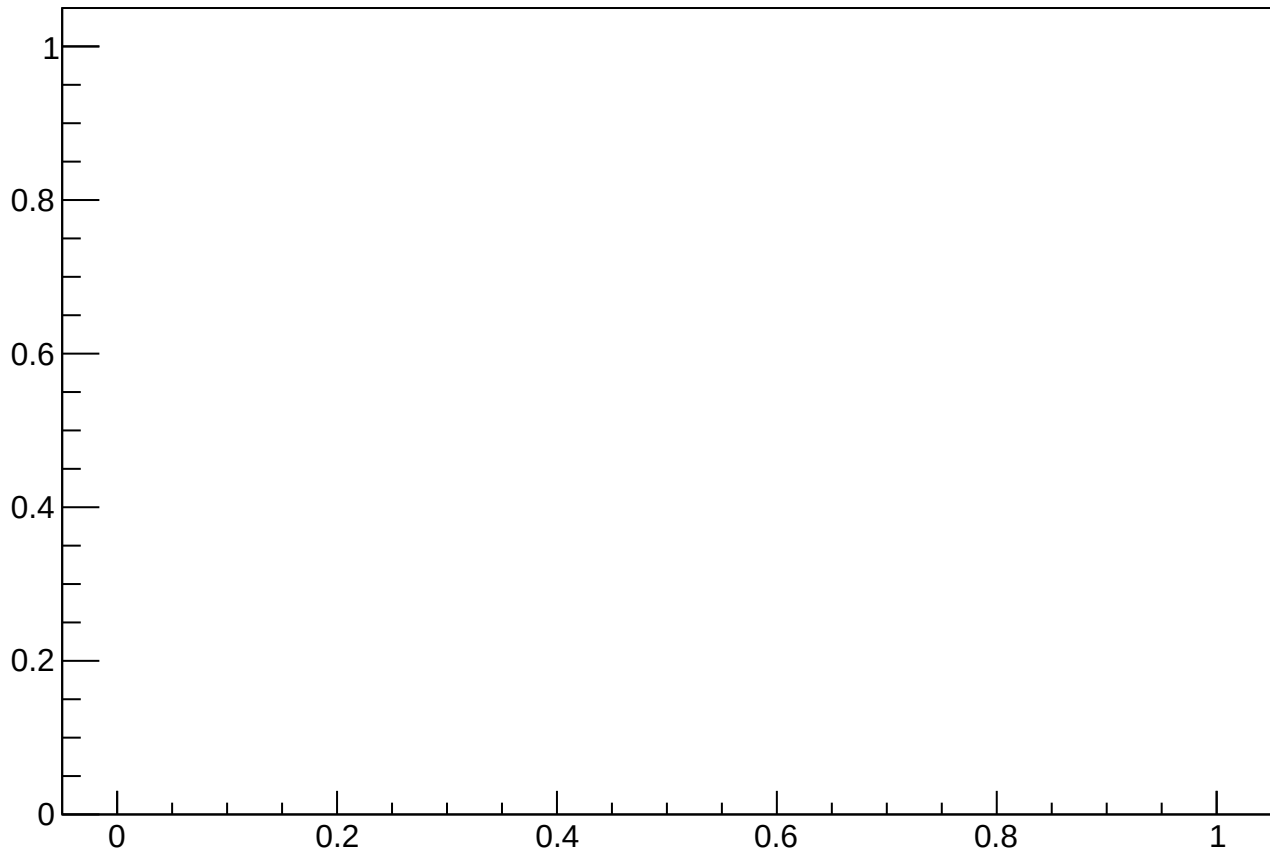
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

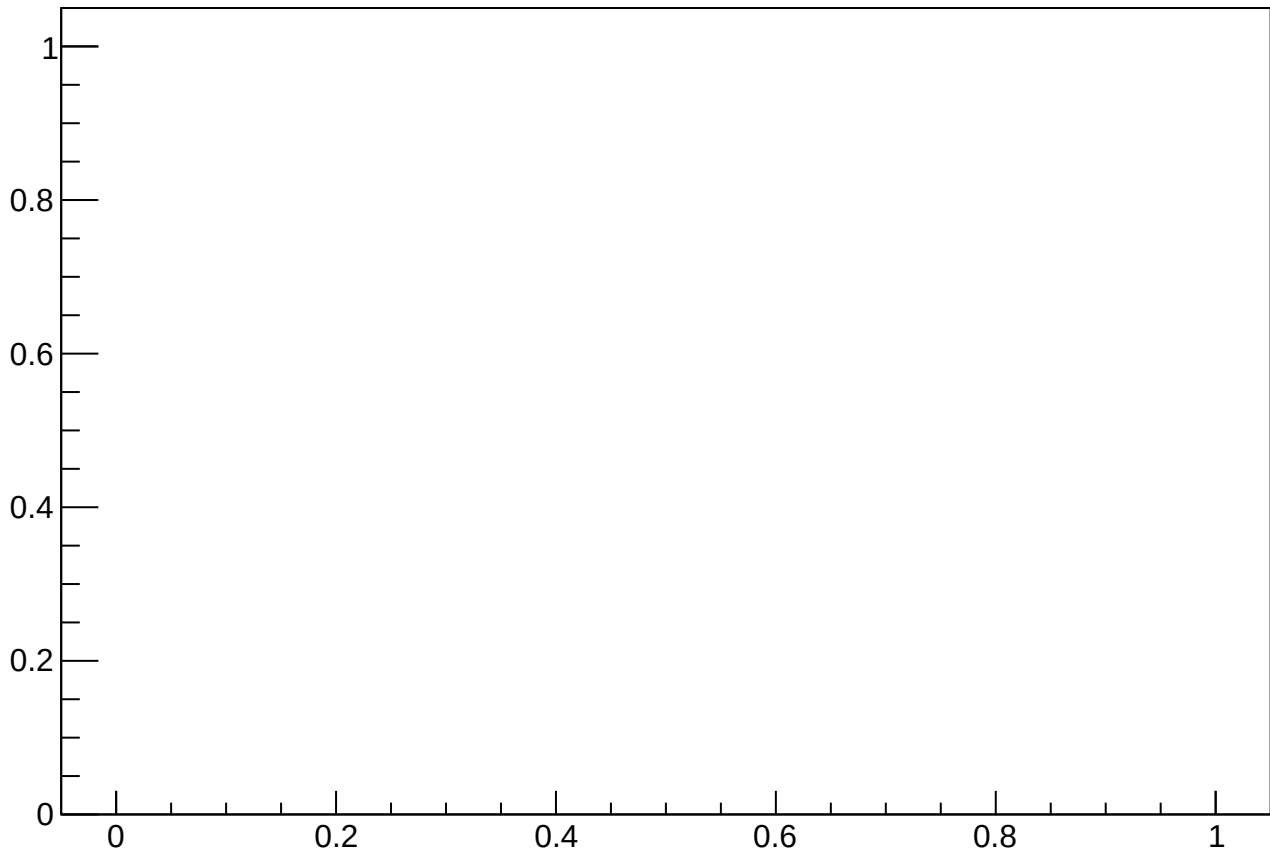
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

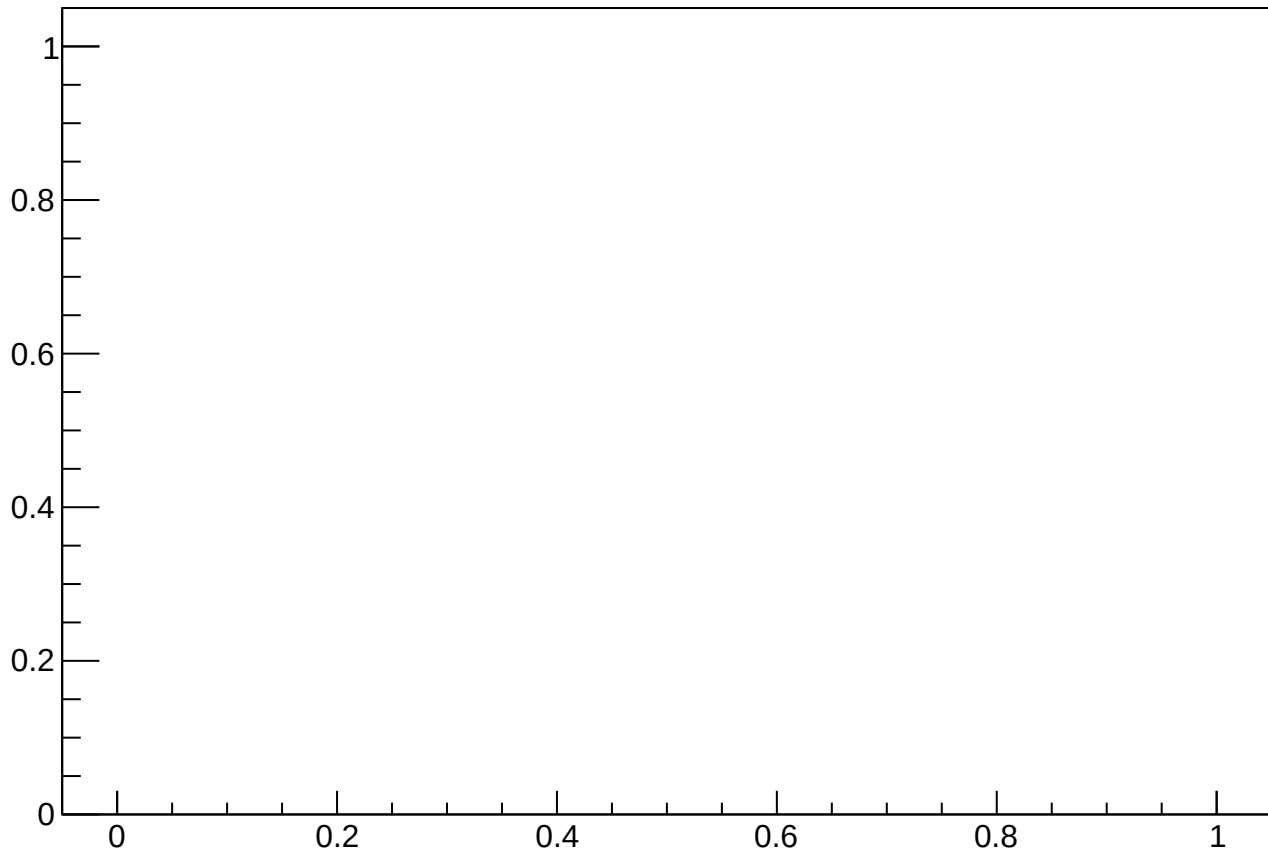
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

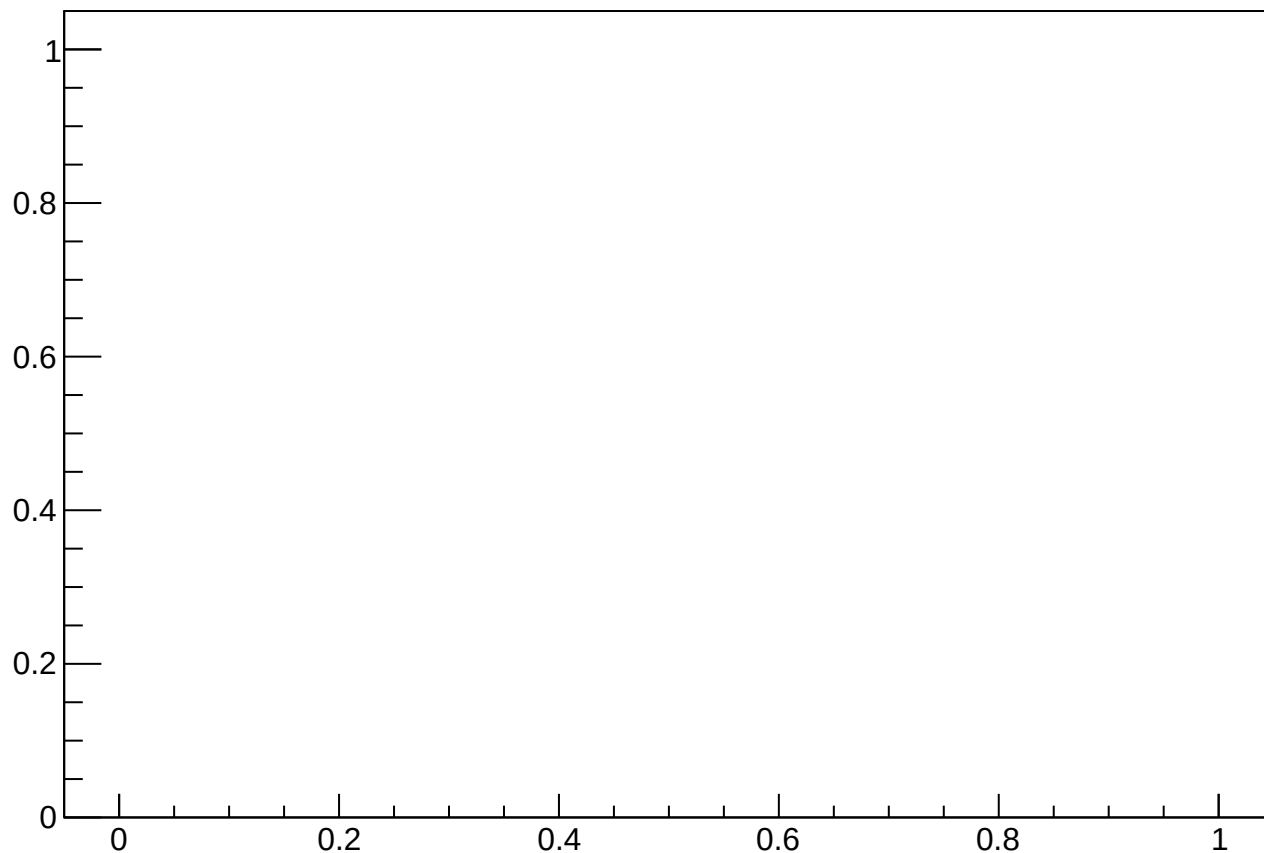
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

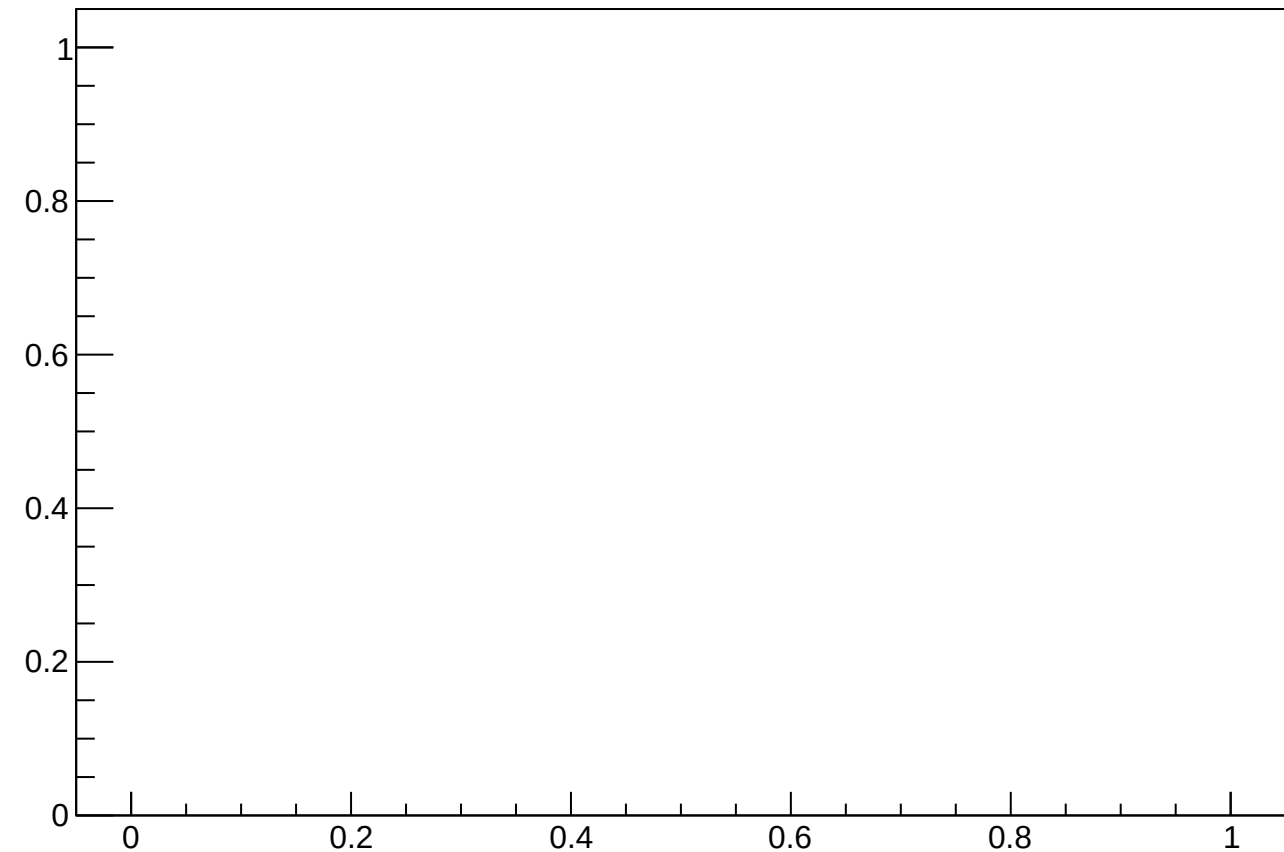
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

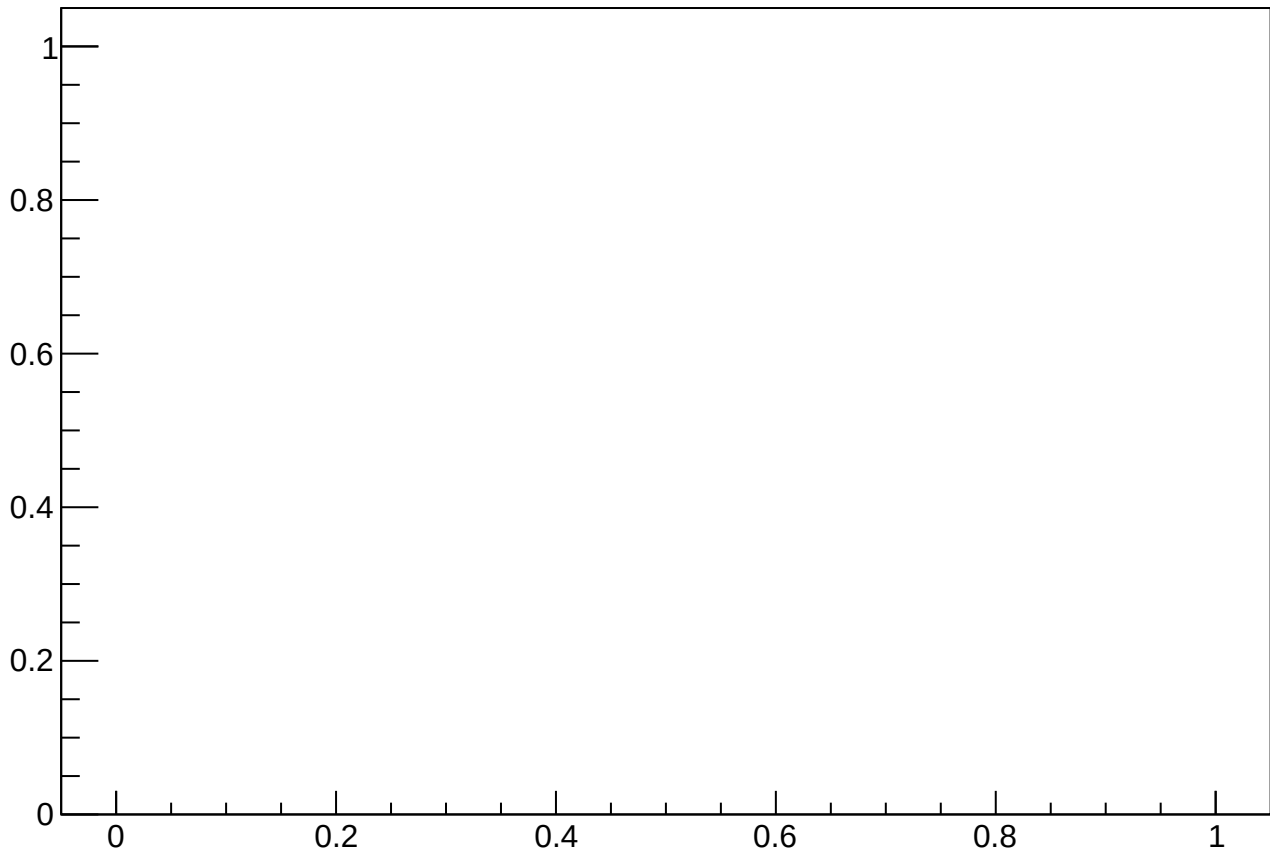
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

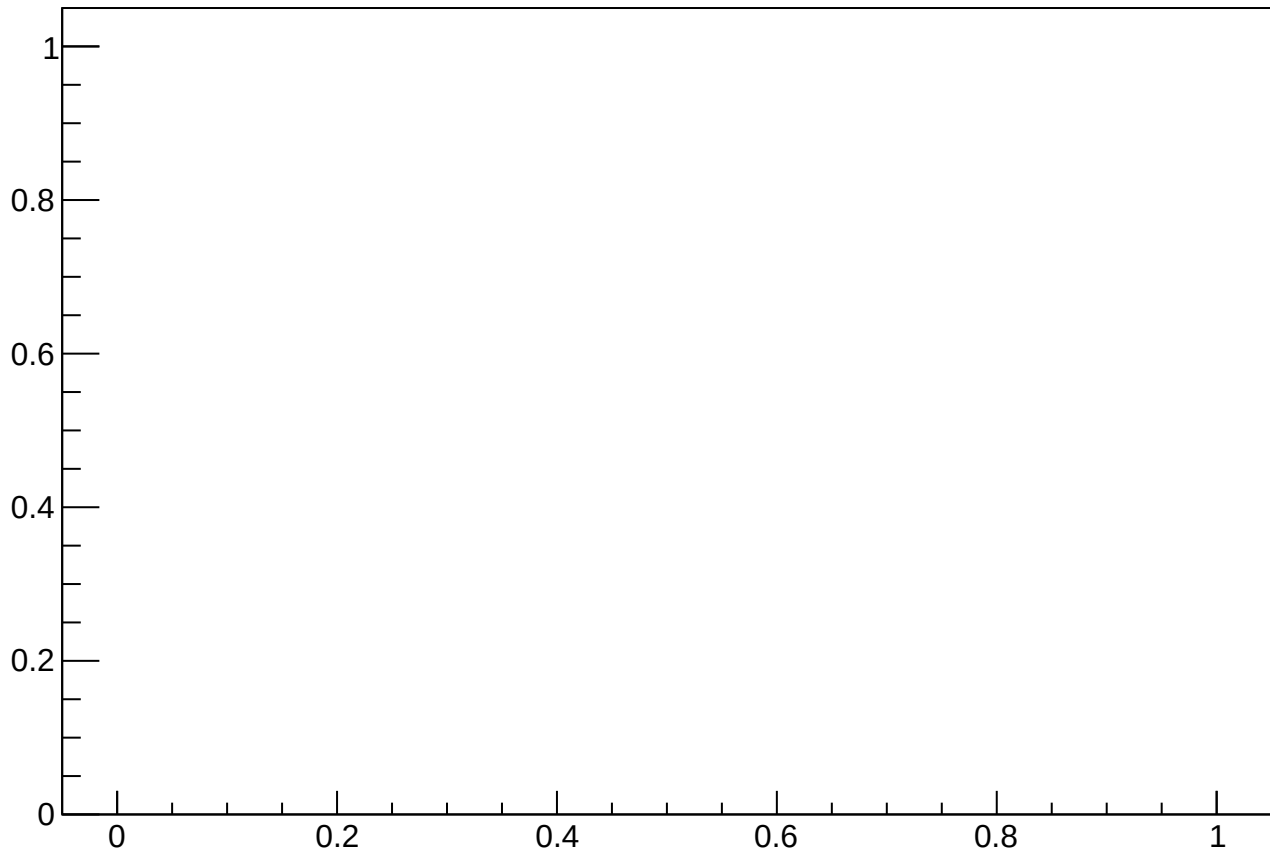
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

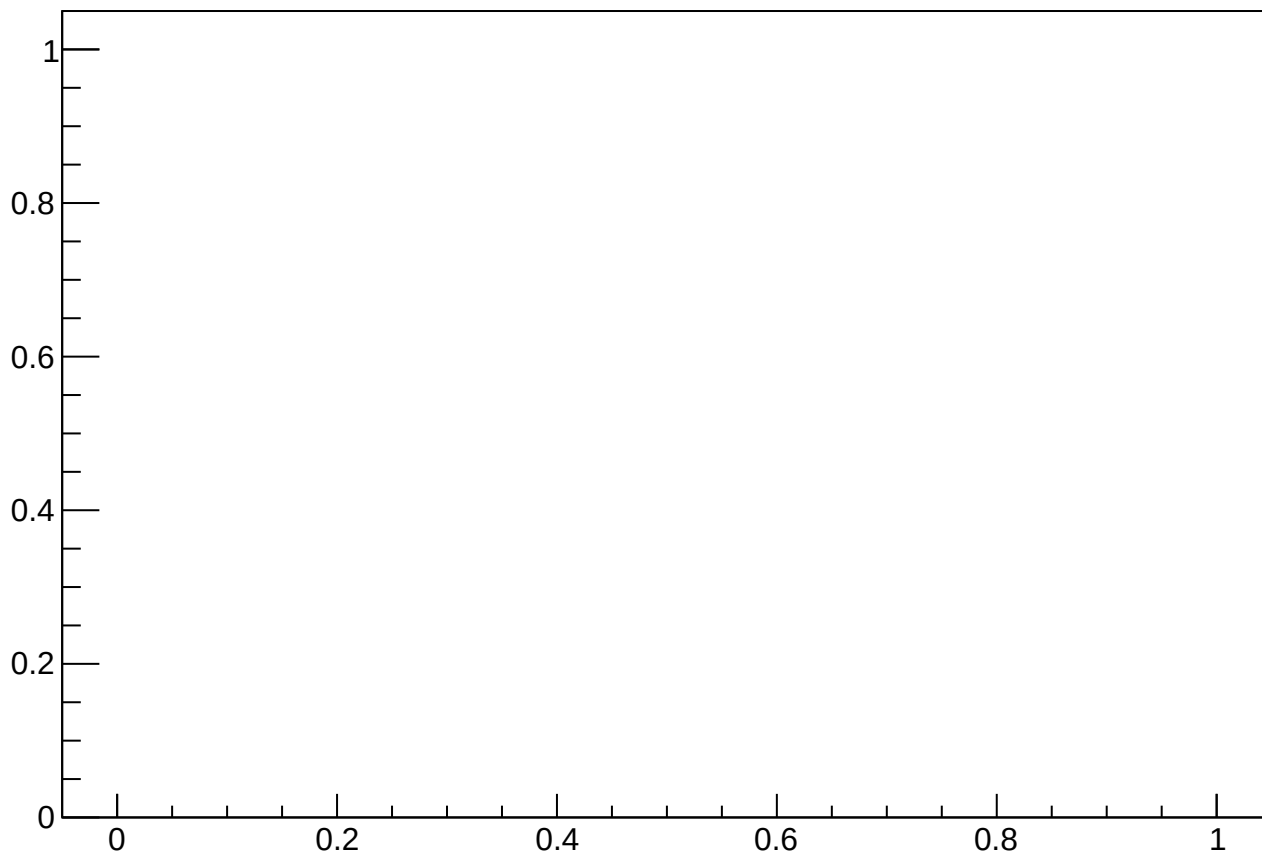
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

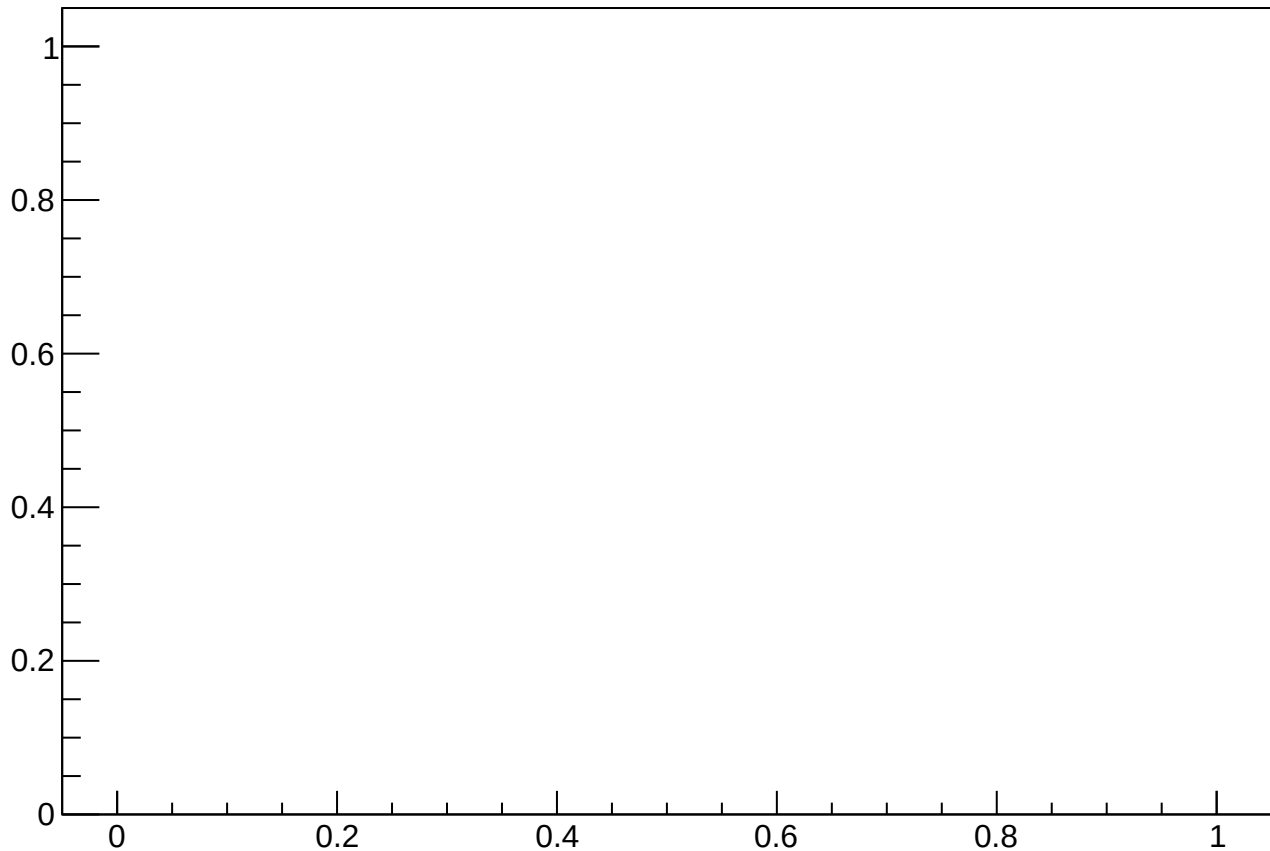
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

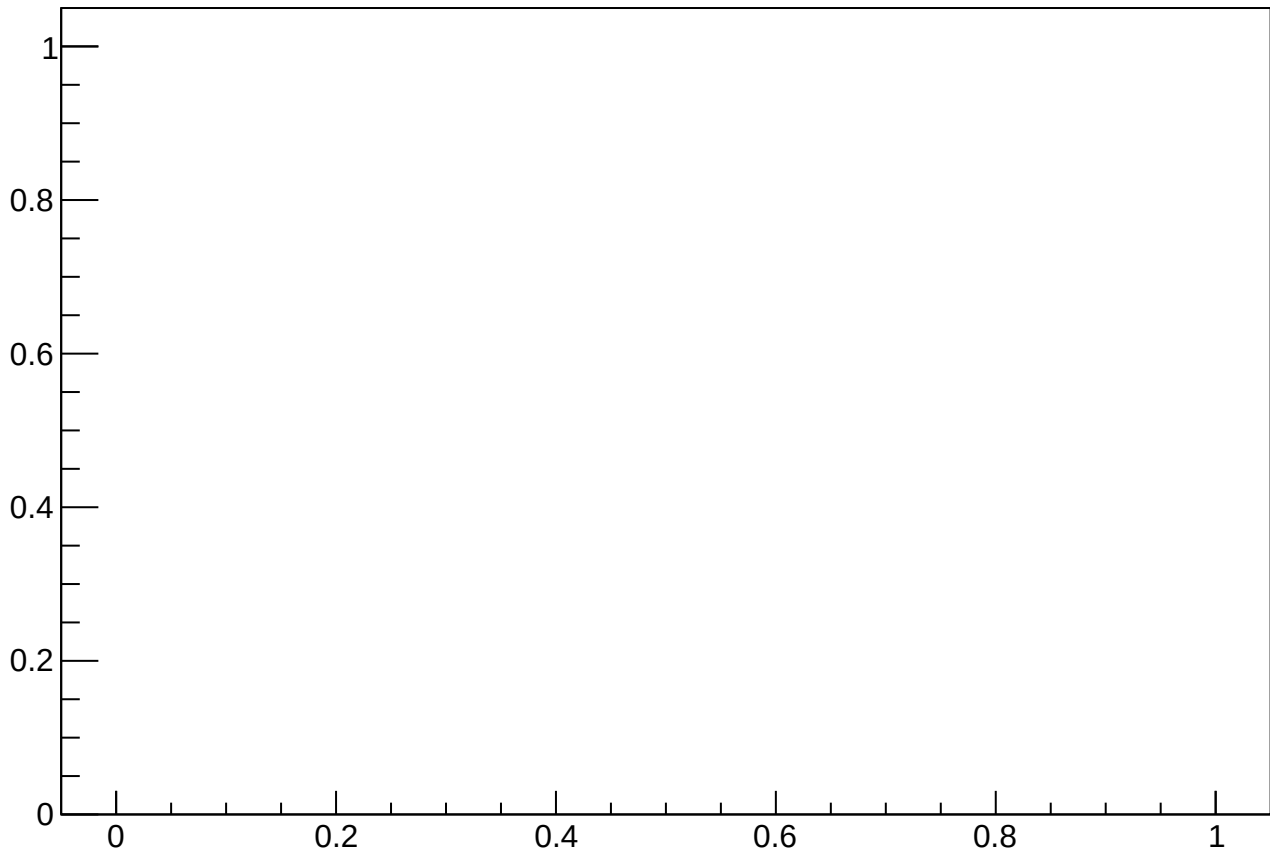
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

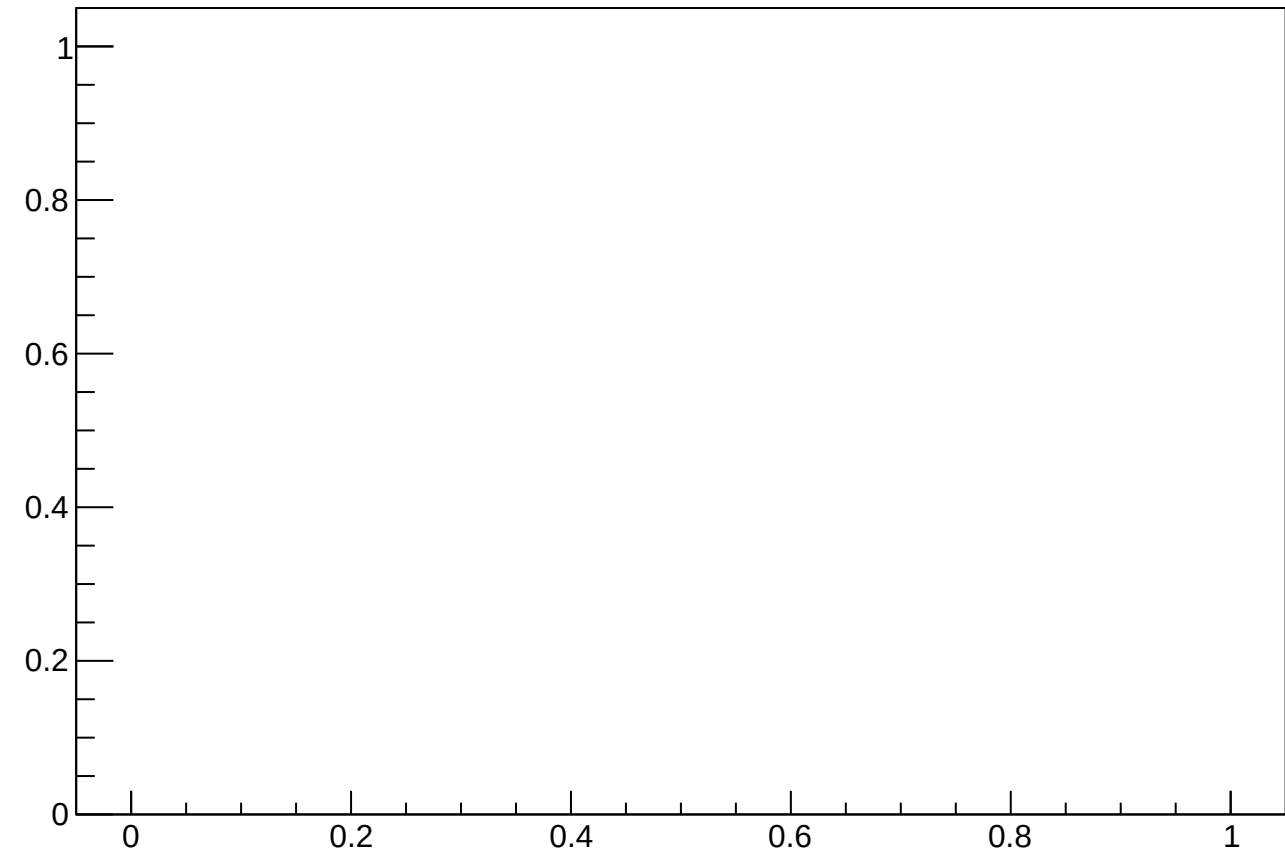
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

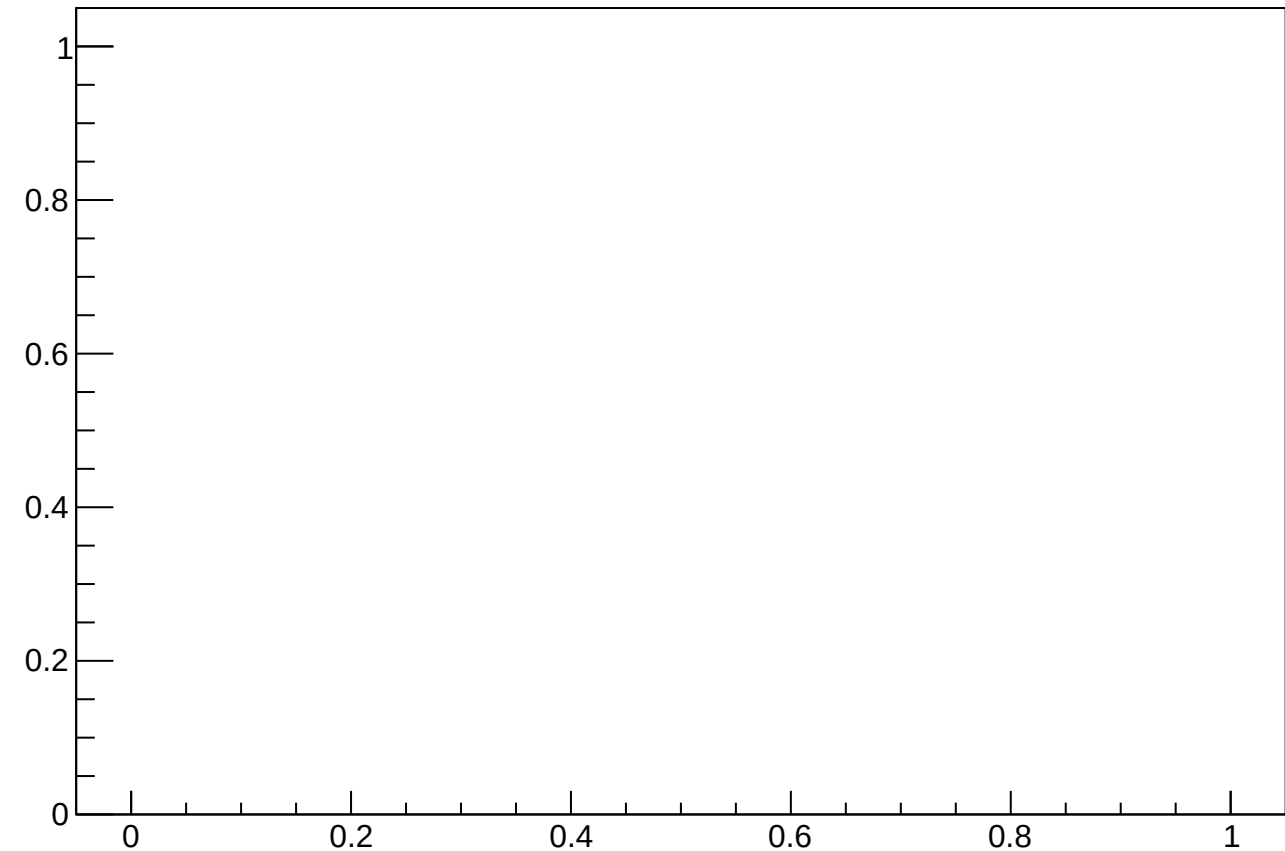
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

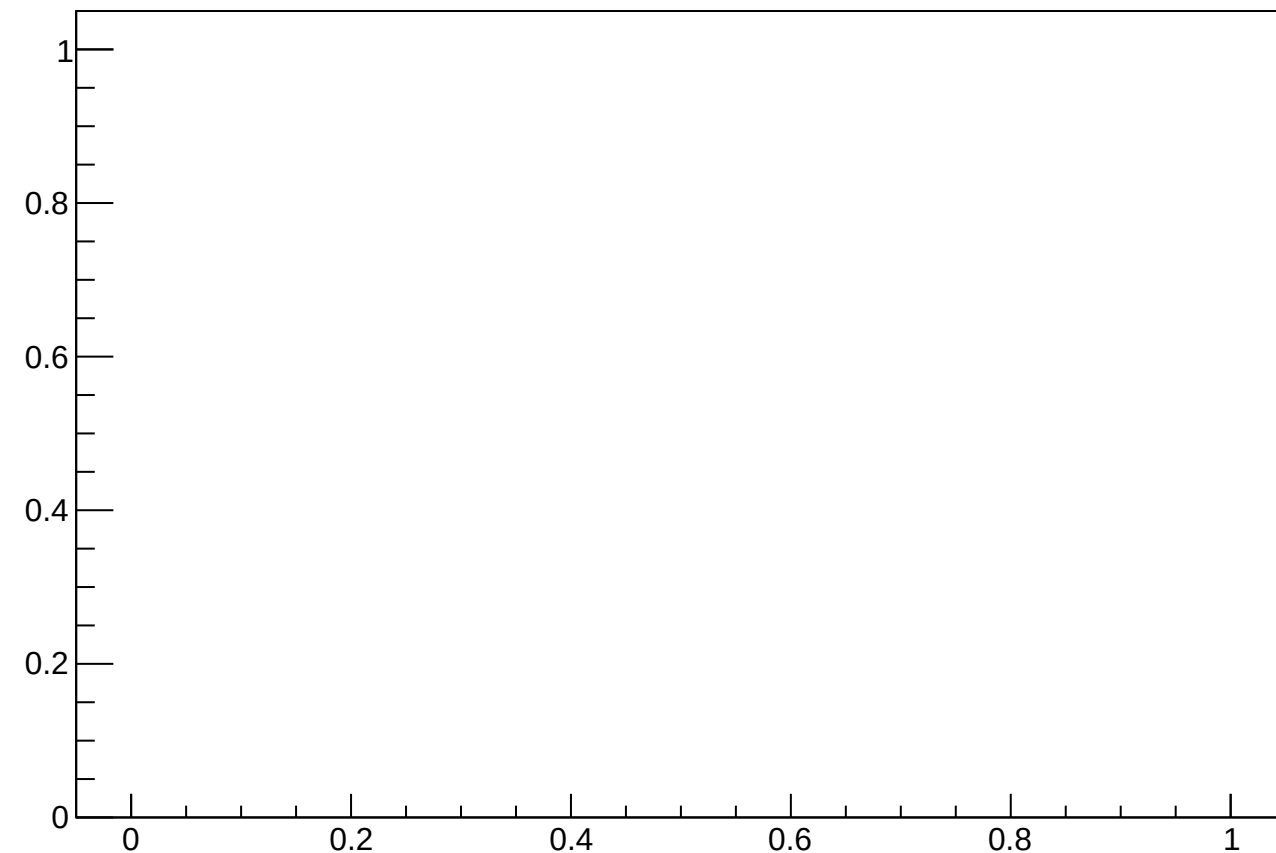
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

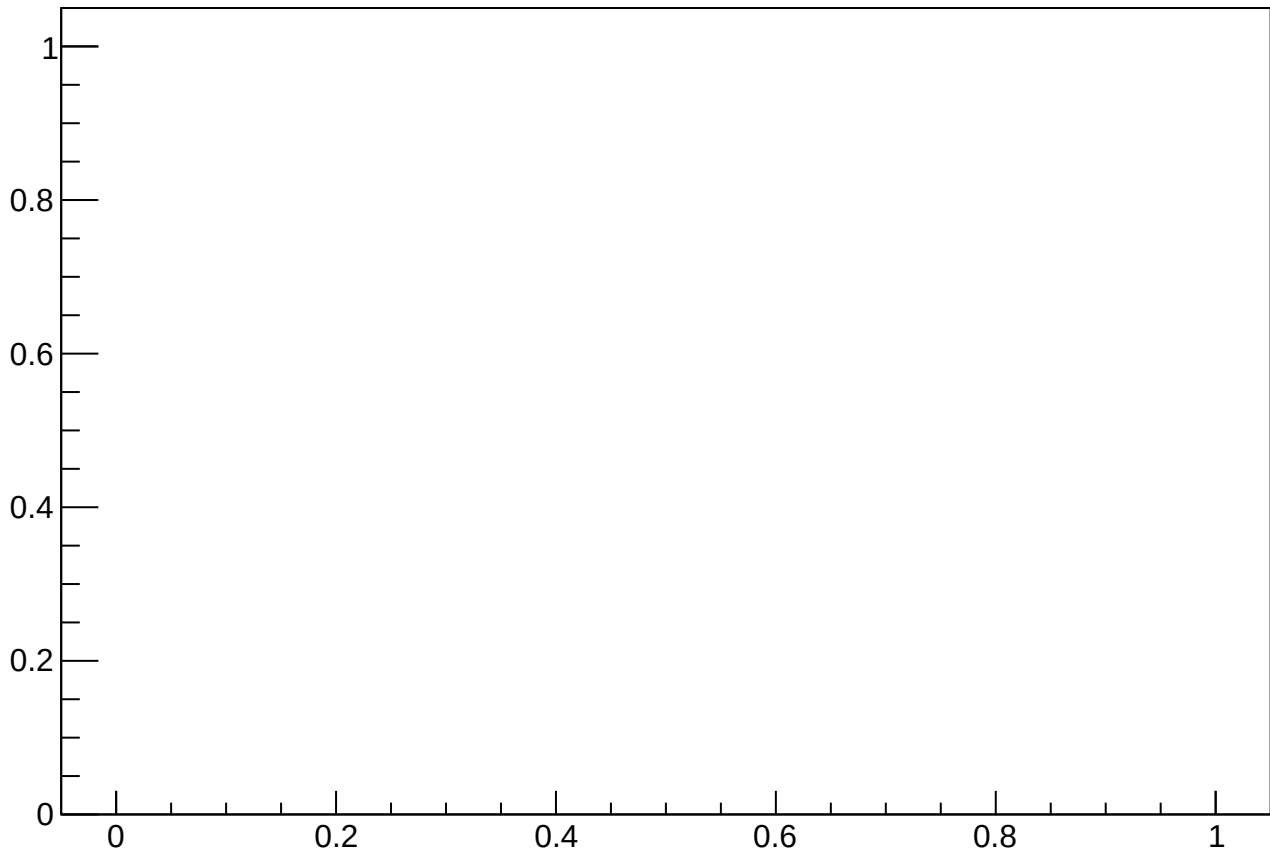
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

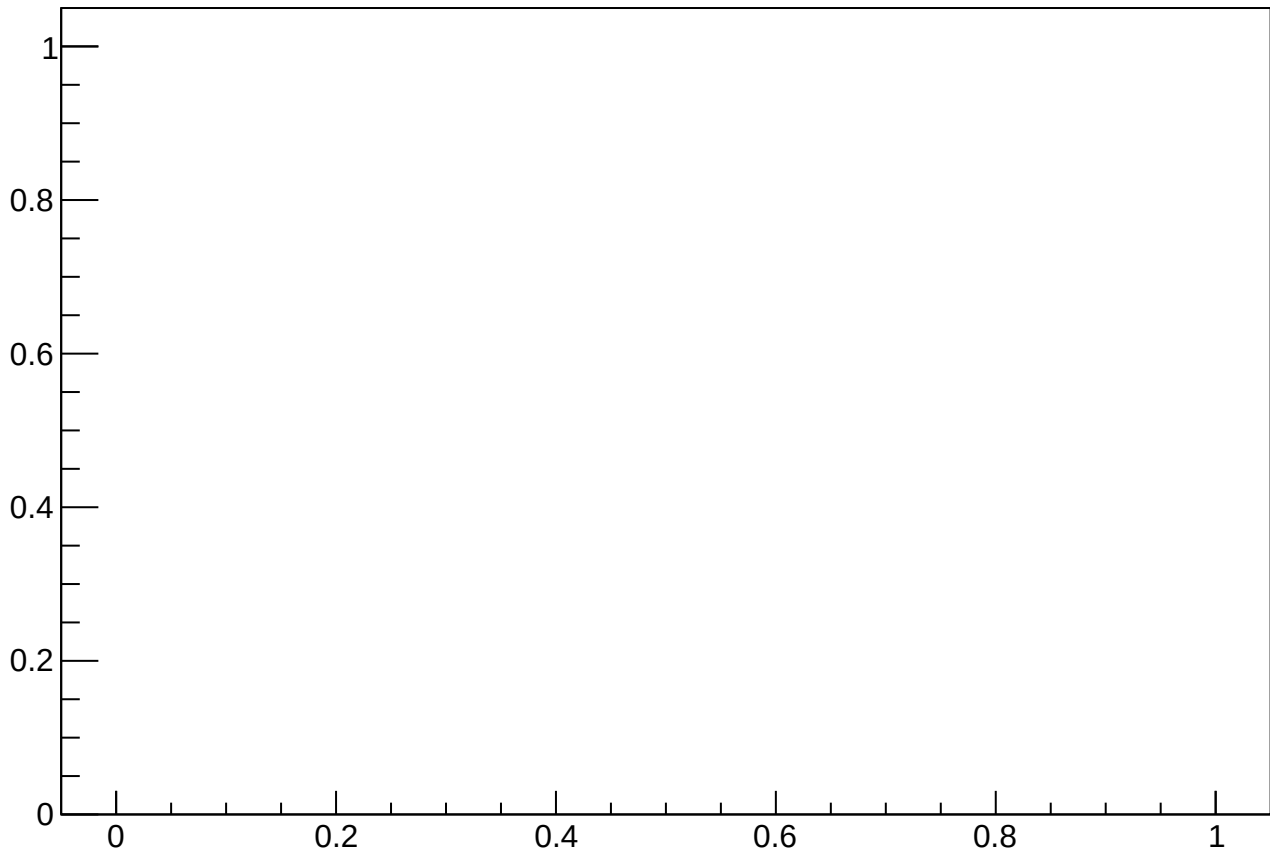
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

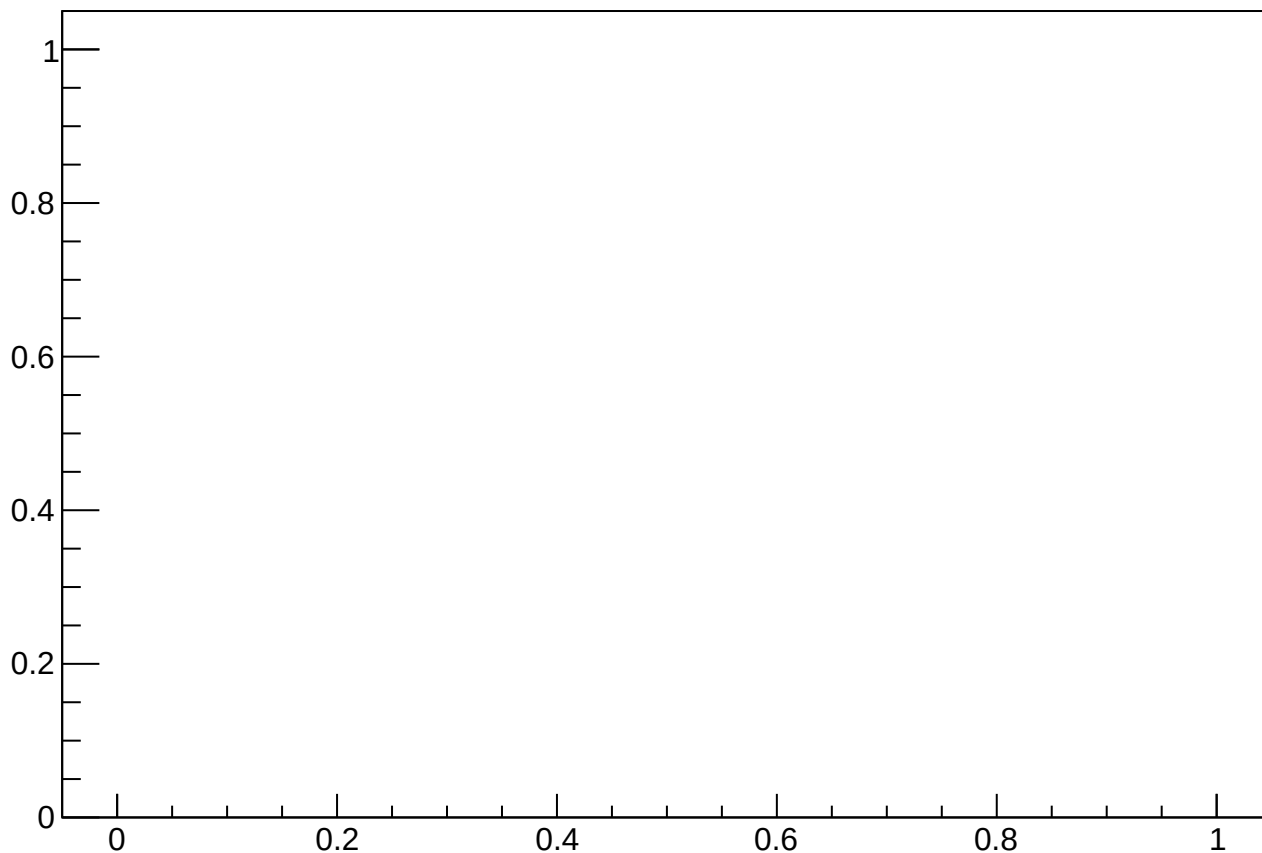
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

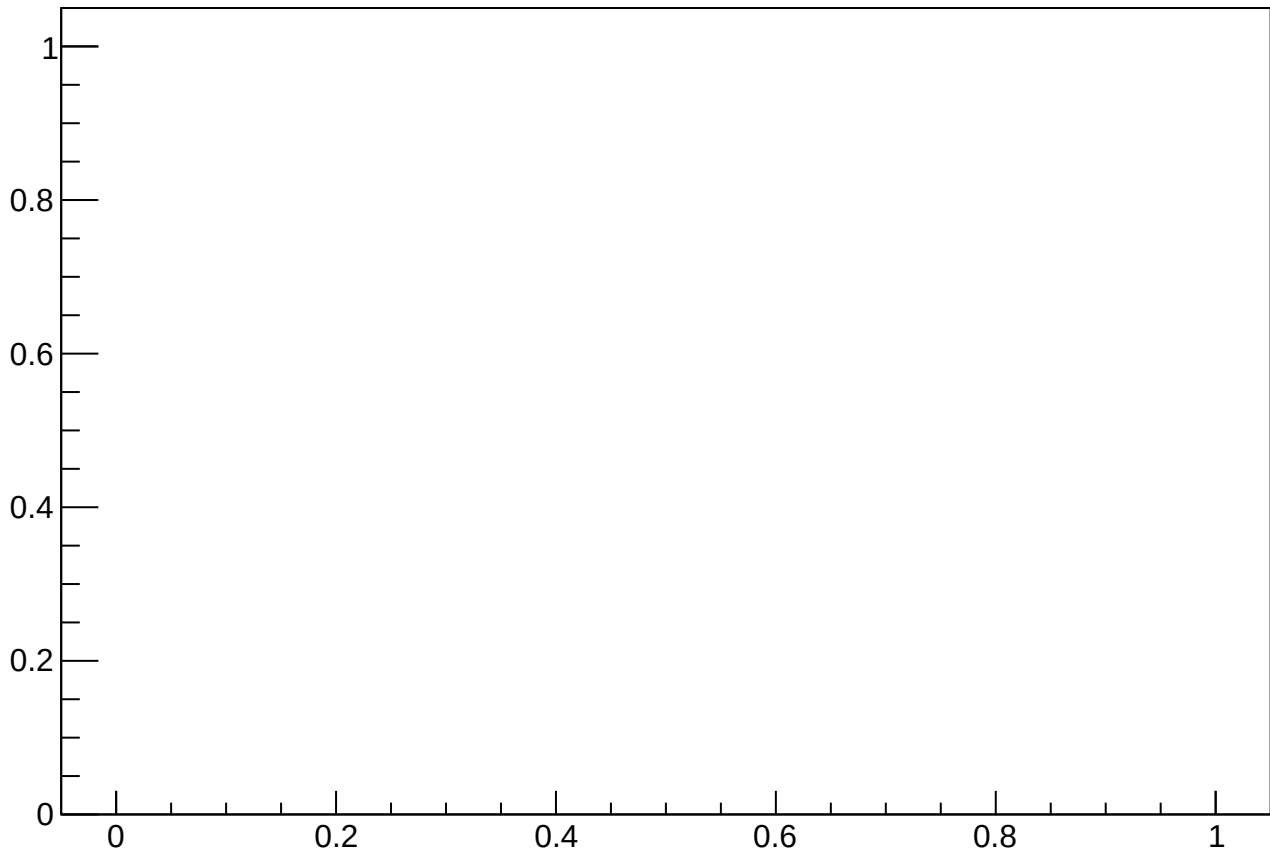
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

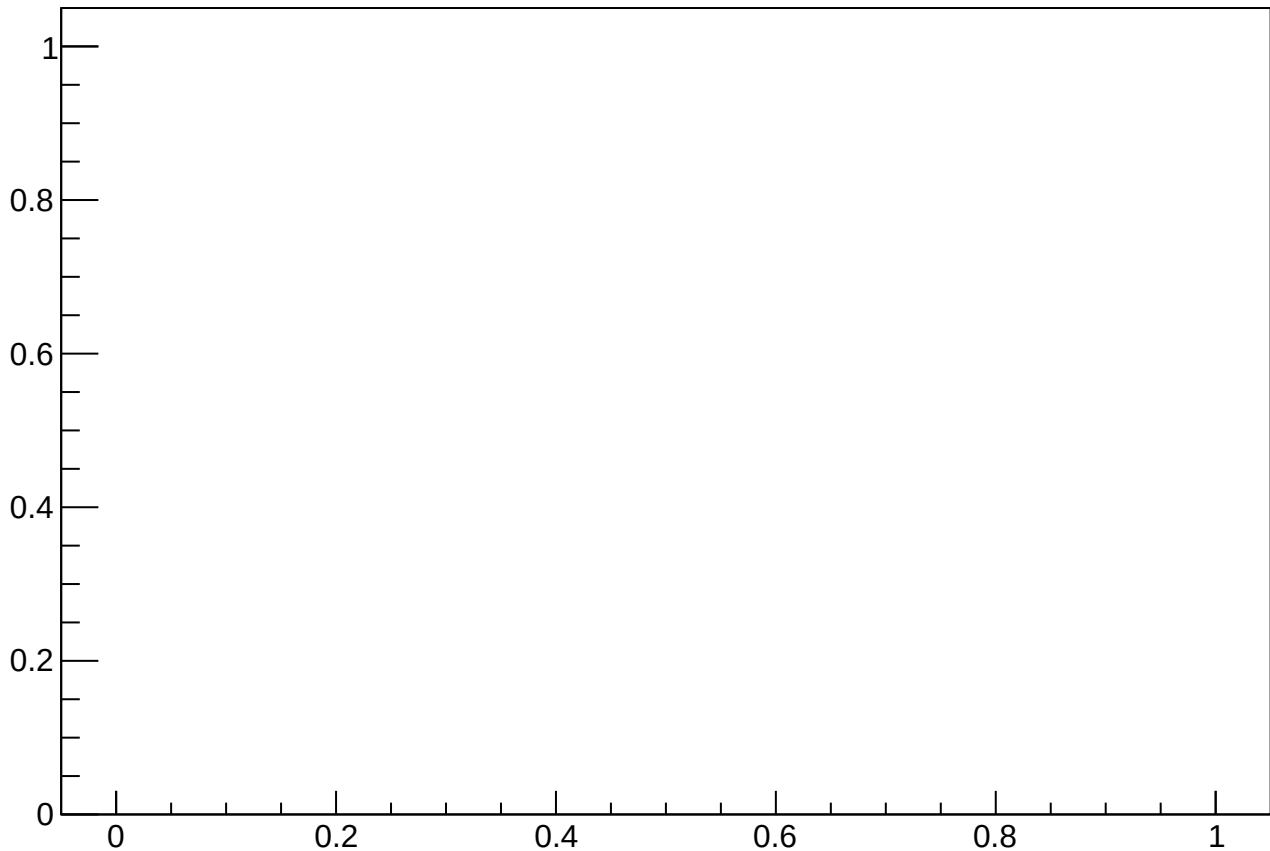
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

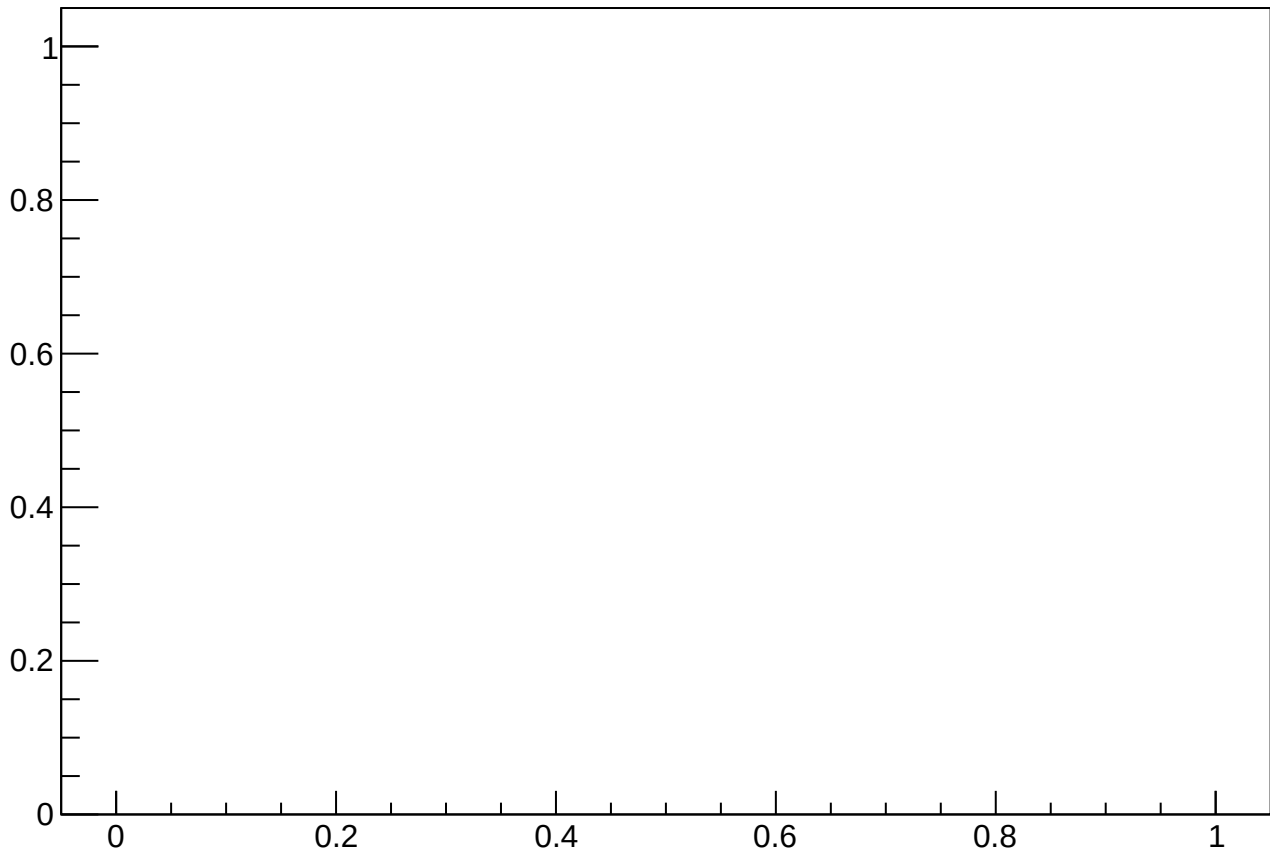
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

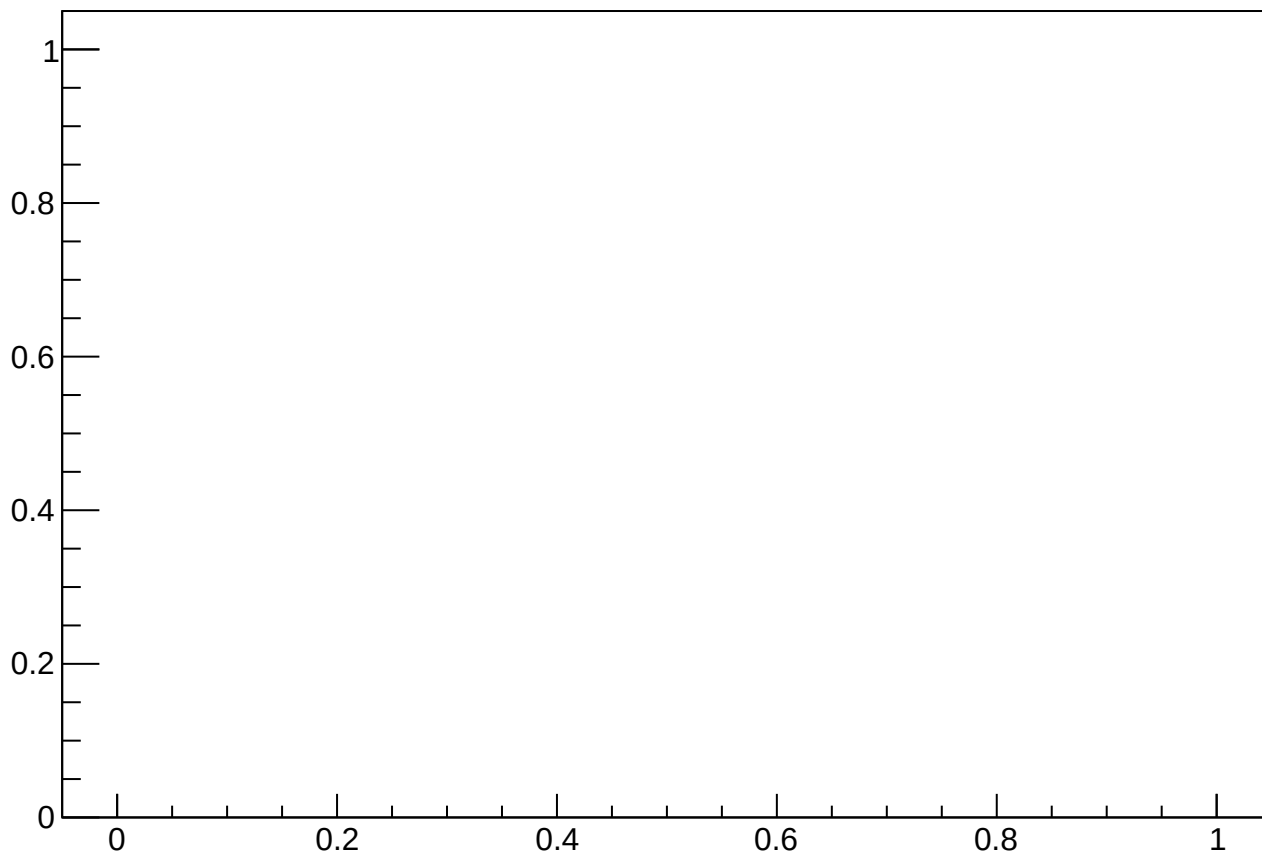
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

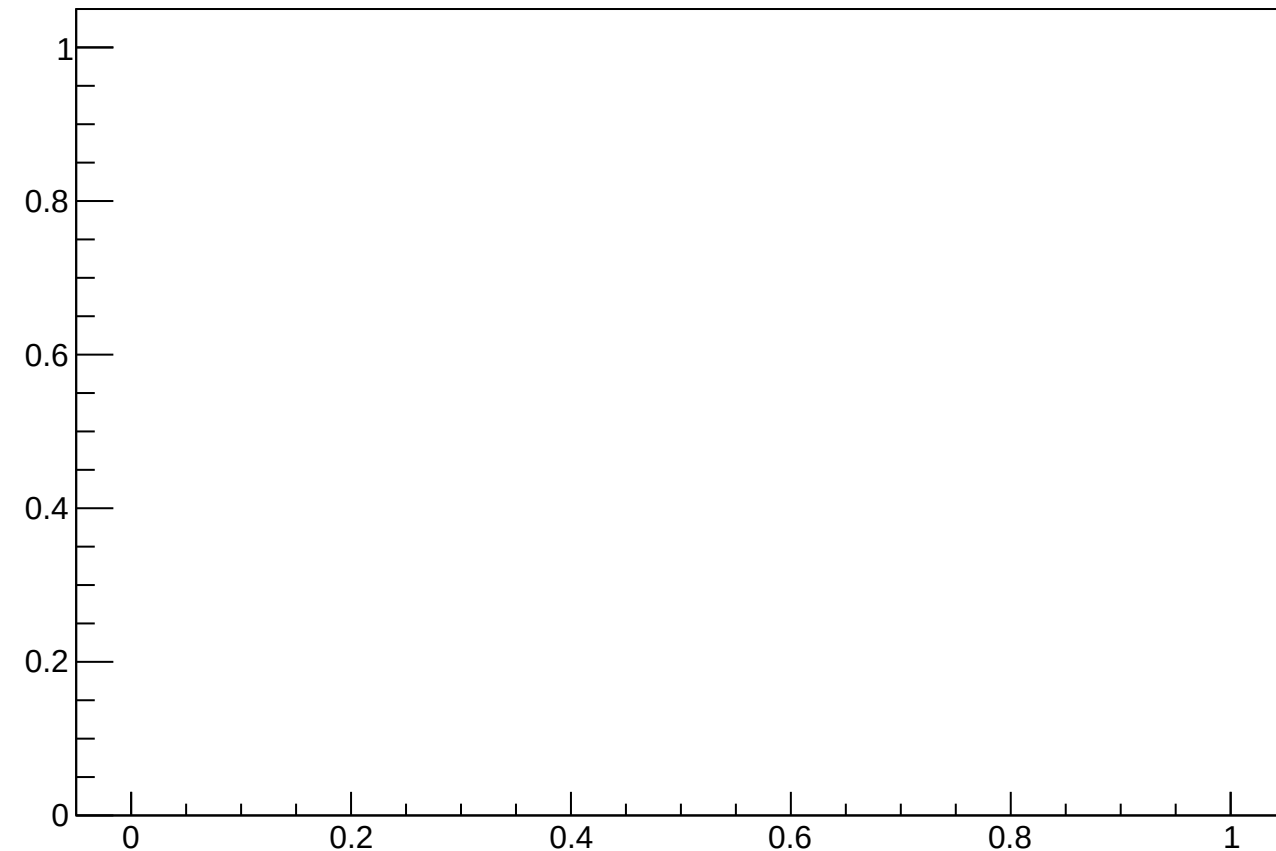
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

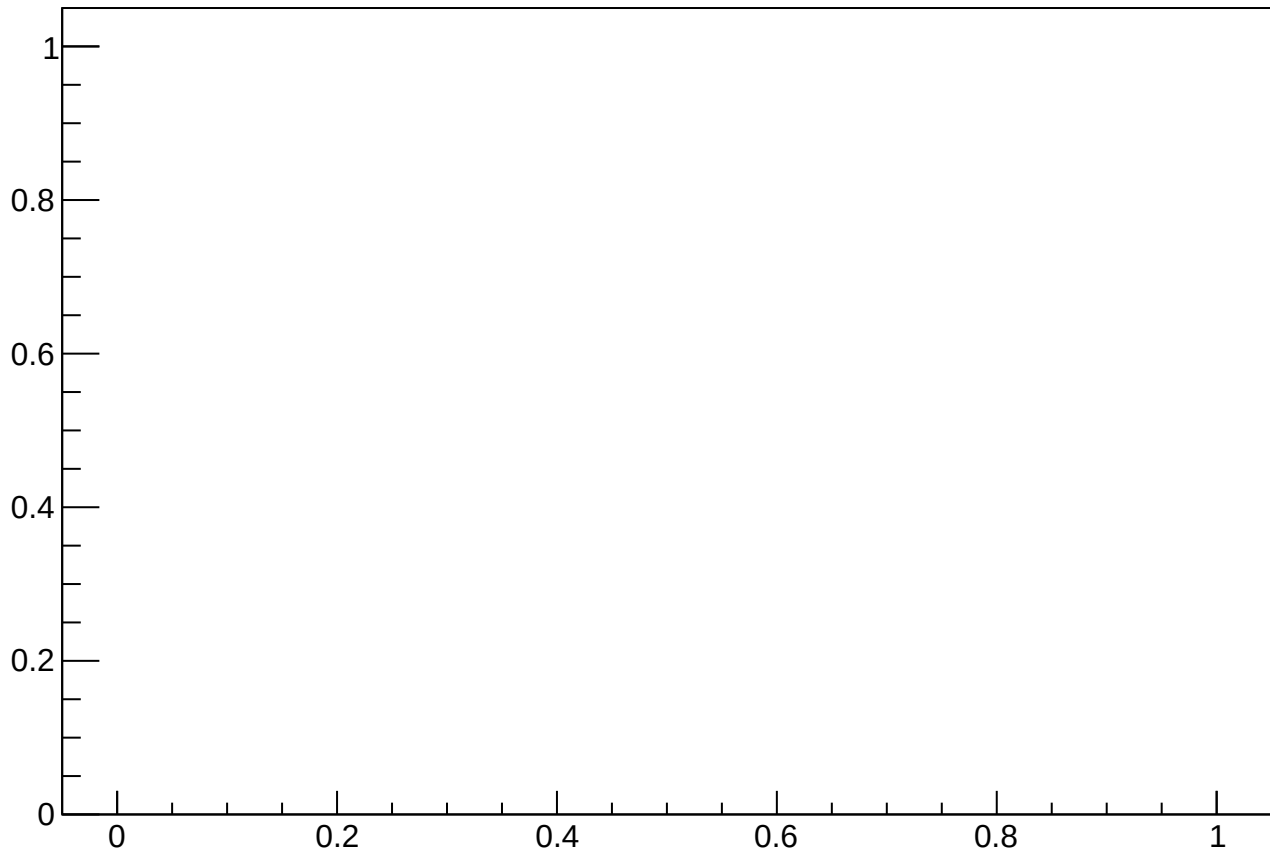
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

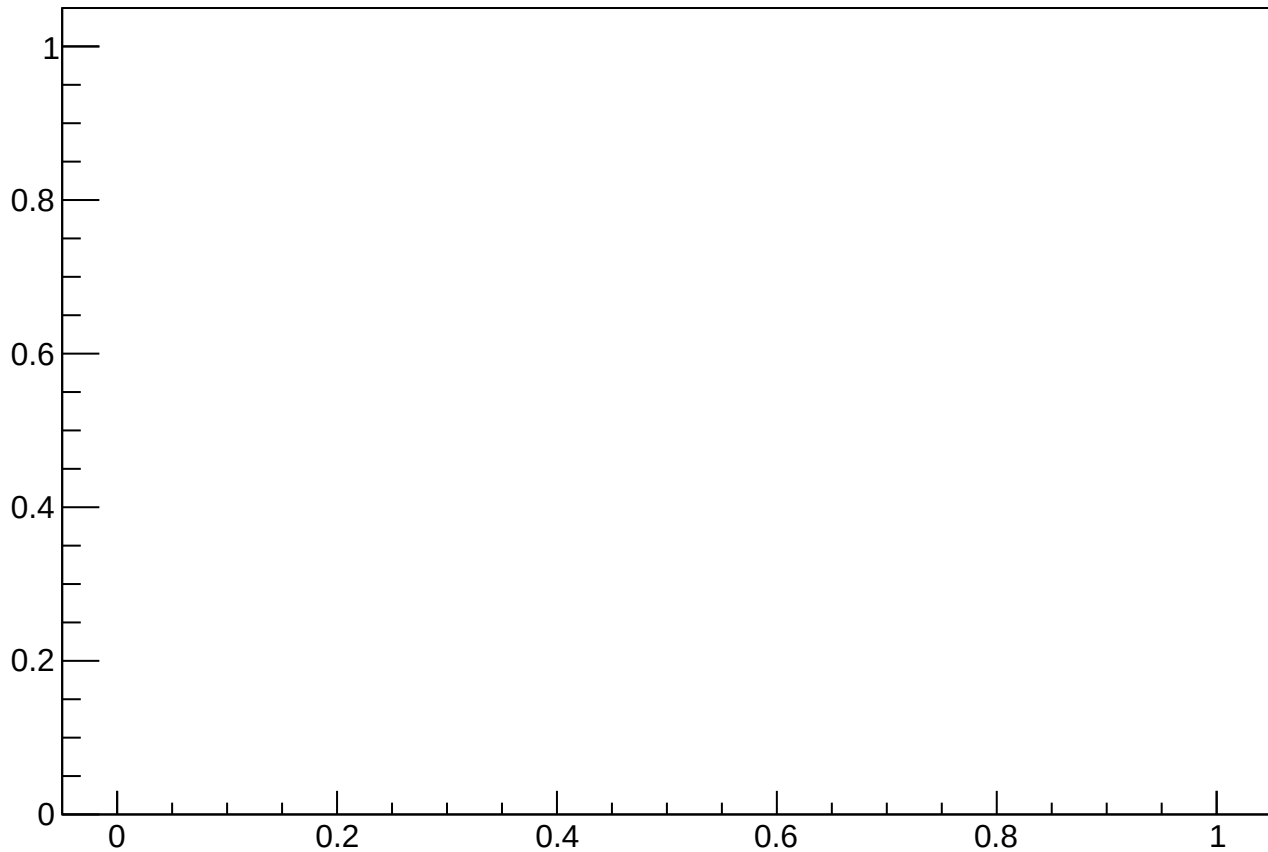
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

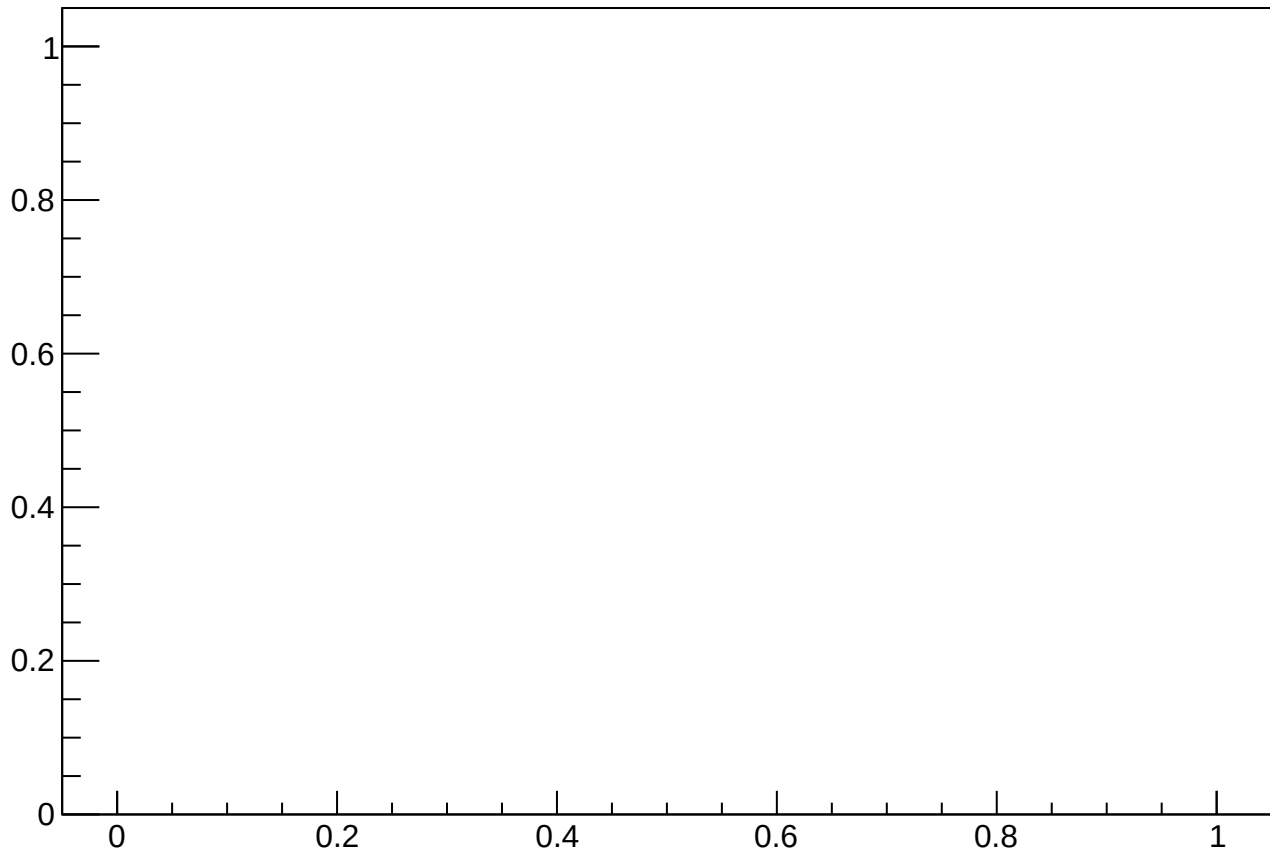
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

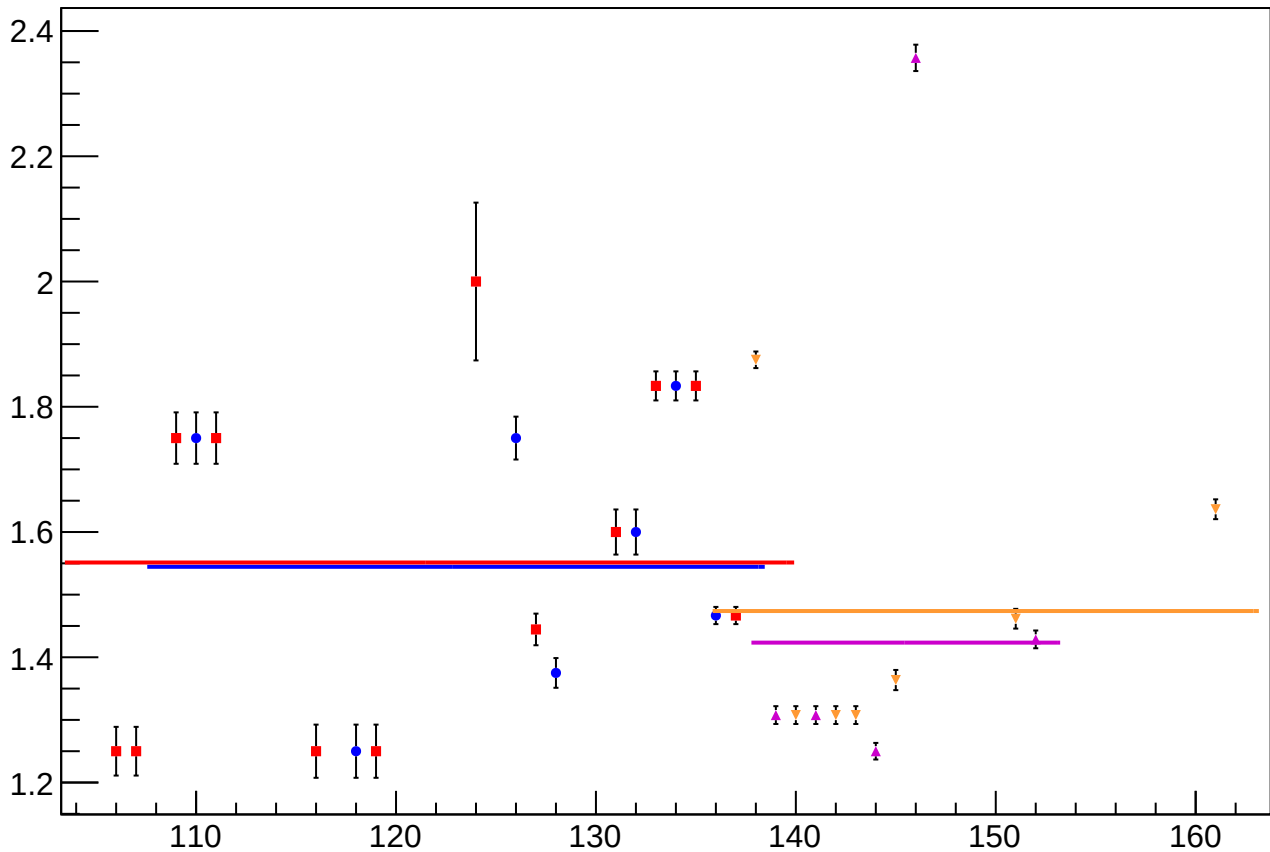
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.474 $\pm$ 0.006 χ^2/NDF :1480.3/6

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2/NDF :2269.8/4

Left: 1.453 $\pm$ 0.004 χ^2/NDF : 3784.2/11

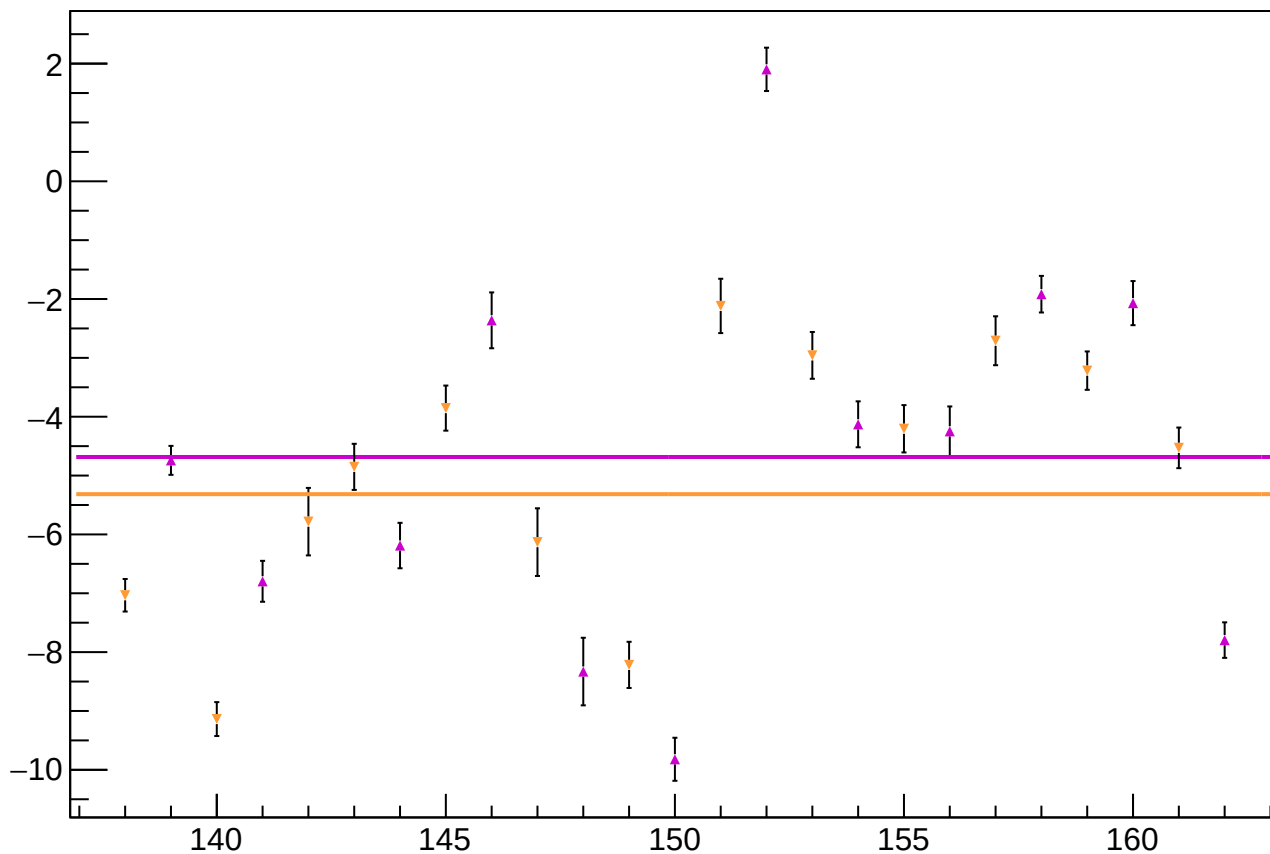
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.464 $\pm$ 0.005 χ^2/NDF :2732.9/11

Out: 1.498 $\pm$ 0.005 χ^2/NDF :2175.6/18

All: 1.484 $\pm$ 0.003 χ^2/NDF : 4931.5/30

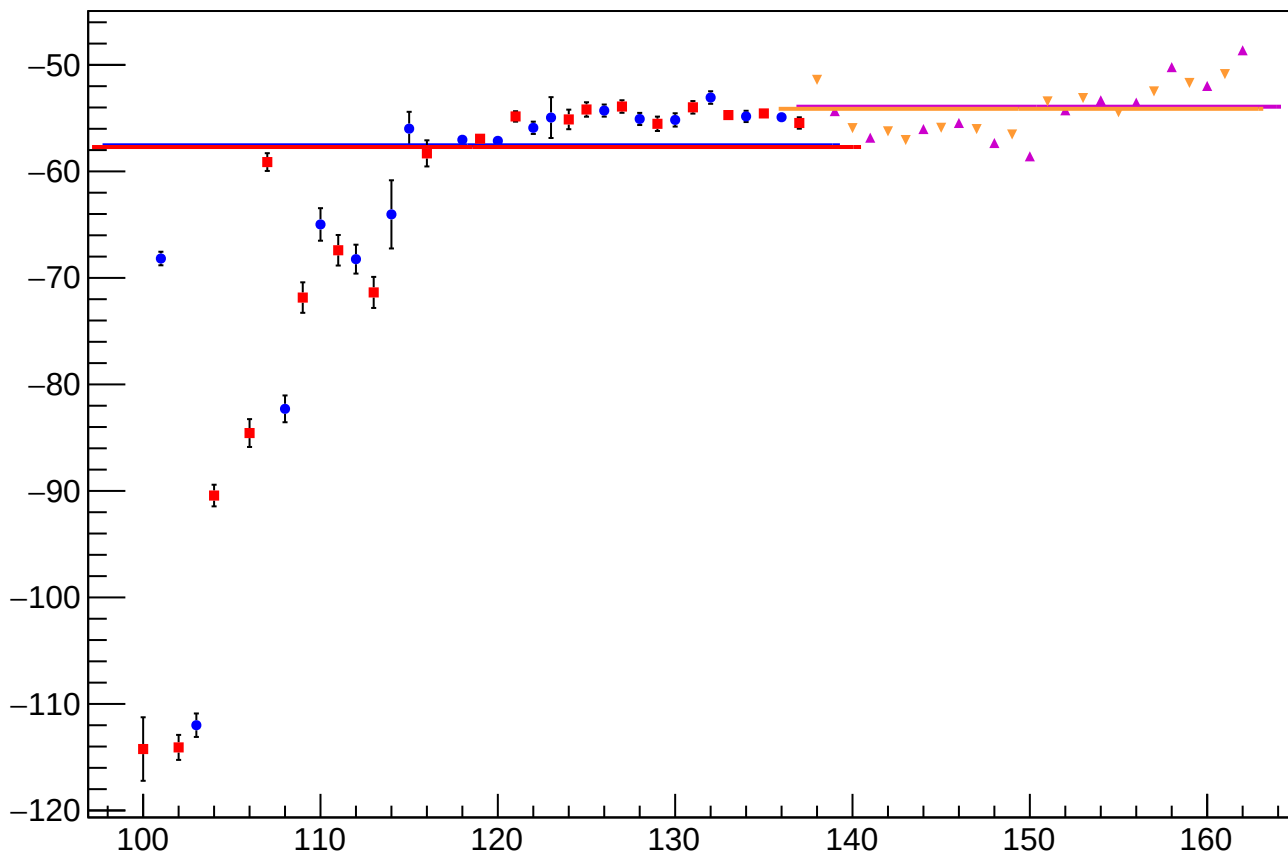
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.316 $\pm$ 0.104 χ^2/NDF :464.7/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -4.684 $\pm$ 0.103 χ^2/NDF :870.7/11

Left: -4.996 $\pm$ 0.073 χ^2/NDF : 1353.9/24
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -4.684 $\pm$ 0.103 χ^2/NDF :870.7/11
 Out: -5.316 $\pm$ 0.104 χ^2/NDF :464.7/12
 All: -4.996 $\pm$ 0.073 χ^2/NDF : 1353.9/24

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -54.125 $\pm$ 0.076 χ^2 /NDF: 790.7/12

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -53.926 $\pm$ 0.078 χ^2 /NDF: 1544.3/11

Left: -54.027 $\pm$ 0.054 χ^2 /NDF: 2338.3/24

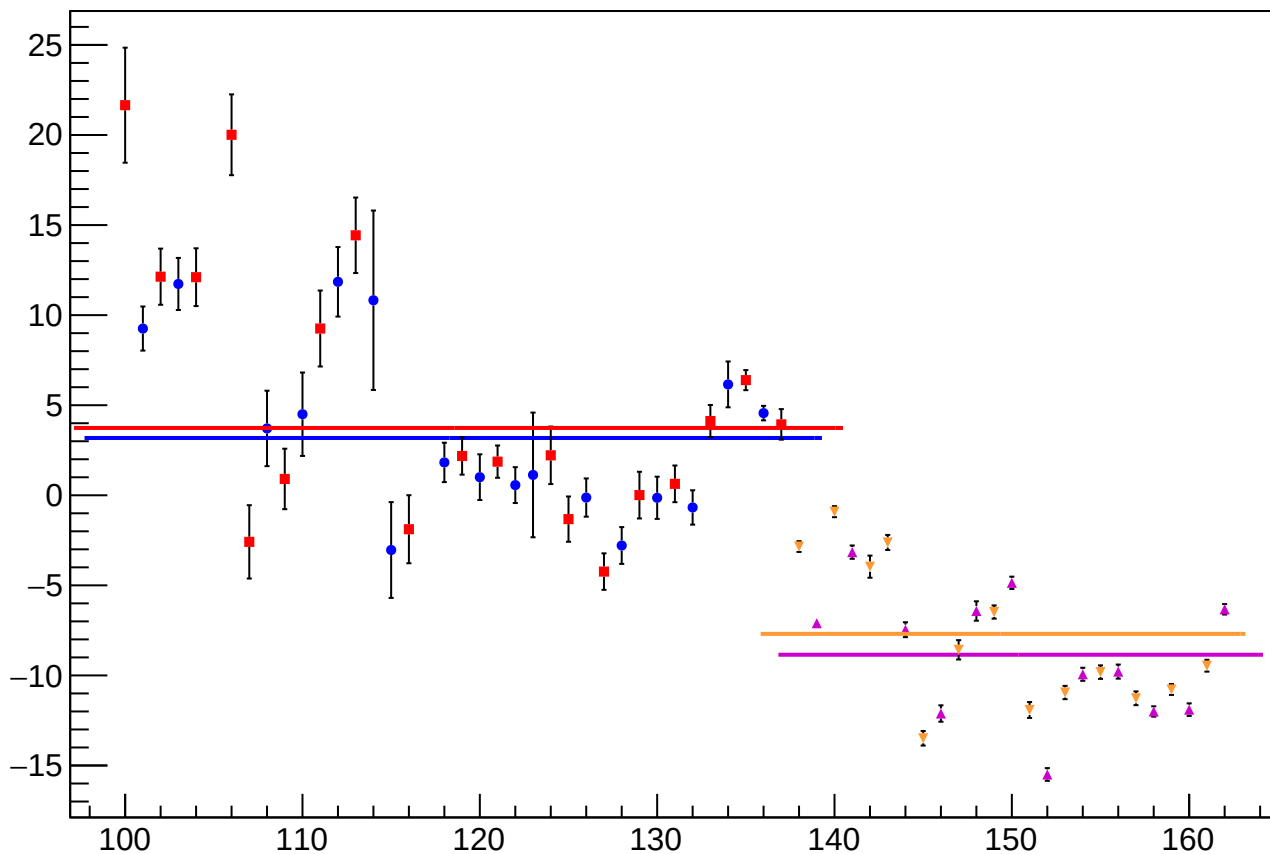
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -54.765 $\pm$ 0.068 χ^2 /NDF: 5507.9/28

Out: -54.920 $\pm$ 0.067 χ^2 /NDF: 5985.5/31

All: -54.843 $\pm$ 0.048 χ^2 /NDF: 11496.0/60

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181+/-0.258 χ^2/NDF : 185.2/16

Left Out: -7.693+/-0.103 χ^2/NDF :1574.9/12

Right Out: 3.738+/-0.267 χ^2/NDF : 320.9/18

Left In: -8.851+/-0.101 χ^2/NDF :1142.0/11

Left: -8.287+/-0.072 χ^2/NDF : 2781.4/24

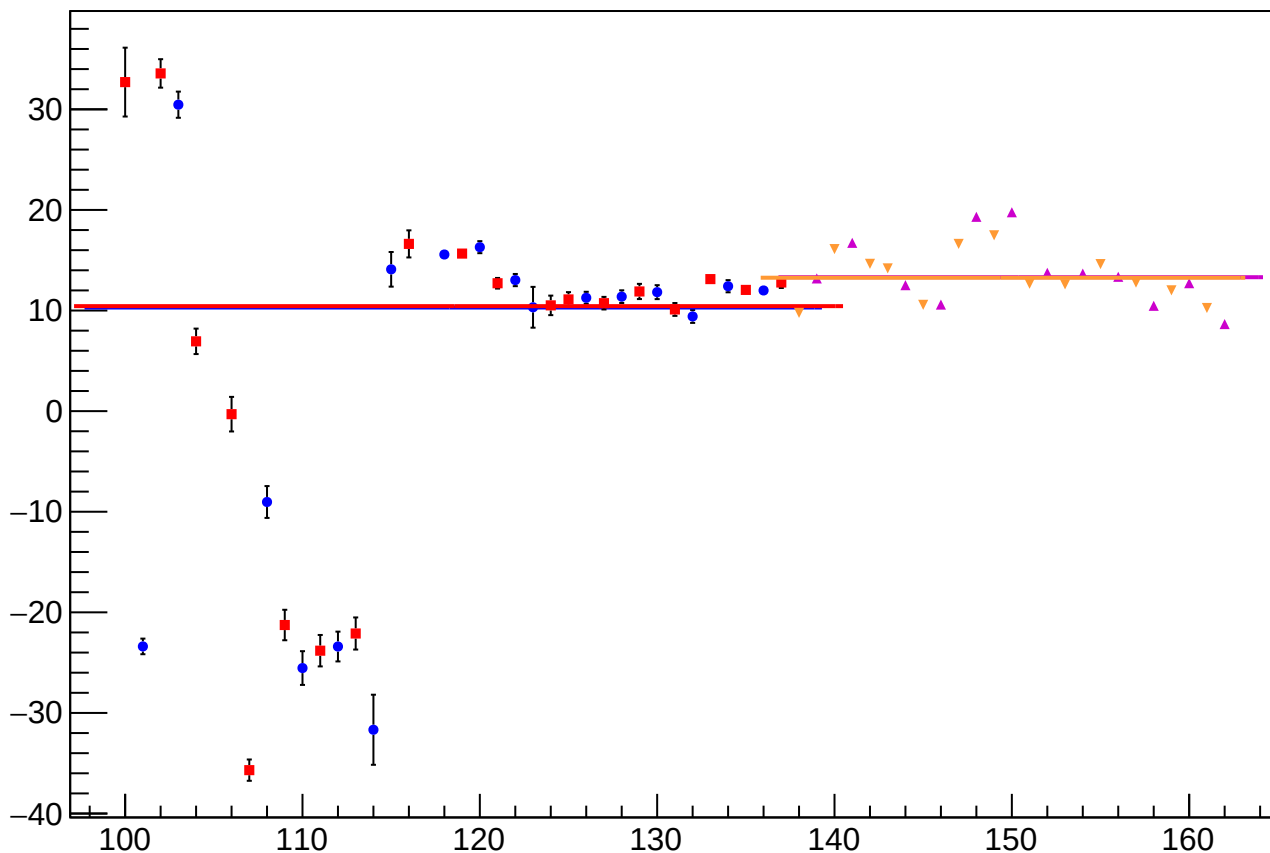
Right: 3.450+/-0.186 χ^2/NDF : 508.4/35

In: -7.258+/-0.094 χ^2/NDF :3214.5/28

Out: -6.203+/-0.096 χ^2/NDF :3490.7/31

All: -6.745+/-0.067 χ^2/NDF : 6766.7/60

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.262+/-0.088 χ^2/NDF : 725.0/12

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 13.313+/-0.088 χ^2/NDF : 1424.6/11

Left: 13.288+/-0.062 χ^2/NDF : 2149.7/24

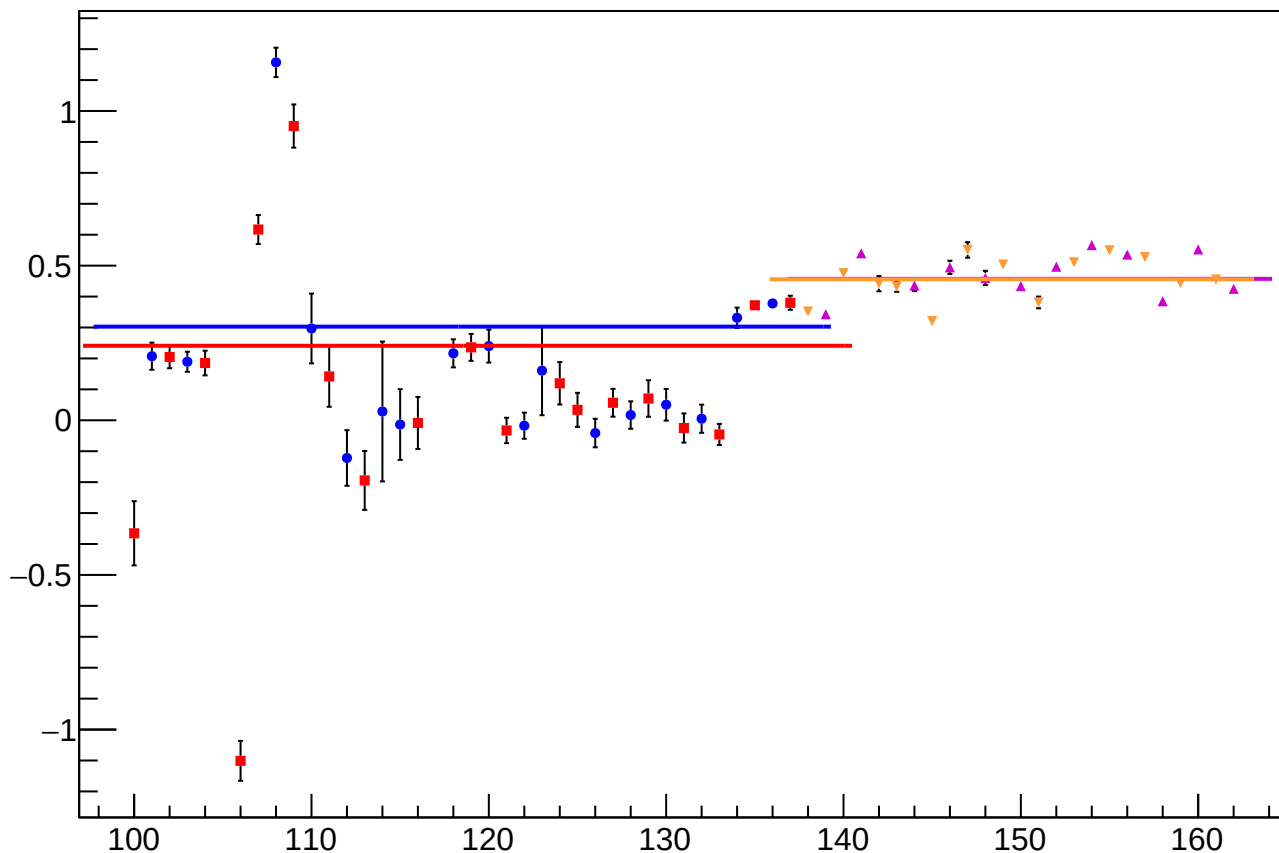
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 12.591+/-0.077 χ^2/NDF : 5403.9/28

Out: 12.603+/-0.077 χ^2/NDF : 4793.7/31

All: 12.597+/-0.054 χ^2/NDF : 10197.6/60

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF : 647.2/16

Left Out: 0.456+/-0.004 χ^2/NDF : 299.9/12

Right Out: 0.241+/-0.008 χ^2/NDF : 988.9/18

Left In: 0.457+/-0.004 χ^2/NDF : 417.2/11

Left: 0.457+/-0.003 χ^2/NDF : 717.1/24

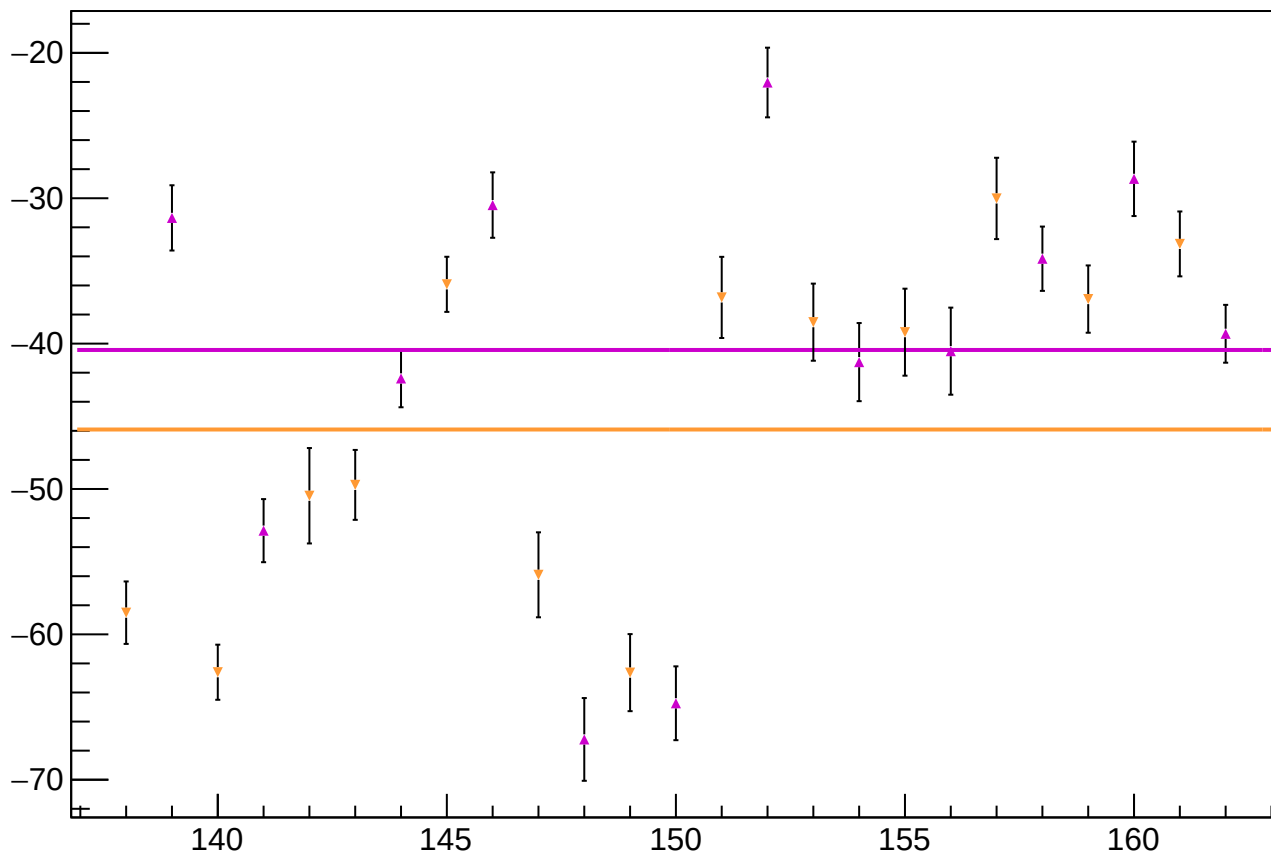
Right: 0.273+/-0.006 χ^2/NDF : 1663.5/35

In: 0.430+/-0.003 χ^2/NDF : 1356.0/28

Out: 0.417+/-0.004 χ^2/NDF : 1815.3/31

All: 0.424+/-0.002 χ^2/NDF : 3177.2/60

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.909+/-0.675 χ^2/NDF :299.1/12

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: -43.186+/-0.478 χ^2/NDF : 670.3/24

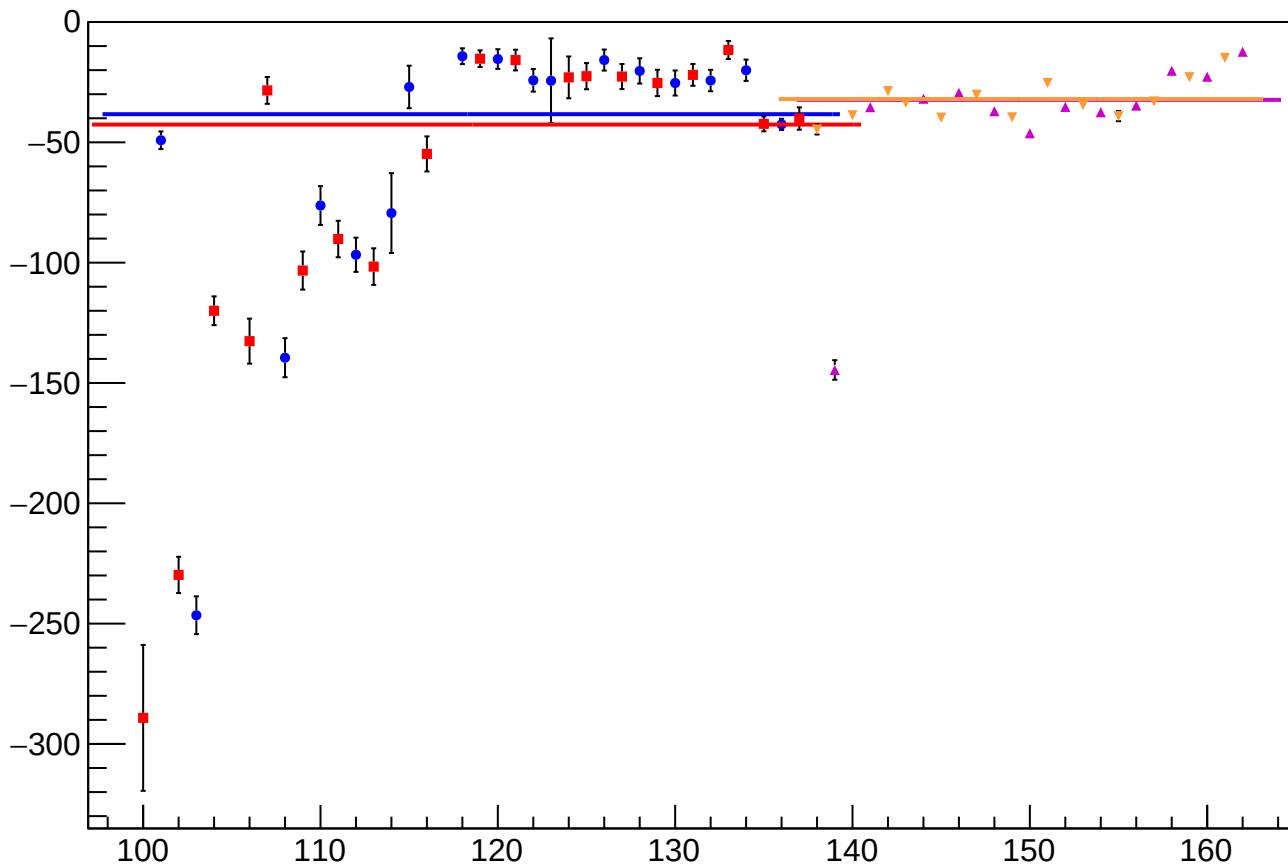
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.437+/-0.678 χ^2/NDF :338.5/11

Out: -45.909+/-0.675 χ^2/NDF :299.1/12

All: -43.186+/-0.478 χ^2/NDF : 670.3/24

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -32.020 ± 0.472 $\chi^2/\text{NDF}: 287.2/12$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -32.352 ± 0.478 $\chi^2/\text{NDF}: 1110.8/11$

Left: -32.184 ± 0.336 $\chi^2/\text{NDF}: 1398.3/24$

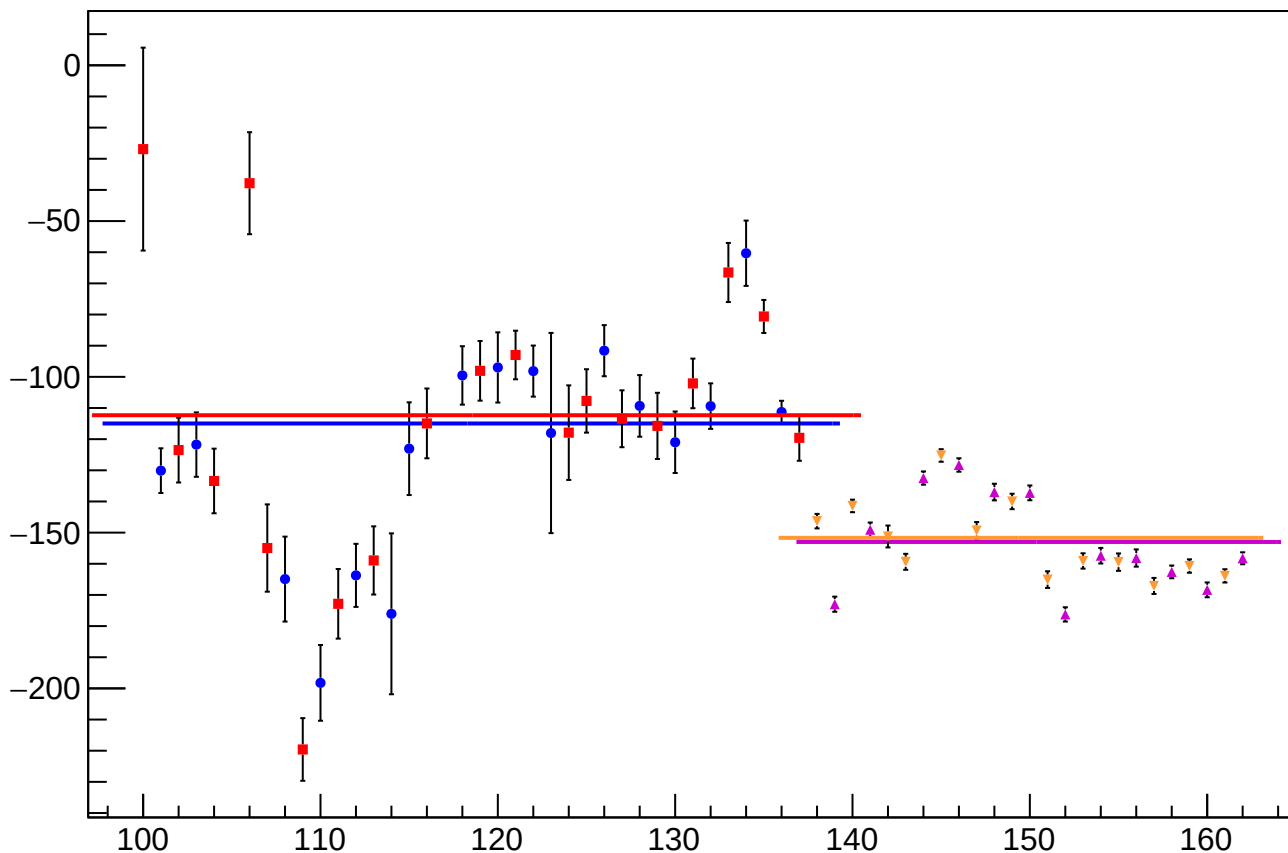
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -33.245 ± 0.441 $\chi^2/\text{NDF}: 2266.8/28$

Out: -33.422 ± 0.439 $\chi^2/\text{NDF}: 1698.4/31$

All: -33.334 ± 0.311 $\chi^2/\text{NDF}: 3965.3/60$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -151.675 $\pm$ 0.670 χ^2 /NDF:363.3/12

Right Out: -112.320 $\pm$ 2.205 χ^2 /NDF: 274.0/18

Left In: -152.998 $\pm$ 0.662 χ^2 /NDF:555.6/11

Left: -152.344 $\pm$ 0.471 χ^2 /NDF: 920.8/24

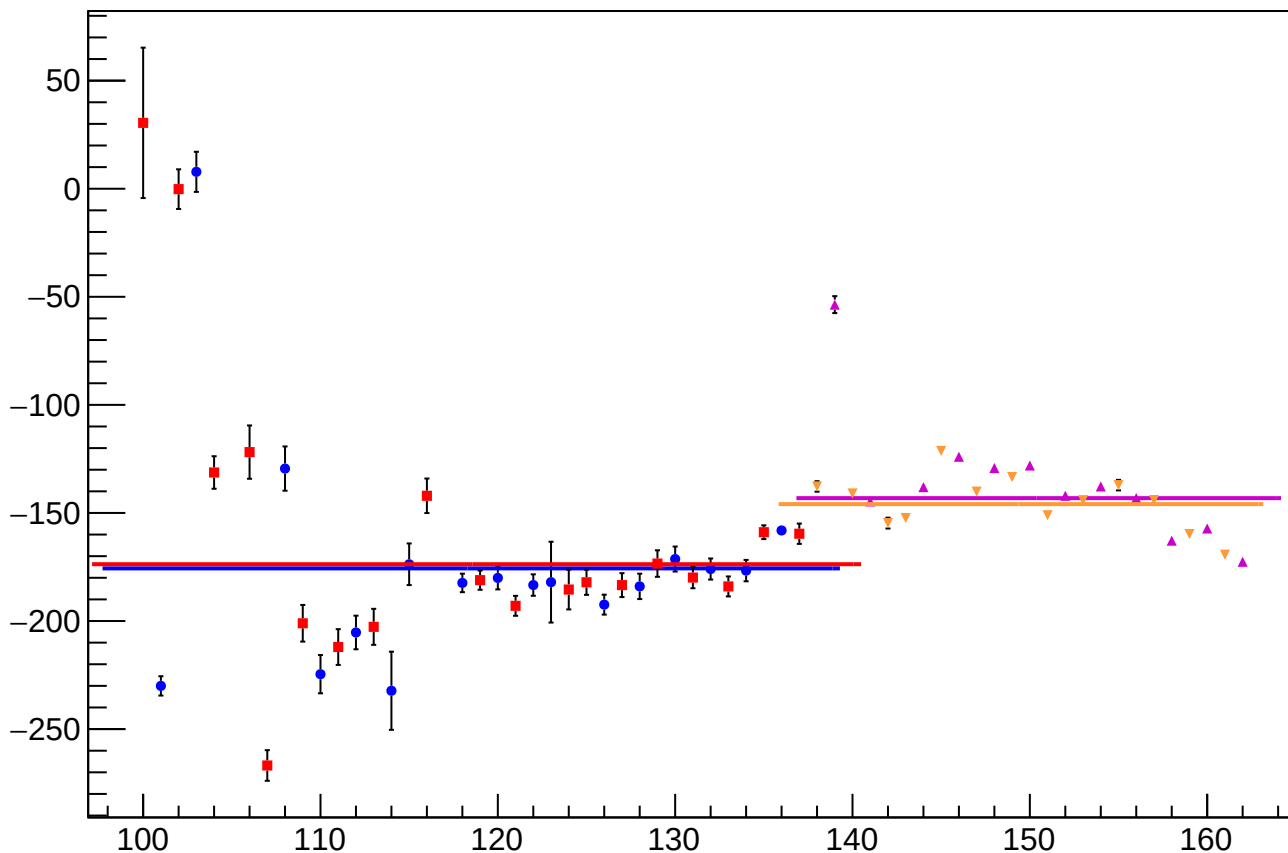
Right: -113.725 $\pm$ 1.511 χ^2 /NDF: 416.2/35

In: -149.482 $\pm$ 0.631 χ^2 /NDF:1002.0/28

Out: -148.347 $\pm$ 0.641 χ^2 /NDF:928.8/31

All: -148.924 $\pm$ 0.450 χ^2 /NDF: 1932.4/60

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.919 ± 0.556 χ^2/NDF : 567.2/12

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -143.156 ± 0.556 χ^2/NDF : 1292.0/11

Left: -144.538 ± 0.393 χ^2/NDF : 1871.5/24

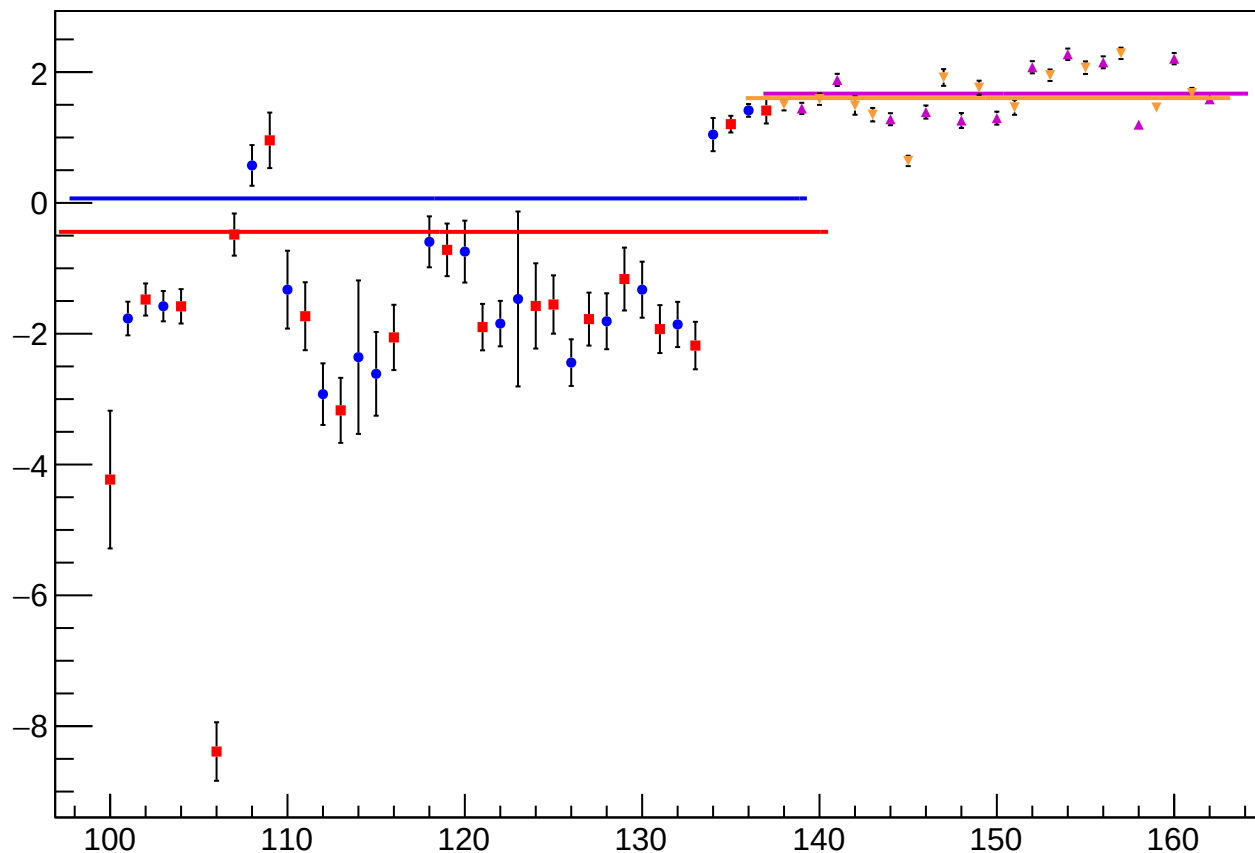
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -148.392 ± 0.509 χ^2/NDF : 2534.0/28

Out: -149.926 ± 0.514 χ^2/NDF : 1665.7/31

All: -149.152 ± 0.362 χ^2/NDF : 4204.2/60

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.602 ± 0.026 $\chi^2/\text{NDF}: 270.4/12$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.671 ± 0.026 $\chi^2/\text{NDF}: 239.3/11$

Left: 1.637 ± 0.018 $\chi^2/\text{NDF}: 513.2/24$

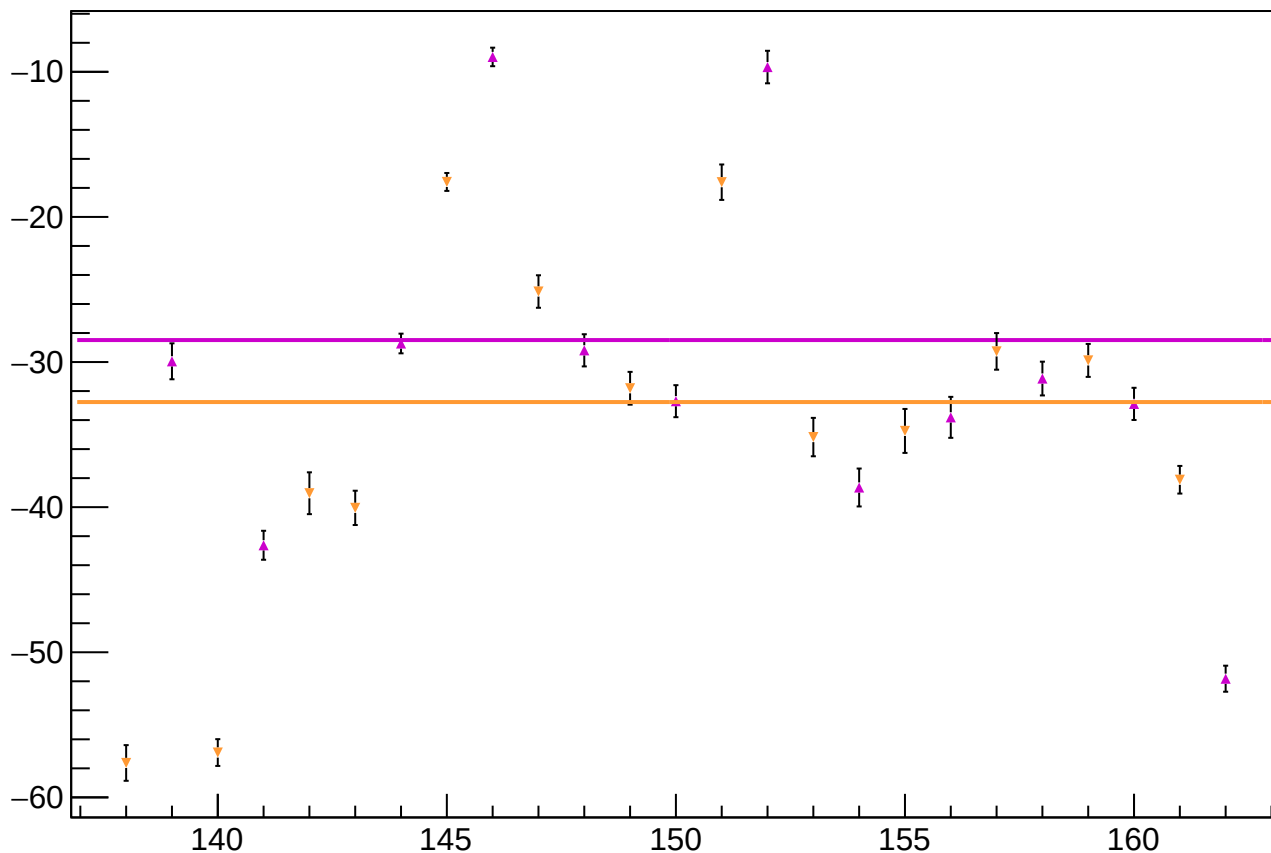
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.464 ± 0.024 $\chi^2/\text{NDF}: 1263.2/28$

Out: 1.359 ± 0.024 $\chi^2/\text{NDF}: 1755.1/31$

All: 1.412 ± 0.017 $\chi^2/\text{NDF}: 3027.6/60$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.757+/-0.296 χ^2/NDF :2007.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Left: -30.517+/-0.204 χ^2/NDF : 4320.7/24

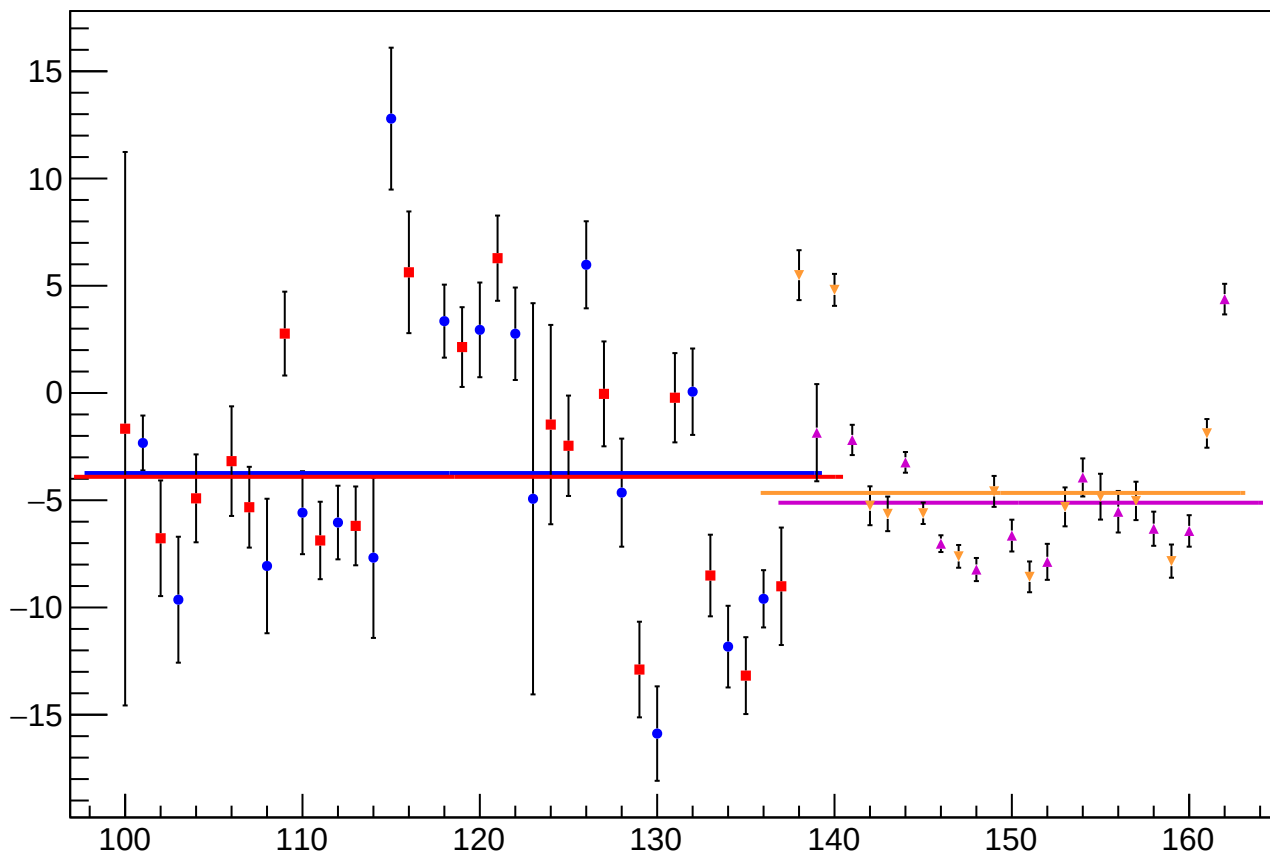
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Out: -32.757+/-0.296 χ^2/NDF :2007.4/12

All: -30.517+/-0.204 χ^2/NDF : 4320.7/24

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.659 ± 0.204 χ^2/NDF : 338.6/12

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.116 ± 0.191 χ^2/NDF : 291.3/11

Left: -4.903 ± 0.139 χ^2/NDF : 632.5/24

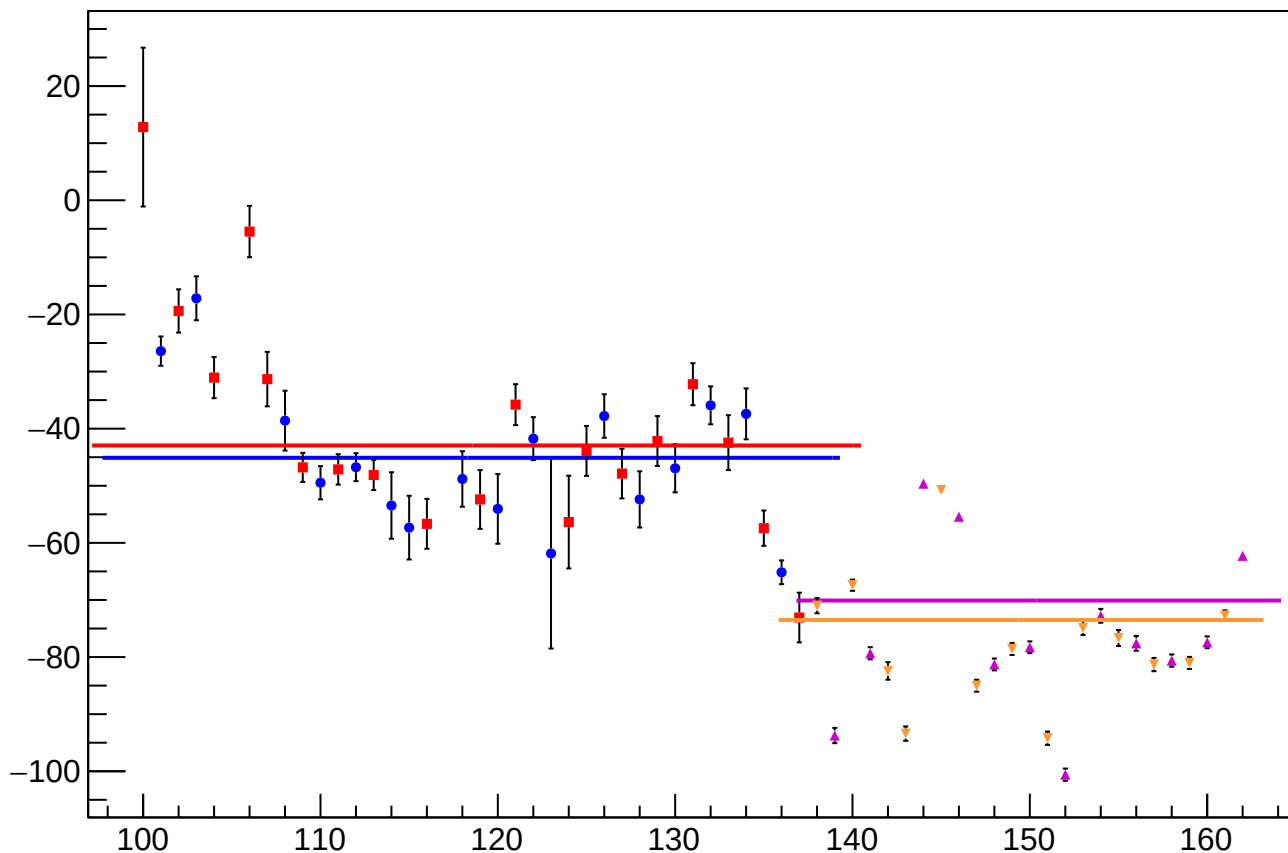
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -4.937 ± 0.178 χ^2/NDF : 463.9/28

Out: -4.554 ± 0.189 χ^2/NDF : 465.3/31

All: -4.757 ± 0.130 χ^2/NDF : 931.3/60

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.501 ± 0.294 χ^2/NDF : 2091.1/12

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -70.098 ± 0.276 χ^2/NDF : 3006.5/11

Left: -71.688 ± 0.201 χ^2/NDF : 5168.7/24

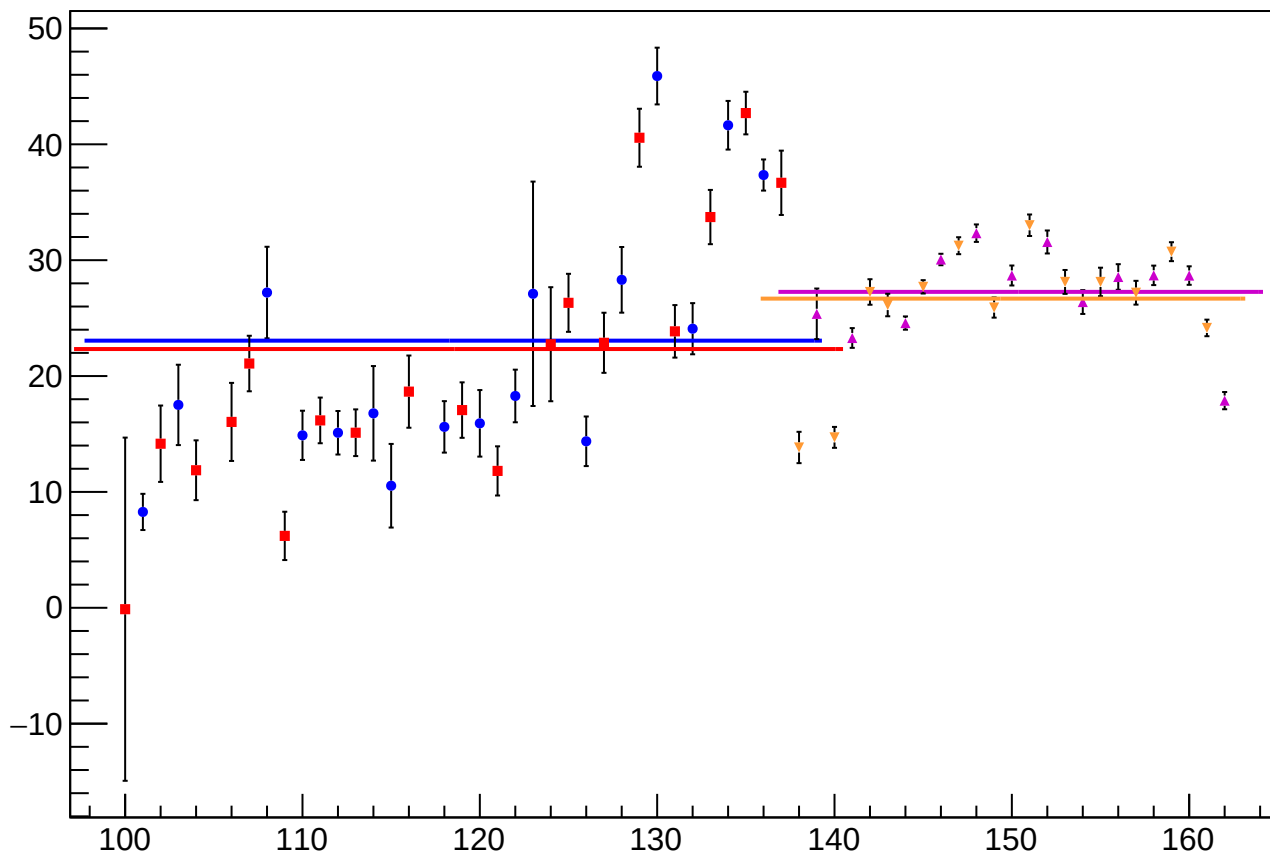
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -67.873 ± 0.263 χ^2/NDF : 3967.8/28

Out: -70.407 ± 0.279 χ^2/NDF : 3430.2/31

All: -69.066 ± 0.192 χ^2/NDF : 7441.5/60

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 26.683+/-0.242 χ^2/NDF : 396.9/12

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 27.265+/-0.227 χ^2/NDF : 310.4/11

Left: 26.993+/-0.166 χ^2/NDF : 710.4/24

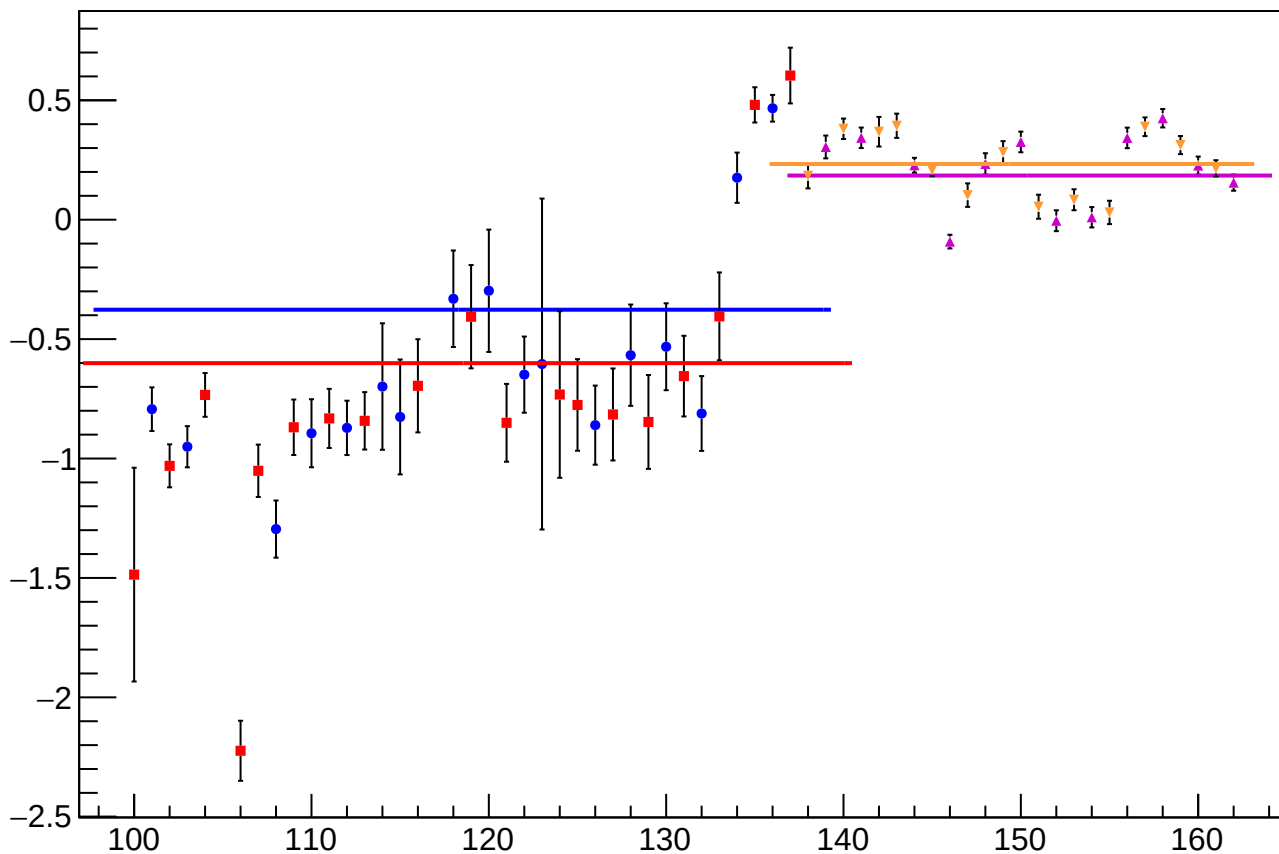
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 26.665+/-0.210 χ^2/NDF : 820.5/28

Out: 26.021+/-0.223 χ^2/NDF : 817.0/31

All: 26.362+/-0.153 χ^2/NDF : 1641.9/60

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.233 ± 0.012 χ^2/NDF : 98.6/12

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.185 ± 0.011 χ^2/NDF : 216.3/11

Left: 0.208 ± 0.008 χ^2/NDF : 324.0/24

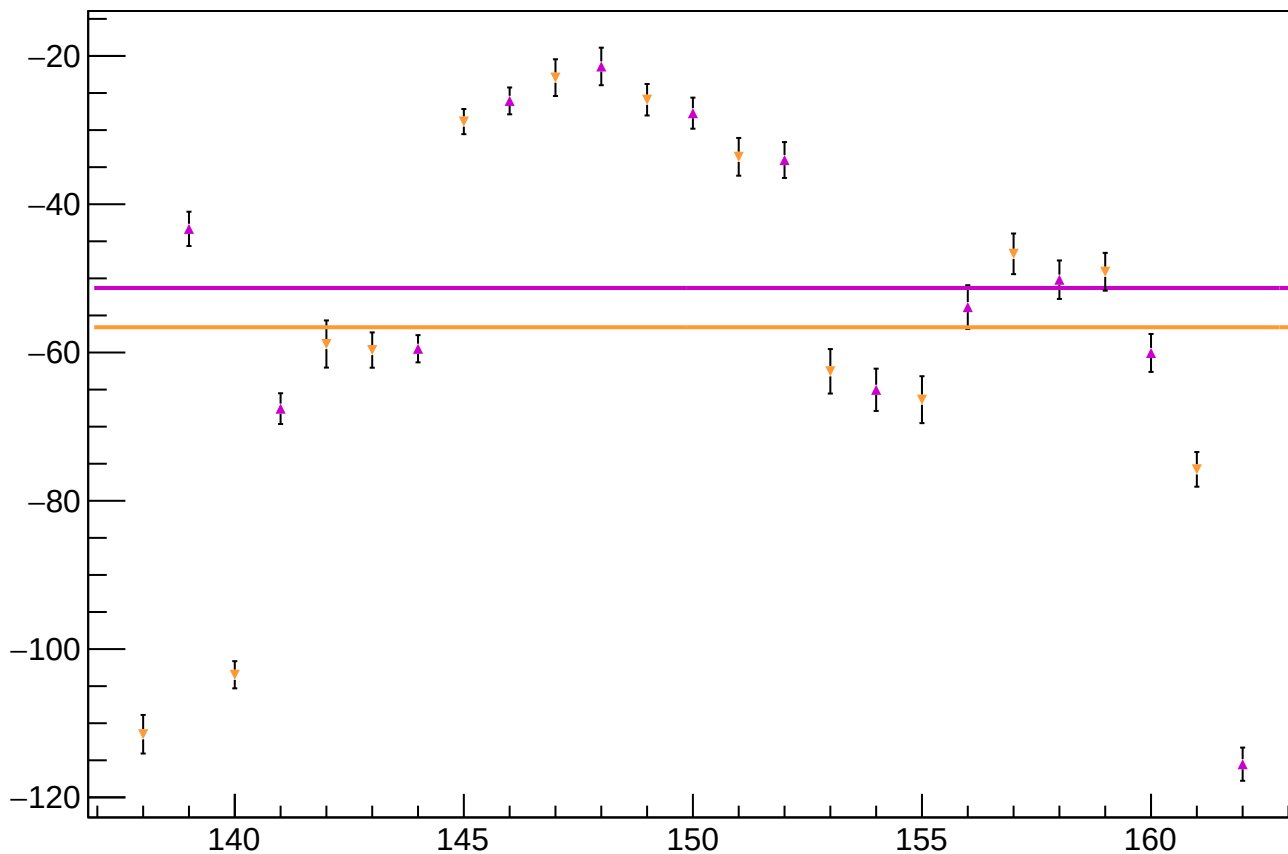
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.118 ± 0.010 χ^2/NDF : 960.3/28

Out: 0.127 ± 0.011 χ^2/NDF : 1319.8/31

All: 0.122 ± 0.007 χ^2/NDF : 2280.5/60

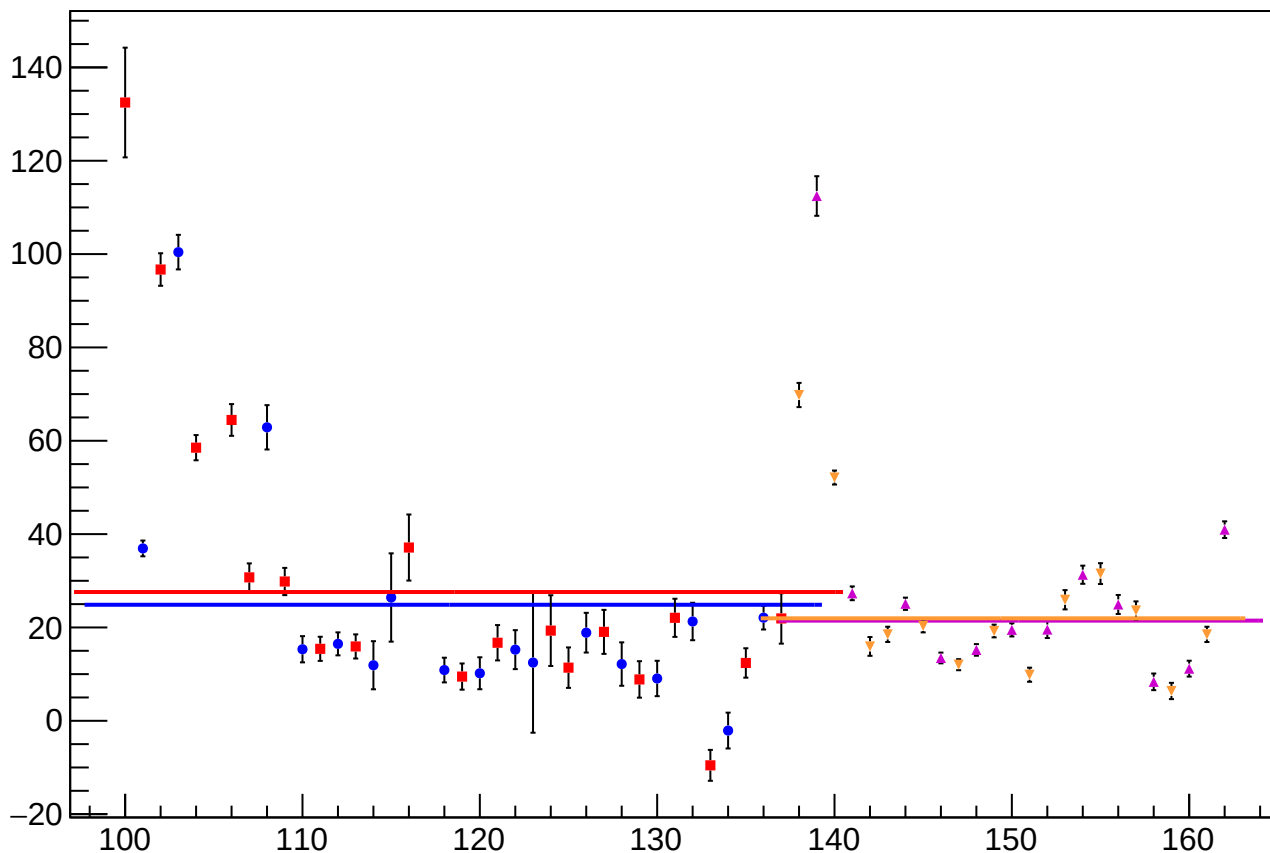
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.593+/-0.661 χ^2/NDF :1945.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -51.296+/-0.657 χ^2/NDF :1462.8/11

Left: -53.929+/-0.466 χ^2/NDF : 3440.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -51.296+/-0.657 χ^2/NDF :1462.8/11
 Out: -56.593+/-0.661 χ^2/NDF :1945.7/12
 All: -53.929+/-0.466 χ^2/NDF : 3440.8/24

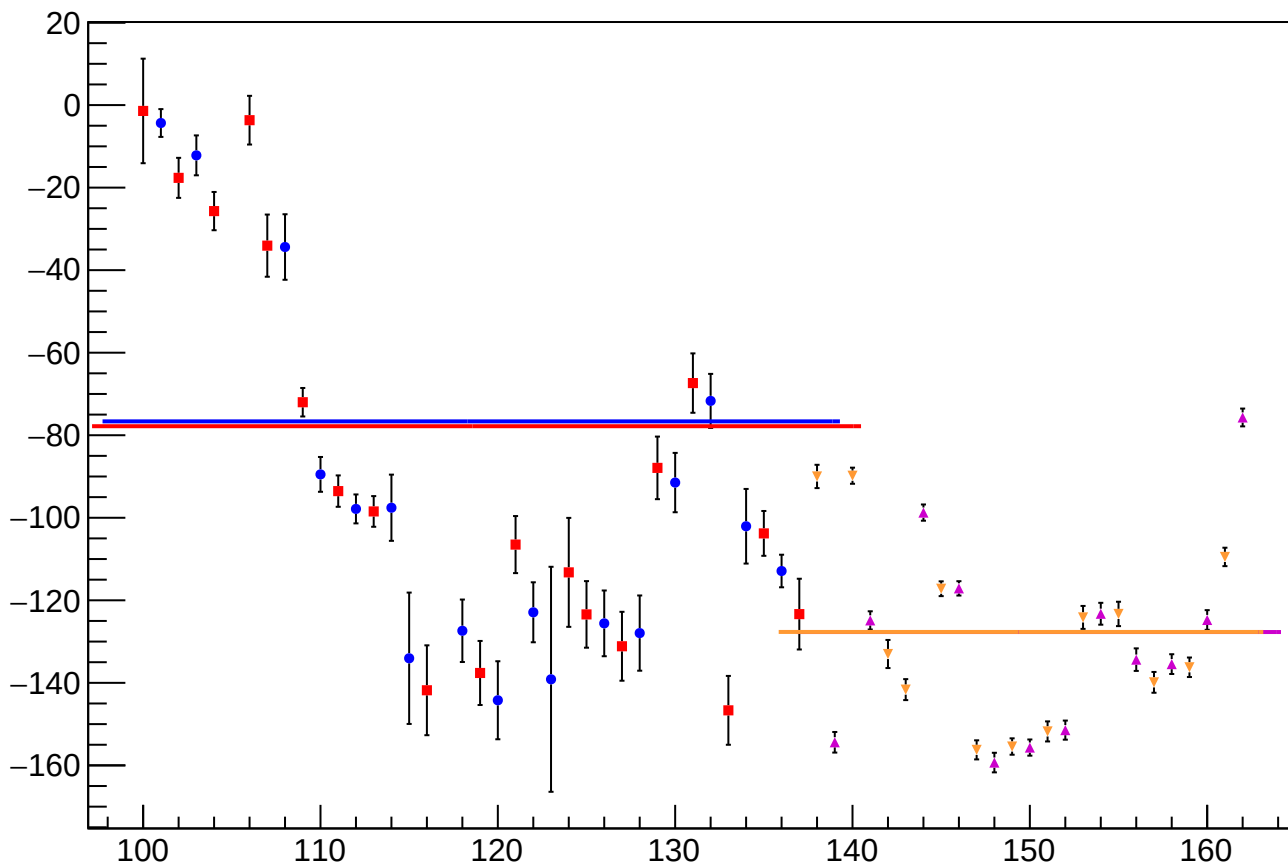
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2/NDF : 691.0/16
 Left Out: 21.958 $\pm$ 0.456 χ^2/NDF :1005.2/12
 Right Out: 27.593 $\pm$ 0.810 χ^2/NDF : 1010.9/18
 Left In: 21.465 $\pm$ 0.458 χ^2/NDF :798.0/11

Left: 21.712 $\pm$ 0.323 χ^2/NDF : 1803.8/24
 Right: 26.215 $\pm$ 0.570 χ^2/NDF : 1707.7/35
 In: 22.300 $\pm$ 0.397 χ^2/NDF :1502.6/28
 Out: 23.314 $\pm$ 0.397 χ^2/NDF :2052.9/31
 All: 22.807 $\pm$ 0.281 χ^2/NDF : 3558.7/60

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -127.666 ± 0.655 $\chi^2/\text{NDF}: 1173.9/12$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -127.688 ± 0.643 $\chi^2/\text{NDF}: 1458.9/11$

Left: -127.678 ± 0.459 $\chi^2/\text{NDF}: 2632.7/24$

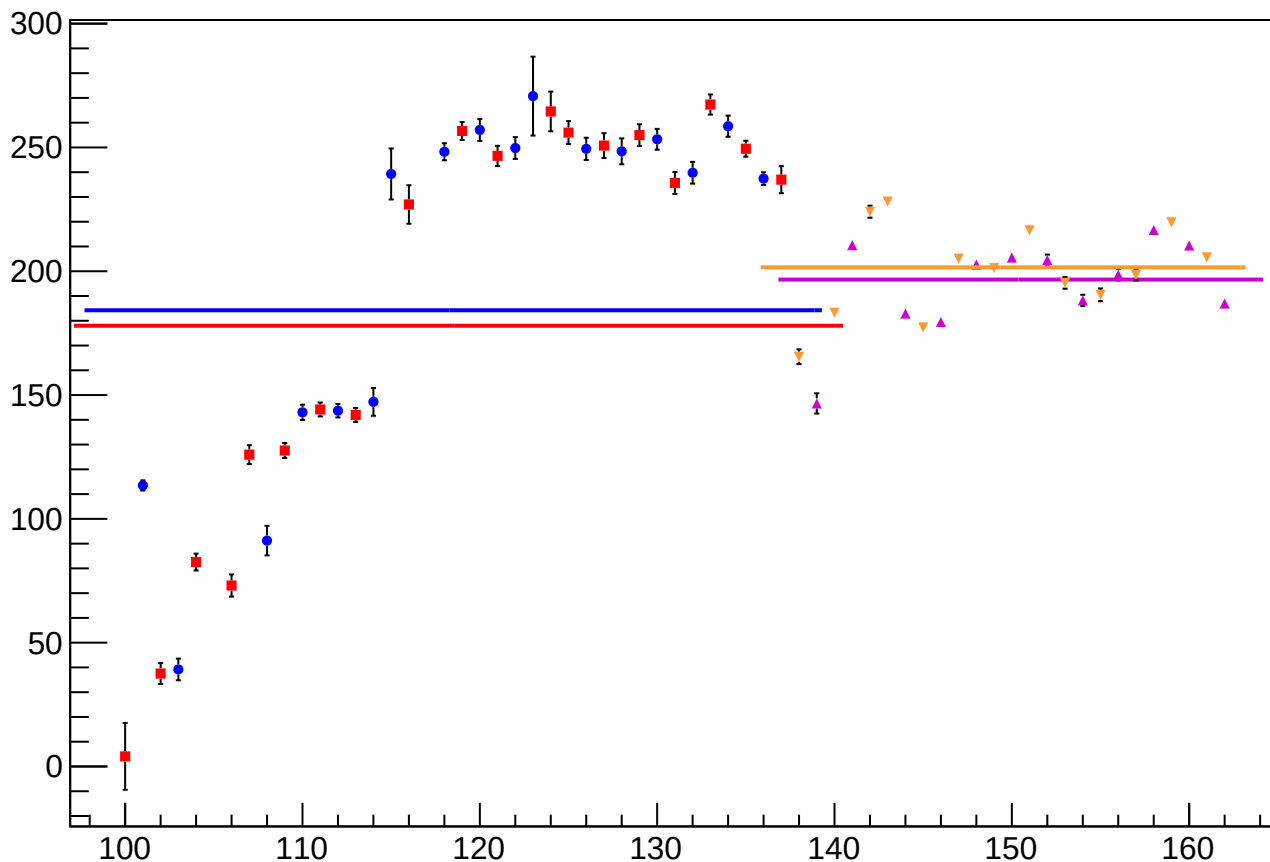
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -118.959 ± 0.585 $\chi^2/\text{NDF}: 3578.8/28$

Out: -118.191 ± 0.589 $\chi^2/\text{NDF}: 3148.1/31$

All: -118.578 ± 0.415 $\chi^2/\text{NDF}: 6727.7/60$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 201.585 $\pm$ 0.542 χ^2 /NDF: 941.6/12

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 196.640 $\pm$ 0.538 χ^2 /NDF: 698.2/11

Left: 199.096 $\pm$ 0.382 χ^2 /NDF: 1681.7/24

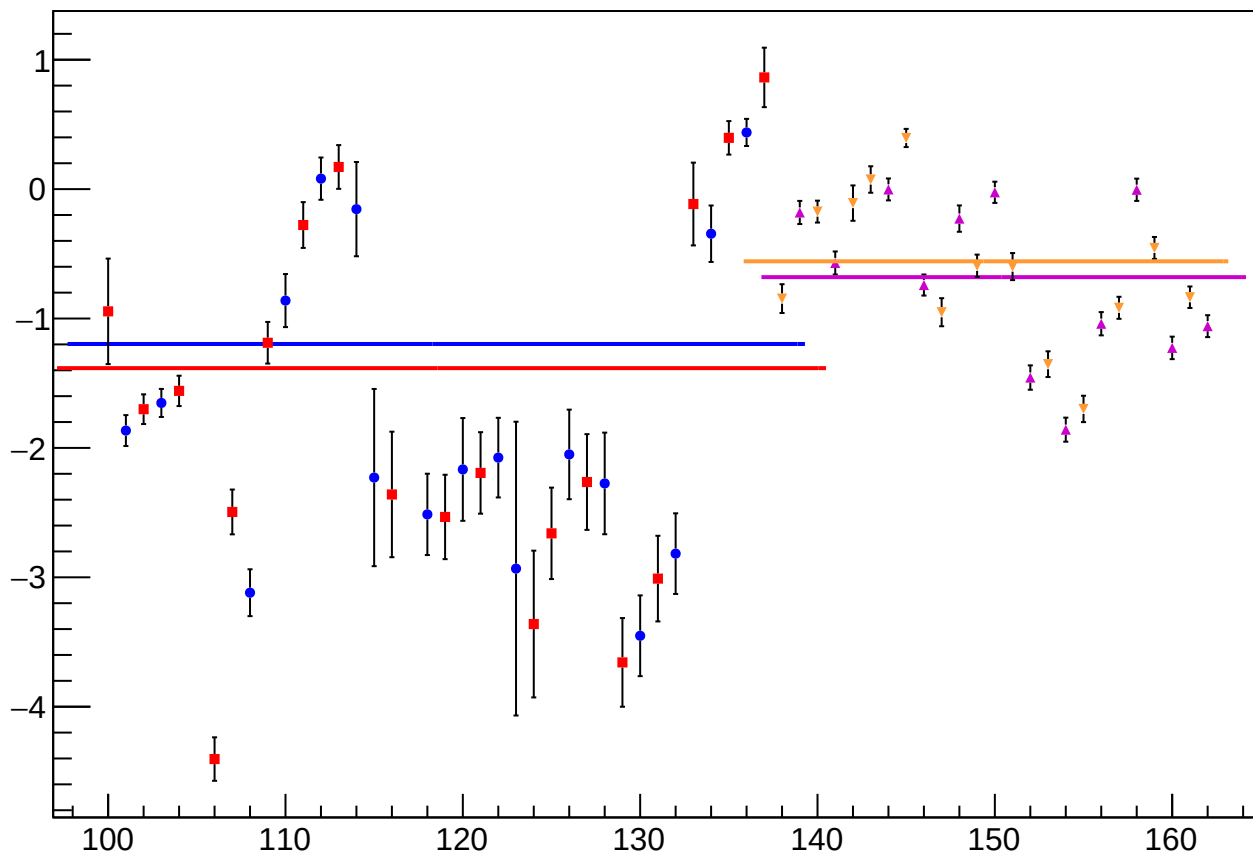
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 193.454 $\pm$ 0.464 χ^2 /NDF: 6223.0/28

Out: 195.545 $\pm$ 0.467 χ^2 /NDF: 7764.6/31

All: 194.492 $\pm$ 0.329 χ^2 /NDF: 13997.7/60

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.558 ± 0.026 χ^2/NDF : 493.1/12

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.680 ± 0.025 χ^2/NDF : 547.1/11

Left: -0.620 ± 0.018 χ^2/NDF : 1051.6/24

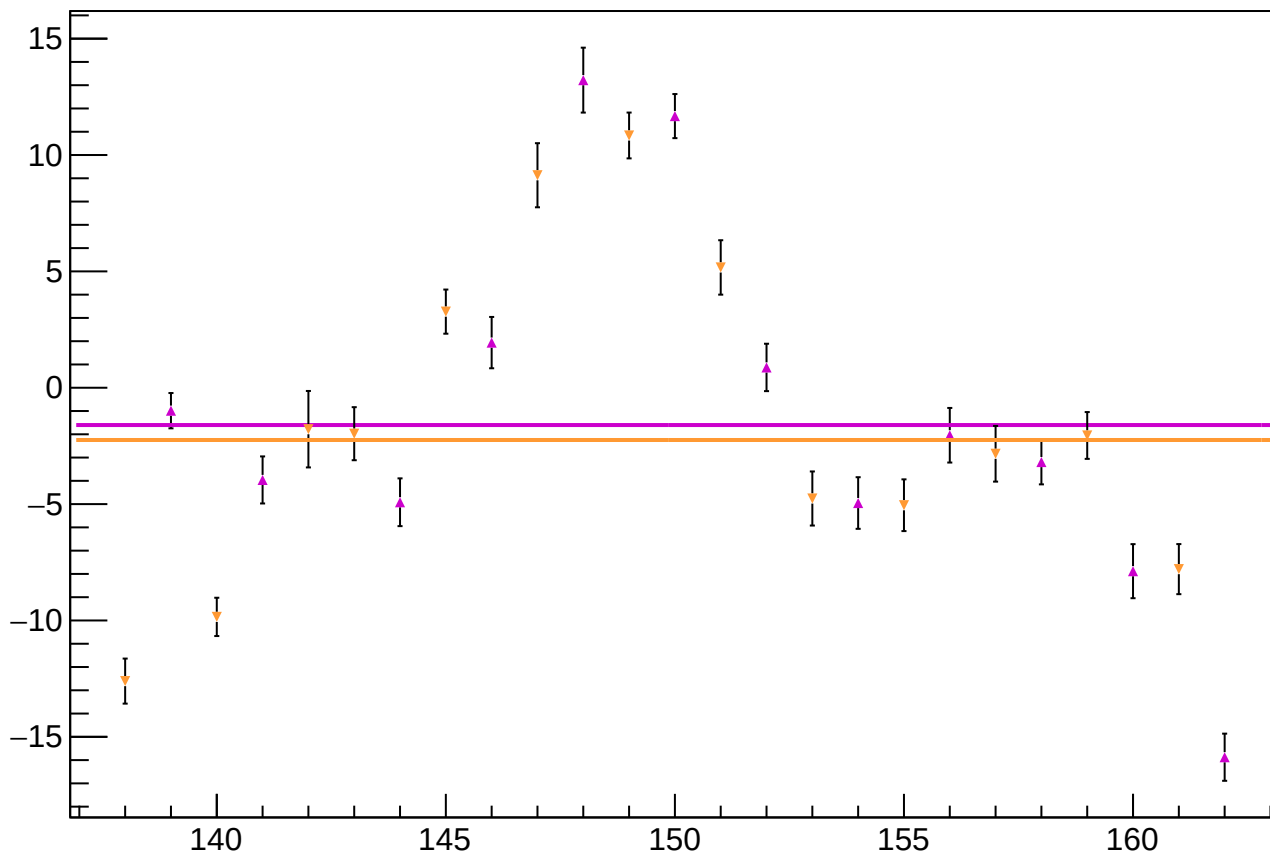
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.793 ± 0.022 χ^2/NDF : 1258.7/28

Out: -0.757 ± 0.022 χ^2/NDF : 1663.4/31

All: -0.775 ± 0.016 χ^2/NDF : 2923.4/60

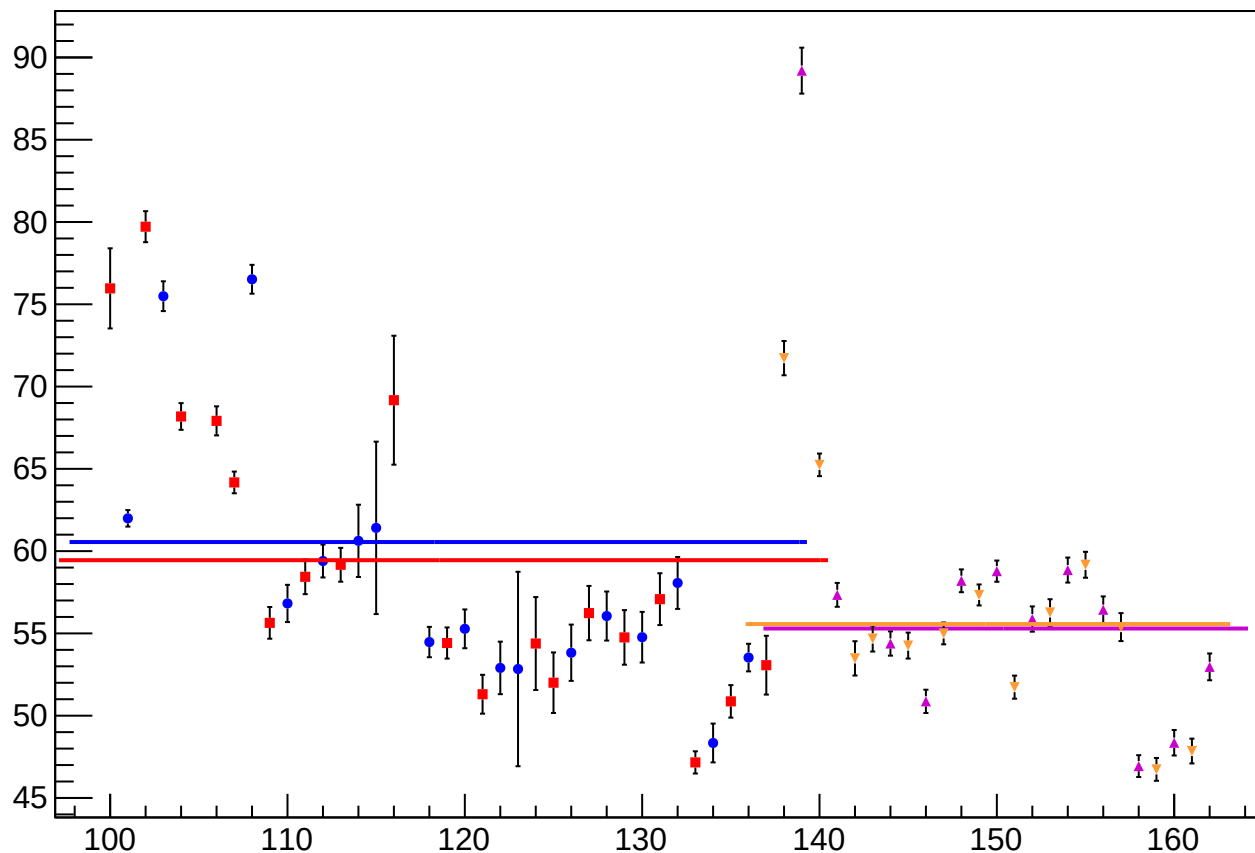
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.245+/-0.299 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: -1.921+/-0.210 χ^2/NDF : 1141.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.603+/-0.296 χ^2/NDF : 581.8/11
 Out: -2.245+/-0.299 χ^2/NDF : 557.0/12
 All: -1.921+/-0.210 χ^2/NDF : 1141.1/24

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 55.568 $\pm$ 0.212 χ^2 /NDF: 774.5/12

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 55.296 $\pm$ 0.218 χ^2 /NDF: 956.8/11

Left: 55.436 $\pm$ 0.152 χ^2 /NDF: 1732.1/24

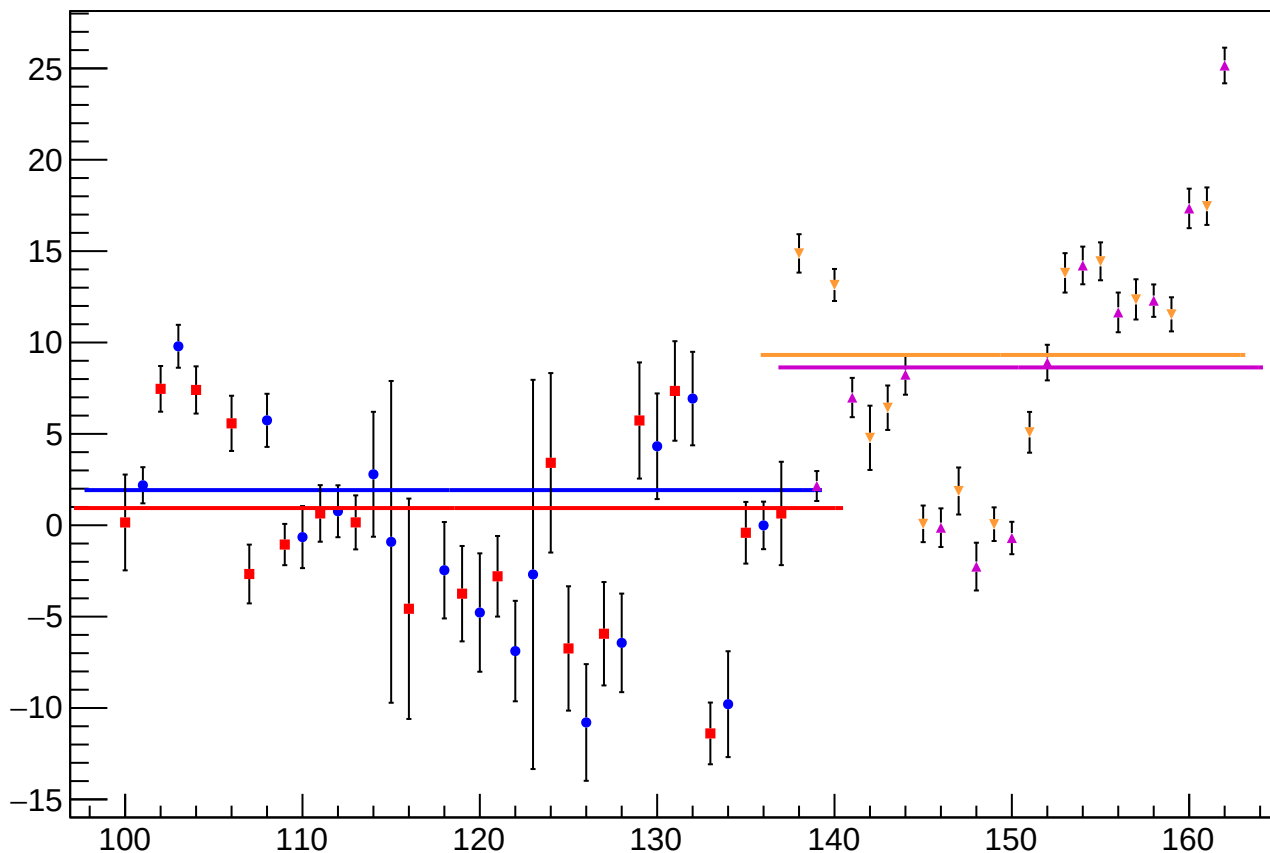
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 57.443 $\pm$ 0.167 χ^2 /NDF: 2126.2/28

Out: 57.206 $\pm$ 0.161 χ^2 /NDF: 2237.7/31

All: 57.320 $\pm$ 0.116 χ^2 /NDF: 4365.0/60

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 $\pm$ 0.458 χ^2 /NDF: 121.1/16

Left Out: 9.319 $\pm$ 0.295 χ^2 /NDF:411.7/12

Right Out: 0.941 $\pm$ 0.424 χ^2 /NDF: 150.2/18

Left In: 8.637 $\pm$ 0.289 χ^2 /NDF:720.2/11

Left: 8.971 $\pm$ 0.206 χ^2 /NDF: 1134.6/24

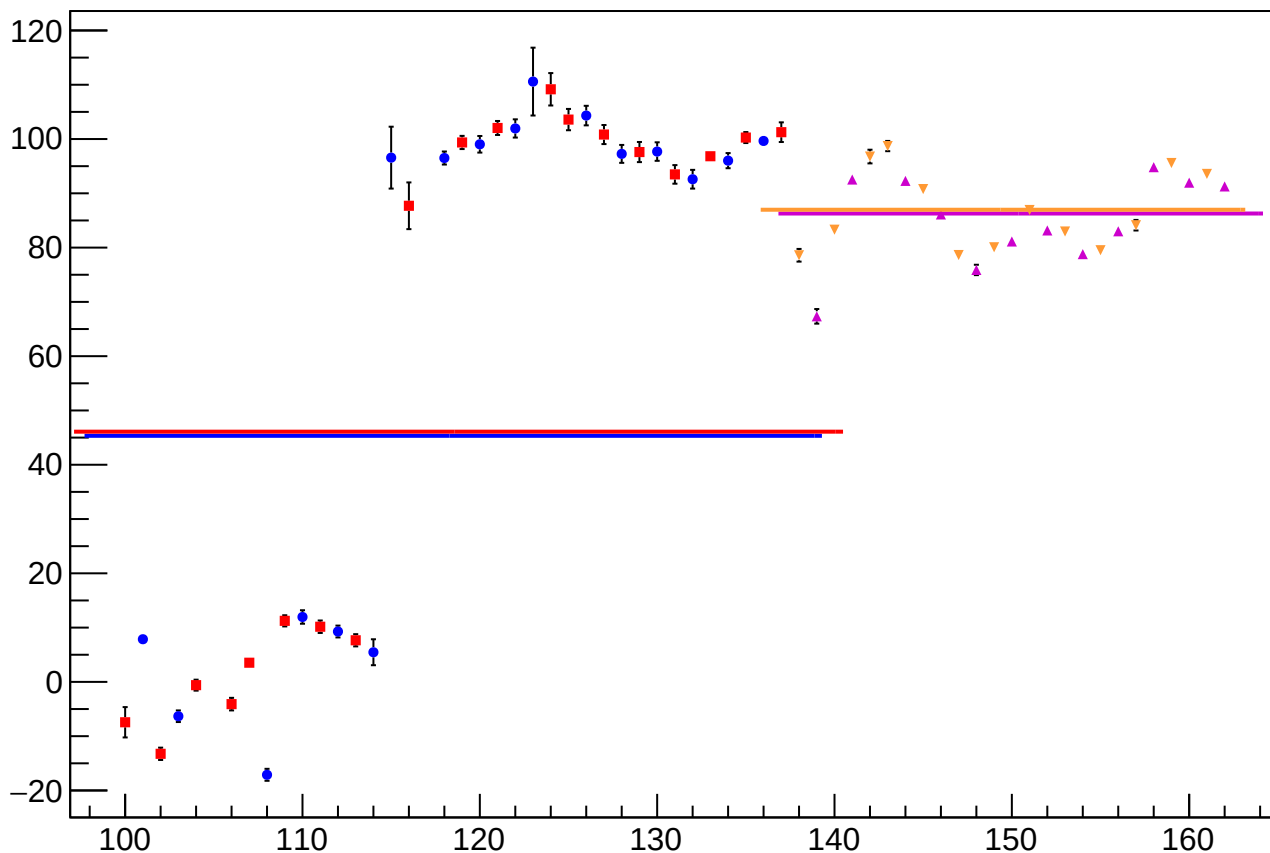
Right: 1.394 $\pm$ 0.311 χ^2 /NDF: 273.7/35

In: 6.725 $\pm$ 0.245 χ^2 /NDF:994.8/28

Out: 6.589 $\pm$ 0.242 χ^2 /NDF:825.1/31

All: 6.656 $\pm$ 0.172 χ^2 /NDF: 1820.0/60

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 86.976 $\pm$ 0.248 χ^2 /NDF: 772.6/12

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.280 $\pm$ 0.250 χ^2 /NDF: 790.2/11

Left: 86.631 $\pm$ 0.176 χ^2 /NDF: 1566.8/24

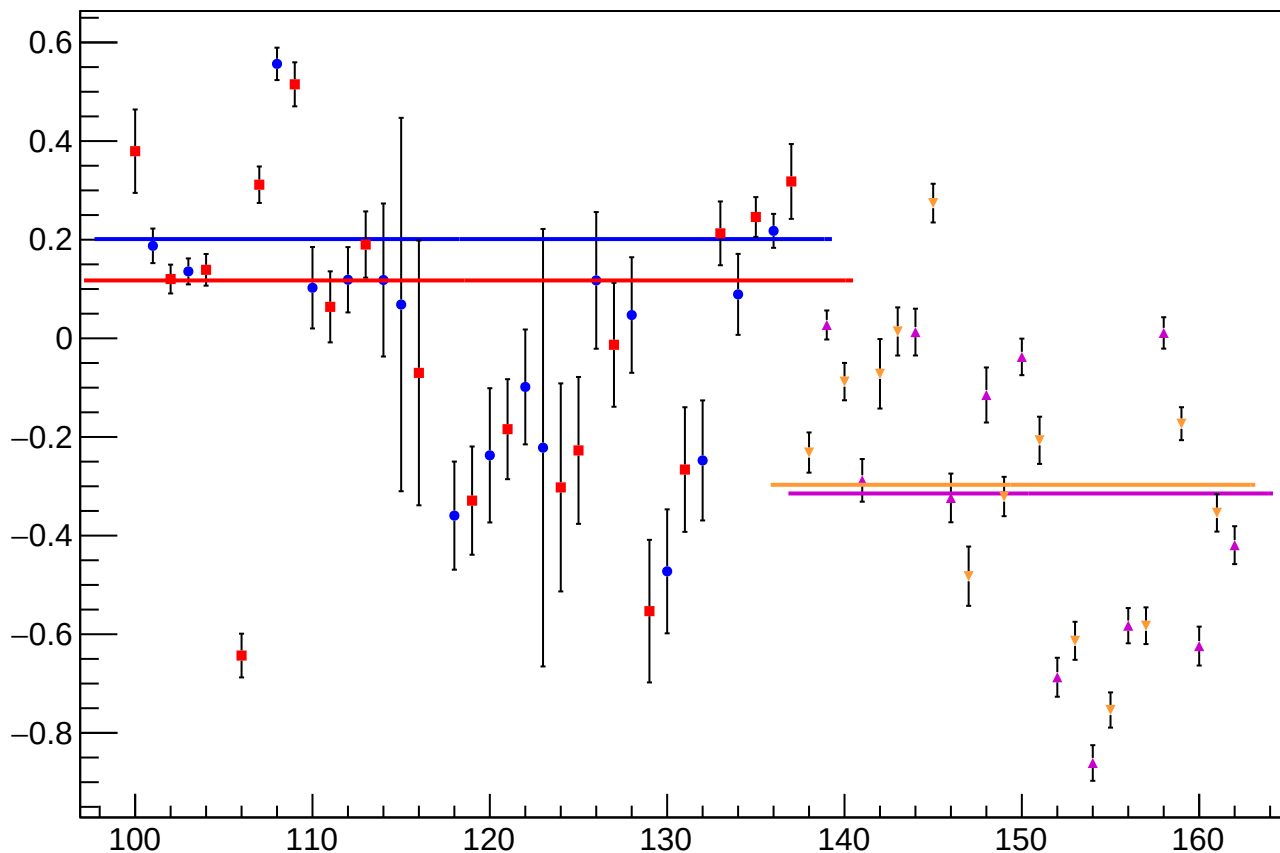
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 69.706 $\pm$ 0.193 χ^2 /NDF: 36626.2/28

Out: 69.656 $\pm$ 0.188 χ^2 /NDF: 40557.3/31

All: 69.681 $\pm$ 0.135 χ^2 /NDF: 77183.6/60

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.297 ± 0.011 χ^2/NDF : 614.7/12

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.315 ± 0.011 χ^2/NDF : 799.4/11

Left: -0.306 ± 0.008 χ^2/NDF : 1415.4/24

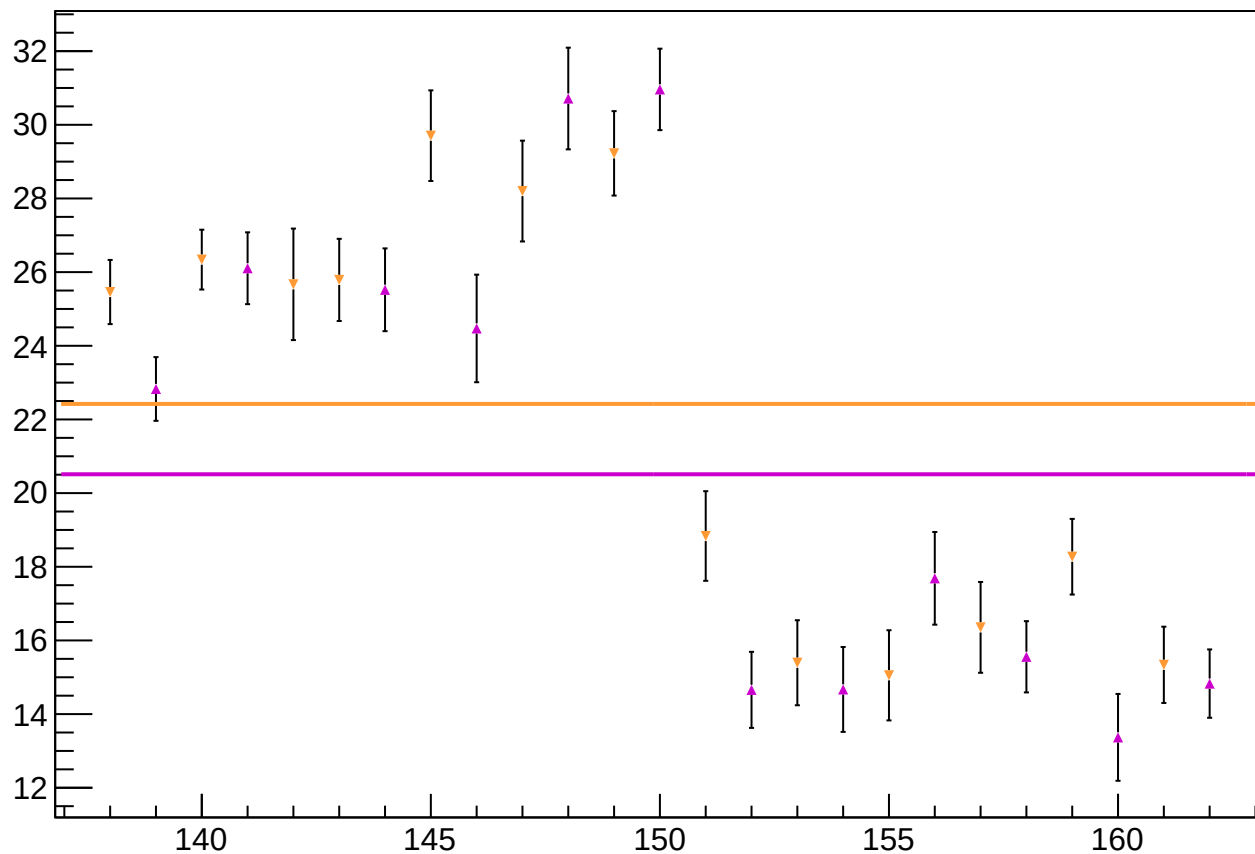
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.116 ± 0.009 χ^2/NDF : 1846.3/28

Out: -0.117 ± 0.009 χ^2/NDF : 1687.1/31

All: -0.116 ± 0.006 χ^2/NDF : 3533.5/60

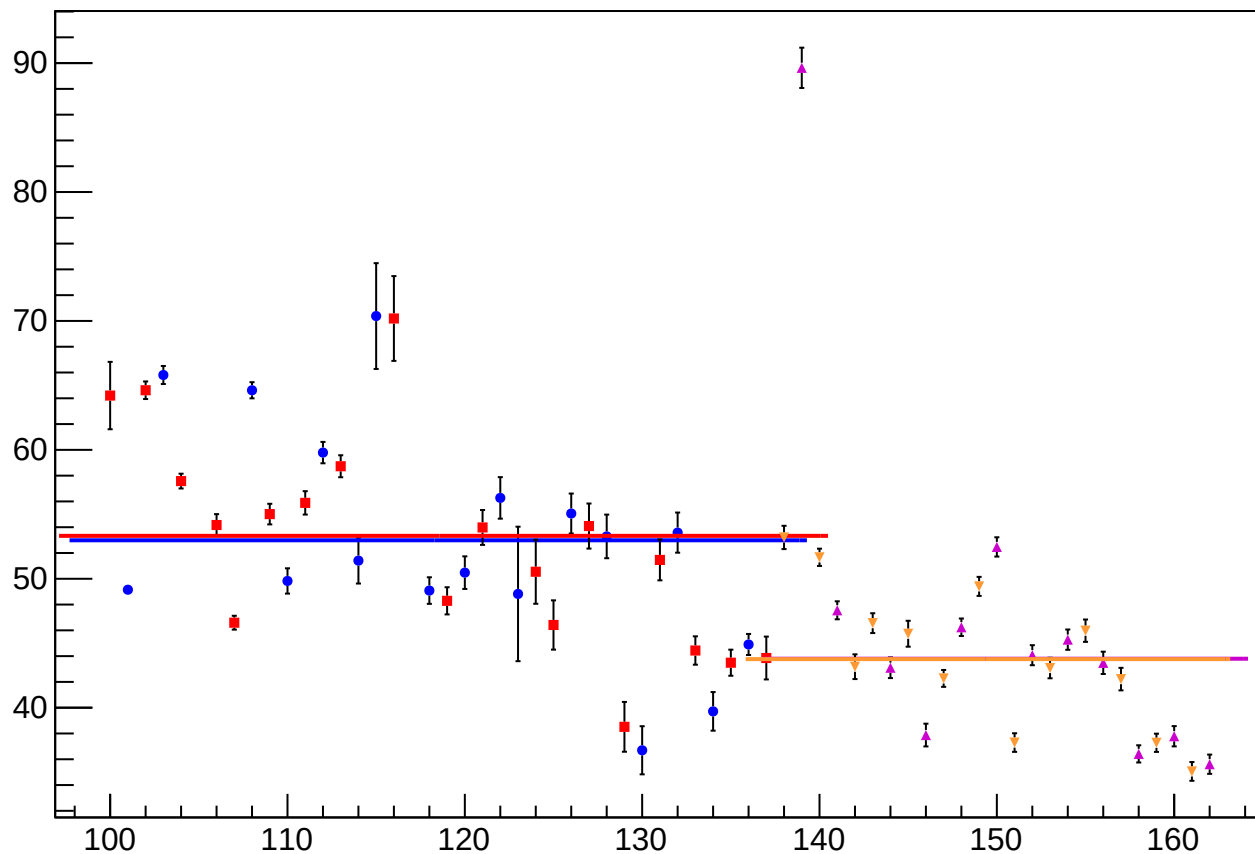
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 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: 21.485+/-0.219 χ^2/NDF : 700.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.511+/-0.312 χ^2/NDF :374.5/11
 Out: 22.422+/-0.306 χ^2/NDF :306.5/12
 All: 21.485+/-0.219 χ^2/NDF : 700.1/24

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2/NDF : 1197.9/16

Left Out: 43.768 $\pm$ 0.216 χ^2/NDF : 647.5/12

Right Out: 53.330 $\pm$ 0.227 χ^2/NDF : 873.8/18

Left In: 43.799 $\pm$ 0.226 χ^2/NDF : 1386.4/11

Left: 43.783 $\pm$ 0.156 χ^2/NDF : 2033.9/24

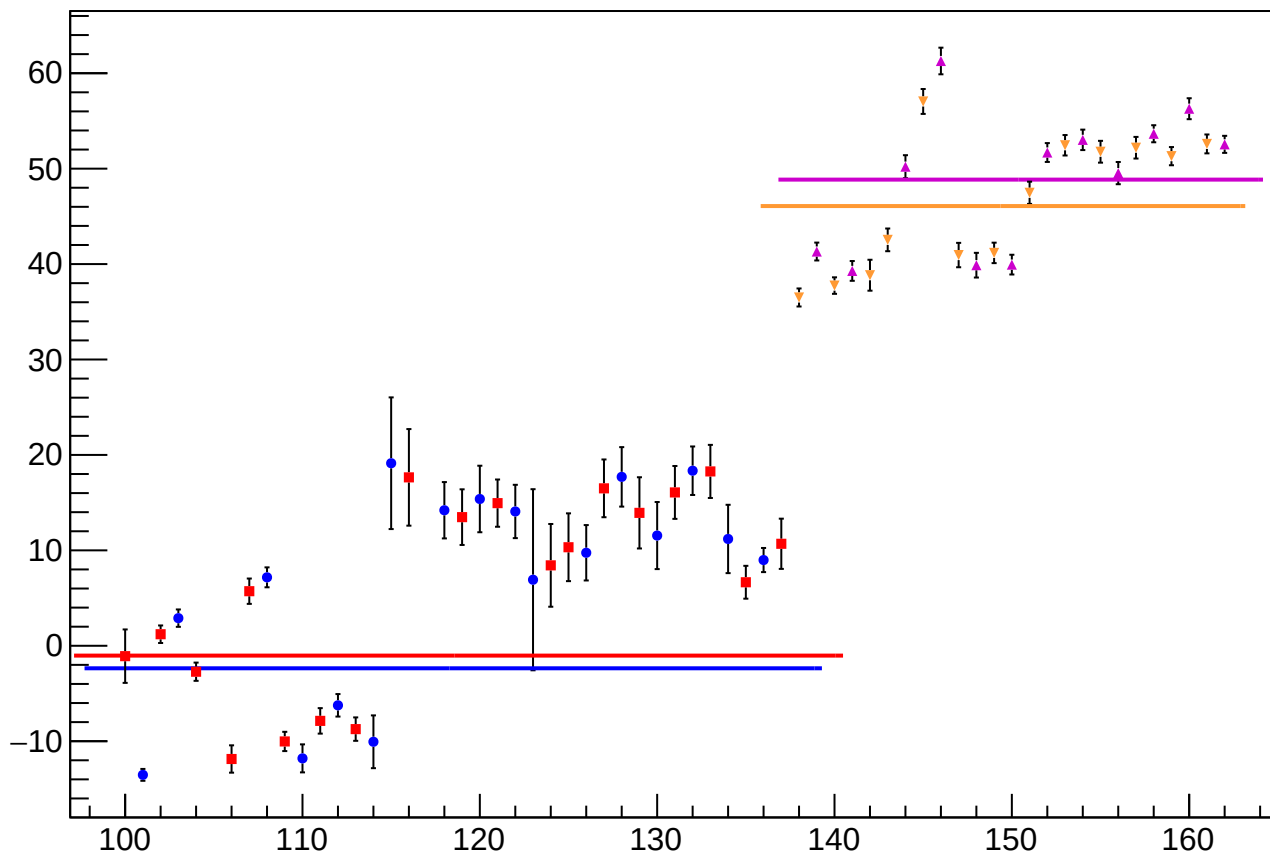
Right: 53.145 $\pm$ 0.154 χ^2/NDF : 2073.0/35

In: 48.729 $\pm$ 0.154 χ^2/NDF : 3468.3/28

Out: 48.324 $\pm$ 0.156 χ^2/NDF : 2454.2/31

All: 48.529 $\pm$ 0.110 χ^2/NDF : 5925.9/60

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 46.080 ± 0.303 $\chi^2/\text{NDF}: 496.3/12$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 48.851 ± 0.305 $\chi^2/\text{NDF}: 468.4/11$

Left: 47.458 ± 0.215 $\chi^2/\text{NDF}: 1006.3/24$

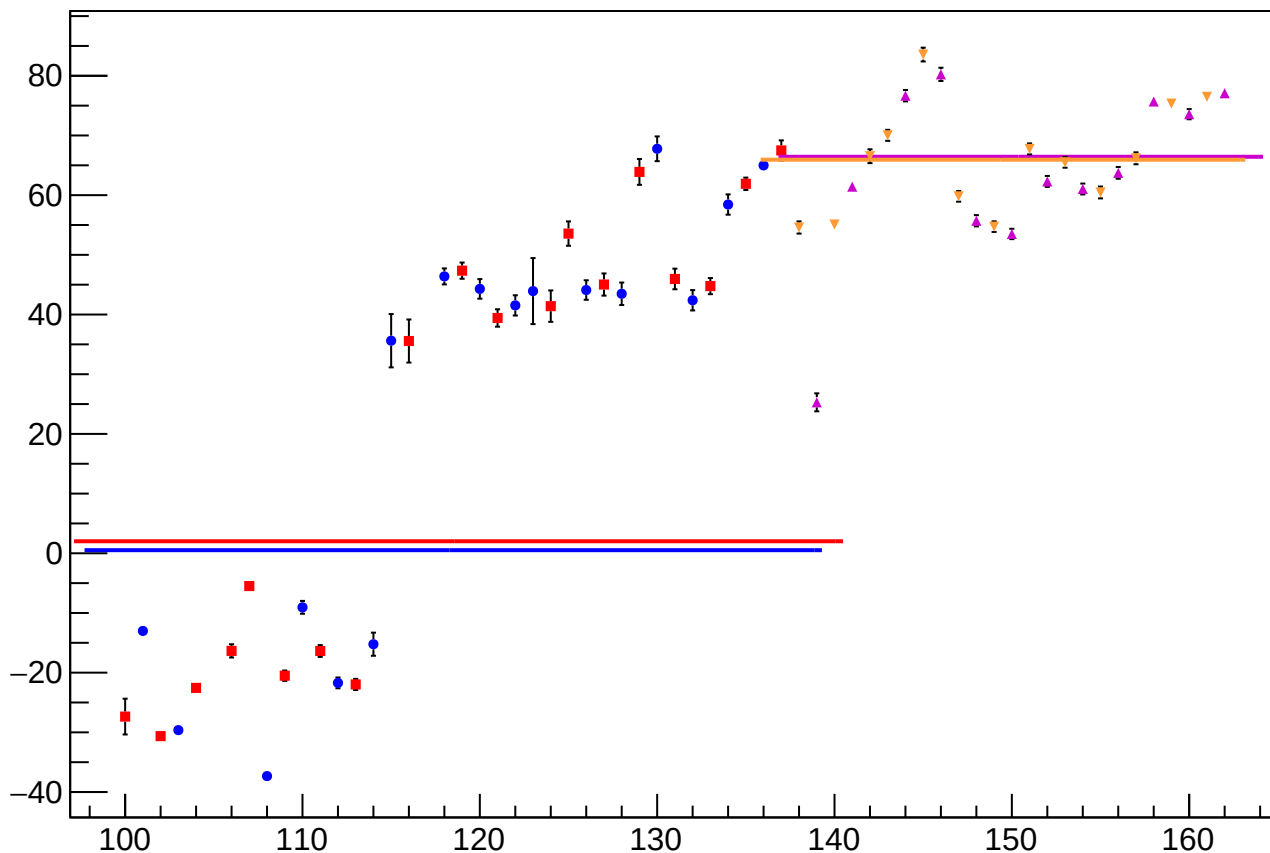
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 27.768 ± 0.234 $\chi^2/\text{NDF}: 12942.2/28$

Out: 27.578 ± 0.236 $\chi^2/\text{NDF}: 10496.4/31$

All: 27.674 ± 0.166 $\chi^2/\text{NDF}: 23438.9/60$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 65.942+/-0.254 χ^2/NDF :1140.1/12

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 66.433+/-0.261 χ^2/NDF :1899.7/11

Left: 66.181+/-0.182 χ^2/NDF : 3041.6/24

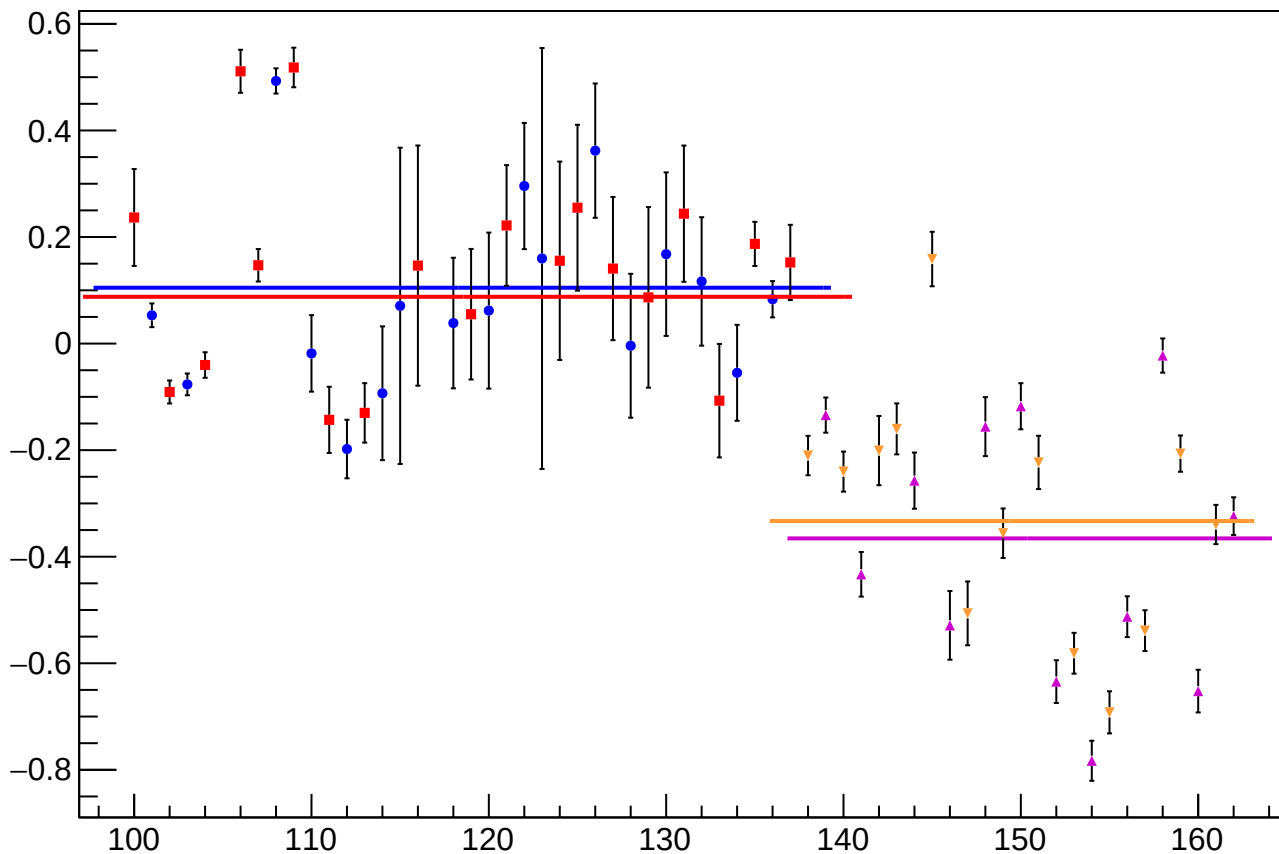
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 31.704+/-0.179 χ^2/NDF :53998.8/28

Out: 35.518+/-0.184 χ^2/NDF :46807.2/31

All: 33.563+/-0.128 χ^2/NDF : 101026.8/60

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.333 ± 0.012 χ^2/NDF : 307.4/12

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.366 ± 0.012 χ^2/NDF : 459.5/11

Left: -0.349 ± 0.008 χ^2/NDF : 770.8/24

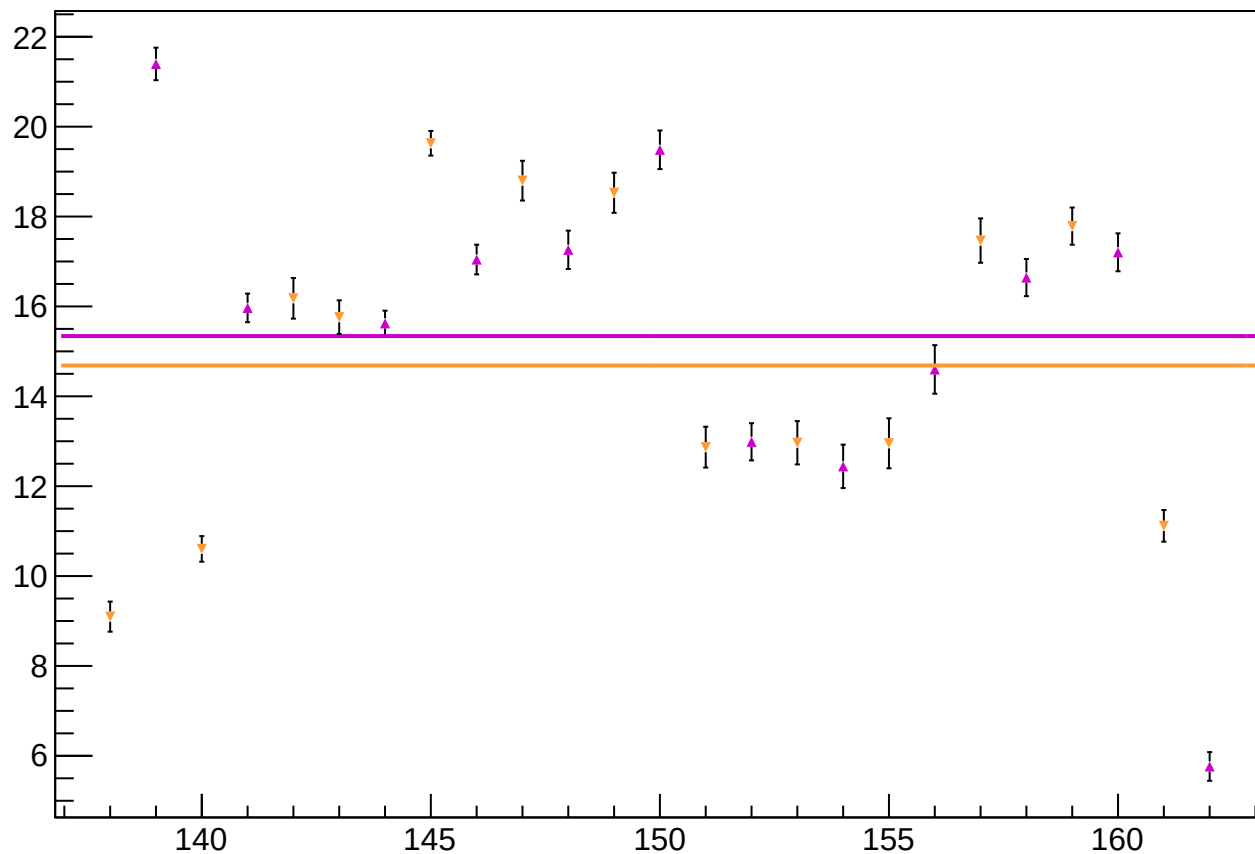
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.117 ± 0.008 χ^2/NDF : 1719.0/28

Out: -0.109 ± 0.008 χ^2/NDF : 1381.6/31

All: -0.113 ± 0.006 χ^2/NDF : 3101.2/60

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: 14.686 $\pm$ 0.107 χ^2 /NDF:1217.6/12

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: 15.009 $\pm$ 0.076 χ^2 /NDF: 2659.0/24

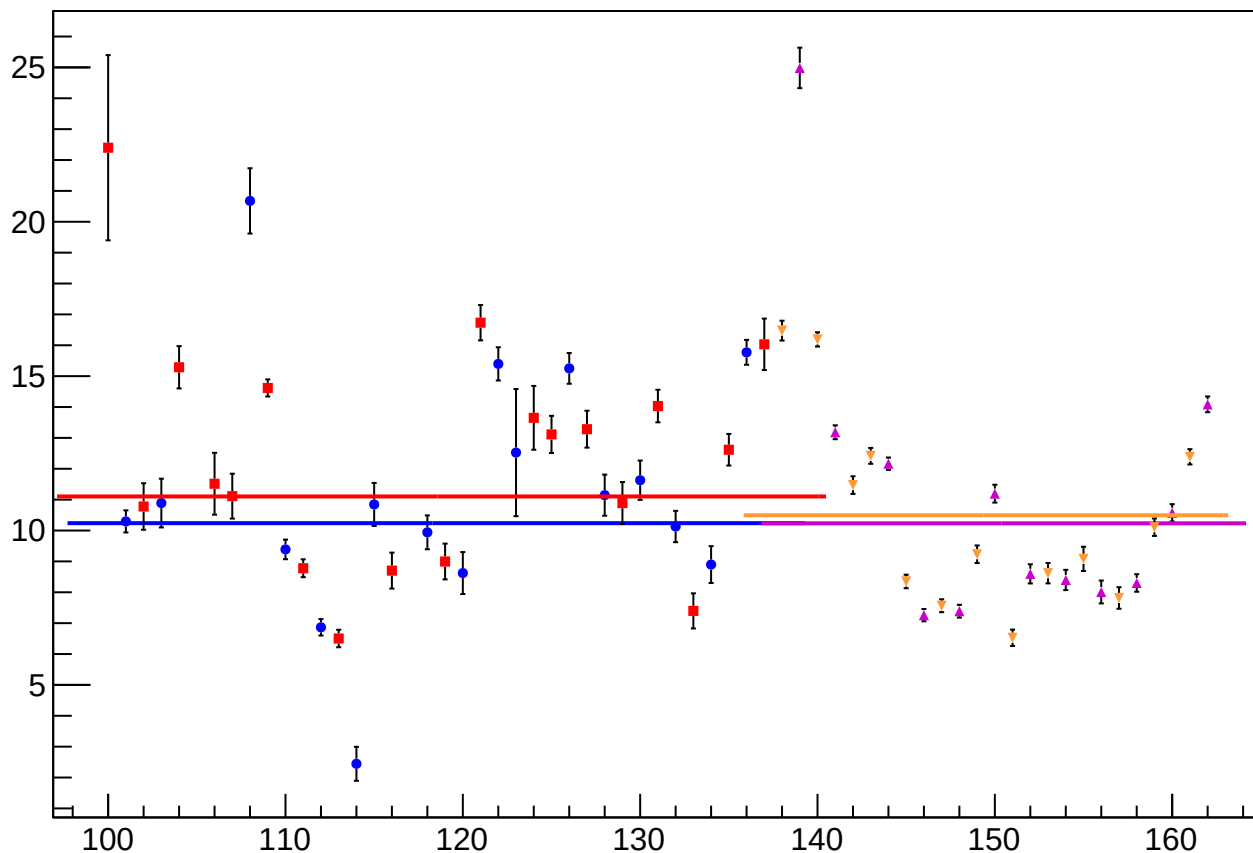
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11

Out: 14.686 $\pm$ 0.107 χ^2 /NDF:1217.6/12

All: 15.009 $\pm$ 0.076 χ^2 /NDF: 2659.0/24

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2/NDF : 867.4/16

Left Out: 10.494 $\pm$ 0.075 χ^2/NDF :1717.4/12

Right Out: 11.104 $\pm$ 0.116 χ^2/NDF : 815.2/18

Left In: 10.233 $\pm$ 0.076 χ^2/NDF :1563.3/11

Left: 10.365 $\pm$ 0.053 χ^2/NDF : 3286.6/24

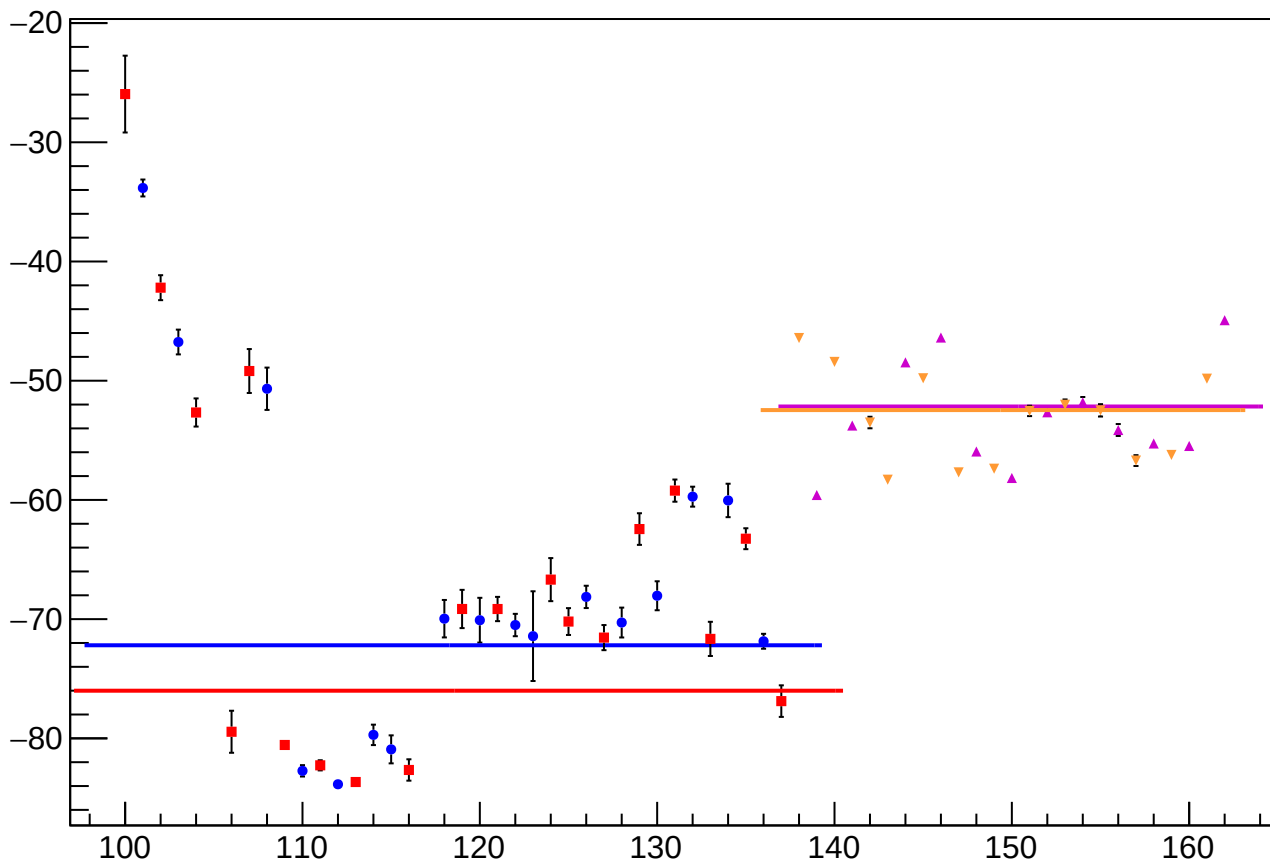
Right: 10.681 $\pm$ 0.083 χ^2/NDF : 1709.6/35

In: 10.235 $\pm$ 0.064 χ^2/NDF :2430.7/28

Out: 10.672 $\pm$ 0.063 χ^2/NDF :2552.0/31

All: 10.457 $\pm$ 0.045 χ^2/NDF : 5006.5/60

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.464 ± 0.107 $\chi^2/\text{NDF}: 1299.9/12$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -52.163 ± 0.107 $\chi^2/\text{NDF}: 1885.3/11$

Left: -52.312 ± 0.076 $\chi^2/\text{NDF}: 3189.2/24$

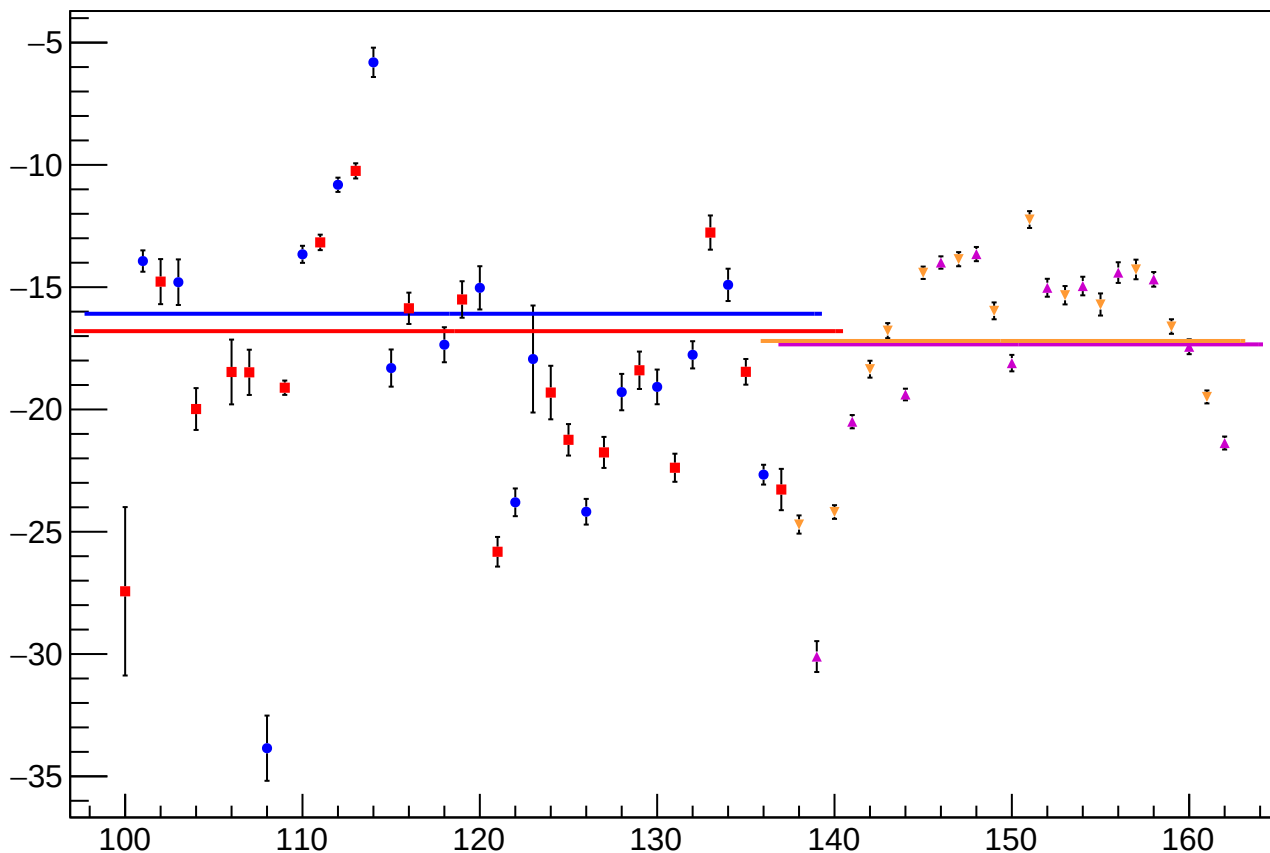
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -56.664 ± 0.094 $\chi^2/\text{NDF}: 15370.5/28$

Out: -58.598 ± 0.092 $\chi^2/\text{NDF}: 17278.5/31$

All: -57.647 ± 0.066 $\chi^2/\text{NDF}: 32864.3/60$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.200 ± 0.089 $\chi^2/\text{NDF}: 1686.5/12$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -17.339 ± 0.089 $\chi^2/\text{NDF}: 1396.3/11$

Left: -17.269 ± 0.063 $\chi^2/\text{NDF}: 3084.0/24$

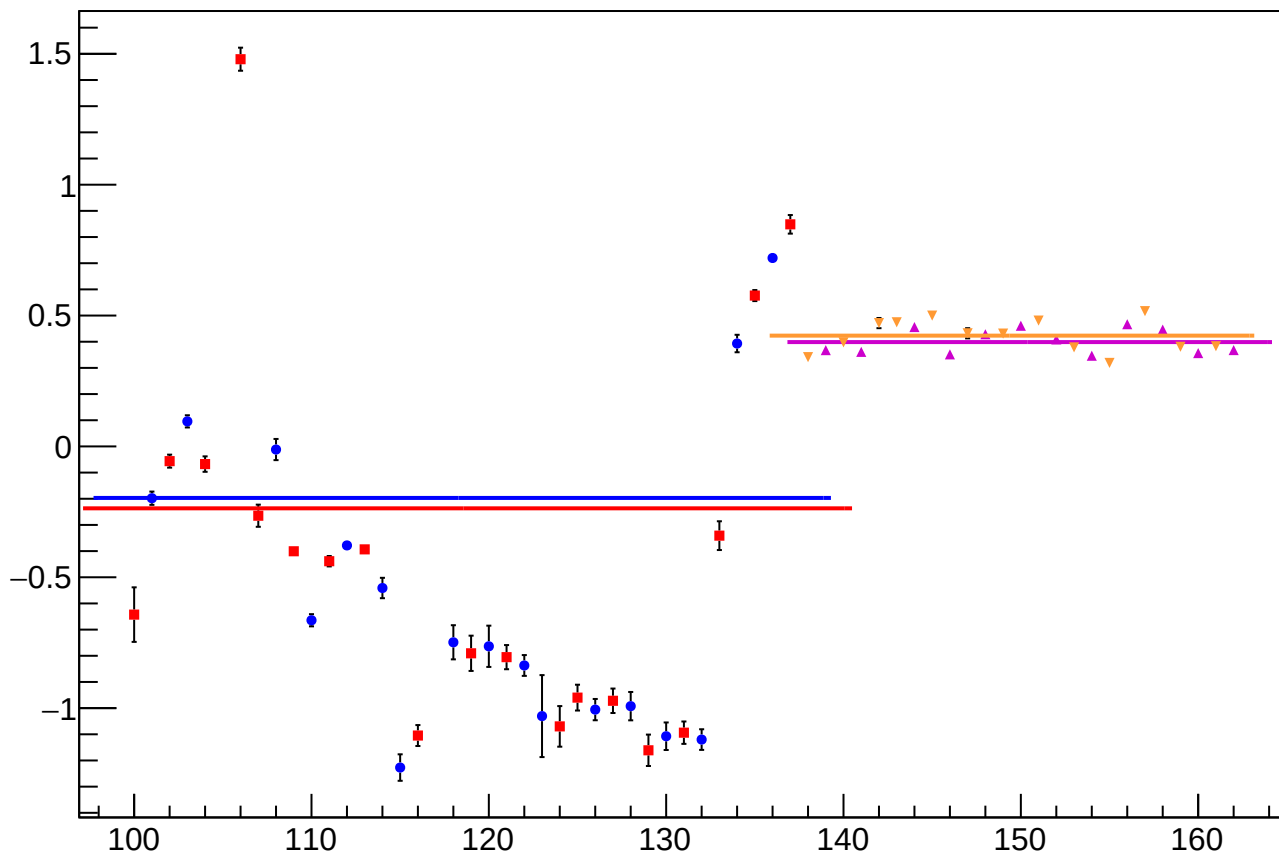
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -16.949 ± 0.074 $\chi^2/\text{NDF}: 3079.6/28$

Out: -17.069 ± 0.073 $\chi^2/\text{NDF}: 2907.1/31$

All: -17.010 ± 0.052 $\chi^2/\text{NDF}: 5988.0/60$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.423 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.399 ± 0.004 χ^2/NDF : 114.1/11

Left: 0.411 ± 0.003 χ^2/NDF : 336.4/24

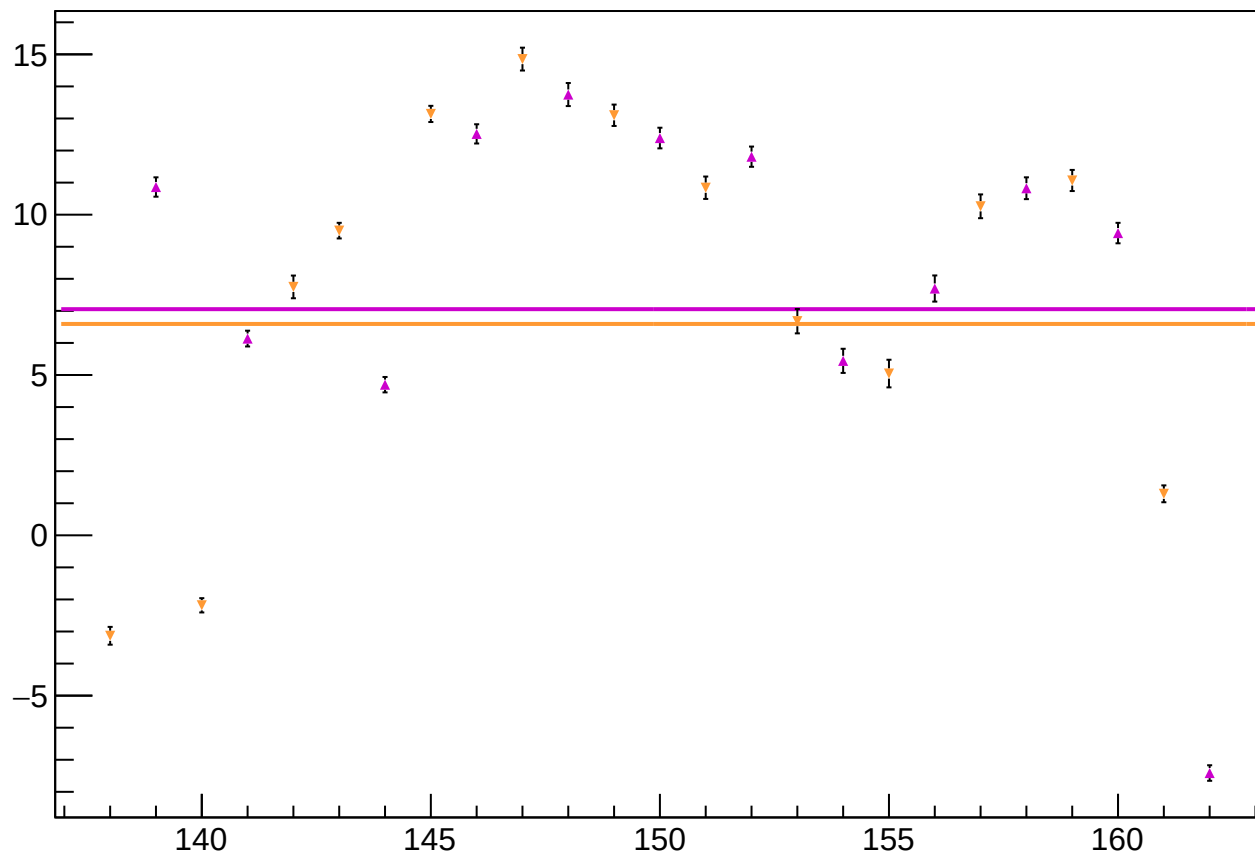
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.257 ± 0.004 χ^2/NDF : 11192.0/28

Out: 0.253 ± 0.004 χ^2/NDF : 12708.9/31

All: 0.255 ± 0.003 χ^2/NDF : 23901.6/60

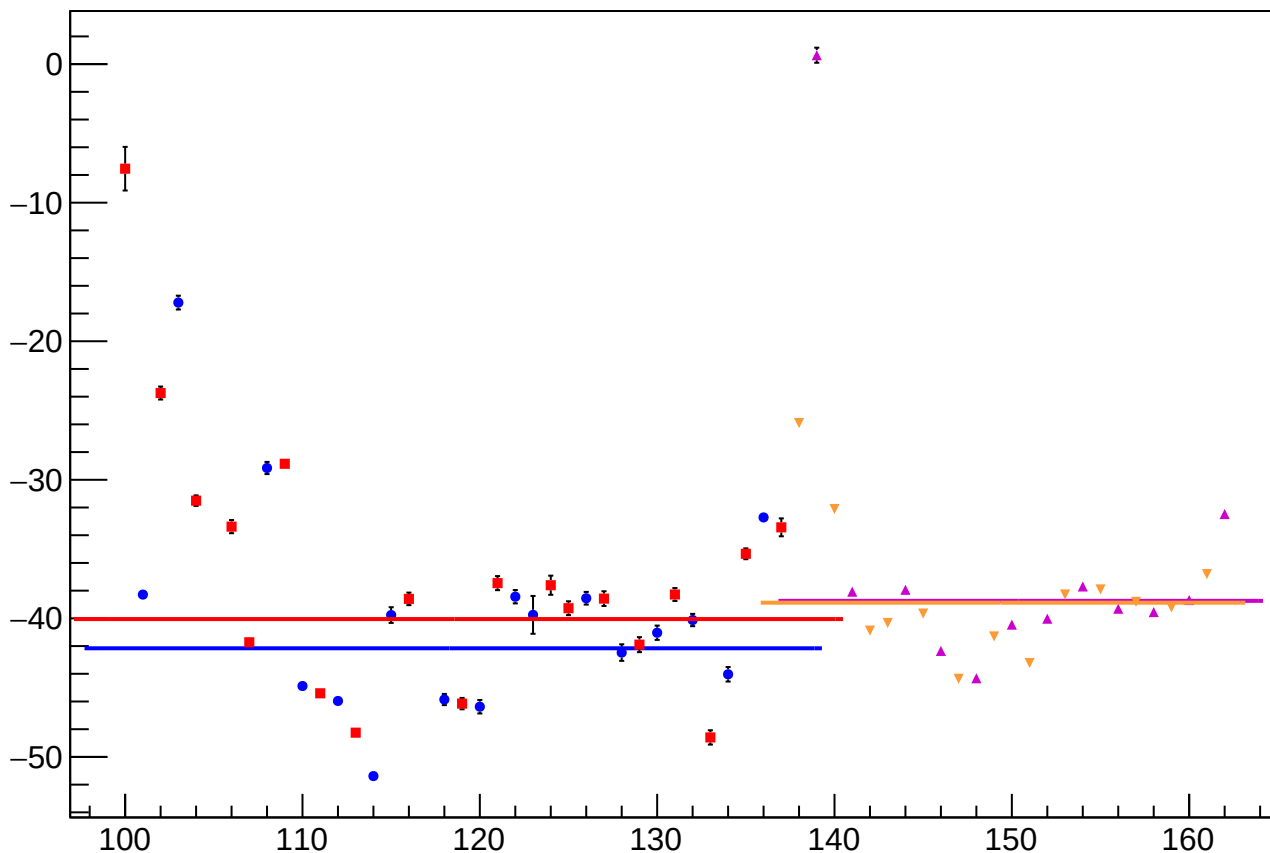
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.592+/-0.084 χ^2/NDF : 5373.3/12
 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: 6.814+/-0.060 χ^2/NDF : 10599.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.053+/-0.087 χ^2/NDF : 5212.0/11
 Out: 6.592+/-0.084 χ^2/NDF : 5373.3/12
 All: 6.814+/-0.060 χ^2/NDF : 10599.8/24

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.869 ± 0.058 $\chi^2/\text{NDF}: 5650.9/12$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -38.736 ± 0.061 $\chi^2/\text{NDF}: 7820.6/11$

Left: -38.806 ± 0.042 $\chi^2/\text{NDF}: 13473.9/24$

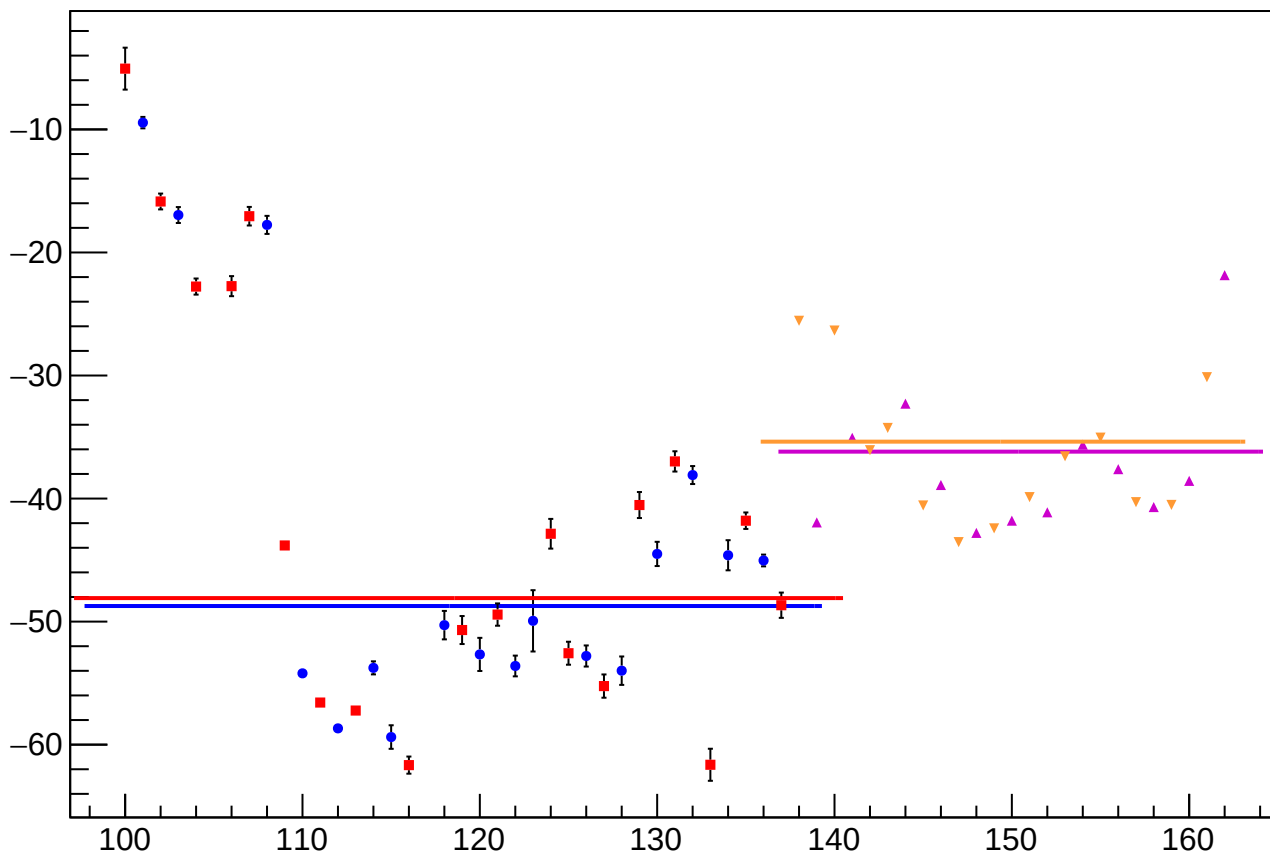
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.047 ± 0.048 $\chi^2/\text{NDF}: 15583.0/28$

Out: -39.332 ± 0.046 $\chi^2/\text{NDF}: 17122.3/31$

All: -39.669 ± 0.033 $\chi^2/\text{NDF}: 32821.3/60$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.375 ± 0.084 $\chi^2/\text{NDF}: 5140.1/12$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -36.187 ± 0.085 $\chi^2/\text{NDF}: 5706.6/11$

Left: -35.774 ± 0.060 $\chi^2/\text{NDF}: 10892.7/24$

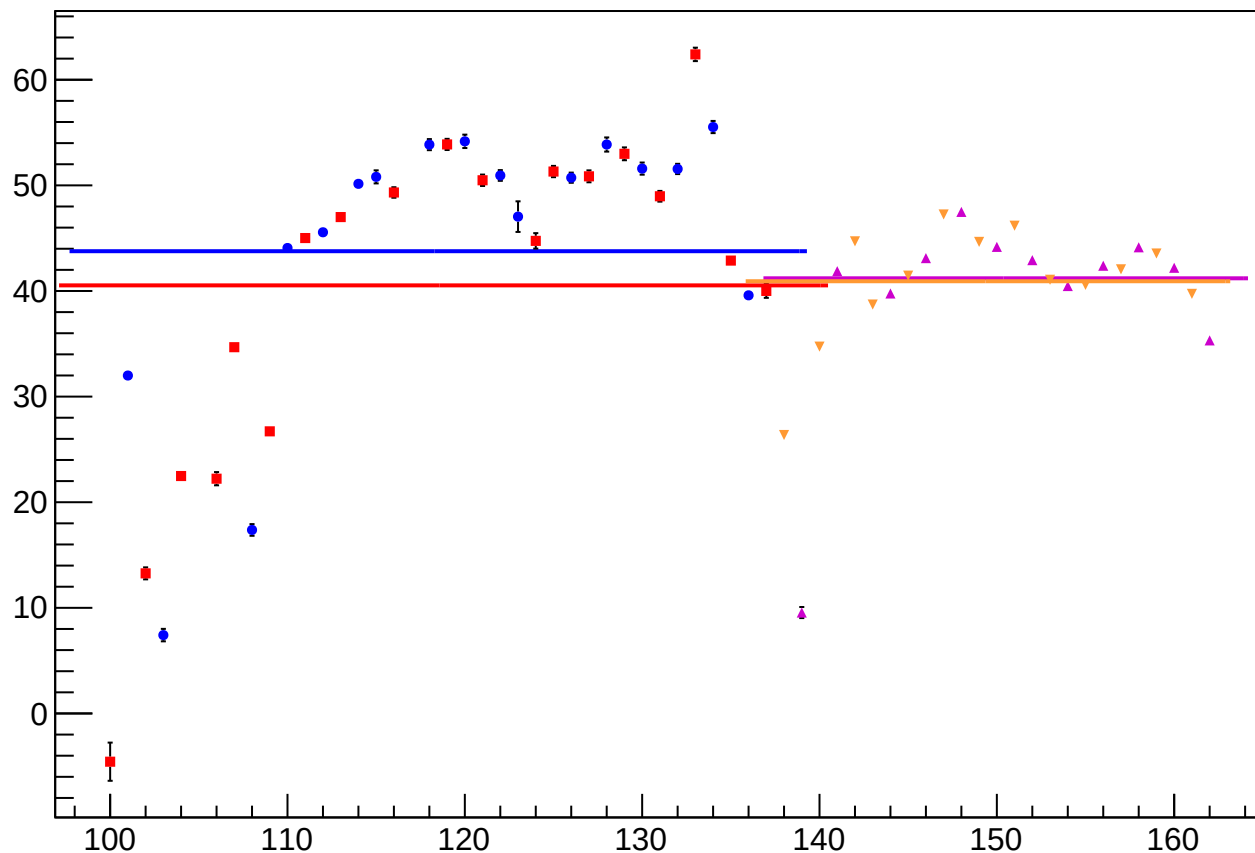
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -40.196 ± 0.070 $\chi^2/\text{NDF}: 27255.7/28$

Out: -40.204 ± 0.066 $\chi^2/\text{NDF}: 25592.2/31$

All: -40.200 ± 0.048 $\chi^2/\text{NDF}: 52847.8/60$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.923 $\pm$ 0.069 χ^2 /NDF: 4824.0/12

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.201 $\pm$ 0.072 χ^2 /NDF: 5637.4/11

Left: 41.057 $\pm$ 0.050 χ^2 /NDF: 10469.1/24

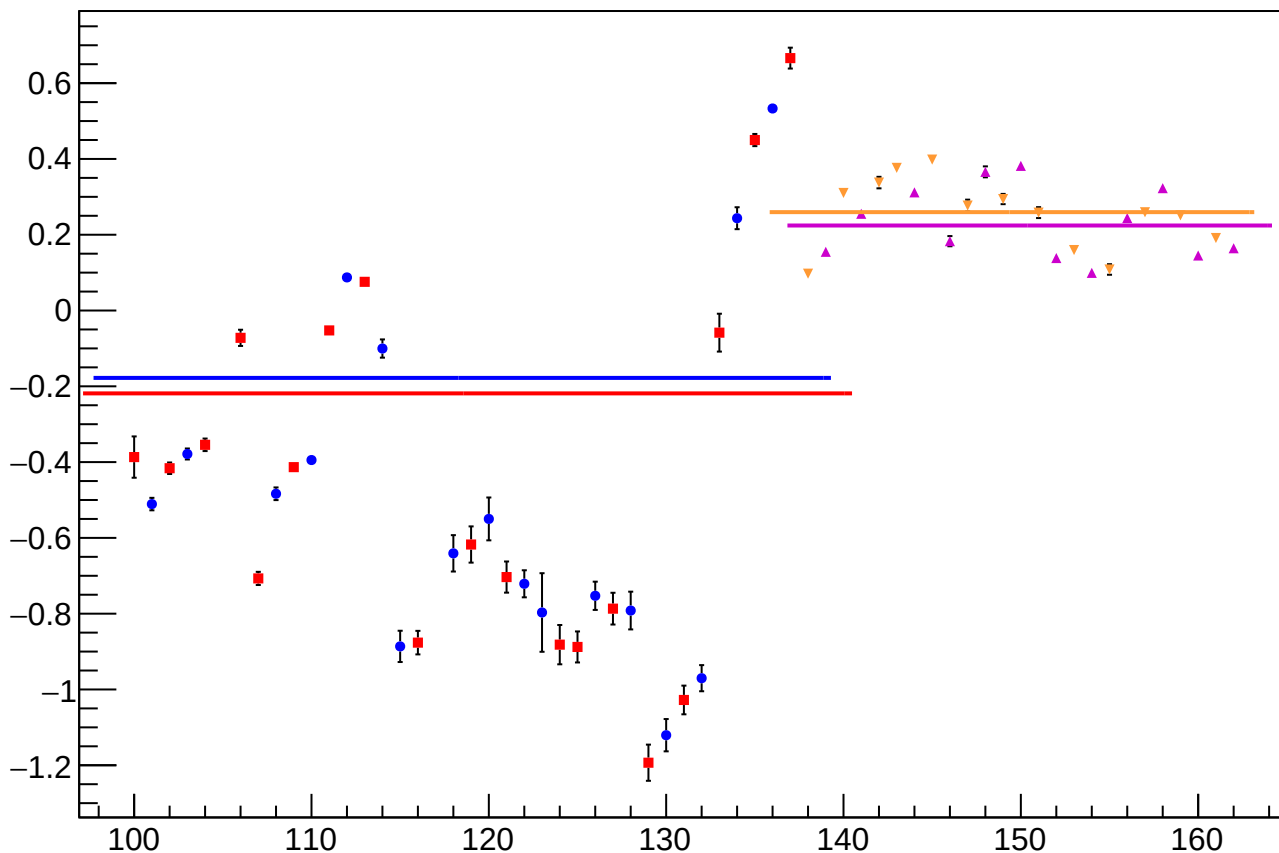
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.240 $\pm$ 0.055 χ^2 /NDF: 16790.9/28

Out: 40.756 $\pm$ 0.052 χ^2 /NDF: 22418.4/31

All: 41.458 $\pm$ 0.038 χ^2 /NDF: 39589.2/60

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.260 ± 0.003 χ^2/NDF : 775.8/12

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.224 ± 0.003 χ^2/NDF : 694.2/11

Left: 0.242 ± 0.002 χ^2/NDF : 1526.2/24

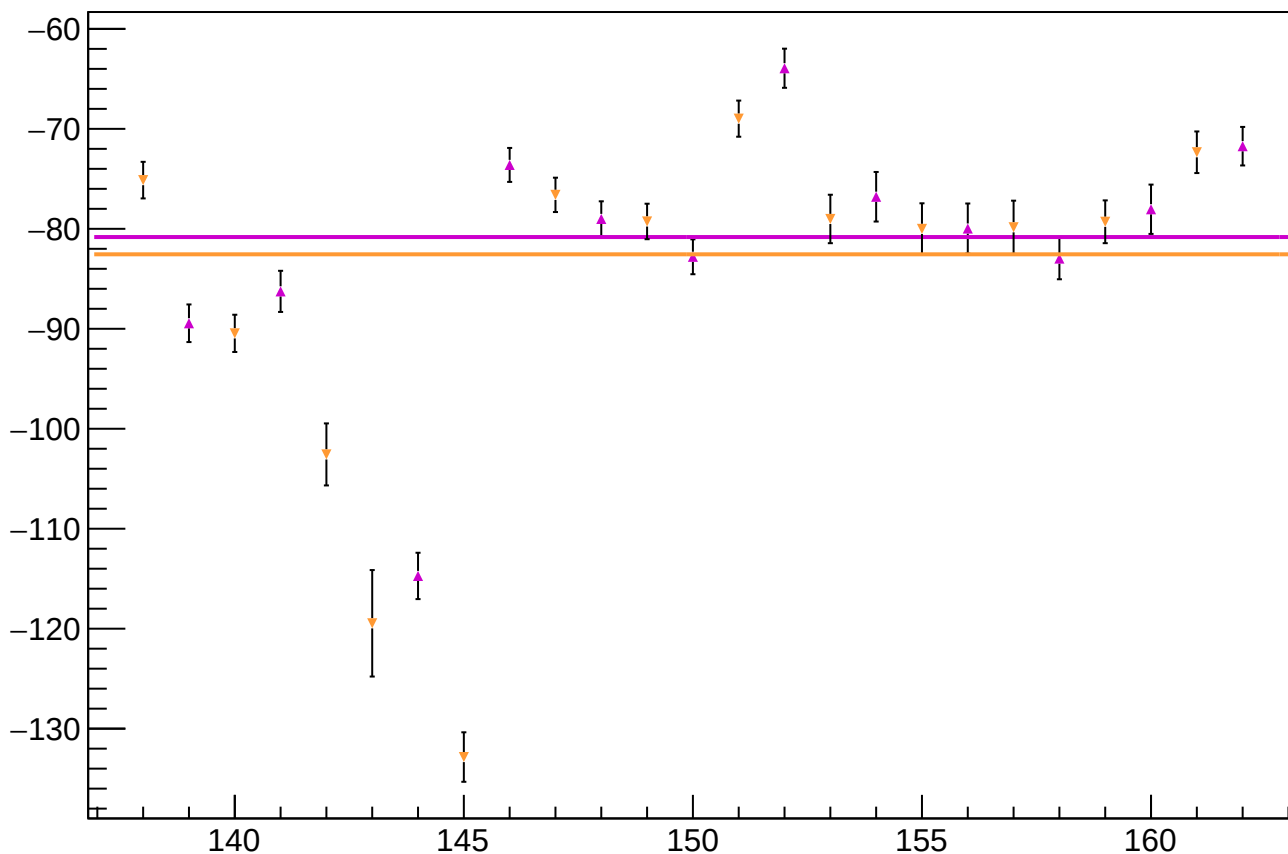
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.094 ± 0.003 χ^2/NDF : 12721.4/28

Out: 0.082 ± 0.003 χ^2/NDF : 16026.9/31

All: 0.088 ± 0.002 χ^2/NDF : 28757.9/60

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -82.550+/-0.601 χ^2/NDF :639.0/12

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: -81.658+/-0.418 χ^2/NDF : 1007.3/24

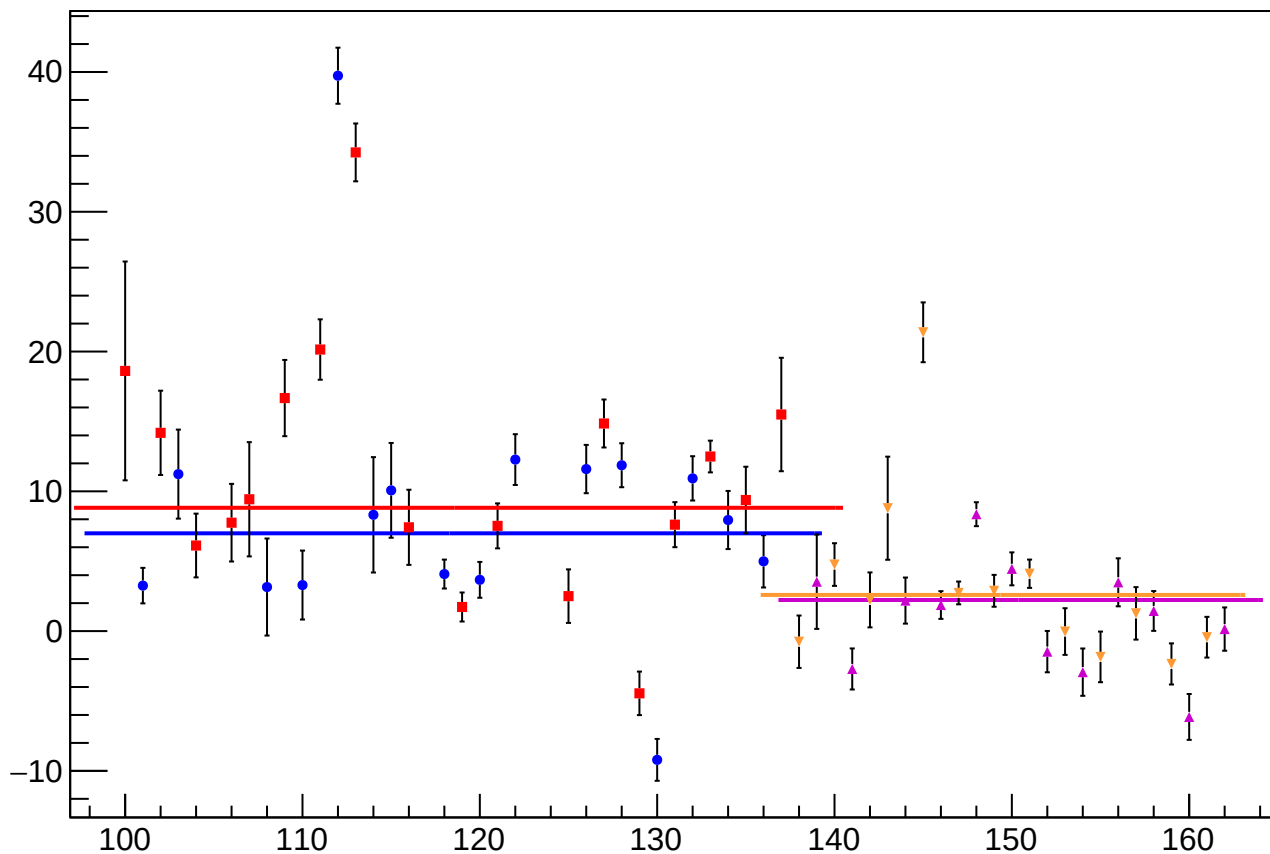
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.822+/-0.582 χ^2/NDF :364.0/11

Out: -82.550+/-0.601 χ^2/NDF :639.0/12

All: -81.658+/-0.418 χ^2/NDF : 1007.3/24

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.588 ± 0.395 $\chi^2/\text{NDF}: 112.0/12$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.225 ± 0.394 $\chi^2/\text{NDF}: 110.7/11$

Left: 2.406 ± 0.279 $\chi^2/\text{NDF}: 223.2/24$

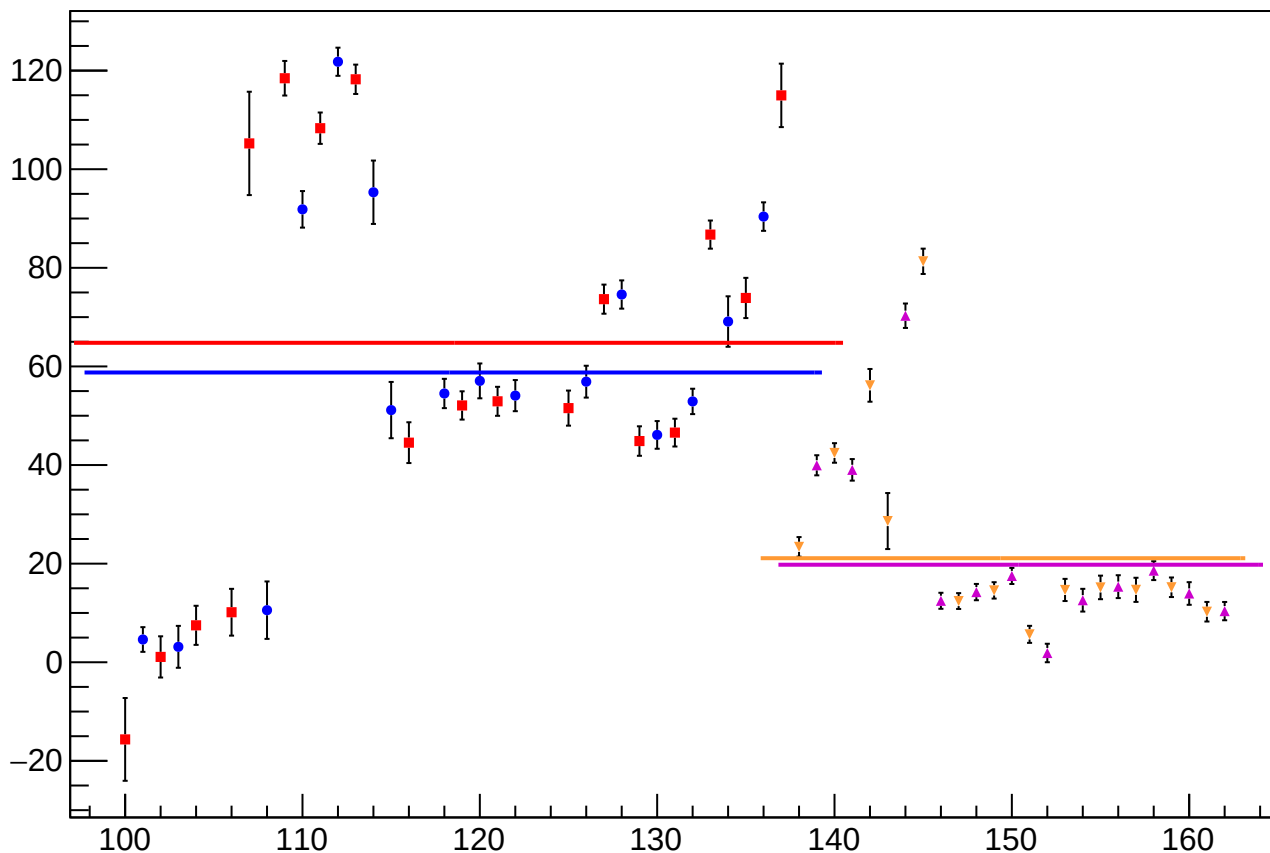
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.379 ± 0.292 $\chi^2/\text{NDF}: 622.3/27$

Out: 5.313 ± 0.297 $\chi^2/\text{NDF}: 571.1/30$

All: 4.838 ± 0.208 $\chi^2/\text{NDF}: 1198.5/58$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 21.103 $\pm$ 0.586 χ^2 /NDF: 964.4/12

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 19.781 $\pm$ 0.564 χ^2 /NDF: 761.1/11

Left: 20.417 $\pm$ 0.406 χ^2 /NDF: 1728.1/24

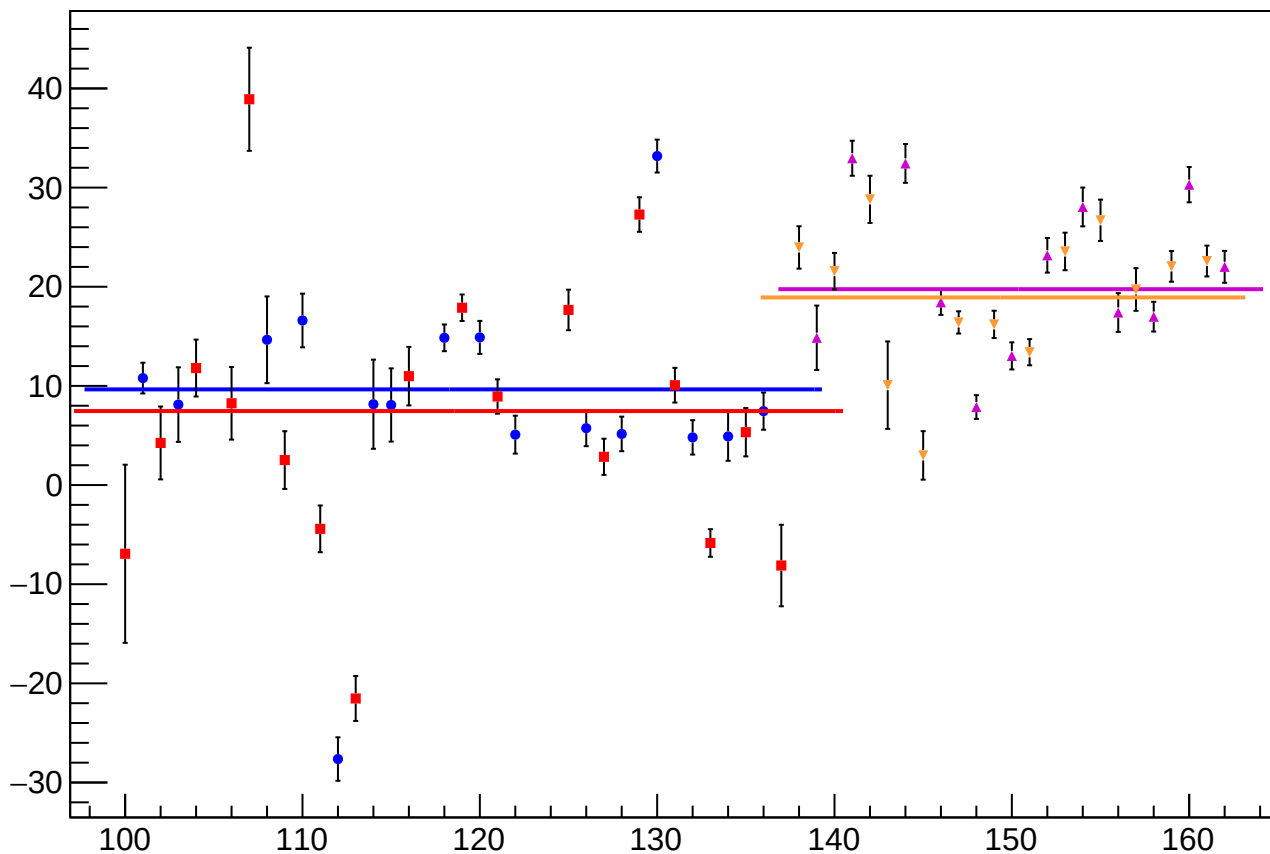
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 32.035 $\pm$ 0.467 χ^2 /NDF: 3756.9/27

Out: 35.386 $\pm$ 0.481 χ^2 /NDF: 4501.1/30

All: 33.662 $\pm$ 0.335 χ^2 /NDF: 8283.0/58

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 19.346 $\pm$ 0.335 χ^2/NDF : 417.1/24
 Right: 8.585 $\pm$ 0.360 χ^2/NDF : 1129.6/33

Right In: 9.648 $\pm$ 0.502 χ^2/NDF : 553.6/15

Left Out: 18.922 $\pm$ 0.479 χ^2/NDF : 127.6/12

Right Out: 7.463 $\pm$ 0.516 χ^2/NDF : 566.9/17

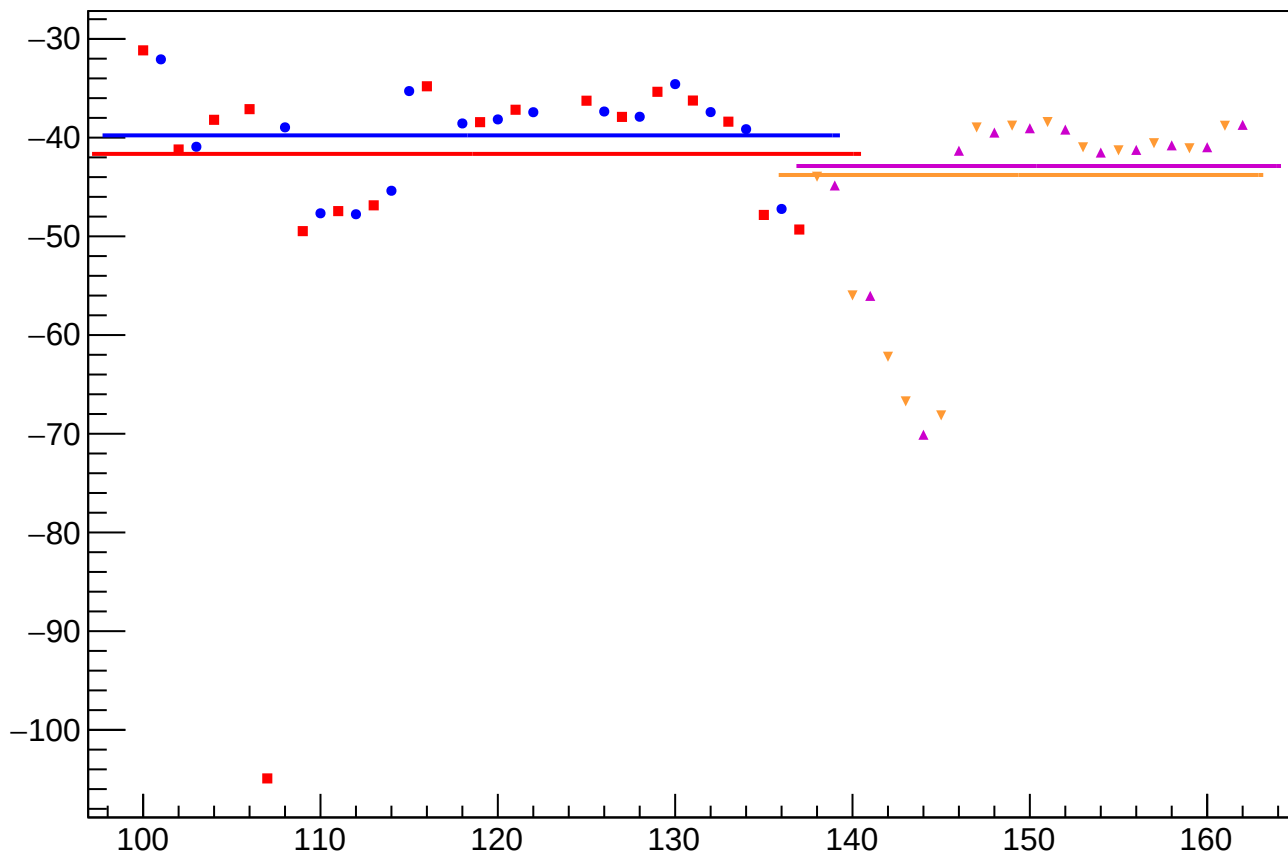
Left In: 19.754 $\pm$ 0.470 χ^2/NDF : 287.9/11

In: 15.034 $\pm$ 0.343 χ^2/NDF : 1057.4/27

Out: 13.616 $\pm$ 0.351 χ^2/NDF : 959.7/30

All: 14.341 $\pm$ 0.245 χ^2/NDF : 2025.5/58

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -43.784 $\pm$ 0.023 χ^2 /NDF:129996.0/12

Right Out: -41.647 $\pm$ 0.031 χ^2 /NDF: 94514.5/17

Left In: -42.874 $\pm$ 0.022 χ^2 /NDF:99123.2/11

Left: -43.307 $\pm$ 0.016 χ^2 /NDF: 229919.2/24

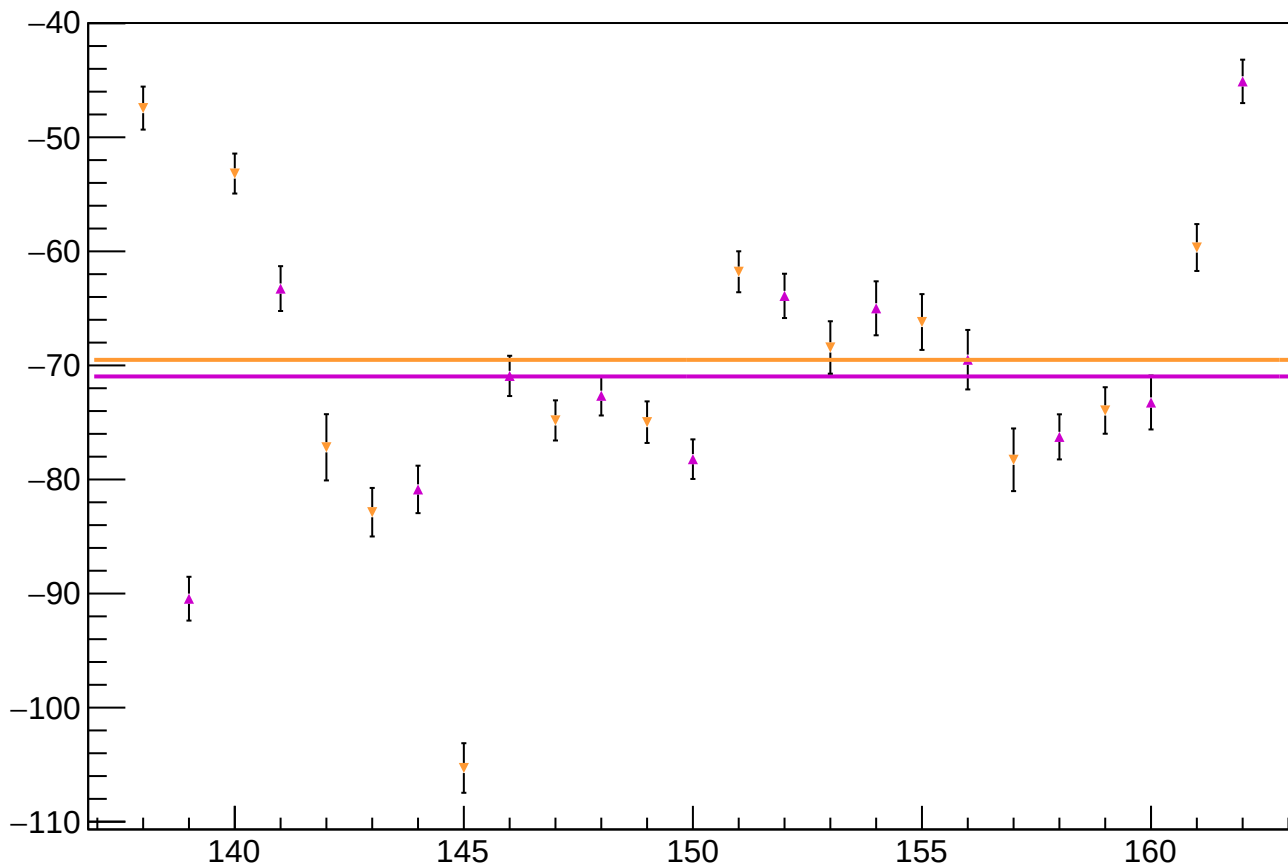
Right: -40.706 $\pm$ 0.022 χ^2 /NDF: 122504.5/33

In: -41.828 $\pm$ 0.018 χ^2 /NDF:131896.5/27

Out: -43.019 $\pm$ 0.019 χ^2 /NDF:227522.3/30

All: -42.404 $\pm$ 0.013 χ^2 /NDF: 361522.9/58

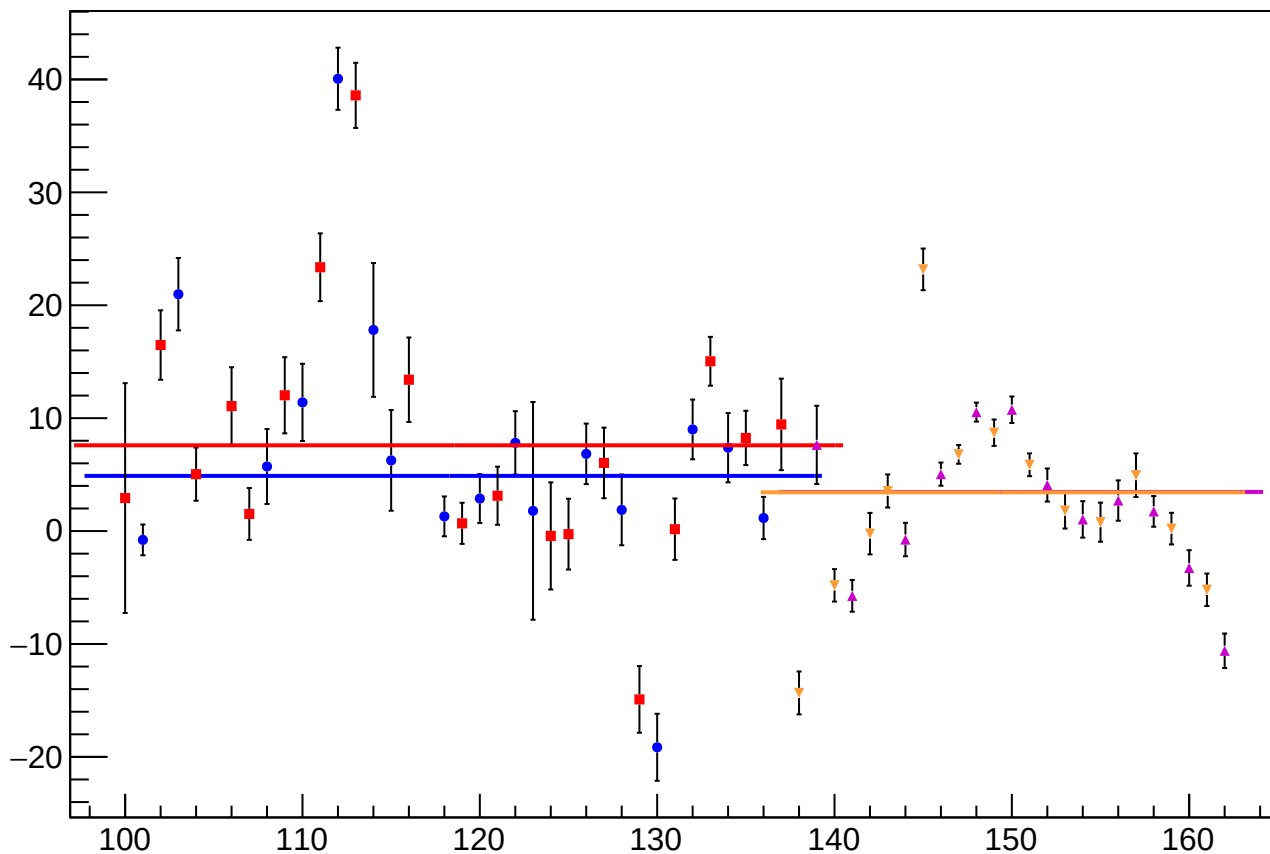
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -69.512 $\pm$ 0.572 χ^2 /NDF:617.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -70.967 $\pm$ 0.573 χ^2 /NDF:372.2/11

Left: -70.239 $\pm$ 0.405 χ^2 /NDF: 993.2/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -70.967 $\pm$ 0.573 χ^2 /NDF:372.2/11
 Out: -69.512 $\pm$ 0.572 χ^2 /NDF:617.8/12
 All: -70.239 $\pm$ 0.405 χ^2 /NDF: 993.2/24

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 3.430 ± 0.379 χ^2/NDF : 327.1/12

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 3.467 ± 0.387 χ^2/NDF : 271.6/11

Left: 3.448 ± 0.271 χ^2/NDF : 598.7/24

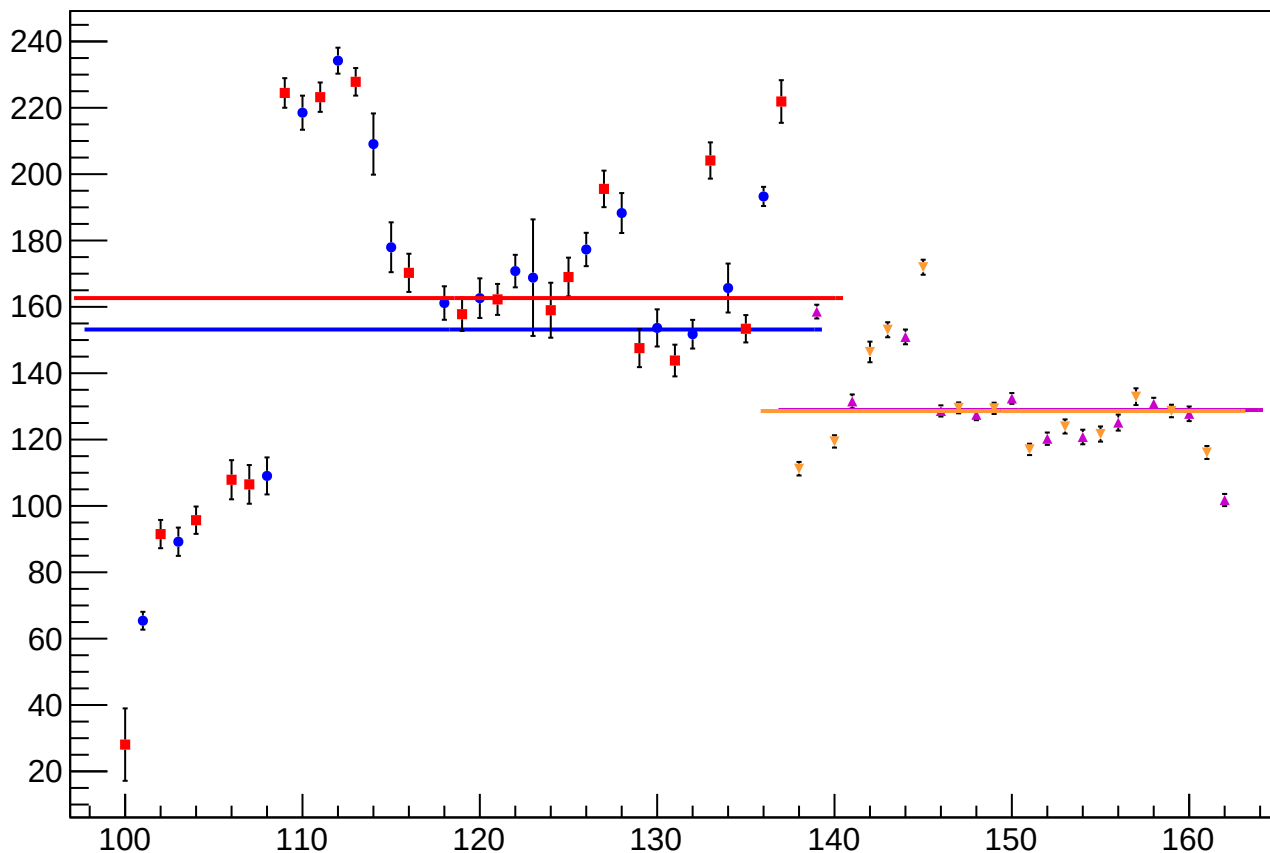
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.864 ± 0.329 χ^2/NDF : 570.1/28

Out: 4.484 ± 0.327 χ^2/NDF : 627.1/31

All: 4.175 ± 0.232 χ^2/NDF : 1198.9/60

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 128.602 $\pm$ 0.561 χ^2 /NDF: 714.1/12

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 128.910 $\pm$ 0.555 χ^2 /NDF: 567.0/11

Left: 128.758 $\pm$ 0.394 χ^2 /NDF: 1281.3/24

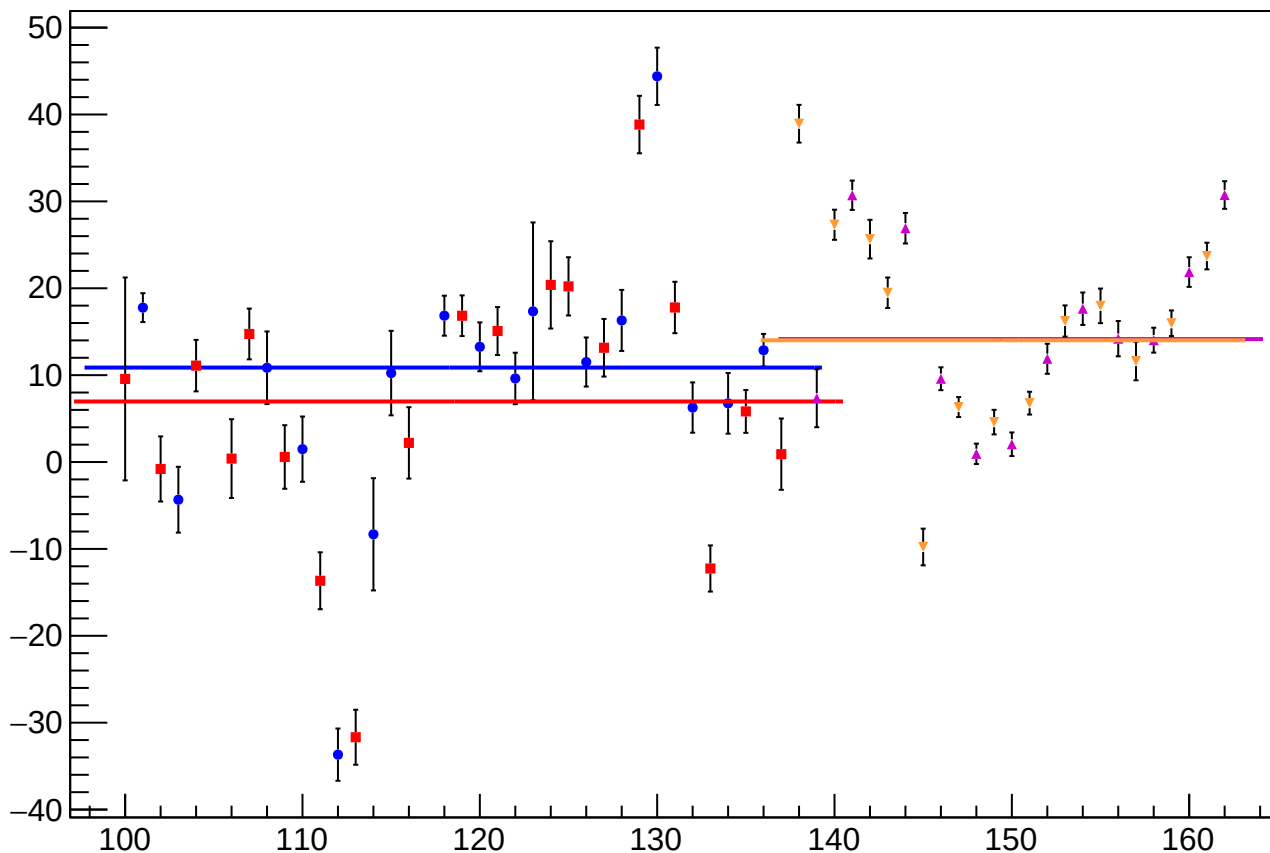
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 133.519 $\pm$ 0.500 χ^2 /NDF: 3194.1/28

Out: 134.905 $\pm$ 0.506 χ^2 /NDF: 3105.5/31

All: 134.203 $\pm$ 0.356 χ^2 /NDF: 6303.5/60

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 14.014 ± 0.457 $\chi^2/\text{NDF}: 522.6/12$

Right Out: 6.969 ± 0.748 $\chi^2/\text{NDF}: 422.3/18$

Left In: 14.151 ± 0.461 $\chi^2/\text{NDF}: 505.5/11$

Left: 14.082 ± 0.325 $\chi^2/\text{NDF}: 1028.1/24$

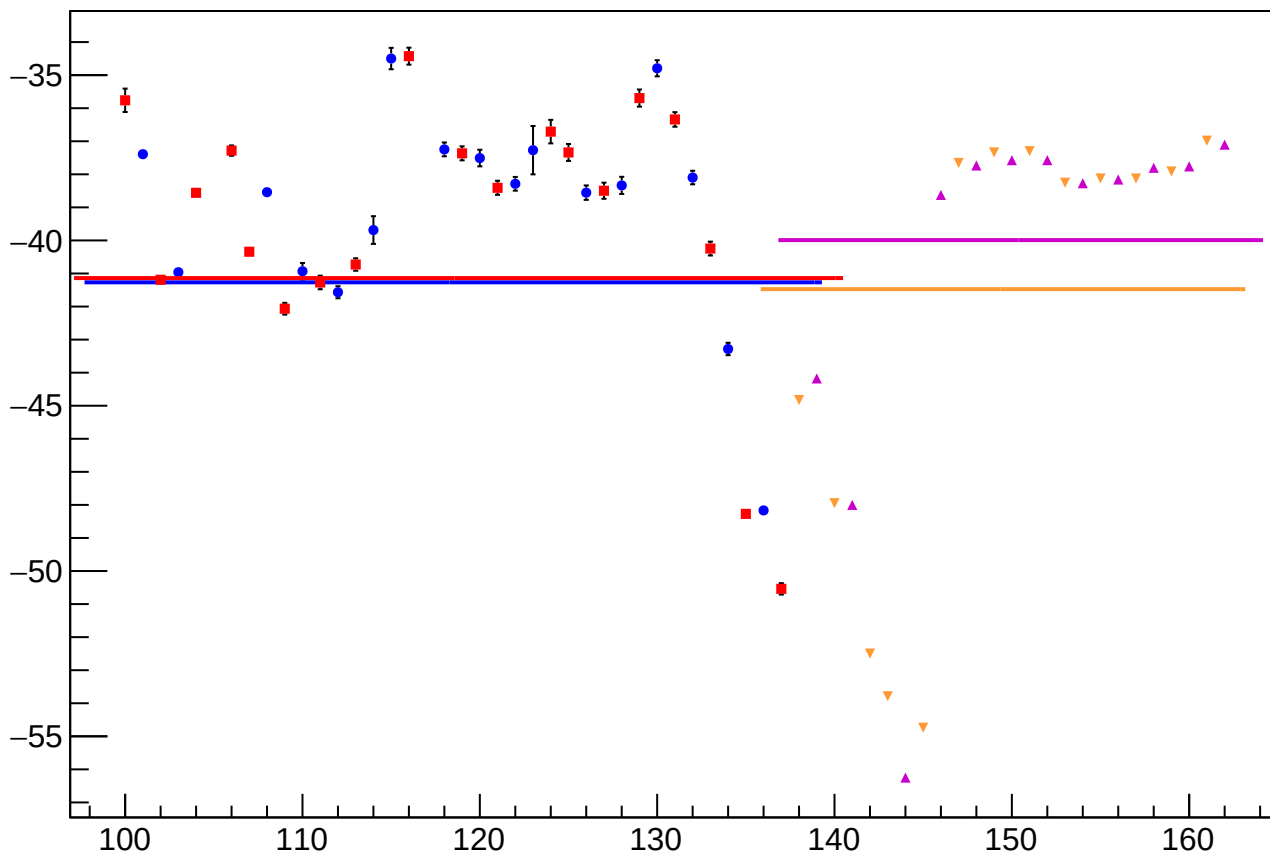
Right: 9.009 ± 0.517 $\chi^2/\text{NDF}: 823.3/35$

In: 13.186 ± 0.388 $\chi^2/\text{NDF}: 907.1/28$

Out: 12.097 ± 0.390 $\chi^2/\text{NDF}: 1009.5/31$

All: 12.645 ± 0.275 $\chi^2/\text{NDF}: 1920.5/60$

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.474 ± 0.022 $\chi^2/\text{NDF}: 76254.2/12$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.990 ± 0.022 $\chi^2/\text{NDF}: 48265.5/11$

Left: -40.718 ± 0.016 $\chi^2/\text{NDF}: 126781.9/24$

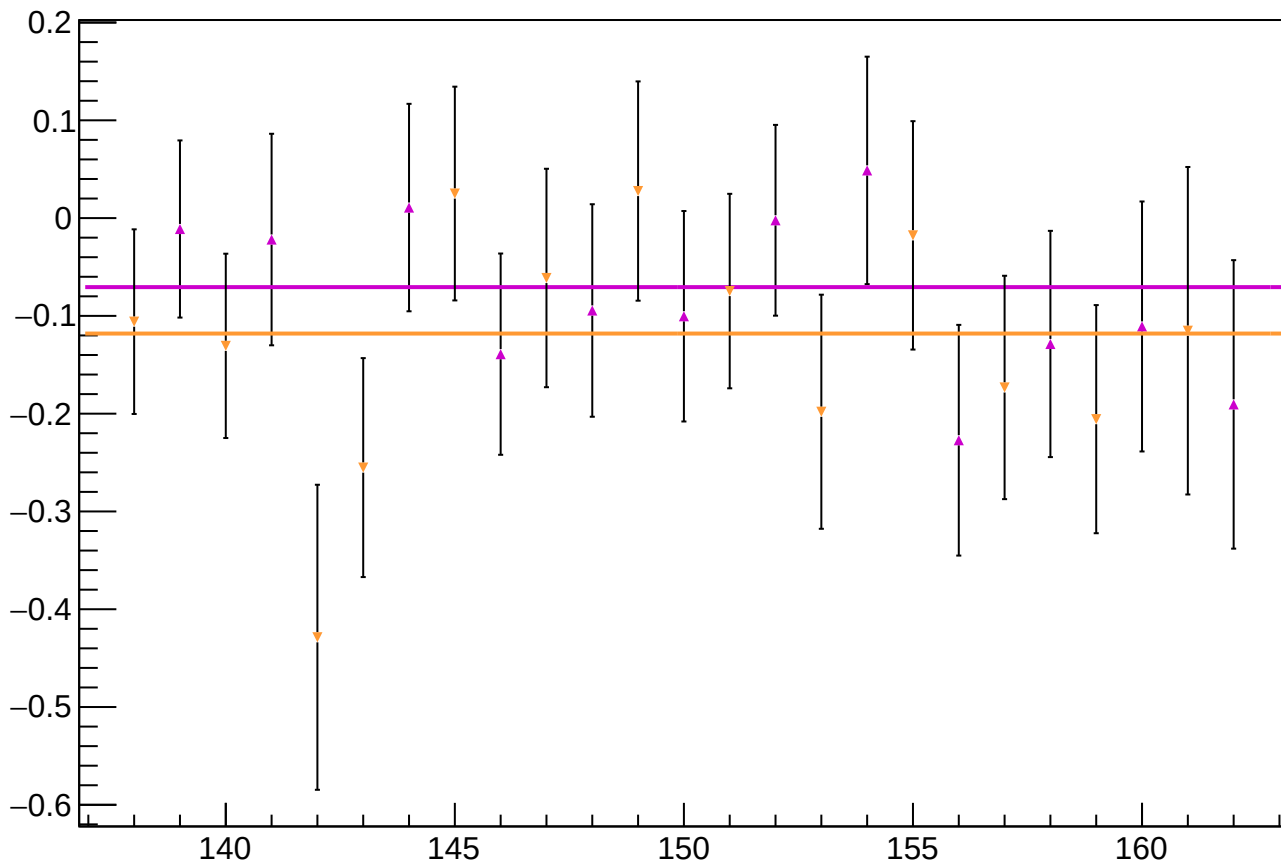
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.301 ± 0.019 $\chi^2/\text{NDF}: 61678.3/28$

Out: -41.390 ± 0.019 $\chi^2/\text{NDF}: 88553.0/31$

All: -40.838 ± 0.014 $\chi^2/\text{NDF}: 151849.9/60$

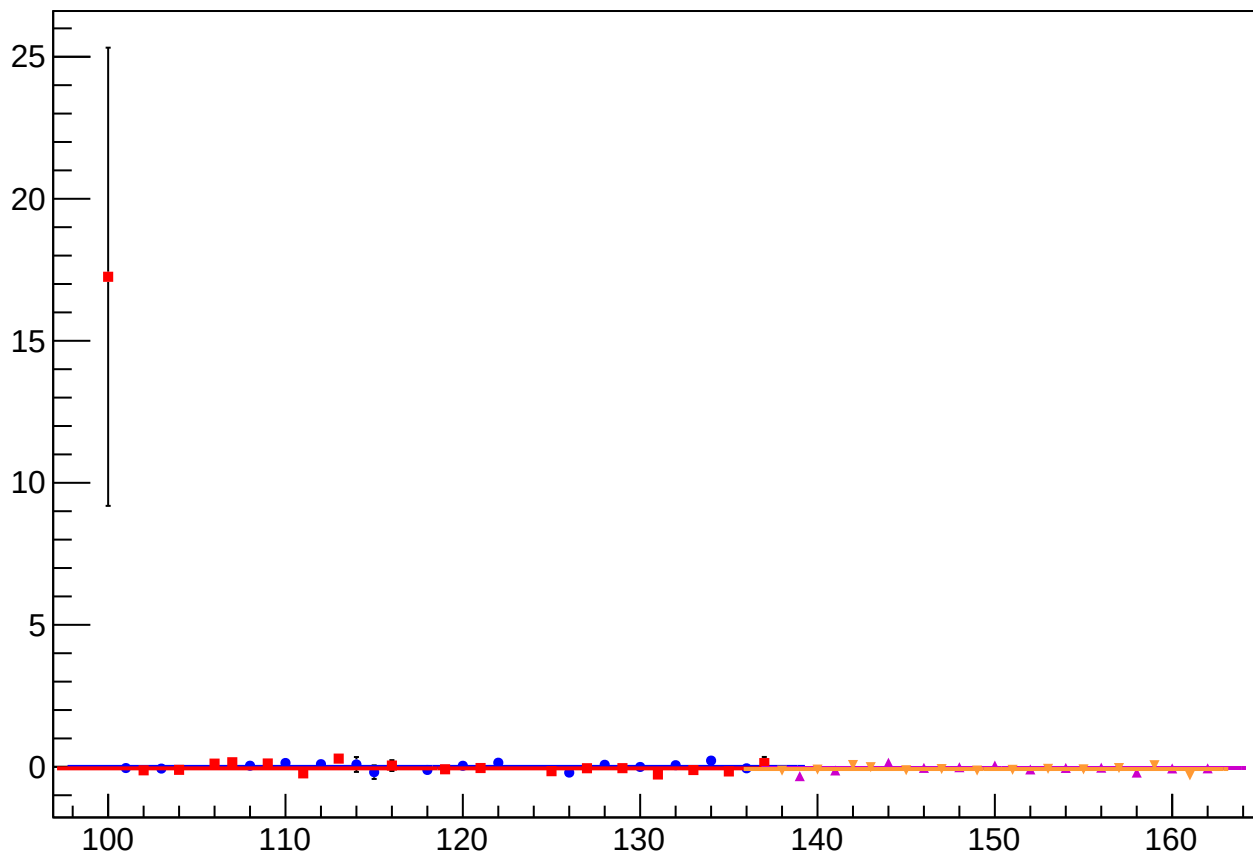
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.118+/-0.031 χ^2/NDF : 11.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.071+/-0.032 χ^2/NDF : 6.1/11

Left: -0.095+/-0.022 χ^2/NDF : 18.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.071+/-0.032 χ^2/NDF : 6.1/11
 Out: -0.118+/-0.031 χ^2/NDF : 11.3/12
 All: -0.095+/-0.022 χ^2/NDF : 18.6/24

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.077 ± 0.021 χ^2/NDF : 10.6/12

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/11

Left: -0.059 ± 0.015 χ^2/NDF : 28.5/24

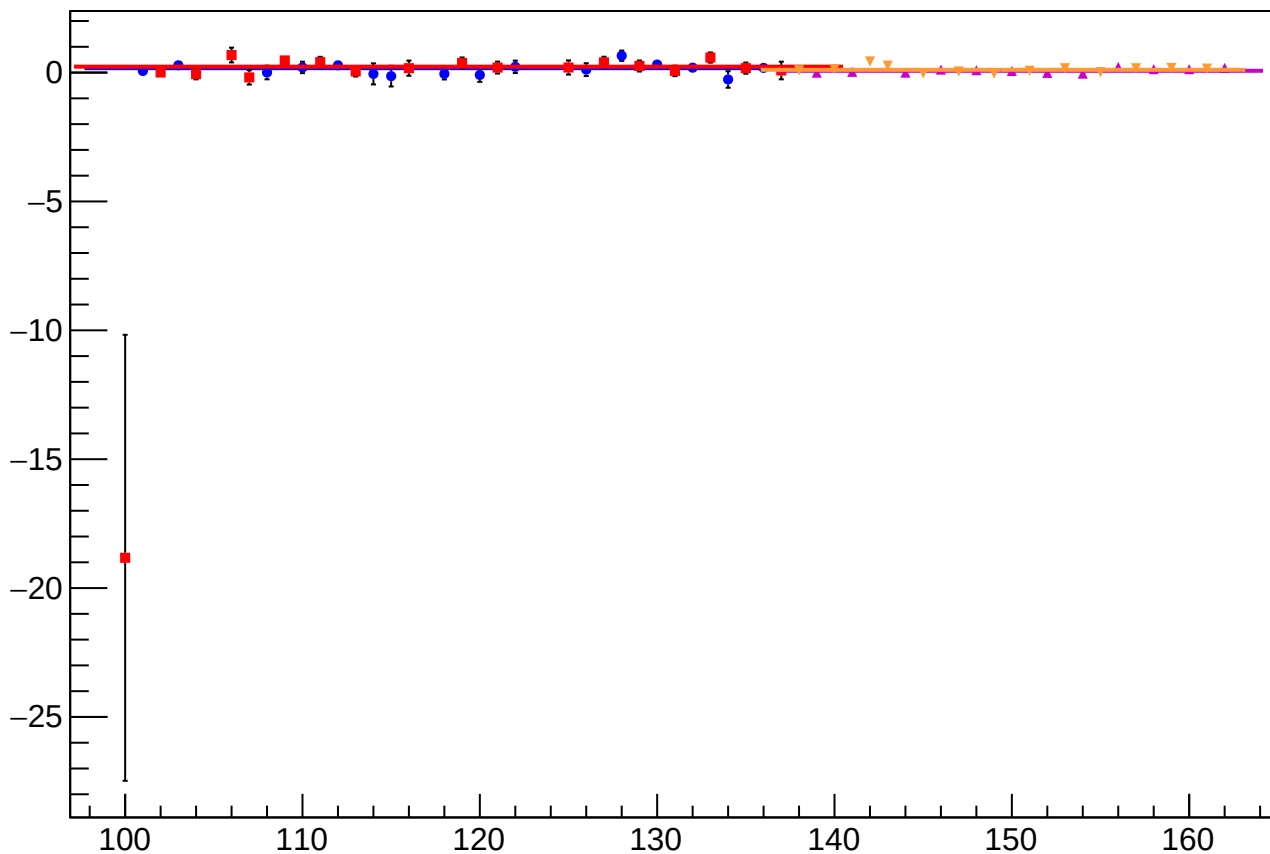
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.026 ± 0.017 χ^2/NDF : 29.7/27

Out: -0.069 ± 0.017 χ^2/NDF : 36.6/30

All: -0.047 ± 0.012 χ^2/NDF : 69.4/58

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.107 $\pm$ 0.031 χ^2 /NDF:11.5/12

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.069 $\pm$ 0.031 χ^2 /NDF:6.3/11

Left: 0.088 $\pm$ 0.022 χ^2 /NDF: 18.5/24

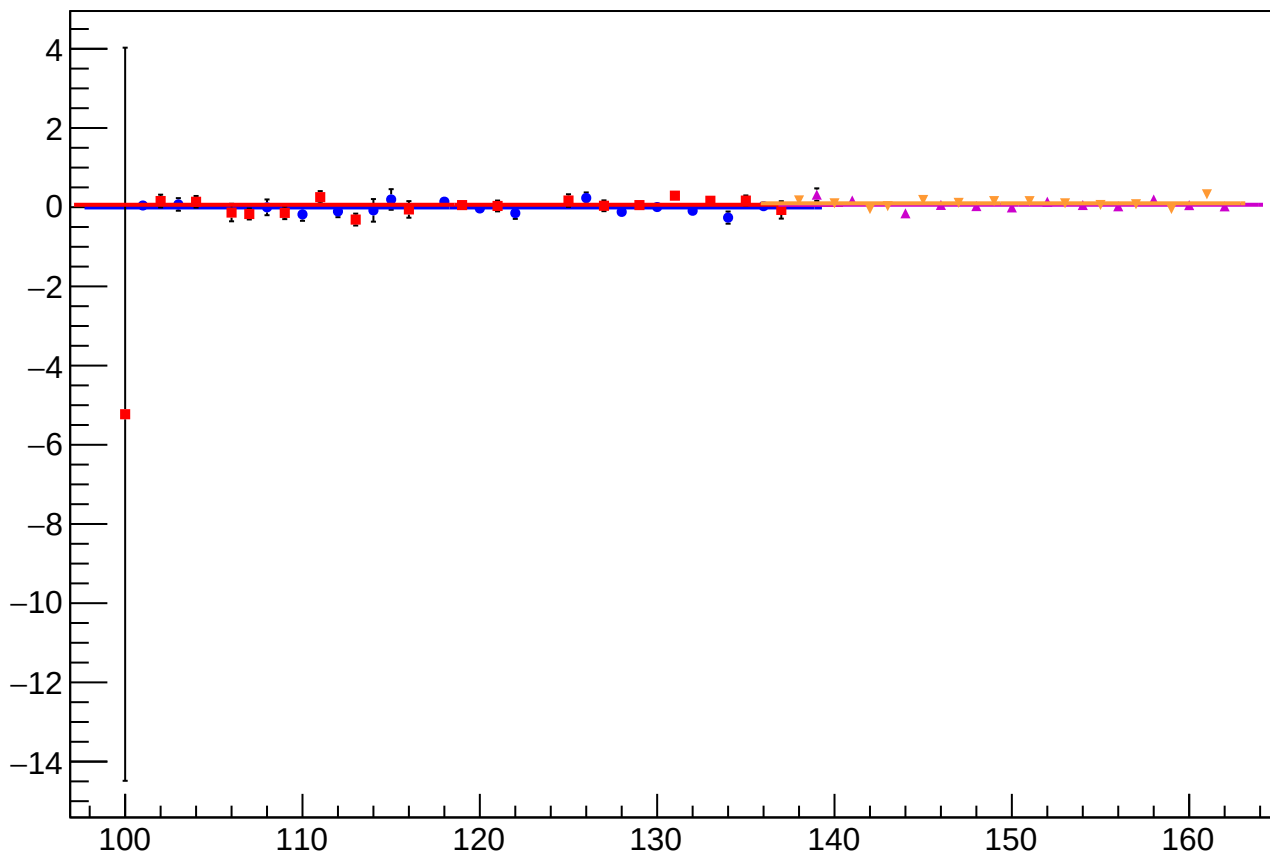
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.095 $\pm$ 0.027 χ^2 /NDF:22.0/27

Out: 0.137 $\pm$ 0.027 χ^2 /NDF:37.0/30

All: 0.116 $\pm$ 0.019 χ^2 /NDF: 60.3/58

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.026 χ^2/NDF : 10.5/12

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.062 ± 0.026 χ^2/NDF : 14.2/11

Left: 0.080 ± 0.018 χ^2/NDF : 25.7/24

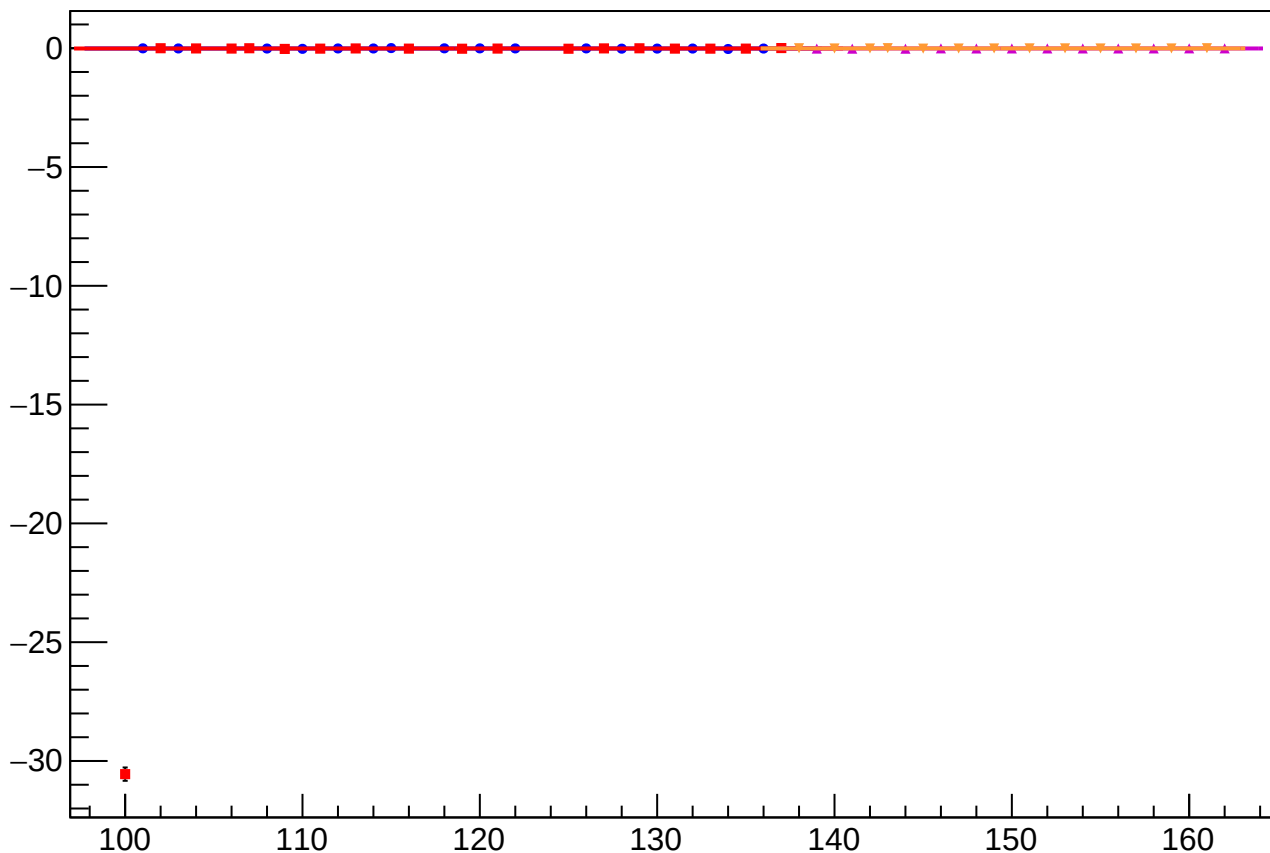
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.035 ± 0.020 χ^2/NDF : 30.0/27

Out: 0.085 ± 0.020 χ^2/NDF : 31.6/30

All: 0.060 ± 0.014 χ^2/NDF : 64.6/58

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:15.2/12

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:11.9/11

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 29.8/24

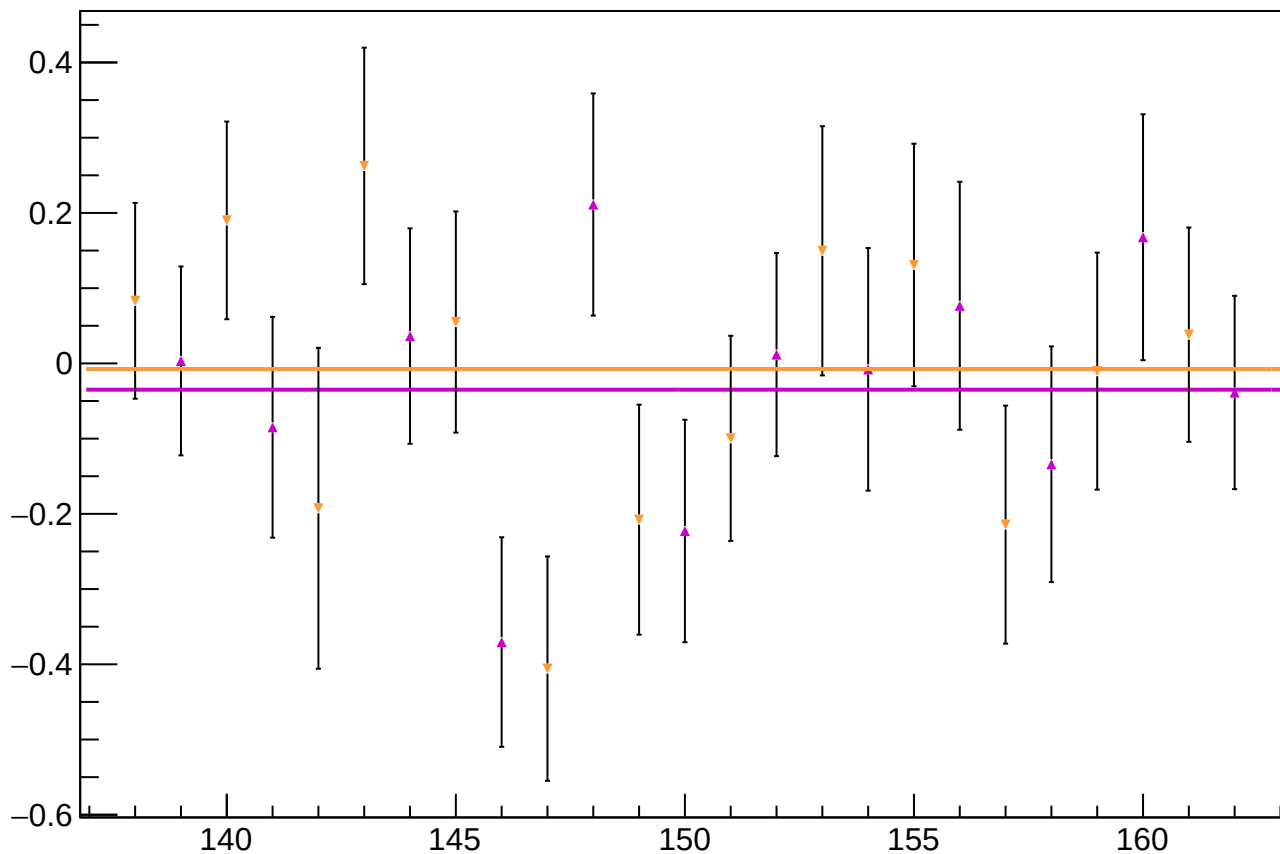
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:25.0/27

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11909.5/30

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11936.4/58

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: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12

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: -0.021 $\pm$ 0.030 χ^2 /NDF: 32.8/24

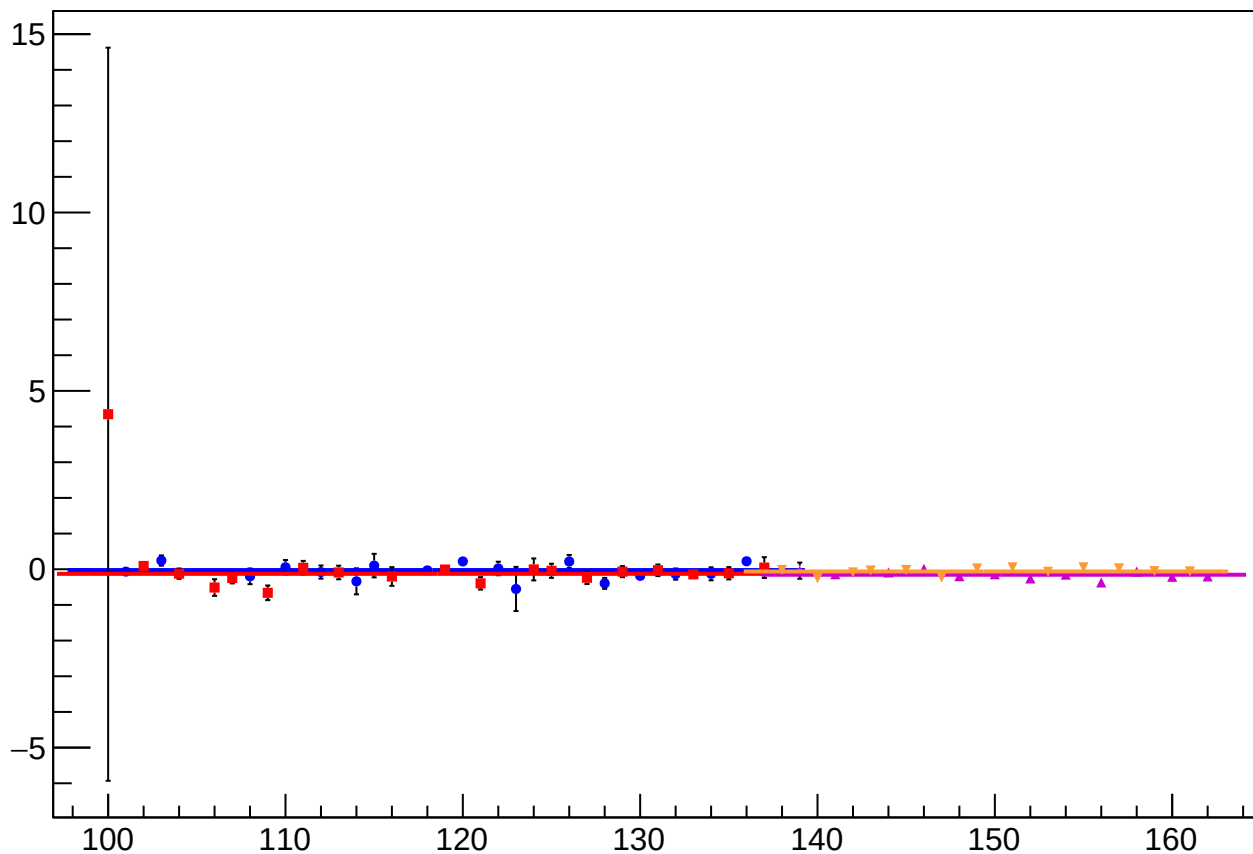
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11

Out: -0.007 $\pm$ 0.042 χ^2 /NDF:19.4/12

All: -0.021 $\pm$ 0.030 χ^2 /NDF: 32.8/24

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.063 ± 0.029 χ^2/NDF : 13.8/12

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.154 ± 0.029 χ^2/NDF : 10.9/11

Left: -0.107 ± 0.020 χ^2/NDF : 29.7/24

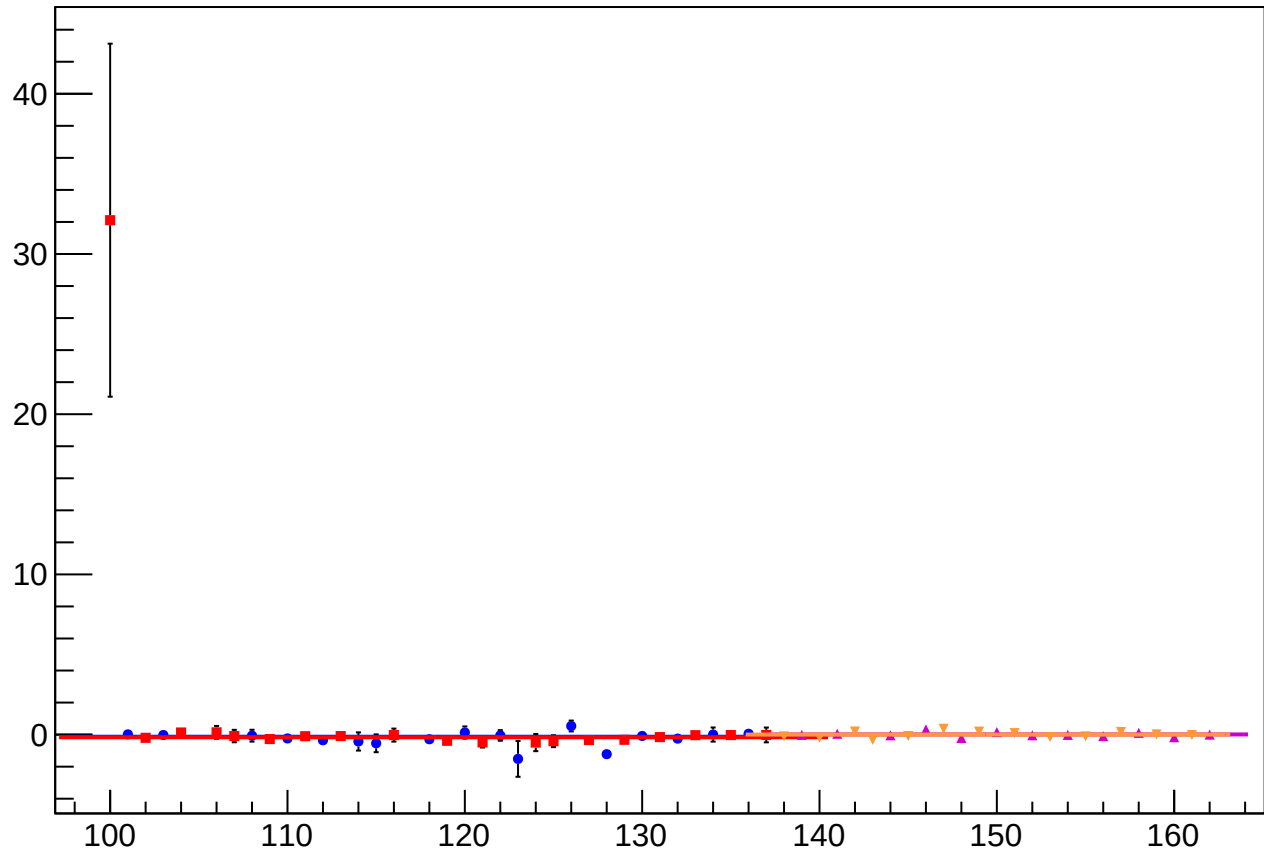
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.103 ± 0.023 χ^2/NDF : 41.2/28

Out: -0.085 ± 0.023 χ^2/NDF : 34.5/31

All: -0.094 ± 0.016 χ^2/NDF : 75.9/60

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.003 ± 0.041 $\chi^2/\text{NDF}: 19.2/12$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.011 ± 0.041 $\chi^2/\text{NDF}: 11.8/11$

Left: 0.007 ± 0.029 $\chi^2/\text{NDF}: 31.0/24$

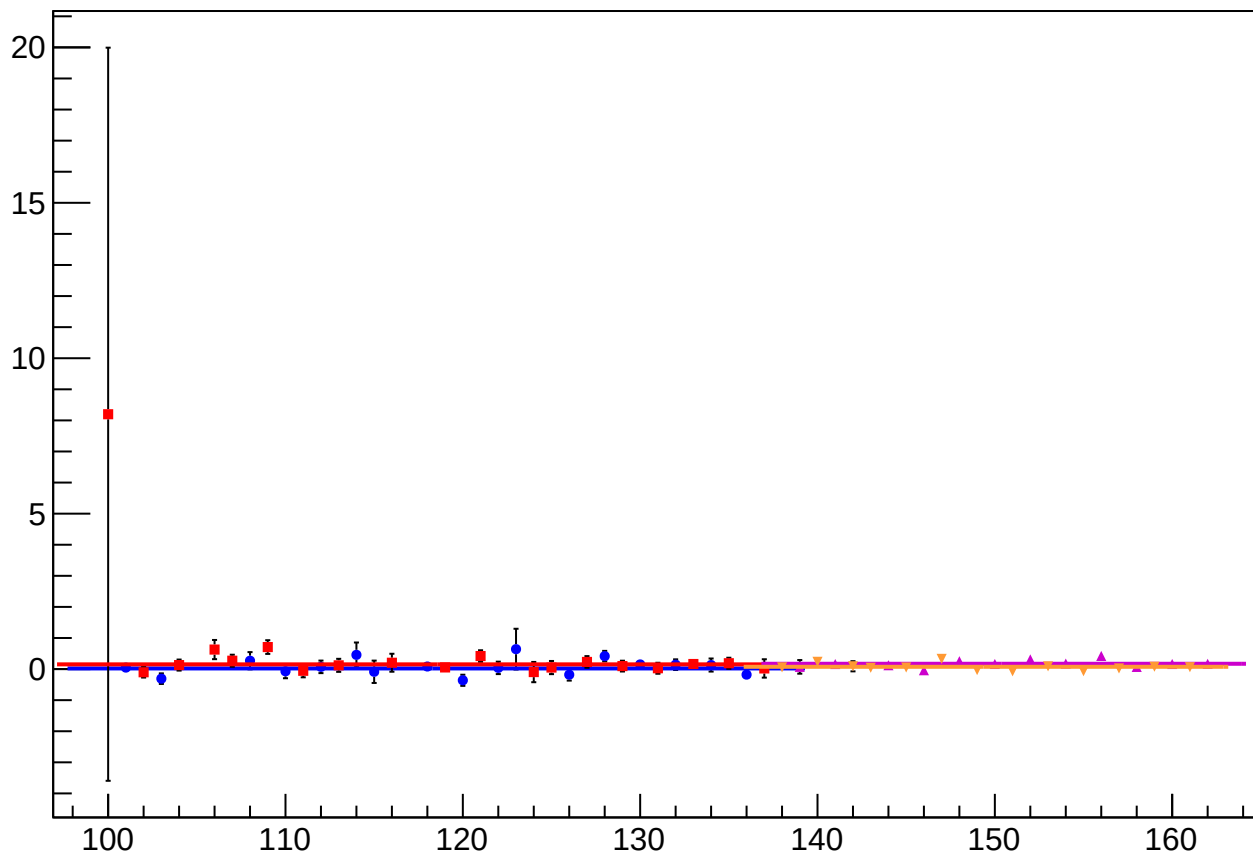
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.028 ± 0.035 $\chi^2/\text{NDF}: 40.9/28$

Out: -0.040 ± 0.036 $\chi^2/\text{NDF}: 38.1/31$

All: -0.034 ± 0.025 $\chi^2/\text{NDF}: 79.1/60$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.073 $\pm$ 0.034 χ^2 /NDF:12.7/12

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.171 $\pm$ 0.034 χ^2 /NDF:10.9/11

Left: 0.121 $\pm$ 0.024 χ^2 /NDF: 27.6/24

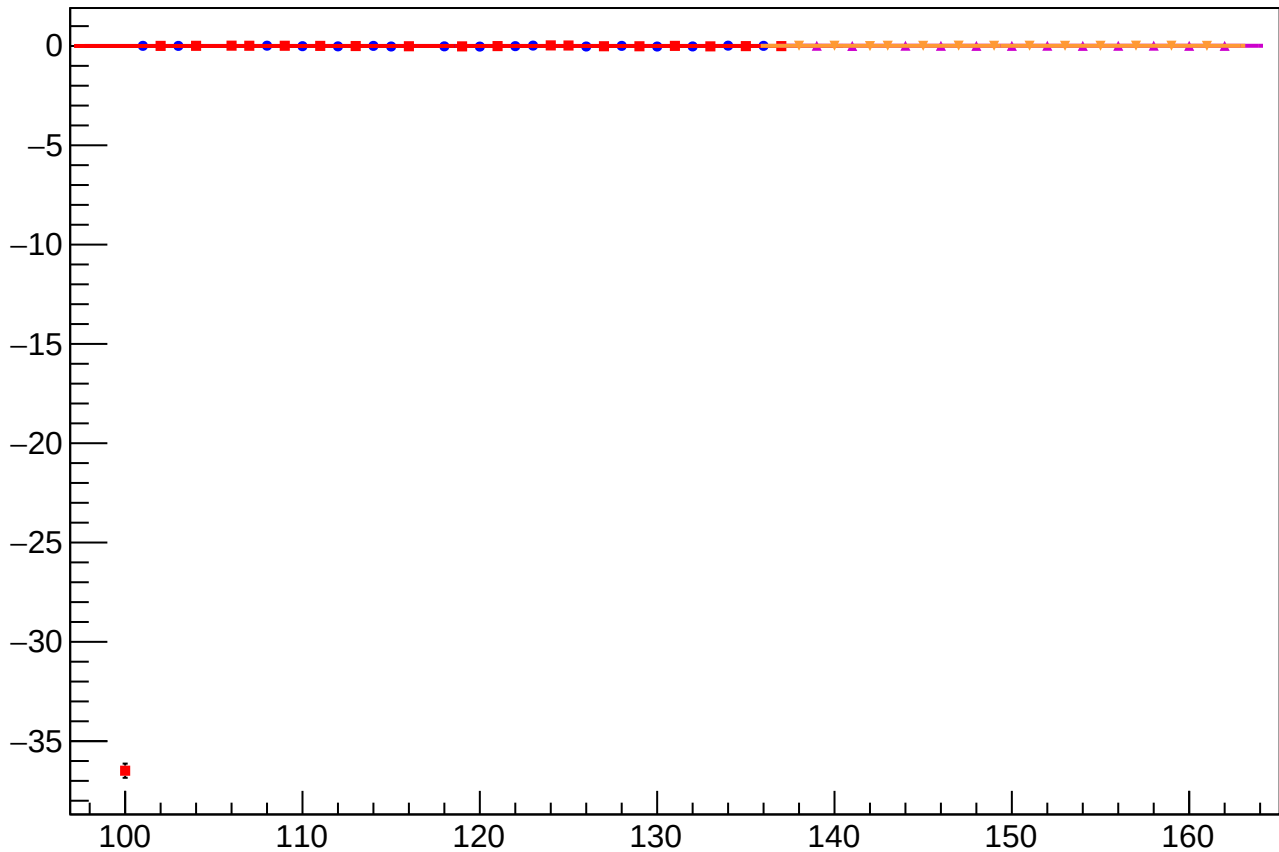
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.110 $\pm$ 0.027 χ^2 /NDF:40.3/28

Out: 0.102 $\pm$ 0.027 χ^2 /NDF:31.9/31

All: 0.106 $\pm$ 0.019 χ^2 /NDF: 72.2/60

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.4/12

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/11

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 11.8/24

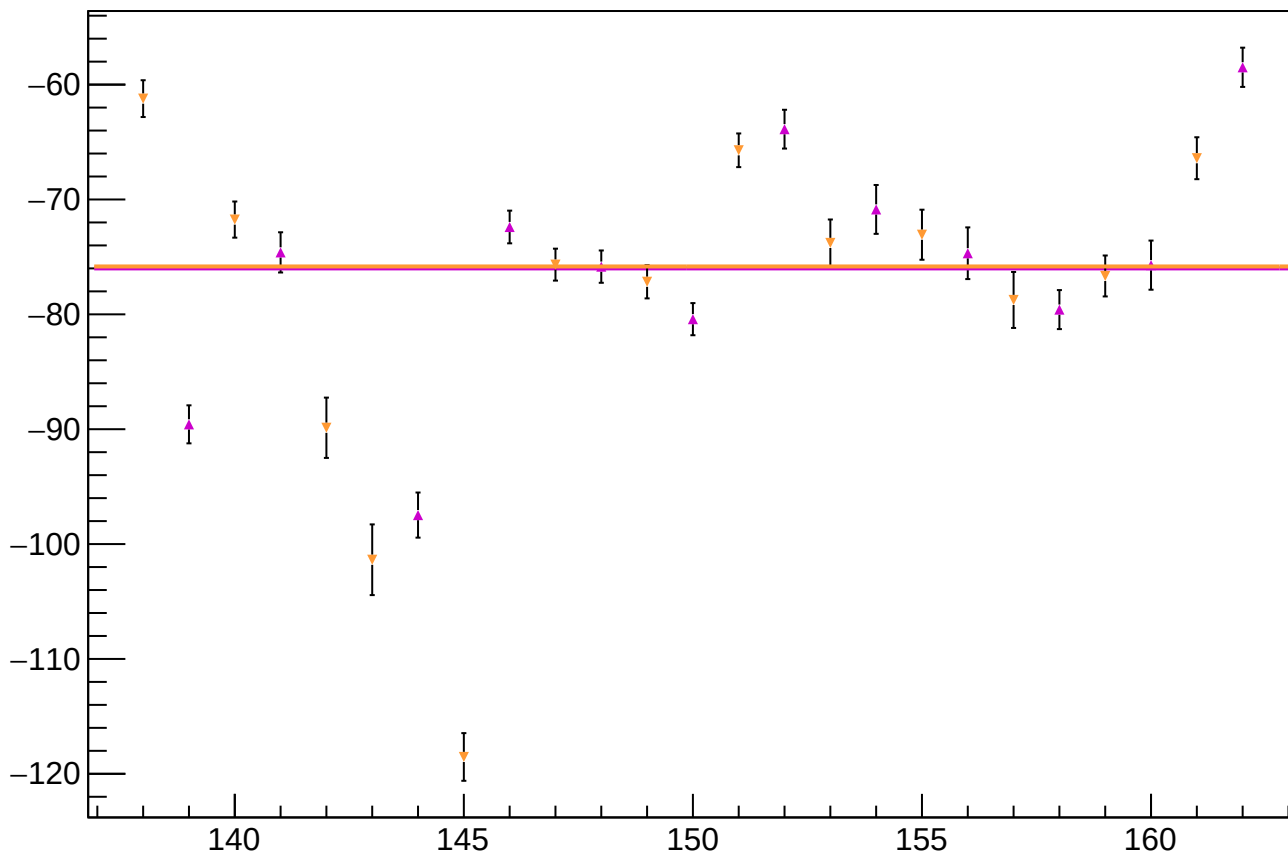
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/28

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.7/31

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10518.0/60

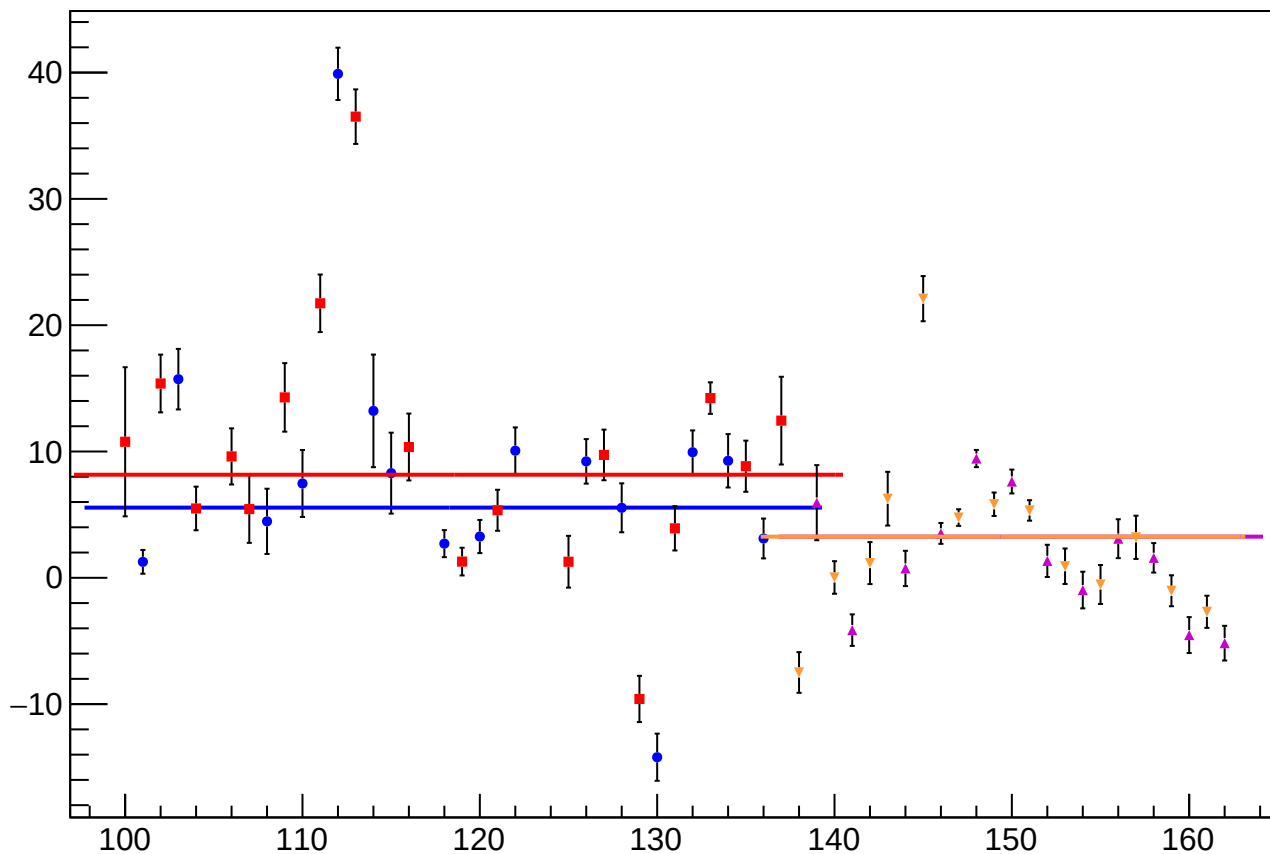
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.831+/-0.502 χ^2/NDF : 690.1/12
 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: -75.918+/-0.351 χ^2/NDF : 1061.3/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -76.001+/-0.492 χ^2/NDF : 371.2/11
 Out: -75.831+/-0.502 χ^2/NDF : 690.1/12
 All: -75.918+/-0.351 χ^2/NDF : 1061.3/24

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 3.259 ± 0.326 $\chi^2/\text{NDF}: 227.8/12$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 3.259 ± 0.328 $\chi^2/\text{NDF}: 223.5/11$

Left: 3.259 ± 0.231 $\chi^2/\text{NDF}: 451.3/24$

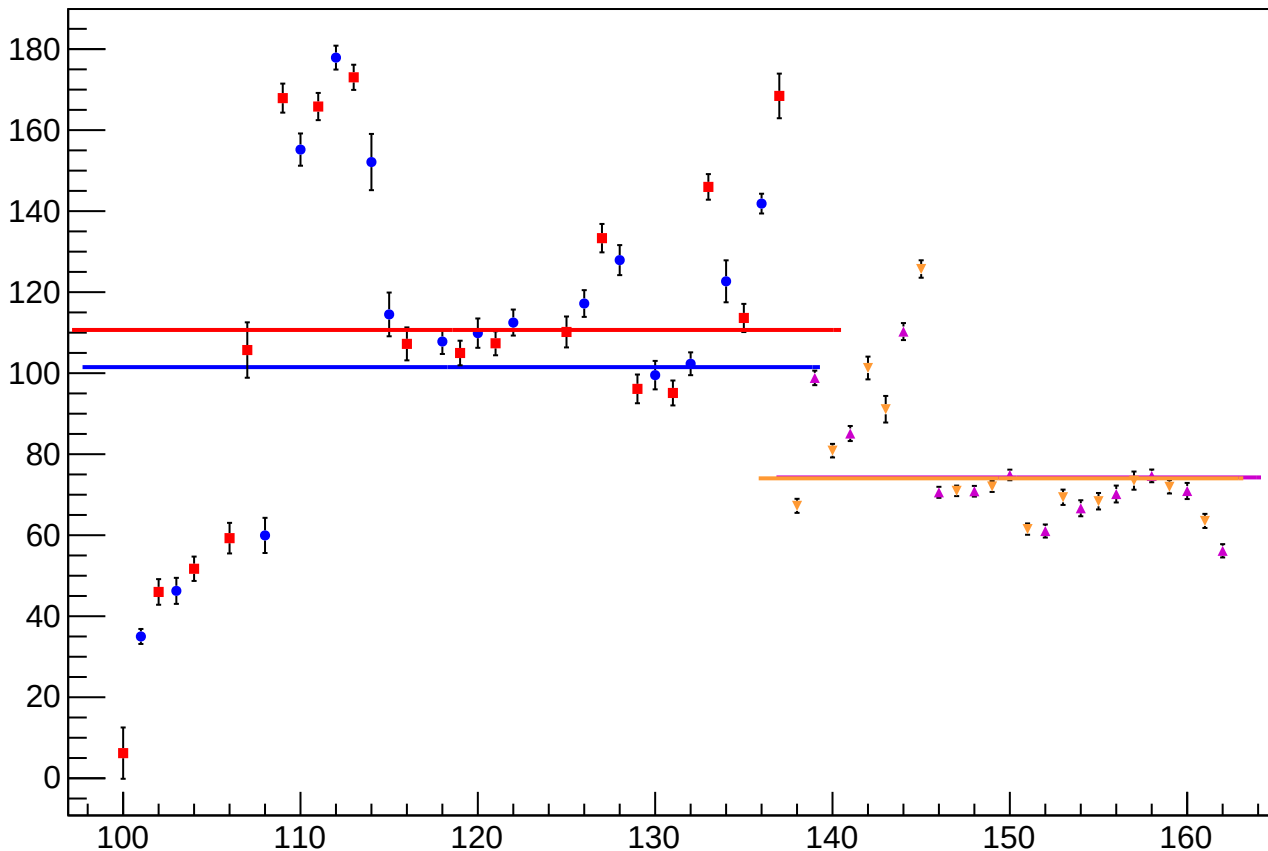
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.120 ± 0.260 $\chi^2/\text{NDF}: 703.9/27$

Out: 4.930 ± 0.264 $\chi^2/\text{NDF}: 712.0/30$

All: 4.517 ± 0.185 $\chi^2/\text{NDF}: 1420.6/58$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 ± 0.808 χ^2/NDF : 2973.0/15

Left Out: 74.038 ± 0.489 χ^2/NDF : 868.3/12

Right Out: 110.670 ± 0.836 χ^2/NDF : 2513.7/17

Left In: 74.267 ± 0.475 χ^2/NDF : 739.8/11

Left: 74.156 ± 0.341 χ^2/NDF : 1608.3/24

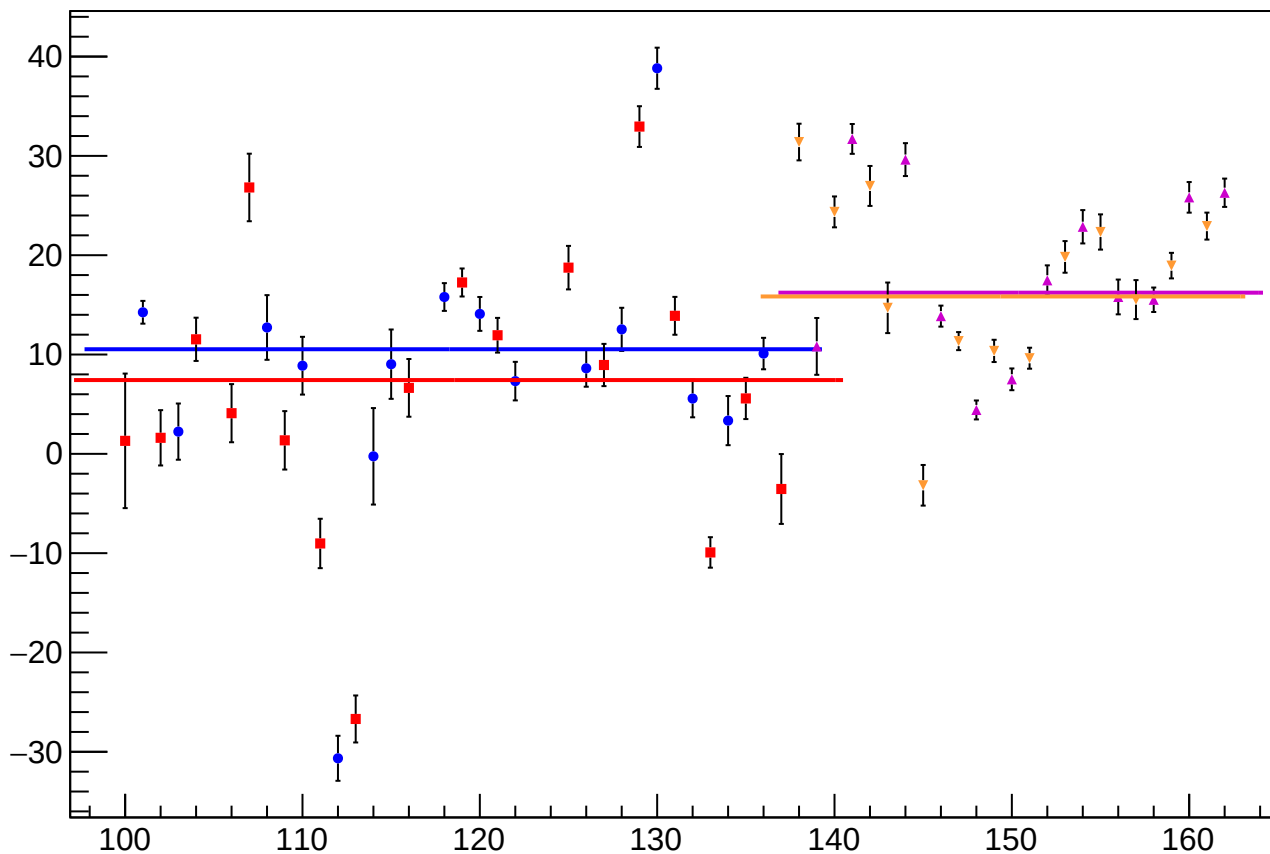
Right: 105.929 ± 0.581 χ^2/NDF : 5549.0/33

In: 81.266 ± 0.410 χ^2/NDF : 4556.0/27

Out: 83.365 ± 0.422 χ^2/NDF : 4813.7/30

All: 82.285 ± 0.294 χ^2/NDF : 9382.5/58

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 15.846 ± 0.396 $\chi^2/\text{NDF}: 353.9/12$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 16.227 ± 0.394 $\chi^2/\text{NDF}: 502.2/11$

Left: 16.038 ± 0.279 $\chi^2/\text{NDF}: 856.5/24$

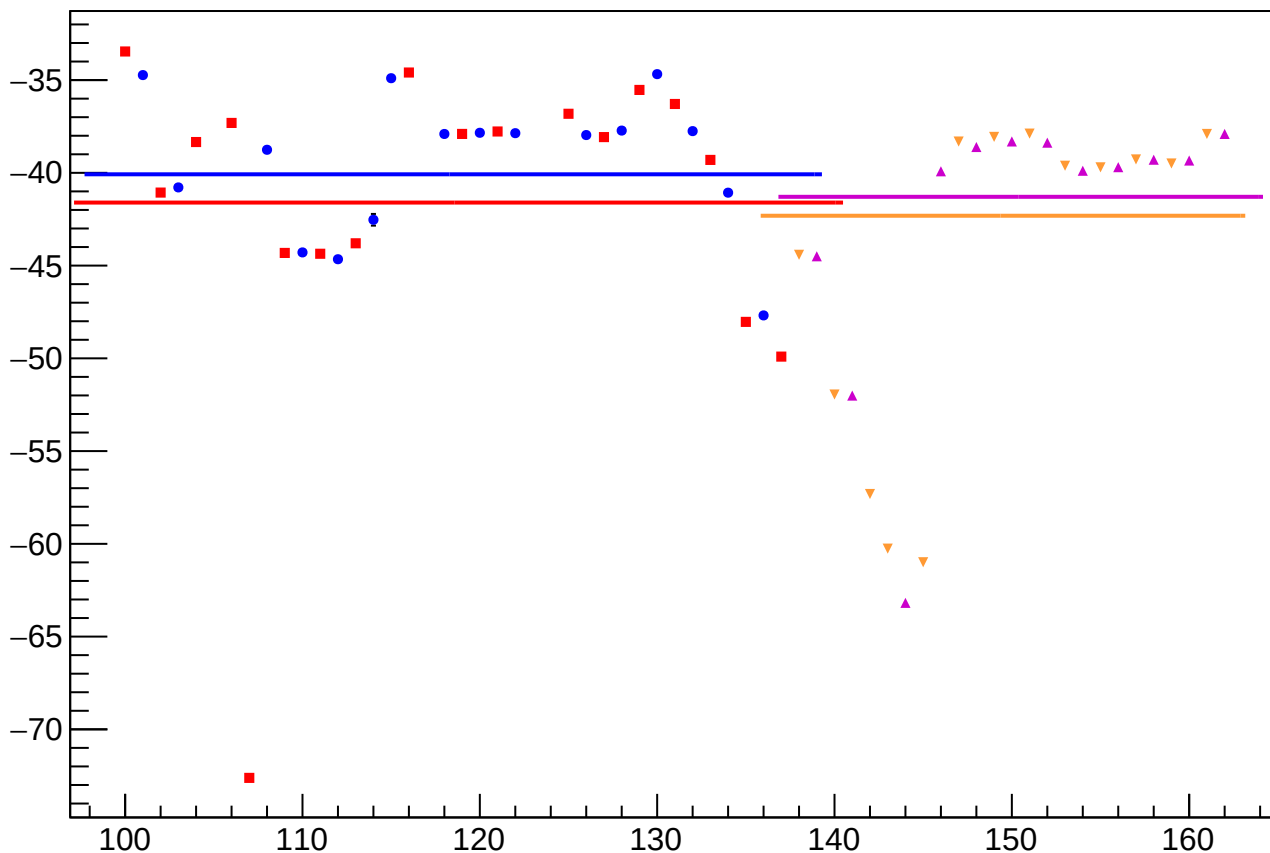
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 14.009 ± 0.308 $\chi^2/\text{NDF}: 1164.0/27$

Out: 12.780 ± 0.316 $\chi^2/\text{NDF}: 1204.0/30$

All: 13.411 ± 0.220 $\chi^2/\text{NDF}: 2375.8/58$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -42.313 ± 0.020 χ^2/NDF : 128591.3/12

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -41.292 ± 0.019 χ^2/NDF : 92615.7/11

Left: -41.782 ± 0.014 χ^2/NDF : 222625.2/24

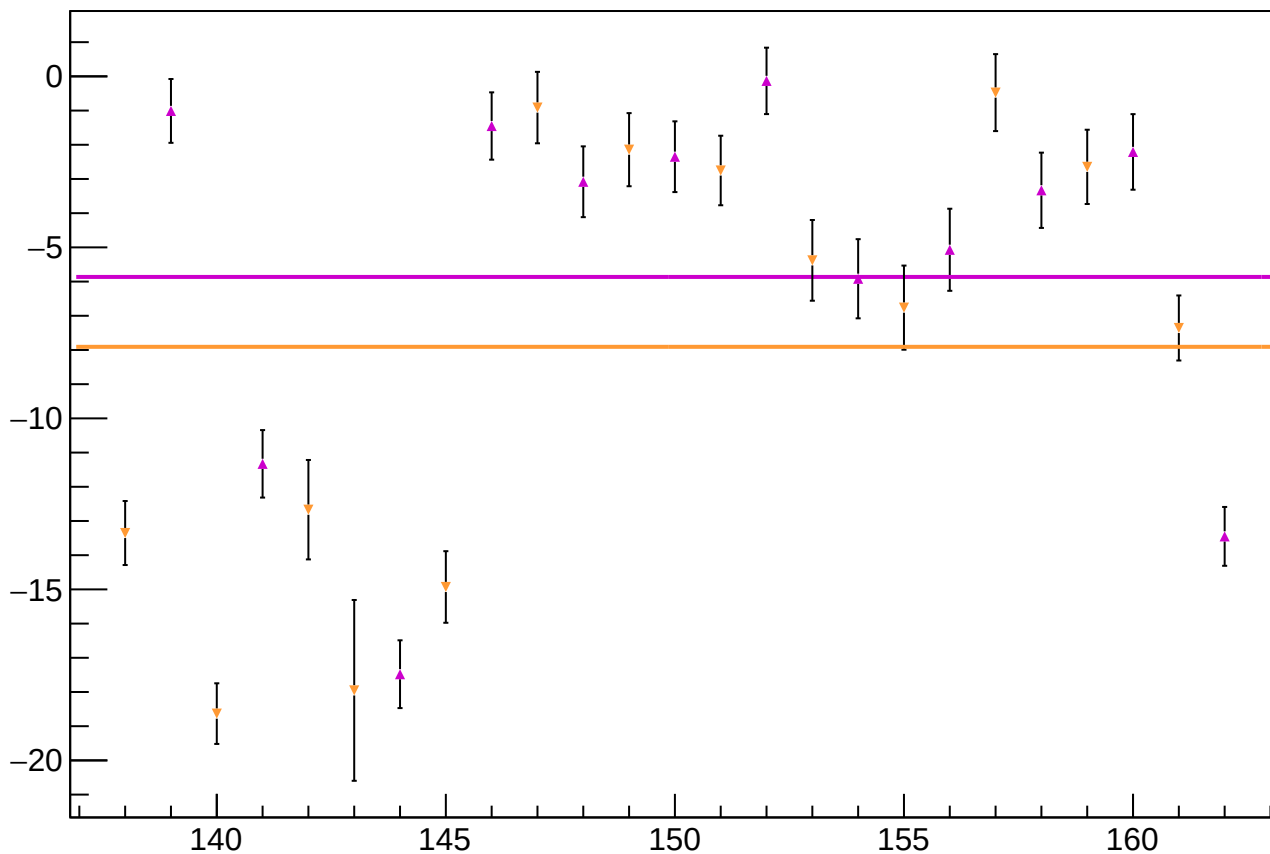
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.919 ± 0.016 χ^2/NDF : 119043.5/27

Out: -42.086 ± 0.016 χ^2/NDF : 190868.7/30

All: -41.485 ± 0.011 χ^2/NDF : 312610.0/58

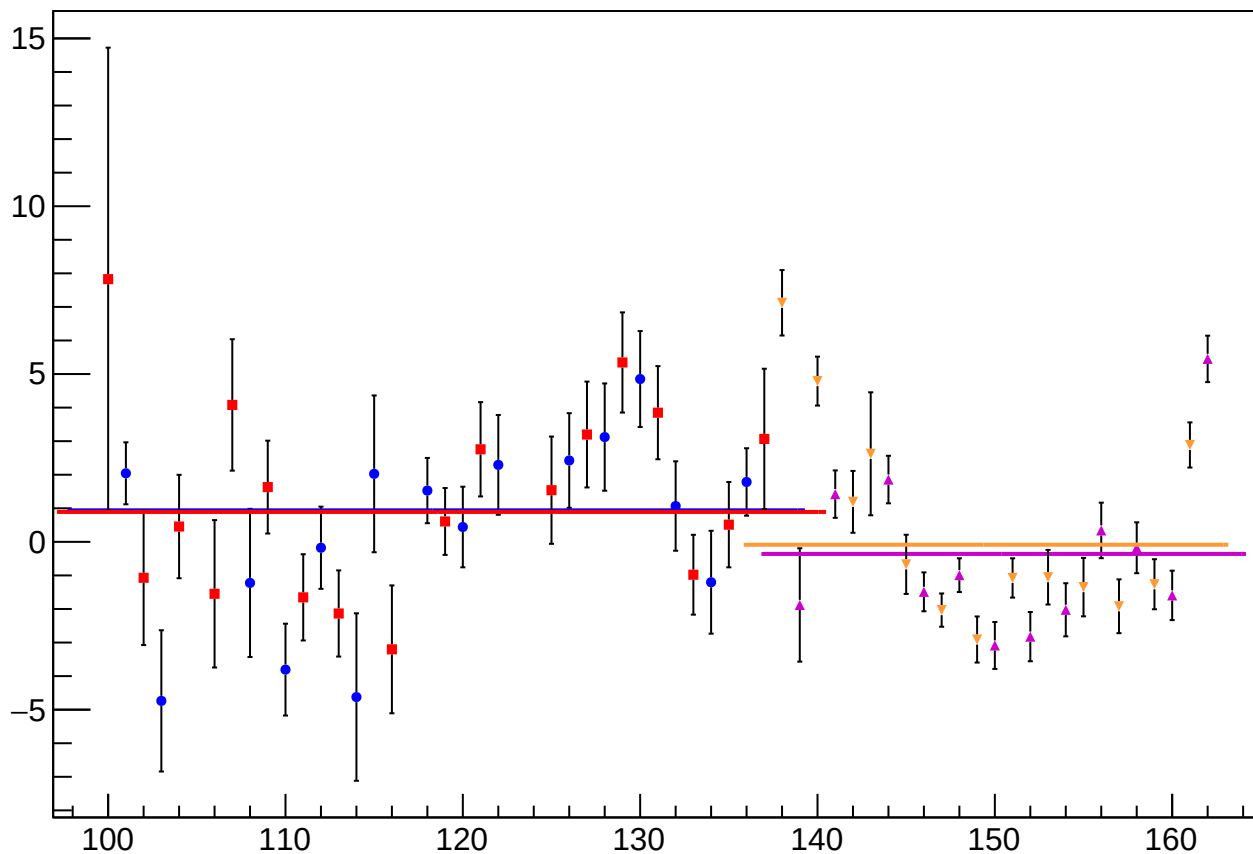
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.908 $\pm$ 0.304 χ^2 /NDF:422.9/12
 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: -6.851 $\pm$ 0.211 χ^2 /NDF: 809.5/24
 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: -7.908 $\pm$ 0.304 χ^2 /NDF:422.9/12
 All: -6.851 $\pm$ 0.211 χ^2 /NDF: 809.5/24

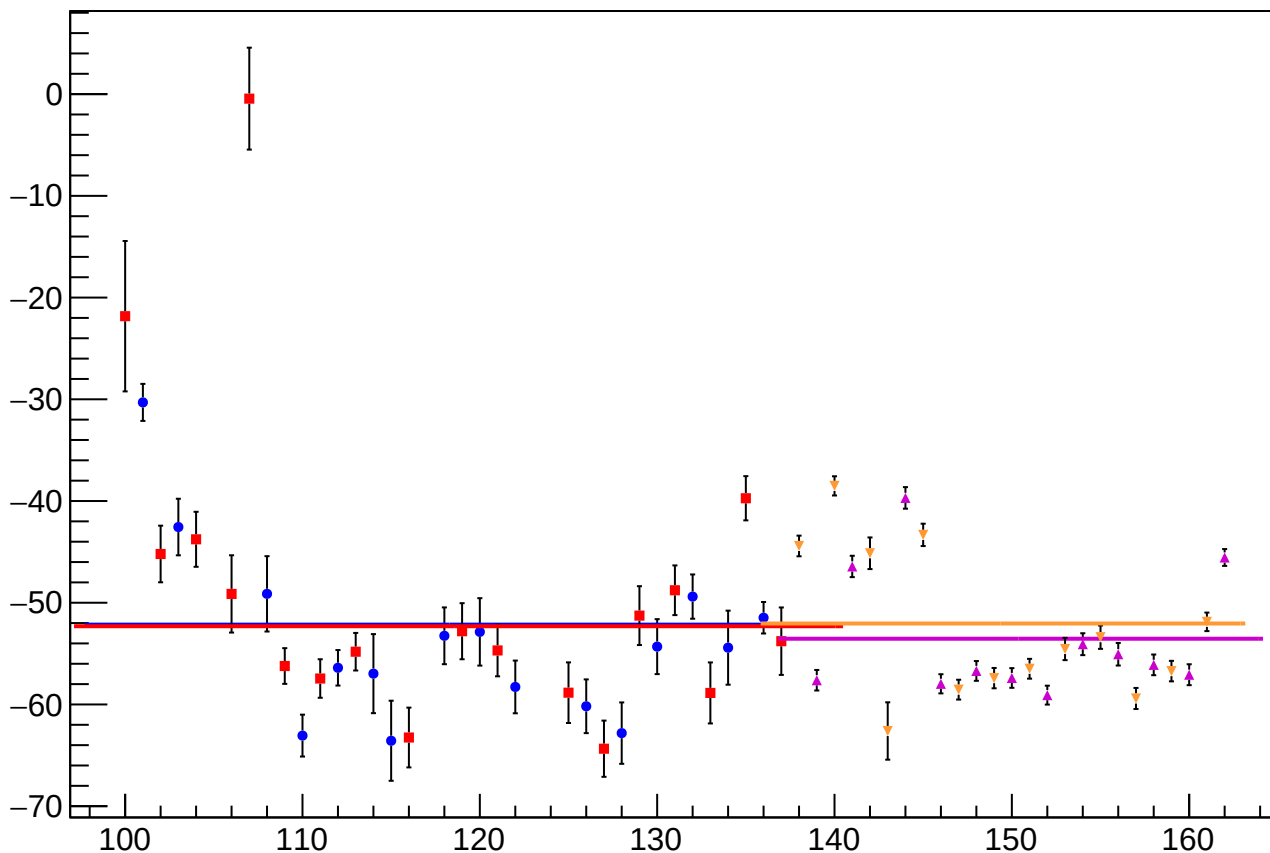
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: -0.086 ± 0.208 $\chi^2/\text{NDF}: 170.0/12$
 Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$
 Left In: -0.360 ± 0.204 $\chi^2/\text{NDF}: 127.4/11$

Left: -0.225 ± 0.146 $\chi^2/\text{NDF}: 298.3/24$
 Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$
 In: -0.013 ± 0.175 $\chi^2/\text{NDF}: 180.4/27$
 Out: 0.165 ± 0.179 $\chi^2/\text{NDF}: 217.2/30$
 All: 0.074 ± 0.125 $\chi^2/\text{NDF}: 398.2/58$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 $\chi^2/\text{NDF}: 231.1/15$

Left Out: -52.040 ± 0.298 $\chi^2/\text{NDF}: 531.3/12$

Right Out: -52.310 ± 0.616 $\chi^2/\text{NDF}: 234.8/17$

Left In: -53.539 ± 0.286 $\chi^2/\text{NDF}: 430.3/11$

Left: -52.820 ± 0.206 $\chi^2/\text{NDF}: 974.9/24$

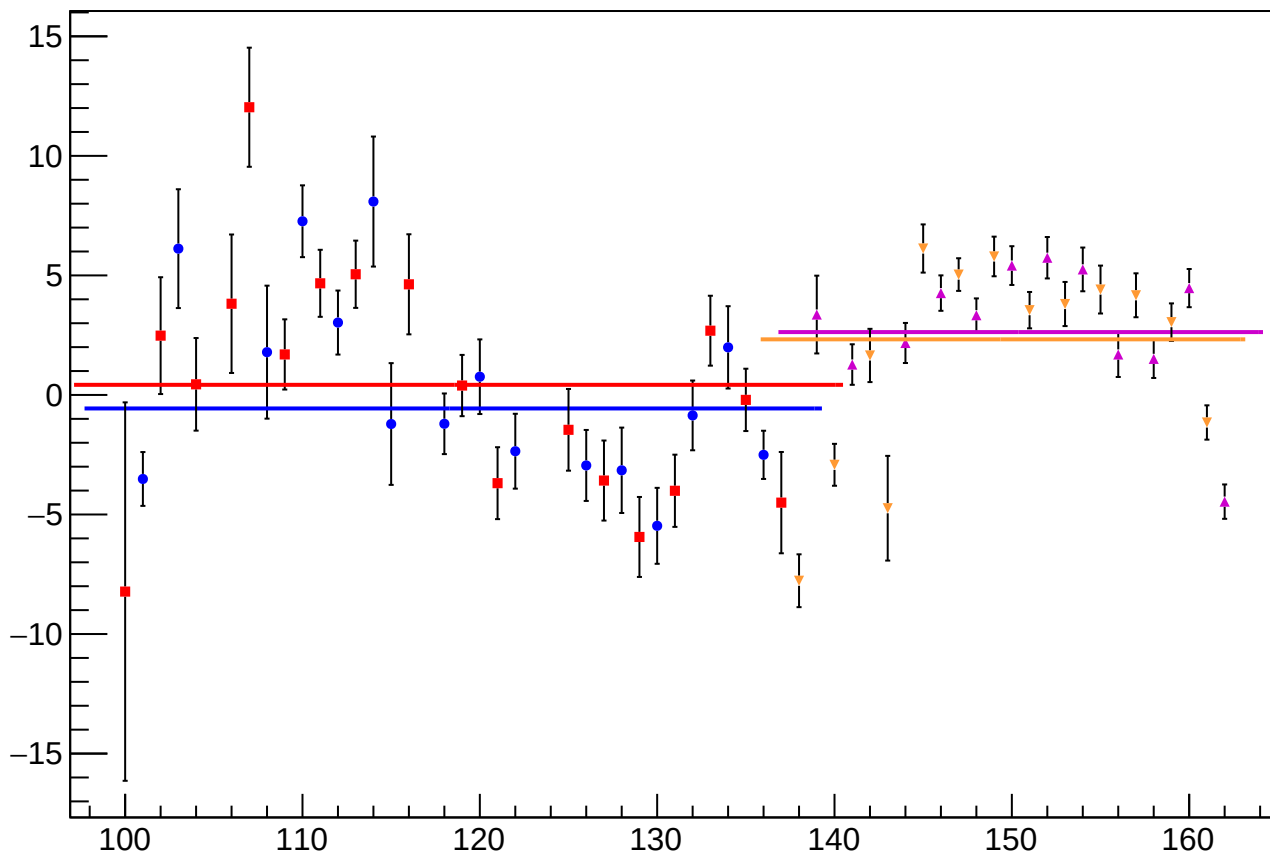
Right: -52.232 ± 0.434 $\chi^2/\text{NDF}: 465.9/33$

In: -53.292 ± 0.259 $\chi^2/\text{NDF}: 665.6/27$

Out: -52.091 ± 0.268 $\chi^2/\text{NDF}: 766.3/30$

All: -52.712 ± 0.186 $\chi^2/\text{NDF}: 1442.3/58$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.326 ± 0.247 χ^2/NDF : 215.4/12

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 2.629 ± 0.241 χ^2/NDF : 147.3/11

Left: 2.482 ± 0.172 χ^2/NDF : 363.5/24

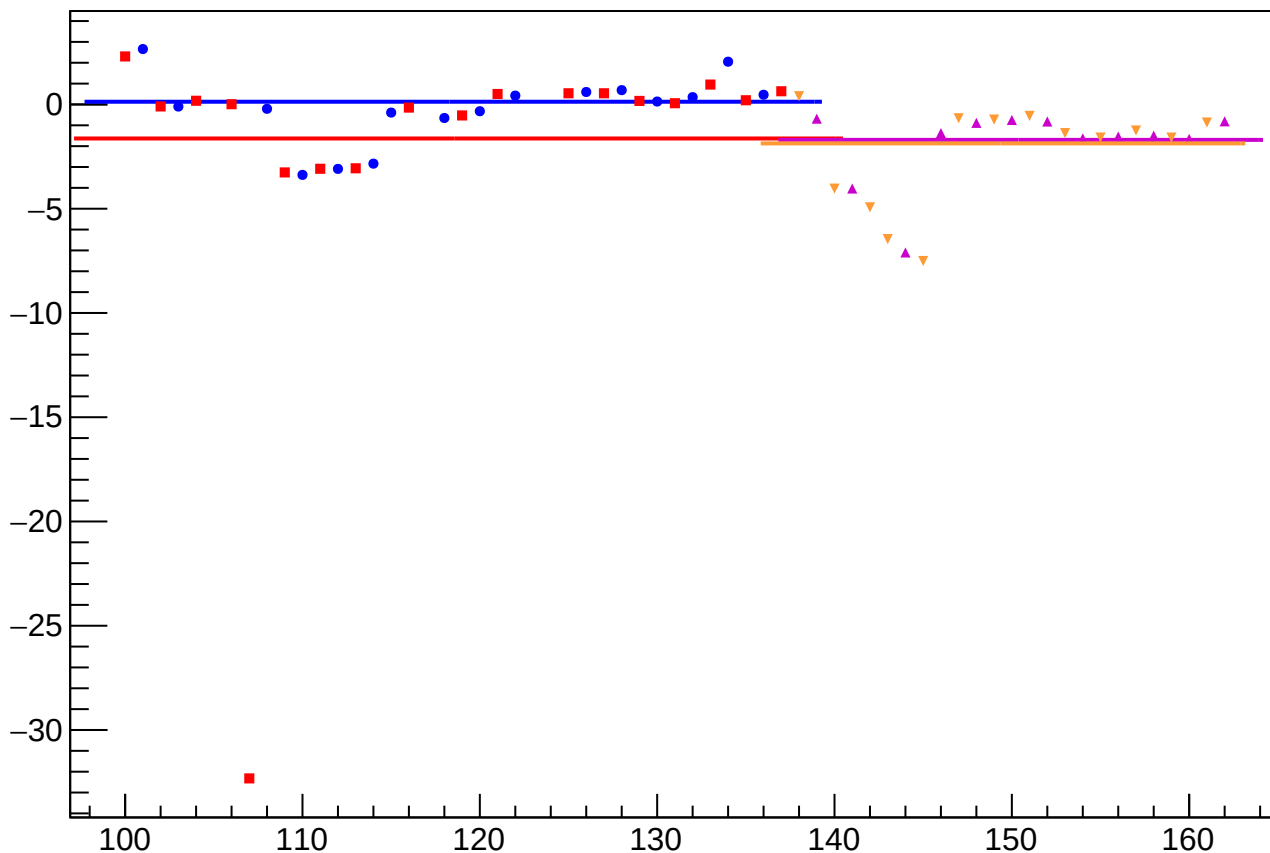
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.731 ± 0.204 χ^2/NDF : 278.8/27

Out: 1.799 ± 0.210 χ^2/NDF : 327.1/30

All: 1.764 ± 0.146 χ^2/NDF : 605.9/58

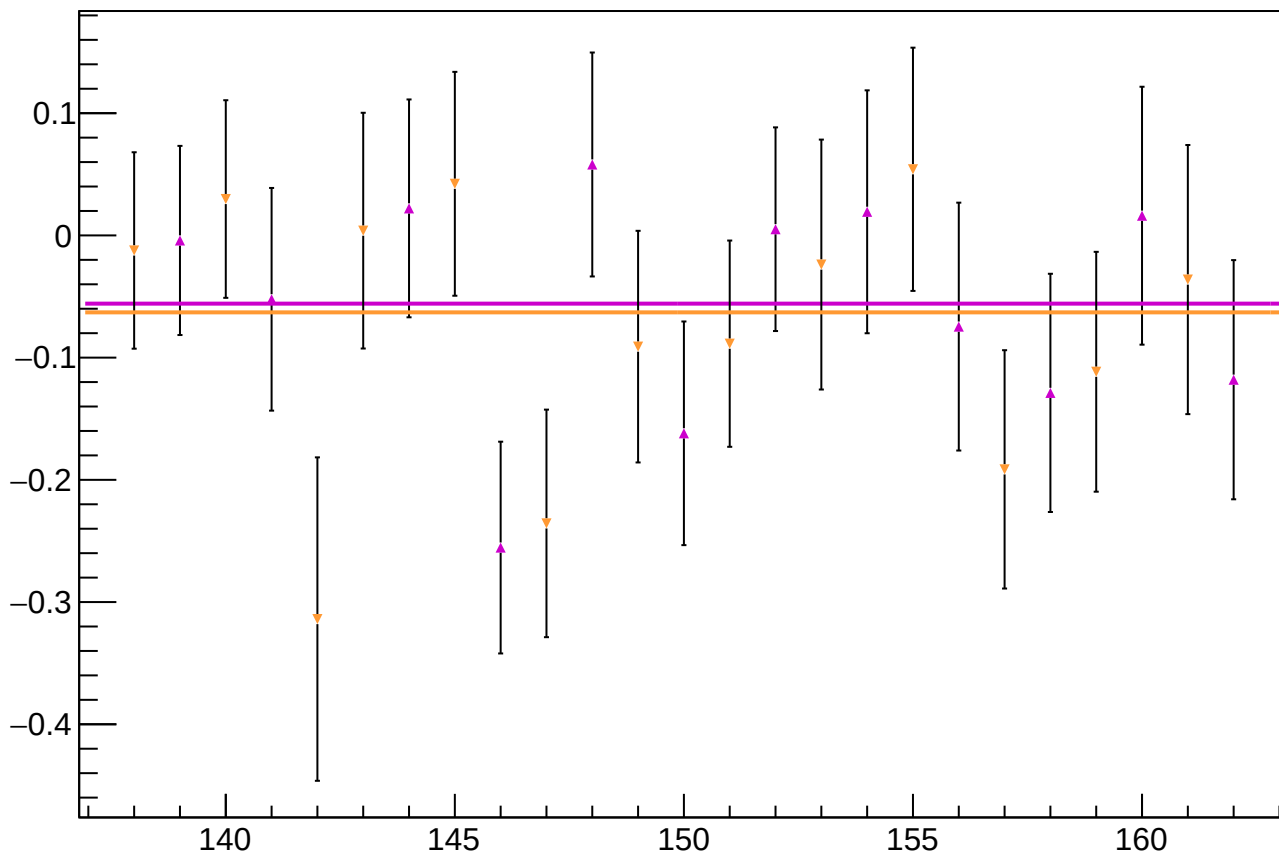
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.868 ± 0.012 $\chi^2/\text{NDF}: 30965.4/12$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.699 ± 0.011 $\chi^2/\text{NDF}: 19771.0/11$

Left: -1.780 ± 0.008 $\chi^2/\text{NDF}: 50847.3/24$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.312 ± 0.010 $\chi^2/\text{NDF}: 30705.2/27$
 Out: -1.816 ± 0.010 $\chi^2/\text{NDF}: 108931.3/30$
 All: -1.555 ± 0.007 $\chi^2/\text{NDF}: 140886.3/58$

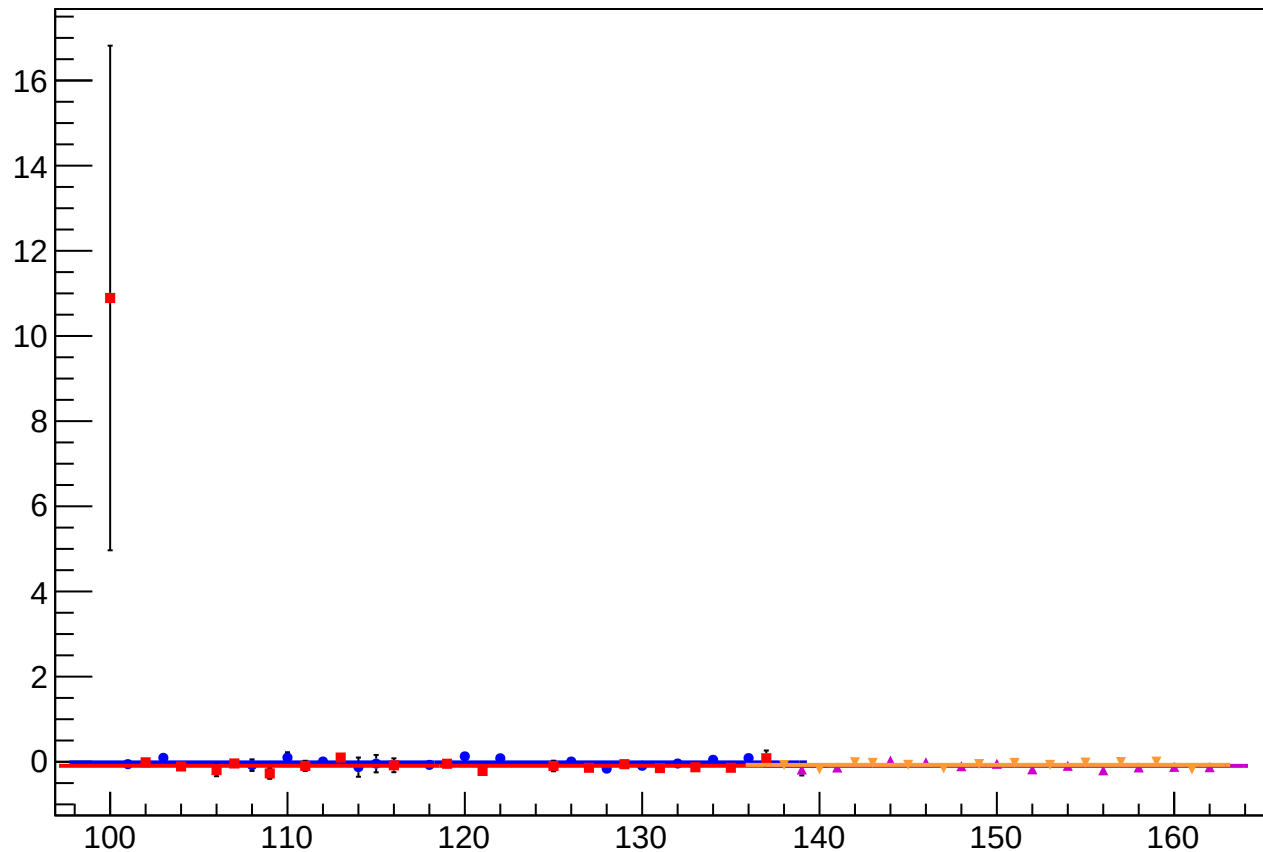
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 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: -0.059 $\pm$ 0.019 χ^2 /NDF: 26.3/24
 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: -0.063 $\pm$ 0.026 χ^2 /NDF:14.3/12
 All: -0.059 $\pm$ 0.019 χ^2 /NDF: 26.3/24

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.072 ± 0.018 χ^2/NDF : 12.6/12

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.096 ± 0.018 χ^2/NDF : 12.2/11

Left: -0.083 ± 0.013 χ^2/NDF : 25.7/24

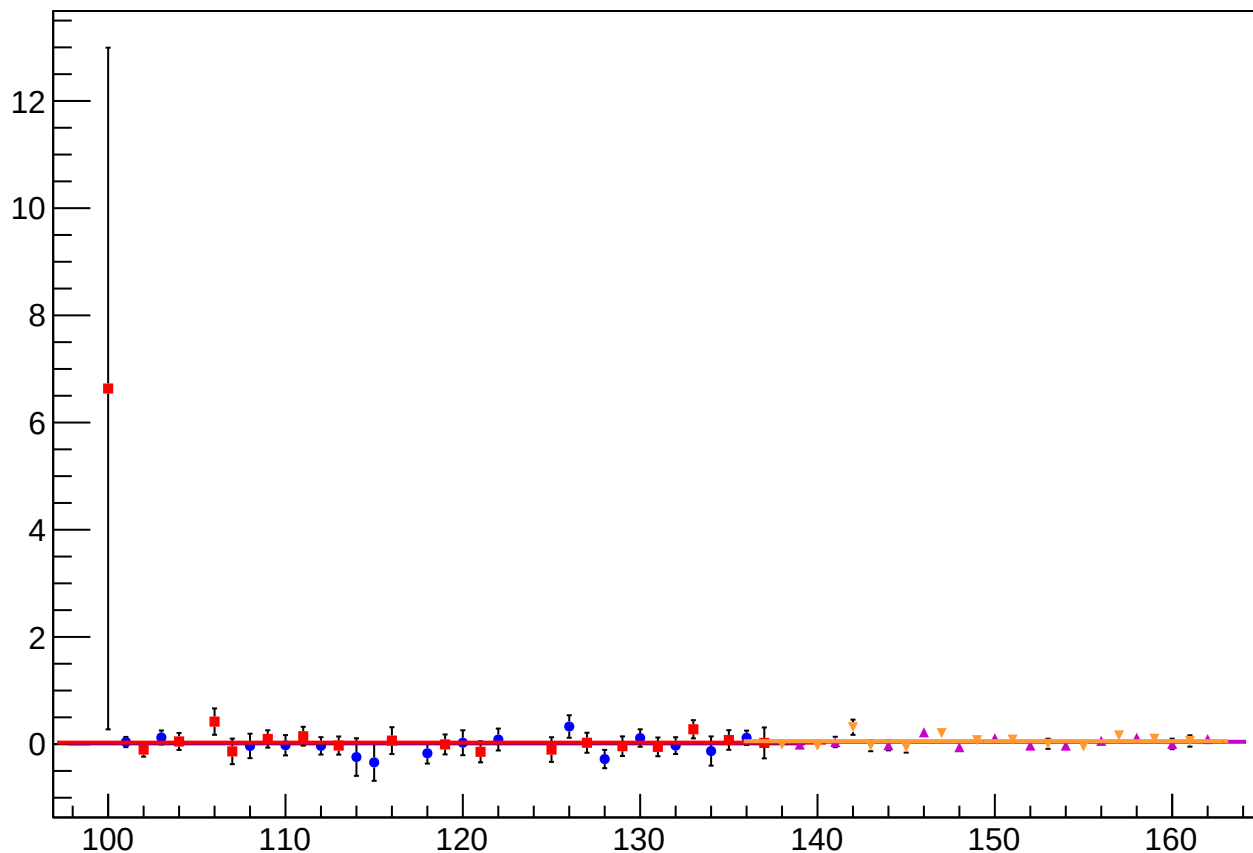
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.064 ± 0.014 χ^2/NDF : 32.2/27

Out: -0.079 ± 0.015 χ^2/NDF : 26.6/30

All: -0.072 ± 0.010 χ^2/NDF : 59.4/58

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.055+/-0.026 χ^2/NDF :13.4/12

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.044+/-0.026 χ^2/NDF :9.9/11

Left: 0.050+/-0.018 χ^2/NDF : 23.5/24

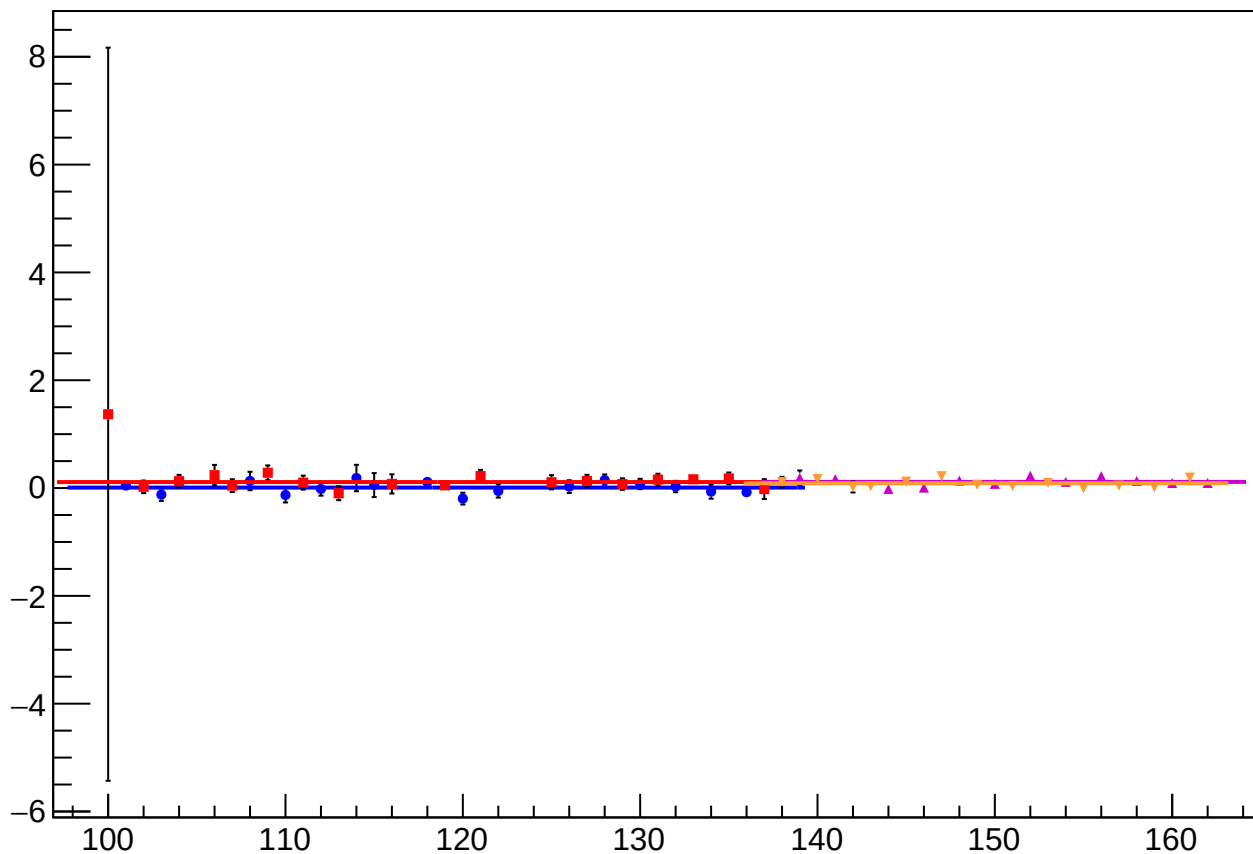
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.036+/-0.022 χ^2/NDF :20.4/27

Out: 0.049+/-0.022 χ^2/NDF :23.2/30

All: 0.042+/-0.016 χ^2/NDF : 43.7/58

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.089 $\pm$ 0.022 χ^2 /NDF:11.6/12

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.114 $\pm$ 0.022 χ^2 /NDF:11.1/11

Left: 0.101 $\pm$ 0.015 χ^2 /NDF: 23.4/24

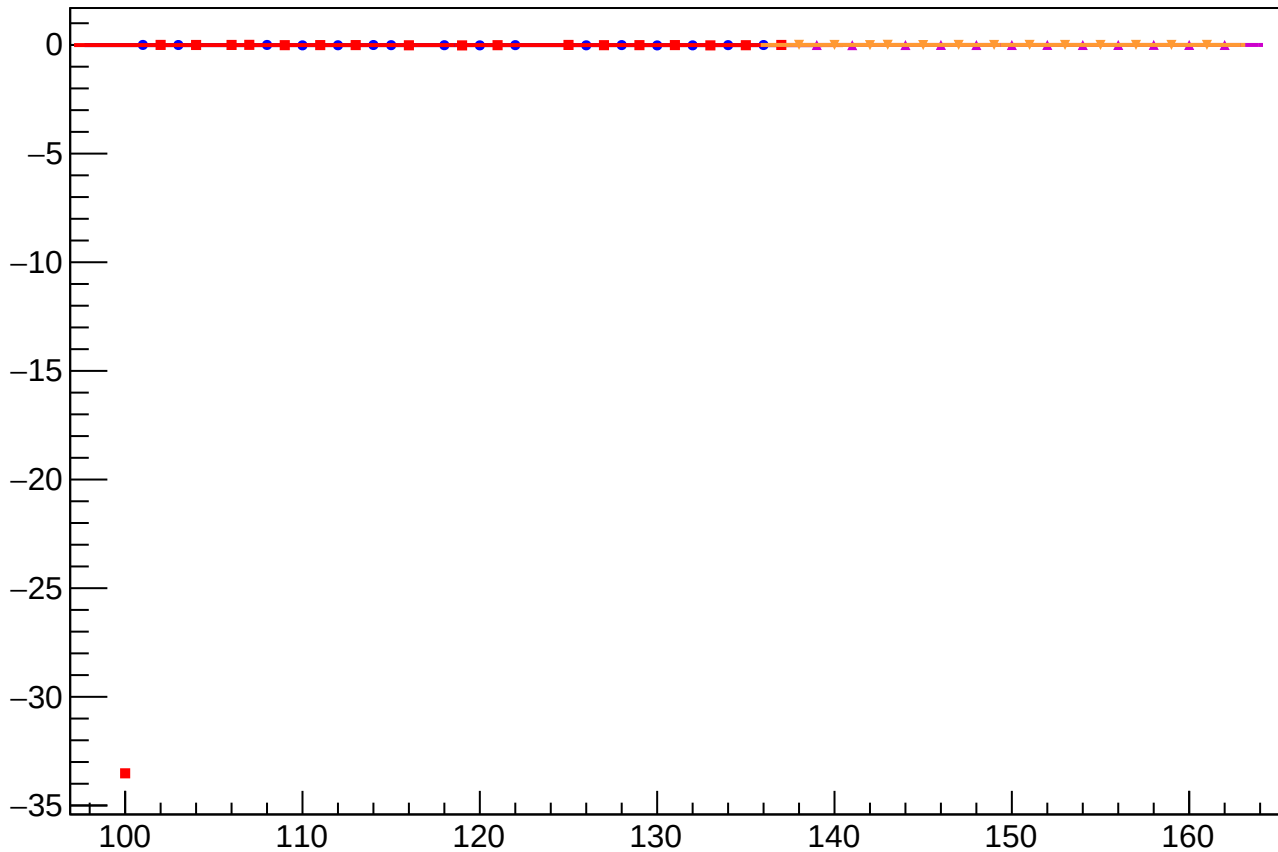
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.072 $\pm$ 0.017 χ^2 /NDF:32.9/27

Out: 0.097 $\pm$ 0.017 χ^2 /NDF:20.7/30

All: 0.084 $\pm$ 0.012 χ^2 /NDF: 54.6/58

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.002 ± 0.001 χ^2/NDF : 9.2/12

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 : 17.5/24

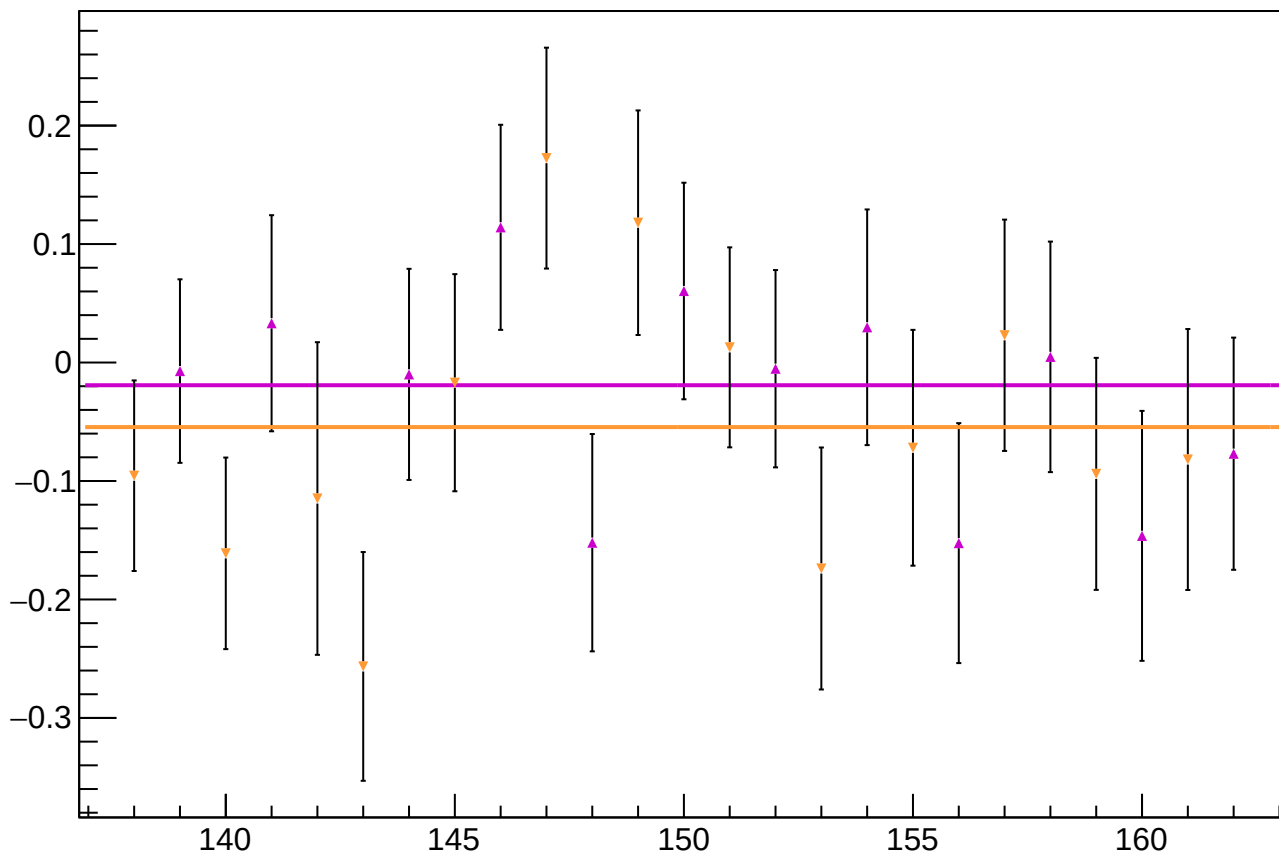
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 40.1/27

Out: -0.001 ± 0.001 χ^2/NDF : 26535.8/30

All: -0.001 ± 0.001 χ^2/NDF : 26576.4/58

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: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12

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: -0.037 $\pm$ 0.019 χ^2 /NDF: 29.2/24

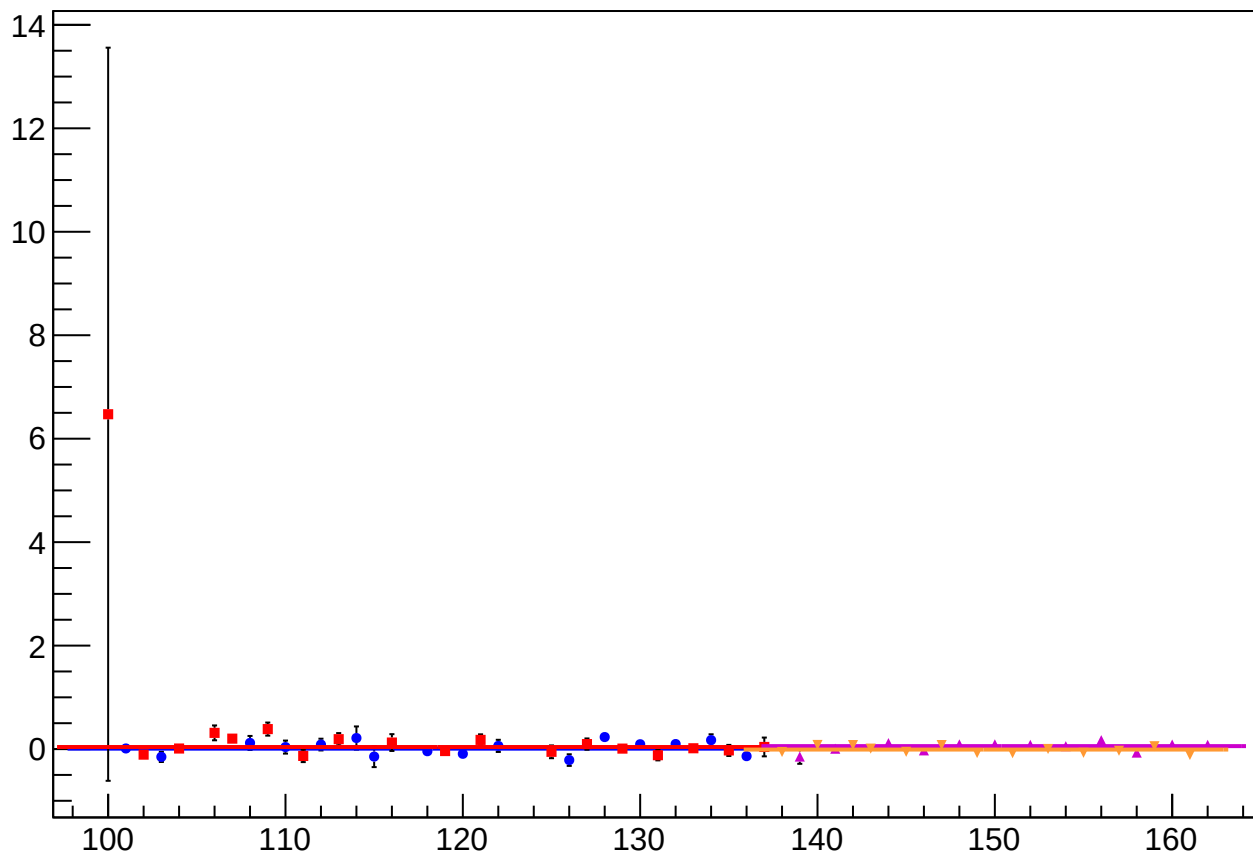
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Out: -0.054 $\pm$ 0.026 χ^2 /NDF:18.9/12

All: -0.037 $\pm$ 0.019 χ^2 /NDF: 29.2/24

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.010 $\pm$ 0.018 χ^2 /NDF:14.4/12

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.057 $\pm$ 0.018 χ^2 /NDF:13.6/11

Left: 0.023 $\pm$ 0.013 χ^2 /NDF: 34.7/24

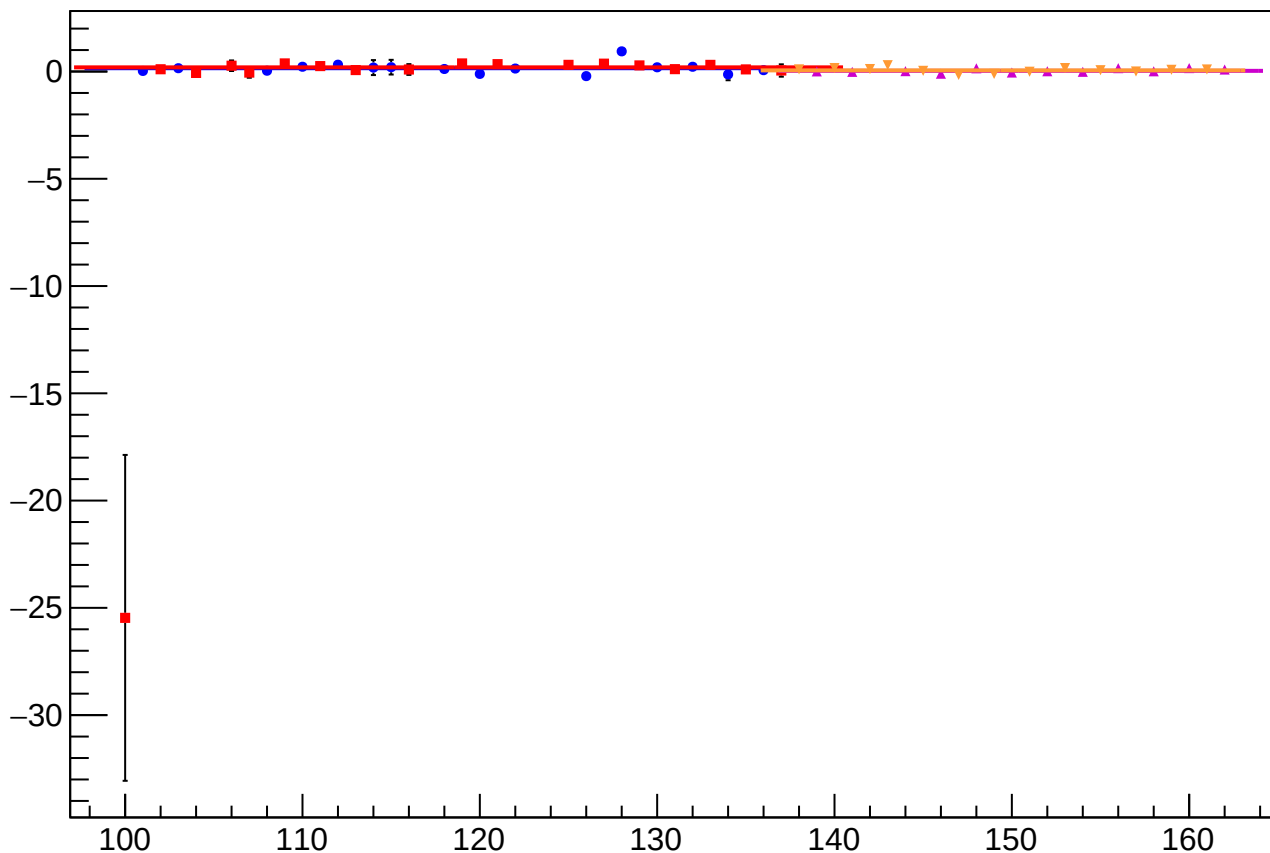
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.038 $\pm$ 0.014 χ^2 /NDF:40.0/27

Out: 0.007 $\pm$ 0.015 χ^2 /NDF:45.4/30

All: 0.023 $\pm$ 0.010 χ^2 /NDF: 87.6/58

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.052+/-0.026 χ^2/NDF : 19.6/12

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.031+/-0.026 χ^2/NDF : 9.9/11

Left: 0.041+/-0.018 χ^2/NDF : 29.9/24

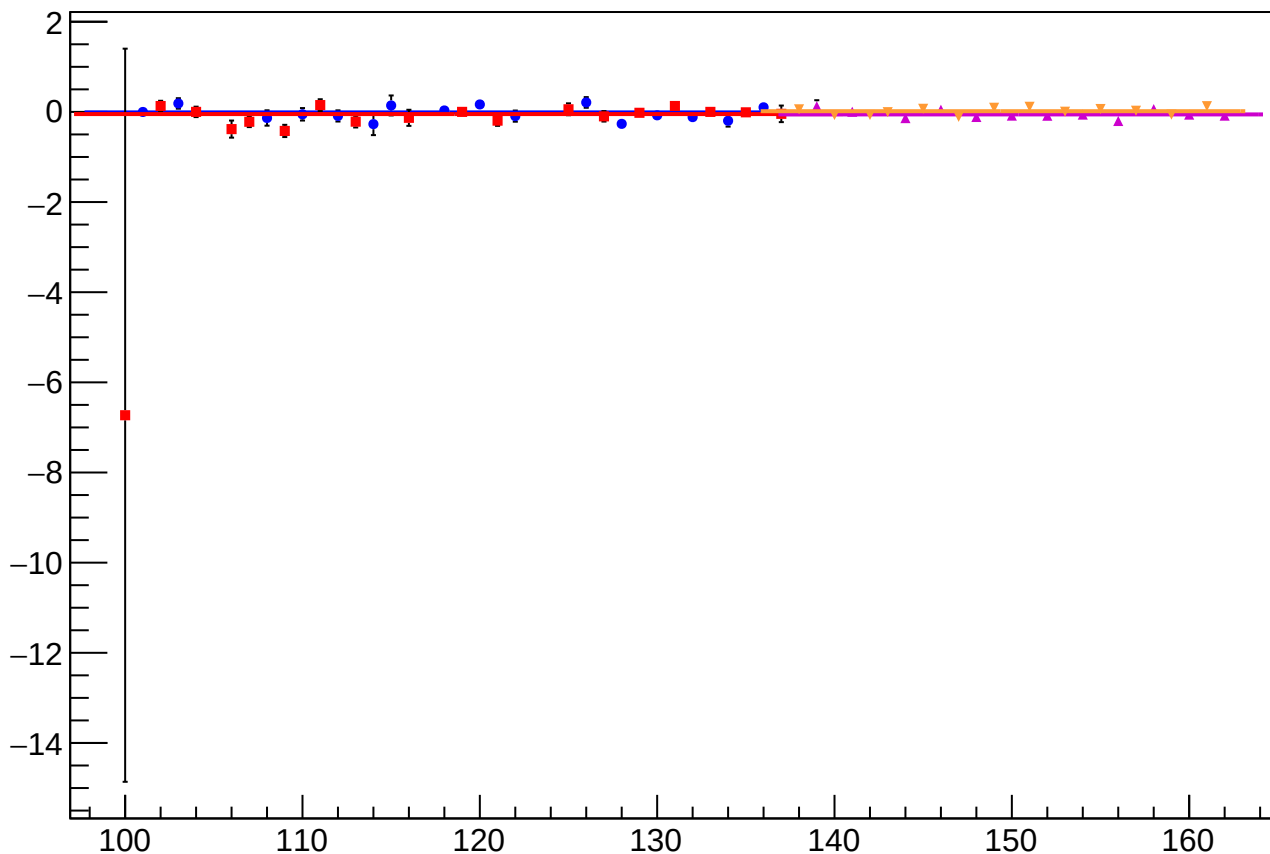
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.063+/-0.022 χ^2/NDF : 46.5/27

Out: 0.087+/-0.022 χ^2/NDF : 49.0/30

All: 0.075+/-0.016 χ^2/NDF : 96.0/58

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.015 ± 0.022 $\chi^2/\text{NDF}: 13.5/12$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.056 ± 0.022 $\chi^2/\text{NDF}: 13.4/11$

Left: -0.020 ± 0.015 $\chi^2/\text{NDF}: 32.3/24$

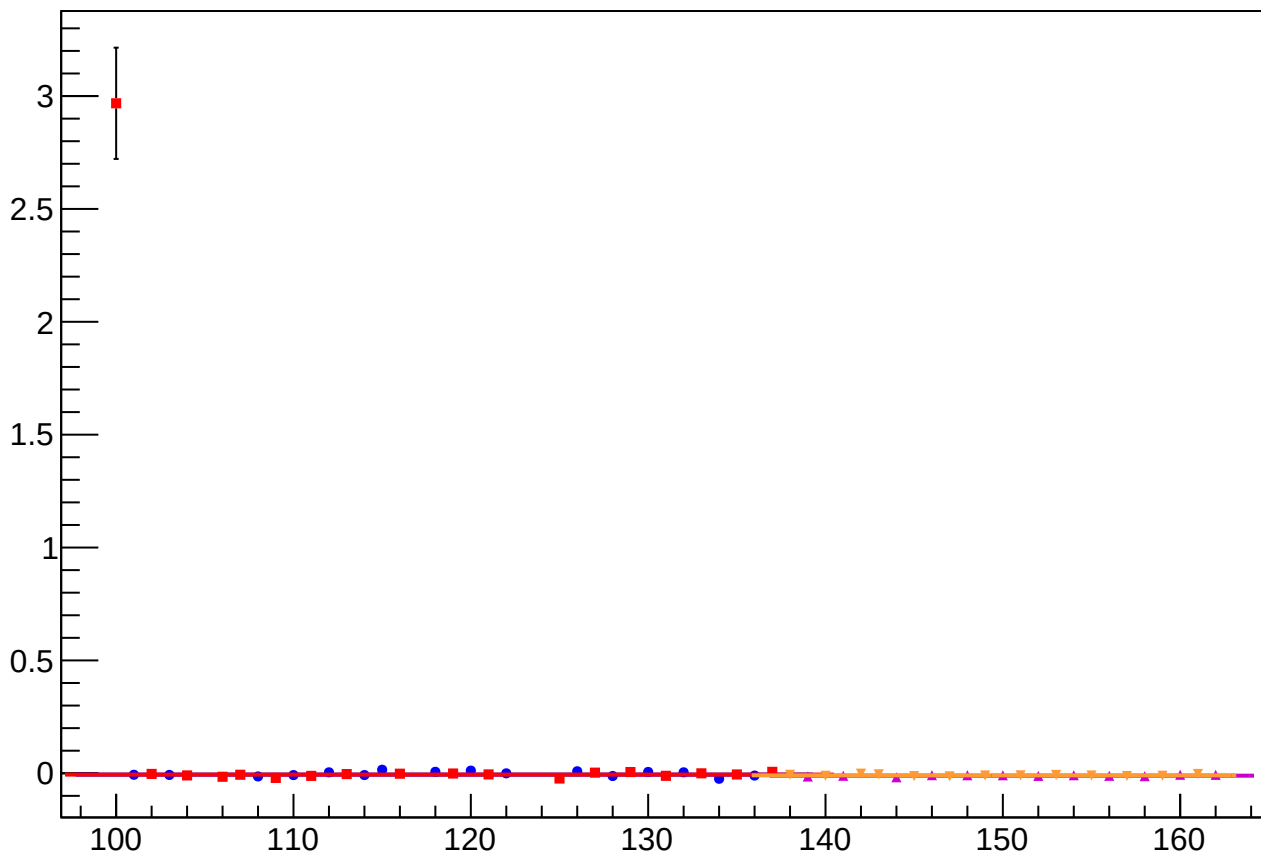
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.038 ± 0.017 $\chi^2/\text{NDF}: 38.5/27$

Out: -0.008 ± 0.017 $\chi^2/\text{NDF}: 42.9/30$

All: -0.023 ± 0.012 $\chi^2/\text{NDF}: 83.0/58$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009+/-0.001 χ^2 /NDF:9.8/12

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.011+/-0.001 χ^2 /NDF:8.4/11

Left: -0.010+/-0.001 χ^2 /NDF: 19.3/24

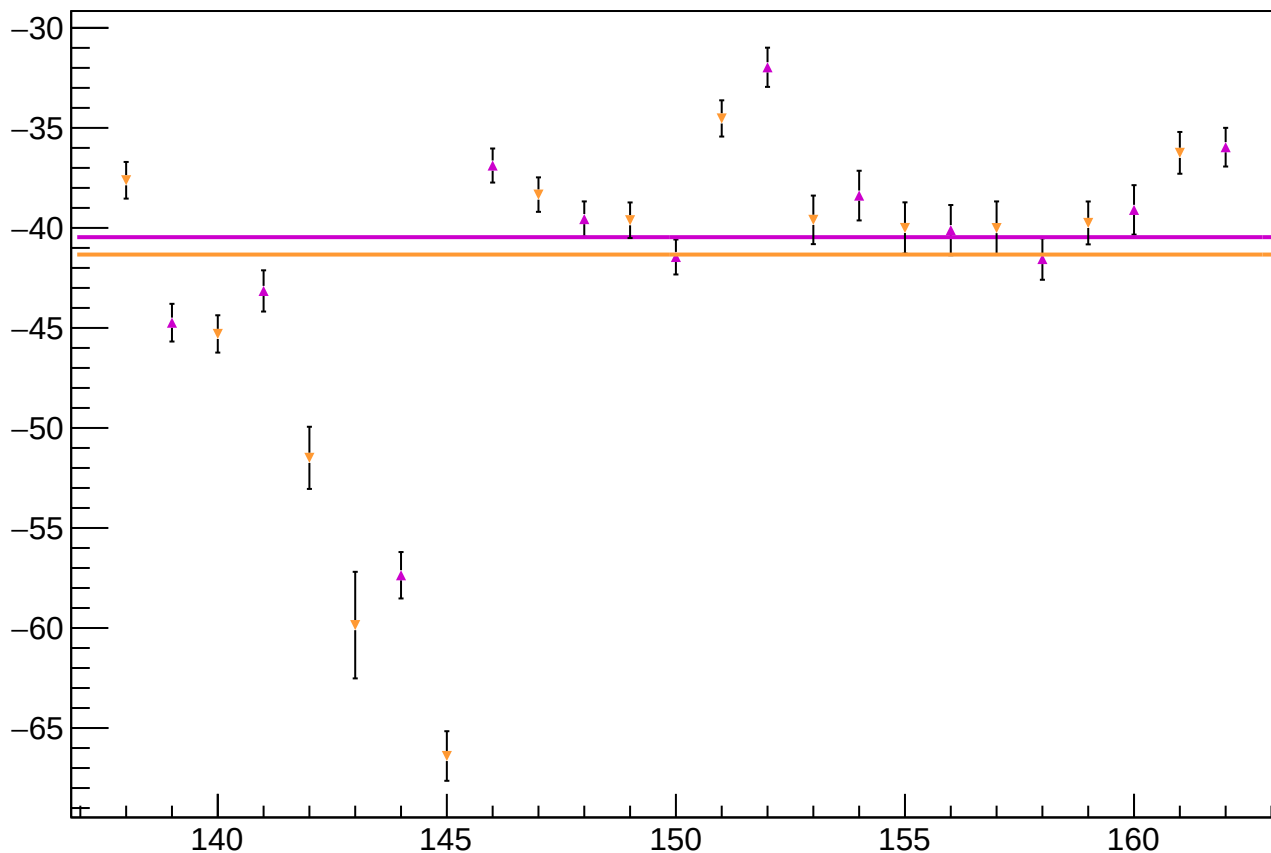
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.009+/-0.001 χ^2 /NDF:44.2/27

Out: -0.008+/-0.001 χ^2 /NDF:178.5/30

All: -0.009+/-0.001 χ^2 /NDF: 223.5/58

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected

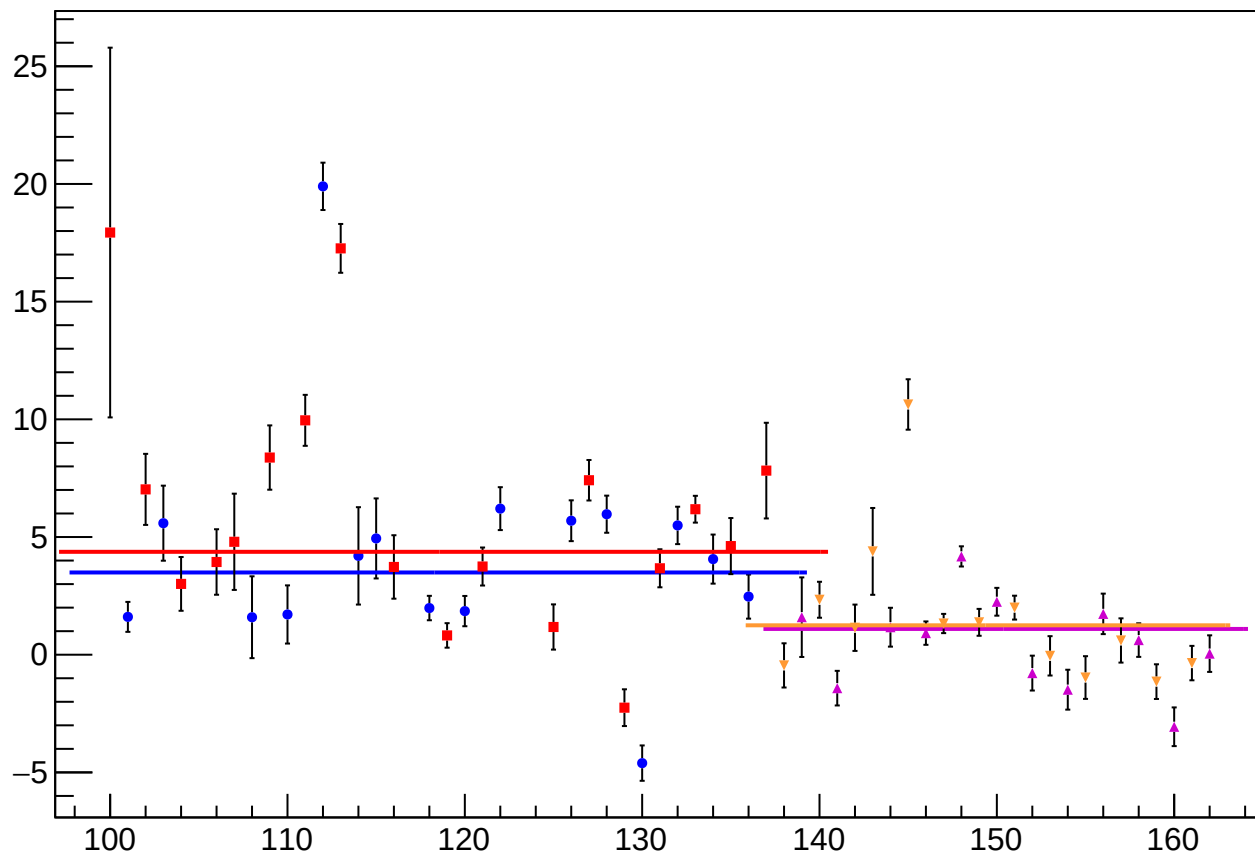


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.332+/-0.301 χ^2/NDF :636.8/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.462+/-0.292 χ^2/NDF :361.4/11

Left: -40.883+/-0.210 χ^2/NDF : 1002.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.462+/-0.292 χ^2/NDF :361.4/11
 Out: -41.332+/-0.301 χ^2/NDF :636.8/12

All: -40.883+/-0.210 χ^2/NDF : 1002.6/24

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.249 $\pm$ 0.198 χ^2 /NDF:111.4/12

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.095 $\pm$ 0.197 χ^2 /NDF:111.4/11

Left: 1.172 $\pm$ 0.140 χ^2 /NDF: 223.1/24

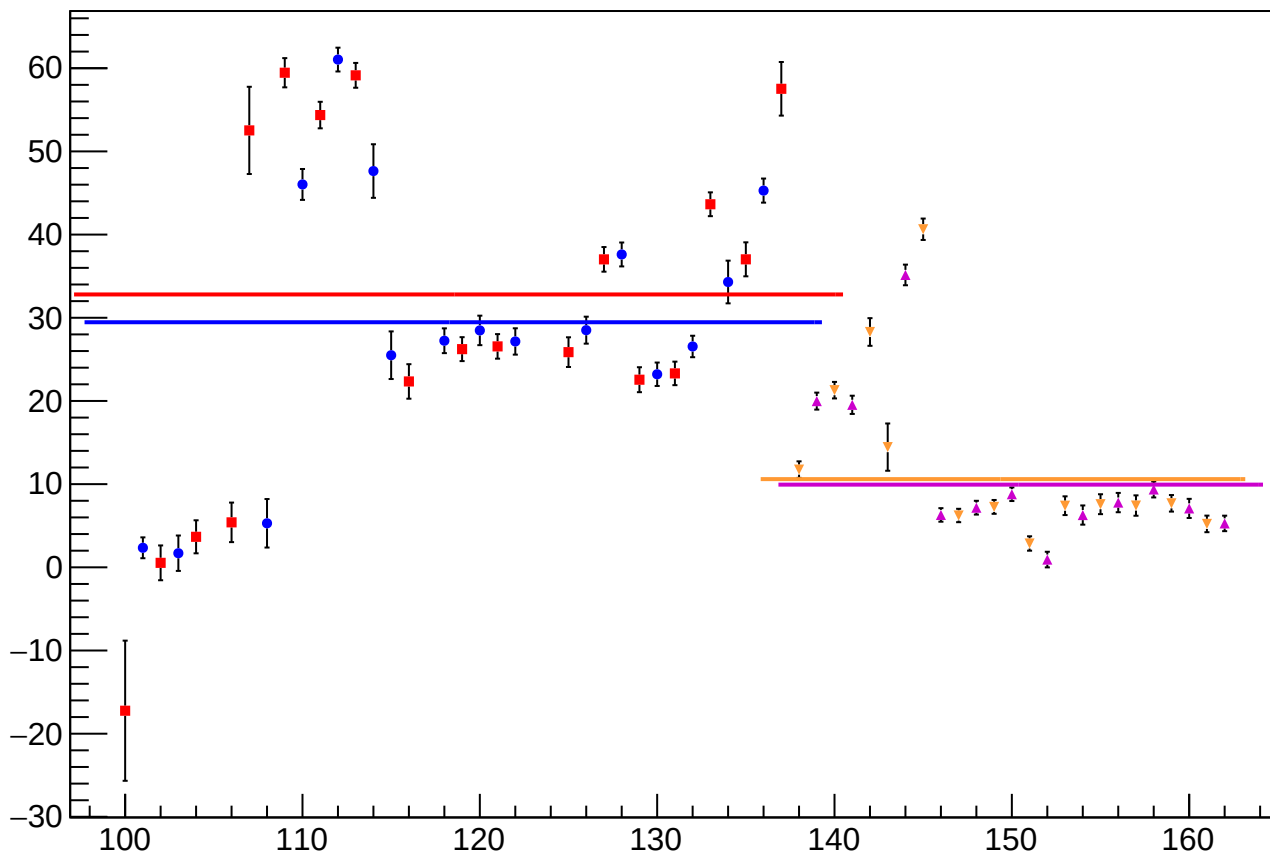
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.177 $\pm$ 0.146 χ^2 /NDF:623.0/27

Out: 2.611 $\pm$ 0.149 χ^2 /NDF:573.7/30

All: 2.390 $\pm$ 0.104 χ^2 /NDF: 1201.0/58

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 10.604 $\pm$ 0.293 χ^2 /NDF:961.9/12

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 9.941 $\pm$ 0.283 χ^2 /NDF:756.5/11

Left: 10.260 $\pm$ 0.204 χ^2 /NDF: 1721.0/24

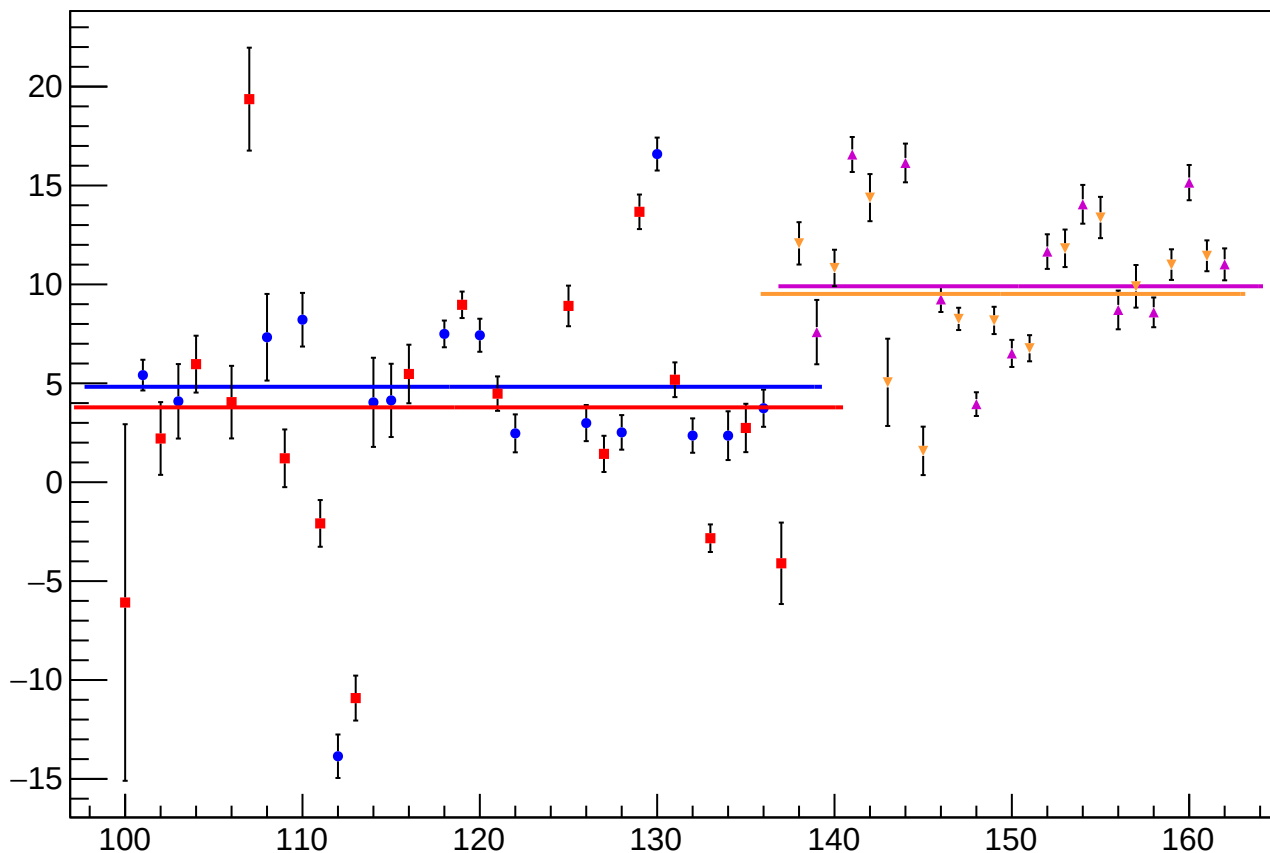
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 16.072 $\pm$ 0.234 χ^2 /NDF:3747.6/27

Out: 17.817 $\pm$ 0.241 χ^2 /NDF:4481.3/30

All: 16.918 $\pm$ 0.168 χ^2 /NDF: 8255.9/58

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.519 ± 0.240 χ^2/NDF : 126.1/12

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.906 ± 0.235 χ^2/NDF : 286.6/11

Left: 9.716 ± 0.168 χ^2/NDF : 414.0/24

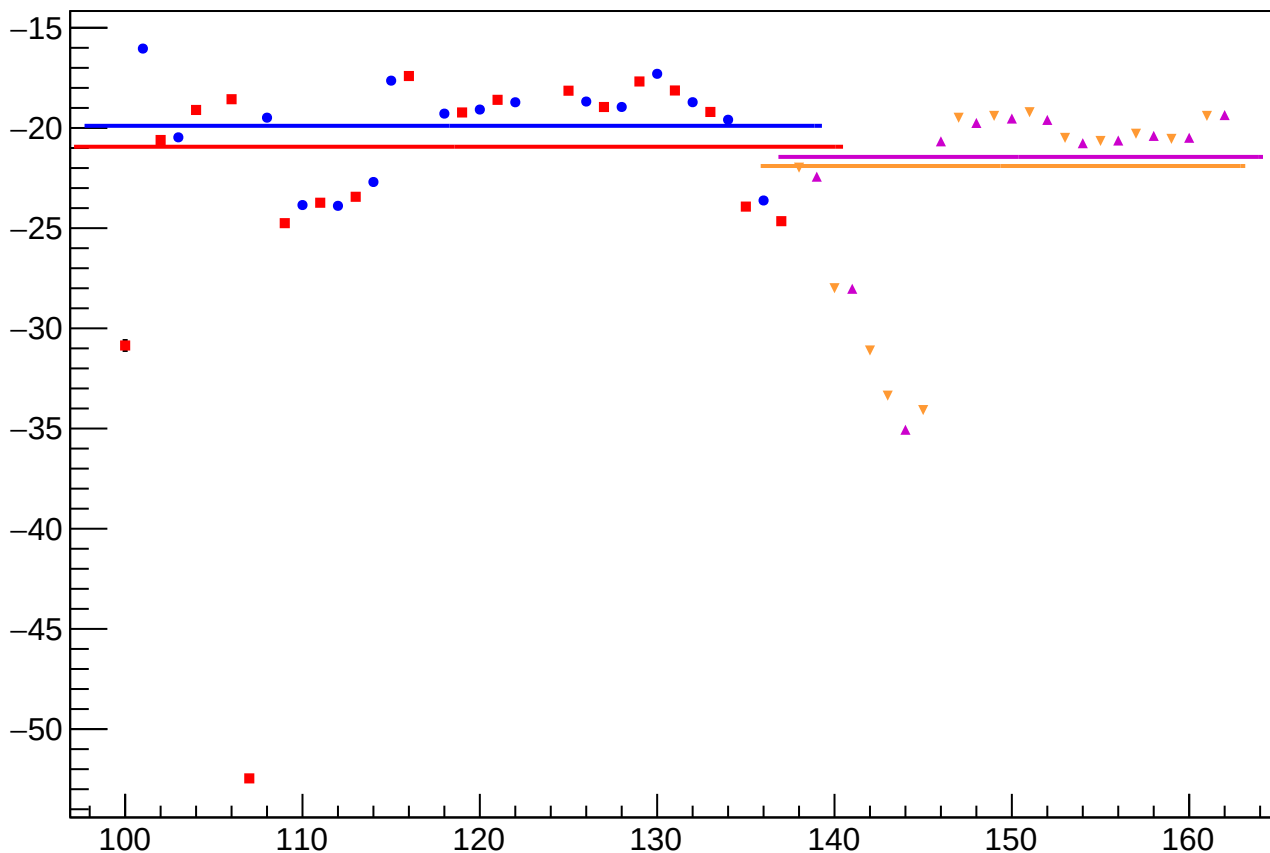
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 7.534 ± 0.172 χ^2/NDF : 1056.9/27

Out: 6.869 ± 0.176 χ^2/NDF : 954.9/30

All: 7.209 ± 0.123 χ^2/NDF : 2019.1/58

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -21.898 $\pm$ 0.012 χ^2 /NDF:129667.8/12

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -21.444 $\pm$ 0.011 χ^2 /NDF:98912.3/11

Left: -21.660 $\pm$ 0.008 χ^2 /NDF: 229376.4/24

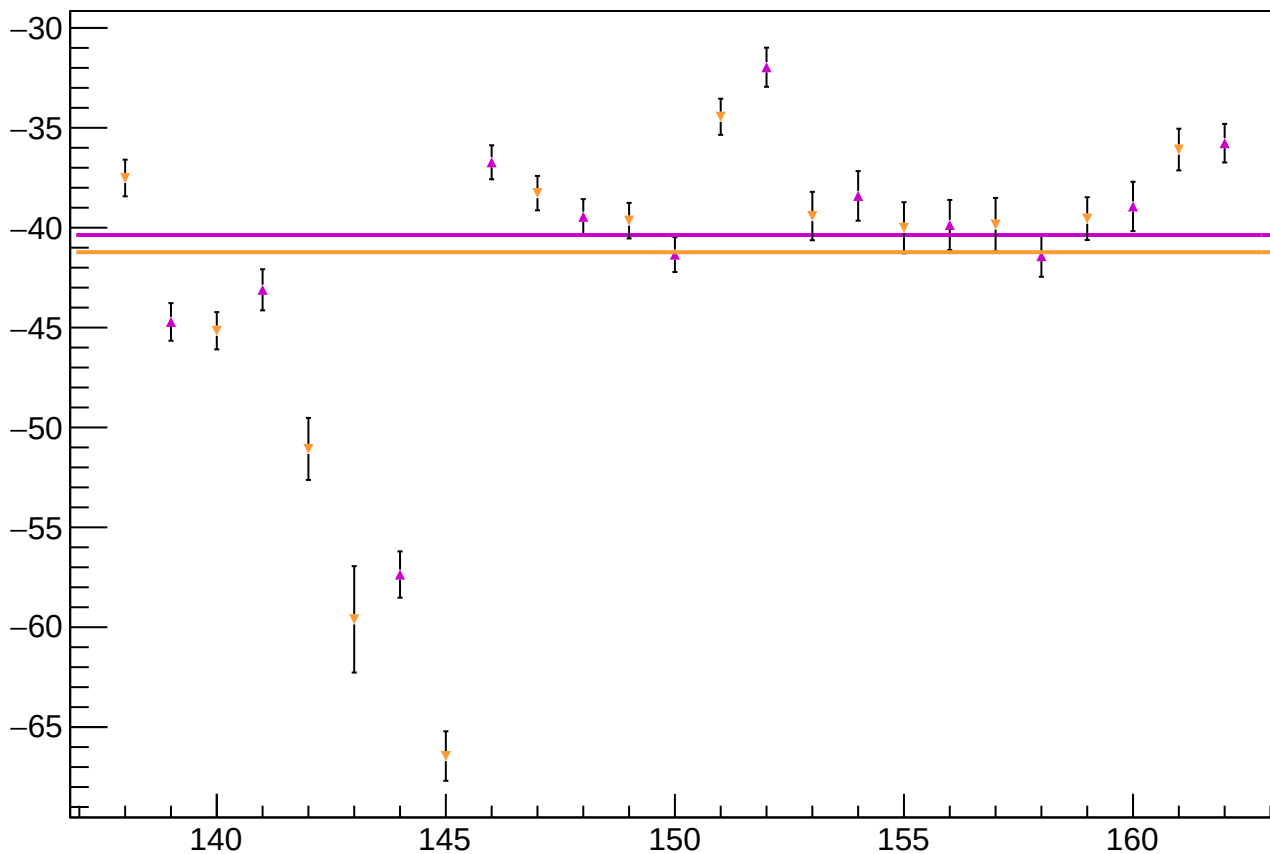
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -20.921 $\pm$ 0.009 χ^2 /NDF:131572.4/27

Out: -21.556 $\pm$ 0.009 χ^2 /NDF:226210.3/30

All: -21.228 $\pm$ 0.007 χ^2 /NDF: 360164.9/58

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -41.227 $\pm$ 0.301 χ^2/NDF :638.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -40.366 $\pm$ 0.291 χ^2/NDF :365.0/11

Left: -40.782 $\pm$ 0.209 χ^2/NDF : 1007.9/24

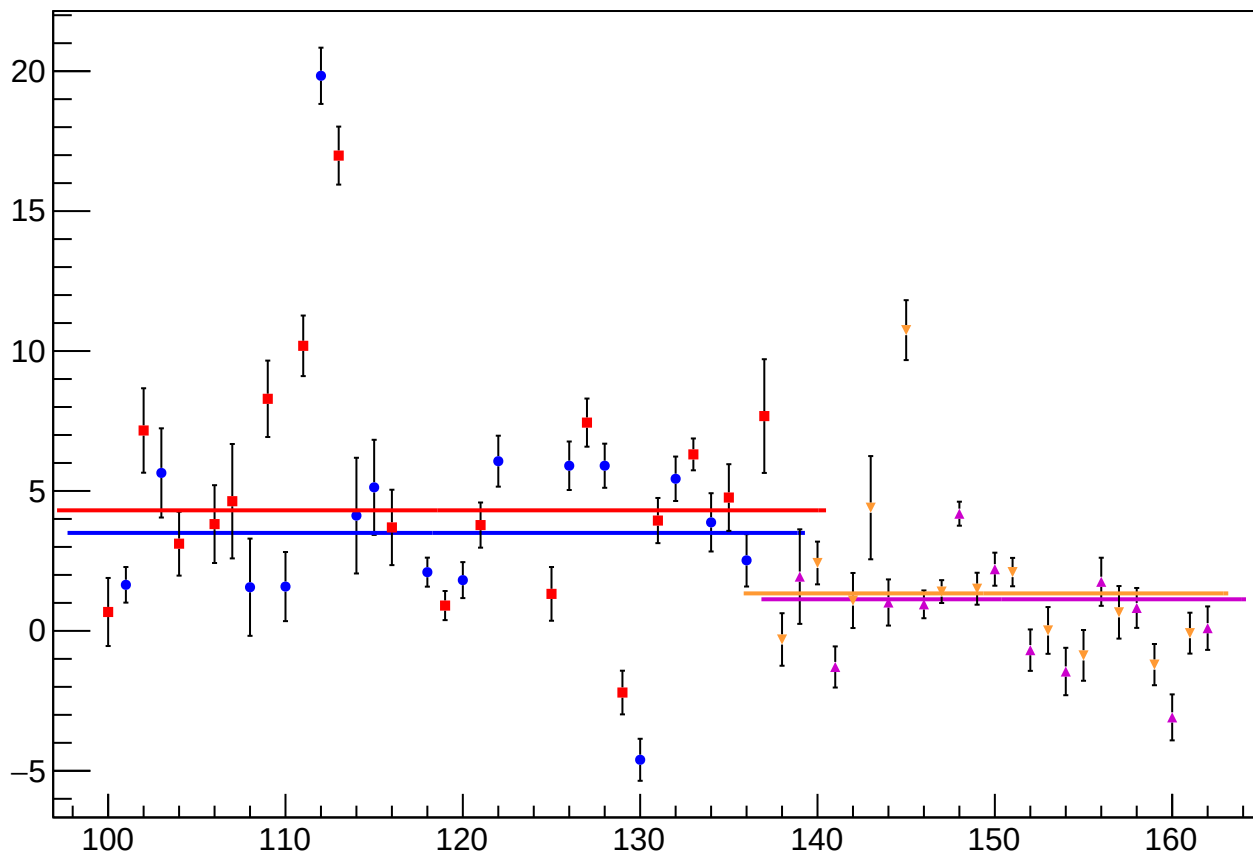
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -40.366 $\pm$ 0.291 χ^2/NDF :365.0/11

Out: -41.227 $\pm$ 0.301 χ^2/NDF :638.6/12

All: -40.782 $\pm$ 0.209 χ^2/NDF : 1007.9/24

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.340 $\pm$ 0.198 χ^2 /NDF:112.2/12

Right Out: 4.308 $\pm$ 0.221 χ^2 /NDF: 352.8/17

Left In: 1.129 $\pm$ 0.197 χ^2 /NDF:109.6/11

Left: 1.234 $\pm$ 0.140 χ^2 /NDF: 222.4/24

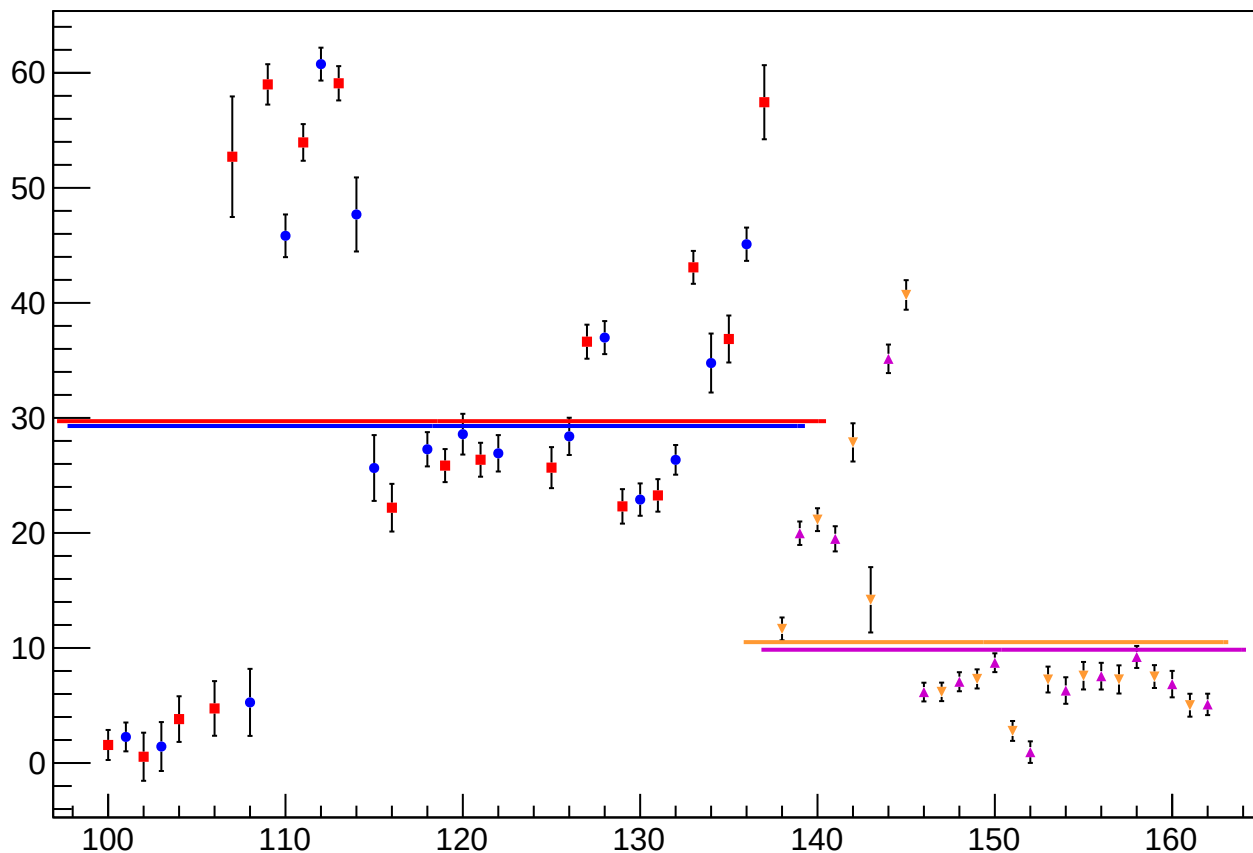
Right: 3.897 $\pm$ 0.155 χ^2 /NDF: 801.4/33

In: 2.199 $\pm$ 0.146 χ^2 /NDF:616.7/27

Out: 2.658 $\pm$ 0.148 χ^2 /NDF:564.9/30

All: 2.426 $\pm$ 0.104 χ^2 /NDF: 1186.5/58

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 10.509 $\pm$ 0.293 χ^2 /NDF:962.7/12

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 9.847 $\pm$ 0.282 χ^2 /NDF:762.3/11

Left: 10.166 $\pm$ 0.203 χ^2 /NDF: 1727.6/24

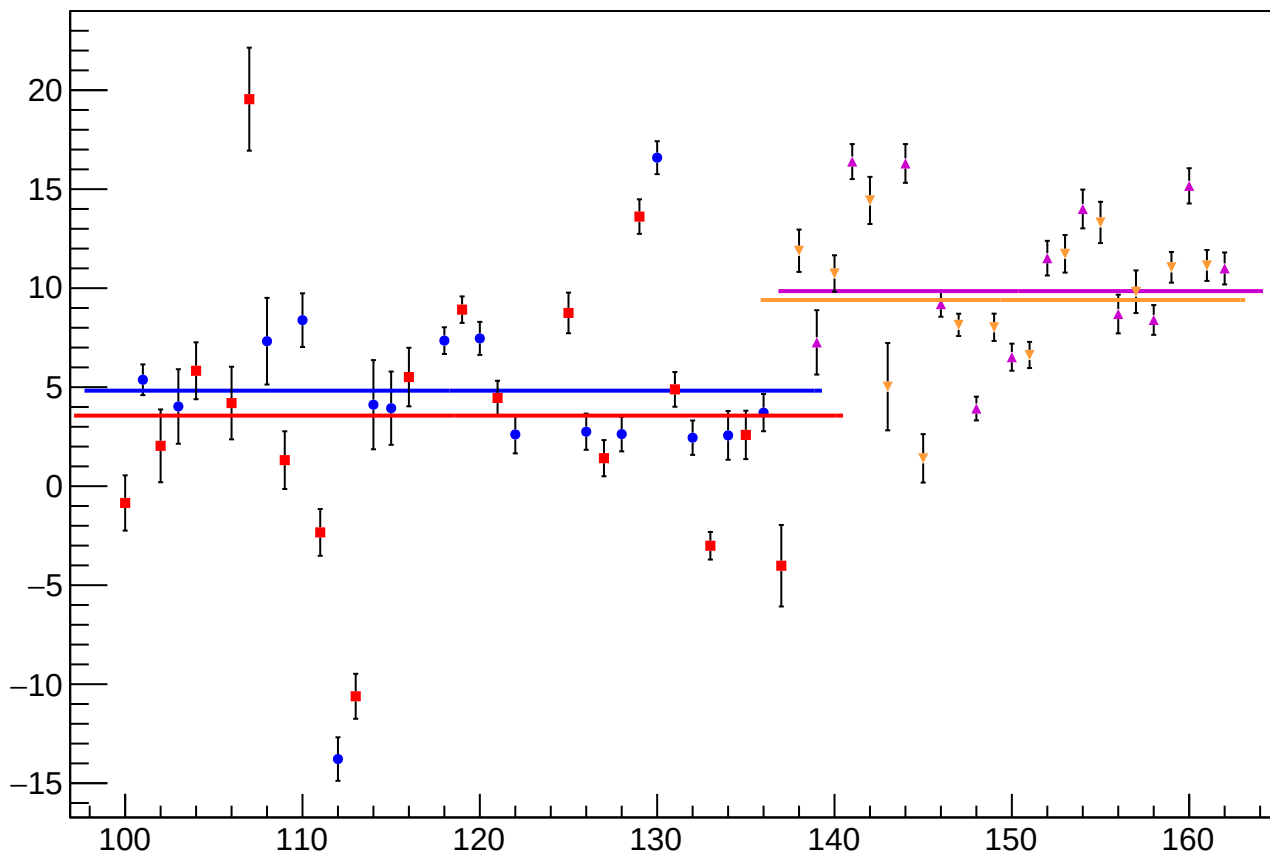
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 15.956 $\pm$ 0.234 χ^2 /NDF:3738.0/27

Out: 17.170 $\pm$ 0.237 χ^2 /NDF:4579.2/30

All: 16.555 $\pm$ 0.166 χ^2 /NDF: 8330.5/58

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.404 ± 0.240 χ^2/NDF : 128.5/12

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.852 ± 0.235 χ^2/NDF : 287.8/11

Left: 9.632 ± 0.168 χ^2/NDF : 418.1/24

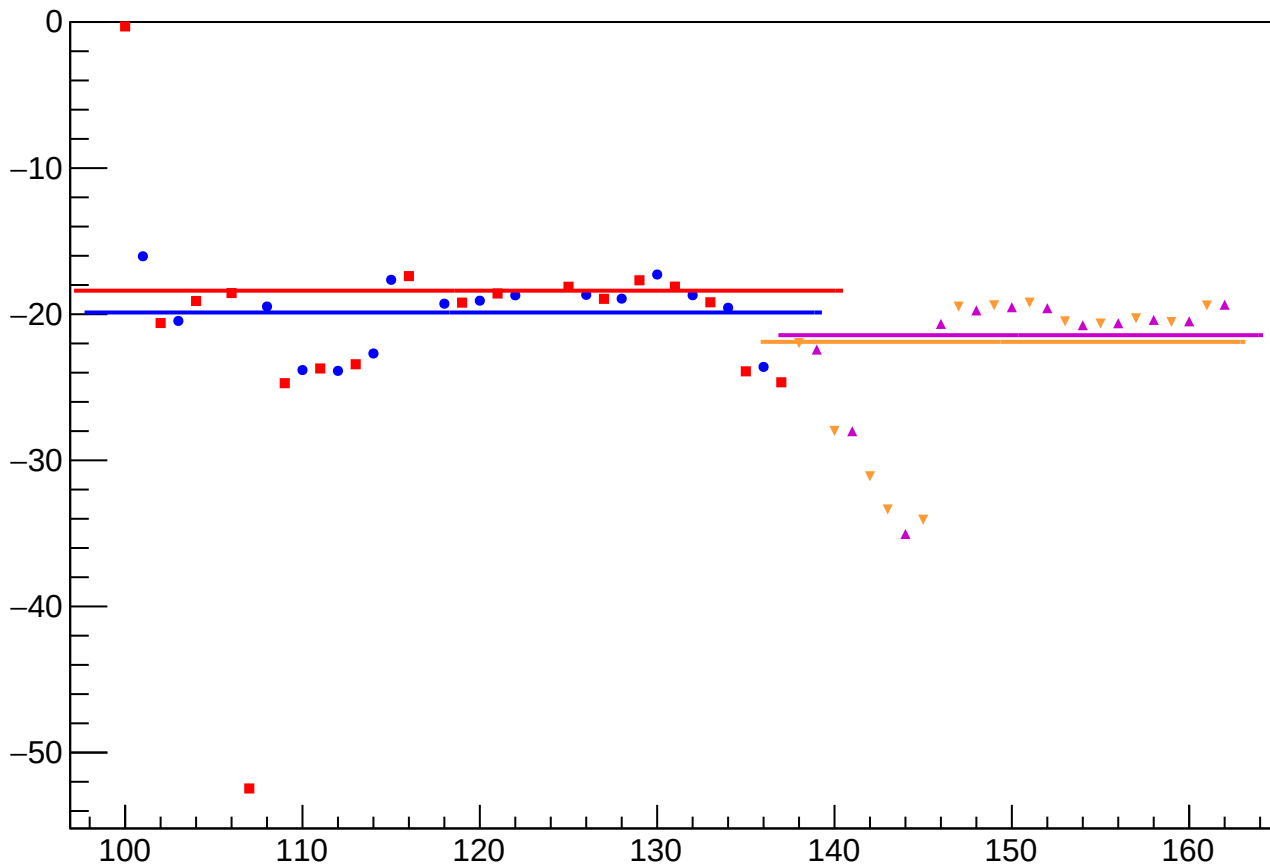
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.505 ± 0.172 χ^2/NDF : 1050.1/27

Out: 6.657 ± 0.174 χ^2/NDF : 977.8/30

All: 7.088 ± 0.122 χ^2/NDF : 2039.8/58

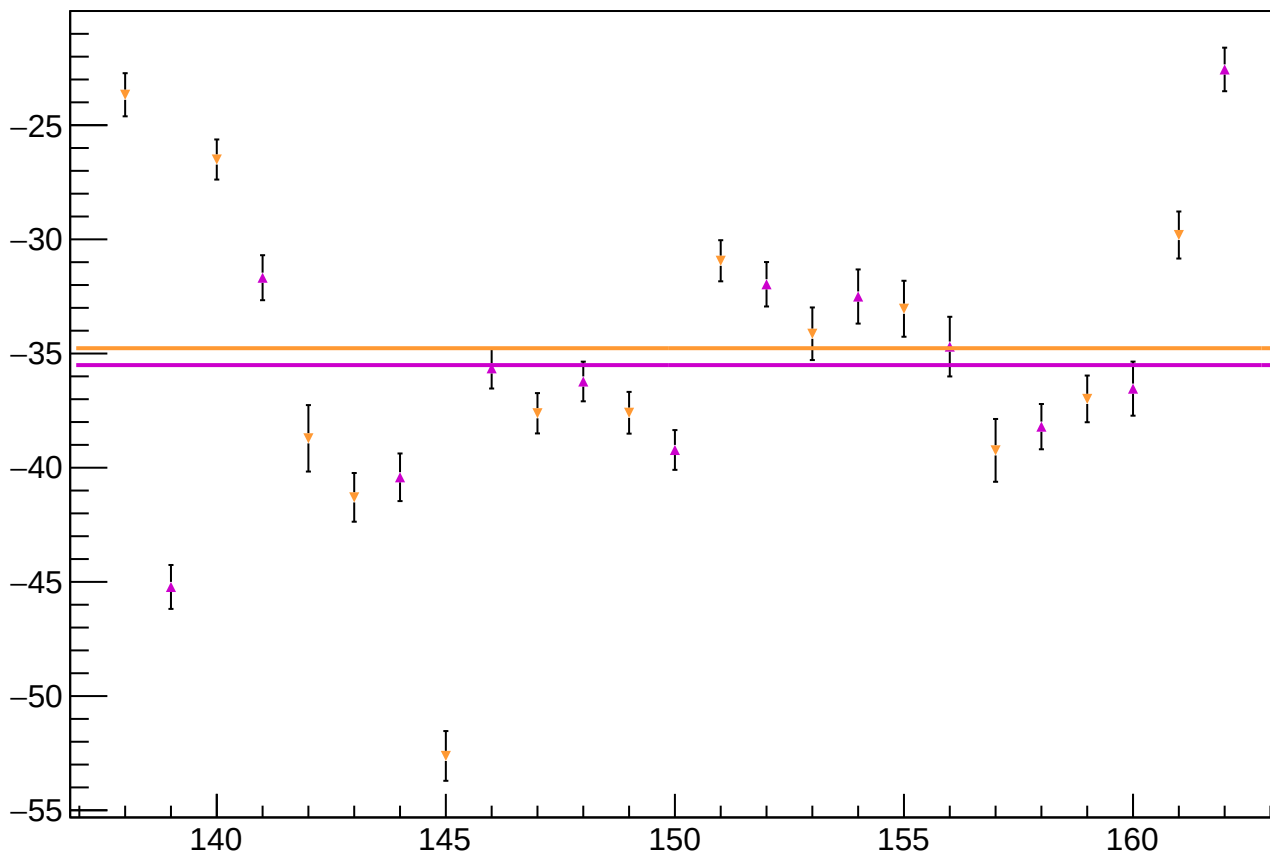
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.891 ± 0.012 $\chi^2/\text{NDF}: 129739.6/12$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.434 ± 0.011 $\chi^2/\text{NDF}: 98842.7/11$

Left: -21.651 ± 0.008 $\chi^2/\text{NDF}: 229387.2/24$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.910 ± 0.009 $\chi^2/\text{NDF}: 131518.4/27$
 Out: -20.543 ± 0.009 $\chi^2/\text{NDF}: 465743.0/30$
 All: -20.728 ± 0.006 $\chi^2/\text{NDF}: 598079.2/58$

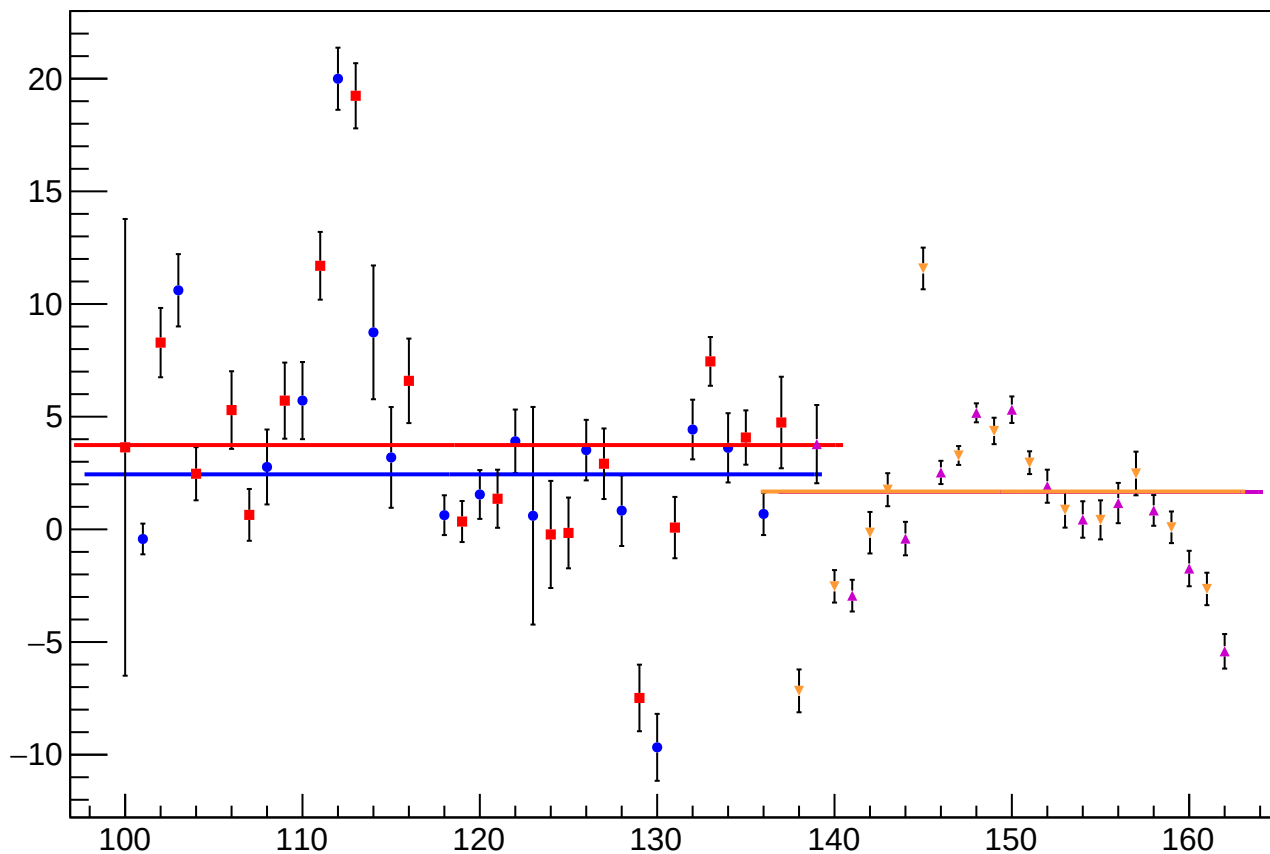
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.767+/-0.287 χ^2/NDF : 619.0/12
 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: -35.136+/-0.203 χ^2/NDF : 993.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.507+/-0.287 χ^2/NDF : 370.8/11
 Out: -34.767+/-0.287 χ^2/NDF : 619.0/12
 All: -35.136+/-0.203 χ^2/NDF : 993.2/24

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.678 ± 0.190 χ^2/NDF : 326.4/12

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.658 ± 0.194 χ^2/NDF : 270.9/11

Left: 1.668 ± 0.136 χ^2/NDF : 597.3/24

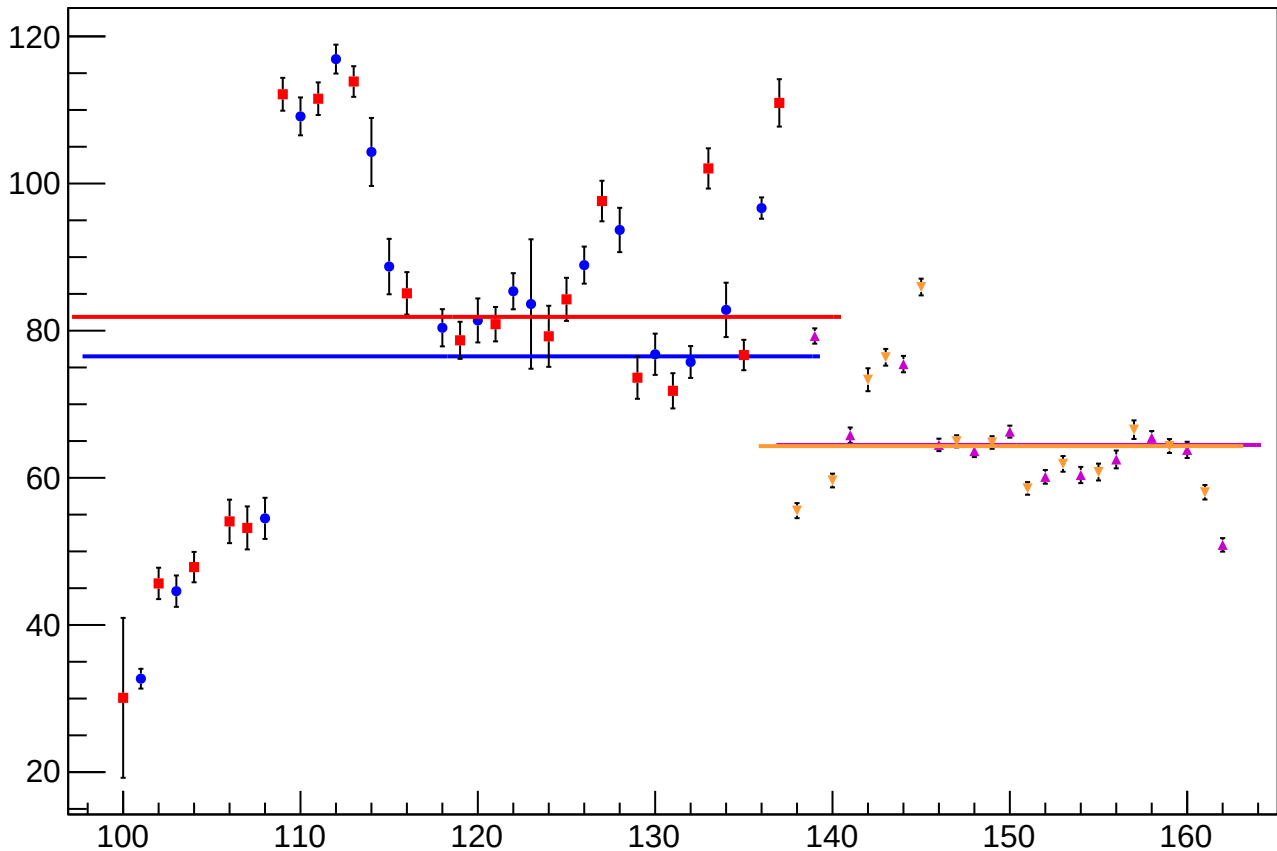
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.877 ± 0.165 χ^2/NDF : 570.2/28

Out: 2.200 ± 0.164 χ^2/NDF : 624.3/31

All: 2.039 ± 0.116 χ^2/NDF : 1196.4/60

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.311 $\pm$ 0.281 χ^2 /NDF: 710.3/12

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 64.467 $\pm$ 0.278 χ^2 /NDF: 565.5/11

Left: 64.390 $\pm$ 0.198 χ^2 /NDF: 1275.9/24

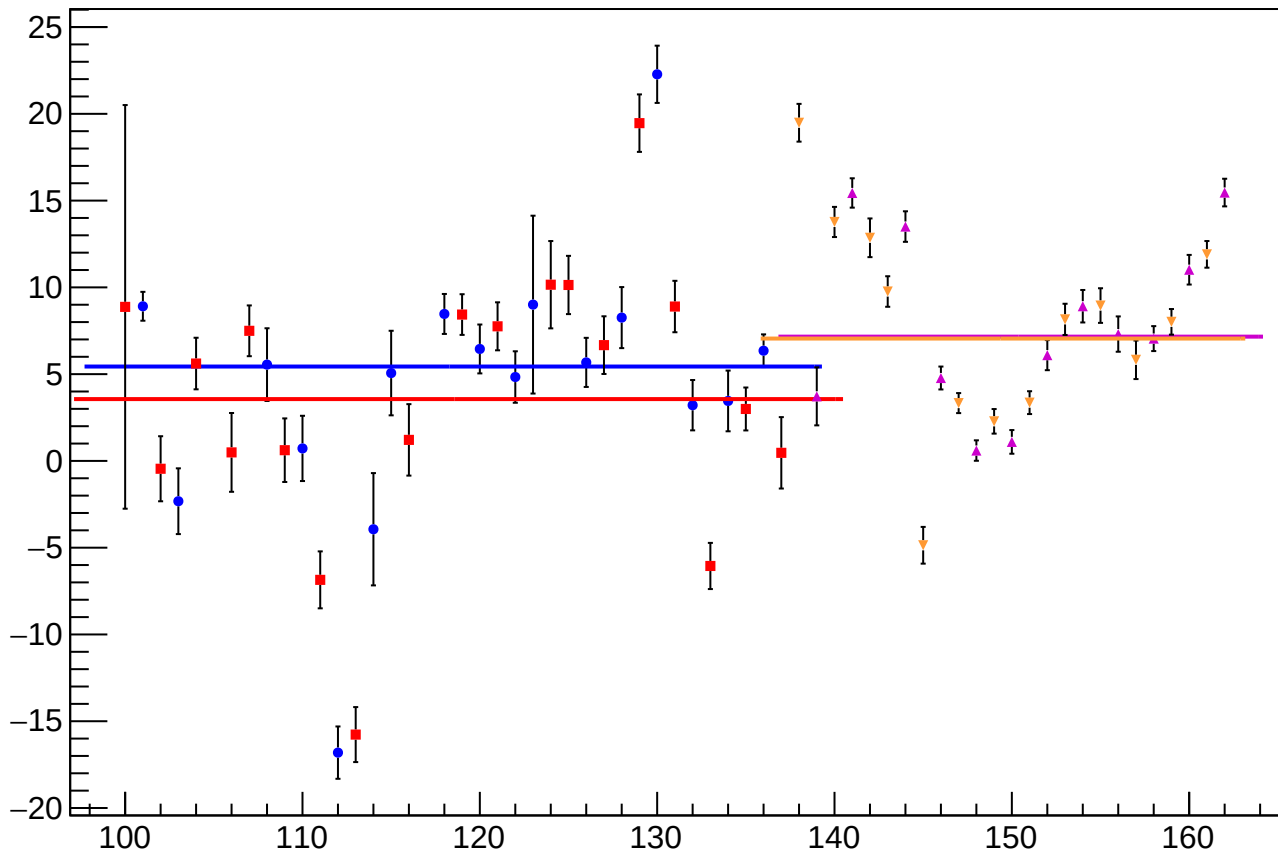
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 66.757 $\pm$ 0.250 χ^2 /NDF: 3172.6/28

Out: 67.544 $\pm$ 0.254 χ^2 /NDF: 2999.9/31

All: 67.145 $\pm$ 0.178 χ^2 /NDF: 6177.4/60

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 7.051 $\pm$ 0.229 χ^2 /NDF:520.0/12

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 7.161 $\pm$ 0.231 χ^2 /NDF:502.4/11

Left: 7.106 $\pm$ 0.163 χ^2 /NDF: 1022.5/24

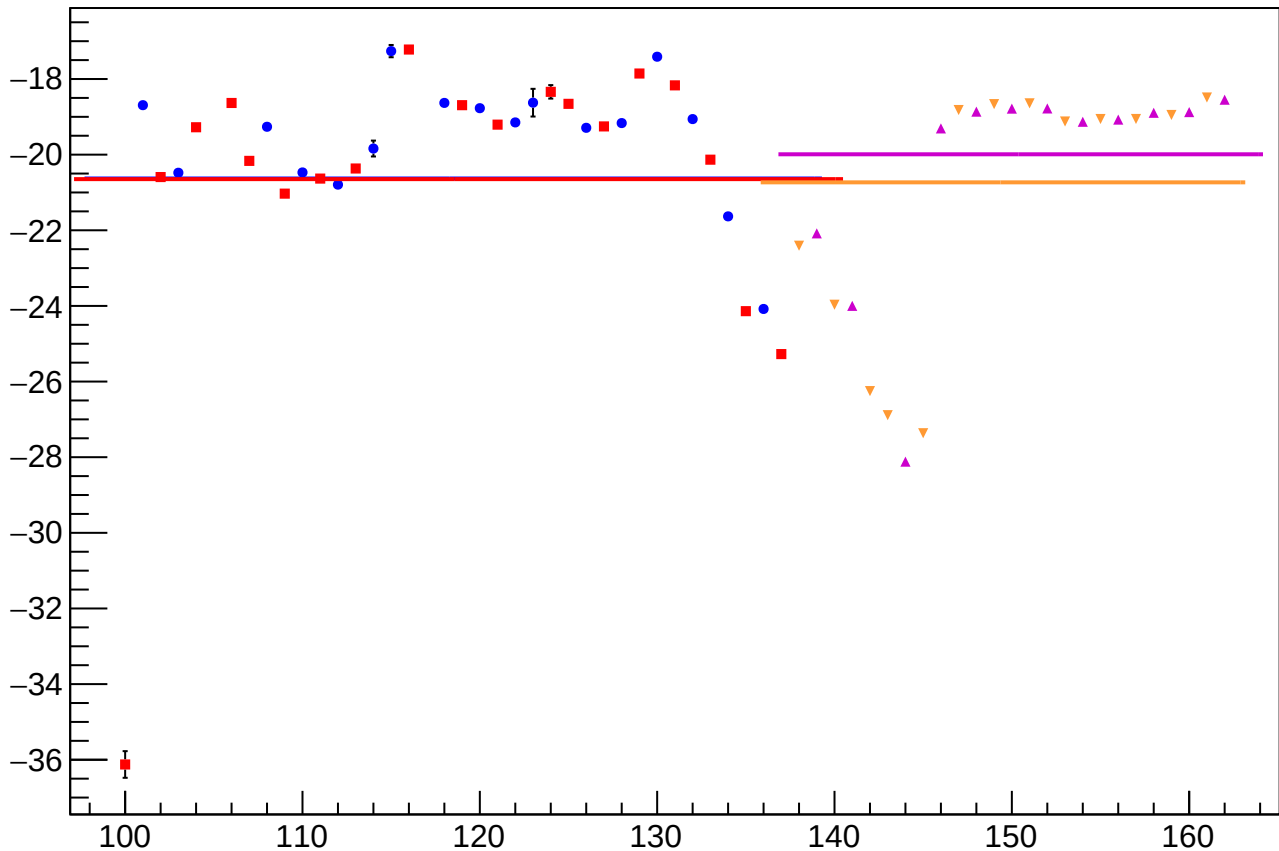
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 6.654 $\pm$ 0.194 χ^2 /NDF:904.9/28

Out: 6.103 $\pm$ 0.196 χ^2 /NDF:1003.8/31

All: 6.380 $\pm$ 0.138 χ^2 /NDF: 1912.7/60

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.733+/-0.011 χ^2/NDF : 75931.5/12

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -19.991+/-0.011 χ^2/NDF : 48056.8/11

Left: -20.355+/-0.008 χ^2/NDF : 126241.6/24

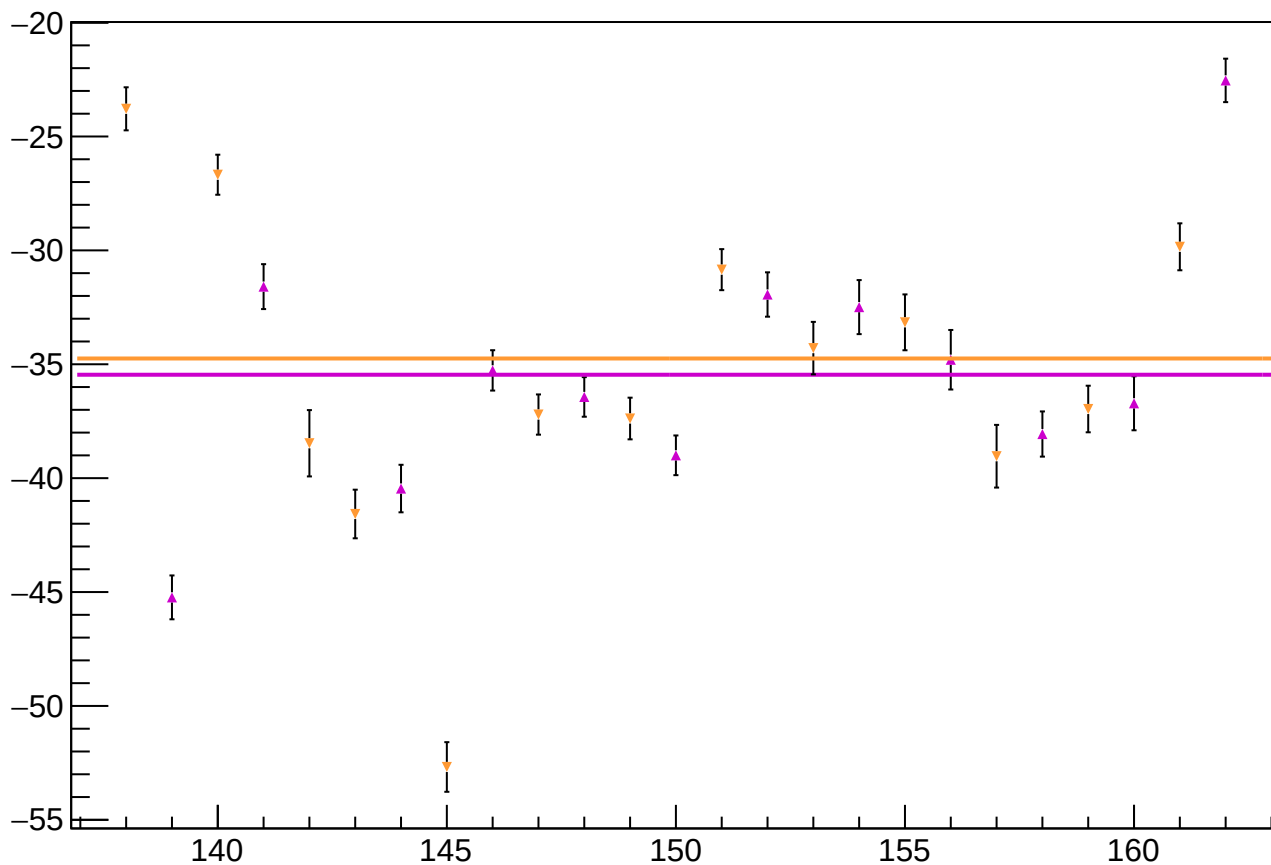
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.147+/-0.010 χ^2/NDF : 61393.1/28

Out: -20.711+/-0.010 χ^2/NDF : 89854.9/31

All: -20.424+/-0.007 χ^2/NDF : 152978.8/60

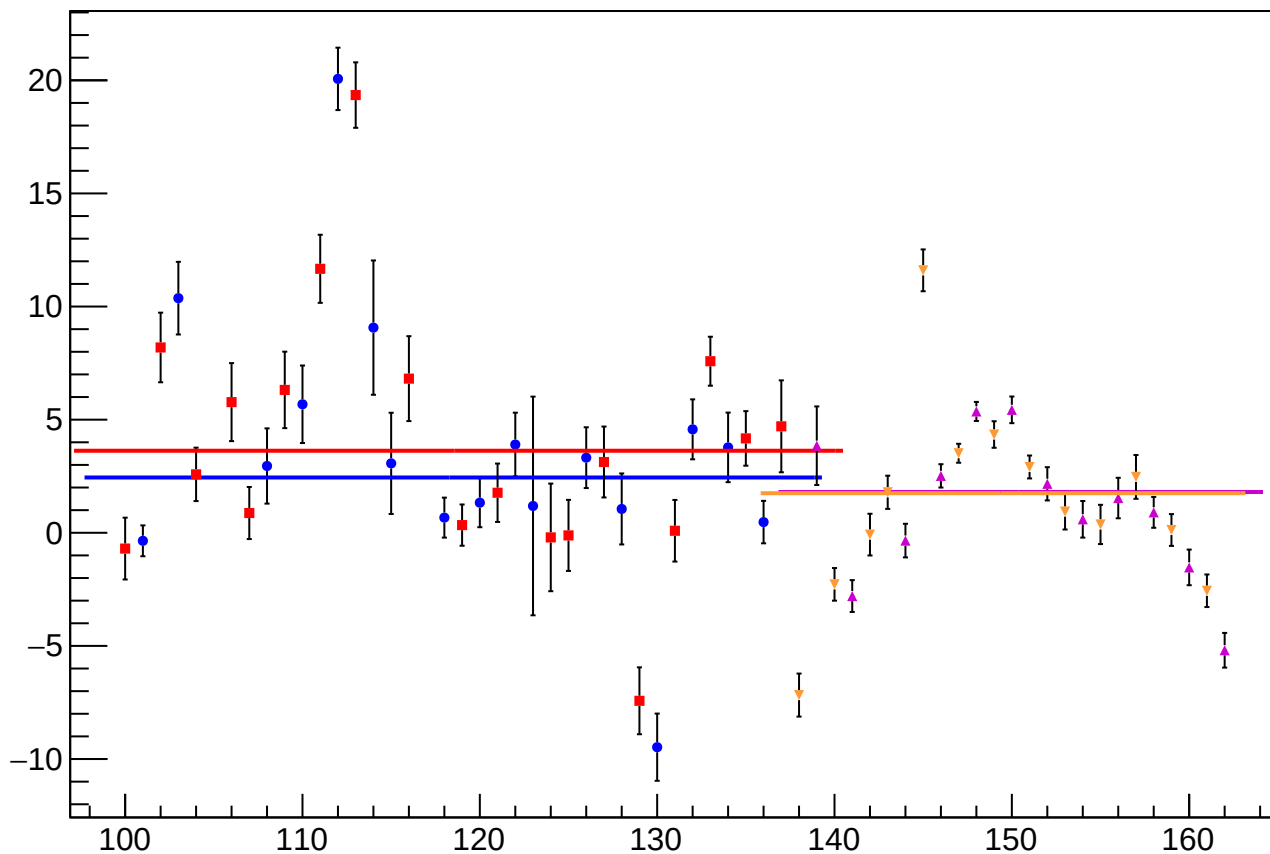
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 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: -35.103+/-0.203 χ^2/NDF : 984.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.460+/-0.287 χ^2/NDF :370.3/11
 Out: -34.747+/-0.287 χ^2/NDF :610.8/12
 All: -35.103+/-0.203 χ^2/NDF : 984.1/24

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 1.749 $\pm$ 0.190 χ^2 /NDF:324.6/12

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 1.803 $\pm$ 0.194 χ^2 /NDF:269.3/11

Left: 1.776 $\pm$ 0.136 χ^2 /NDF: 593.9/24

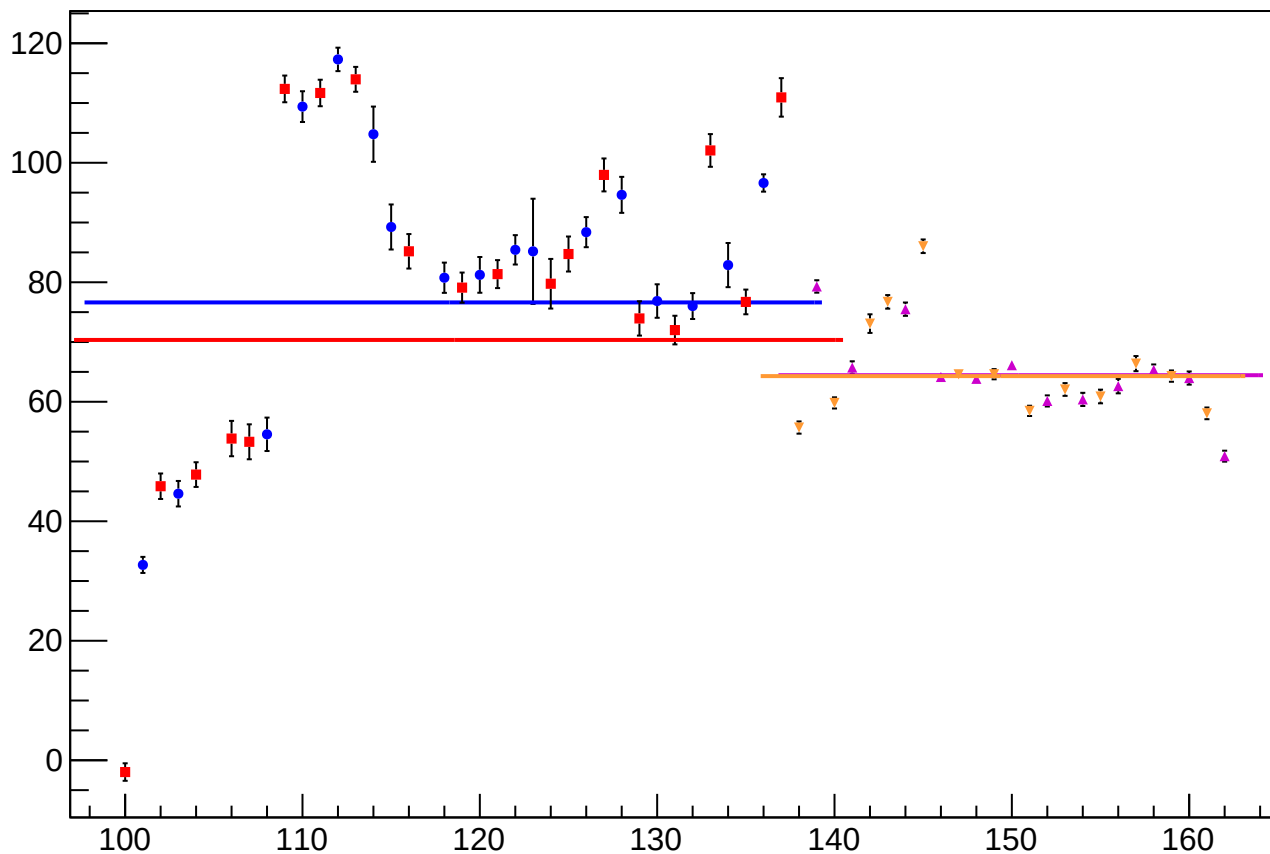
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.982 $\pm$ 0.165 χ^2 /NDF:565.0/28

Out: 2.244 $\pm$ 0.163 χ^2 /NDF:629.2/31

All: 2.114 $\pm$ 0.116 χ^2 /NDF: 1195.4/60

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.294 $\pm$ 0.281 χ^2 /NDF: 711.5/12

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 64.444 $\pm$ 0.278 χ^2 /NDF: 563.8/11

Left: 64.370 $\pm$ 0.198 χ^2 /NDF: 1275.4/24

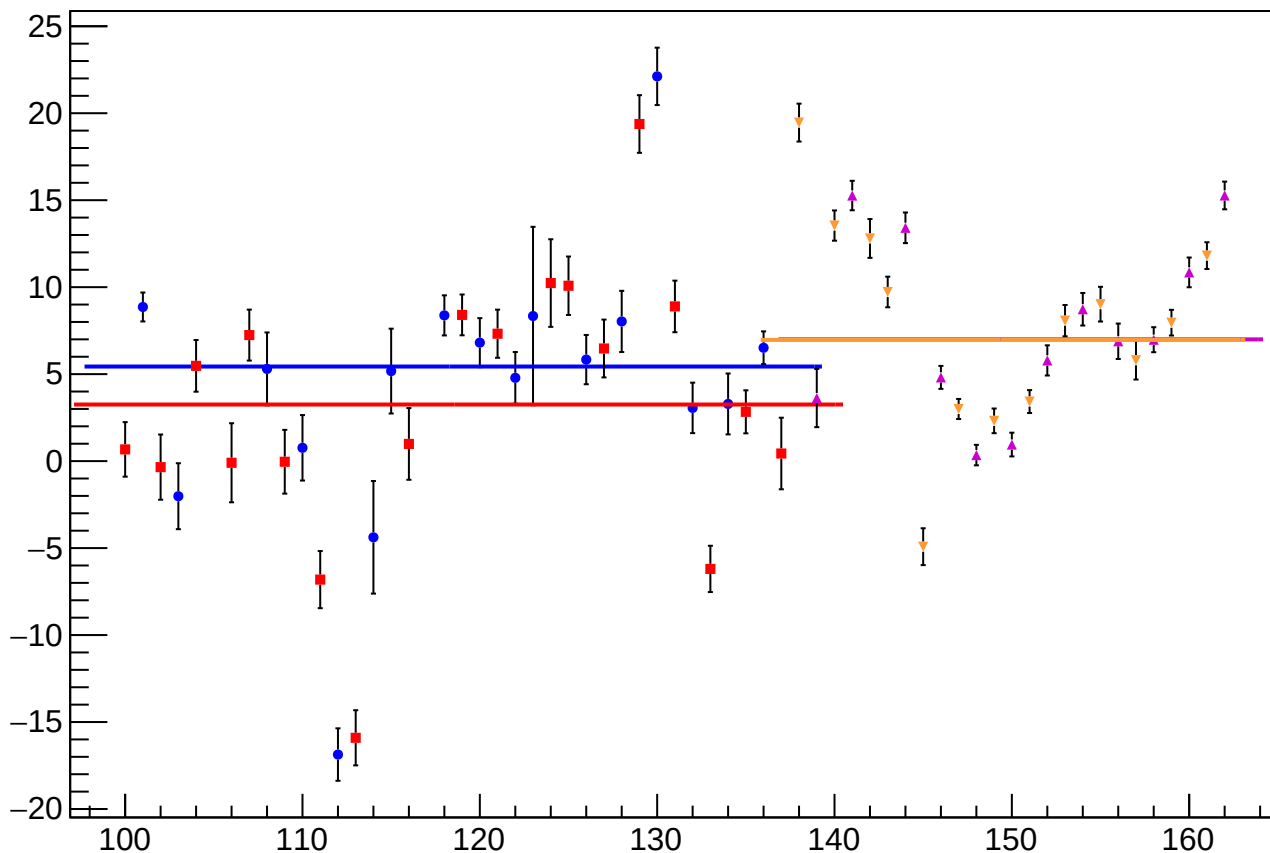
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 66.762 $\pm$ 0.251 χ^2 /NDF: 3190.7/28

Out: 65.550 $\pm$ 0.250 χ^2 /NDF: 5195.7/31

All: 66.155 $\pm$ 0.177 χ^2 /NDF: 8398.1/60

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 6.969 $\pm$ 0.229 χ^2 /NDF: 519.7/12

Right Out: 3.253 $\pm$ 0.365 χ^2 /NDF: 423.7/18

Left In: 6.999 $\pm$ 0.231 χ^2 /NDF: 502.8/11

Left: 6.984 $\pm$ 0.163 χ^2 /NDF: 1022.6/24

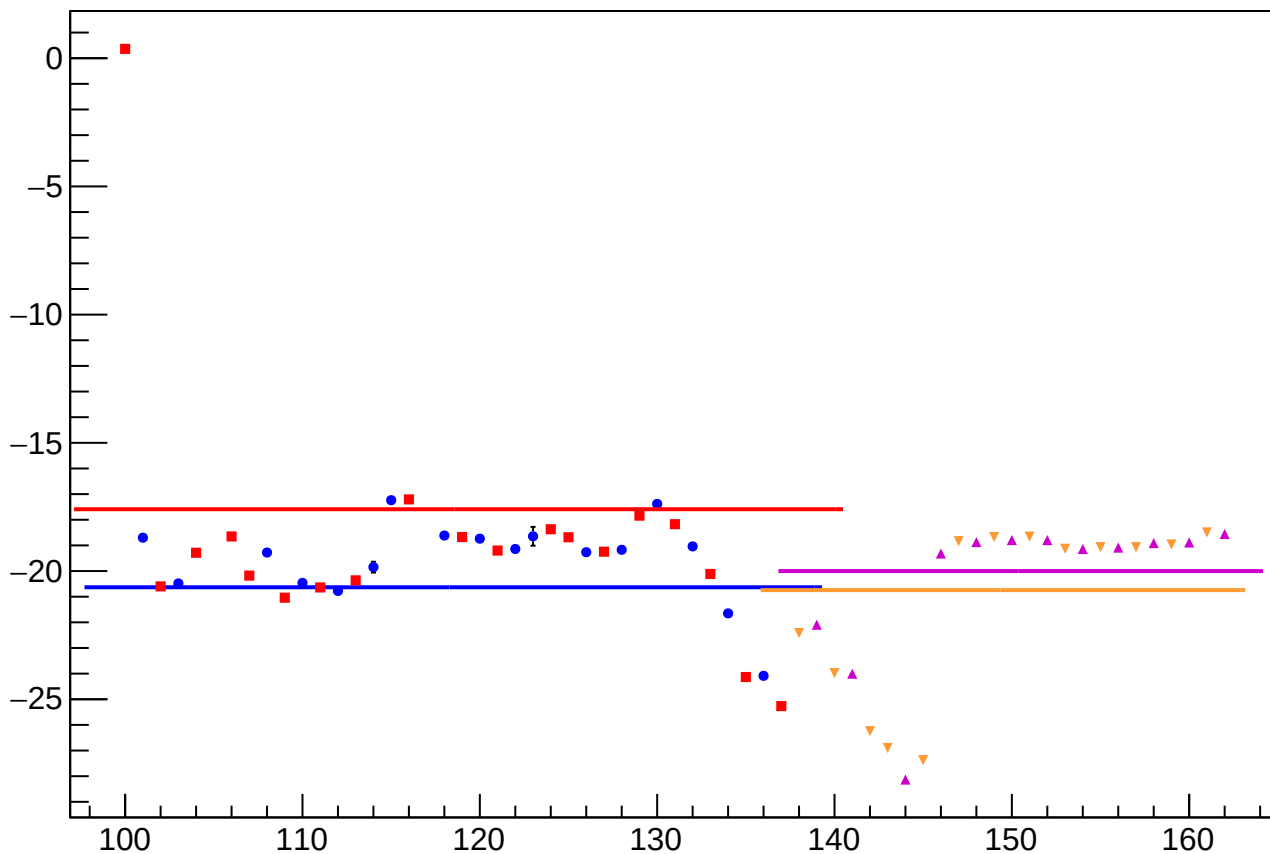
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 6.539 $\pm$ 0.194 χ^2 /NDF: 900.7/28

Out: 5.918 $\pm$ 0.194 χ^2 /NDF: 1017.8/31

All: 6.228 $\pm$ 0.137 χ^2 /NDF: 1923.6/60

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.743 ± 0.011 $\chi^2/\text{NDF}: 75790.2/12$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.001 ± 0.011 $\chi^2/\text{NDF}: 47990.2/11$

Left: -20.365 ± 0.008 $\chi^2/\text{NDF}: 126026.7/24$

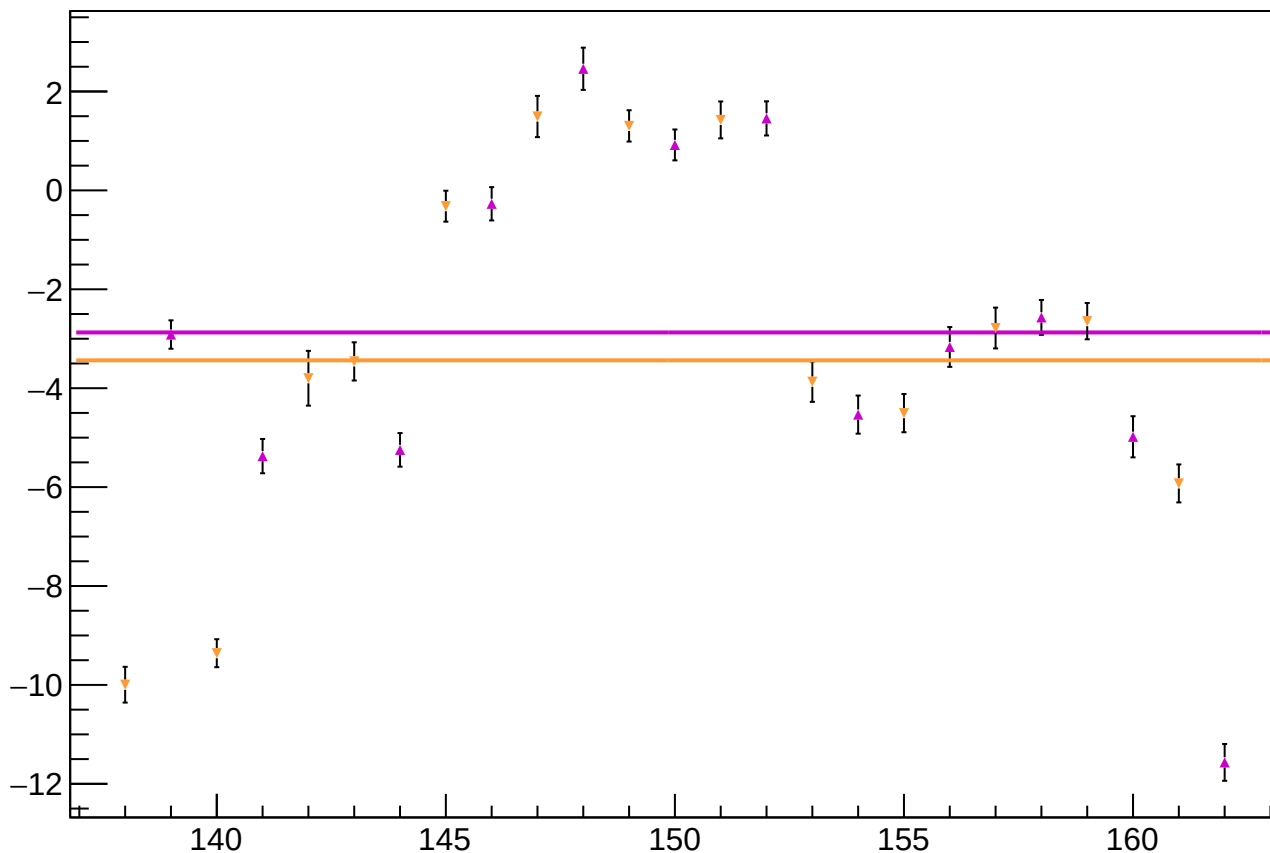
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.155 ± 0.010 $\chi^2/\text{NDF}: 61341.4/28$

Out: -19.868 ± 0.009 $\chi^2/\text{NDF}: 276607.0/31$

All: -20.011 ± 0.007 $\chi^2/\text{NDF}: 338405.6/60$

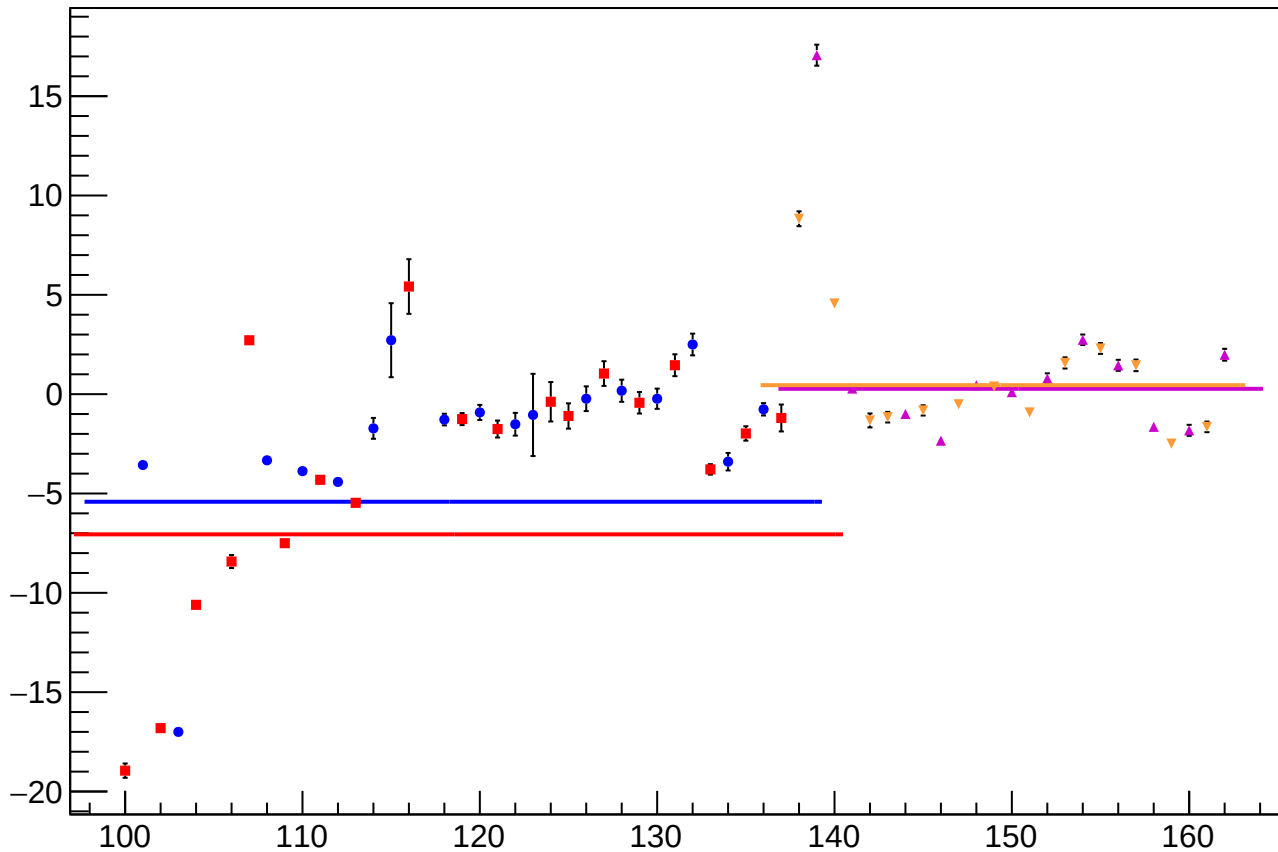
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



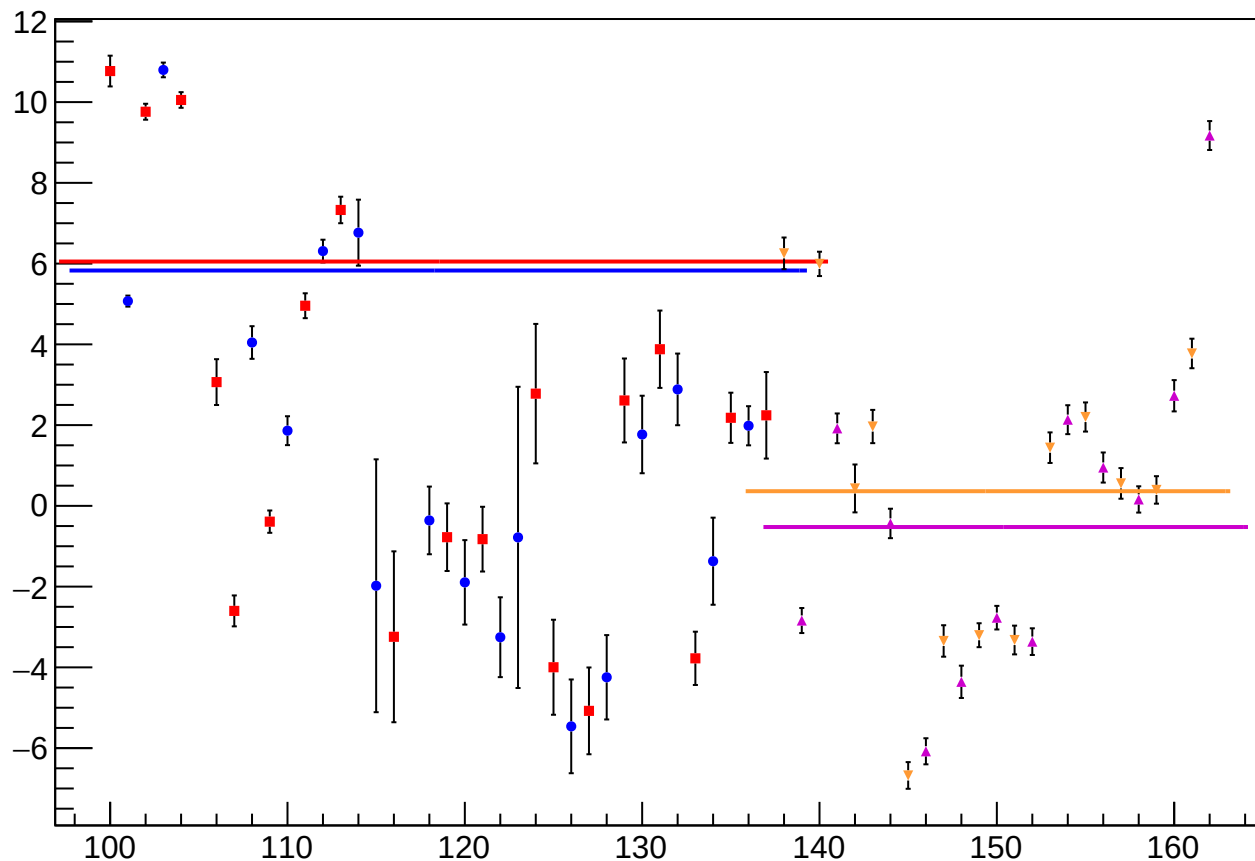
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.437+/-0.102 χ^2/NDF :1457.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.873+/-0.102 χ^2/NDF :1212.9/11

Left: -3.155+/-0.072 χ^2/NDF : 2685.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.873+/-0.102 χ^2/NDF :1212.9/11
 Out: -3.437+/-0.102 χ^2/NDF :1457.6/12
 All: -3.155+/-0.072 χ^2/NDF : 2685.7/24

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.363 ± 0.101 $\chi^2/\text{NDF}: 1506.9/12$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.524 ± 0.100 $\chi^2/\text{NDF}: 1499.1/11$

Left: -0.085 ± 0.071 $\chi^2/\text{NDF}: 3045.3/24$

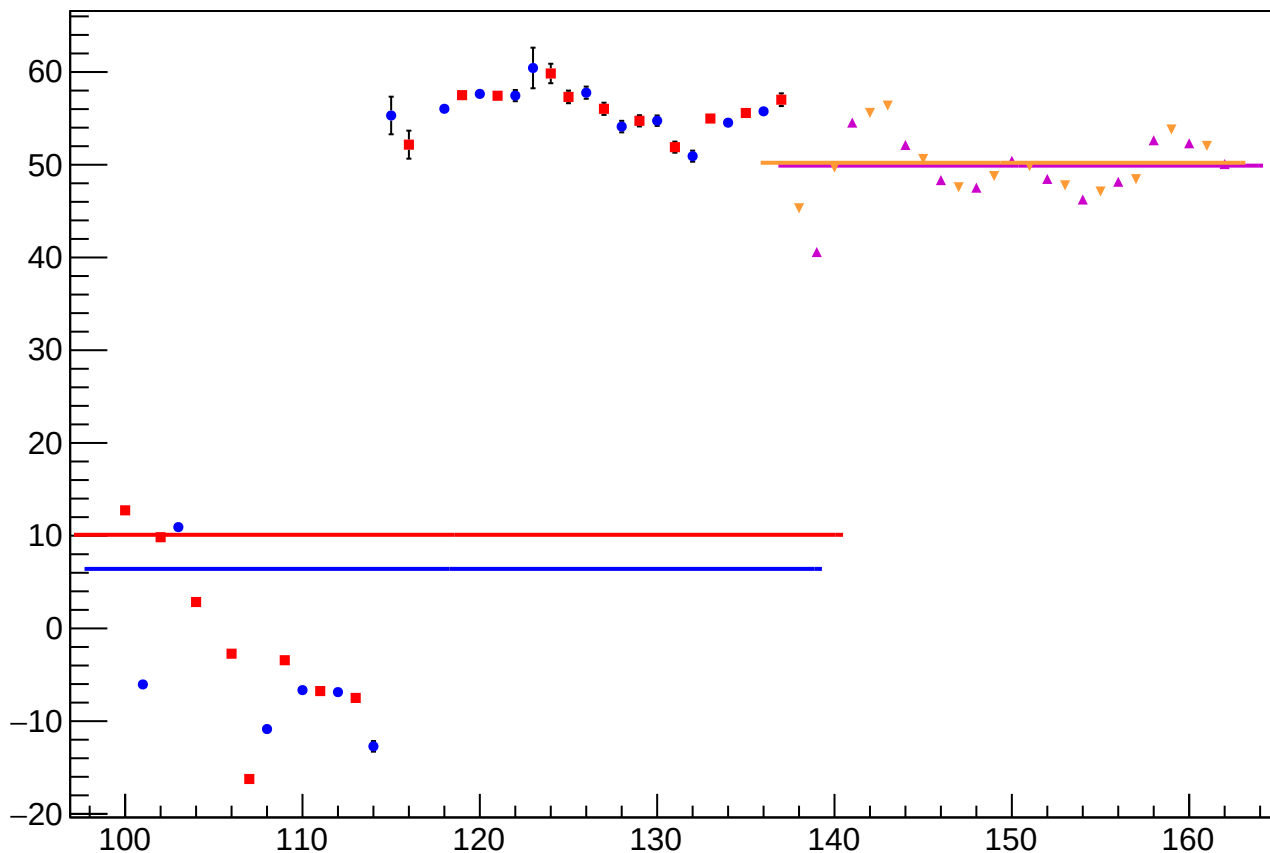
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.985 ± 0.067 $\chi^2/\text{NDF}: 5196.6/28$

Out: 3.419 ± 0.068 $\chi^2/\text{NDF}: 5901.2/31$

All: 3.196 ± 0.048 $\chi^2/\text{NDF}: 11118.4/60$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.214 ± 0.084 χ^2/NDF : 1206.0/12

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.904 ± 0.085 χ^2/NDF : 1114.9/11

Left: 50.061 ± 0.060 χ^2/NDF : 2327.6/24

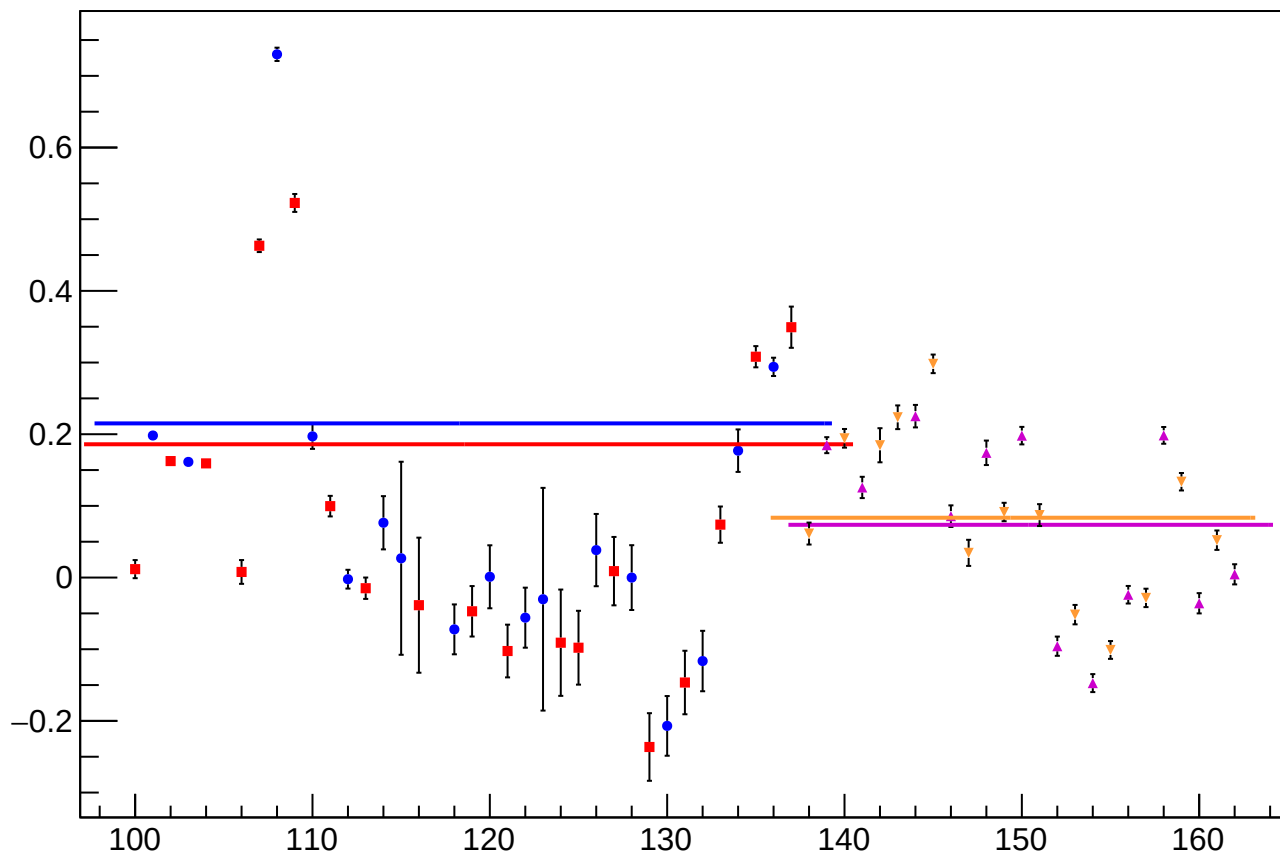
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 22.341 ± 0.052 χ^2/NDF : 289434.7/28

Out: 26.480 ± 0.054 χ^2/NDF : 258586.0/31

All: 24.329 ± 0.037 χ^2/NDF : 551118.3/60

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.083 ± 0.004 $\chi^2/\text{NDF}: 865.1/12$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.074 ± 0.004 $\chi^2/\text{NDF}: 1074.8/11$

Left: 0.078 ± 0.003 $\chi^2/\text{NDF}: 1943.1/24$

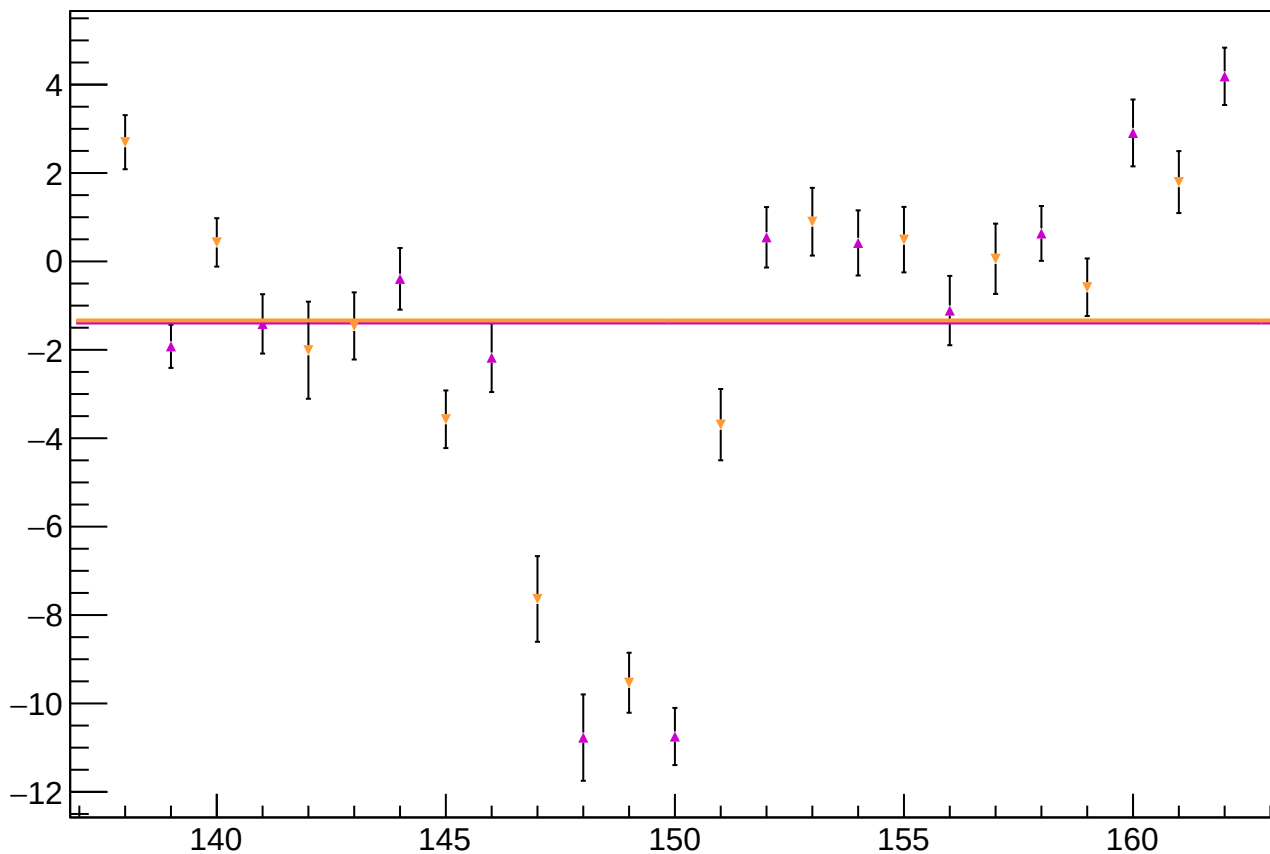
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.167 ± 0.002 $\chi^2/\text{NDF}: 5889.4/28$

Out: 0.153 ± 0.002 $\chi^2/\text{NDF}: 4049.6/31$

All: 0.160 ± 0.002 $\chi^2/\text{NDF}: 9958.1/60$

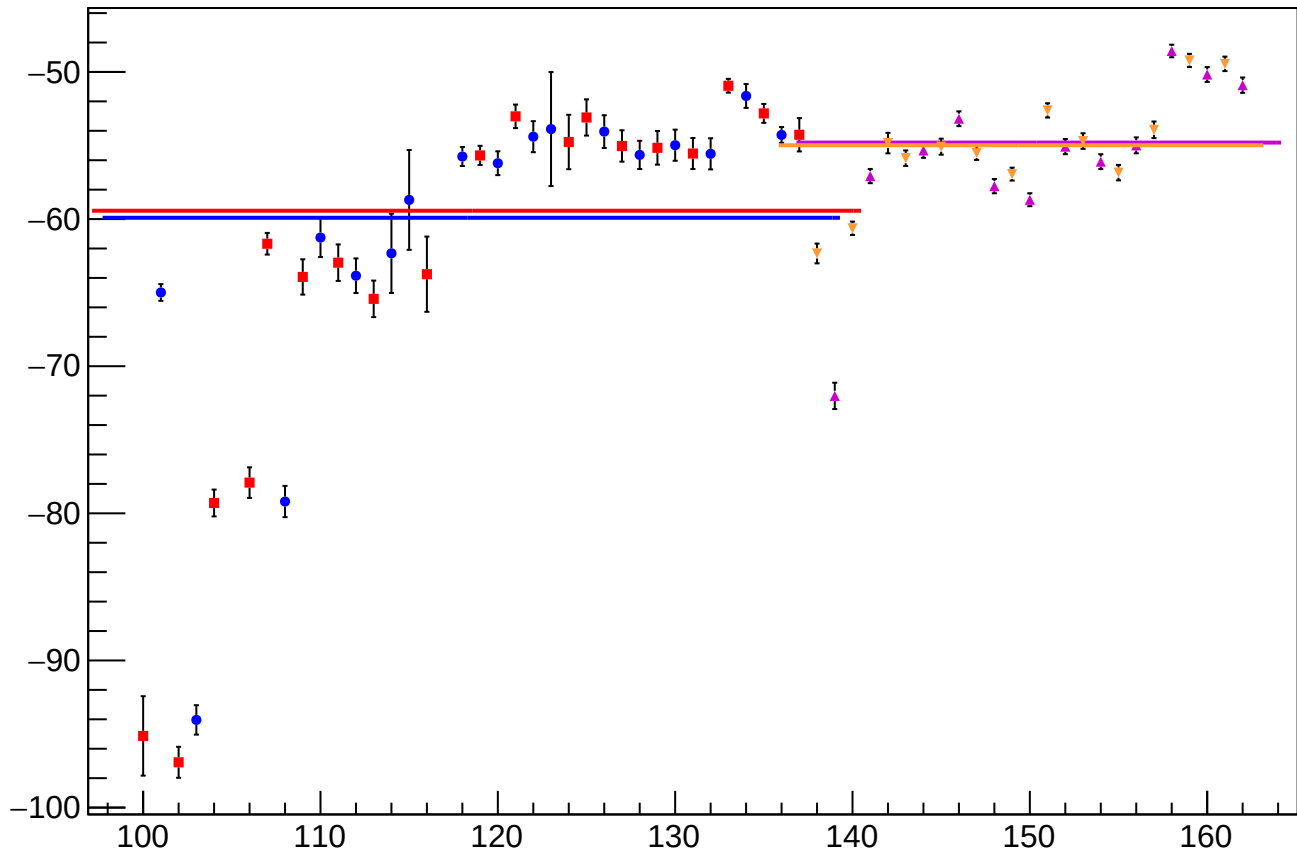
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 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: -1.359+/-0.140 χ^2/NDF : 738.5/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.382+/-0.197 χ^2/NDF :437.1/11
 Out: -1.336+/-0.199 χ^2/NDF :301.4/12
 All: -1.359+/-0.140 χ^2/NDF : 738.5/24

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.982 ± 0.142 χ^2/NDF : 626.5/12

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.800 ± 0.146 χ^2/NDF : 876.3/11

Left: -54.893 ± 0.102 χ^2/NDF : 1503.5/24

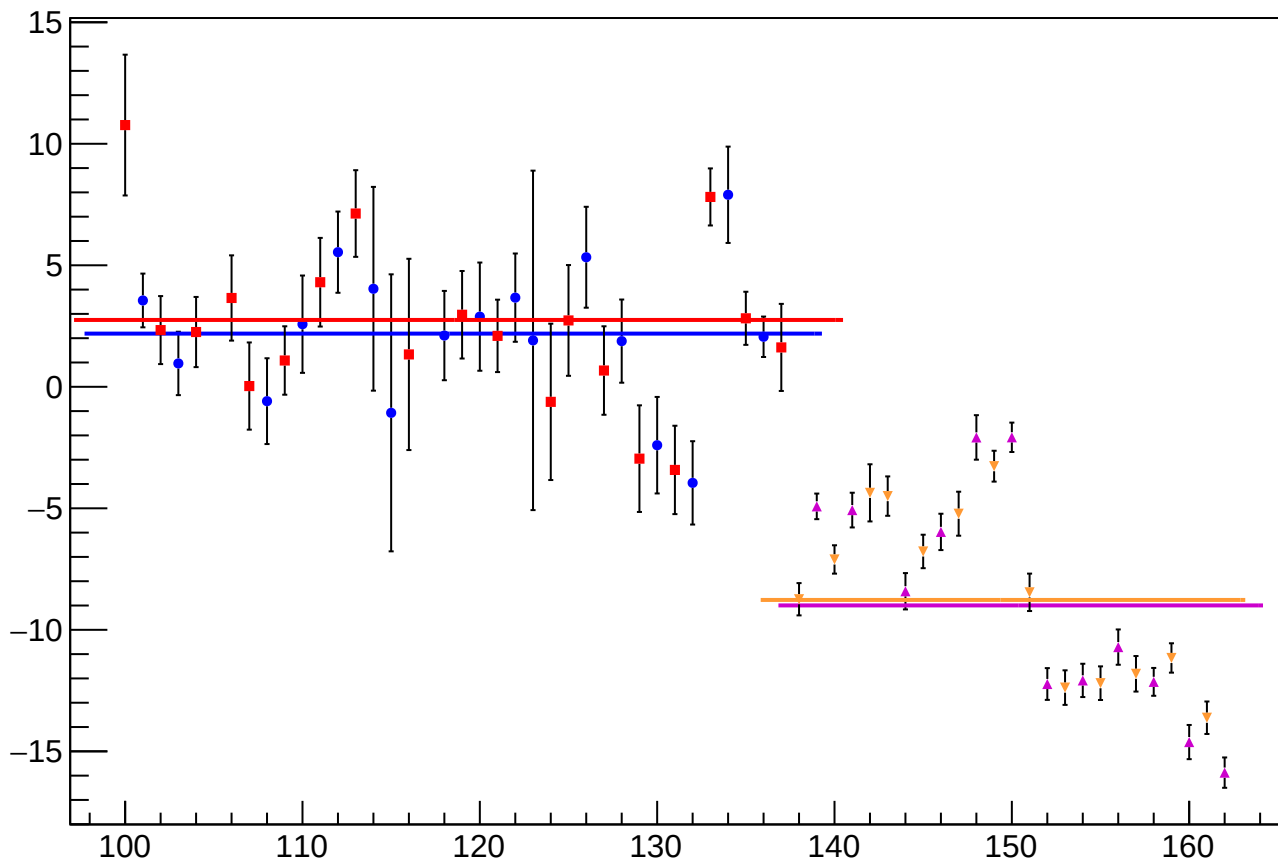
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.331 ± 0.122 χ^2/NDF : 3224.4/28

Out: -56.367 ± 0.118 χ^2/NDF : 3849.9/31

All: -56.349 ± 0.085 χ^2/NDF : 7074.3/60

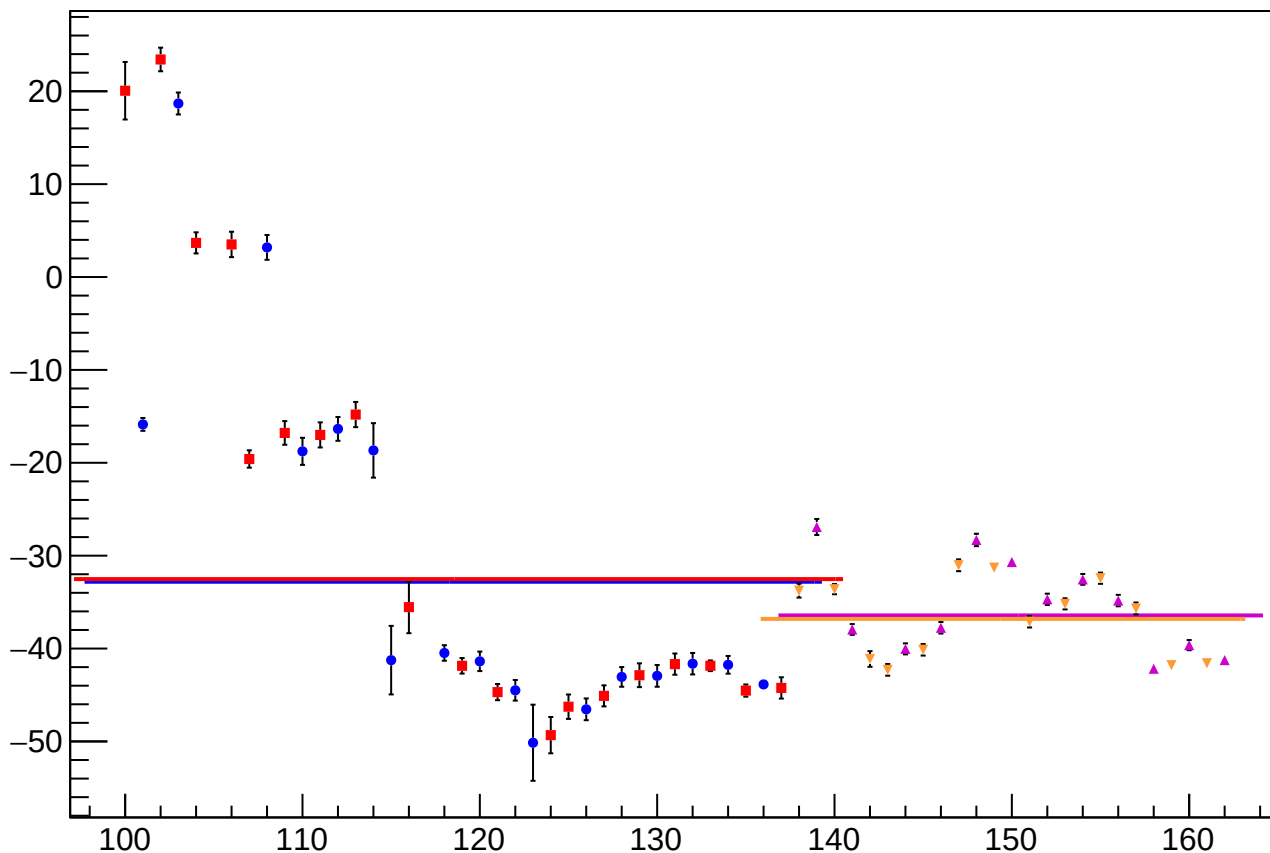
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.771 ± 0.197 $\chi^2/\text{NDF}: 284.8/12$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -8.996 ± 0.192 $\chi^2/\text{NDF}: 560.7/11$

Left: -8.886 ± 0.137 $\chi^2/\text{NDF}: 846.1/24$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -6.936 ± 0.174 $\chi^2/\text{NDF}: 1223.4/28$
 Out: -6.410 ± 0.175 $\chi^2/\text{NDF}: 1046.8/31$
 All: -6.676 ± 0.123 $\chi^2/\text{NDF}: 2274.7/60$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -36.807 ± 0.166 $\chi^2/\text{NDF}: 629.1/12$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.435 ± 0.167 $\chi^2/\text{NDF}: 778.4/11$

Left: -36.622 ± 0.118 $\chi^2/\text{NDF}: 1410.0/24$

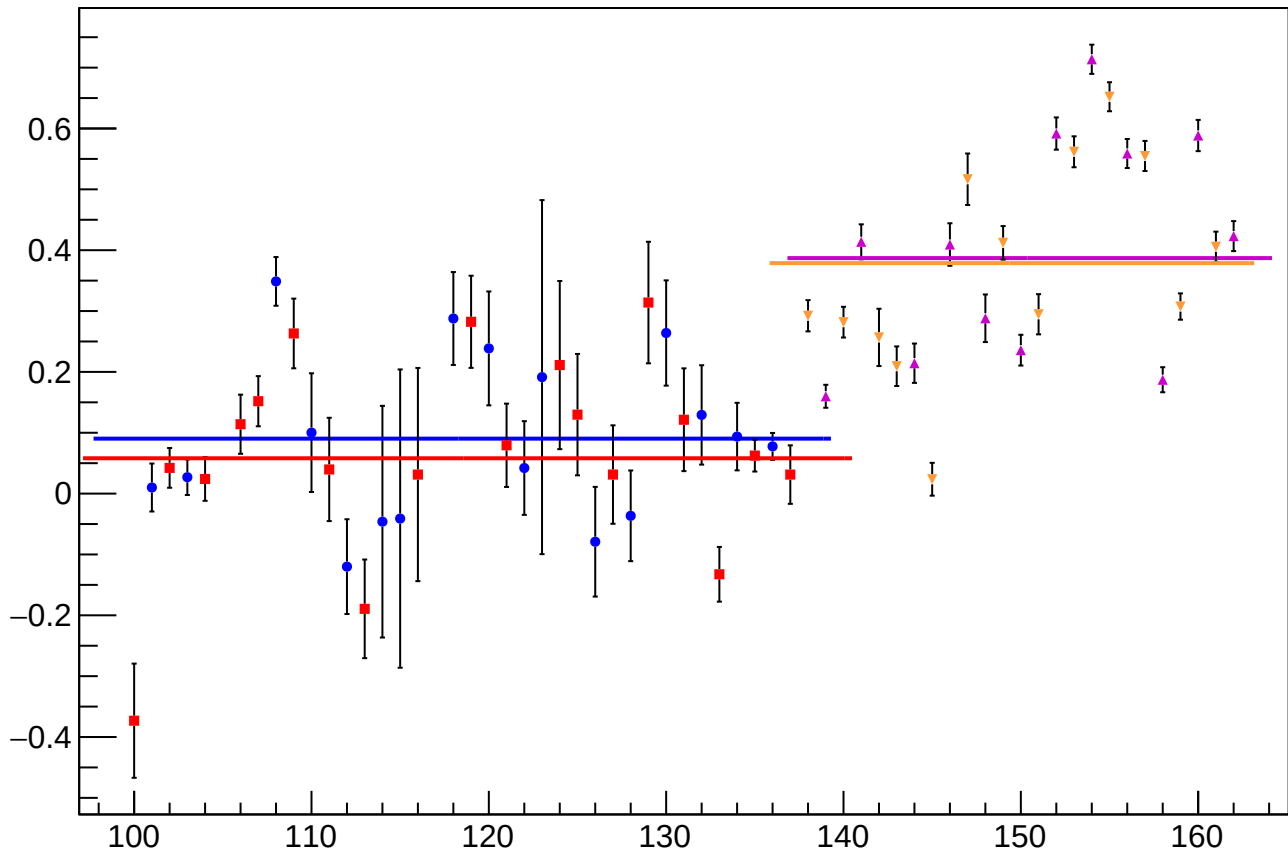
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.340 ± 0.140 $\chi^2/\text{NDF}: 5583.5/28$

Out: -35.449 ± 0.137 $\chi^2/\text{NDF}: 6880.6/31$

All: -35.395 ± 0.098 $\chi^2/\text{NDF}: 12464.4/60$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.379 $\pm$ 0.008 χ^2 /NDF:498.1/12

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.387 $\pm$ 0.007 χ^2 /NDF:672.0/11

Left: 0.383 $\pm$ 0.005 χ^2 /NDF: 1170.6/24

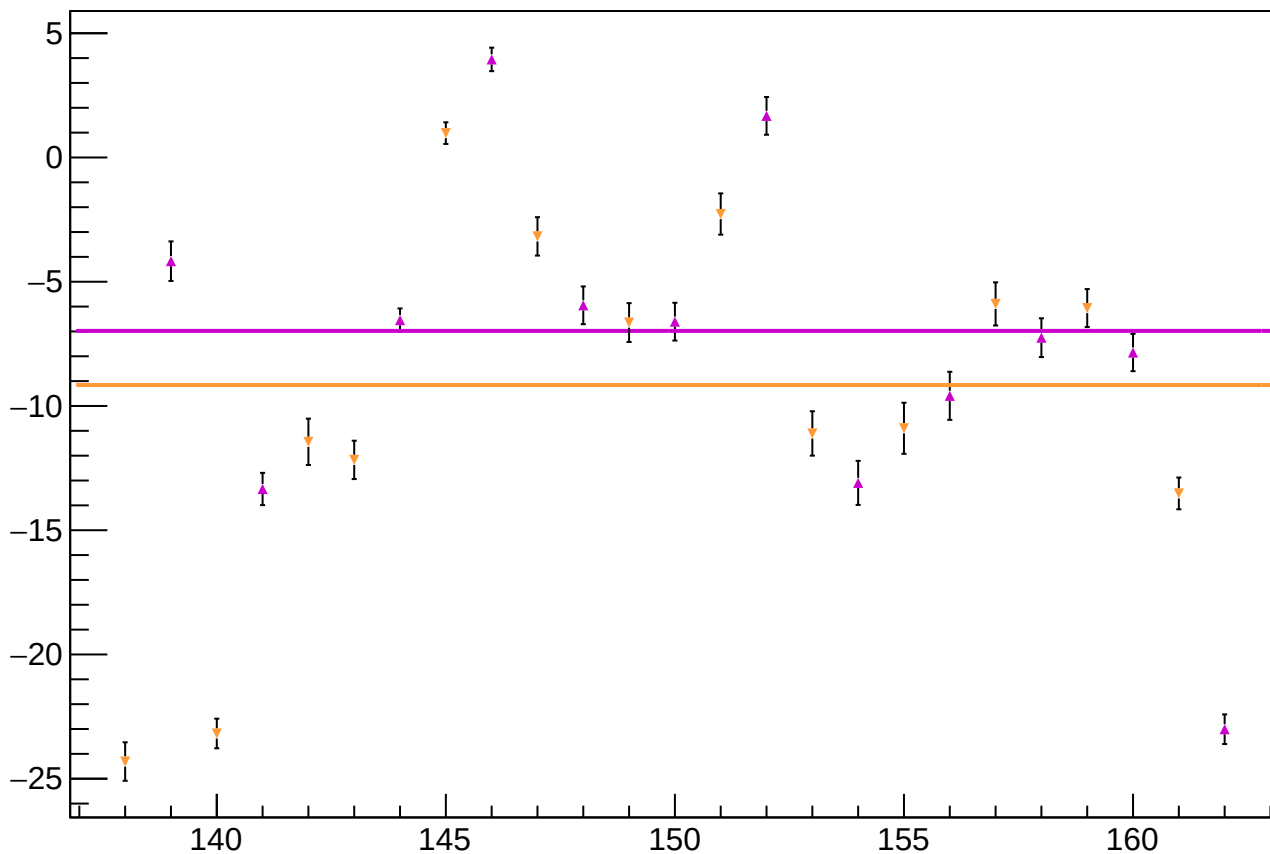
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.313 $\pm$ 0.006 χ^2 /NDF:1158.6/28

Out: 0.289 $\pm$ 0.006 χ^2 /NDF:1087.0/31

All: 0.301 $\pm$ 0.005 χ^2 /NDF: 2252.6/60

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



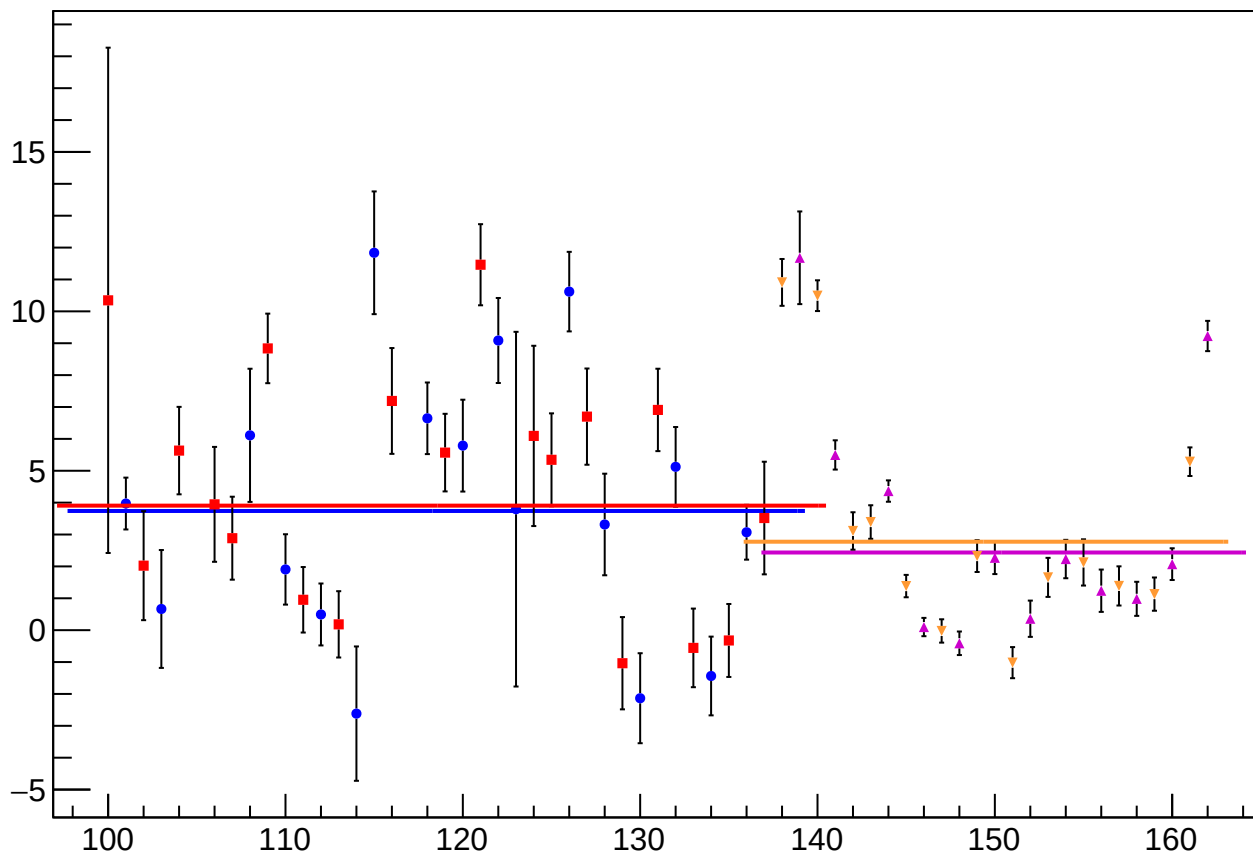
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.157+/-0.200 χ^2/NDF :1720.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.978+/-0.194 χ^2/NDF :1553.9/11

Left: -8.032+/-0.139 χ^2/NDF : 3335.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.978+/-0.194 χ^2/NDF :1553.9/11
 Out: -9.157+/-0.200 χ^2/NDF :1720.4/12

All: -8.032+/-0.139 χ^2/NDF : 3335.6/24

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.775 $\pm$ 0.138 χ^2 /NDF:566.2/12

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 2.436 $\pm$ 0.132 χ^2 /NDF:473.2/11

Left: 2.597 $\pm$ 0.095 χ^2 /NDF: 1042.5/24

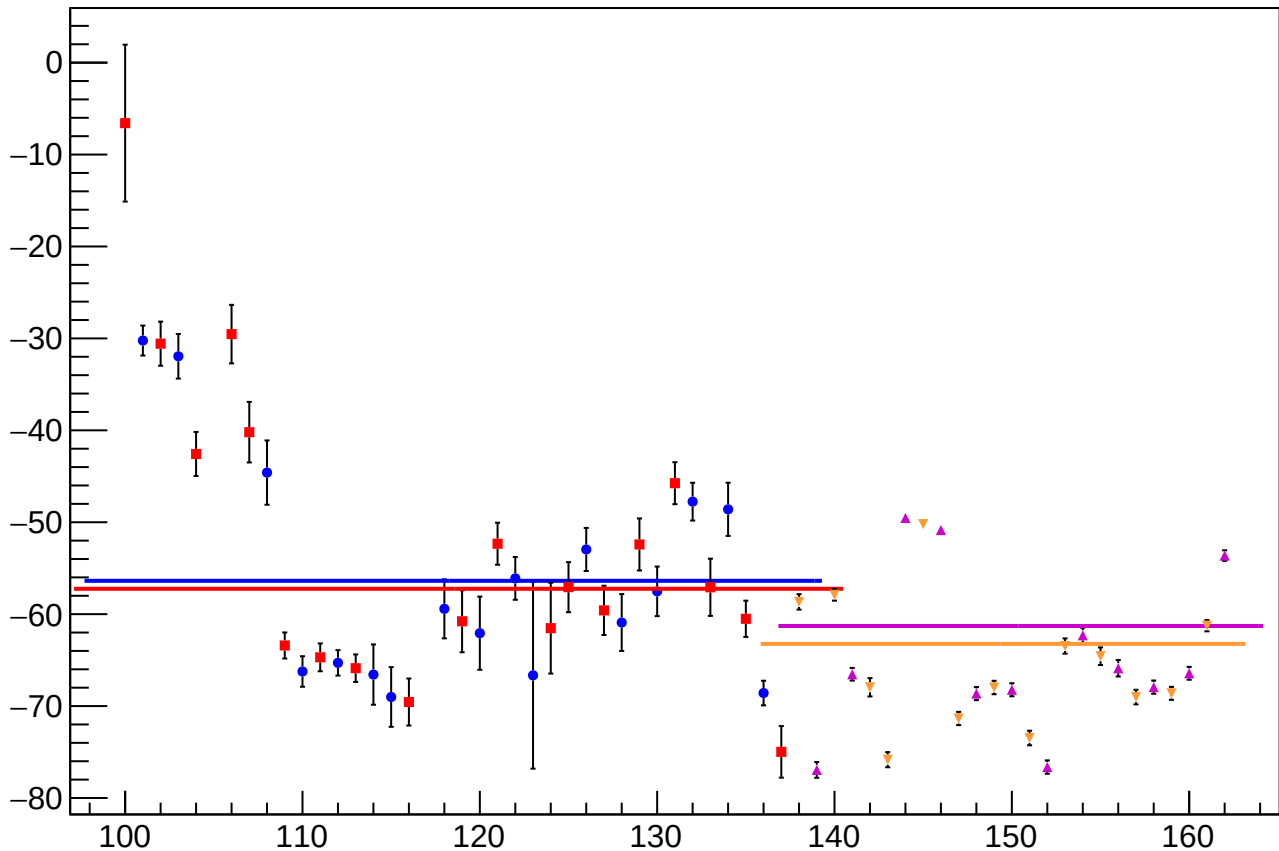
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.637 $\pm$ 0.121 χ^2 /NDF:625.1/28

Out: 2.956 $\pm$ 0.127 χ^2 /NDF:712.4/31

All: 2.790 $\pm$ 0.088 χ^2 /NDF: 1340.8/60

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -63.235 ± 0.199 χ^2/NDF : 1602.9/12

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -61.287 ± 0.190 χ^2/NDF : 2453.4/11

Left: -62.213 ± 0.137 χ^2/NDF : 4106.4/24

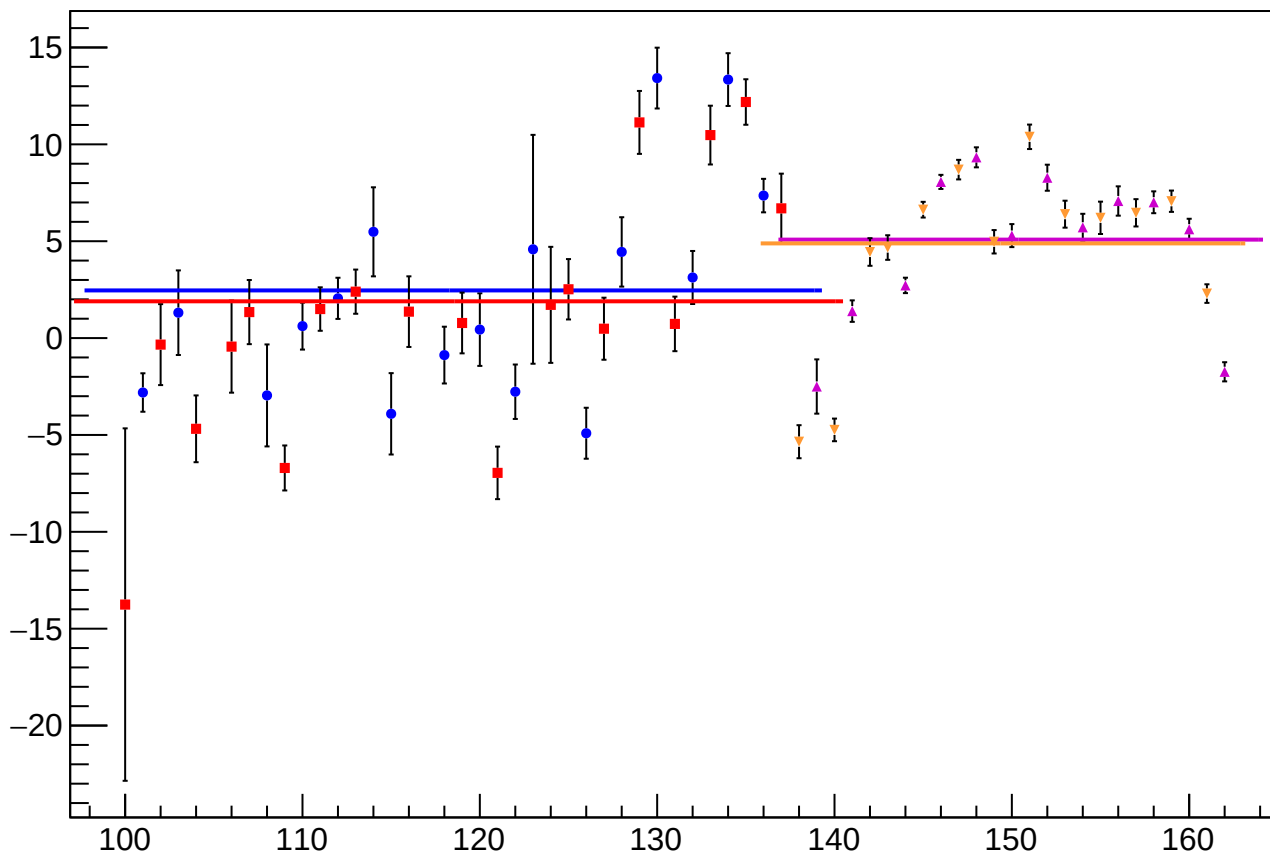
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -60.753 ± 0.179 χ^2/NDF : 3114.0/28

Out: -62.506 ± 0.187 χ^2/NDF : 2189.1/31

All: -61.592 ± 0.129 χ^2/NDF : 5349.1/60

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.887 ± 0.164 χ^2/NDF : 624.4/12

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.082 ± 0.156 χ^2/NDF : 476.5/11

Left: 4.989 ± 0.113 χ^2/NDF : 1101.6/24

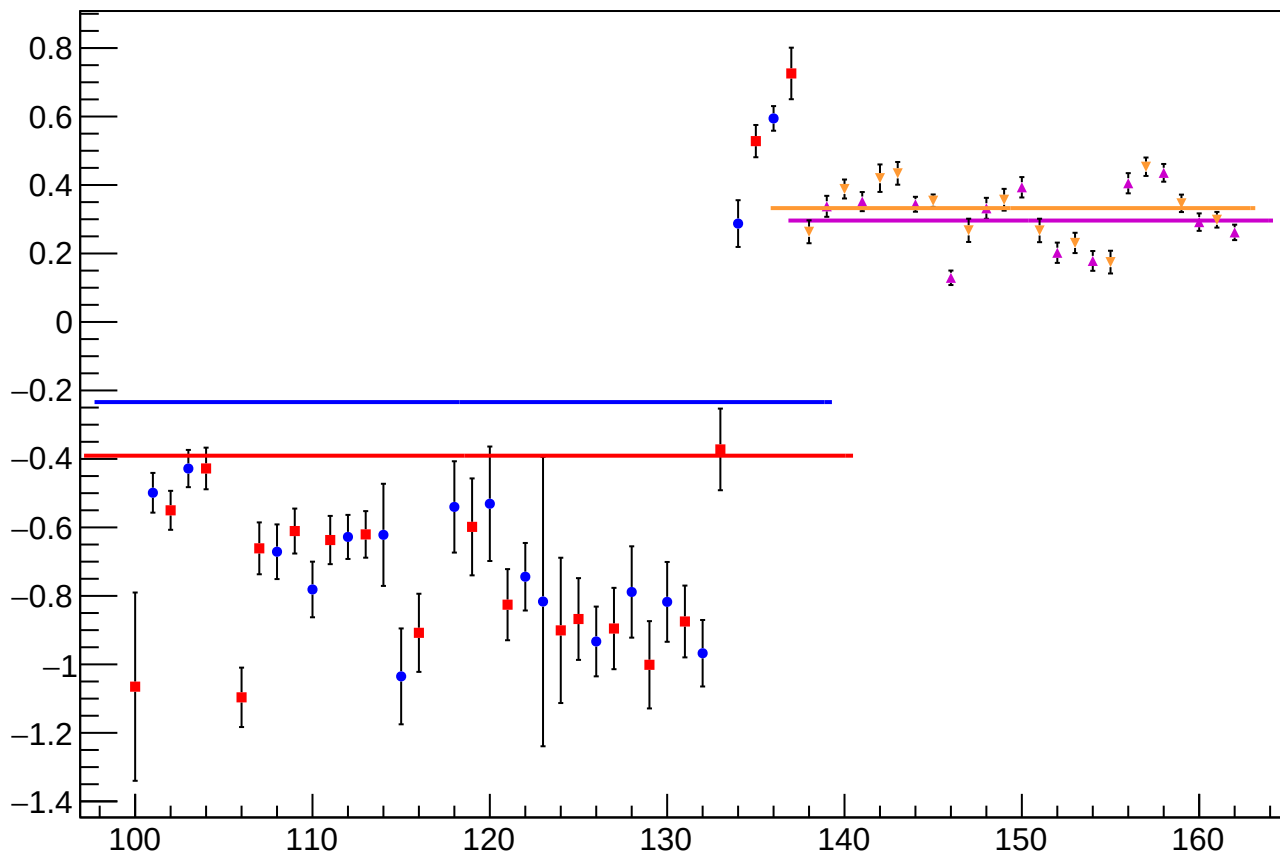
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.637 ± 0.143 χ^2/NDF : 768.0/28

Out: 4.361 ± 0.149 χ^2/NDF : 950.9/31

All: 4.505 ± 0.103 χ^2/NDF : 1720.8/60

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.333 ± 0.008 χ^2/NDF : 88.8/12

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.296 ± 0.008 χ^2/NDF : 156.7/11

Left: 0.314 ± 0.005 χ^2/NDF : 256.5/24

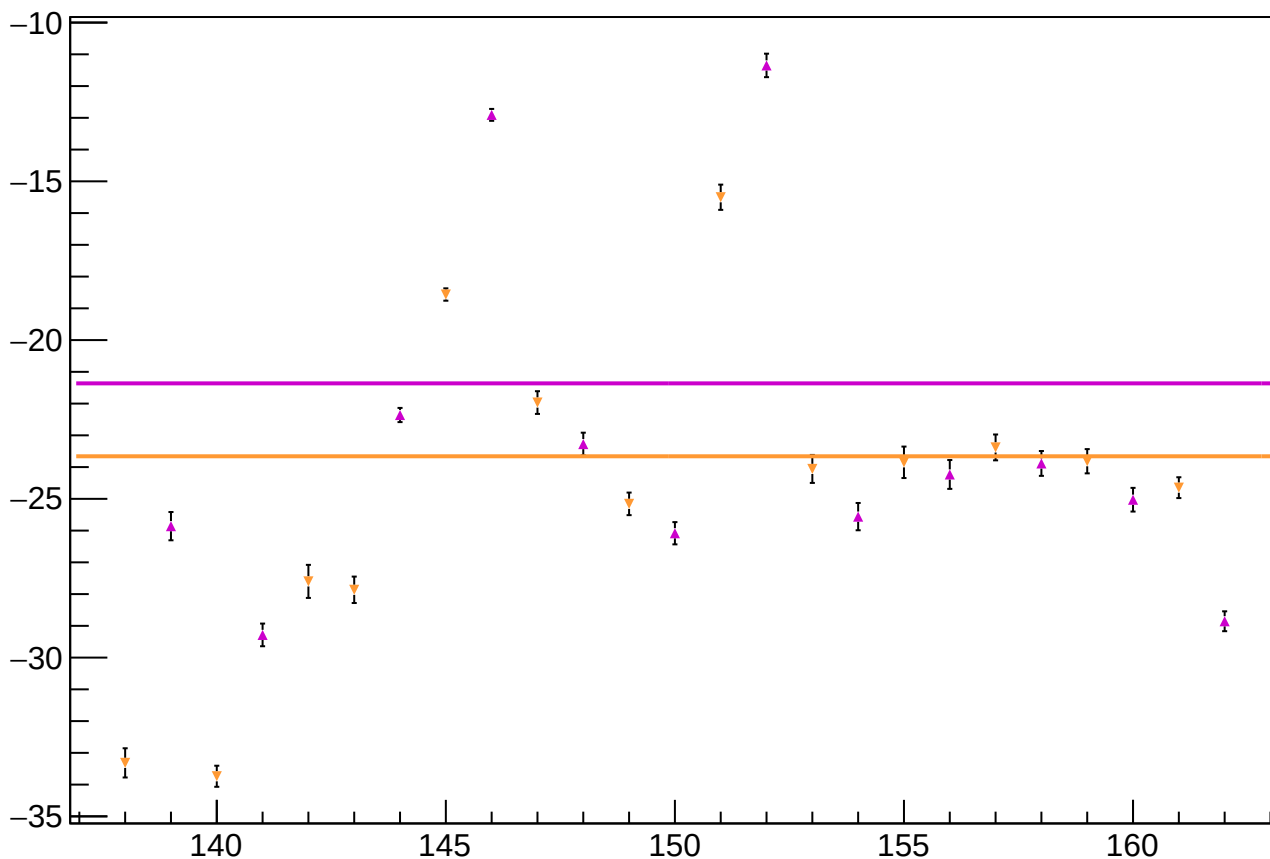
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.223 ± 0.007 χ^2/NDF : 1793.0/28

Out: 0.227 ± 0.007 χ^2/NDF : 2184.3/31

All: 0.225 ± 0.005 χ^2/NDF : 3977.5/60

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: -23.660 ± 0.098 $\chi^2/\text{NDF}: 2677.4/12$
 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: -22.430 ± 0.067 $\chi^2/\text{NDF}: 7407.8/24$

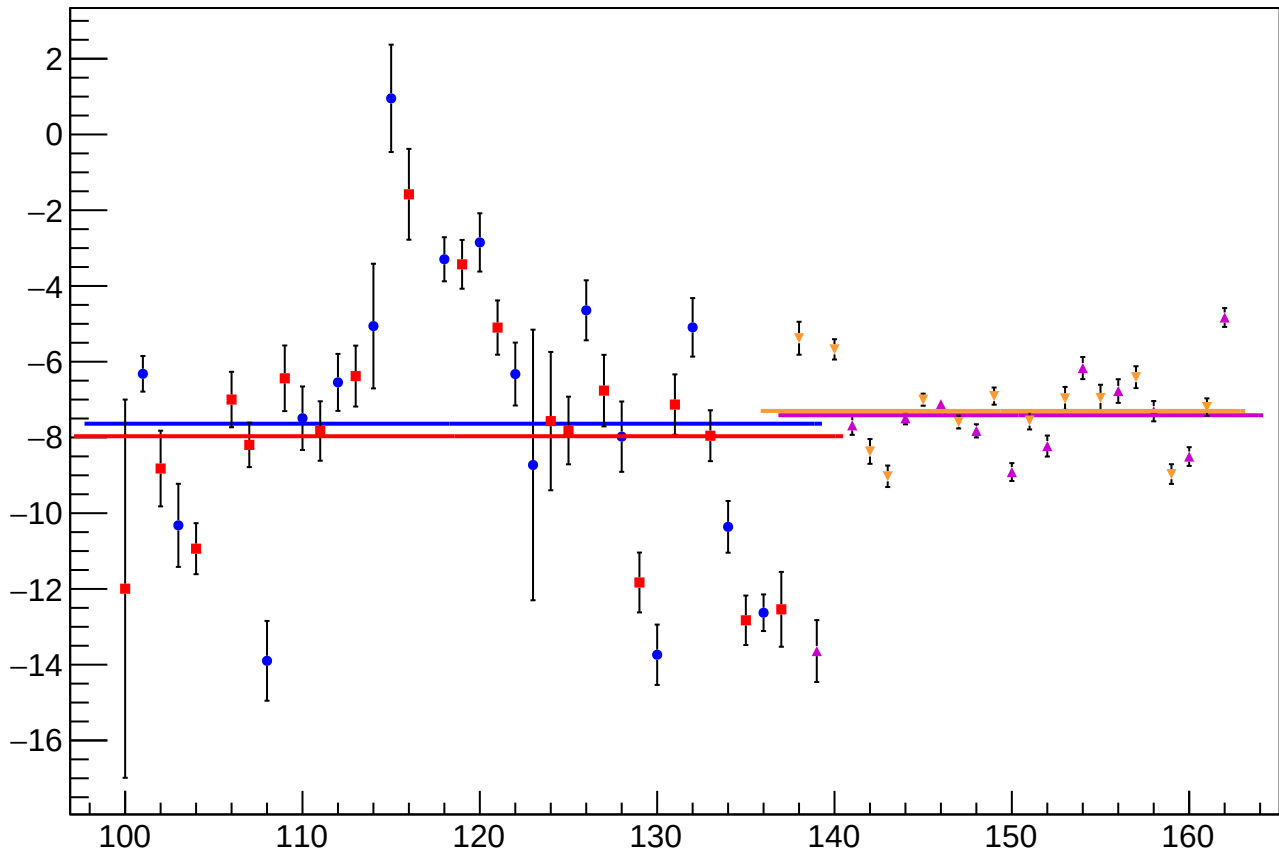
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.363 ± 0.092 $\chi^2/\text{NDF}: 4439.2/11$

Out: -23.660 ± 0.098 $\chi^2/\text{NDF}: 2677.4/12$

All: -22.430 ± 0.067 $\chi^2/\text{NDF}: 7407.8/24$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.299 ± 0.068 χ^2/NDF : 167.5/12

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.414 ± 0.062 χ^2/NDF : 270.1/11

Left: -7.362 ± 0.046 χ^2/NDF : 439.2/24

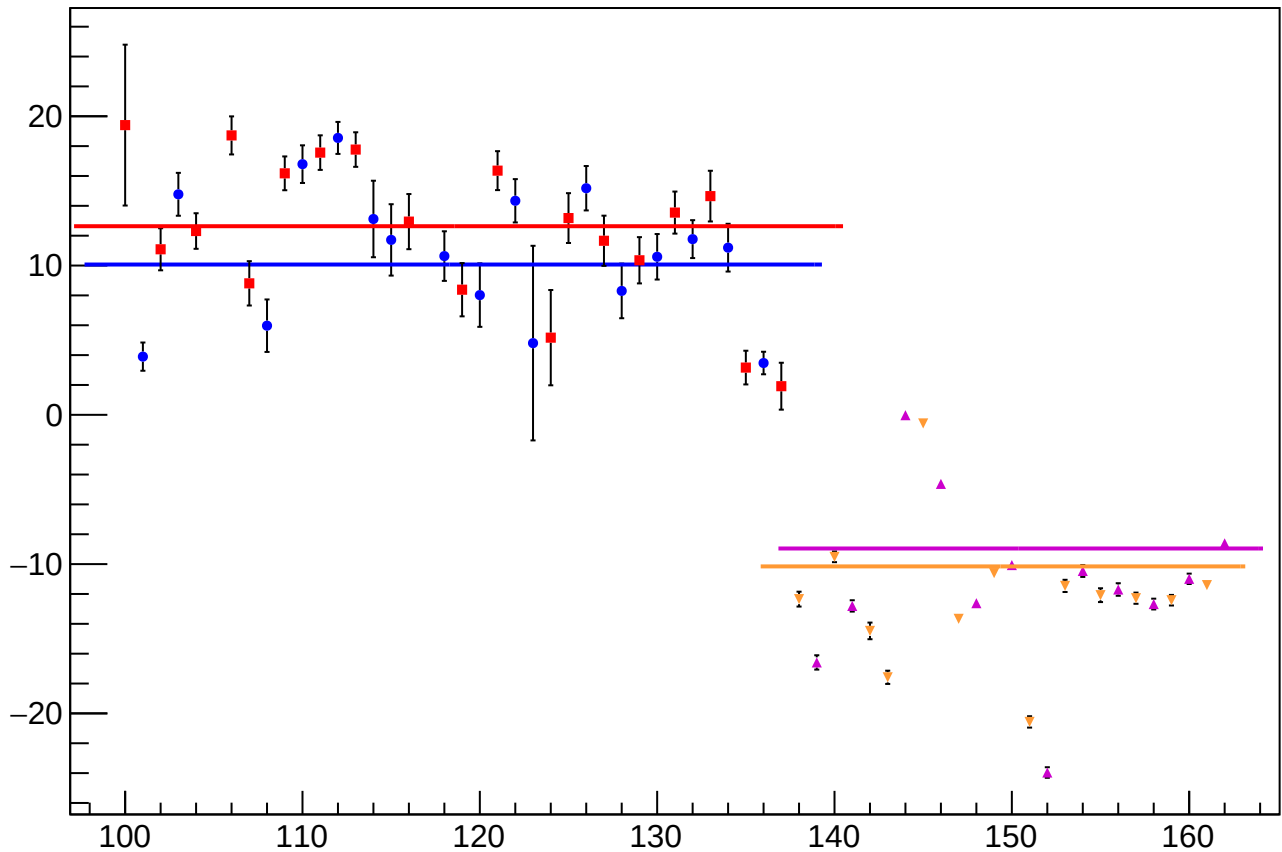
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.436 ± 0.059 χ^2/NDF : 665.4/28

Out: -7.378 ± 0.064 χ^2/NDF : 406.1/31

All: -7.409 ± 0.043 χ^2/NDF : 1072.0/60

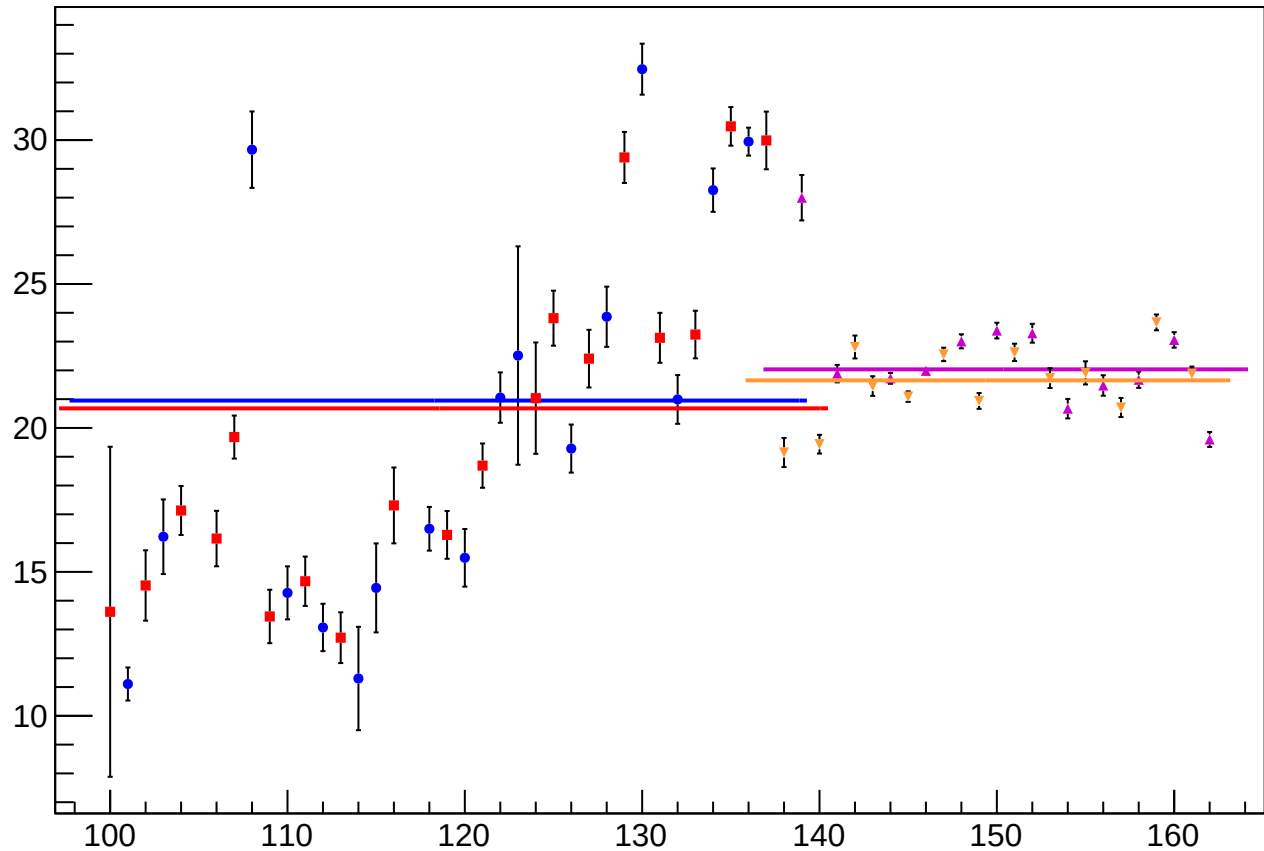
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -10.154 ± 0.098 $\chi^2/\text{NDF}: 3502.1/12$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -8.954 ± 0.090 $\chi^2/\text{NDF}: 4447.5/11$

Left: -9.502 ± 0.066 $\chi^2/\text{NDF}: 8031.6/24$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -7.700 ± 0.087 $\chi^2/\text{NDF}: 7669.9/28$
 Out: -8.342 ± 0.094 $\chi^2/\text{NDF}: 8047.5/31$
 All: -7.996 ± 0.064 $\chi^2/\text{NDF}: 15742.6/60$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.653 $\pm$ 0.081 χ^2 /NDF:184.6/12

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.035 $\pm$ 0.074 χ^2 /NDF:238.2/11

Left: 21.861 $\pm$ 0.054 χ^2 /NDF: 435.1/24

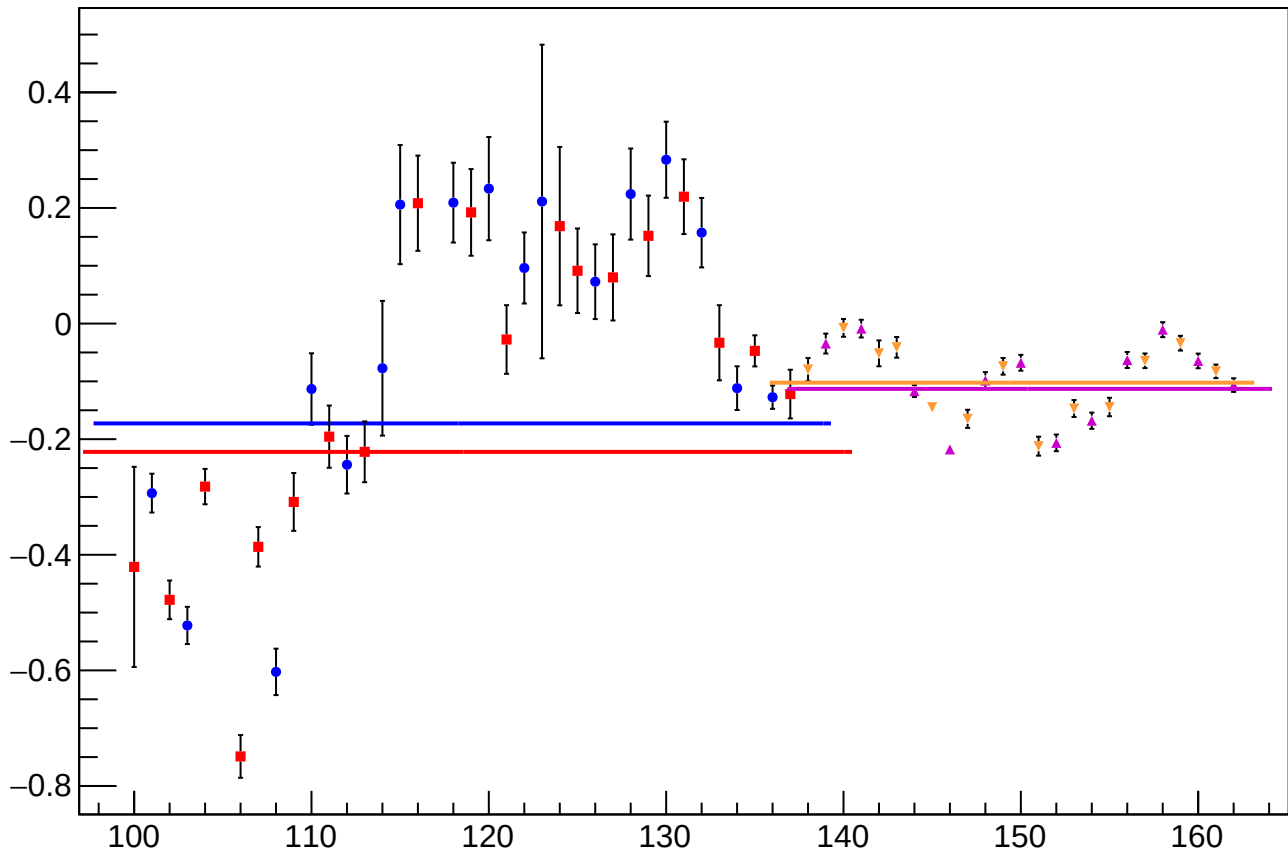
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.916 $\pm$ 0.070 χ^2 /NDF:1484.7/28

Out: 21.531 $\pm$ 0.075 χ^2 /NDF:931.4/31

All: 21.739 $\pm$ 0.051 χ^2 /NDF: 2430.2/60

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.102 ± 0.004 χ^2/NDF : 205.3/12

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/11

Left: -0.108 ± 0.003 χ^2/NDF : 589.8/24

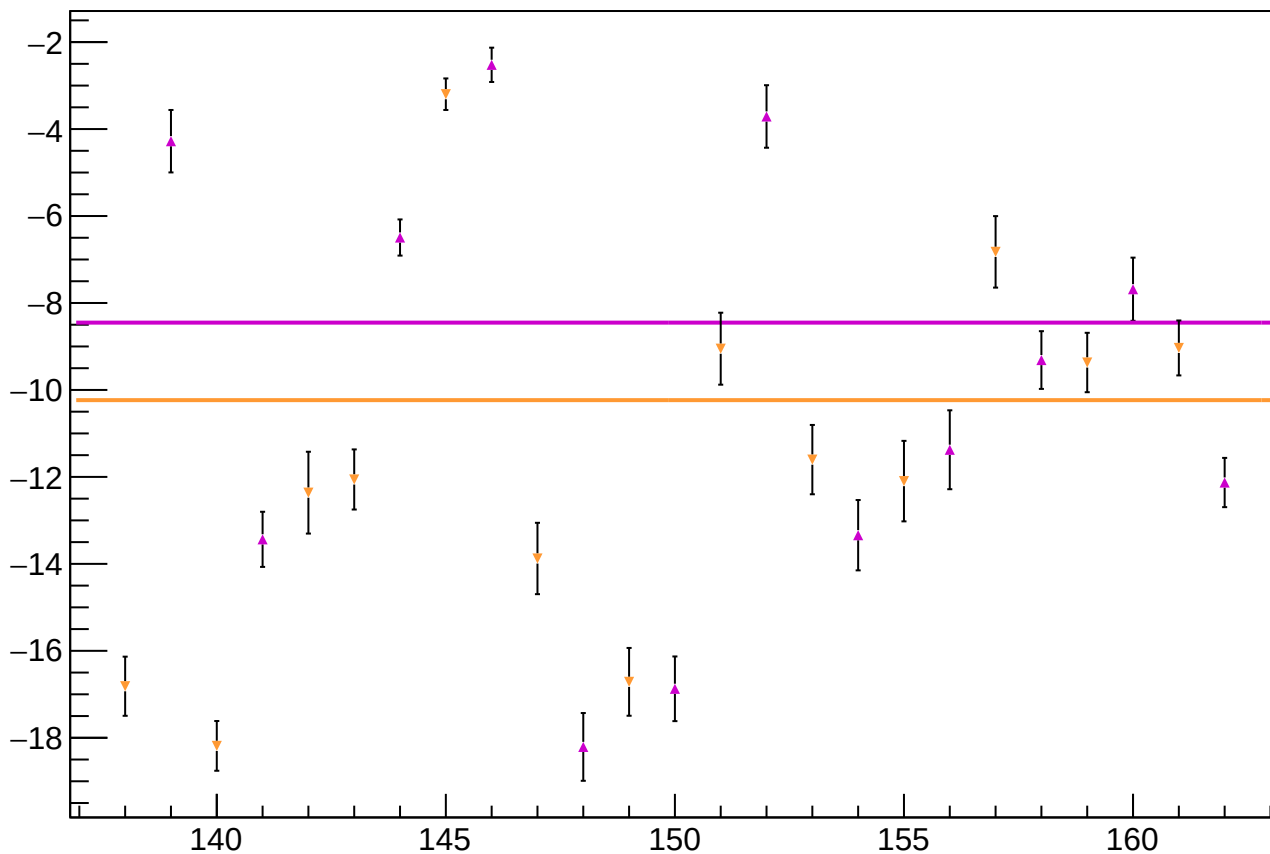
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.119 ± 0.003 χ^2/NDF : 866.4/28

Out: -0.115 ± 0.004 χ^2/NDF : 848.4/31

All: -0.117 ± 0.002 χ^2/NDF : 1715.3/60

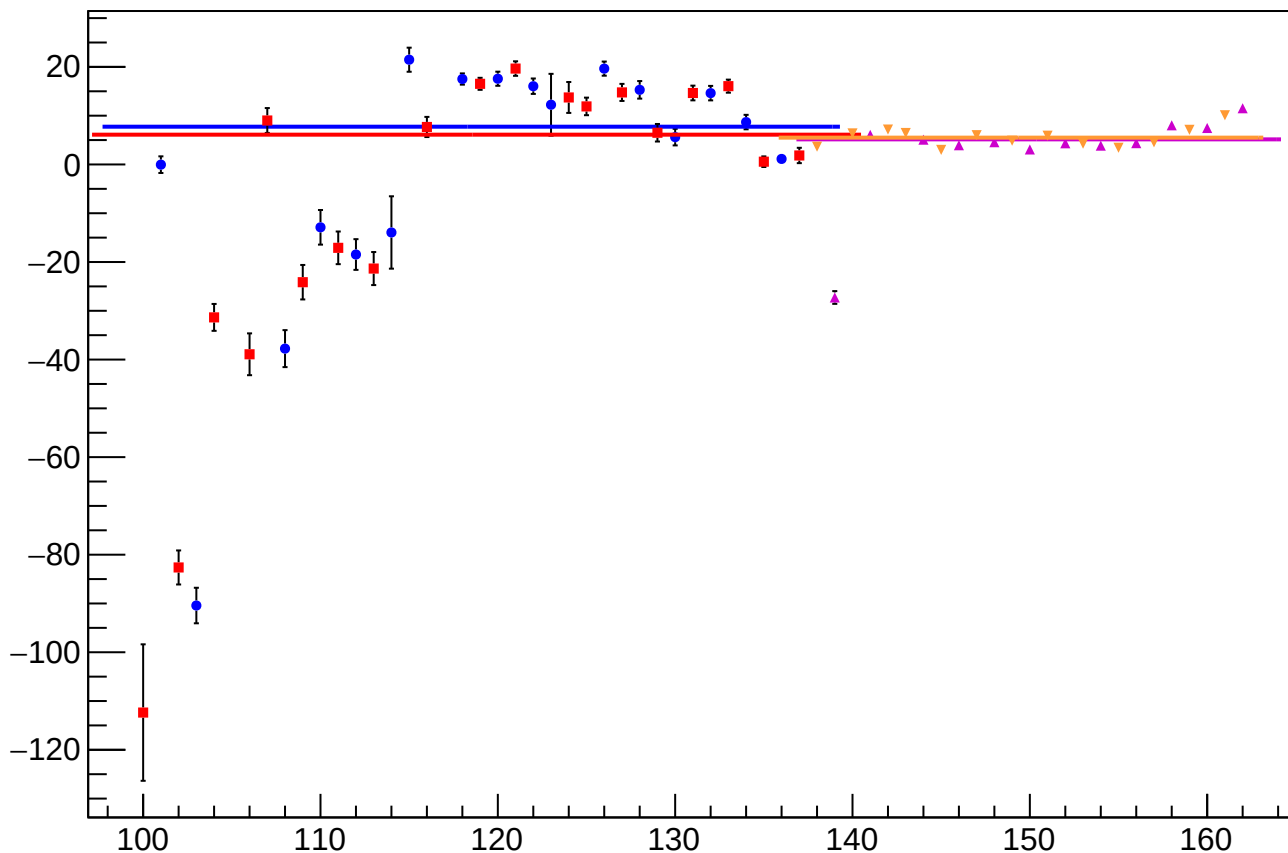
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -10.235 $\pm$ 0.184 χ^2 /NDF:795.5/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.452 $\pm$ 0.177 χ^2 /NDF:764.0/11

Left: -9.306 $\pm$ 0.127 χ^2 /NDF: 1608.3/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.452 $\pm$ 0.177 χ^2 /NDF:764.0/11
 Out: -10.235 $\pm$ 0.184 χ^2 /NDF:795.5/12
 All: -9.306 $\pm$ 0.127 χ^2 /NDF: 1608.3/24

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 5.497 ± 0.129 $\chi^2/\text{NDF}: 240.7/12$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 5.143 ± 0.122 $\chi^2/\text{NDF}: 934.3/11$

Left: 5.310 ± 0.089 $\chi^2/\text{NDF}: 1179.0/24$

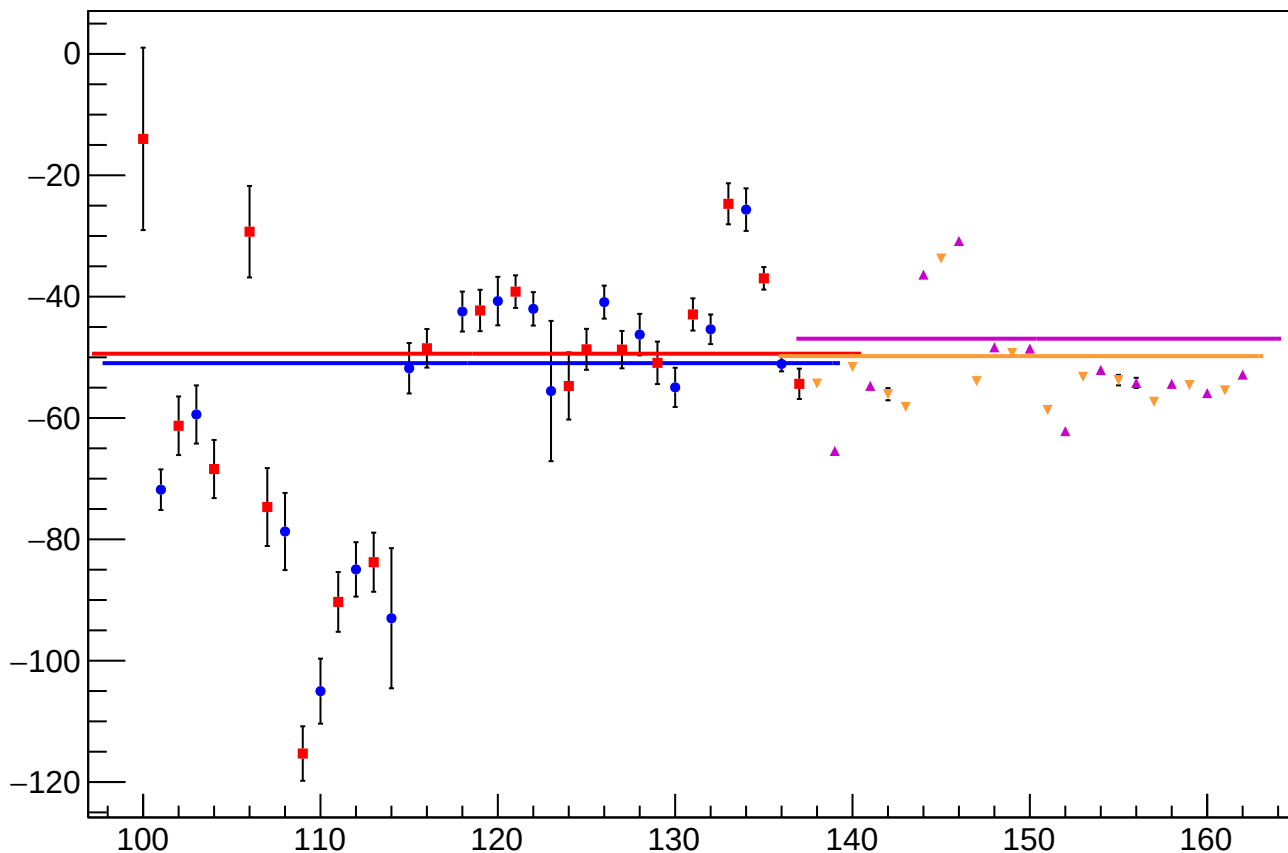
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 5.361 ± 0.117 $\chi^2/\text{NDF}: 2331.4/28$

Out: 5.547 ± 0.124 $\chi^2/\text{NDF}: 1760.2/31$

All: 5.449 ± 0.085 $\chi^2/\text{NDF}: 4092.7/60$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF}: 331.9/16$

Left Out: -49.802 ± 0.185 $\chi^2/\text{NDF}: 2377.9/12$

Right Out: -49.402 ± 0.797 $\chi^2/\text{NDF}: 512.0/18$

Left In: -46.929 ± 0.173 $\chi^2/\text{NDF}: 4123.1/11$

Left: -48.275 ± 0.126 $\chi^2/\text{NDF}: 6629.7/24$

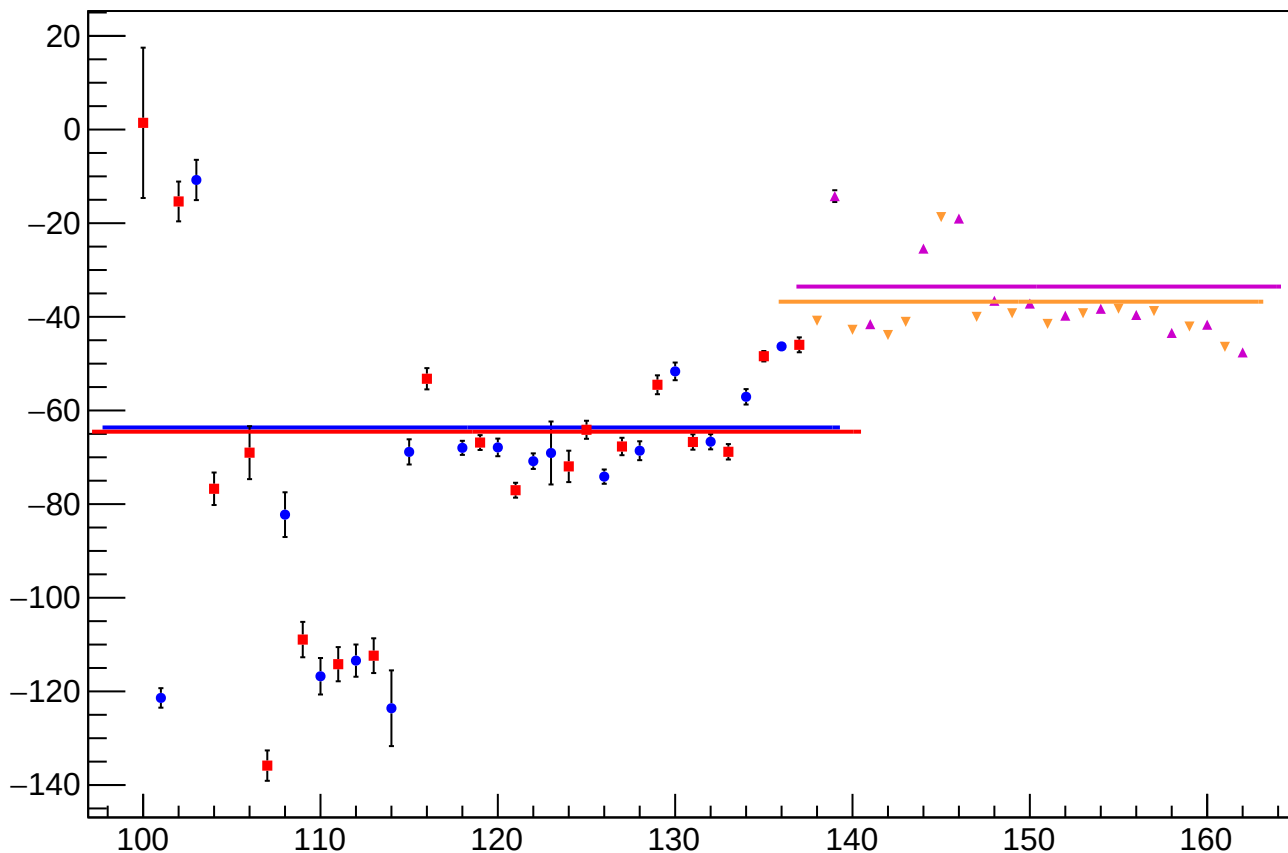
Right: -50.240 ± 0.542 $\chi^2/\text{NDF}: 845.9/35$

In: -47.140 ± 0.169 $\chi^2/\text{NDF}: 4483.2/28$

Out: -49.781 ± 0.180 $\chi^2/\text{NDF}: 2890.2/31$

All: -48.377 ± 0.123 $\chi^2/\text{NDF}: 7488.1/60$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -36.766 ± 0.153 χ^2/NDF : 3896.2/12

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -33.537 ± 0.144 χ^2/NDF : 4974.8/11

Left: -35.058 ± 0.105 χ^2/NDF : 9107.7/24

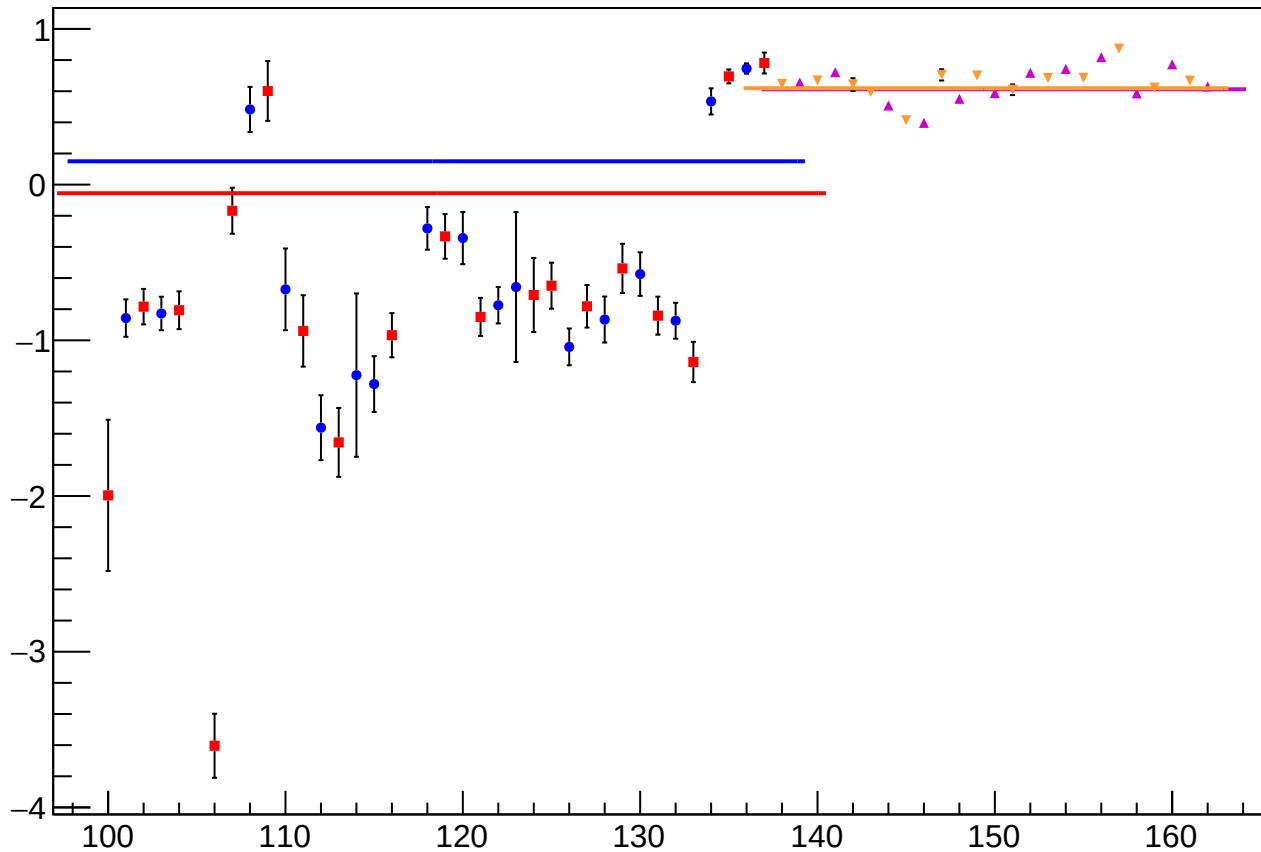
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -36.383 ± 0.137 χ^2/NDF : 11111.3/28

Out: -39.298 ± 0.146 χ^2/NDF : 8523.6/31

All: -37.753 ± 0.100 χ^2/NDF : 19847.4/60

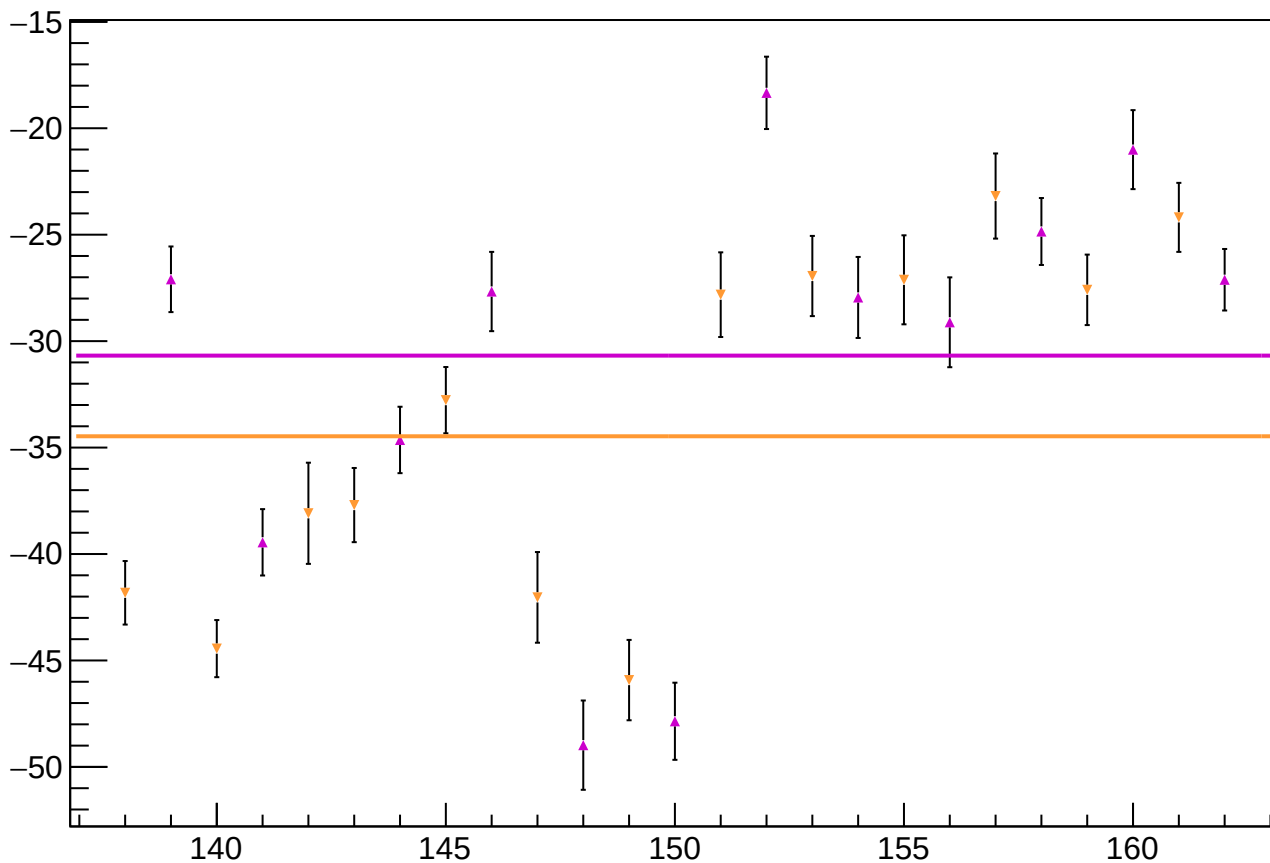
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.619 ± 0.007 χ^2/NDF : 316.1/12
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.612 ± 0.007 χ^2/NDF : 337.2/11

Left: 0.616 ± 0.005 χ^2/NDF : 653.7/24
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.576 ± 0.007 χ^2/NDF : 1669.1/28
 Out: 0.572 ± 0.007 χ^2/NDF : 2102.6/31
 All: 0.574 ± 0.005 χ^2/NDF : 3771.9/60

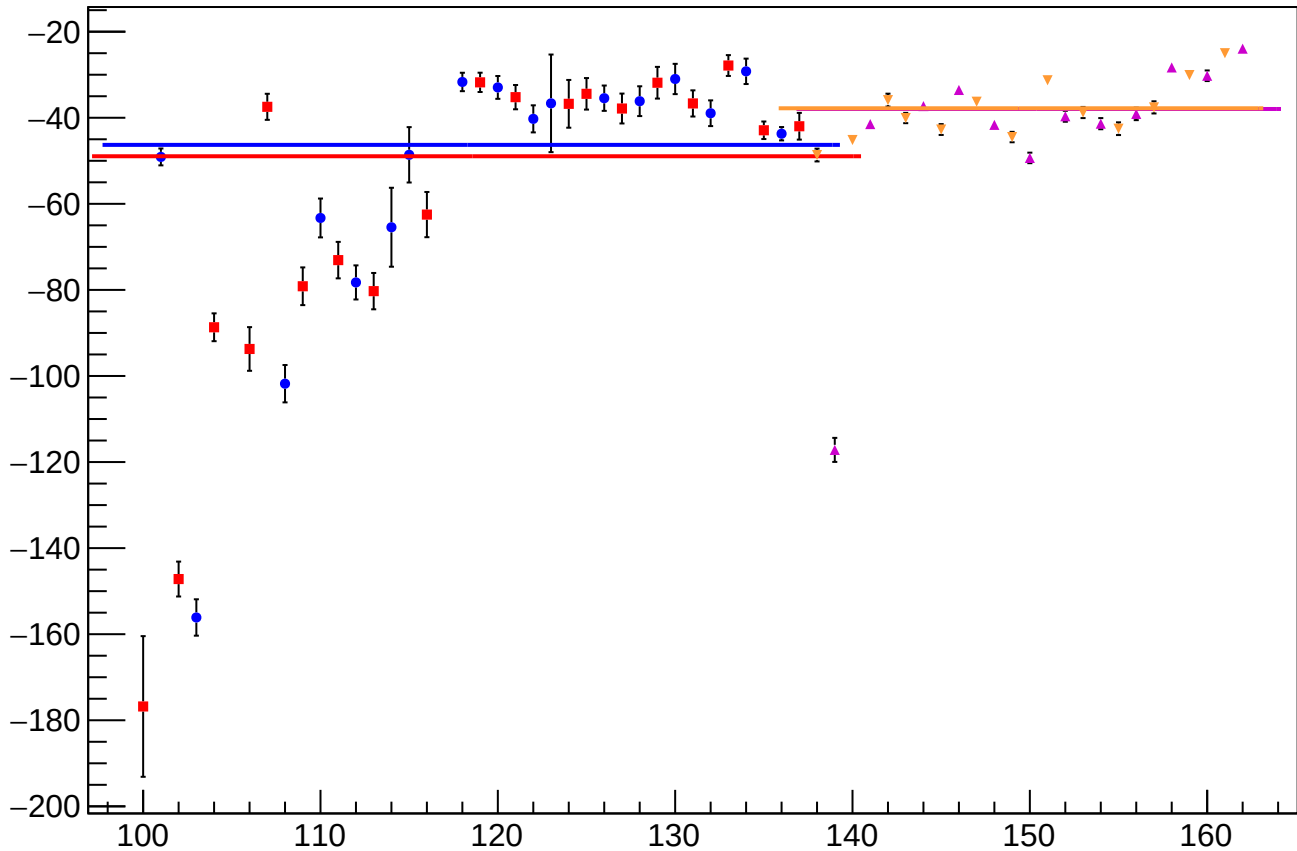
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -30.680 $\pm$ 0.495 χ^2 /NDF:314.5/11

Left: -32.597 $\pm$ 0.348 χ^2 /NDF: 609.0/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -30.680 $\pm$ 0.495 χ^2 /NDF:314.5/11
 Out: -34.469 $\pm$ 0.489 χ^2 /NDF:264.8/12
 All: -32.597 $\pm$ 0.348 χ^2 /NDF: 609.0/24

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -37.797 ± 0.342 $\chi^2/\text{NDF}: 366.3/12$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -37.961 ± 0.352 $\chi^2/\text{NDF}: 1204.2/11$

Left: -37.877 ± 0.245 $\chi^2/\text{NDF}: 1570.6/24$

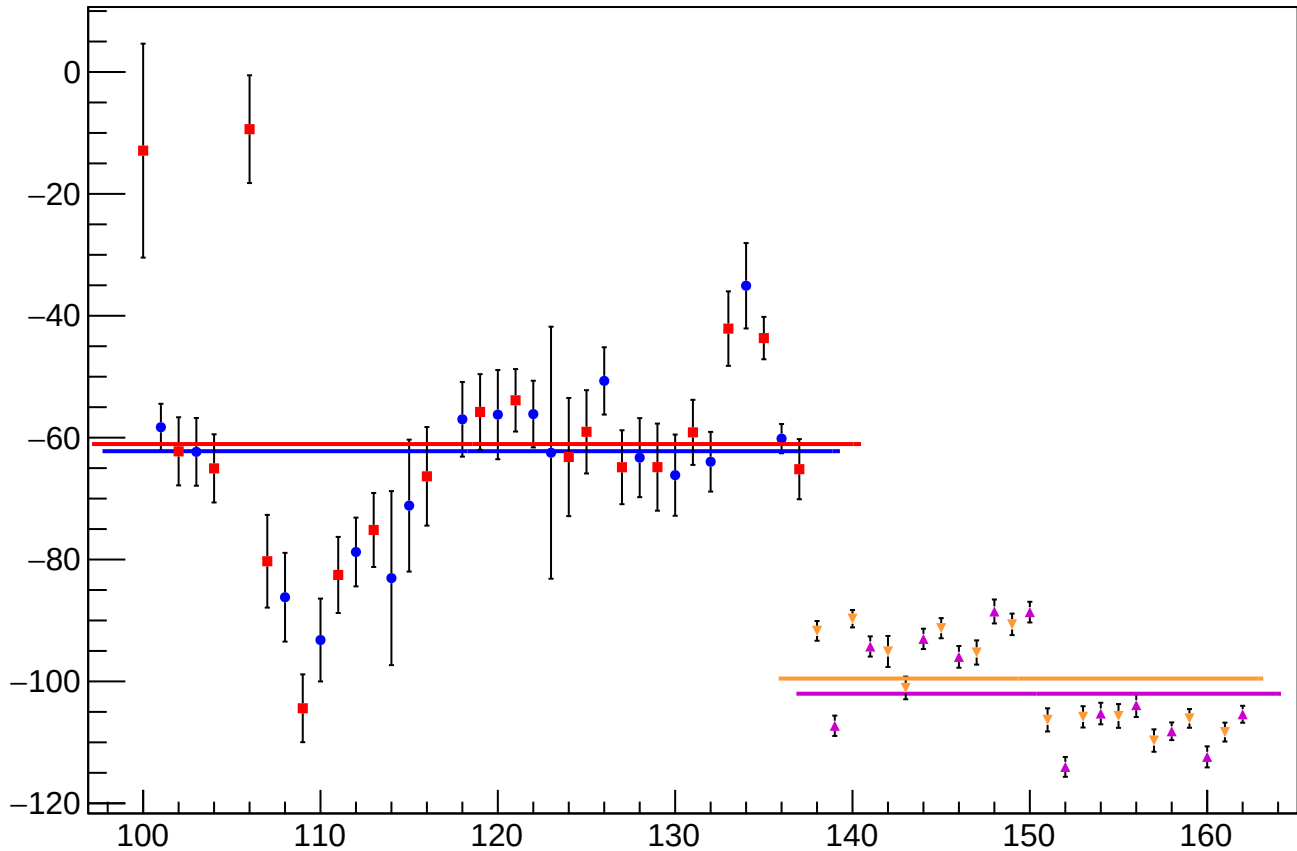
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -39.556 ± 0.316 $\chi^2/\text{NDF}: 2395.7/28$

Out: -39.667 ± 0.312 $\chi^2/\text{NDF}: 1817.8/31$

All: -39.612 ± 0.222 $\chi^2/\text{NDF}: 4213.5/60$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -99.528 ± 0.485 $\chi^2/\text{NDF}: 245.8/12$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -102.018 ± 0.483 $\chi^2/\text{NDF}: 300.7/11$

Left: -100.778 ± 0.342 $\chi^2/\text{NDF}: 559.7/24$

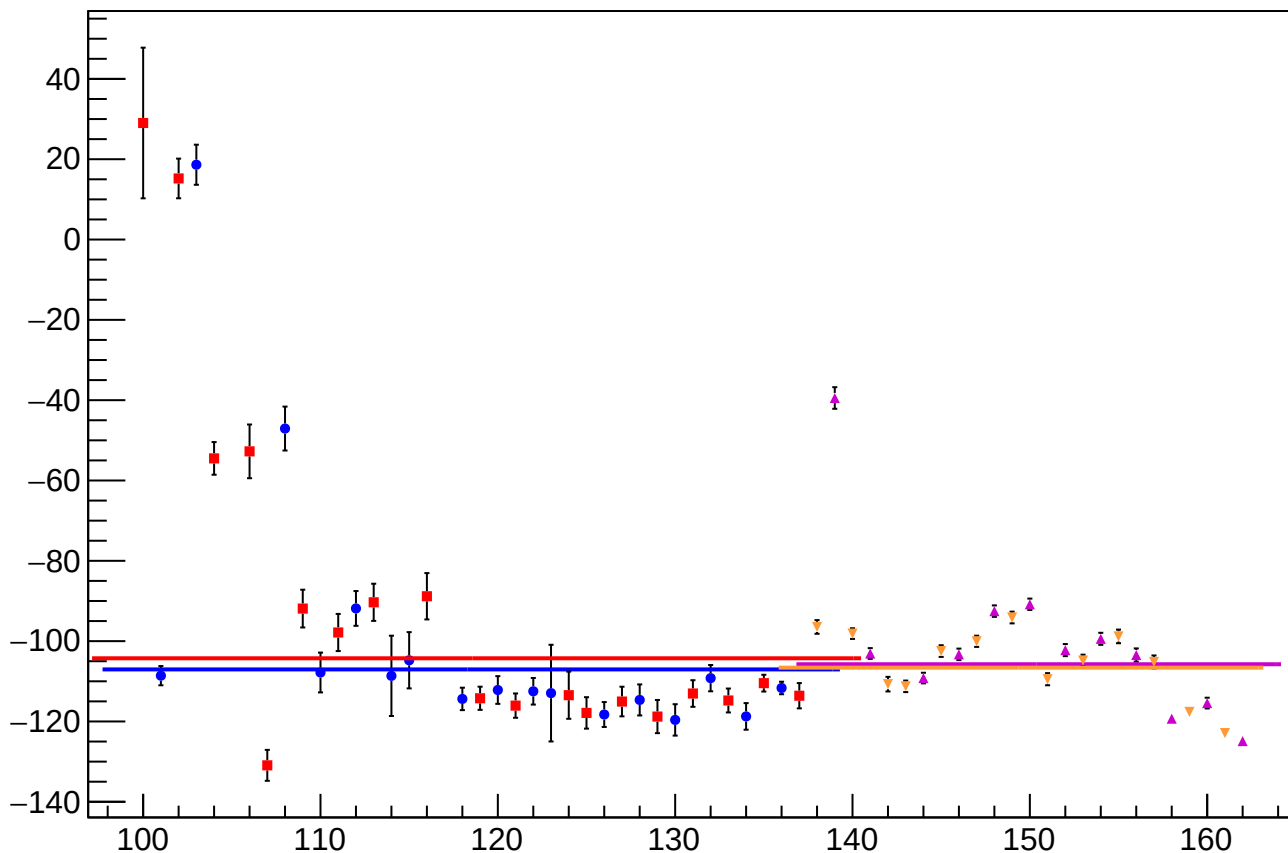
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -97.269 ± 0.453 $\chi^2/\text{NDF}: 1178.7/28$

Out: -95.296 ± 0.457 $\chi^2/\text{NDF}: 1105.1/31$

All: -96.291 ± 0.322 $\chi^2/\text{NDF}: 2293.2/60$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -106.602 ± 0.403 $\chi^2/\text{NDF}: 486.7/12$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -105.753 ± 0.408 $\chi^2/\text{NDF}: 1288.7/11$

Left: -106.183 ± 0.287 $\chi^2/\text{NDF}: 1777.6/24$

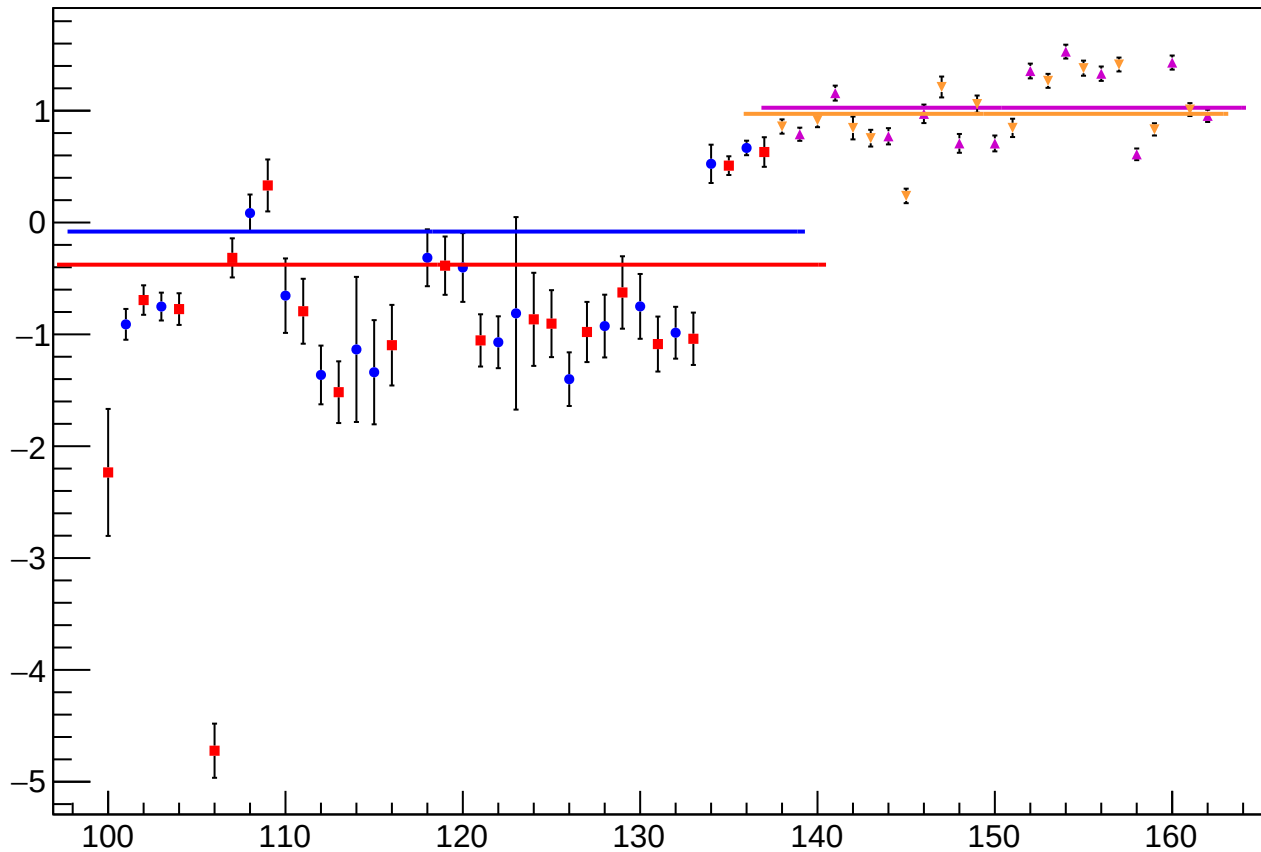
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -106.012 ± 0.364 $\chi^2/\text{NDF}: 2118.5/28$

Out: -106.182 ± 0.365 $\chi^2/\text{NDF}: 1510.8/31$

All: -106.097 ± 0.258 $\chi^2/\text{NDF}: 3629.4/60$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.972 ± 0.019 χ^2/NDF : 268.4/12

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.026 ± 0.019 χ^2/NDF : 286.3/11

Left: 0.999 ± 0.013 χ^2/NDF : 558.9/24

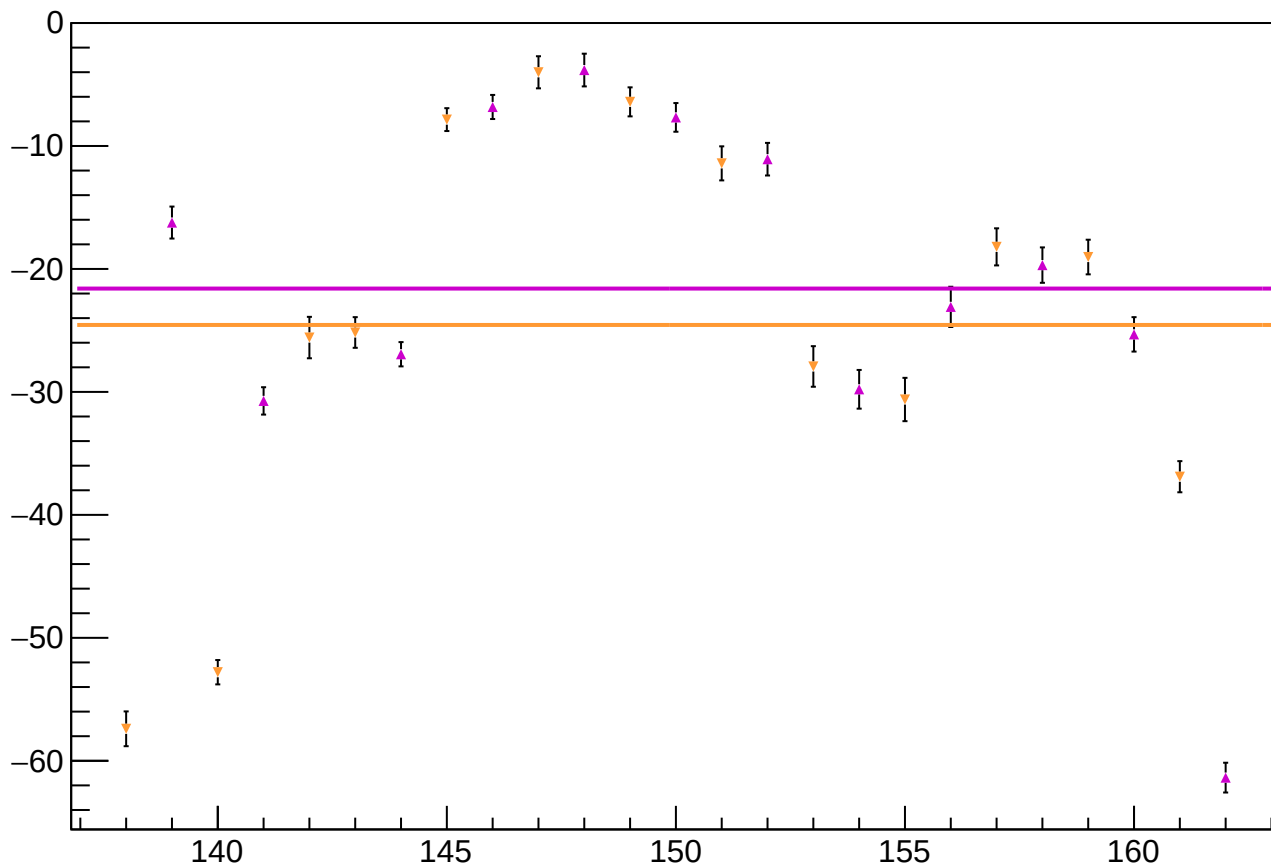
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.845 ± 0.017 χ^2/NDF : 1190.9/28

Out: 0.762 ± 0.017 χ^2/NDF : 1649.8/31

All: 0.804 ± 0.012 χ^2/NDF : 2852.4/60

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected

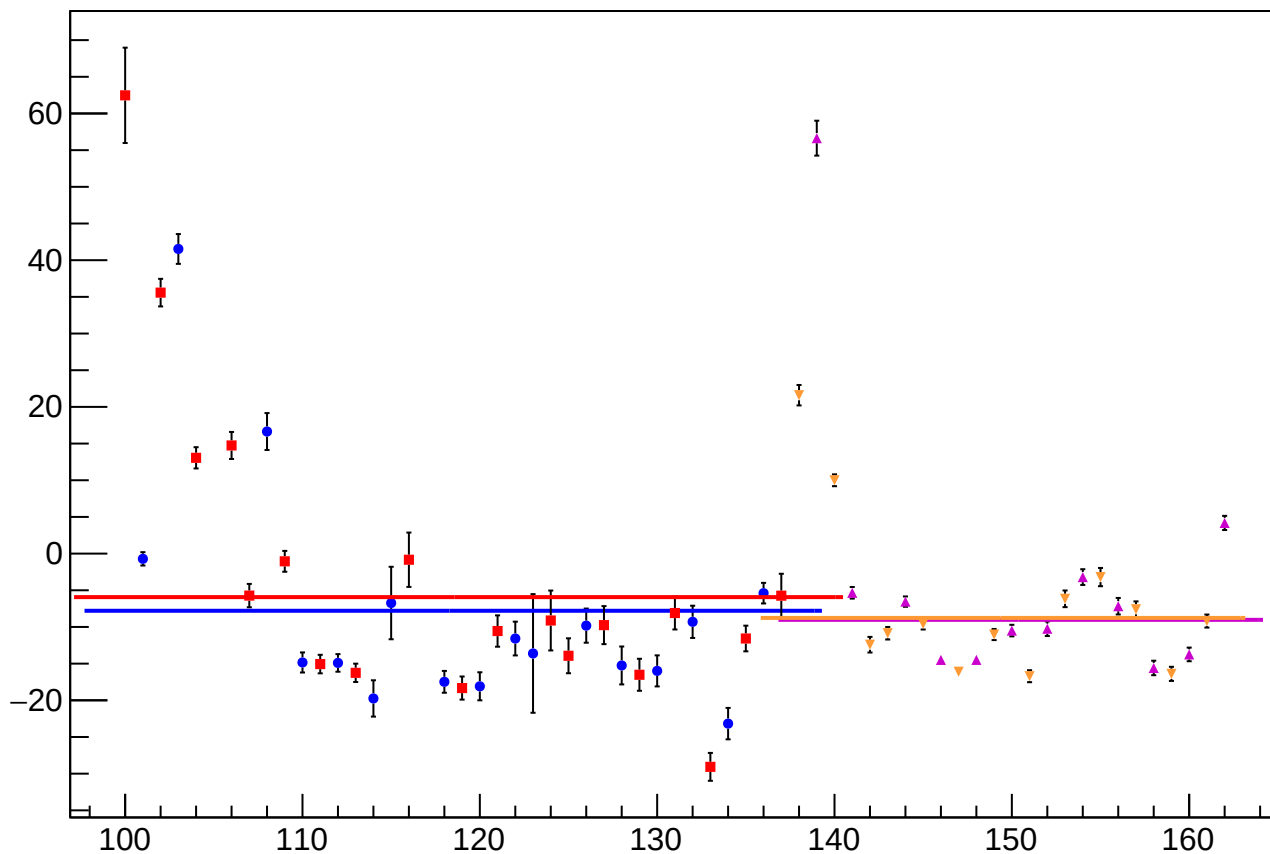


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.555+/-0.359 χ^2/NDF :2394.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.596+/-0.358 χ^2/NDF :1840.1/11

Left: -23.073+/-0.254 χ^2/NDF : 4268.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.596+/-0.358 χ^2/NDF :1840.1/11
 Out: -24.555+/-0.359 χ^2/NDF :2394.3/12

All: -23.073+/-0.254 χ^2/NDF : 4268.4/24

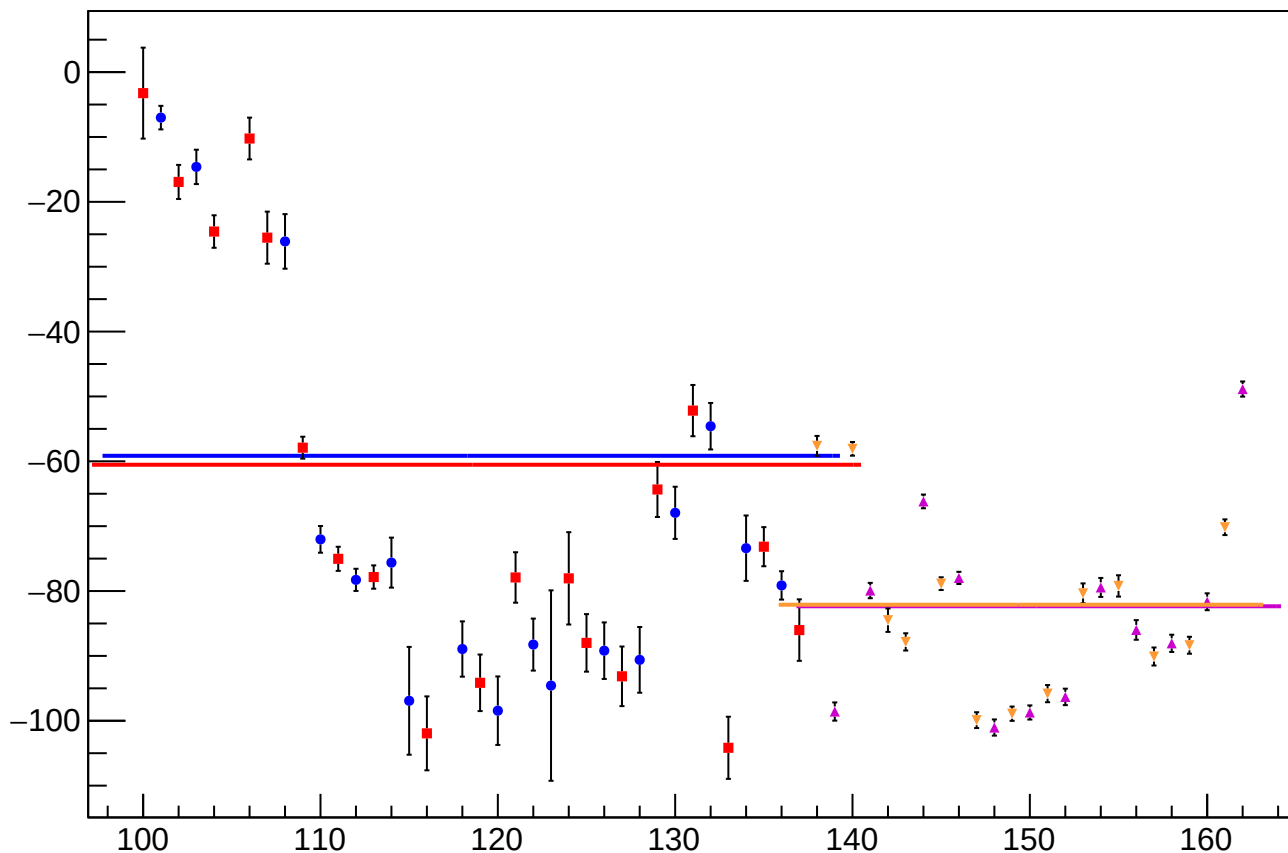
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.768 ± 0.246 χ^2/NDF : 1363.8/12
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -9.029 ± 0.248 χ^2/NDF : 1238.0/11

Left: -8.898 ± 0.175 χ^2/NDF : 2602.4/24
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -8.720 ± 0.214 χ^2/NDF : 2227.0/28
 Out: -8.064 ± 0.214 χ^2/NDF : 2690.9/31
 All: -8.391 ± 0.151 χ^2/NDF : 4922.6/60

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -82.110 $\pm$ 0.356 χ^2 /NDF:1515.7/12

Right Out: -60.530 $\pm$ 0.704 χ^2 /NDF: 1385.2/18

Left In: -82.349 $\pm$ 0.350 χ^2 /NDF:1817.1/11

Left: -82.232 $\pm$ 0.250 χ^2 /NDF: 3333.1/24

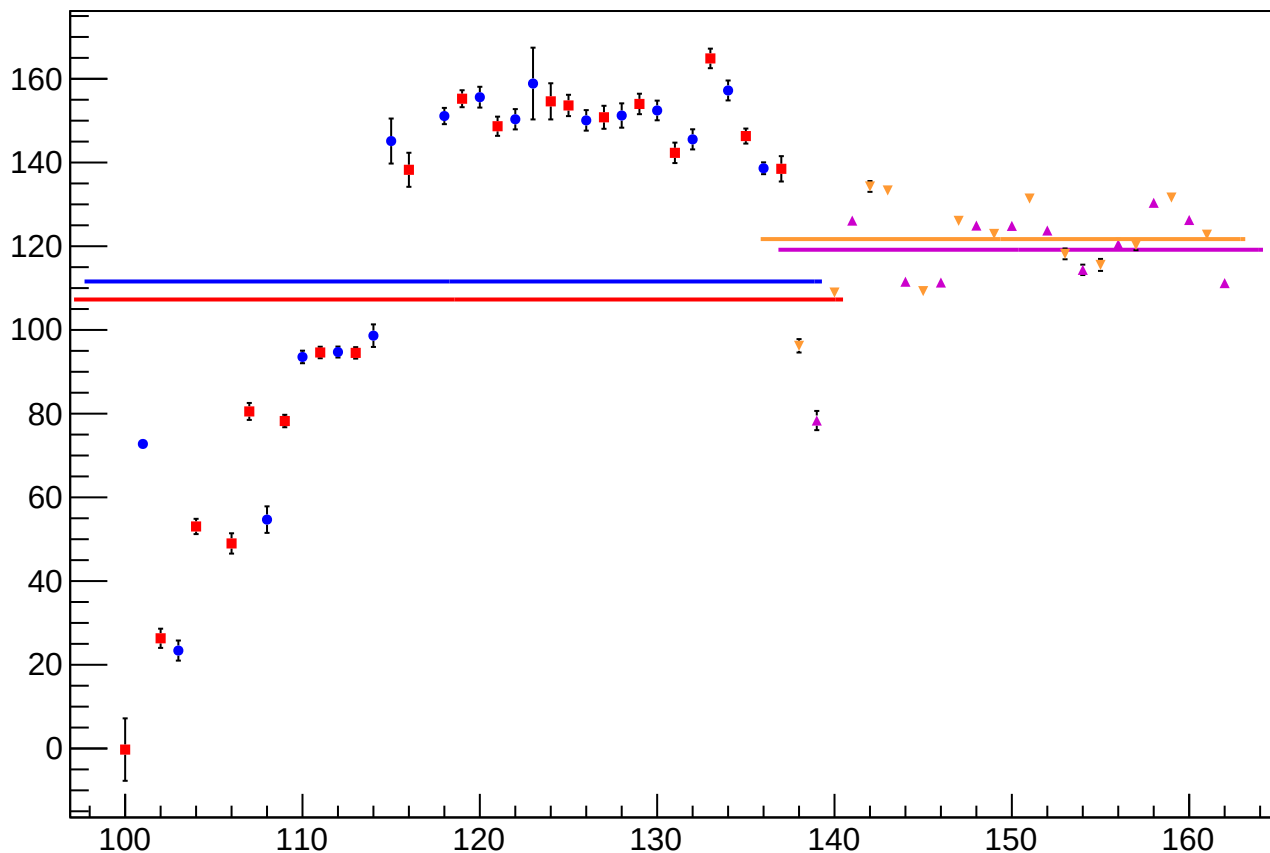
Right: -59.879 $\pm$ 0.512 χ^2 /NDF: 3105.4/35

In: -78.148 $\pm$ 0.317 χ^2 /NDF:4329.0/28

Out: -77.713 $\pm$ 0.318 χ^2 /NDF:3648.9/31

All: -77.931 $\pm$ 0.224 χ^2 /NDF: 7978.8/60

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 121.707 $\pm$ 0.294 χ^2 /NDF:1085.4/12

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.161 $\pm$ 0.292 χ^2 /NDF:896.0/11

Left: 120.428 $\pm$ 0.207 χ^2 /NDF: 2019.1/24

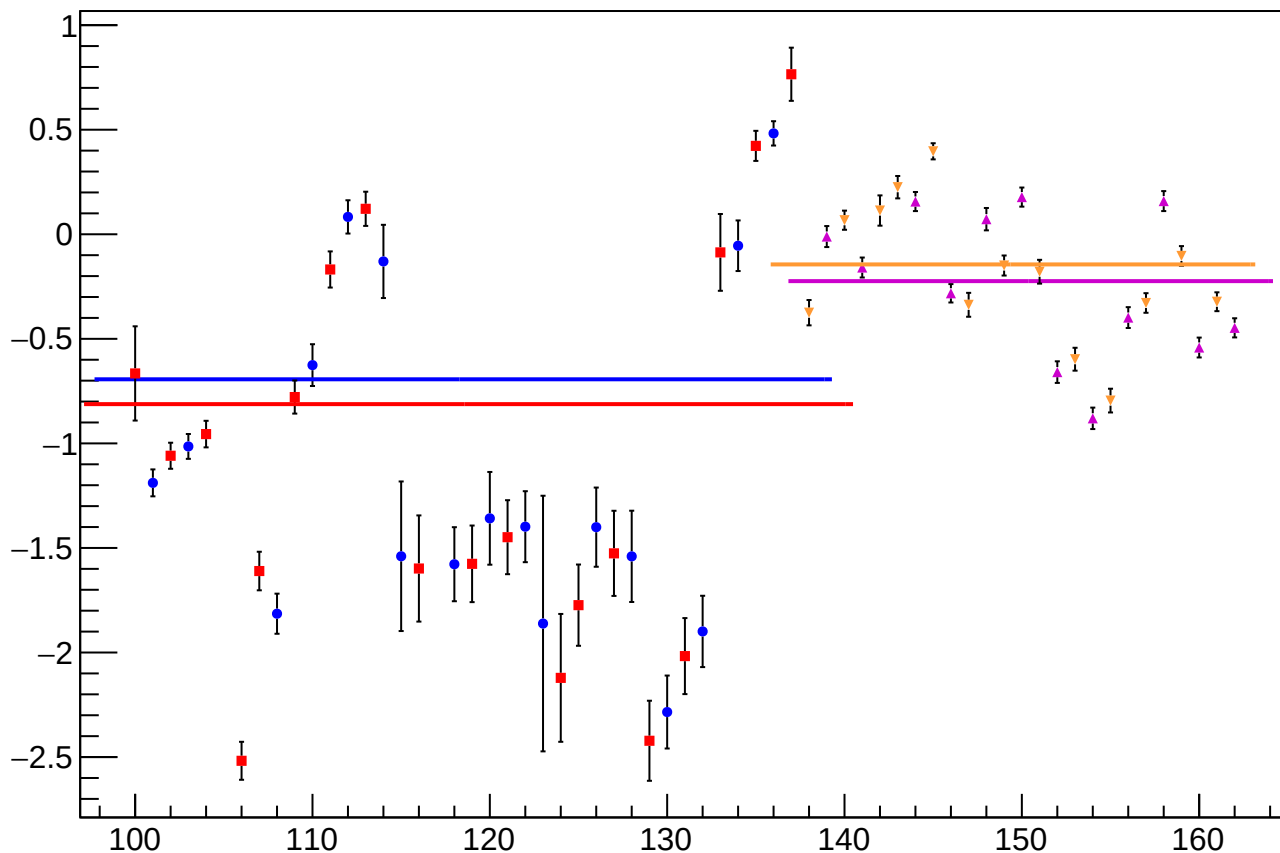
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 117.156 $\pm$ 0.251 χ^2 /NDF:7019.8/28

Out: 117.863 $\pm$ 0.252 χ^2 /NDF:8773.3/31

All: 117.508 $\pm$ 0.178 χ^2 /NDF: 15797.1/60

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.144 ± 0.014 χ^2/NDF : 536.1/12

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.224 ± 0.014 χ^2/NDF : 578.6/11

Left: -0.185 ± 0.010 χ^2/NDF : 1131.1/24

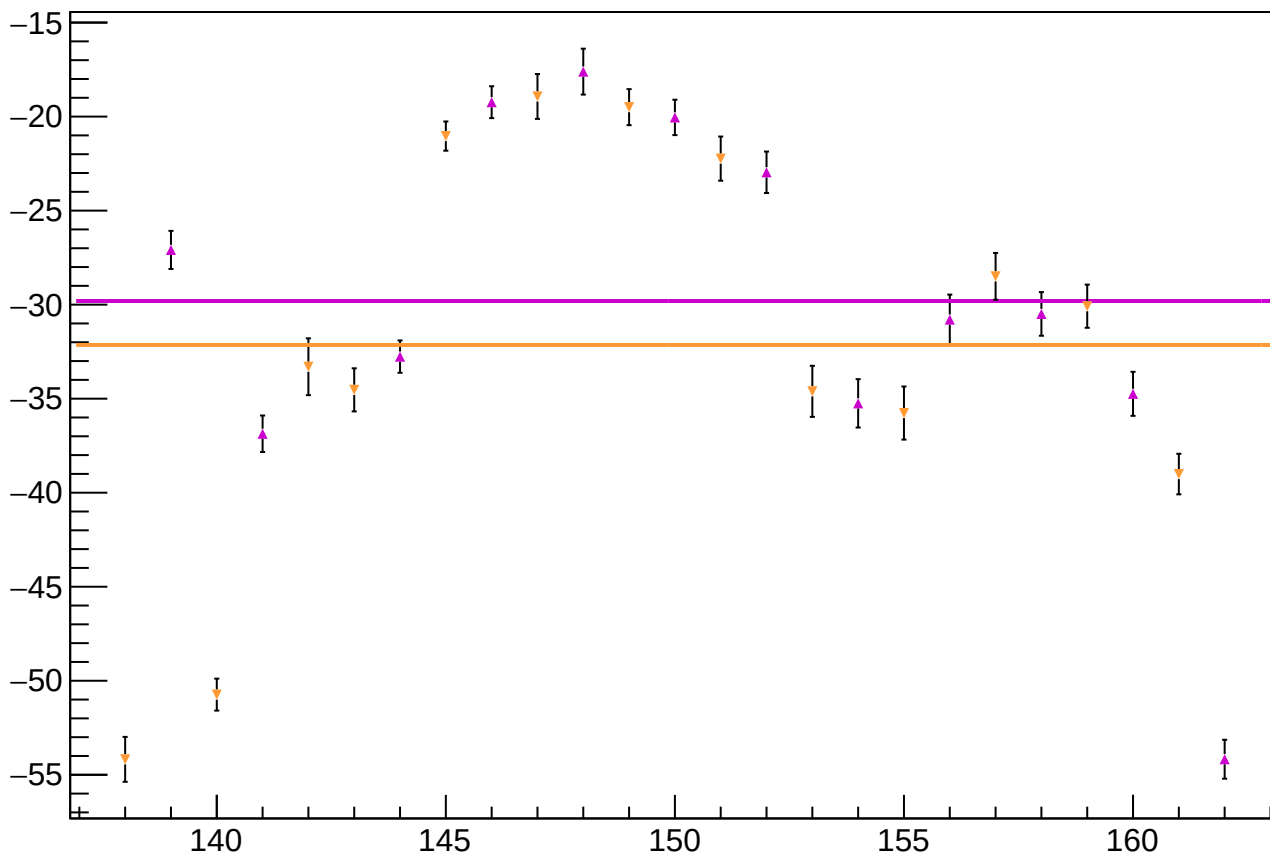
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.330 ± 0.012 χ^2/NDF : 1825.8/28

Out: -0.311 ± 0.012 χ^2/NDF : 2410.2/31

All: -0.320 ± 0.009 χ^2/NDF : 4237.1/60

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

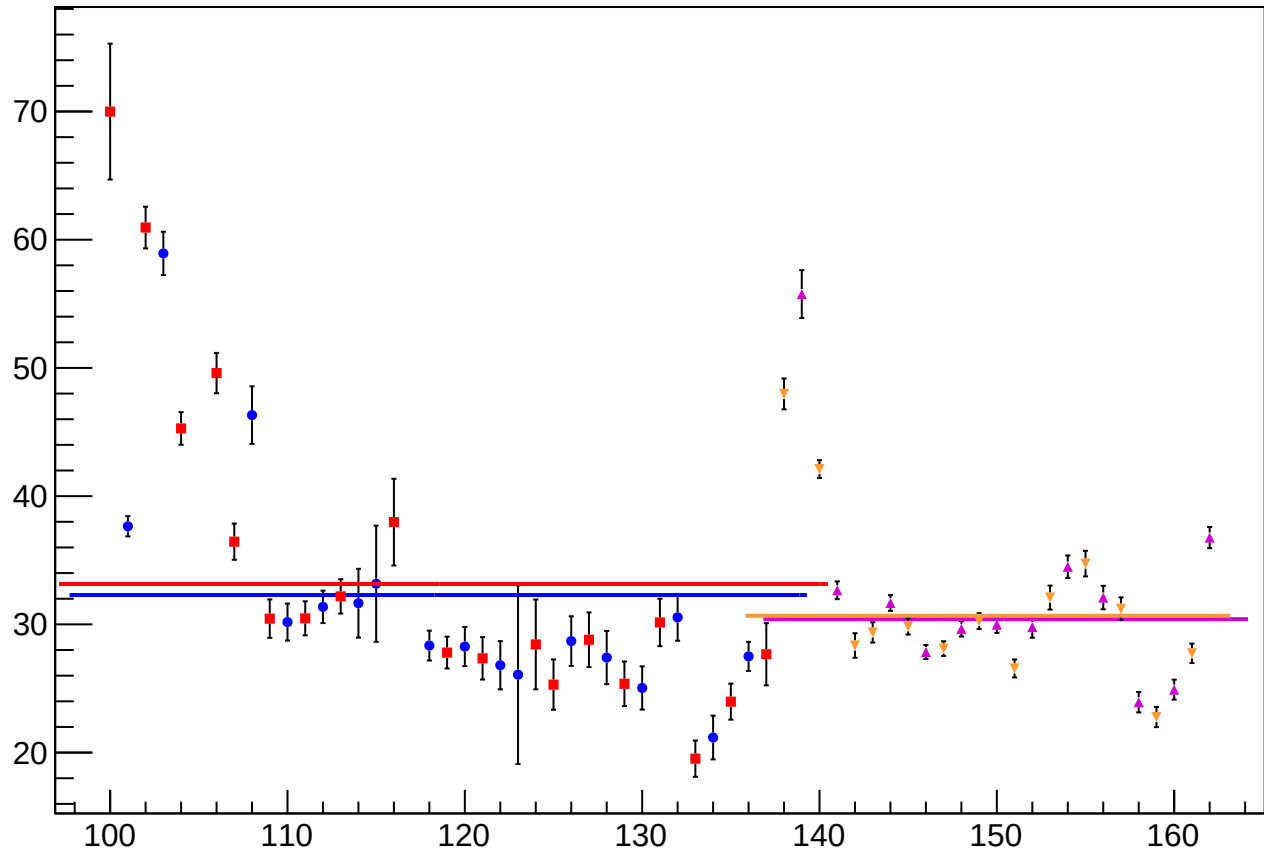


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.144+/-0.305 χ^2/NDF :1459.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.806+/-0.302 χ^2/NDF :1064.9/11

Left: -30.964+/-0.214 χ^2/NDF : 2553.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -29.806+/-0.302 χ^2/NDF :1064.9/11
 Out: -32.144+/-0.305 χ^2/NDF :1459.3/12

All: -30.964+/-0.214 χ^2/NDF : 2553.9/24

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 30.673+/-0.211 χ^2/NDF : 675.8/12

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 30.408+/-0.212 χ^2/NDF : 424.1/11

Left: 30.541+/-0.150 χ^2/NDF : 1100.7/24

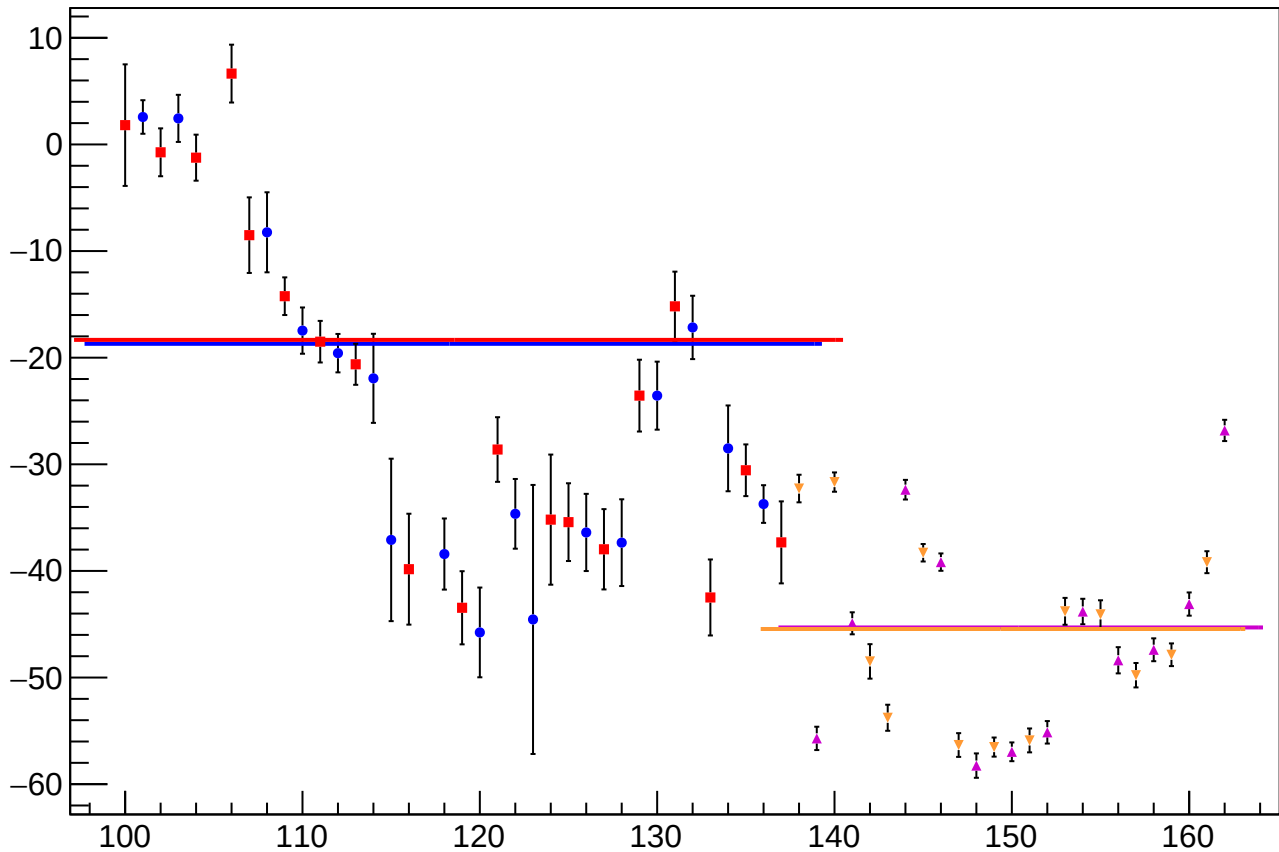
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 30.868+/-0.184 χ^2/NDF : 895.9/28

Out: 31.262+/-0.185 χ^2/NDF : 1481.0/31

All: 31.065+/-0.131 χ^2/NDF : 2379.2/60

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -45.447 ± 0.301 χ^2/NDF : 855.9/12

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -45.303 ± 0.295 χ^2/NDF : 1094.5/11

Left: -45.373 ± 0.211 χ^2/NDF : 1950.5/24

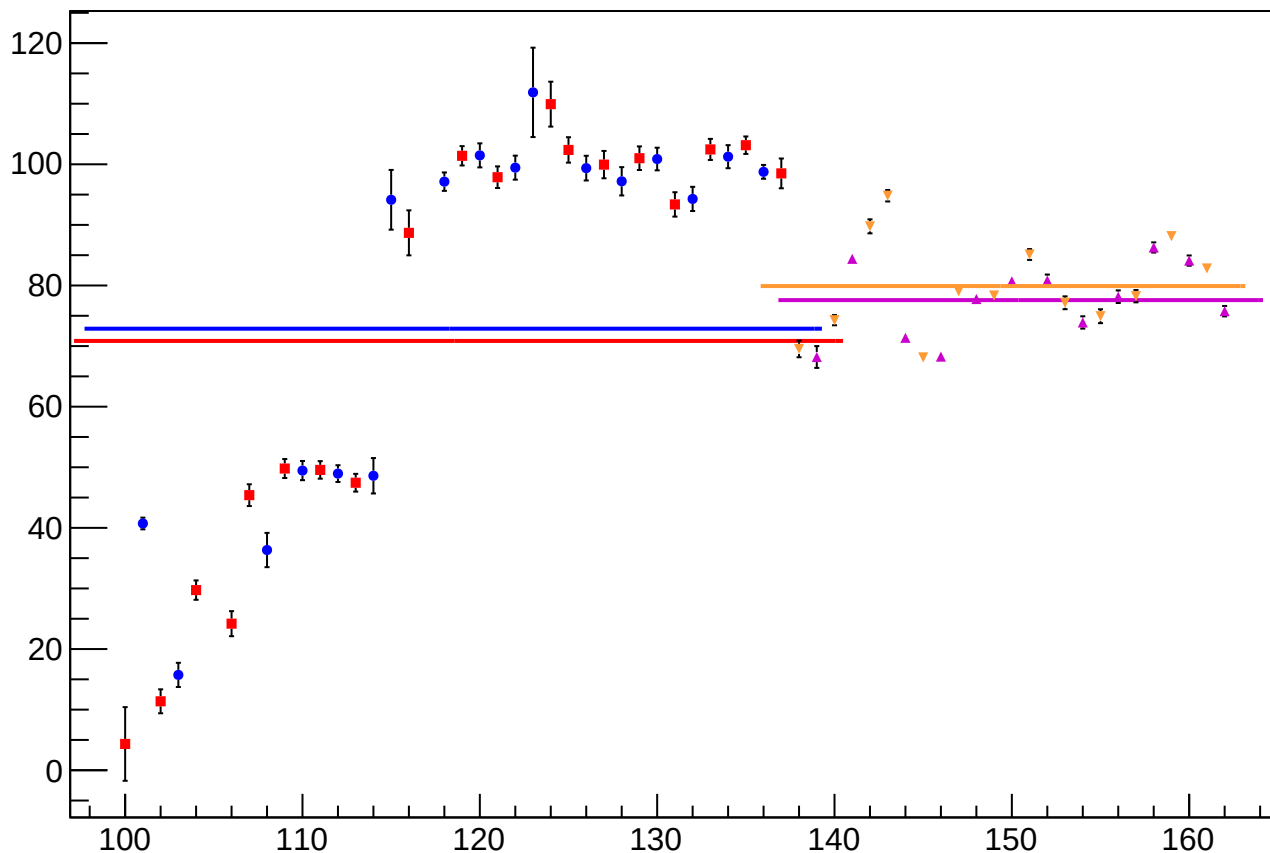
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -40.947 ± 0.270 χ^2/NDF : 2945.9/28

Out: -40.565 ± 0.273 χ^2/NDF : 2786.2/31

All: -40.758 ± 0.192 χ^2/NDF : 5733.1/60

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 79.905 $\pm$ 0.250 χ^2 /NDF:855.8/12

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 77.588 $\pm$ 0.248 χ^2 /NDF:570.4/11

Left: 78.737 $\pm$ 0.176 χ^2 /NDF: 1469.3/24

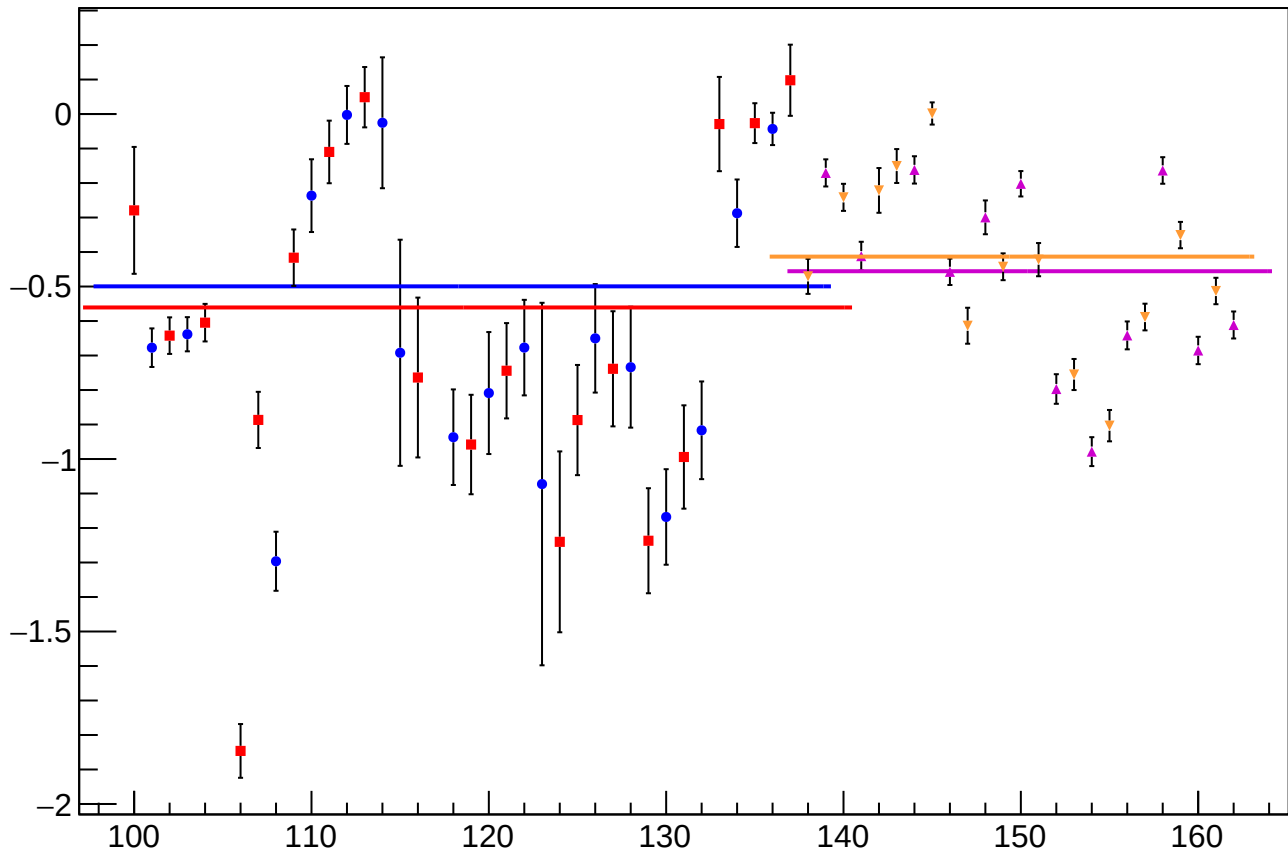
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 76.392 $\pm$ 0.215 χ^2 /NDF:5388.8/28

Out: 77.634 $\pm$ 0.217 χ^2 /NDF:6678.8/31

All: 77.007 $\pm$ 0.153 χ^2 /NDF: 12084.2/60

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.413 ± 0.012 χ^2/NDF : 443.1/12

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.456 ± 0.012 χ^2/NDF : 513.3/11

Left: -0.435 ± 0.008 χ^2/NDF : 962.9/24

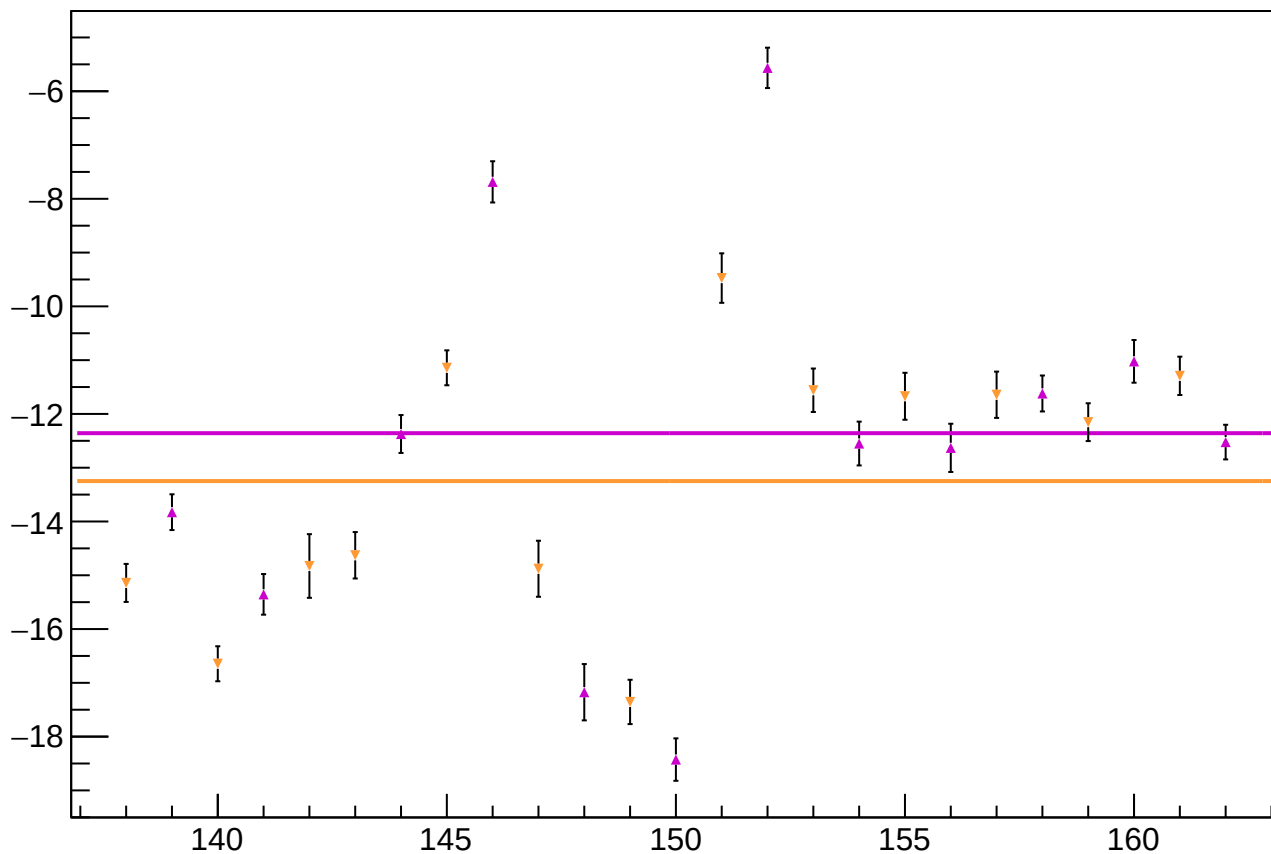
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.465 ± 0.010 χ^2/NDF : 819.0/28

Out: -0.448 ± 0.010 χ^2/NDF : 1041.2/31

All: -0.456 ± 0.007 χ^2/NDF : 1861.5/60

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



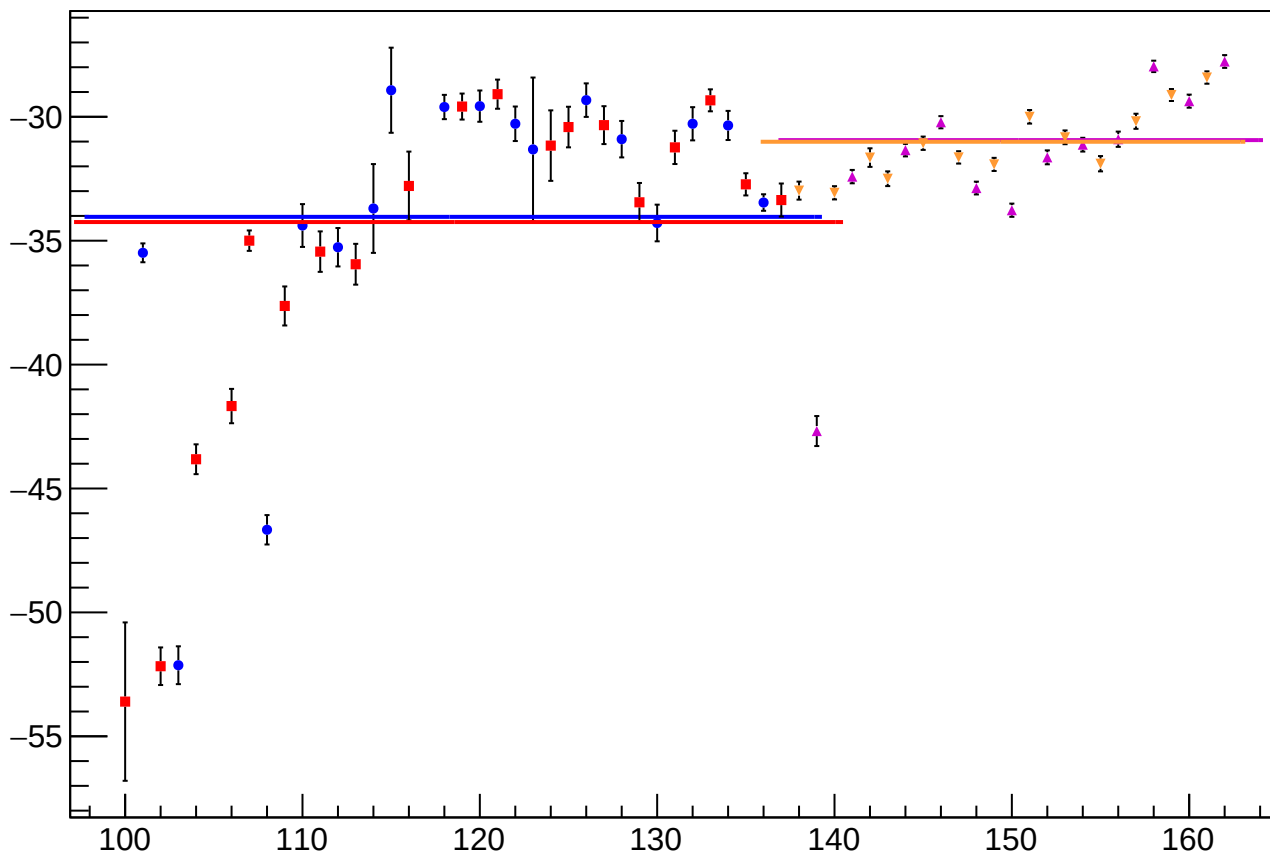
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.248 $\pm$ 0.110 χ^2 /NDF:457.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -12.358 $\pm$ 0.109 χ^2 /NDF:896.6/11

Left: -12.798 $\pm$ 0.078 χ^2 /NDF: 1387.4/24
 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: -13.248 $\pm$ 0.110 χ^2 /NDF:457.9/12

All: -12.798 $\pm$ 0.078 χ^2 /NDF: 1387.4/24

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.007 ± 0.078 χ^2/NDF : 332.7/12

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.941 ± 0.079 χ^2/NDF : 944.9/11

Left: -30.974 ± 0.055 χ^2/NDF : 1277.9/24

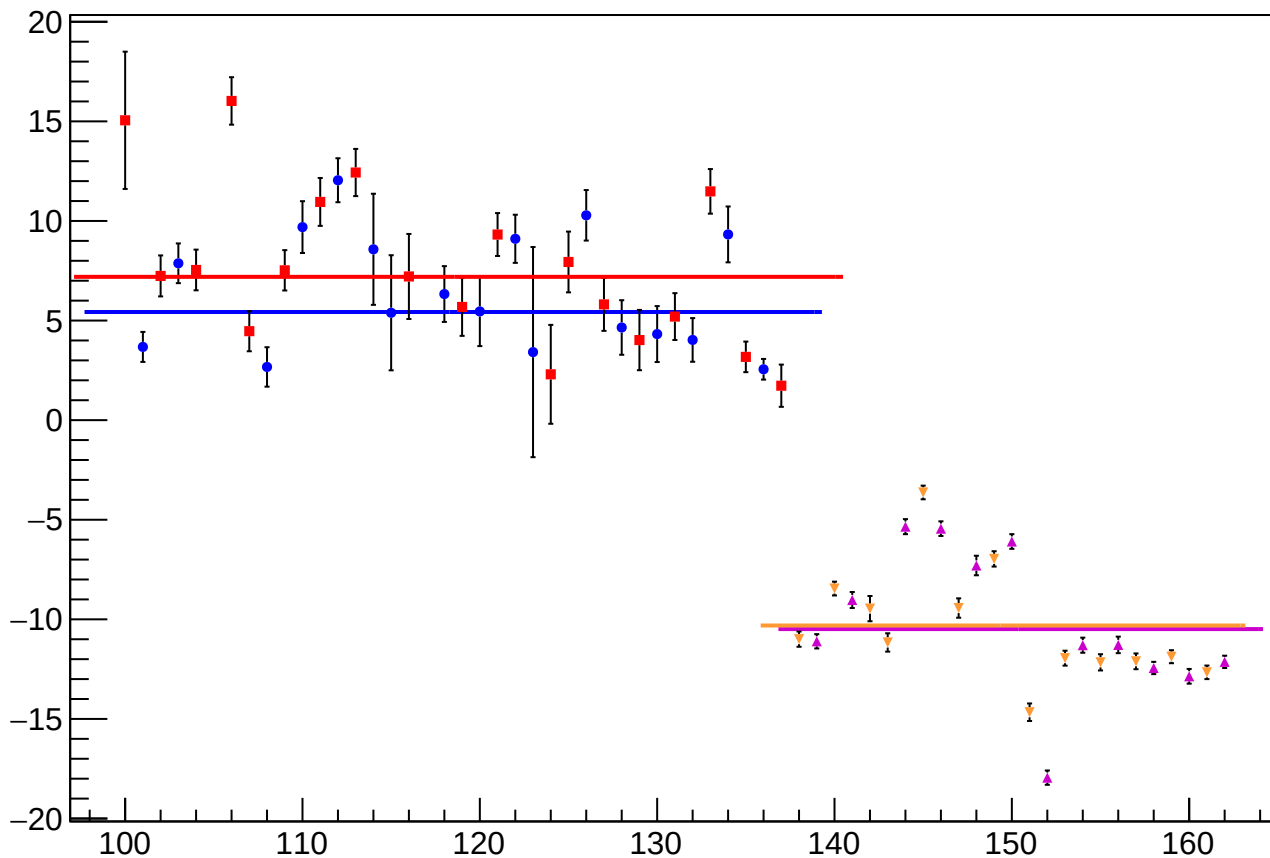
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.603 ± 0.070 χ^2/NDF : 2619.1/28

Out: -31.692 ± 0.069 χ^2/NDF : 2055.2/31

All: -31.648 ± 0.049 χ^2/NDF : 4675.1/60

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 $\pm$ 0.270 χ^2 /NDF: 132.6/16

Left Out: -10.309 $\pm$ 0.109 χ^2 /NDF:723.7/12

Right Out: 7.195 $\pm$ 0.274 χ^2 /NDF: 183.1/18

Left In: -10.489 $\pm$ 0.106 χ^2 /NDF:1122.7/11

Left: -10.401 $\pm$ 0.076 χ^2 /NDF: 1847.8/24

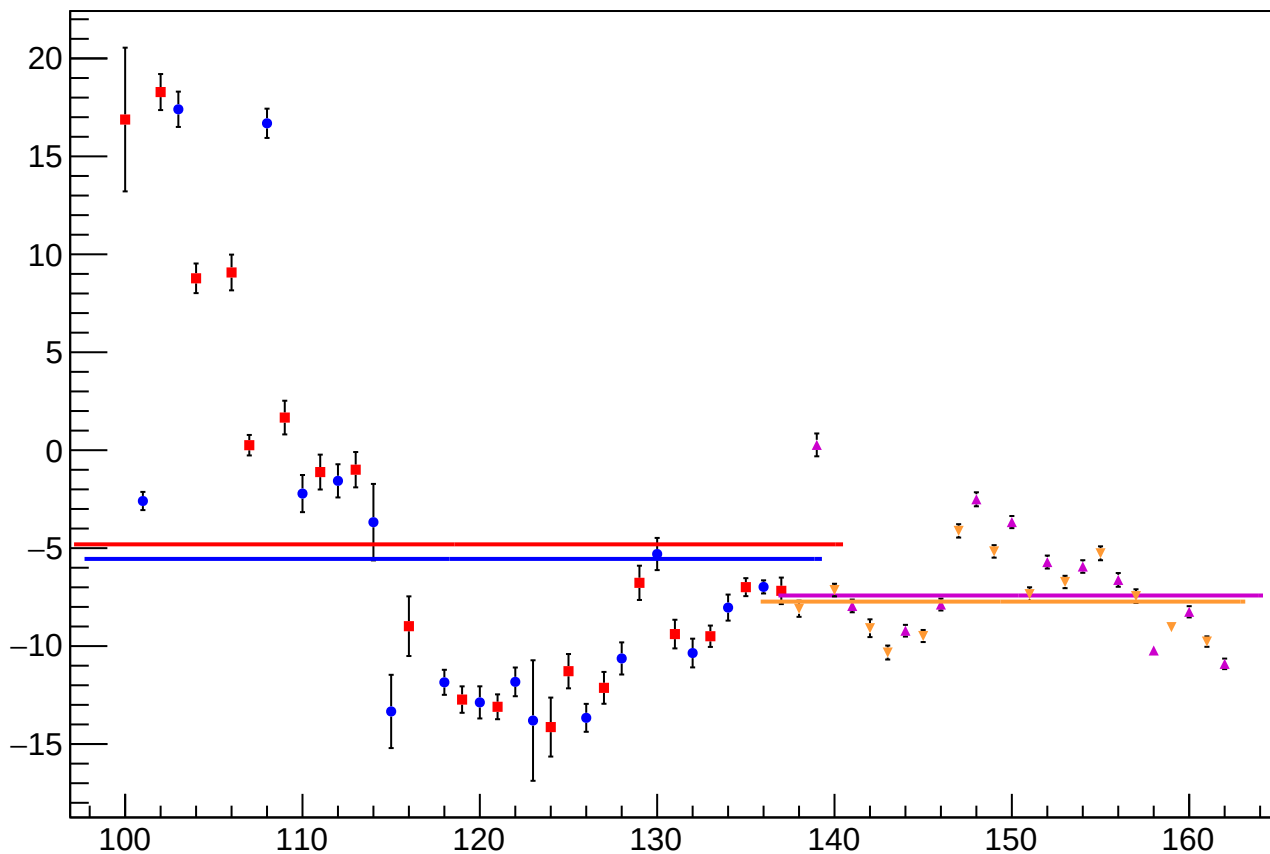
Right: 6.298 $\pm$ 0.192 χ^2 /NDF: 336.8/35

In: -8.354 $\pm$ 0.099 χ^2 /NDF:4267.4/28

Out: -7.927 $\pm$ 0.101 χ^2 /NDF:4430.5/31

All: -8.145 $\pm$ 0.071 χ^2 /NDF: 8707.0/60

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -7.729 ± 0.091 $\chi^2/\text{NDF}: 419.1/12$

Right Out: -4.806 ± 0.173 $\chi^2/\text{NDF}: 2048.2/18$

Left In: -7.417 ± 0.090 $\chi^2/\text{NDF}: 913.5/11$

Left: -7.572 ± 0.064 $\chi^2/\text{NDF}: 1338.5/24$

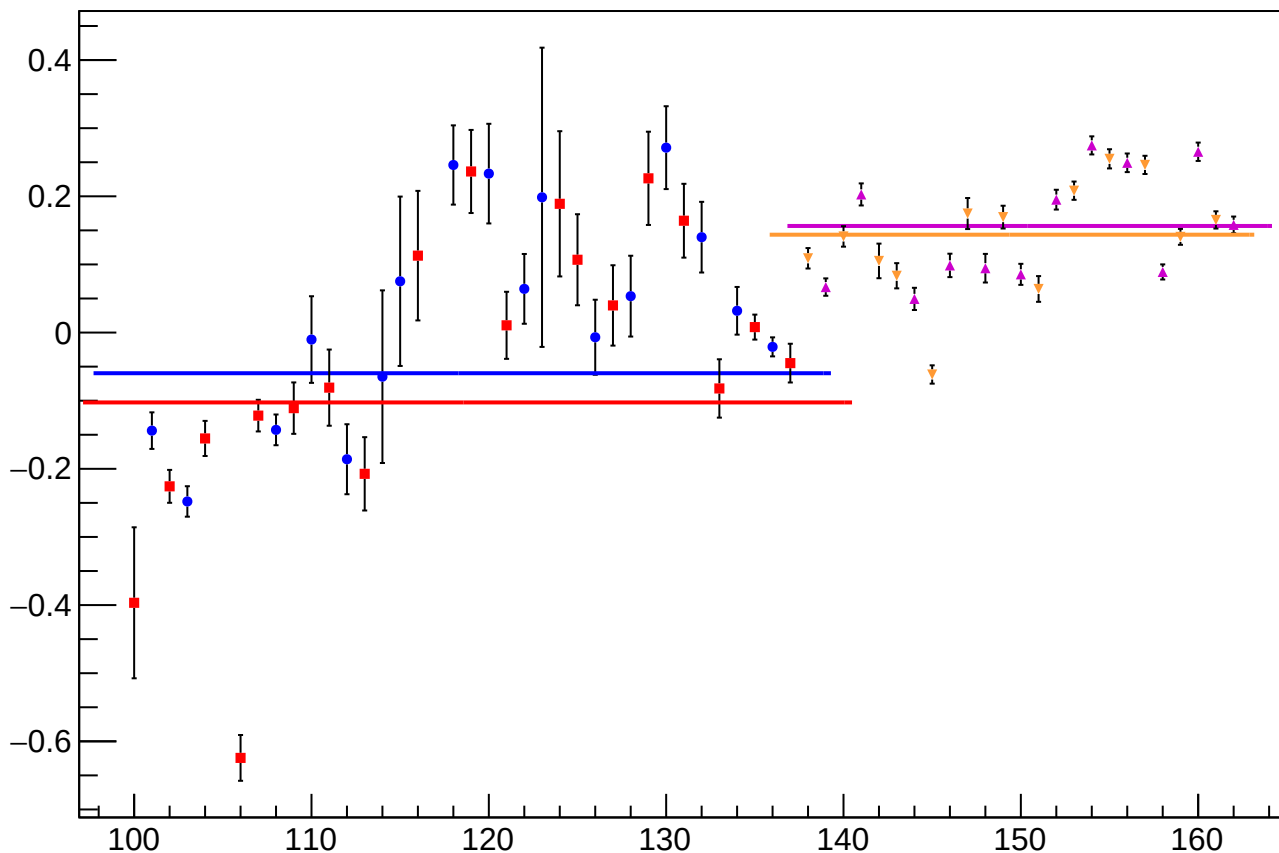
Right: -5.183 ± 0.121 $\chi^2/\text{NDF}: 4184.2/35$

In: -7.006 ± 0.080 $\chi^2/\text{NDF}: 3134.1/28$

Out: -7.093 ± 0.080 $\chi^2/\text{NDF}: 2691.6/31$

All: -7.049 ± 0.057 $\chi^2/\text{NDF}: 5826.2/60$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.144 ± 0.004 χ^2/NDF : 420.7/12

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/11

Left: 0.150 ± 0.003 χ^2/NDF : 802.5/24

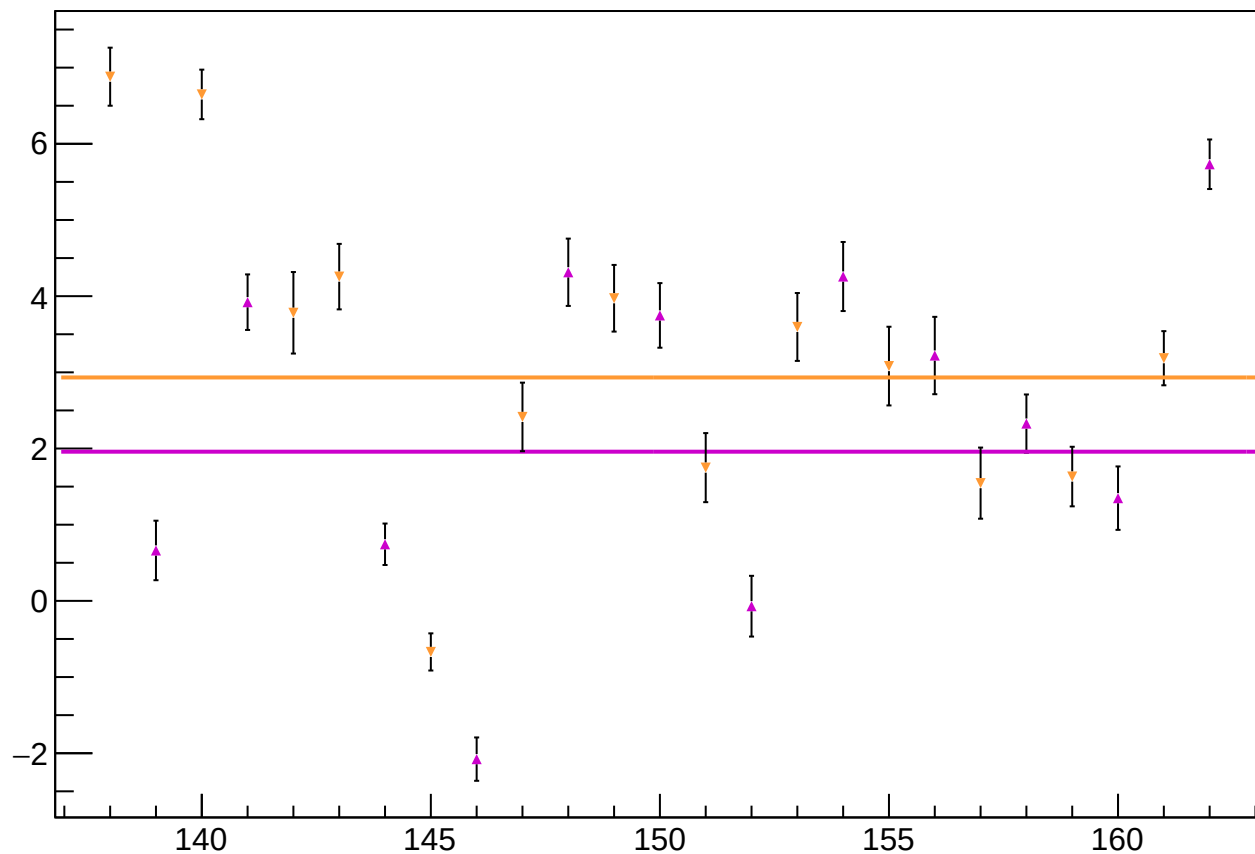
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.115 ± 0.004 χ^2/NDF : 1129.2/28

Out: 0.095 ± 0.004 χ^2/NDF : 1541.8/31

All: 0.105 ± 0.003 χ^2/NDF : 2685.7/60

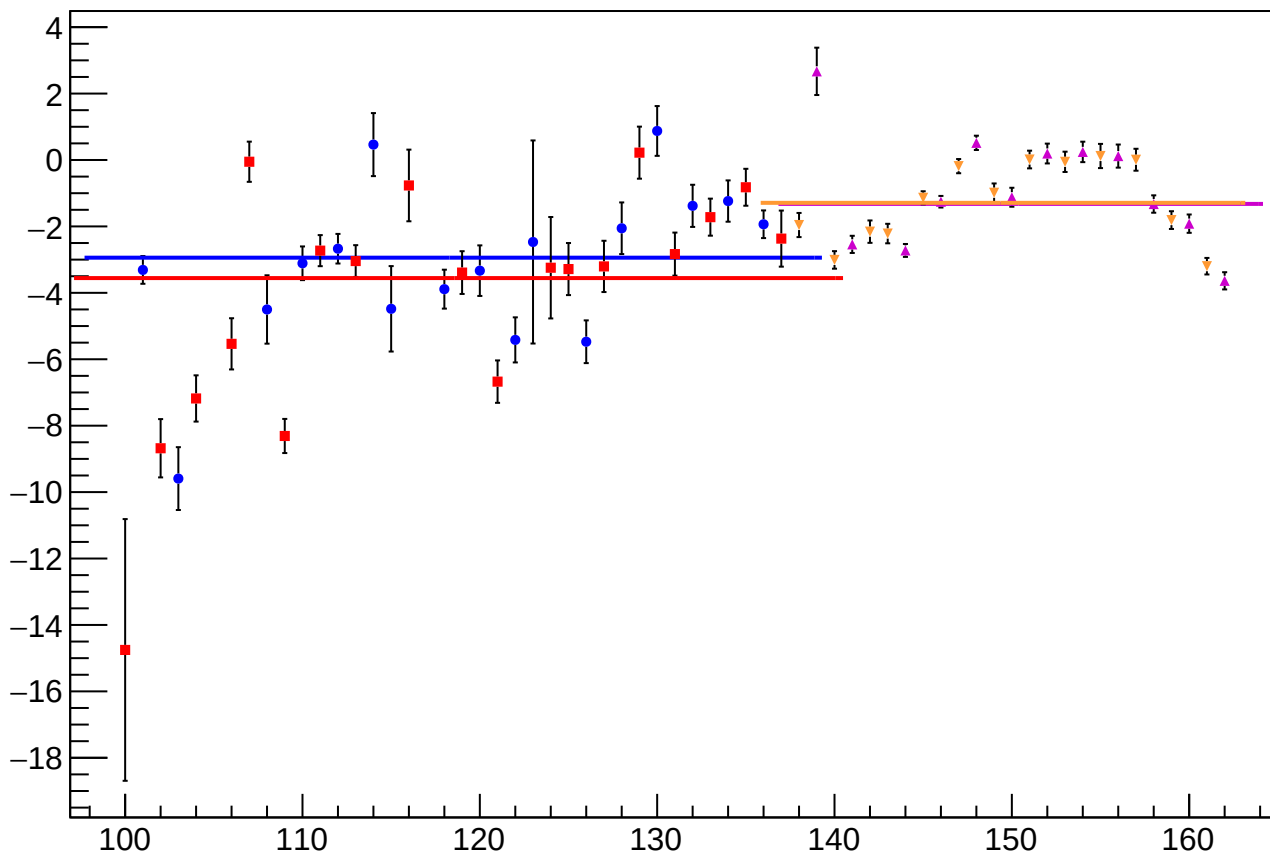
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 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: 2.438 $\pm$ 0.076 χ^2 /NDF: 1048.3/24
 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: 2.933 $\pm$ 0.109 χ^2 /NDF:504.6/12
 All: 2.438 $\pm$ 0.076 χ^2 /NDF: 1048.3/24

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.290 ± 0.076 $\chi^2/\text{NDF}: 224.0/12$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.322 ± 0.074 $\chi^2/\text{NDF}: 332.3/11$

Left: -1.306 ± 0.053 $\chi^2/\text{NDF}: 556.4/24$

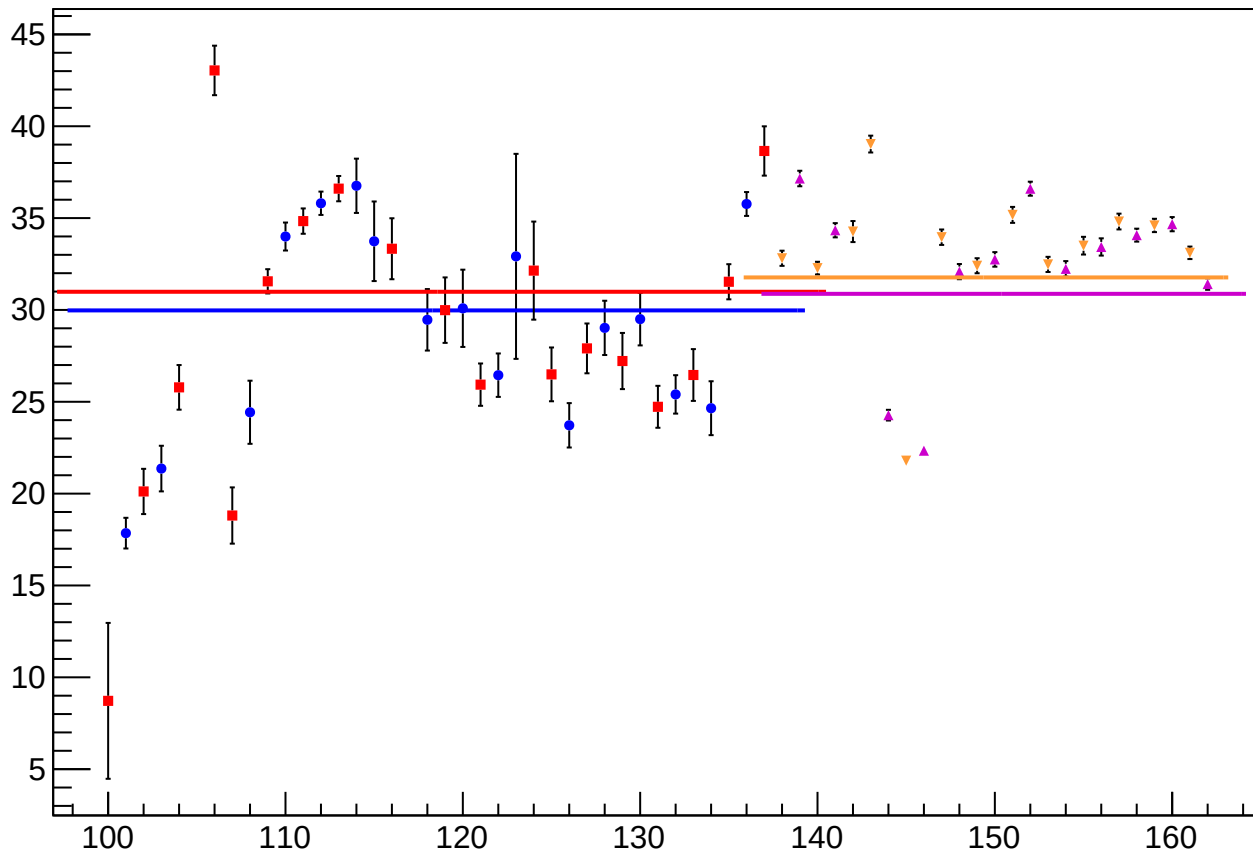
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.625 ± 0.067 $\chi^2/\text{NDF}: 567.5/28$

Out: -1.728 ± 0.068 $\chi^2/\text{NDF}: 689.1/31$

All: -1.676 ± 0.048 $\chi^2/\text{NDF}: 1257.7/60$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 χ^2/NDF : 553.9/16

Left Out: 31.769 ± 0.108 χ^2/NDF : 1987.2/12

Right Out: 30.989 ± 0.260 χ^2/NDF : 481.0/18

Left In: 30.876 ± 0.105 χ^2/NDF : 2268.6/11

Left: 31.308 ± 0.075 χ^2/NDF : 4291.0/24

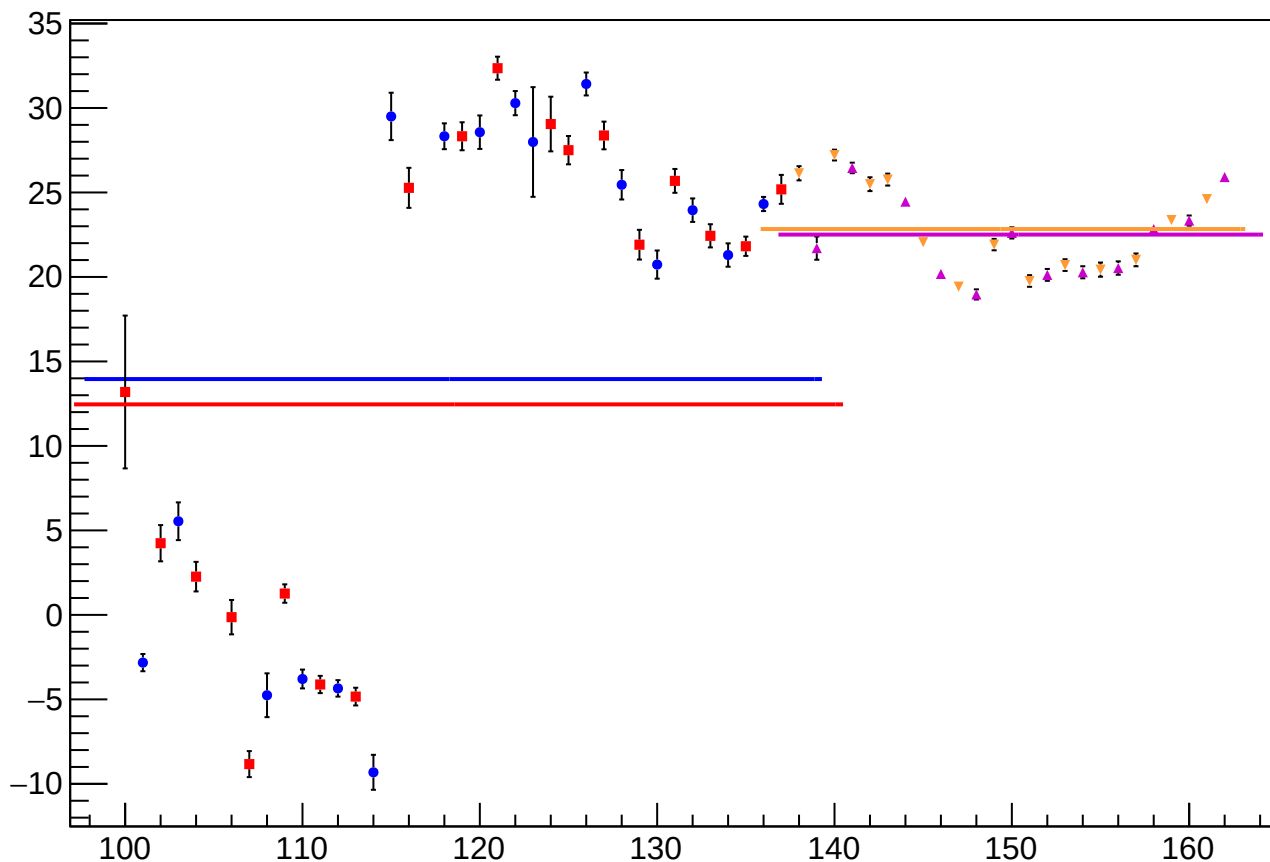
Right: 30.495 ± 0.186 χ^2/NDF : 1042.4/35

In: 30.757 ± 0.097 χ^2/NDF : 2832.4/28

Out: 31.654 ± 0.100 χ^2/NDF : 2475.9/31

All: 31.194 ± 0.070 χ^2/NDF : 5349.8/60

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.836 $\pm$ 0.089 χ^2 /NDF: 734.0/12

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.508 $\pm$ 0.087 χ^2 /NDF: 761.6/11

Left: 22.667 $\pm$ 0.062 χ^2 /NDF: 1502.5/24

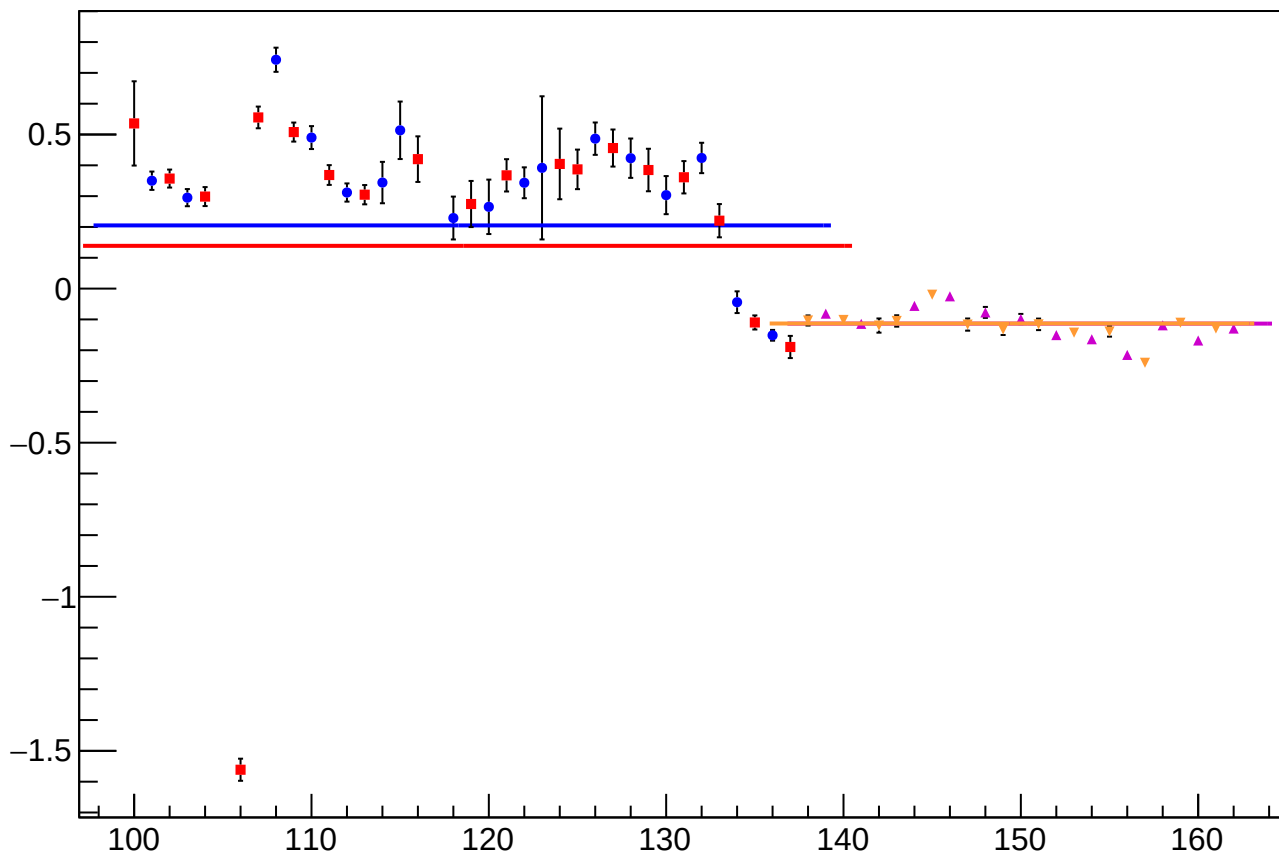
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 20.772 $\pm$ 0.078 χ^2 /NDF: 10073.0/28

Out: 20.662 $\pm$ 0.079 χ^2 /NDF: 10538.6/31

All: 20.718 $\pm$ 0.056 χ^2 /NDF: 20612.6/60

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.113 ± 0.004 $\chi^2/\text{NDF}: 172.3/12$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.114 ± 0.004 $\chi^2/\text{NDF}: 156.9/11$

Left: -0.113 ± 0.003 $\chi^2/\text{NDF}: 329.2/24$

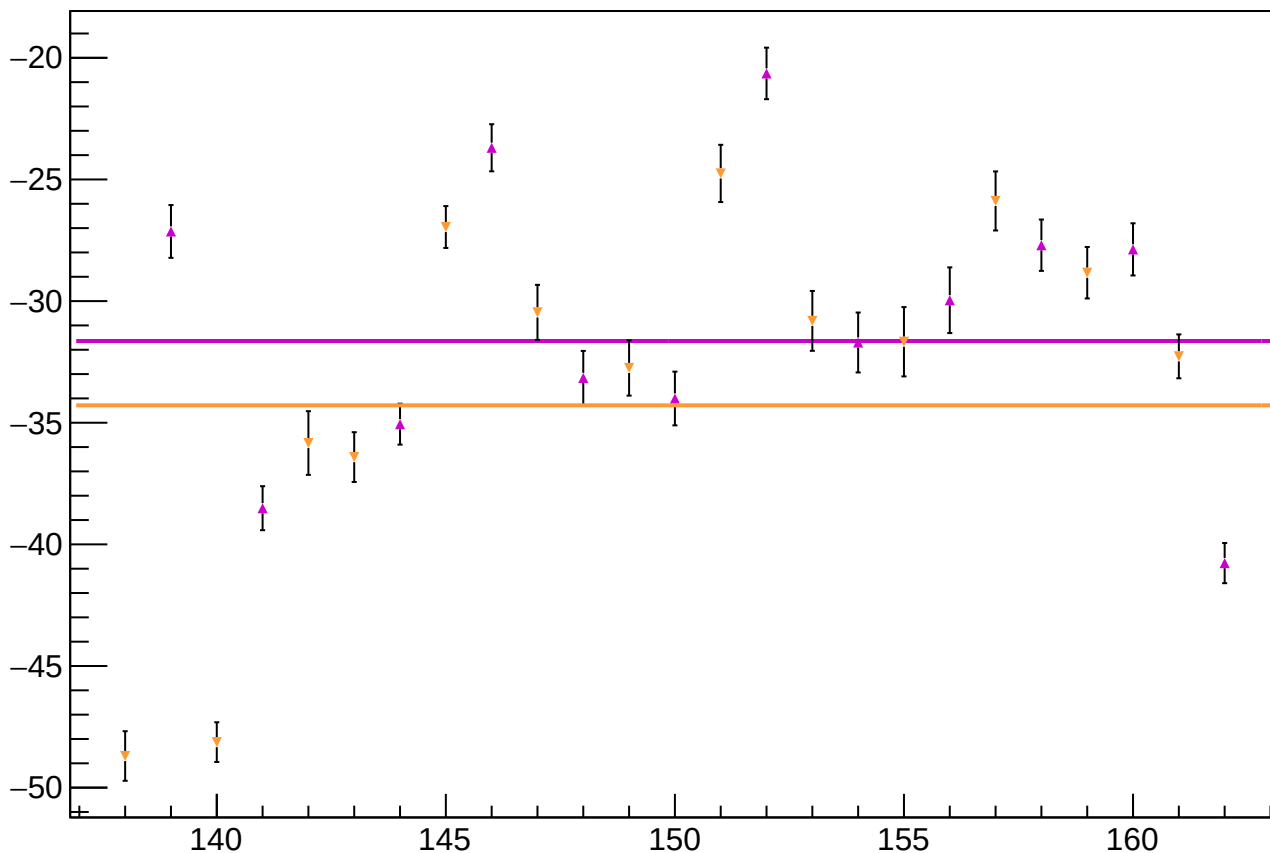
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.062 ± 0.004 $\chi^2/\text{NDF}: 1971.6/28$

Out: -0.069 ± 0.004 $\chi^2/\text{NDF}: 3809.3/31$

All: -0.066 ± 0.003 $\chi^2/\text{NDF}: 5783.0/60$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



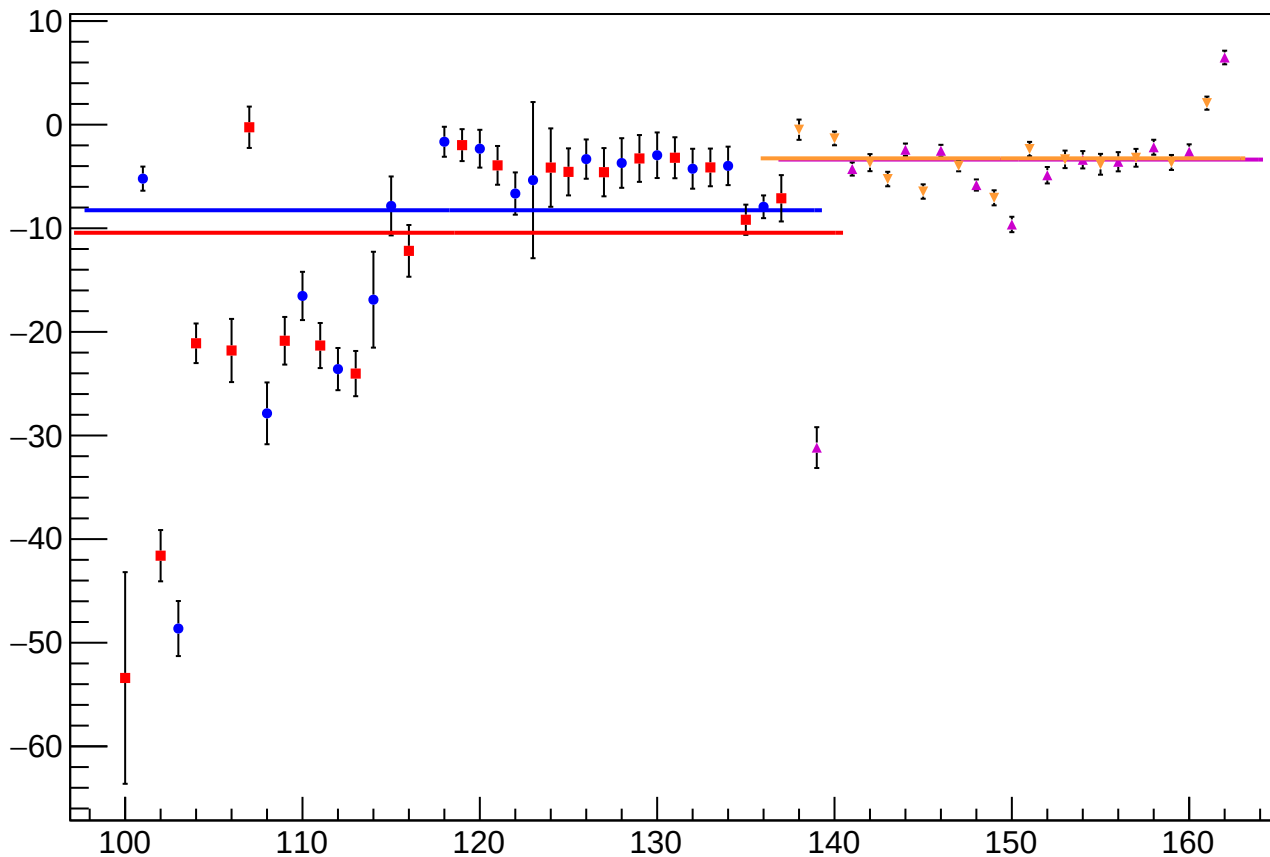
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.284+/-0.294 χ^2/NDF : 735.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.640+/-0.295 χ^2/NDF : 423.5/11

Left: -32.966+/-0.208 χ^2/NDF : 1199.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.640+/-0.295 χ^2/NDF : 423.5/11
 Out: -34.284+/-0.294 χ^2/NDF : 735.4/12

All: -32.966+/-0.208 χ^2/NDF : 1199.2/24

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.251 ± 0.202 $\chi^2/\text{NDF}: 148.2/12$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -3.371 ± 0.203 $\chi^2/\text{NDF}: 528.5/11$

Left: -3.311 ± 0.143 $\chi^2/\text{NDF}: 676.9/24$

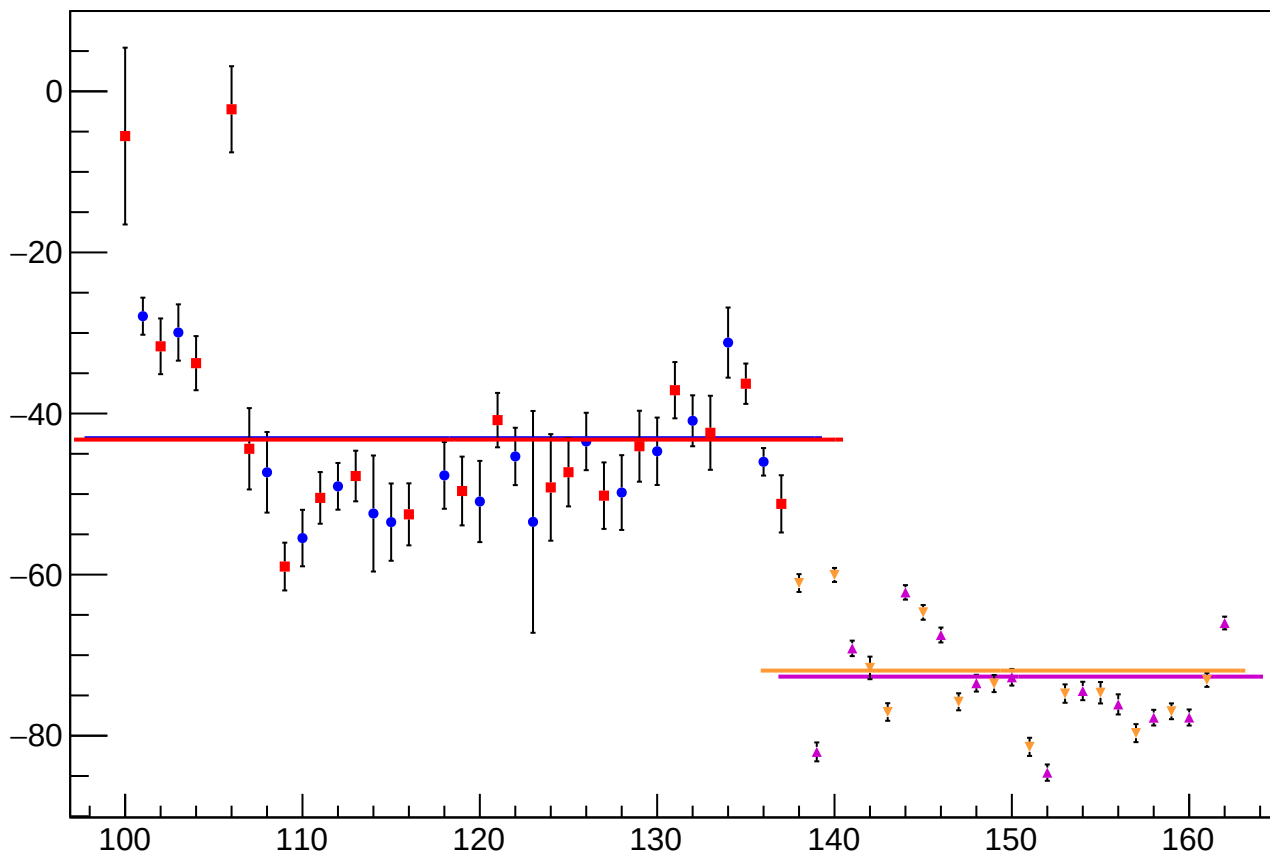
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -4.162 ± 0.186 $\chi^2/\text{NDF}: 1034.1/28$

Out: -4.292 ± 0.187 $\chi^2/\text{NDF}: 760.1/31$

All: -4.227 ± 0.132 $\chi^2/\text{NDF}: 1794.4/60$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



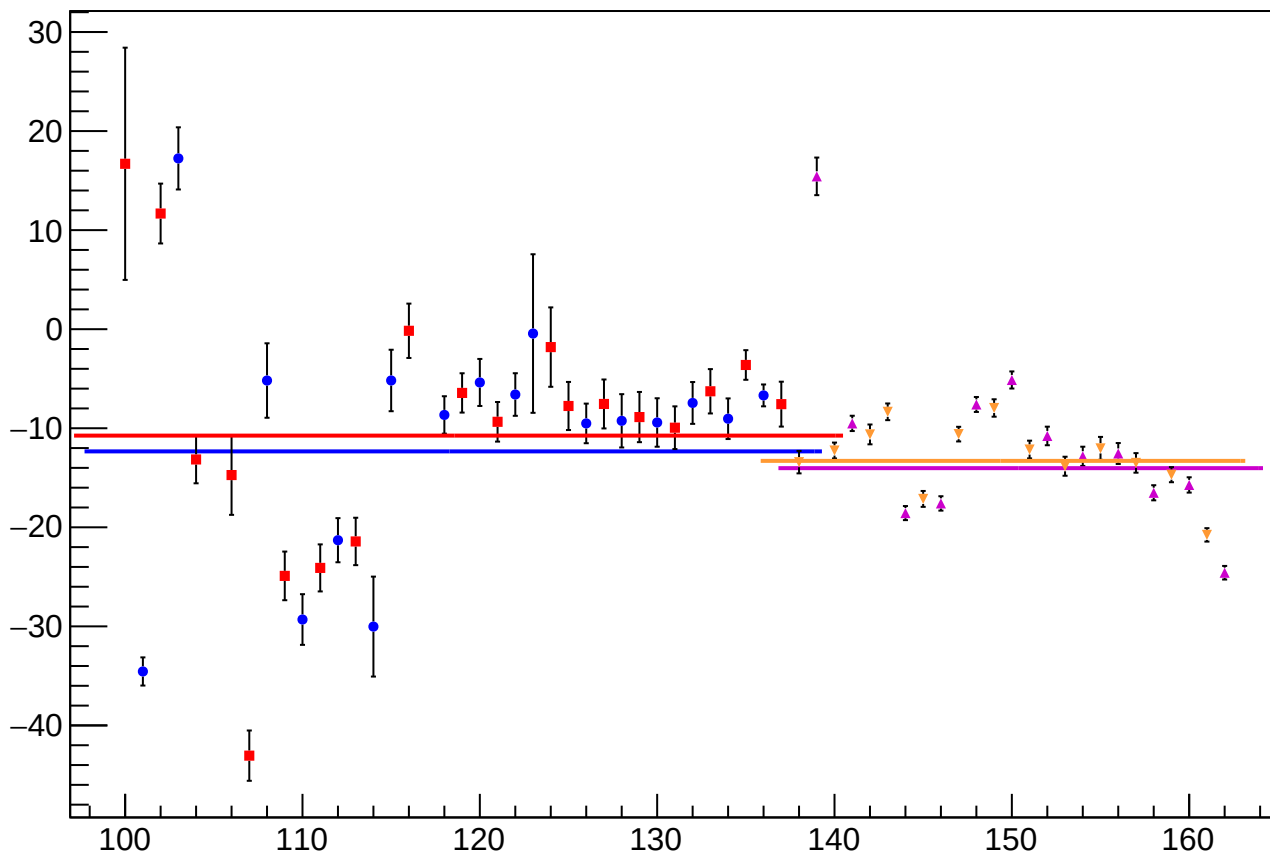
Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.914 ± 0.292 $\chi^2/\text{NDF}: 541.5/12$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -72.664 ± 0.288 $\chi^2/\text{NDF}: 515.1/11$

Left: -72.294 ± 0.205 $\chi^2/\text{NDF}: 1060.0/24$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -69.526 ± 0.272 $\chi^2/\text{NDF}: 1736.7/28$
 Out: -68.996 ± 0.276 $\chi^2/\text{NDF}: 1680.6/31$

All: -69.265 ± 0.194 $\chi^2/\text{NDF}: 3419.2/60$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -13.294 ± 0.240 $\chi^2/\text{NDF}: 244.5/12$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -14.029 ± 0.239 $\chi^2/\text{NDF}: 786.0/11$

Left: -13.662 ± 0.169 $\chi^2/\text{NDF}: 1035.2/24$

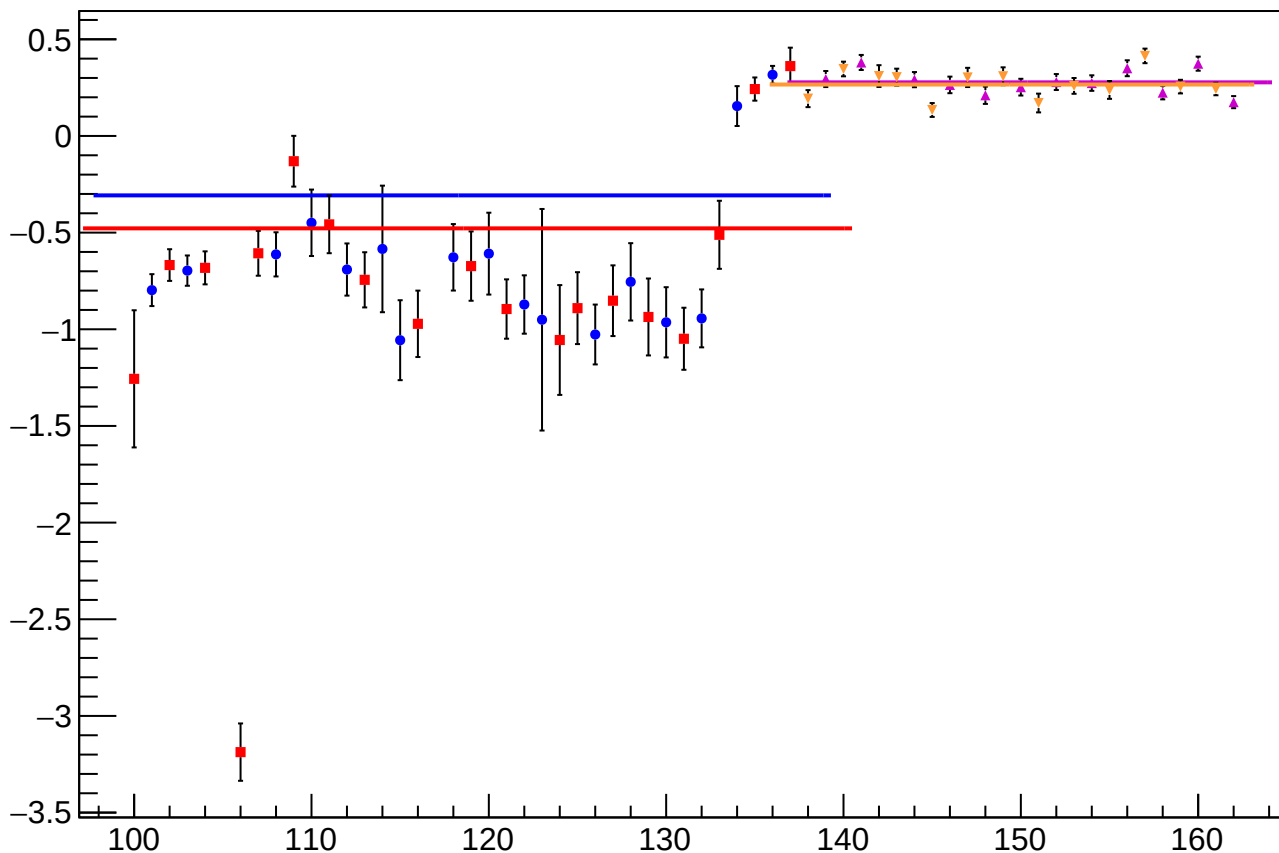
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -13.734 ± 0.217 $\chi^2/\text{NDF}: 1269.9/28$

Out: -12.891 ± 0.220 $\chi^2/\text{NDF}: 629.3/31$

All: -13.318 ± 0.154 $\chi^2/\text{NDF}: 1906.6/60$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.266 ± 0.011 χ^2/NDF : 43.8/12

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.277 ± 0.011 χ^2/NDF : 33.2/11

Left: 0.272 ± 0.008 χ^2/NDF : 77.5/24

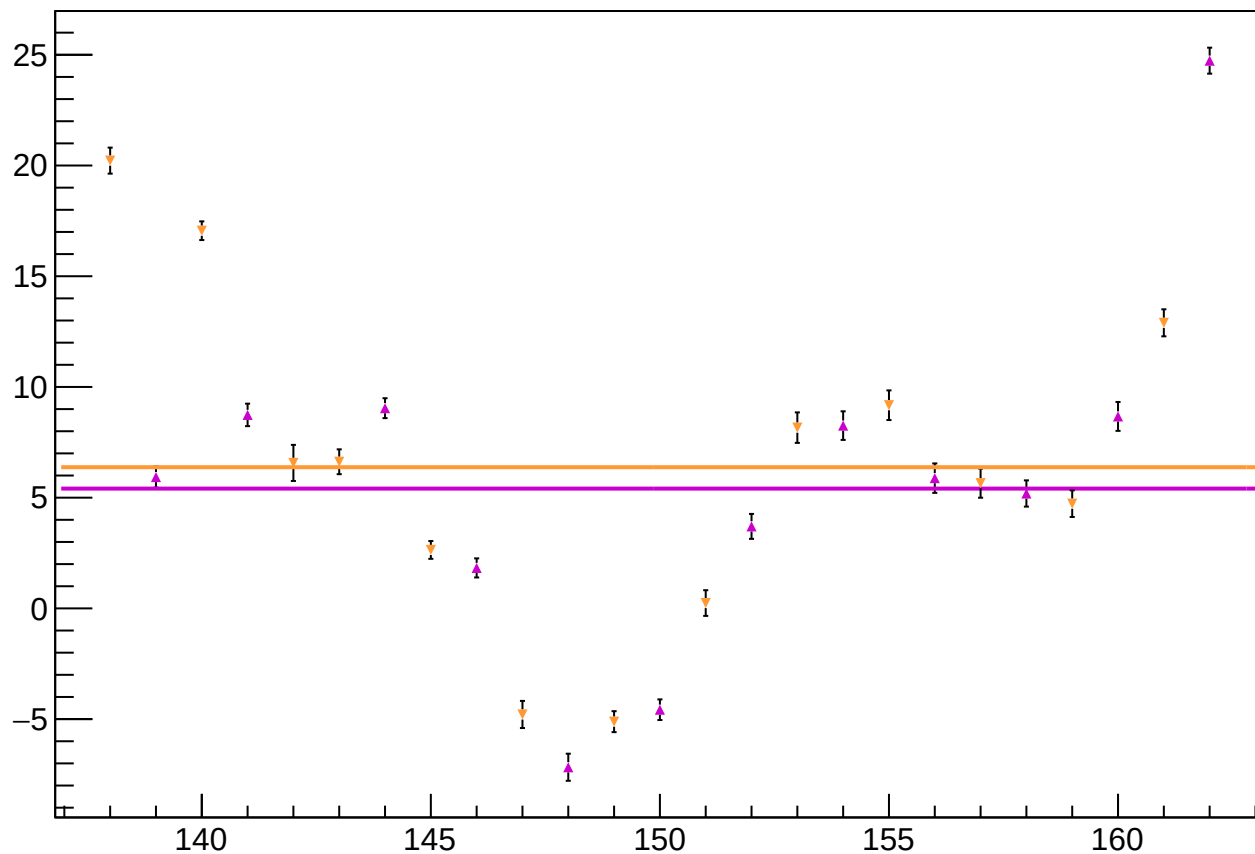
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.193 ± 0.010 χ^2/NDF : 791.6/28

Out: 0.163 ± 0.011 χ^2/NDF : 1261.3/31

All: 0.178 ± 0.007 χ^2/NDF : 2057.0/60

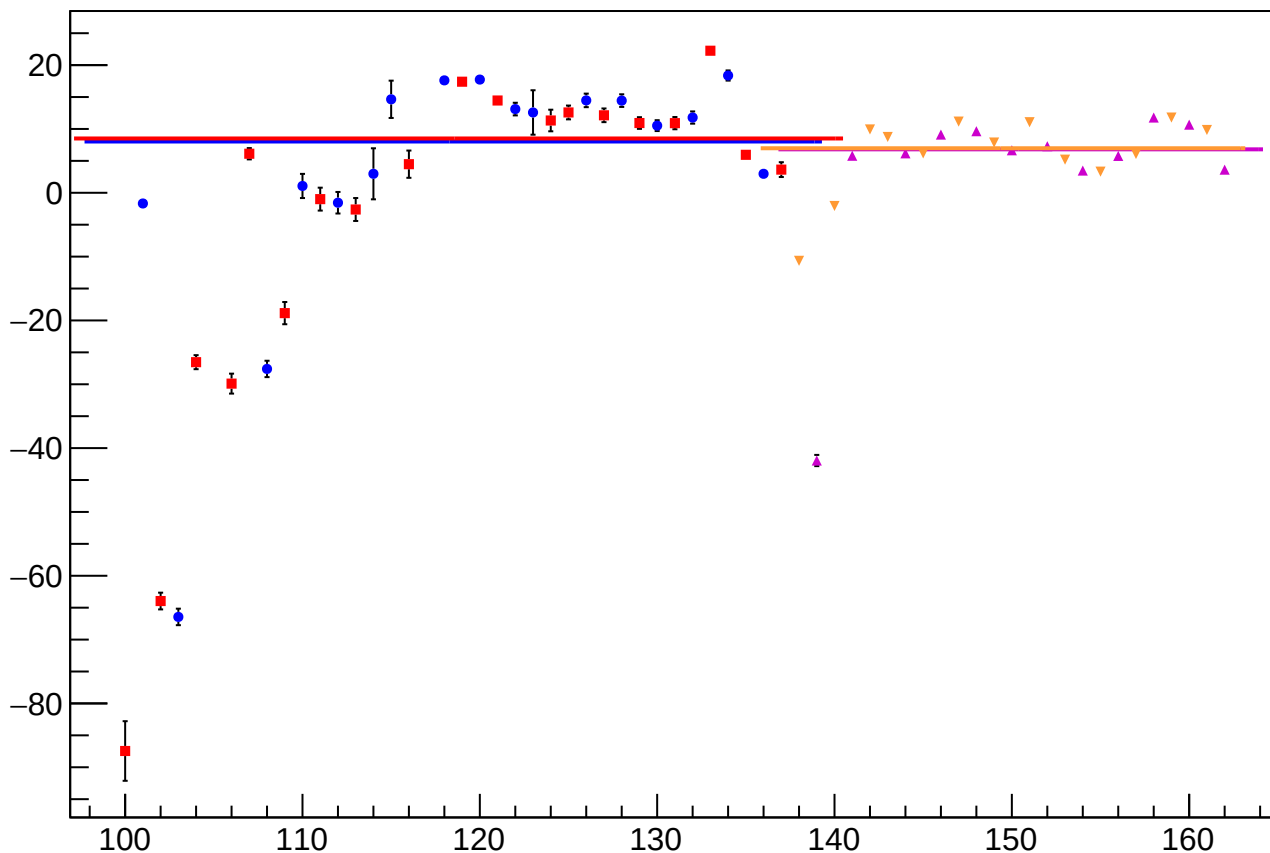
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.376+/-0.155 χ^2/NDF :2461.8/12
 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: 5.892+/-0.110 χ^2/NDF : 4681.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.410+/-0.155 χ^2/NDF :2199.7/11
 Out: 6.376+/-0.155 χ^2/NDF :2461.8/12
 All: 5.892+/-0.110 χ^2/NDF : 4681.0/24

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.976 $\pm$ 0.108 χ^2 /NDF: 2212.3/12

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.806 $\pm$ 0.109 χ^2 /NDF: 3579.8/11

Left: 6.892 $\pm$ 0.077 χ^2 /NDF: 5793.3/24

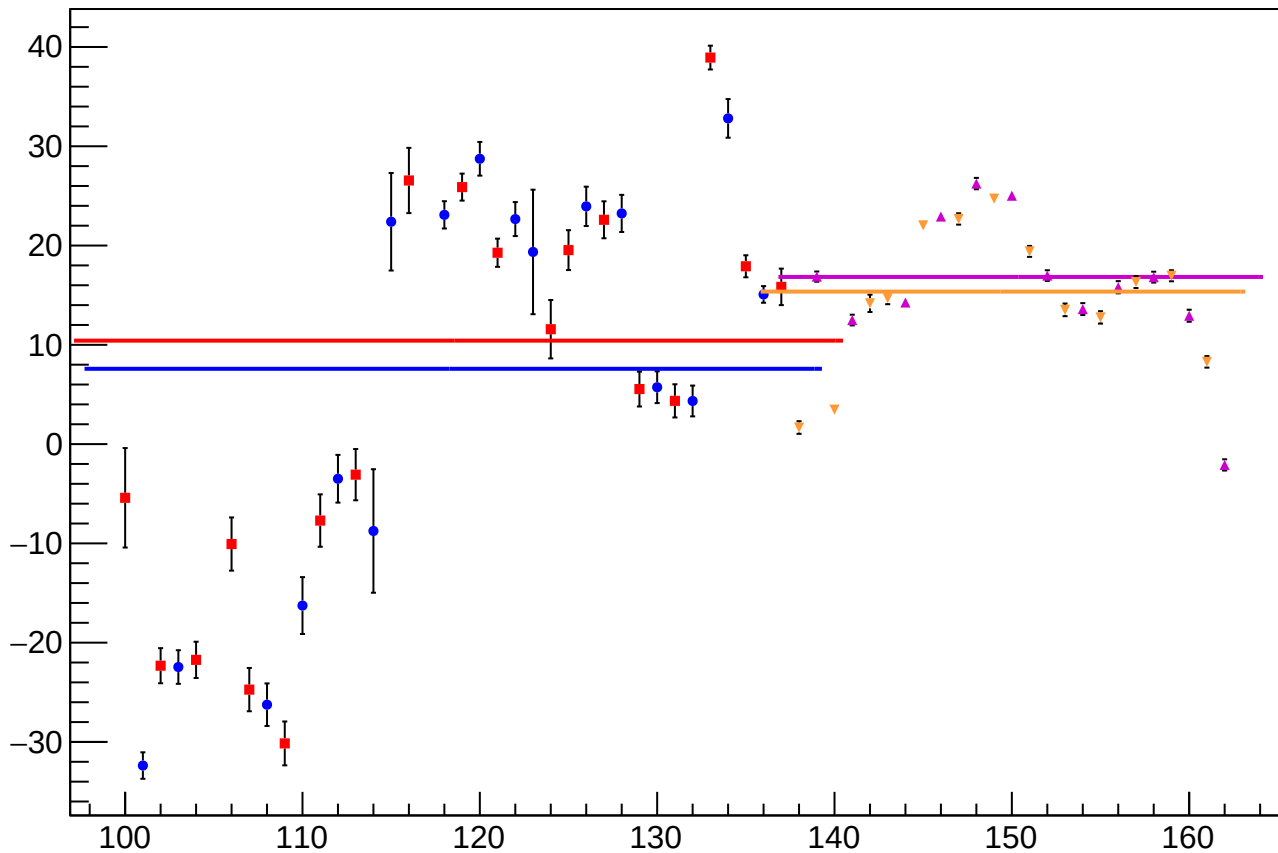
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 7.058 $\pm$ 0.097 χ^2 /NDF: 8976.0/28

Out: 7.288 $\pm$ 0.096 χ^2 /NDF: 8966.9/31

All: 7.174 $\pm$ 0.068 χ^2 /NDF: 17945.7/60

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 15.362 ± 0.154 $\chi^2/\text{NDF}: 2258.9/12$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 16.837 ± 0.151 $\chi^2/\text{NDF}: 2126.8/11$

Left: 16.110 ± 0.108 $\chi^2/\text{NDF}: 4432.5/24$

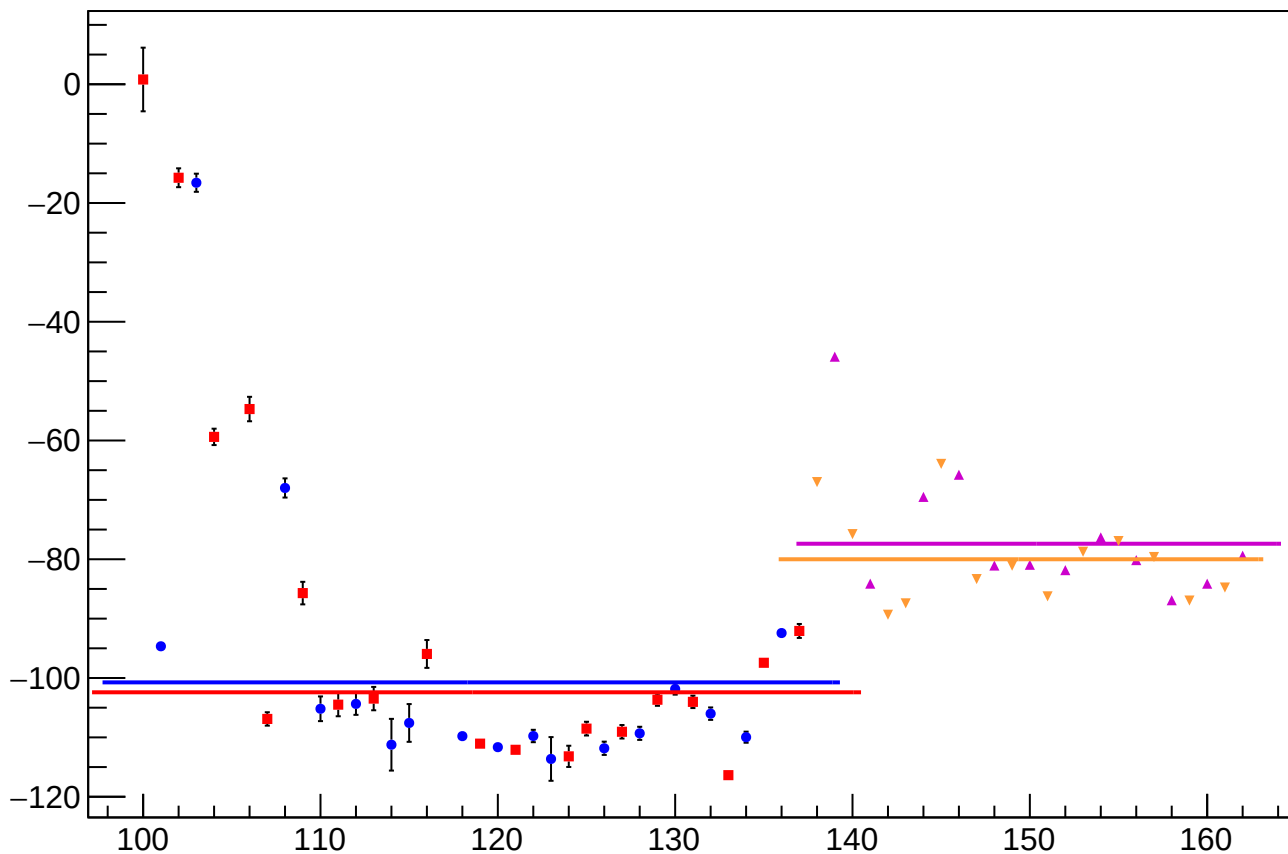
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 15.757 ± 0.142 $\chi^2/\text{NDF}: 4885.8/28$

Out: 14.770 ± 0.144 $\chi^2/\text{NDF}: 4672.4/31$

All: 15.270 ± 0.101 $\chi^2/\text{NDF}: 9582.1/60$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -80.002 ± 0.128 χ^2/NDF : 3425.8/12

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -77.387 ± 0.128 χ^2/NDF : 4185.8/11

Left: -78.698 ± 0.091 χ^2/NDF : 7820.1/24

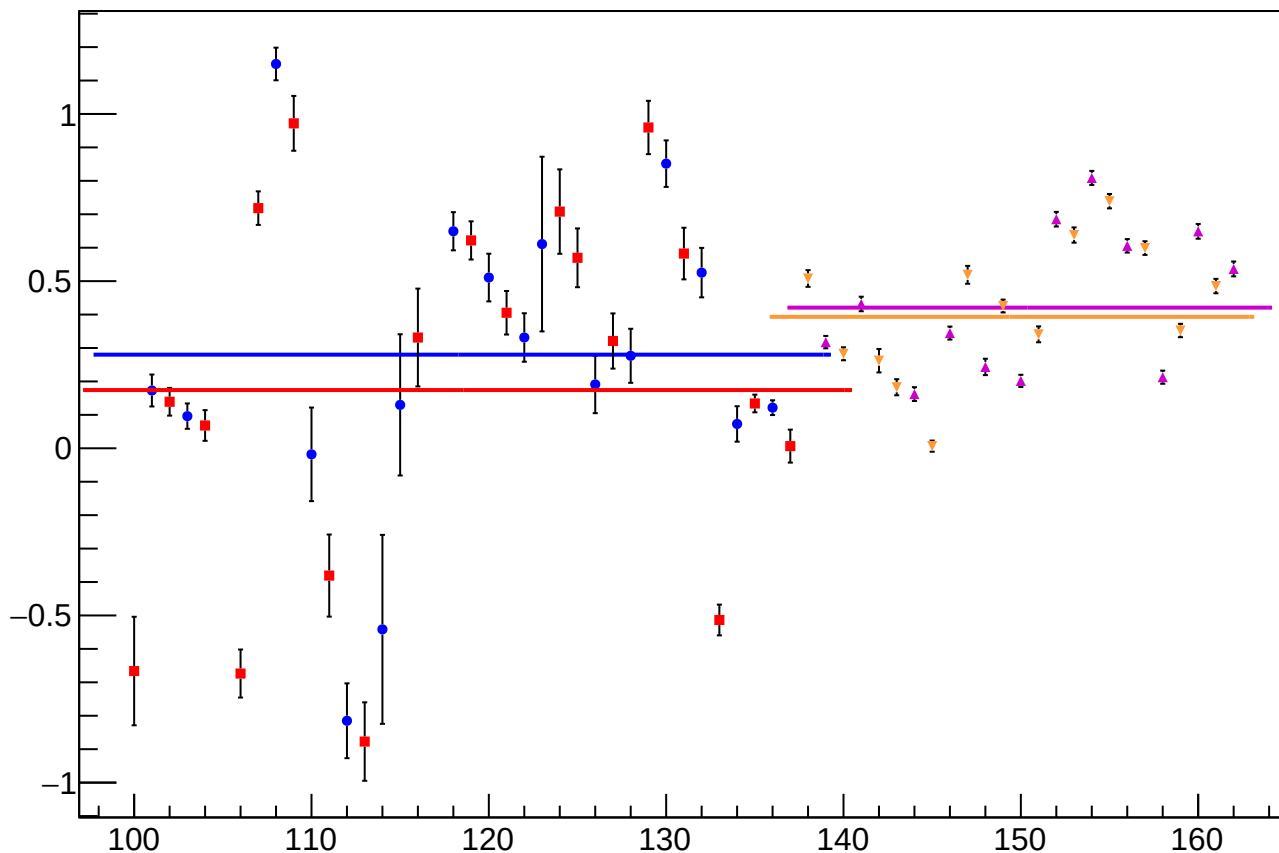
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -82.303 ± 0.114 χ^2/NDF : 15687.0/28

Out: -84.772 ± 0.113 χ^2/NDF : 16051.2/31

All: -83.543 ± 0.080 χ^2/NDF : 31974.0/60

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.393 ± 0.006 χ^2/NDF : 1208.4/12

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.421 ± 0.006 χ^2/NDF : 1213.2/11

Left: 0.407 ± 0.004 χ^2/NDF : 2432.2/24

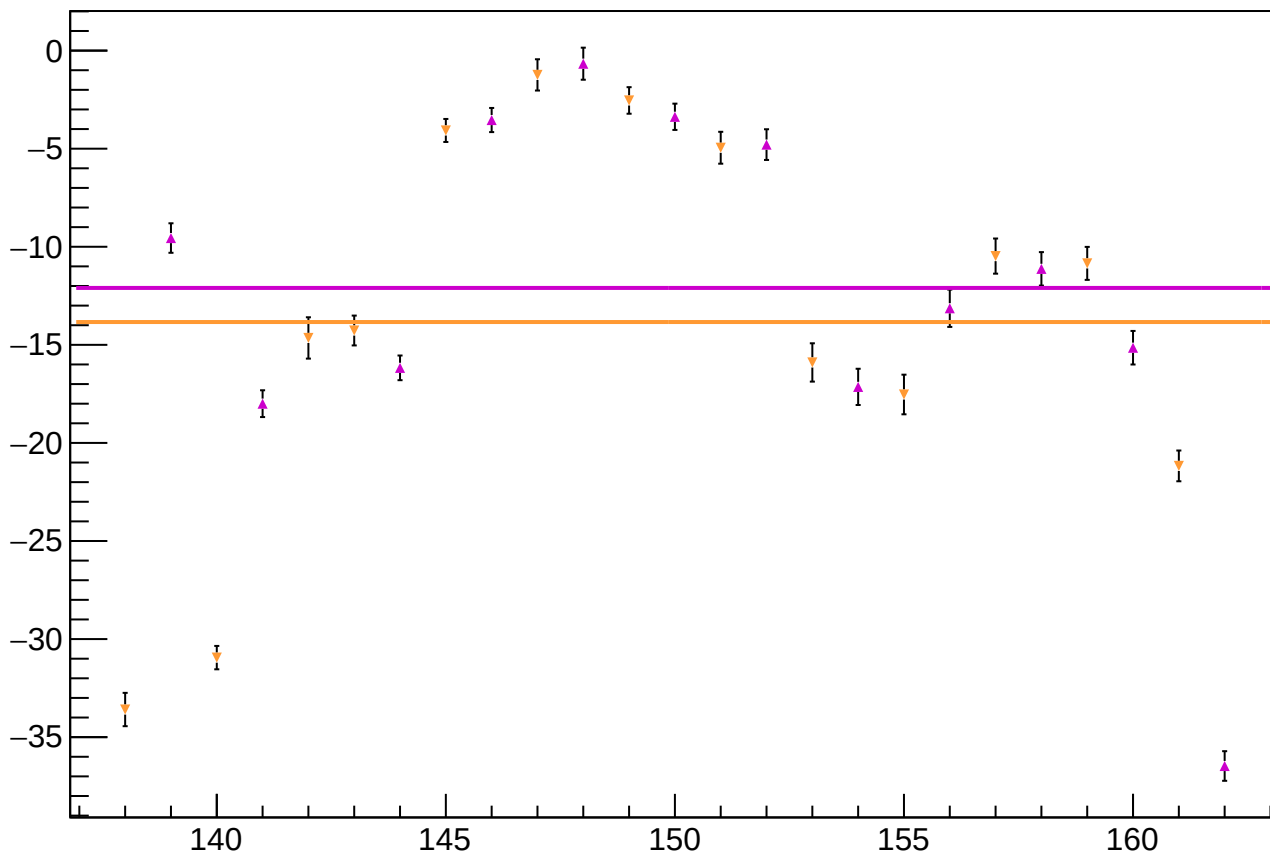
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.398 ± 0.005 χ^2/NDF : 1960.7/28

Out: 0.356 ± 0.006 χ^2/NDF : 2393.4/31

All: 0.377 ± 0.004 χ^2/NDF : 4382.6/60

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: -13.837+/-0.217 χ^2/NDF :2422.7/12

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: -12.970+/-0.153 χ^2/NDF : 4316.0/24

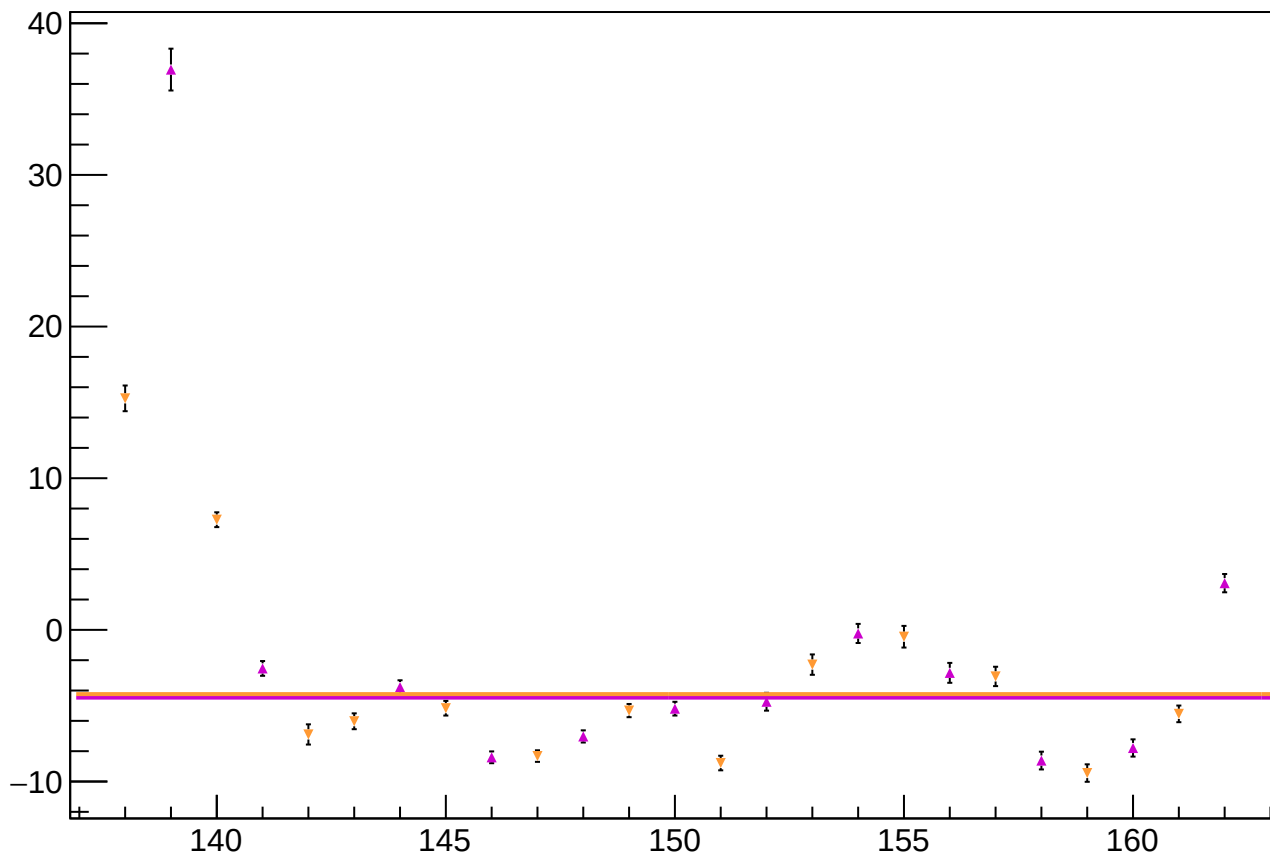
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Out: -13.837+/-0.217 χ^2/NDF :2422.7/12

All: -12.970+/-0.153 χ^2/NDF : 4316.0/24

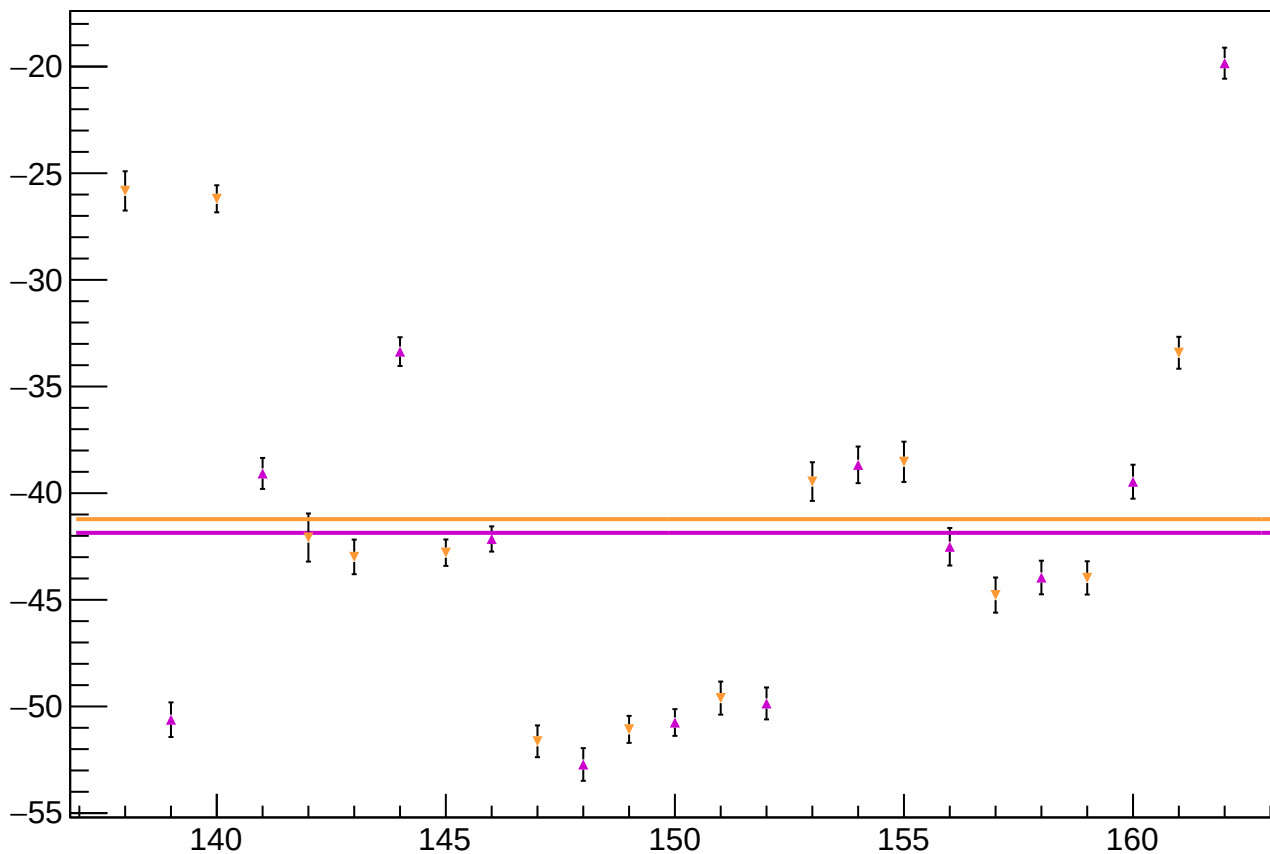
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.236+/-0.149 χ^2/NDF :1452.2/12
 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: -4.350+/-0.106 χ^2/NDF : 2810.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.467+/-0.151 χ^2/NDF :1357.5/11
 Out: -4.236+/-0.149 χ^2/NDF :1452.2/12
 All: -4.350+/-0.106 χ^2/NDF : 2810.9/24

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: -41.219+/-0.214 χ^2/NDF :1557.4/12

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: -41.543+/-0.151 χ^2/NDF : 3316.3/24

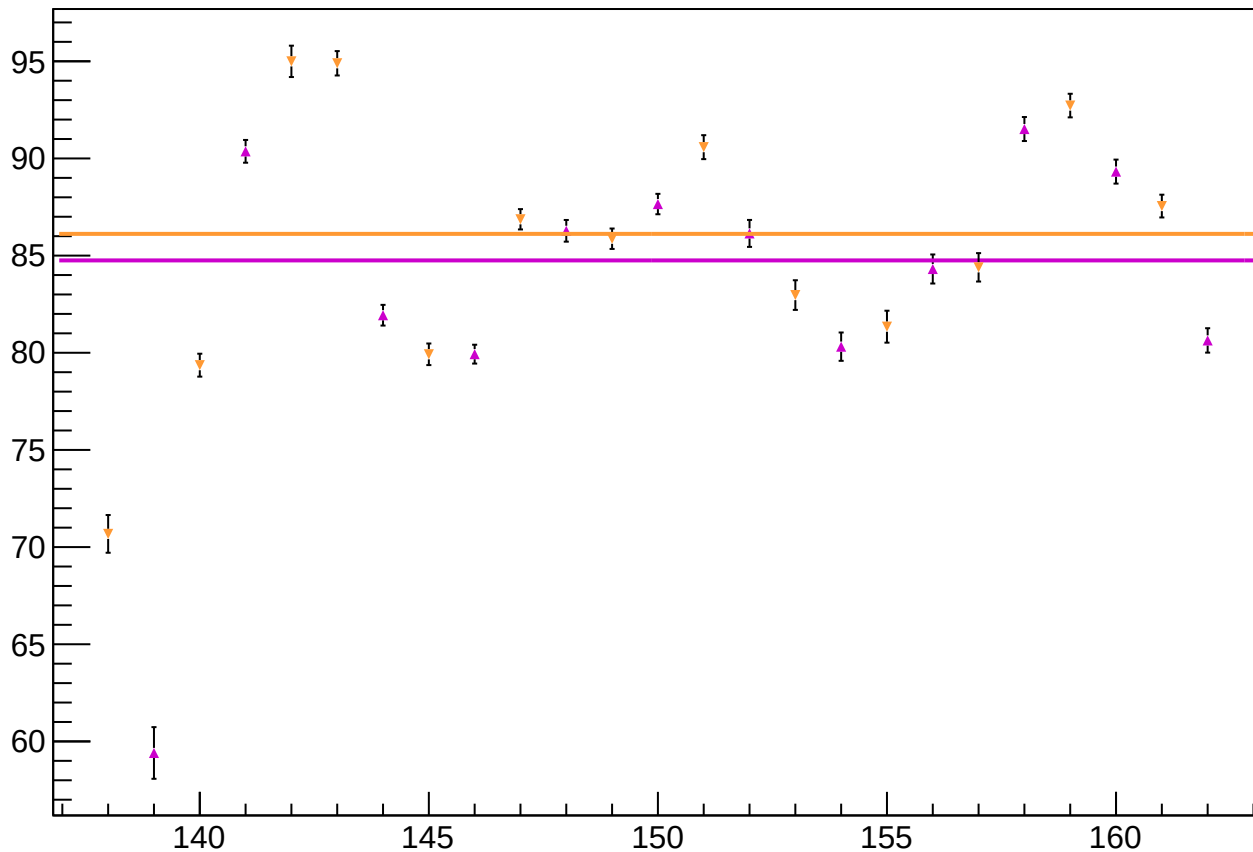
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Out: -41.219+/-0.214 χ^2/NDF :1557.4/12

All: -41.543+/-0.151 χ^2/NDF : 3316.3/24

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: 86.118+/-0.177 χ^2/NDF :1060.7/12

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: 85.438+/-0.126 χ^2/NDF : 1969.4/24

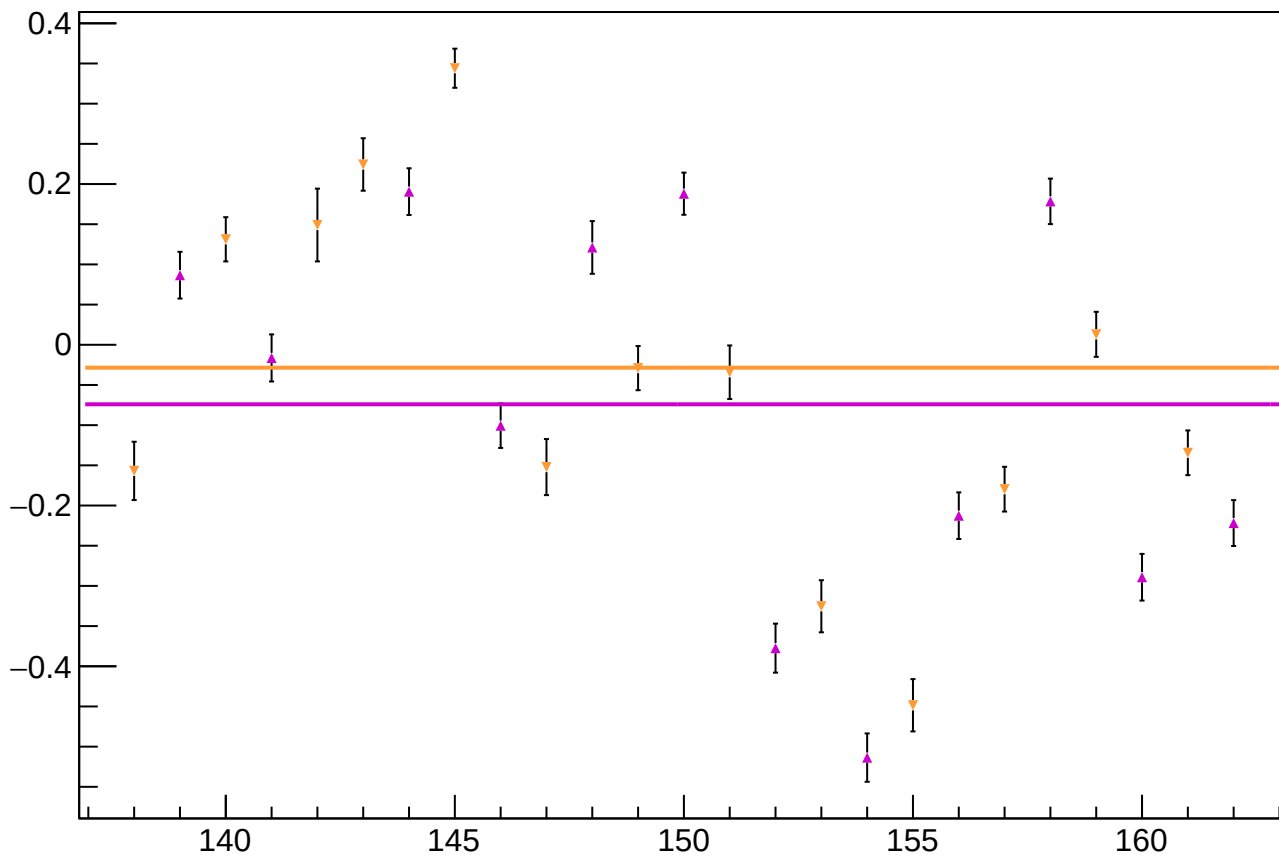
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.753+/-0.178 χ^2/NDF :879.1/11

Out: 86.118+/-0.177 χ^2/NDF :1060.7/12

All: 85.438+/-0.126 χ^2/NDF : 1969.4/24

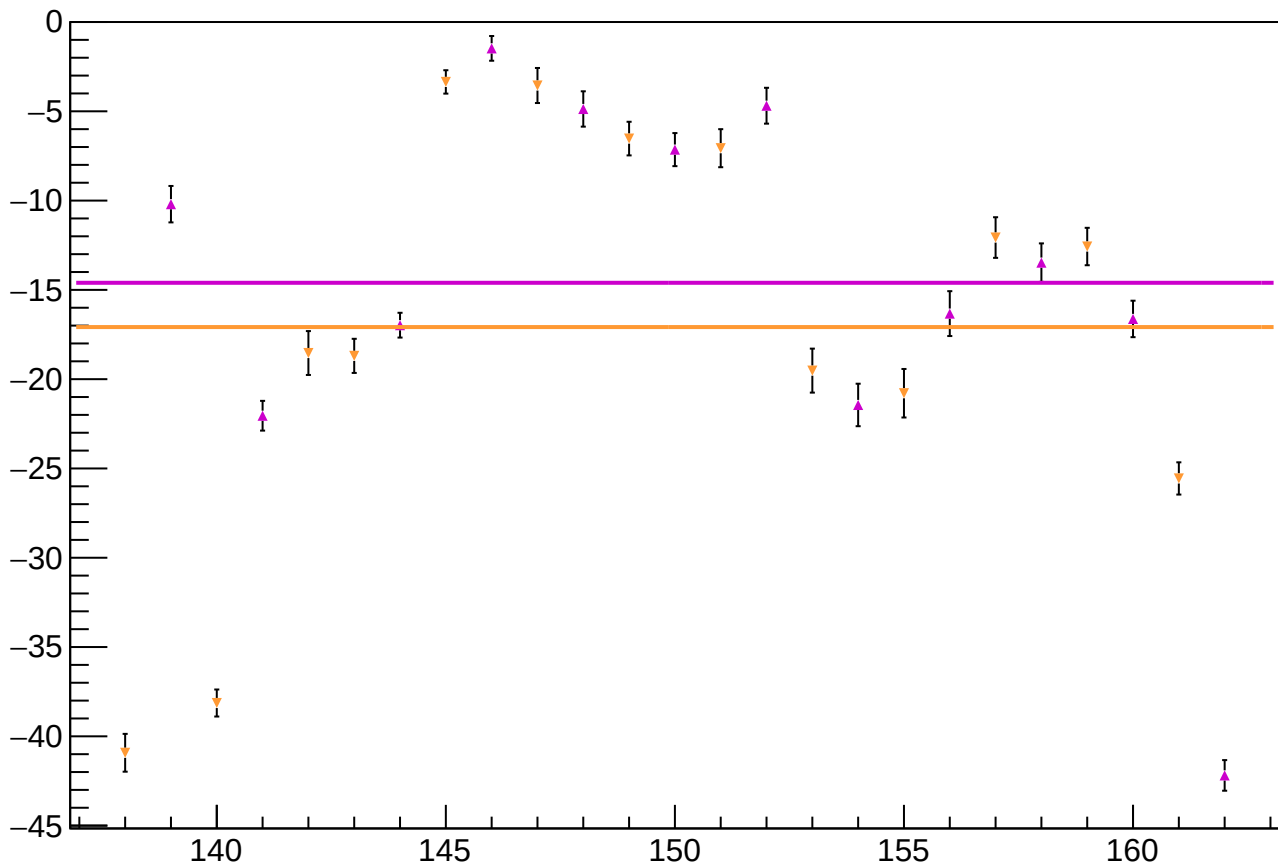
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.028 ± 0.008 $\chi^2/\text{NDF}: 665.2/12$
 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: -0.051 ± 0.006 $\chi^2/\text{NDF}: 1430.0/24$
 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: -0.028 ± 0.008 $\chi^2/\text{NDF}: 665.2/12$
 All: -0.051 ± 0.006 $\chi^2/\text{NDF}: 1430.0/24$

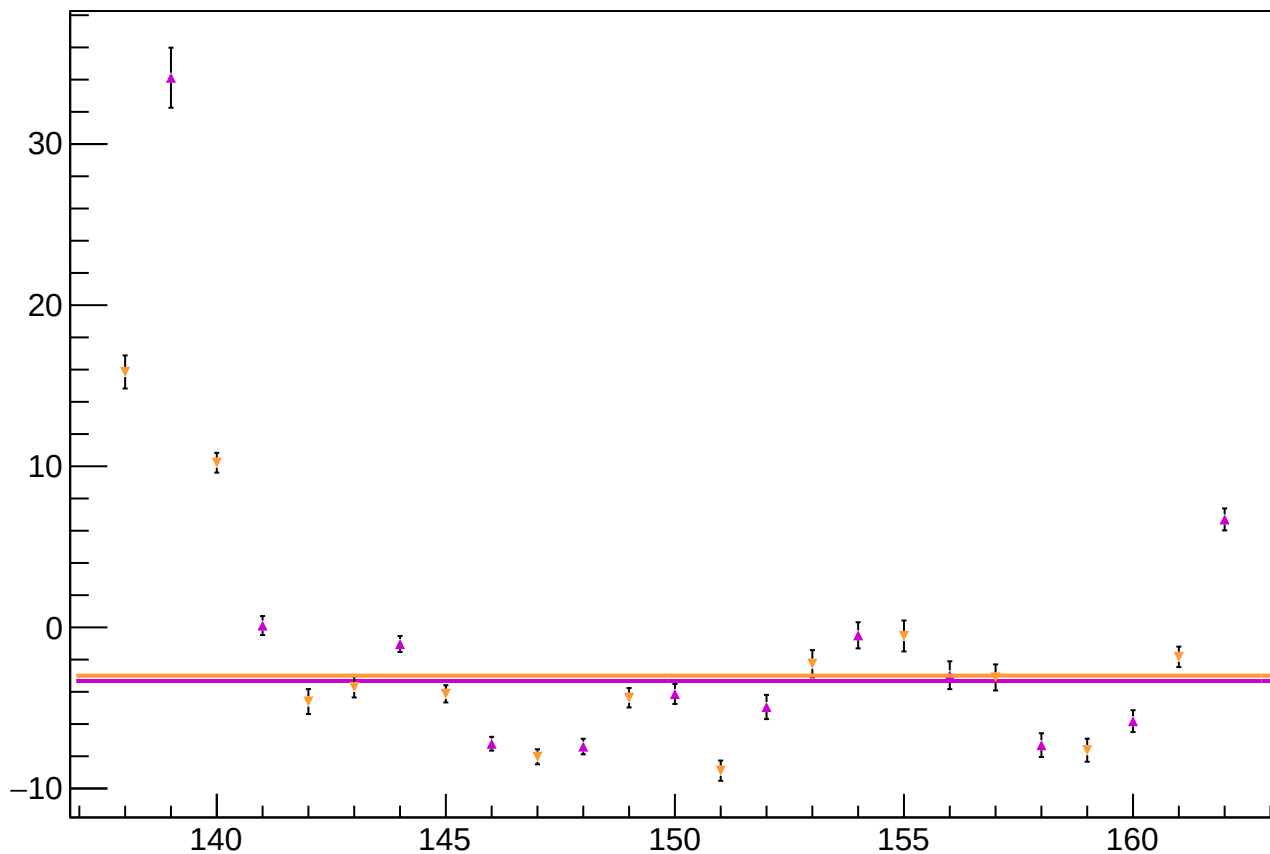
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.083+/-0.268 χ^2/NDF :2266.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.603+/-0.265 χ^2/NDF :1804.5/11

Left: -15.826+/-0.188 χ^2/NDF : 4113.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -14.603+/-0.265 χ^2/NDF :1804.5/11
 Out: -17.083+/-0.268 χ^2/NDF :2266.0/12
 All: -15.826+/-0.188 χ^2/NDF : 4113.8/24

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



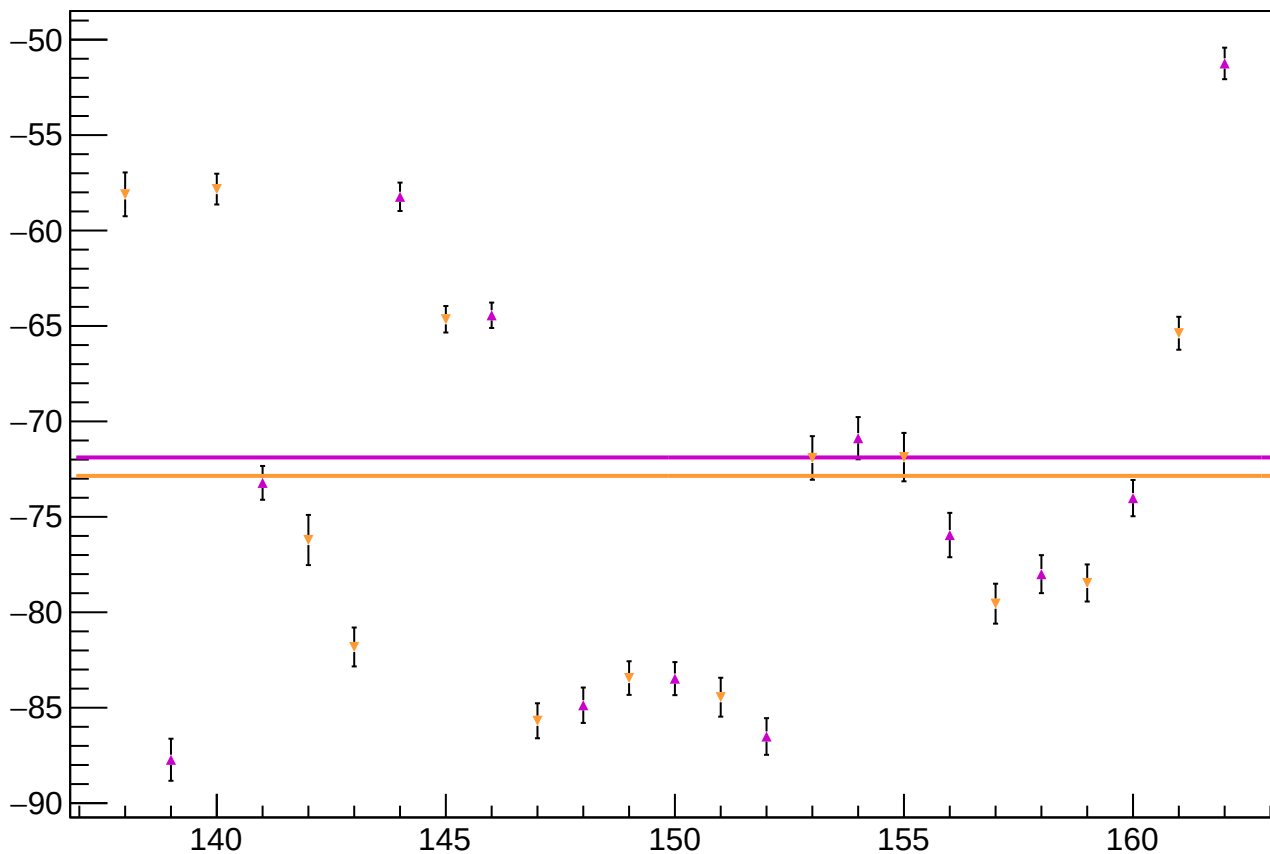
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.993+/-0.184 χ^2/NDF :1072.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.327+/-0.182 χ^2/NDF :888.6/11

Left: -3.162+/-0.129 χ^2/NDF : 1962.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.327+/-0.182 χ^2/NDF :888.6/11
 Out: -2.993+/-0.184 χ^2/NDF :1072.0/12

All: -3.162+/-0.129 χ^2/NDF : 1962.2/24

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: -72.854+/-0.267 χ^2/NDF :1357.1/12

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: -72.357+/-0.186 χ^2/NDF : 3323.0/24

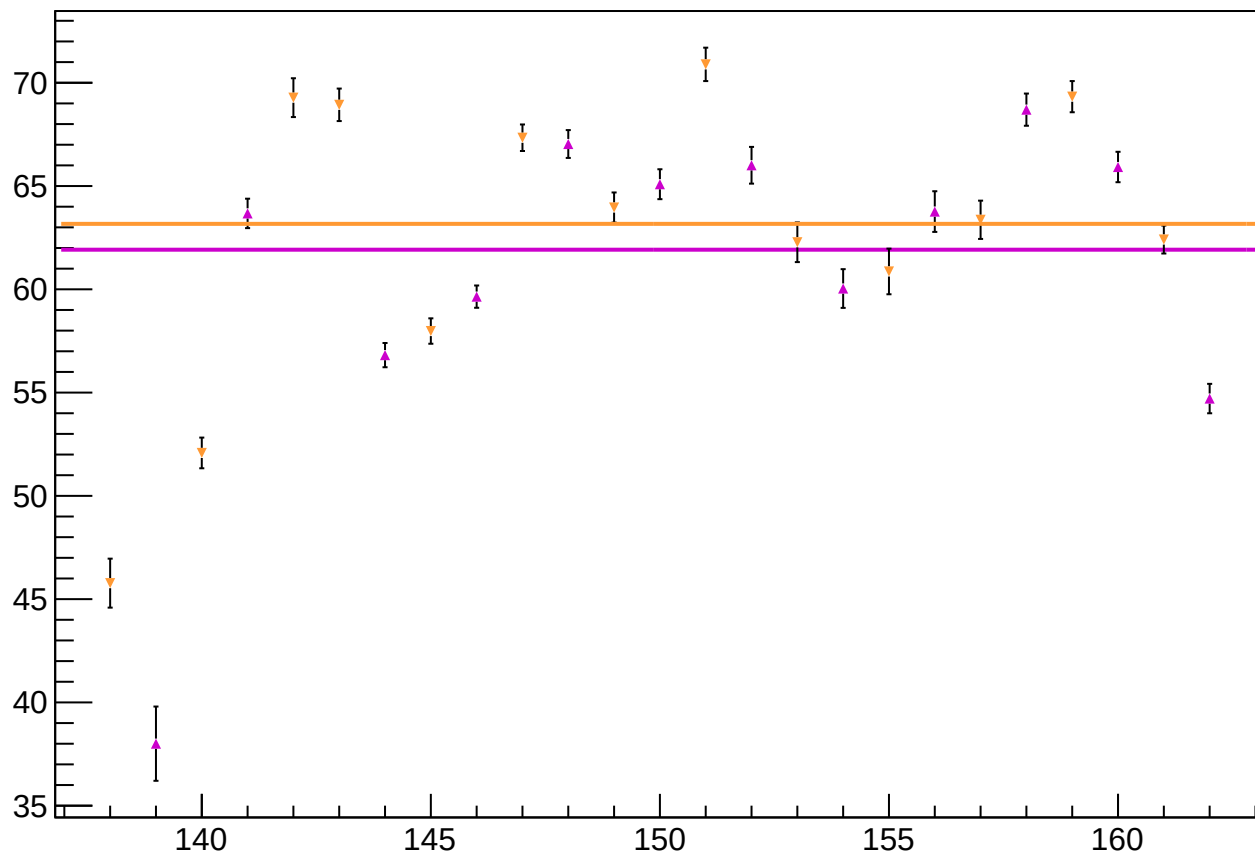
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Out: -72.854+/-0.267 χ^2/NDF :1357.1/12

All: -72.357+/-0.186 χ^2/NDF : 3323.0/24

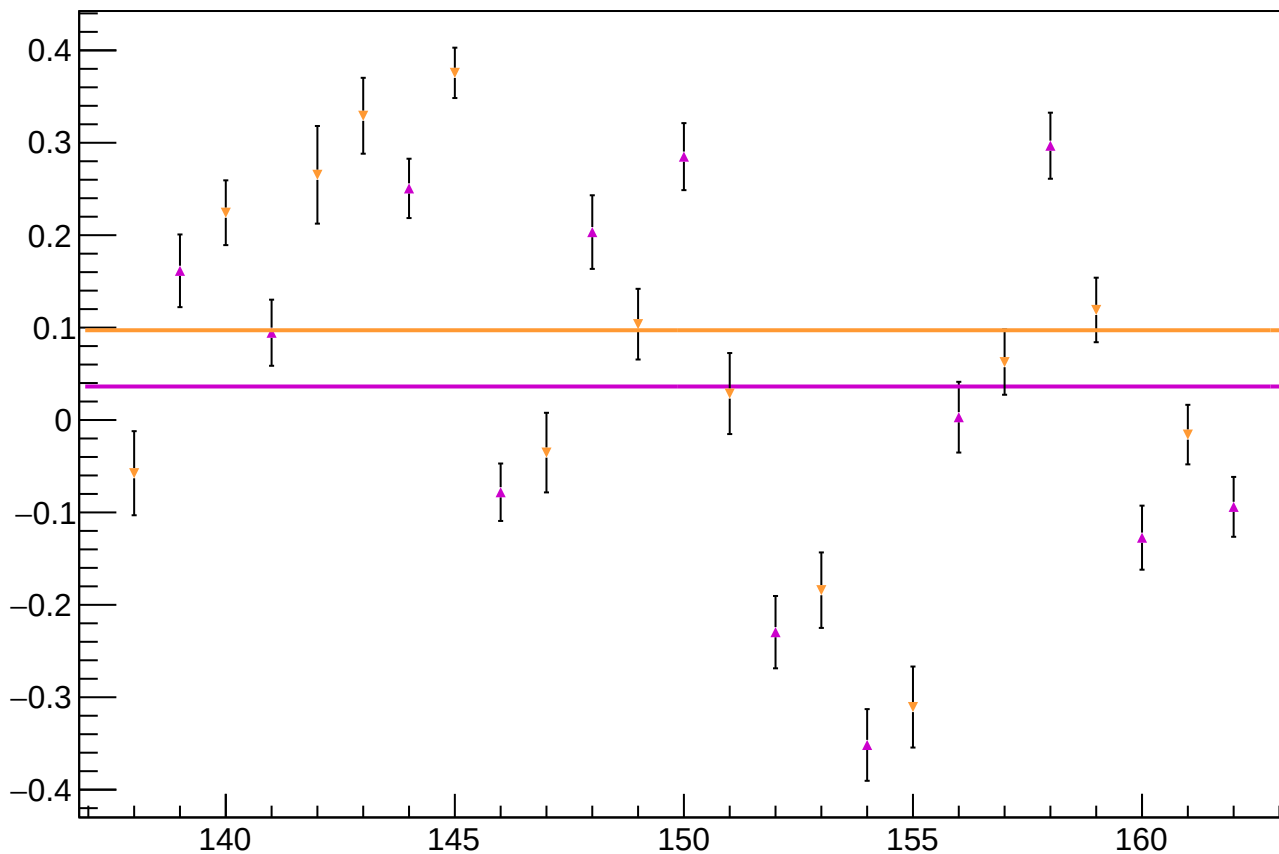
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 63.169 $\pm$ 0.219 χ^2 /NDF:812.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 61.918 $\pm$ 0.215 χ^2 /NDF:589.7/11

Left: 62.531 $\pm$ 0.154 χ^2 /NDF: 1419.1/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 61.918 $\pm$ 0.215 χ^2 /NDF:589.7/11
 Out: 63.169 $\pm$ 0.219 χ^2 /NDF:812.9/12
 All: 62.531 $\pm$ 0.154 χ^2 /NDF: 1419.1/24

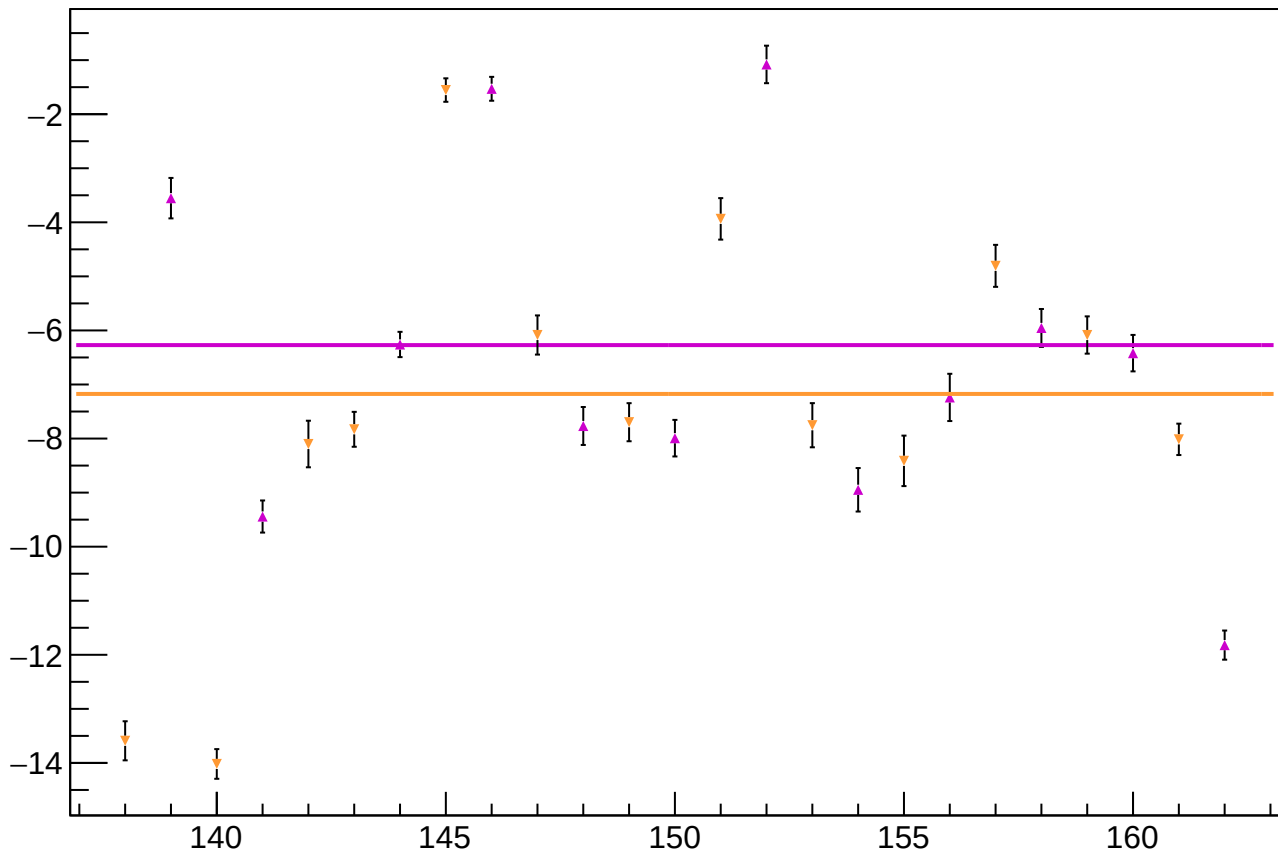
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.097 $\pm$ 0.011 χ^2 /NDF:330.8/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.036 $\pm$ 0.010 χ^2 /NDF:374.0/11

Left: 0.066 $\pm$ 0.007 χ^2 /NDF: 721.9/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.036 $\pm$ 0.010 χ^2 /NDF:374.0/11
 Out: 0.097 $\pm$ 0.011 χ^2 /NDF:330.8/12
 All: 0.066 $\pm$ 0.007 χ^2 /NDF: 721.9/24

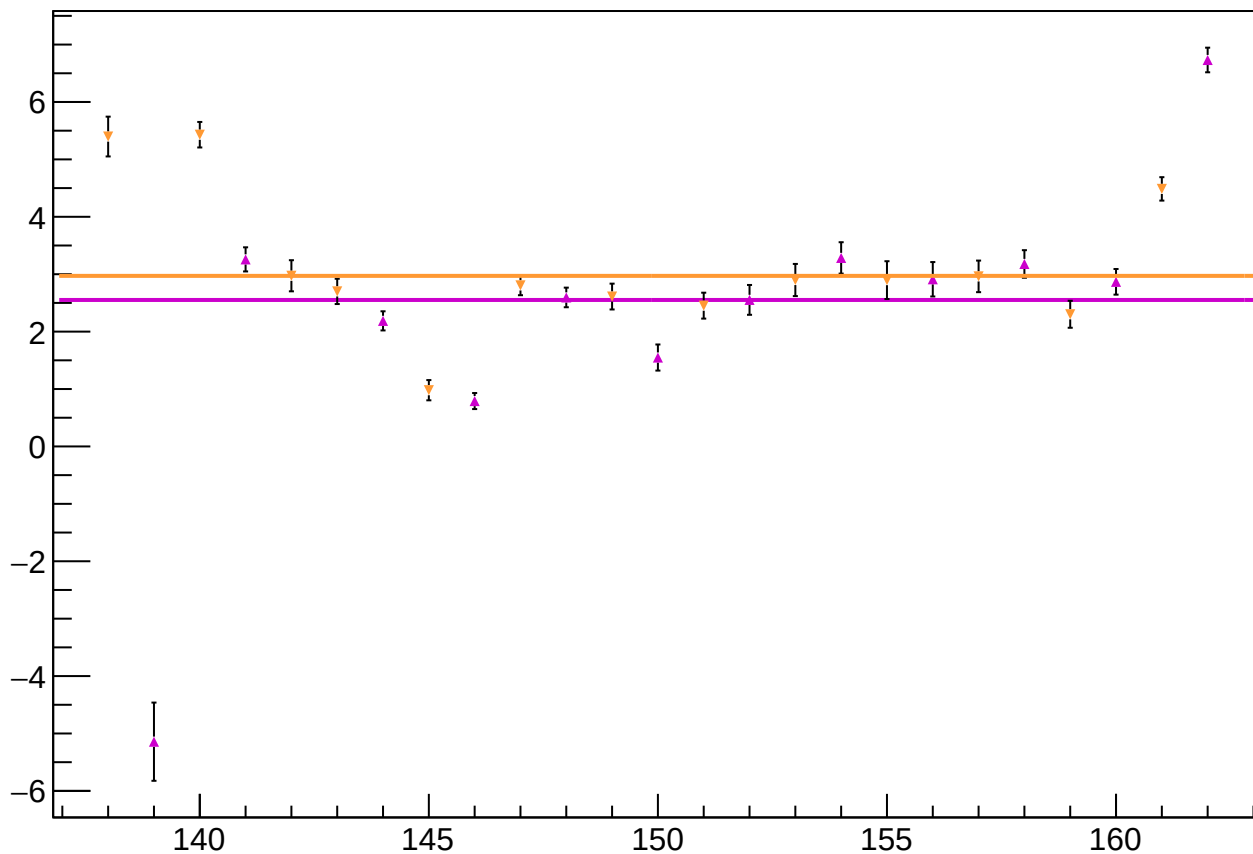
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.175+/-0.092 χ^2/NDF :1762.9/12
 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: -6.709+/-0.064 χ^2/NDF : 3181.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.271+/-0.090 χ^2/NDF :1369.6/11
 Out: -7.175+/-0.092 χ^2/NDF :1762.9/12
 All: -6.709+/-0.064 χ^2/NDF : 3181.7/24

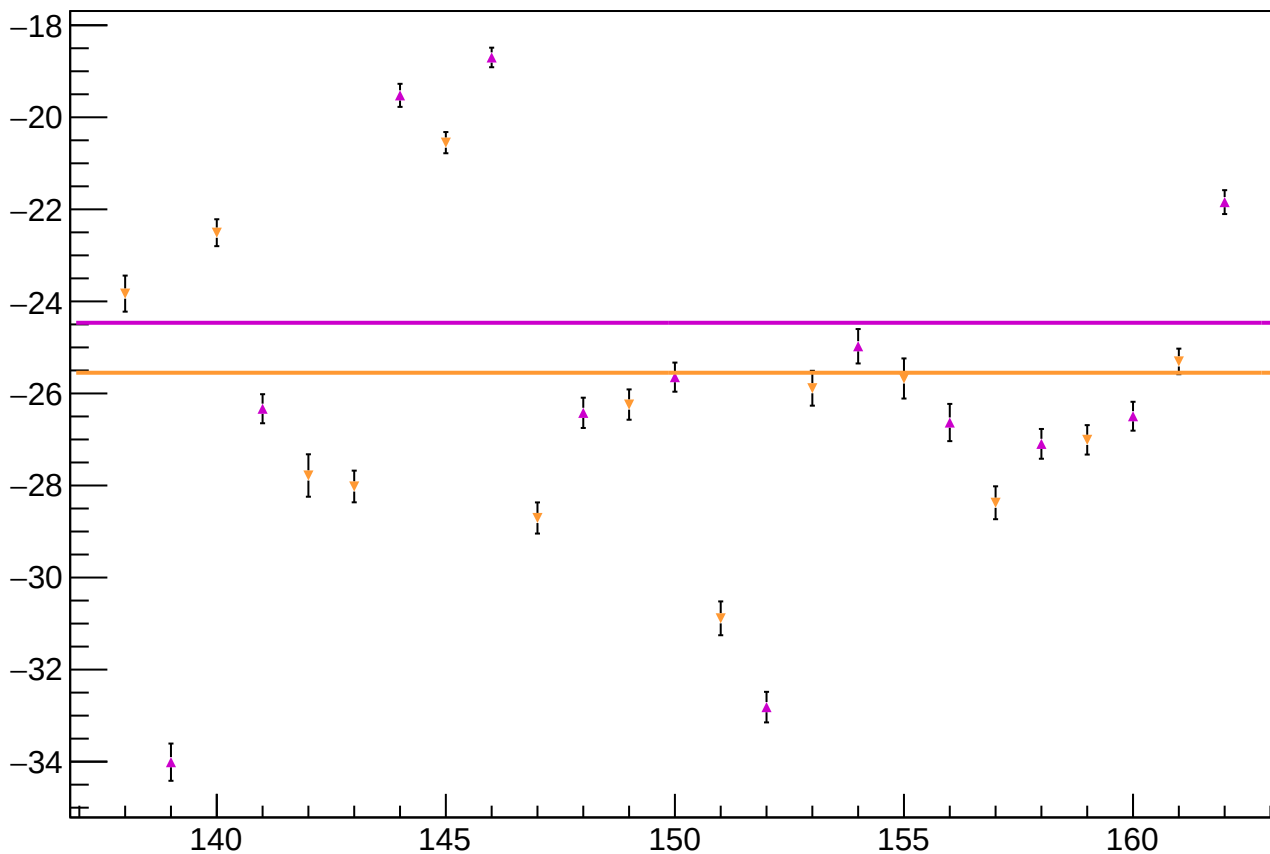
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.971+/-0.064 χ^2/NDF :372.6/12
 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: 2.754+/-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: 2.971+/-0.064 χ^2/NDF :372.6/12
 All: 2.754+/-0.044 χ^2/NDF : 1114.6/24

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

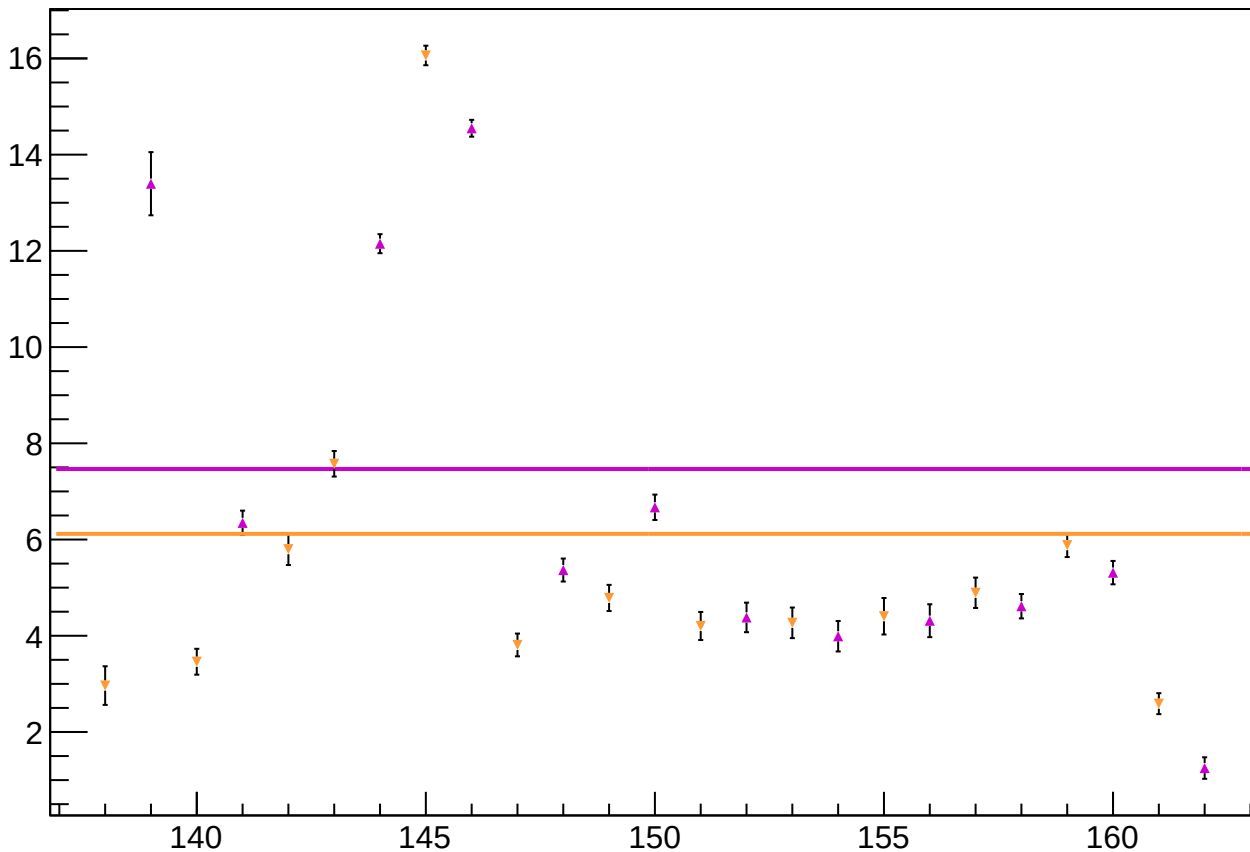


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.550+/-0.092 χ^2/NDF :1060.6/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Left: -24.981+/-0.063 χ^2/NDF : 3772.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.465+/-0.088 χ^2/NDF :2639.0/11
 Out: -25.550+/-0.092 χ^2/NDF :1060.6/12

All: -24.981+/-0.063 χ^2/NDF : 3772.7/24

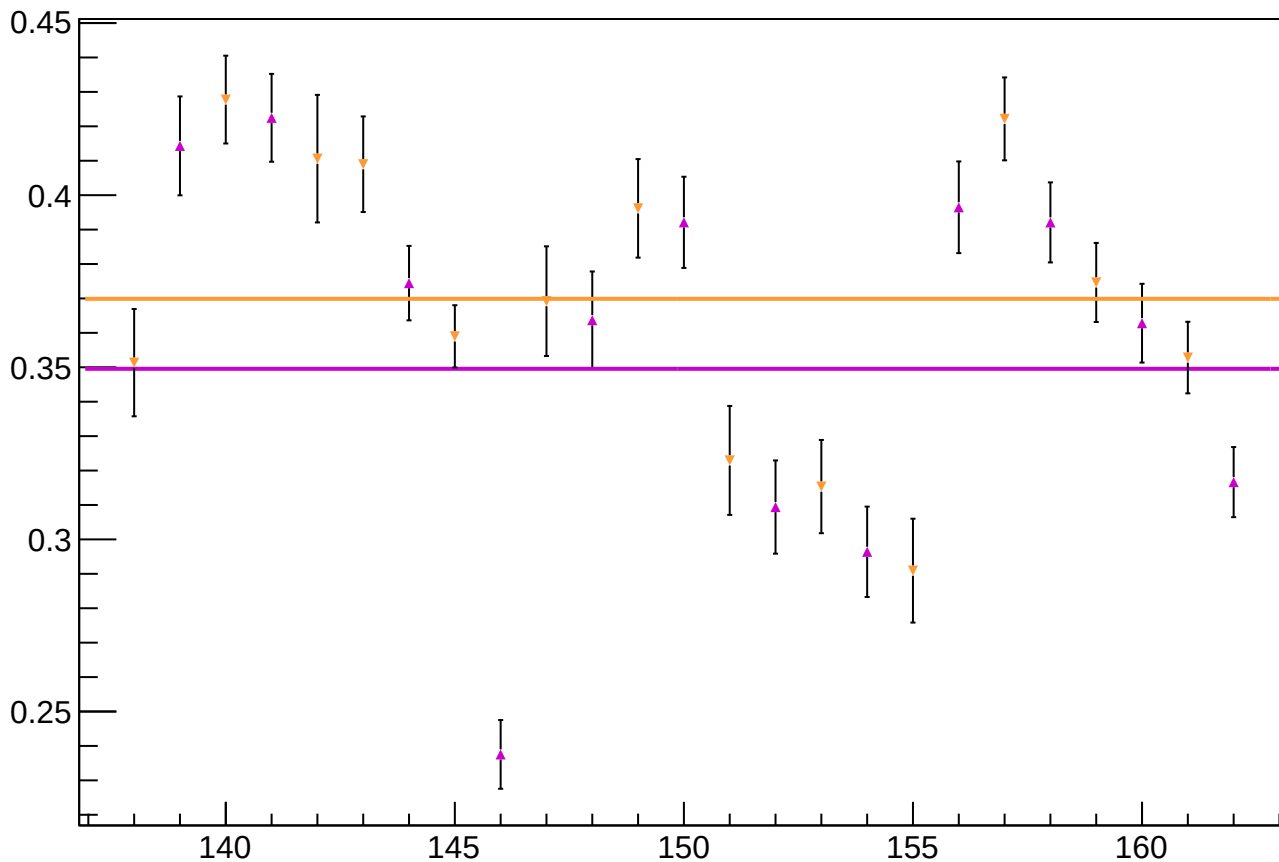
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.118+/-0.076 χ^2/NDF :3079.0/12
 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: 6.819+/-0.052 χ^2/NDF : 6917.5/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.466+/-0.073 χ^2/NDF :3673.3/11
 Out: 6.118+/-0.076 χ^2/NDF :3079.0/12
 All: 6.819+/-0.052 χ^2/NDF : 6917.5/24

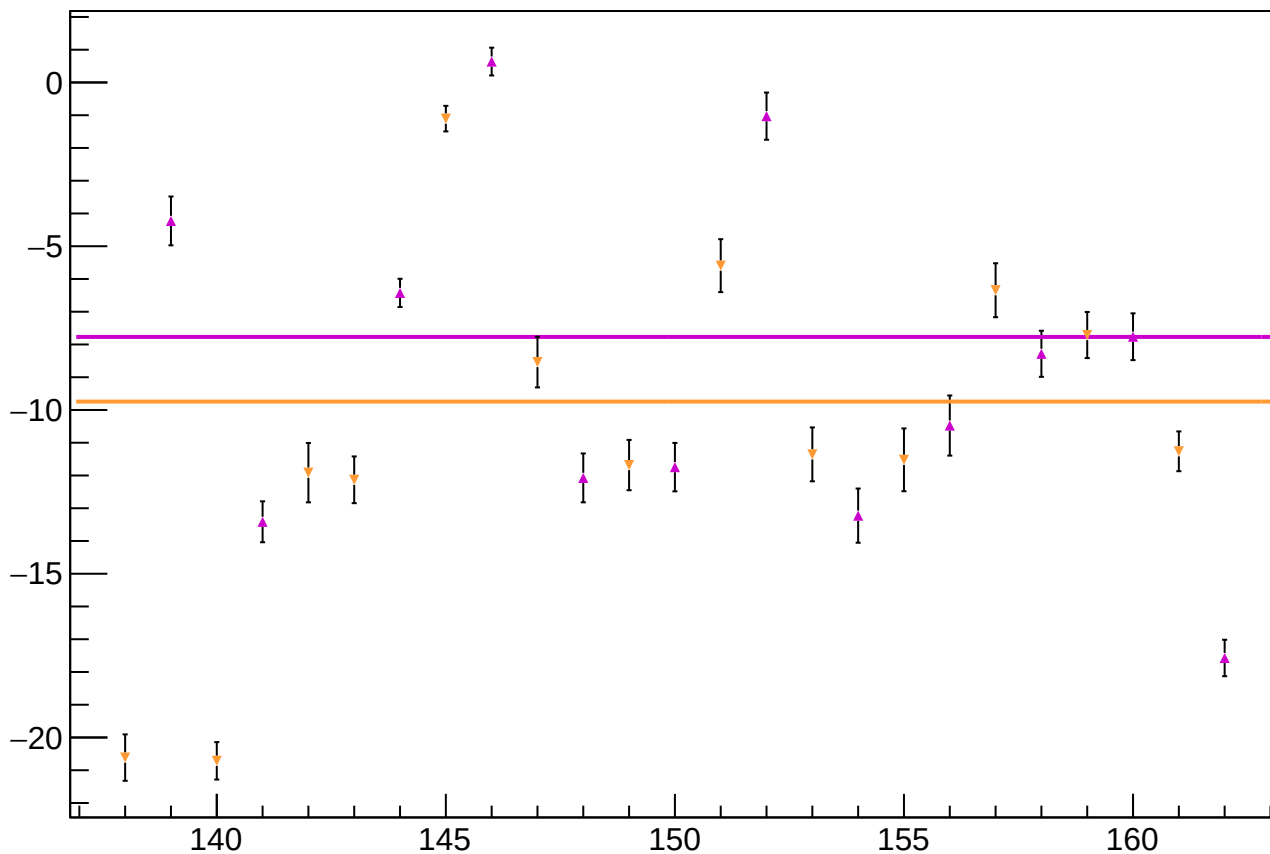
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.370 $\pm$ 0.004 χ^2 /NDF:113.7/12
 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: 388.2/24
 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:113.7/12
 All: 0.359 $\pm$ 0.003 χ^2 /NDF: 388.2/24

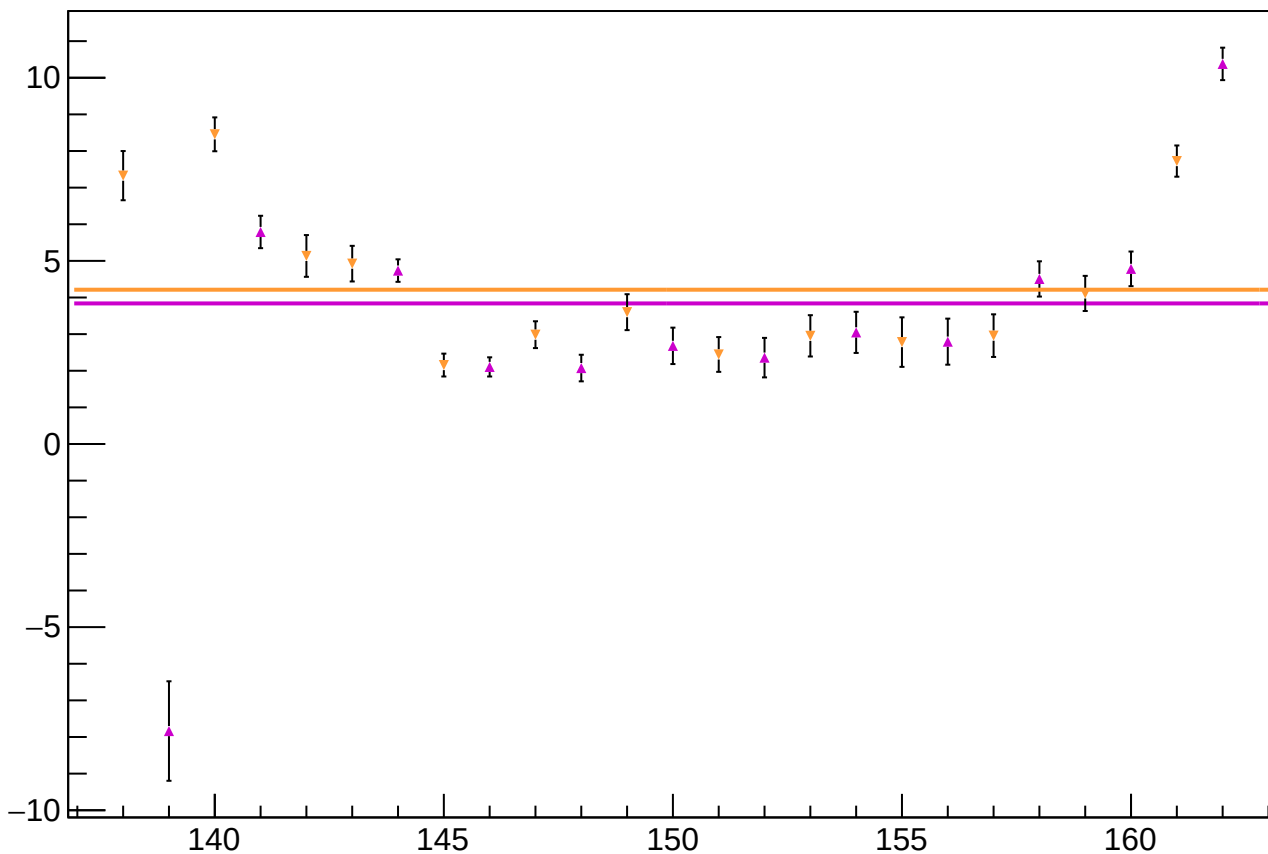
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 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: -8.720+/-0.130 χ^2/NDF : 2262.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.181 χ^2/NDF :1019.0/11
 Out: -9.744+/-0.187 χ^2/NDF :1185.3/12
 All: -8.720+/-0.130 χ^2/NDF : 2262.0/24

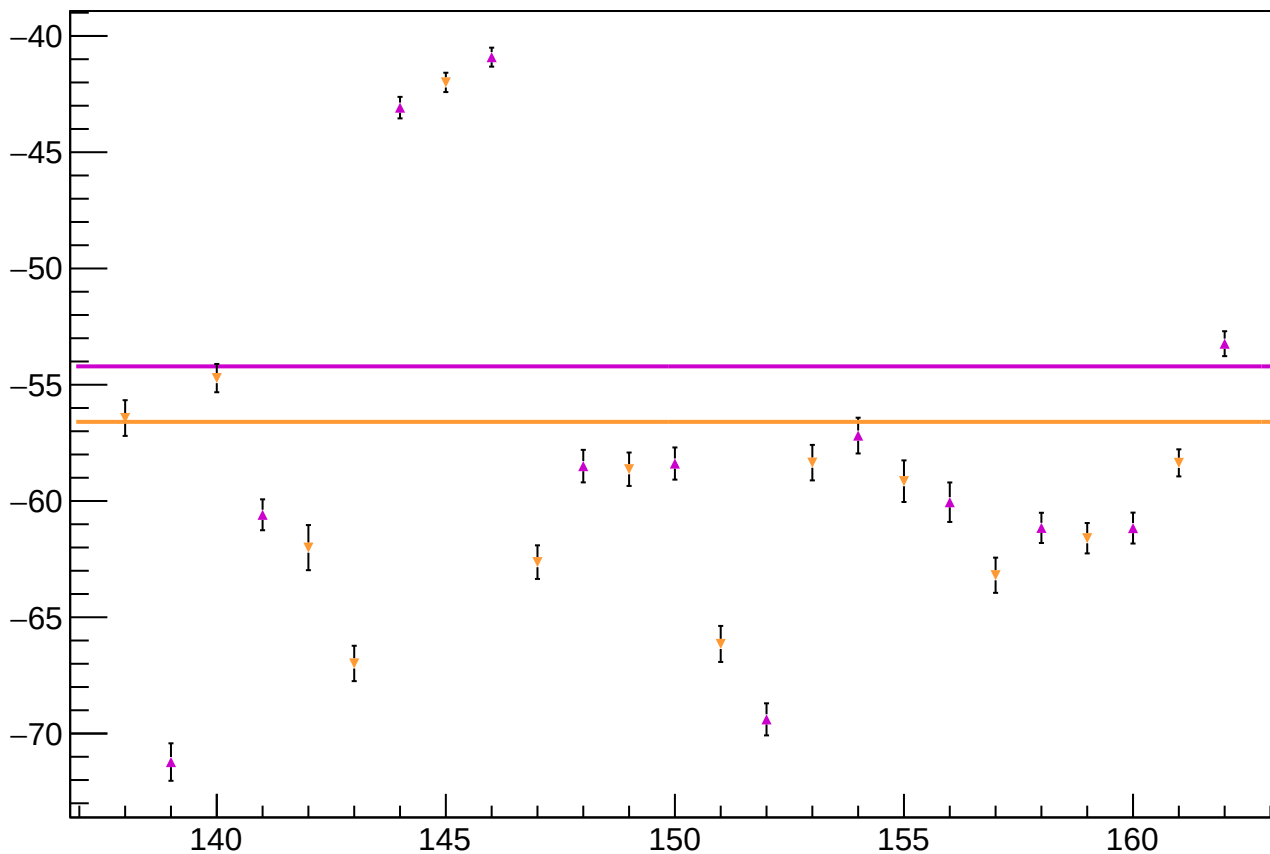
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.213 $\pm$ 0.131 χ^2 /NDF:262.6/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11

Left: 4.015 $\pm$ 0.090 χ^2 /NDF: 677.7/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11
 Out: 4.213 $\pm$ 0.131 χ^2 /NDF:262.6/12
 All: 4.015 $\pm$ 0.090 χ^2 /NDF: 677.7/24

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



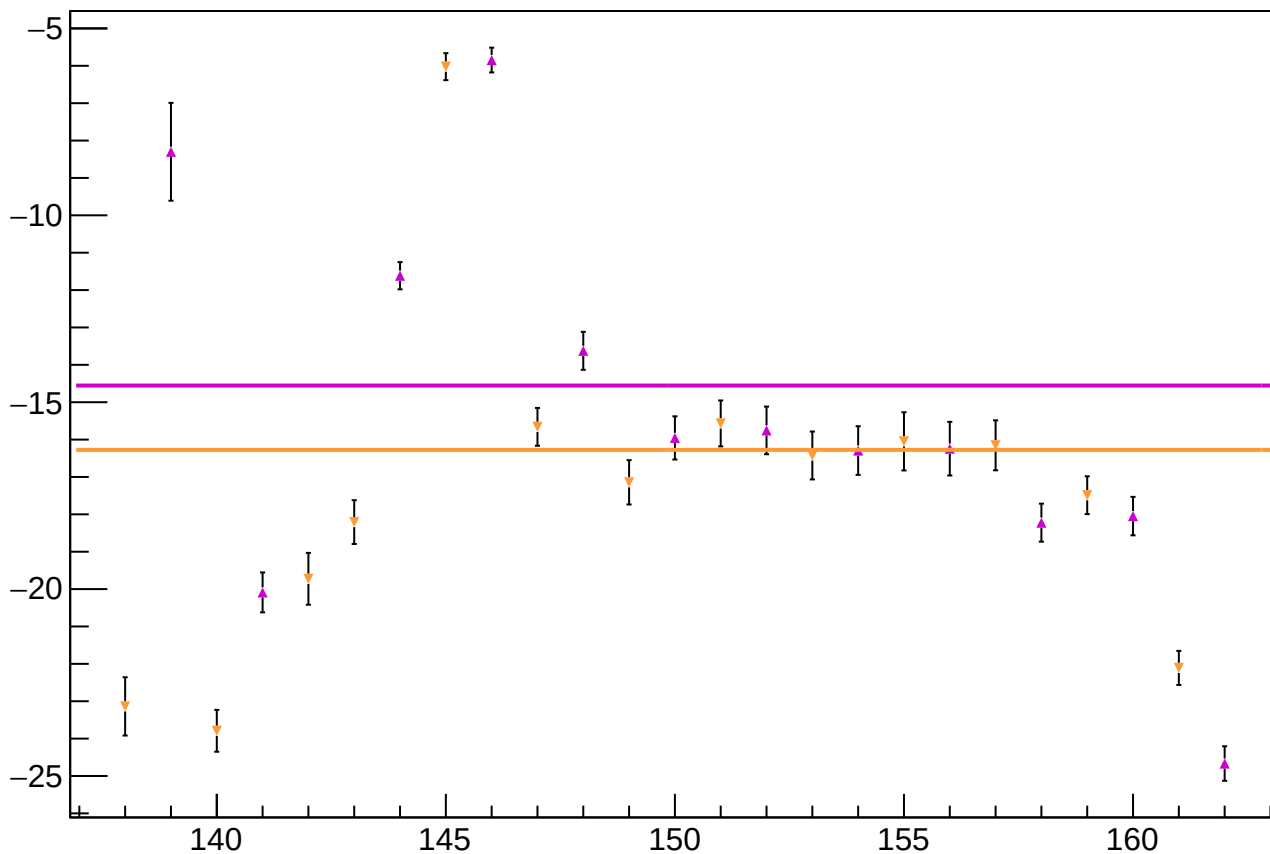
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -56.596+/-0.187 χ^2/NDF :1846.3/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Left: -55.336+/-0.129 χ^2/NDF : 4960.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.210+/-0.177 χ^2/NDF :3028.5/11
 Out: -56.596+/-0.187 χ^2/NDF :1846.3/12

All: -55.336+/-0.129 χ^2/NDF : 4960.6/24

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: -16.275+/-0.154 χ^2/NDF :1274.8/12
 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: -15.368+/-0.106 χ^2/NDF : 2830.1/24

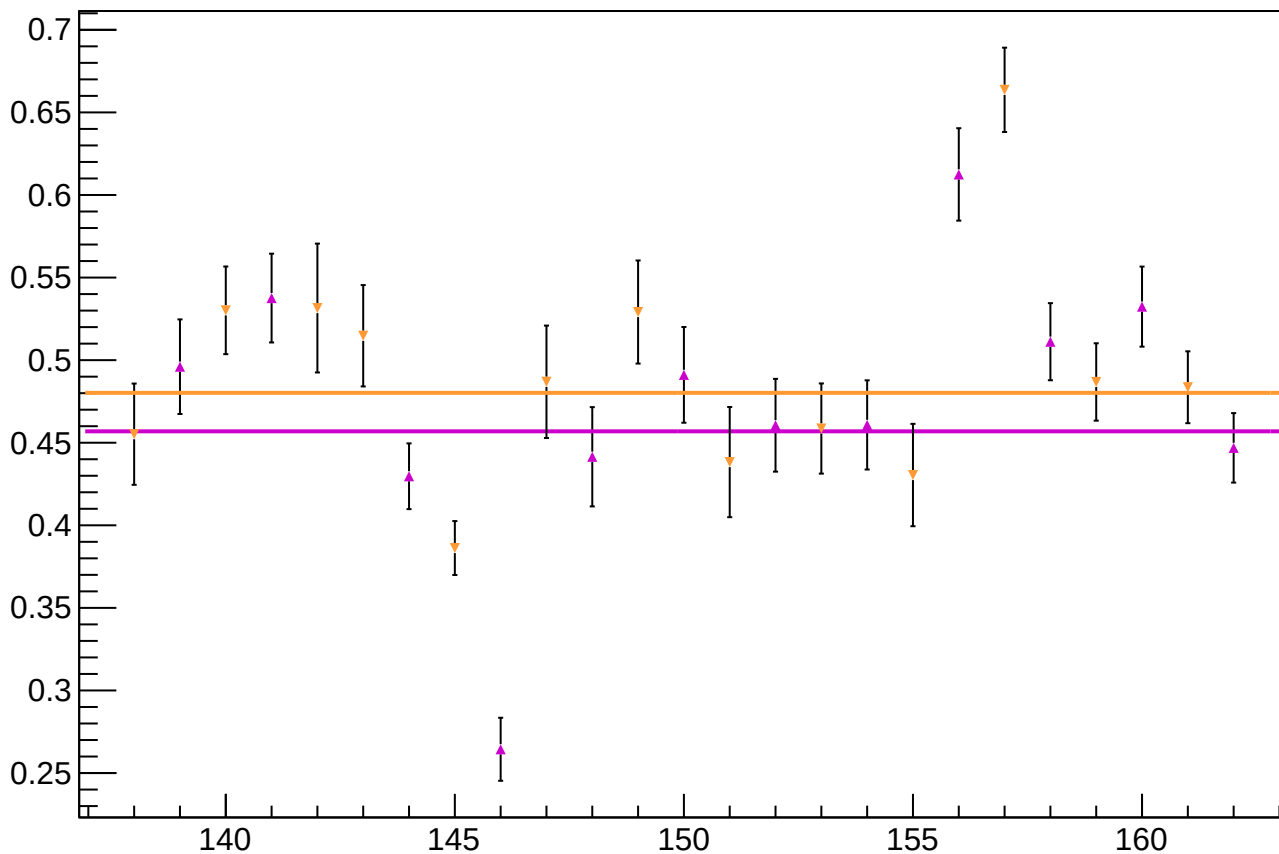
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.555+/-0.146 χ^2/NDF :1489.9/11

Out: -16.275+/-0.154 χ^2/NDF :1274.8/12

All: -15.368+/-0.106 χ^2/NDF : 2830.1/24

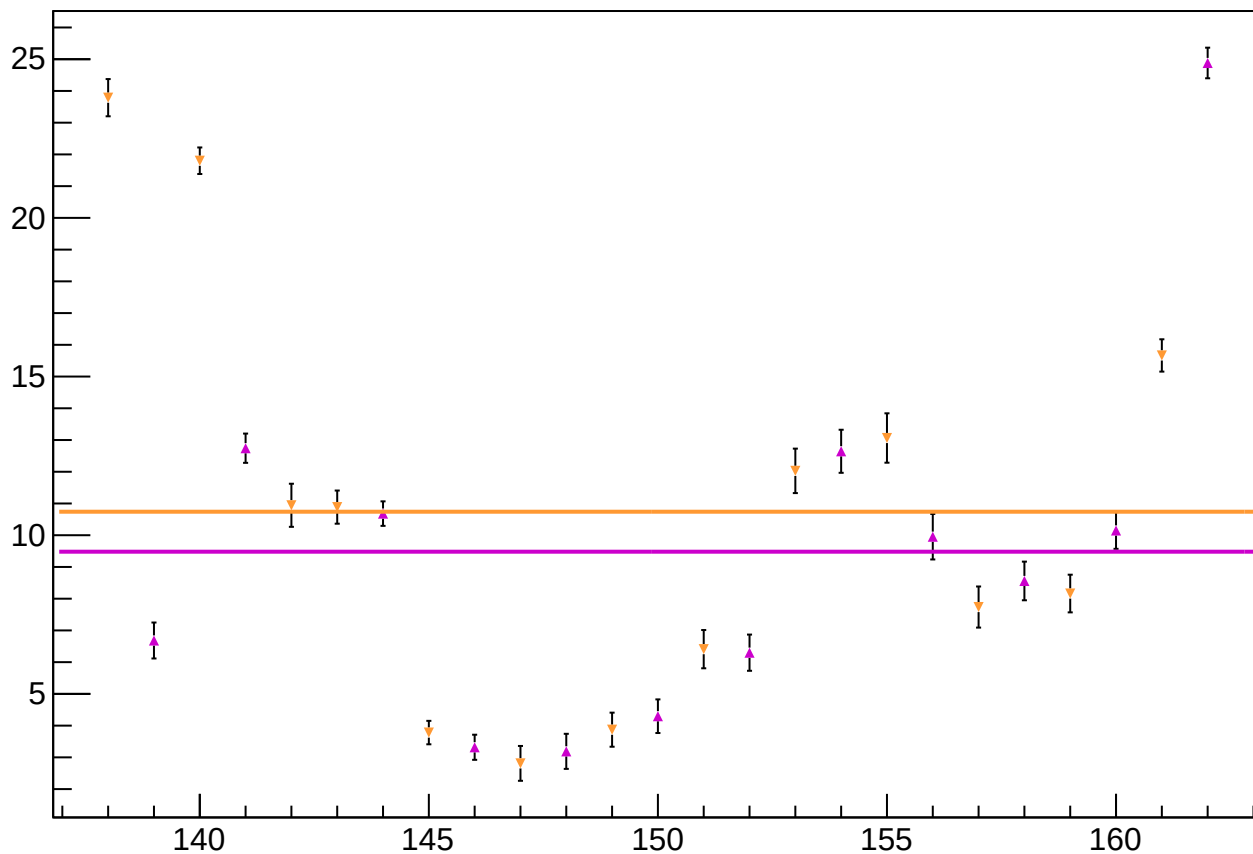
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.480 ± 0.007 χ^2/NDF : 99.4/12
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.457 ± 0.007 χ^2/NDF : 162.4/11

Left: 0.468 ± 0.005 χ^2/NDF : 267.0/24
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.457 ± 0.007 χ^2/NDF : 162.4/11
 Out: 0.480 ± 0.007 χ^2/NDF : 99.4/12
 All: 0.468 ± 0.005 χ^2/NDF : 267.0/24

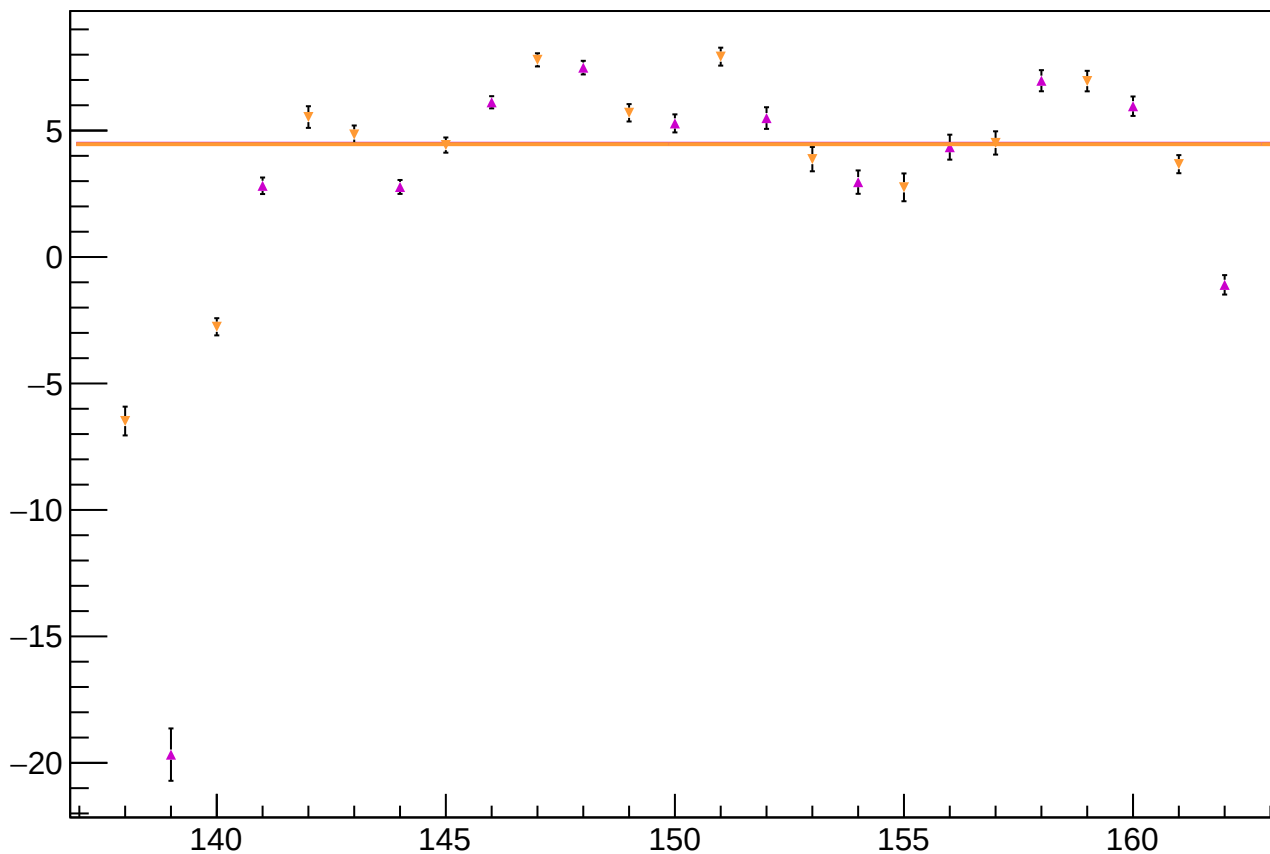
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.741+/-0.151 χ^2/NDF :2118.8/12
 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: 10.105+/-0.106 χ^2/NDF : 3783.0/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.481+/-0.149 χ^2/NDF :1628.9/11
 Out: 10.741+/-0.151 χ^2/NDF :2118.8/12
 All: 10.105+/-0.106 χ^2/NDF : 3783.0/24

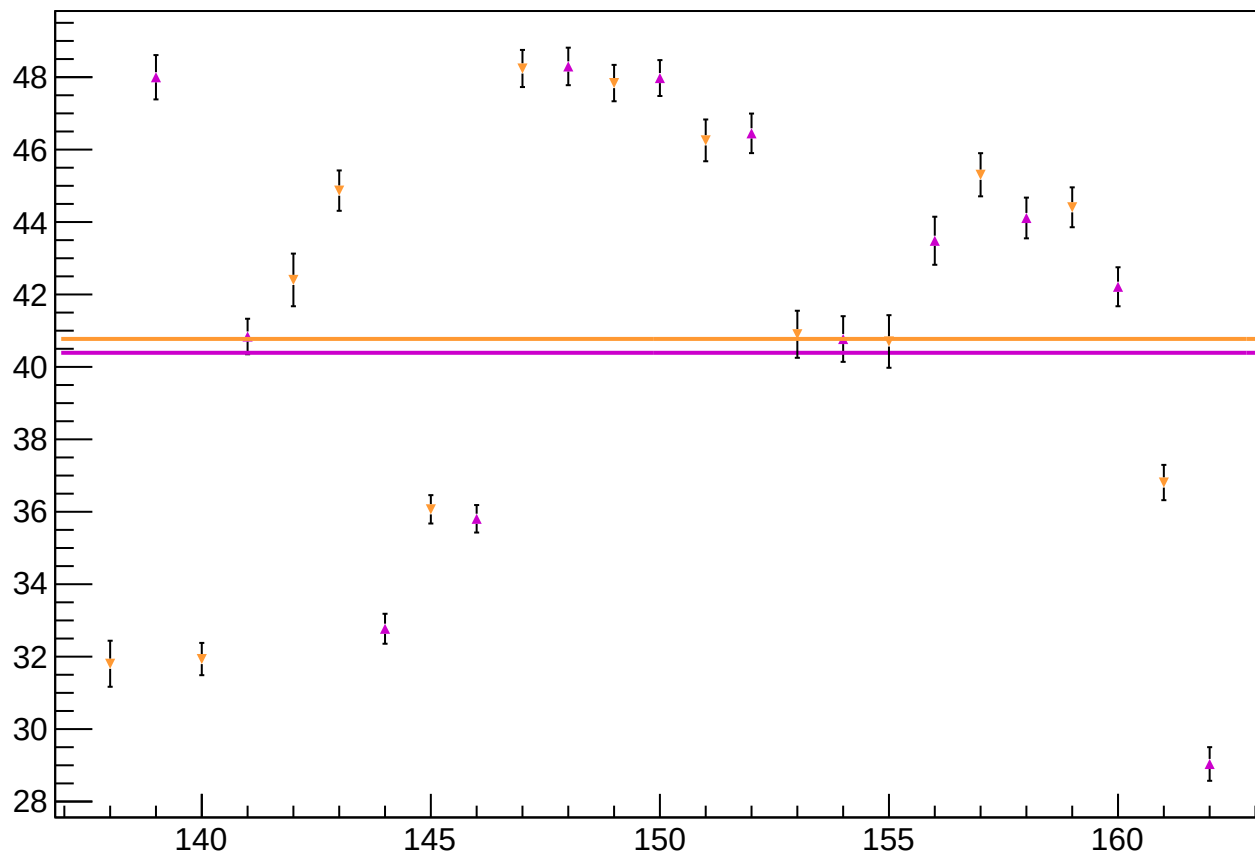
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.462 $\pm$ 0.103 χ^2 /NDF:1154.9/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.476 $\pm$ 0.102 χ^2 /NDF:1062.0/11

Left: 4.469 $\pm$ 0.073 χ^2 /NDF: 2216.9/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.476 $\pm$ 0.102 χ^2 /NDF:1062.0/11
 Out: 4.462 $\pm$ 0.103 χ^2 /NDF:1154.9/12
 All: 4.469 $\pm$ 0.073 χ^2 /NDF: 2216.9/24

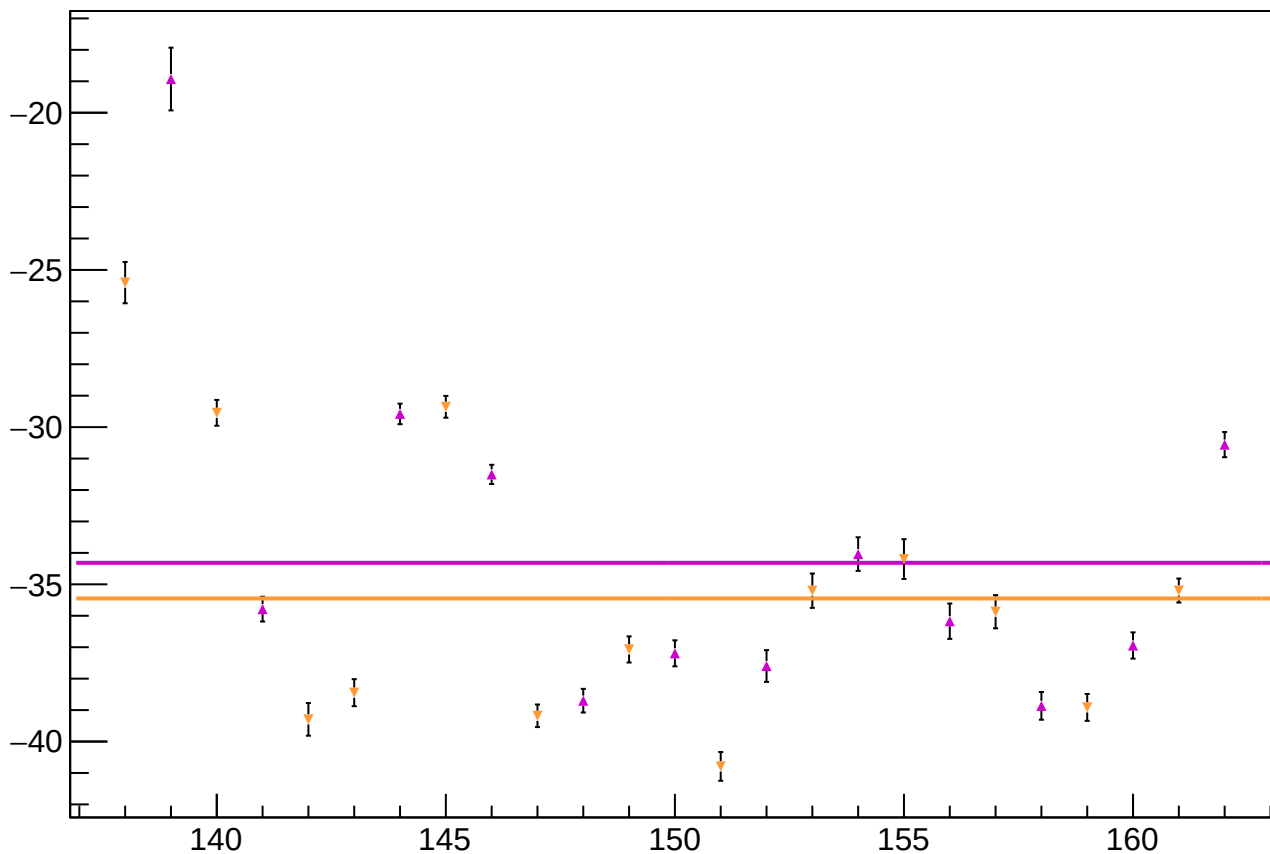
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.773 $\pm$ 0.150 χ^2 /NDF:1464.1/12
 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: 40.576 $\pm$ 0.105 χ^2 /NDF: 3373.2/24
 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: 40.773 $\pm$ 0.150 χ^2 /NDF:1464.1/12
 All: 40.576 $\pm$ 0.105 χ^2 /NDF: 3373.2/24

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.450+/-0.123 χ^2/NDF :1183.8/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.315+/-0.121 χ^2/NDF :1019.0/11

Left: -34.872+/-0.086 χ^2/NDF : 2245.9/24

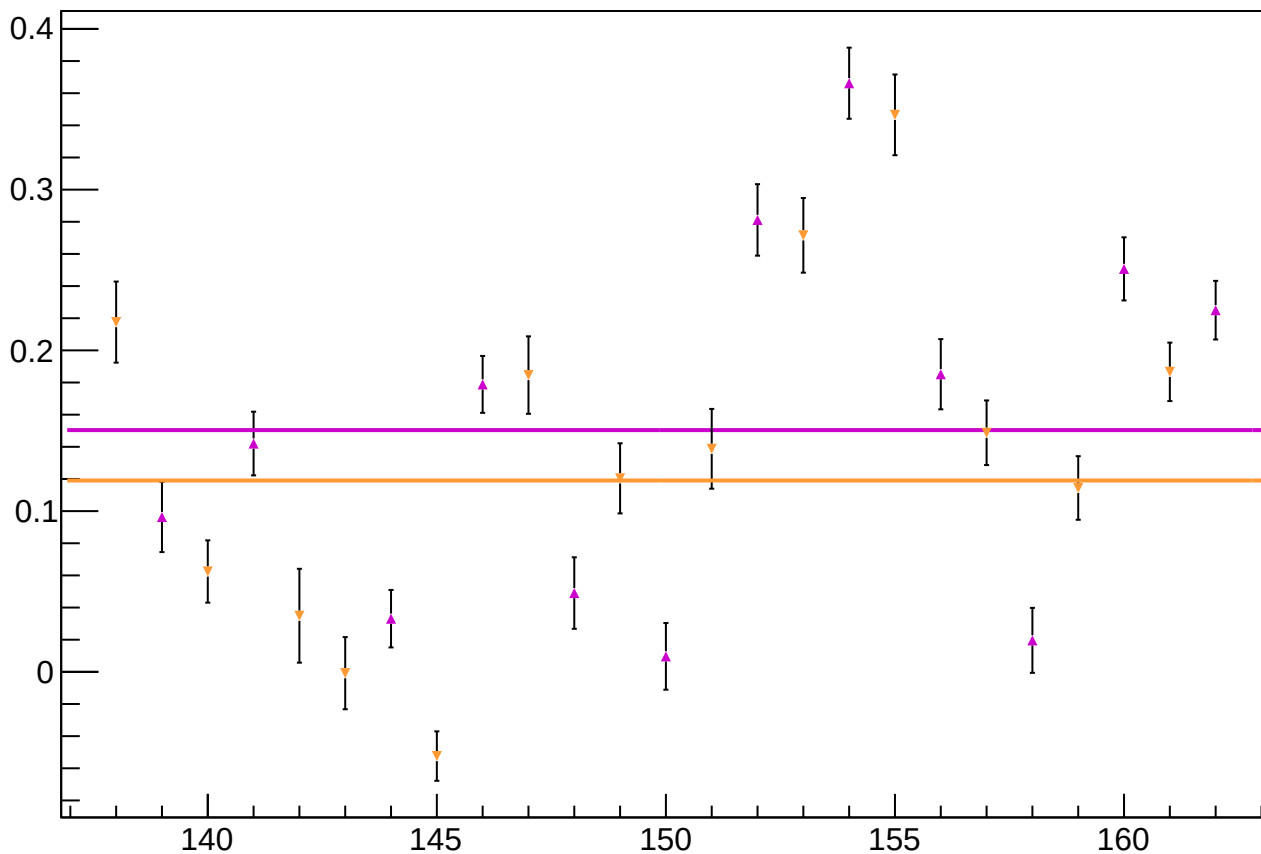
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.315+/-0.121 χ^2/NDF :1019.0/11

Out: -35.450+/-0.123 χ^2/NDF :1183.8/12

All: -34.872+/-0.086 χ^2/NDF : 2245.9/24

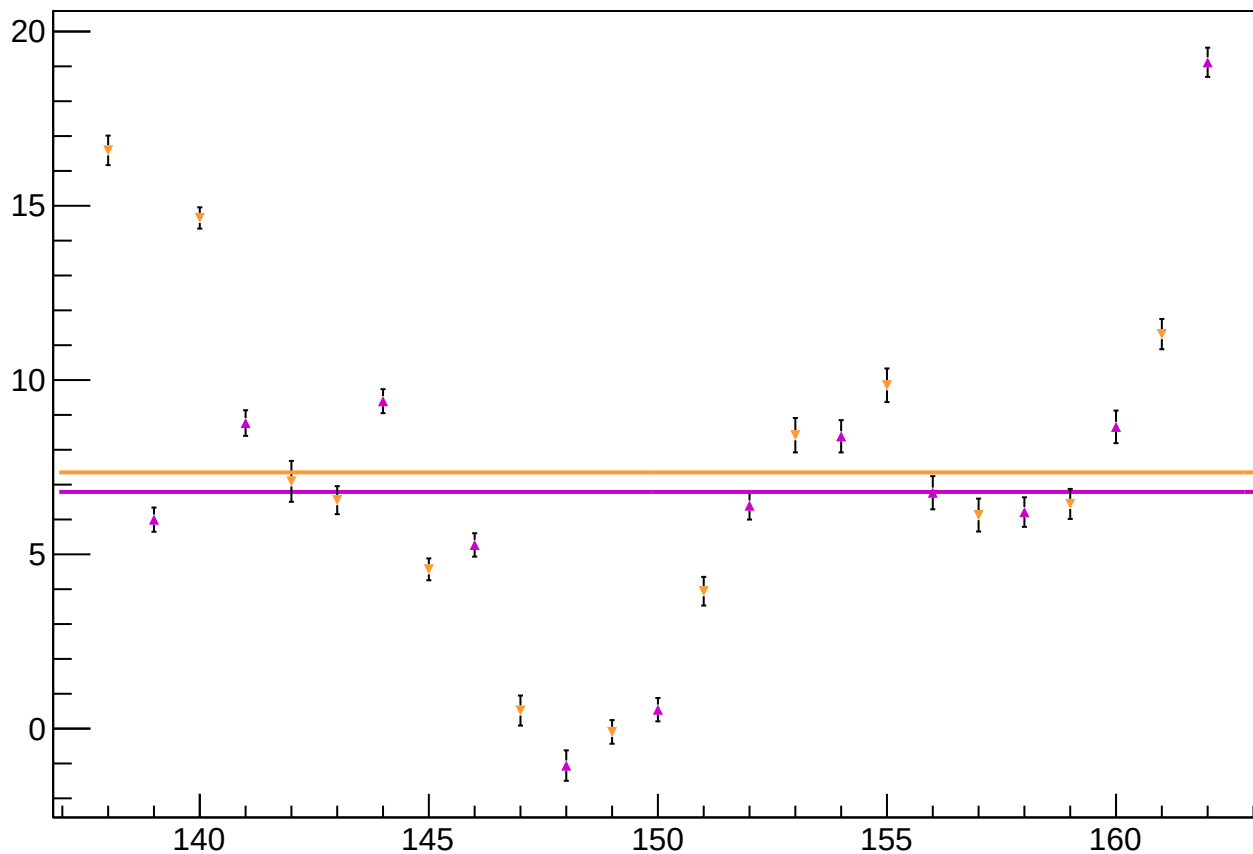
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.119+/-0.006 χ^2/NDF :334.1/12
 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: 0.135+/-0.004 χ^2/NDF : 684.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.150+/-0.006 χ^2/NDF :335.8/11
 Out: 0.119+/-0.006 χ^2/NDF :334.1/12
 All: 0.135+/-0.004 χ^2/NDF : 684.2/24

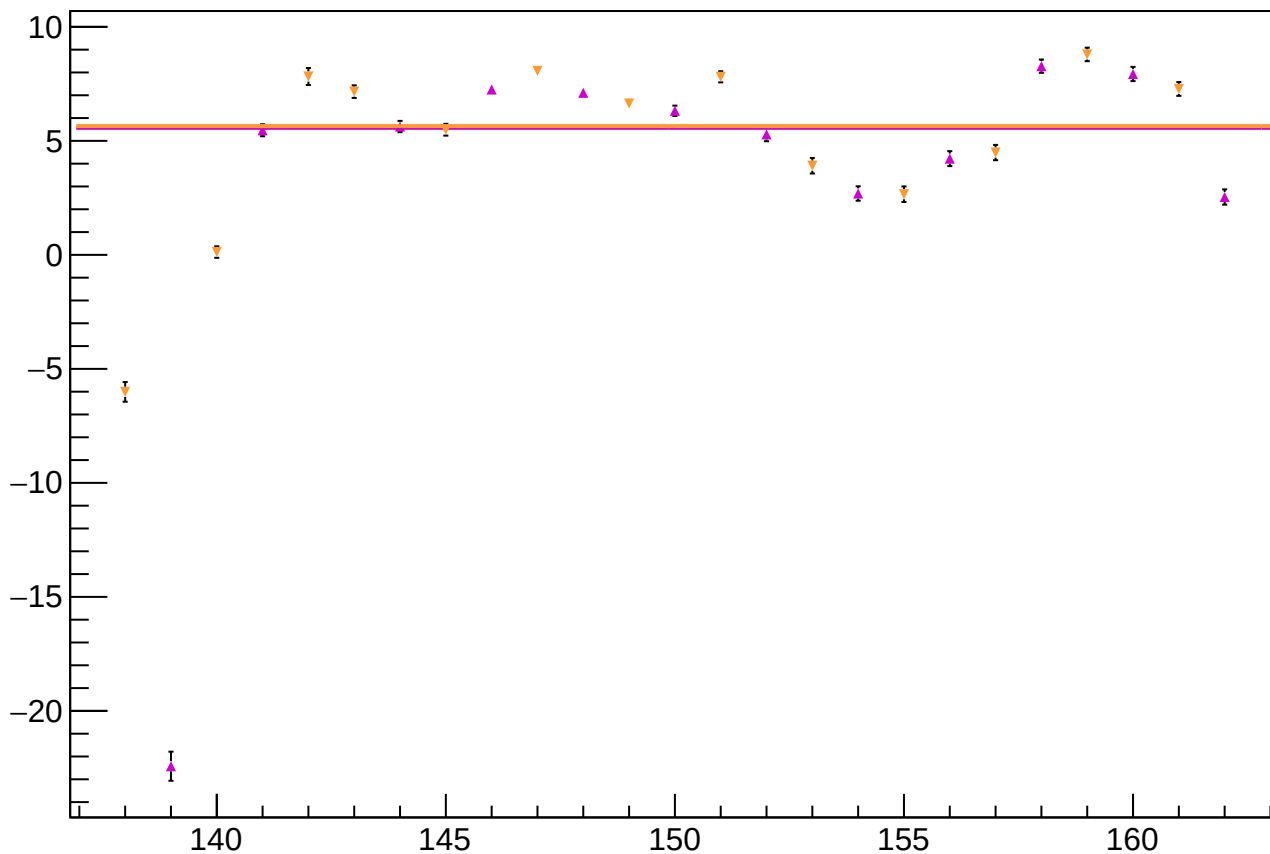
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.351+/-0.112 χ^2/NDF :2058.1/12
 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: 7.072+/-0.080 χ^2/NDF : 3747.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.790+/-0.113 χ^2/NDF :1677.3/11
 Out: 7.351+/-0.112 χ^2/NDF :2058.1/12
 All: 7.072+/-0.080 χ^2/NDF : 3747.8/24

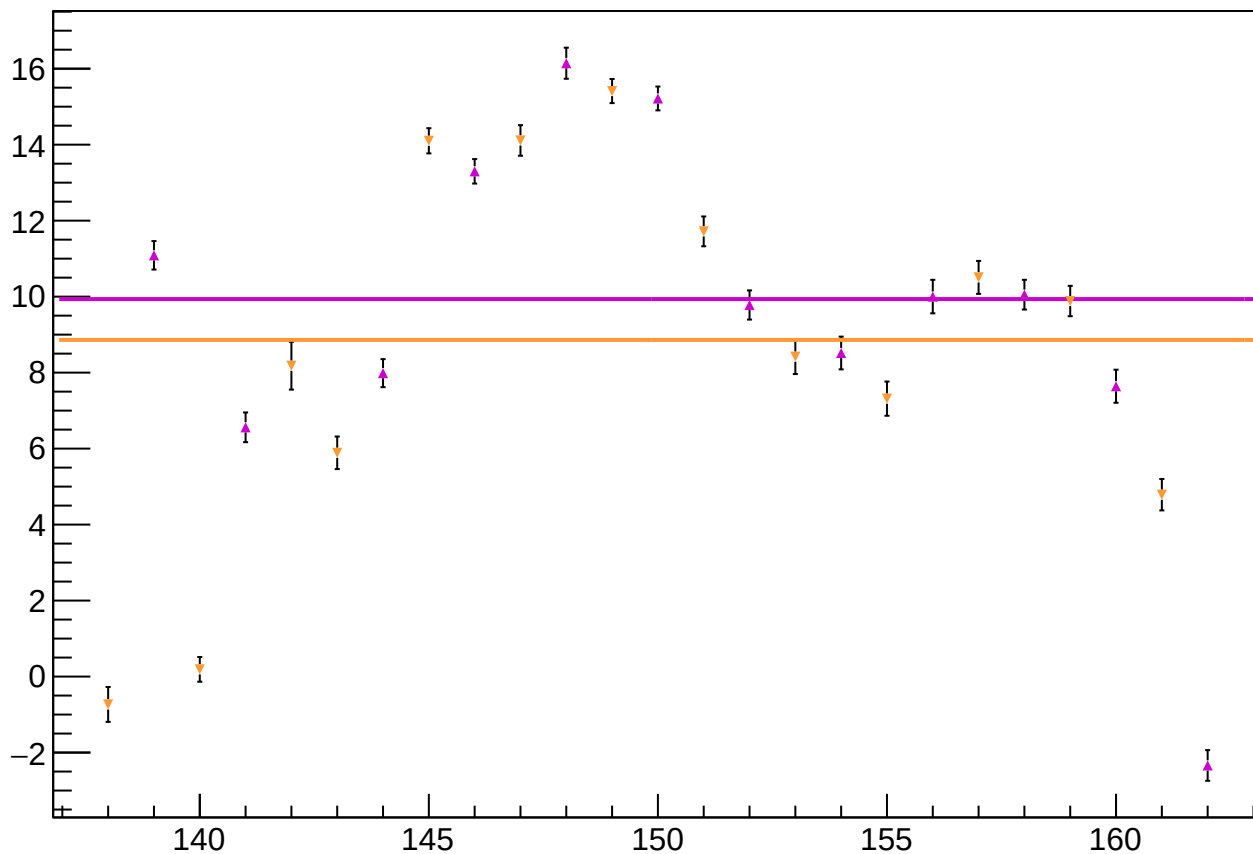
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.649 $\pm$ 0.078 χ^2 /NDF:1764.2/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.573 $\pm$ 0.080 χ^2 /NDF:2370.1/11

Left: 5.612 $\pm$ 0.056 χ^2 /NDF: 4134.8/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.573 $\pm$ 0.080 χ^2 /NDF:2370.1/11
 Out: 5.649 $\pm$ 0.078 χ^2 /NDF:1764.2/12
 All: 5.612 $\pm$ 0.056 χ^2 /NDF: 4134.8/24

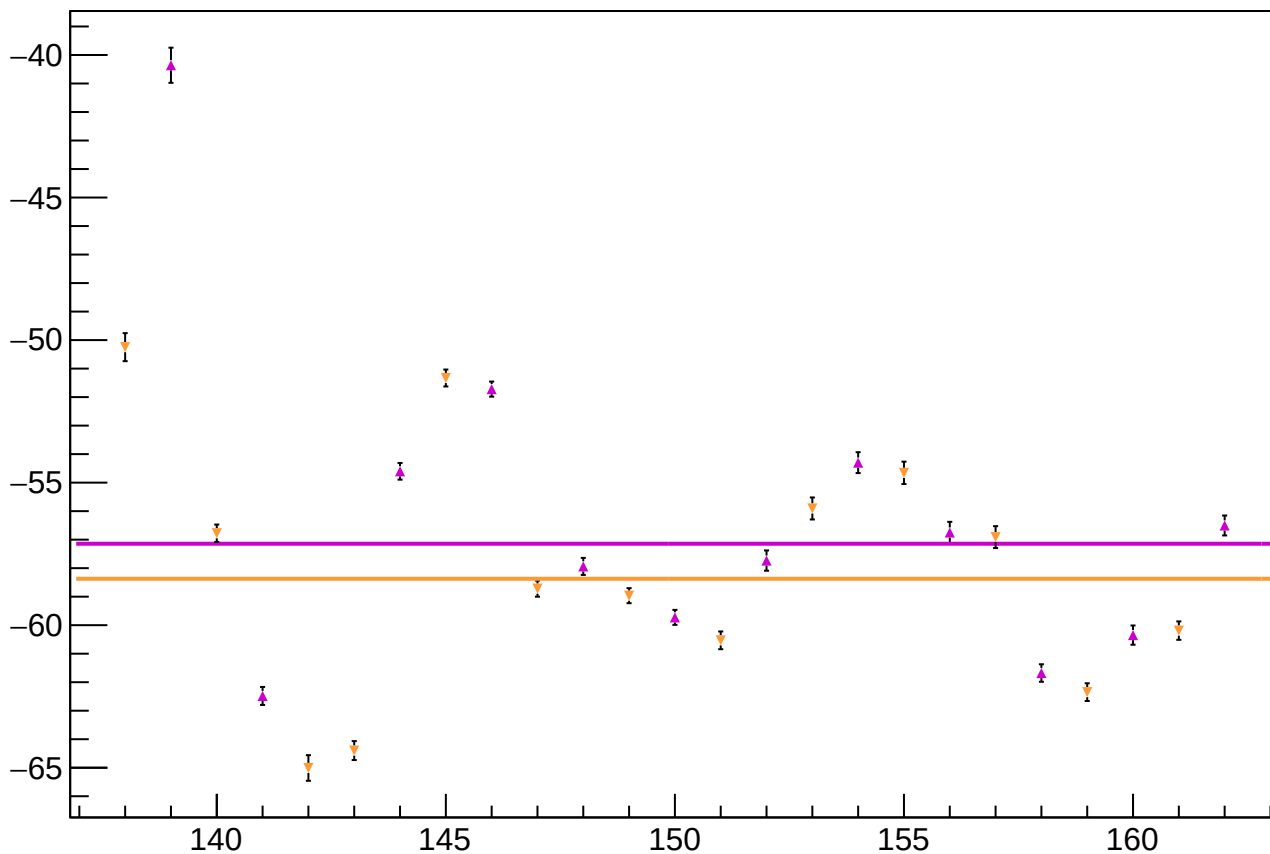
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 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: 9.402+/-0.078 χ^2/NDF : 3971.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.936+/-0.110 χ^2/NDF :1698.0/11
 Out: 8.861+/-0.111 χ^2/NDF :2226.1/12
 All: 9.402+/-0.078 χ^2/NDF : 3971.2/24

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

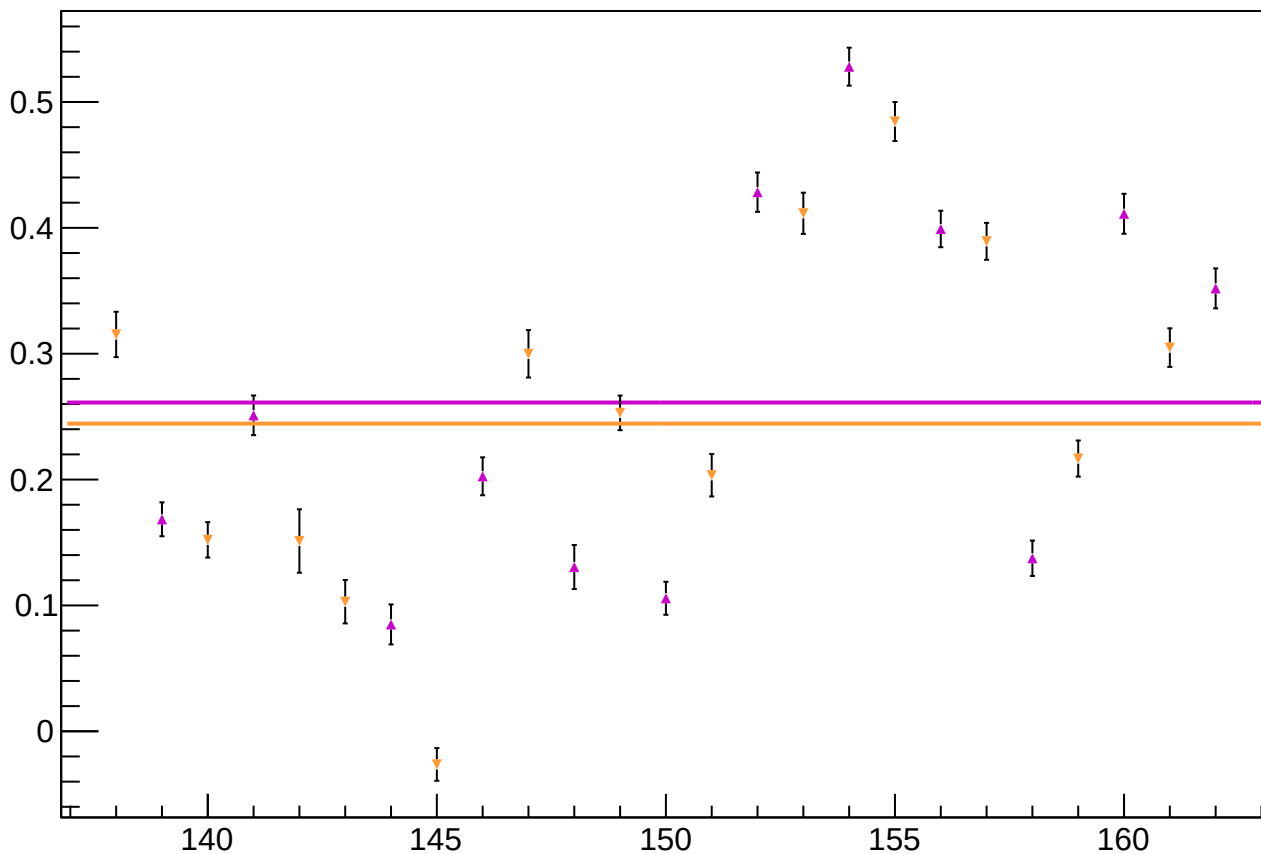


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.372+/-0.092 χ^2/NDF :1804.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.143+/-0.094 χ^2/NDF :2000.9/11

Left: -57.766+/-0.066 χ^2/NDF : 3892.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -57.143+/-0.094 χ^2/NDF :2000.9/11
 Out: -58.372+/-0.092 χ^2/NDF :1804.2/12

All: -57.766+/-0.066 χ^2/NDF : 3892.6/24

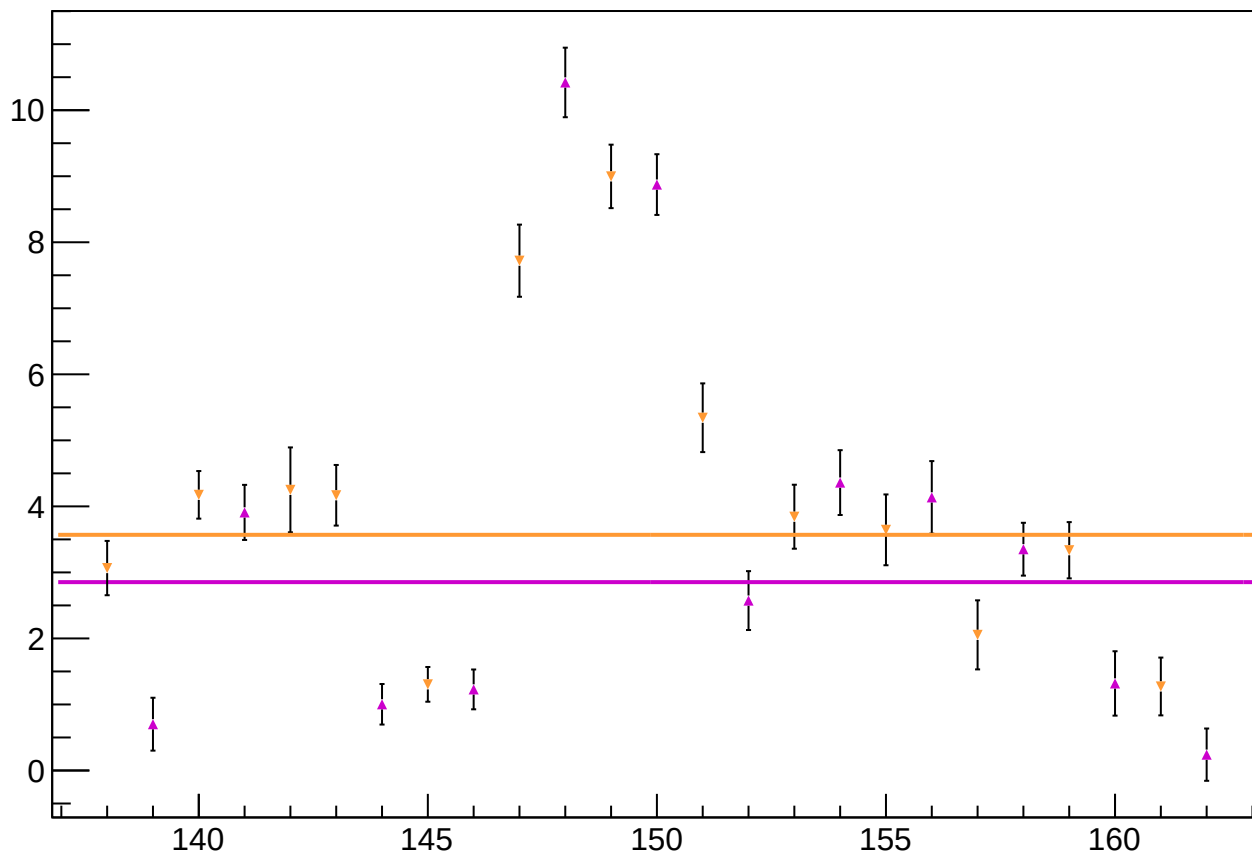
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.244+/-0.004 χ^2/NDF :1048.0/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.261+/-0.004 χ^2/NDF :1100.0/11

Left: 0.253+/-0.003 χ^2/NDF : 2155.4/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.261+/-0.004 χ^2/NDF :1100.0/11
 Out: 0.244+/-0.004 χ^2/NDF :1048.0/12
 All: 0.253+/-0.003 χ^2/NDF : 2155.4/24

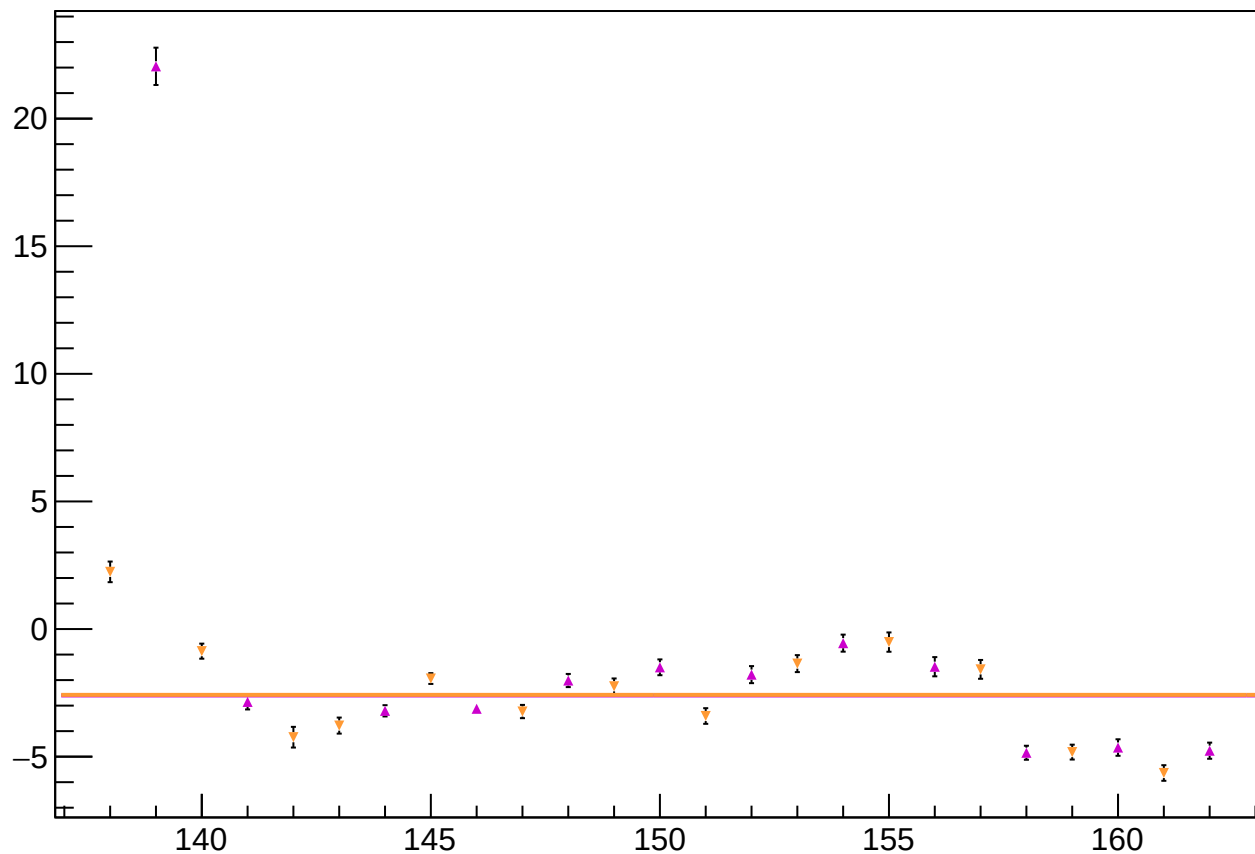
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.569+/-0.121 χ^2/NDF :314.8/12
 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: 3.204+/-0.085 χ^2/NDF : 881.5/24
 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 :314.8/12
 All: 3.204+/-0.085 χ^2/NDF : 881.5/24

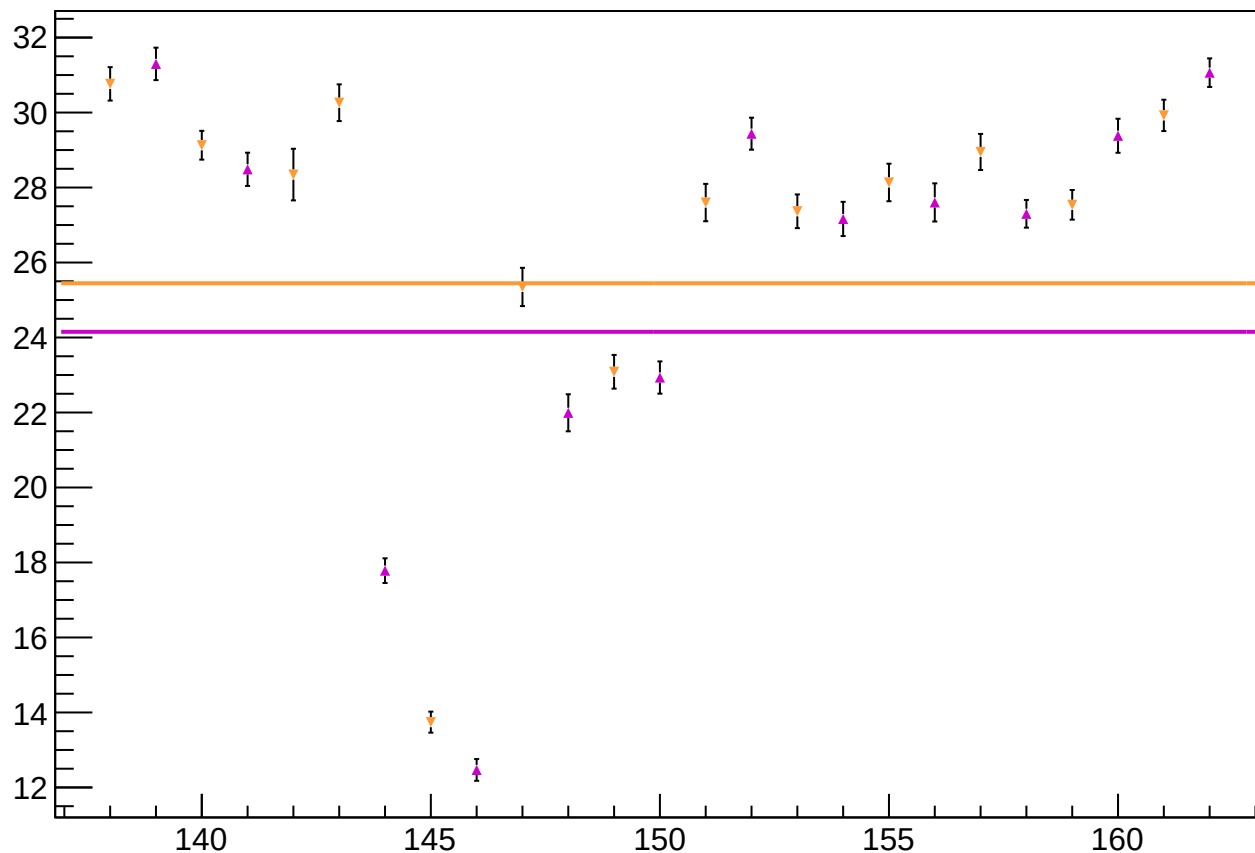
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.579 $\pm$ 0.085 χ^2 /NDF:441.3/12
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.602 $\pm$ 0.083 χ^2 /NDF:1376.4/11

Left: -2.591 $\pm$ 0.060 χ^2 /NDF: 1817.8/24
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.602 $\pm$ 0.083 χ^2 /NDF:1376.4/11
 Out: -2.579 $\pm$ 0.085 χ^2 /NDF:441.3/12
 All: -2.591 $\pm$ 0.060 χ^2 /NDF: 1817.8/24

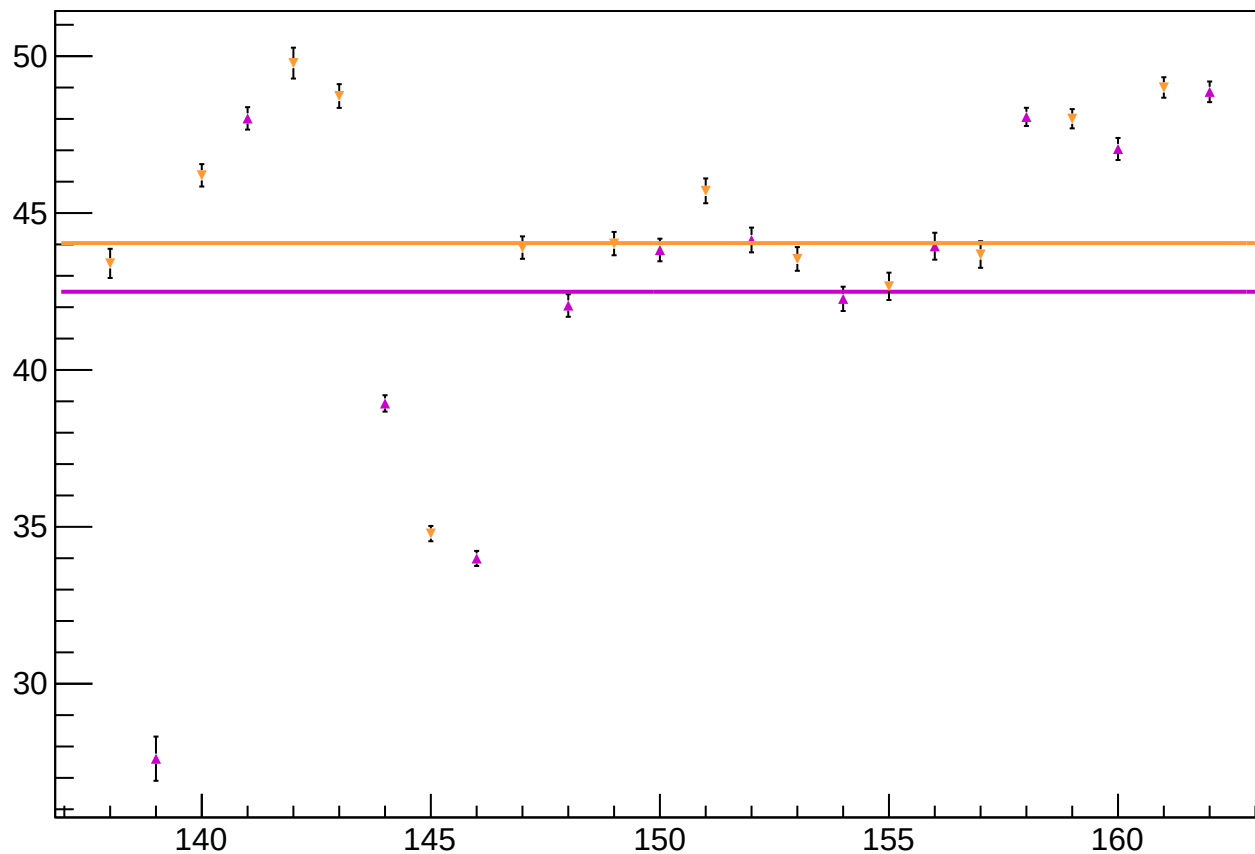
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 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: 24.776+/-0.084 χ^2/NDF : 5610.6/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.152+/-0.116 χ^2/NDF :3169.6/11
 Out: 25.447+/-0.120 χ^2/NDF :2381.0/12
 All: 24.776+/-0.084 χ^2/NDF : 5610.6/24

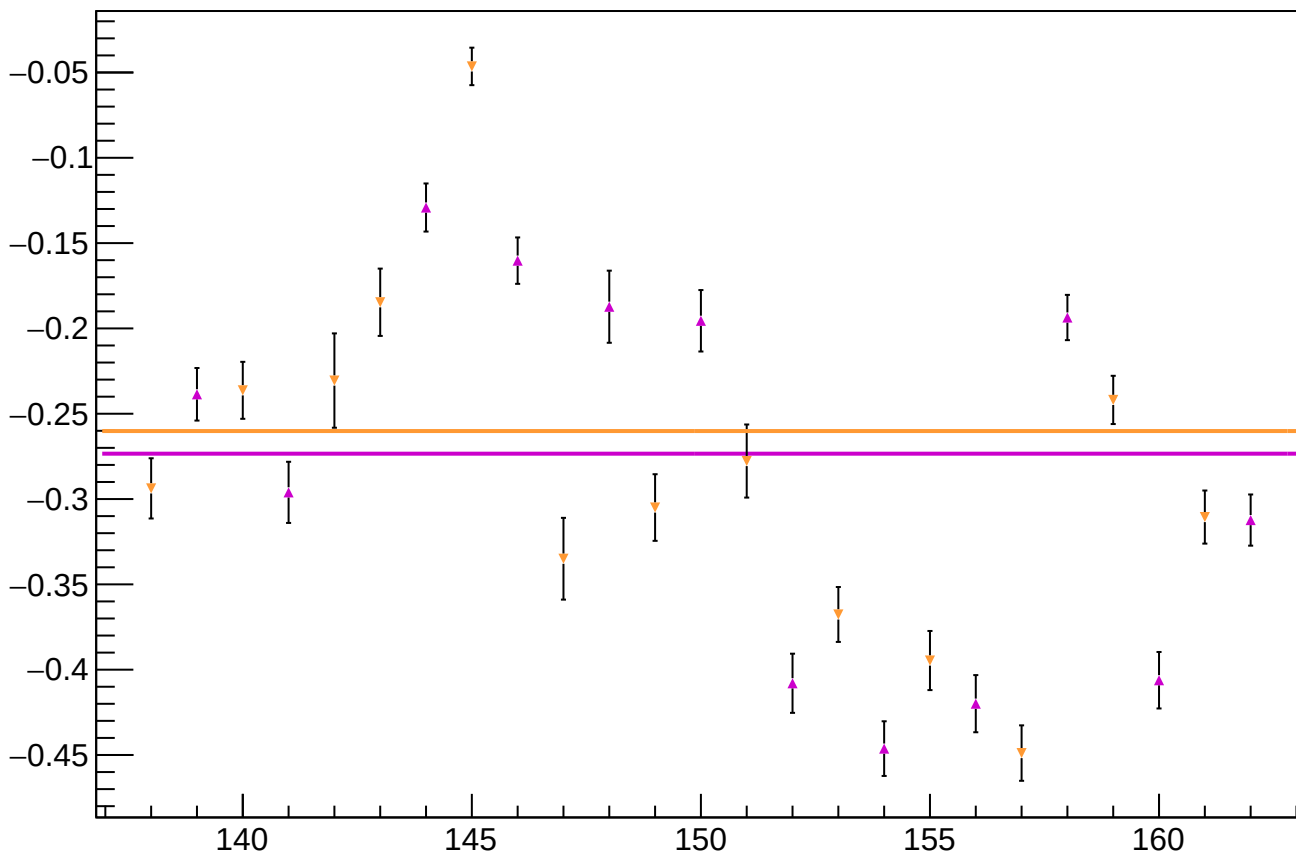
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 44.043+/-0.100 χ^2/NDF :2195.7/12
 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: 43.247+/-0.070 χ^2/NDF : 5395.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.492+/-0.098 χ^2/NDF :3076.5/11
 Out: 44.043+/-0.100 χ^2/NDF :2195.7/12
 All: 43.247+/-0.070 χ^2/NDF : 5395.2/24

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

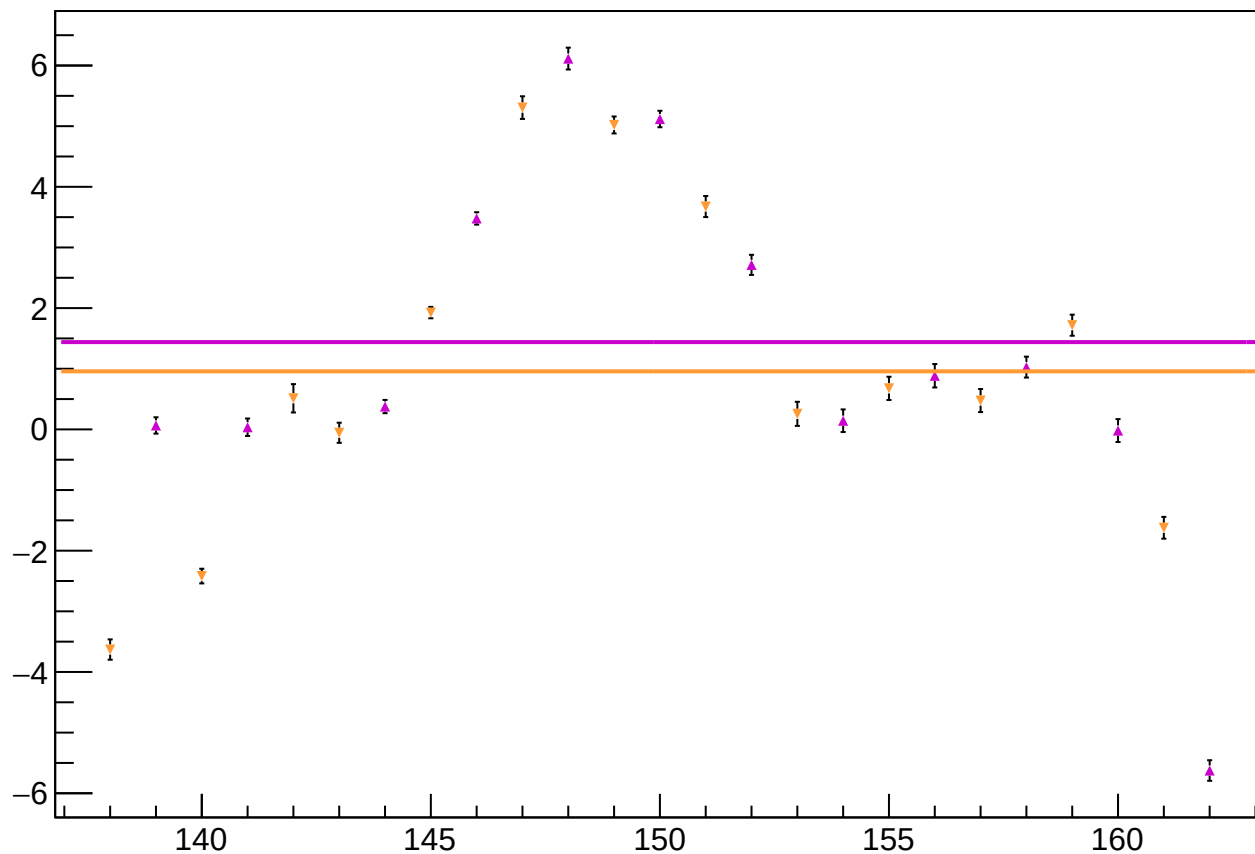


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.260+/-0.005 χ^2/NDF : 667.7/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.273+/-0.005 χ^2/NDF : 576.4/11

Left: -0.267+/-0.003 χ^2/NDF : 1248.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.273+/-0.005 χ^2/NDF : 576.4/11
 Out: -0.260+/-0.005 χ^2/NDF : 667.7/12

All: -0.267+/-0.003 χ^2/NDF : 1248.2/24

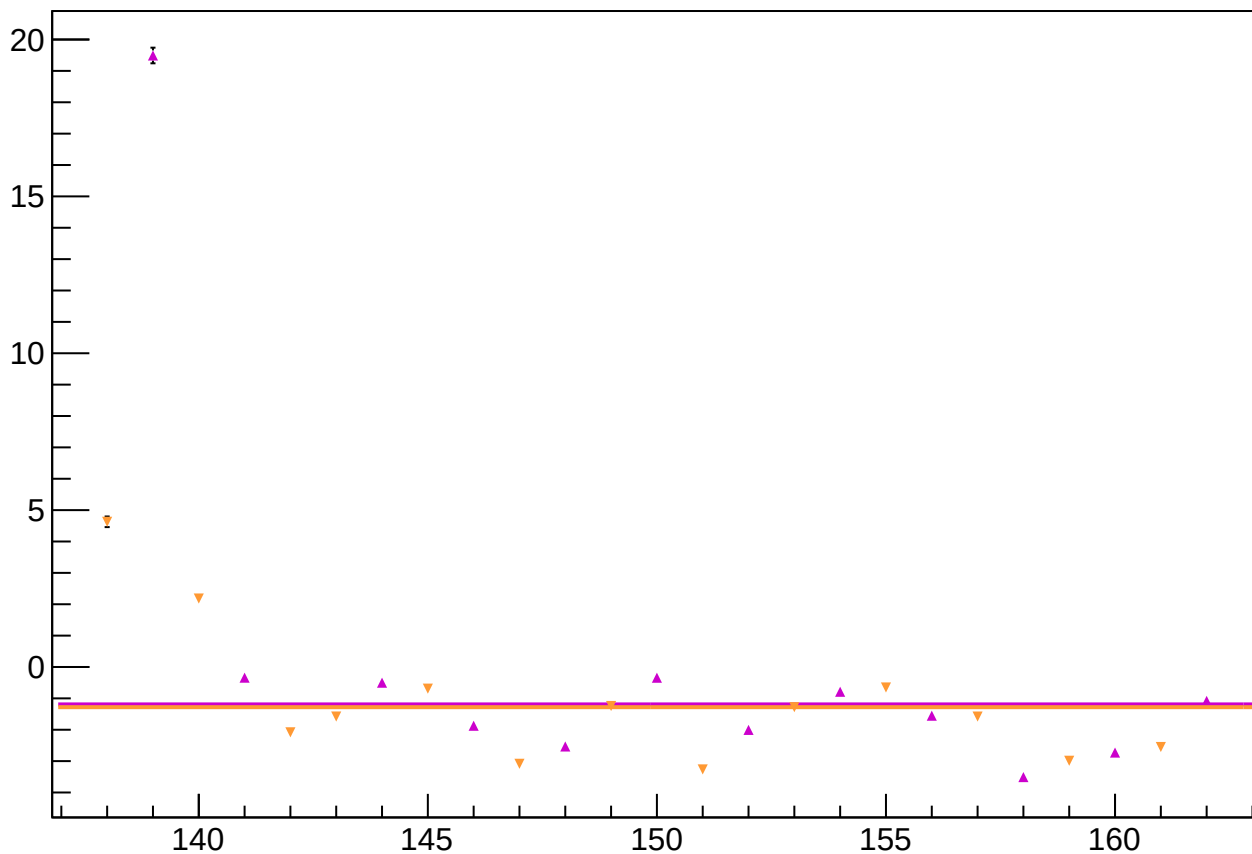
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.957+/-0.043 χ^2/NDF :3550.3/12
 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: 1.204+/-0.030 χ^2/NDF : 7627.2/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.439+/-0.042 χ^2/NDF :4013.9/11
 Out: 0.957+/-0.043 χ^2/NDF :3550.3/12
 All: 1.204+/-0.030 χ^2/NDF : 7627.2/24

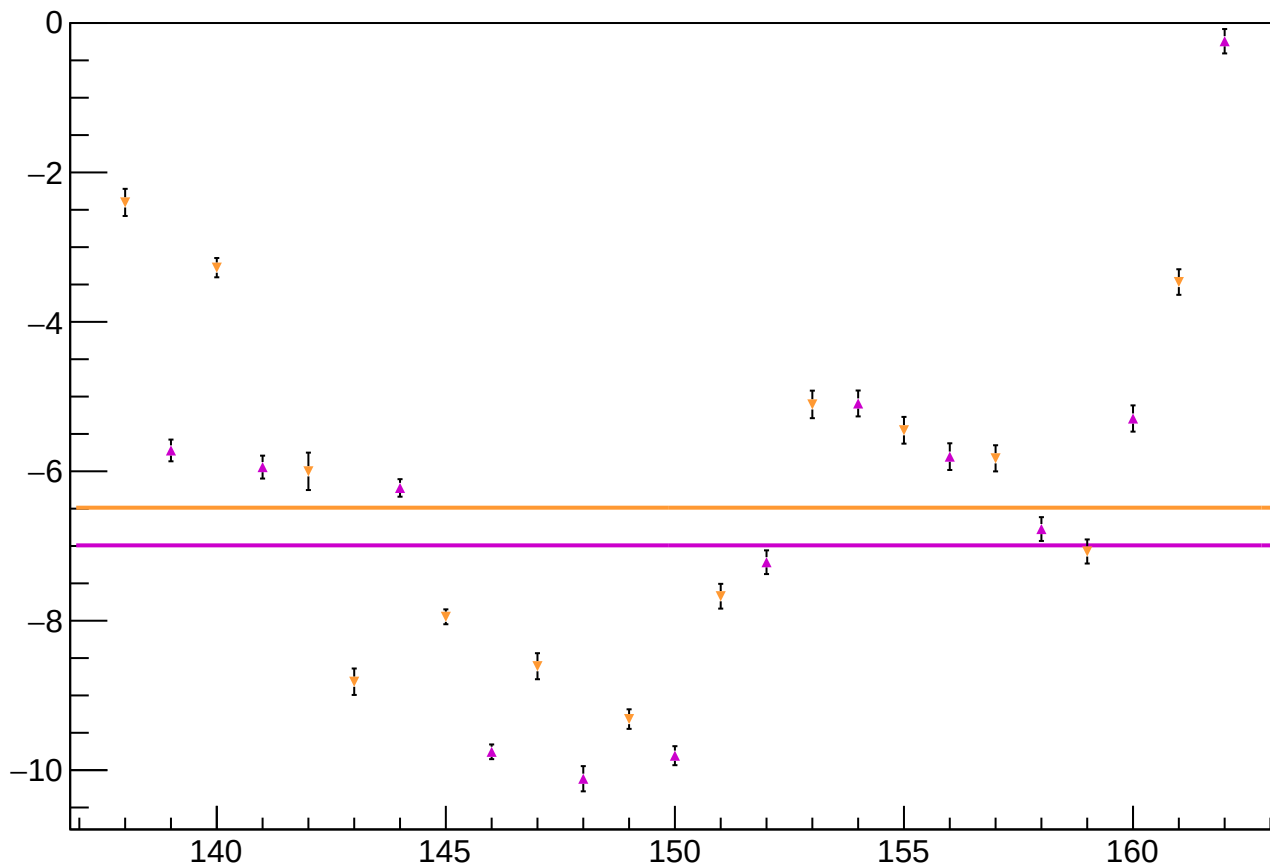
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 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: -1.236+/-0.021 χ^2/NDF : 11675.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.193+/-0.030 χ^2/NDF : 8044.9/11
 Out: -1.281+/-0.031 χ^2/NDF : 3626.0/12
 All: -1.236+/-0.021 χ^2/NDF : 11675.1/24

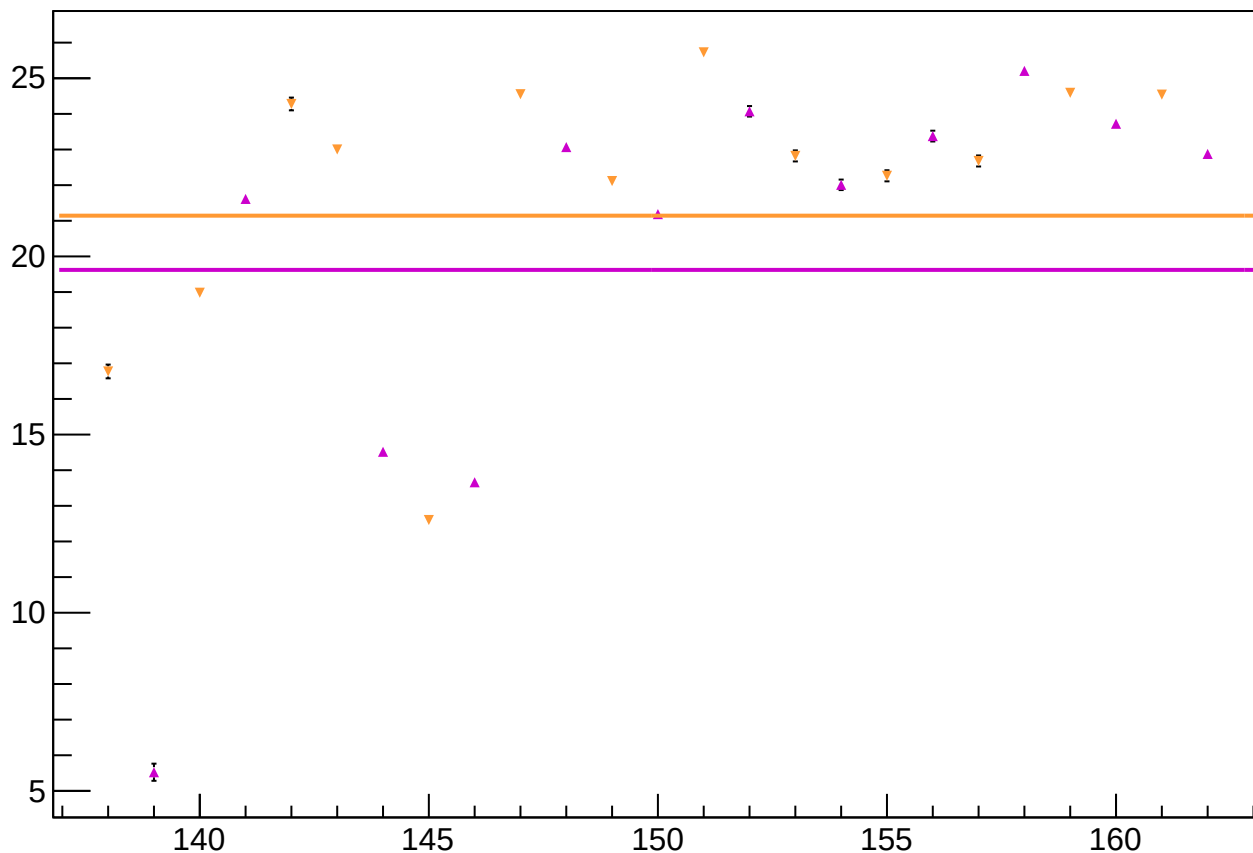
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 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: -6.749+/-0.030 χ^2/NDF : 6438.8/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.991+/-0.042 χ^2/NDF :3755.5/11
 Out: -6.487+/-0.043 χ^2/NDF :2612.9/12
 All: -6.749+/-0.030 χ^2/NDF : 6438.8/24

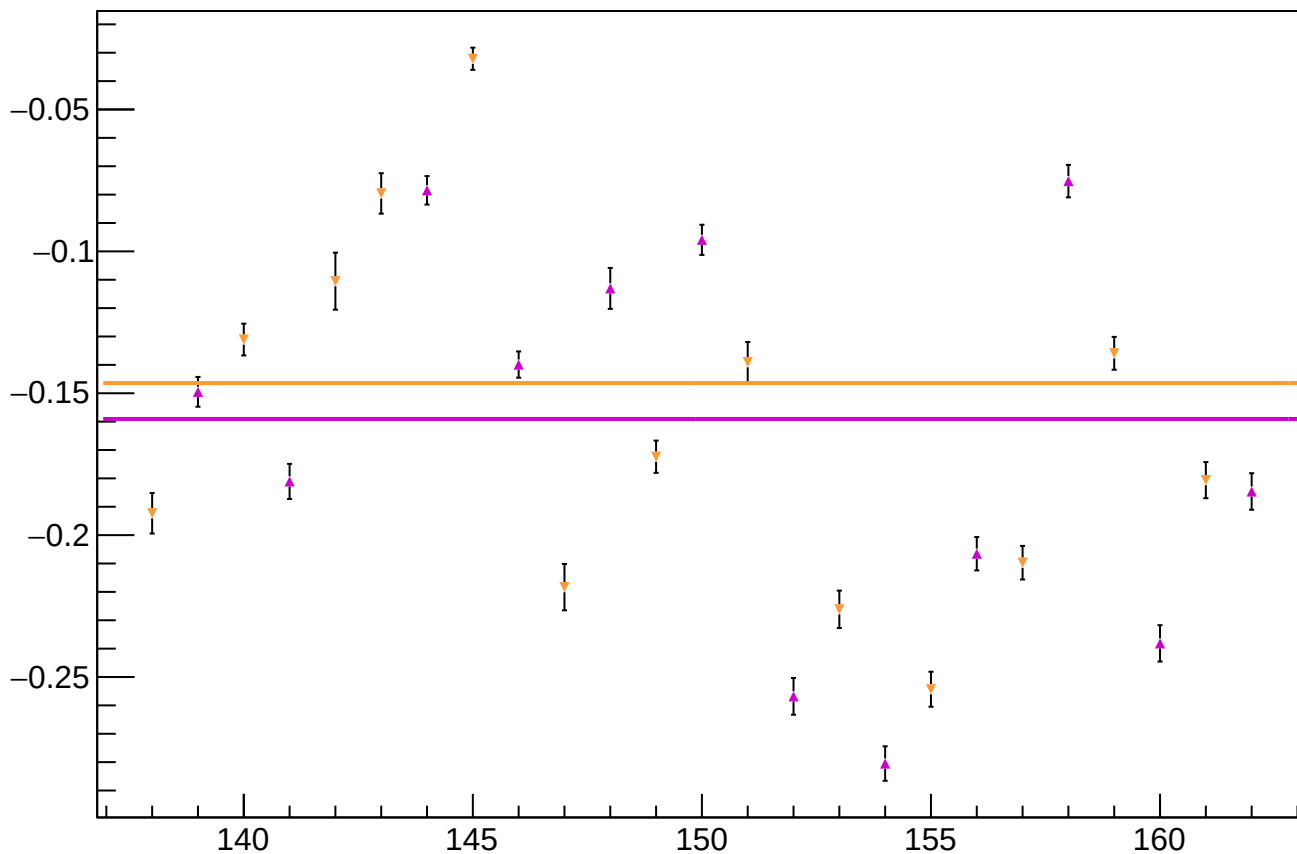
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000±/0.000 χ^2/NDF : 0.0/0
 Left Out: 21.144±/0.036 χ^2/NDF :14424.9/12
 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: 20.362±/0.025 χ^2/NDF : 33511.3/24
 Right: 0.000±/0.000 χ^2/NDF : 0.0/0
 In: 19.622±/0.035 χ^2/NDF :18181.3/11
 Out: 21.144±/0.036 χ^2/NDF :14424.9/12
 All: 20.362±/0.025 χ^2/NDF : 33511.3/24

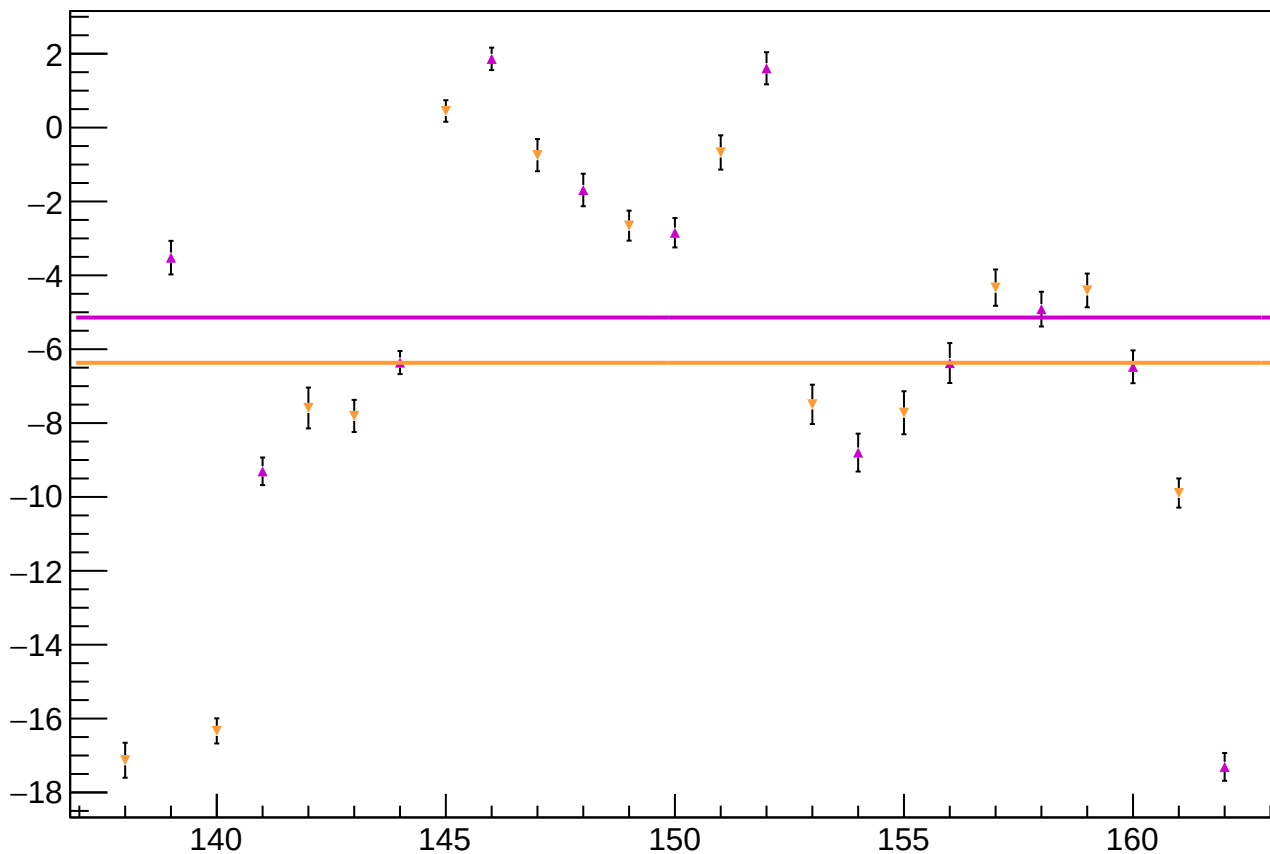
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.146 ± 0.002 $\chi^2/\text{NDF}: 1703.4/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.159 ± 0.002 $\chi^2/\text{NDF}: 1547.5/11$

Left: -0.153 ± 0.001 $\chi^2/\text{NDF}: 3279.2/24$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.159 ± 0.002 $\chi^2/\text{NDF}: 1547.5/11$
 Out: -0.146 ± 0.002 $\chi^2/\text{NDF}: 1703.4/12$
 All: -0.153 ± 0.001 $\chi^2/\text{NDF}: 3279.2/24$

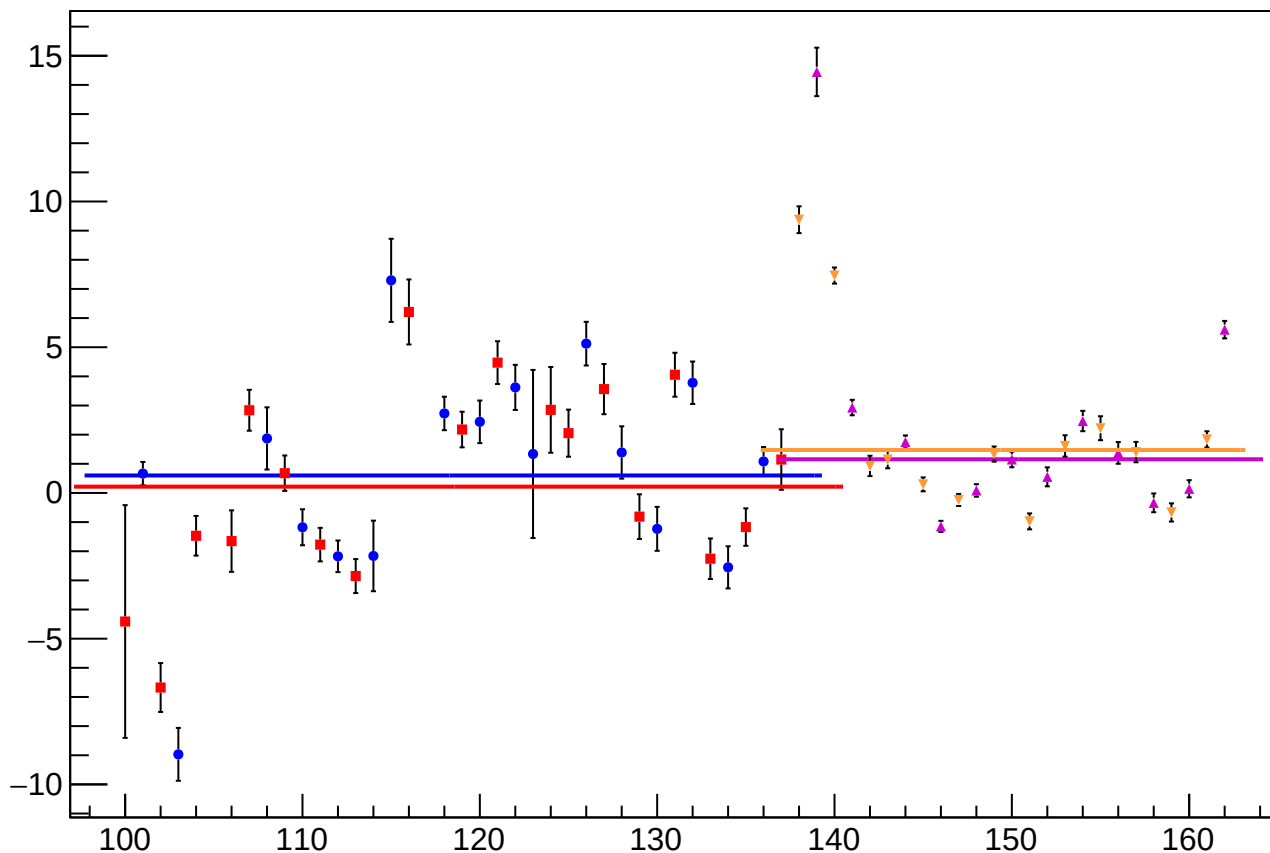
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.367+/-0.119 χ^2/NDF :2462.4/12
 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: -5.744+/-0.083 χ^2/NDF : 4645.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.142+/-0.117 χ^2/NDF :2129.0/11
 Out: -6.367+/-0.119 χ^2/NDF :2462.4/12
 All: -5.744+/-0.083 χ^2/NDF : 4645.7/24

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.473 ± 0.081 χ^2/NDF : 994.7/12

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.156 ± 0.080 χ^2/NDF : 748.2/11

Left: 1.312 ± 0.057 χ^2/NDF : 1750.6/24

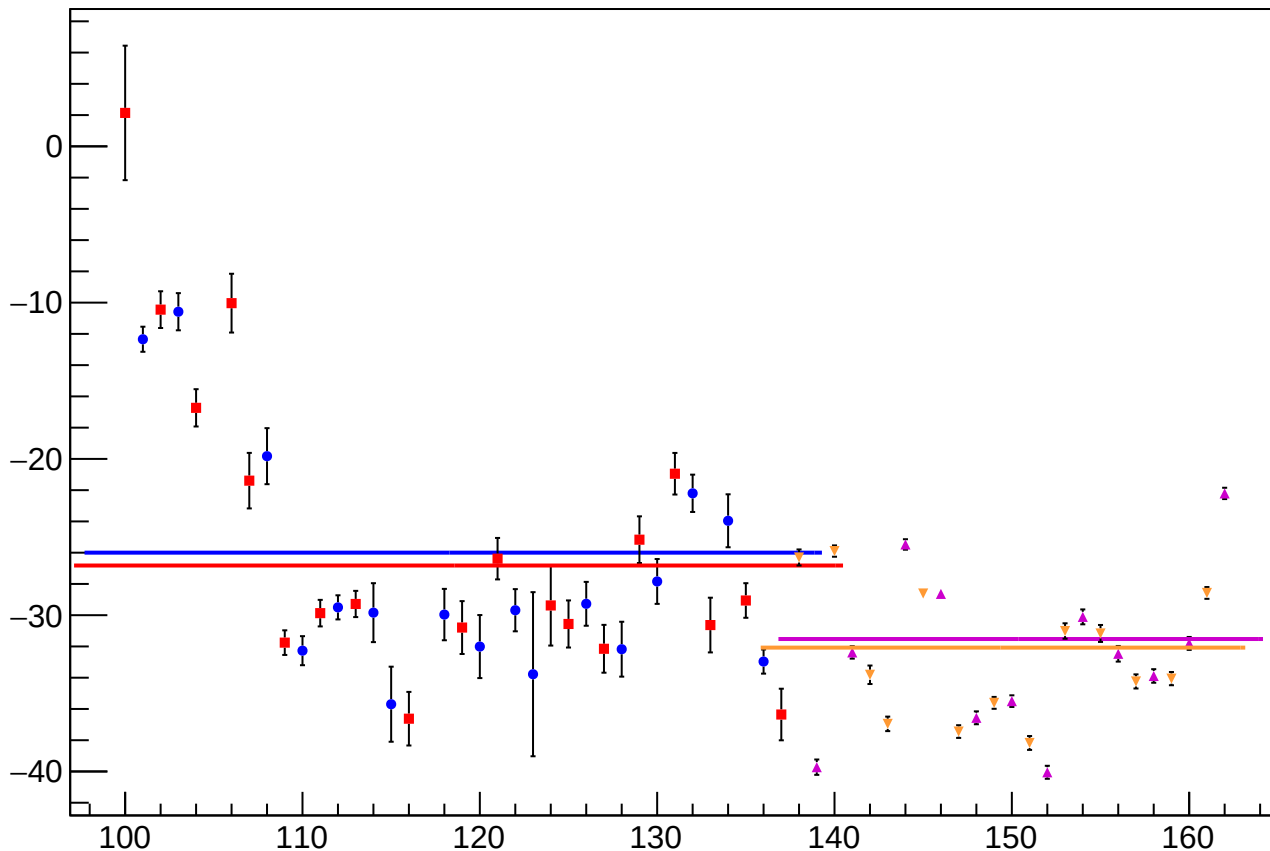
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.054 ± 0.072 χ^2/NDF : 1048.9/28

Out: 1.249 ± 0.074 χ^2/NDF : 1311.8/31

All: 1.150 ± 0.052 χ^2/NDF : 2364.3/60

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.075 ± 0.118 χ^2/NDF : 1250.1/12

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -31.524 ± 0.114 χ^2/NDF : 2092.2/11

Left: -31.791 ± 0.082 χ^2/NDF : 3353.6/24

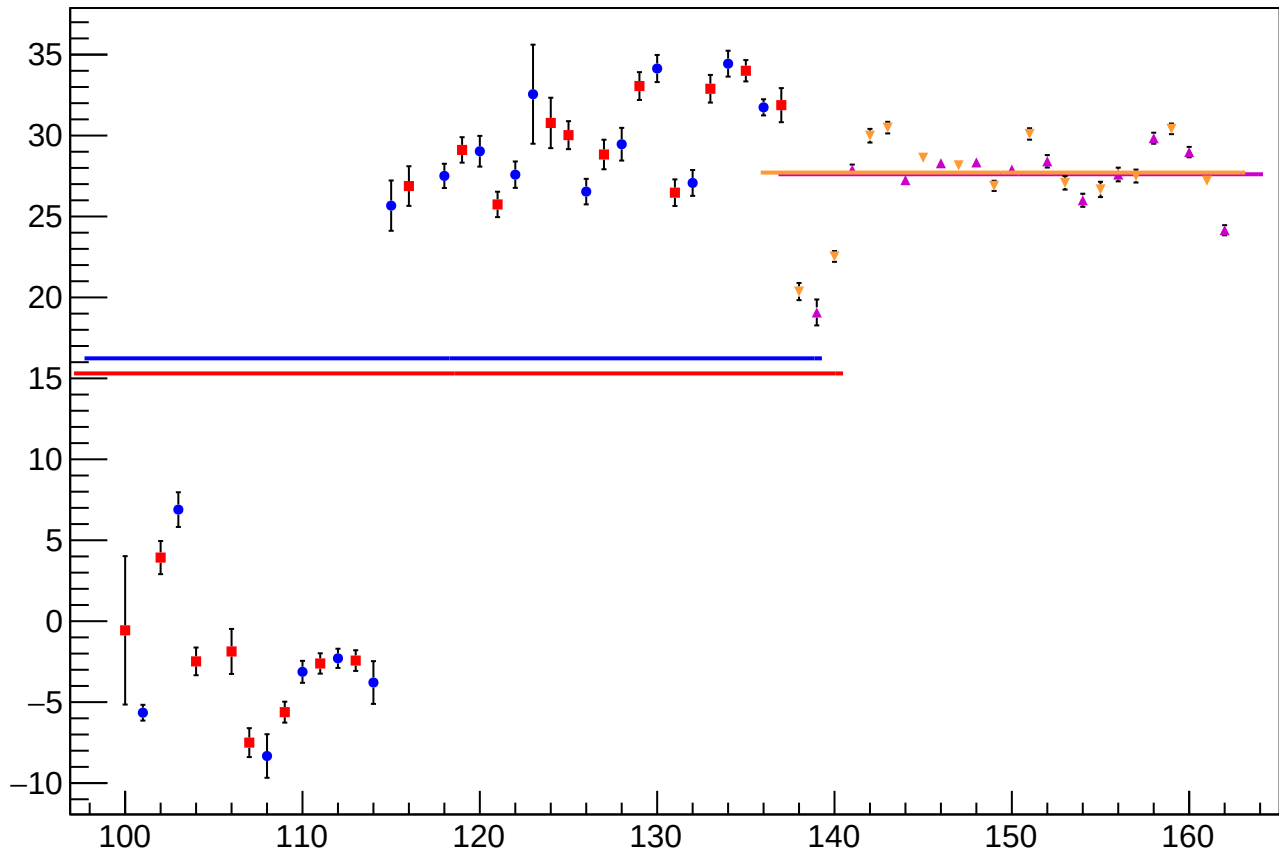
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.829 ± 0.106 χ^2/NDF : 3081.2/28

Out: -31.366 ± 0.109 χ^2/NDF : 2100.7/31

All: -31.090 ± 0.076 χ^2/NDF : 5194.2/60

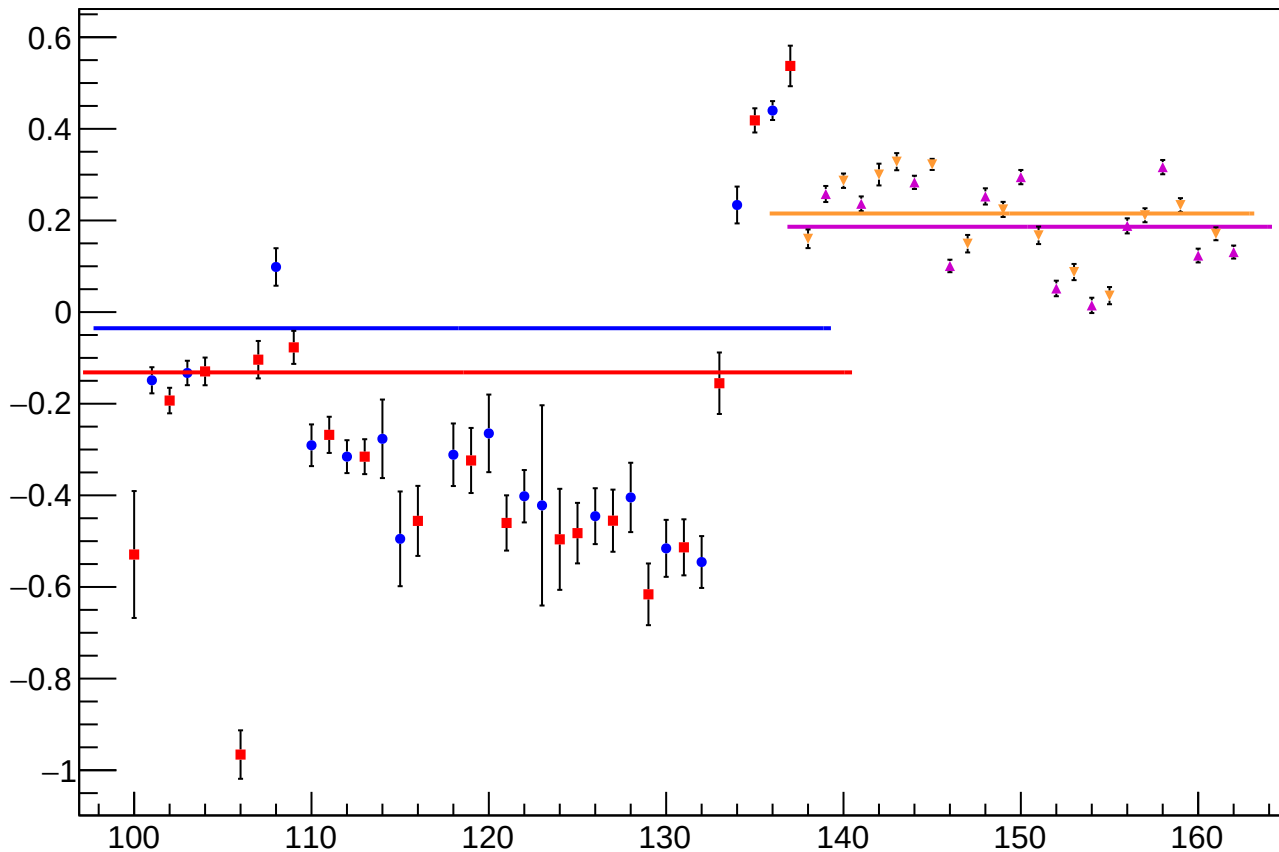
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 27.714 $\pm$ 0.097 χ^2 /NDF:666.0/12
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 27.609 $\pm$ 0.095 χ^2 /NDF:334.5/11

Left: 27.660 $\pm$ 0.068 χ^2 /NDF: 1001.0/24
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.374 $\pm$ 0.085 χ^2 /NDF:10751.0/28
 Out: 25.301 $\pm$ 0.087 χ^2 /NDF:11134.3/31
 All: 25.338 $\pm$ 0.061 χ^2 /NDF: 21885.7/60

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.215 ± 0.005 χ^2/NDF : 328.7/12

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.186 ± 0.005 χ^2/NDF : 443.3/11

Left: 0.200 ± 0.003 χ^2/NDF : 792.0/24

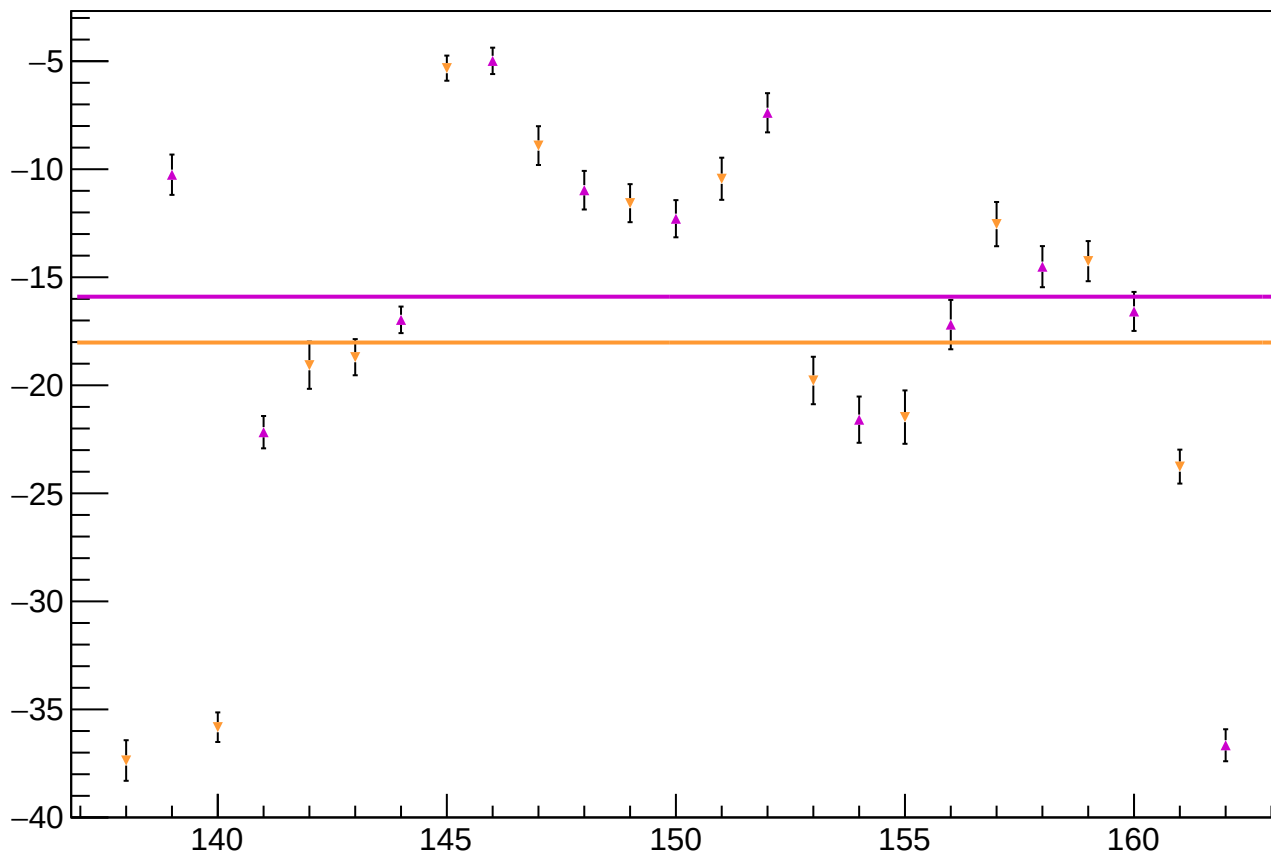
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.151 ± 0.004 χ^2/NDF : 1843.0/28

Out: 0.158 ± 0.004 χ^2/NDF : 2432.9/31

All: 0.154 ± 0.003 χ^2/NDF : 4277.3/60

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected

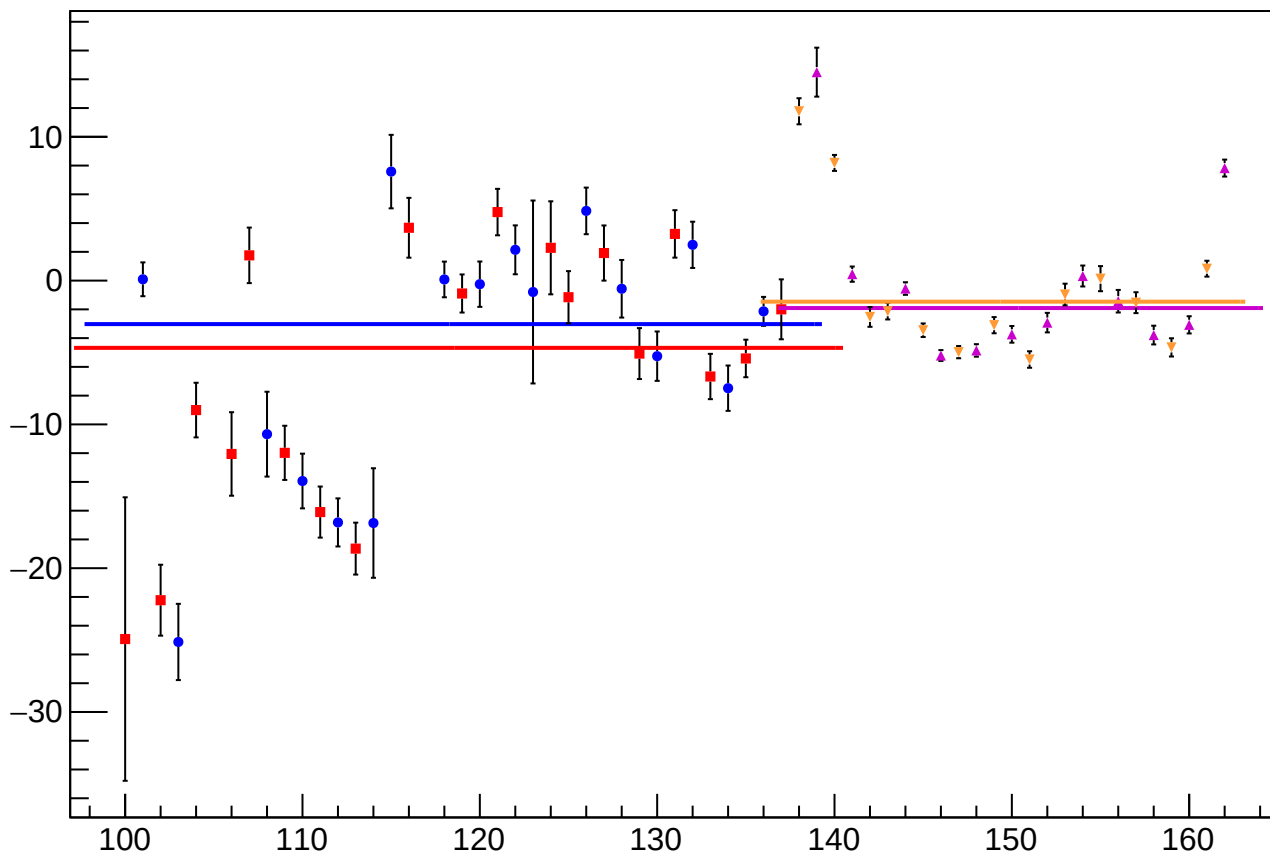


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.021+/-0.240 χ^2/NDF :1904.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.899+/-0.236 χ^2/NDF :1383.6/11

Left: -16.942+/-0.169 χ^2/NDF : 3327.5/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.899+/-0.236 χ^2/NDF :1383.6/11
 Out: -18.021+/-0.240 χ^2/NDF :1904.4/12

All: -16.942+/-0.169 χ^2/NDF : 3327.5/24

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.466 ± 0.165 $\chi^2/\text{NDF}: 708.5/12$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: -1.909 ± 0.162 $\chi^2/\text{NDF}: 550.7/11$

Left: -1.692 ± 0.116 $\chi^2/\text{NDF}: 1262.9/24$

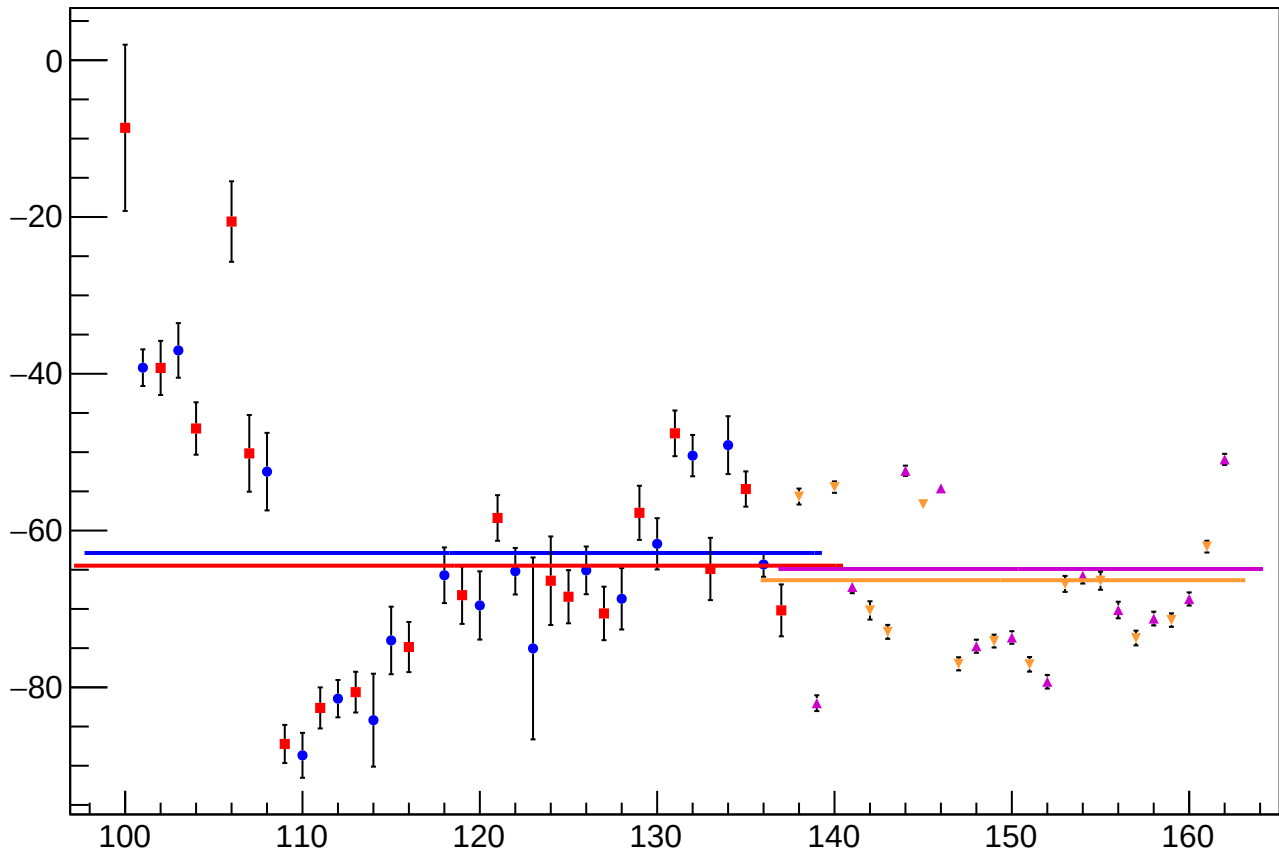
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -2.061 ± 0.151 $\chi^2/\text{NDF}: 837.8/28$

Out: -1.886 ± 0.154 $\chi^2/\text{NDF}: 1057.0/31$

All: -1.976 ± 0.108 $\chi^2/\text{NDF}: 1895.4/60$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -66.335 ± 0.239 $\chi^2/\text{NDF}: 1199.5/12$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -64.901 ± 0.231 $\chi^2/\text{NDF}: 1979.4/11$

Left: -65.594 ± 0.166 $\chi^2/\text{NDF}: 3197.4/24$

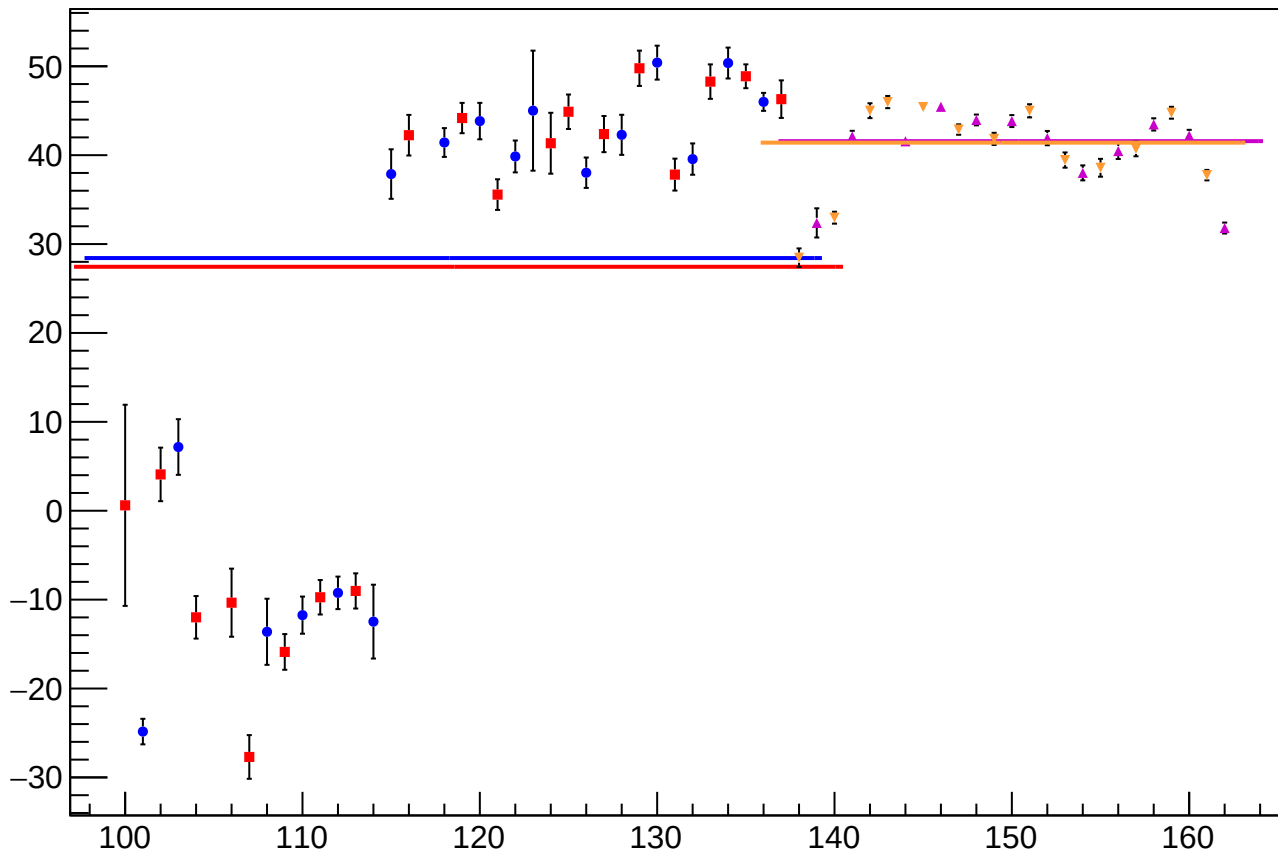
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -64.719 ± 0.221 $\chi^2/\text{NDF}: 2354.1/28$

Out: -66.164 ± 0.228 $\chi^2/\text{NDF}: 1649.0/31$

All: -65.419 ± 0.159 $\chi^2/\text{NDF}: 4023.8/60$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.410 $\pm$ 0.197 χ^2 /NDF: 534.7/12

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 41.578 $\pm$ 0.192 χ^2 /NDF: 405.5/11

Left: 41.496 $\pm$ 0.137 χ^2 /NDF: 940.5/24

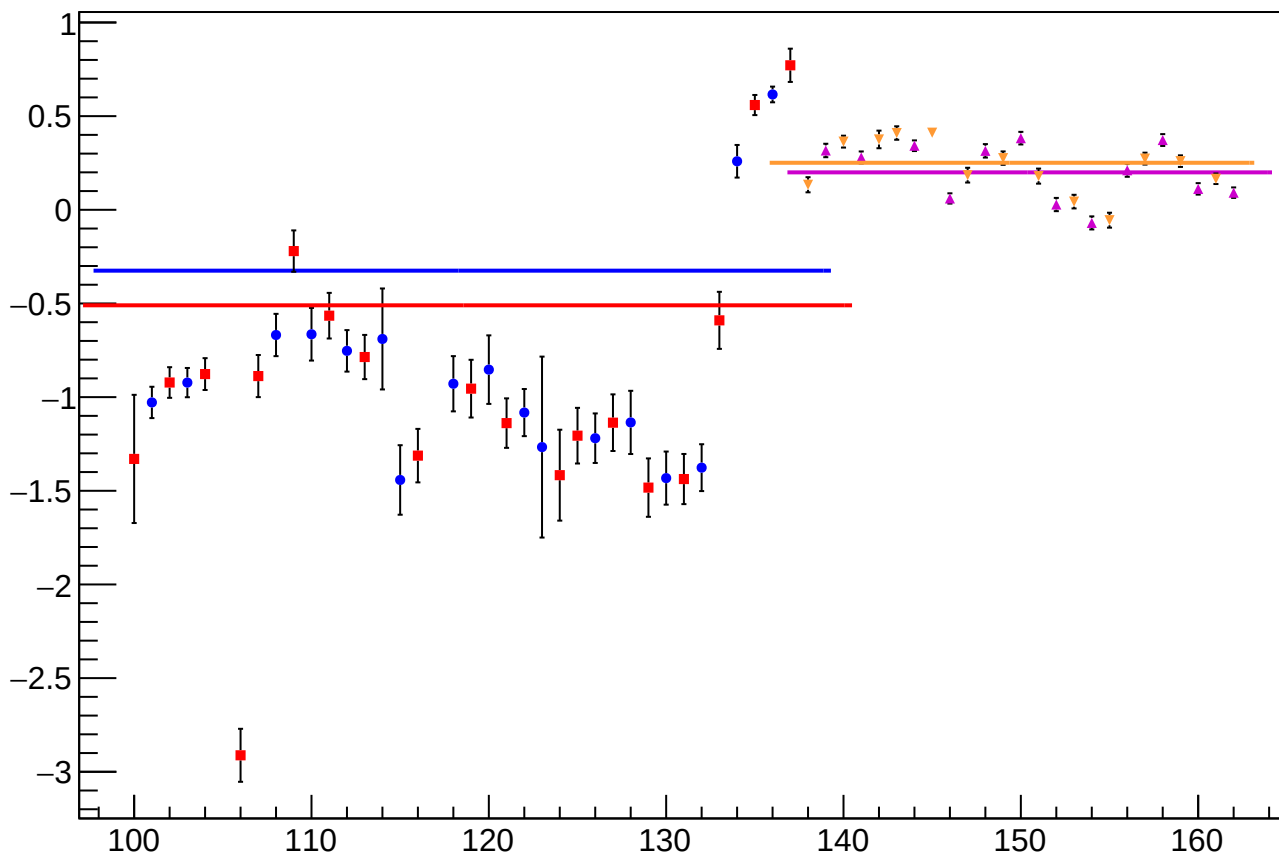
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.615 $\pm$ 0.177 χ^2 /NDF: 4430.0/28

Out: 39.389 $\pm$ 0.182 χ^2 /NDF: 4297.2/31

All: 39.505 $\pm$ 0.127 χ^2 /NDF: 8728.0/60

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.251 ± 0.009 χ^2/NDF : 199.3/12

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.200 ± 0.009 χ^2/NDF : 243.8/11

Left: 0.225 ± 0.007 χ^2/NDF : 458.1/24

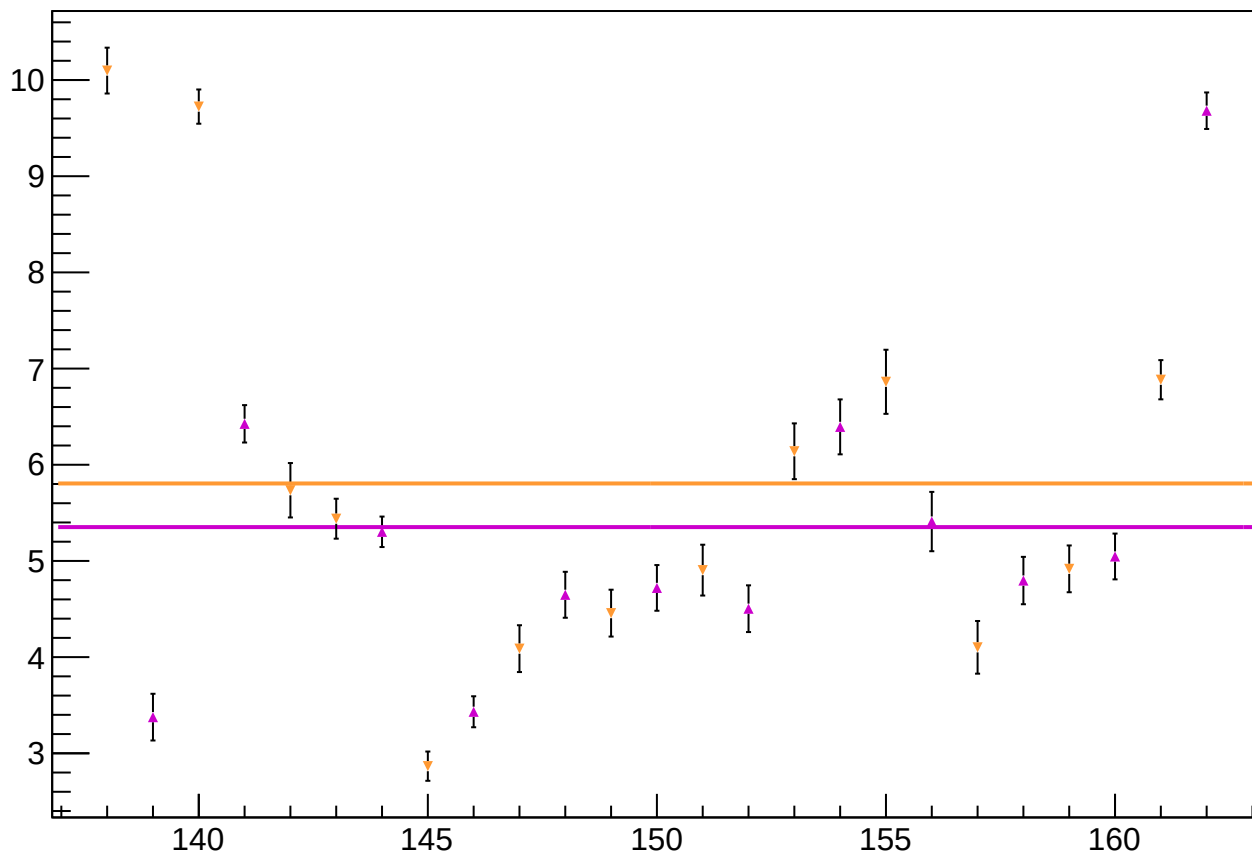
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.137 ± 0.009 χ^2/NDF : 1645.5/28

Out: 0.161 ± 0.009 χ^2/NDF : 2141.4/31

All: 0.148 ± 0.006 χ^2/NDF : 3790.7/60

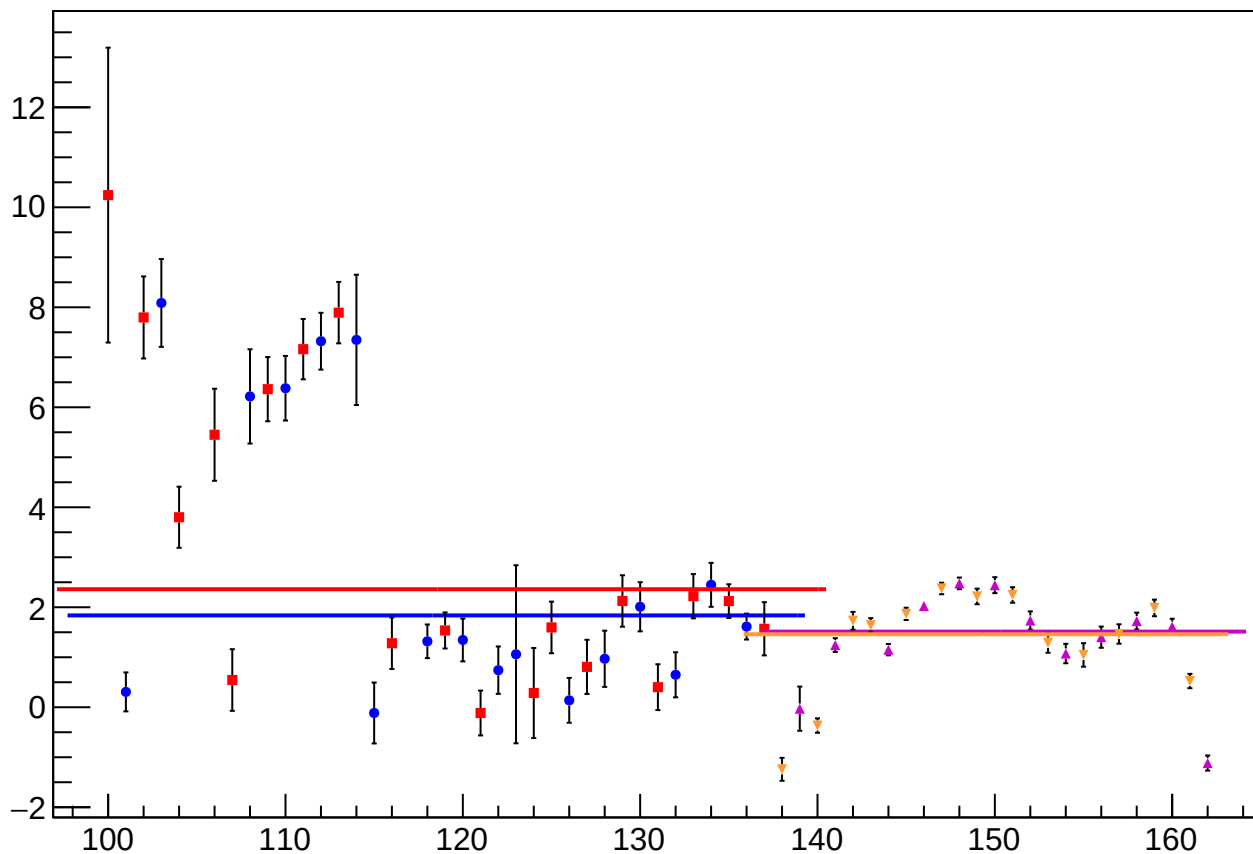
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 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: 5.575 $\pm$ 0.044 χ^2 /NDF: 2201.6/24
 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: 5.805 $\pm$ 0.063 χ^2 /NDF:1368.7/12
 All: 5.575 $\pm$ 0.044 χ^2 /NDF: 2201.6/24

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.460 $\pm$ 0.044 χ^2 /NDF:482.4/12

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.513 $\pm$ 0.043 χ^2 /NDF:466.8/11

Left: 1.487 $\pm$ 0.030 χ^2 /NDF: 949.9/24

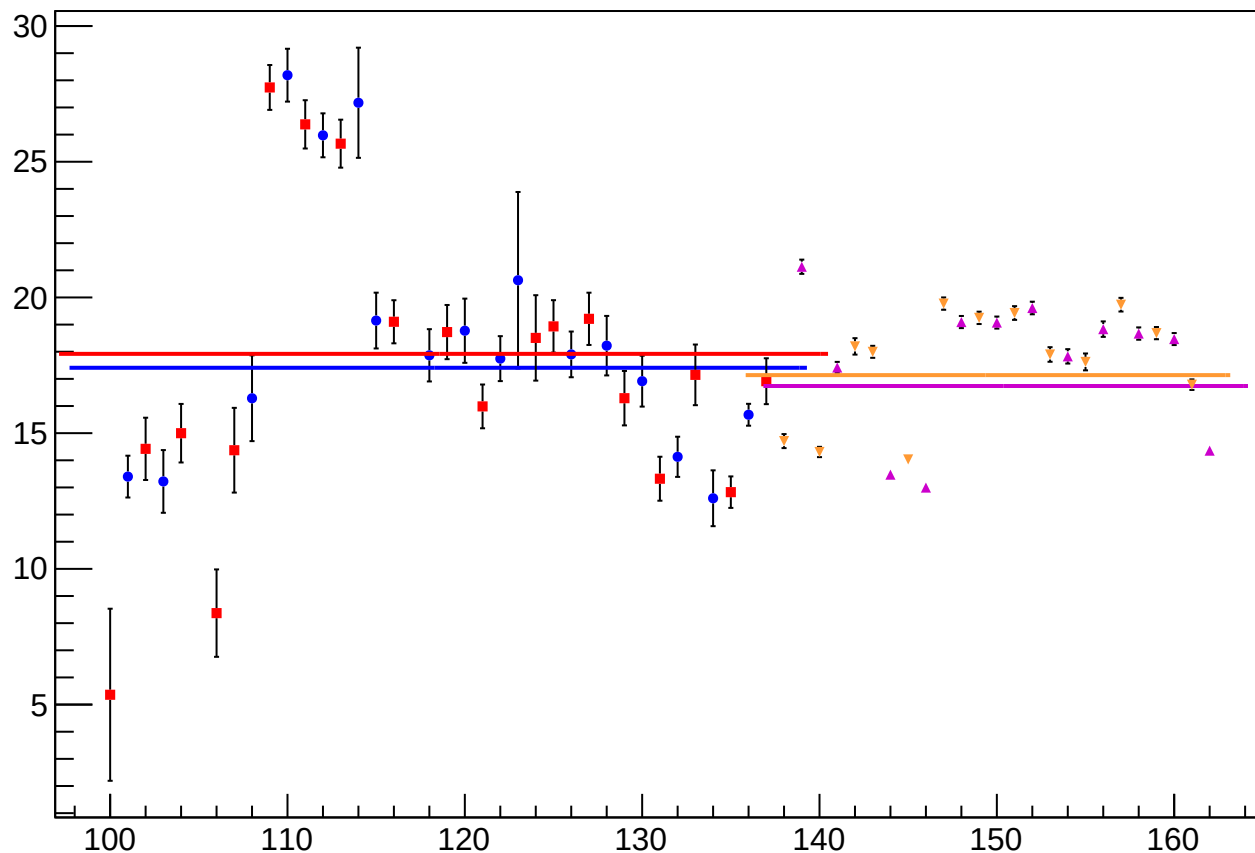
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.551 $\pm$ 0.040 χ^2 /NDF:767.7/28

Out: 1.561 $\pm$ 0.041 χ^2 /NDF:867.3/31

All: 1.556 $\pm$ 0.029 χ^2 /NDF: 1635.1/60

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 17.138 ± 0.063 $\chi^2/\text{NDF}: 1176.9/12$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

Left In: 16.737 ± 0.061 $\chi^2/\text{NDF}: 1994.8/11$

Left: 16.931 ± 0.044 $\chi^2/\text{NDF}: 3192.6/24$

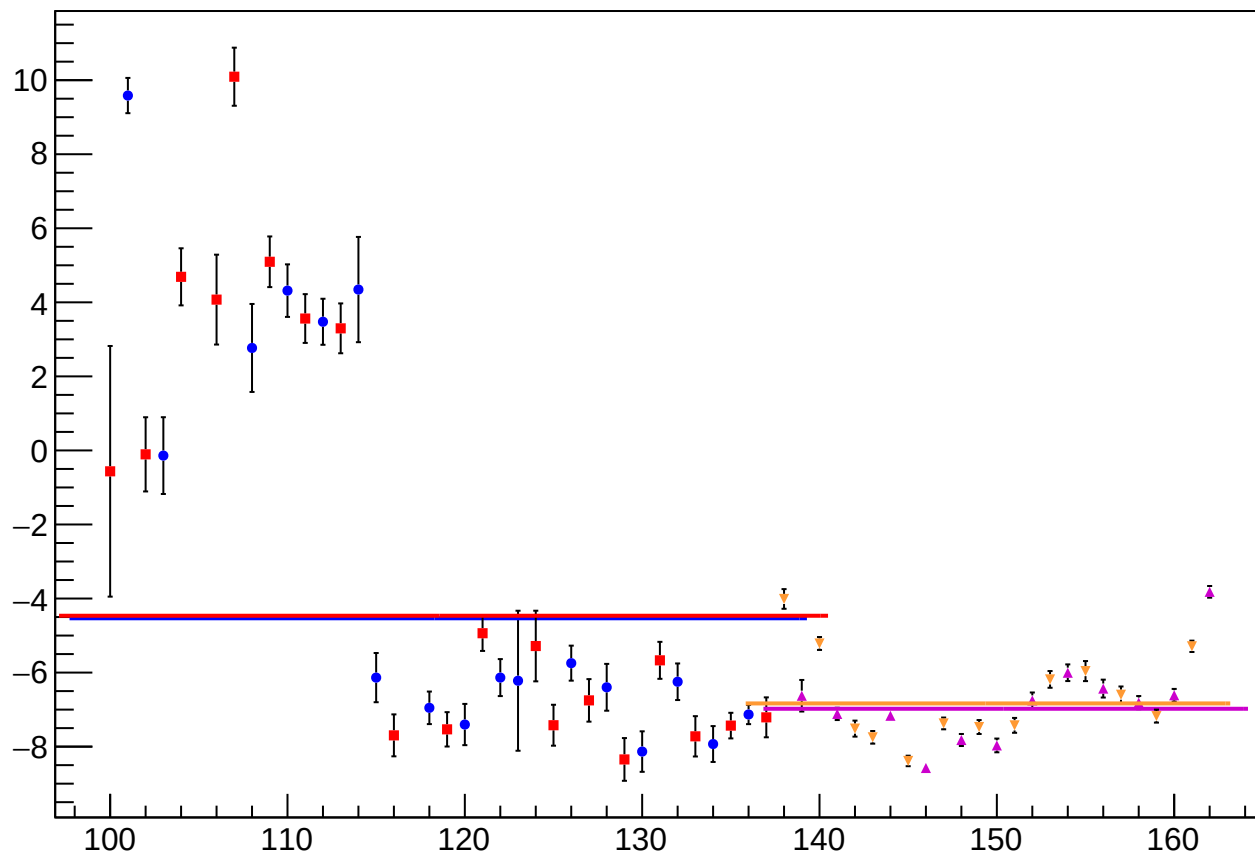
Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$

In: 16.789 ± 0.059 $\chi^2/\text{NDF}: 2369.2/28$

Out: 17.198 ± 0.060 $\chi^2/\text{NDF}: 1695.2/31$

All: 16.987 ± 0.042 $\chi^2/\text{NDF}: 4088.0/60$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.833 ± 0.052 χ^2/NDF : 513.9/12

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.977 ± 0.050 χ^2/NDF : 655.9/11

Left: -6.907 ± 0.036 χ^2/NDF : 1173.8/24

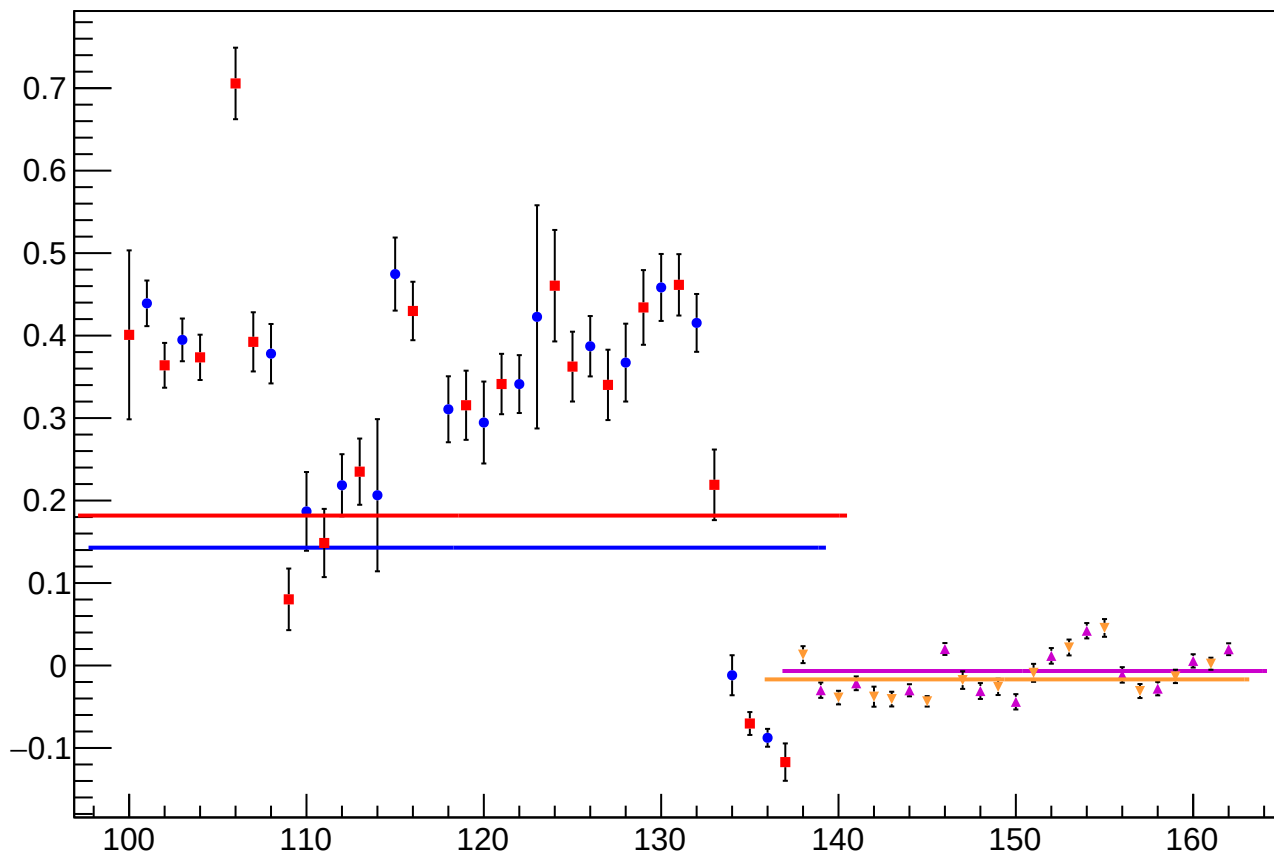
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.656 ± 0.047 χ^2/NDF : 2553.0/28

Out: -6.537 ± 0.048 χ^2/NDF : 2116.7/31

All: -6.598 ± 0.034 χ^2/NDF : 4672.9/60

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.017 ± 0.002 $\chi^2/\text{NDF}: 104.3/12$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 109.8/11$

Left: -0.012 ± 0.002 $\chi^2/\text{NDF}: 222.7/24$

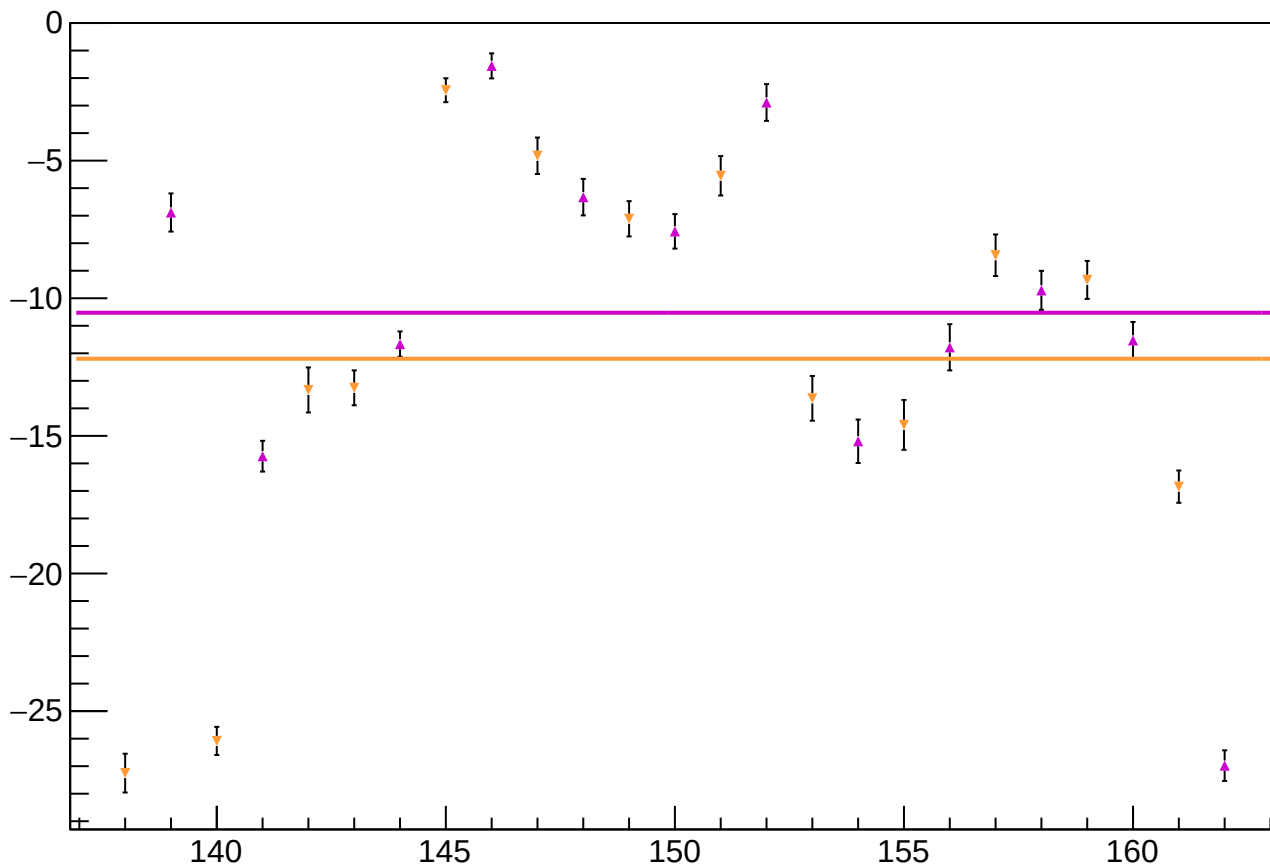
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 1570.4/28$

Out: 0.003 ± 0.002 $\chi^2/\text{NDF}: 1763.0/31$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3336.7/60$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



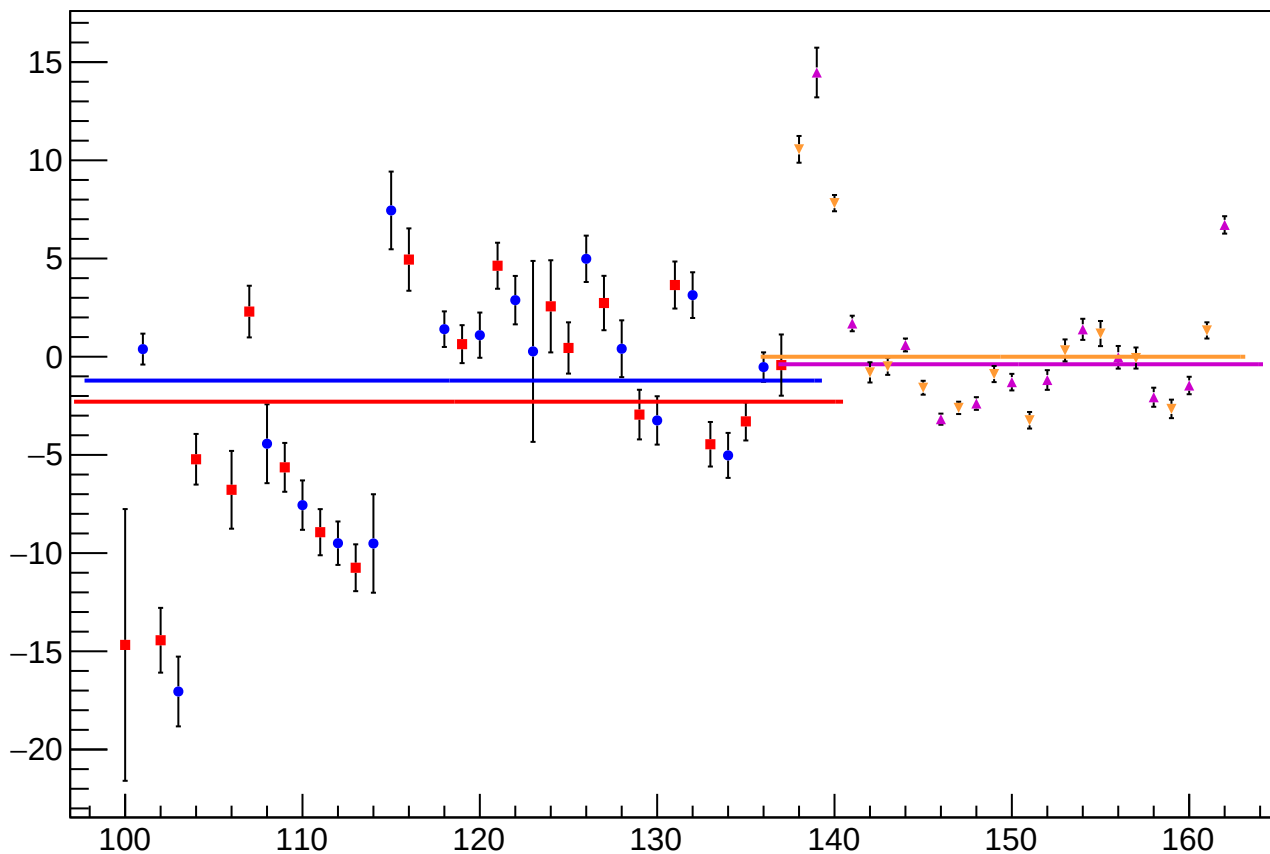
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.197+/-0.179 χ^2/NDF : 2093.5/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.526+/-0.176 χ^2/NDF : 1620.1/11

Left: -11.347+/-0.125 χ^2/NDF : 3758.1/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.526+/-0.176 χ^2/NDF : 1620.1/11
 Out: -12.197+/-0.179 χ^2/NDF : 2093.5/12

All: -11.347+/-0.125 χ^2/NDF : 3758.1/24

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: -0.002 ± 0.123 $\chi^2/\text{NDF}: 798.7/12$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.384 ± 0.121 $\chi^2/\text{NDF}: 603.5/11$

Left: -0.197 ± 0.086 $\chi^2/\text{NDF}: 1407.2/24$

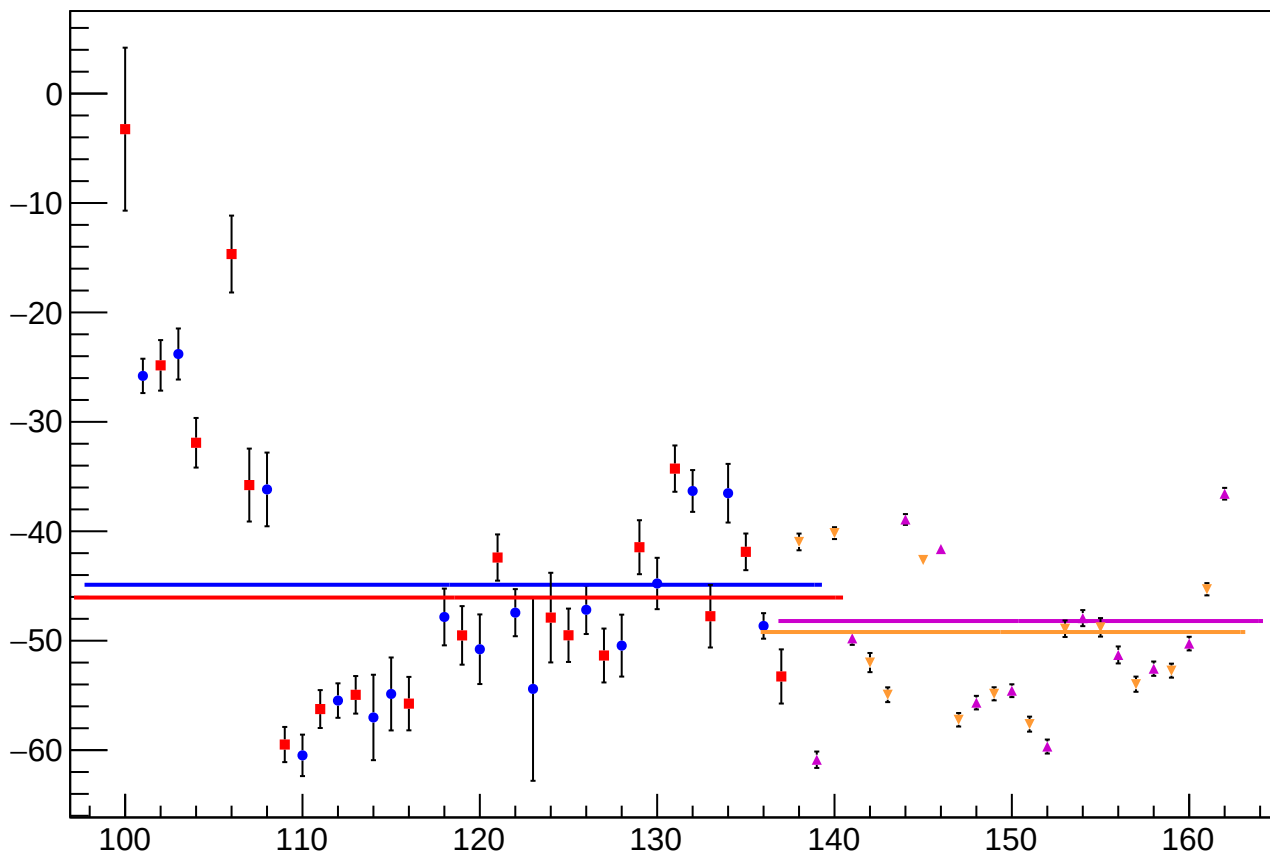
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.507 ± 0.111 $\chi^2/\text{NDF}: 889.2/28$

Out: -0.326 ± 0.114 $\chi^2/\text{NDF}: 1135.1/31$

All: -0.418 ± 0.080 $\chi^2/\text{NDF}: 2025.6/60$

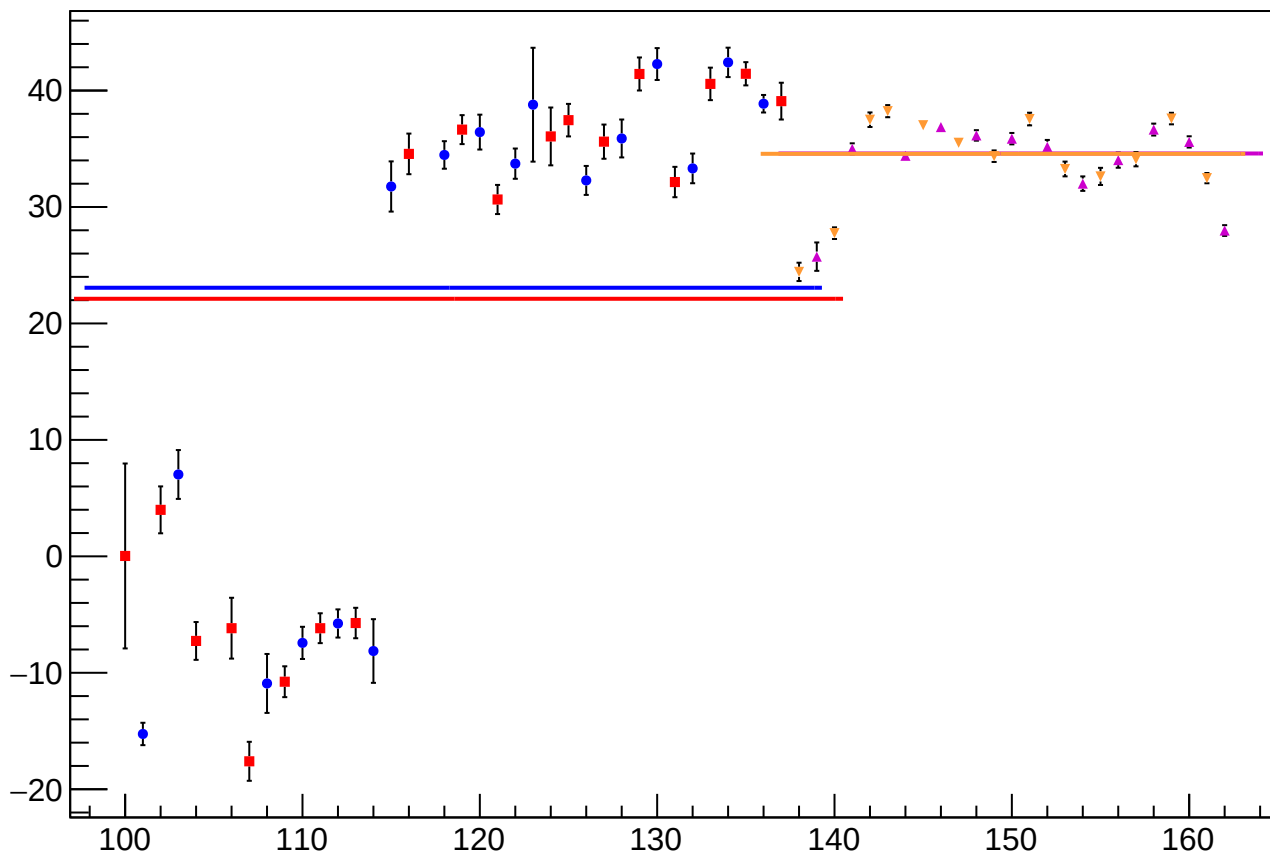
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -49.206 ± 0.178 $\chi^2/\text{NDF}: 1213.1/12$
 Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$
 Left In: -48.202 ± 0.172 $\chi^2/\text{NDF}: 2001.0/11$

Left: -48.688 ± 0.124 $\chi^2/\text{NDF}: 3230.6/24$
 Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$
 In: -47.879 ± 0.163 $\chi^2/\text{NDF}: 2457.6/28$
 Out: -48.886 ± 0.168 $\chi^2/\text{NDF}: 1698.8/31$
 All: -48.367 ± 0.117 $\chi^2/\text{NDF}: 4174.9/60$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.567 $\pm$ 0.146 χ^2 /NDF:565.0/12

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 34.595 $\pm$ 0.143 χ^2 /NDF:357.8/11

Left: 34.581 $\pm$ 0.102 χ^2 /NDF: 922.8/24

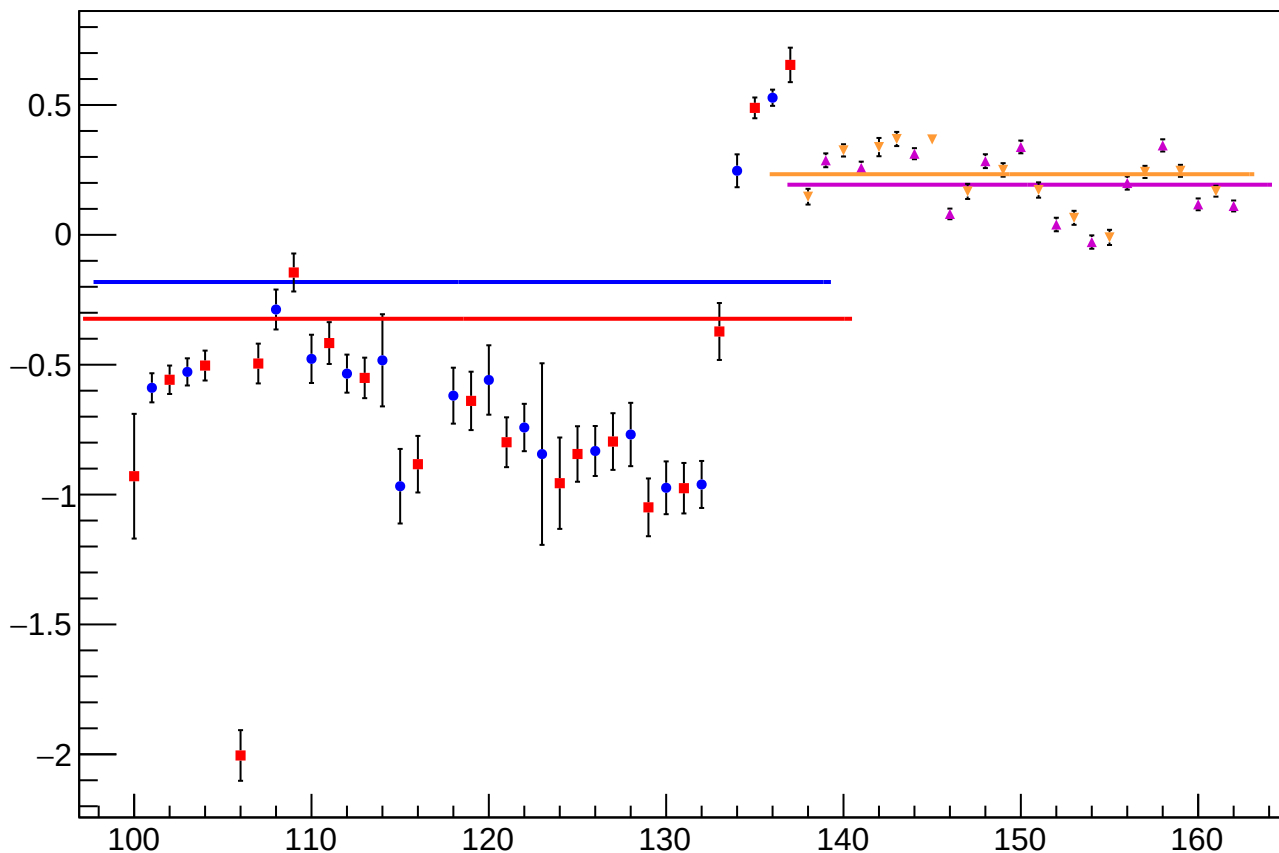
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.748 $\pm$ 0.131 χ^2 /NDF:5738.2/28

Out: 32.622 $\pm$ 0.134 χ^2 /NDF:5731.3/31

All: 32.687 $\pm$ 0.094 χ^2 /NDF: 11470.0/60

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.233 ± 0.007 χ^2/NDF : 239.6/12

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.193 ± 0.007 χ^2/NDF : 303.9/11

Left: 0.213 ± 0.005 χ^2/NDF : 560.6/24

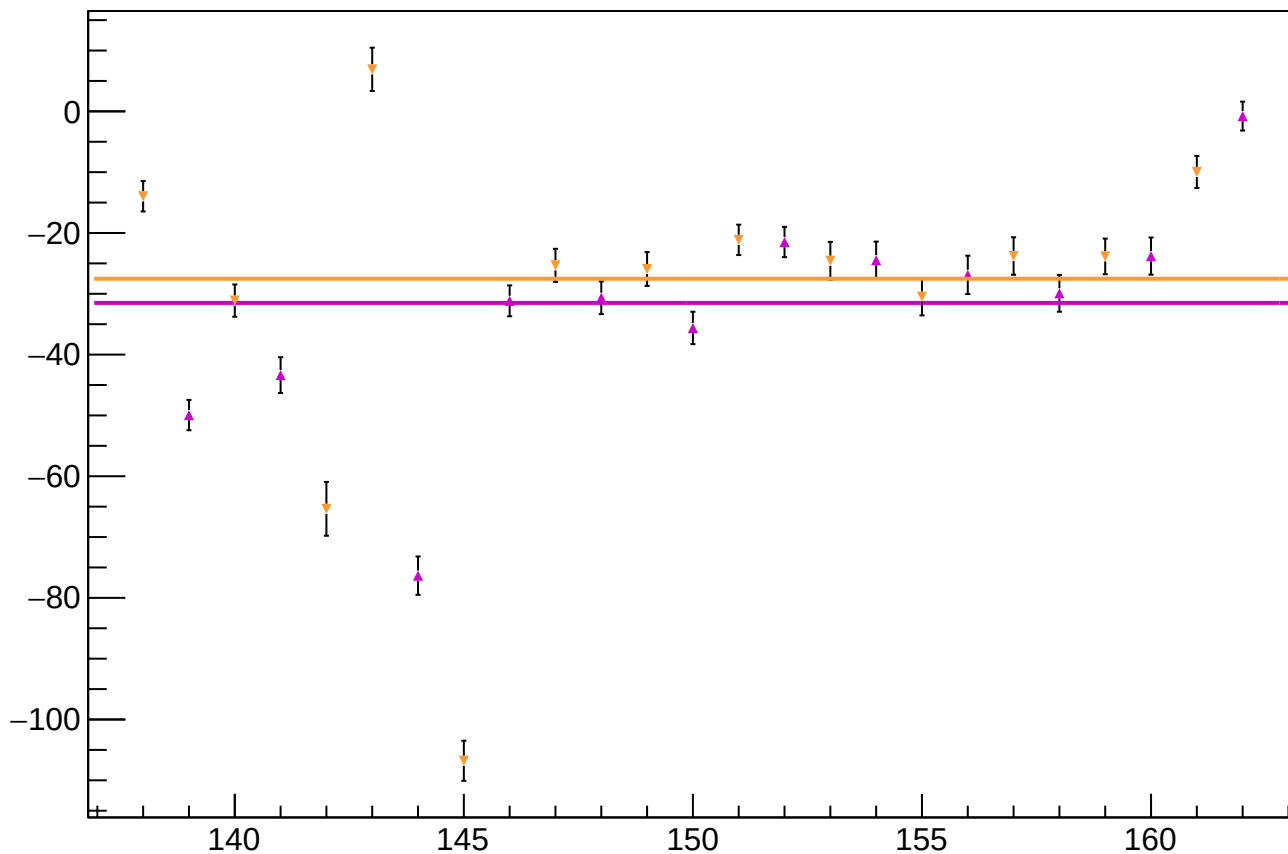
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.145 ± 0.006 χ^2/NDF : 1688.9/28

Out: 0.162 ± 0.007 χ^2/NDF : 2241.4/31

All: 0.153 ± 0.005 χ^2/NDF : 3933.9/60

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



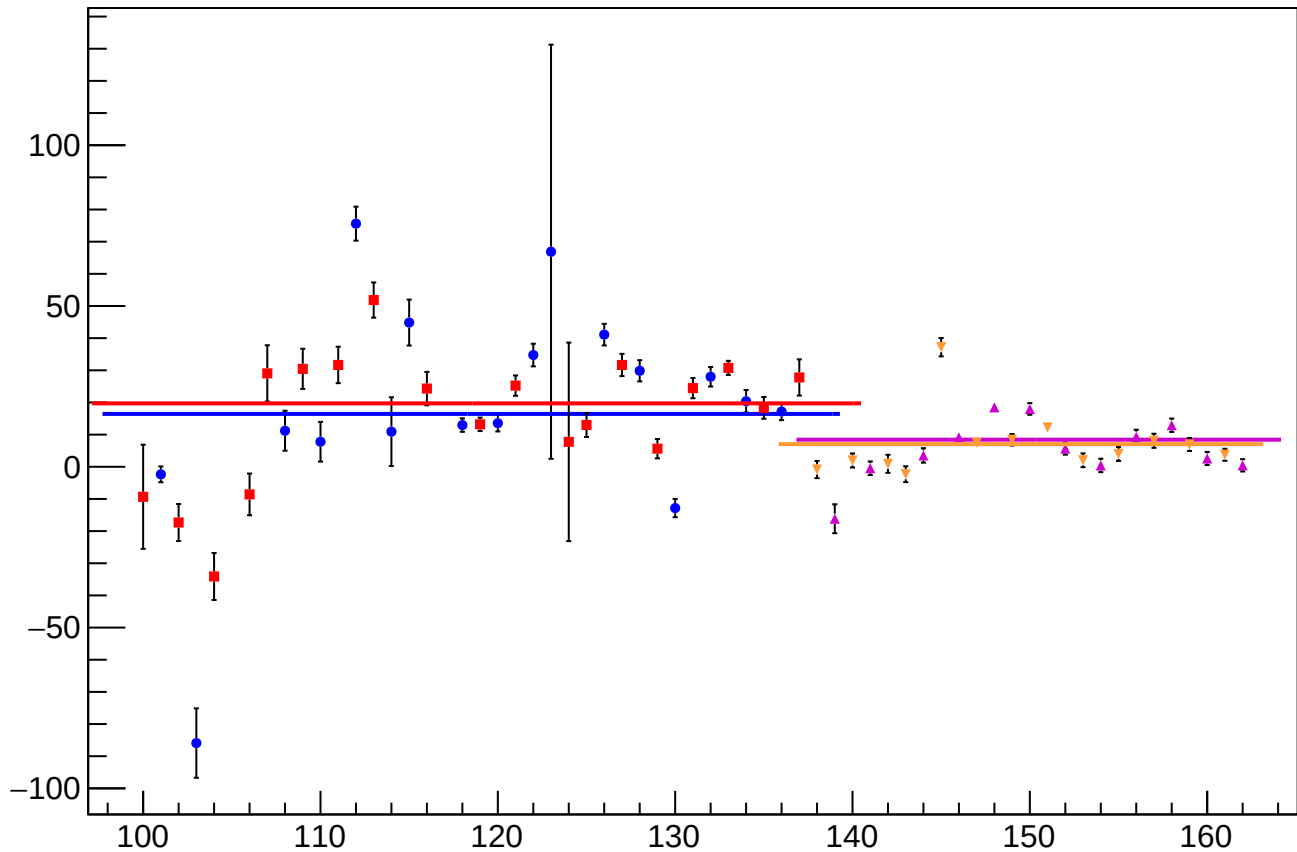
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -27.521+/-0.810 χ^2/NDF :832.4/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.495+/-0.797 χ^2/NDF :473.3/11

Left: -29.540+/-0.568 χ^2/NDF : 1317.9/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.495+/-0.797 χ^2/NDF :473.3/11
 Out: -27.521+/-0.810 χ^2/NDF :832.4/12

All: -29.540+/-0.568 χ^2/NDF : 1317.9/24

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 7.041 $\pm$ 0.547 χ^2 /NDF:169.3/12

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 8.432 $\pm$ 0.552 χ^2 /NDF:187.0/11

Left: 7.731 $\pm$ 0.389 χ^2 /NDF: 359.5/24

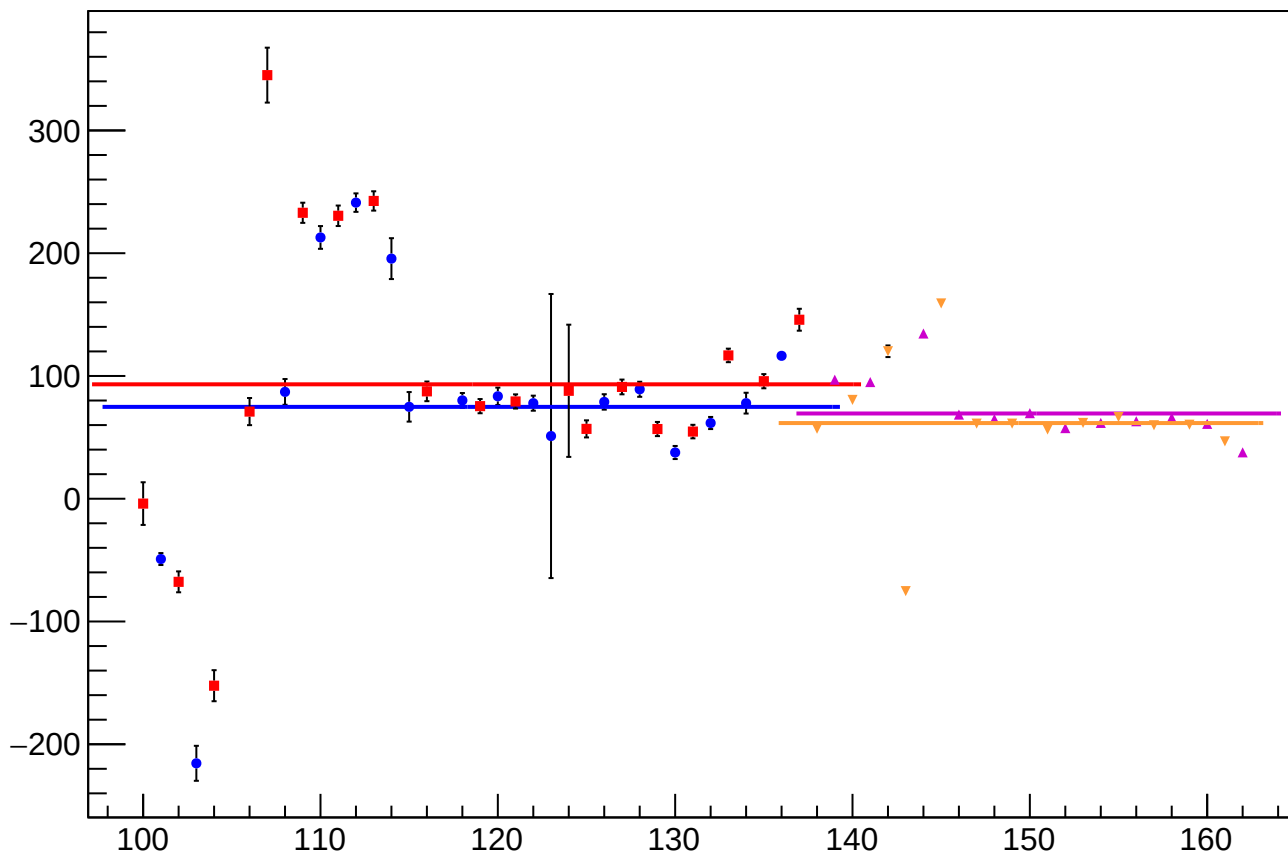
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 10.811 $\pm$ 0.463 χ^2 /NDF:766.6/28

Out: 10.476 $\pm$ 0.467 χ^2 /NDF:556.5/31

All: 10.645 $\pm$ 0.329 χ^2 /NDF: 1323.4/60

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 61.644+/-0.791 χ^2/NDF : 2349.9/12

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 69.439+/-0.773 χ^2/NDF : 786.8/11

Left: 65.635+/-0.553 χ^2/NDF : 3186.4/24

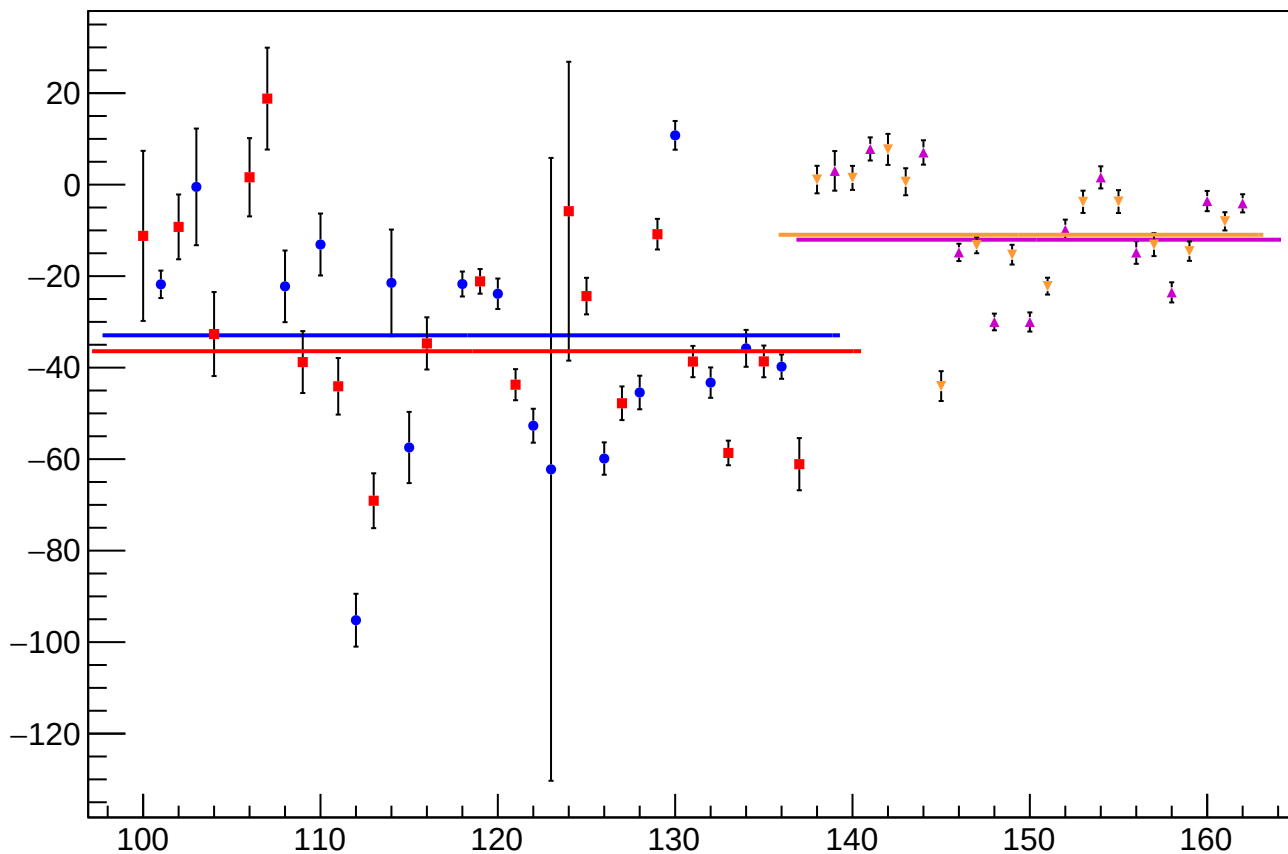
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 70.418+/-0.699 χ^2/NDF : 2792.5/28

Out: 67.203+/-0.718 χ^2/NDF : 4630.7/31

All: 68.855+/-0.501 χ^2/NDF : 7433.5/60

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.956 ± 0.654 χ^2/NDF : 252.8/12

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -12.035 ± 0.651 χ^2/NDF : 389.7/11

Left: -11.498 ± 0.462 χ^2/NDF : 643.8/24

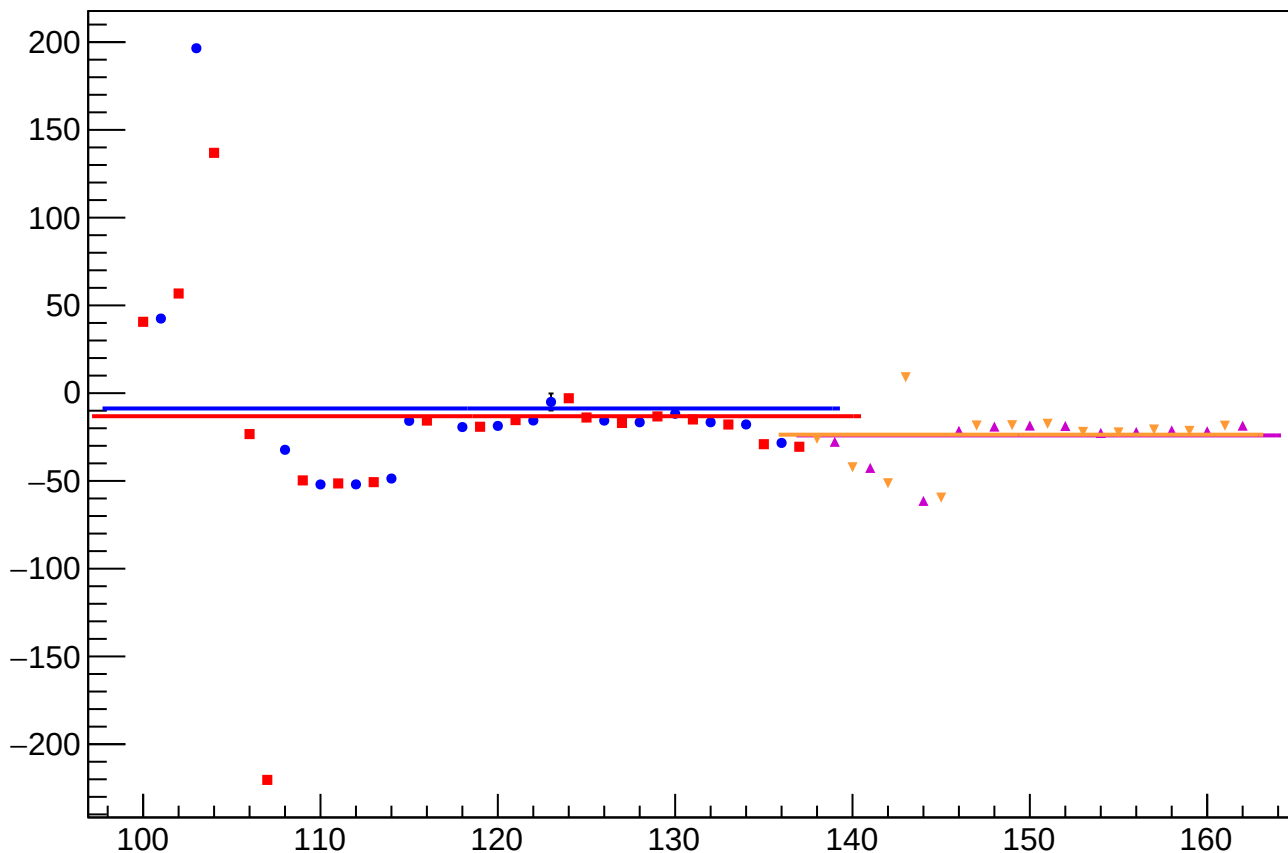
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -18.501 ± 0.541 χ^2/NDF : 1198.9/28

Out: -18.321 ± 0.551 χ^2/NDF : 986.0/31

All: -18.412 ± 0.386 χ^2/NDF : 2185.0/60

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -23.649 ± 0.031 $\chi^2/\text{NDF}: 173342.1/12$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -24.078 ± 0.030 $\chi^2/\text{NDF}: 101207.1/11$

Left: -23.870 ± 0.022 $\chi^2/\text{NDF}: 274648.1/24$

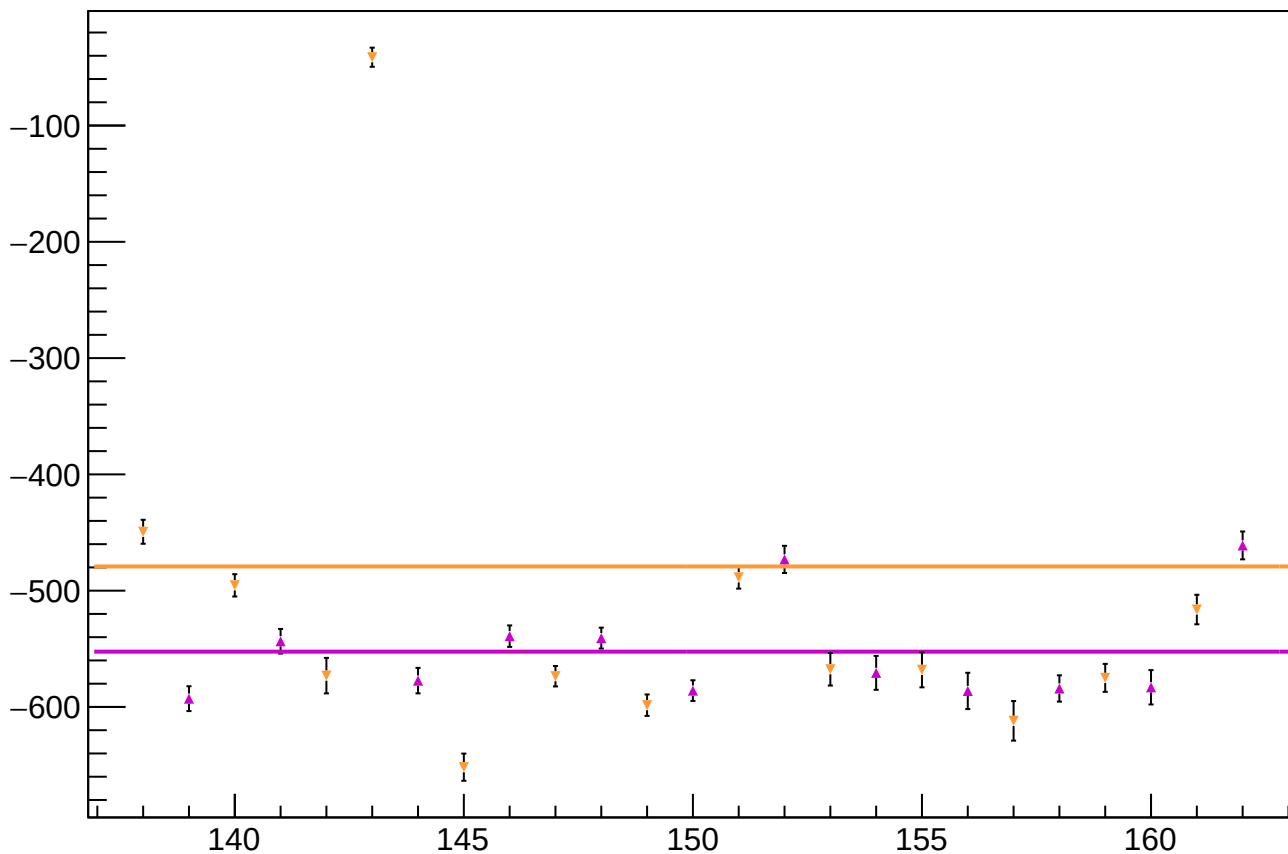
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.901 ± 0.027 $\chi^2/\text{NDF}: 731005.1/28$

Out: -21.544 ± 0.028 $\chi^2/\text{NDF}: 755154.7/31$

All: -21.212 ± 0.019 $\chi^2/\text{NDF}: 1486439.5/60$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -479.187+/-3.042 χ^2/NDF :3592.2/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.444+/-3.189 χ^2/NDF :160.8/11

Left: -514.081+/-2.201 χ^2/NDF : 4029.2/24

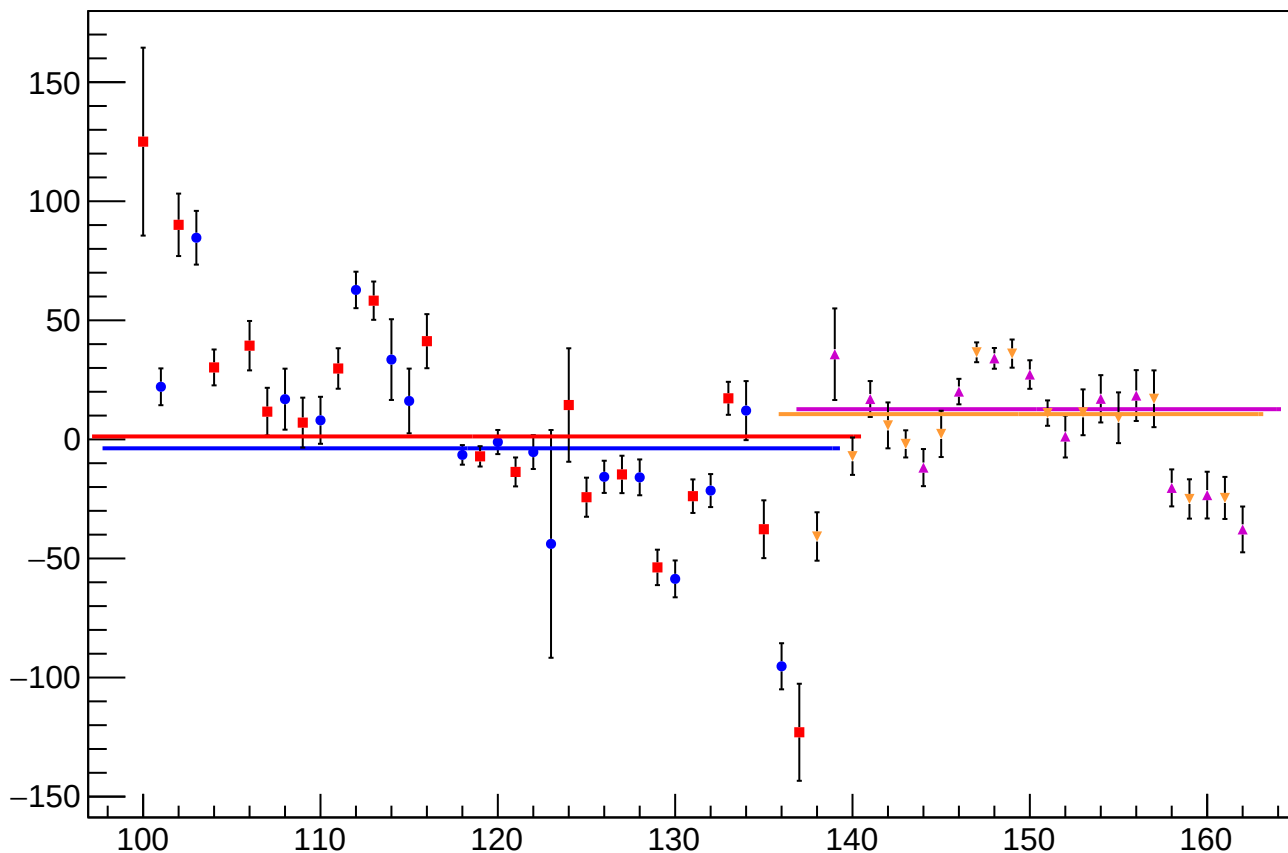
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.444+/-3.189 χ^2/NDF :160.8/11

Out: -479.187+/-3.042 χ^2/NDF :3592.2/12

All: -514.081+/-2.201 χ^2/NDF : 4029.2/24

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 $\chi^2/\text{NDF}: 314.1/16$

Left Out: 10.615 ± 1.986 $\chi^2/\text{NDF}: 128.6/12$

Right Out: 1.241 ± 1.916 $\chi^2/\text{NDF}: 303.5/18$

Left In: 12.686 ± 2.124 $\chi^2/\text{NDF}: 104.8/11$

Left: 11.581 ± 1.450 $\chi^2/\text{NDF}: 233.9/24$

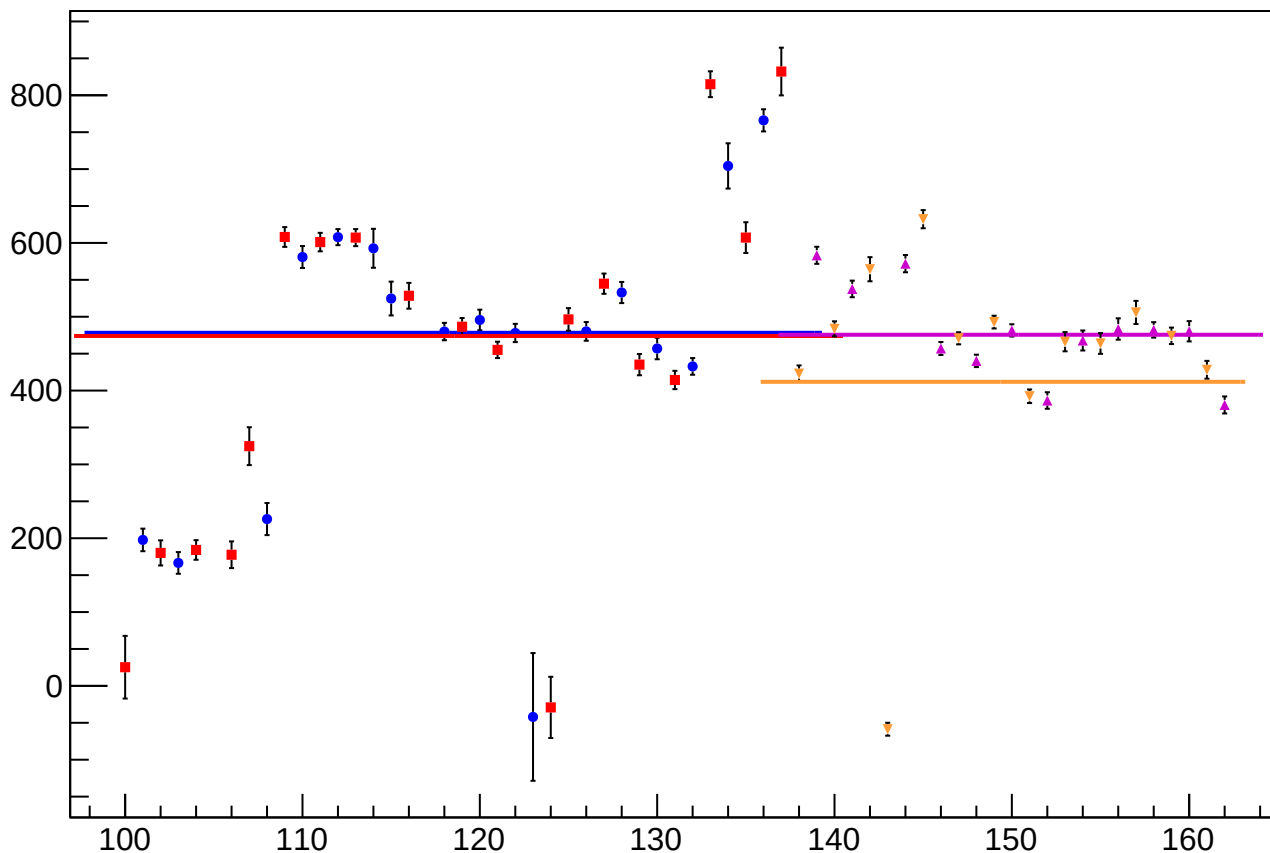
Right: -1.282 ± 1.346 $\chi^2/\text{NDF}: 621.1/35$

In: 3.526 ± 1.413 $\chi^2/\text{NDF}: 452.3/28$

Out: 5.760 ± 1.379 $\chi^2/\text{NDF}: 443.7/31$

All: 4.670 ± 0.987 $\chi^2/\text{NDF}: 897.2/60$

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 411.884+/-3.003 χ^2/NDF : 3578.8/12

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 475.609+/-3.097 χ^2/NDF : 339.7/11

Left: 442.767+/-2.156 χ^2/NDF : 4136.7/24

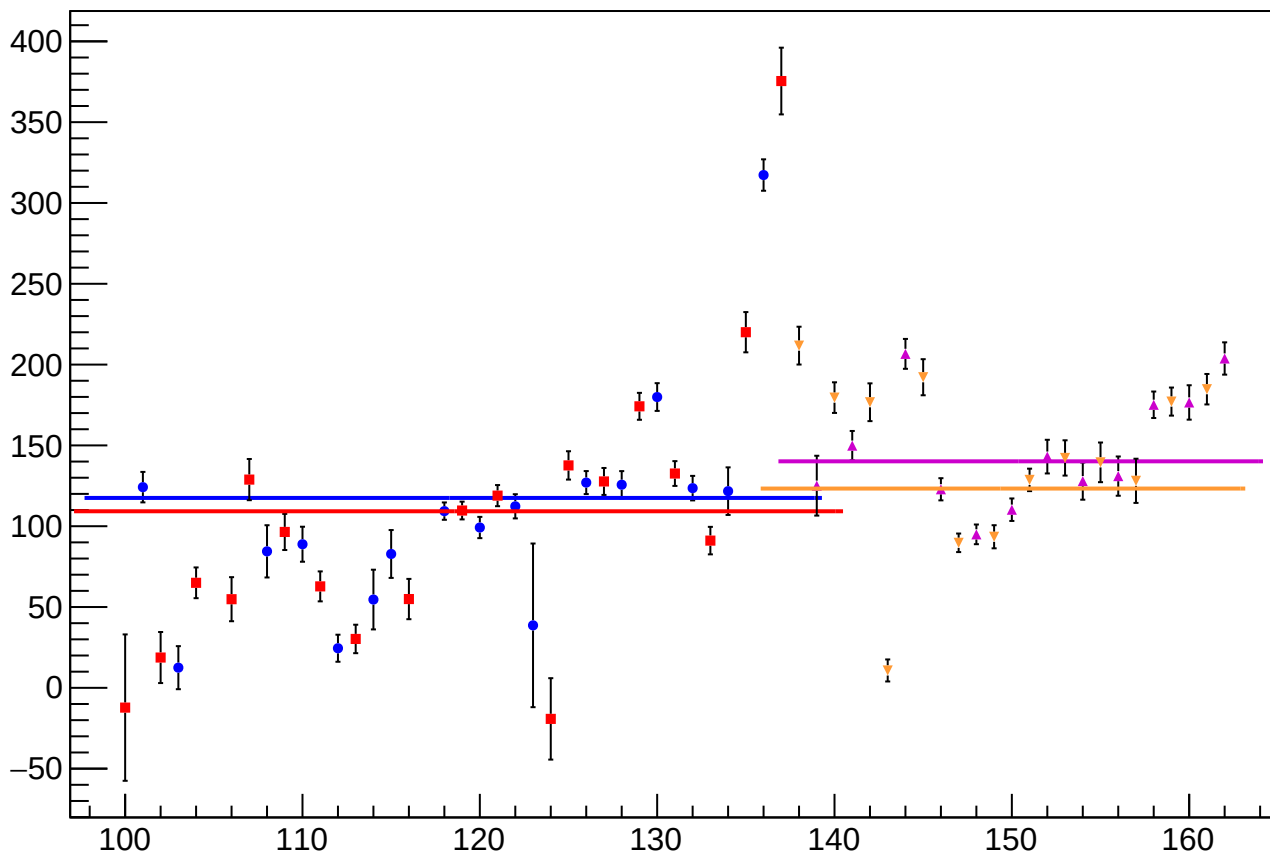
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 476.725+/-2.358 χ^2/NDF : 1967.9/28

Out: 437.960+/-2.287 χ^2/NDF : 6046.7/31

All: 456.749+/-1.642 χ^2/NDF : 8153.9/60

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 123.301 $\pm$ 2.419 χ^2 /NDF:562.1/12

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 140.149 $\pm$ 2.557 χ^2 /NDF:205.6/11

Left: 131.258 $\pm$ 1.757 χ^2 /NDF: 790.6/24

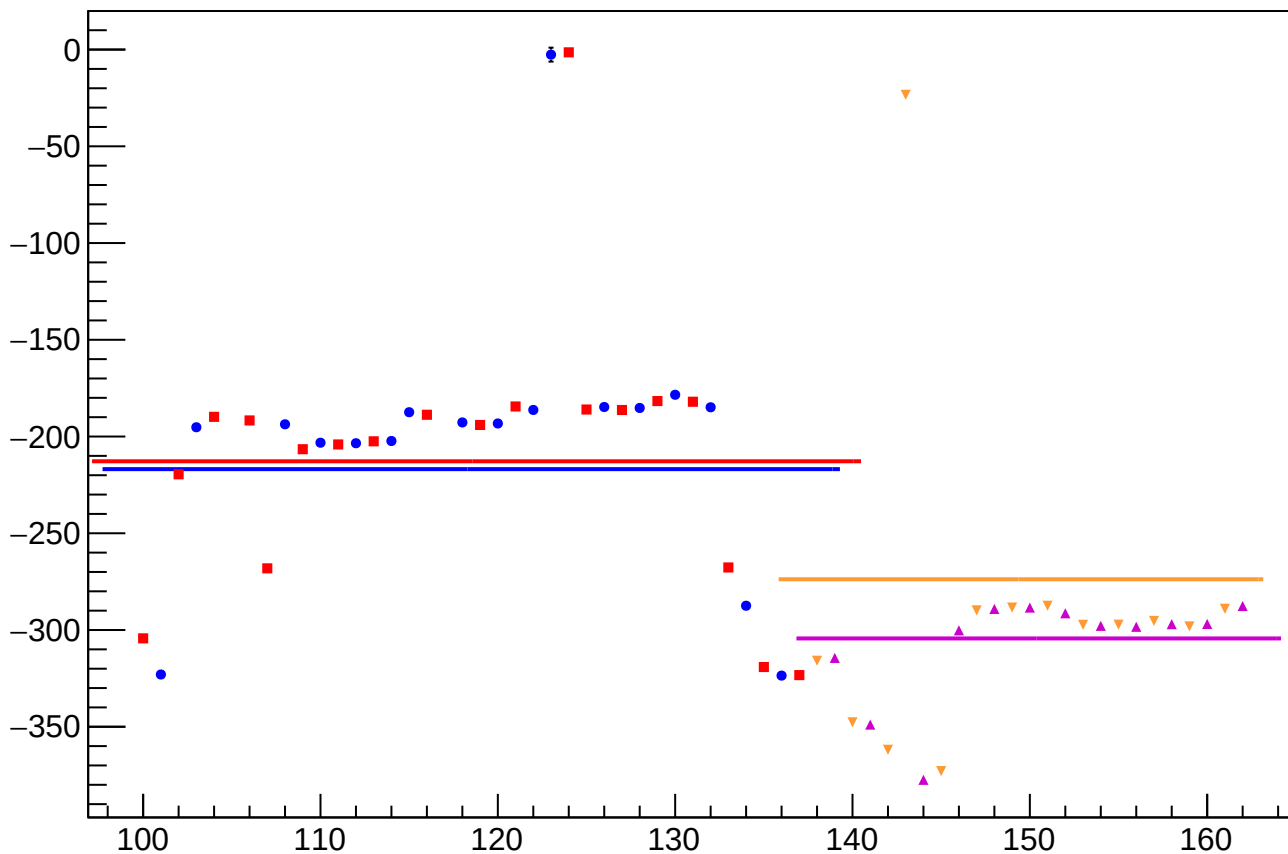
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 127.122 $\pm$ 1.667 χ^2 /NDF:956.7/28

Out: 115.627 $\pm$ 1.630 χ^2 /NDF:1149.9/31

All: 121.246 $\pm$ 1.165 χ^2 /NDF: 2130.9/60

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -273.776+/-0.121 χ^2/NDF : 617172.0/12

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -304.358+/-0.123 χ^2/NDF : 37585.3/11

Left: -288.802+/-0.086 χ^2/NDF : 686169.2/24

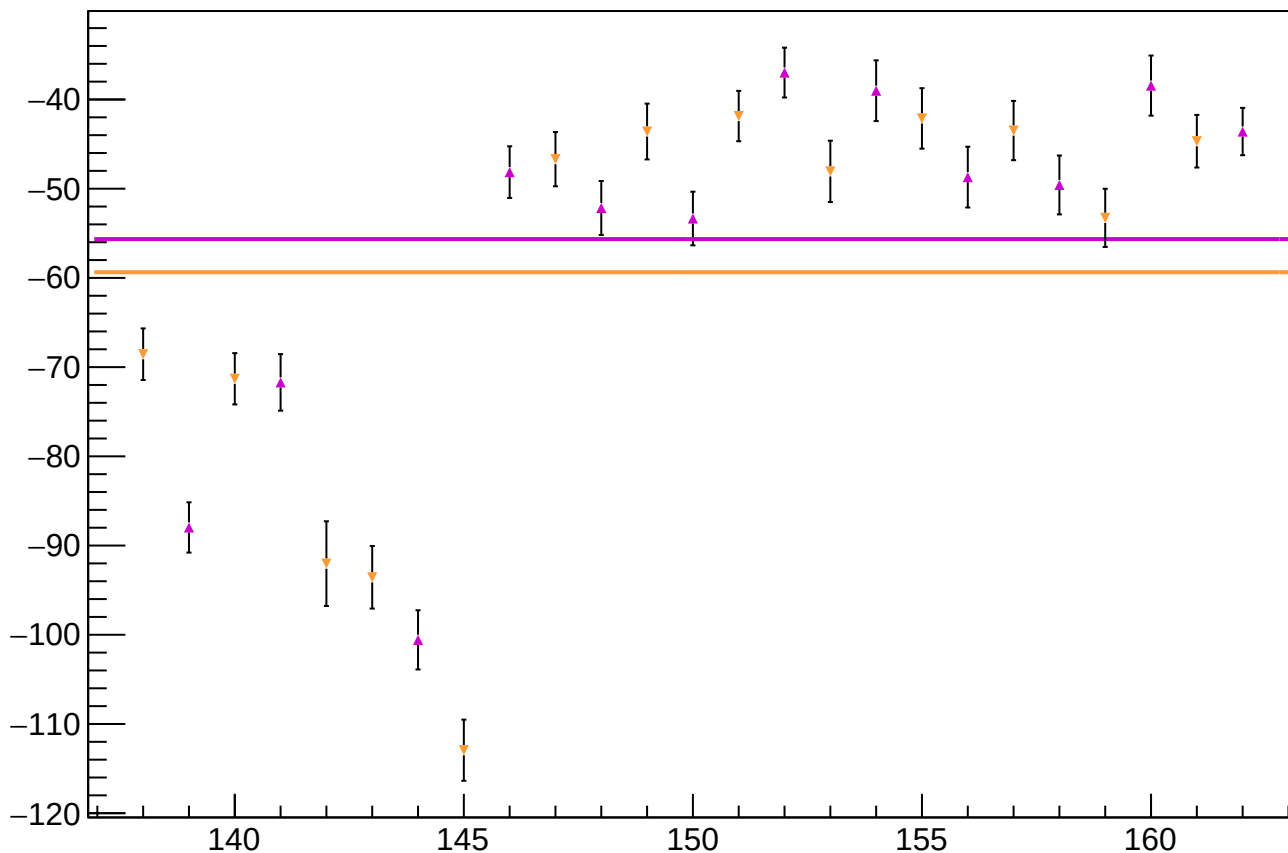
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -264.919+/-0.091 χ^2/NDF : 412376.5/28

Out: -245.497+/-0.089 χ^2/NDF : 851655.0/31

All: -254.923+/-0.064 χ^2/NDF : 1287369.3/60

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



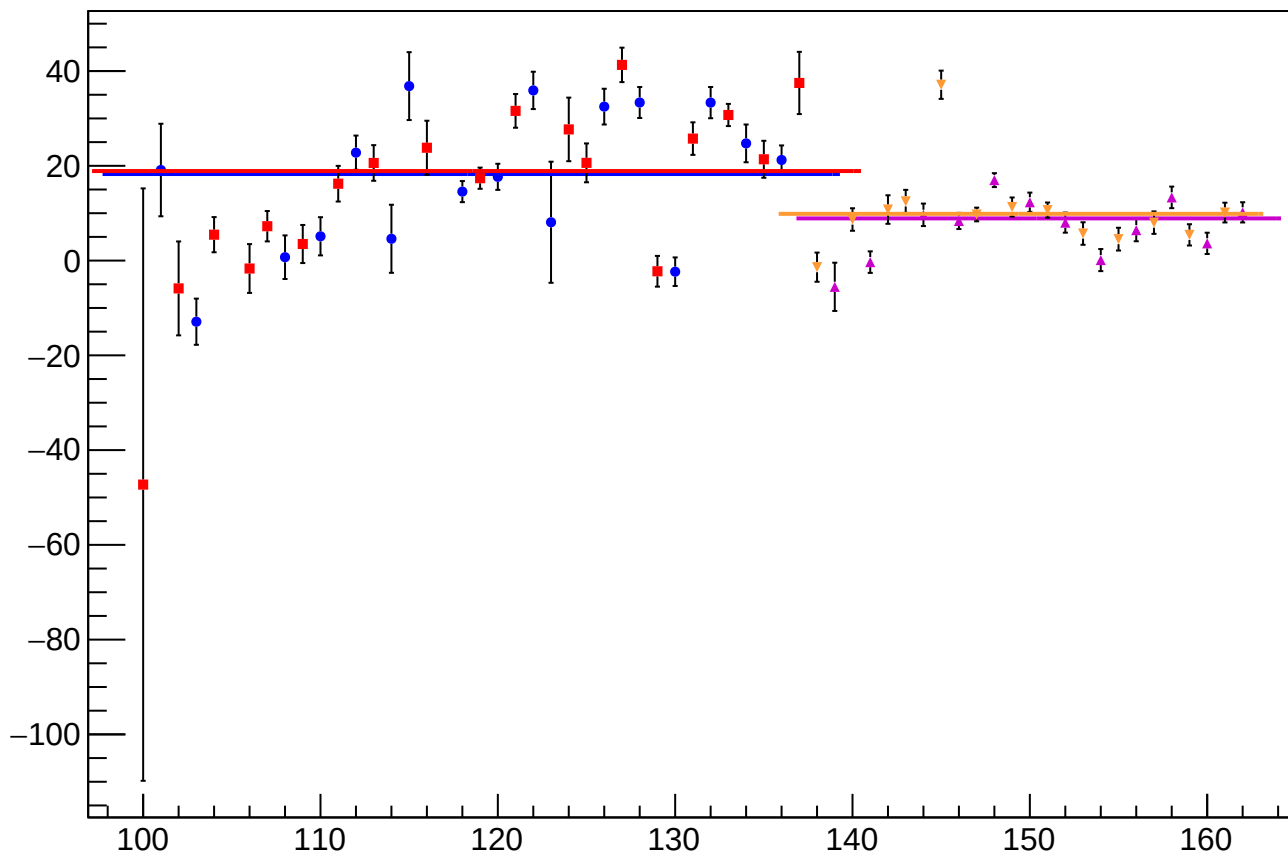
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -59.361+/-0.891 χ^2/NDF :583.2/12
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.647+/-0.884 χ^2/NDF :471.8/11

Left: -57.490+/-0.628 χ^2/NDF : 1063.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.647+/-0.884 χ^2/NDF :471.8/11
 Out: -59.361+/-0.891 χ^2/NDF :583.2/12

All: -57.490+/-0.628 χ^2/NDF : 1063.7/24

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.866 ± 0.603 χ^2/NDF : 111.7/12

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.903 ± 0.614 χ^2/NDF : 82.9/11

Left: 9.393 ± 0.430 χ^2/NDF : 195.8/24

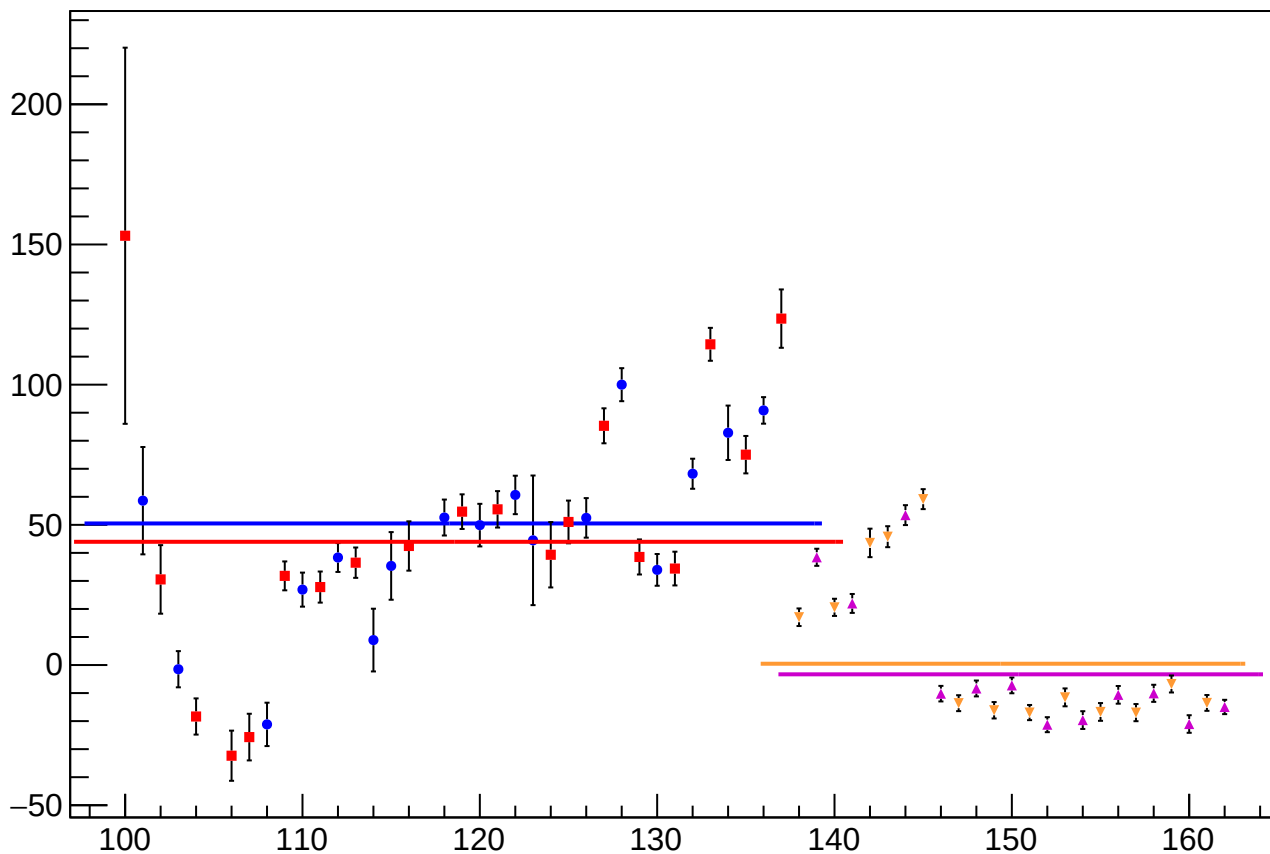
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.845 ± 0.508 χ^2/NDF : 364.4/28

Out: 12.825 ± 0.495 χ^2/NDF : 384.3/31

All: 12.348 ± 0.354 χ^2/NDF : 750.6/60

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: 0.464 ± 0.872 $\chi^2/\text{NDF}: 766.4/12$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -3.313 ± 0.858 $\chi^2/\text{NDF}: 645.3/11$

Left: -1.455 ± 0.612 $\chi^2/\text{NDF}: 1421.3/24$

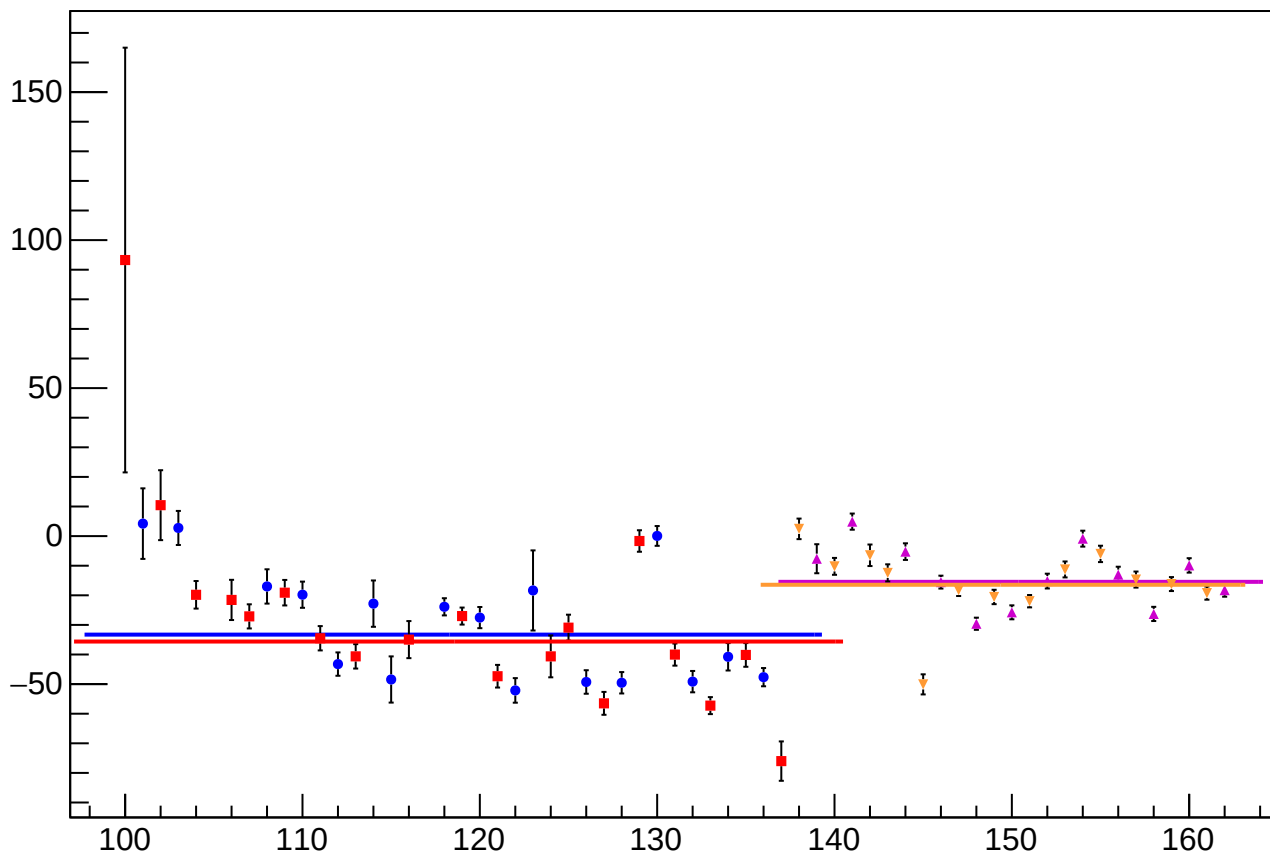
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: 7.912 ± 0.763 $\chi^2/\text{NDF}: 1829.3/28$

Out: 10.394 ± 0.766 $\chi^2/\text{NDF}: 1868.7/31$

All: 9.149 ± 0.541 $\chi^2/\text{NDF}: 3703.4/60$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.438 ± 0.721 χ^2/NDF : 172.6/12

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.448 ± 0.723 χ^2/NDF : 195.4/11

Left: -15.945 ± 0.510 χ^2/NDF : 368.9/24

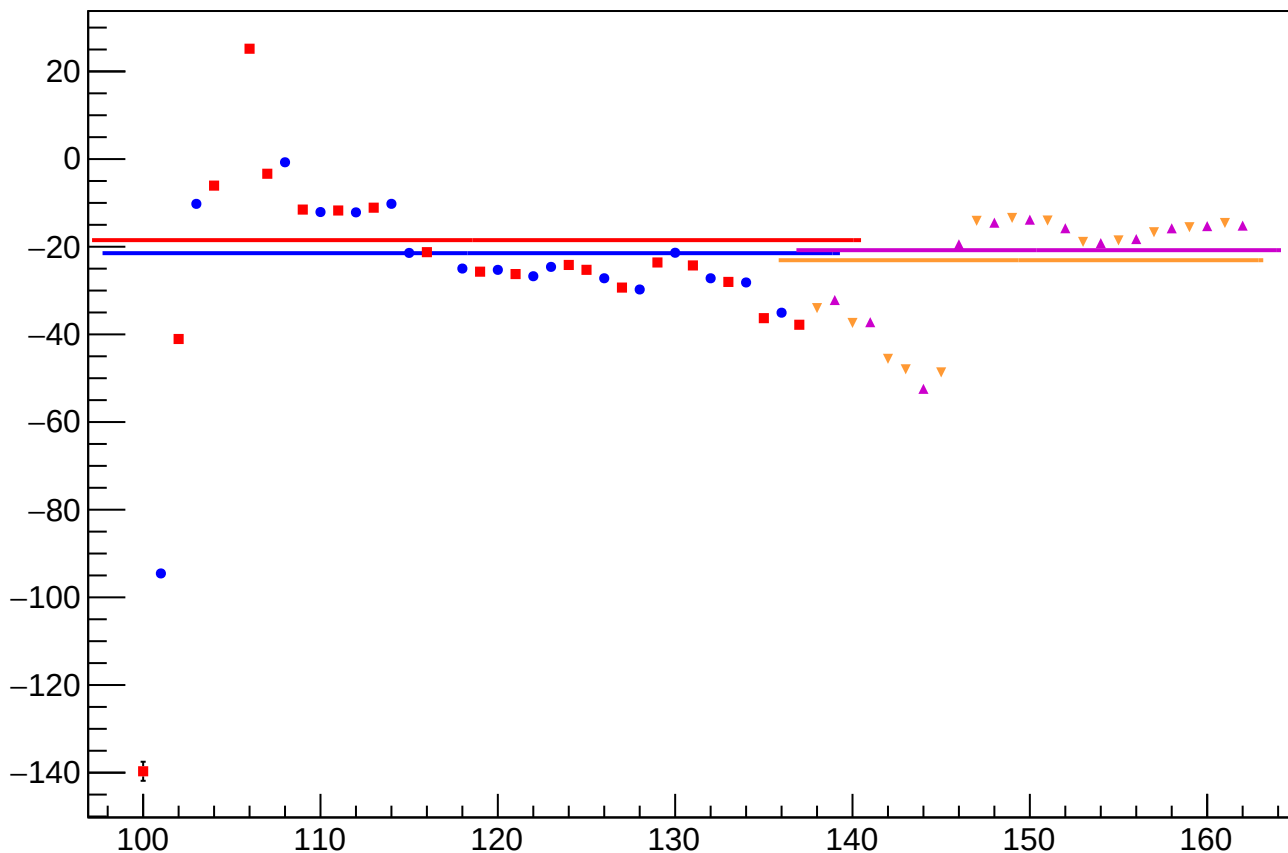
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -21.297 ± 0.593 χ^2/NDF : 687.9/28

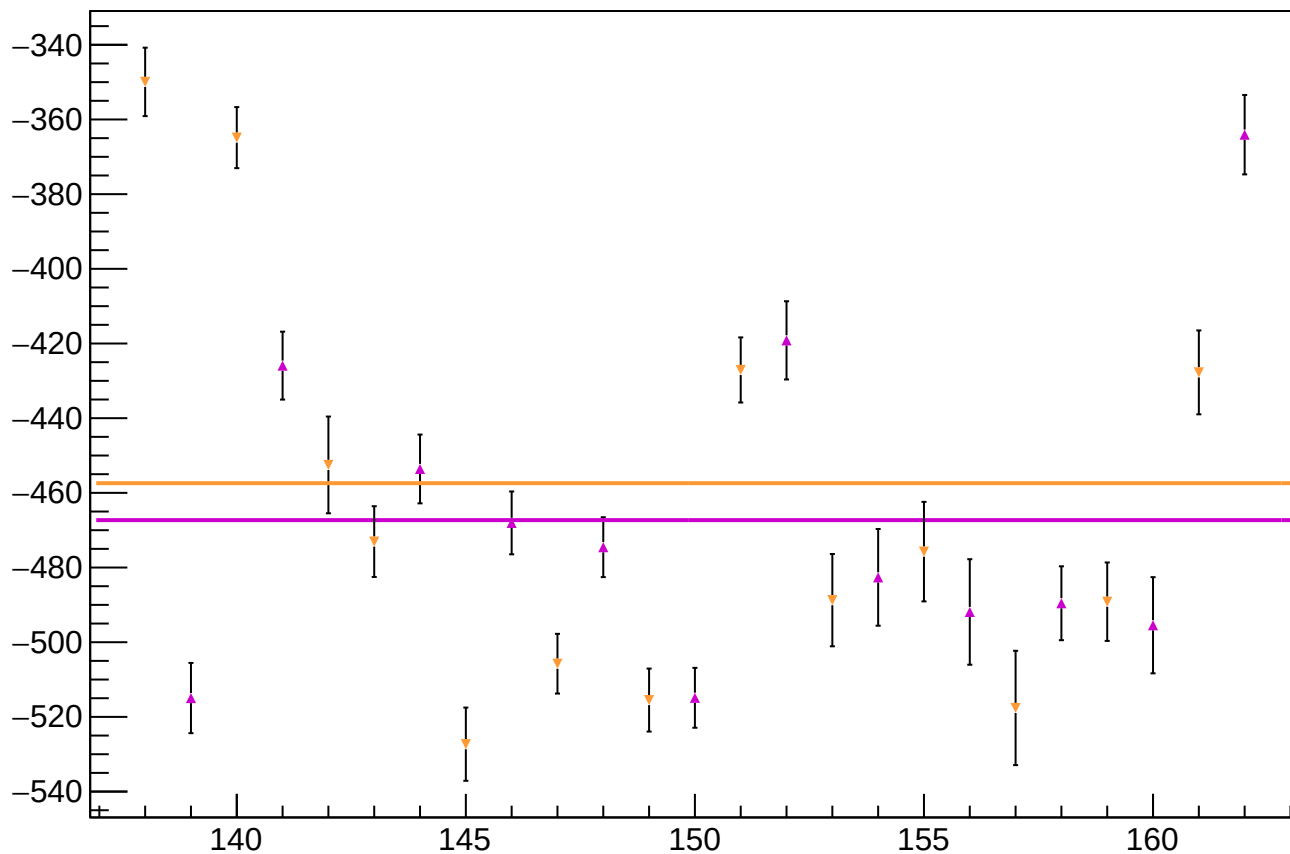
Out: -23.059 ± 0.583 χ^2/NDF : 705.0/31

All: -22.192 ± 0.416 χ^2/NDF : 1397.3/60

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -457.405+/-2.767 χ^2/NDF :455.3/12

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: -462.256+/-1.976 χ^2/NDF : 675.8/24

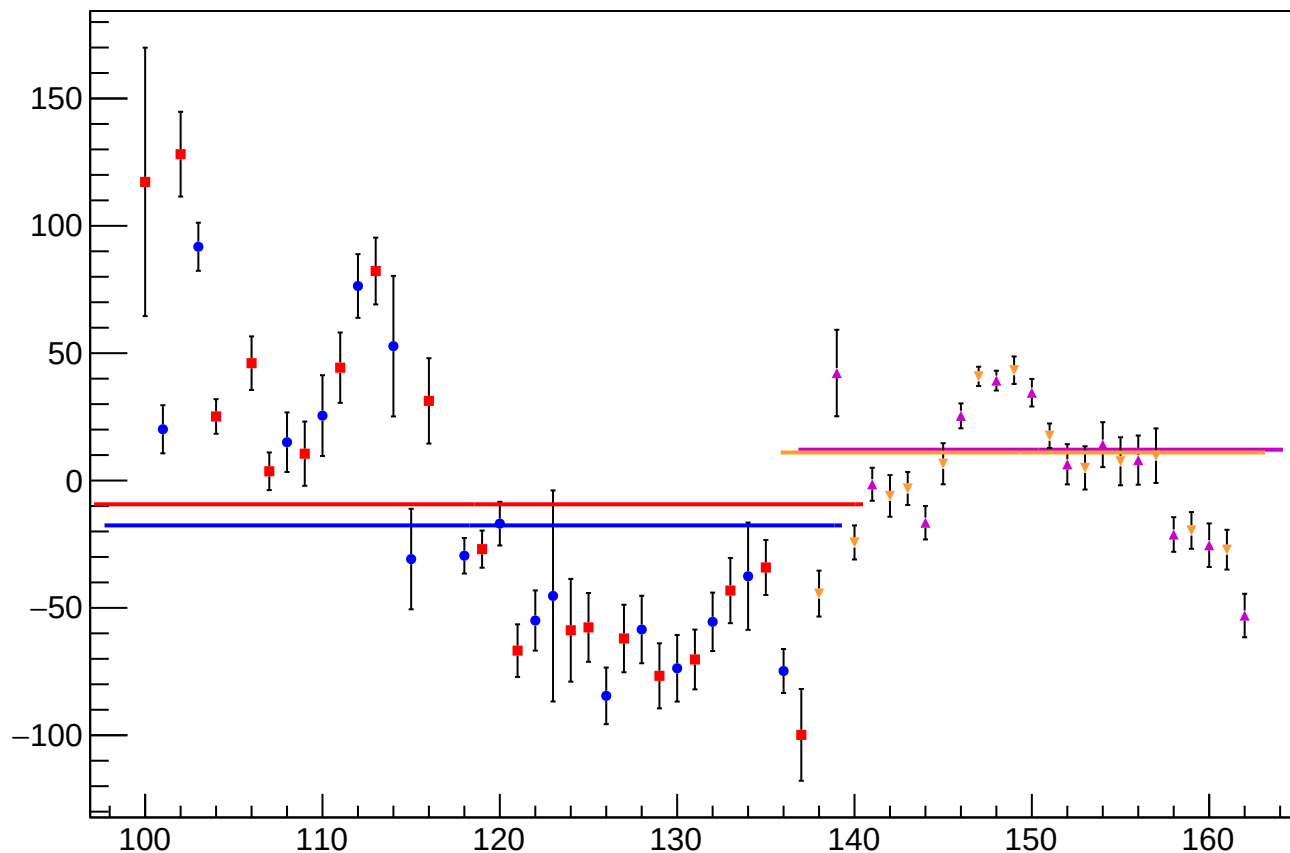
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.303+/-2.822 χ^2/NDF :214.2/11

Out: -457.405+/-2.767 χ^2/NDF :455.3/12

All: -462.256+/-1.976 χ^2/NDF : 675.8/24

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 11.008 ± 1.810 $\chi^2/\text{NDF}: 217.6/12$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 12.114 ± 1.884 $\chi^2/\text{NDF}: 202.0/11$

Left: 11.538 ± 1.305 $\chi^2/\text{NDF}: 419.7/24$

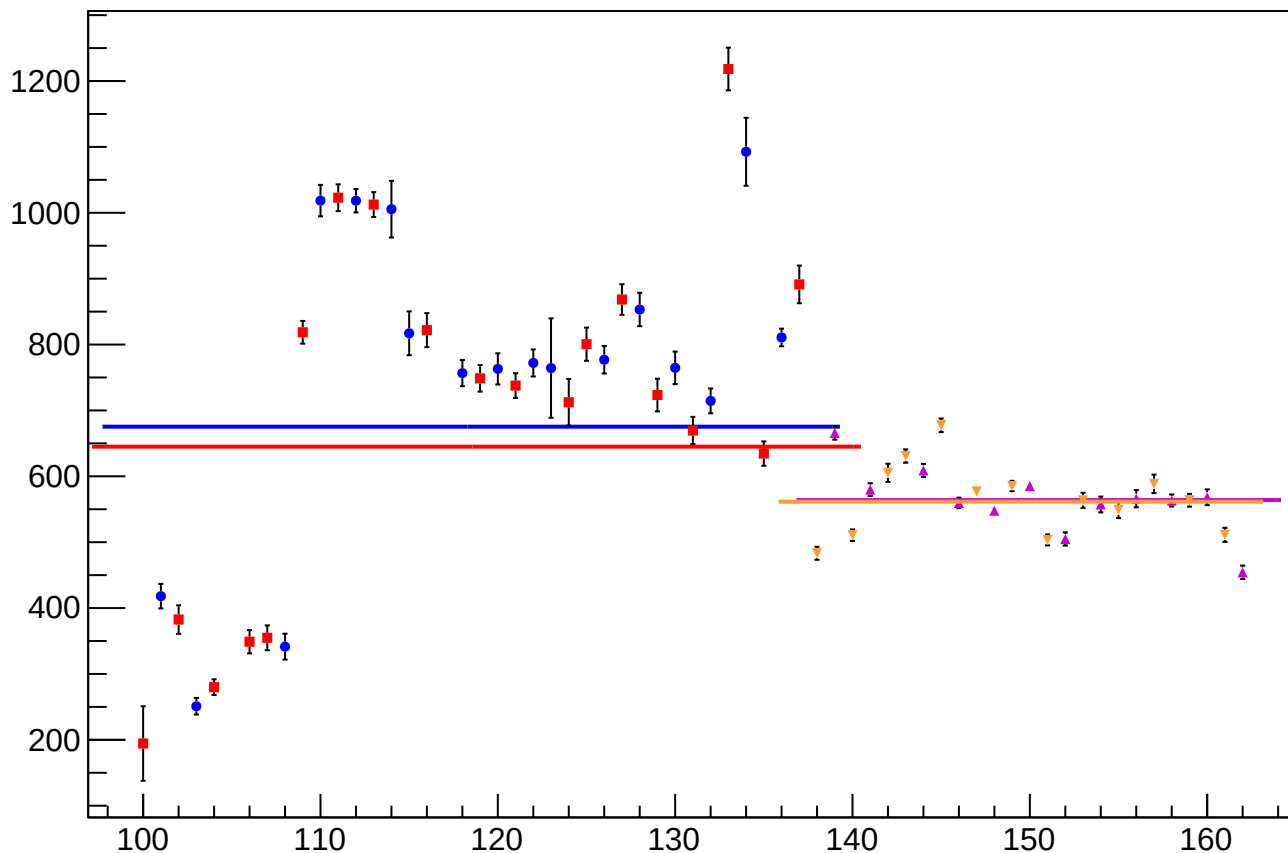
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 2.783 ± 1.561 $\chi^2/\text{NDF}: 642.1/28$

Out: 4.403 ± 1.487 $\chi^2/\text{NDF}: 625.0/31$

All: 3.632 ± 1.077 $\chi^2/\text{NDF}: 1267.7/60$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 561.500 ± 2.726 χ^2/NDF : 368.1/12

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 563.893 ± 2.745 χ^2/NDF : 286.3/11

Left: 562.688 ± 1.934 χ^2/NDF : 654.8/24

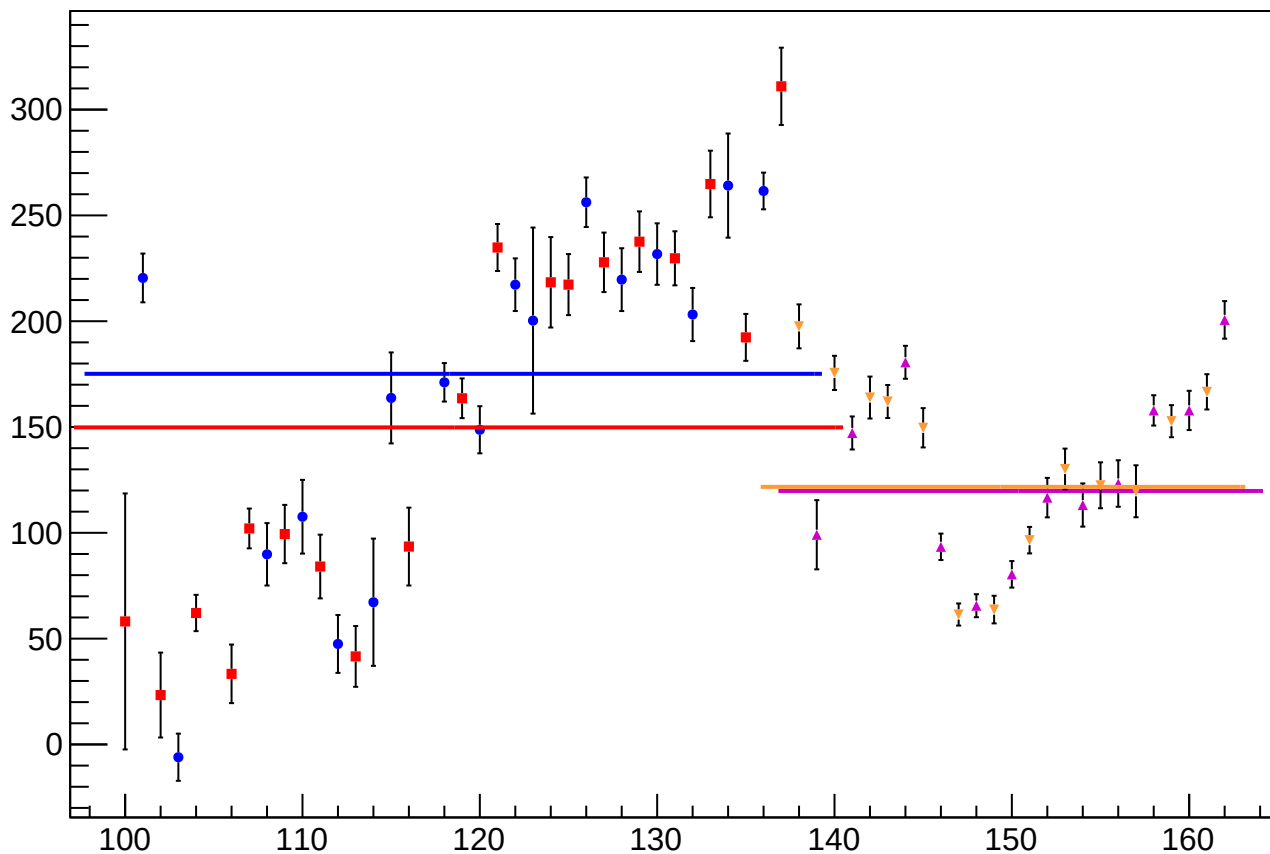
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 589.337 ± 2.411 χ^2/NDF : 3245.5/28

Out: 582.139 ± 2.365 χ^2/NDF : 3722.9/31

All: 585.669 ± 1.688 χ^2/NDF : 6972.9/60

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 121.721 $\pm$ 2.203 χ^2 /NDF:426.7/12

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 119.783 $\pm$ 2.266 χ^2 /NDF:360.4/11

Left: 120.780 $\pm$ 1.580 χ^2 /NDF: 787.4/24

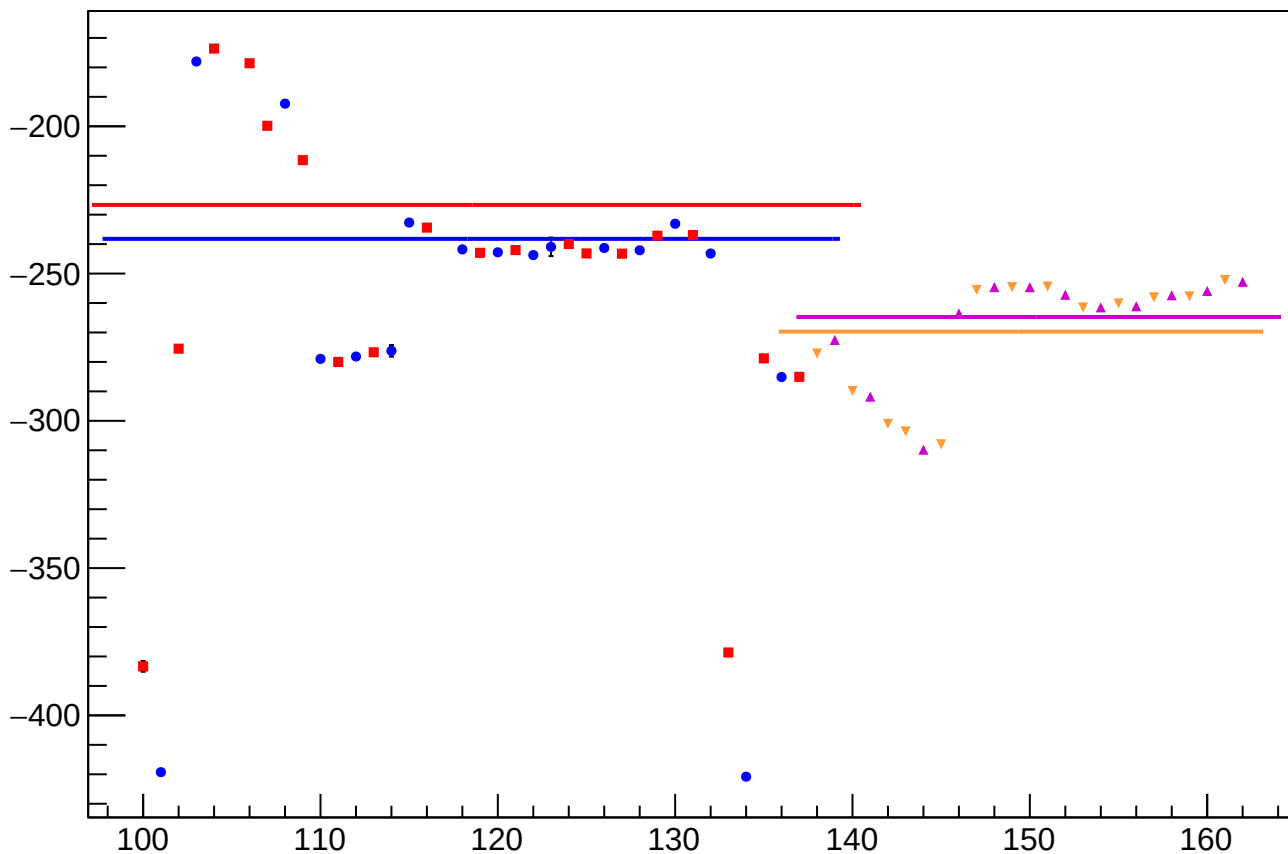
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 138.206 $\pm$ 1.851 χ^2 /NDF:1194.5/28

Out: 131.390 $\pm$ 1.784 χ^2 /NDF:1171.2/31

All: 134.672 $\pm$ 1.285 χ^2 /NDF: 2372.7/60

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 χ^2/NDF : 167098.2/16

Left Out: -269.706 ± 0.110 χ^2/NDF : 31985.9/12

Right Out: -226.696 ± 0.151 χ^2/NDF : 102814.8/18

Left In: -264.740 ± 0.109 χ^2/NDF : 20455.2/11

Left: -267.207 ± 0.077 χ^2/NDF : 53472.1/24

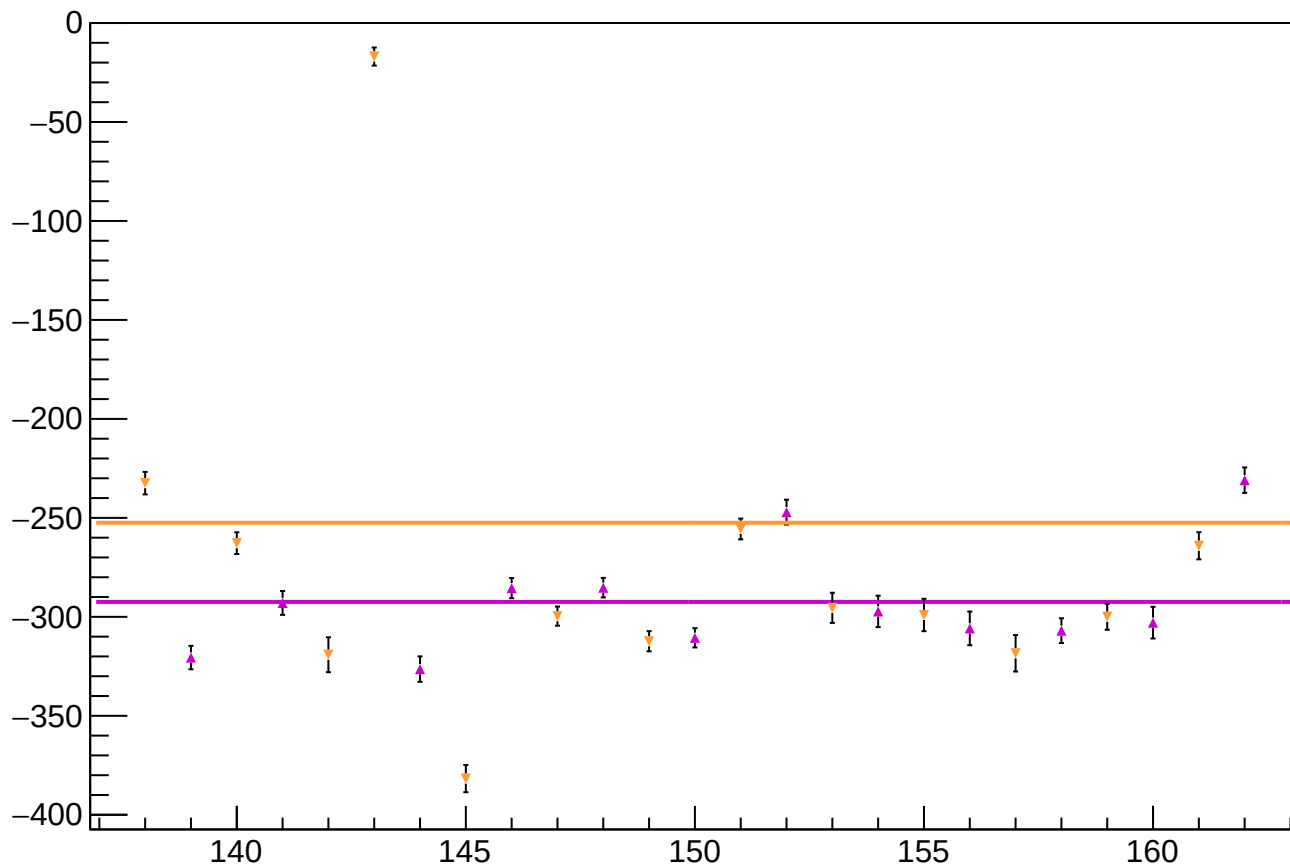
Right: -232.123 ± 0.110 χ^2/NDF : 272653.1/35

In: -256.335 ± 0.090 χ^2/NDF : 206309.9/28

Out: -254.854 ± 0.089 χ^2/NDF : 187877.3/31

All: -255.583 ± 0.063 χ^2/NDF : 394324.2/60

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: -252.453+/-1.685 χ^2/NDF :3493.9/12

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: -271.566+/-1.218 χ^2/NDF : 3984.7/24

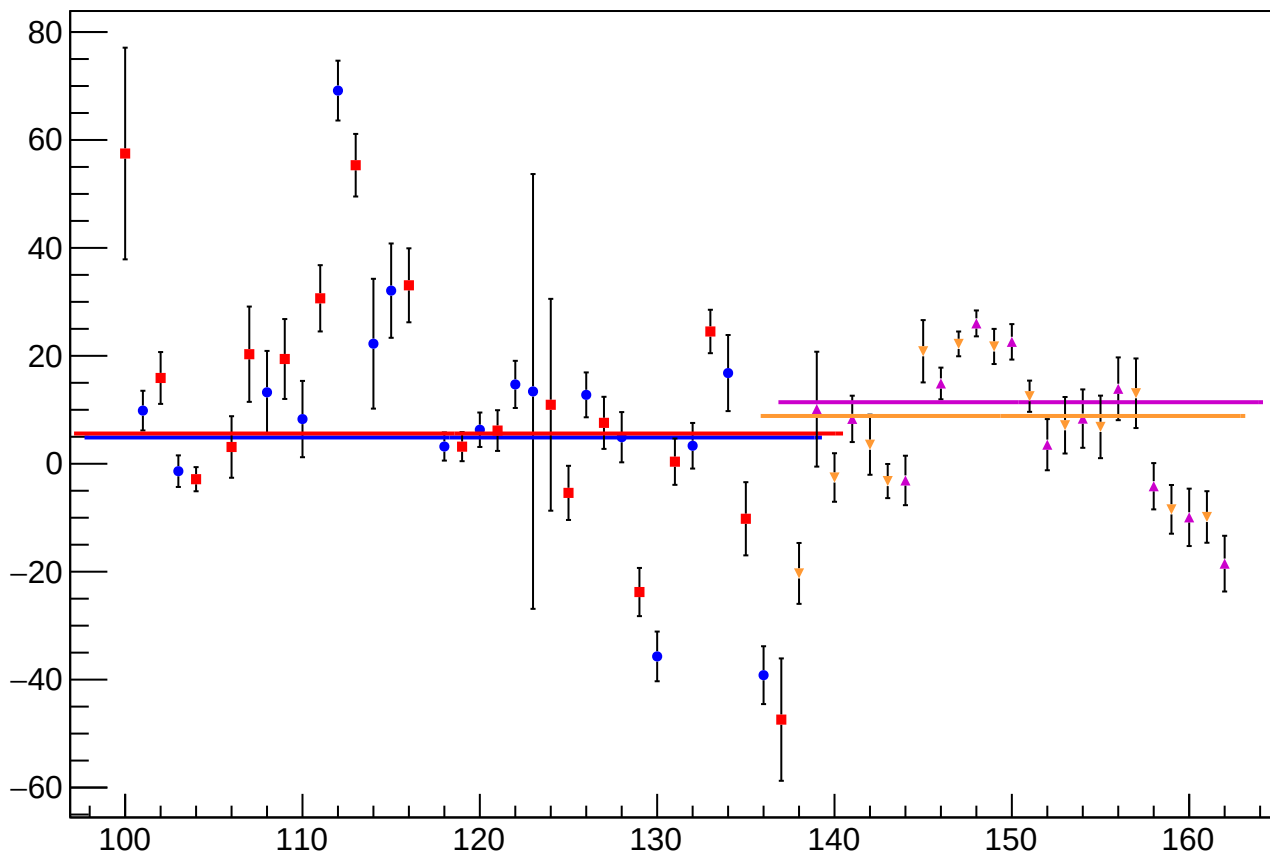
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -292.456+/-1.762 χ^2/NDF :221.7/11

Out: -252.453+/-1.685 χ^2/NDF :3493.9/12

All: -271.566+/-1.218 χ^2/NDF : 3984.7/24

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 8.855 ± 1.098 χ^2/NDF : 134.8/12

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 11.407 ± 1.172 χ^2/NDF : 126.6/11

Left: 10.048 ± 0.801 χ^2/NDF : 263.9/24

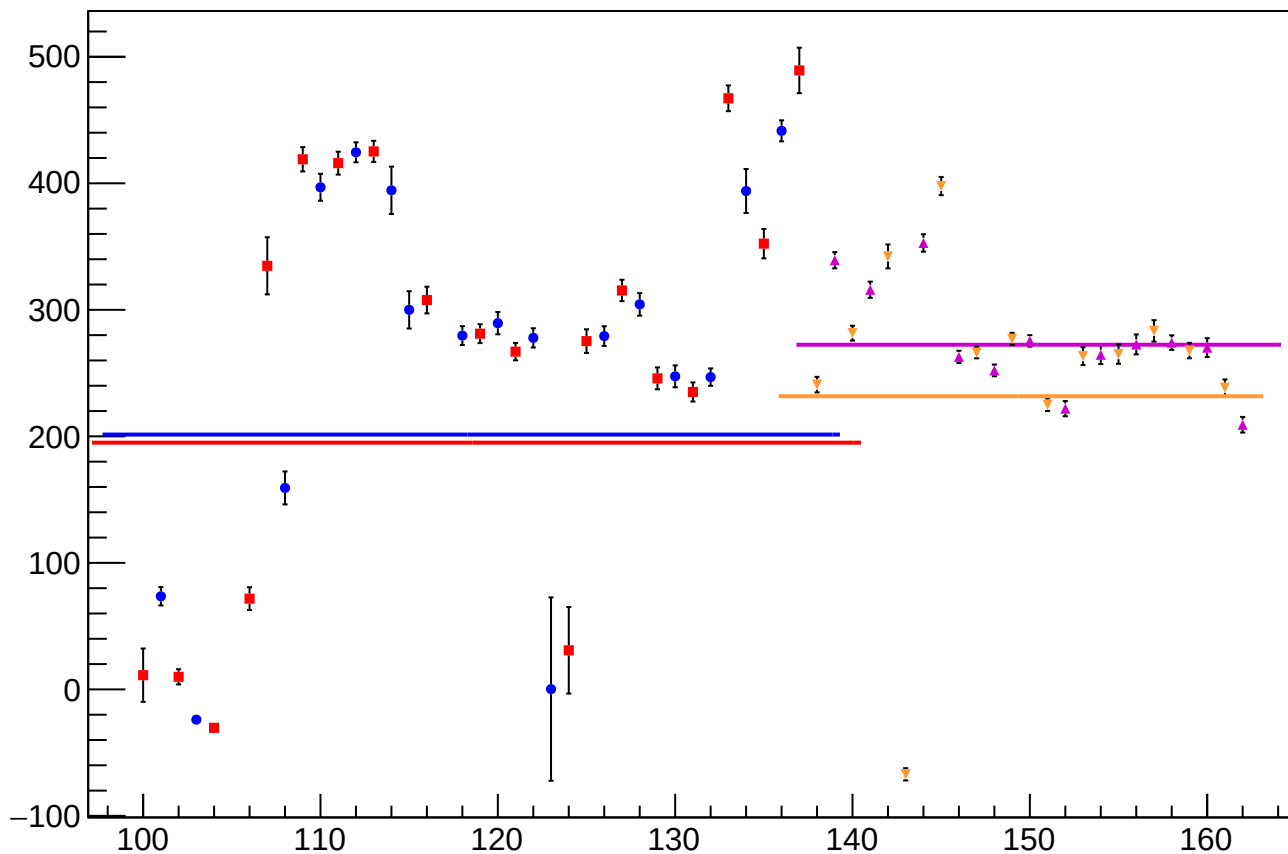
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 7.904 ± 0.798 χ^2/NDF : 454.8/28

Out: 7.187 ± 0.766 χ^2/NDF : 377.8/31

All: 7.531 ± 0.553 χ^2/NDF : 833.1/60

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 231.715 $\pm$ 1.660 χ^2 /NDF: 4774.1/12

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 272.426 $\pm$ 1.708 χ^2 /NDF: 490.3/11

Left: 251.499 $\pm$ 1.190 χ^2 /NDF: 5556.6/24

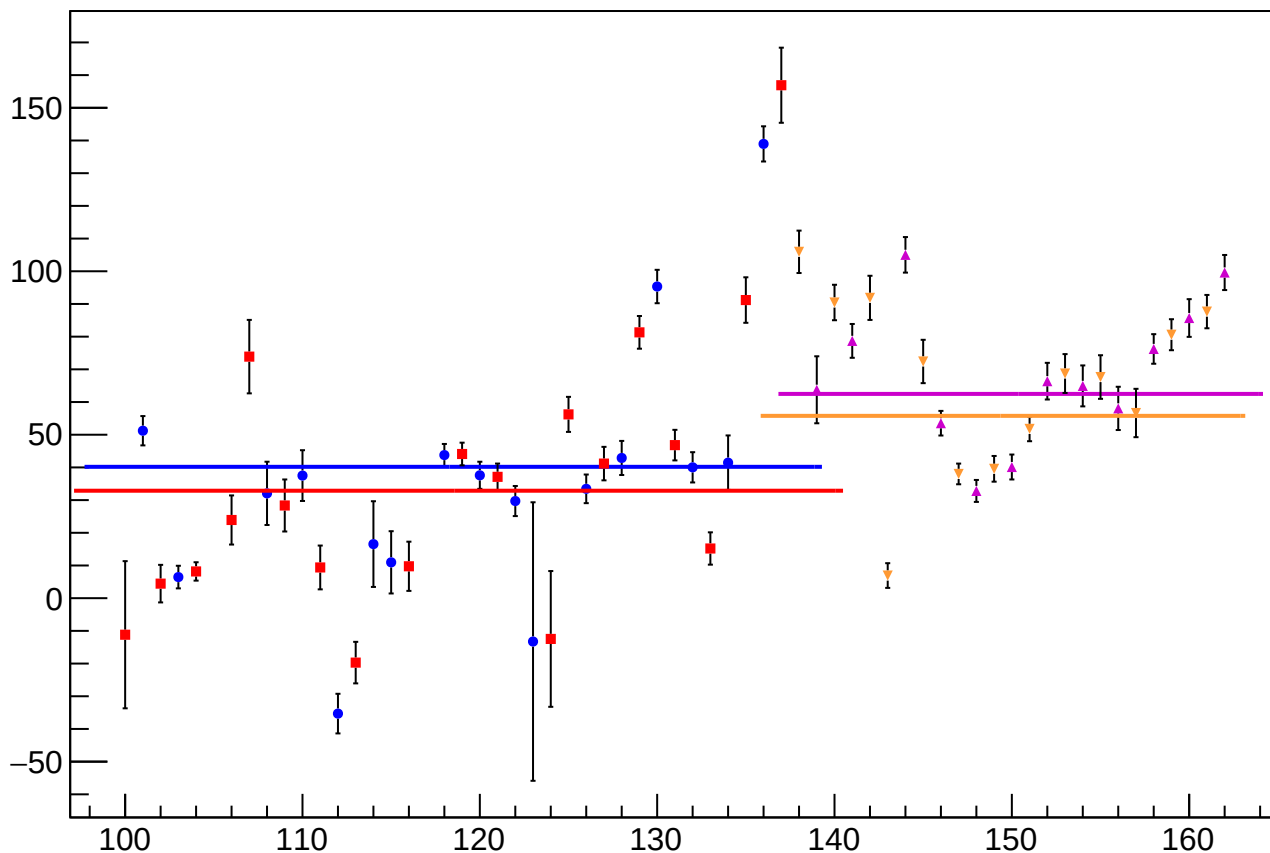
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 242.020 $\pm$ 1.291 χ^2 /NDF: 7971.2/28

Out: 216.046 $\pm$ 1.257 χ^2 /NDF: 13237.3/31

All: 228.680 $\pm$ 0.901 χ^2 /NDF: 21416.3/60

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 55.773+/-1.337 χ^2/NDF : 426.7/12

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 62.486+/-1.411 χ^2/NDF : 263.6/11

Left: 58.950+/-0.970 χ^2/NDF : 702.2/24

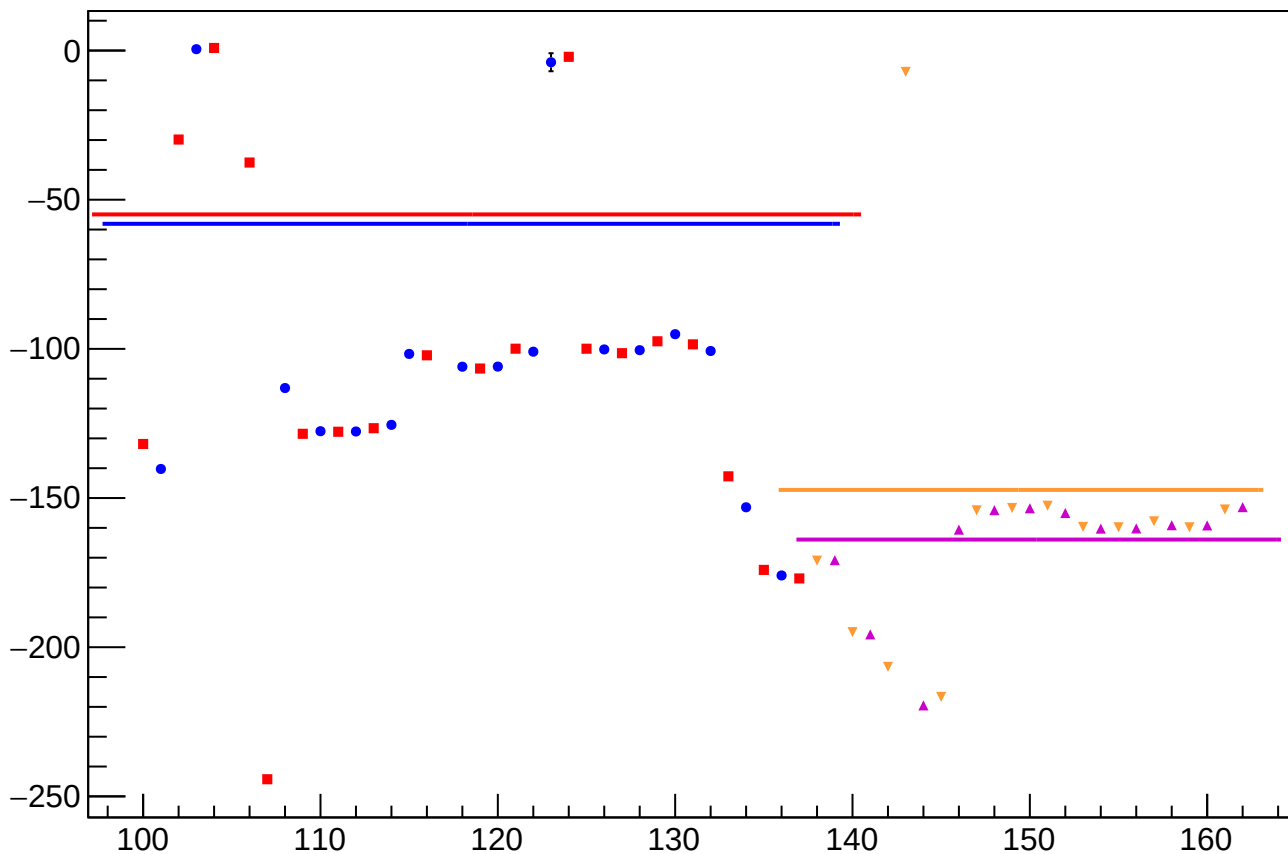
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 50.165+/-0.944 χ^2/NDF : 1135.6/28

Out: 43.560+/-0.913 χ^2/NDF : 1134.1/31

All: 46.755+/-0.656 χ^2/NDF : 2295.1/60

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -147.273 $\pm$ 0.067 χ^2 /NDF: 654873.3/12

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -163.922 $\pm$ 0.068 χ^2 /NDF: 60043.6/11

Left: -155.474 $\pm$ 0.048 χ^2 /NDF: 745533.7/24

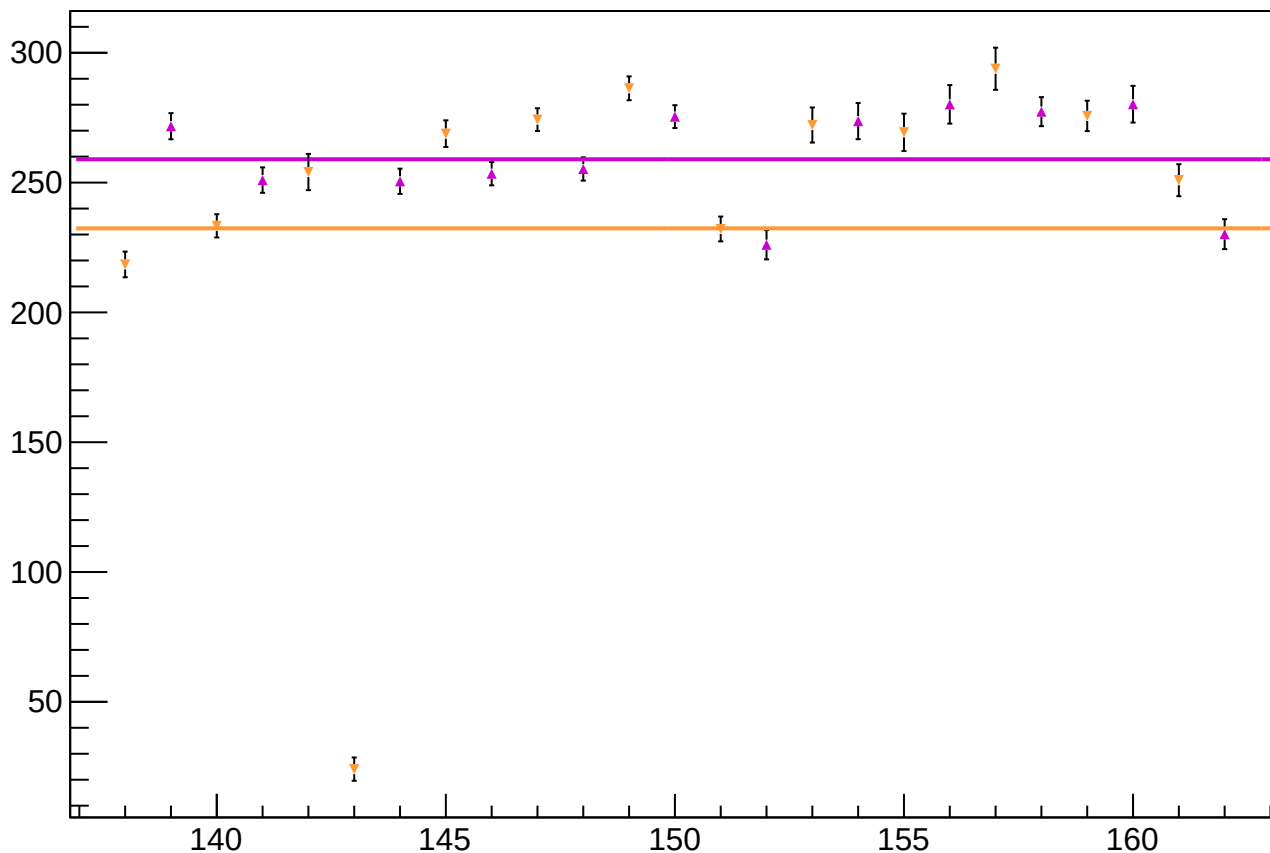
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -105.976 $\pm$ 0.046 χ^2 /NDF: 2499674.1/28

Out: -96.329 $\pm$ 0.045 χ^2 /NDF: 2713629.3/31

All: -101.059 $\pm$ 0.032 χ^2 /NDF: 5236122.0/60

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: 232.387+/-1.483 χ^2/NDF :2631.5/12

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: 245.260+/-1.065 χ^2/NDF : 2906.8/24

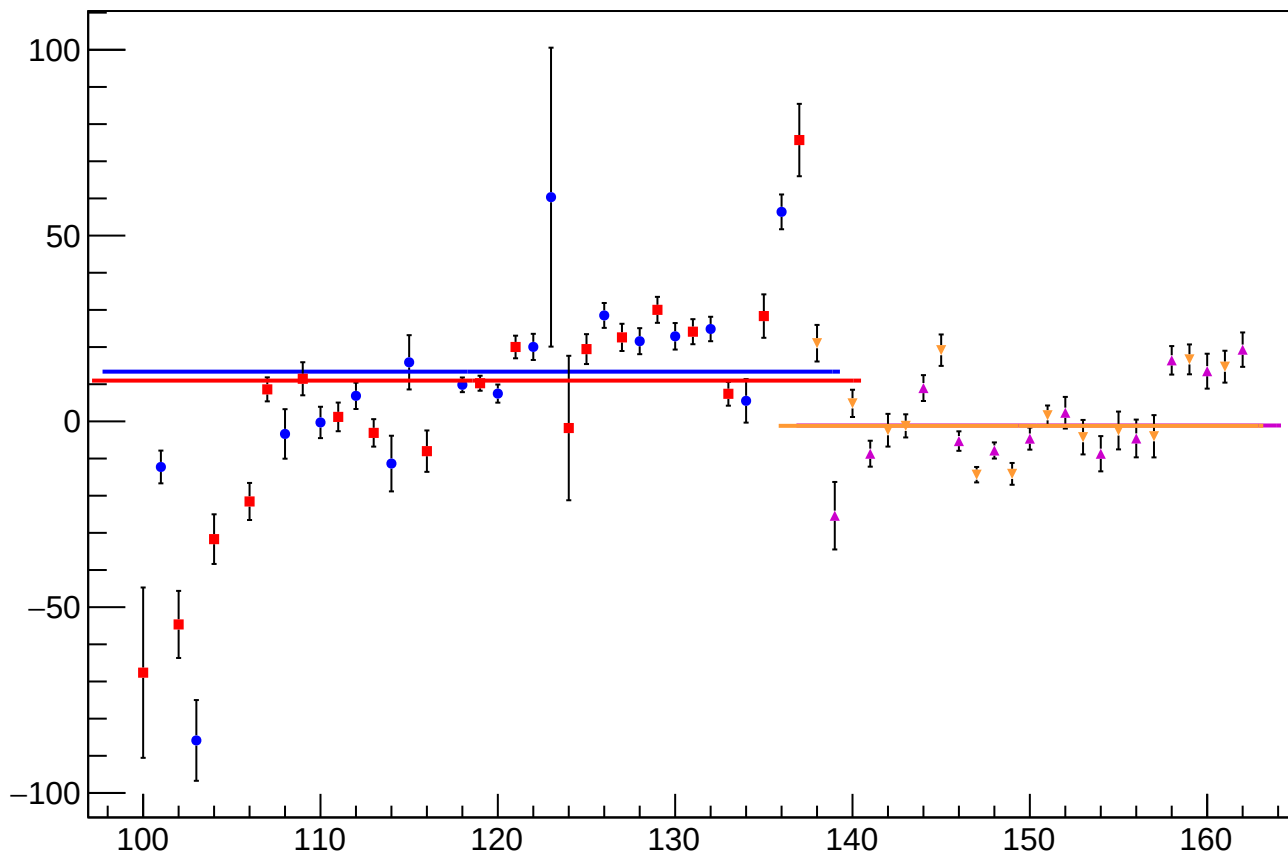
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.986+/-1.531 χ^2/NDF :119.6/11

Out: 232.387+/-1.483 χ^2/NDF :2631.5/12

All: 245.260+/-1.065 χ^2/NDF : 2906.8/24

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -1.198 ± 0.976 $\chi^2/\text{NDF}: 141.3/12$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -1.107 ± 1.028 $\chi^2/\text{NDF}: 87.5/11$

Left: -1.155 ± 0.708 $\chi^2/\text{NDF}: 228.8/24$

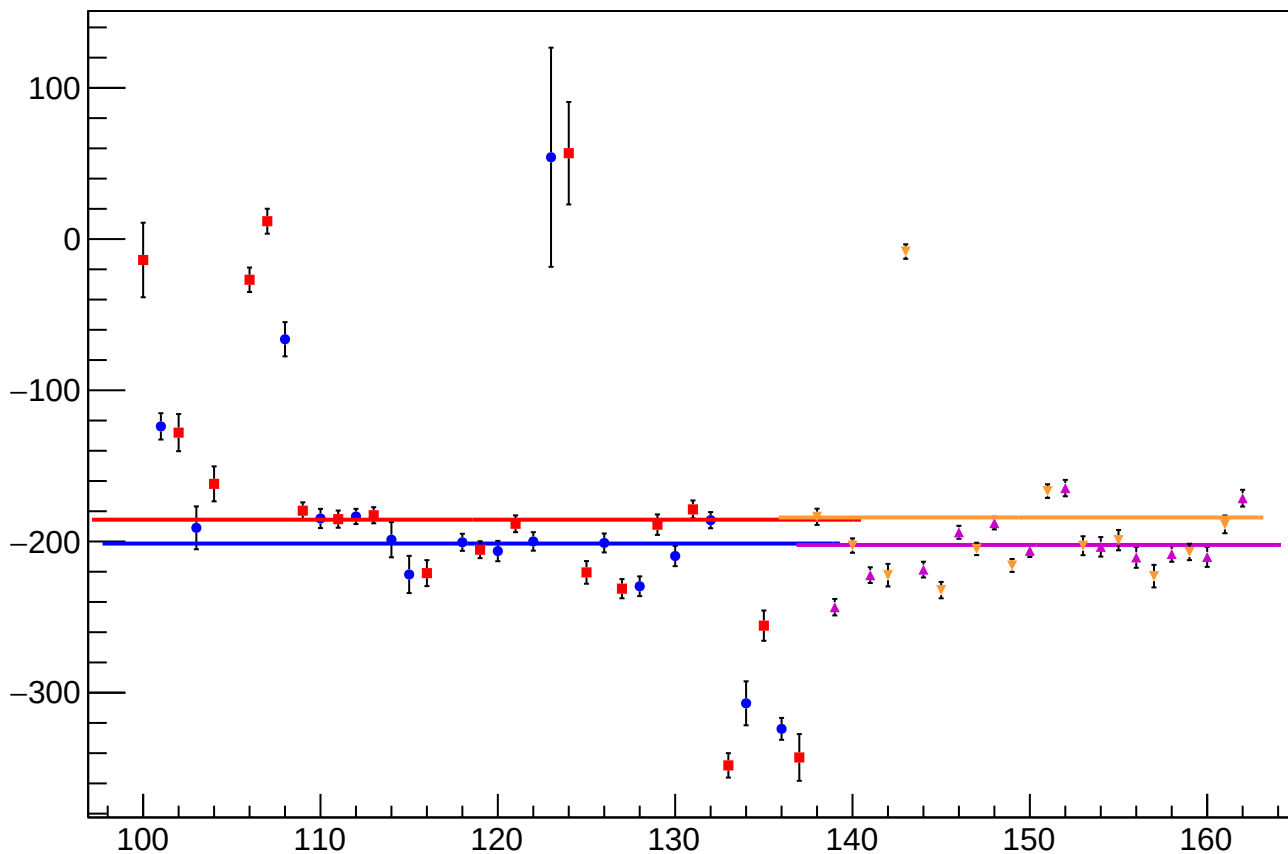
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 6.933 ± 0.686 $\chi^2/\text{NDF}: 491.8/28$

Out: 5.281 ± 0.667 $\chi^2/\text{NDF}: 528.2/31$

All: 6.084 ± 0.478 $\chi^2/\text{NDF}: 1022.9/60$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -184.125 ± 1.465 χ^2/NDF : 1621.9/12

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -202.282 ± 1.491 χ^2/NDF : 181.7/11

Left: -193.044 ± 1.045 χ^2/NDF : 1879.0/24

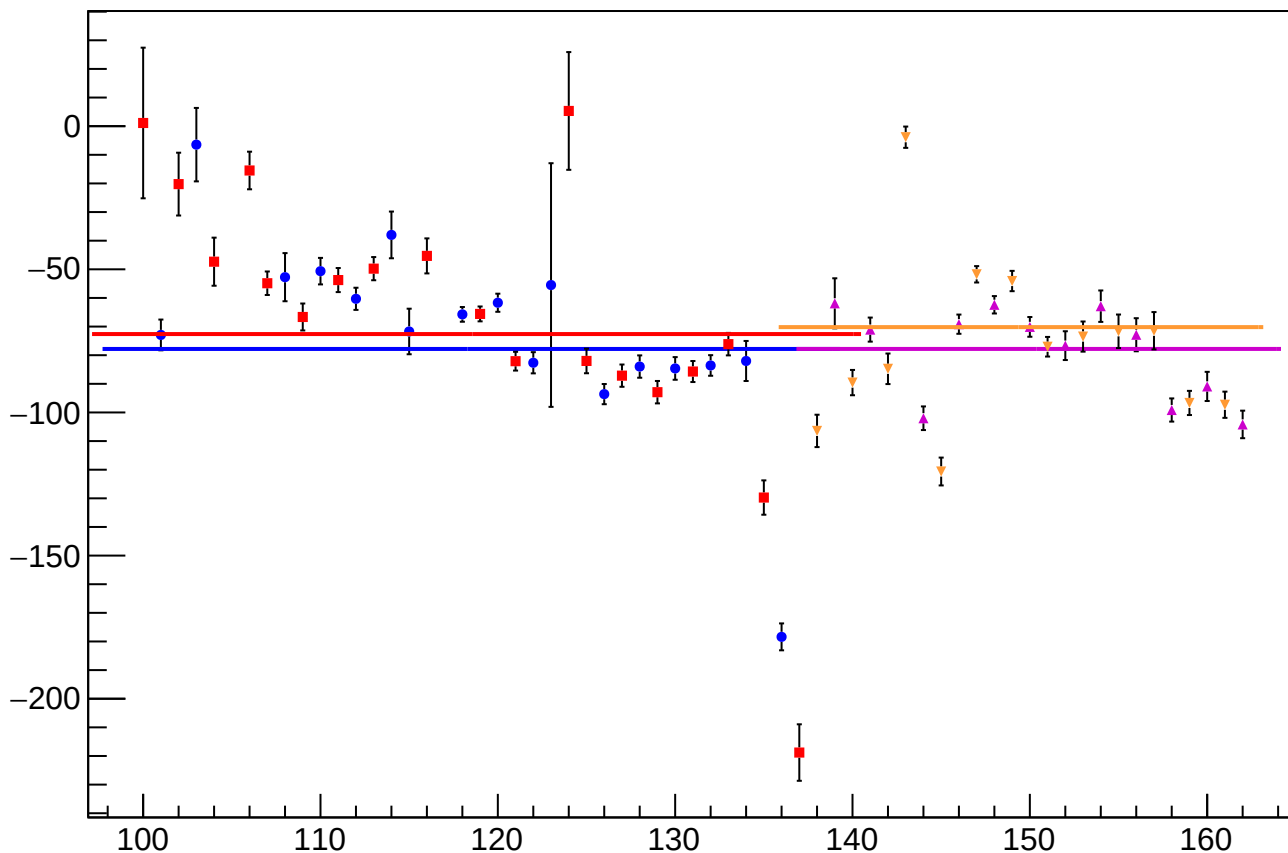
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -201.905 ± 1.144 χ^2/NDF : 806.9/28

Out: -184.750 ± 1.110 χ^2/NDF : 3370.5/31

All: -193.066 ± 0.797 χ^2/NDF : 4293.3/60

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -70.191 ± 1.186 χ^2/NDF : 634.4/12

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.810 ± 1.235 χ^2/NDF : 150.4/11

Left: -73.845 ± 0.855 χ^2/NDF : 804.6/24

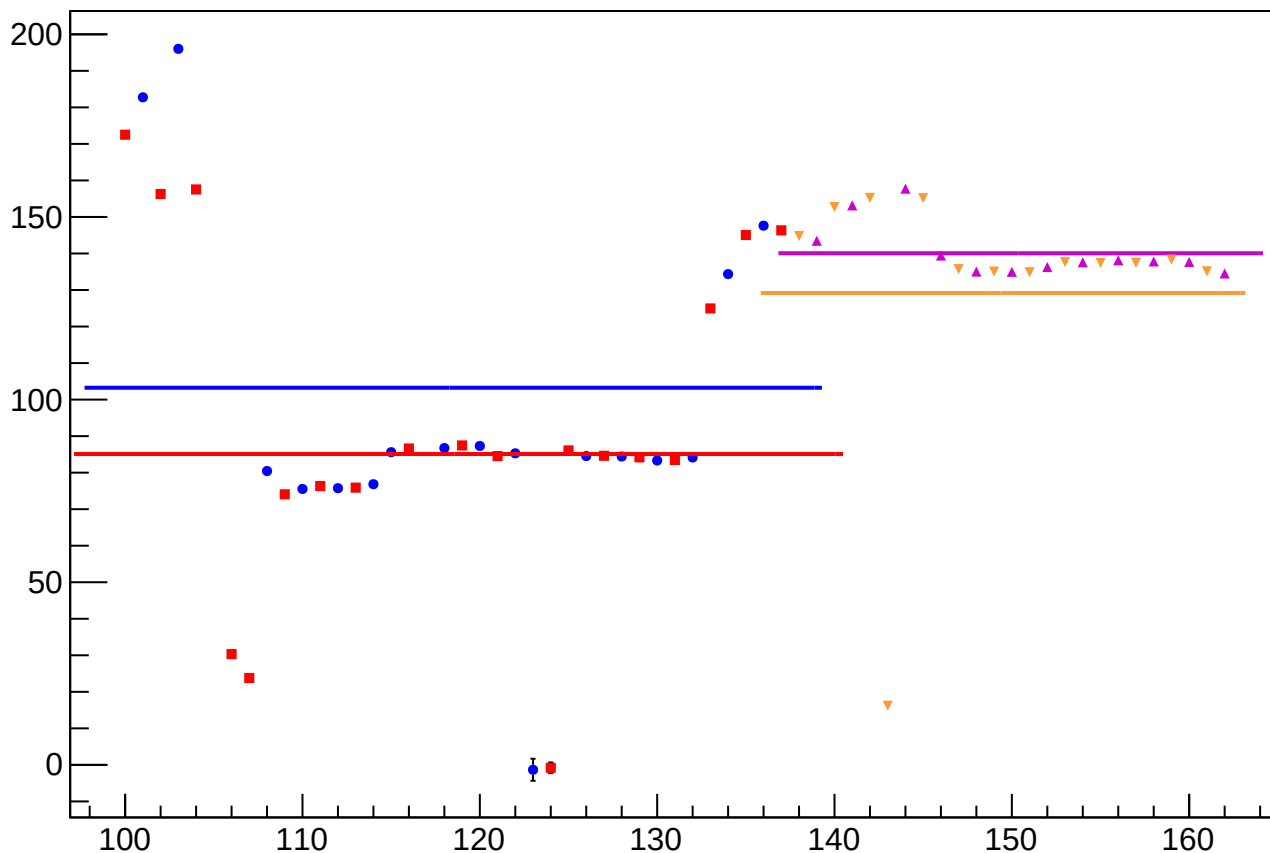
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.815 ± 0.808 χ^2/NDF : 806.7/28

Out: -71.547 ± 0.787 χ^2/NDF : 1243.6/31

All: -74.600 ± 0.564 χ^2/NDF : 2081.2/60

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 129.184 $\pm$ 0.059 χ^2 /NDF: 395501.9/12

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 140.074 $\pm$ 0.059 χ^2 /NDF: 13198.0/11

Left: 134.597 $\pm$ 0.042 χ^2 /NDF: 425709.2/24

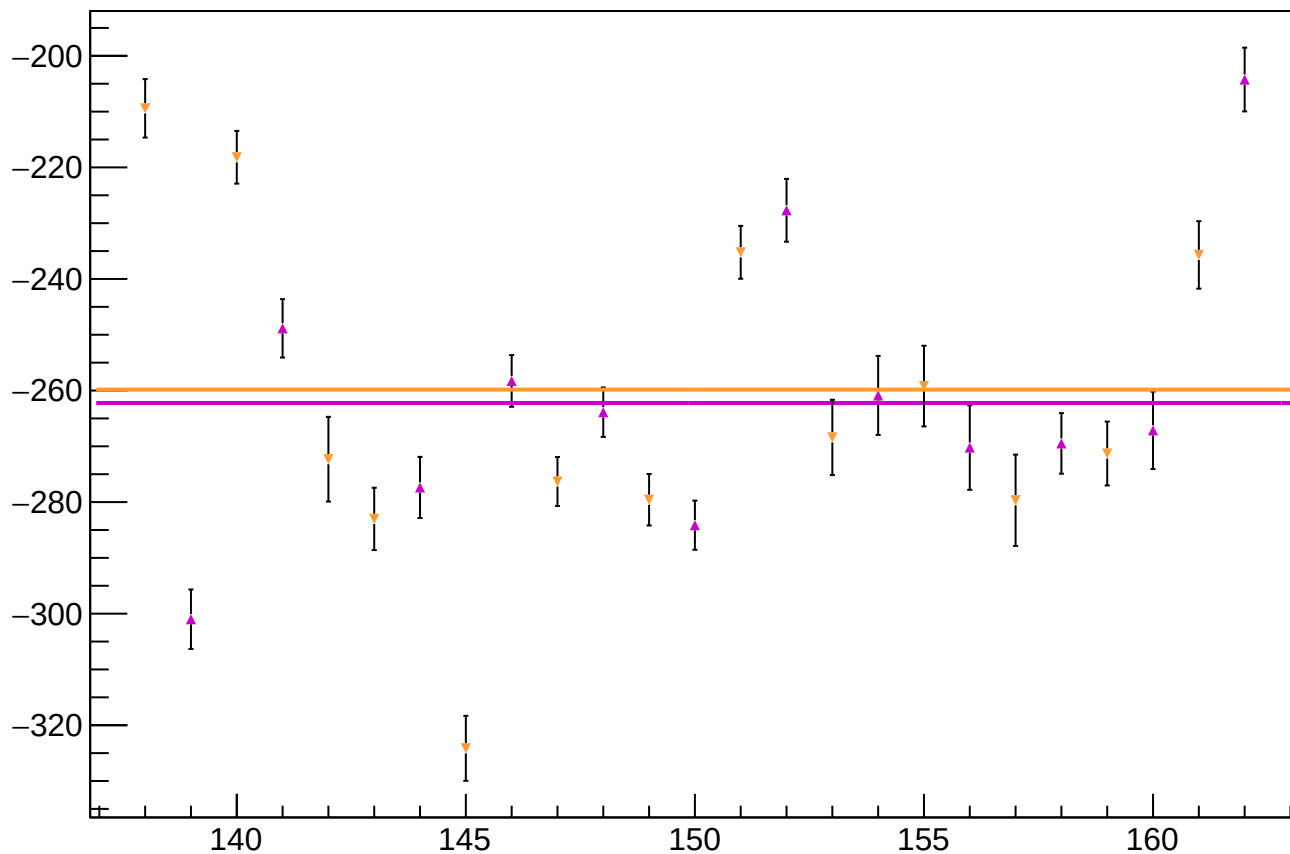
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 124.829 $\pm$ 0.045 χ^2 /NDF: 446681.4/28

Out: 108.881 $\pm$ 0.043 χ^2 /NDF: 1077235.5/31

All: 116.478 $\pm$ 0.031 χ^2 /NDF: 1588717.9/60

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: -259.836+/-1.548 χ^2/NDF : 398.9/12

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: -261.020+/-1.101 χ^2/NDF : 636.7/24

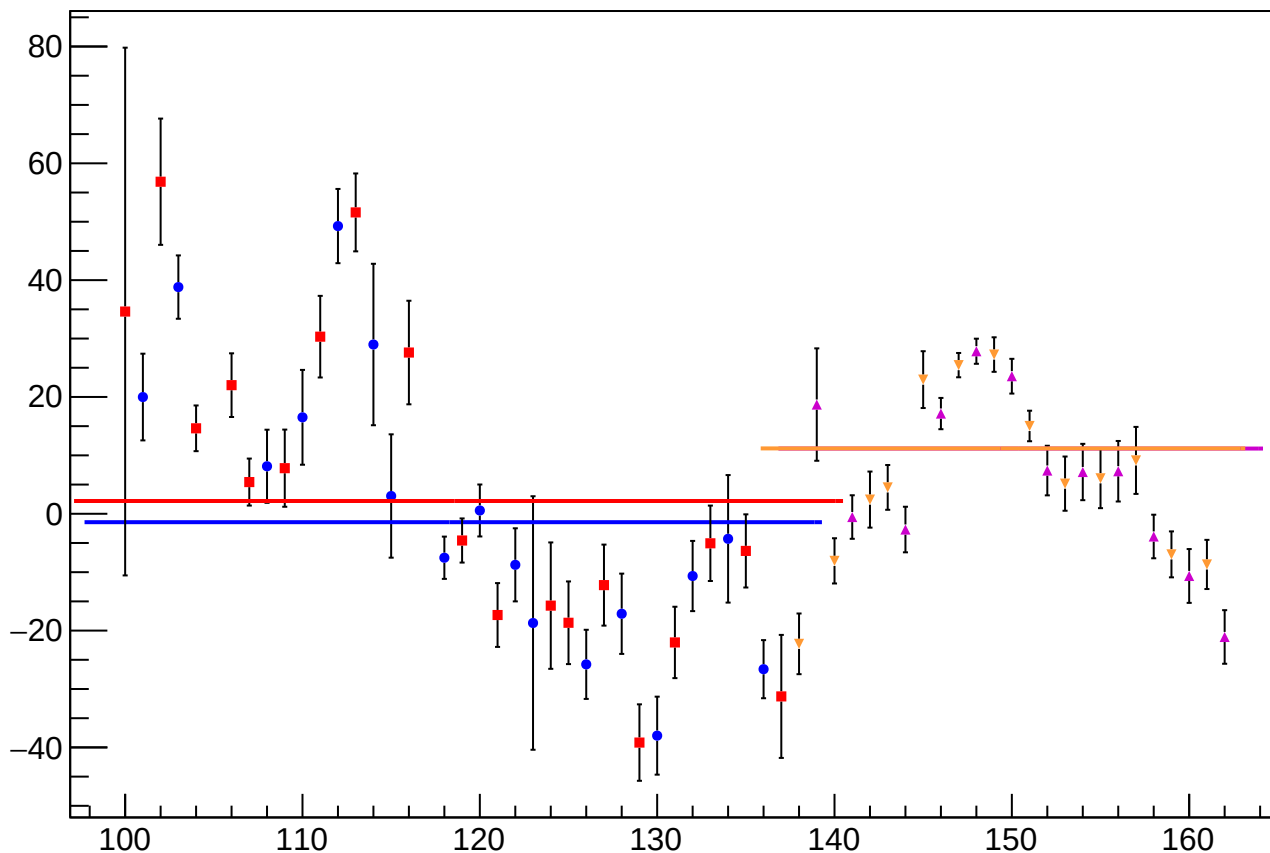
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.229+/-1.565 χ^2/NDF : 236.6/11

Out: -259.836+/-1.548 χ^2/NDF : 398.9/12

All: -261.020+/-1.101 χ^2/NDF : 636.7/24

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 11.191 ± 1.007 χ^2/NDF : 203.4/12

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 11.166 ± 1.043 χ^2/NDF : 195.7/11

Left: 11.179 ± 0.725 χ^2/NDF : 399.1/24

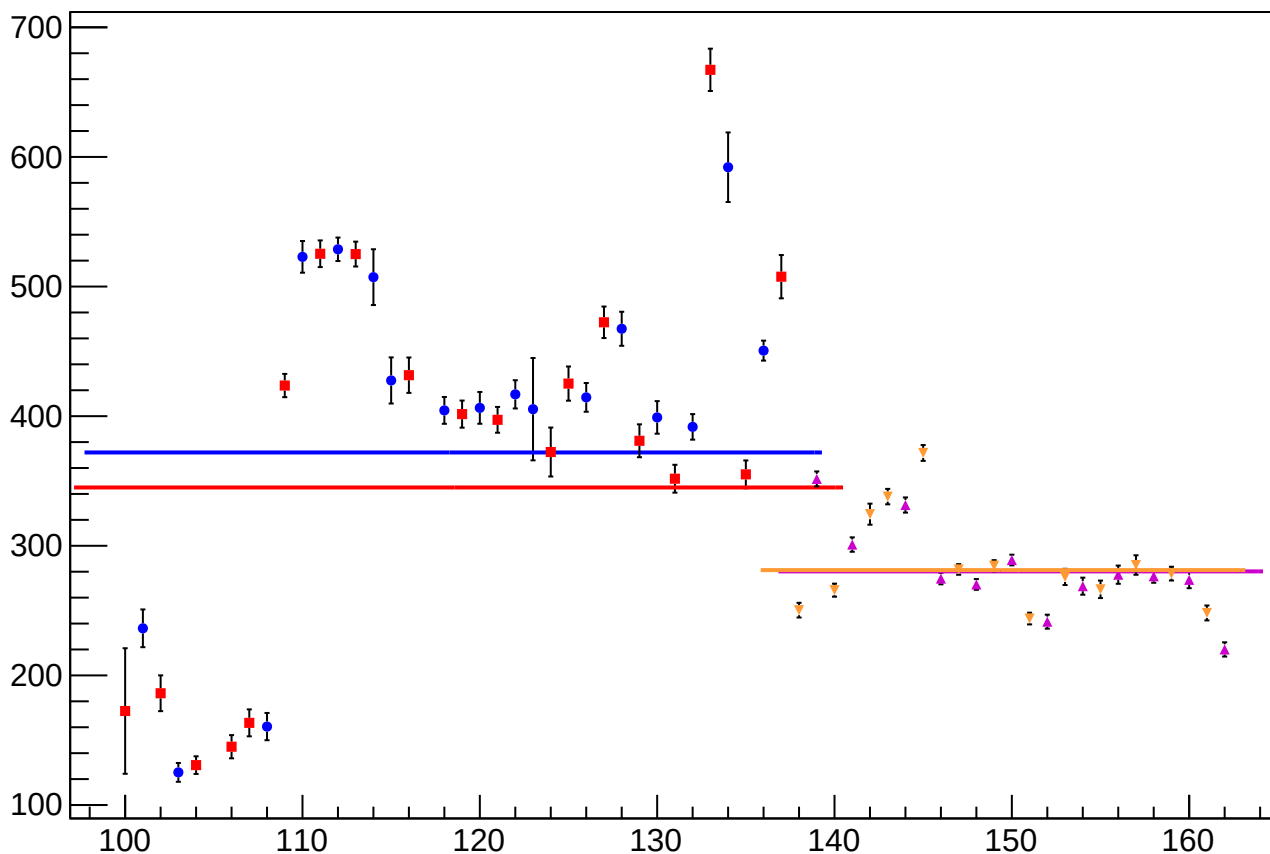
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 7.117 ± 0.859 χ^2/NDF : 467.1/28

Out: 8.120 ± 0.818 χ^2/NDF : 461.4/31

All: 7.644 ± 0.592 χ^2/NDF : 929.1/60

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 281.241+/-1.519 χ^2/NDF : 484.8/12

Right Out: 344.990+/-2.561 χ^2/NDF : 3414.4/18

Left In: 280.245+/-1.518 χ^2/NDF : 431.2/11

Left: 280.742+/-1.074 χ^2/NDF : 916.2/24

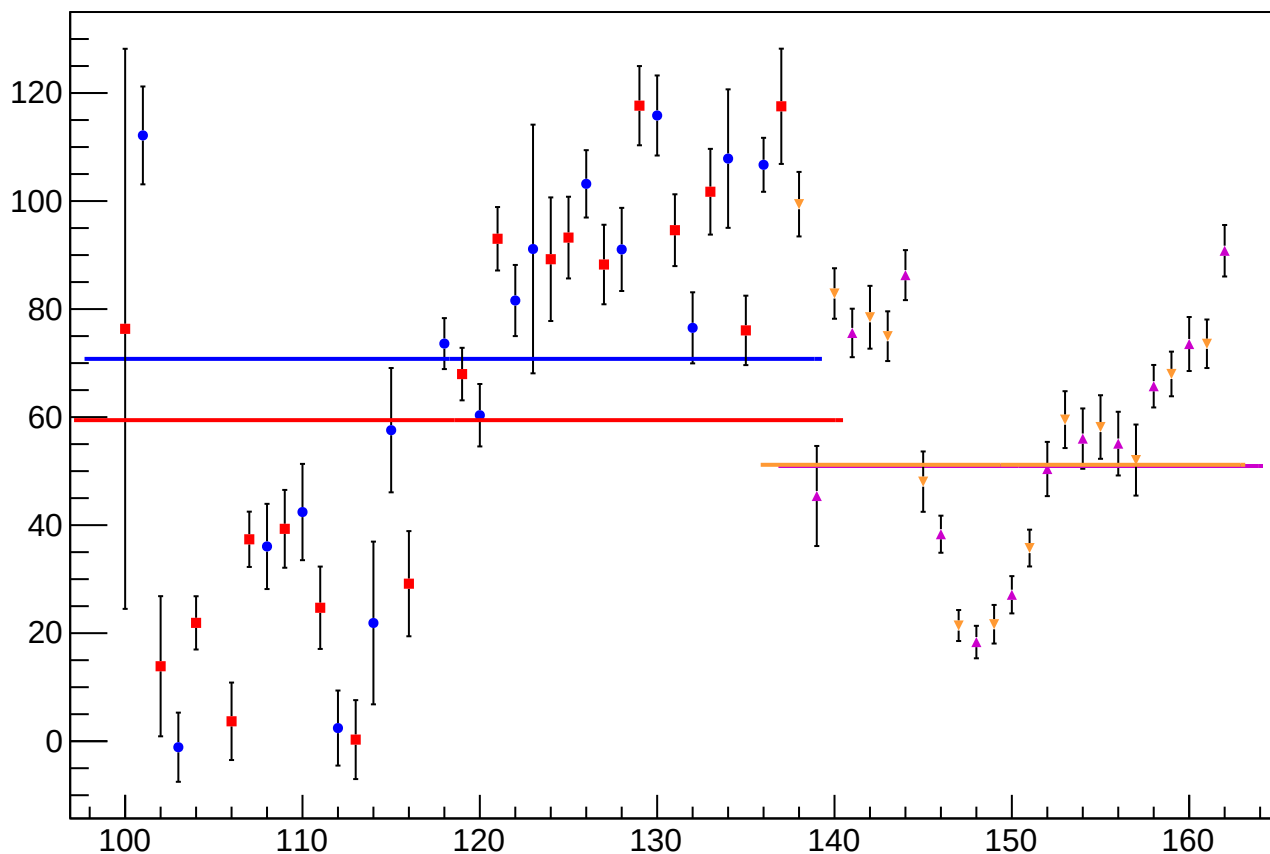
Right: 357.461+/-1.879 χ^2/NDF : 5896.9/35

In: 301.499+/-1.331 χ^2/NDF : 3708.6/28

Out: 297.834+/-1.306 χ^2/NDF : 4357.6/31

All: 299.633+/-0.932 χ^2/NDF : 8070.0/60

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 51.173 $\pm$ 1.227 χ^2 /NDF:402.0/12

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 50.948 $\pm$ 1.253 χ^2 /NDF:373.3/11

Left: 51.063 $\pm$ 0.877 χ^2 /NDF: 775.2/24

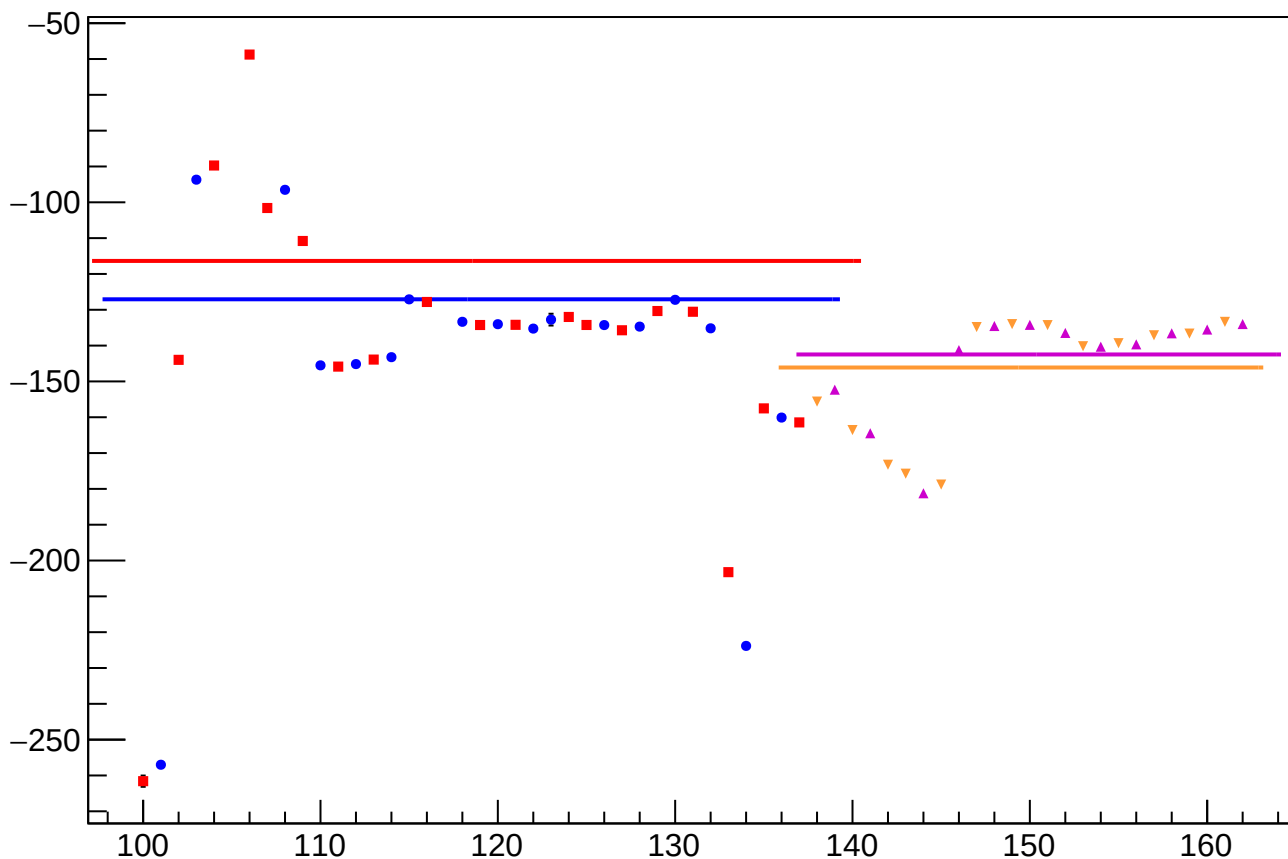
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 57.689 $\pm$ 1.018 χ^2 /NDF:882.3/28

Out: 54.158 $\pm$ 0.980 χ^2 /NDF:905.1/31

All: 55.857 $\pm$ 0.706 χ^2 /NDF: 1793.6/60

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -146.116+/-0.061 χ^2/NDF : 68576.0/12

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.476+/-0.060 χ^2/NDF : 43452.7/11

Left: -144.271+/-0.043 χ^2/NDF : 113830.8/24

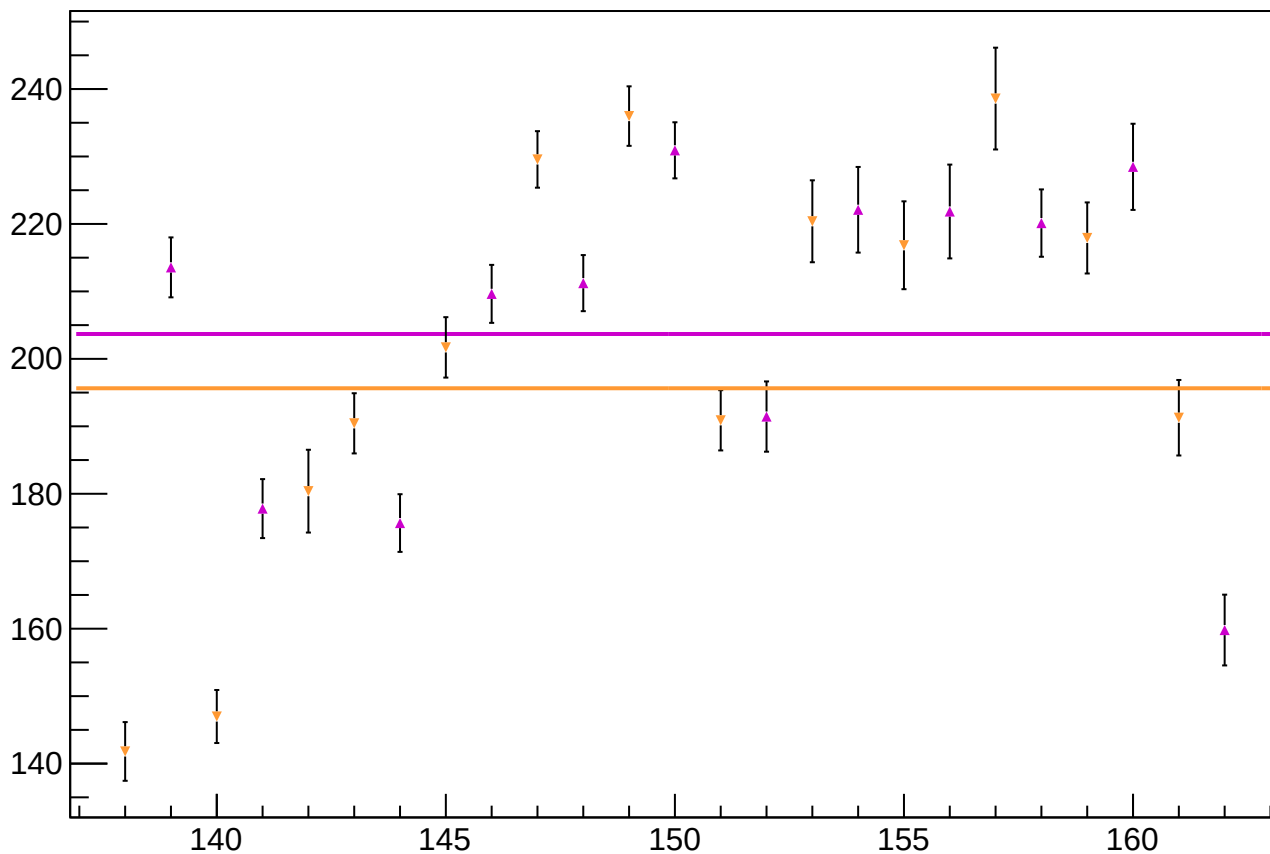
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.680+/-0.050 χ^2/NDF : 230855.3/28

Out: -135.658+/-0.049 χ^2/NDF : 319650.8/31

All: -136.652+/-0.035 χ^2/NDF : 551338.3/60

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: 195.640+/-1.362 χ^2/NDF :544.1/12

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: 199.555+/-0.976 χ^2/NDF : 808.8/24

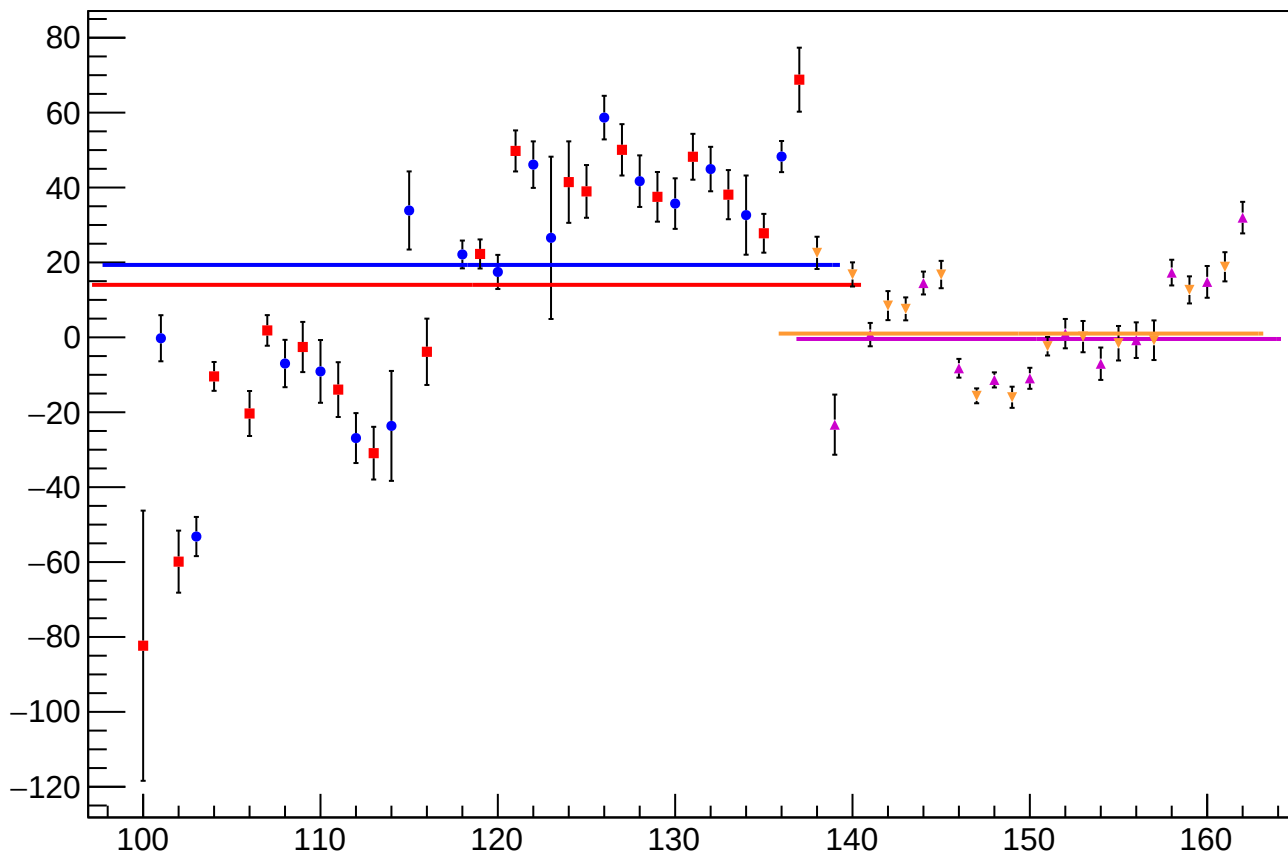
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.686+/-1.399 χ^2/NDF :247.7/11

Out: 195.640+/-1.362 χ^2/NDF :544.1/12

All: 199.555+/-0.976 χ^2/NDF : 808.8/24

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 1.006 ± 0.904 $\chi^2/\text{NDF}: 216.1/12$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -0.436 ± 0.946 $\chi^2/\text{NDF}: 186.5/11$

Left: 0.317 ± 0.654 $\chi^2/\text{NDF}: 403.8/24$

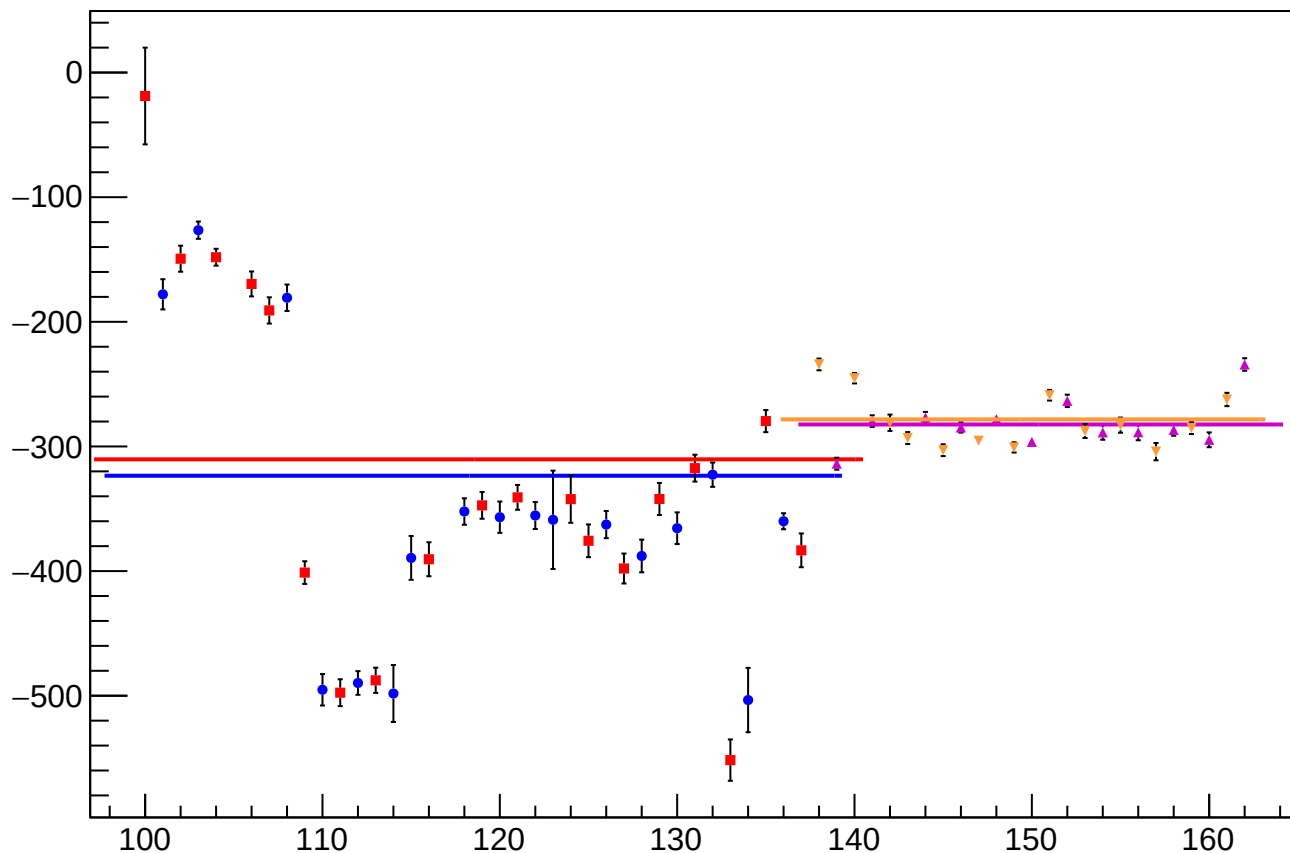
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 5.286 ± 0.797 $\chi^2/\text{NDF}: 752.8/28$

Out: 4.875 ± 0.758 $\chi^2/\text{NDF}: 710.8/31$

All: 5.070 ± 0.549 $\chi^2/\text{NDF}: 1463.8/60$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -278.289 ± 1.349 $\chi^2/\text{NDF}: 284.7/12$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -282.367 ± 1.366 $\chi^2/\text{NDF}: 171.7/11$

Left: -280.303 ± 0.960 $\chi^2/\text{NDF}: 460.9/24$

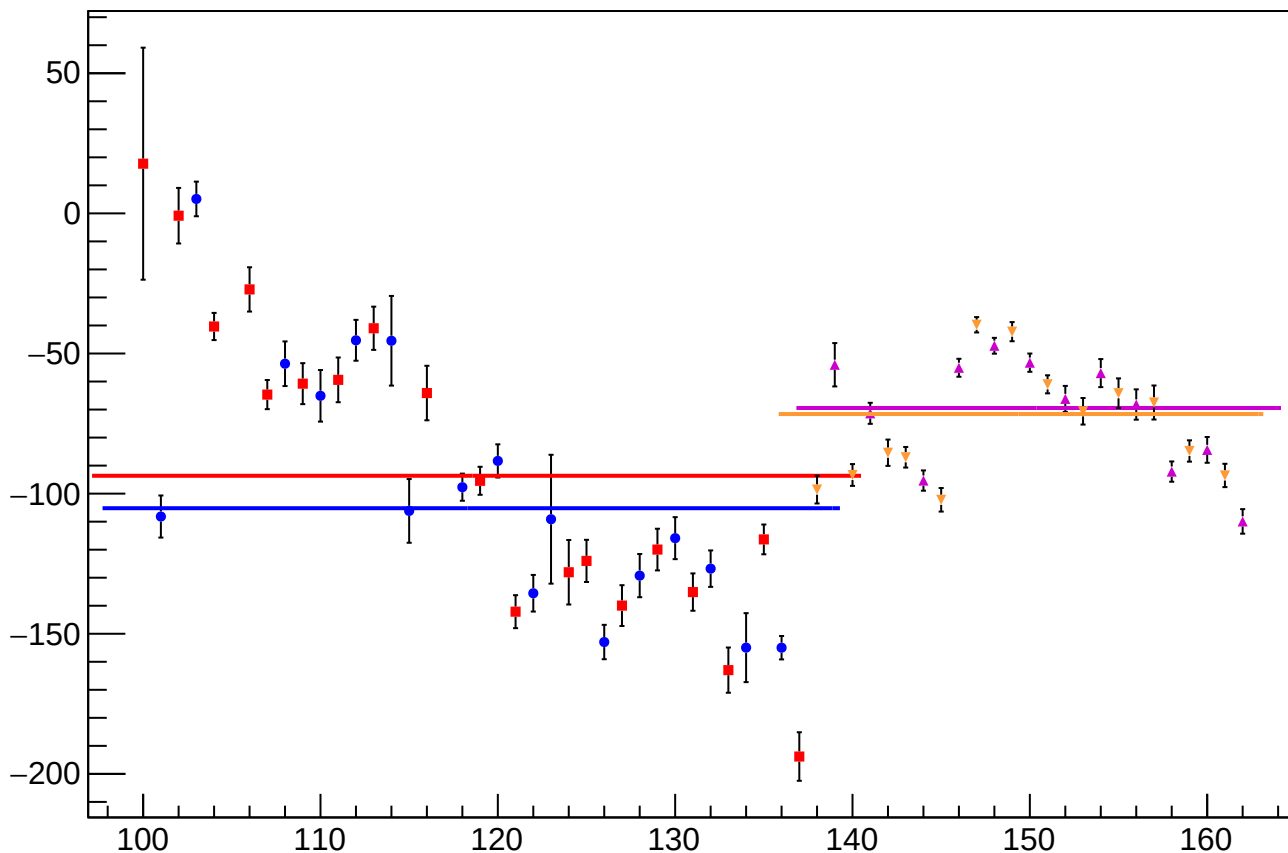
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -290.882 ± 1.216 $\chi^2/\text{NDF}: 2207.0/28$

Out: -285.420 ± 1.189 $\chi^2/\text{NDF}: 2710.8/31$

All: -288.090 ± 0.850 $\chi^2/\text{NDF}: 4928.1/60$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -71.601 ± 1.096 χ^2/NDF : 402.7/12

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -69.440 ± 1.134 χ^2/NDF : 304.2/11

Left: -70.557 ± 0.788 χ^2/NDF : 708.7/24

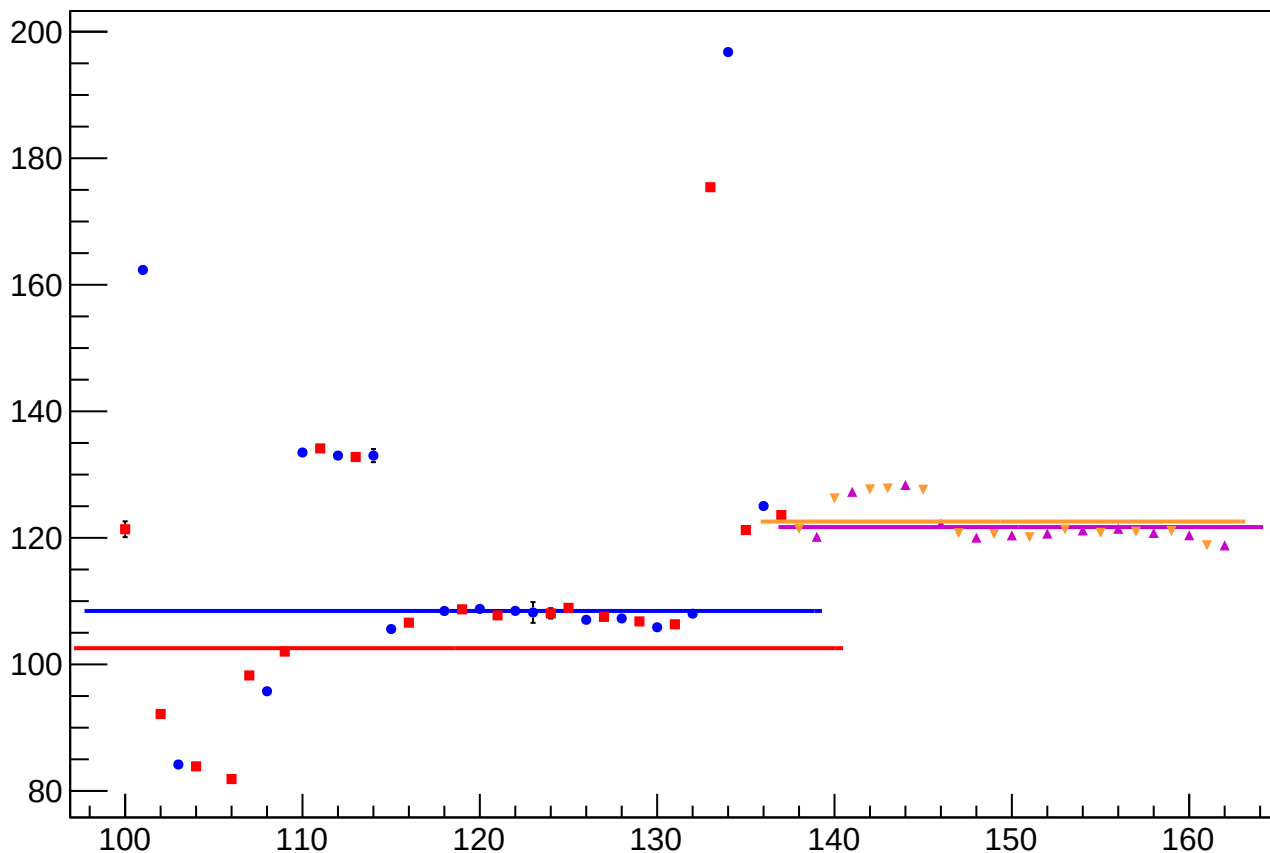
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -80.479 ± 0.943 χ^2/NDF : 1347.0/28

Out: -78.576 ± 0.906 χ^2/NDF : 1353.2/31

All: -79.490 ± 0.653 χ^2/NDF : 2702.3/60

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.581 $\pm$ 0.054 χ^2 /NDF: 3262.3/12

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.706 $\pm$ 0.054 χ^2 /NDF: 2552.8/11

Left: 122.144 $\pm$ 0.038 χ^2 /NDF: 5945.9/24

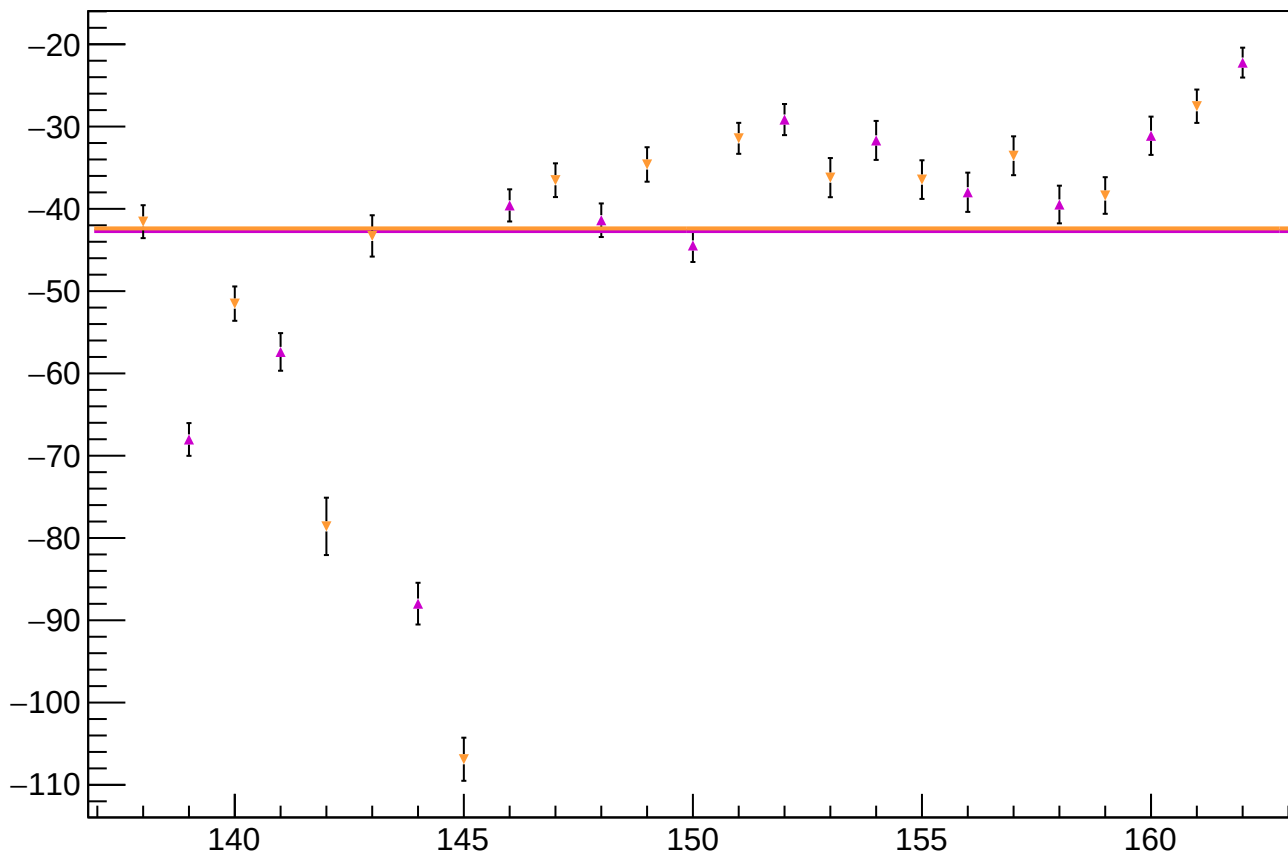
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.869 $\pm$ 0.046 χ^2 /NDF: 93190.6/28

Out: 116.243 $\pm$ 0.045 χ^2 /NDF: 99775.8/31

All: 117.040 $\pm$ 0.032 χ^2 /NDF: 193614.5/60

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: -42.377+/-0.621 χ^2/NDF : 873.8/12

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: -42.540+/-0.436 χ^2/NDF : 1630.5/24

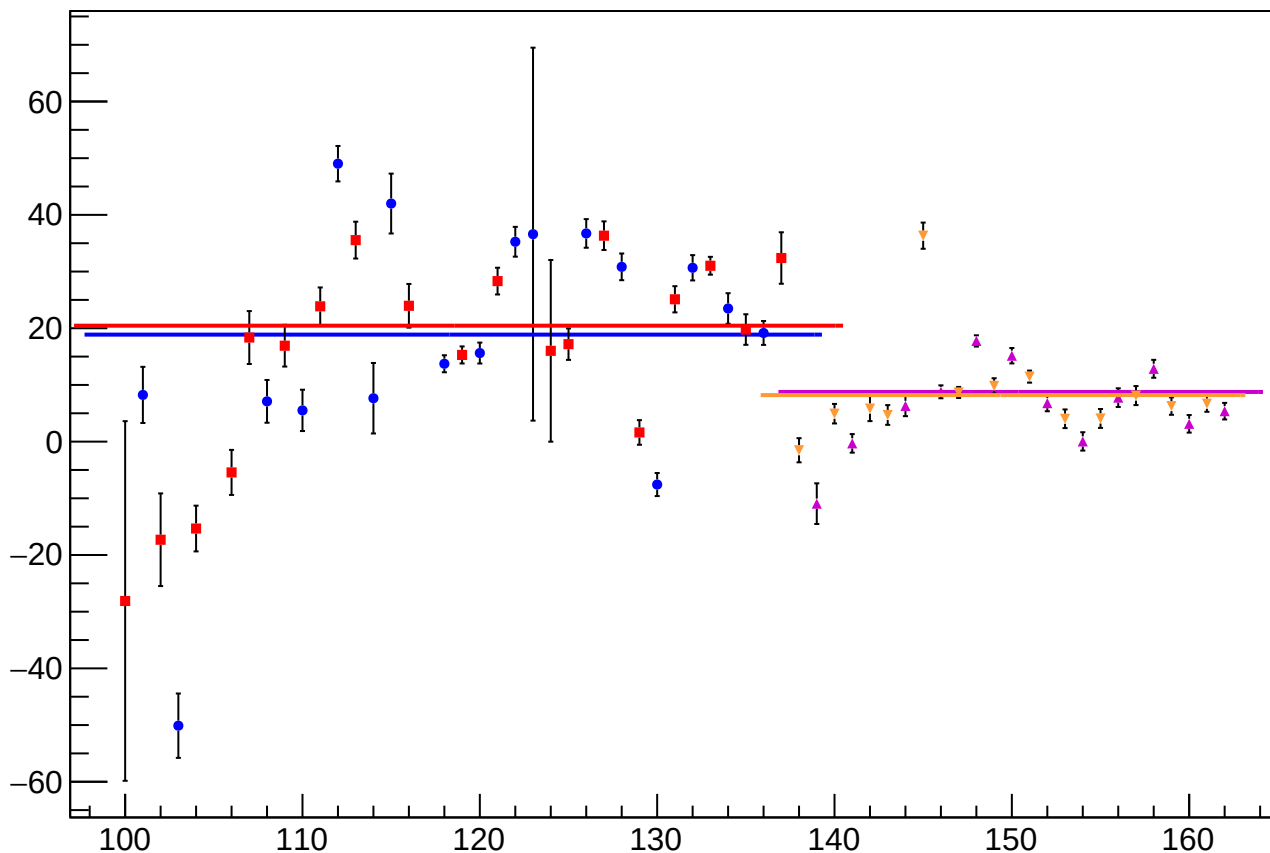
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.700+/-0.613 χ^2/NDF : 756.5/11

Out: -42.377+/-0.621 χ^2/NDF : 873.8/12

All: -42.540+/-0.436 χ^2/NDF : 1630.5/24

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.211 $\pm$ 0.417 χ^2 /NDF:204.2/12

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.763 $\pm$ 0.422 χ^2 /NDF:223.5/11

Left: 8.483 $\pm$ 0.297 χ^2 /NDF: 428.5/24

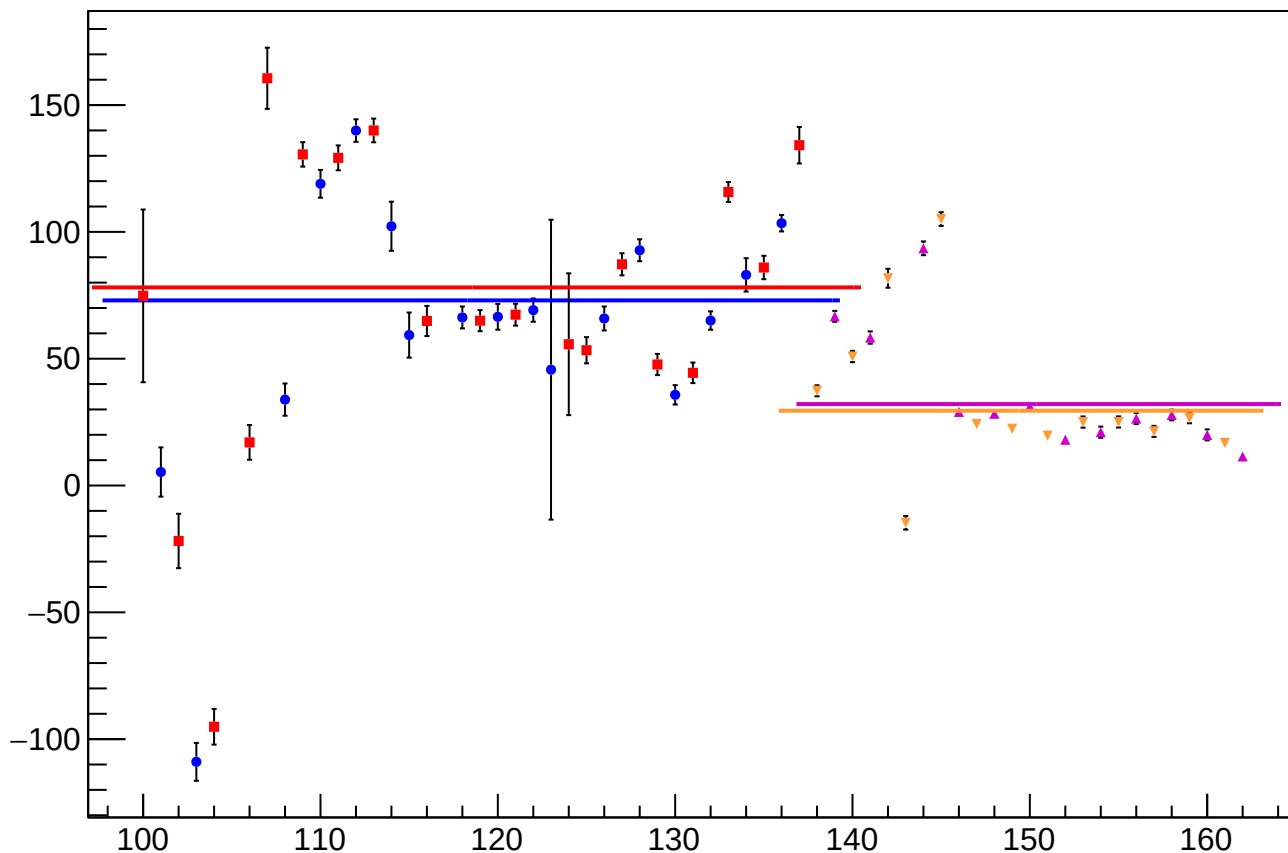
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 11.802 $\pm$ 0.353 χ^2 /NDF:1016.2/28

Out: 11.826 $\pm$ 0.350 χ^2 /NDF:824.1/31

All: 11.814 $\pm$ 0.249 χ^2 /NDF: 1840.3/60

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 29.493 $\pm$ 0.605 χ^2 /NDF:1472.3/12

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 32.117 $\pm$ 0.593 χ^2 /NDF:1161.7/11

Left: 30.832 $\pm$ 0.424 χ^2 /NDF: 2643.6/24

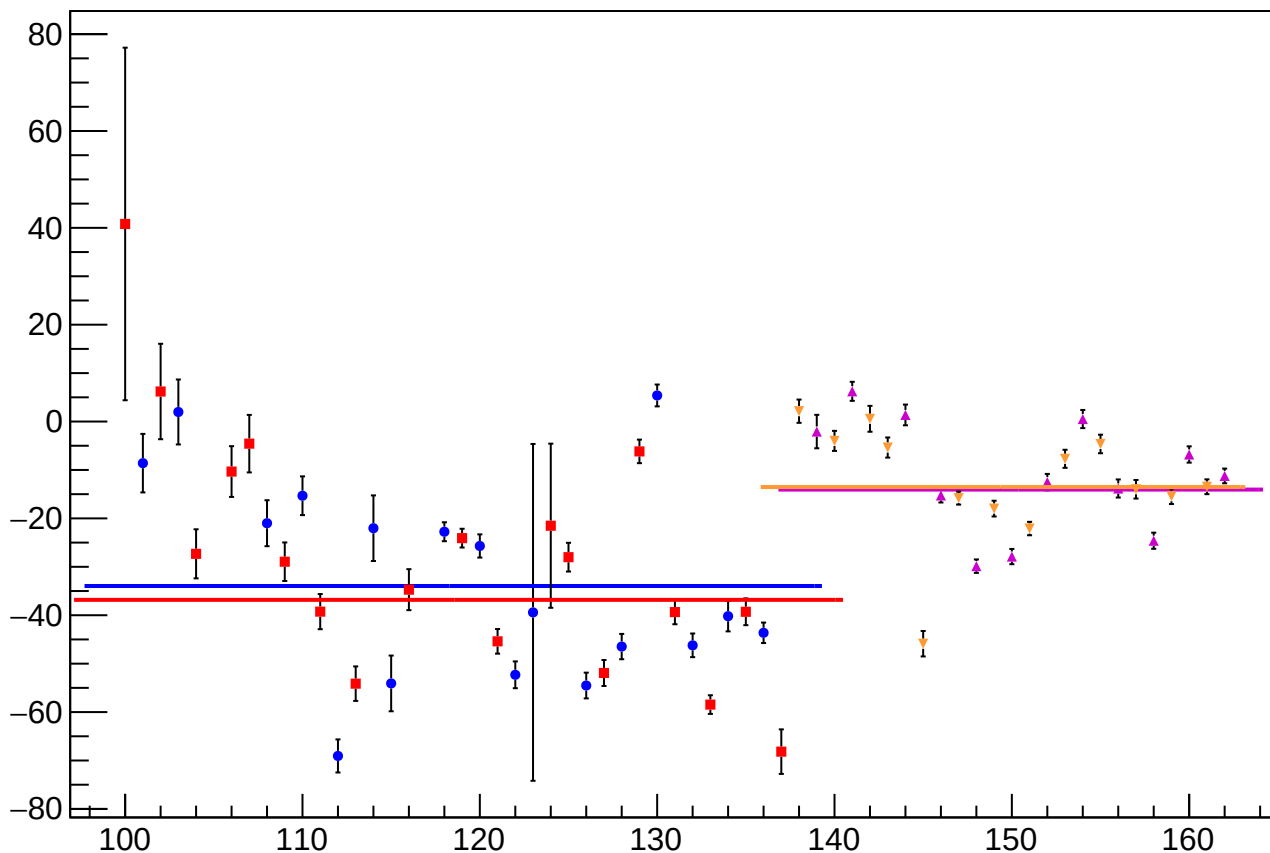
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 39.826 $\pm$ 0.534 χ^2 /NDF:3263.3/28

Out: 39.060 $\pm$ 0.543 χ^2 /NDF:4288.5/31

All: 39.449 $\pm$ 0.381 χ^2 /NDF: 7552.8/60

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.530 ± 0.499 χ^2/NDF : 339.6/12

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.051 ± 0.499 χ^2/NDF : 501.6/11

Left: -13.791 ± 0.353 χ^2/NDF : 841.7/24

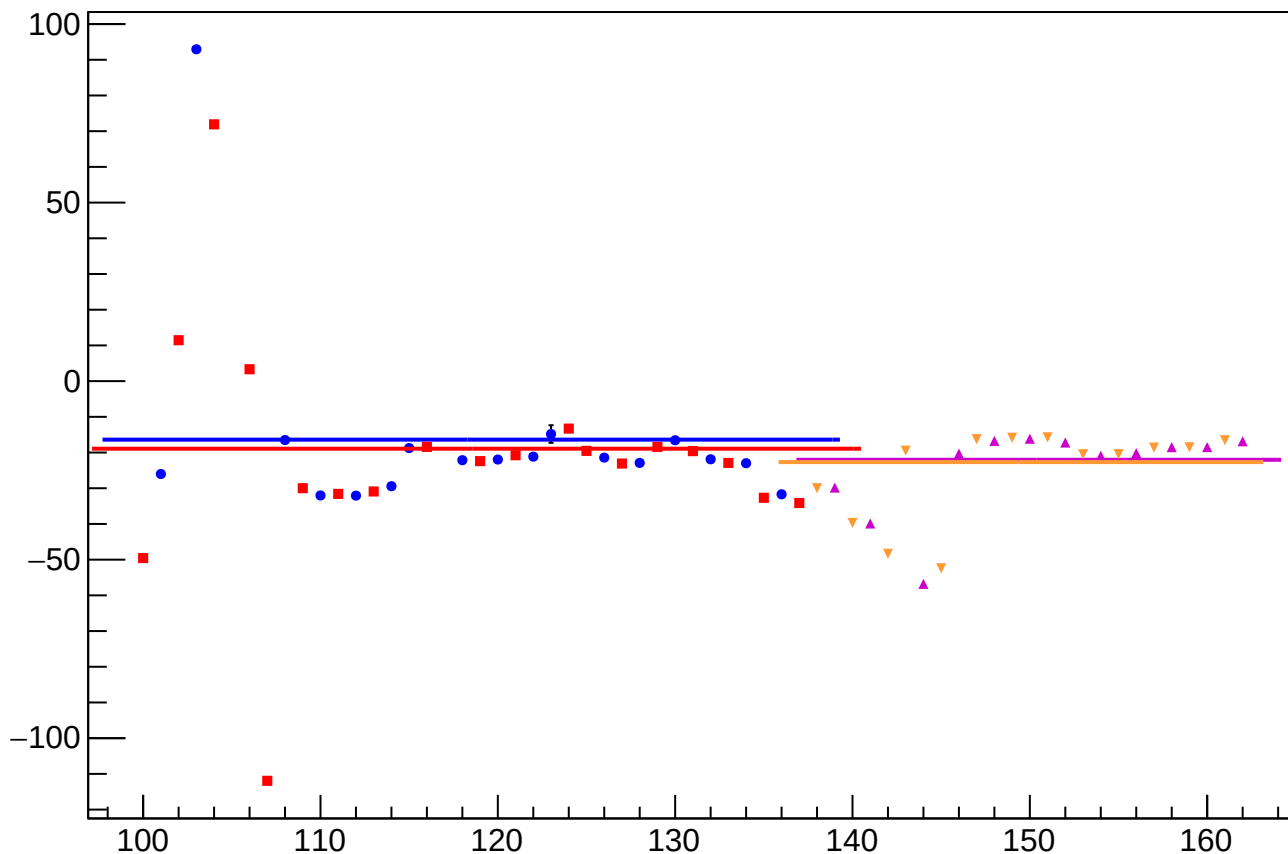
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -20.300 ± 0.413 χ^2/NDF : 1723.7/28

Out: -20.848 ± 0.413 χ^2/NDF : 1565.0/31

All: -20.574 ± 0.292 χ^2/NDF : 3289.6/60

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -22.673 ± 0.024 $\chi^2/\text{NDF}: 180417.6/12$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -22.028 ± 0.023 $\chi^2/\text{NDF}: 154130.9/11$

Left: -22.343 ± 0.017 $\chi^2/\text{NDF}: 334928.6/24$

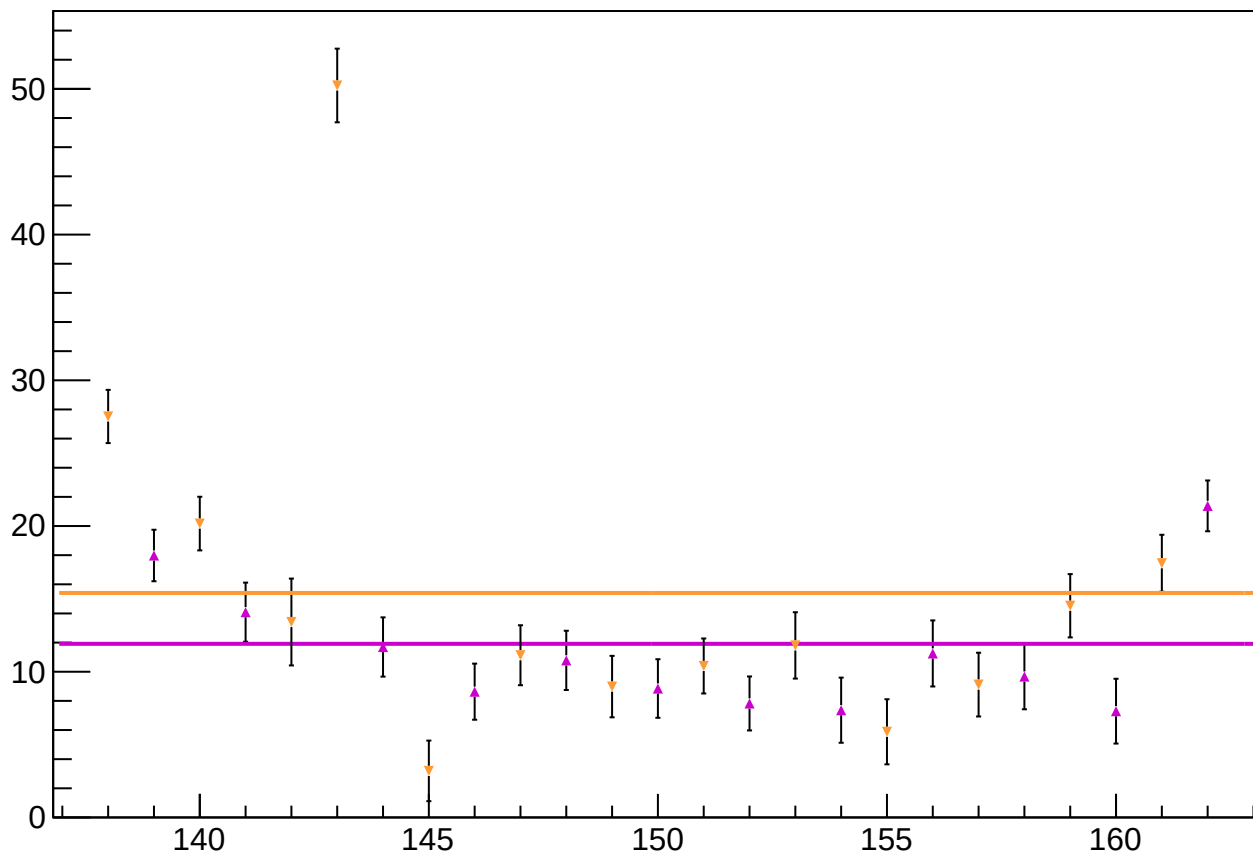
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.831 ± 0.020 $\chi^2/\text{NDF}: 641111.7/28$

Out: -21.869 ± 0.021 $\chi^2/\text{NDF}: 619950.9/31$

All: -21.338 ± 0.015 $\chi^2/\text{NDF}: 1262316.0/60$

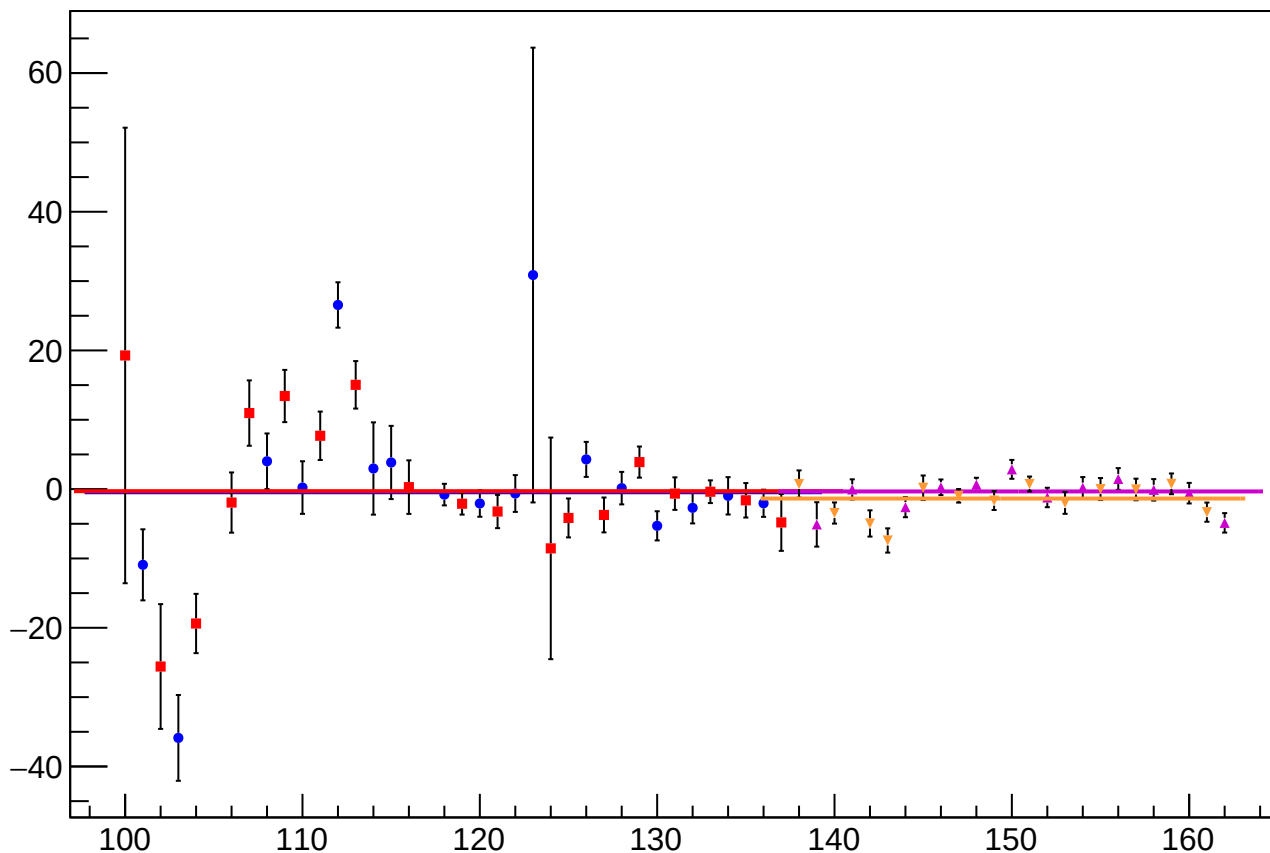
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.408+/-0.586 χ^2/NDF :326.3/12
 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: 13.642+/-0.412 χ^2/NDF : 406.7/24
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.916+/-0.579 χ^2/NDF :62.4/11
 Out: 15.408+/-0.586 χ^2/NDF :326.3/12
 All: 13.642+/-0.412 χ^2/NDF : 406.7/24

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.361 ± 0.400 χ^2/NDF : 29.0/12

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.336 ± 0.405 χ^2/NDF : 23.7/11

Left: -0.855 ± 0.284 χ^2/NDF : 55.9/24

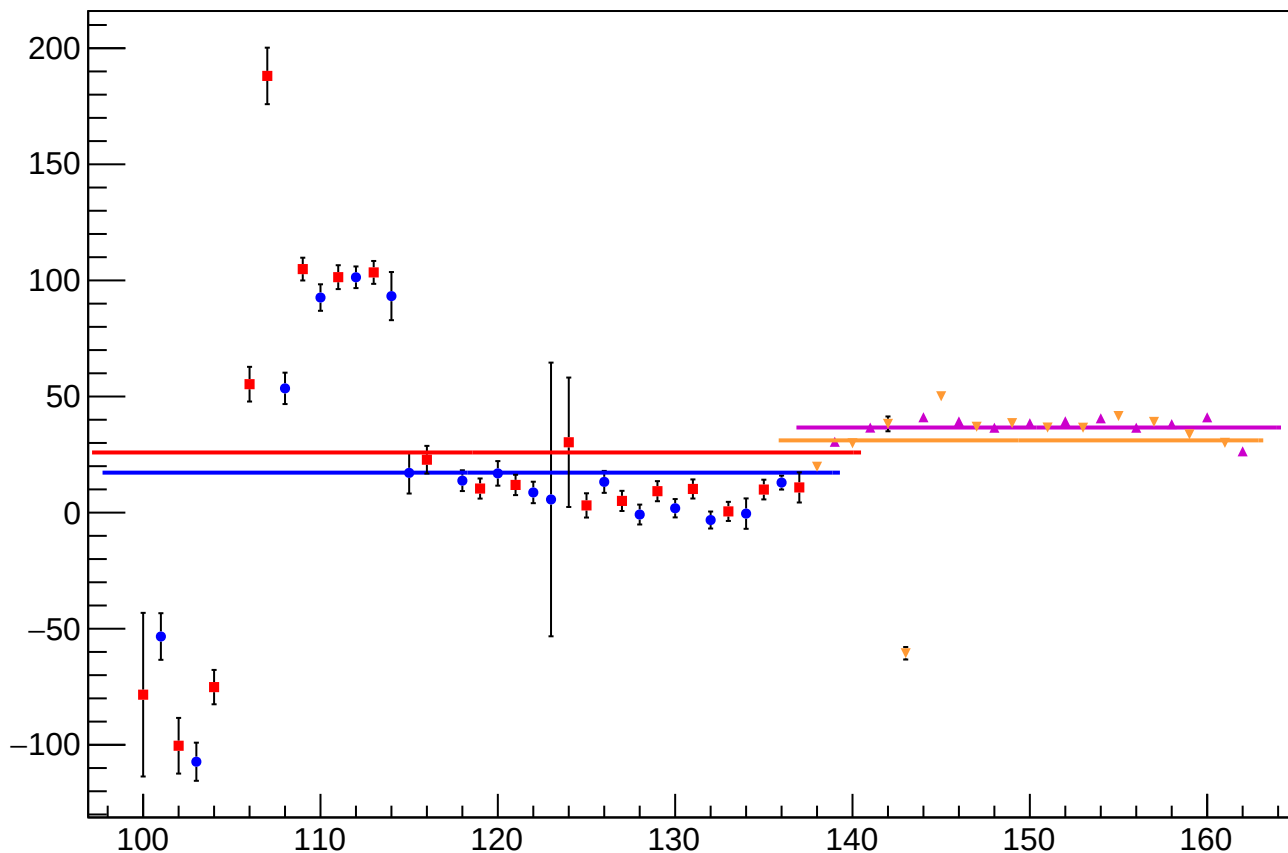
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.368 ± 0.344 χ^2/NDF : 143.3/28

Out: -1.074 ± 0.342 χ^2/NDF : 115.4/31

All: -0.724 ± 0.242 χ^2/NDF : 260.8/60

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 31.109+/-0.575 χ^2/NDF :1352.4/12

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 36.653+/-0.563 χ^2/NDF :65.8/11

Left: 33.935+/-0.402 χ^2/NDF : 1465.6/24

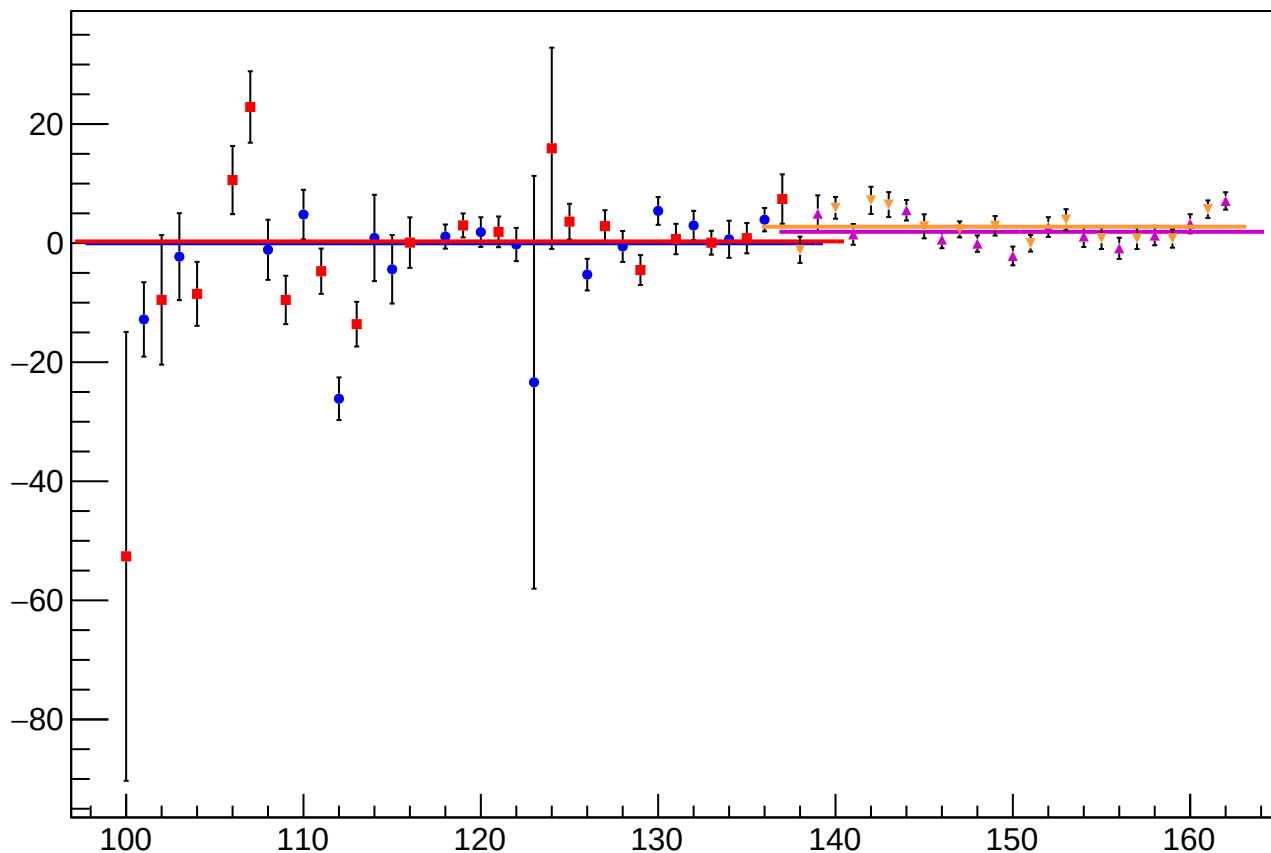
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 33.331+/-0.513 χ^2/NDF :1209.3/28

Out: 30.193+/-0.522 χ^2/NDF :2741.6/31

All: 31.788+/-0.366 χ^2/NDF : 3969.3/60

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 2.757 ± 0.477 $\chi^2/\text{NDF}: 25.3/12$

Right Out: 0.290 ± 0.749 $\chi^2/\text{NDF}: 56.1/18$

Left In: 1.903 ± 0.476 $\chi^2/\text{NDF}: 31.3/11$

Left: 2.329 ± 0.337 $\chi^2/\text{NDF}: 58.2/24$

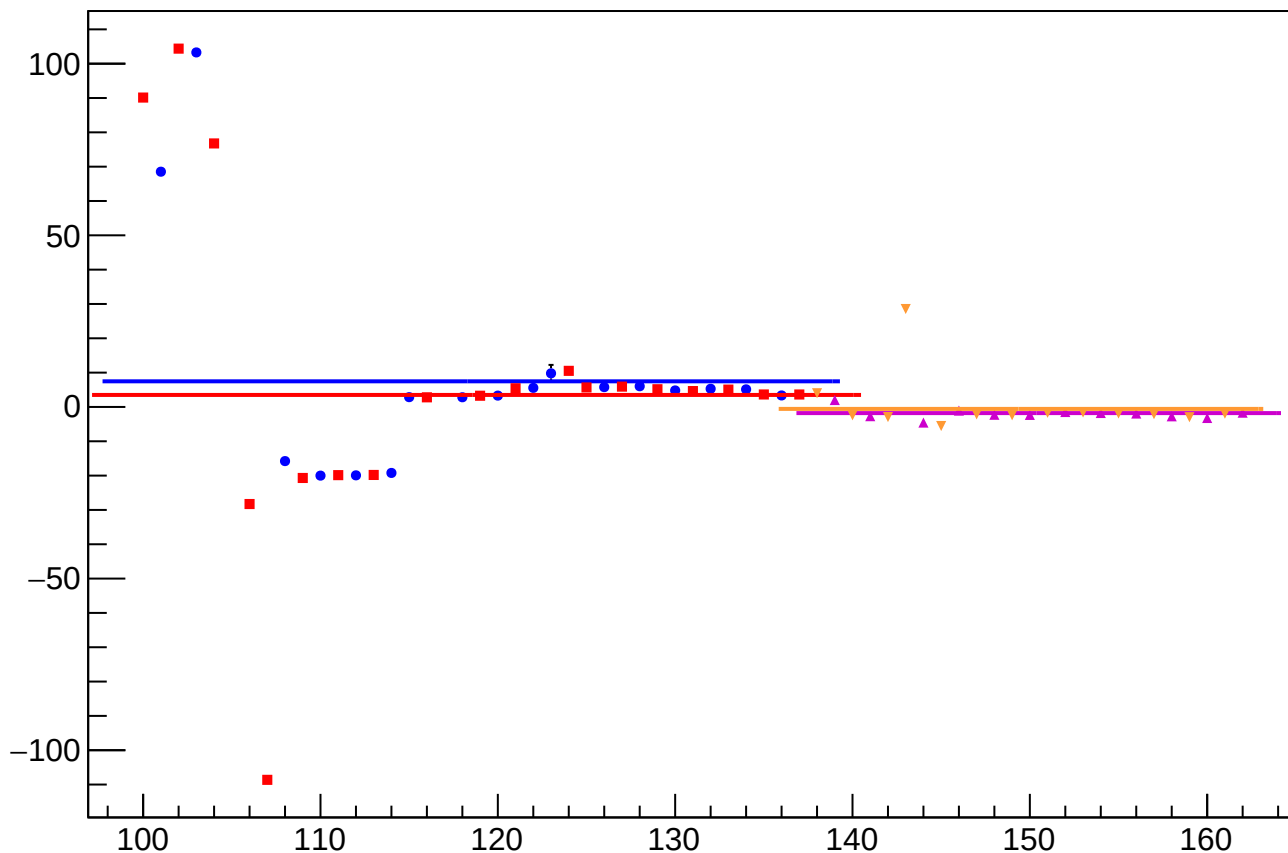
Right: 0.133 ± 0.528 $\chi^2/\text{NDF}: 132.0/35$

In: 1.344 ± 0.401 $\chi^2/\text{NDF}: 111.9/28$

Out: 2.046 ± 0.402 $\chi^2/\text{NDF}: 89.1/31$

All: 1.694 ± 0.284 $\chi^2/\text{NDF}: 202.5/60$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: -0.567 ± 0.022 $\chi^2/\text{NDF}: 83524.2/12$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -1.791 ± 0.022 $\chi^2/\text{NDF}: 4805.1/11$

Left: -1.192 ± 0.016 $\chi^2/\text{NDF}: 89859.1/24$

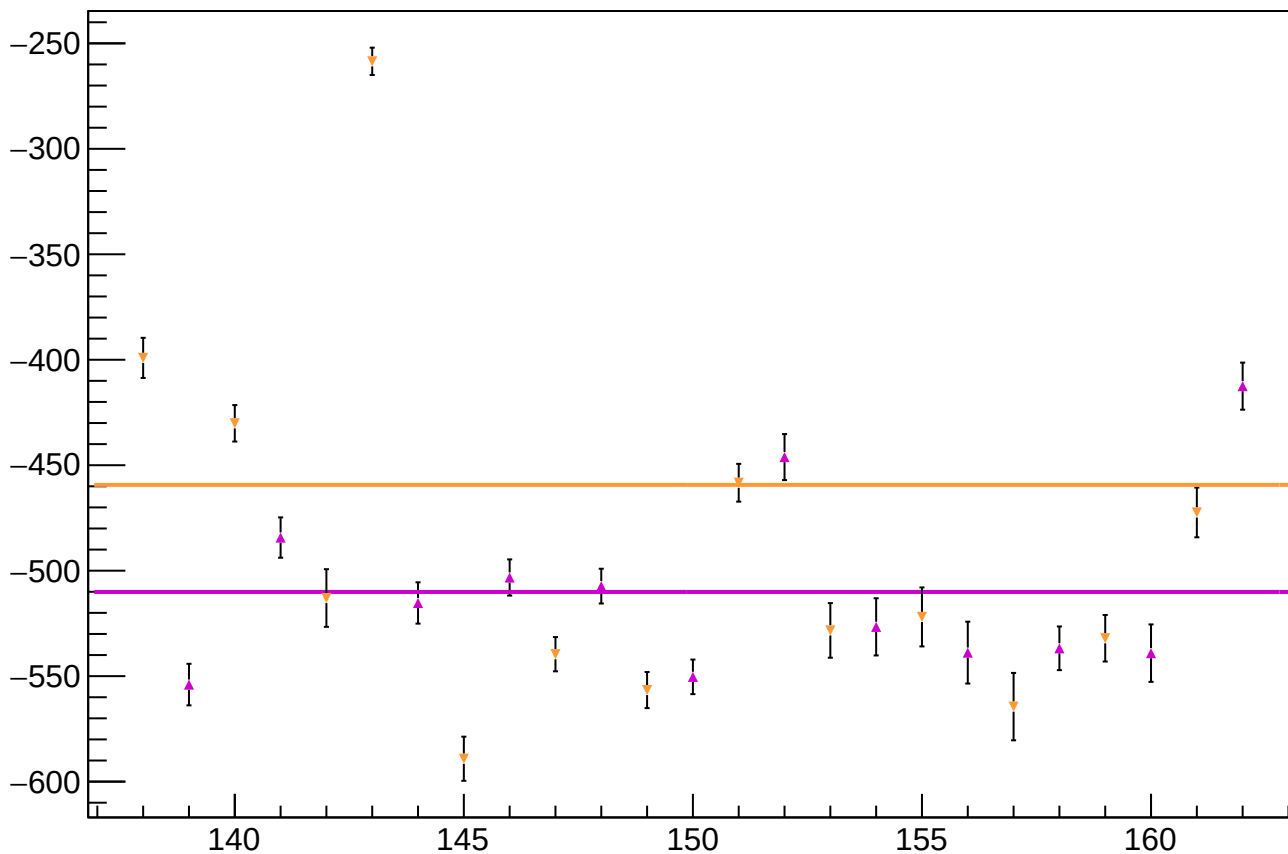
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.016 ± 0.020 $\chi^2/\text{NDF}: 395579.6/28$

Out: 0.224 ± 0.020 $\chi^2/\text{NDF}: 600520.2/31$

All: 0.117 ± 0.014 $\chi^2/\text{NDF}: 996154.6/60$

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: -459.314+/-2.727 χ^2/NDF :1545.4/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -510.777+/-2.934 χ^2/NDF :179.7/11

Left: -482.838+/-1.998 χ^2/NDF : 1885.6/24

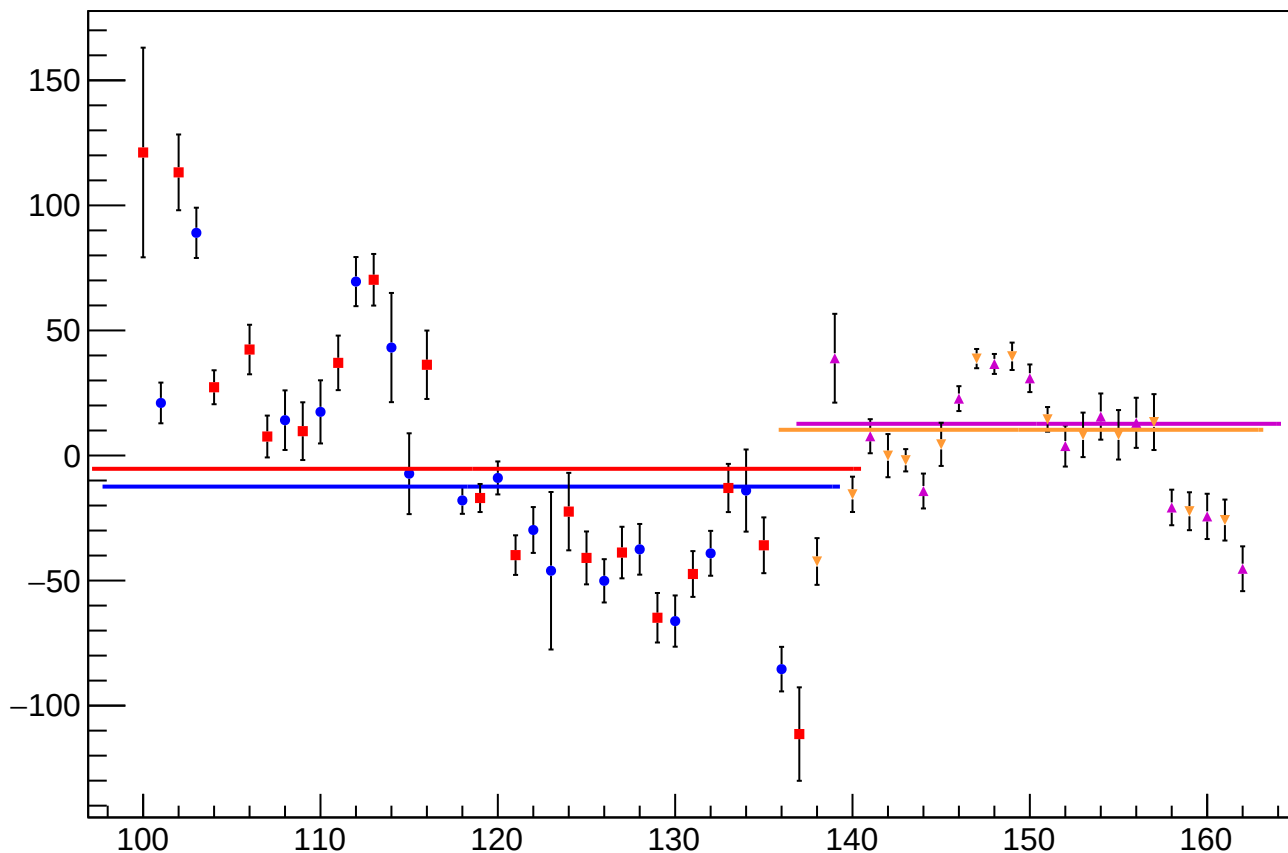
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -510.777+/-2.934 χ^2/NDF :179.7/11

Out: -459.314+/-2.727 χ^2/NDF :1545.4/12

All: -482.838+/-1.998 χ^2/NDF : 1885.6/24

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 10.280 $\pm$ 1.785 χ^2/NDF :176.8/12

Right Out: -5.317 $\pm$ 2.260 χ^2/NDF : 342.8/18

Left In: 12.676 $\pm$ 1.953 χ^2/NDF :150.5/11

Left: 11.370 $\pm$ 1.317 χ^2/NDF : 328.1/24

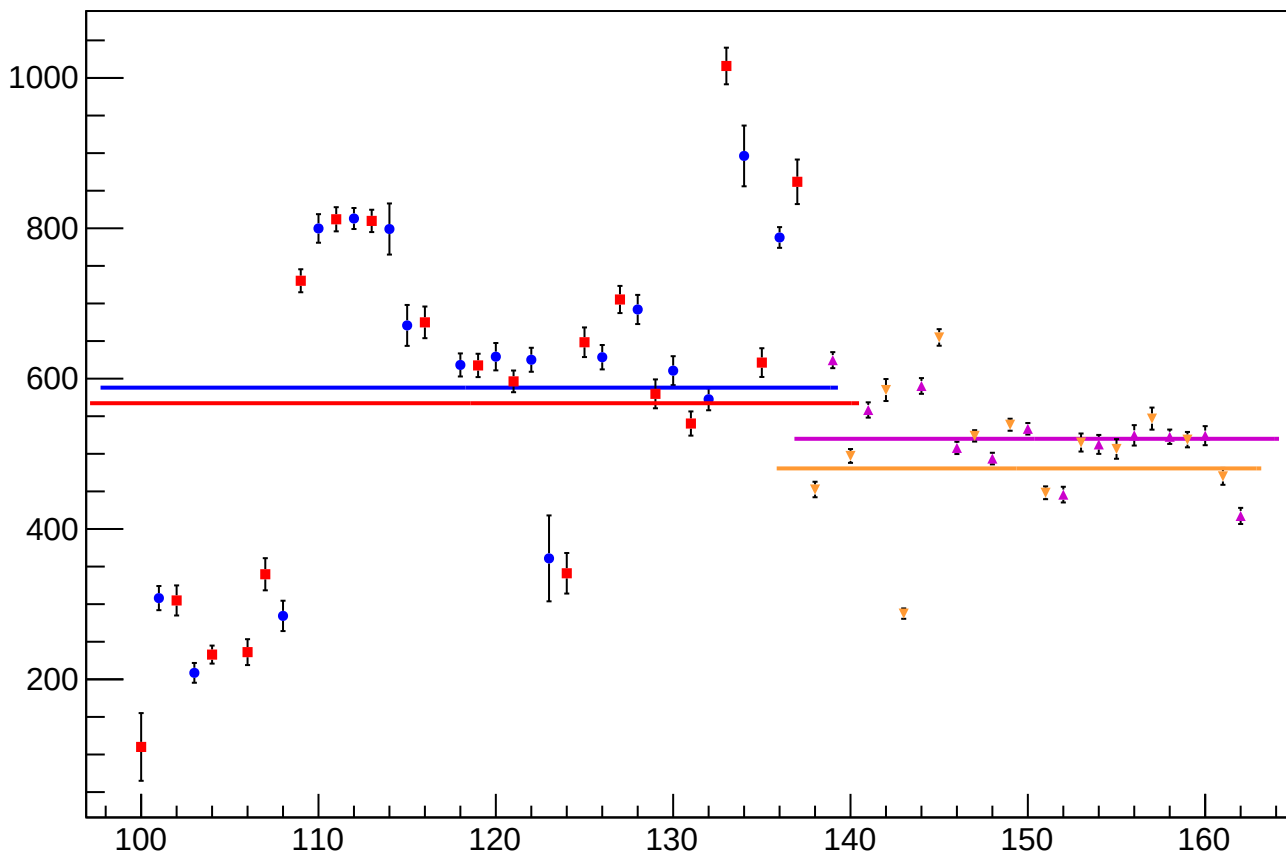
Right: -8.788 $\pm$ 1.617 χ^2/NDF : 687.9/35

In: 2.238 $\pm$ 1.493 χ^2/NDF :559.4/28

Out: 4.288 $\pm$ 1.400 χ^2/NDF :548.9/31

All: 3.328 $\pm$ 1.021 χ^2/NDF : 1109.3/60

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 ± 4.329 $\chi^2/\text{NDF}: 2127.7/16$

Left Out: 480.573 ± 2.704 $\chi^2/\text{NDF}: 1240.4/12$

Right Out: 567.313 ± 4.133 $\chi^2/\text{NDF}: 2784.3/18$

Left In: 519.977 ± 2.851 $\chi^2/\text{NDF}: 314.8/11$

Left: 499.230 ± 1.962 $\chi^2/\text{NDF}: 1655.8/24$

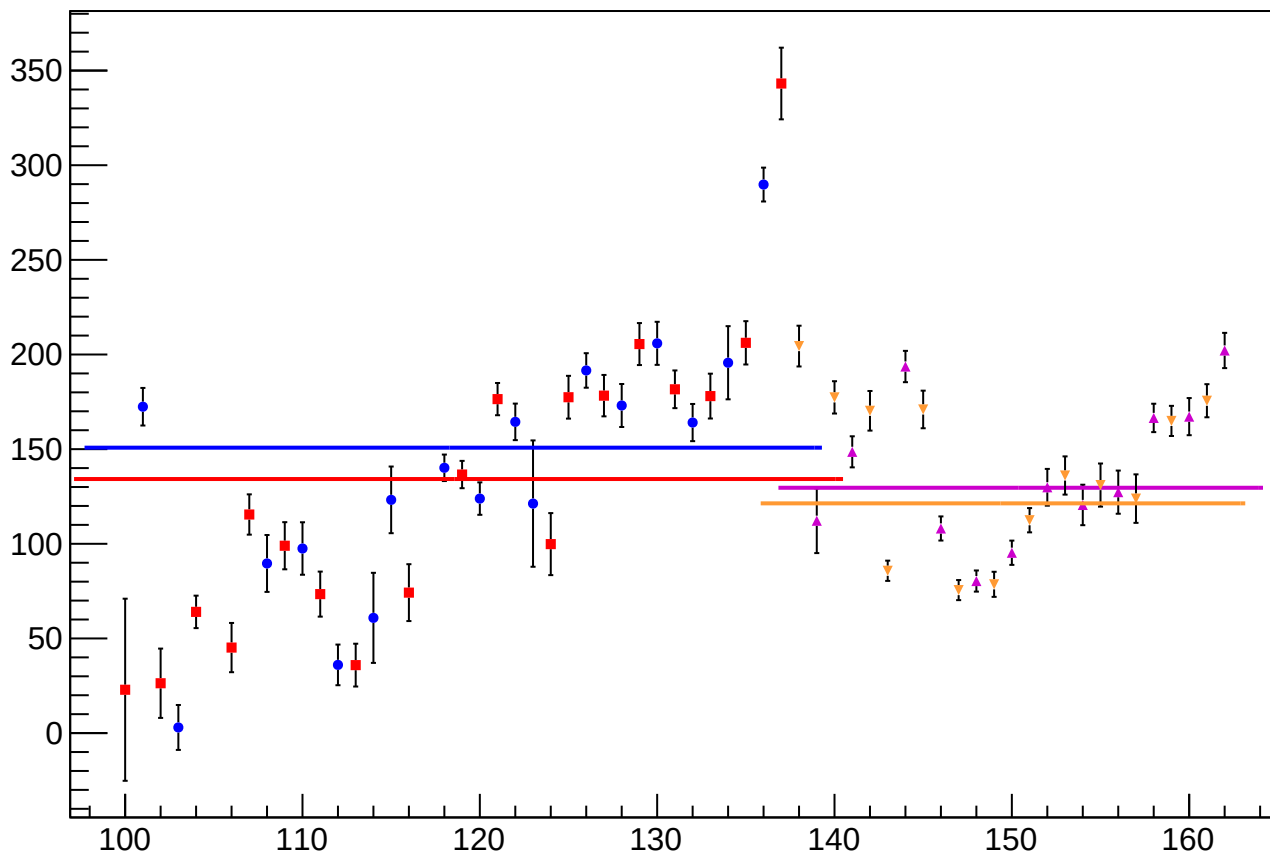
Right: 577.194 ± 2.989 $\chi^2/\text{NDF}: 4924.0/35$

In: 540.570 ± 2.381 $\chi^2/\text{NDF}: 2614.9/28$

Out: 506.571 ± 2.263 $\chi^2/\text{NDF}: 4333.1/31$

All: 522.704 ± 1.640 $\chi^2/\text{NDF}: 7055.2/60$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 121.365 $\pm$ 2.173 χ^2 /NDF:383.2/12

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 129.605 $\pm$ 2.353 χ^2 /NDF:284.6/11

Left: 125.159 $\pm$ 1.596 χ^2 /NDF: 674.4/24

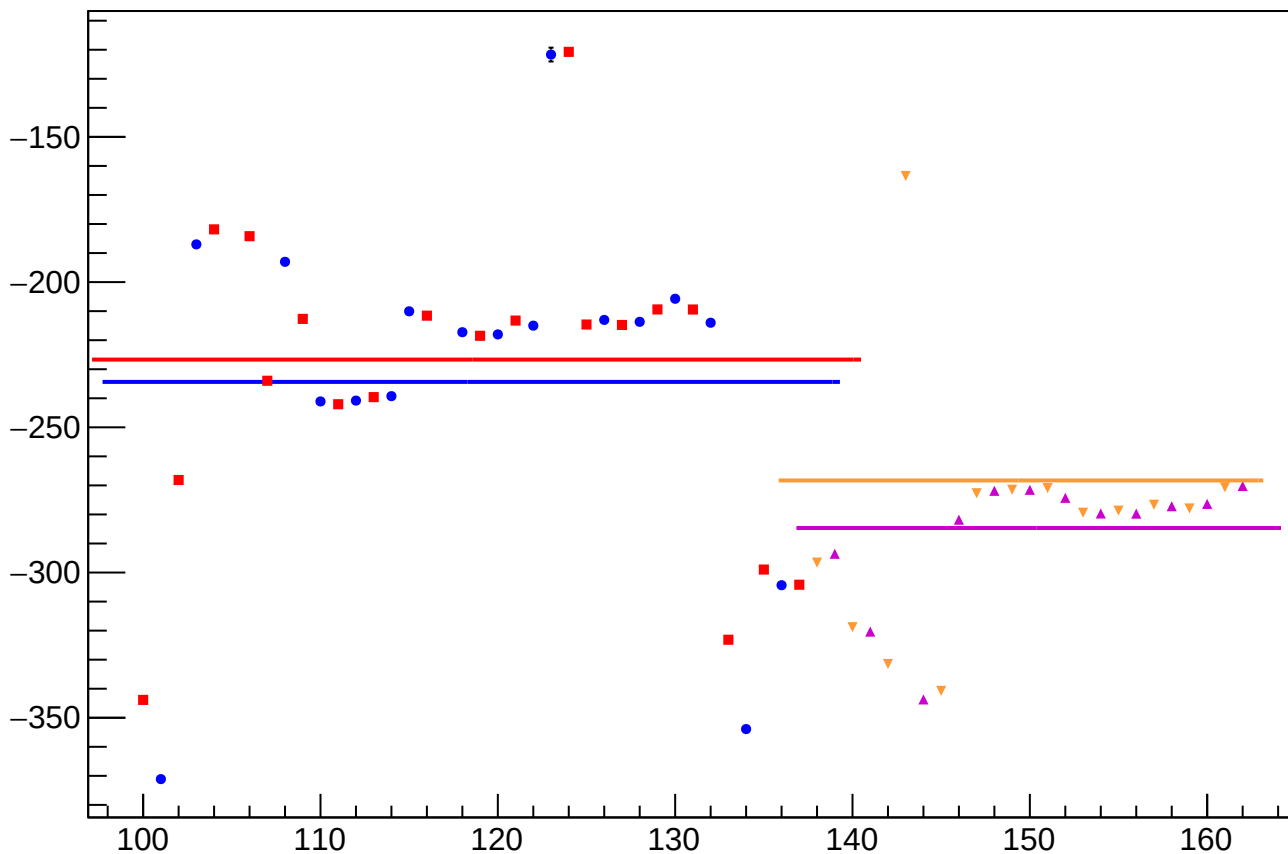
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 138.824 $\pm$ 1.768 χ^2 /NDF:953.0/28

Out: 126.615 $\pm$ 1.672 χ^2 /NDF:979.1/31

All: 132.378 $\pm$ 1.215 χ^2 /NDF: 1957.3/60

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.287+/-0.109 χ^2/NDF : 204350.5/12

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -284.666+/-0.113 χ^2/NDF : 30666.0/11

Left: -276.154+/-0.079 χ^2/NDF : 245858.5/24

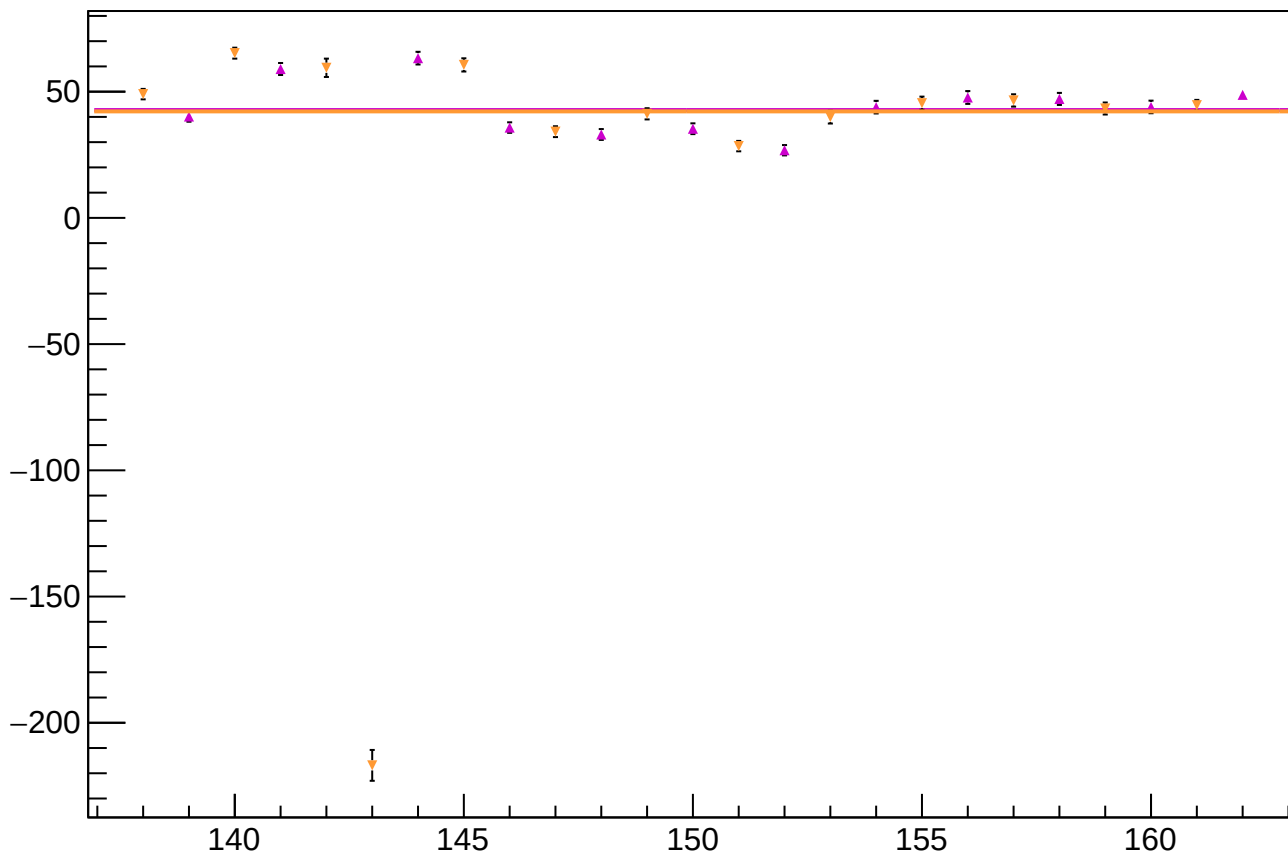
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -266.132+/-0.090 χ^2/NDF : 248325.6/28

Out: -252.754+/-0.086 χ^2/NDF : 358229.3/31

All: -259.153+/-0.062 χ^2/NDF : 618050.3/60

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: 42.193+/-0.672 χ^2/NDF :2058.5/12

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: 42.460+/-0.466 χ^2/NDF : 2295.3/24

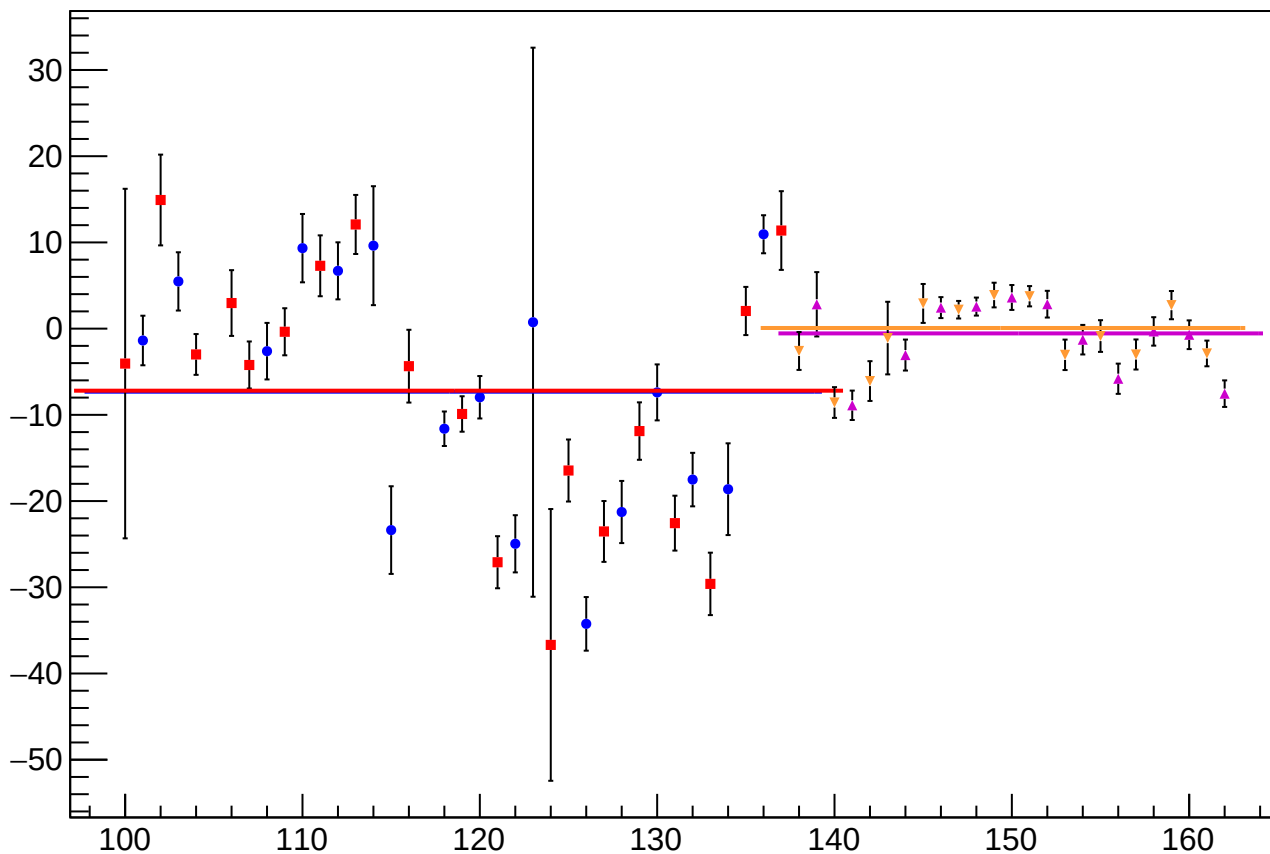
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.707+/-0.646 χ^2/NDF :236.5/11

Out: 42.193+/-0.672 χ^2/NDF :2058.5/12

All: 42.460+/-0.466 χ^2/NDF : 2295.3/24

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.075 ± 0.452 χ^2/NDF : 68.0/12

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -0.554 ± 0.446 χ^2/NDF : 84.5/11

Left: -0.243 ± 0.317 χ^2/NDF : 153.5/24

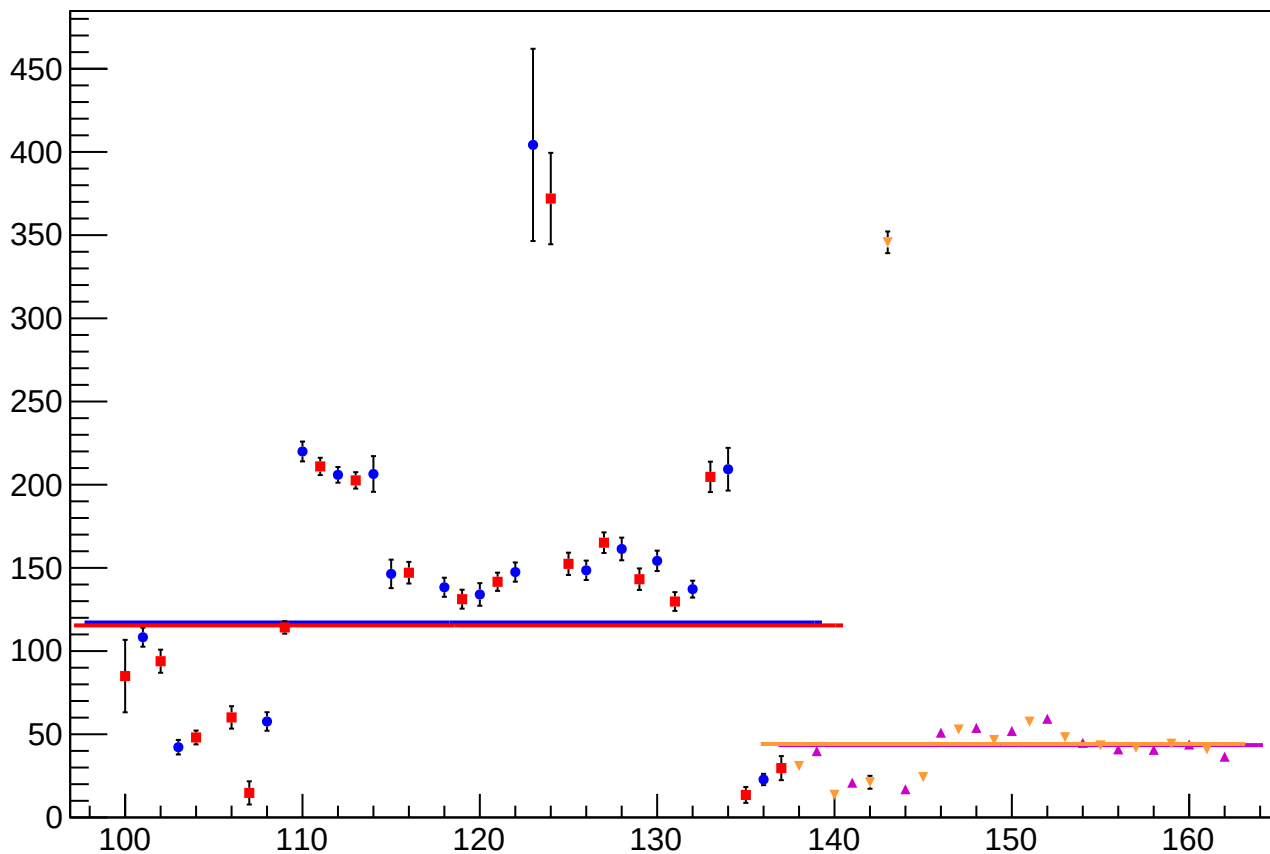
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.218 ± 0.387 χ^2/NDF : 420.2/28

Out: -1.818 ± 0.388 χ^2/NDF : 387.7/31

All: -2.019 ± 0.274 χ^2/NDF : 808.4/60

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.169+/-0.654 χ^2/NDF :2511.8/12

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 43.487+/-0.626 χ^2/NDF :320.9/11

Left: 43.814+/-0.452 χ^2/NDF : 2833.2/24

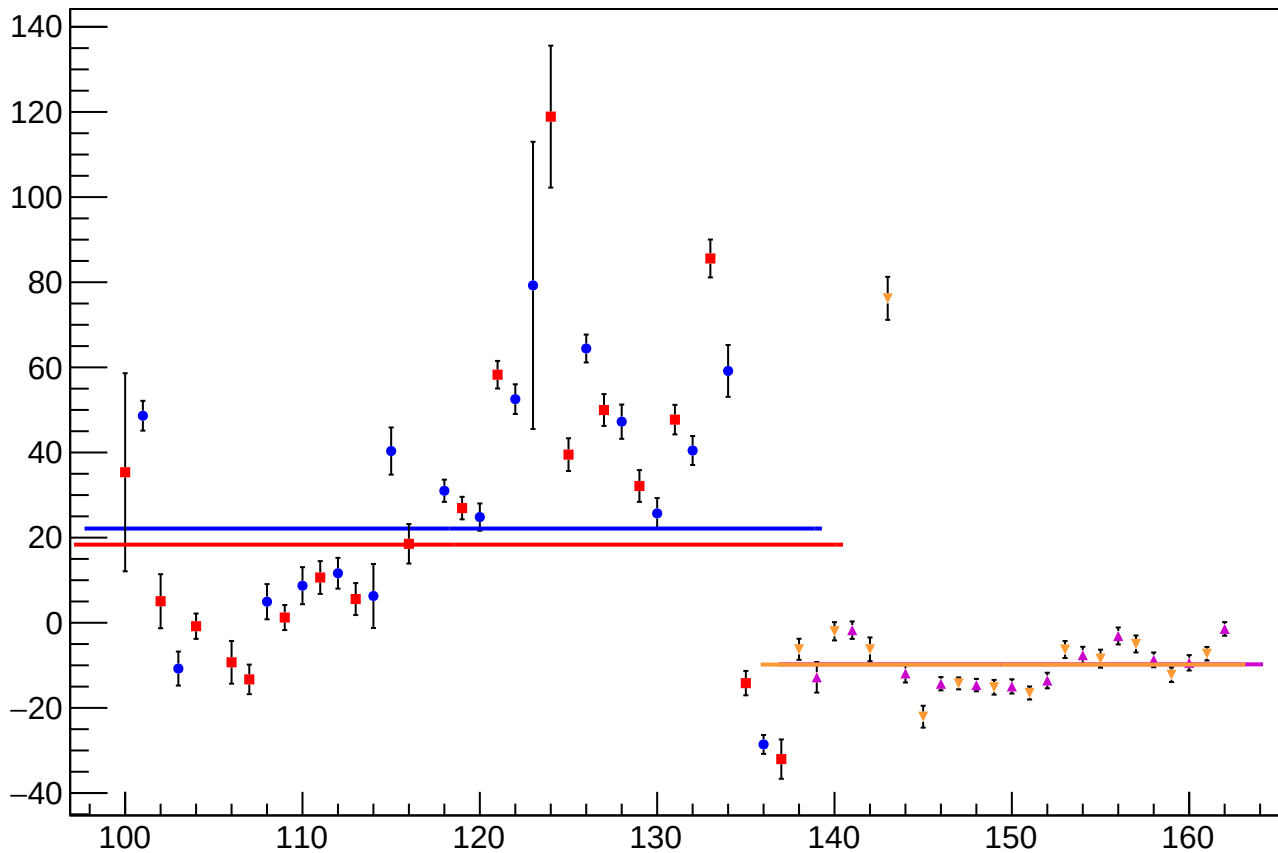
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 55.600+/-0.572 χ^2/NDF :4758.4/28

Out: 57.530+/-0.589 χ^2/NDF :6892.5/31

All: 56.537+/-0.410 χ^2/NDF : 11656.4/60

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -9.816 ± 0.540 $\chi^2/\text{NDF}: 382.6/12$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -9.766 ± 0.526 $\chi^2/\text{NDF}: 90.5/11$

Left: -9.791 ± 0.377 $\chi^2/\text{NDF}: 473.1/24$

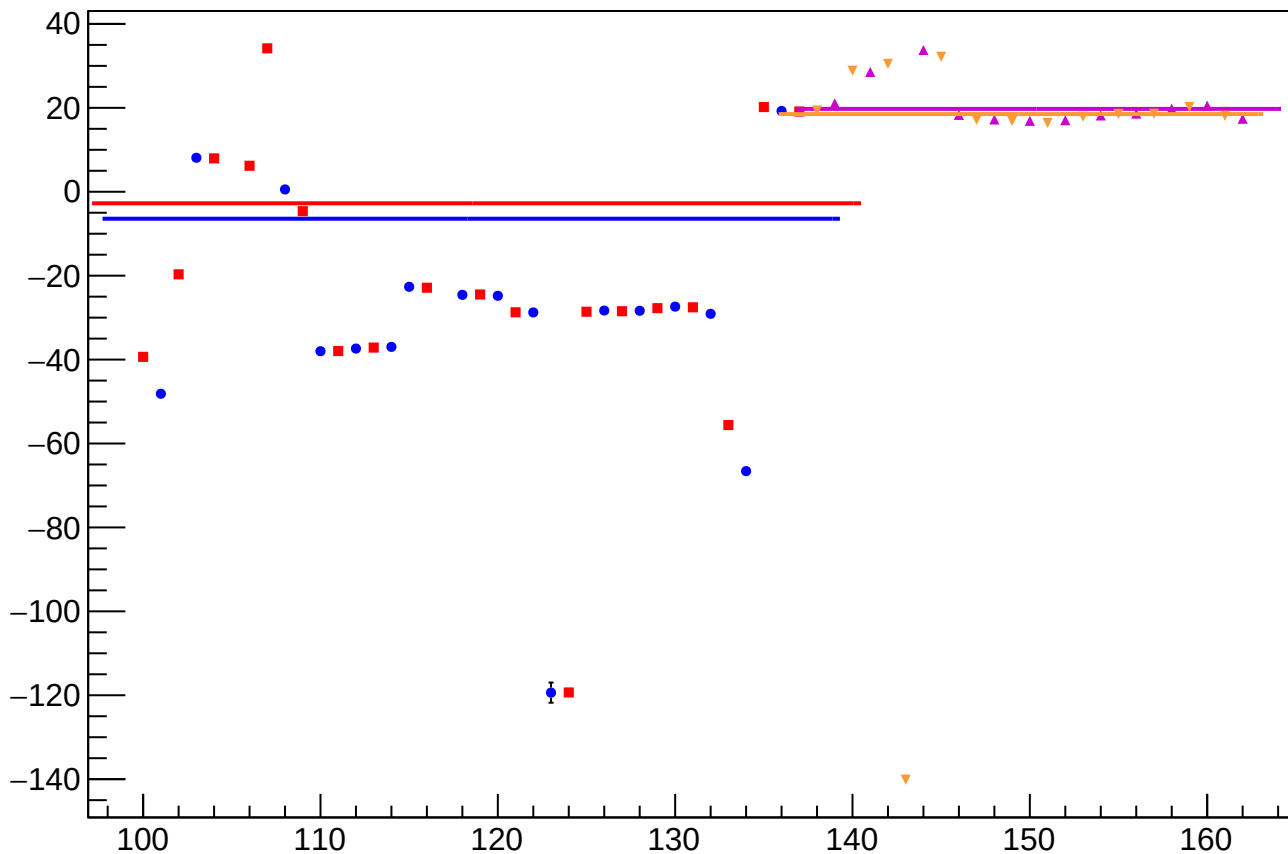
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.512 ± 0.453 $\chi^2/\text{NDF}: 2104.6/28$

Out: -1.994 ± 0.459 $\chi^2/\text{NDF}: 2208.4/31$

All: -1.750 ± 0.323 $\chi^2/\text{NDF}: 4313.6/60$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.515 ± 0.026 χ^2/NDF : 400143.3/12

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 19.750 ± 0.024 χ^2/NDF : 27063.6/11

Left: 19.161 ± 0.018 χ^2/NDF : 428432.3/24

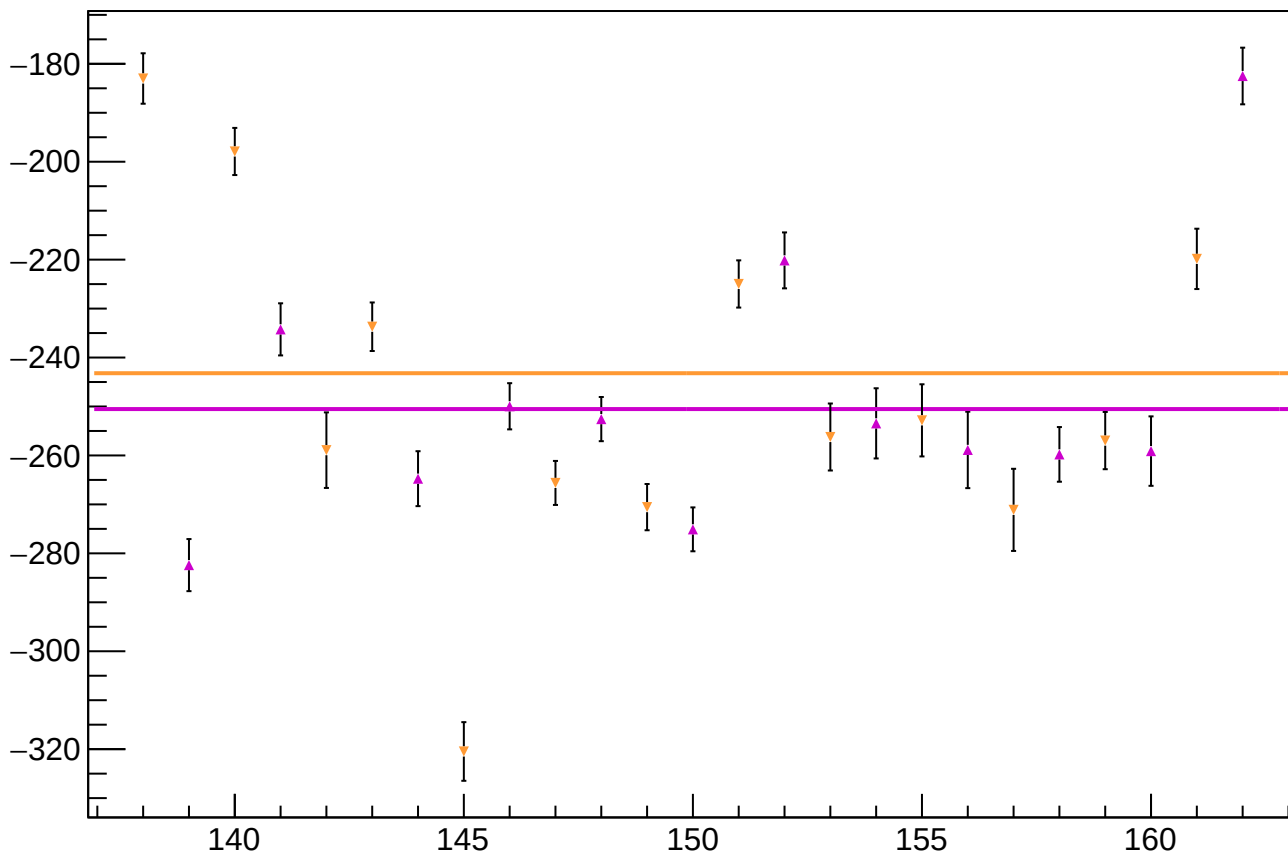
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 14.054 ± 0.022 χ^2/NDF : 543297.0/28

Out: 13.459 ± 0.022 χ^2/NDF : 831663.9/31

All: 13.766 ± 0.015 χ^2/NDF : 1375329.2/60

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: -243.202+/-1.556 χ^2/NDF : 508.2/12

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: -246.780+/-1.113 χ^2/NDF : 773.0/24

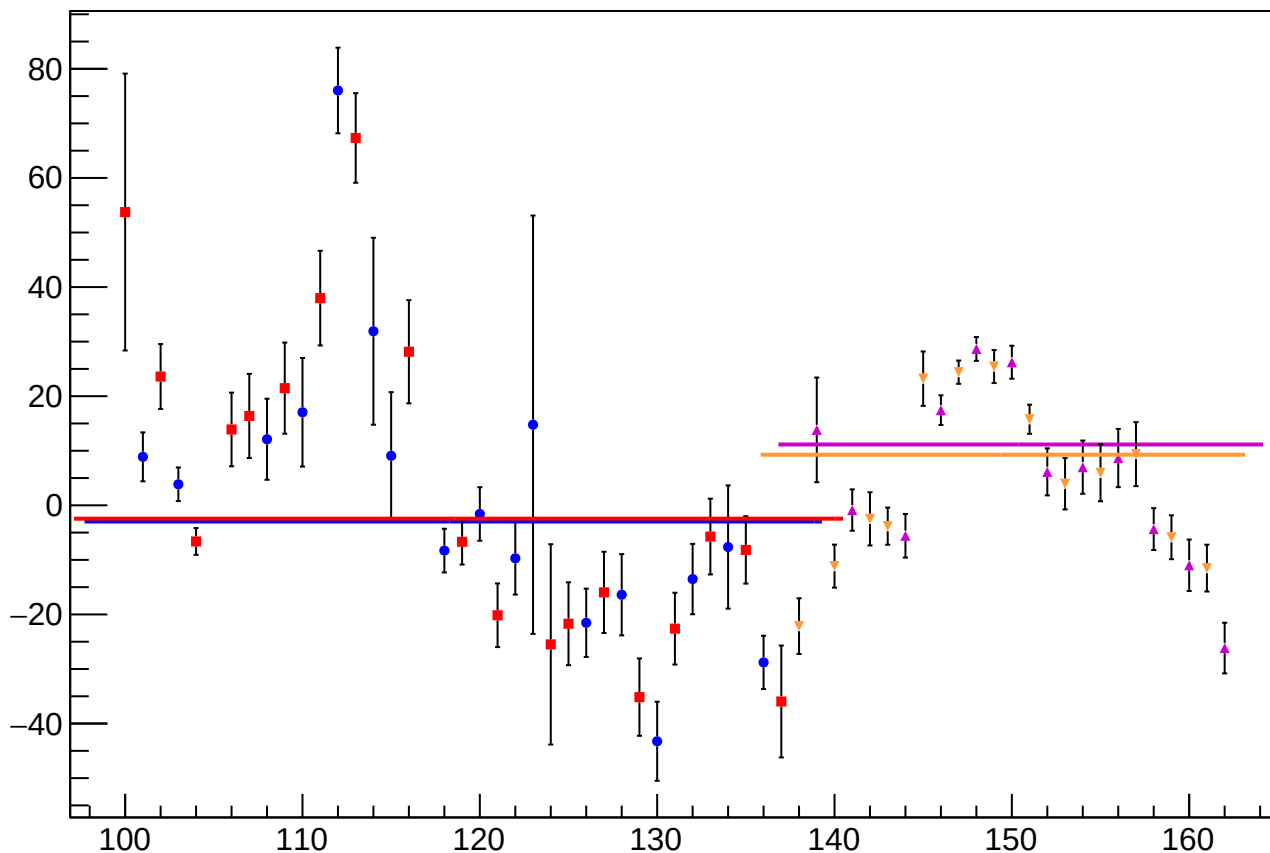
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.526+/-1.592 χ^2/NDF : 254.0/11

Out: -243.202+/-1.556 χ^2/NDF : 508.2/12

All: -246.780+/-1.113 χ^2/NDF : 773.0/24

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 9.278 ± 1.016 χ^2/NDF : 217.4/12

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 11.150 ± 1.062 χ^2/NDF : 227.3/11

Left: 10.173 ± 0.734 χ^2/NDF : 446.3/24

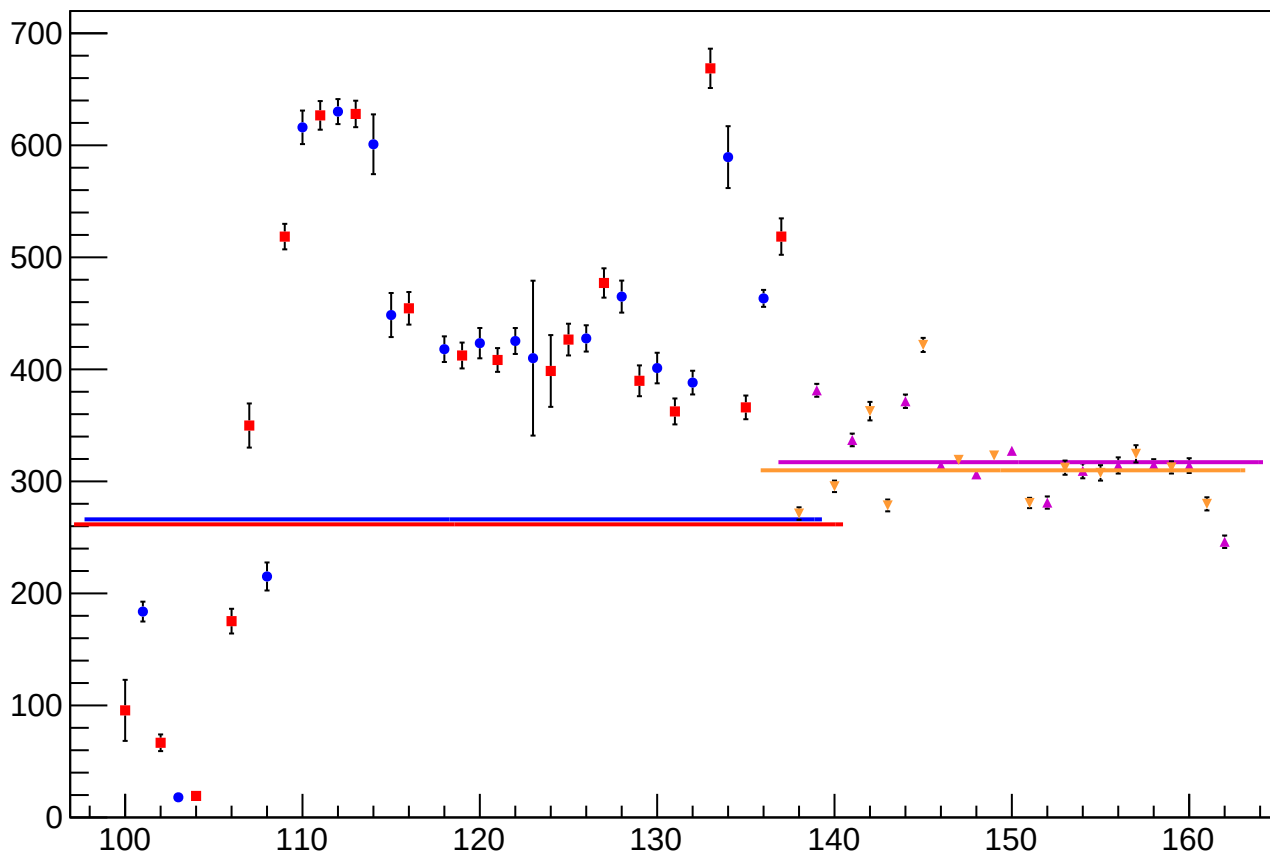
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 6.235 ± 0.857 χ^2/NDF : 492.4/28

Out: 5.222 ± 0.822 χ^2/NDF : 478.9/31

All: 5.707 ± 0.593 χ^2/NDF : 972.0/60

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 309.881 $\pm$ 1.531 χ^2 /NDF:532.1/12

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 317.144 $\pm$ 1.545 χ^2 /NDF:439.3/11

Left: 313.479 $\pm$ 1.087 χ^2 /NDF: 982.6/24

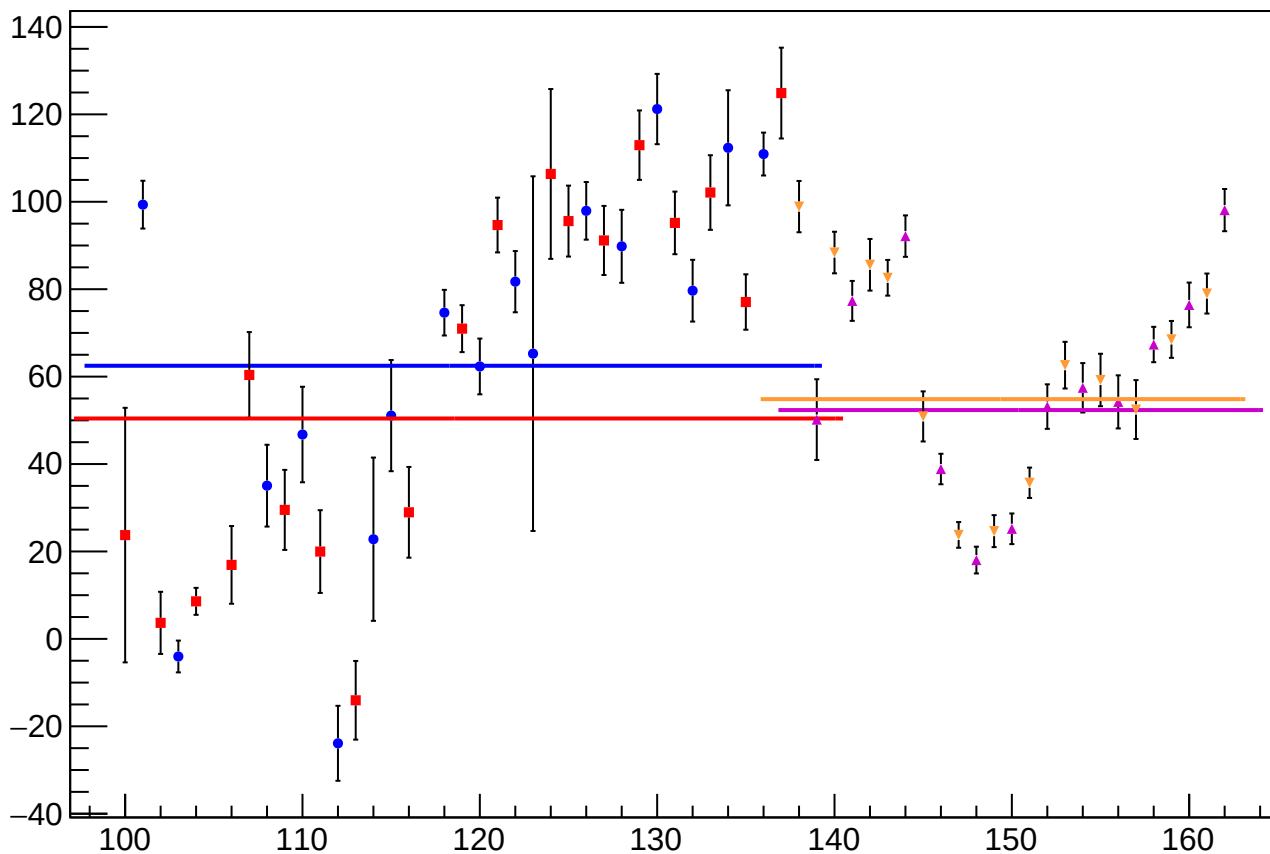
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 302.880 $\pm$ 1.311 χ^2 /NDF:8388.4/28

Out: 296.392 $\pm$ 1.299 χ^2 /NDF:9019.4/31

All: 299.606 $\pm$ 0.923 χ^2 /NDF: 17420.1/60

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 54.850+/-1.236 χ^2/NDF : 431.2/12

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 52.348+/-1.276 χ^2/NDF : 427.8/11

Left: 53.640+/-0.888 χ^2/NDF : 860.9/24

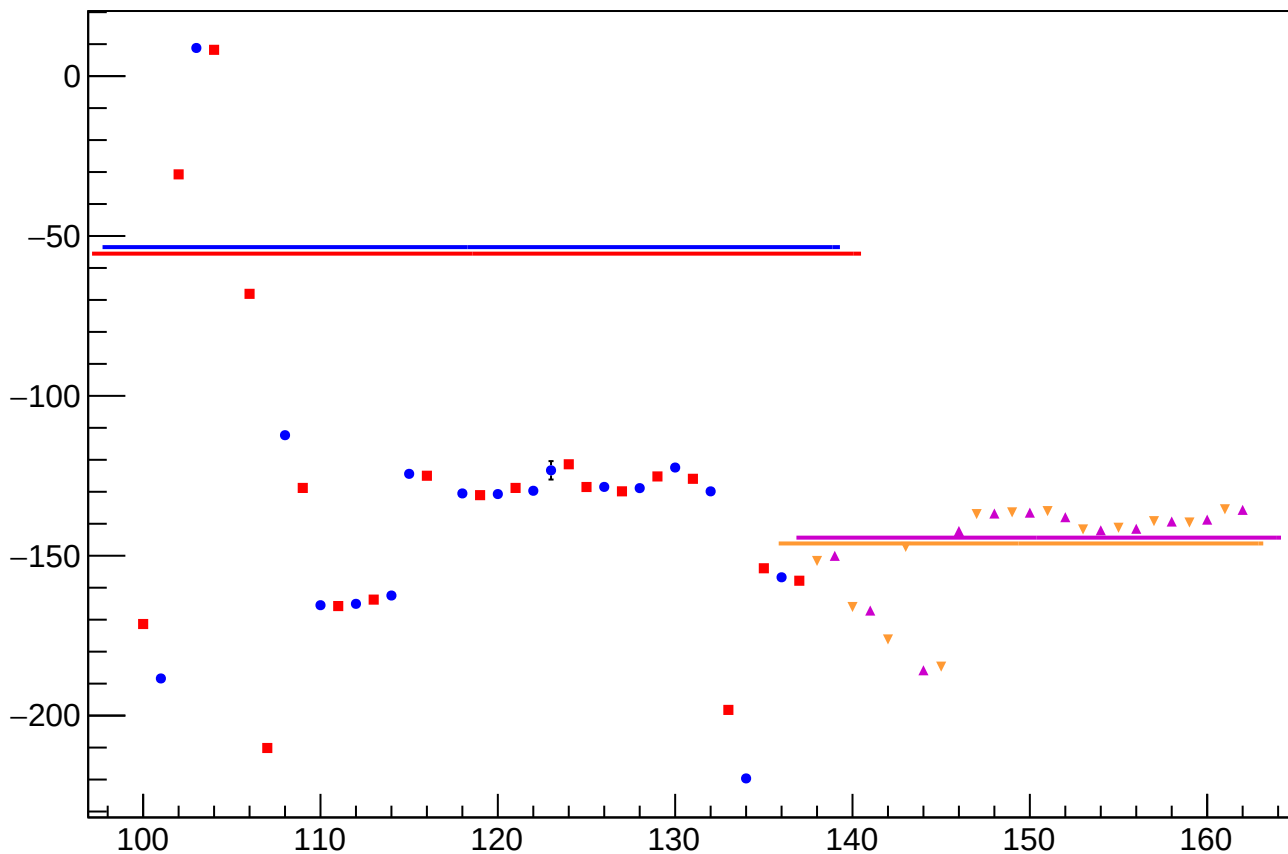
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 56.056+/-1.017 χ^2/NDF : 1171.6/28

Out: 53.248+/-0.987 χ^2/NDF : 1087.3/31

All: 54.611+/-0.708 χ^2/NDF : 2262.8/60

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -146.166 ± 0.061 $\chi^2/\text{NDF}: 53057.0/12$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -144.344 ± 0.061 $\chi^2/\text{NDF}: 43295.3/11$

Left: -145.252 ± 0.043 $\chi^2/\text{NDF}: 96792.9/24$

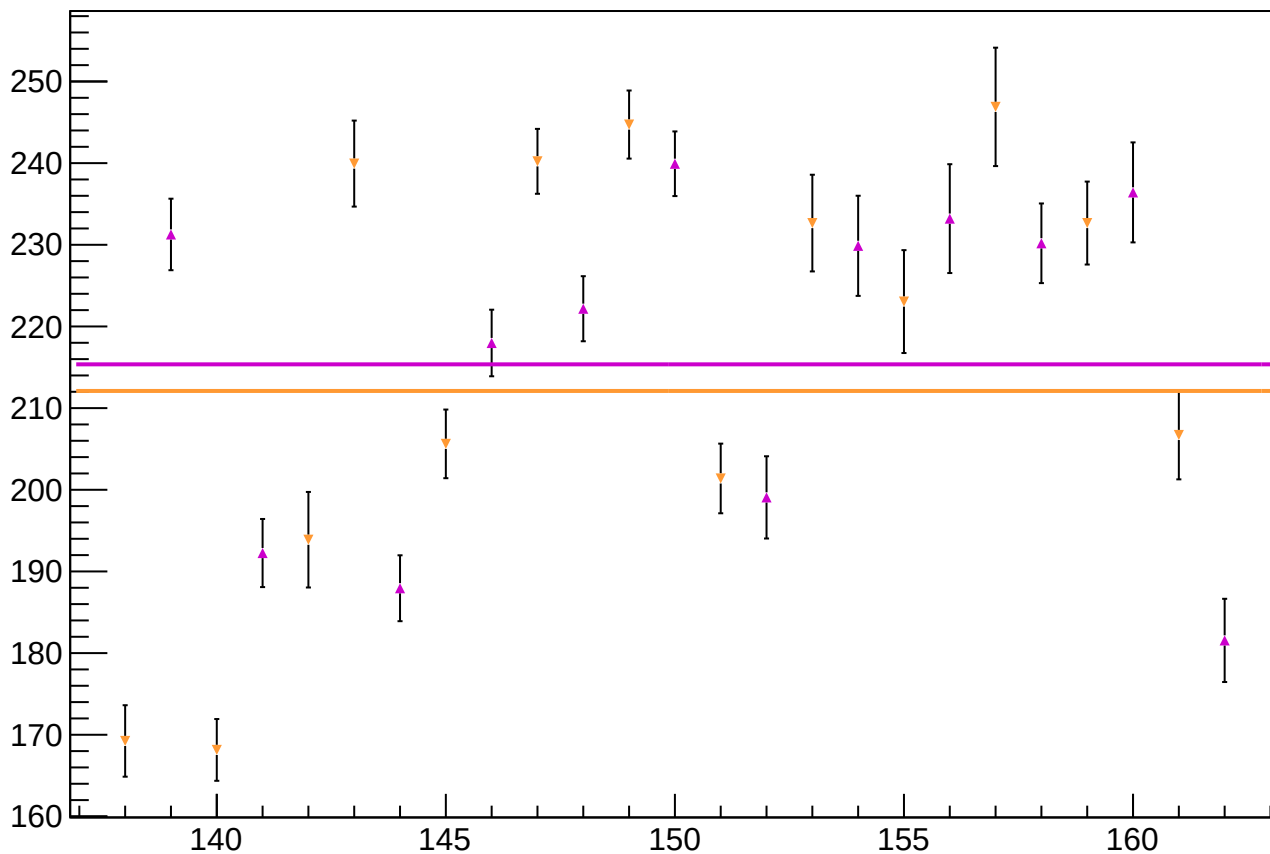
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -105.133 ± 0.046 $\chi^2/\text{NDF}: 2221430.4/28$

Out: -107.877 ± 0.047 $\chi^2/\text{NDF}: 1941047.4/31$

All: -106.489 ± 0.033 $\chi^2/\text{NDF}: 4164222.7/60$

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: 212.102+/-1.330 χ^2/NDF :444.1/12

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: 213.715+/-0.945 χ^2/NDF : 667.3/24

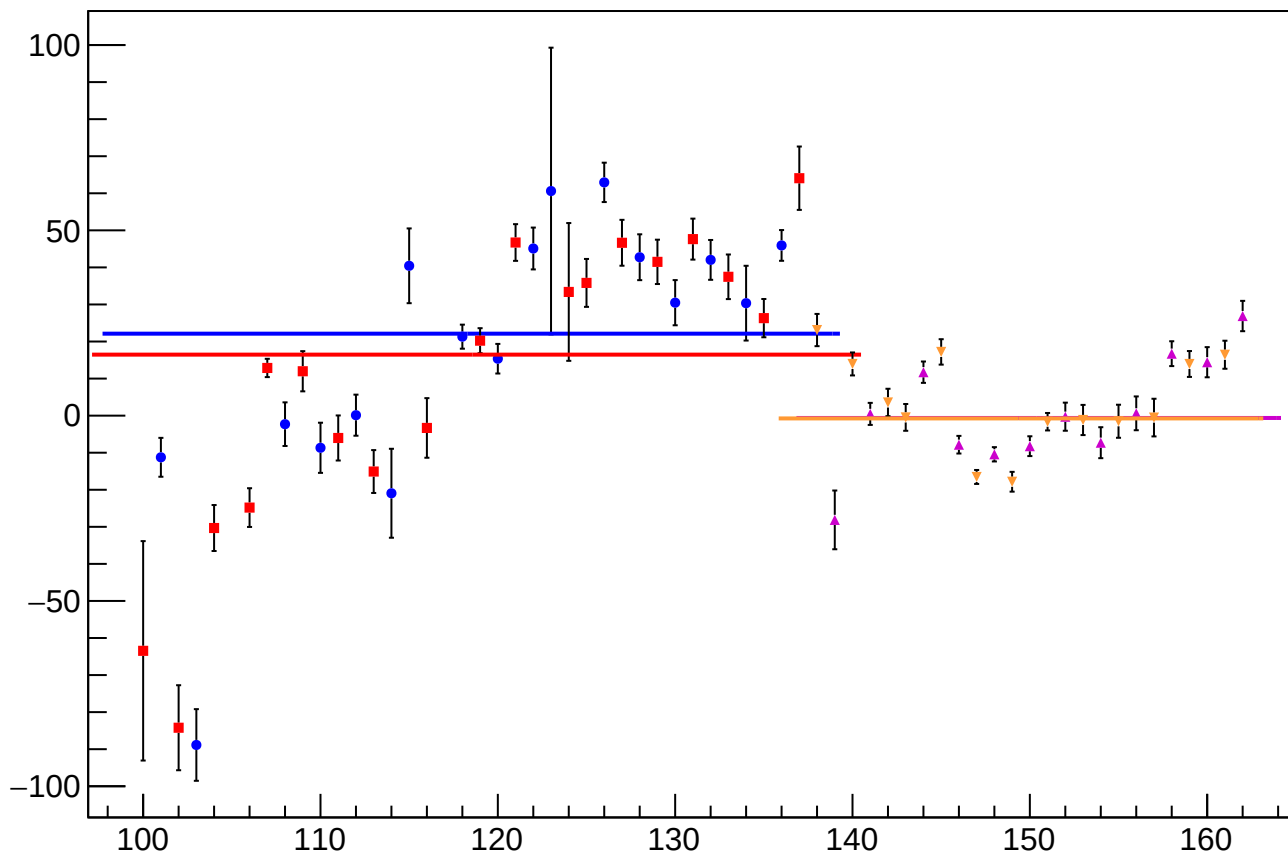
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.361+/-1.344 χ^2/NDF :220.2/11

Out: 212.102+/-1.330 χ^2/NDF :444.1/12

All: 213.715+/-0.945 χ^2/NDF : 667.3/24

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -0.751 ± 0.879 $\chi^2/\text{NDF}: 231.1/12$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -0.628 ± 0.906 $\chi^2/\text{NDF}: 161.9/11$

Left: -0.691 ± 0.631 $\chi^2/\text{NDF}: 393.0/24$

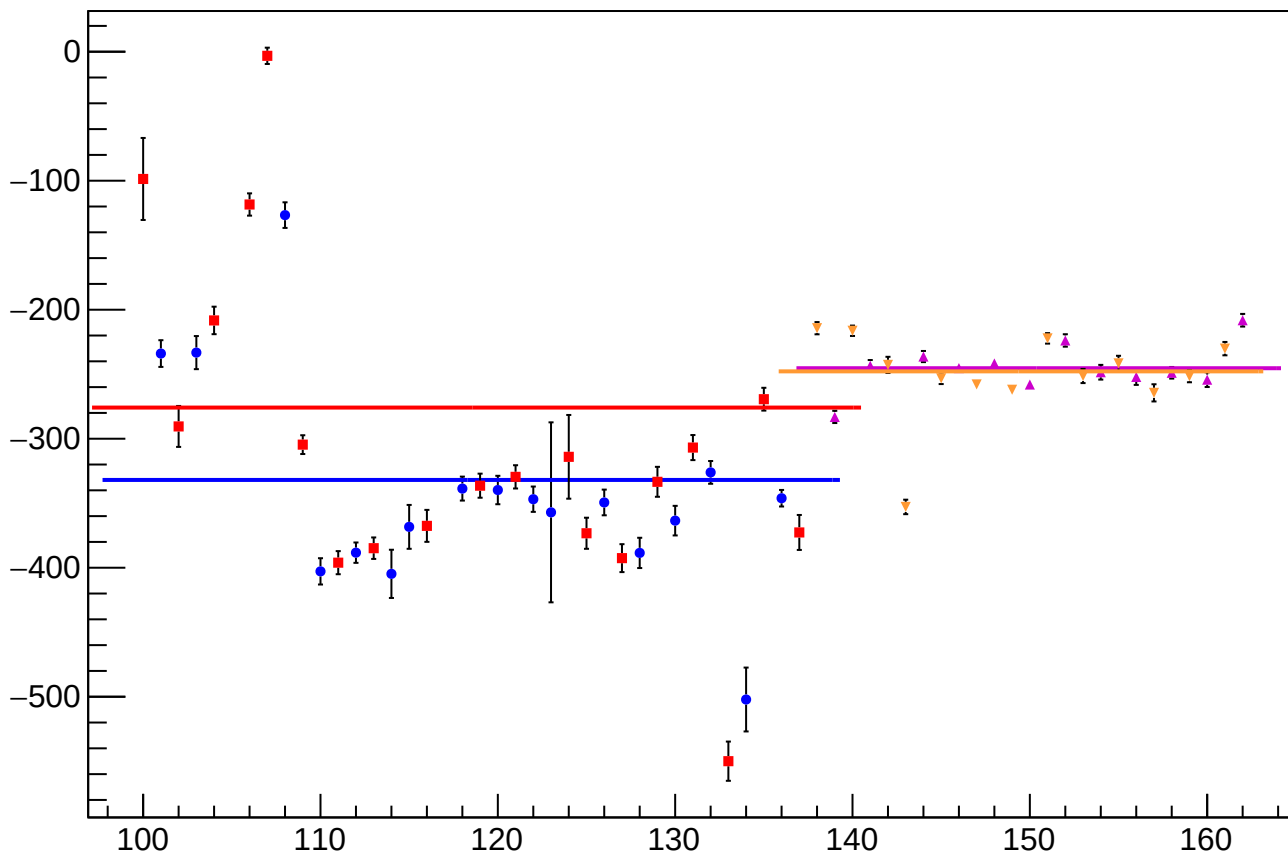
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.247 ± 0.757 $\chi^2/\text{NDF}: 734.5/28$

Out: 5.079 ± 0.715 $\chi^2/\text{NDF}: 785.2/31$

All: 5.630 ± 0.520 $\chi^2/\text{NDF}: 1520.9/60$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -247.785 ± 1.314 χ^2/NDF : 543.5/12

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -245.350 ± 1.312 χ^2/NDF : 162.8/11

Left: -246.566 ± 0.928 χ^2/NDF : 708.0/24

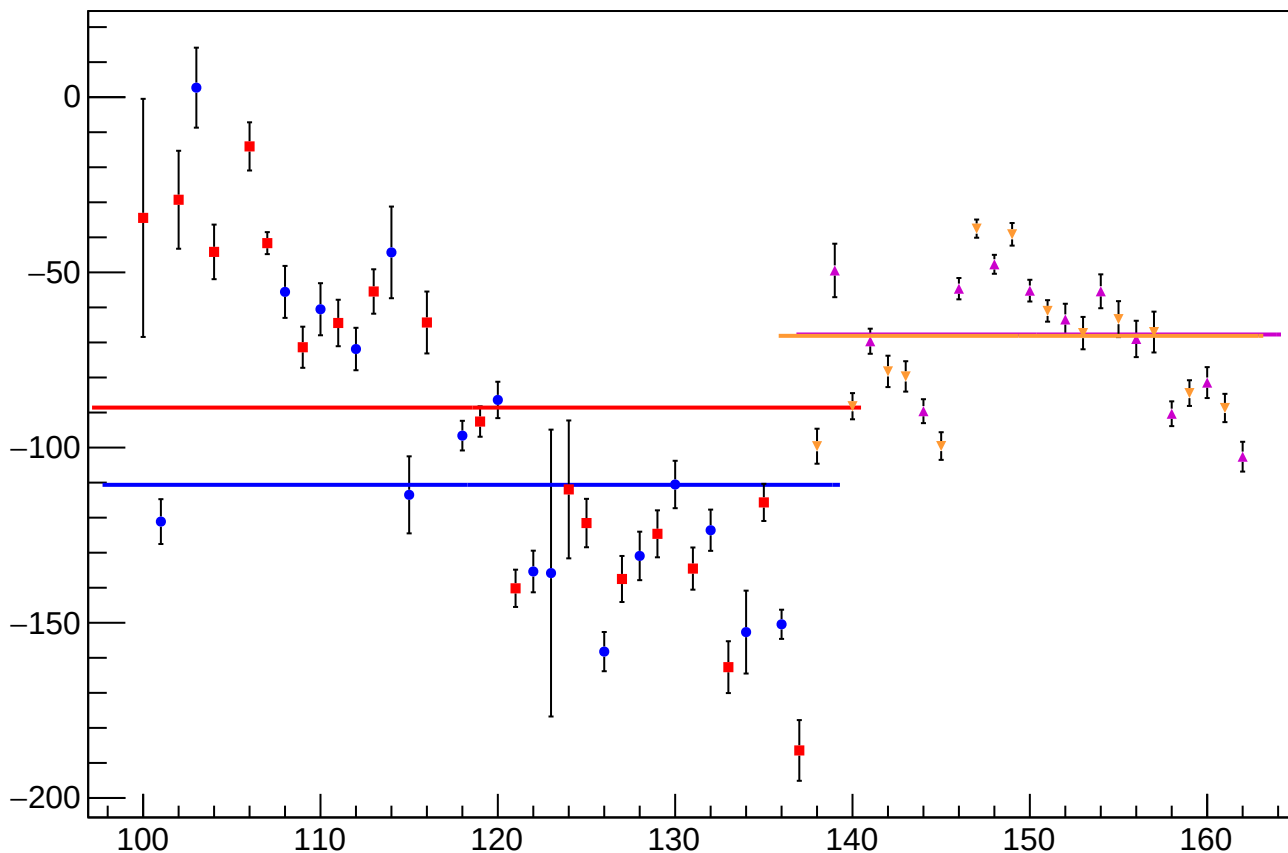
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -263.275 ± 1.168 χ^2/NDF : 1850.7/28

Out: -254.584 ± 1.143 χ^2/NDF : 4015.7/31

All: -258.837 ± 0.817 χ^2/NDF : 5894.7/60

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -68.108+/-1.066 χ^2/NDF : 415.9/12

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -67.728+/-1.087 χ^2/NDF : 262.2/11

Left: -67.922+/-0.761 χ^2/NDF : 678.1/24

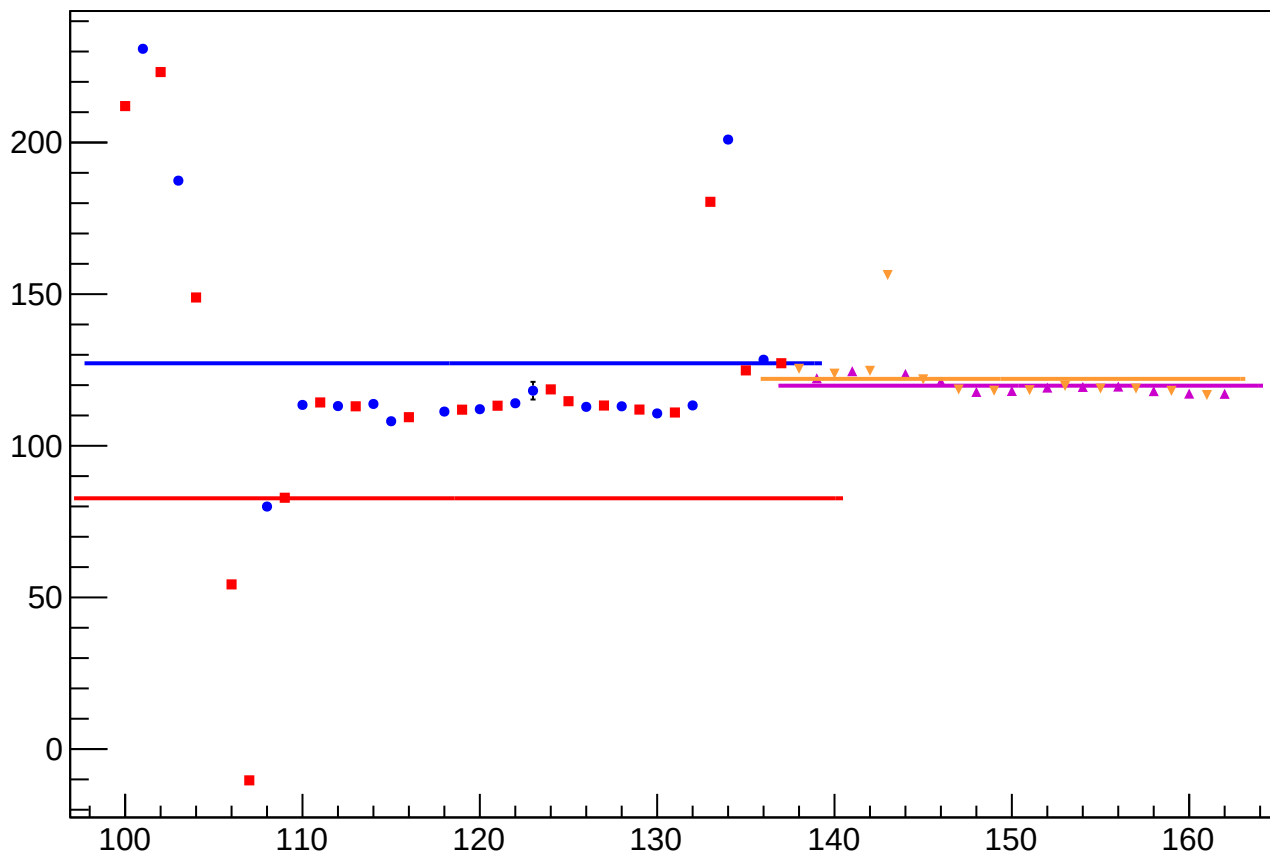
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -81.496+/-0.896 χ^2/NDF : 1271.1/28

Out: -75.406+/-0.856 χ^2/NDF : 1513.8/31

All: -78.312+/-0.619 χ^2/NDF : 2809.1/60

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 122.064 $\pm$ 0.053 χ^2 /NDF: 26683.3/12

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 119.820 $\pm$ 0.052 χ^2 /NDF: 2170.2/11

Left: 120.928 $\pm$ 0.037 χ^2 /NDF: 29771.3/24

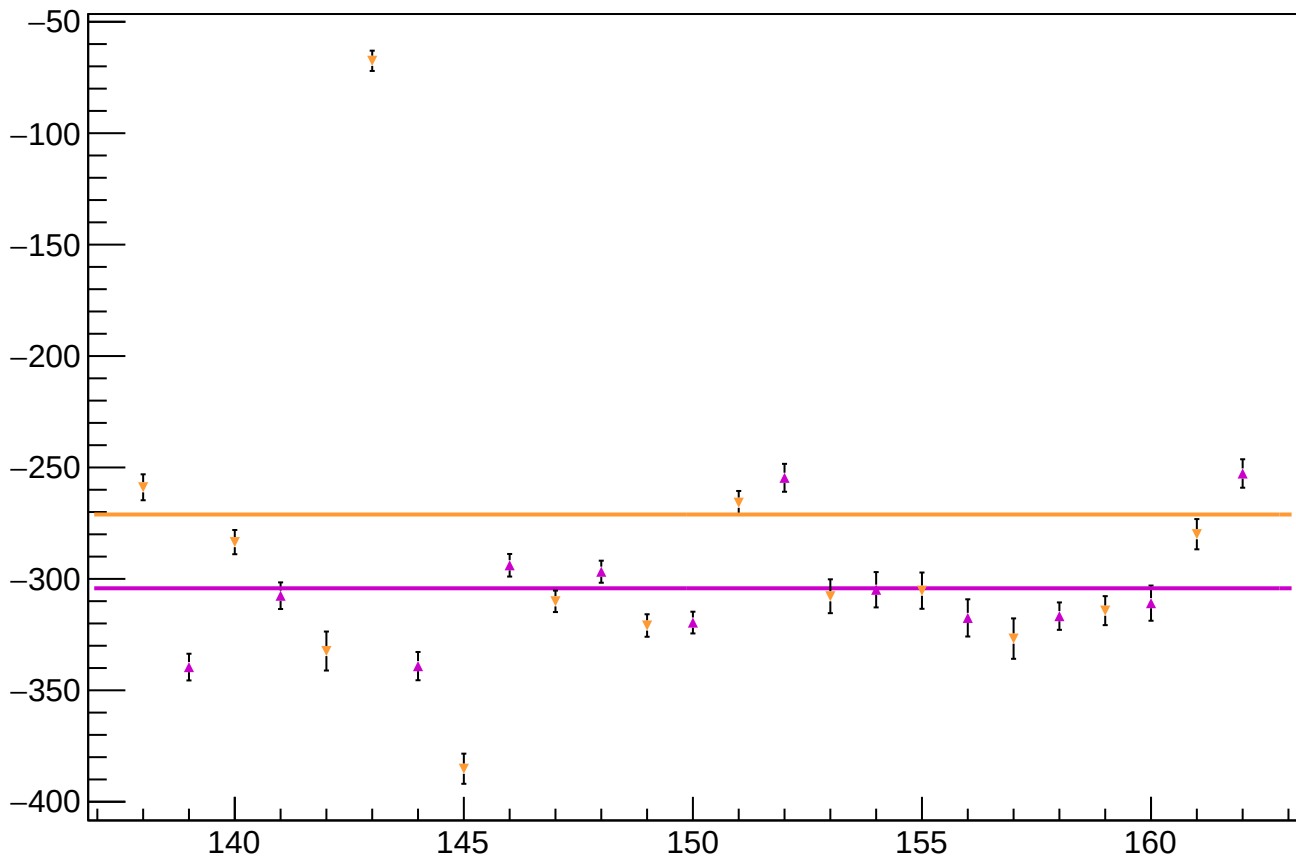
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.698 $\pm$ 0.045 χ^2 /NDF: 195315.2/28

Out: 109.114 $\pm$ 0.043 χ^2 /NDF: 975969.4/31

All: 115.152 $\pm$ 0.031 χ^2 /NDF: 1212047.0/60

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -271.107+/-1.679 χ^2/NDF :2633.7/12

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -304.215+/-1.753 χ^2/NDF :216.9/11

Left: -286.942+/-1.213 χ^2/NDF : 3036.6/24

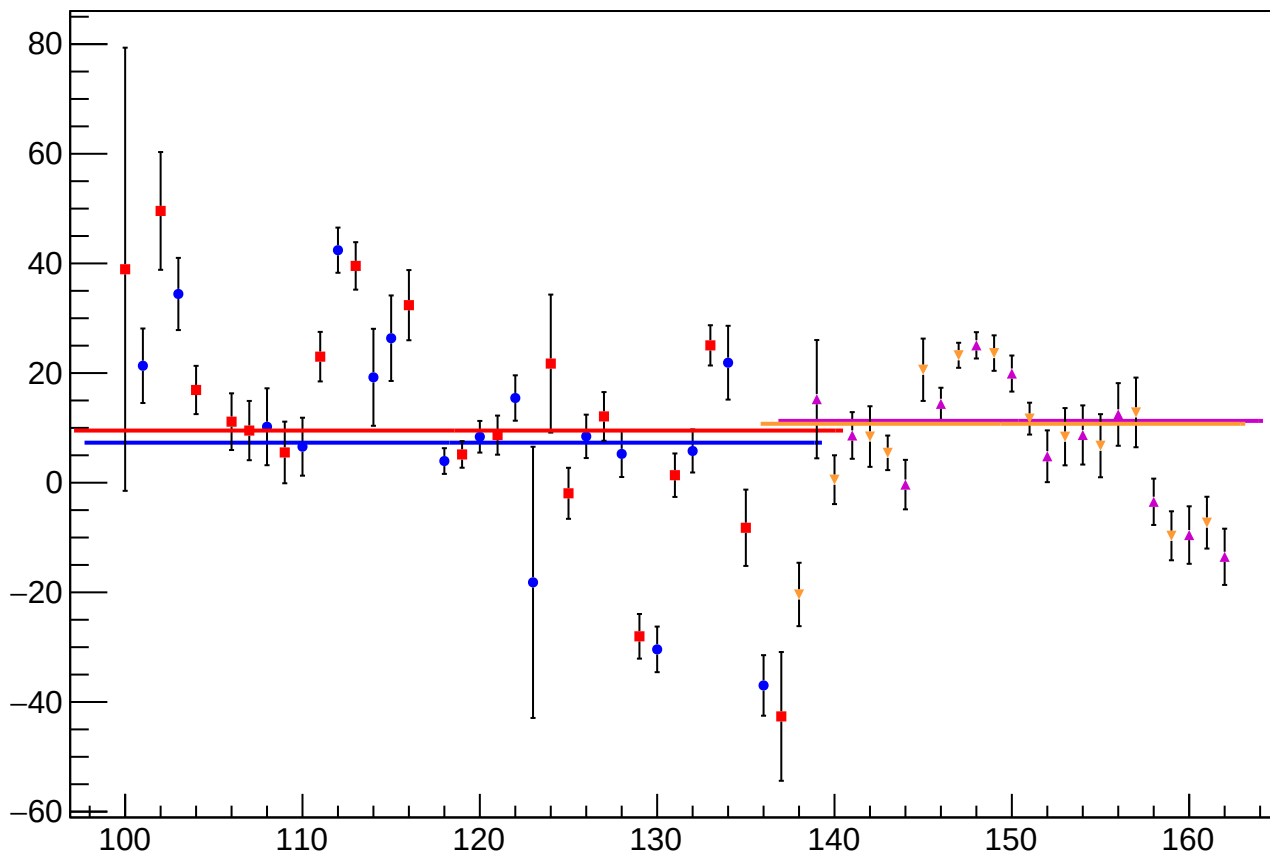
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -304.215+/-1.753 χ^2/NDF :216.9/11

Out: -271.107+/-1.679 χ^2/NDF :2633.7/12

All: -286.942+/-1.213 χ^2/NDF : 3036.6/24

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 10.751 ± 1.093 $\chi^2/\text{NDF}: 122.4/12$

Right Out: 9.513 ± 1.073 $\chi^2/\text{NDF}: 231.7/18$

Left In: 11.277 ± 1.166 $\chi^2/\text{NDF}: 101.6/11$

Left: 10.997 ± 0.798 $\chi^2/\text{NDF}: 224.1/24$

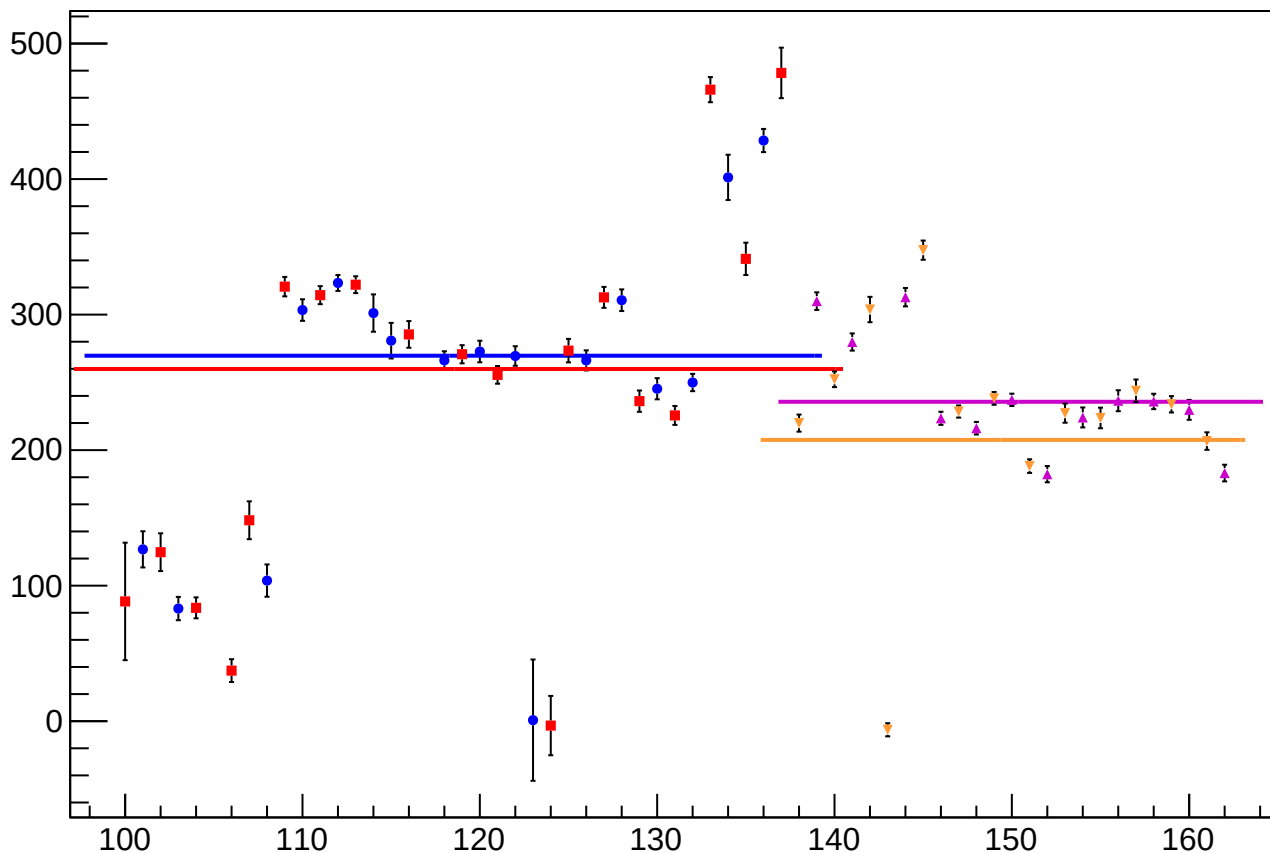
Right: 8.421 ± 0.763 $\chi^2/\text{NDF}: 494.4/35$

In: 9.147 ± 0.795 $\chi^2/\text{NDF}: 368.4/28$

Out: 10.120 ± 0.766 $\chi^2/\text{NDF}: 354.8/31$

All: 9.652 ± 0.551 $\chi^2/\text{NDF}: 724.0/60$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 207.547 $\pm$ 1.653 χ^2 /NDF:2631.5/12

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 235.674 $\pm$ 1.699 χ^2 /NDF:488.3/11

Left: 221.226 $\pm$ 1.185 χ^2 /NDF: 3260.5/24

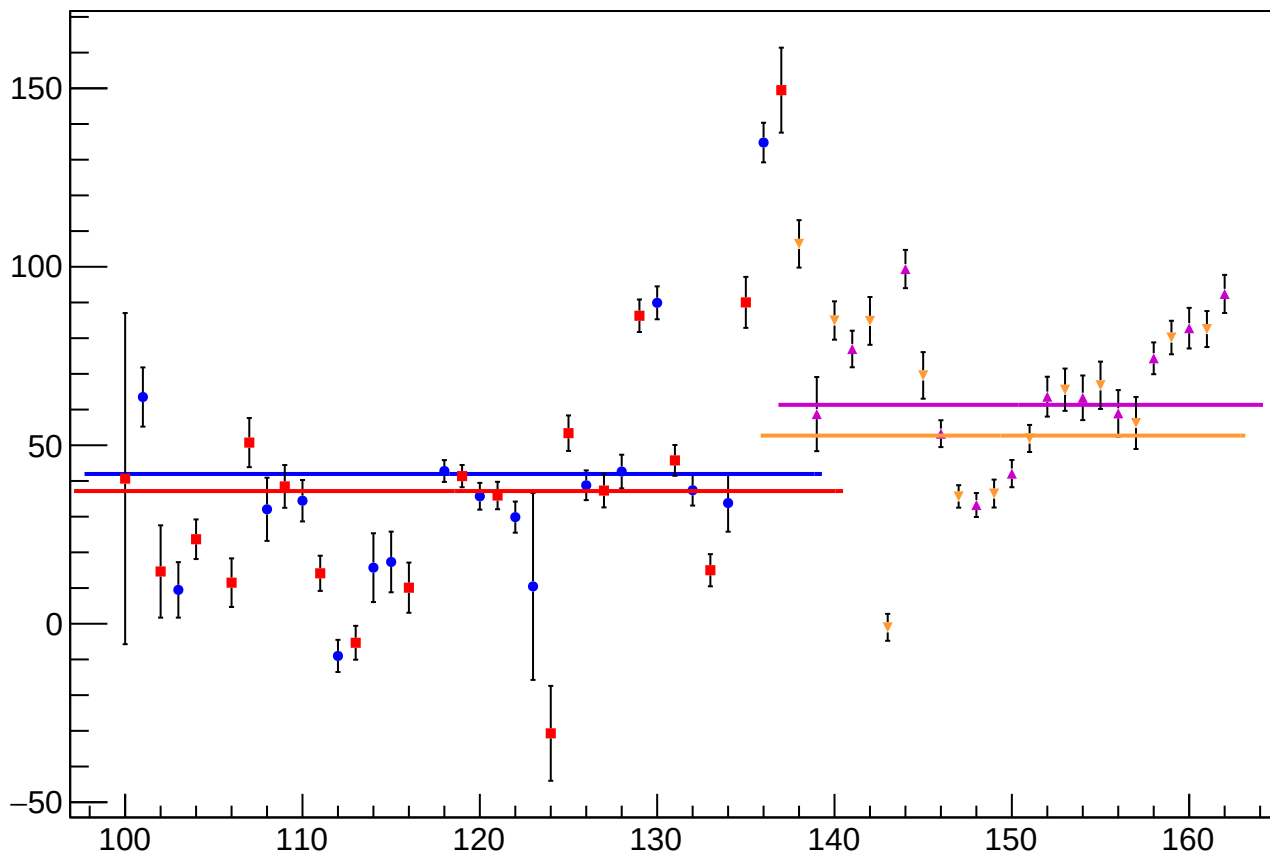
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 249.309 $\pm$ 1.315 χ^2 /NDF:2025.4/28

Out: 229.083 $\pm$ 1.268 χ^2 /NDF:5587.4/31

All: 238.830 $\pm$ 0.913 χ^2 /NDF: 7735.4/60

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 52.712 $\pm$ 1.331 χ^2 /NDF:459.5/12

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 61.319 $\pm$ 1.403 χ^2 /NDF:217.0/11

Left: 56.790 $\pm$ 0.966 χ^2 /NDF: 696.3/24

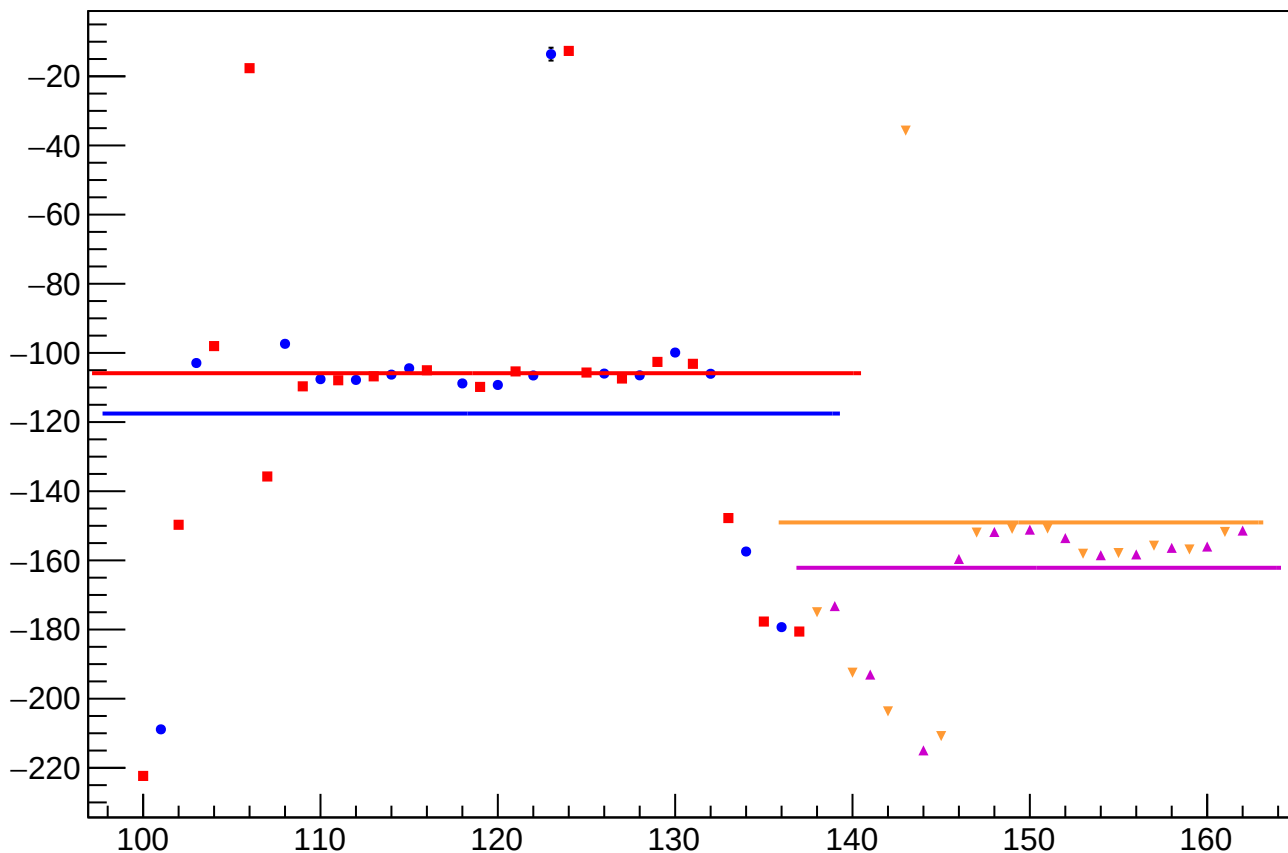
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 50.589 $\pm$ 0.937 χ^2 /NDF:896.8/28

Out: 44.365 $\pm$ 0.906 χ^2 /NDF:1003.6/31

All: 47.372 $\pm$ 0.651 χ^2 /NDF: 1923.2/60

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -149.027 ± 0.066 $\chi^2/\text{NDF}: 452852.7/12$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -162.143 ± 0.067 $\chi^2/\text{NDF}: 59452.7/11$

Left: -155.493 ± 0.047 $\chi^2/\text{NDF}: 531492.4/24$

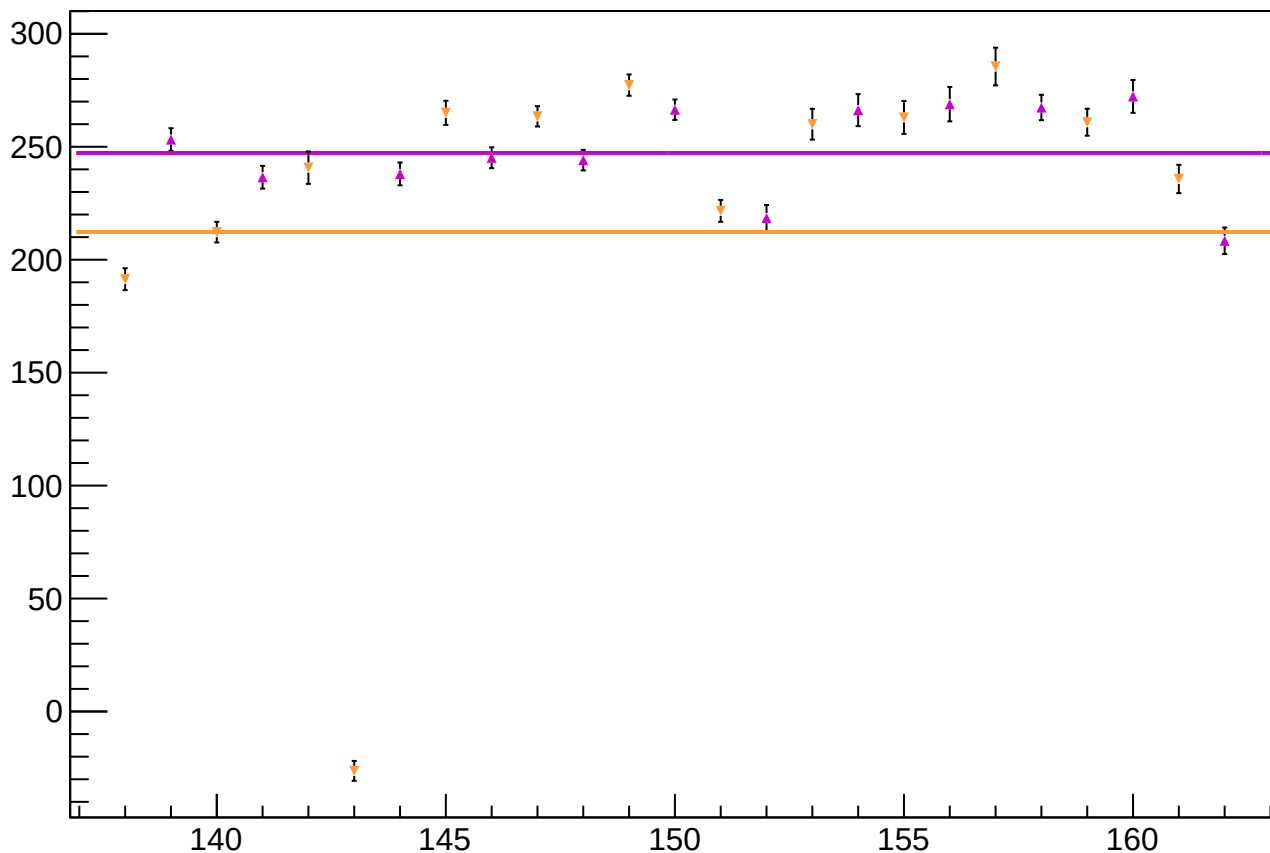
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -143.100 ± 0.051 $\chi^2/\text{NDF}: 388357.9/28$

Out: -129.394 ± 0.049 $\chi^2/\text{NDF}: 968888.6/31$

All: -135.979 ± 0.035 $\chi^2/\text{NDF}: 1394707.0/60$

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: 212.266+/-1.505 χ^2/NDF :3655.5/12

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: 229.105+/-1.084 χ^2/NDF : 4052.7/24

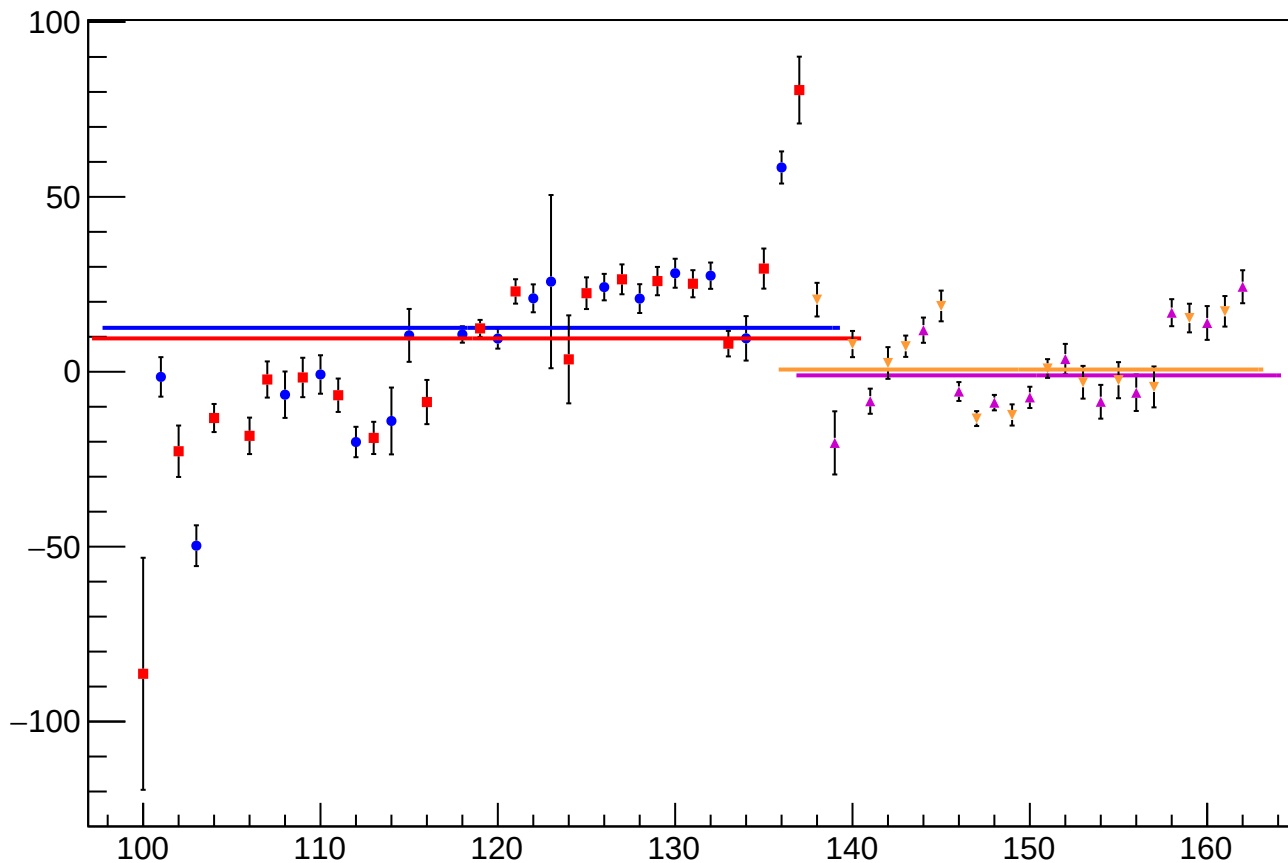
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.275+/-1.563 χ^2/NDF :136.8/11

Out: 212.266+/-1.505 χ^2/NDF :3655.5/12

All: 229.105+/-1.084 χ^2/NDF : 4052.7/24

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 0.641+/-0.992 χ^2/NDF :133.9/12

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -1.034+/-1.051 χ^2/NDF :105.8/11

Left: -0.148+/-0.722 χ^2/NDF : 241.0/24

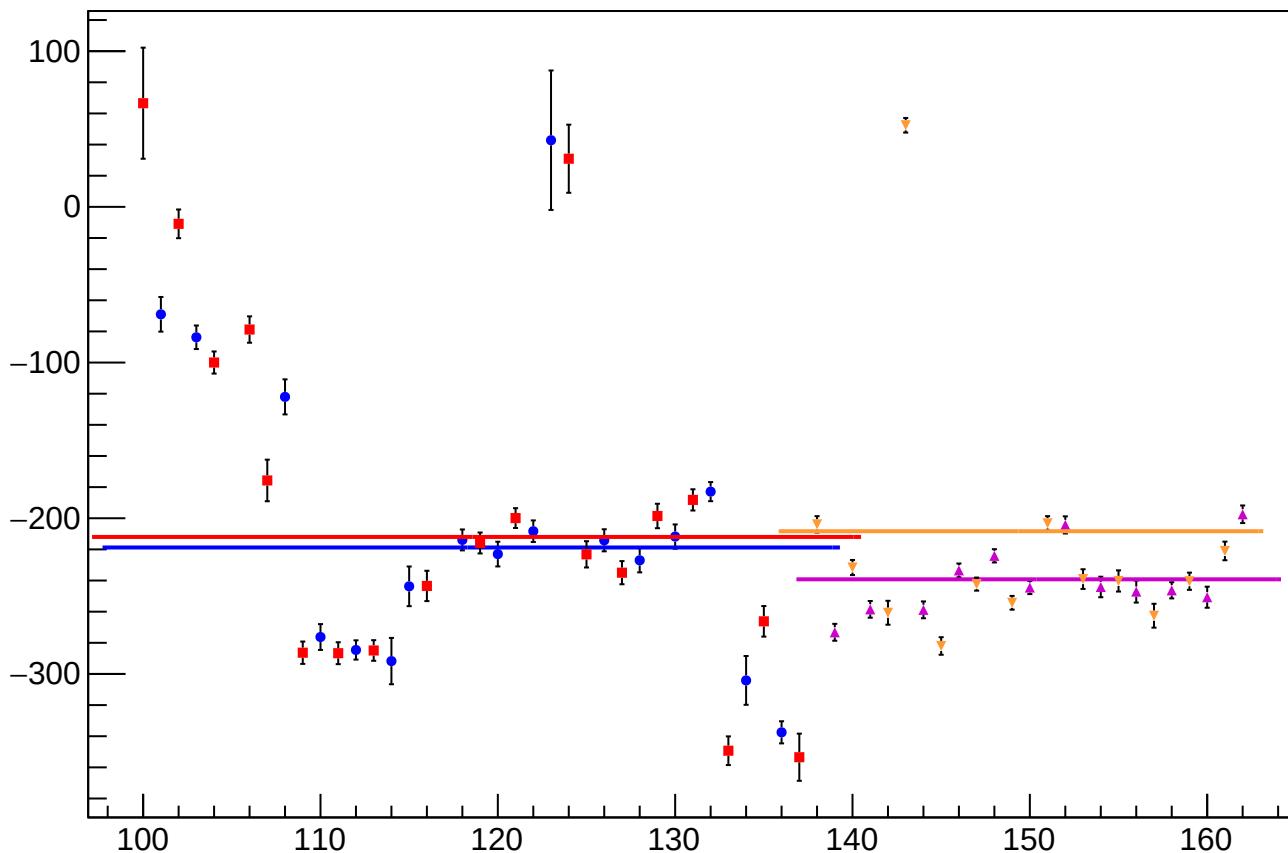
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.723+/-0.746 χ^2/NDF :537.4/28

Out: 4.842+/-0.721 χ^2/NDF :467.6/31

All: 5.268+/-0.518 χ^2/NDF : 1005.8/60

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -208.320 ± 1.488 $\chi^2/\text{NDF}: 3642.9/12$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -239.218 ± 1.522 $\chi^2/\text{NDF}: 182.5/11$

Left: -223.422 ± 1.064 $\chi^2/\text{NDF}: 4036.0/24$

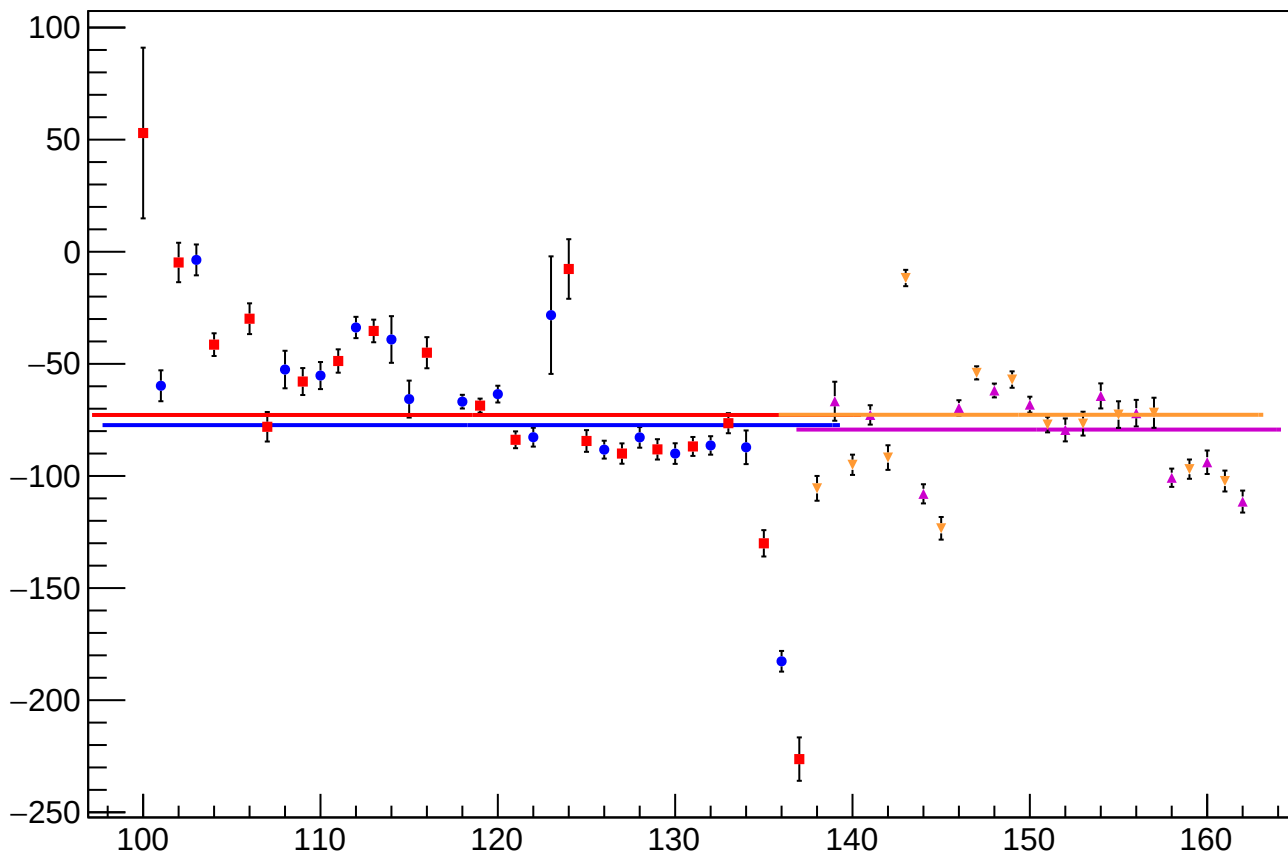
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.766 ± 1.214 $\chi^2/\text{NDF}: 1392.7/28$

Out: -209.700 ± 1.177 $\chi^2/\text{NDF}: 5530.8/31$

All: -220.397 ± 0.845 $\chi^2/\text{NDF}: 7093.9/60$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -72.714 ± 1.205 χ^2/NDF : 585.6/12

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -79.311 ± 1.263 χ^2/NDF : 186.1/11

Left: -75.860 ± 0.872 χ^2/NDF : 786.0/24

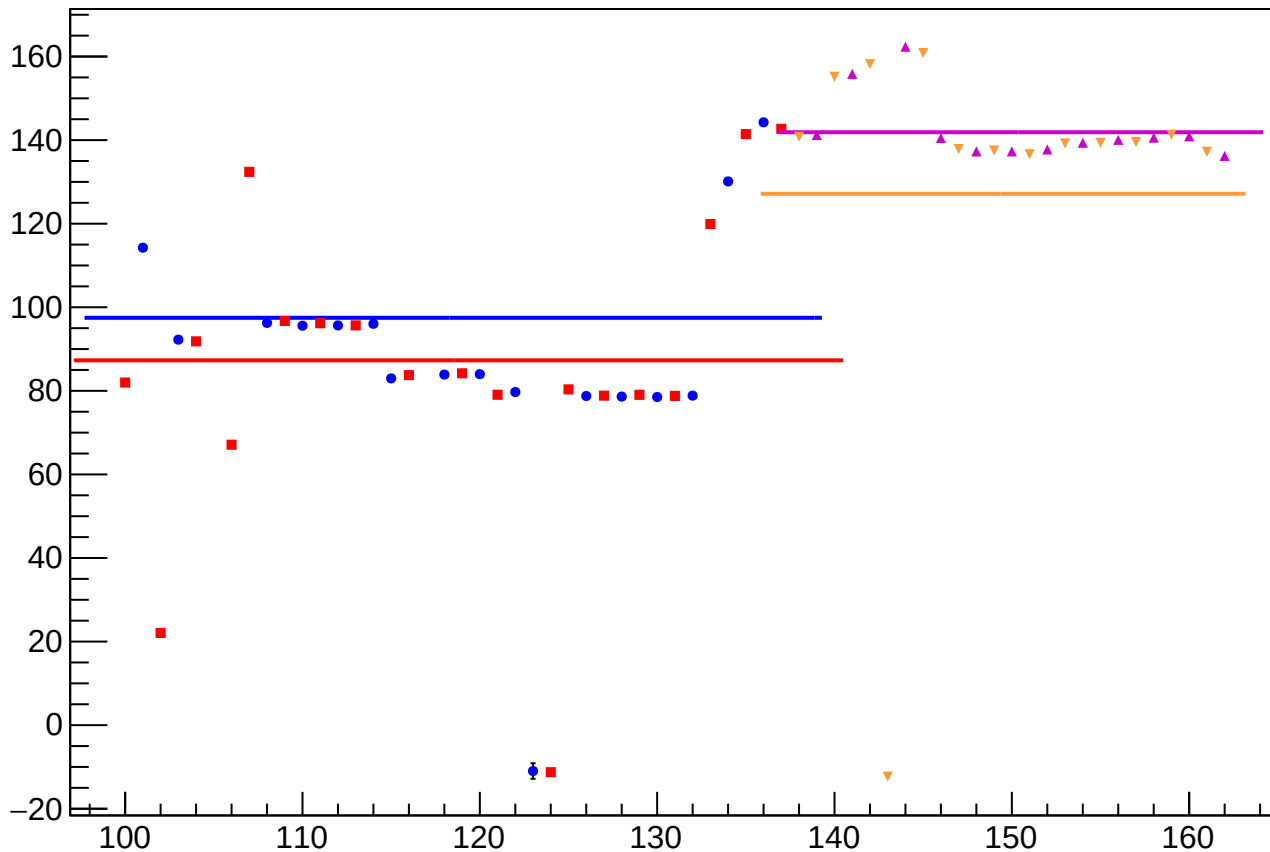
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.282 ± 0.878 χ^2/NDF : 1005.1/28

Out: -72.755 ± 0.853 χ^2/NDF : 1257.3/31

All: -75.438 ± 0.612 χ^2/NDF : 2282.8/60

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 127.152+/-0.060 χ^2/NDF : 626903.9/12

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 141.882+/-0.060 χ^2/NDF : 14232.4/11

Left: 134.444+/-0.042 χ^2/NDF : 671193.2/24

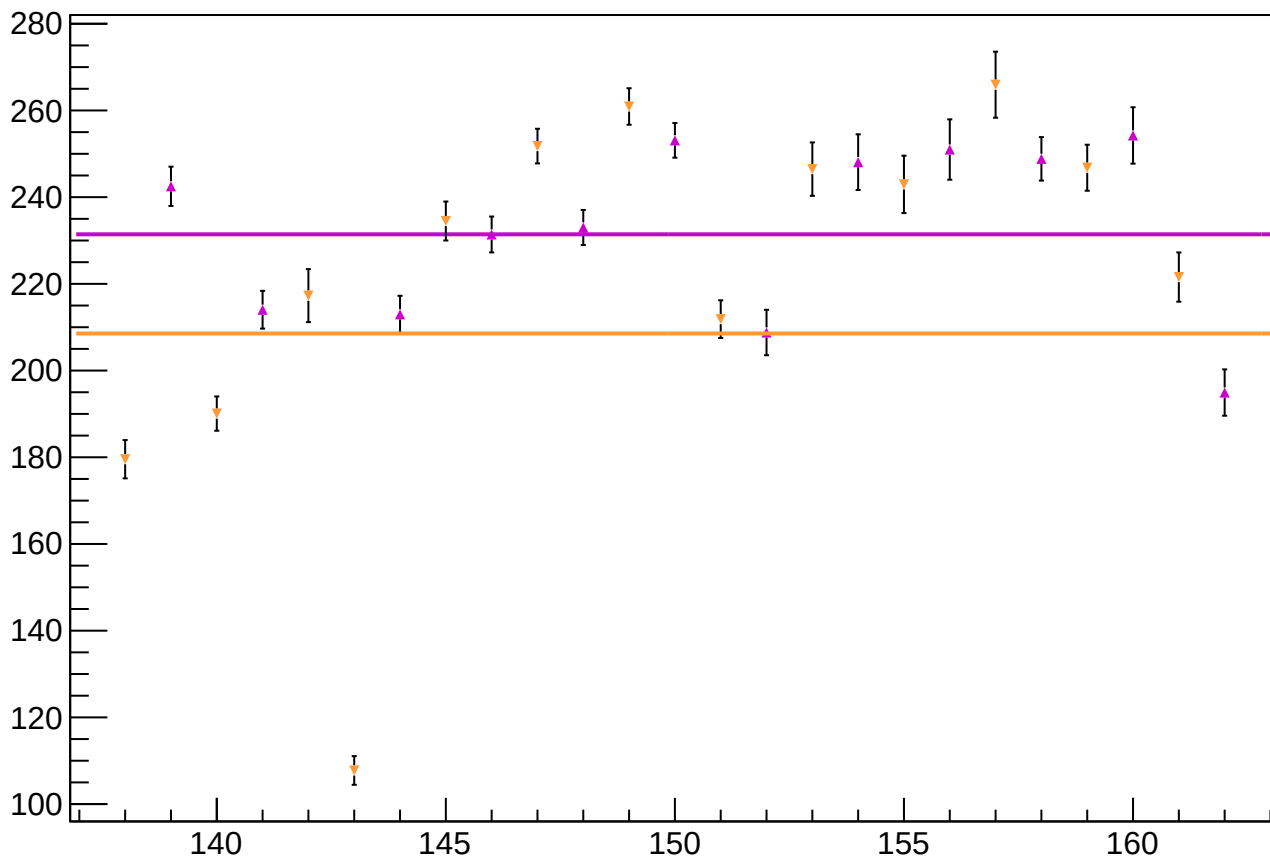
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 123.955+/-0.047 χ^2/NDF : 326986.6/28

Out: 109.843+/-0.045 χ^2/NDF : 1041836.2/31

All: 116.644+/-0.032 χ^2/NDF : 1416299.1/60

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: 208.550+/-1.304 χ^2/NDF :1481.0/12

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: 219.268+/-0.951 χ^2/NDF : 1799.5/24

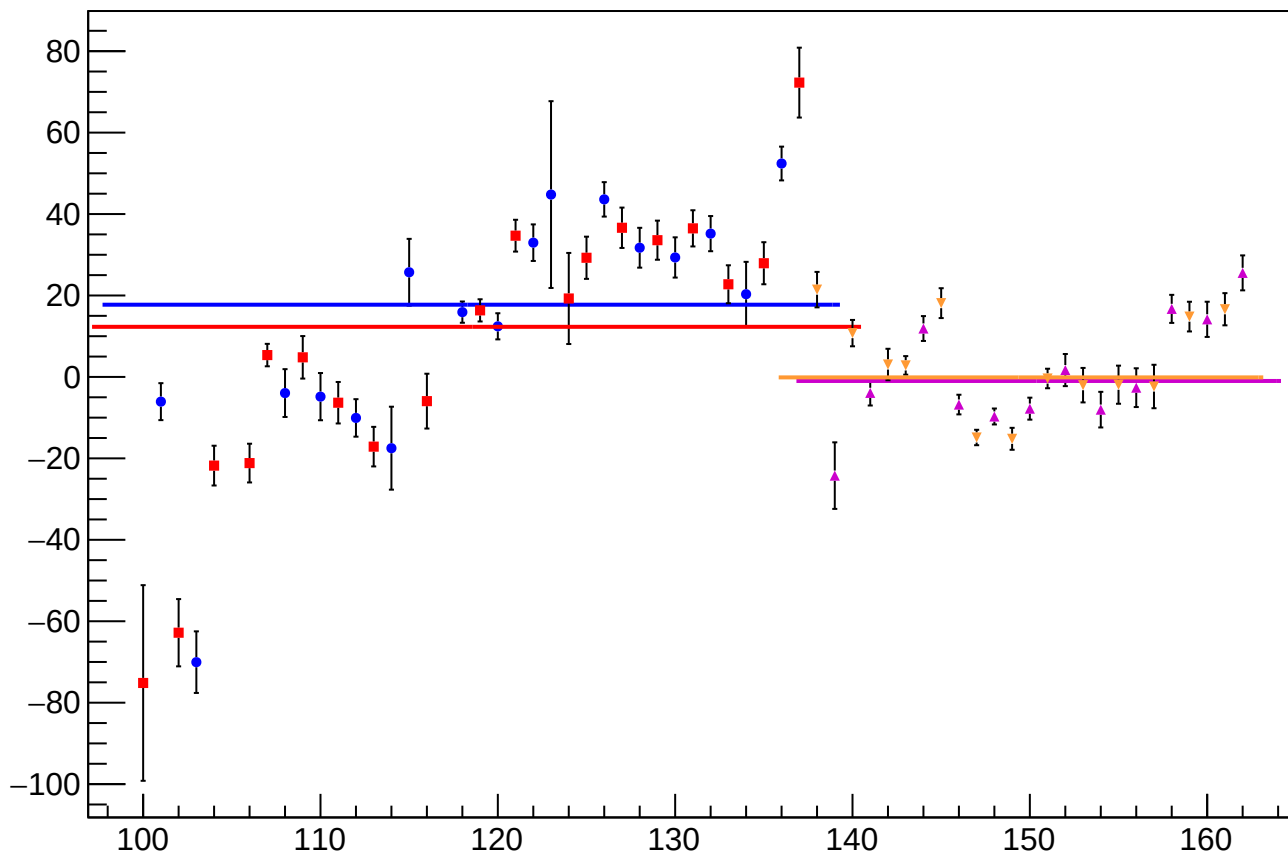
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.430+/-1.389 χ^2/NDF :174.3/11

Out: 208.550+/-1.304 χ^2/NDF :1481.0/12

All: 219.268+/-0.951 χ^2/NDF : 1799.5/24

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: -0.115 $\pm$ 0.861 χ^2 /NDF:190.2/12

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: -0.992 $\pm$ 0.933 χ^2 /NDF:138.8/11

Left: -0.519 $\pm$ 0.633 χ^2 /NDF: 329.5/24

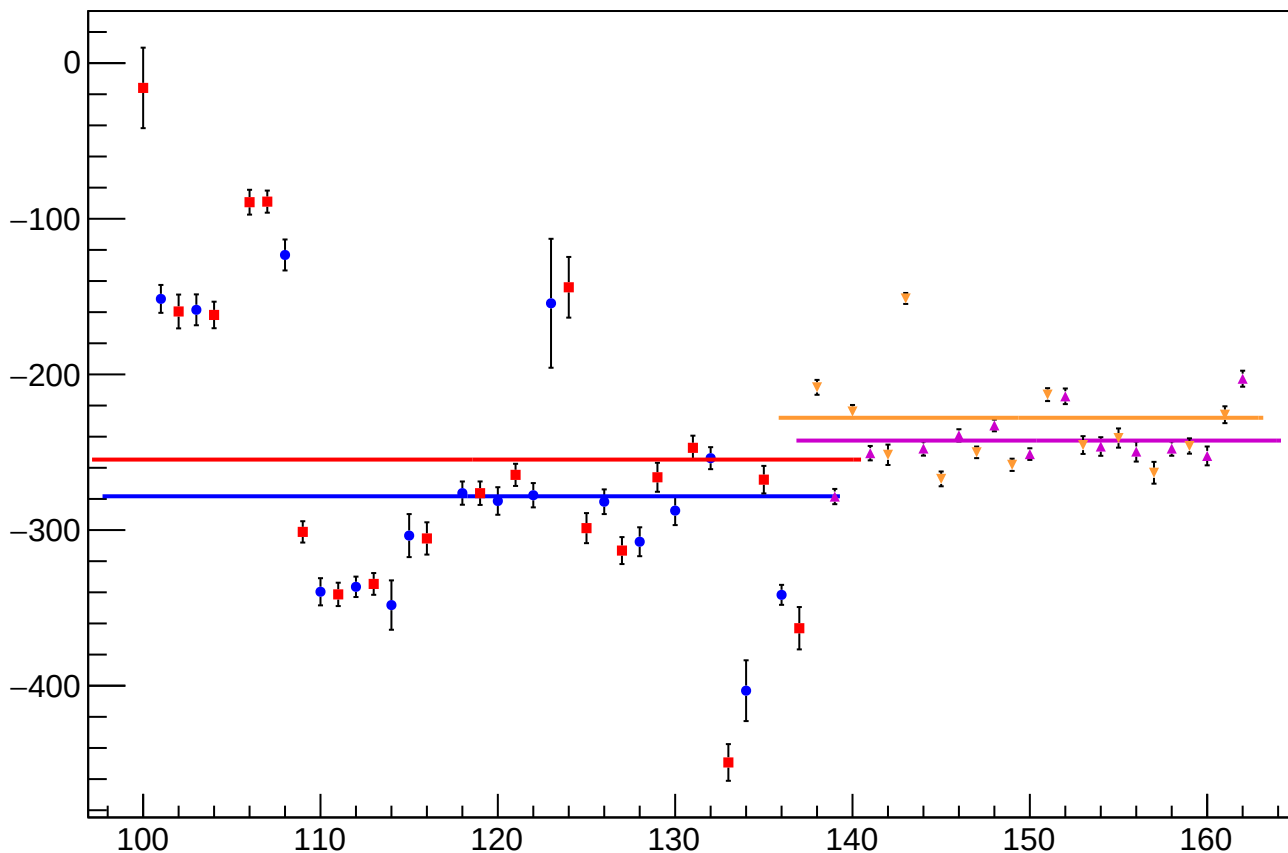
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 6.453 $\pm$ 0.724 χ^2 /NDF:693.0/28

Out: 4.690 $\pm$ 0.674 χ^2 /NDF:713.1/31

All: 5.509 $\pm$ 0.493 χ^2 /NDF: 1409.3/60

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -227.861 ± 1.296 χ^2/NDF : 731.8/12

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -242.502 ± 1.355 χ^2/NDF : 168.2/11

Left: -234.857 ± 0.937 χ^2/NDF : 961.0/24

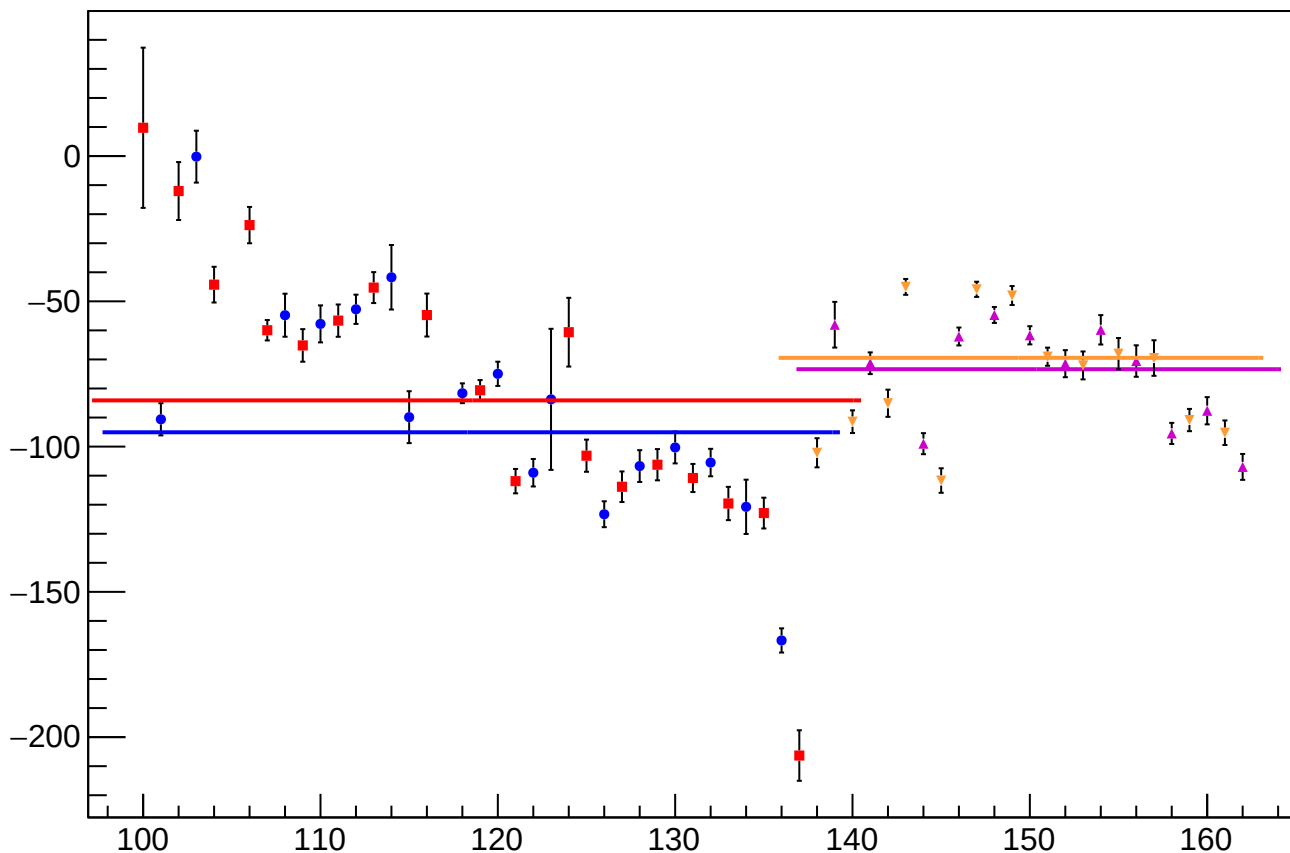
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -252.528 ± 1.150 χ^2/NDF : 1273.6/28

Out: -235.700 ± 1.091 χ^2/NDF : 2895.1/31

All: -243.672 ± 0.791 χ^2/NDF : 4281.5/60

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -69.448 ± 1.046 χ^2/NDF : 459.2/12

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -73.368 ± 1.122 χ^2/NDF : 238.6/11

Left: -71.272 ± 0.765 χ^2/NDF : 704.4/24

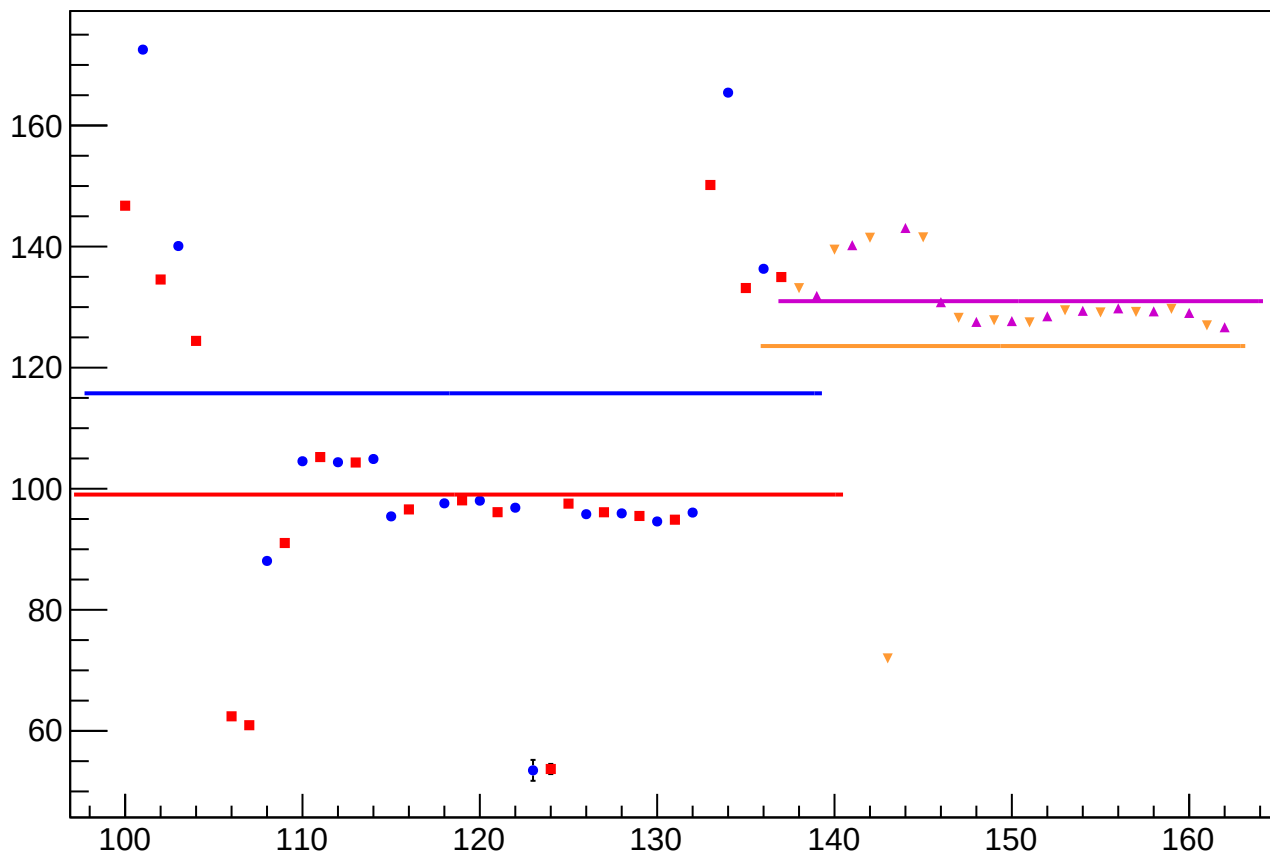
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.425 ± 0.856 χ^2/NDF : 1068.1/28

Out: -75.442 ± 0.804 χ^2/NDF : 1319.8/31

All: -78.715 ± 0.586 χ^2/NDF : 2423.3/60

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.570 $\pm$ 0.052 χ^2 /NDF:161487.1/12

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.981 $\pm$ 0.054 χ^2 /NDF:7865.2/11

Left: 127.156 $\pm$ 0.037 χ^2 /NDF: 179125.7/24

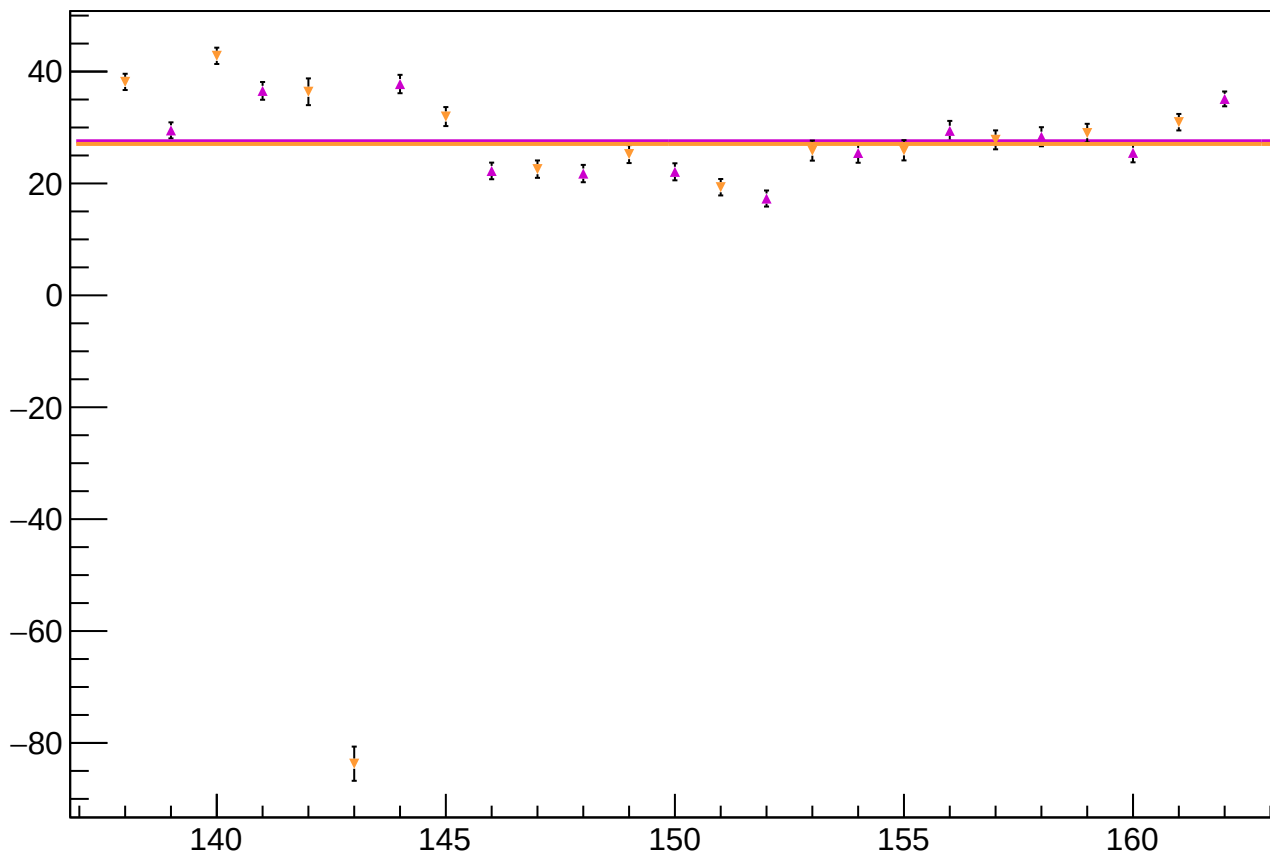
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.076 $\pm$ 0.044 χ^2 /NDF:139901.9/28

Out: 114.564 $\pm$ 0.041 χ^2 /NDF:416198.1/31

All: 119.939 $\pm$ 0.030 χ^2 /NDF: 592043.9/60

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: 27.062+/-0.465 χ^2/NDF :1559.3/12

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: 27.307+/-0.323 χ^2/NDF : 1759.8/24

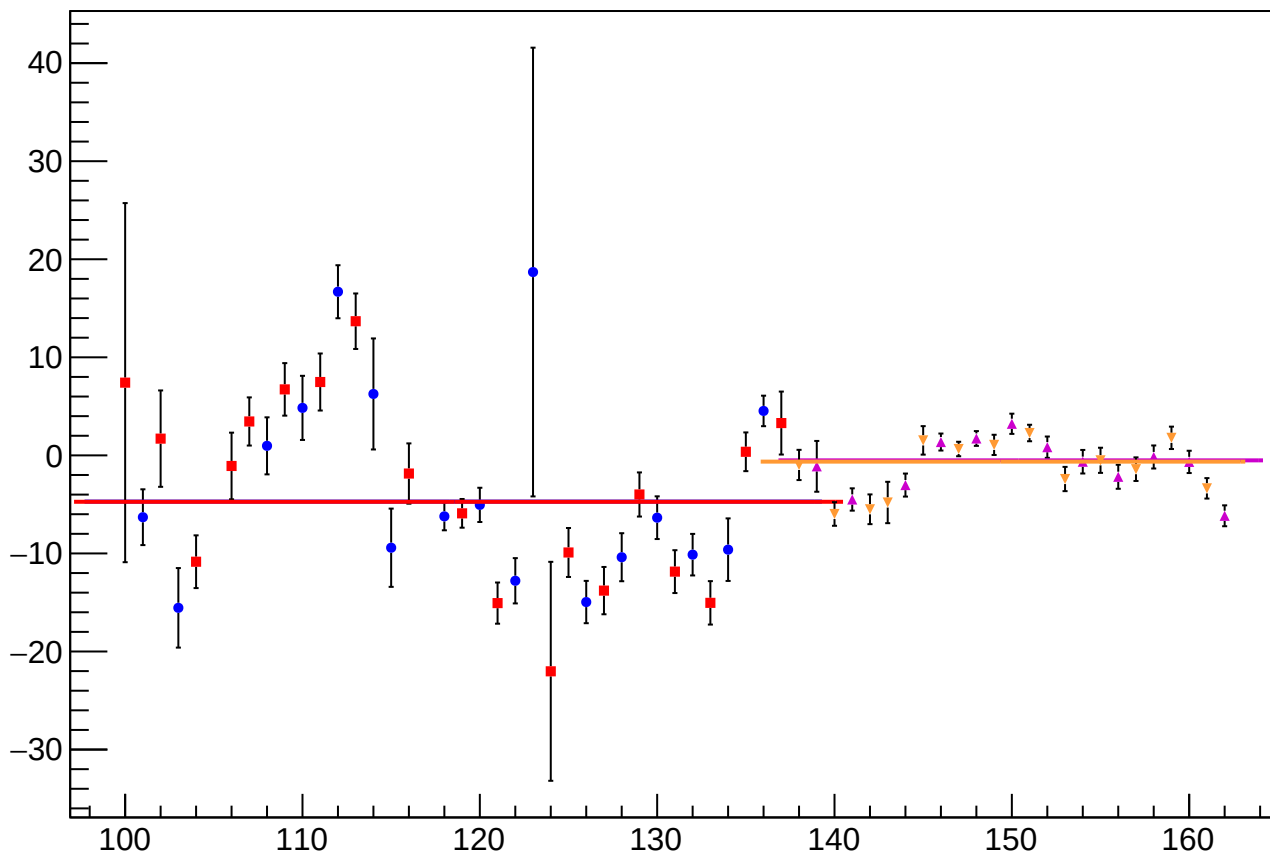
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.537+/-0.450 χ^2/NDF :200.0/11

Out: 27.062+/-0.465 χ^2/NDF :1559.3/12

All: 27.307+/-0.323 χ^2/NDF : 1759.8/24

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.637 ± 0.315 χ^2/NDF : 67.8/12

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -0.508 ± 0.312 χ^2/NDF : 75.1/11

Left: -0.572 ± 0.222 χ^2/NDF : 143.0/24

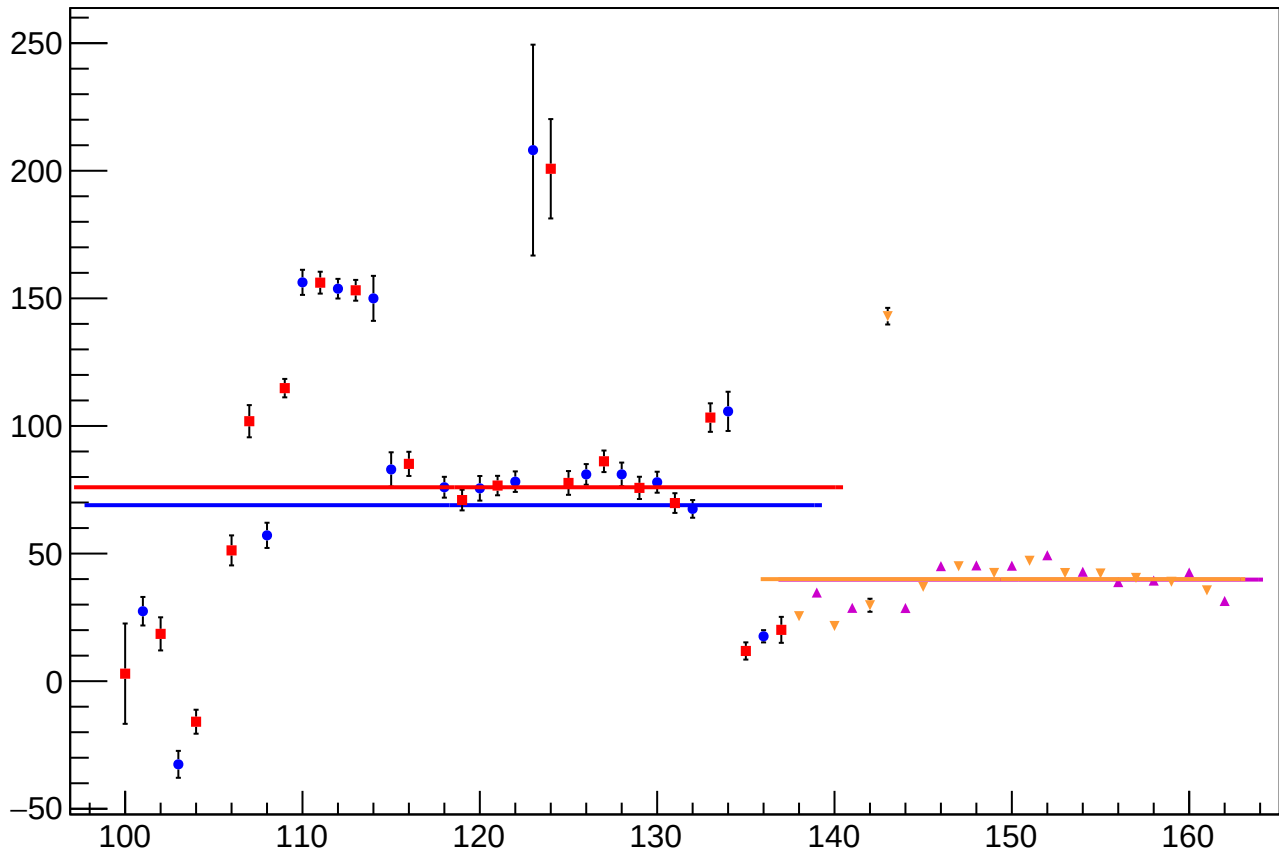
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.450 ± 0.275 χ^2/NDF : 290.5/28

Out: -1.558 ± 0.277 χ^2/NDF : 295.5/31

All: -1.503 ± 0.195 χ^2/NDF : 586.1/60

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 39.984 ± 0.454 $\chi^2/\text{NDF}: 1297.8/12$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 39.800 ± 0.437 $\chi^2/\text{NDF}: 235.1/11$

Left: 39.889 ± 0.315 $\chi^2/\text{NDF}: 1533.0/24$

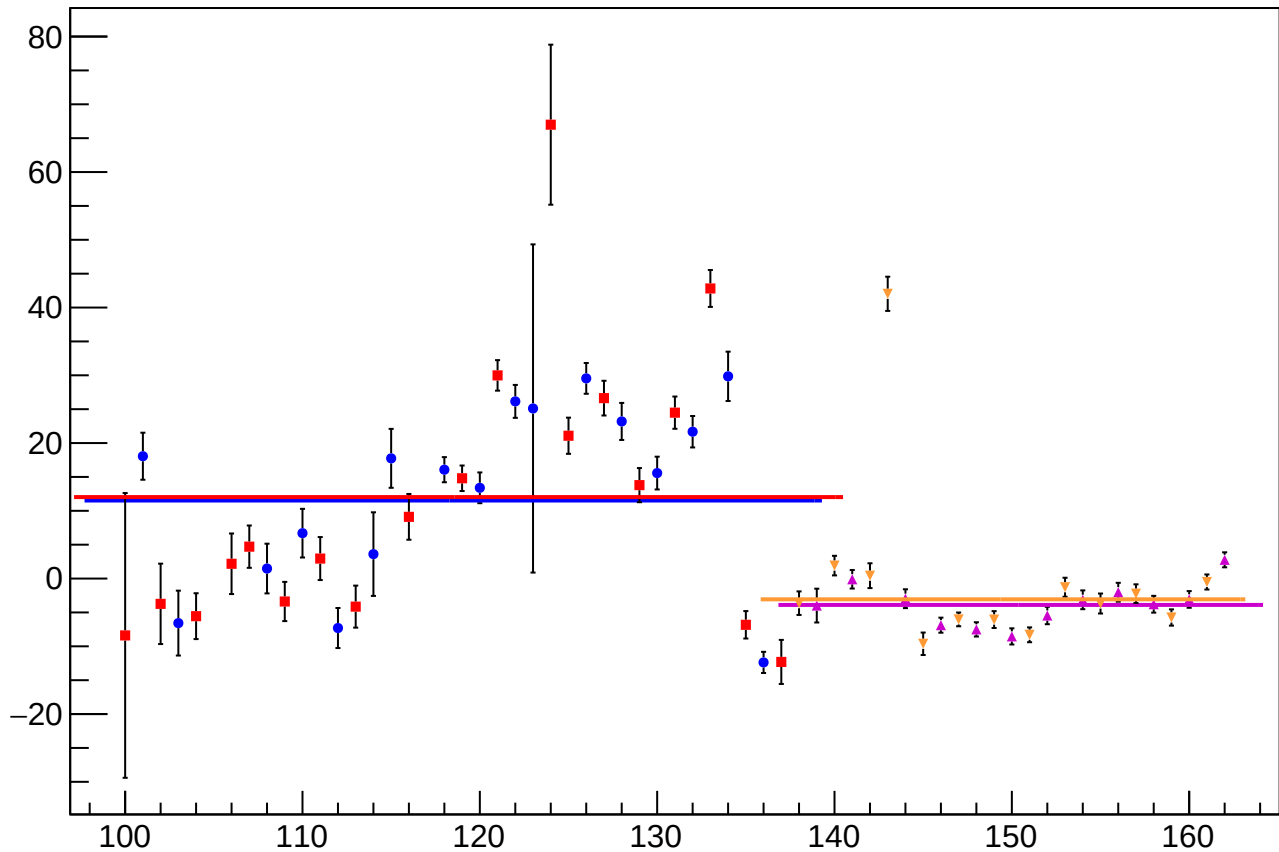
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.905 ± 0.405 $\chi^2/\text{NDF}: 2706.7/28$

Out: 45.476 ± 0.418 $\chi^2/\text{NDF}: 4152.9/31$

All: 44.666 ± 0.291 $\chi^2/\text{NDF}: 6866.9/60$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.064 ± 0.376 $\chi^2/\text{NDF}: 399.8/12$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -3.891 ± 0.368 $\chi^2/\text{NDF}: 82.4/11$

Left: -3.486 ± 0.263 $\chi^2/\text{NDF}: 484.7/24$

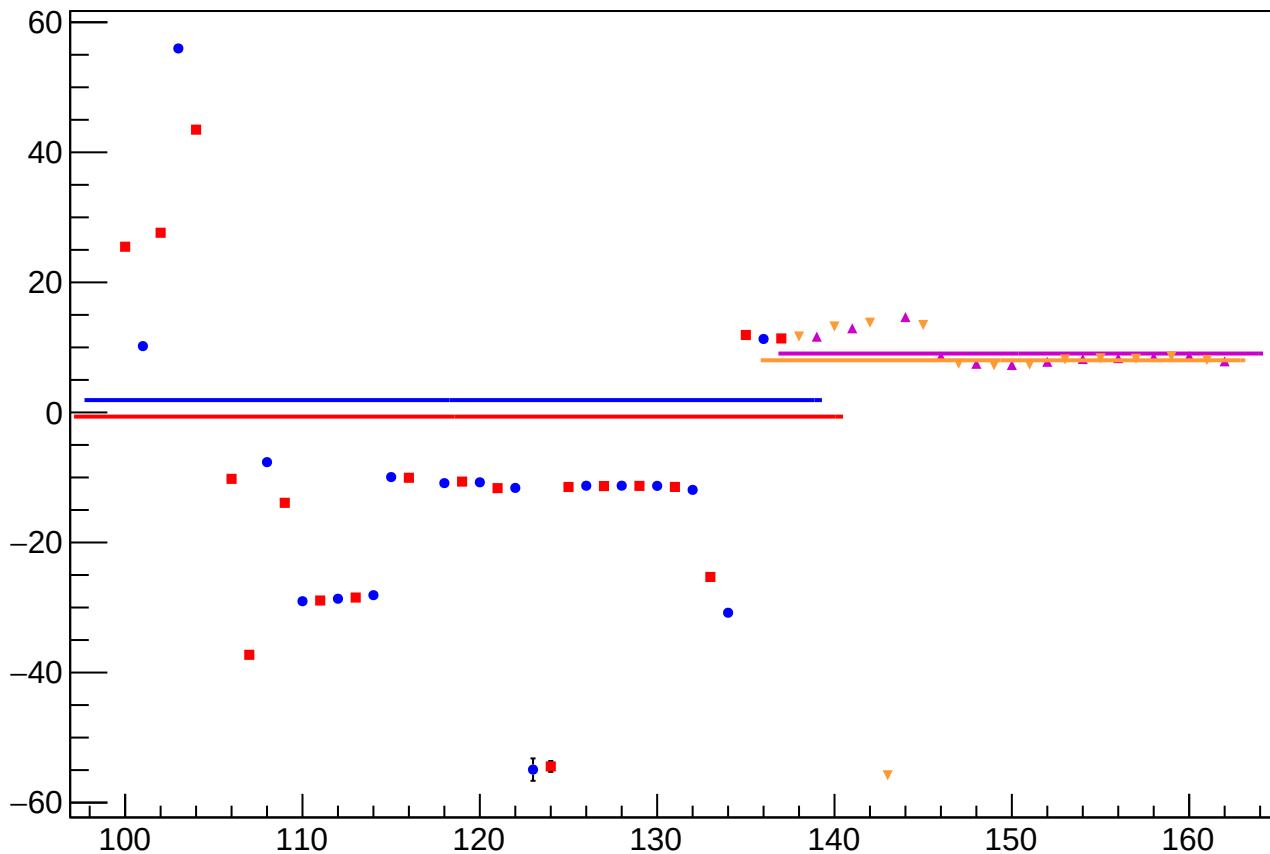
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.238 ± 0.321 $\chi^2/\text{NDF}: 975.9/28$

Out: 0.597 ± 0.327 $\chi^2/\text{NDF}: 1330.4/31$

All: 0.172 ± 0.229 $\chi^2/\text{NDF}: 2309.6/60$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.019 $\pm$ 0.018 χ^2/NDF : 256452.7/12

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.058 $\pm$ 0.017 χ^2/NDF : 13980.8/11

Left: 8.559 $\pm$ 0.012 χ^2/NDF : 272225.8/24

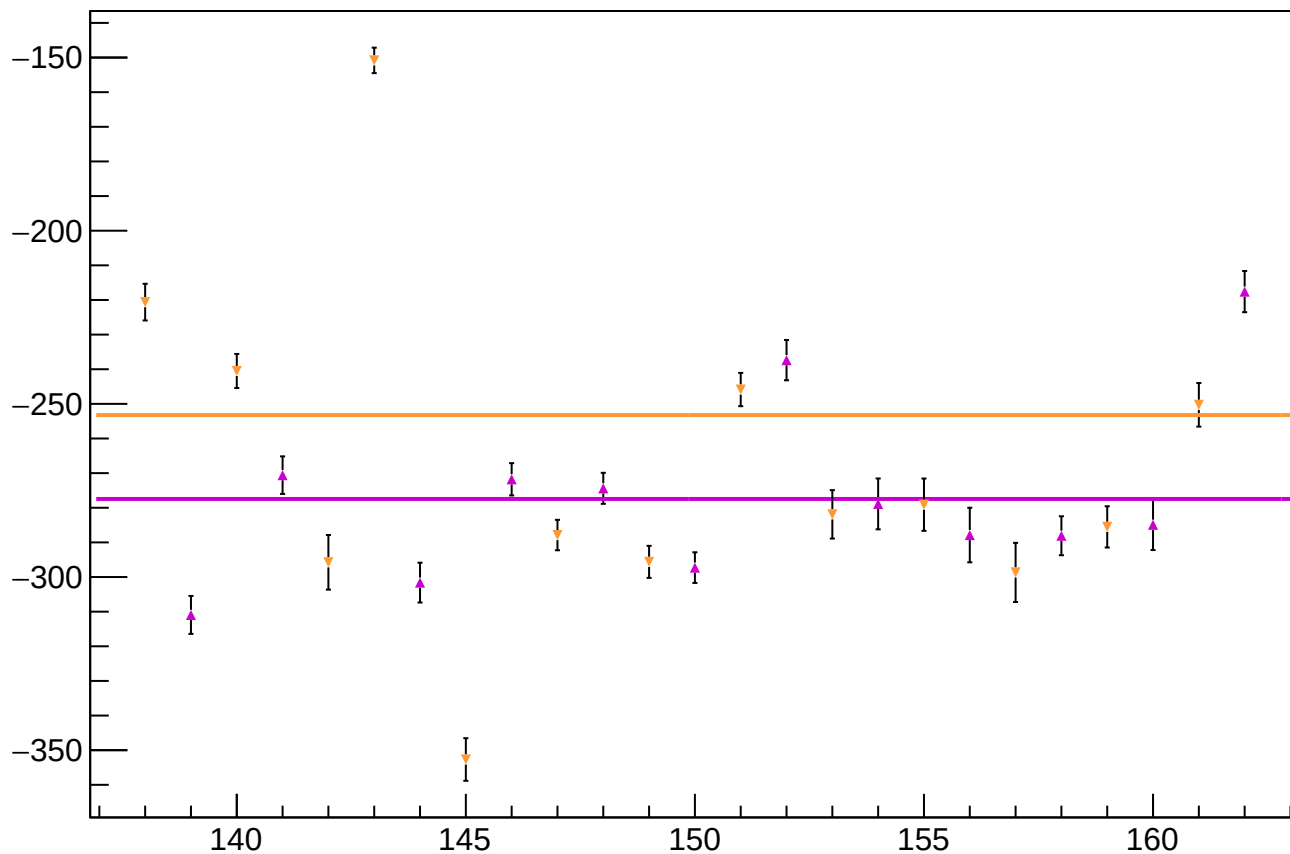
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.813 $\pm$ 0.015 χ^2/NDF : 403716.7/28

Out: 6.412 $\pm$ 0.016 χ^2/NDF : 662608.3/31

All: 7.135 $\pm$ 0.011 χ^2/NDF : 1070302.8/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -253.227 ± 1.507 $\chi^2/\text{NDF}: 1345.8/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -277.458 ± 1.607 $\chi^2/\text{NDF}: 233.9/11$

Left: -264.565 ± 1.099 $\chi^2/\text{NDF}: 1700.6/24$

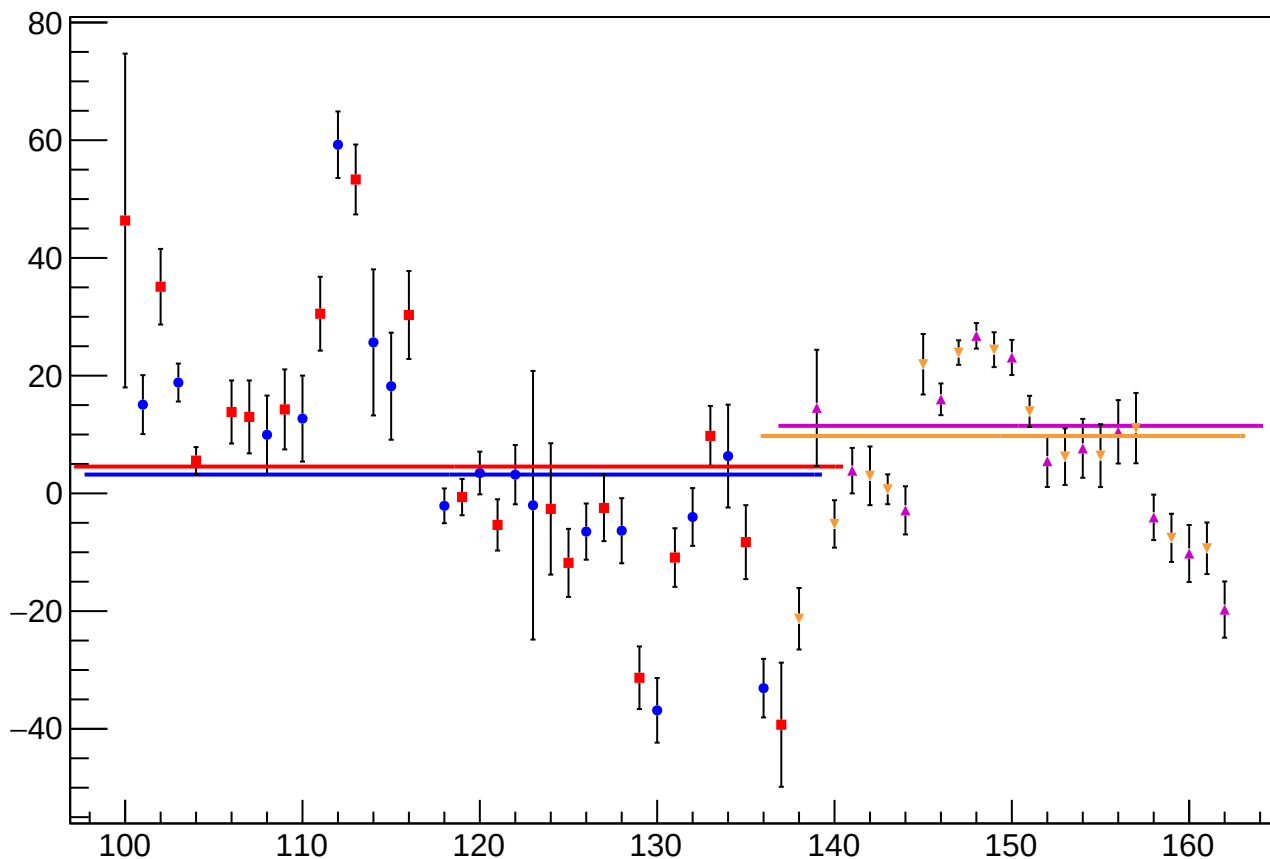
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -277.458 ± 1.607 $\chi^2/\text{NDF}: 233.9/11$

Out: -253.227 ± 1.507 $\chi^2/\text{NDF}: 1345.8/12$

All: -264.565 ± 1.099 $\chi^2/\text{NDF}: 1700.6/24$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 9.749 ± 0.981 $\chi^2/\text{NDF}: 180.5/12$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 11.478 ± 1.066 $\chi^2/\text{NDF}: 165.3/11$

Left: 10.542 ± 0.722 $\chi^2/\text{NDF}: 347.3/24$

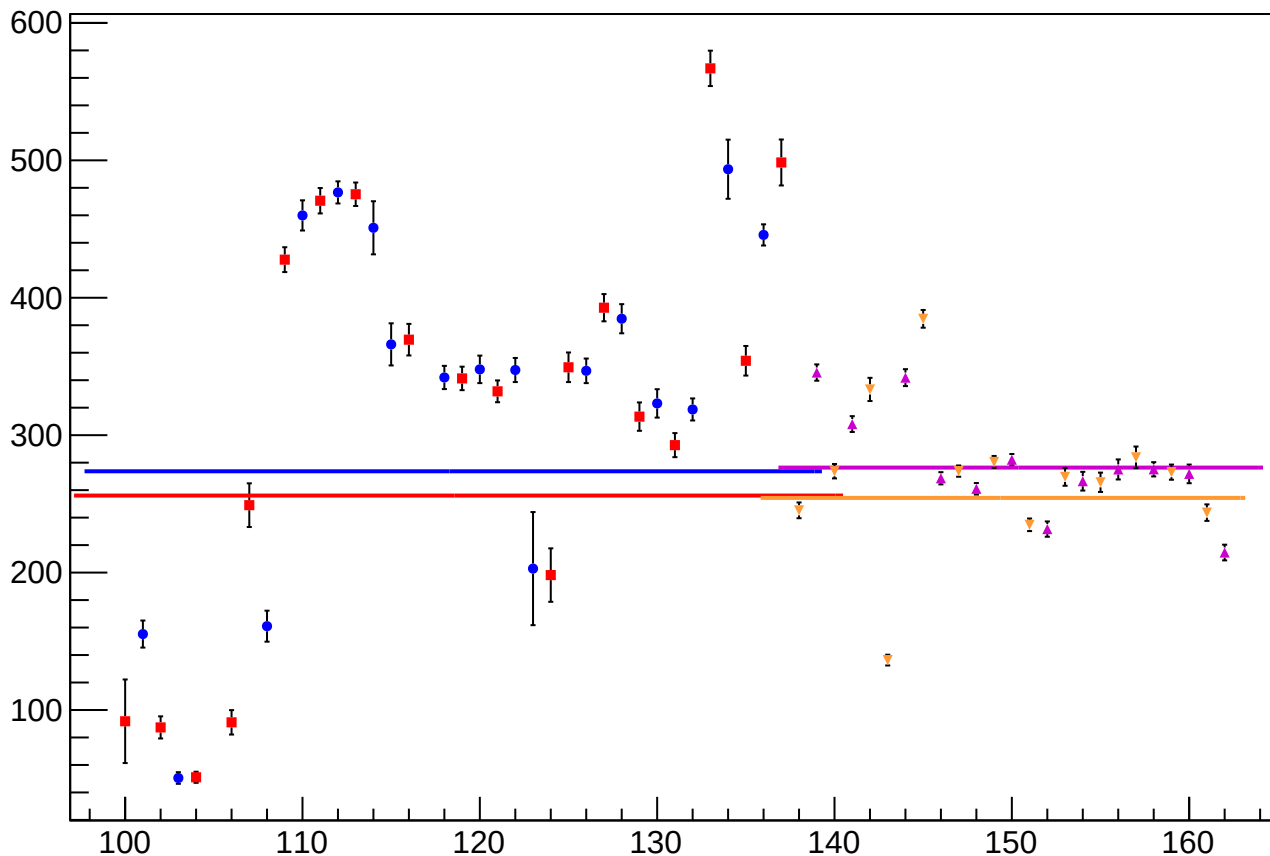
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 7.917 ± 0.805 $\chi^2/\text{NDF}: 446.4/28$

Out: 7.579 ± 0.749 $\chi^2/\text{NDF}: 416.1/31$

All: 7.736 ± 0.548 $\chi^2/\text{NDF}: 862.7/60$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 254.354 $\pm$ 1.489 χ^2 /NDF:1531.9/12

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 276.403 $\pm$ 1.558 χ^2 /NDF:481.5/11

Left: 264.881 $\pm$ 1.076 χ^2 /NDF: 2118.1/24

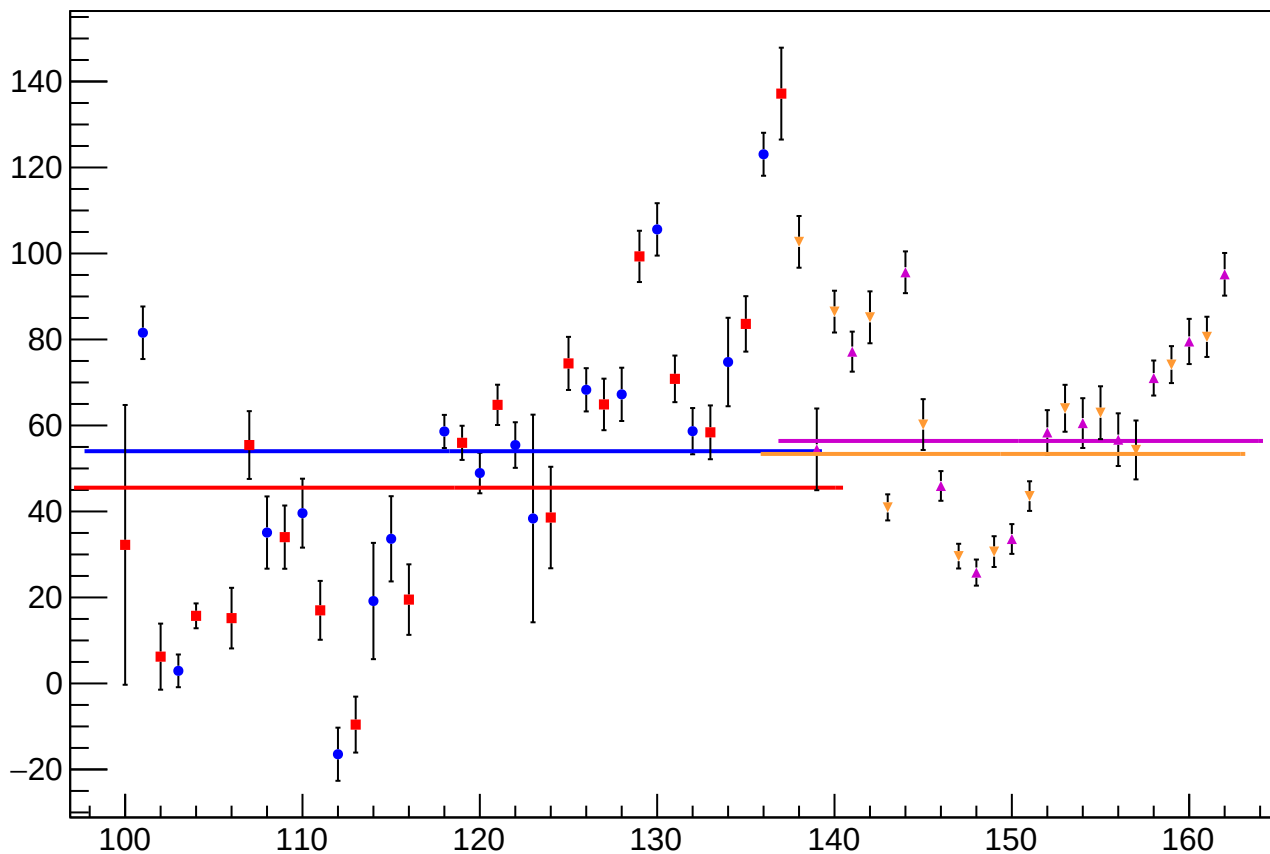
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 275.503 $\pm$ 1.270 χ^2 /NDF:5585.8/28

Out: 254.931 $\pm$ 1.210 χ^2 /NDF:7973.4/31

All: 264.721 $\pm$ 0.876 χ^2 /NDF: 13696.7/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 53.380 $\pm$ 1.196 χ^2 /NDF:339.8/12

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 56.398 $\pm$ 1.284 χ^2 /NDF:333.3/11

Left: 54.781 $\pm$ 0.875 χ^2 /NDF: 676.1/24

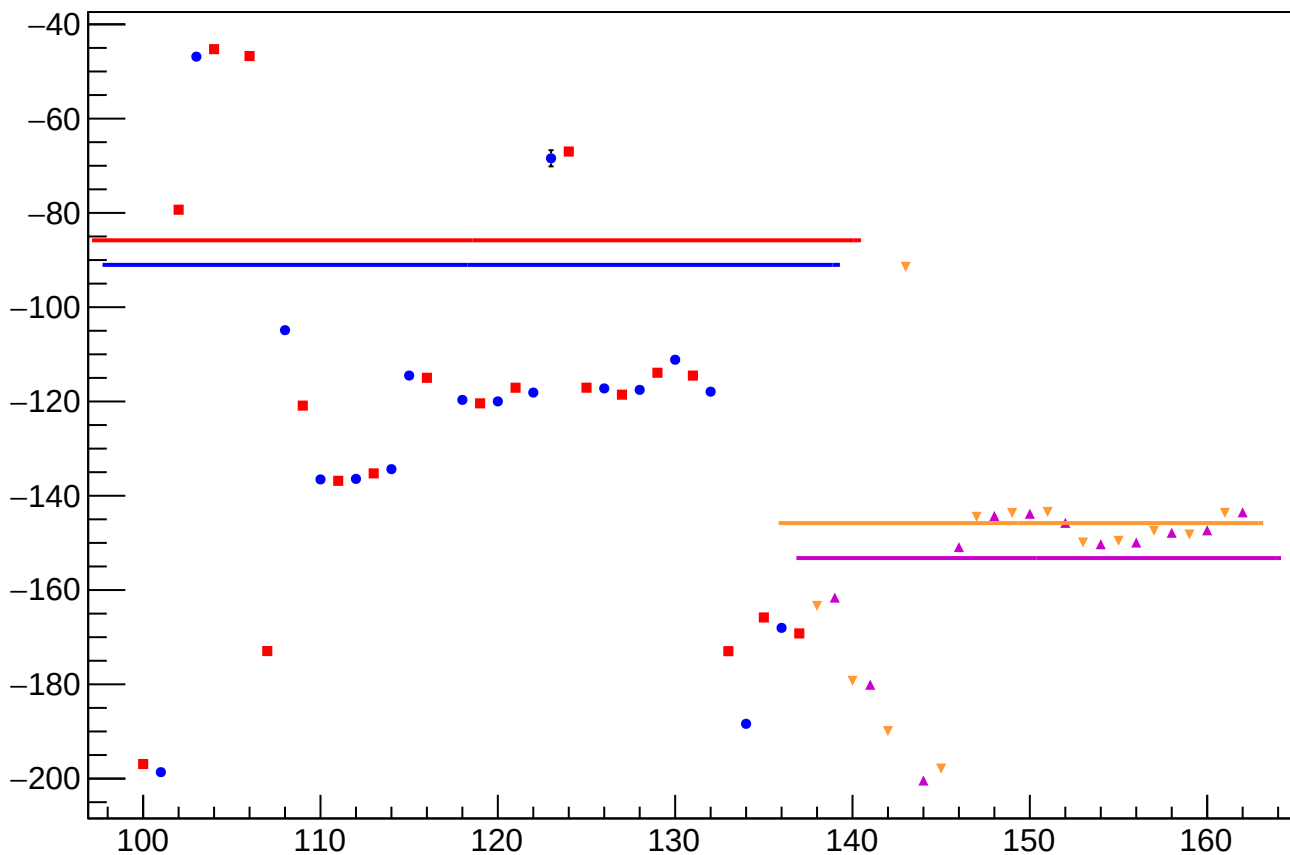
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 55.329 $\pm$ 0.954 χ^2 /NDF:967.7/28

Out: 49.949 $\pm$ 0.897 χ^2 /NDF:885.5/31

All: 52.475 $\pm$ 0.653 χ^2 /NDF: 1870.1/60

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.794 ± 0.060 $\chi^2/\text{NDF}: 205559.4/12$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -153.216 ± 0.062 $\chi^2/\text{NDF}: 55647.3/11$

Left: -149.388 ± 0.043 $\chi^2/\text{NDF}: 268623.9/24$

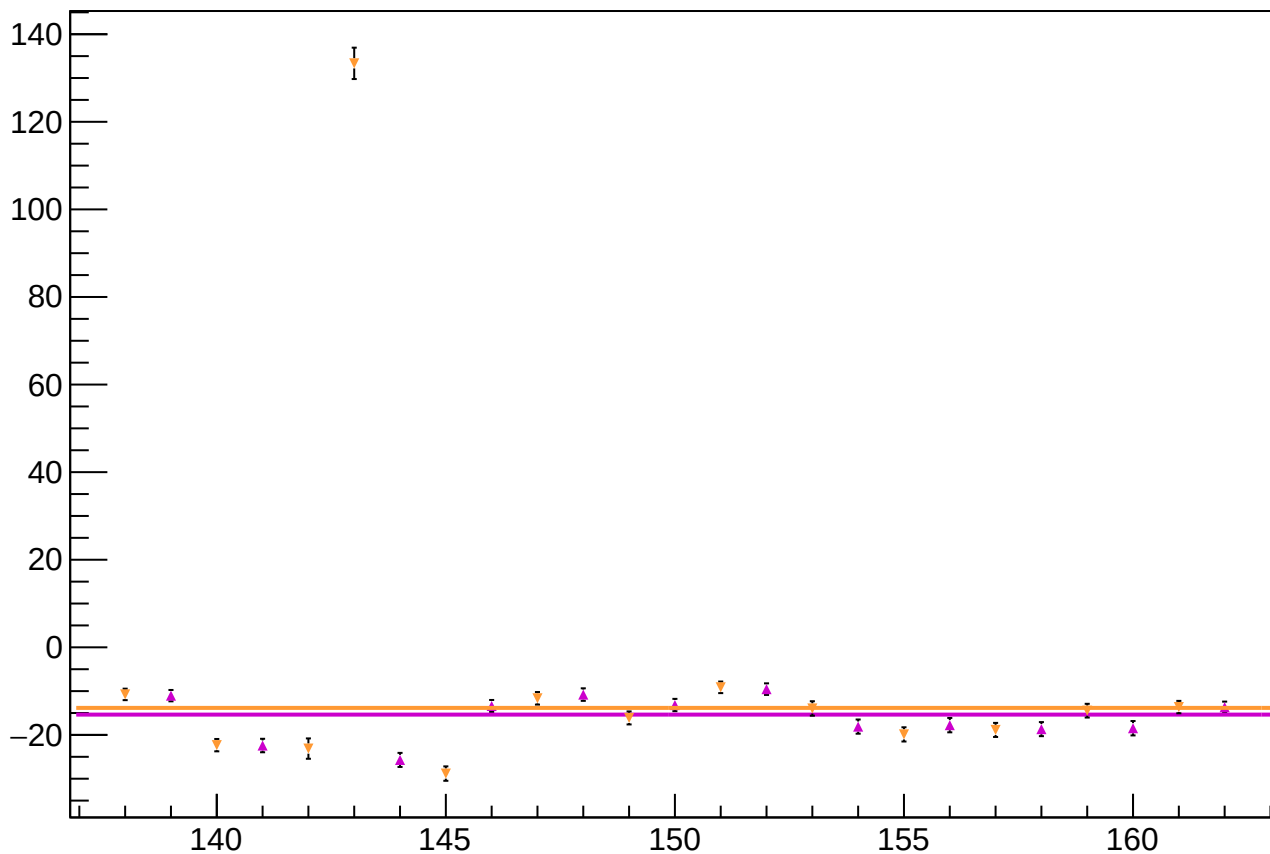
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -124.848 ± 0.046 $\chi^2/\text{NDF}: 1050542.9/28$

Out: -118.219 ± 0.044 $\chi^2/\text{NDF}: 1161245.8/31$

All: -121.419 ± 0.032 $\chi^2/\text{NDF}: 2222703.4/60$

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: -13.830+/-0.436 χ^2/NDF :1870.8/12

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: -14.623+/-0.303 χ^2/NDF : 1999.5/24

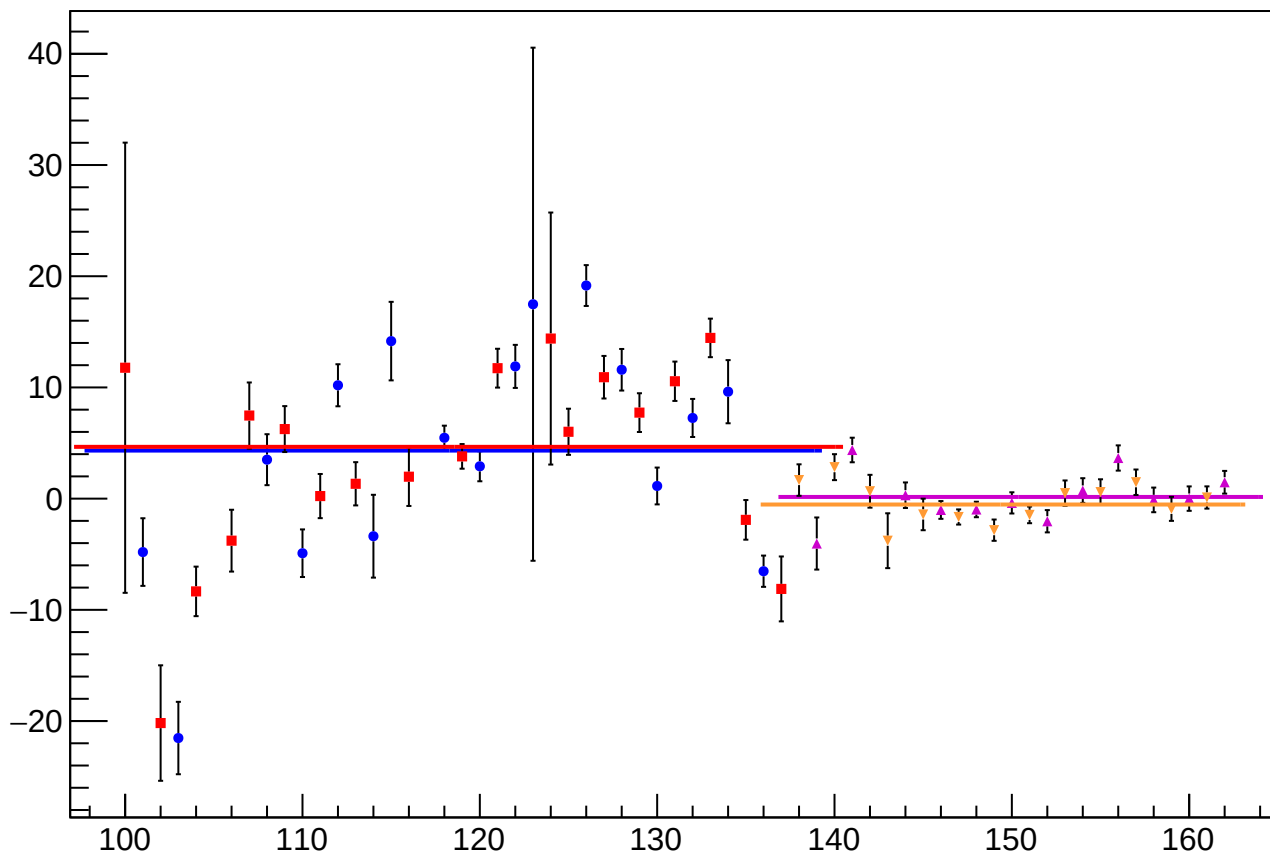
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.364+/-0.421 χ^2/NDF :122.3/11

Out: -13.830+/-0.436 χ^2/NDF :1870.8/12

All: -14.623+/-0.303 χ^2/NDF : 1999.5/24

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.529 ± 0.295 $\chi^2/\text{NDF}: 28.9/12$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.152 ± 0.293 $\chi^2/\text{NDF}: 39.2/11$

Left: -0.186 ± 0.208 $\chi^2/\text{NDF}: 70.8/24$

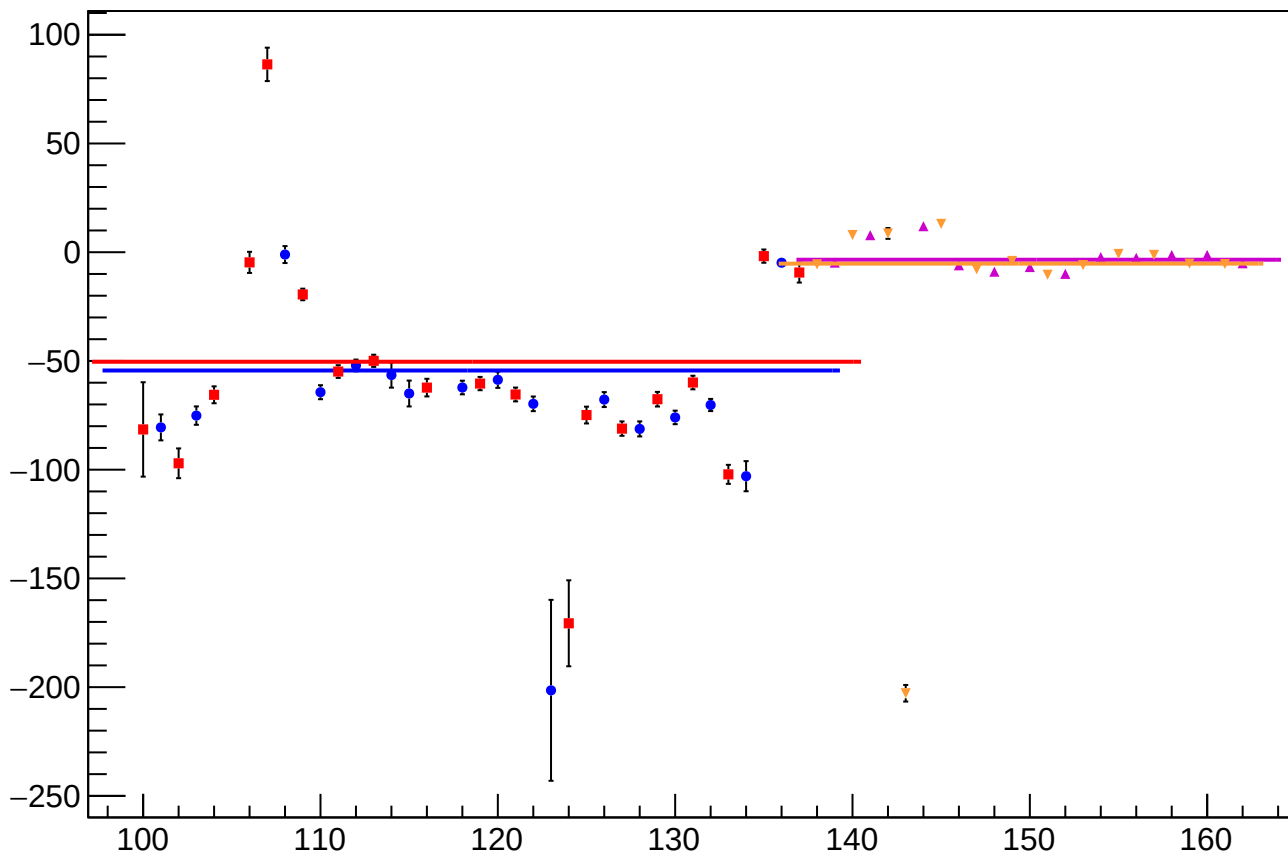
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.334 ± 0.248 $\chi^2/\text{NDF}: 377.0/28$

Out: 0.916 ± 0.250 $\chi^2/\text{NDF}: 299.9/31$

All: 1.127 ± 0.176 $\chi^2/\text{NDF}: 678.3/60$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.248 ± 0.425 $\chi^2/\text{NDF}: 2933.7/12$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.455 ± 0.409 $\chi^2/\text{NDF}: 189.1/11$

Left: -4.317 ± 0.295 $\chi^2/\text{NDF}: 3132.1/24$

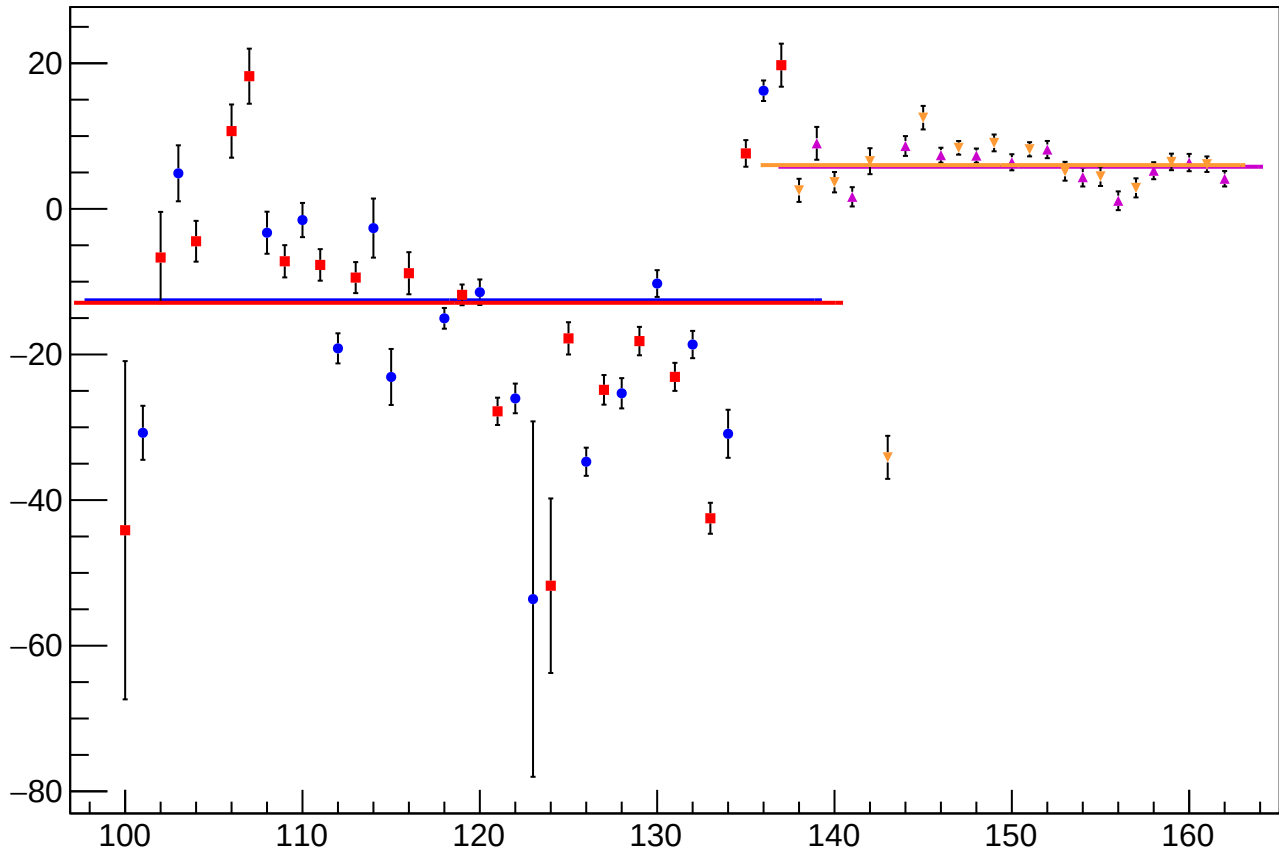
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.766 ± 0.370 $\chi^2/\text{NDF}: 4039.6/28$

Out: -14.139 ± 0.381 $\chi^2/\text{NDF}: 6477.1/31$

All: -13.432 ± 0.265 $\chi^2/\text{NDF}: 10523.4/60$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.013 ± 0.352 χ^2/NDF : 234.3/12

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.786 ± 0.345 χ^2/NDF : 42.5/11

Left: 5.897 ± 0.247 χ^2/NDF : 277.0/24

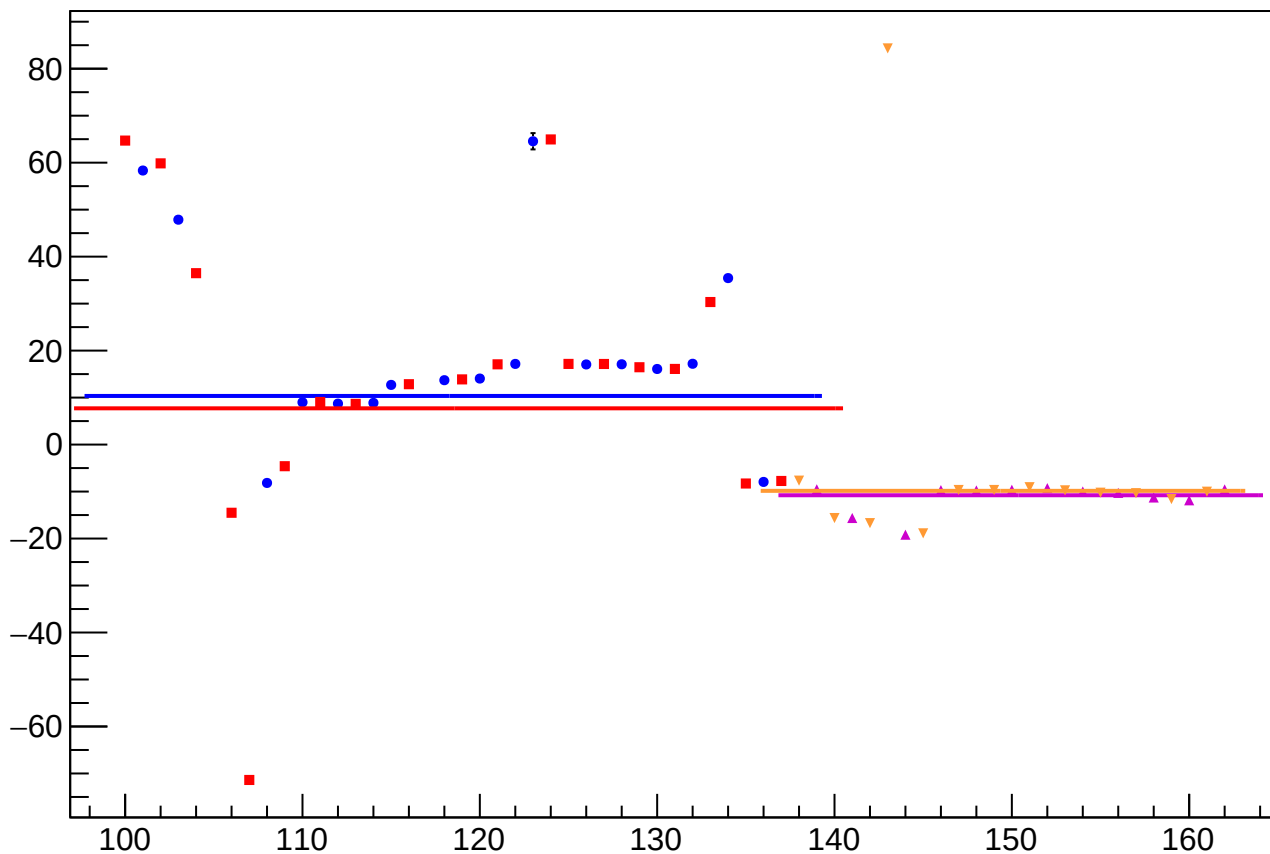
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.340 ± 0.290 χ^2/NDF : 1660.1/28

Out: 0.341 ± 0.295 χ^2/NDF : 1827.2/31

All: 0.341 ± 0.207 χ^2/NDF : 3487.3/60

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.846+/-0.017 χ^2/NDF : 408953.3/12

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.786+/-0.016 χ^2/NDF : 21945.4/11

Left: -10.335+/-0.011 χ^2/NDF : 432573.5/24

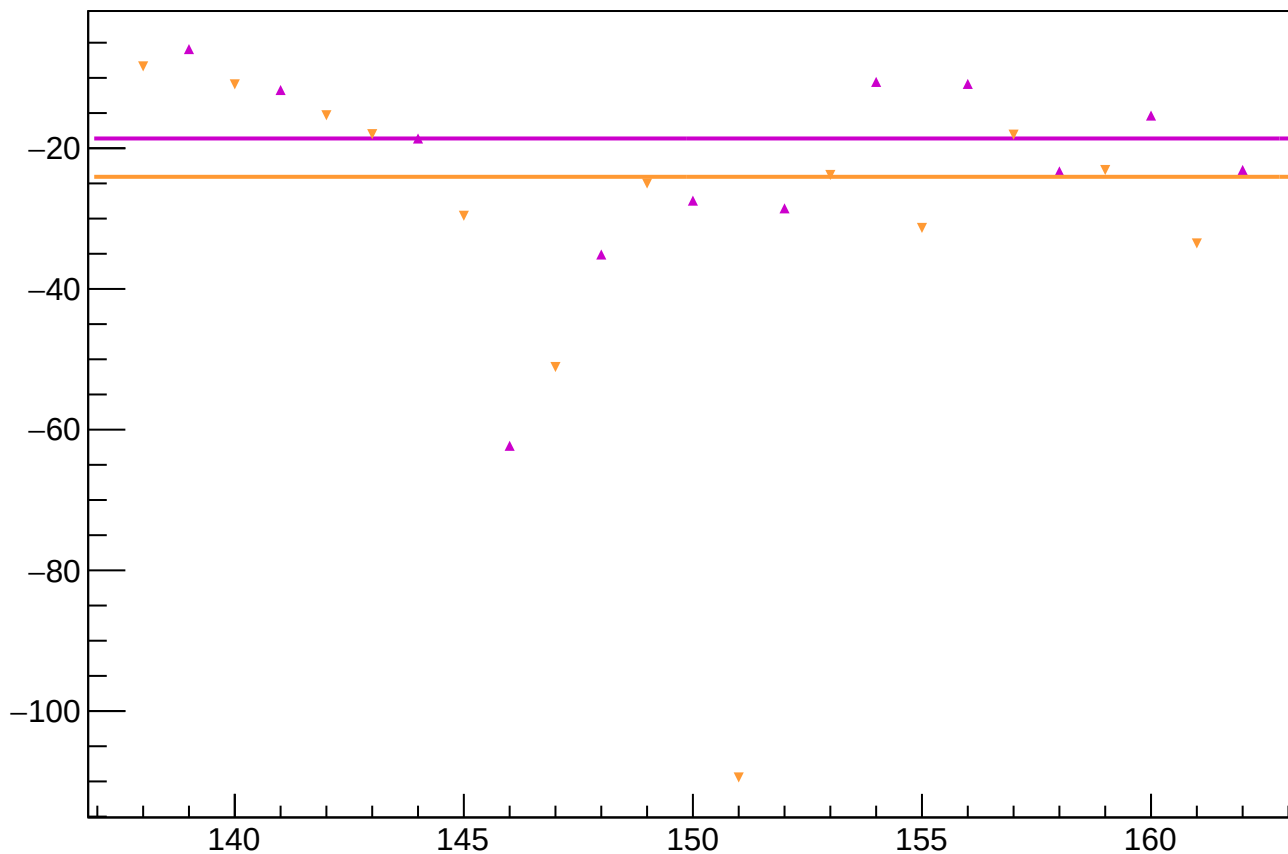
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.288+/-0.014 χ^2/NDF : 778869.8/28

Out: -6.000+/-0.015 χ^2/NDF : 1200408.1/31

All: -6.149+/-0.010 χ^2/NDF : 1979479.4/60

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: -24.061+/-0.072 χ^2/NDF : 52142.7/12

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: -20.846+/-0.046 χ^2/NDF : 92993.8/24

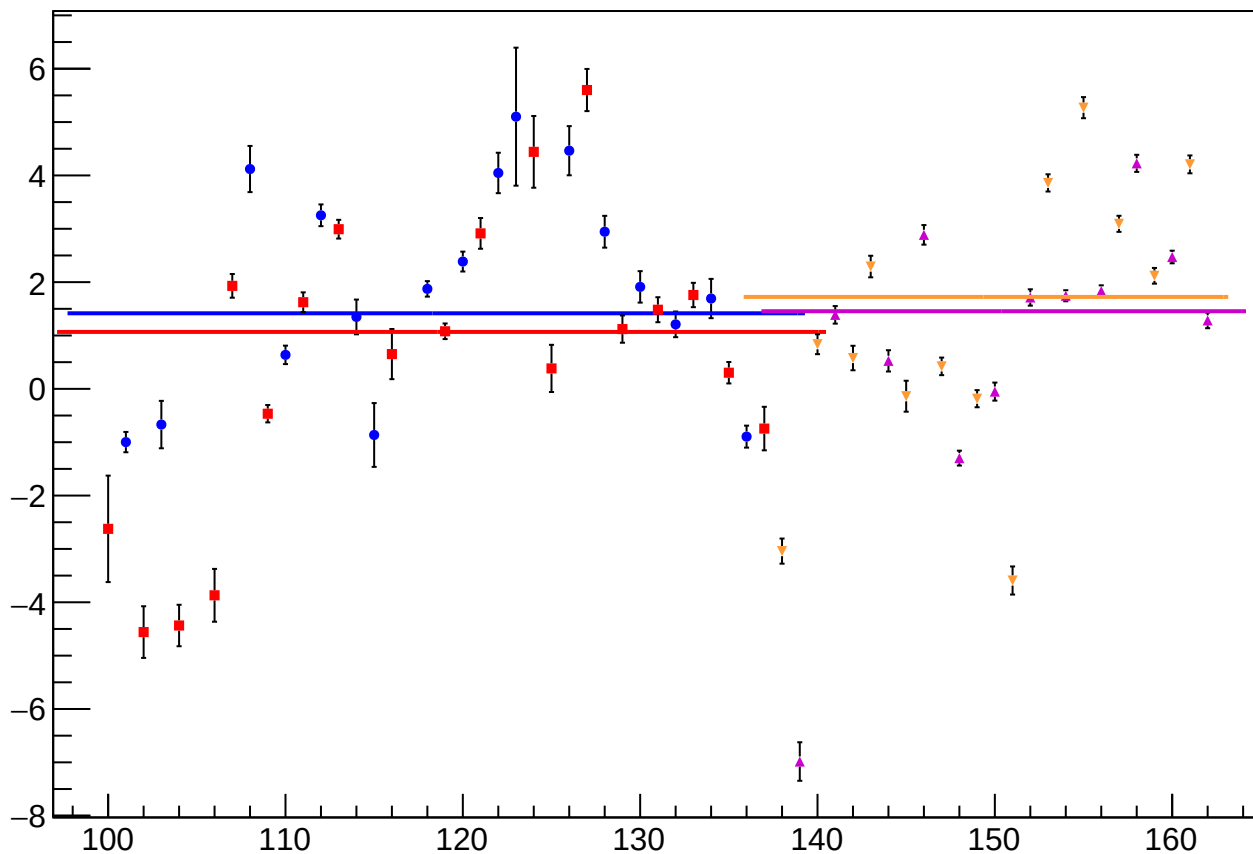
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.613+/-0.060 χ^2/NDF : 37464.7/11

Out: -24.061+/-0.072 χ^2/NDF : 52142.7/12

All: -20.846+/-0.046 χ^2/NDF : 92993.8/24

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 1.723 $\pm$ 0.051 χ^2/NDF :1924.9/12

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 1.455 $\pm$ 0.042 χ^2/NDF :1493.2/11

Left: 1.563 $\pm$ 0.033 χ^2/NDF : 3434.5/24

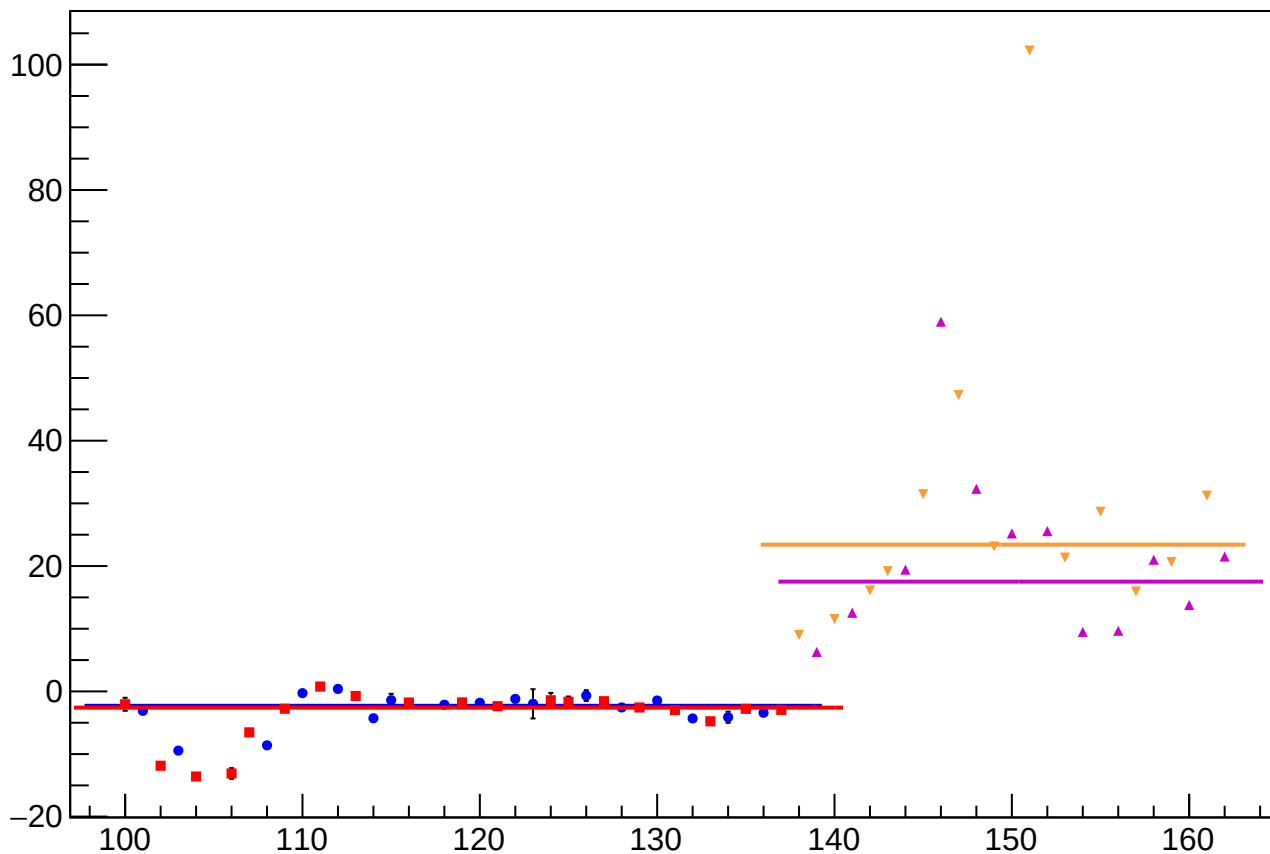
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.442 $\pm$ 0.035 χ^2/NDF :2124.7/28

Out: 1.437 $\pm$ 0.038 χ^2/NDF :2926.7/31

All: 1.440 $\pm$ 0.026 χ^2/NDF : 5051.3/60

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 23.415 ± 0.070 $\chi^2/\text{NDF}: 46903.8/12$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 17.511 ± 0.057 $\chi^2/\text{NDF}: 35313.8/11$

Left: 19.875 ± 0.045 $\chi^2/\text{NDF}: 86441.2/24$

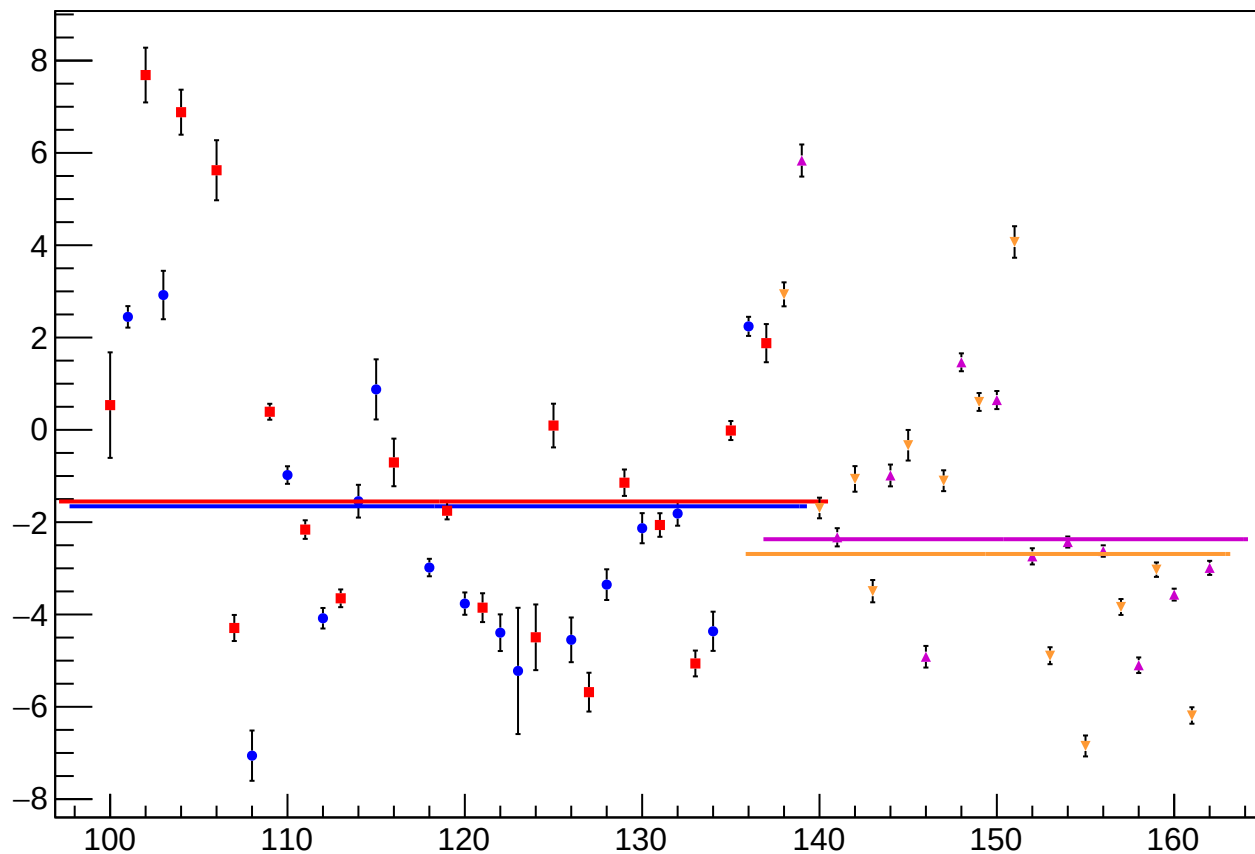
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 13.314 ± 0.051 $\chi^2/\text{NDF}: 60931.2/28$

Out: 14.670 ± 0.057 $\chi^2/\text{NDF}: 93750.5/31$

All: 13.913 ± 0.038 $\chi^2/\text{NDF}: 154994.1/60$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.689 ± 0.059 χ^2/NDF : 2230.7/12

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.369 ± 0.048 χ^2/NDF : 1710.4/11

Left: -2.497 ± 0.037 χ^2/NDF : 3958.5/24

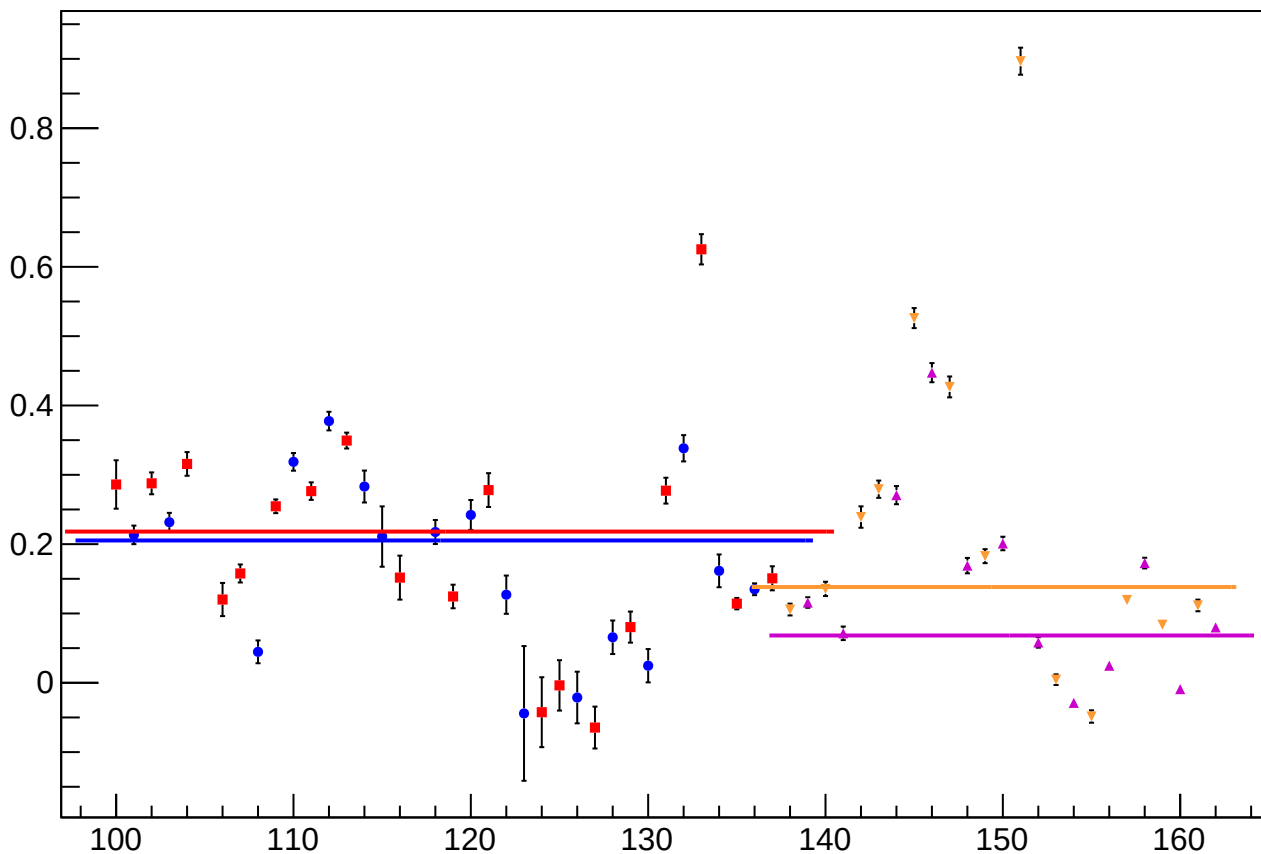
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.141 ± 0.040 χ^2/NDF : 3051.2/28

Out: -2.177 ± 0.044 χ^2/NDF : 3884.1/31

All: -2.158 ± 0.030 χ^2/NDF : 6935.7/60

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.138 $\pm$ 0.003 χ^2 /NDF:3611.9/12

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.068 $\pm$ 0.002 χ^2 /NDF:2122.1/11

Left: 0.095 $\pm$ 0.002 χ^2 /NDF: 6158.5/24

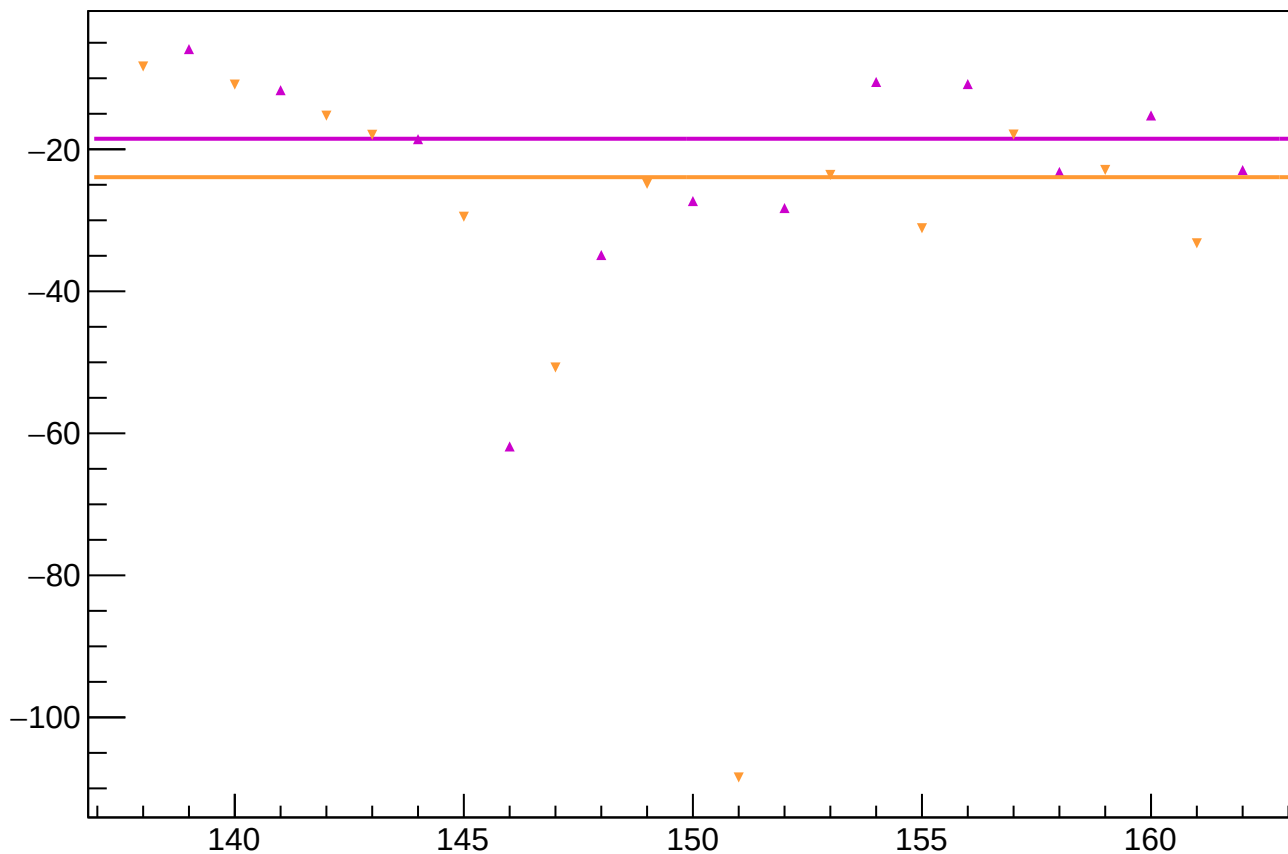
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.096 $\pm$ 0.002 χ^2 /NDF:3613.5/28

Out: 0.166 $\pm$ 0.002 χ^2 /NDF:4944.0/31

All: 0.126 $\pm$ 0.001 χ^2 /NDF: 9140.2/60

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -23.929 ± 0.071 $\chi^2/\text{NDF}: 51997.8/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -18.518 ± 0.060 $\chi^2/\text{NDF}: 37389.1/11$

Left: -20.736 ± 0.046 $\chi^2/\text{NDF}: 92768.8/24$

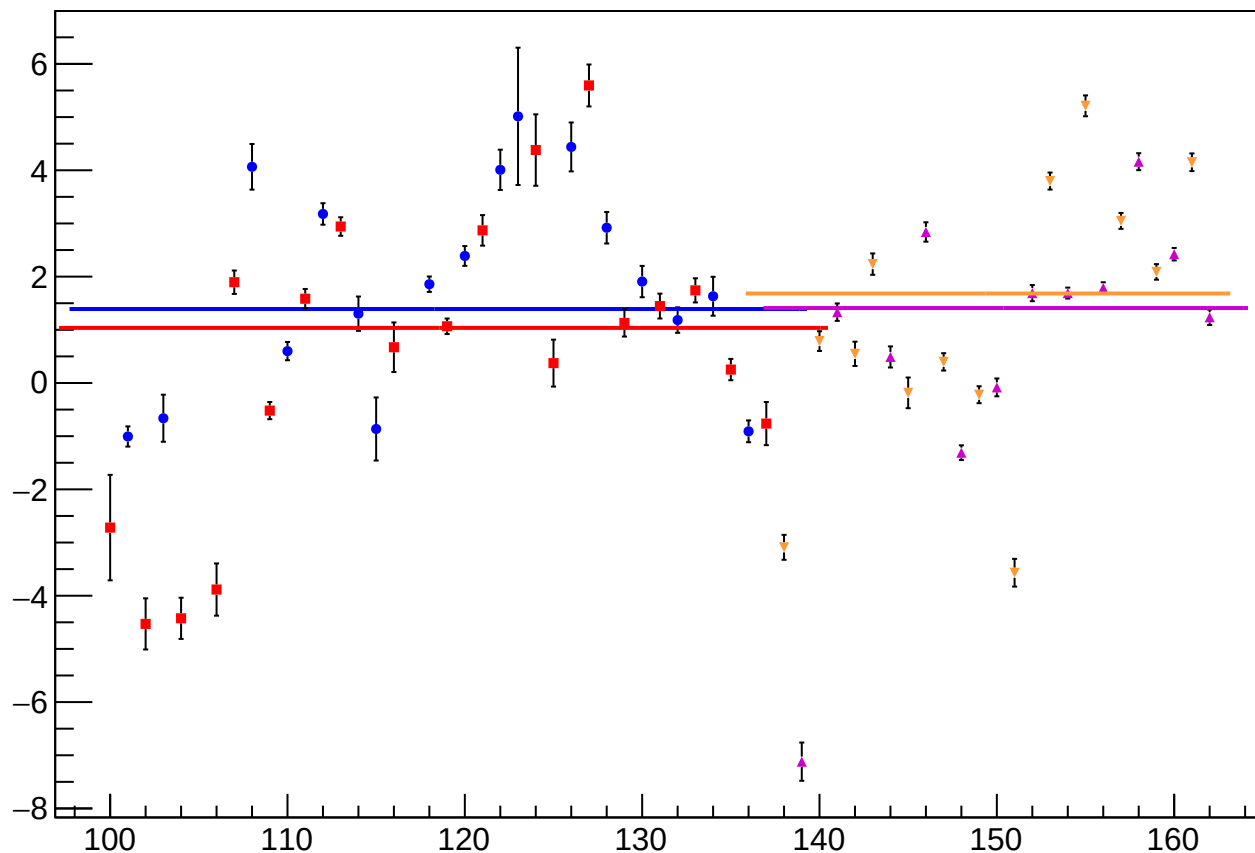
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -18.518 ± 0.060 $\chi^2/\text{NDF}: 37389.1/11$

Out: -23.929 ± 0.071 $\chi^2/\text{NDF}: 51997.8/12$

All: -20.736 ± 0.046 $\chi^2/\text{NDF}: 92768.8/24$

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.683 ± 0.051 χ^2/NDF : 1930.5/12

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.409 ± 0.042 χ^2/NDF : 1505.4/11

Left: 1.520 ± 0.032 χ^2/NDF : 3453.2/24

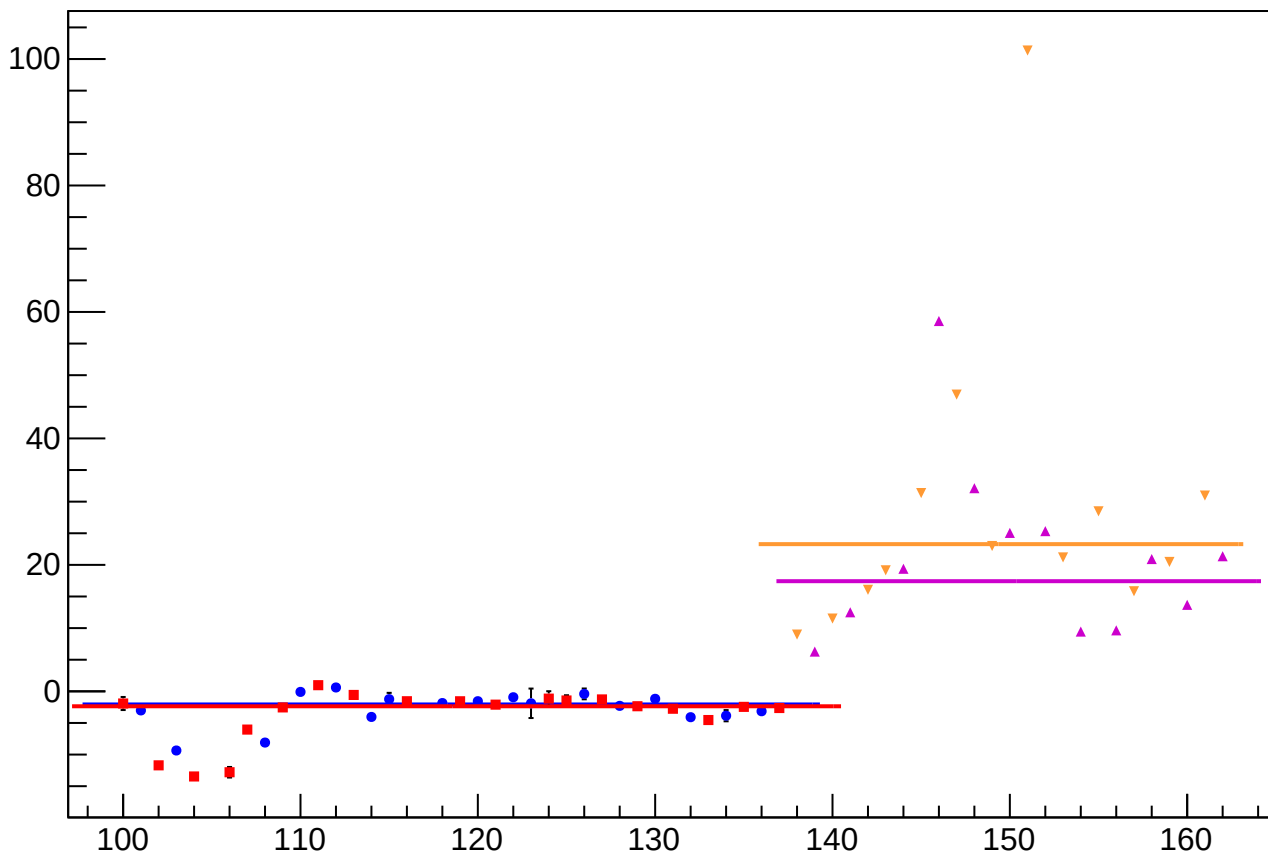
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.403 ± 0.035 χ^2/NDF : 2134.7/28

Out: 1.401 ± 0.038 χ^2/NDF : 2935.2/31

All: 1.402 ± 0.026 χ^2/NDF : 5069.9/60

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 23.280 ± 0.070 χ^2/NDF : 46798.0/12

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.421 ± 0.057 χ^2/NDF : 35253.9/11

Left: 19.767 ± 0.044 χ^2/NDF : 86264.7/24

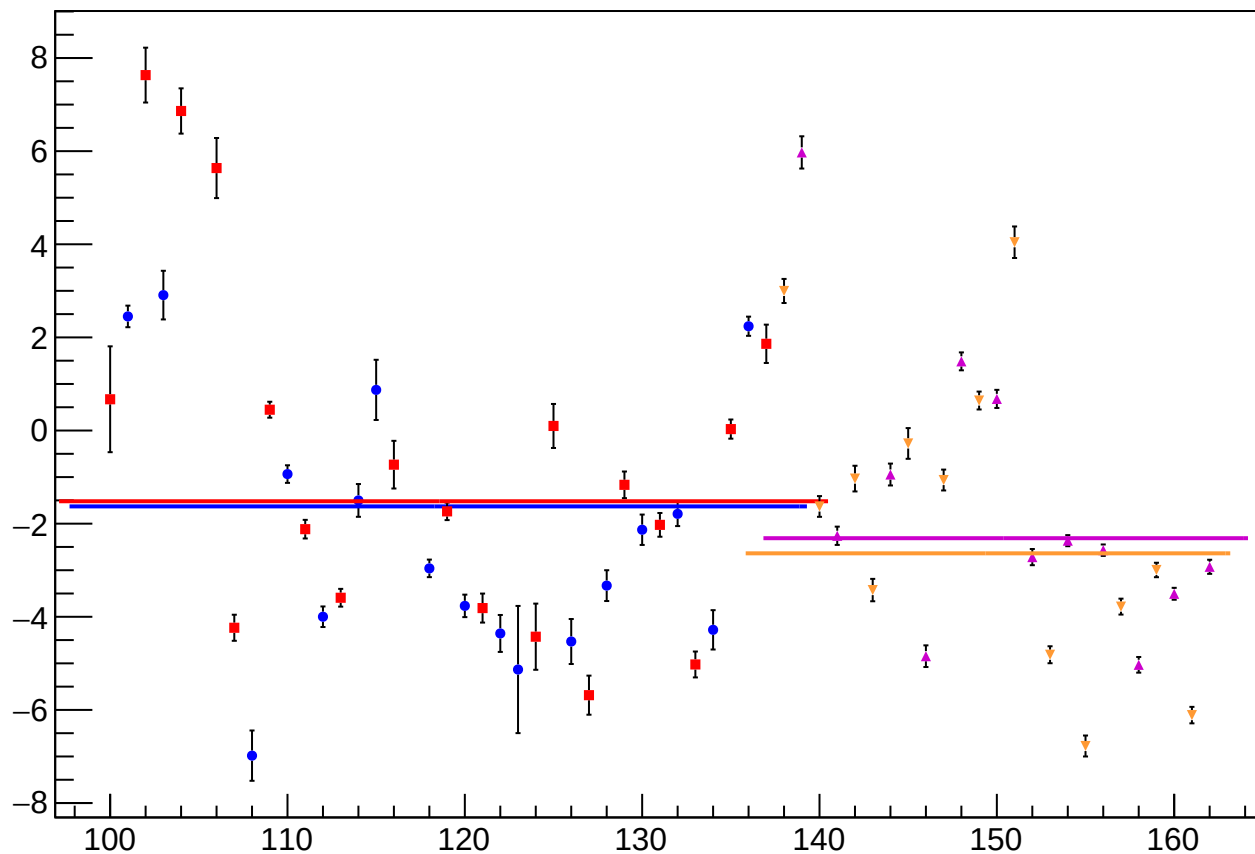
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 13.296 ± 0.051 χ^2/NDF : 60335.9/28

Out: 14.668 ± 0.057 χ^2/NDF : 92889.1/31

All: 13.903 ± 0.038 χ^2/NDF : 153548.5/60

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.637 ± 0.059 χ^2/NDF : 2237.6/12

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.312 ± 0.048 χ^2/NDF : 1726.1/11

Left: -2.442 ± 0.037 χ^2/NDF : 3982.0/24

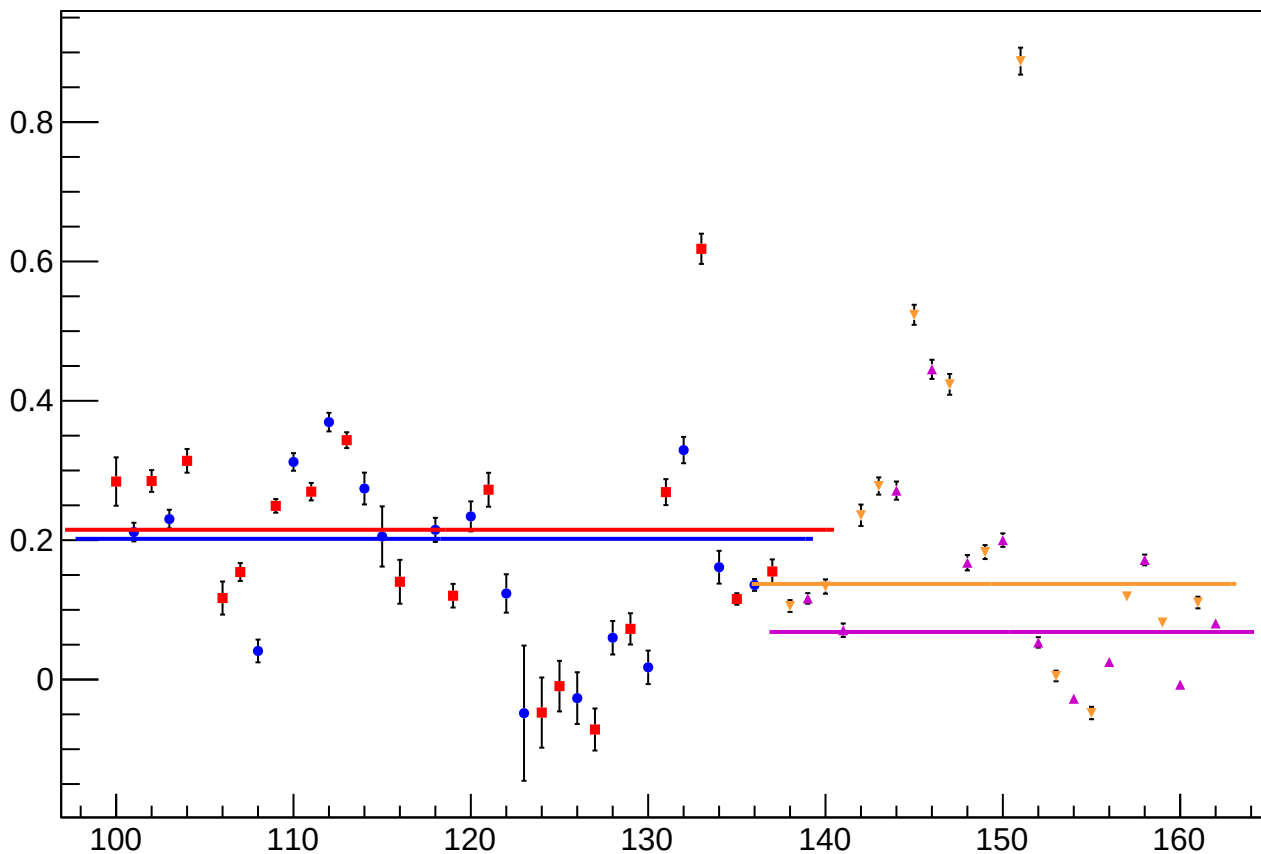
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.095 ± 0.040 χ^2/NDF : 3057.1/28

Out: -2.135 ± 0.044 χ^2/NDF : 3891.2/31

All: -2.113 ± 0.029 χ^2/NDF : 6948.7/60

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.137 $\pm$ 0.003 χ^2 /NDF:3605.7/12

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.068 $\pm$ 0.002 χ^2 /NDF:2115.9/11

Left: 0.095 $\pm$ 0.002 χ^2 /NDF: 6139.3/24

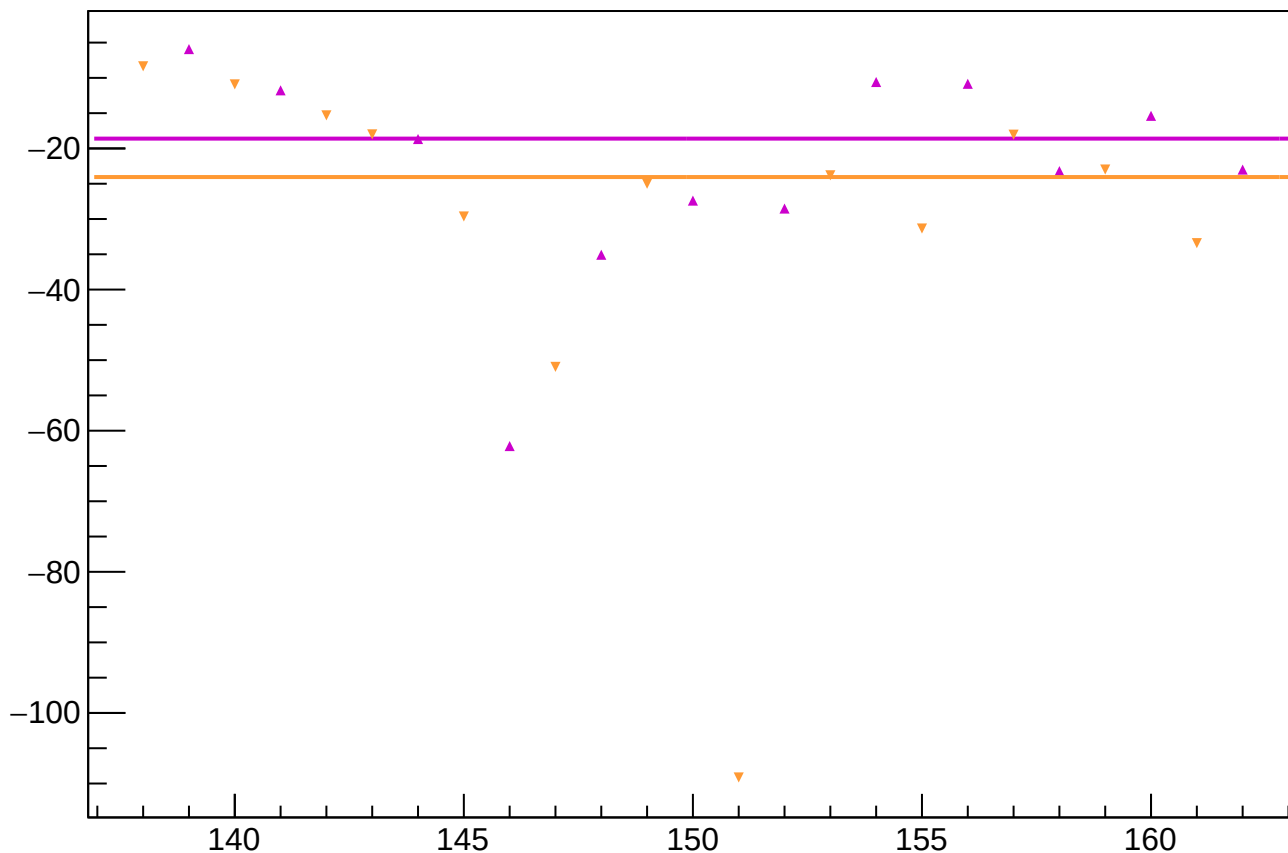
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.096 $\pm$ 0.002 χ^2 /NDF:3556.9/28

Out: 0.164 $\pm$ 0.002 χ^2 /NDF:4906.7/31

All: 0.125 $\pm$ 0.001 χ^2 /NDF: 9035.4/60

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -24.054 ± 0.072 $\chi^2/\text{NDF}: 52120.2/12$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -18.607 ± 0.060 $\chi^2/\text{NDF}: 37448.0/11$

Left: -20.838 ± 0.046 $\chi^2/\text{NDF}: 92967.7/24$

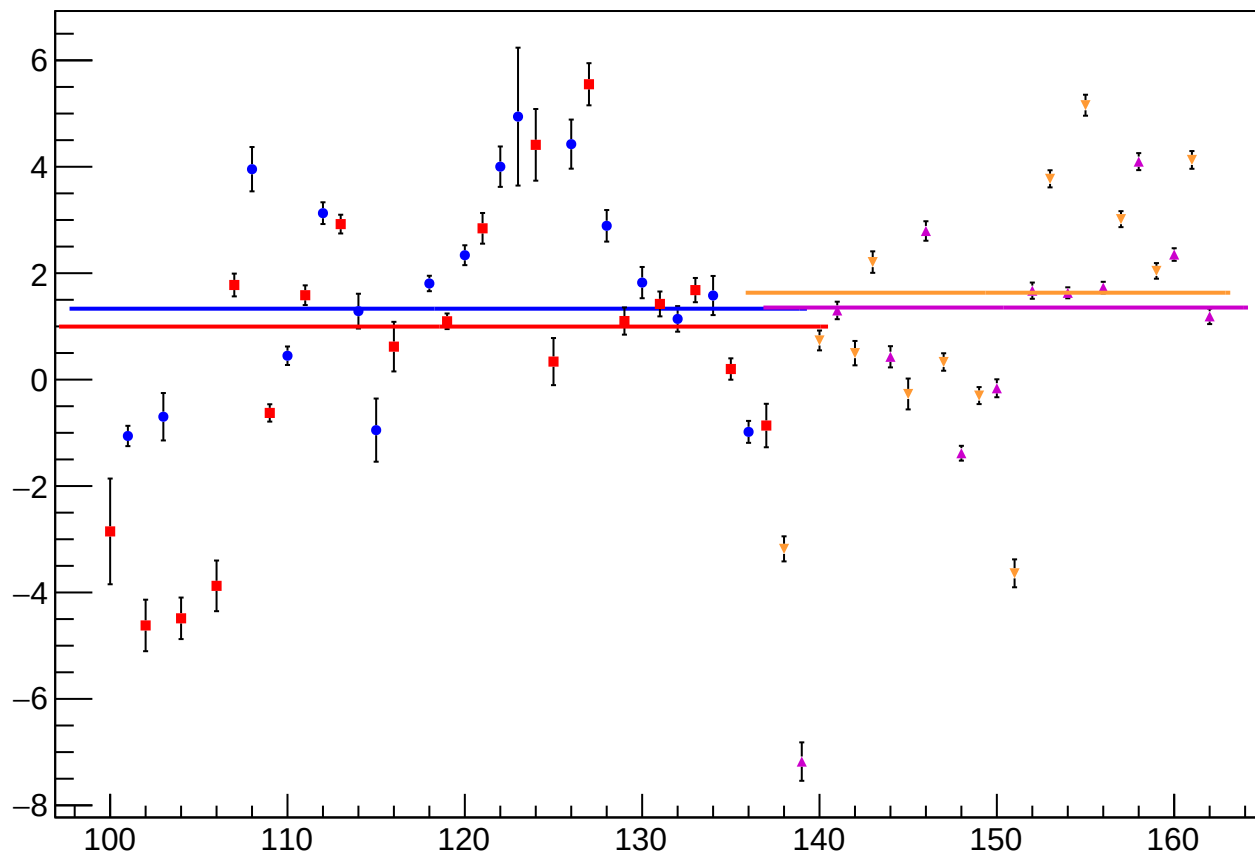
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -18.607 ± 0.060 $\chi^2/\text{NDF}: 37448.0/11$

Out: -24.054 ± 0.072 $\chi^2/\text{NDF}: 52120.2/12$

All: -20.838 ± 0.046 $\chi^2/\text{NDF}: 92967.7/24$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.633 $\pm$ 0.051 χ^2 /NDF:1942.2/12

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 1.354 $\pm$ 0.042 χ^2 /NDF:1499.1/11

Left: 1.467 $\pm$ 0.032 χ^2 /NDF: 3459.2/24

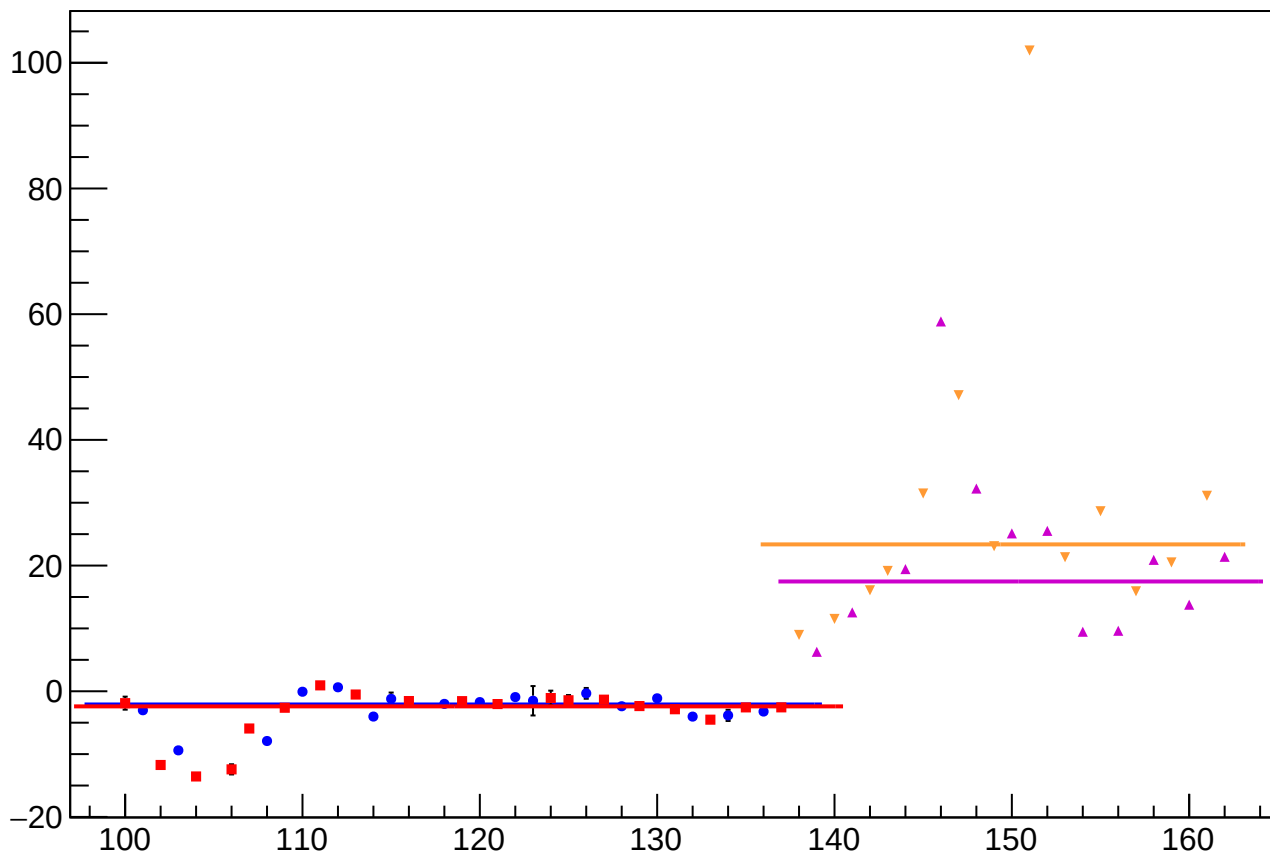
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.347 $\pm$ 0.035 χ^2 /NDF:2133.8/28

Out: 1.355 $\pm$ 0.038 χ^2 /NDF:2955.5/31

All: 1.351 $\pm$ 0.026 χ^2 /NDF: 5089.4/60

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.370 ± 0.070 χ^2/NDF : 46903.8/12

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.469 ± 0.057 χ^2/NDF : 35321.0/11

Left: 19.830 ± 0.044 χ^2/NDF : 86464.1/24

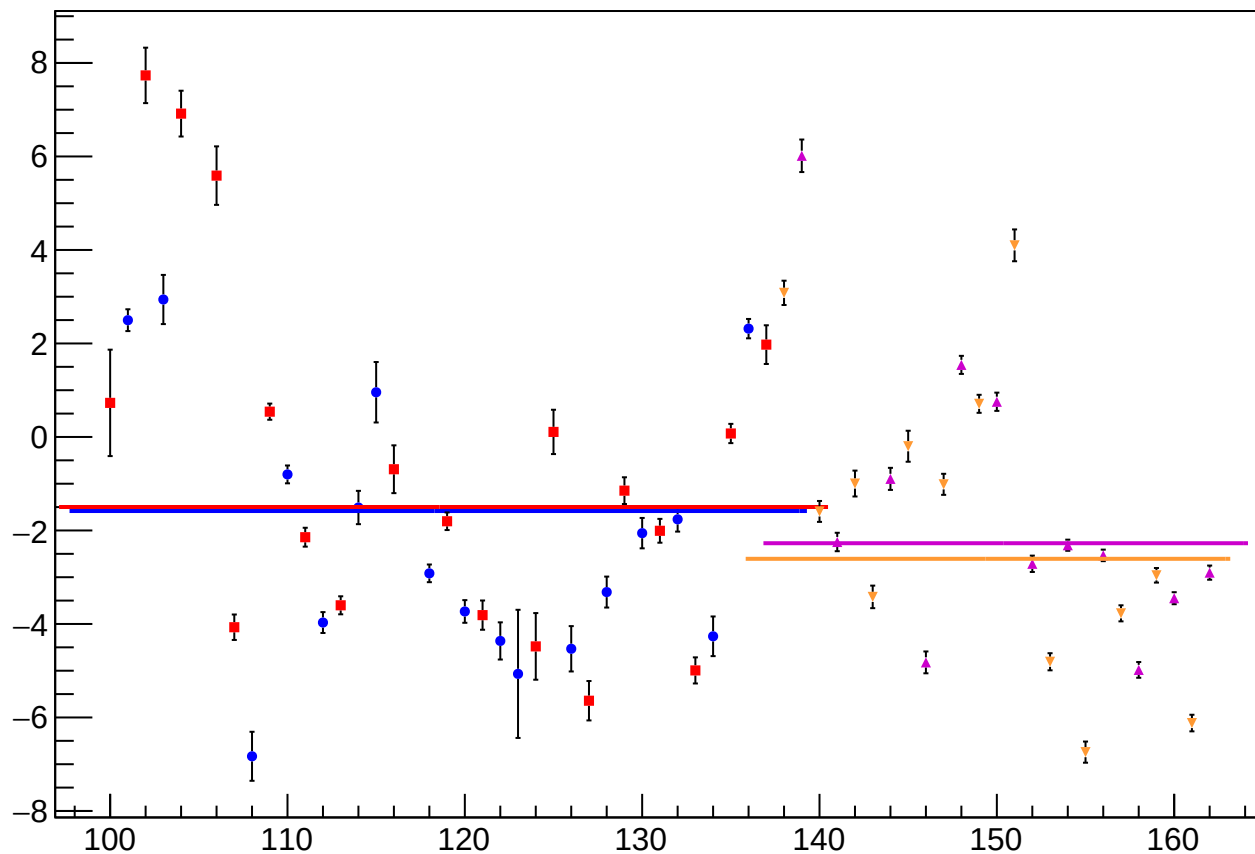
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 13.339 ± 0.051 χ^2/NDF : 60348.9/28

Out: 14.721 ± 0.057 χ^2/NDF : 93031.9/31

All: 13.950 ± 0.038 χ^2/NDF : 153705.9/60

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.606 ± 0.059 χ^2/NDF : 2253.4/12

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.273 ± 0.048 χ^2/NDF : 1721.2/11

Left: -2.406 ± 0.037 χ^2/NDF : 3993.6/24

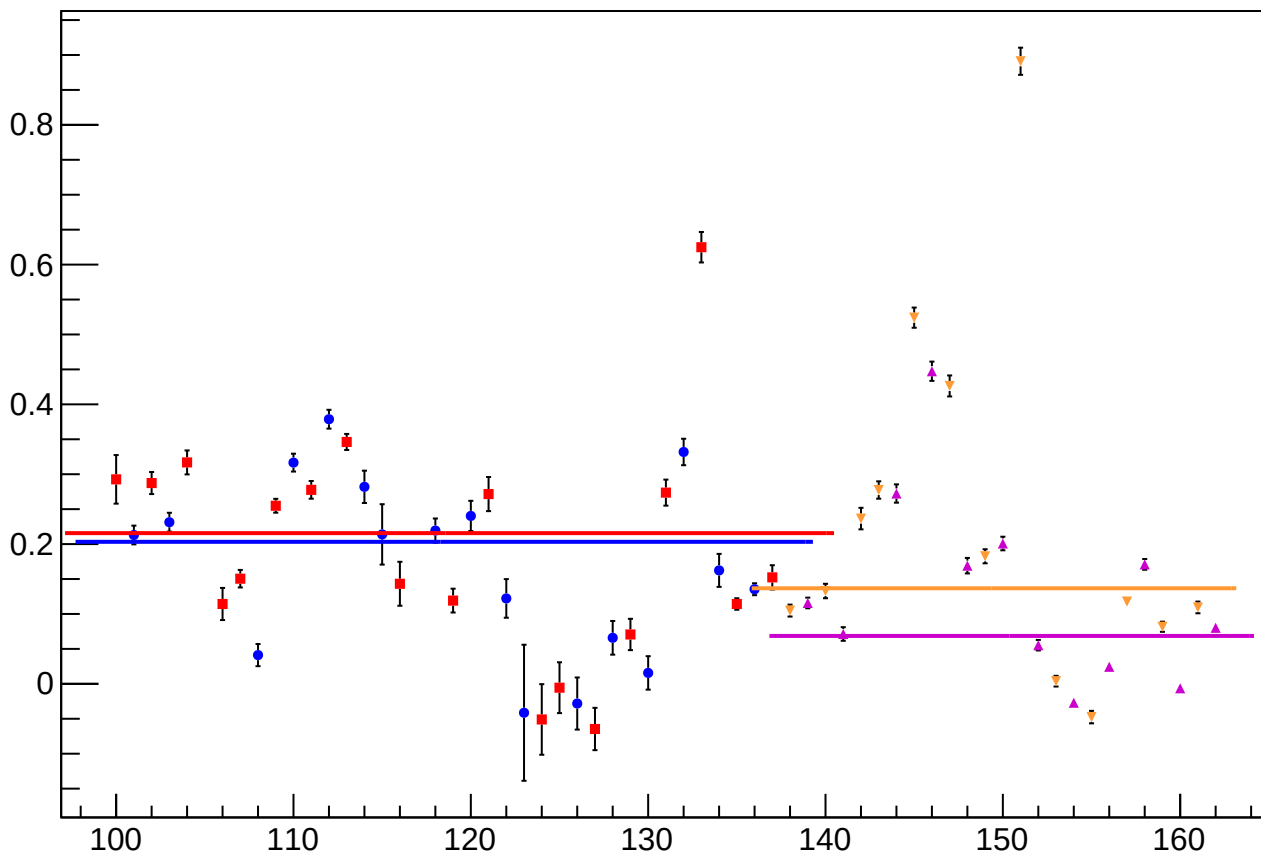
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -2.054 ± 0.040 χ^2/NDF : 3058.4/28

Out: -2.108 ± 0.044 χ^2/NDF : 3914.6/31

All: -2.078 ± 0.029 χ^2/NDF : 6973.9/60

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3600.0/12

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.069 ± 0.002 χ^2/NDF : 2106.4/11

Left: 0.095 ± 0.002 χ^2/NDF : 6111.6/24

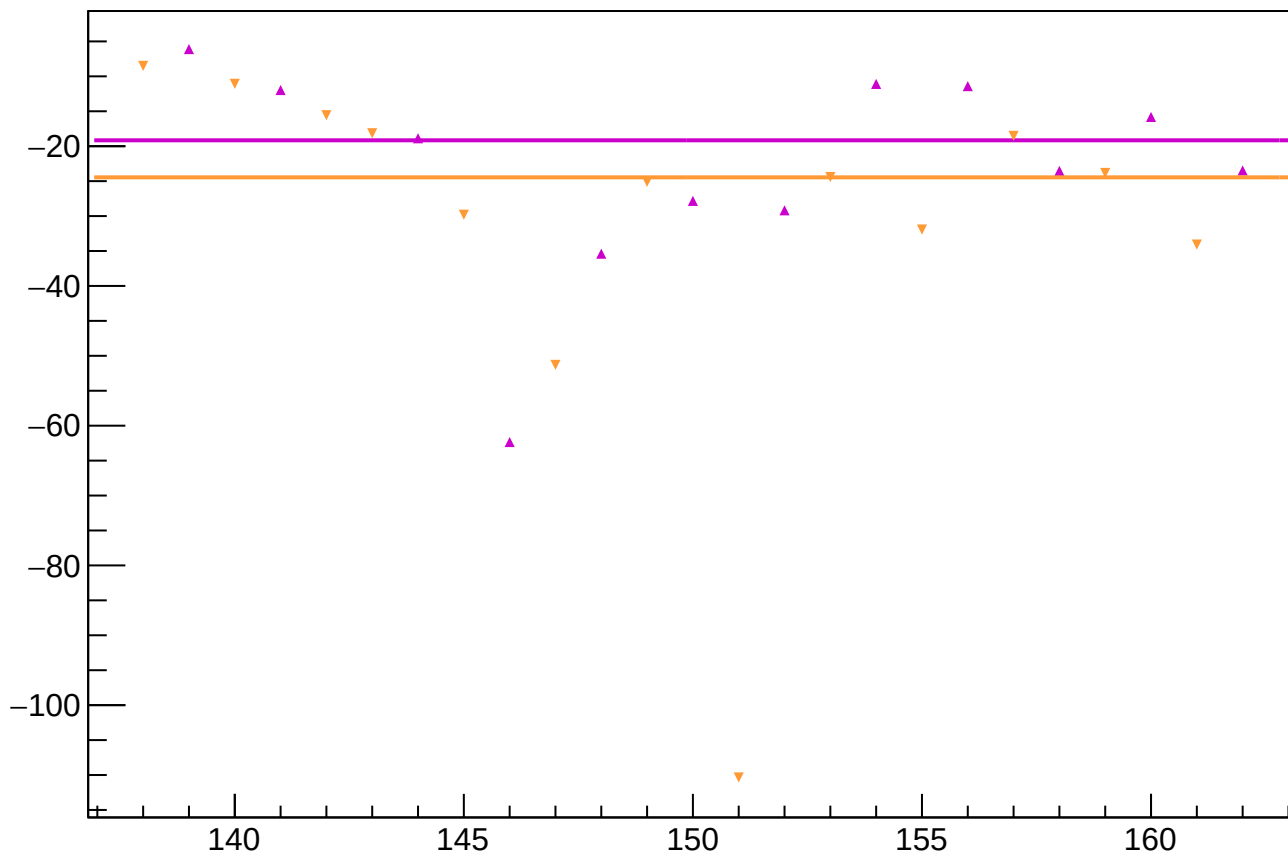
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.096 ± 0.002 χ^2/NDF : 3582.7/28

Out: 0.164 ± 0.002 χ^2/NDF : 4940.7/31

All: 0.125 ± 0.001 χ^2/NDF : 9083.2/60

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: -24.458+/-0.073 χ^2/NDF : 51997.4/12

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: -21.348+/-0.047 χ^2/NDF : 91456.3/24

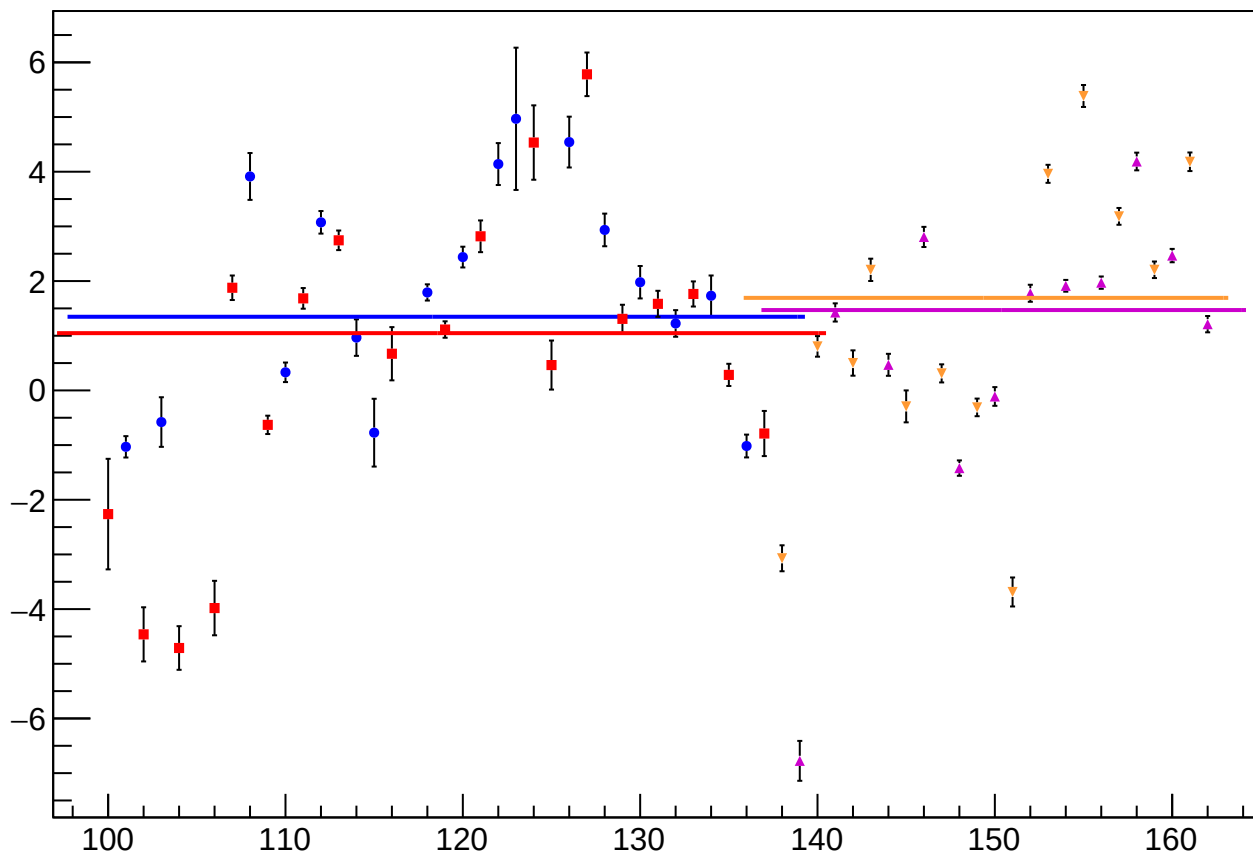
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.155+/-0.061 χ^2/NDF : 36359.7/11

Out: -24.458+/-0.073 χ^2/NDF : 51997.4/12

All: -21.348+/-0.047 χ^2/NDF : 91456.3/24

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.693 $\pm$ 0.052 χ^2 /NDF:1986.0/12

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.470 $\pm$ 0.043 χ^2 /NDF:1487.4/11

Left: 1.561 $\pm$ 0.033 χ^2 /NDF: 3484.3/24

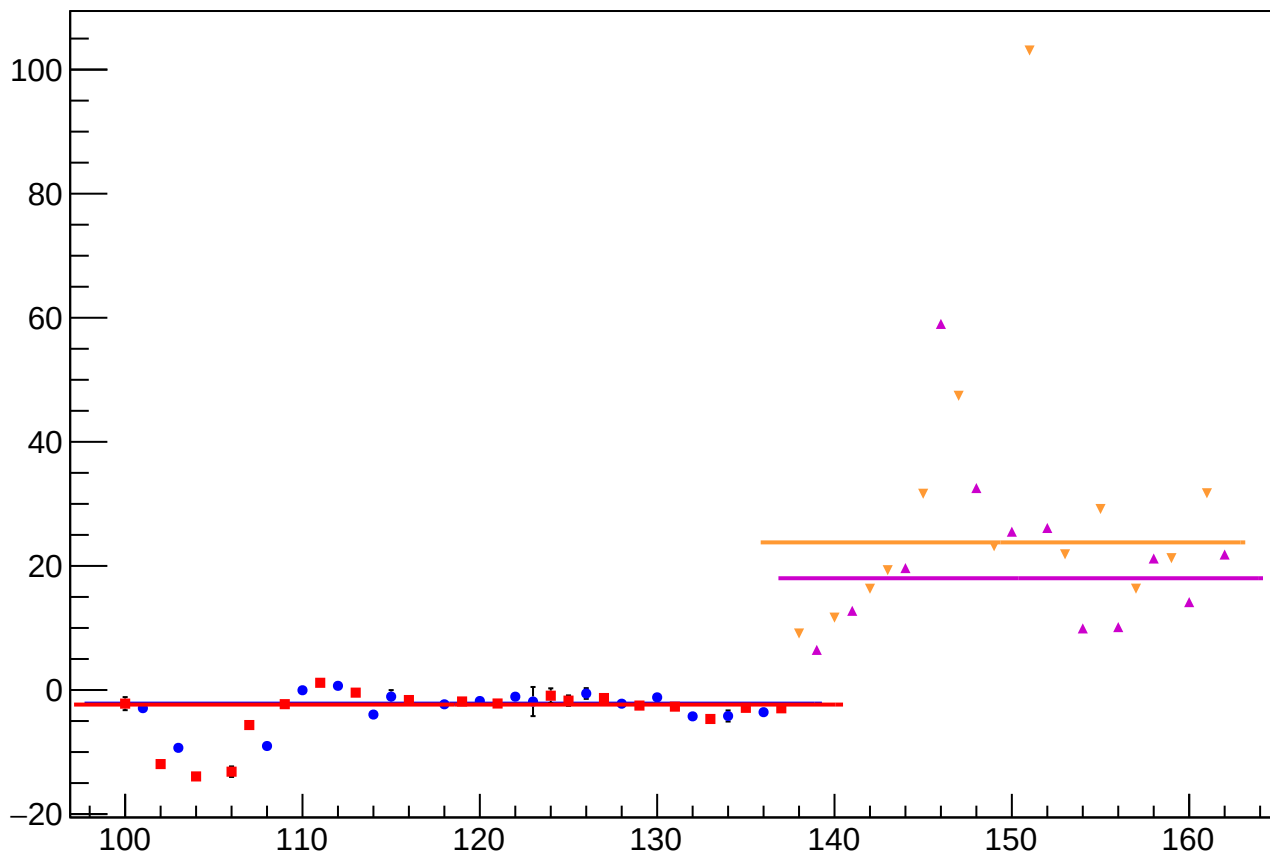
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.430 $\pm$ 0.035 χ^2 /NDF:2120.2/28

Out: 1.412 $\pm$ 0.039 χ^2 /NDF:2969.2/31

All: 1.422 $\pm$ 0.026 χ^2 /NDF: 5089.5/60

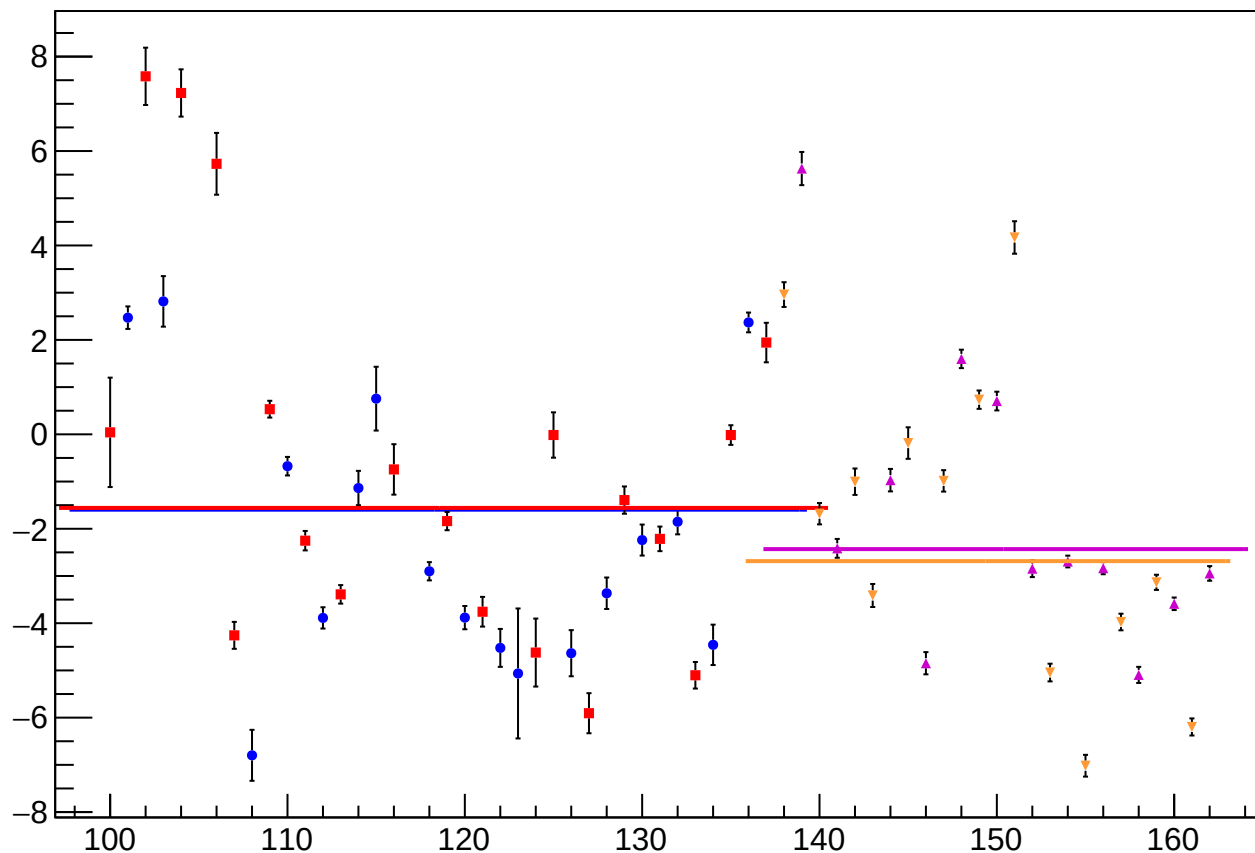
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.793 ± 0.071 $\chi^2/\text{NDF}: 46649.0/12$
 Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 18.014 ± 0.059 $\chi^2/\text{NDF}: 34142.5/11$

Left: 20.349 ± 0.045 $\chi^2/\text{NDF}: 84695.7/24$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 13.701 ± 0.052 $\chi^2/\text{NDF}: 59828.7/28$
 Out: 15.068 ± 0.058 $\chi^2/\text{NDF}: 92302.2/31$
 All: 14.309 ± 0.039 $\chi^2/\text{NDF}: 152436.6/60$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.685 ± 0.060 χ^2/NDF : 2297.0/12

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.431 ± 0.049 χ^2/NDF : 1695.7/11

Left: -2.533 ± 0.038 χ^2/NDF : 4003.4/24

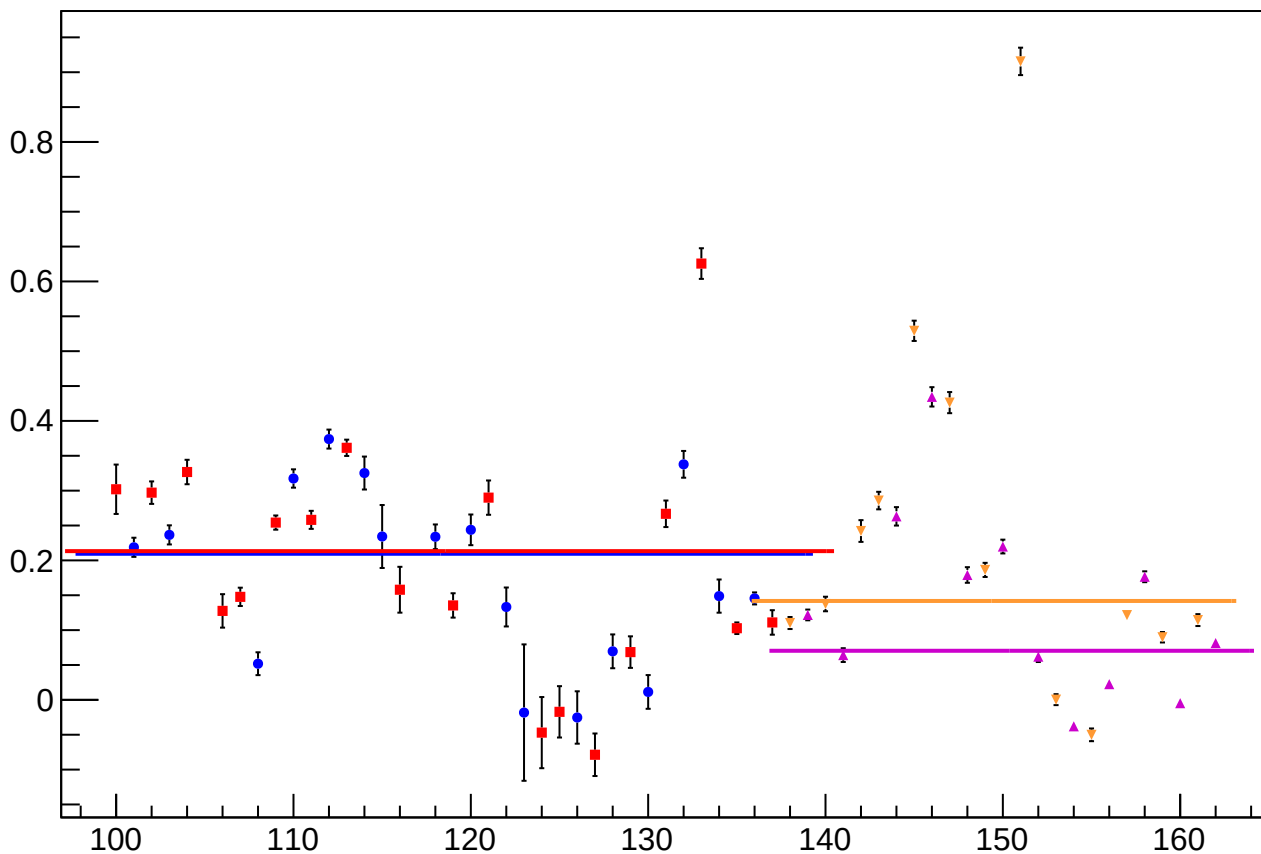
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.162 ± 0.041 χ^2/NDF : 3043.2/28

Out: -2.181 ± 0.045 χ^2/NDF : 3917.8/31

All: -2.170 ± 0.030 χ^2/NDF : 6961.1/60

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2/NDF : 597.7/16

Left Out: 0.142 $\pm$ 0.003 χ^2/NDF :3650.1/12

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1103.2/18

Left In: 0.070 $\pm$ 0.002 χ^2/NDF :2145.5/11

Left: 0.098 $\pm$ 0.002 χ^2/NDF : 6221.6/24

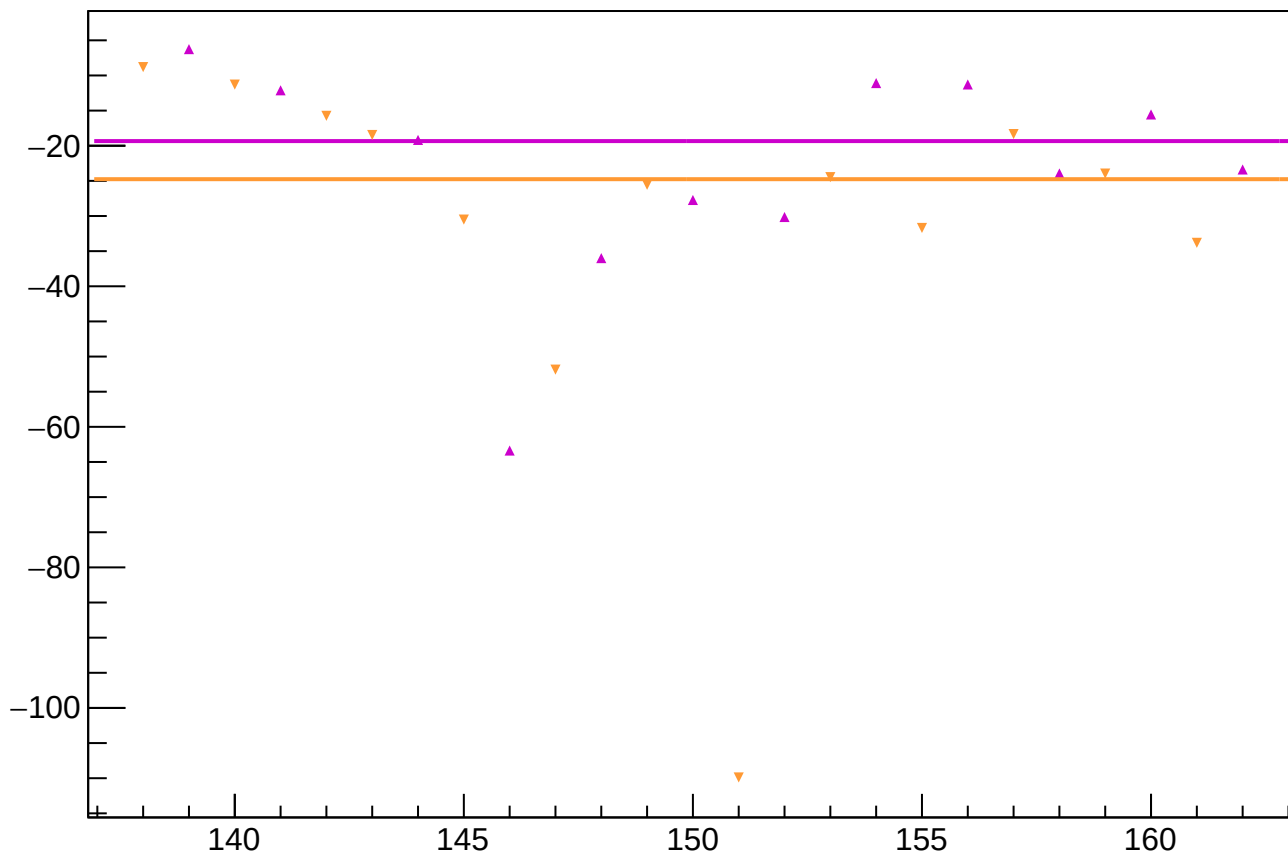
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35

In: 0.099 $\pm$ 0.002 χ^2/NDF :3608.9/28

Out: 0.166 $\pm$ 0.002 χ^2/NDF :4991.9/31

All: 0.128 $\pm$ 0.001 χ^2/NDF : 9125.4/60

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -24.760 ± 0.074 $\chi^2/\text{NDF}: 51088.7/12$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -19.339 ± 0.062 $\chi^2/\text{NDF}: 36654.5/11$

Left: -21.589 ± 0.048 $\chi^2/\text{NDF}: 90894.4/24$

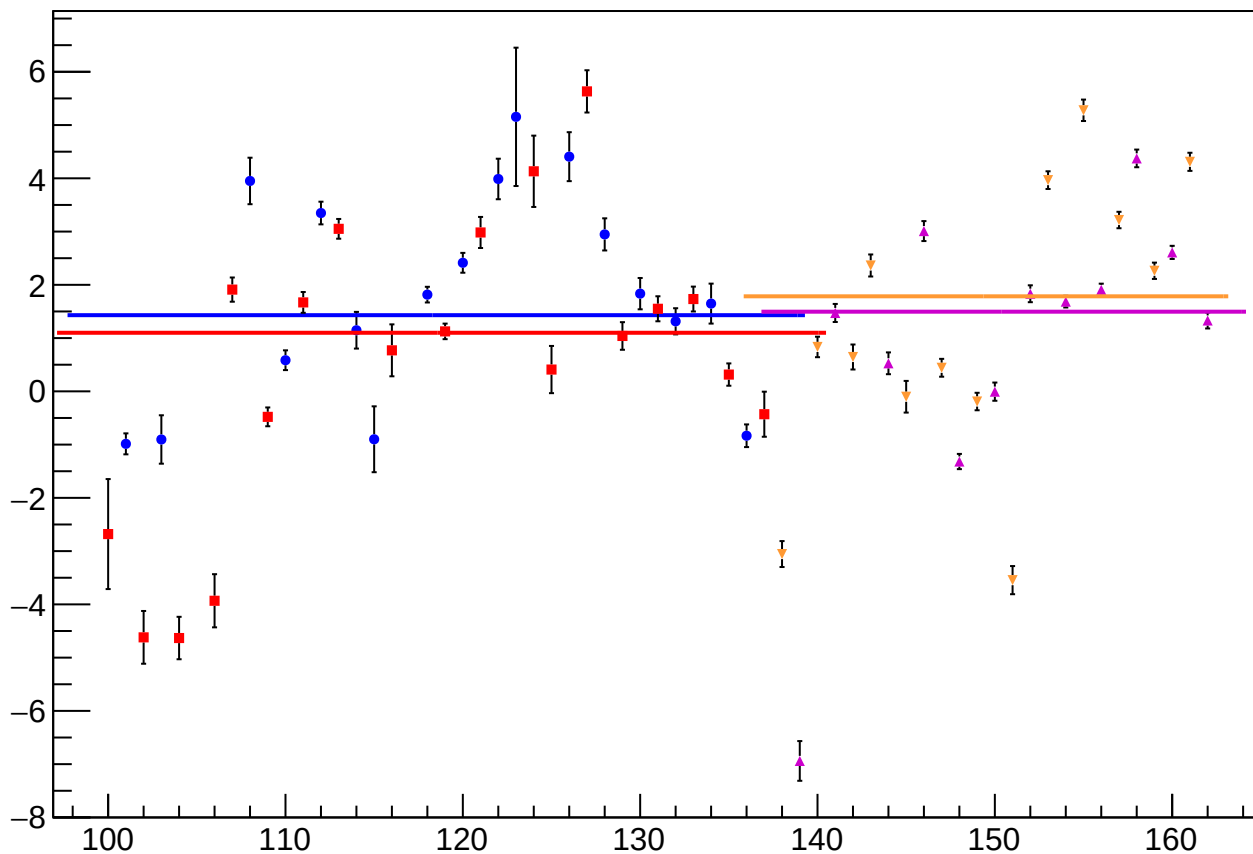
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -19.339 ± 0.062 $\chi^2/\text{NDF}: 36654.5/11$

Out: -24.760 ± 0.074 $\chi^2/\text{NDF}: 51088.7/12$

All: -21.589 ± 0.048 $\chi^2/\text{NDF}: 90894.4/24$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430+/-0.063 χ^2/NDF : 598.0/16

Left Out: 1.784+/-0.052 χ^2/NDF : 1896.7/12

Right Out: 1.100+/-0.060 χ^2/NDF : 901.0/18

Left In: 1.496+/-0.044 χ^2/NDF : 1467.0/11

Left: 1.614+/-0.034 χ^2/NDF : 3381.5/24

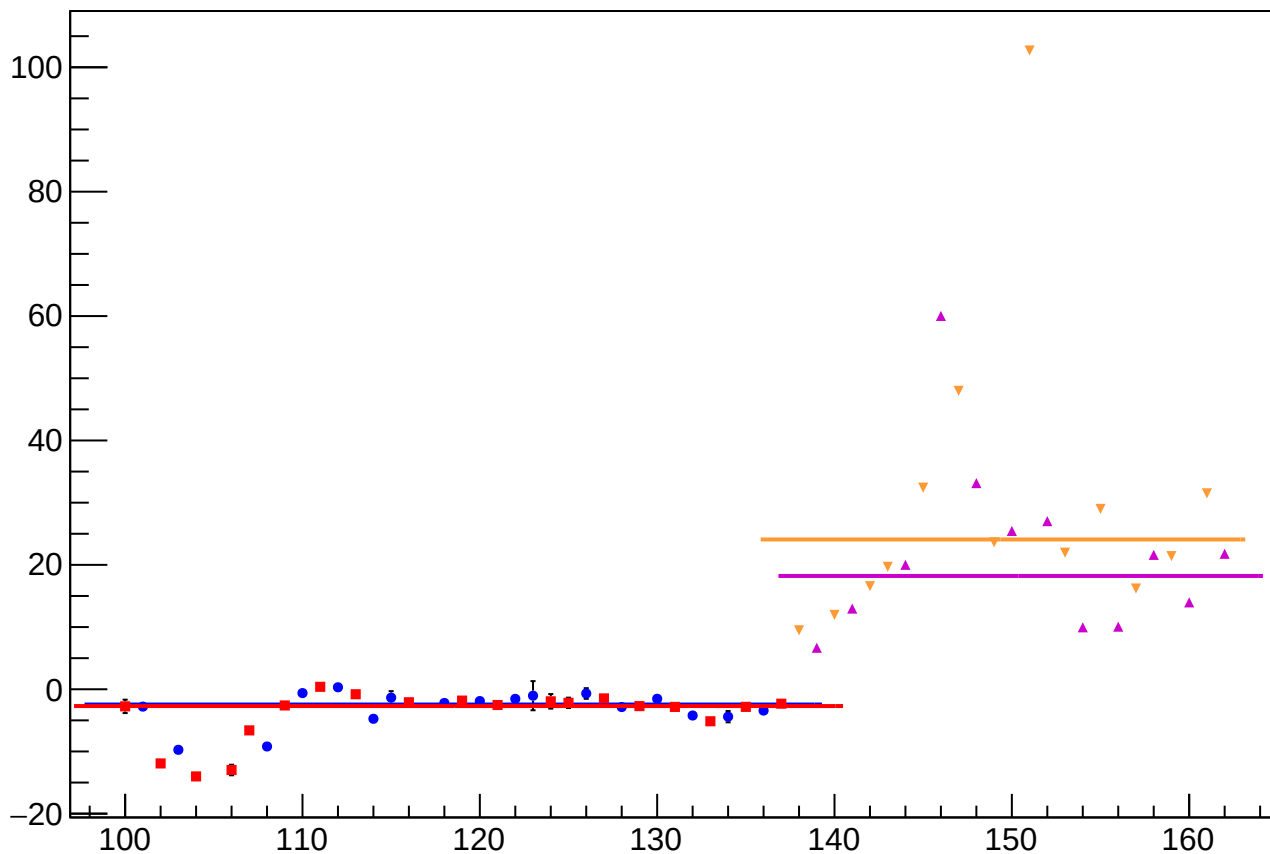
Right: 1.257+/-0.043 χ^2/NDF : 1513.6/35

In: 1.474+/-0.036 χ^2/NDF : 2065.7/28

Out: 1.488+/-0.039 χ^2/NDF : 2871.6/31

All: 1.480+/-0.027 χ^2/NDF : 4937.4/60

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.085 ± 0.072 χ^2/NDF : 45971.7/12

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.217 ± 0.060 χ^2/NDF : 34478.1/11

Left: 20.599 ± 0.046 χ^2/NDF : 84371.4/24

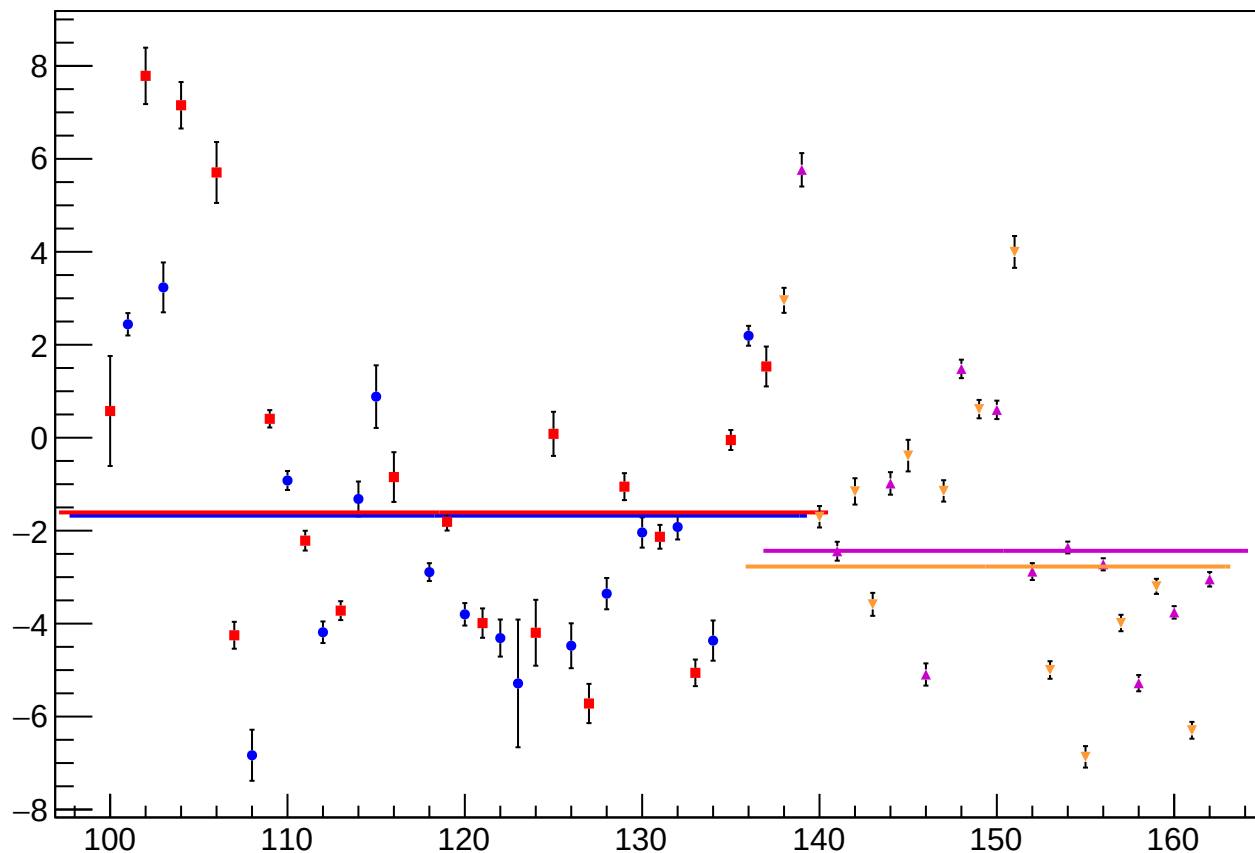
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 13.801 ± 0.053 χ^2/NDF : 60506.0/28

Out: 15.268 ± 0.059 χ^2/NDF : 92088.2/31

All: 14.454 ± 0.039 χ^2/NDF : 152935.4/60

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.772 ± 0.061 $\chi^2/\text{NDF}: 2187.1/12$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -2.434 ± 0.050 $\chi^2/\text{NDF}: 1692.9/11$

Left: -2.571 ± 0.039 $\chi^2/\text{NDF}: 3898.4/24$

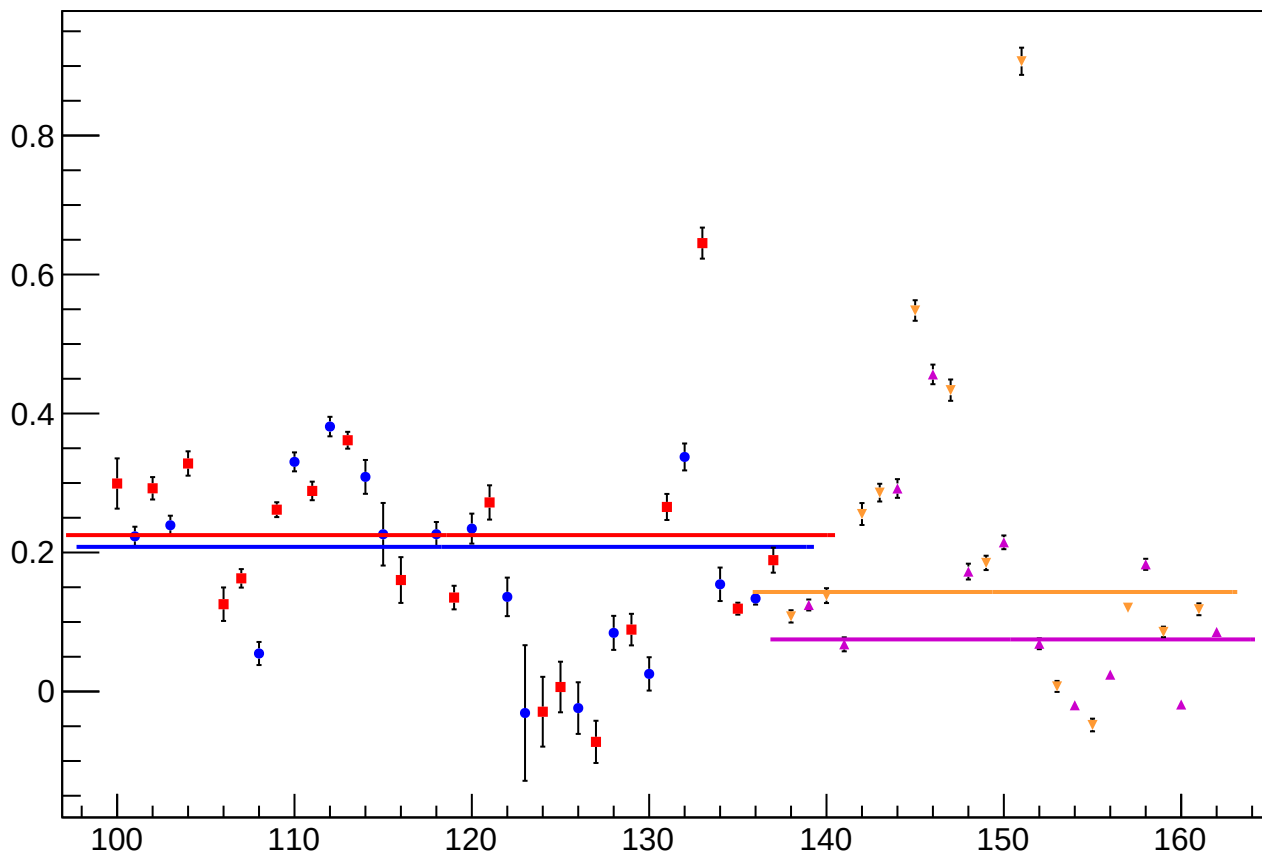
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -2.189 ± 0.041 $\chi^2/\text{NDF}: 2971.5/28$

Out: -2.253 ± 0.045 $\chi^2/\text{NDF}: 3781.0/31$

All: -2.218 ± 0.030 $\chi^2/\text{NDF}: 6753.6/60$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16
 Left Out: 0.143 ± 0.003 χ^2/NDF : 3648.4/12
 Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18
 Left In: 0.075 ± 0.002 χ^2/NDF : 2143.7/11

Left: 0.102 ± 0.002 χ^2/NDF : 6171.1/24
 Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35
 In: 0.103 ± 0.002 χ^2/NDF : 3515.2/28
 Out: 0.171 ± 0.002 χ^2/NDF : 4951.0/31
 All: 0.132 ± 0.001 χ^2/NDF : 8993.1/60