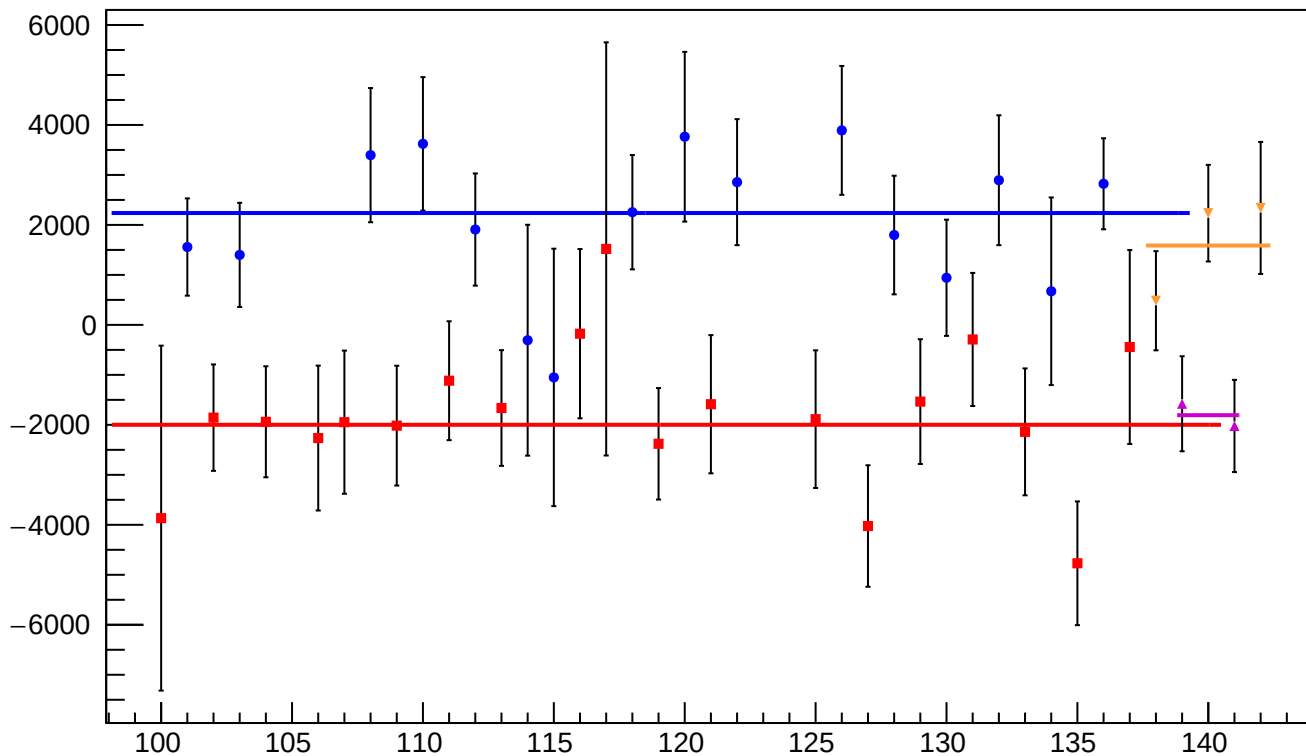


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

2102.558+/-279.941

χ^2/NDF : 14.2/18

Left Out: 1588.384+/-613.210

χ^2/NDF : 2.0/2

Right Out: -1999.038+/-307.507

χ^2/NDF : 13.3/18

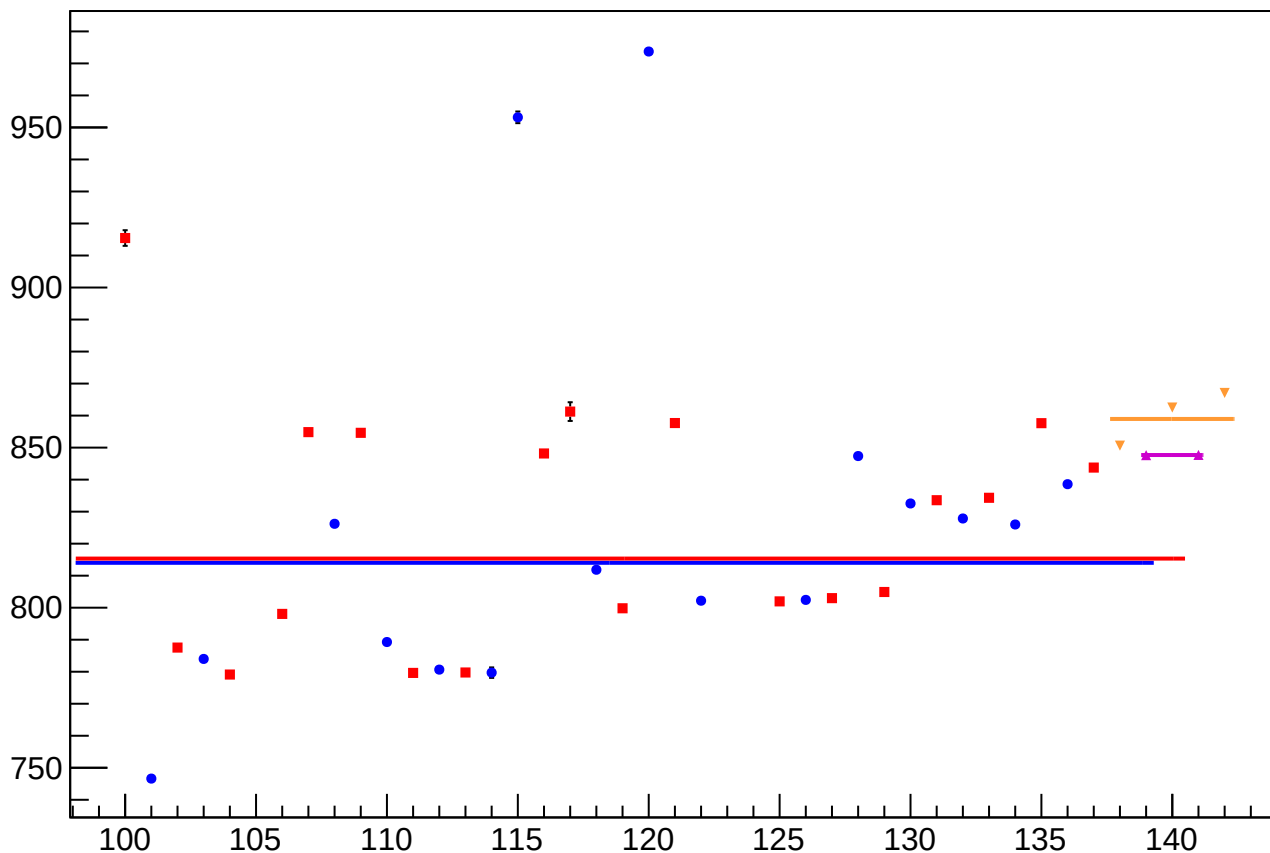
-1964.902+/-278.883

χ^2/NDF : 13.5/20

Left In: -1806.728+/-661.940

χ^2/NDF : 0.1/1

dit_asym_us_avg_rms vs Slug



Right In: 814.021 ± 0.222 χ^2/NDF : 42041.6/15

Left Out: 858.952 ± 0.434 χ^2/NDF : 244.0/2

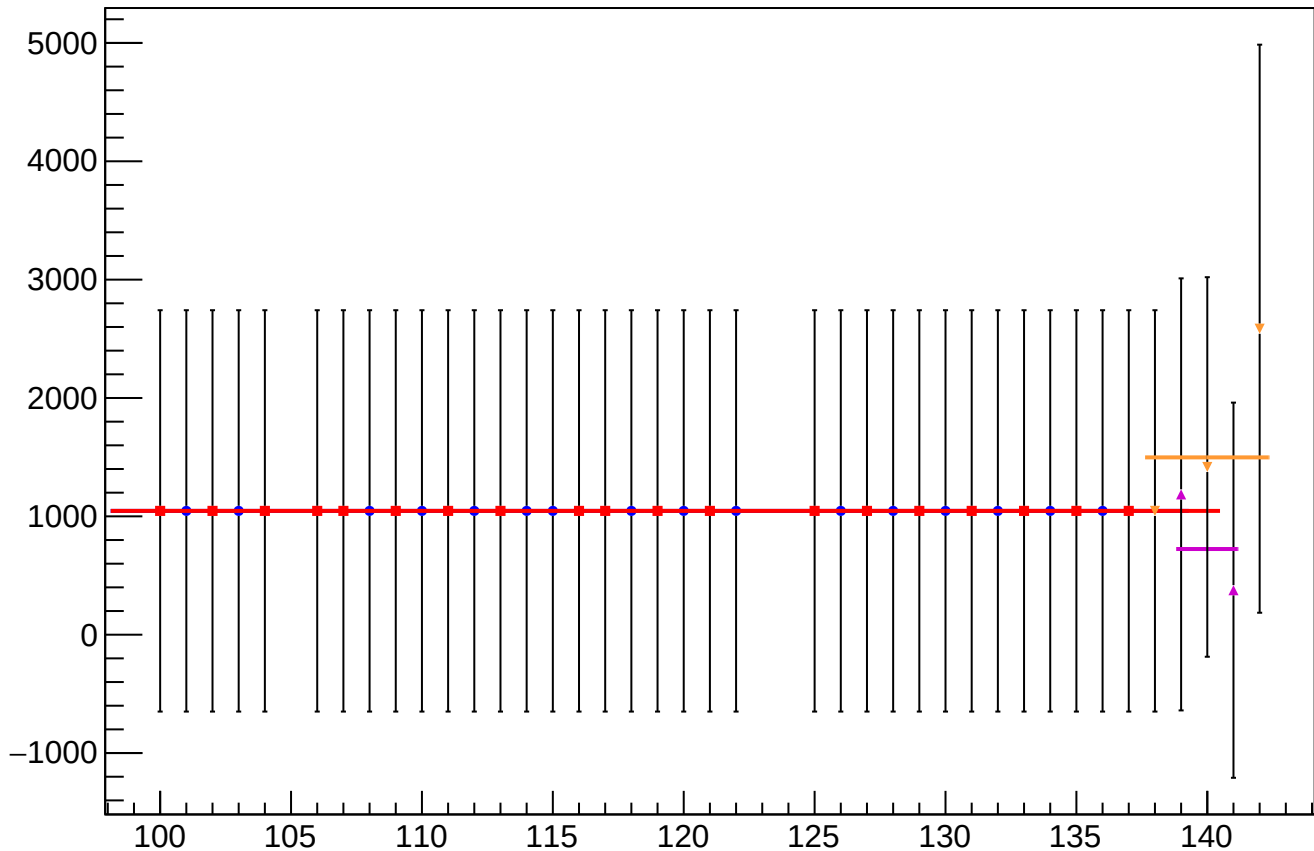
Right Out: 815.340 ± 0.217 χ^2/NDF : 20207.4/18

Left In: 847.685 ± 0.468 χ^2/NDF : 0.0/1

823.385 ± 0.198 χ^2/NDF : 50785.4/18

821.081 ± 0.197 χ^2/NDF : 24135.2/20

asym_us_avg_correction_mean vs Slug



Right In: 1046.022+/-423.907 χ^2/NDF : 0.0/15

Left Out: 1498.173+/-1048.087 χ^2/NDF : 0.3/2

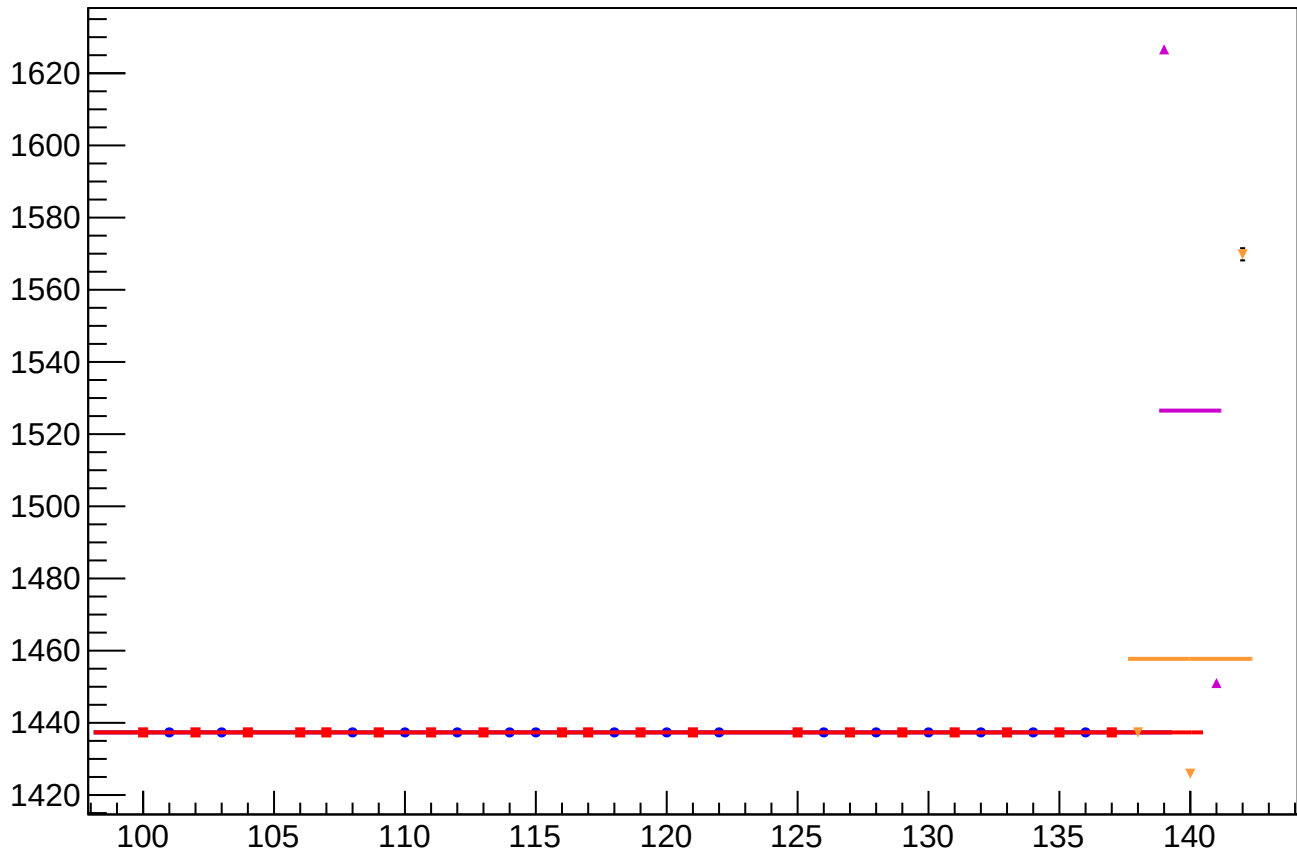
Right Out: 1046.022+/-389.004 χ^2/NDF : 0.0/18

Left In: 723.952+/-1196.768 χ^2/NDF : 0.1/1

1109.589+/-392.981 χ^2/NDF : 0.4/18

1015.246+/-369.951 χ^2/NDF : 0.2/20

asym_us_avg_correction_rms vs Slug



Right In: 1437.353+/-0.300 χ^2/NDF : 0.0/15

Left Out: 1457.729+/-0.741 χ^2/NDF :5440.5/2

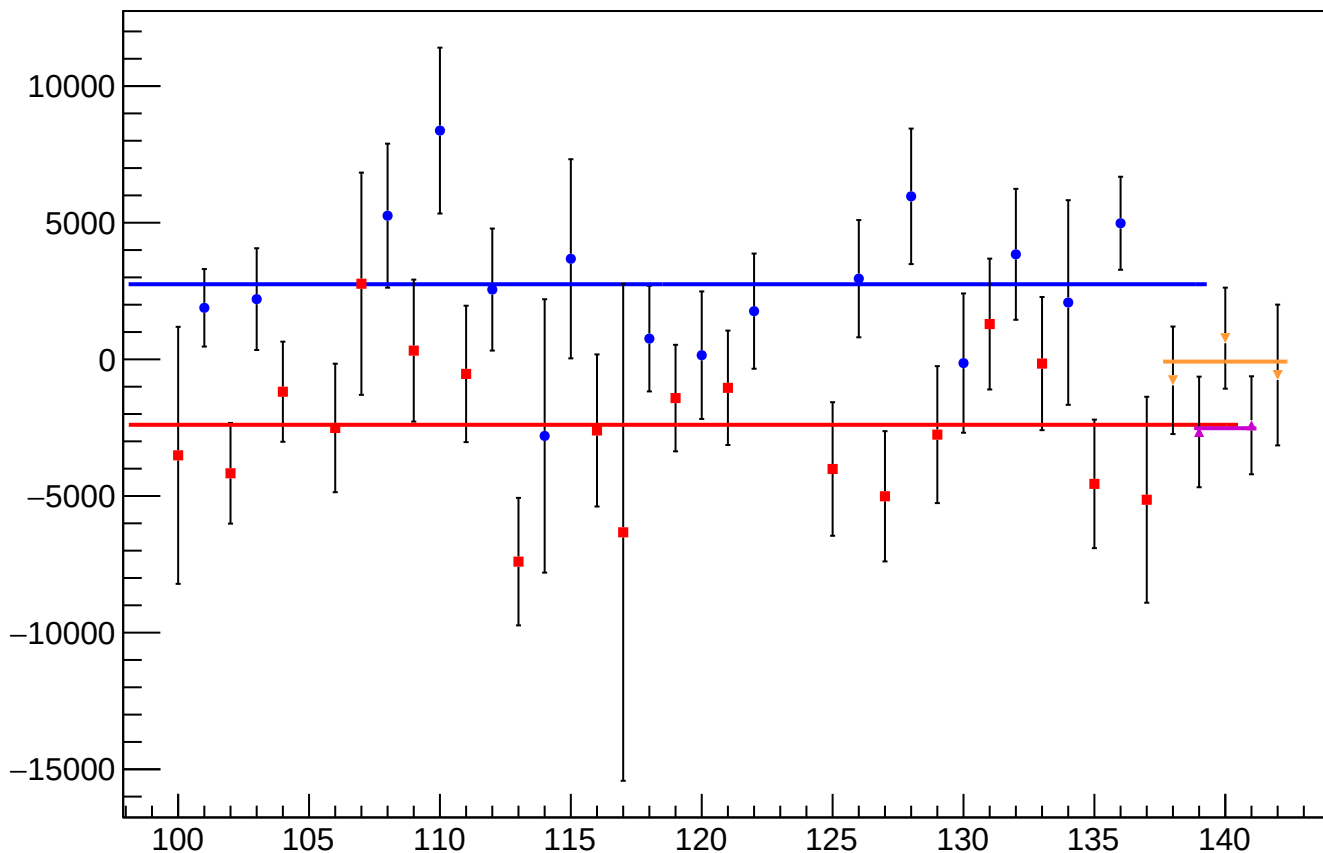
Right Out: 1437.353+/-0.275 χ^2/NDF : 0.0/18

Left In: 1526.519+/-0.846 χ^2/NDF :10552.6/1

1440.218+/-0.278 χ^2/NDF : 6090.1/18

1445.874+/-0.262 χ^2/NDF : 20593.8/20

asym_us_avg_mean vs Slug



Right In: 2748.777 ± 562.943 $\chi^2/\text{NDF}: 13.5/15$

Left Out: -81.974 ± 1193.718 $\chi^2/\text{NDF}: 0.4/2$

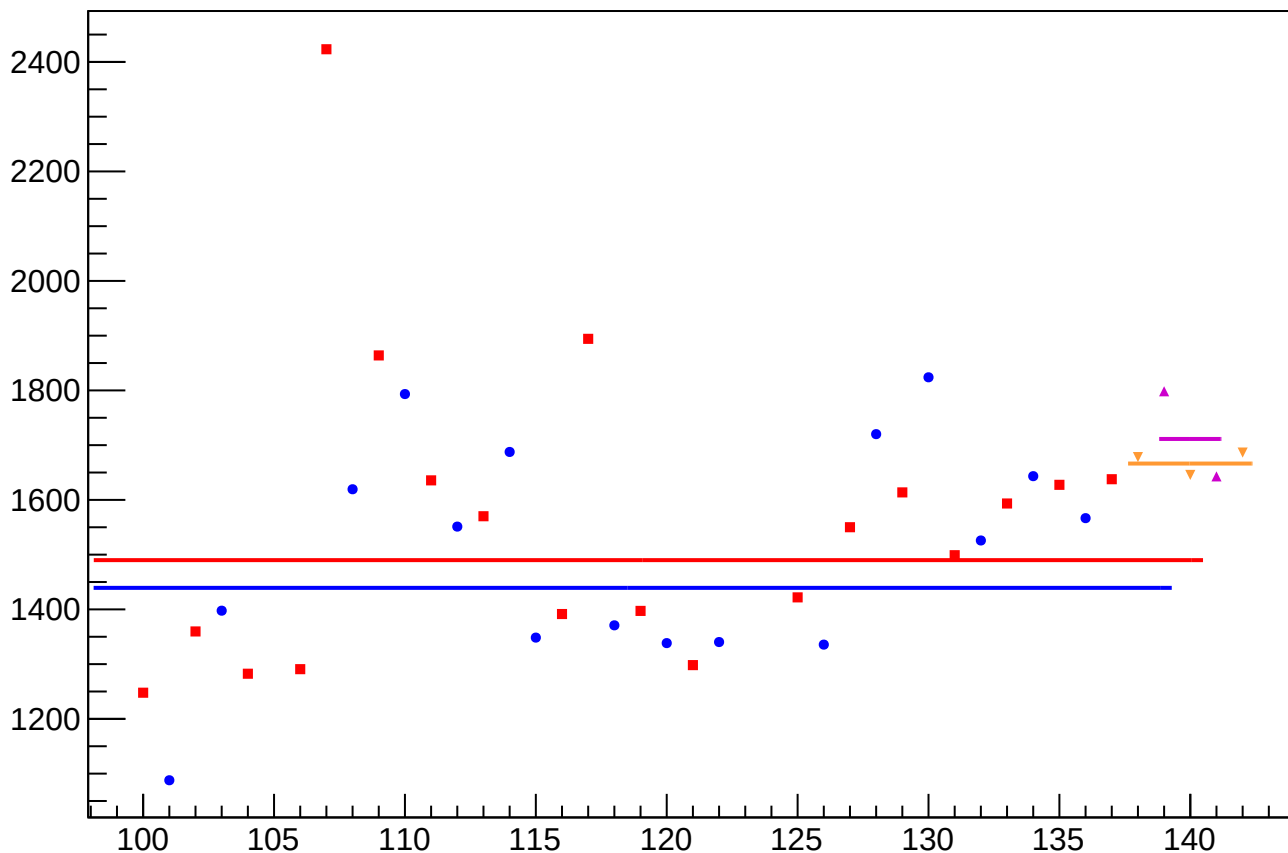
Right Out: -2394.856 ± 567.856 $\chi^2/\text{NDF}: 16.4/18$

Left In: -2519.408 ± 1341.818 $\chi^2/\text{NDF}: 0.0/1$

2233.767 ± 509.165 $\chi^2/\text{NDF}: 18.5/18$

-2413.775 ± 522.954 $\chi^2/\text{NDF}: 16.4/20$

asym_us_avg_rms vs Slug



Right In: 1439.332+/-0.398 χ^2/NDF : 277860.8/15

Left Out: 1666.396+/-0.844 χ^2/NDF : 445.7/2

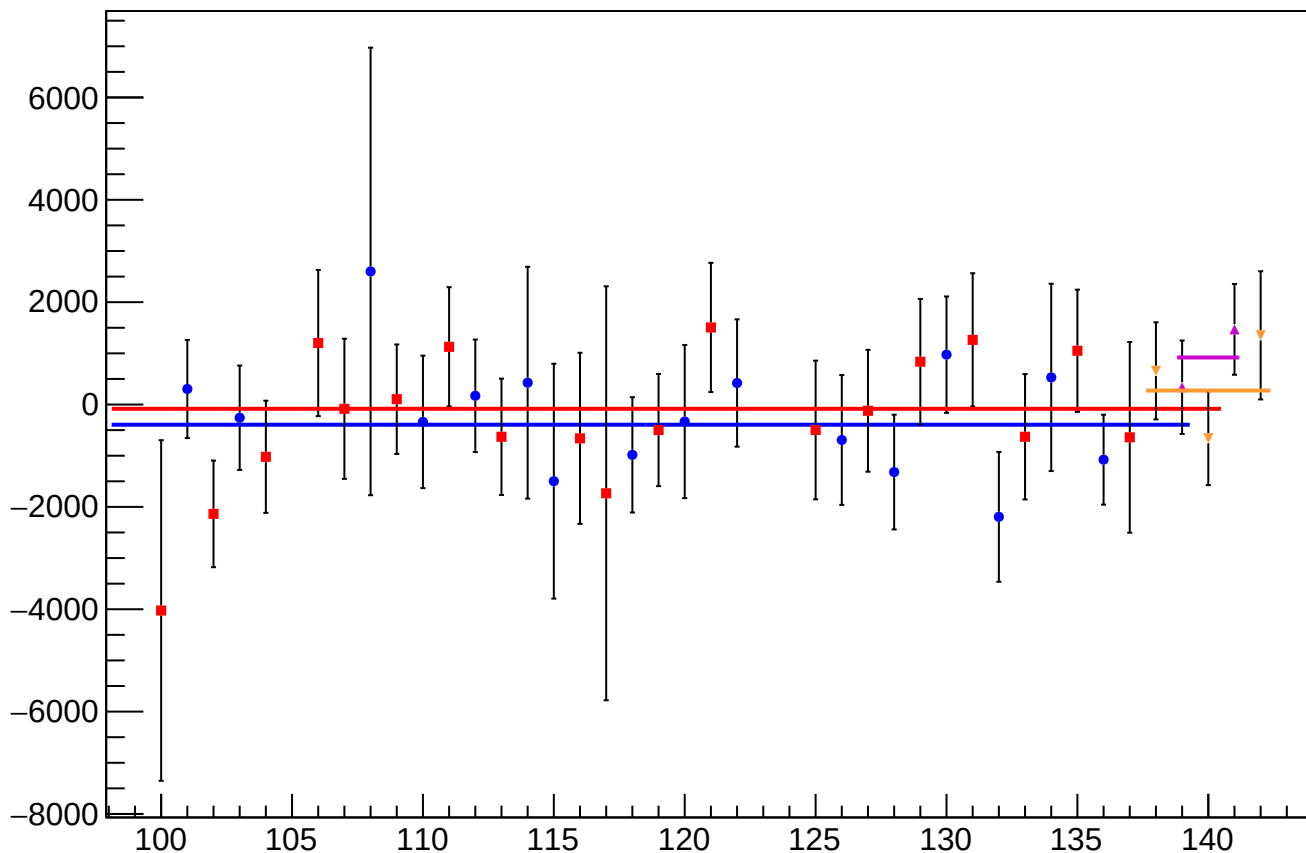
Right Out: 1489.967+/-0.402 χ^2/NDF : 260293.3/18

Left In: 1711.318+/-0.949 χ^2/NDF : 6614.0/1

1480.643+/-0.360 χ^2/NDF : 337505.0/18

1523.589+/-0.370 χ^2/NDF : 313066.6/20

dit_asym_us_dd_mean vs Slug



Right In: -394.364 ± 313.174 $\chi^2/\text{NDF}: 7.4/15$

Left Out: 273.852 ± 582.948 $\chi^2/\text{NDF}: 1.9/2$

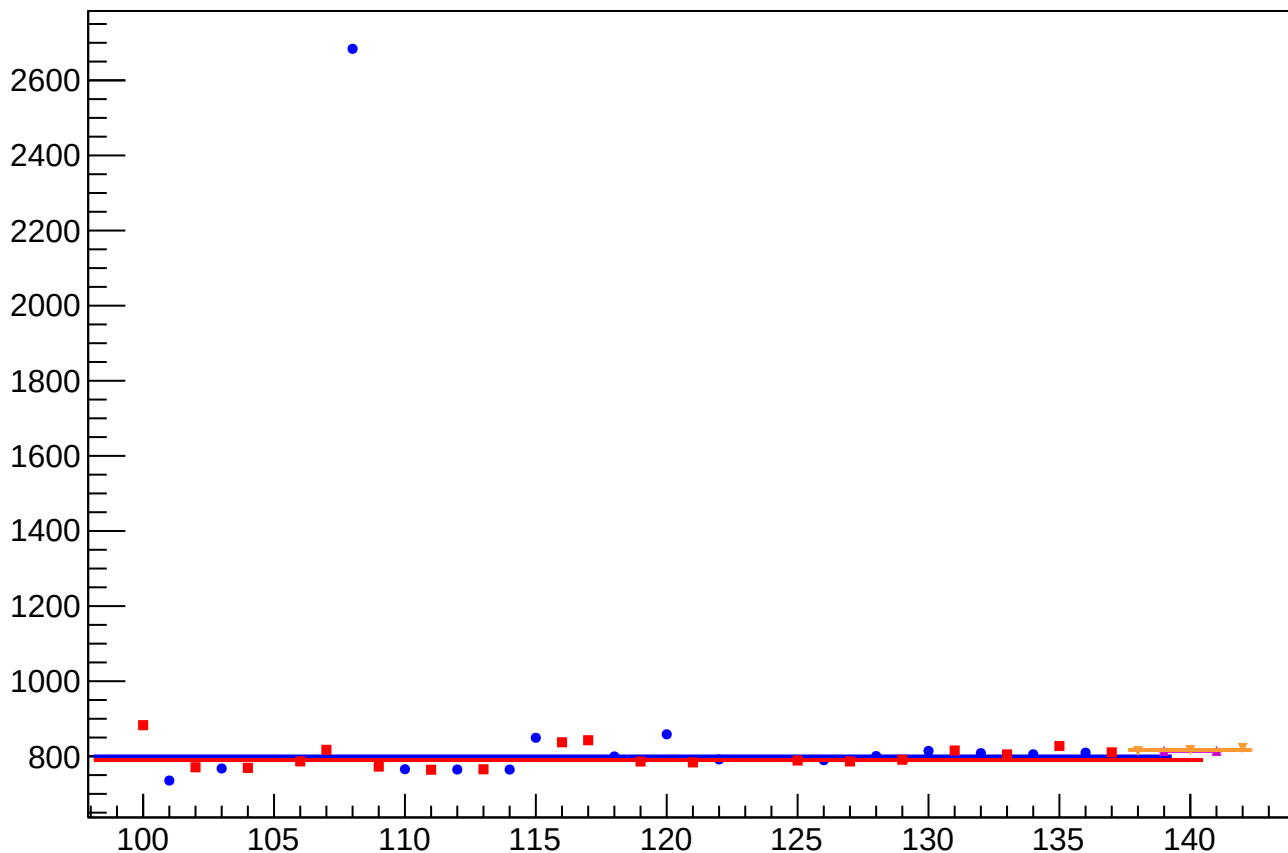
Right Out: -83.274 ± 297.589 $\chi^2/\text{NDF}: 13.1/18$

Left In: 919.614 ± 635.764 $\chi^2/\text{NDF}: 0.8/1$

-244.703 ± 275.883 $\chi^2/\text{NDF}: 10.4/18$

96.967 ± 269.524 $\chi^2/\text{NDF}: 15.9/20$

dit_asym_us_dd_rms vs Slug



Right In: 799.537 ± 0.221 χ^2/NDF : 391185.9/15

Left Out: 816.835 ± 0.412 χ^2/NDF : 57.1/2

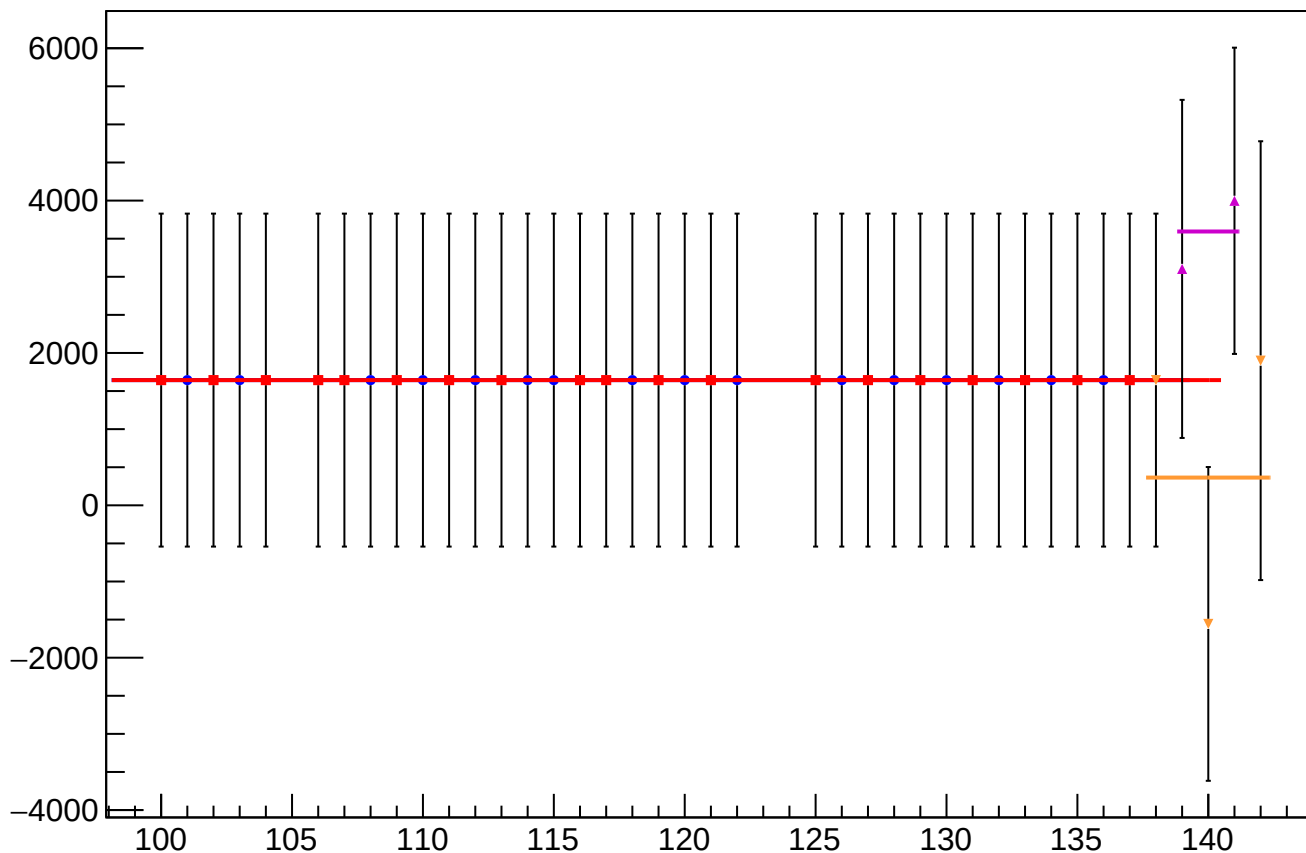
Right Out: 790.081 ± 0.210 χ^2/NDF : 11517.0/18

Left In: 814.574 ± 0.450 χ^2/NDF : 0.1/1

803.411 ± 0.195 χ^2/NDF : 392609.5/18

794.483 ± 0.191 χ^2/NDF : 13952.1/20

asym_us_dd_correction_mean vs Slug



Right In: 1643.648 $\pm$ 546.323 χ^2 /NDF: 0.0/15

Left Out: 364.223 $\pm$ 1329.483 χ^2 /NDF: 1.5/2

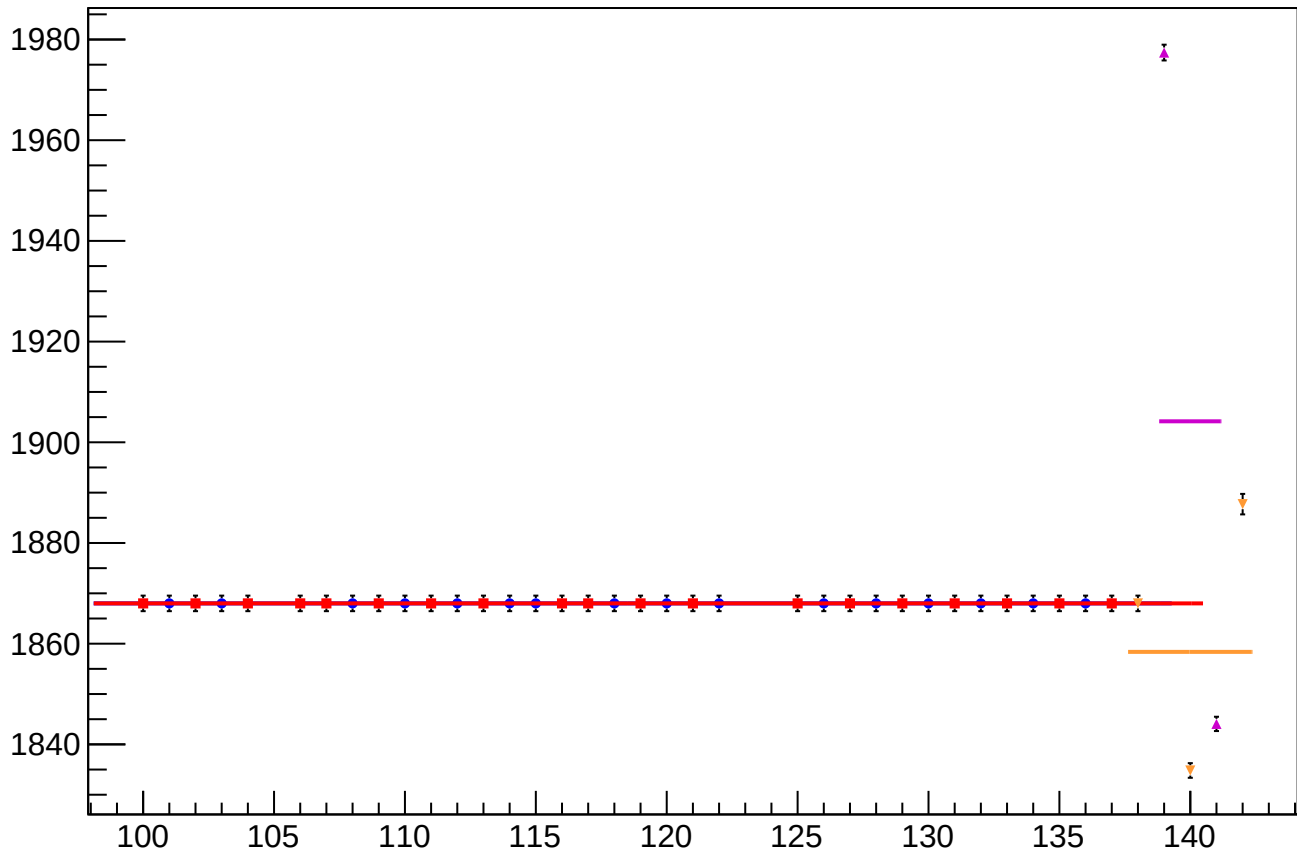
Right Out: 1643.648 $\pm$ 501.341 χ^2 /NDF: 0.0/18

Left In: 3594.316 $\pm$ 1489.678 χ^2 /NDF: 0.1/1

1458.813 $\pm$ 505.322 χ^2 /NDF: 2.3/18

1842.106 $\pm$ 475.154 χ^2 /NDF: 1.6/20

asym_us_dd_correction_rms vs Slug



Right In: 1868.002 $\pm$ 0.386 χ^2 /NDF: 0.0/15

Left Out: 1858.372 $\pm$ 0.940 χ^2 /NDF: 508.1/2

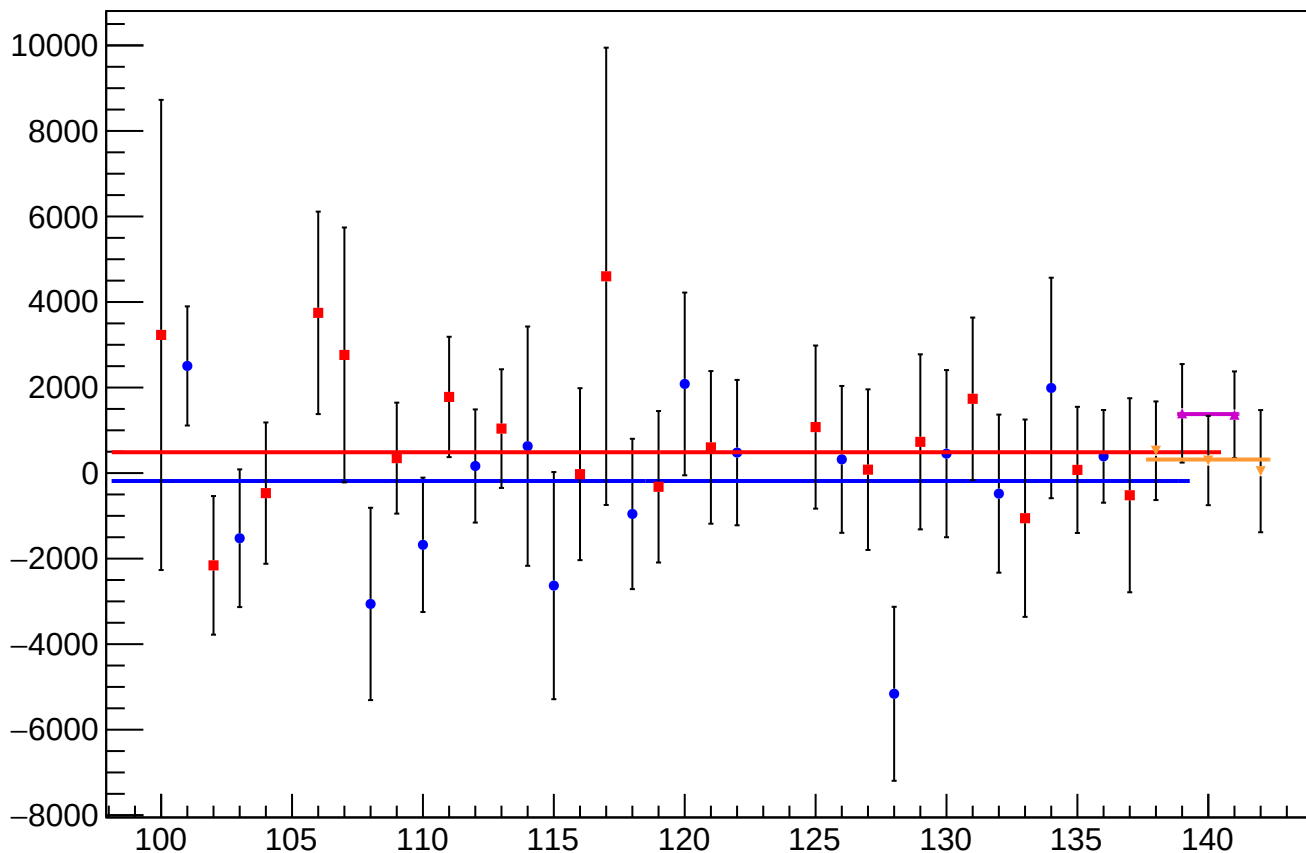
Right Out: 1868.002 $\pm$ 0.355 χ^2 /NDF: 0.0/18

Left In: 1904.167 $\pm$ 1.053 χ^2 /NDF: 3966.9/1

1866.611 $\pm$ 0.357 χ^2 /NDF: 597.9/18

1871.682 $\pm$ 0.336 χ^2 /NDF: 5025.7/20

asym_us_dd_mean vs Slug



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

Left Out: 316.821 ± 680.646 χ^2/NDF : 0.1/2

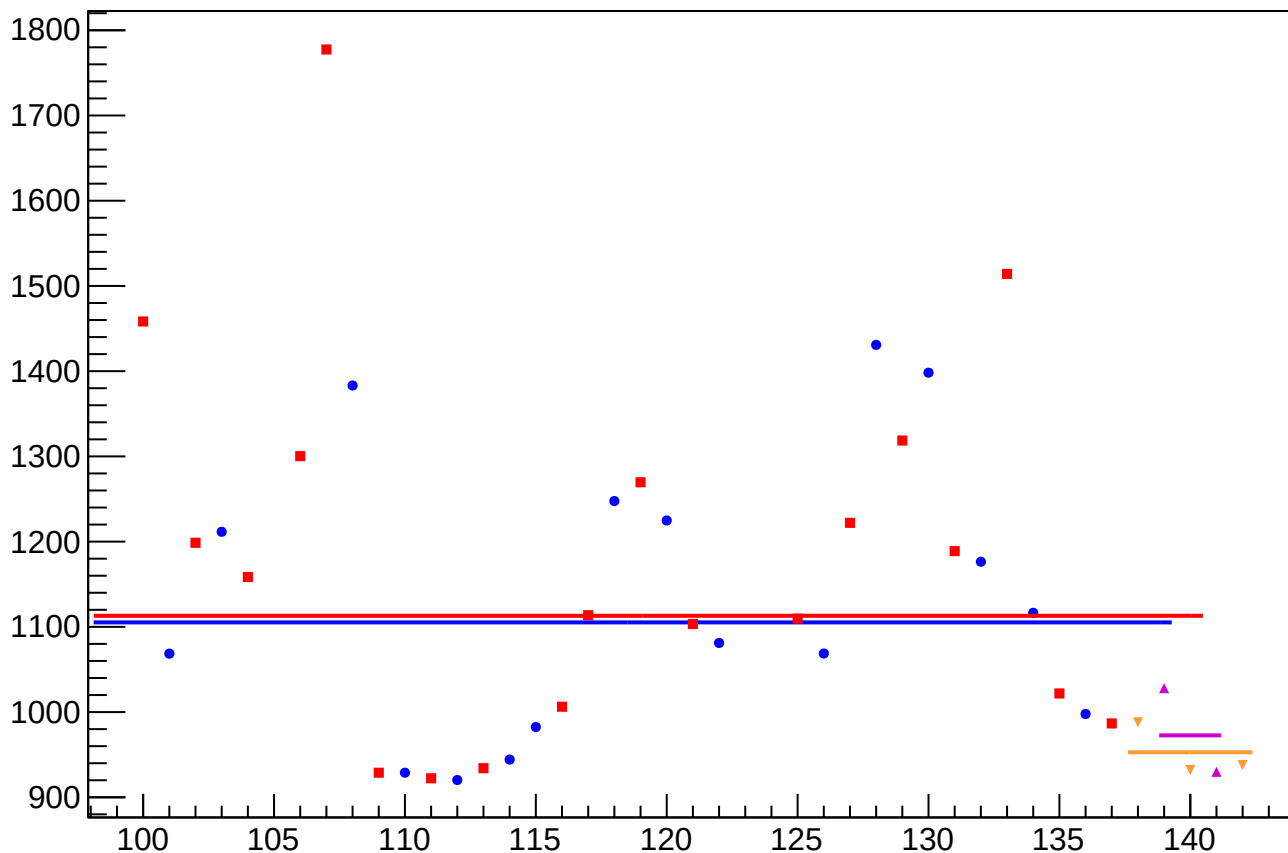
Right Out: 487.483 ± 425.566 χ^2/NDF : 8.9/18

Left In: 1379.308 ± 760.204 χ^2/NDF : 0.0/1

-41.178 ± 364.433 χ^2/NDF : 17.1/18

700.279 ± 371.340 χ^2/NDF : 10.0/20

asym_us_dd_rms vs Slug



Right In: 1105.236+/-0.305 χ^2/NDF : 255366.2/15

Left Out: 952.851+/-0.481 χ^2/NDF : 2868.7/2

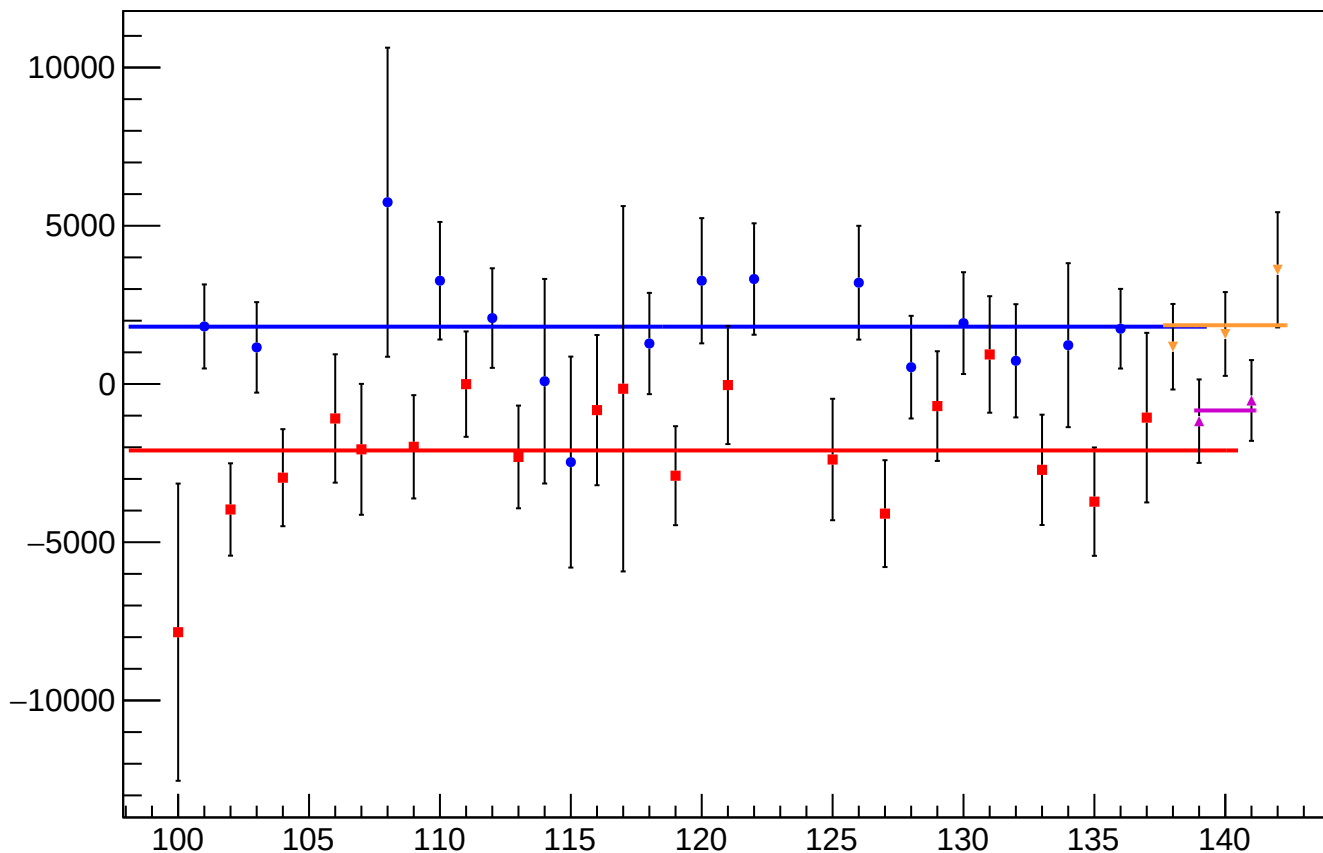
Right Out: 1112.978+/-0.301 χ^2/NDF : 362995.5/18

Left In: 972.687+/-0.538 χ^2/NDF : 8183.4/1

1061.550+/-0.258 χ^2/NDF : 329742.9/18

1079.504+/-0.263 χ^2/NDF : 423040.2/20

dit_asym_usl_mean vs Slug



Right In: 1811.054 ± 442.142 χ^2/NDF : 6.5/15

Left Out: 1855.950 ± 839.208 χ^2/NDF : 1.2/2

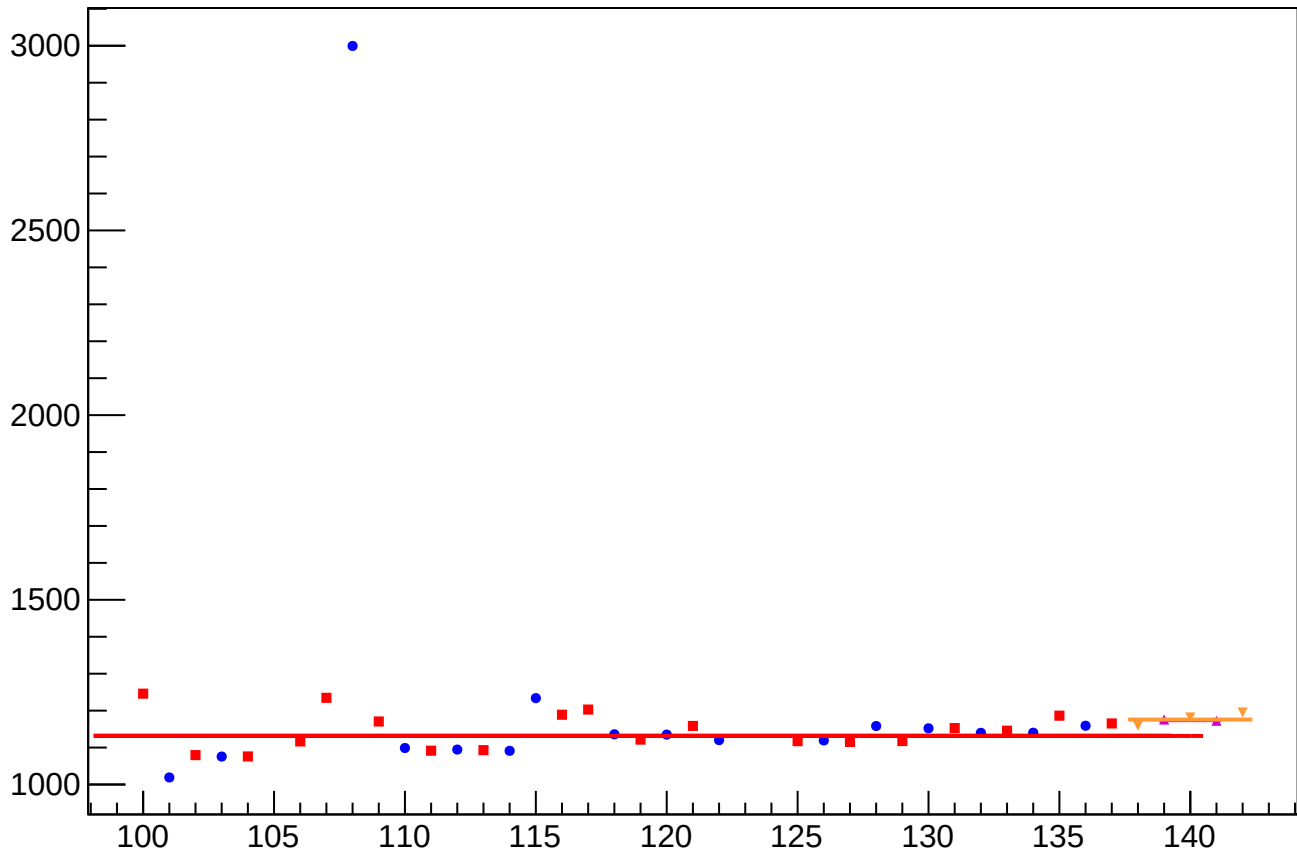
Right Out: -2100.301 ± 426.507 χ^2/NDF : 13.1/18

Left In: -836.718 ± 916.903 χ^2/NDF : 0.1/1

1820.808 ± 391.172 χ^2/NDF : 7.7/18

-1875.529 ± 386.717 χ^2/NDF : 14.8/20

dit_asym_usl_rms vs Slug



Right In: 1132.074 $\pm$ 0.313 χ^2 /NDF: 316026.3/15

Left Out: 1175.750 $\pm$ 0.593 χ^2 /NDF:563.9/2

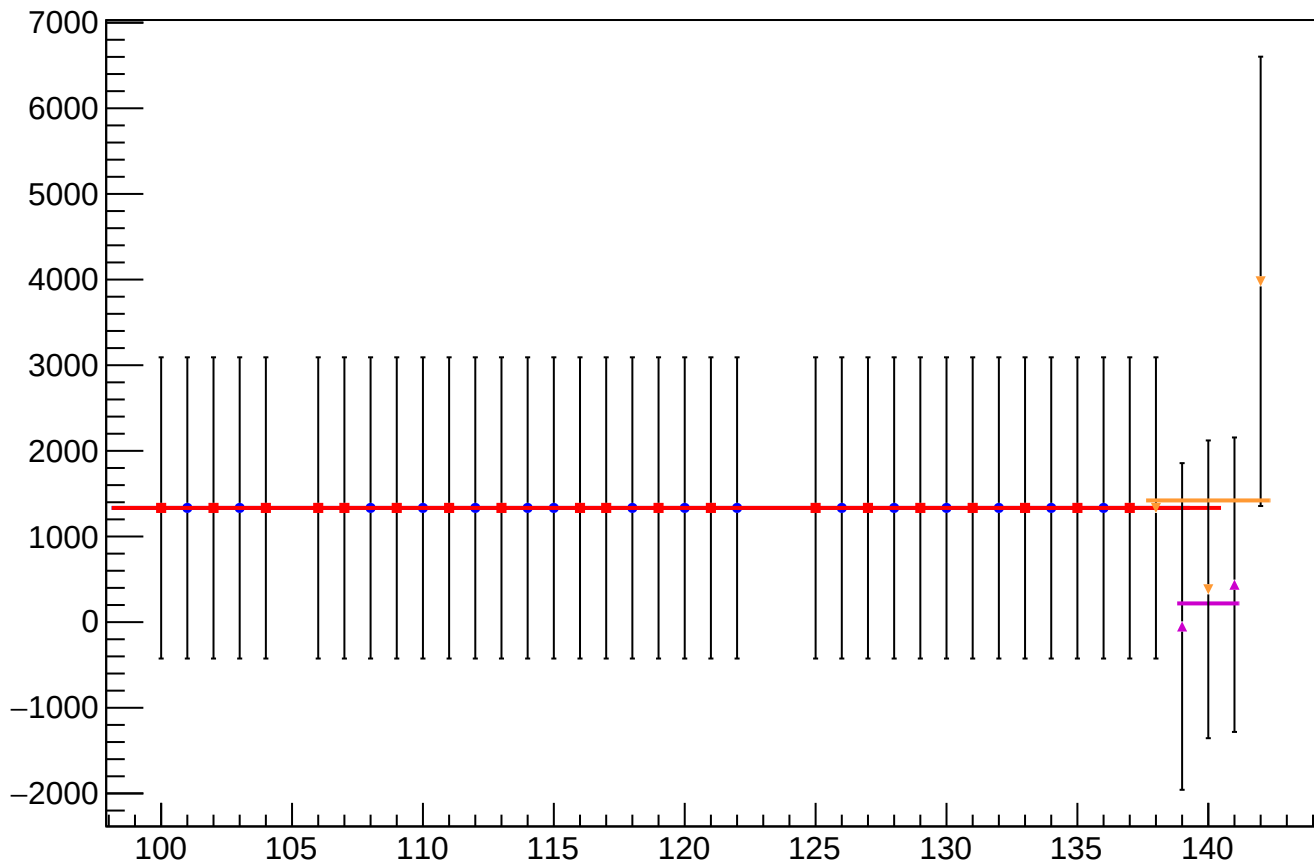
Right Out: 1131.409 $\pm$ 0.302 χ^2 /NDF: 20027.2/18

Left In: 1174.213 $\pm$ 0.648 χ^2 /NDF:6.3/1

1141.564 $\pm$ 0.277 χ^2 /NDF: 320830.3/18

1139.023 $\pm$ 0.273 χ^2 /NDF: 23616.9/20

asym_usl_correction_mean vs Slug



Right In: 1333.676 $\pm$ 439.662 χ^2/NDF : 0.0/15

Left Out: 1421.048 $\pm$ 1118.336 χ^2/NDF : 1.3/2

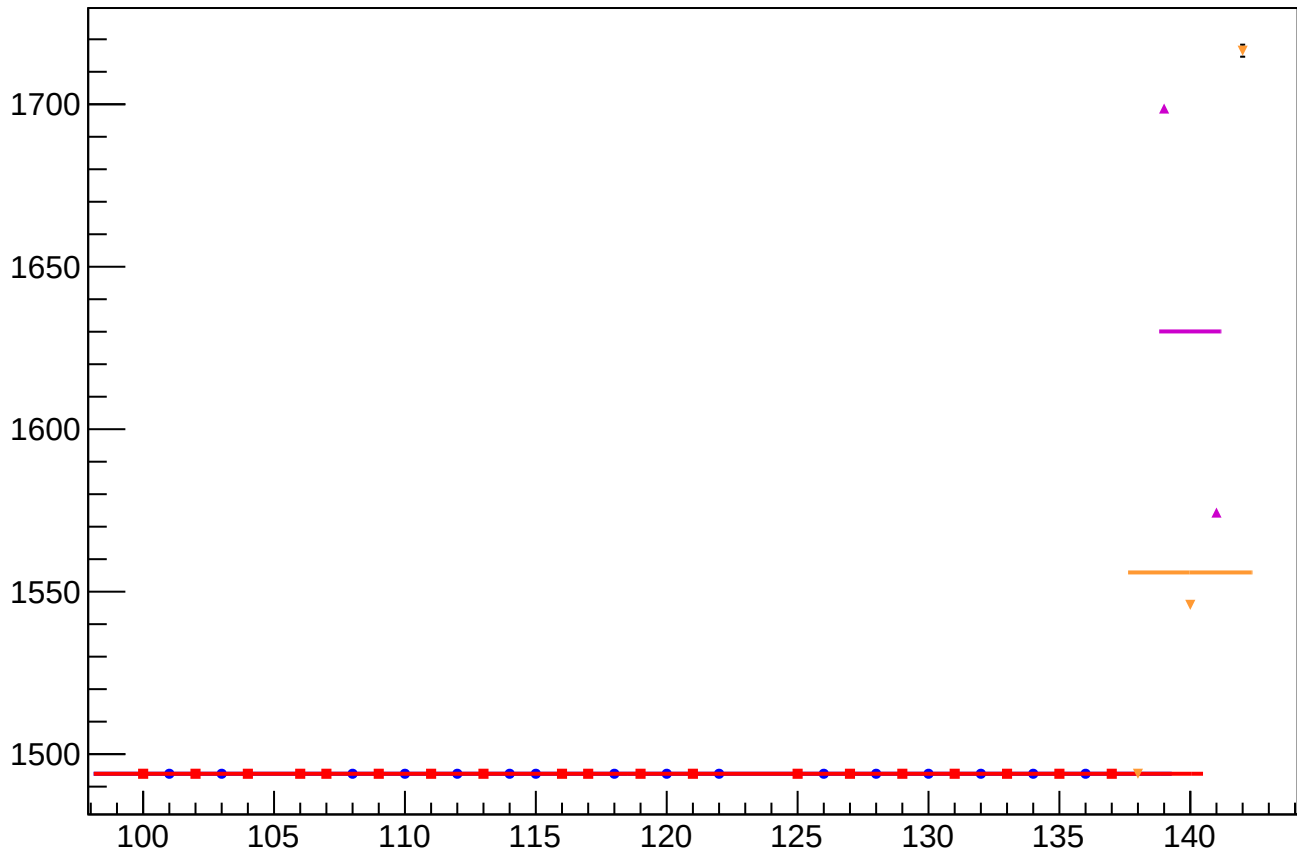
Right Out: 1333.676 $\pm$ 403.461 χ^2/NDF : 0.0/18

Left In: 218.585 $\pm$ 1276.915 χ^2/NDF : 0.0/1

1345.372 $\pm$ 409.176 χ^2/NDF : 1.3/18

1232.457 $\pm$ 384.714 χ^2/NDF : 0.7/20

asym_usl_correction_rms vs Slug



Right In: 1493.962+/-0.311 χ^2/NDF : 0.0/15

Left Out: 1555.917+/-0.791 χ^2/NDF : 10040.7/2

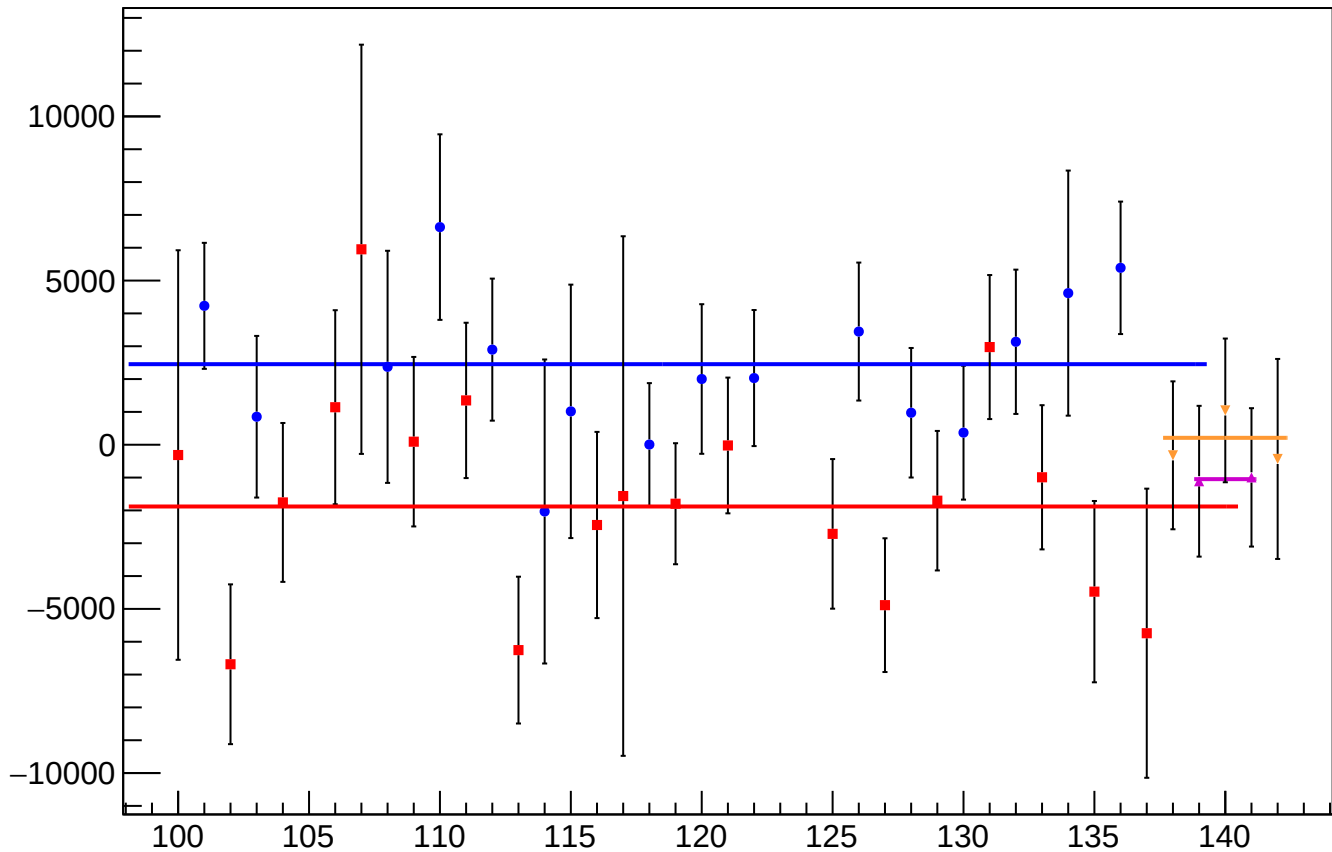
Right Out: 1493.962+/-0.285 χ^2/NDF : 0.0/18

Left In: 1630.088+/-0.903 χ^2/NDF : 4690.9/1

1502.256+/-0.289 χ^2/NDF : 15357.1/18

1506.318+/-0.272 χ^2/NDF : 25357.1/20

asym_usl_mean vs Slug



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

Left Out: 210.492 ± 1395.362 χ^2/NDF : 0.2/2

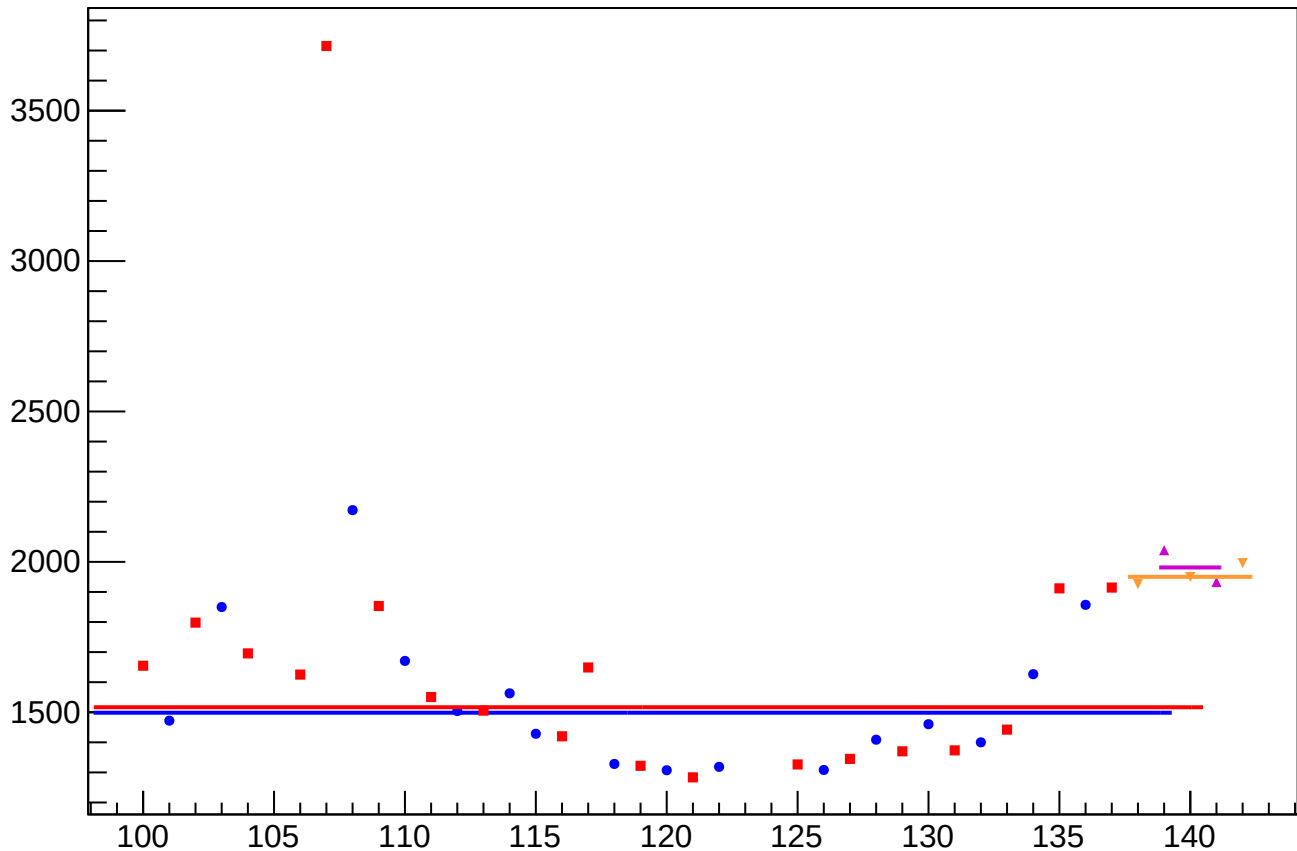
Right Out: -1881.026 ± 581.611 χ^2/NDF : 22.8/18

Left In: -1047.914 ± 1552.673 χ^2/NDF : 0.0/1

2119.010 ± 538.961 χ^2/NDF : 13.2/18

-1778.512 ± 544.653 χ^2/NDF : 23.0/20

asym_usl_rms vs Slug



Right In: 1498.485 $\pm$ 0.413 χ^2 /NDF: 258807.5/15

Left Out: 1950.273 $\pm$ 0.987 χ^2 /NDF: 678.9/2

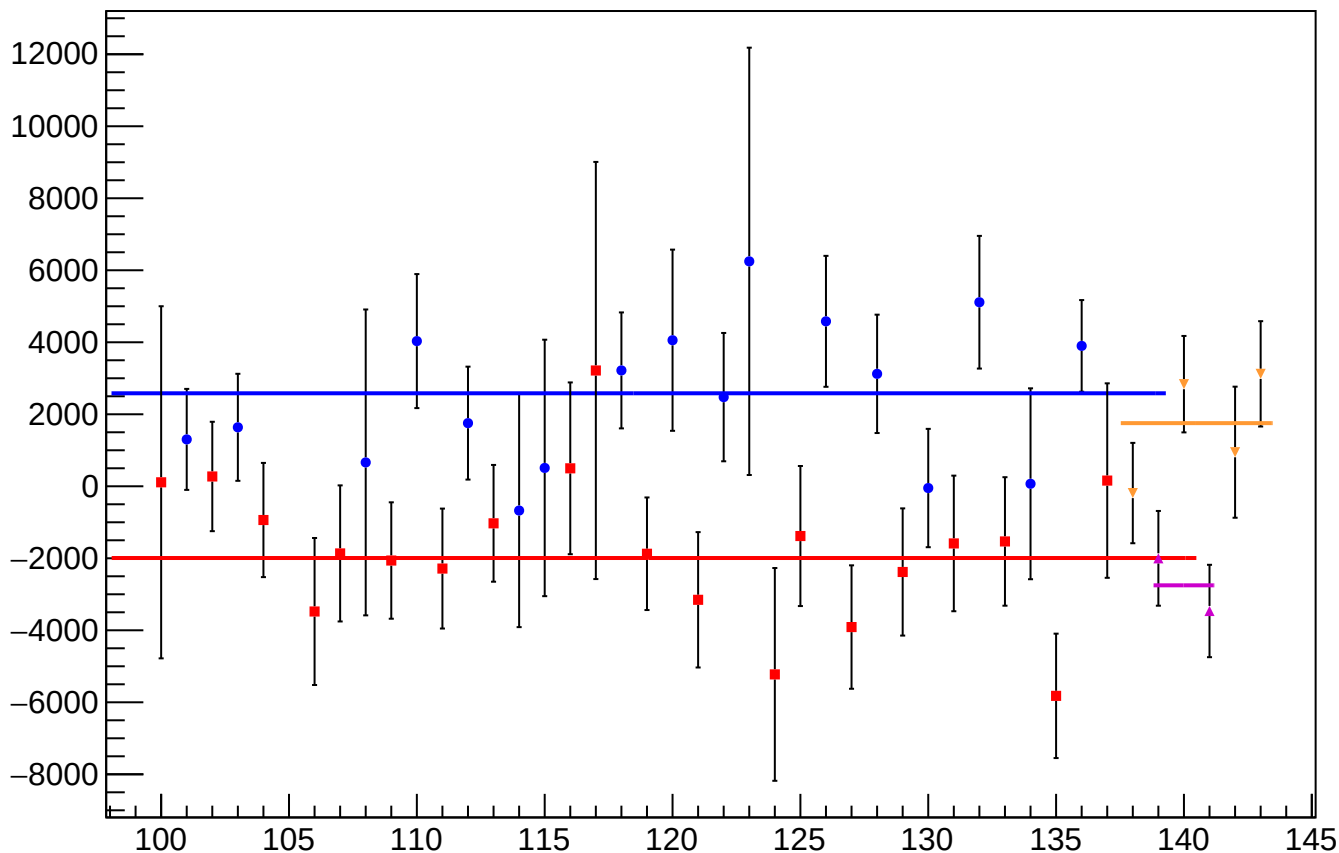
Right Out: 1516.667 $\pm$ 0.411 χ^2 /NDF: 481102.8/18

Left In: 1981.406 $\pm$ 1.098 χ^2 /NDF: 2294.5/1

1565.887 $\pm$ 0.381 χ^2 /NDF: 437871.7/18

1573.853 $\pm$ 0.385 χ^2 /NDF: 640529.0/20

dit_asym_usr_mean vs Slug



Right In: 2582.988+/-453.193 χ^2/NDF : 12.3/16

Left Out: 1753.845+/-736.935 χ^2/NDF : 3.7/3

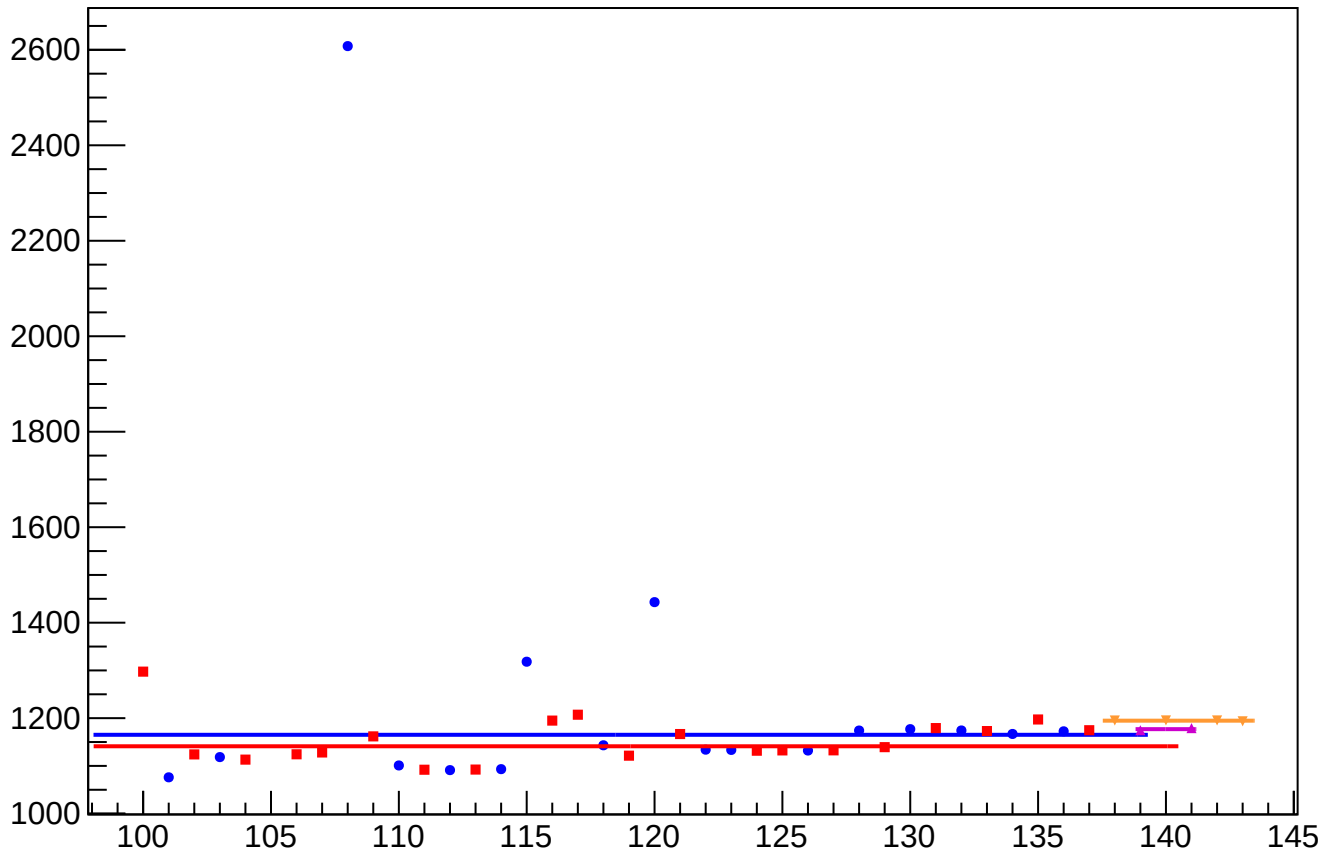
Right Out: -1992.471+/-425.603 χ^2/NDF : 14.3/19

Left In: -2751.120+/-918.642 χ^2/NDF : 0.6/1

2355.463+/-386.037 χ^2/NDF : 16.9/20

-2126.534+/-386.171 χ^2/NDF : 15.5/21

dit_asym_usr_rms vs Slug



Right In: 1165.146 $\pm$ 0.320 χ^2 /NDF: 278570.1/16

Left Out: 1194.740 $\pm$ 0.521 χ^2 /NDF:2.3/3

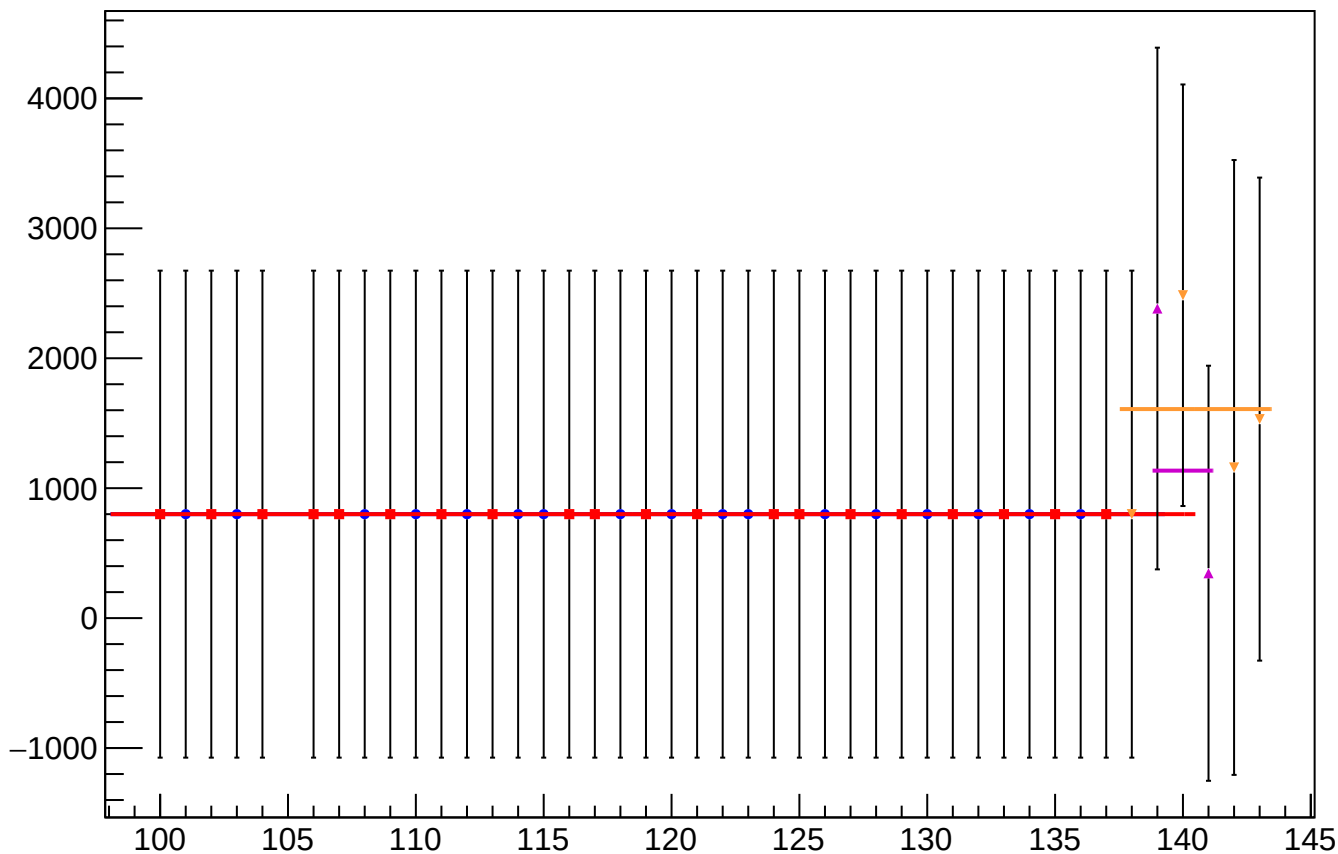
Right Out: 1141.111 $\pm$ 0.301 χ^2 /NDF: 12979.5/19

Left In: 1176.982 $\pm$ 0.650 χ^2 /NDF:11.8/1

1173.267 $\pm$ 0.273 χ^2 /NDF: 280912.7/20

1147.450 $\pm$ 0.273 χ^2 /NDF: 15502.0/21

asym_usr_correction_mean vs Slug



Right In: 800.138+/-454.520 χ^2/NDF : 0.0/16

Left Out: 1608.845+/-939.582 χ^2/NDF : 0.5/3

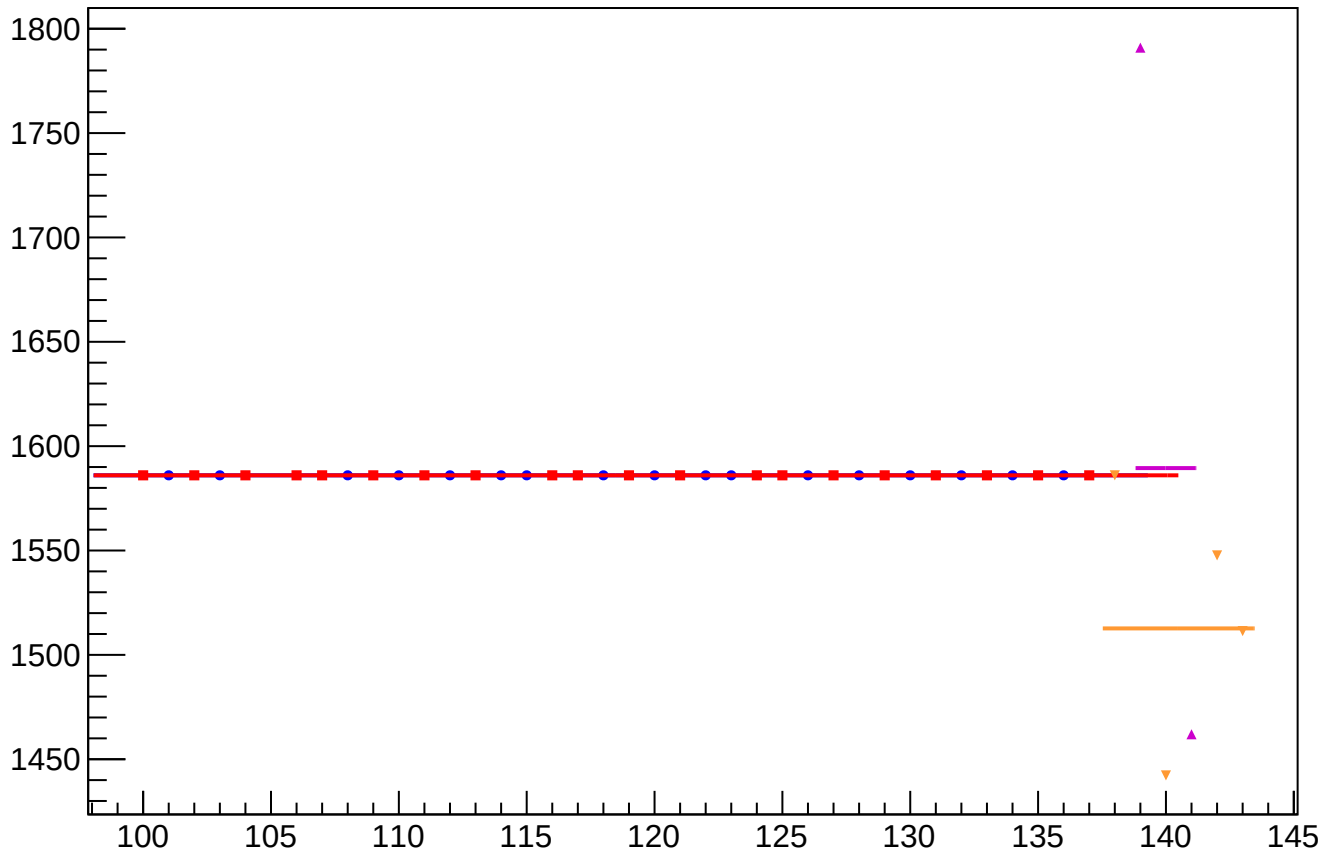
Right Out: 800.138+/-419.047 χ^2/NDF : 0.0/19

Left In: 1135.038+/-1249.983 χ^2/NDF : 0.6/1

953.497+/-409.160 χ^2/NDF : 1.1/20

833.973+/-397.315 χ^2/NDF : 0.7/21

asym_usr_correction_rms vs Slug



Right In: 1586.027+/-0.321 χ^2 /NDF: 0.0/16

Left Out: 1512.677+/-0.664 χ^2 /NDF: 7271.5/3

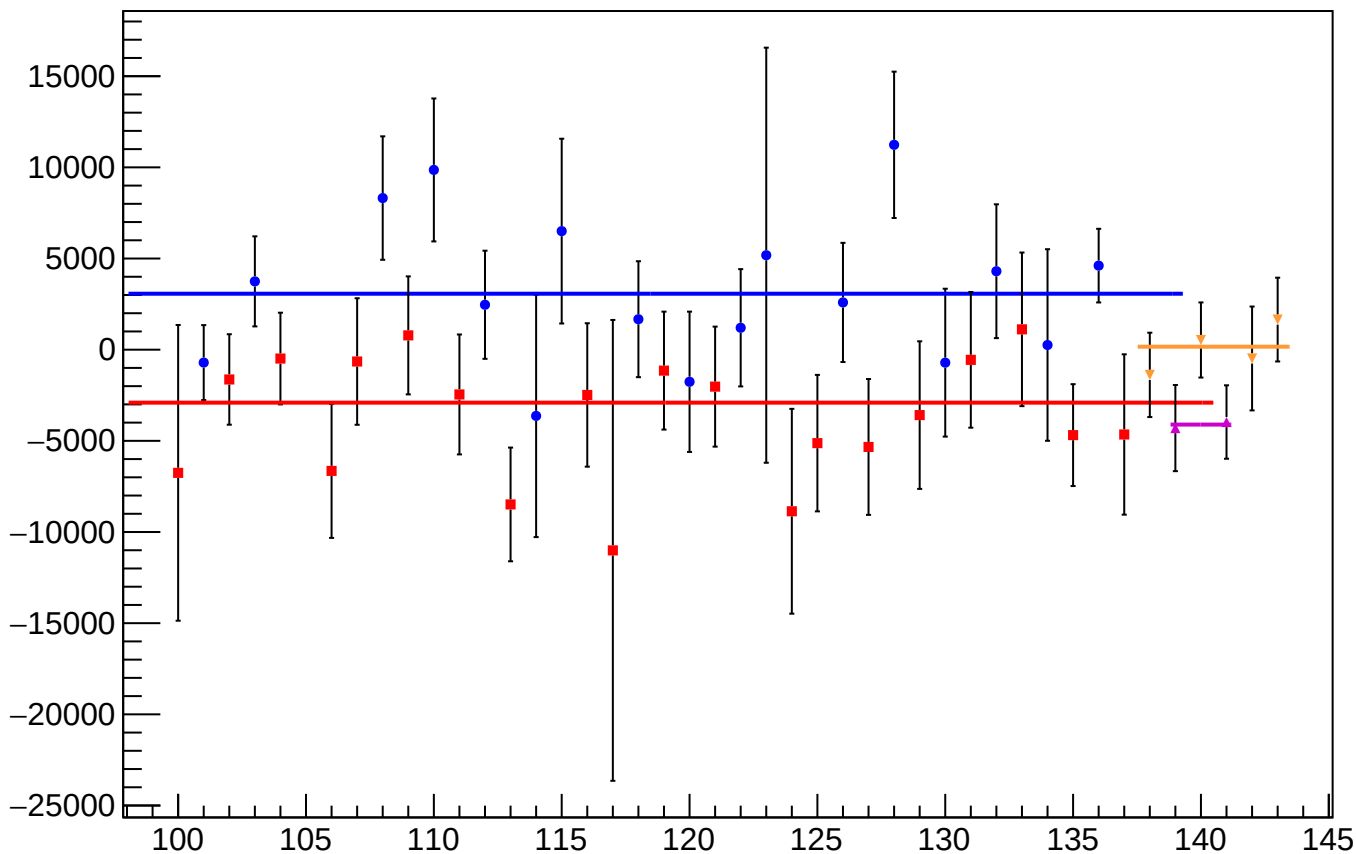
Right Out: 1586.027+/-0.296 χ^2 /NDF: 0.0/19

Left In: 1589.488+/-0.884 χ^2 /NDF: 32885.6/1

1572.117+/-0.289 χ^2 /NDF: 17148.8/20

1586.376+/-0.281 χ^2 /NDF: 32899.4/21

asym_usr_mean vs Slug



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

Left Out: 163.892+/-1166.364 χ^2 /NDF: 0.9/3

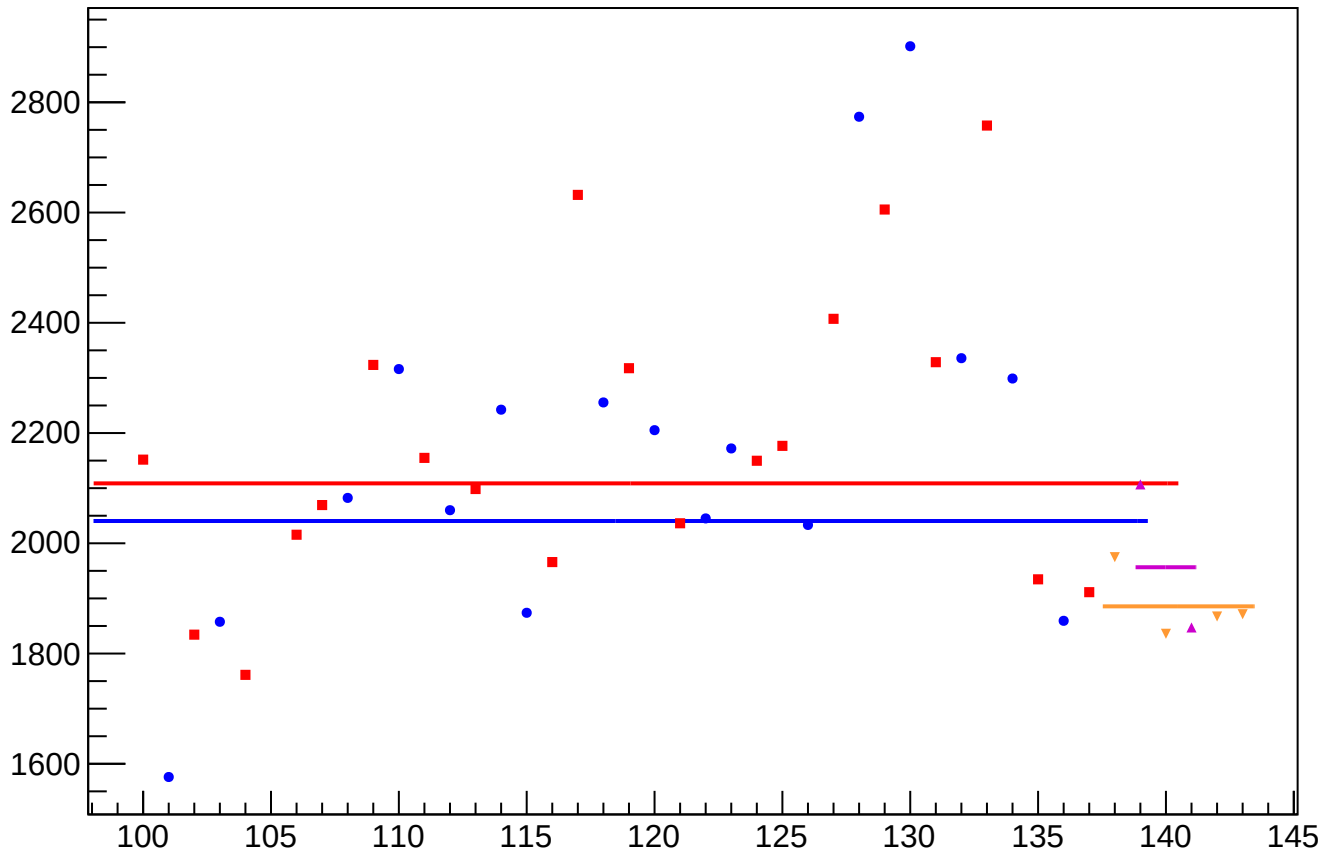
Right Out: -2904.708+/-793.782 χ^2 /NDF: 12.0/19

Left In: -4107.605+/-1532.570 χ^2 /NDF: 0.0/1

2143.455+/-658.460 χ^2 /NDF: 23.7/20

-3159.145+/-704.850 χ^2 /NDF: 12.5/21

asym_usr_rms vs Slug



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

Left Out: 1885.591+/-0.825 χ^2/NDF : 4301.6/3

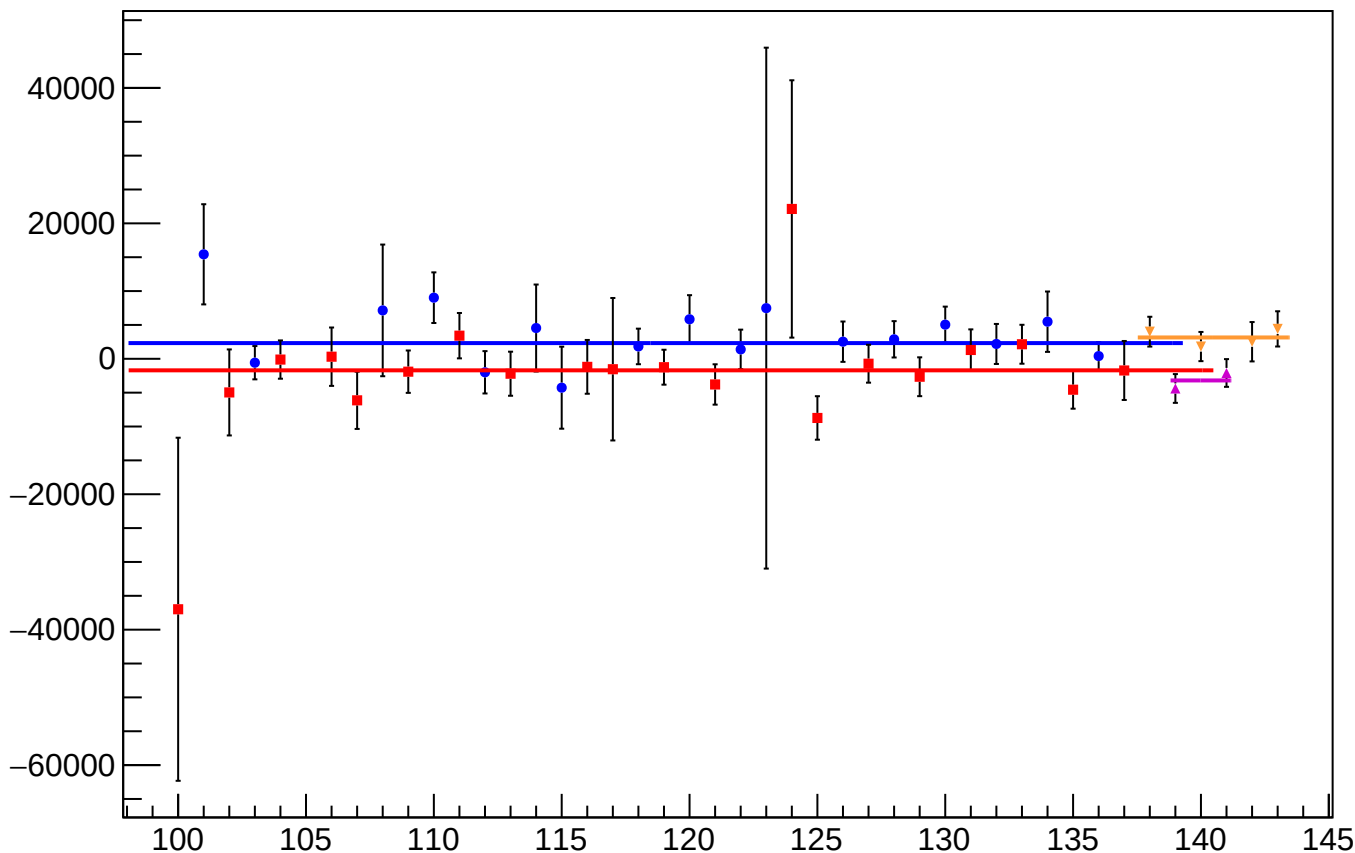
Right Out: 2108.696+/-0.561 χ^2/NDF : 198858.0/19

Left In: 1956.558+/-1.084 χ^2/NDF : 13977.9/1

1991.084+/-0.466 χ^2/NDF : 359656.2/20

2076.516+/-0.498 χ^2/NDF : 228376.2/21

dit_asym_at1_avg_mean vs Slug



Right In: 2319.038+/-801.440 χ^2/NDF : 14.8/16

Left Out: 3150.527+/-1205.932 χ^2/NDF : 0.8/3

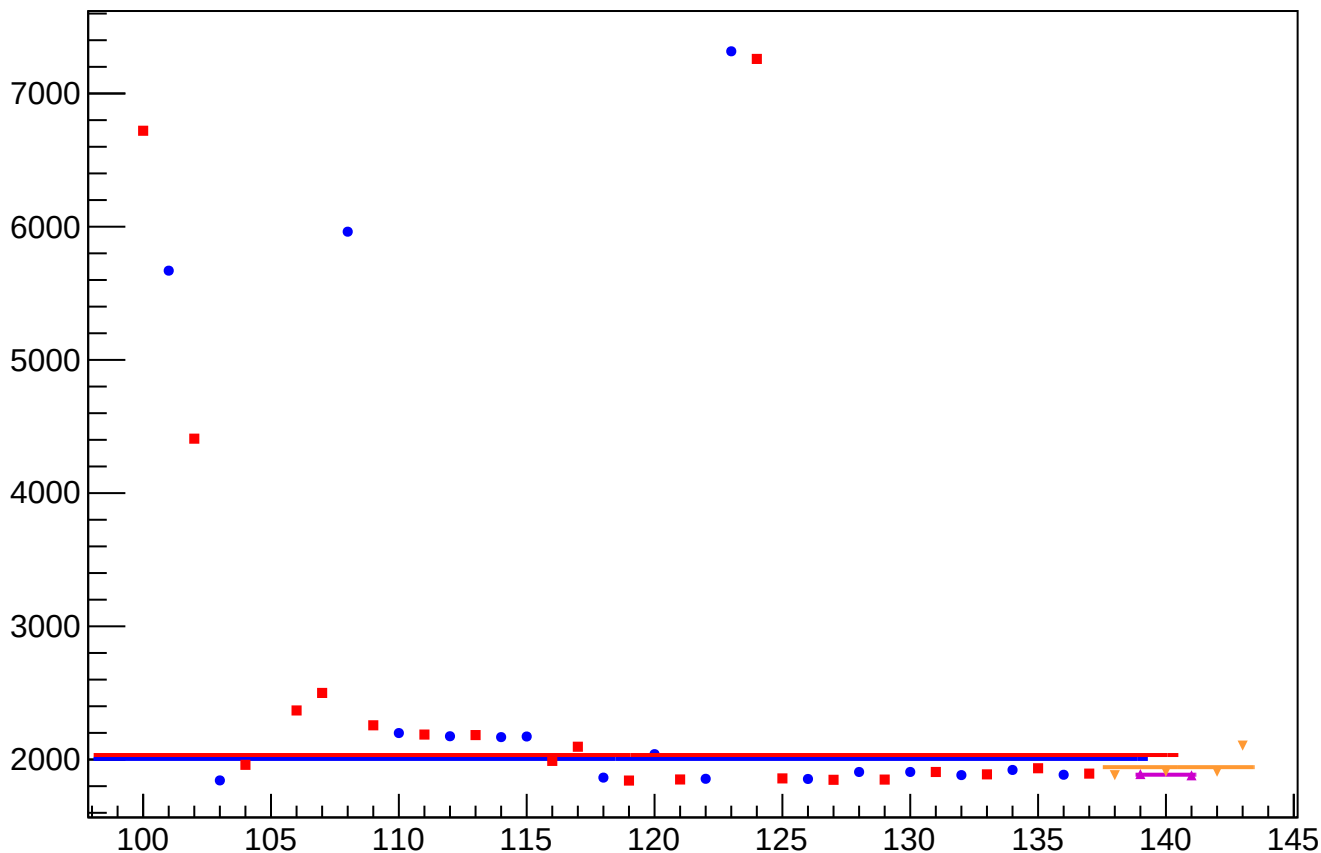
Right Out: -1704.595+/-780.689 χ^2/NDF : 17.2/19

Left In: -3196.500+/-1473.917 χ^2/NDF : 0.6/1

2573.772+/-667.480 χ^2/NDF : 16.0/20

-2031.450+/-689.890 χ^2/NDF : 18.6/21

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1942.799+/-0.853 χ^2/NDF :10008.4/3

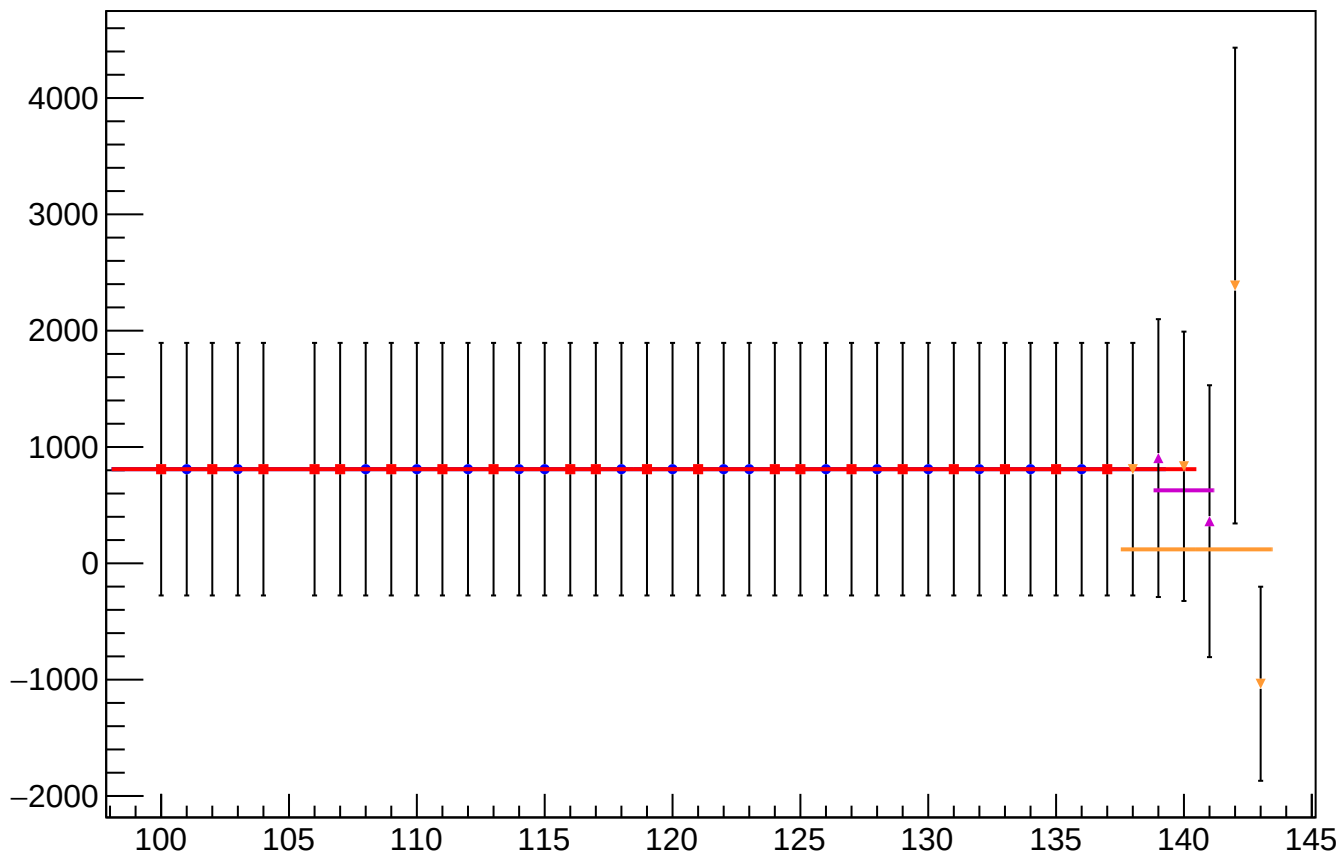
Right Out: 2033.835+/-0.552 χ^2/NDF : 611080.3/19

Left In: 1886.053+/-1.042 χ^2/NDF :20.5/1

1985.632+/-0.472 χ^2/NDF : 929659.5/20

2001.458+/-0.488 χ^2/NDF : 626802.0/21

asym_at1_avg_correction_mean vs Slug



Right In: 809.345 $\pm$ 263.303 χ^2 /NDF: 0.0/16

Left Out: 120.047 $\pm$ 552.954 χ^2 /NDF:3.9/3

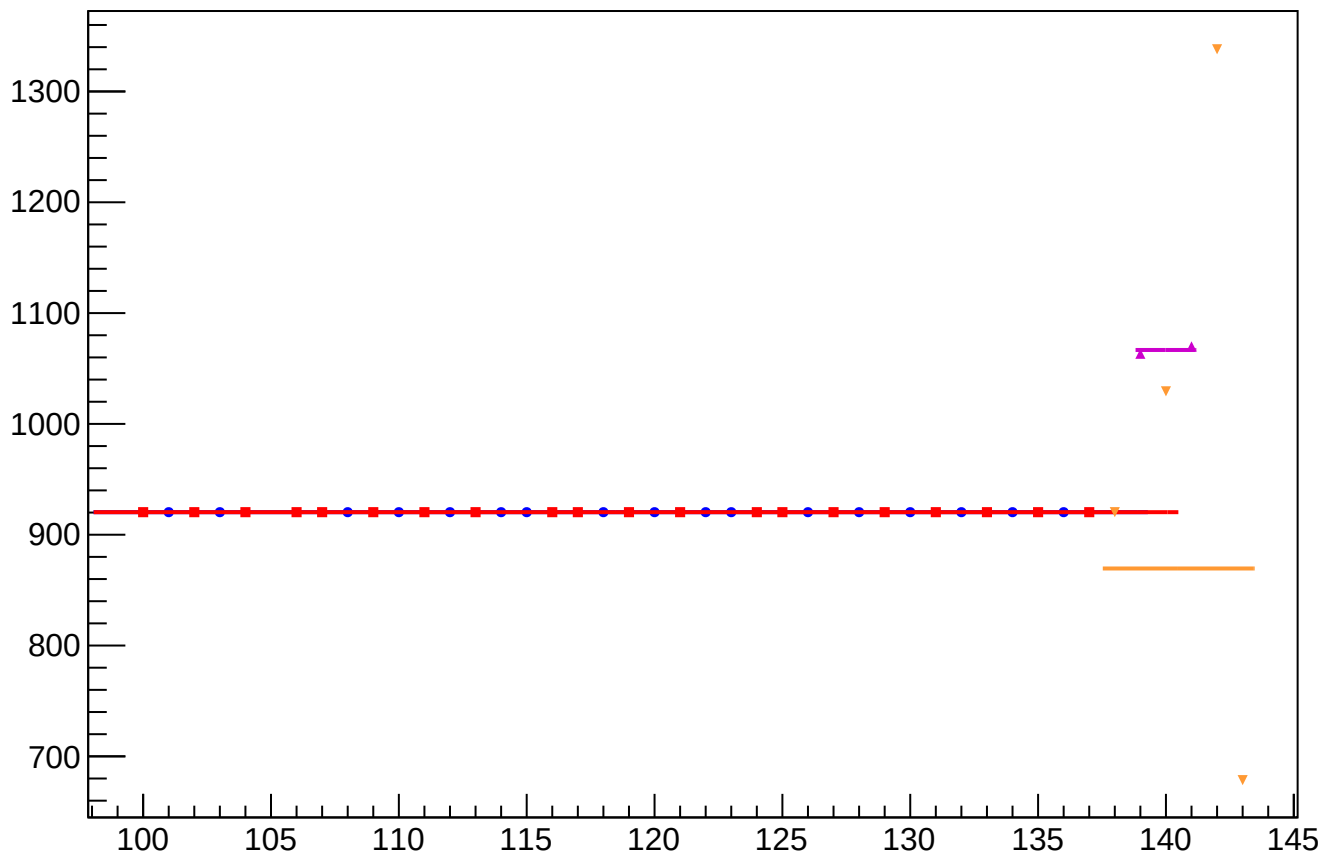
Right Out: 809.345 $\pm$ 242.753 χ^2 /NDF: 0.0/19

Left In: 627.555 $\pm$ 835.279 χ^2 /NDF:0.1/1

681.939 $\pm$ 237.727 χ^2 /NDF: 5.2/20

795.186 $\pm$ 233.108 χ^2 /NDF: 0.1/21

asym_at1_avg_correction_rms vs Slug



Right In: 920.346 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: 869.527 $\pm$ 0.391 χ^2 /NDF:252343.6/3

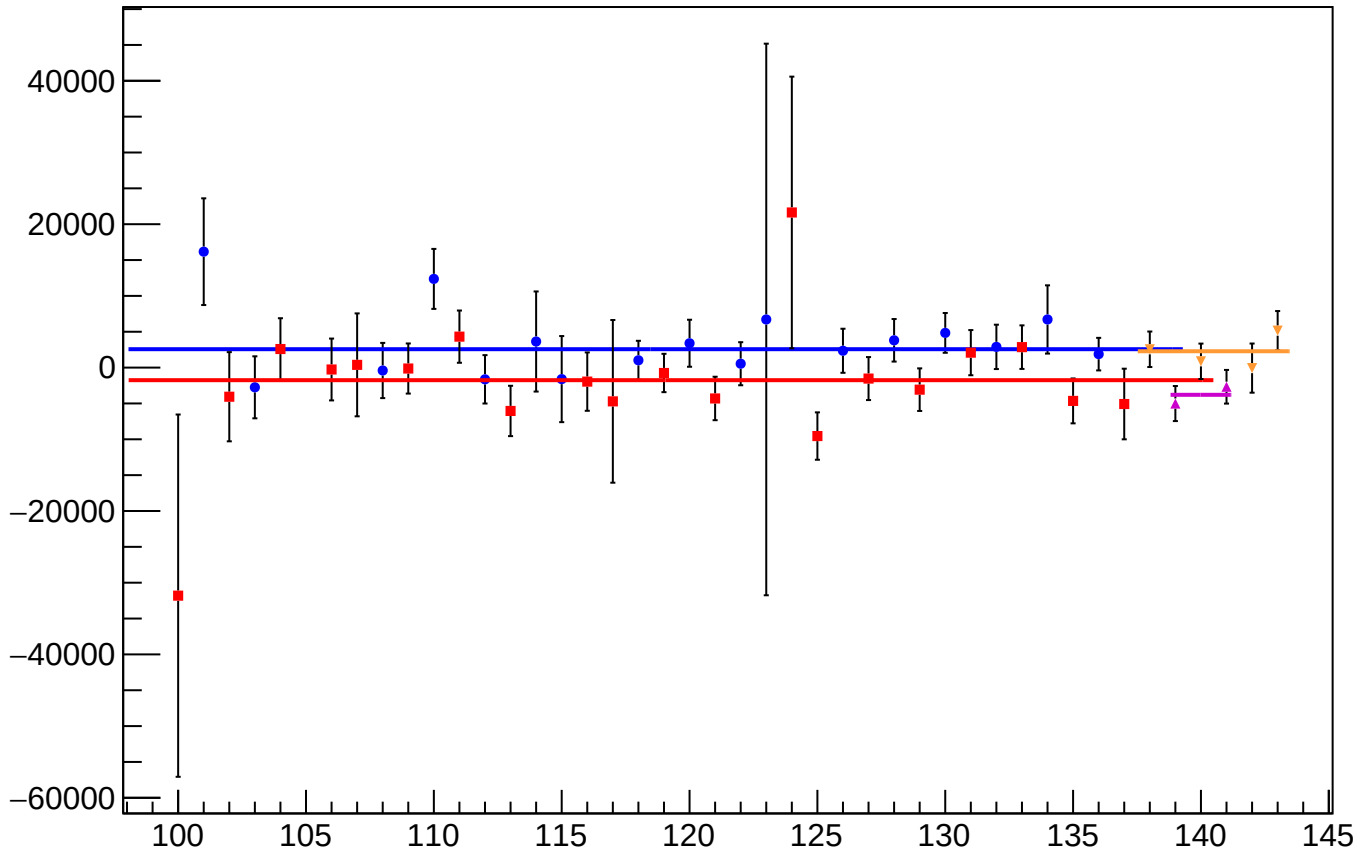
Right Out: 920.346 $\pm$ 0.172 χ^2 /NDF: 0.0/19

Left In: 1066.719 $\pm$ 0.591 χ^2 /NDF:32.2/1

910.953 $\pm$ 0.168 χ^2 /NDF: 266114.4/20

931.747 $\pm$ 0.165 χ^2 /NDF: 56665.7/21

asym_at1_avg_mean vs Slug



Right In: 2566.797+/-856.089 χ^2/NDF : 15.6/16

Left Out: 2279.344+/-1353.190 χ^2/NDF : 1.9/3

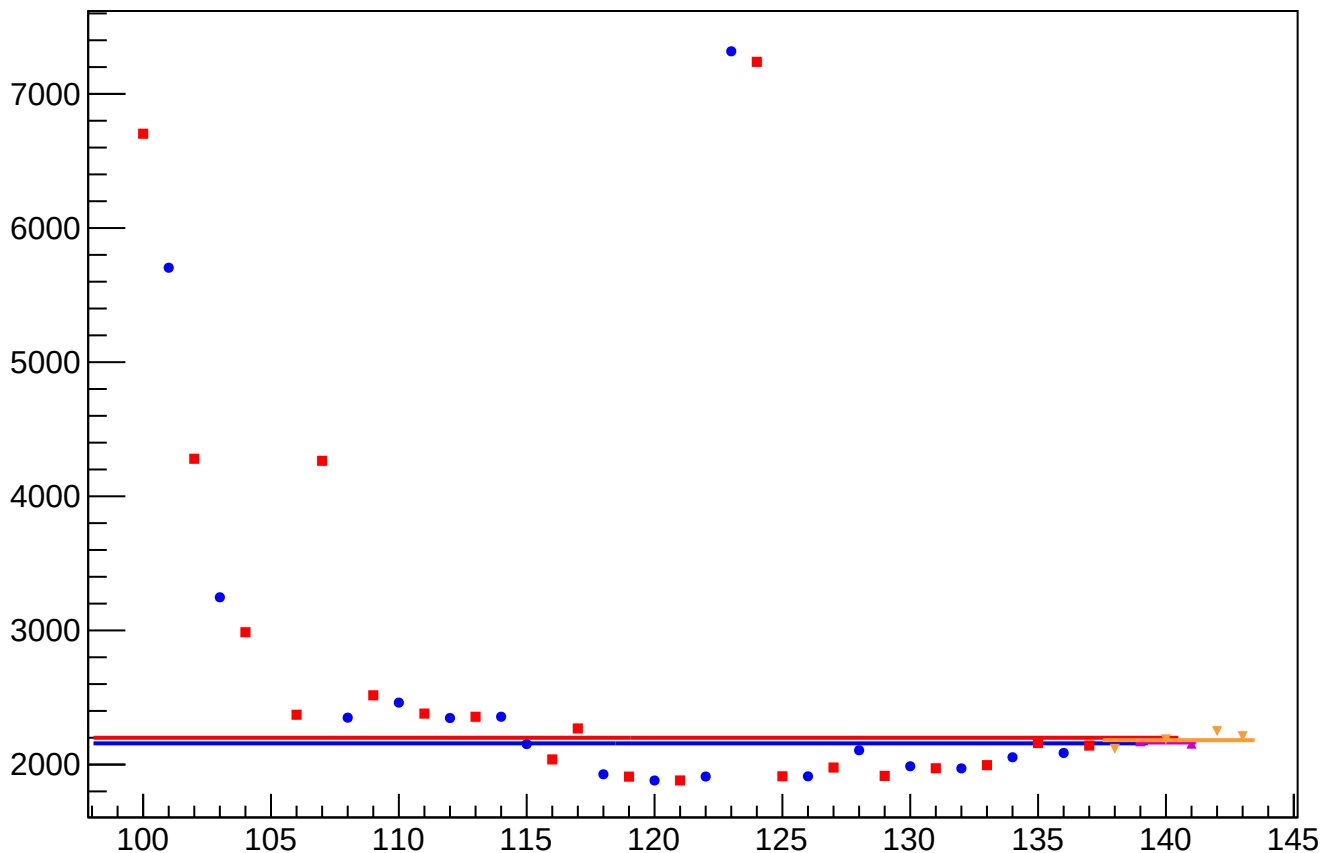
Right Out: -1754.395+/-850.779 χ^2/NDF : 20.6/19

Left In: -3795.944+/-1692.977 χ^2/NDF : 0.5/1

2484.632+/-723.465 χ^2/NDF : 17.5/20

-2166.017+/-760.188 χ^2/NDF : 22.2/21

asym_at1_avg_rms vs Slug



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

Left Out: 2181.985 $\pm$ 0.957 χ^2 /NDF: 2364.6/3

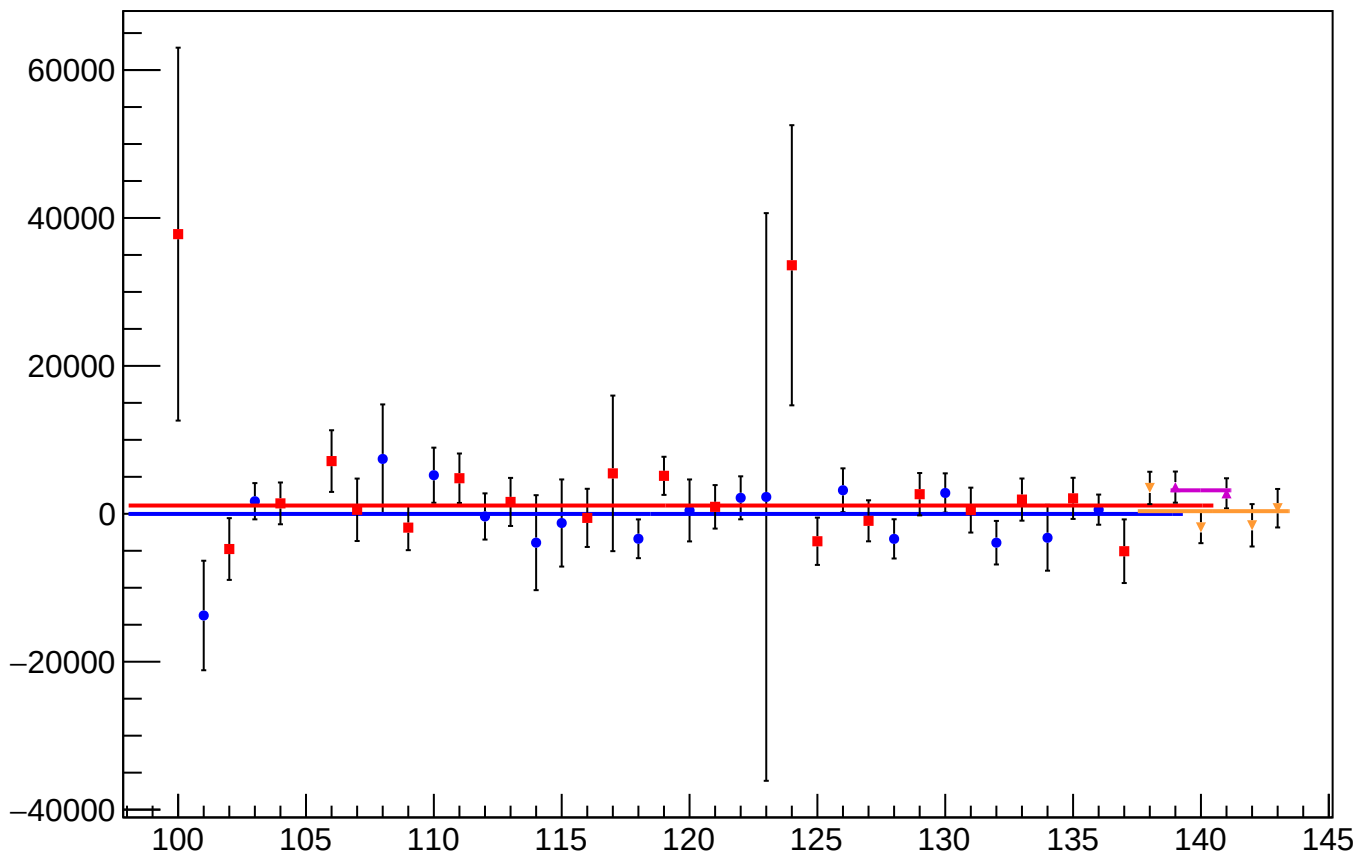
Right Out: 2199.736 $\pm$ 0.602 χ^2 /NDF: 803097.4/19

Left In: 2164.424 $\pm$ 1.197 χ^2 /NDF: 52.7/1

2164.962 $\pm$ 0.512 χ^2 /NDF: 716670.0/20

2192.616 $\pm$ 0.538 χ^2 /NDF: 803844.8/21

dit_asym_at1_dd_mean vs Slug



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

Left Out: 356.374 ± 1196.768 χ^2/NDF : 3.6/3

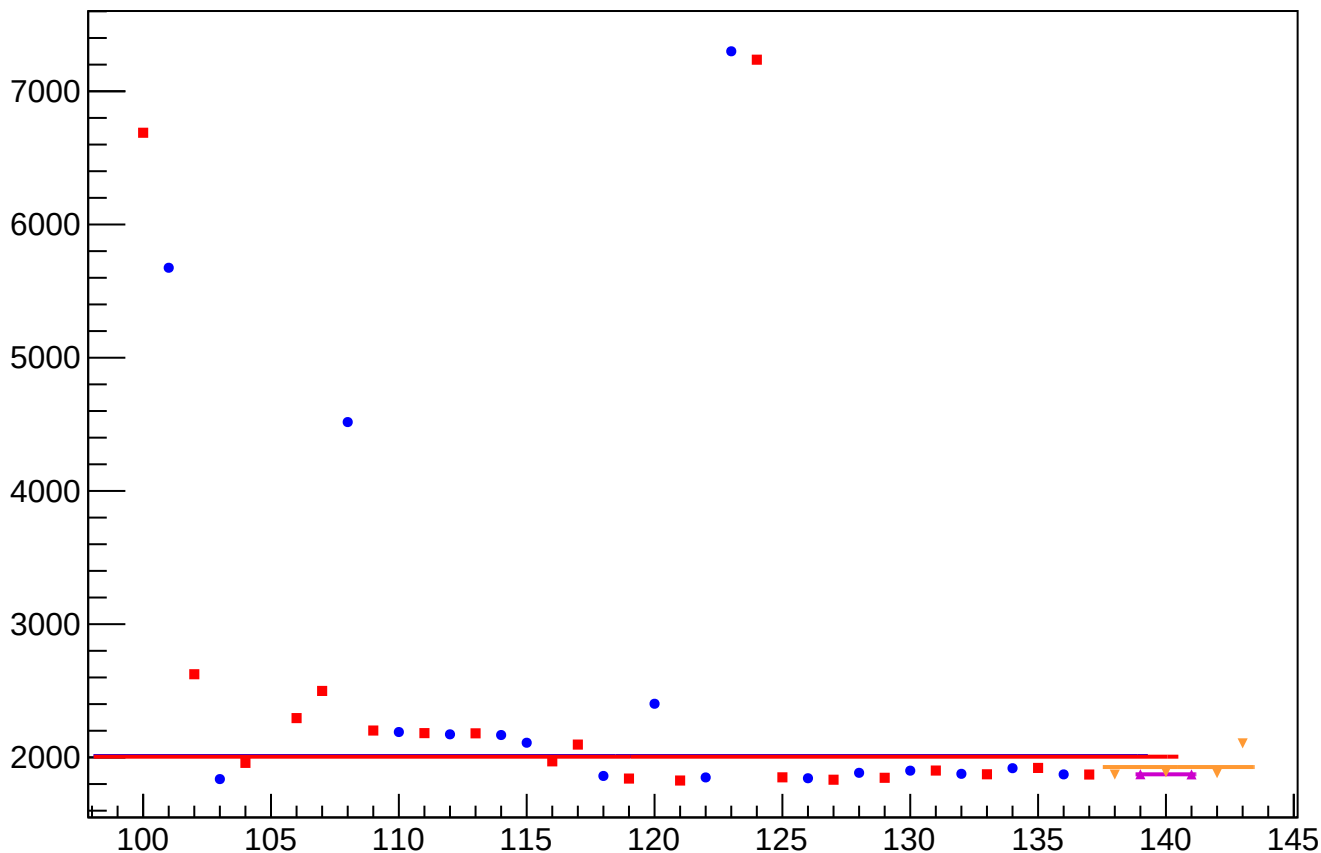
Right Out: 1118.717 ± 767.670 χ^2/NDF : 19.6/19

Left In: 3175.418 ± 1463.438 χ^2/NDF : 0.1/1

97.713 ± 665.894 χ^2/NDF : 19.5/20

1562.533 ± 679.815 χ^2/NDF : 21.2/21

dit_asym_at1_dd_rms vs Slug



Right In: 2010.272+/-0.567 χ^2/NDF : 839746.7/16

Left Out: 1927.645+/-0.846 χ^2/NDF :11867.6/3

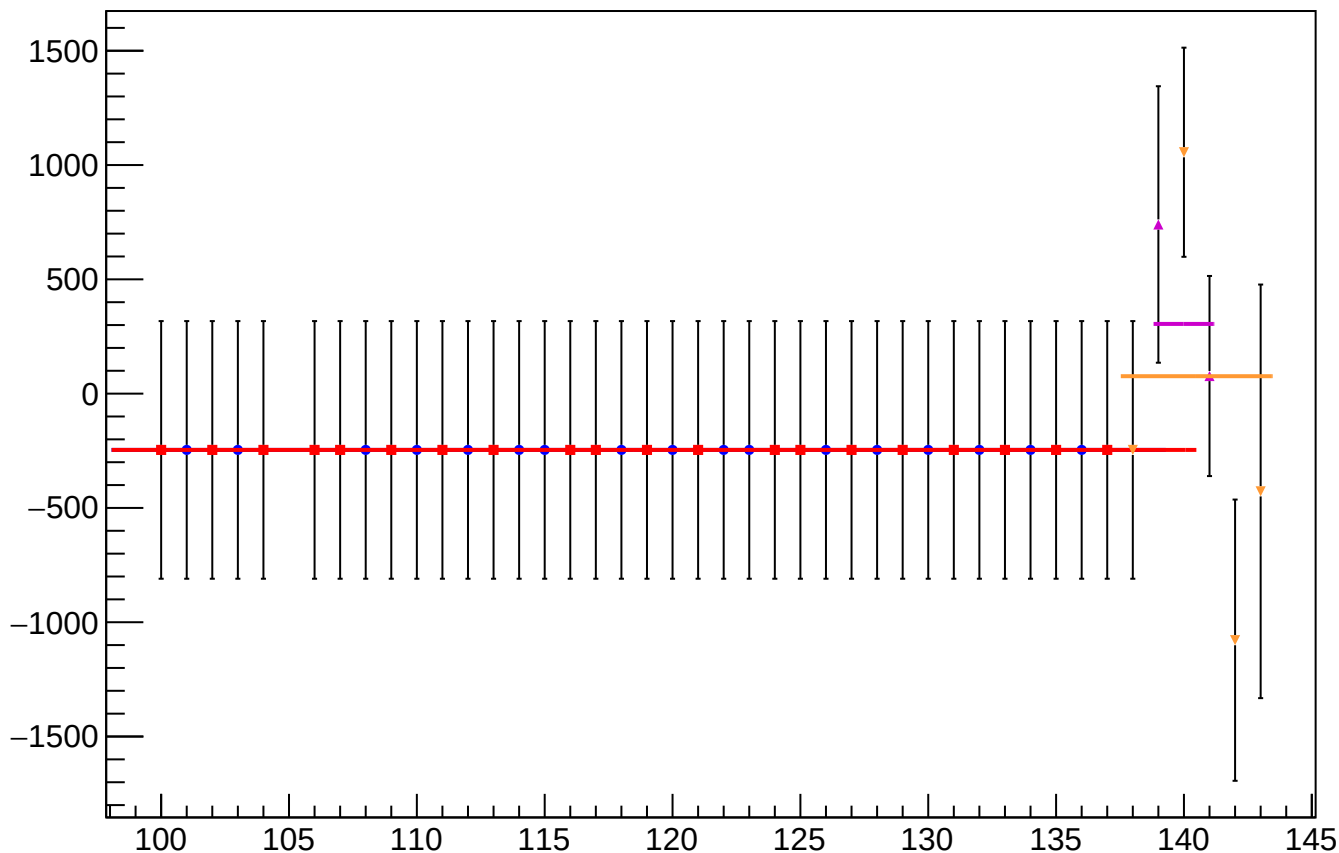
Right Out: 2005.369+/-0.543 χ^2/NDF : 367662.8/19

Left In: 1872.998+/-1.035 χ^2/NDF :0.3/1

1984.692+/-0.471 χ^2/NDF : 858196.4/20

1976.805+/-0.481 χ^2/NDF : 380495.2/21

asym_at1_dd_correction_mean vs Slug



Right In: -246.217+/-136.686 χ^2 /NDF: 0.0/16

Left Out: 76.257+/-291.209 χ^2 /NDF:8.7/3

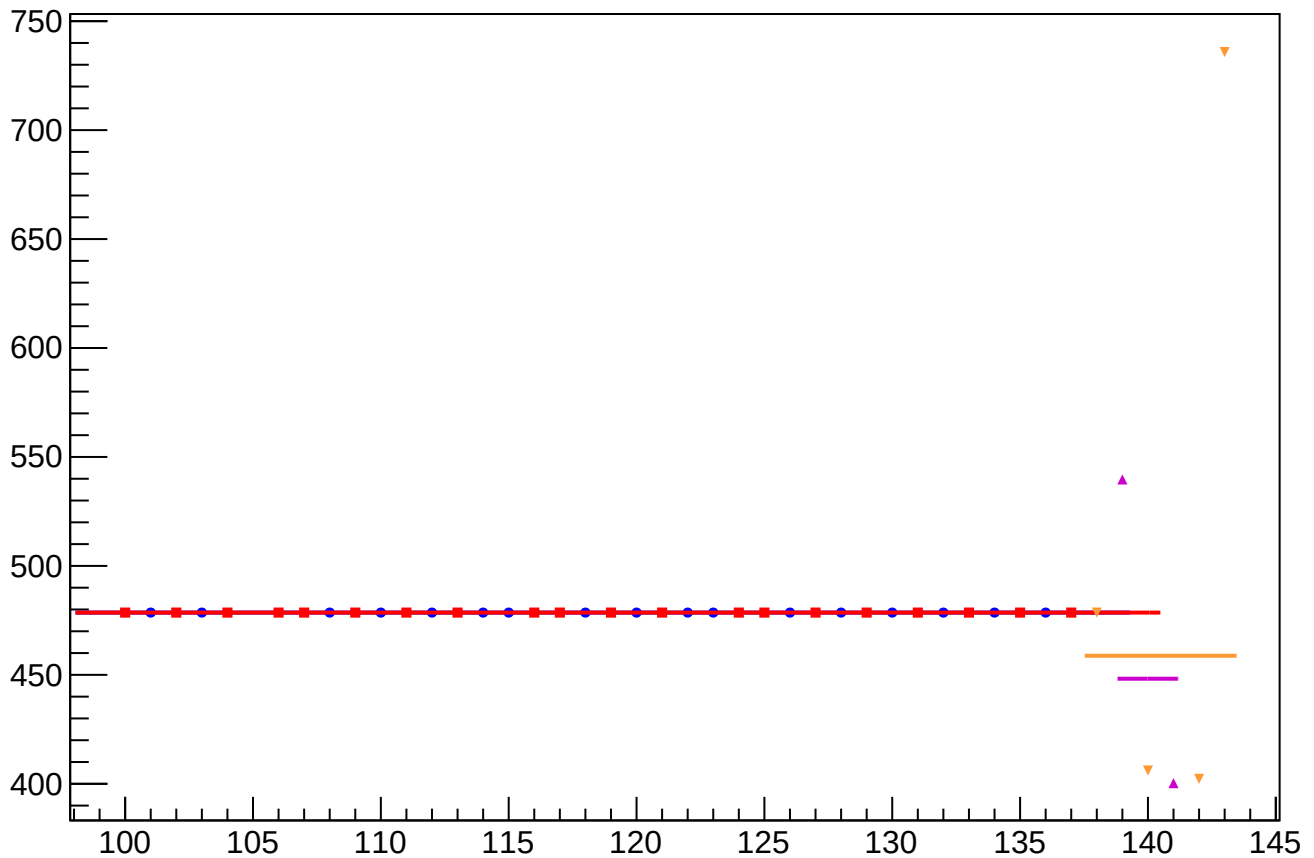
Right Out: -246.217+/-126.019 χ^2 /NDF: 0.0/19

Left In: 304.952+/-354.589 χ^2 /NDF:0.8/1

-187.998+/-123.734 χ^2 /NDF: 9.8/20

-184.408+/-118.743 χ^2 /NDF: 2.9/21

asym_at1_dd_correction_rms vs Slug



Right In: 478.577 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 458.762 $\pm$ 0.206 χ^2 /NDF:233420.5/3

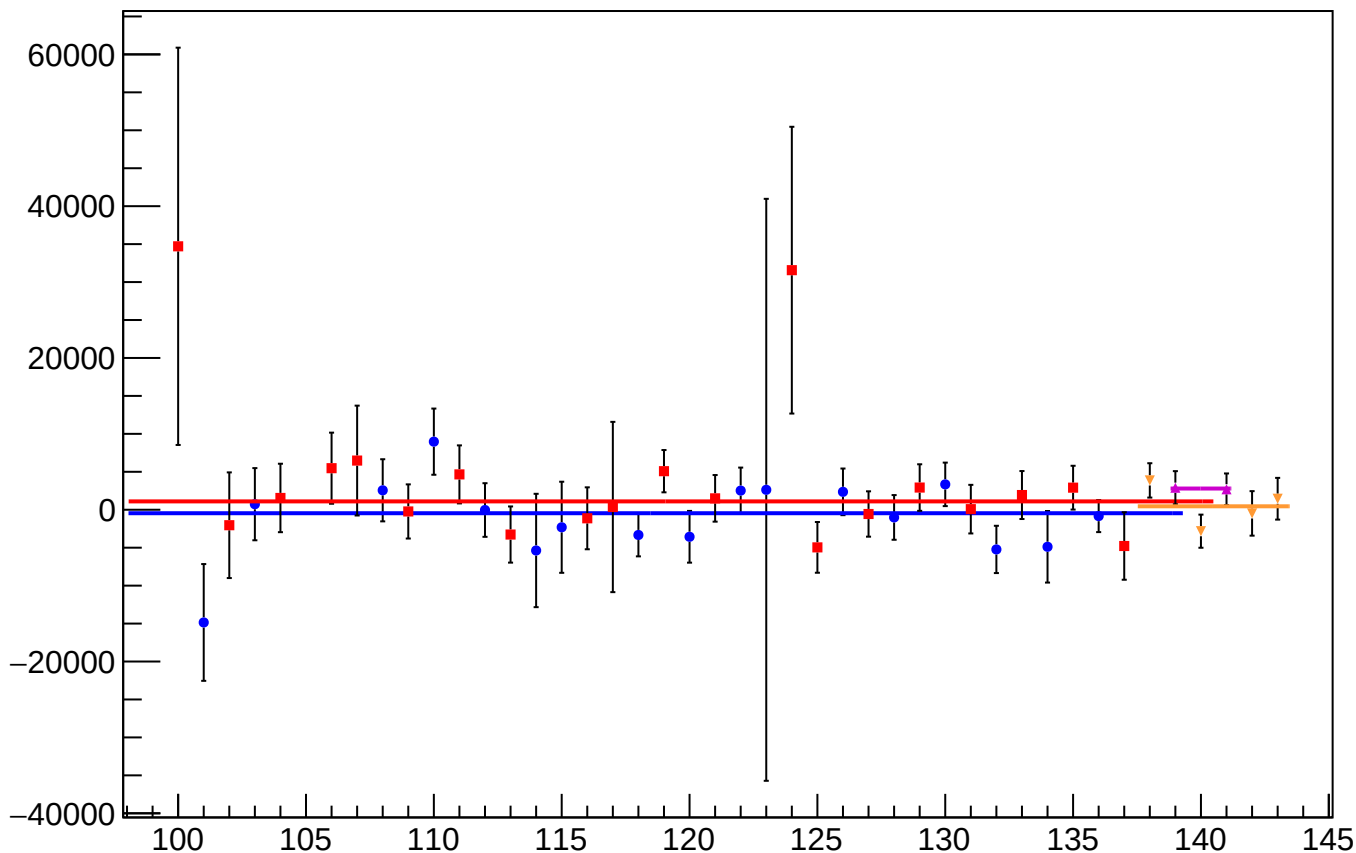
Right Out: 478.577 $\pm$ 0.089 χ^2 /NDF: 0.0/19

Left In: 448.227 $\pm$ 0.251 χ^2 /NDF:69716.2/1

475.000 $\pm$ 0.087 χ^2 /NDF: 241008.7/20

475.174 $\pm$ 0.084 χ^2 /NDF: 82724.9/21

asym_at1_dd_mean vs Slug



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

Left Out: 453.243 ± 1236.718 χ^2/NDF : 4.8/3

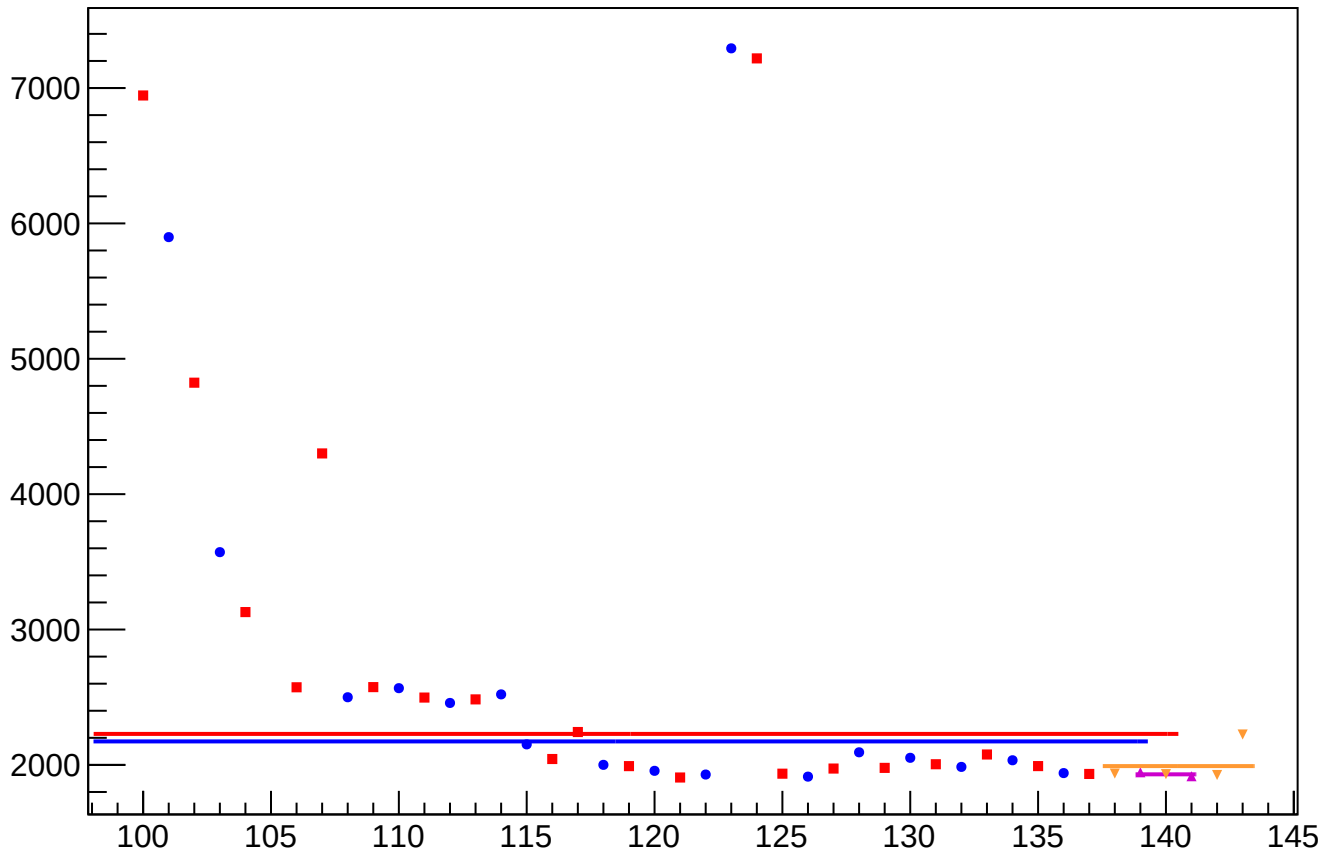
Right Out: 1099.895 ± 864.581 χ^2/NDF : 16.9/19

Left In: 2794.247 ± 1508.268 χ^2/NDF : 0.0/1

-158.794 ± 708.908 χ^2/NDF : 23.2/20

1518.946 ± 750.085 χ^2/NDF : 17.9/21

asym_at1_dd_rms vs Slug



Right In: 2173.529+/-0.612 χ^2/NDF : 805360.7/16

Left Out: 1991.209+/-0.874 χ^2/NDF :18095.5/3

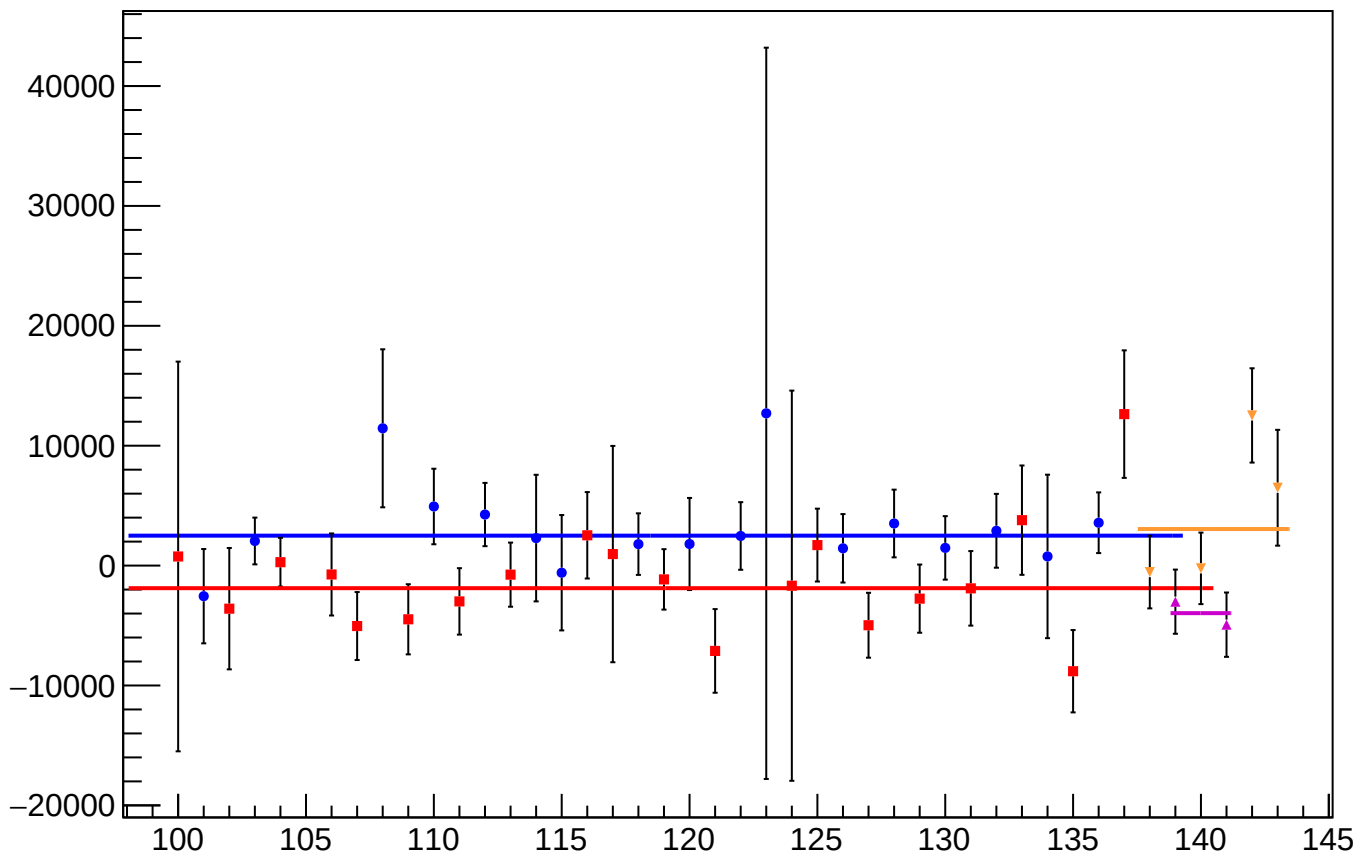
Right Out: 2228.976+/-0.611 χ^2/NDF : 895866.5/19

Left In: 1930.393+/-1.067 χ^2/NDF :187.9/1

2113.622+/-0.501 χ^2/NDF : 852640.8/20

2155.130+/-0.530 χ^2/NDF : 955049.1/21

dit_asym_at2_avg_mean vs Slug



Right In: 2496.610 ± 768.295 χ^2/NDF : 5.9/16

Left Out: 3048.914 ± 1743.471 χ^2/NDF : 8.9/3

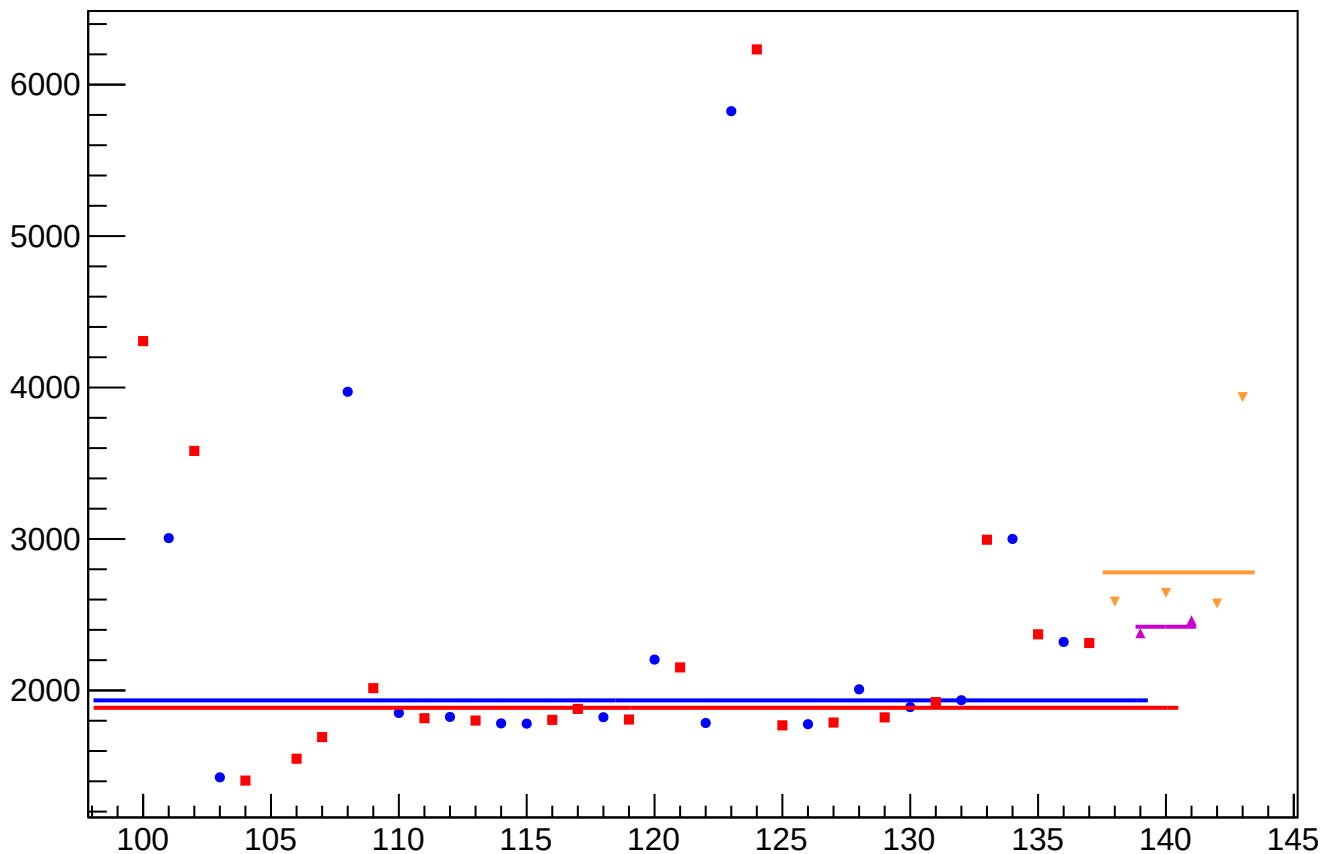
Right Out: -1883.997 ± 734.348 χ^2/NDF : 23.6/19

Left In: -3966.606 ± 1894.624 χ^2/NDF : 0.3/1

2586.421 ± 703.058 χ^2/NDF : 14.9/20

-2156.005 ± 684.715 χ^2/NDF : 24.9/21

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2779.389+/-1.233 χ^2/NDF :132477.3/3

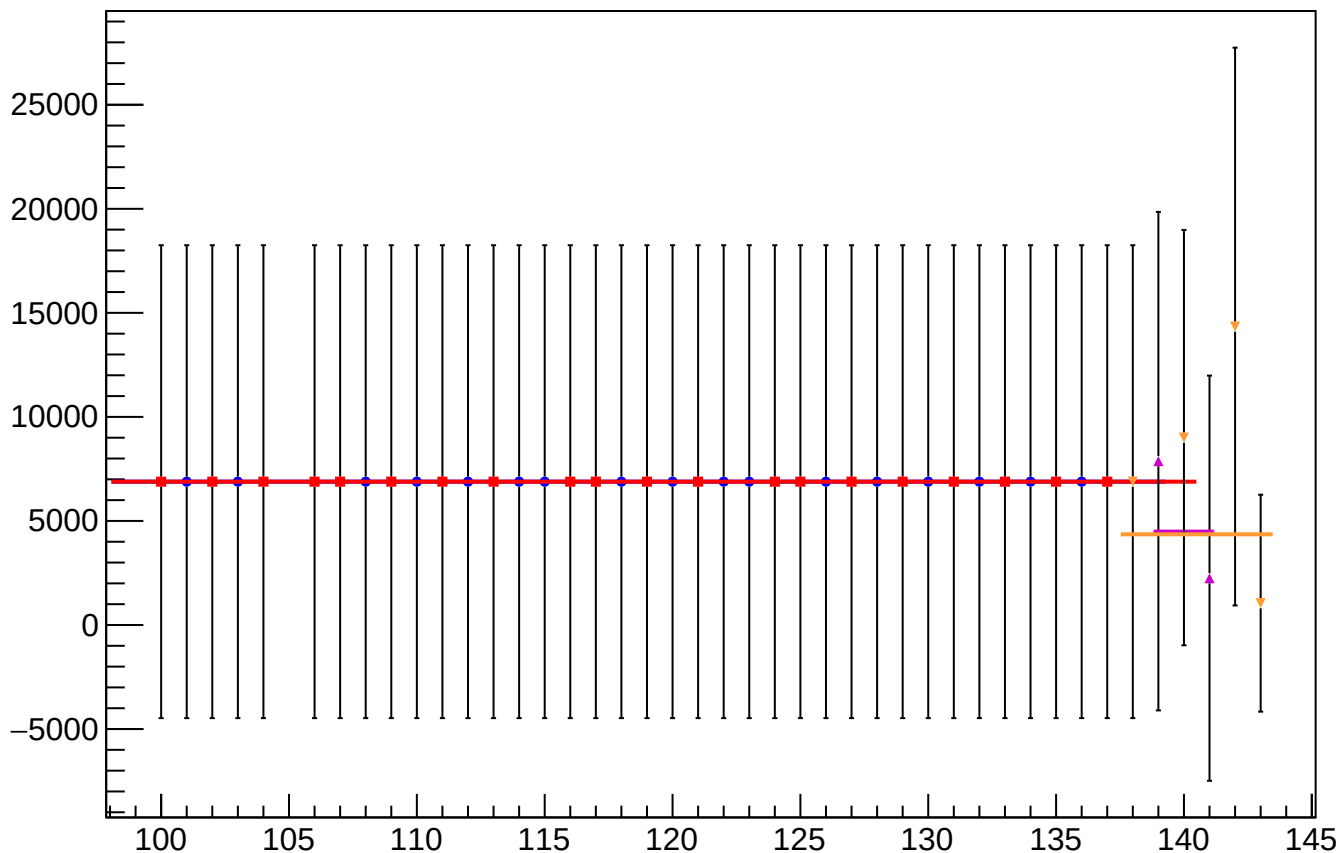
Right Out: 1885.498+/-0.519 χ^2/NDF : 752093.1/19

Left In: 2420.496+/-1.340 χ^2/NDF :1001.9/1

2071.809+/-0.497 χ^2/NDF : 1164789.4/20

1955.352+/-0.484 χ^2/NDF : 891746.3/21

asym_at2_avg_correction_mean vs Slug



Right In: 6887.405 $\pm$ 2755.932 χ^2 /NDF: 0.0/16

Left Out: 4357.503 $\pm$ 4076.986 χ^2 /NDF: 1.2/3

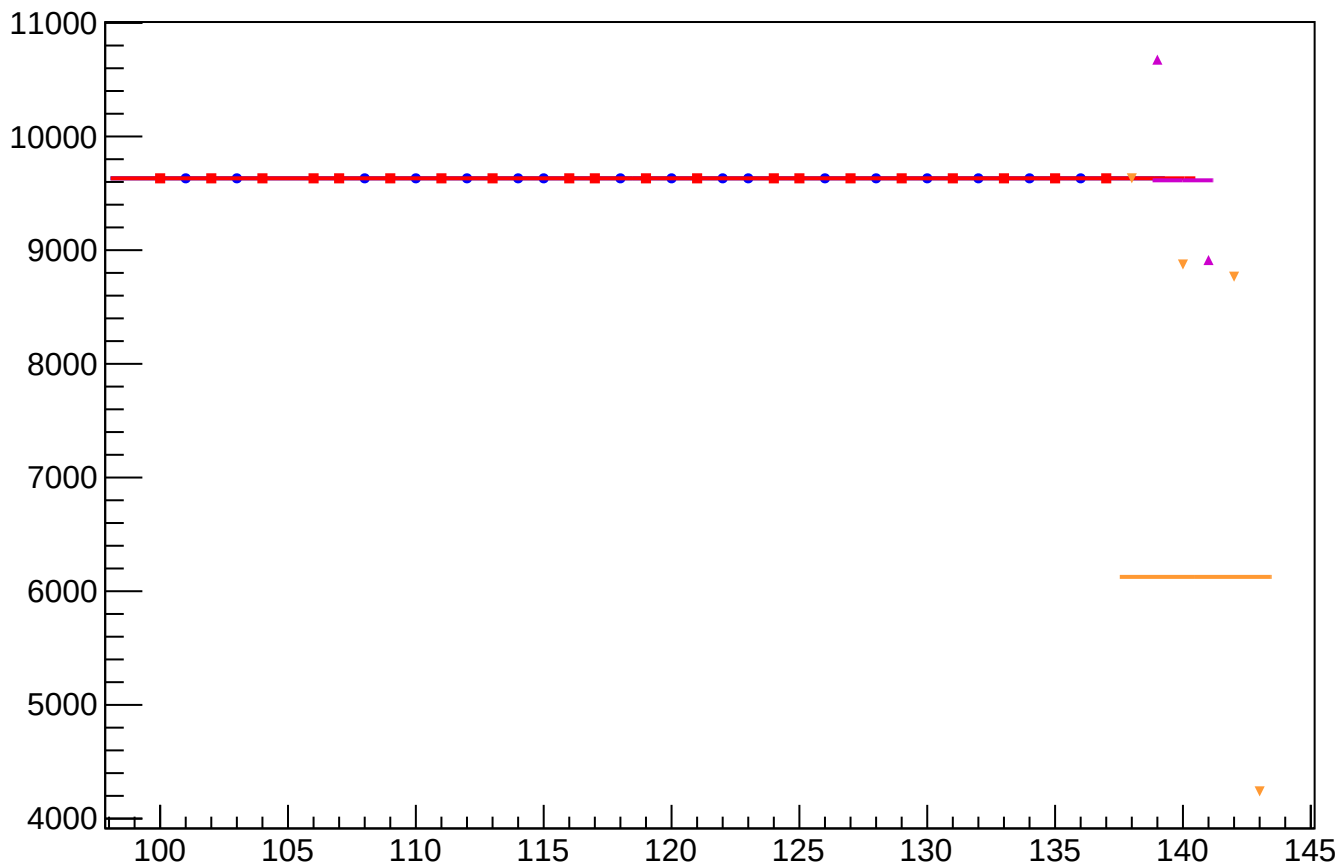
Right Out: 6887.405 $\pm$ 2540.843 χ^2 /NDF: 0.0/19

Left In: 4486.442 $\pm$ 7555.350 χ^2 /NDF: 0.1/1

6093.953 $\pm$ 2283.220 χ^2 /NDF: 1.5/20

6643.456 $\pm$ 2408.306 χ^2 /NDF: 0.2/21

asym_at2_avg_correction_rms vs Slug



Right In: 9631.878+/-1.949 χ^2/NDF : 0.0/16

Left Out: 6126.084+/-2.883 χ^2/NDF : 681684.4/3

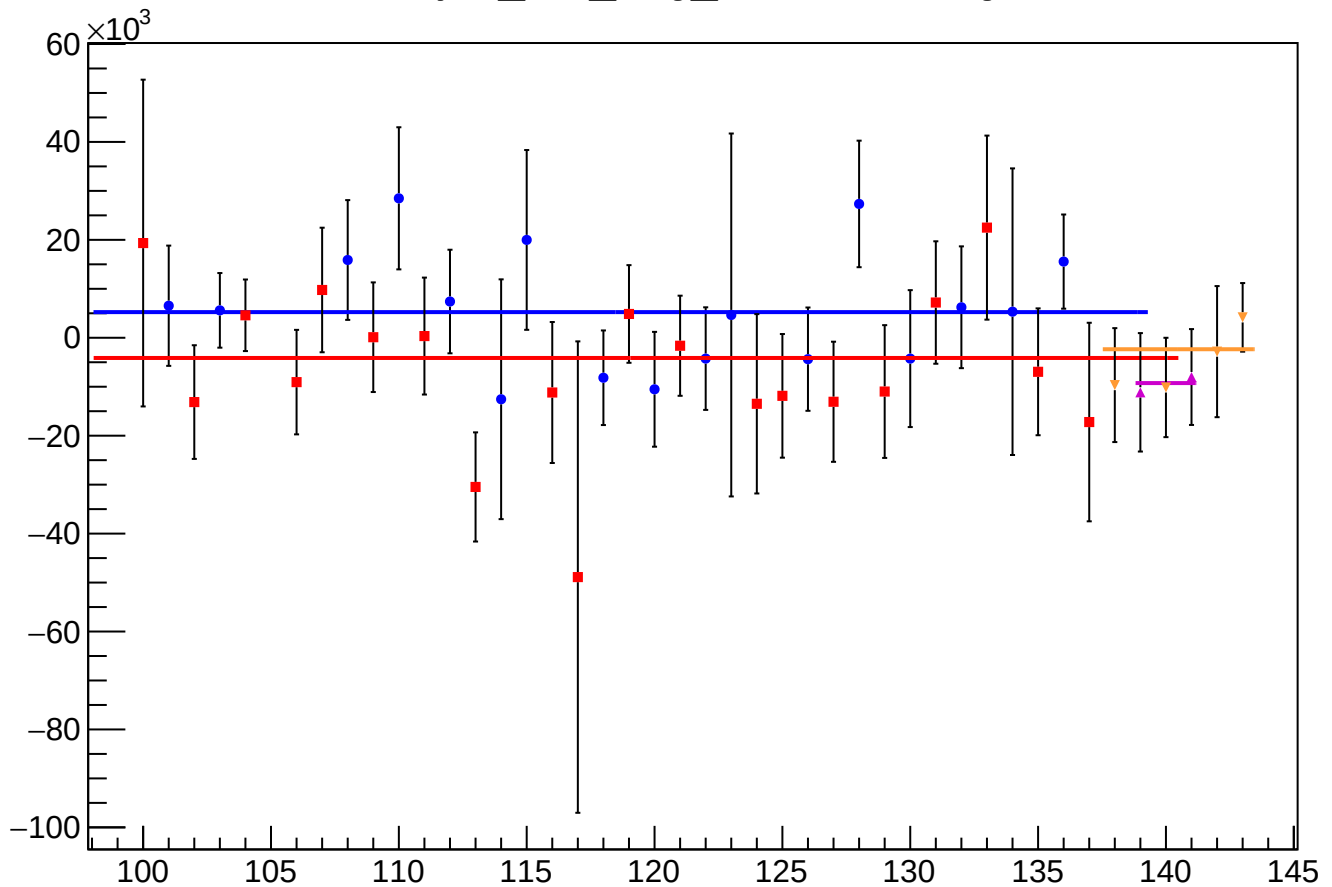
Right Out: 9631.878+/-1.797 χ^2/NDF : 0.0/19

Left In: 9614.395+/-5.342 χ^2/NDF : 26080.8/1

8532.357+/-1.614 χ^2/NDF : 1696723.7/20

9630.101+/-1.703 χ^2/NDF : 26090.4/21

asym_at2_avg_mean vs Slug



Right In: 5238.554 $\pm$ 2946.164 χ^2 /NDF: 14.5/16

Left Out: -2343.984 $\pm$ 4819.520 χ^2 /NDF: 1.9/3

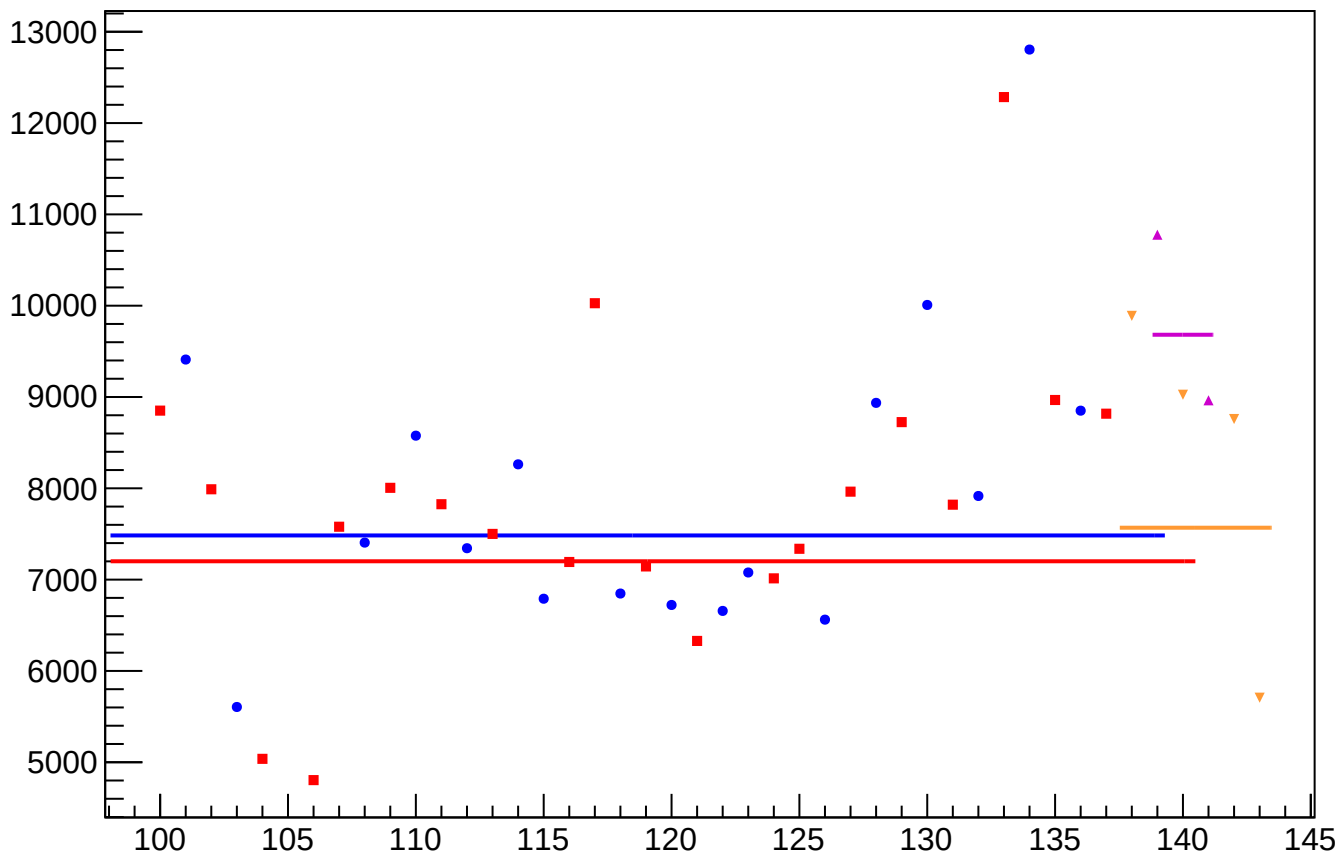
Right Out: -4126.409 $\pm$ 2785.746 χ^2 /NDF: 16.5/19

Left In: -9255.467 $\pm$ 7609.885 χ^2 /NDF: 0.0/1

3175.866 $\pm$ 2513.699 χ^2 /NDF: 18.1/20

-4732.516 $\pm$ 2615.976 χ^2 /NDF: 16.9/21

asym_at2_avg_rms vs Slug



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

Left Out: 7568.469+/-3.408 χ^2/NDF : 277730.9/3

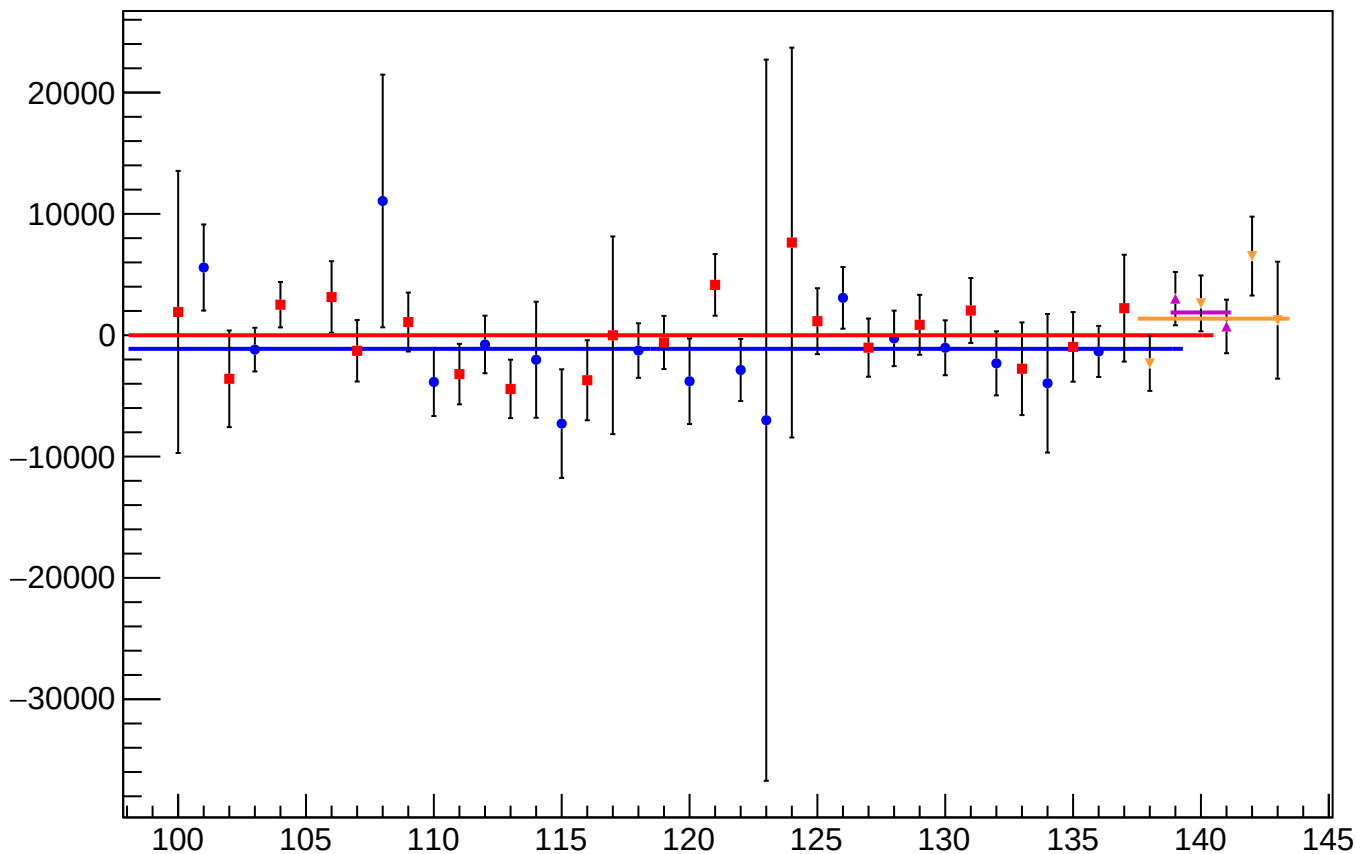
Right Out: 7200.943+/-1.970 χ^2/NDF : 565668.0/19

Left In: 9681.755+/-5.381 χ^2/NDF : 27166.9/1

7506.821+/-1.777 χ^2/NDF : 709986.5/20

7494.037+/-1.850 χ^2/NDF : 780273.4/21

dit_asym_at2_dd_mean vs Slug



Right In: -1120.496 ± 679.161 χ^2/NDF : 12.3/16

Left Out: 1366.614 ± 1384.254 χ^2/NDF : 5.5/3

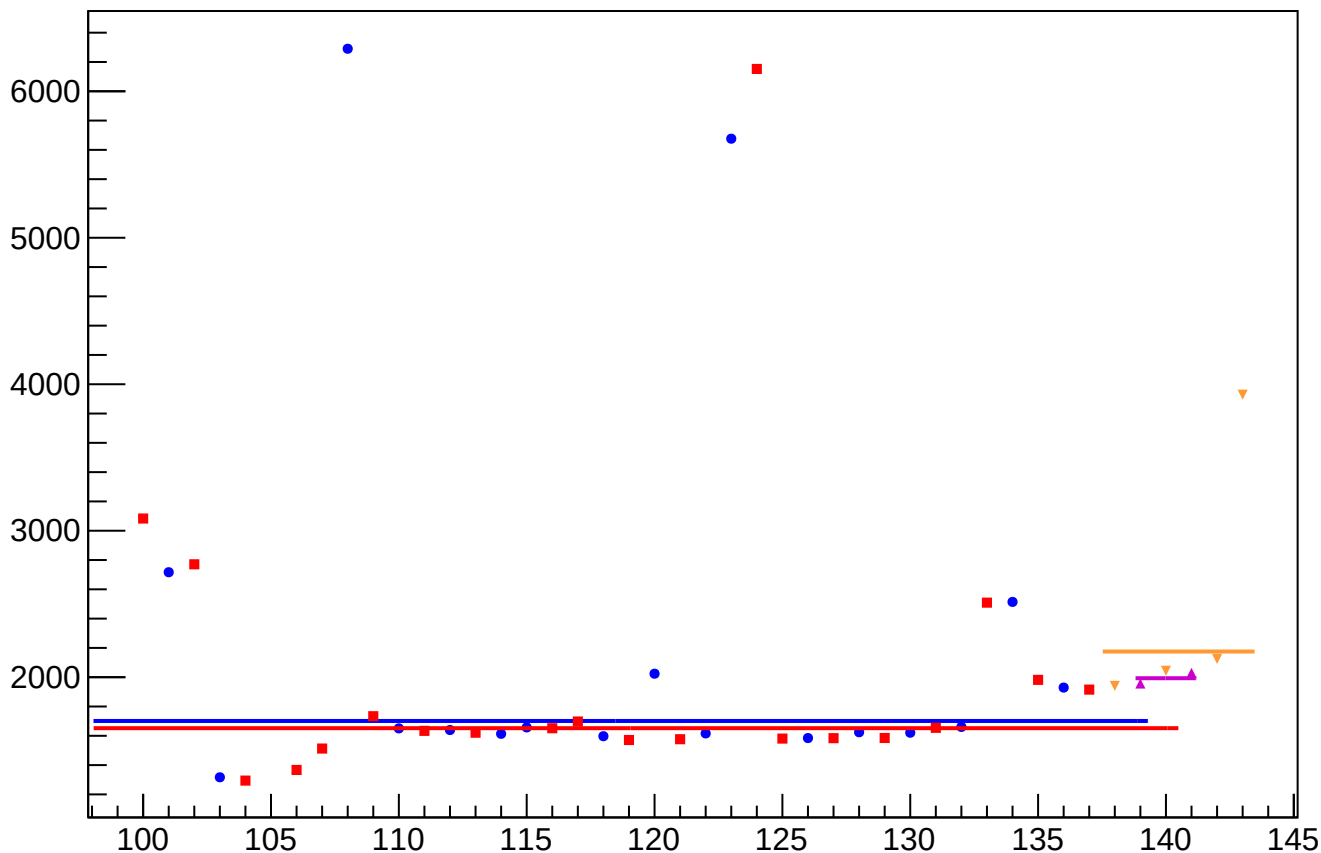
Right Out: -2.535 ± 637.715 χ^2/NDF : 15.5/19

Left In: 1875.703 ± 1558.099 χ^2/NDF : 0.5/1

-637.954 ± 609.728 χ^2/NDF : 20.3/20

266.960 ± 590.194 χ^2/NDF : 17.3/21

dit_asym_at2_dd_rms vs Slug



Right In: 1701.283 ± 0.480 χ^2/NDF : 778718.7/16

Left Out: 2175.421 ± 0.979 χ^2/NDF : 293005.4/3

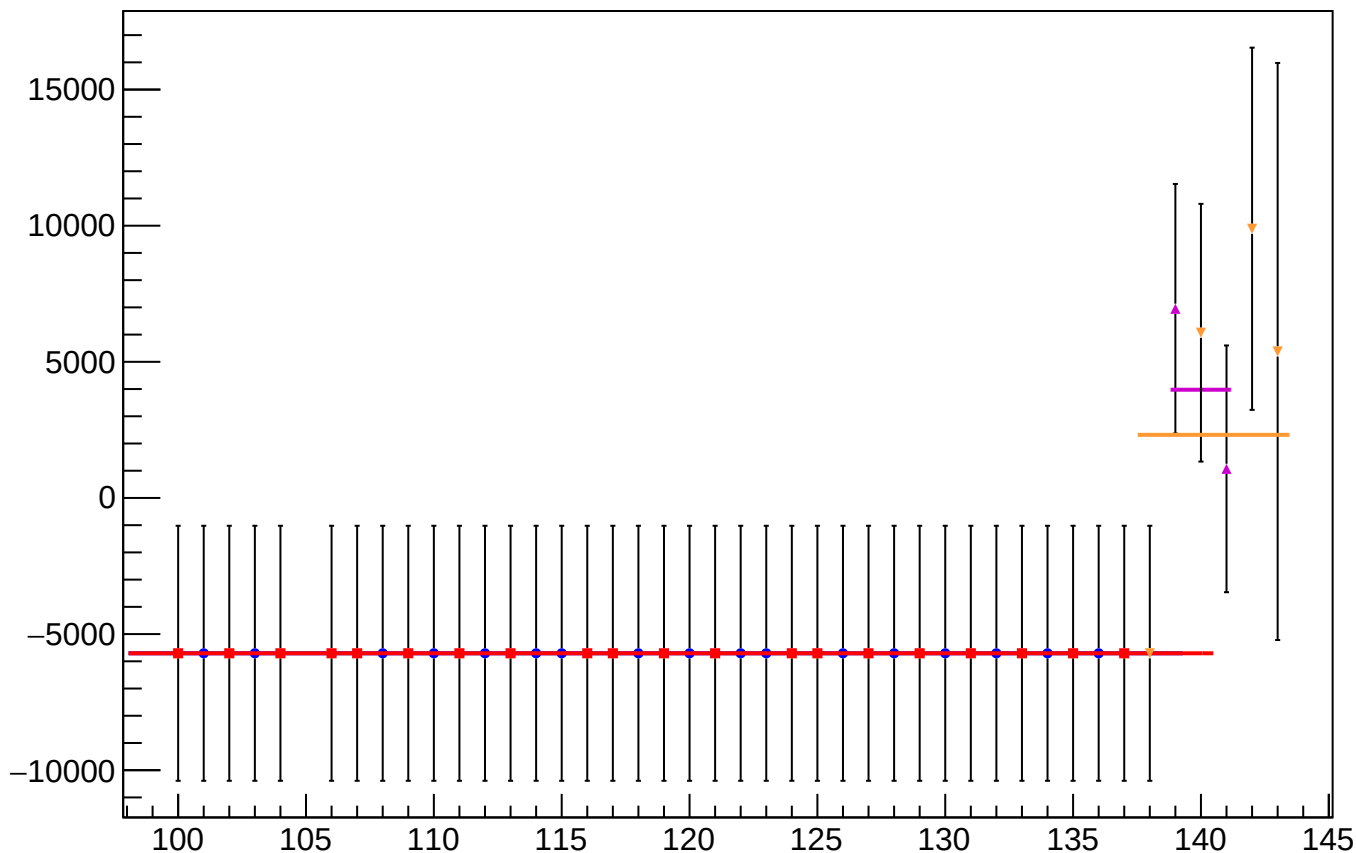
Right Out: 1652.015 ± 0.451 χ^2/NDF : 588905.2/19

Left In: 1993.128 ± 1.102 χ^2/NDF : 1089.2/1

1793.273 ± 0.431 χ^2/NDF : 1260842.7/20

1700.959 ± 0.417 χ^2/NDF : 672100.1/21

asym_at2_dd_correction_mean vs Slug



Right In: -5705.463+/-1135.931 χ^2/NDF : 0.0/16

Left Out: 2317.819+/-2866.211 χ^2/NDF : 4.9/3

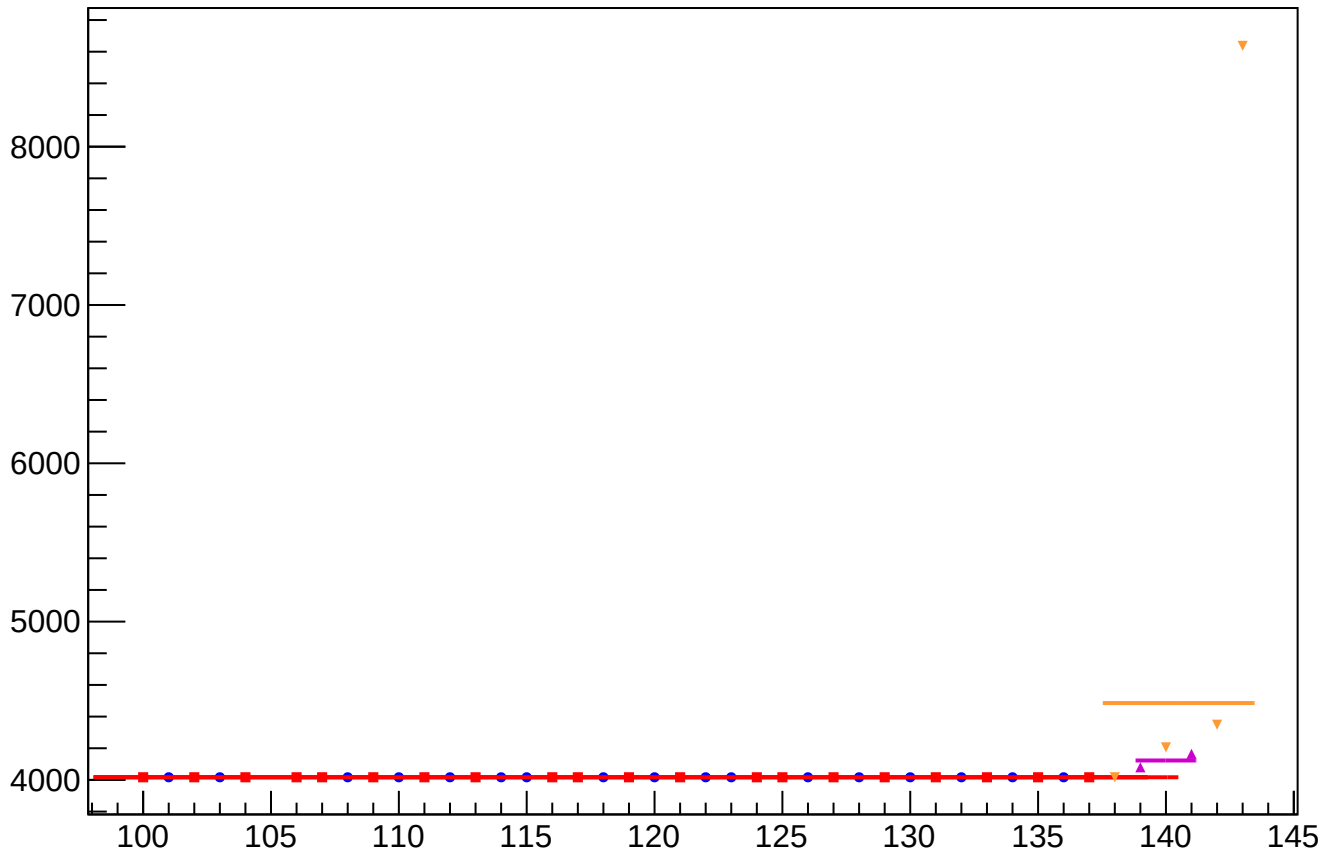
Right Out: -5705.463+/-1047.276 χ^2/NDF : 0.0/19

Left In: 3975.202+/-3222.683 χ^2/NDF : 0.8/1

-4616.331+/-1056.021 χ^2/NDF : 11.7/20

-4780.781+/-996.004 χ^2/NDF : 9.0/21

asym_at2_dd_correction_rms vs Slug



Right In: 4016.698+/-0.803 χ^2/NDF : 0.0/16

Left Out: 4485.528+/-2.027 χ^2/NDF :334754.4/3

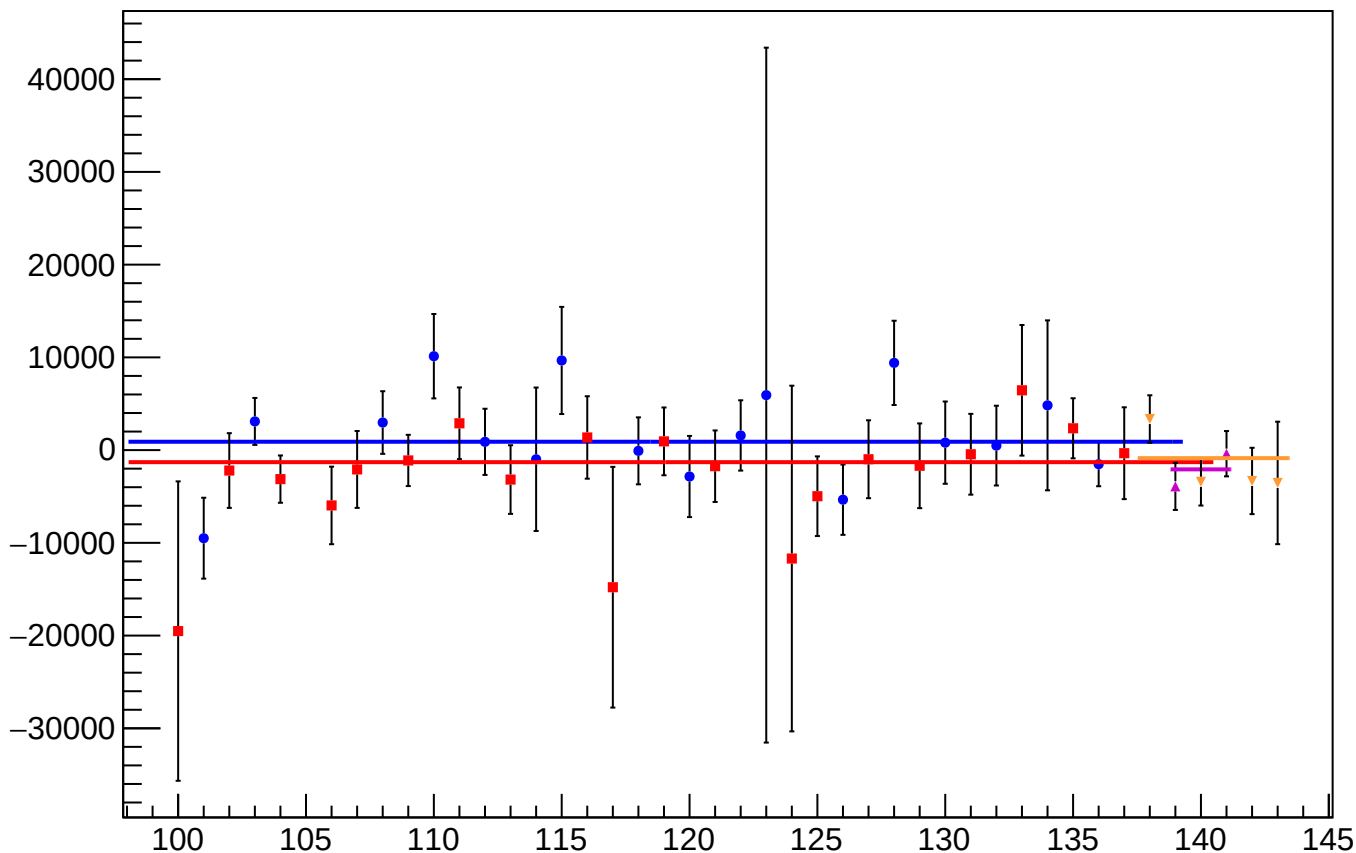
Right Out: 4016.698+/-0.741 χ^2/NDF : 0.0/19

Left In: 4122.752+/-2.279 χ^2/NDF :346.9/1

4080.340+/-0.747 χ^2/NDF : 381001.5/20

4026.828+/-0.704 χ^2/NDF : 2306.0/21

asym_at2_dd_mean vs Slug



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

Left Out: -867.562+/-1567.973 χ^2/NDF : 4.4/3

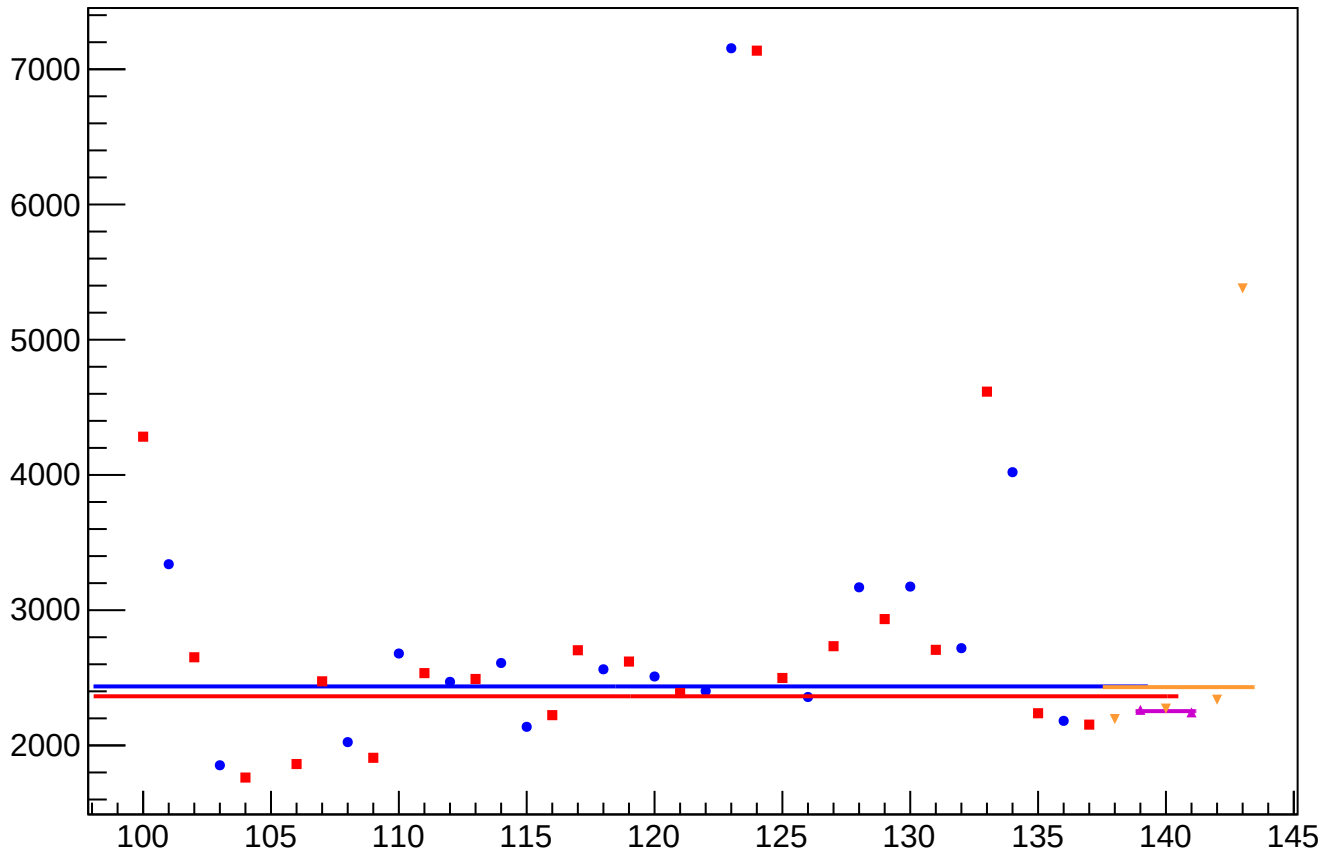
Right Out: -1299.511+/-922.689 χ^2/NDF : 10.0/19

Left In: -2077.237+/-1761.552 χ^2/NDF : 1.0/1

419.050+/-819.922 χ^2/NDF : 26.9/20

-1466.949+/-817.353 χ^2/NDF : 11.1/21

asym_at2_dd_rms vs Slug



Right In: 2436.256+/-0.680 χ^2 /NDF: 468552.3/16

Left Out: 2431.042+/-1.109 χ^2 /NDF:424822.1/3

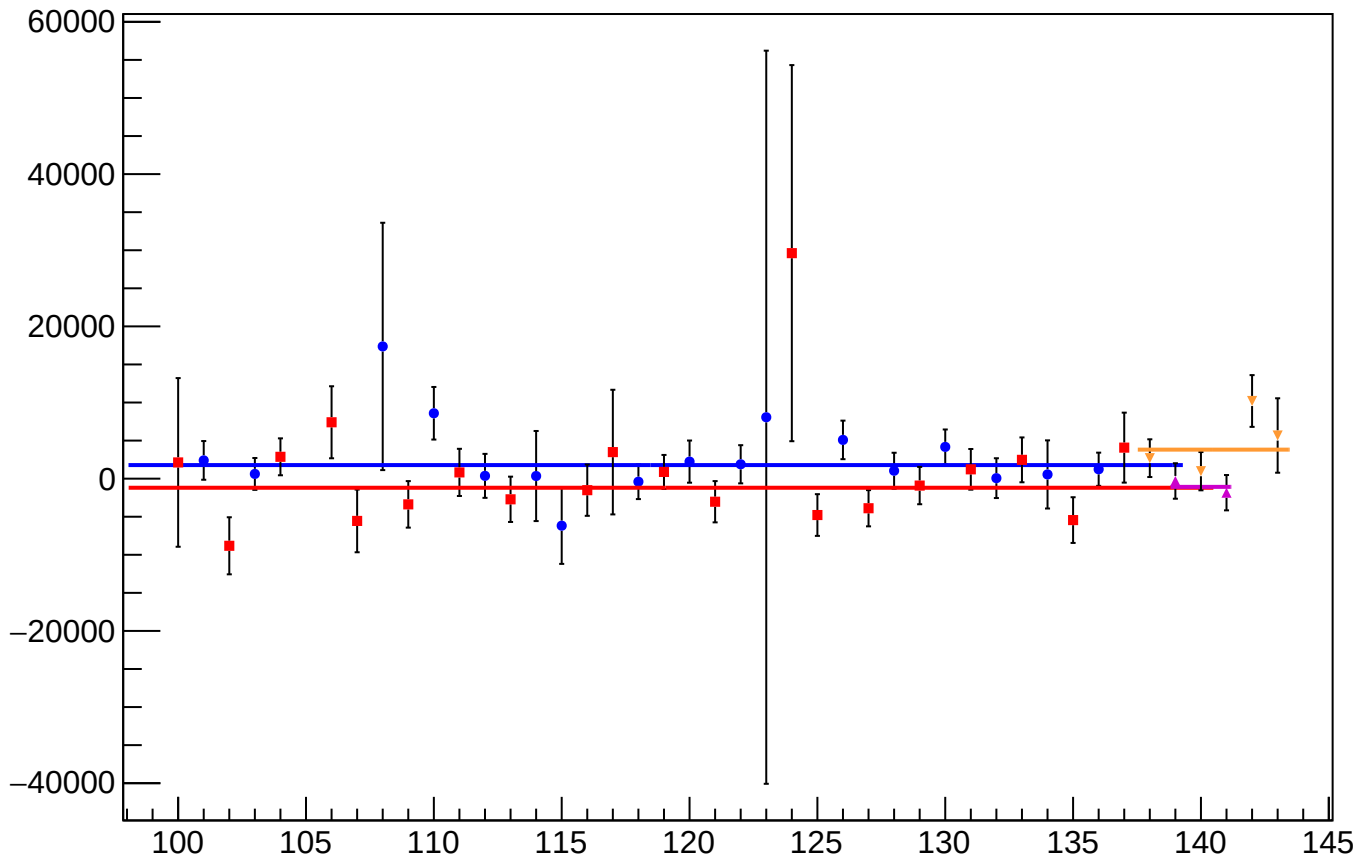
Right Out: 2363.288+/-0.652 χ^2 /NDF: 657229.5/19

Left In: 2253.515+/-1.246 χ^2 /NDF:56.2/1

2434.830+/-0.580 χ^2 /NDF: 893390.5/20

2339.655+/-0.578 χ^2 /NDF: 663380.3/21

dit_asym_atl_avg_mean vs Slug



Right In: 1783.505+/-694.403 χ^2/NDF : 12.4/16

Left Out: 3811.939+/-1491.377 χ^2/NDF : 5.2/3

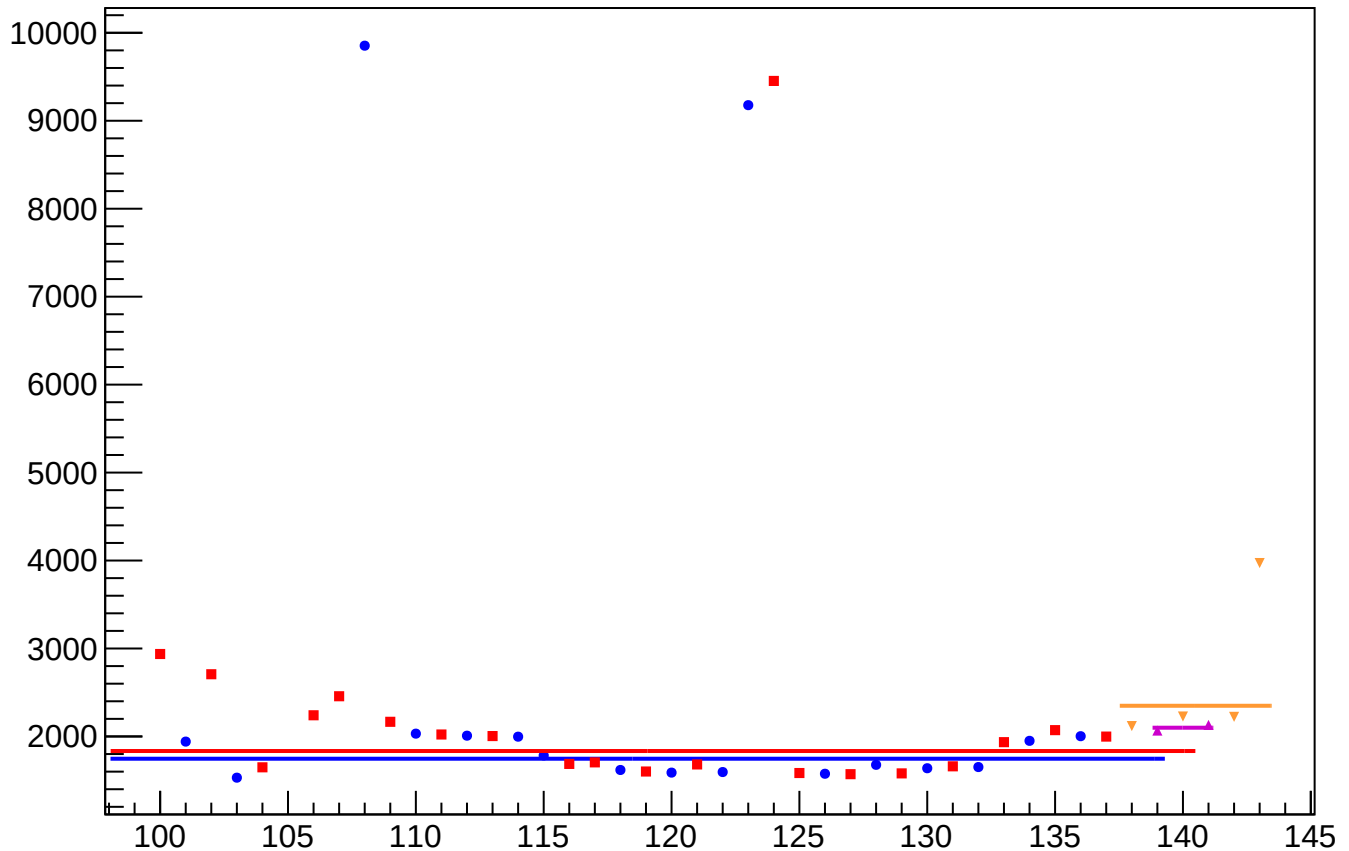
Right Out: -1194.245+/-705.509 χ^2/NDF : 24.6/19

Left In: -1078.064+/-1644.122 χ^2/NDF : 0.2/1

2144.908+/-629.511 χ^2/NDF : 19.1/20

-1176.178+/-648.339 χ^2/NDF : 24.8/21

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2348.913+/-1.055 χ^2 /NDF: 245183.1/3

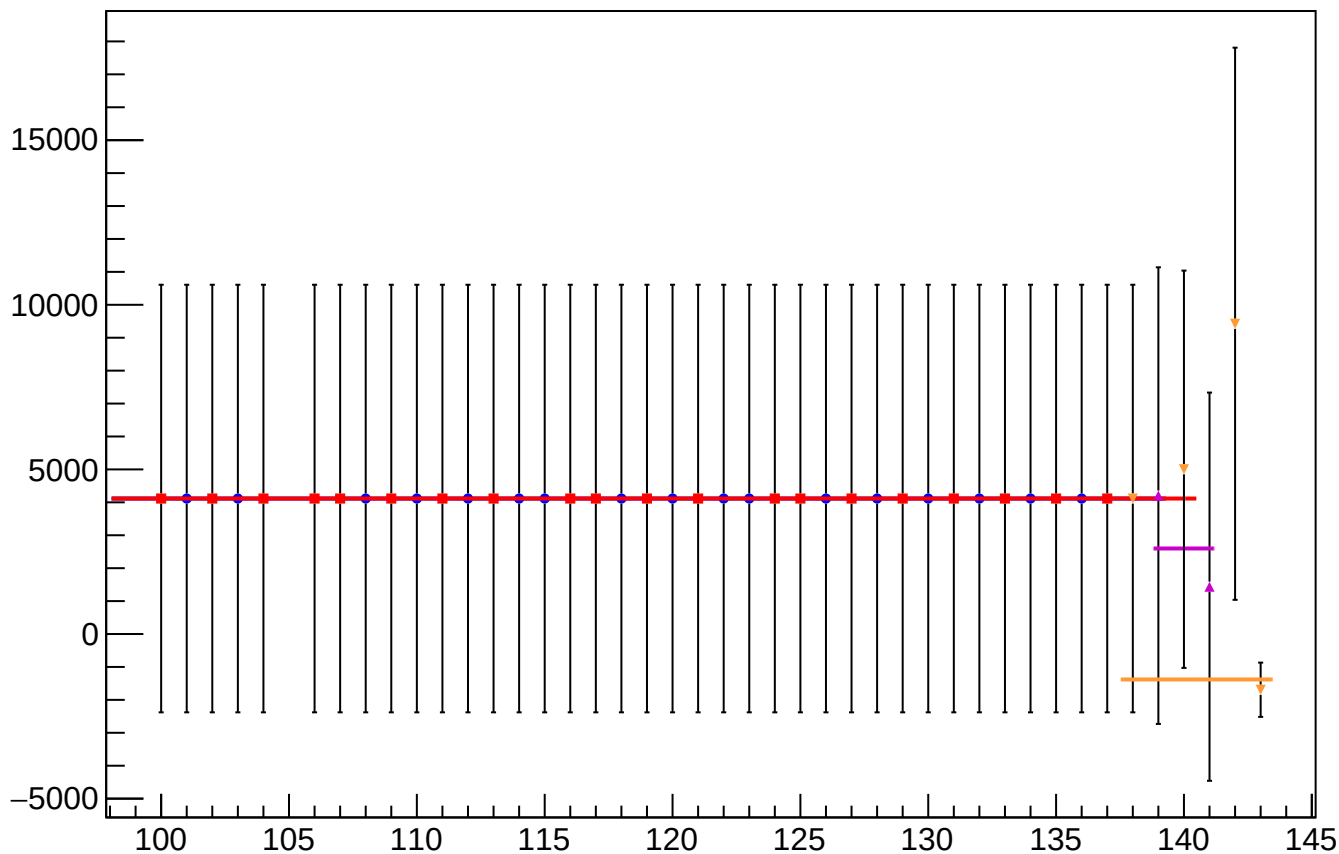
Right Out: 1834.449+/-0.498 χ^2 /NDF: 550903.9/19

Left In: 2099.357+/-1.163 χ^2 /NDF: 768.4/1

1854.107+/-0.445 χ^2 /NDF: 1195548.1/20

1875.560+/-0.458 χ^2 /NDF: 595536.4/21

asym_atl_avg_correction_mean vs Slug



Right In: 4115.072 $\pm$ 1575.007 χ^2 /NDF: 0.0/16

Left Out: -1380.366 $\pm$ 806.586 χ^2 /NDF: 3.6/3

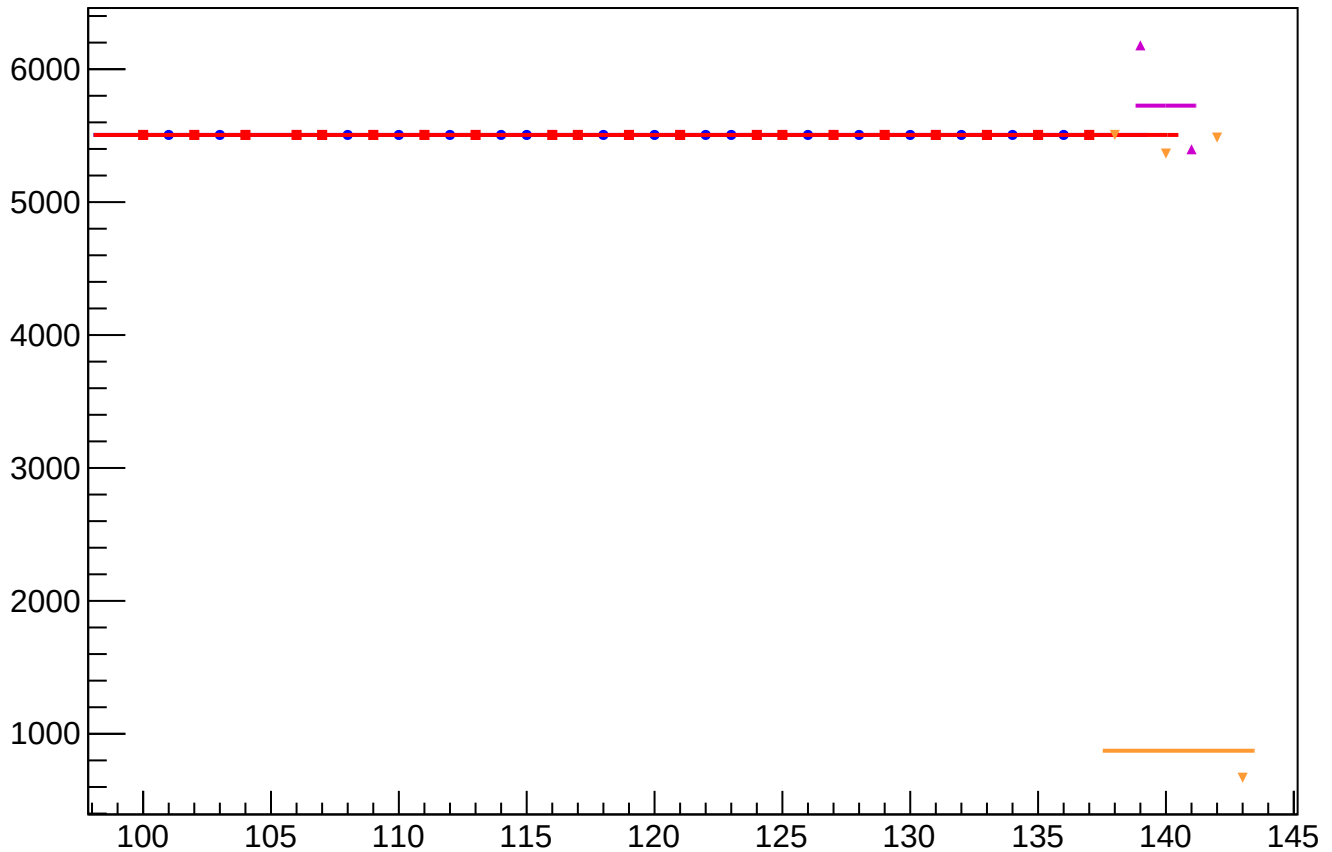
Right Out: 4115.072 $\pm$ 1452.085 χ^2 /NDF: 0.0/19

Left In: 2598.340 $\pm$ 4491.850 χ^2 /NDF: 0.1/1

-238.569 $\pm$ 717.920 χ^2 /NDF: 13.3/20

3971.565 $\pm$ 1381.682 χ^2 /NDF: 0.2/21

asym_atl_avg_correction_rms vs Slug



Right In: 5505.372+/-1.114 χ^2/NDF : 0.0/16

Left Out: 872.787+/-0.570 χ^2/NDF :2853114.6/3

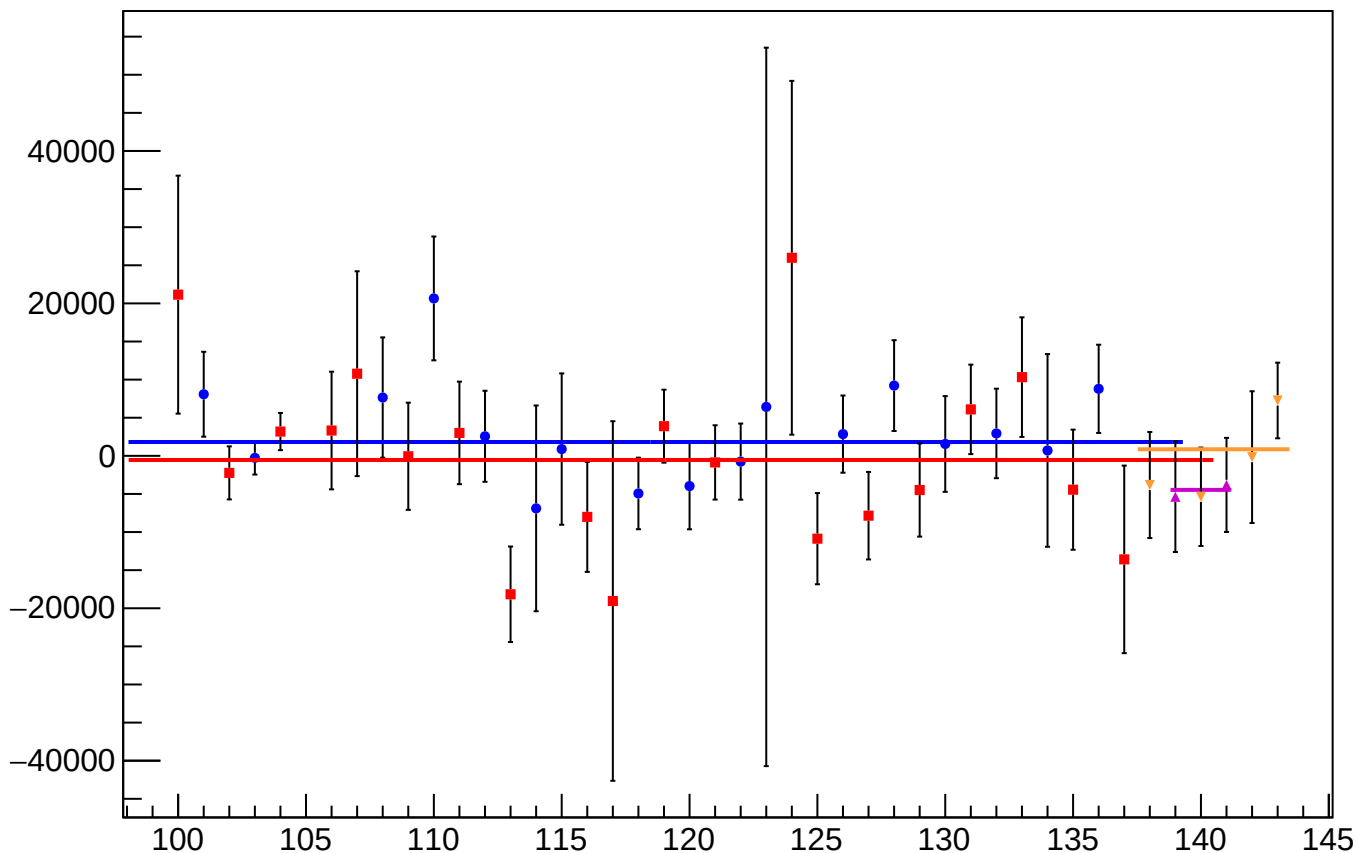
Right Out: 5505.372+/-1.027 χ^2/NDF : 0.0/19

Left In: 5725.723+/-3.176 χ^2/NDF :14757.8/1

1835.307+/-0.508 χ^2/NDF : 16560735.6/20

5526.220+/-0.977 χ^2/NDF : 19115.3/21

asym_atl_avg_mean vs Slug



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

Left Out: 862.895+/-3184.100 χ^2/NDF : 3.1/3

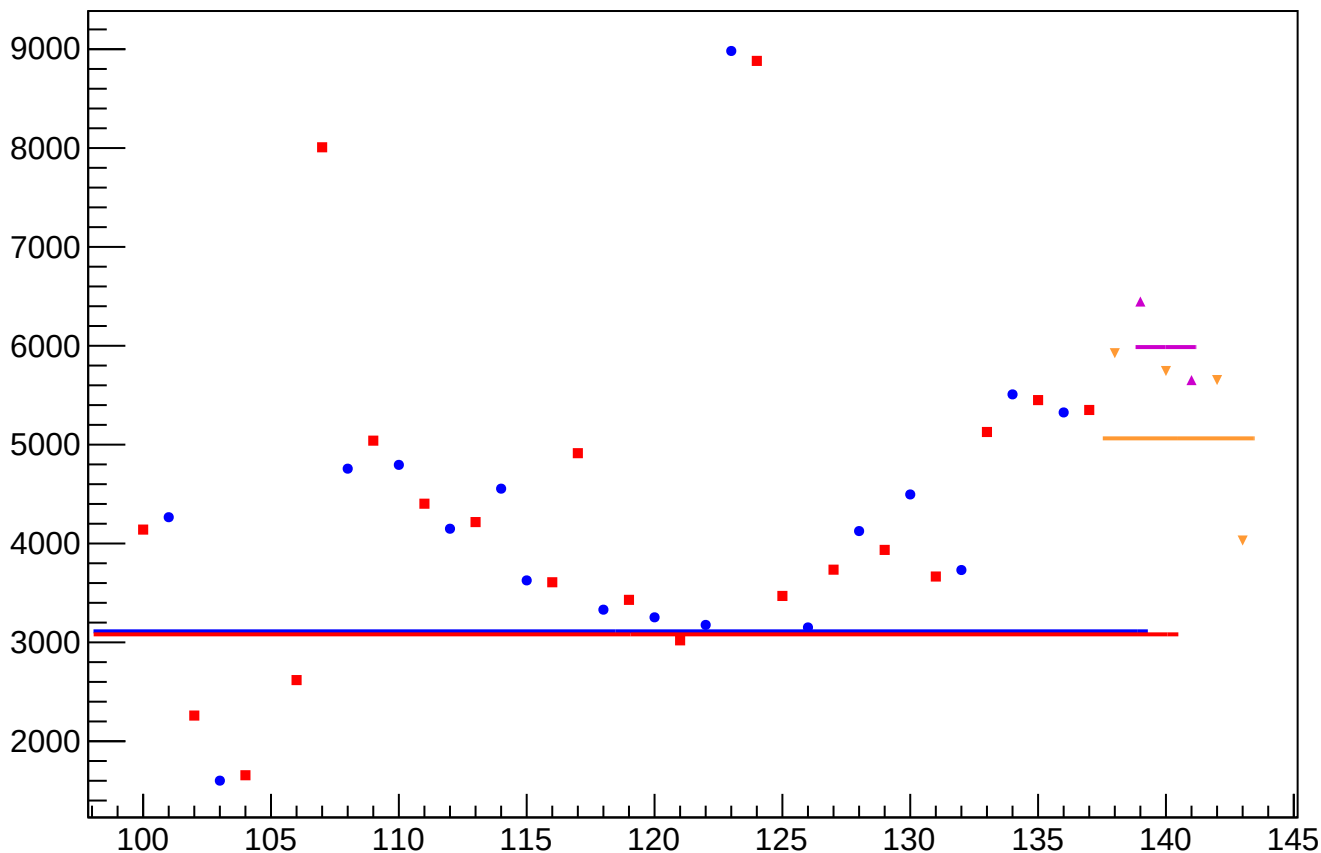
Right Out: -543.365+/-1284.166 χ^2/NDF : 27.1/19

Left In: -4467.369+/-4699.167 χ^2/NDF : 0.0/1

1678.105+/-1204.594 χ^2/NDF : 18.1/20

-816.044+/-1238.745 χ^2/NDF : 27.8/21

asym_atl_avg_rms vs Slug



Right In: 3111.560+/-0.920 χ^2/NDF : 1878991.5/16

Left Out: 5063.446+/-2.251 χ^2/NDF :148977.1/3

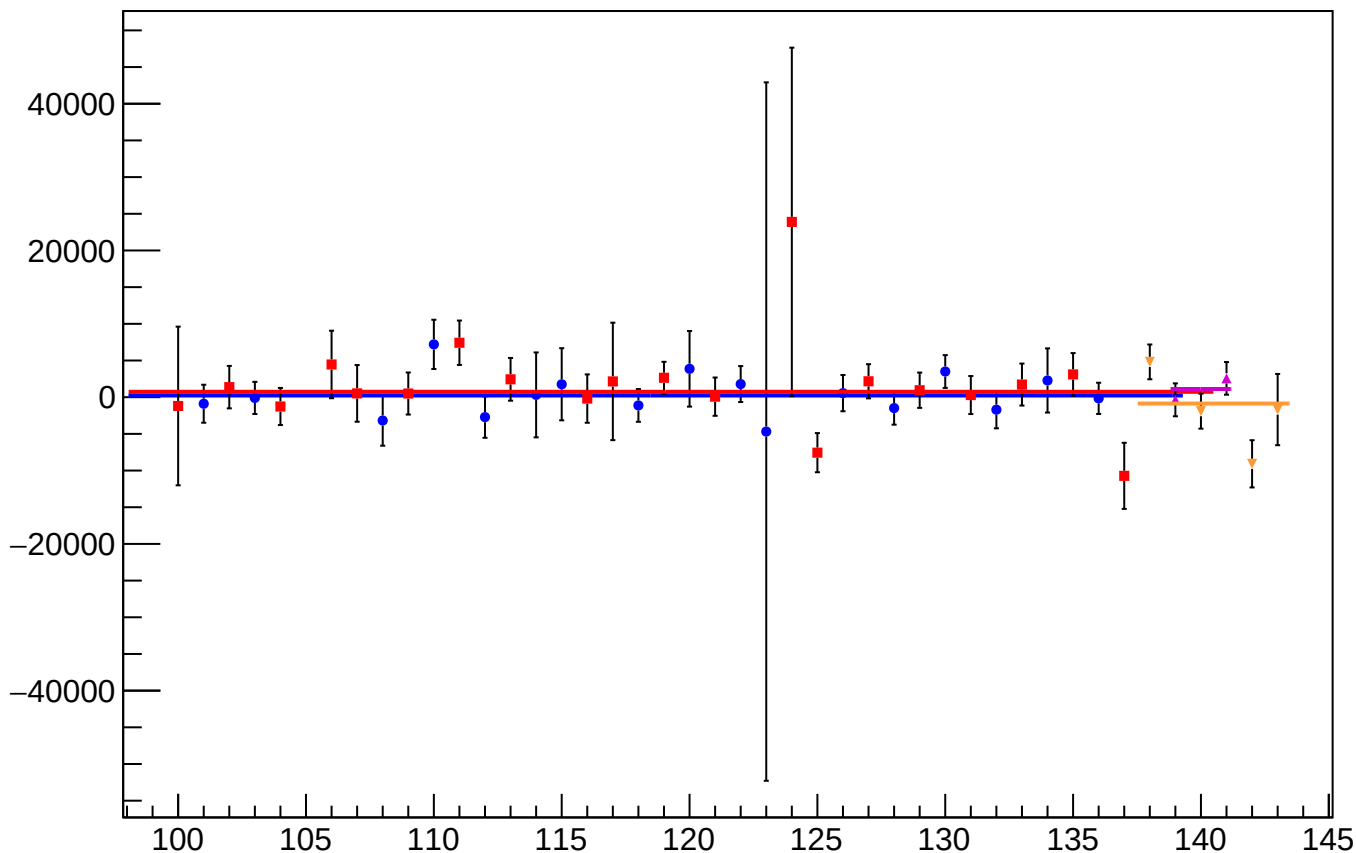
Right Out: 3081.091+/-0.895 χ^2/NDF : 2021662.5/19

Left In: 5986.911+/-3.323 χ^2/NDF :13935.5/1

3390.916+/-0.852 χ^2/NDF : 2671967.2/20

3277.621+/-0.864 χ^2/NDF : 2748635.7/21

dit_asym_atl_dd_mean vs Slug



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

Left Out: -868.789+/-1424.476 χ^2/NDF :12.5/3

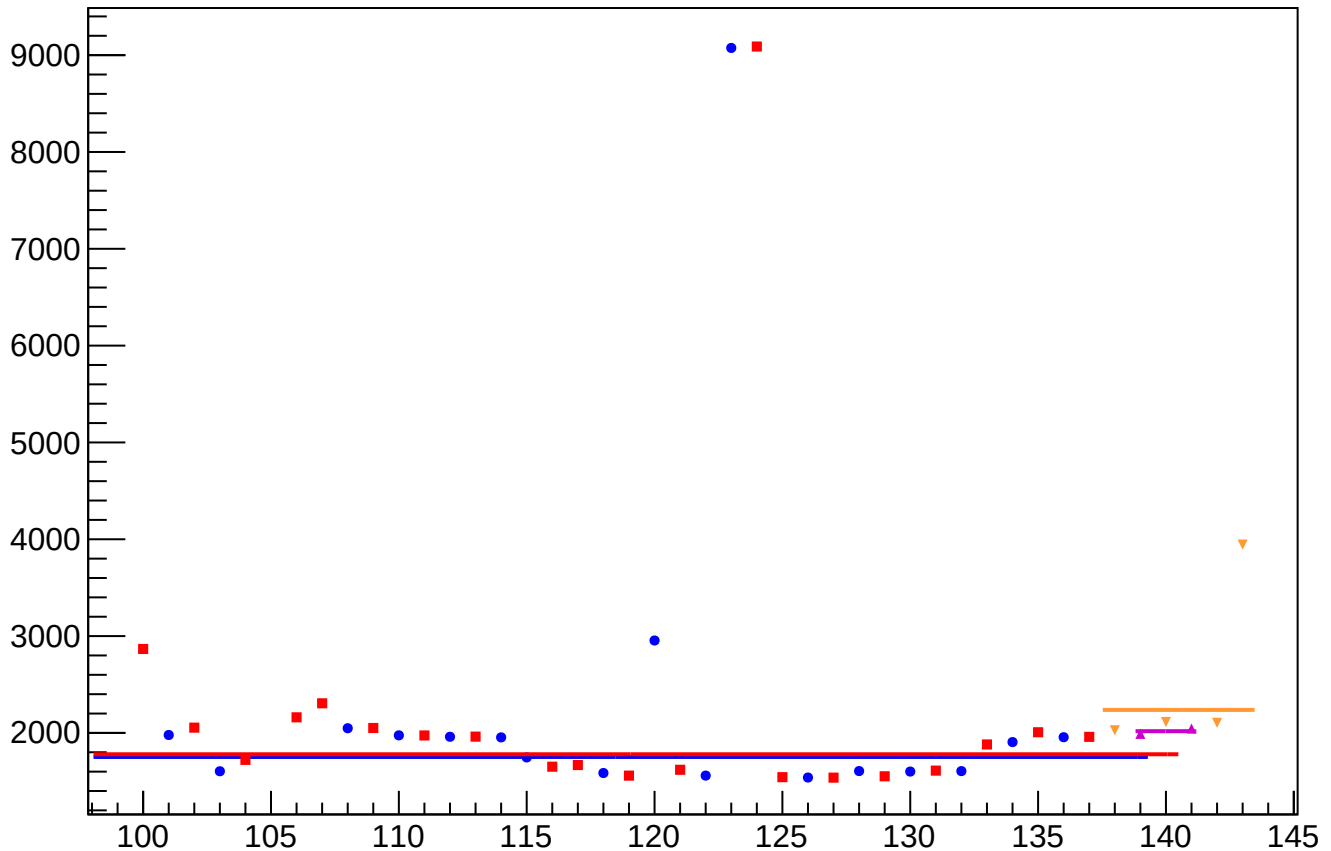
Right Out: 736.496+/-681.690 χ^2/NDF : 25.8/19

Left In: 1114.353+/-1579.241 χ^2/NDF :0.9/1

24.643+/-618.638 χ^2/NDF : 24.5/20

795.843+/-625.871 χ^2/NDF : 26.7/21

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2237.676+/-1.007 χ^2/NDF : 271861.1/3

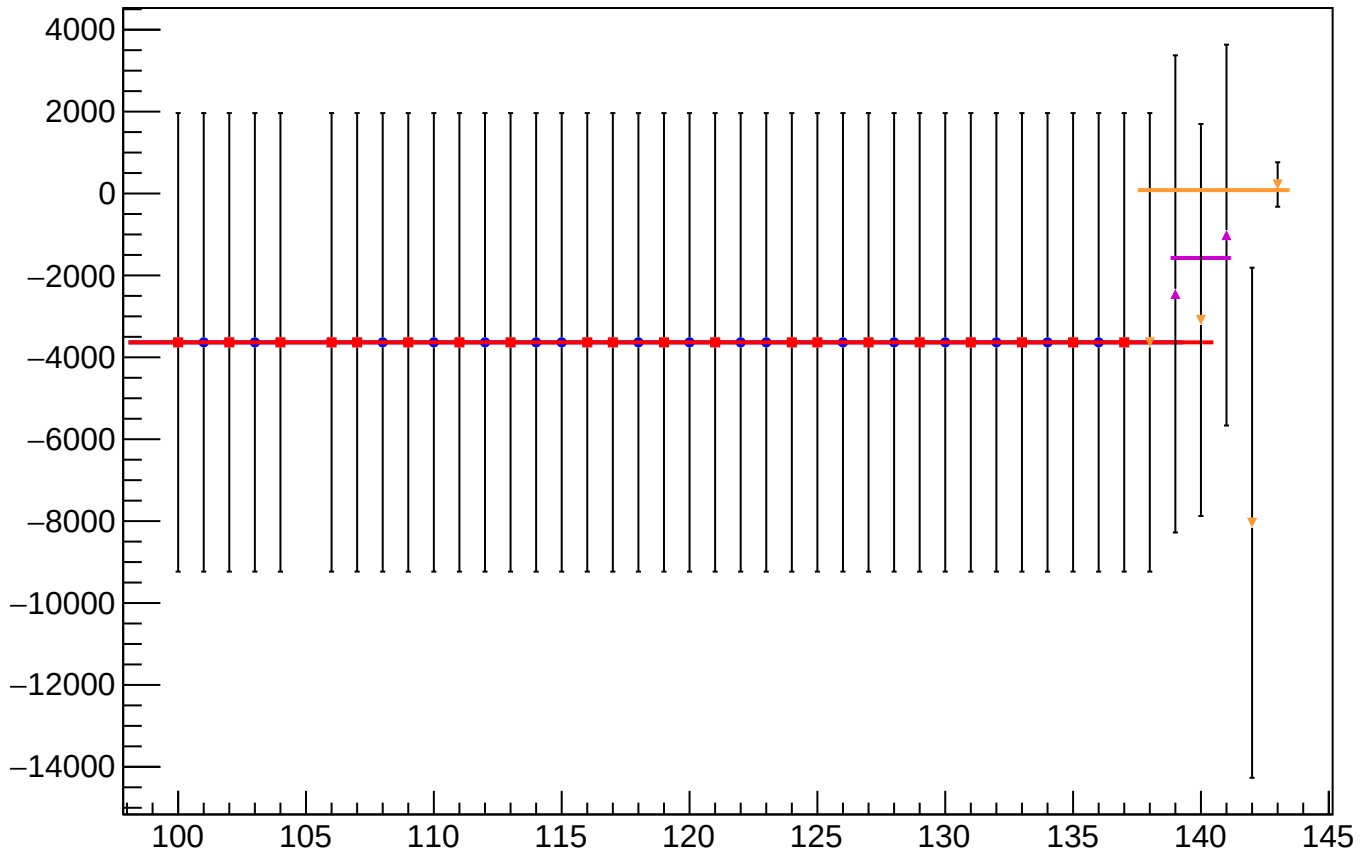
Right Out: 1779.399+/-0.481 χ^2/NDF : 428716.4/19

Left In: 2017.871+/-1.117 χ^2/NDF : 605.9/1

1843.481+/-0.437 χ^2/NDF : 761519.9/20

1816.755+/-0.442 χ^2/NDF : 467783.0/21

asym_atl_dd_correction_mean vs Slug



Right In: -3634.610+/-1357.935 χ^2 /NDF: 0.0/16

Left Out: 82.861+/-534.994 χ^2 /NDF: 2.6/3

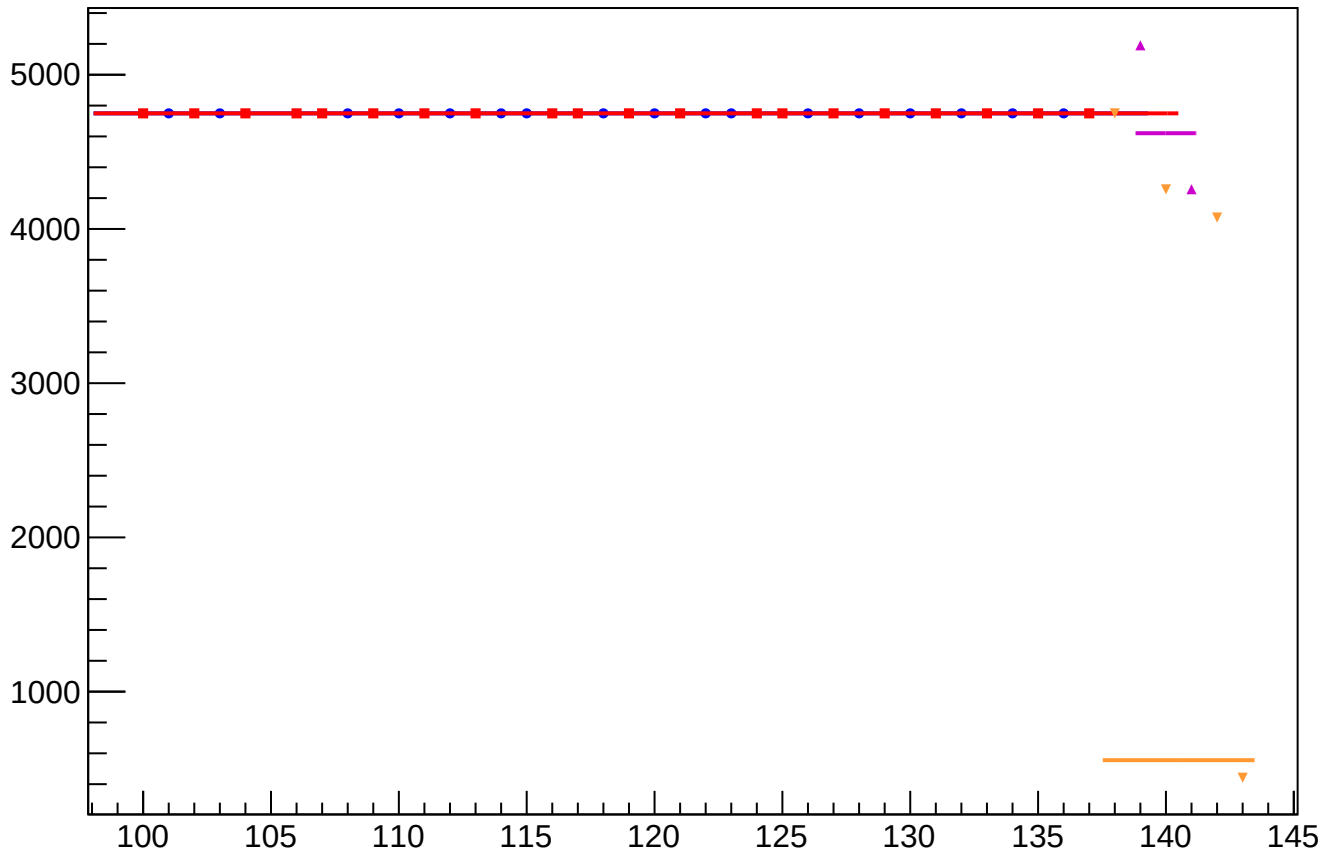
Right Out: -3634.610+/-1251.954 χ^2 /NDF: 0.0/19

Left In: -1574.217+/-3634.324 χ^2 /NDF: 0.0/1

-416.624+/-497.756 χ^2 /NDF: 9.1/20

-3416.045+/-1183.690 χ^2 /NDF: 0.3/21

asym_atl_dd_correction_rms vs Slug



Right In: 4749.613+/-0.960 χ^2/NDF : 0.0/16

Left Out: 555.495+/-0.378 χ^2/NDF :3044358.1/3

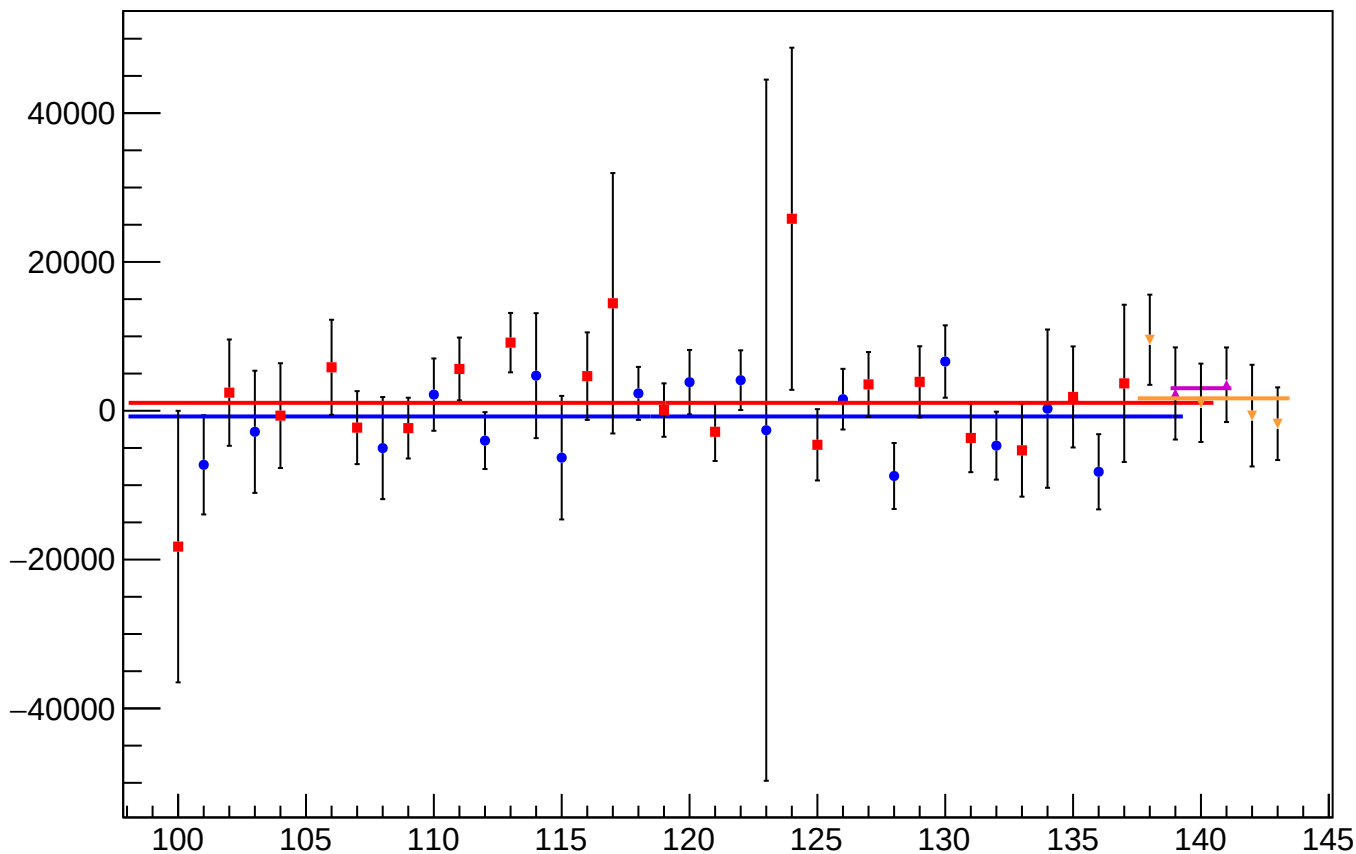
Right Out: 4749.613+/-0.885 χ^2/NDF : 0.0/19

Left In: 4620.825+/-2.570 χ^2/NDF :31347.9/1

1119.024+/-0.352 χ^2/NDF : 19559772.6/20

4735.951+/-0.837 χ^2/NDF : 33592.9/21

asym_atl_dd_mean vs Slug



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

Left Out: 1671.409+/-2810.471 χ^2/NDF : 2.3/3

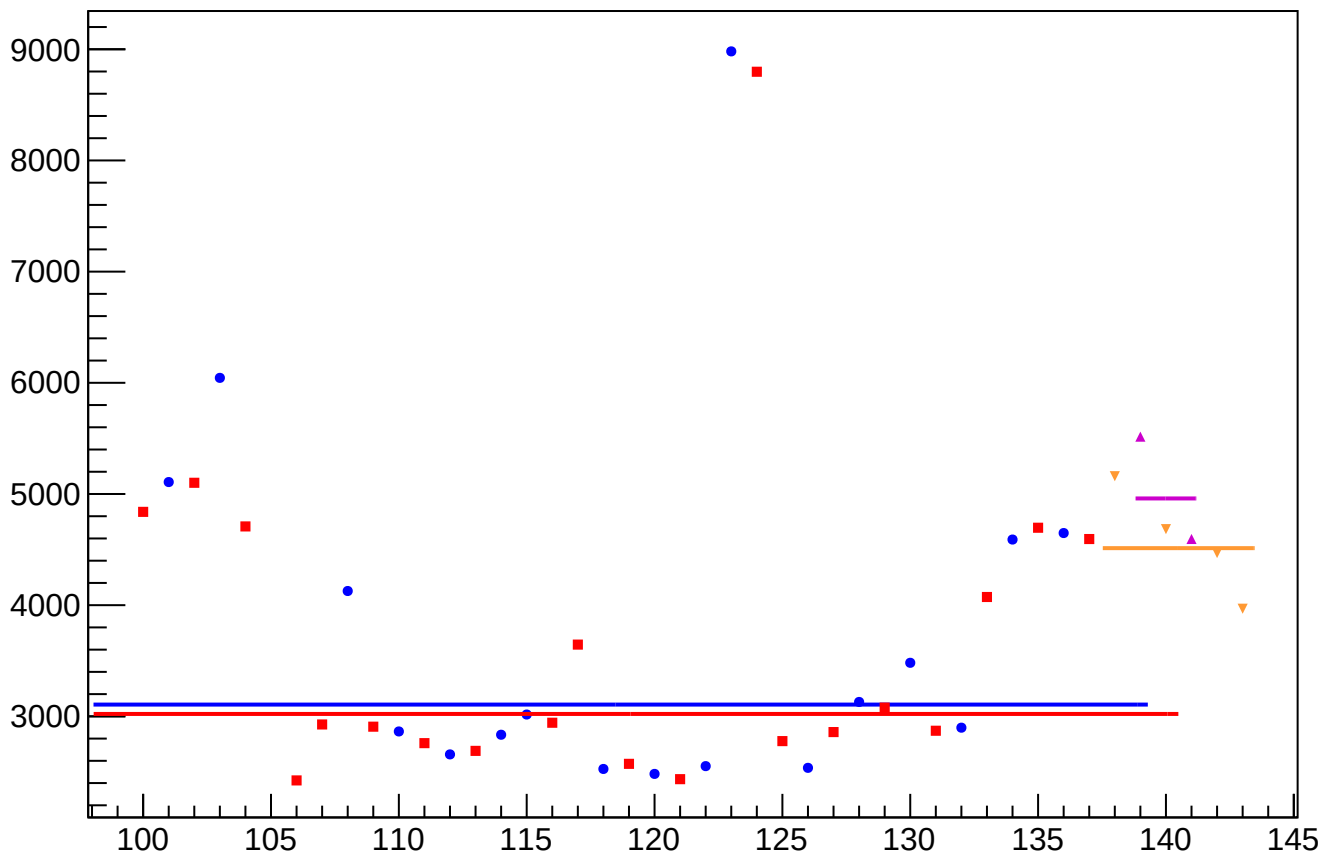
Right Out: 1066.792+/-1188.366 χ^2/NDF : 15.6/19

Left In: 3032.775+/-3896.267 χ^2/NDF : 0.0/1

-363.957+/-1140.376 χ^2/NDF : 18.5/20

1234.114+/-1136.672 χ^2/NDF : 15.9/21

asym_atl_dd_rms vs Slug



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

Left Out: 4512.873+/-1.987 χ^2/NDF : 49863.5/3

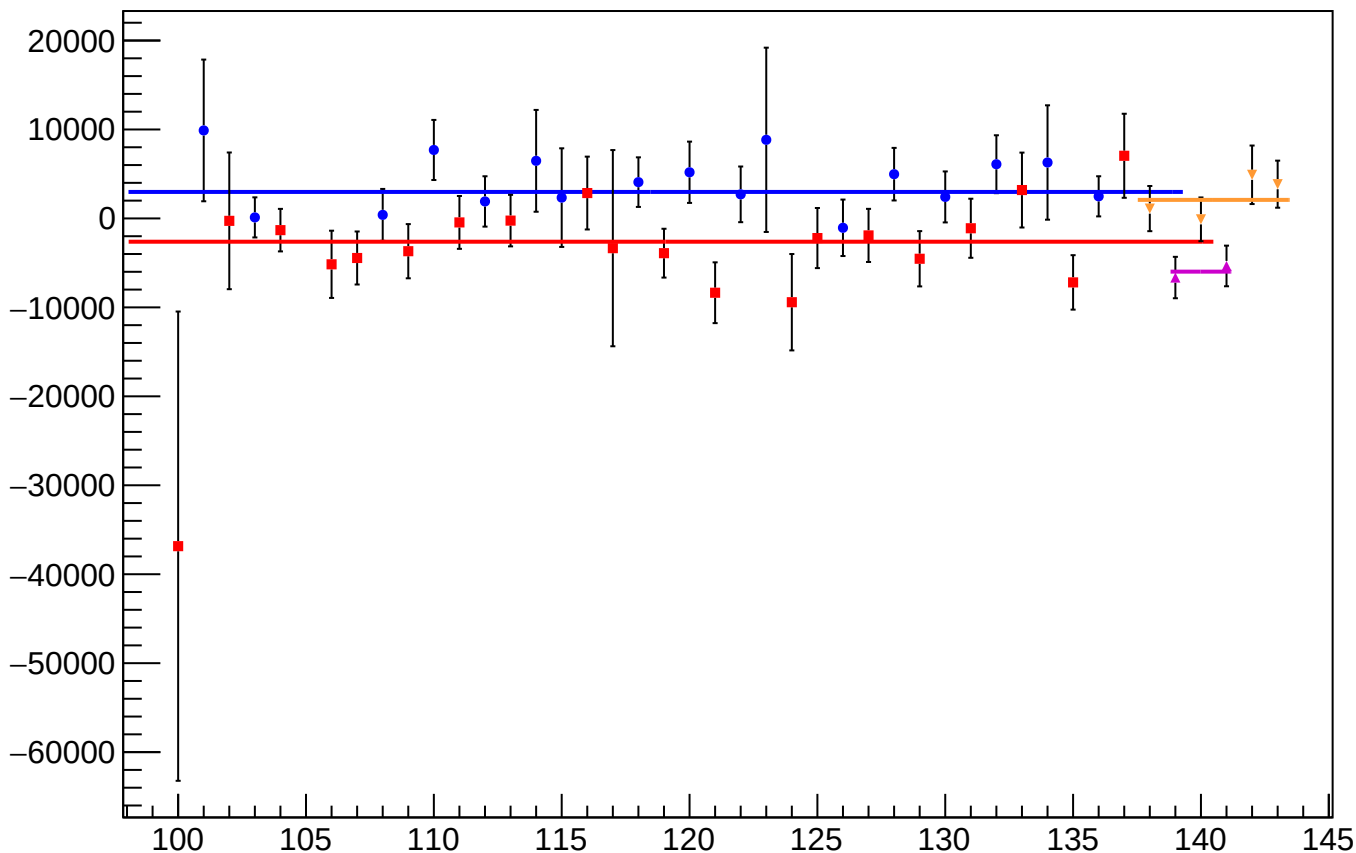
Right Out: 3021.600+/-0.830 χ^2/NDF : 796828.0/19

Left In: 4959.876+/-2.755 χ^2/NDF : 26684.3/1

3337.501+/-0.806 χ^2/NDF : 1428433.9/20

3182.837+/-0.795 χ^2/NDF : 1277292.3/21

dit_asym_atr_avg_mean vs Slug



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 2084.398 $\pm$ 1341.471 χ^2 /NDF: 2.1/3

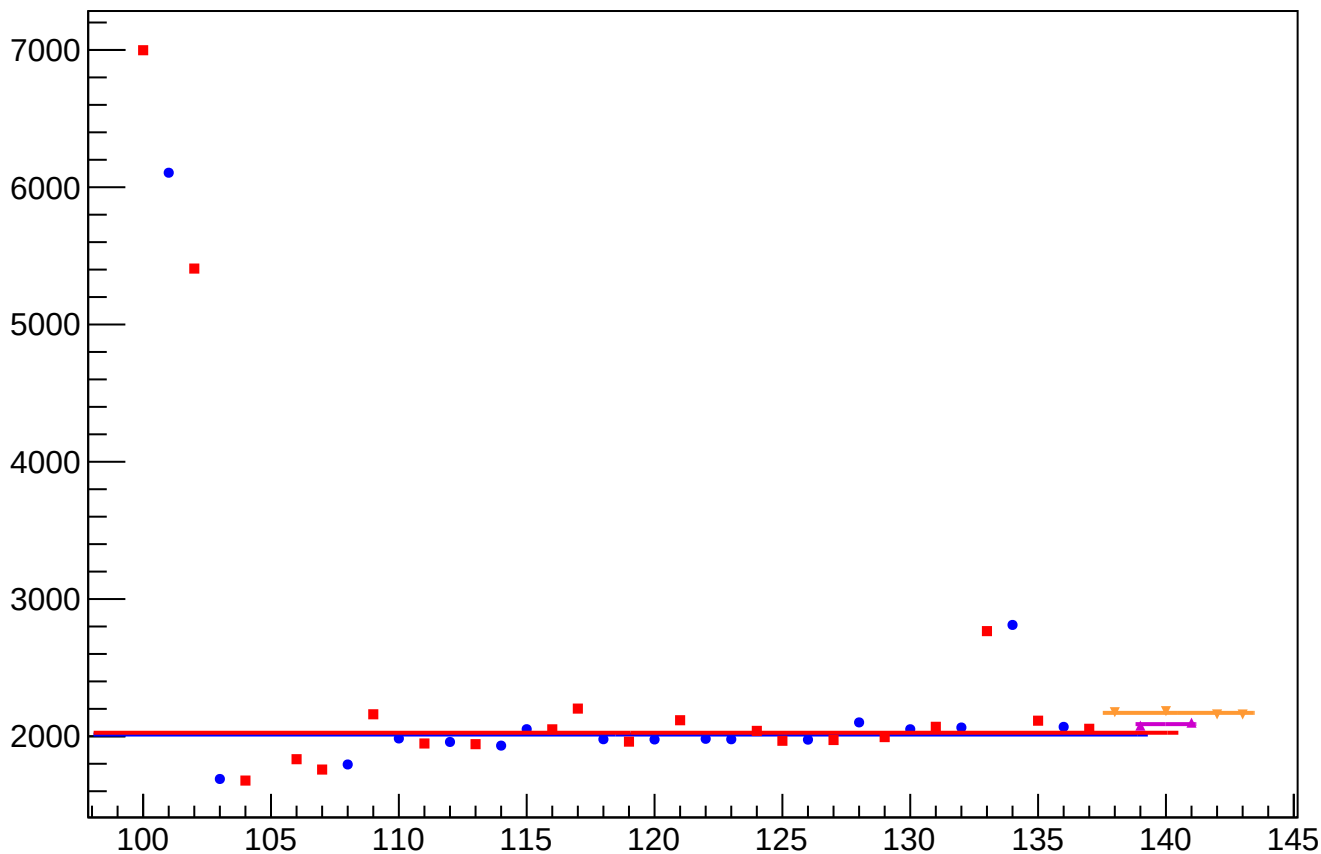
Right Out: -2617.544 $\pm$ 781.260 χ^2 /NDF: 19.6/19

Left In: -5982.389 $\pm$ 1630.760 χ^2 /NDF: 0.2/1

2745.888 $\pm$ 684.173 χ^2 /NDF: 12.3/20

-3245.664 $\pm$ 704.577 χ^2 /NDF: 23.2/21

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2170.803+/-0.949 χ^2/NDF :121.3/3

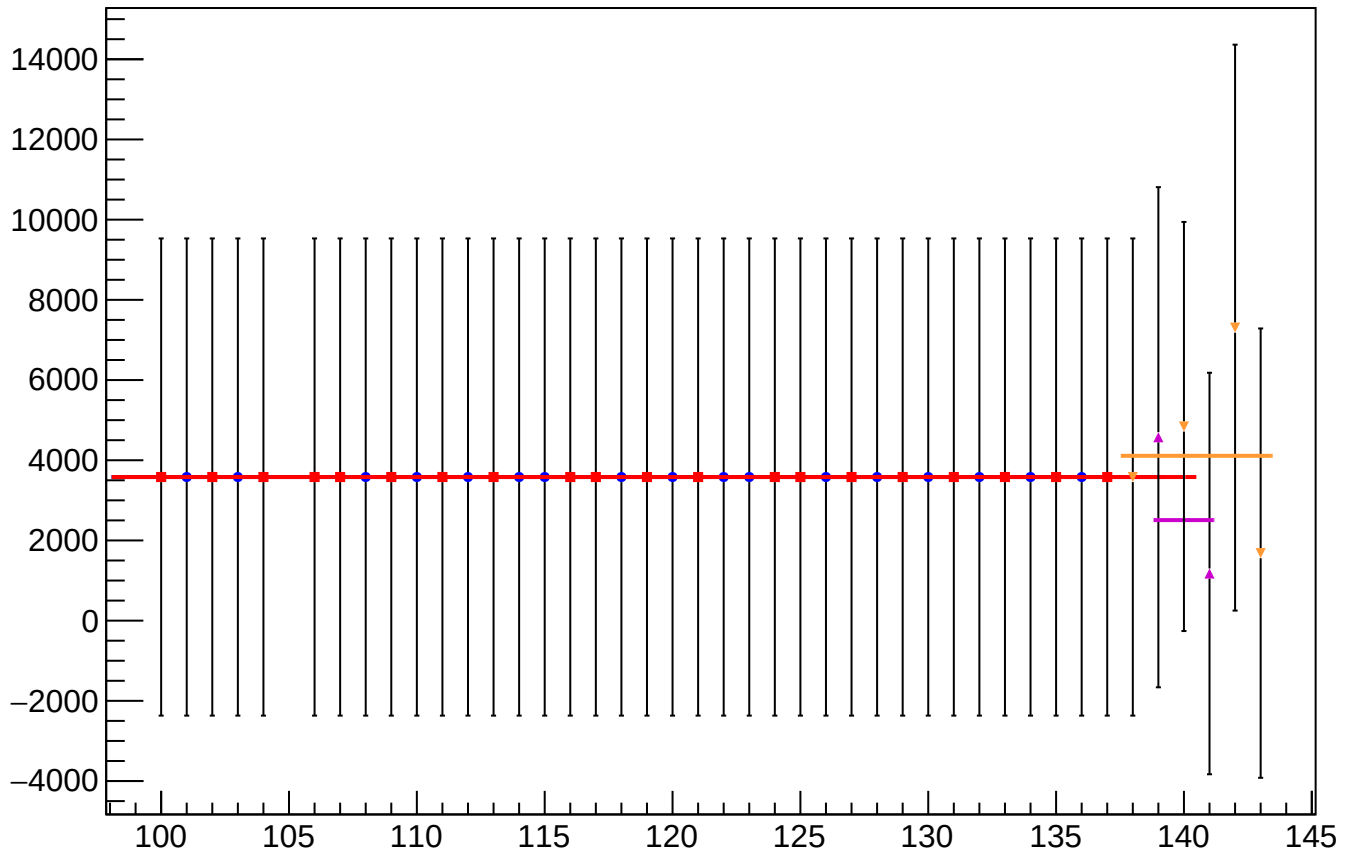
Right Out: 2025.957+/-0.552 χ^2/NDF : 597934.3/19

Left In: 2088.793+/-1.153 χ^2/NDF :88.9/1

2054.007+/-0.484 χ^2/NDF : 638319.6/20

2037.680+/-0.498 χ^2/NDF : 600438.6/21

asym_atr_avg_correction_mean vs Slug



Right In: 3581.541+/-1443.107 χ^2/NDF : 0.0/16

Left Out: 4110.889+/-2903.579 χ^2/NDF : 0.4/3

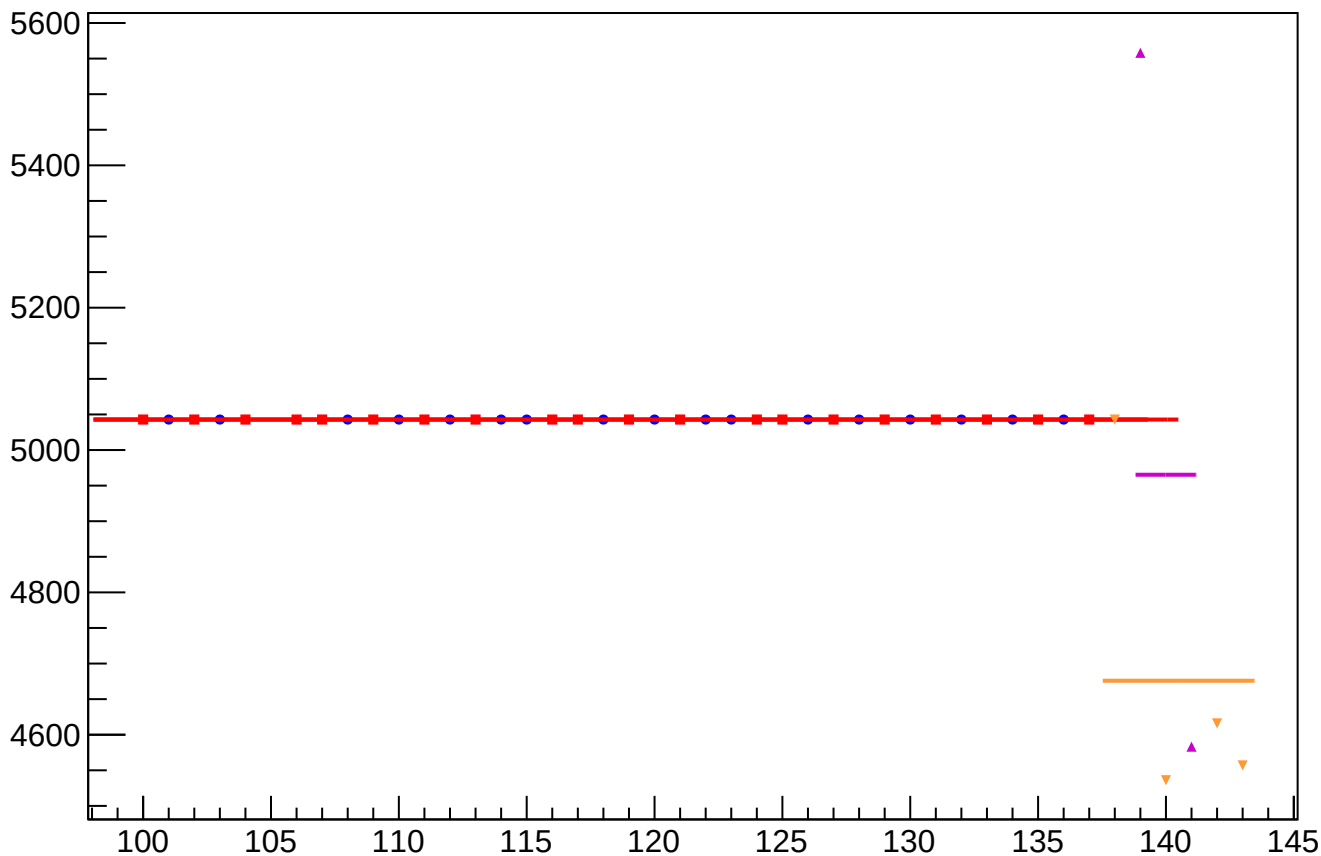
Right Out: 3581.541+/-1330.479 χ^2/NDF : 0.0/19

Left In: 2507.344+/-3904.149 χ^2/NDF : 0.2/1

3686.398+/-1292.297 χ^2/NDF : 0.4/20

3469.769+/-1259.360 χ^2/NDF : 0.2/21

asym_atr_avg_correction_rms vs Slug



Right In: 5042.846+/-1.020 χ^2/NDF : 0.0/16

Left Out: 4675.861+/-2.053 χ^2/NDF : 10156.4/3

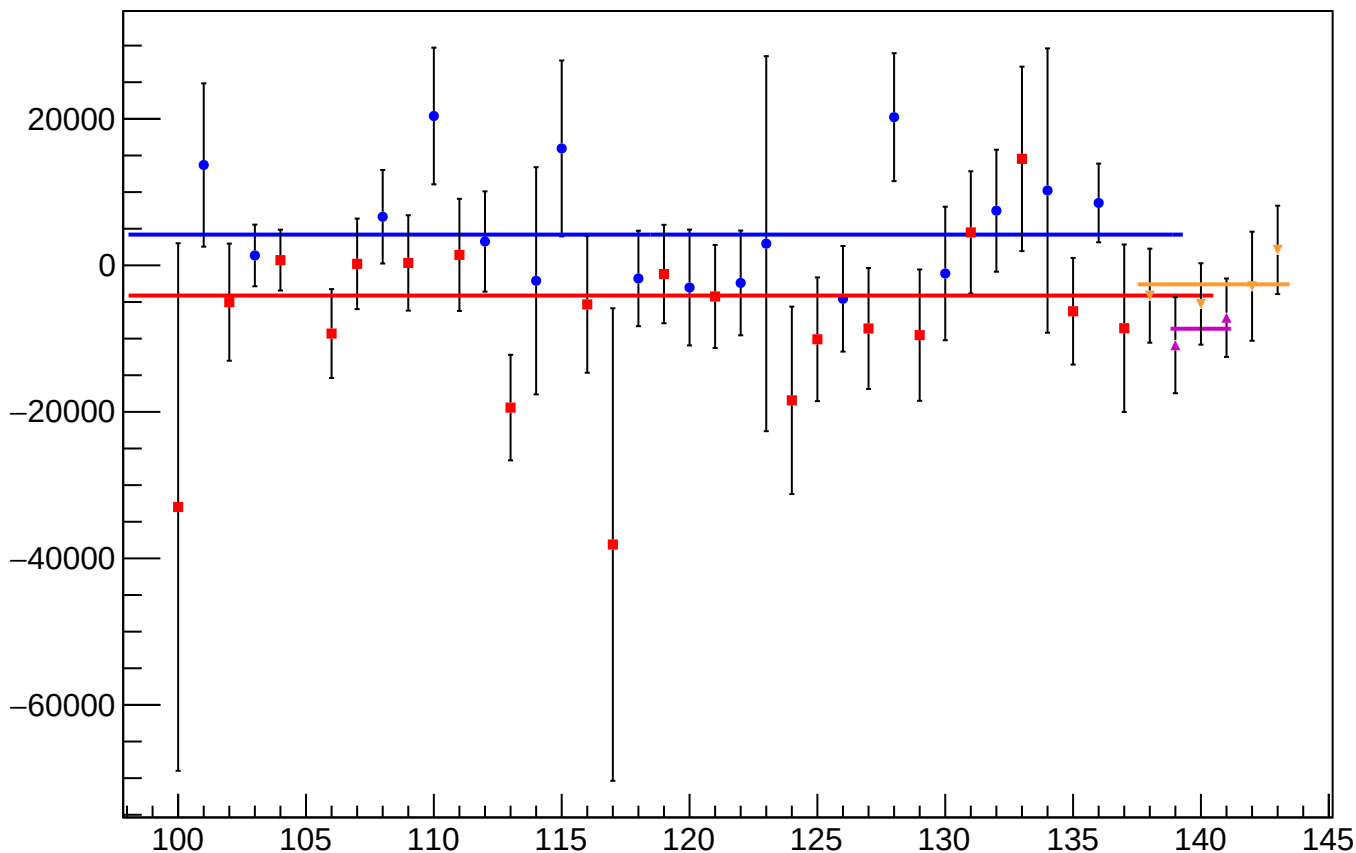
Right Out: 5042.846+/-0.941 χ^2/NDF : 0.0/19

Left In: 4965.281+/-2.761 χ^2/NDF : 29717.9/1

4970.151+/-0.914 χ^2/NDF : 35776.9/20

5034.776+/-0.891 χ^2/NDF : 30425.2/21

asym_atr_avg_mean vs Slug



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

Left Out: -2587.794+/-3127.649 χ^2/NDF : 0.9/3

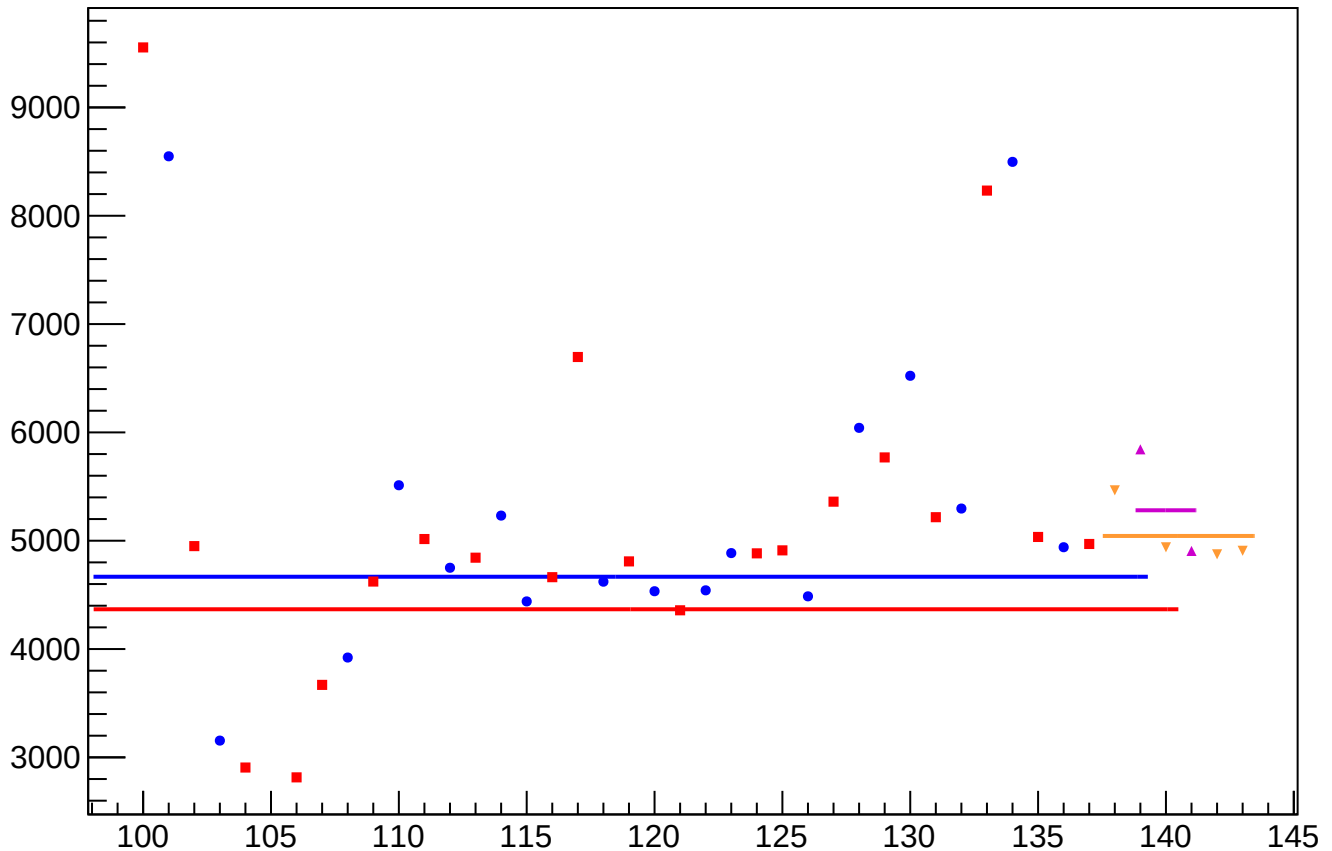
Right Out: -4120.914+/-1722.725 χ^2/NDF : 16.0/19

Left In: -8648.166+/-4147.059 χ^2/NDF : 0.2/1

2428.781+/-1597.270 χ^2/NDF : 18.5/20

-4787.183+/-1590.917 χ^2/NDF : 17.2/21

asym_atr_avg_rms vs Slug



Right In: 4667.470+/-1.314 χ^2/NDF : 777857.9/16

Left Out: 5043.984+/-2.212 χ^2/NDF :11392.5/3

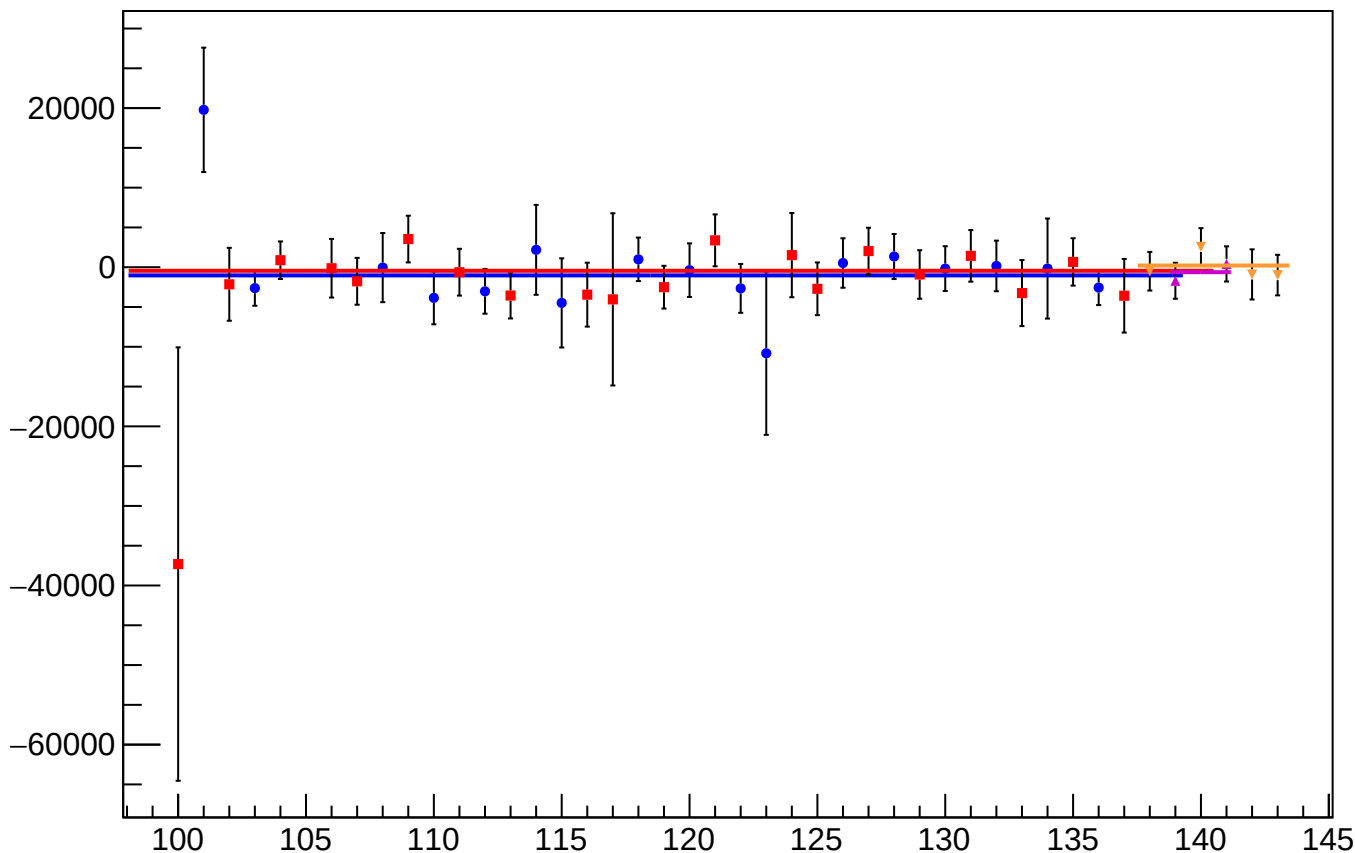
4765.668+/-1.129 χ^2/NDF : 810675.0/20

Right Out: 4367.168+/-1.211 χ^2/NDF : 843201.8/19

4500.342+/-1.119 χ^2/NDF : 950728.5/21

Left In: 5281.041+/-2.932 χ^2/NDF :24557.2/1

dit_asym_atr_dd_mean vs Slug



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

Left Out: 214.079+/-1286.579 χ^2/NDF : 1.4/3

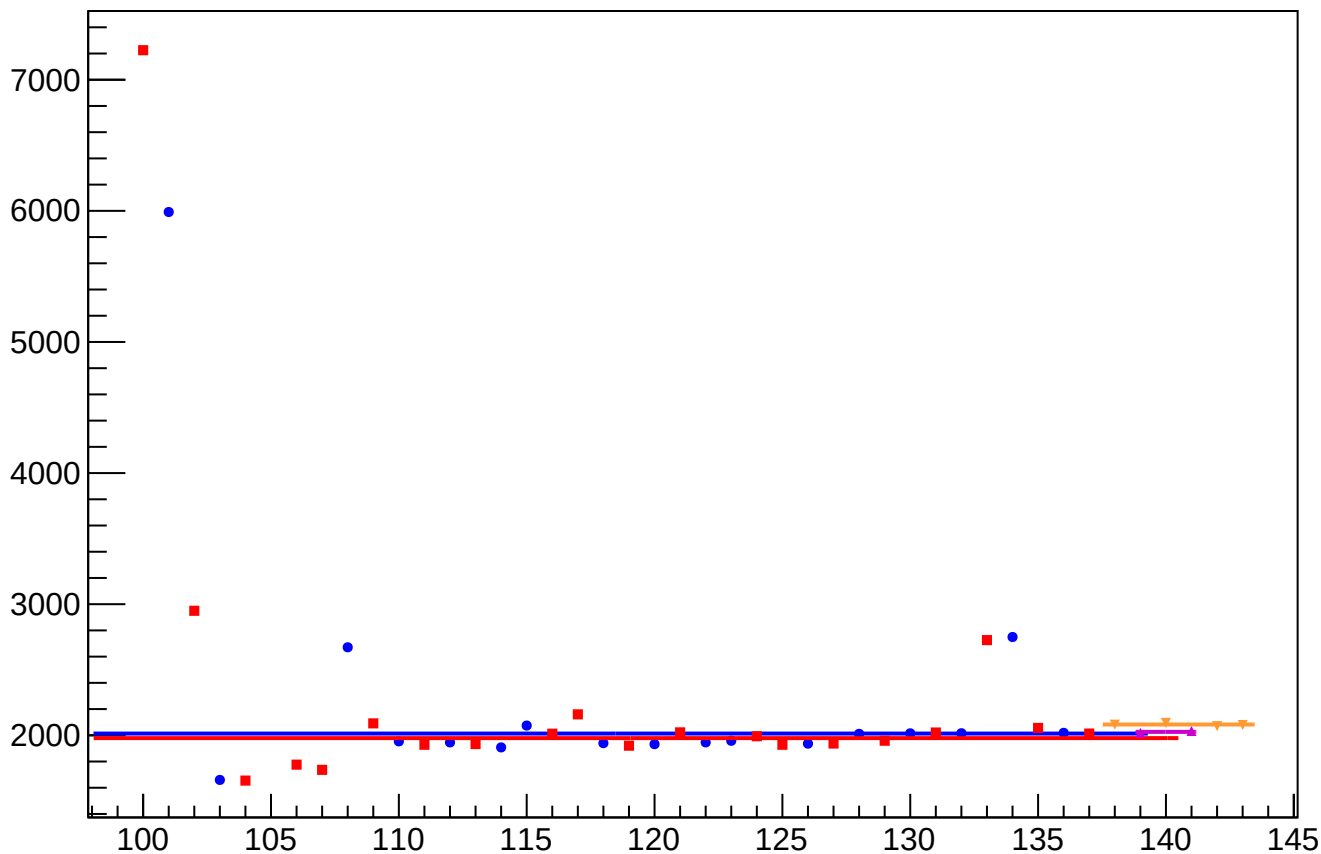
Right Out: -446.244+/-758.944 χ^2/NDF : 10.9/19

Left In: -620.236+/-1581.377 χ^2/NDF : 0.4/1

-683.108+/-677.285 χ^2/NDF : 15.1/20

-478.817+/-684.225 χ^2/NDF : 11.3/21

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2082.254+/-0.910 χ^2/NDF :90.5/3

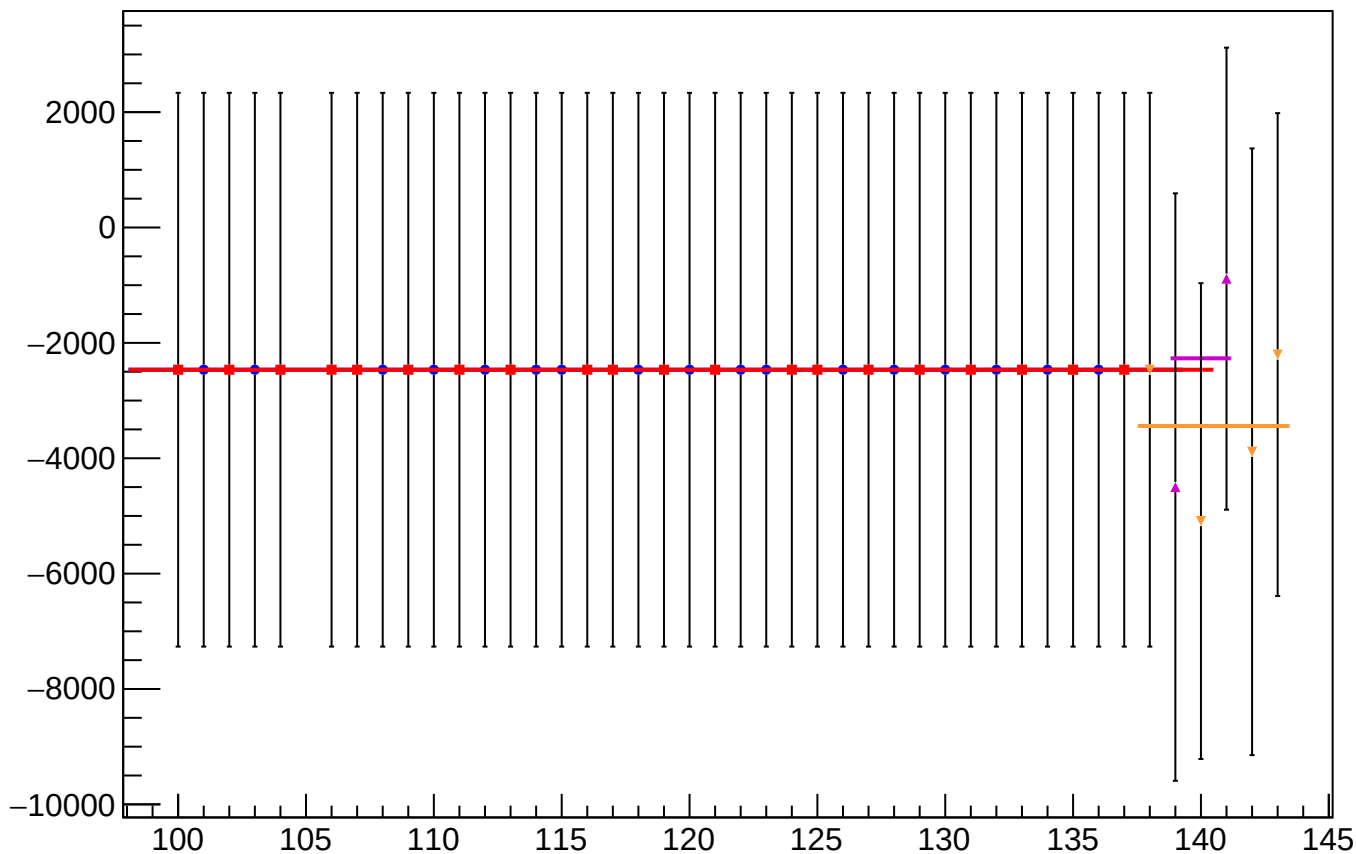
Right Out: 1978.439+/-0.536 χ^2/NDF : 295463.2/19

Left In: 2026.088+/-1.118 χ^2/NDF :42.6/1

2032.387+/-0.479 χ^2/NDF : 654295.5/20

1987.344+/-0.483 χ^2/NDF : 296982.3/21

asym_atr_dd_correction_mean vs Slug



Right In: -2465.419+/-1164.152 χ^2/NDF : 0.0/16

Left Out: -3441.118+/-2262.034 χ^2/NDF : 0.3/3

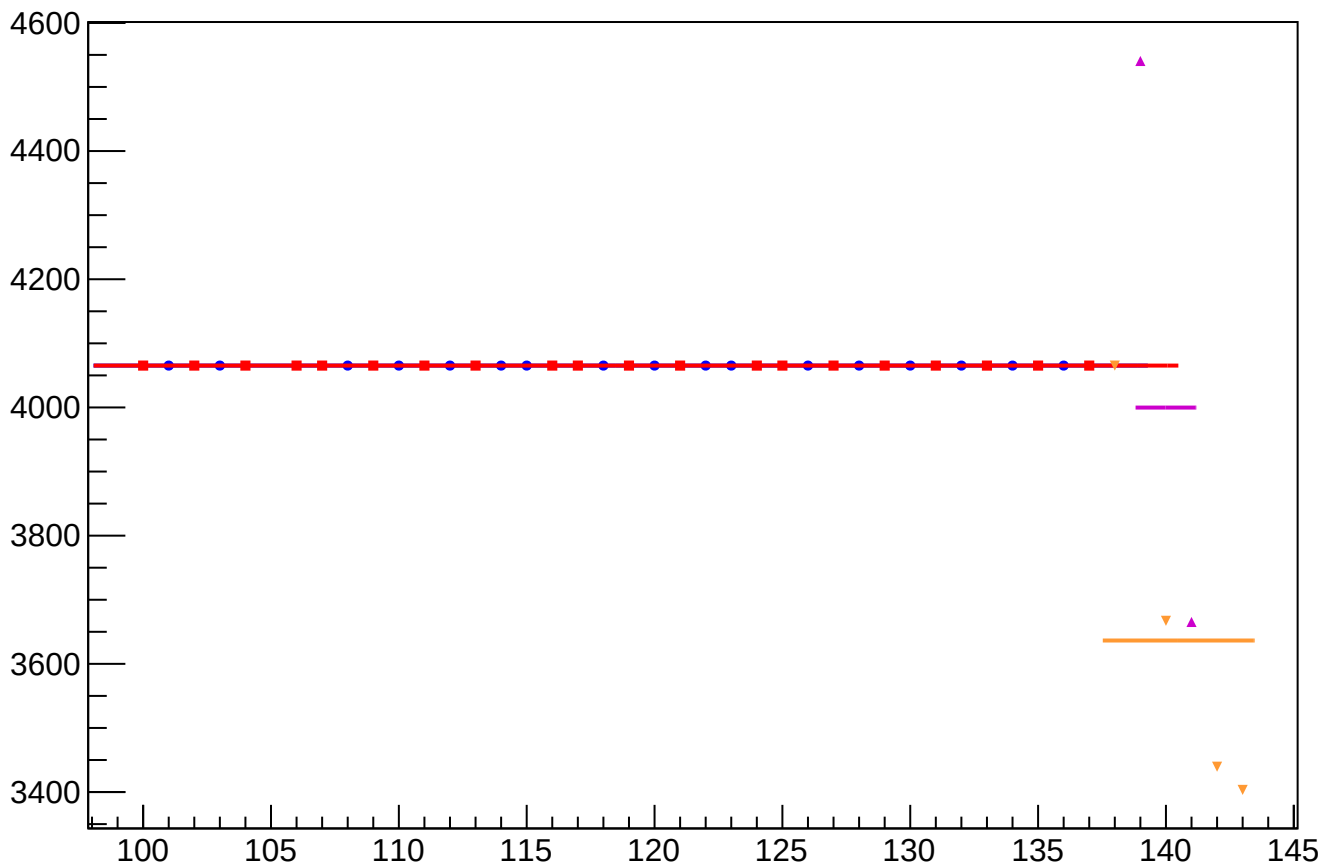
Right Out: -2465.419+/-1073.295 χ^2/NDF : 0.0/19

Left In: -2267.689+/-3147.727 χ^2/NDF : 0.3/1

-2669.731+/-1035.114 χ^2/NDF : 0.4/20

-2444.825+/-1015.865 χ^2/NDF : 0.3/21

asym_atr_dd_correction_rms vs Slug



Right In: 4065.315 $\pm$ 0.823 χ^2 /NDF: 0.0/16

Left Out: 3636.416 $\pm$ 1.599 χ^2 /NDF: 25084.2/3

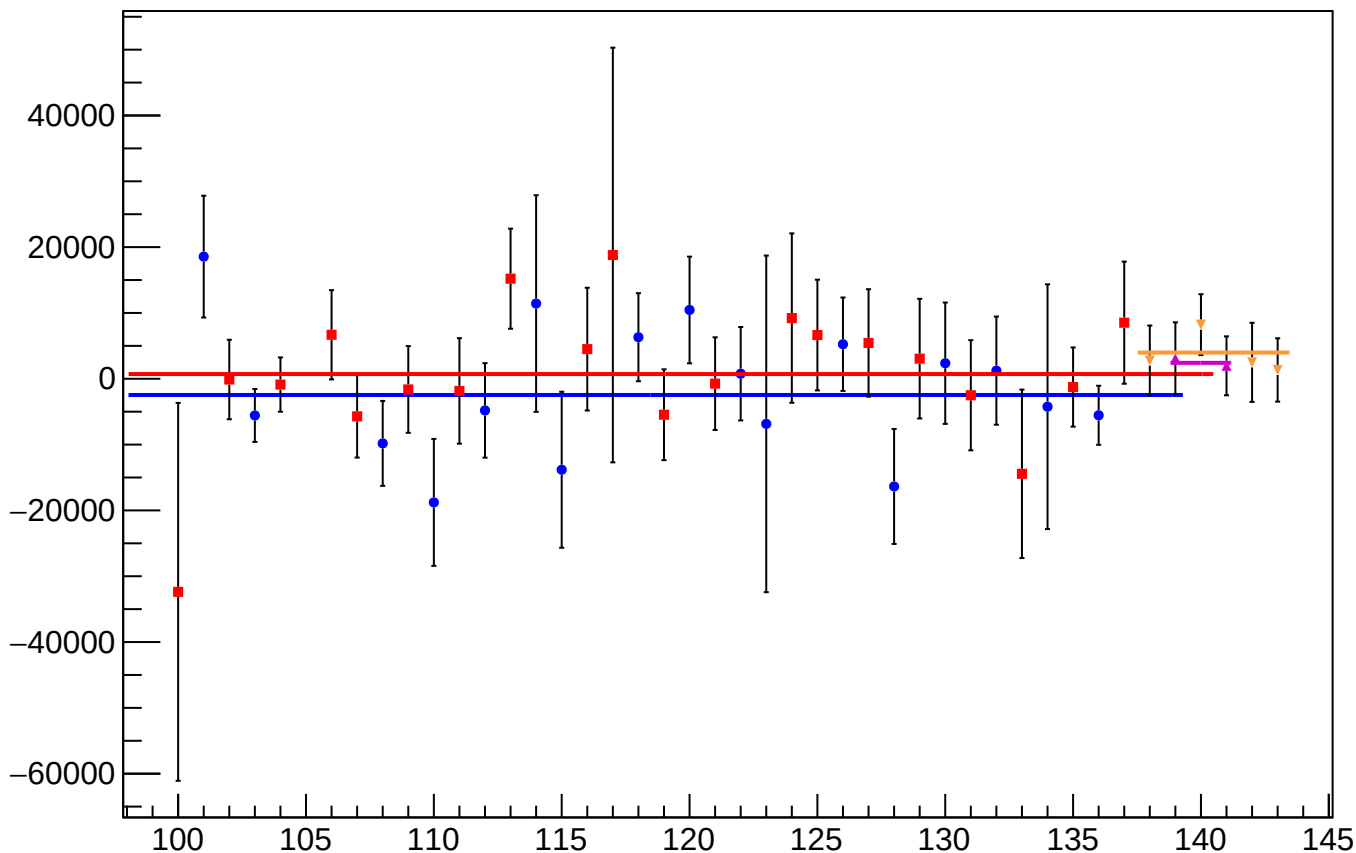
Right Out: 4065.315 $\pm$ 0.759 χ^2 /NDF: 0.0/19

Left In: 3999.801 $\pm$ 2.226 χ^2 /NDF: 36502.8/1

3975.503 $\pm$ 0.732 χ^2 /NDF: 81929.8/20

4058.491 $\pm$ 0.718 χ^2 /NDF: 37279.0/21

asym_atr_dd_mean vs Slug



Right In: -2462.254+/-1797.293 χ^2/NDF : 20.8/16

Left Out: 3982.165+/-2557.905 χ^2/NDF : 1.3/3

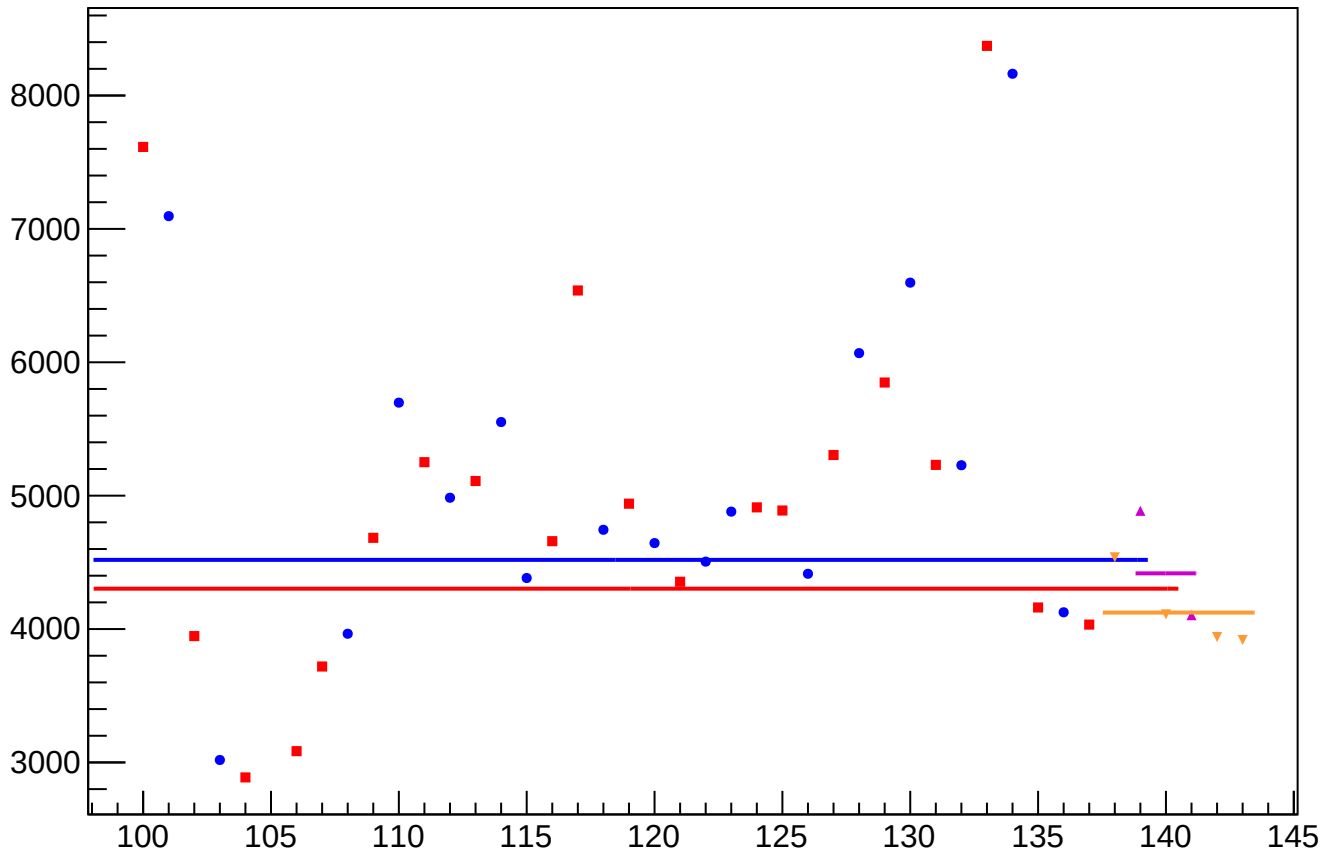
Right Out: 718.204+/-1687.386 χ^2/NDF : 12.2/19

Left In: 2420.359+/-3466.238 χ^2/NDF : 0.0/1

-332.216+/-1470.572 χ^2/NDF : 26.3/20

1044.302+/-1517.166 χ^2/NDF : 12.4/21

asym_atr_dd_rms vs Slug



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

Left Out: 4123.484+/-1.809 χ^2/NDF : 17620.7/3

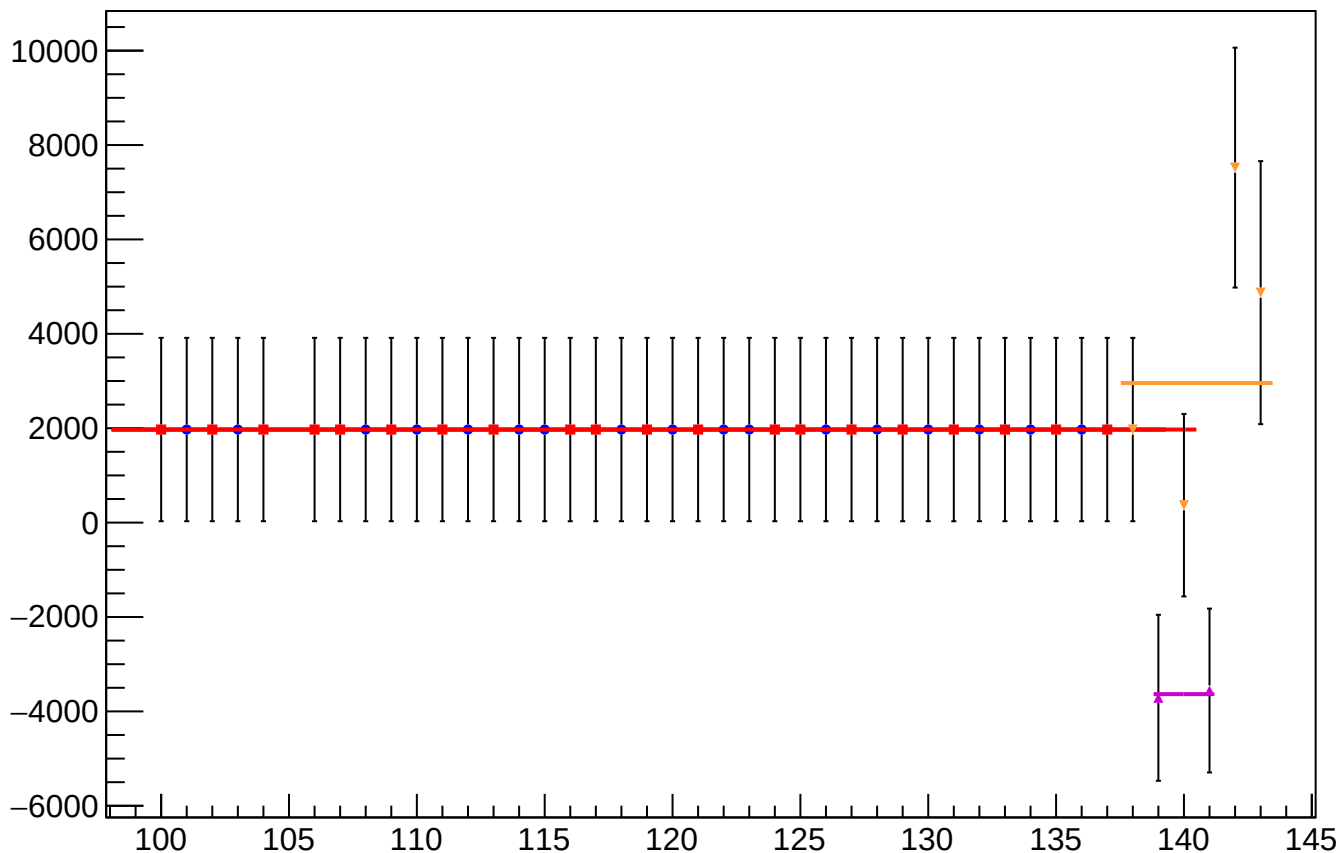
4388.061+/-1.040 χ^2/NDF : 819809.2/20

Right Out: 4302.741+/-1.187 χ^2/NDF : 781804.7/19

4324.523+/-1.068 χ^2/NDF : 808049.1/21

Left In: 4417.463+/-2.451 χ^2/NDF : 24469.6/1

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1971.753+/-471.191 χ^2 /NDF: 0.0/16

Left Out: 2956.575+/-1106.839 χ^2 /NDF:5.7/3

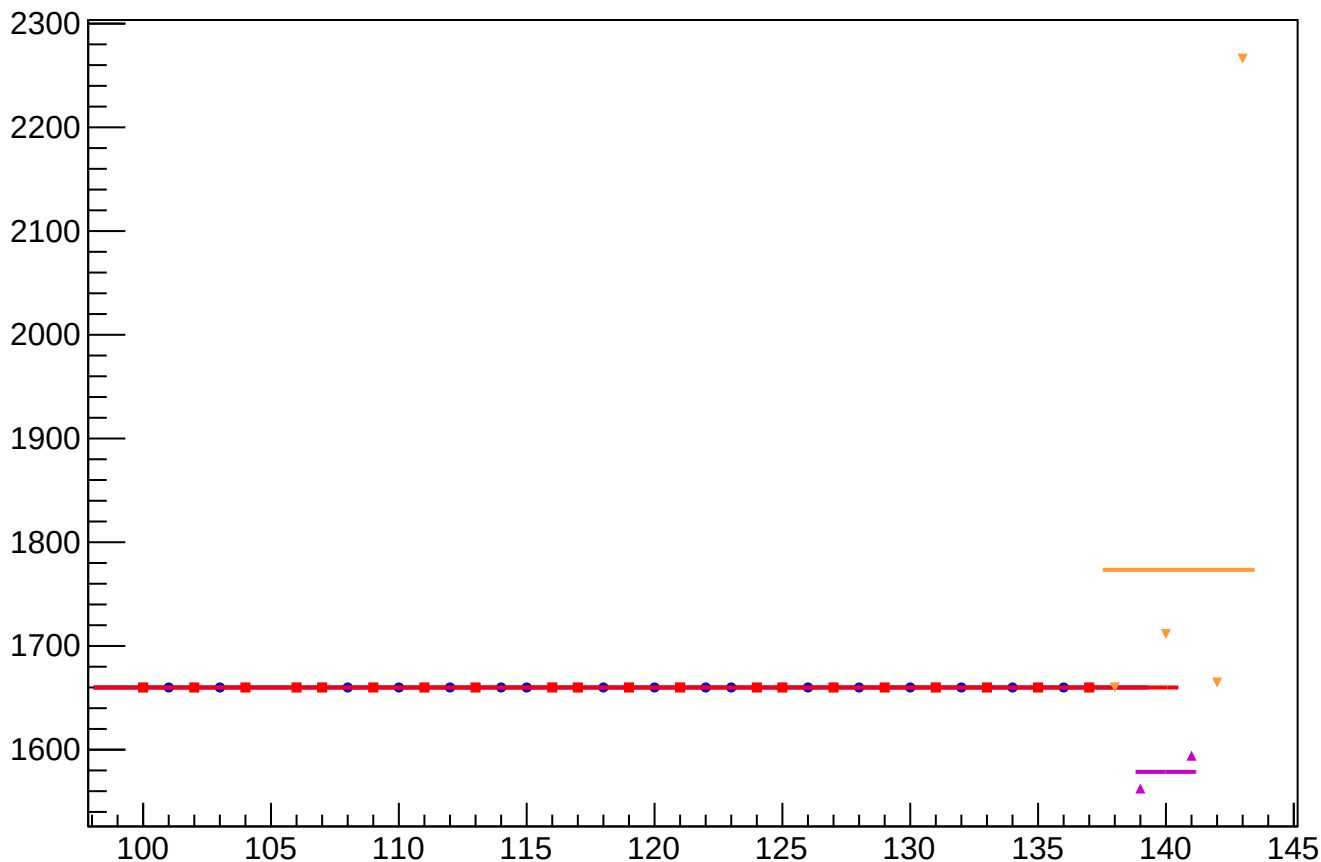
Right Out: 1971.753+/-434.417 χ^2 /NDF: 0.0/19

Left In: -3633.869+/-1235.442 χ^2 /NDF:0.0/1

2122.848+/-433.541 χ^2 /NDF: 6.4/20

1354.925+/-409.819 χ^2 /NDF: 18.3/21

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1659.972 $\pm$ 0.333 χ^2 /NDF: 0.0/16

Left Out: 1773.376 $\pm$ 0.783 χ^2 /NDF:75080.9/3

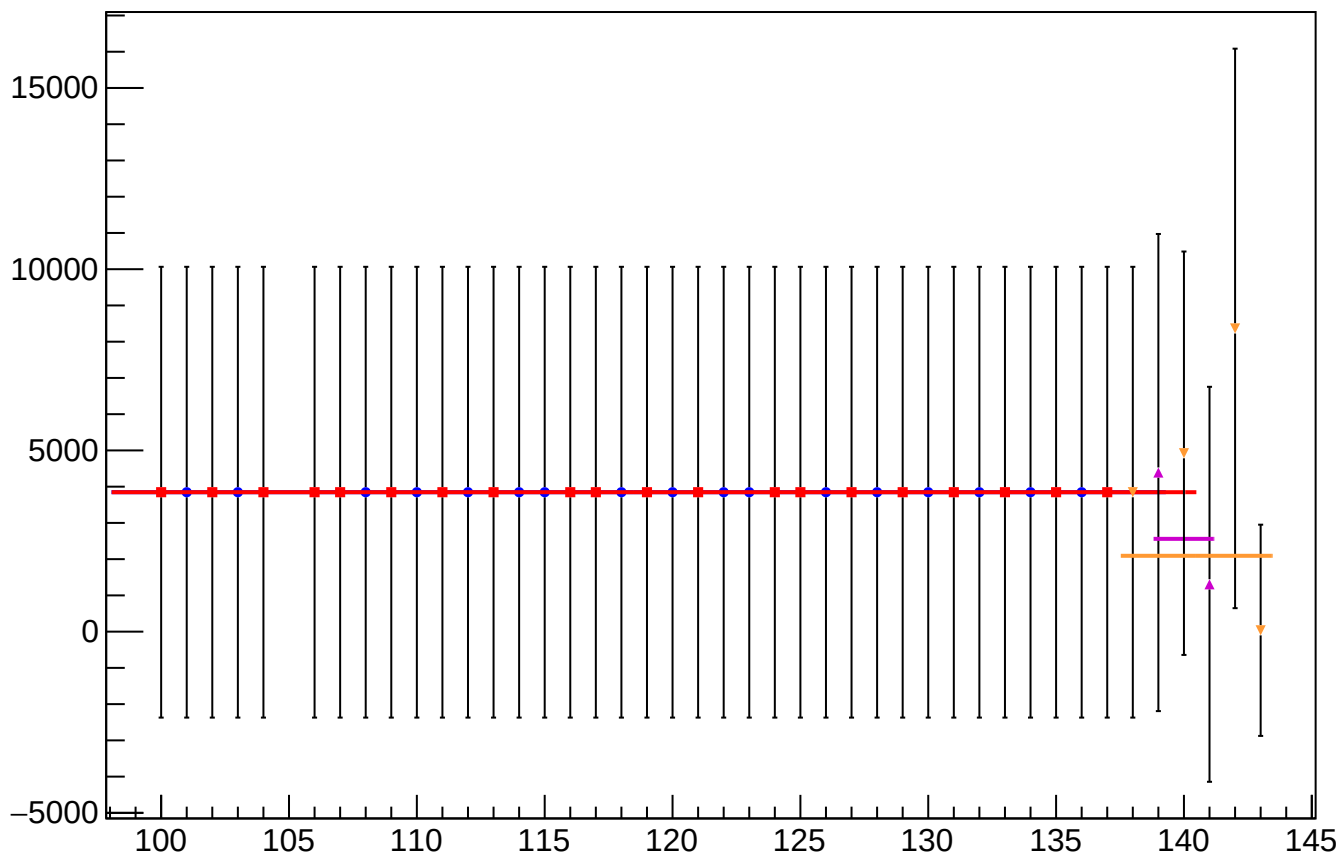
Right Out: 1659.972 $\pm$ 0.307 χ^2 /NDF: 0.0/19

Left In: 1578.613 $\pm$ 0.874 χ^2 /NDF:328.2/1

1677.370 $\pm$ 0.307 χ^2 /NDF: 92854.8/20

1651.019 $\pm$ 0.290 χ^2 /NDF: 8047.4/21

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: 3847.115 $\pm$ 1508.277 χ^2 /NDF: 0.0/16

Left Out: 2092.571 $\pm$ 2278.105 χ^2 /NDF:1.5/3

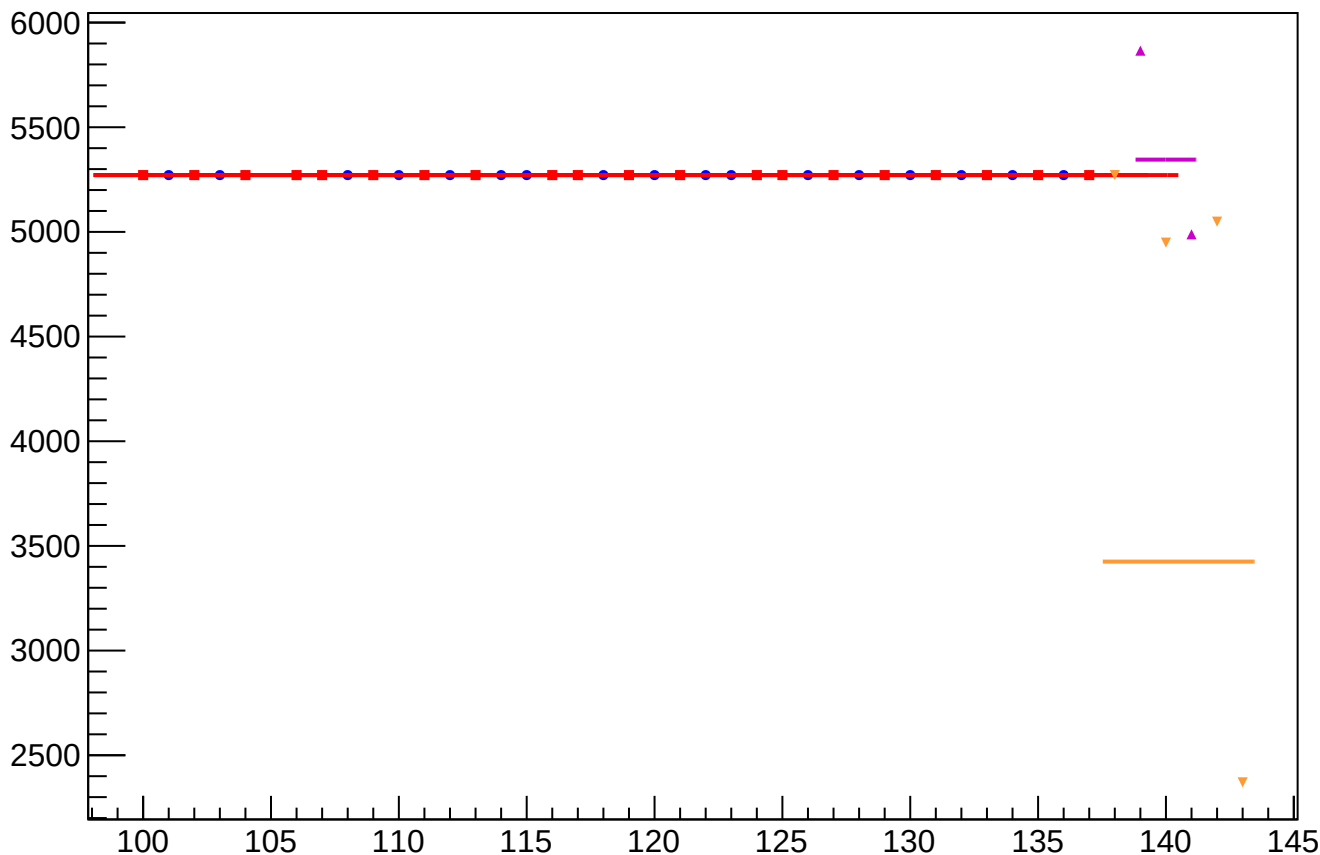
Right Out: 3847.115 $\pm$ 1390.563 χ^2 /NDF: 0.0/19

Left In: 2560.003 $\pm$ 4197.399 χ^2 /NDF:0.1/1

3312.408 $\pm$ 1257.621 χ^2 /NDF: 1.9/20

3719.821 $\pm$ 1320.010 χ^2 /NDF: 0.2/21

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 5271.366+/-1.067 χ^2/NDF : 0.0/16

Left Out: 3425.110+/-1.611 χ^2/NDF : 676657.1/3

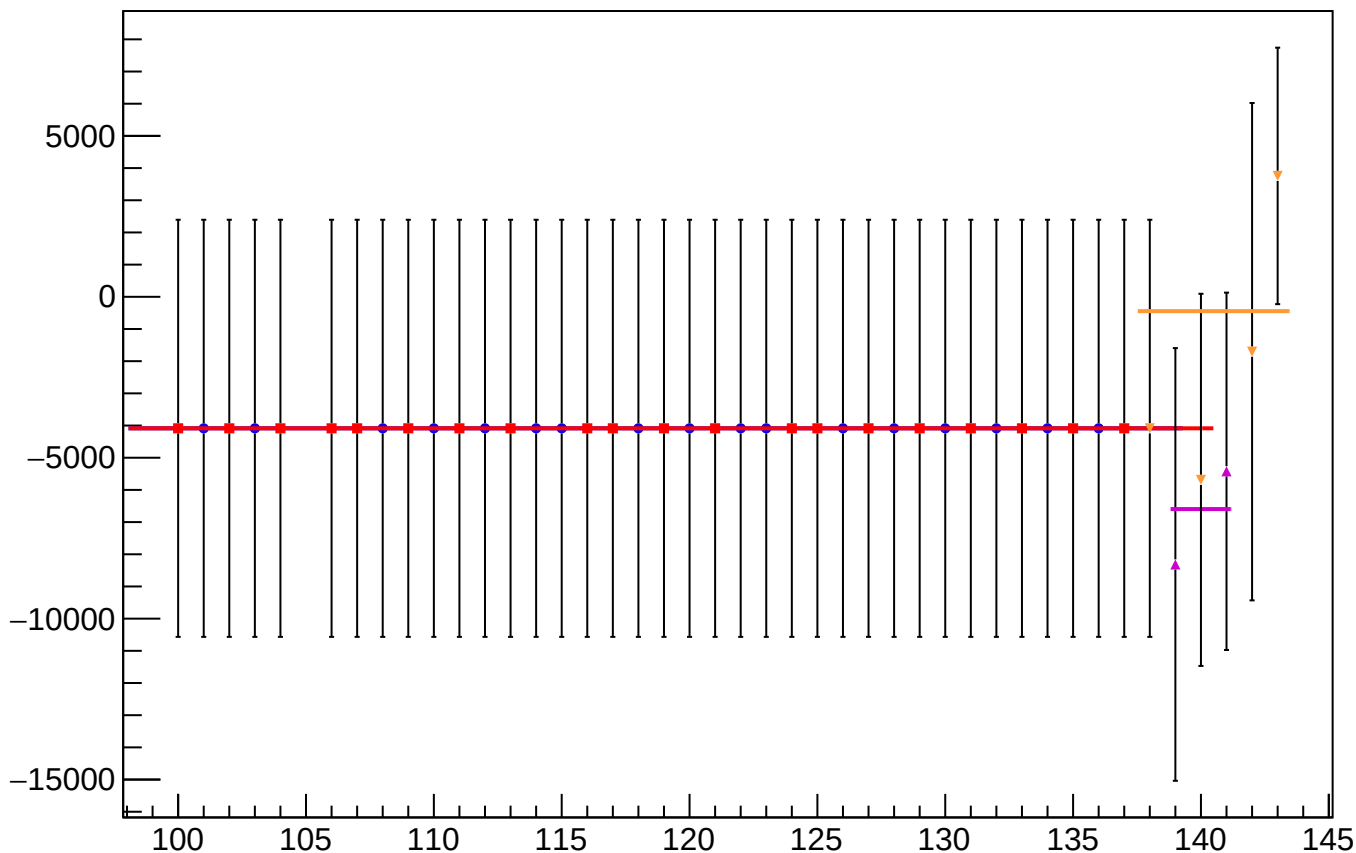
Right Out: 5271.366+/-0.983 χ^2/NDF : 0.0/19

Left In: 5345.255+/-2.968 χ^2/NDF : 21084.3/1

4708.709+/-0.889 χ^2/NDF : 1589935.6/20

5278.673+/-0.933 χ^2/NDF : 21642.8/21

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: -4086.240+/-1571.736 χ^2/NDF : 0.0/16

Left Out: -444.655+/-2737.307 χ^2/NDF : 2.3/3

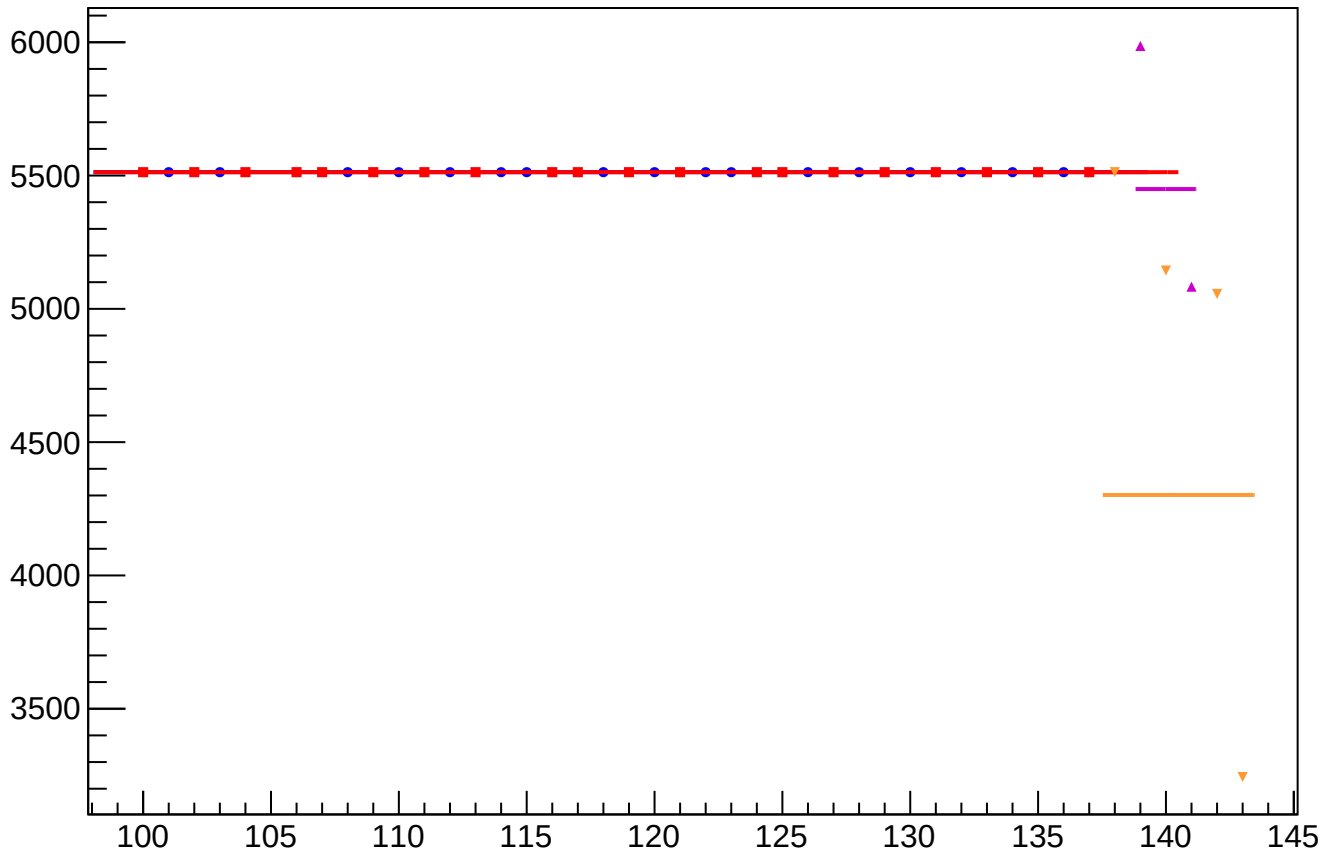
Right Out: -4086.240+/-1449.069 χ^2/NDF : 0.0/19

Left In: -6595.460+/-4280.693 χ^2/NDF : 0.1/1

-3183.317+/-1363.024 χ^2/NDF : 3.6/20

-4344.212+/-1372.560 χ^2/NDF : 0.4/21

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 5512.679+/-1.111 χ^2/NDF : 0.0/16

Left Out: 4301.808+/-1.936 χ^2/NDF : 272297.6/3

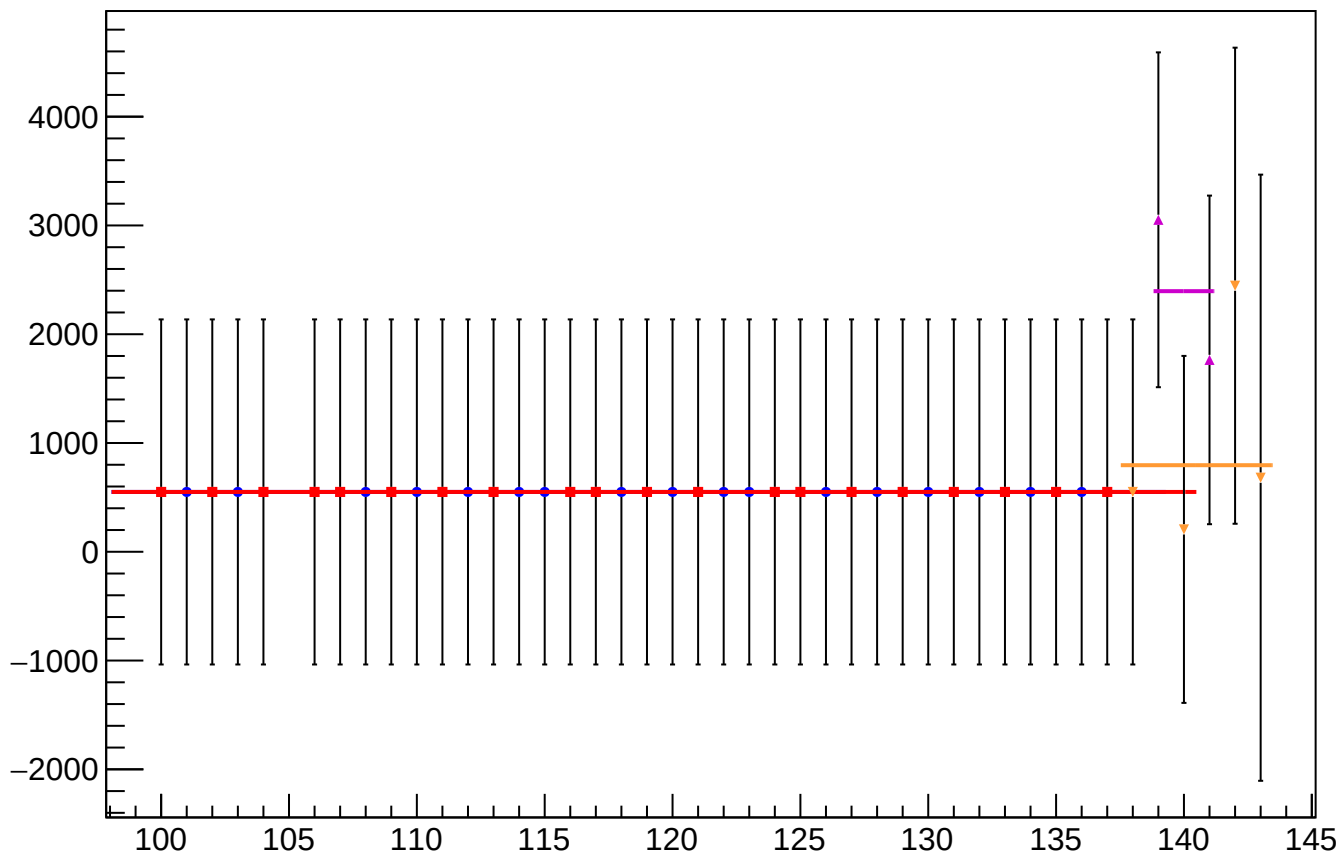
Right Out: 5512.679+/-1.025 χ^2/NDF : 0.0/19

Left In: 5449.391+/-3.027 χ^2/NDF : 21450.5/1

5212.446+/-0.964 χ^2/NDF : 566622.4/20

5506.173+/-0.971 χ^2/NDF : 21842.7/21

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 550.049+/-384.722 χ^2/NDF : 0.0/16

Left Out: 795.919+/-941.494 χ^2/NDF : 0.7/3

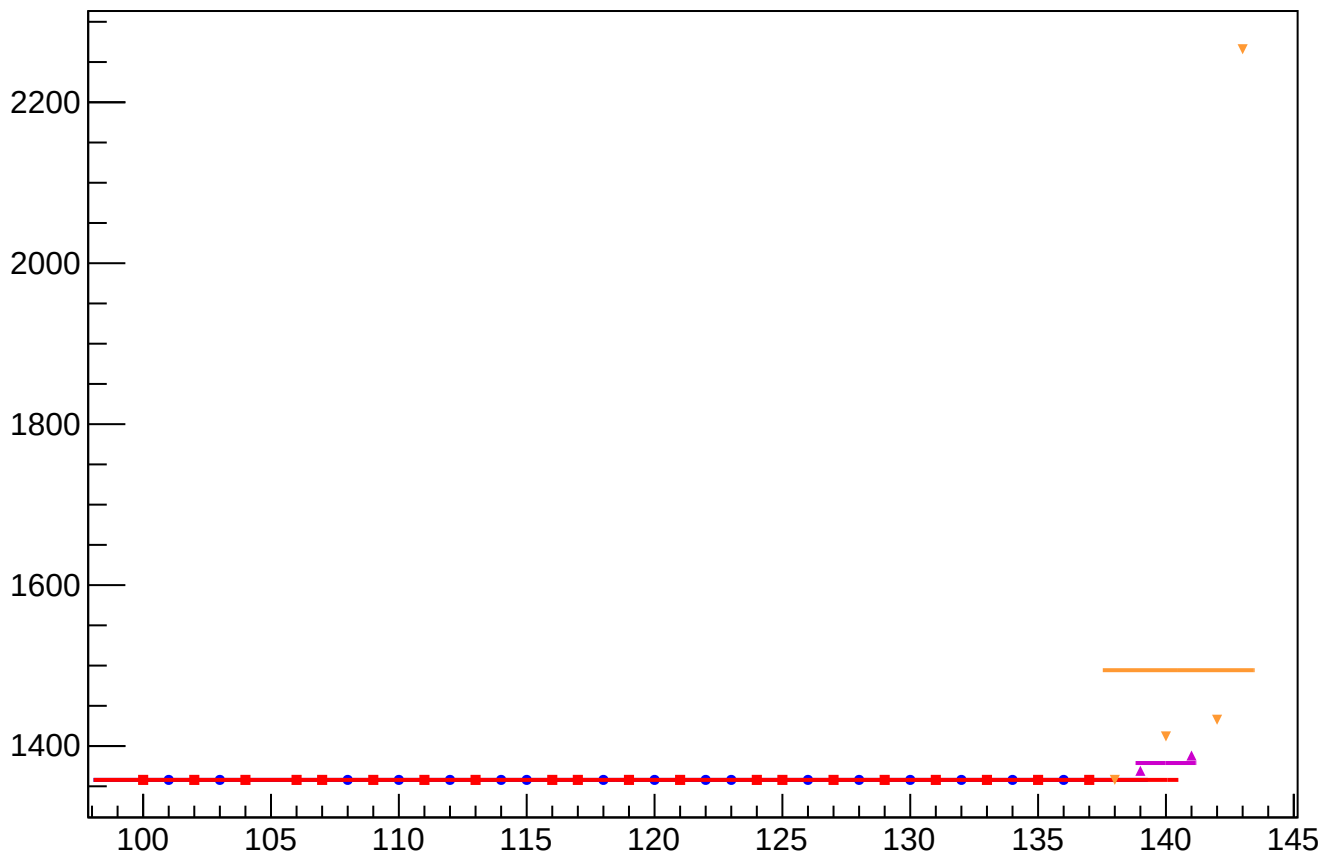
Right Out: 550.049+/-354.696 χ^2/NDF : 0.0/19

Left In: 2395.856+/-1078.047 χ^2/NDF : 0.4/1

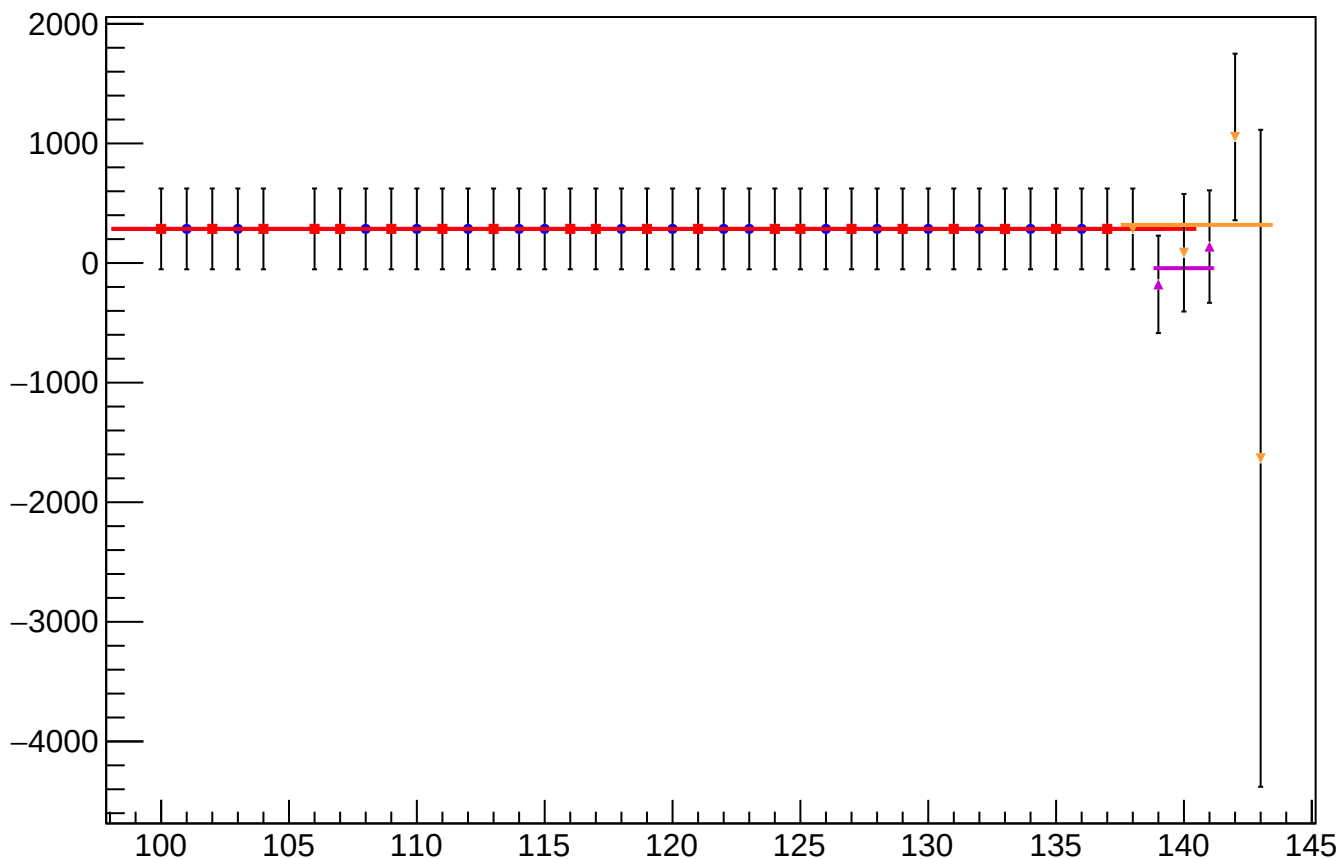
585.229+/-356.136 χ^2/NDF : 0.8/20

730.344+/-336.928 χ^2/NDF : 3.0/21

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: 285.426+/-81.938 χ^2/NDF : 0.0/16

Left Out: 318.961+/-257.371 χ^2/NDF :1.9/3

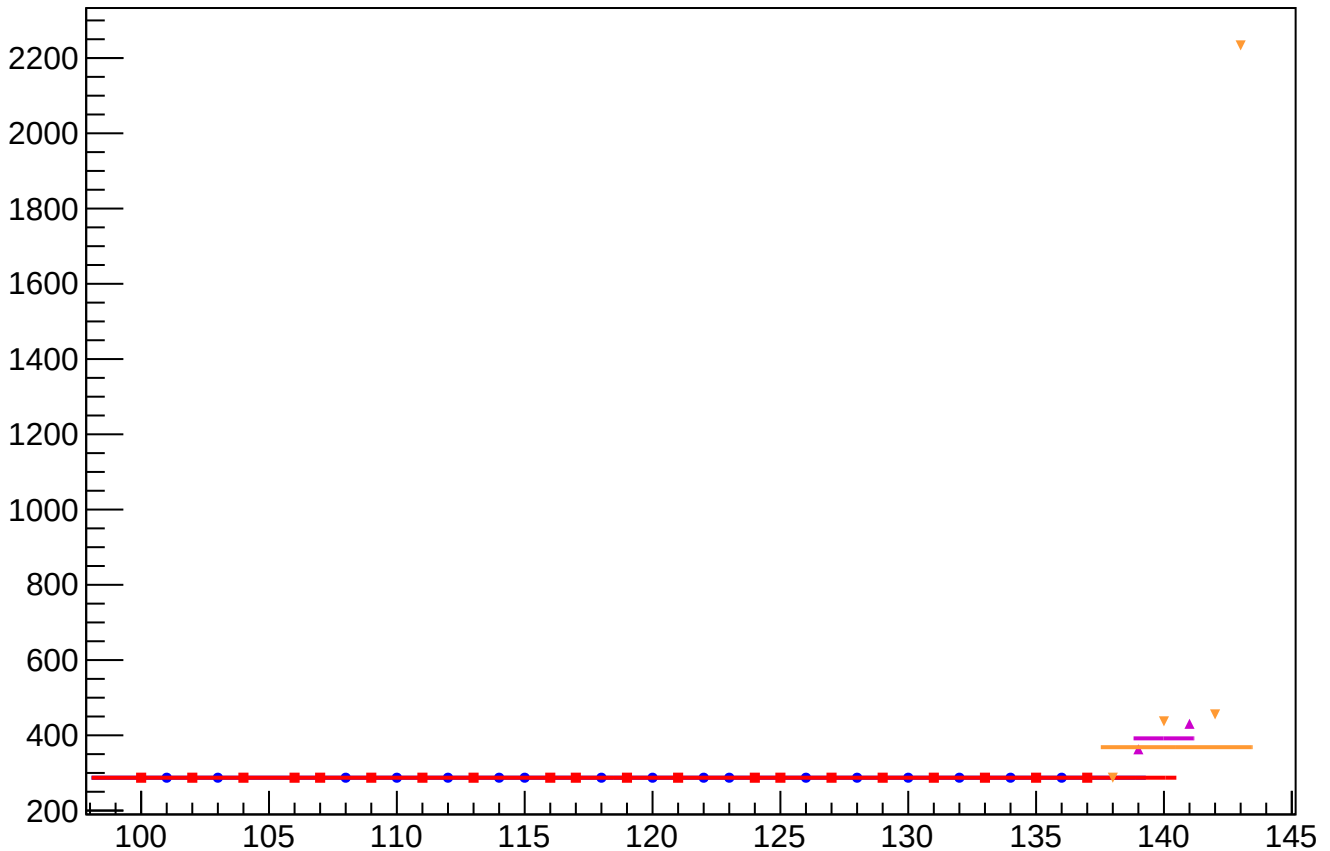
Right Out: 285.426+/-75.543 χ^2/NDF : 0.0/19

Left In: -42.968+/-307.838 χ^2/NDF :0.3/1

288.512+/-78.076 χ^2/NDF : 1.9/20

266.773+/-73.366 χ^2/NDF : 1.3/21

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 287.339 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 368.478 $\pm$ 0.182 χ^2 /NDF:1107816.5/3

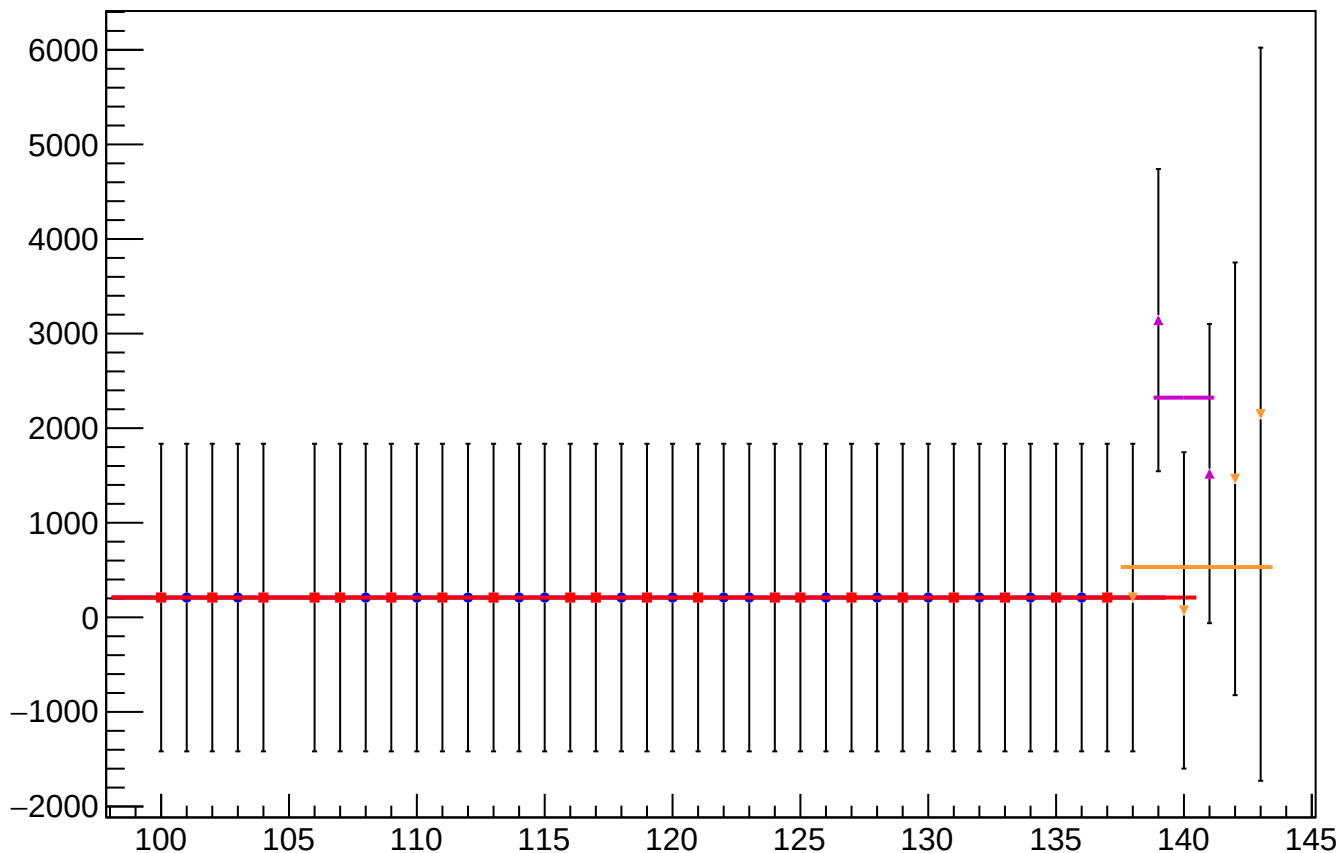
Right Out: 287.339 $\pm$ 0.053 χ^2 /NDF: 0.0/19

Left In: 391.912 $\pm$ 0.218 χ^2 /NDF:23761.7/1

294.806 $\pm$ 0.055 χ^2 /NDF: 1288300.3/20

293.279 $\pm$ 0.052 χ^2 /NDF: 241444.7/21

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: 209.113 $\pm$ 394.402 χ^2 /NDF: 0.0/16

Left Out: 531.578 $\pm$ 1003.298 χ^2 /NDF: 0.5/3

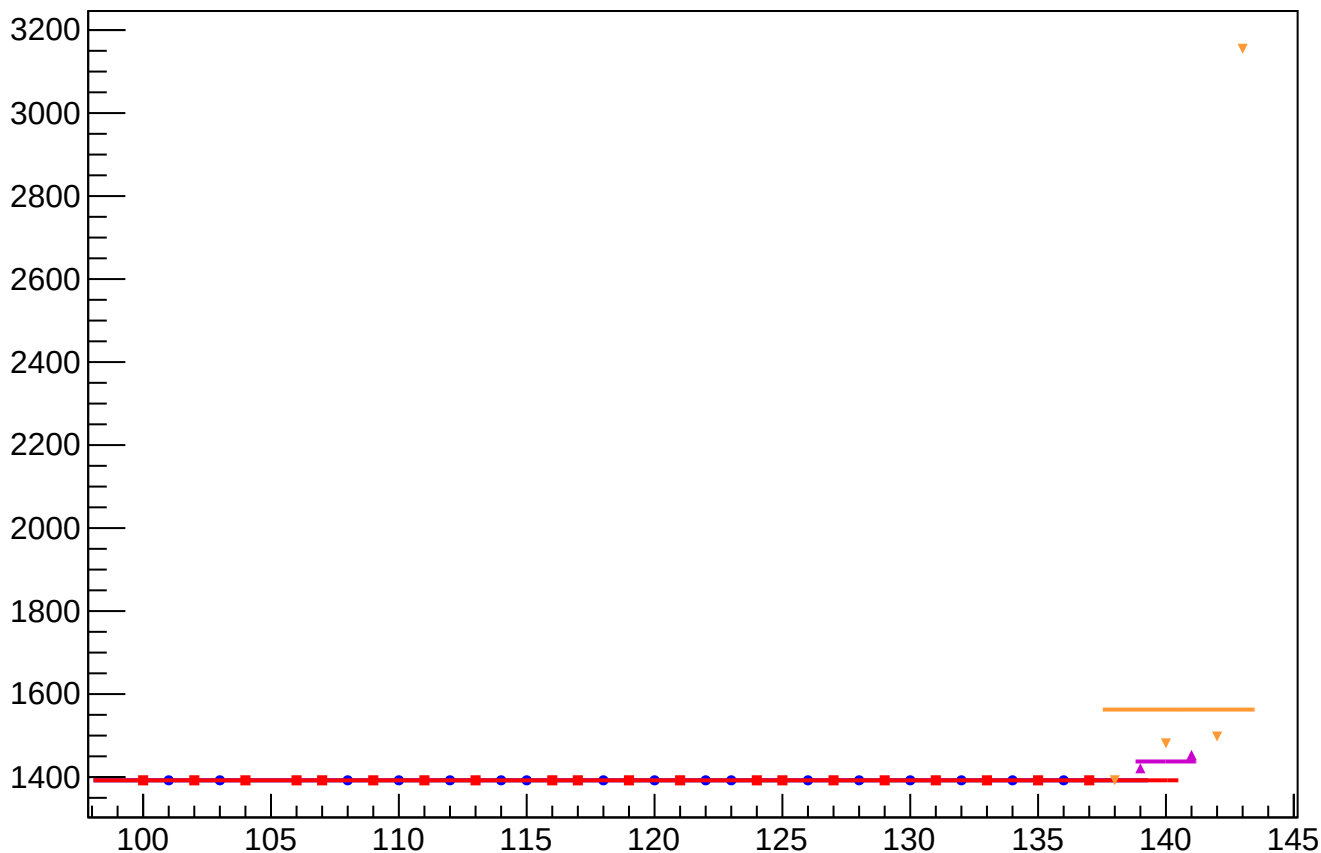
Right Out: 209.113 $\pm$ 363.621 χ^2 /NDF: 0.0/19

Left In: 2322.737 $\pm$ 1124.055 χ^2 /NDF: 0.5/1

252.275 $\pm$ 367.059 χ^2 /NDF: 0.5/20

409.342 $\pm$ 345.969 χ^2 /NDF: 3.7/21

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1392.205+/-0.279 χ^2/NDF : 0.0/16

Left Out: 1562.654+/-0.709 χ^2/NDF :365873.5/3

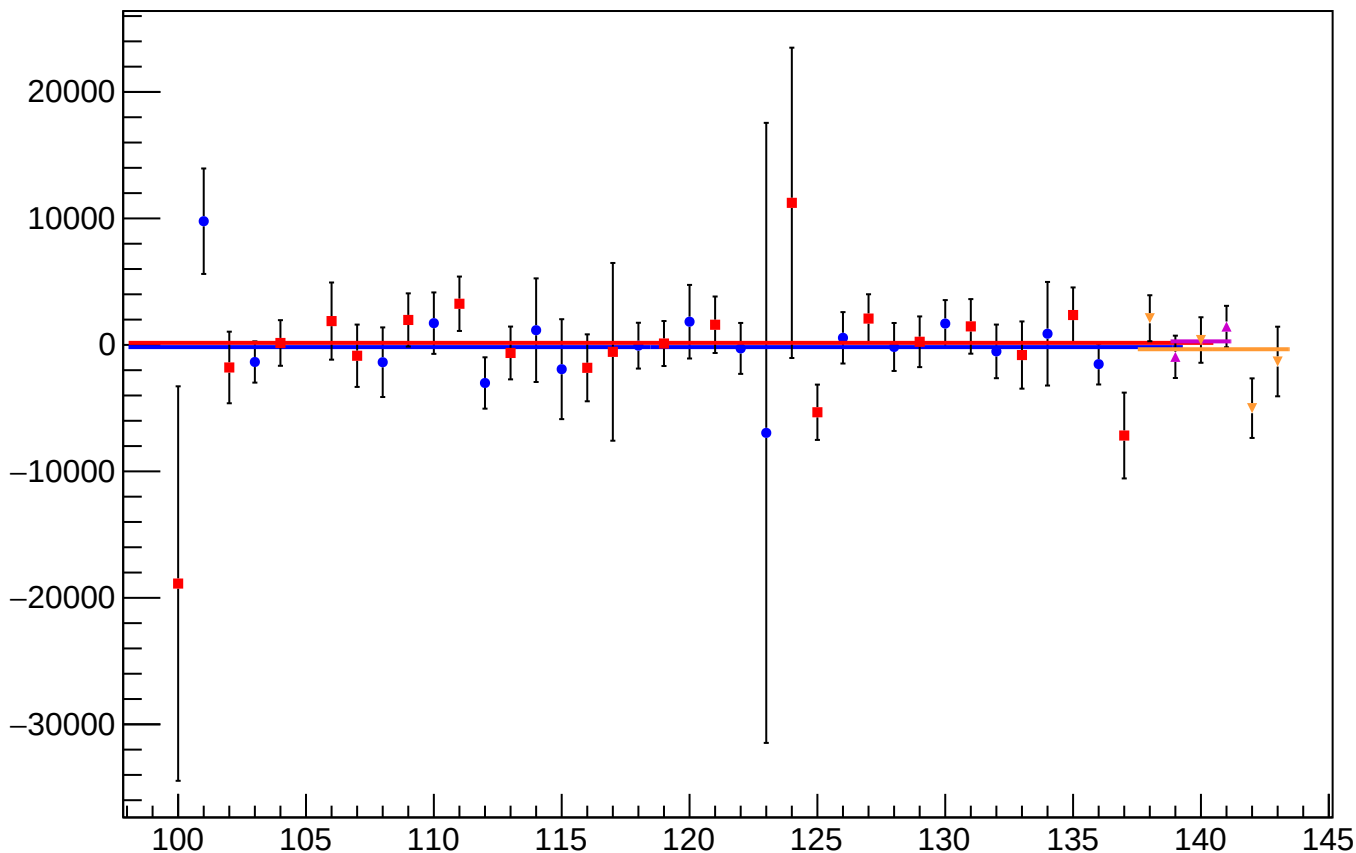
Right Out: 1392.205+/-0.257 χ^2/NDF : 0.0/19

Left In: 1437.596+/-0.795 χ^2/NDF :410.3/1

1415.019+/-0.260 χ^2/NDF : 415871.6/20

1396.505+/-0.245 χ^2/NDF : 3362.7/21

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: -343.346 ± 1040.542 χ^2/NDF : 6.0/3

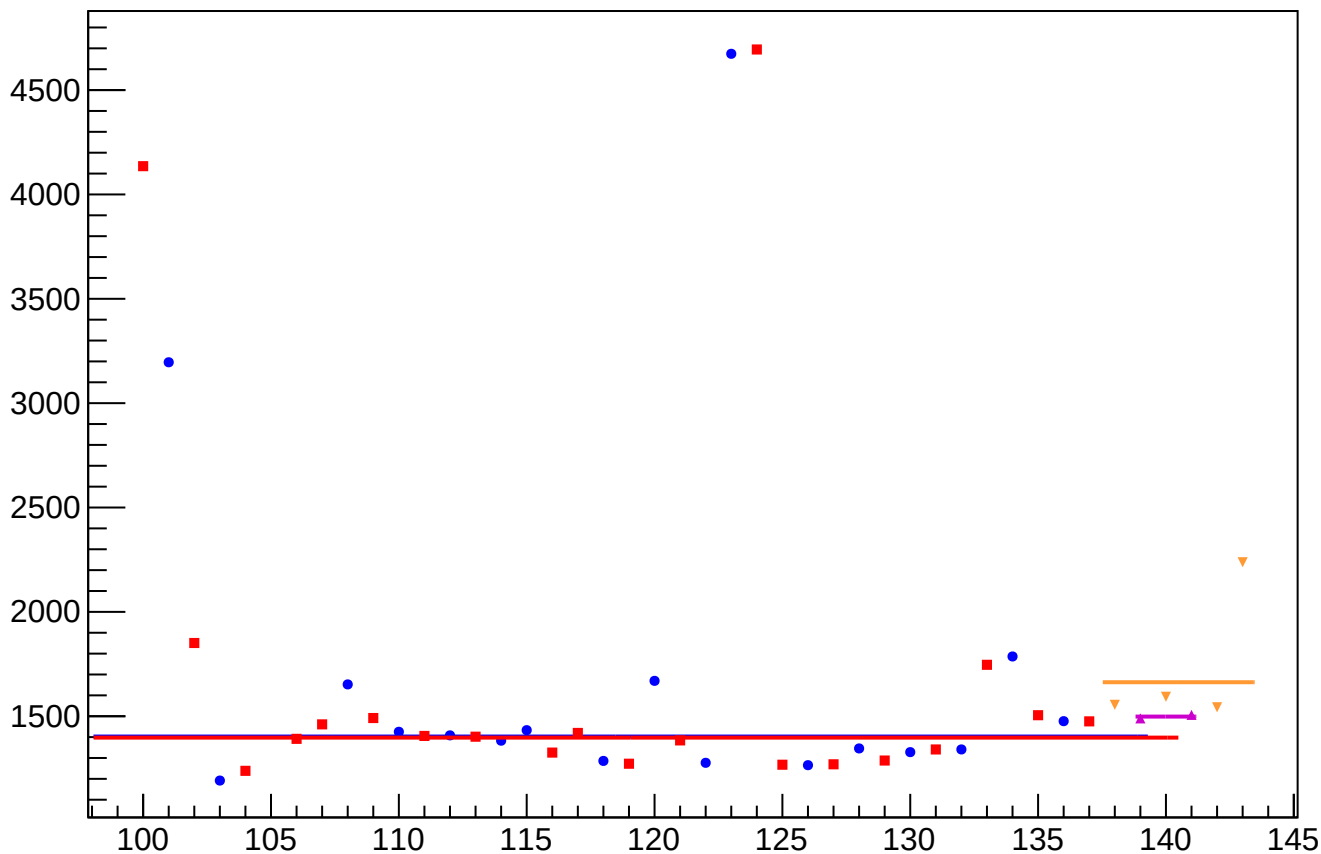
Right Out: 160.745 ± 538.513 χ^2/NDF : 20.7/19

Left In: 277.812 ± 1171.596 χ^2/NDF : 1.0/1

-212.126 ± 489.463 χ^2/NDF : 17.8/20

181.164 ± 489.300 χ^2/NDF : 21.7/21

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1662.982+/-0.736 χ^2/NDF : 102528.2/3

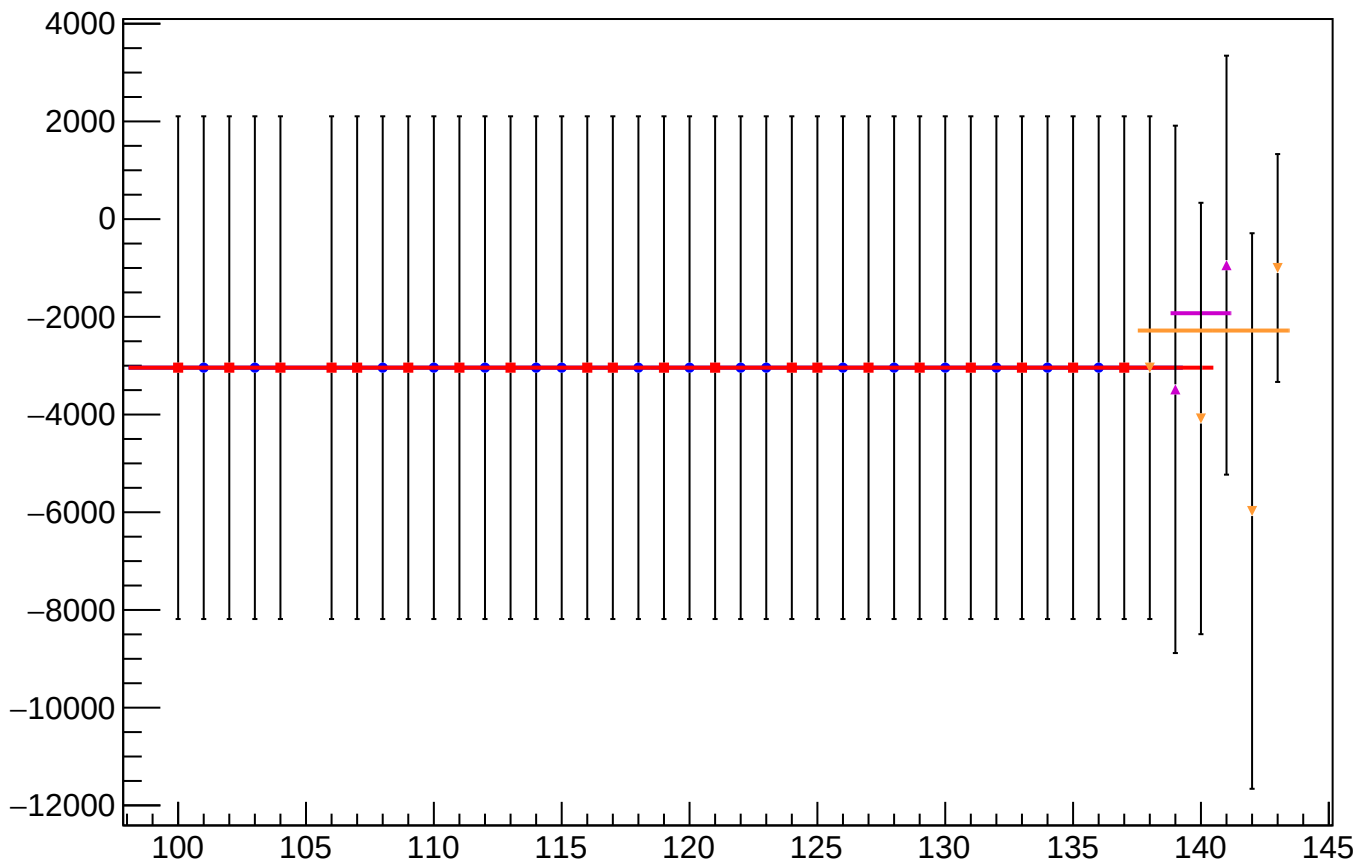
Right Out: 1397.574+/-0.381 χ^2/NDF : 353385.9/19

Left In: 1498.326+/-0.828 χ^2/NDF : 102.8/1

1460.299+/-0.346 χ^2/NDF : 726299.4/20

1415.131+/-0.346 χ^2/NDF : 365701.7/21

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: -3040.411 $\pm$ 1247.937 χ^2 /NDF: 0.0/16

Left Out: -2280.599 $\pm$ 1814.197 χ^2 /NDF: 0.9/3

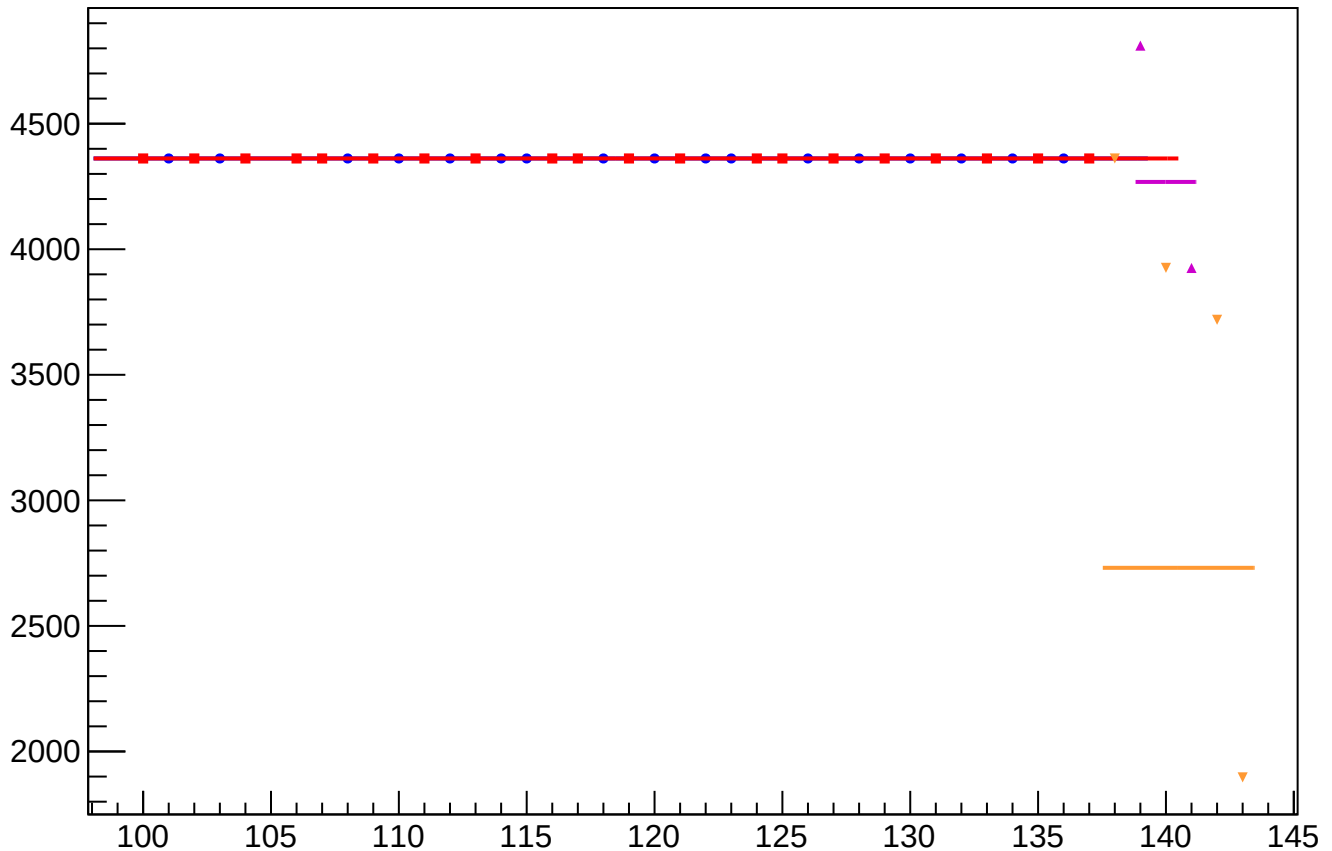
Right Out: -3040.411 $\pm$ 1150.541 χ^2 /NDF: 0.0/19

Left In: -1925.940 $\pm$ 3357.479 χ^2 /NDF: 0.1/1

-2796.366 $\pm$ 1028.173 χ^2 /NDF: 1.0/20

-2923.293 $\pm$ 1088.409 χ^2 /NDF: 0.2/21

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



Right In: 4361.513+/-0.882 χ^2/NDF : 0.0/16

Left Out: 2731.330+/-1.283 χ^2/NDF : 663593.4/3

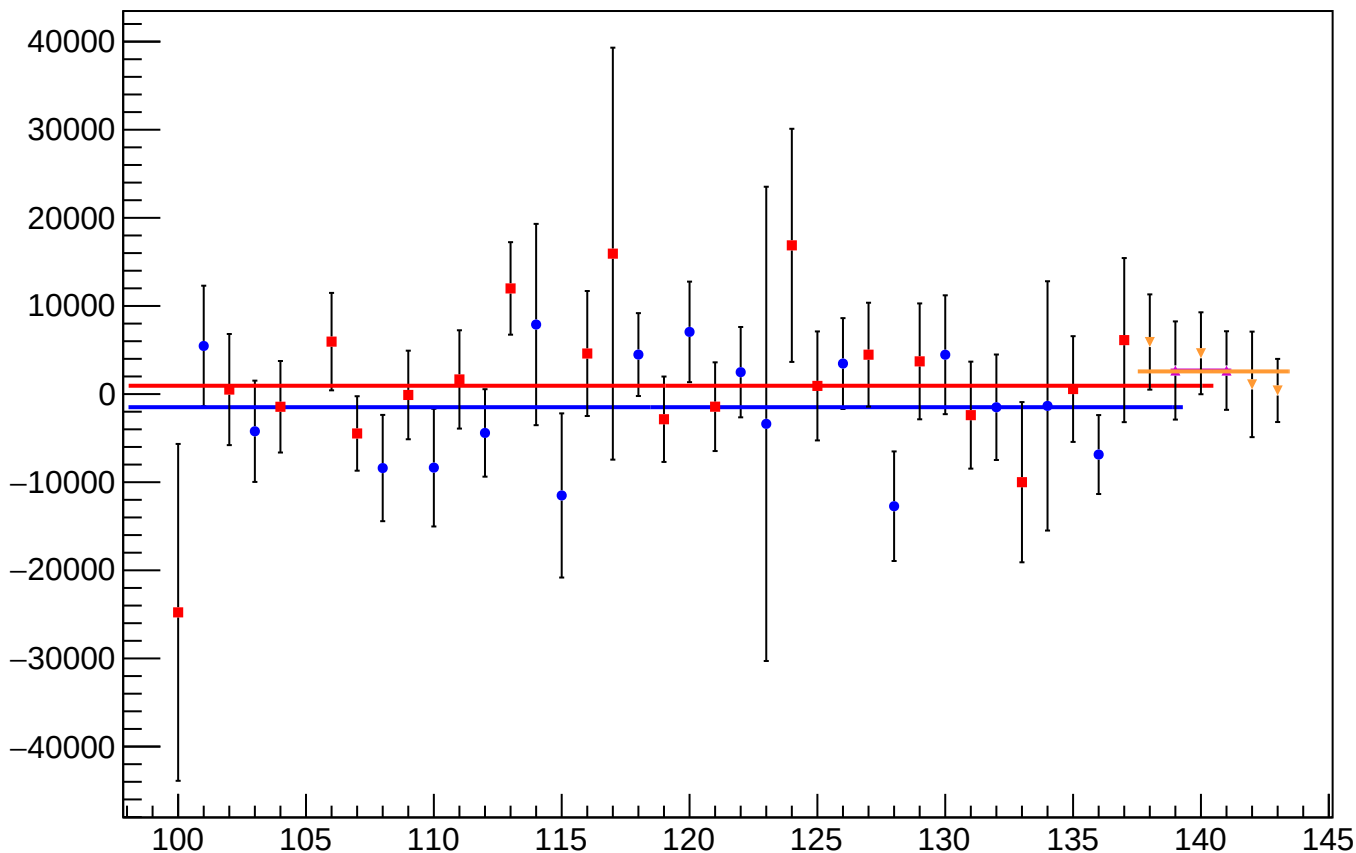
Right Out: 4361.513+/-0.814 χ^2/NDF : 0.0/19

Left In: 4268.083+/-2.374 χ^2/NDF : 32991.2/1

3837.912+/-0.727 χ^2/NDF : 1759772.5/20

4351.695+/-0.770 χ^2/NDF : 34377.1/21

asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 2572.488+/-2316.733 χ^2/NDF : 1.0/3

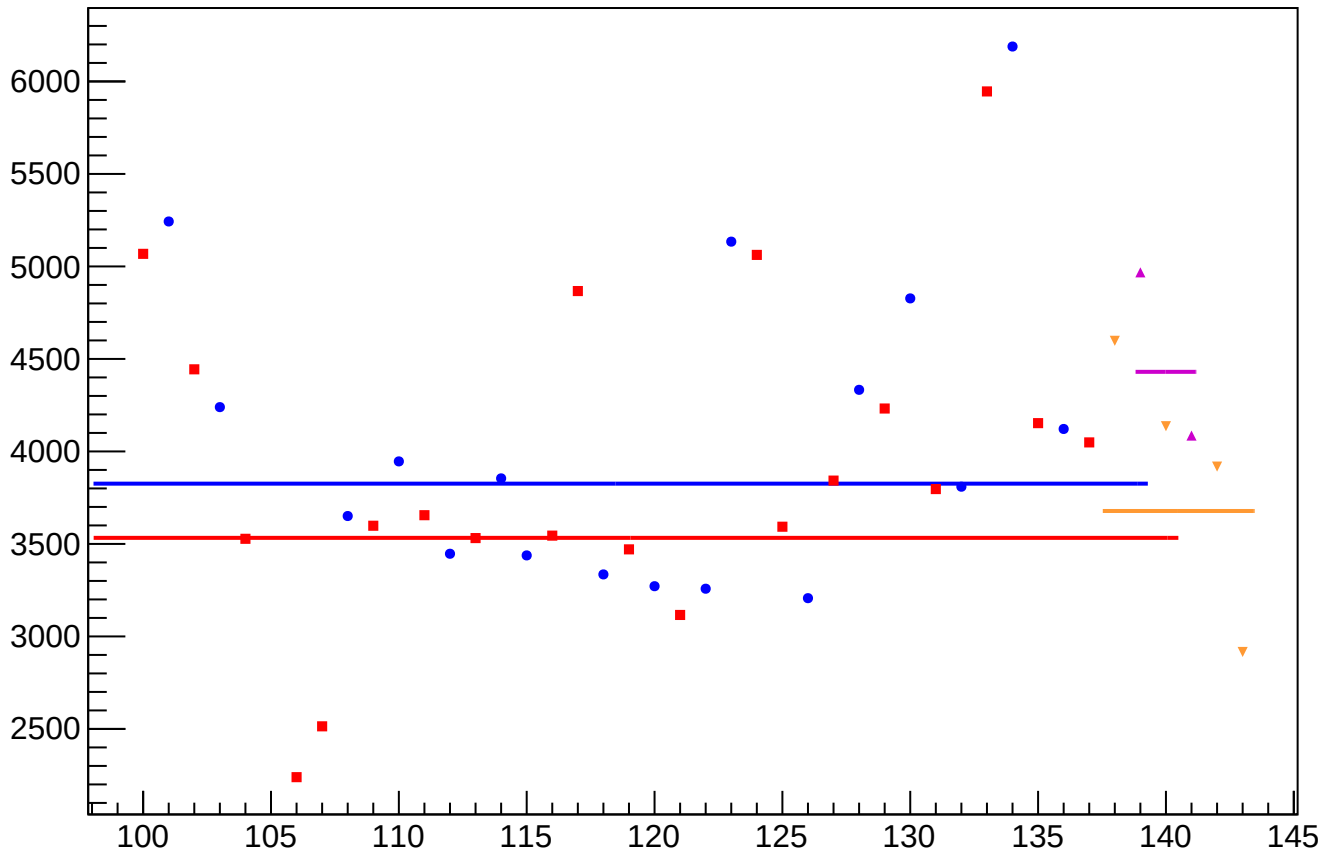
Right Out: 946.322+/-1376.517 χ^2/NDF : 14.5/19

Left In: 2674.503+/-3481.723 χ^2/NDF : 0.0/1

-288.923+/-1258.600 χ^2/NDF : 19.8/20

1179.932+/-1280.104 χ^2/NDF : 14.8/21

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3678.095+/-1.638 χ^2/NDF : 171063.1/3

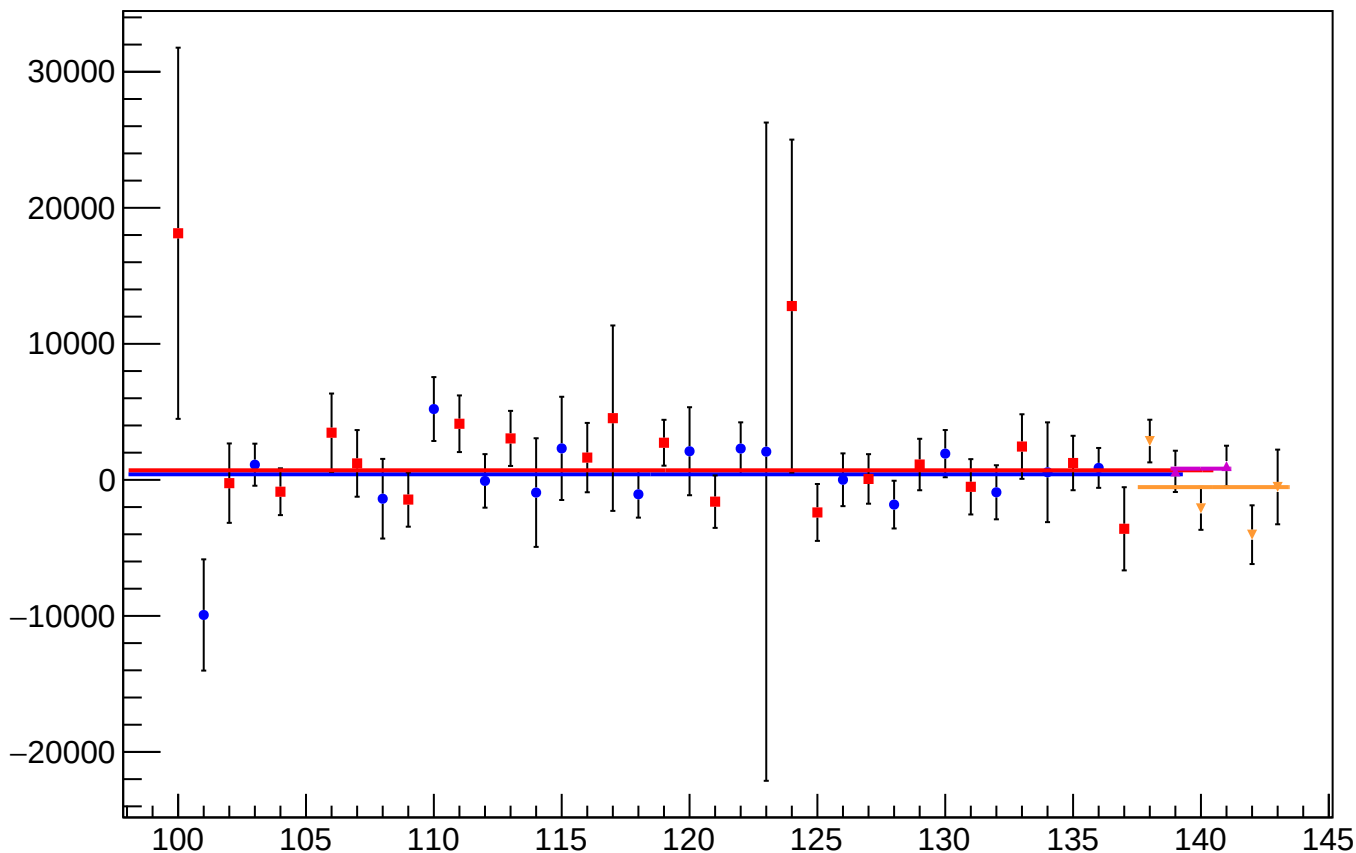
3782.239+/-0.890 χ^2/NDF : 511201.1/20

Right Out: 3532.847+/-0.965 χ^2/NDF : 561950.7/19

3652.258+/-0.898 χ^2/NDF : 707708.2/21

Left In: 4430.246+/-2.462 χ^2/NDF : 30571.6/1

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -531.820+/-930.124 χ^2/NDF : 8.3/3

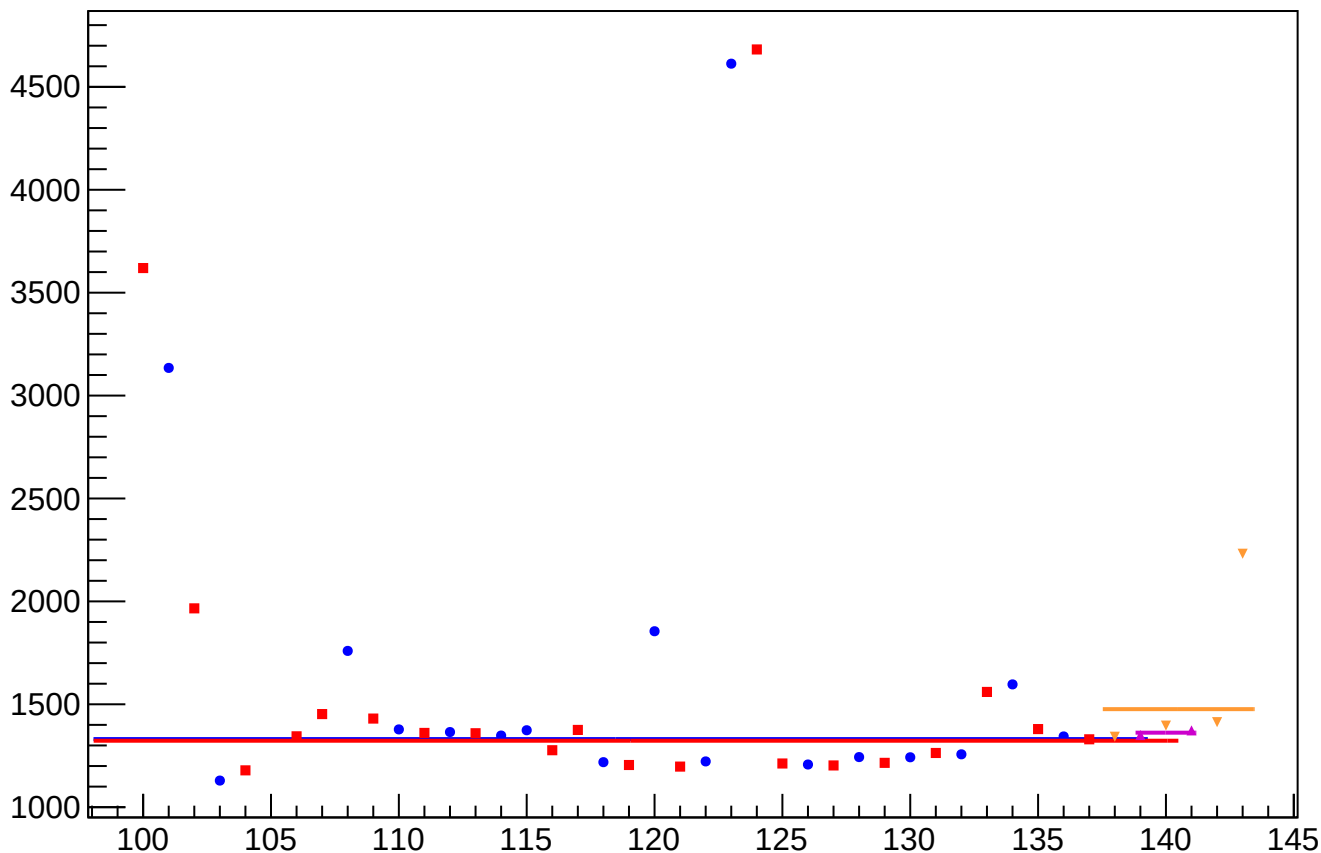
Right Out: 703.653+/-508.772 χ^2/NDF : 18.4/19

Left In: 824.724+/-1064.823 χ^2/NDF : 0.0/1

181.555+/-459.162 χ^2/NDF : 25.6/20

726.155+/-459.063 χ^2/NDF : 18.4/21

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1330.889+/-0.373 χ^2/NDF : 603474.5/16

Left Out: 1476.397+/-0.658 χ^2/NDF : 172899.8/3

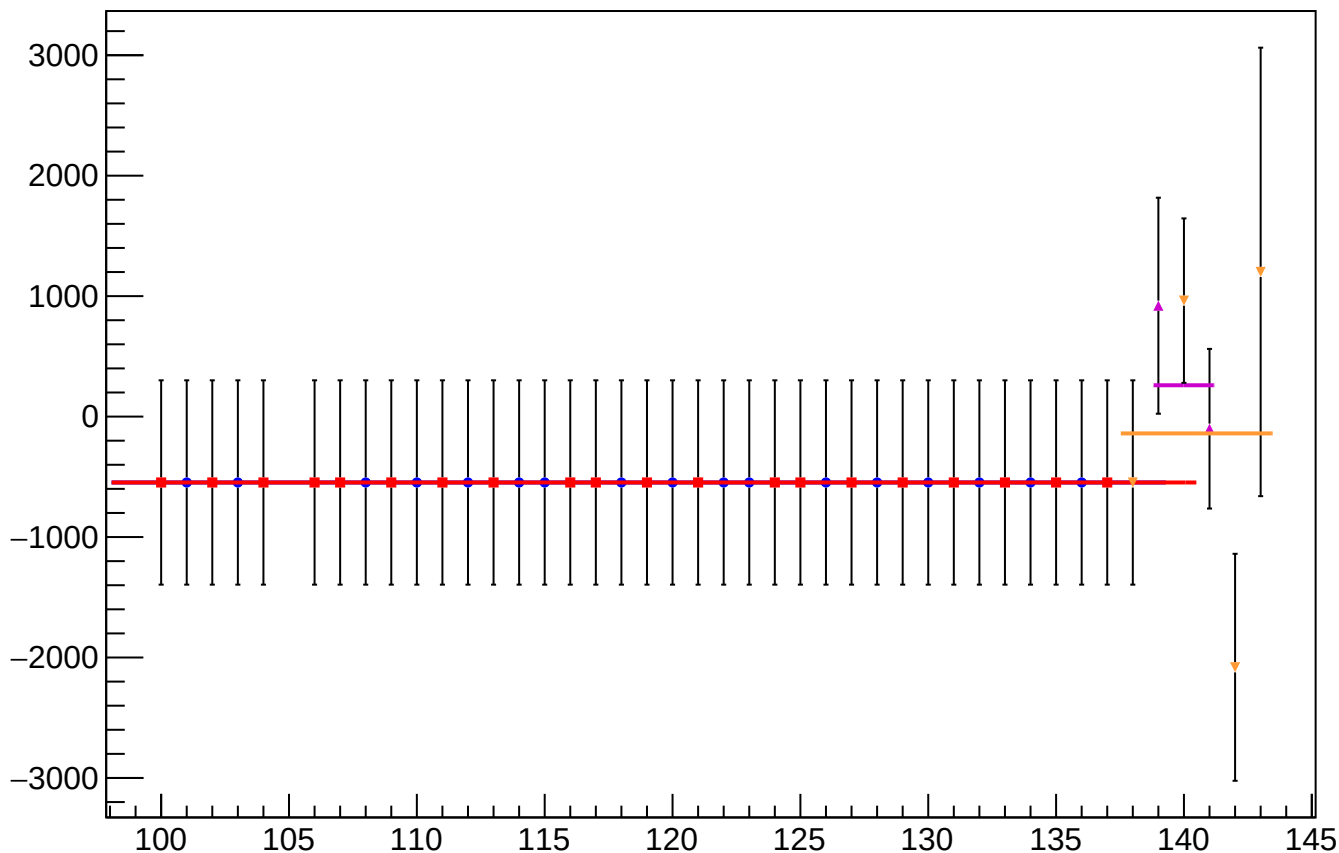
Right Out: 1322.999+/-0.360 χ^2/NDF : 394532.6/19

Left In: 1362.088+/-0.753 χ^2/NDF : 226.3/1

1366.349+/-0.325 χ^2/NDF : 813392.8/20

1330.264+/-0.325 χ^2/NDF : 396953.0/21

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



Right In: -546.996+/-205.710 χ^2/NDF : 0.0/16

Left Out: -139.664+/-449.386 χ^2/NDF : 7.6/3

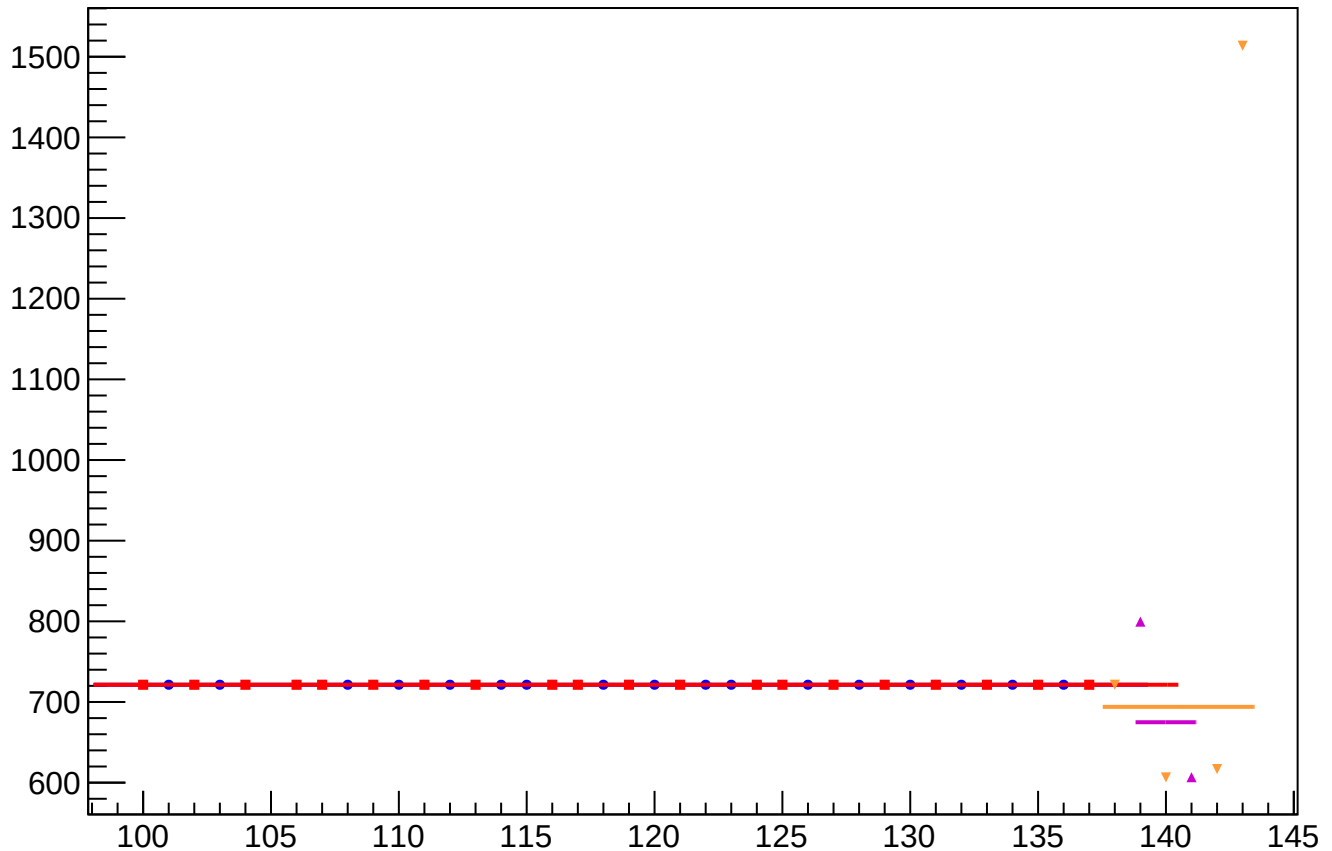
Right Out: -546.996+/-189.655 χ^2/NDF : 0.0/19

Left In: 260.072+/-532.937 χ^2/NDF : 0.8/1

-476.429+/-187.044 χ^2/NDF : 8.3/20

-456.276+/-178.678 χ^2/NDF : 2.9/21

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 721.380+/-0.145 χ^2/NDF : 0.0/16

Left Out: 693.961+/-0.318 χ^2/NDF : 436099.6/3

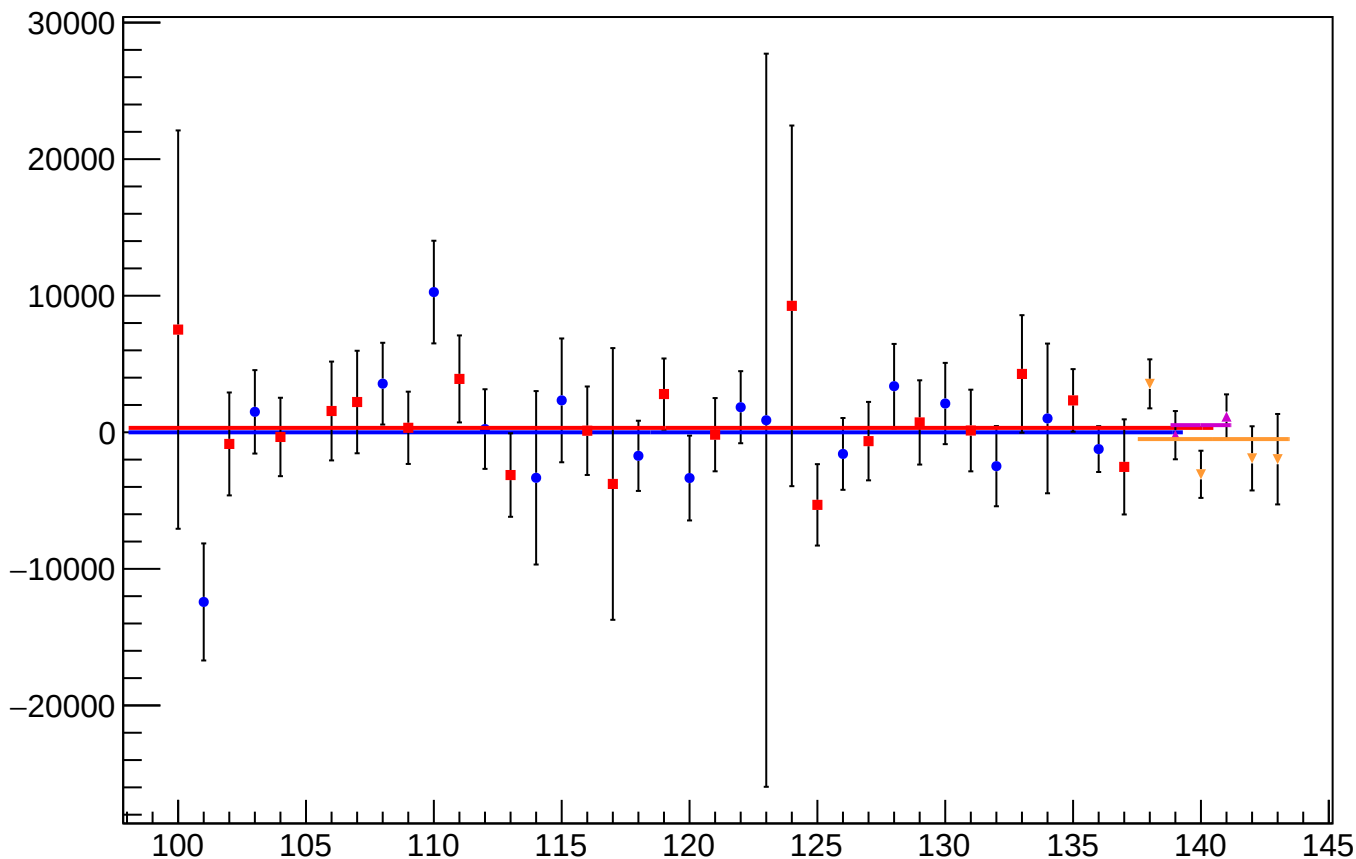
Right Out: 721.380+/-0.134 χ^2/NDF : 0.0/19

Left In: 674.890+/-0.377 χ^2/NDF : 59862.5/1

716.630+/-0.132 χ^2/NDF : 442255.6/20

716.155+/-0.126 χ^2/NDF : 73371.2/21

asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -497.489 ± 1043.563 χ^2/NDF : 7.9/3

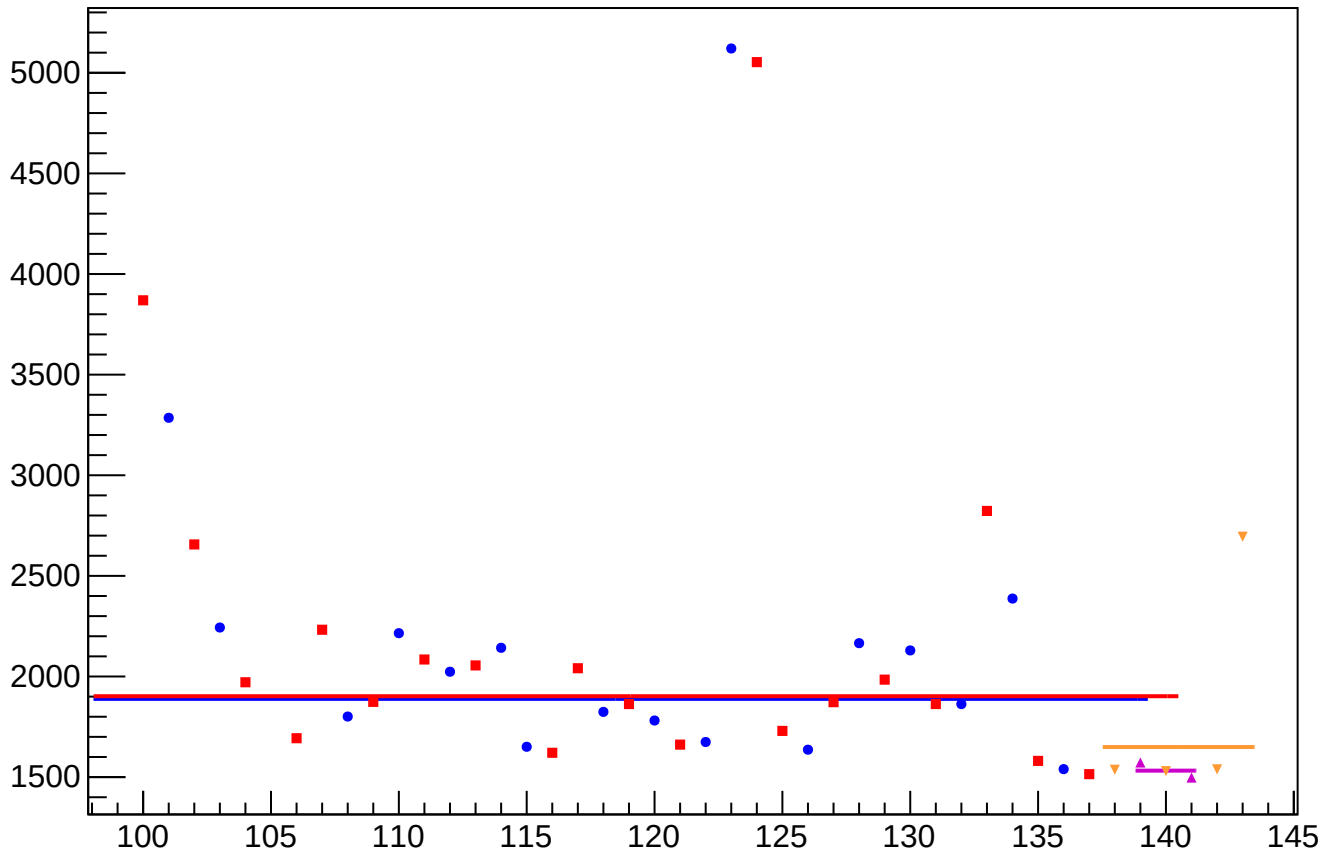
Right Out: 322.815 ± 731.735 χ^2/NDF : 10.9/19

Left In: 523.170 ± 1197.843 χ^2/NDF : 0.3/1

-169.429 ± 606.375 χ^2/NDF : 31.5/20

377.263 ± 624.441 χ^2/NDF : 11.2/21

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1649.490+/-0.738 χ^2/NDF : 221303.4/3

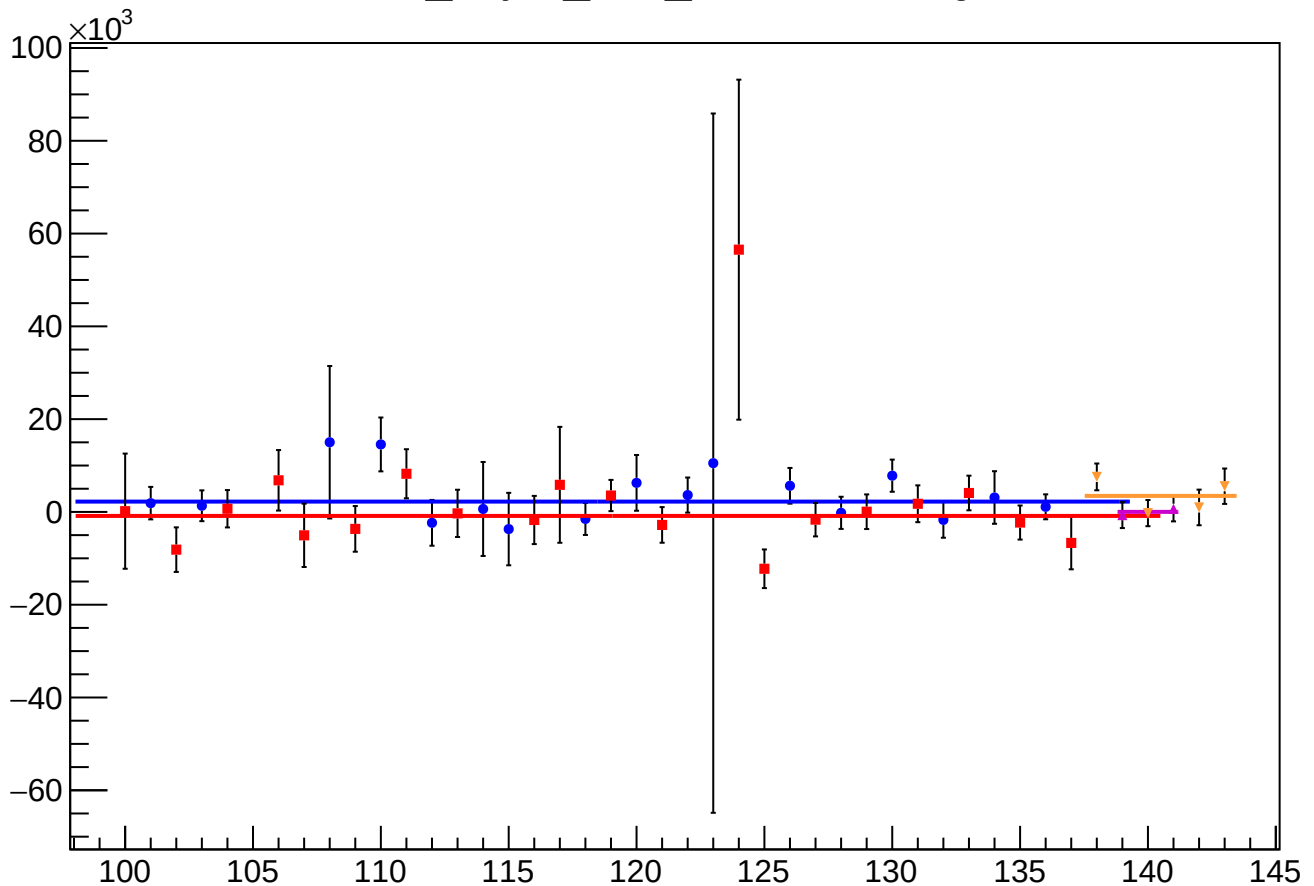
Right Out: 1902.004+/-0.517 χ^2/NDF : 461817.0/19

Left In: 1532.177+/-0.847 χ^2/NDF : 1940.8/1

1808.008+/-0.429 χ^2/NDF : 756817.5/20

1801.503+/-0.442 χ^2/NDF : 602595.5/21

dit_asym_atl1_mean vs Slug



Right In: 2227.517 $\pm$ 1039.288 χ^2 /NDF: 13.6/16

Left Out: 3457.813 $\pm$ 1617.082 χ^2 /NDF: 4.5/3

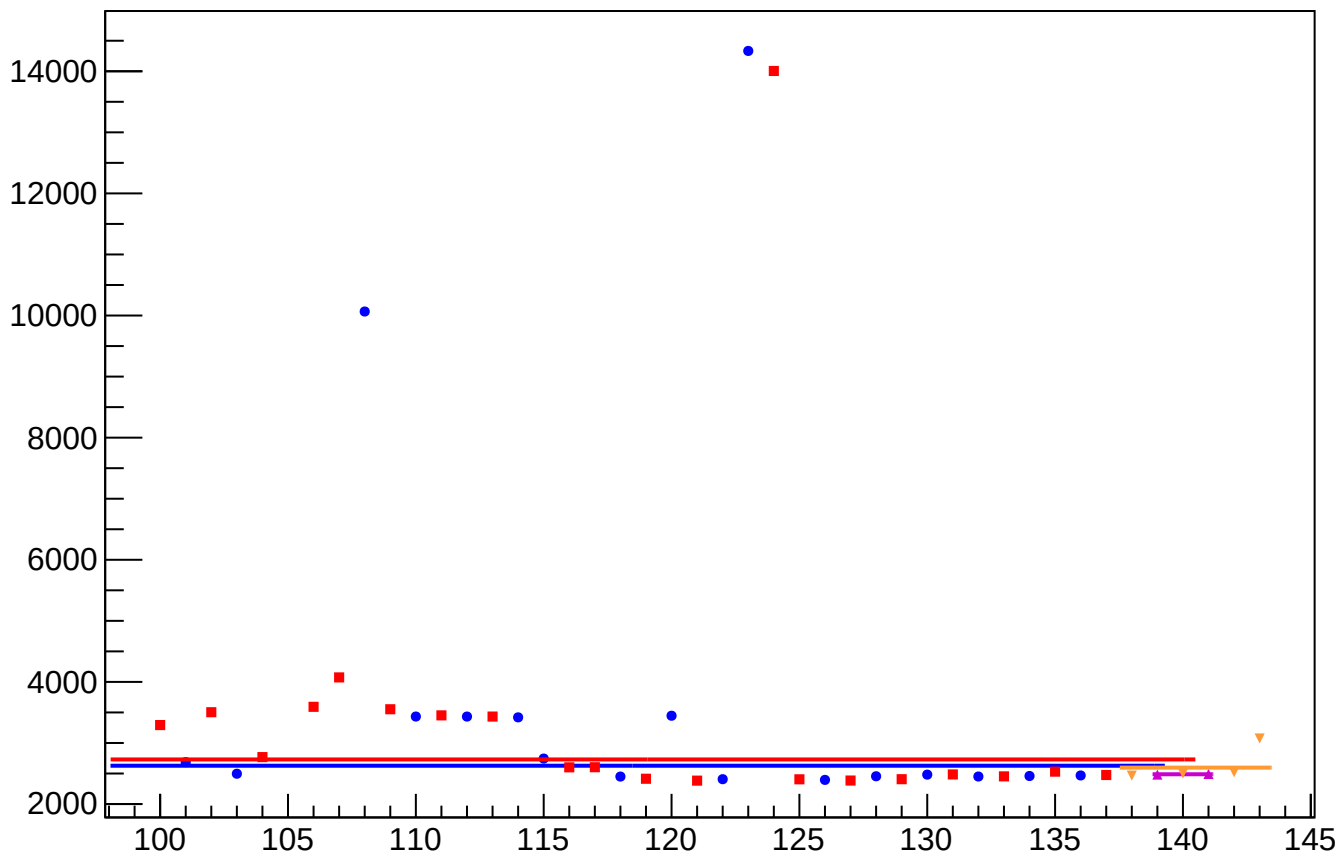
Right Out: -860.748 $\pm$ 1043.221 χ^2 /NDF: 23.2/19

Left In: 13.584 $\pm$ 1944.738 χ^2 /NDF: 0.1/1

2587.149 $\pm$ 874.292 χ^2 /NDF: 18.4/20

-665.371 $\pm$ 919.303 χ^2 /NDF: 23.5/21

dit_asym_atl1_rms vs Slug



Right In: 2627.570+/-0.735 χ^2/NDF : 644396.7/16

Left Out: 2596.483+/-1.143 χ^2/NDF : 38505.5/3

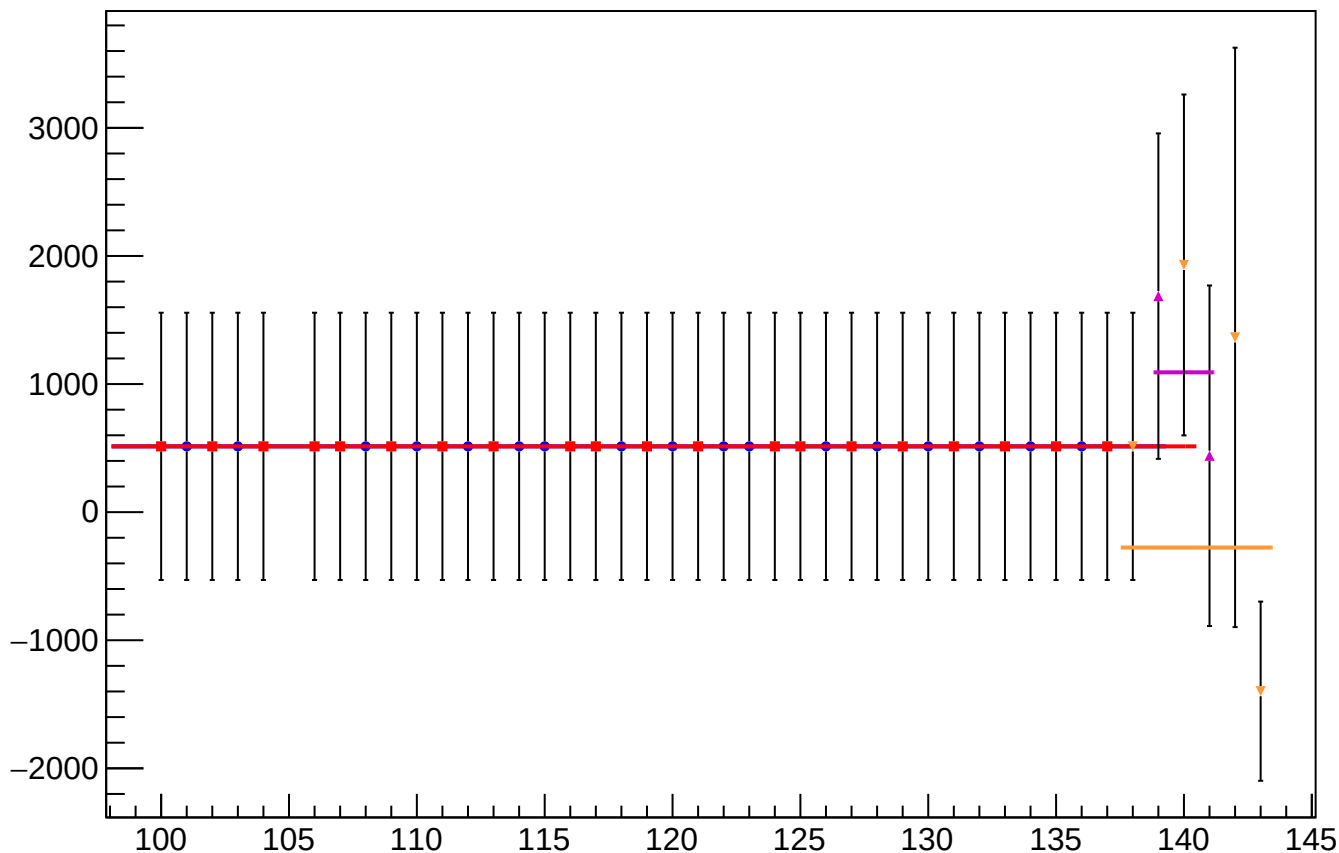
Right Out: 2730.377+/-0.738 χ^2/NDF : 598416.7/19

Left In: 2487.657+/-1.375 χ^2/NDF : 13.4/1

2618.483+/-0.618 χ^2/NDF : 683425.3/20

2676.139+/-0.650 χ^2/NDF : 622622.7/21

asym_atl1_correction_mean vs Slug



Right In: 513.556 +/- 253.035 χ^2/NDF : 0.0/16

Left Out: -276.282 +/- 518.293 χ^2/NDF : 6.4/3

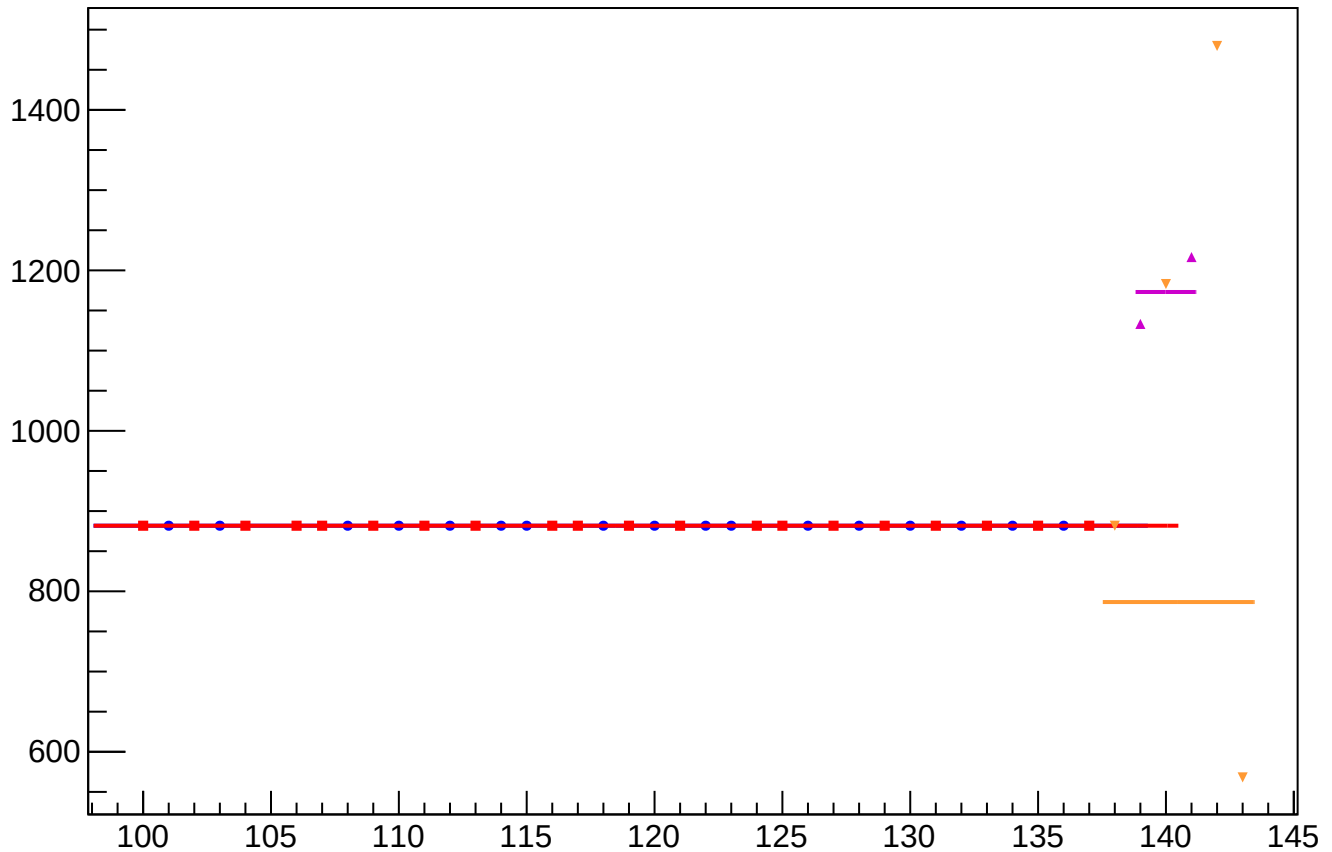
Right Out: 513.556 +/- 233.287 χ^2/NDF : 0.0/19

Left In: 1091.664 +/- 918.390 χ^2/NDF : 0.5/1

361.534 +/- 227.384 χ^2/NDF : 8.3/20

548.597 +/- 226.106 χ^2/NDF : 0.8/21

asym_atl1_correction_rms vs Slug



Right In: 881.756 $\pm$ 0.179 χ^2 /NDF: 0.0/16

Left Out: 786.636 $\pm$ 0.366 χ^2 /NDF: 577051.2/3

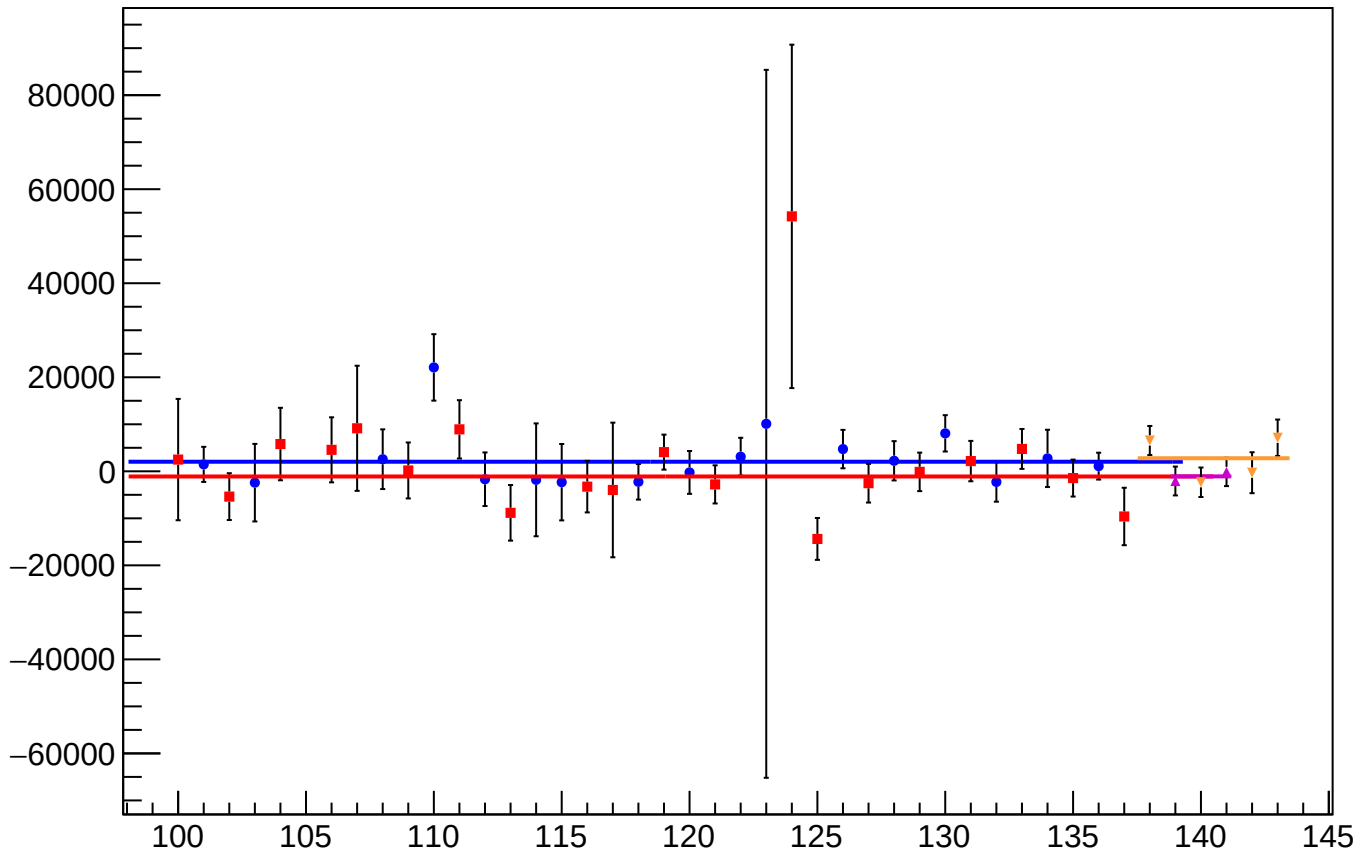
Right Out: 881.756 $\pm$ 0.165 χ^2 /NDF: 0.0/19

Left In: 1173.052 $\pm$ 0.649 χ^2 /NDF: 4106.4/1

863.448 $\pm$ 0.161 χ^2 /NDF: 631449.2/20

899.413 $\pm$ 0.160 χ^2 /NDF: 193118.0/21

asym_atl1_mean vs Slug



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16

Left Out: 2778.194+/-1752.504 χ^2/NDF : 5.9/3

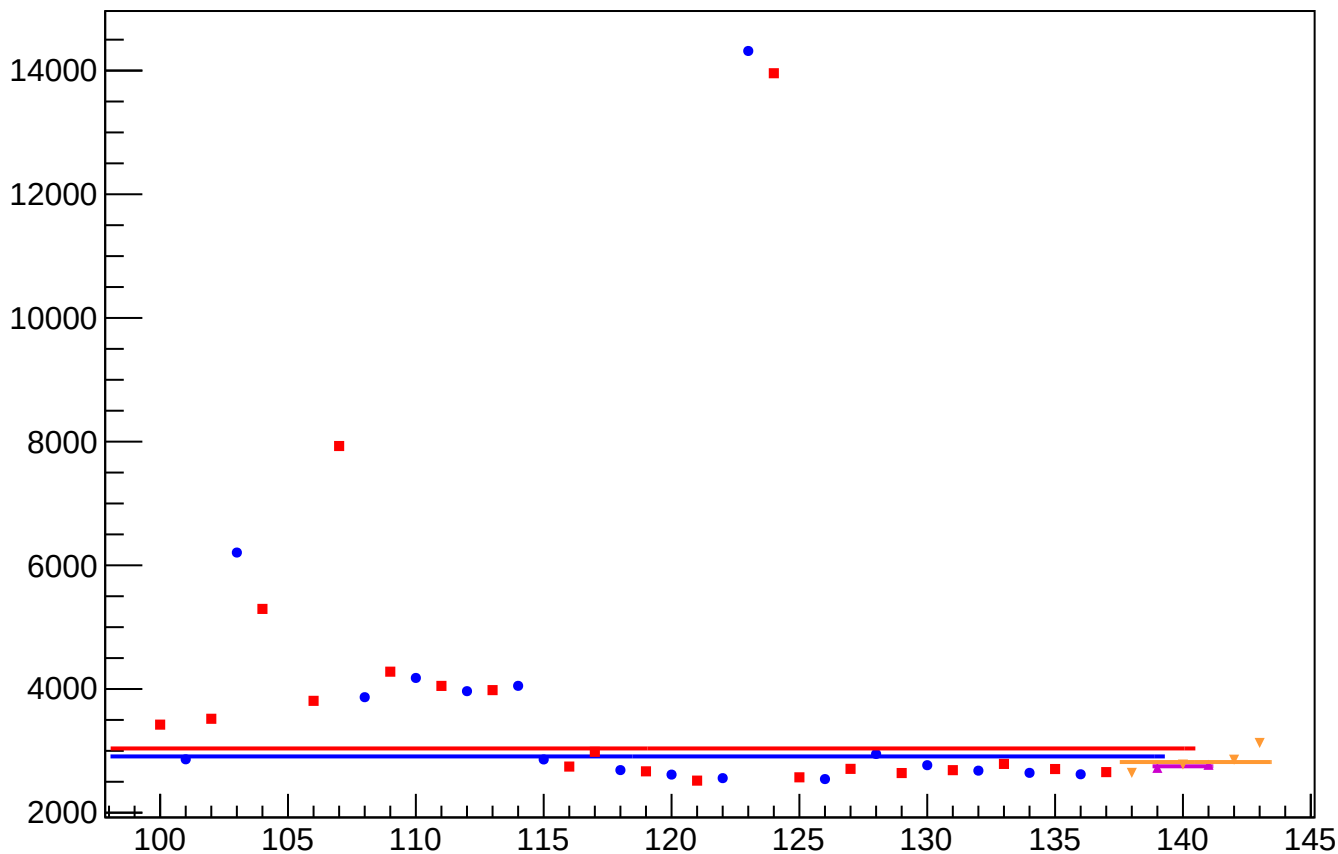
Right Out: -1099.827+/-1182.612 χ^2/NDF : 25.4/19

Left In: -1079.210+/-2151.236 χ^2/NDF : 0.2/1

2261.041+/-962.304 χ^2/NDF : 20.9/20

-1095.042+/-1036.339 χ^2/NDF : 25.6/21

asym_atl1_rms vs Slug



Right In: 2909.732+/-0.814 χ^2/NDF : 641894.7/16

Left Out: 2819.036+/-1.239 χ^2/NDF :19578.7/3

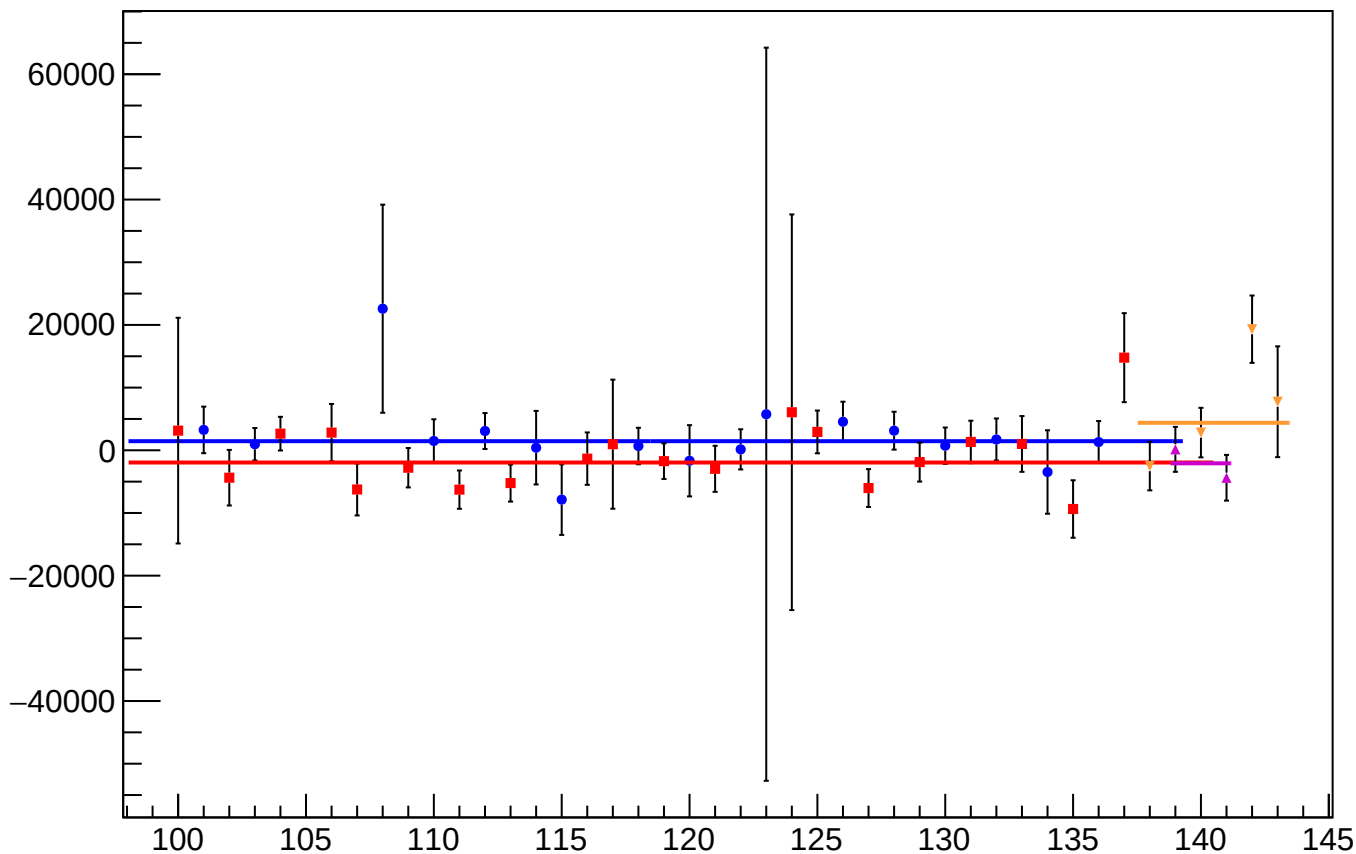
Right Out: 3038.742+/-0.836 χ^2/NDF : 1011336.0/19

Left In: 2750.118+/-1.521 χ^2/NDF :263.5/1

2882.386+/-0.680 χ^2/NDF : 665215.0/20

2971.759+/-0.733 χ^2/NDF : 1039245.8/21

dit_asym_atl2_mean vs Slug



Right In: 1451.980+/-889.008 χ^2/NDF : 7.4/16

Left Out: 4385.622+/-2368.417 χ^2/NDF : 11.2/3

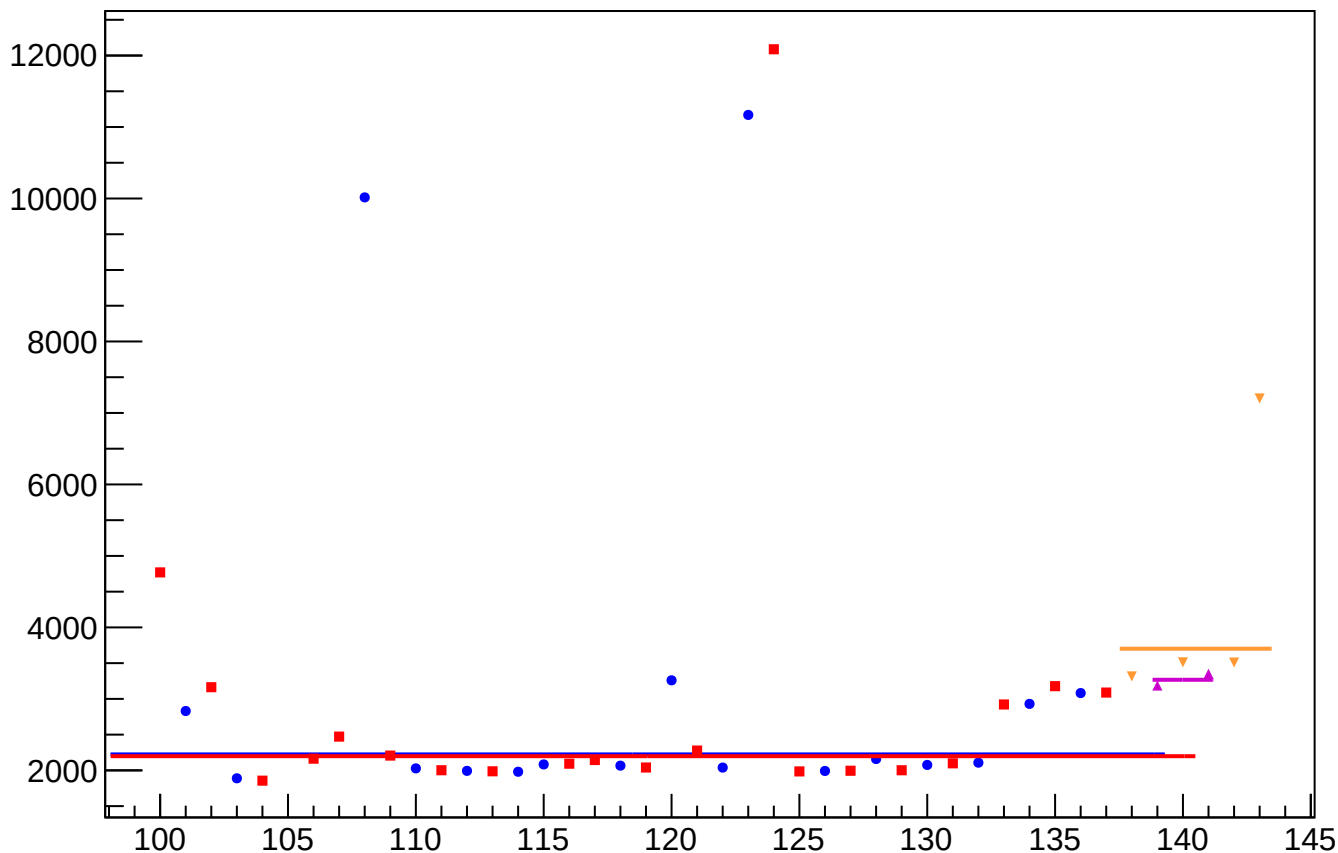
Right Out: -1949.252+/-847.604 χ^2/NDF : 22.5/19

Left In: -2077.859+/-2557.888 χ^2/NDF : 0.8/1

1814.270+/-832.306 χ^2/NDF : 20.0/20

-1961.976+/-804.581 χ^2/NDF : 23.3/21

dit_asym_atl2_rms vs Slug



Right In: 2223.132+/-0.629 χ^2/NDF : 850289.4/16

Left Out: 3702.039+/-1.675 χ^2/NDF :340956.4/3

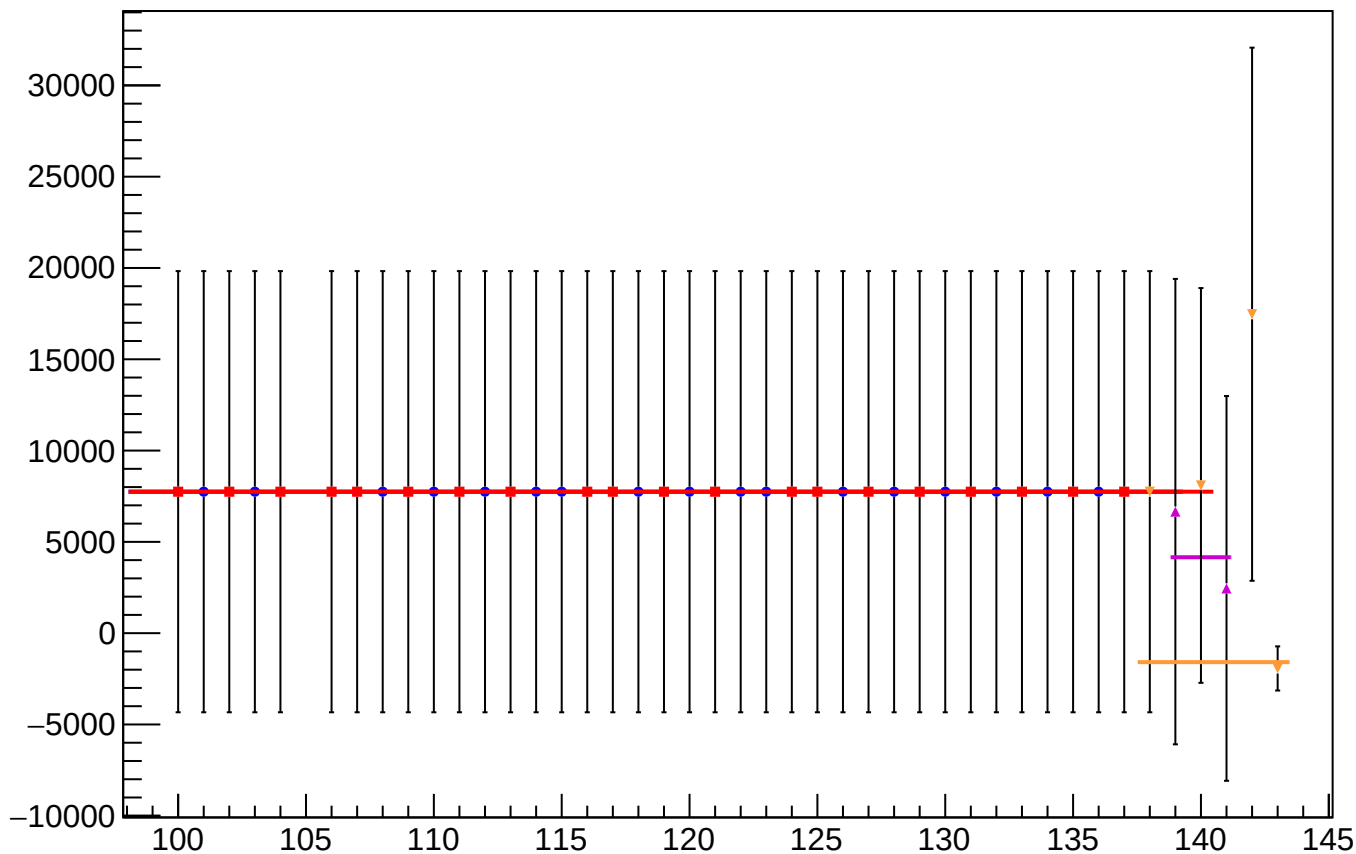
Right Out: 2198.396+/-0.599 χ^2/NDF : 602472.3/19

Left In: 3267.294+/-1.809 χ^2/NDF :2049.0/1

2405.769+/-0.589 χ^2/NDF : 1874764.2/20

2304.017+/-0.569 χ^2/NDF : 919263.3/21

asym_atl2_correction_mean vs Slug



Right In: 7747.732 $\pm$ 2930.043 χ^2 /NDF: 0.0/16

Left Out: -1587.278 $\pm$ 1191.304 χ^2 /NDF: 3.2/3

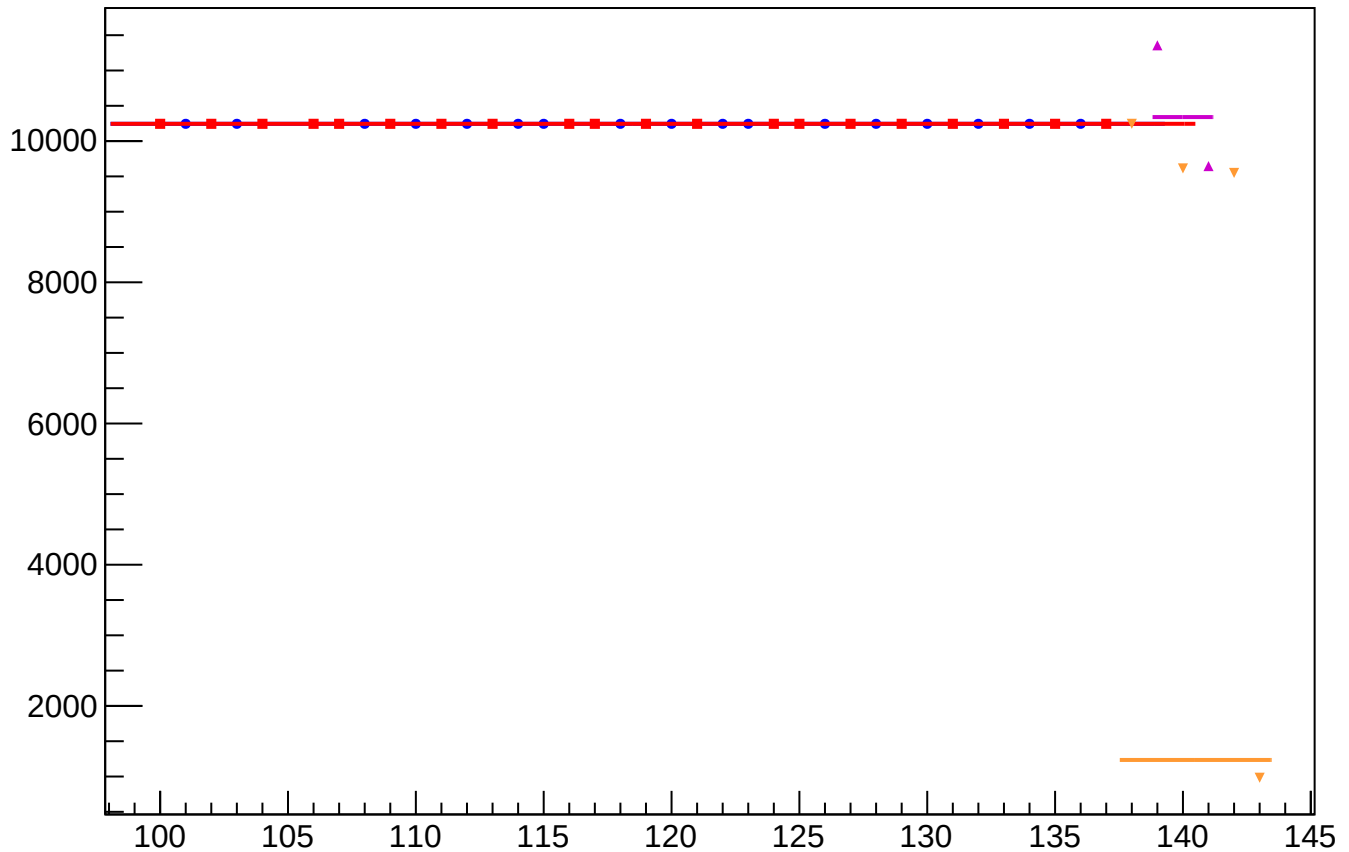
Right Out: 7747.732 $\pm$ 2701.366 χ^2 /NDF: 0.0/19

Left In: 4157.984 $\pm$ 8120.466 χ^2 /NDF: 0.1/1

-263.025 $\pm$ 1103.575 χ^2 /NDF: 11.9/20

7390.059 $\pm$ 2563.257 χ^2 /NDF: 0.2/21

asym_atl2_correction_rms vs Slug



Right In: 10244.850+/-2.072 χ^2/NDF : 0.0/16

Left Out: 1234.750+/-0.842 χ^2/NDF : 3049562.5/3

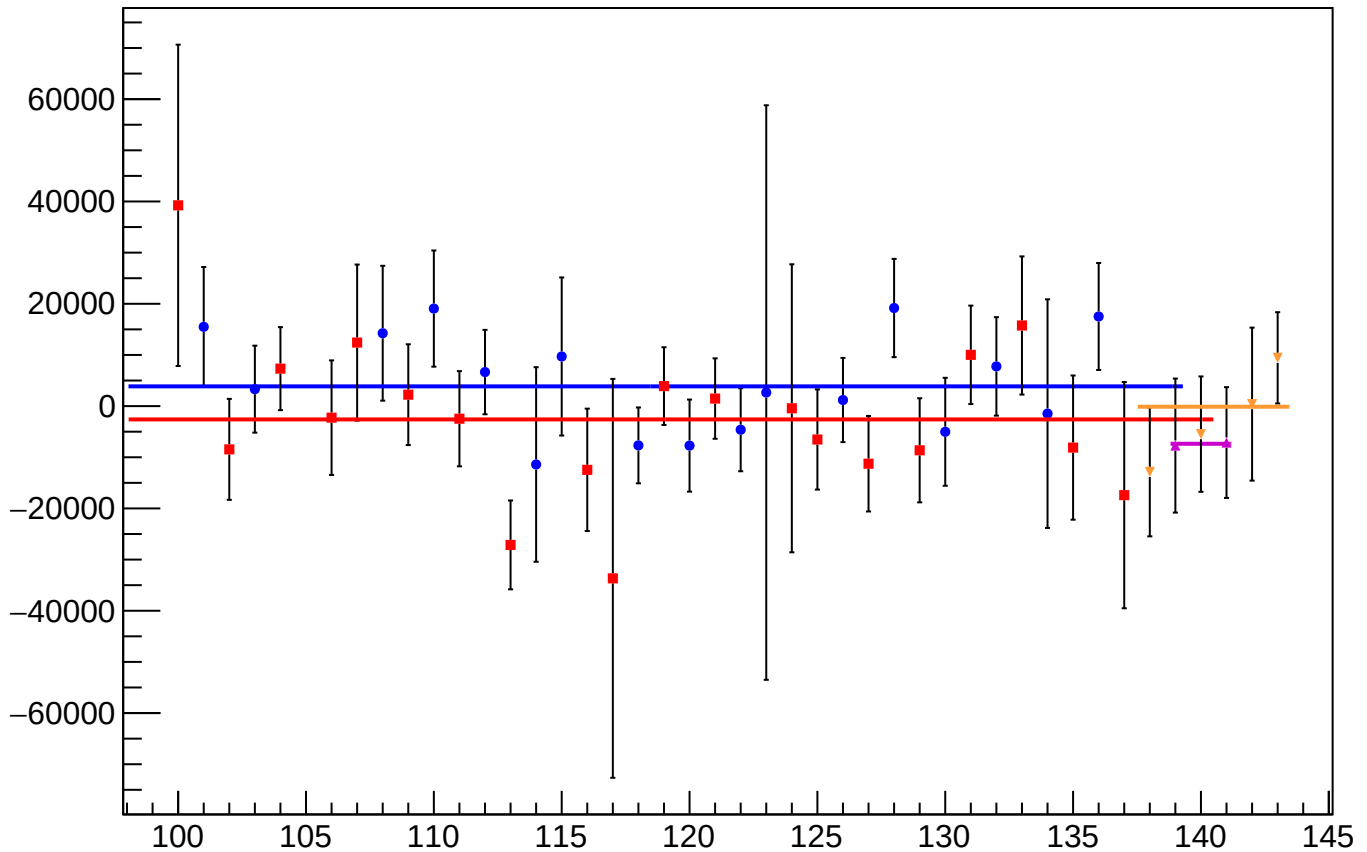
Right Out: 10244.850+/-1.910 χ^2/NDF : 0.0/19

Left In: 10340.453+/-5.742 χ^2/NDF : 21407.9/1

2512.911+/-0.780 χ^2/NDF : 19278876.8/20

10254.376+/-1.812 χ^2/NDF : 21657.5/21

asym_atl2_mean vs Slug



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -120.381 $\pm$ 5661.374 χ^2 /NDF: 2.4/3

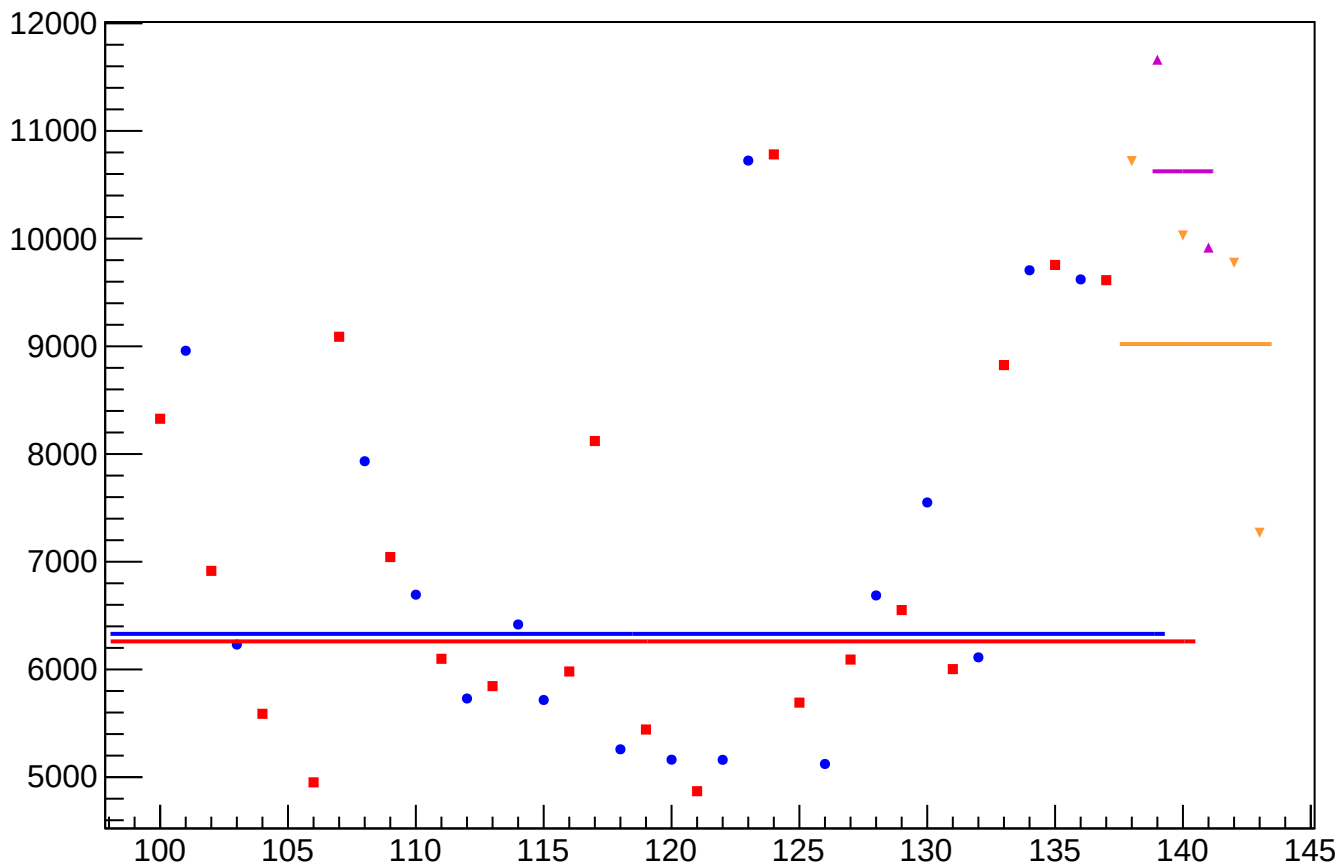
3206.546 $\pm$ 2293.663 χ^2 /NDF: 17.6/20

Right Out: -2602.758 $\pm$ 2416.653 χ^2 /NDF: 20.7/19

-2970.970 $\pm$ 2321.282 χ^2 /NDF: 21.0/21

Left In: -7361.820 $\pm$ 8345.251 χ^2 /NDF: 0.0/1

asym_atl2_rms vs Slug



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 9020.934+/-4.003 χ^2/NDF :134547.2/3

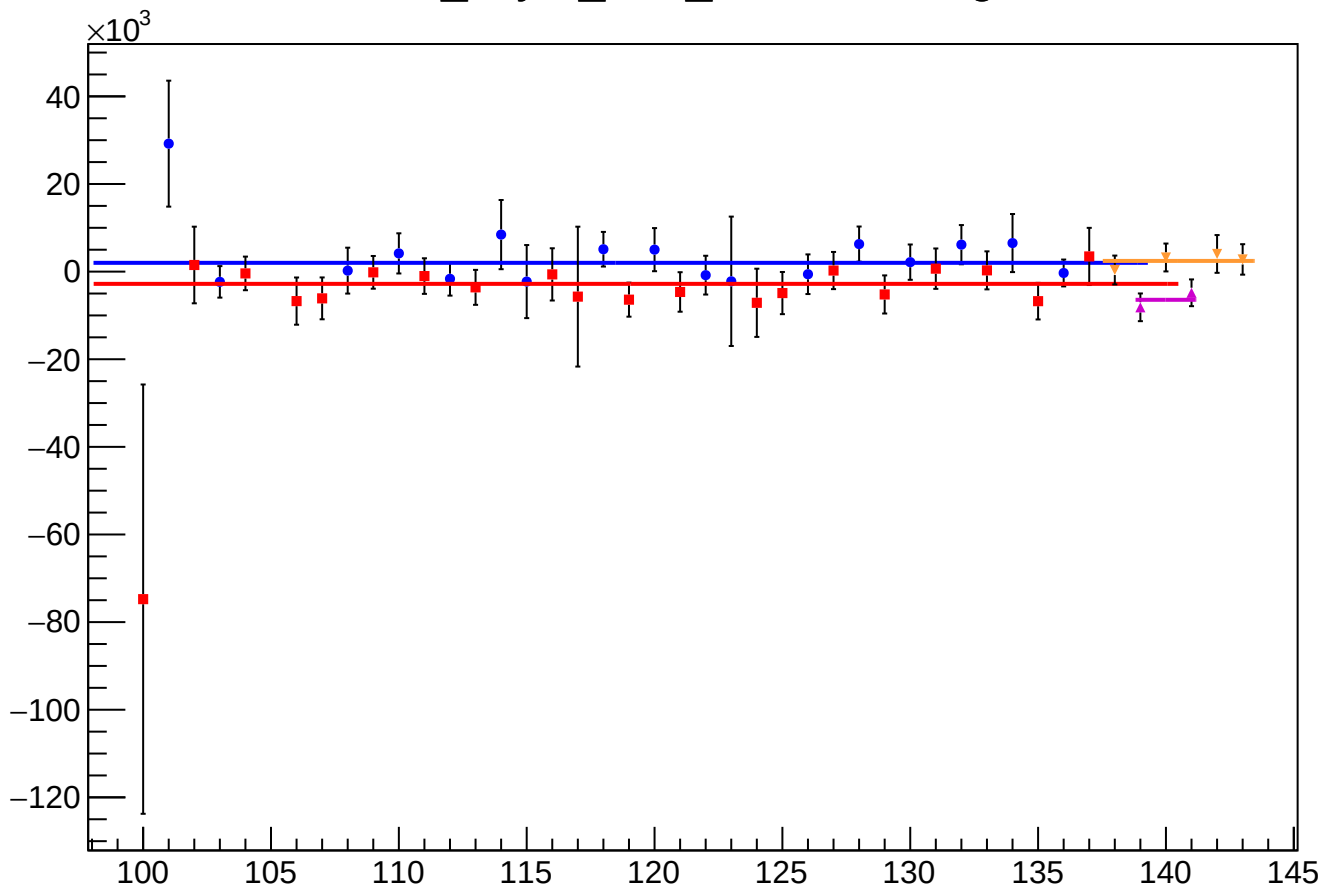
Right Out: 6260.505+/-1.709 χ^2/NDF : 539926.4/19

Left In: 10625.001+/-5.901 χ^2/NDF :21077.6/1

6771.931+/-1.622 χ^2/NDF : 1105543.0/20

6598.161+/-1.641 χ^2/NDF : 1065723.1/21

dit_asym_atr1_mean vs Slug



Right In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

Left Out: 2442.189+/-1746.671 χ^2/NDF : 0.6/3

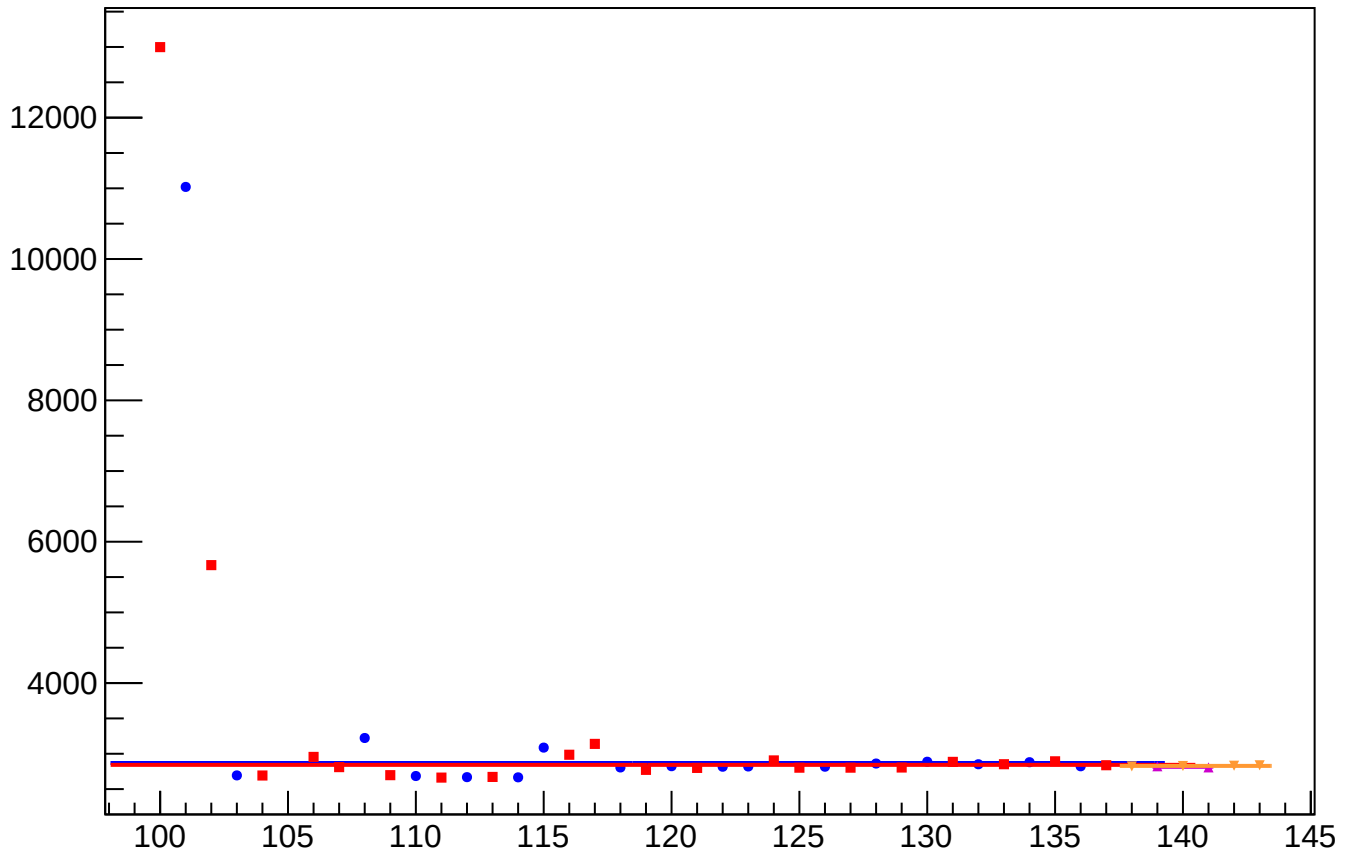
Right Out: -2794.497+/-1083.659 χ^2/NDF : 9.9/19

Left In: -6433.138+/-2196.790 χ^2/NDF : 0.6/1

2134.944+/-951.269 χ^2/NDF : 12.7/20

-3506.626+/-971.847 χ^2/NDF : 12.7/21

dit_asym_atr1_rms vs Slug



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

2857.057+/-0.673 χ^2/NDF : 670695.1/20

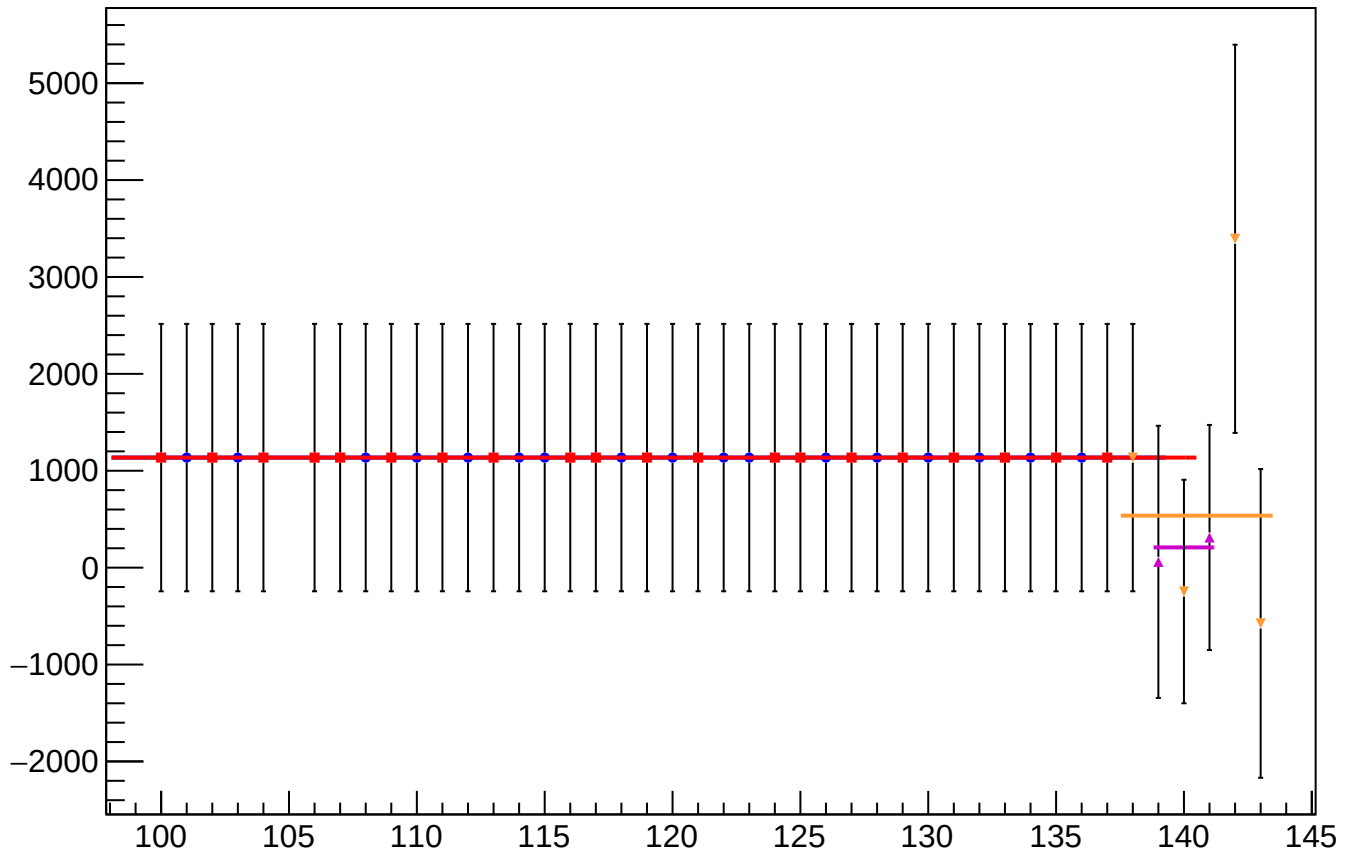
Left Out: 2828.269+/-1.235 χ^2/NDF : 22.3/3

Right Out: 2842.934+/-0.766 χ^2/NDF : 313216.9/19

2837.444+/-0.687 χ^2/NDF : 313505.2/21

Left In: 2814.884+/-1.553 χ^2/NDF : 26.0/1

asym_atr1_correction_mean vs Slug



Right In: 1135.803+/-334.665 χ^2/NDF : 0.0/16

Left Out: 536.552+/-721.663 χ^2/NDF : 3.2/3

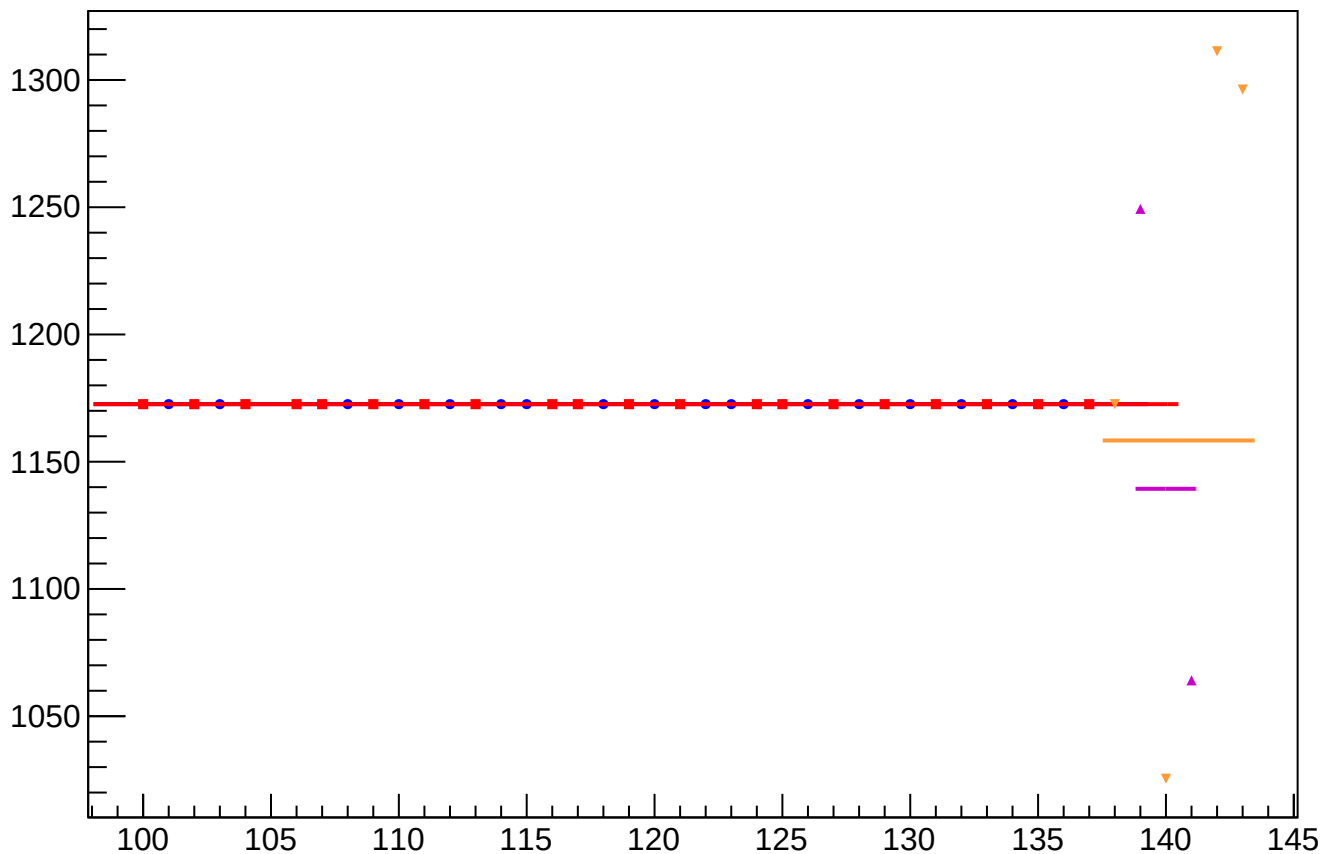
Right Out: 1135.803+/-308.546 χ^2/NDF : 0.0/19

Left In: 208.923+/-895.130 χ^2/NDF : 0.0/1

1029.740+/-303.608 χ^2/NDF : 3.7/20

1037.371+/-291.703 χ^2/NDF : 1.0/21

asym_atr1_correction_rms vs Slug



Right In: 1172.619 $\pm$ 0.237 χ^2/NDF : 0.0/16

Left Out: 1158.346 $\pm$ 0.510 χ^2/NDF : 53415.5/3

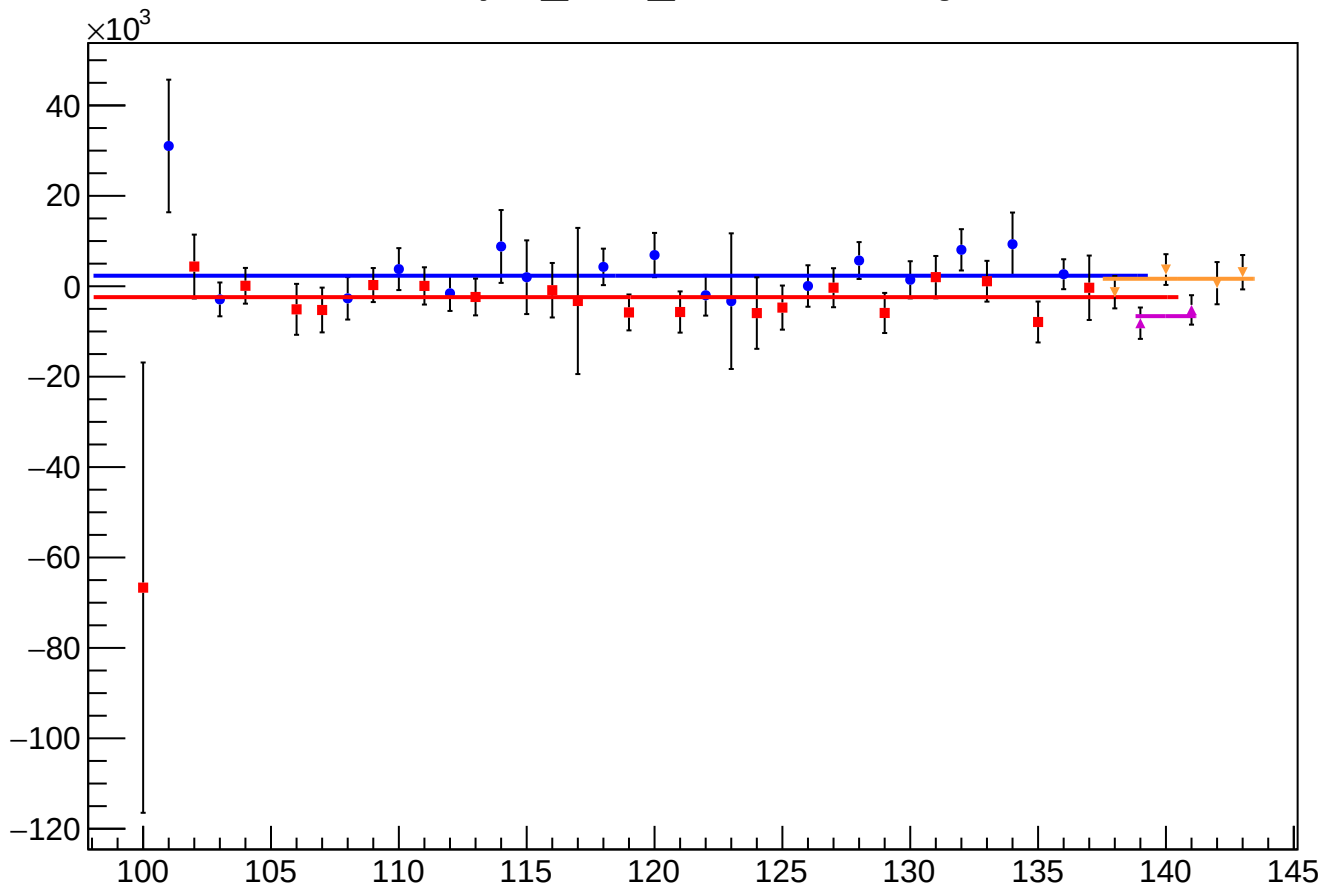
Right Out: 1172.619 $\pm$ 0.218 χ^2/NDF : 0.0/19

Left In: 1139.359 $\pm$ 0.633 χ^2/NDF : 20666.1/1

1170.093 $\pm$ 0.215 χ^2/NDF : 54059.4/20

1169.087 $\pm$ 0.206 χ^2/NDF : 23134.1/21

asym_atr1_mean vs Slug



Right In: 2330.134 ± 1156.555 χ^2/NDF : 14.4/16

Left Out: 1655.690 ± 1890.901 χ^2/NDF : 1.2/3

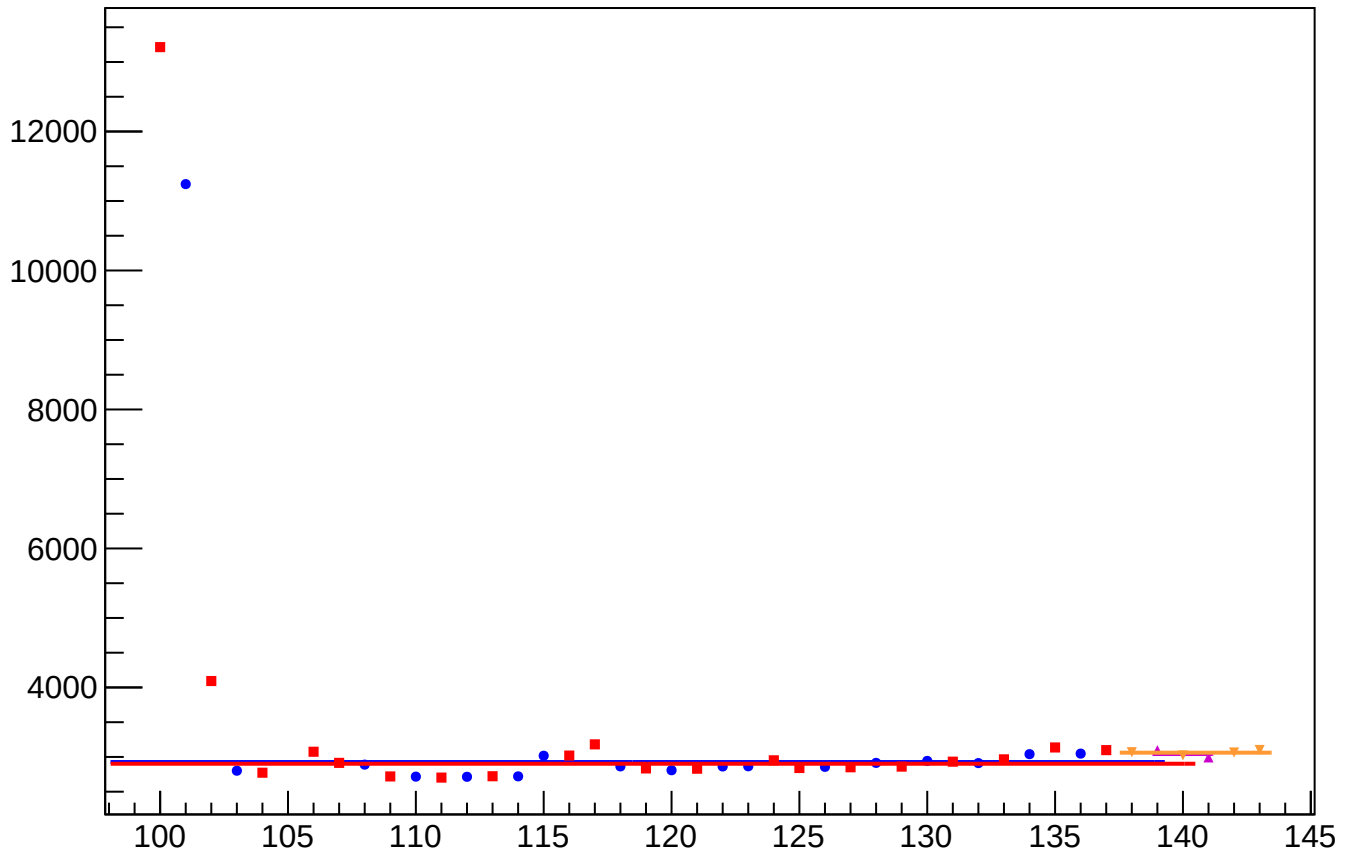
Right Out: -2407.761 ± 1107.485 χ^2/NDF : 10.1/19

Left In: -6610.312 ± 2375.118 χ^2/NDF : 0.4/1

2146.514 ± 986.634 χ^2/NDF : 15.7/20

-3158.306 ± 1003.731 χ^2/NDF : 13.0/21

asym_atr1_rms vs Slug



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3061.396+/-1.337 χ^2/NDF : 481.7/3

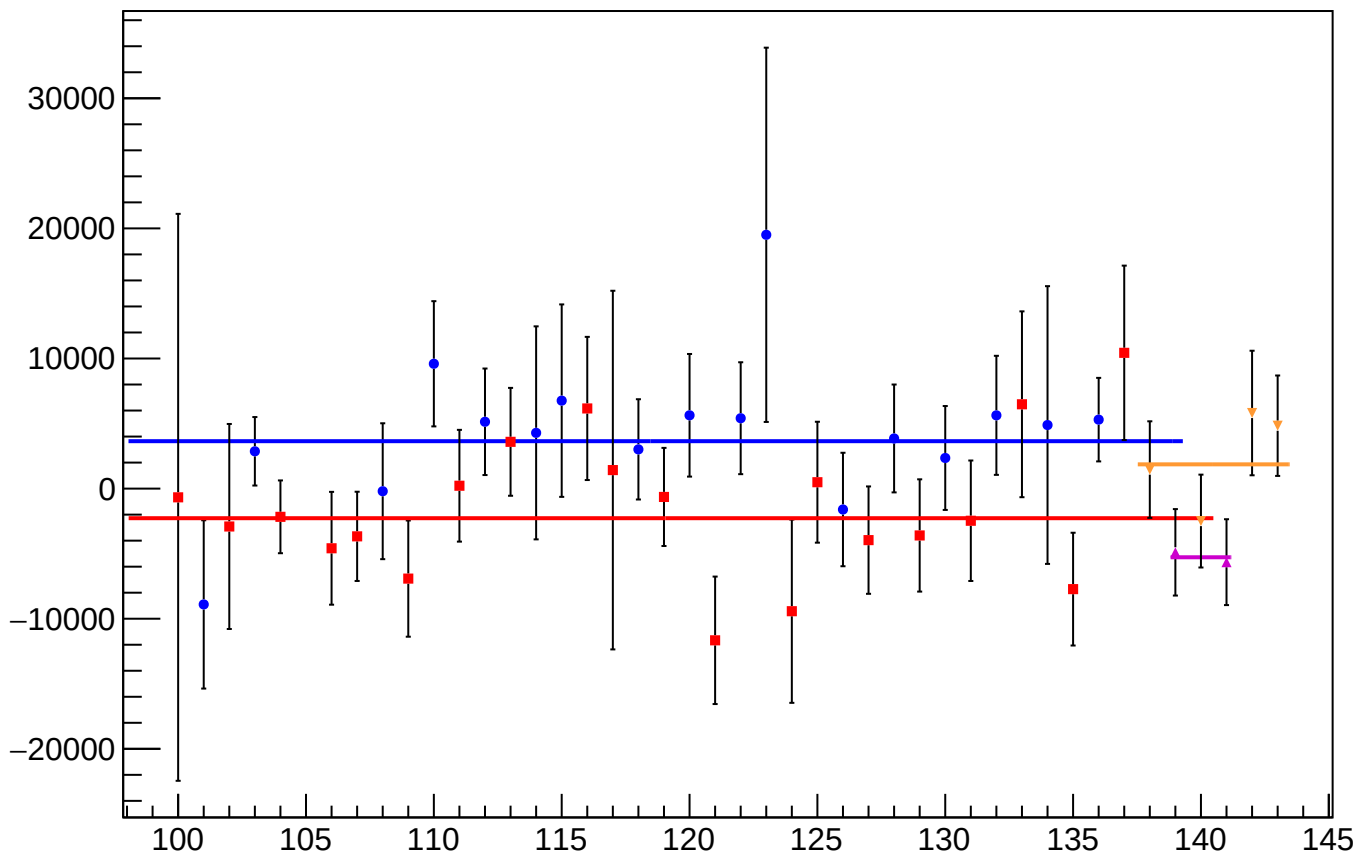
Right Out: 2902.143+/-0.783 χ^2/NDF : 170465.3/19

Left In: 3042.180+/-1.679 χ^2/NDF : 961.7/1

2963.306+/-0.698 χ^2/NDF : 670671.4/20

2927.152+/-0.710 χ^2/NDF : 177137.9/21

dit_asym_atr2_mean vs Slug



Right In: 3645.268+/-1091.486 χ^2/NDF : 9.9/16

Left Out: 1864.614+/-1953.967 χ^2/NDF : 2.8/3

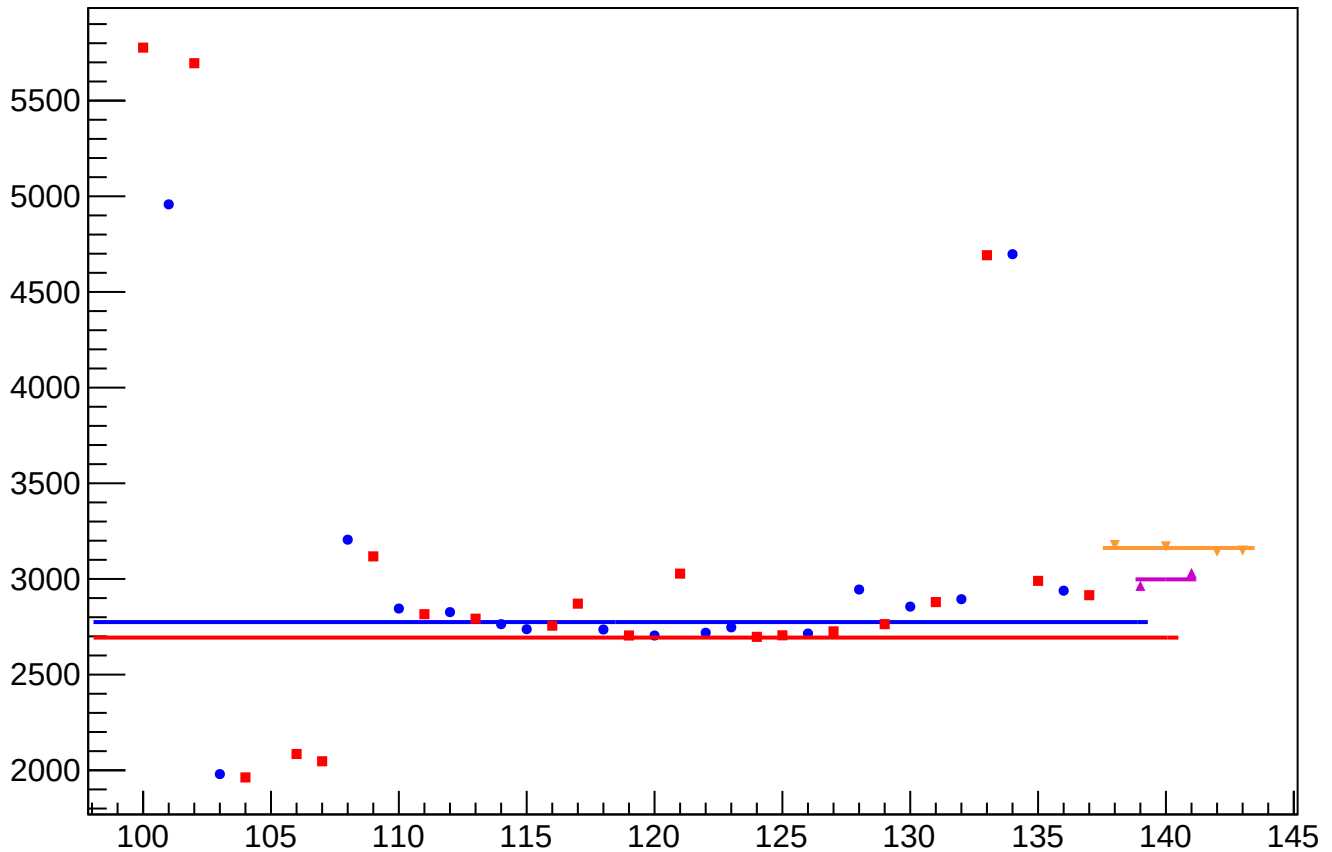
Right Out: -2274.510+/-1043.858 χ^2/NDF : 18.5/19

Left In: -5277.765+/-2341.300 χ^2/NDF : 0.0/1

3221.784+/-952.896 χ^2/NDF : 13.3/20

-2772.502+/-953.393 χ^2/NDF : 19.9/21

dit_asym_atr2_rms vs Slug



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 3161.980+/-1.382 χ^2/NDF : 103.2/3

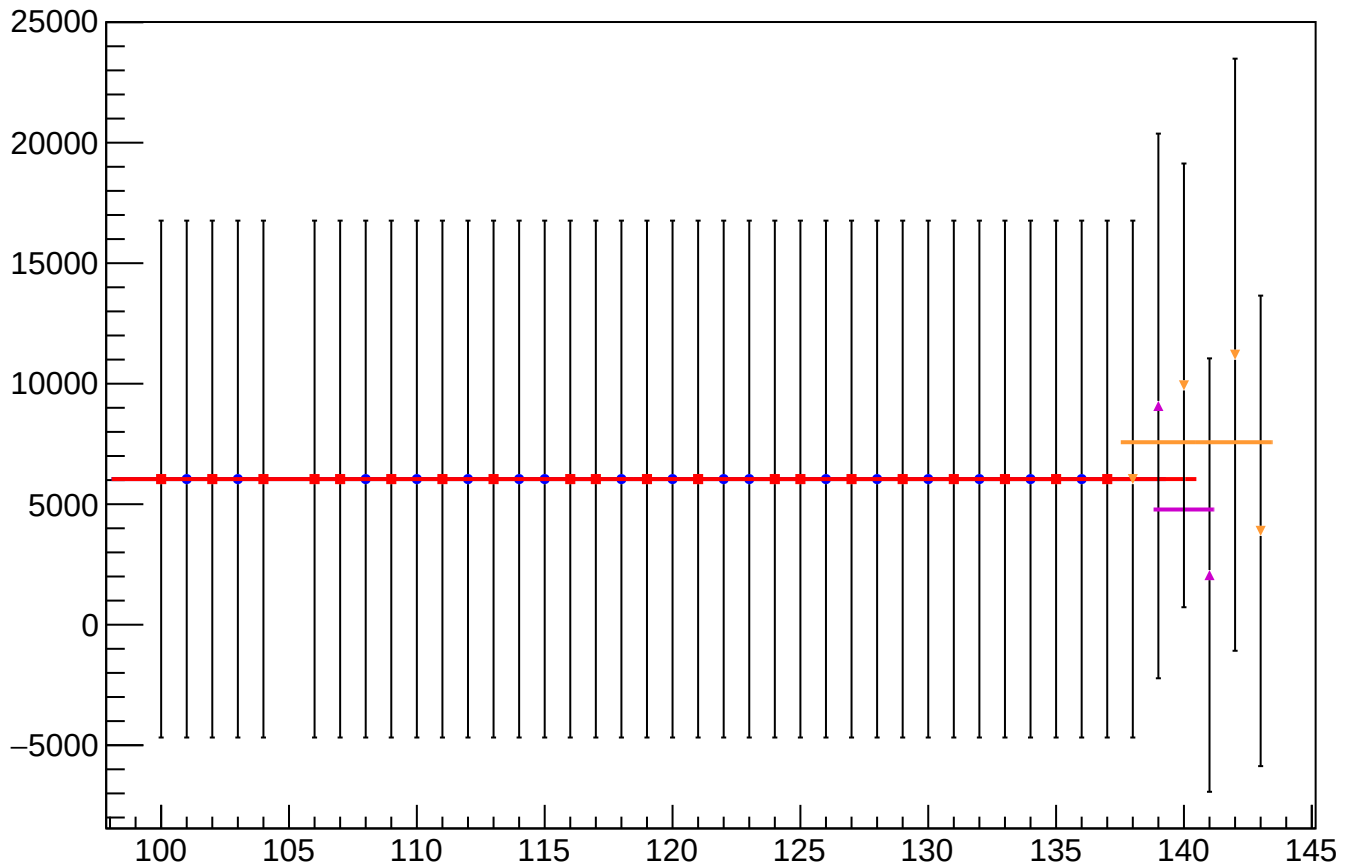
Right Out: 2693.533+/-0.738 χ^2/NDF : 780600.8/19

Left In: 2997.853+/-1.656 χ^2/NDF : 415.9/1

2866.742+/-0.674 χ^2/NDF : 561691.5/20

2743.967+/-0.674 χ^2/NDF : 809206.1/21

asym_atr2_correction_mean vs Slug



Right In: 6042.364+/-2600.702 χ^2/NDF : 0.0/16

Left Out: 7571.371+/-5155.634 χ^2/NDF : 0.3/3

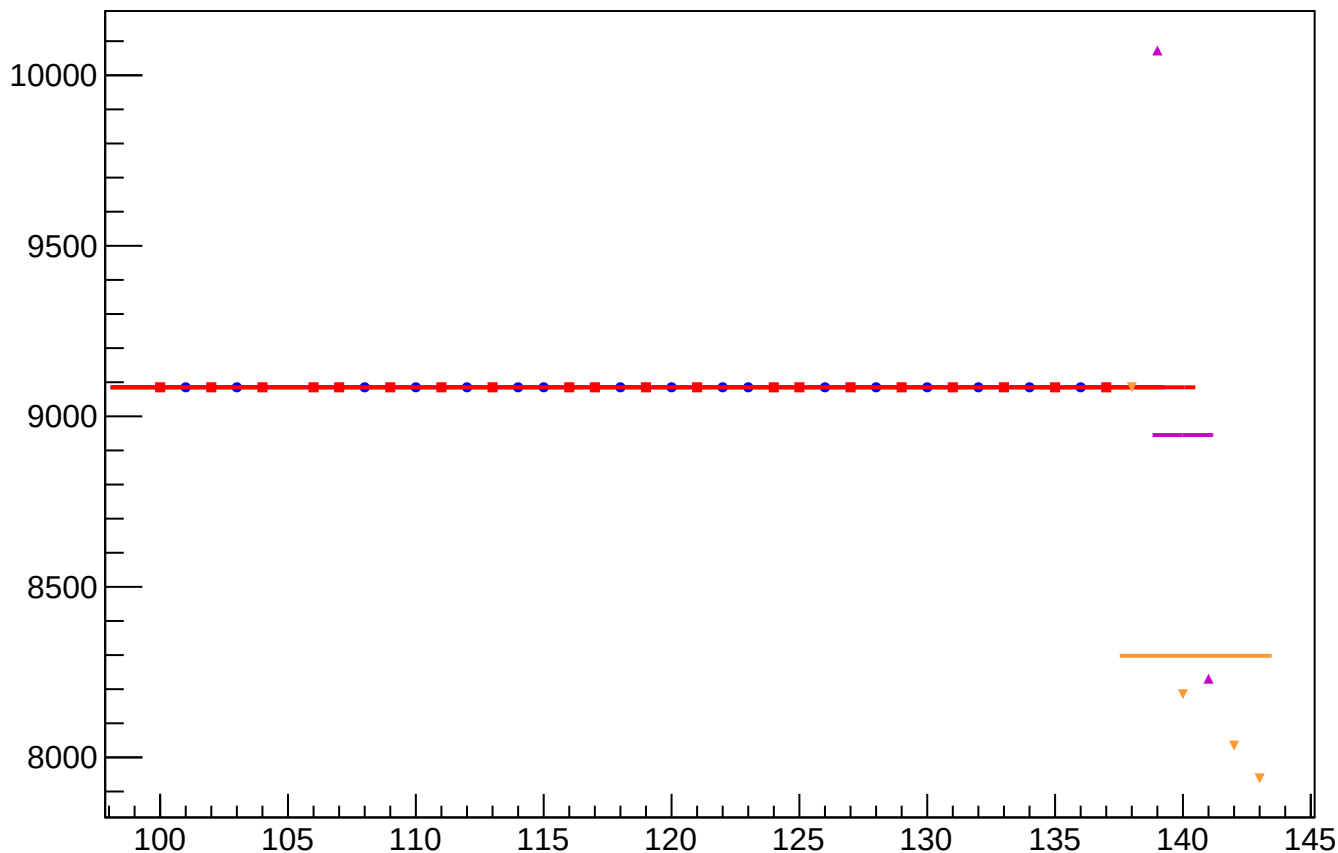
Right Out: 6042.364+/-2397.729 χ^2/NDF : 0.0/19

Left In: 4779.748+/-7035.920 χ^2/NDF : 0.2/1

6352.513+/-2322.001 χ^2/NDF : 0.4/20

5910.989+/-2269.561 χ^2/NDF : 0.3/21

asym_atr2_correction_rms vs Slug



Right In: 9085.129+/-1.839 χ^2/NDF : 0.0/16

Left Out: 8297.776+/-3.646 χ^2/NDF :14713.8/3

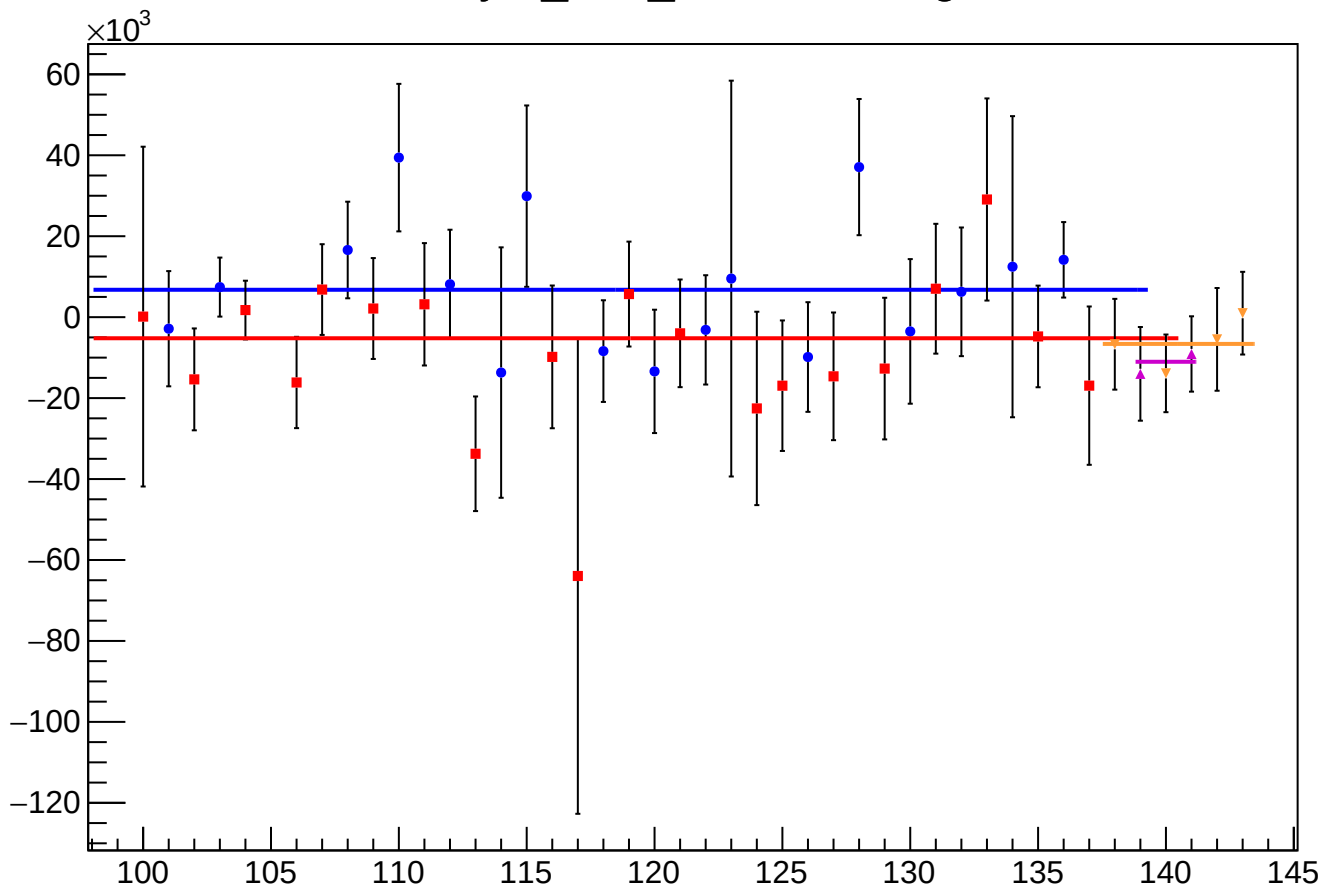
Right Out: 9085.129+/-1.695 χ^2/NDF : 0.0/19

Left In: 8945.118+/-4.975 χ^2/NDF :32543.3/1

8925.420+/-1.642 χ^2/NDF : 51897.2/20

9070.561+/-1.605 χ^2/NDF : 33252.9/21

asym_atr2_mean vs Slug



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

Left Out: -6610.071 $\pm$ 5375.835 χ^2 /NDF: 1.1/3

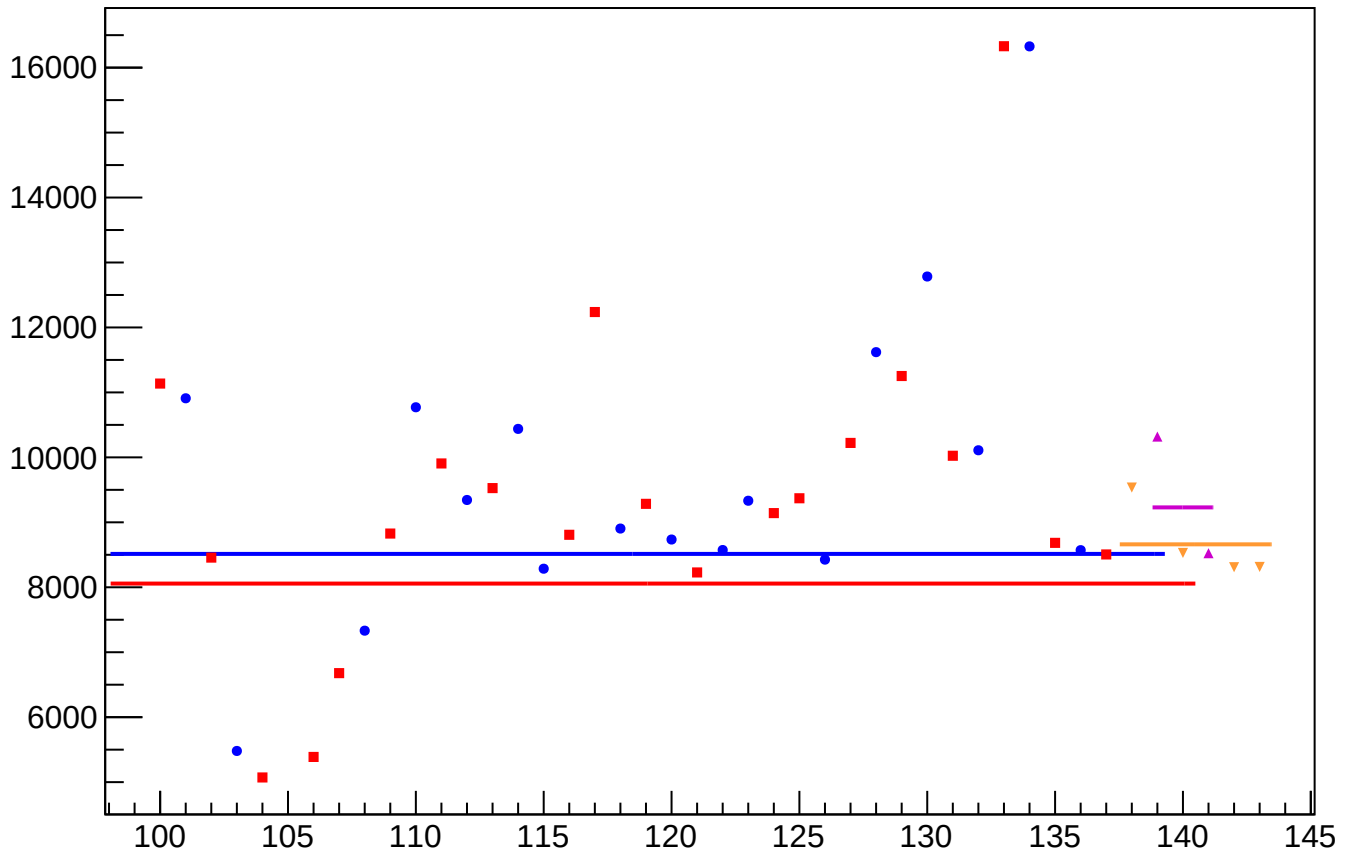
Right Out: -5212.142 $\pm$ 3163.023 χ^2 /NDF: 14.6/19

Left In: -11023.672 $\pm$ 7253.222 χ^2 /NDF: 0.1/1

2965.888 $\pm$ 2865.742 χ^2 /NDF: 20.9/20

-6140.732 $\pm$ 2899.331 χ^2 /NDF: 15.3/21

asym_atr2_rms vs Slug



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8660.958+/-3.801 χ^2/NDF :16395.7/3

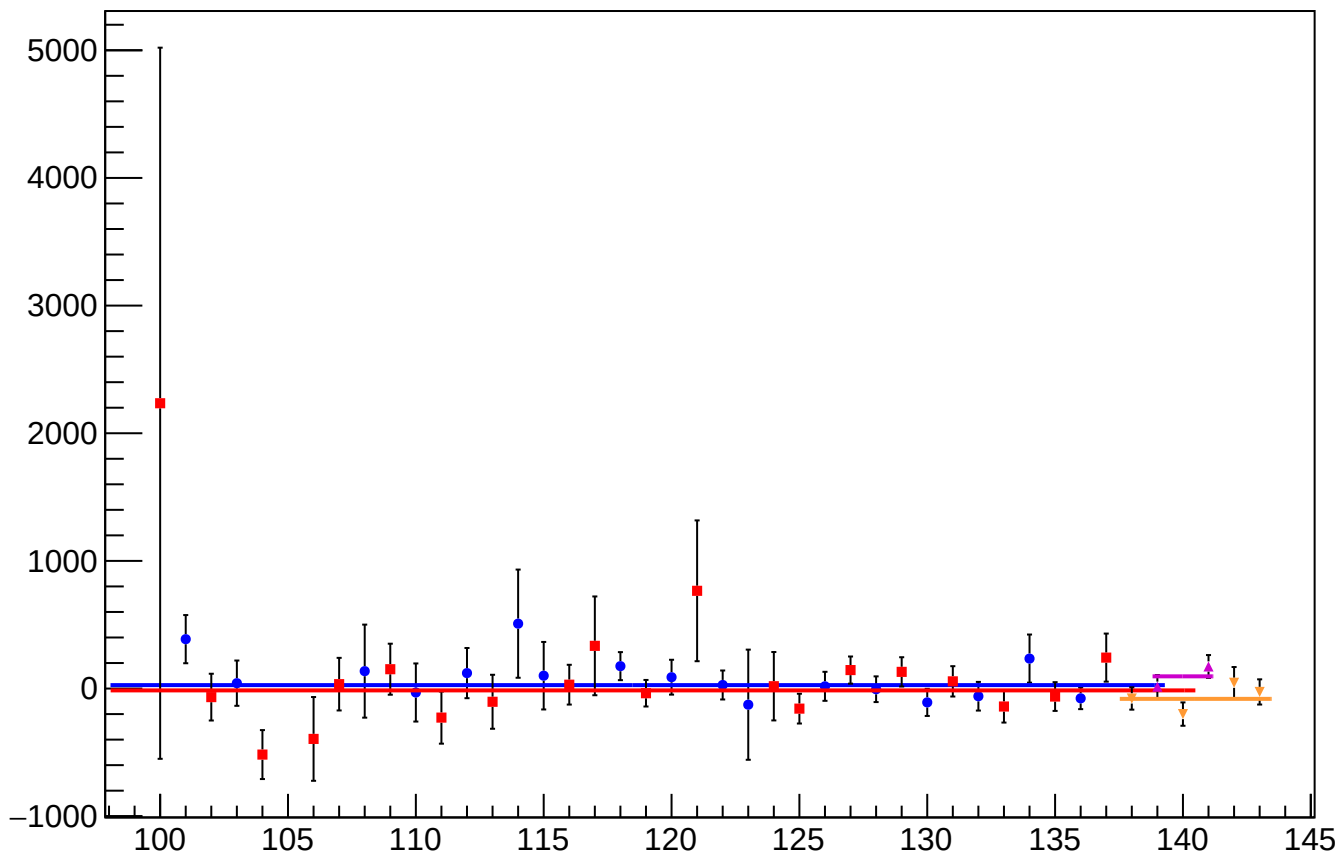
8555.522+/-2.026 χ^2/NDF : 780084.9/20

Right Out: 8056.887+/-2.237 χ^2/NDF : 962463.7/19

8244.273+/-2.050 χ^2/NDF : 1035628.8/21

Left In: 9229.705+/-5.129 χ^2/NDF :29228.7/1

dit_asym_sam1_mean vs Slug



Right In: 26.932+/-34.029 χ^2/NDF : 12.6/16

Left Out: -80.730+/-48.880 χ^2/NDF : 3.0/3

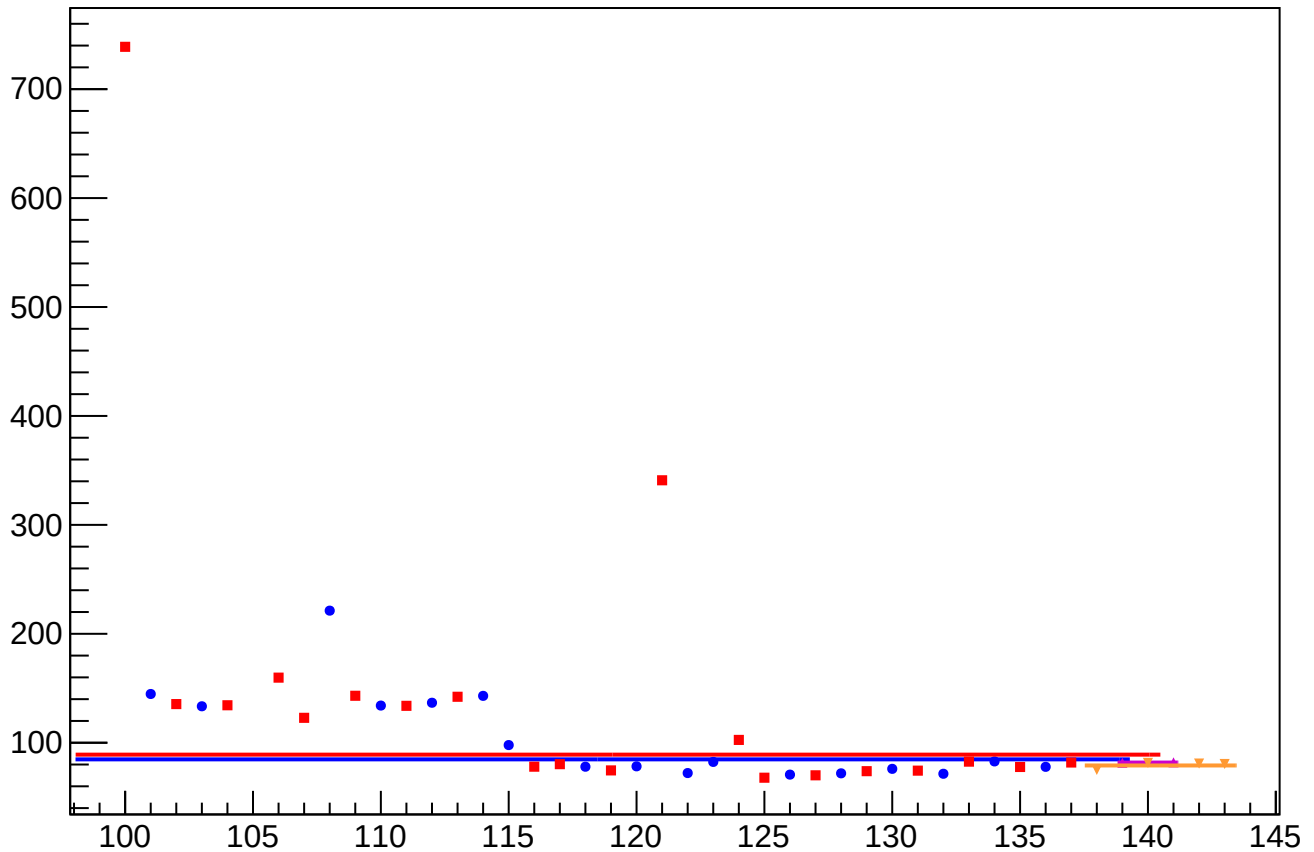
Right Out: -14.422+/-35.398 χ^2/NDF : 22.7/19

Left In: 95.708+/-63.919 χ^2/NDF : 1.5/1

-8.213+/-27.928 χ^2/NDF : 18.9/20

11.427+/-30.967 χ^2/NDF : 26.5/21

dit_asym_sam1_rms vs Slug



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 79.134+/-0.035 χ^2/NDF : 6547.7/3

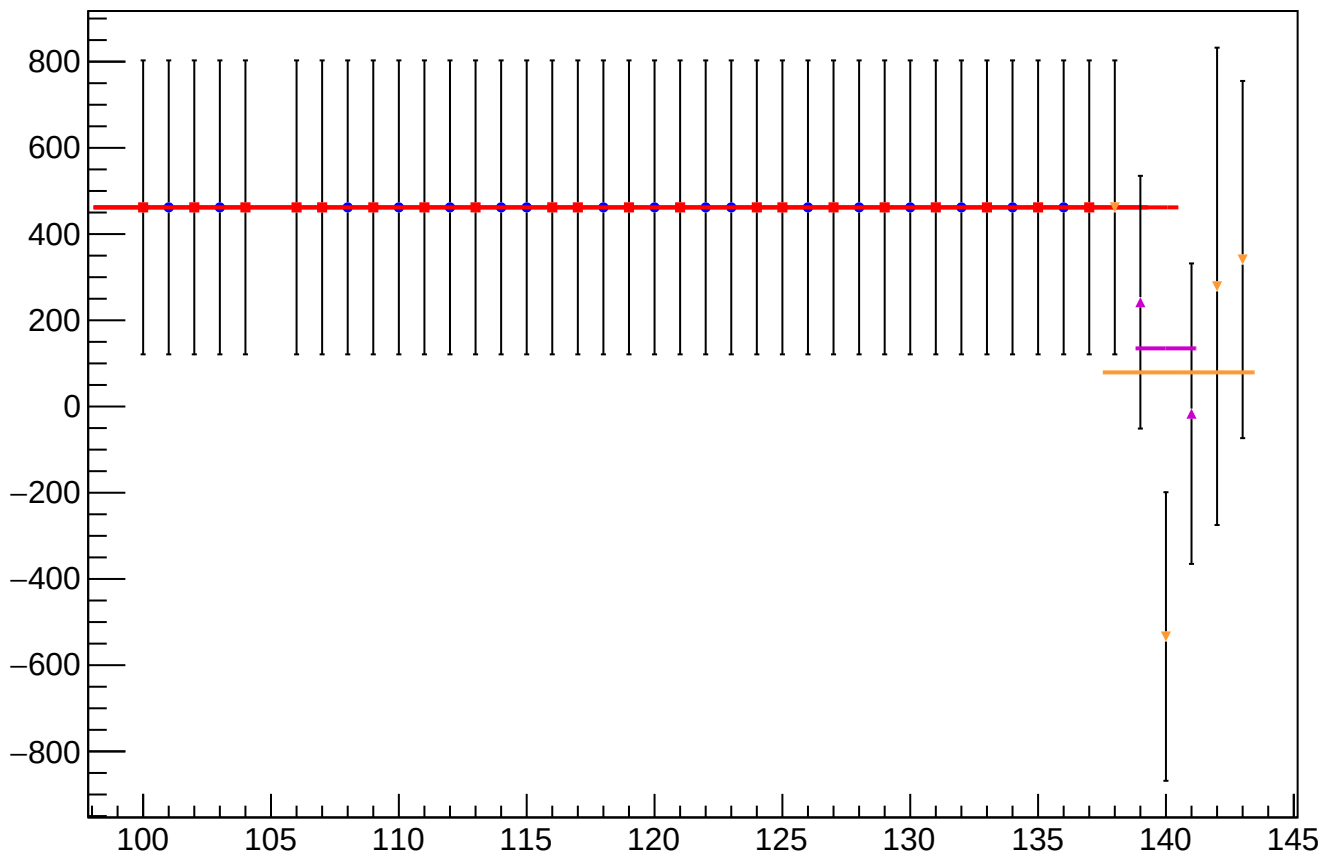
Right Out: 89.069+/-0.025 χ^2/NDF : 1560299.8/19

Left In: 81.802+/-0.045 χ^2/NDF : 17.4/1

82.908+/-0.020 χ^2/NDF : 1088668.9/20

87.364+/-0.022 χ^2/NDF : 1580102.2/21

asym_sam1_correction_mean vs Slug



Right In: 461.935 $\pm$ 82.689 χ^2 /NDF: 0.0/16

Left Out: 79.187 $\pm$ 193.827 χ^2 /NDF:5.1/3

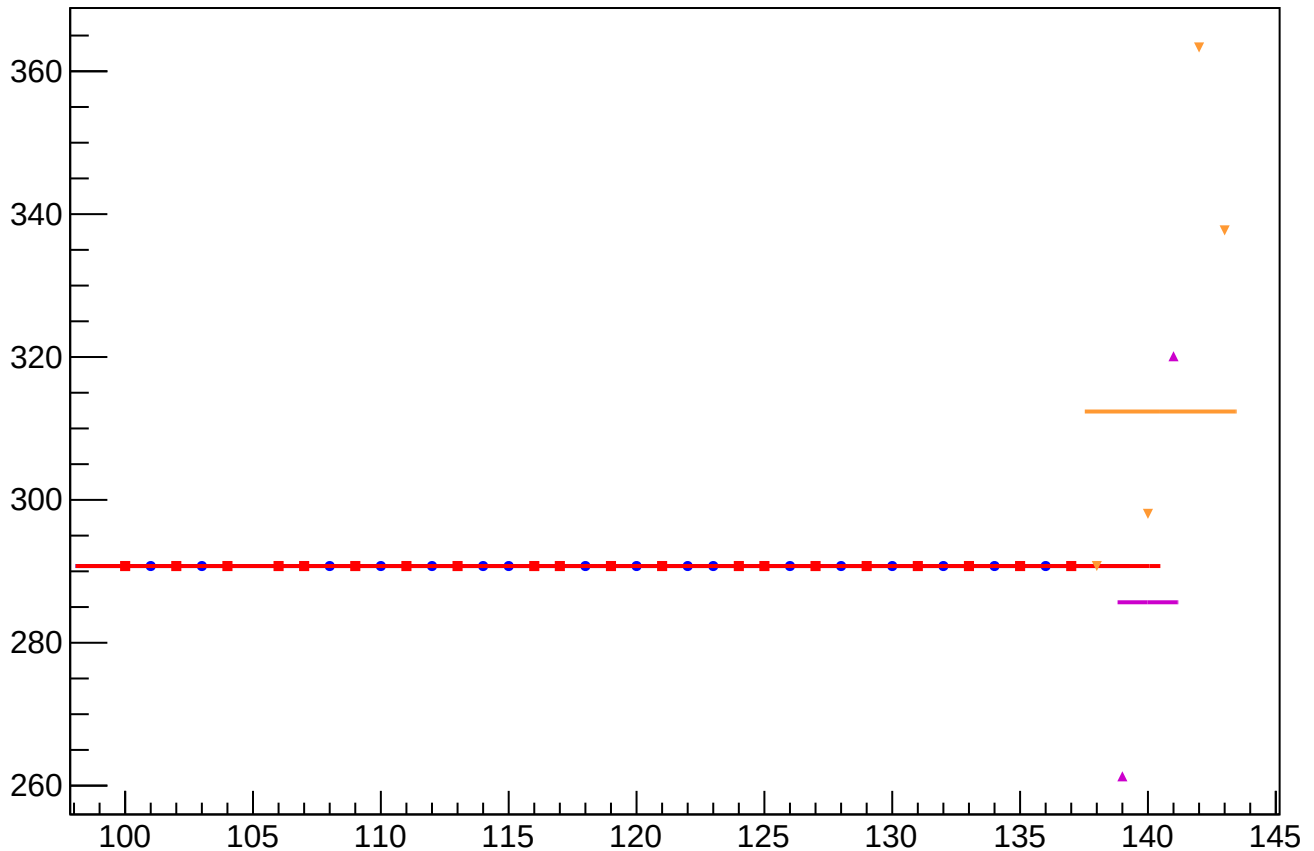
Right Out: 461.935 $\pm$ 76.236 χ^2 /NDF: 0.0/19

Left In: 134.855 $\pm$ 224.328 χ^2 /NDF:0.3/1

403.000 $\pm$ 76.057 χ^2 /NDF: 8.4/20

428.070 $\pm$ 72.182 χ^2 /NDF: 2.2/21

asym_sam1_correction_rms vs Slug



Right In: 290.739 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 312.371 $\pm$ 0.137 χ^2 /NDF:36149.6/3

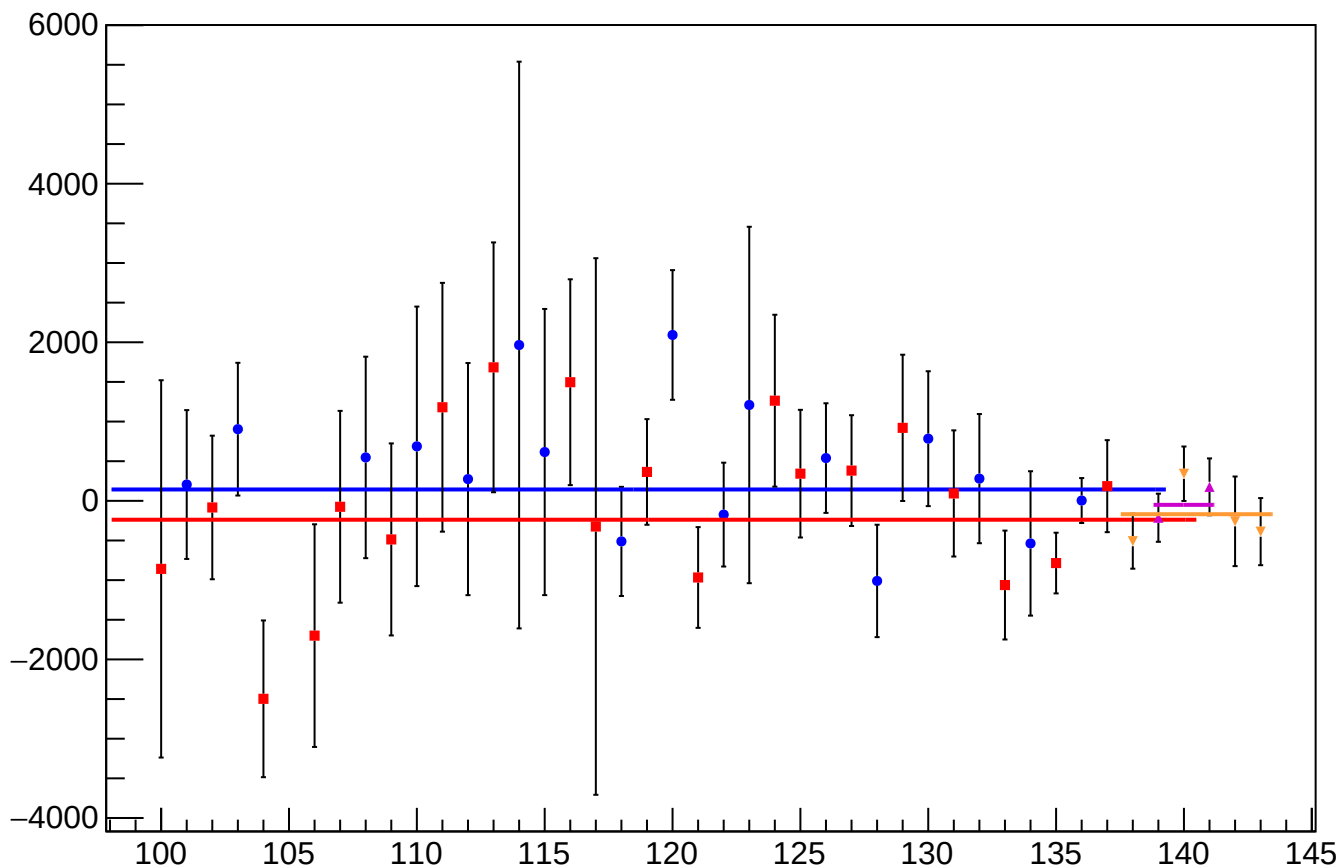
Right Out: 290.739 $\pm$ 0.054 χ^2 /NDF: 0.0/19

Left In: 285.667 $\pm$ 0.159 χ^2 /NDF:33347.0/1

294.070 $\pm$ 0.054 χ^2 /NDF: 57224.3/20

290.214 $\pm$ 0.051 χ^2 /NDF: 34263.7/21

asym_sam1_mean vs Slug



Right In: 143.486+/-179.237 χ^2/NDF : 12.8/16

Left Out: -168.567+/-197.991 χ^2/NDF : 3.5/3

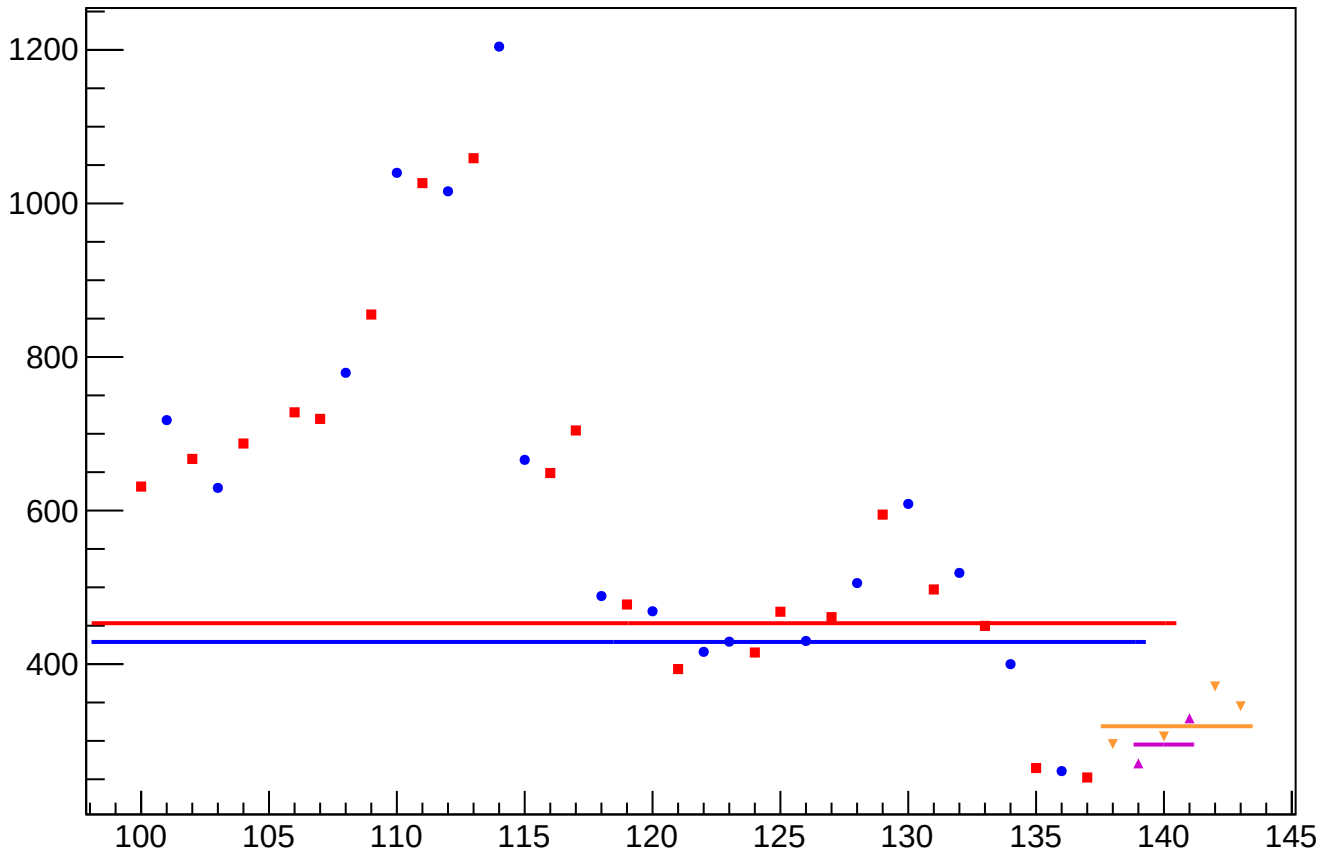
Right Out: -238.073+/-183.724 χ^2/NDF : 21.7/19

Left In: -50.465+/-231.666 χ^2/NDF : 0.7/1

2.935+/-132.877 χ^2/NDF : 17.6/20

-165.638+/-143.950 χ^2/NDF : 22.8/21

asym_sam1_rms vs Slug



Right In: 428.856+/-0.127 χ^2/NDF : 2012329.6/16

Left Out: 319.089+/-0.140 χ^2/NDF : 36385.3/3

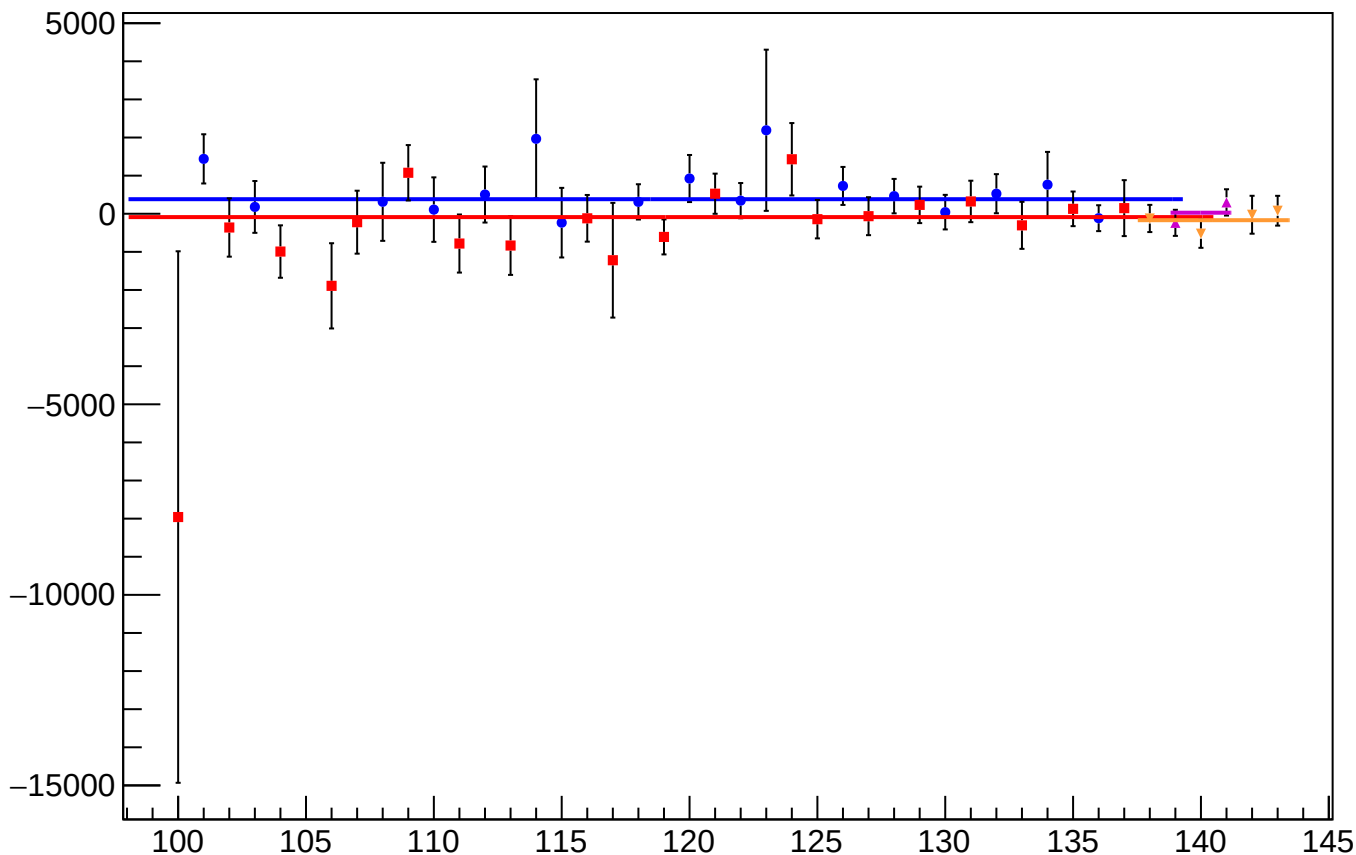
379.416+/-0.094 χ^2/NDF : 2386565.9/20

Right Out: 453.260+/-0.130 χ^2/NDF : 2050280.3/19

392.248+/-0.102 χ^2/NDF : 2652723.5/21

Left In: 295.241+/-0.164 χ^2/NDF : 31202.5/1

dit_asym_sam2_mean vs Slug



Right In: 381.893+/-141.192 χ^2/NDF : 9.4/16

Left Out: -168.941+/-197.359 χ^2/NDF : 1.4/3

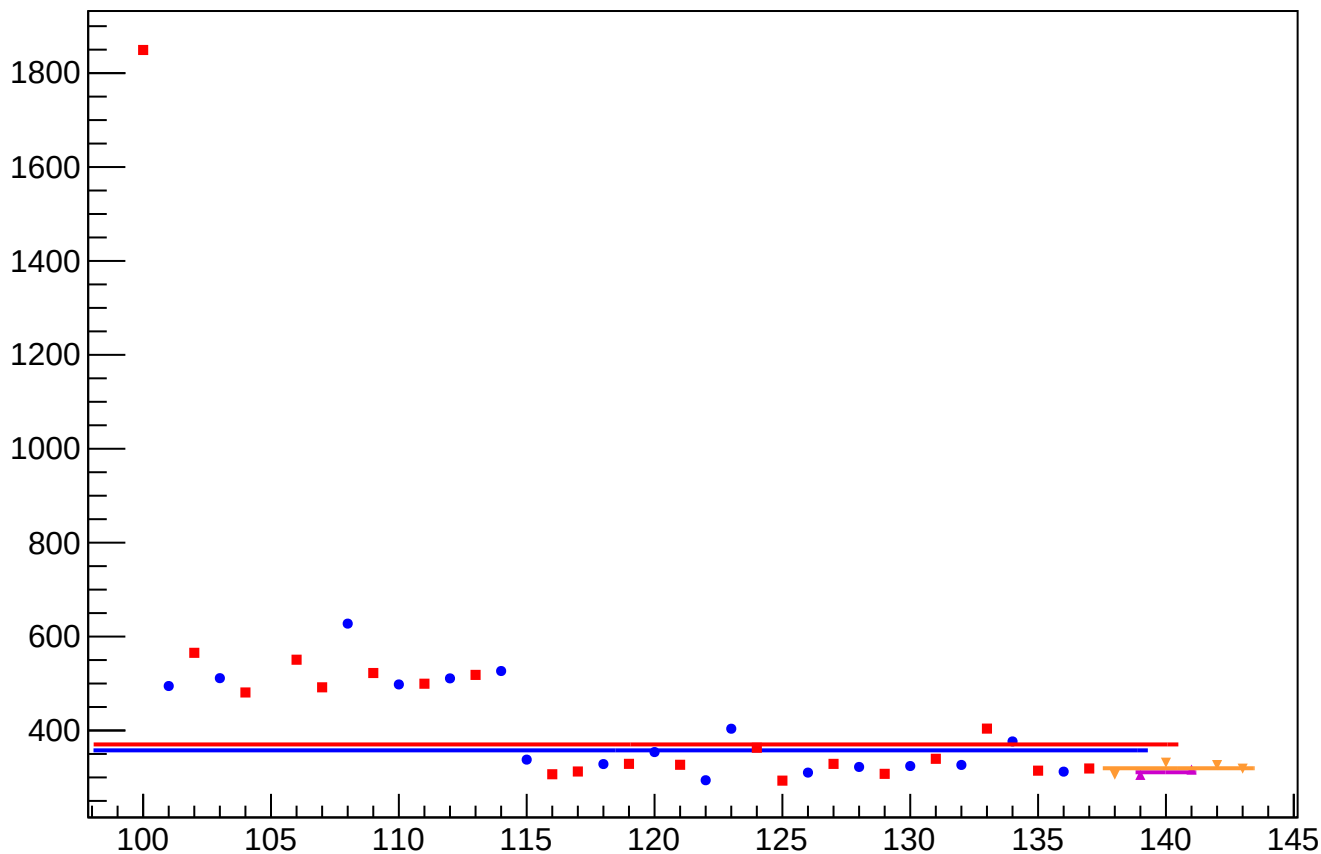
Right Out: -87.772+/-142.821 χ^2/NDF : 17.3/19

Left In: 27.501+/-242.876 χ^2/NDF : 1.2/1

195.413+/-114.832 χ^2/NDF : 16.0/20

-58.154+/-123.113 χ^2/NDF : 18.7/21

dit_asym_sam2_rms vs Slug



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 319.538 $\pm$ 0.140 χ^2 /NDF: 5348.5/3

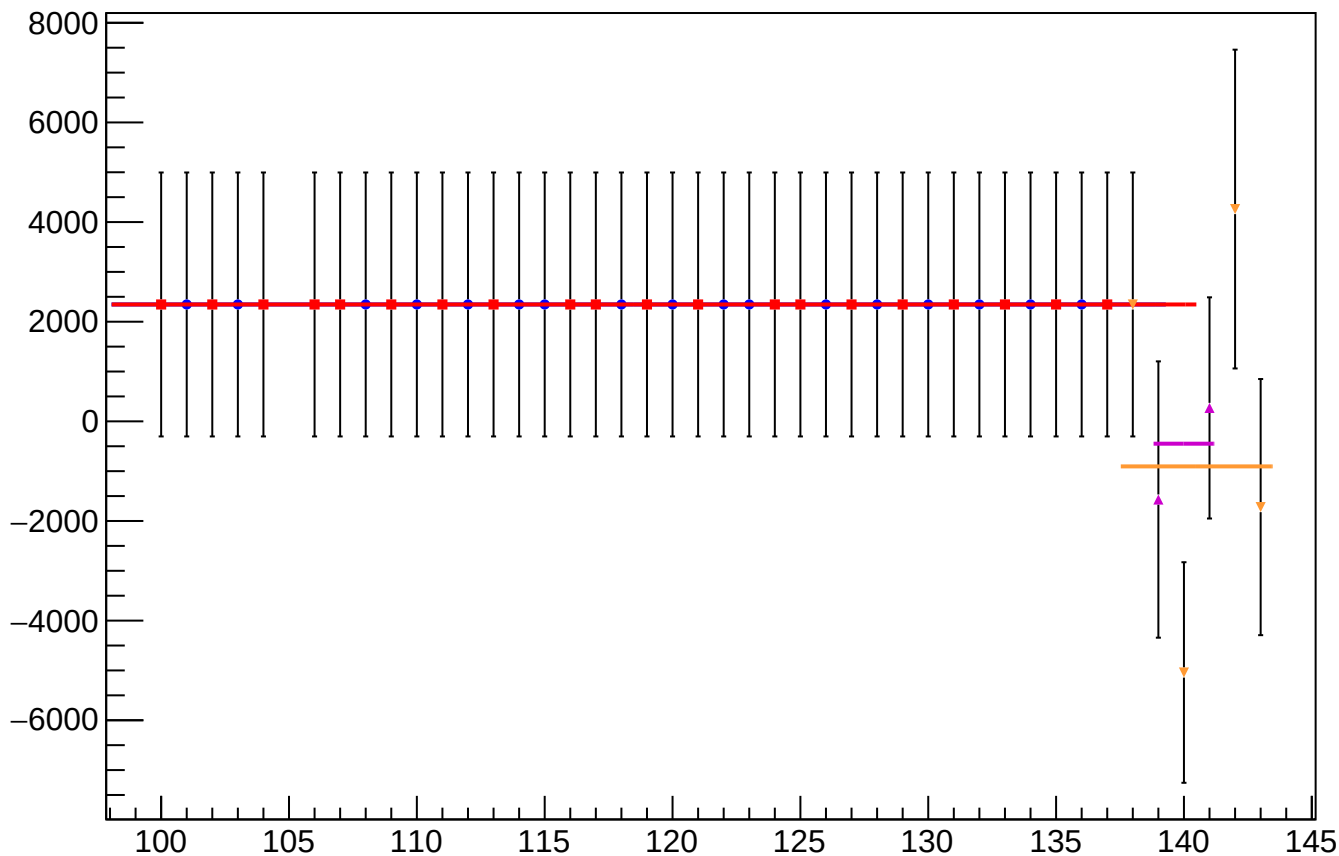
Right Out: 370.270 $\pm$ 0.101 χ^2 /NDF: 787745.4/19

Left In: 311.015 $\pm$ 0.172 χ^2 /NDF: 1083.5/1

344.757 $\pm$ 0.081 χ^2 /NDF: 684389.9/20

355.045 $\pm$ 0.087 χ^2 /NDF: 877285.6/21

asym_sam2_correction_mean vs Slug



Right In: 2346.140+/-642.506 χ^2/NDF : 0.0/16

Left Out: -904.420+/-1295.832 χ^2/NDF : 7.7/3

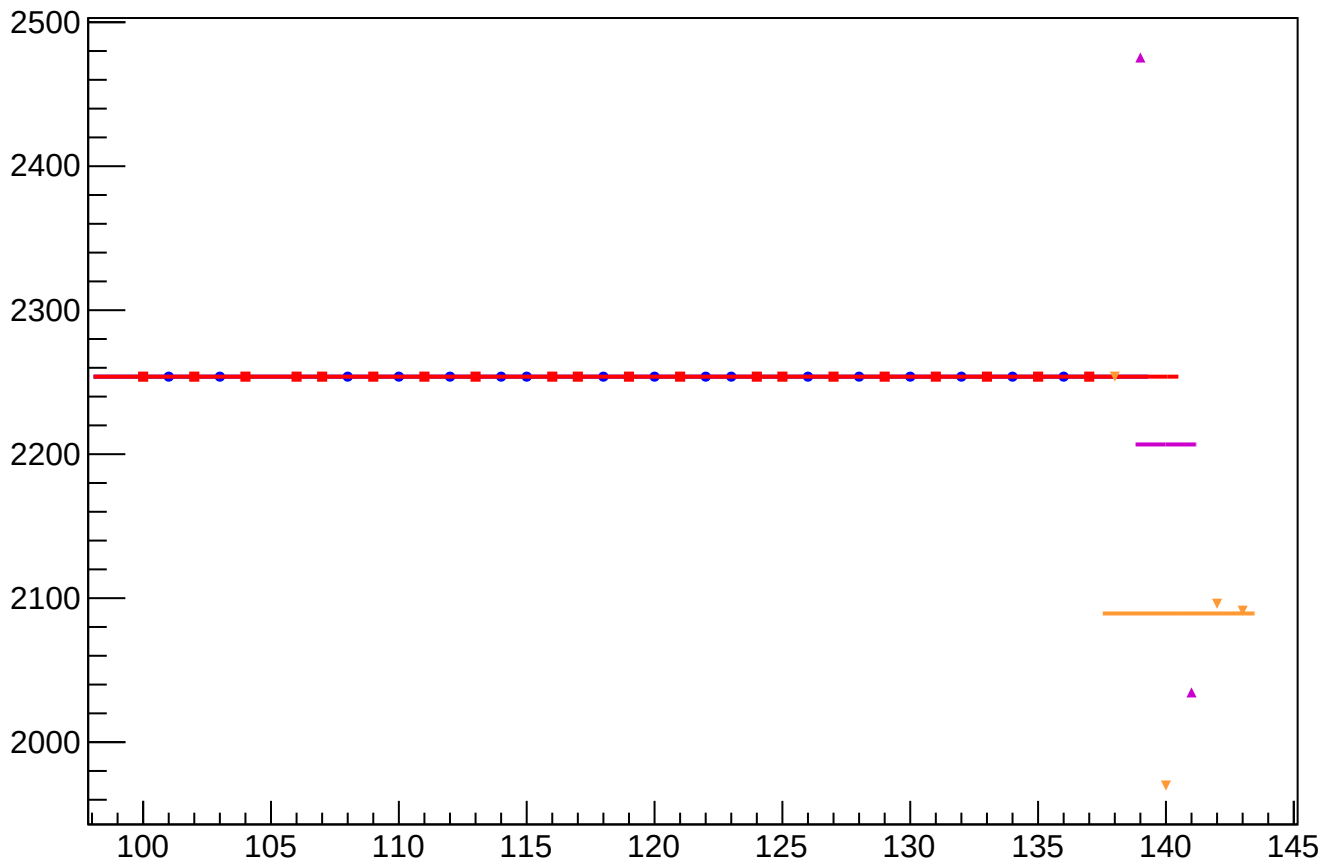
Right Out: 2346.140+/-592.361 χ^2/NDF : 0.0/19

Left In: -448.631+/-1733.074 χ^2/NDF : 0.3/1

1704.706+/-575.633 χ^2/NDF : 12.8/20

2053.792+/-560.524 χ^2/NDF : 2.6/21

asym_sam2_correction_rms vs Slug



Right In: 2253.842 $\pm$ 0.454 χ^2/NDF : 0.0/16

Left Out: 2089.376 $\pm$ 0.916 χ^2/NDF : 13546.9/3

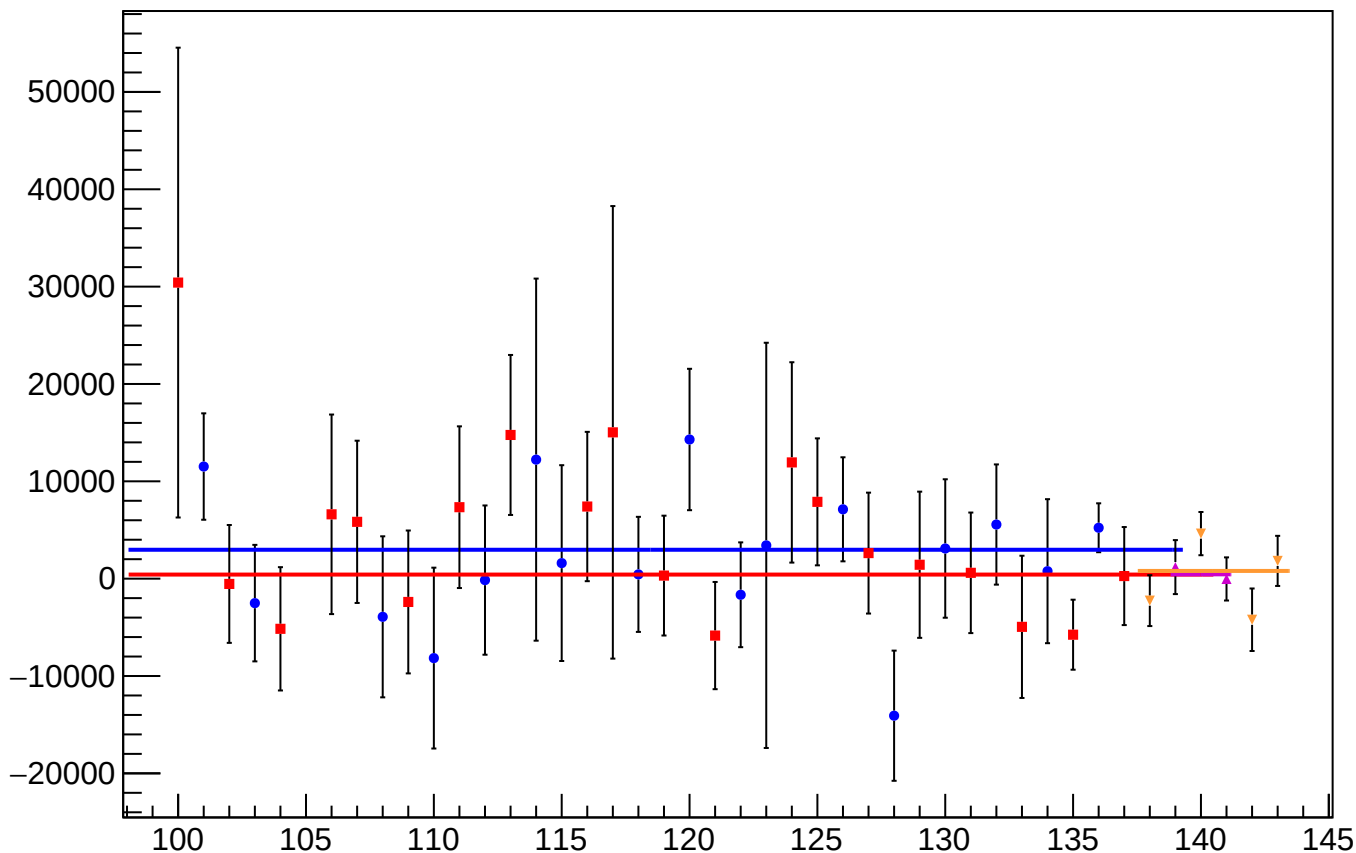
Right Out: 2253.842 $\pm$ 0.419 χ^2/NDF : 0.0/19

Left In: 2206.756 $\pm$ 1.225 χ^2/NDF : 30816.4/1

2221.388 $\pm$ 0.407 χ^2/NDF : 39406.6/20

2248.917 $\pm$ 0.396 χ^2/NDF : 32138.3/21

asym_sam2_mean vs Slug



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 793.890+/-1293.921 χ^2/NDF : 6.9/3

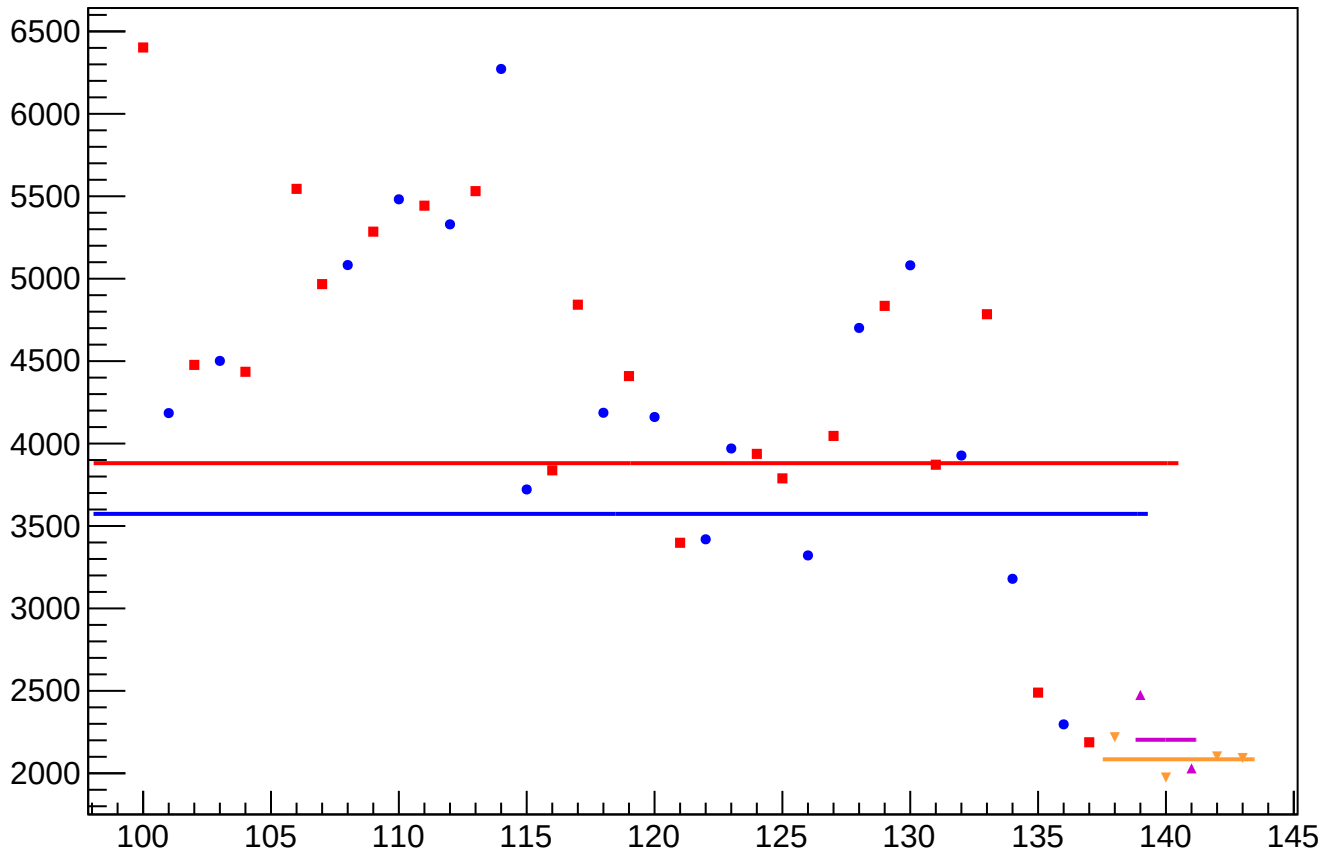
Right Out: 420.104+/-1503.907 χ^2/NDF : 15.7/19

Left In: 444.666+/-1731.034 χ^2/NDF : 0.1/1

1765.245+/-962.600 χ^2/NDF : 25.6/20

430.669+/-1135.291 χ^2/NDF : 15.9/21

asym_sam2_rms vs Slug



Right In: 3573.470+/-1.019 χ^2/NDF : 1088731.5/16

Left Out: 2084.873+/-0.915 χ^2/NDF : 10282.6/3

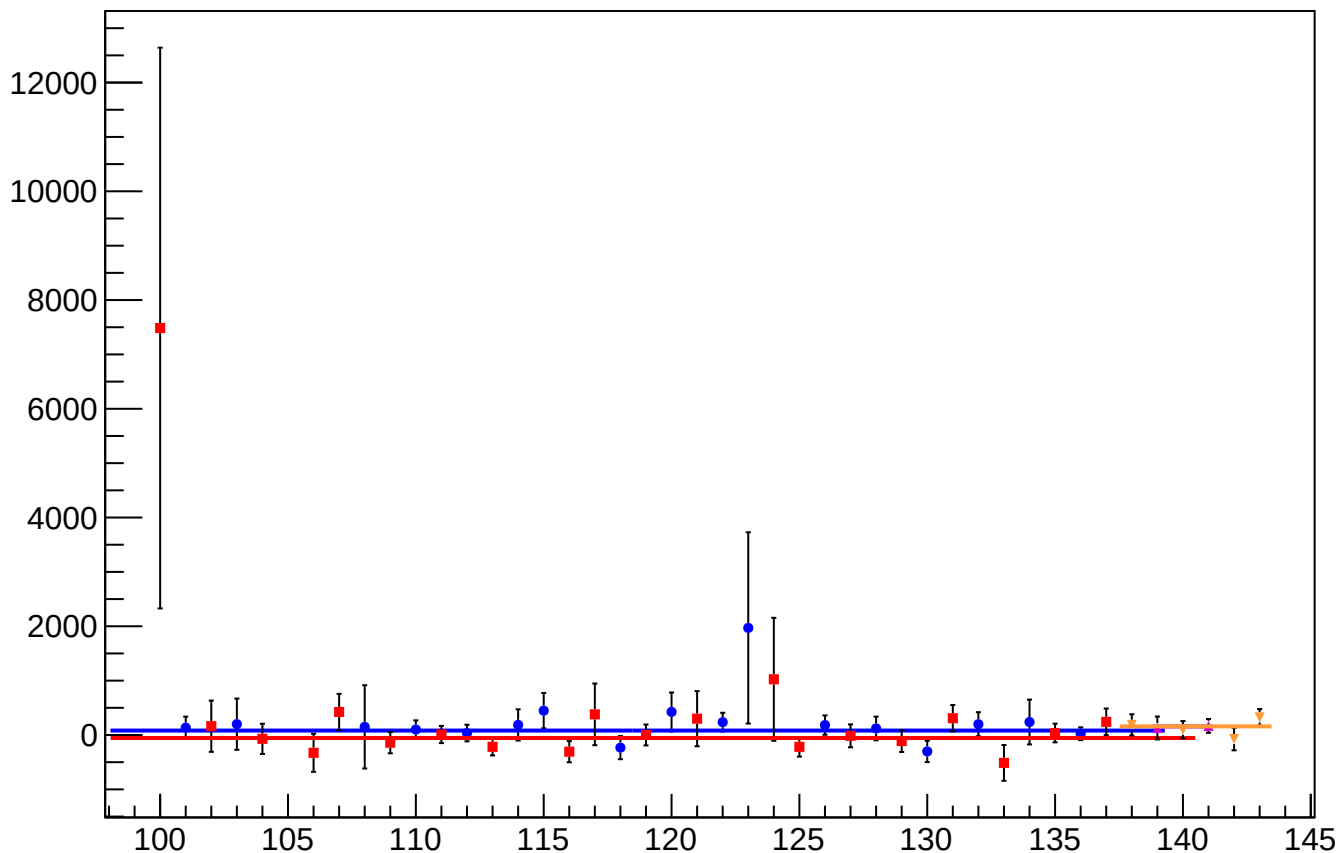
Right Out: 3880.955+/-1.063 χ^2/NDF : 991845.4/19

Left In: 2203.271+/-1.224 χ^2/NDF : 31506.4/1

2749.609+/-0.681 χ^2/NDF : 2281078.5/20

3159.326+/-0.803 χ^2/NDF : 2093915.5/21

dit_asym_sam3_mean vs Slug



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 158.736+/-86.714 χ^2/NDF : 2.6/3

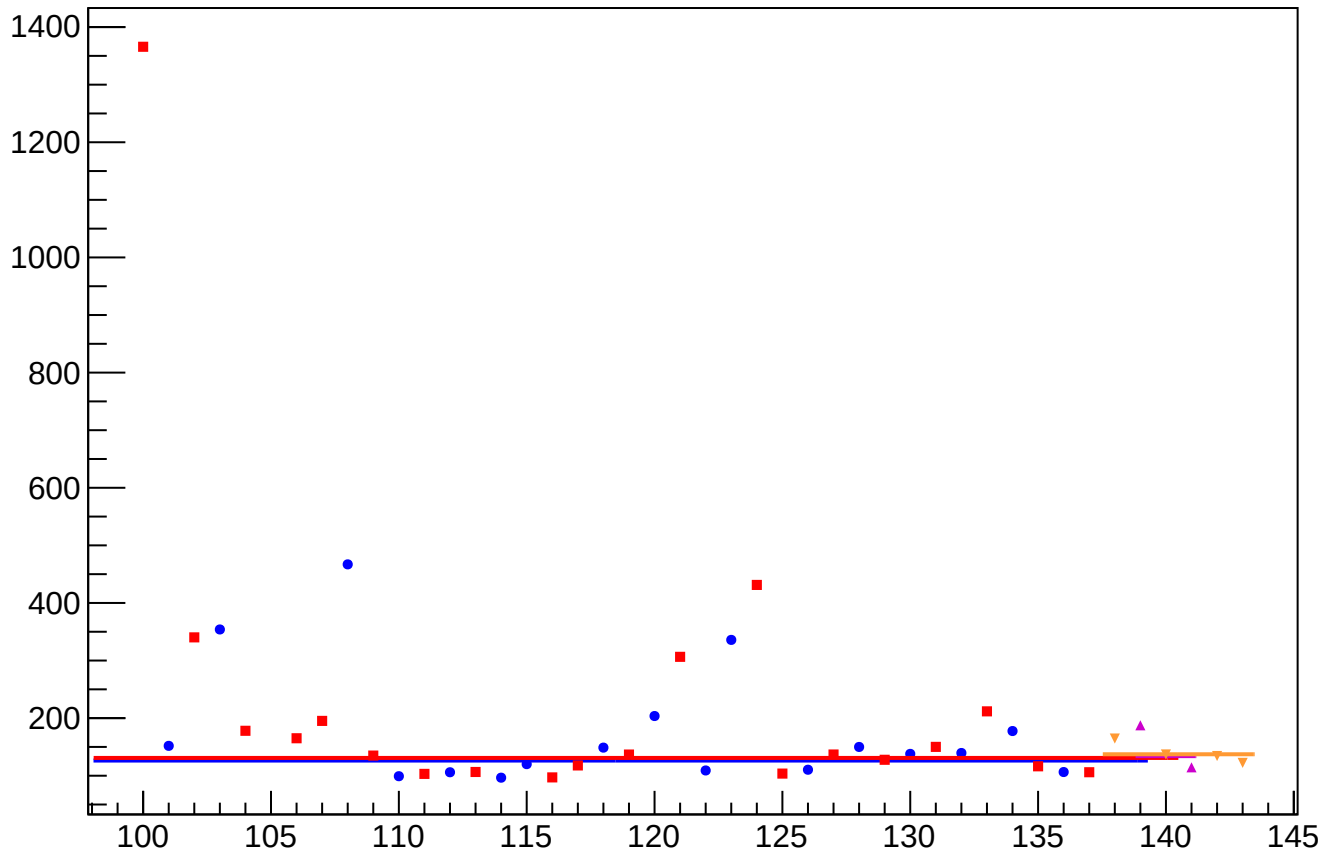
Right Out: -55.188+/-52.933 χ^2/NDF : 17.0/19

Left In: 156.911+/-109.058 χ^2/NDF : 0.0/1

102.133+/-44.537 χ^2/NDF : 14.7/20

-14.749+/-47.621 χ^2/NDF : 20.1/21

dit_asym_sam3_rms vs Slug



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 137.254 $\pm$ 0.061 χ^2 /NDF: 59169.5/3

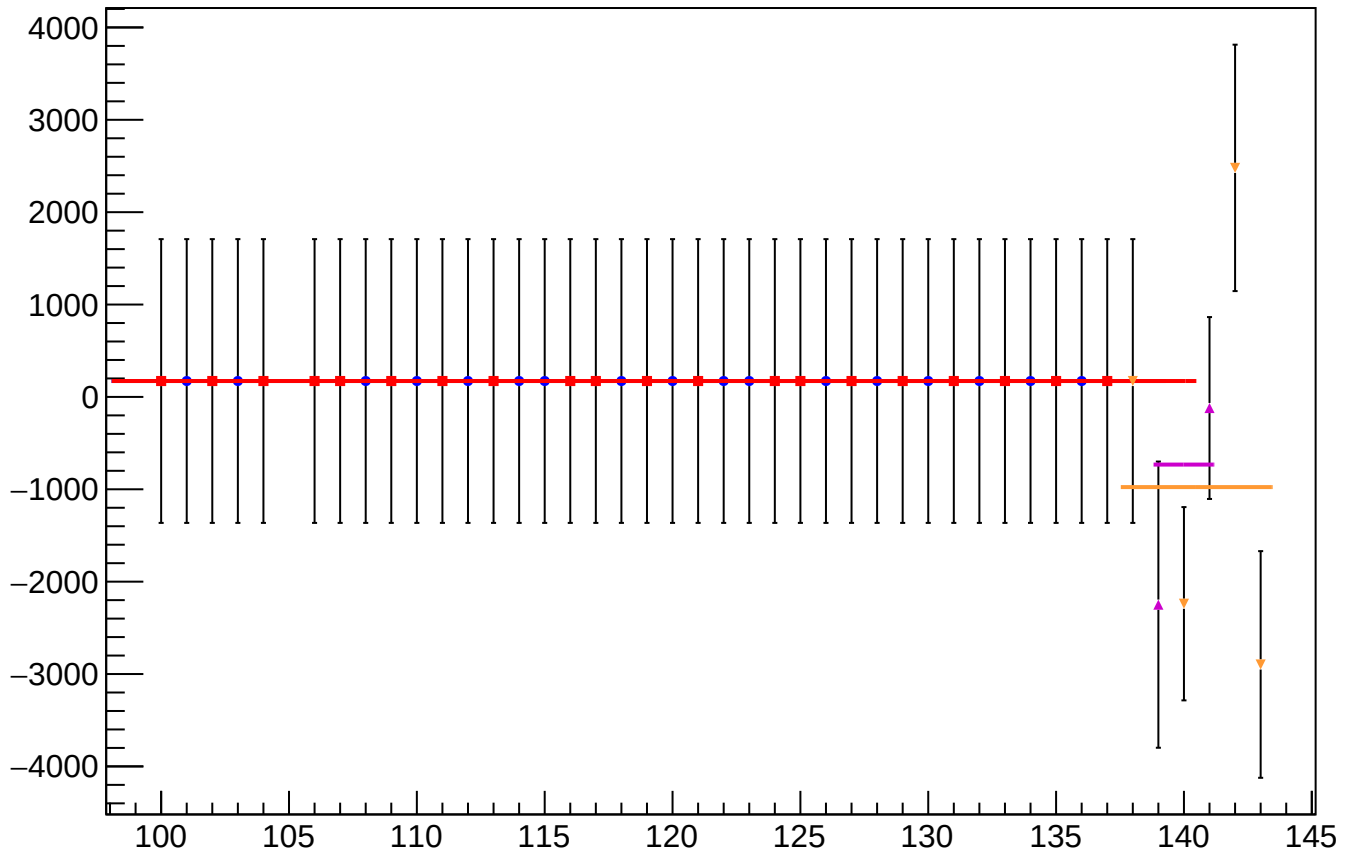
Right Out: 130.893 $\pm$ 0.037 χ^2 /NDF: 1430327.9/19

Left In: 134.009 $\pm$ 0.077 χ^2 /NDF: 174939.1/1

129.218 $\pm$ 0.031 χ^2 /NDF: 1393080.7/20

131.487 $\pm$ 0.034 χ^2 /NDF: 1606588.9/21

asym_sam3_correction_mean vs Slug



Right In: 172.139+/-372.553 χ^2/NDF : 0.0/16

Left Out: -976.286+/-624.539 χ^2/NDF : 11.2/3

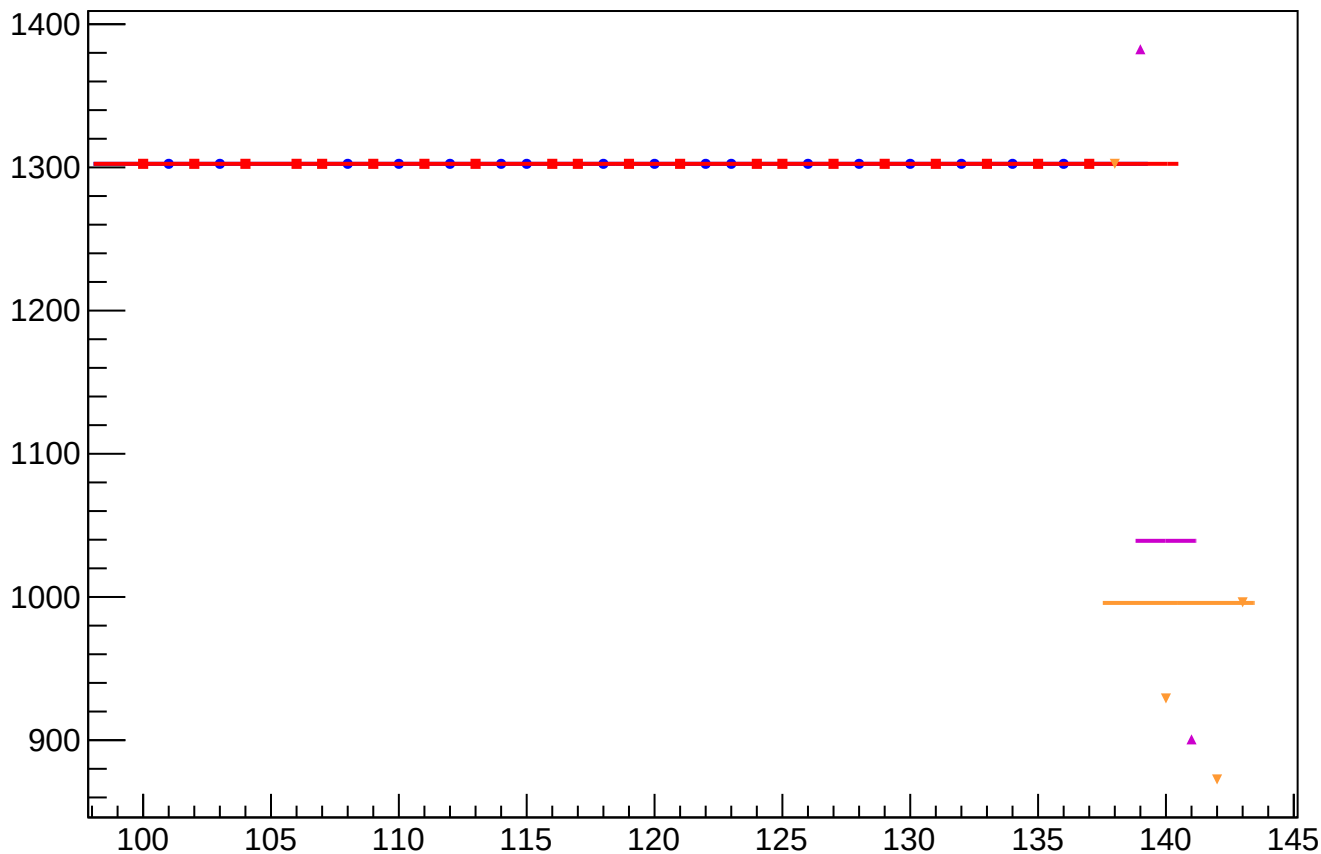
Right Out: 172.139+/-343.477 χ^2/NDF : 0.0/19

Left In: -732.557+/-830.916 χ^2/NDF : 1.3/1

-129.266+/-319.951 χ^2/NDF : 13.7/20

40.109+/-317.426 χ^2/NDF : 2.4/21

asym_sam3_correction_rms vs Slug



Right In: 1302.497+/-0.263 χ^2/NDF : 0.0/16

Left Out: 995.851+/-0.442 χ^2/NDF :104919.6/3

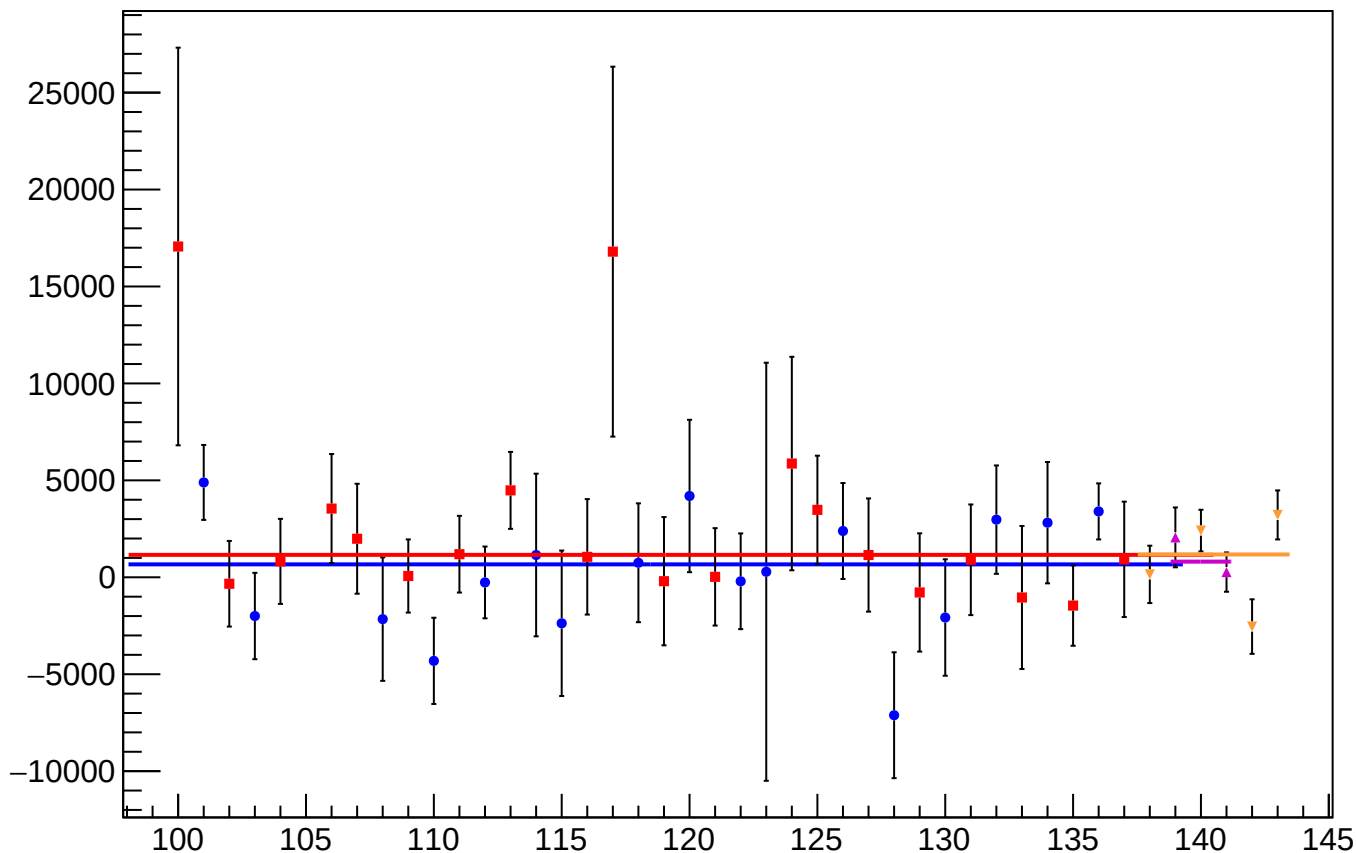
Right Out: 1302.497+/-0.243 χ^2/NDF : 0.0/19

Left In: 1039.219+/-0.588 χ^2/NDF :137875.8/1

1222.017+/-0.226 χ^2/NDF : 460531.4/20

1264.075+/-0.224 χ^2/NDF : 309363.2/21

asym_sam3_mean vs Slug



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1176.851+/-637.853 χ^2/NDF : 11.4/3

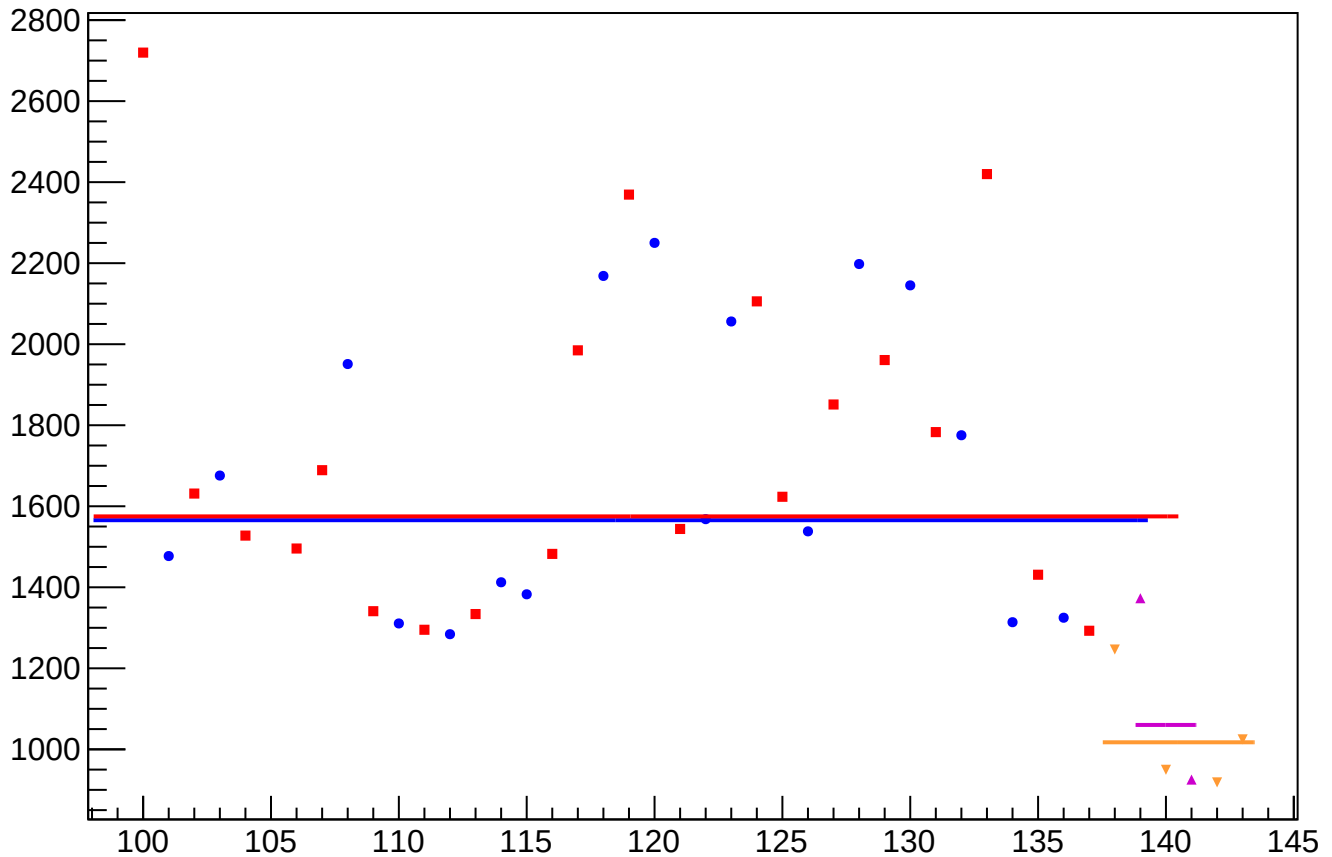
Right Out: 1156.676+/-601.441 χ^2/NDF : 13.7/19

Left In: 807.834+/-847.416 χ^2/NDF : 0.9/1

913.931+/-444.155 χ^2/NDF : 37.4/20

1039.820+/-490.466 χ^2/NDF : 14.7/21

asym_sam3_rms vs Slug



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 1017.406+/-0.451 χ^2/NDF : 65874.4/3

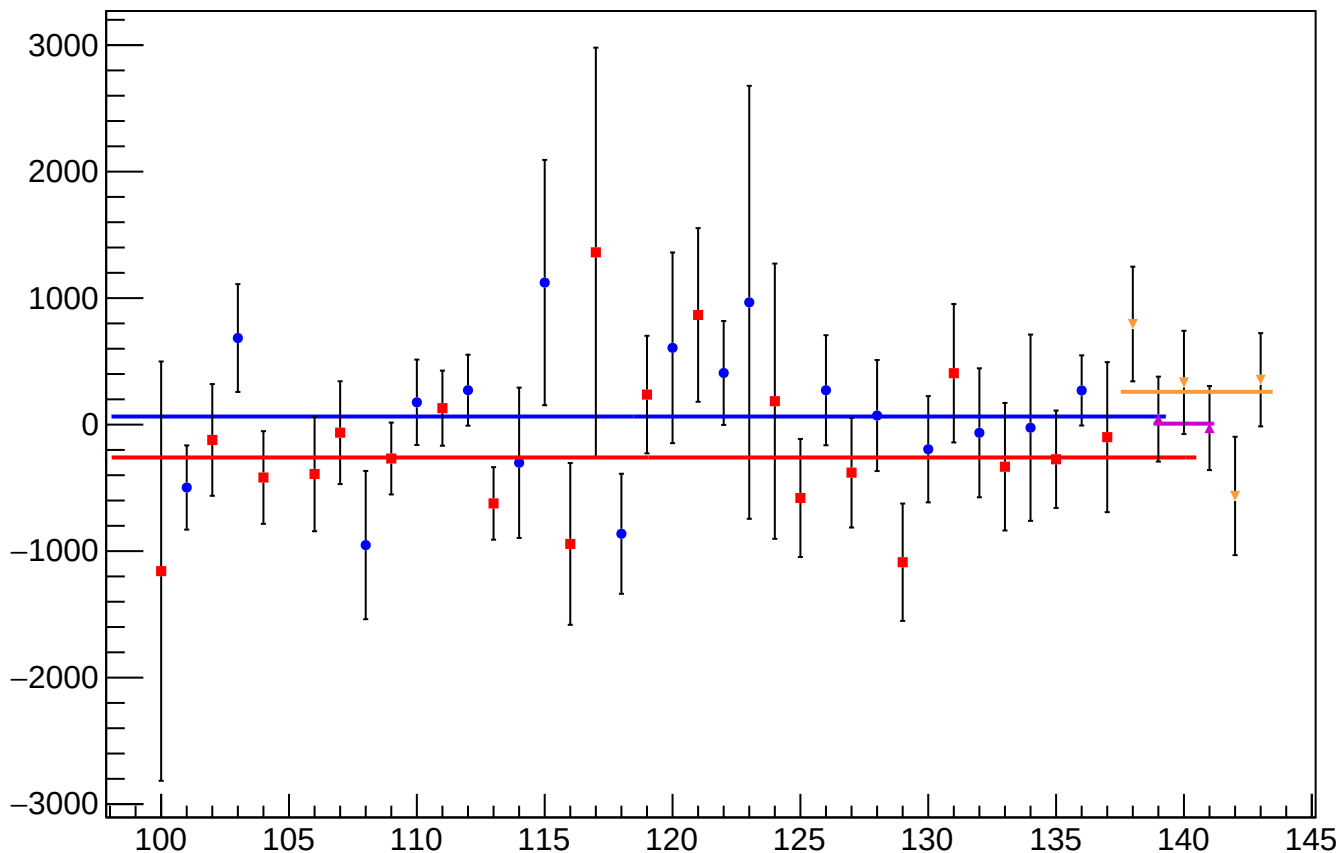
Right Out: 1575.001+/-0.425 χ^2/NDF : 465745.9/19

Left In: 1060.241+/-0.599 χ^2/NDF : 117484.0/1

1299.807+/-0.314 χ^2/NDF : 1317704.6/20

1402.564+/-0.347 χ^2/NDF : 1073999.8/21

dit_asym_sam4_mean vs Slug



Right In: 64.087 ± 105.336 χ^2/NDF : 16.8/16

Left Out: 259.265 ± 209.396 χ^2/NDF : 4.6/3

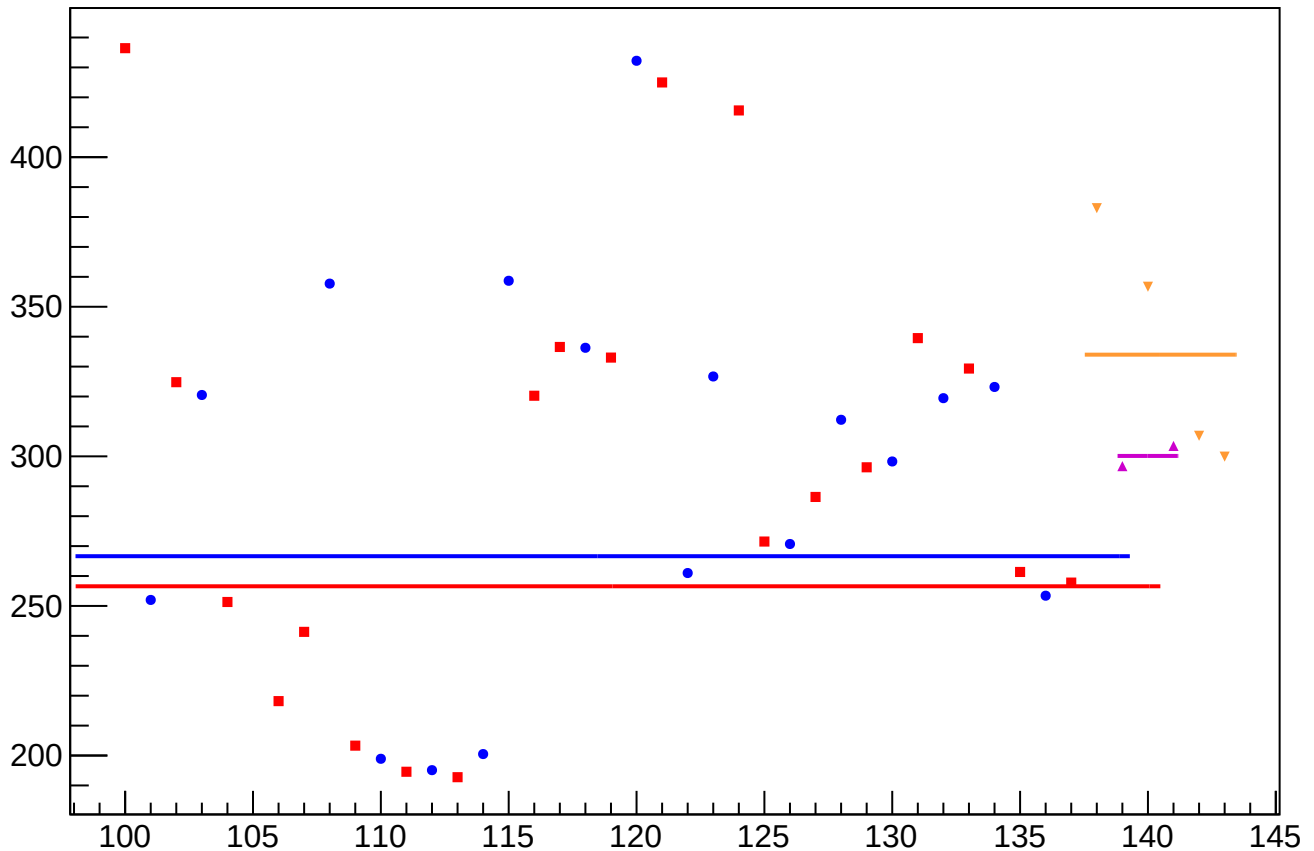
Right Out: -259.542 ± 99.192 χ^2/NDF : 15.7/19

Left In: 7.757 ± 236.075 χ^2/NDF : 0.0/1

103.504 ± 94.101 χ^2/NDF : 22.0/20

-219.433 ± 91.448 χ^2/NDF : 16.8/21

dit_asym_sam4_rms vs Slug



Right In: 266.624 $\pm$ 0.074 χ^2 /NDF: 550752.5/16

Left Out: 333.989 $\pm$ 0.148 χ^2 /NDF: 53361.3/3

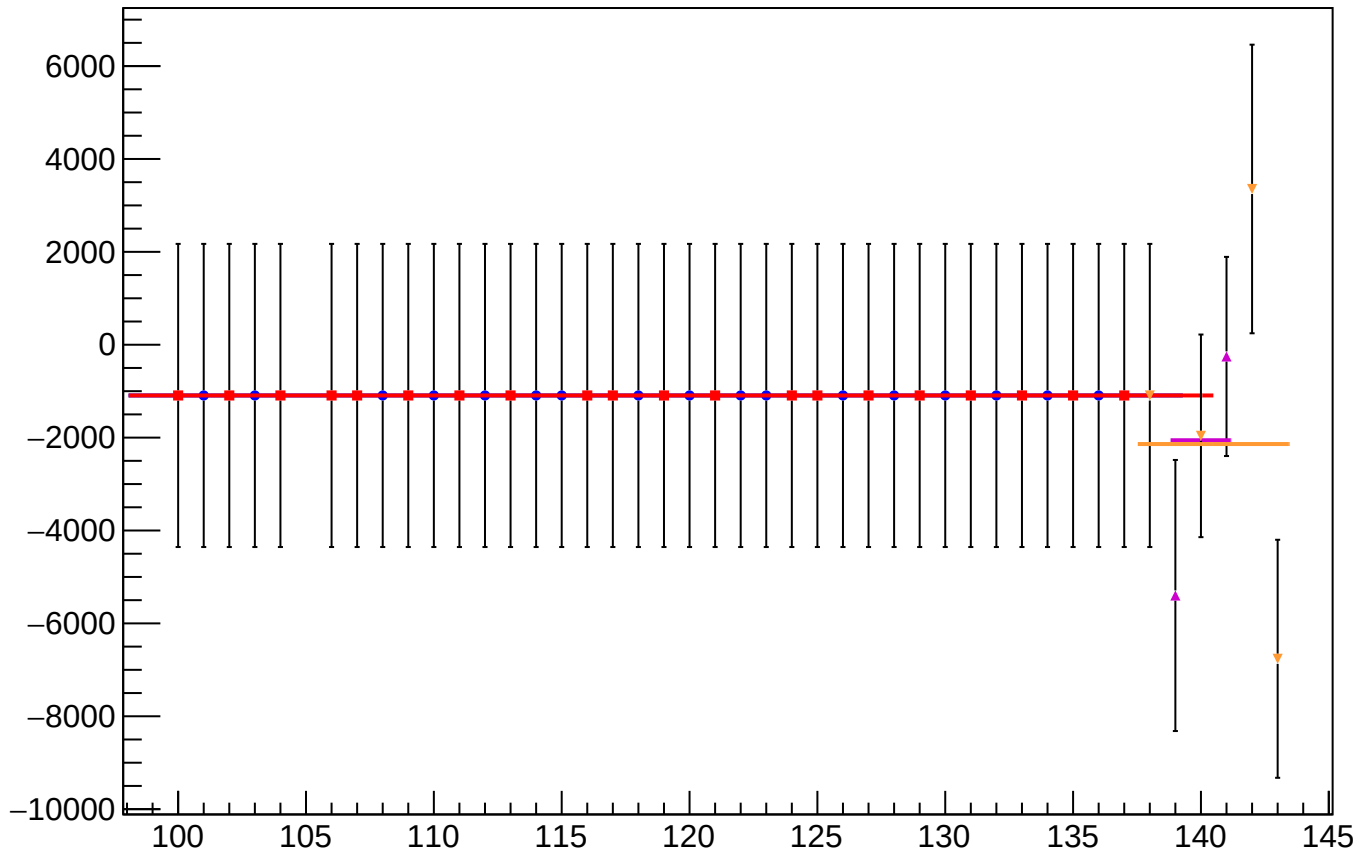
Right Out: 256.570 $\pm$ 0.070 χ^2 /NDF: 701804.1/19

Left In: 300.138 $\pm$ 0.167 χ^2 /NDF: 410.2/1

280.229 $\pm$ 0.067 χ^2 /NDF: 769302.9/20

263.108 $\pm$ 0.065 χ^2 /NDF: 760111.8/21

asym_sam4_correction_mean vs Slug



Right In: -1092.185+/-791.569 χ^2/NDF : 0.0/16

Left Out: -2138.219+/-1336.478 χ^2/NDF : 6.5/3

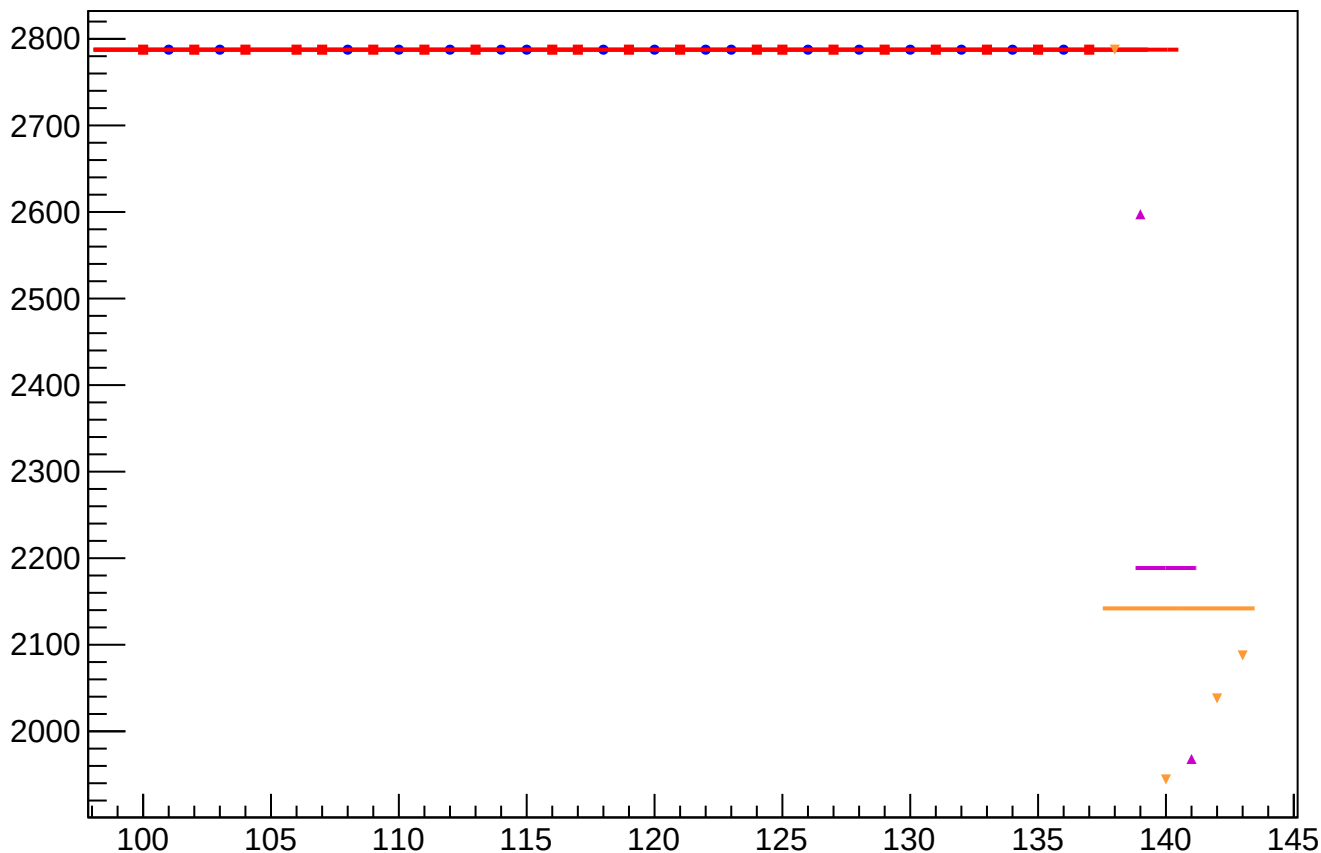
Right Out: -1092.185+/-729.791 χ^2/NDF : 0.0/19

Left In: -2056.588+/-1727.887 χ^2/NDF : 2.0/1

-1363.835+/-681.074 χ^2/NDF : 6.9/20

-1238.179+/-672.286 χ^2/NDF : 2.3/21

asym_sam4_correction_rms vs Slug



Right In: 2787.542+/-0.560 χ^2/NDF : 0.0/16

Left Out: 2142.032+/-0.945 χ^2/NDF : 97802.9/3

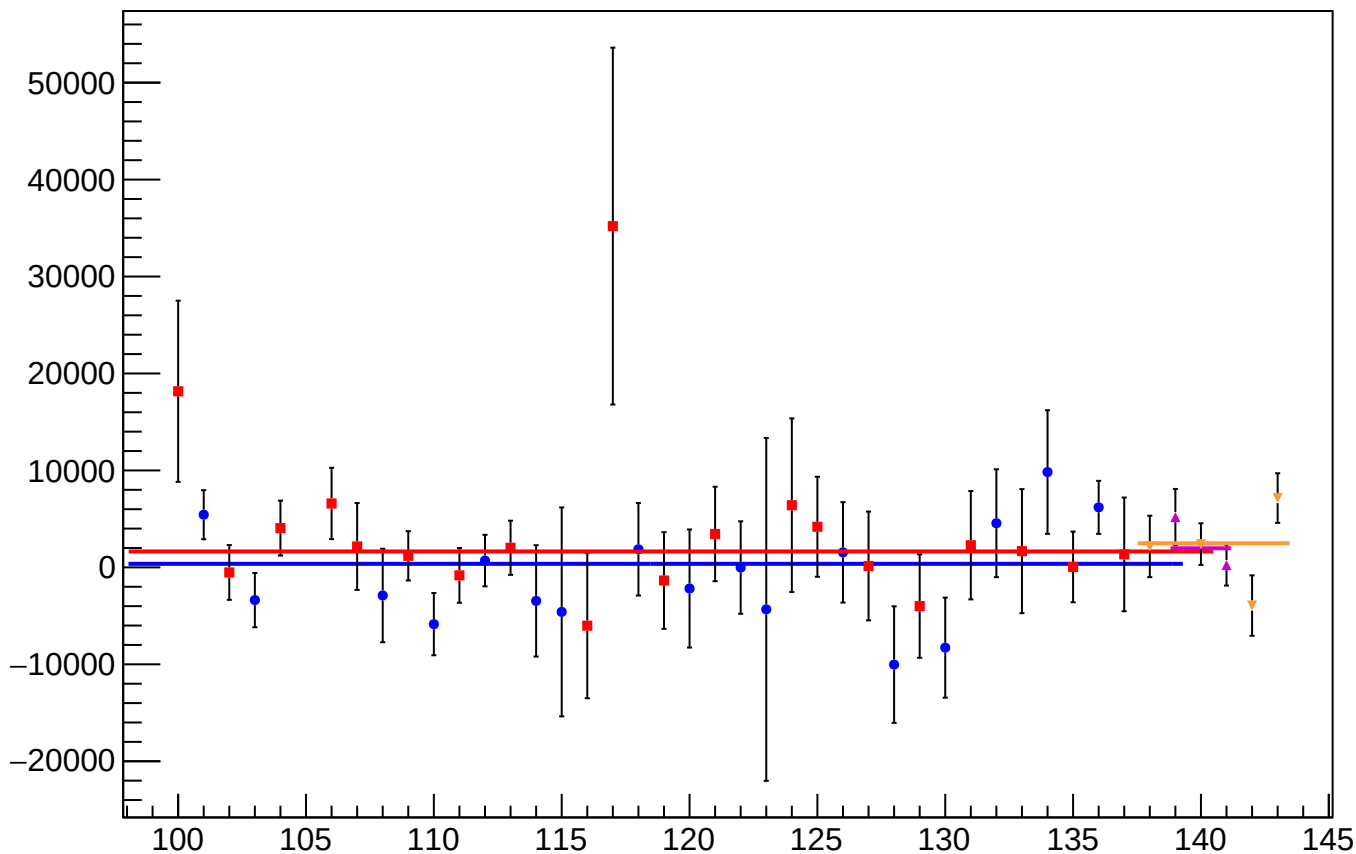
Right Out: 2787.542+/-0.516 χ^2/NDF : 0.0/19

Left In: 2188.656+/-1.222 χ^2/NDF : 60410.3/1

2619.906+/-0.482 χ^2/NDF : 443202.9/20

2696.881+/-0.475 χ^2/NDF : 264301.7/21

asym_sam4_mean vs Slug



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 2487.155+/-1321.769 χ^2/NDF : 7.6/3

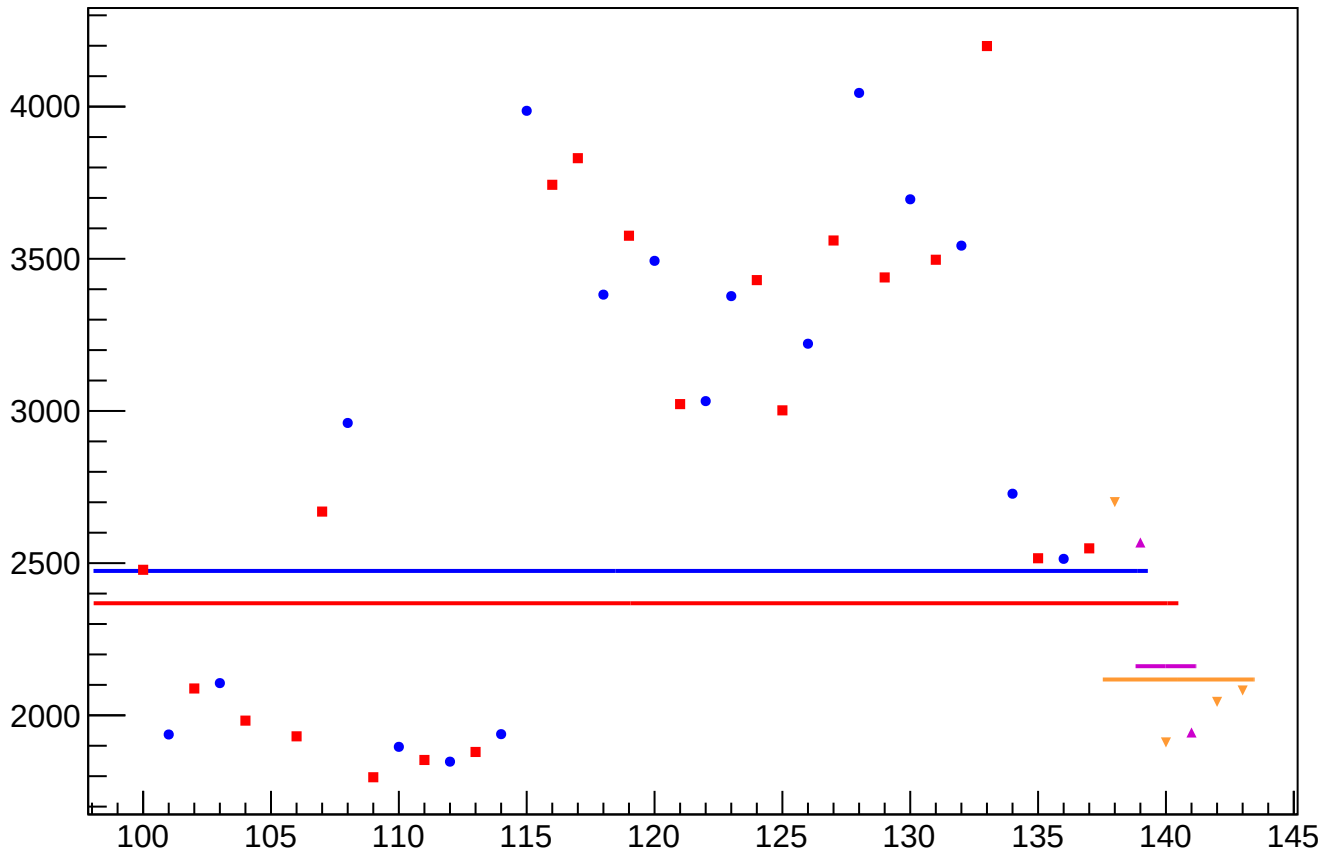
Right Out: 1641.960+/-922.841 χ^2/NDF : 13.9/19

Left In: 1967.795+/-1709.948 χ^2/NDF : 1.9/1

1131.043+/-793.652 χ^2/NDF : 33.4/20

1715.457+/-812.118 χ^2/NDF : 15.8/21

asym_sam4_rms vs Slug



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2117.667+/-0.935 χ^2/NDF : 87654.8/3

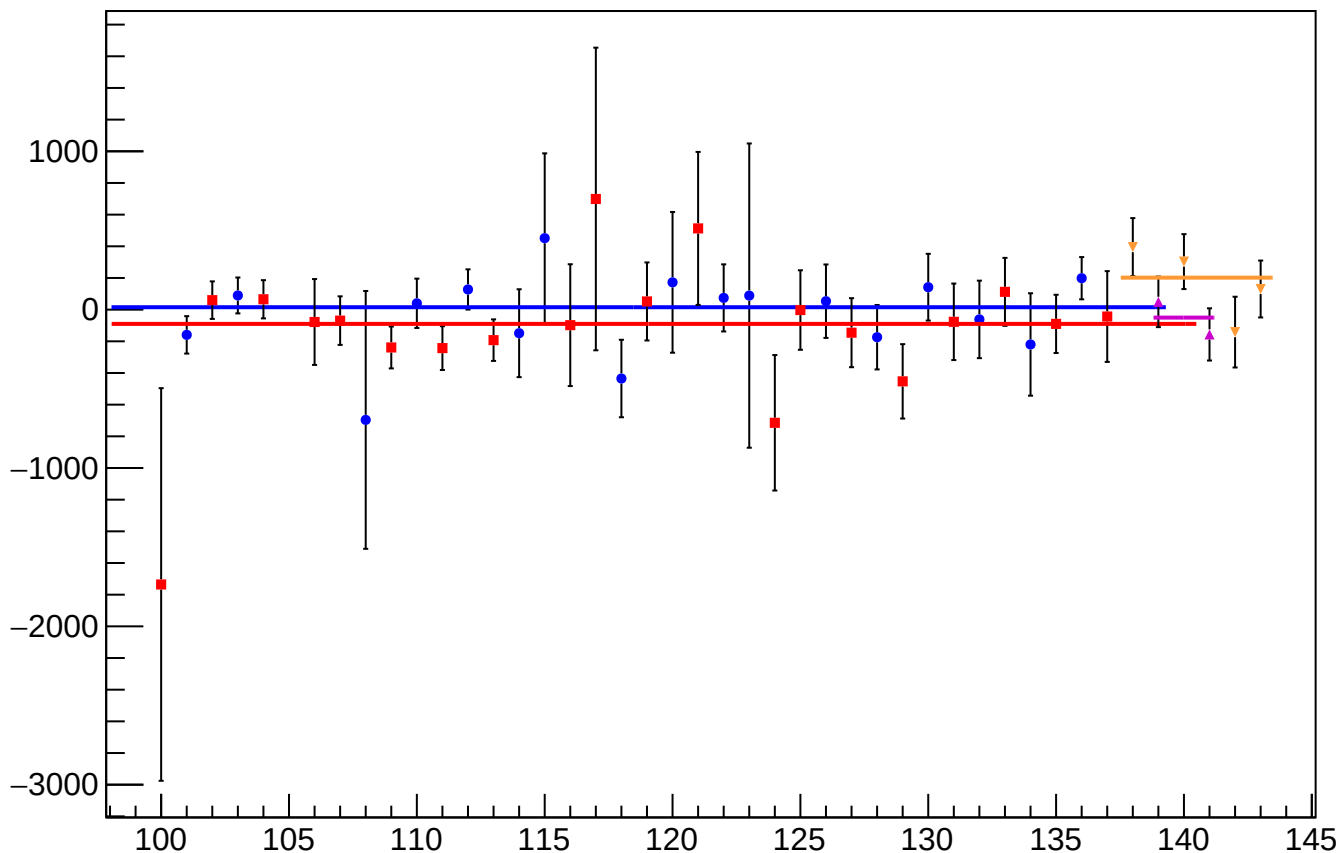
2345.778+/-0.561 χ^2/NDF : 1087069.3/20

Right Out: 2368.193+/-0.653 χ^2/NDF : 1036059.3/19

2321.539+/-0.574 χ^2/NDF : 1119276.1/21

Left In: 2161.364+/-1.209 χ^2/NDF : 60556.3/1

dit_asym_sam5_mean vs Slug



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 201.976+/-93.633 χ^2/NDF : 4.0/3

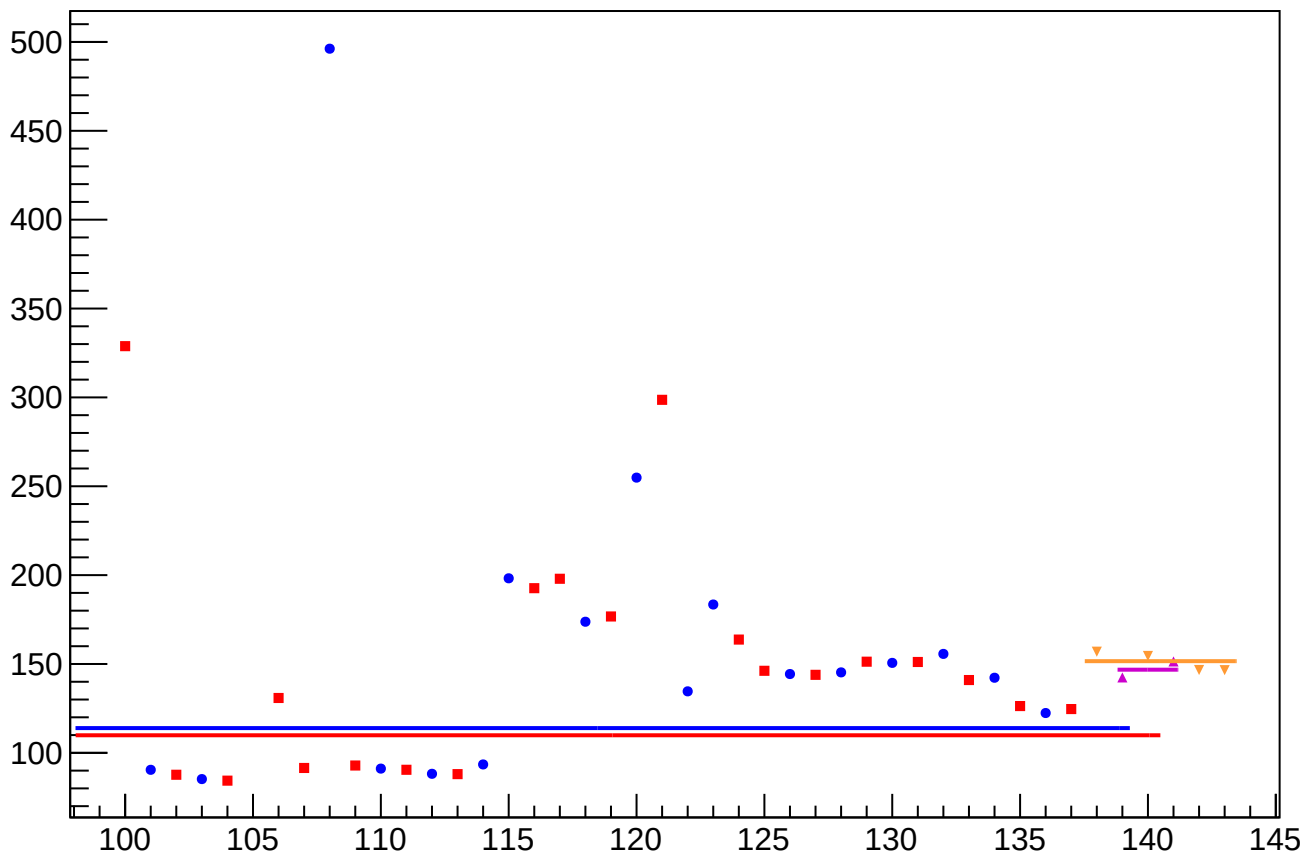
Right Out: -90.013+/-43.274 χ^2/NDF : 16.3/19

Left In: -50.330+/-114.688 χ^2/NDF : 0.8/1

52.162+/-41.606 χ^2/NDF : 19.7/20

-85.067+/-40.488 χ^2/NDF : 17.3/21

dit_asym_sam5_rms vs Slug



Right In: 113.932+/-0.033 χ^2/NDF : 1407849.3/16

Left Out: 151.588+/-0.066 χ^2/NDF : 4839.4/3

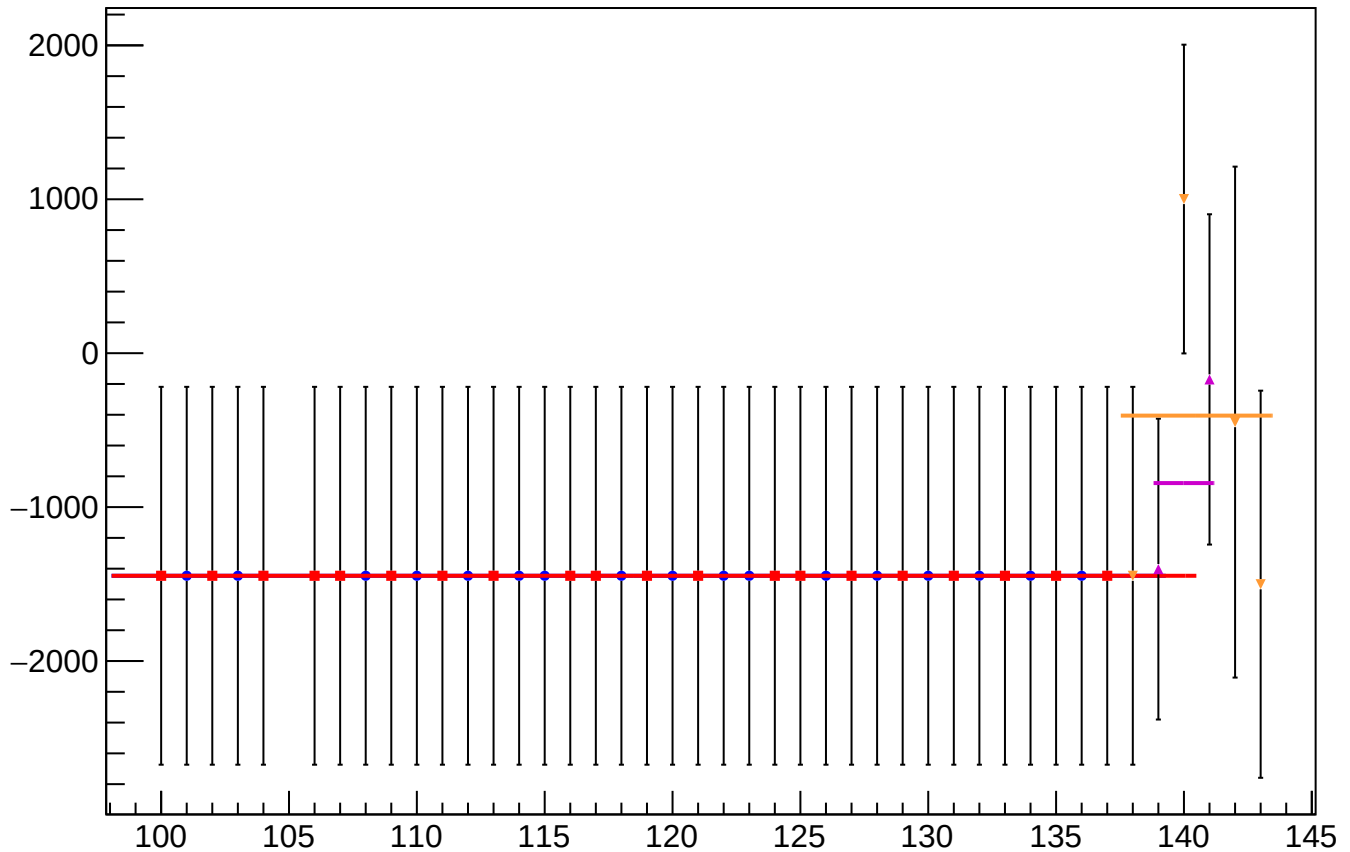
Right Out: 109.890+/-0.031 χ^2/NDF : 1259035.3/19

Left In: 146.792+/-0.081 χ^2/NDF : 3066.6/1

121.367+/-0.029 χ^2/NDF : 1672293.6/20

114.489+/-0.029 χ^2/NDF : 1443355.8/21

asym_sam5_correction_mean vs Slug



Right In: -1446.171 $\pm$ 297.710 χ^2 /NDF: 0.0/16

Left Out: -405.542 $\pm$ 613.948 χ^2 /NDF: 3.4/3

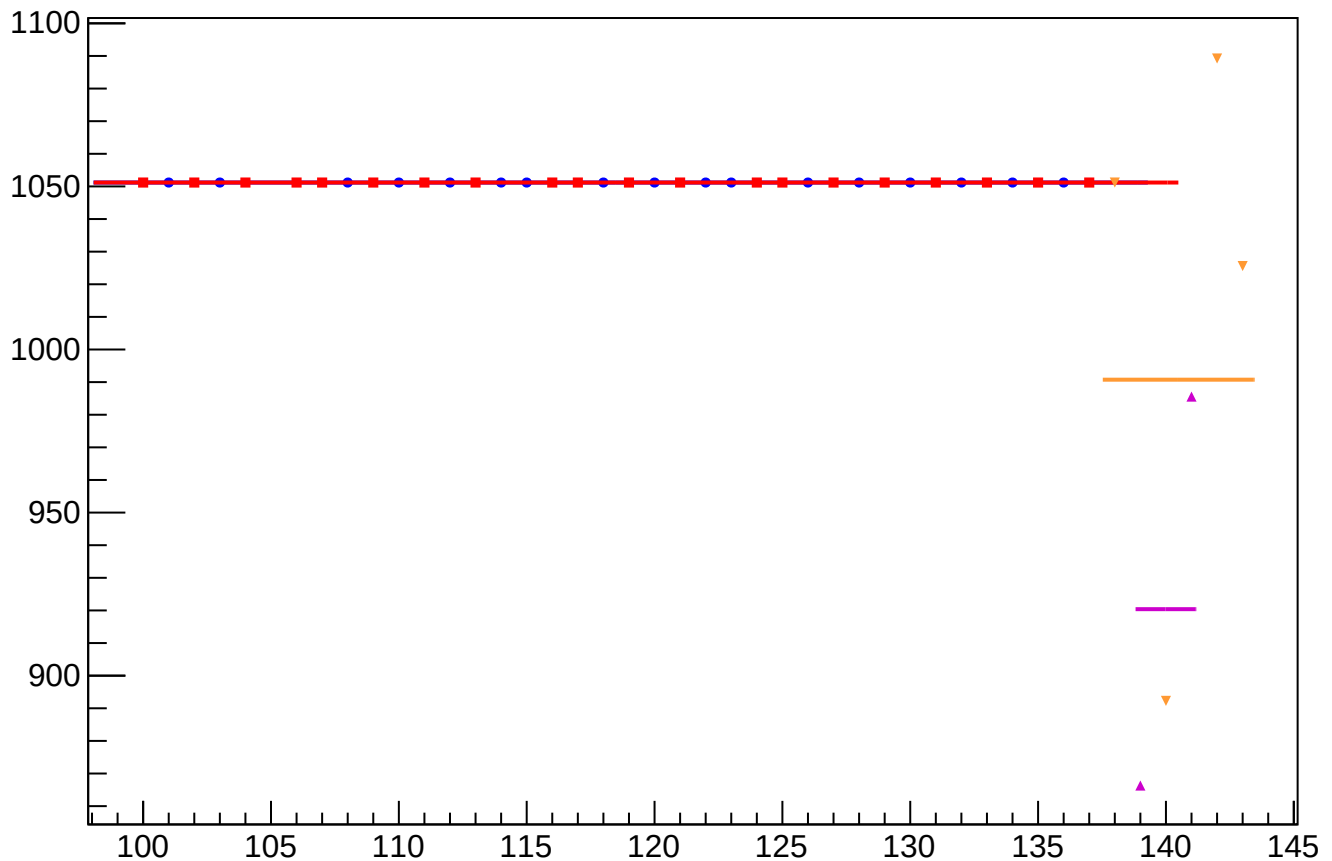
Right Out: -1446.171 $\pm$ 274.475 χ^2 /NDF: 0.0/19

Left In: -843.917 $\pm$ 722.565 χ^2 /NDF: 0.7/1

-1248.062 $\pm$ 267.877 χ^2 /NDF: 5.8/20

-1370.227 $\pm$ 256.587 χ^2 /NDF: 1.3/21

asym_sam5_correction_rms vs Slug



Right In: 1051.191 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 990.746 $\pm$ 0.434 χ^2 /NDF: 32703.1/3

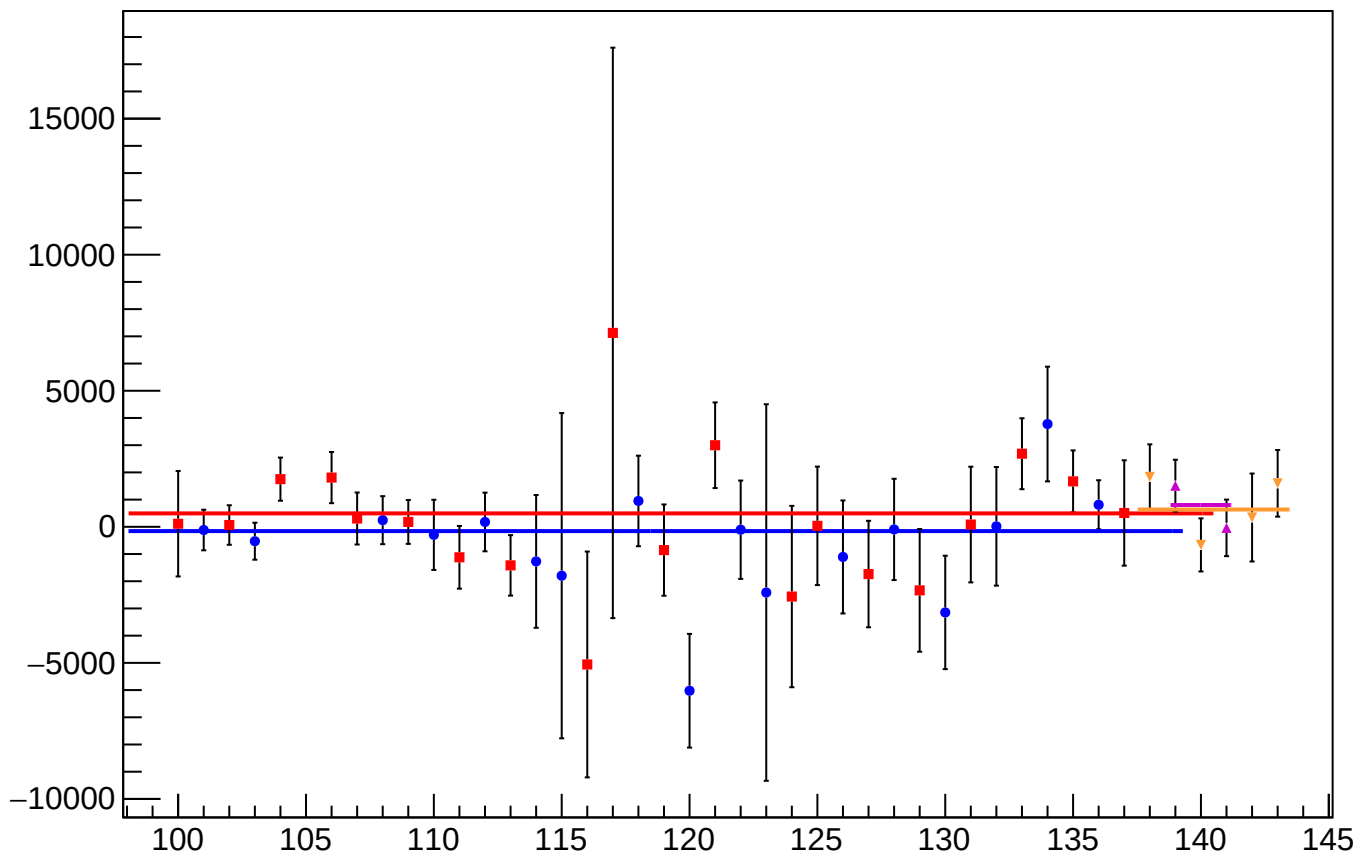
Right Out: 1051.191 $\pm$ 0.194 χ^2 /NDF: 0.0/19

Left In: 920.390 $\pm$ 0.511 χ^2 /NDF: 13500.6/1

1039.684 $\pm$ 0.189 χ^2 /NDF: 48398.3/20

1034.697 $\pm$ 0.181 χ^2 /NDF: 70774.6/21

asym_sam5_mean vs Slug



Right In: -157.178 ± 312.499 χ^2/NDF : 16.2/16

Left Out: 635.716 ± 597.738 χ^2/NDF : 3.4/3

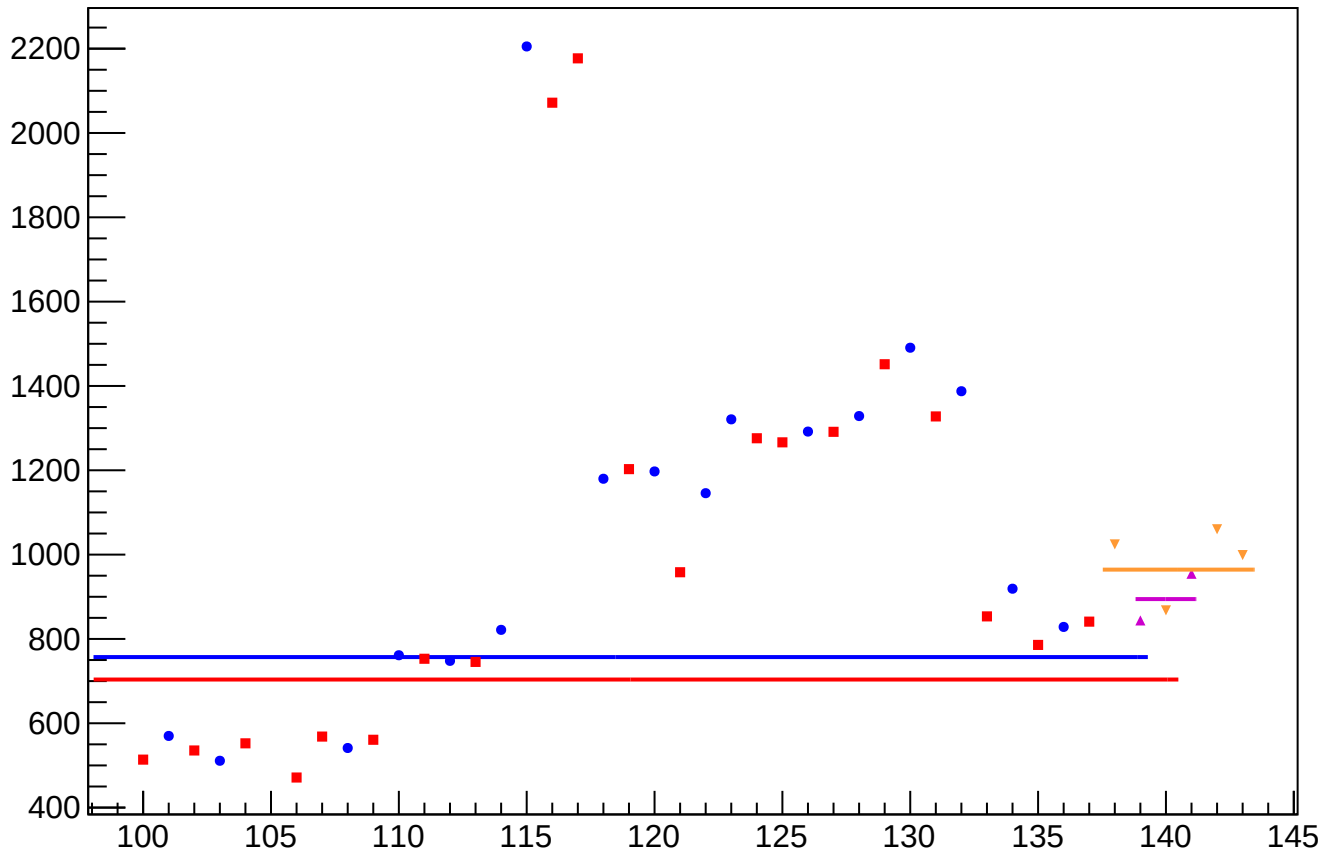
Right Out: 493.409 ± 282.656 χ^2/NDF : 23.0/19

Left In: 801.757 ± 702.954 χ^2/NDF : 1.2/1

13.019 ± 276.936 χ^2/NDF : 21.1/20

536.324 ± 262.249 χ^2/NDF : 24.4/21

asym_sam5_rms vs Slug



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 964.392+/-0.423 χ^2/NDF :33218.1/3

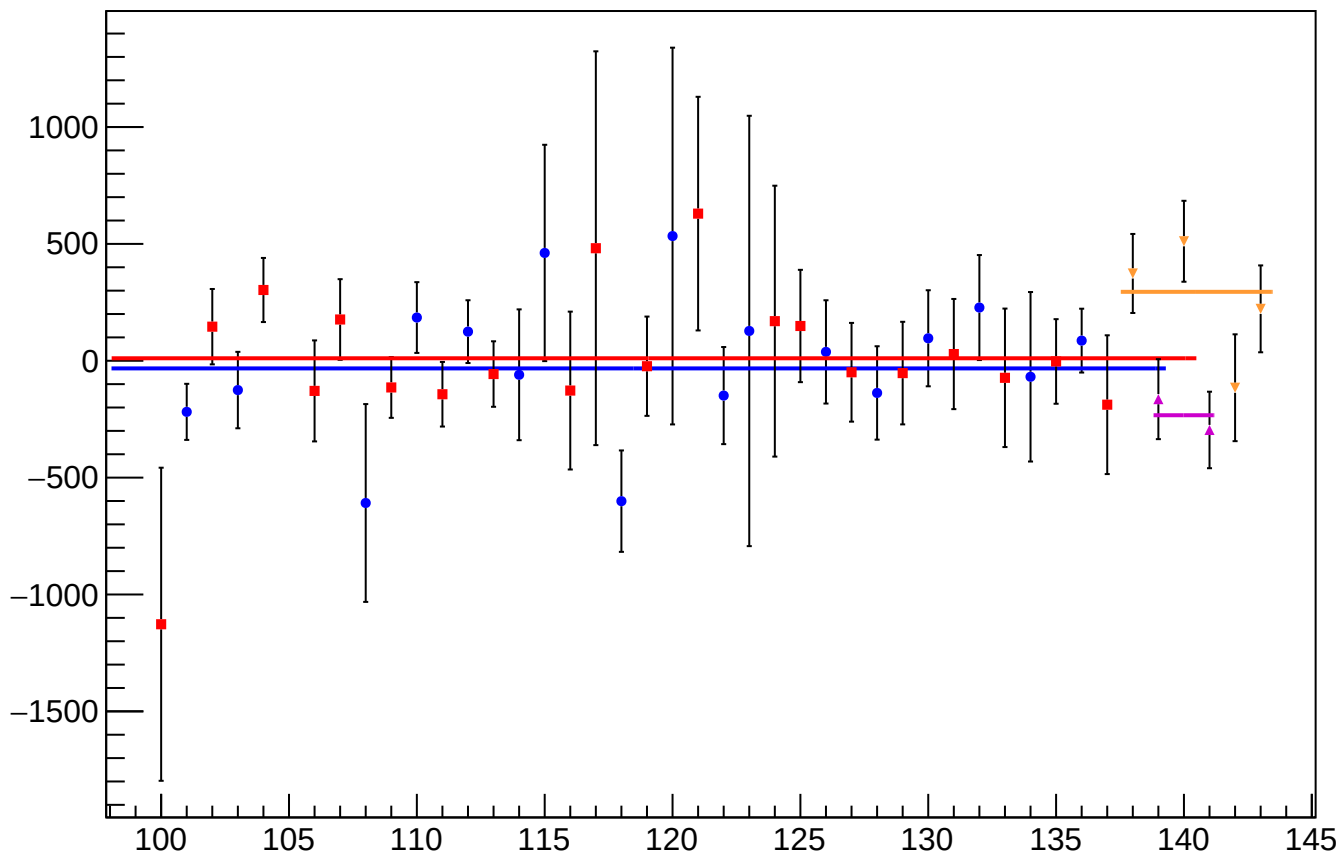
Right Out: 703.728+/-0.200 χ^2/NDF : 1729114.9/19

Left In: 894.528+/-0.497 χ^2/NDF :12309.8/1

801.506+/-0.196 χ^2/NDF : 1933614.9/20

730.283+/-0.185 χ^2/NDF : 1868261.8/21

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 294.948 ± 92.674 $\chi^2/\text{NDF}: 5.2/3$

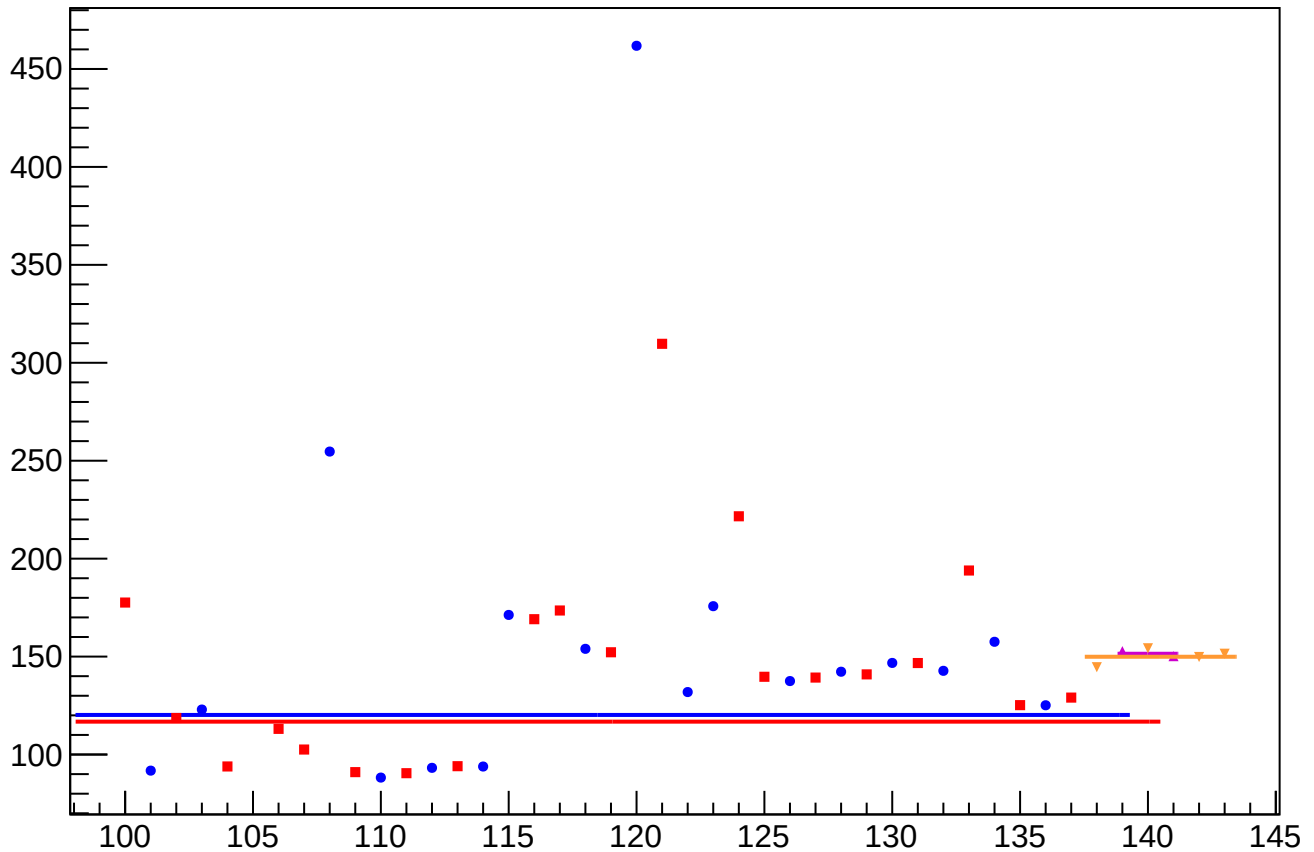
Right Out: 10.656 ± 45.533 $\chi^2/\text{NDF}: 15.0/19$

Left In: -233.057 ± 118.299 $\chi^2/\text{NDF}: 0.3/1$

37.591 ± 42.923 $\chi^2/\text{NDF}: 34.7/20$

-20.790 ± 42.494 $\chi^2/\text{NDF}: 19.0/21$

dit_asym_sam6_rms vs Slug



Right In: 120.207+/-0.034 χ^2/NDF : 1062326.6/16

Left Out: 149.917+/-0.066 χ^2/NDF :3389.4/3

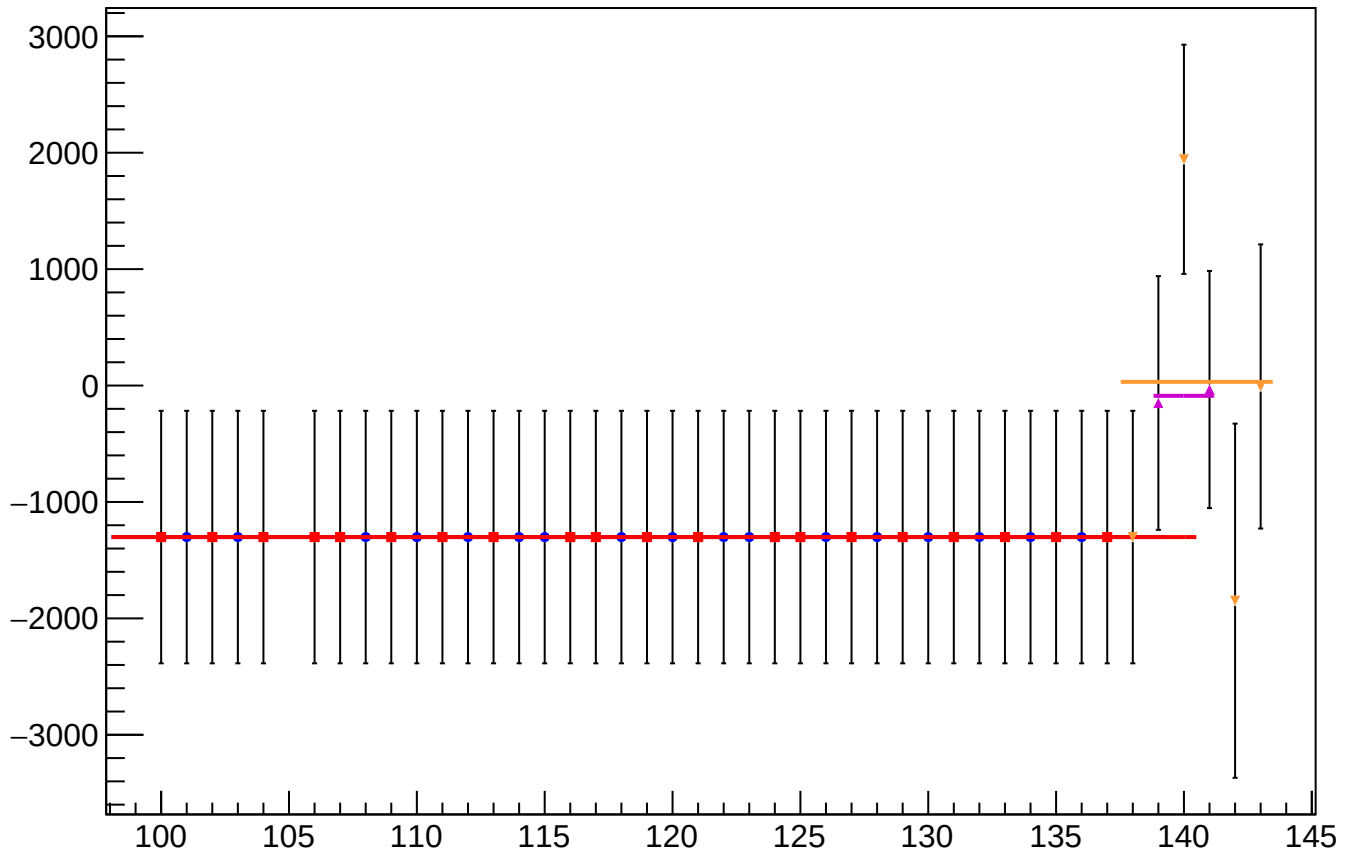
126.580+/-0.030 χ^2/NDF : 1227176.7/20

Right Out: 116.784+/-0.032 χ^2/NDF : 1007058.0/19

121.256+/-0.030 χ^2/NDF : 1156824.2/21

Left In: 151.445+/-0.084 χ^2/NDF :234.9/1

asym_sam6_correction_mean vs Slug



Right In: -1301.487 ± 263.046 χ^2/NDF : 0.0/16

Left Out: 31.552 ± 578.779 χ^2/NDF : 6.8/3

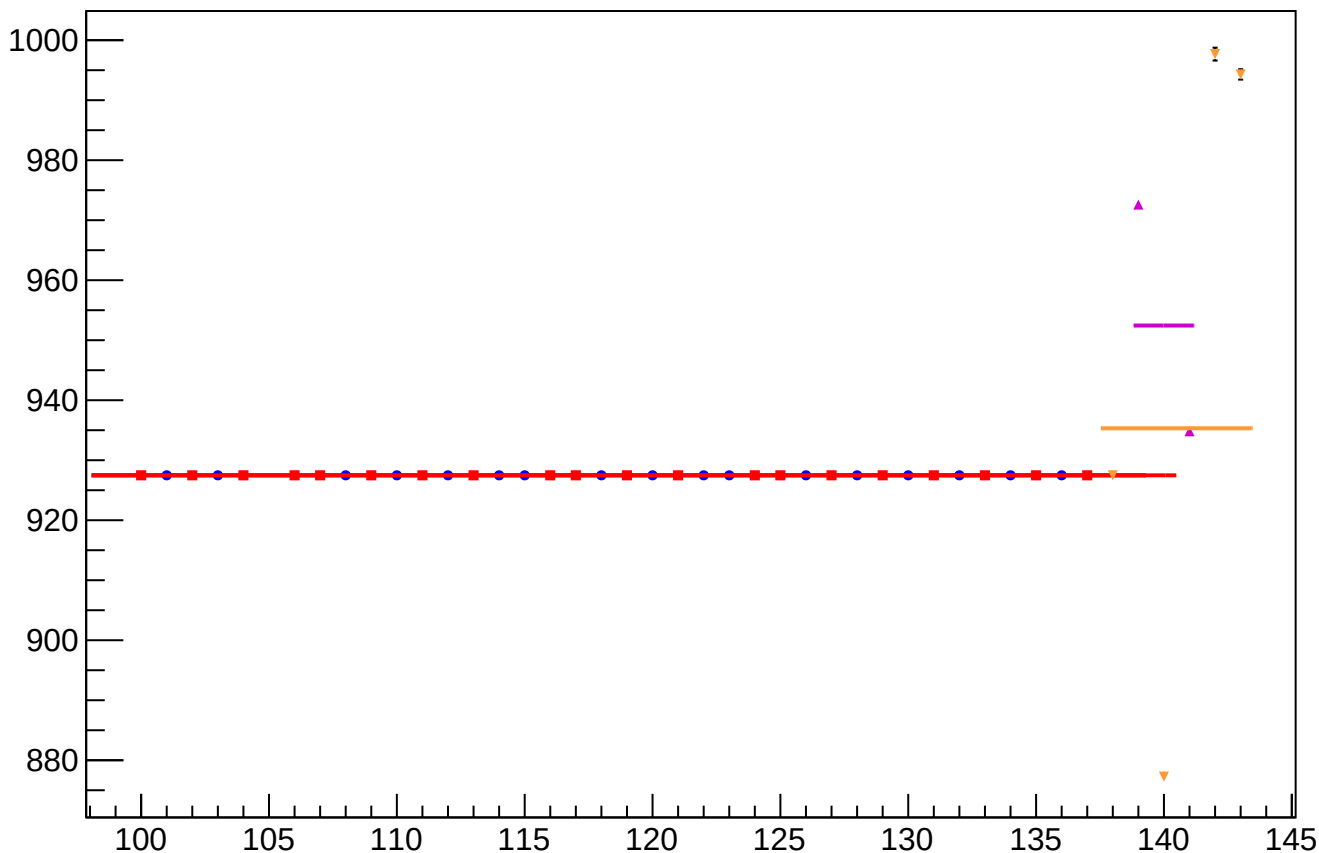
Right Out: -1301.487 ± 242.517 χ^2/NDF : 0.0/19

Left In: -88.087 ± 744.074 χ^2/NDF : 0.0/1

-1073.277 ± 239.474 χ^2/NDF : 11.2/20

-1184.965 ± 230.578 χ^2/NDF : 2.4/21

asym_sam6_correction_rms vs Slug



Right In: 927.485 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: 935.324 $\pm$ 0.409 χ^2 /NDF:15087.9/3

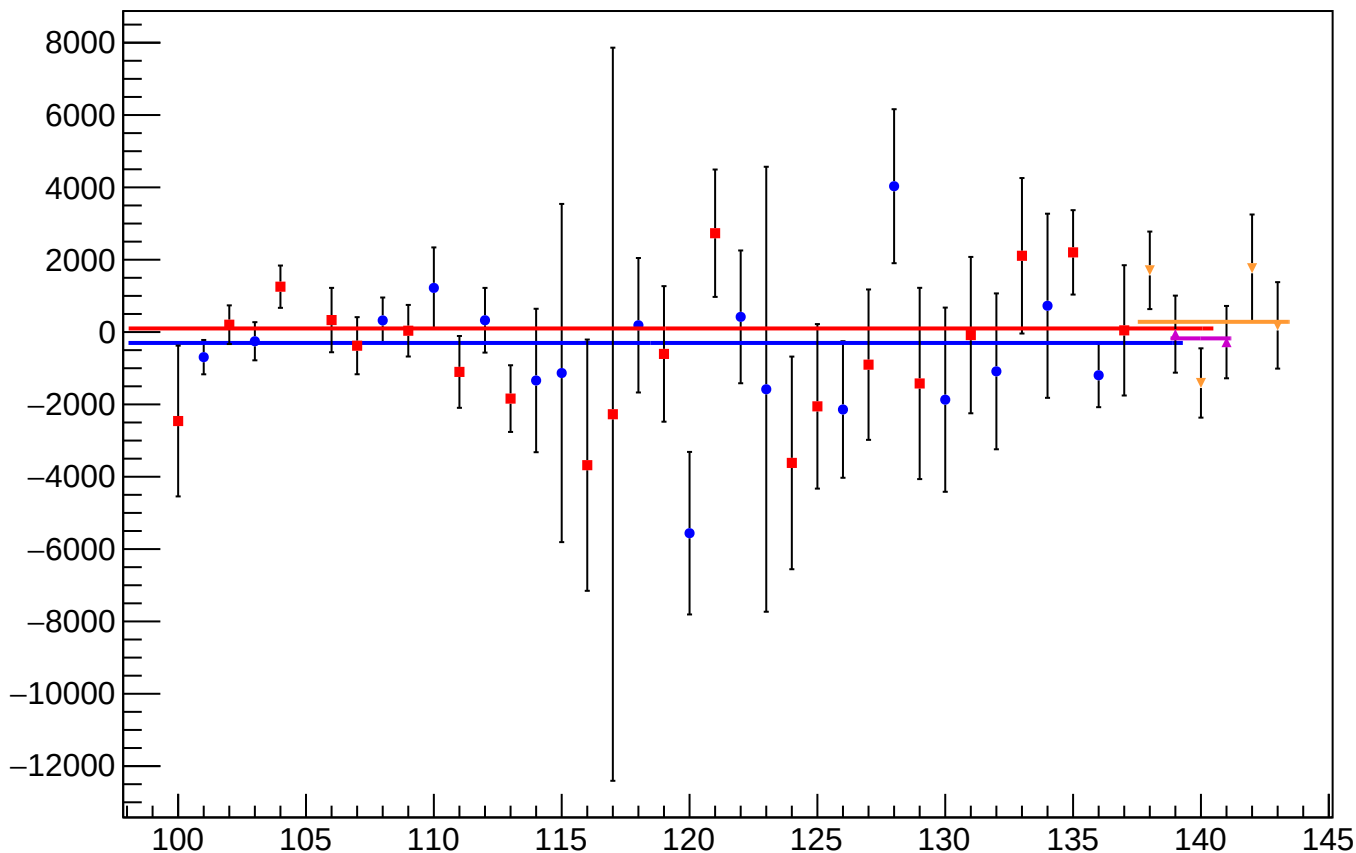
Right Out: 927.485 $\pm$ 0.171 χ^2 /NDF: 0.0/19

Left In: 952.446 $\pm$ 0.526 χ^2 /NDF:1283.3/1

928.827 $\pm$ 0.169 χ^2 /NDF: 15392.0/20

929.882 $\pm$ 0.163 χ^2 /NDF: 3317.9/21

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 282.883 ± 566.810 $\chi^2/\text{NDF}: 5.9/3$

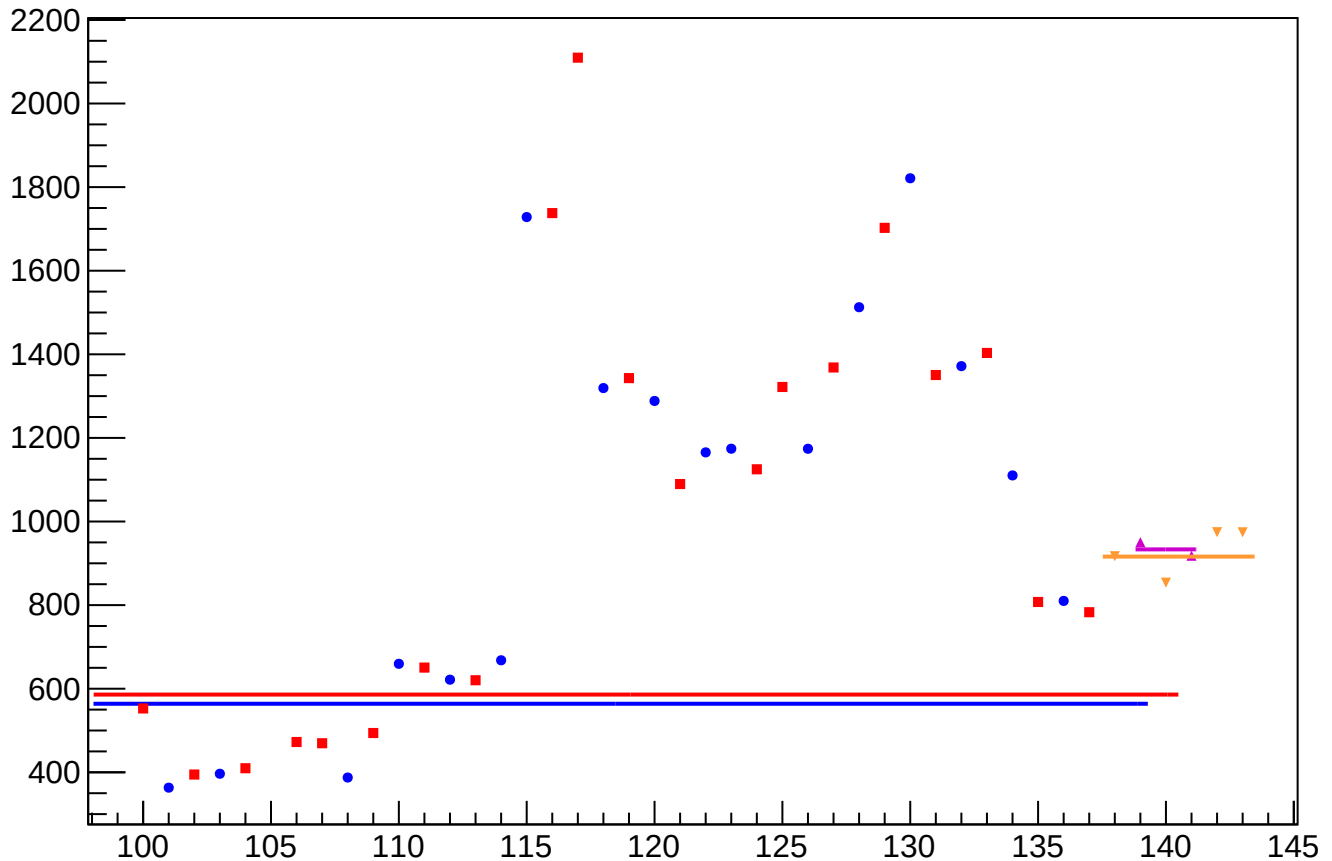
Right Out: 99.460 ± 245.908 $\chi^2/\text{NDF}: 22.6/19$

Left In: -174.817 ± 729.123 $\chi^2/\text{NDF}: 0.0/1$

-205.884 ± 228.771 $\chi^2/\text{NDF}: 23.6/20$

71.448 ± 233.013 $\chi^2/\text{NDF}: 22.7/21$

asym_sam6_rms vs Slug



Right In: 564.003+/-0.177 χ^2/NDF : 3261491.3/16

Left Out: 916.055+/-0.401 χ^2/NDF :16272.8/3

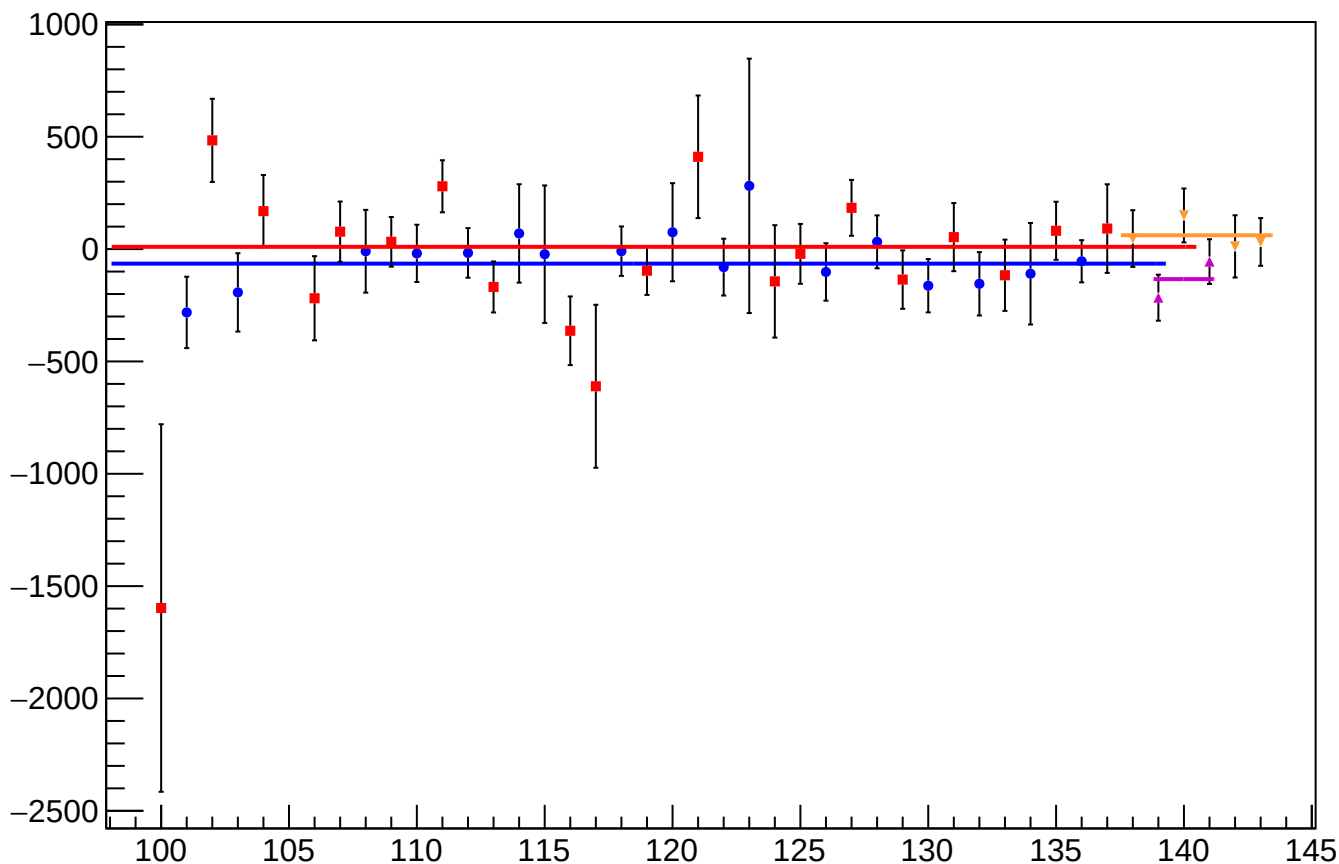
621.353+/-0.162 χ^2/NDF : 3923631.4/20

Right Out: 585.967+/-0.174 χ^2/NDF : 2866076.4/19

621.443+/-0.165 χ^2/NDF : 3274610.4/21

Left In: 933.320+/-0.516 χ^2/NDF :981.5/1

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 $\chi^2/\text{NDF}: 6.2/16$

Left Out: 61.550 ± 60.508 $\chi^2/\text{NDF}: 0.8/3$

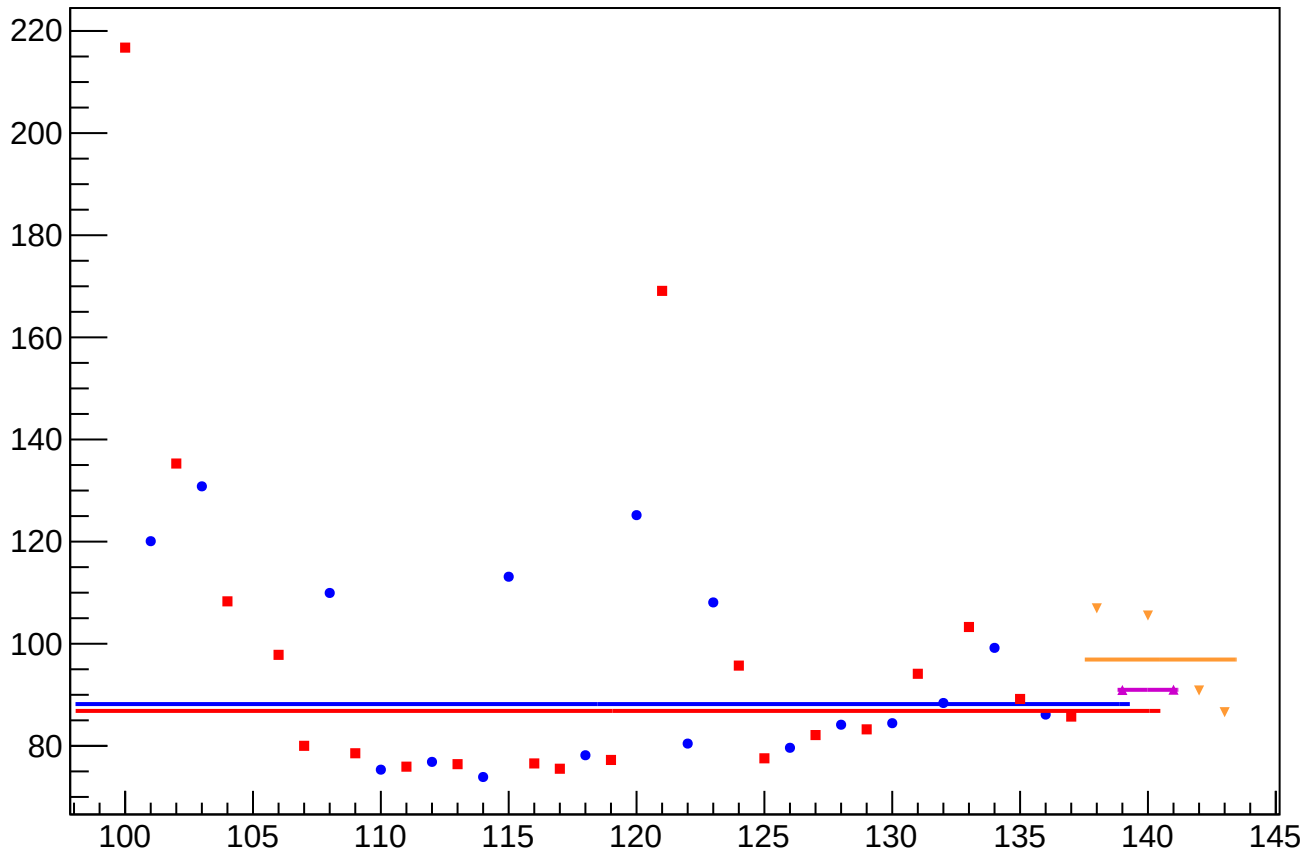
Right Out: 10.023 ± 33.281 $\chi^2/\text{NDF}: 37.9/19$

Left In: -133.567 ± 71.335 $\chi^2/\text{NDF}: 1.3/1$

-33.624 ± 30.055 $\chi^2/\text{NDF}: 10.2/20$

-15.643 ± 30.160 $\chi^2/\text{NDF}: 42.5/21$

dit_asym_sam7_rms vs Slug



Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Left Out: 96.907+/-0.043 χ^2/NDF : 45639.1/3

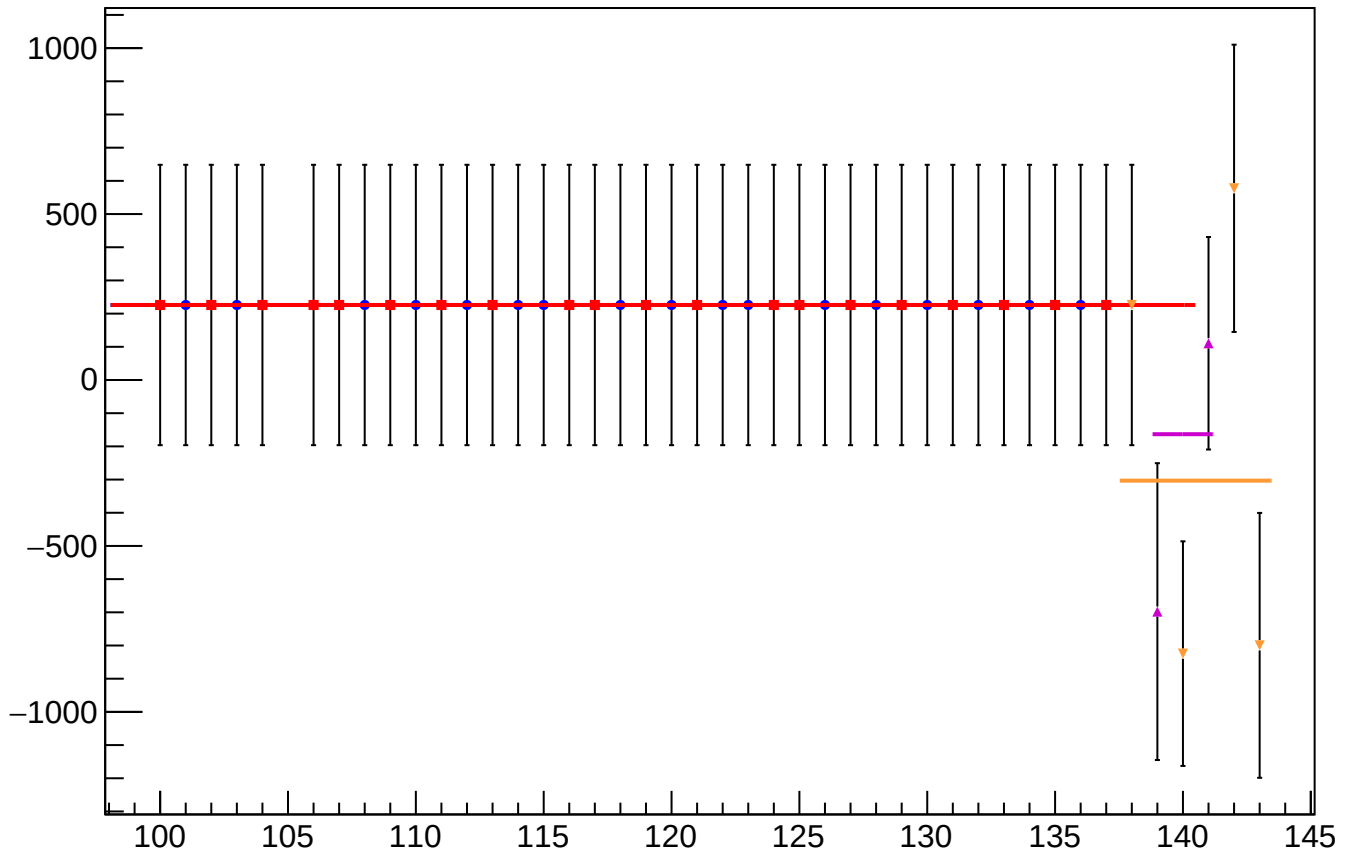
Right Out: 86.847+/-0.024 χ^2/NDF : 533326.2/19

Left In: 90.978+/-0.050 χ^2/NDF : 0.3/1

90.338+/-0.021 χ^2/NDF : 471383.6/20

87.585+/-0.021 χ^2/NDF : 538836.1/21

asym_sam7_correction_mean vs Slug



Right In: 226.028 $\pm$ 102.449 χ^2/NDF : 0.0/16

Left Out: -303.274 $\pm$ 196.283 χ^2/NDF : 9.6/3

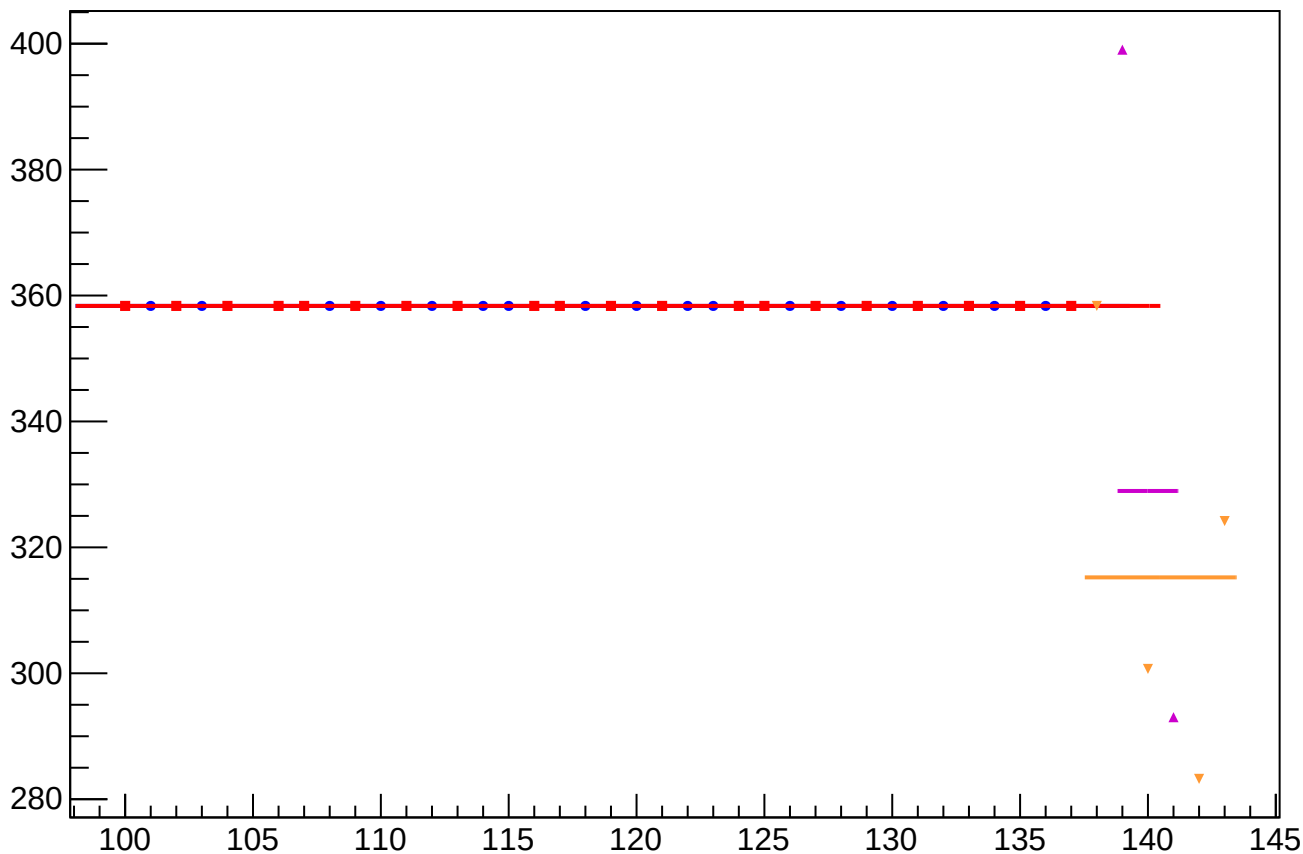
Right Out: 226.028 $\pm$ 94.454 χ^2/NDF : 0.0/19

Left In: -163.321 $\pm$ 260.323 χ^2/NDF : 2.2/1

112.704 $\pm$ 90.822 χ^2/NDF : 15.3/20

180.734 $\pm$ 88.790 χ^2/NDF : 4.1/21

asym_sam7_correction_rms vs Slug



Right In: 358.350 $\pm$ 0.072 χ^2 /NDF: 0.0/16

Left Out: 315.233 $\pm$ 0.139 χ^2 /NDF:36470.1/3

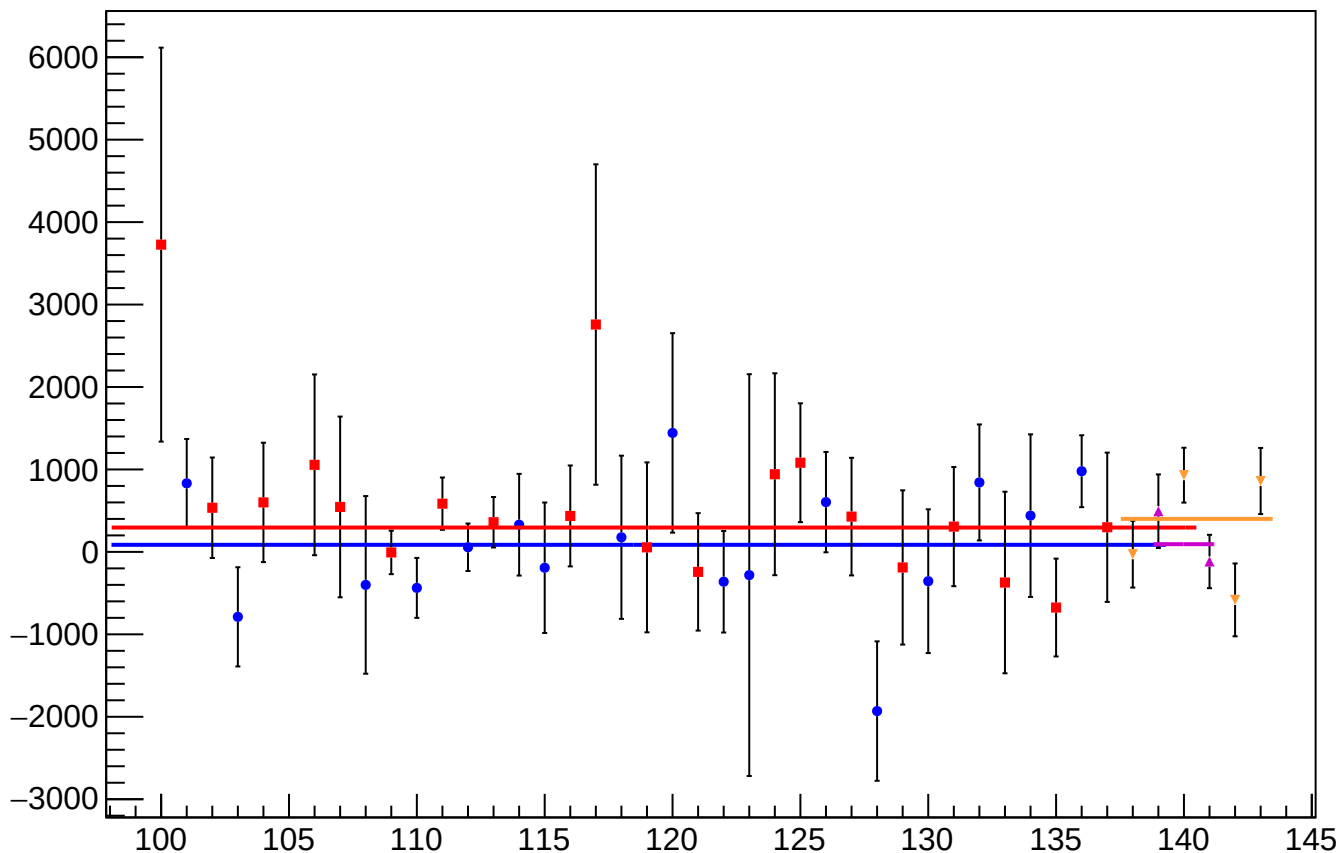
Right Out: 358.350 $\pm$ 0.067 χ^2 /NDF: 0.0/19

Left In: 328.958 $\pm$ 0.184 χ^2 /NDF:74328.9/1

349.119 $\pm$ 0.064 χ^2 /NDF: 112315.0/20

354.931 $\pm$ 0.063 χ^2 /NDF: 96858.9/21

asym_sam7_mean vs Slug



Right In: 85.810+/-142.601 χ^2/NDF : 20.6/16

Left Out: 400.340+/-194.387 χ^2/NDF : 9.9/3

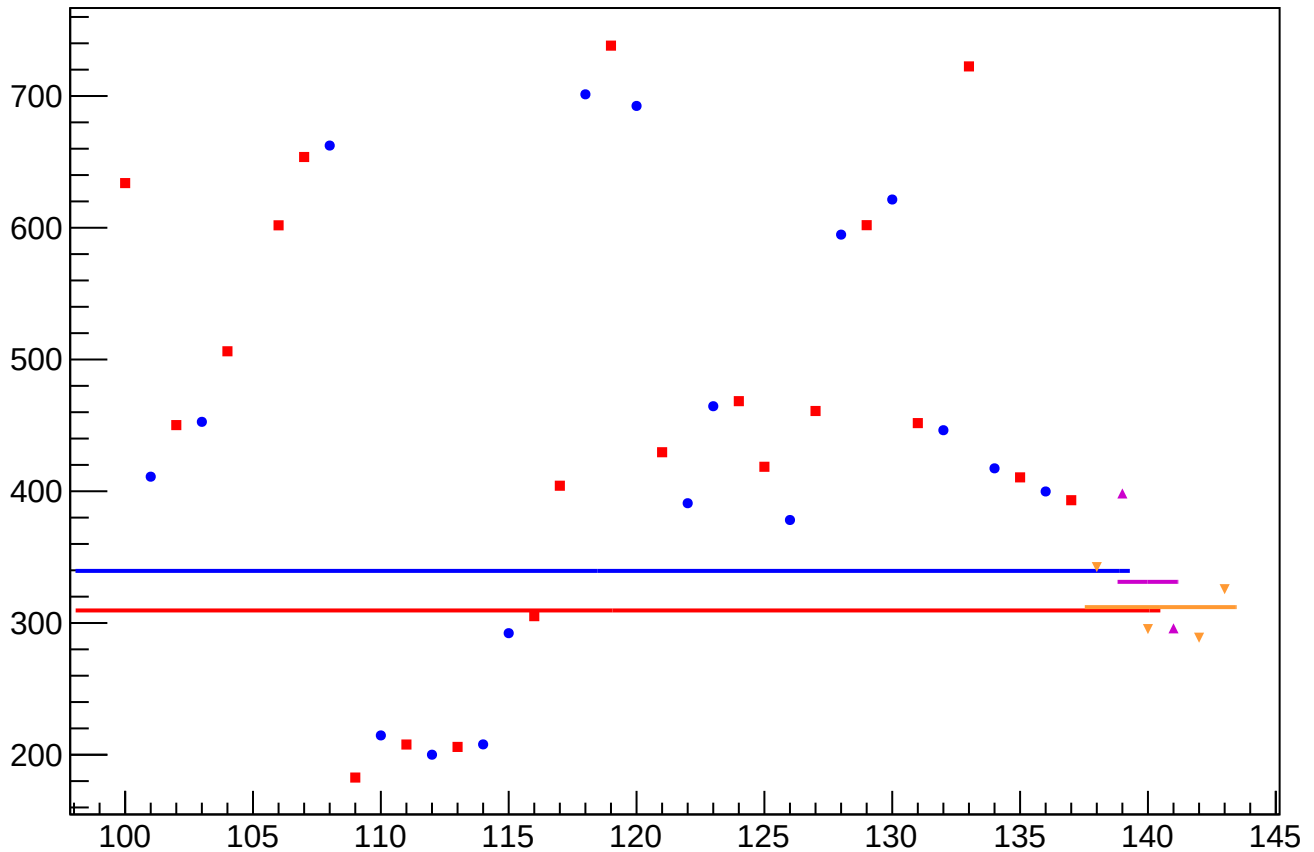
Right Out: 295.409+/-129.312 χ^2/NDF : 12.2/19

Left In: 93.613+/-262.030 χ^2/NDF : 1.2/1

195.855+/-114.980 χ^2/NDF : 32.2/20

255.888+/-115.960 χ^2/NDF : 13.9/21

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 312.057+/-0.137 χ^2/NDF : 24080.0/3

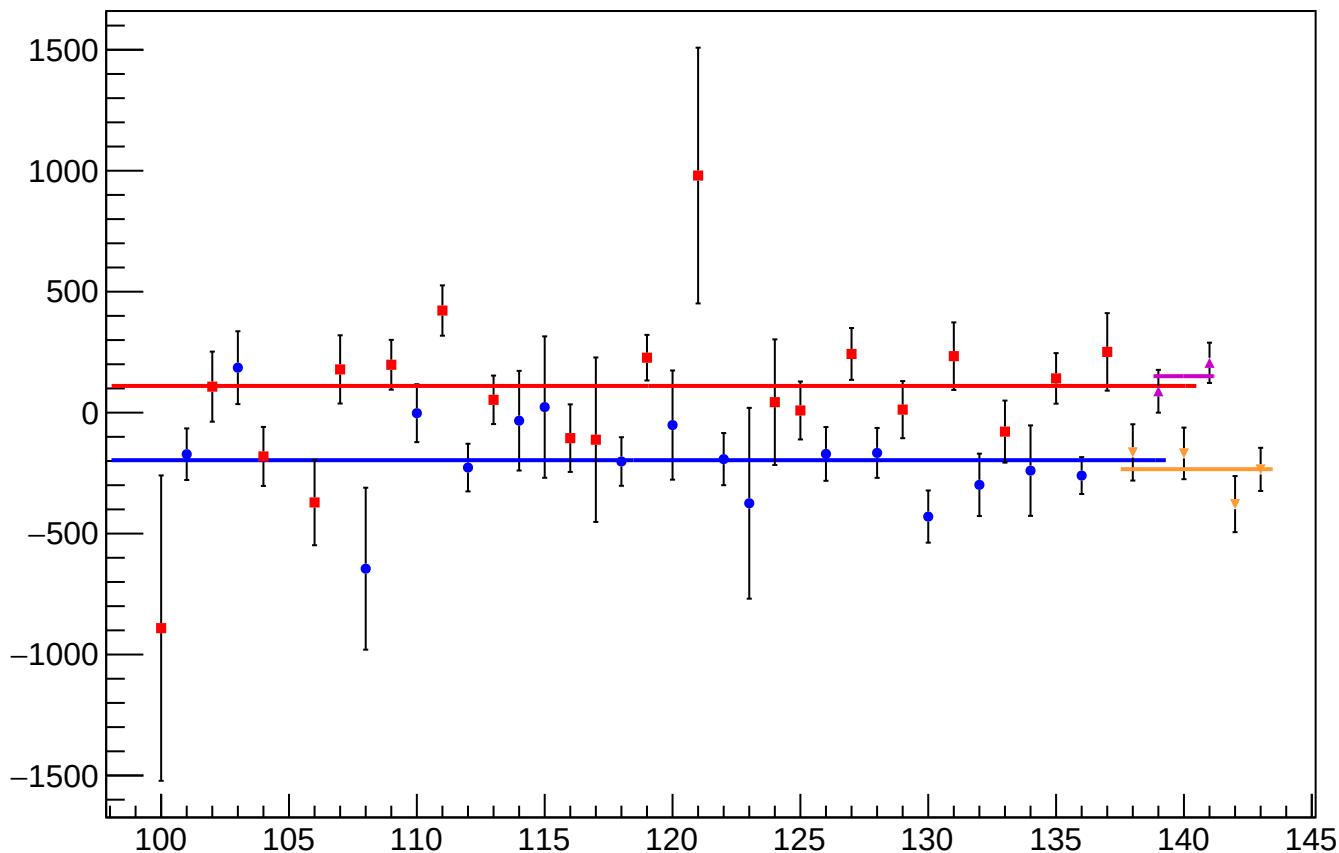
Right Out: 309.526+/-0.091 χ^2/NDF : 2735077.1/19

Left In: 331.240+/-0.185 χ^2/NDF : 68957.3/1

329.933+/-0.081 χ^2/NDF : 2092339.1/20

313.779+/-0.082 χ^2/NDF : 2815078.6/21

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 $\chi^2/\text{NDF}: 19.0/16$

Left Out: -233.672 ± 52.583 $\chi^2/\text{NDF}: 2.3/3$

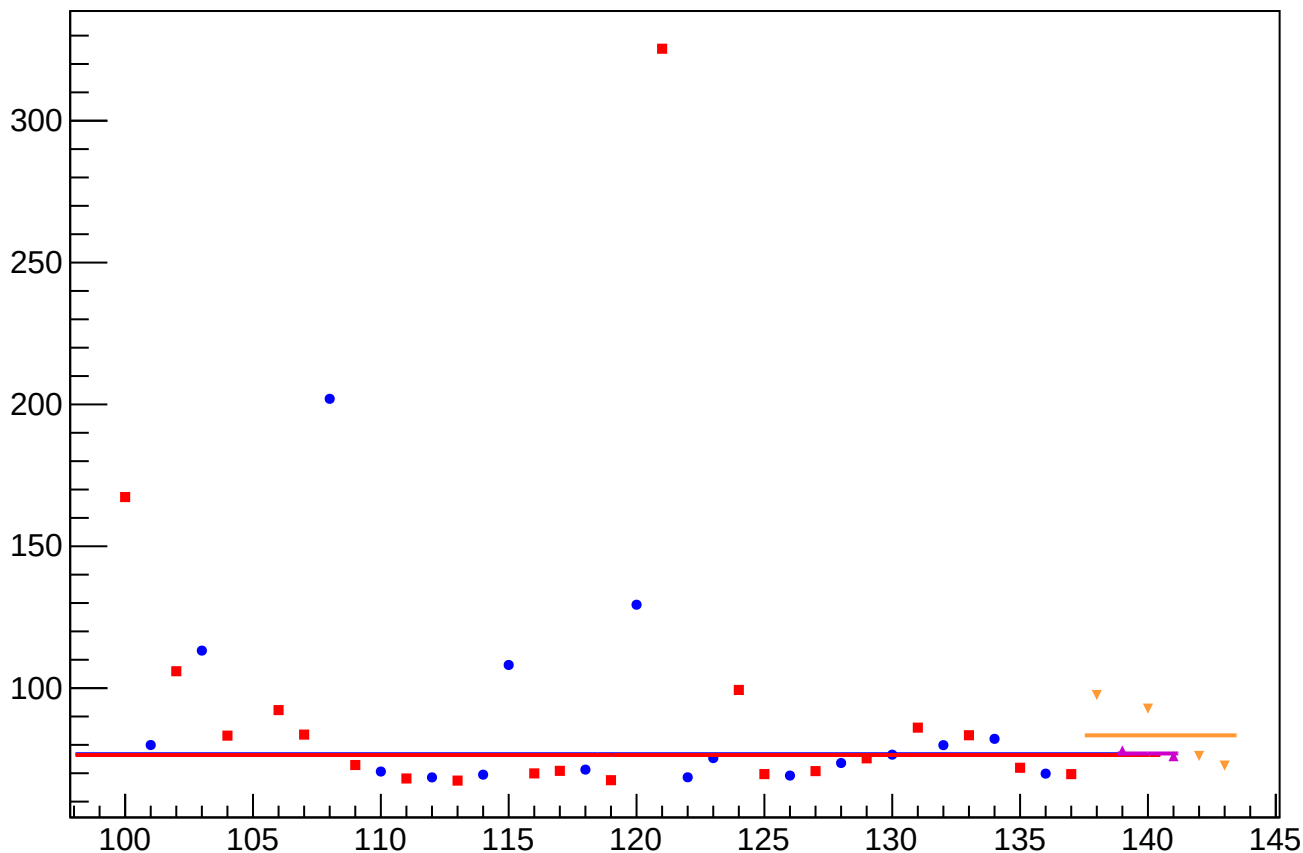
Right Out: 110.410 ± 29.510 $\chi^2/\text{NDF}: 39.8/19$

Left In: 150.672 ± 60.661 $\chi^2/\text{NDF}: 0.9/1$

-205.886 ± 26.318 $\chi^2/\text{NDF}: 21.7/20$

118.115 ± 26.537 $\chi^2/\text{NDF}: 41.1/21$

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 83.360 $\pm$ 0.037 χ^2 /NDF: 81838.2/3

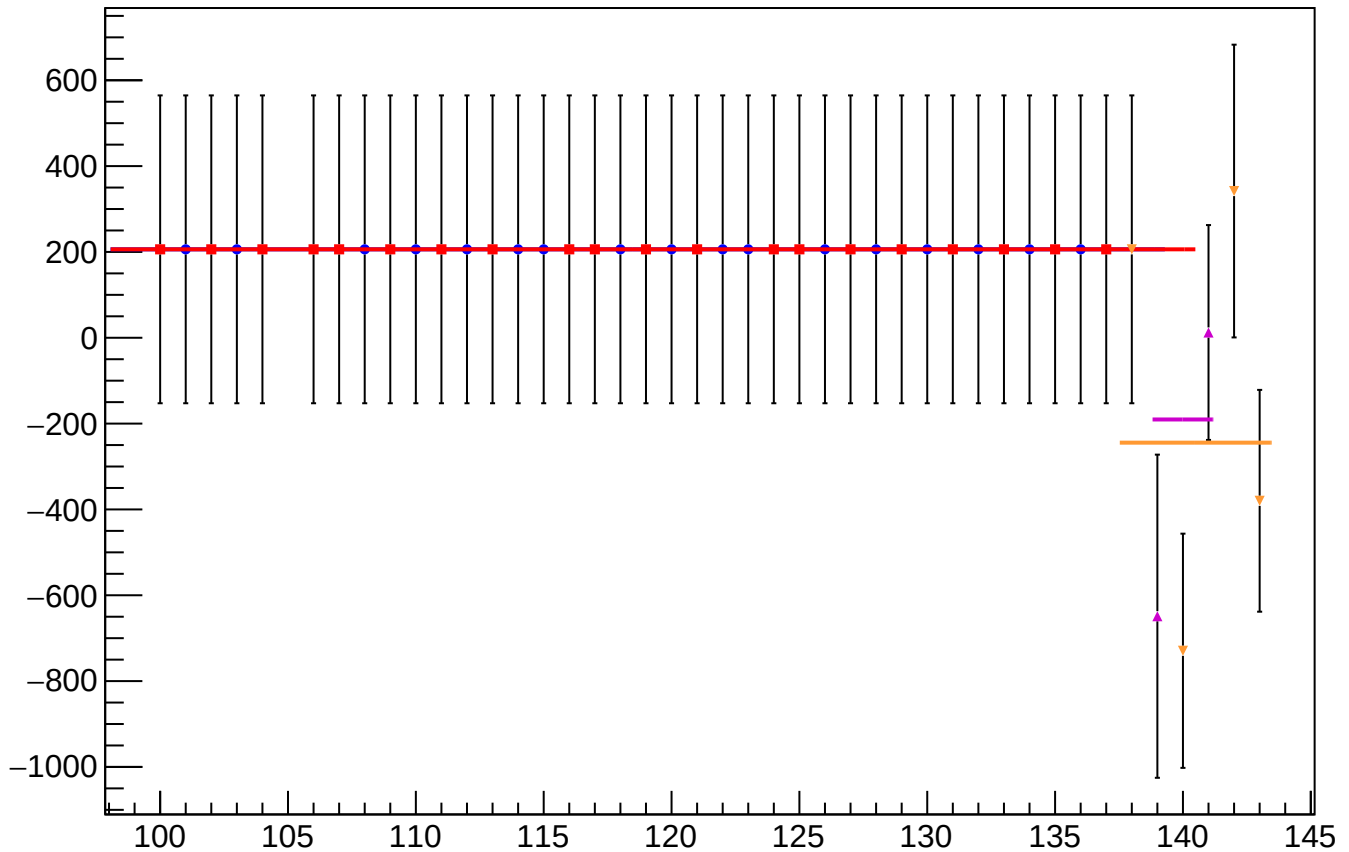
Right Out: 76.436 $\pm$ 0.021 χ^2 /NDF: 699907.3/19

Left In: 76.962 $\pm$ 0.043 χ^2 /NDF: 553.9/1

78.363 $\pm$ 0.019 χ^2 /NDF: 706293.5/20

76.537 $\pm$ 0.019 χ^2 /NDF: 700582.8/21

asym_sam8_correction_mean vs Slug



Right In: 206.066 $\pm$ 86.990 χ^2 /NDF: 0.0/16

Left Out: -244.411 $\pm$ 149.446 χ^2 /NDF: 8.0/3

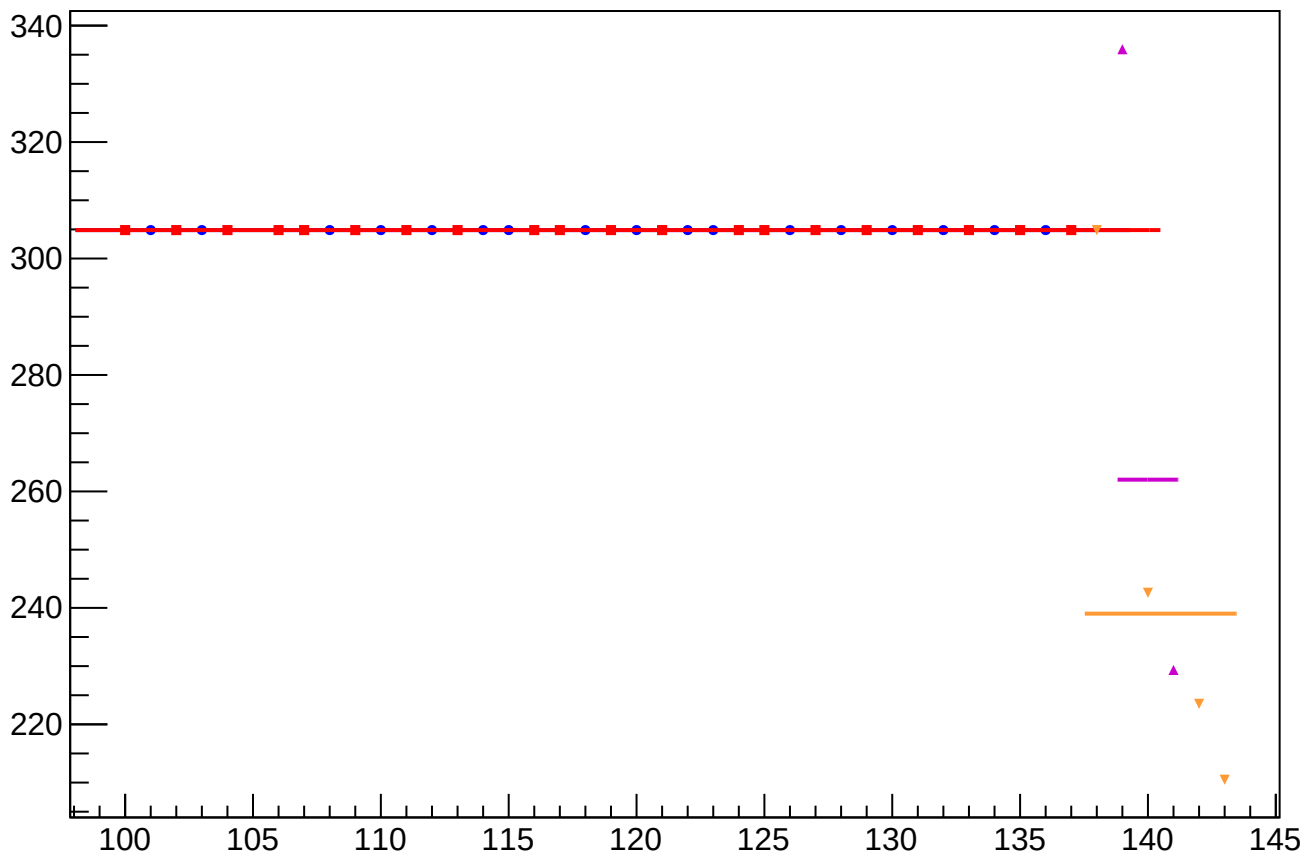
Right Out: 206.066 $\pm$ 80.201 χ^2 /NDF: 0.0/19

Left In: -190.400 $\pm$ 208.461 χ^2 /NDF: 2.1/1

92.063 $\pm$ 75.181 χ^2 /NDF: 14.8/20

154.949 $\pm$ 74.852 χ^2 /NDF: 5.3/21

asym_sam8_correction_rms vs Slug



Right In: 304.883 $\pm$ 0.062 χ^2 /NDF: 0.0/16

Left Out: 239.012 $\pm$ 0.106 χ^2 /NDF:96292.6/3

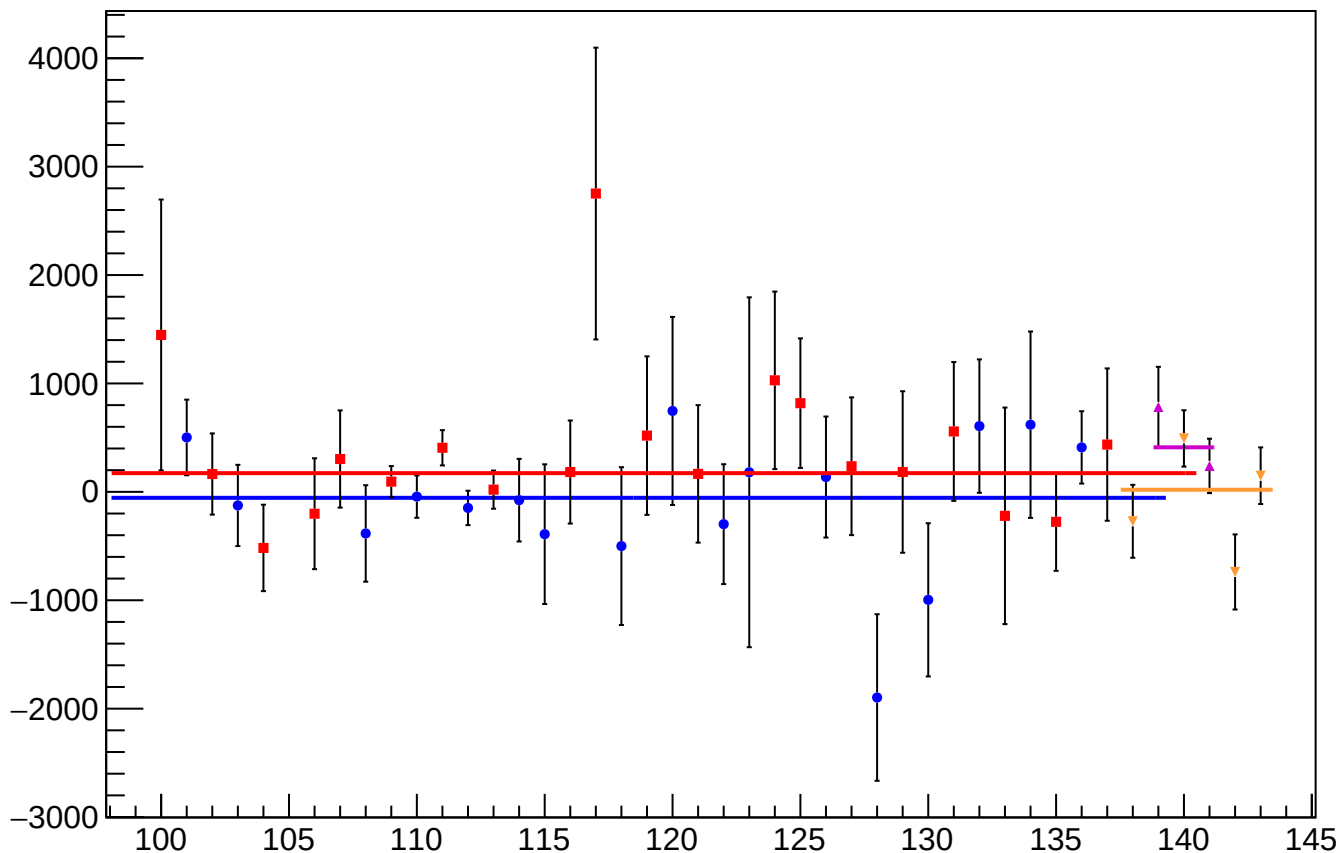
Right Out: 304.883 $\pm$ 0.057 χ^2 /NDF: 0.0/19

Left In: 262.023 $\pm$ 0.147 χ^2 /NDF:111178.7/1

288.213 $\pm$ 0.053 χ^2 /NDF: 386506.8/20

299.357 $\pm$ 0.053 χ^2 /NDF: 184823.2/21

asym_sam8_mean vs Slug



Right In: -54.933+/-90.355 χ^2/NDF : 16.5/16

Left Out: 19.537+/-146.512 χ^2/NDF : 9.1/3

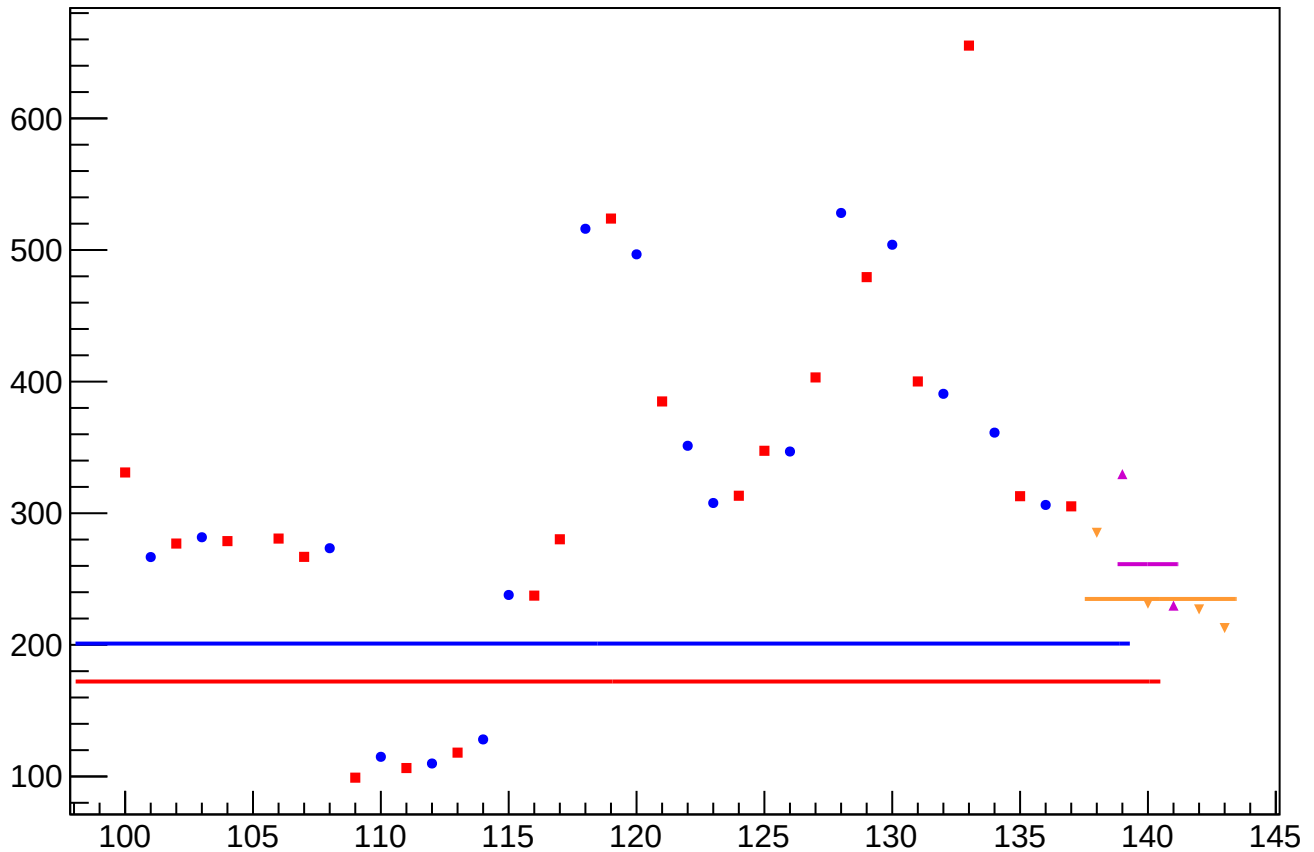
Right Out: 172.563+/-76.778 χ^2/NDF : 15.6/19

Left In: 410.863+/-207.685 χ^2/NDF : 1.5/1

-34.414+/-76.906 χ^2/NDF : 25.8/20

201.214+/-72.014 χ^2/NDF : 18.2/21

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 234.881+/-0.104 χ^2/NDF : 60394.6/3

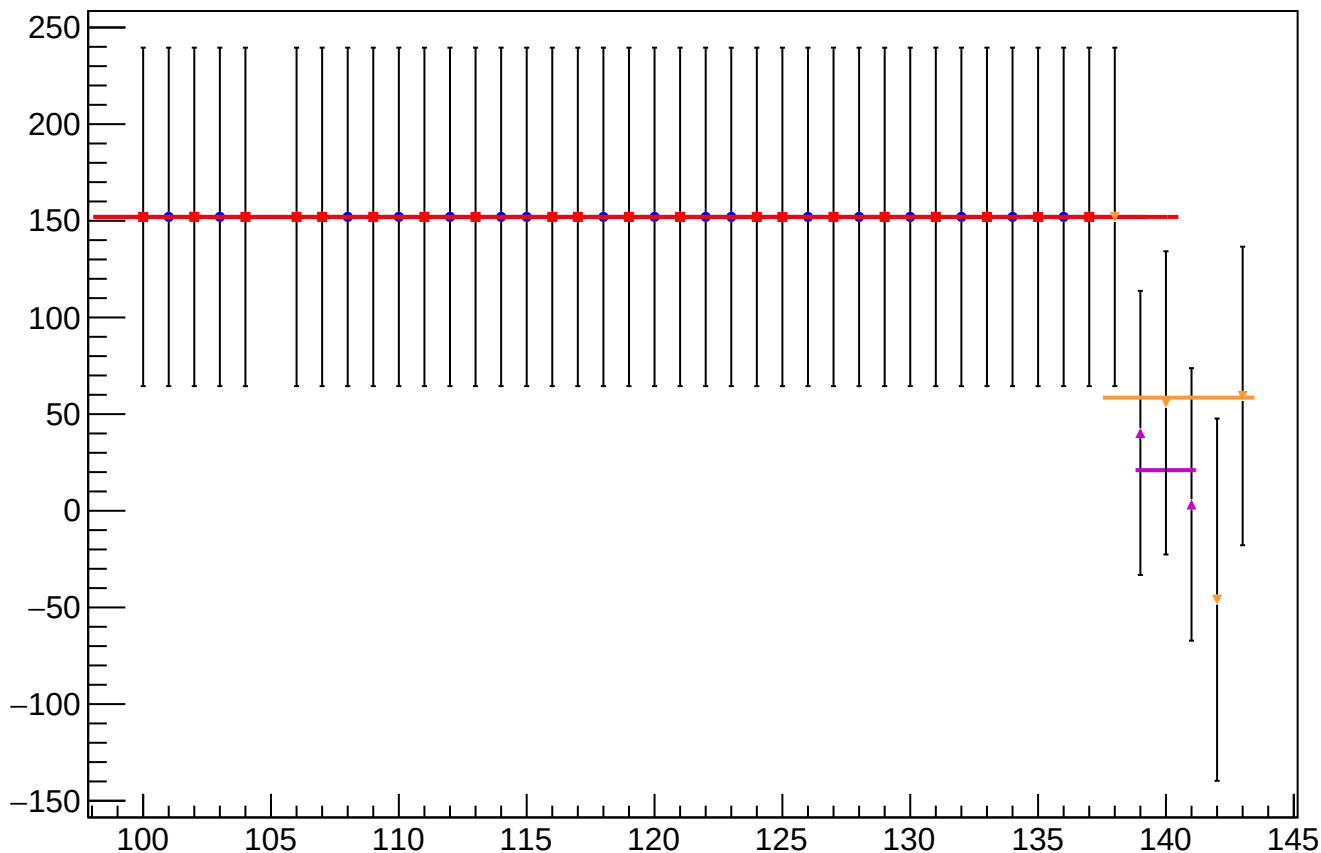
Right Out: 172.147+/-0.054 χ^2/NDF : 4105572.5/19

Left In: 261.311+/-0.147 χ^2/NDF : 99922.4/1

210.314+/-0.054 χ^2/NDF : 3574169.6/20

182.867+/-0.051 χ^2/NDF : 4529810.7/21

dit_asym_sam_15_avg_mean vs Slug



Right In: 152.022 $\pm$ 21.231 χ^2 /NDF: 0.0/16

Left Out: 58.534 $\pm$ 41.713 χ^2 /NDF:2.4/3

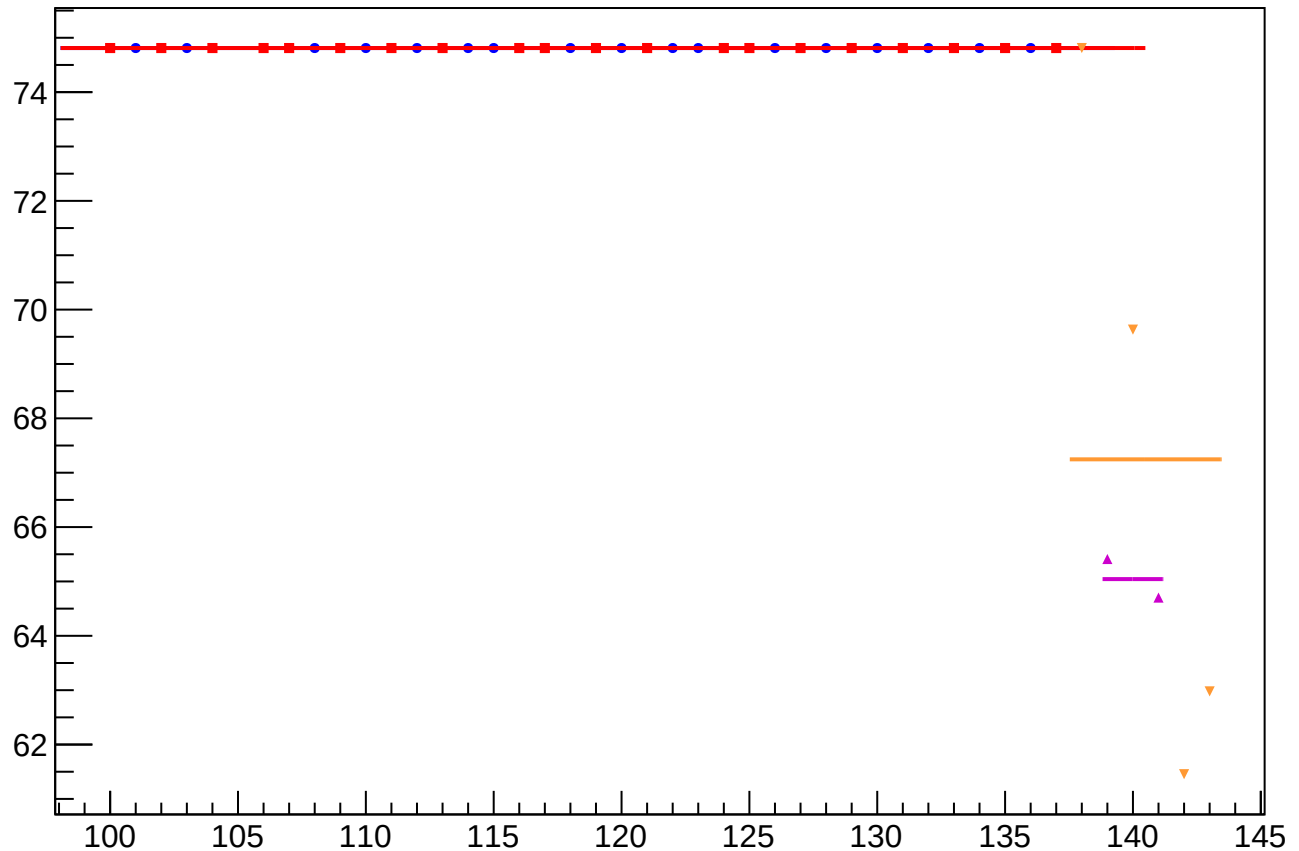
Right Out: 152.022 $\pm$ 19.574 χ^2 /NDF: 0.0/19

Left In: 21.021 $\pm$ 50.863 χ^2 /NDF:0.1/1

132.786 $\pm$ 18.921 χ^2 /NDF: 6.4/20

135.123 $\pm$ 18.268 χ^2 /NDF: 5.9/21

dit_asym_sam_15_avg_rms vs Slug



Right In: 74.811+/-0.015 χ^2/NDF : 0.0/16

Left Out: 67.246+/-0.029 χ^2/NDF : 30538.6/3

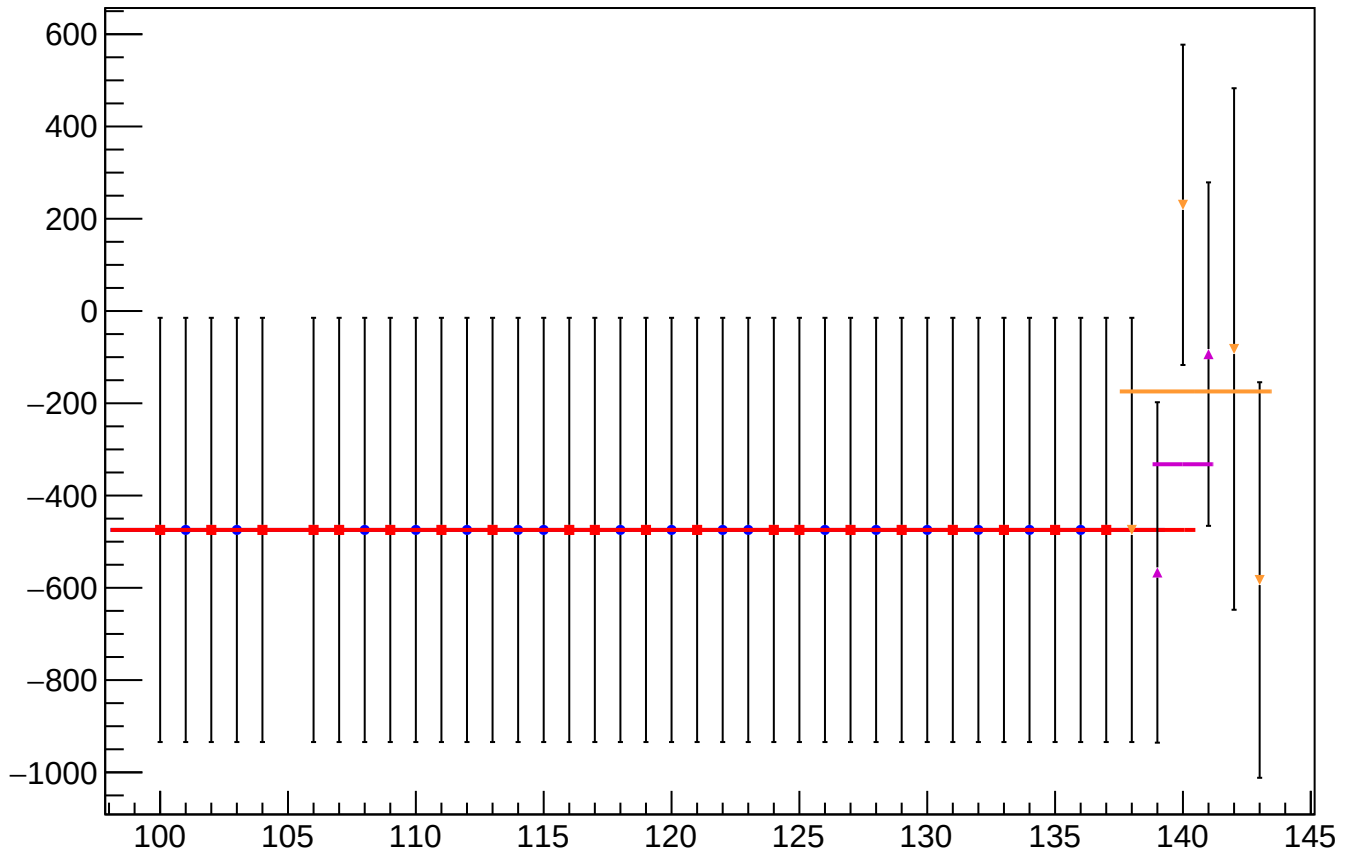
Right Out: 74.811+/-0.014 χ^2/NDF : 0.0/19

Left In: 65.043+/-0.036 χ^2/NDF : 97.1/1

73.255+/-0.013 χ^2/NDF : 82789.3/20

73.551+/-0.013 χ^2/NDF : 64345.5/21

asym_sam_15_avg_correction_mean vs Slug



Right In: -474.517+/-111.515 χ^2/NDF : 0.0/16

Left Out: -174.338+/-215.180 χ^2/NDF : 2.7/3

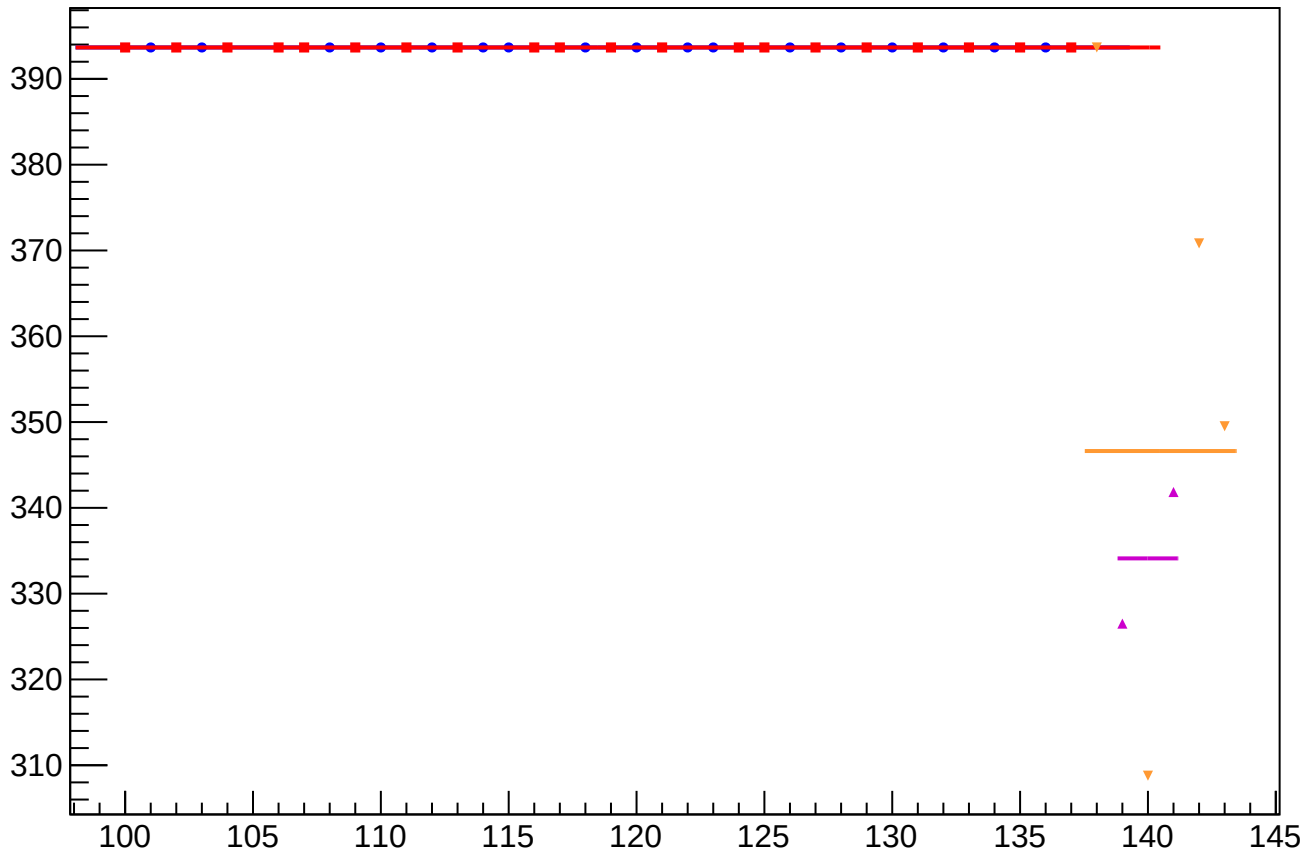
Right Out: -474.517+/-102.812 χ^2/NDF : 0.0/19

Left In: -332.163+/-262.060 χ^2/NDF : 0.8/1

-410.966+/-99.009 χ^2/NDF : 4.3/20

-455.529+/-95.709 χ^2/NDF : 1.1/21

asym_sam_15_avg_correction_rms vs Slug



Right In: 393.663 $\pm$ 0.079 χ^2 /NDF: 0.0/16

Left Out: 346.624 $\pm$ 0.152 χ^2 /NDF:48452.0/3

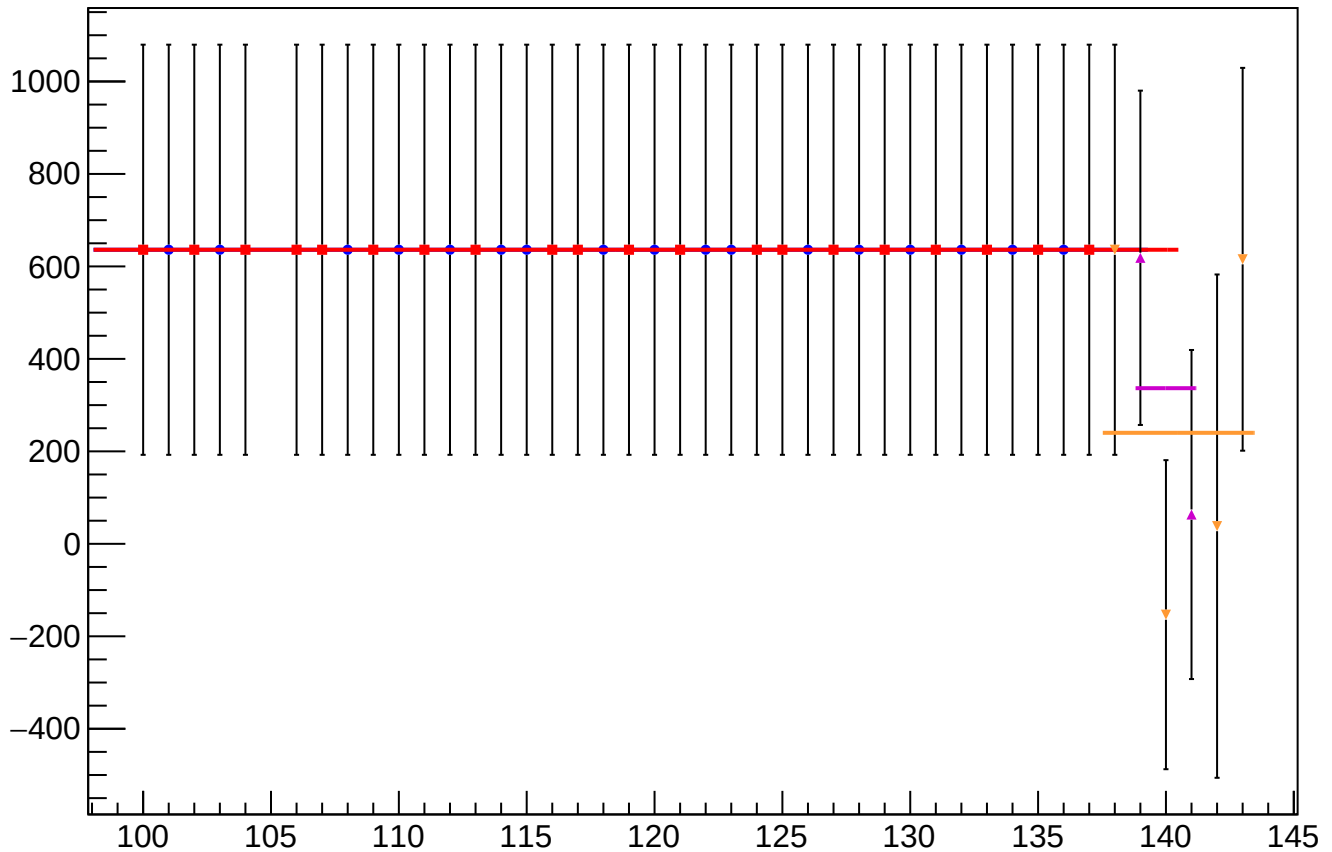
Right Out: 393.663 $\pm$ 0.073 χ^2 /NDF: 0.0/19

Left In: 334.109 $\pm$ 0.185 χ^2 /NDF:1713.1/1

383.704 $\pm$ 0.070 χ^2 /NDF: 123792.0/20

385.719 $\pm$ 0.068 χ^2 /NDF: 91222.6/21

asym_sam_15_avg_mean vs Slug



Right In: 636.038 $\pm$ 107.577 χ^2 /NDF: 0.0/16

Left Out: 240.101 $\pm$ 207.413 χ^2 /NDF:3.1/3

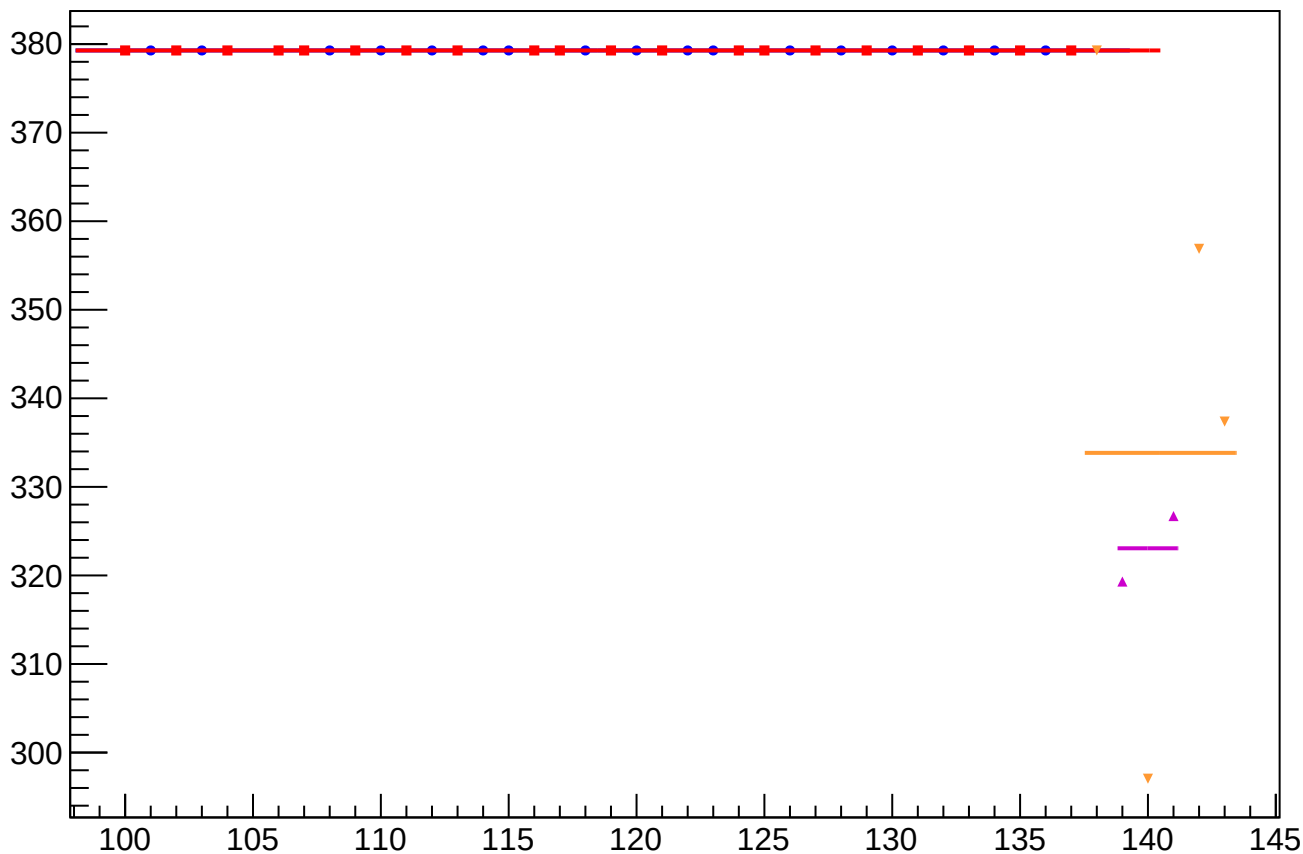
Right Out: 636.038 $\pm$ 99.181 χ^2 /NDF: 0.0/19

Left In: 336.616 $\pm$ 253.616 χ^2 /NDF:1.2/1

552.106 $\pm$ 95.496 χ^2 /NDF: 6.0/20

596.321 $\pm$ 92.369 χ^2 /NDF: 2.4/21

asym_sam_15_avg_rms vs Slug



Right In: 379.283 $\pm$ 0.076 χ^2/NDF : 0.0/16

Left Out: 333.840 $\pm$ 0.147 χ^2/NDF : 48960.4/3

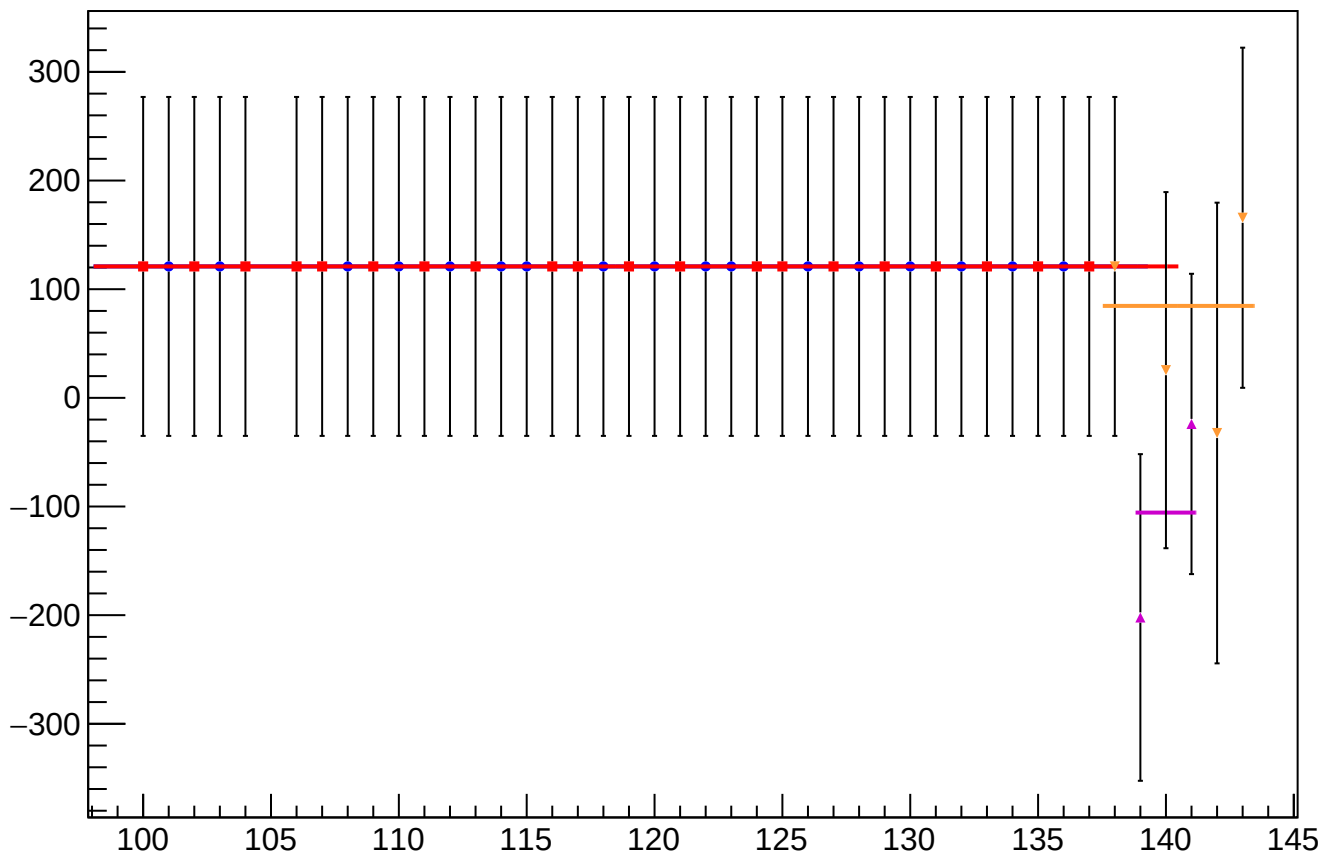
Right Out: 379.283 $\pm$ 0.070 χ^2/NDF : 0.0/19

Left In: 323.066 $\pm$ 0.179 χ^2/NDF : 425.0/1

369.650 $\pm$ 0.068 χ^2/NDF : 124612.7/20

371.826 $\pm$ 0.065 χ^2/NDF : 85657.9/21

dit_asym_sam_26_avg_mean vs Slug



Right In: 120.964 $\pm$ 37.832 χ^2 /NDF: 0.0/16

Left Out: 84.628 $\pm$ 84.099 χ^2 /NDF:0.8/3

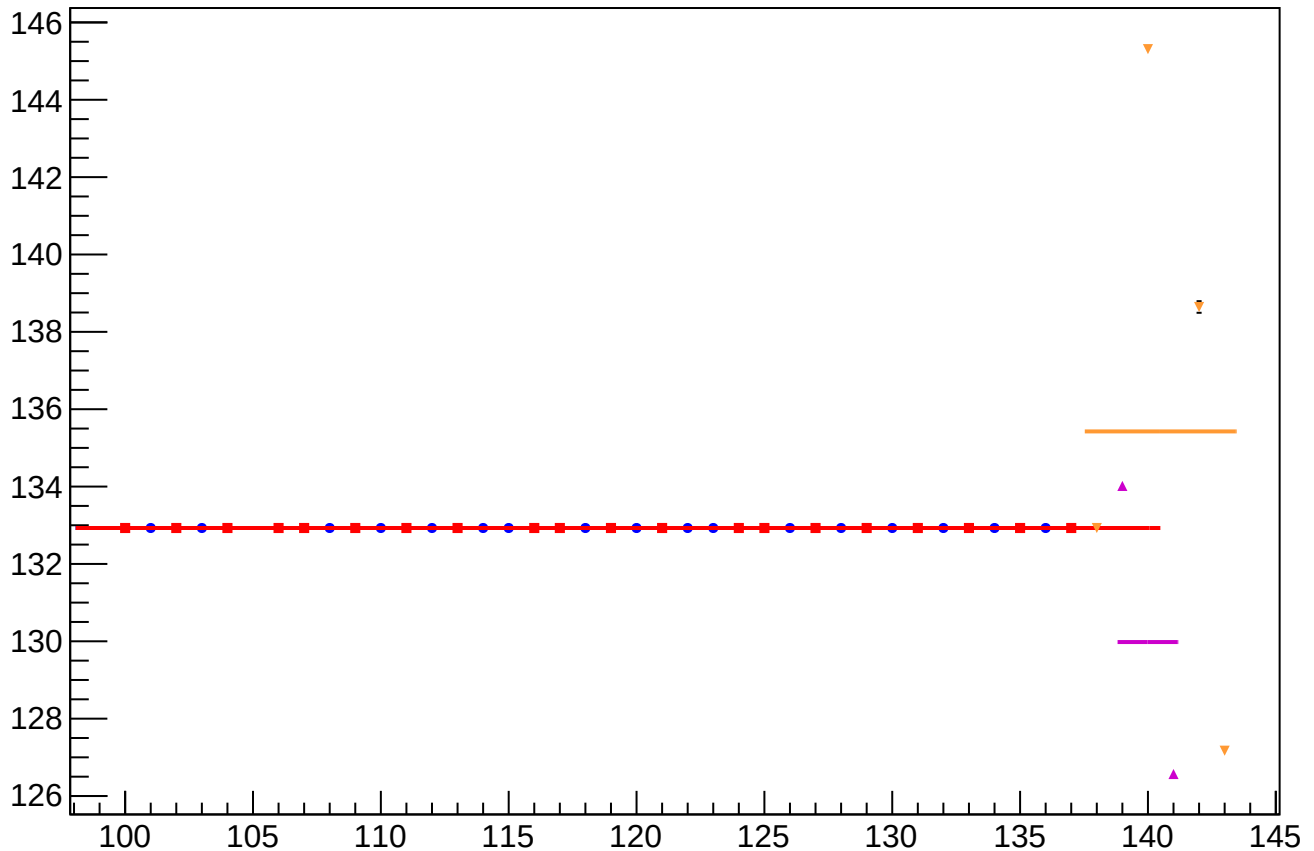
Right Out: 120.964 $\pm$ 34.880 χ^2 /NDF: 0.0/19

Left In: -105.606 $\pm$ 101.741 χ^2 /NDF:0.8/1

114.848 $\pm$ 34.502 χ^2 /NDF: 0.9/20

97.135 $\pm$ 32.995 χ^2 /NDF: 5.2/21

dit_asym_sam_26_avg_rms vs Slug



Right In: 132.929 $\pm$ 0.027 χ^2 /NDF: 0.0/16

Left Out: 135.426 $\pm$ 0.059 χ^2 /NDF:13807.3/3

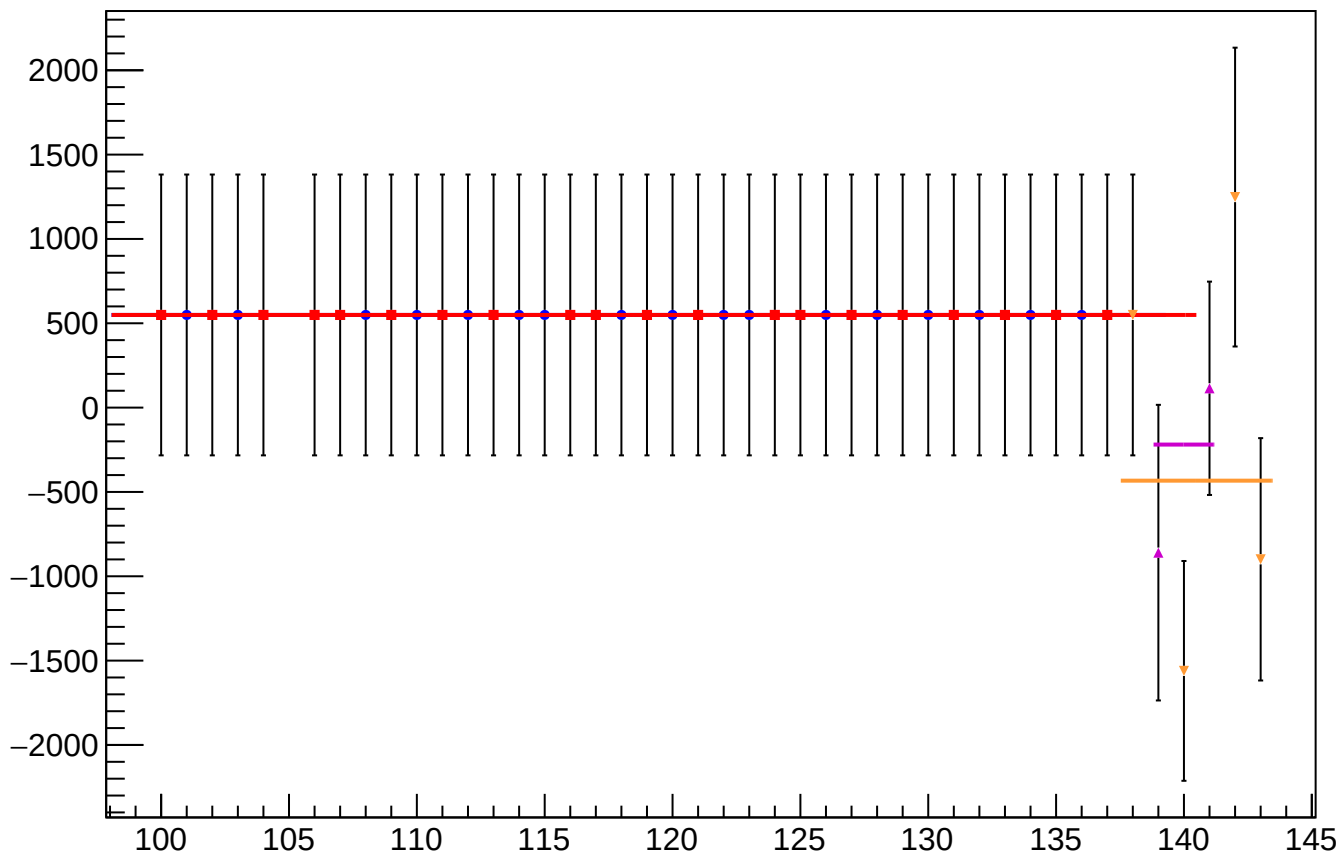
Right Out: 132.929 $\pm$ 0.025 χ^2 /NDF: 0.0/19

Left In: 129.981 $\pm$ 0.072 χ^2 /NDF:2660.9/1

133.349 $\pm$ 0.024 χ^2 /NDF: 15273.7/20

132.619 $\pm$ 0.023 χ^2 /NDF: 4163.9/21

asym_sam_26_avg_correction_mean vs Slug



Right In: 549.374 $\pm$ 201.914 χ^2 /NDF: 0.0/16

Left Out: -433.098 $\pm$ 377.696 χ^2 /NDF:8.4/3

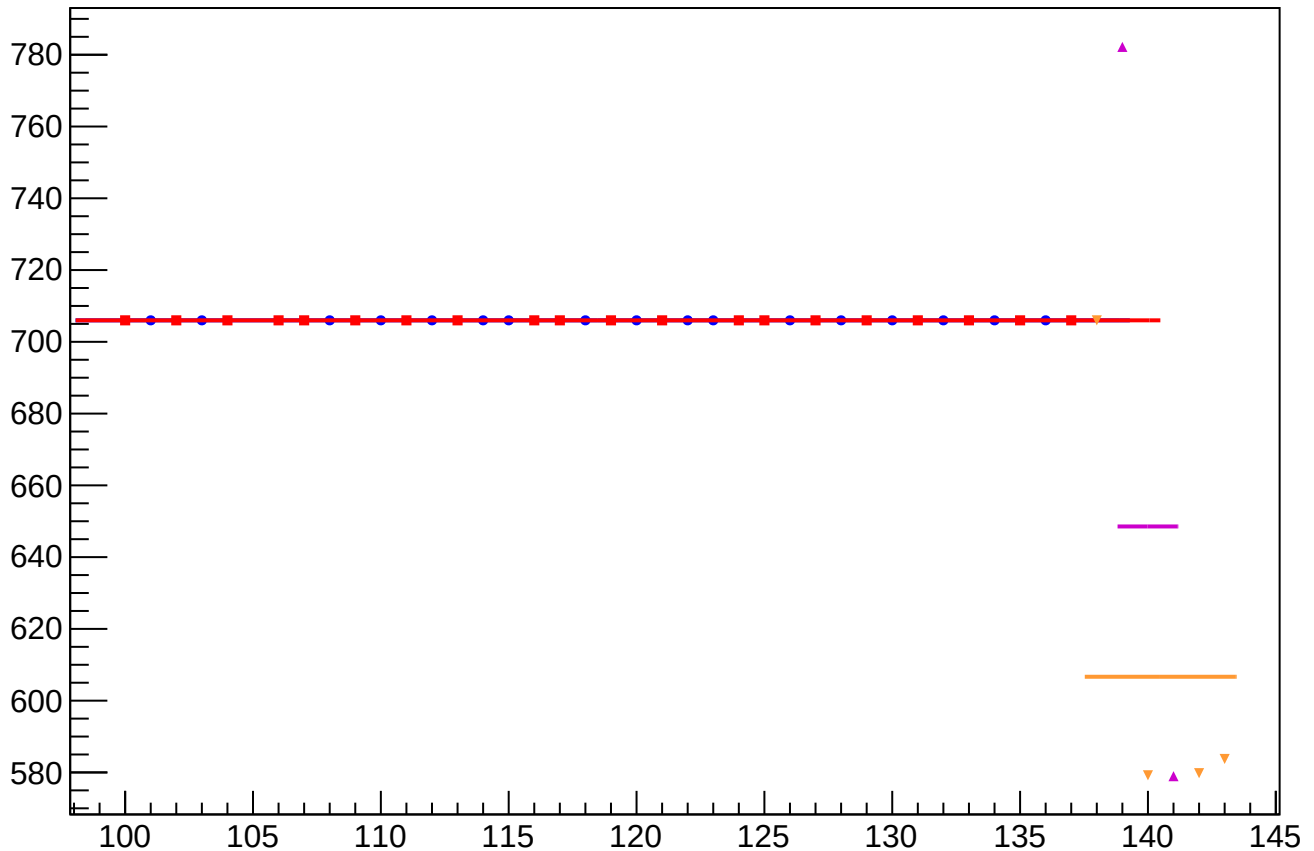
Right Out: 549.374 $\pm$ 186.156 χ^2 /NDF: 0.0/19

Left In: -219.139 $\pm$ 512.817 χ^2 /NDF:0.8/1

331.001 $\pm$ 178.066 χ^2 /NDF: 13.7/20

459.895 $\pm$ 174.983 χ^2 /NDF: 2.8/21

asym_sam_26_avg_correction_rms vs Slug



Right In: 705.989 $\pm$ 0.143 χ^2 /NDF: 0.0/16

Left Out: 606.662 $\pm$ 0.267 χ^2 /NDF: 35896.4/3

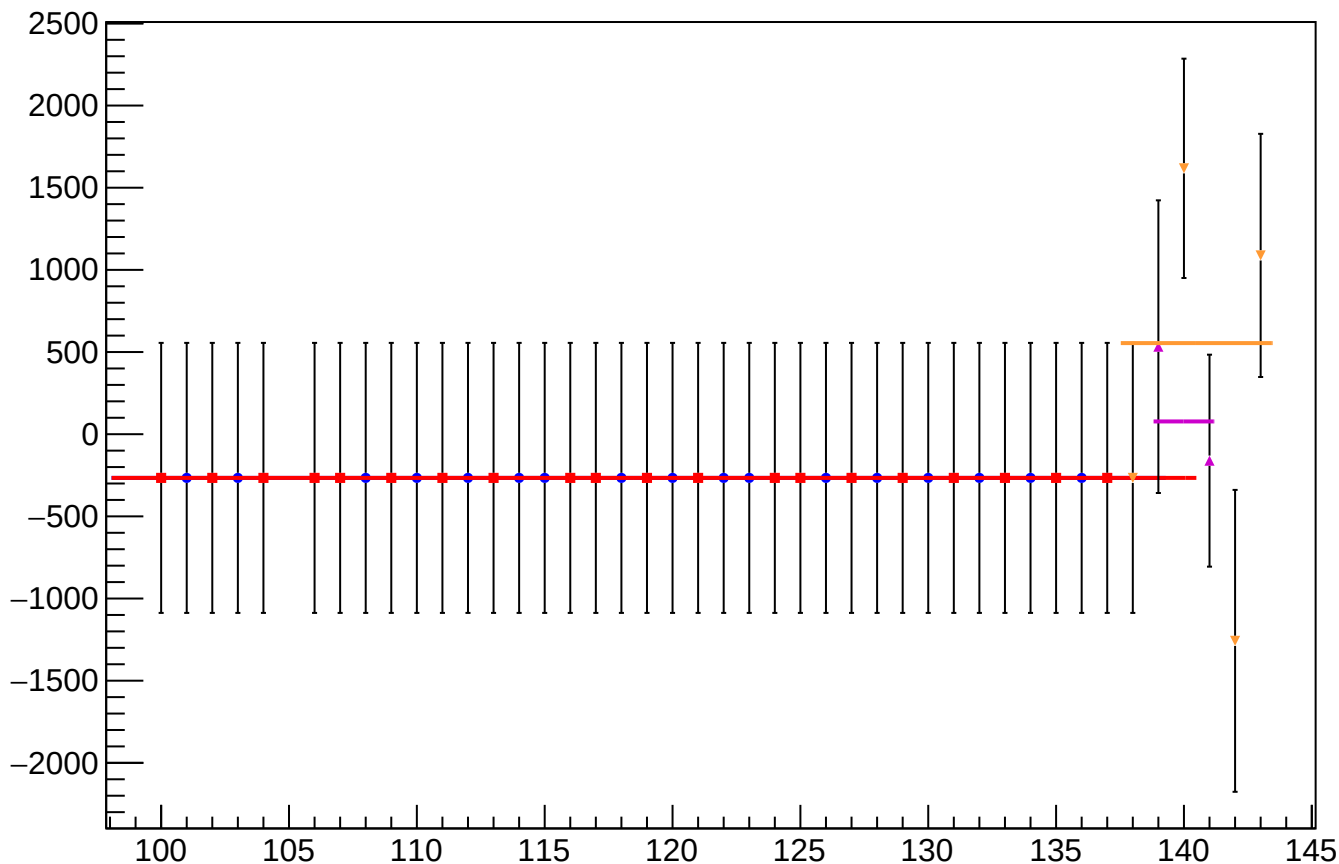
Right Out: 705.989 $\pm$ 0.132 χ^2 /NDF: 0.0/19

Left In: 648.547 $\pm$ 0.363 χ^2 /NDF: 70734.2/1

683.912 $\pm$ 0.126 χ^2 /NDF: 143471.1/20

699.301 $\pm$ 0.124 χ^2 /NDF: 92906.4/21

asym_sam_26_avg_mean vs Slug



Right In: -265.915+/-199.276 χ^2 /NDF: 0.0/16

Left Out: 554.397+/-385.228 χ^2 /NDF: 7.9/3

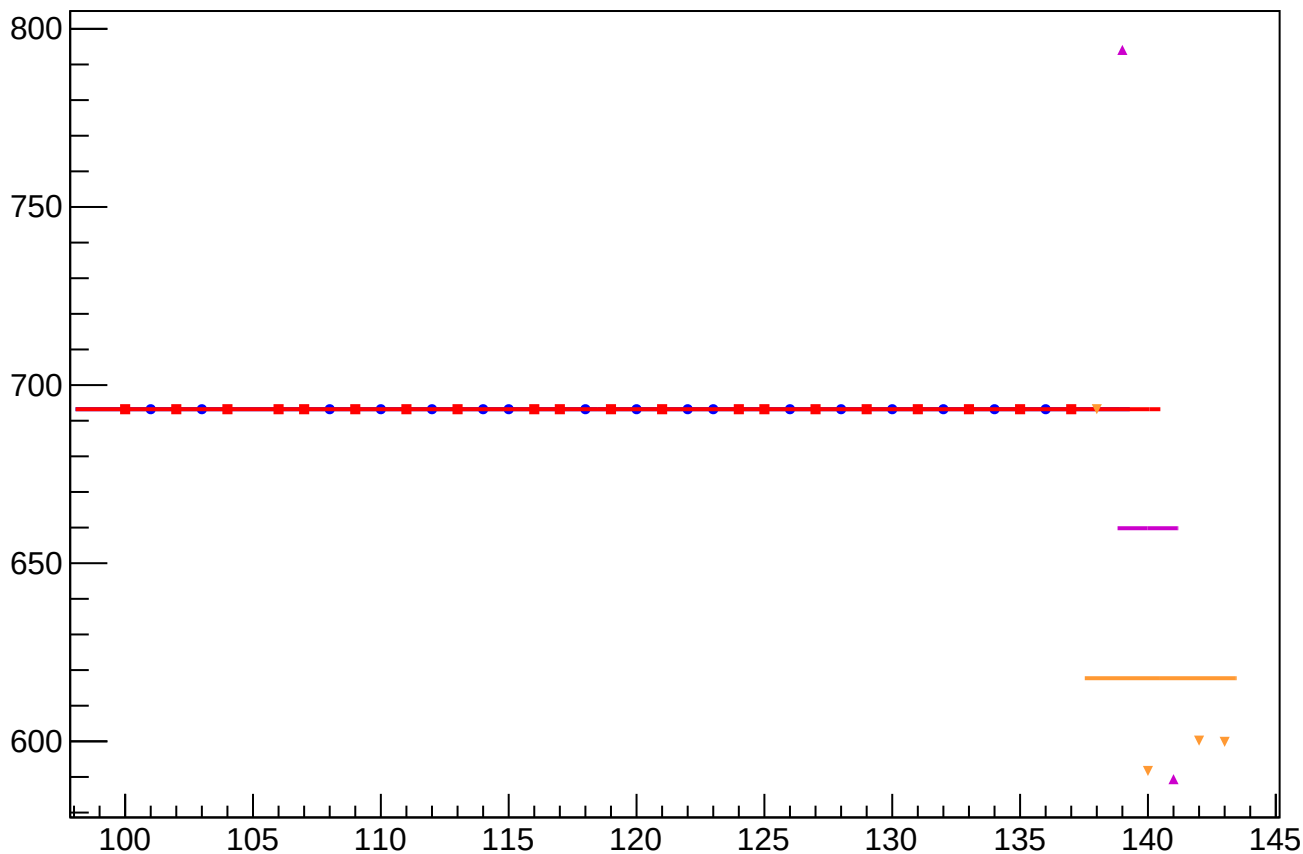
Right Out: -265.915+/-183.724 χ^2 /NDF: 0.0/19

Left In: 77.625+/-522.351 χ^2 /NDF: 0.4/1

-92.745+/-176.997 χ^2 /NDF: 11.5/20

-228.095+/-173.316 χ^2 /NDF: 0.8/21

asym_sam_26_avg_rms vs Slug



Right In: 693.227+/-0.141 χ^2/NDF : 0.0/16

Left Out: 617.715+/-0.272 χ^2/NDF : 21830.1/3

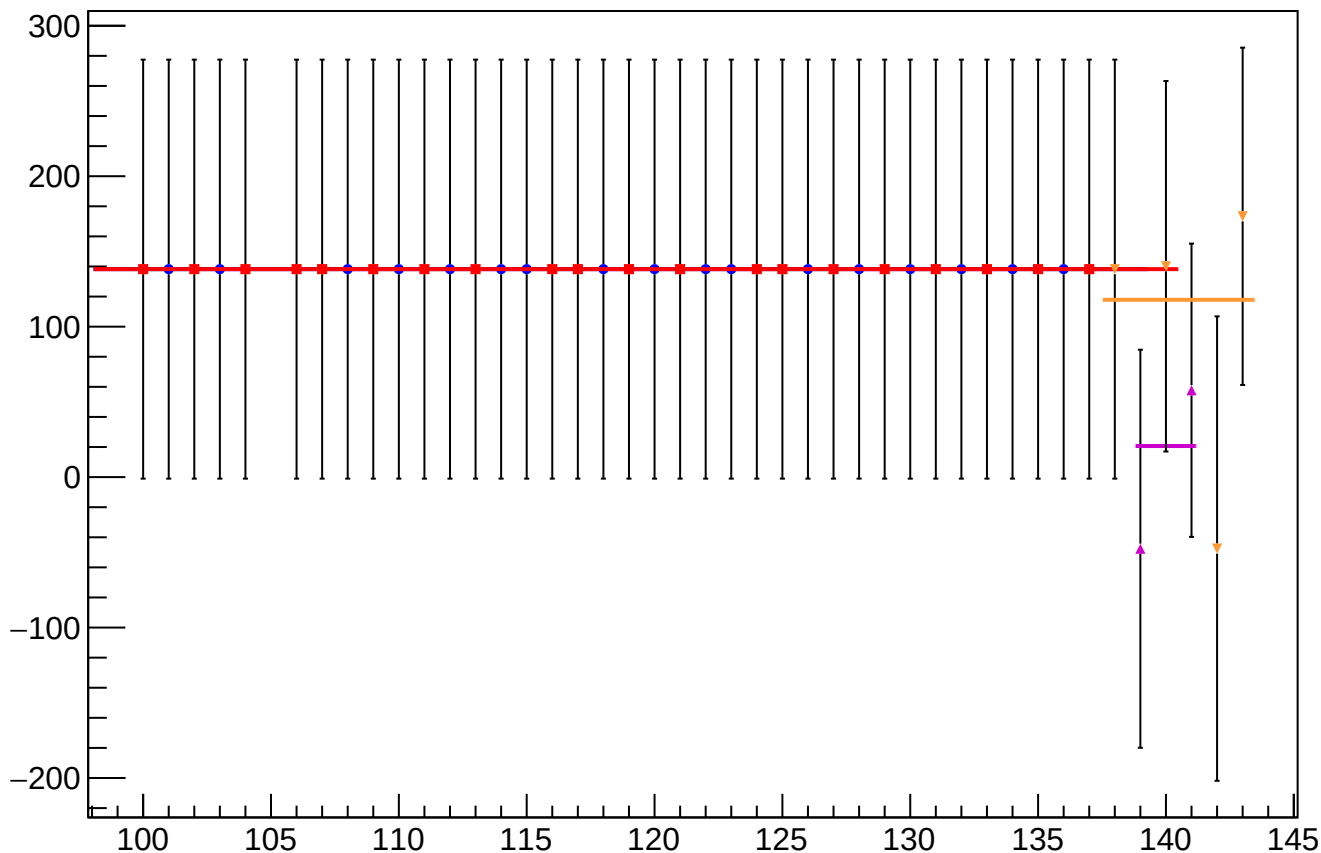
Right Out: 693.227+/-0.130 χ^2/NDF : 0.0/19

Left In: 659.818+/-0.369 χ^2/NDF : 69328.8/1

677.287+/-0.125 χ^2/NDF : 82453.9/20

689.549+/-0.123 χ^2/NDF : 76609.8/21

dit_asym_sam_37_avg_mean vs Slug



Right In: 138.233 $\pm$ 33.773 χ^2 /NDF: 0.0/16

Left Out: 117.846 $\pm$ 64.672 χ^2 /NDF:1.4/3

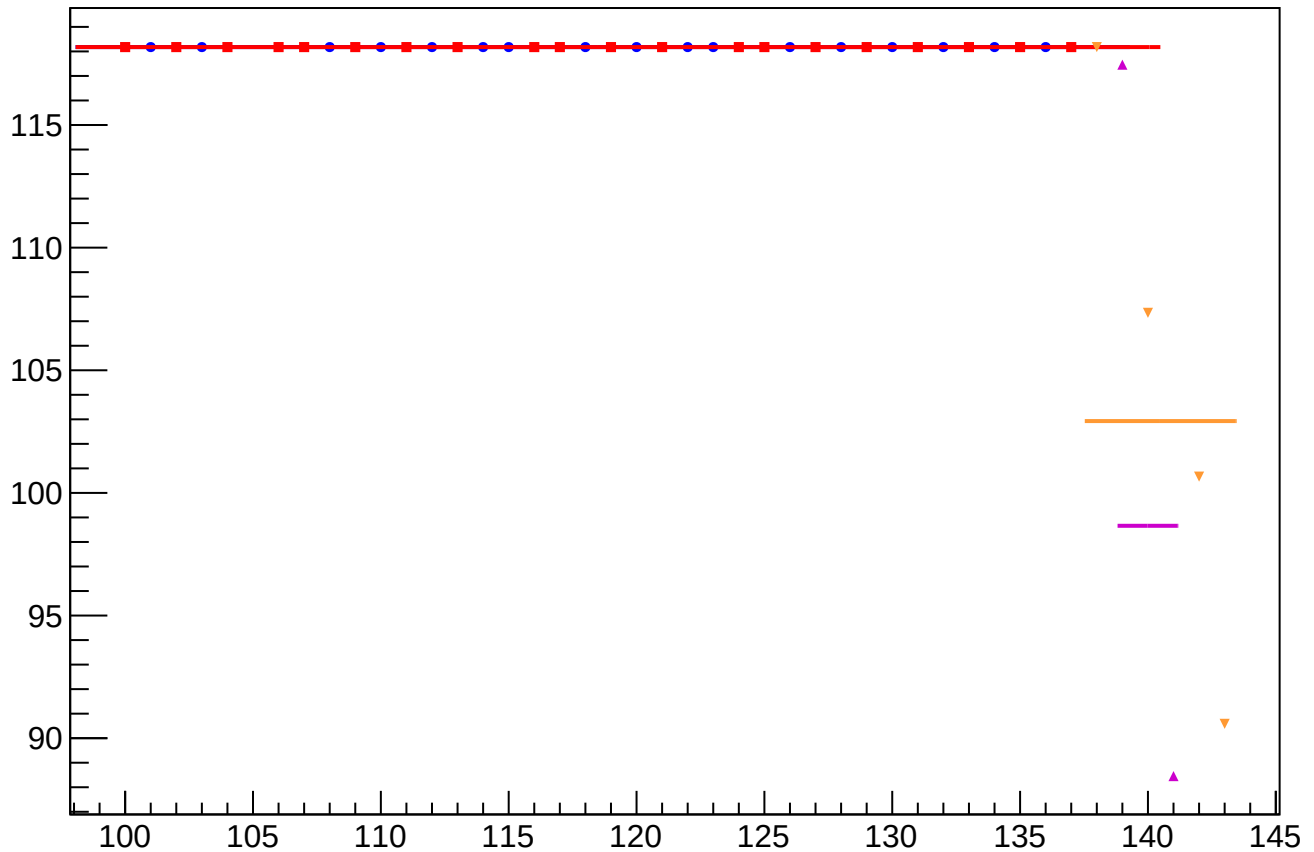
Right Out: 138.233 $\pm$ 31.138 χ^2 /NDF: 0.0/19

Left In: 20.661 $\pm$ 78.471 χ^2 /NDF:0.4/1

133.865 $\pm$ 29.937 χ^2 /NDF: 1.5/20

122.240 $\pm$ 28.942 χ^2 /NDF: 2.4/21

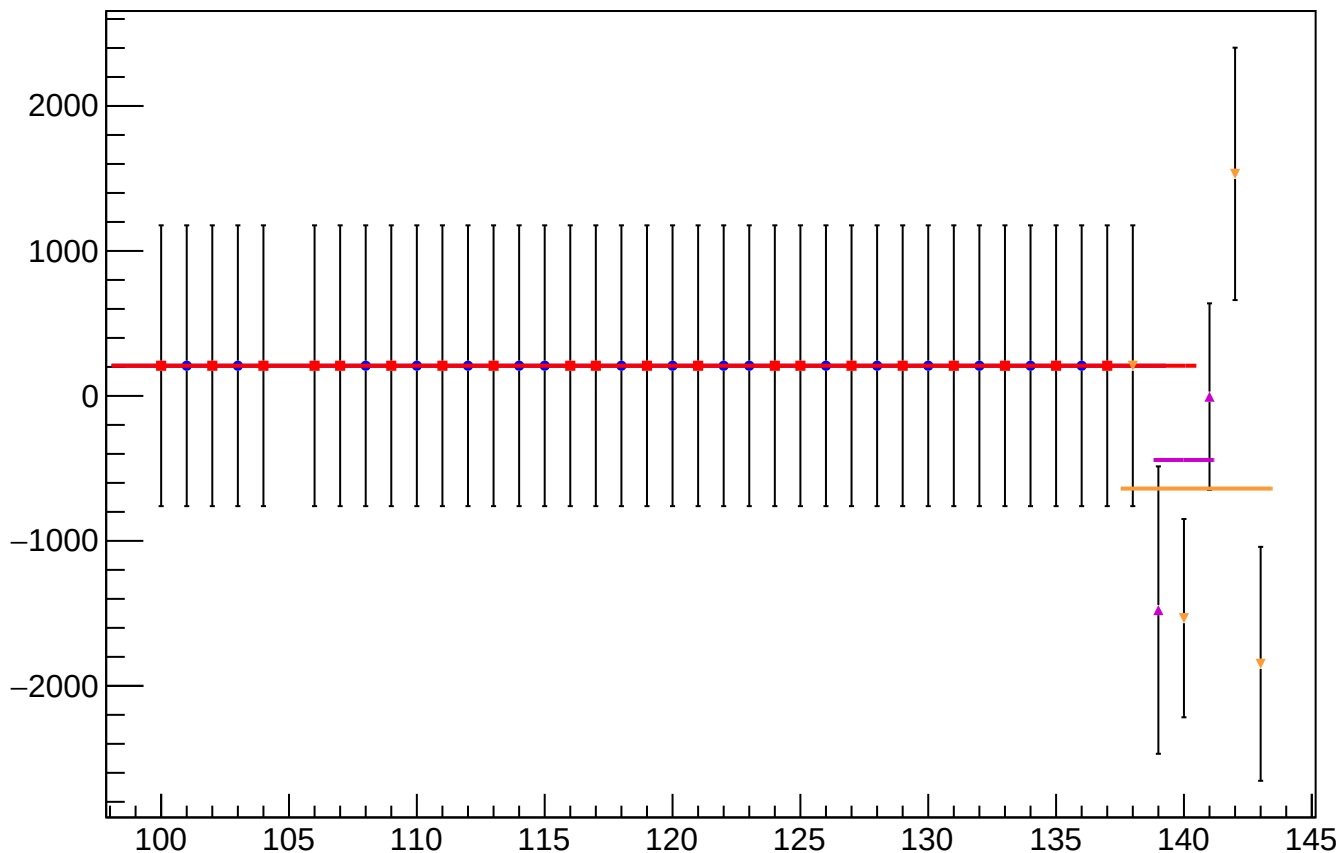
dit_asym_sam_37_avg_rms vs Slug



Right In: 118.177 $\pm$ 0.024 χ^2 /NDF: 0.0/16
Left Out: 102.929 $\pm$ 0.046 χ^2 /NDF:51233.6/3
Right Out: 118.177 $\pm$ 0.022 χ^2 /NDF: 0.0/19
Left In: 98.660 $\pm$ 0.055 χ^2 /NDF:62317.8/1

114.909 $\pm$ 0.021 χ^2 /NDF: 138585.5/20
115.522 $\pm$ 0.020 χ^2 /NDF: 169206.4/21

asym_sam_37_avg_correction_mean vs Slug



Right In: 208.161 $\pm$ 234.901 χ^2 /NDF: 0.0/16

Left Out: -639.236 $\pm$ 406.244 χ^2 /NDF:10.9/3

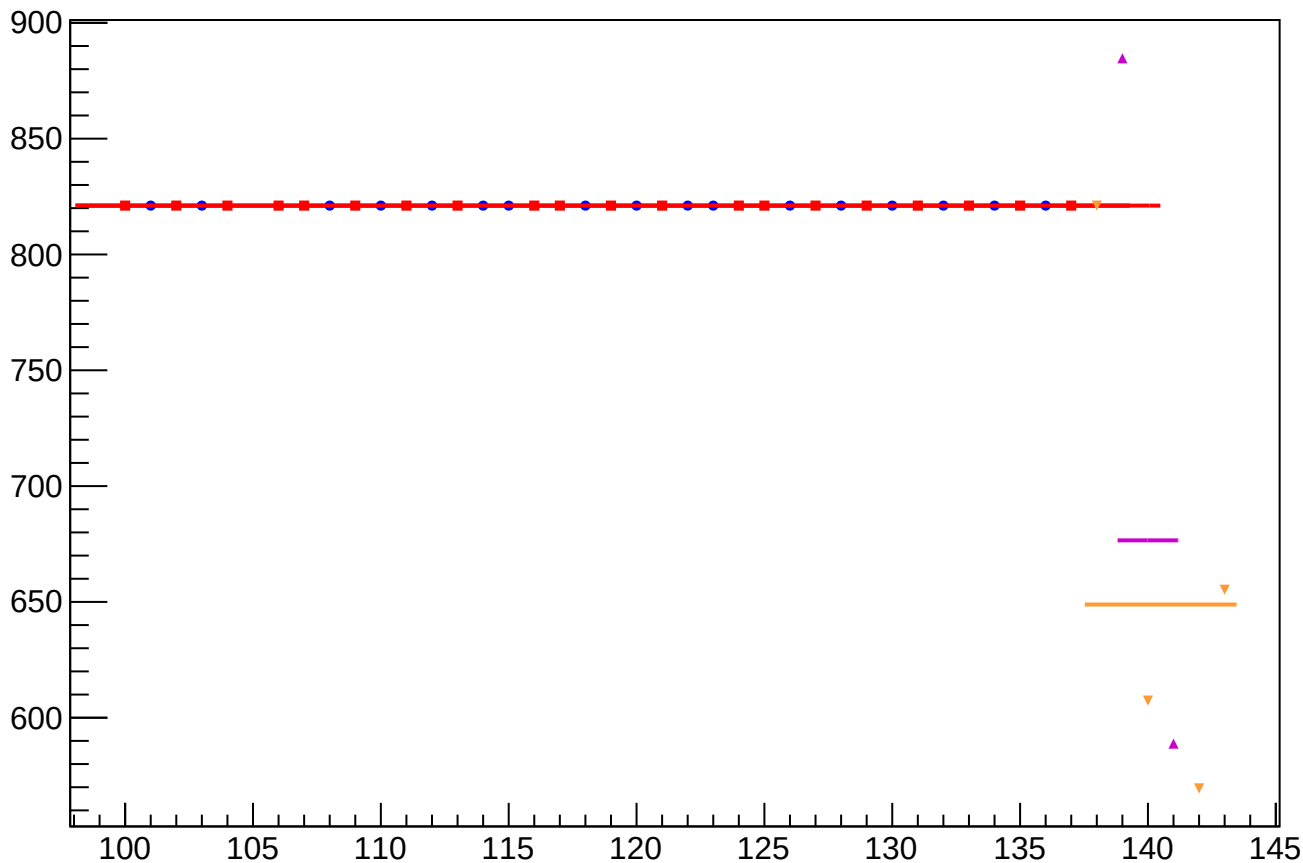
Right Out: 208.161 $\pm$ 216.568 χ^2 /NDF: 0.0/19

Left In: -441.824 $\pm$ 539.862 χ^2 /NDF:1.6/1

-4.171 $\pm$ 203.353 χ^2 /NDF: 14.2/20

118.061 $\pm$ 200.998 χ^2 /NDF: 2.8/21

asym_sam_37_avg_correction_rms vs Slug



Right In: 821.097+/-0.166 χ^2/NDF : 0.0/16

Left Out: 648.873+/-0.287 χ^2/NDF : 87345.2/3

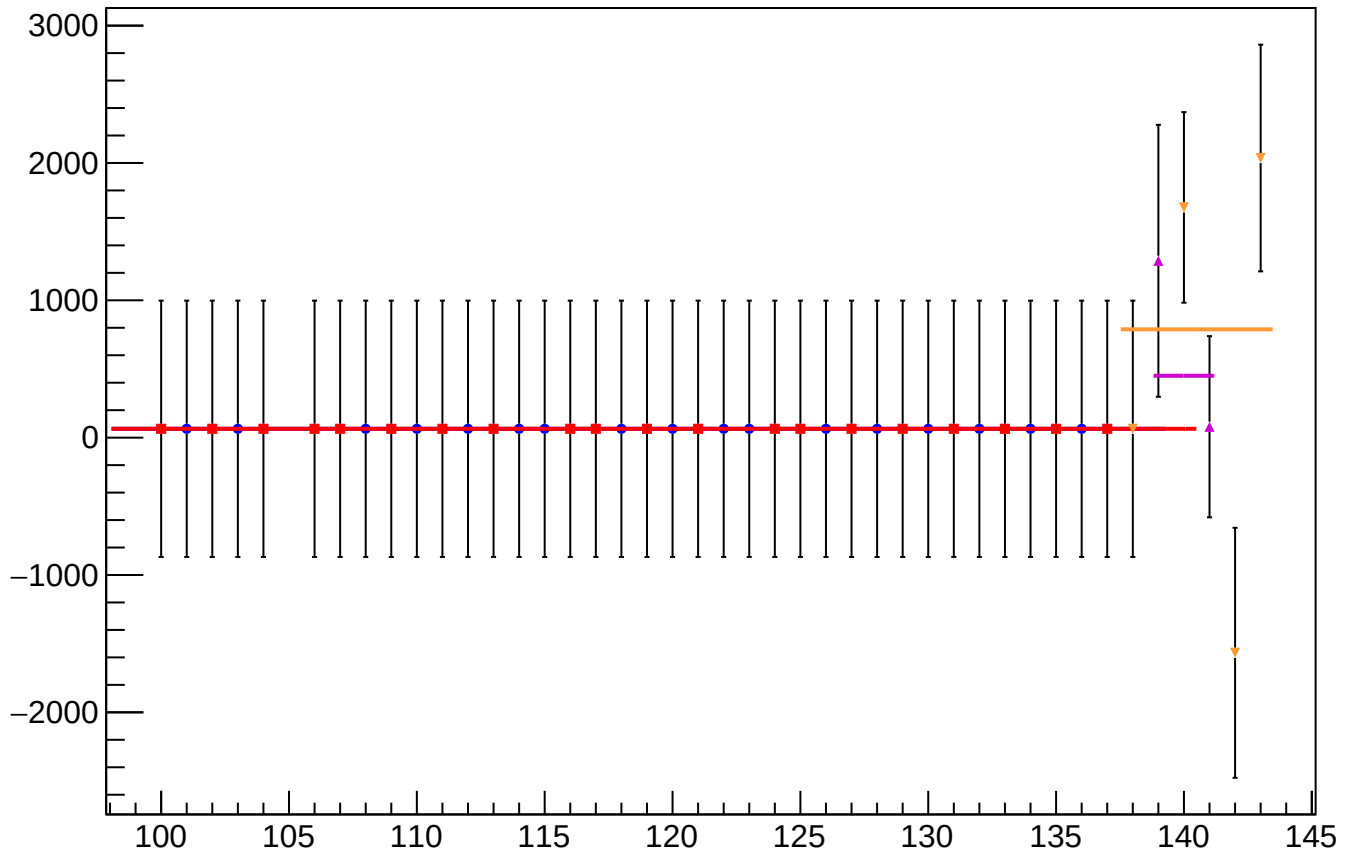
Right Out: 821.097+/-0.153 χ^2/NDF : 0.0/19

Left In: 676.572+/-0.382 χ^2/NDF : 125326.8/1

777.943+/-0.144 χ^2/NDF : 356731.1/20

801.063+/-0.142 χ^2/NDF : 248791.6/21

asym_sam_37_avg_mean vs Slug



Right In: 64.417+/-226.336 χ^2/NDF : 0.0/16

Left Out: 788.594+/-411.692 χ^2/NDF : 11.2/3

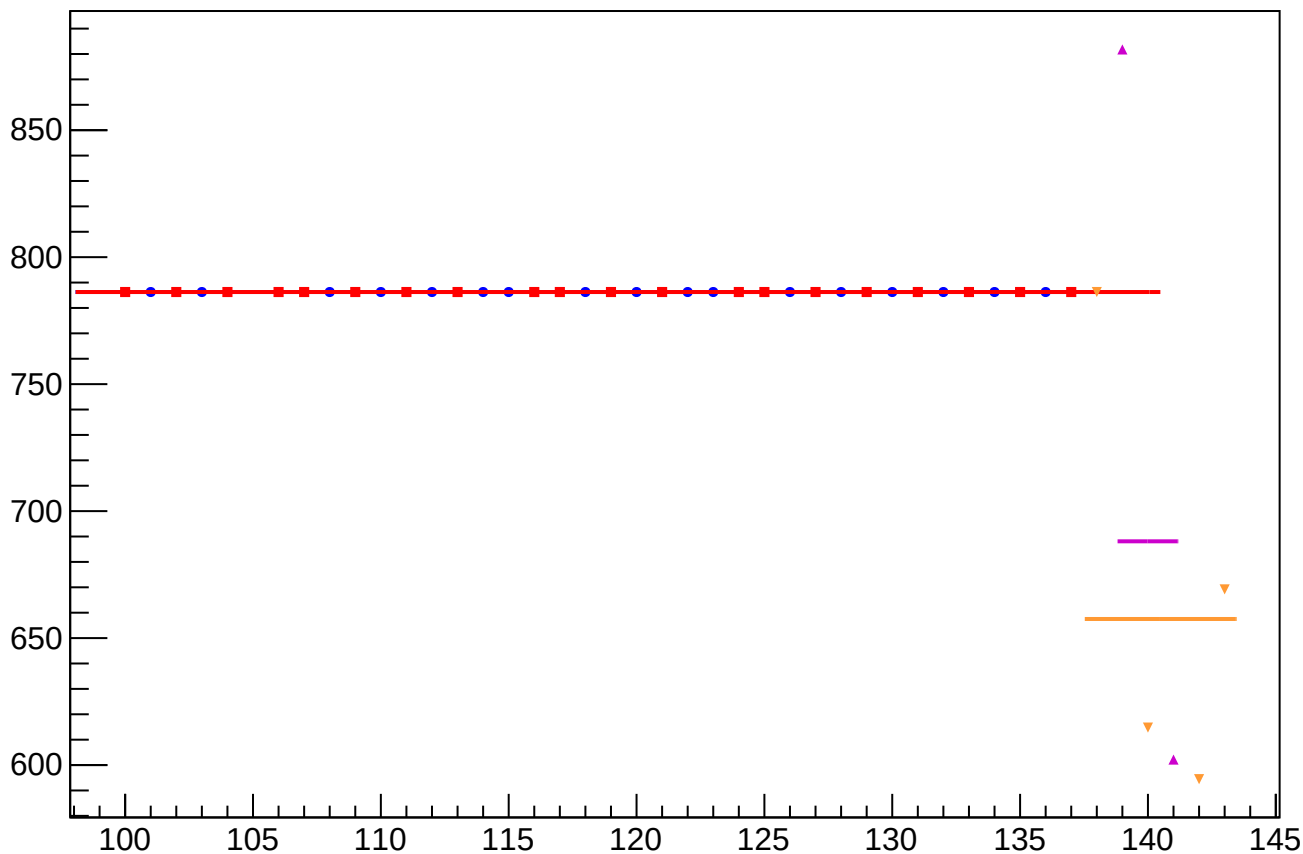
Right Out: 64.417+/-208.671 χ^2/NDF : 0.0/19

Left In: 450.741+/-548.907 χ^2/NDF : 1.0/1

232.496+/-198.338 χ^2/NDF : 13.6/20

113.198+/-195.052 χ^2/NDF : 1.5/21

asym_sam_37_avg_rms vs Slug



Right In: 786.276+/-0.160 χ^2/NDF : 0.0/16

Left Out: 657.527+/-0.291 χ^2/NDF : 55668.0/3

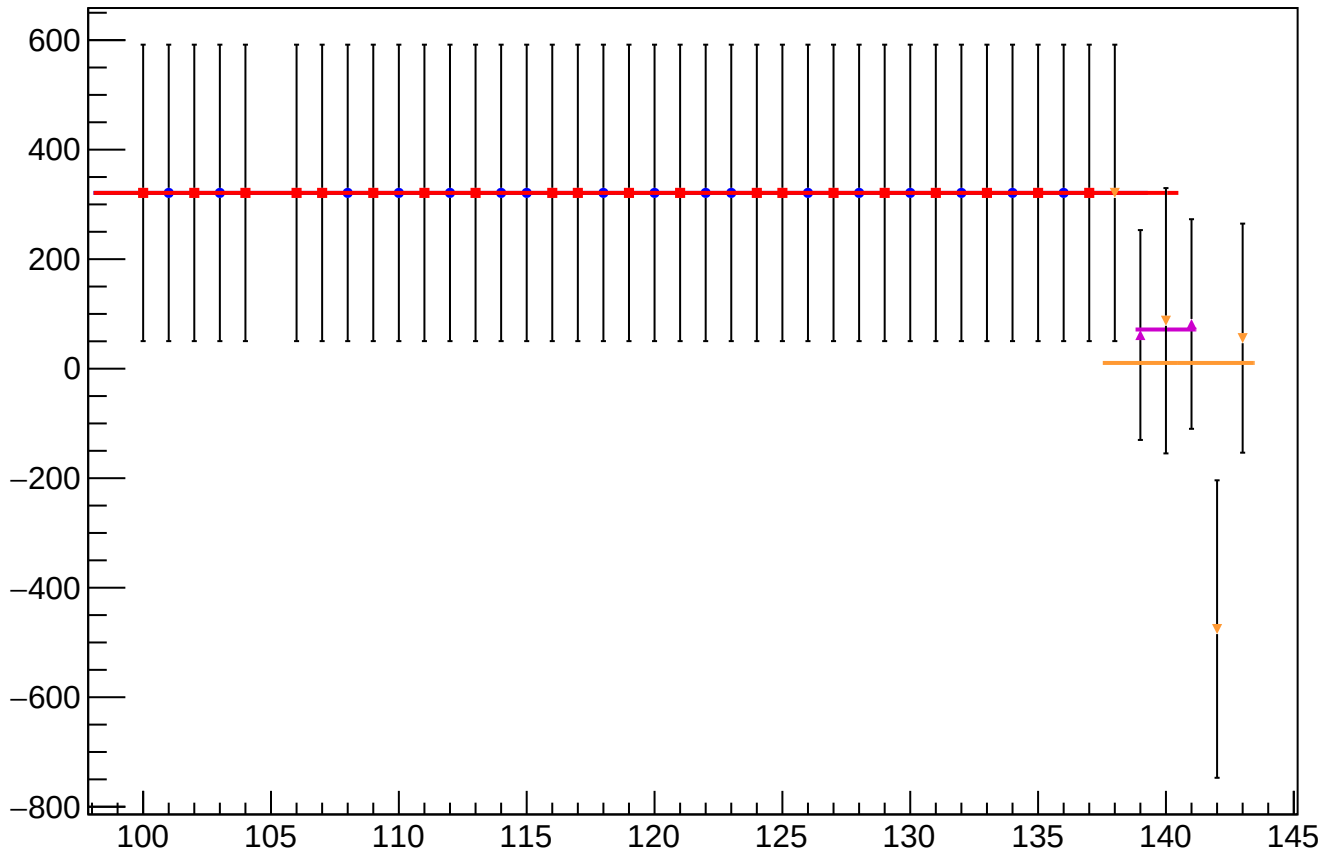
Right Out: 786.276+/-0.148 χ^2/NDF : 0.0/19

Left In: 688.107+/-0.388 χ^2/NDF : 110495.6/1

756.394+/-0.140 χ^2/NDF : 205869.8/20

773.880+/-0.138 χ^2/NDF : 166387.6/21

dit_asym_sam_48_avg_mean vs Slug



Right In: 321.021+/-65.653 χ^2/NDF : 0.0/16

Left Out: 10.481+/-122.086 χ^2/NDF :4.7/3

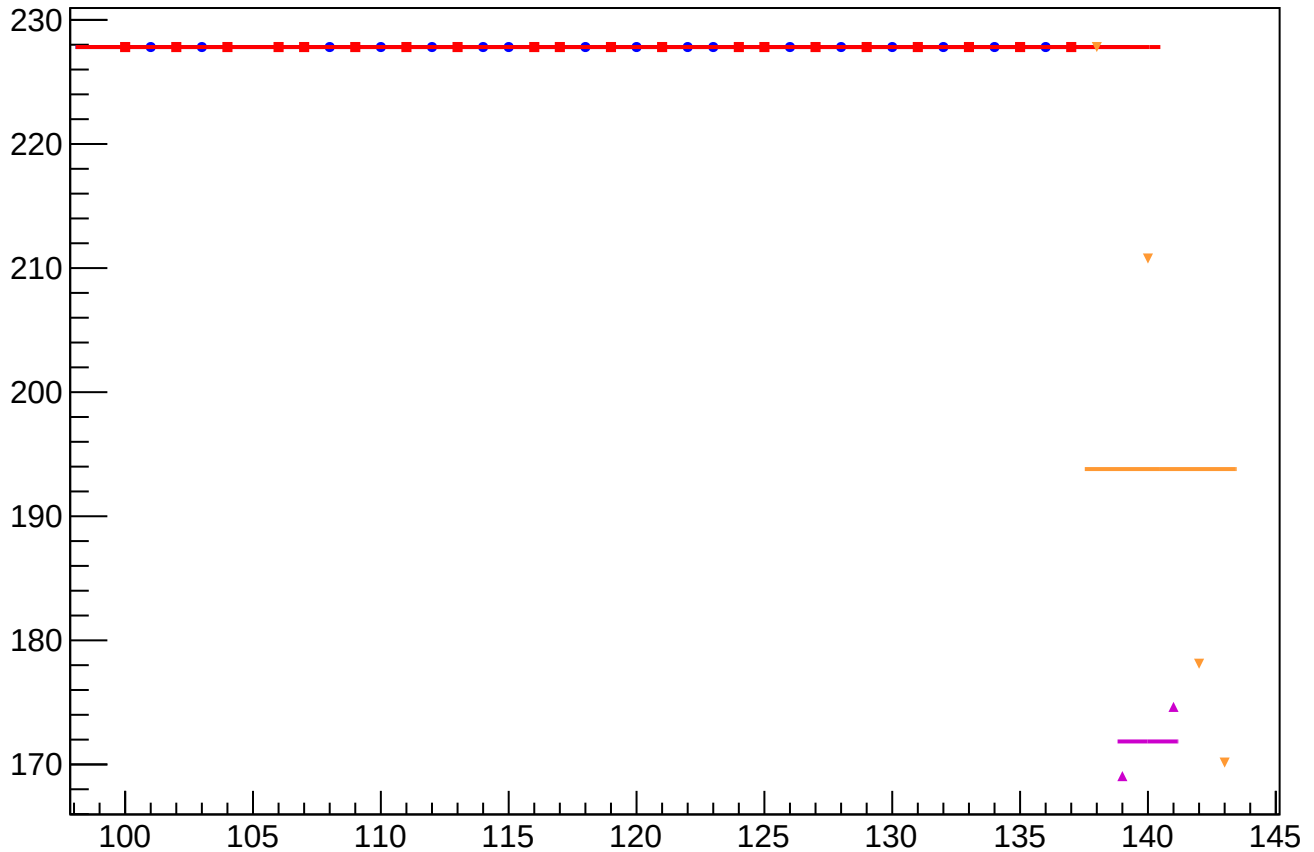
Right Out: 321.021+/-60.529 χ^2/NDF : 0.0/19

Left In: 71.537+/-135.423 χ^2/NDF :0.0/1

251.362+/-57.822 χ^2/NDF : 9.7/20

279.479+/-55.260 χ^2/NDF : 2.8/21

dit_asym_sam_48_avg_rms vs Slug



Right In: 227.813 $\pm$ 0.046 χ^2 /NDF: 0.0/16

Left Out: 193.804 $\pm$ 0.086 χ^2 /NDF: 73625.4/3

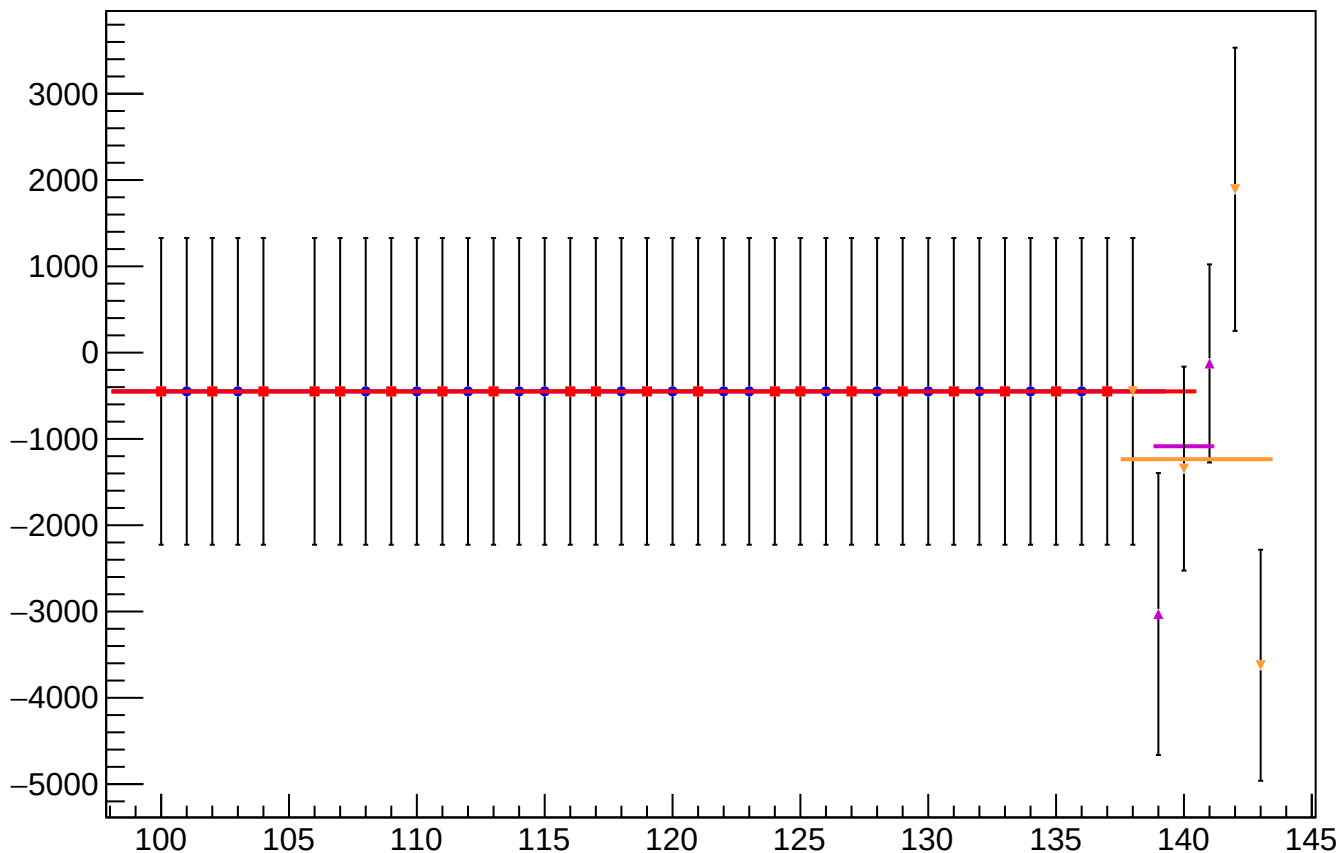
Right Out: 227.813 $\pm$ 0.043 χ^2 /NDF: 0.0/19

Left In: 171.852 $\pm$ 0.096 χ^2 /NDF: 848.8/1

220.184 $\pm$ 0.041 χ^2 /NDF: 194011.5/20

218.495 $\pm$ 0.039 χ^2 /NDF: 285499.4/21

asym_sam_48_avg_correction_mean vs Slug



Right In: -449.122+/-431.025 χ^2/NDF : 0.0/16

Left Out: -1234.947+/-713.896 χ^2/NDF : 7.0/3

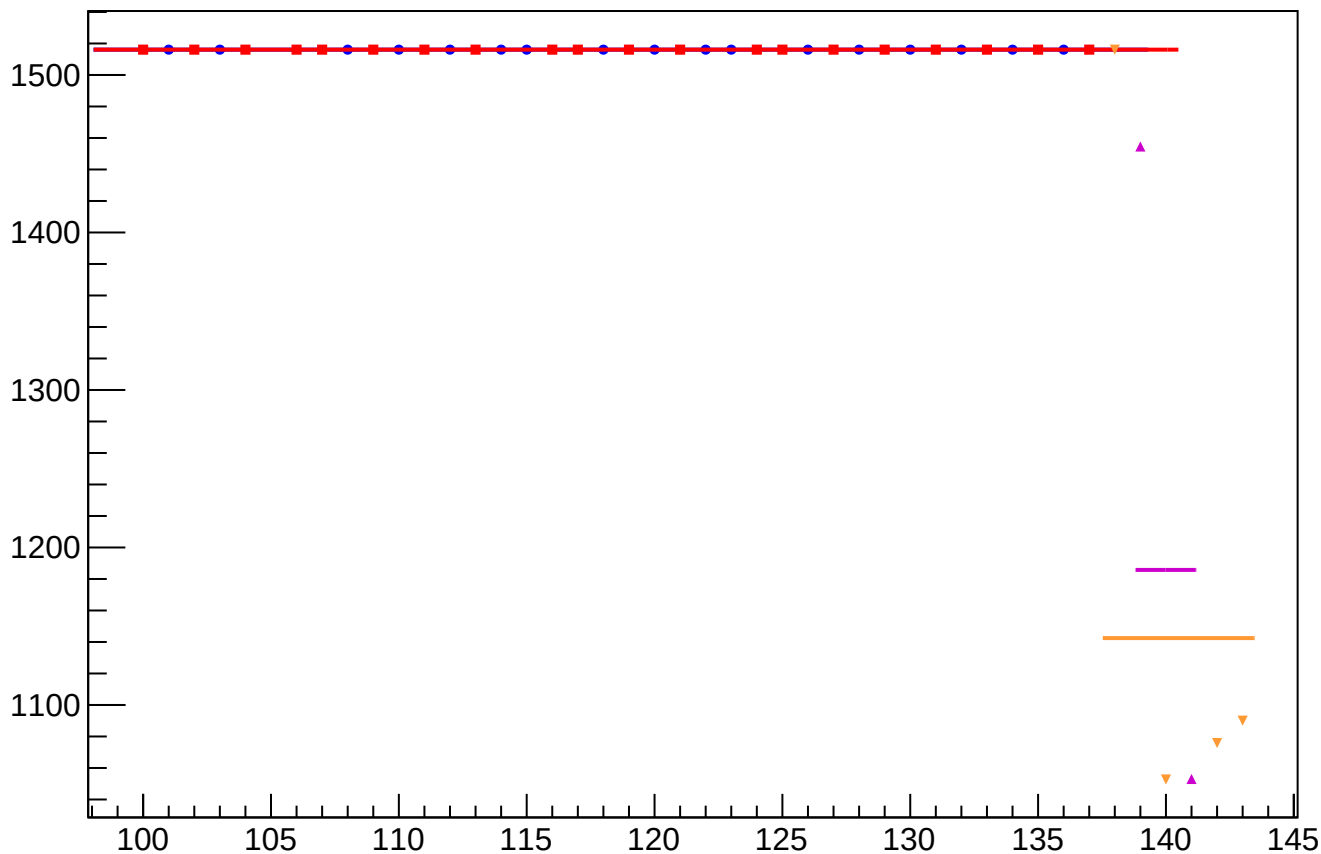
Right Out: -449.122+/-397.385 χ^2/NDF : 0.0/19

Left In: -1084.986+/-939.125 χ^2/NDF : 2.1/1

-659.053+/-368.986 χ^2/NDF : 7.9/20

-545.685+/-365.970 χ^2/NDF : 2.5/21

asym sam 48 avg correction rms vs Slug



Right In: 1516.083+/-0.305 χ^2/NDF : 0.0/16

Left Out: 1142.473 $\pm$ 0.505 χ^2 /NDF:106301.0/3

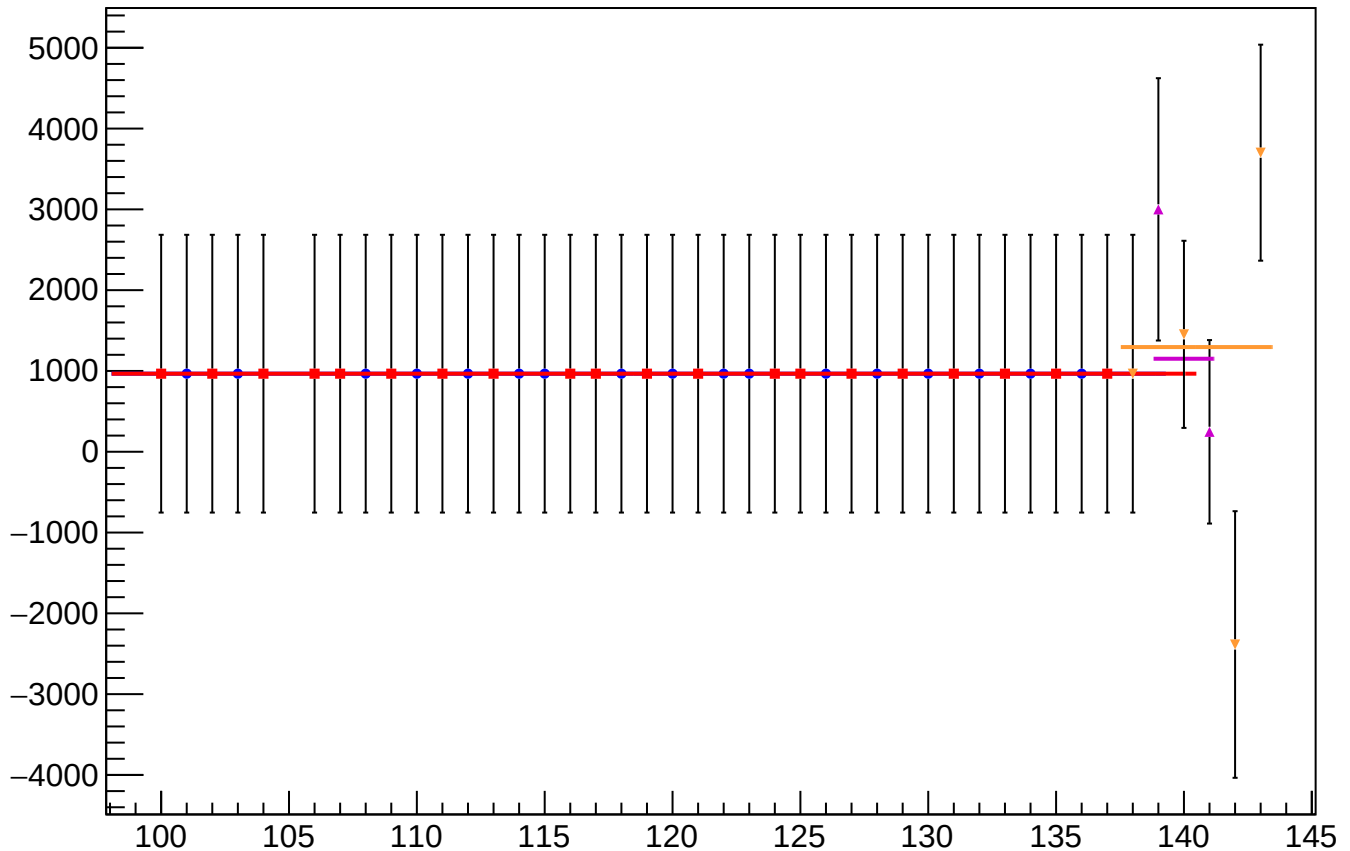
Right Out: 1516.083+/-0.281 χ^2/NDF : 0.0/19

Left In: 1185.758+/-0.664 χ^2/NDF :80918.9/1

1416.274+/-0.261 χ^2/NDF : 507733.5/20

1465.920+/-0.259 χ^2/NDF : 290780.1/21

asym_sam_48_avg_mean vs Slug



Right In: 966.214 $\pm$ 416.909 χ^2 /NDF: 0.0/16

Left Out: 1295.728 $\pm$ 705.139 χ^2 /NDF:8.3/3

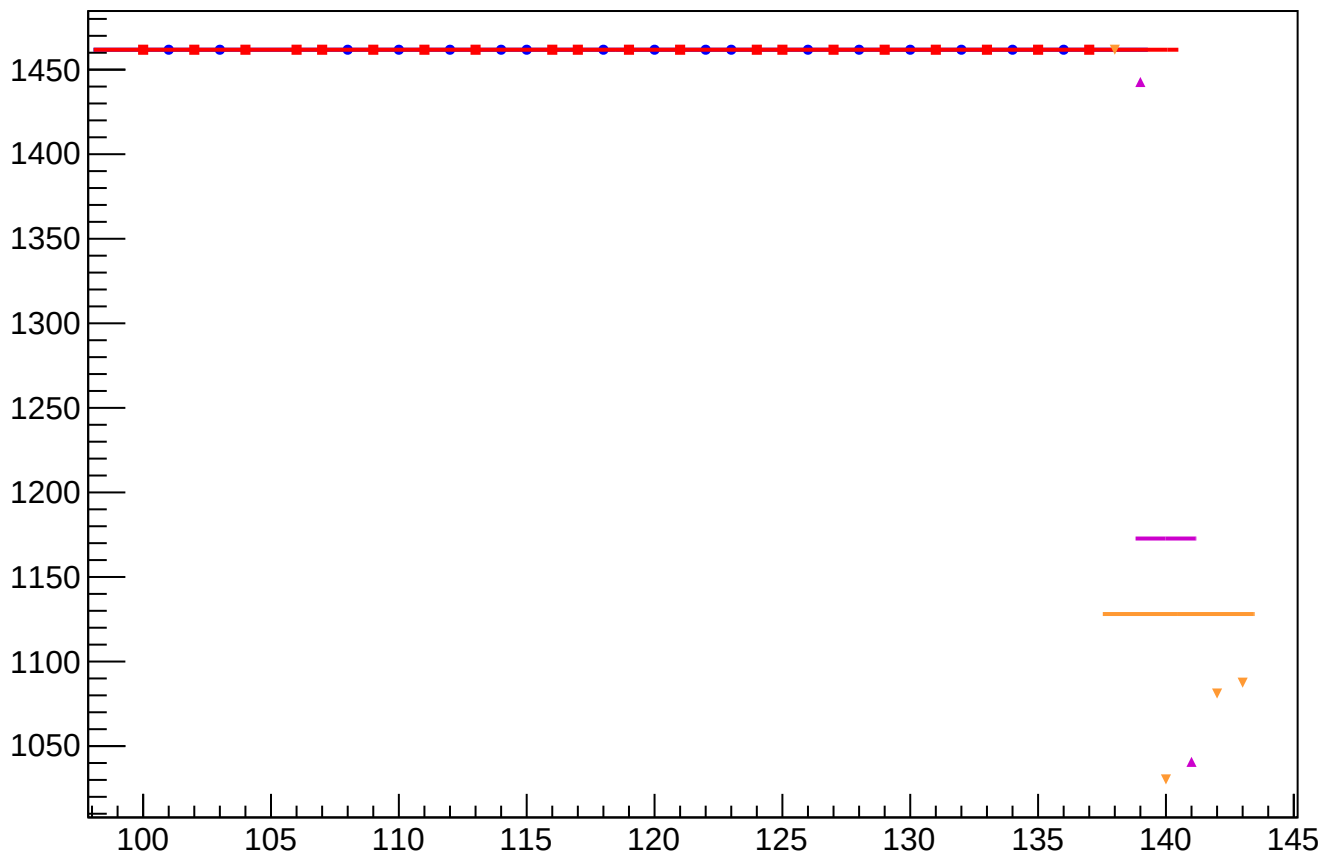
Right Out: 966.214 $\pm$ 384.371 χ^2 /NDF: 0.0/19

Left In: 1151.168 $\pm$ 930.461 χ^2 /NDF:1.9/1

1051.566 $\pm$ 358.876 χ^2 /NDF: 8.4/20

993.176 $\pm$ 355.253 χ^2 /NDF: 2.0/21

asym_sam_48_avg_rms vs Slug



Right In: 1461.780 +/- 0.295 χ^2/NDF : 0.0/16

Left Out: 1128.098 +/- 0.499 χ^2/NDF : 93099.4/3

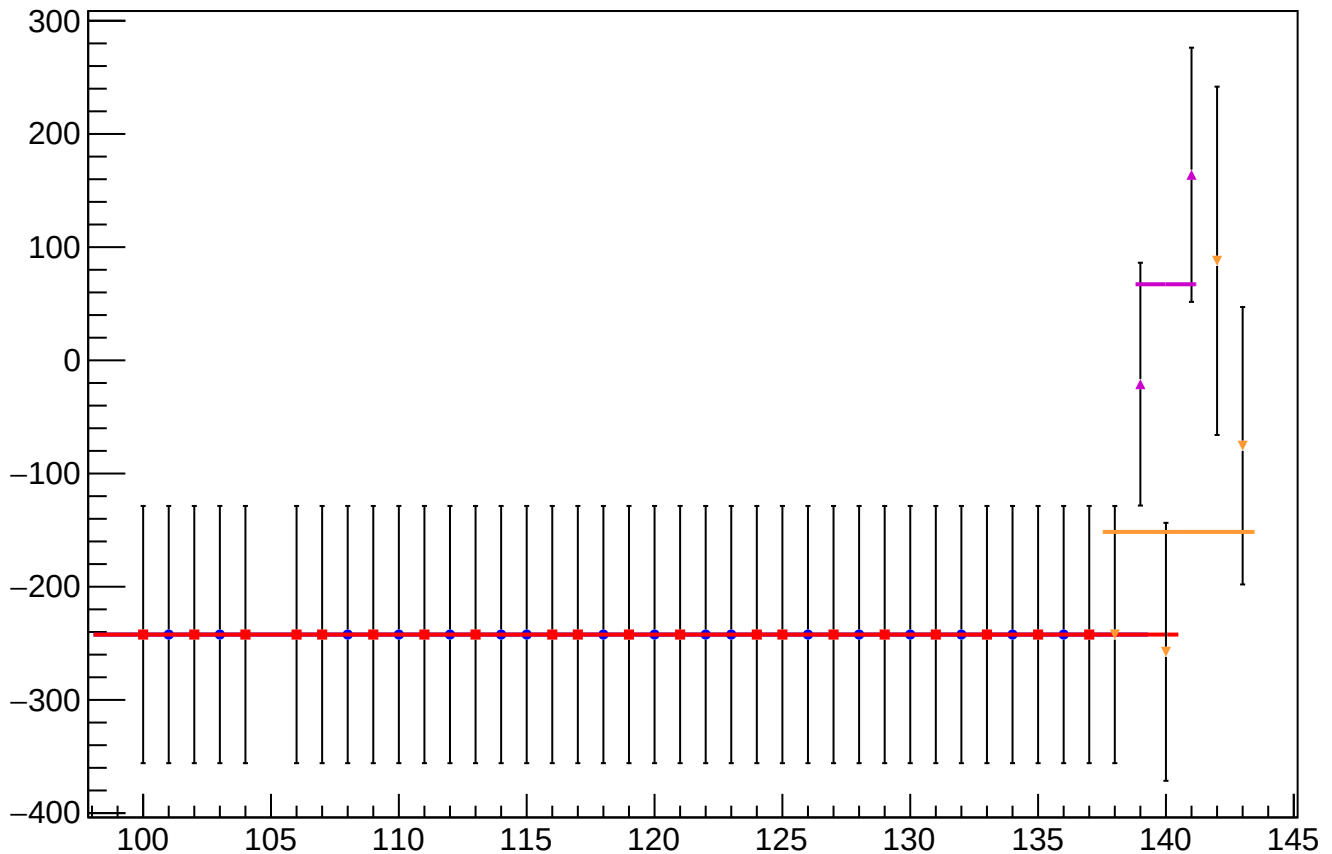
Right Out: 1461.780 +/- 0.272 χ^2/NDF : 0.0/19

Left In: 1172.744 +/- 0.658 χ^2/NDF : 82357.7/1

1375.349 +/- 0.254 χ^2/NDF : 424957.0/20

1419.647 +/- 0.251 χ^2/NDF : 247216.7/21

dit_asym_sam_15_dd_mean vs Slug



Right In: -242.262 $\pm$ 27.558 χ^2/NDF : 0.0/16

Left Out: -151.570 $\pm$ 61.628 χ^2/NDF : 4.3/3

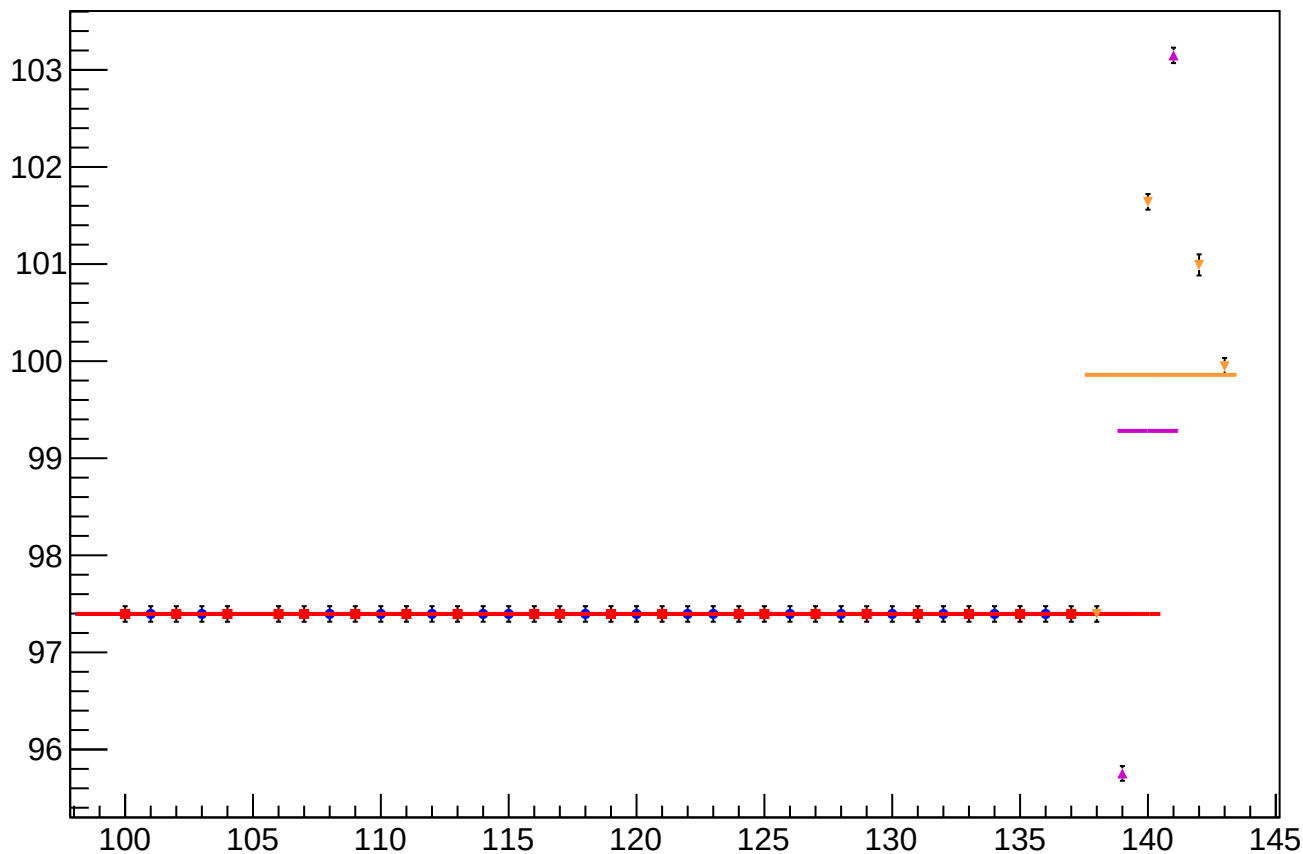
Right Out: -242.262 $\pm$ 25.407 χ^2/NDF : 0.0/19

Left In: 67.213 $\pm$ 77.560 χ^2/NDF : 1.4/1

-227.149 $\pm$ 25.157 χ^2/NDF : 6.1/20

-212.270 $\pm$ 24.145 χ^2/NDF : 15.8/21

dit_asym_sam_15_dd_rms vs Slug



Right In: 97.396+/-0.019 χ^2 /NDF: 0.0/16

Left Out: 99.859+/-0.044 χ^2 /NDF:1538.3/3

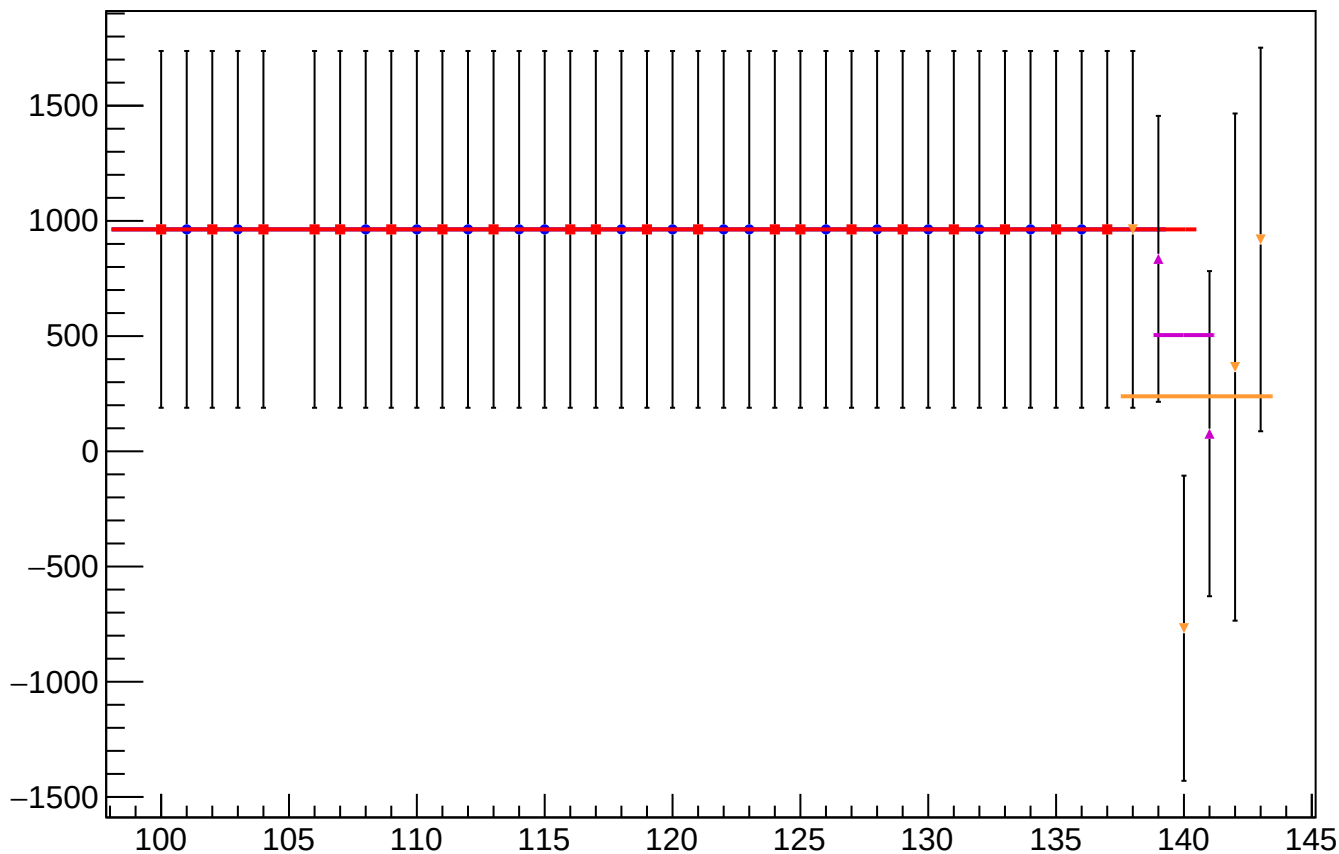
Right Out: 97.396+/-0.018 χ^2 /NDF: 0.0/19

Left In: 99.282+/-0.055 χ^2 /NDF:4537.6/1

97.806+/-0.018 χ^2 /NDF: 4201.3/20

97.579+/-0.017 χ^2 /NDF: 5605.3/21

asym_sam_15_dd_correction_mean vs Slug



Right In: 963.150+/-187.765 χ^2/NDF : 0.0/16

Left Out: 238.759 ± 401.011 $\chi^2/\text{NDF}: 3.9/3$

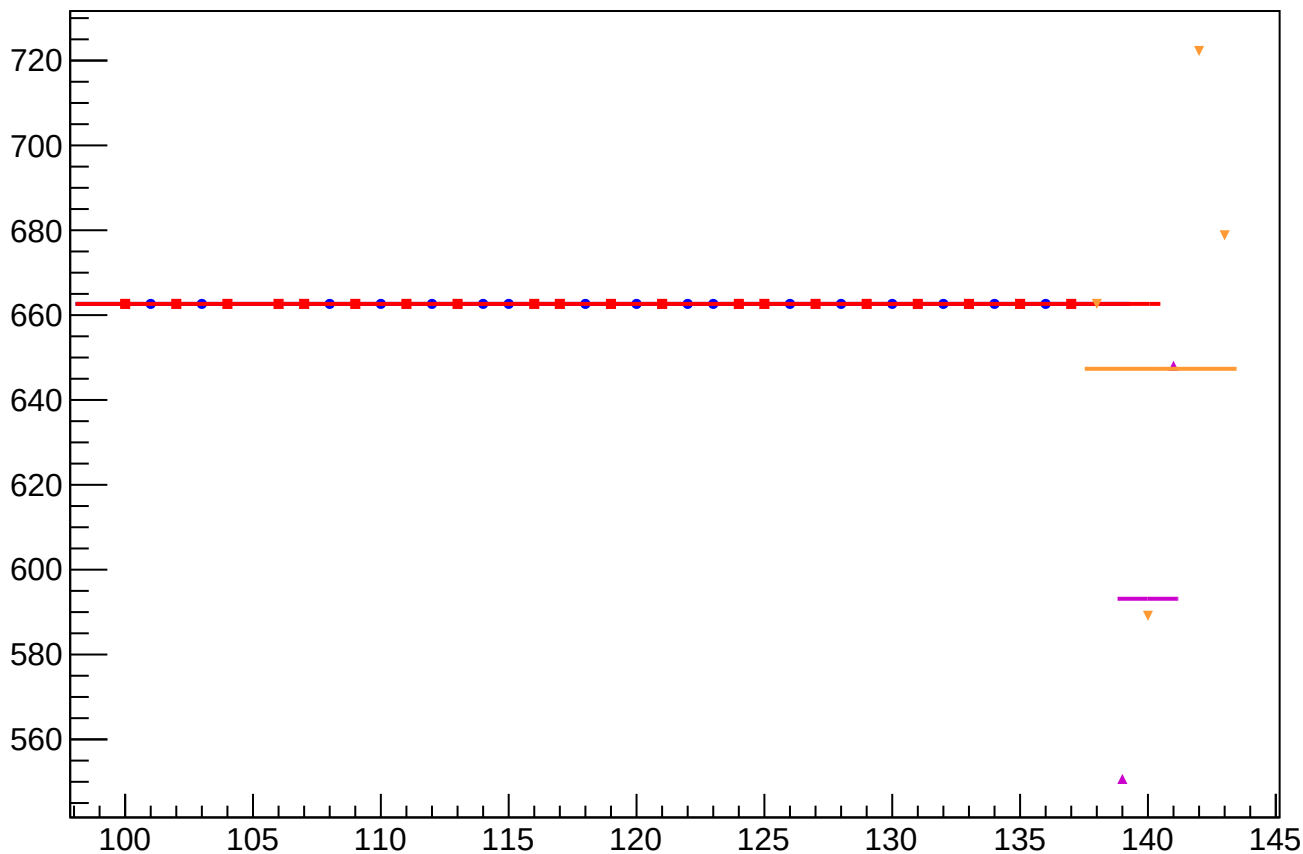
Right Out: 963.150+/-173.110 χ^2/NDF : 0.0/19

Left In: 504.431+/-465.904 χ^2/NDF :0.7/1

832.893+/-170.047 χ^2/NDF : 6.5/20

907.503+/-162.271 χ^2/NDF : 1.5/21

asym_sam_15_dd_correction_rms vs Slug



Right In: 662.643 $\pm$ 0.133 χ^2 /NDF: 0.0/16

Left Out: 647.346 $\pm$ 0.284 χ^2 /NDF:28361.4/3

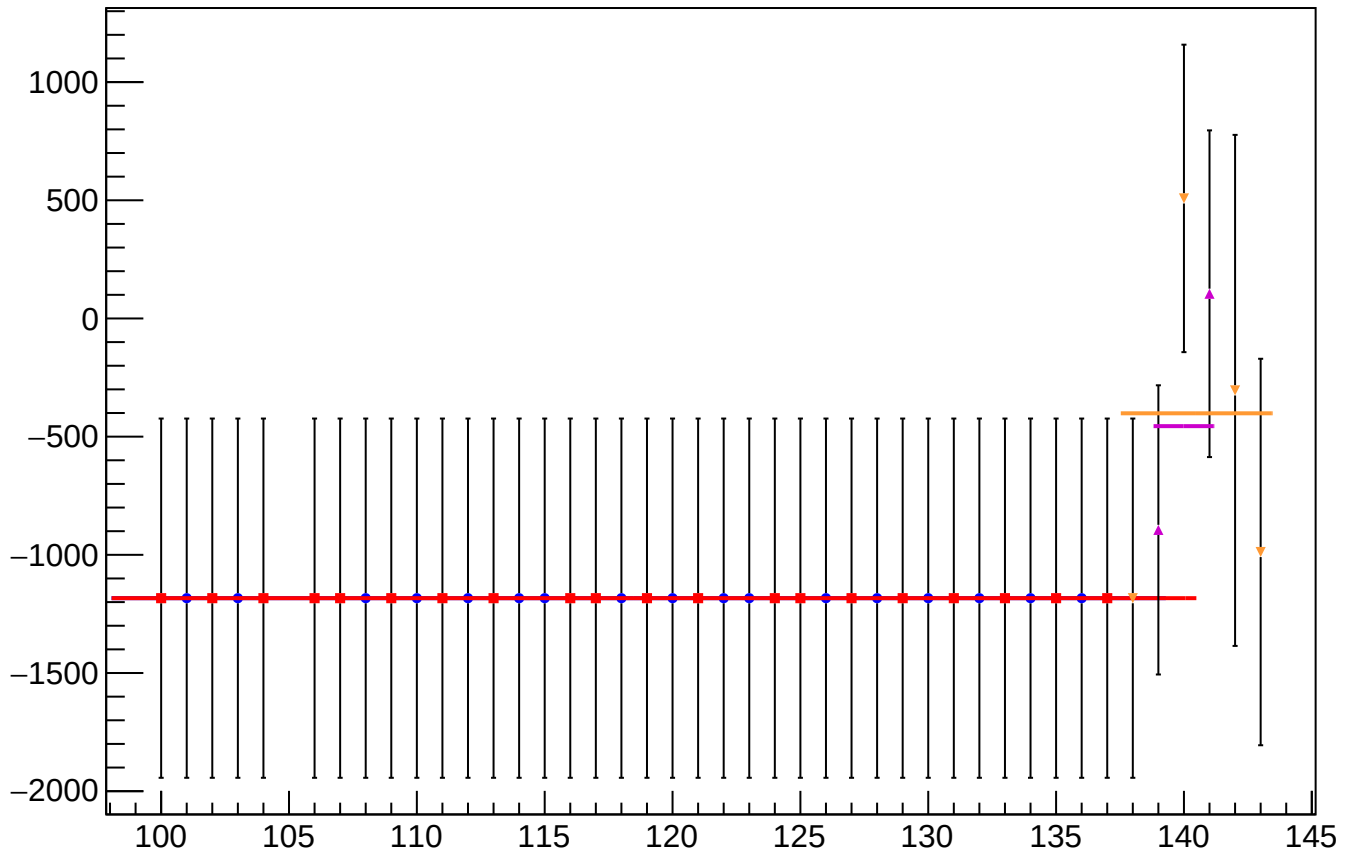
Right Out: 662.643 $\pm$ 0.122 χ^2 /NDF: 0.0/19

Left In: 593.146 $\pm$ 0.329 χ^2 /NDF:21488.5/1

659.892 $\pm$ 0.120 χ^2 /NDF: 30748.3/20

654.212 $\pm$ 0.115 χ^2 /NDF: 60591.3/21

asym_sam_15_dd_mean vs Slug



Right In: -1183.379 $\pm$ 184.317 χ^2/NDF : 0.0/16

Left Out: -401.275 $\pm$ 393.841 χ^2/NDF : 3.5/3

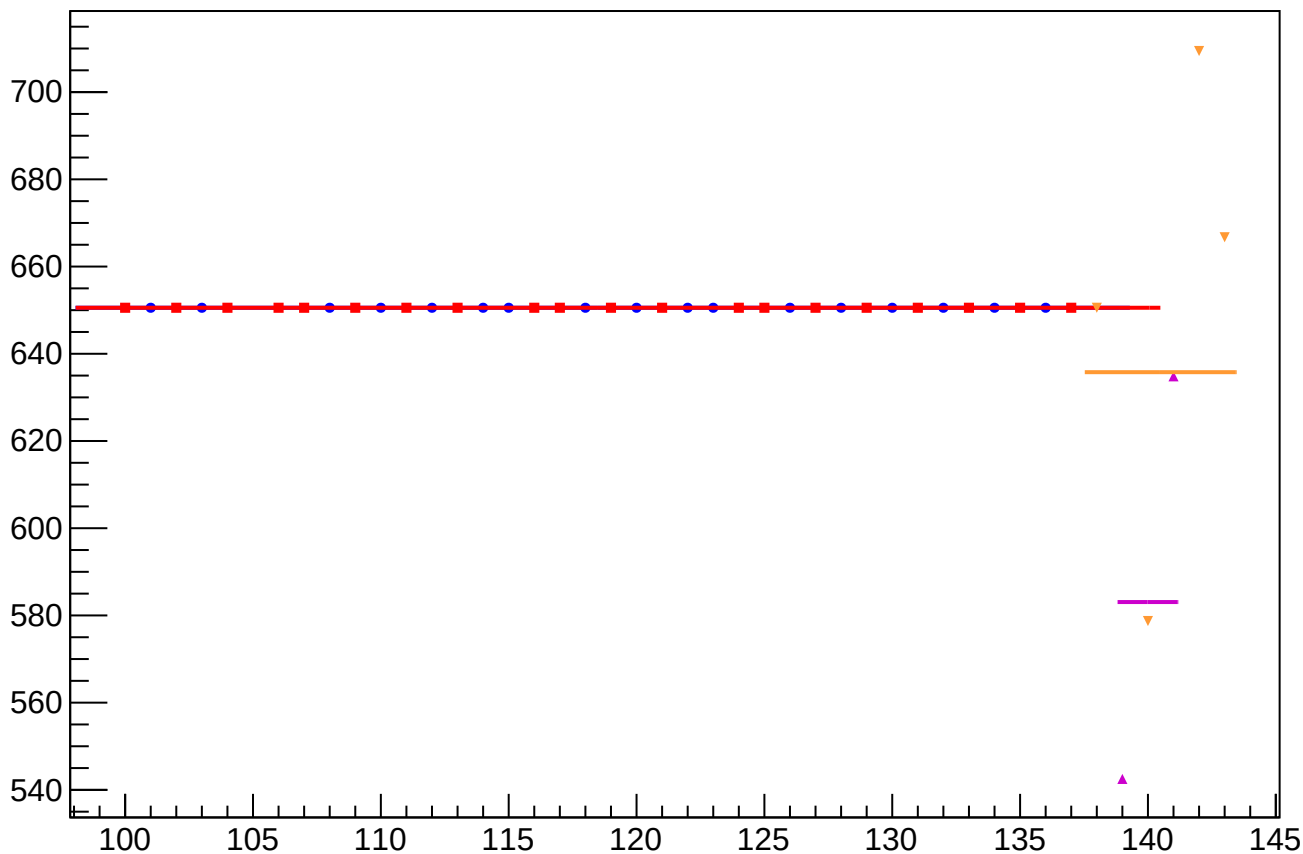
Right Out: -1183.379 $\pm$ 169.932 χ^2/NDF : 0.0/19

Left In: -455.557 $\pm$ 458.078 χ^2/NDF : 1.2/1

-1042.858 $\pm$ 166.940 χ^2/NDF : 6.8/20

-1095.335 $\pm$ 159.323 χ^2/NDF : 3.4/21

asym_sam_15_dd_rms vs Slug



Right In: 650.553 ± 0.130 χ^2/NDF : 0.0/16

Left Out: 635.780 ± 0.278 χ^2/NDF : 28294.3/3

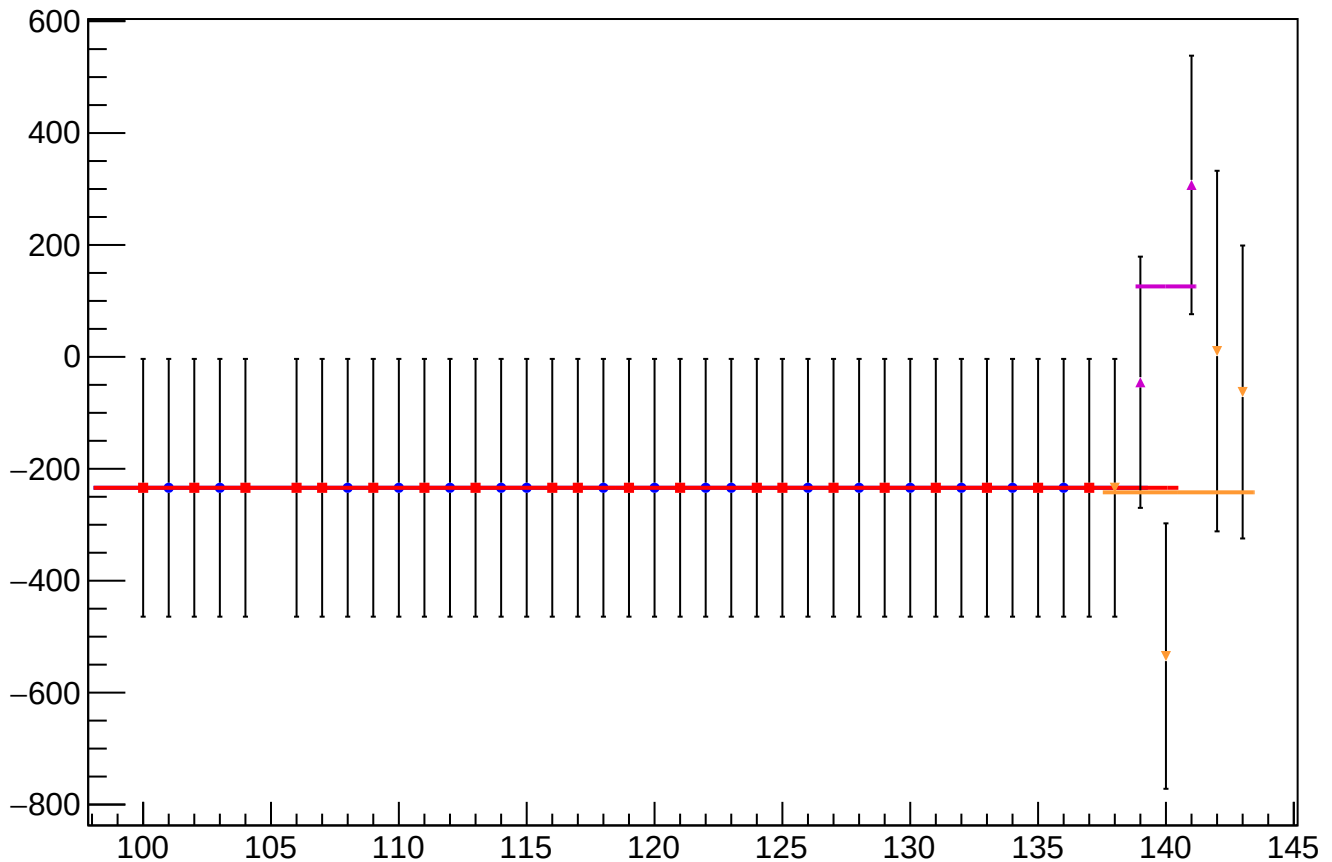
Right Out: 650.553 ± 0.120 χ^2/NDF : 0.0/19

Left In: 583.070 ± 0.324 χ^2/NDF : 20007.9/1

647.899 ± 0.118 χ^2/NDF : 30602.6/20

642.390 ± 0.113 χ^2/NDF : 58162.1/21

dit_asym_sam_26_dd_mean vs Slug



Right In: -233.951 $\pm$ 55.862 χ^2/NDF : 0.0/16

Left Out: -242.062 $\pm$ 128.190 χ^2/NDF : 2.6/3

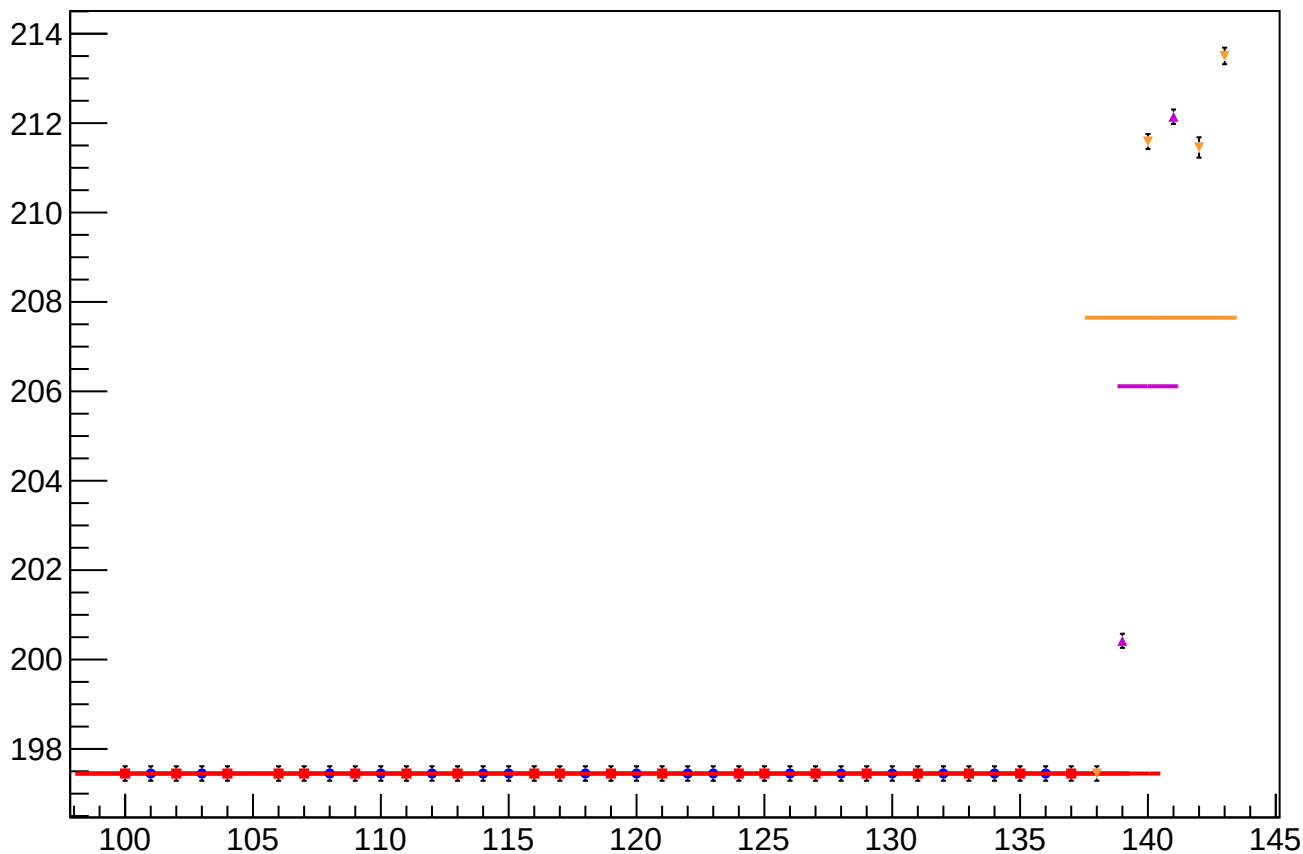
Right Out: -233.951 $\pm$ 51.502 χ^2/NDF : 0.0/19

Left In: 125.919 $\pm$ 160.980 χ^2/NDF : 1.2/1

-235.245 $\pm$ 51.211 χ^2/NDF : 2.6/20

-200.537 $\pm$ 49.053 χ^2/NDF : 5.7/21

dit_asym_sam_26_dd_rms vs Slug



Right In: 197.450+/-0.040 χ^2/NDF : 0.0/16

Left Out: 207.647+/-0.091 χ^2/NDF : 5752.4/3

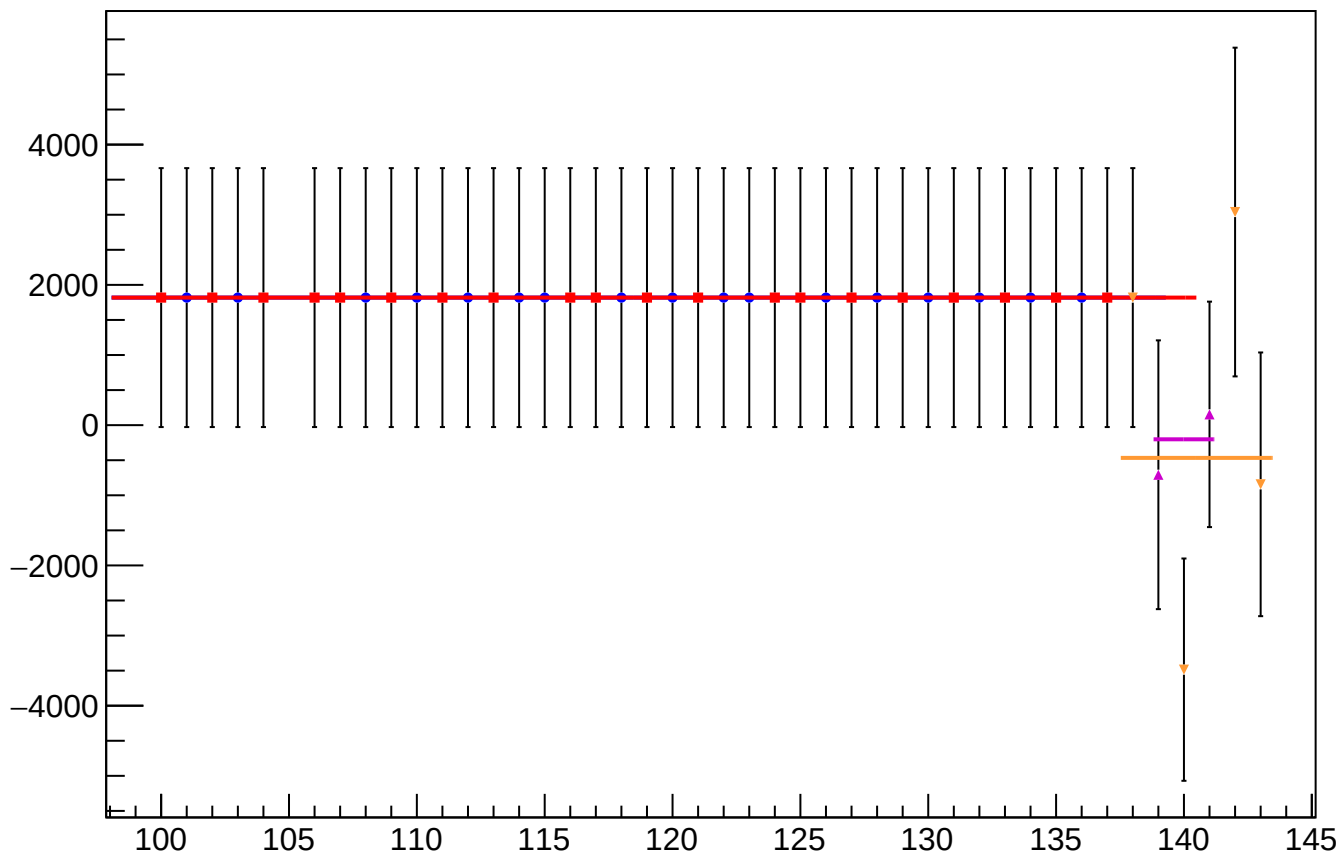
Right Out: 197.450+/-0.036 χ^2/NDF : 0.0/19

Left In: 206.113+/-0.114 χ^2/NDF : 2649.7/1

199.078+/-0.036 χ^2/NDF : 16387.1/20

198.255+/-0.035 χ^2/NDF : 7903.7/21

asym_sam_26_dd_correction_mean vs Slug



Right In: 1818.659 $\pm$ 447.705 χ^2 /NDF: 0.0/16

Left Out: -466.674 $\pm$ 929.772 χ^2 /NDF:7.4/3

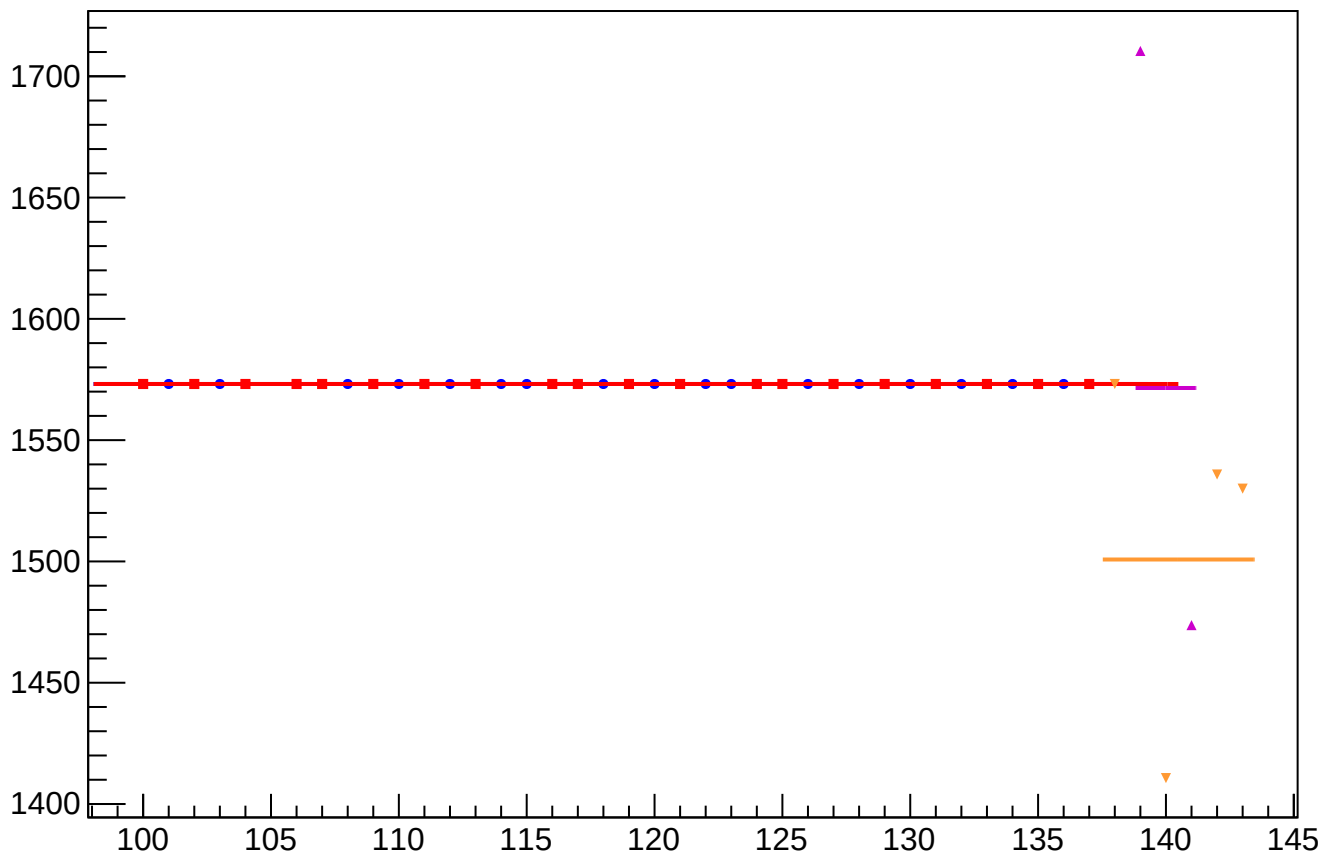
Right Out: 1818.659 $\pm$ 412.763 χ^2 /NDF: 0.0/19

Left In: -201.814 $\pm$ 1231.408 χ^2 /NDF:0.1/1

1388.511 $\pm$ 403.376 χ^2 /NDF: 12.3/20

1614.576 $\pm$ 391.362 χ^2 /NDF: 2.5/21

asym_sam_26_dd_correction_rms vs Slug



Right In: 1573.153+/-0.317 χ^2/NDF : 0.0/16

Left Out: 1500.796+/-0.657 χ^2/NDF : 10469.4/3

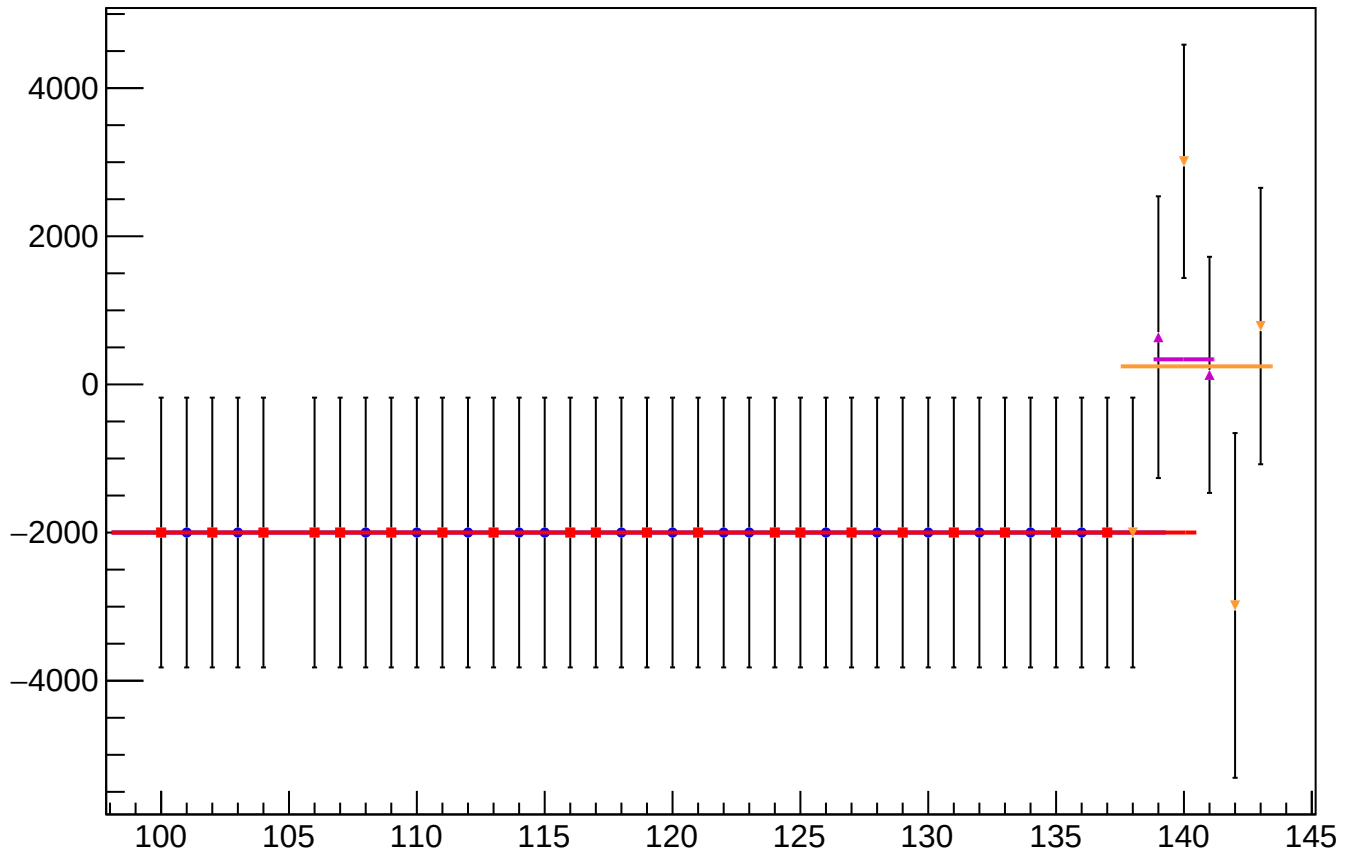
Right Out: 1573.153+/-0.292 χ^2/NDF : 0.0/19

Left In: 1571.502+/-0.871 χ^2/NDF : 17914.3/1

1559.534+/-0.285 χ^2/NDF : 20302.2/20

1572.987+/-0.277 χ^2/NDF : 17917.5/21

asym_sam_26_dd_mean vs Slug



Right In: -1999.222 ± 441.641 χ^2/NDF : 0.0/16

Left Out: 243.772 ± 921.837 χ^2/NDF : 6.6/3

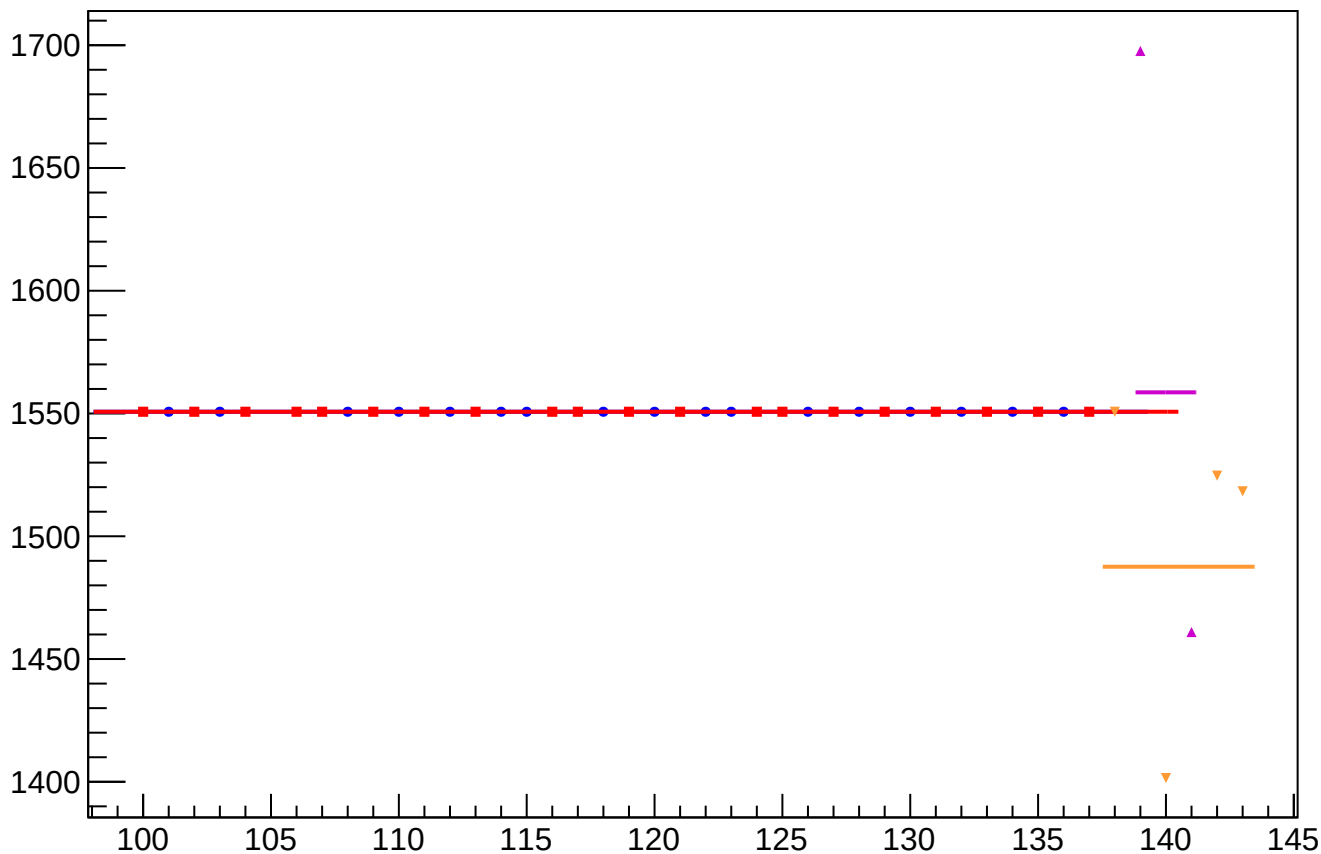
Right Out: -1999.222 ± 407.173 χ^2/NDF : 0.0/19

Left In: 338.883 ± 1221.461 χ^2/NDF : 0.0/1

-1580.505 ± 398.291 χ^2/NDF : 11.4/20

-1765.392 ± 386.276 χ^2/NDF : 3.3/21

asym_sam_26_dd_rms vs Slug



Right In: 1550.714+/-0.312 χ^2/NDF : 0.0/16

Left Out: 1487.595+/-0.652 χ^2/NDF : 9428.7/3

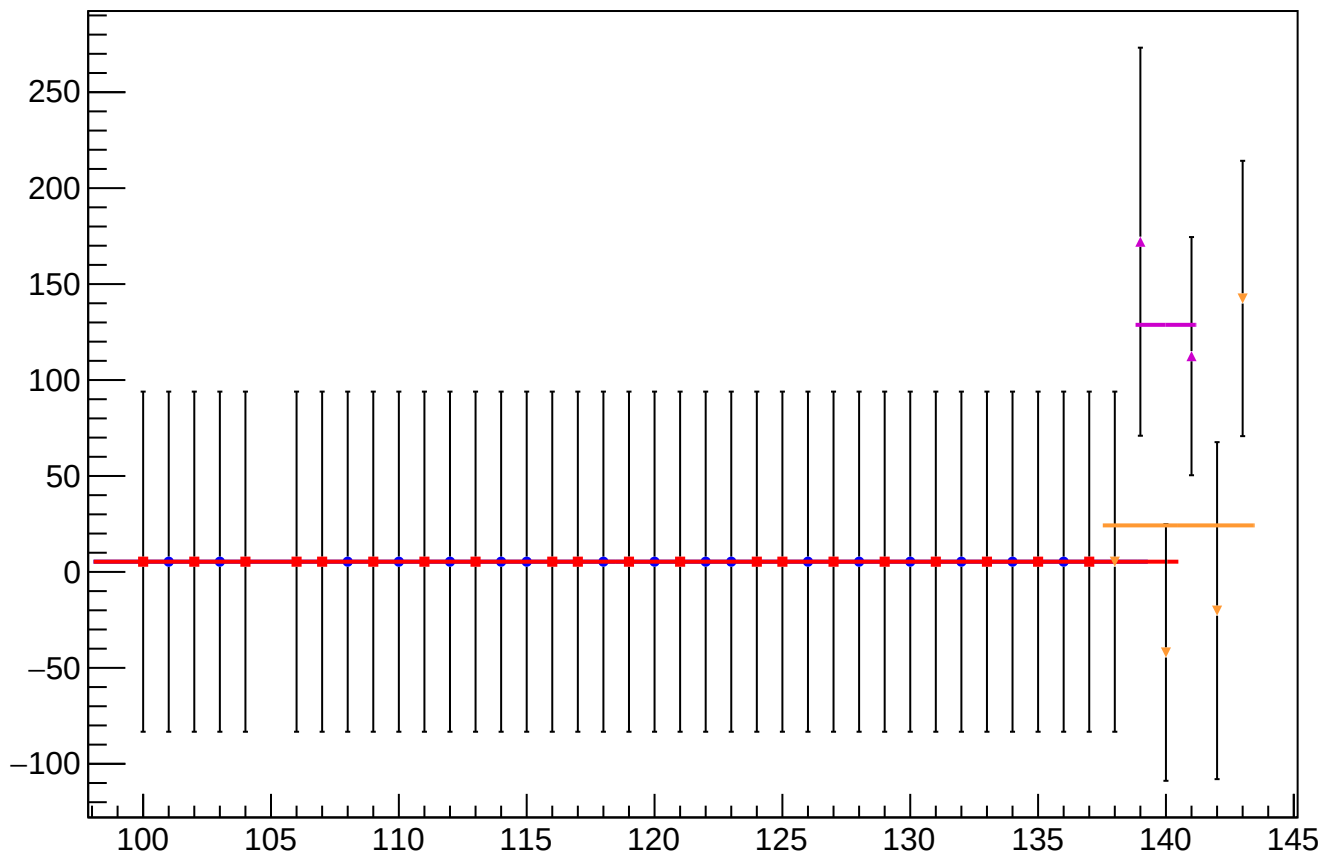
Right Out: 1550.714+/-0.288 χ^2/NDF : 0.0/19

Left In: 1558.617+/-0.864 χ^2/NDF : 18196.7/1

1538.931+/-0.282 χ^2/NDF : 17054.9/20

1551.505+/-0.273 χ^2/NDF : 18272.1/21

dit_asym_sam_37_dd_mean vs Slug



Right In: 5.337 $\pm$ 21.495 χ^2 /NDF: 0.0/16

Left Out: 24.246 $\pm$ 38.492 χ^2 /NDF: 4.0/3

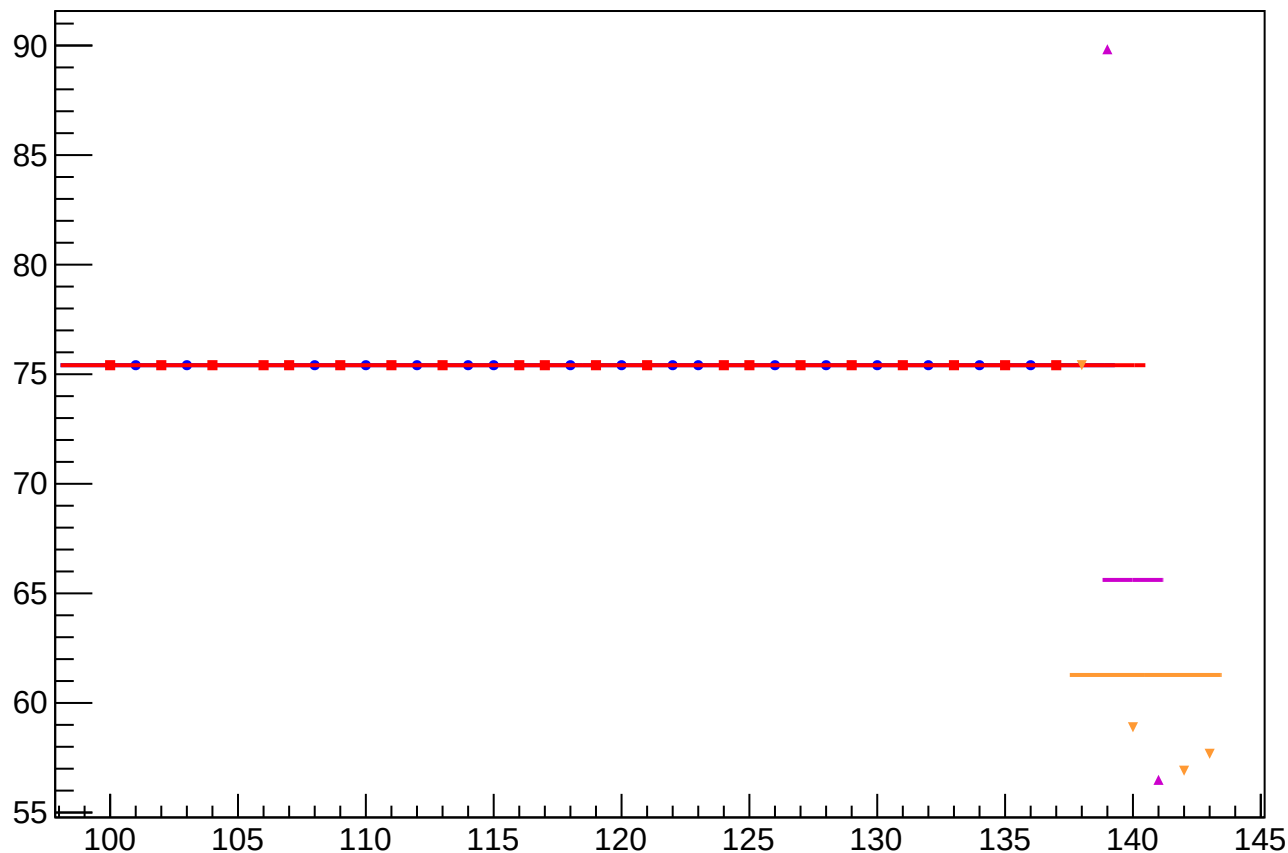
Right Out: 5.337 $\pm$ 19.817 χ^2 /NDF: 0.0/19

Left In: 128.764 $\pm$ 52.895 χ^2 /NDF: 0.3/1

9.832 $\pm$ 18.767 χ^2 /NDF: 4.2/20

20.530 $\pm$ 18.558 χ^2 /NDF: 5.0/21

dit_asym_sam_37_dd_rms vs Slug



Right In: 75.412+/-0.015 χ^2/NDF : 0.0/16

Left Out: 61.277+/-0.027 χ^2/NDF : 63398.3/3

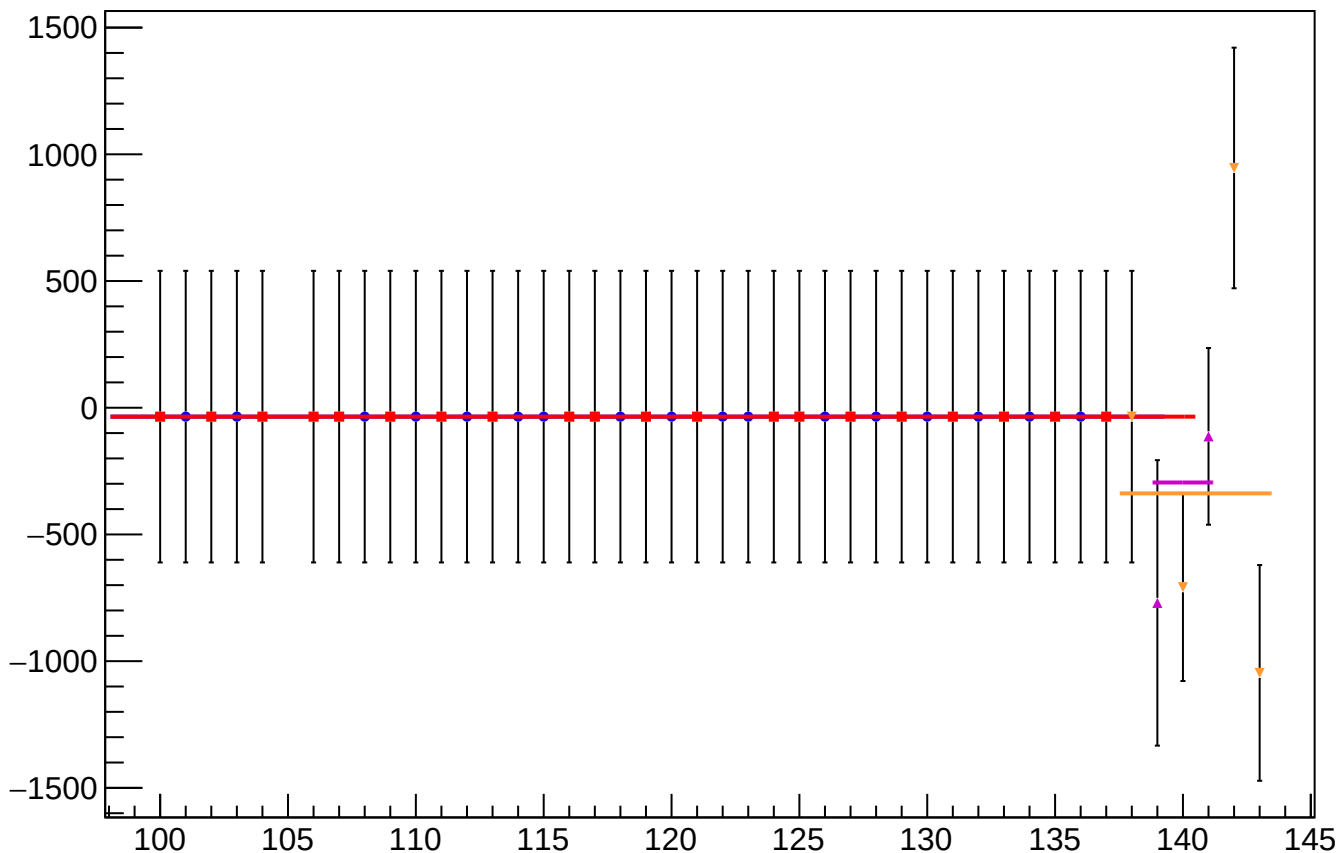
Right Out: 75.412+/-0.014 χ^2/NDF : 0.0/19

Left In: 65.614+/-0.037 χ^2/NDF : 157914.3/1

72.052+/-0.013 χ^2/NDF : 268964.5/20

74.206+/-0.013 χ^2/NDF : 218086.0/21

asym_sam_37_dd_correction_mean vs Slug



Right In: -35.152 $\pm$ 139.538 χ^2 /NDF: 0.0/16

Left Out: -337.918 $\pm$ 222.062 χ^2 /NDF:11.4/3

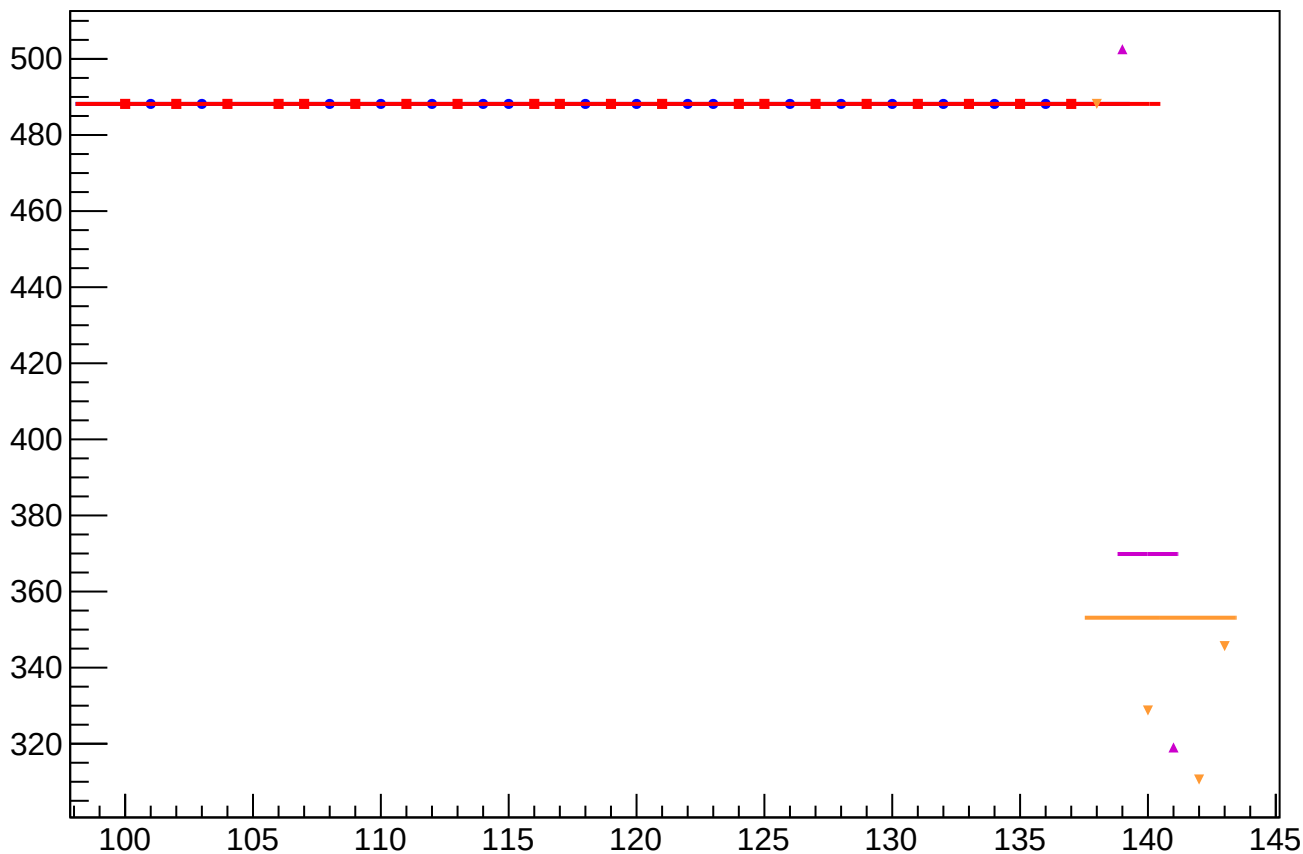
Right Out: -35.152 $\pm$ 128.648 χ^2 /NDF: 0.0/19

Left In: -294.981 $\pm$ 296.464 χ^2 /NDF:1.0/1

-120.858 $\pm$ 118.148 χ^2 /NDF: 12.7/20

-76.326 $\pm$ 118.015 χ^2 /NDF: 1.6/21

asym_sam_37_dd_correction_rms vs Slug



Right In: 488.174 $\pm$ 0.099 χ^2 /NDF: 0.0/16

Left Out: 353.122 $\pm$ 0.157 χ^2 /NDF:135557.9/3

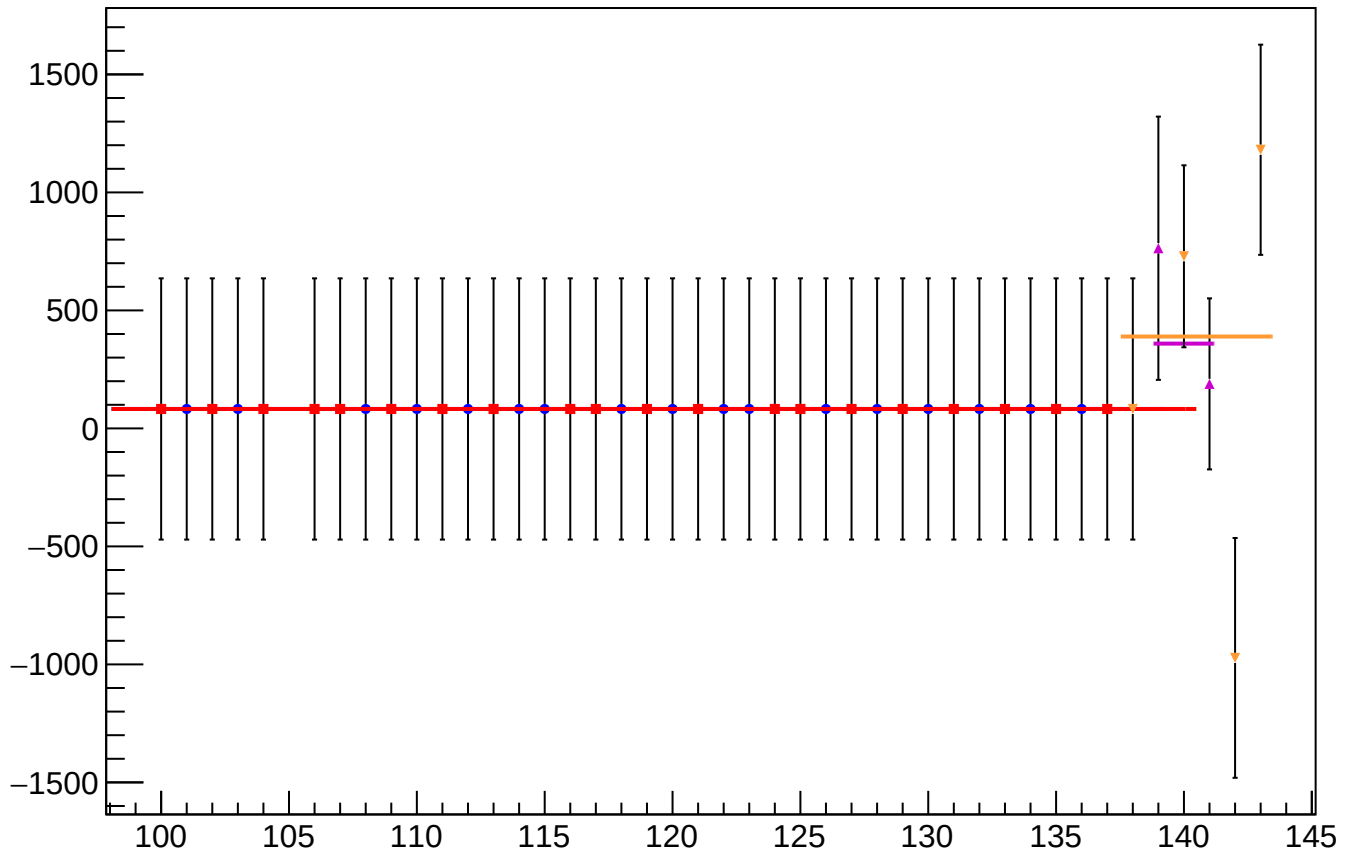
Right Out: 488.174 $\pm$ 0.091 χ^2 /NDF: 0.0/19

Left In: 369.869 $\pm$ 0.210 χ^2 /NDF:153523.4/1

449.943 $\pm$ 0.084 χ^2 /NDF: 665898.0/20

469.427 $\pm$ 0.083 χ^2 /NDF: 421542.5/21

asym_sam_37_dd_mean vs Slug



Right In: 82.340 $\pm$ 134.241 χ^2 /NDF: 0.0/16

Left Out: 389.314 $\pm$ 229.984 χ^2 /NDF:11.4/3

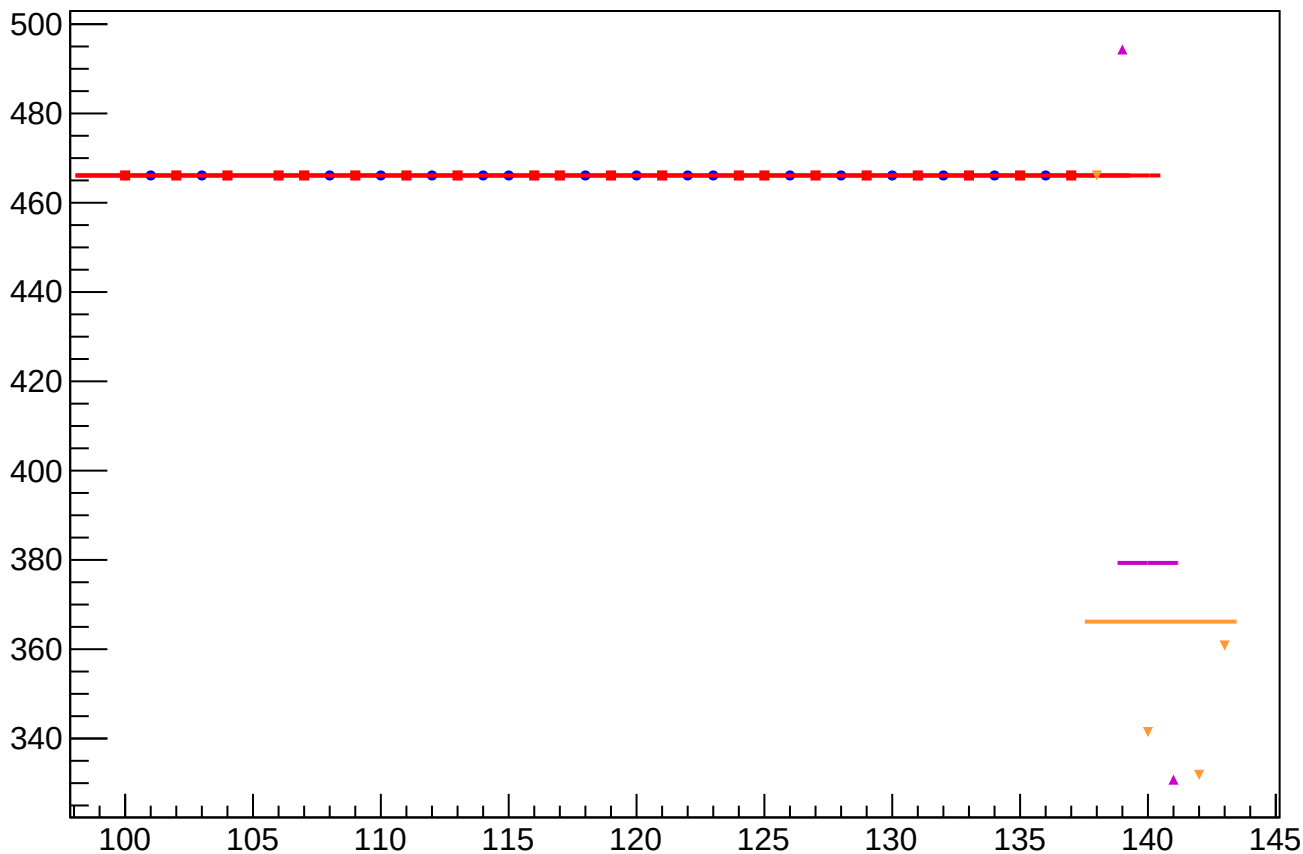
Right Out: 82.340 $\pm$ 123.764 χ^2 /NDF: 0.0/19

Left In: 359.246 $\pm$ 303.878 χ^2 /NDF:0.7/1

160.349 $\pm$ 115.936 χ^2 /NDF: 12.8/20

121.738 $\pm$ 114.622 χ^2 /NDF: 1.5/21

asym_sam_37_dd_rms vs Slug



Right In: 466.112 $\pm$ 0.095 χ^2 /NDF: 0.0/16

Left Out: 366.172 $\pm$ 0.163 χ^2 /NDF: 82847.2/3

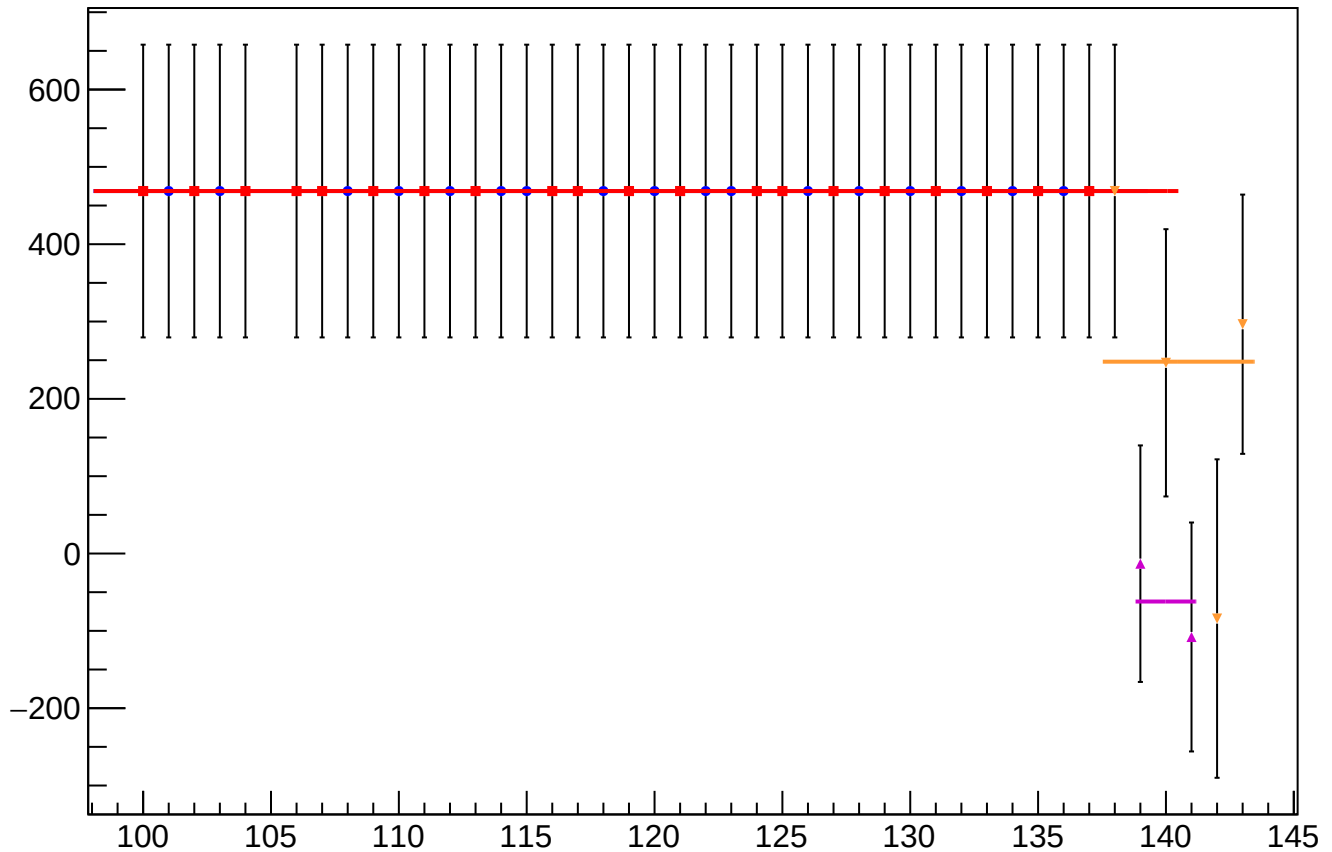
Right Out: 466.112 $\pm$ 0.088 χ^2 /NDF: 0.0/19

Left In: 379.331 $\pm$ 0.215 χ^2 /NDF: 120931.7/1

440.715 $\pm$ 0.082 χ^2 /NDF: 364539.8/20

453.765 $\pm$ 0.081 χ^2 /NDF: 260835.0/21

dit_asym_sam_48_dd_mean vs Slug



Right In: 468.736 $\pm$ 45.908 χ^2 /NDF: 0.0/16

Left Out: 248.078 $\pm$ 91.072 χ^2 /NDF:4.0/3

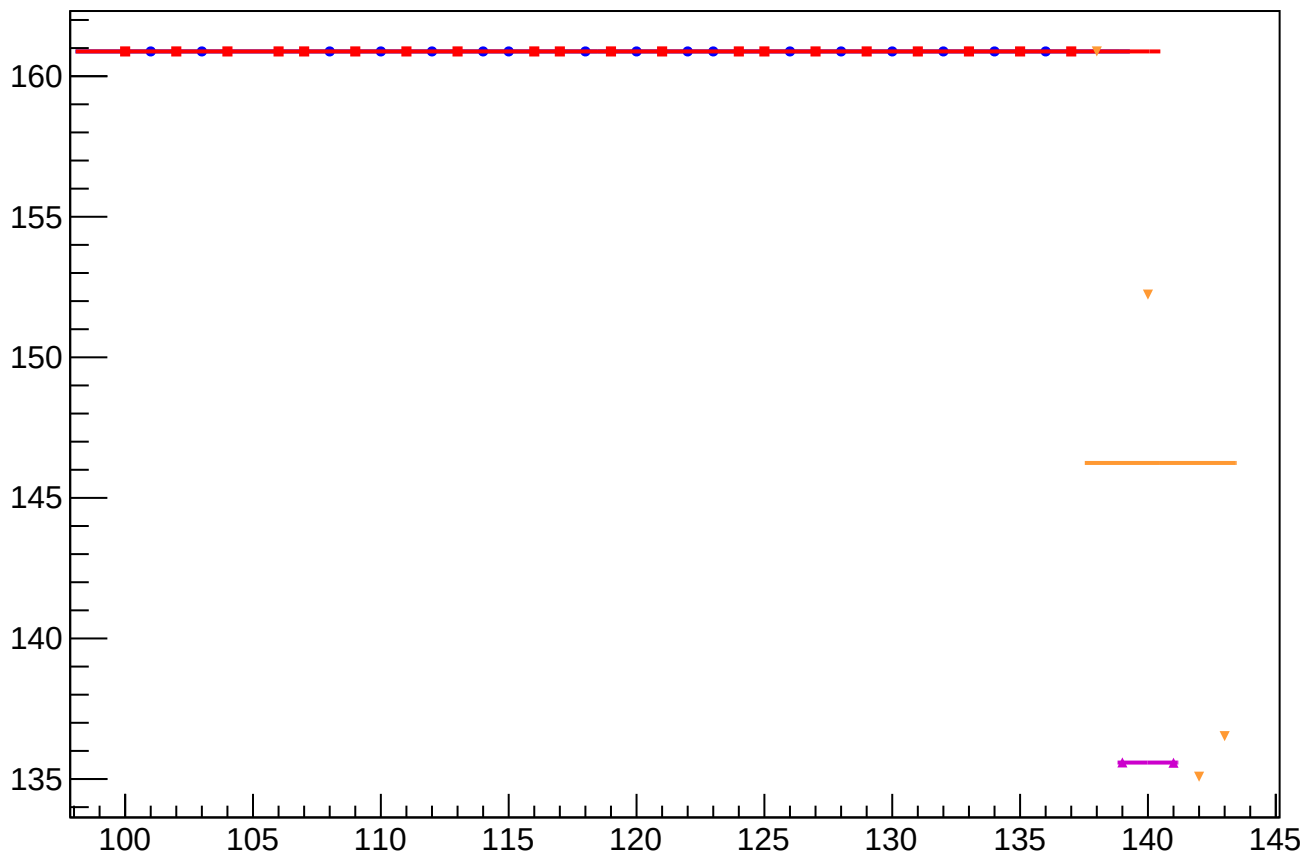
Right Out: 468.736 $\pm$ 42.325 χ^2 /NDF: 0.0/19

Left In: -62.066 $\pm$ 106.366 χ^2 /NDF:0.2/1

424.027 $\pm$ 40.994 χ^2 /NDF: 8.7/20

396.178 $\pm$ 39.326 χ^2 /NDF: 21.7/21

dit_asym_sam_48_dd_rms vs Slug



Right In: 160.881 $\pm$ 0.032 χ^2 /NDF: 0.0/16

Left Out: 146.243 $\pm$ 0.064 χ^2 /NDF: 26960.0/3

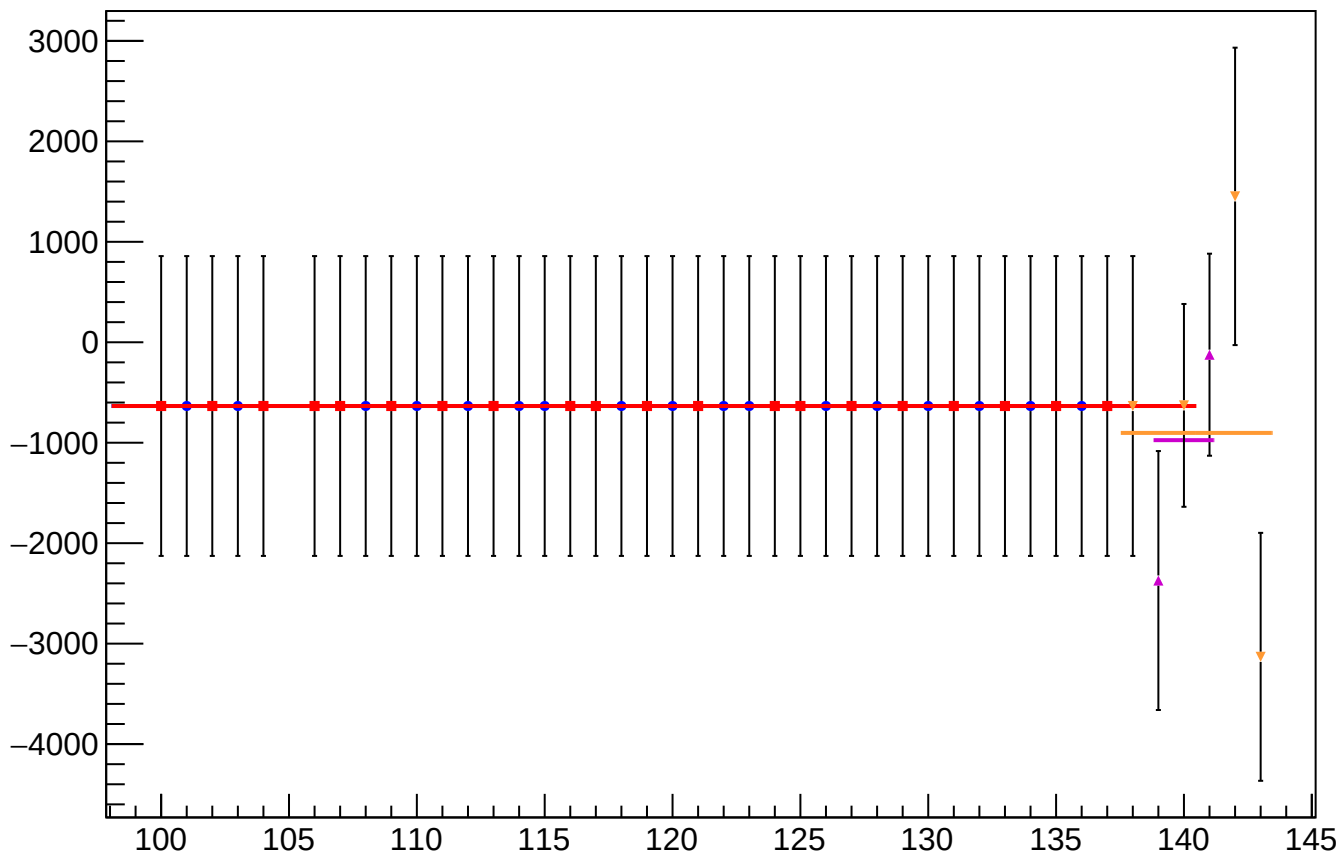
Right Out: 160.881 $\pm$ 0.030 χ^2 /NDF: 0.0/19

Left In: 135.585 $\pm$ 0.075 χ^2 /NDF: 0.0/1

157.915 $\pm$ 0.029 χ^2 /NDF: 68159.6/20

157.423 $\pm$ 0.028 χ^2 /NDF: 97652.2/21

asym_sam_48_dd_correction_mean vs Slug



Right In: -634.515+/-361.959 χ^2/NDF : 0.0/16

Left Out: -902.298+/-627.048 χ^2/NDF : 5.9/3

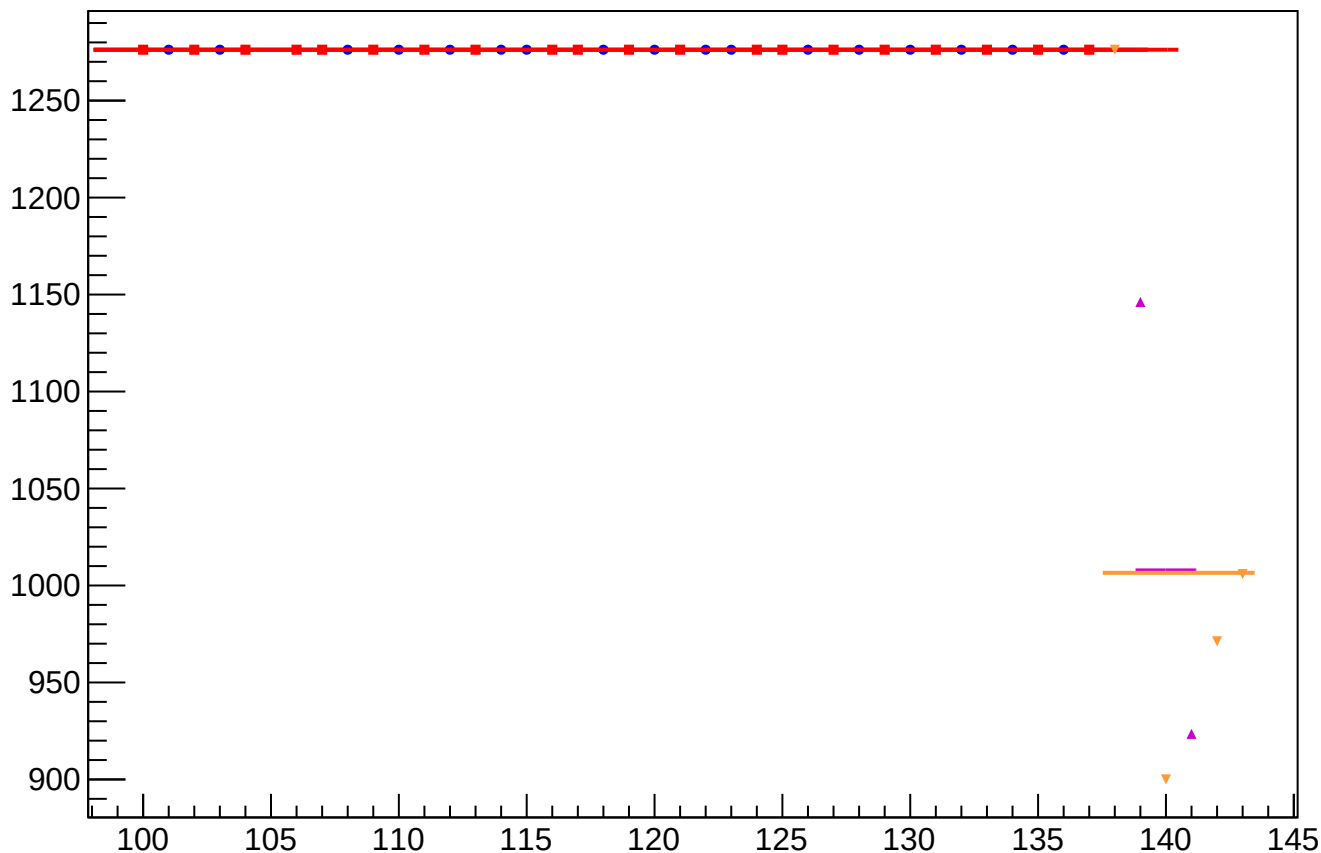
Right Out: -634.515+/-333.709 χ^2/NDF : 0.0/19

Left In: -974.445+/-792.851 χ^2/NDF : 1.9/1

-701.442+/-313.480 χ^2/NDF : 6.0/20

-685.673+/-307.575 χ^2/NDF : 2.0/21

asym_sam_48_dd_correction_rms vs Slug



Right In: 1276.234+/-0.256 χ^2/NDF : 0.0/16

Left Out: 1006.538+/-0.443 χ^2/NDF : 88725.9/3

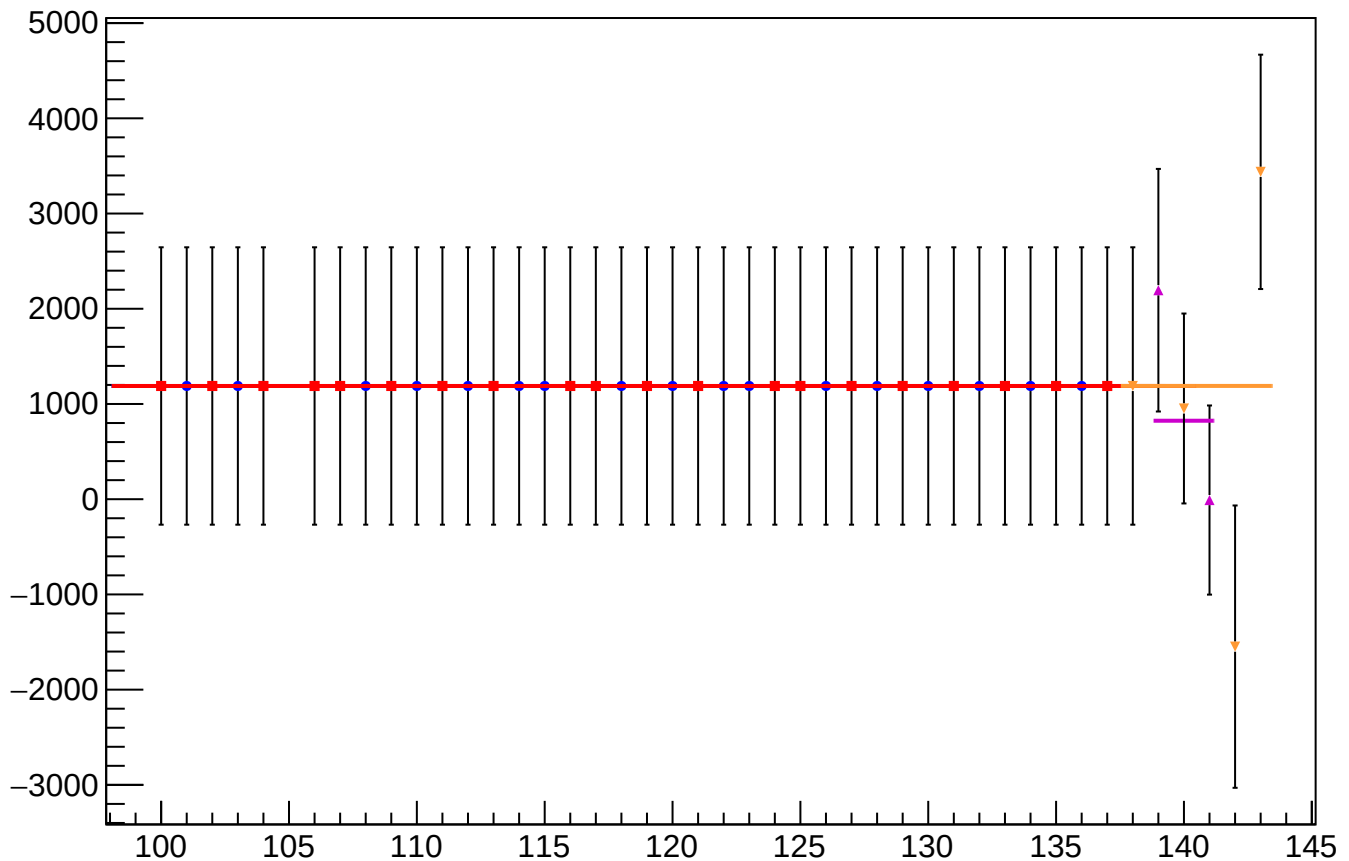
Right Out: 1276.234+/-0.236 χ^2/NDF : 0.0/19

Left In: 1007.773+/-0.561 χ^2/NDF : 37111.7/1

1208.829+/-0.222 χ^2/NDF : 366238.3/20

1235.832+/-0.217 χ^2/NDF : 231906.7/21

asym_sam_48_dd_mean vs Slug



Right In: 1188.936 $\pm$ 353.273 χ^2 /NDF: 0.0/16

Left Out: 1189.599 $\pm$ 621.082 χ^2 /NDF: 6.8/3

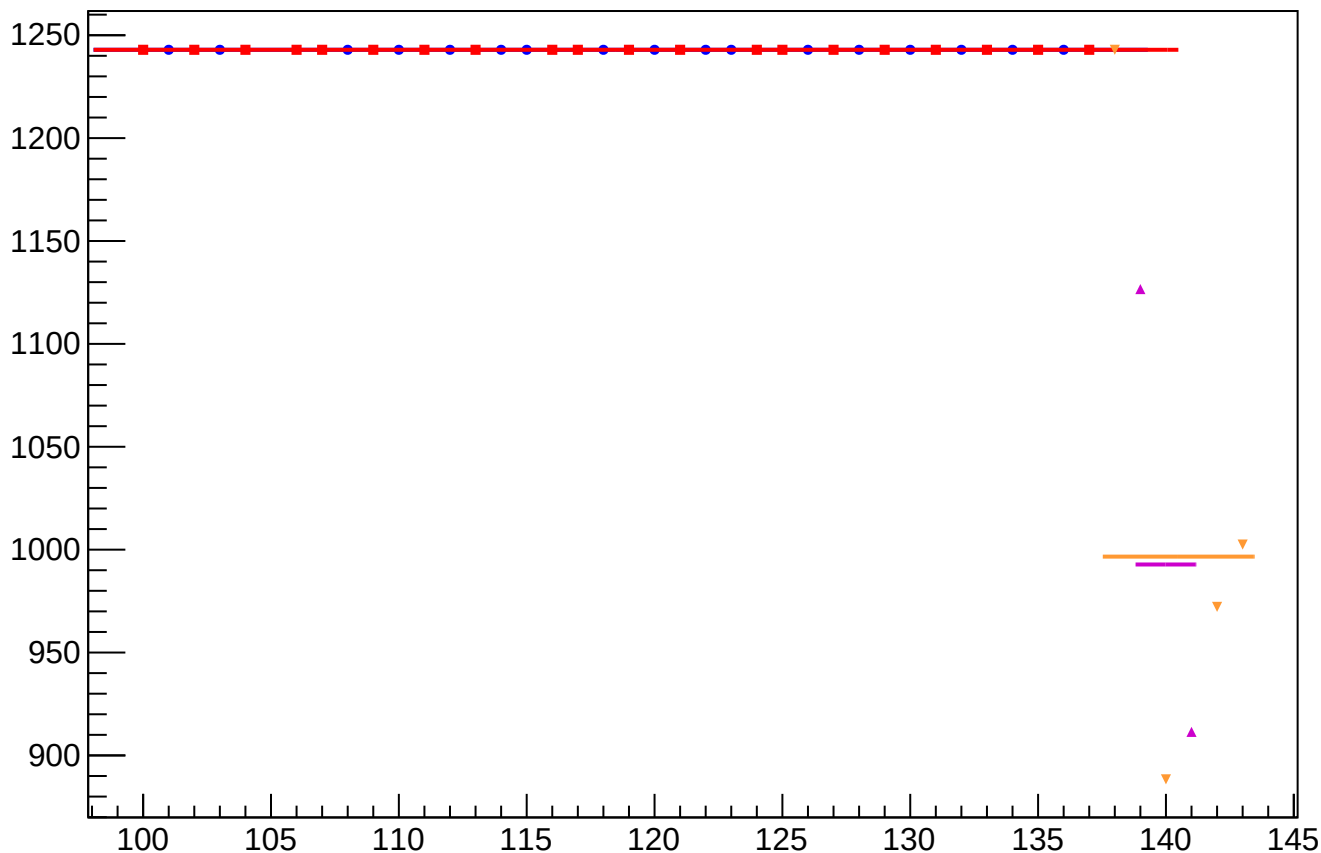
Right Out: 1188.936 $\pm$ 325.702 χ^2 /NDF: 0.0/19

Left In: 824.121 $\pm$ 783.204 χ^2 /NDF: 1.9/1

1189.098 $\pm$ 307.074 χ^2 /NDF: 6.8/20

1135.148 $\pm$ 300.734 χ^2 /NDF: 2.0/21

asym_sam_48_dd_rms vs Slug



Right In: 1242.923+/-0.250 χ^2/NDF : 0.0/16

Left Out: 996.616+/-0.439 χ^2/NDF : 81342.4/3

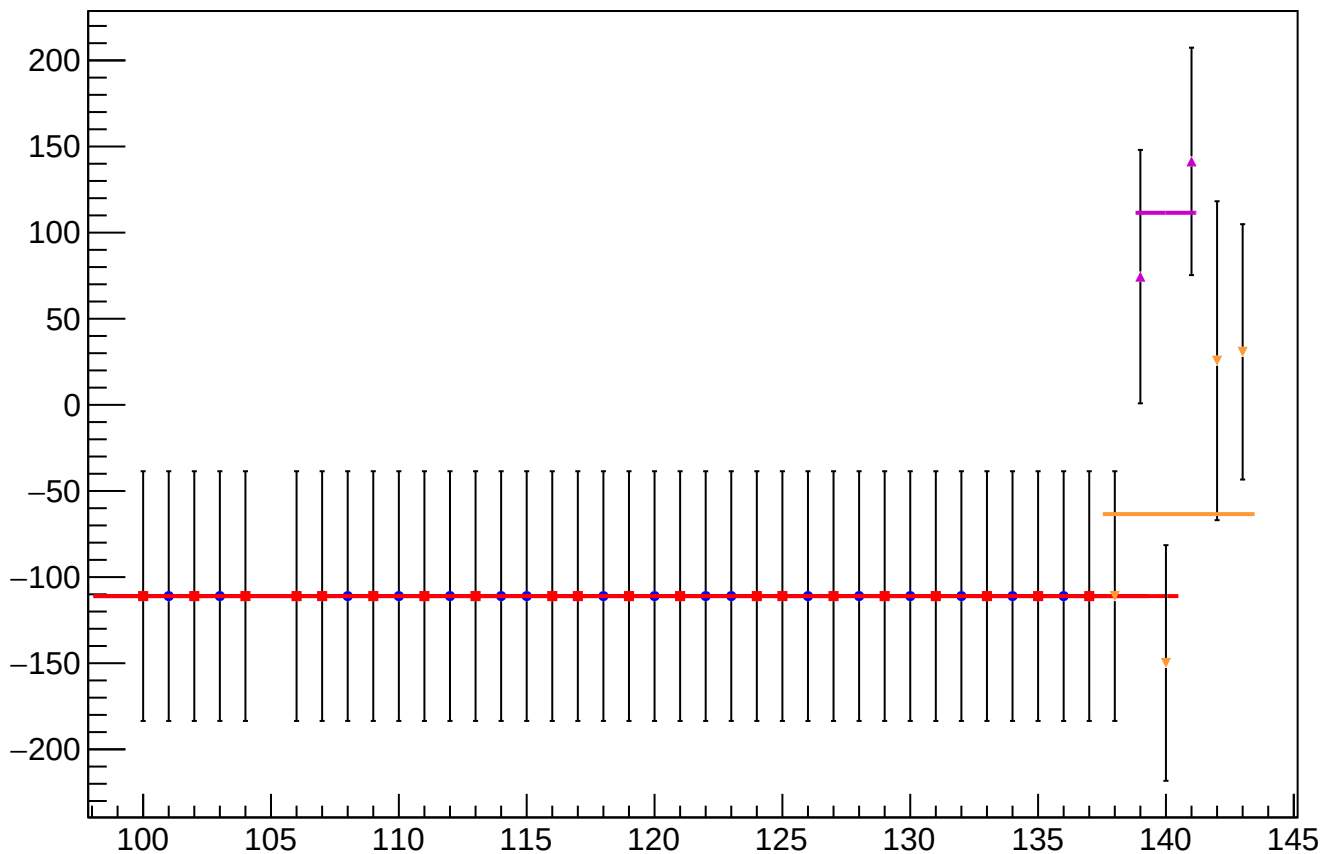
Right Out: 1242.923+/-0.230 χ^2/NDF : 0.0/19

Left In: 992.790+/-0.554 χ^2/NDF : 35496.0/1

1182.714+/-0.217 χ^2/NDF : 318999.5/20

1206.044+/-0.213 χ^2/NDF : 209414.9/21

dit_asym_sam_13_57_dd_mean vs Slug



Right In: -111.027 $\pm$ 17.581 χ^2 /NDF: 0.0/16

Left Out: -63.426 $\pm$ 37.726 χ^2 /NDF:4.6/3

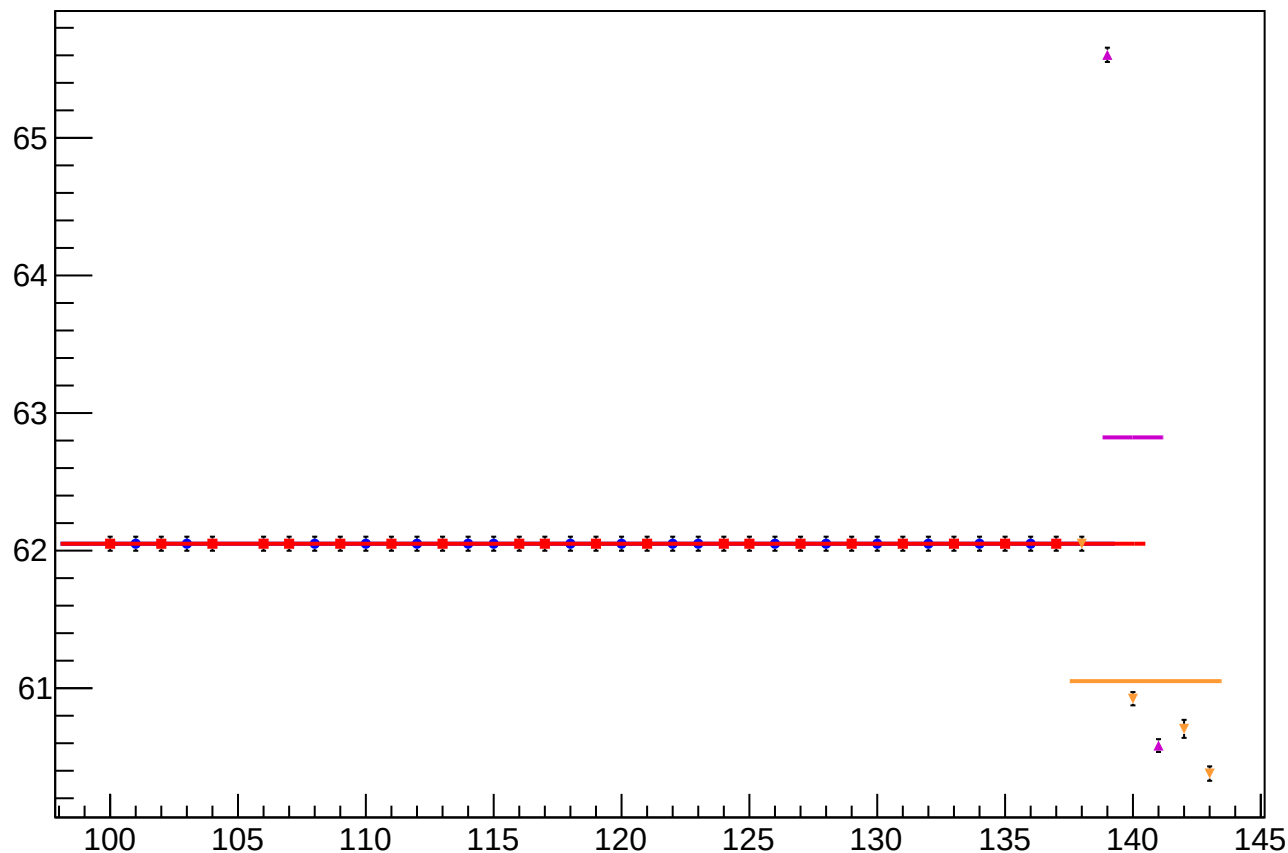
Right Out: -111.027 $\pm$ 16.209 χ^2 /NDF: 0.0/19

Left In: 111.514 $\pm$ 49.139 χ^2 /NDF:0.5/1

-102.533 $\pm$ 15.936 χ^2 /NDF: 5.9/20

-89.188 $\pm$ 15.393 χ^2 /NDF: 19.0/21

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 62.050 $\pm$ 0.012 χ^2 /NDF: 0.0/16

Left Out: 61.051 $\pm$ 0.027 χ^2 /NDF: 579.1/3

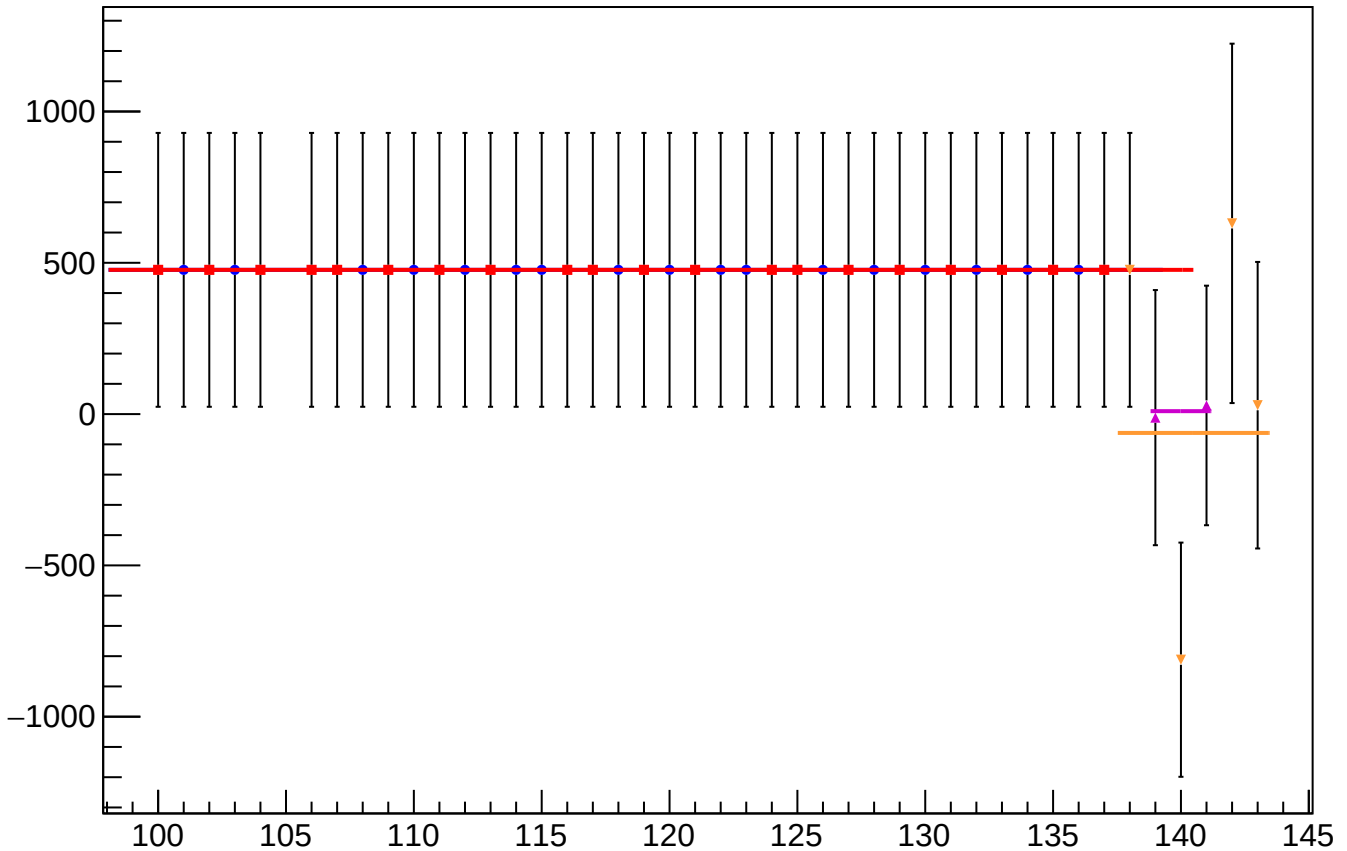
Right Out: 62.050 $\pm$ 0.011 χ^2 /NDF: 0.0/19

Left In: 62.823 $\pm$ 0.035 χ^2 /NDF: 5158.7/1

61.872 $\pm$ 0.011 χ^2 /NDF: 1730.8/20

62.126 $\pm$ 0.011 χ^2 /NDF: 5604.8/21

asym_sam_13_57_dd_correction_mean vs Slug



Right In: 476.700+/-109.759 χ^2/NDF : 0.0/16

376.938+/-99.081 χ^2/NDF : 11.0/20

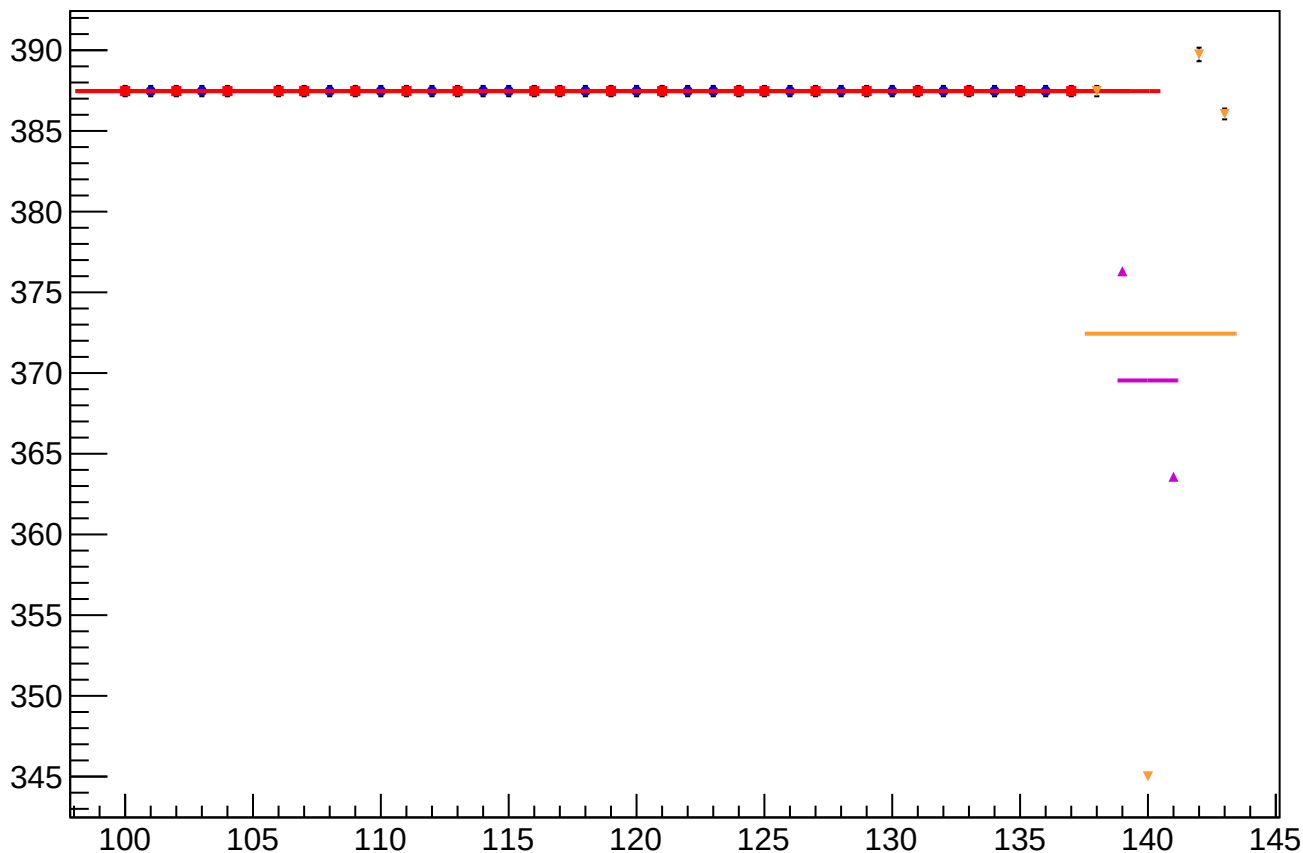
Left Out: -62.240 ± 230.291 $\chi^2/\text{NDF}: 6.6/3$

Right Out: 476.700+/-101.193 χ^2/NDF : 0.0/19

425.567+/-95.492 χ^2/NDF : 2.3/21

Left In: 9.709+/-288.585 χ^2/NDF :0.0/1

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 387.468 $\pm$ 0.078 χ^2 /NDF: 0.0/16

Left Out: 372.440 $\pm$ 0.163 χ^2 /NDF:15602.3/3

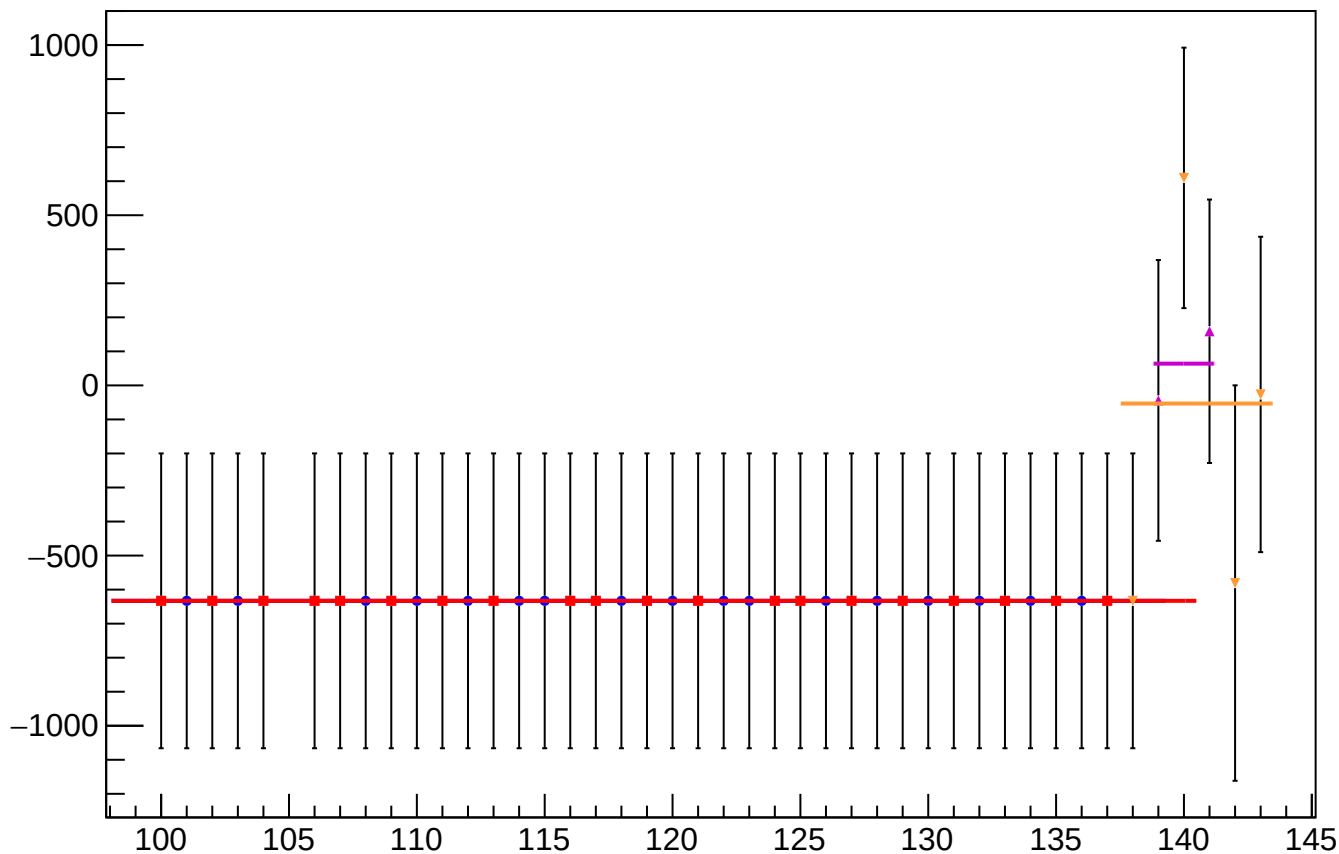
Right Out: 387.468 $\pm$ 0.072 χ^2 /NDF: 0.0/19

Left In: 369.541 $\pm$ 0.204 χ^2 /NDF:969.4/1

384.686 $\pm$ 0.070 χ^2 /NDF: 22542.5/20

385.505 $\pm$ 0.068 χ^2 /NDF: 7842.0/21

asym_sam_13_57_dd_mean vs Slug



Right In: -632.956 $\pm$ 105.052 χ^2 /NDF: 0.0/16

Left Out: -53.293 $\pm$ 224.835 χ^2 /NDF:5.6/3

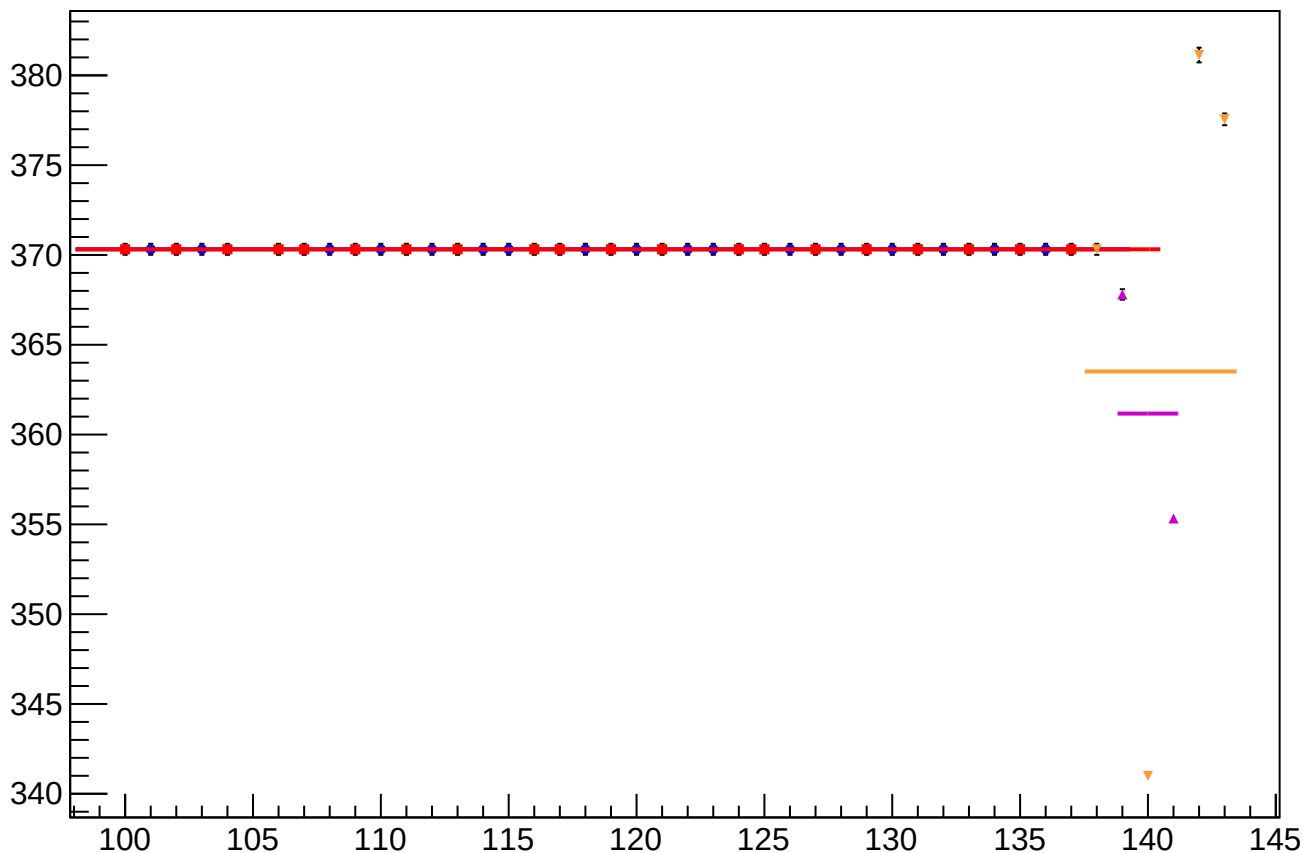
Right Out: -632.956 $\pm$ 96.854 χ^2 /NDF: 0.0/19

Left In: 63.929 $\pm$ 282.225 χ^2 /NDF:0.1/1

-529.084 $\pm$ 95.176 χ^2 /NDF: 11.1/20

-559.530 $\pm$ 91.609 χ^2 /NDF: 5.6/21

asym_sam_13_57_dd_rms vs Slug



Right In: 370.315+/-0.074 χ^2/NDF : 0.0/16

Left Out: 363.515+/-0.159 χ^2/NDF :11097.0/3

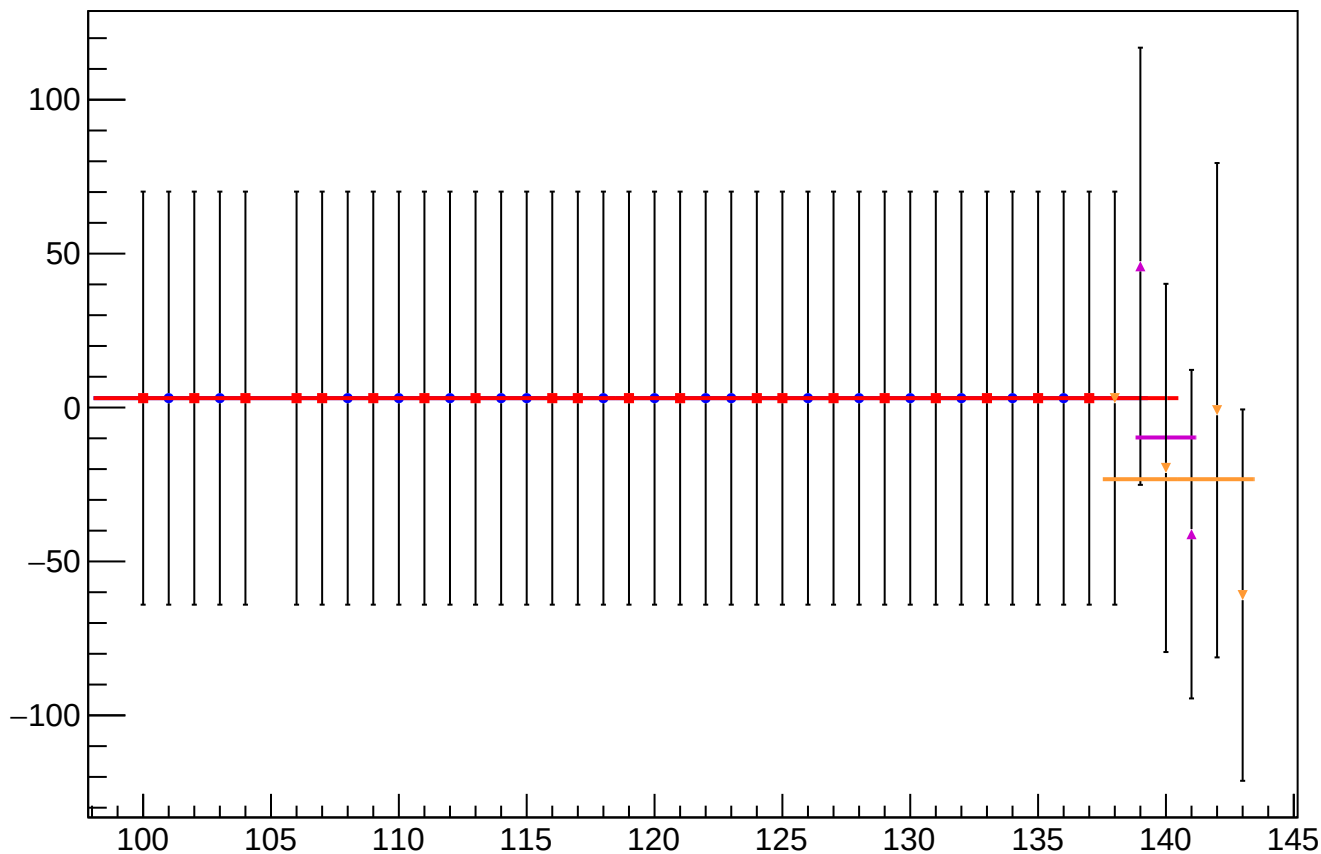
Right Out: 370.315+/-0.068 χ^2/NDF : 0.0/19

Left In: 361.169+/-0.200 χ^2/NDF :972.7/1

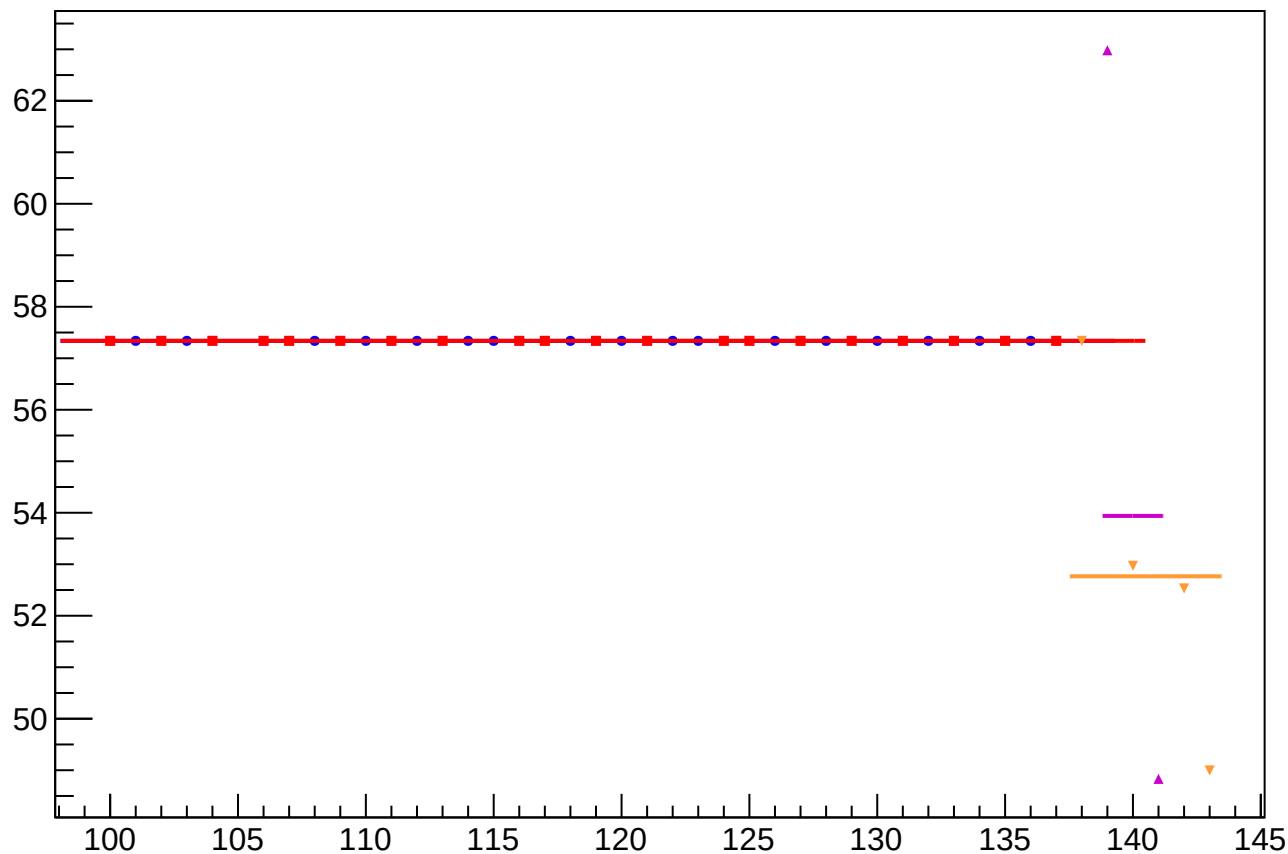
369.097+/-0.067 χ^2/NDF : 12598.8/20

369.352+/-0.065 χ^2/NDF : 2852.1/21

dit_asym_sam_15_37_dd_mean vs Slug



dit_asym_sam_15_37_dd_rms vs Slug



Right In: 57.338 ± 0.012 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 52.766 ± 0.023 $\chi^2/\text{NDF}: 17144.3/3$

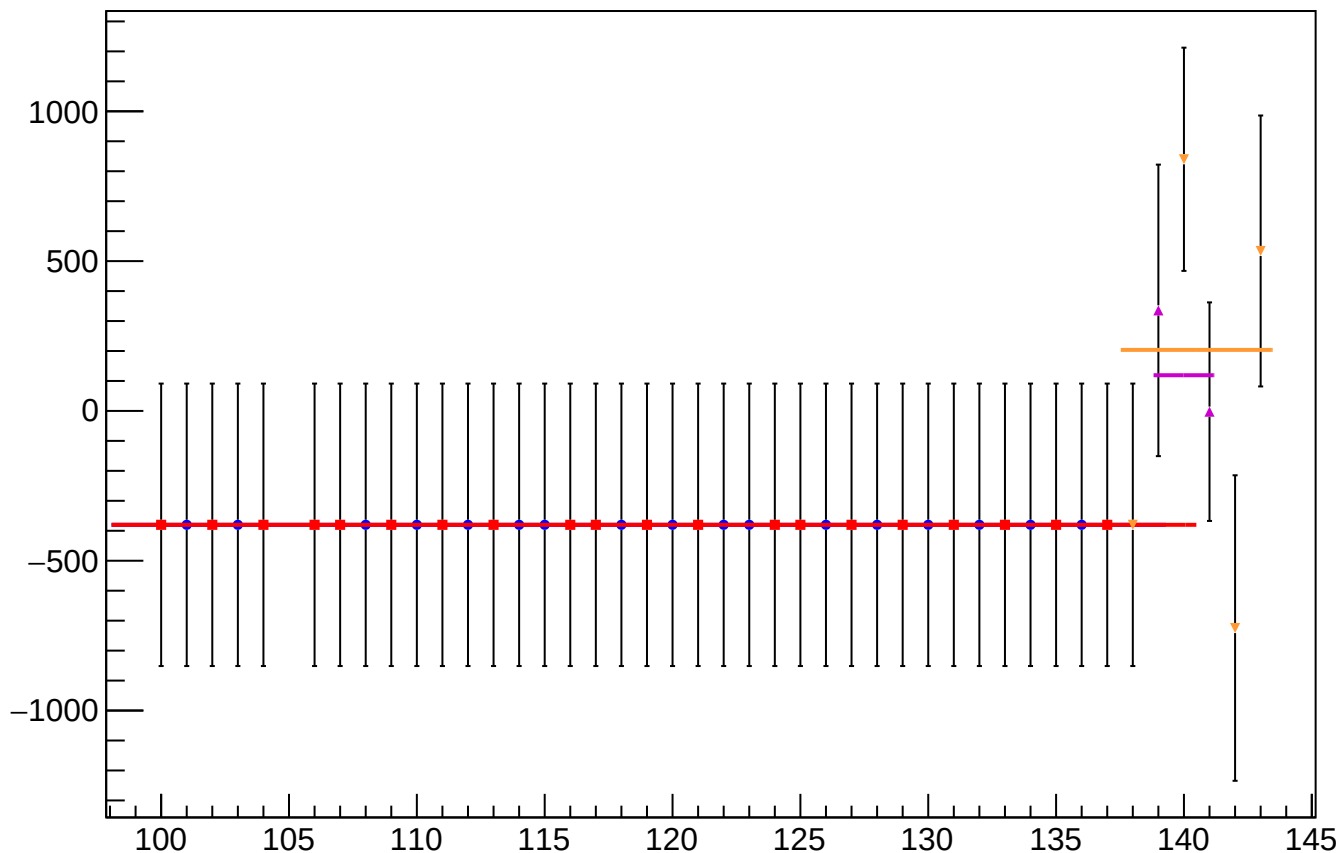
Right Out: 57.338 ± 0.011 $\chi^2/\text{NDF}: 0.0/19$

Left In: 53.939 ± 0.030 $\chi^2/\text{NDF}: 50740.9/1$

56.434 ± 0.010 $\chi^2/\text{NDF}: 48389.5/20$

56.964 ± 0.010 $\chi^2/\text{NDF}: 62042.1/21$

asym_sam_15_37_dd_correction_mean vs Slug



Right In: -380.097+/-114.319 χ^2/NDF : 0.0/16

Left Out: 203.753+/-221.149 χ^2/NDF : 8.3/3

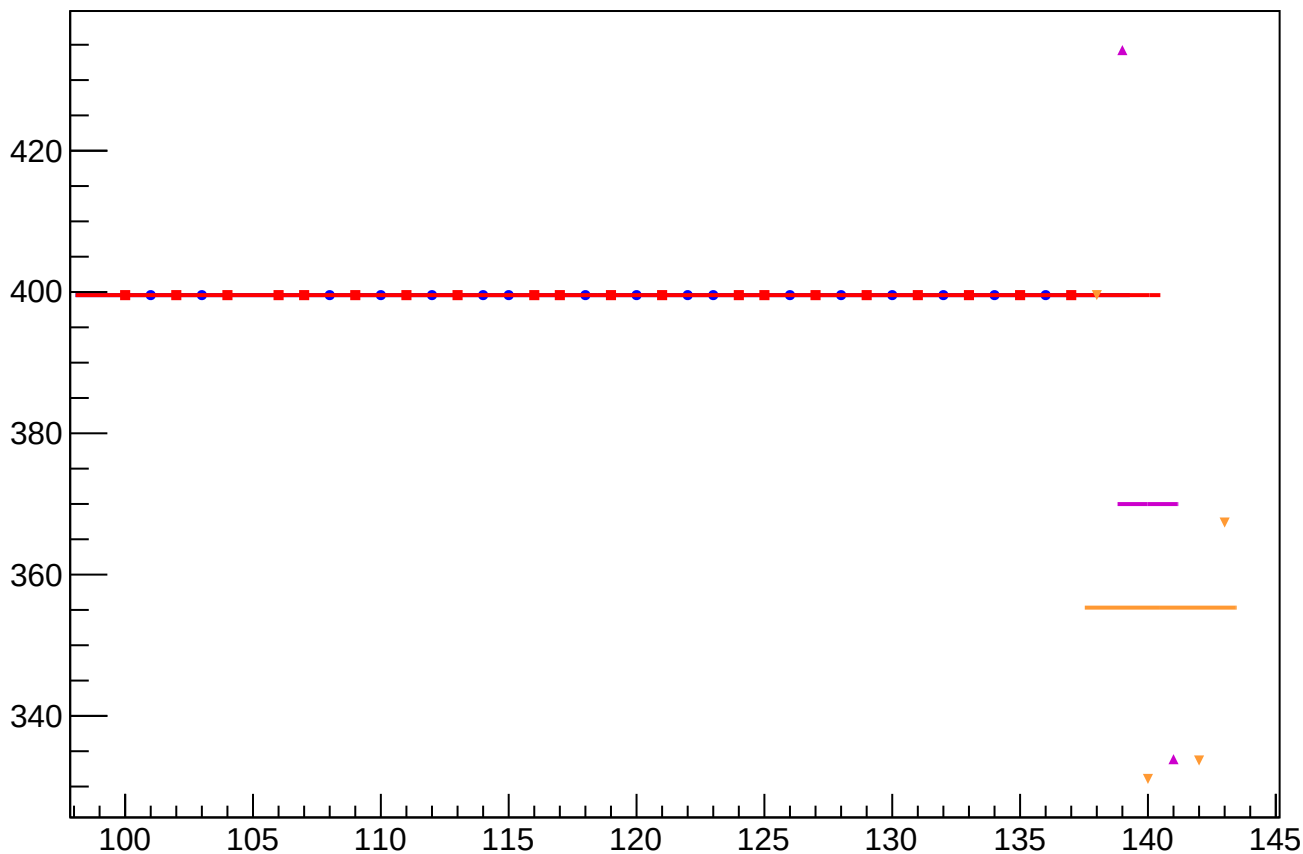
Right Out: -380.097+/-105.397 χ^2/NDF : 0.0/19

Left In: 119.152+/-291.799 χ^2/NDF : 0.3/1

-256.980+/-101.553 χ^2/NDF : 13.8/20

-322.480+/-99.129 χ^2/NDF : 2.9/21

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 399.559 $\pm$ 0.081 χ^2 /NDF: 0.0/16

Left Out: 355.325 $\pm$ 0.156 χ^2 /NDF:31110.2/3

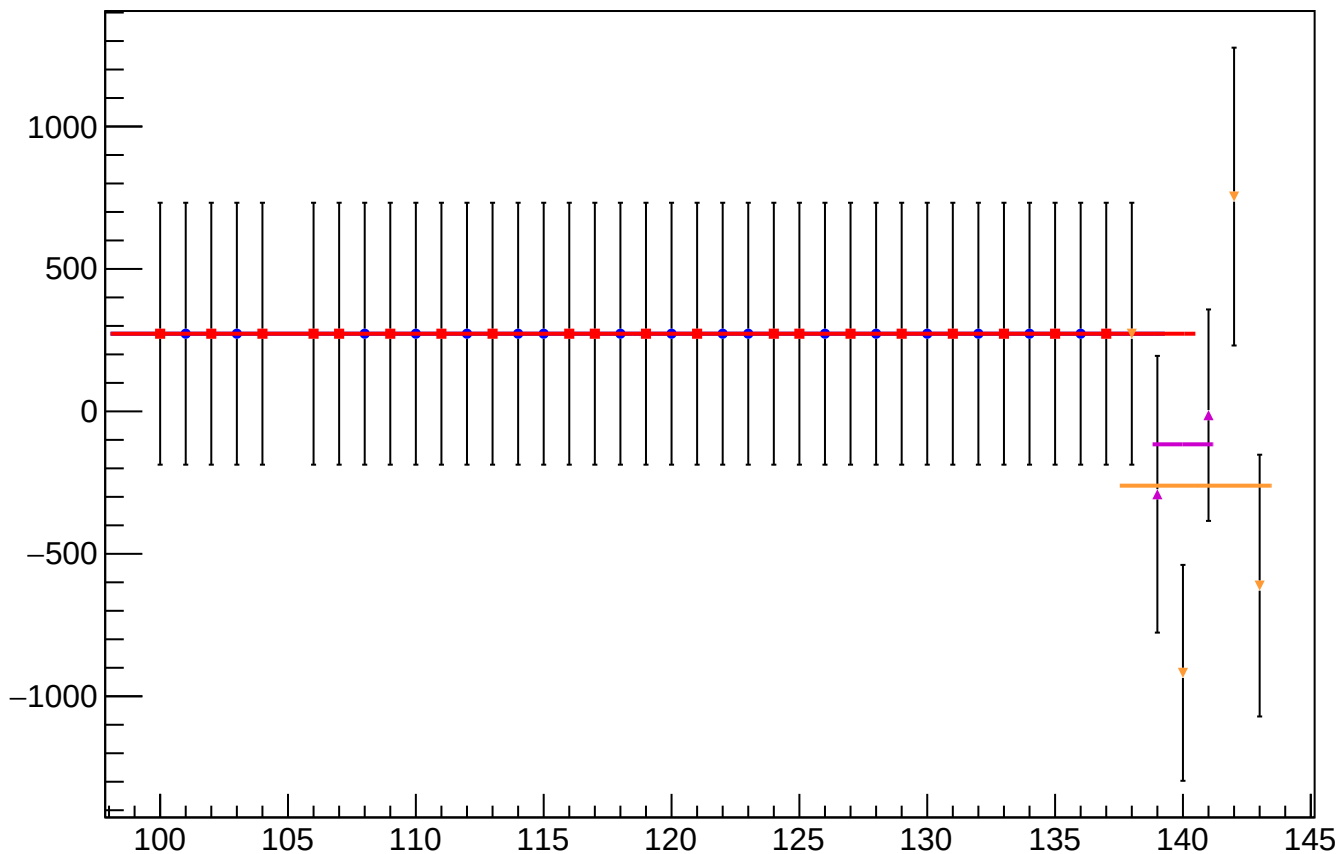
Right Out: 399.559 $\pm$ 0.075 χ^2 /NDF: 0.0/19

Left In: 369.984 $\pm$ 0.206 χ^2 /NDF:54506.8/1

390.232 $\pm$ 0.072 χ^2 /NDF: 94251.6/20

396.146 $\pm$ 0.070 χ^2 /NDF: 72681.5/21

asym_sam_15_37_dd_mean vs Slug



Right In: 272.633 $\pm$ 111.494 χ^2/NDF : 0.0/16

Left Out: -260.739 $\pm$ 223.085 χ^2/NDF : 8.7/3

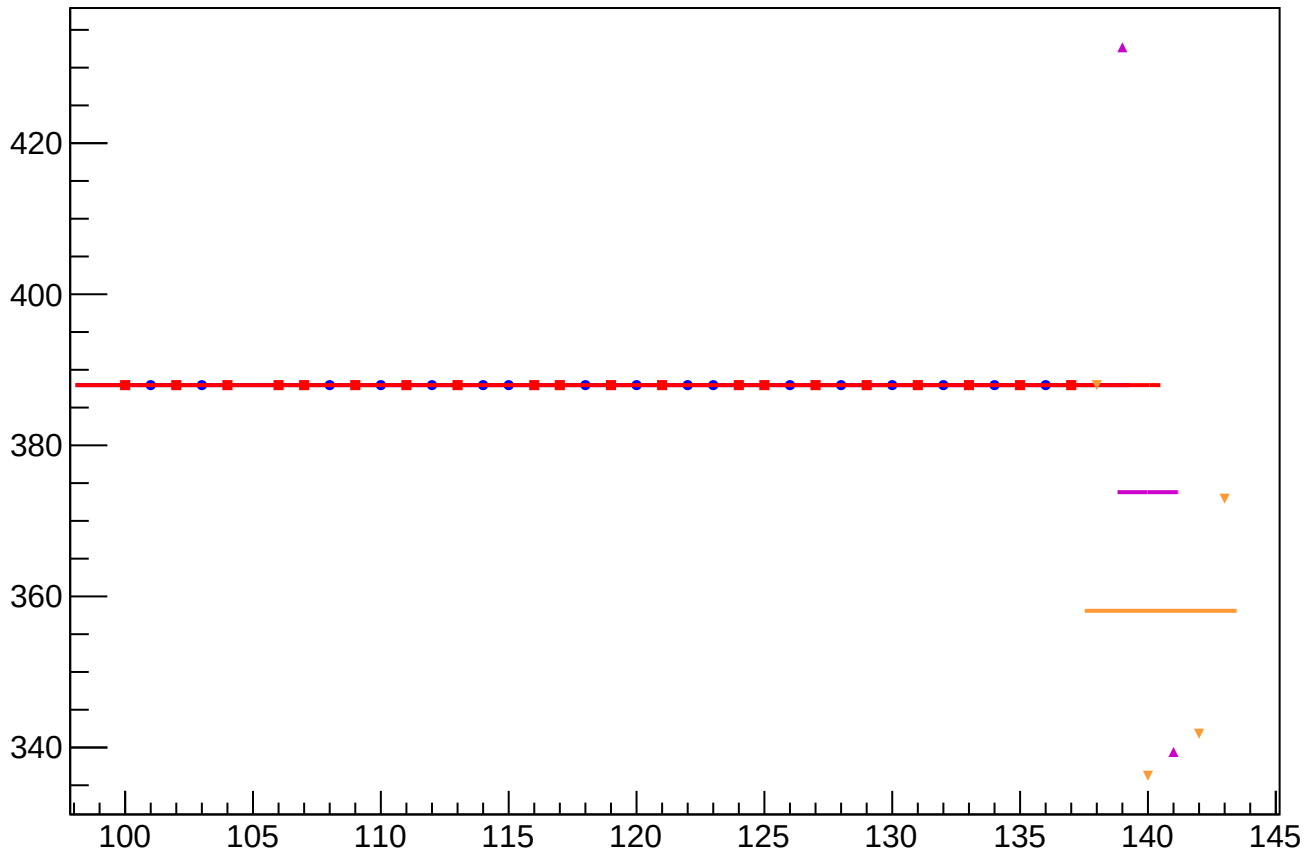
Right Out: 272.633 $\pm$ 102.792 χ^2/NDF : 0.0/19

Left In: -115.598 $\pm$ 294.894 χ^2/NDF : 0.2/1

166.033 $\pm$ 99.732 χ^2/NDF : 13.3/20

230.572 $\pm$ 97.064 χ^2/NDF : 1.8/21

asym_sam_15_37_dd_rms vs Slug



Right In: 387.970 $\pm$ 0.079 χ^2 /NDF: 0.0/16

Left Out: 358.096 $\pm$ 0.158 χ^2 /NDF:19113.7/3

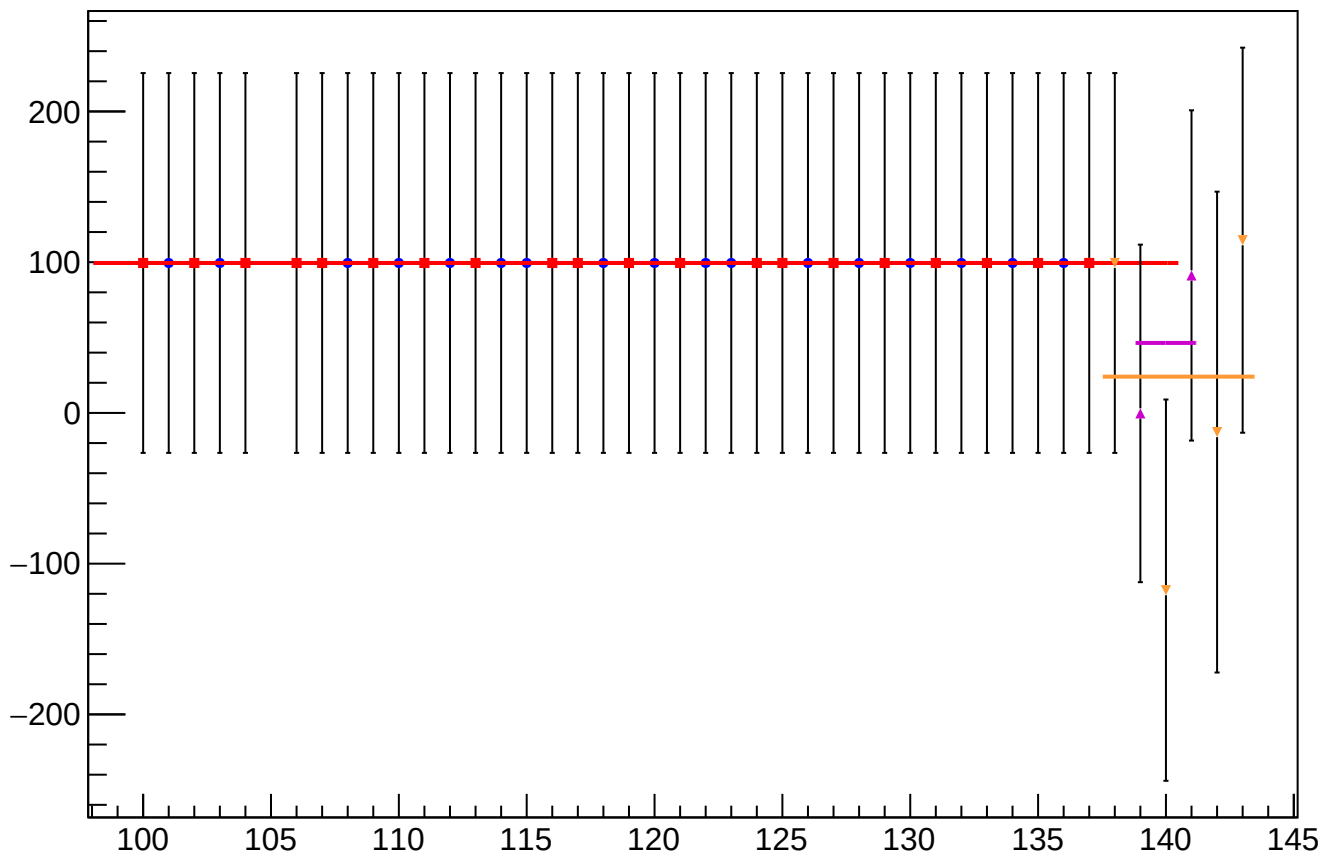
Right Out: 387.970 $\pm$ 0.073 χ^2 /NDF: 0.0/19

Left In: 373.798 $\pm$ 0.209 χ^2 /NDF:46582.7/1

381.999 $\pm$ 0.071 χ^2 /NDF: 47812.2/20

386.435 $\pm$ 0.069 χ^2 /NDF: 50701.3/21

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 99.476 $\pm$ 30.557 χ^2 /NDF: 0.0/16

Left Out: 24.059 $\pm$ 66.502 χ^2 /NDF:2.2/3

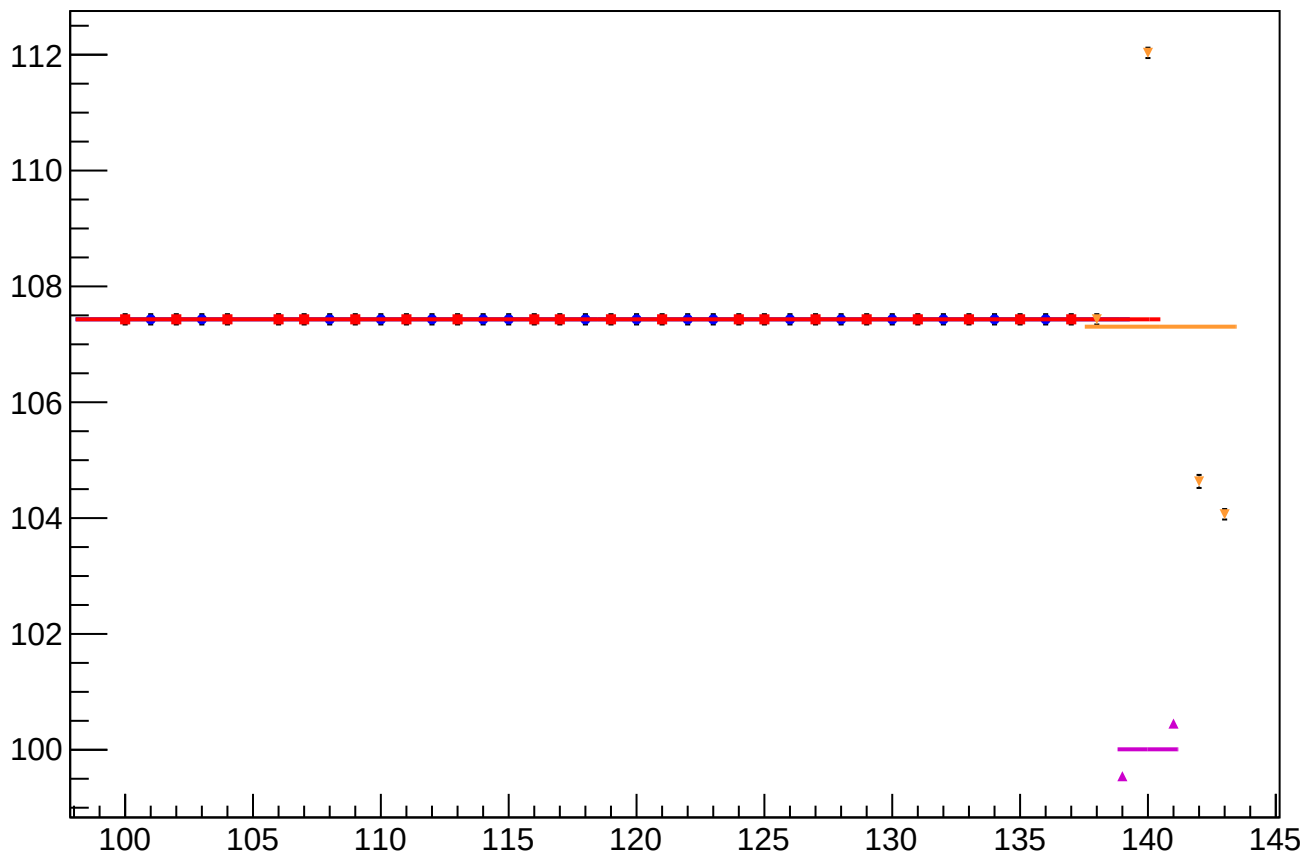
Right Out: 99.476 $\pm$ 28.172 χ^2 /NDF: 0.0/19

Left In: 46.443 $\pm$ 78.301 χ^2 /NDF:0.3/1

86.329 $\pm$ 27.766 χ^2 /NDF: 3.2/20

93.398 $\pm$ 26.508 χ^2 /NDF: 0.7/21

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 107.432 $\pm$ 0.022 χ^2/NDF : 0.0/16

Left Out: 107.305 $\pm$ 0.047 χ^2/NDF : 4643.3/3

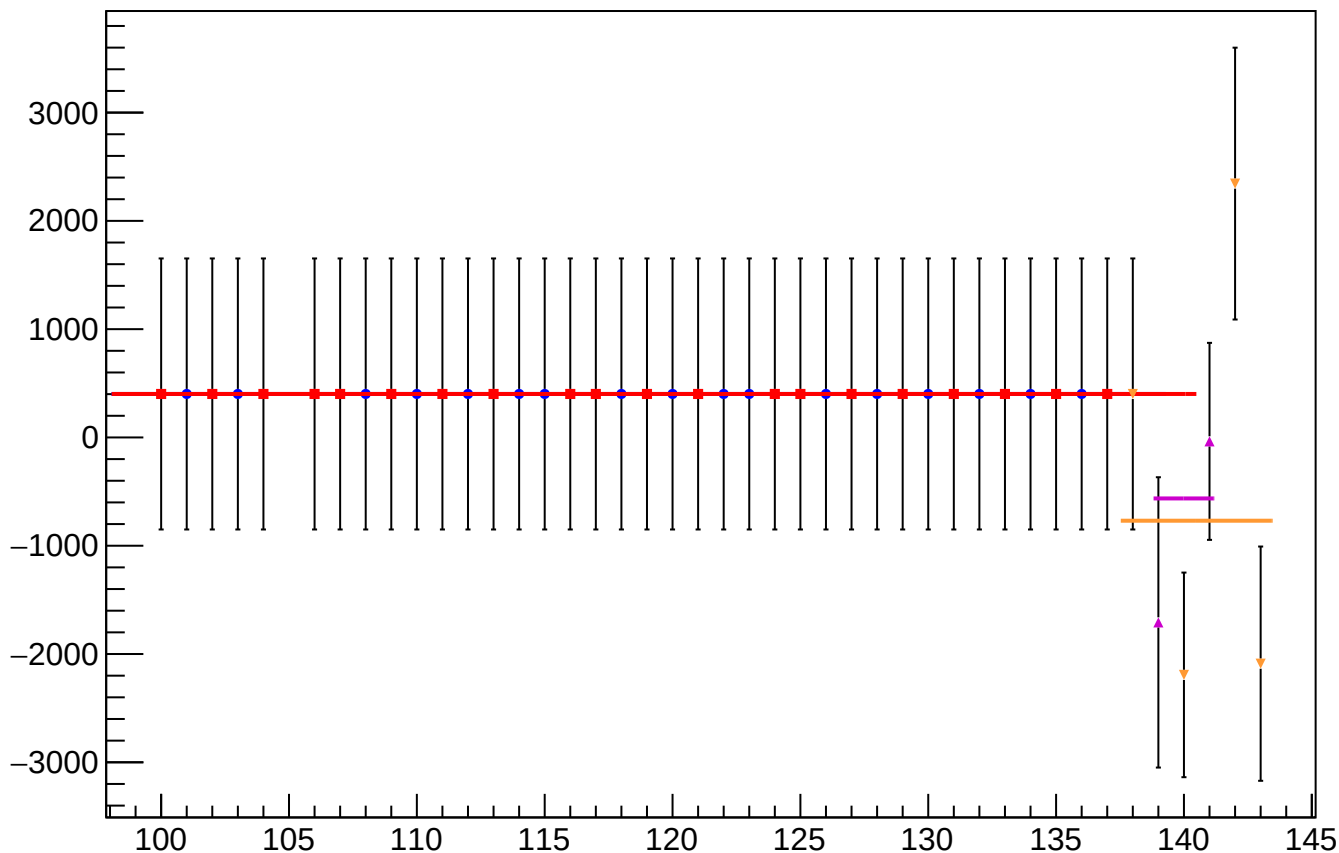
Right Out: 107.432 $\pm$ 0.020 χ^2/NDF : 0.0/19

Left In: 100.008 $\pm$ 0.055 χ^2/NDF : 67.3/1

107.410 $\pm$ 0.020 χ^2/NDF : 4649.3/20

106.581 $\pm$ 0.019 χ^2/NDF : 15983.8/21

asym_sam_24_68_dd_correction_mean vs Slug



Right In: 401.519 $\pm$ 303.529 χ^2 /NDF: 0.0/16

Left Out: -768.977 $\pm$ 554.875 χ^2 /NDF:10.8/3

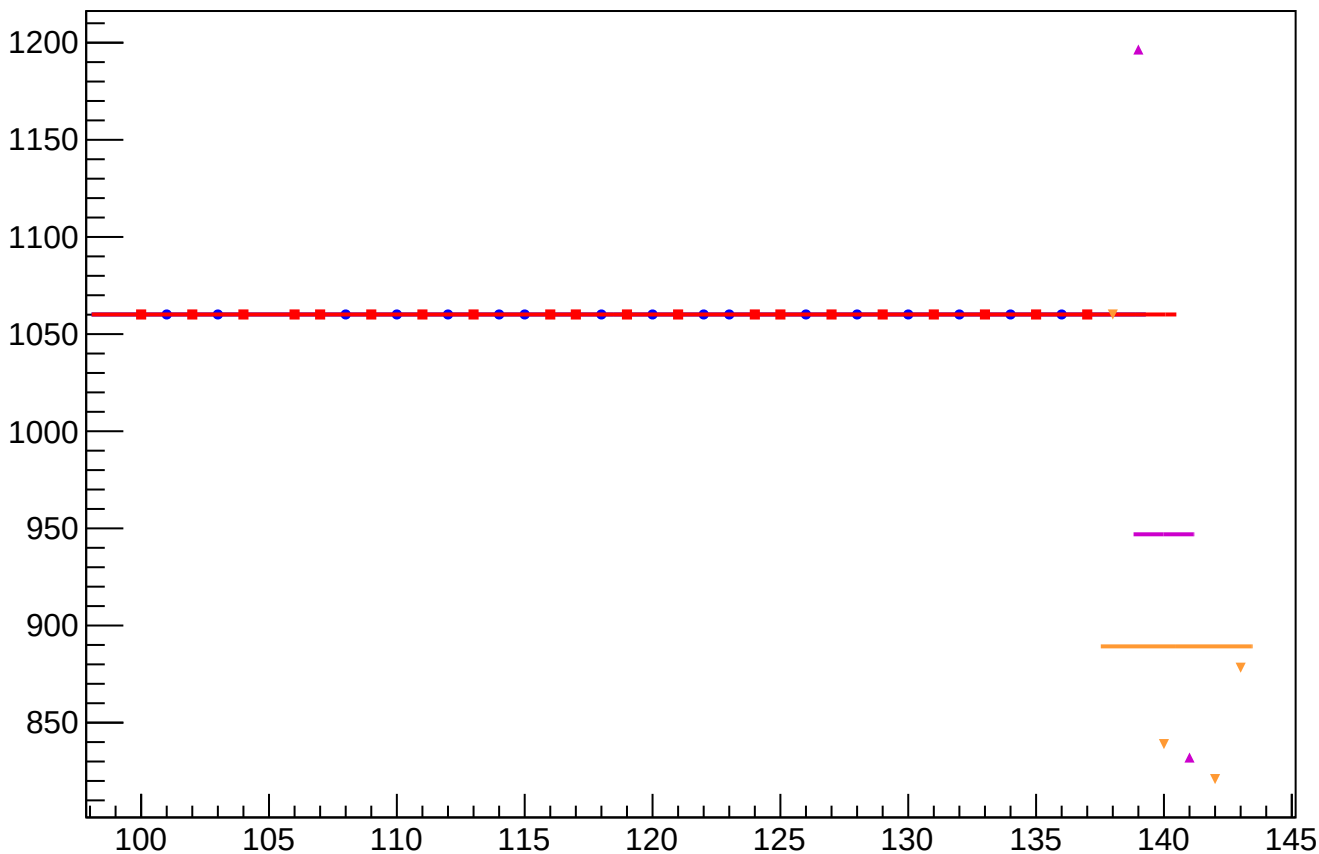
Right Out: 401.519 $\pm$ 279.840 χ^2 /NDF: 0.0/19

Left In: -563.300 $\pm$ 752.740 χ^2 /NDF:1.1/1

131.936 $\pm$ 266.291 χ^2 /NDF: 14.2/20

284.366 $\pm$ 262.300 χ^2 /NDF: 2.5/21

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1060.103+/-0.215 χ^2/NDF : 0.0/16

Left Out: 889.262+/-0.392 χ^2/NDF : 49067.4/3

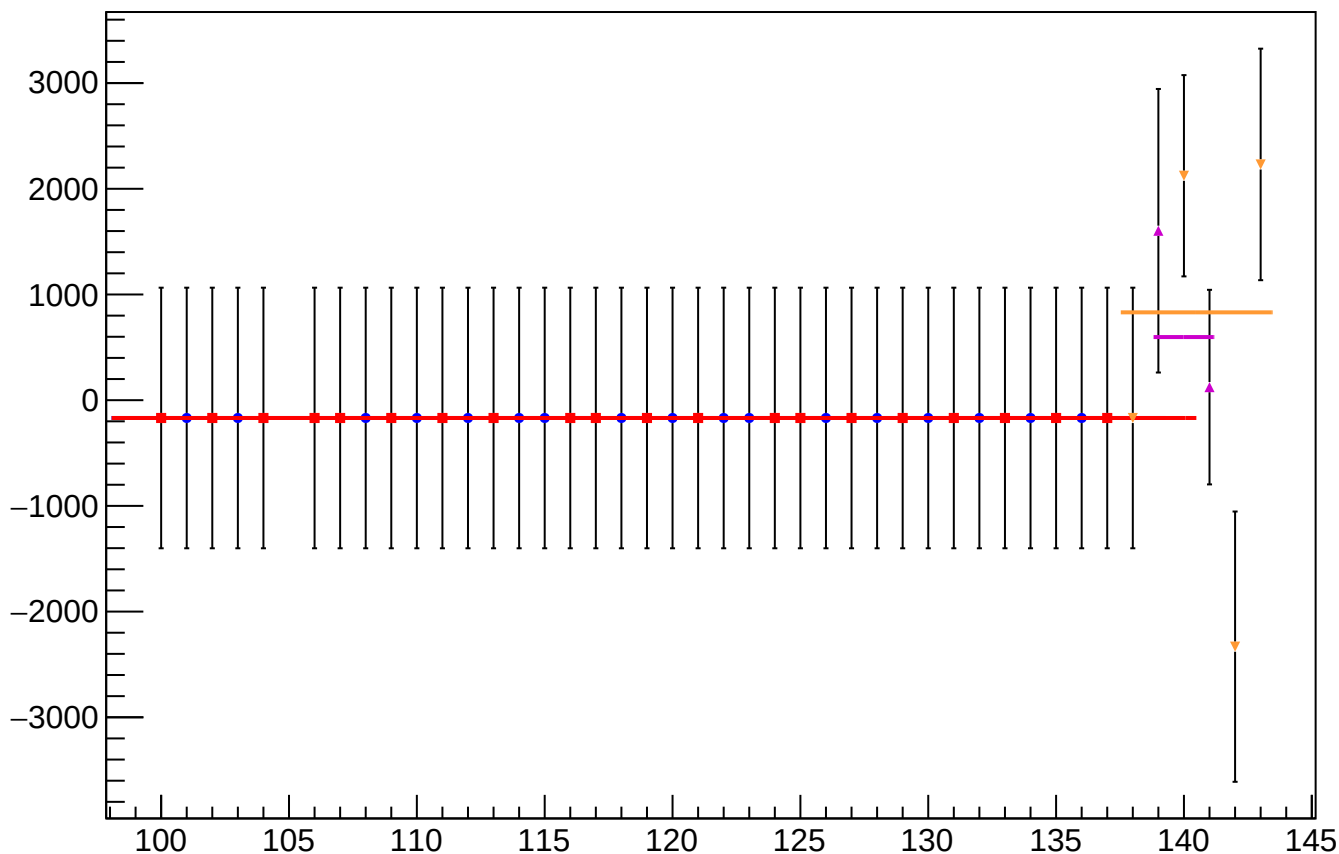
Right Out: 1060.103+/-0.198 χ^2/NDF : 0.0/19

Left In: 946.952+/-0.532 χ^2/NDF : 101203.2/1

1020.756+/-0.188 χ^2/NDF : 194996.0/20

1046.364+/-0.185 χ^2/NDF : 140907.8/21

asym_sam_24_68_dd_mean vs Slug



Right In: -168.416+/-298.974 χ^2/NDF : 0.0/16

Left Out: 830.940+/-558.430 χ^2/NDF :10.3/3

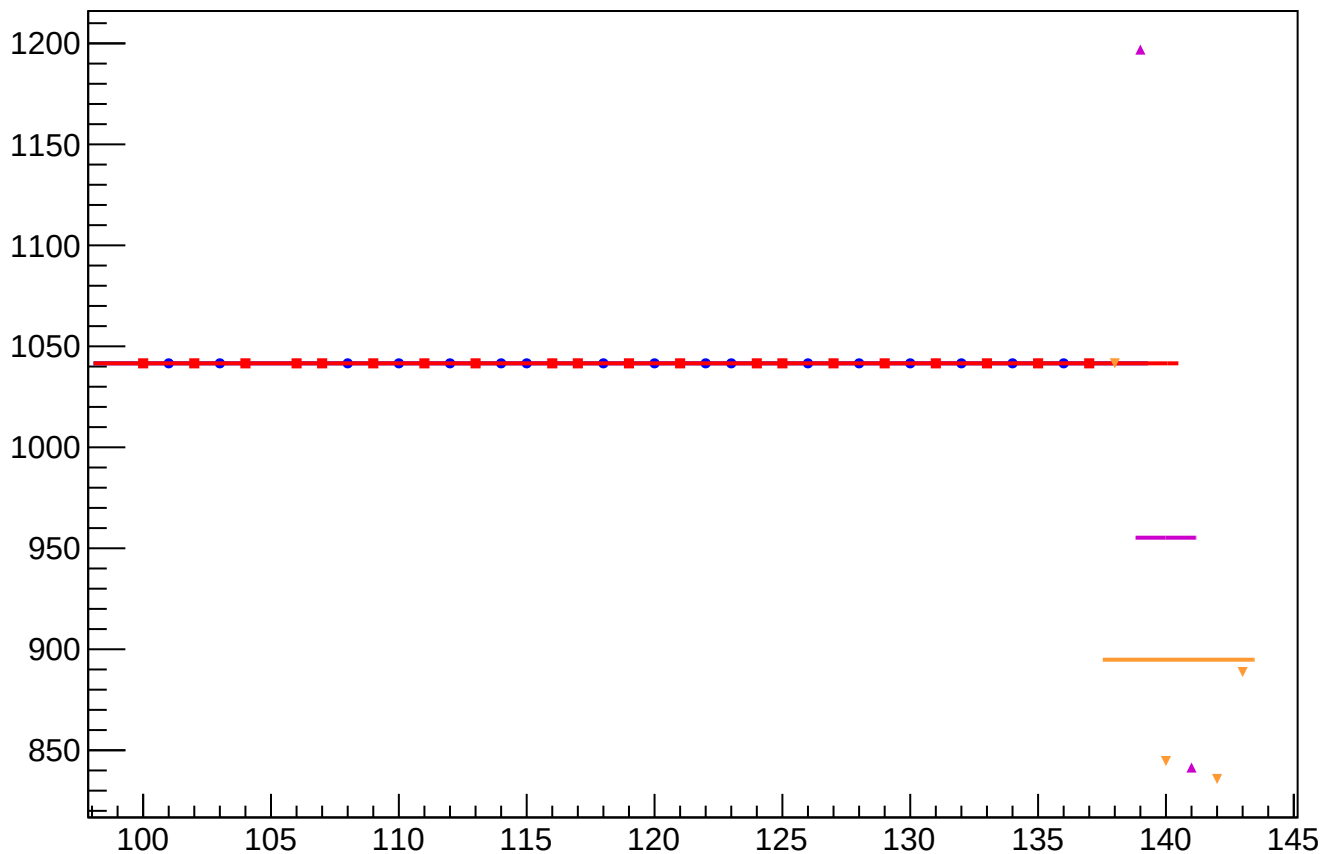
Right Out: -168.416+/-275.640 χ^2/NDF : 0.0/19

Left In: 597.234+/-758.937 χ^2/NDF :0.8/1

54.219+/-263.576 χ^2/NDF : 12.7/20

-79.190+/-259.082 χ^2/NDF : 1.7/21

asym_sam_24_68_dd_rms vs Slug



Right In: 1041.580+/-0.211 χ^2 /NDF: 0.0/16

Left Out: 894.834+/-0.395 χ^2 /NDF:38228.1/3

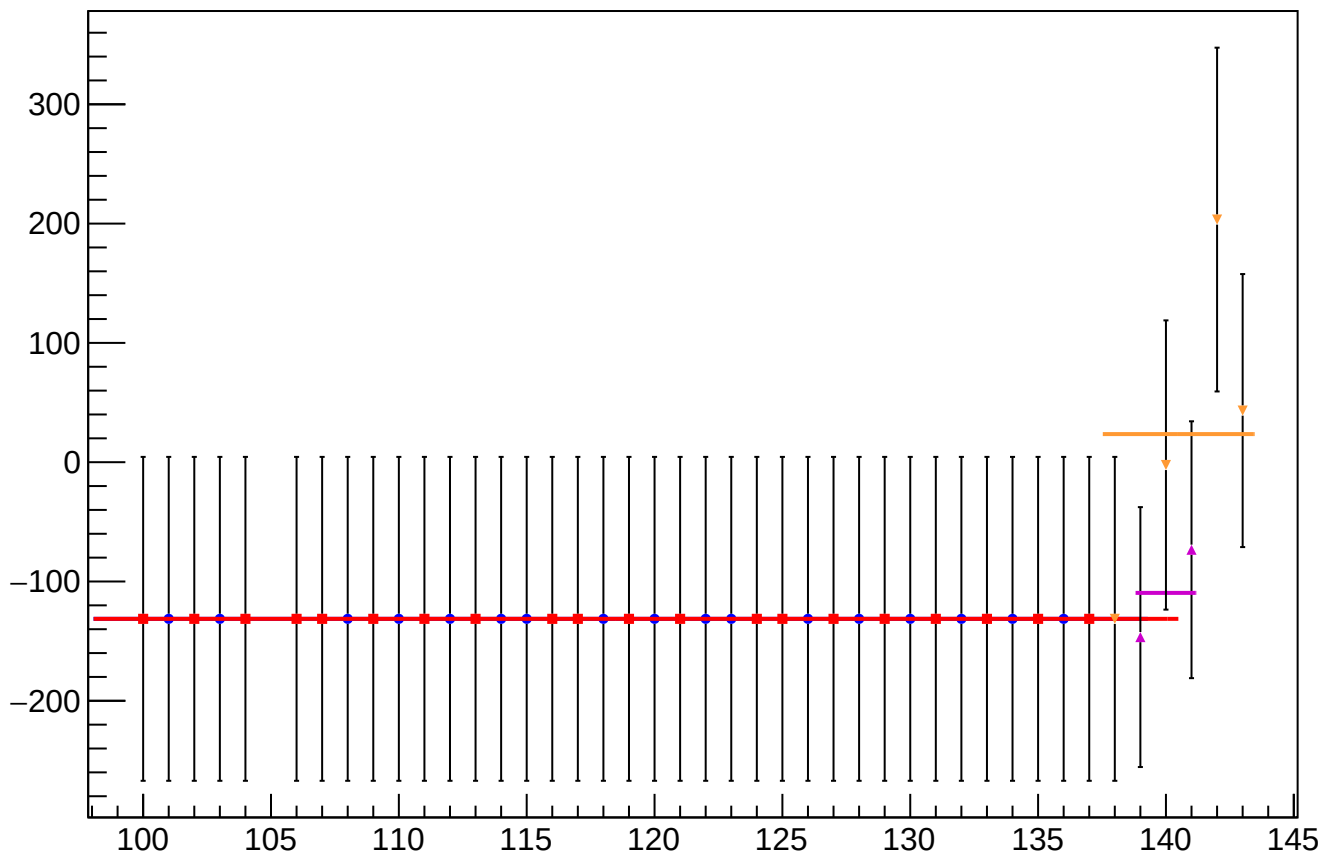
Right Out: 1041.580+/-0.195 χ^2 /NDF: 0.0/19

Left In: 955.249+/-0.537 χ^2 /NDF:95501.9/1

1008.888+/-0.186 χ^2 /NDF: 145570.1/20

1031.519+/-0.183 χ^2 /NDF: 118365.3/21

dit_asym_sam_26_48_dd_mean vs Slug



Right In: -131.308 $\pm$ 32.926 χ^2 /NDF: 0.0/16

Left Out: 23.561 $\pm$ 63.649 χ^2 /NDF:2.9/3

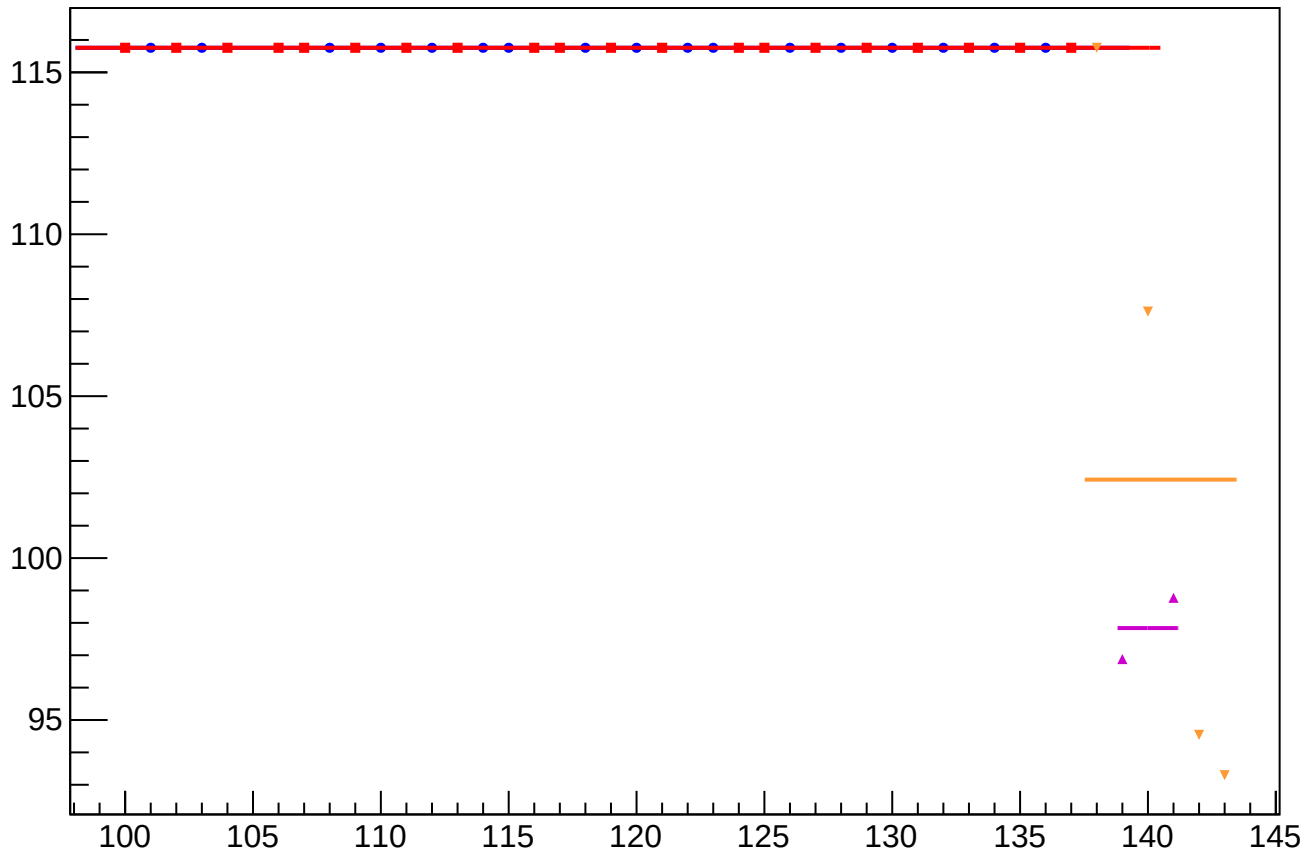
Right Out: -131.308 $\pm$ 30.356 χ^2 /NDF: 0.0/19

Left In: -109.551 $\pm$ 76.570 χ^2 /NDF:0.2/1

-98.614 $\pm$ 29.244 χ^2 /NDF: 7.6/20

-128.353 $\pm$ 28.219 χ^2 /NDF: 0.3/21

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 115.759 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 102.423 $\pm$ 0.045 χ^2 /NDF:41670.1/3

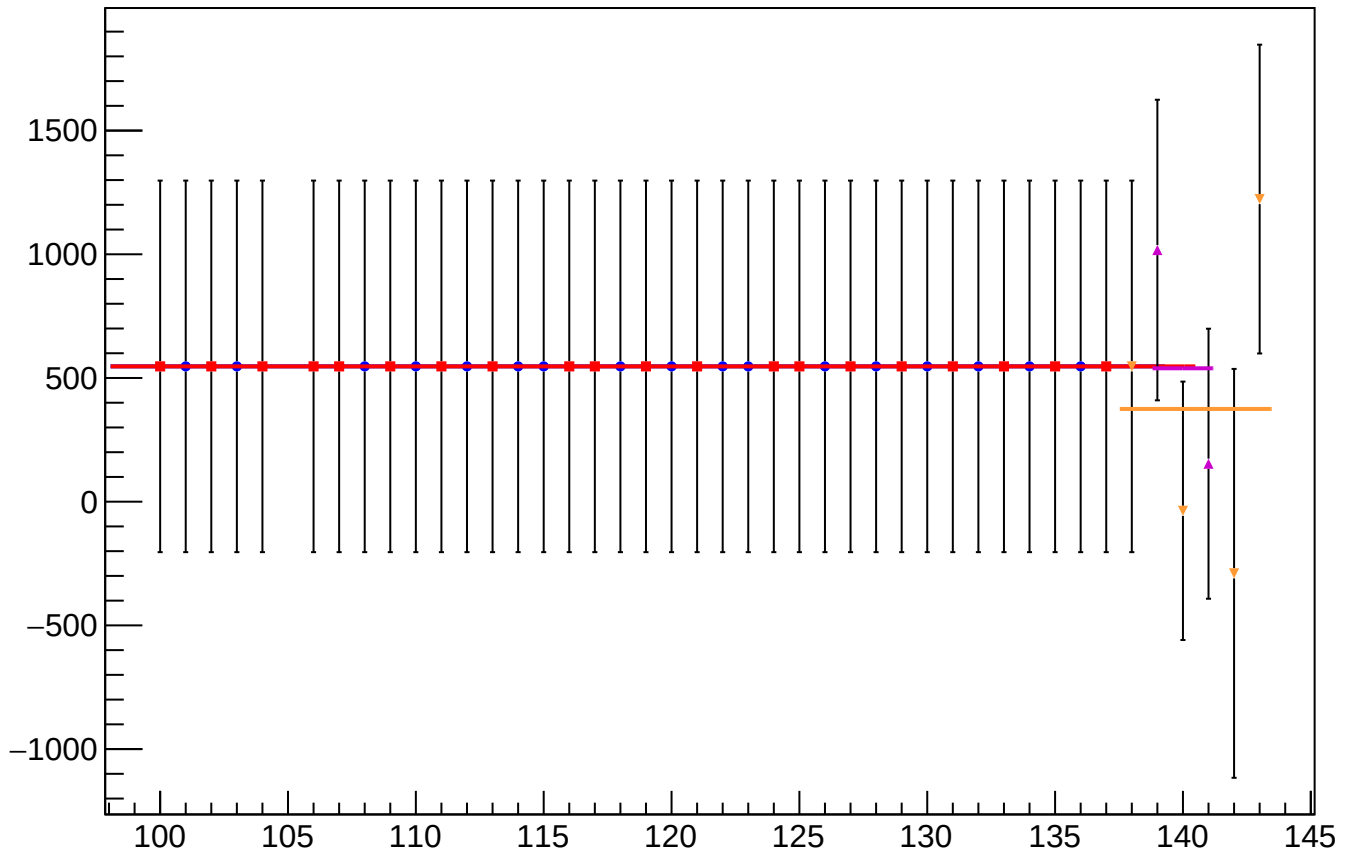
Right Out: 115.759 $\pm$ 0.021 χ^2 /NDF: 0.0/19

Left In: 97.839 $\pm$ 0.054 χ^2 /NDF:305.2/1

112.944 $\pm$ 0.021 χ^2 /NDF: 110928.9/20

113.325 $\pm$ 0.020 χ^2 /NDF: 94966.0/21

asym_sam_26_48_dd_correction_mean vs Slug



Right In: 546.906 $\pm$ 182.124 χ^2 /NDF: 0.0/16

Left Out: 374.889 $\pm$ 324.934 χ^2 /NDF: 3.2/3

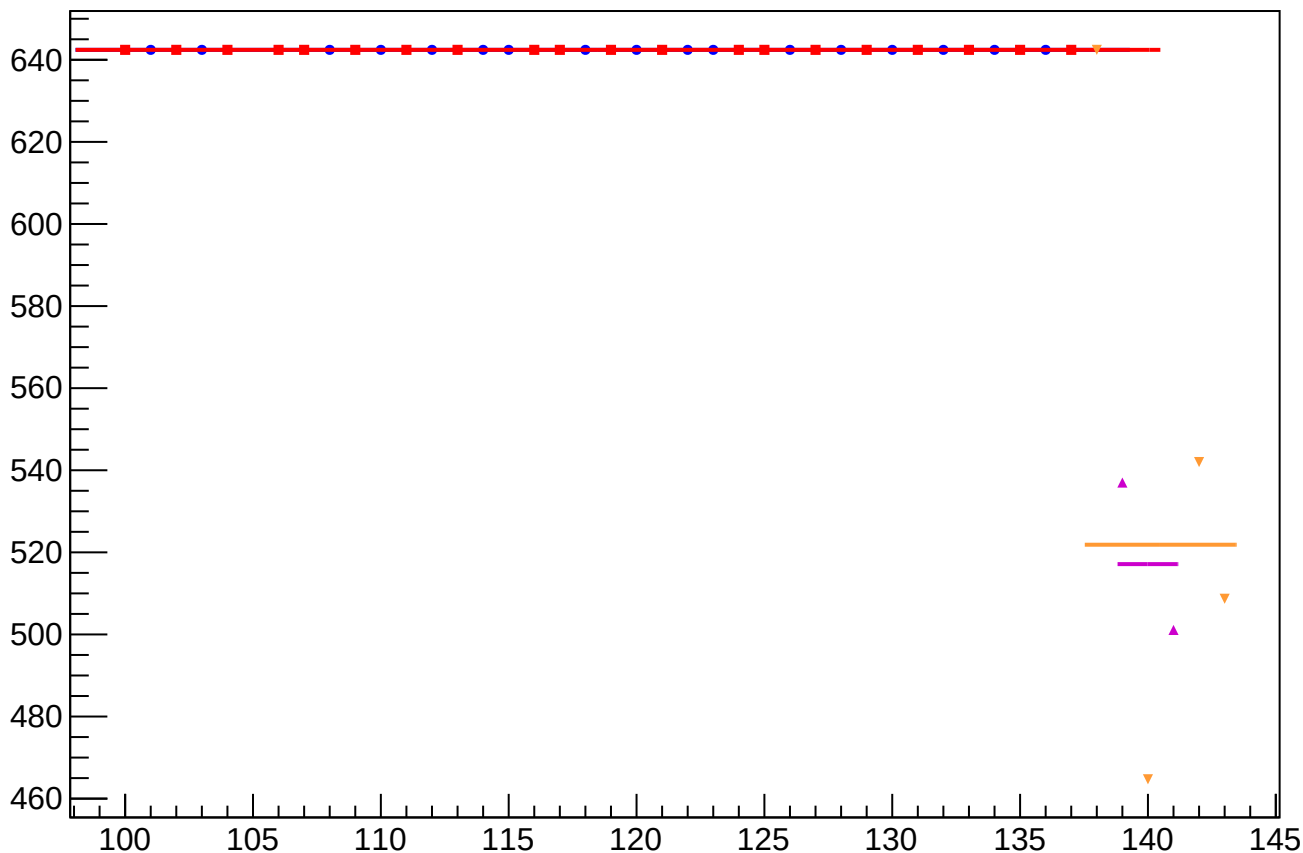
Right Out: 546.906 $\pm$ 167.910 χ^2 /NDF: 0.0/19

Left In: 539.171 $\pm$ 405.969 χ^2 /NDF: 1.1/1

505.785 $\pm$ 158.871 χ^2 /NDF: 3.4/20

545.777 $\pm$ 155.162 χ^2 /NDF: 1.1/21

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 642.426 $\pm$ 0.129 χ^2 /NDF: 0.0/16

Left Out: 521.859 $\pm$ 0.230 χ^2 /NDF: 77581.8/3

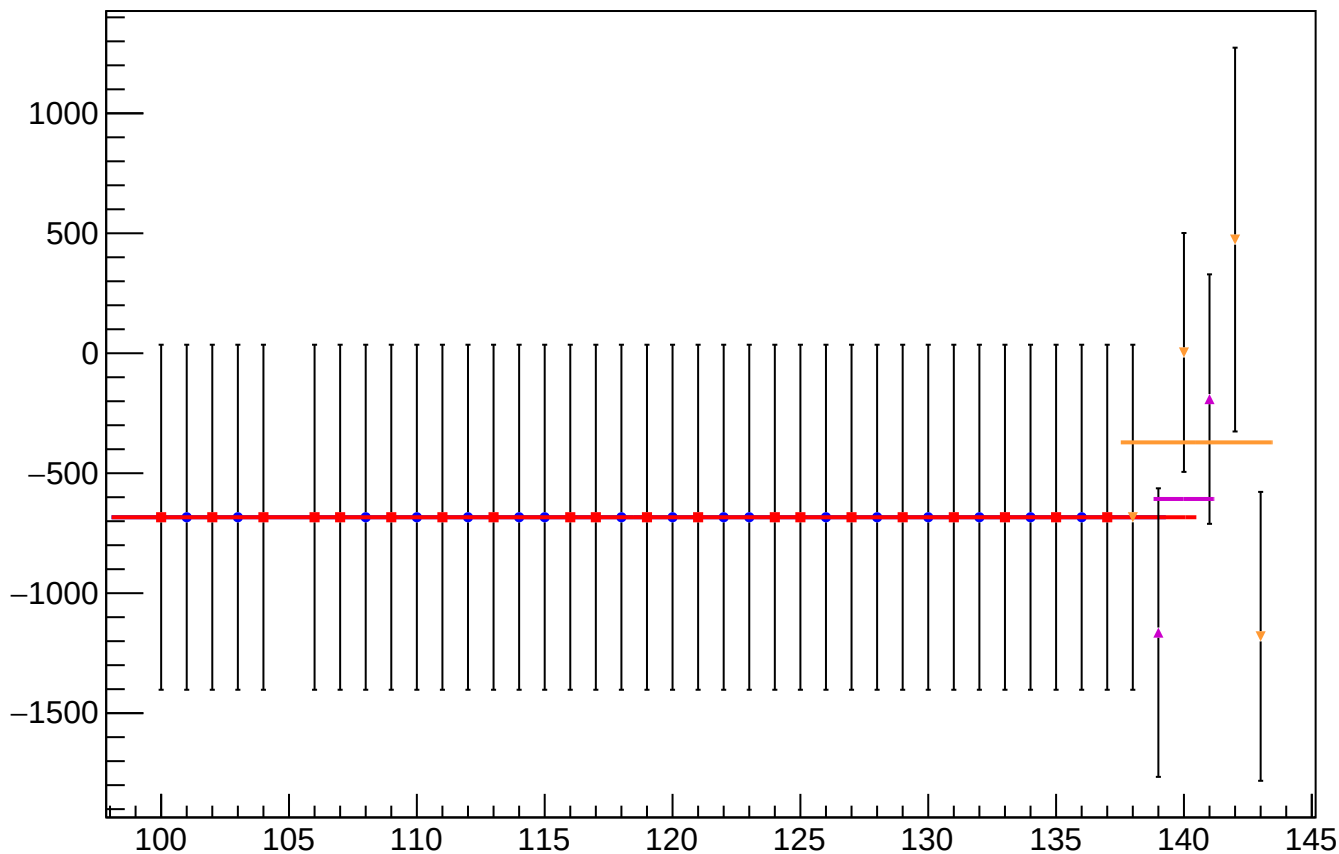
Right Out: 642.426 $\pm$ 0.119 χ^2 /NDF: 0.0/19

Left In: 517.135 $\pm$ 0.287 χ^2 /NDF: 3866.5/1

613.604 $\pm$ 0.112 χ^2 /NDF: 287110.0/20

624.123 $\pm$ 0.110 χ^2 /NDF: 166533.3/21

asym_sam_26_48_dd_mean vs Slug



Right In: -683.475+/-174.389 χ^2/NDF : 0.0/16

Left Out: -371.449+/-311.708 χ^2/NDF :3.7/3

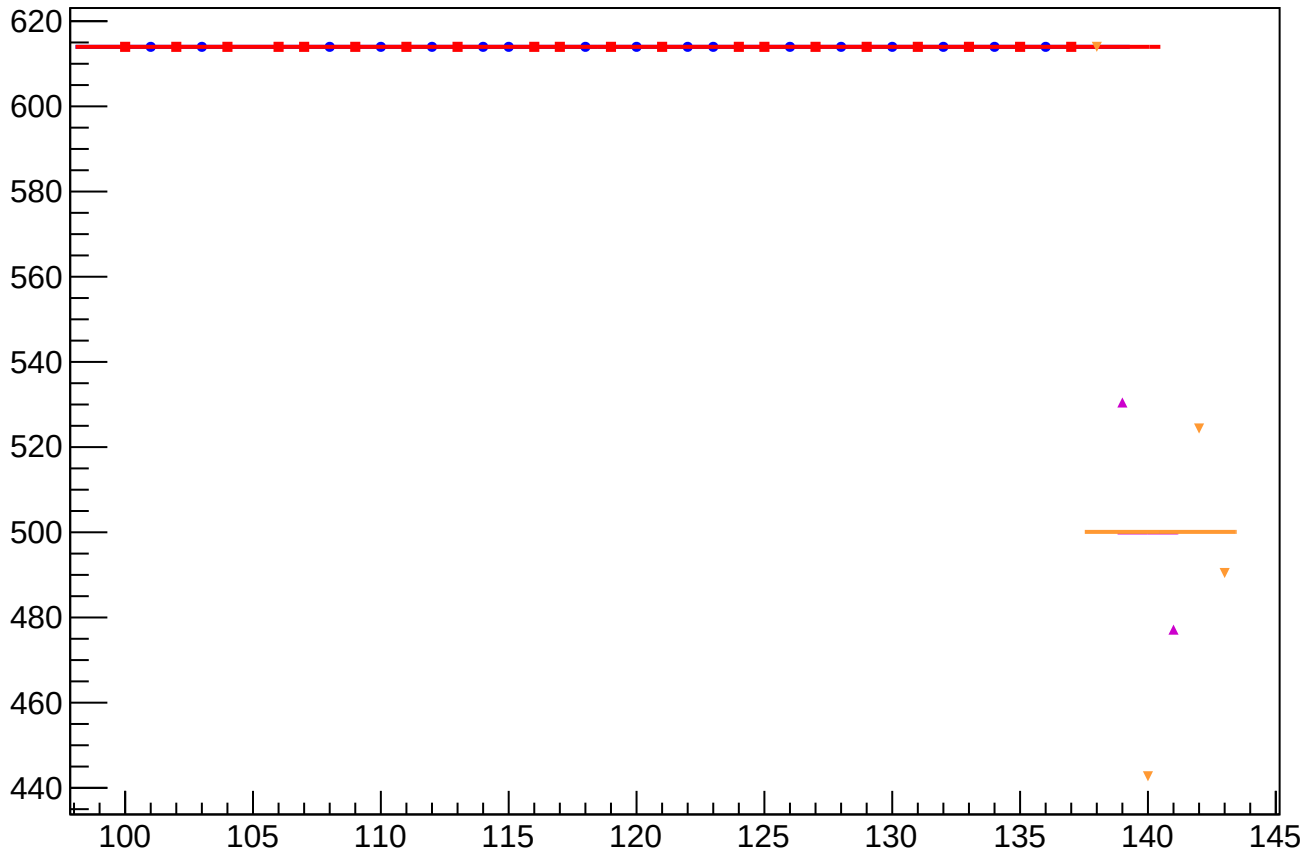
Right Out: -683.475+/-160.778 χ^2/NDF : 0.0/19

Left In: -607.320+/-393.272 χ^2/NDF :1.5/1

-609.093+/-152.190 χ^2/NDF : 4.4/20

-672.570+/-148.822 χ^2/NDF : 1.5/21

asym_sam_26_48_dd_rms vs Slug



Right In: 613.974 $\pm$ 0.123 χ^2 /NDF: 0.0/16

Left Out: 500.096 $\pm$ 0.220 χ^2 /NDF: 79101.4/3

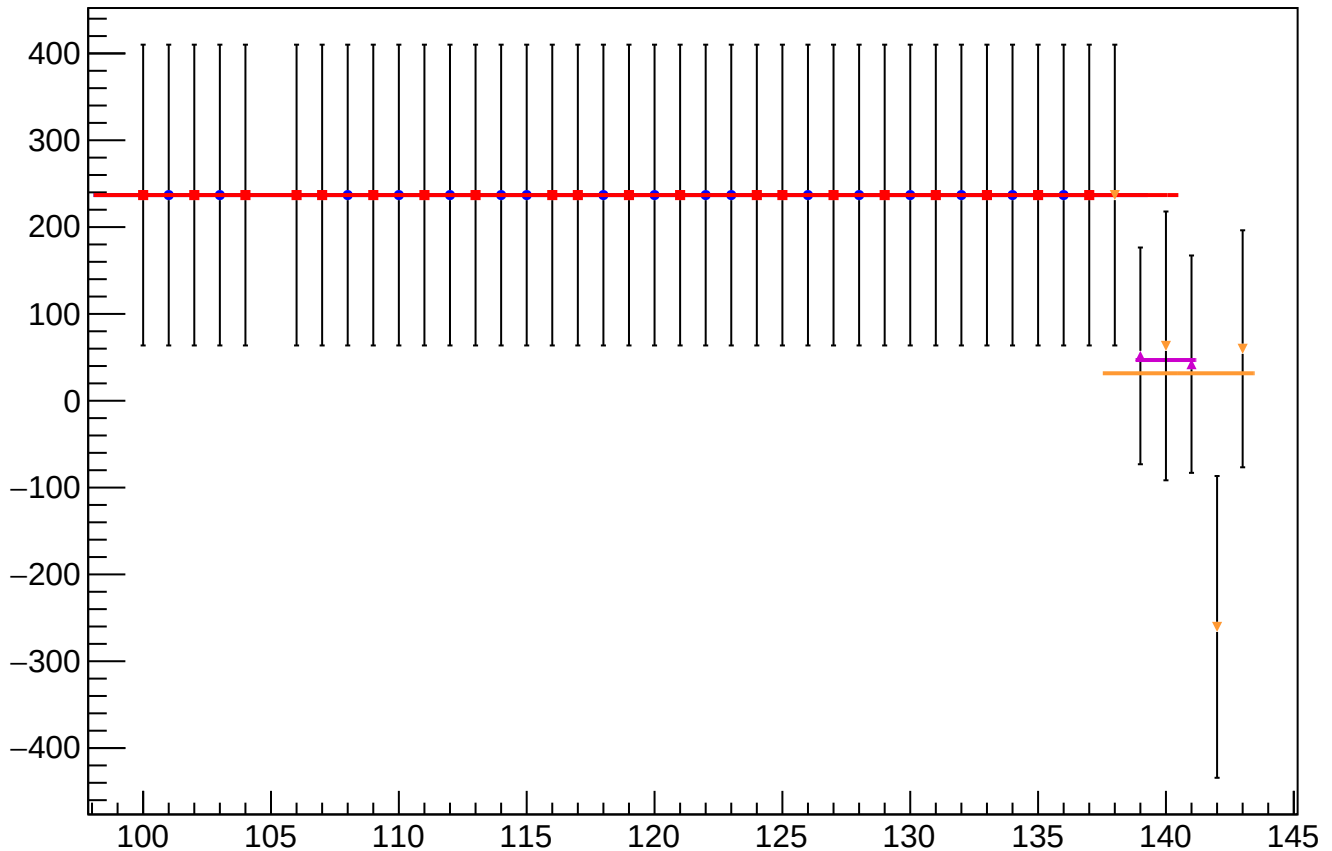
Right Out: 613.974 $\pm$ 0.114 χ^2 /NDF: 0.0/19

Left In: 499.960 $\pm$ 0.278 χ^2 /NDF: 9002.2/1

586.827 $\pm$ 0.108 χ^2 /NDF: 282407.4/20

597.647 $\pm$ 0.105 χ^2 /NDF: 153028.7/21

dit_asym_sam_1548_avg_mean vs Slug



Right In: 236.881 $\pm$ 42.009 χ^2 /NDF: 0.0/16

Left Out: 31.634 $\pm$ 78.597 χ^2 /NDF:4.3/3

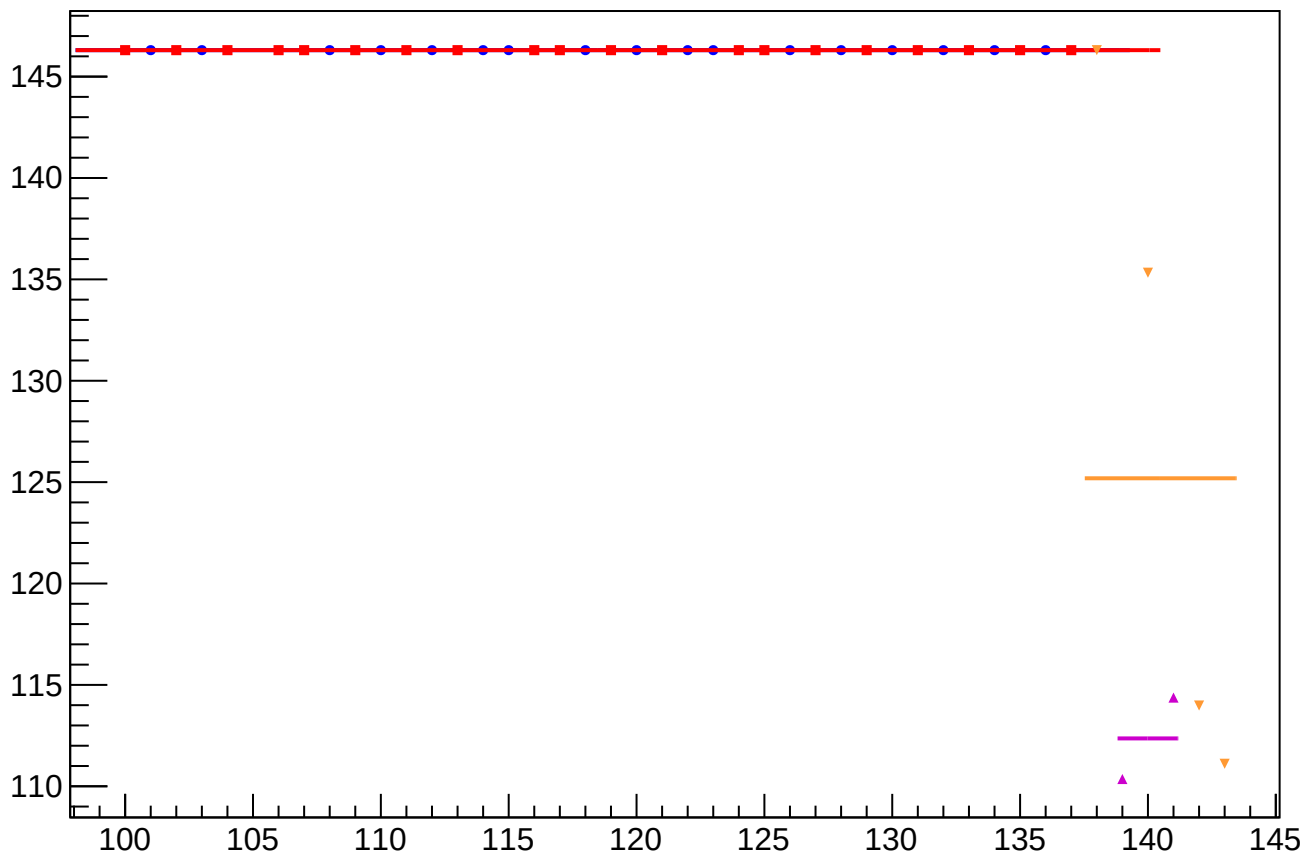
Right Out: 236.881 $\pm$ 38.730 χ^2 /NDF: 0.0/19

Left In: 46.913 $\pm$ 88.377 χ^2 /NDF:0.0/1

191.276 $\pm$ 37.049 χ^2 /NDF: 9.6/20

206.275 $\pm$ 35.473 χ^2 /NDF: 3.9/21

dit_asym_sam_1548_avg_rms vs Slug



Right In: 146.305 $\pm$ 0.030 χ^2 /NDF: 0.0/16

Left Out: 125.190 $\pm$ 0.056 χ^2 /NDF:67907.1/3

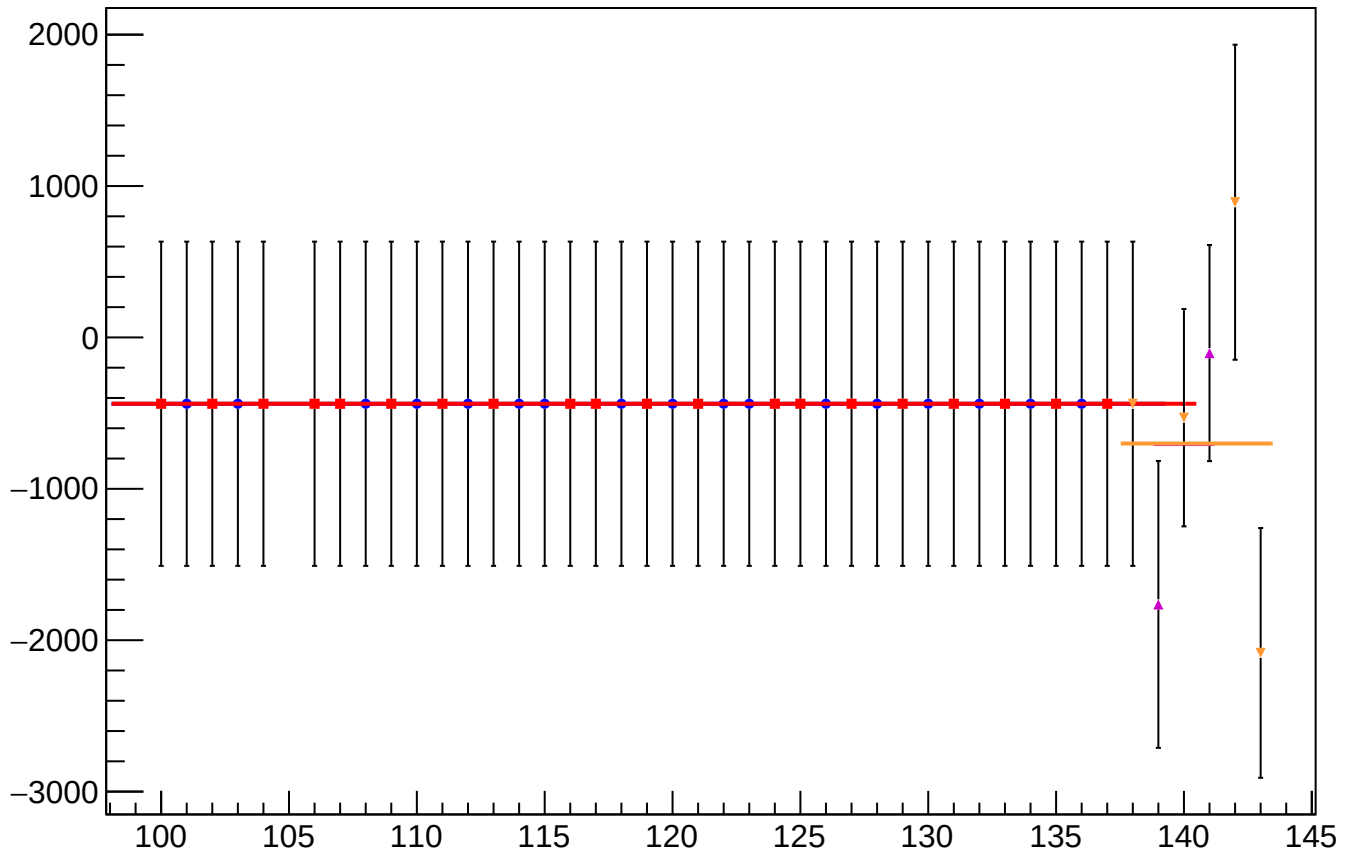
Right Out: 146.305 $\pm$ 0.027 χ^2 /NDF: 0.0/19

Left In: 112.361 $\pm$ 0.062 χ^2 /NDF:1032.1/1

141.613 $\pm$ 0.026 χ^2 /NDF: 180177.4/20

140.836 $\pm$ 0.025 χ^2 /NDF: 248538.0/21

asym_sam_1548_avg_correction_mean vs Slug



Right In: -438.169+/-259.758 χ^2/NDF : 0.0/16

Left Out: -700.821+/-438.357 χ^2/NDF : 5.3/3

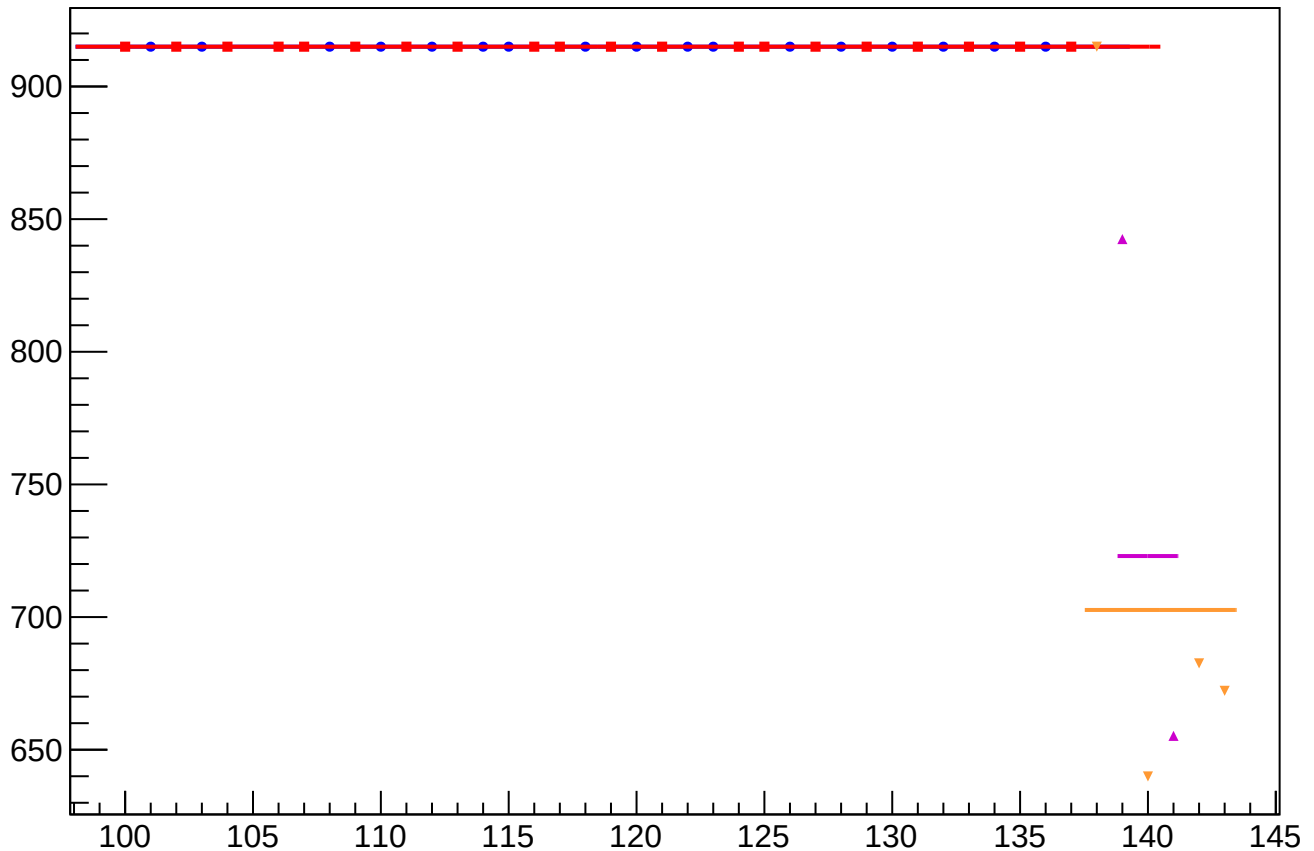
Right Out: -438.169+/-239.485 χ^2/NDF : 0.0/19

Left In: -704.339+/-570.105 χ^2/NDF : 2.0/1

-506.428+/-223.470 χ^2/NDF : 5.5/20

-478.093+/-220.795 χ^2/NDF : 2.1/21

asym_sam_1548_avg_correction_rms vs Slug



Right In: 915.008 $\pm$ 0.184 χ^2 /NDF: 0.0/16

Left Out: 702.682 $\pm$ 0.310 χ^2 /NDF:97363.4/3

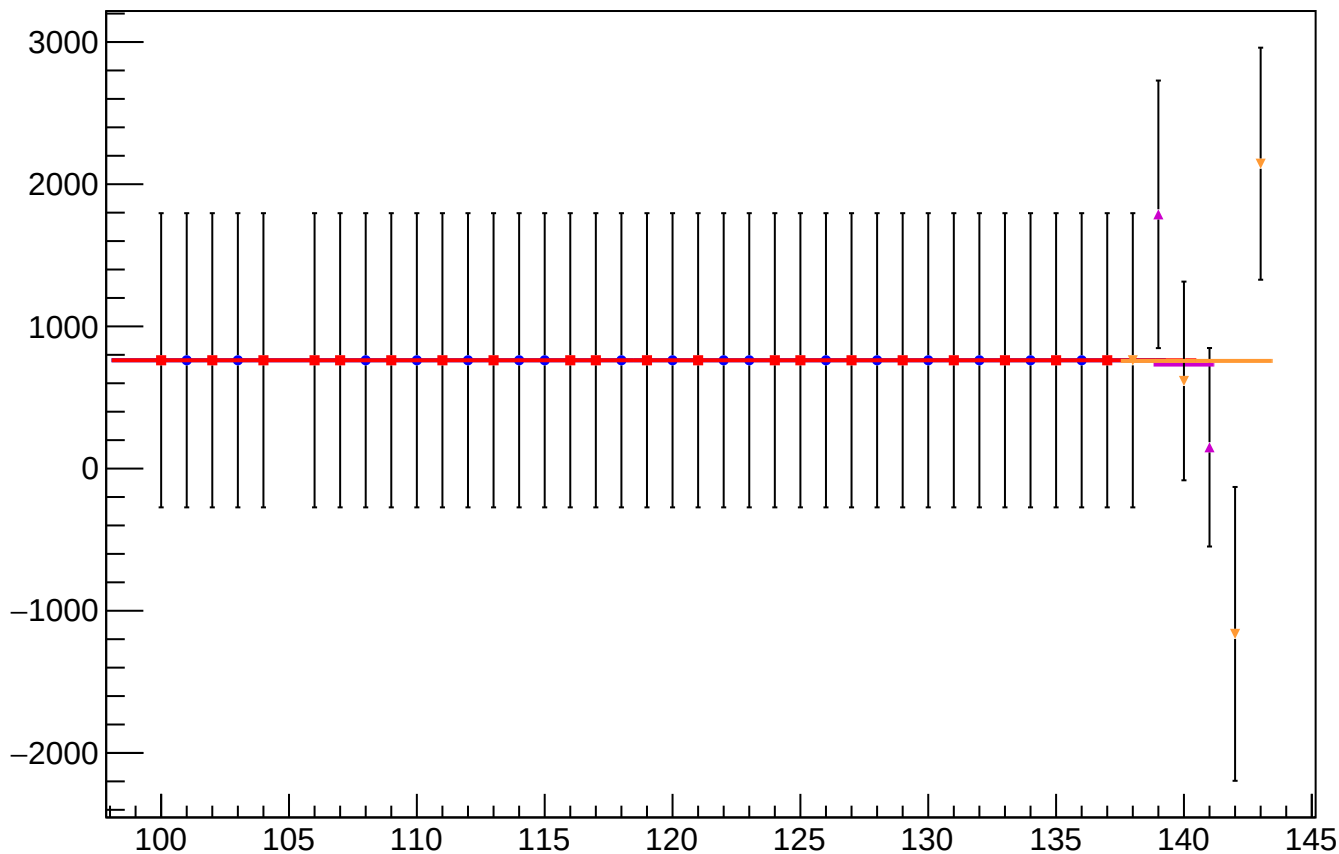
Right Out: 915.008 $\pm$ 0.169 χ^2 /NDF: 0.0/19

Left In: 723.005 $\pm$ 0.403 χ^2 /NDF:49834.8/1

859.828 $\pm$ 0.158 χ^2 /NDF: 444646.1/20

886.209 $\pm$ 0.156 χ^2 /NDF: 242659.2/21

asym_sam_1548_avg_mean vs Slug



Right In: 761.735 $\pm$ 250.914 χ^2/NDF : 0.0/16

Left Out: 757.250 $\pm$ 429.491 χ^2/NDF : 6.4/3

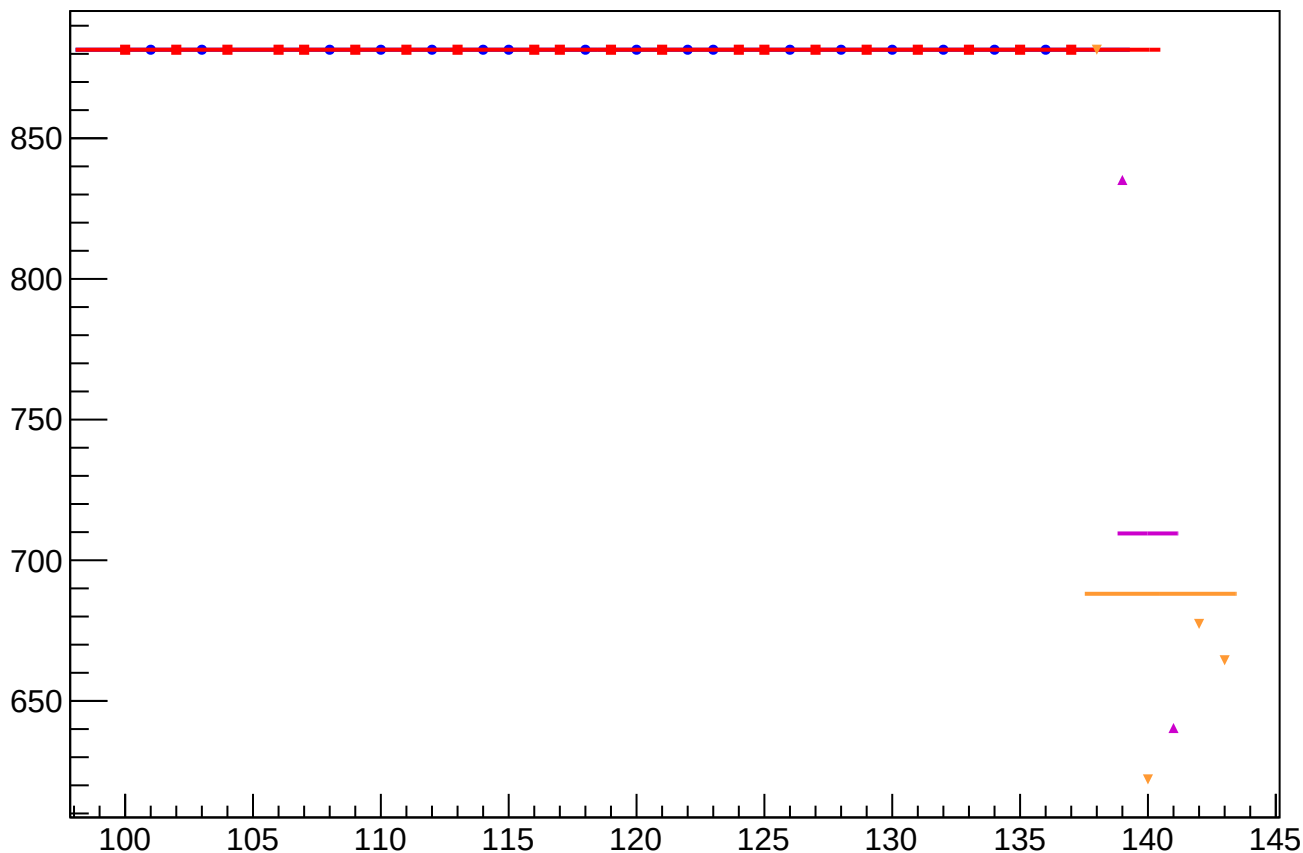
Right Out: 761.735 $\pm$ 231.331 χ^2/NDF : 0.0/19

Left In: 731.501 $\pm$ 560.607 χ^2/NDF : 2.0/1

760.594 $\pm$ 216.651 χ^2/NDF : 6.4/20

757.336 $\pm$ 213.841 χ^2/NDF : 2.0/21

asym_sam_1548_avg_rms vs Slug



Right In: 881.467 $\pm$ 0.177 χ^2 /NDF: 0.0/16

Left Out: 688.086 $\pm$ 0.304 χ^2 /NDF:89609.4/3

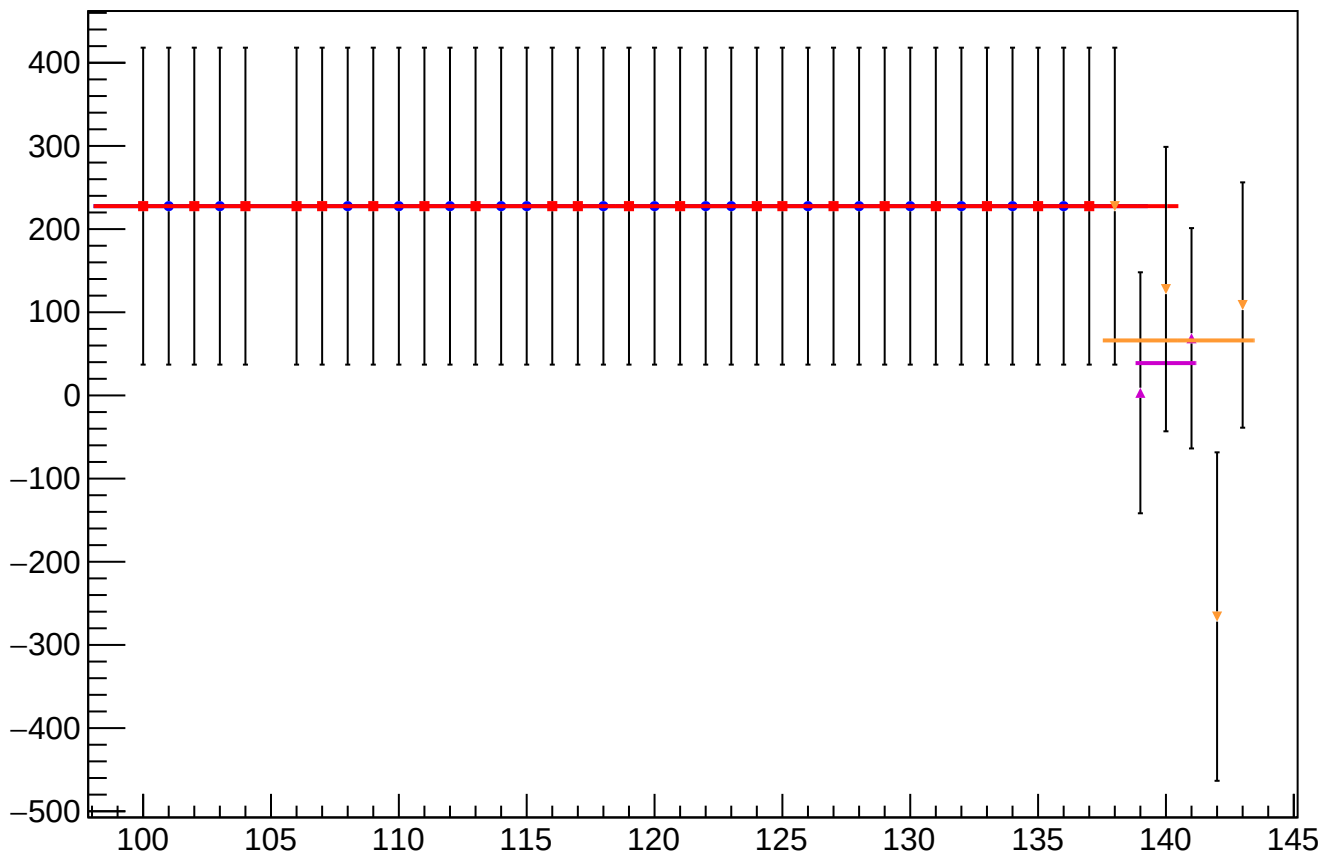
Right Out: 881.467 $\pm$ 0.164 χ^2 /NDF: 0.0/19

Left In: 709.533 $\pm$ 0.396 χ^2 /NDF:55295.7/1

832.260 $\pm$ 0.153 χ^2 /NDF: 391899.7/20

856.451 $\pm$ 0.151 χ^2 /NDF: 216046.4/21

dit_asym_sam_3748_avg_mean vs Slug



Right In: 227.596 $\pm$ 46.216 χ^2 /NDF: 0.0/16

Left Out: 66.131 $\pm$ 86.597 χ^2 /NDF:3.8/3

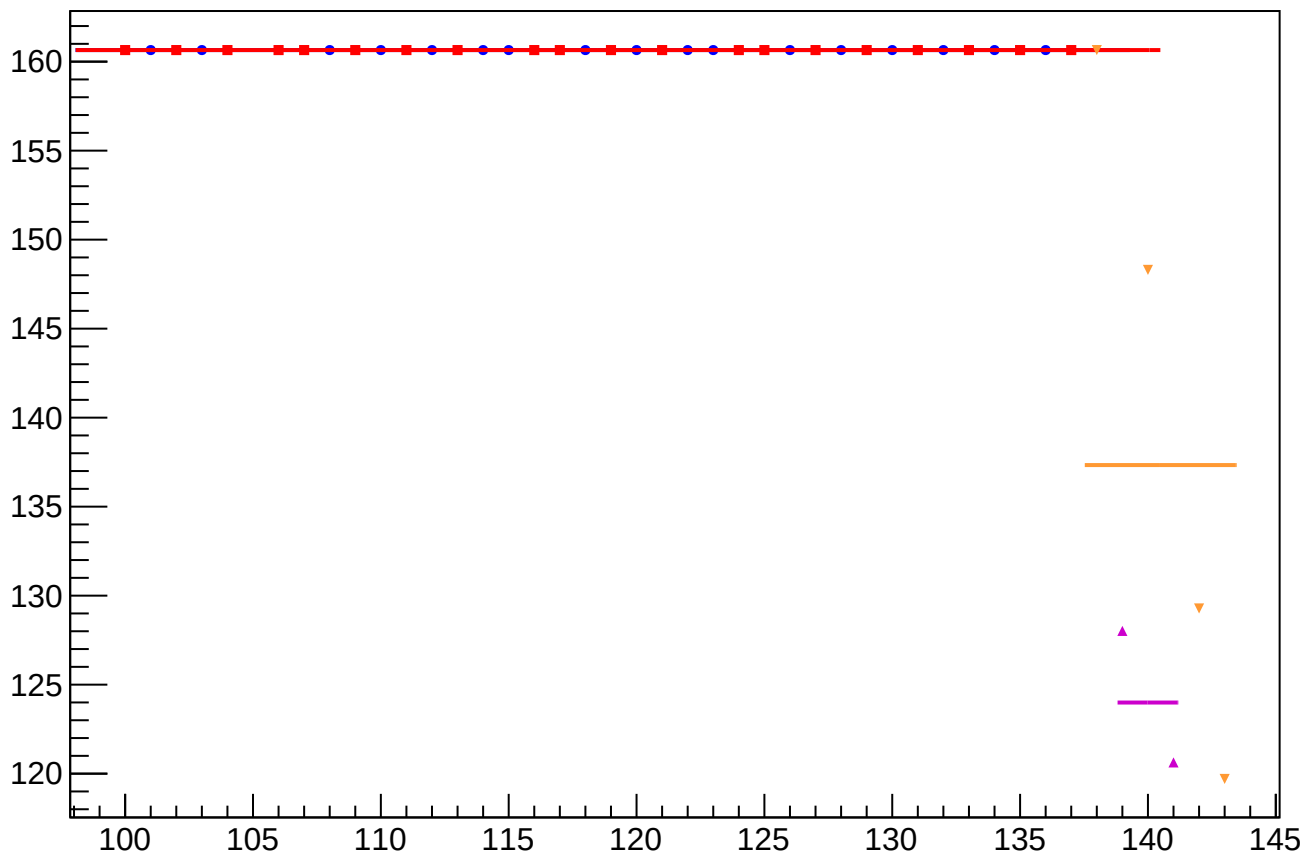
Right Out: 227.596 $\pm$ 42.609 χ^2 /NDF: 0.0/19

Left In: 38.877 $\pm$ 97.771 χ^2 /NDF:0.1/1

191.801 $\pm$ 40.773 χ^2 /NDF: 6.5/20

197.474 $\pm$ 39.061 χ^2 /NDF: 3.2/21

dit_asym_sam_3748_avg_rms vs Slug



Right In: 160.650 $\pm$ 0.033 χ^2 /NDF: 0.0/16

Left Out: 137.336 $\pm$ 0.061 χ^2 /NDF: 70073.8/3

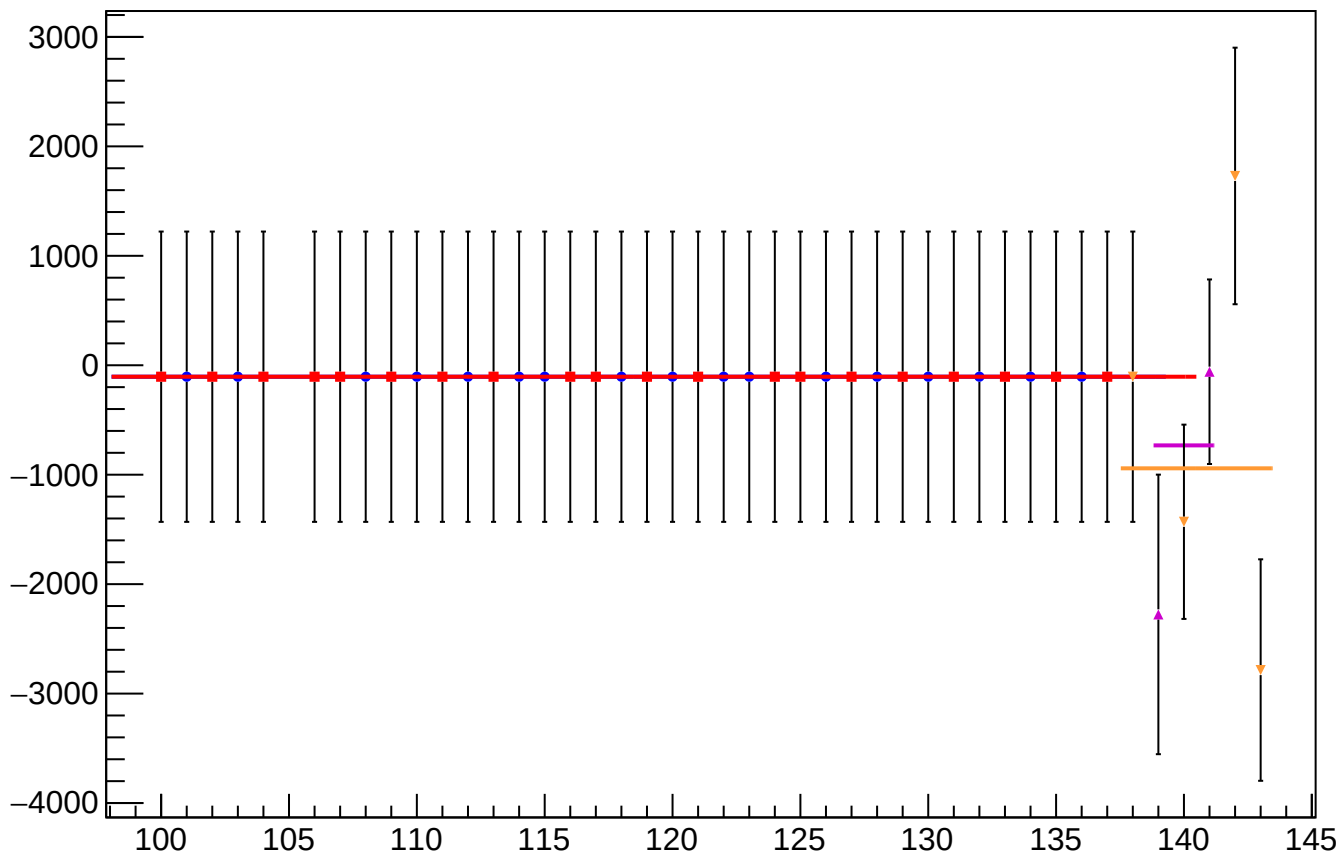
Right Out: 160.650 $\pm$ 0.030 χ^2 /NDF: 0.0/19

Left In: 123.995 $\pm$ 0.069 χ^2 /NDF: 2833.1/1

155.482 $\pm$ 0.029 χ^2 /NDF: 182903.6/20

154.799 $\pm$ 0.028 χ^2 /NDF: 239070.8/21

asym_sam_3748_avg_correction_mean vs Slug



Right In: -104.711+/-321.680 χ^2/NDF : 0.0/16

Left Out: -941.782+/-531.303 χ^2/NDF : 9.2/3

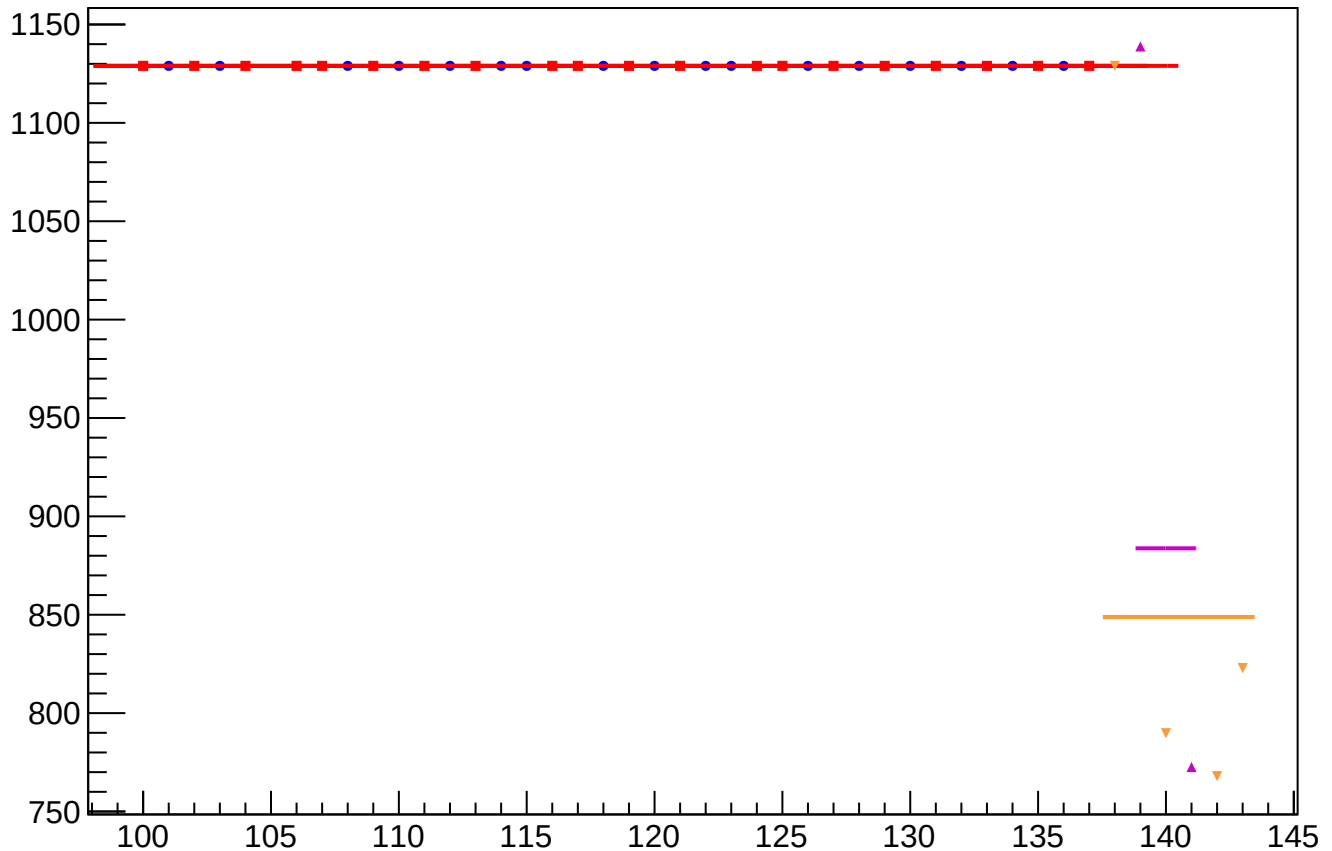
Right Out: -104.711+/-296.574 χ^2/NDF : 0.0/19

Left In: -732.166+/-703.627 χ^2/NDF : 2.1/1

-329.250+/-275.174 χ^2/NDF : 11.0/20

-199.366+/-273.290 χ^2/NDF : 2.8/21

asym_sam_3748_avg_correction_rms vs Slug



Right In: 1128.979 $\pm$ 0.227 χ^2 /NDF: 0.0/16

Left Out: 848.857 $\pm$ 0.376 χ^2 /NDF:108921.1/3

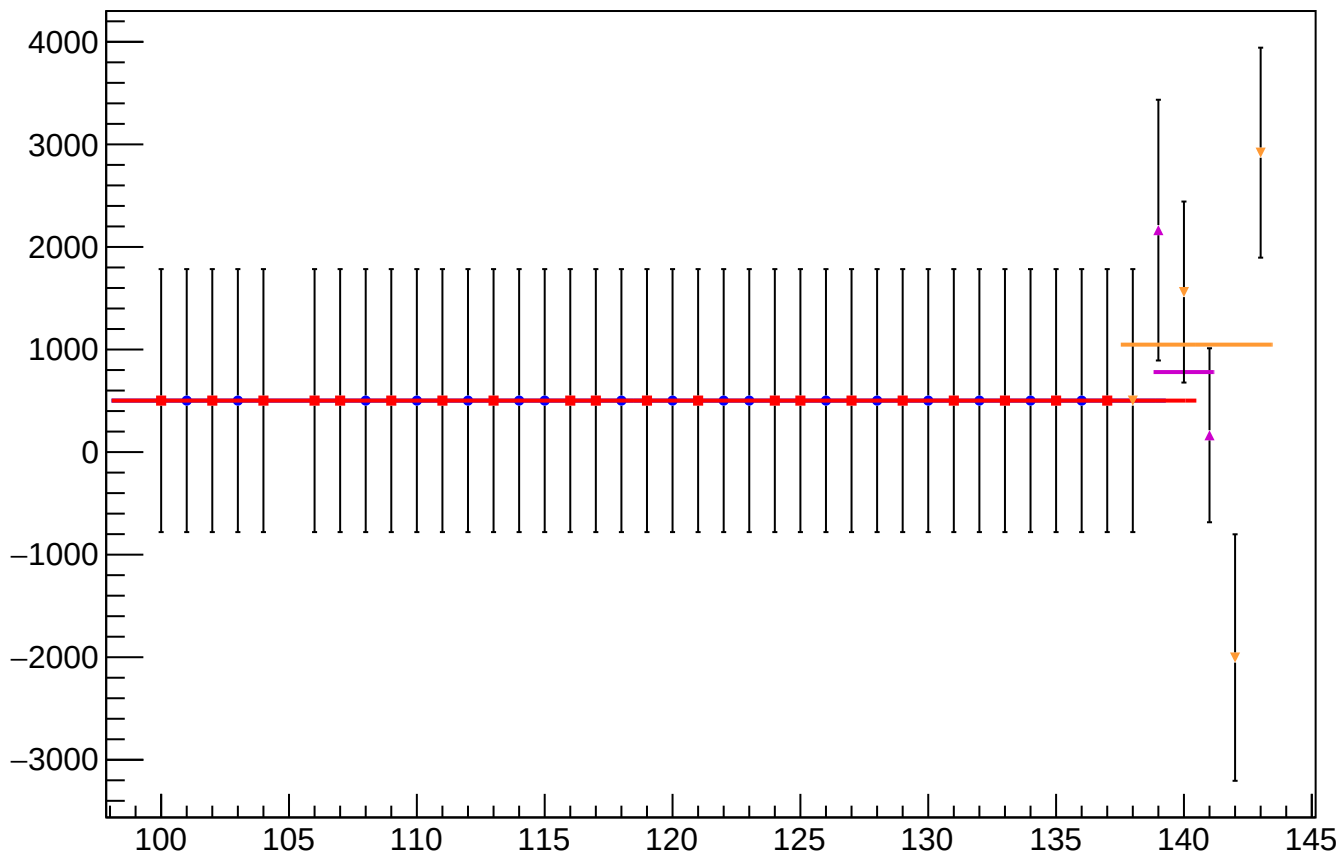
Right Out: 1128.979 $\pm$ 0.210 χ^2 /NDF: 0.0/19

Left In: 883.771 $\pm$ 0.498 χ^2 /NDF:114542.2/1

1053.838 $\pm$ 0.195 χ^2 /NDF: 515744.7/20

1091.988 $\pm$ 0.193 χ^2 /NDF: 320792.0/21

asym_sam_3748_avg_mean vs Slug



Right In: 502.043 $\pm$ 310.943 χ^2 /NDF: 0.0/16

Left Out: 1047.660 $\pm$ 531.534 χ^2 /NDF:10.3/3

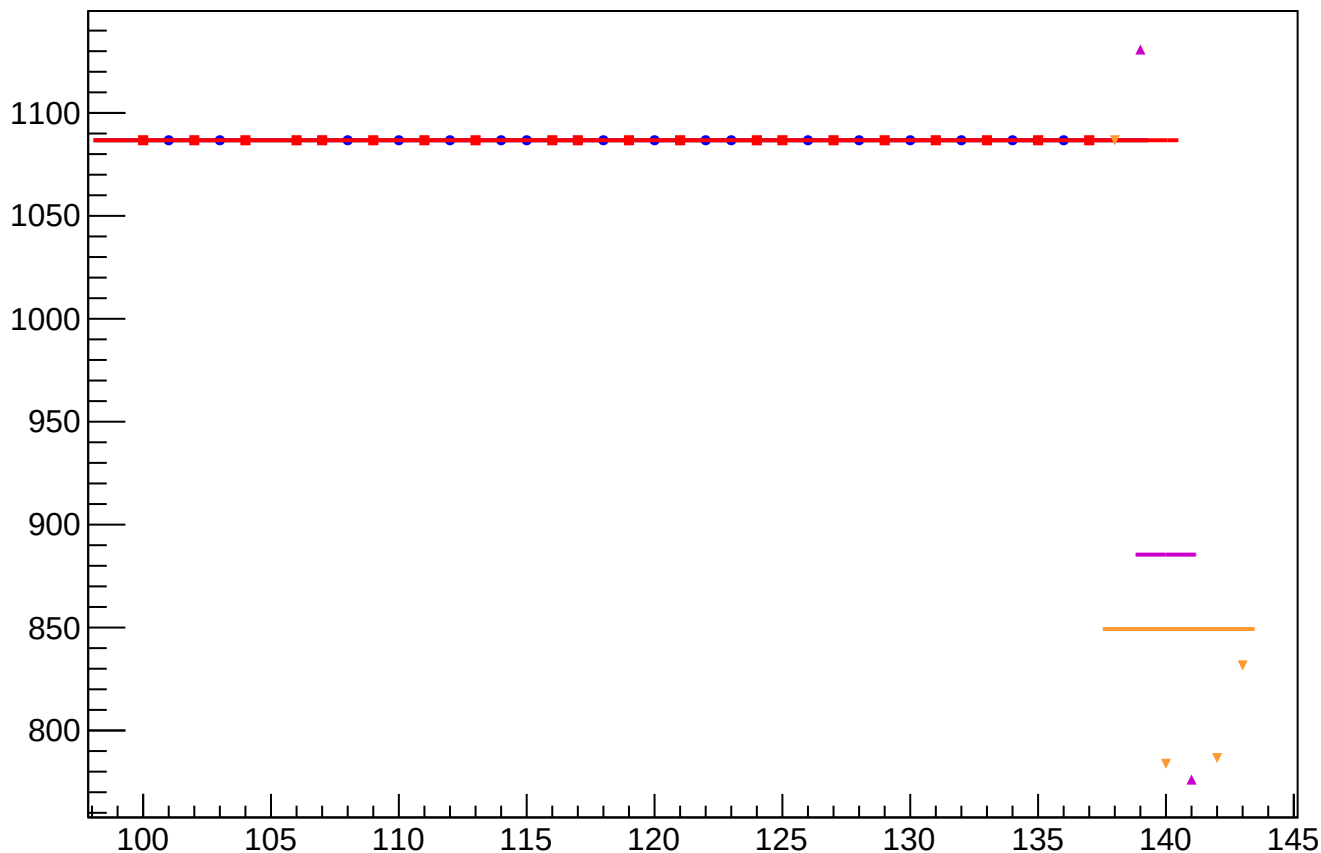
Right Out: 502.043 $\pm$ 286.675 χ^2 /NDF: 0.0/19

Left In: 780.250 $\pm$ 705.532 χ^2 /NDF:1.7/1

641.155 $\pm$ 268.392 χ^2 /NDF: 11.1/20

541.466 $\pm$ 265.588 χ^2 /NDF: 1.8/21

asym_sam_3748_avg_rms vs Slug



Right In: 1086.731+/-0.220 χ^2/NDF : 0.0/16

Left Out: 849.291+/-0.376 χ^2/NDF :85669.4/3

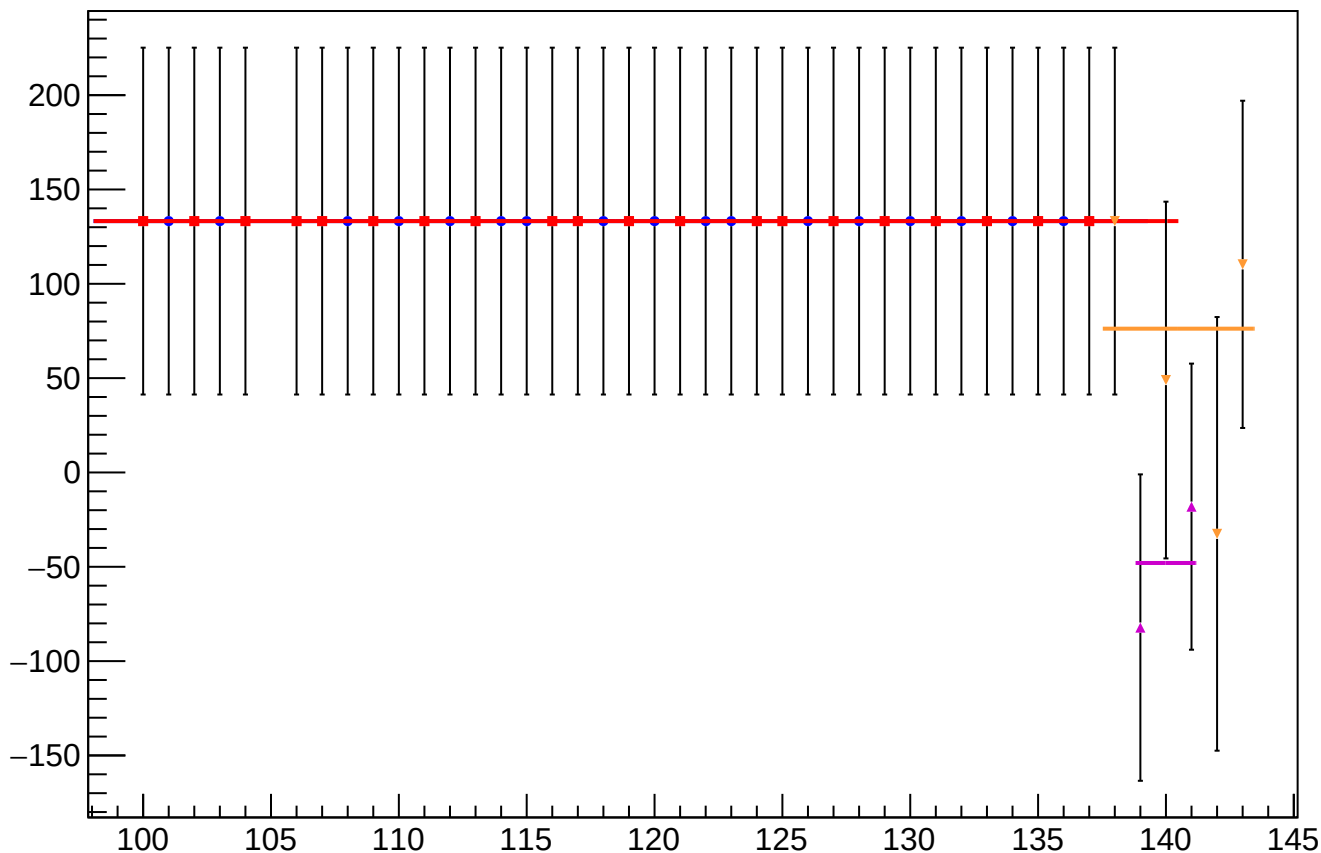
Right Out: 1086.731+/-0.203 χ^2/NDF : 0.0/19

Left In: 885.422+/-0.499 χ^2/NDF :107732.4/1

1026.193+/-0.190 χ^2/NDF : 383008.7/20

1058.205+/-0.188 χ^2/NDF : 247485.0/21

dit_asym_sam_1526_avg_mean vs Slug



Right In: 133.239 $\pm$ 22.296 χ^2 /NDF: 0.0/16

Left Out: 76.216 $\pm$ 47.736 χ^2 /NDF:1.5/3

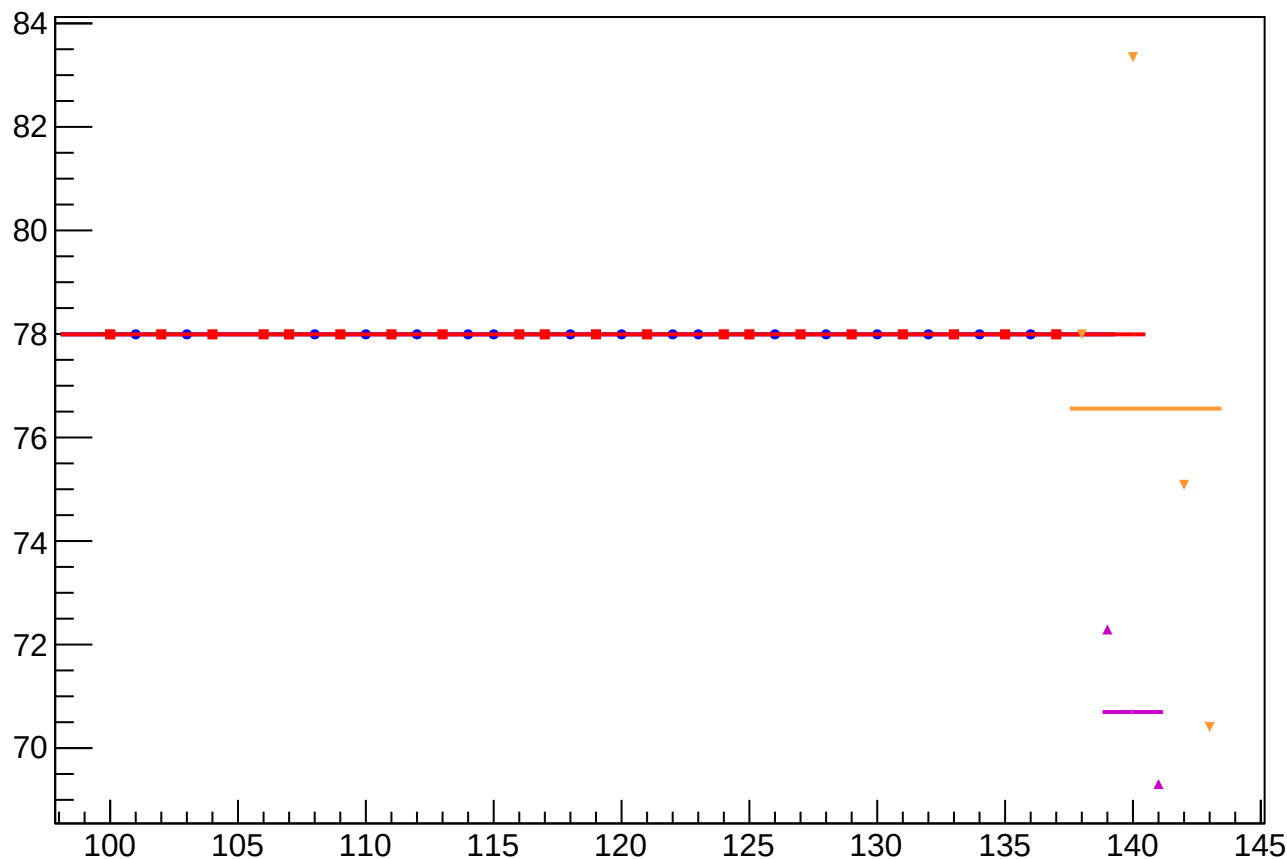
Right Out: 133.239 $\pm$ 20.556 χ^2 /NDF: 0.0/19

Left In: -47.982 $\pm$ 55.424 χ^2 /NDF:0.3/1

123.027 $\pm$ 20.201 χ^2 /NDF: 2.7/20

111.326 $\pm$ 19.273 χ^2 /NDF: 9.7/21

dit_asym_sam_1526_avg_rms vs Slug



Right In: 77.993 $\pm$ 0.016 χ^2 /NDF: 0.0/16

Left Out: 76.559 $\pm$ 0.034 χ^2 /NDF:21182.5/3

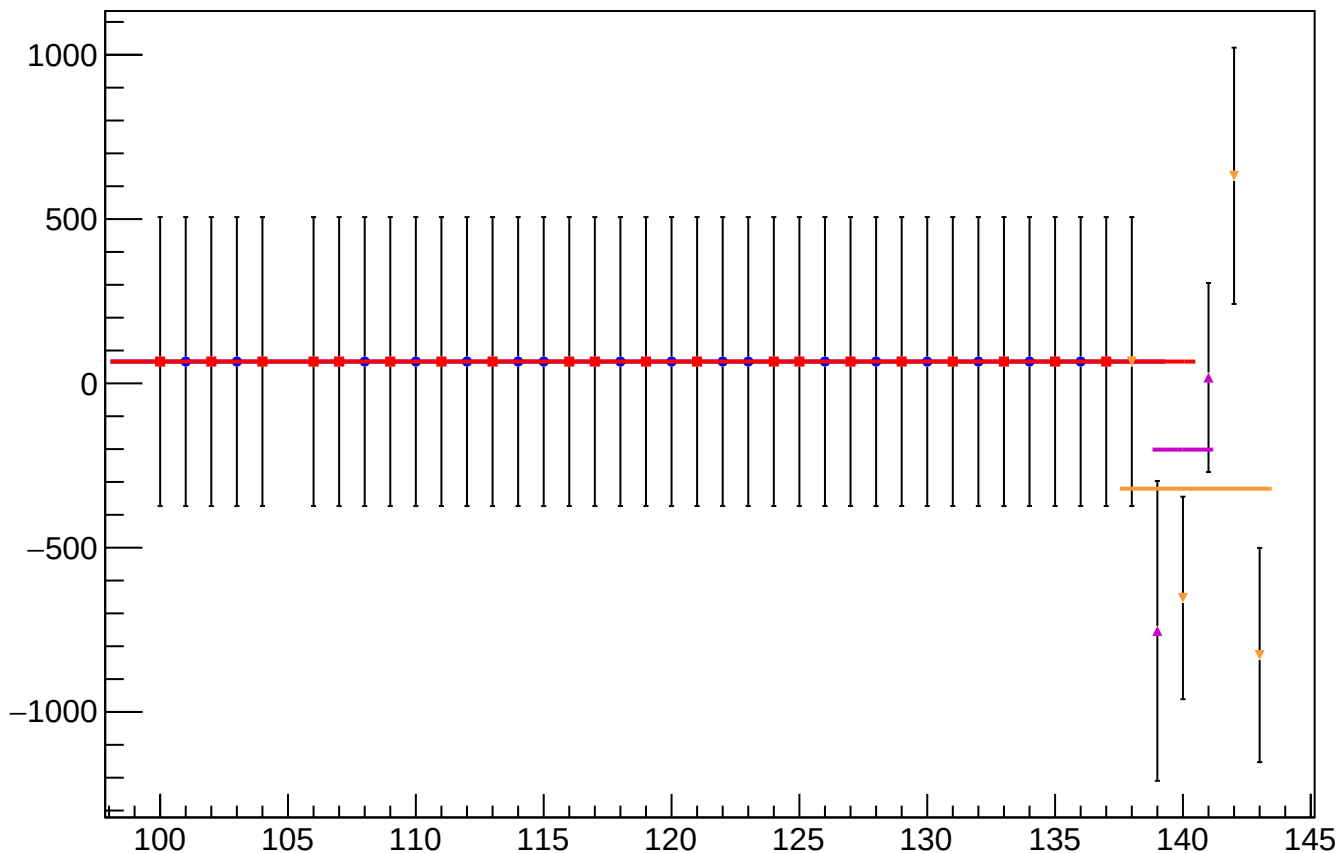
Right Out: 77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/19

Left In: 70.696 $\pm$ 0.039 χ^2 /NDF:1444.2/1

77.736 $\pm$ 0.014 χ^2 /NDF: 22663.5/20

77.110 $\pm$ 0.014 χ^2 /NDF: 31911.6/21

asym_sam_1526_avg_correction_mean vs Slug



Right In: 66.428+/-106.649 χ^2/NDF : 0.0/16

Left Out: -320.590+/-177.635 χ^2/NDF :10.3/3

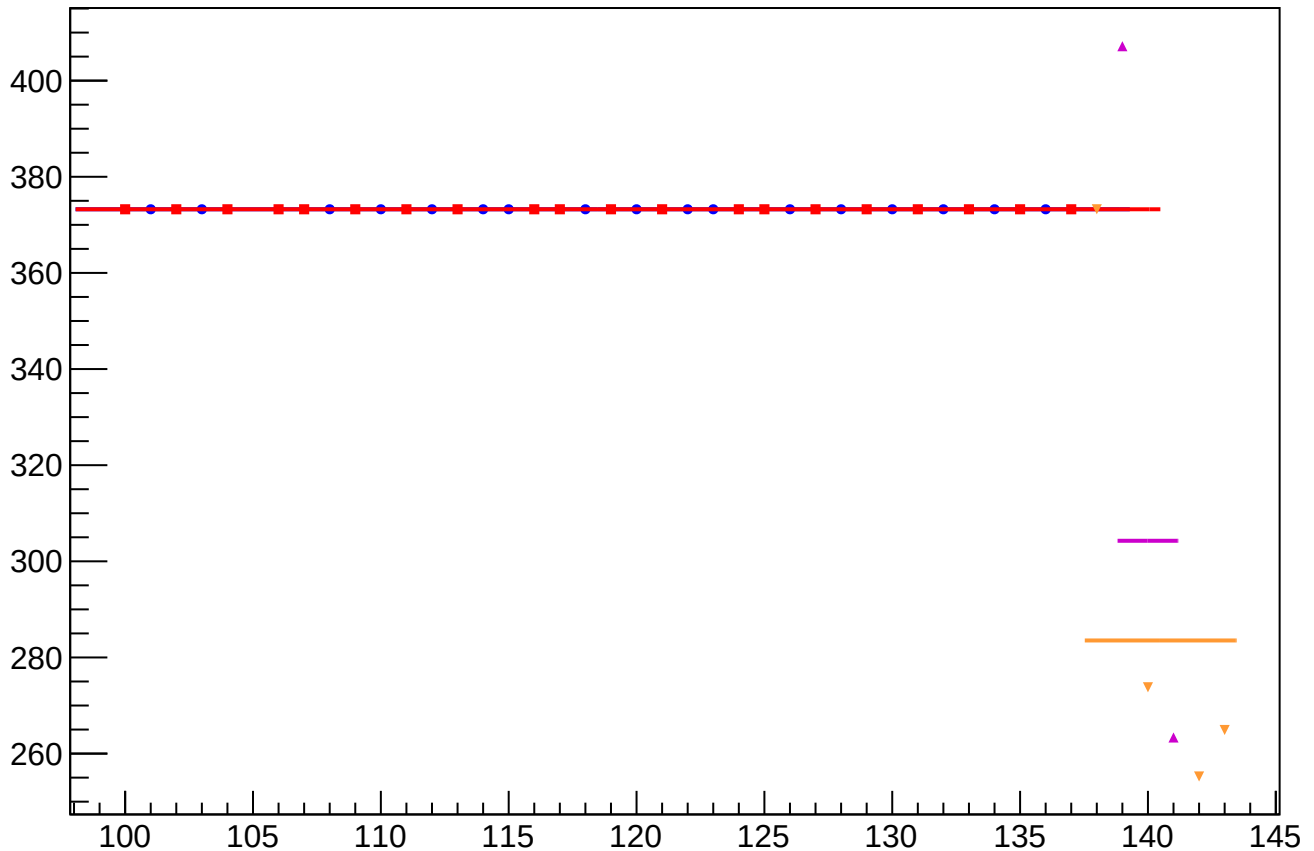
Right Out: 66.428+/-98.326 χ^2/NDF : 0.0/19

Left In: -201.608+/-243.383 χ^2/NDF :2.0/1

-36.115+/-91.435 χ^2/NDF : 13.8/20

28.820+/-91.167 χ^2/NDF : 3.1/21

asym_sam_1526_avg_correction_rms vs Slug



Right In: 373.239 $\pm$ 0.075 χ^2 /NDF: 0.0/16

Left Out: 283.535 $\pm$ 0.126 χ^2 /NDF:102288.3/3

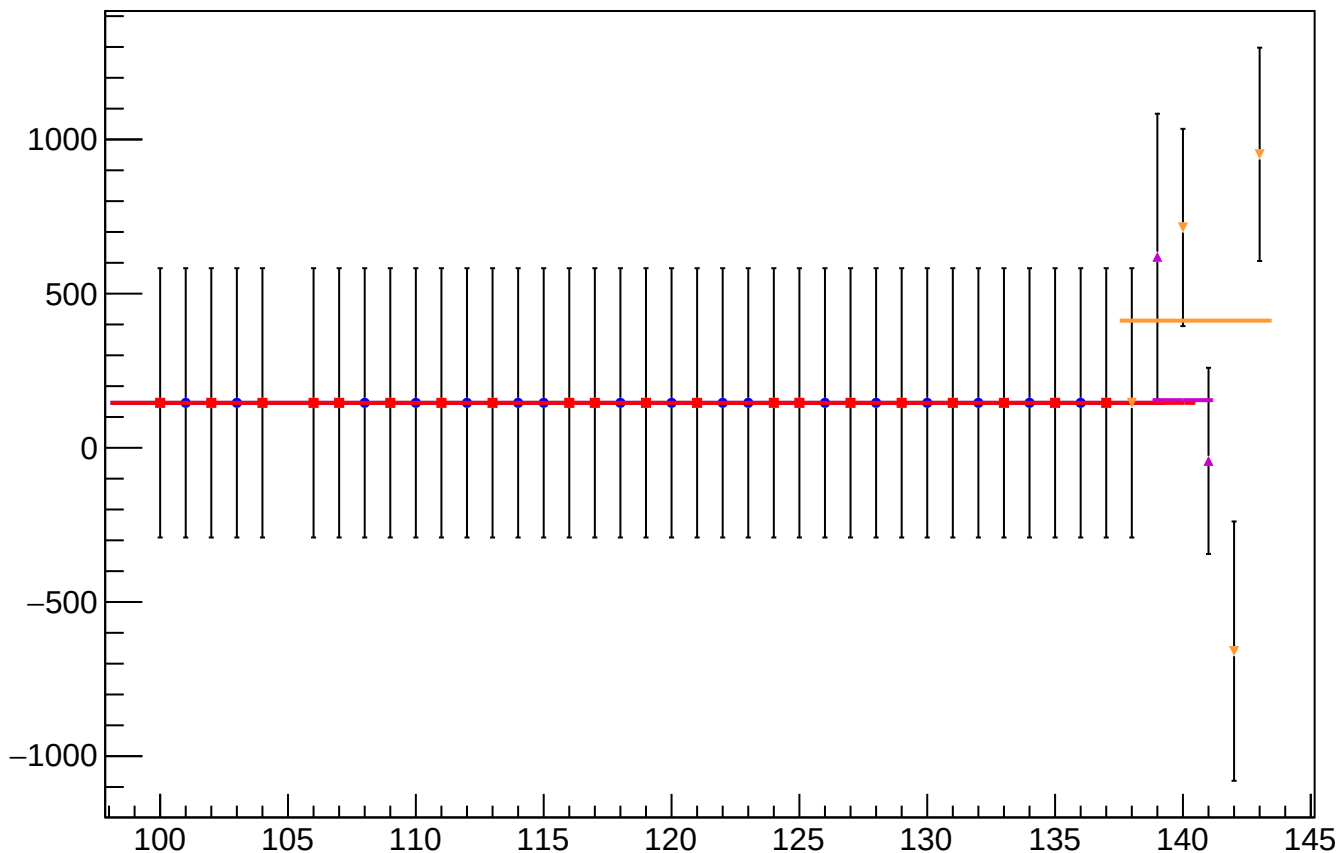
Right Out: 373.239 $\pm$ 0.070 χ^2 /NDF: 0.0/19

Left In: 304.274 $\pm$ 0.172 χ^2 /NDF:142158.3/1

349.472 $\pm$ 0.065 χ^2 /NDF: 477185.1/20

363.563 $\pm$ 0.064 χ^2 /NDF: 280214.1/21

asym_sam_1526_avg_mean vs Slug



Right In: 145.833 $\pm$ 105.907 χ^2 /NDF: 0.0/16

Left Out: 412.498 $\pm$ 185.605 χ^2 /NDF:10.2/3

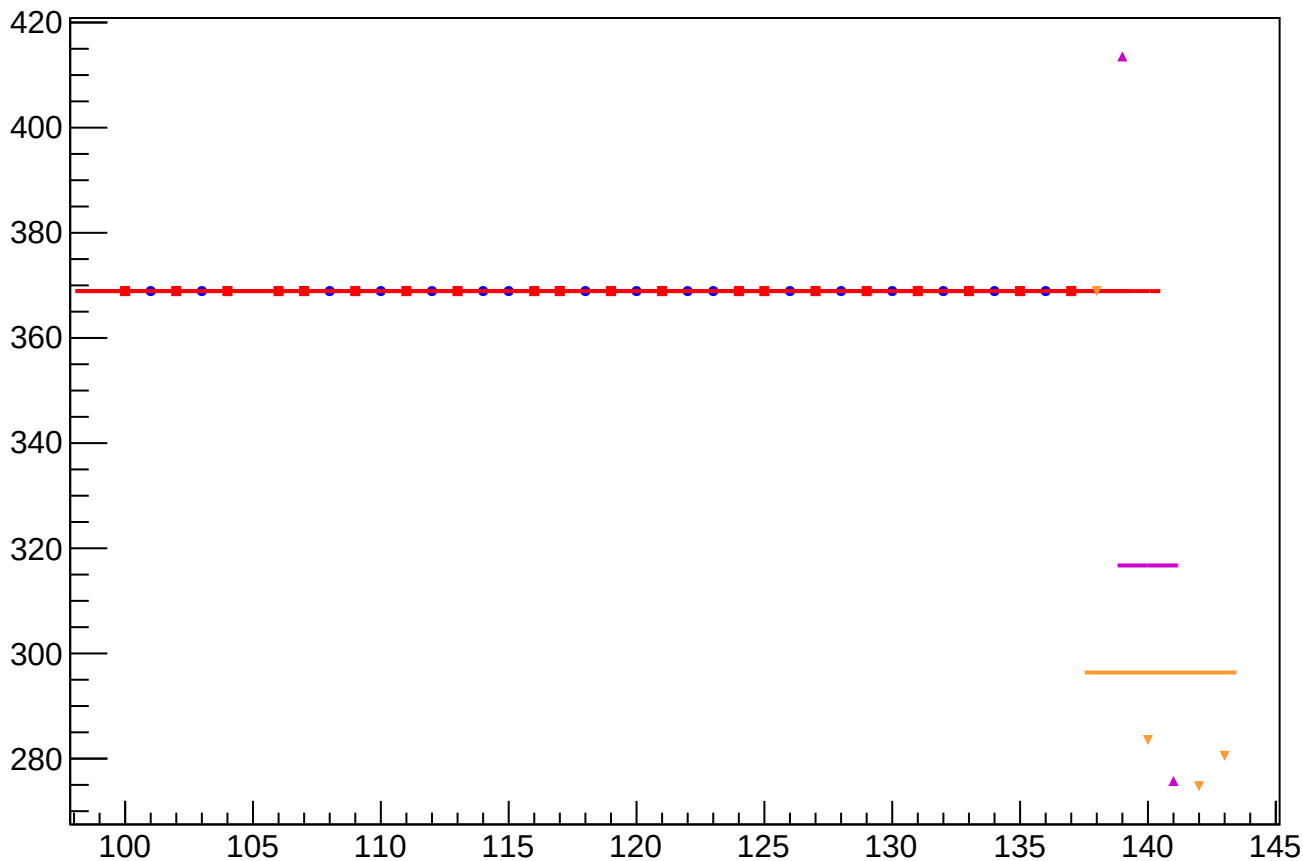
Right Out: 145.833 $\pm$ 97.641 χ^2 /NDF: 0.0/19

Left In: 154.583 $\pm$ 252.986 χ^2 /NDF:1.4/1

211.331 $\pm$ 91.986 χ^2 /NDF: 11.7/20

146.967 $\pm$ 91.092 χ^2 /NDF: 1.4/21

asym_sam_1526_avg_rms vs Slug



Right In: 368.918 $\pm$ 0.075 χ^2 /NDF: 0.0/16

Left Out: 296.377 $\pm$ 0.131 χ^2 /NDF: 67918.1/3

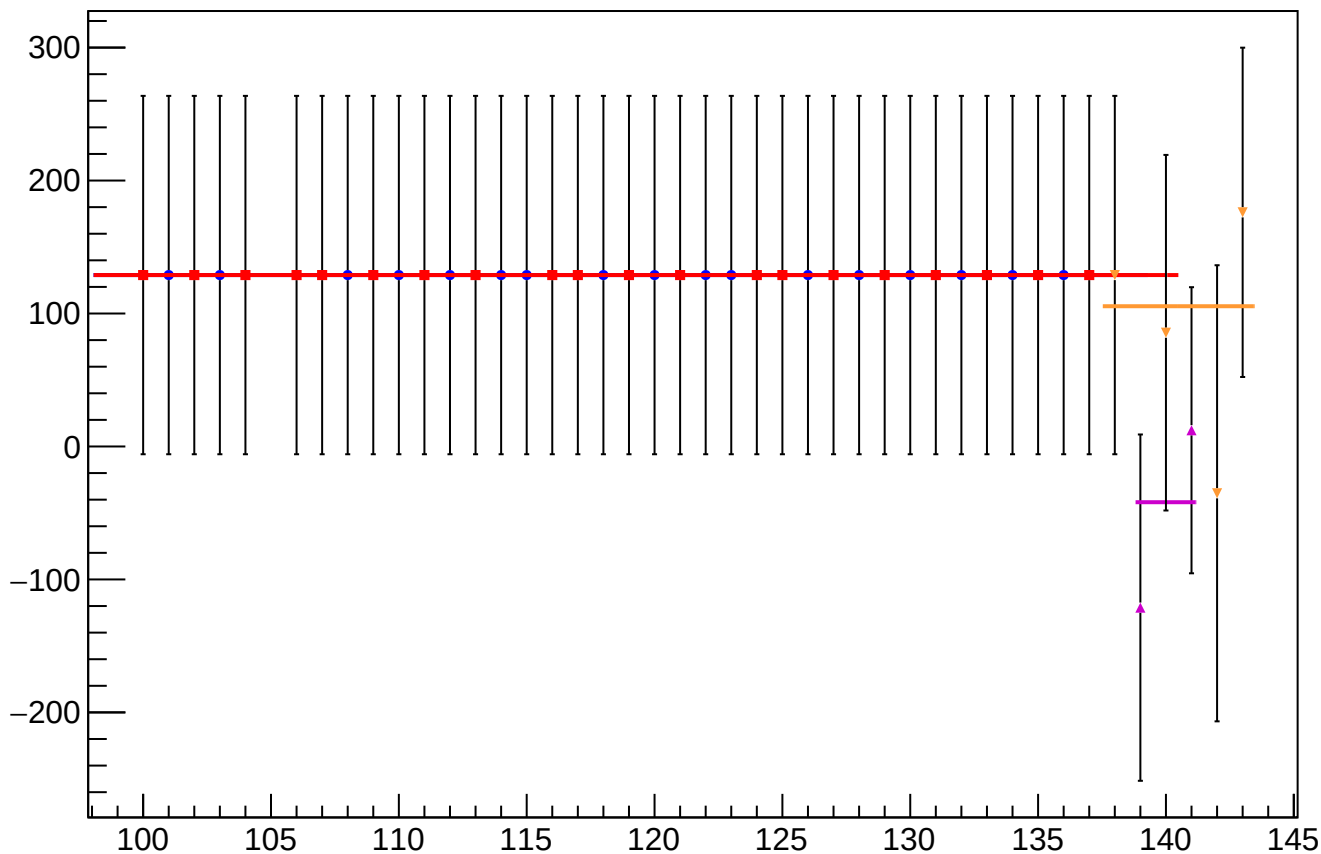
Right Out: 368.918 $\pm$ 0.069 χ^2 /NDF: 0.0/19

Left In: 316.734 $\pm$ 0.179 χ^2 /NDF: 124015.0/1

351.101 $\pm$ 0.065 χ^2 /NDF: 298385.2/20

362.153 $\pm$ 0.064 χ^2 /NDF: 198078.2/21

dit_asym_sam_3726_avg_mean vs Slug



Right In: 128.920 $\pm$ 32.686 χ^2 /NDF: 0.0/16

Left Out: 105.476 $\pm$ 68.975 χ^2 /NDF: 1.1/3

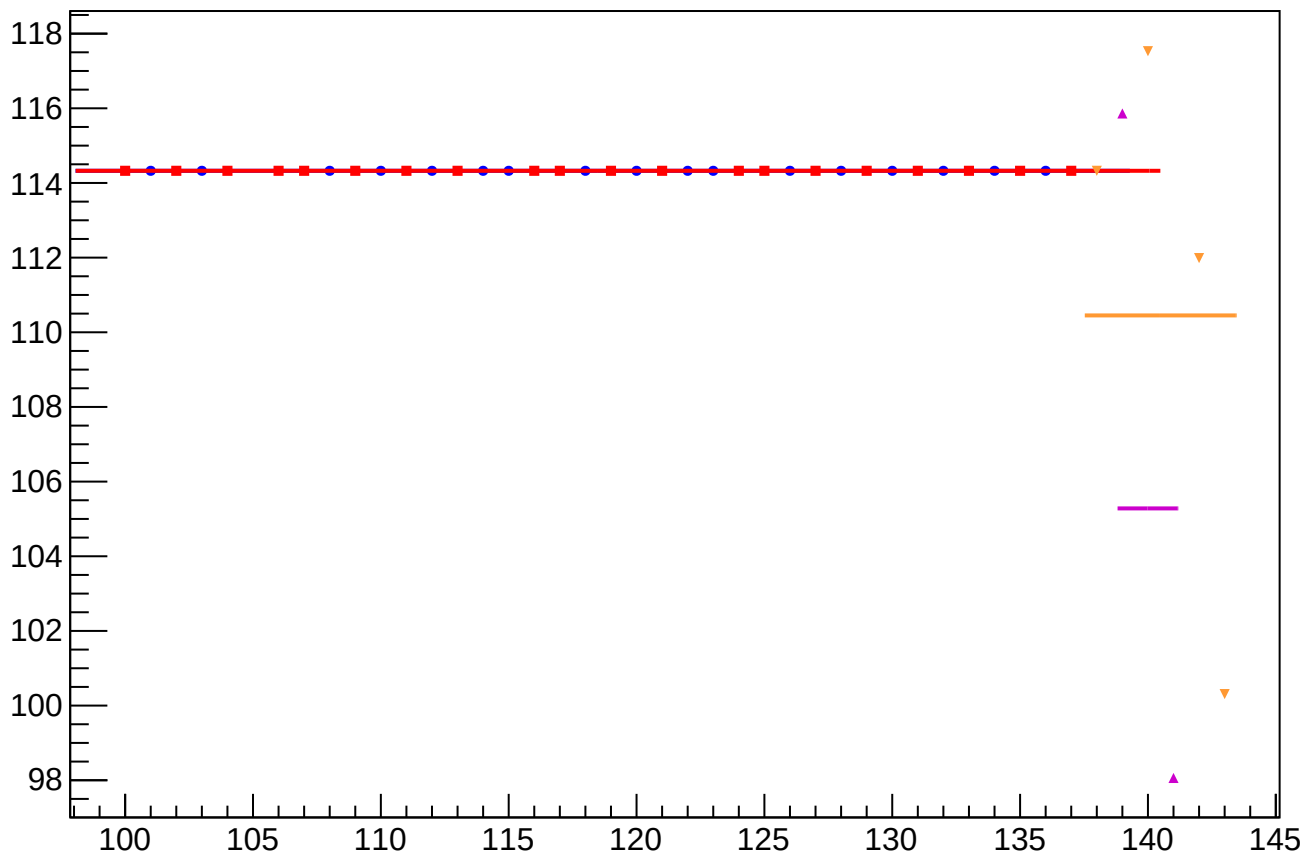
Right Out: 128.920 $\pm$ 30.135 χ^2 /NDF: 0.0/19

Left In: -41.919 $\pm$ 82.944 χ^2 /NDF: 0.6/1

124.621 $\pm$ 29.537 χ^2 /NDF: 1.1/20

108.999 $\pm$ 28.323 χ^2 /NDF: 4.4/21

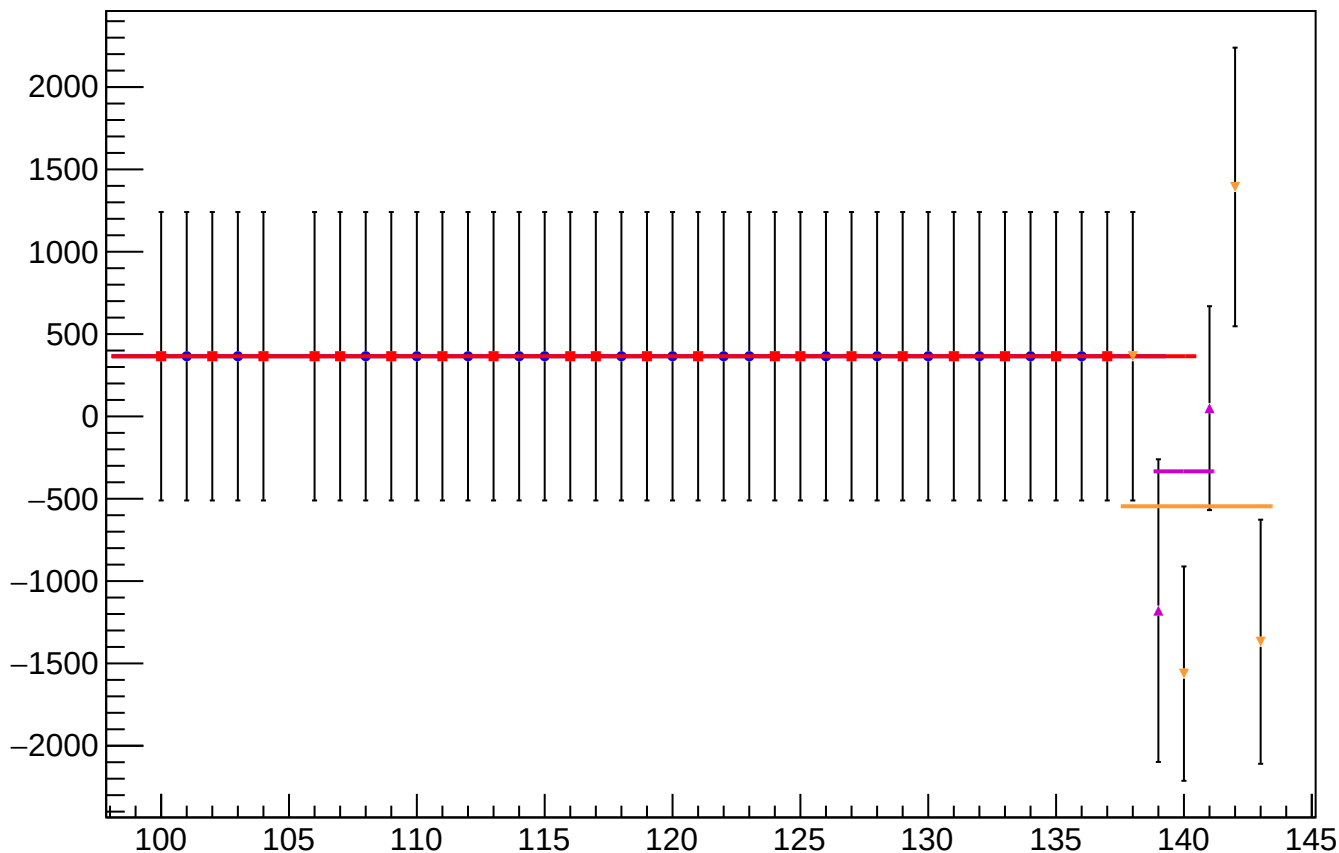
dit_asym_sam_3726_avg_rms vs Slug



Right In: 114.326 $\pm$ 0.023 χ^2 /NDF: 0.0/16
Left Out: 110.452 $\pm$ 0.049 χ^2 /NDF:20835.9/3
Right Out: 114.326 $\pm$ 0.021 χ^2 /NDF: 0.0/19
Left In: 105.282 $\pm$ 0.059 χ^2 /NDF:22207.4/1

113.615 $\pm$ 0.021 χ^2 /NDF: 25988.7/20
113.271 $\pm$ 0.020 χ^2 /NDF: 43212.9/21

asym_sam_3726_avg_correction_mean vs Slug



Right In: 365.387 $\pm$ 212.417 χ^2 /NDF: 0.0/16

Left Out: -545.672 $\pm$ 381.180 χ^2 /NDF:10.0/3

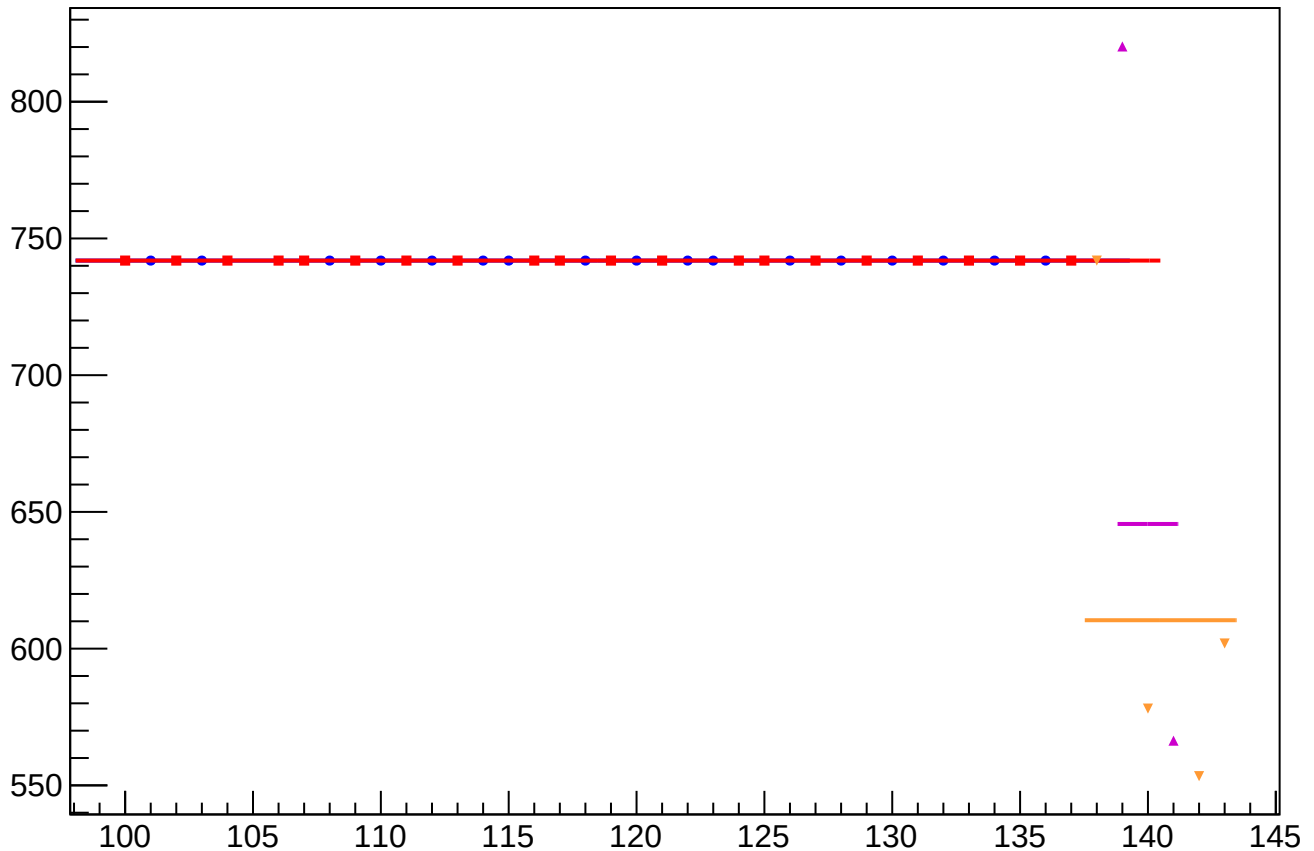
Right Out: 365.387 $\pm$ 195.839 χ^2 /NDF: 0.0/19

Left In: -333.667 $\pm$ 513.438 χ^2 /NDF:1.2/1

149.506 $\pm$ 185.551 χ^2 /NDF: 14.4/20

276.601 $\pm$ 182.980 χ^2 /NDF: 2.8/21

asym_sam_3726_avg_correction_rms vs Slug



Right In: 741.907 $\pm$ 0.150 χ^2 /NDF: 0.0/16

Left Out: 610.389 $\pm$ 0.270 χ^2 /NDF: 59381.5/3

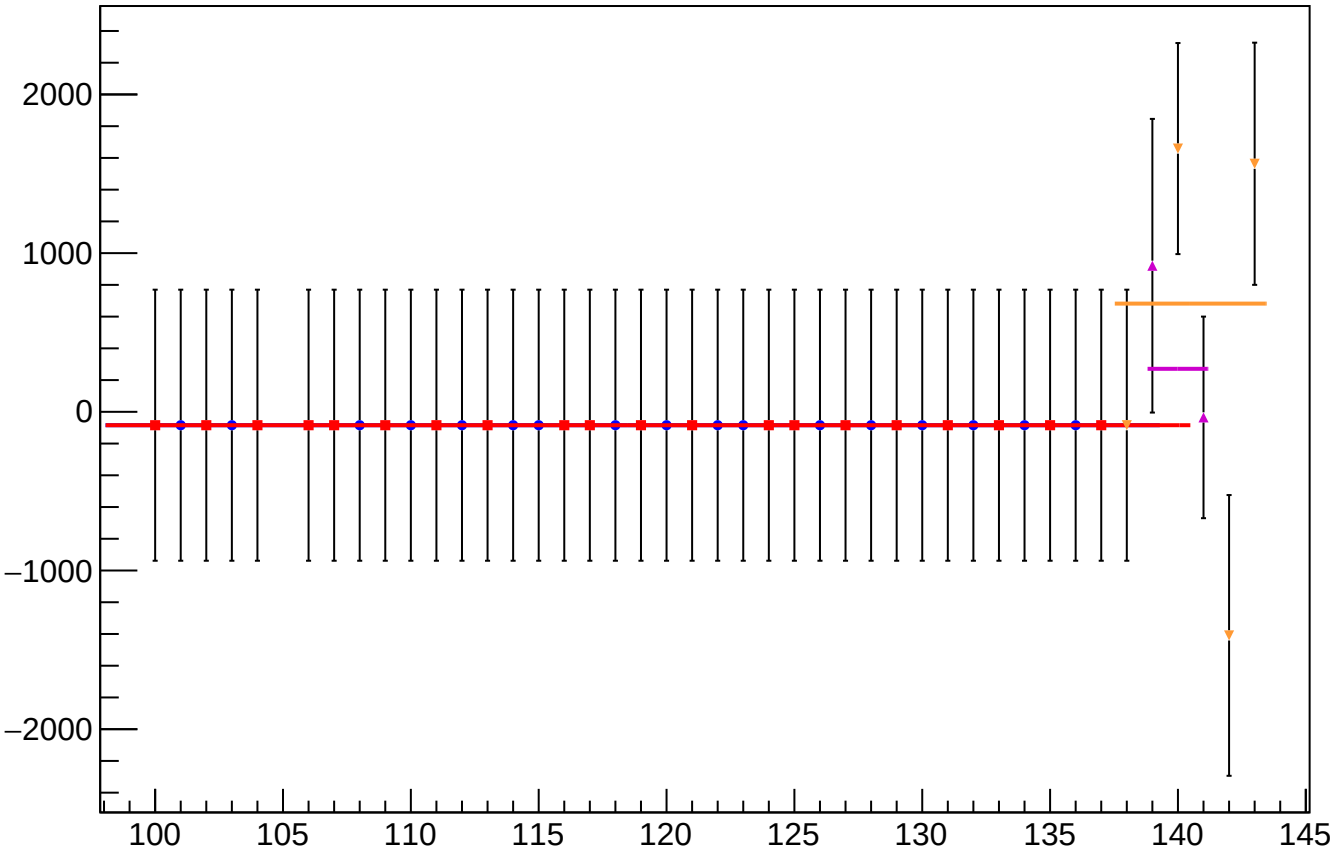
Right Out: 741.907 $\pm$ 0.138 χ^2 /NDF: 0.0/19

Left In: 645.589 $\pm$ 0.363 χ^2 /NDF: 104981.3/1

710.743 $\pm$ 0.131 χ^2 /NDF: 241054.5/20

729.674 $\pm$ 0.129 χ^2 /NDF: 166425.2/21

asym sam 3726 avg mean vs Slug



Right In: -84.386+/-207.148 χ^2/NDF : 0.0/16

Left Out: 681.955+/-388.458 χ^2/NDF :9.9/3

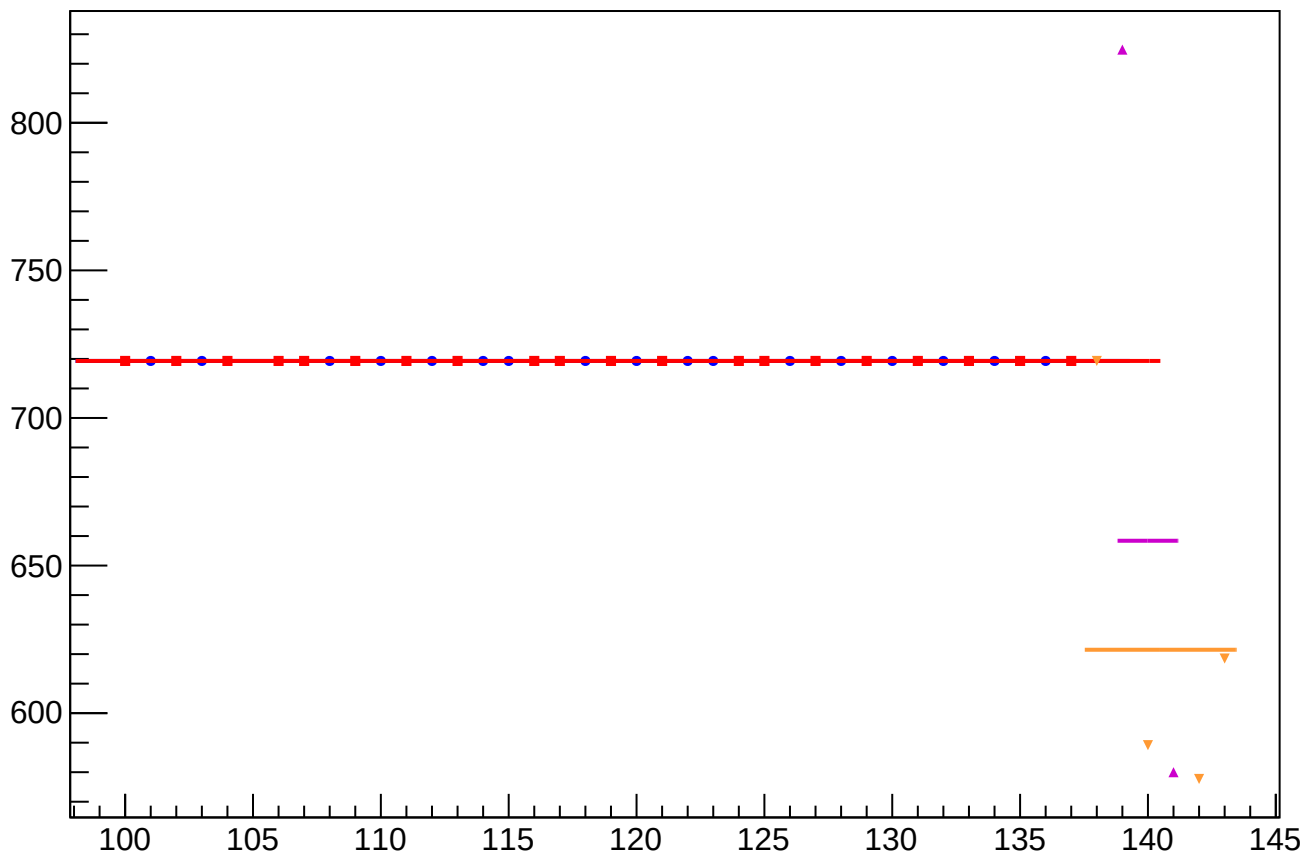
Right Out: -84.386 ± 190.981 χ^2/NDF : 0.0/19

Left In: 271.003 ± 523.679 $\chi^2/\text{NDF}: 0.7/1$

85.285+/-182.784 χ^2/NDF : 12.9/20

-42.668+/-179.422 χ^2/NDF : 1.1/21

asym_sam_3726_avg_rms vs Slug



Right In: 719.321+/-0.146 χ^2/NDF : 0.0/16

Left Out: 621.481+/-0.275 χ^2/NDF : 35896.8/3

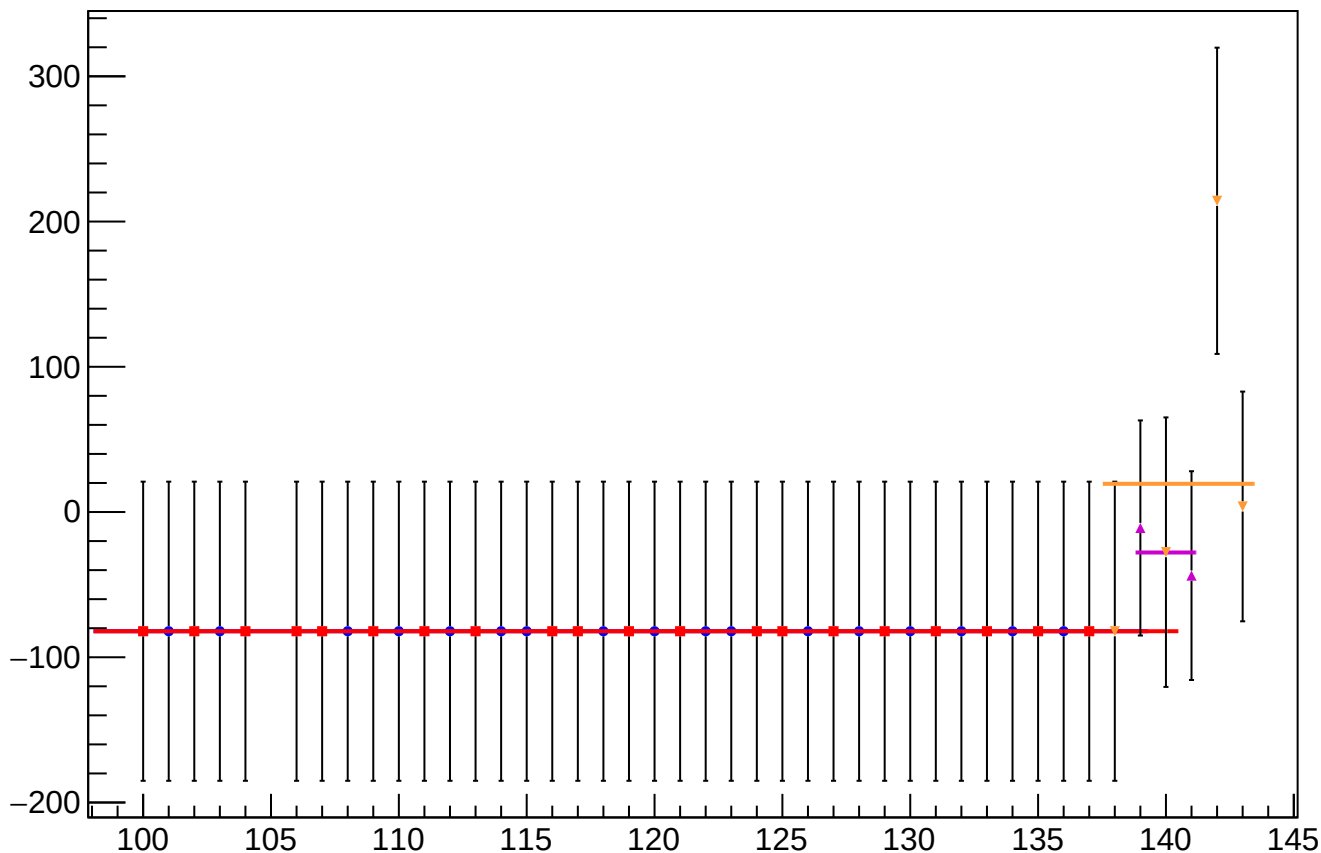
Right Out: 719.321+/-0.135 χ^2/NDF : 0.0/19

Left In: 658.405+/-0.370 χ^2/NDF : 95144.2/1

697.658+/-0.129 χ^2/NDF : 134680.4/20

712.170+/-0.127 χ^2/NDF : 119029.1/21

dit_asym_sam_15_48_dd_mean vs Slug



Right In: -82.077 $\pm$ 24.977 χ^2 /NDF: 0.0/16

Left Out: 19.425 $\pm$ 46.612 χ^2 /NDF:4.7/3

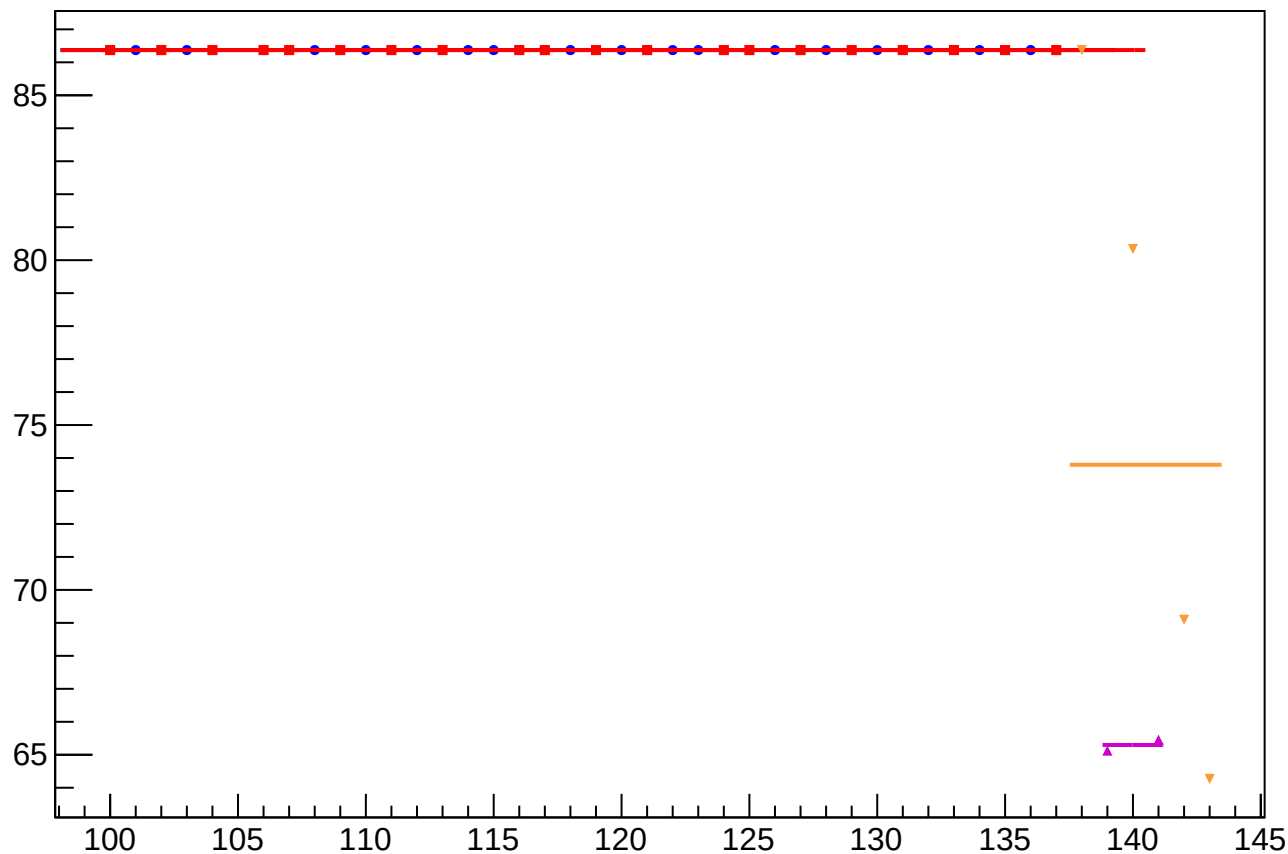
Right Out: -82.077 $\pm$ 23.028 χ^2 /NDF: 0.0/19

Left In: -27.869 $\pm$ 51.572 χ^2 /NDF:0.1/1

-59.434 $\pm$ 22.015 χ^2 /NDF: 8.4/20

-73.066 $\pm$ 21.027 χ^2 /NDF: 1.0/21

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 86.371 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 73.795 $\pm$ 0.033 χ^2 /NDF:72774.6/3

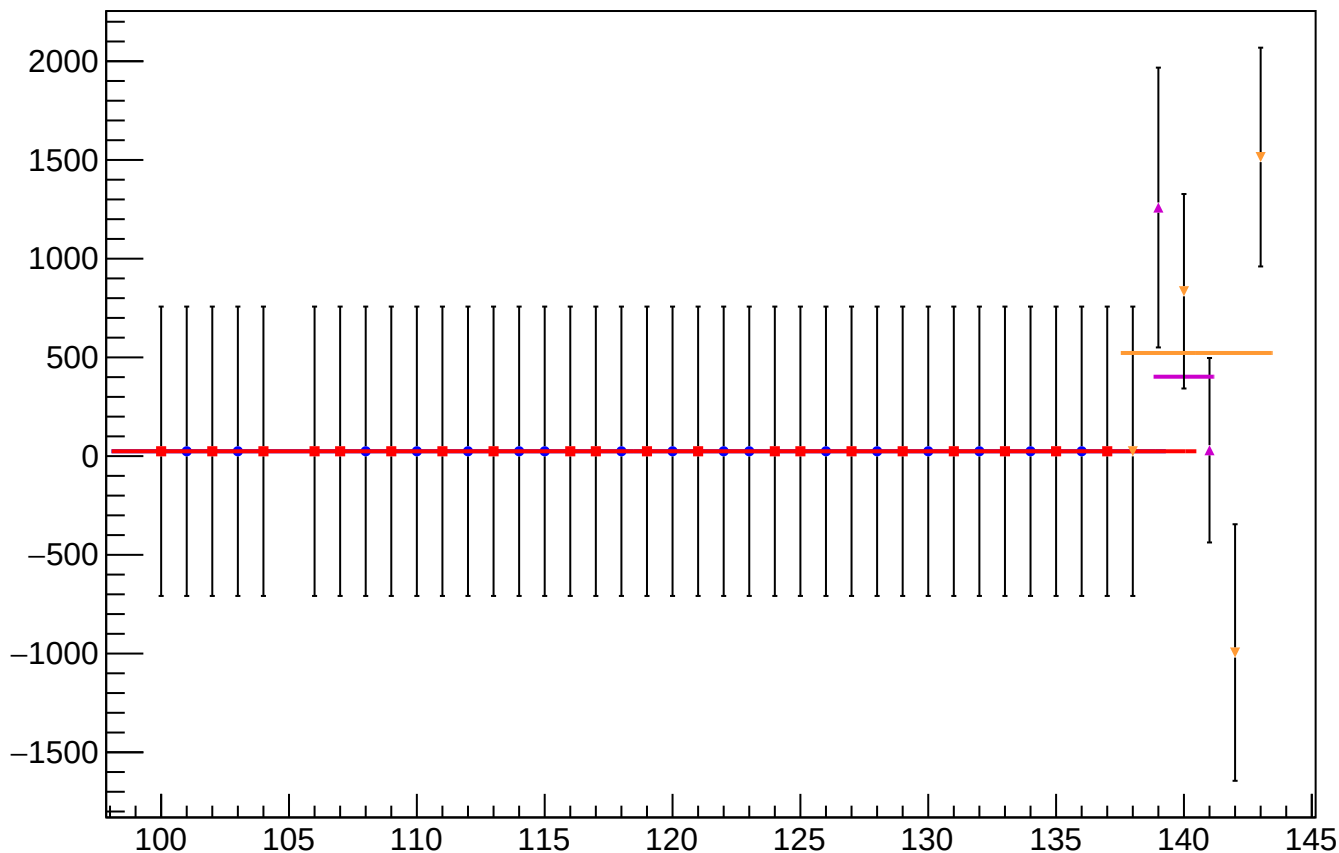
Right Out: 86.371 $\pm$ 0.016 χ^2 /NDF: 0.0/19

Left In: 65.298 $\pm$ 0.036 χ^2 /NDF:20.7/1

83.566 $\pm$ 0.016 χ^2 /NDF: 185889.4/20

82.868 $\pm$ 0.015 χ^2 /NDF: 278461.1/21

asym_sam_15_48_dd_correction_mean vs Slug



Right In: 24.540 $\pm$ 177.726 χ^2 /NDF: 0.0/16

Left Out: 522.386 $\pm$ 293.454 χ^2 /NDF:9.5/3

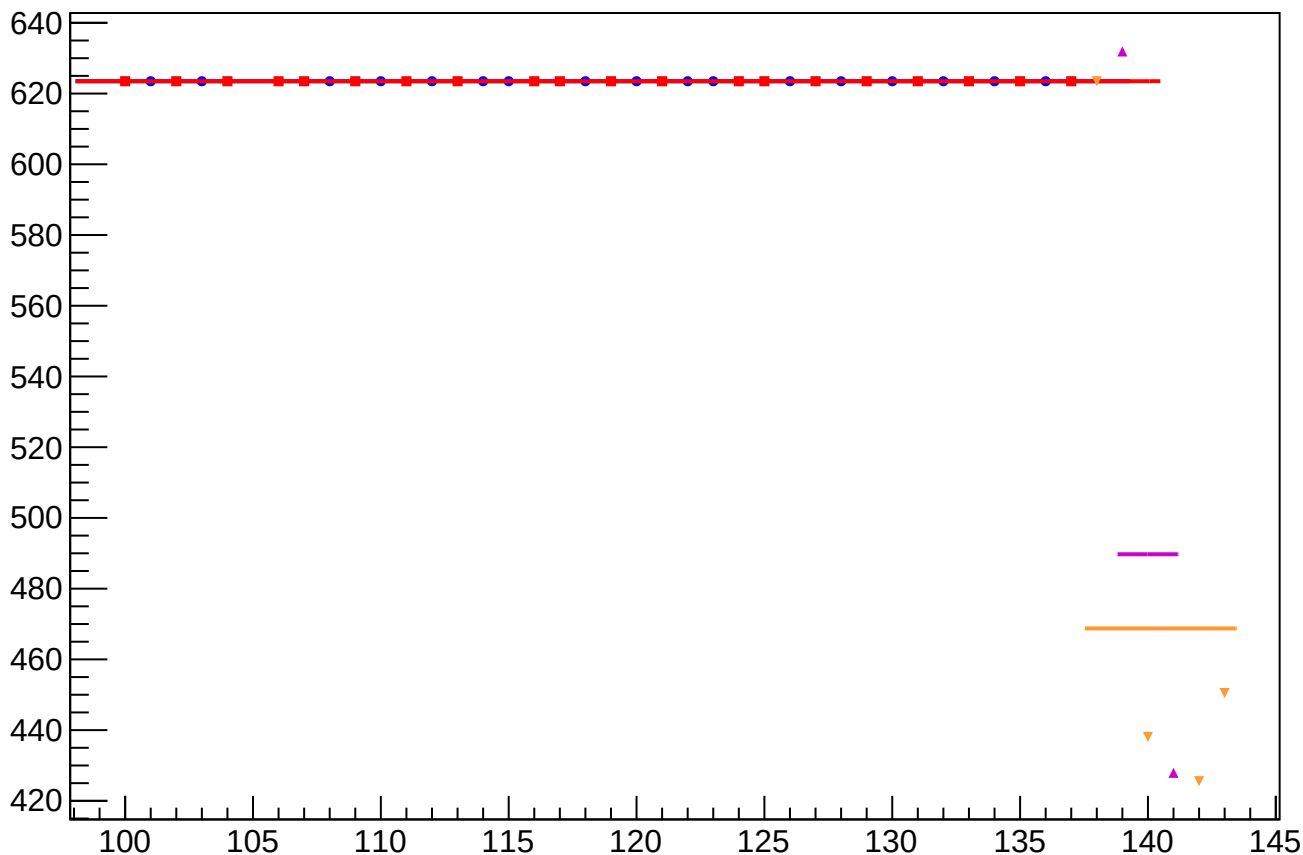
Right Out: 24.540 $\pm$ 163.856 χ^2 /NDF: 0.0/19

Left In: 402.183 $\pm$ 390.004 χ^2 /NDF:2.1/1

158.143 $\pm$ 152.020 χ^2 /NDF: 11.6/20

81.199 $\pm$ 151.064 χ^2 /NDF: 2.9/21

asym_sam_15_48_dd_correction_rms vs Slug



Right In: 623.485 $\pm$ 0.126 χ^2 /NDF: 0.0/16

Left Out: 468.744 $\pm$ 0.208 χ^2 /NDF:107939.2/3

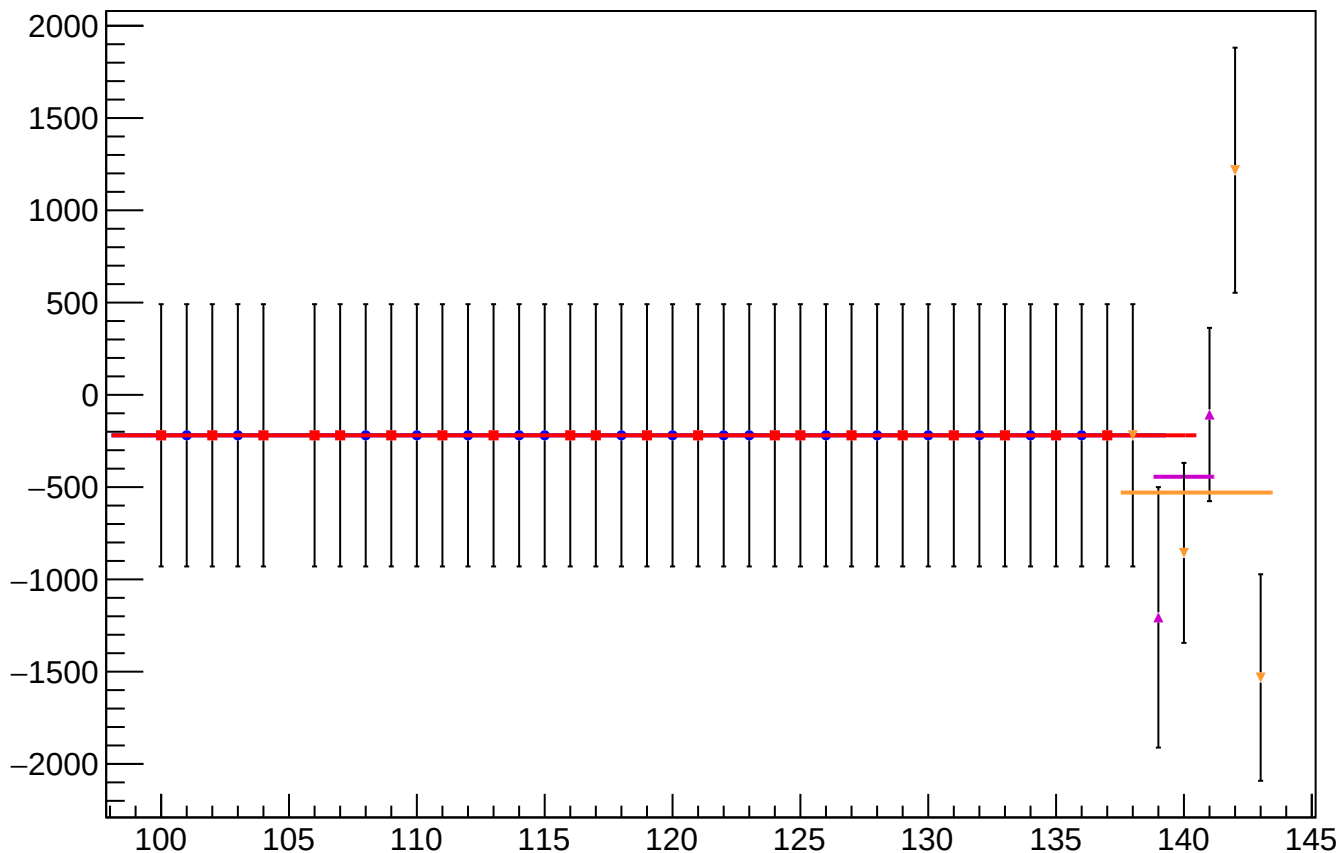
Right Out: 623.485 $\pm$ 0.116 χ^2 /NDF: 0.0/19

Left In: 489.723 $\pm$ 0.276 χ^2 /NDF:115529.9/1

581.958 $\pm$ 0.107 χ^2 /NDF: 514807.3/20

603.416 $\pm$ 0.107 χ^2 /NDF: 315496.3/21

asym sam 15 48 dd mean vs Slug



Right In: -219.315+/-172.344 χ^2/NDF : 0.0/16

Left Out: -529.529+/-293.046 $\chi^2/\text{NDF}: 10.8/3$

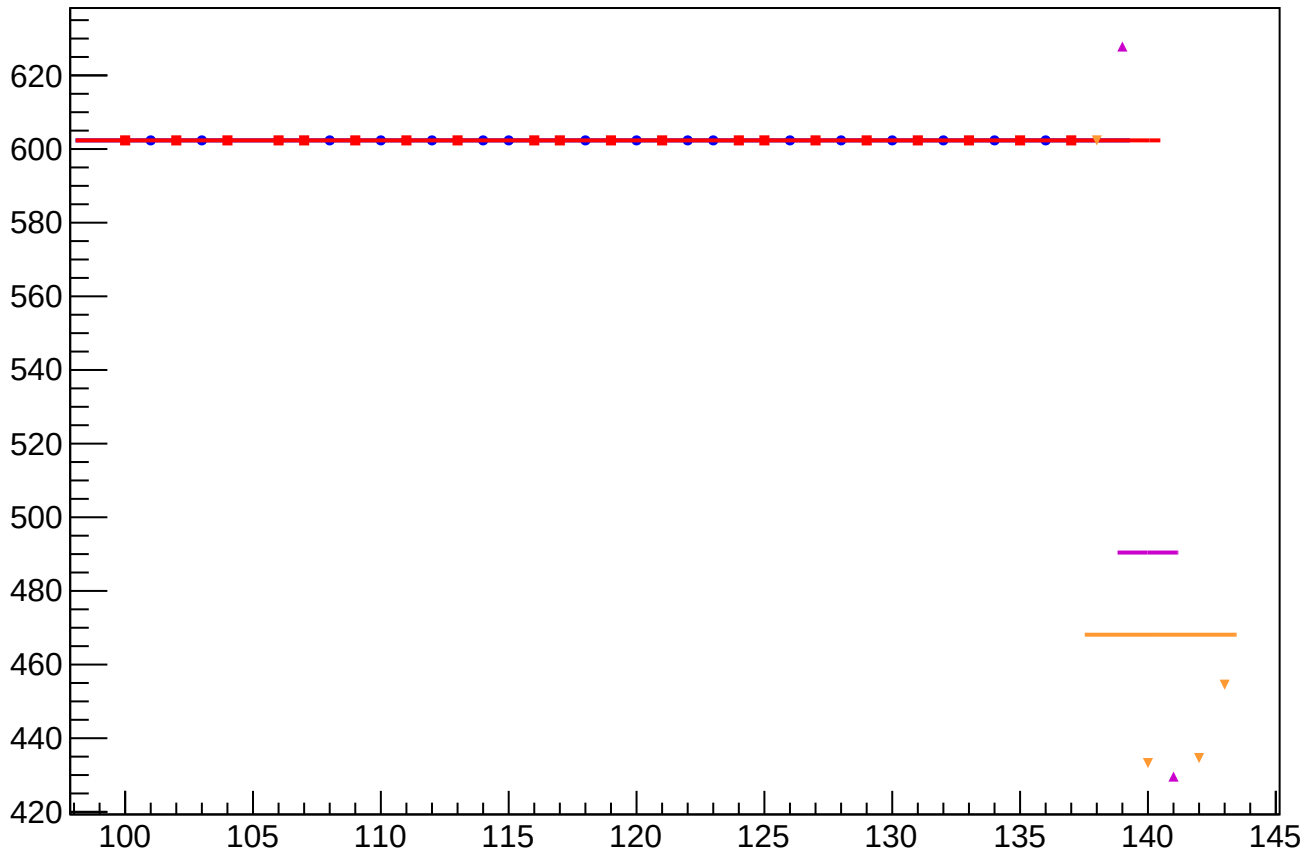
Right Out: -219.315+/-158.893 χ^2/NDF : 0.0/19

Left In: -443.925+/-390.883 χ^2/NDF :1.7/1

-299.037+/-148.557 χ^2/NDF : 11.6/20

-251.167+/-147.197 χ^2/NDF : 2.0/21

asym_sam_15_48_dd_rms vs Slug



Right In: 602.349 $\pm$ 0.122 χ^2 /NDF: 0.0/16

Left Out: 468.111 $\pm$ 0.207 χ^2 /NDF: 87856.1/3

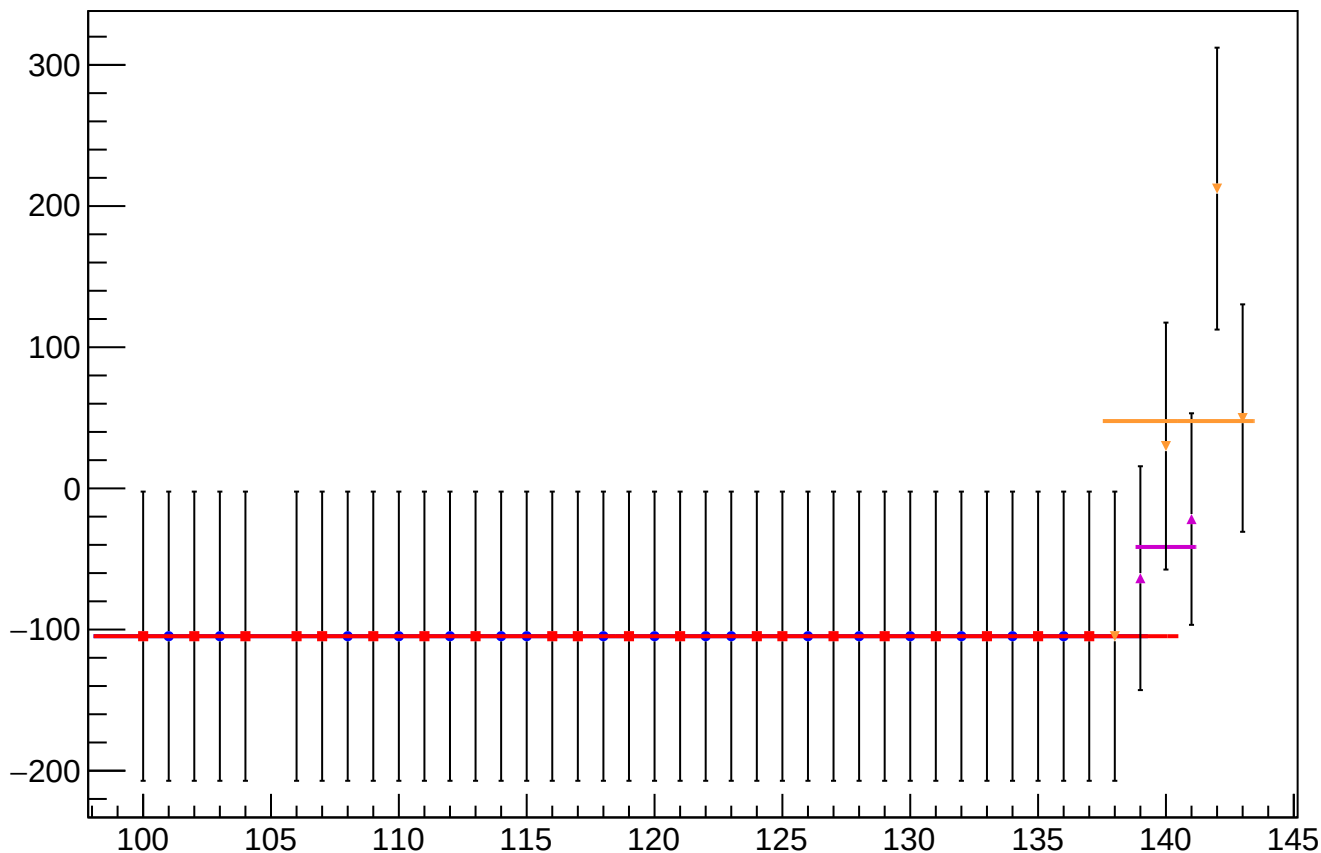
Right Out: 602.349 $\pm$ 0.112 χ^2 /NDF: 0.0/19

Left In: 490.422 $\pm$ 0.276 χ^2 /NDF: 109434.8/1

567.851 $\pm$ 0.105 χ^2 /NDF: 399672.6/20

586.476 $\pm$ 0.104 χ^2 /NDF: 250165.0/21

dit_asym_sam_37_48_dd_mean vs Slug



Right In: -104.707 $\pm$ 24.844 χ^2/NDF : 0.0/16

Left Out: 47.699 $\pm$ 45.626 χ^2/NDF : 5.0/3

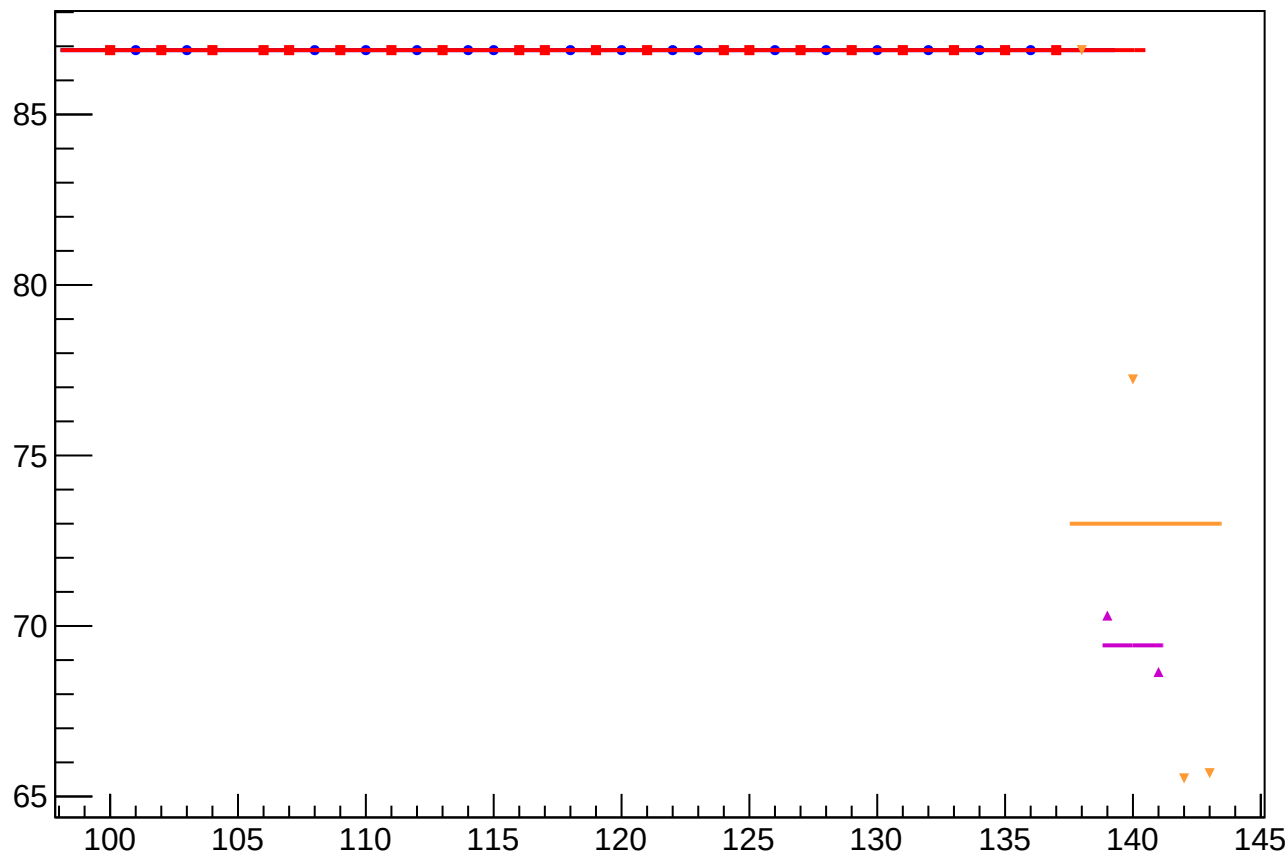
Right Out: -104.707 $\pm$ 22.905 χ^2/NDF : 0.0/19

Left In: -41.484 $\pm$ 54.458 χ^2/NDF : 0.1/1

-69.854 $\pm$ 21.819 χ^2/NDF : 13.6/20

-95.204 $\pm$ 21.113 χ^2/NDF : 1.3/21

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 86.887 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 72.999 $\pm$ 0.032 χ^2 /NDF: 69124.9/3

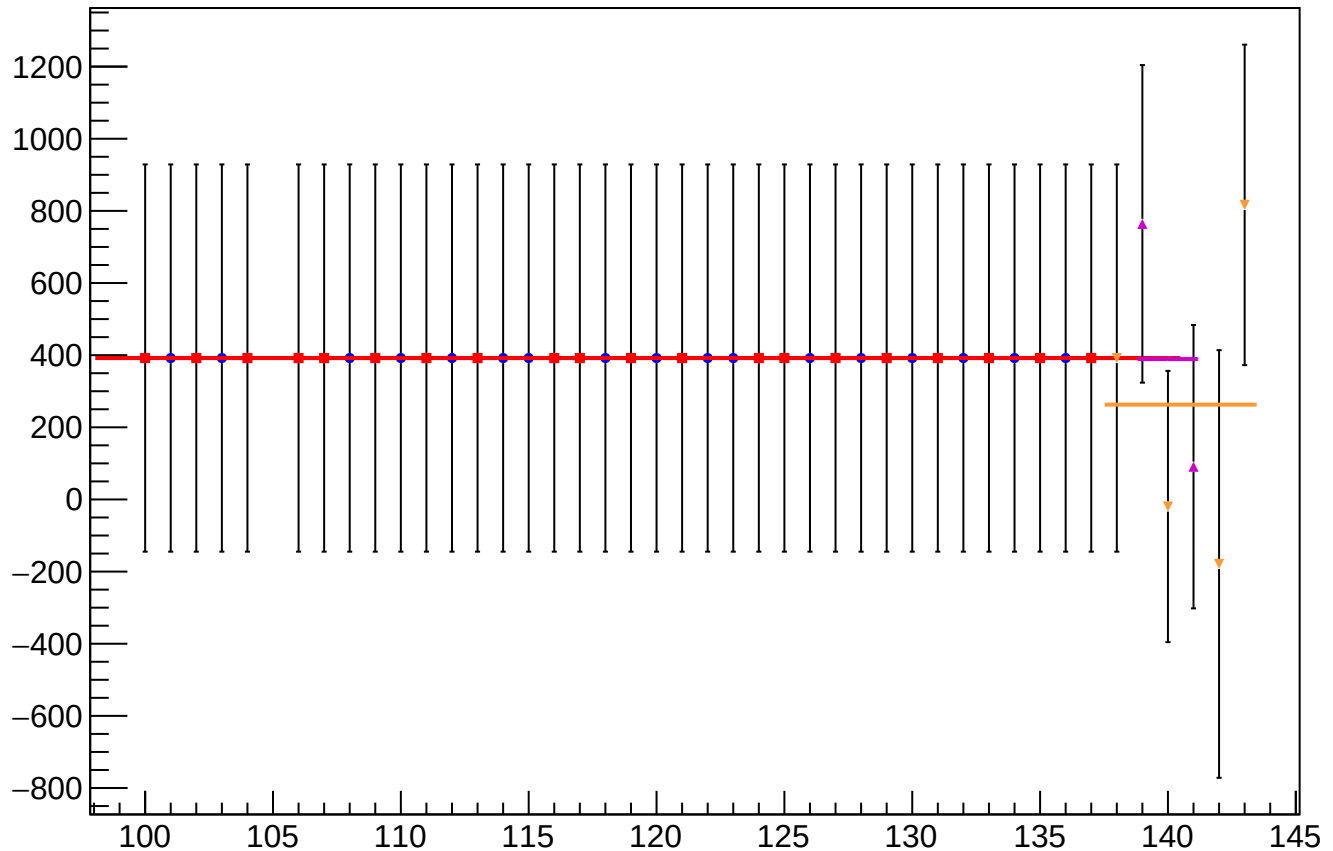
Right Out: 86.887 $\pm$ 0.016 χ^2 /NDF: 0.0/19

Left In: 69.432 $\pm$ 0.039 χ^2 /NDF: 460.3/1

83.711 $\pm$ 0.015 χ^2 /NDF: 212040.1/20

84.263 $\pm$ 0.015 χ^2 /NDF: 175038.5/21

asym_sam_37_48_dd_correction_mean vs Slug



Right In: 392.019 $\pm$ 130.188 χ^2 /NDF: 0.0/16

Left Out: 262.844 $\pm$ 232.776 χ^2 /NDF:2.7/3

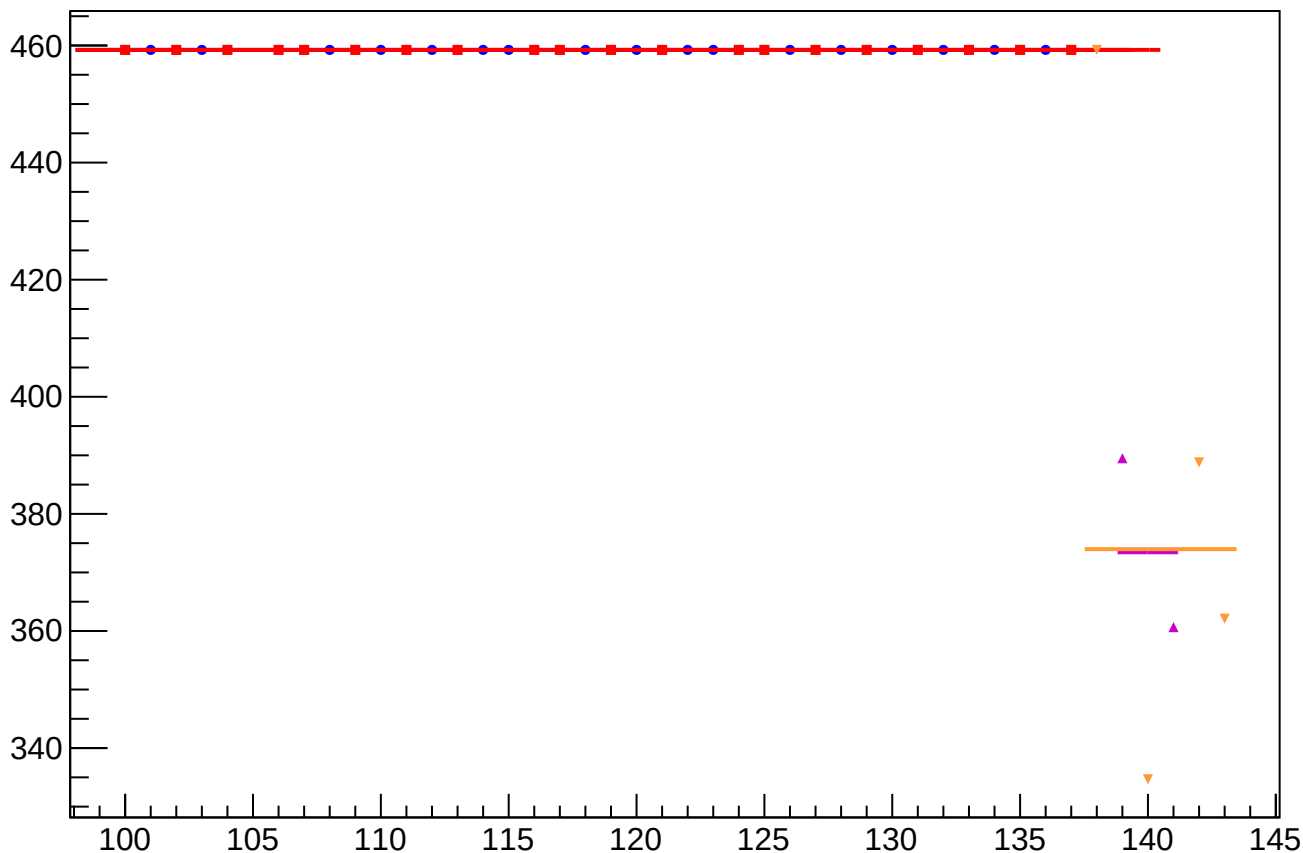
Right Out: 392.019 $\pm$ 120.028 χ^2 /NDF: 0.0/19

Left In: 389.171 $\pm$ 293.078 χ^2 /NDF:1.3/1

361.241 $\pm$ 113.625 χ^2 /NDF: 3.0/20

391.610 $\pm$ 111.074 χ^2 /NDF: 1.3/21

asym_sam_37_48_dd_correction_rms vs Slug



Right In: 459.249 $\pm$ 0.092 χ^2 /NDF: 0.0/16

Left Out: 373.979 $\pm$ 0.165 χ^2 /NDF: 74993.2/3

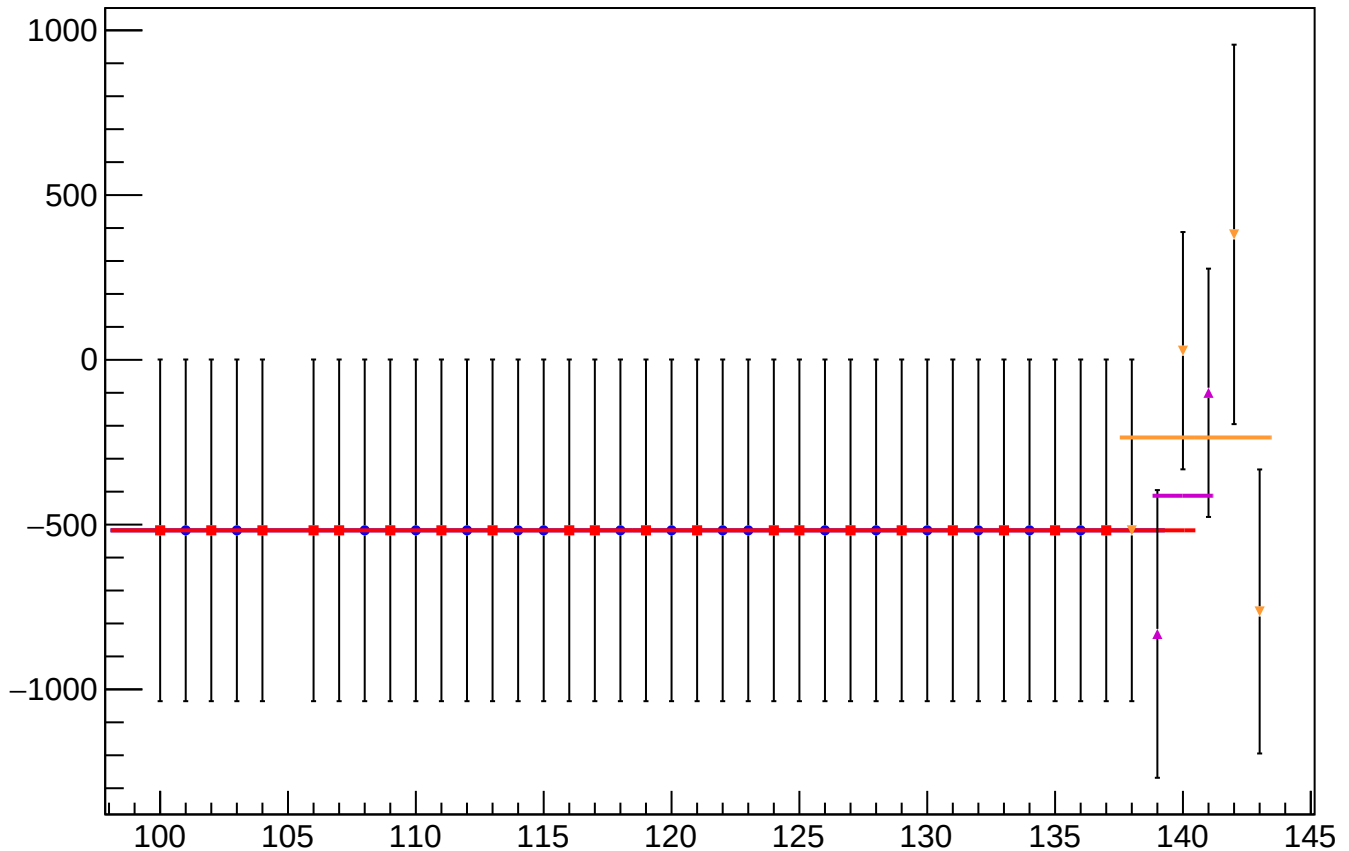
Right Out: 459.249 $\pm$ 0.085 χ^2 /NDF: 0.0/19

Left In: 373.447 $\pm$ 0.207 χ^2 /NDF: 4782.4/1

438.932 $\pm$ 0.080 χ^2 /NDF: 279422.5/20

446.925 $\pm$ 0.079 χ^2 /NDF: 151578.6/21

asym_sam_37_48_dd_mean vs Slug



Right In: -517.375+/-125.736 χ^2/NDF : 0.0/16

Left Out: -235.598+/-224.532 χ^2/NDF : 3.5/3

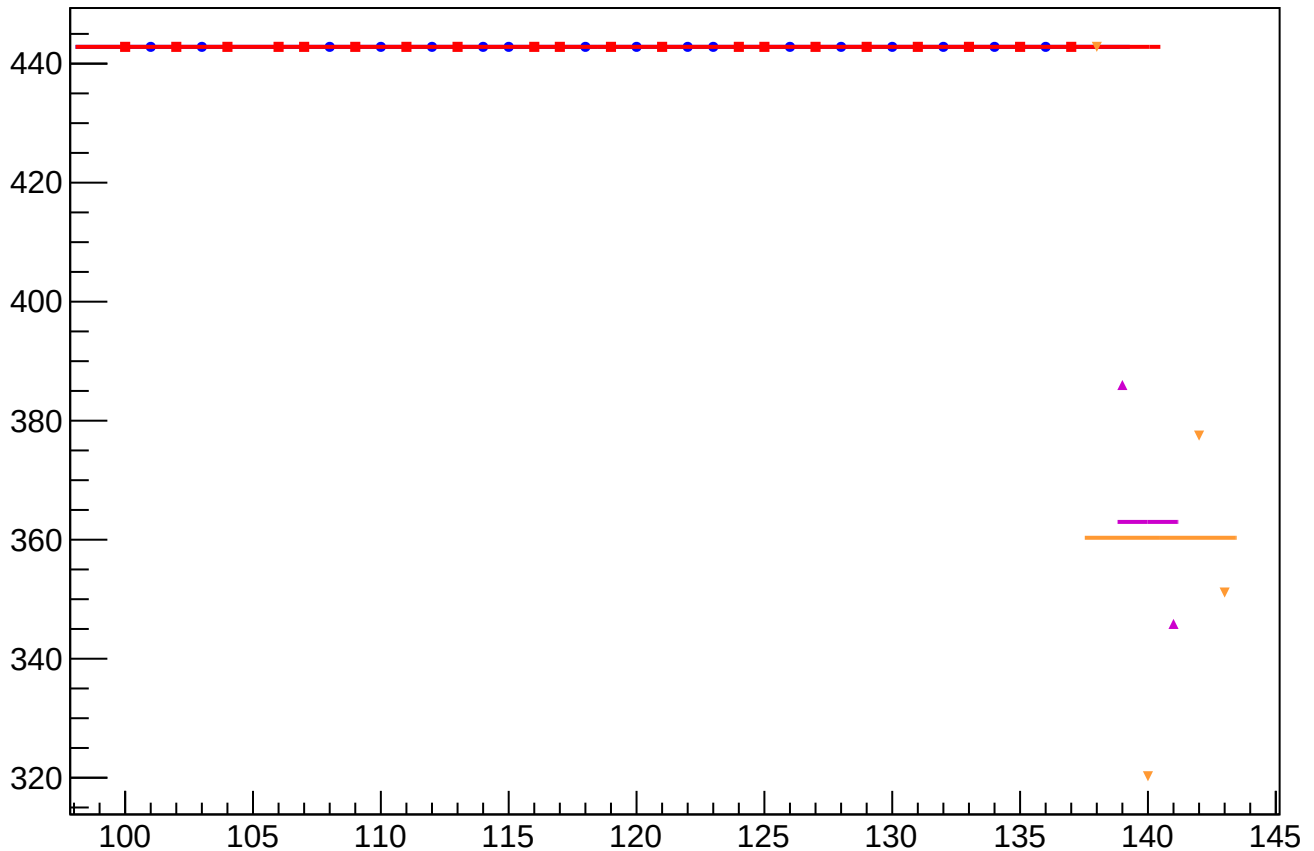
Right Out: -517.375+/-115.923 χ^2/NDF : 0.0/19

Left In: -412.402+/-285.228 χ^2/NDF : 1.6/1

-450.107+/-109.706 χ^2/NDF : 4.7/20

-502.494+/-107.392 χ^2/NDF : 1.7/21

asym_sam_37_48_dd_rms vs Slug



Right In: 442.822+/-0.089 χ^2/NDF : 0.0/16

Left Out: 360.324+/-0.159 χ^2/NDF : 78121.8/3

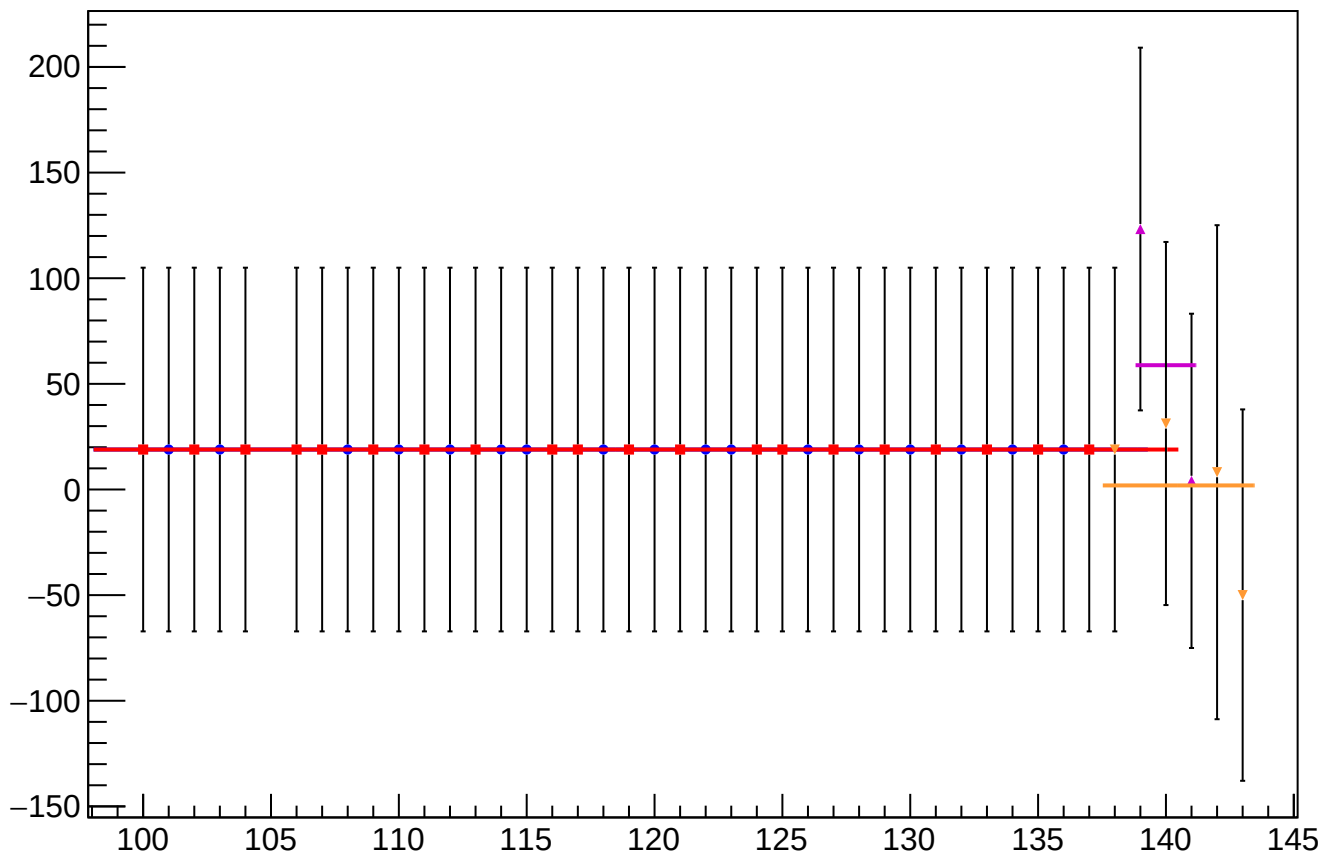
Right Out: 442.822+/-0.082 χ^2/NDF : 0.0/19

Left In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

423.127+/-0.078 χ^2/NDF : 283662.0/20

431.505+/-0.076 χ^2/NDF : 144162.4/21

dit_asym_sam_15_26_dd_mean vs Slug



Right In: 18.911 $\pm$ 20.877 χ^2 /NDF: 0.0/16

Left Out: 1.925 $\pm$ 45.982 χ^2 /NDF:0.5/3

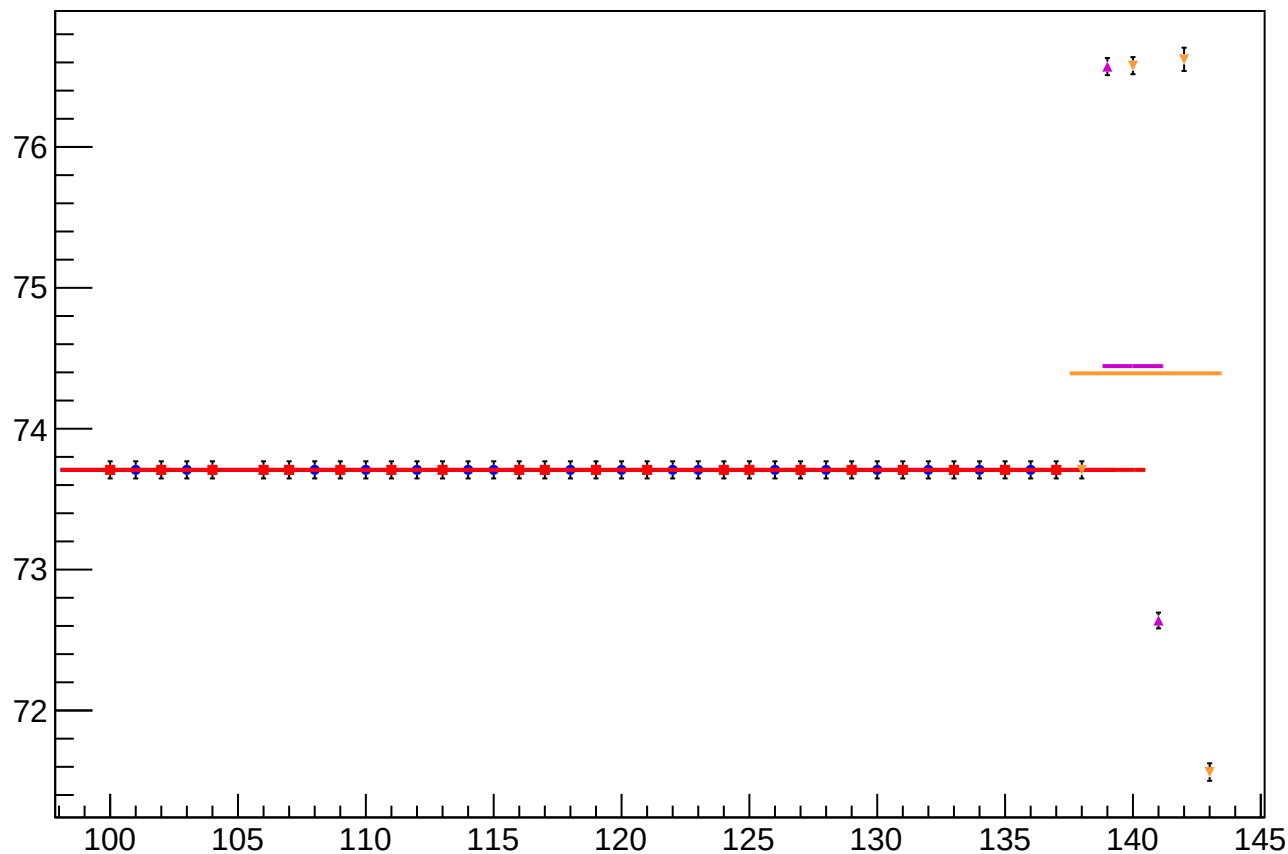
Right Out: 18.911 $\pm$ 19.247 χ^2 /NDF: 0.0/19

Left In: 58.831 $\pm$ 58.176 χ^2 /NDF:1.0/1

16.008 $\pm$ 19.009 χ^2 /NDF: 0.6/20

22.850 $\pm$ 18.273 χ^2 /NDF: 1.5/21

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 73.708 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 74.393 $\pm$ 0.033 χ^2 /NDF: 4219.0/3

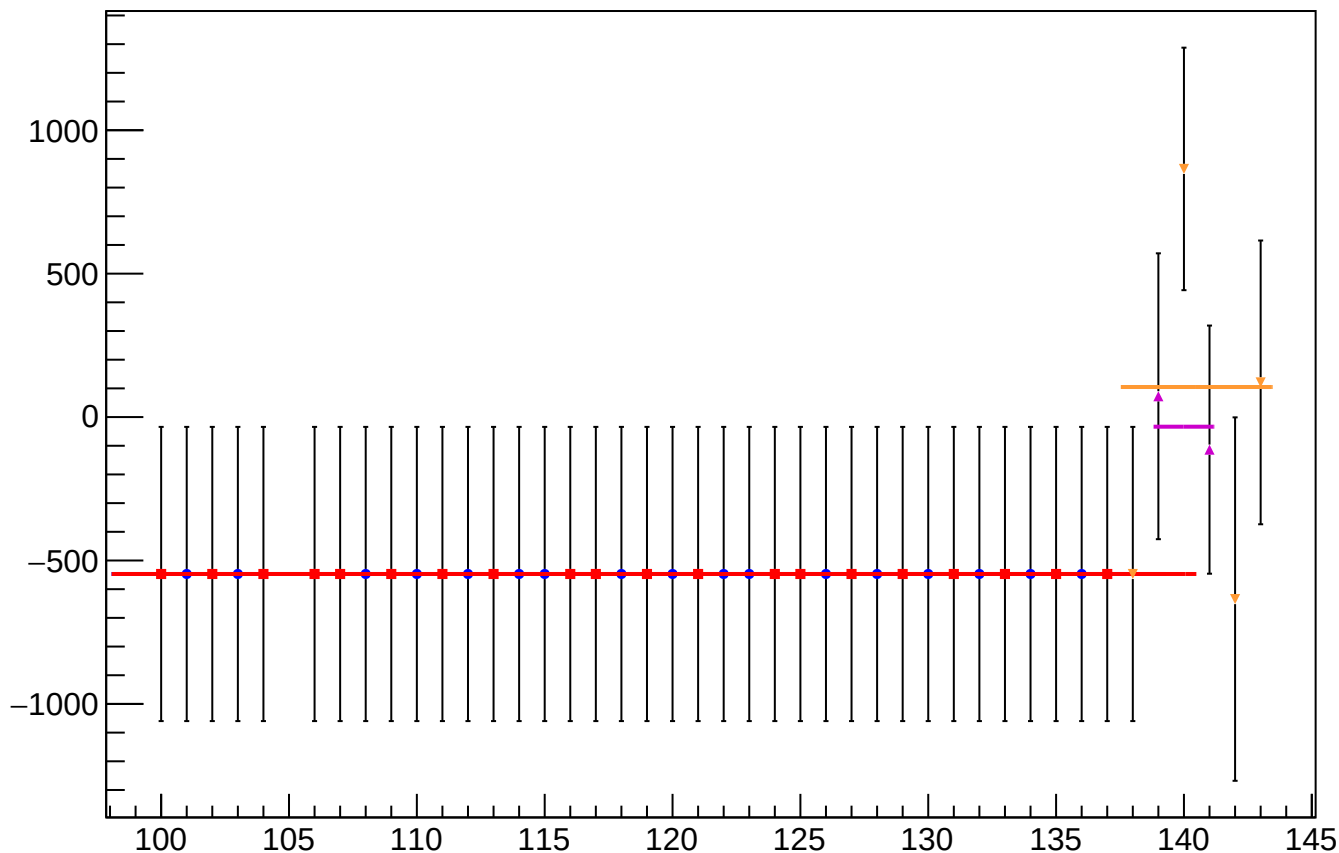
Right Out: 73.708 $\pm$ 0.014 χ^2 /NDF: 0.0/19

Left In: 74.444 $\pm$ 0.041 χ^2 /NDF: 2268.6/1

73.825 $\pm$ 0.013 χ^2 /NDF: 4587.2/20

73.781 $\pm$ 0.013 χ^2 /NDF: 2557.6/21

asym_sam_15_26_dd_correction_mean vs Slug



Right In: -547.029+/-124.372 χ^2/NDF : 0.0/16

Left Out: 104.794+/-250.156 χ^2/NDF : 6.2/3

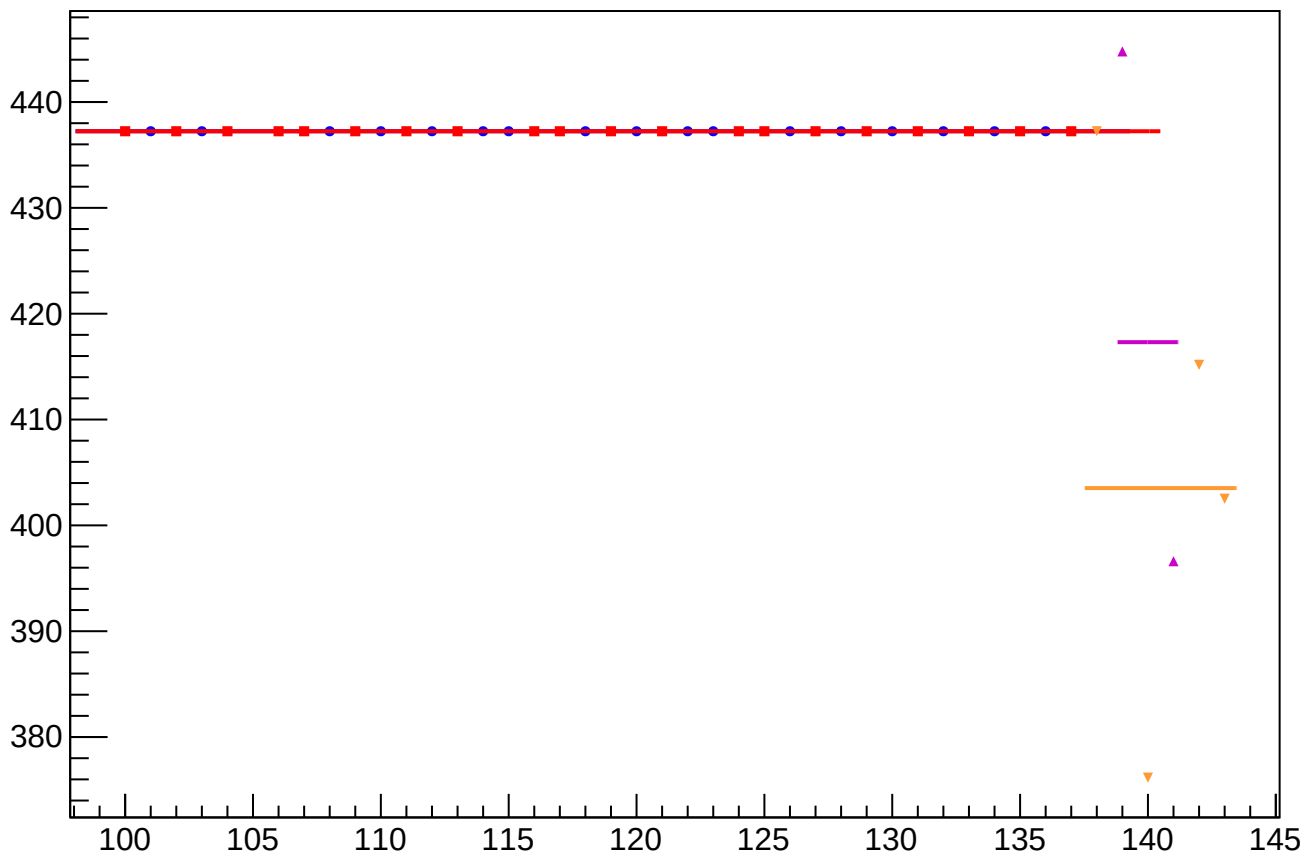
Right Out: -547.029+/-114.665 χ^2/NDF : 0.0/19

Left In: -33.552+/-326.627 χ^2/NDF : 0.1/1

-417.842+/-111.367 χ^2/NDF : 11.7/20

-490.691+/-108.192 χ^2/NDF : 2.3/21

asym_sam_15_26_dd_correction_rms vs Slug



Right In: 437.238 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: 403.522 $\pm$ 0.177 χ^2 /NDF:17708.4/3

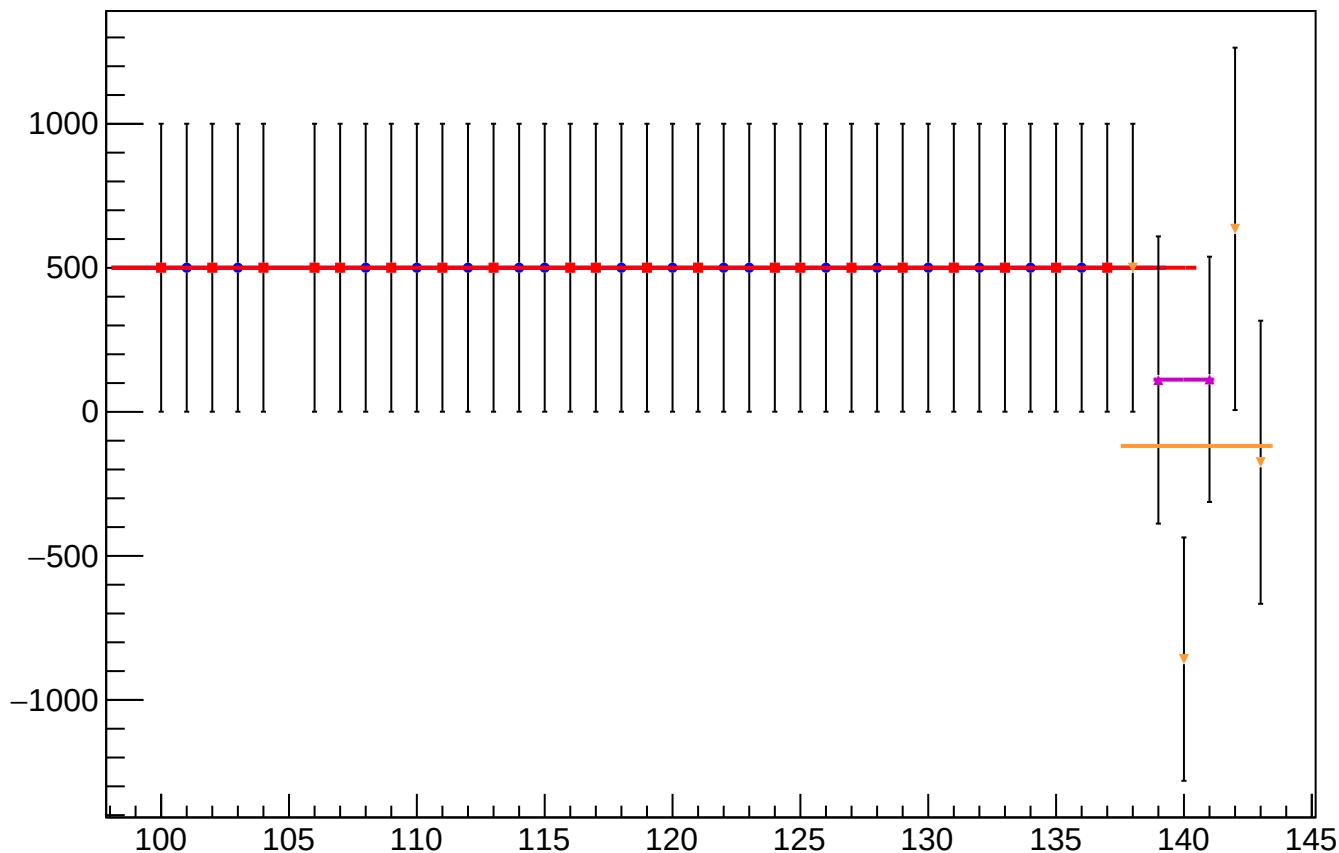
Right Out: 437.238 $\pm$ 0.081 χ^2 /NDF: 0.0/19

Left In: 417.311 $\pm$ 0.231 χ^2 /NDF:10660.6/1

430.556 $\pm$ 0.079 χ^2 /NDF: 46839.0/20

435.052 $\pm$ 0.077 χ^2 /NDF: 17288.4/21

asym_sam_15_26_dd_mean vs Slug



Right In: 500.448 $\pm$ 121.238 χ^2 /NDF: 0.0/16

Left Out: -118.320 $\pm$ 247.894 χ^2 /NDF:6.0/3

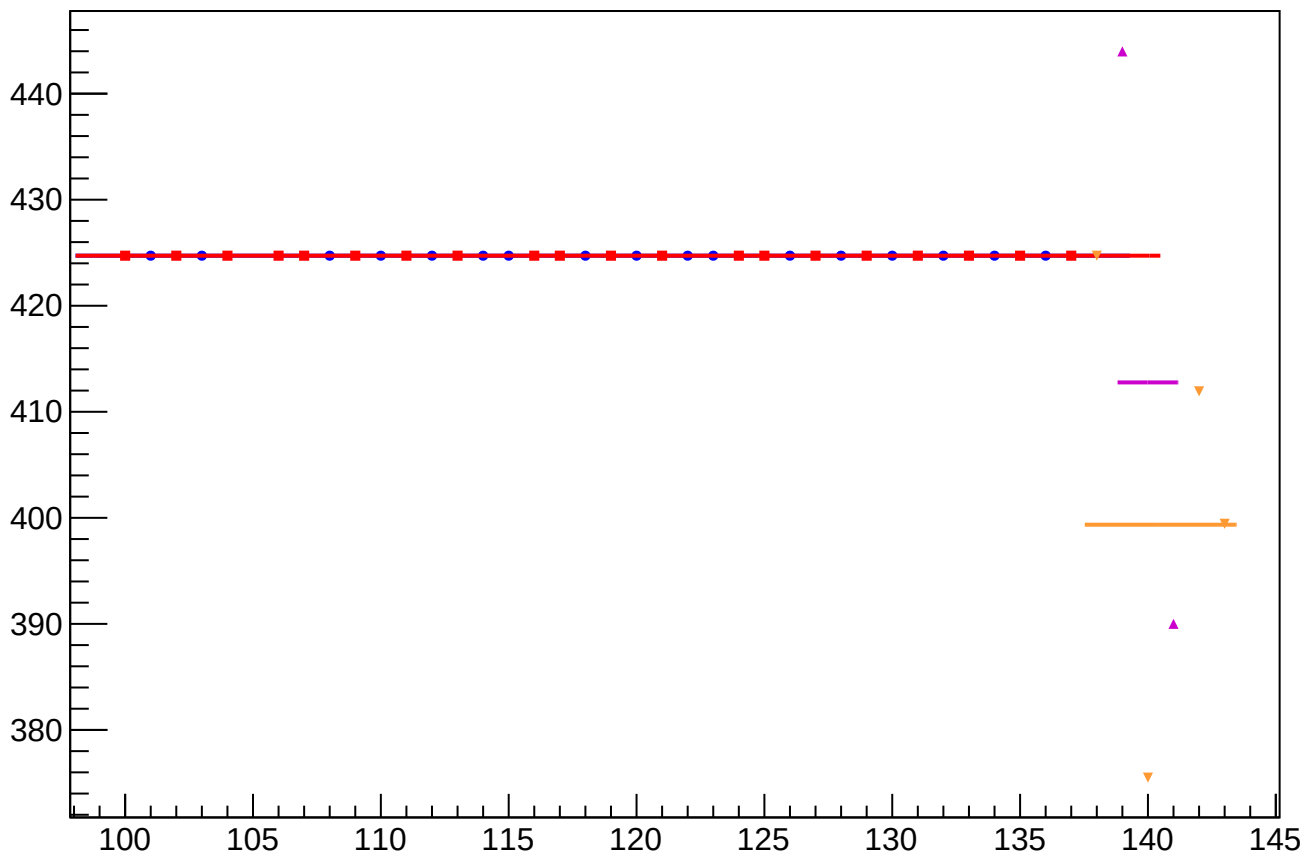
Right Out: 500.448 $\pm$ 111.776 χ^2 /NDF: 0.0/19

Left In: 112.035 $\pm$ 323.757 χ^2 /NDF:0.0/1

381.013 $\pm$ 108.910 χ^2 /NDF: 11.1/20

459.082 $\pm$ 105.656 χ^2 /NDF: 1.3/21

asym_sam_15_26_dd_rms vs Slug



Right In: 424.721+/-0.086 χ^2/NDF : 0.0/16

Left Out: 399.354+/-0.175 χ^2/NDF :12325.1/3

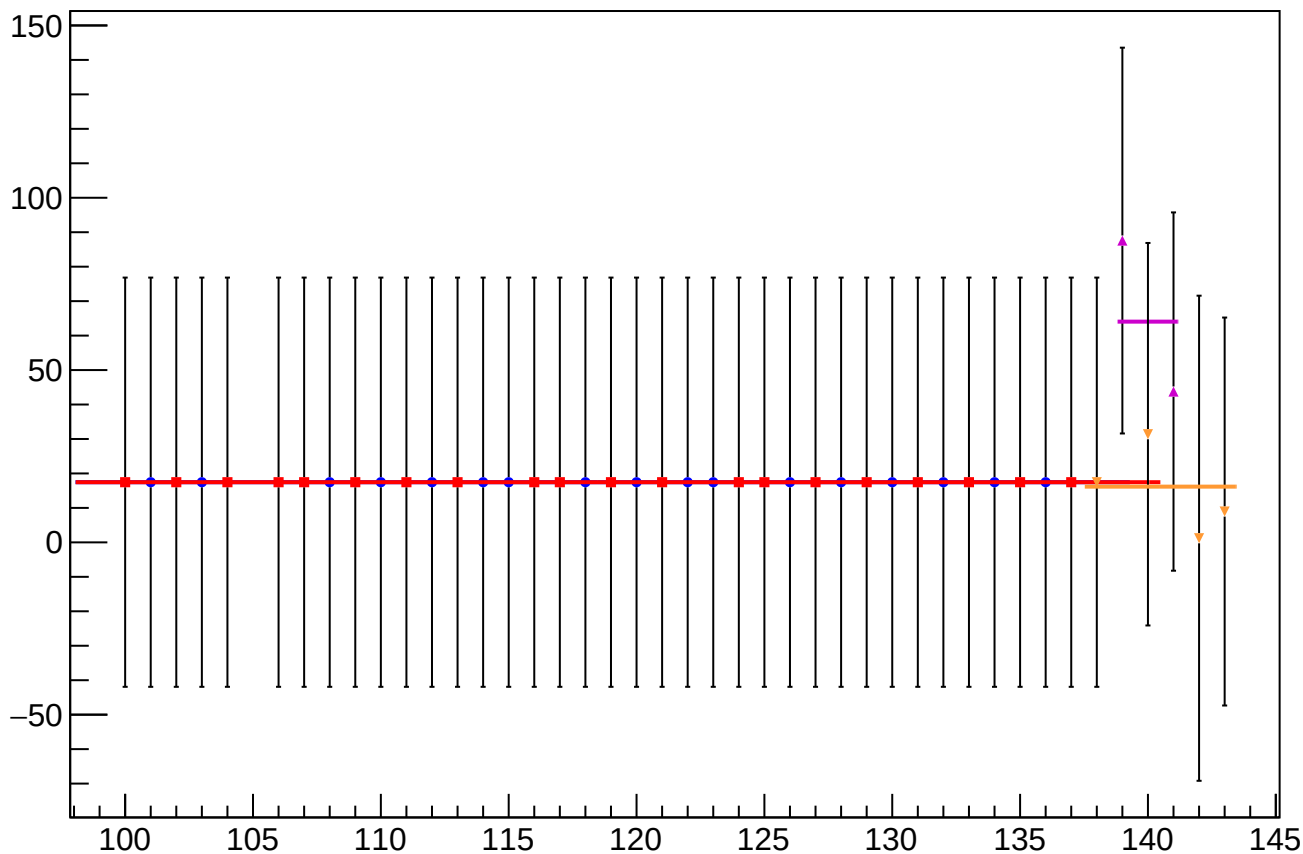
Right Out: 424.721+/-0.079 χ^2/NDF : 0.0/19

Left In: 412.771+/-0.229 χ^2/NDF :13557.9/1

419.824+/-0.077 χ^2/NDF : 29225.5/20

423.448+/-0.075 χ^2/NDF : 15992.4/21

dit_asym_sam_37_26_dd_mean vs Slug



Right In: 17.458+/-14.401 χ^2/NDF : 0.0/16

Left Out: 16.173+/-29.804 χ^2/NDF : 0.1/3

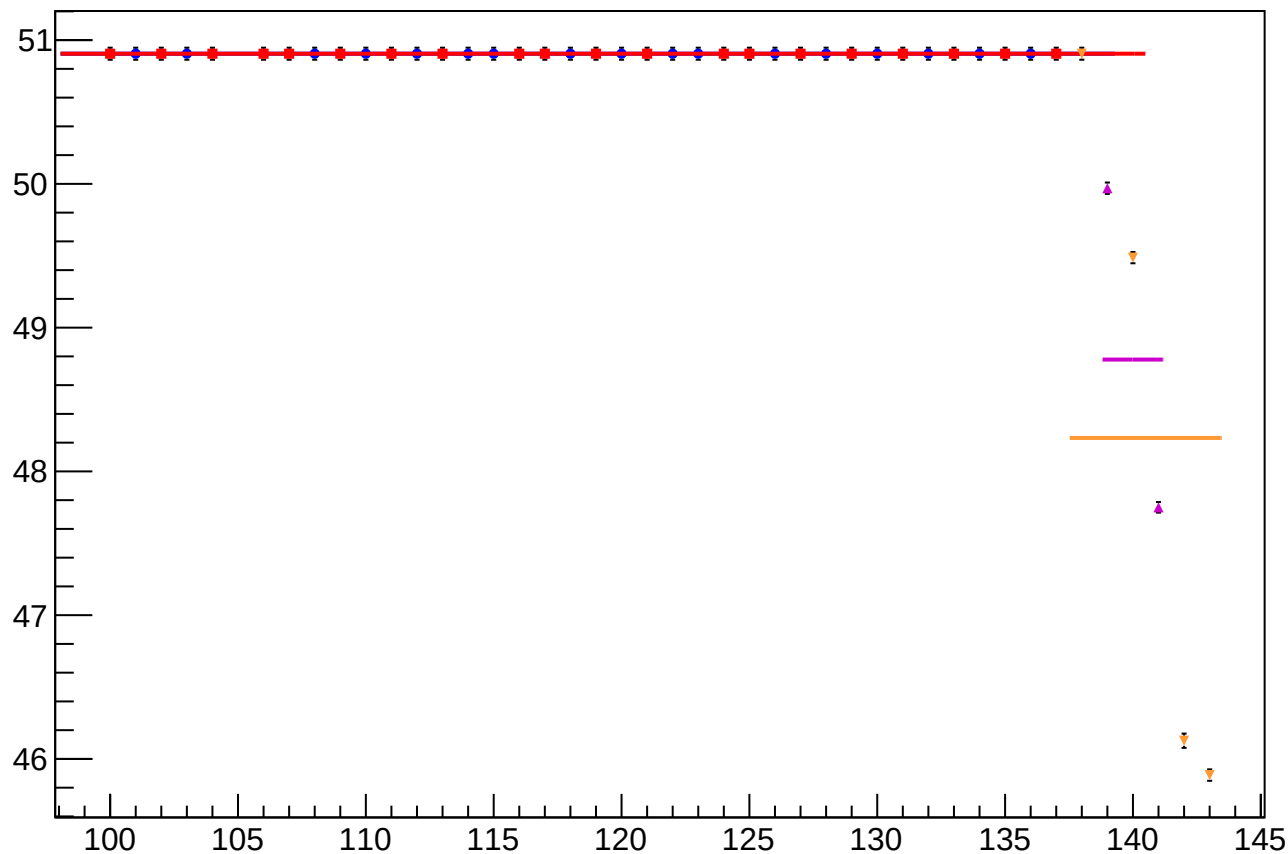
Right Out: 17.458+/-13.277 χ^2/NDF : 0.0/19

Left In: 64.052+/-38.093 χ^2/NDF : 0.3/1

17.214+/-12.967 χ^2/NDF : 0.1/20

22.505+/-12.538 χ^2/NDF : 1.7/21

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 50.905 $\pm$ 0.010 χ^2 /NDF: 0.0/16

Left Out: 48.233 $\pm$ 0.021 χ^2 /NDF:10335.2/3

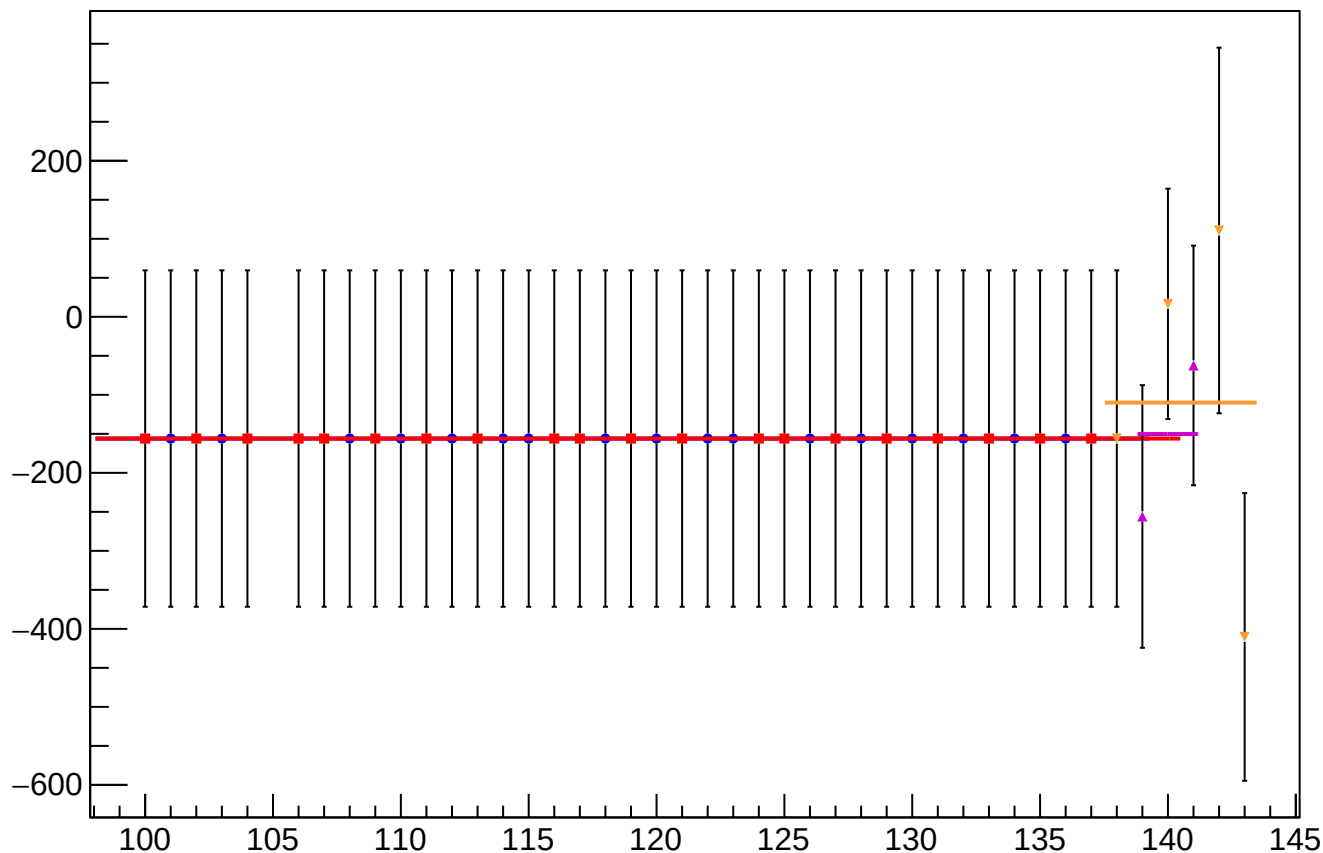
Right Out: 50.905 $\pm$ 0.009 χ^2 /NDF: 0.0/19

Left In: 48.778 $\pm$ 0.027 χ^2 /NDF:1688.6/1

50.400 $\pm$ 0.009 χ^2 /NDF: 23373.6/20

50.675 $\pm$ 0.009 χ^2 /NDF: 7251.3/21

asym_sam_37_26_dd_correction_mean vs Slug



Right In: -156.062 $\pm$ 52.294 χ^2/NDF : 0.0/16

Left Out: -109.955 $\pm$ 93.242 χ^2/NDF : 4.3/3

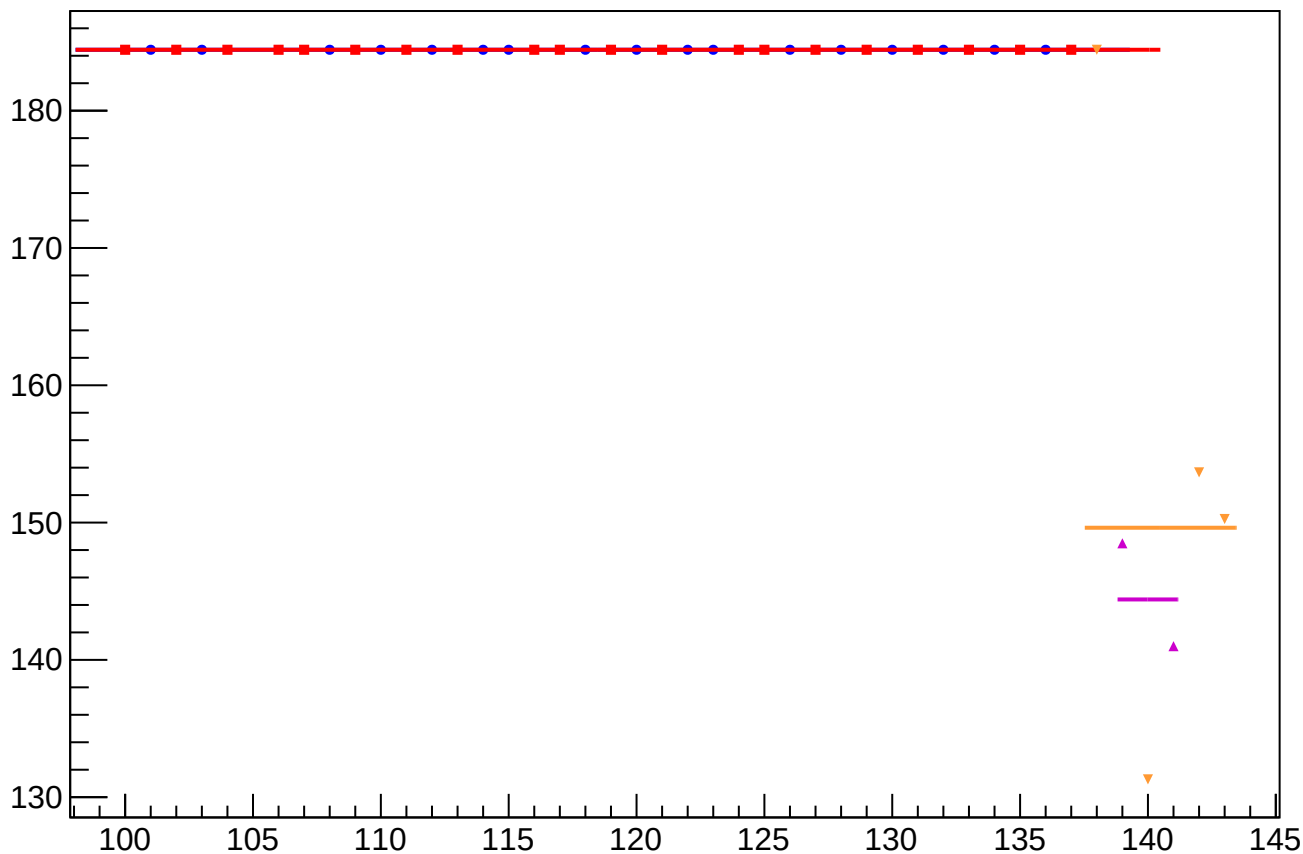
Right Out: -156.062 $\pm$ 48.213 χ^2/NDF : 0.0/19

Left In: -150.288 $\pm$ 113.453 χ^2/NDF : 0.7/1

-145.029 $\pm$ 45.611 χ^2/NDF : 4.5/20

-155.178 $\pm$ 44.373 χ^2/NDF : 0.7/21

asym_sam_37_26_dd_correction_rms vs Slug



Right In: 184.437 $\pm$ 0.037 χ^2 /NDF: 0.0/16

Left Out: 149.624 $\pm$ 0.066 χ^2 /NDF:83577.7/3

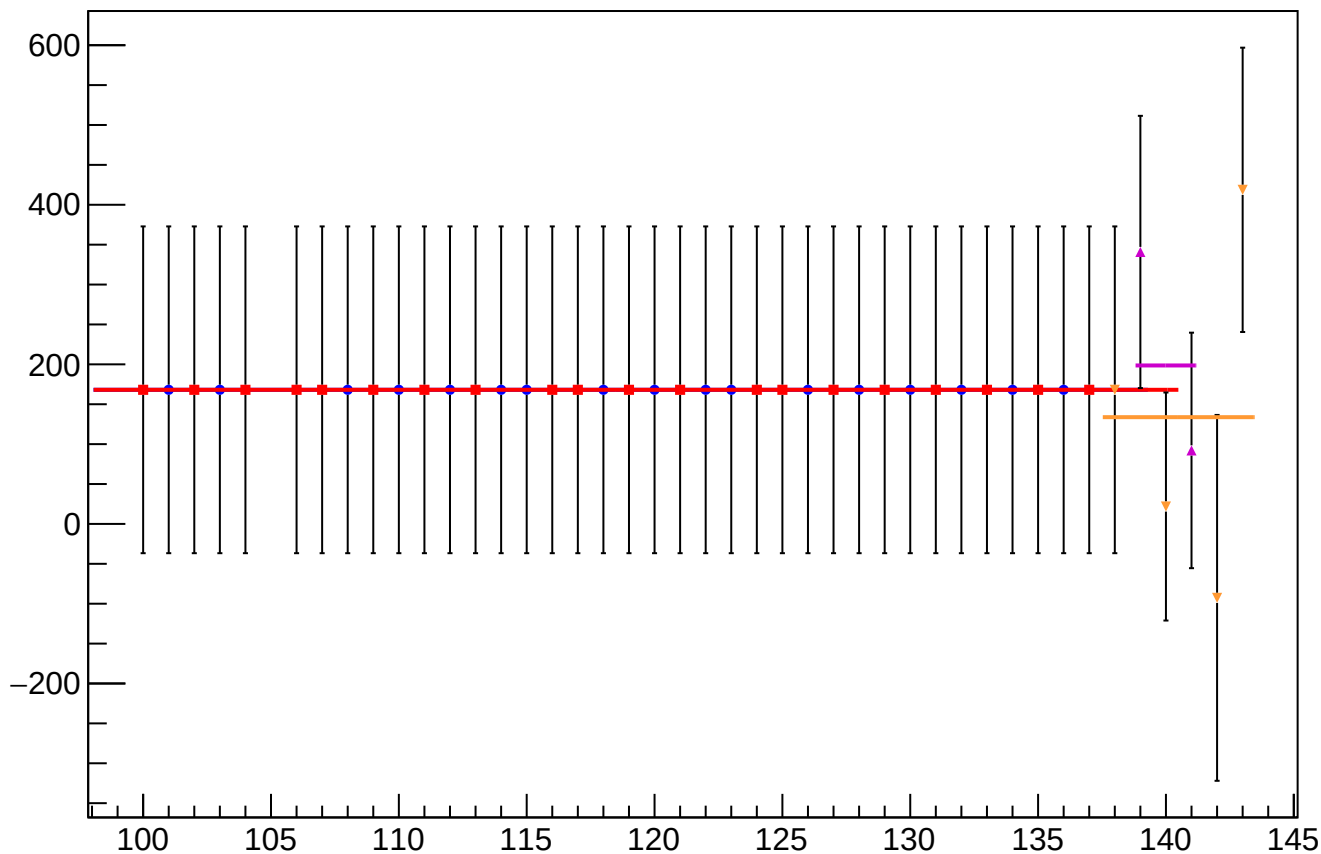
Right Out: 184.437 $\pm$ 0.034 χ^2 /NDF: 0.0/19

Left In: 144.401 $\pm$ 0.080 χ^2 /NDF:2162.6/1

176.107 $\pm$ 0.032 χ^2 /NDF: 295656.5/20

178.313 $\pm$ 0.031 χ^2 /NDF: 213115.6/21

asym_sam_37_26_dd_mean vs Slug



Right In: 168.090 $\pm$ 49.667 χ^2/NDF : 0.0/16

Left Out: 133.786 $\pm$ 90.043 χ^2/NDF : 4.2/3

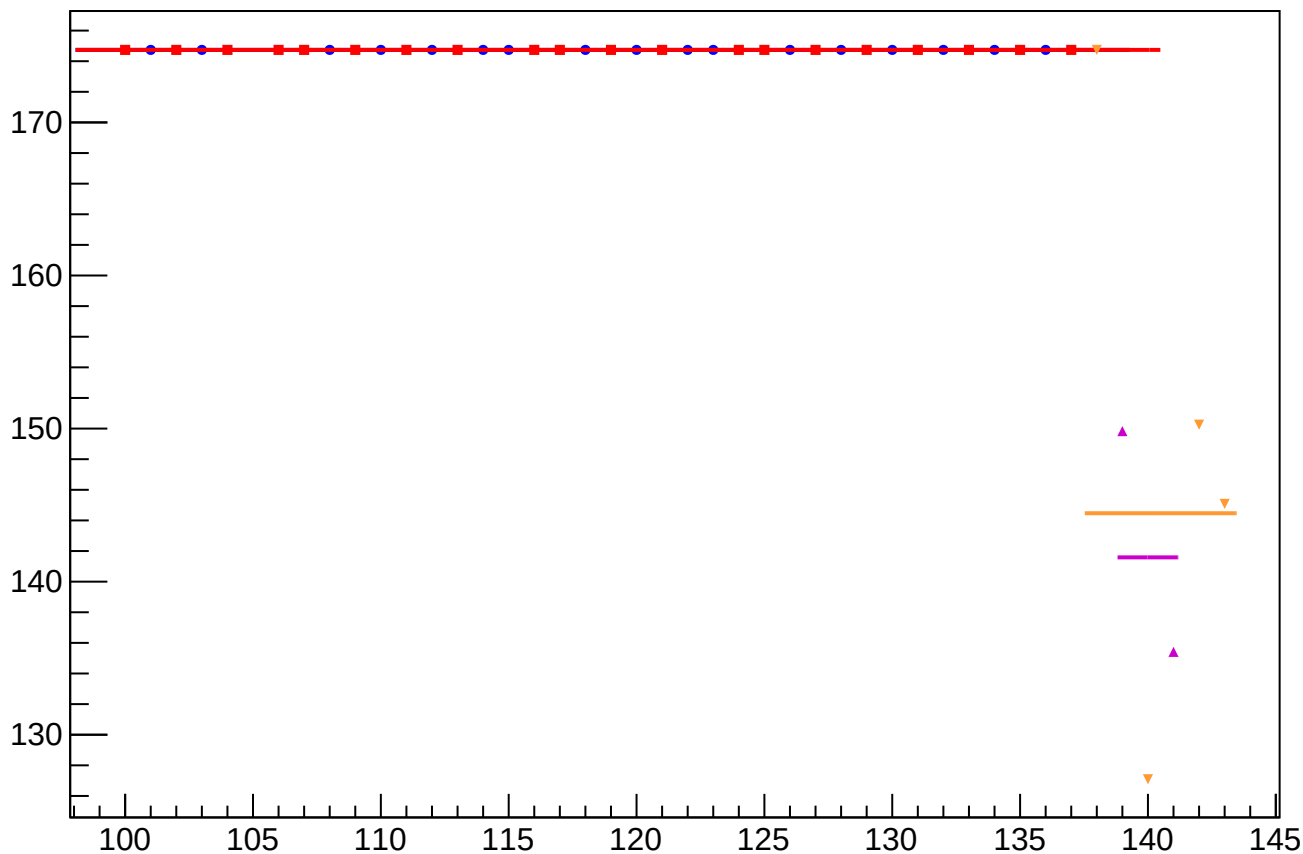
Right Out: 168.090 $\pm$ 45.791 χ^2/NDF : 0.0/19

Left In: 198.601 $\pm$ 111.613 χ^2/NDF : 1.2/1

160.088 $\pm$ 43.490 χ^2/NDF : 4.3/20

172.486 $\pm$ 42.364 χ^2/NDF : 1.3/21

asym_sam_37_26_dd_rms vs Slug



Right In: 174.739 +/- 0.035 χ^2/NDF : 0.0/16

Left Out: 144.470 +/- 0.064 χ^2/NDF : 74572.8/3

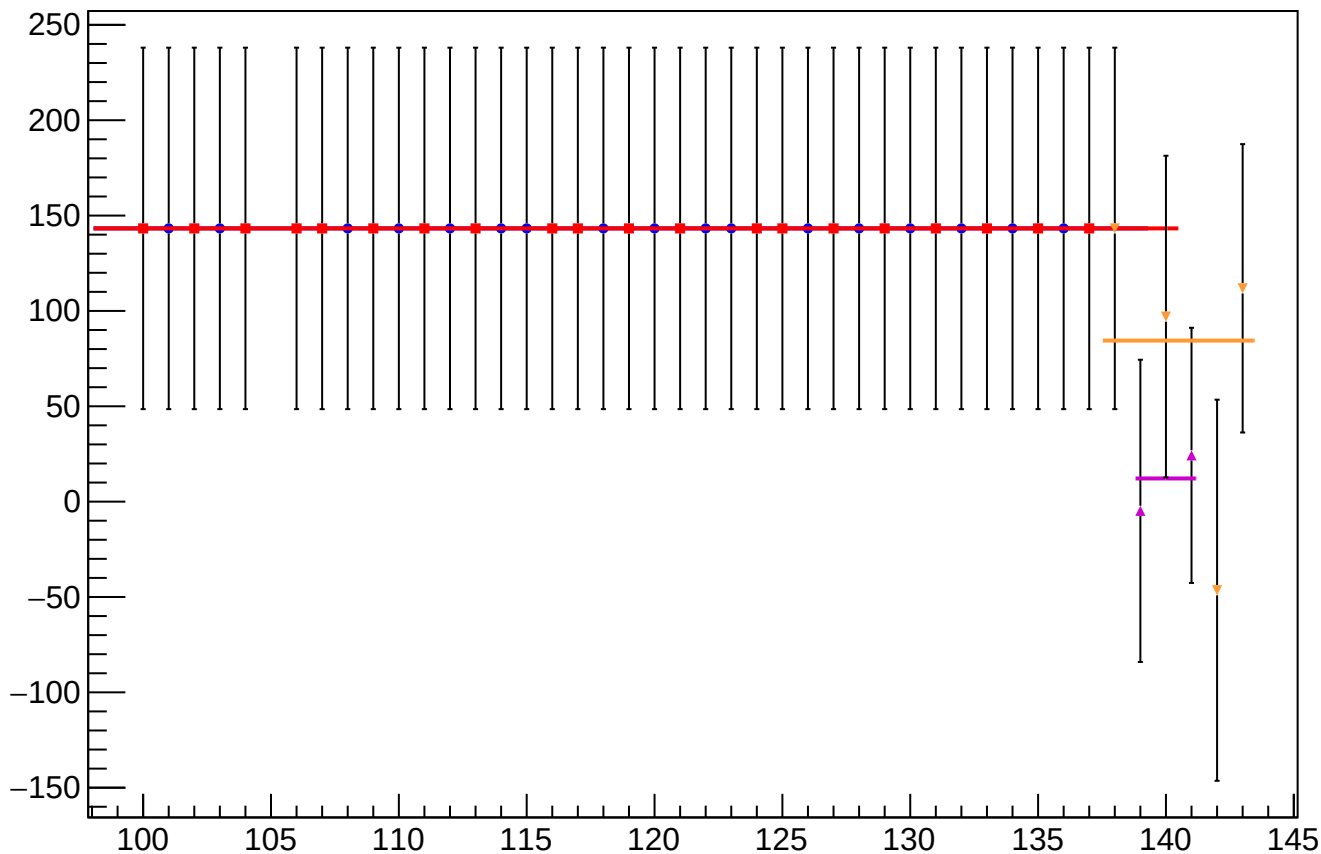
Right Out: 174.739 +/- 0.032 χ^2/NDF : 0.0/19

Left In: 141.586 +/- 0.079 χ^2/NDF : 8172.6/1

167.678 +/- 0.031 χ^2/NDF : 247862.9/20

169.963 +/- 0.030 χ^2/NDF : 159207.1/21

dit_asym_sam_1357_avg_mean vs Slug



Right In: 143.273 $\pm$ 22.985 χ^2 /NDF: 0.0/16

Left Out: 84.451 $\pm$ 43.559 χ^2 /NDF:2.3/3

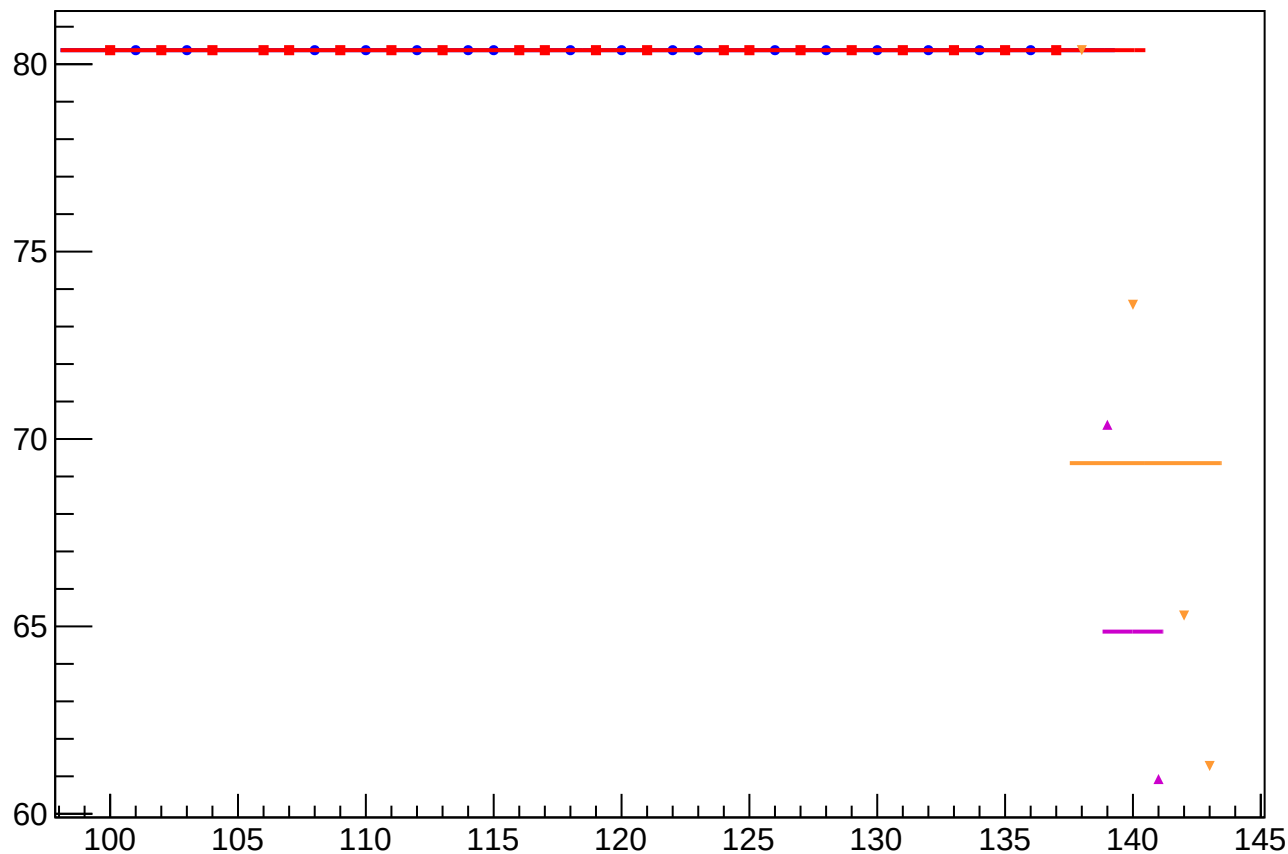
Right Out: 143.273 $\pm$ 21.191 χ^2 /NDF: 0.0/19

Left In: 12.154 $\pm$ 51.115 χ^2 /NDF:0.1/1

130.462 $\pm$ 20.328 χ^2 /NDF: 3.7/20

124.043 $\pm$ 19.575 χ^2 /NDF: 5.7/21

dit_asym_sam_1357_avg_rms vs Slug



Right In: 80.374 $\pm$ 0.016 χ^2 /NDF: 0.0/16

Left Out: 69.356 $\pm$ 0.031 χ^2 /NDF: 58208.6/3

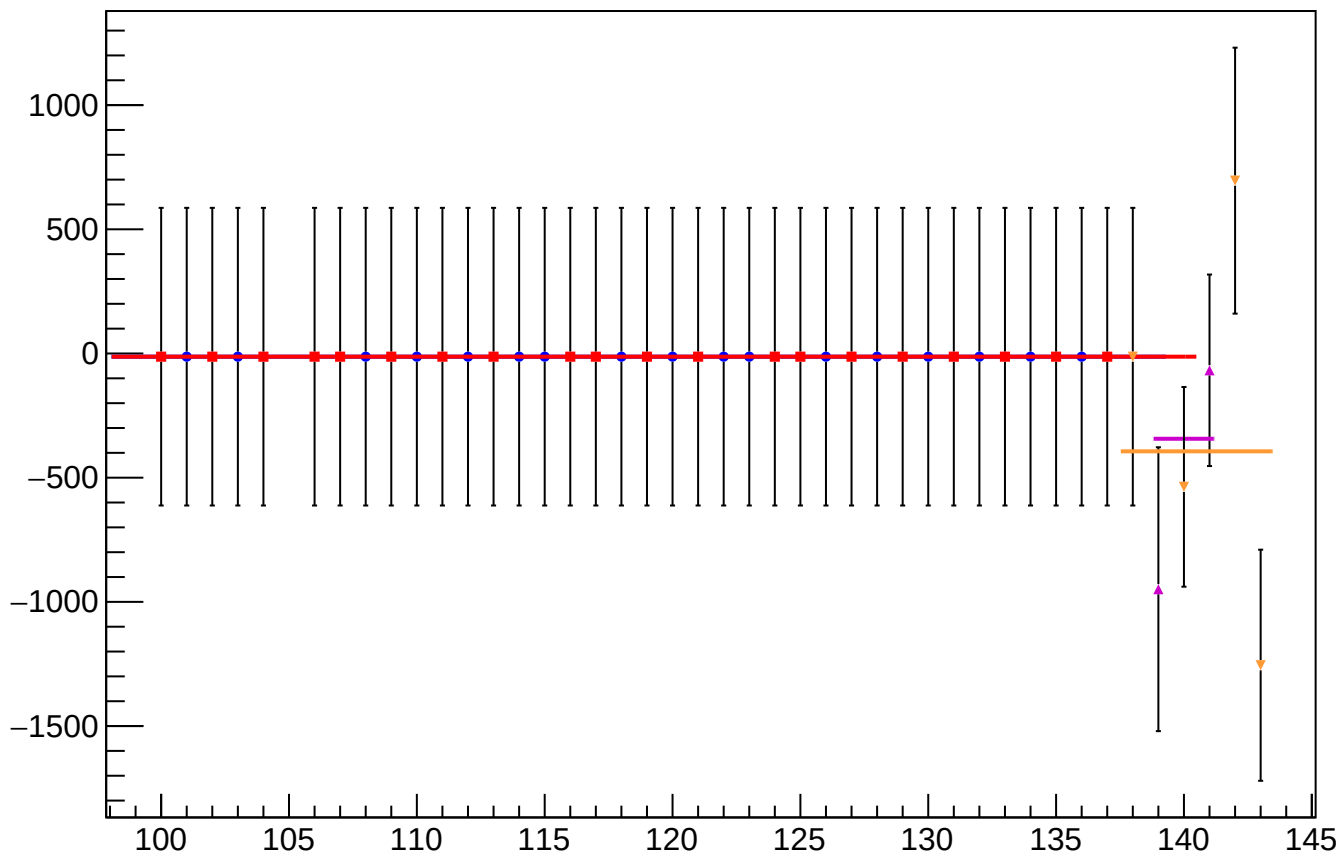
Right Out: 80.374 $\pm$ 0.015 χ^2 /NDF: 0.0/19

Left In: 64.861 $\pm$ 0.036 χ^2 /NDF: 16616.4/1

77.974 $\pm$ 0.014 χ^2 /NDF: 158299.3/20

78.099 $\pm$ 0.014 χ^2 /NDF: 173811.9/21

asym_sam_1357_avg_correction_mean vs Slug



Right In: -12.832 ± 145.325 χ^2/NDF : 0.0/16

Left Out: -393.876 ± 241.966 χ^2/NDF : 8.1/3

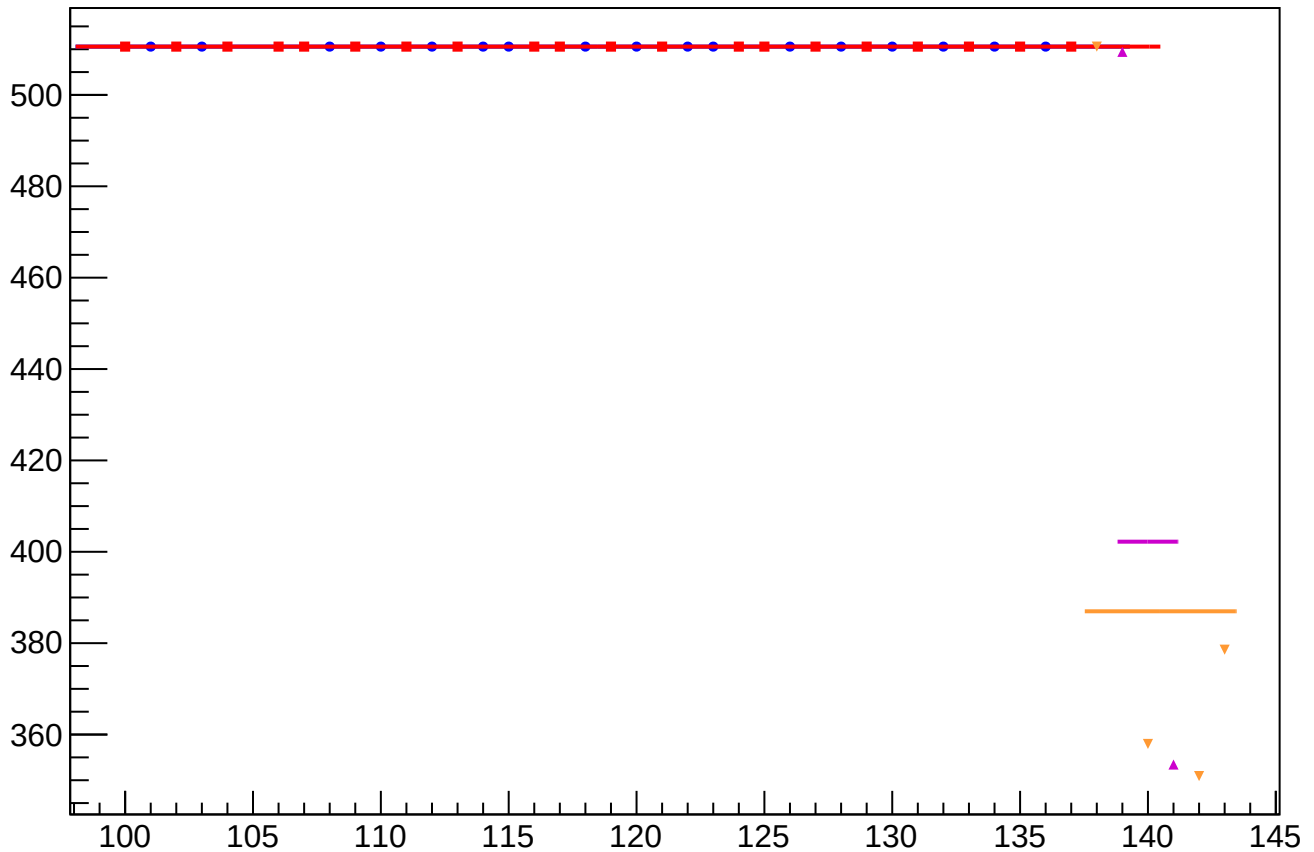
Right Out: -12.832 ± 133.983 χ^2/NDF : 0.0/19

Left In: -343.291 ± 319.570 χ^2/NDF : 1.6/1

-113.845 ± 124.582 χ^2/NDF : 9.9/20

-62.236 ± 123.563 χ^2/NDF : 2.5/21

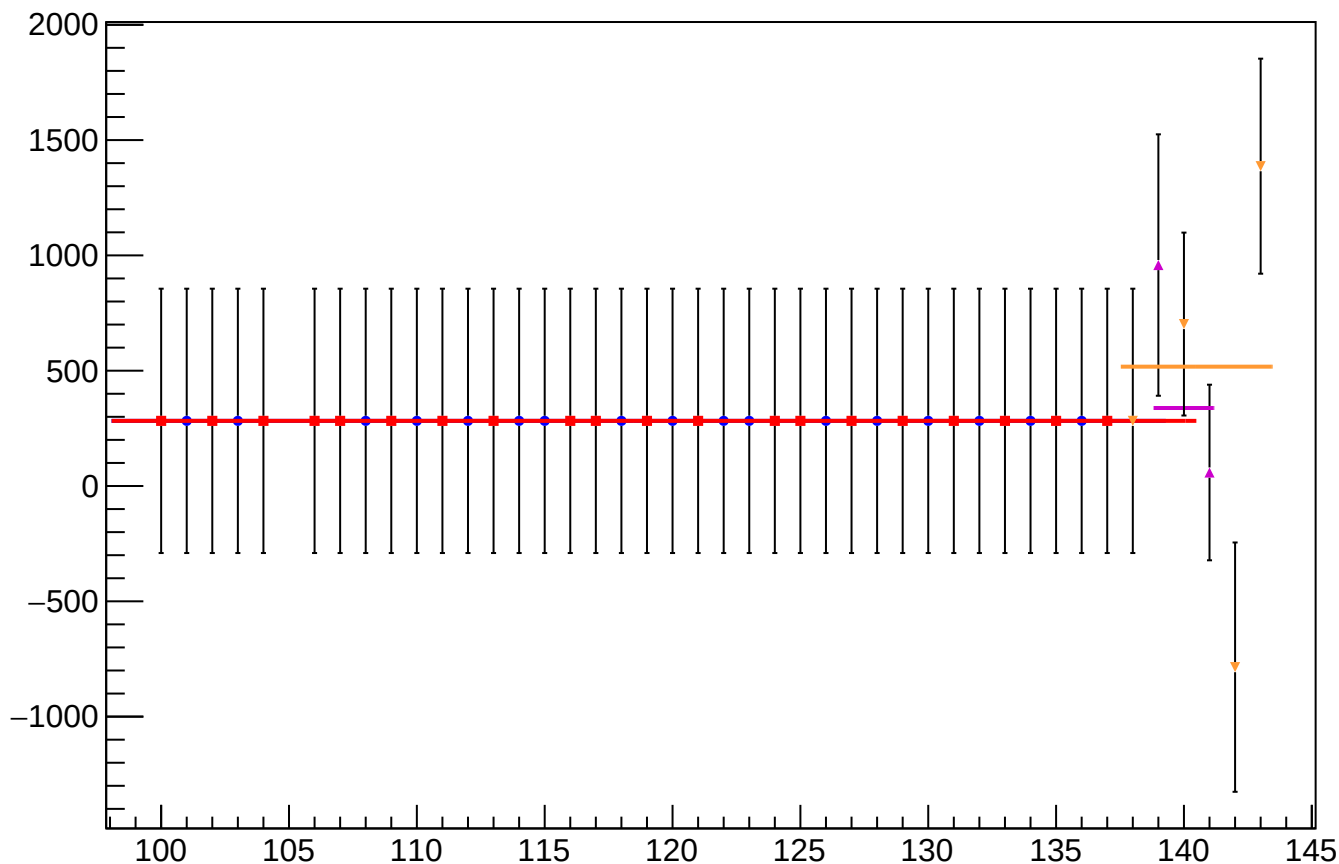
asym_sam_1357_avg_correction_rms vs Slug



Right In: 510.575 $\pm$ 0.103 χ^2/NDF : 0.0/16
 Left Out: 386.976 $\pm$ 0.171 χ^2/NDF : 105256.9/3
 Right Out: 510.575 $\pm$ 0.095 χ^2/NDF : 0.0/19
 Left In: 402.213 $\pm$ 0.226 χ^2/NDF : 102419.4/1

477.809 $\pm$ 0.088 χ^2/NDF : 488768.9/20
 494.375 $\pm$ 0.087 χ^2/NDF : 297997.6/21

asym_sam_1357_avg_mean vs Slug



Right In: 282.465 $\pm$ 139.000 χ^2/NDF : 0.0/16

Left Out: 517.502 $\pm$ 239.537 χ^2/NDF : 9.7/3

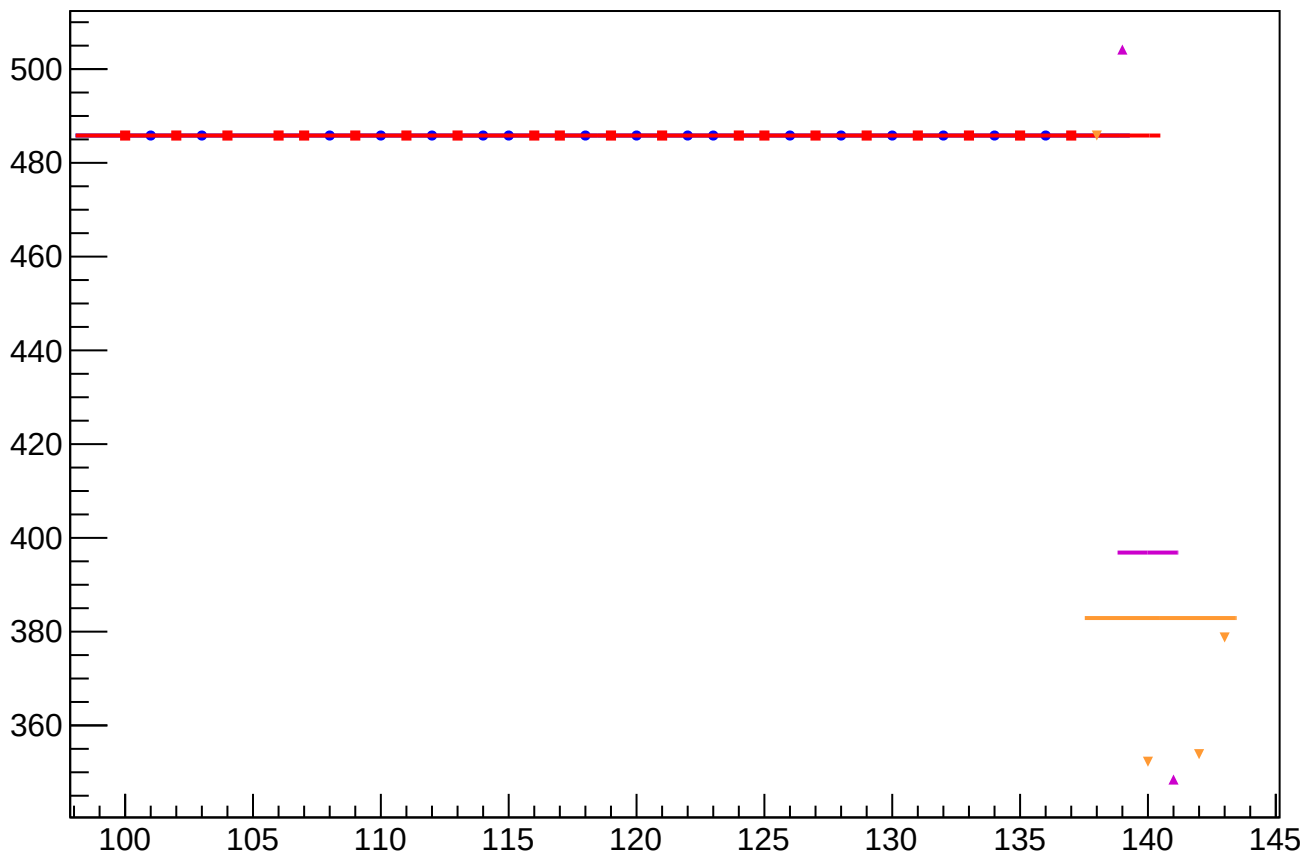
Right Out: 282.465 $\pm$ 128.152 χ^2/NDF : 0.0/19

Left In: 338.243 $\pm$ 316.045 χ^2/NDF : 1.7/1

341.672 $\pm$ 120.224 χ^2/NDF : 10.4/20

290.341 $\pm$ 118.760 χ^2/NDF : 1.8/21

asym_sam_1357_avg_rms vs Slug



Right In: 485.828 ± 0.098 χ^2/NDF : 0.0/16

Left Out: 382.901 ± 0.169 χ^2/NDF : 82384.9/3

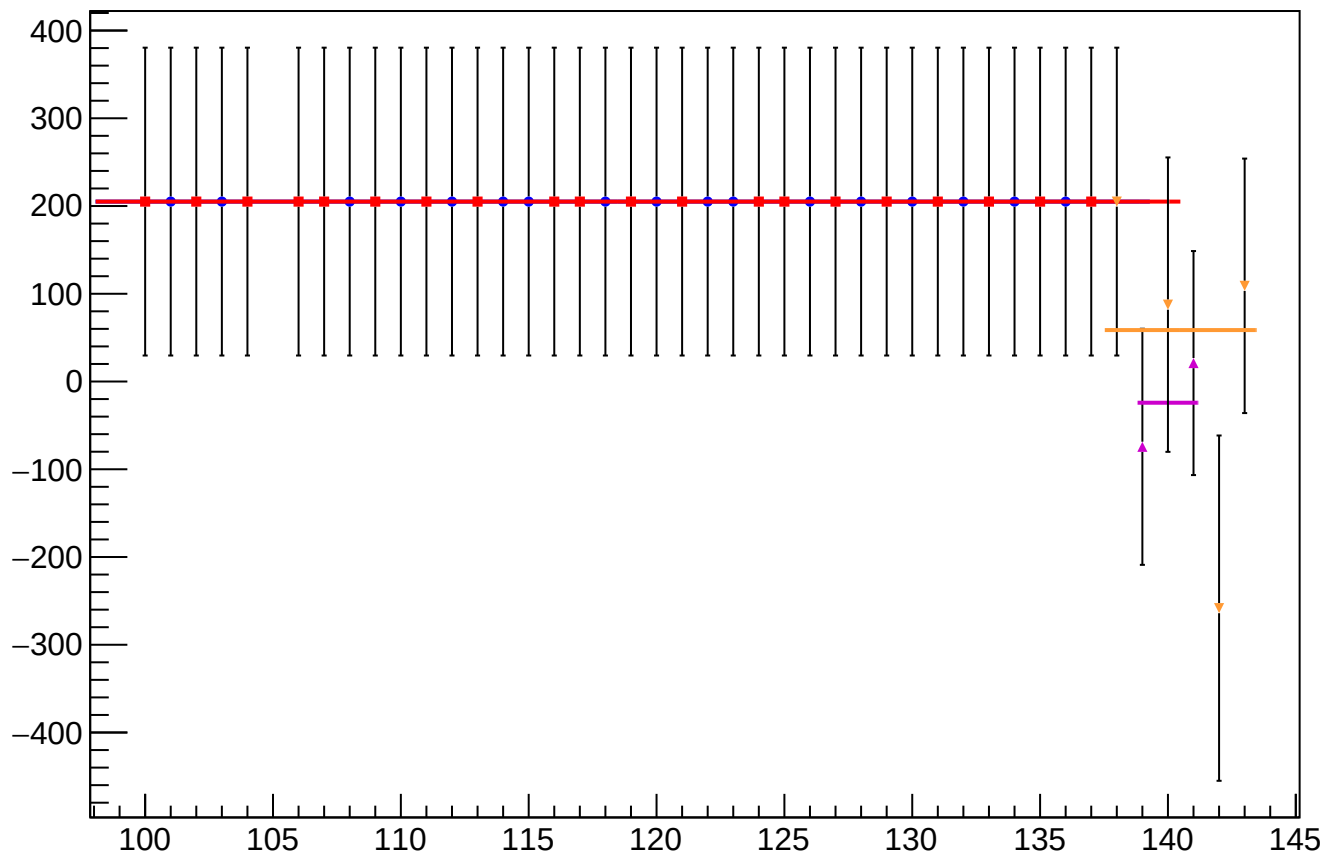
Right Out: 485.828 ± 0.091 χ^2/NDF : 0.0/19

Left In: 396.868 ± 0.223 χ^2/NDF : 104018.1/1

459.900 ± 0.085 χ^2/NDF : 358633.1/20

473.267 ± 0.084 χ^2/NDF : 240105.3/21

dit_asym_sam_2468_avg_mean vs Slug



Right In: 205.044+/-42.546 χ^2/NDF : 0.0/16

Left Out: 58.625+/-84.092 χ^2/NDF :3.4/3

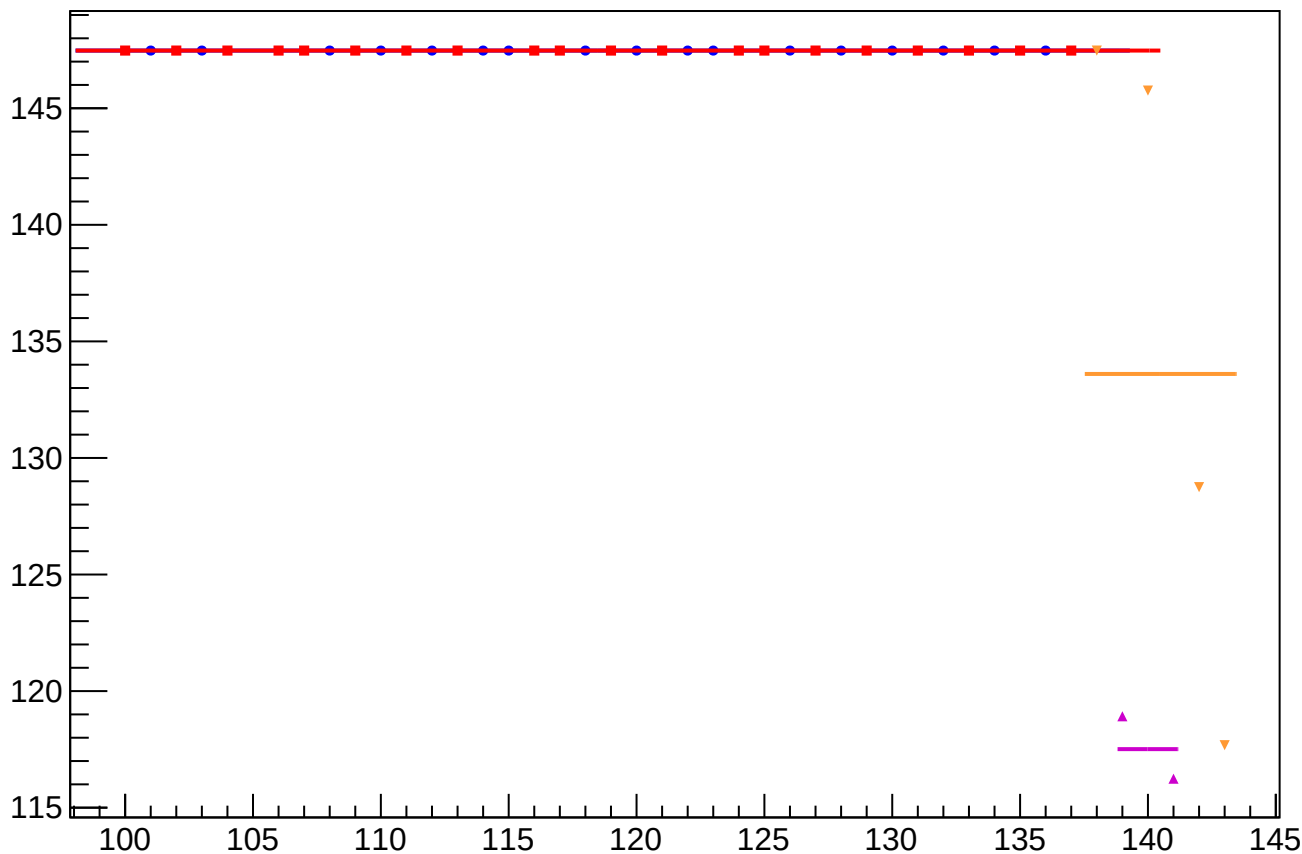
Right Out: 205.044+/-39.226 χ^2/NDF : 0.0/19

Left In: -24.175+/-92.606 χ^2/NDF :0.3/1

175.203+/-37.964 χ^2/NDF : 5.9/20

170.175+/-36.119 χ^2/NDF : 5.5/21

dit_asym_sam_2468_avg_rms vs Slug



Right In: 147.474 $\pm$ 0.030 χ^2 /NDF: 0.0/16

Left Out: 133.603 $\pm$ 0.059 χ^2 /NDF:48337.7/3

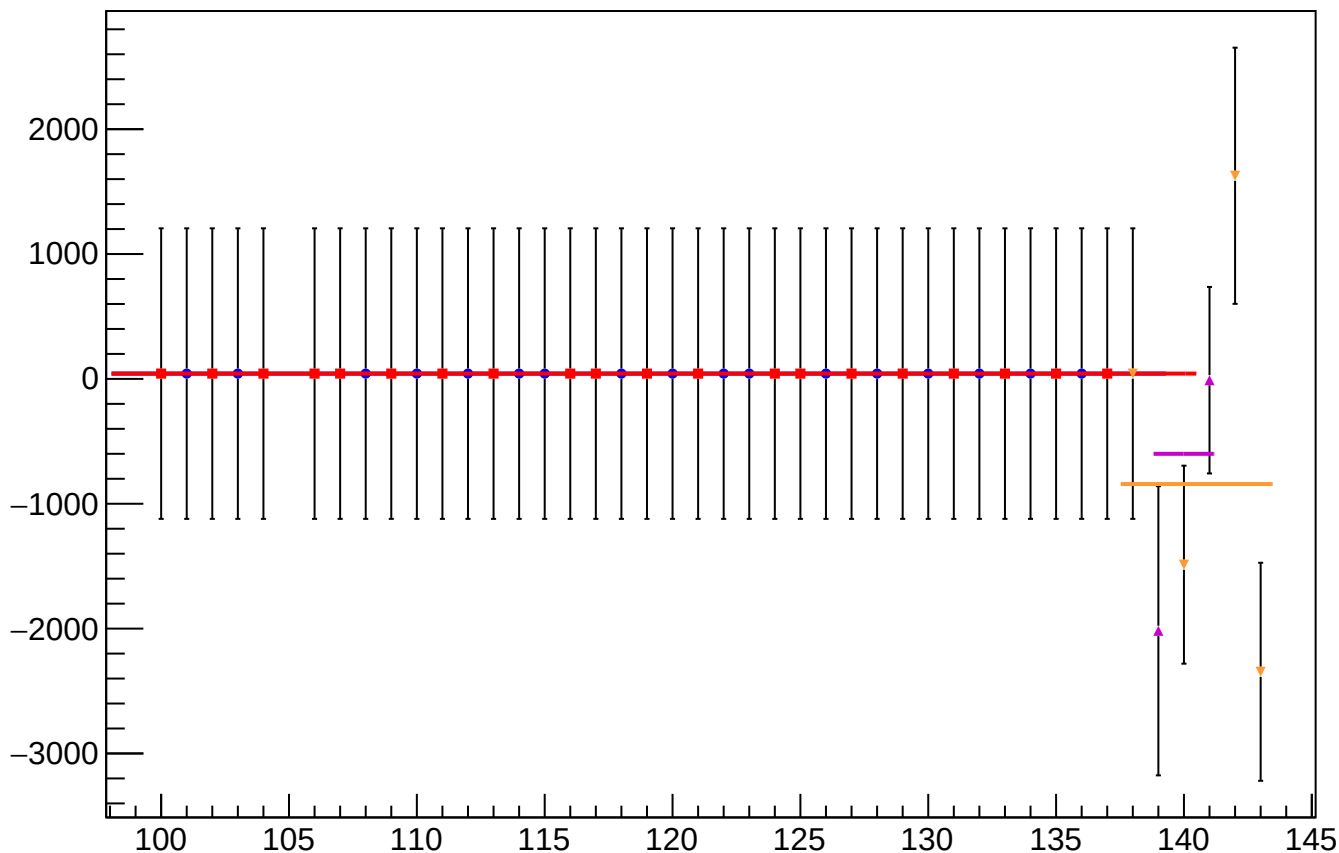
Right Out: 147.474 $\pm$ 0.028 χ^2 /NDF: 0.0/19

Left In: 117.511 $\pm$ 0.065 χ^2 /NDF:416.7/1

144.647 $\pm$ 0.027 χ^2 /NDF: 91664.9/20

142.916 $\pm$ 0.026 χ^2 /NDF: 177943.2/21

asym_sam_2468_avg_correction_mean vs Slug



Right In: 42.446+/-282.215 χ^2/NDF : 0.0/16

Left Out: -842.161+/-466.722 χ^2/NDF :10.0/3

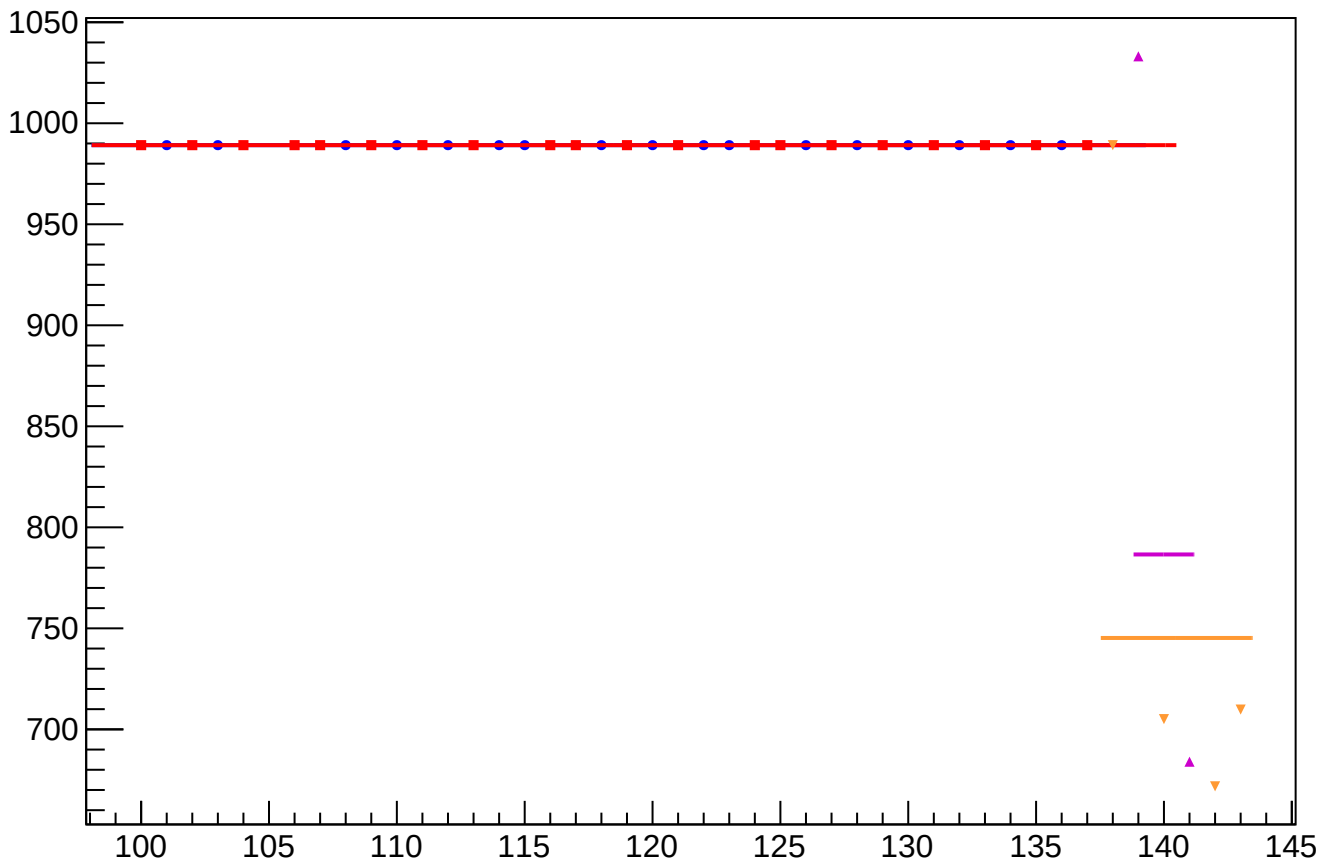
Right Out: 42.446+/-260.189 χ^2/NDF : 0.0/19

Left In: -600.086+/-627.698 χ^2/NDF :2.1/1

-194.397+/-241.498 χ^2/NDF : 12.6/20

-51.767+/-240.358 χ^2/NDF : 3.0/21

asym_sam_2468_avg_correction_rms vs Slug



Right In: 989.160 ± 0.200 χ^2/NDF : 0.0/16

Left Out: 745.241 ± 0.330 χ^2/NDF : 106561.3/3

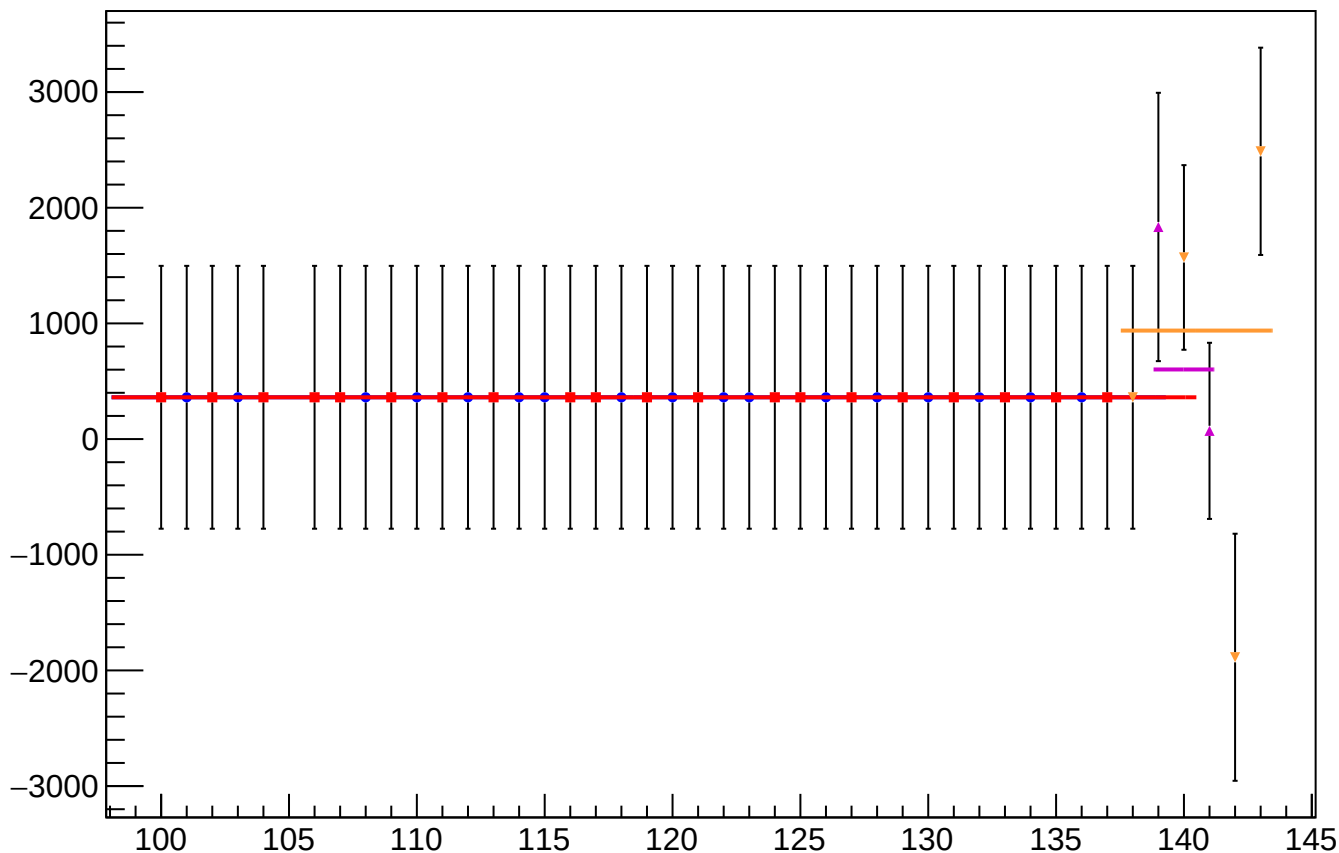
Right Out: 989.160 ± 0.184 χ^2/NDF : 0.0/19

Left In: 786.573 ± 0.444 χ^2/NDF : 128377.8/1

923.854 ± 0.171 χ^2/NDF : 506573.6/20

959.455 ± 0.170 χ^2/NDF : 306160.7/21

asym_sam_2468_avg_mean vs Slug



Right In: 361.179+/-275.595 χ^2/NDF : 0.0/16

Left Out: 937.921+/-473.163 χ^2/NDF :10.9/3

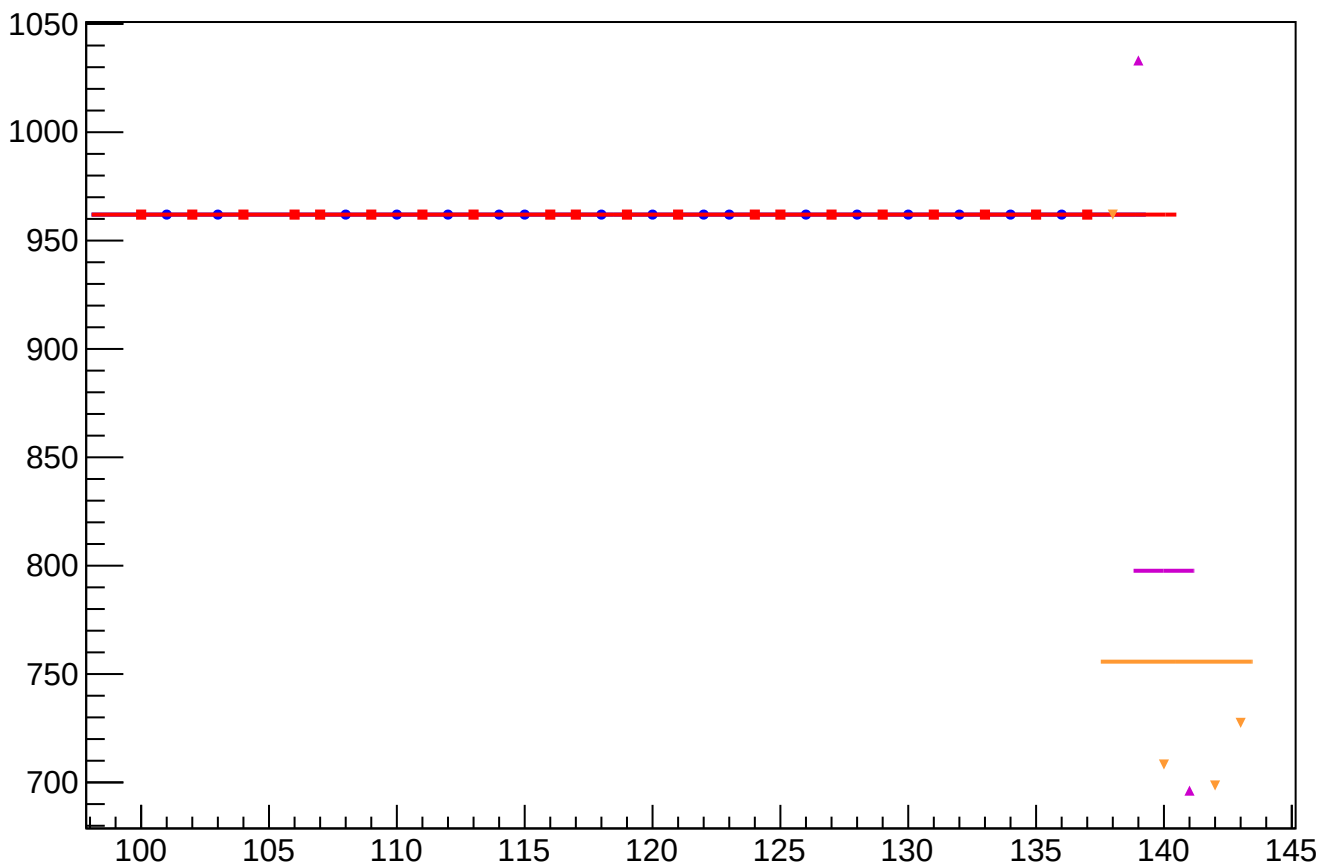
Right Out: 361.179+/-254.086 χ^2/NDF : 0.0/19

Left In: 601.742+/-636.498 χ^2/NDF :1.6/1

507.276+/-238.144 χ^2/NDF : 12.0/20

394.245+/-235.978 χ^2/NDF : 1.7/21

asym_sam_2468_avg_rms vs Slug



Right In: 961.988+/-0.195 χ^2/NDF : 0.0/16

Left Out: 755.714+/-0.335 χ^2/NDF : 80686.5/3

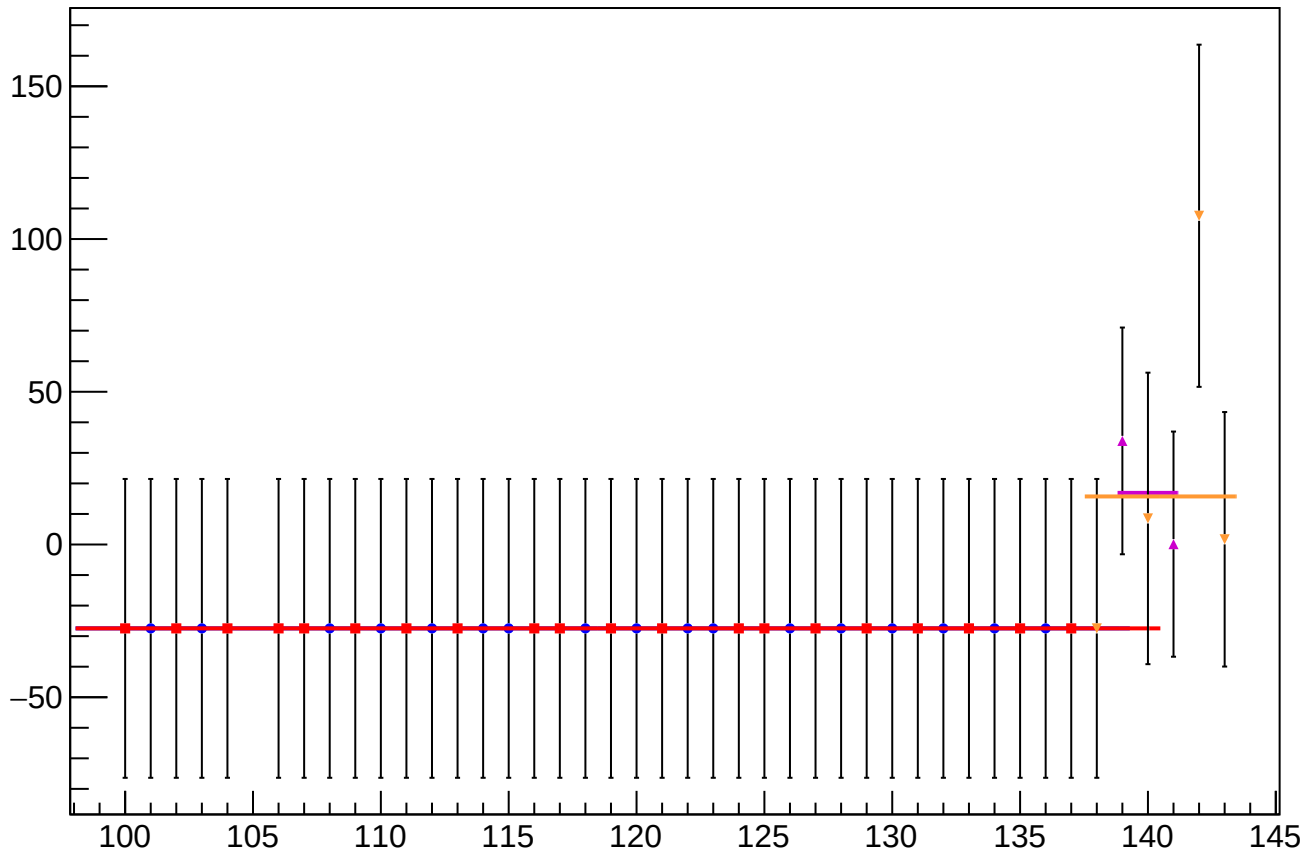
Right Out: 961.988+/-0.180 χ^2/NDF : 0.0/19

Left In: 797.653+/-0.450 χ^2/NDF : 117921.6/1

909.736+/-0.168 χ^2/NDF : 364503.2/20

939.400+/-0.167 χ^2/NDF : 232916.6/21

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -27.456 $\pm$ 11.864 χ^2 /NDF: 0.0/16

Left Out: 15.731 $\pm$ 23.890 χ^2 /NDF:3.6/3

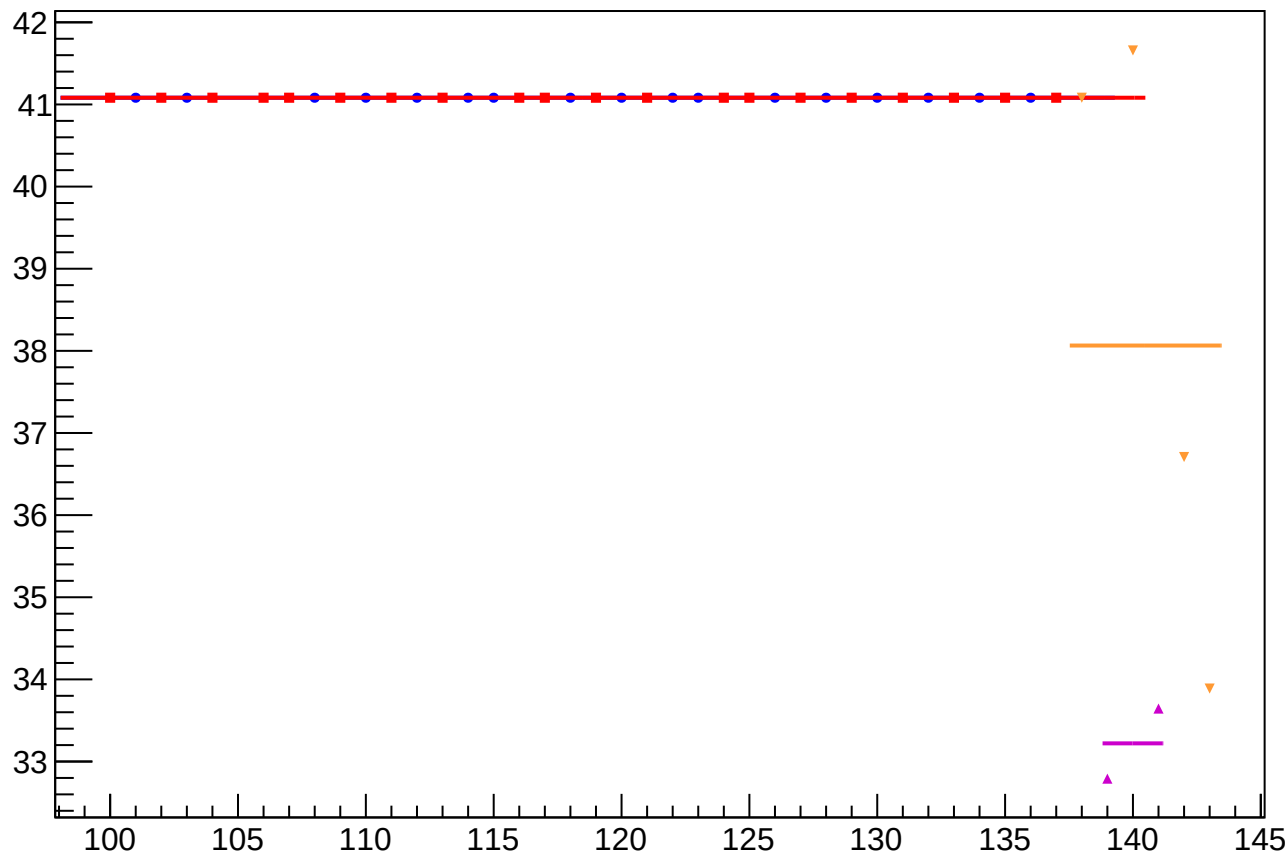
Right Out: -27.456 $\pm$ 10.938 χ^2 /NDF: 0.0/19

Left In: 16.900 $\pm$ 26.151 χ^2 /NDF:0.4/1

-18.912 $\pm$ 10.626 χ^2 /NDF: 6.2/20

-20.852 $\pm$ 10.091 χ^2 /NDF: 2.9/21

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/16

Left Out: 38.065 $\pm$ 0.017 χ^2 /NDF: 40225.5/3

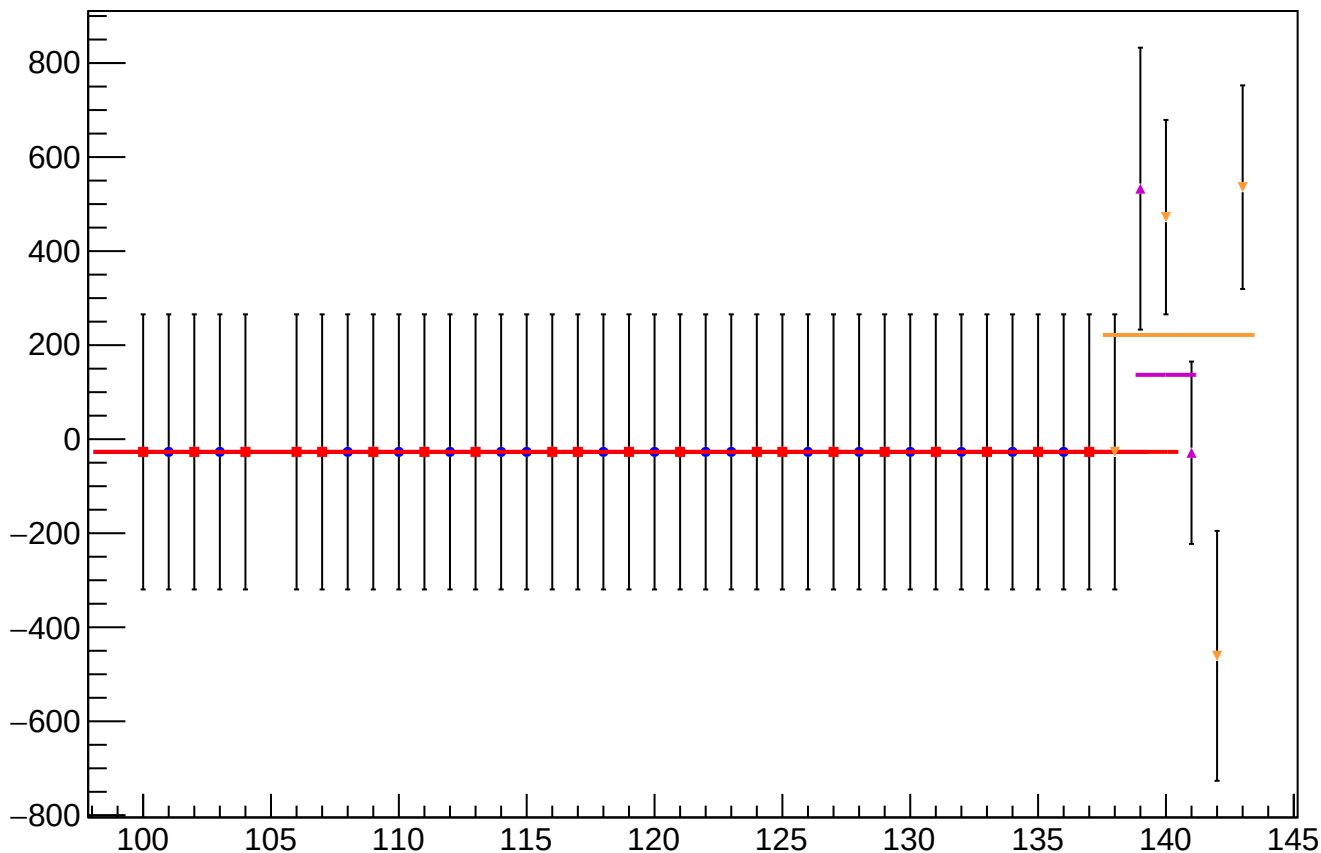
Right Out: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/19

Left In: 33.221 $\pm$ 0.018 χ^2 /NDF: 532.2/1

40.485 $\pm$ 0.008 χ^2 /NDF: 65815.3/20

39.912 $\pm$ 0.007 χ^2 /NDF: 154335.4/21

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: -27.007+/-70.953 χ^2/NDF : 0.0/16

Left Out: 221.669+/-119.035 $\chi^2/\text{NDF}: 10.9/3$

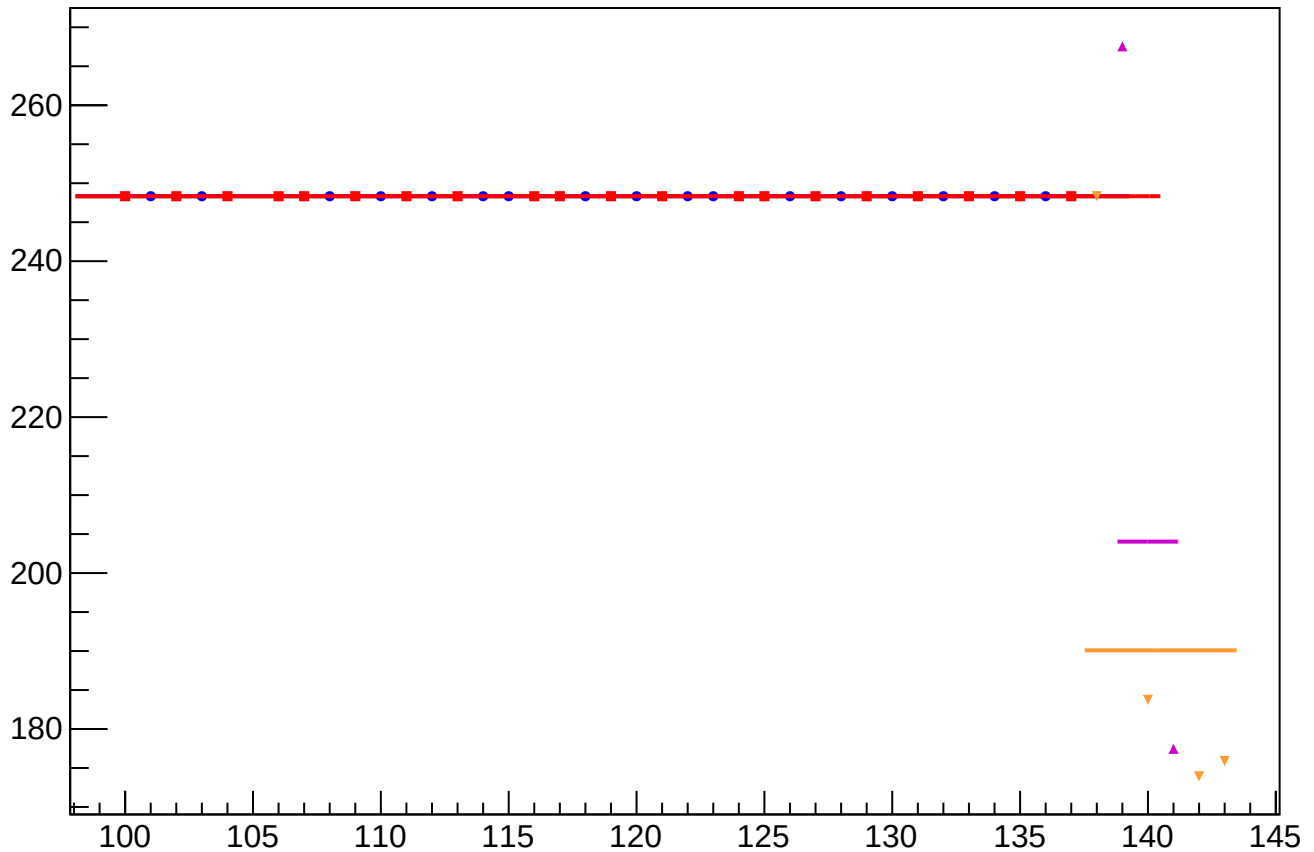
Right Out: -27.007+/-65.416 χ^2/NDF : 0.0/19

Left In: 136.826+/-162.819 χ^2 /NDF:2.5/1

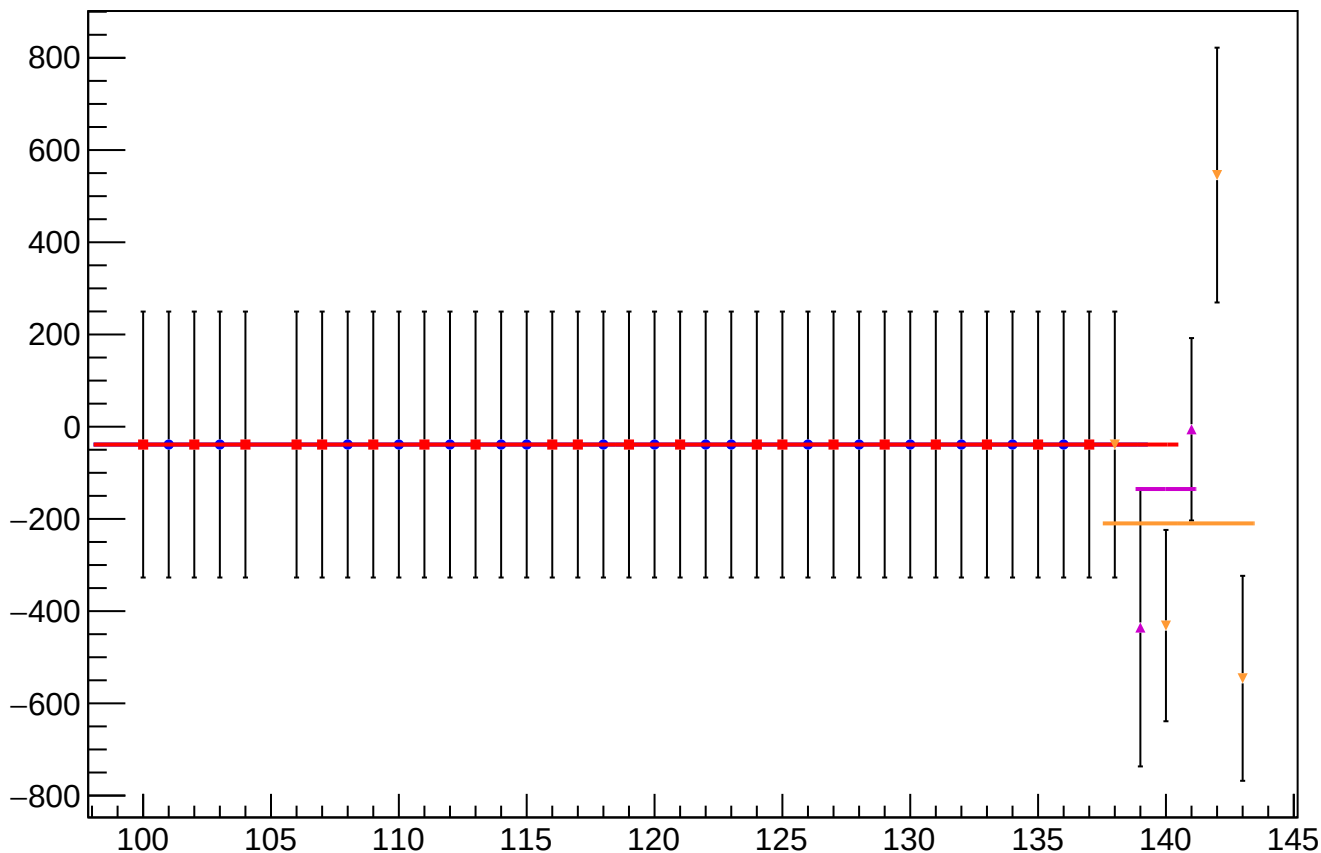
38.185+/-60.947 χ^2/NDF : 14.1/20

-4.237+/-60.700 χ^2/NDF : 3.3/21

asym_sam_1357_2468_dd_correction_rms vs Slug



asym_sam_1357_2468_dd_mean vs Slug



Right In: -38.700 $\pm$ 69.948 χ^2 /NDF: 0.0/16

Left Out: -209.703 $\pm$ 120.741 χ^2 /NDF:11.3/3

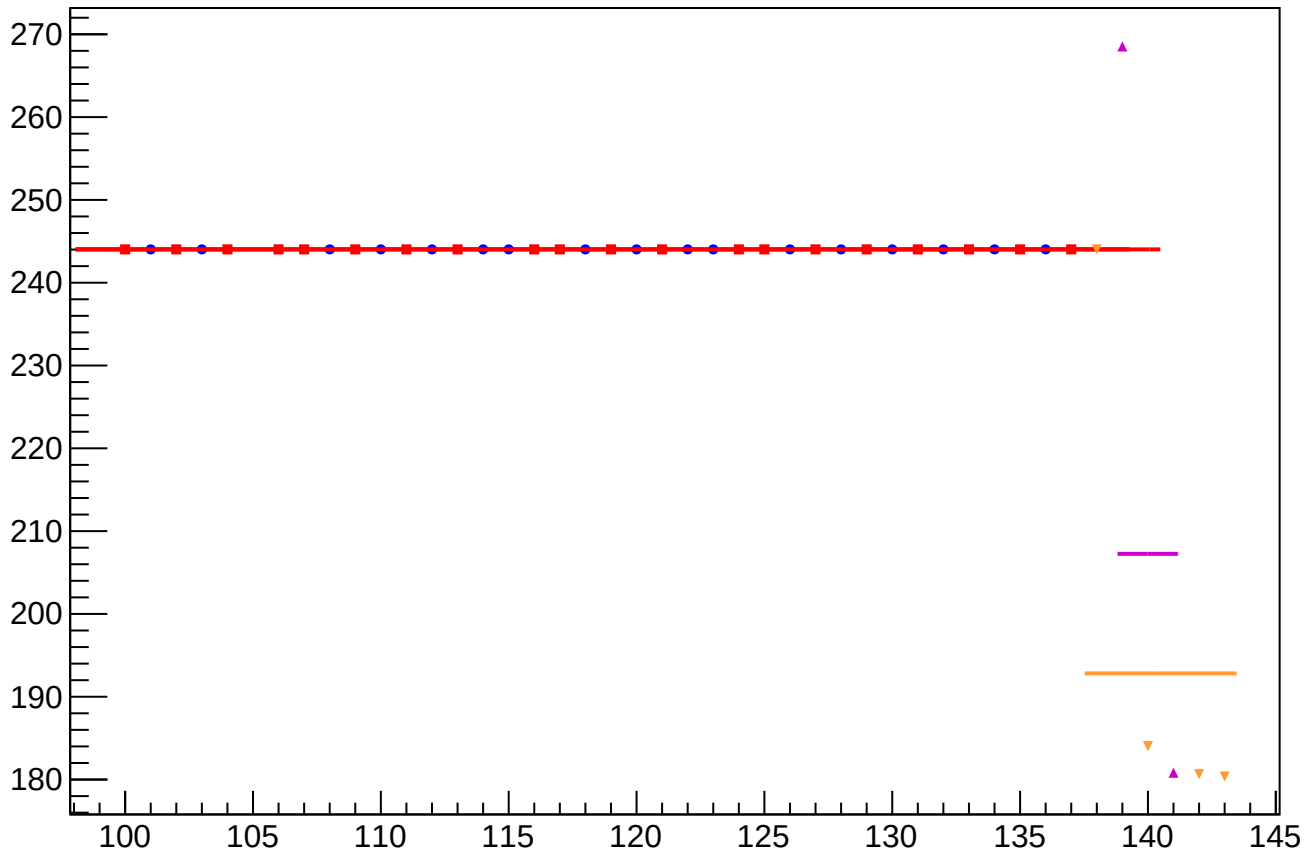
Right Out: -38.700 $\pm$ 64.489 χ^2 /NDF: 0.0/19

Left In: -135.55 $\pm$ 165.356 χ^2 /NDF:1.4/1

-81.670 $\pm$ 60.525 χ^2 /NDF: 12.8/20

-51.434 $\pm$ 60.081 χ^2 /NDF: 1.7/21

asym_sam_1357_2468_dd_rms vs Slug



Right In: 244.026 $\pm$ 0.049 χ^2 /NDF: 0.0/16

Left Out: 192.818 $\pm$ 0.085 χ^2 /NDF: 76801.0/3

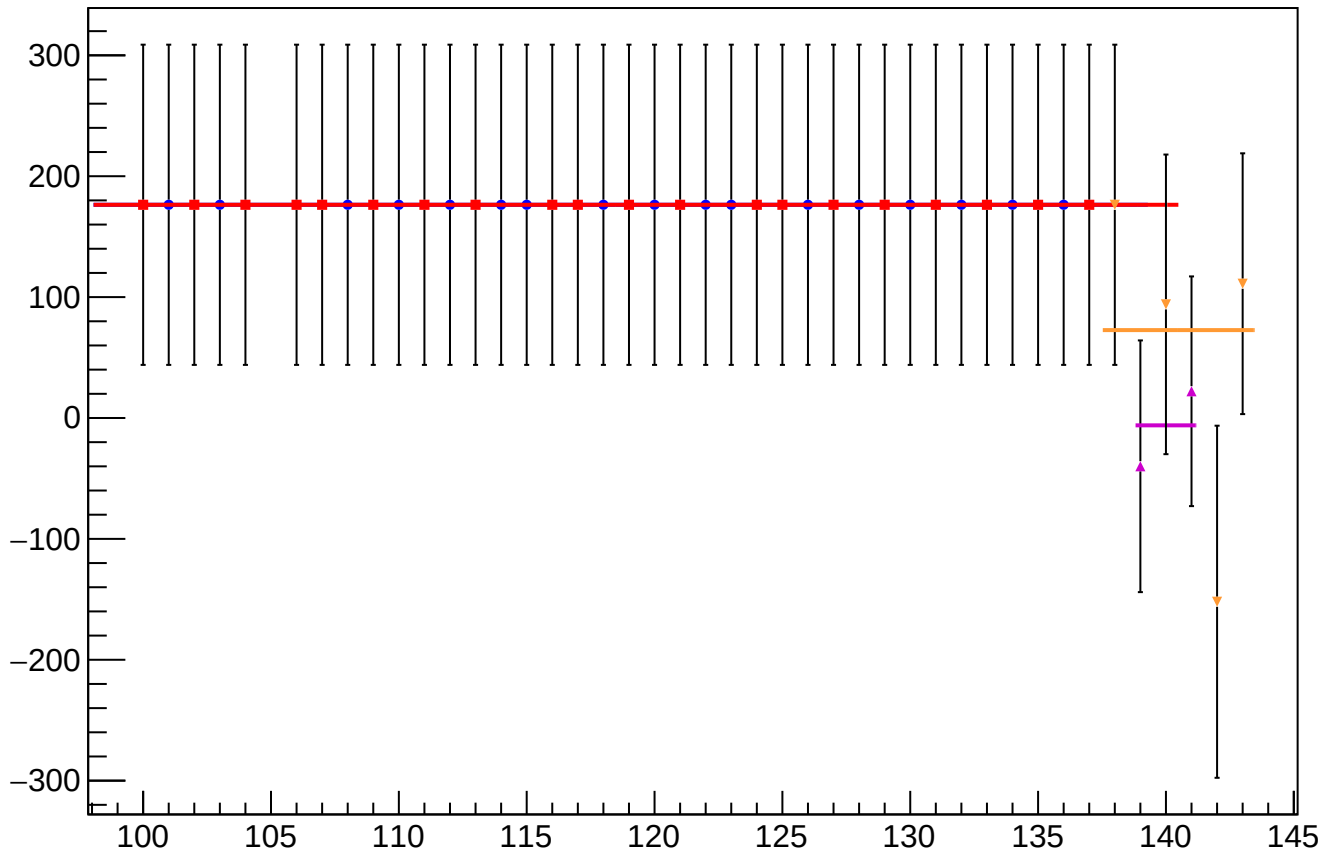
Right Out: 244.026 $\pm$ 0.046 χ^2 /NDF: 0.0/19

Left In: 207.255 $\pm$ 0.117 χ^2 /NDF: 118457.0/1

231.158 $\pm$ 0.043 χ^2 /NDF: 346156.4/20

239.172 $\pm$ 0.042 χ^2 /NDF: 204302.6/21

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 176.371 $\pm$ 32.123 χ^2 /NDF: 0.0/16

Left Out: 72.701 $\pm$ 62.595 χ^2 /NDF:3.1/3

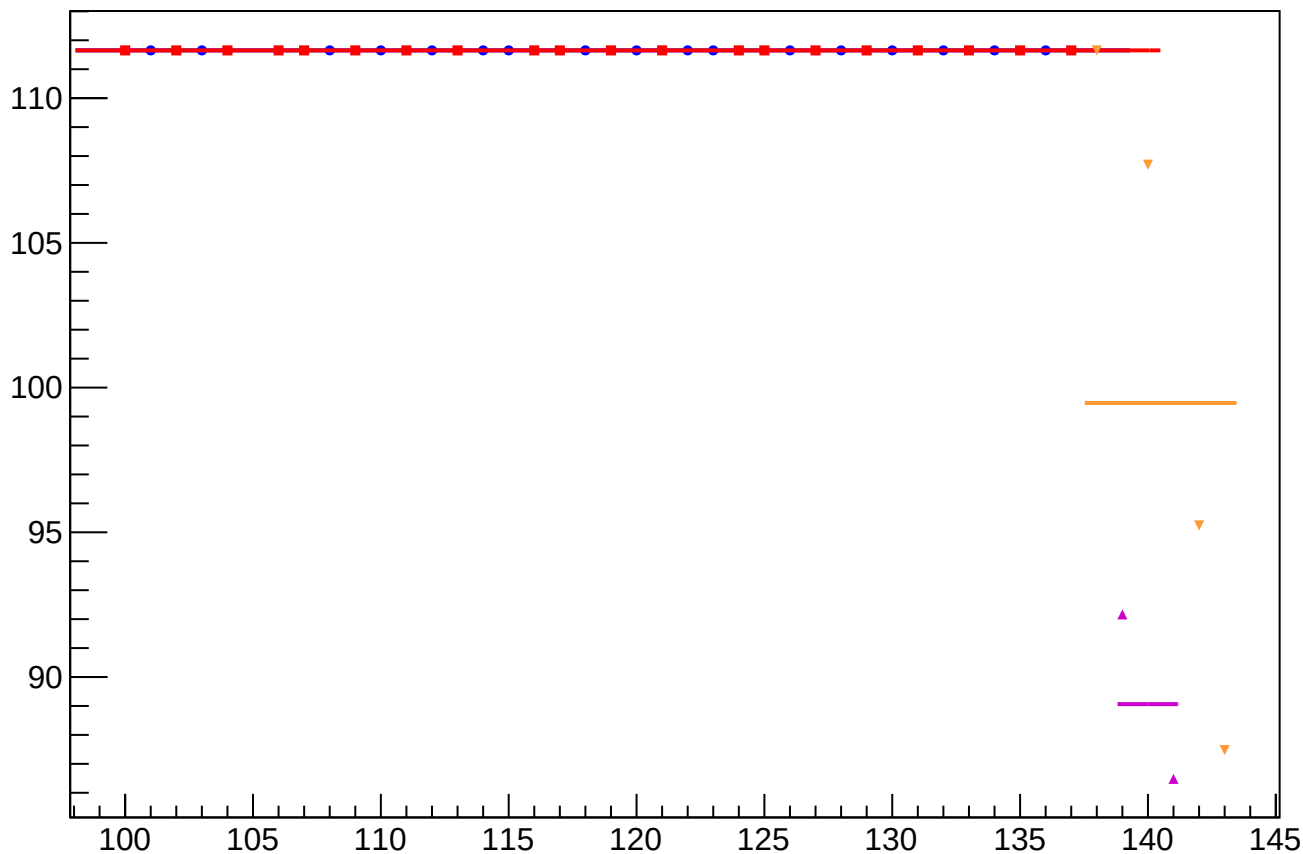
Right Out: 176.371 $\pm$ 29.616 χ^2 /NDF: 0.0/19

Left In: -6.085 $\pm$ 70.177 χ^2 /NDF:0.2/1

154.760 $\pm$ 28.579 χ^2 /NDF: 5.3/20

148.788 $\pm$ 27.285 χ^2 /NDF: 5.9/21

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 111.651 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 99.469 $\pm$ 0.044 χ^2 /NDF:52169.1/3

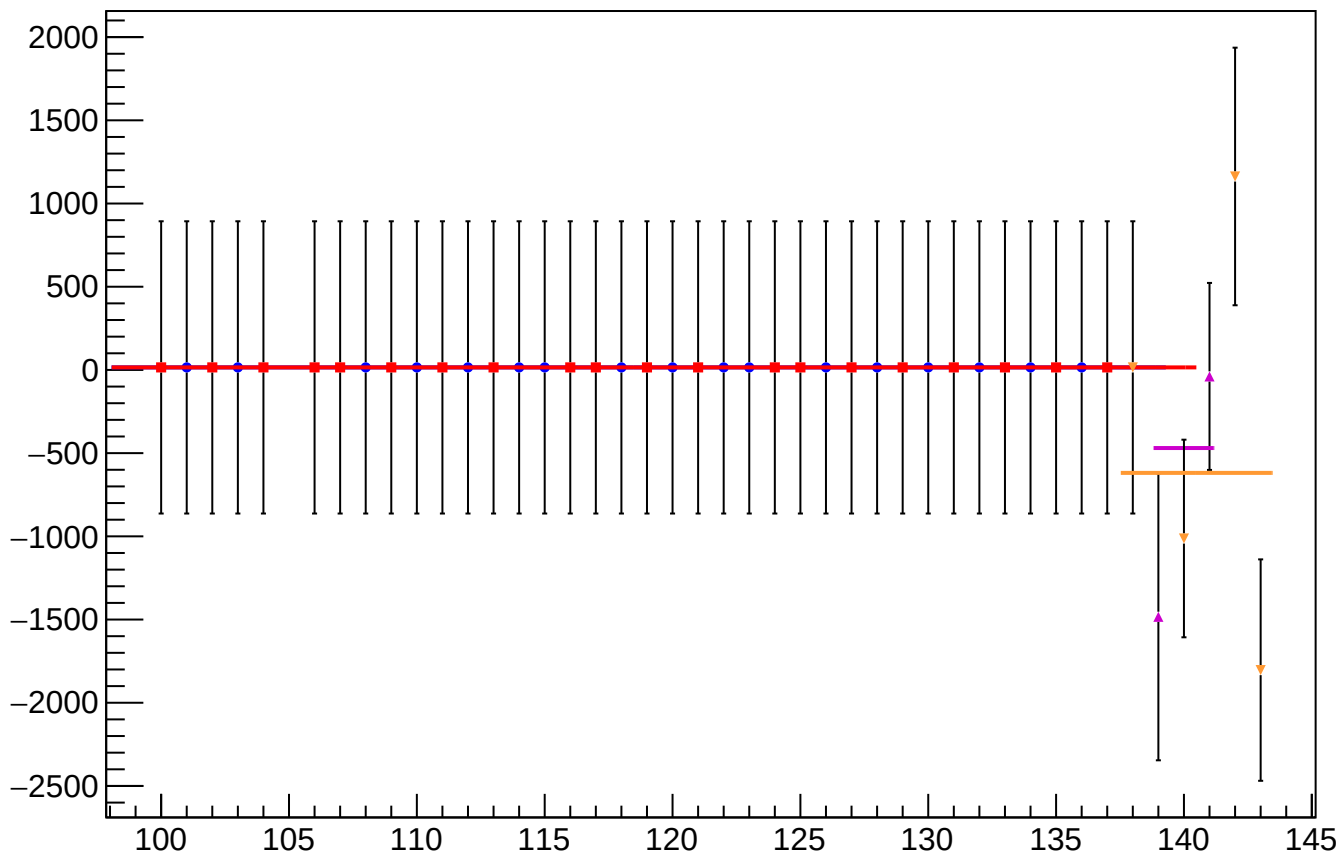
Right Out: 111.651 $\pm$ 0.021 χ^2 /NDF: 0.0/19

Left In: 89.063 $\pm$ 0.050 χ^2 /NDF:3250.6/1

109.111 $\pm$ 0.020 χ^2 /NDF: 112130.9/20

108.236 $\pm$ 0.019 χ^2 /NDF: 179122.2/21

asym_sam_12345678_avg_correction_mean vs Slug



Right In: 15.211+/-212.973 χ^2/NDF : 0.0/16

Left Out: -618.697+/-352.186 χ^2/NDF : 9.4/3

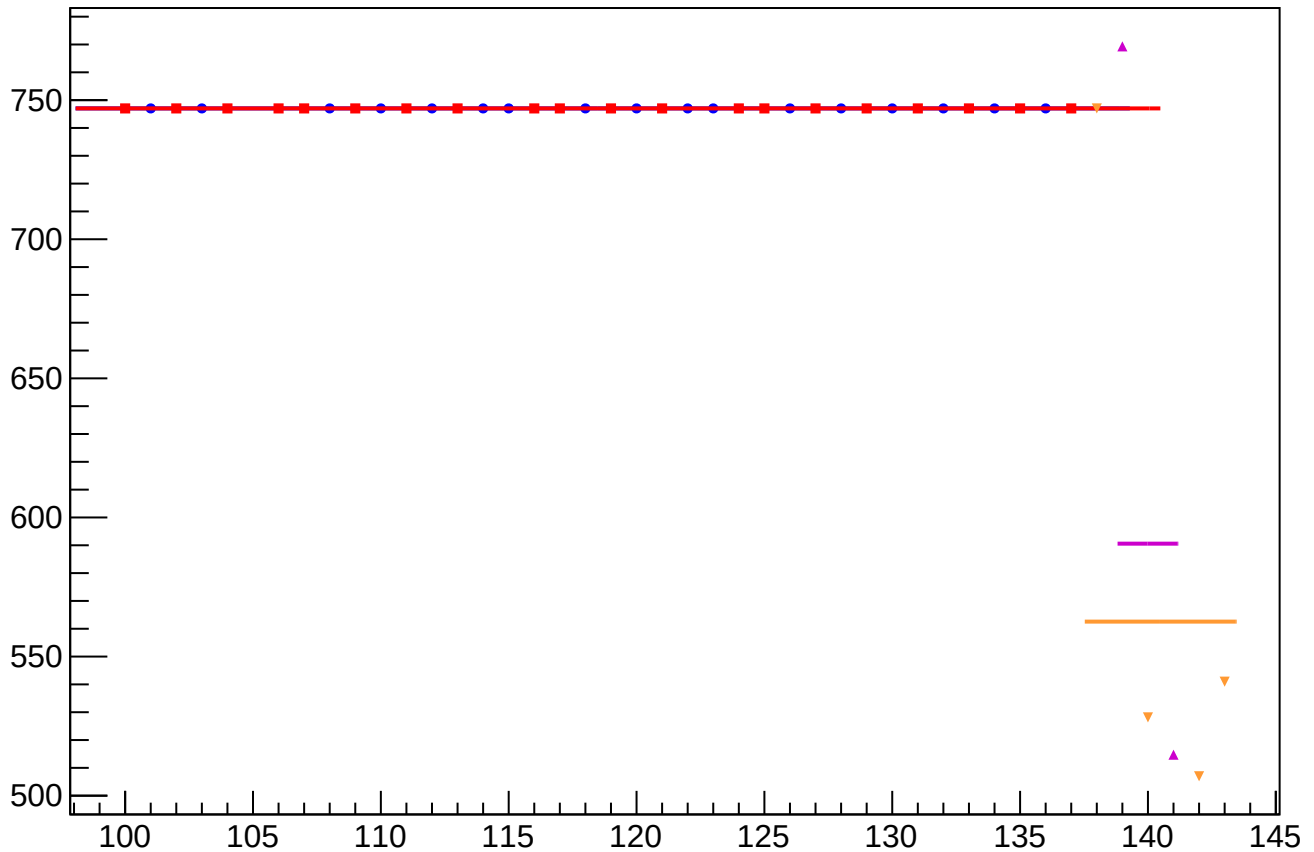
Right Out: 15.211+/-196.352 χ^2/NDF : 0.0/19

Left In: -469.359+/-470.797 χ^2/NDF : 2.0/1

-154.528+/-182.243 χ^2/NDF : 11.8/20

-56.587+/-181.222 χ^2/NDF : 2.9/21

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 747.026+/-0.151 χ^2/NDF : 0.0/16

Left Out: 562.566+/-0.249 χ^2/NDF :107400.9/3

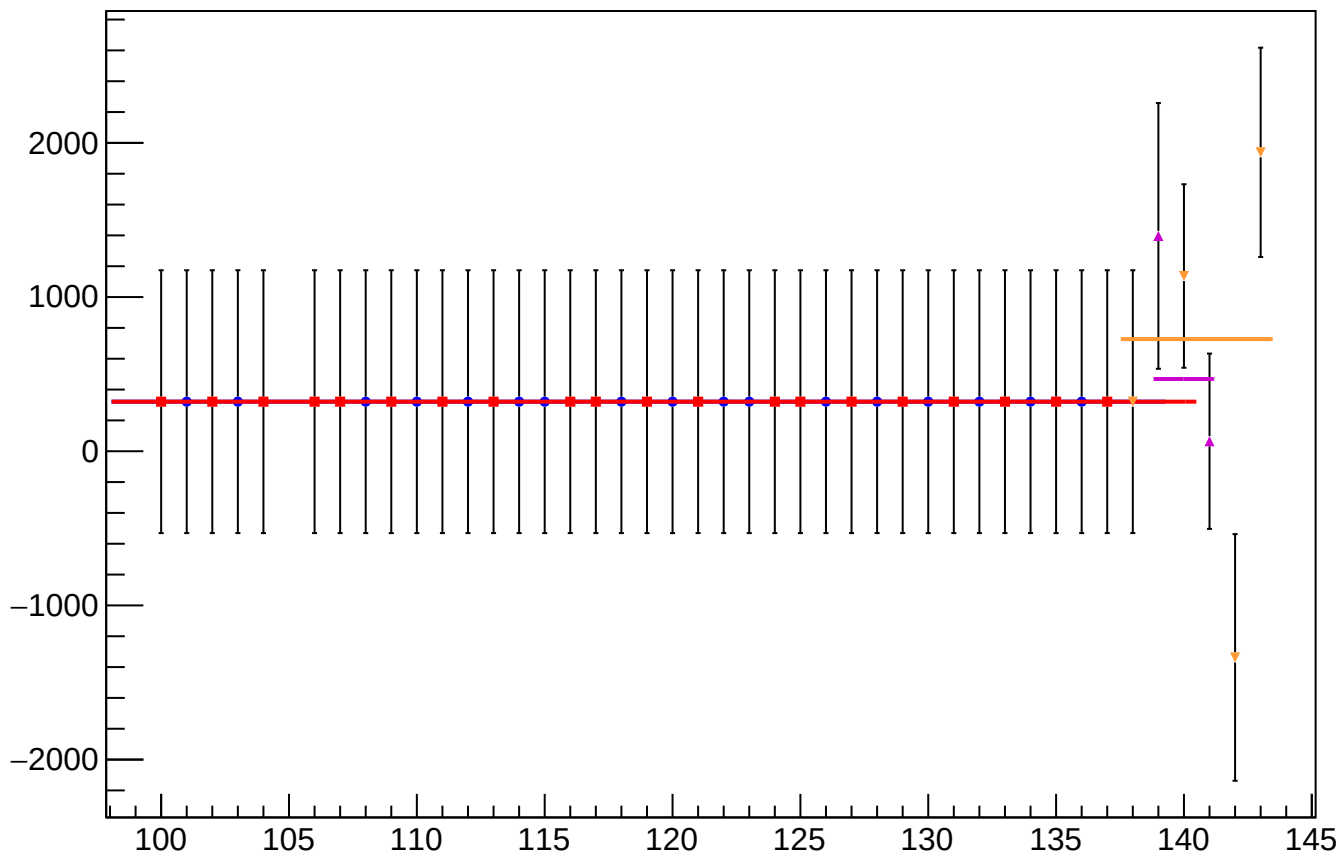
Right Out: 747.026+/-0.139 χ^2/NDF : 0.0/19

Left In: 590.584+/-0.333 χ^2/NDF :122340.9/1

697.634+/-0.129 χ^2/NDF : 509137.1/20

723.846+/-0.128 χ^2/NDF : 310456.0/21

asym_sam_12345678_avg_mean vs Slug



Right In: 321.504 $\pm$ 206.752 χ^2 /NDF: 0.0/16

Left Out: 727.469 $\pm$ 355.044 χ^2 /NDF:10.5/3

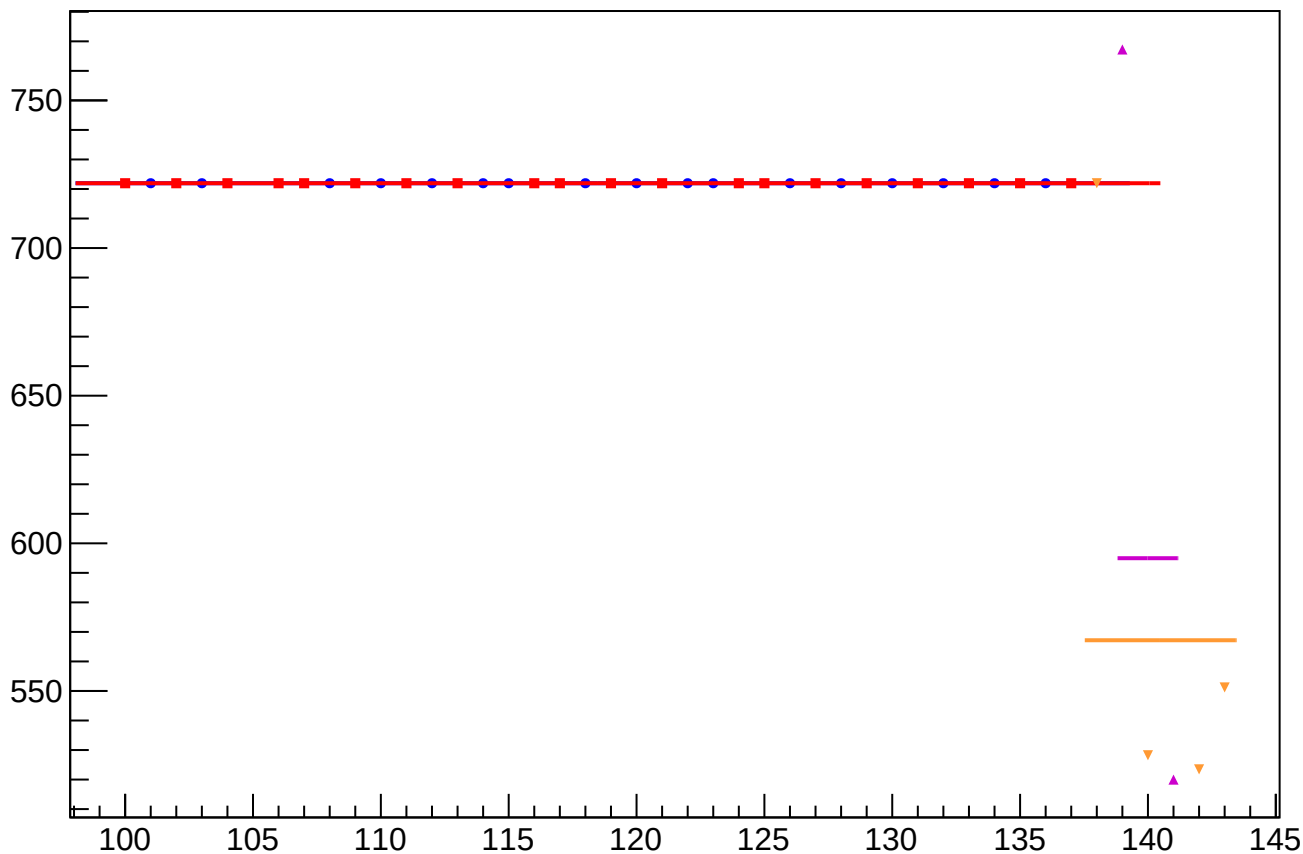
Right Out: 321.504 $\pm$ 190.616 χ^2 /NDF: 0.0/19

Left In: 468.671 $\pm$ 474.545 χ^2 /NDF:1.7/1

424.307 $\pm$ 178.666 χ^2 /NDF: 11.5/20

341.950 $\pm$ 176.879 χ^2 /NDF: 1.7/21

asym_sam_12345678_avg_rms vs Slug



Right In: 721.950+/-0.146 χ^2/NDF : 0.0/16

Left Out: 567.178+/-0.251 χ^2/NDF : 81576.5/3

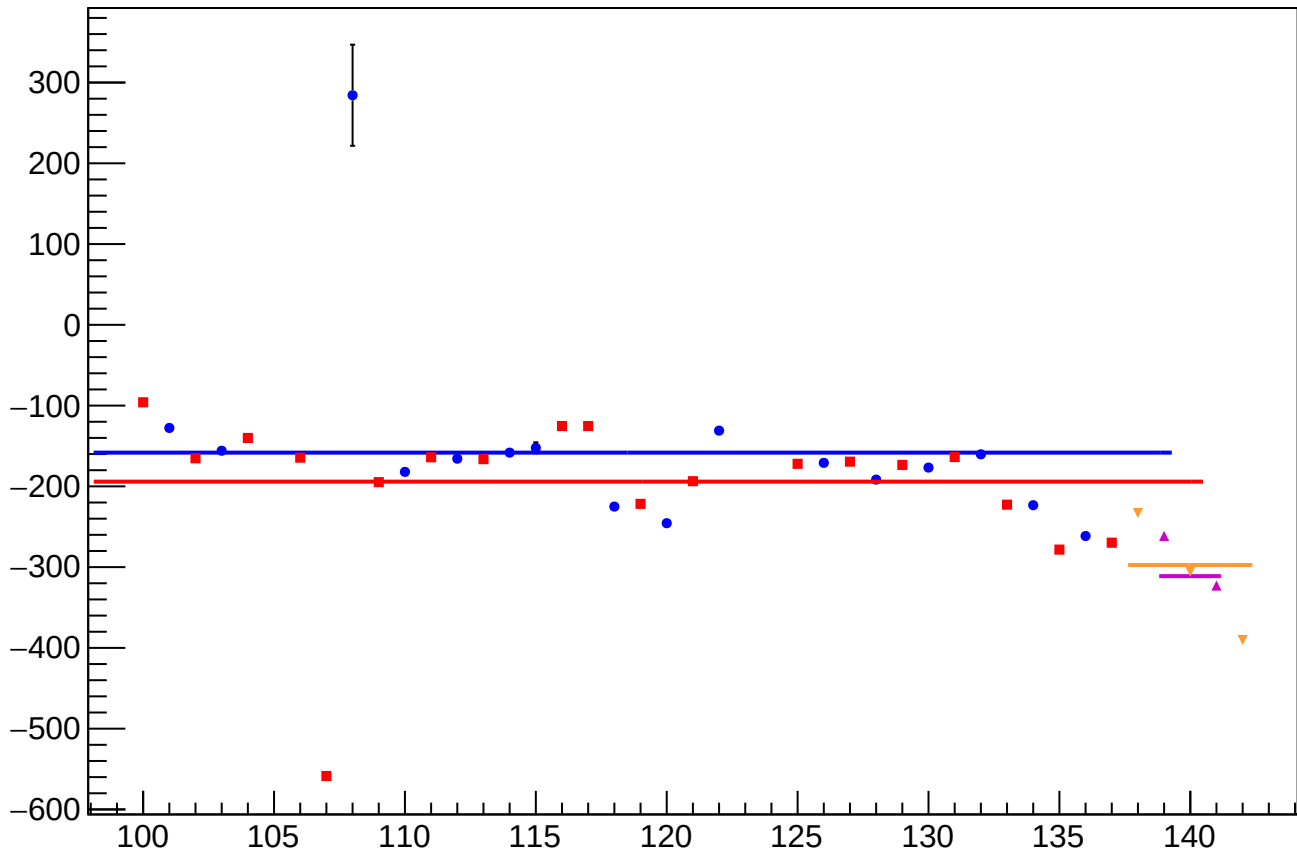
Right Out: 721.950+/-0.135 χ^2/NDF : 0.0/19

Left In: 594.963+/-0.336 χ^2/NDF : 114727.4/1

682.757+/-0.126 χ^2/NDF : 365389.1/20

704.307+/-0.125 χ^2/NDF : 238046.3/21

dit_usl_4aX_slope vs Slug



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -297.411+/-0.455 χ^2/NDF :12346.8/2

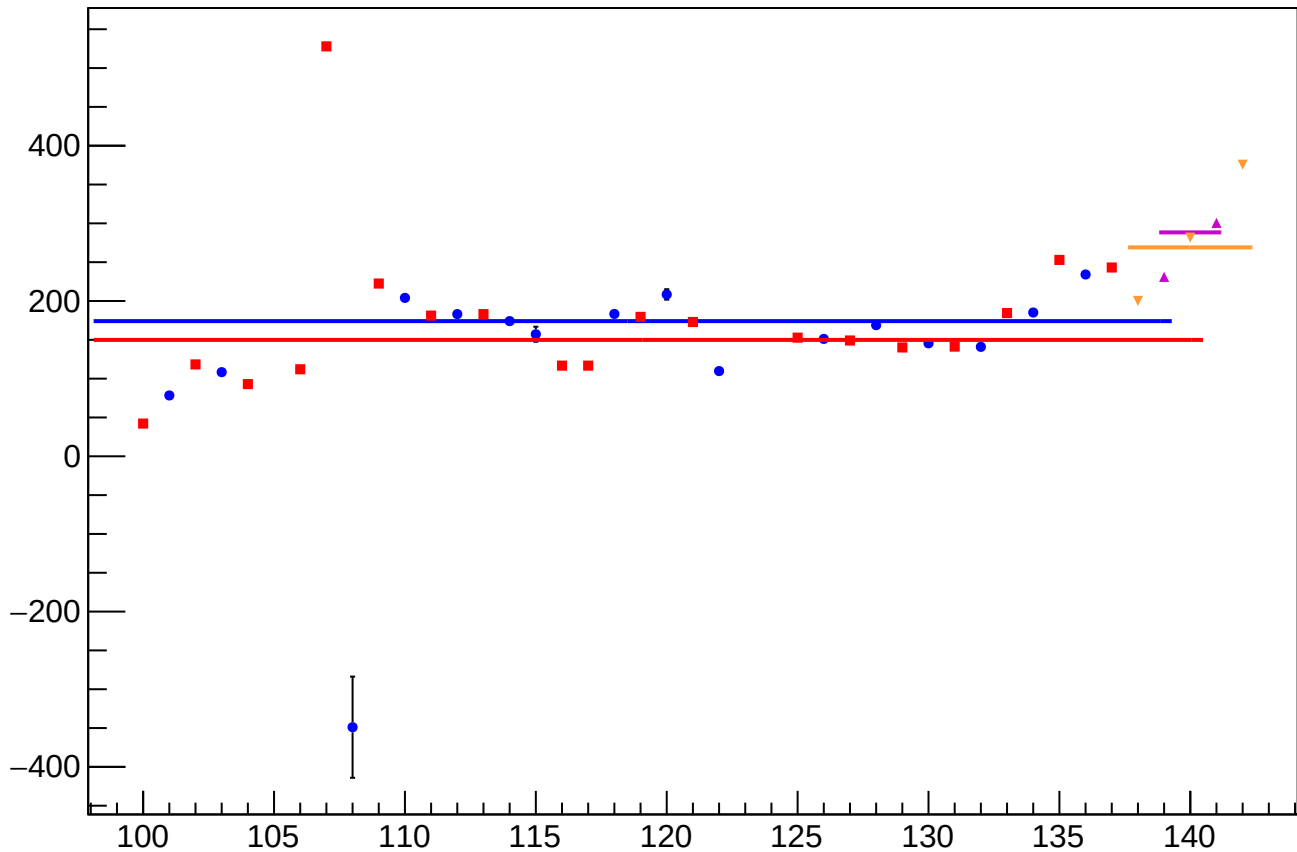
Right Out: -194.144+/-0.165 χ^2/NDF : 176874.6/18

Left In: -311.157+/-0.404 χ^2/NDF :3559.9/1

-158.222+/-0.000 χ^2/NDF : 223030.9/18

-210.859+/-0.153 χ^2/NDF : 252281.8/20

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 269.061+/-0.486 χ^2/NDF : 14015.6/2

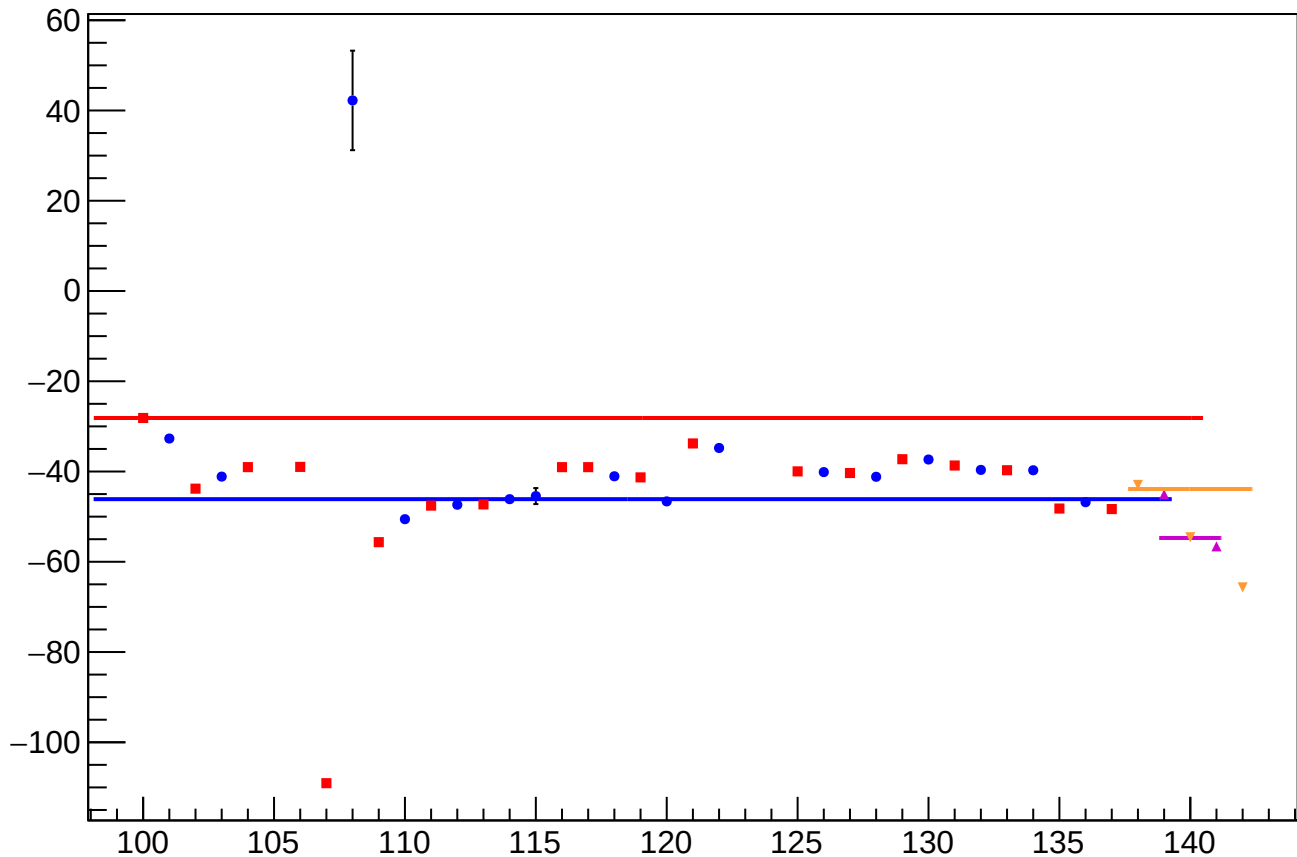
Right Out: 149.900+/-0.195 χ^2/NDF : 167887.8/18

Left In: 288.356+/-0.425 χ^2/NDF : 3873.5/1

174.085+/-0.000 χ^2/NDF : 105645.2/18

174.014+/-0.178 χ^2/NDF : 259206.1/20

dit_usl_11X12X_slope vs Slug



Right In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Left Out: -43.878+/-0.018 χ^2/NDF : 41586.3/2

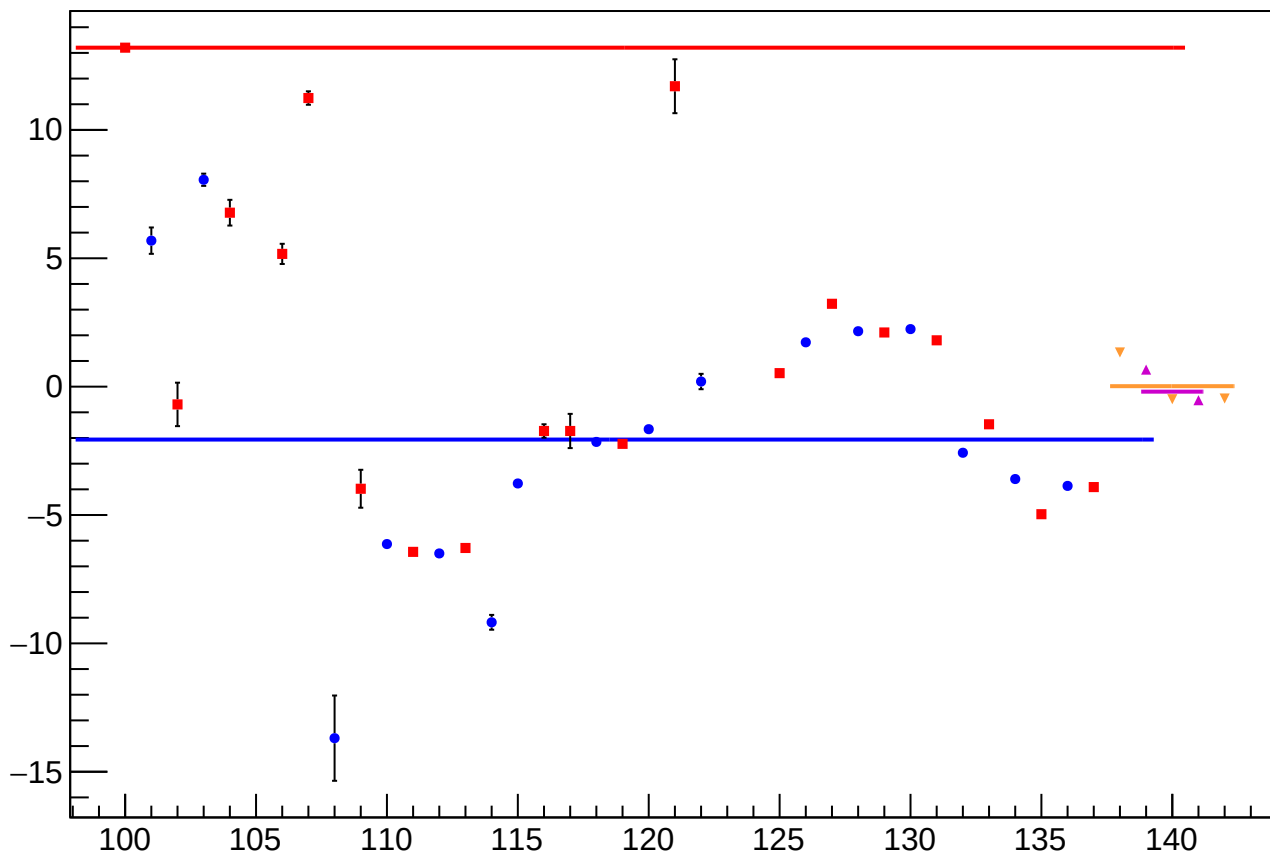
Right Out: -28.139+/-0.000 χ^2/NDF : 747096.2/18

Left In: -54.726+/-0.045 χ^2/NDF : 8864.8/1

-46.126+/-0.000 χ^2/NDF : 258303.6/18

-28.139+/-0.000 χ^2/NDF : 1105034.4/20

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: 0.018 ± 0.026 $\chi^2/\text{NDF}: 980.8/2$

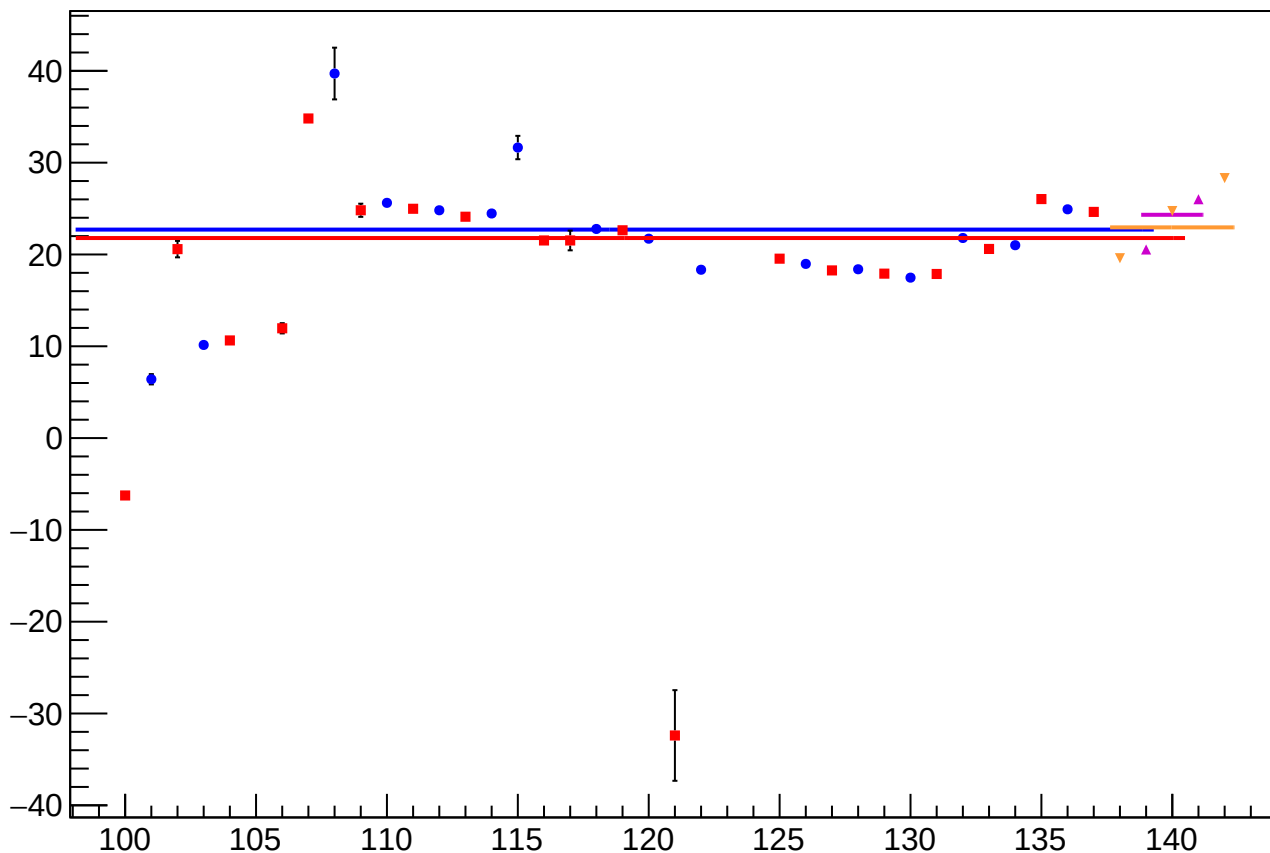
Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 510223.0/18$

Left In: -0.195 ± 0.024 $\chi^2/\text{NDF}: 514.1/1$

-1.394 ± 0.015 $\chi^2/\text{NDF}: 31009.1/18$

13.204 ± 0.000 $\chi^2/\text{NDF}: 833130.0/20$

dit_usl_4eY_slope vs Slug



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 22.951 ± 0.046 χ^2/NDF : 4290.1/2

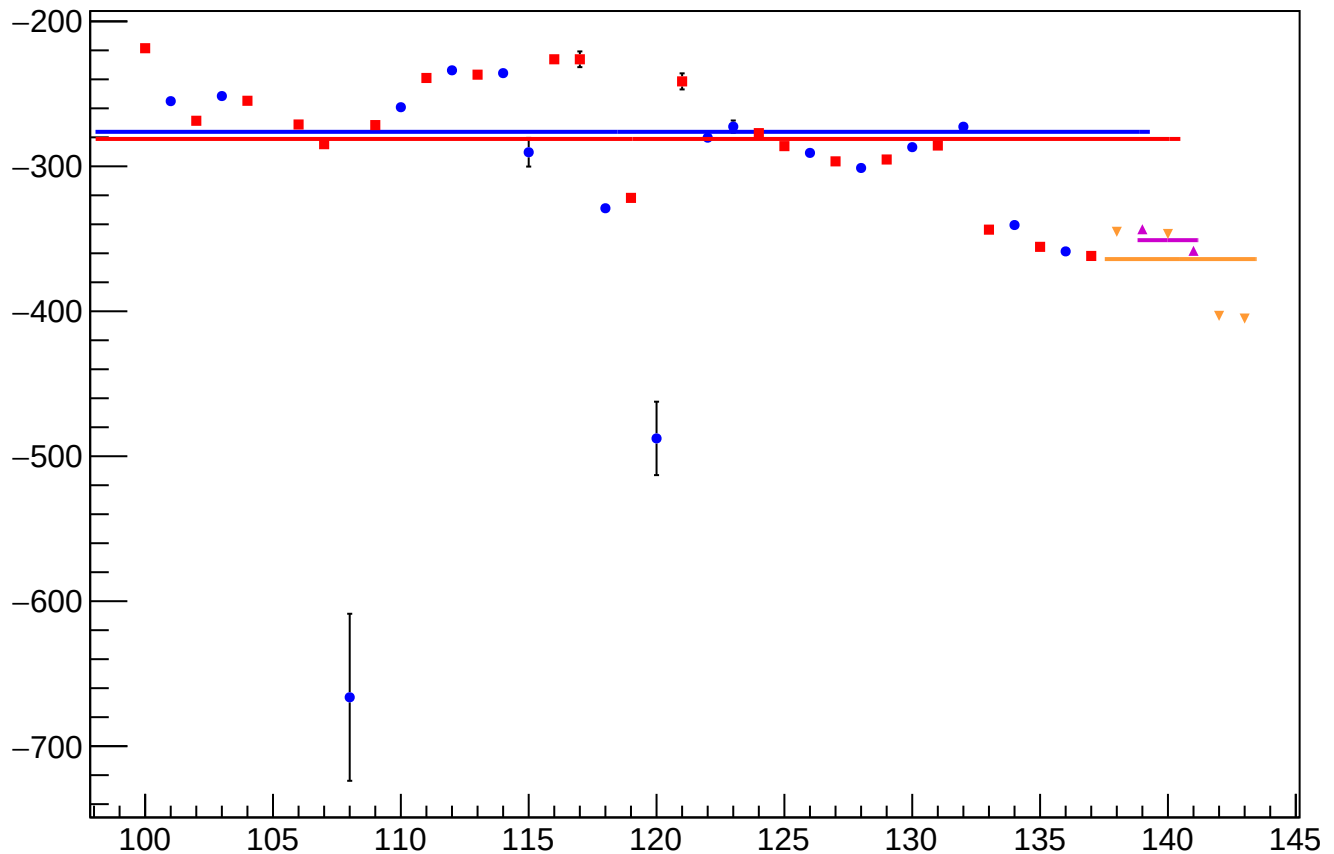
Right Out: 21.790 ± 0.022 χ^2/NDF : 26671.0/18

Left In: 24.323 ± 0.042 χ^2/NDF : 3675.4/1

22.745 ± 0.017 χ^2/NDF : 27081.3/18

22.321 ± 0.019 χ^2/NDF : 33252.3/20

dit_usr_4aX_slope vs Slug



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -363.986 $\pm$ 0.298 χ^2 /NDF: 8196.5/3

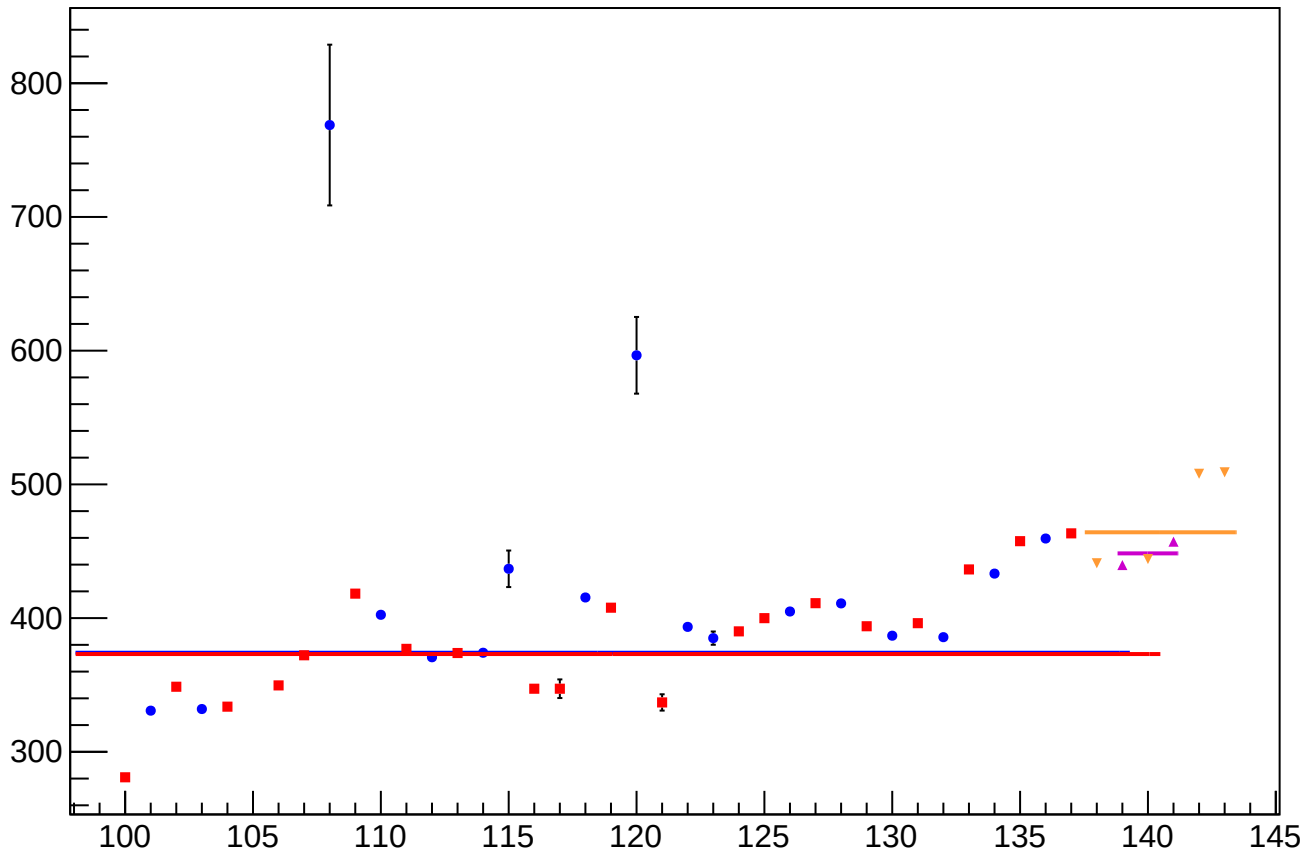
Right Out: -281.109 $\pm$ 0.147 χ^2 /NDF: 77714.4/19

Left In: -350.935 $\pm$ 0.269 χ^2 /NDF: 768.2/1

-297.067 $\pm$ 0.145 χ^2 /NDF: 132325.0/20

-297.278 $\pm$ 0.129 χ^2 /NDF: 130375.2/21

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 464.177+/-0.319 χ^2/NDF : 9468.7/3

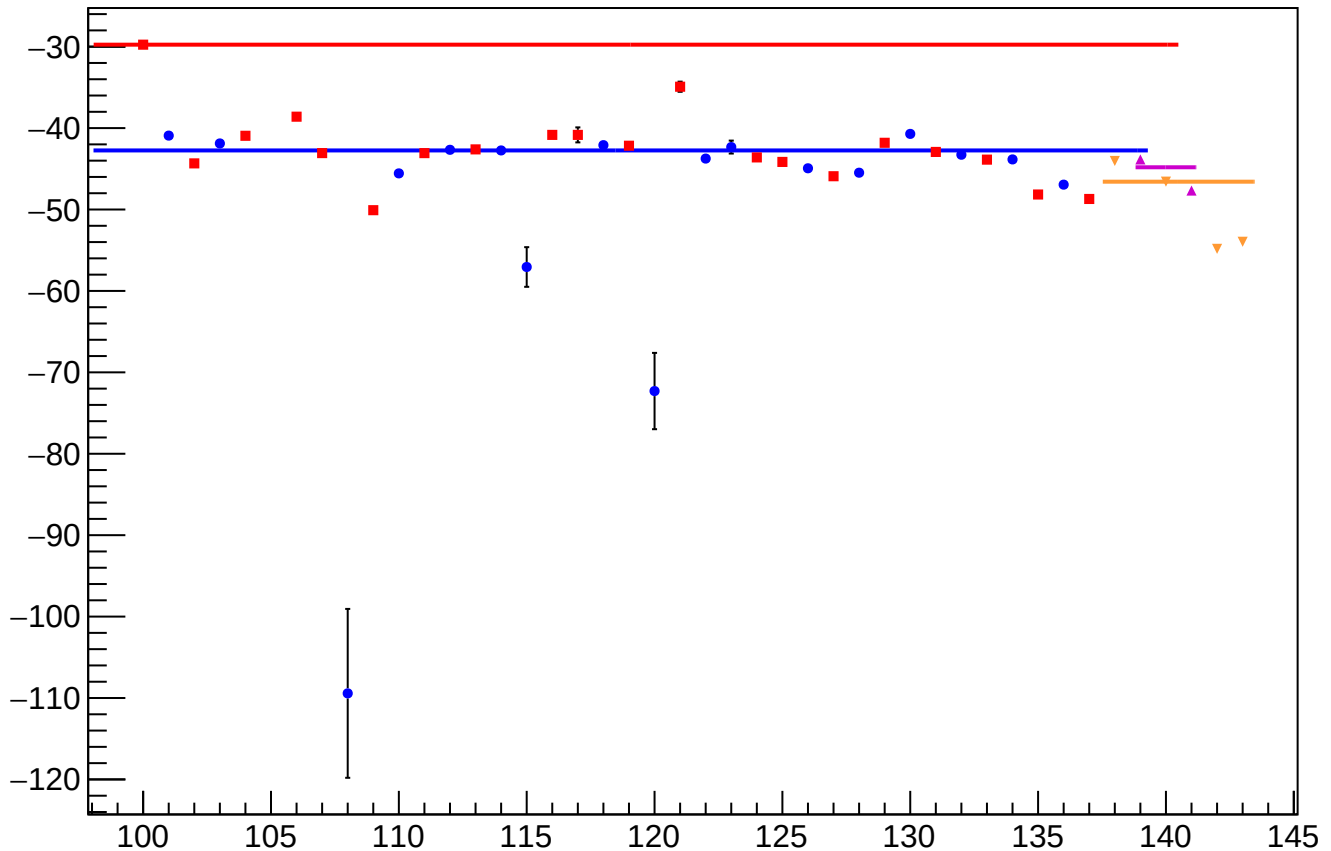
Right Out: 373.121+/-0.158 χ^2/NDF : 108233.2/19

Left In: 448.404+/-0.279 χ^2/NDF : 979.5/1

374.094+/-0.000 χ^2/NDF : 124085.7/20

391.366+/-0.137 χ^2/NDF : 164300.1/21

dit_usr_11X12X_slope vs Slug



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -46.582+/-0.020 χ^2/NDF : 40324.4/3

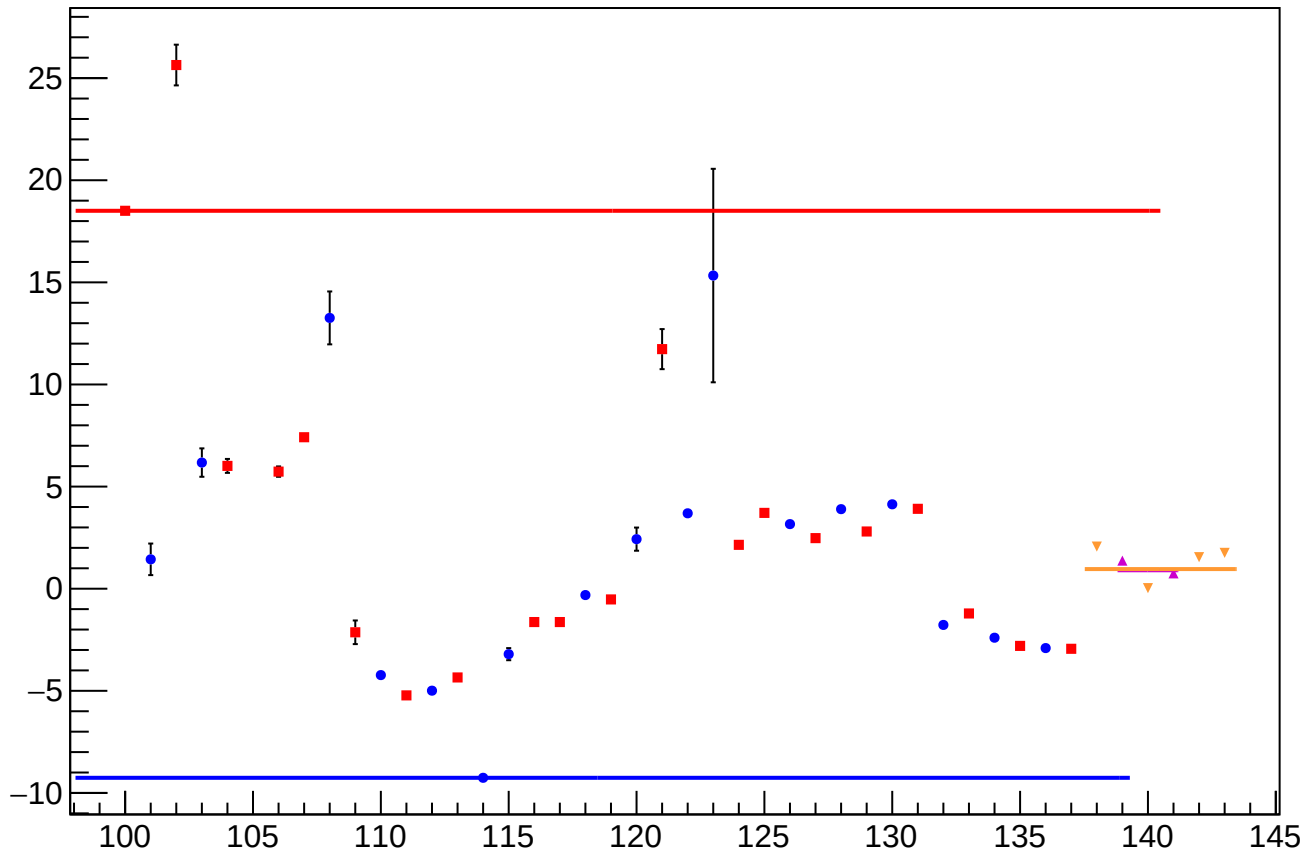
Right Out: -29.754+/-0.000 χ^2/NDF : 484074.9/19

Left In: -44.813+/-0.022 χ^2/NDF : 5614.3/1

-42.744+/-0.000 χ^2/NDF : 89255.0/20

-29.754+/-0.000 χ^2/NDF : 951542.2/21

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 405850.5/16$

Left Out: 0.961 ± 0.018 $\chi^2/\text{NDF}: 2651.8/3$

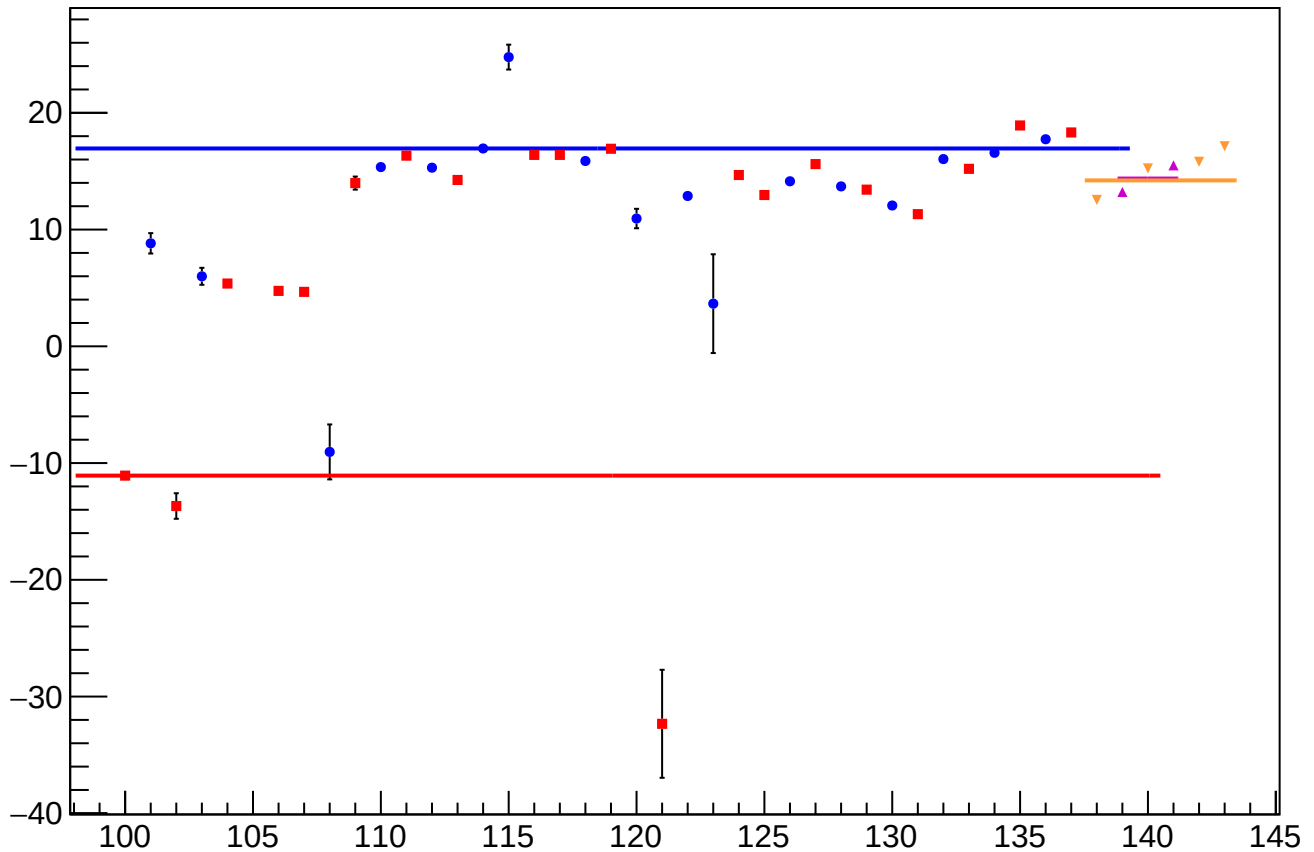
Right Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 7585770.7/19$

Left In: 0.903 ± 0.021 $\chi^2/\text{NDF}: 157.1/1$

-9.259 ± 0.000 $\chi^2/\text{NDF}: 720965.4/20$

18.504 ± 0.000 $\chi^2/\text{NDF}: 8264606.9/21$

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 14.212 $\pm$ 0.020 χ^2 /NDF: 7188.0/3

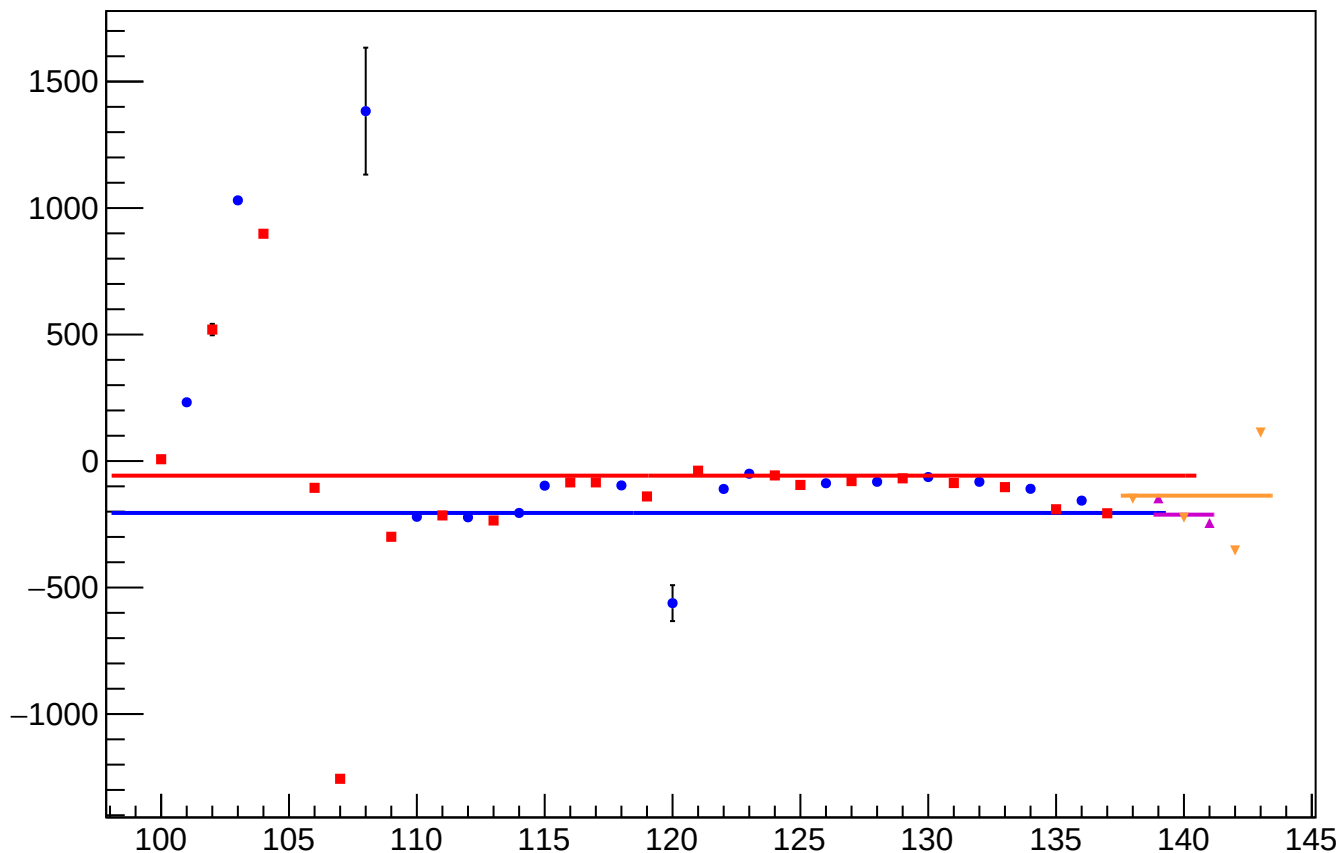
Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2859461.1/19

Left In: 14.370 $\pm$ 0.030 χ^2 /NDF: 1394.8/1

16.947 $\pm$ 0.000 χ^2 /NDF: 36806.8/20

-11.075 $\pm$ 0.000 χ^2 /NDF: 3557180.2/21

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -136.767 ± 0.555 χ^2/NDF : 37626.6/3

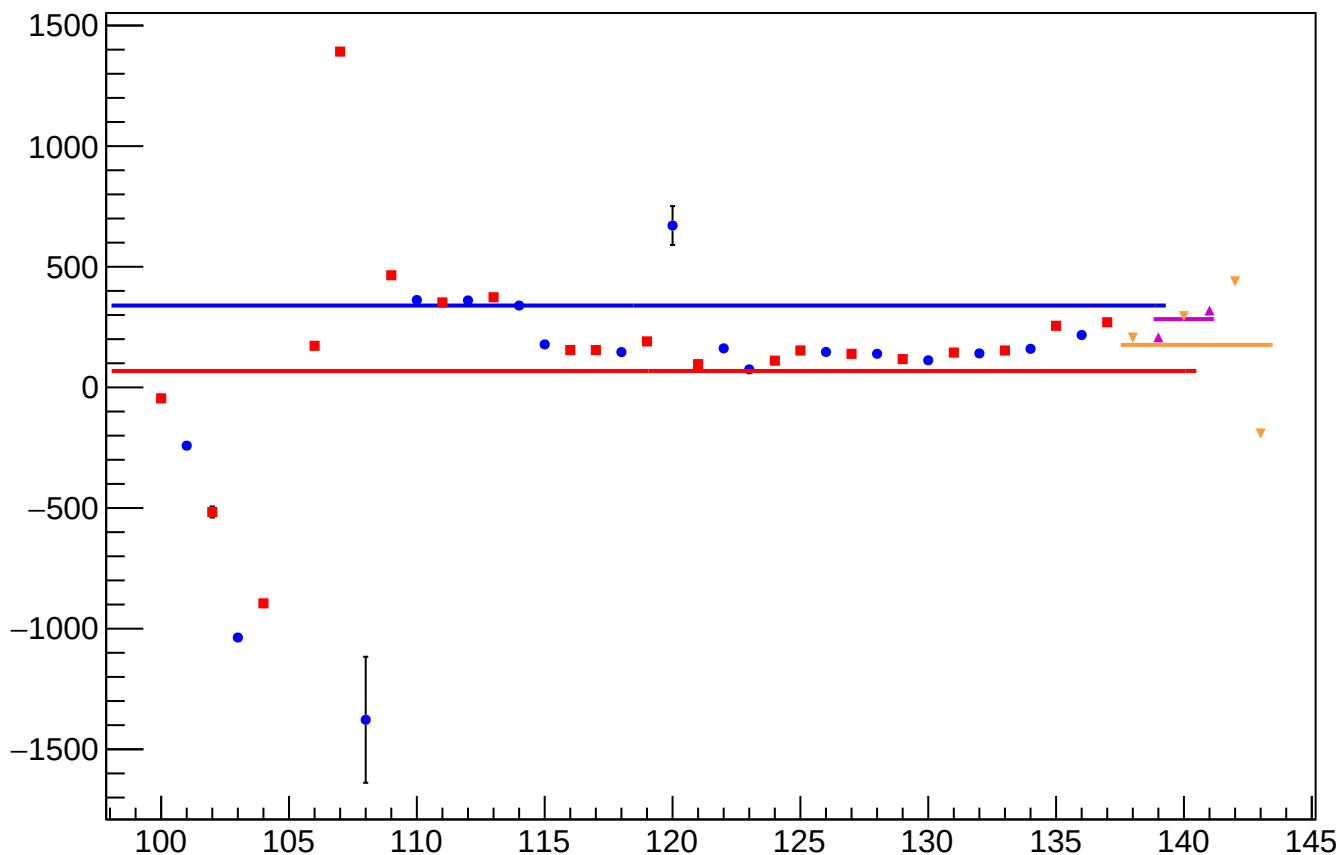
Right Out: -57.737 ± 0.283 χ^2/NDF : 114872.3/19

Left In: -211.934 ± 0.904 χ^2/NDF : 2589.9/1

-205.160 ± 0.000 χ^2/NDF : 635577.7/20

-71.512 ± 0.270 χ^2/NDF : 143972.2/21

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 176.347+/-0.570 χ^2/NDF : 73227.7/3

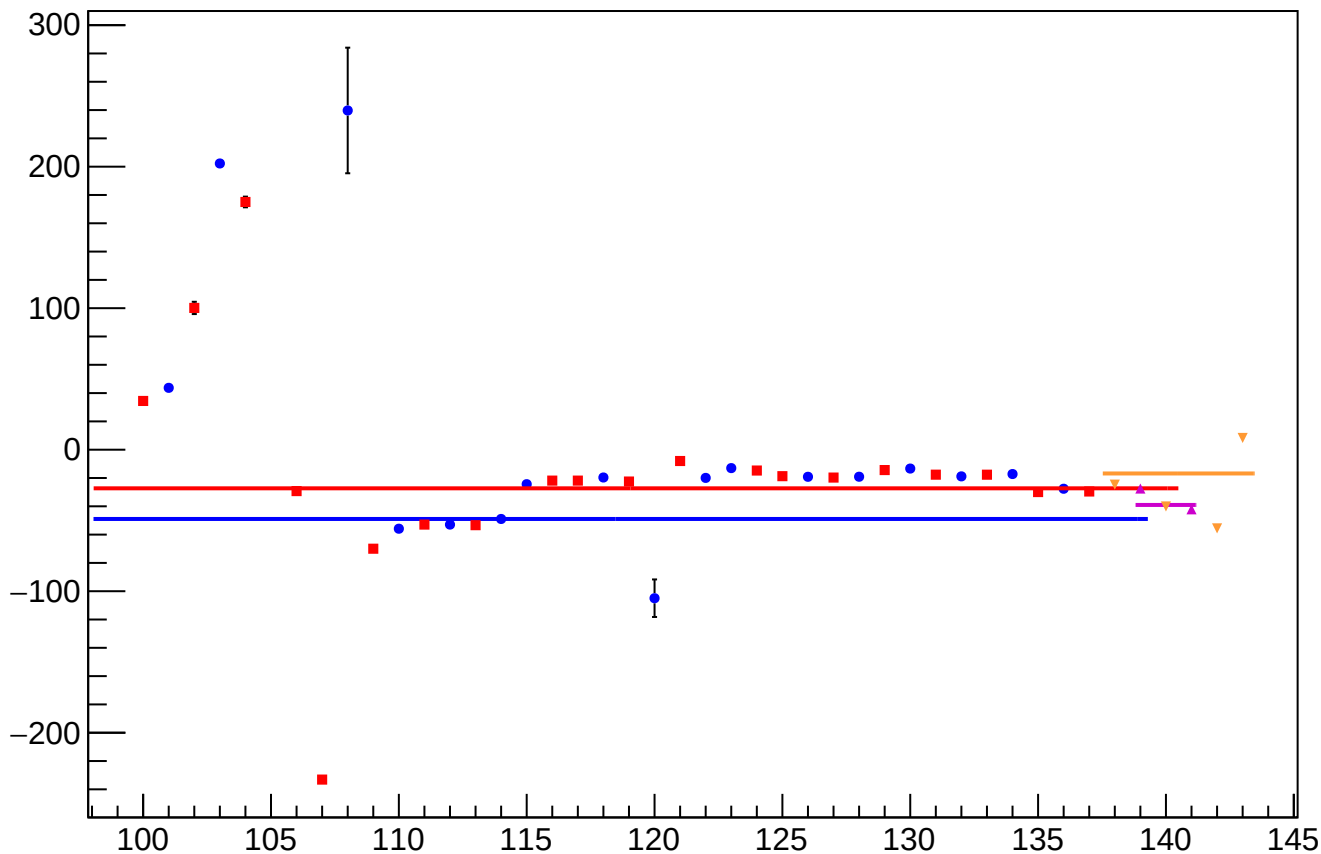
Right Out: 68.121+/-0.286 χ^2/NDF : 272433.9/19

Left In: 283.200+/-0.946 χ^2/NDF : 3009.3/1

339.325+/-0.000 χ^2/NDF : 1185625.1/20

86.124+/-0.274 χ^2/NDF : 322807.7/21

dit_atl1_11X12X_slope vs Slug



Right In: -48.945+/-0.000 χ^2/NDF : 5408370.4/16

Left Out: -16.798+/-0.021 χ^2/NDF : 523378.7/3

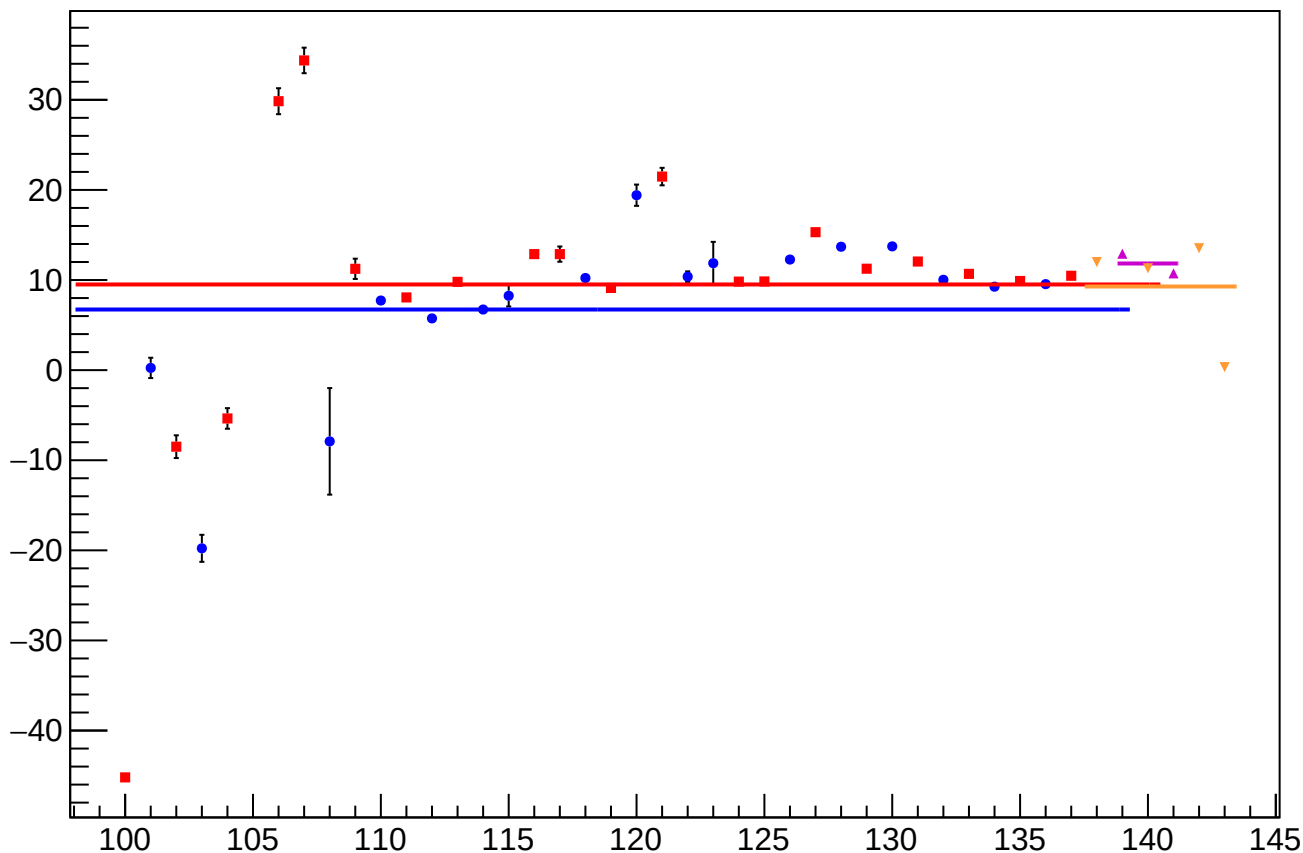
Right Out: -27.292+/-0.052 χ^2/NDF : 167901.6/19

Left In: -39.039+/-0.066 χ^2/NDF : 8160.0/1

-48.945+/-0.000 χ^2/NDF : 8260706.1/20

-31.735+/-0.041 χ^2/NDF : 195626.8/21

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 9.282 ± 0.037 χ^2/NDF : 19978.9/3

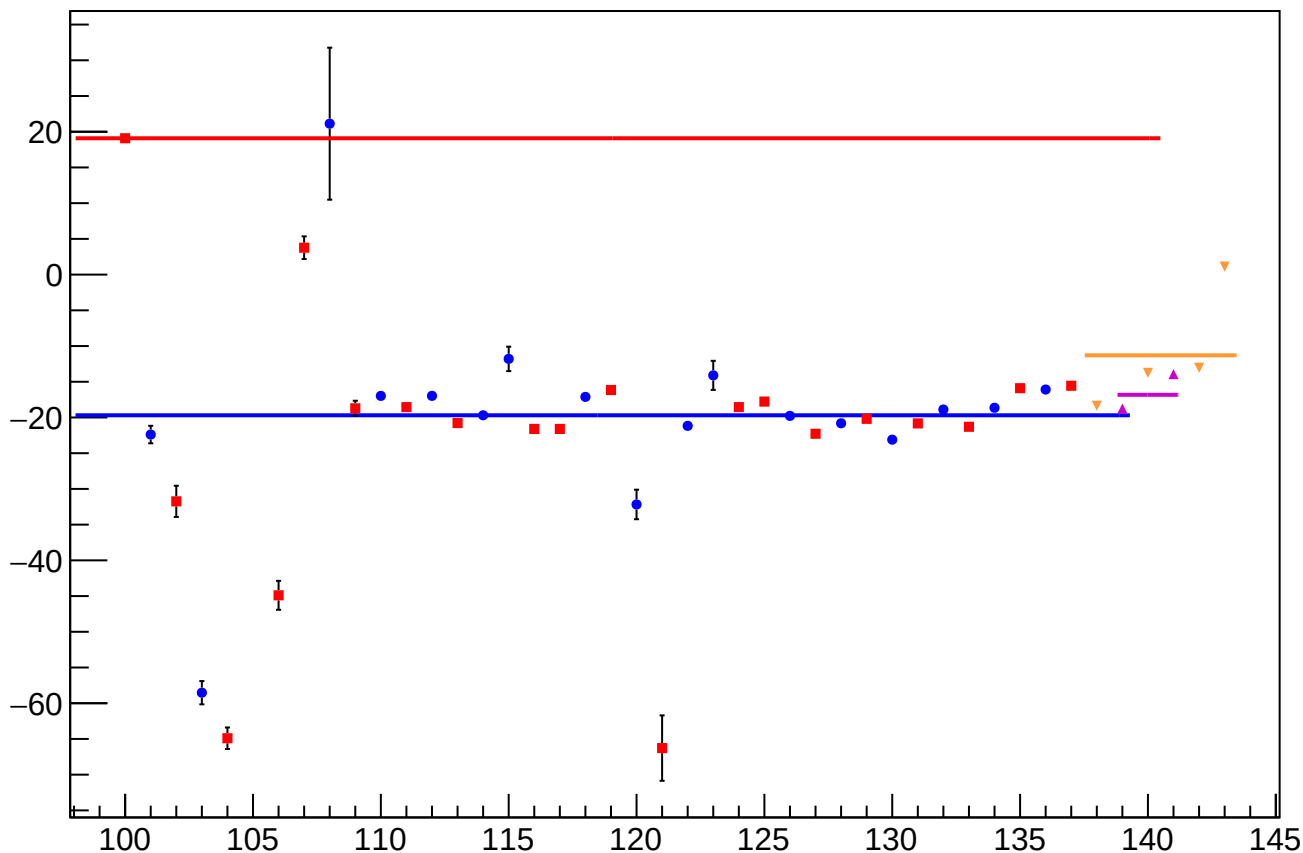
Right Out: 9.508 ± 0.036 χ^2/NDF : 26838.0/19

Left In: 11.836 ± 0.057 χ^2/NDF : 362.6/1

6.728 ± 0.000 χ^2/NDF : 38550.9/20

10.157 ± 0.030 χ^2/NDF : 28394.7/21

dit_atl1_4eY_slope vs Slug



Right In: -19.693+/-0.000 χ^2/NDF : 7579.0/16

Left Out: -11.294+/-0.051 χ^2/NDF : 16785.0/3

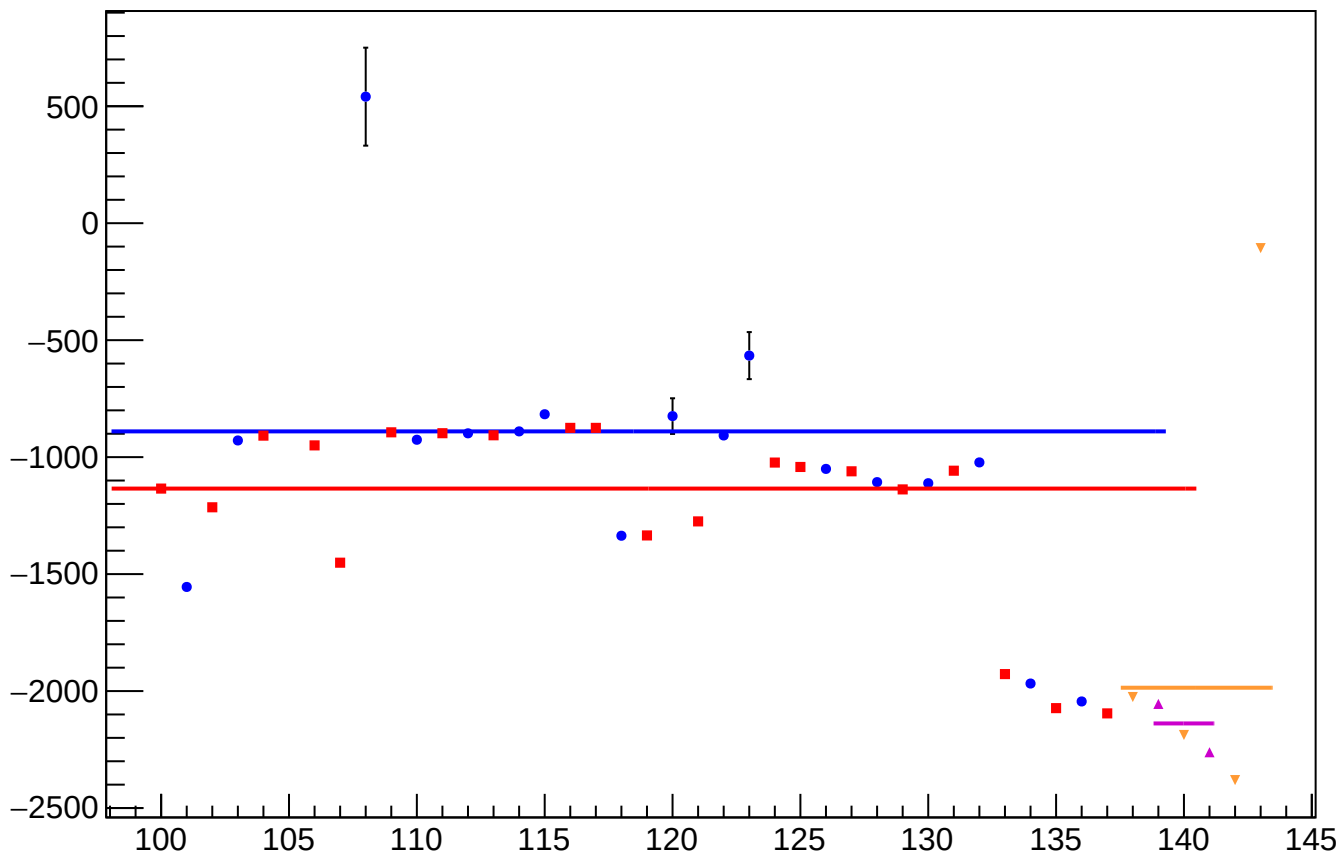
Right Out: 19.086+/-0.000 χ^2/NDF : 614503.5/19

Left In: -16.827+/-0.081 χ^2/NDF : 841.0/1

-19.693+/-0.000 χ^2/NDF : 51285.9/20

19.086+/-0.000 χ^2/NDF : 809936.4/21

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -1985.678+/-1.233 χ^2/NDF : 239758.7/3

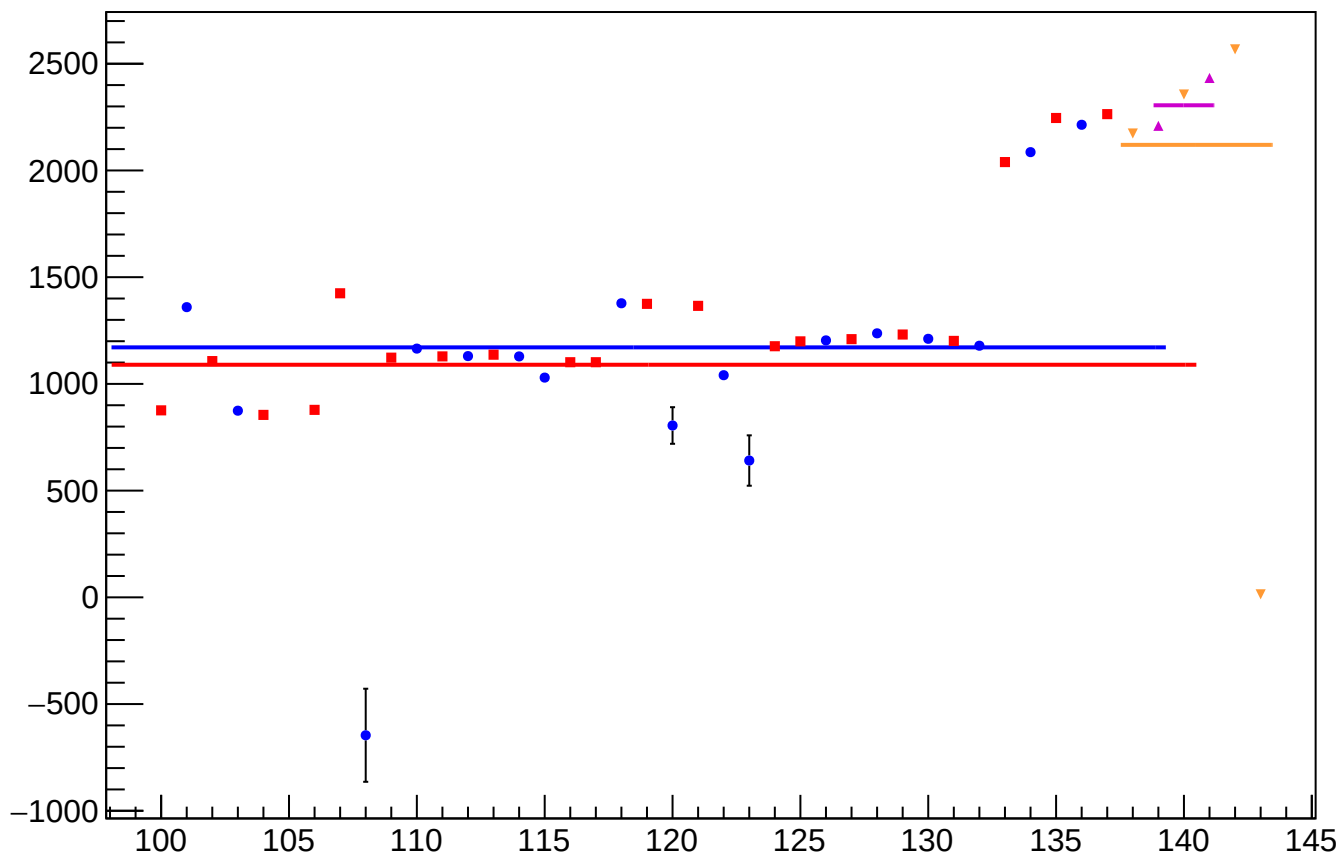
Right Out: -1134.421+/-0.000 χ^2/NDF : 735976.1/19

Left In: -2138.353+/-1.385 χ^2/NDF : 5357.3/1

-889.928+/-0.000 χ^2/NDF : 1806001.9/20

-1134.421+/-0.000 χ^2/NDF : 1266539.4/21

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 ± 0.245 χ^2/NDF : 508989.2/16

Left Out: 2119.929 ± 1.264 χ^2/NDF : 289384.7/3

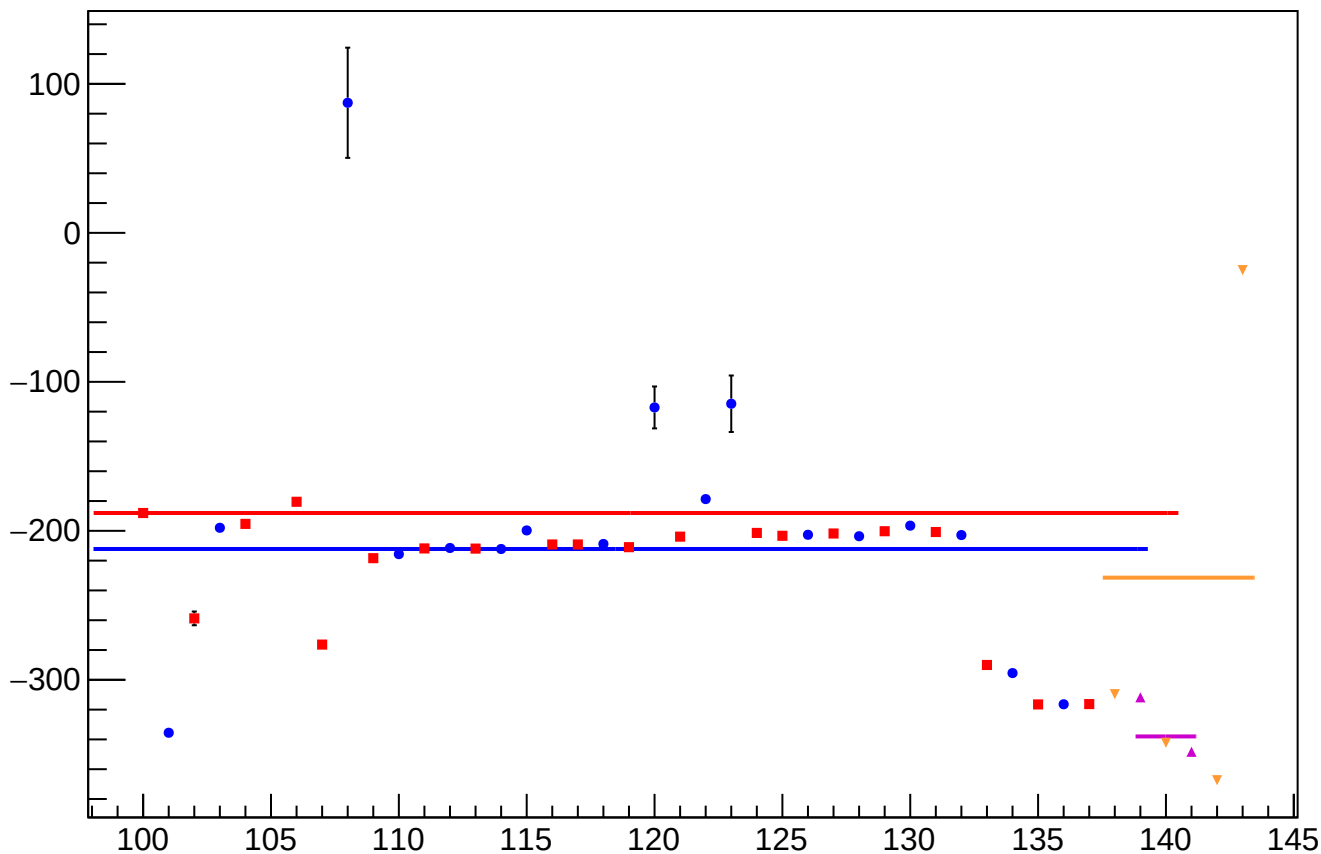
Right Out: 1089.717 ± 0.253 χ^2/NDF : 1100324.0/19

Left In: 2305.395 ± 1.452 χ^2/NDF : 5841.5/1

1205.651 ± 0.241 χ^2/NDF : 1341434.8/20

1125.607 ± 0.250 χ^2/NDF : 1786133.9/21

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -231.429+/-0.060 χ^2/NDF : 4887561.6/3

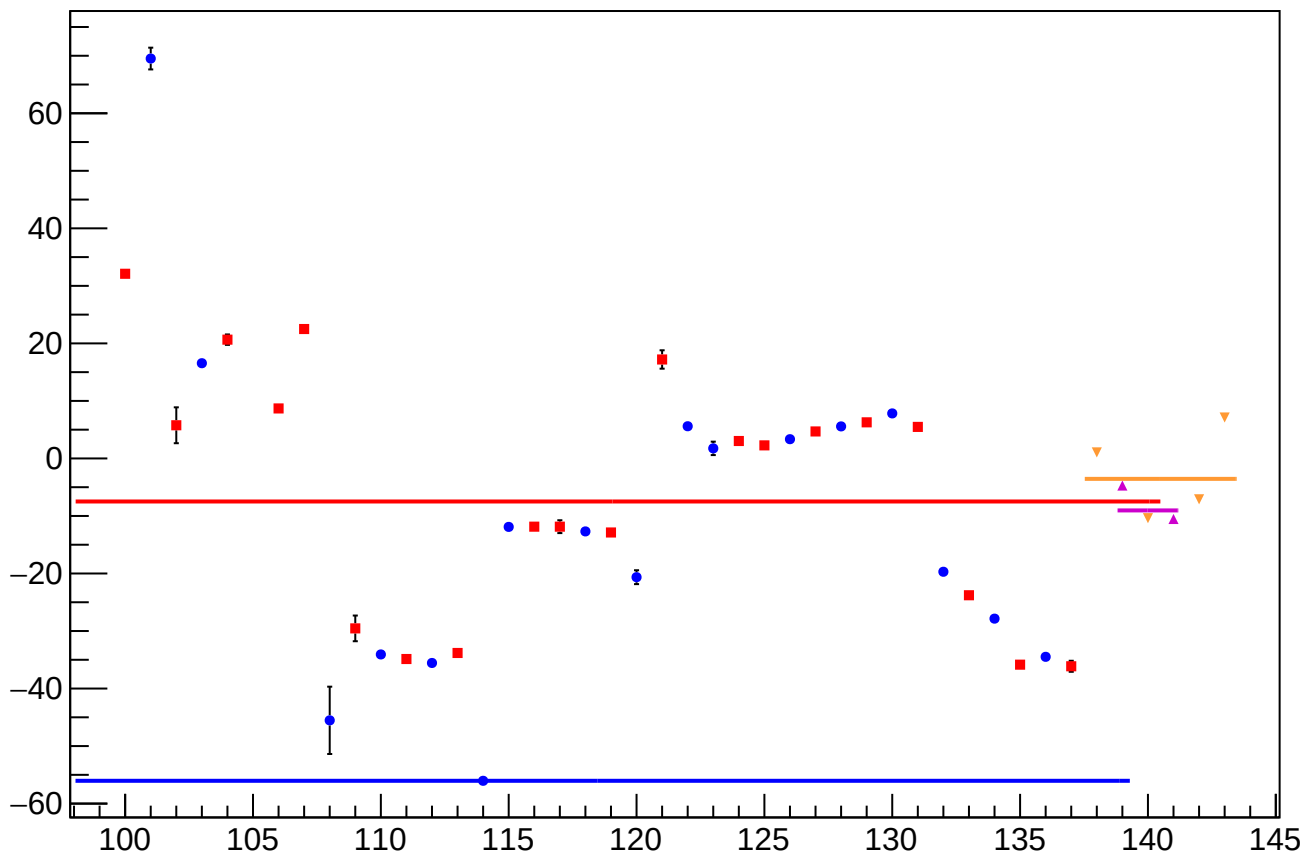
Right Out: -188.033+/-0.000 χ^2/NDF : 602532.6/19

Left In: -337.999+/-0.103 χ^2/NDF : 25344.3/1

-212.190+/-0.000 χ^2/NDF : 6140587.0/20

-188.033+/-0.000 χ^2/NDF : 2736325.1/21

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -3.550 ± 0.093 χ^2/NDF : 7135.8/3

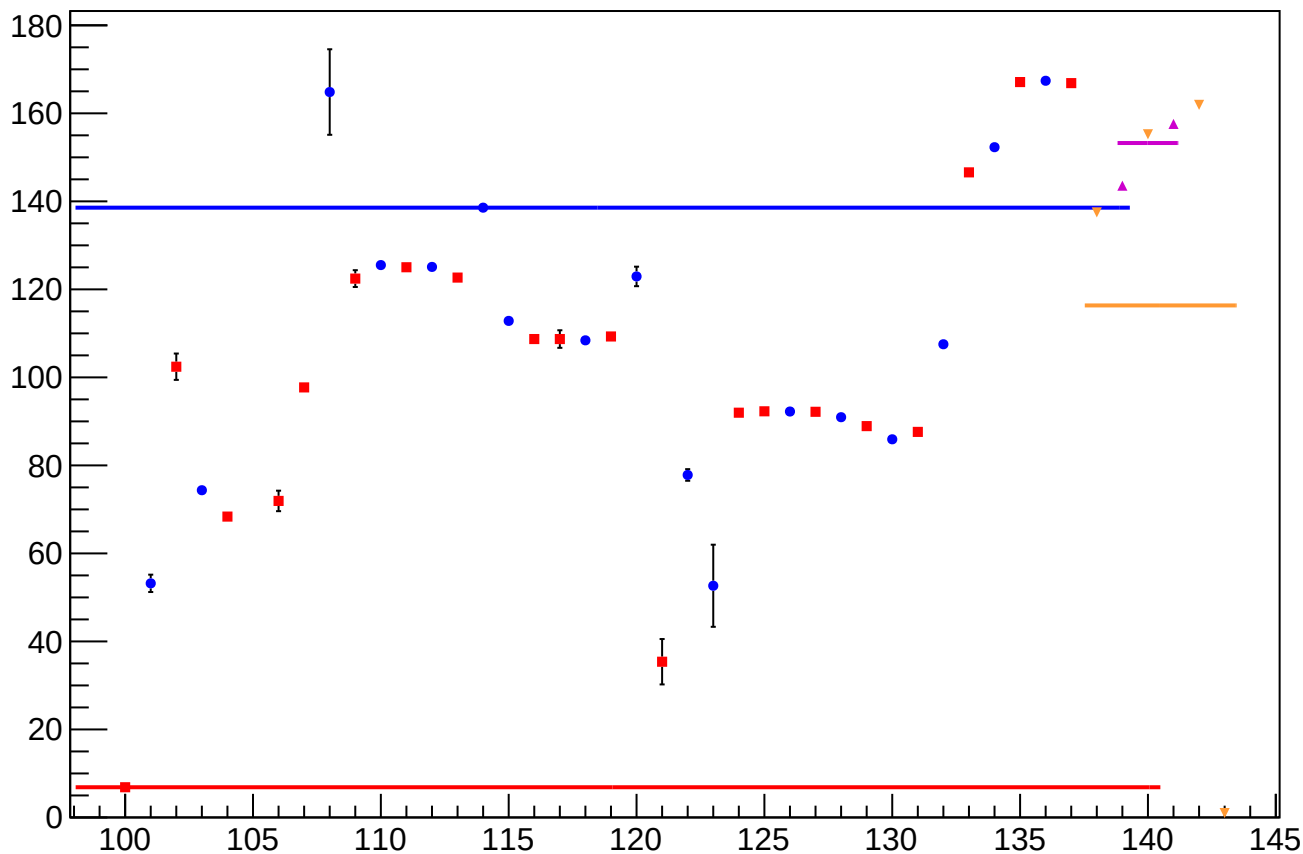
Right Out: -7.483 ± 0.042 χ^2/NDF : 173909.3/19

Left In: -9.036 ± 0.082 χ^2/NDF : 967.6/1

-56.037 ± 0.000 χ^2/NDF : 1907892.4/20

-7.810 ± 0.037 χ^2/NDF : 175163.4/21

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 116.349 $\pm$ 0.130 χ^2 /NDF:255259.2/3

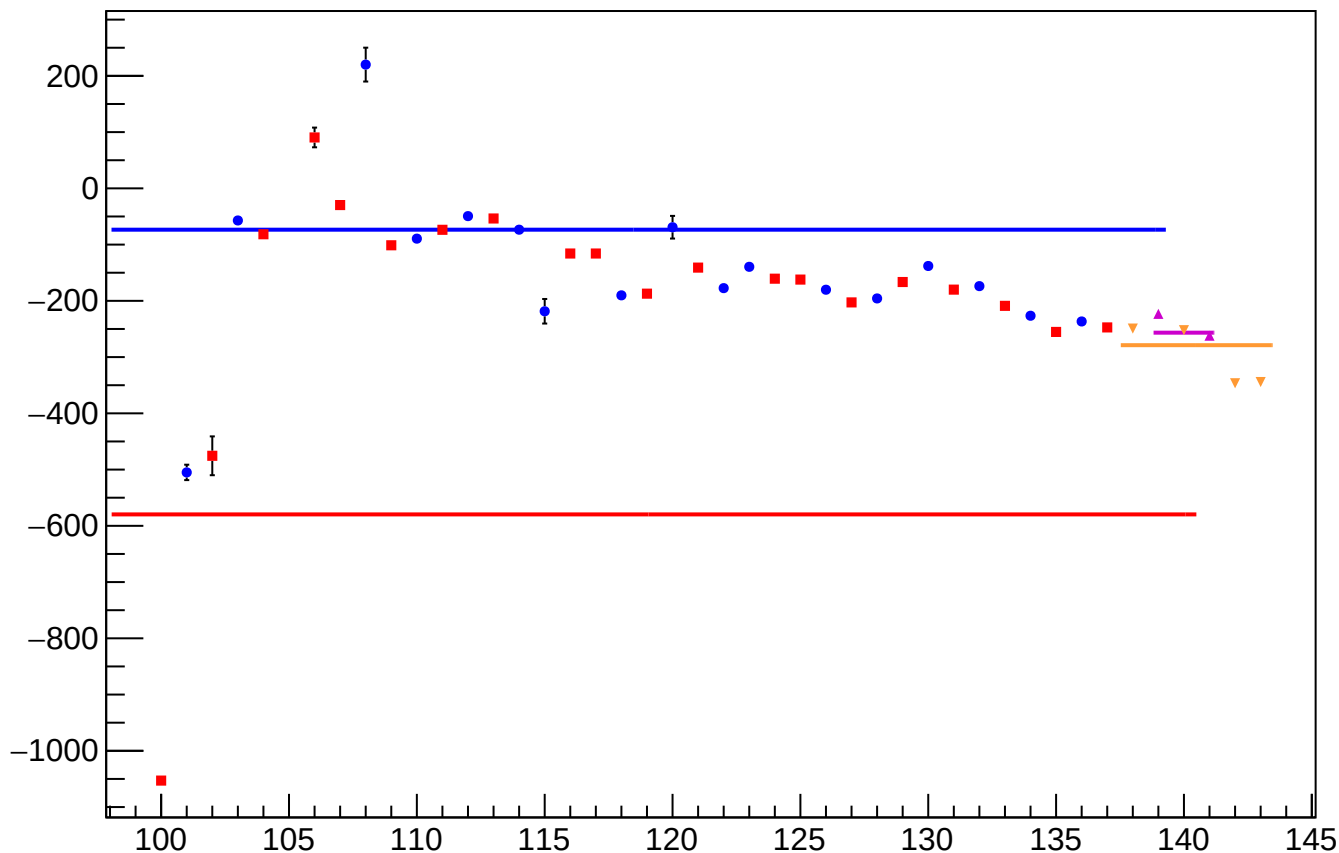
Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8049995.3/19

Left In: 153.255 $\pm$ 0.098 χ^2 /NDF:4404.1/1

138.565 $\pm$ 0.000 χ^2 /NDF: 1185775.4/20

6.866 $\pm$ 0.000 χ^2 /NDF: 10297051.7/21

dit_atr1_4aX_slope vs Slug



Right In: -73.485 $\pm$ 0.000 χ^2 /NDF: 98703.2/16

Left Out: -278.819 $\pm$ 0.494 χ^2 /NDF: 7681.7/3

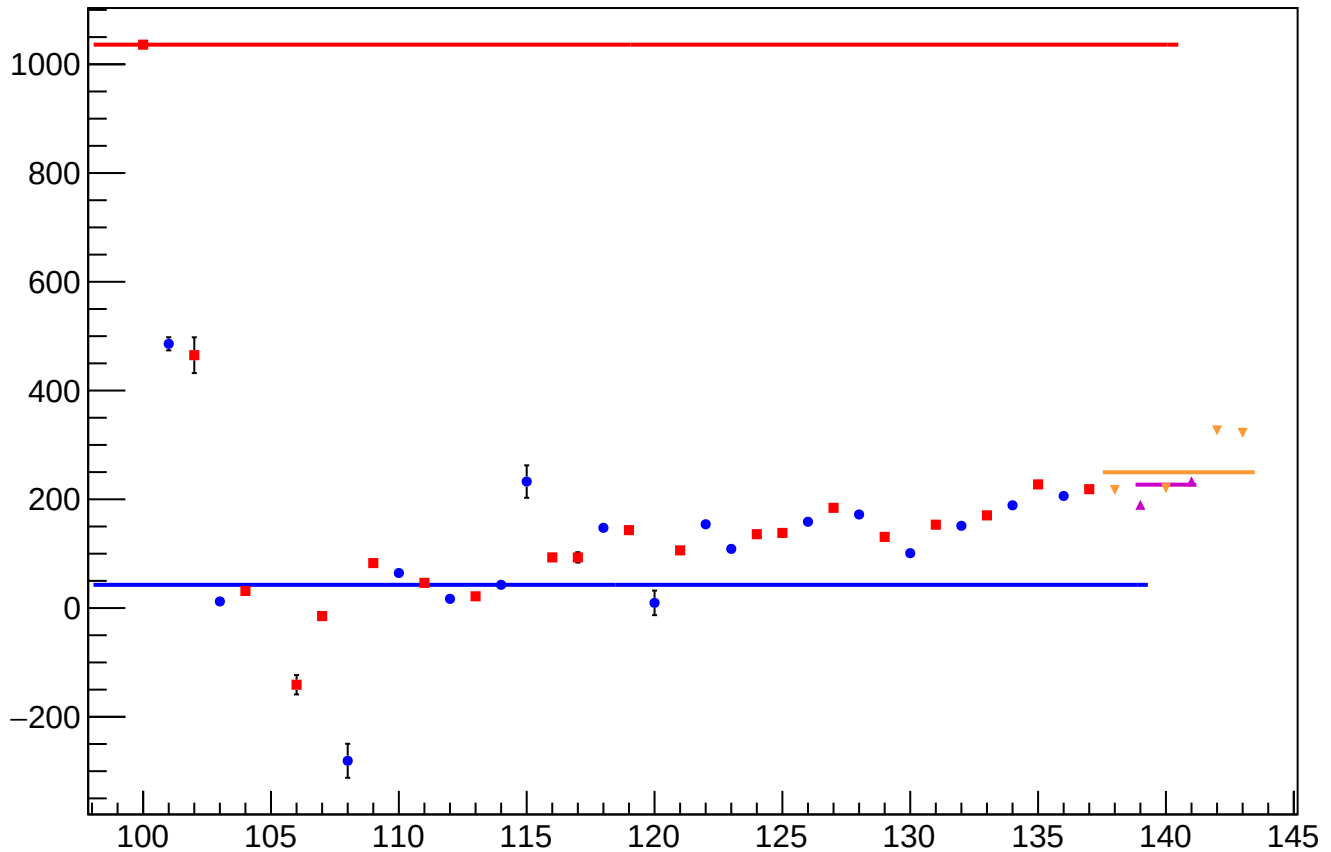
Right Out: -579.681 $\pm$ 0.261 χ^2 /NDF: 3035573.4/19

Left In: -256.582 $\pm$ 0.658 χ^2 /NDF: 414.9/1

-73.485 $\pm$ 0.000 χ^2 /NDF: 279412.9/20

-535.785 $\pm$ 0.242 χ^2 /NDF: 3244540.2/21

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 249.702+/-0.515 χ^2/NDF : 8736.8/3

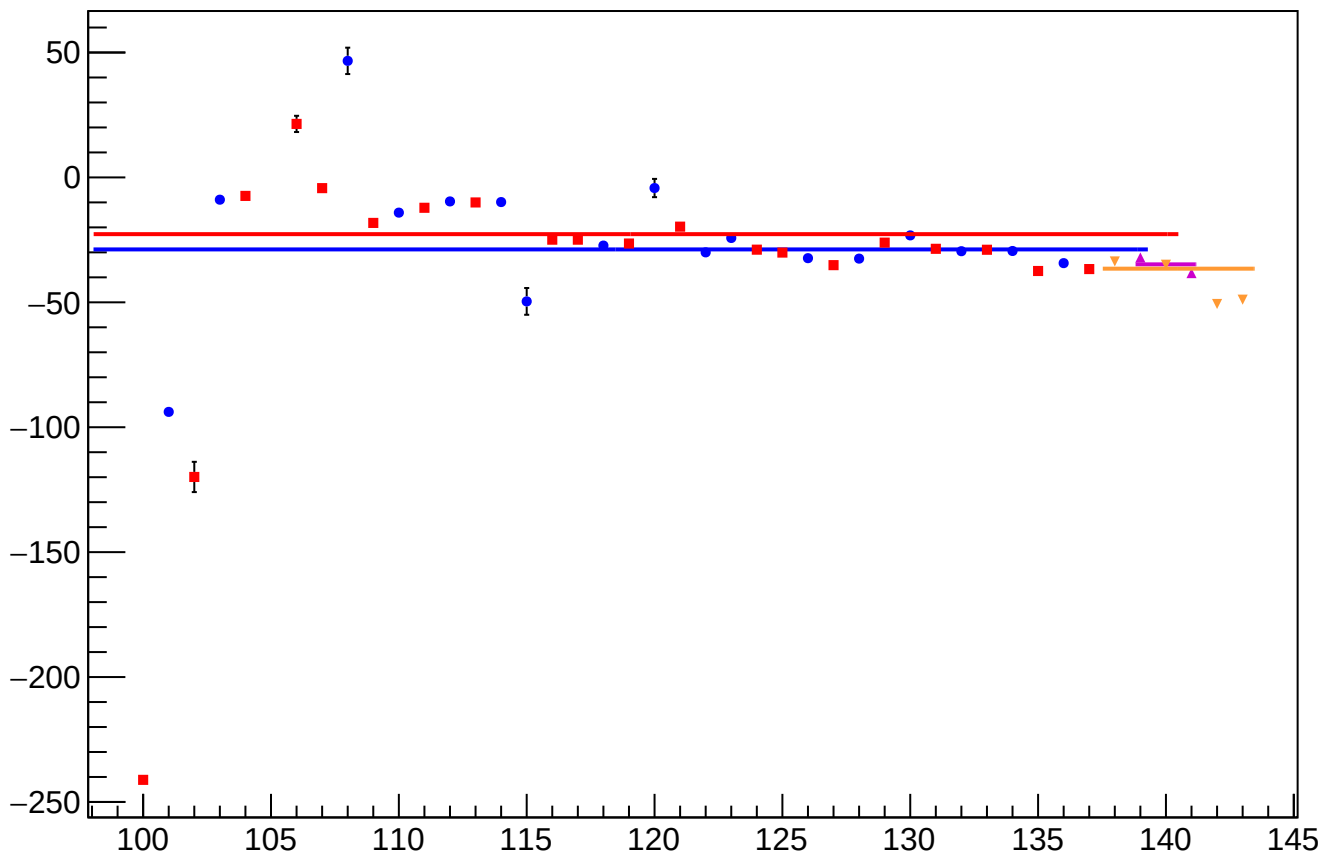
Right Out: 1036.068+/-0.000 χ^2/NDF : 4943495.9/19

Left In: 226.965+/-0.680 χ^2/NDF : 485.5/1

42.743+/-0.000 χ^2/NDF : 254899.8/20

1036.068+/-0.000 χ^2/NDF : 6361167.3/21

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -36.529 ± 0.032 $\chi^2/\text{NDF}: 34015.6/3$

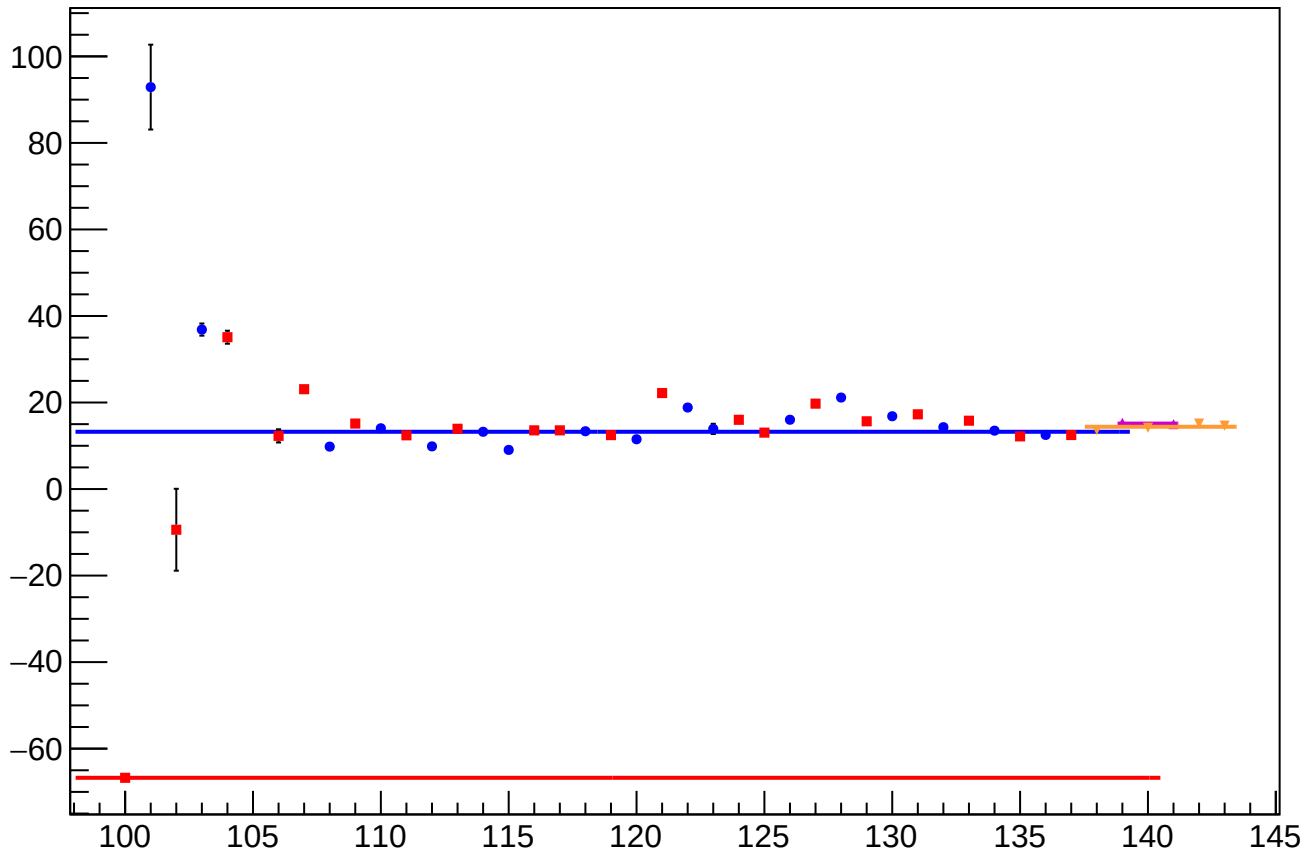
Right Out: -22.709 ± 0.038 $\chi^2/\text{NDF}: 410178.0/19$

Left In: -34.804 ± 0.045 $\chi^2/\text{NDF}: 4752.6/1$

-32.955 ± 0.024 $\chi^2/\text{NDF}: 109907.0/20$

-27.742 ± 0.029 $\chi^2/\text{NDF}: 456940.2/21$

dit_atr1_4aY_slope vs Slug



Right In: 13.238+/-0.000 χ^2/NDF : 5756.1/16

Left Out: 14.393+/-0.038 χ^2/NDF : 102.8/3

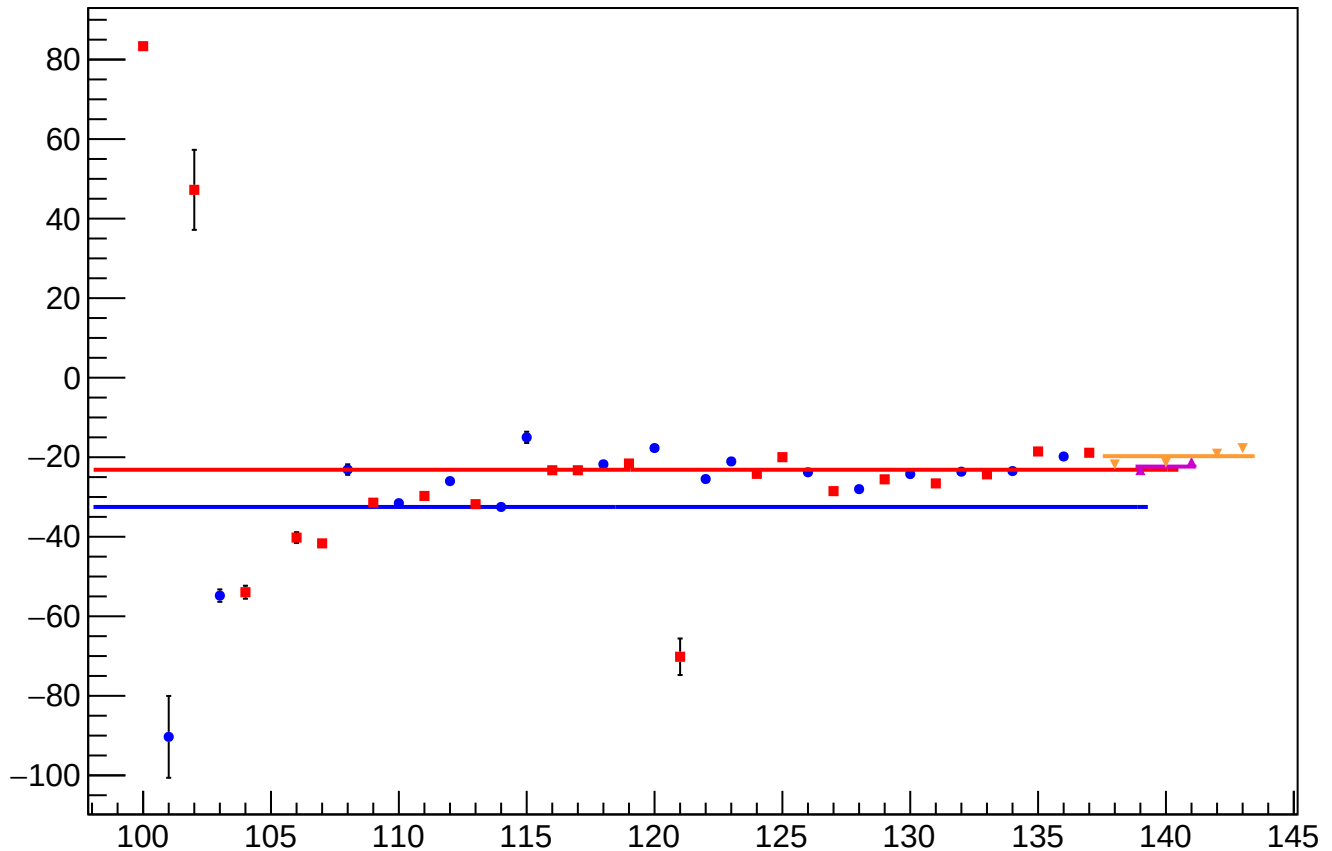
Right Out: -66.739+/-0.000 χ^2/NDF : 3031217.4/19

Left In: 15.129+/-0.046 χ^2/NDF : 11.4/1

13.238+/-0.000 χ^2/NDF : 6768.0/20

-66.739+/-0.000 χ^2/NDF : 6176718.8/21

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -19.735 ± 0.045 χ^2/NDF : 1613.5/3

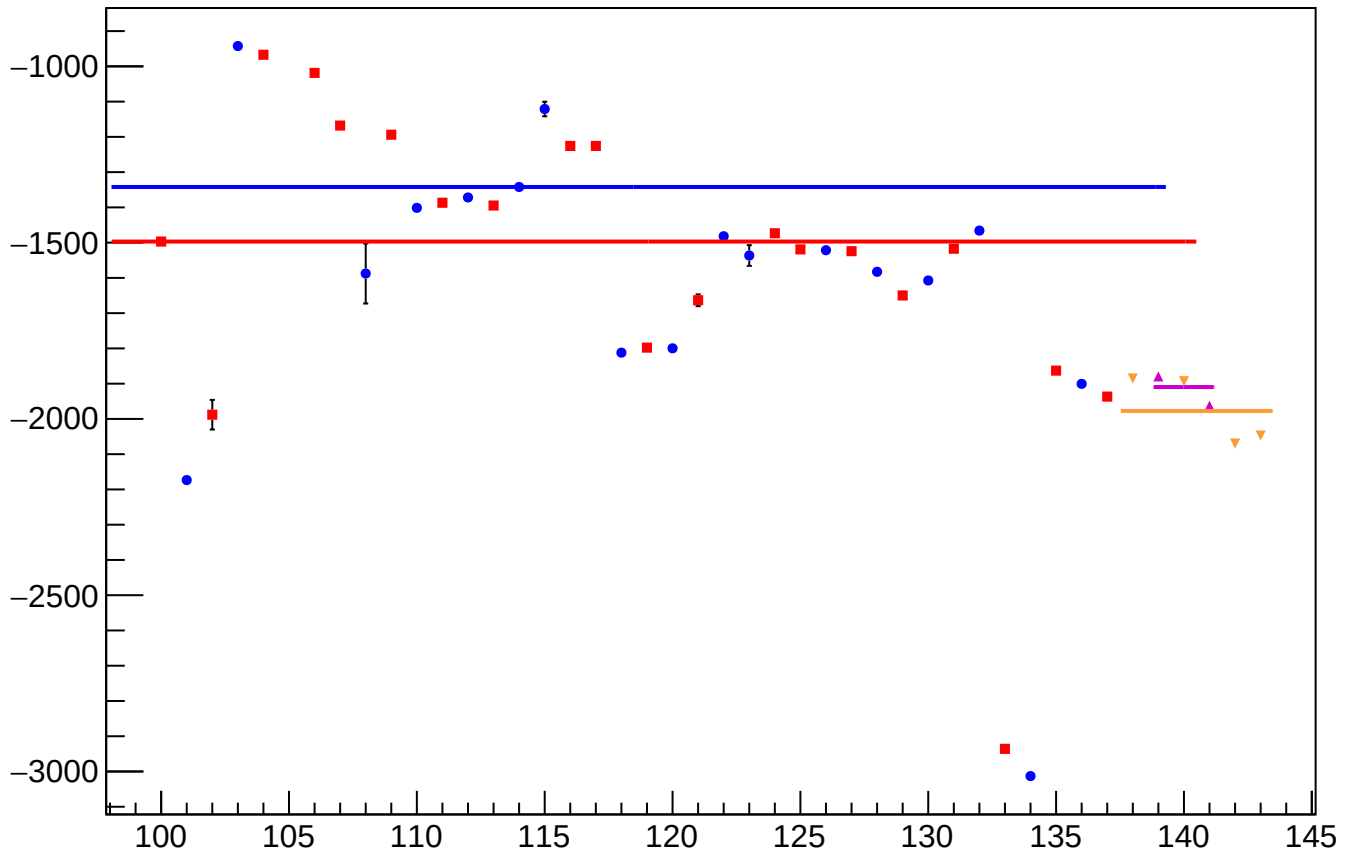
Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/19

Left In: -22.353 ± 0.076 χ^2/NDF : 180.1/1

-32.504 ± 0.000 χ^2/NDF : 156018.5/20

-22.928 ± 0.040 χ^2/NDF : 91008.4/21

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

-1342.107 $\pm$ 0.000 χ^2 /NDF: 692977.8/20

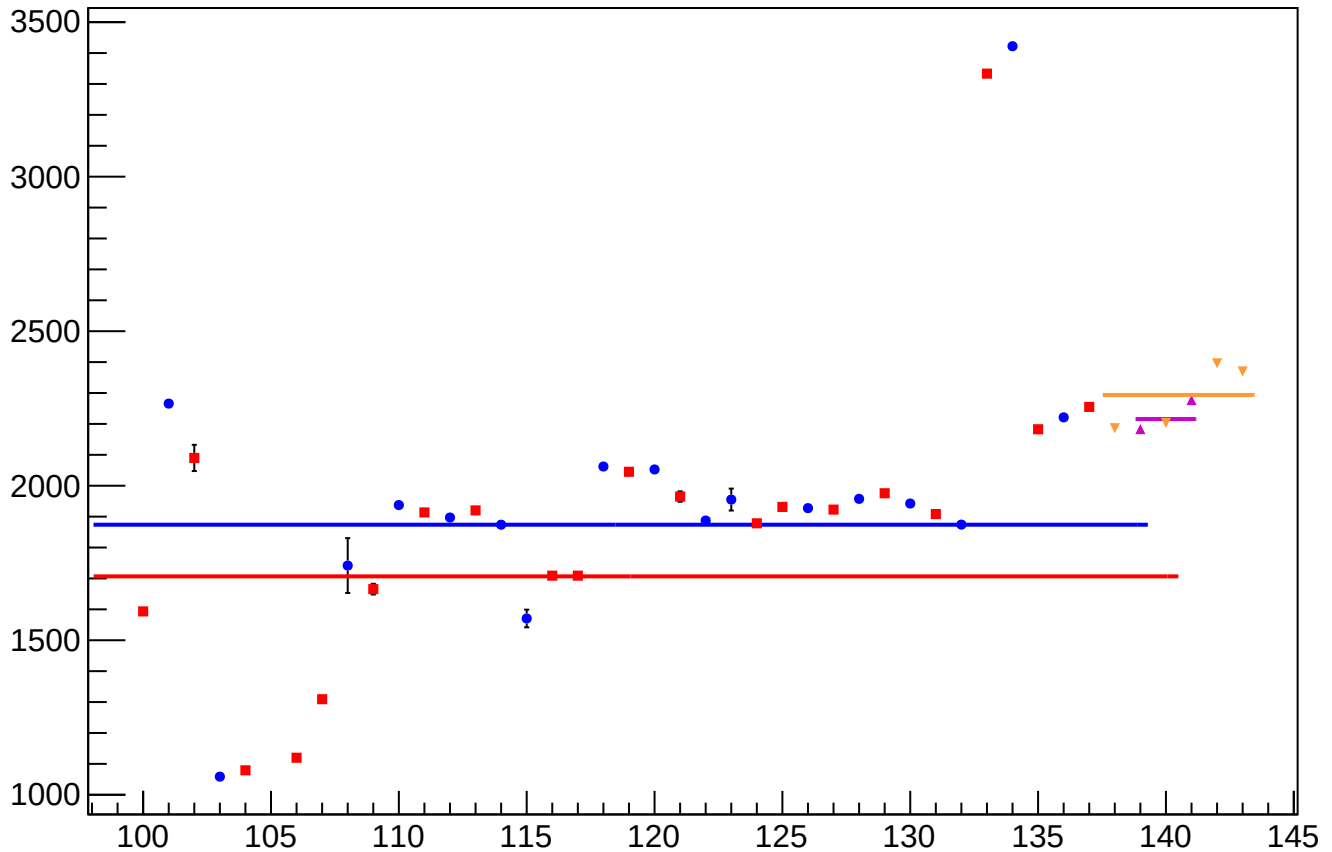
Left Out: -1977.330 $\pm$ 1.129 χ^2 /NDF: 5317.8/3

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 505489.3/19

-1496.932 $\pm$ 0.000 χ^2 /NDF: 724413.5/21

Left In: -1909.495 $\pm$ 0.886 χ^2 /NDF: 2027.2/1

dit_atr2_4eX_slope vs Slug



Right In: 1873.852+/-0.000 χ^2/NDF : 201563.9/16

Left Out: 2293.712+/-1.182 χ^2/NDF : 6000.3/3

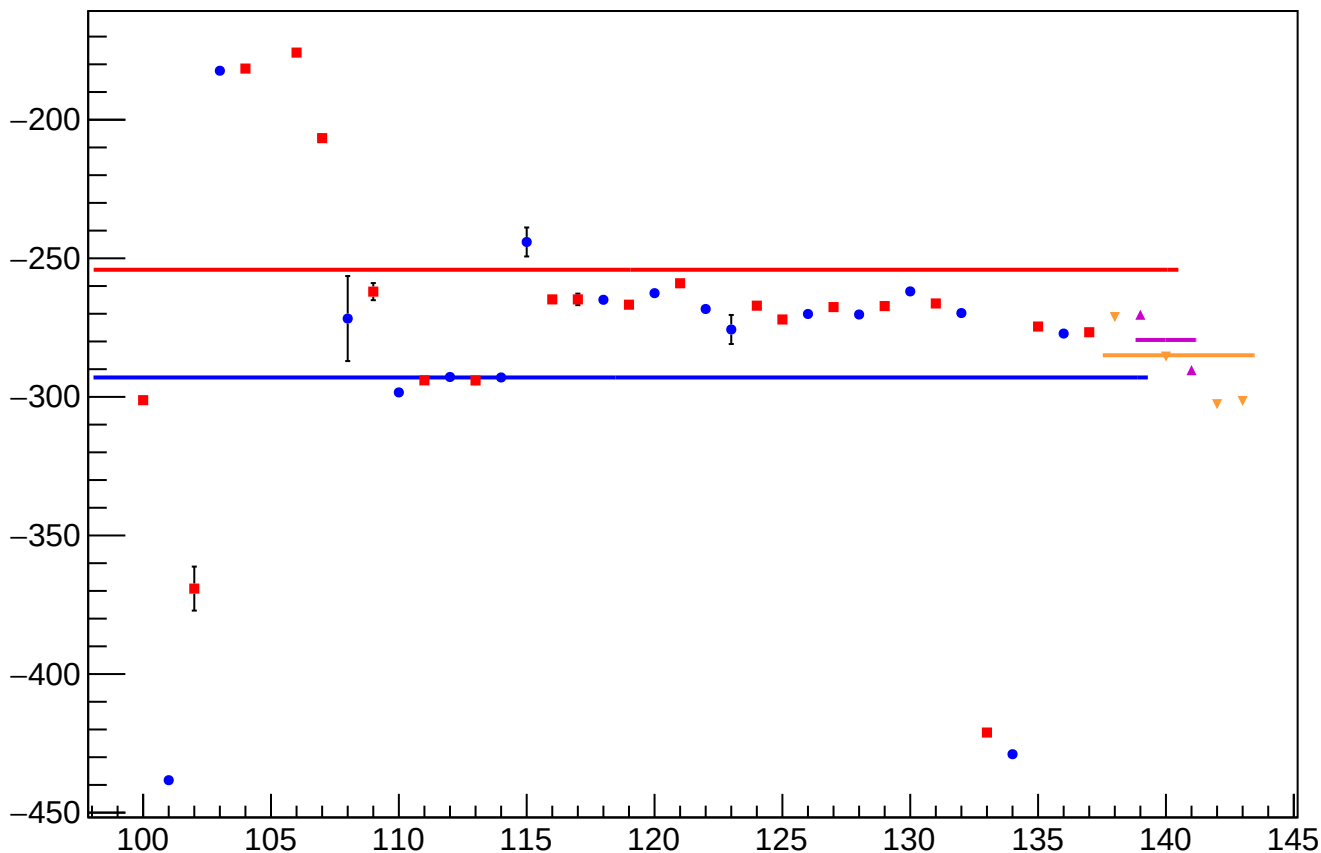
Right Out: 1706.740+/-0.302 χ^2/NDF : 837936.9/19

Left In: 2215.816+/-0.905 χ^2/NDF : 2440.9/1

1873.852+/-0.000 χ^2/NDF : 333763.0/20

1757.836+/-0.287 χ^2/NDF : 1124993.6/21

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -284.980+/-0.074 χ^2/NDF : 35704.2/3

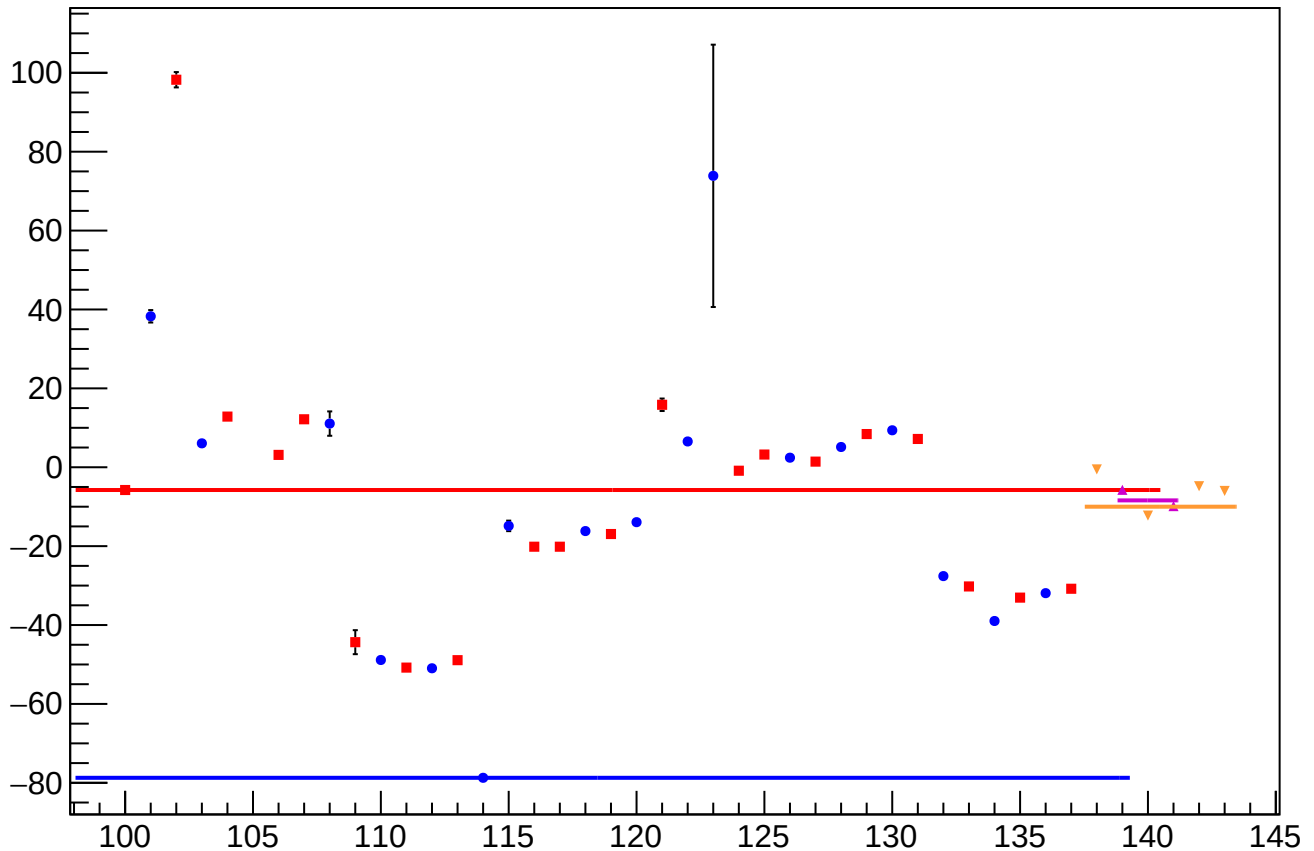
Right Out: -254.127+/-0.059 χ^2/NDF : 502684.9/19

Left In: -279.451+/-0.062 χ^2/NDF : 25481.7/1

-292.986+/-0.000 χ^2/NDF : 1063040.7/20

-266.073+/-0.043 χ^2/NDF : 615135.2/21

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -10.000 ± 0.074 $\chi^2/\text{NDF}: 2502.5/3$

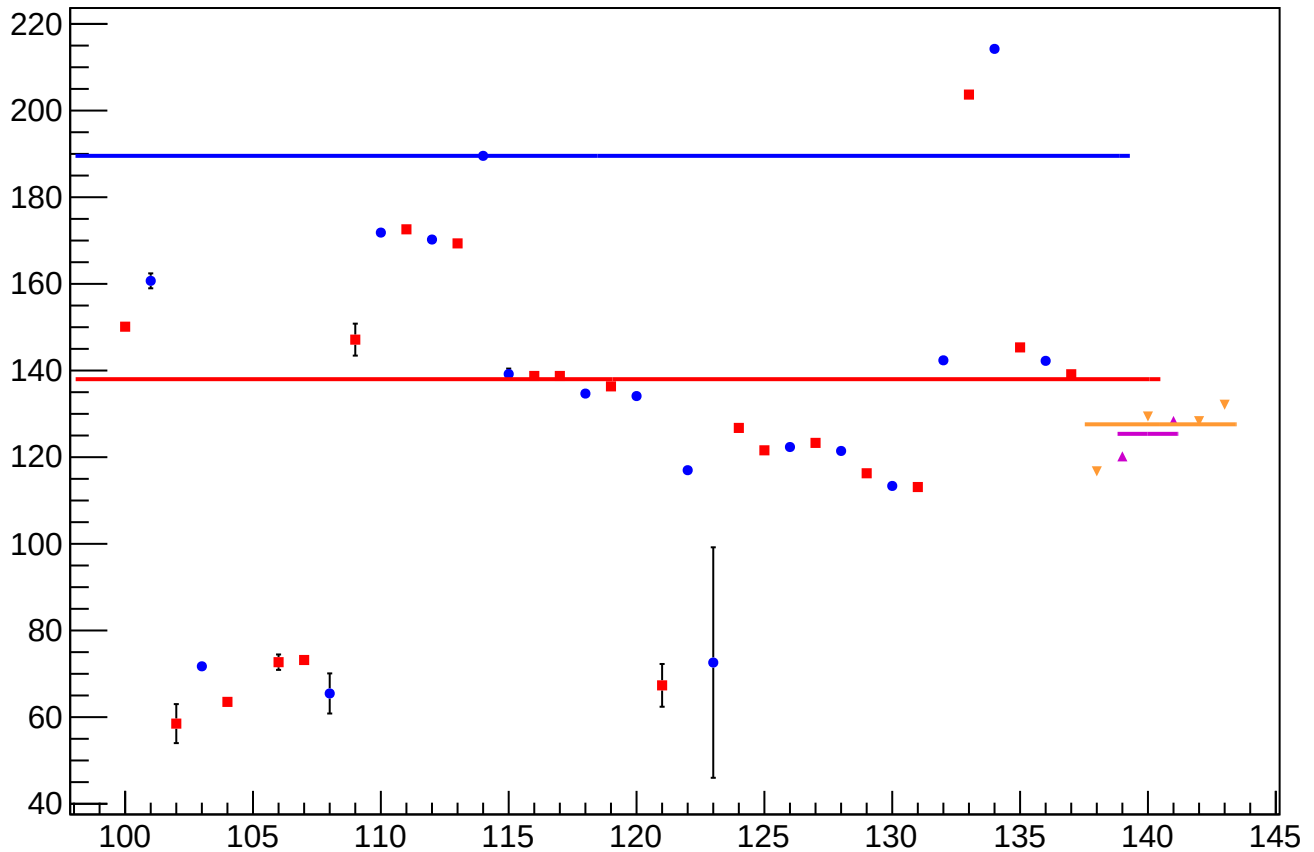
Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111755.3/19$

Left In: -8.399 ± 0.065 $\chi^2/\text{NDF}: 915.8/1$

-78.728 ± 0.000 $\chi^2/\text{NDF}: 2273736.3/20$

-5.769 ± 0.000 $\chi^2/\text{NDF}: 114299.5/21$

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 127.586+/-0.095 χ^2/NDF : 2863.9/3

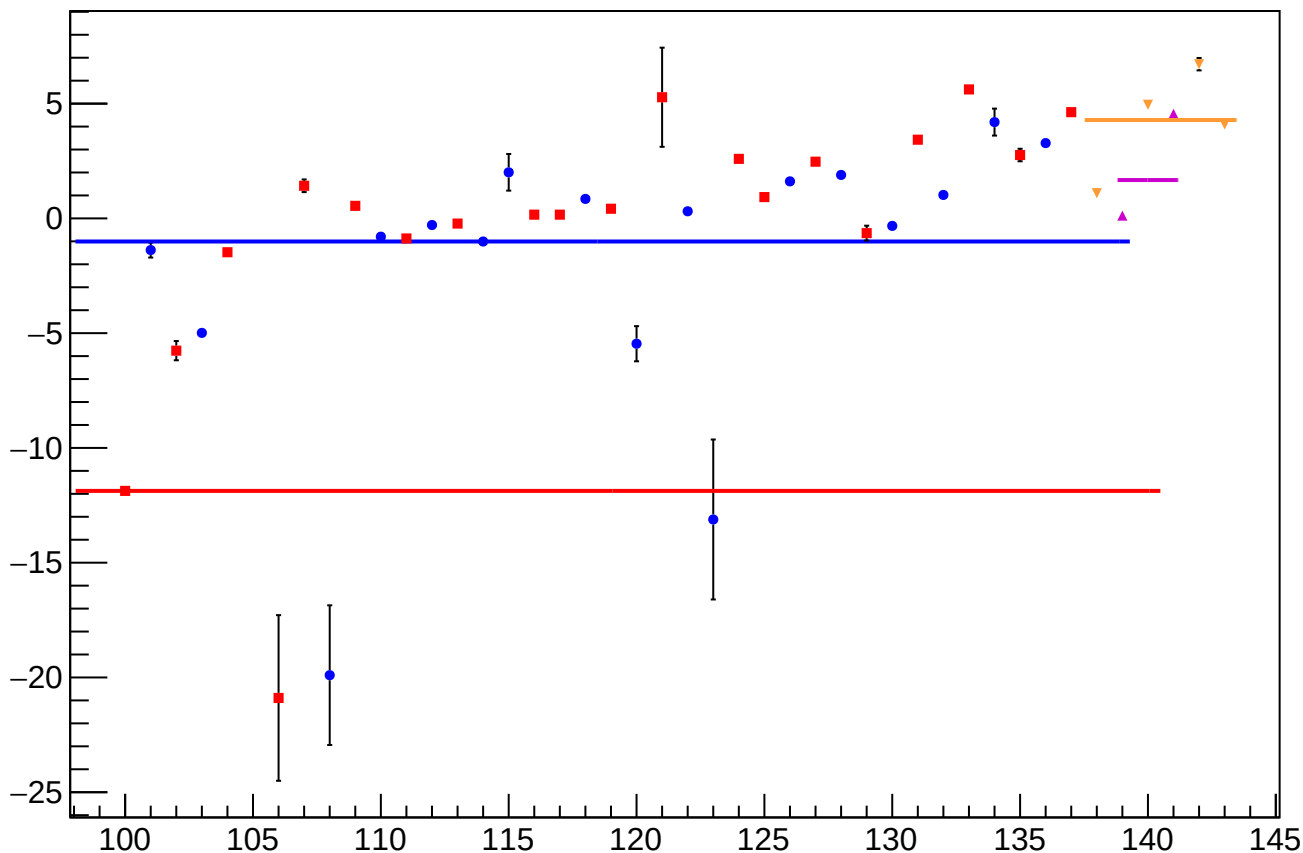
Right Out: 138.004+/-0.059 χ^2/NDF : 117358.3/19

Left In: 125.387+/-0.067 χ^2/NDF : 3408.4/1

189.551+/-0.000 χ^2/NDF : 1360162.1/20

132.531+/-0.044 χ^2/NDF : 140620.3/21

dit_sam1_4aX_slope vs Slug



Right In: -1.007+/-0.000 χ^2 /NDF: 7057.7/16

Left Out: 4.286+/-0.070 χ^2 /NDF:389.5/3

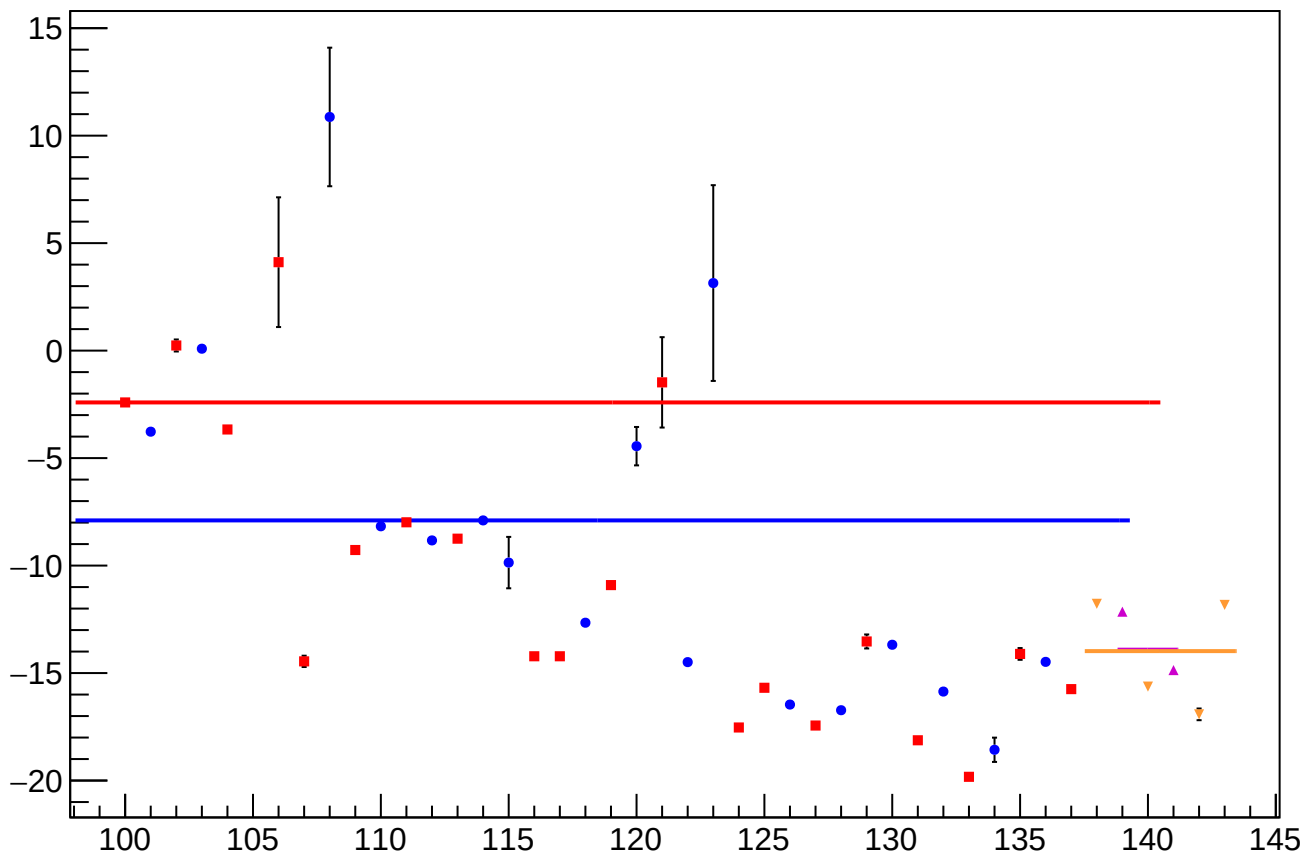
Right Out: -11.872+/-0.000 χ^2 /NDF: 560568.2/19

Left In: 1.670+/-0.053 χ^2 /NDF:1575.8/1

-1.007+/-0.000 χ^2 /NDF: 13202.7/20

-11.872+/-0.000 χ^2 /NDF: 626752.4/21

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -13.979 ± 0.069 χ^2/NDF : 834.7/3

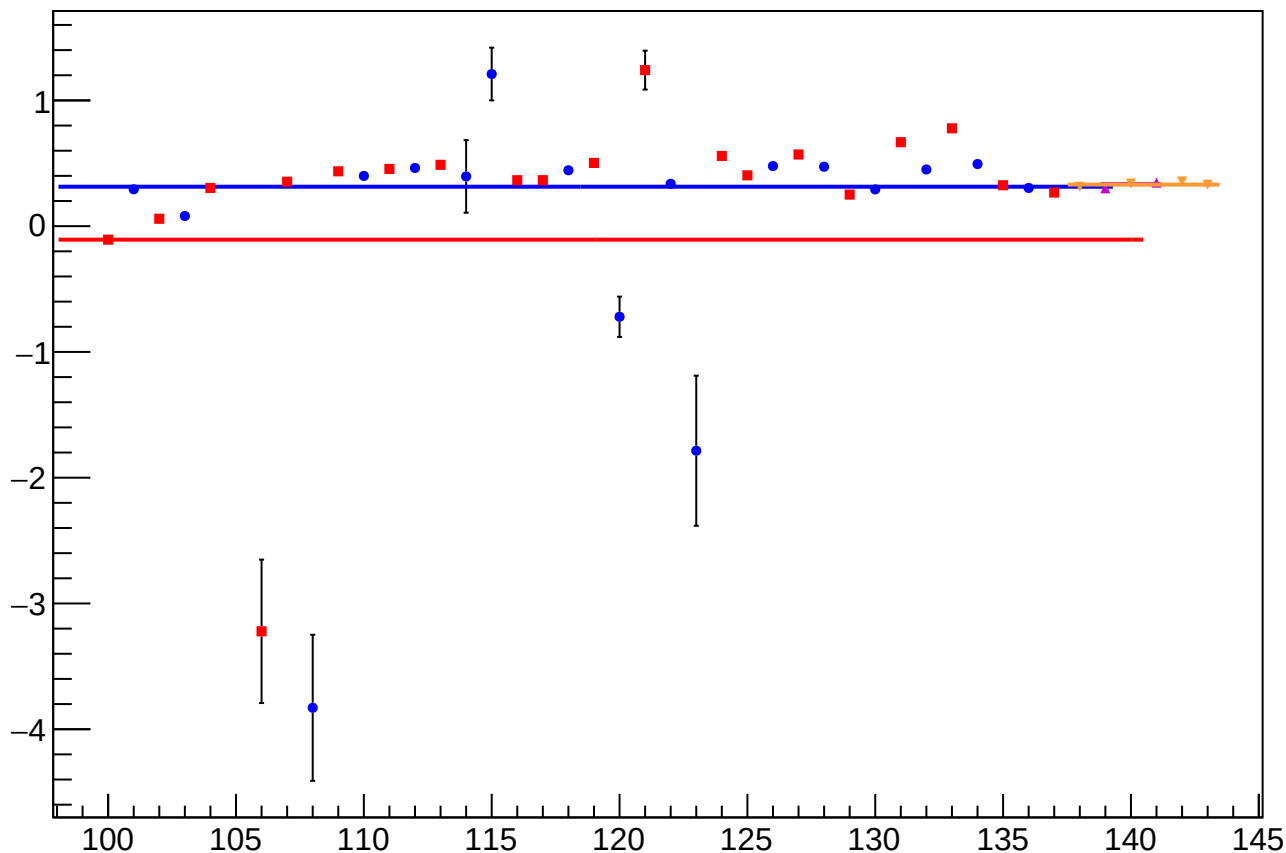
Right Out: -2.410 ± 0.000 χ^2/NDF : 222300.8/19

Left In: -13.912 ± 0.071 χ^2/NDF : 333.5/1

-7.899 ± 0.000 χ^2/NDF : 47998.6/20

-2.410 ± 0.000 χ^2/NDF : 248930.6/21

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 2748.0/16

Left Out: 0.331 $\pm$ 0.001 χ^2 /NDF: 230.3/3

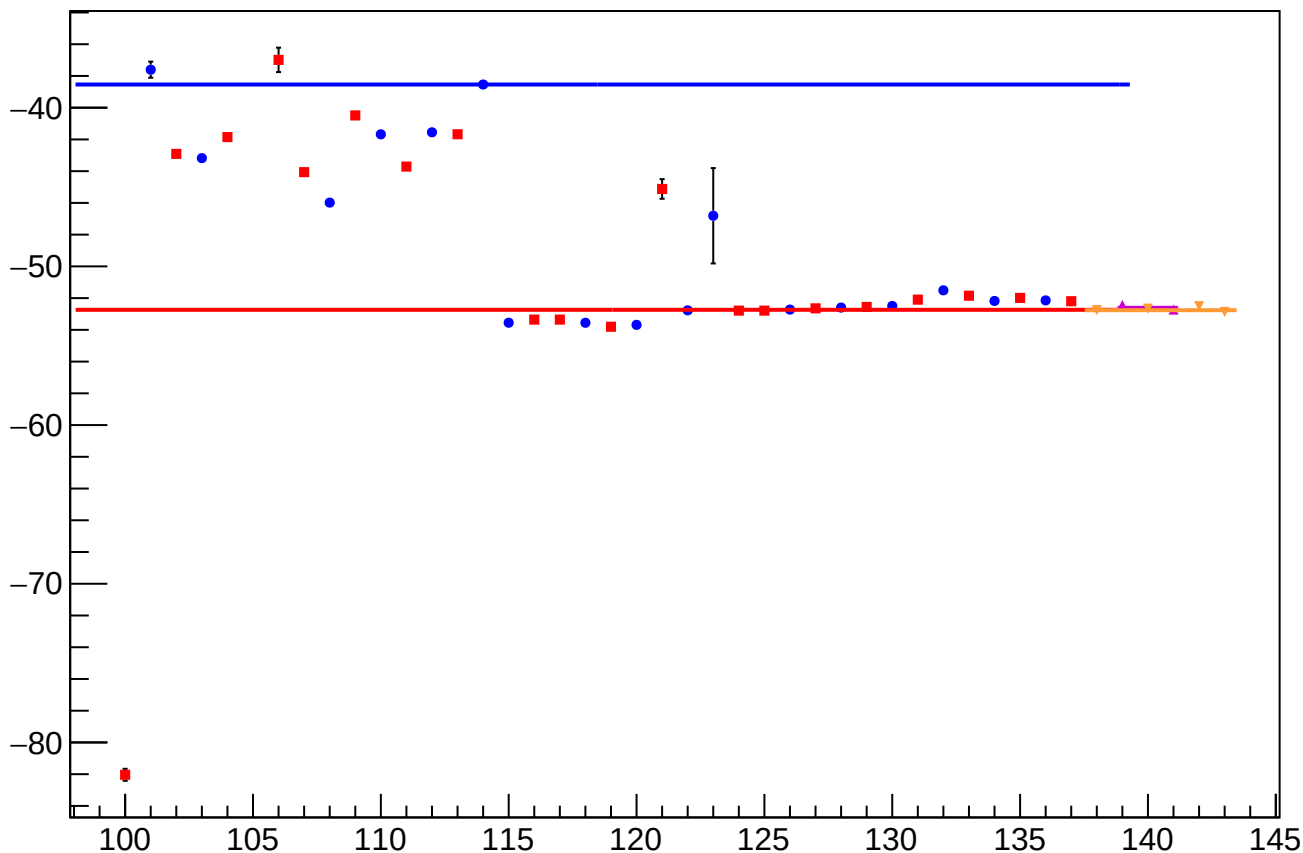
Right Out: -0.107 $\pm$ 0.000 χ^2 /NDF: 223881.2/19

Left In: 0.334 $\pm$ 0.001 χ^2 /NDF: 256.2/1

0.324 $\pm$ 0.001 χ^2 /NDF: 3161.6/20

-0.107 $\pm$ 0.000 χ^2 /NDF: 354294.2/21

dit_sam1_4aY_slope vs Slug



Right In: -38.539 ± 0.000 χ^2/NDF : 14950854.6/16

Left Out: -52.761 ± 0.005 χ^2/NDF : 505.2/3

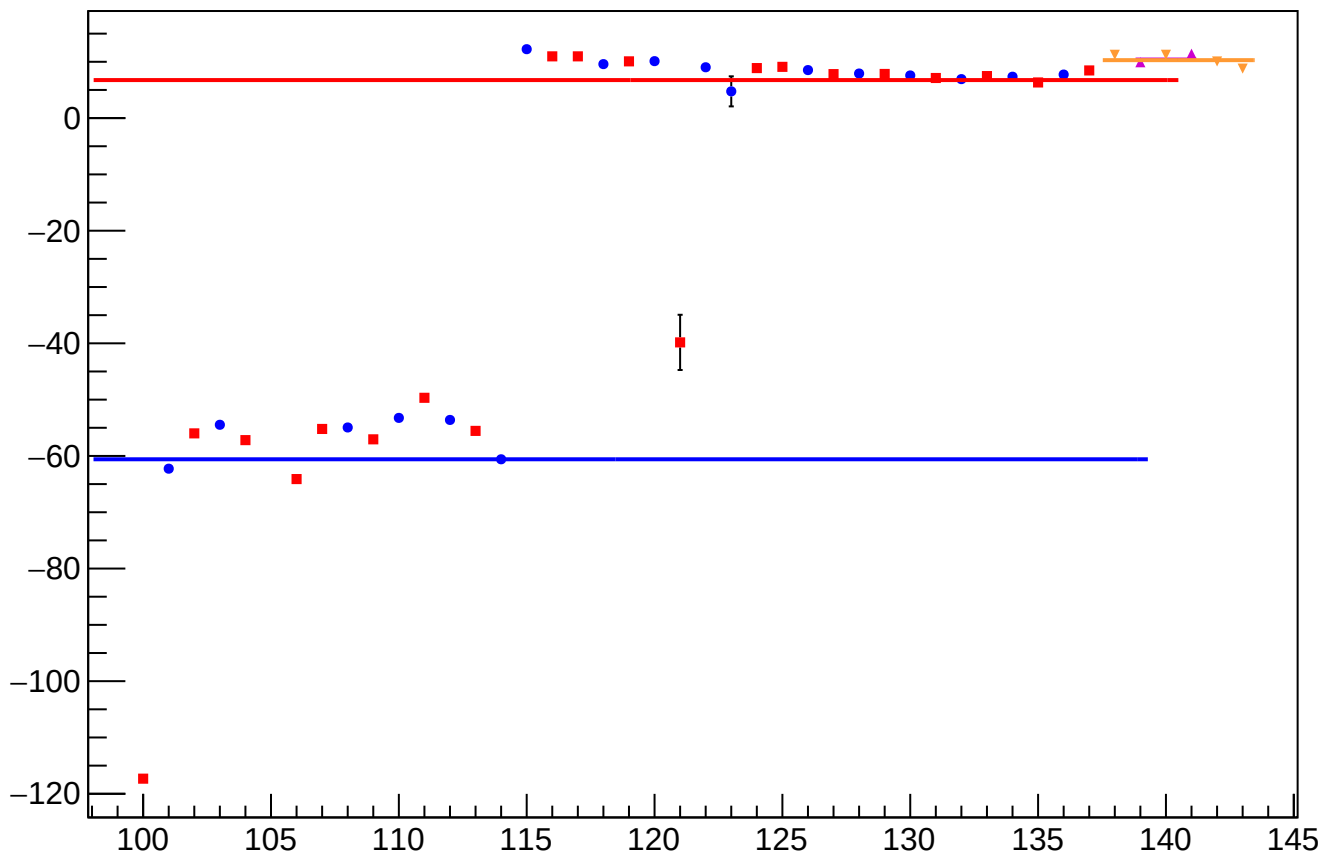
Right Out: -52.737 ± 0.002 χ^2/NDF : 87444.8/19

Left In: -52.612 ± 0.007 χ^2/NDF : 419.7/1

-38.539 ± 0.000 χ^2/NDF : 22126799.1/20

-52.728 ± 0.002 χ^2/NDF : 88164.1/21

dit_sam1_4eY_slope vs Slug



Right In: -60.594 $\pm$ 0.000 χ^2 /NDF: 26122838.1/16

Left Out: 10.291 $\pm$ 0.014 χ^2 /NDF: 5288.3/3

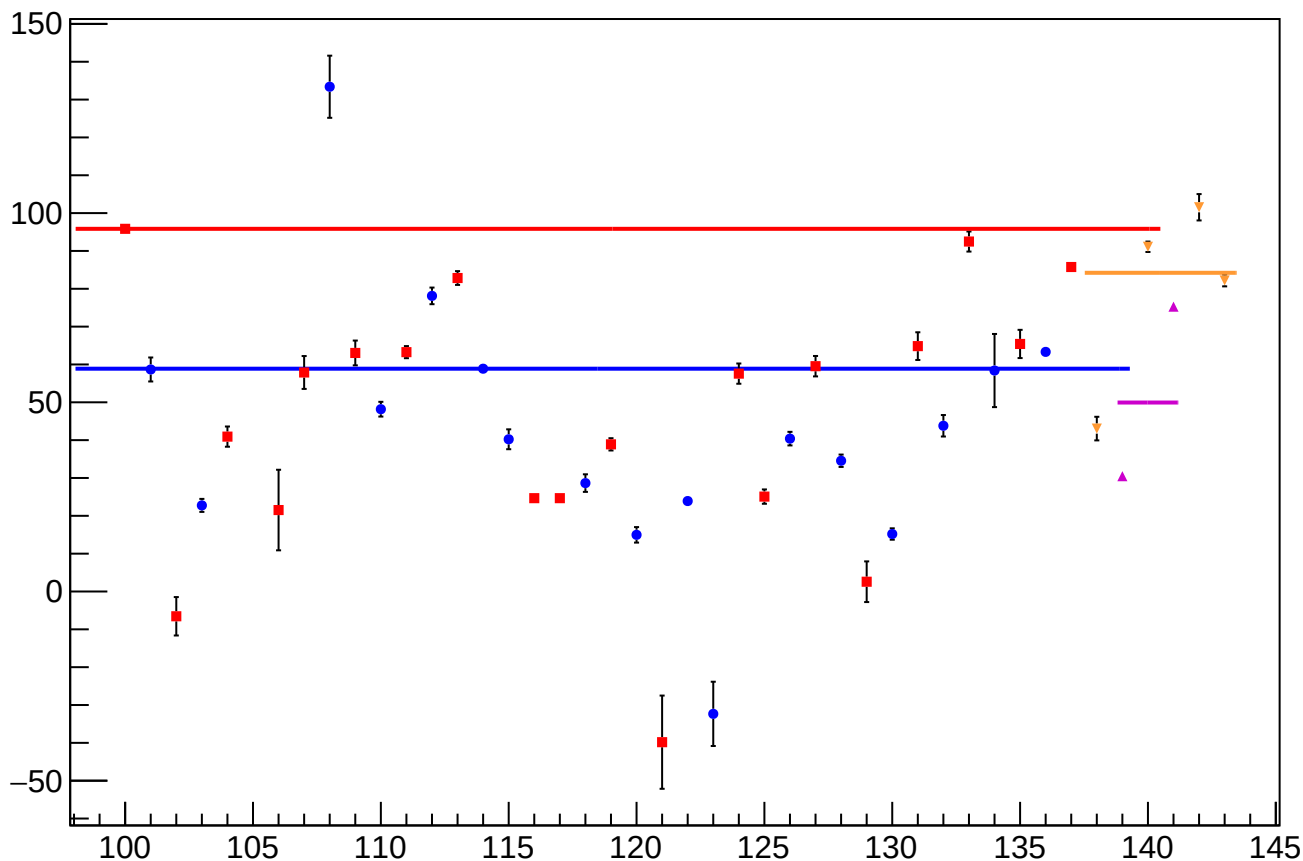
Right Out: 6.753 $\pm$ 0.011 χ^2 /NDF: 1266741.1/19

Left In: 10.401 $\pm$ 0.019 χ^2 /NDF: 1451.5/1

-60.594 $\pm$ 0.000 χ^2 /NDF: 50942618.0/20

7.701 $\pm$ 0.009 χ^2 /NDF: 1296748.2/21

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 3814.7/16$

Left Out: 84.225 ± 0.945 $\chi^2/\text{NDF}: 225.7/3$

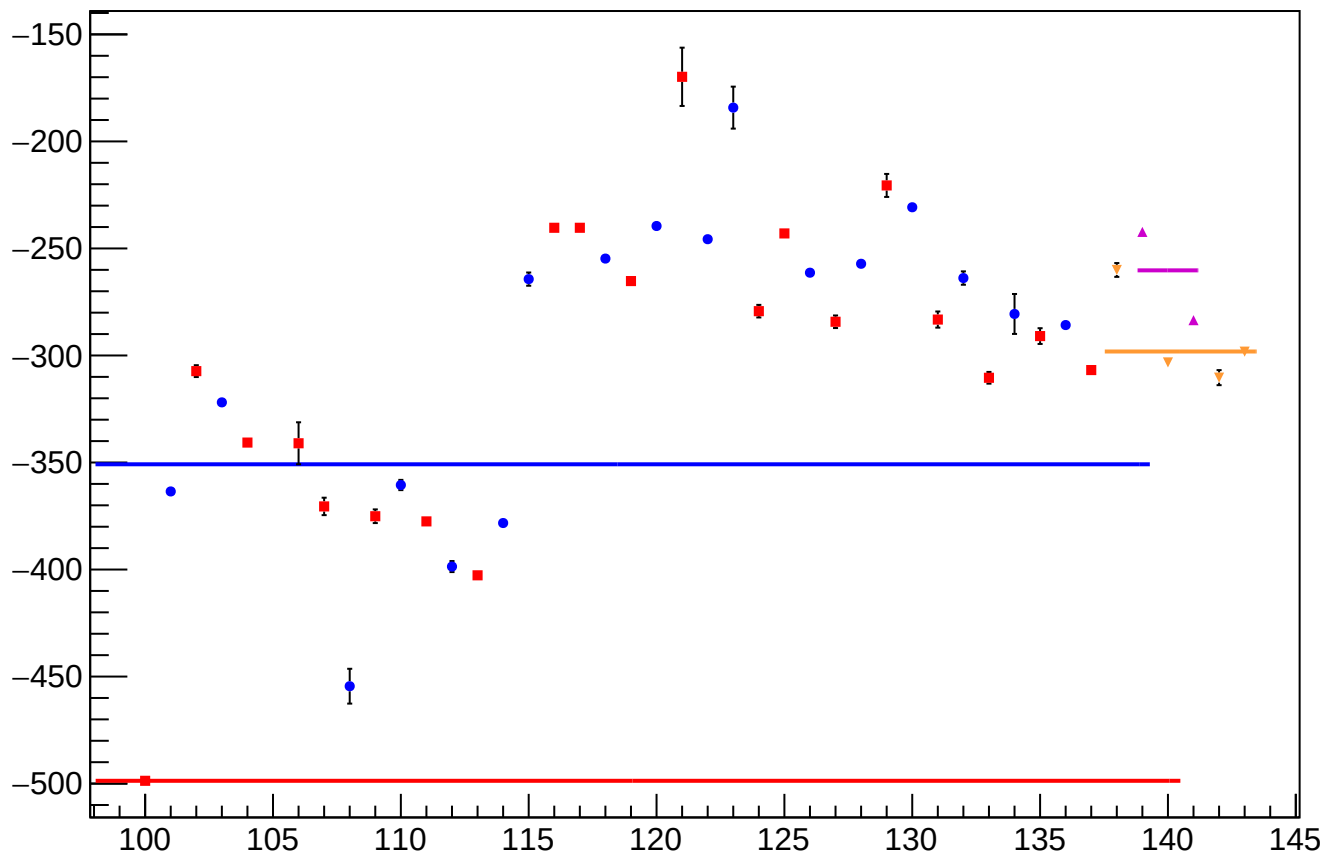
Right Out: 95.846 ± 0.000 $\chi^2/\text{NDF}: 44645.2/19$

Left In: 49.939 ± 0.741 $\chi^2/\text{NDF}: 899.4/1$

58.880 ± 0.000 $\chi^2/\text{NDF}: 4759.9/20$

95.846 ± 0.000 $\chi^2/\text{NDF}: 49387.7/21$

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -298.141 ± 0.949 $\chi^2/\text{NDF}: 164.6/3$

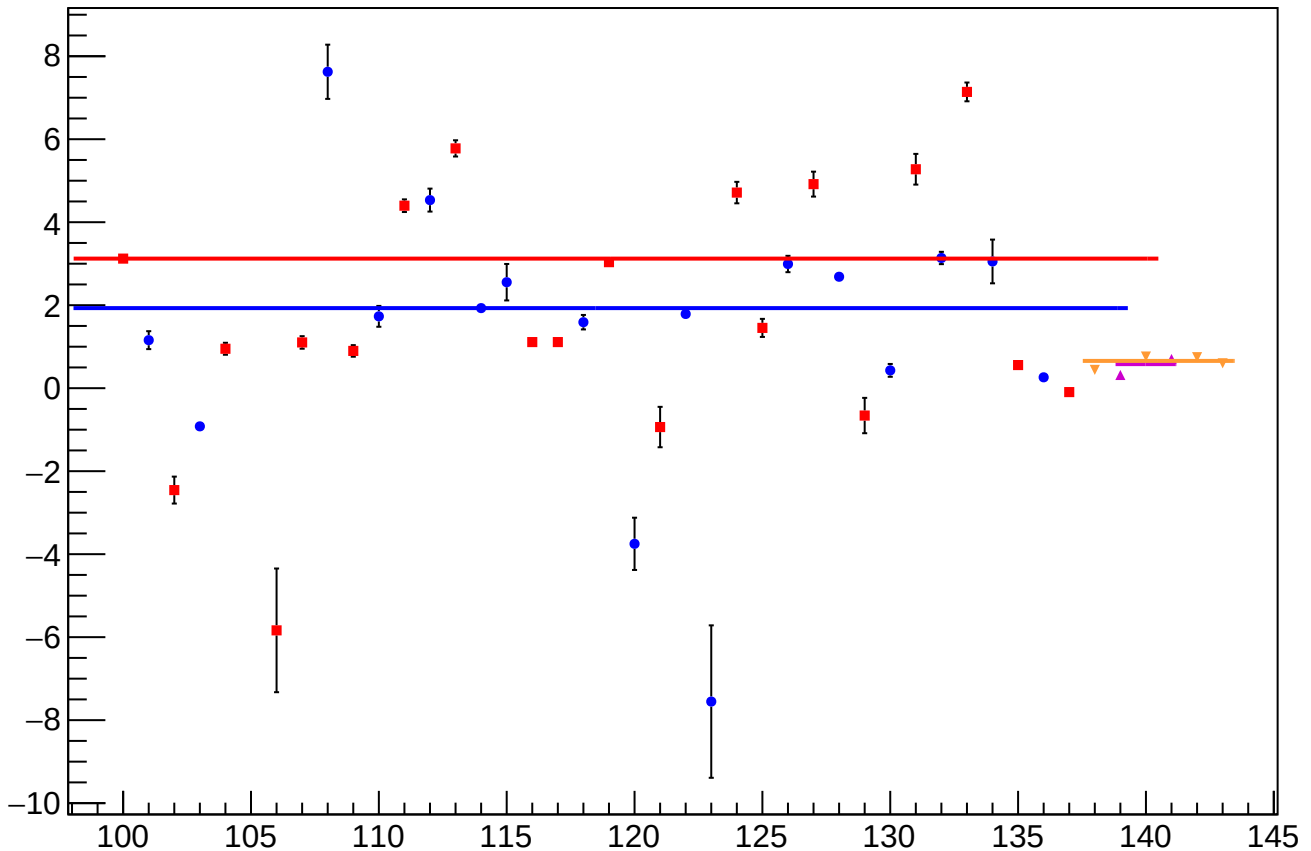
Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 572319.3/19$

Left In: -260.236 ± 0.729 $\chi^2/\text{NDF}: 786.0/1$

-347.555 ± 0.237 $\chi^2/\text{NDF}: 44354.2/20$

-498.692 ± 0.000 $\chi^2/\text{NDF}: 680007.8/21$

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.657 ± 0.006 χ^2/NDF : 314.2/3

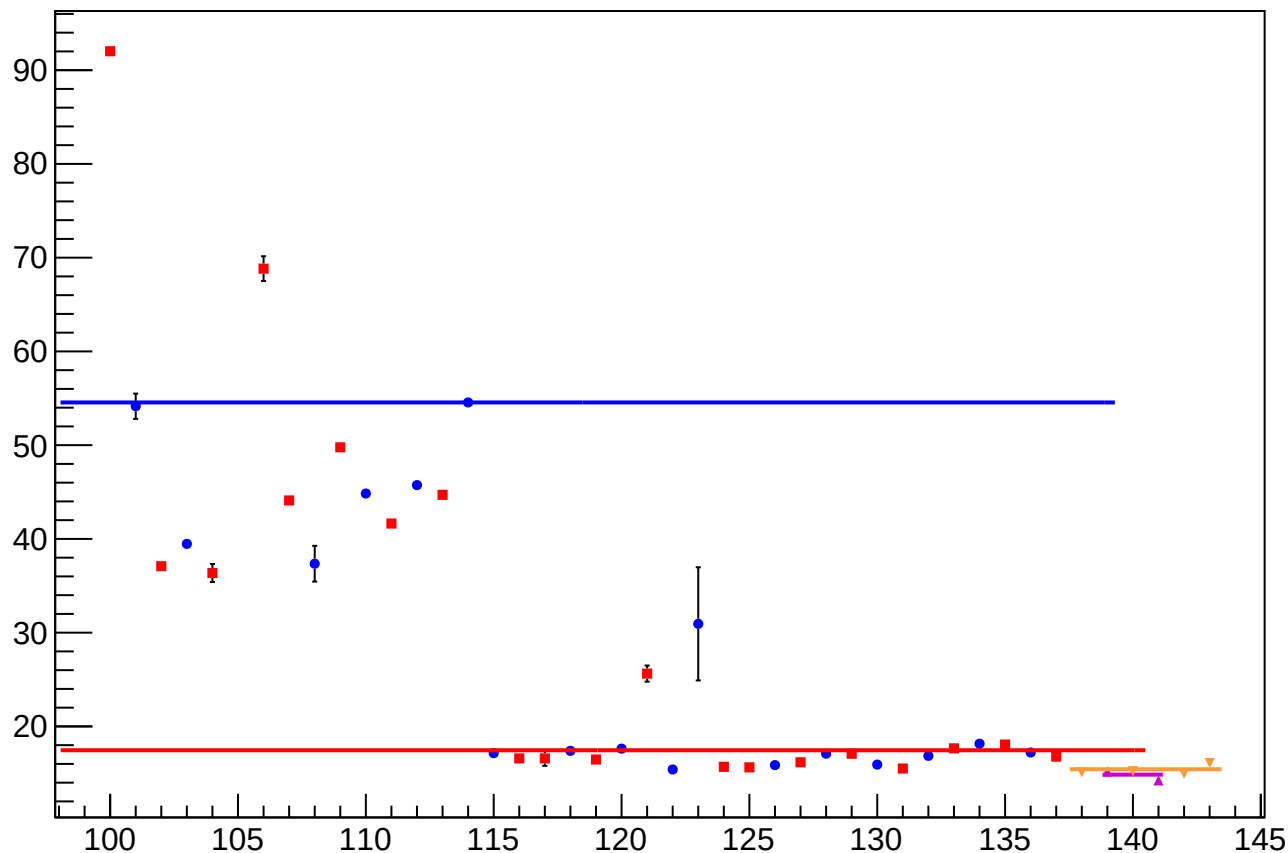
Right Out: 3.123 ± 0.000 χ^2/NDF : 514000.0/19

Left In: 0.580 ± 0.005 χ^2/NDF : 1396.7/1

1.930 ± 0.000 χ^2/NDF : 109491.3/20

3.123 ± 0.000 χ^2/NDF : 793559.5/21

dit_sam2_4aY_slope vs Slug



Right In: 54.556 ± 0.000 χ^2/NDF : 7238433.0/16

Left Out: 15.428 ± 0.017 χ^2/NDF : 630.5/3

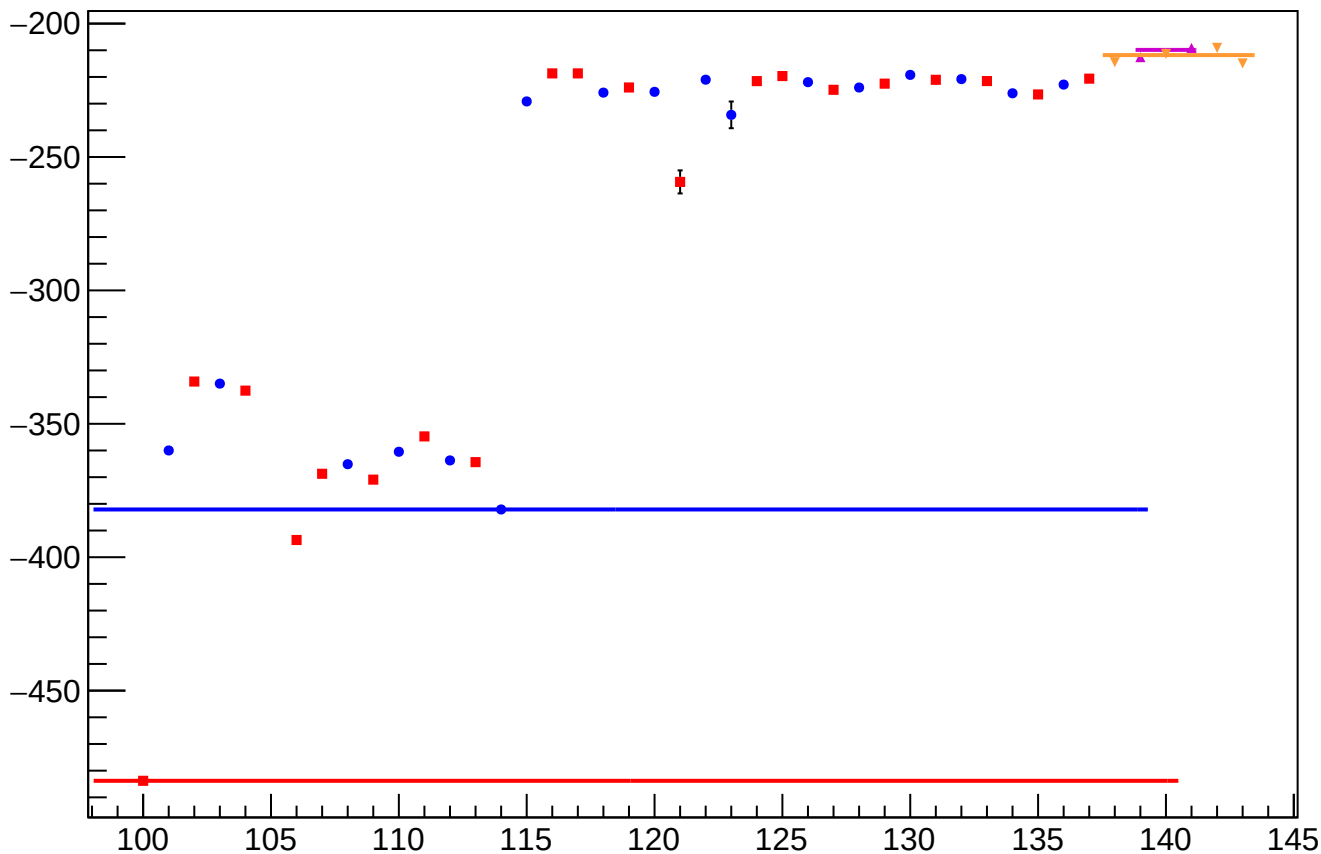
Right Out: 17.458 ± 0.018 χ^2/NDF : 99309.7/19

Left In: 14.854 ± 0.023 χ^2/NDF : 383.1/1

54.556 ± 0.000 χ^2/NDF : 12296993.5/20

16.464 ± 0.014 χ^2/NDF : 107436.4/21

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 χ^2/NDF : 18398024.3/16

Left Out: -211.808 ± 0.040 χ^2/NDF : 3353.3/3

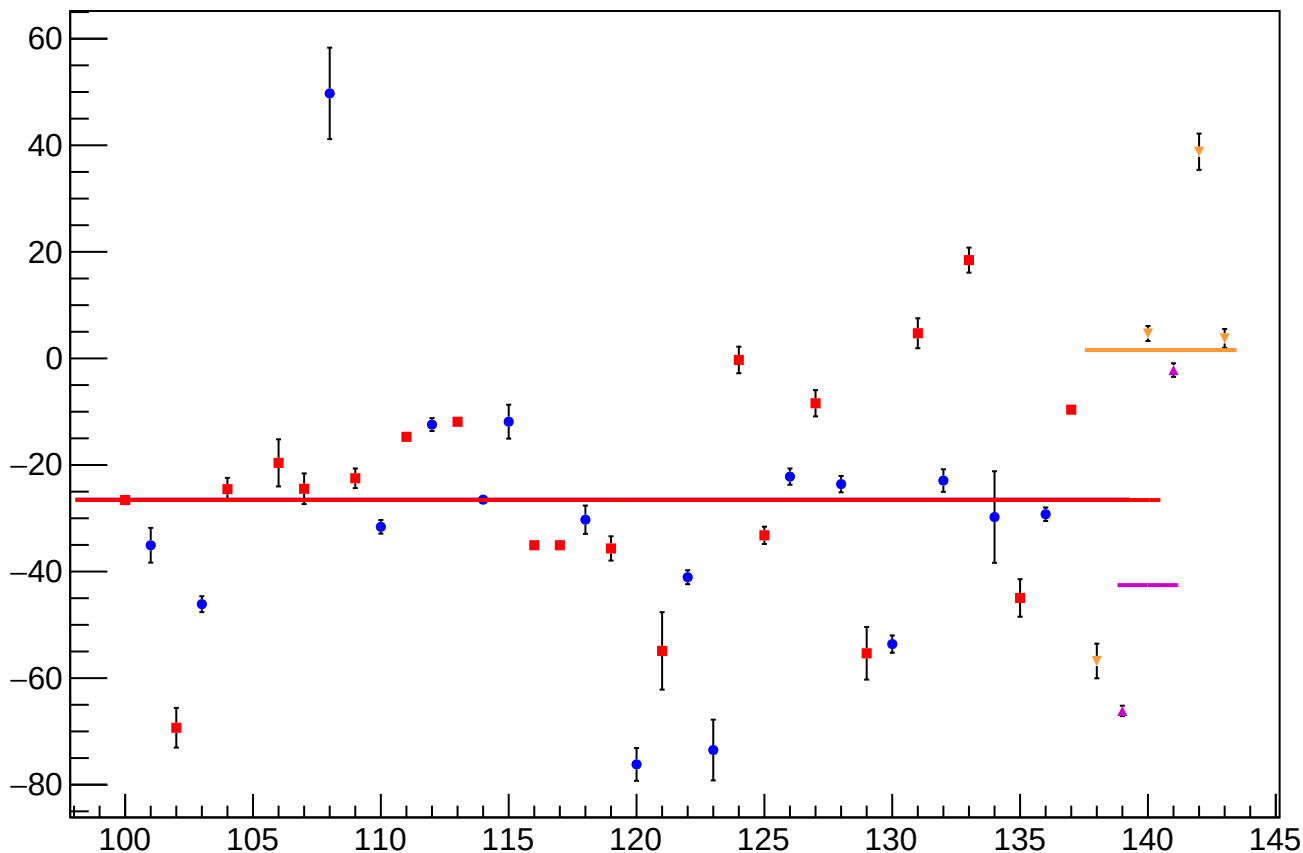
Right Out: -483.800 ± 0.000 χ^2/NDF : 24385317.4/19

Left In: -209.857 ± 0.043 χ^2/NDF : 1068.7/1

-382.108 ± 0.000 χ^2/NDF : 36331445.3/20

-483.800 ± 0.000 χ^2/NDF : 64142320.3/21

dit_sam3_4aX_slope vs Slug



Right In: -26.504 $\pm$ 0.000 χ^2 /NDF: 1180.7/16

Left Out: 1.565 $\pm$ 0.997 χ^2 /NDF:448.1/3

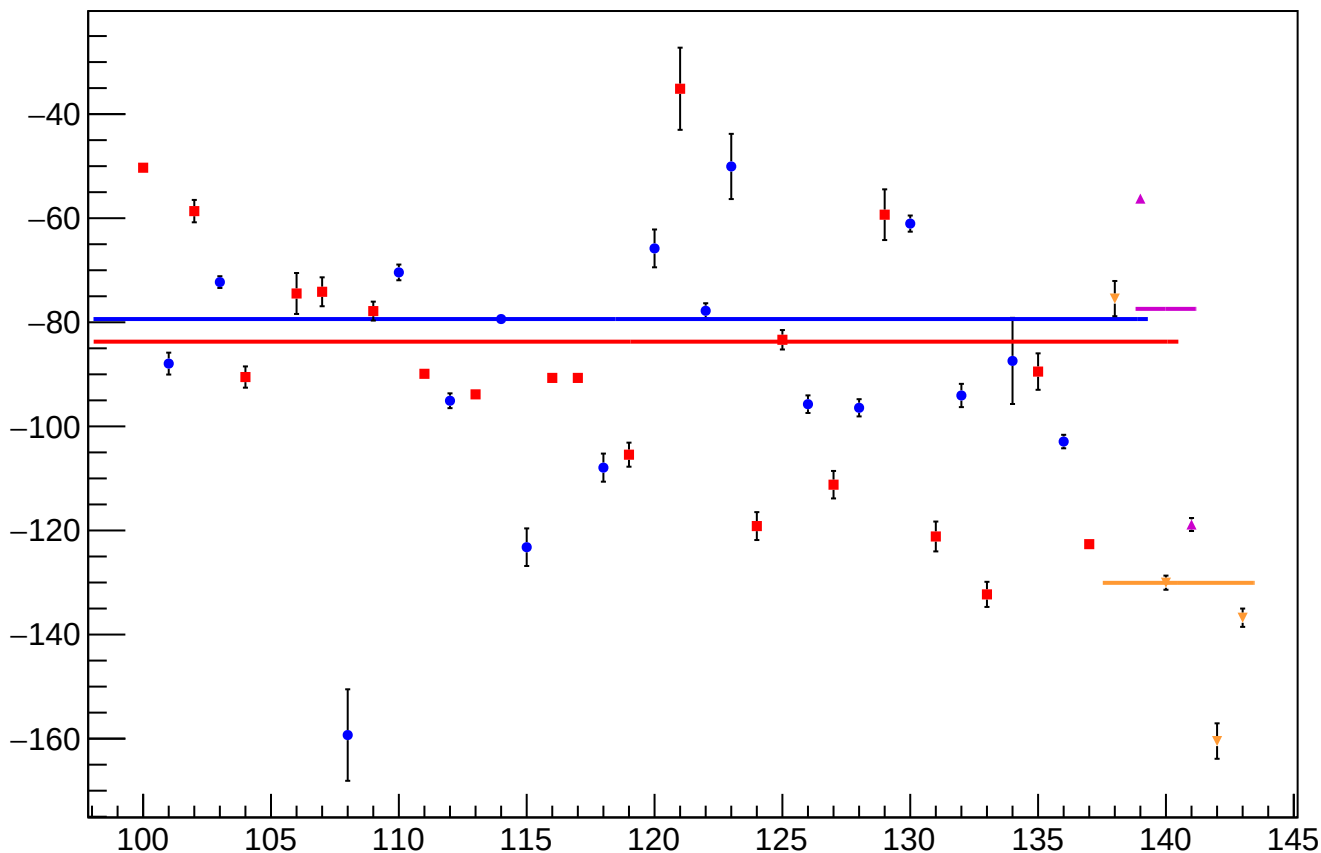
Right Out: -26.577 $\pm$ 0.000 χ^2 /NDF: 2754.8/19

Left In: -42.545 $\pm$ 0.777 χ^2 /NDF:1579.6/1

-26.504 $\pm$ 0.000 χ^2 /NDF: 2421.7/20

-26.577 $\pm$ 0.000 χ^2 /NDF: 4757.1/21

dit_sam3_4eX_slope vs Slug



Right In: -79.376 $\pm$ 0.000 χ^2 /NDF: 1304.6/16

Left Out: -130.062 $\pm$ 0.982 χ^2 /NDF: 354.6/3

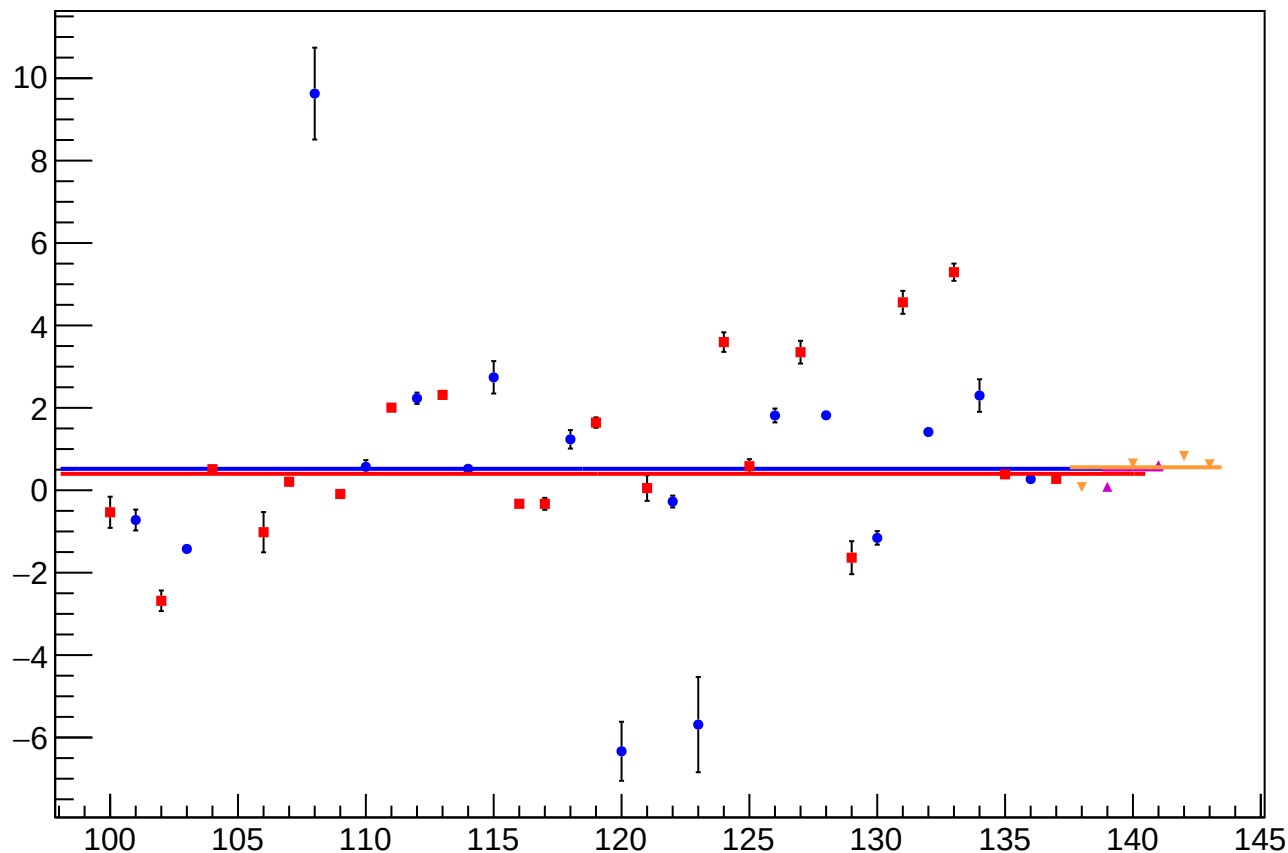
Right Out: -83.721 $\pm$ 0.171 χ^2 /NDF: 12064.6/19

Left In: -77.421 $\pm$ 0.726 χ^2 /NDF: 1663.9/1

-79.376 $\pm$ 0.000 χ^2 /NDF: 4325.1/20

-83.392 $\pm$ 0.166 χ^2 /NDF: 13799.9/21

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.558+/-0.007 χ^2/NDF : 979.2/3

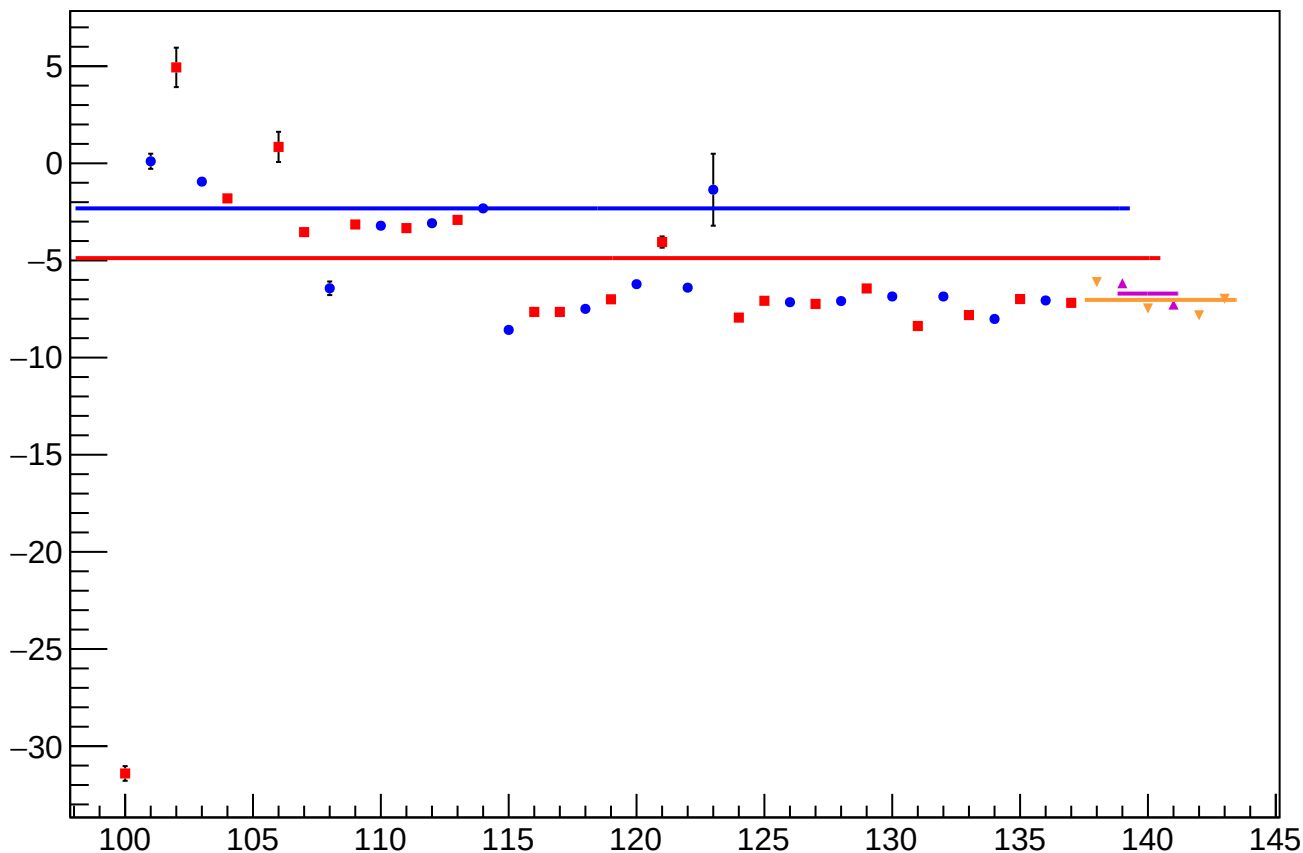
Right Out: 0.399+/-0.011 χ^2/NDF : 2752.7/19

Left In: 0.505+/-0.004 χ^2/NDF : 2614.9/1

0.521+/-0.000 χ^2/NDF : 4376.4/20

0.492+/-0.004 χ^2/NDF : 5451.3/21

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 $\chi^2/\text{NDF}: 270771.9/16$

Left Out: -7.030 ± 0.016 $\chi^2/\text{NDF}: 1092.0/3$

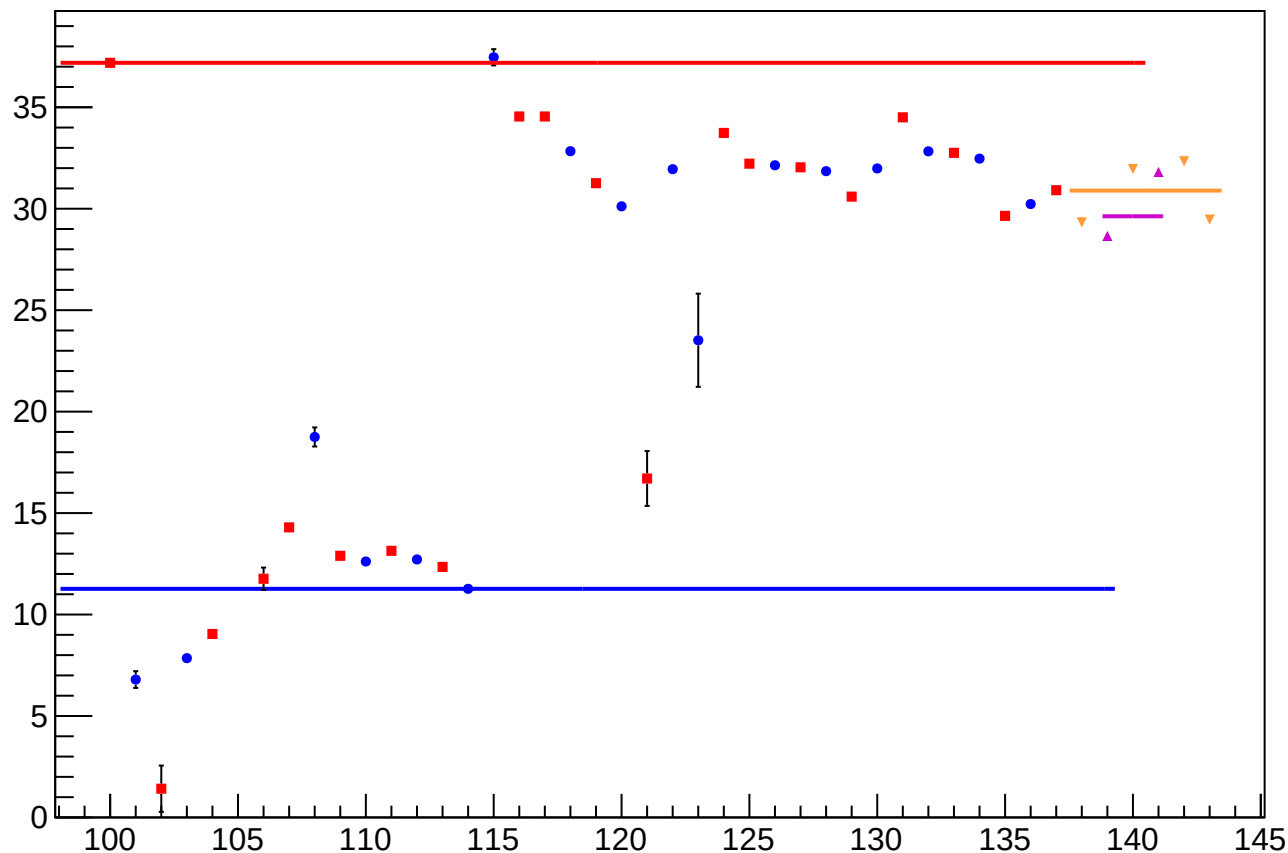
Right Out: -4.879 ± 0.010 $\chi^2/\text{NDF}: 49767.2/19$

Left In: -6.705 ± 0.013 $\chi^2/\text{NDF}: 1917.3/1$

-2.320 ± 0.000 $\chi^2/\text{NDF}: 355870.3/20$

-5.613 ± 0.008 $\chi^2/\text{NDF}: 64376.0/21$

dit_sam3_4eY_slope vs Slug



Right In: 11.268 ± 0.000 χ^2/NDF : 958029.3/16

Left Out: 30.896 ± 0.035 χ^2/NDF : 1391.9/3

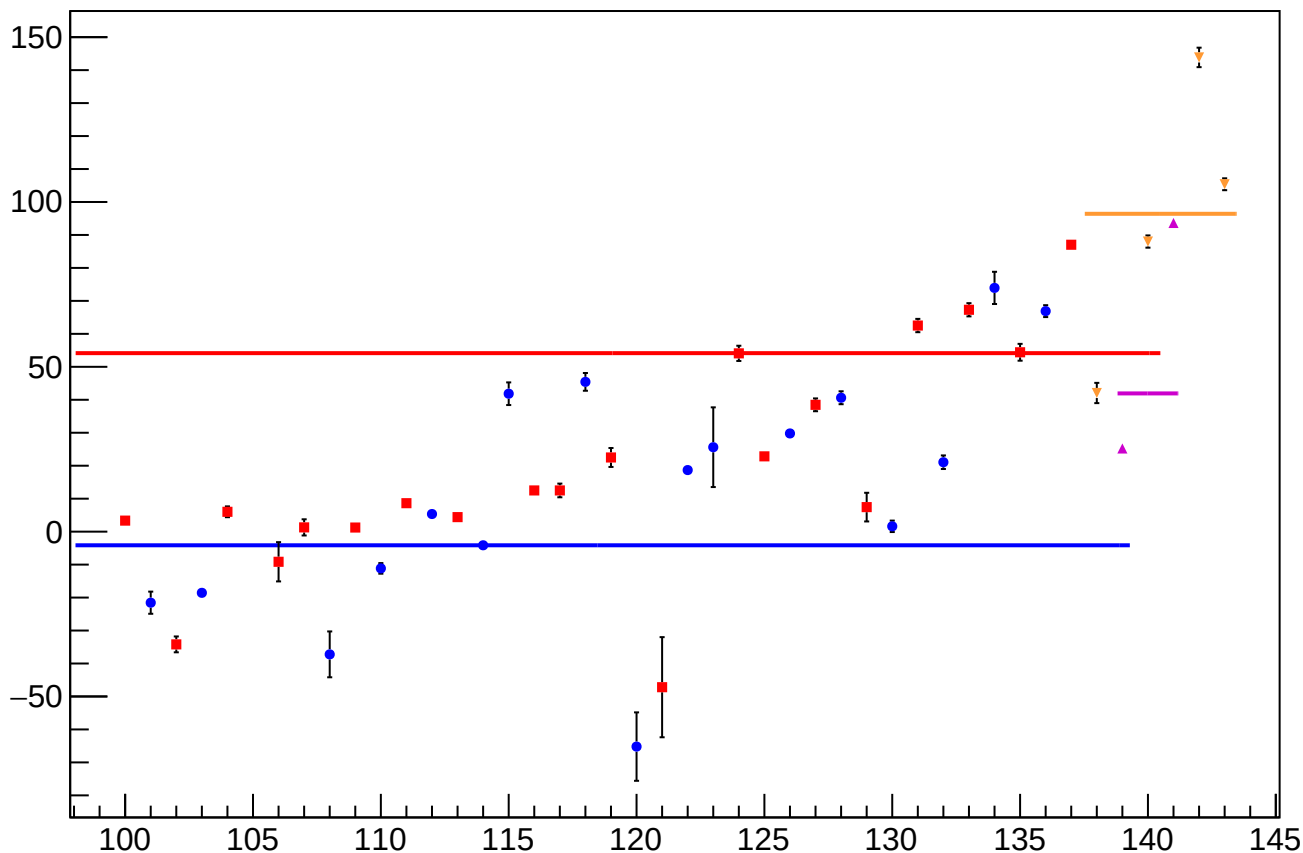
Right Out: 37.191 ± 0.000 χ^2/NDF : 1122069.8/19

Left In: 29.628 ± 0.039 χ^2/NDF : 1403.4/1

11.268 ± 0.000 χ^2/NDF : 1274172.3/20

37.191 ± 0.000 χ^2/NDF : 1161356.8/21

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 96.416 ± 1.106 χ^2/NDF : 616.1/3

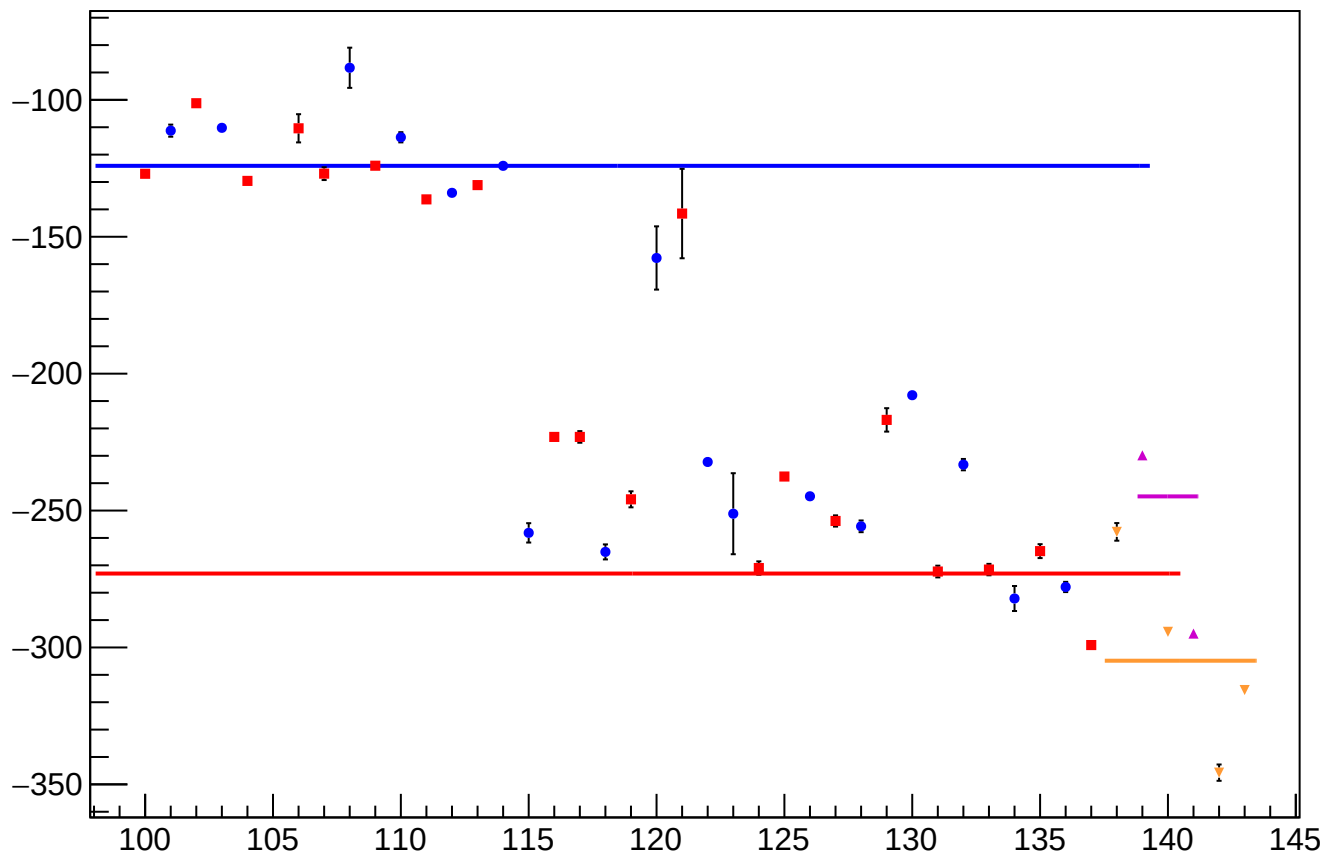
Right Out: 54.147 ± 0.170 χ^2/NDF : 54404.1/19

Left In: 41.930 ± 0.634 χ^2/NDF : 2145.2/1

-4.139 ± 0.000 χ^2/NDF : 13538.1/20

53.331 ± 0.164 χ^2/NDF : 56895.3/21

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -304.840 ± 1.102 χ^2/NDF : 471.6/3

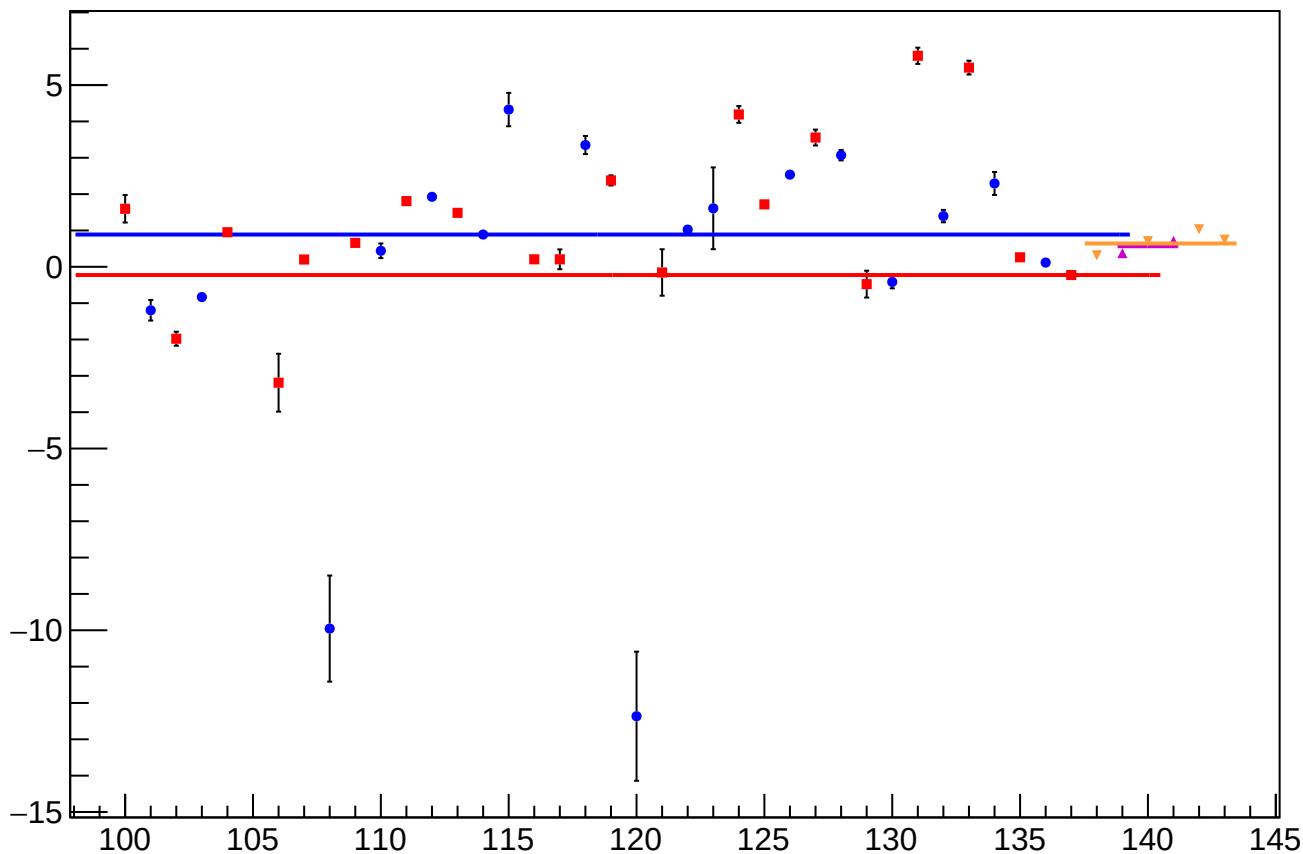
Right Out: -273.002 ± 0.113 χ^2/NDF : 280698.3/19

Left In: -244.826 ± 0.597 χ^2/NDF : 2109.3/1

-124.095 ± 0.000 χ^2/NDF : 65529.6/20

-272.035 ± 0.111 χ^2/NDF : 284958.6/21

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 $\pm$ 0.000 χ^2 /NDF: 8672.0/16

Left Out: 0.642 $\pm$ 0.008 χ^2 /NDF:969.2/3

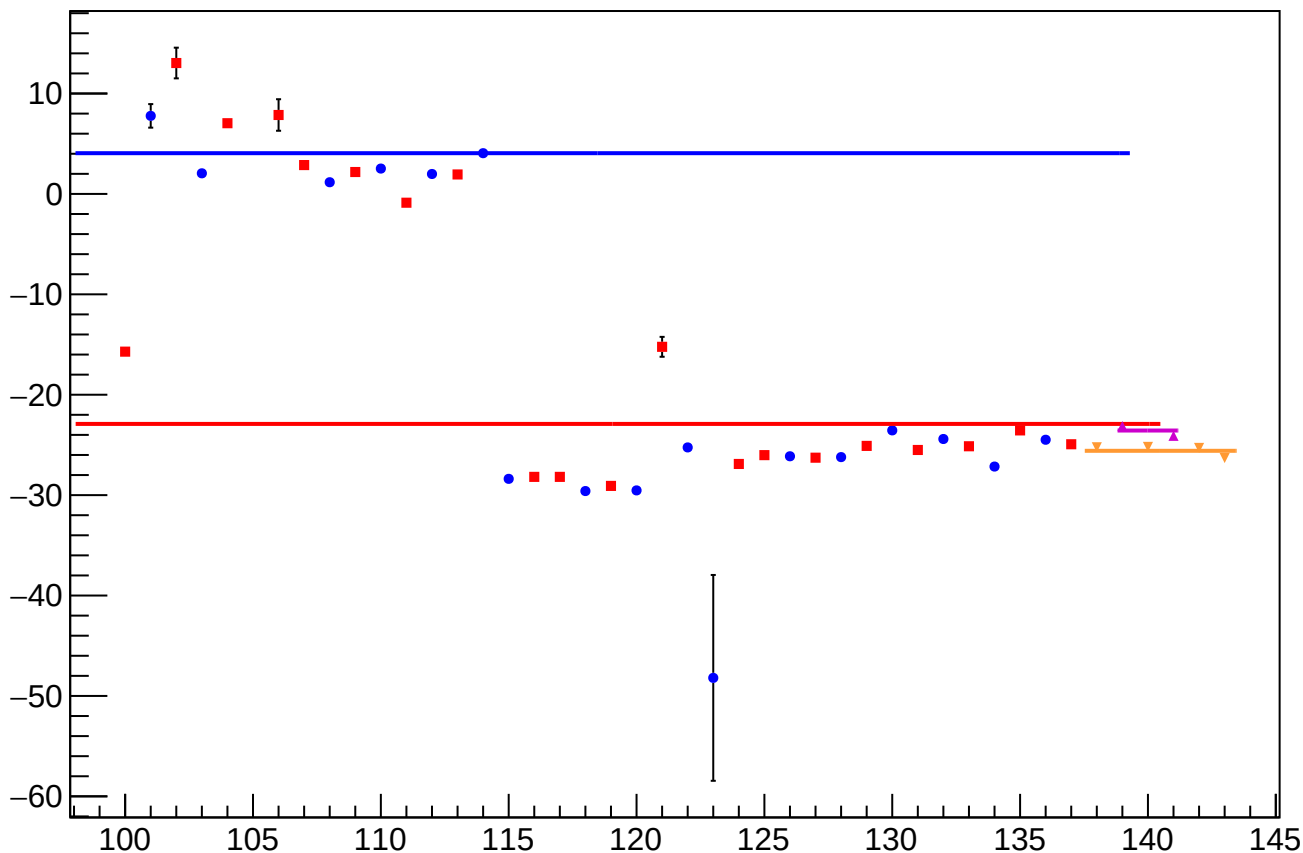
Right Out: -0.226 $\pm$ 0.000 χ^2 /NDF: 5033.6/19

Left In: 0.566 $\pm$ 0.008 χ^2 /NDF:458.1/1

0.888 $\pm$ 0.000 χ^2 /NDF: 10657.9/20

-0.226 $\pm$ 0.000 χ^2 /NDF: 15634.5/21

dit_sam4_4aY_slope vs Slug



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -25.585+/-0.047 χ^2/NDF : 107.0/3

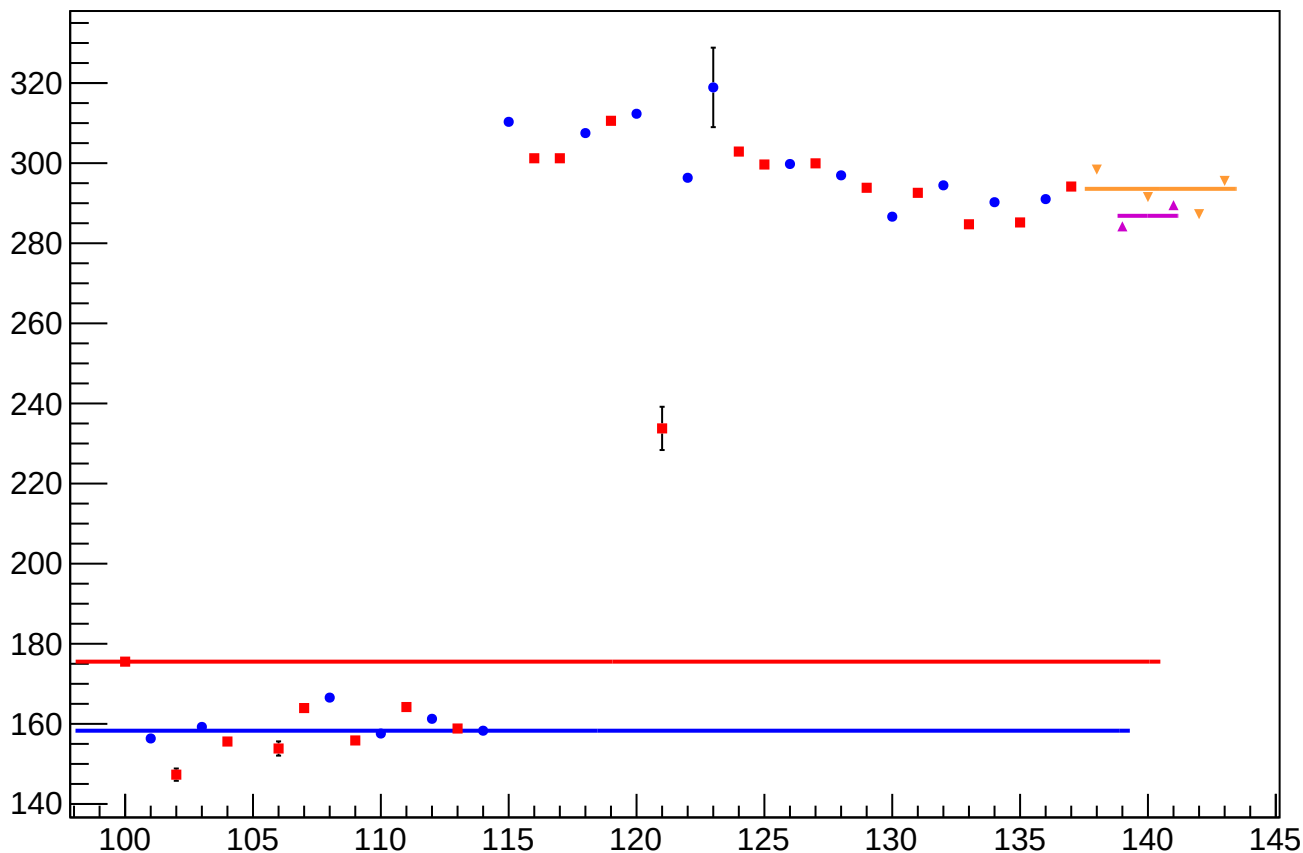
Right Out: -22.907+/-0.026 χ^2/NDF : 116676.9/19

Left In: -23.565+/-0.062 χ^2/NDF : 61.2/1

4.057+/-0.000 χ^2/NDF : 1645757.9/20

-23.007+/-0.024 χ^2/NDF : 116834.0/21

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 293.588+/-0.092 χ^2/NDF :1853.4/3

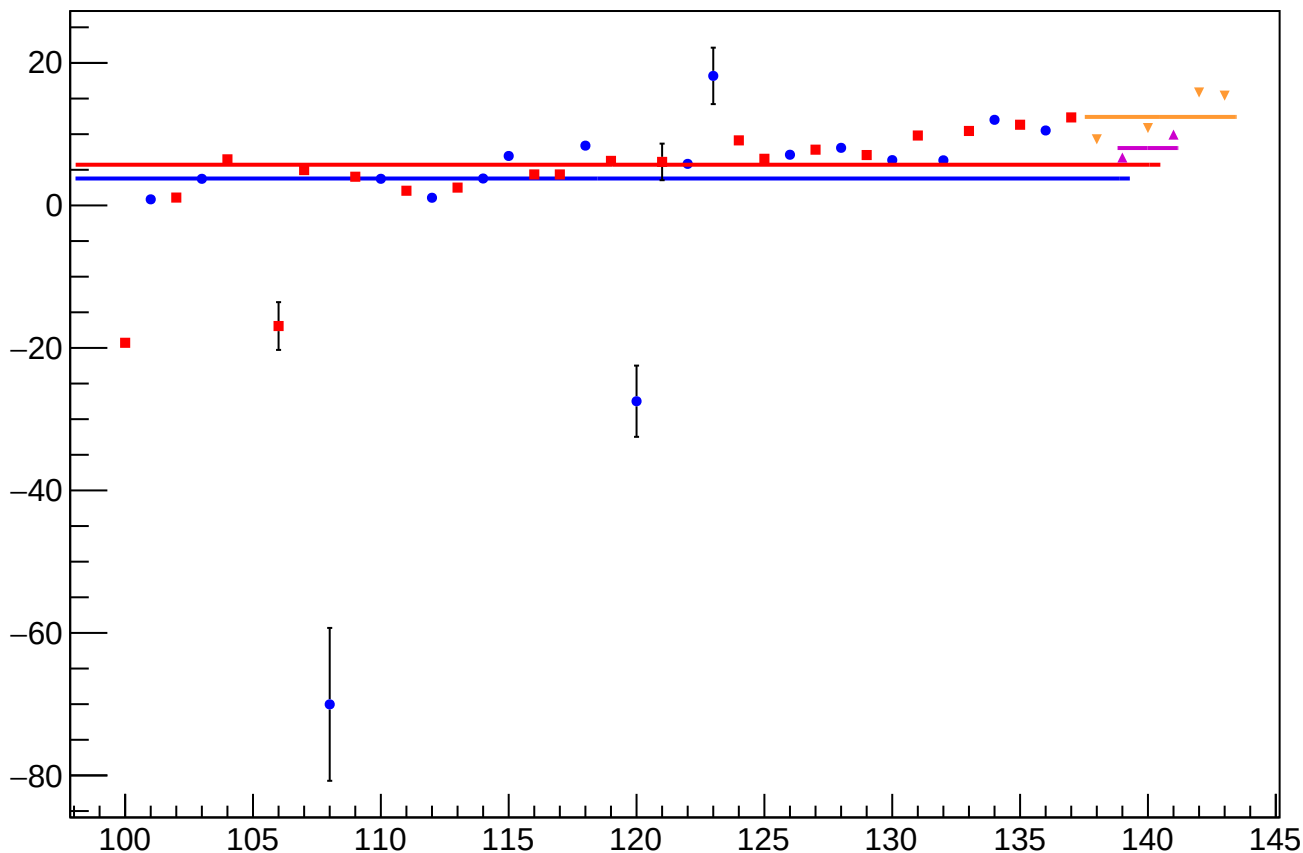
158.293+/-0.000 χ^2/NDF : 4568414.7/20

Right Out: 175.536+/-0.000 χ^2/NDF : 2132280.4/19

175.536+/-0.000 χ^2/NDF : 2466706.3/21

Left In: 286.852+/-0.193 χ^2/NDF :189.1/1

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 12.424 ± 0.124 χ^2/NDF : 412.8/3

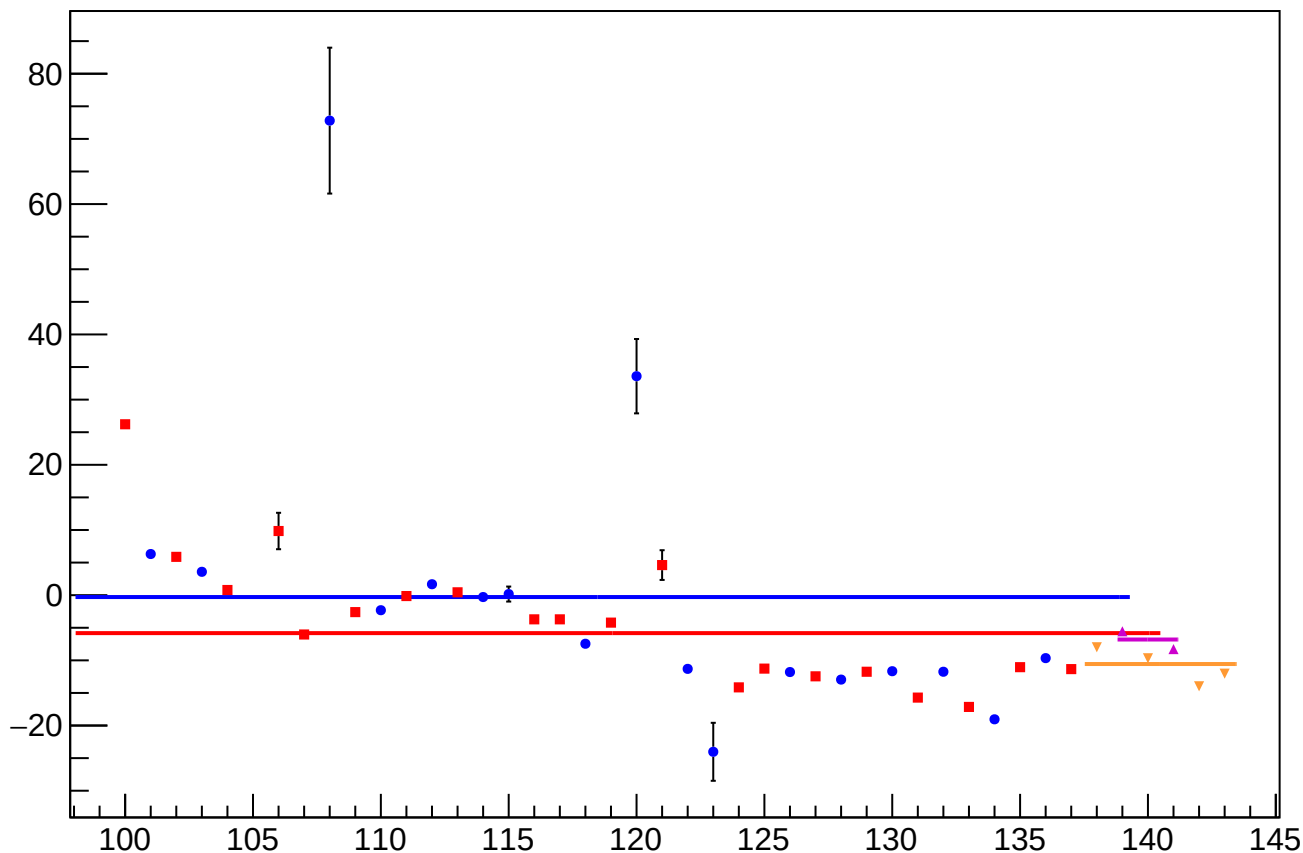
Right Out: 5.713 ± 0.025 χ^2/NDF : 22382.6/19

Left In: 8.055 ± 0.067 χ^2/NDF : 564.2/1

3.778 ± 0.000 χ^2/NDF : 12155.3/20

6.008 ± 0.024 χ^2/NDF : 24020.3/21

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -10.563 ± 0.124 χ^2/NDF : 203.7/3

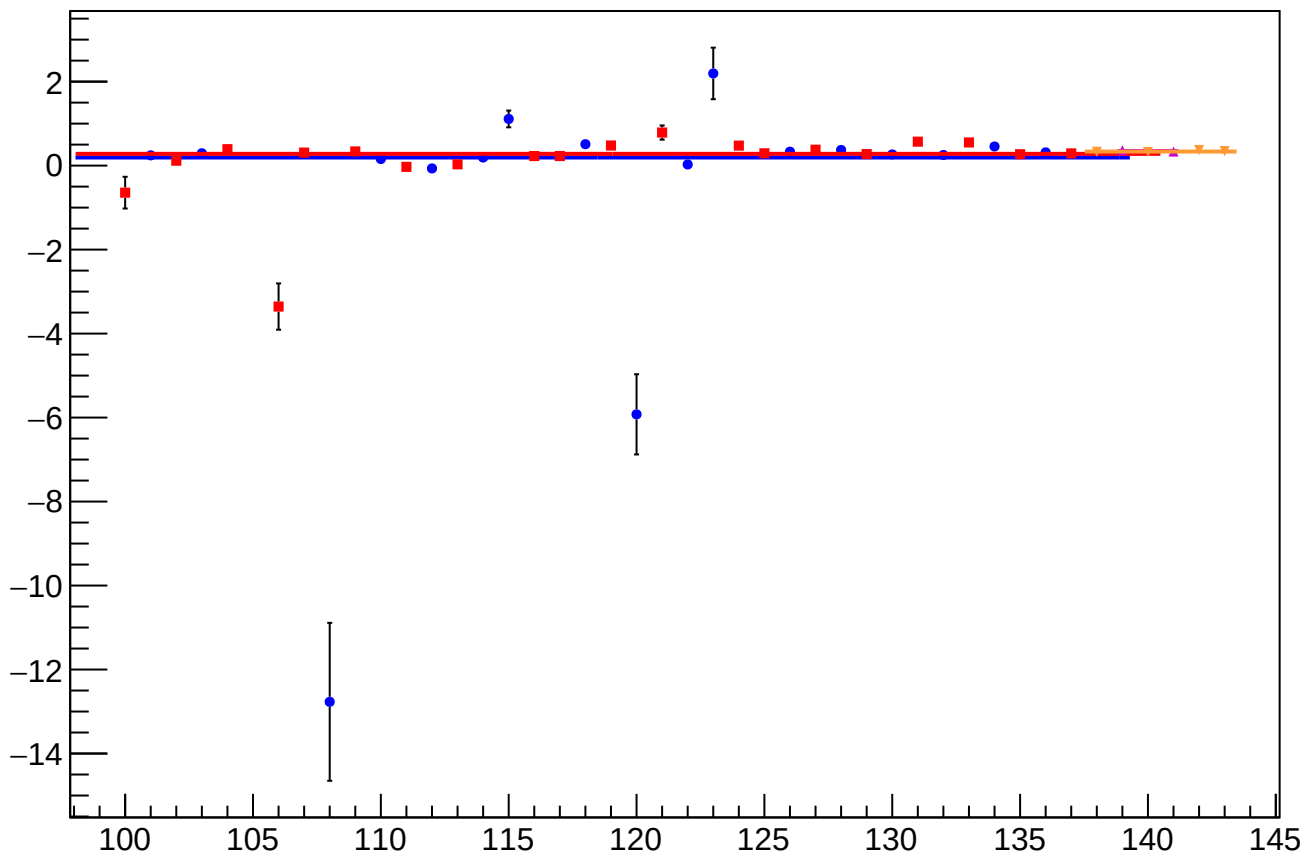
Right Out: -5.821 ± 0.027 χ^2/NDF : 63671.7/19

Left In: -6.803 ± 0.072 χ^2/NDF : 356.9/1

-0.287 ± 0.000 χ^2/NDF : 51308.7/20

-5.941 ± 0.025 χ^2/NDF : 64191.8/21

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.335 $\pm$ 0.001 χ^2 /NDF: 79.5/3

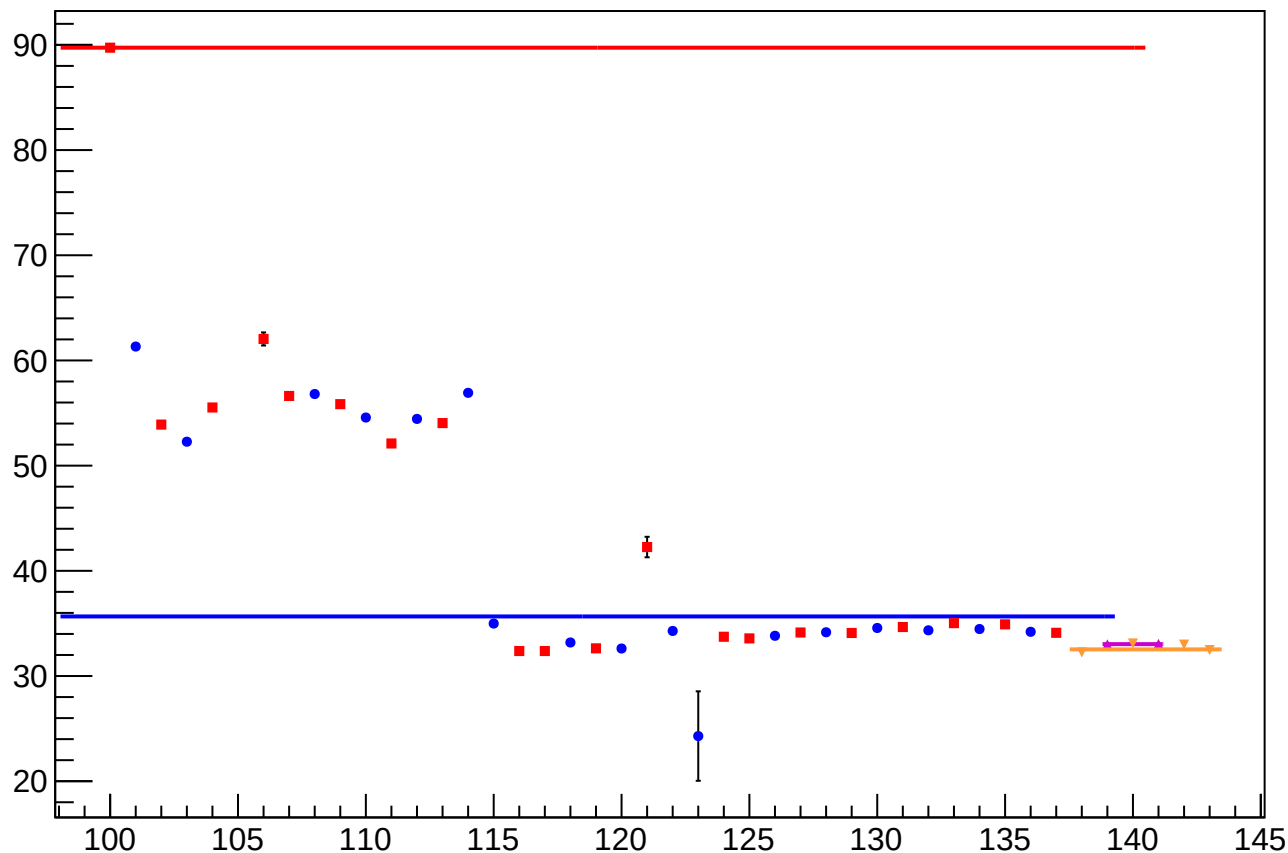
Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6070.3/19

Left In: 0.348 $\pm$ 0.004 χ^2 /NDF: 13.7/1

0.193 $\pm$ 0.000 χ^2 /NDF: 23600.2/20

0.289 $\pm$ 0.001 χ^2 /NDF: 6354.2/21

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.532 $\pm$ 0.015 χ^2 /NDF: 449.6/3

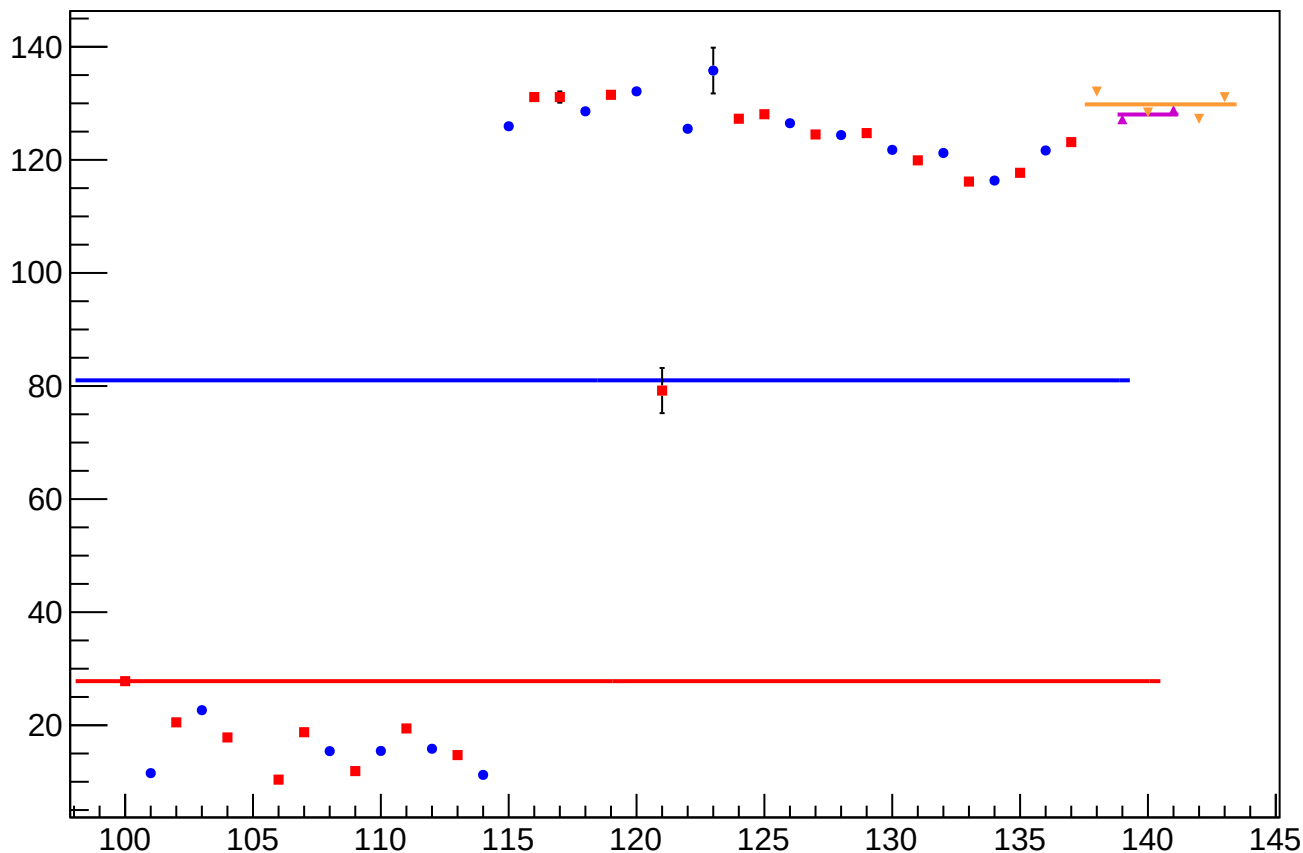
Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25816138.7/19

Left In: 33.031 $\pm$ 0.021 χ^2 /NDF: 1.0/1

34.497 $\pm$ 0.009 χ^2 /NDF: 247399.3/20

89.735 $\pm$ 0.000 χ^2 /NDF: 33033642.0/21

dit_sam5_4eY_slope vs Slug



Right In: 81.005+/-0.035 χ^2 /NDF: 2228881.4/16

Left Out: 129.820+/-0.037 χ^2 /NDF: 2885.8/3

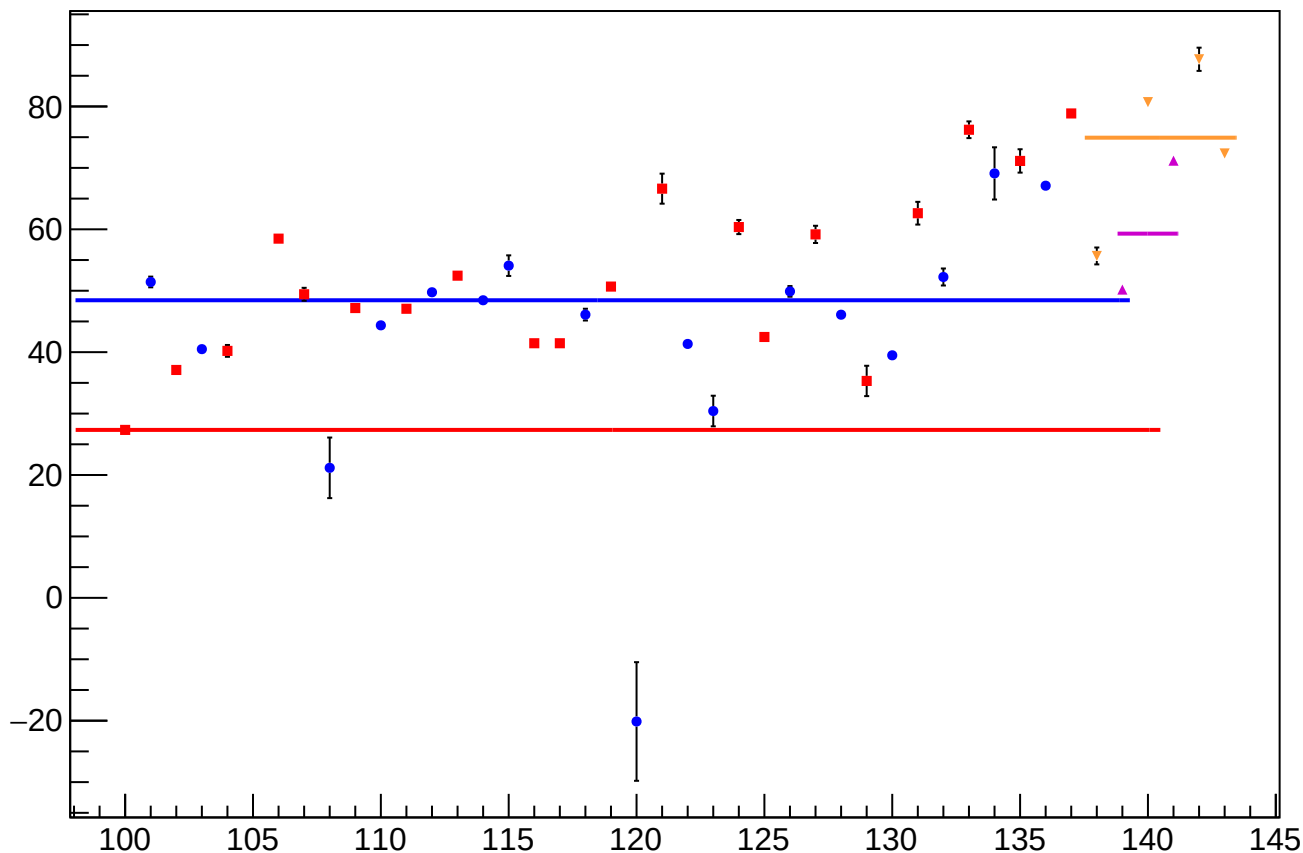
Right Out: 27.798+/-0.000 χ^2 /NDF: 9194619.1/19

Left In: 128.026+/-0.068 χ^2 /NDF: 143.6/1

103.689+/-0.025 χ^2 /NDF: 3160370.5/20

27.798+/-0.000 χ^2 /NDF: 11385840.1/21

dit_sam6_4aX_slope vs Slug



Right In: 48.450 ± 0.000 χ^2/NDF : 2751.4/16

Left Out: 74.919 ± 0.485 χ^2/NDF : 314.2/3

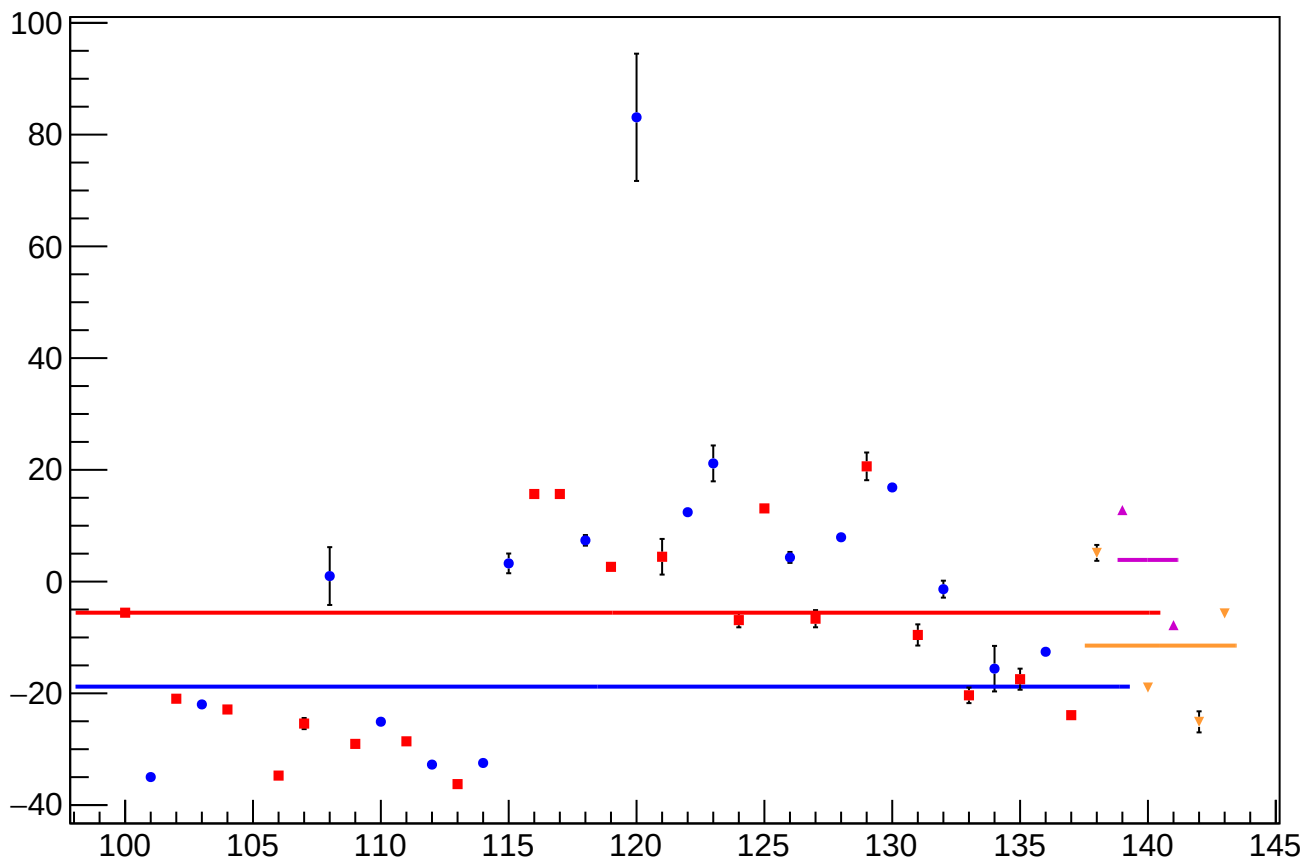
Right Out: 27.342 ± 0.000 χ^2/NDF : 26331.1/19

Left In: 59.295 ± 0.382 χ^2/NDF : 740.9/1

48.450 ± 0.000 χ^2/NDF : 6048.1/20

27.342 ± 0.000 χ^2/NDF : 34064.8/21

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -11.457 ± 0.486 χ^2/NDF : 345.9/3

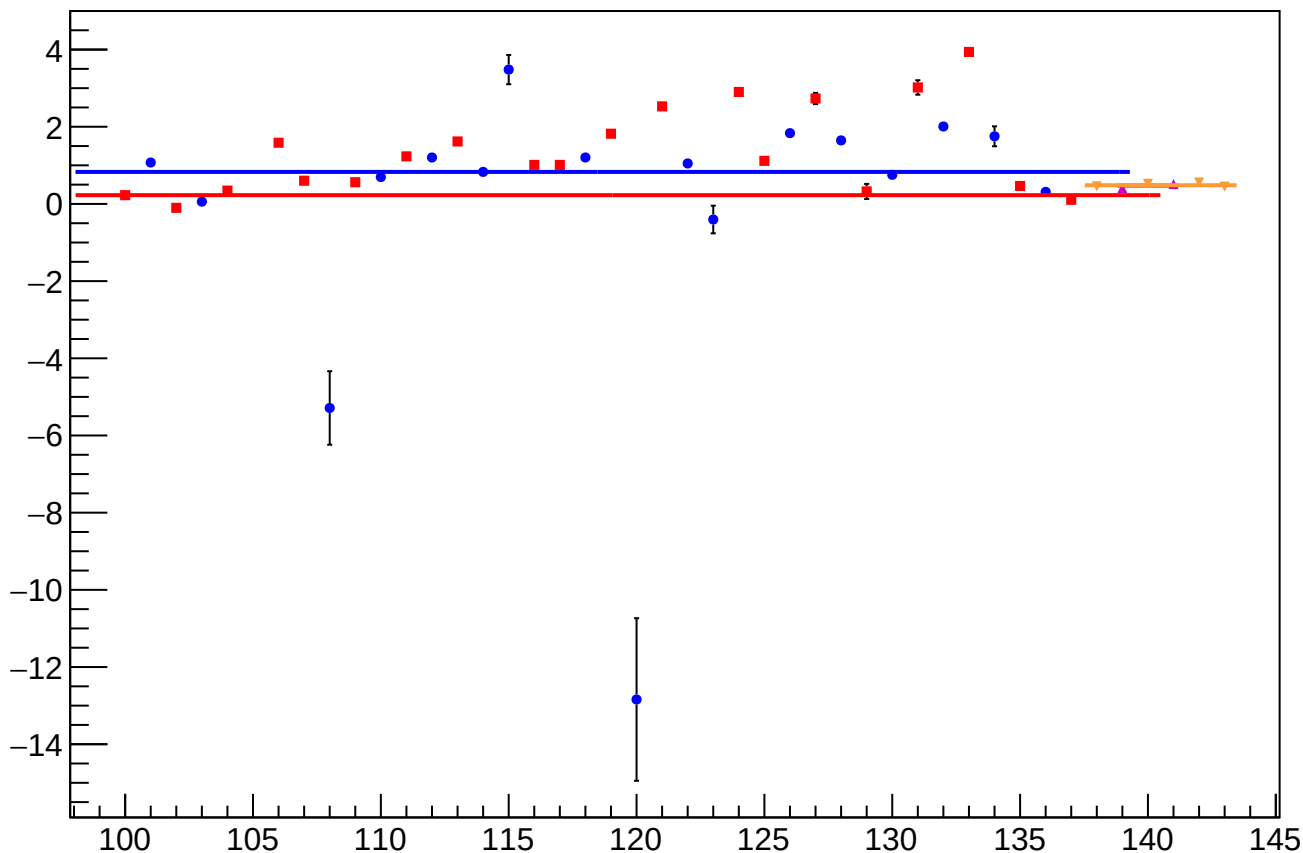
Right Out: -5.568 ± 0.000 χ^2/NDF : 24057.5/19

Left In: 3.880 ± 0.372 χ^2/NDF : 753.2/1

-18.174 ± 0.142 χ^2/NDF : 12319.3/20

-5.568 ± 0.000 χ^2/NDF : 25456.3/21

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.485 ± 0.003 χ^2/NDF : 202.8/3

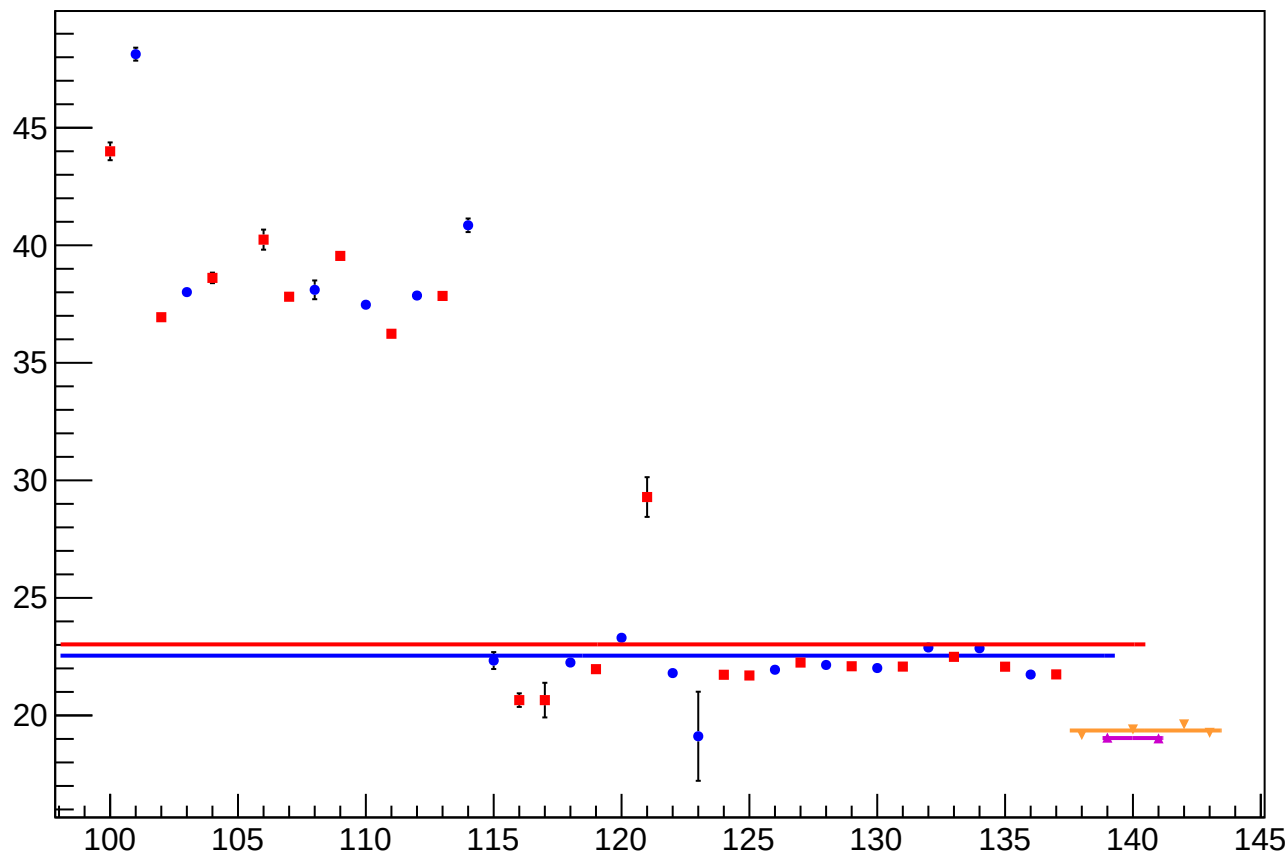
Right Out: 0.227 ± 0.000 χ^2/NDF : 12548.7/19

Left In: 0.475 ± 0.003 χ^2/NDF : 241.3/1

0.830 ± 0.000 χ^2/NDF : 30127.3/20

0.227 ± 0.000 χ^2/NDF : 18473.1/21

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 19.359 $\pm$ 0.013 χ^2 /NDF:134.7/3

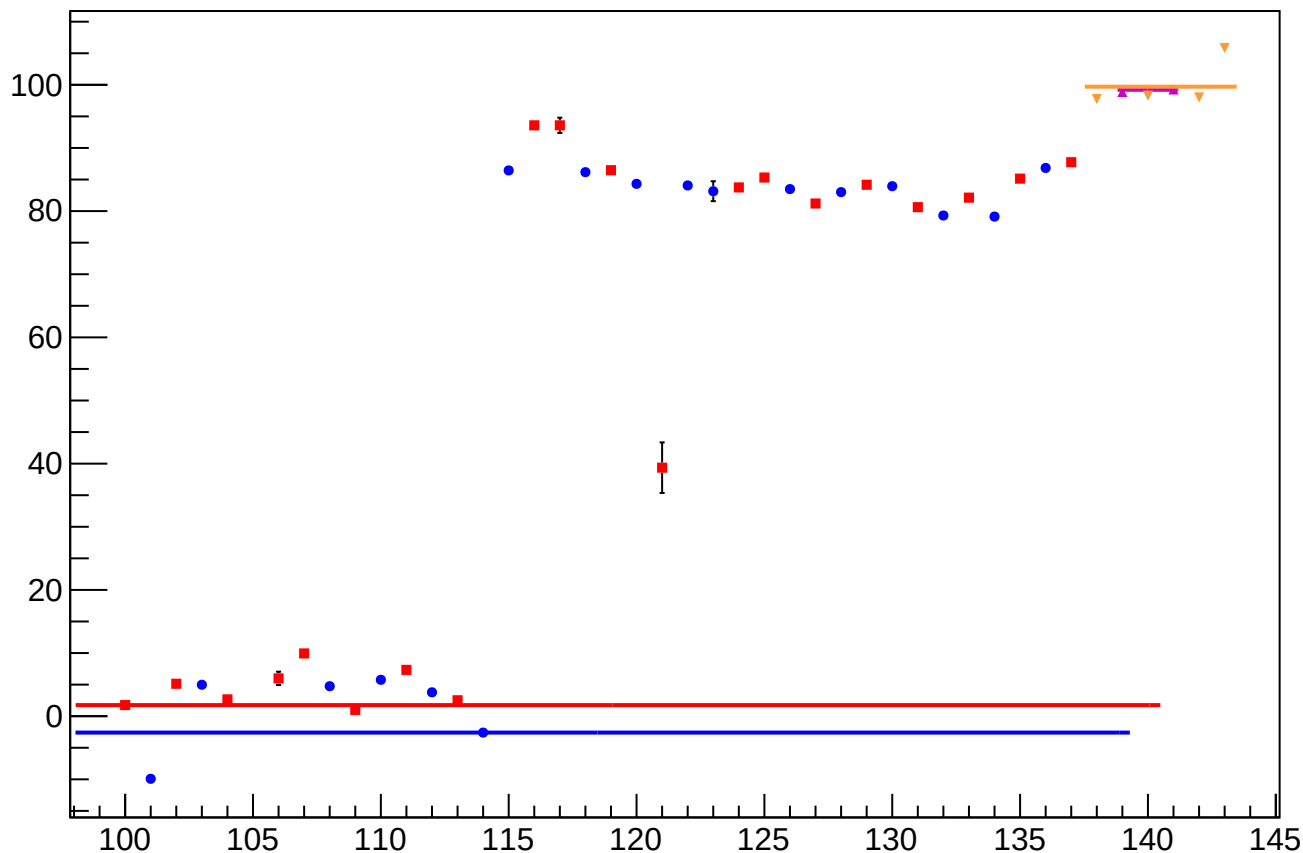
Right Out: 23.022 $\pm$ 0.009 χ^2 /NDF: 165848.3/19

Left In: 19.038 $\pm$ 0.016 χ^2 /NDF:0.9/1

21.414 $\pm$ 0.007 χ^2 /NDF: 147064.0/20

22.088 $\pm$ 0.008 χ^2 /NDF: 211343.8/21

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.706+/-0.030 χ^2/NDF :11203.6/3

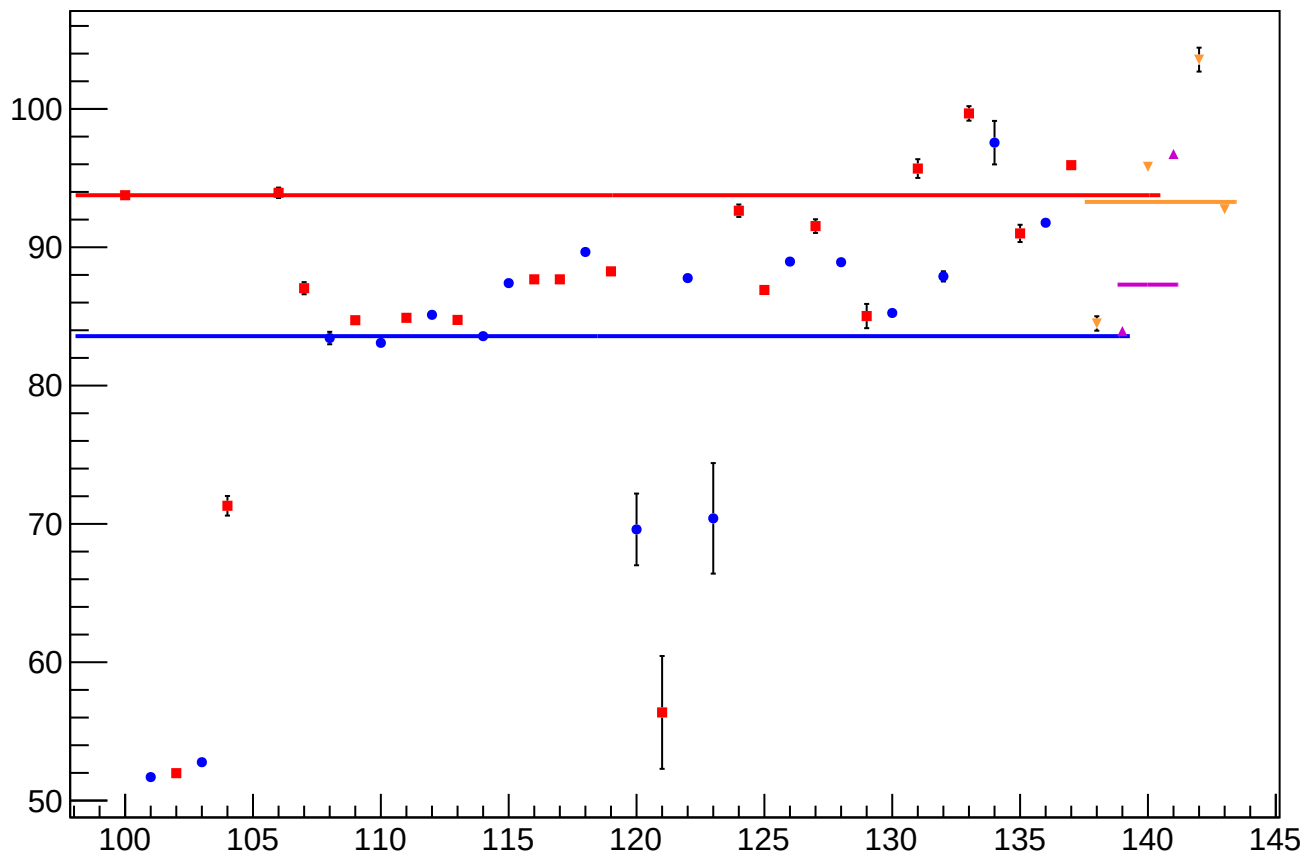
Right Out: 1.758+/-0.000 χ^2/NDF : 4236707.9/19

Left In: 99.216+/-0.031 χ^2/NDF :19.0/1

-2.596+/-0.000 χ^2/NDF : 19012754.6/20

1.758+/-0.000 χ^2/NDF : 14157699.0/21

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 93.278 ± 0.177 $\chi^2/\text{NDF}: 499.0/3$

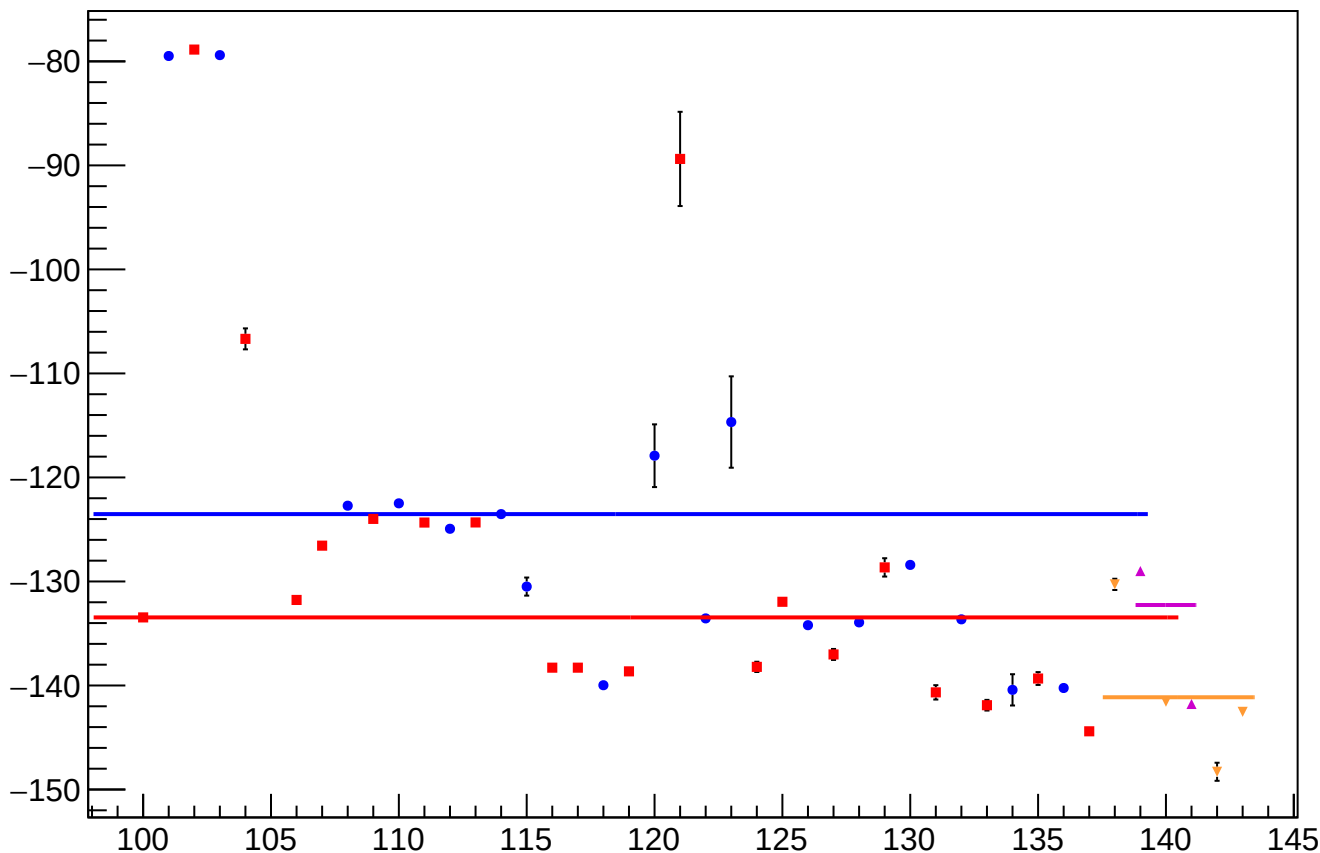
Right Out: 93.762+/-0.000 χ^2/NDF : 85273.0/19

Left In: 87.297+/-0.158 χ^2 /NDF:1272.6/1

83.573+/-0.000 χ^2/NDF : 52988.6/20

93.762+/-0.000 χ^2/NDF : 88221.9/21

dit_sam7_4eX_slope vs Slug



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -141.132+/-0.176 χ^2/NDF : 506.3/3

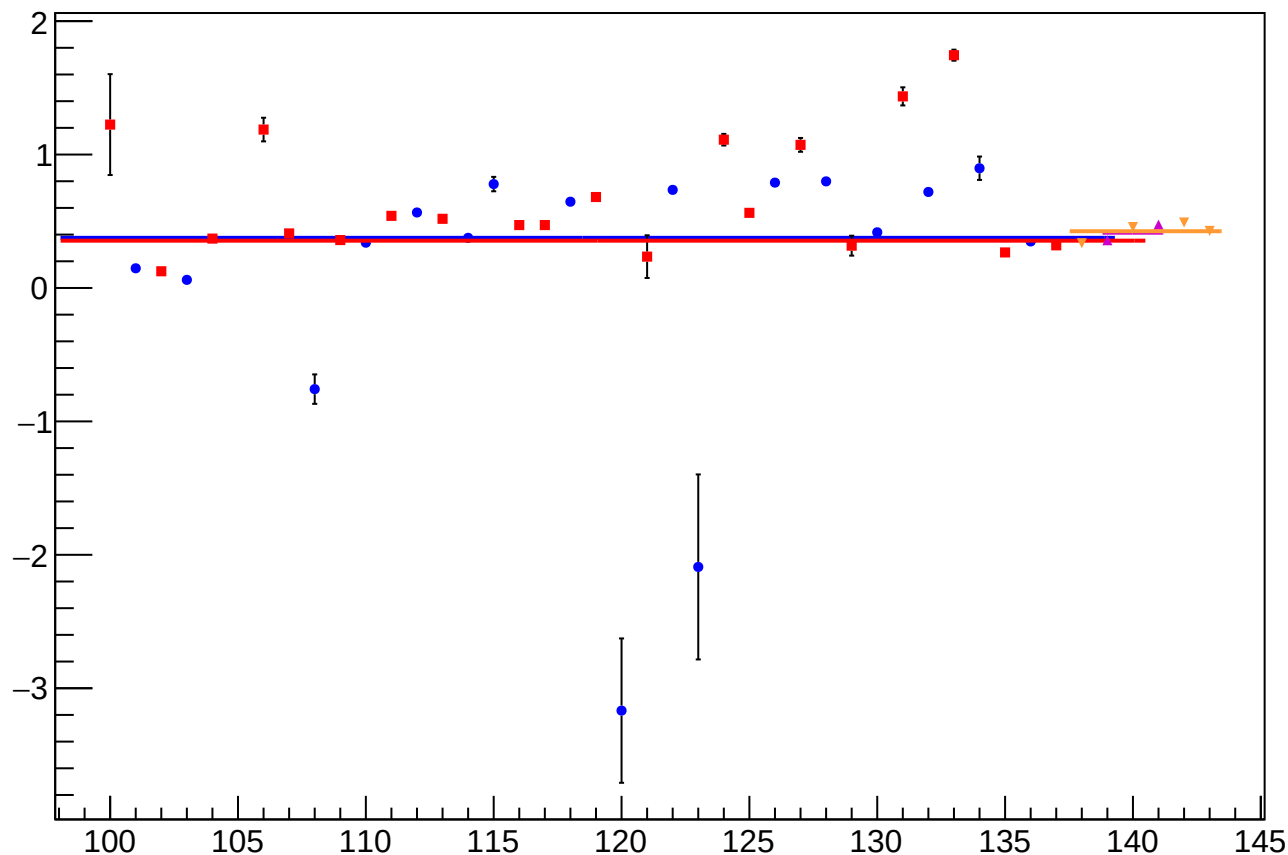
Right Out: -133.456+/-0.000 χ^2/NDF : 396347.1/19

Left In: -132.263+/-0.152 χ^2/NDF : 1340.9/1

-123.524+/-0.000 χ^2/NDF : 170884.7/20

-133.456+/-0.000 χ^2/NDF : 397749.5/21

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.425 $\pm$ 0.001 χ^2 /NDF: 635.1/3

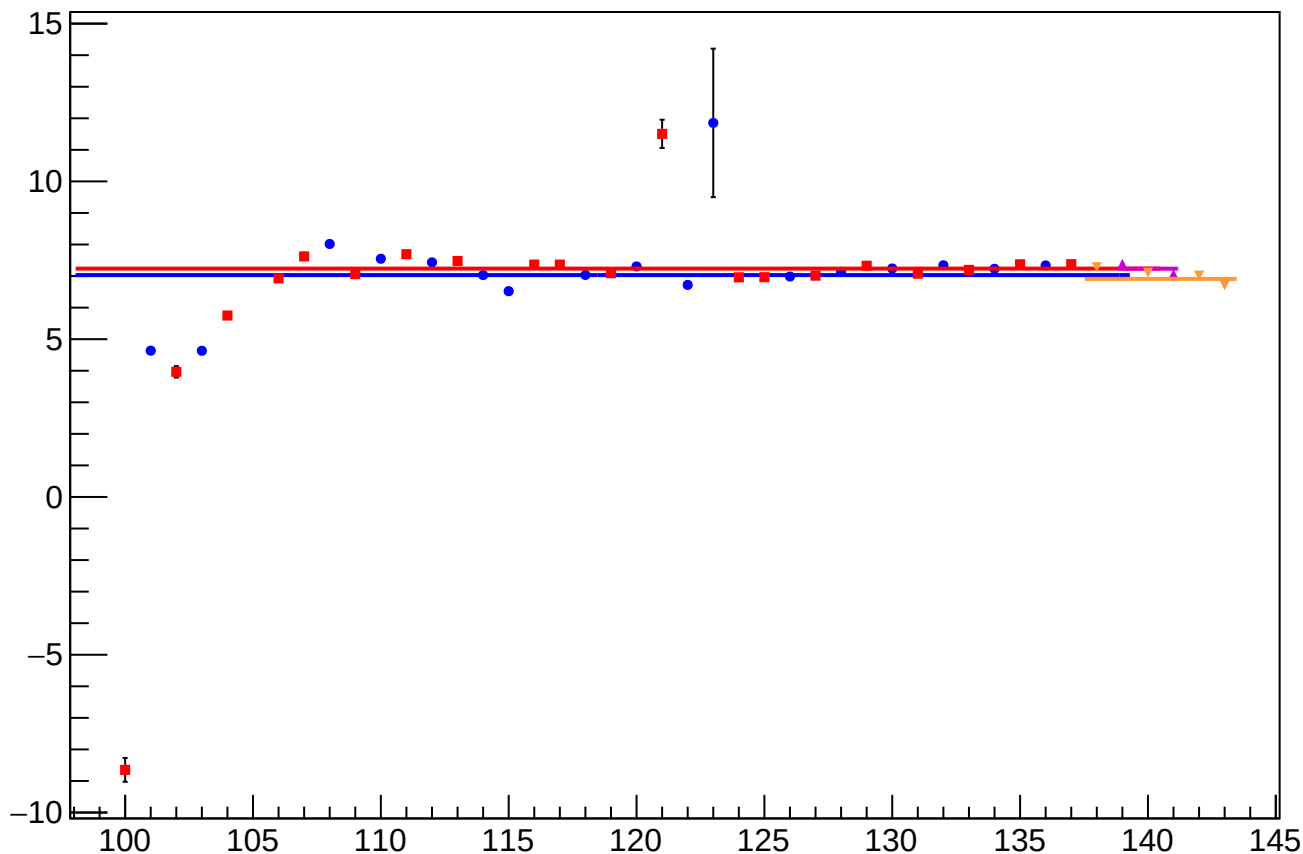
Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4618.1/19

Left In: 0.414 $\pm$ 0.001 χ^2 /NDF: 2455.7/1

0.376 $\pm$ 0.000 χ^2 /NDF: 5835.2/20

0.392 $\pm$ 0.001 χ^2 /NDF: 8052.3/21

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 6.910 $\pm$ 0.003 χ^2 /NDF: 6561.3/3

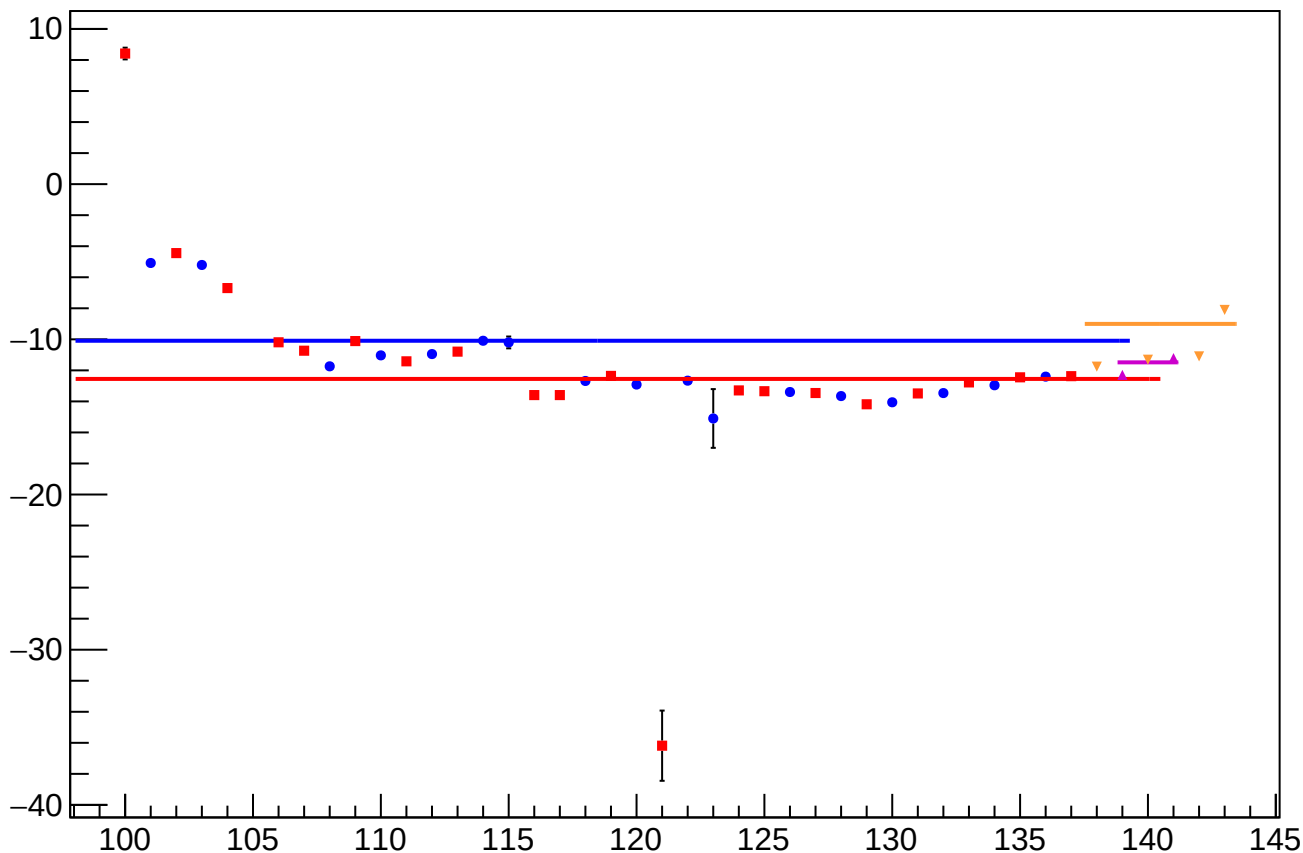
Right Out: 7.237 $\pm$ 0.002 χ^2 /NDF: 10146.4/19

Left In: 7.234 $\pm$ 0.003 χ^2 /NDF: 2658.3/1

7.032 $\pm$ 0.000 χ^2 /NDF: 27991.2/20

7.236 $\pm$ 0.002 χ^2 /NDF: 12805.2/21

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -9.006 ± 0.005 χ^2/NDF : 83218.5/3

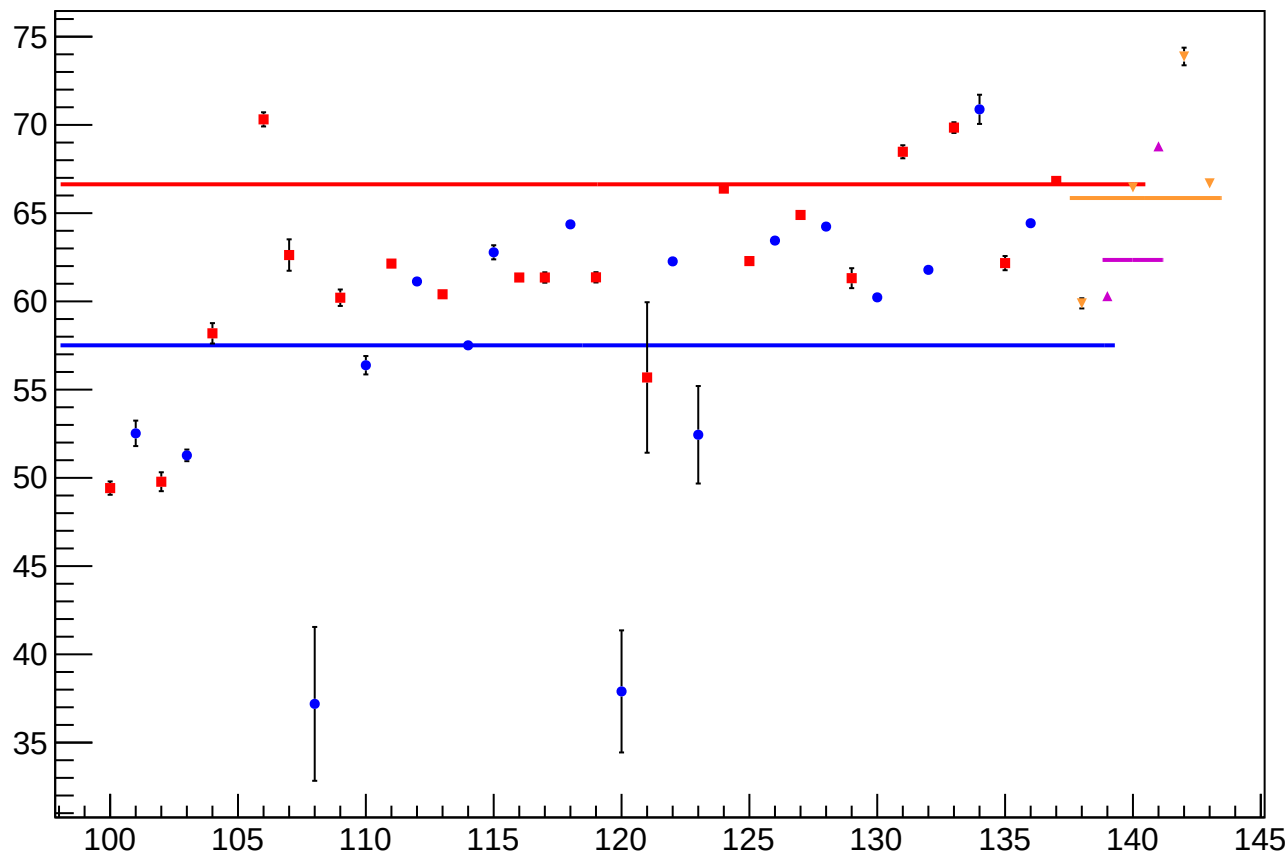
Right Out: -12.551 ± 0.004 χ^2/NDF : 106791.1/19

Left In: -11.484 ± 0.008 χ^2/NDF : 3065.5/1

-10.092 ± 0.000 χ^2/NDF : 672035.0/20

-12.383 ± 0.003 χ^2/NDF : 123158.8/21

dit_sam8_4aX_slope vs Slug



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 65.857 $\pm$ 0.121 χ^2 /NDF:716.0/3

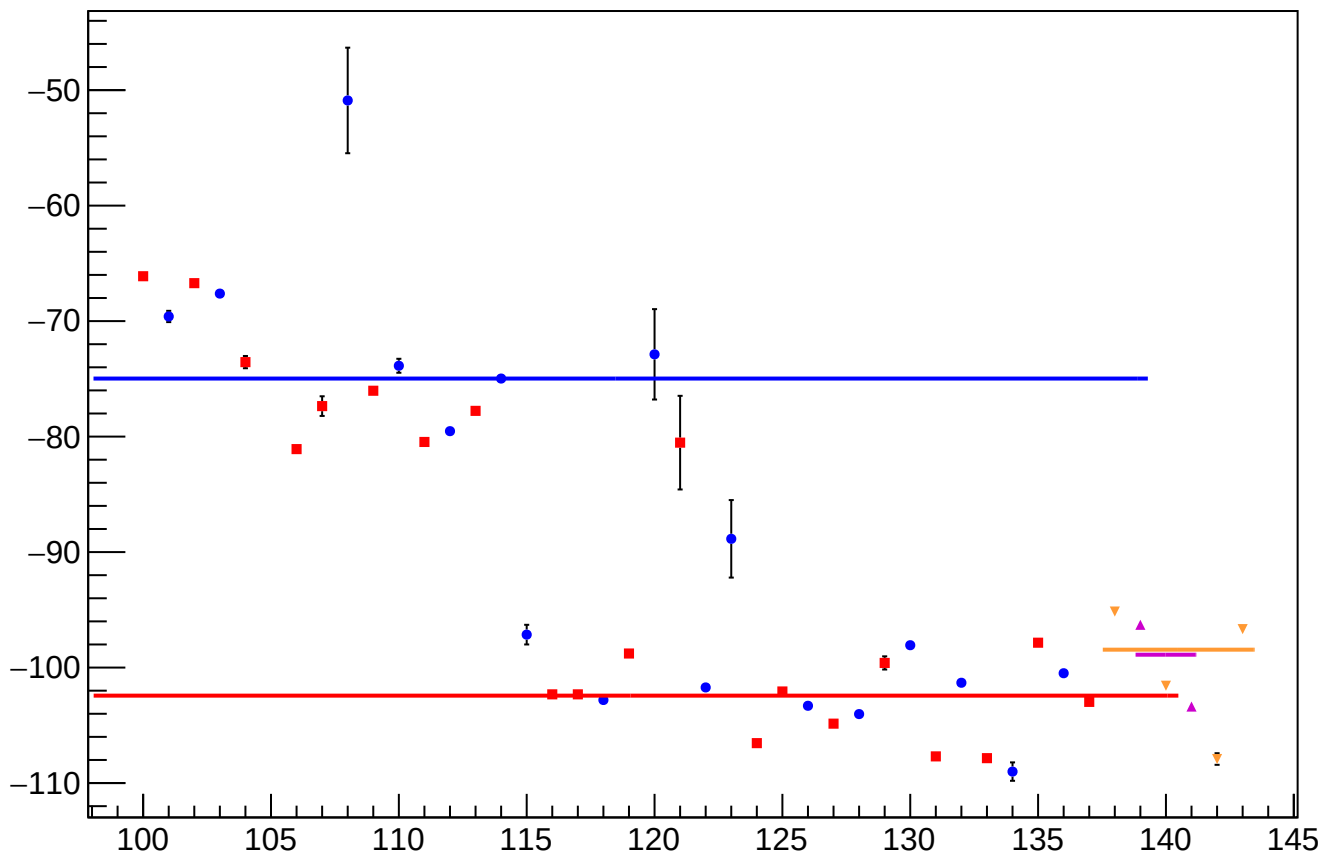
Right Out: 66.634 $\pm$ 0.013 χ^2 /NDF: 8486.4/19

Left In: 62.349 $\pm$ 0.103 χ^2 /NDF:1252.2/1

57.510 $\pm$ 0.000 χ^2 /NDF: 13602.0/20

66.566 $\pm$ 0.013 χ^2 /NDF: 11452.9/21

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 χ^2/NDF : 130544.0/16

Left Out: -98.450 ± 0.121 χ^2/NDF : 768.8/3

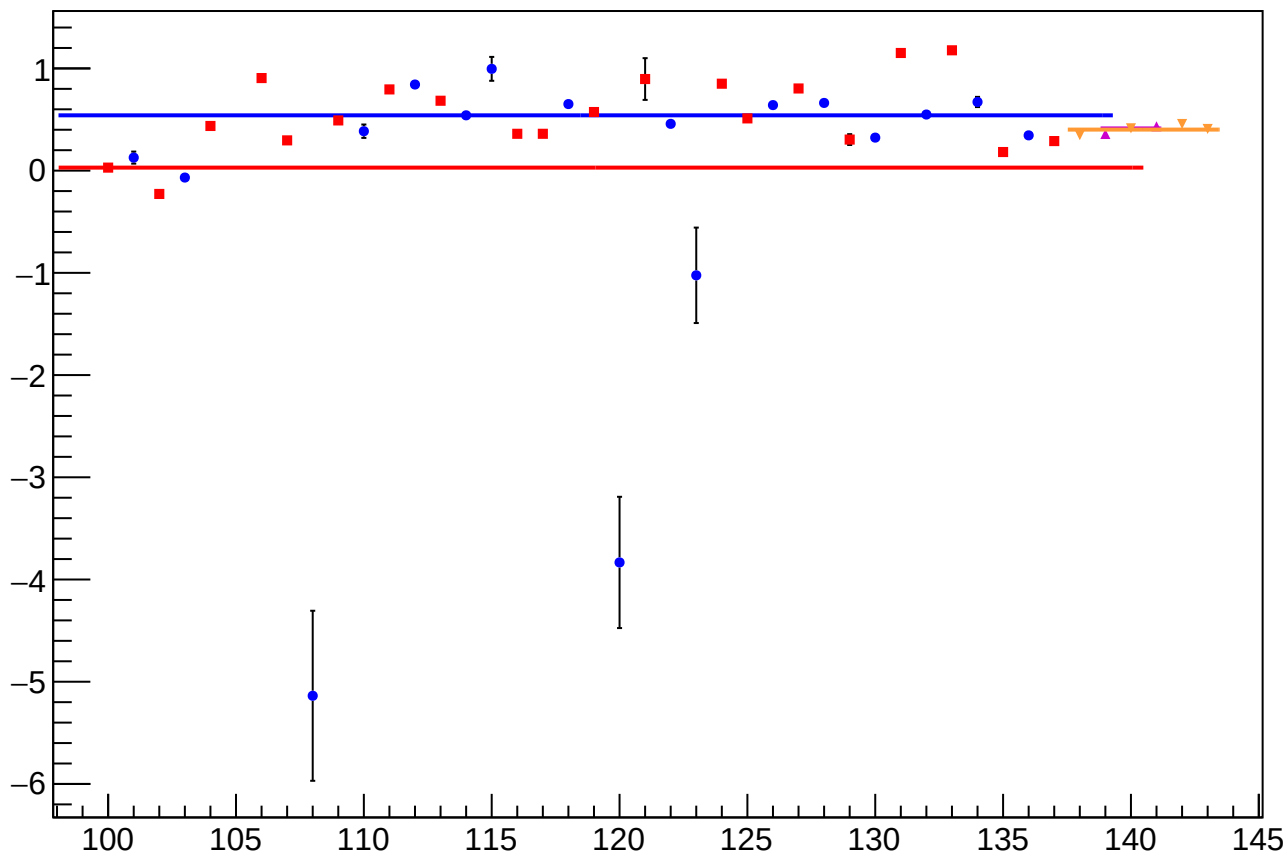
Right Out: -102.430 ± 0.018 χ^2/NDF : 50377.6/19

Left In: -98.886 ± 0.123 χ^2/NDF : 767.3/1

-74.974 ± 0.000 χ^2/NDF : 168808.7/20

-102.357 ± 0.018 χ^2/NDF : 51956.8/21

dit_sam8_11X12X_slope vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 29180.5/16

Left Out: 0.402+/-0.001 χ^2/NDF : 491.7/3

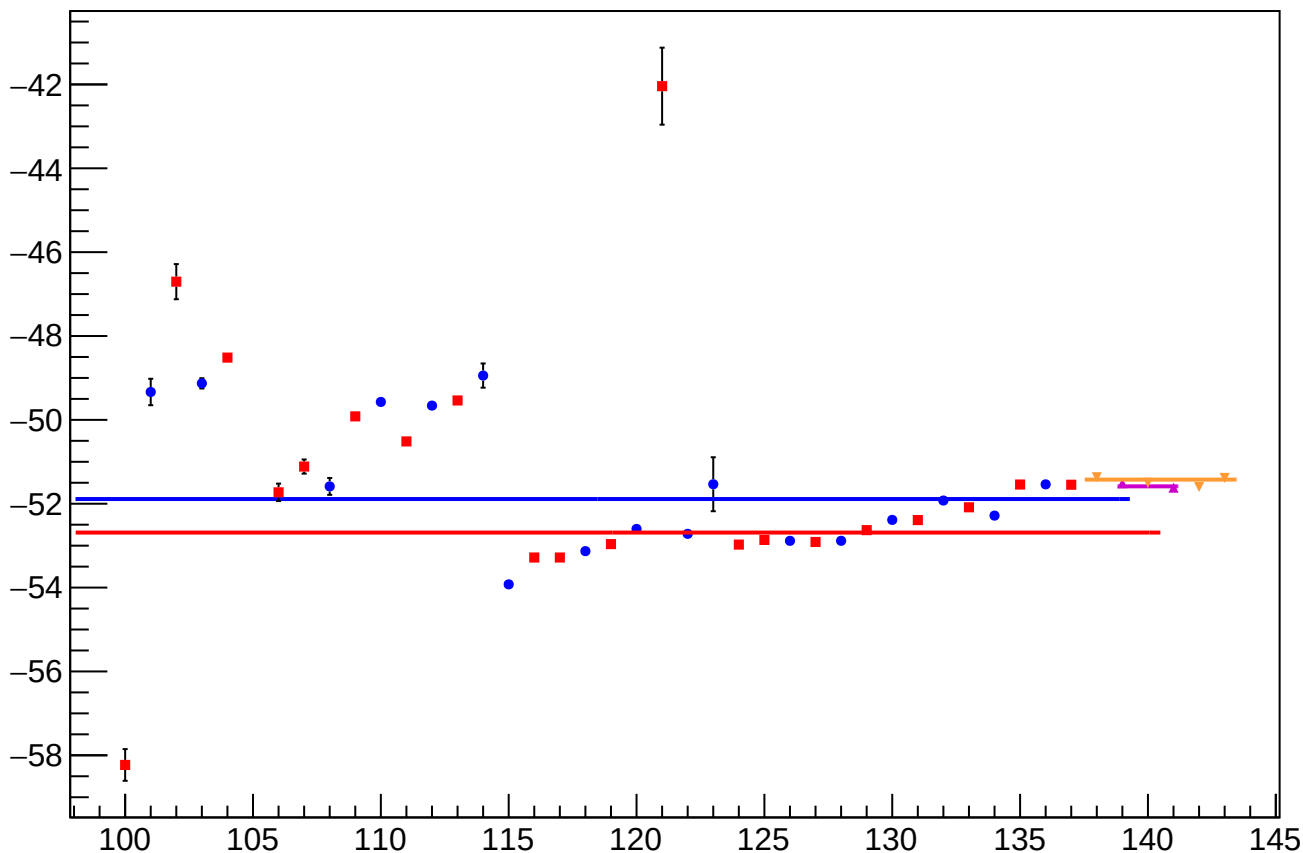
Right Out: 0.030+/-0.000 χ^2/NDF : 121752.0/19

Left In: 0.413+/-0.001 χ^2/NDF : 983.8/1

0.541+/-0.000 χ^2/NDF : 44493.7/20

0.030+/-0.000 χ^2/NDF : 250934.1/21

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 $\chi^2/\text{NDF}: 77585.2/16$

Left Out: -51.424 ± 0.004 $\chi^2/\text{NDF}: 356.0/3$

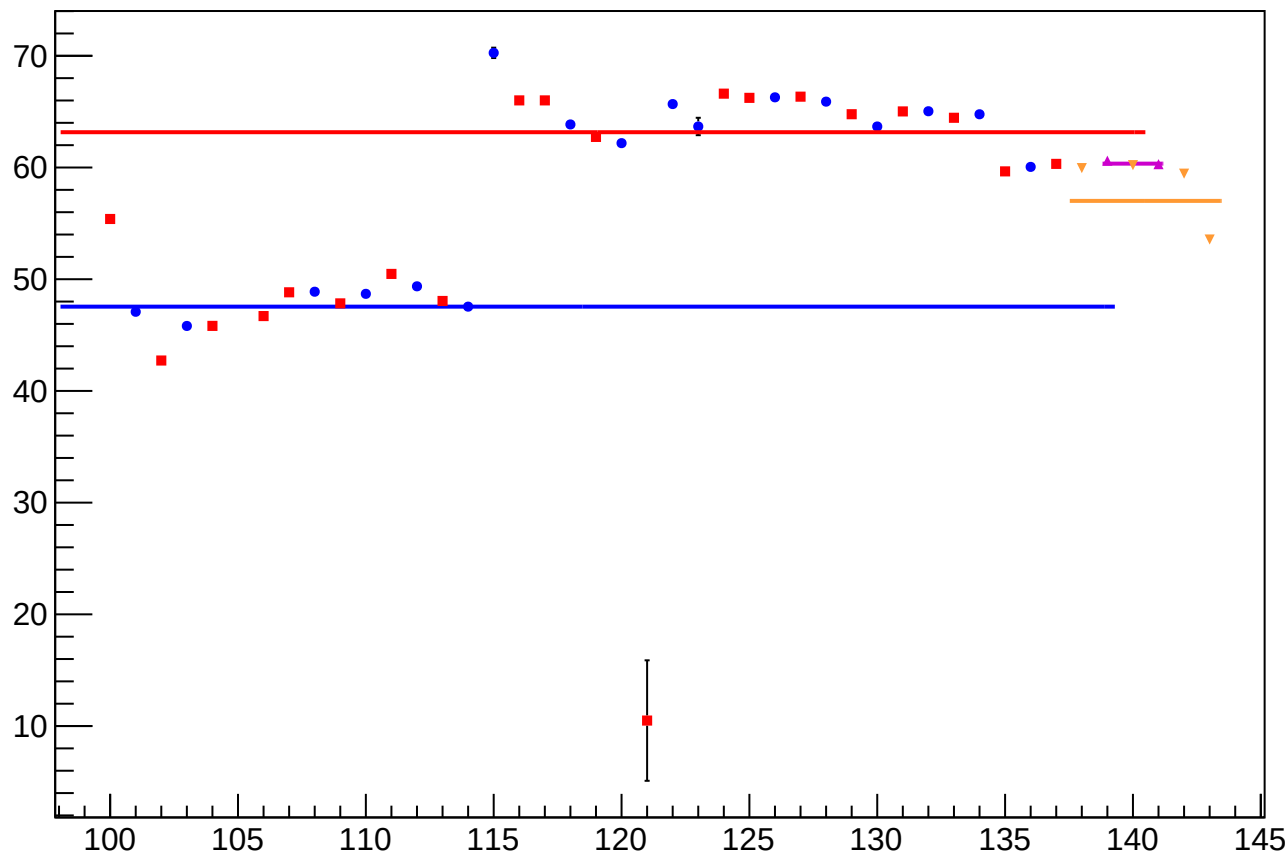
Right Out: -52.688 ± 0.003 $\chi^2/\text{NDF}: 56462.4/19$

Left In: -51.586 ± 0.004 $\chi^2/\text{NDF}: 152.3/1$

-51.792 ± 0.002 $\chi^2/\text{NDF}: 86867.7/20$

-52.358 ± 0.002 $\chi^2/\text{NDF}: 112327.6/21$

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 57.012 $\pm$ 0.008 χ^2 /NDF:154645.5/3

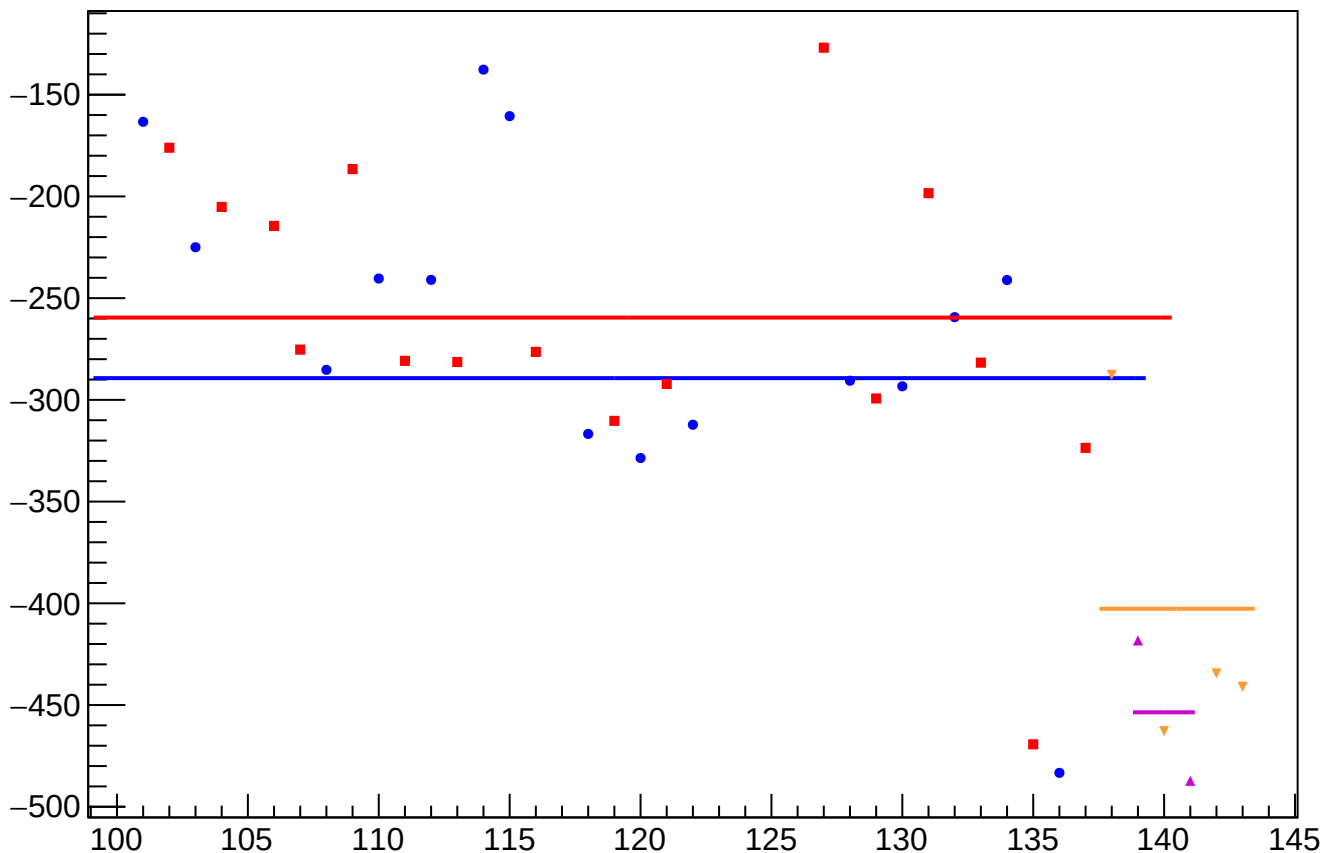
Right Out: 63.161 $\pm$ 0.007 χ^2 /NDF: 337052.2/19

Left In: 60.346 $\pm$ 0.023 χ^2 /NDF:23.9/1

47.545 $\pm$ 0.000 χ^2 /NDF: 5011028.7/20

62.897 $\pm$ 0.007 χ^2 /NDF: 350680.4/21

dit_4aX_coil1_mean vs Slug



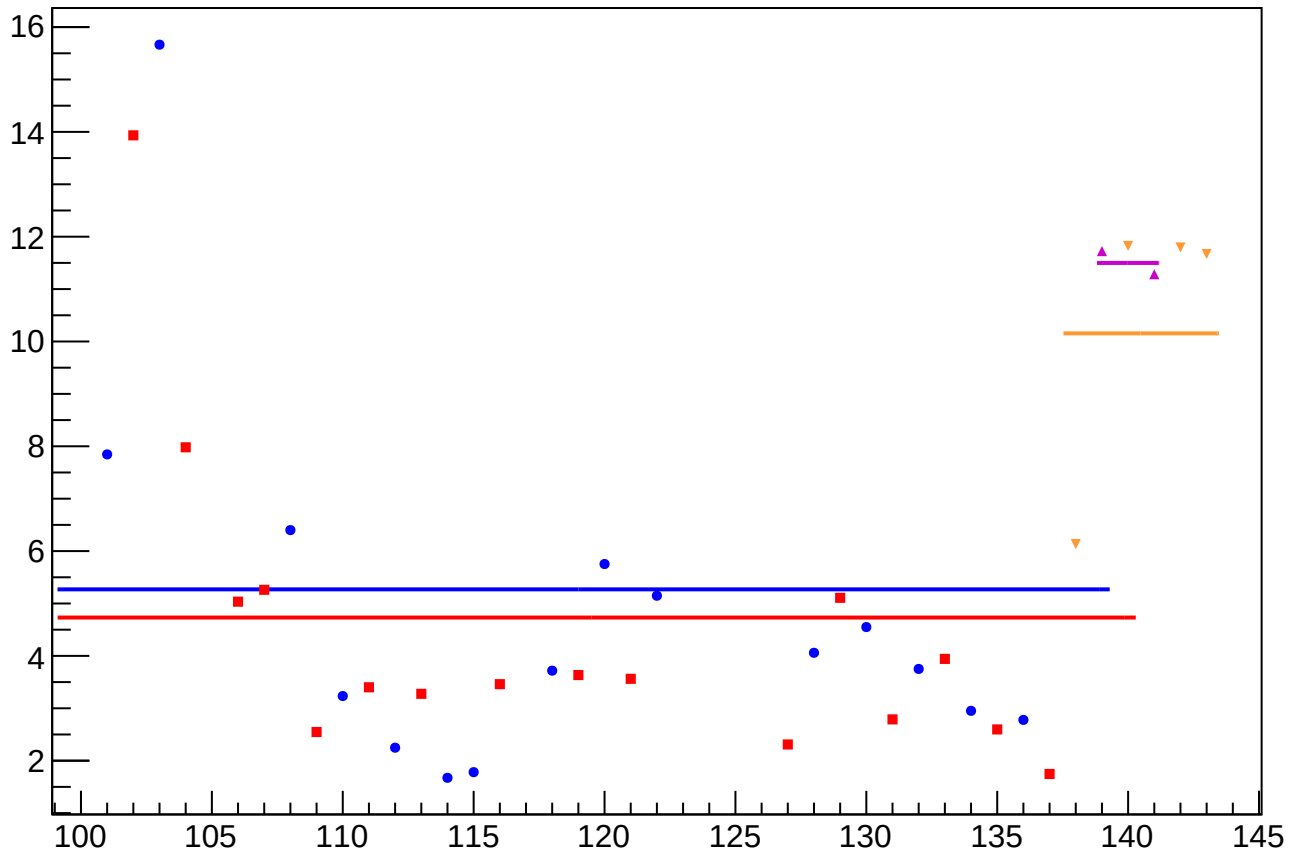
Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -402.677+/-0.000 χ^2/NDF : 1472818314619278679848426421927018496.0/3

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

Left In: -453.574+/-0.000 χ^2/NDF : 197437315405256528052980129730658304.0/1

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 10.155+/-0.000 χ^2/NDF : 1766600923496985699656532815249408.0/3

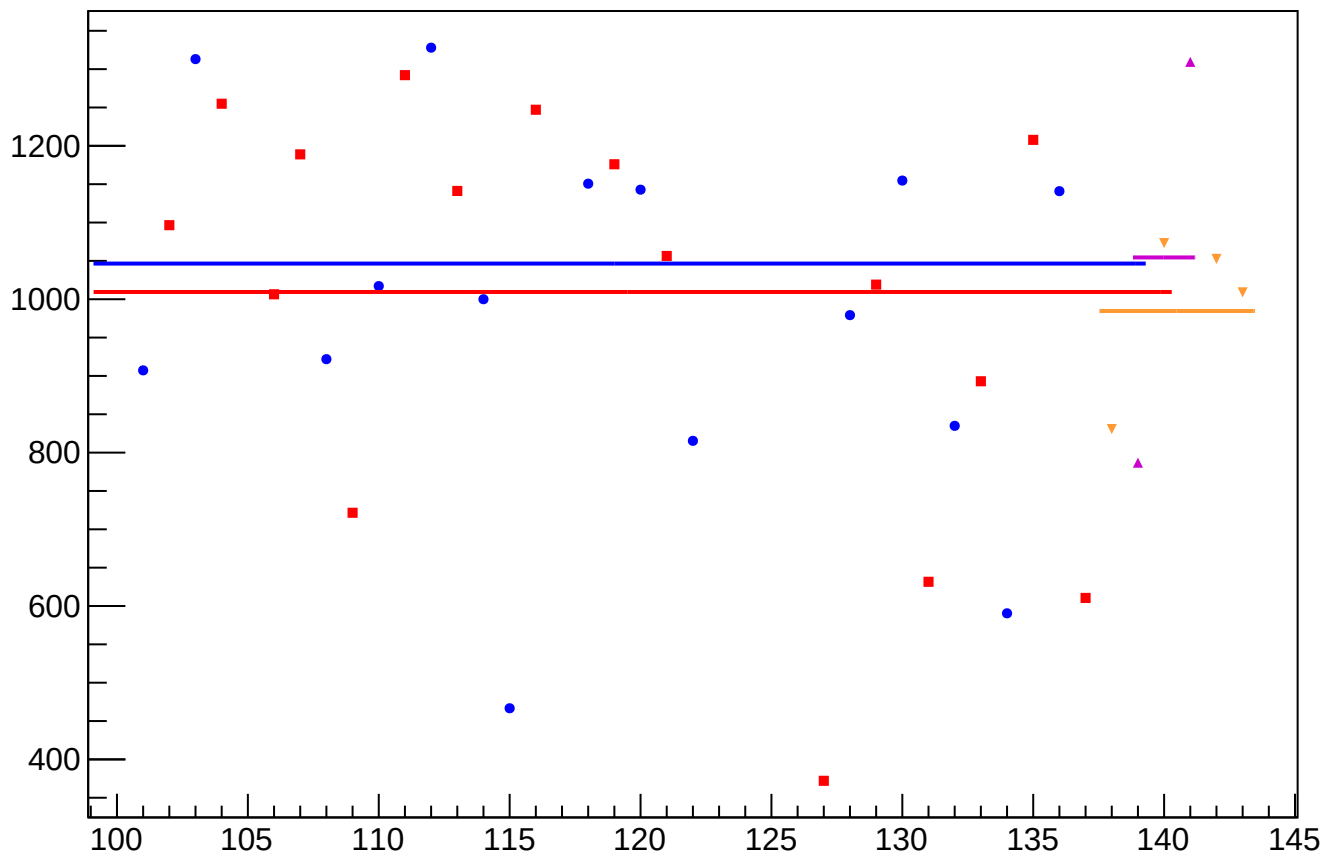
Right Out: 4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

Left In: 11.499+/-0.000 χ^2/NDF : 8062436197017478967078502268928.0/1

6.716+/-0.000 χ^2/NDF : 1506279526060980222

6.080+/-0.000 χ^2/NDF : 129521683849230264

dit_4aX_coil1_Ndata_mean vs Slug



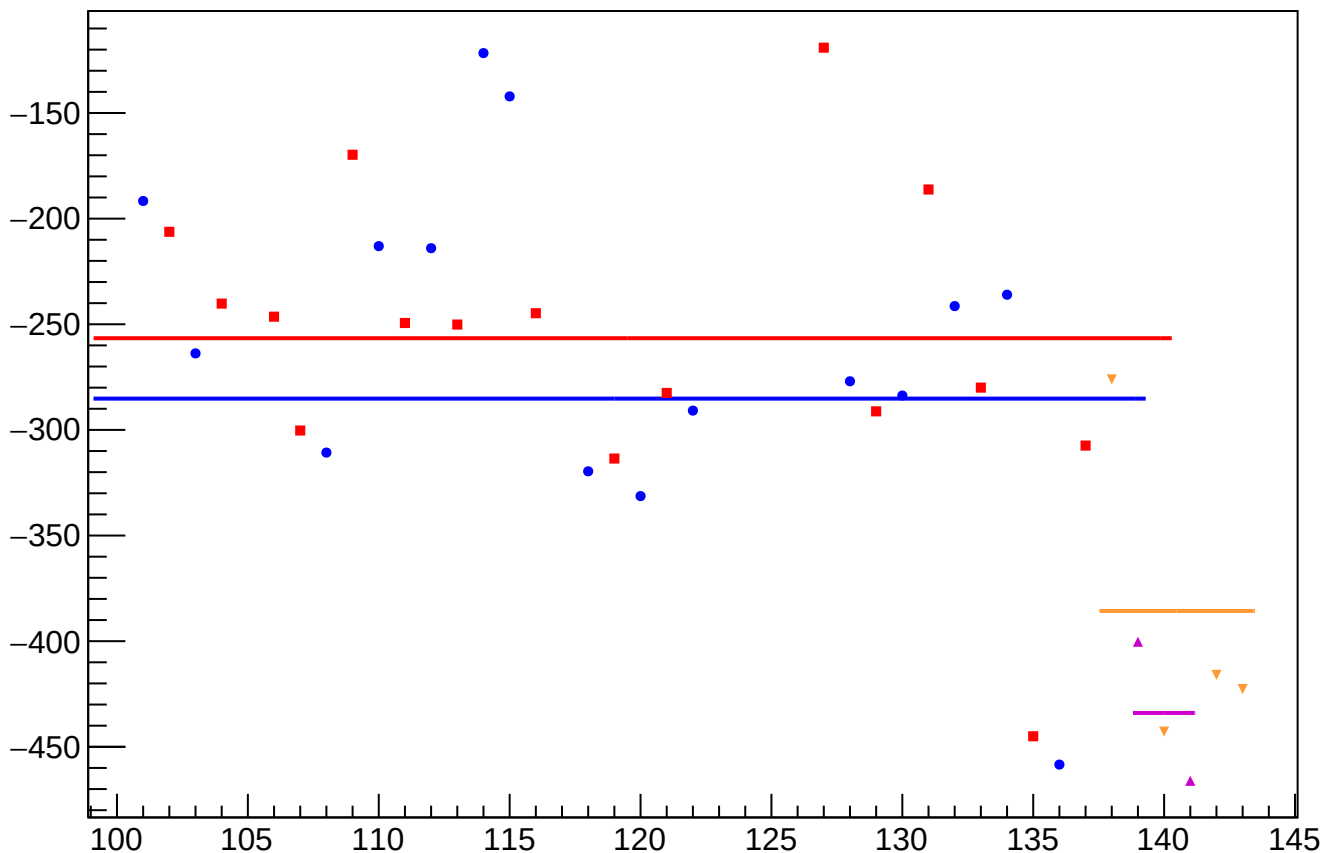
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4eX_coil1_mean vs Slug



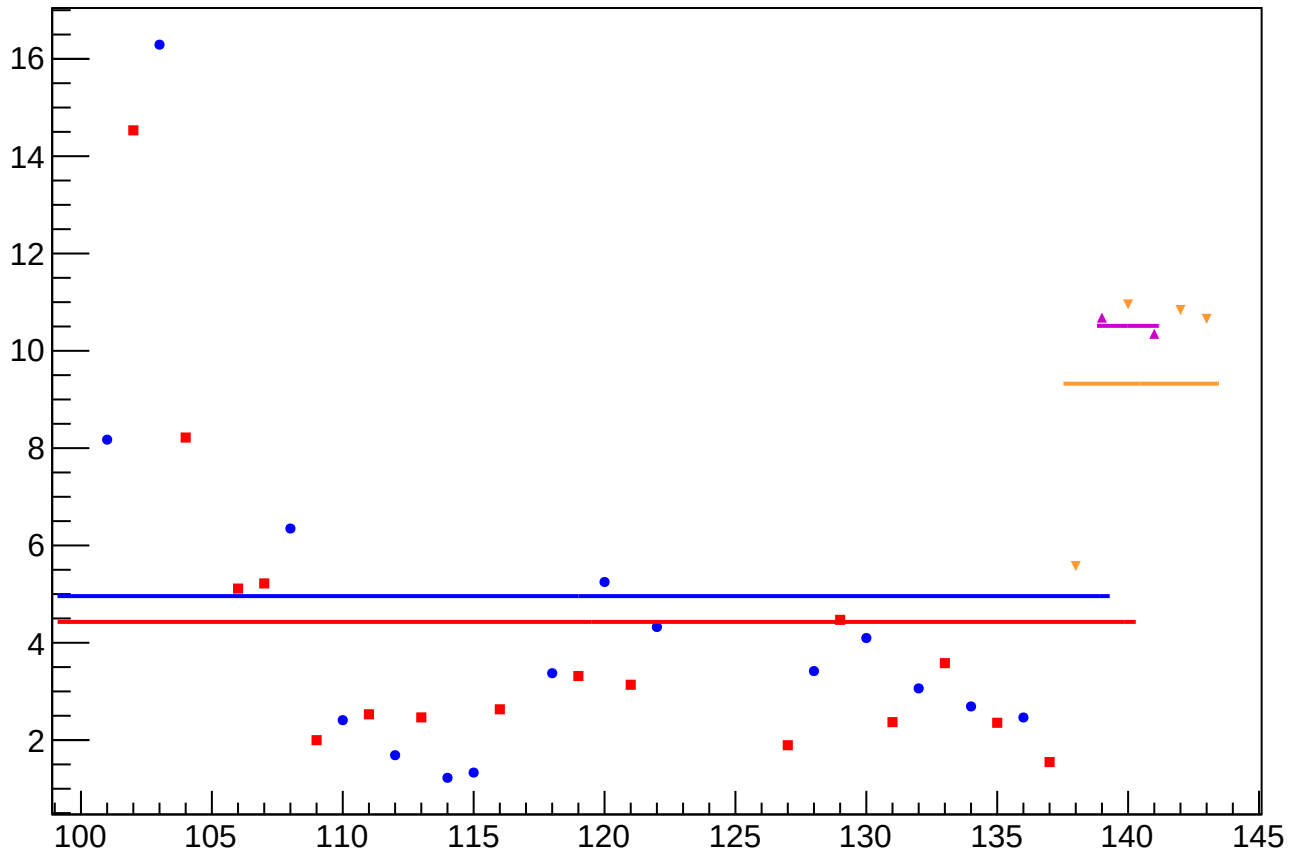
Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -385.694+/-0.000 χ^2/NDF : 1338300286478112678860628555282251776.0/3

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: -433.971+/-0.000 χ^2/NDF : 179665148104058376631691488788480000.0/1

dit_4eX_coil1_err_mean vs Slug



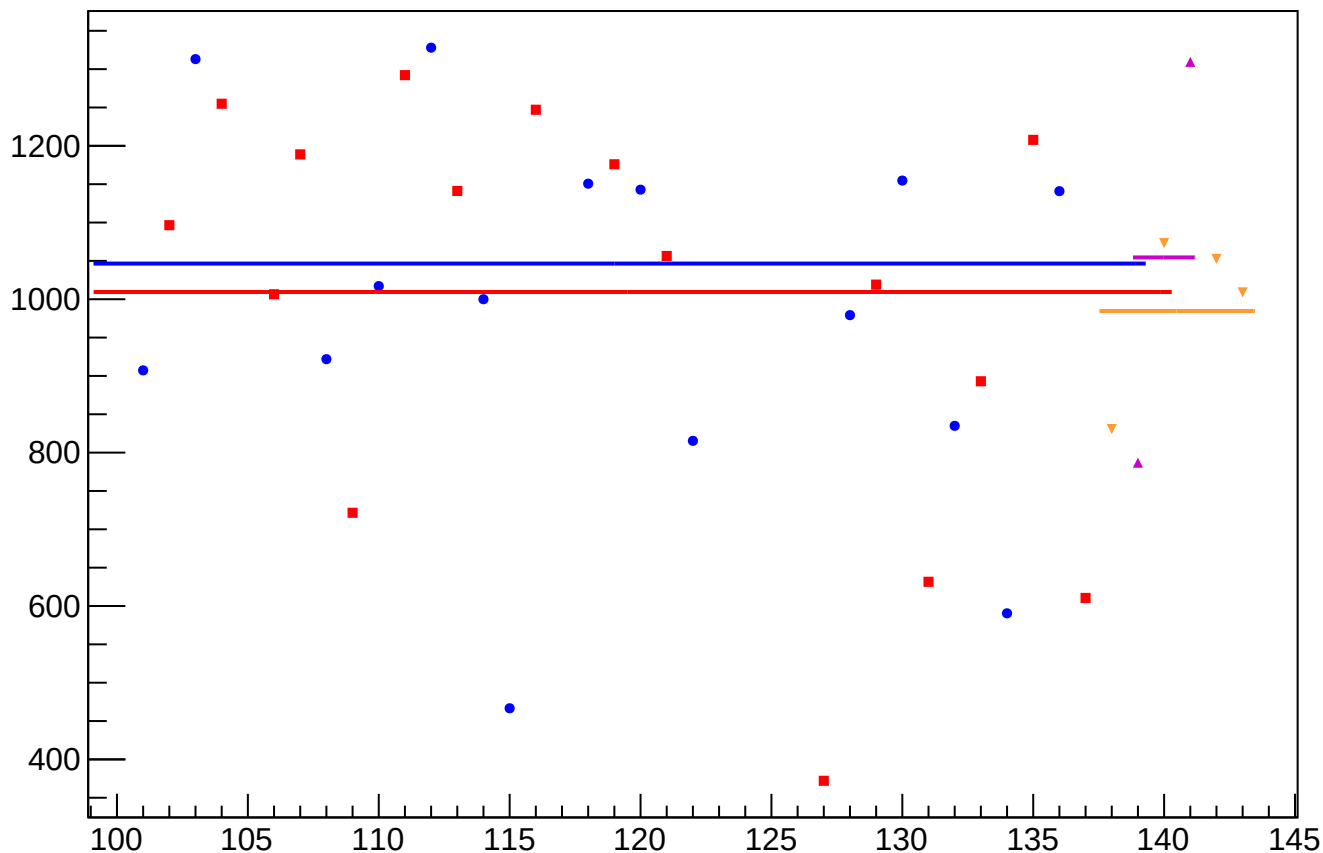
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 9.325+/-0.000 χ^2/NDF : 1538159689800764472080582286770176.0/3

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 10.513+/-0.000 χ^2/NDF : 4588511677431786592135481917440.0/1

dit_4eX_coil1_Ndata_mean vs Slug



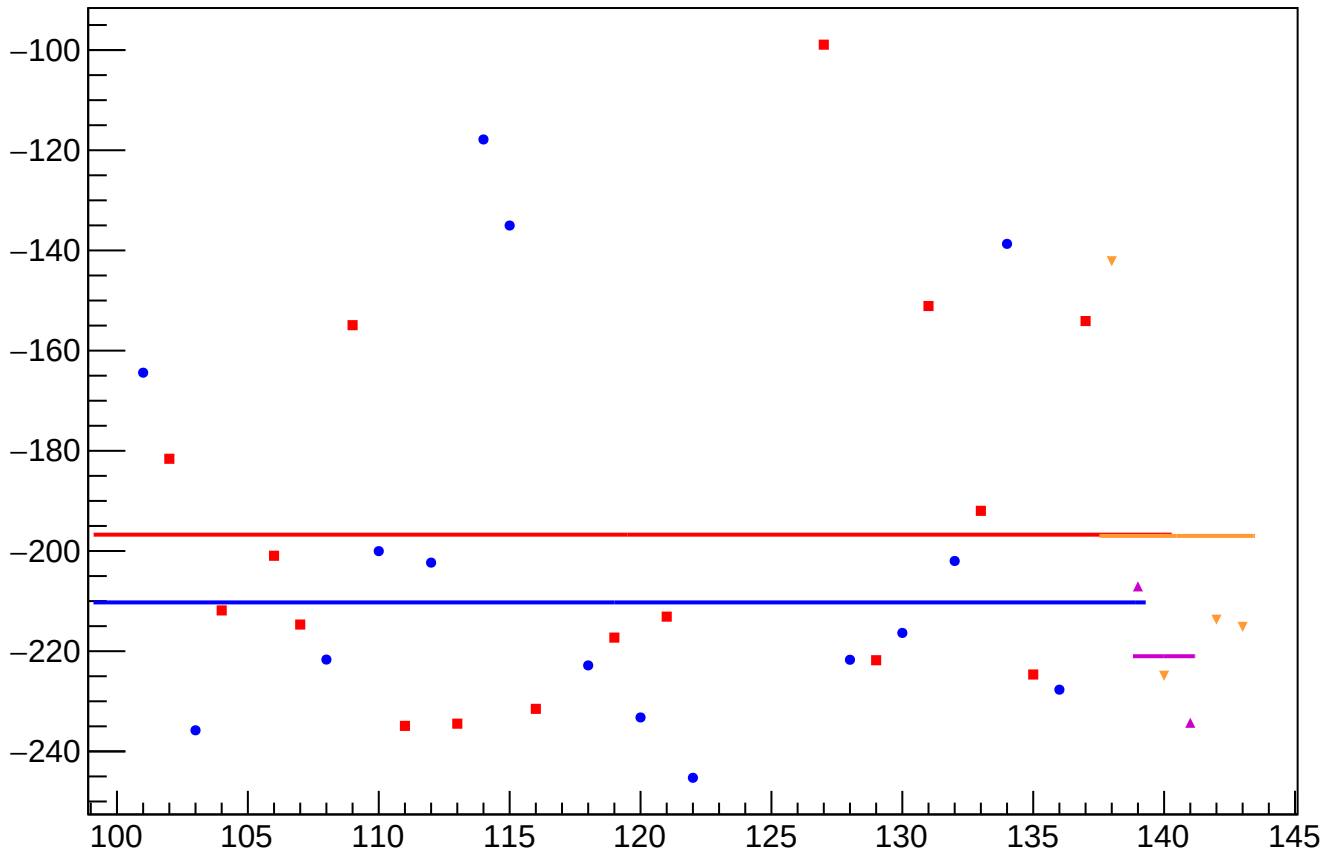
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_11X12X_coil1_mean vs Slug



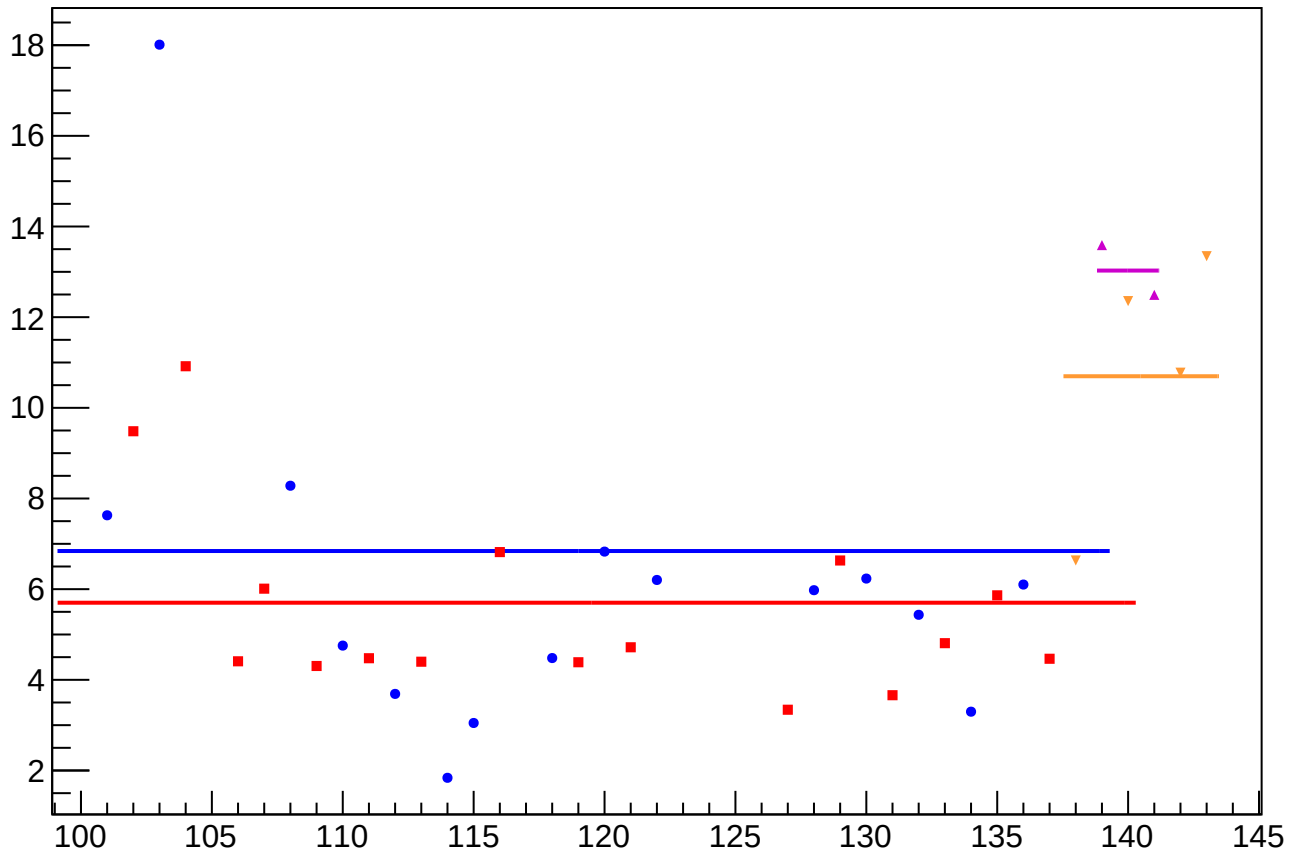
Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -196.979+/-0.000 χ^2/NDF : 333276241345123469350146800749641728.0/3

Right Out: -196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

Left In: -221.002+/-0.000 χ^2/NDF : 30734207404079380528684990623383552.0/1

dit_11X12X_coil1_err_mean vs Slug



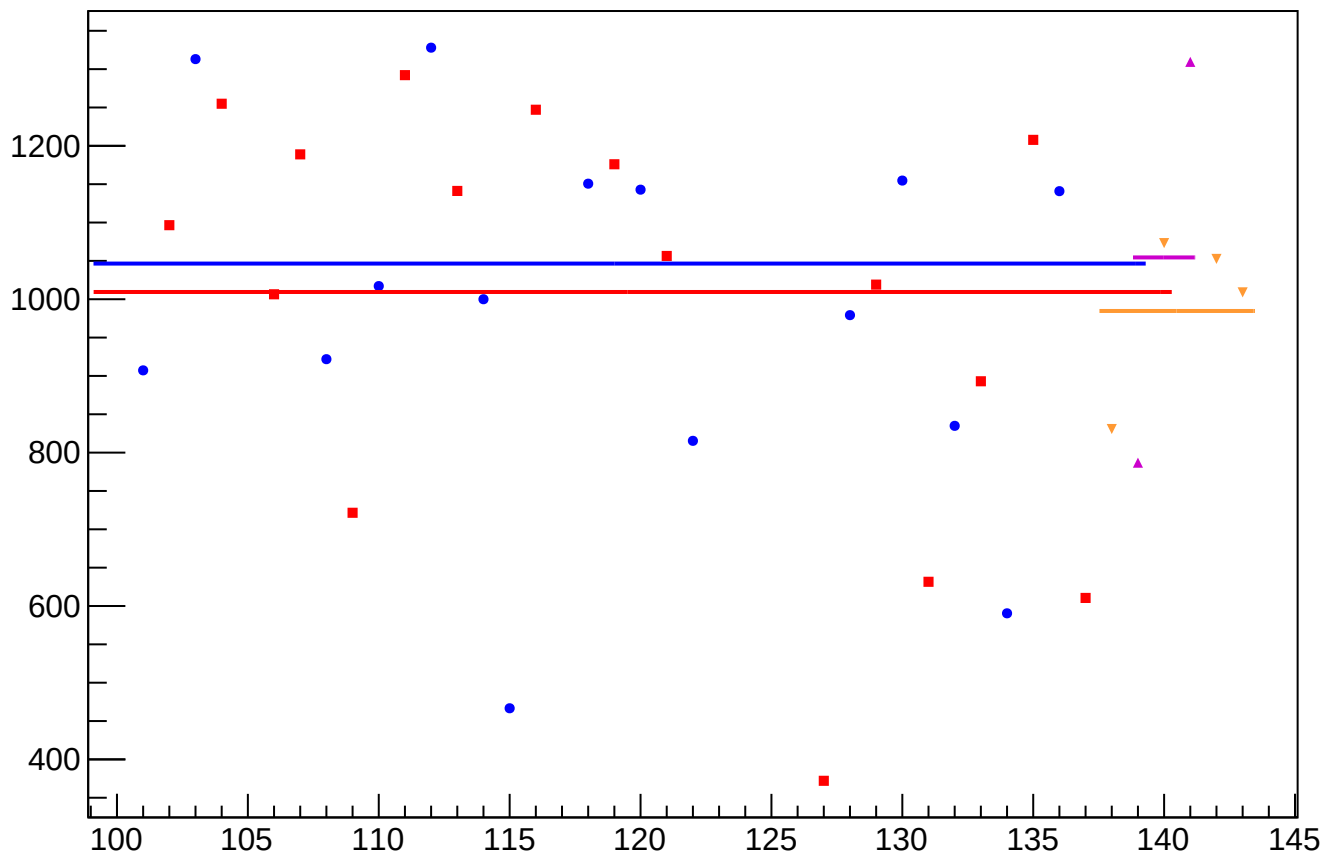
Right In: 6.842+/-0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14

Left Out: 10.697+/-0.000 χ^2/NDF : 1983379583554364623948106942119936.0/3

Right Out: 5.701+/-0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15

Left In: 13.028+/-0.000 χ^2/NDF : 49928596650732881260820356399104.0/1

dit_11X12X_coil1_Ndata_mean vs Slug



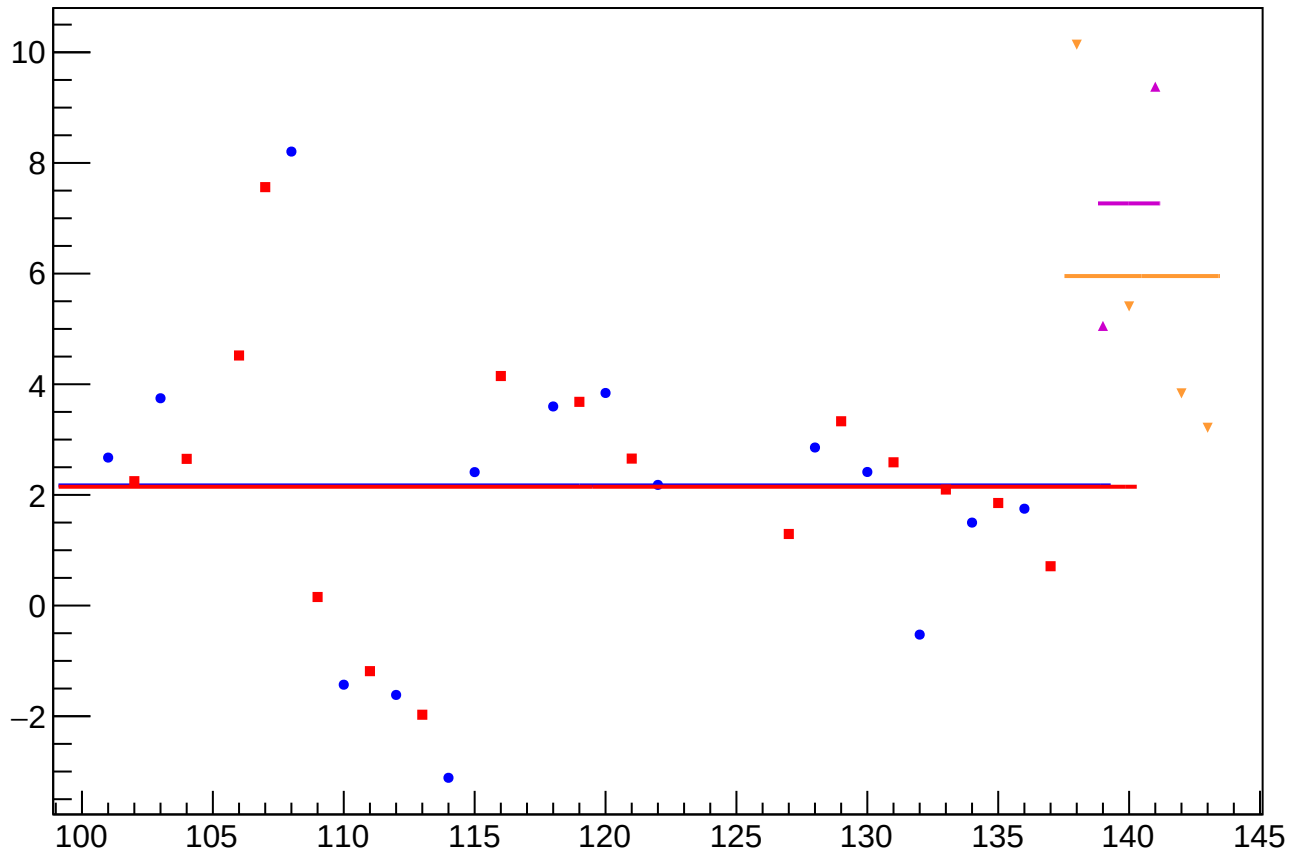
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

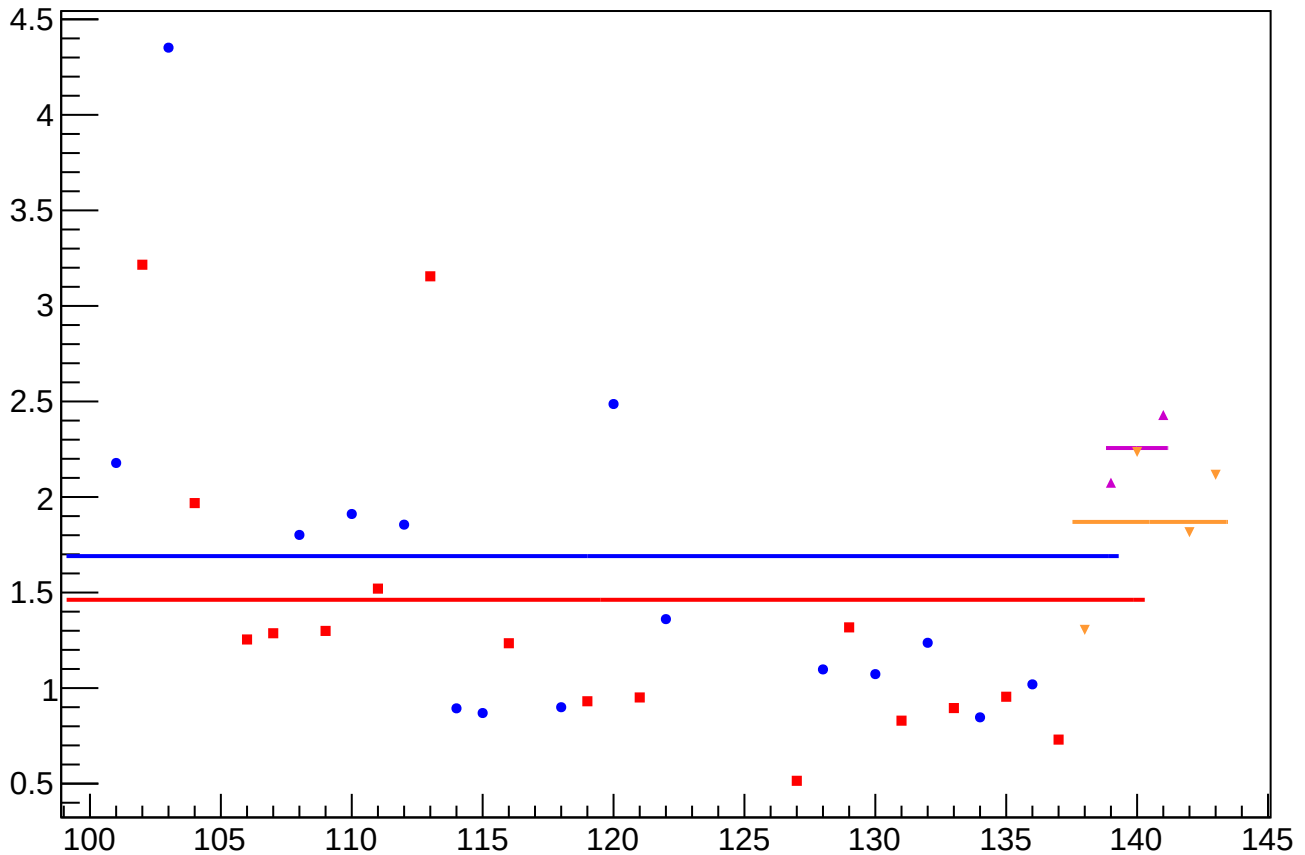
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000	χ^2/NDF : 3599819246909975678410499691642880.0/14
Left Out: 5.955+/-0.000	χ^2/NDF : 2099399619917309908577258336944128.0/3
Right Out: 2.148+/-0.000	χ^2/NDF : 3093887336239378959606321931878400.0/15
Left In: 7.269+/-0.000	χ^2/NDF : 775379840804671747834627089235968.0/1

dit_4aY_coil1_err_mean vs Slug



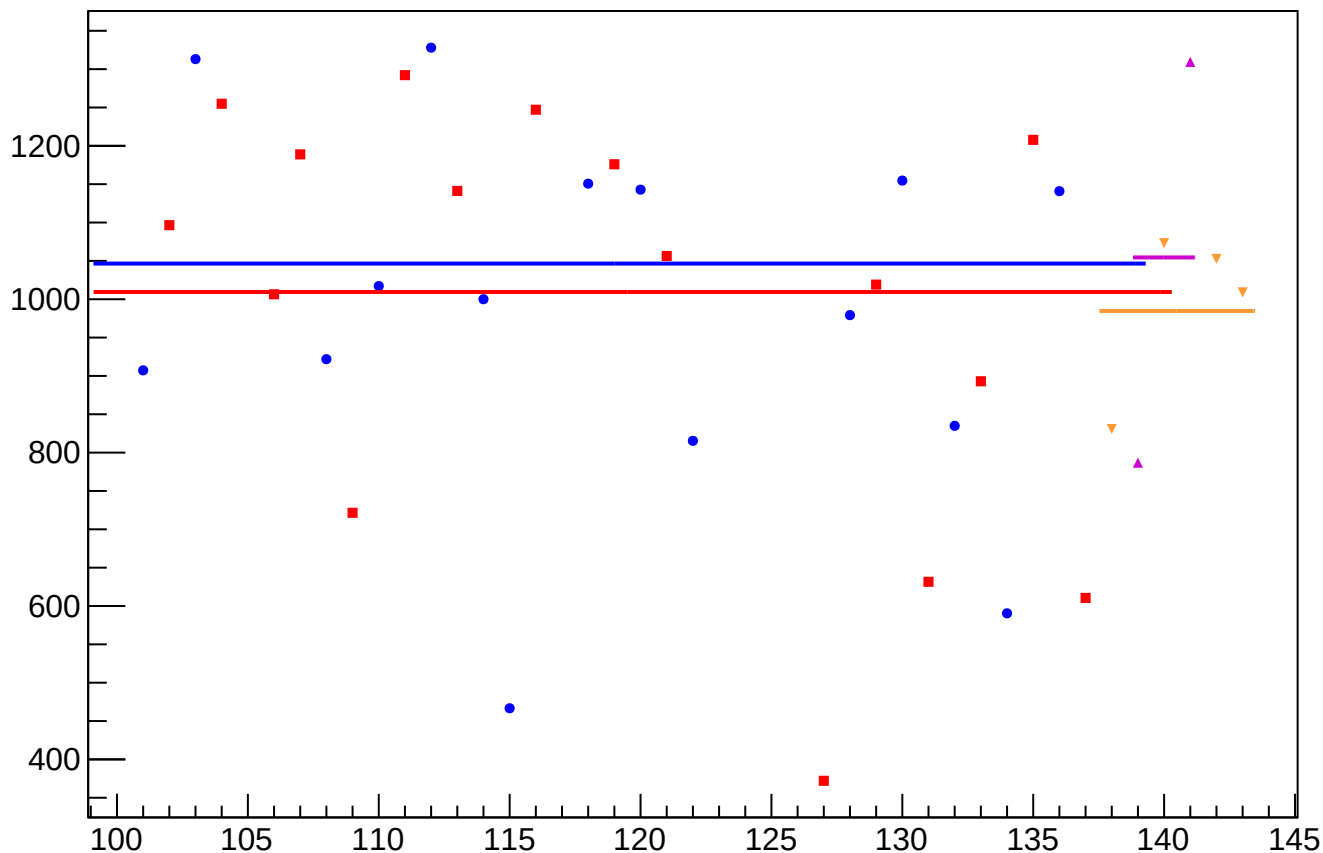
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.870+/-0.000 χ^2/NDF : 40107644373138562112135911964672.0/3

Right Out: 1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

Left In: 2.256+/-0.000 χ^2/NDF : 5207729809693972036298446209024.0/1

dit_4aY_coil1_Ndata_mean vs Slug



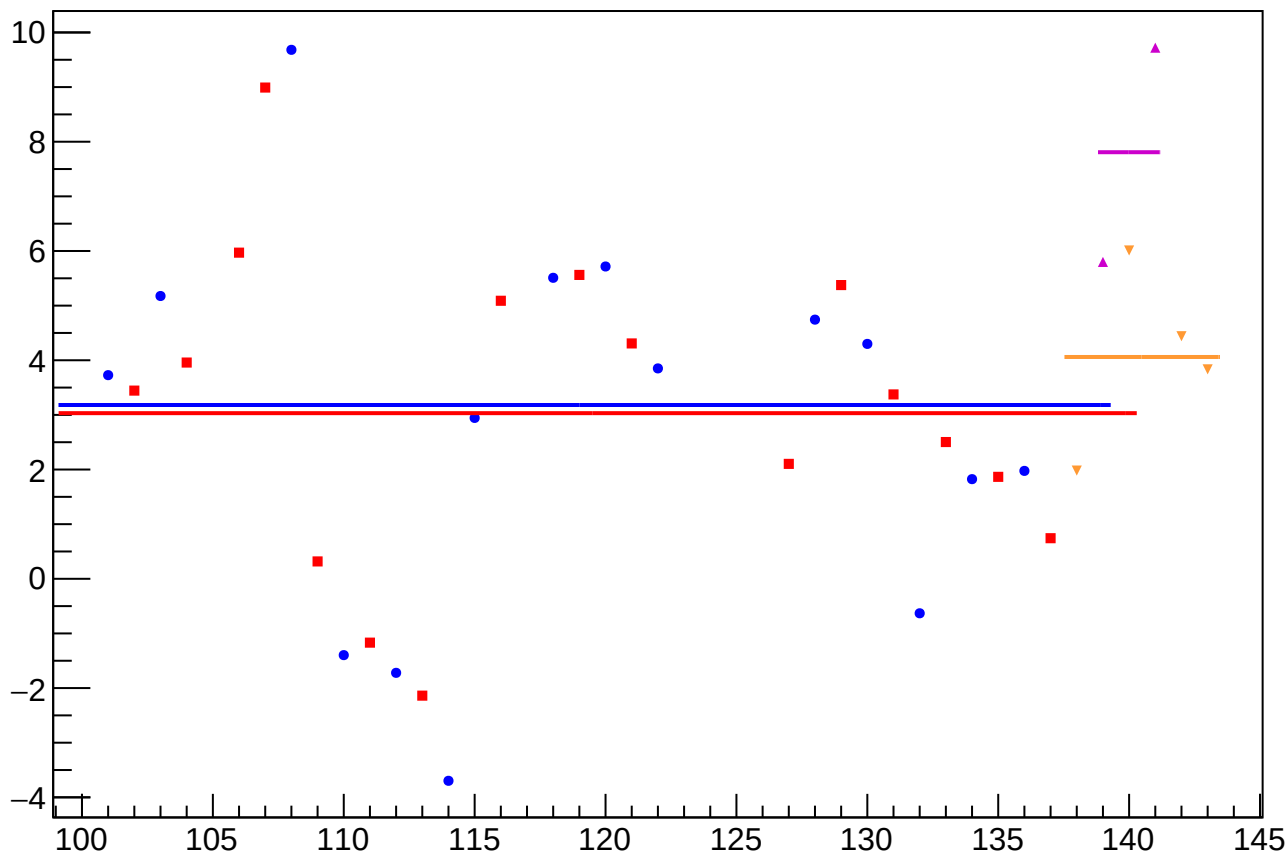
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

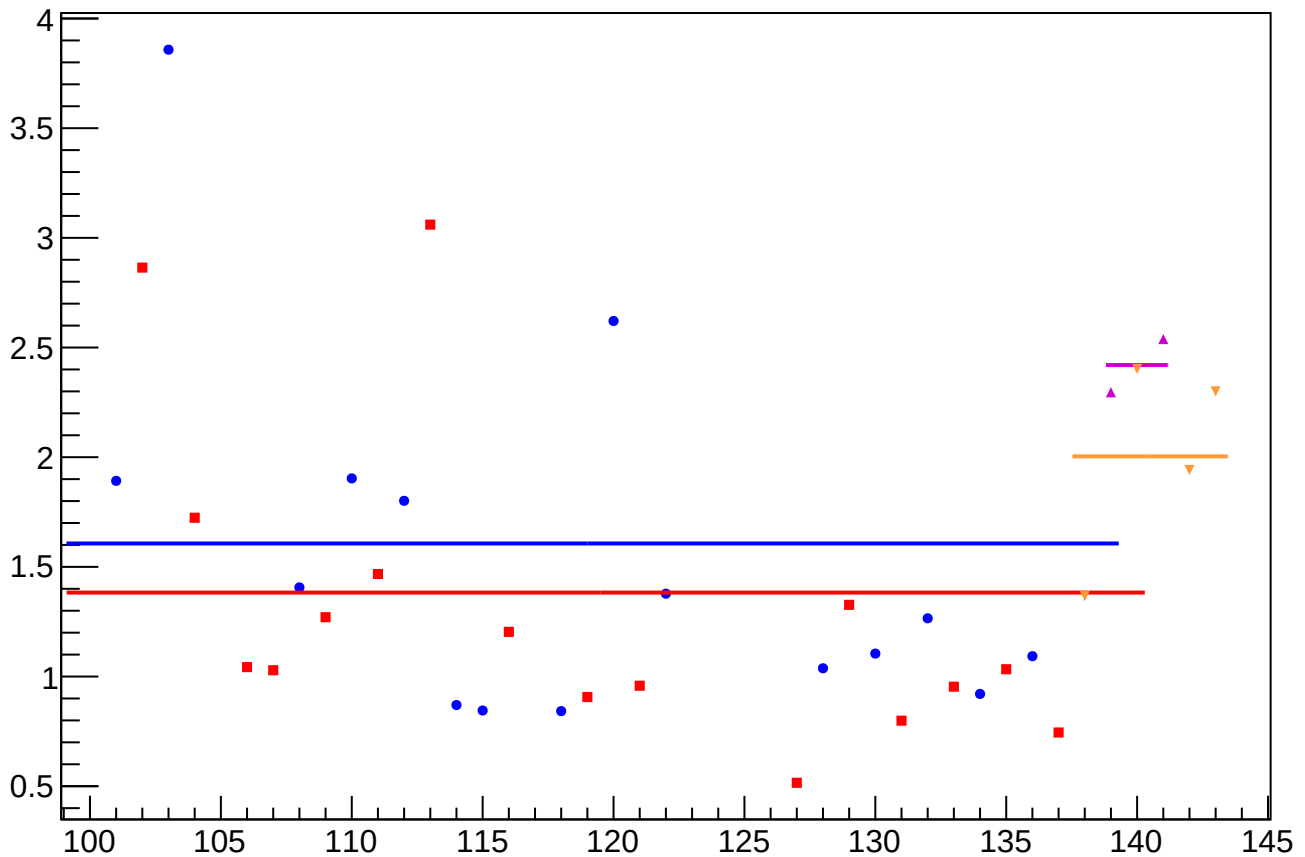
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4eY_coil1_mean vs Slug



Right In: 3.181 ± 0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 4.060 ± 0.000 χ^2/NDF : 658920209088469887173800985886720.0/3
 Right Out: 3.032 ± 0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: 7.808 ± 0.000 χ^2/NDF : 637800661289609523634129942347776.0/1

dit_4eY_coil1_err_mean vs Slug



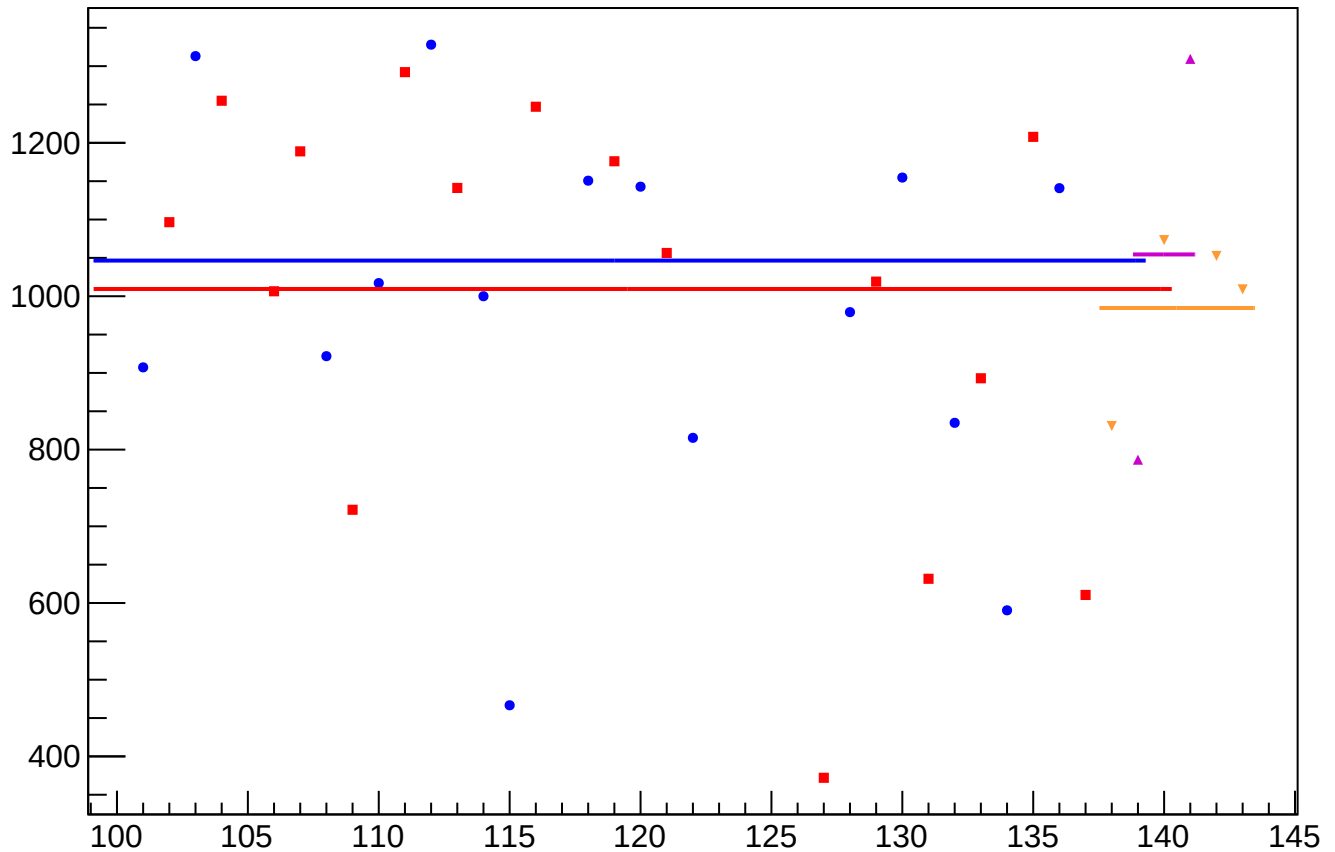
Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 2.004+/-0.000 χ^2/NDF : 50719575499302936136100691836928.0/3

Right Out: 1.383+/-0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

Left In: 2.420+/-0.000 χ^2/NDF : 2444178228126960828750915174400.0/1

dit_4eY_coil1_Ndata_mean vs Slug



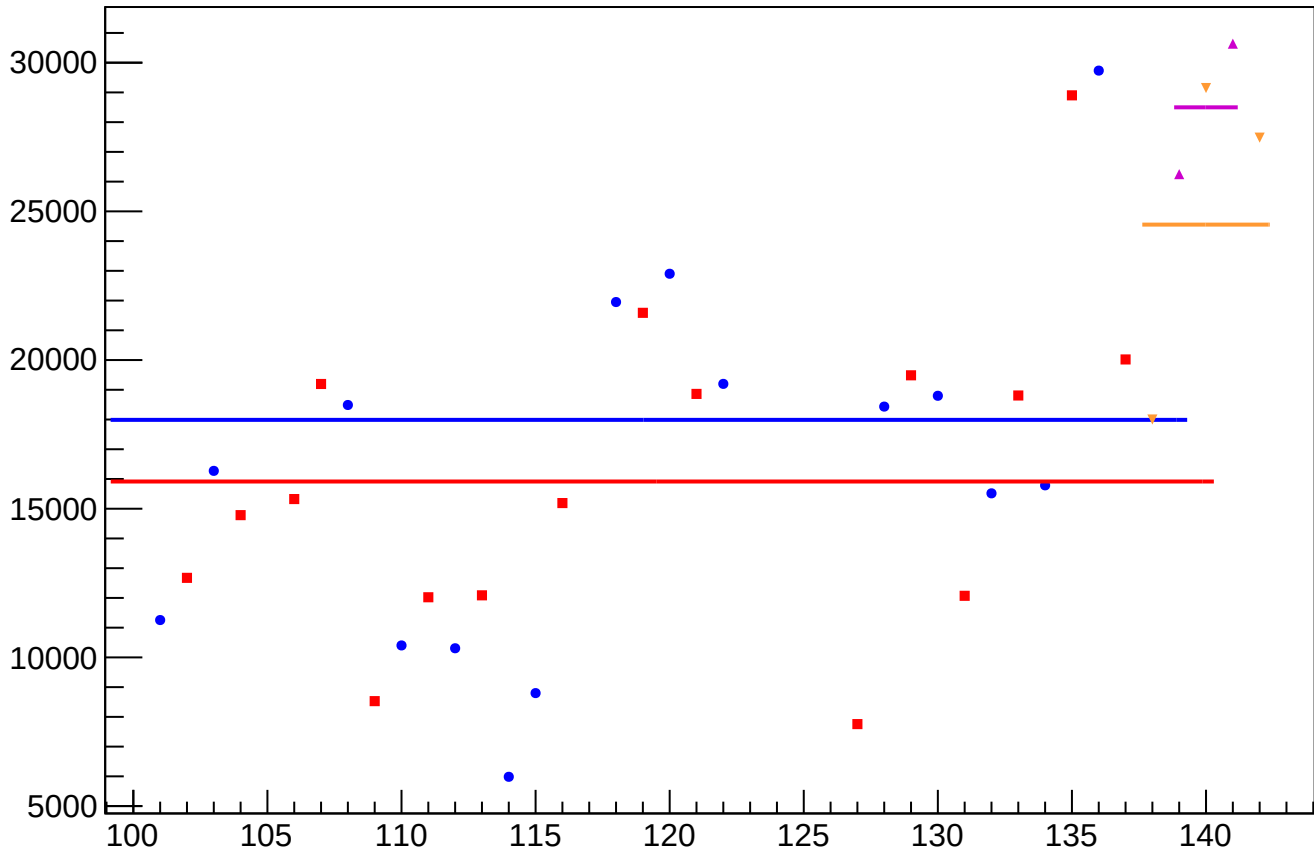
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

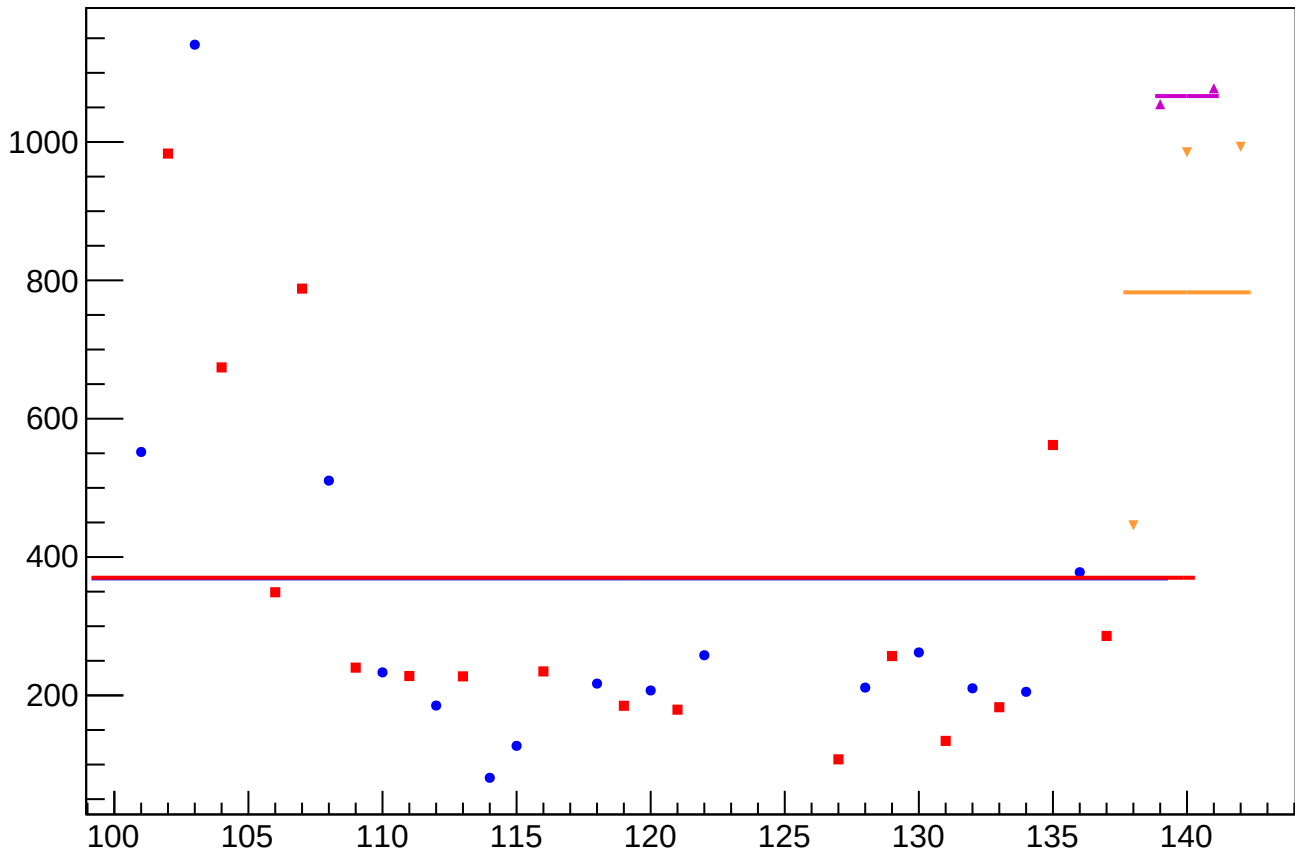
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_usl_coil1_mean vs Slug



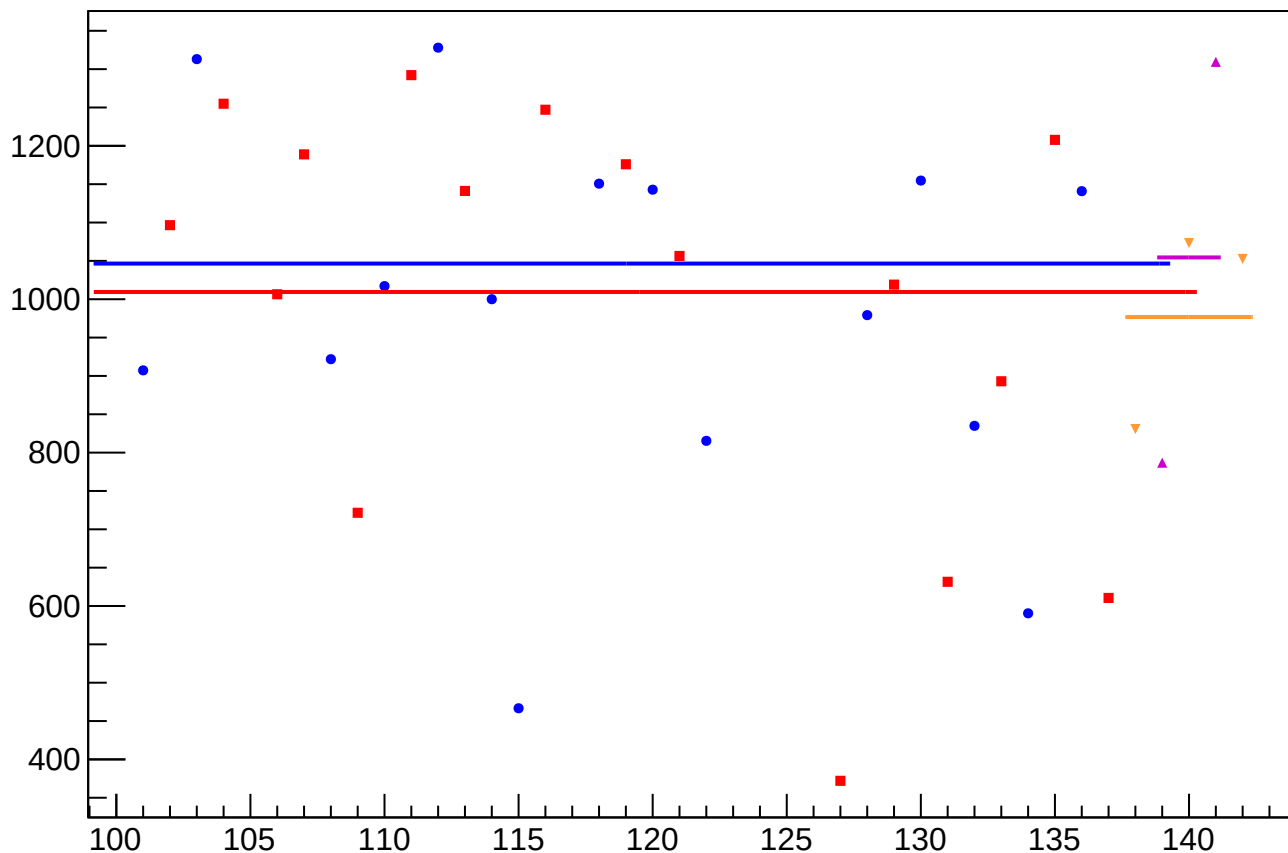
Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 24554.423+/-0.000 χ^2/NDF : 5474141393484236201179337731011824844800.0/2
 Right Out: 15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: 28498.388+/-0.000 χ^2/NDF : 798442739142015297203717078304184860672.0/1

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 782.643+/-0.000 χ^2/NDF : 14244648095721560119371688186331791360.0/2
 Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: 1066.435+/-0.000 χ^2/NDF : 21911878643485848653284574303879168.0/1

dit_usl_coil1_Ndata_mean vs Slug



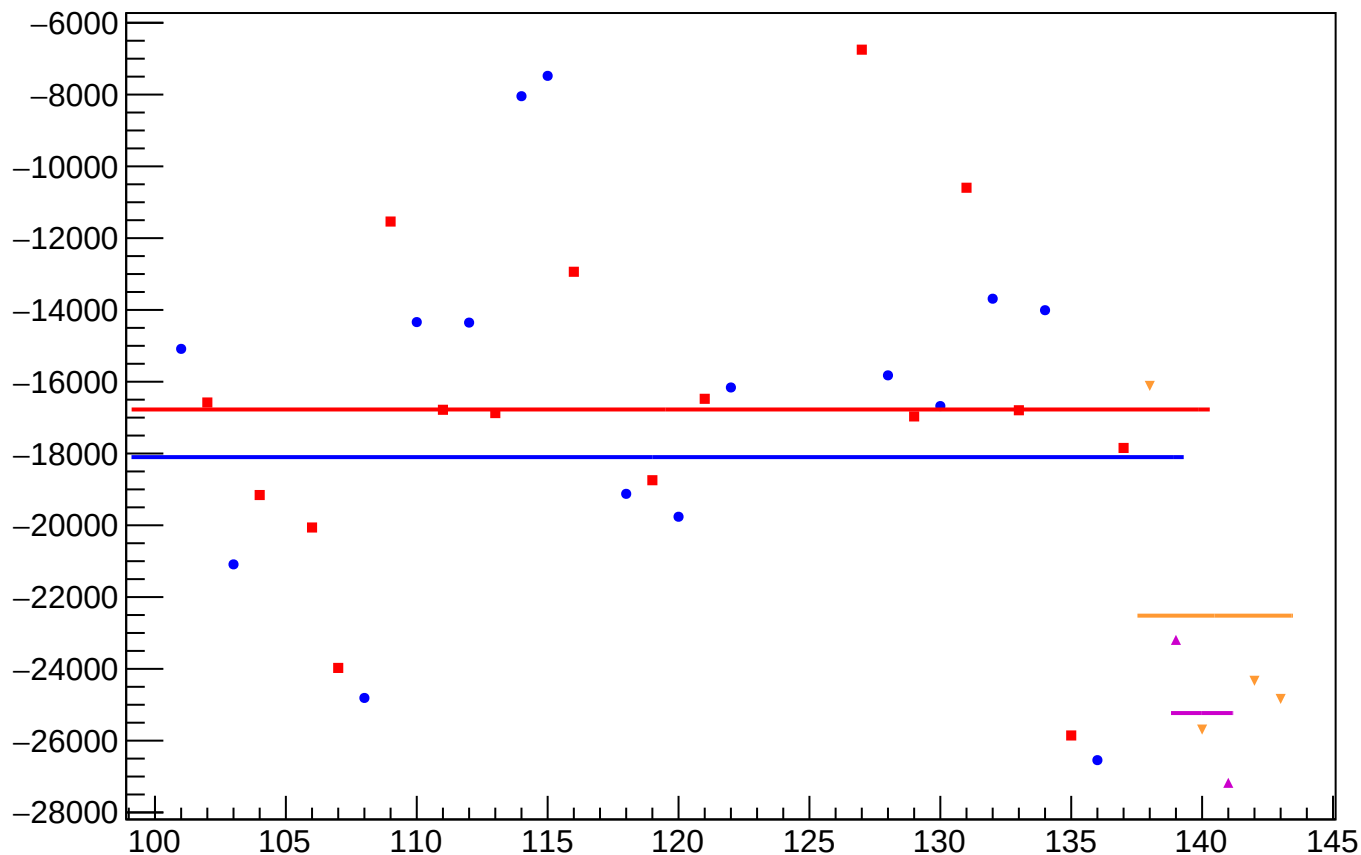
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

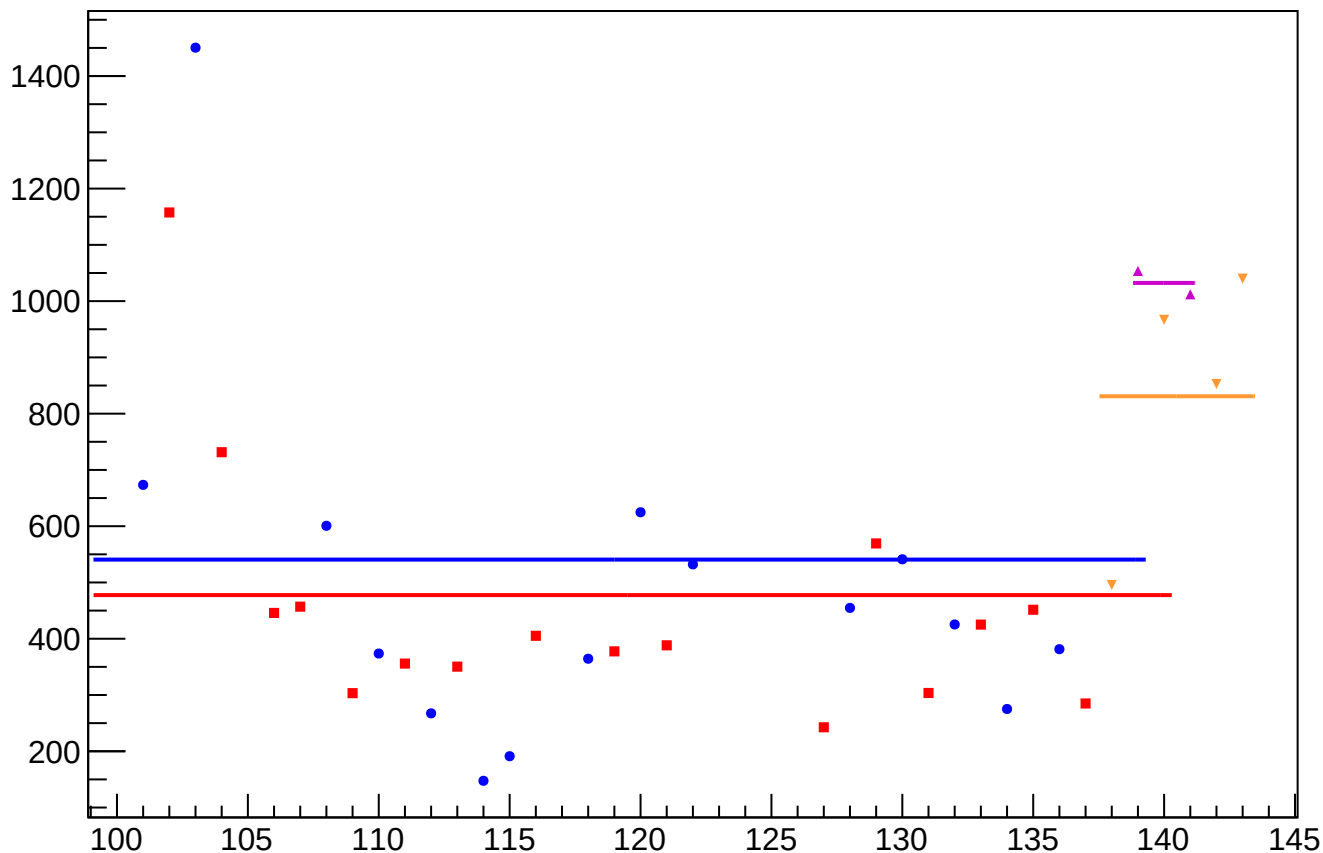
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000	χ^2/NDF : 14634967546173586967632040765428699496448.0/14
Left Out: -22517.481+/-0.000	χ^2/NDF : 4534630714000650706542121281932276793344.0/3
Right Out: -16773.604+/-0.000	χ^2/NDF : 14234547931135812277474342886568366178304.0/15
Left In: -25231.293+/-0.000	χ^2/NDF : 657679819019955141160326588755653689344.0/1

dit_usr_coil1_err_mean vs Slug



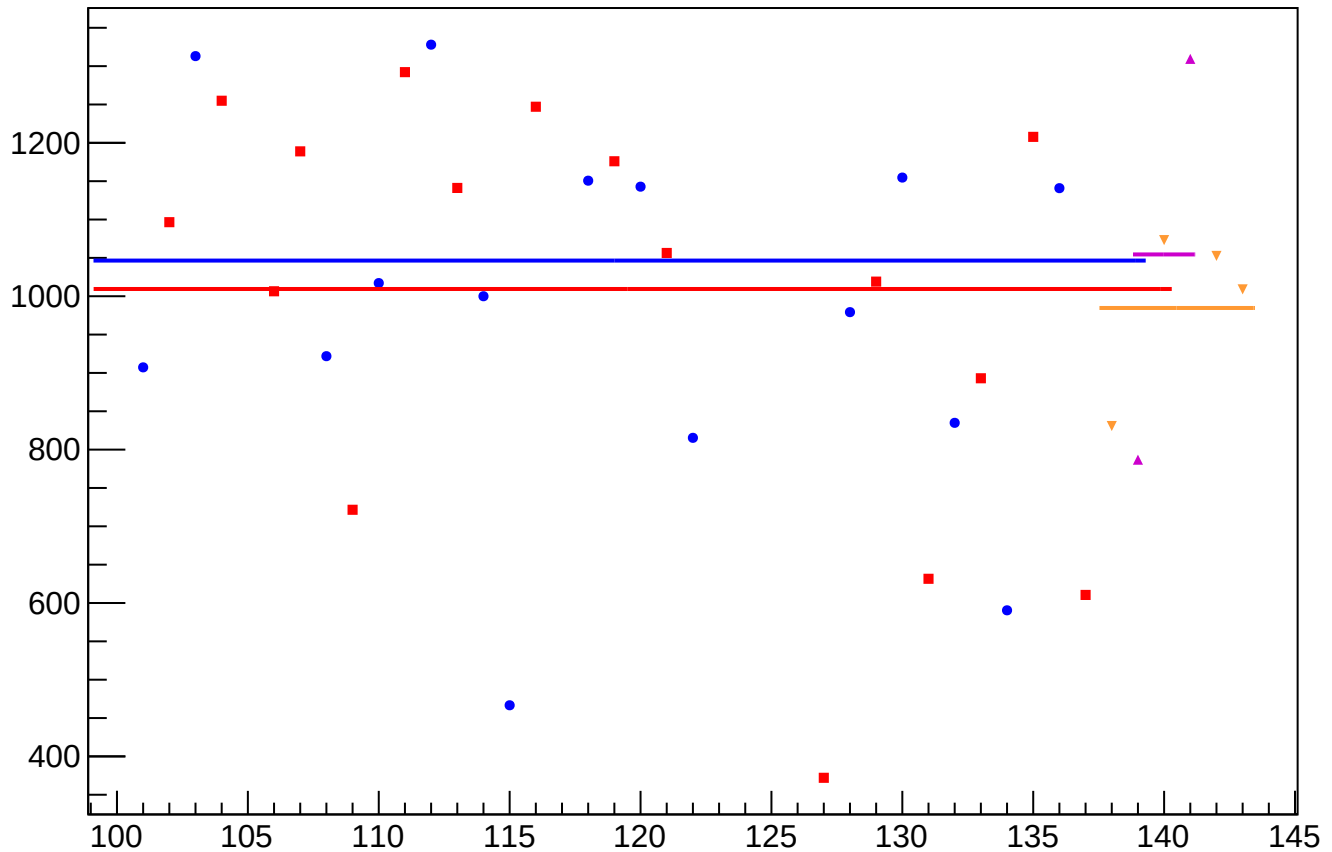
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 830.909+/-0.000 χ^2/NDF : 13237462807262854581391800165948456960.0/3

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

Left In: 1032.365+/-0.000 χ^2/NDF : 71308540181219815486054170810646528.0/1

dit_usr_coil1_Ndata_mean vs Slug



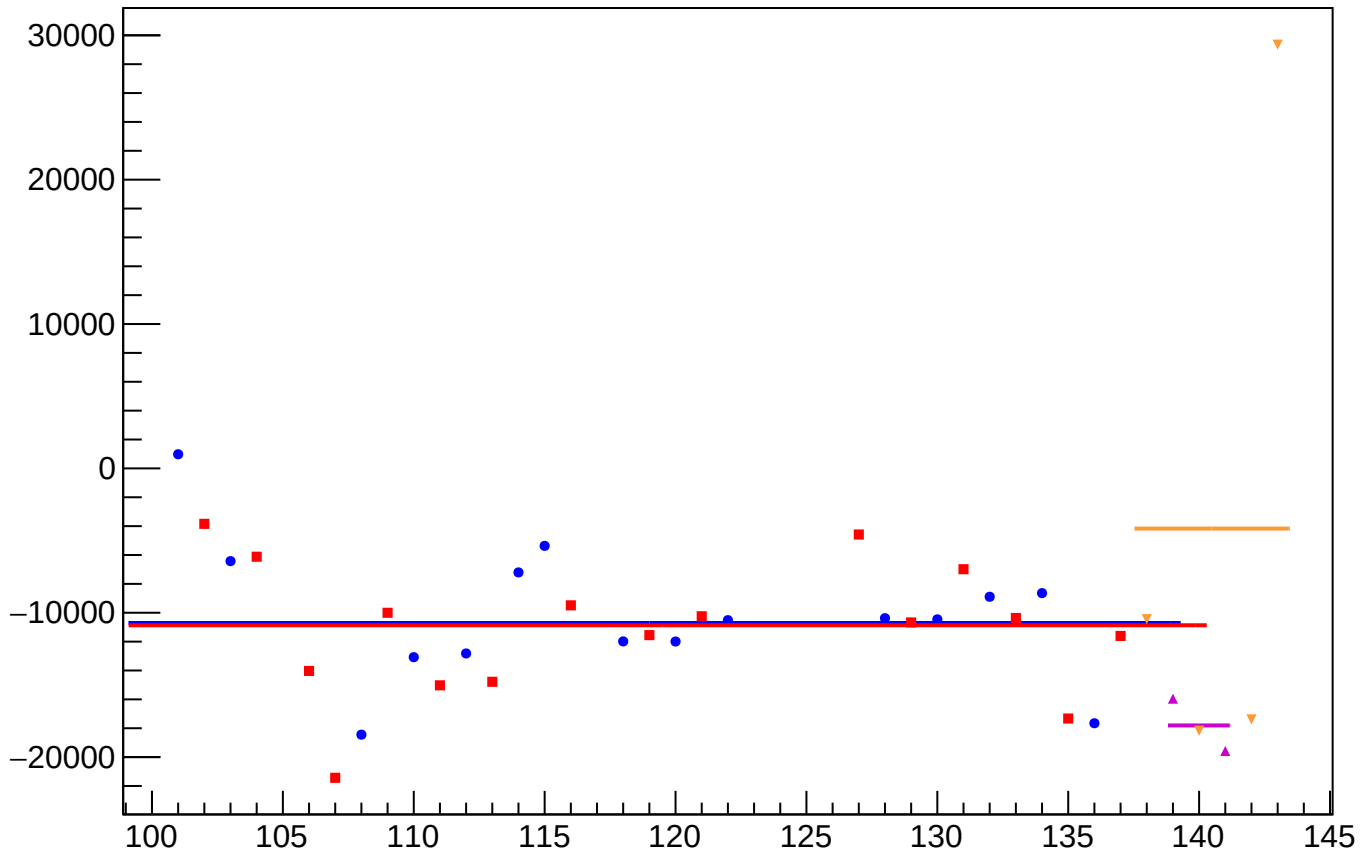
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atl1_coil1_mean vs Slug



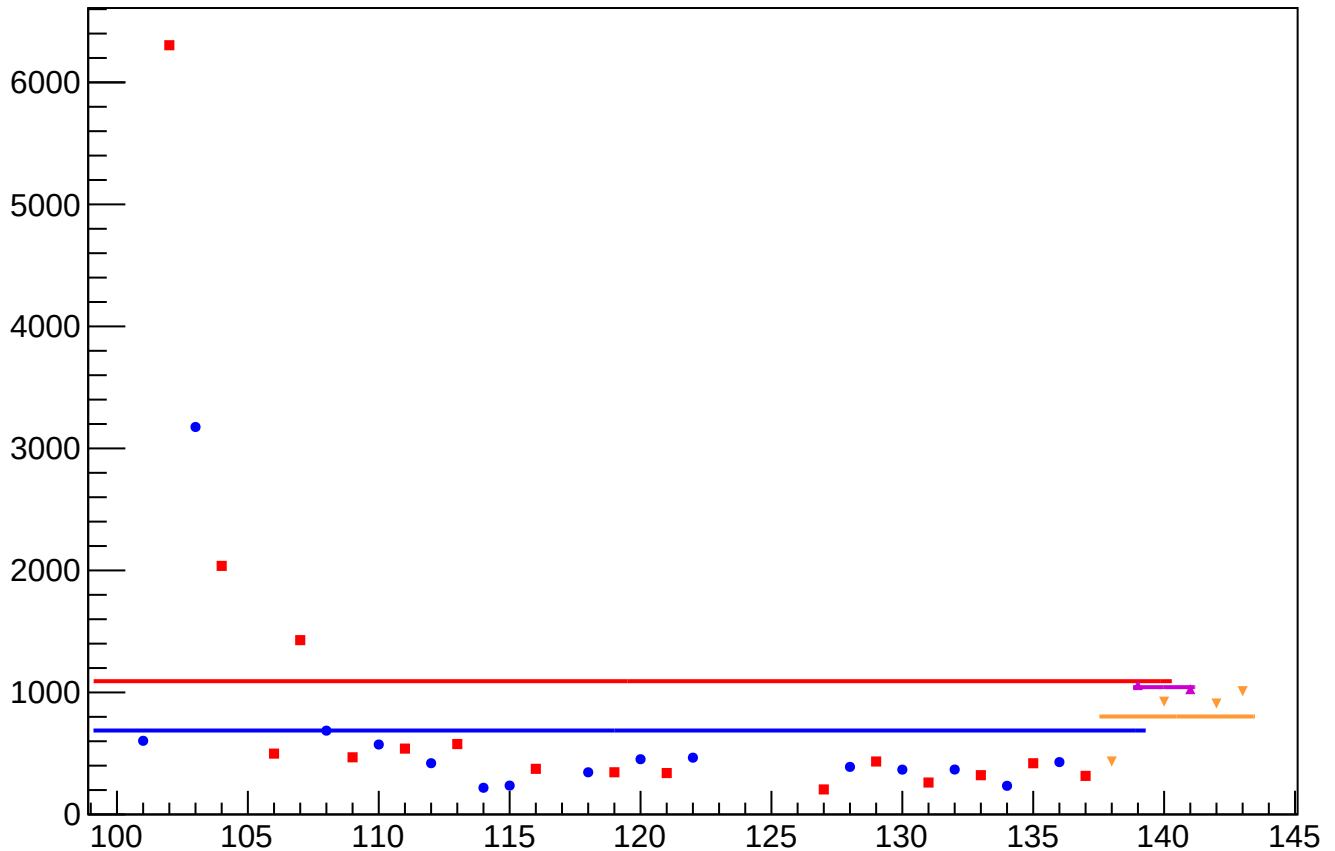
Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14

Left Out: -4168.212+/-0.000 χ^2/NDF : 102468316429632460023050678513723661877248.0/3

Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15

Left In: -17806.994+/-0.000 χ^2/NDF : 545005145091081779147556114237147316224.0/1

dit_atl1_coil1_err_mean vs Slug



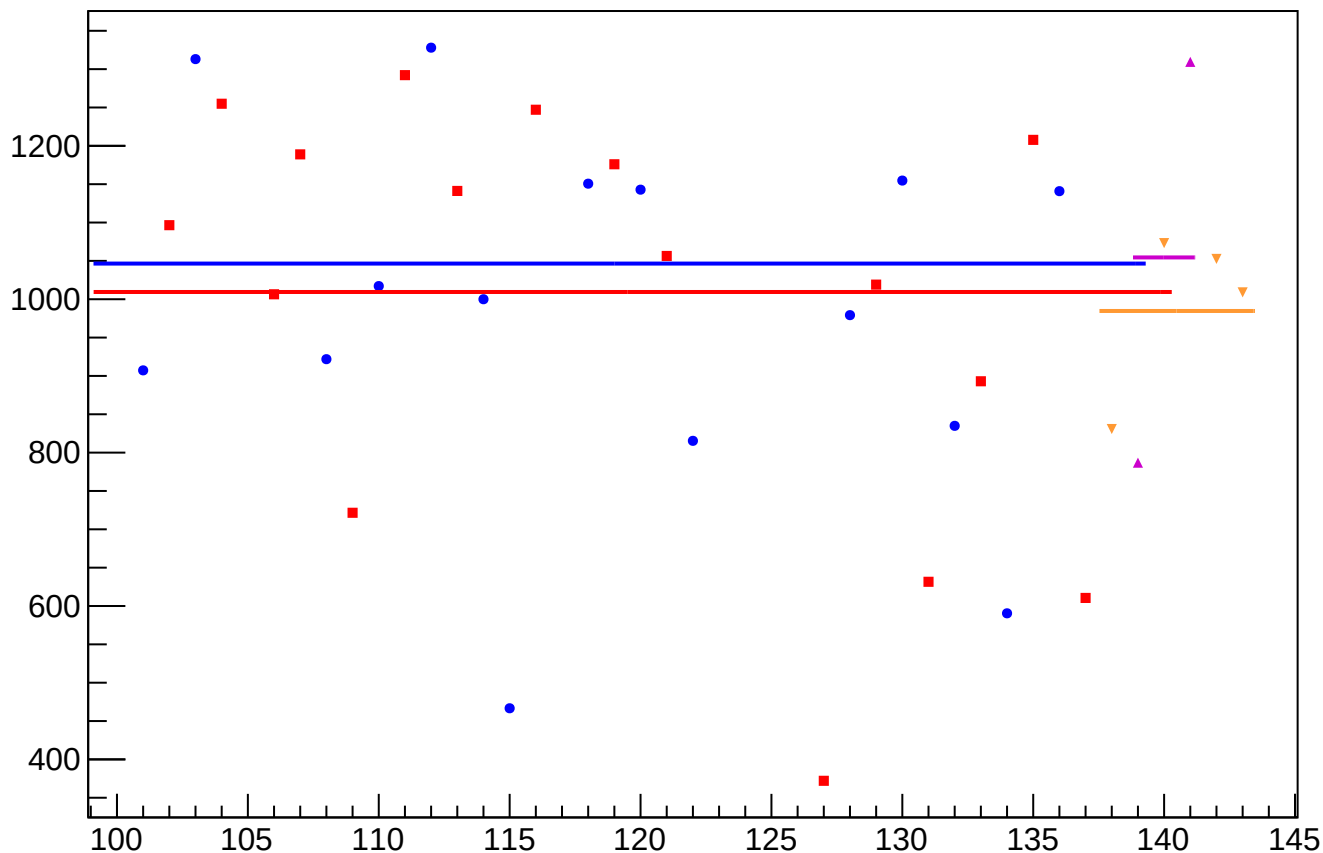
Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 802.796+/-0.000 χ^2/NDF : 15218052061567848553574518594264367104.0/3

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: 1043.388+/-0.000 χ^2/NDF : 46968481174146028303064984413274112.0/1

dit_atl1_coil1_Ndata_mean vs Slug



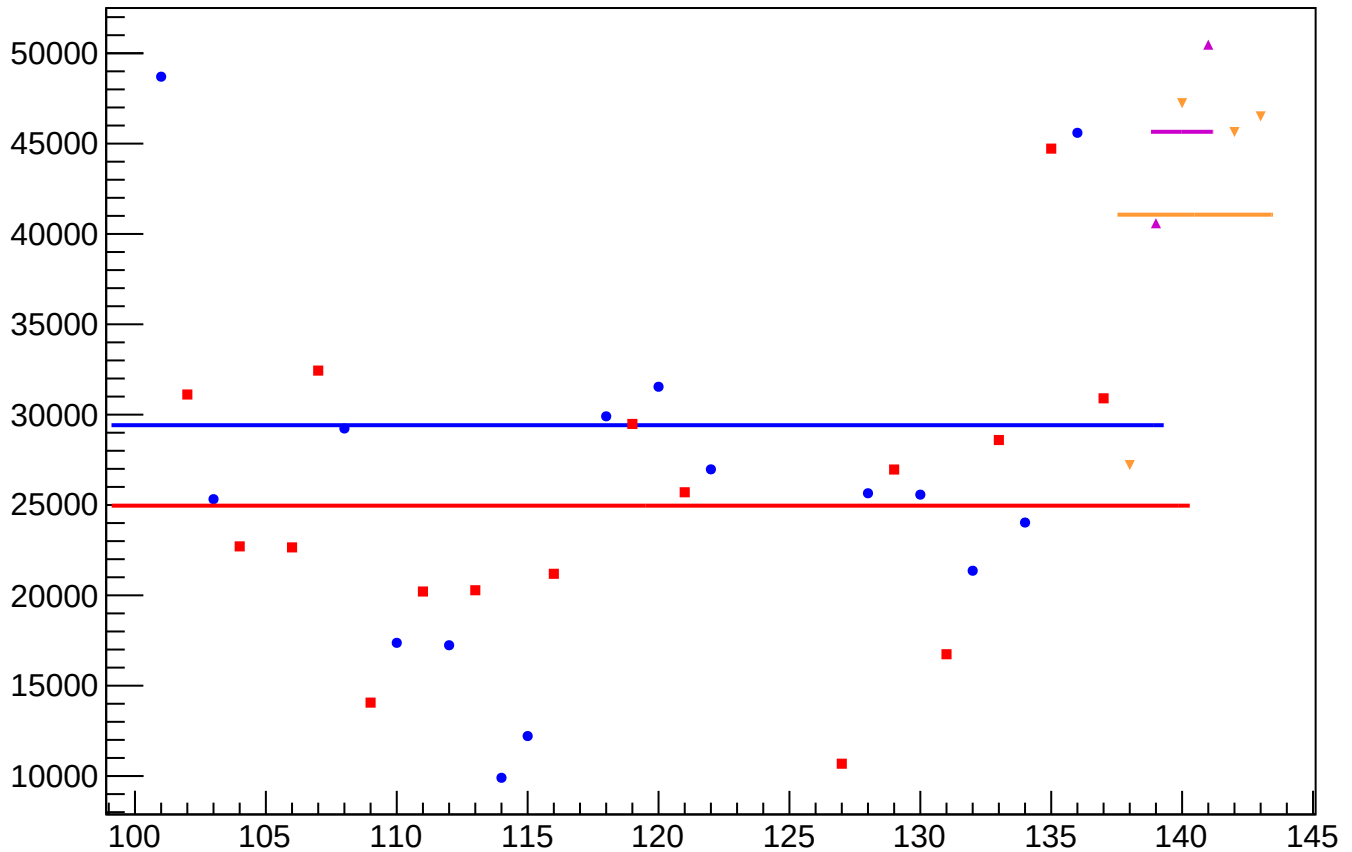
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

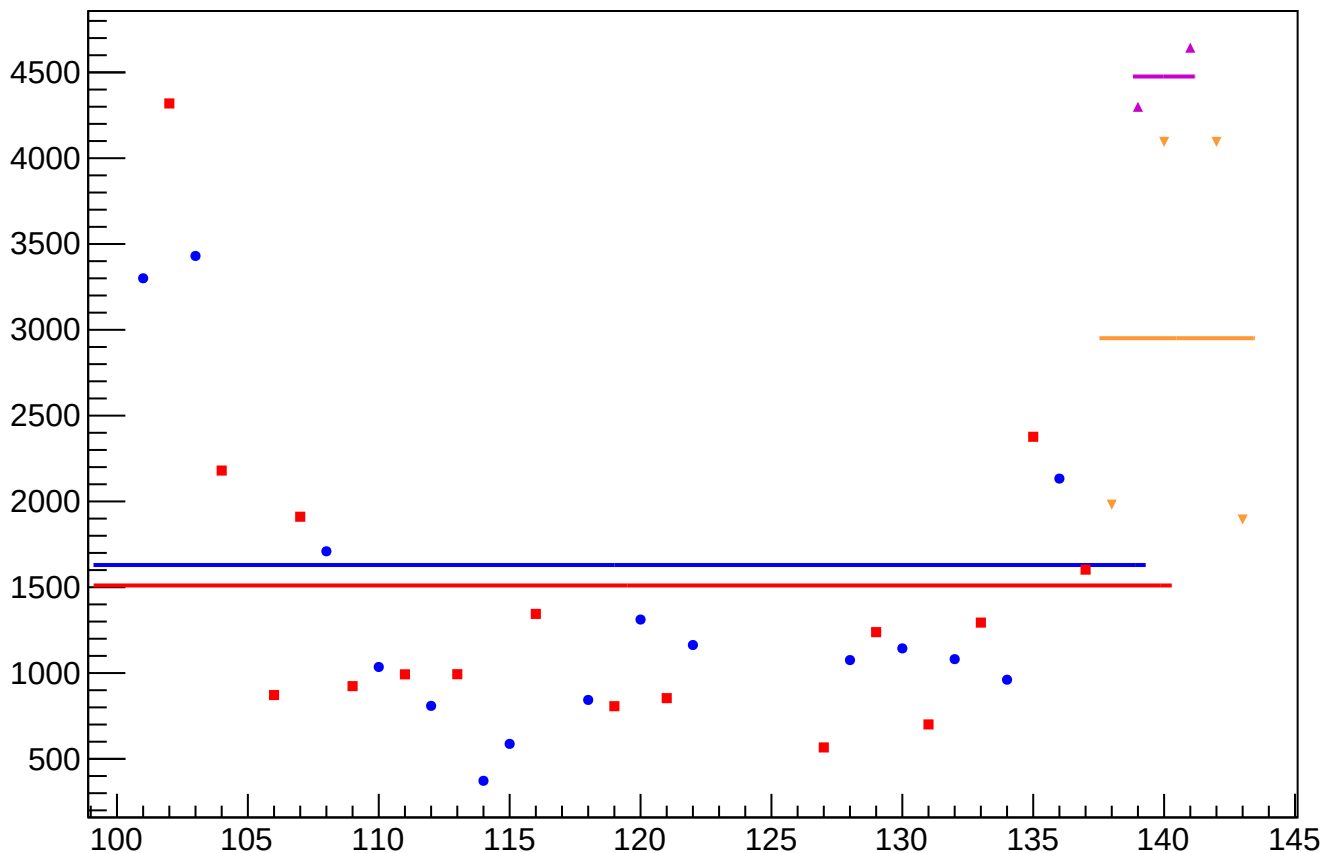
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atl2_coil1_mean vs Slug



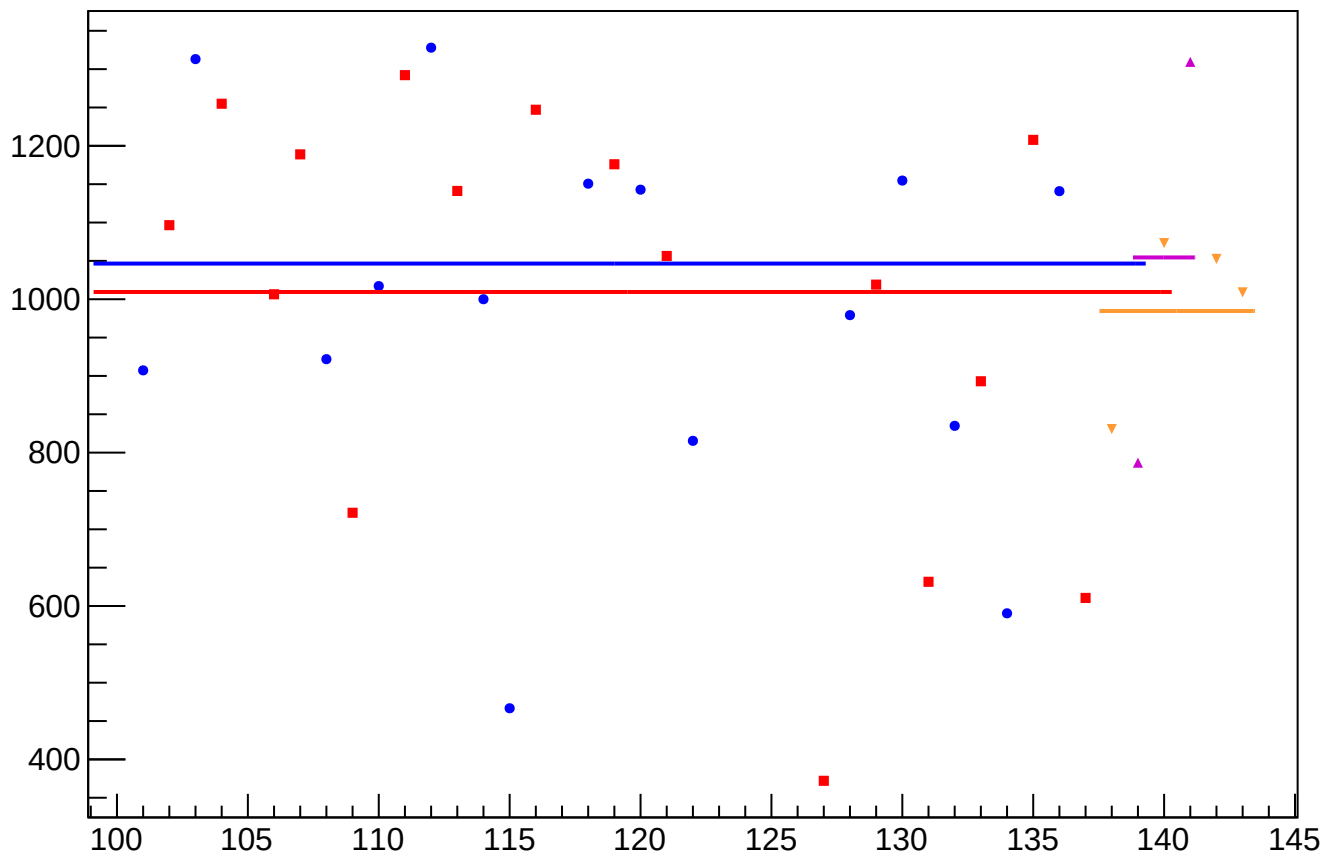
Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 41066.759+/-0.000	χ^2/NDF : 21046070119942149679383156905785132318720.0/3
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 45653.689+/-0.000	χ^2/NDF : 4050141106459007988685620053424966991872.0/1

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 2951.104 $\pm$ 0.000 χ^2 /NDF: 315666190998593754342653398815594250240.0/3
 Right Out: 1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: 4475.984 $\pm$ 0.000 χ^2 /NDF: 4921224332402398845105125452081528832.0/1

dit_atl2_coil1_Ndata_mean vs Slug



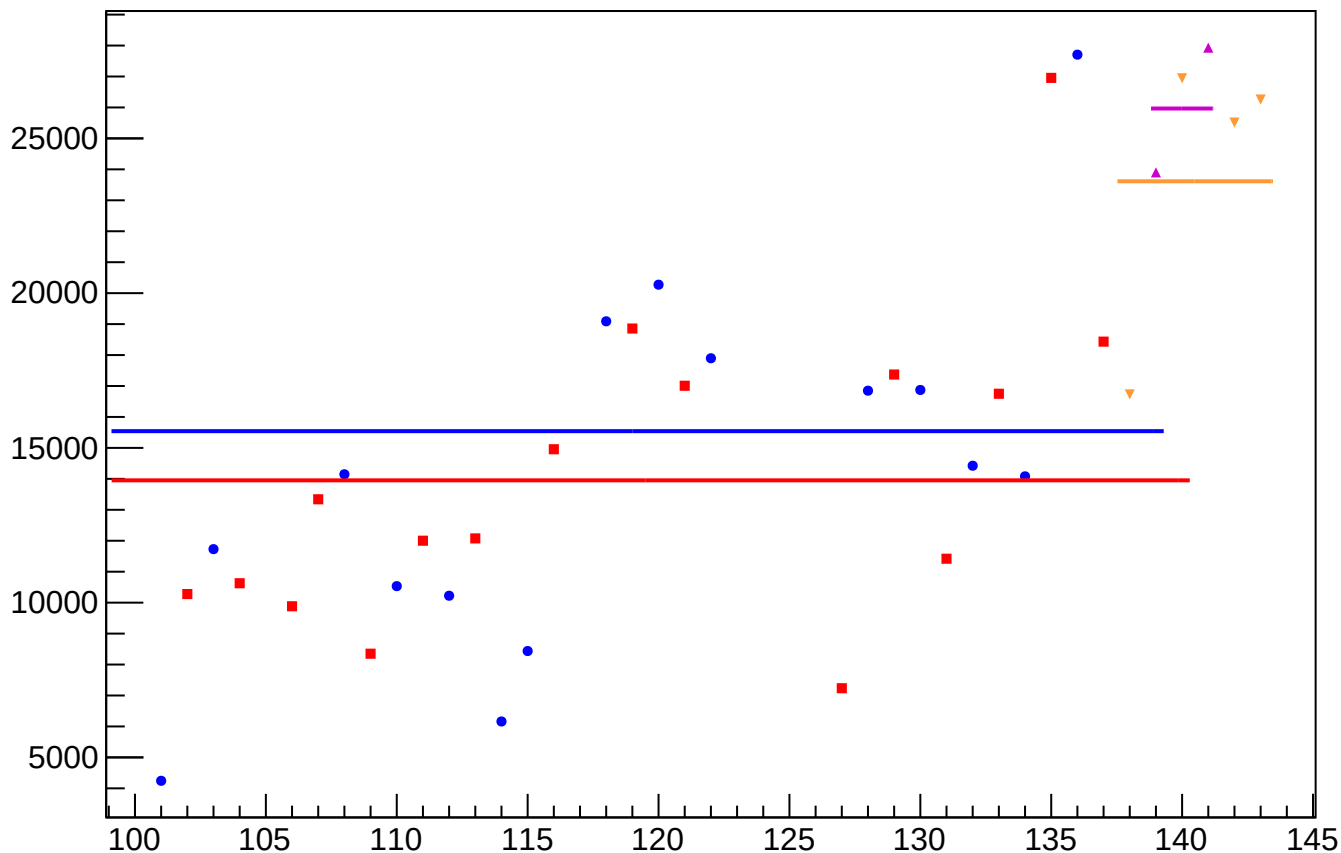
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

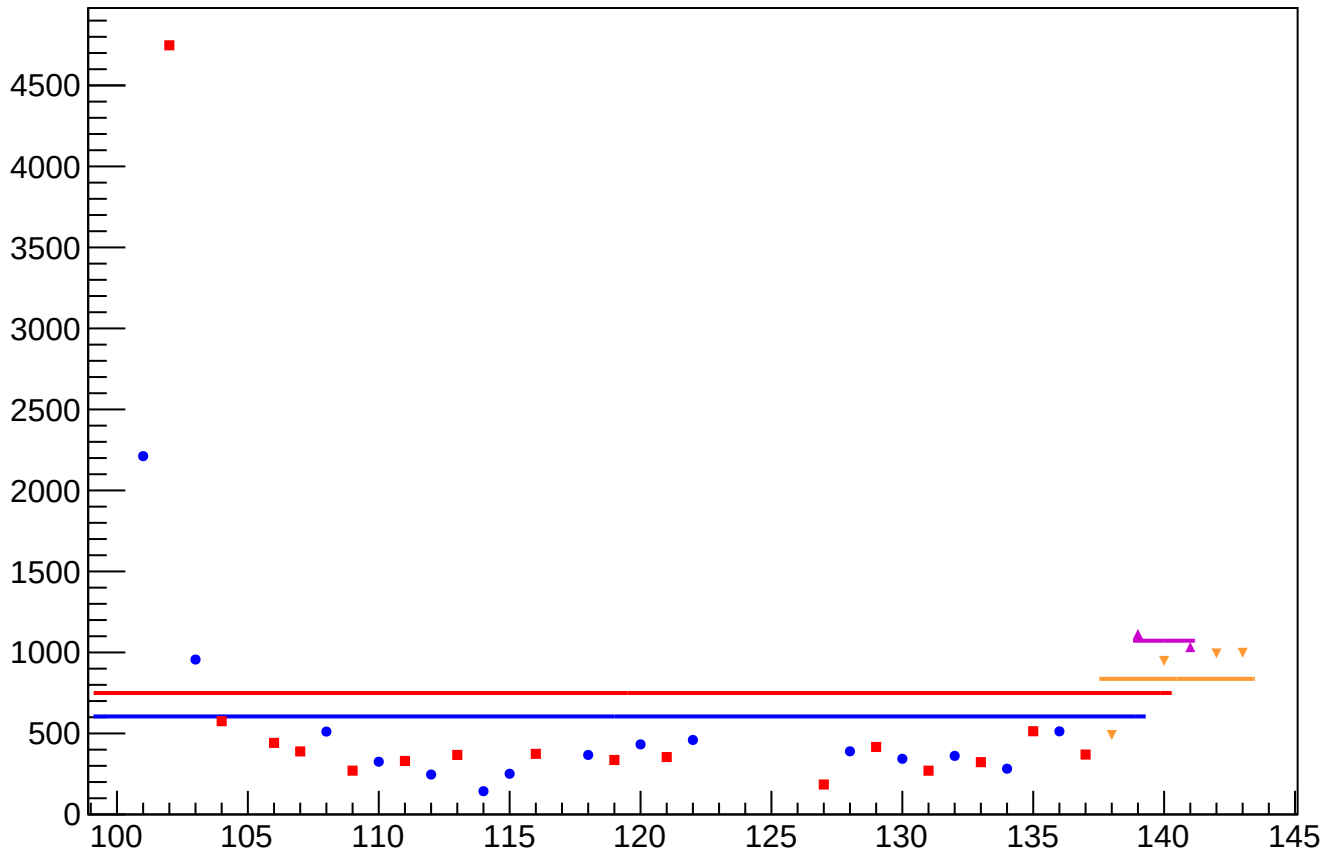
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 23614.136+/-0.000	χ^2/NDF : 5239184590036378811971075138202160332800.0/3
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 25965.385+/-0.000	χ^2/NDF : 673422265764292100765216788515330719744.0/1

dit_atr1_coil1_err_mean vs Slug



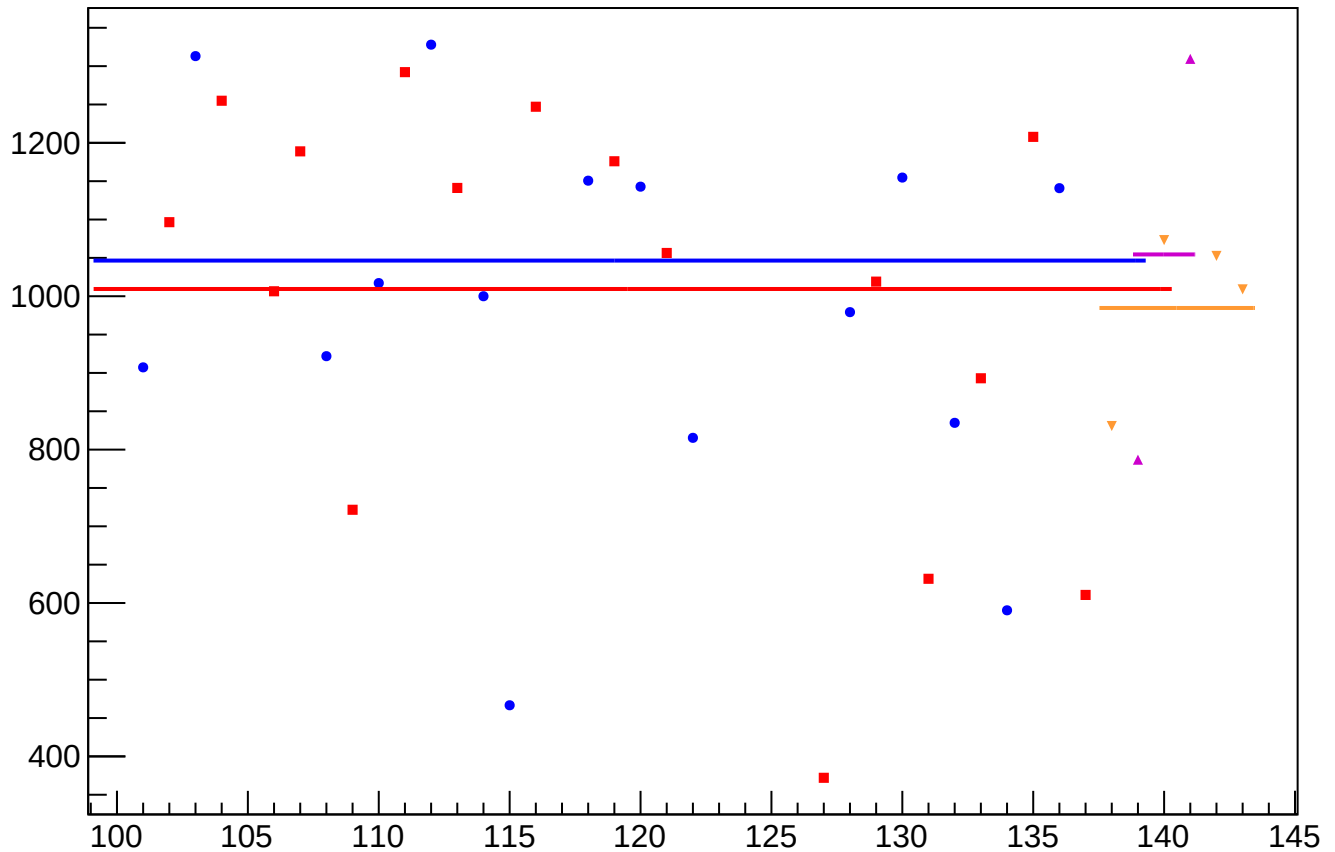
Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 836.904+/-0.000 χ^2/NDF : 13236142245828020357901599723369791488.0/3

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

Left In: 1072.474+/-0.000 χ^2/NDF : 269550662628072246754753710192066560.0/1

dit_atr1_coil1_Ndata_mean vs Slug



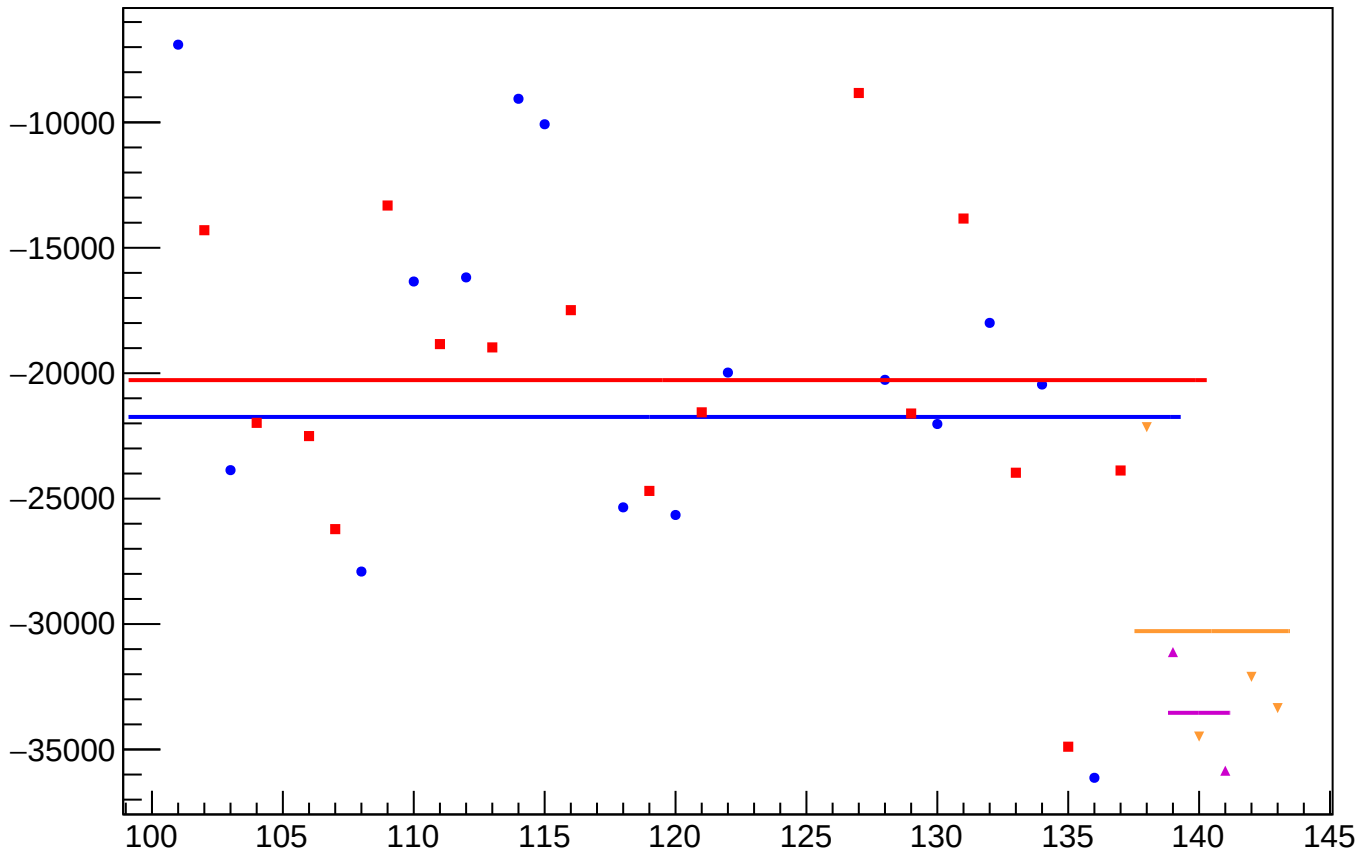
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

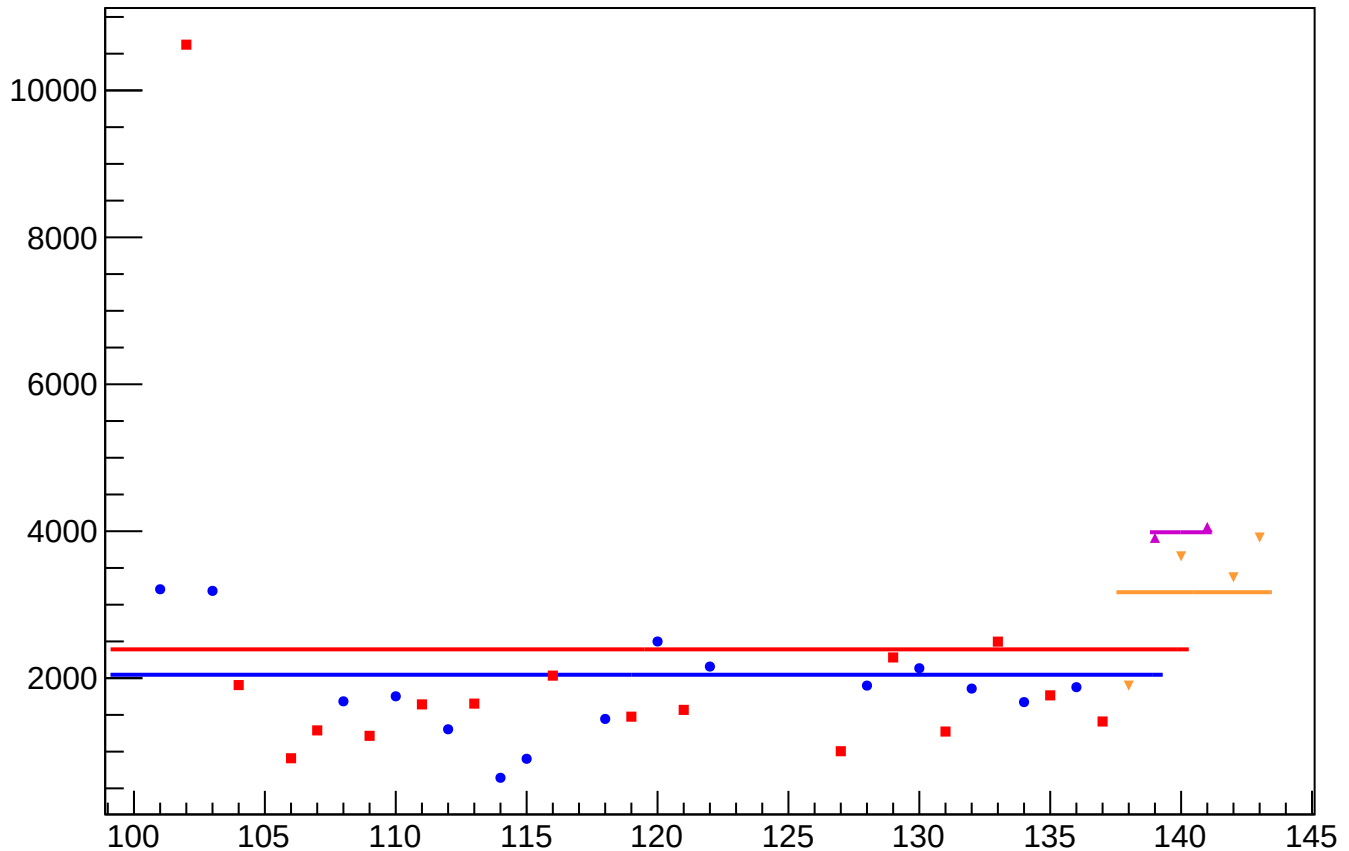
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atr2_coil1_mean vs Slug



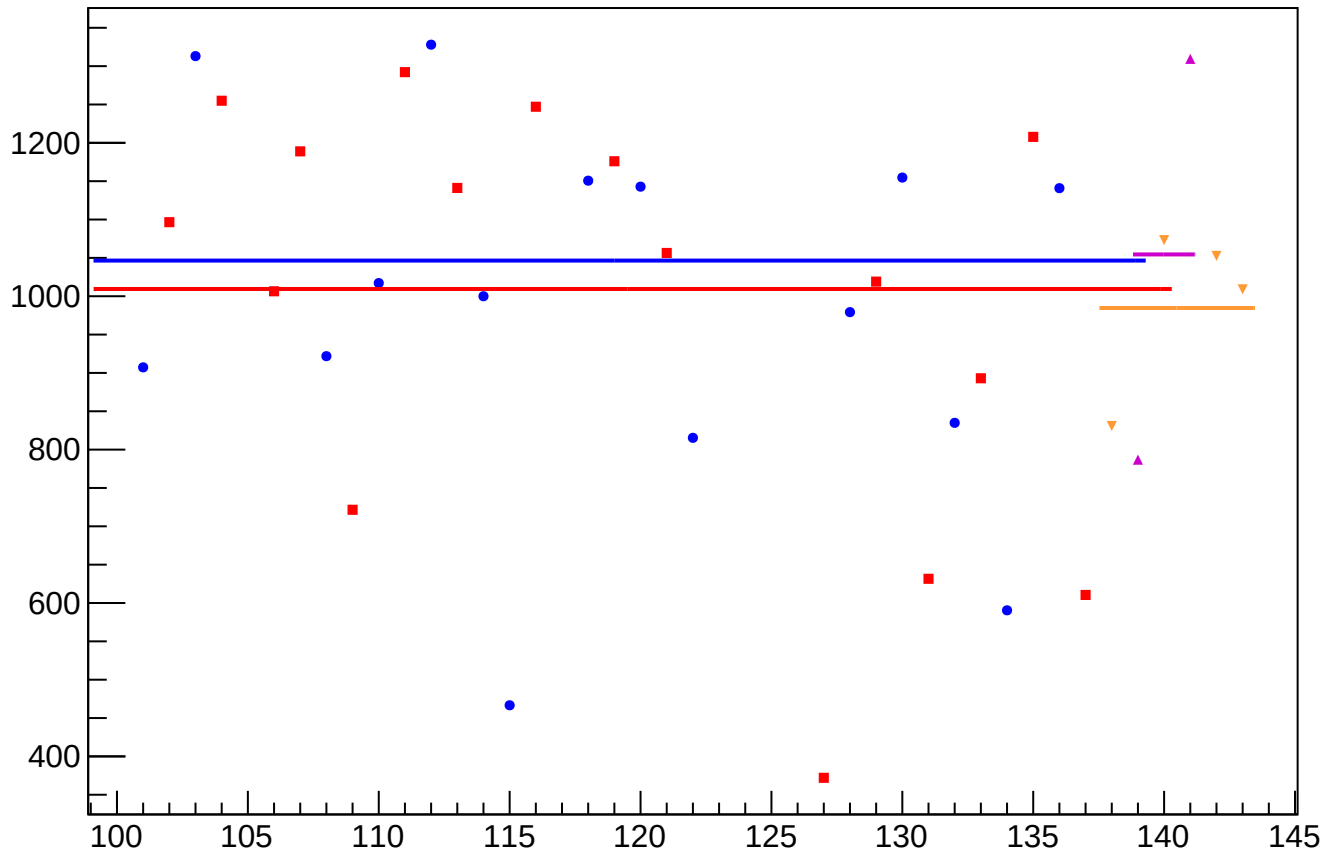
Right In: -21743.360+/-0.000	χ^2/NDF : 41106858823579527325198675675398793068544.0/14
Left Out: -30282.271+/-0.000	χ^2/NDF : 7388744856184900054168561337066175070208.0/3
Right Out: -20275.415+/-0.000	χ^2/NDF : 25935869132092920231681532417627320745984.0/15
Left In: -33538.862+/-0.000	χ^2/NDF : 927384634111121891341010023388515663872.0/1

dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 3169.927+/-0.000	χ^2/NDF : 184631247266405720127844960372135034880.0/3
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3986.061+/-0.000	χ^2/NDF : 924172041771718546173609546906337280.0/1

dit_atr2_coil1_Ndata_mean vs Slug



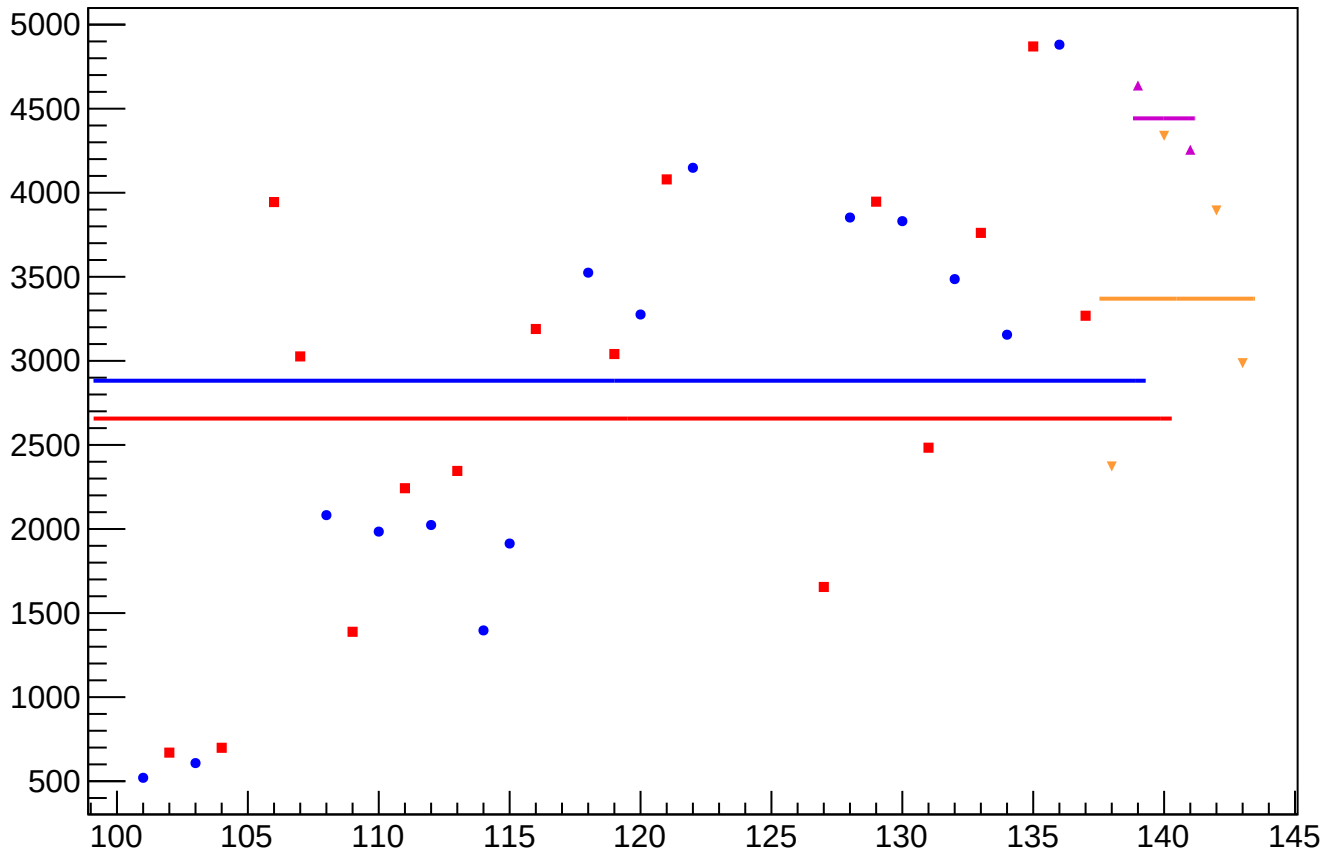
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

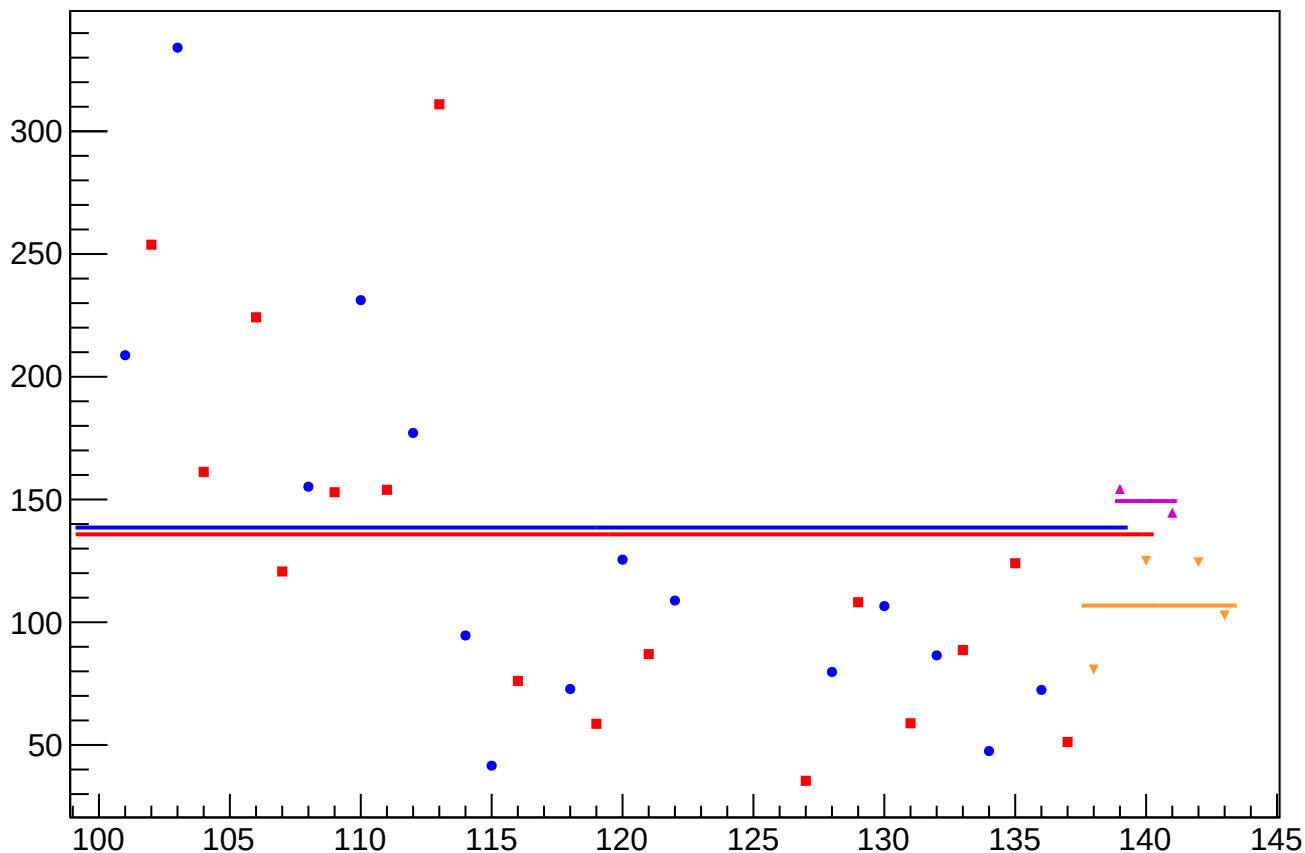
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam1_coil1_mean vs Slug



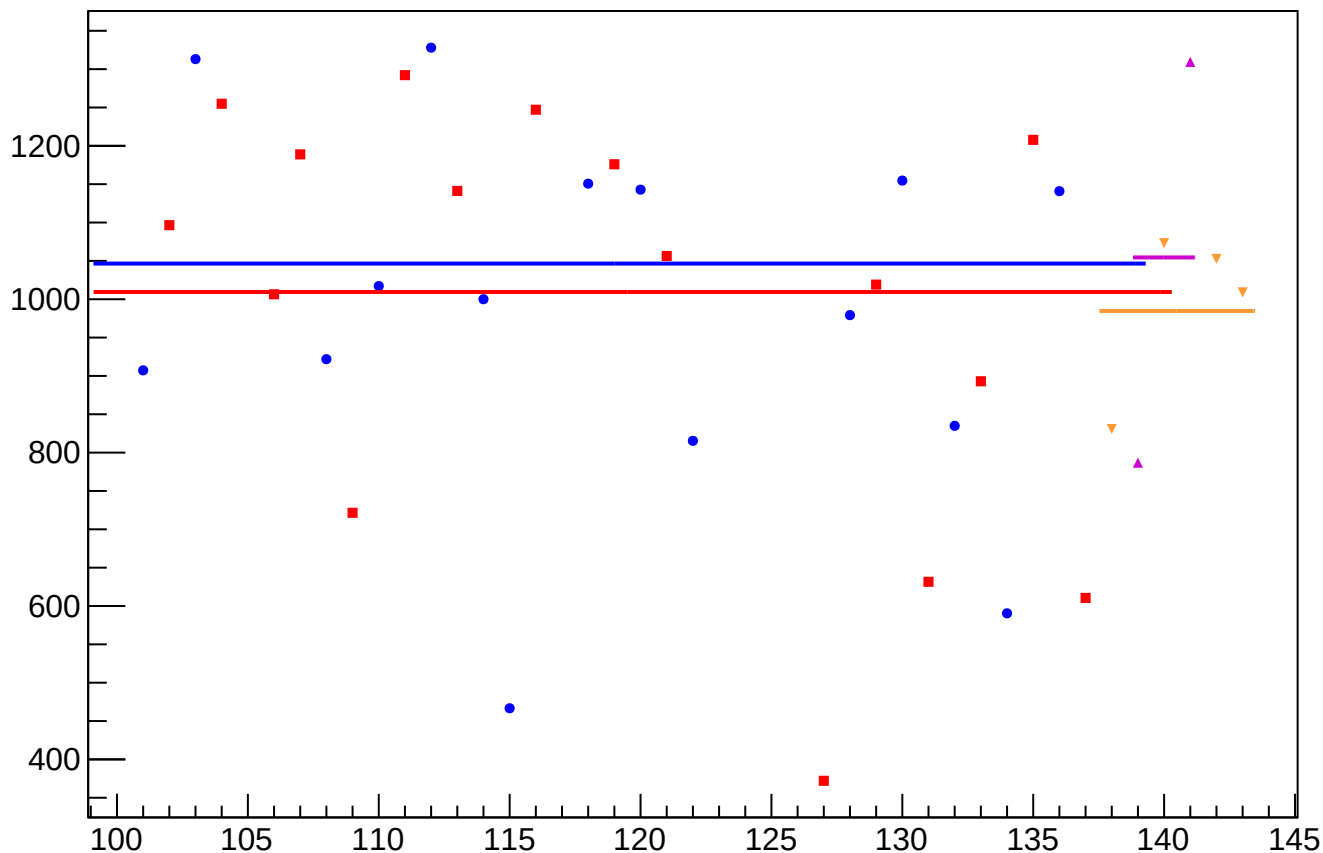
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 3369.909+/-0.000 χ^2/NDF : 177141415623035685699271134052215685120.0/3
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 4442.394+/-0.000 χ^2/NDF : 6053450054791983904415046411579555840.0/1

dit_sam1_coil1_err_mean vs Slug



Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Left Out: 106.793+/-0.000 χ^2/NDF : 95577850641571016628267005549477888.0/3
 Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 Left In: 149.360+/-0.000 χ^2/NDF : 3854310868698127117572258530328576.0/1

dit_sam1_coil1_Ndata_mean vs Slug



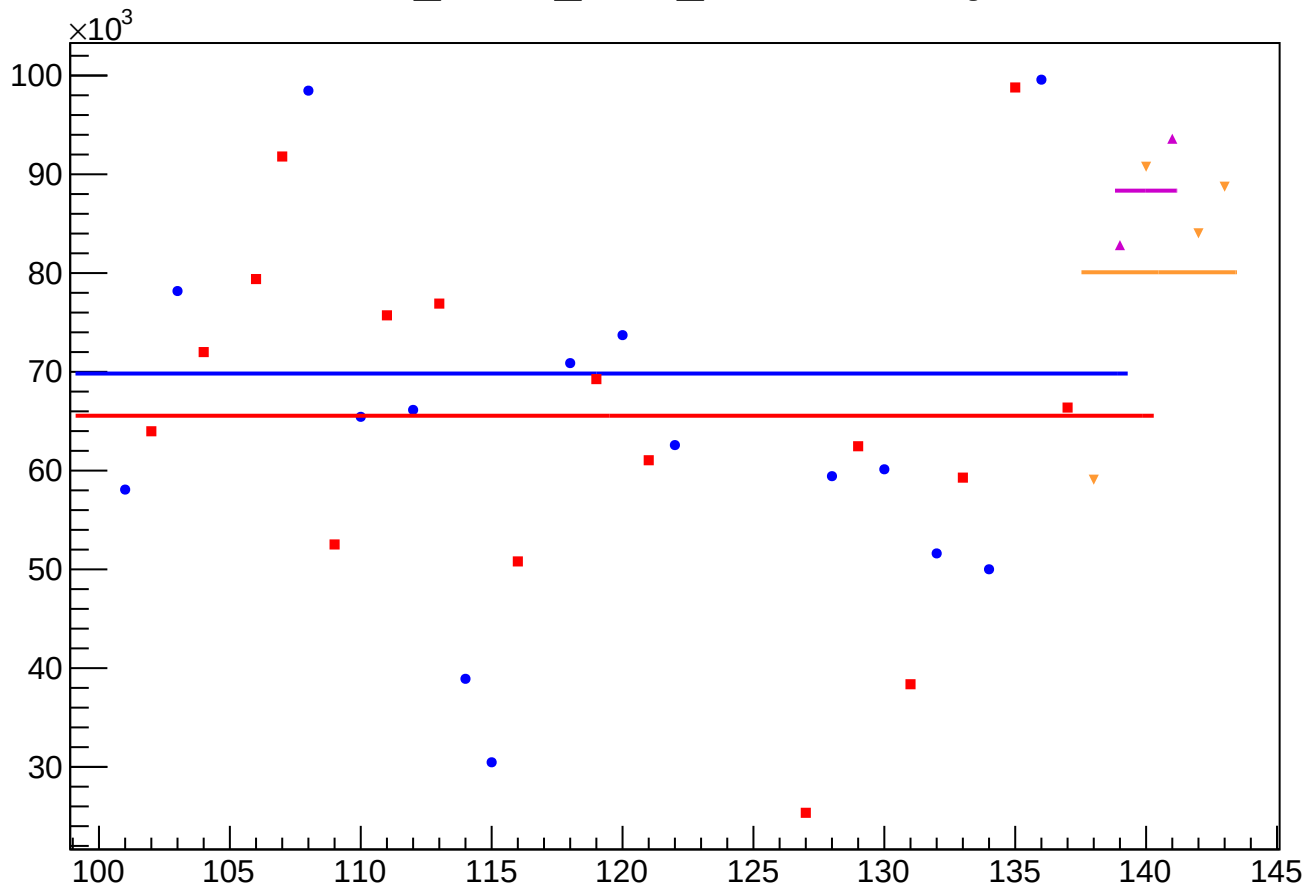
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

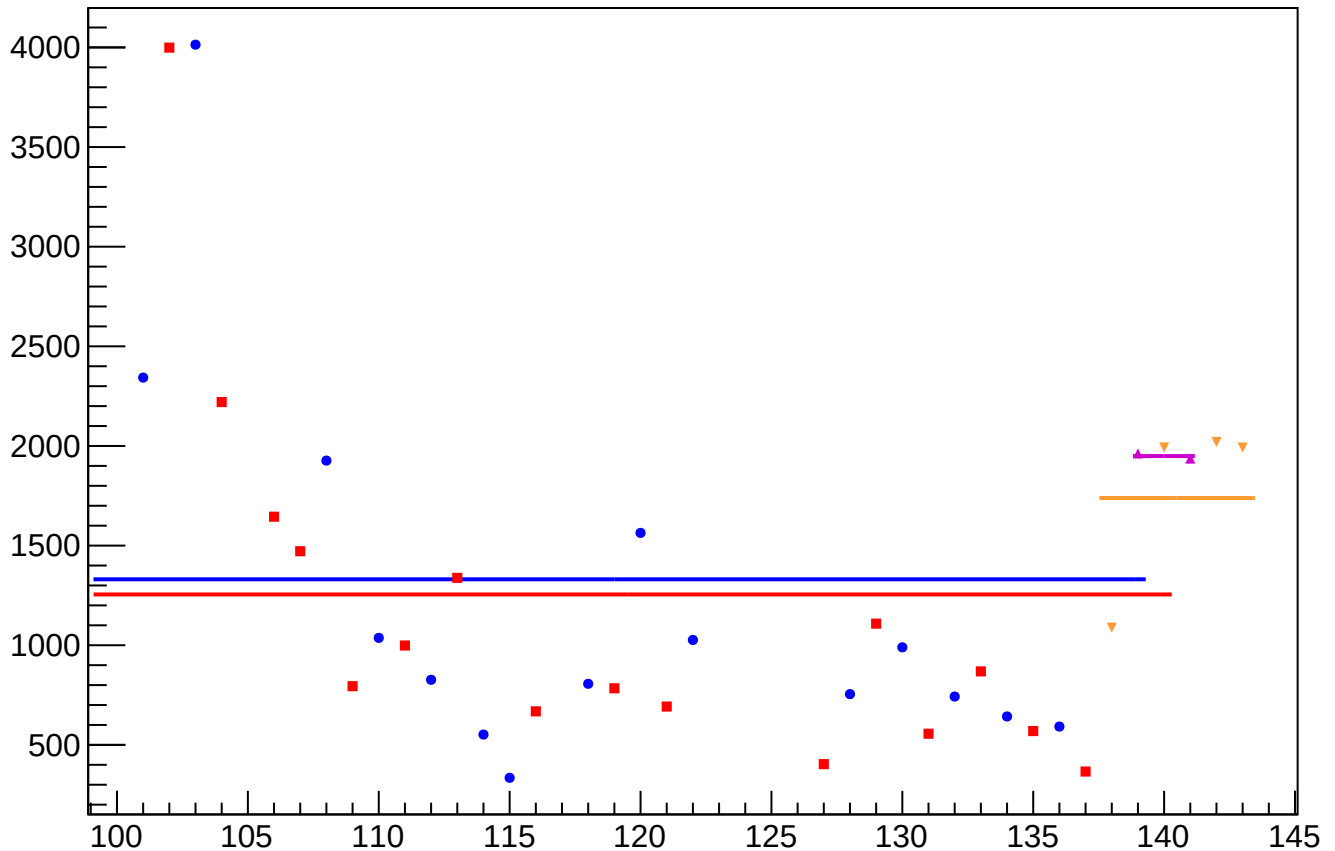
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam2_coil1_mean vs Slug



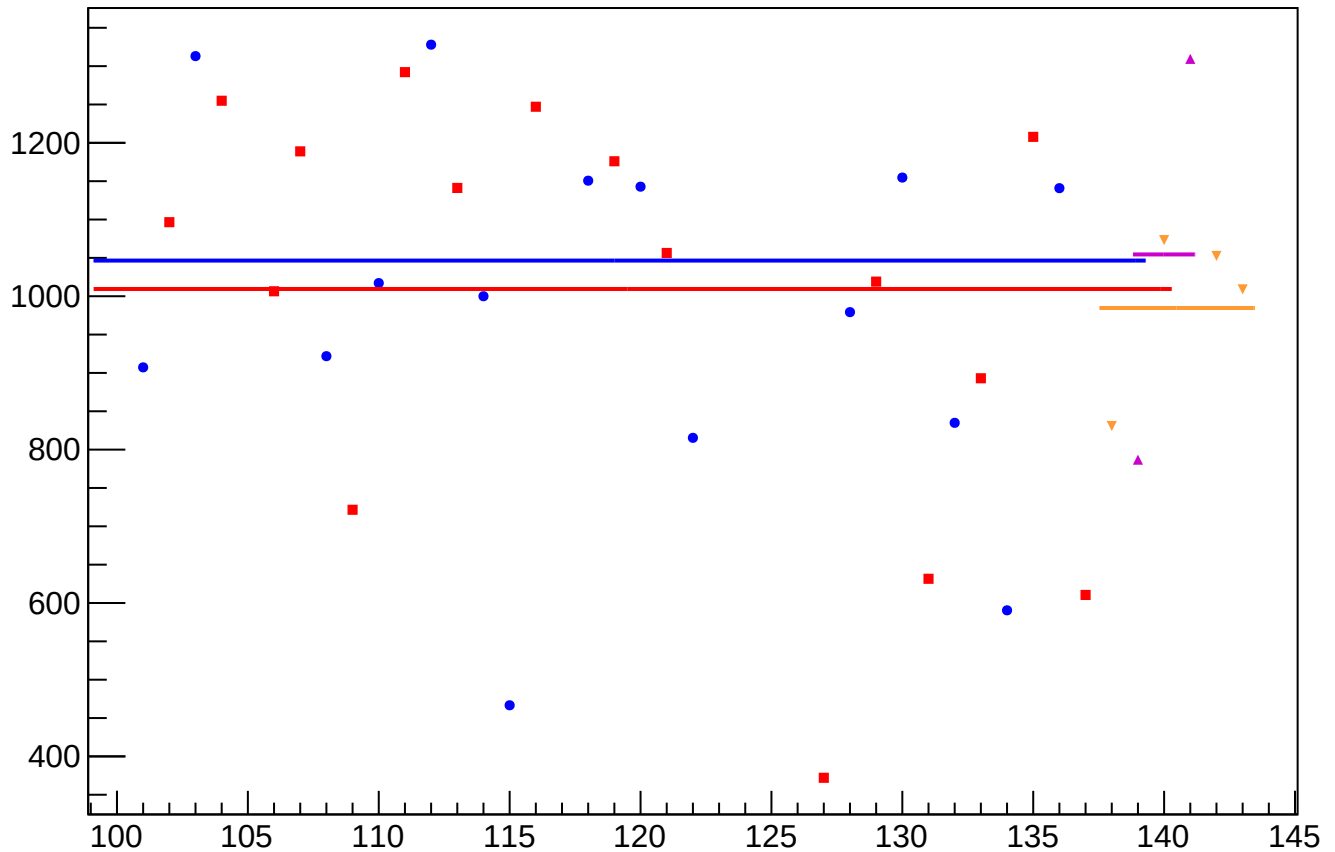
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 80081.094 $\pm$ 0.000 χ^2 /NDF: 49510037583887881347231610412118887628800.0/3
 Right Out: 65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: 88344.645 $\pm$ 0.000 χ^2 /NDF: 4814027674989859975264681620030714019840.0/1

dit_sam2_coil1_err_mean vs Slug



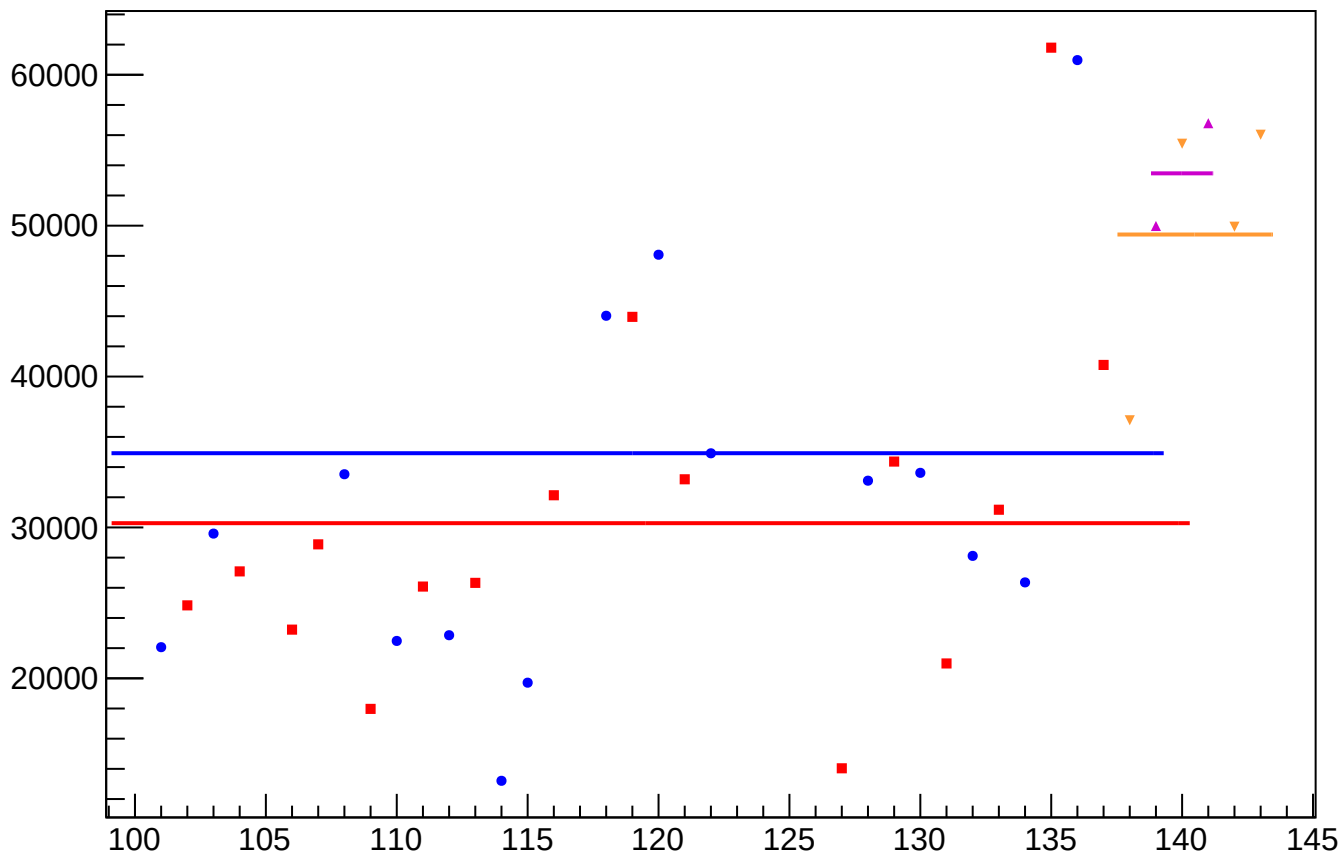
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1738.713+/-0.000 χ^2/NDF : 46237404933673122218854607758901116928.0/3
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1949.324+/-0.000 χ^2/NDF : 27743415369310179562792274272190464.0/1

dit_sam2_coil1_Ndata_mean vs Slug



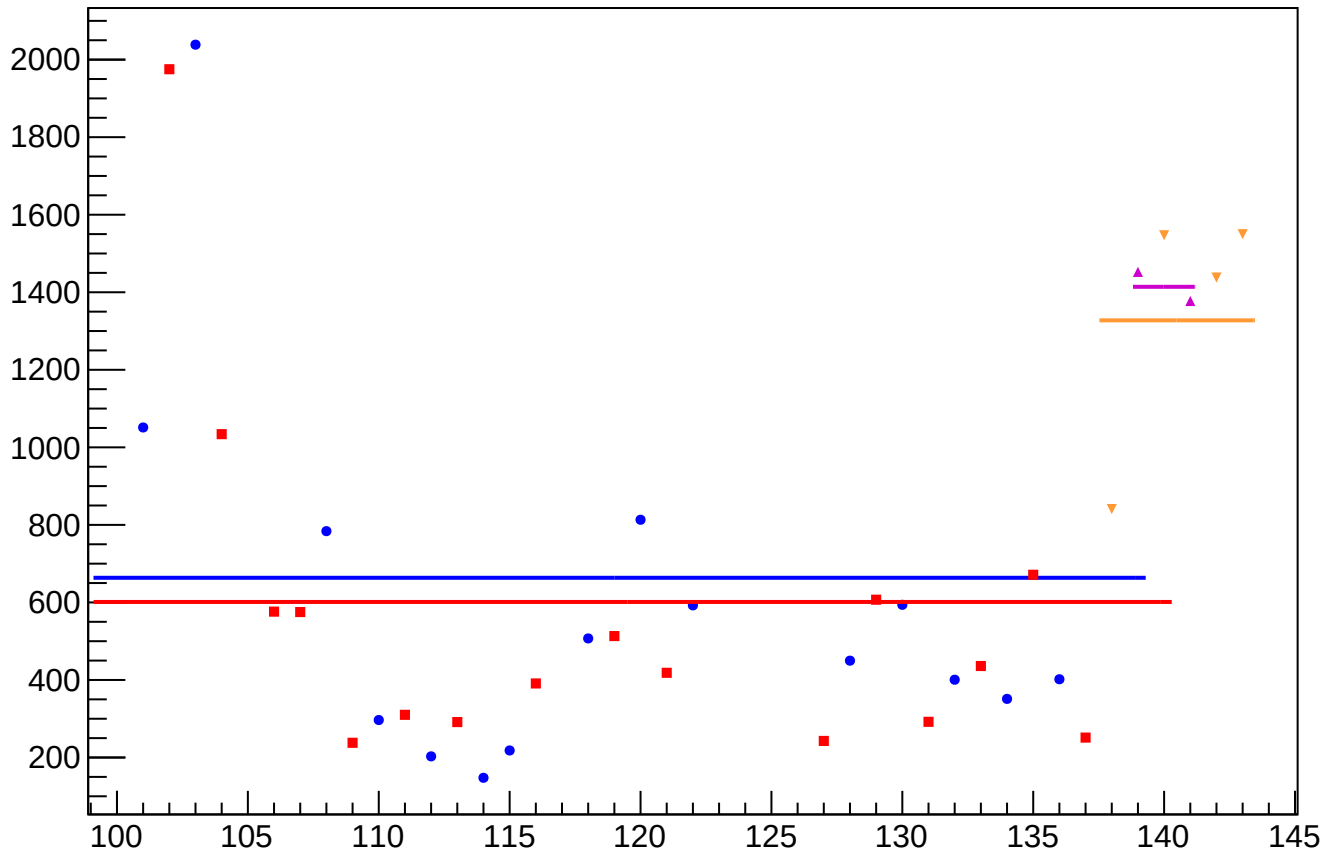
Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 984.681 +/- 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1054.494 +/- 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam3_coil1_mean vs Slug



Right In: 34919.716+/-0.000	χ^2/NDF : 106387385440718622155122541848729997017088.0/14
Left Out: 49413.647+/-0.000	χ^2/NDF : 17736165203842715061343433548903231782912.0/3
Right Out: 30282.373+/-0.000	χ^2/NDF : 88346165266593126627598951693506073067520.0/15
Left In: 53467.563+/-0.000	χ^2/NDF : 1923836453984607776348651316697387499520.0/1

dit_sam3_coil1_err_mean vs Slug



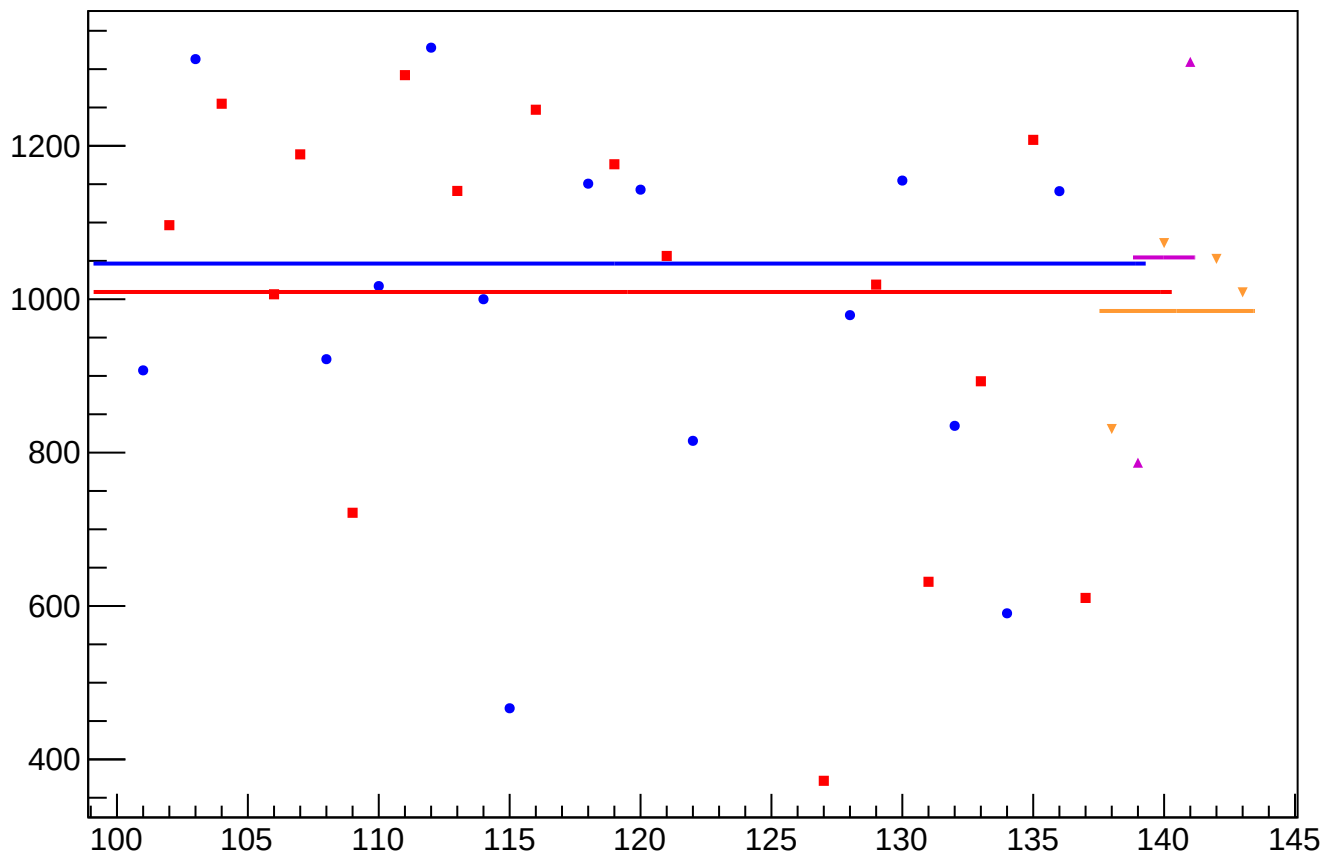
Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 1327.589+/-0.000 χ^2/NDF : 26292142748221616914618678027290148864.0/3

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

Left In: 1414.069+/-0.000 χ^2/NDF : 233600664888010205360280308147027968.0/1

dit_sam3_coil1_Ndata_mean vs Slug



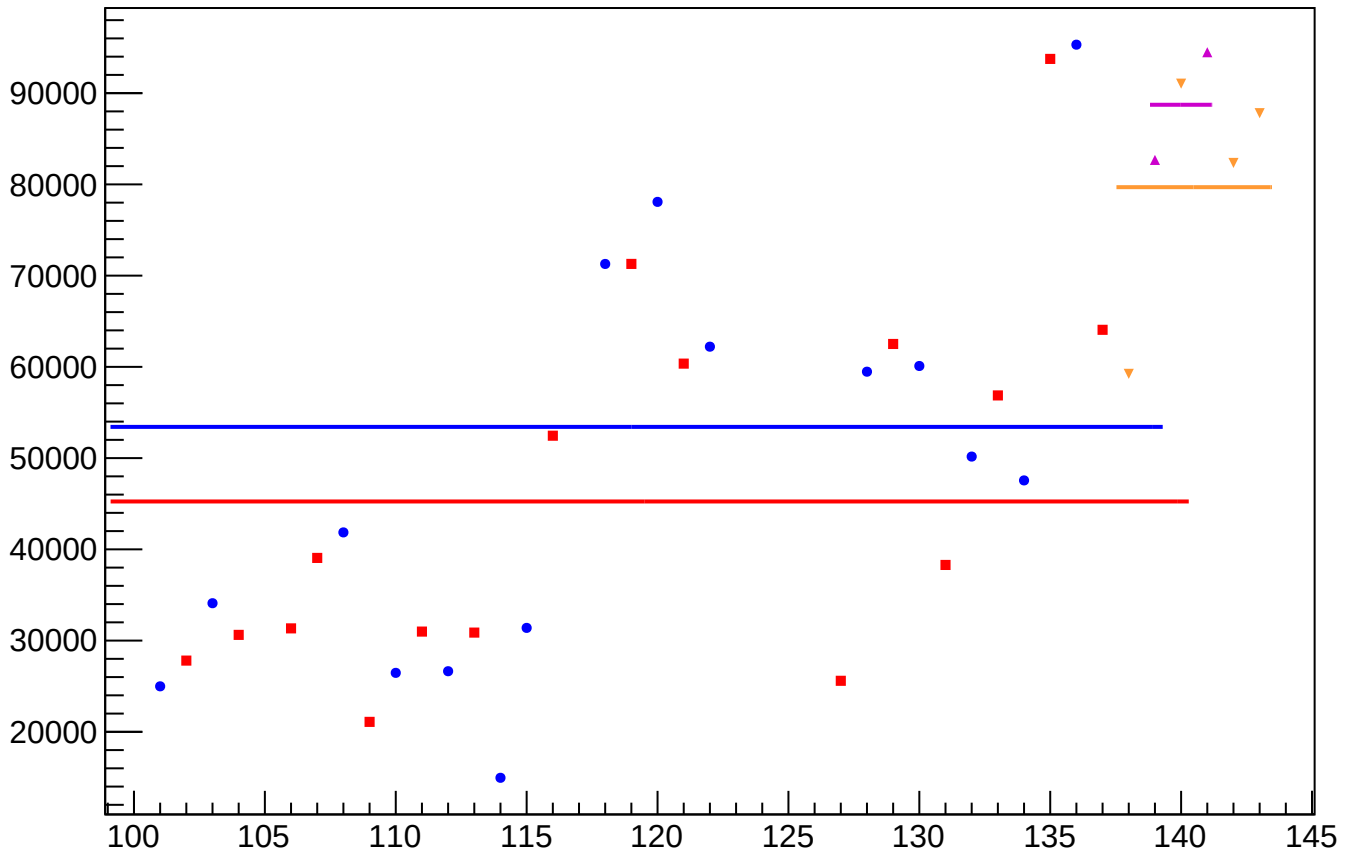
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

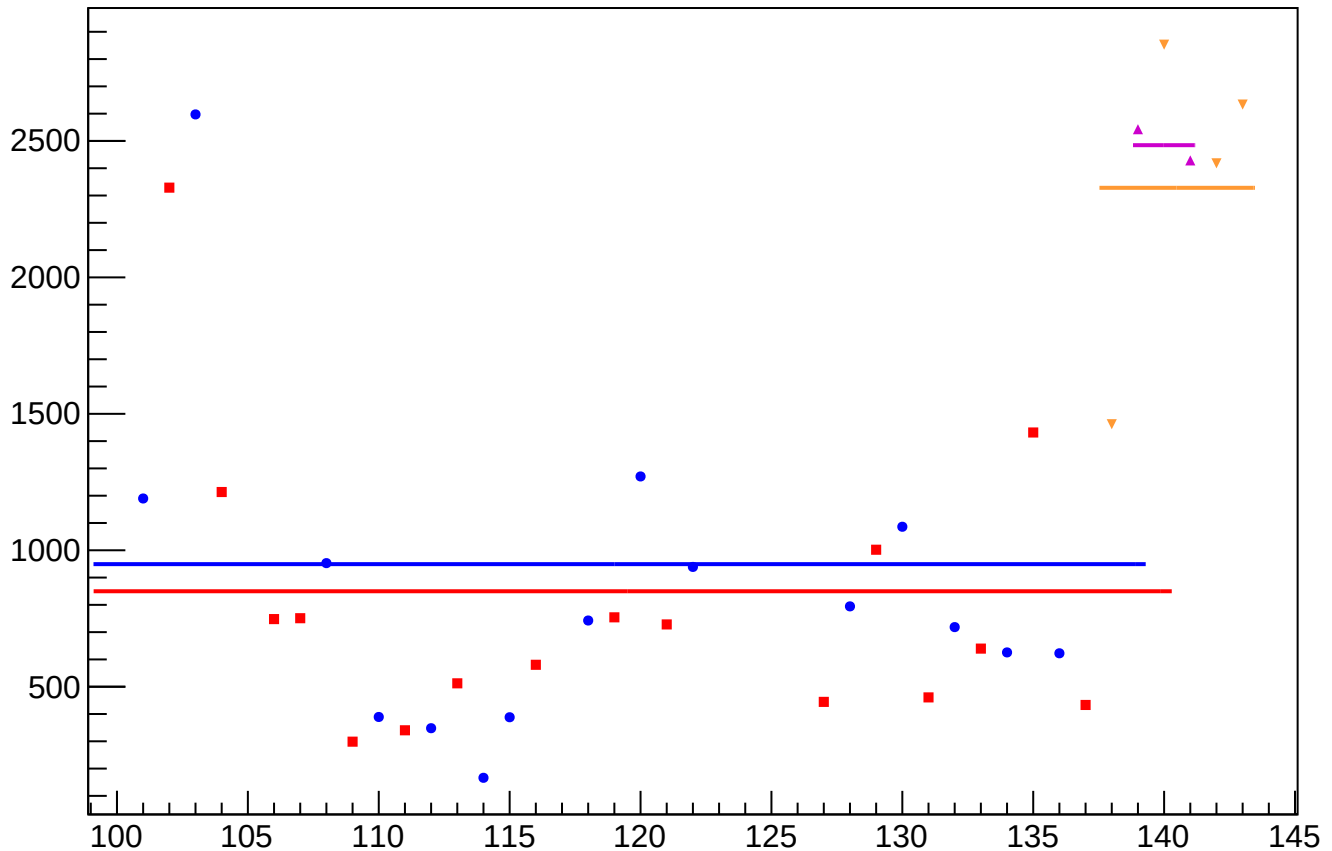
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 79694.948+/-0.000 χ^2/NDF : 47933304088285565729810946190919440793600.0/3
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 88726.619+/-0.000 χ^2/NDF : 5776677186666036905341987251144032780288.0/1

dit_sam4_coil1_err_mean vs Slug



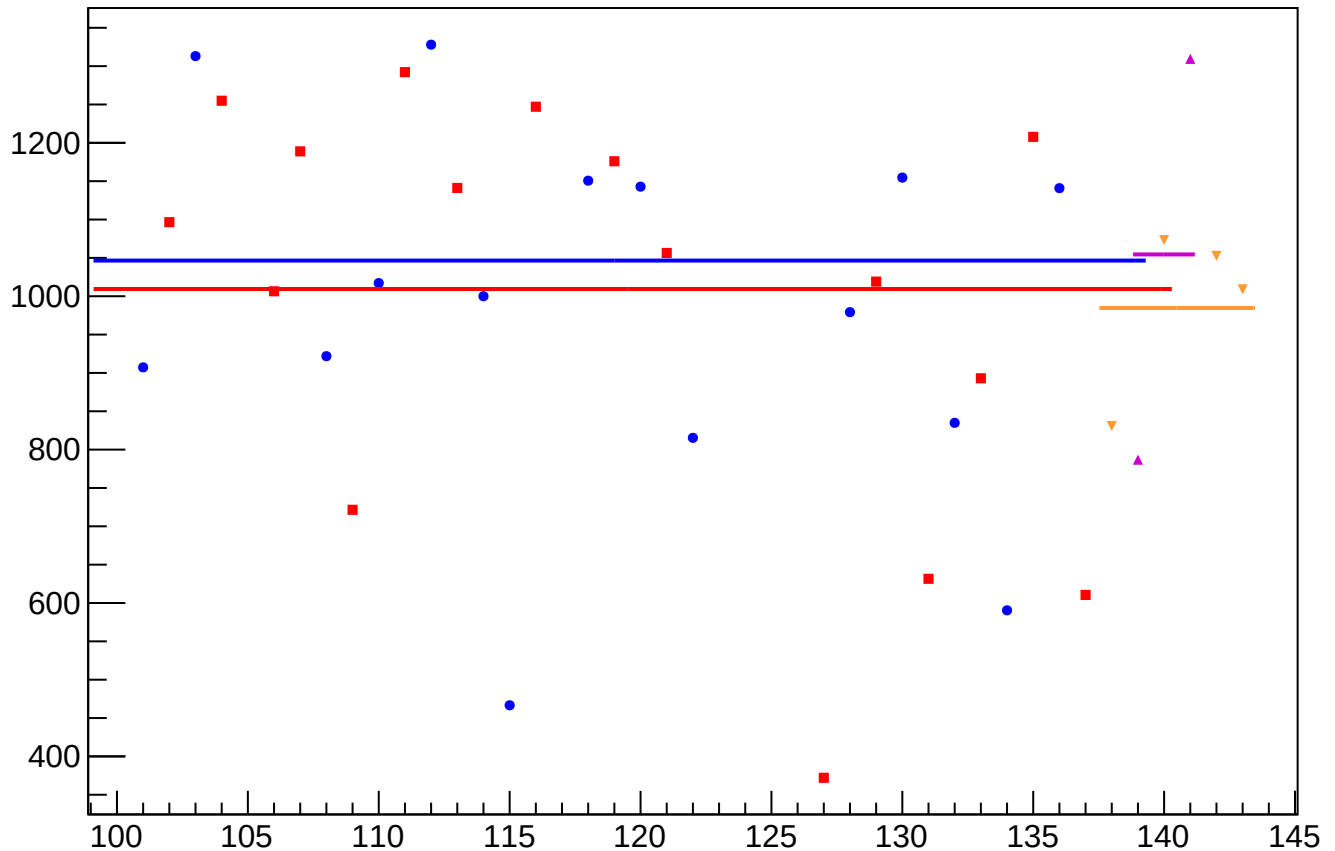
Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 2328.282+/-0.000 χ^2/NDF : 87718126422118032096356466270717083648.0/3

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

Left In: 2484.482+/-0.000 χ^2/NDF : 542022778435942644225131356243361792.0/1

dit_sam4_coil1_Ndata_mean vs Slug



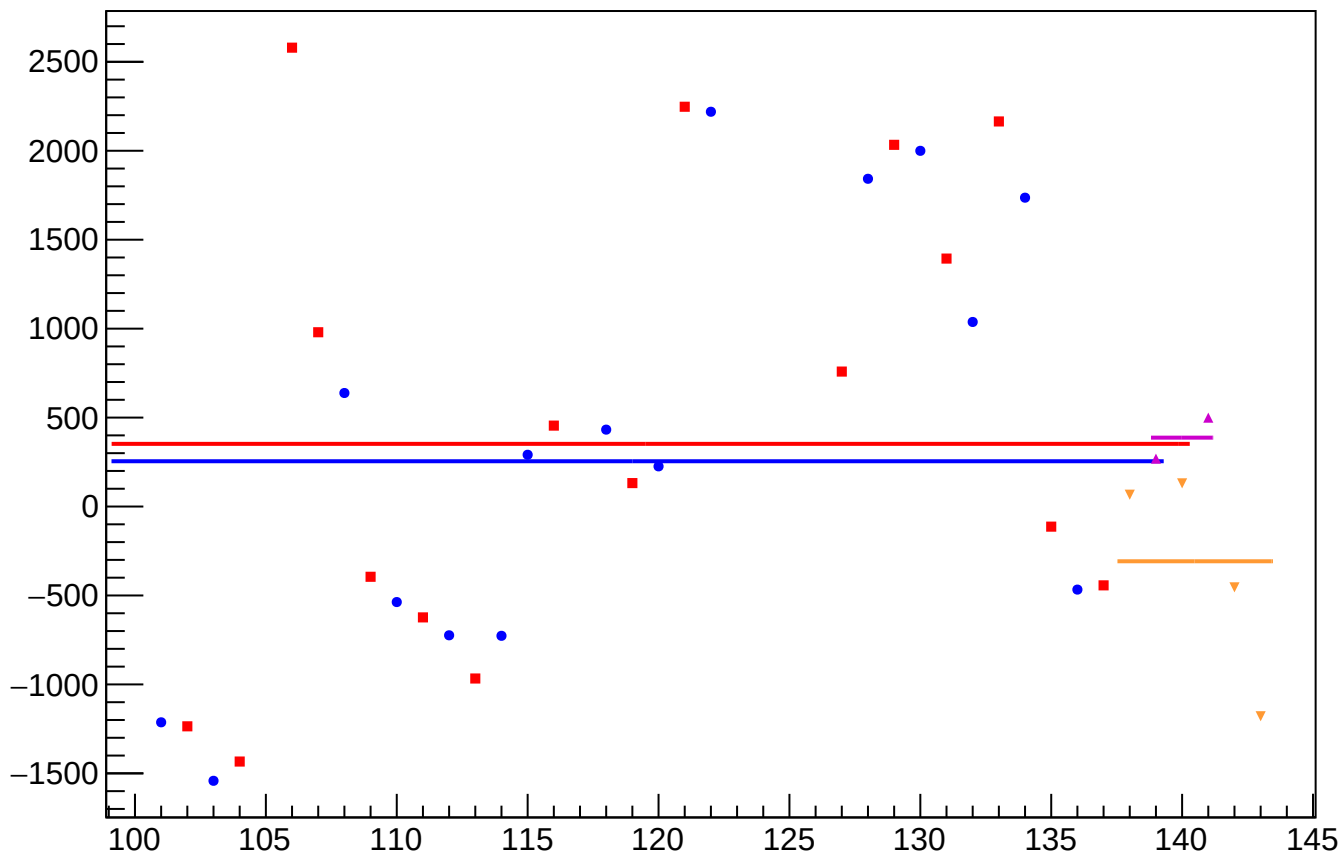
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam5_coil1_mean vs Slug



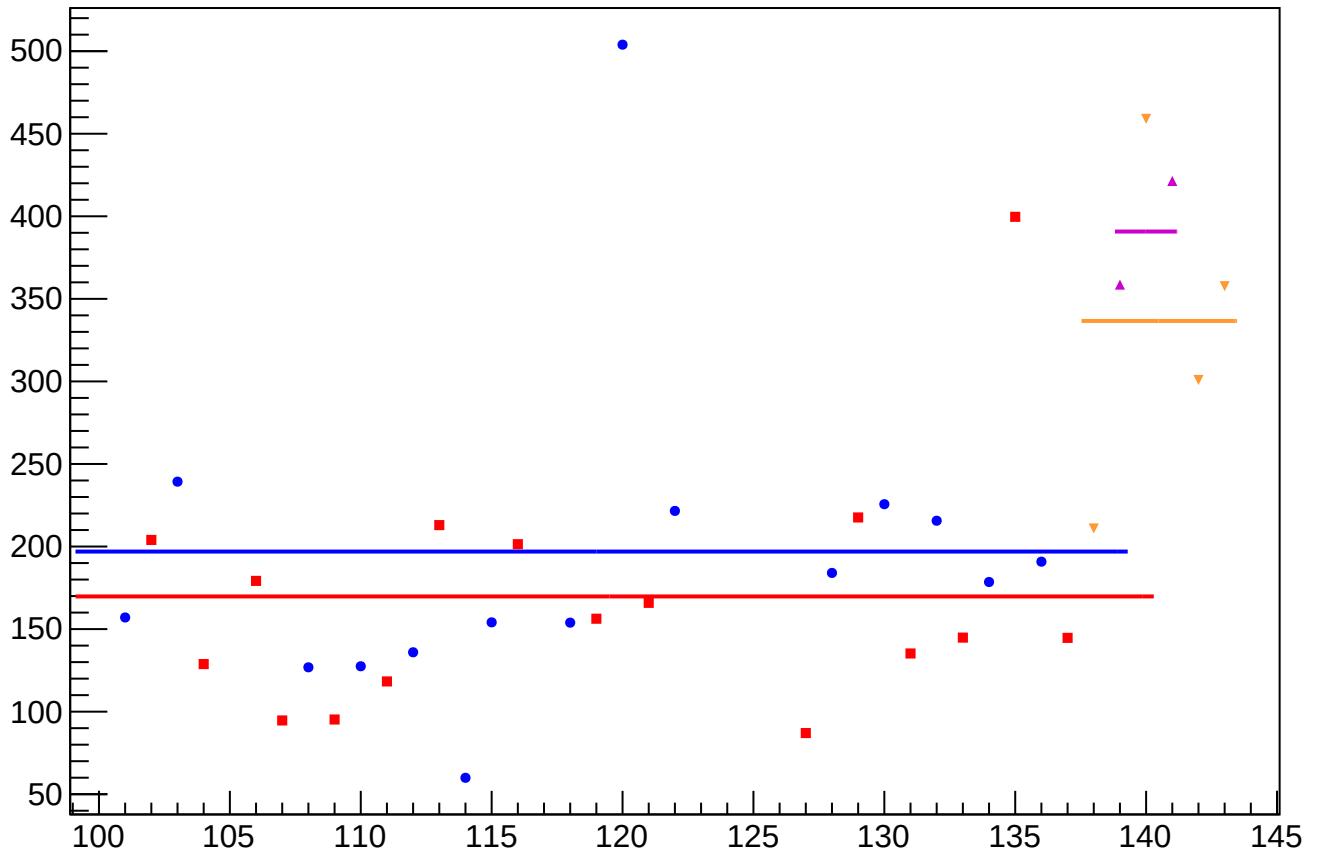
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -307.762+/-0.000 χ^2/NDF : 78510521201208646536982839272939716608.0/3

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

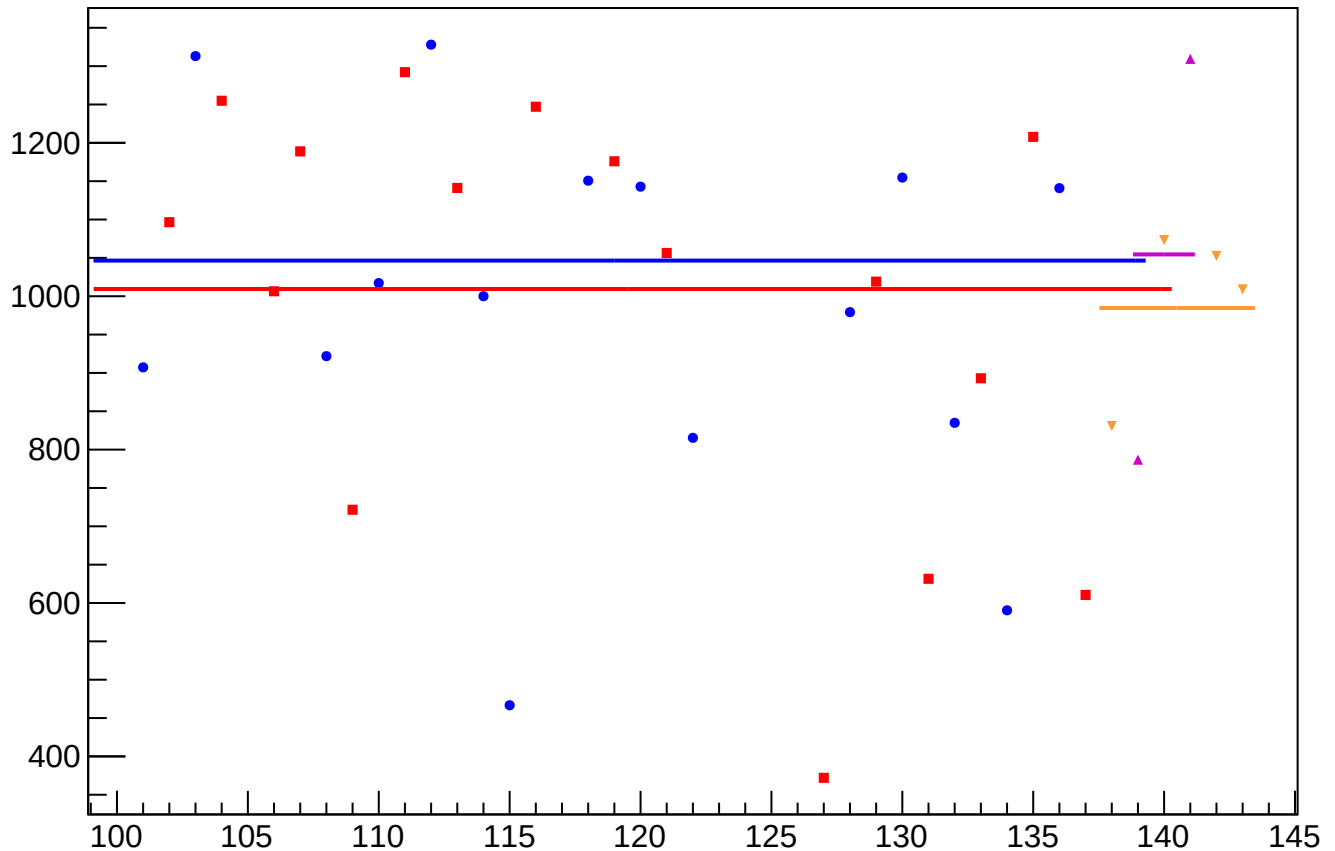
Left In: 387.229+/-0.000 χ^2/NDF : 2201684348417300022304872528733011968.0/1

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14
Left Out: 336.620+/-0.000	χ^2/NDF : 2549102640247666581339087247494873088.0/3
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15
Left In: 390.768+/-0.000	χ^2/NDF : 163263082949186463461948689076977664.0/1

dit_sam5_coil1_Ndata_mean vs Slug



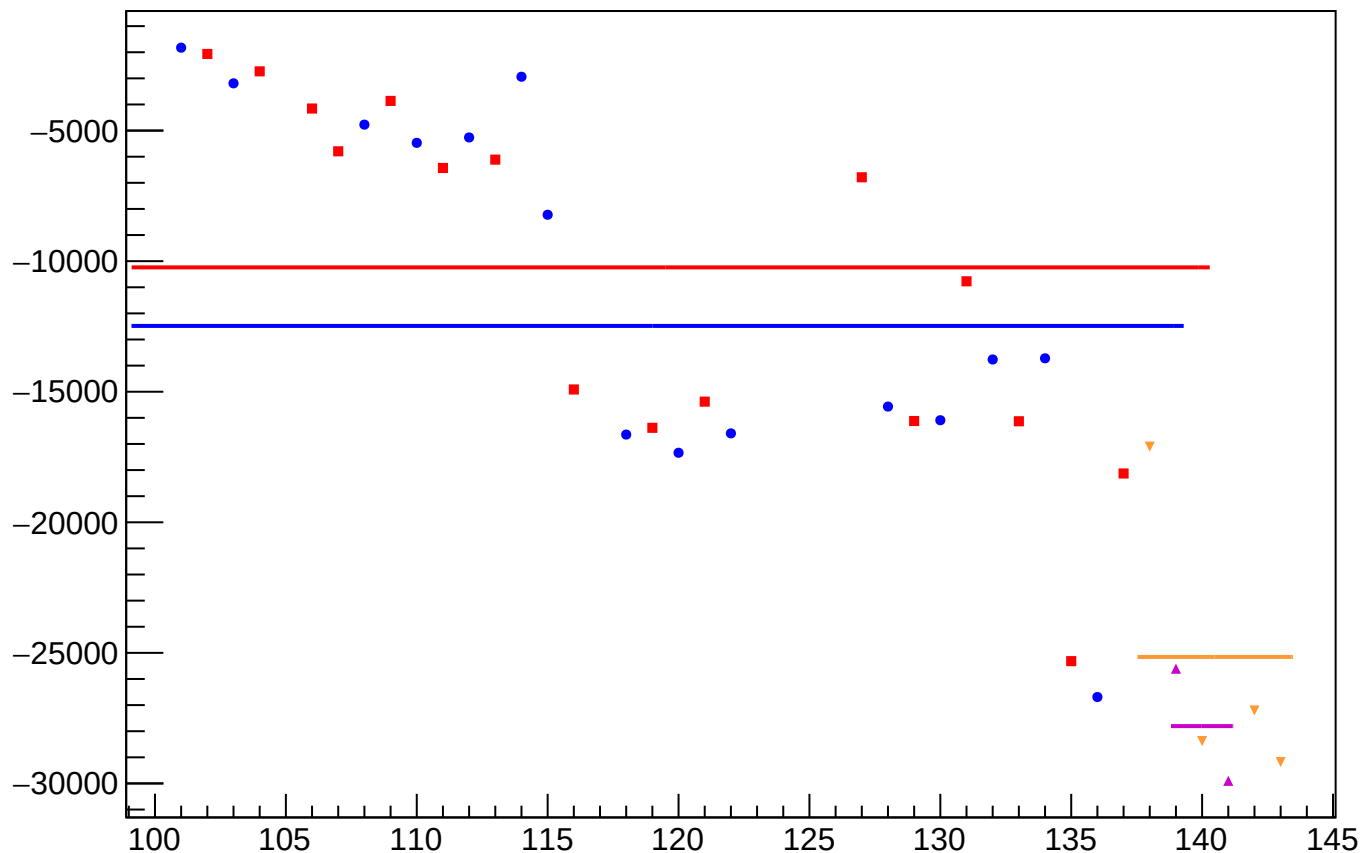
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

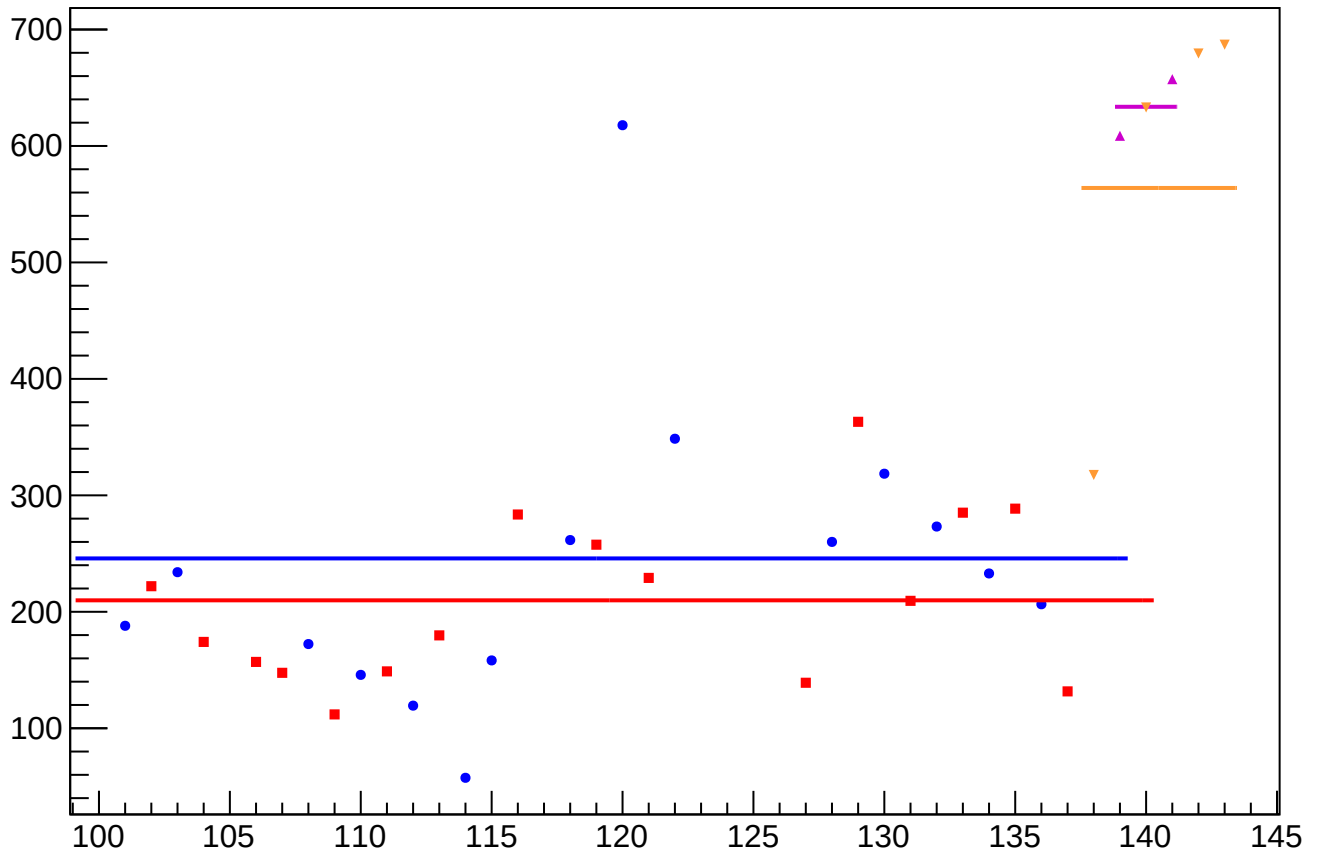
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -25155.910+/-0.000 χ^2/NDF : 7189567303301608707100121655094169042944.0/3
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -27804.656+/-0.000 χ^2/NDF : 764059366713186182563579774663024181248.0/1

dit_sam6_coil1_err_mean vs Slug



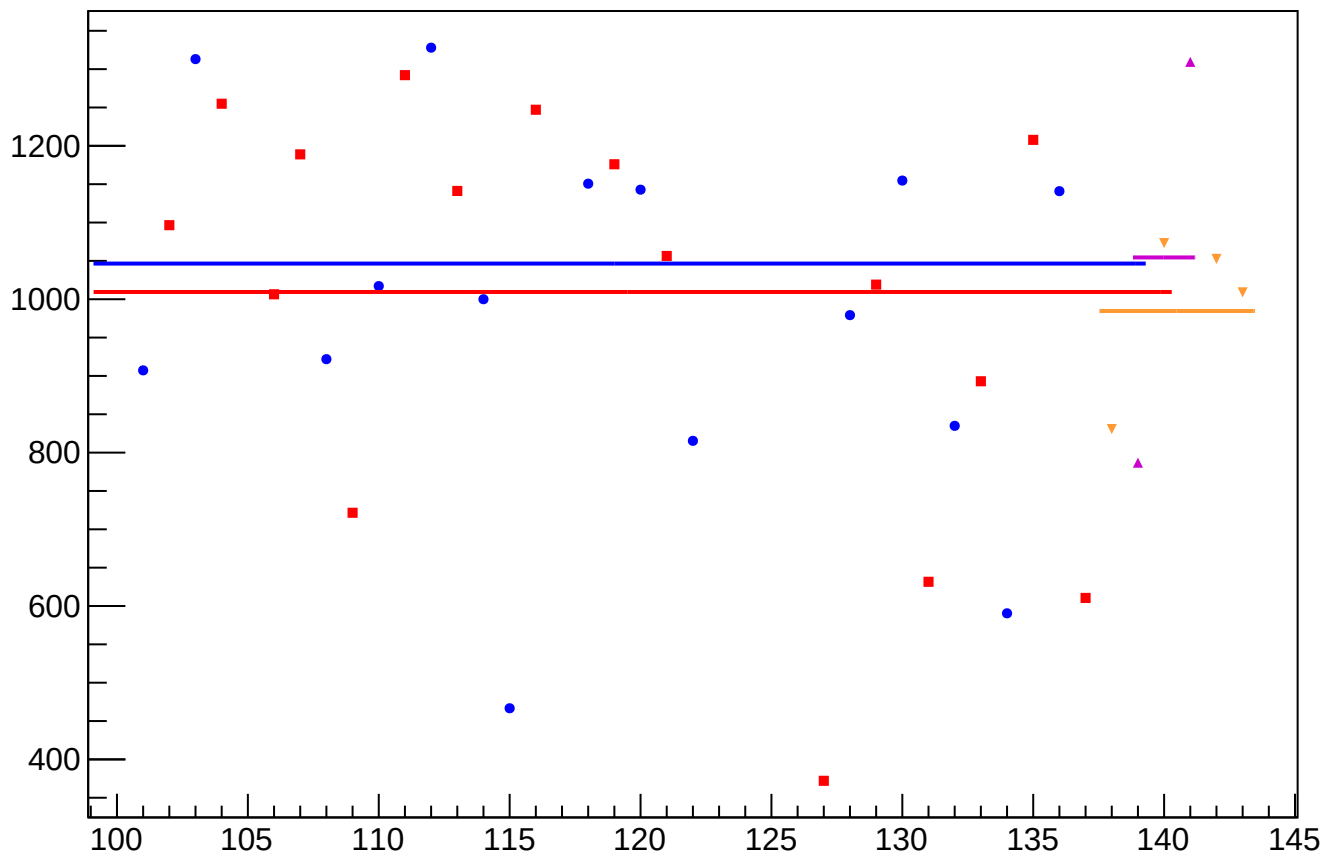
Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14

Left Out: 563.942+/-0.000 χ^2/NDF : 6756923352279194283167281060692099072.0/3

Right Out: 209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15

Left In: 633.648+/-0.000 χ^2/NDF : 98067962733464980790340190025547776.0/1

dit_sam6_coil1_Ndata_mean vs Slug



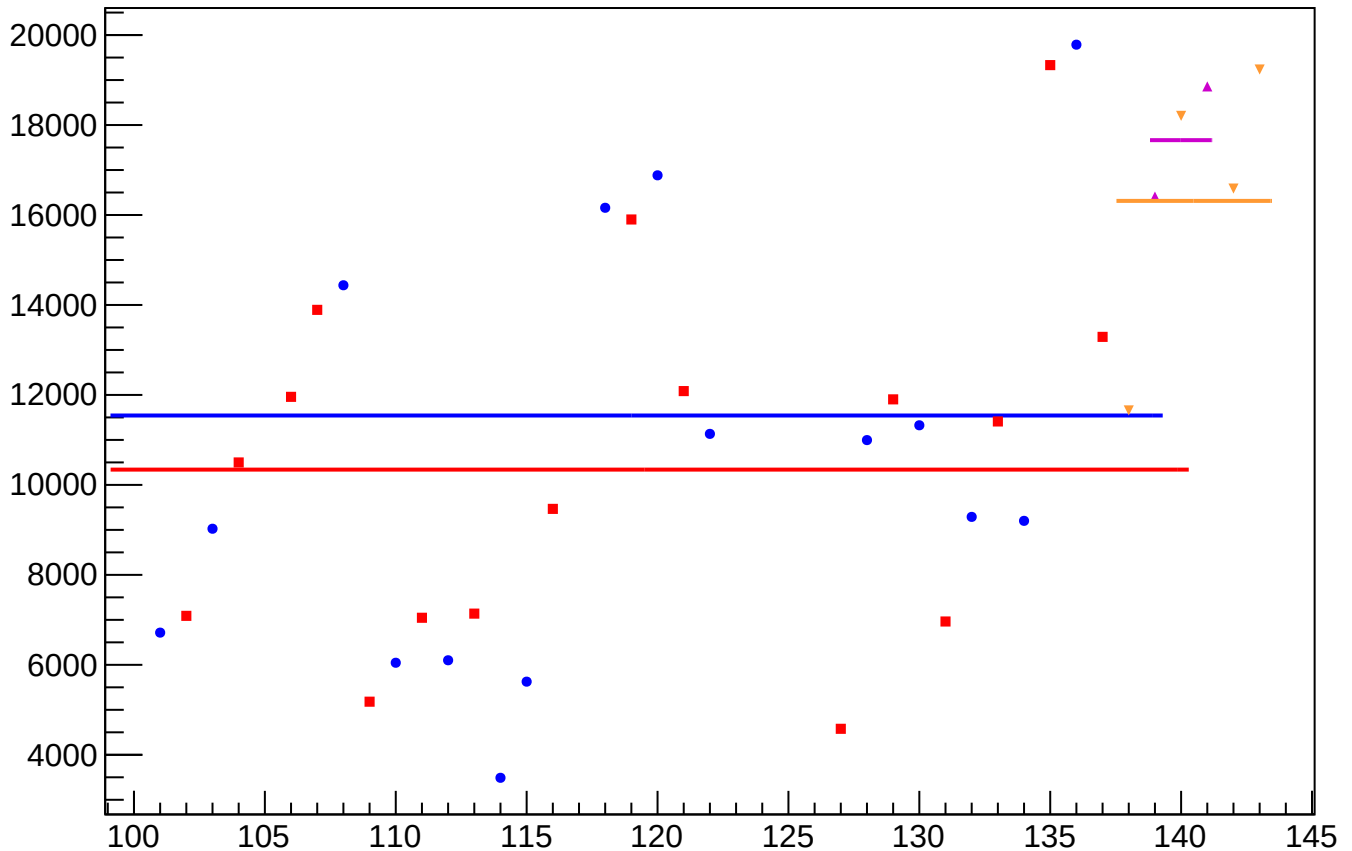
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

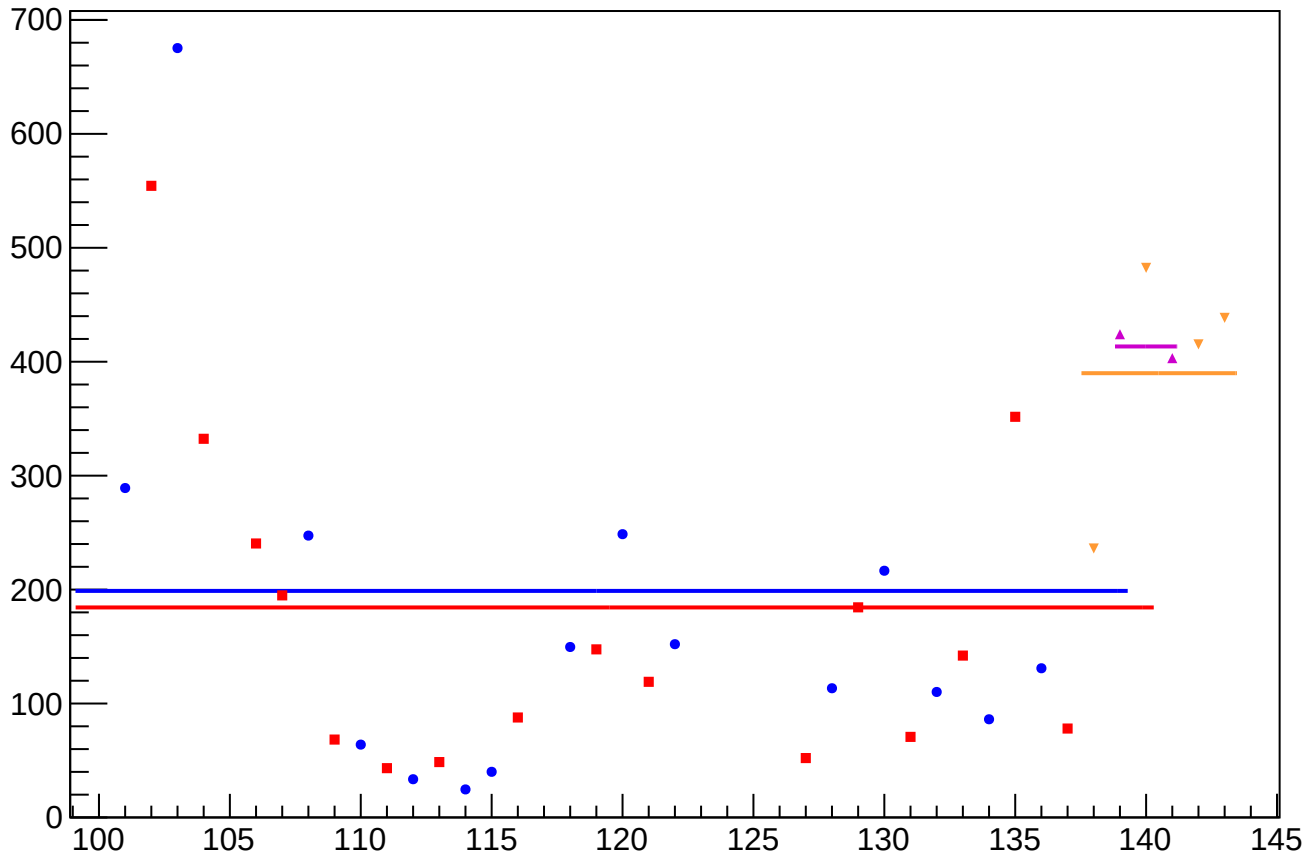
Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam7_coil1_mean vs Slug



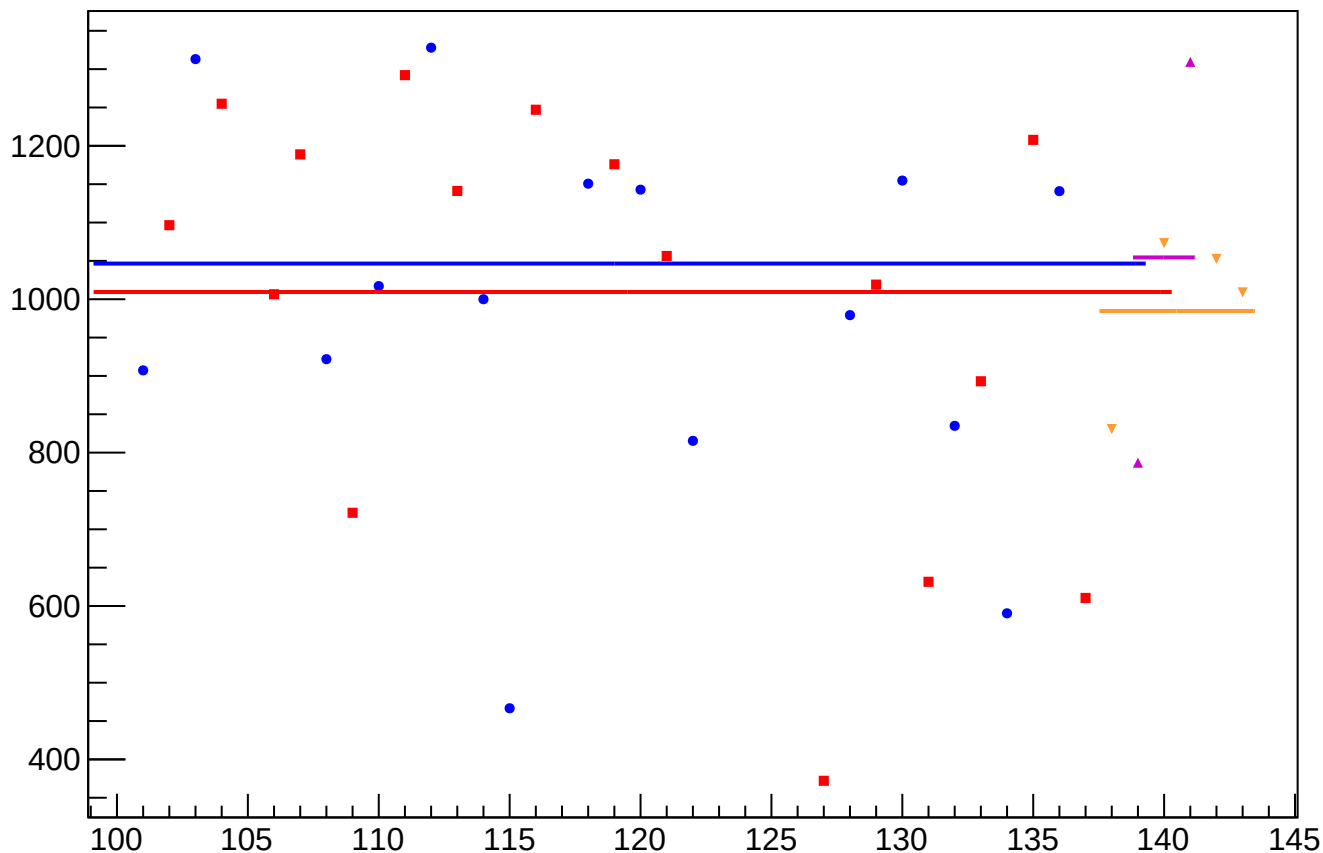
Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 16313.605+/-0.000 χ^2/NDF : 2560104338497151514780322811752533196800.0/3
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 17663.757+/-0.000 χ^2/NDF : 248579764309704587737268301598382096384.0/1

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14
 Left Out: 389.940+/-0.000 χ^2/NDF : 2734904938312082855577054309699813376.0/3
 Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15
 Left In: 413.399+/-0.000 χ^2/NDF : 18283109025082408247454436209721344.0/1

dit_sam7_coil1_Ndata_mean vs Slug



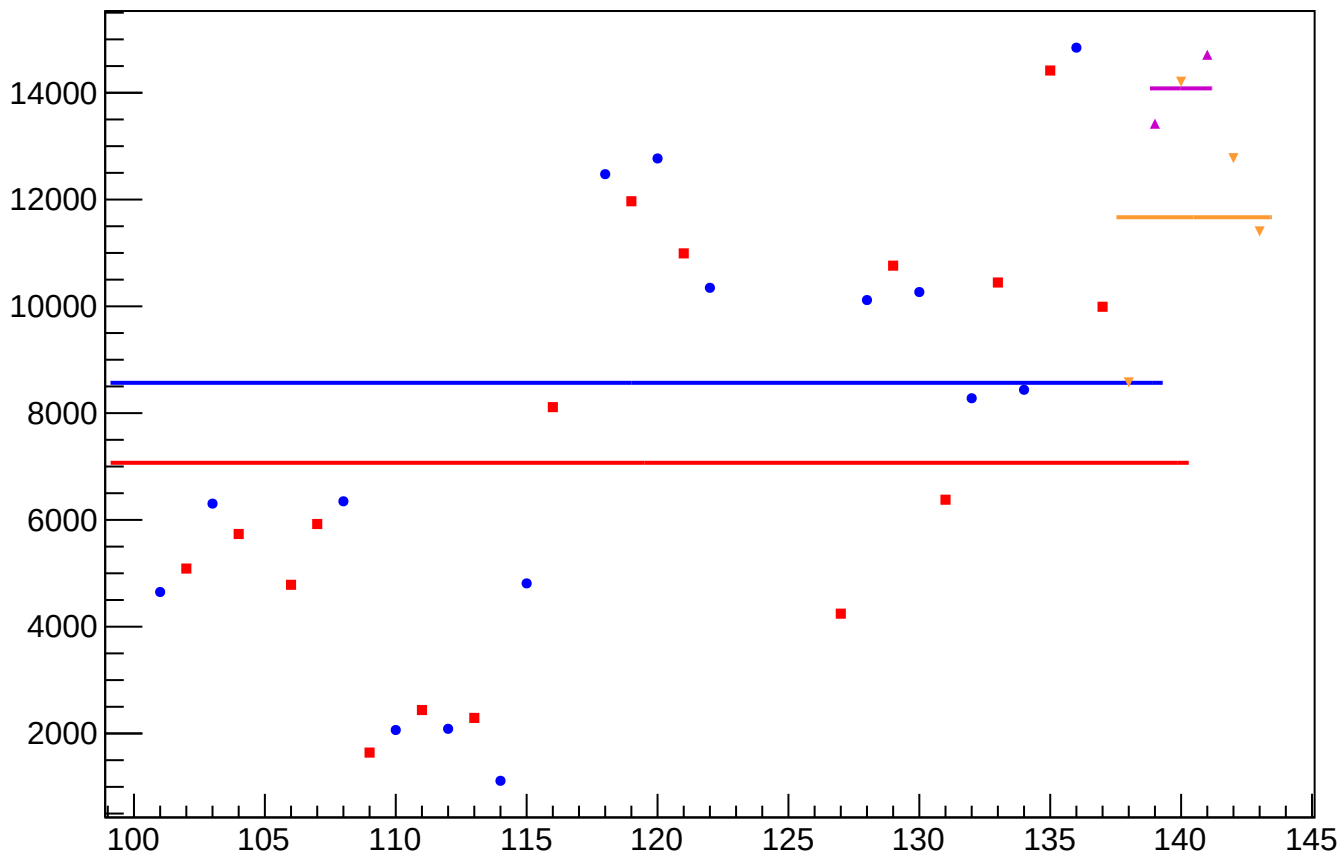
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

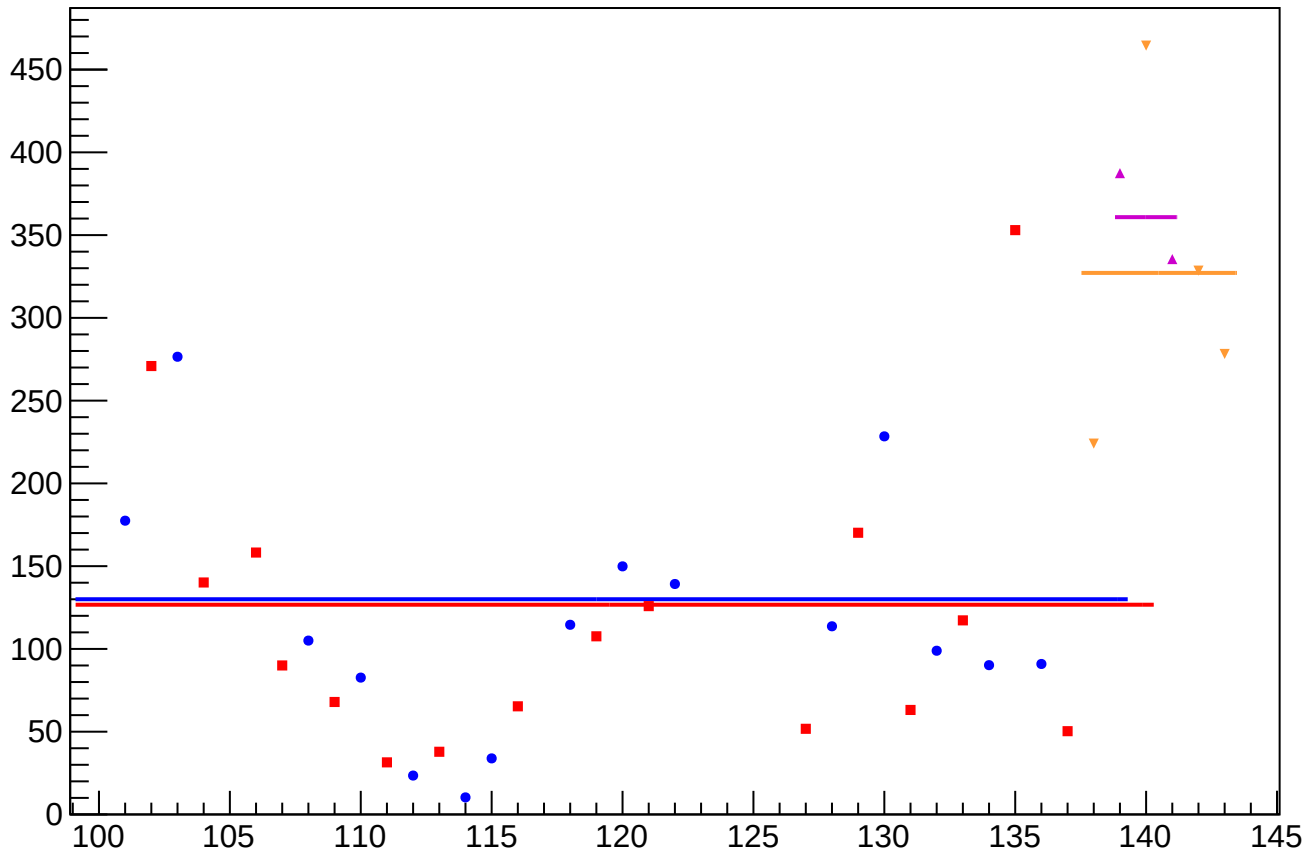
Left In: 1054.494 ± 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam8_coil1_mean vs Slug



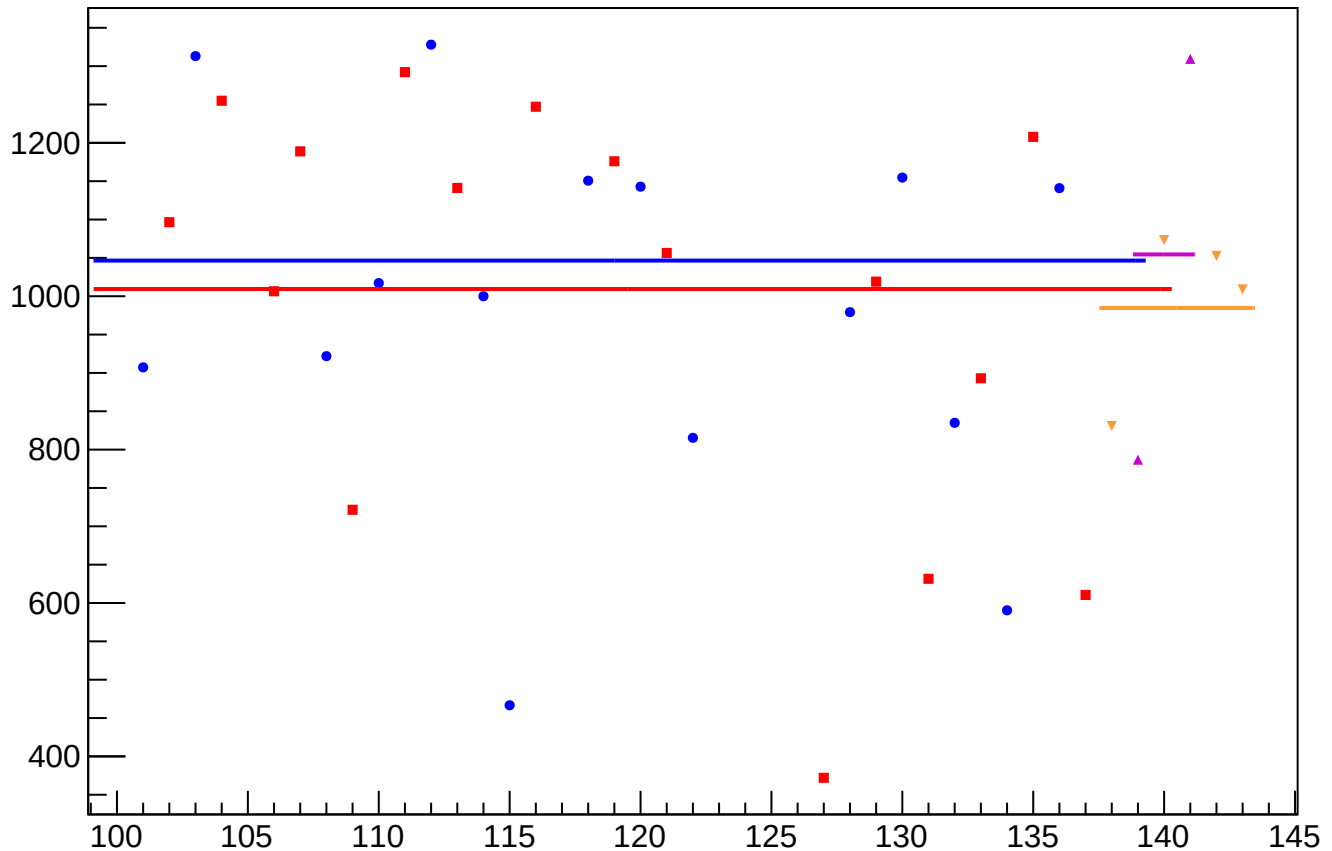
Right In: 8567.784+/-0.000	χ^2/NDF : 11106048878972501366429055679645708451840.0/14
Left Out: 11668.779+/-0.000	χ^2/NDF : 1335628743787083547277349312305918115840.0/3
Right Out: 7069.884+/-0.000	χ^2/NDF : 10076862363502652111378210539664387866624.0/15
Left In: 14082.269+/-0.000	χ^2/NDF : 69186256991253247423274316925836984320.0/1

dit_sam8_coil1_err_mean vs Slug



Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 327.162+/-0.000 χ^2/NDF : 2536447229870285505452810978260418560.0/3
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 360.846+/-0.000 χ^2/NDF : 111765535337152393220436992335020032.0/1

dit_sam8_coil1_Ndata_mean vs Slug



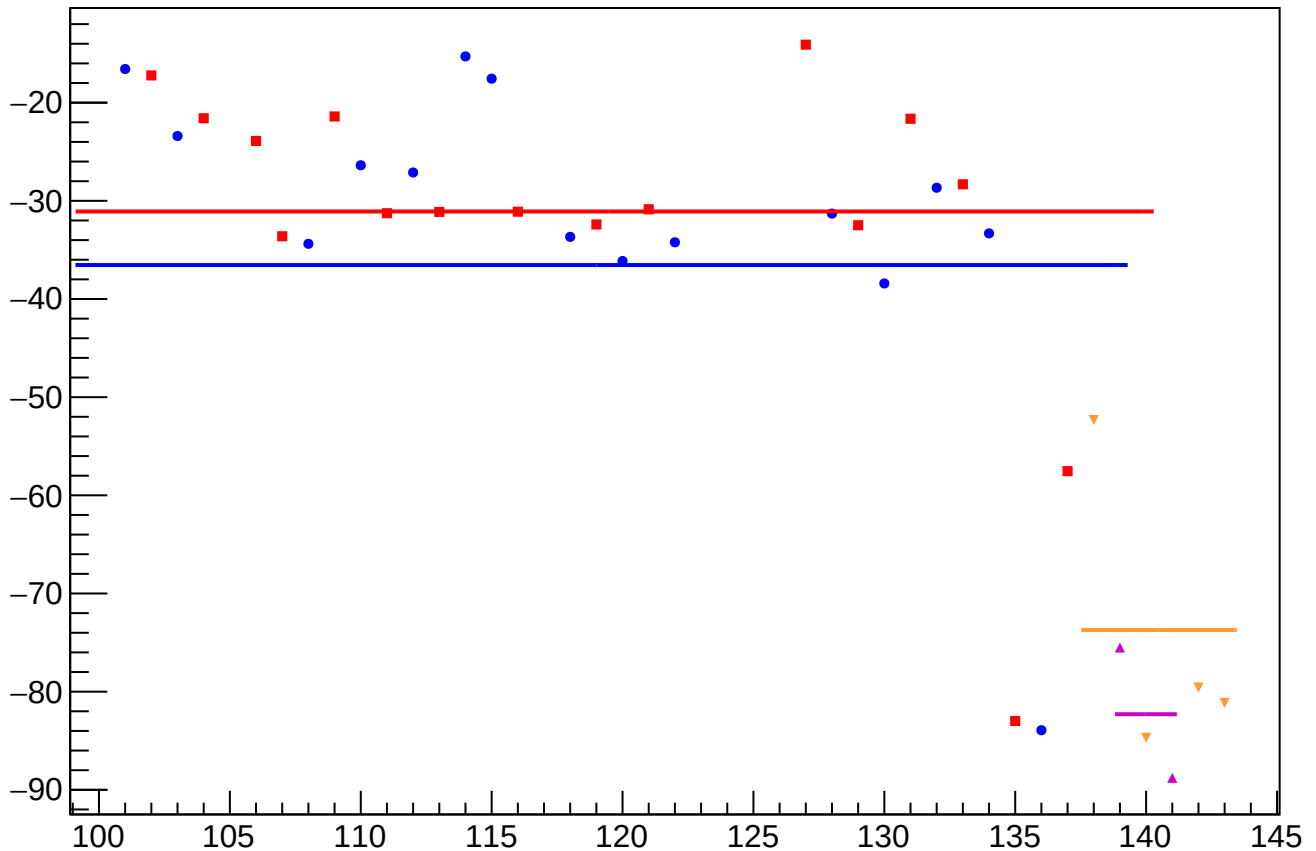
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4aX_coil3_mean vs Slug



Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -73.715+/-0.000 χ^2/NDF : 50817182330087633005569437492838400.0/3

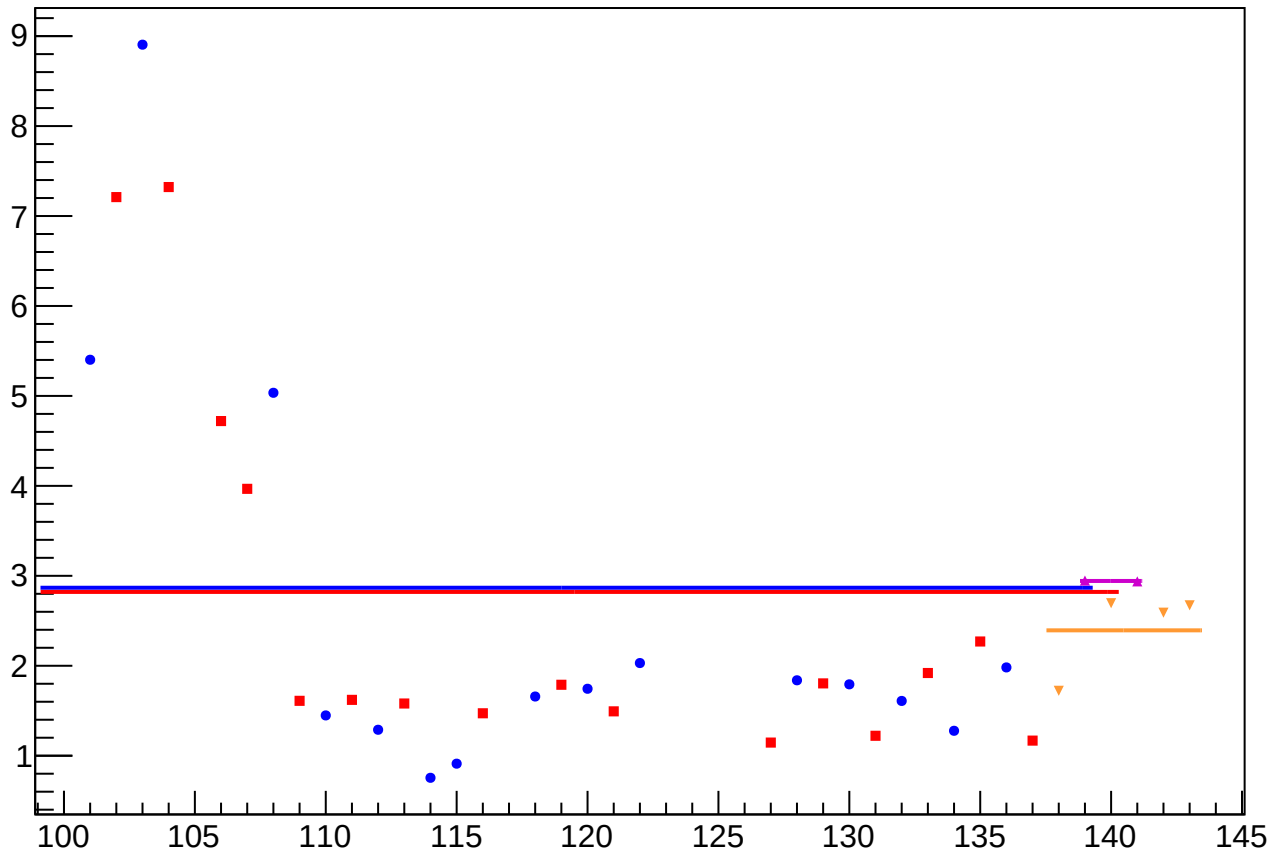
Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

Left In: -82.299+/-0.000 χ^2/NDF : 7304900606581888368990245523292160.0/1

-47.547+/-0.000 χ^2/NDF : 57073426138177659

-41.291+/-0.000 χ^2/NDF : 53721958674037076

dit_4aX_coil3_err_mean vs Slug



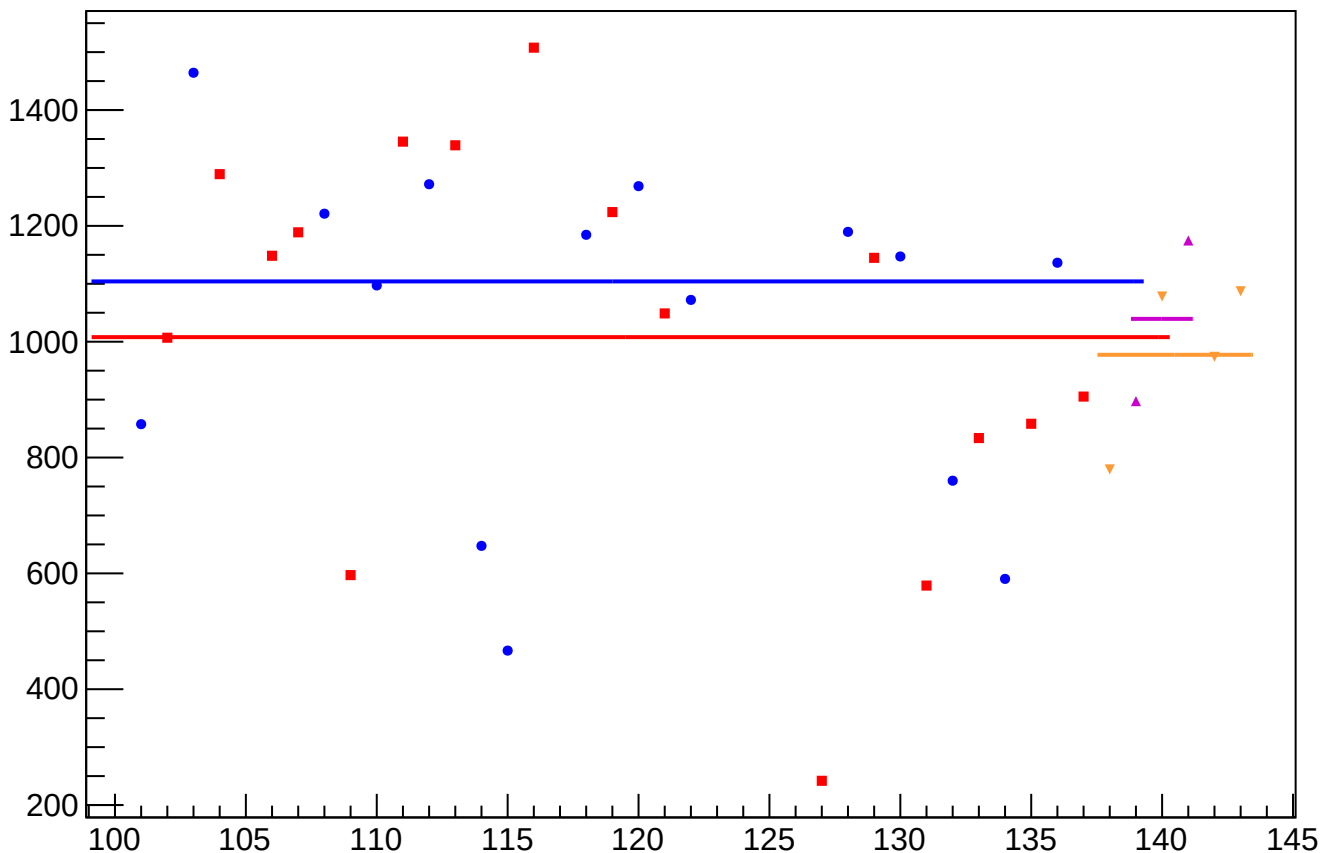
Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14

Left Out: 2.394+/-0.000 χ^2/NDF : 49651661881777538088332825722880.0/3

Right Out: 2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15

Left In: 2.943+/-0.000 χ^2/NDF : 3556874034331455791690678272.0/1

dit_4aX_coil3_Ndata_mean vs Slug



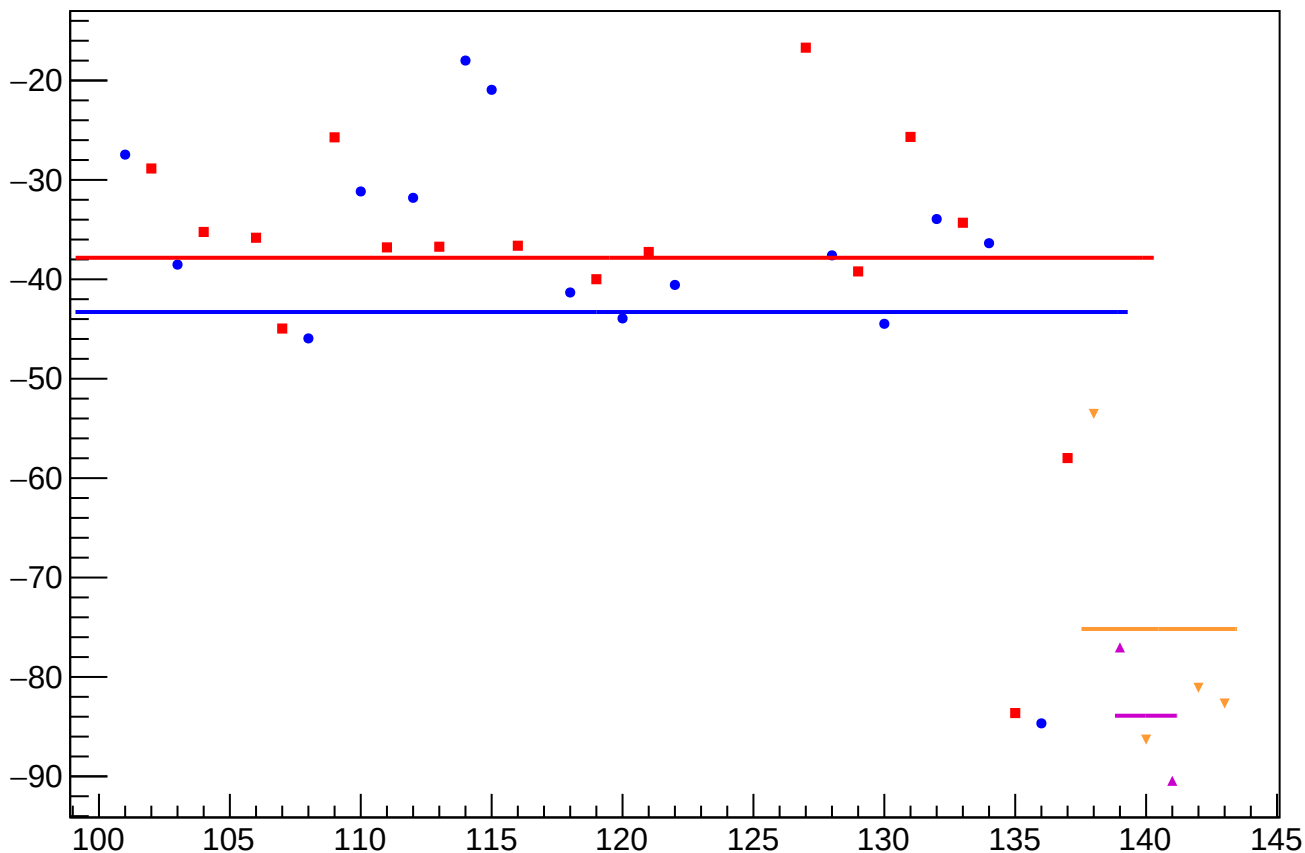
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4eX_coil3_mean vs Slug



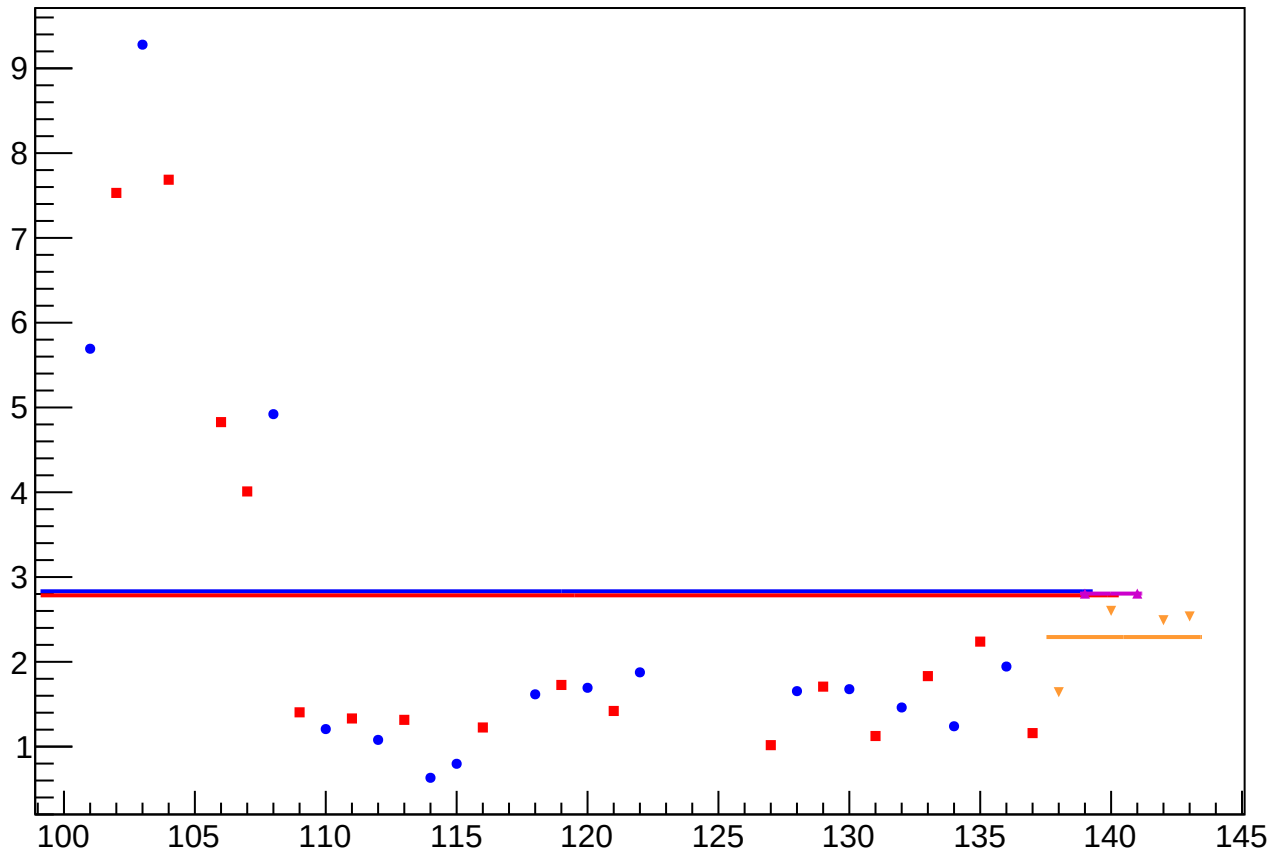
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -75.173+/-0.000 χ^2/NDF : 52043987632425258820666244886167552.0/3

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

Left In: -83.898+/-0.000 χ^2/NDF : 7467176553652537023035223176118272.0/1

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832+/-0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14

Left Out: 2.292+/-0.000 χ^2/NDF : 46595415532977796743838786650112.0/3

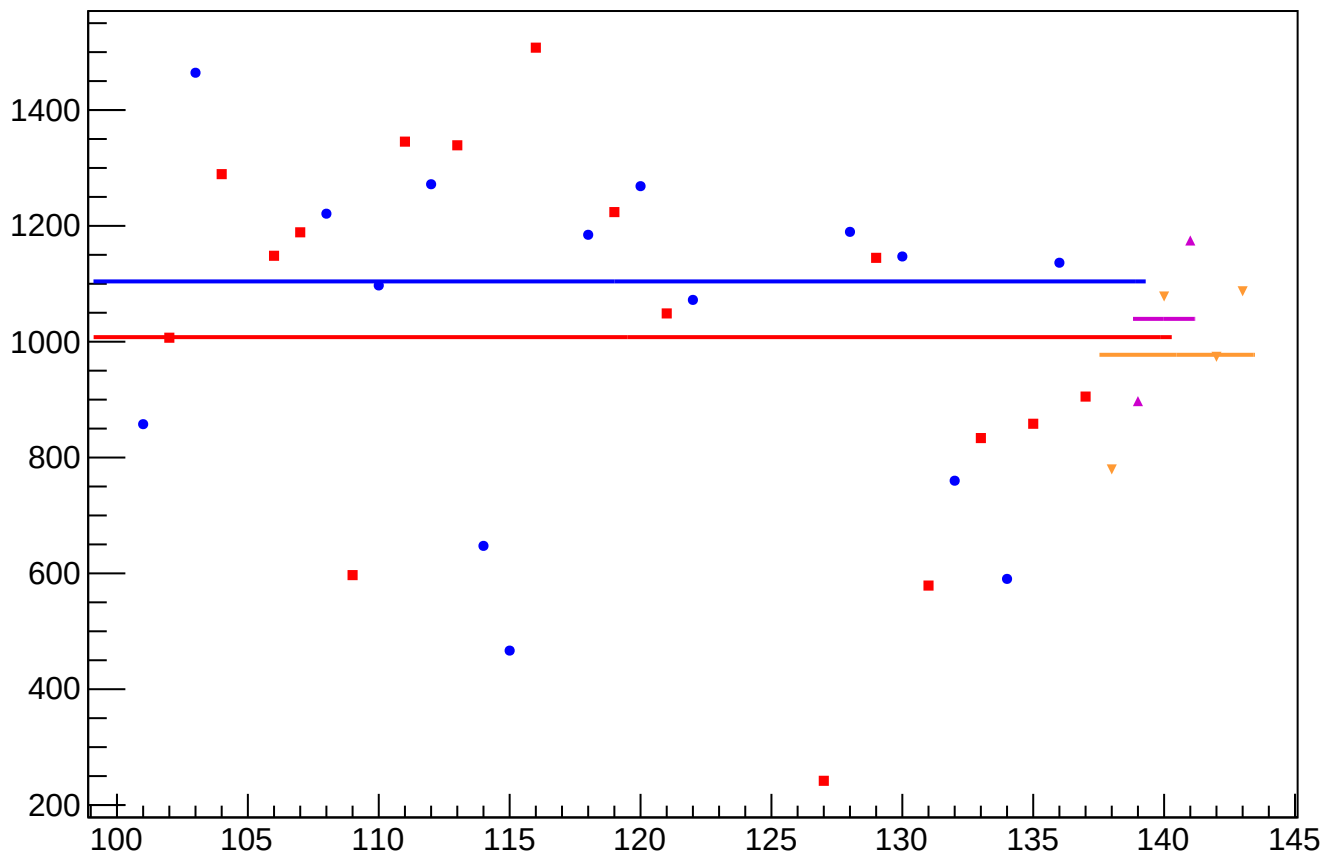
Right Out: 2.784+/-0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15

Left In: 2.805+/-0.000 χ^2/NDF : 1958334582123375158624256.0/1

2.672+/-0.000 χ^2/NDF : 4060199645137279405

2.788+/-0.000 χ^2/NDF : 3589601798008213670

dit_4eX_coil3_Ndata_mean vs Slug



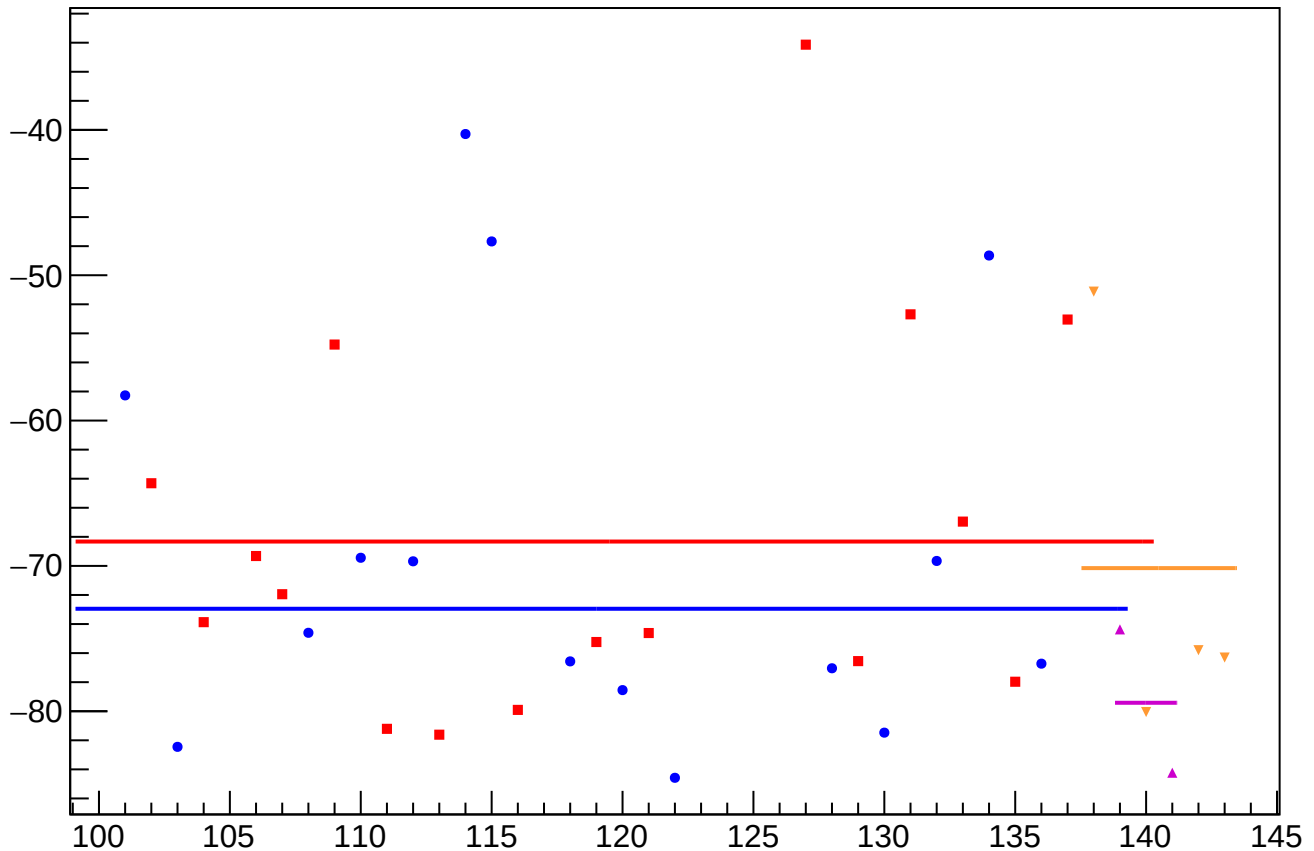
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_11X12X_coil3_mean vs Slug



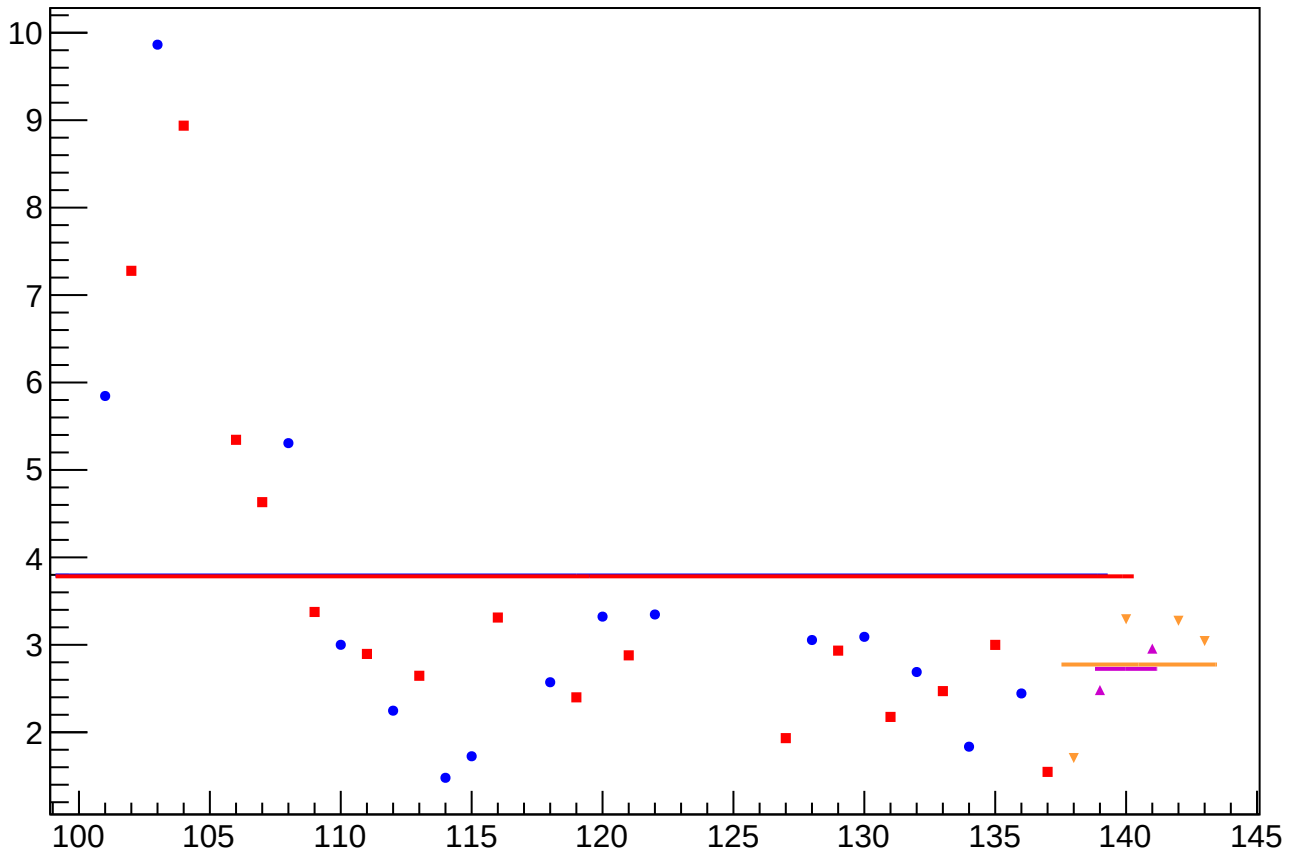
Right In: -72.949 $\pm$ 0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

Left Out: -70.152 $\pm$ 0.000 χ^2/NDF : 40273283398356609580799778155921408.0/3

Right Out: -68.324 $\pm$ 0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

Left In: -79.417 $\pm$ 0.000 χ^2/NDF : 4034723146011087333091154975522816.0/1

dit_11X12X_coil3_err_mean vs Slug



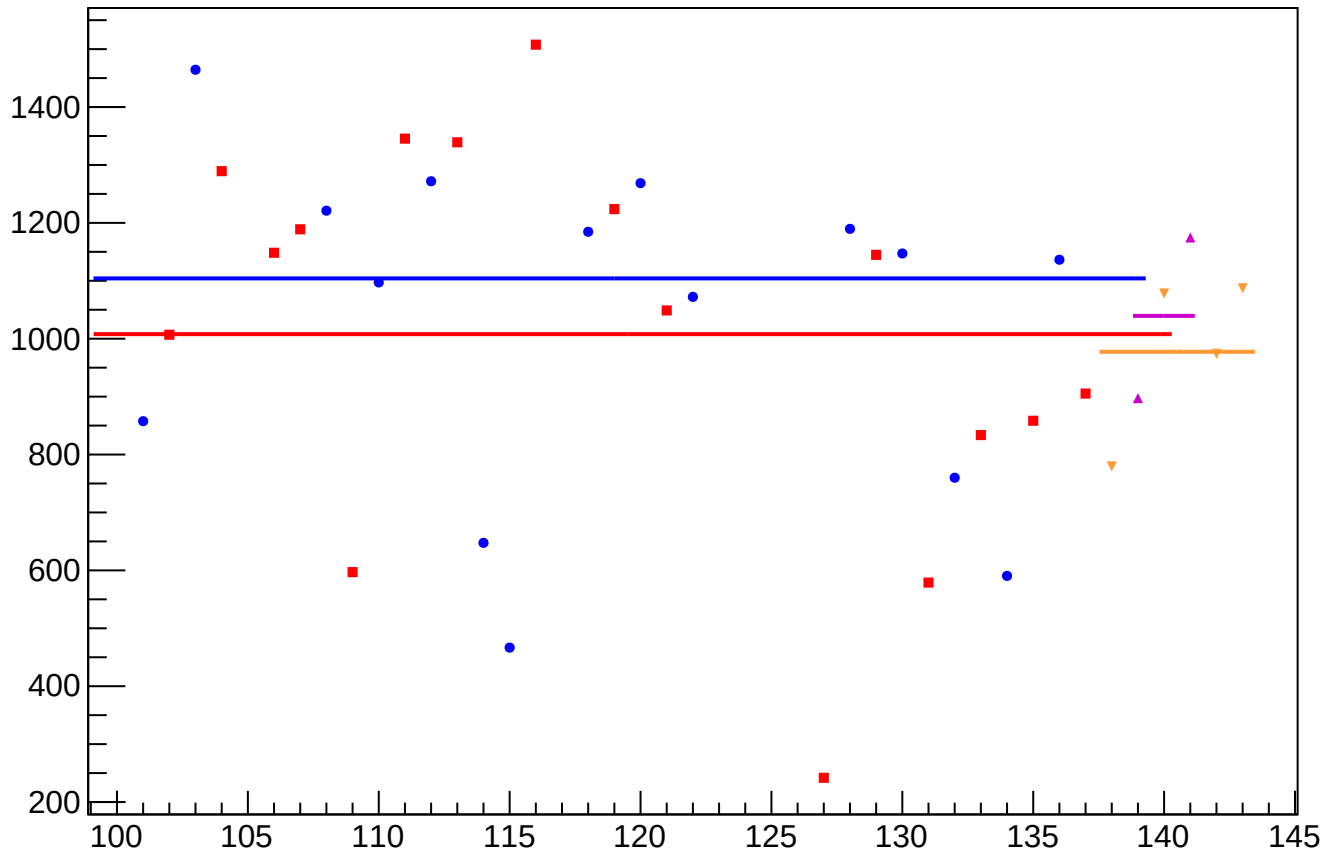
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 2.775+/-0.000 χ^2/NDF : 127523314193759943205134998175744.0/3

Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15

Left In: 2.725+/-0.000 χ^2/NDF : 9317984001328955152353642676224.0/1

dit_11X12X_coil3_Ndata_mean vs Slug



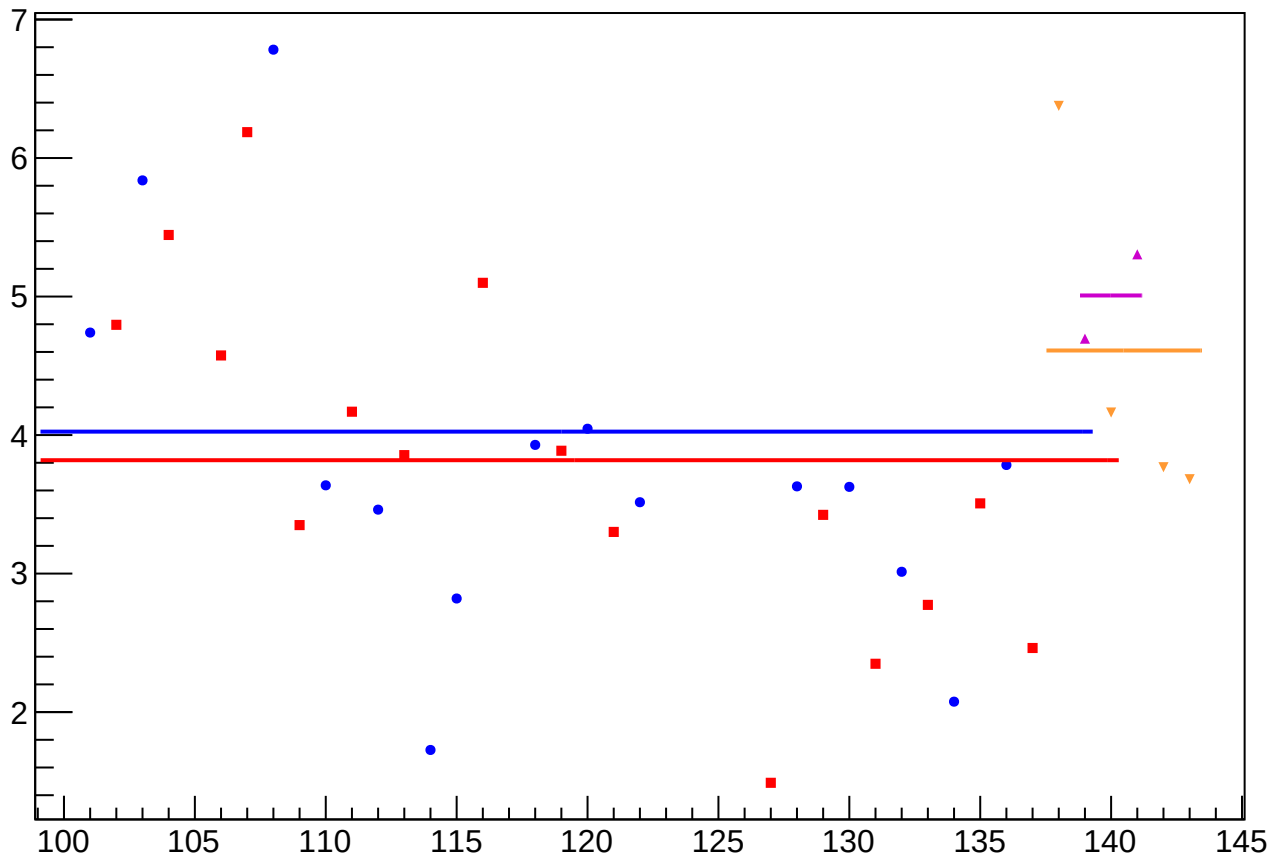
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4aY_coil3_mean vs Slug



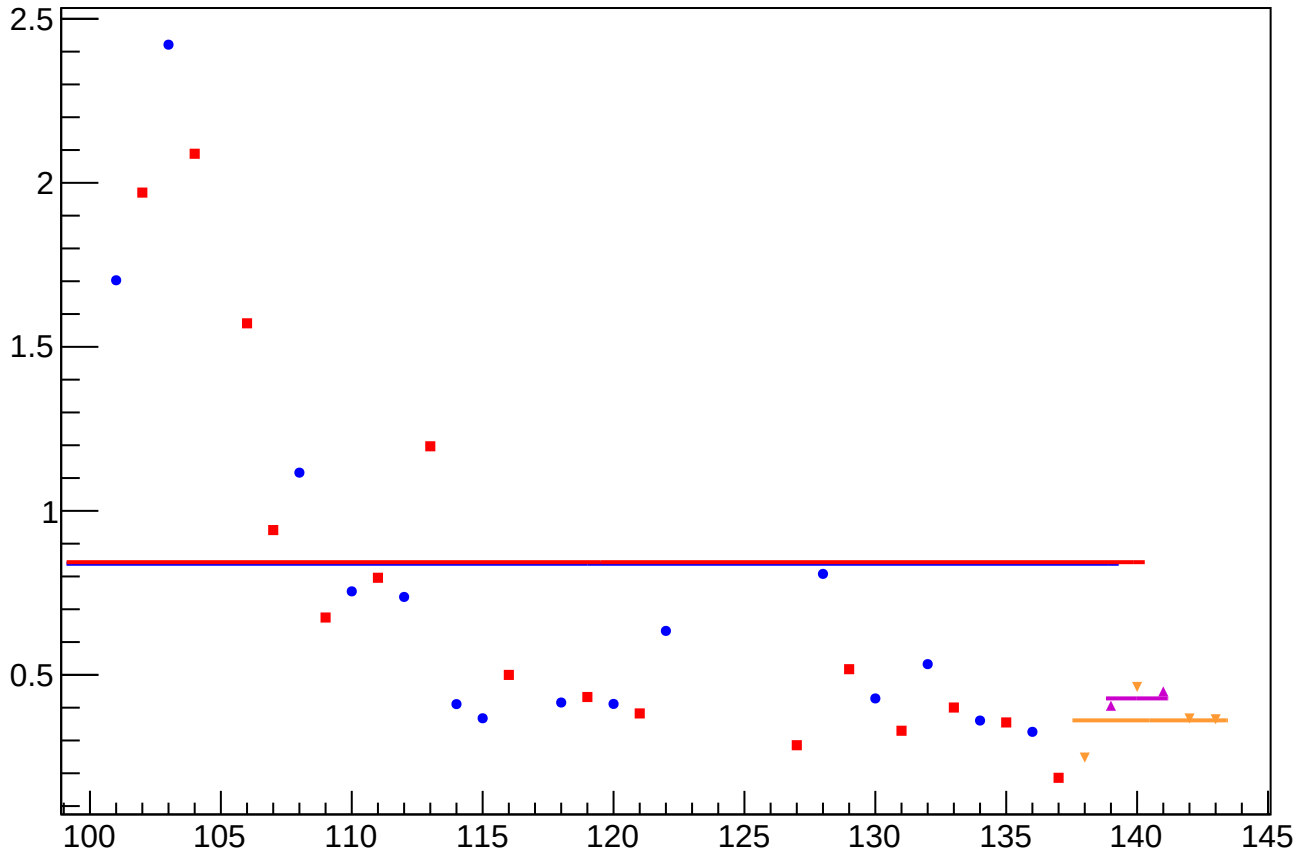
Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.611+/-0.000 χ^2/NDF : 350237745088913975679215193817088.0/3

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

Left In: 5.008+/-0.000 χ^2/NDF : 15374602220850985400950677569536.0/1

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.361+/-0.000 χ^2/NDF : 1859364699990356731935514951680.0/3

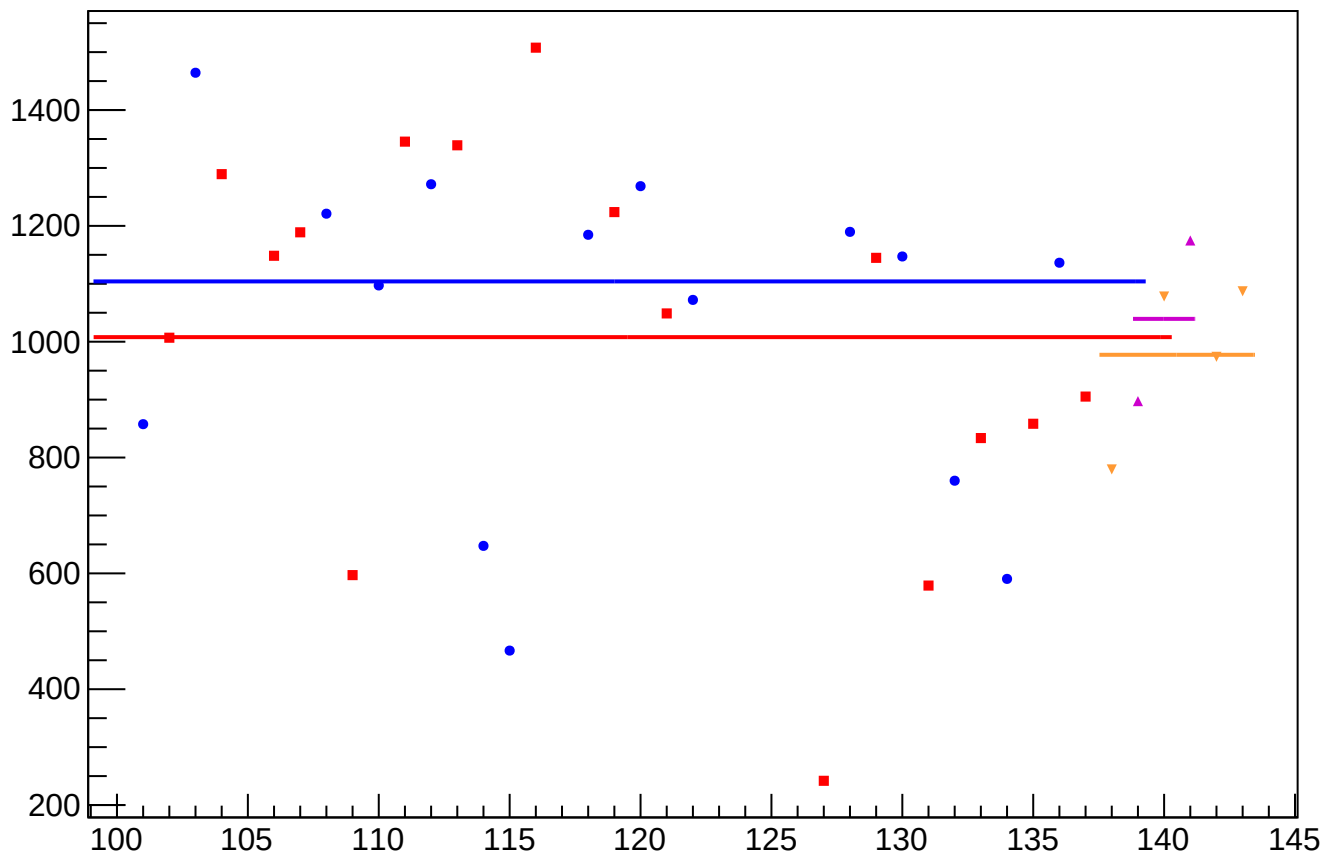
Right Out: 0.844+/-0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: 0.428+/-0.000 χ^2/NDF : 78692628661623216199111278592.0/1

0.697+/-0.000 χ^2/NDF : 3040744478958264060

0.761+/-0.000 χ^2/NDF : 2759189970665186940

dit_4aY_coil3_Ndata_mean vs Slug



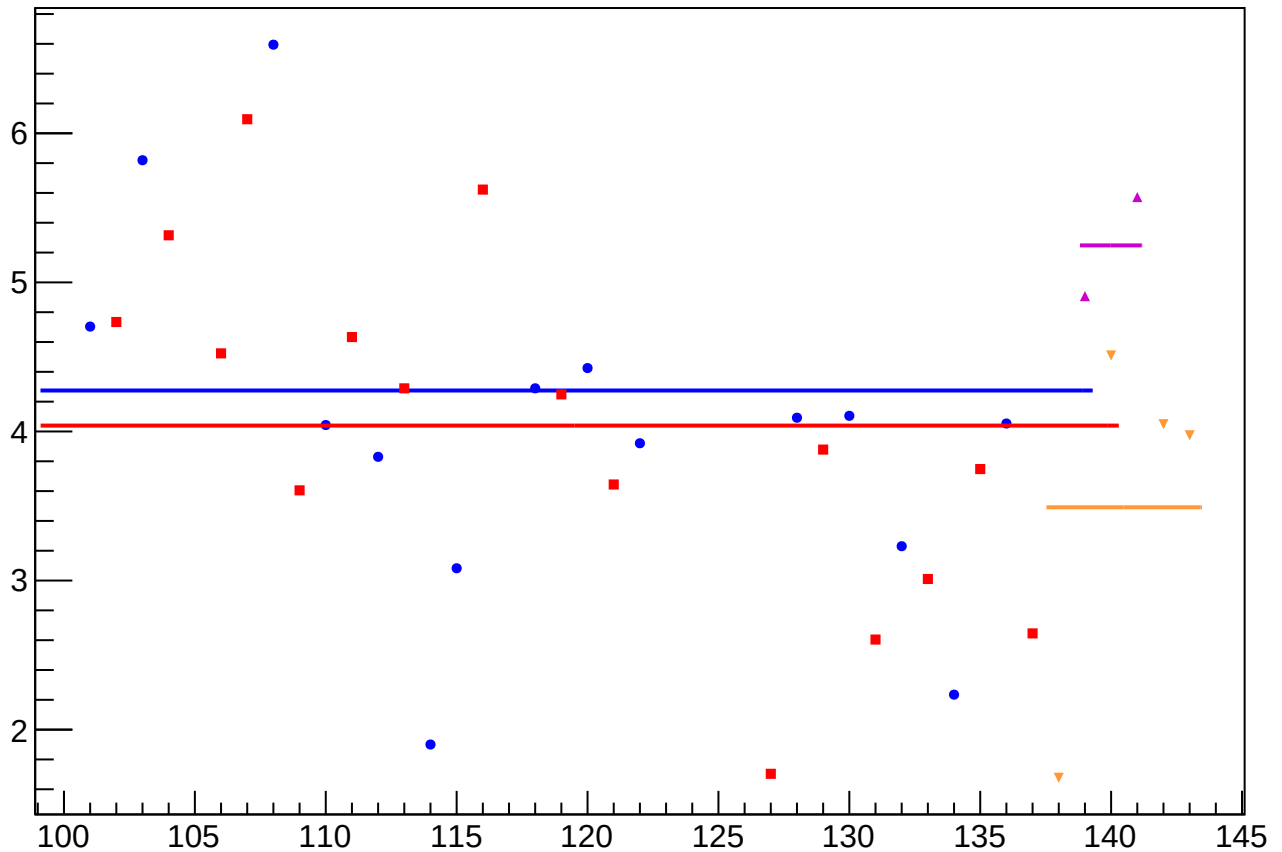
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

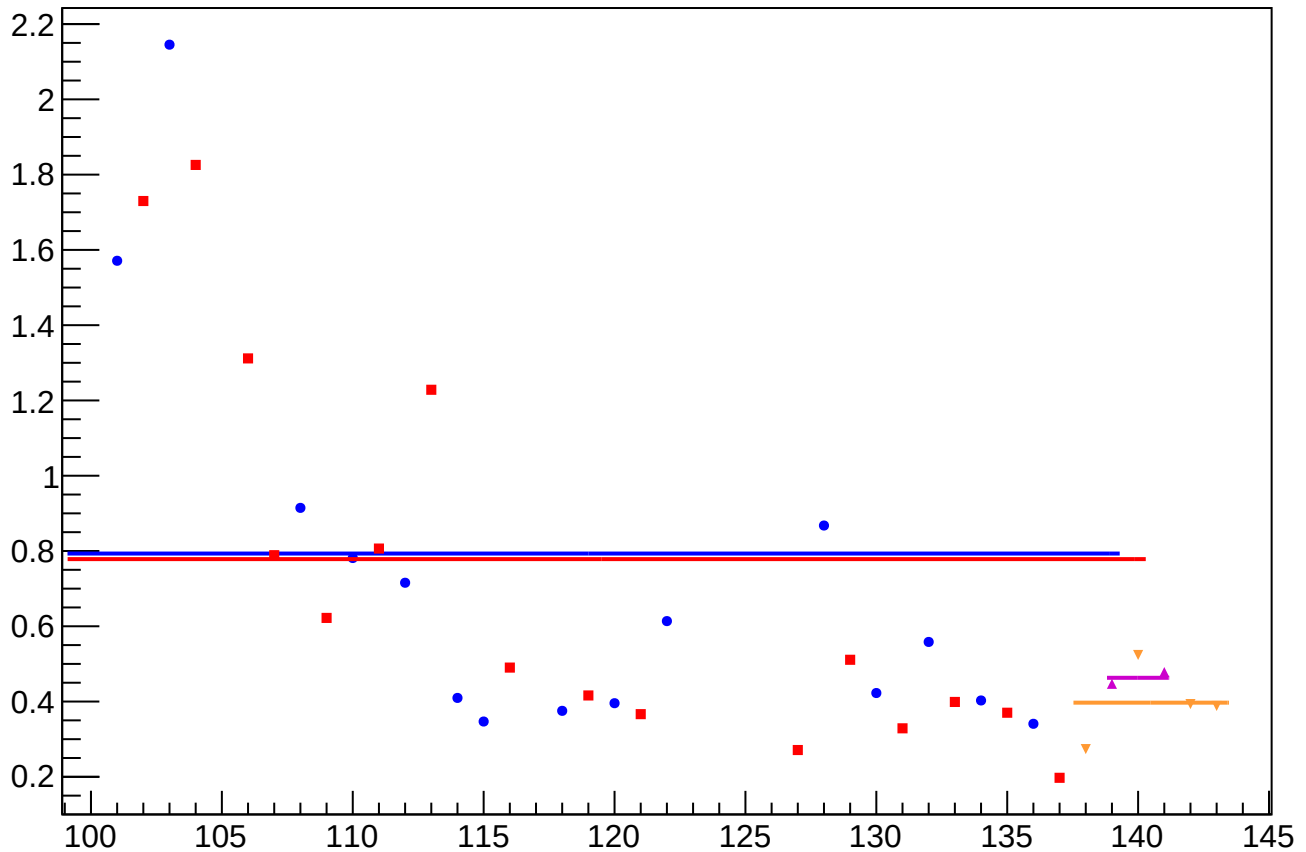
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4eY_coil3_mean vs Slug



Right In: 4.275 $\pm$ 0.000 χ^2 /NDF: 597188707898198851792415435522048.0/14
 Left Out: 3.491 $\pm$ 0.000 χ^2 /NDF: 371769538021053112096031112167424.0/3
 Right Out: 4.039 $\pm$ 0.000 χ^2 /NDF: 772368848194464324973108765130752.0/15
 Left In: 5.248 $\pm$ 0.000 χ^2 /NDF: 18316870727710573460848681943040.0/1

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.397+/-0.000 χ^2/NDF : 2509649551036996402173326655488.0/3

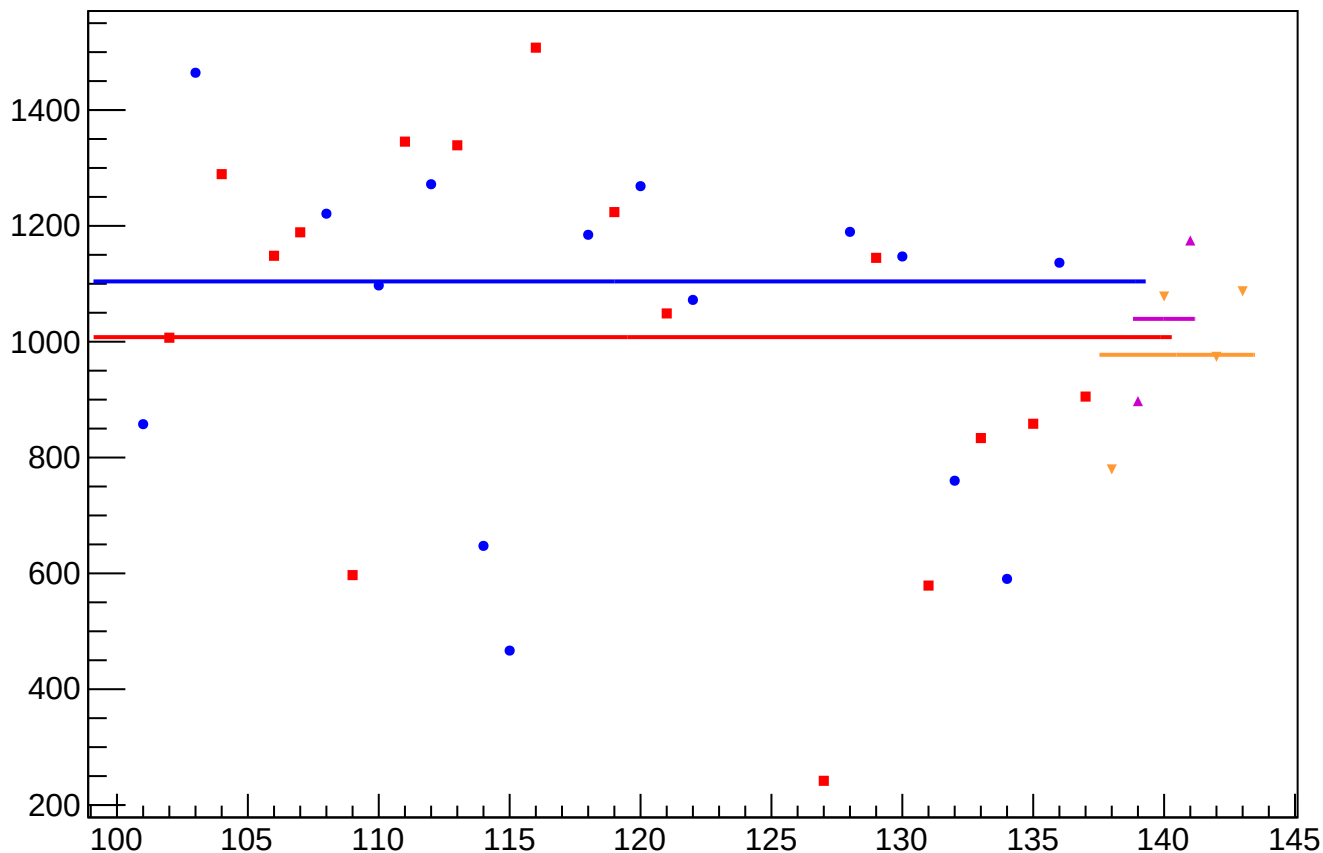
Right Out: 0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: 0.463+/-0.000 χ^2/NDF : 40181759163162288389946867712.0/1

0.676+/-0.000 χ^2/NDF : 2281808495327352979

0.716+/-0.000 χ^2/NDF : 1990724383941206783

dit_4eY_coil3_Ndata_mean vs Slug



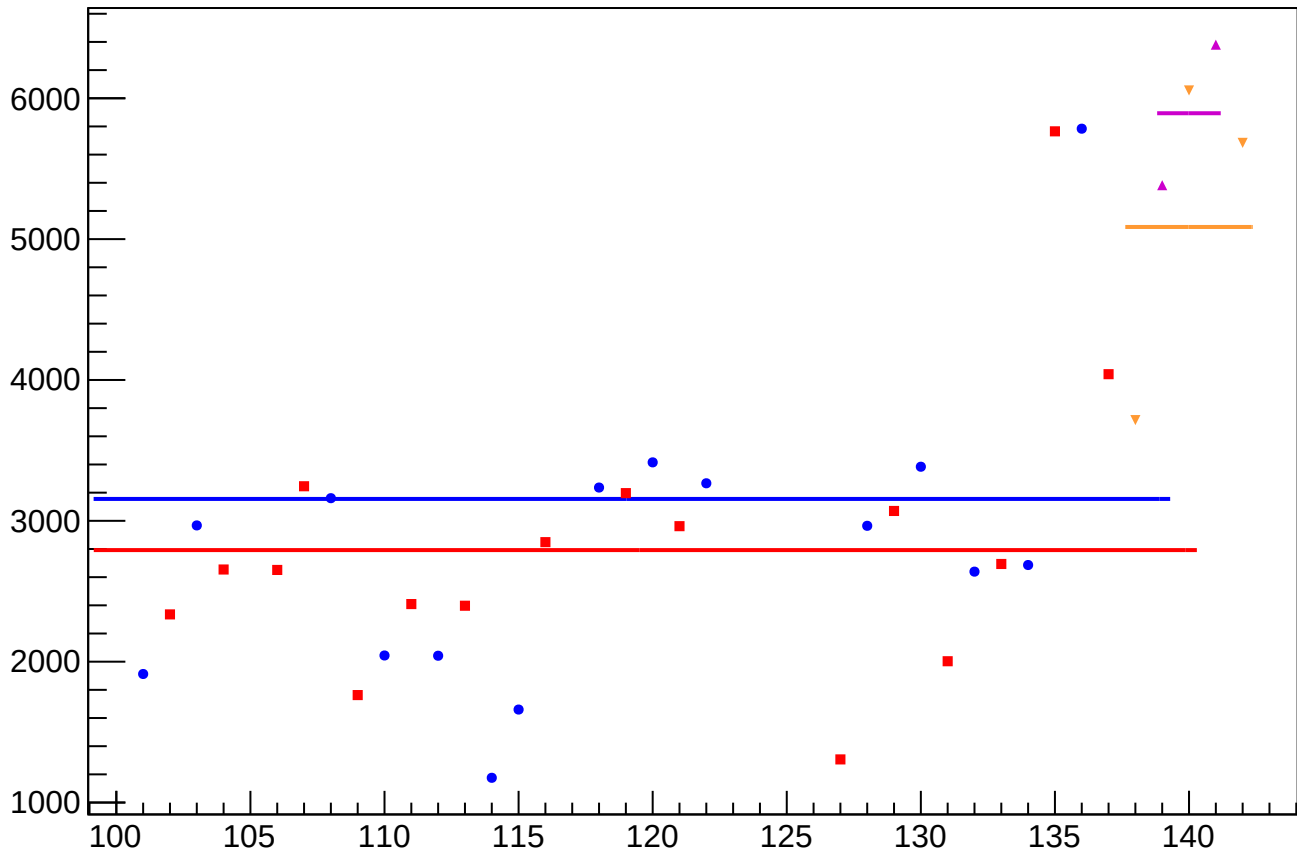
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

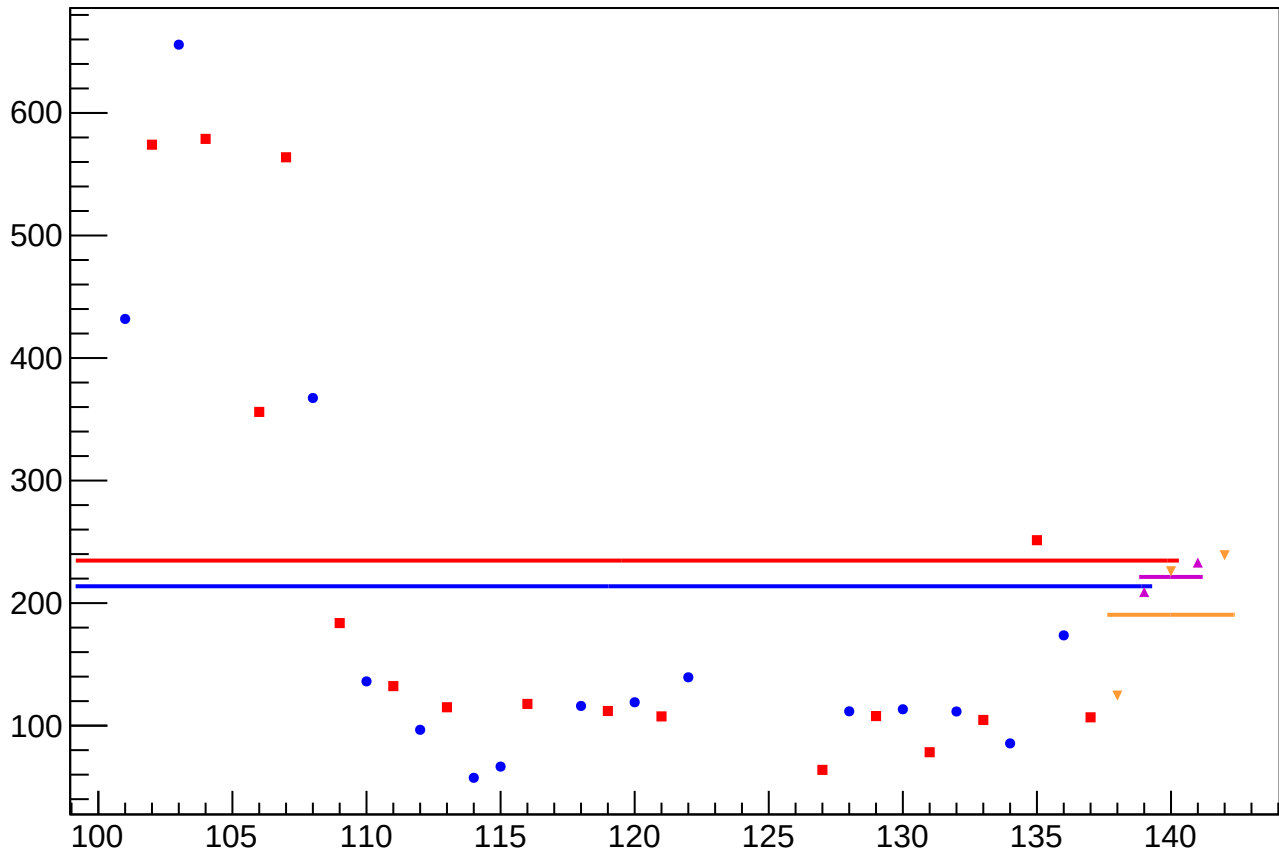
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_usl_coil3_mean vs Slug



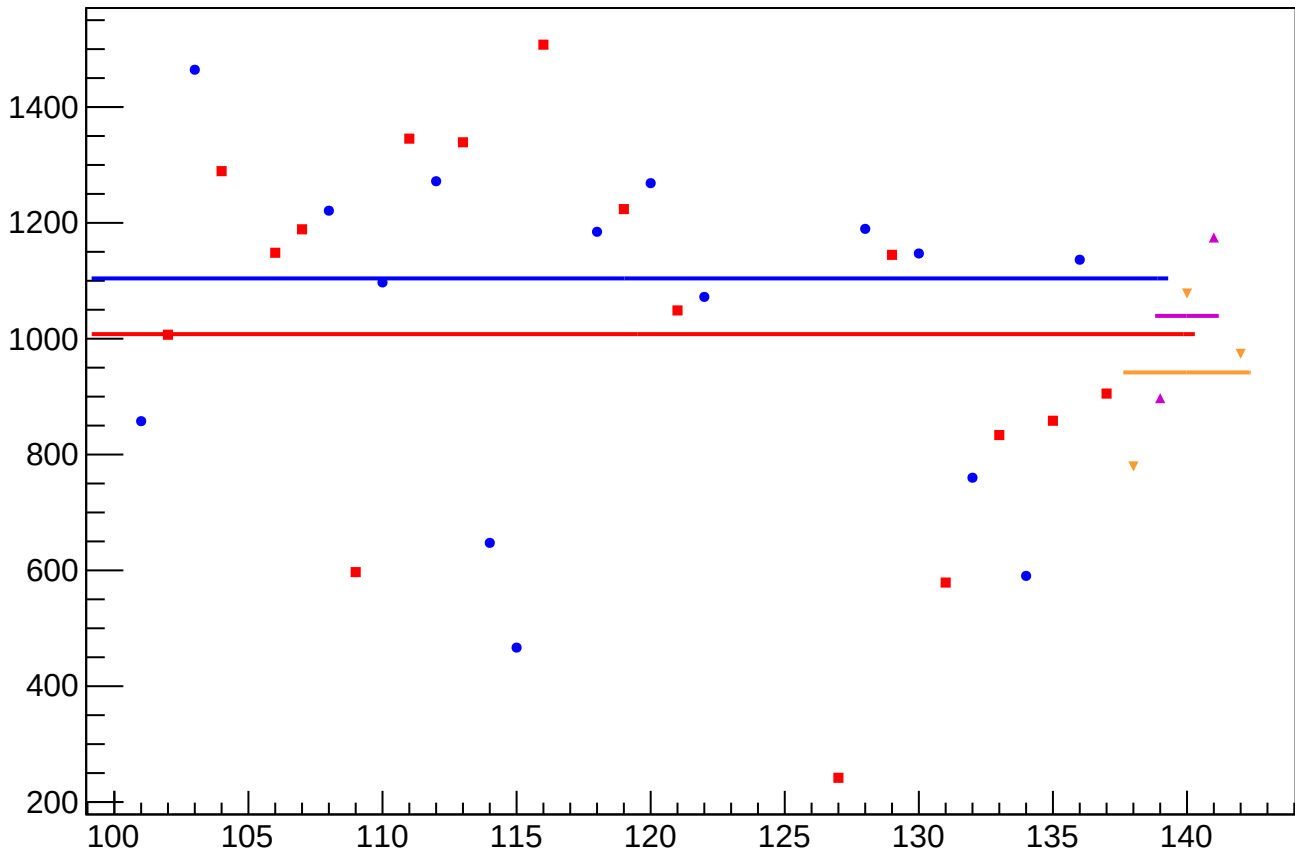
Right In: 3155.434+/-0.000	χ^2/NDF : 903550534773622902110918214033612996608.0/14
Left Out: 5086.285+/-0.000	χ^2/NDF : 240095693832794968776434255889208180736.0/2
Right Out: 2792.245+/-0.000	χ^2/NDF : 674635749324173001973264427530986717184.0/15
Left In: 5893.739+/-0.000	χ^2/NDF : 41279890176155853748036617223136083968.0/1

dit_usl_coil3_err_mean vs Slug



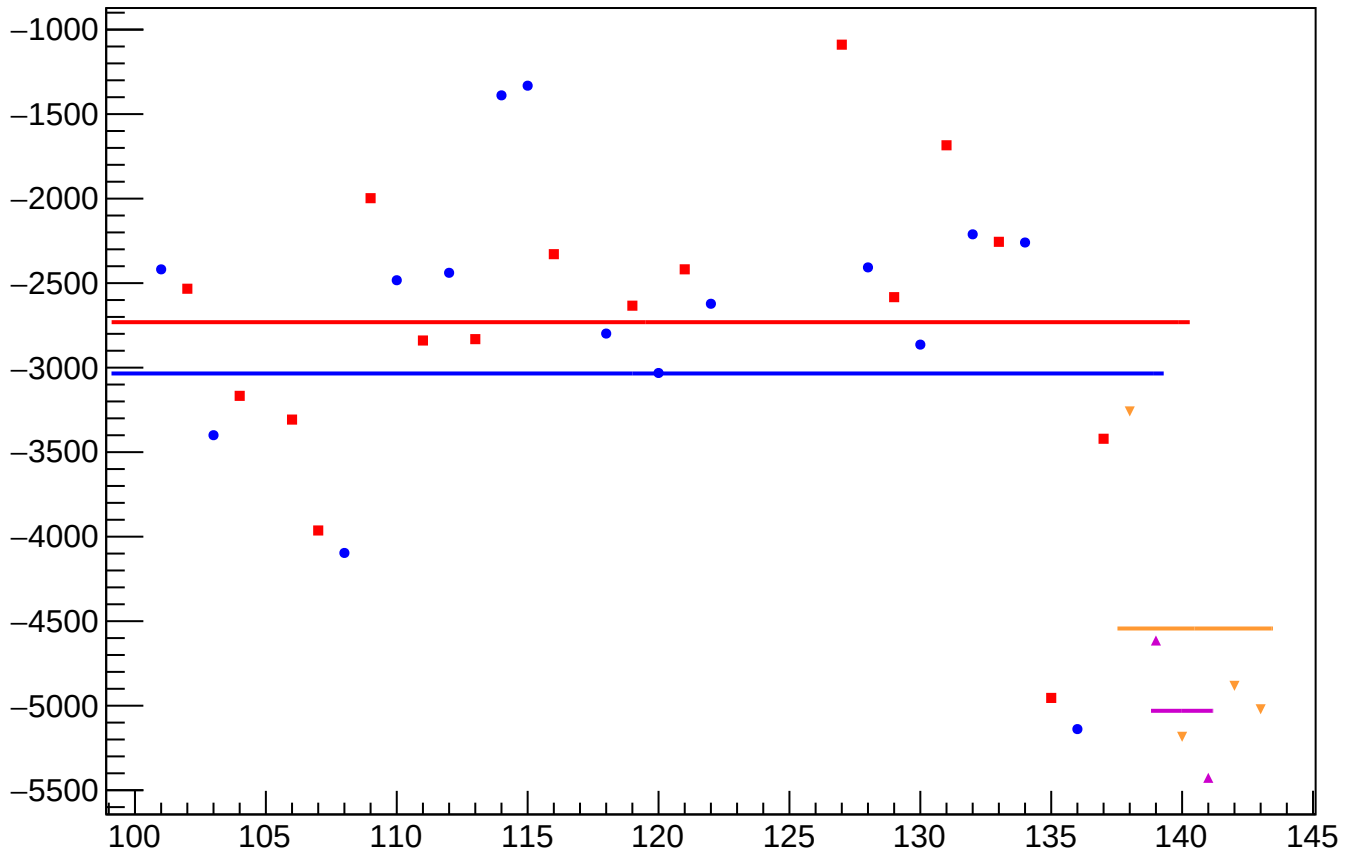
Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14
 Left Out: 190.473+/-0.000 χ^2/NDF : 551291459169947016249430736797433856.0/2
 Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15
 Left In: 221.365+/-0.000 χ^2/NDF : 23942641885581111160786173118382080.0/1

dit_usl_coil3_Ndata_mean vs Slug



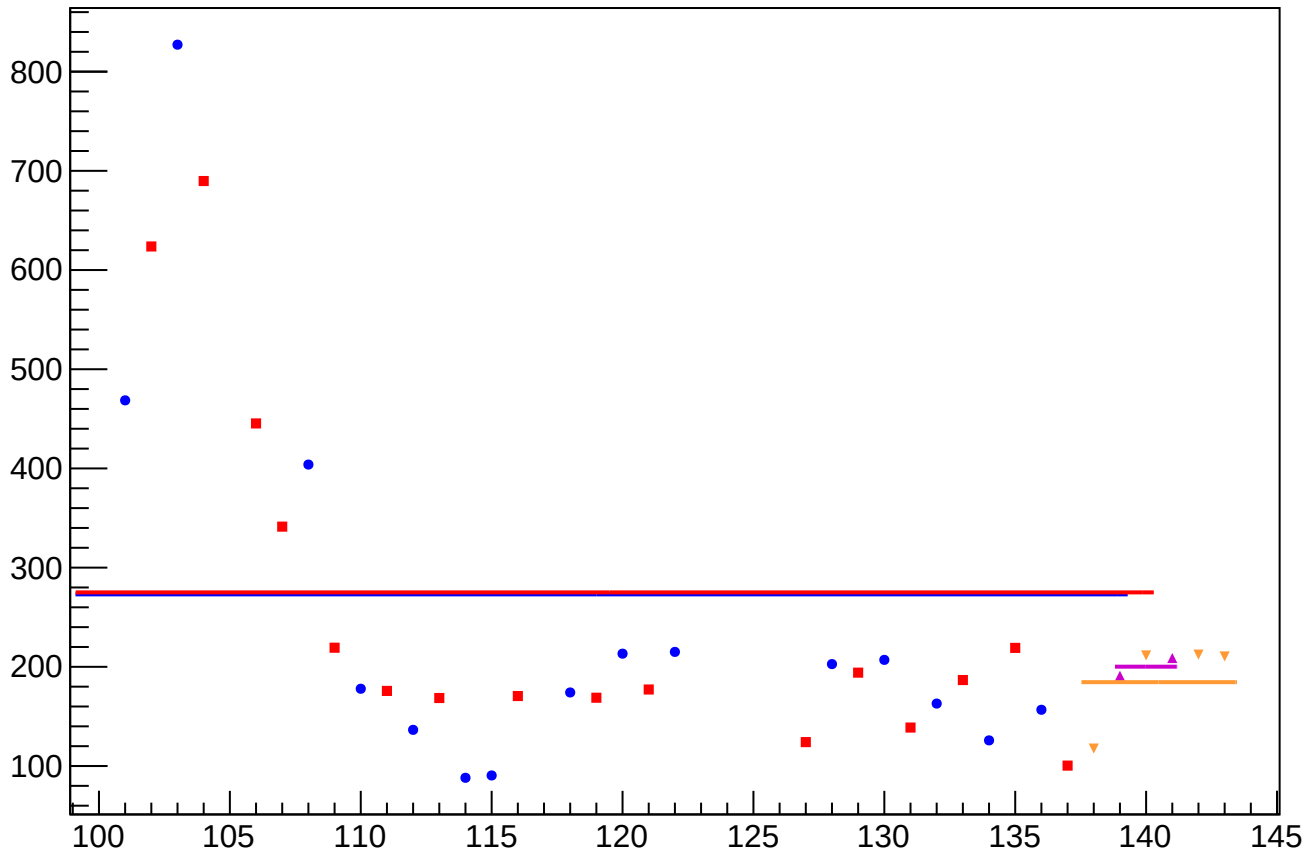
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000	χ^2/NDF : 630694553353463868547335175090919702528.0/14
Left Out: -4543.334+/-0.000	χ^2/NDF : 182900925603120173084857007236290969600.0/3
Right Out: -2731.035+/-0.000	χ^2/NDF : 528290847703567991555694629239211950080.0/15
Left In: -5030.238+/-0.000	χ^2/NDF : 27367462564676602822113266625144684544.0/1

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 184.542+/-0.000 χ^2/NDF : 489632990255985552659814337623359488.0/3

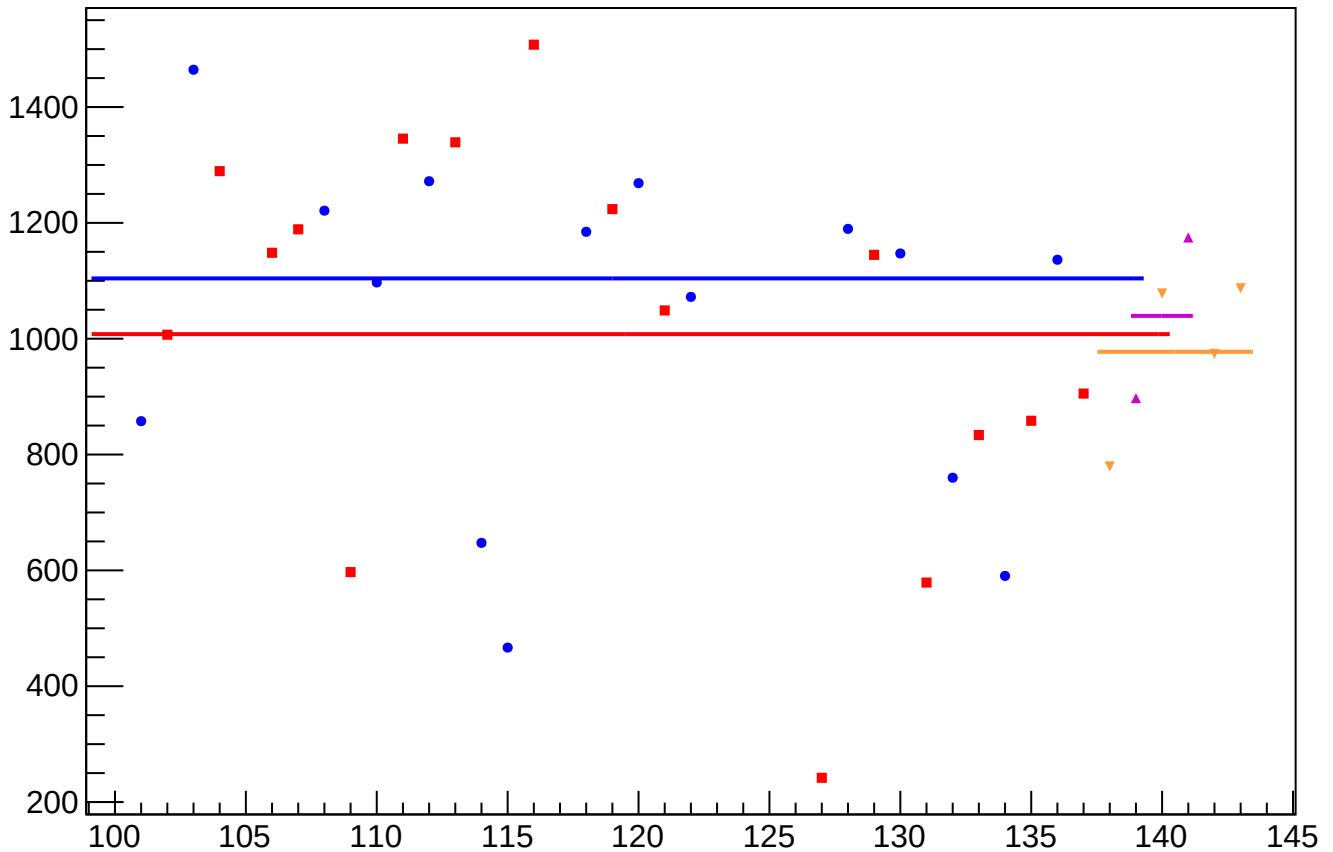
Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

Left In: 200.146+/-0.000 χ^2/NDF : 13267347293414068221891269170823168.0/1

246.835+/-0.000 χ^2/NDF : 28480559712066718

260.118+/-0.000 χ^2/NDF : 23023665568171852

dit_usr_coil3_Ndata_mean vs Slug



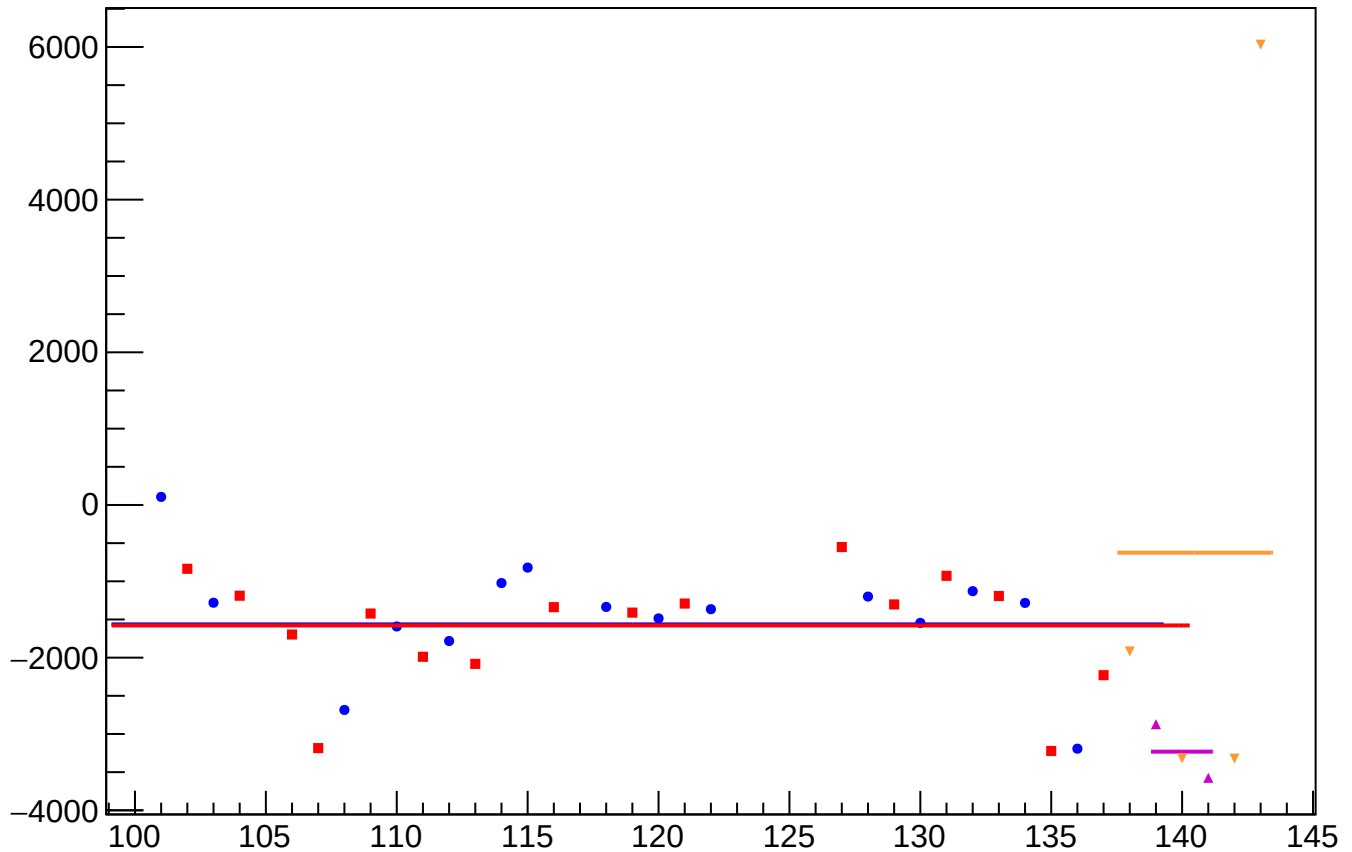
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

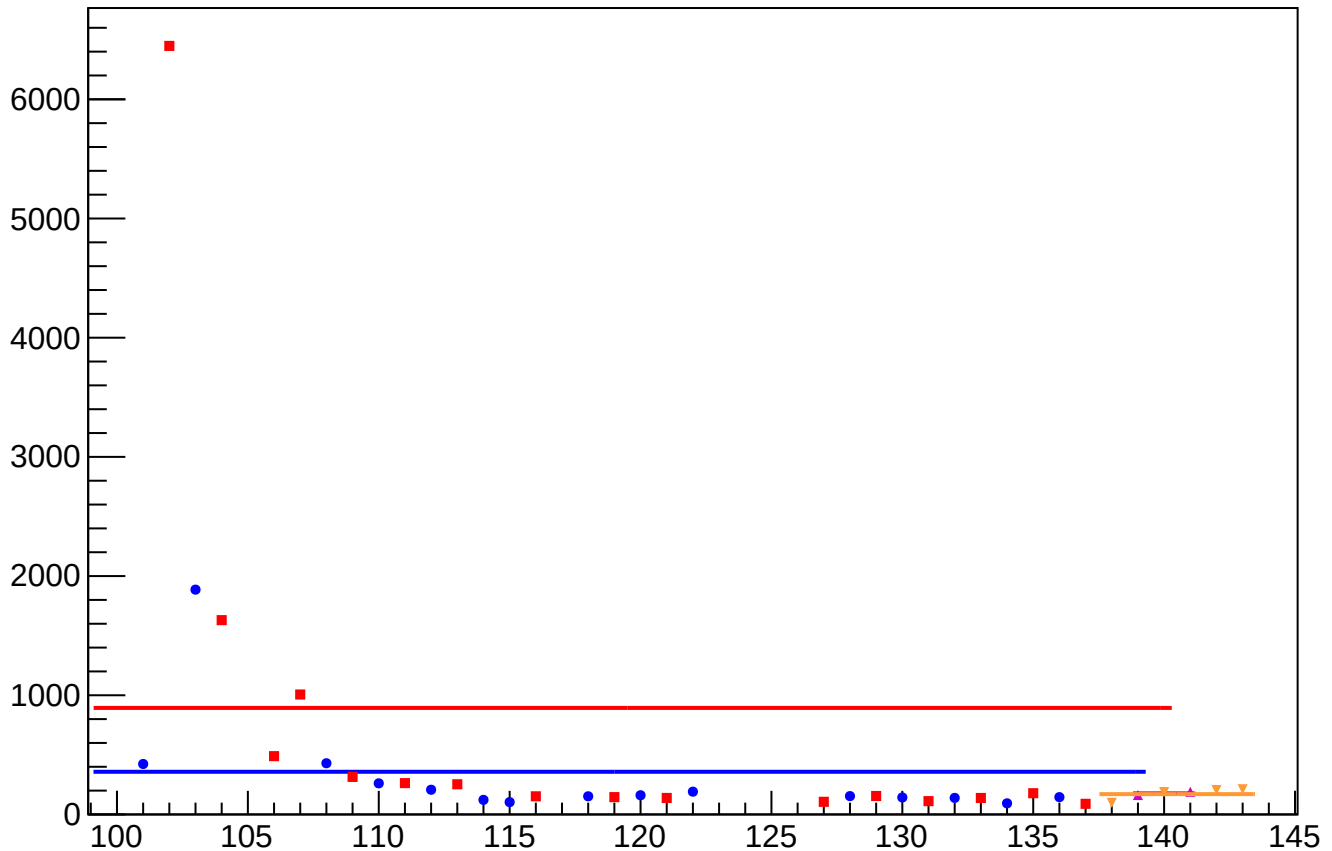
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -625.309+/-0.000 χ^2/NDF : 4028466661997418102708846865084422553600.0/3
 Right Out: -1578.178+/-0.000 χ^2/NDF : 368450572556217564071963203581098590208.0/15
 Left In: -3231.395+/-0.000 χ^2/NDF : 20452683799739595695879152384383909888.0/1

dit_atl1_coil3_err_mean vs Slug



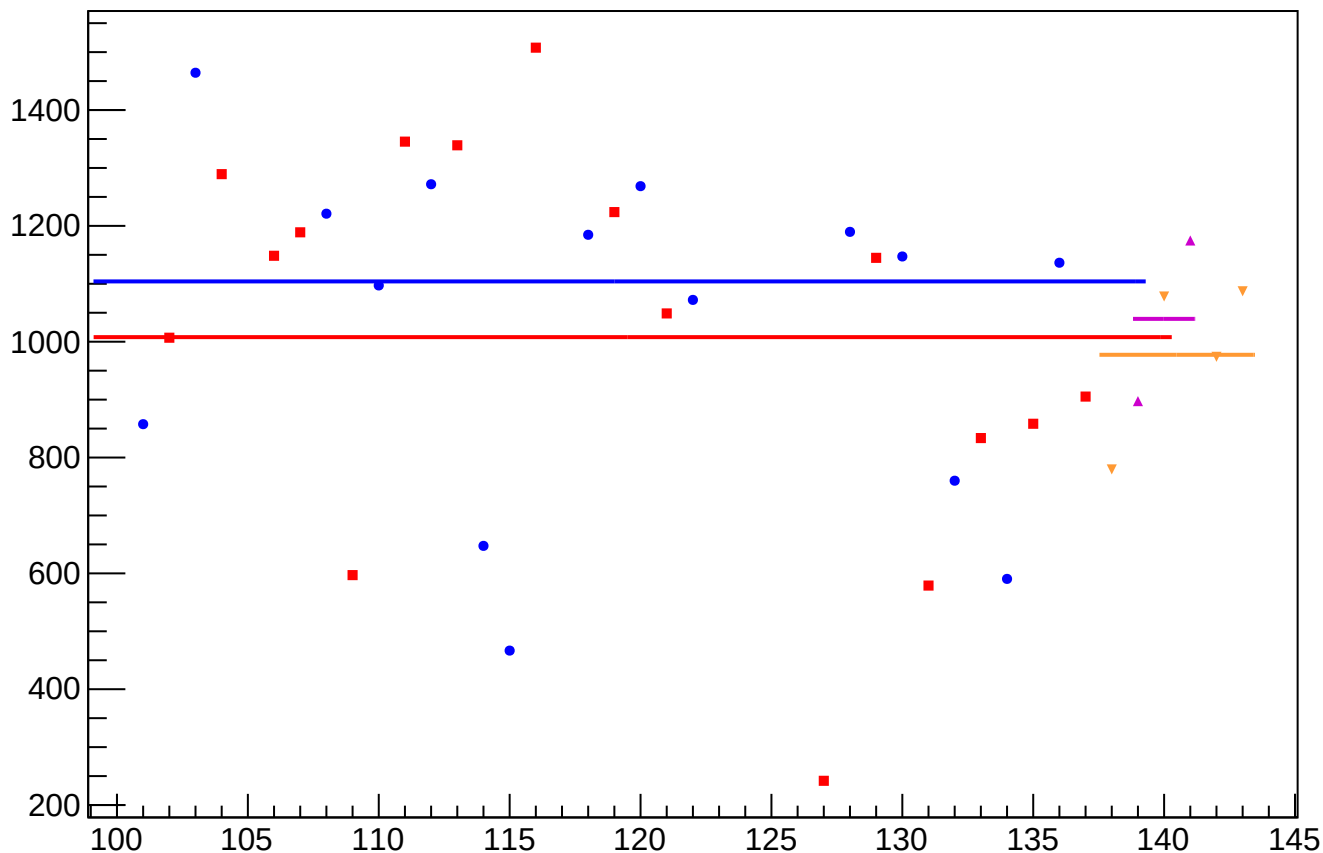
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 170.502+/-0.000 χ^2/NDF : 609255866771218804787193641628073984.0/3

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: 177.230+/-0.000 χ^2/NDF : 31273982798588267061885750063661056.0/1

dit_atl1_coil3_Ndata_mean vs Slug



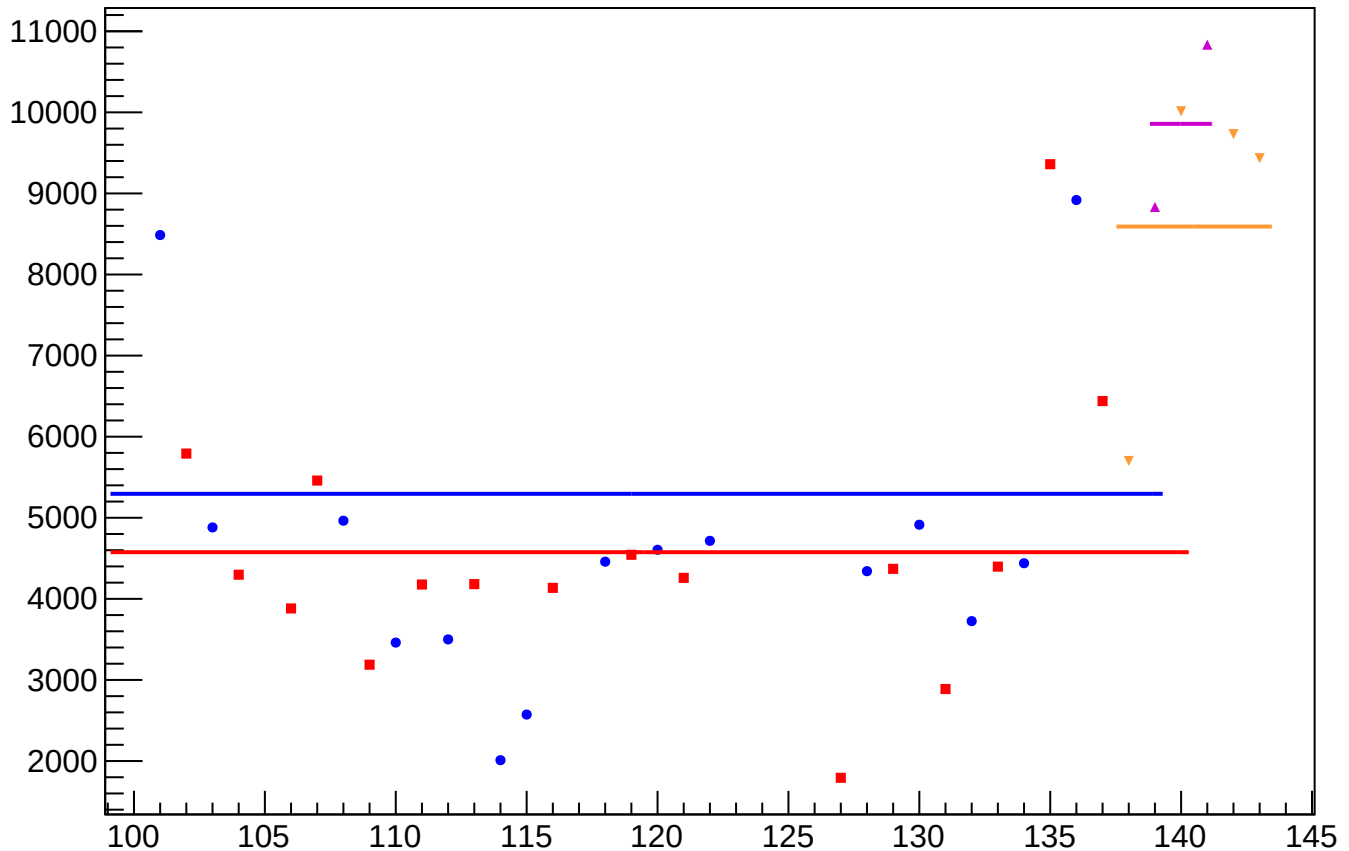
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

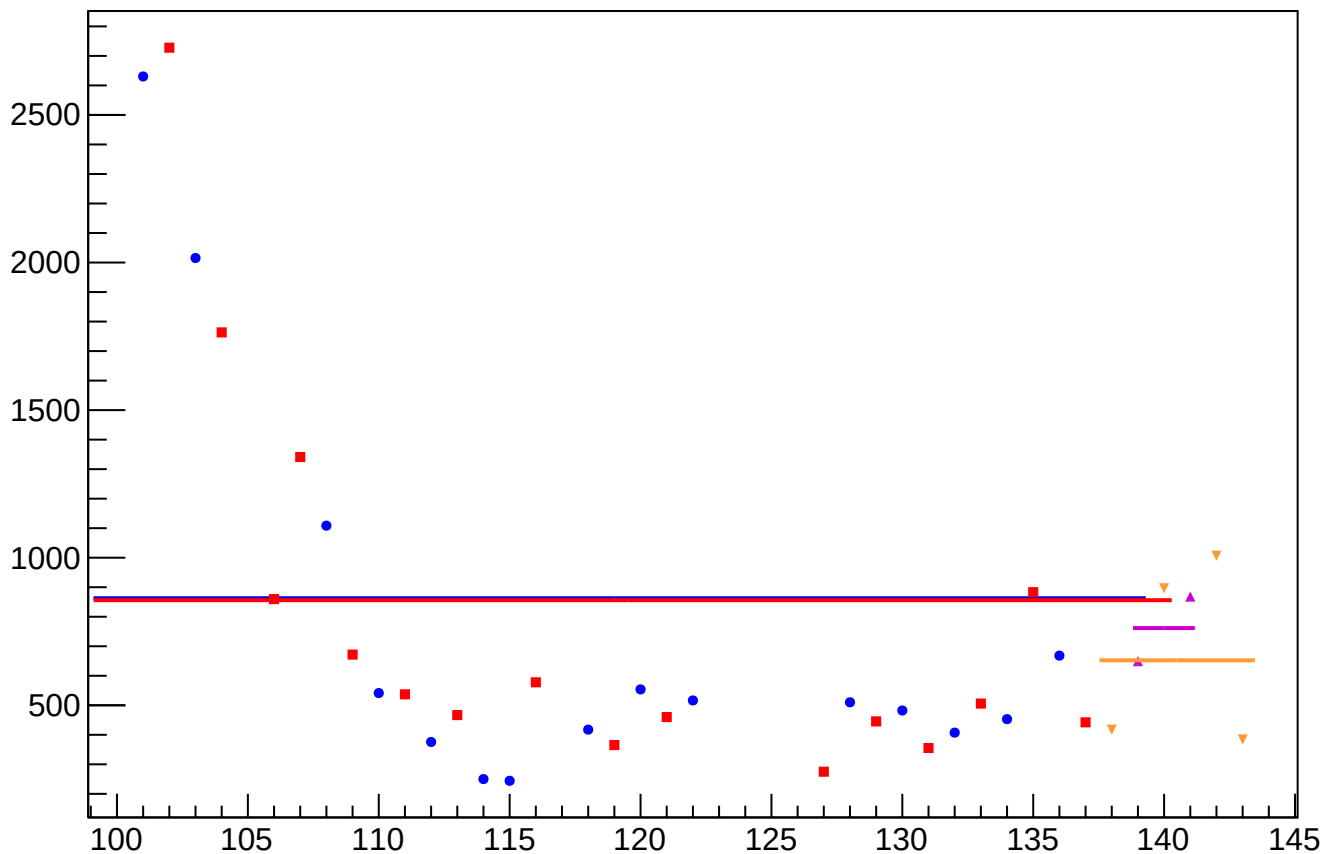
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atl2_coil3_mean vs Slug



Right In: 5295.485 $\pm$ 0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 8591.529 $\pm$ 0.000 χ^2/NDF : 924998669657510676108739131410770558976.0/3
 Right Out: 4575.270 $\pm$ 0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 9858.106 $\pm$ 0.000 χ^2/NDF : 166091348545306474068727849037917585408.0/1

dit_atl2_coil3_err_mean vs Slug



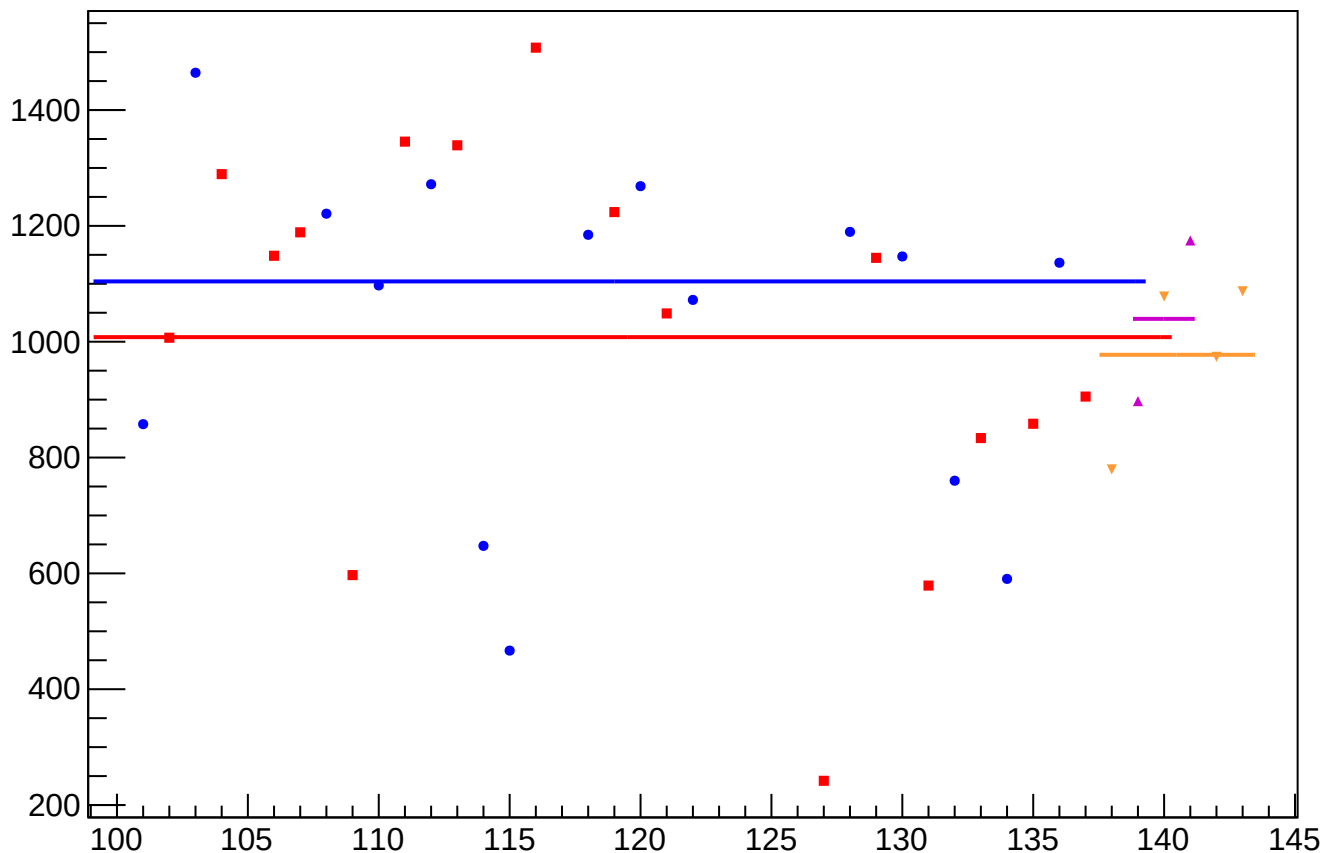
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 652.495+/-0.000 χ^2/NDF : 19765431052665537201914299750853640192.0/3

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: 761.580+/-0.000 χ^2/NDF : 1986131780685008601840645013774532608.0/1

dit_atl2_coil3_Ndata_mean vs Slug



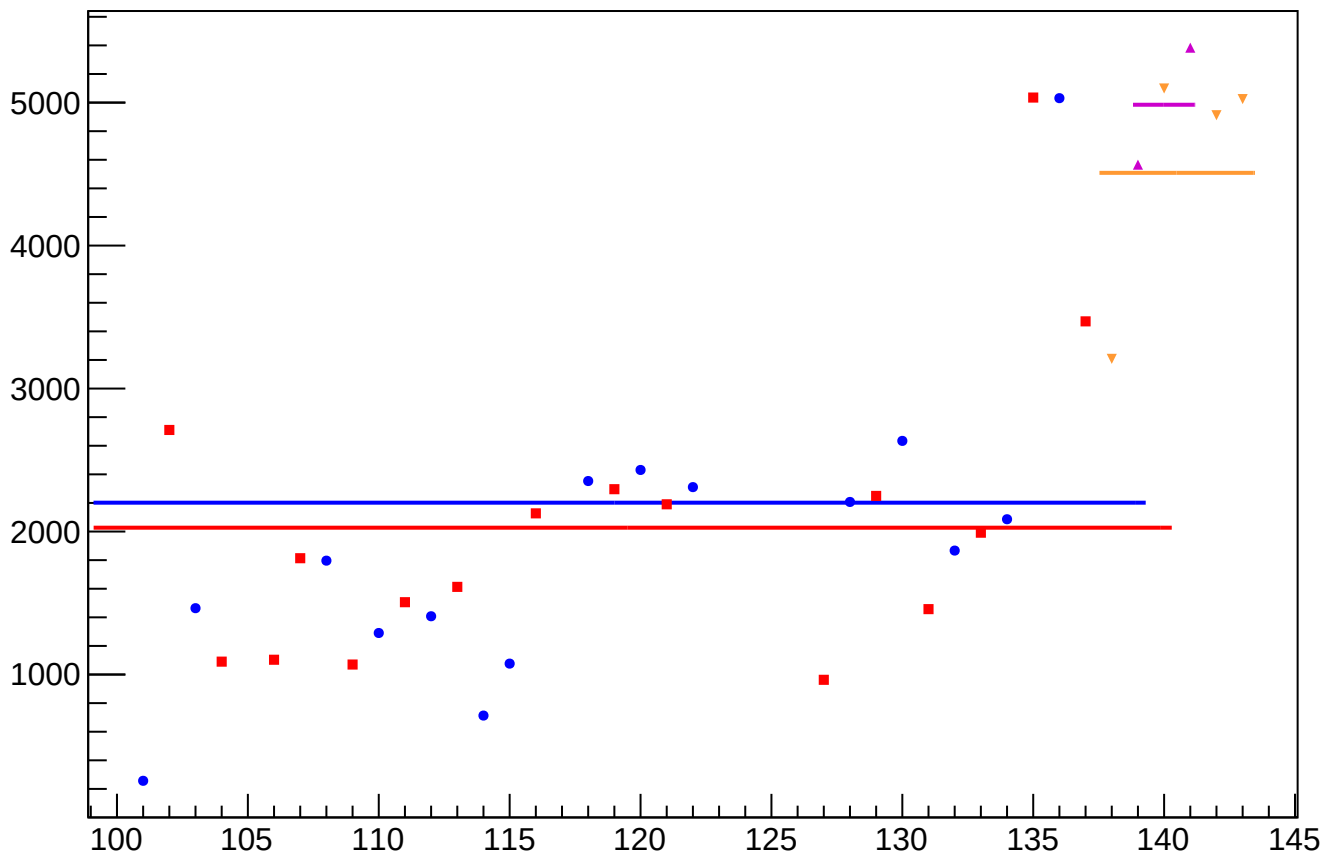
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

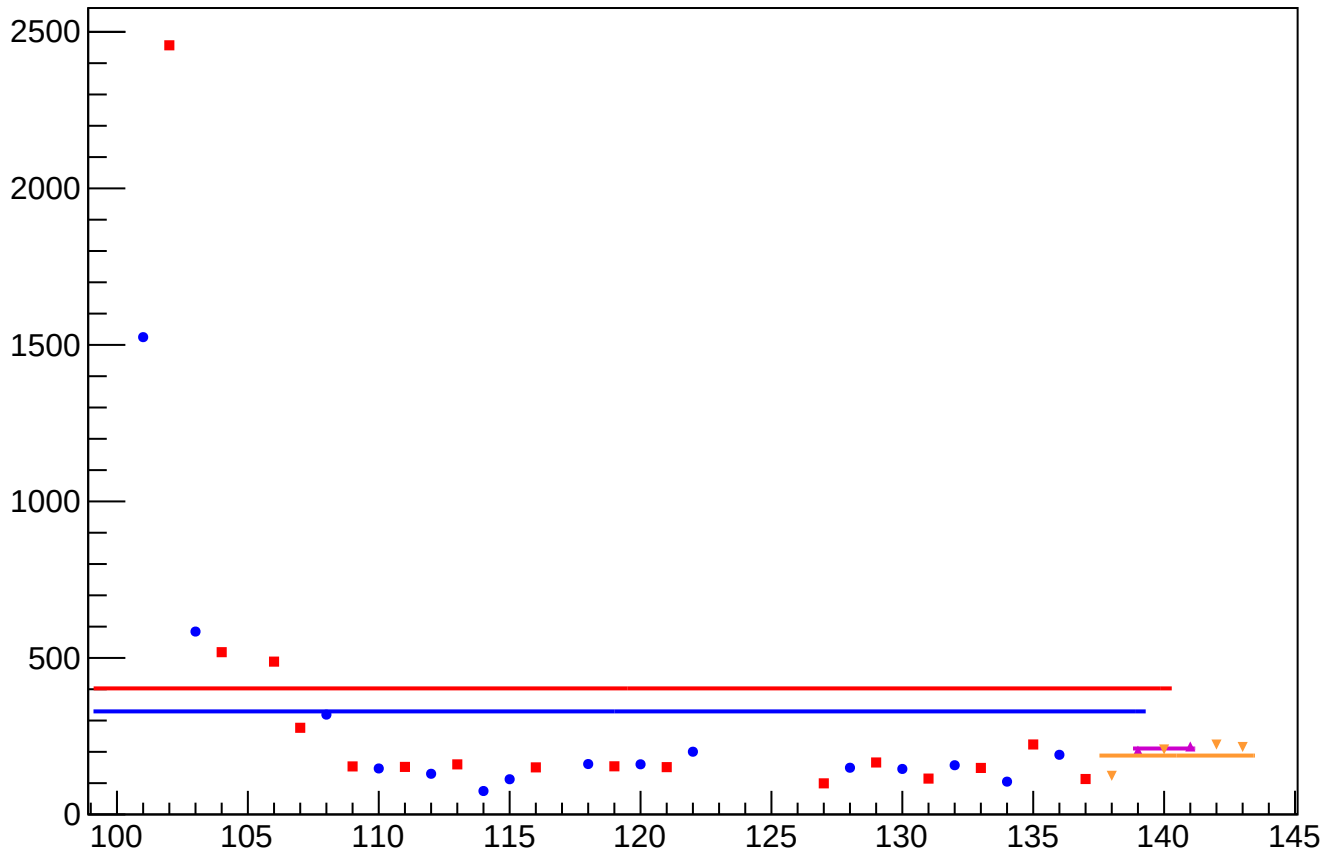
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4508.681+/-0.000 χ^2/NDF : 185846094151652680923061350454200893440.0/3
 Right Out: 2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: 4984.912+/-0.000 χ^2/NDF : 27759875427650015916387024401466392576.0/1

dit_atr1_coil3_err_mean vs Slug



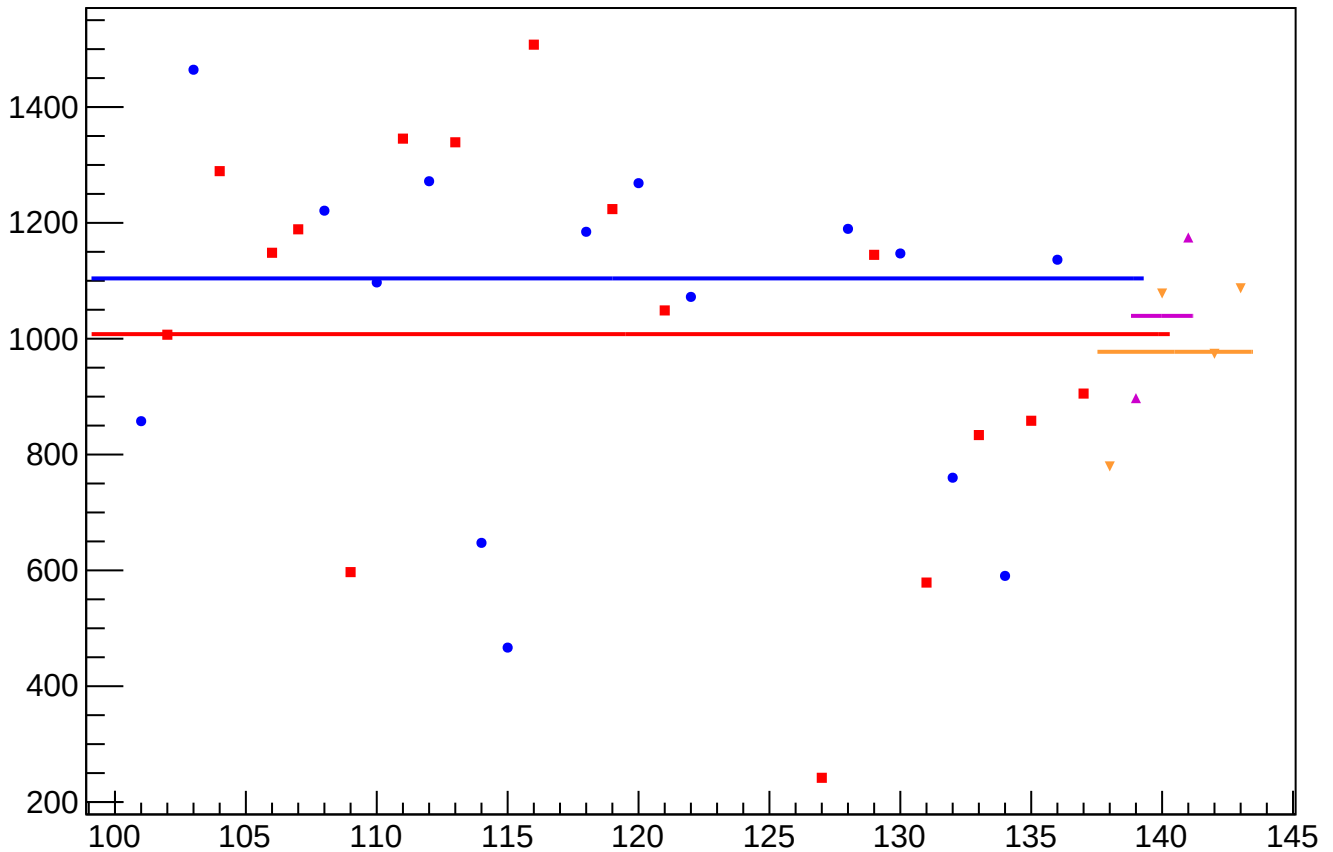
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 188.130+/-0.000 χ^2/NDF : 465213152688836258493479418350010368.0/3

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

Left In: 210.686+/-0.000 χ^2/NDF : 7417115842271947478657187727802368.0/1

dit_atr1_coil3_Ndata_mean vs Slug



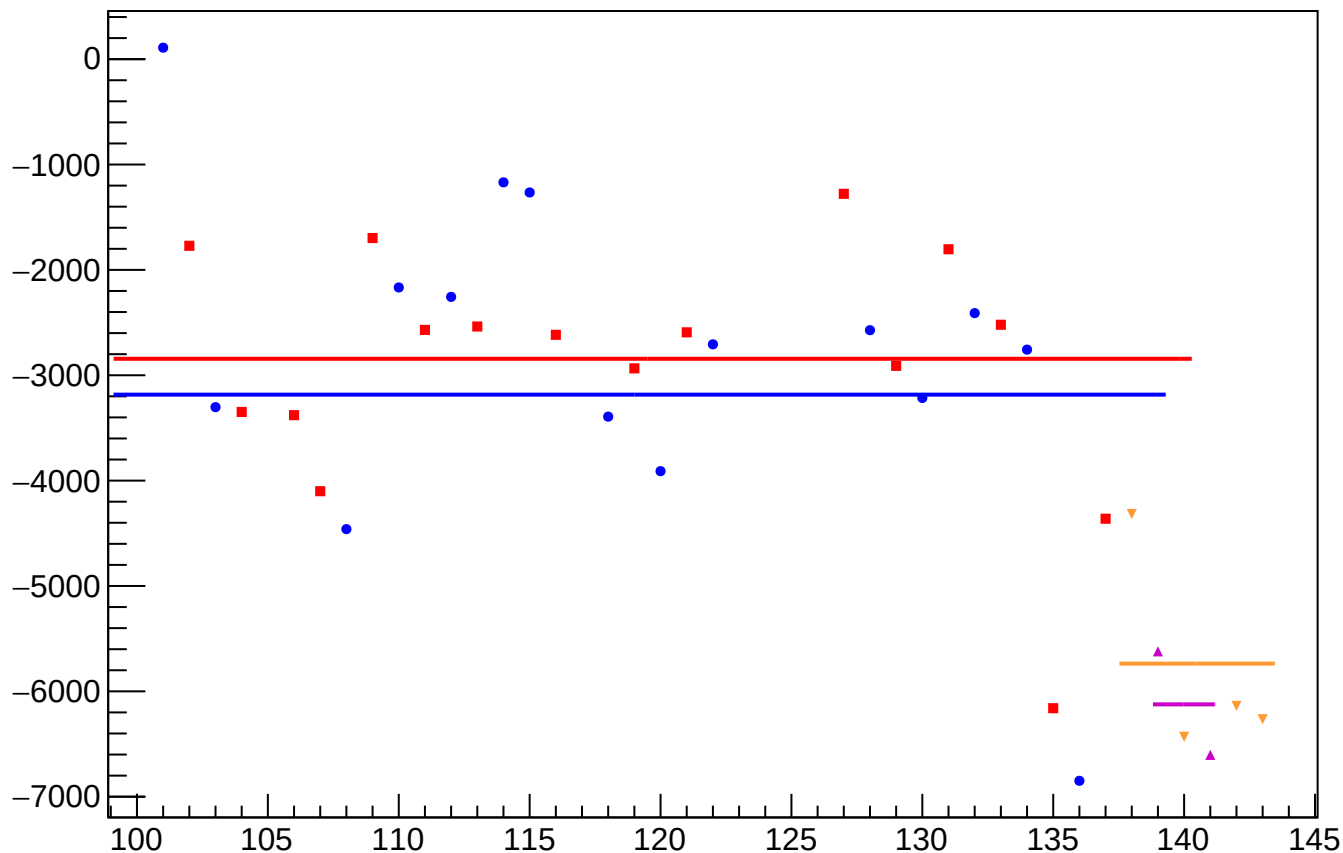
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

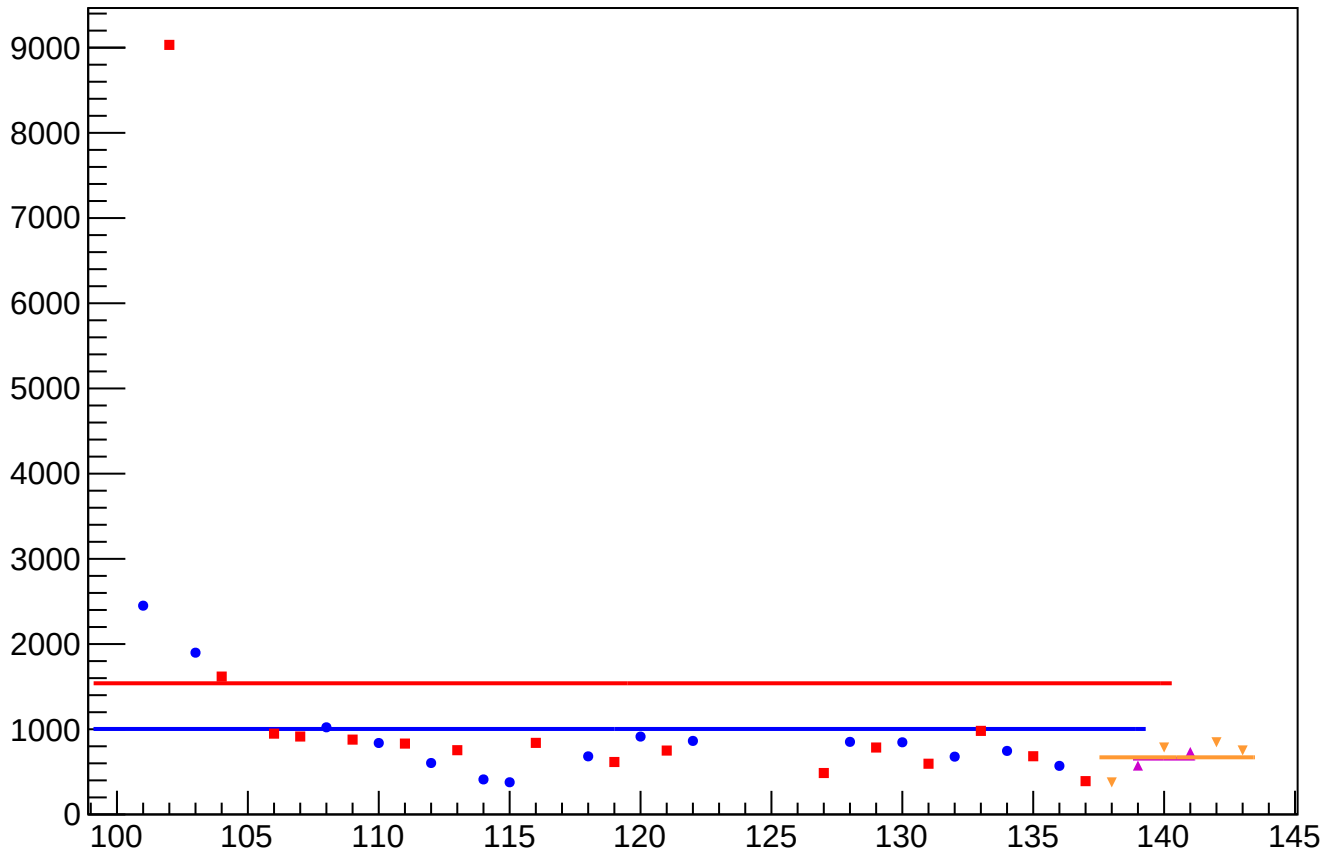
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atr2_coil3_mean vs Slug



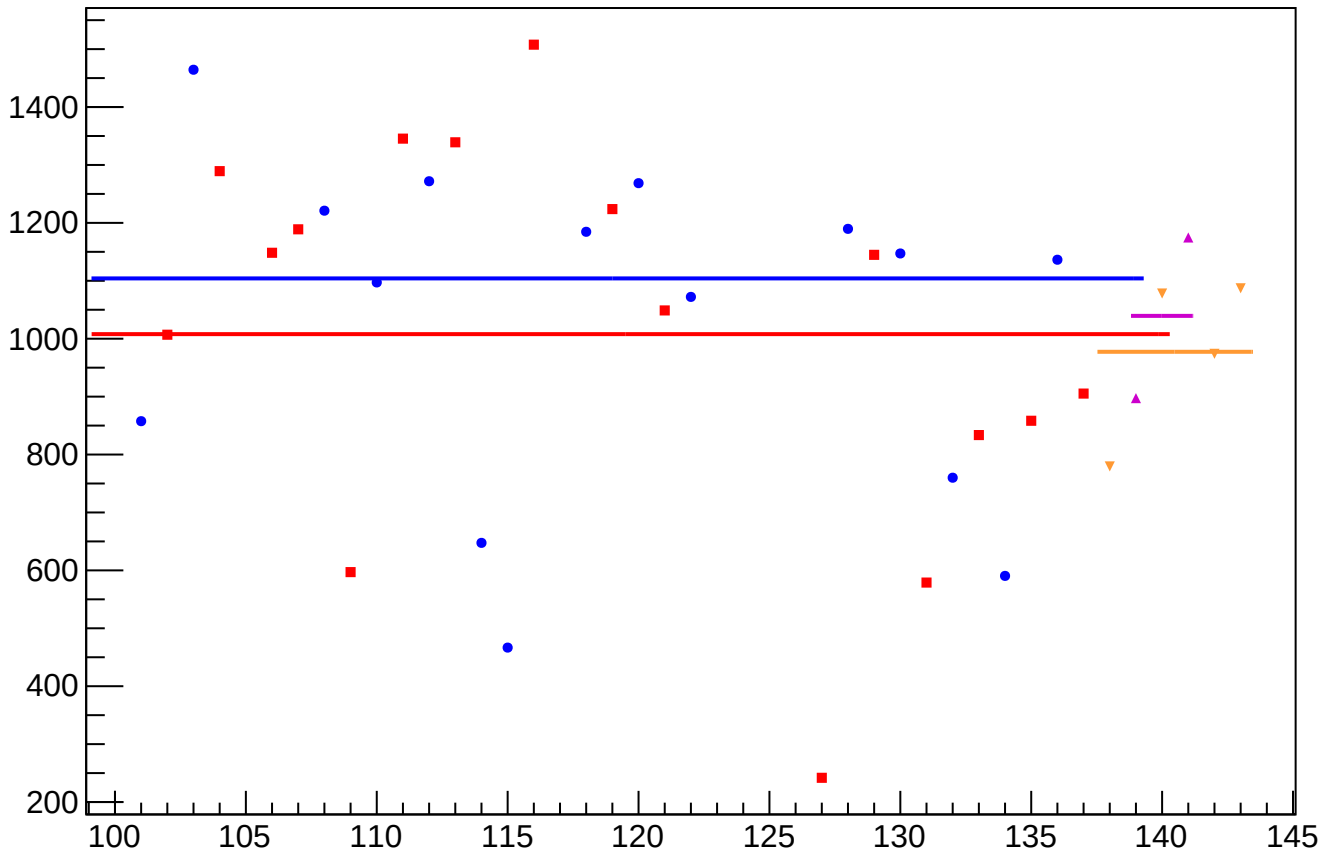
Right In: -3183.928 ± 0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -5736.865 ± 0.000 χ^2/NDF : 222990955088384636957757809837201162240.0/3
 Right Out: -2843.597 ± 0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: -6123.663 ± 0.000 χ^2/NDF : 40063838175302893345000039512895651840.0/1

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 670.649+/-0.000 χ^2/NDF : 9725571646074174293919258942961090560.0/3
 Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: 655.516+/-0.000 χ^2/NDF : 1057439467232729478394764959514886144.0/1

dit_atr2_coil3_Ndata_mean vs Slug



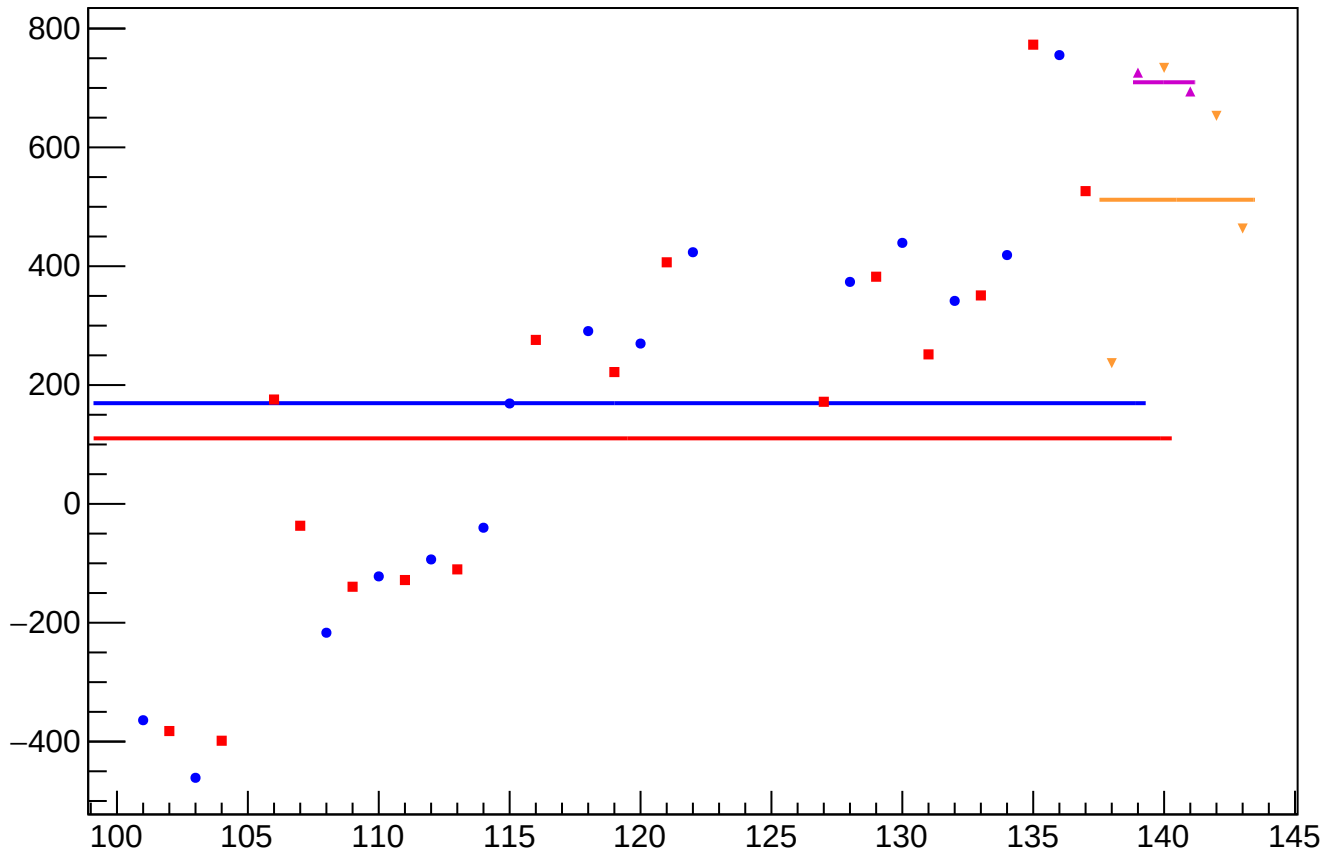
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam1_coil3_mean vs Slug



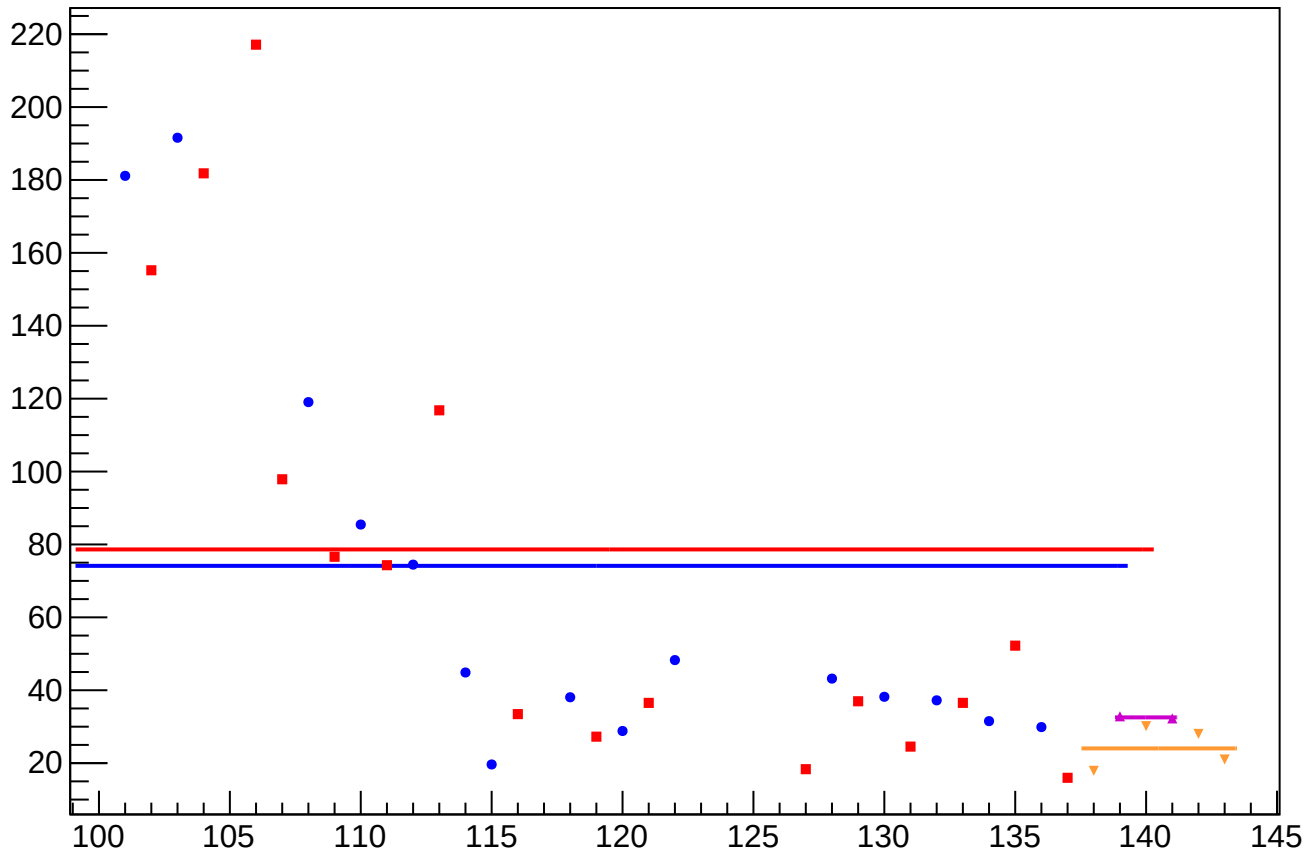
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 511.851+/-0.000 χ^2/NDF : 11012229852988240626827455820285870080.0/3

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: 709.577+/-0.000 χ^2/NDF : 41640914980926870104658522752942080.0/1

dit_sam1_coil3_err_mean vs Slug



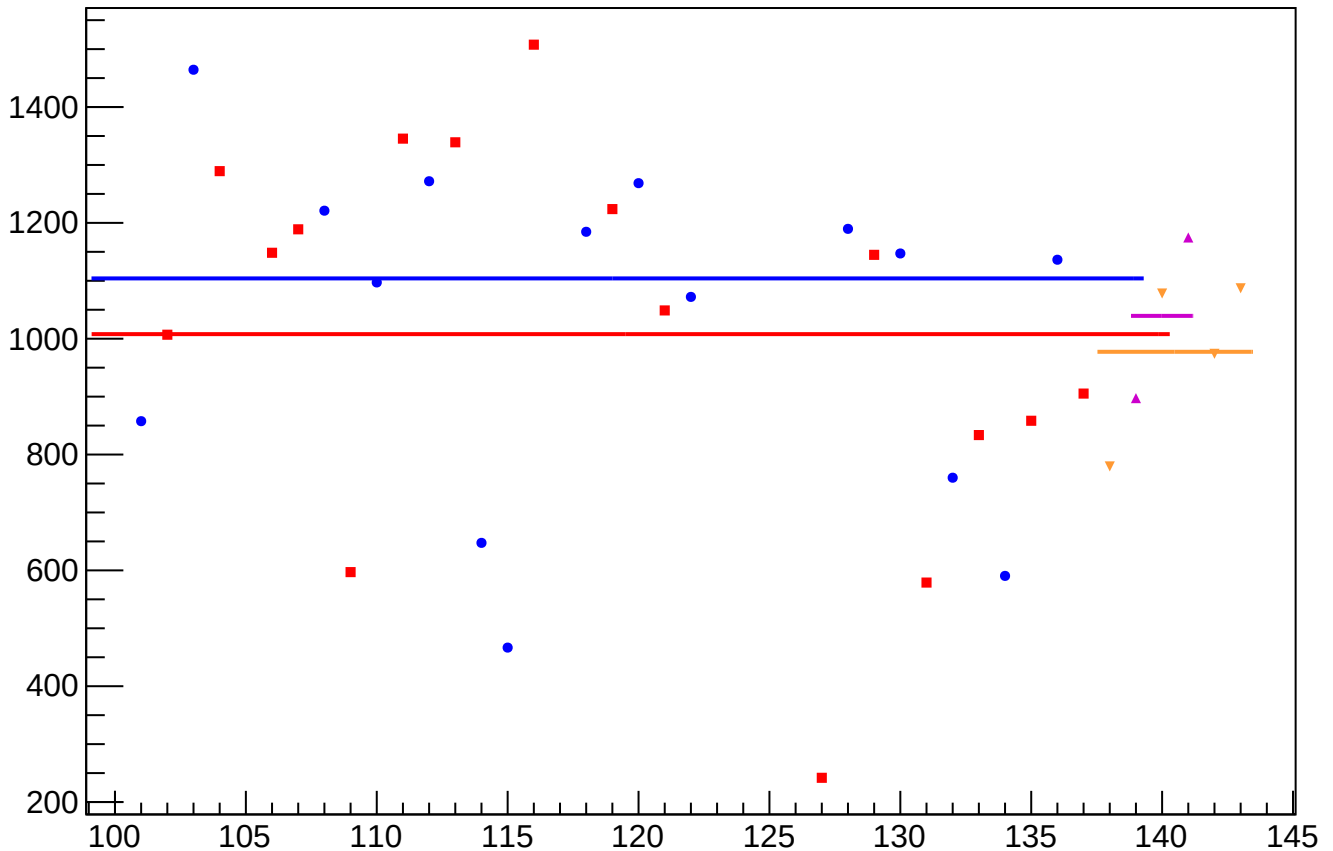
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 24.041+/-0.000 χ^2/NDF : 7353920175068448071387376731029504.0/3

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

Left In: 32.553+/-0.000 χ^2/NDF : 13499171427960770422205285662720.0/1

dit_sam1_coil3_Ndata_mean vs Slug



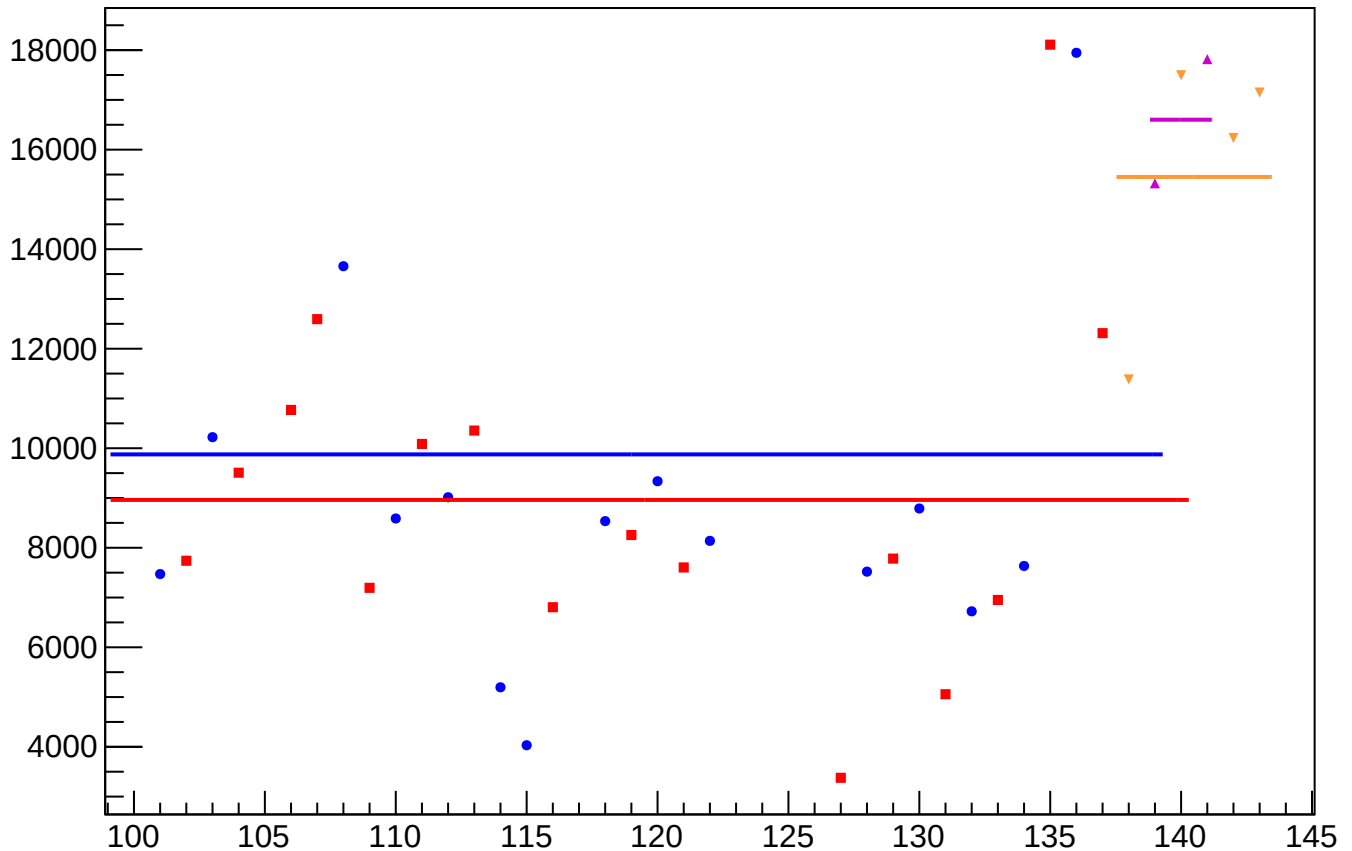
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

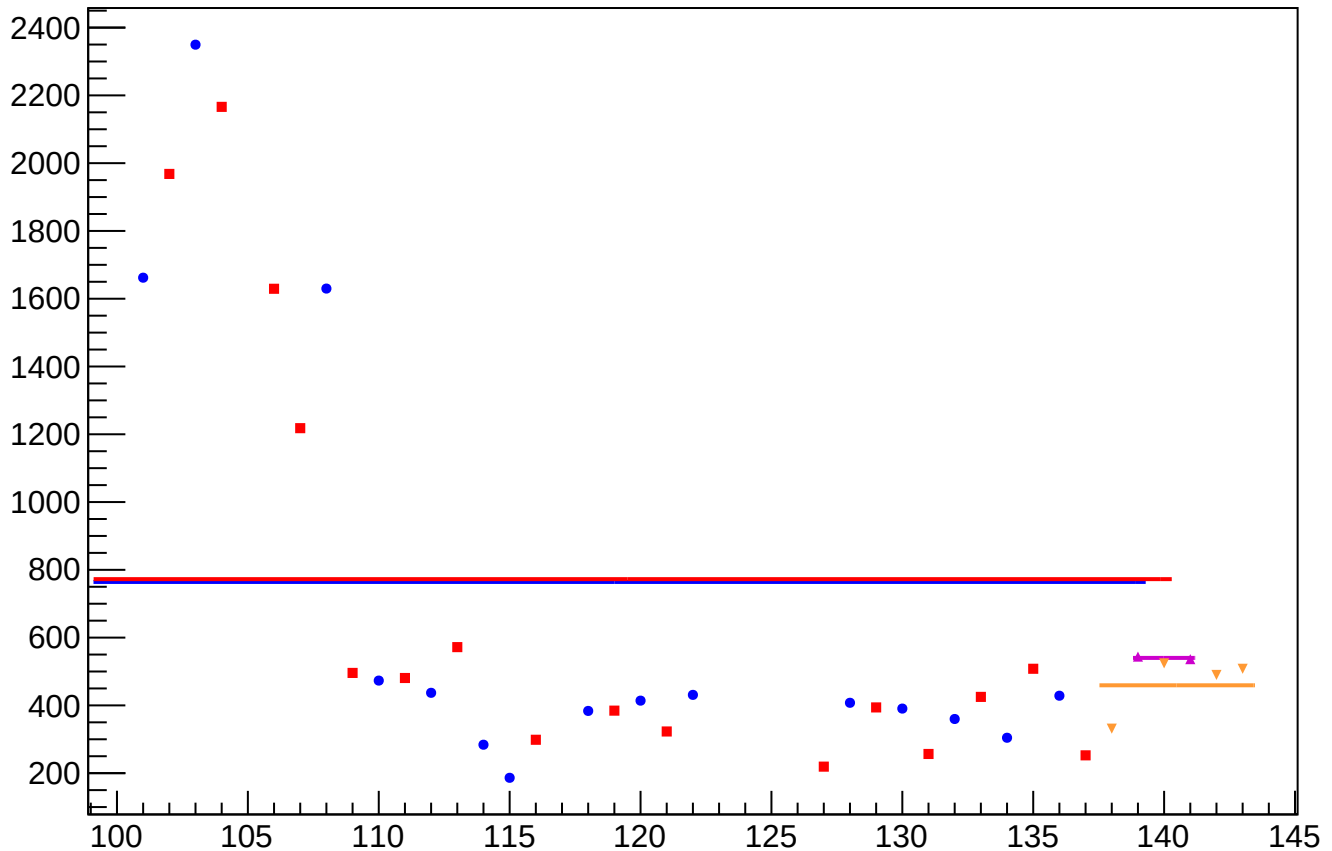
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 15451.363+/-0.000 χ^2/NDF : 1854333656391266662775867983465373761536.0/3
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 16601.766+/-0.000 χ^2/NDF : 258263044100887306236421085539157934080.0/1

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 459.297+/-0.000 χ^2/NDF : 1822308848016195870669334442183491584.0/3

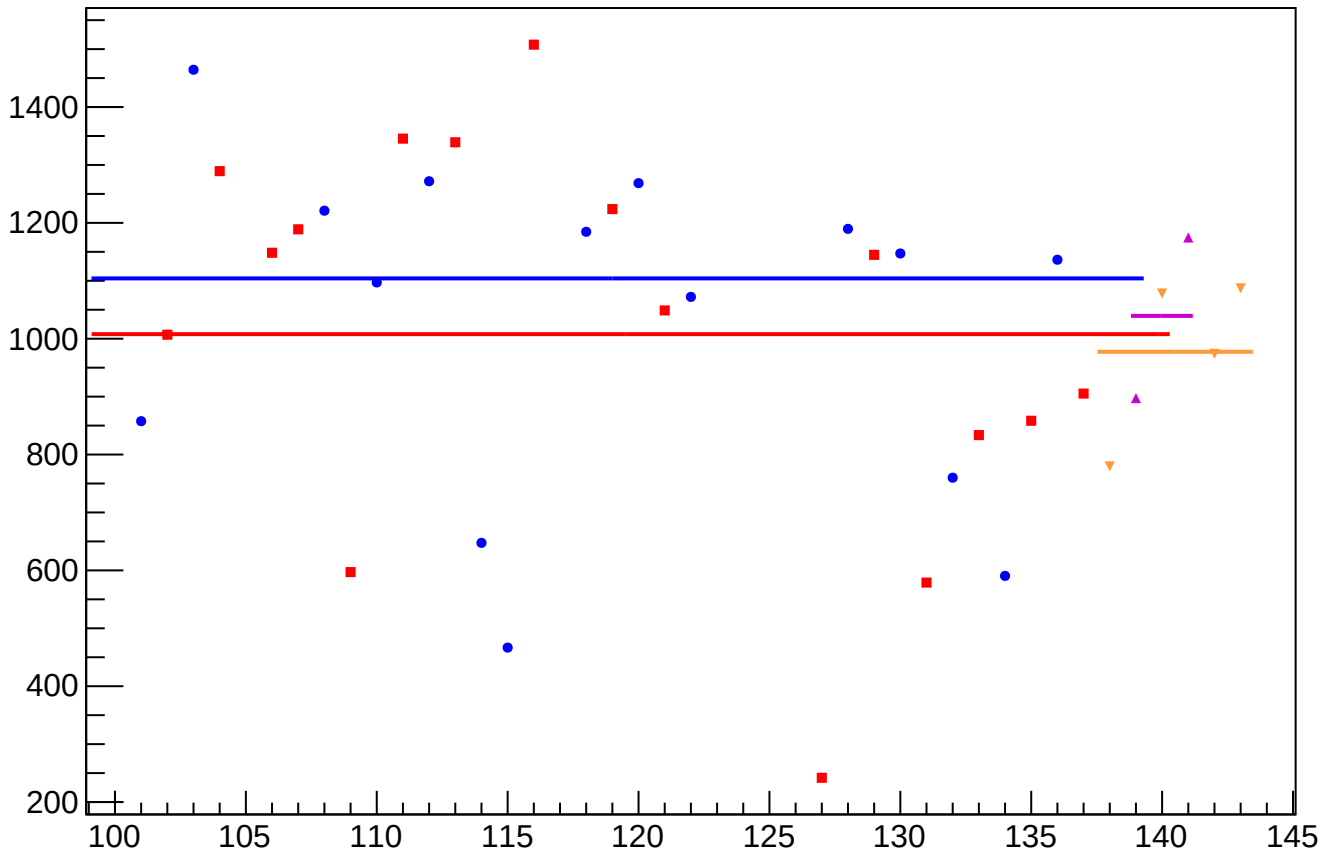
Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: 540.110+/-0.000 χ^2/NDF : 2338634700977771130264437989048320.0/1

673.979+/-0.000 χ^2/NDF : 31066180915743040

726.227+/-0.000 χ^2/NDF : 29308573417357872

dit_sam2_coil3_Ndata_mean vs Slug



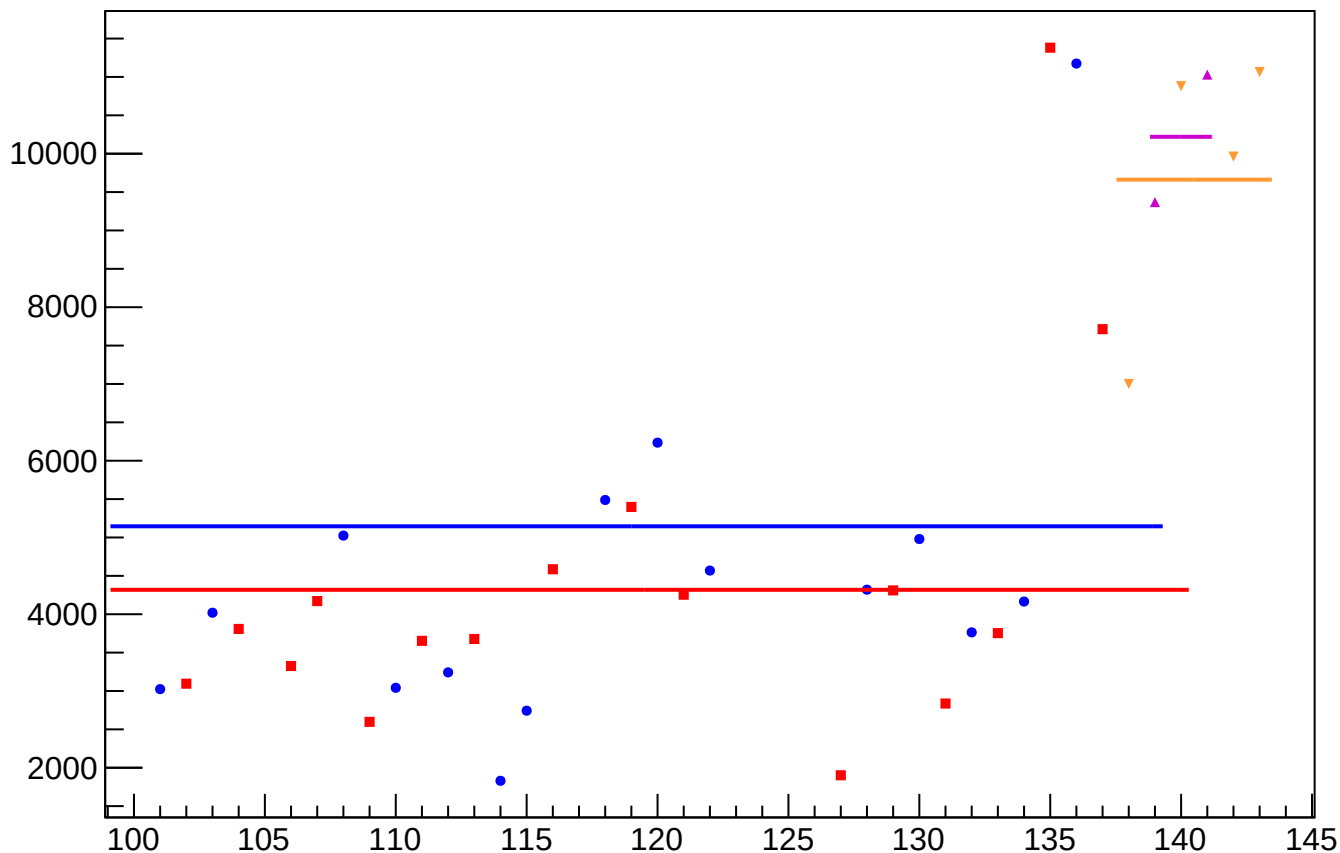
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

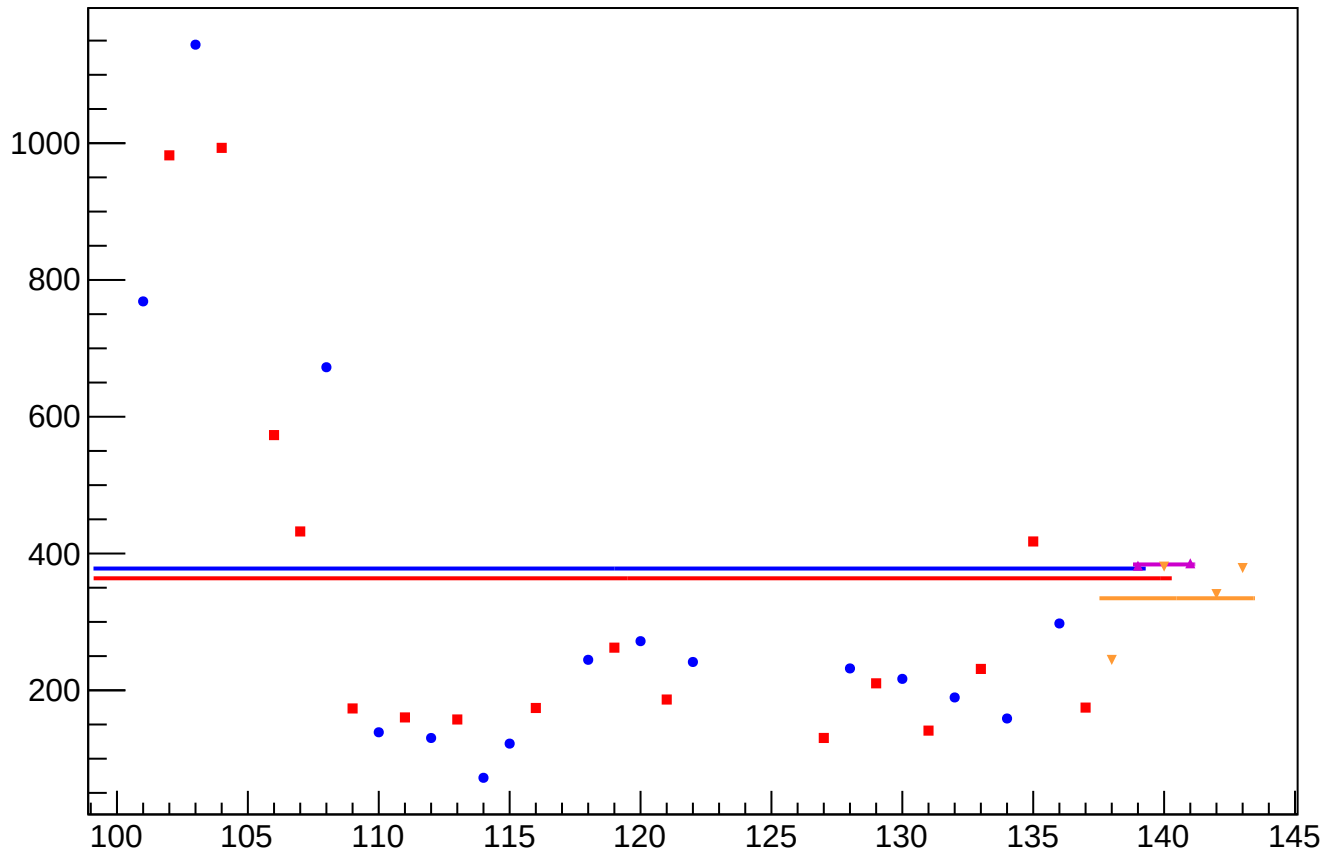
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9661.770+/-0.000 χ^2/NDF : 810080683105191467379428275253955002368.0/3
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 10220.171+/-0.000 χ^2/NDF : 114445354978394543399266070218781229056.0/1

dit_sam3_coil3_err_mean vs Slug



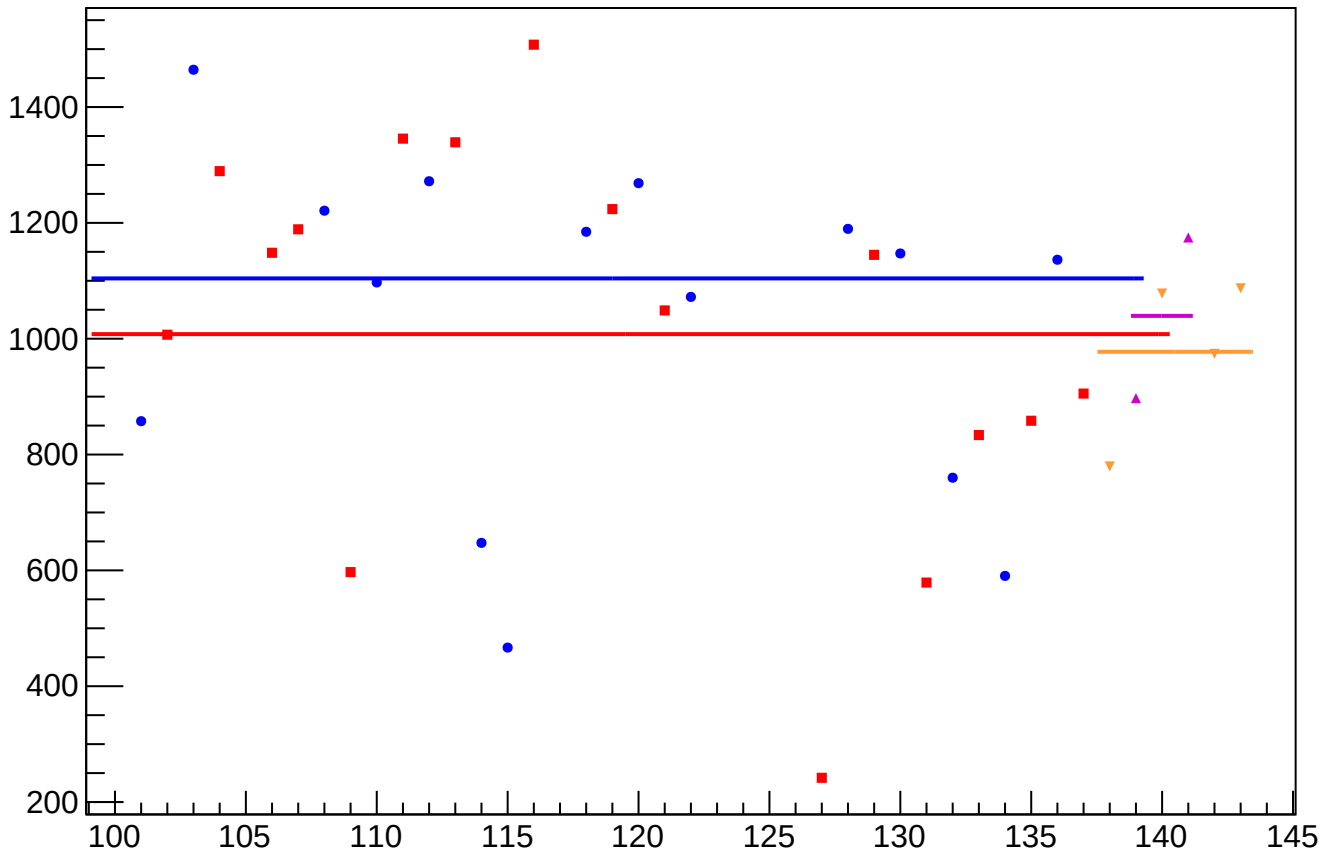
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 334.583+/-0.000 χ^2/NDF : 942121031098478837976368851128942592.0/3

Right Out: 363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: 384.026+/-0.000 χ^2/NDF : 506966975648542809714352902373376.0/1

dit_sam3_coil3_Ndata_mean vs Slug



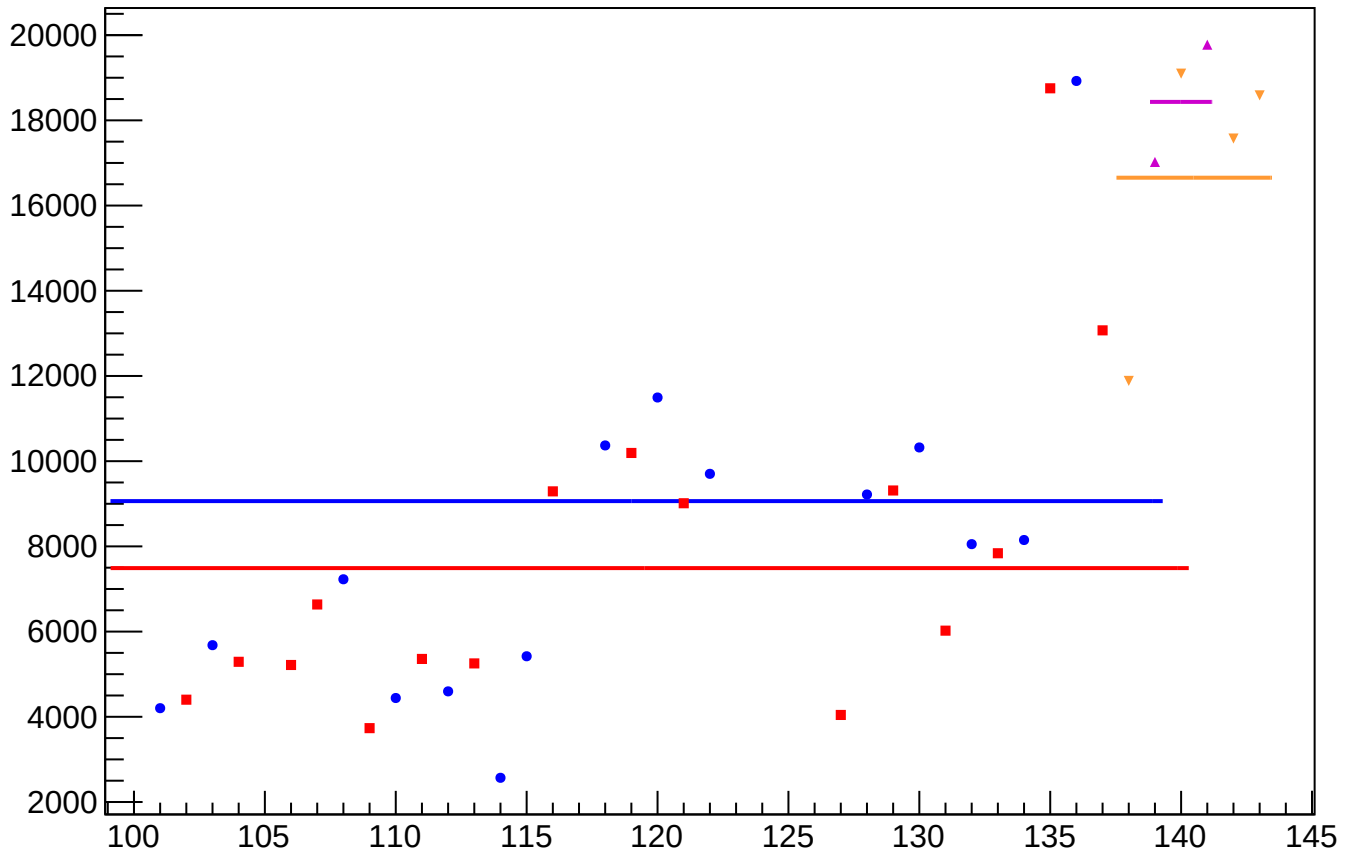
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410 +/- 0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

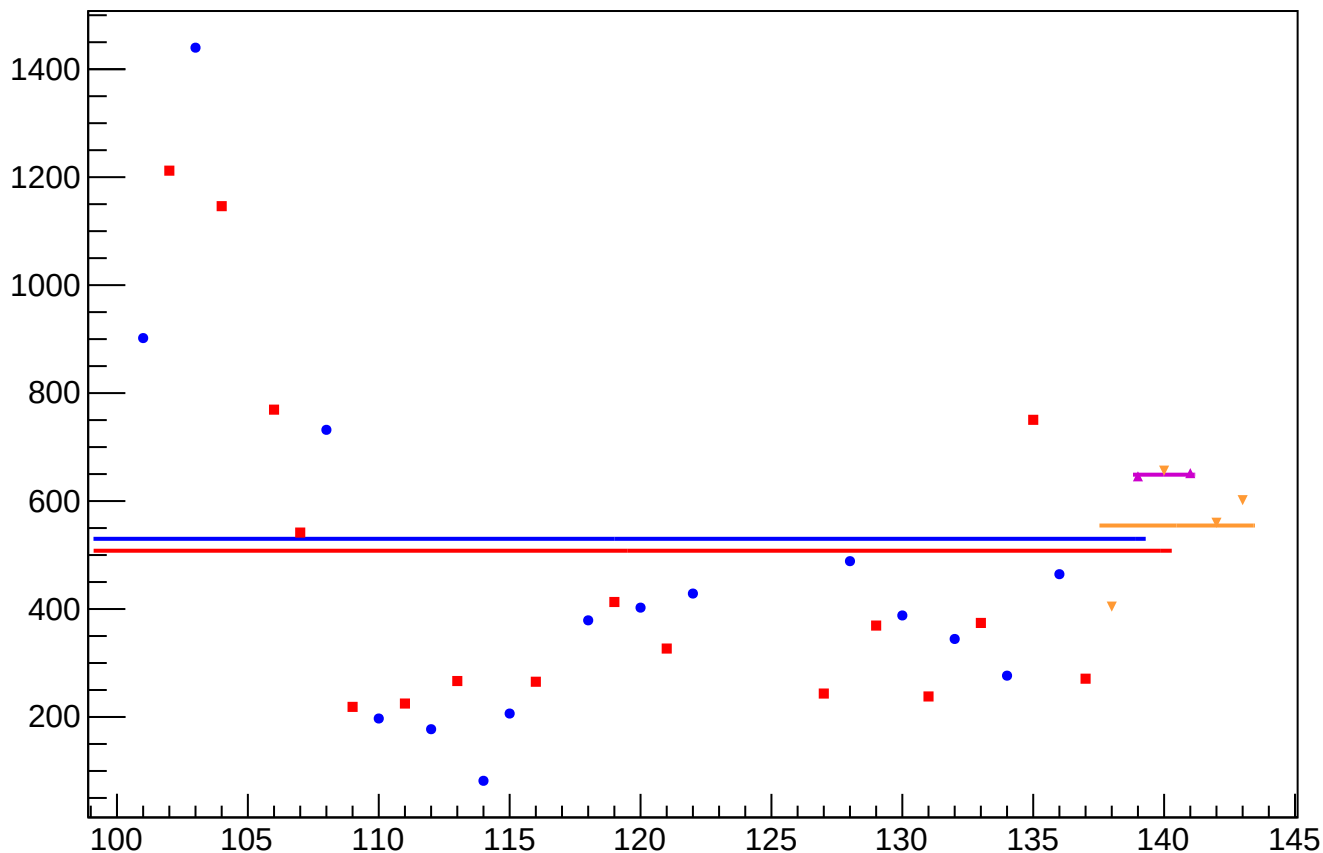
Left In: 1039.434 +/- 0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000	χ^2/NDF : 13621066943114354594159252409175431446528.0/14
Left Out: 16653.755+/-0.000	χ^2/NDF : 2552721131376114831037596192501860925440.0/3
Right Out: 7490.147+/-0.000	χ^2/NDF : 10108202124204139932285006457388239159296.0/15
Left In: 18433.097+/-0.000	χ^2/NDF : 314257356308487744970842237423144927232.0/1

dit_sam4_coil3_err_mean vs Slug



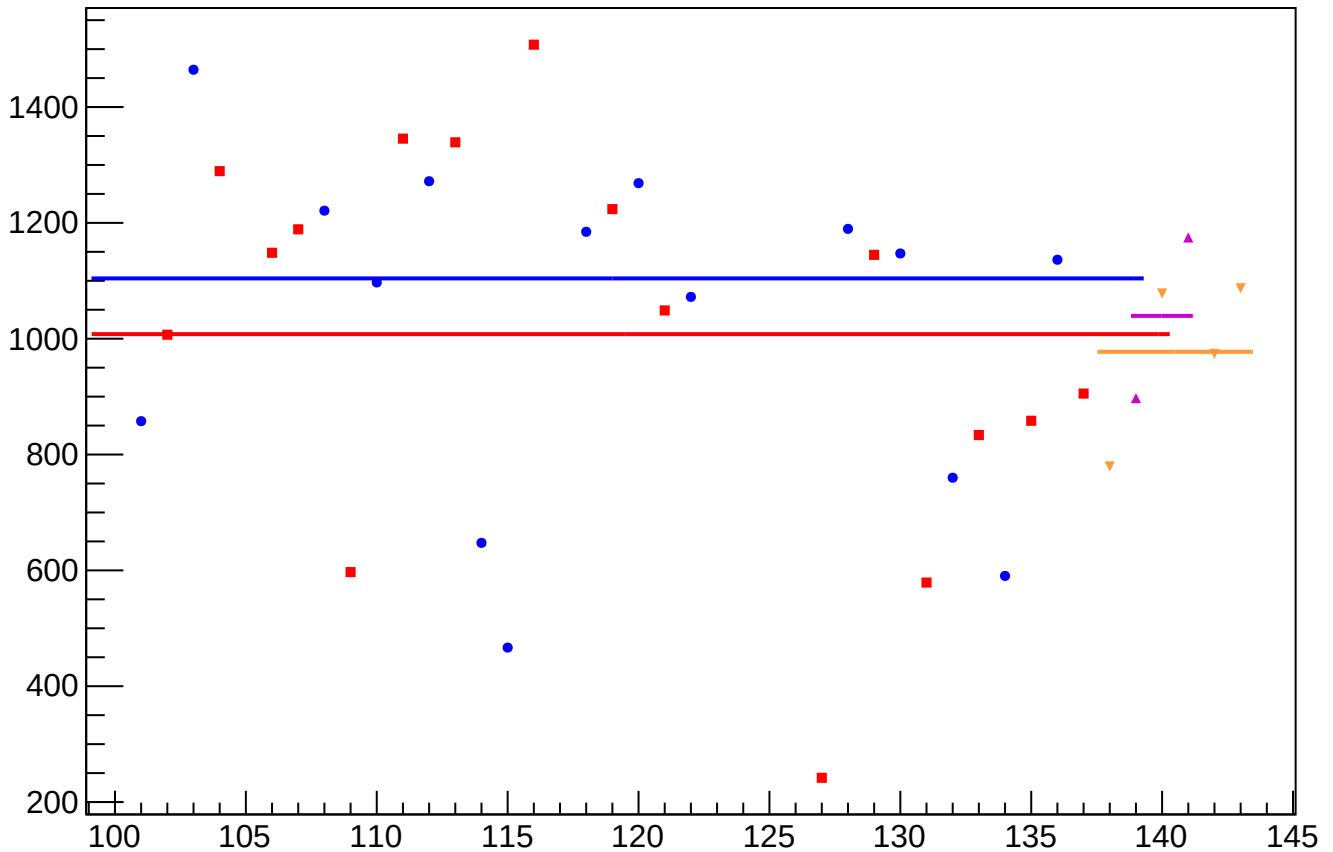
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 554.685+/-0.000 χ^2/NDF : 2756547537771495949244060579083059200.0/3

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: 648.863+/-0.000 χ^2/NDF : 1464306253366455863128214678274048.0/1

dit_sam4_coil3_Ndata_mean vs Slug



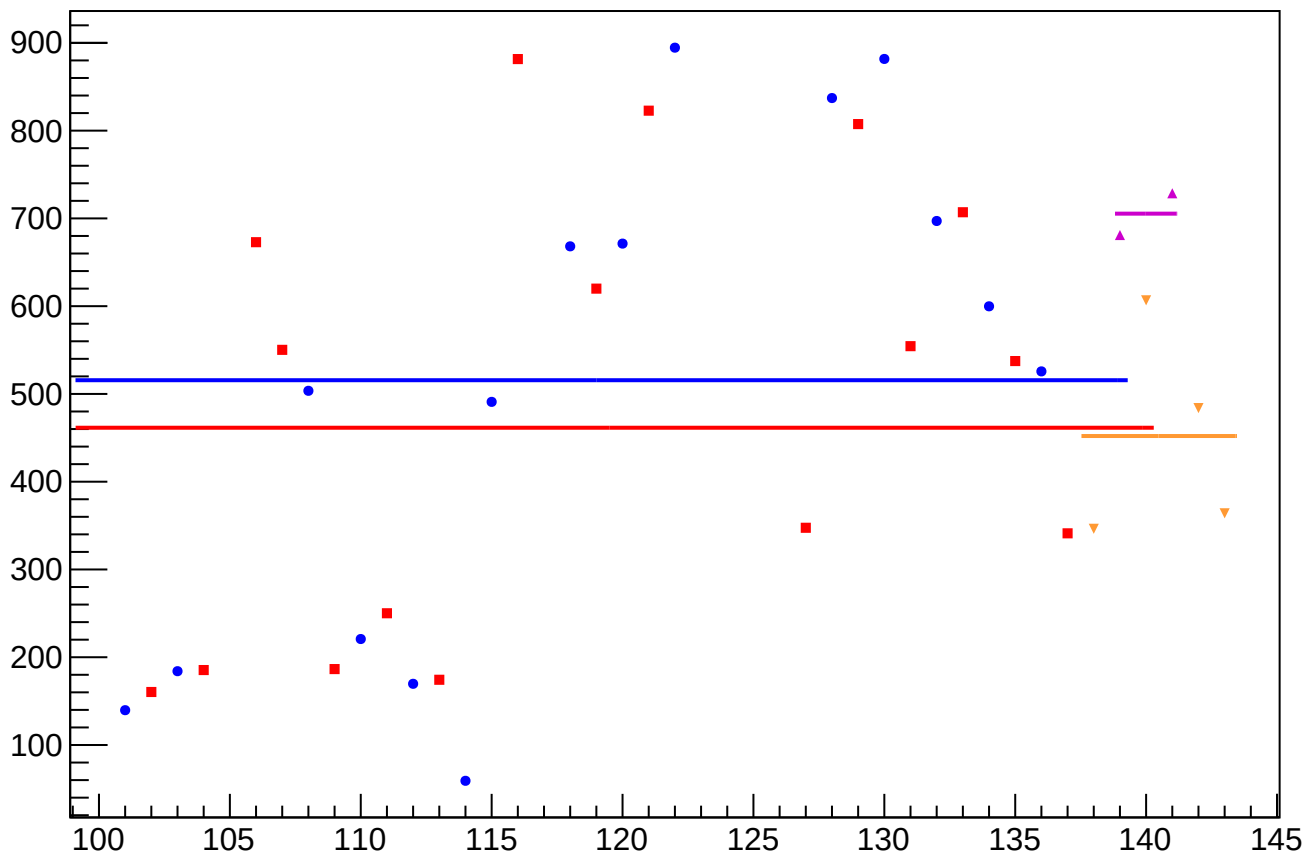
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam5_coil3_mean vs Slug



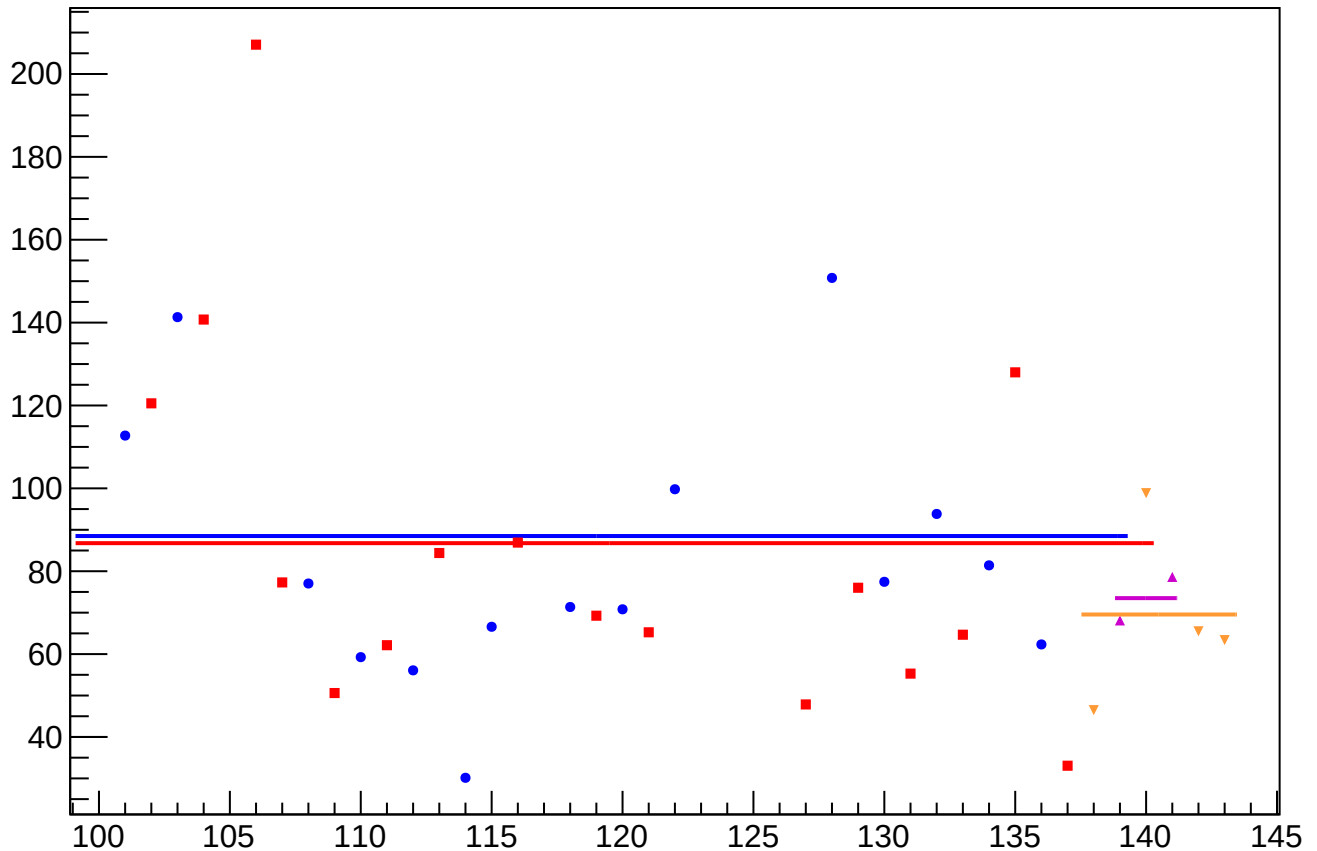
Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 452.049+/-0.000 χ^2/NDF : 3397975293787039349538044746548641792.0/3

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

Left In: 705.419+/-0.000 χ^2/NDF : 93820359641173952005361019400486912.0/1

dit_sam5_coil3_err_mean vs Slug



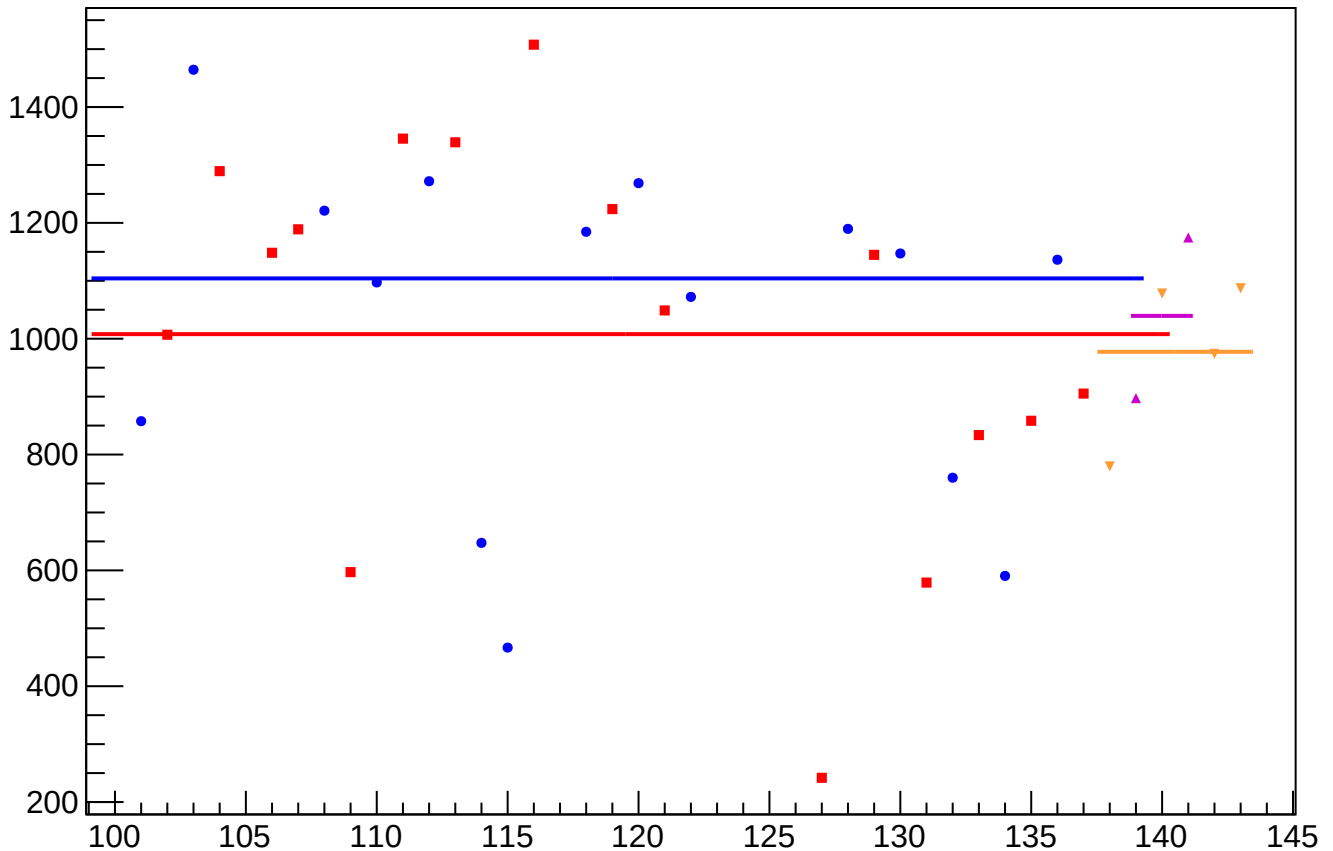
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 69.555+/-0.000 χ^2/NDF : 115186773408527898403018461973315584.0/3

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: 73.505+/-0.000 χ^2/NDF : 4574198545160944691682393639092224.0/1

dit_sam5_coil3_Ndata_mean vs Slug



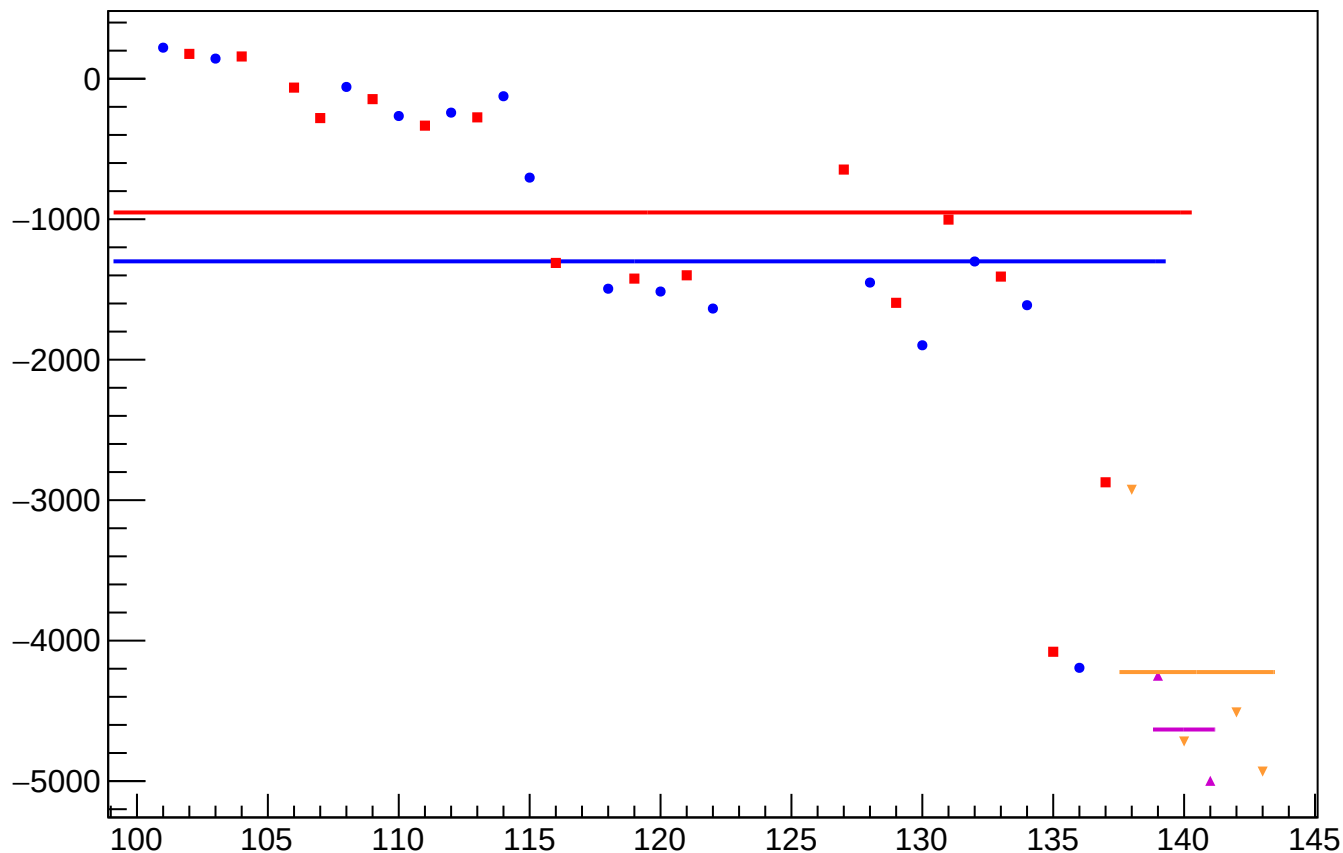
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -4223.778+/-0.000

-2165.650+/-0.000 χ^2/NDF : 303130174130912

Right Out: -951.903+/-0.000

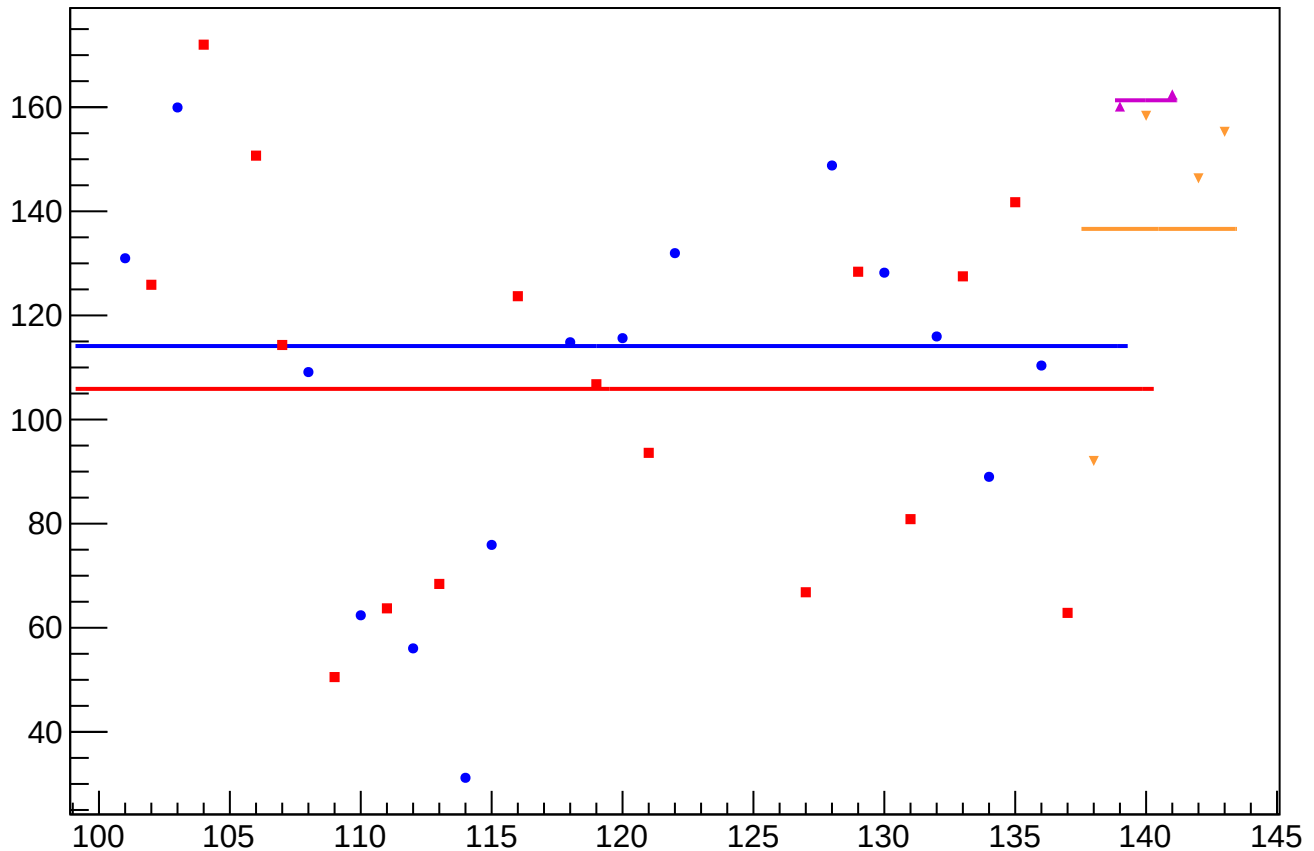
χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: -4632.740+/-0.000

-1685.419+/-0.000 χ^2/NDF : 266540318592624

χ^2/NDF : 23219875075477612909409003803013808128.0/1

dit_sam6_coil3_err_mean vs Slug



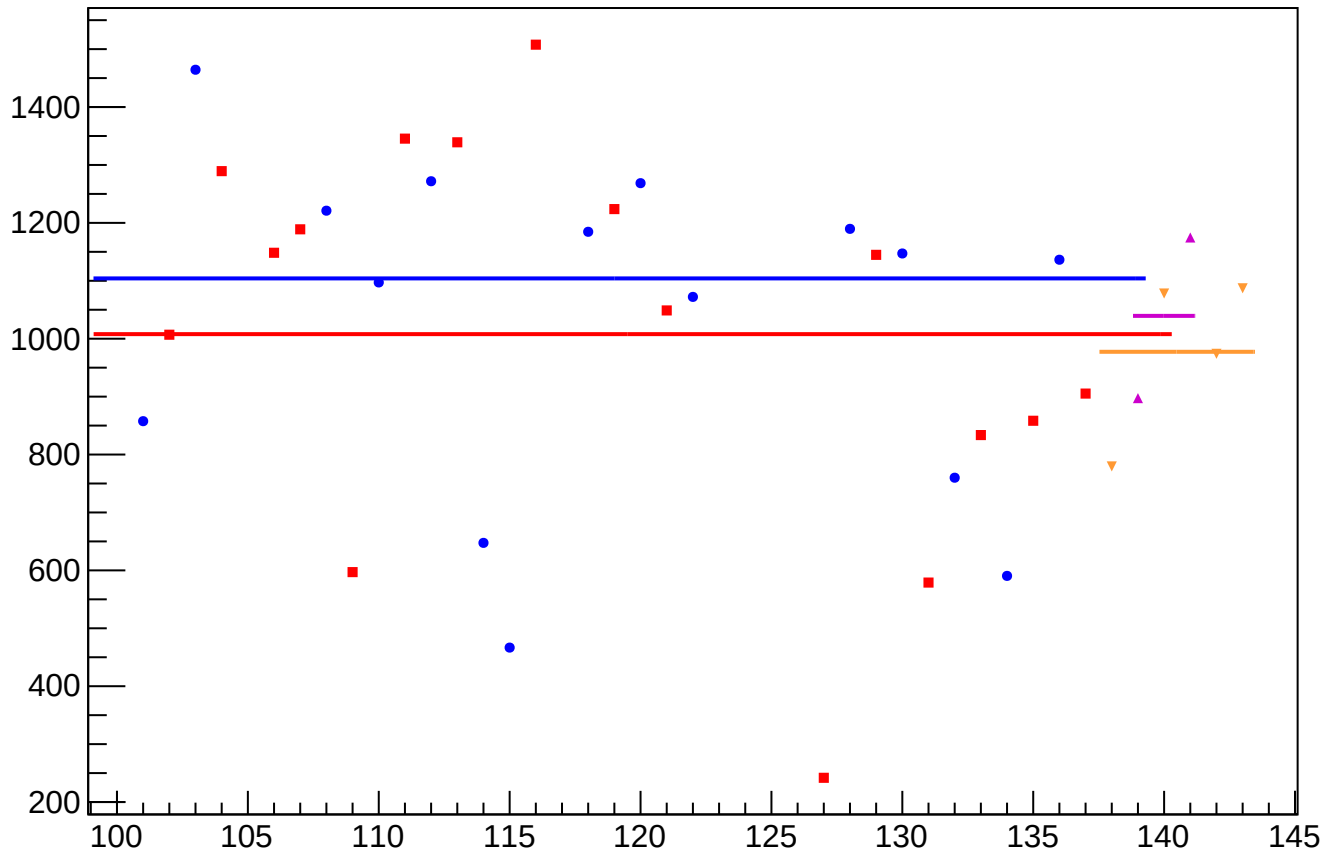
Right In: 114.118+/-0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 136.622+/-0.000 χ^2/NDF : 221354183544623190814808564457013248.0/3

Right Out: 105.890+/-0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: 161.326+/-0.000 χ^2/NDF : 226919814086645165874365102817280.0/1

dit_sam6_coil3_Ndata_mean vs Slug



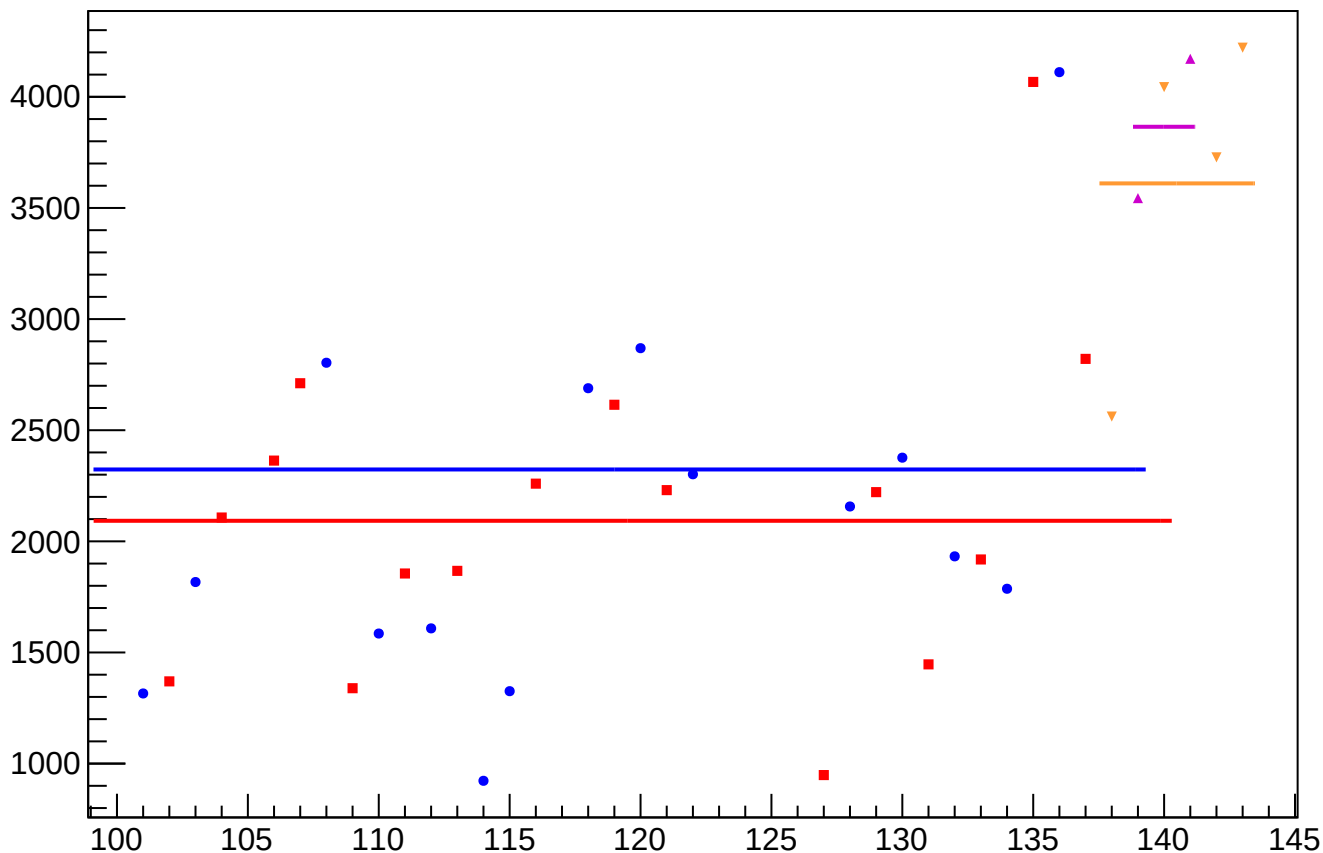
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

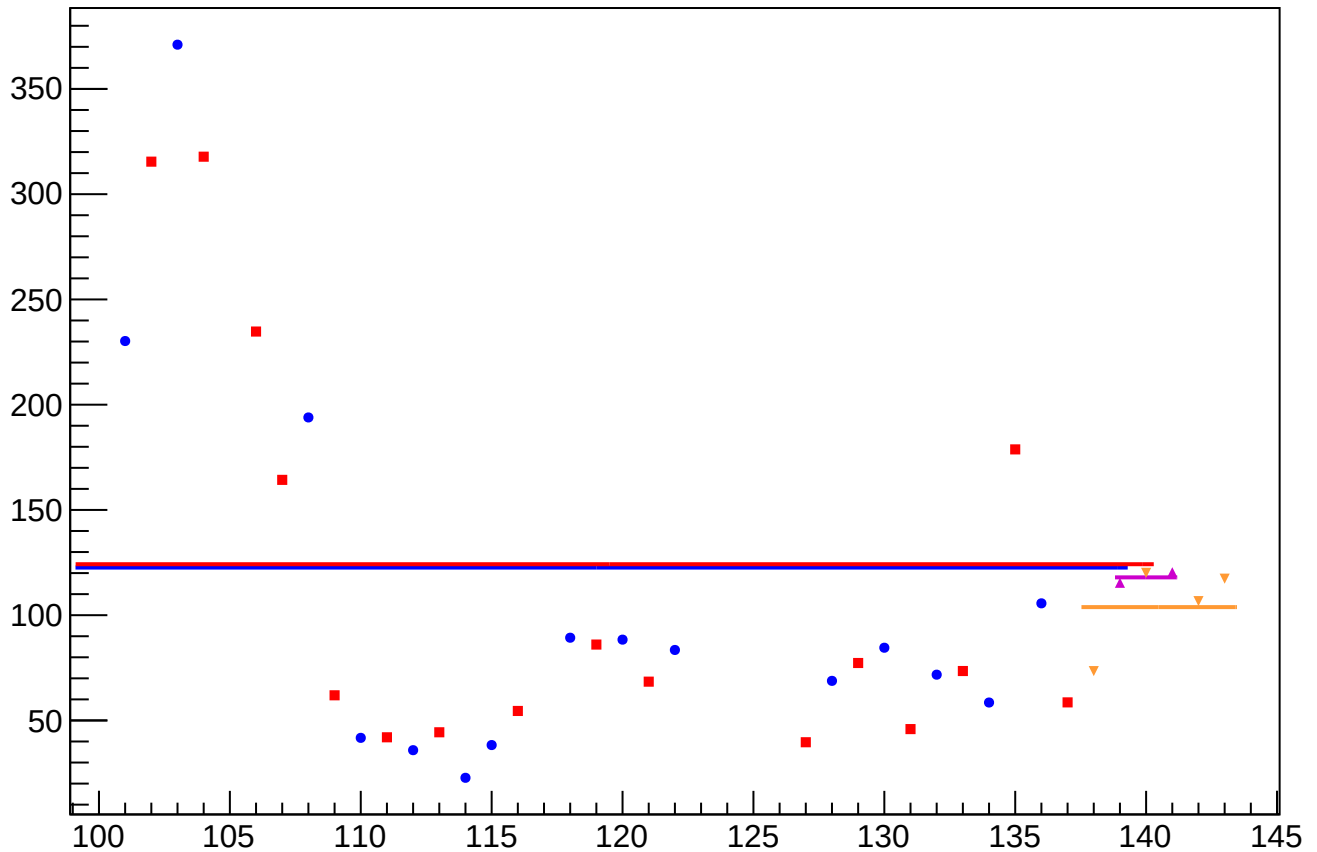
Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 3610.506+/-0.000 χ^2/NDF : 126845138517988748630939767402414473216.0/3
 Right Out: 2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: 3865.308+/-0.000 χ^2/NDF : 16300122688992711960393078589947379712.0/1

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

Left Out: 103.836+/-0.000 χ^2/NDF : 106462596996834052737987448800280576.0/3

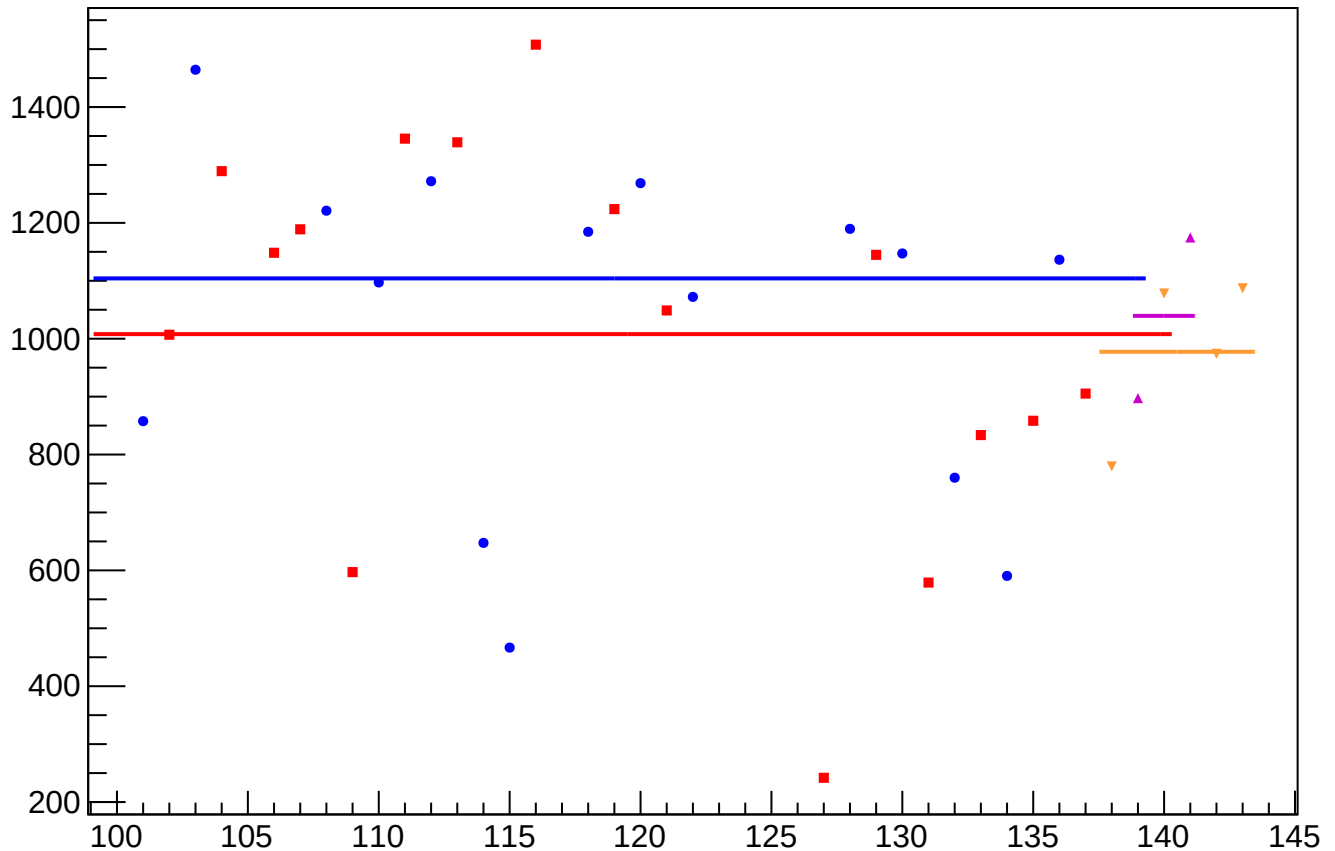
Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15

Left In: 117.965+/-0.000 χ^2/NDF : 1042531866571968466952345440223232.0/1

117.060+/-0.000 χ^2/NDF : 61117832011488184

122.971+/-0.000 χ^2/NDF : 65558645003841077

dit_sam7_coil3_Ndata_mean vs Slug



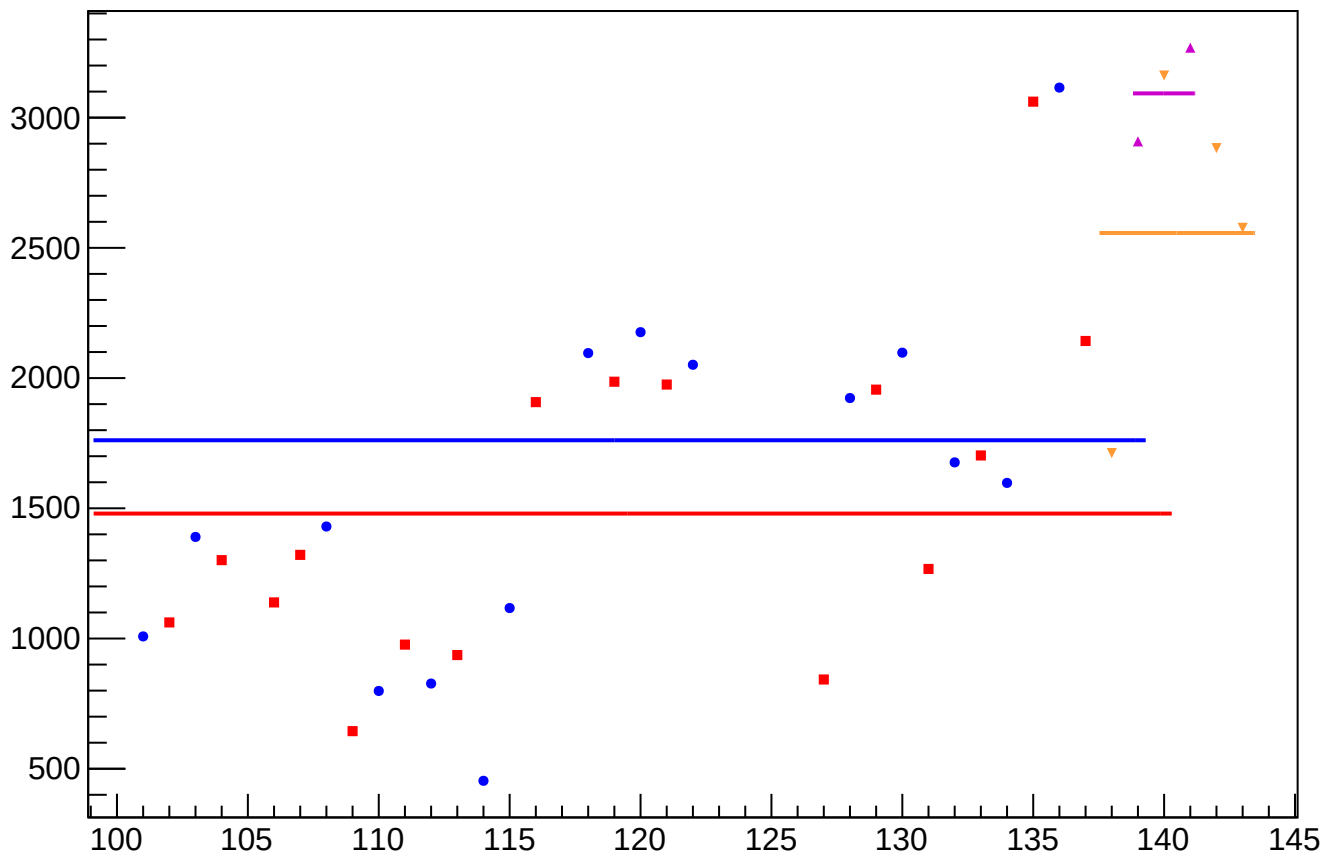
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam8_coil3_mean vs Slug



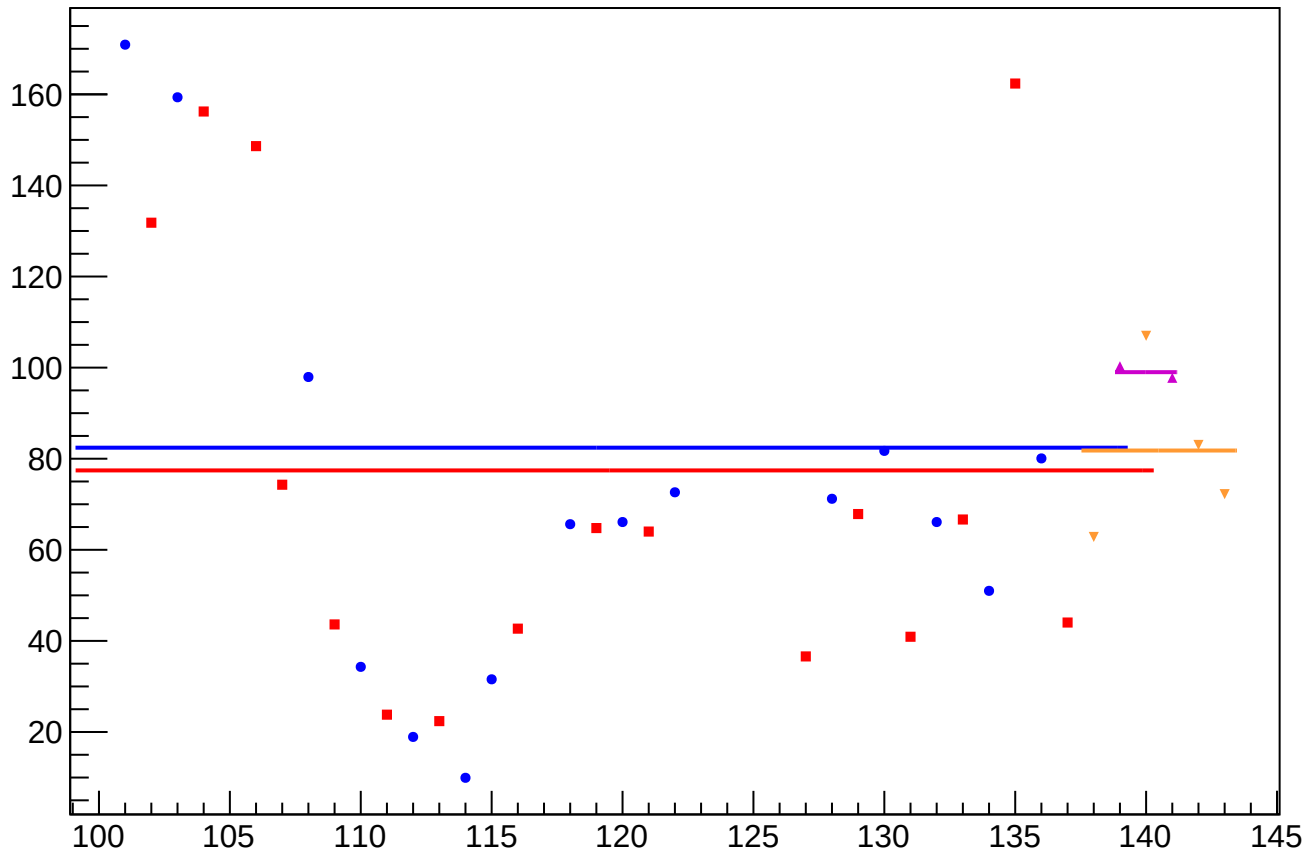
Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 2557.111+/-0.000 χ^2/NDF : 90590060702502110401537657888481214464.0/3

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

Left In: 3093.086+/-0.000 χ^2/NDF : 5368587643591467454354739894104883200.0/1

dit_sam8_coil3_err_mean vs Slug



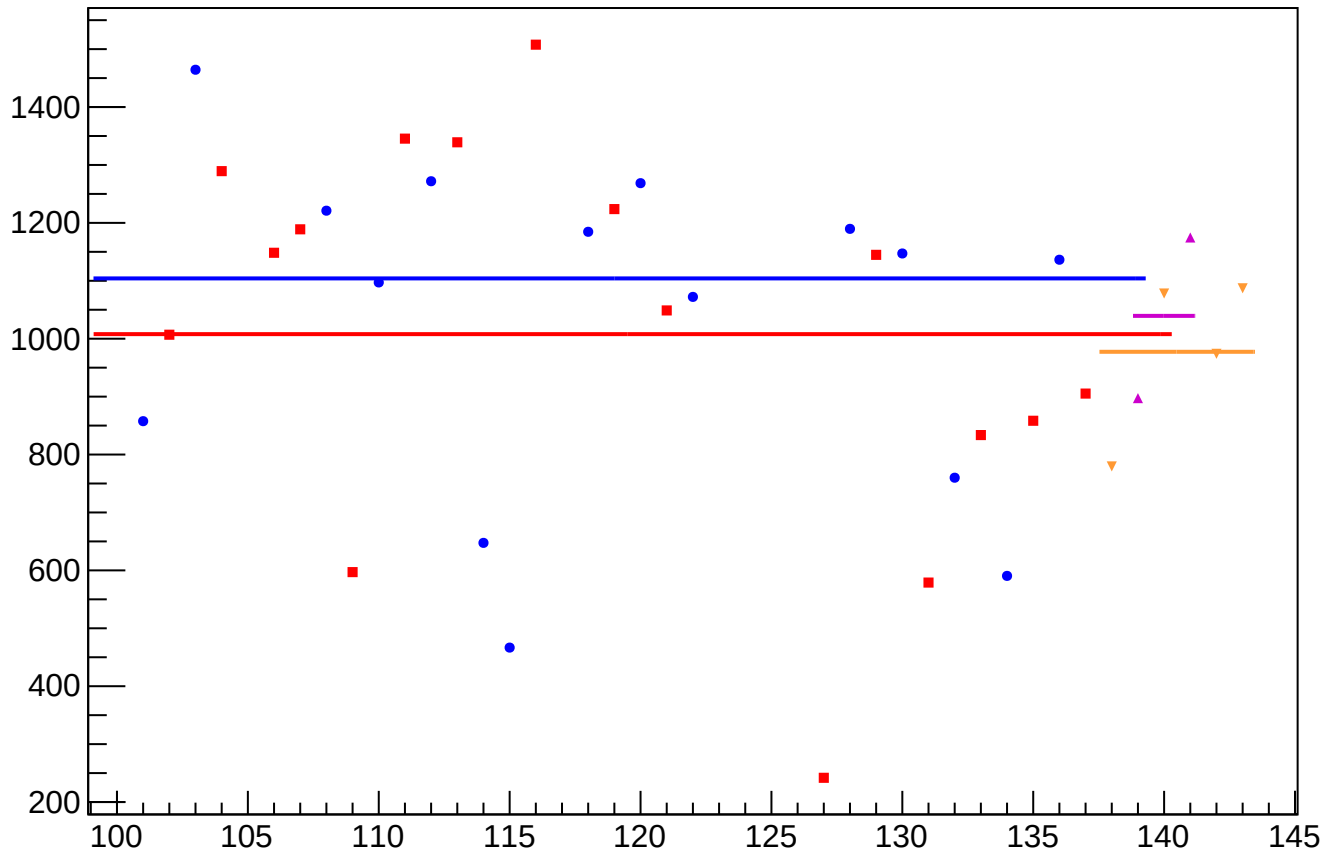
Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 81.798+/-0.000 χ^2/NDF : 86317085676814796284419564283887616.0/3

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

Left In: 99.003+/-0.000 χ^2/NDF : 265642768921621432337008464756736.0/1

dit_sam8_coil3_Ndata_mean vs Slug



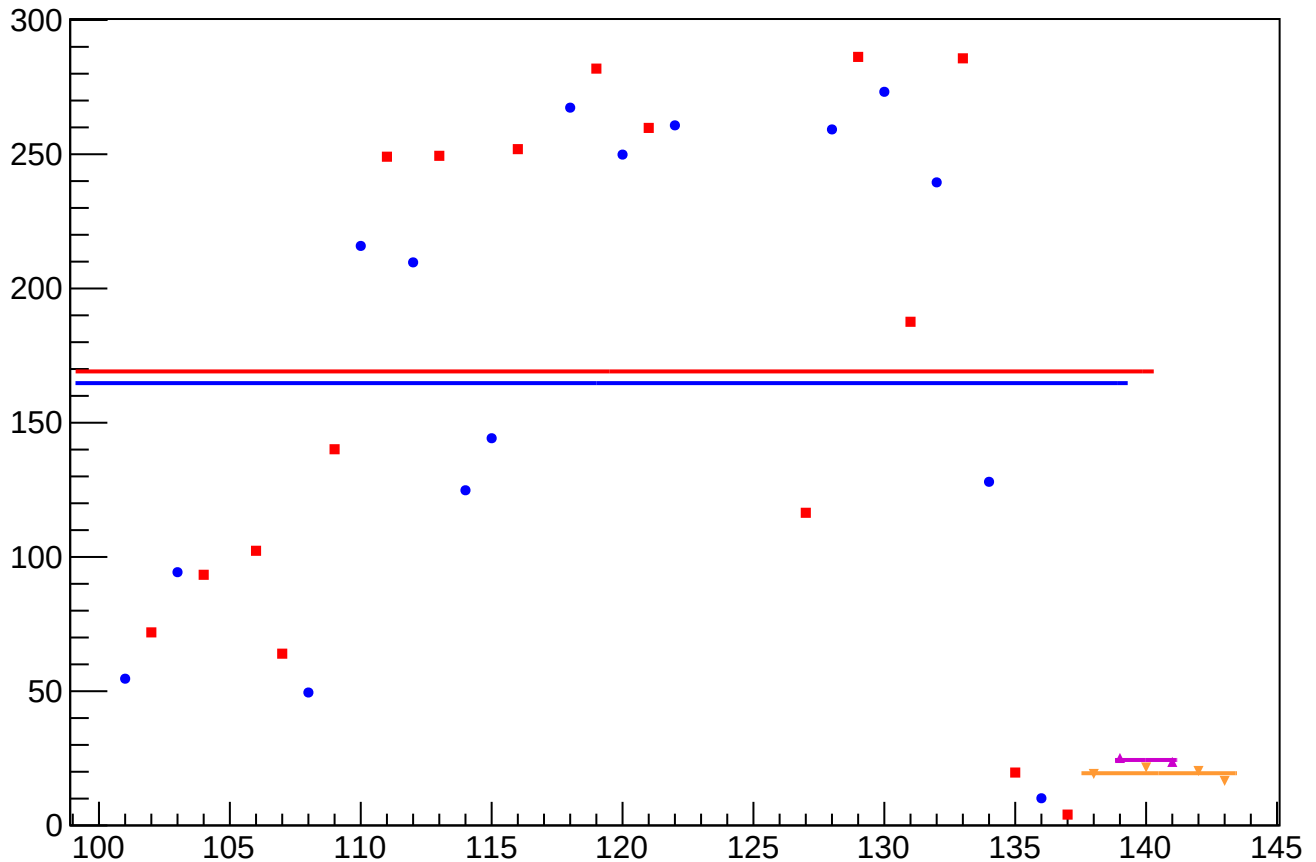
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410 +/- 0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1039.434 +/- 0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4aX_coil7_mean vs Slug



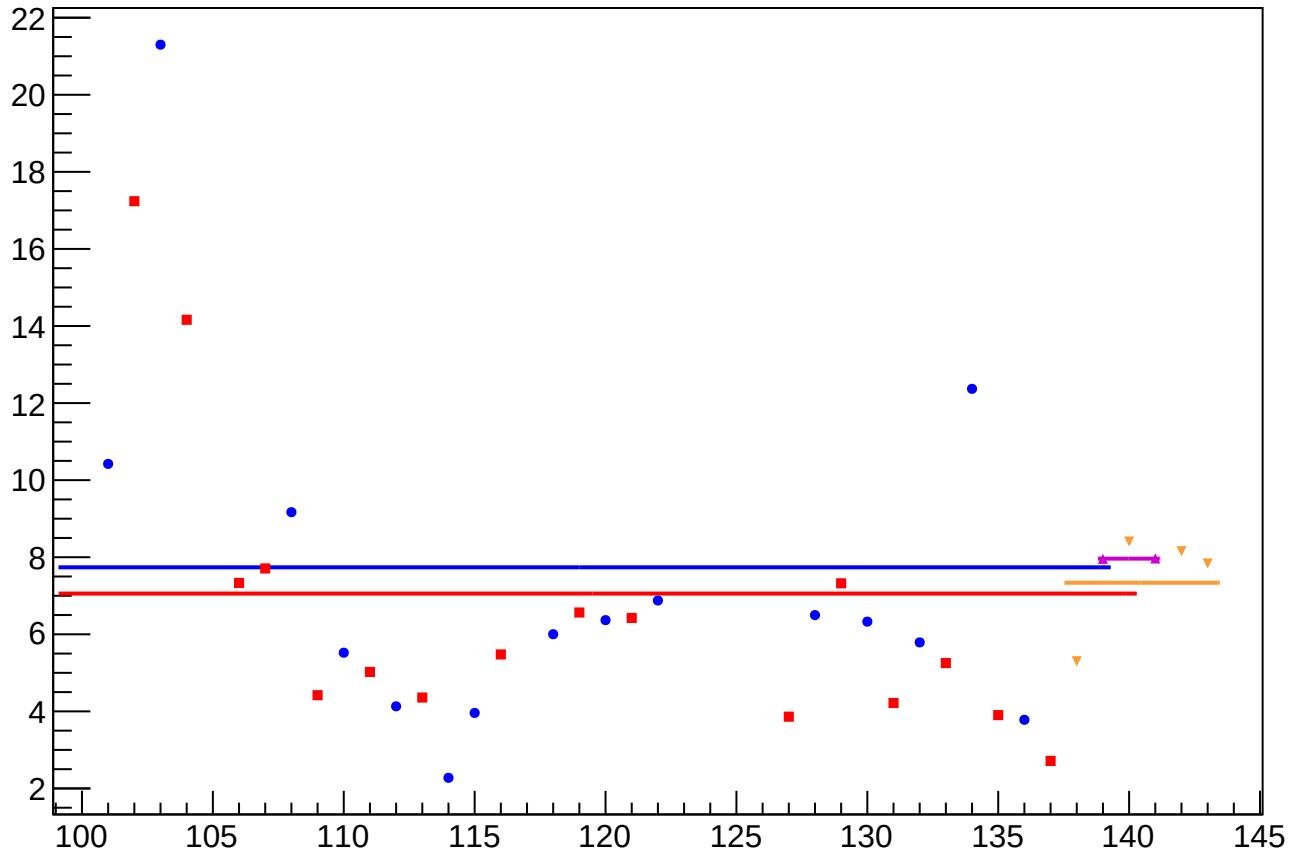
Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 19.455+/-0.000 χ^2/NDF : 961630299433770965318624788611072.0/3

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 24.389+/-0.000 χ^2/NDF : 88940615766060848999778884780032.0/1

dit_4aX_coil7_err_mean vs Slug



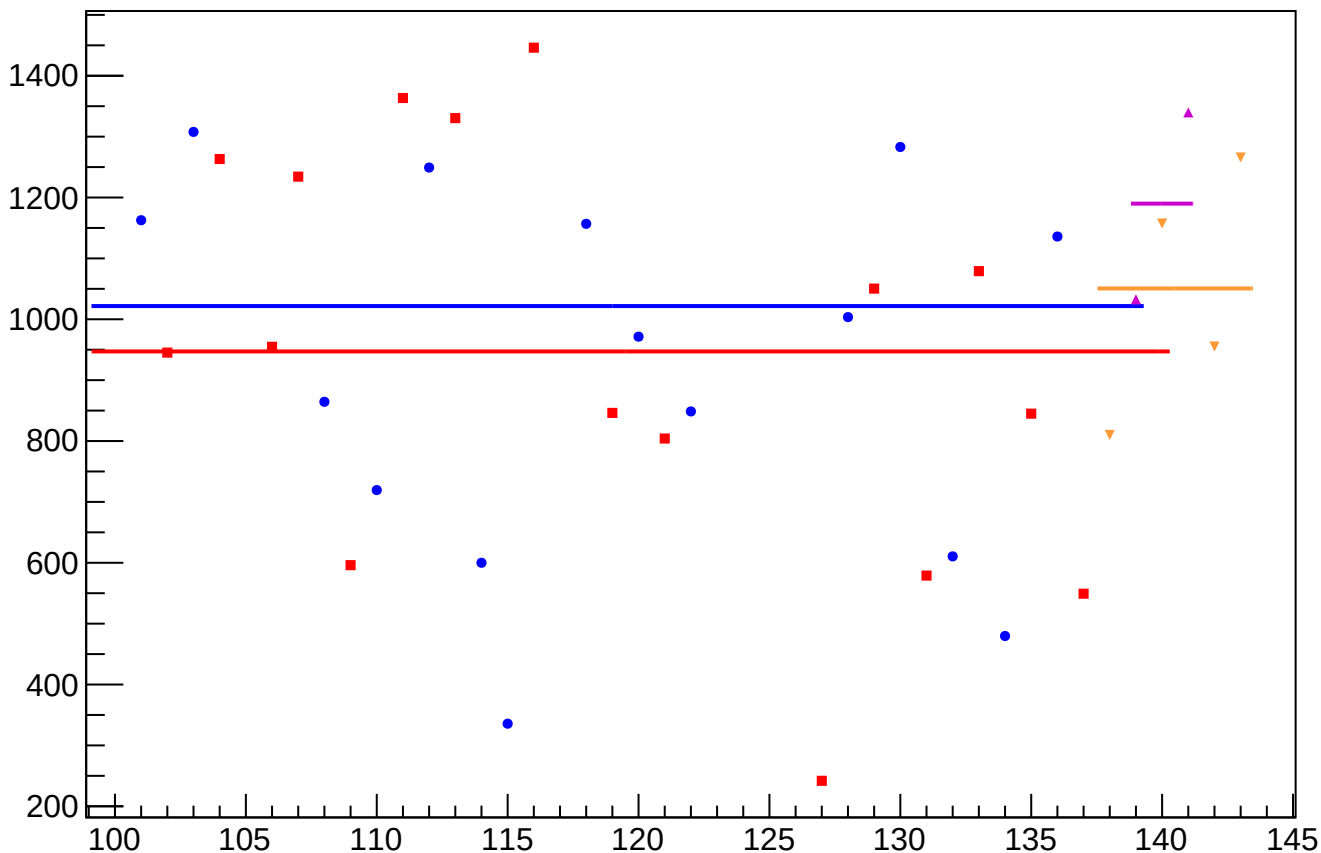
Right In: 7.738+/-0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 7.338+/-0.000 χ^2/NDF : 465164601601594768345580716425216.0/3

Right Out: 7.057+/-0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15

Left In: 7.964+/-0.000 χ^2/NDF : 3977605762811539114870964224.0/1

dit_4aX_coil7_Ndata_mean vs Slug



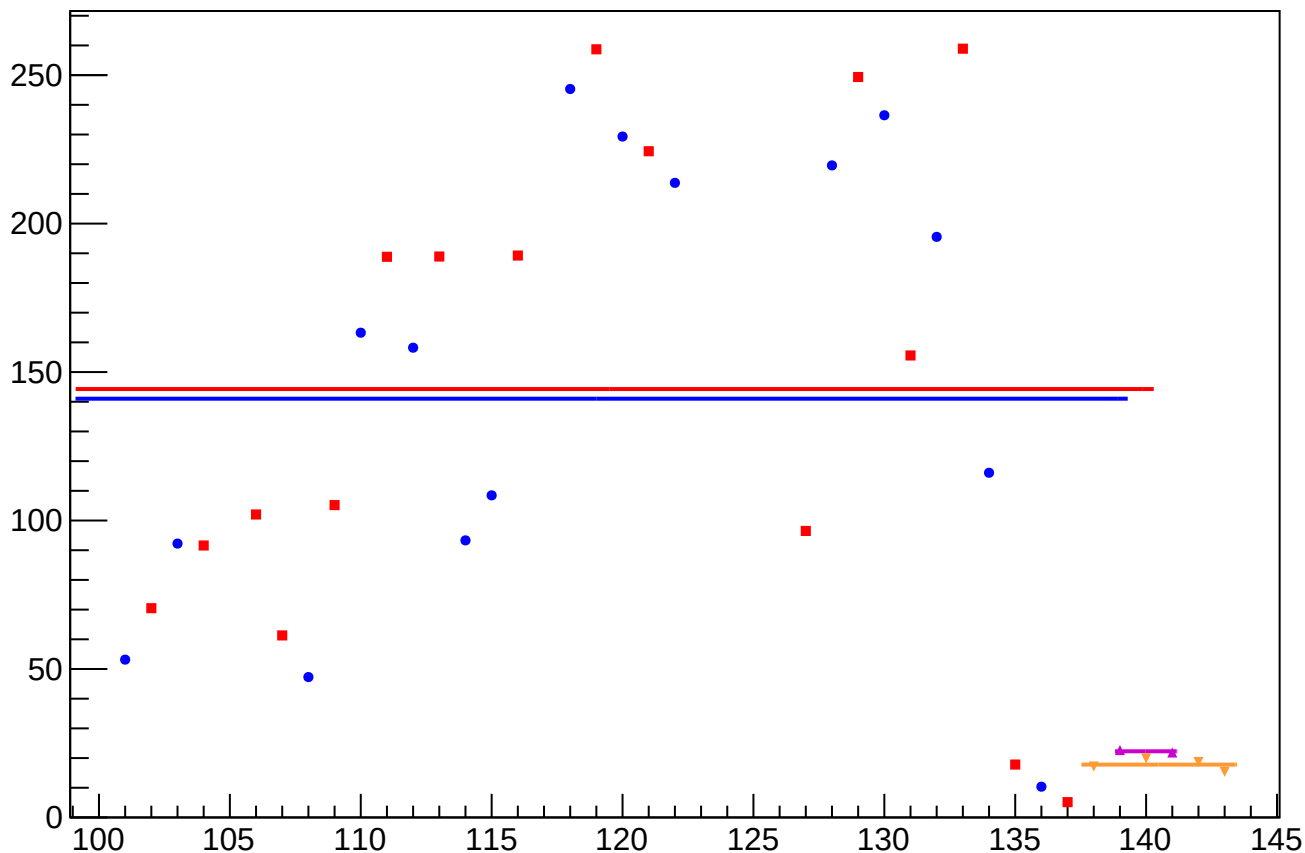
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4eX_coil7_mean vs Slug



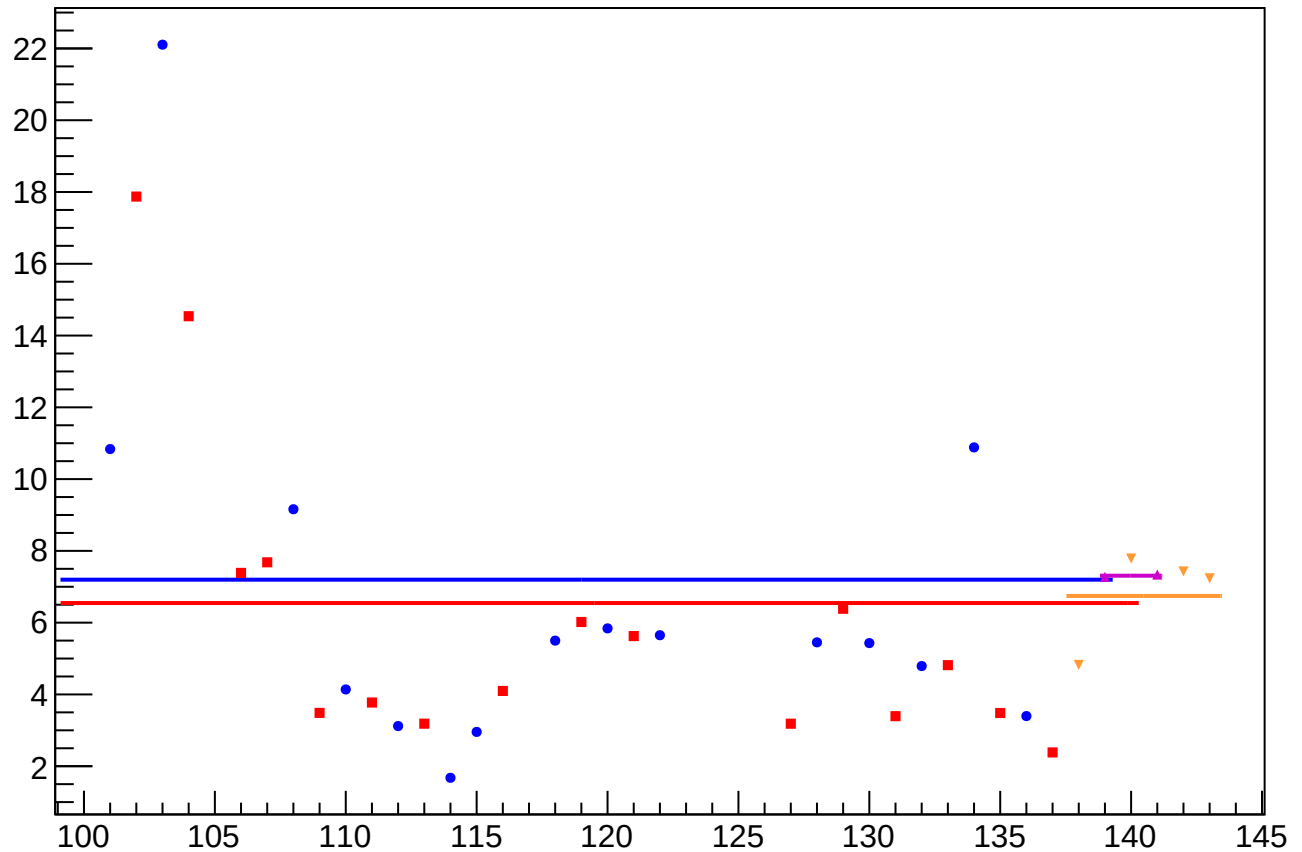
Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14

Left Out: 17.795+/-0.000 χ^2/NDF : 817887565570467001099105876312064.0/3

Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15

Left In: 22.283+/-0.000 χ^2/NDF : 27847549805258571276458930470912.0/1

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 6.744+/-0.000 χ^2/NDF : 414824267978249148386380672401408.0/3

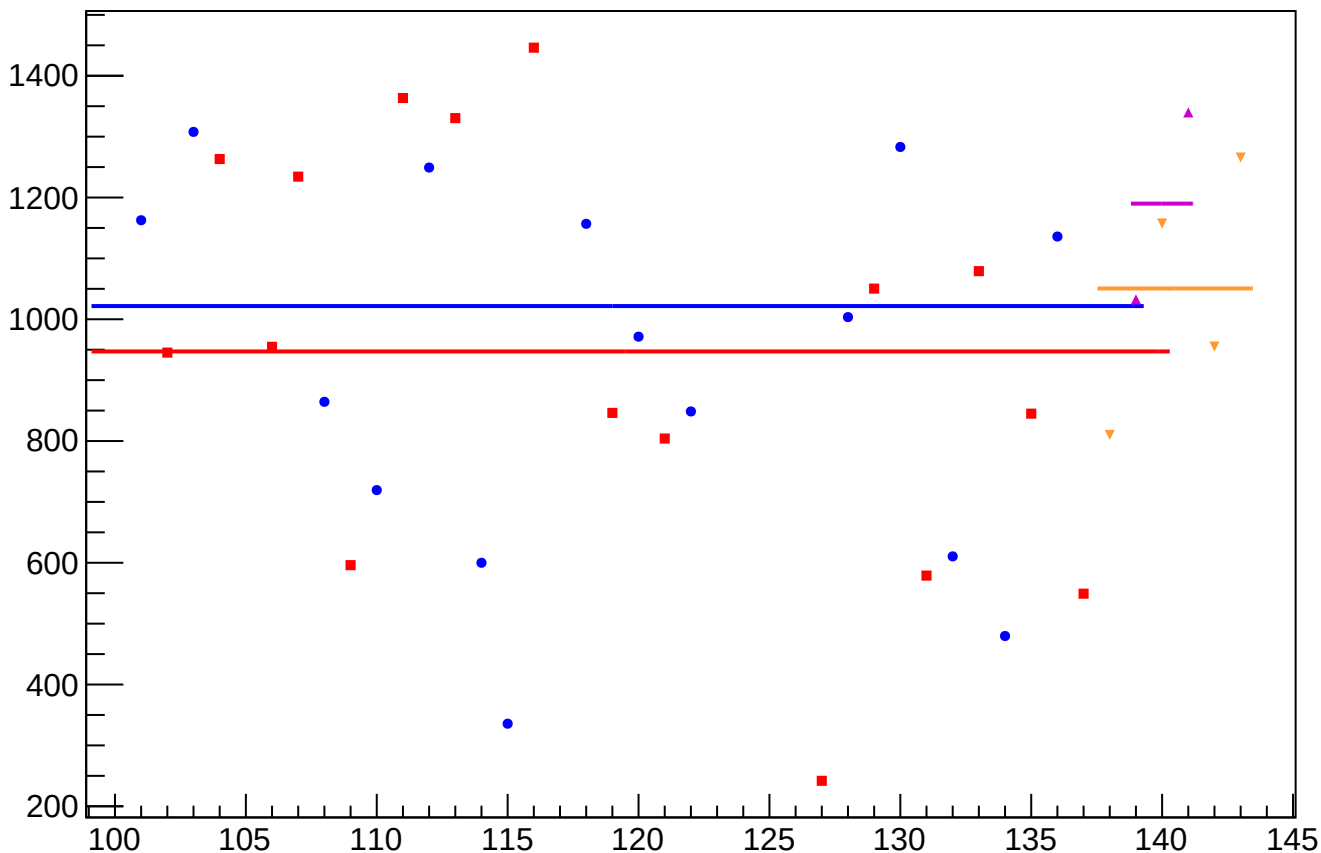
Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 7.309+/-0.000 χ^2/NDF : 173103912856720480946987466752.0/1

7.063+/-0.000 χ^2/NDF : 1866701330568405490

6.698+/-0.000 χ^2/NDF : 1415629670430596838

dit_4eX_coil7_Ndata_mean vs Slug



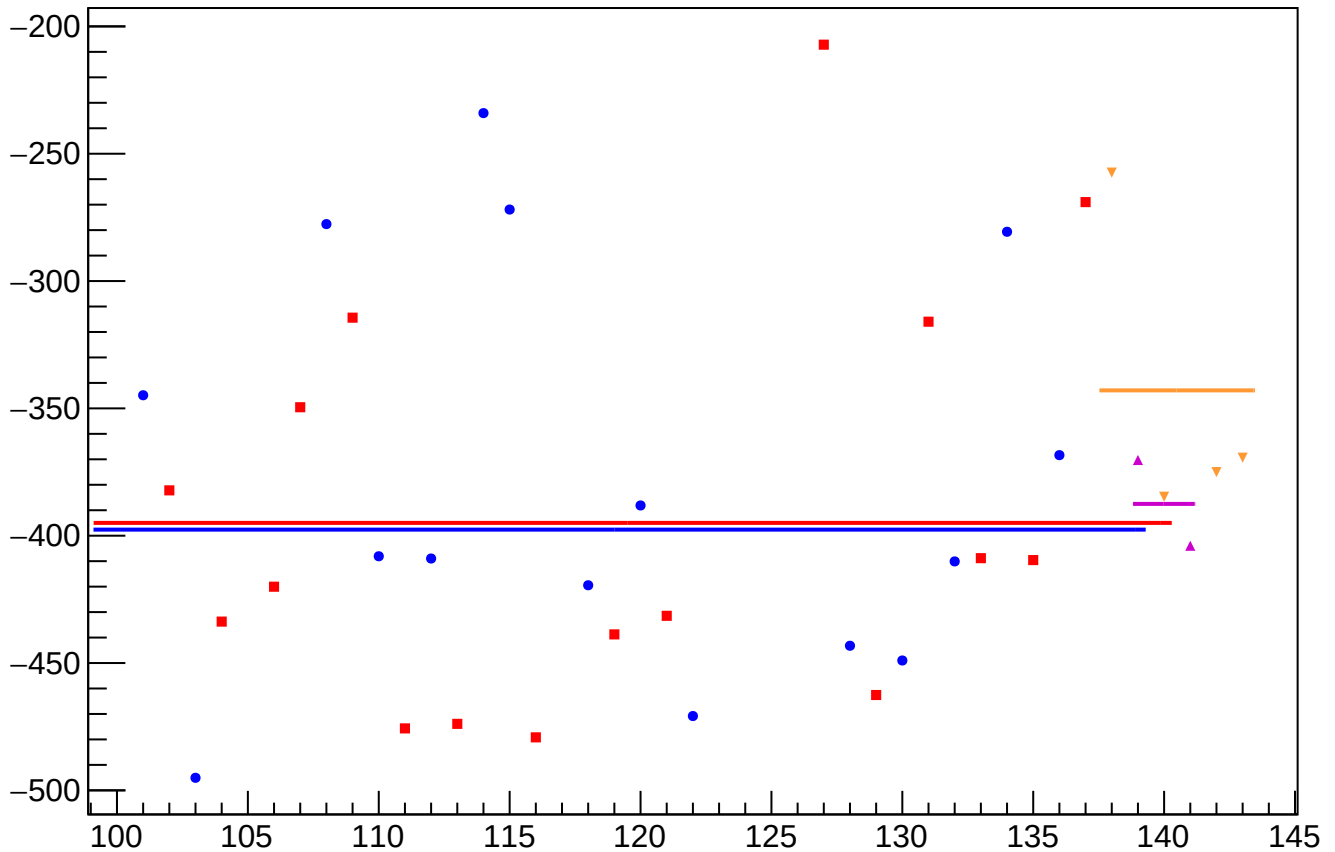
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_11X12X_coil7_mean vs Slug



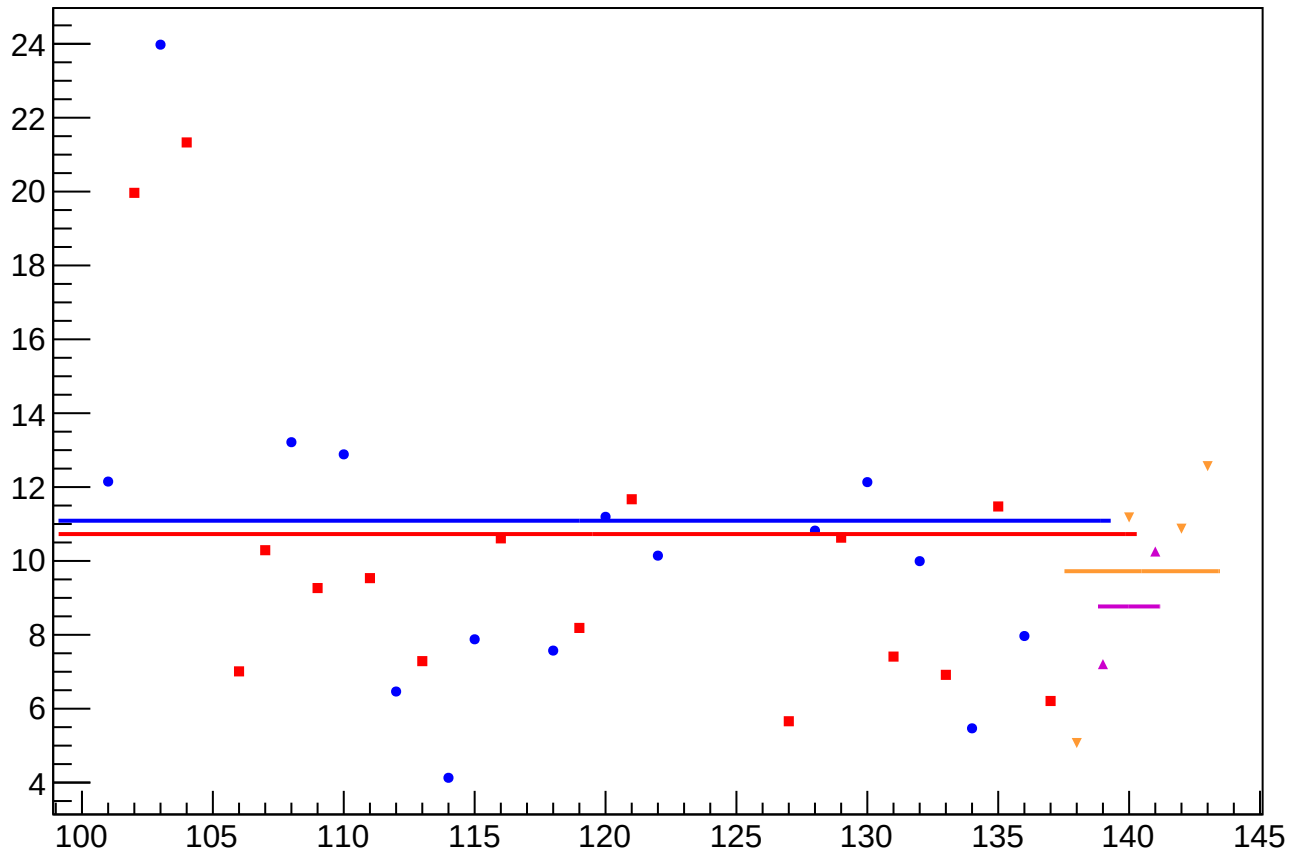
Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -342.932+/-0.000 χ^2/NDF : 807653524791121182675662875435991040.0/3

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: -387.511+/-0.000 χ^2/NDF : 47026839814277452630679731352633344.0/1

dit_11X12X_coil7_err_mean vs Slug



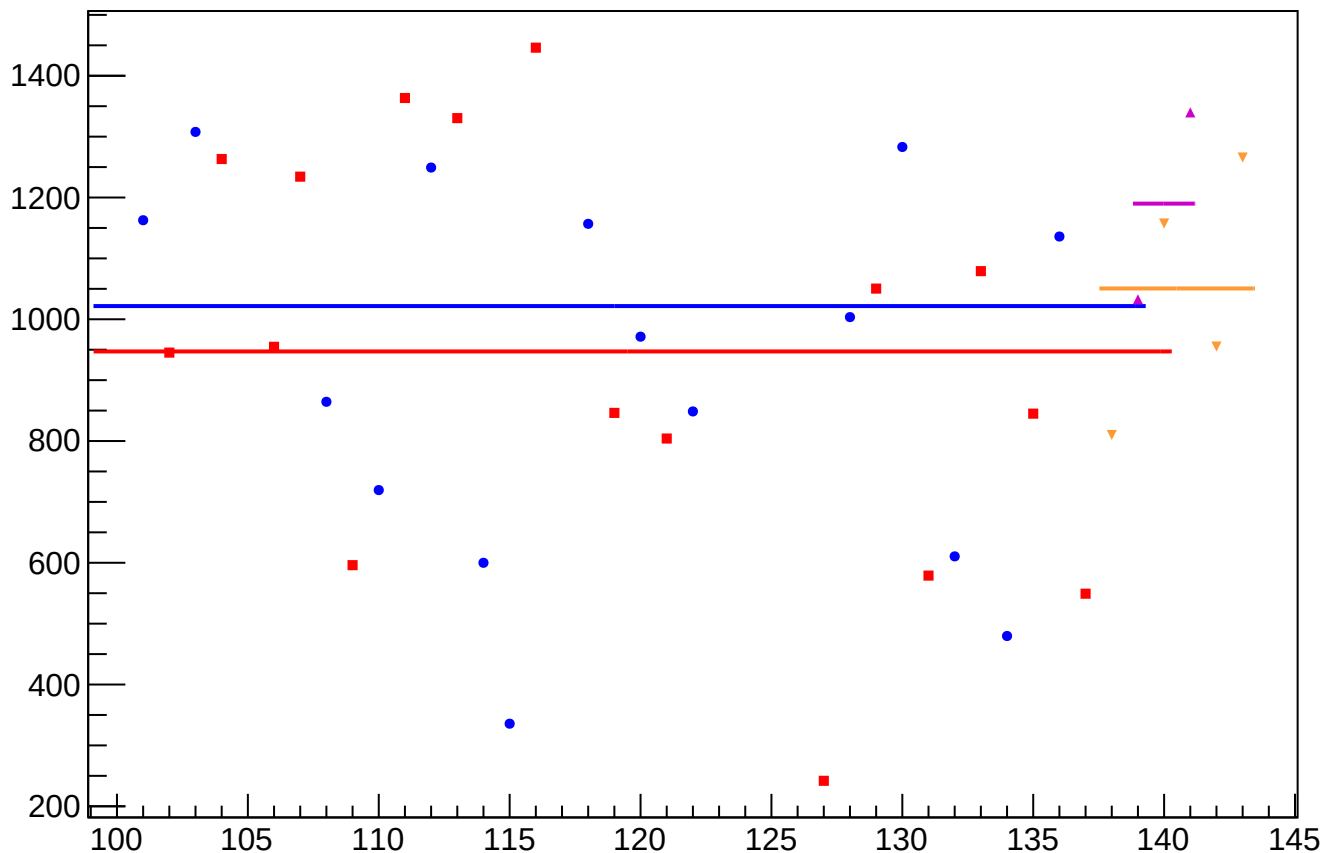
Right In: 11.089+/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 9.722+/-0.000 χ^2/NDF : 2464407336119684972014055192526848.0/3

Right Out: 10.728+/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

Left In: 8.768+/-0.000 χ^2/NDF : 385618169277835585014650118340608.0/1

dit_11X12X_coil7_Ndata_mean vs Slug



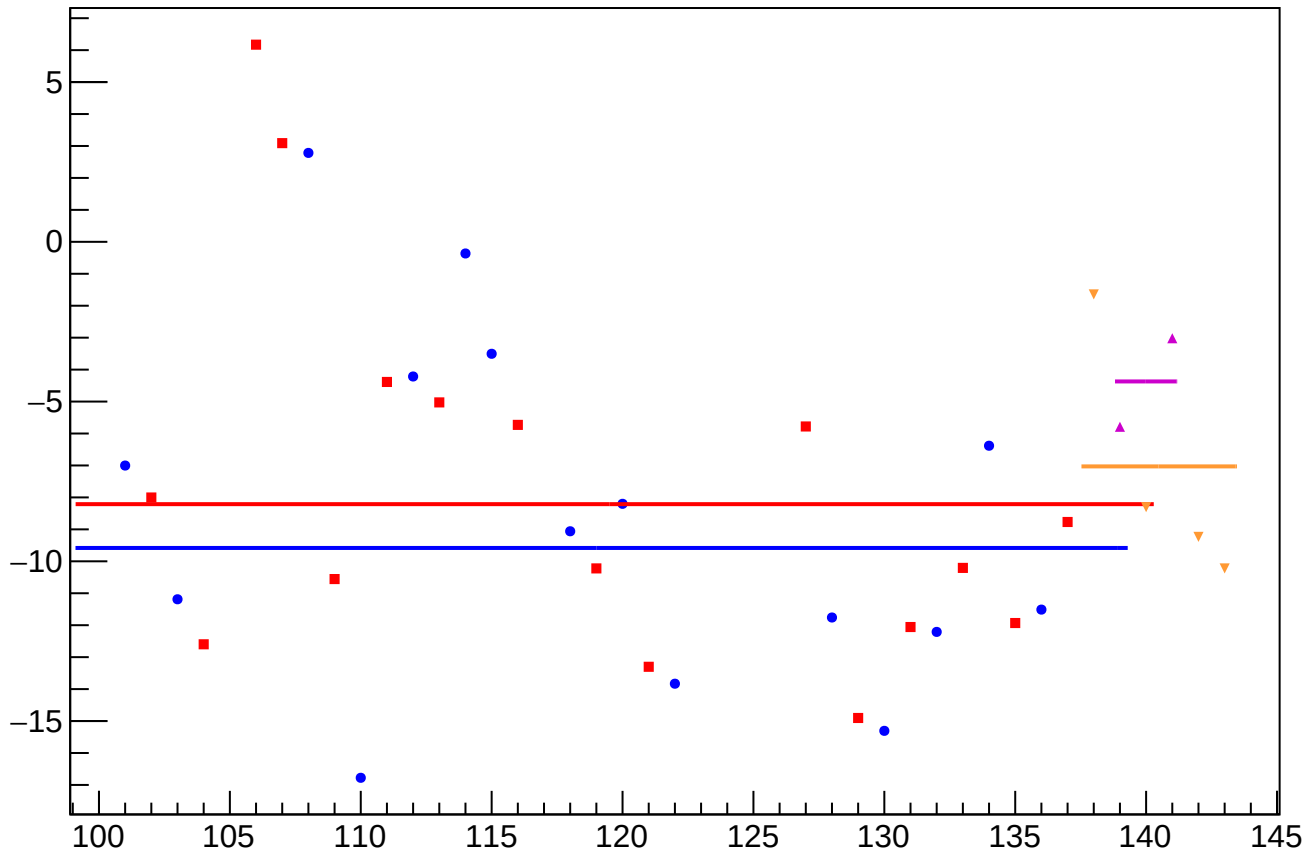
Right In: 1021.684 $\pm$ 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 $\pm$ 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976 $\pm$ 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4aY_coil7_mean vs Slug



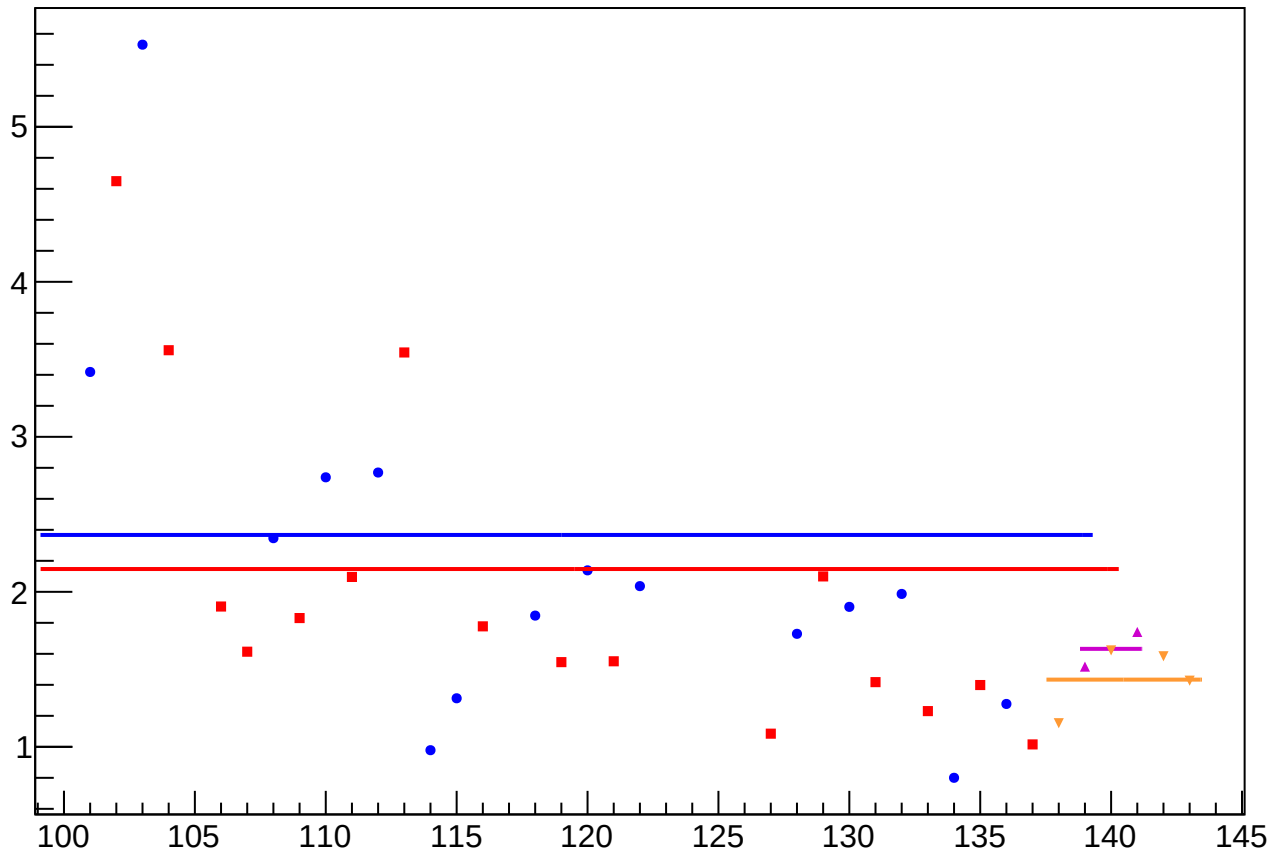
Right In: -9.582+/-0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -7.030+/-0.000 χ^2/NDF : 3300890255682655116184434618925056.0/3

Right Out: -8.211+/-0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15

Left In: -4.370+/-0.000 χ^2/NDF : 318431401943094351103106138243072.0/1

dit_4aY_coil7_err_mean vs Slug



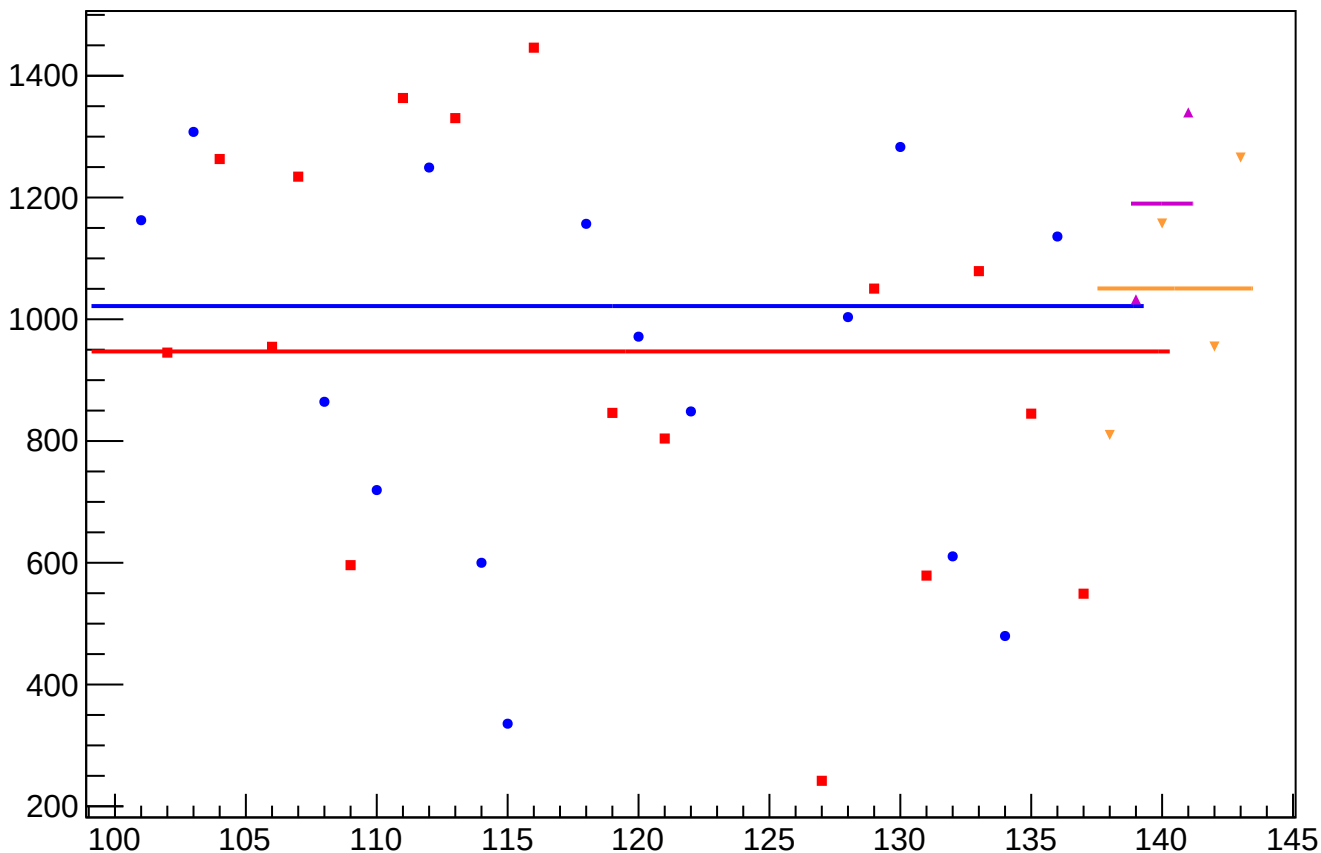
Right In: 2.367 ± 0.000 χ^2/NDF : 920633294546152876922066767446016.0/14

Left Out: 1.434 ± 0.000 χ^2/NDF : 10134321479309911964547507290112.0/3

Right Out: 2.147 ± 0.000 χ^2/NDF : 764171992480224478656127555338240.0/15

Left In: 1.632 ± 0.000 χ^2/NDF : 2075375480189142053160052850688.0/1

dit_4aY_coil7_Ndata_mean vs Slug



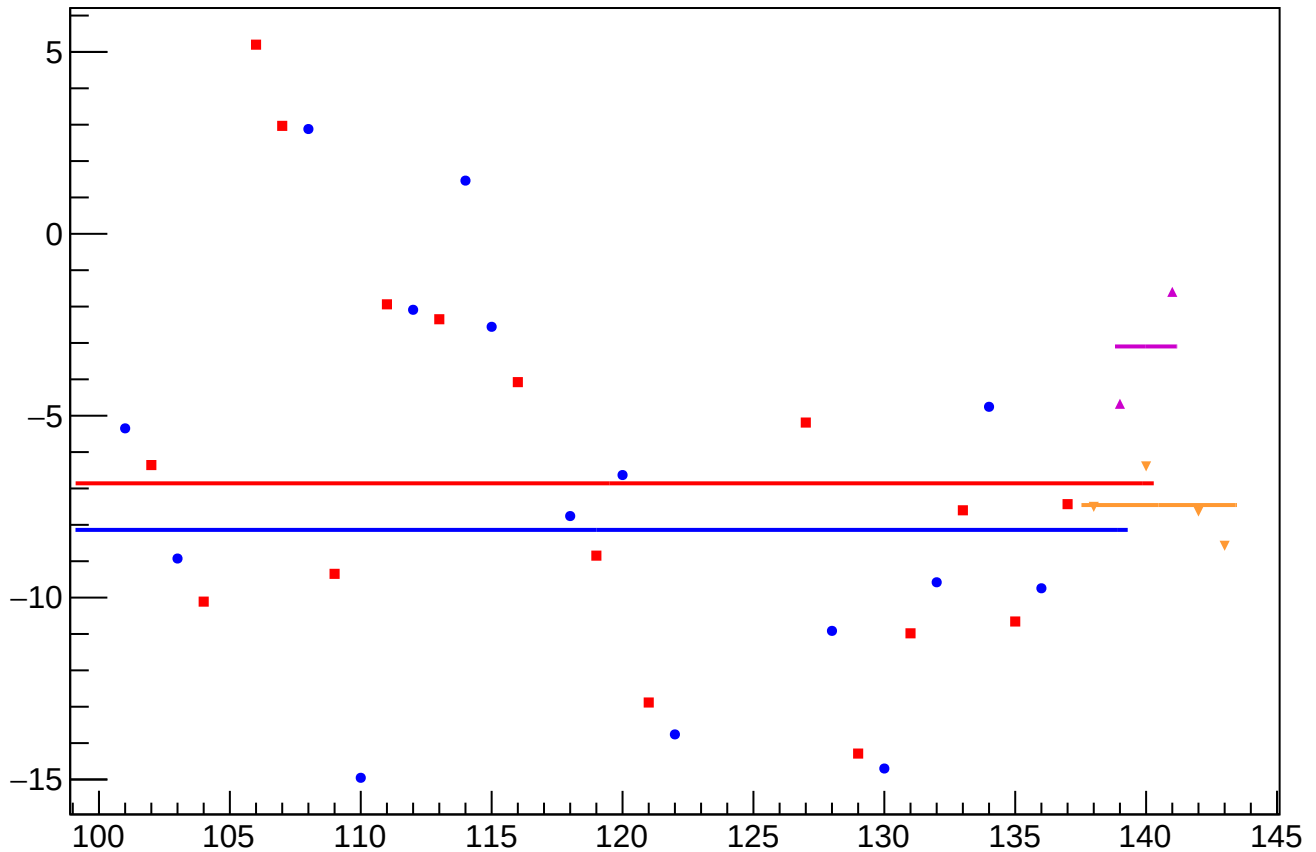
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4eY_coil7_mean vs Slug



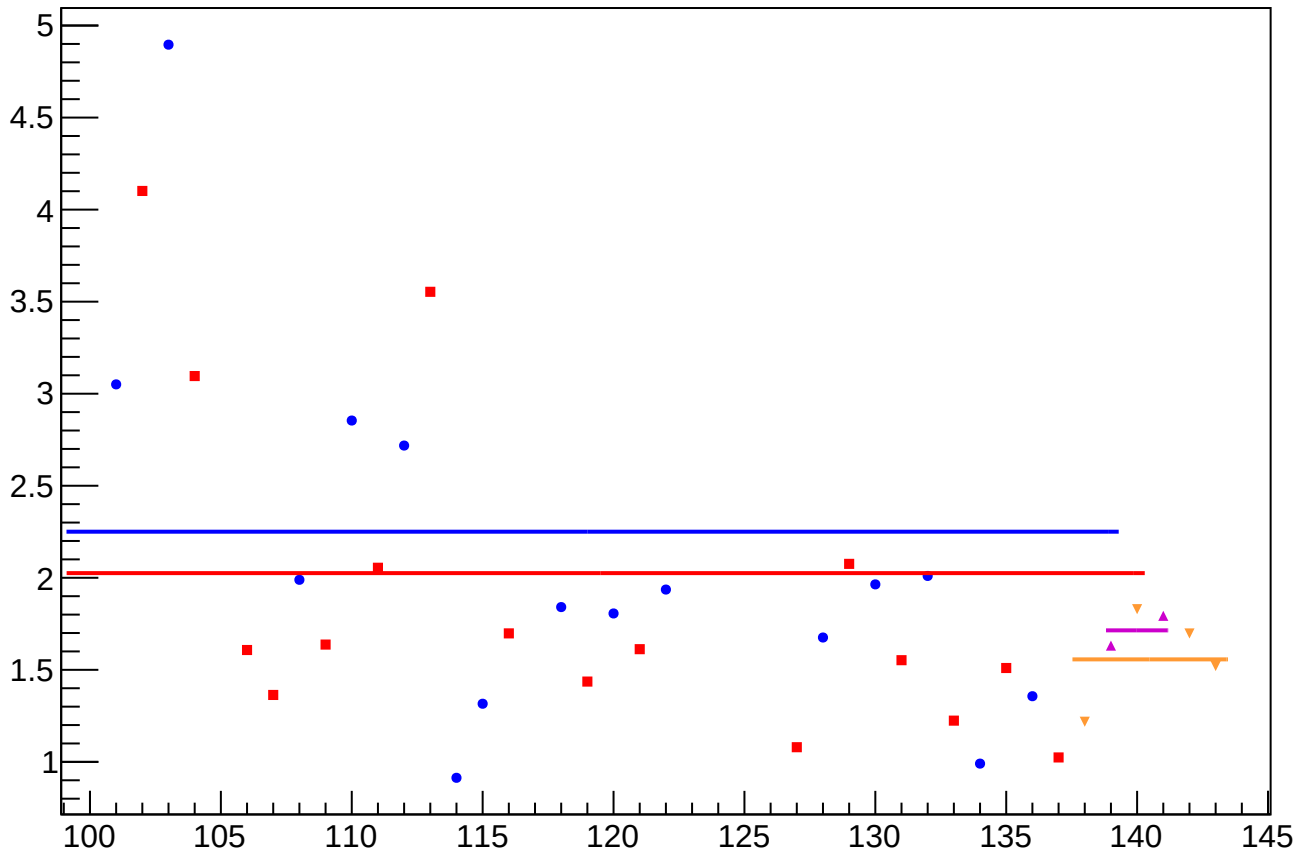
Right In: -8.139 ± 0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -7.456 ± 0.000 χ^2/NDF : 178236623379464889525930012180480.0/3

Right Out: -6.859 ± 0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

Left In: -3.096 ± 0.000 χ^2/NDF : 392633381897861805933779792953344.0/1

dit_4eY_coil7_err_mean vs Slug



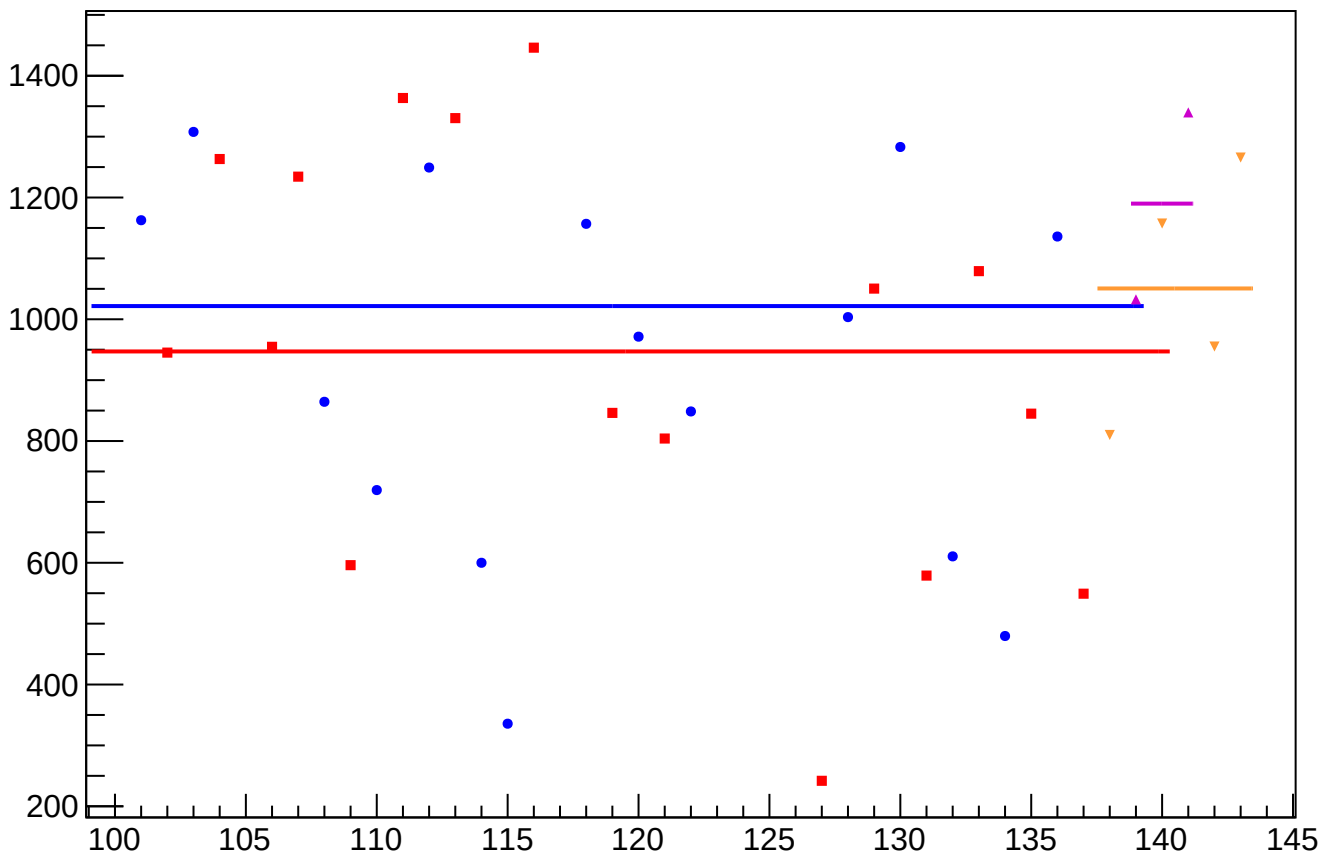
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.557+/-0.000 χ^2/NDF : 16047448936870534437773586202624.0/3

Right Out: 2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

Left In: 1.714+/-0.000 χ^2/NDF : 1086968157256767957289911975936.0/1

dit_4eY_coil7_Ndata_mean vs Slug



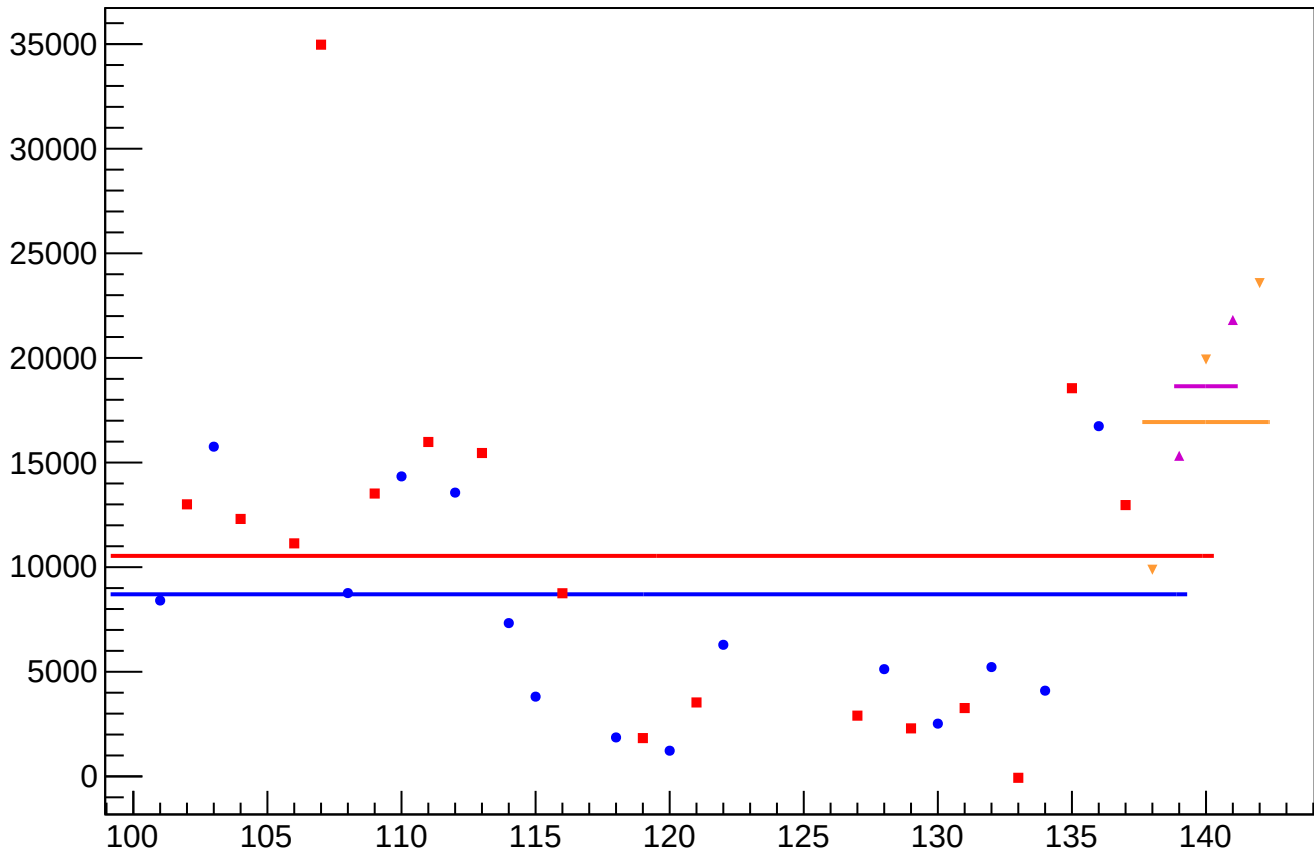
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_usl_coil7_mean vs Slug



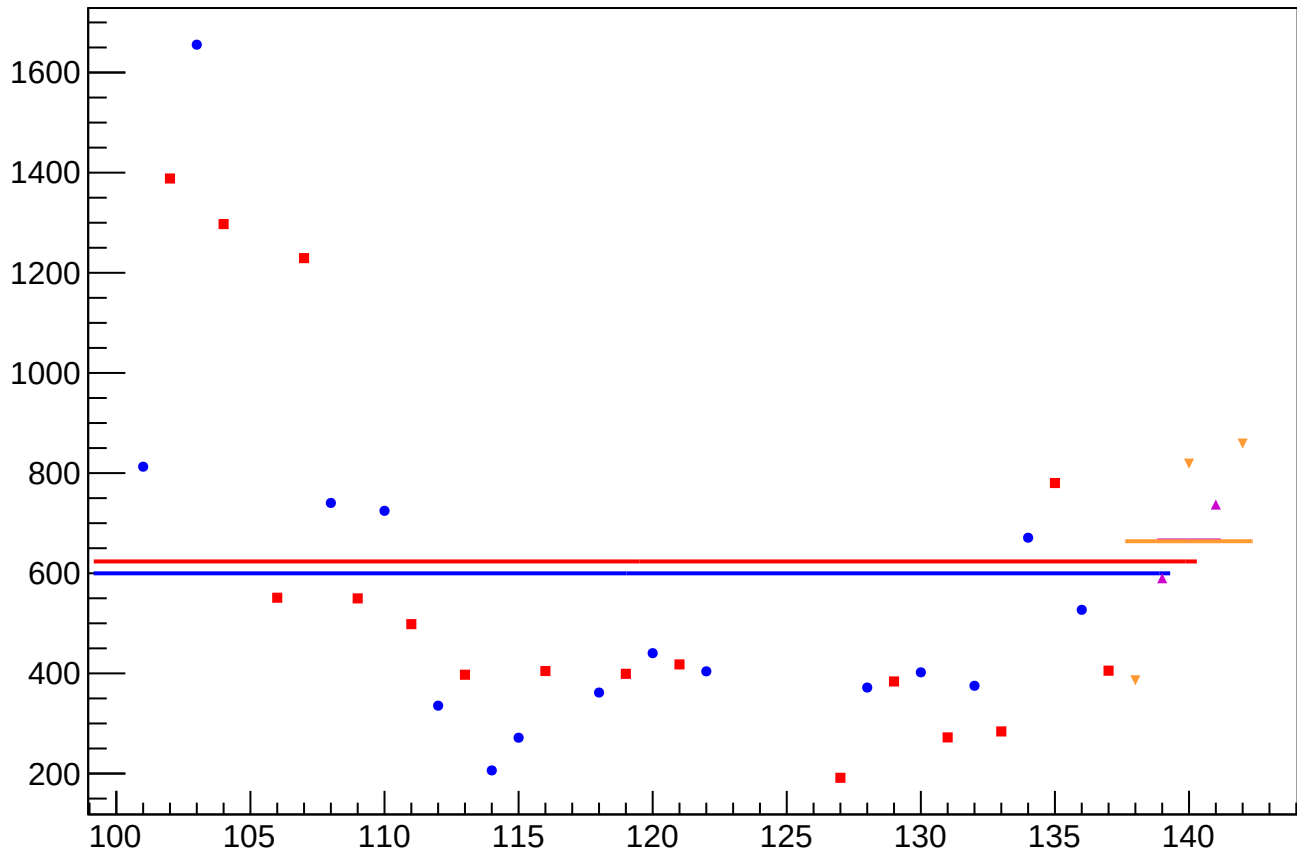
Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14

Left Out: 16936.177+/-0.000 χ^2/NDF : 6646710921788244129422426256816969089024.0/2

Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15

Left In: 18647.281+/-0.000 χ^2/NDF : 1747286001193469686188213060397099384832.0/1

dit_usl_coil7_err_mean vs Slug



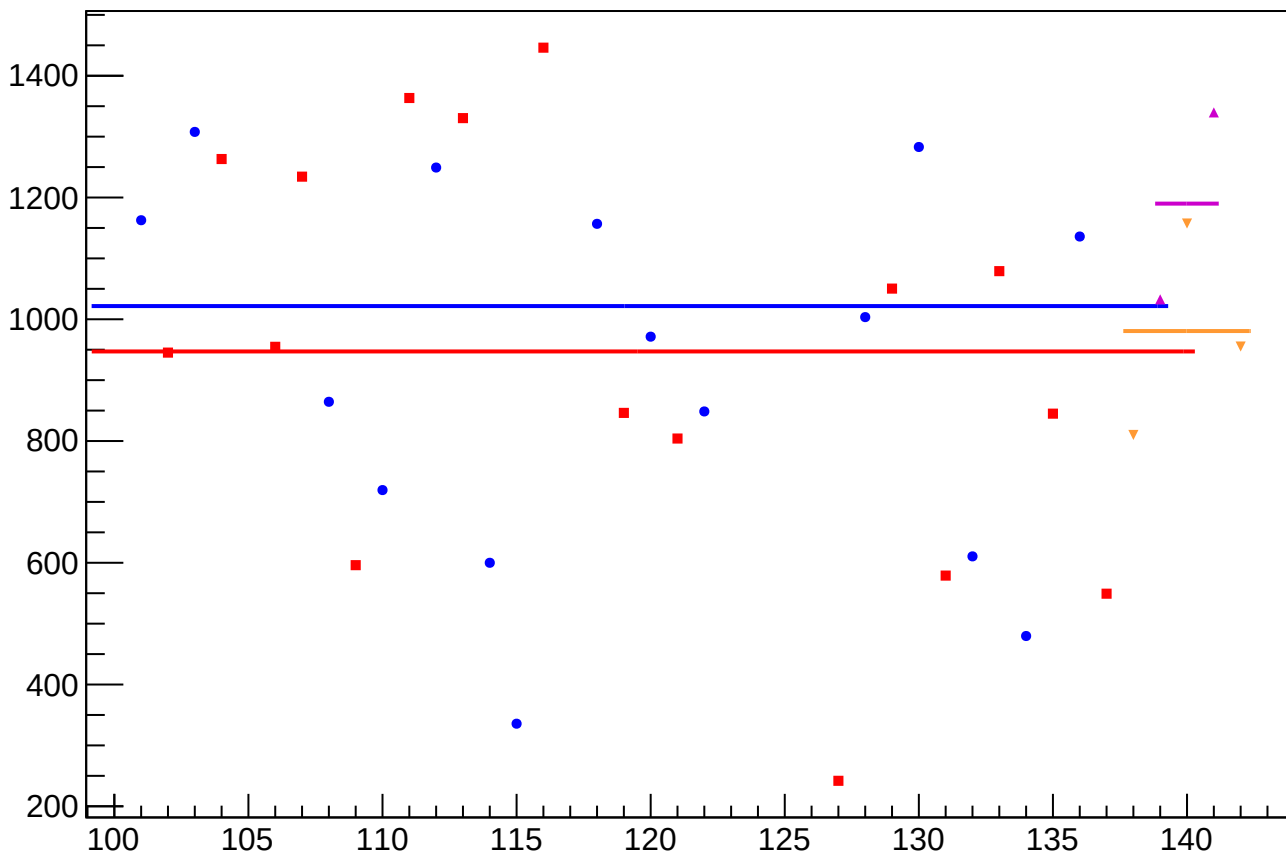
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 663.981+/-0.000 χ^2/NDF : 9734894599574410654576162279931248640.0/2

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: 665.425+/-0.000 χ^2/NDF : 898152910120667697499981214788878336.0/1

dit_usl_coil7_Ndata_mean vs Slug



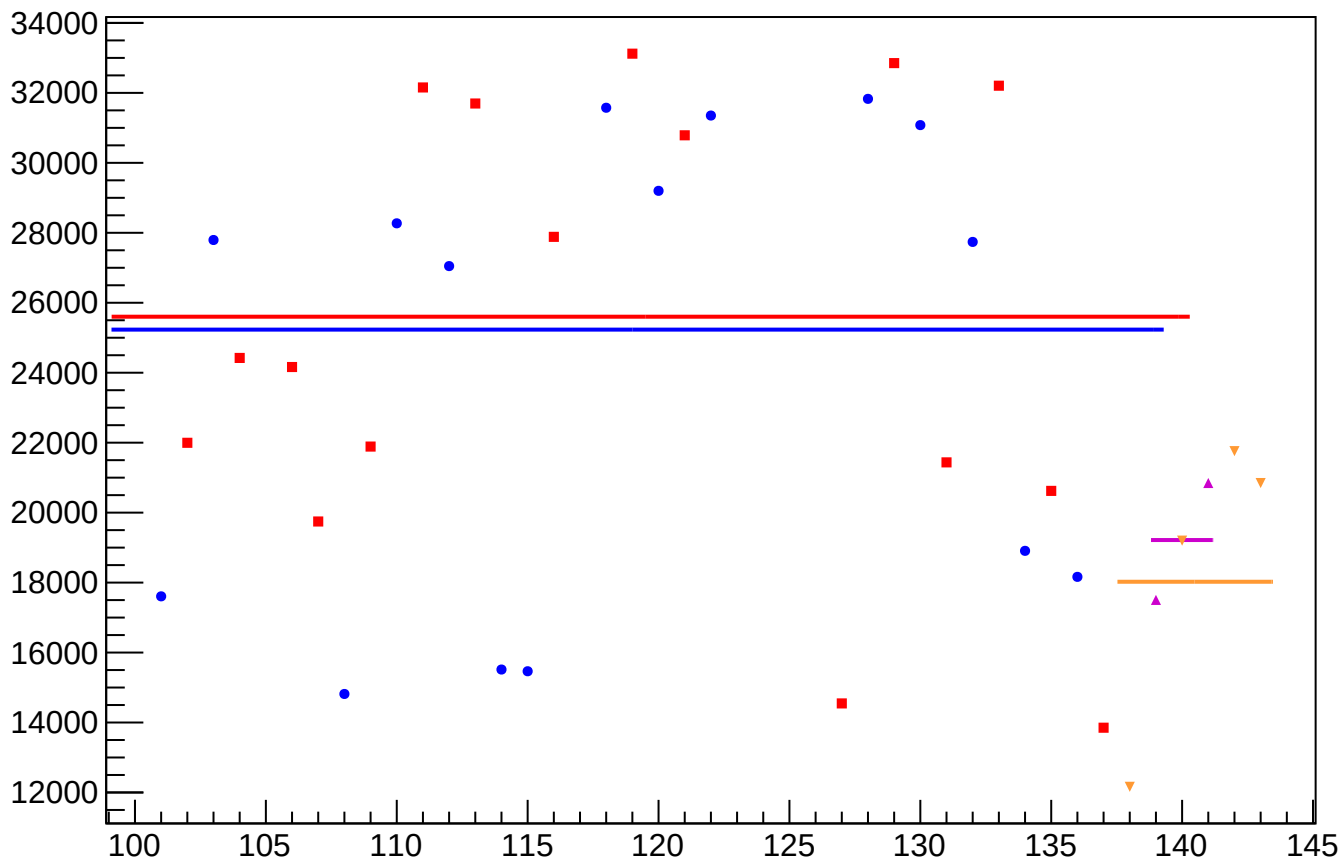
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

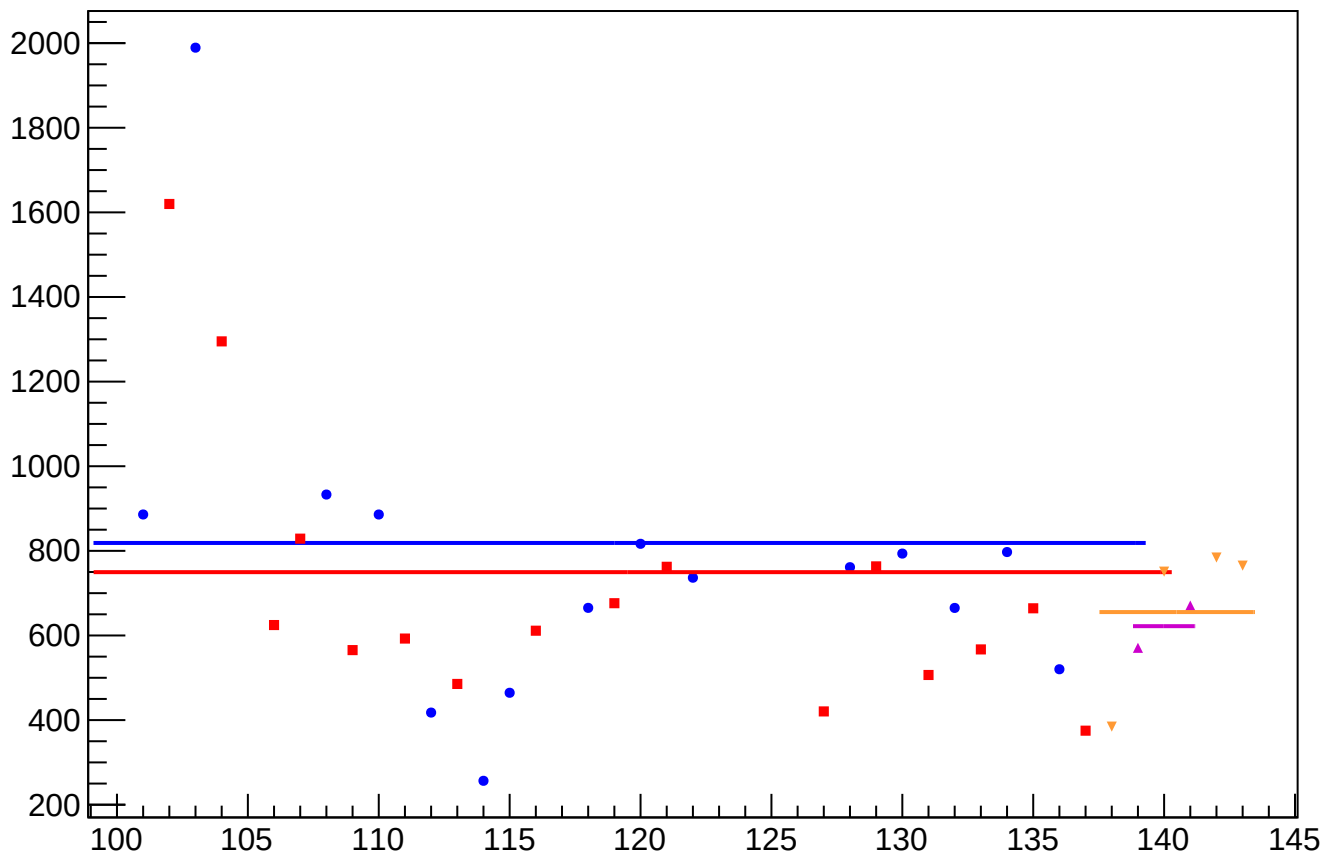
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18024.077+/-0.000 χ^2/NDF : 3968443192307123475591230272815784525824.0/3
 Right Out: 25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: 19216.600+/-0.000 χ^2/NDF : 463213065865079451613861594199918379008.0/1

dit_usr_coil7_err_mean vs Slug



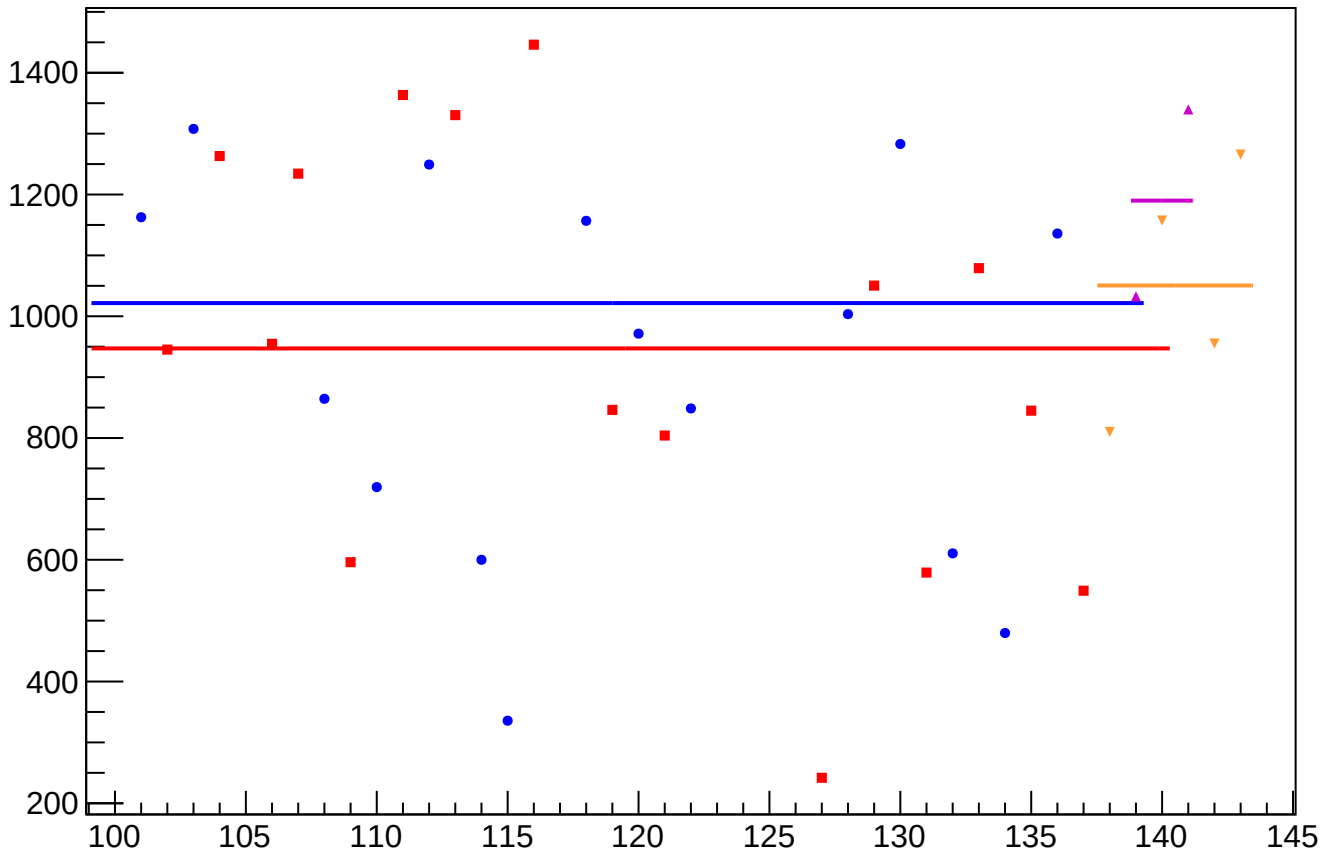
Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 655.329+/-0.000 χ^2/NDF : 8036674160010598780318375042869100544.0/3

Right Out: 749.661+/-0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: 621.990+/-0.000 χ^2/NDF : 413499586942220991122771405885669376.0/1

dit_usr_coil7_Ndata_mean vs Slug



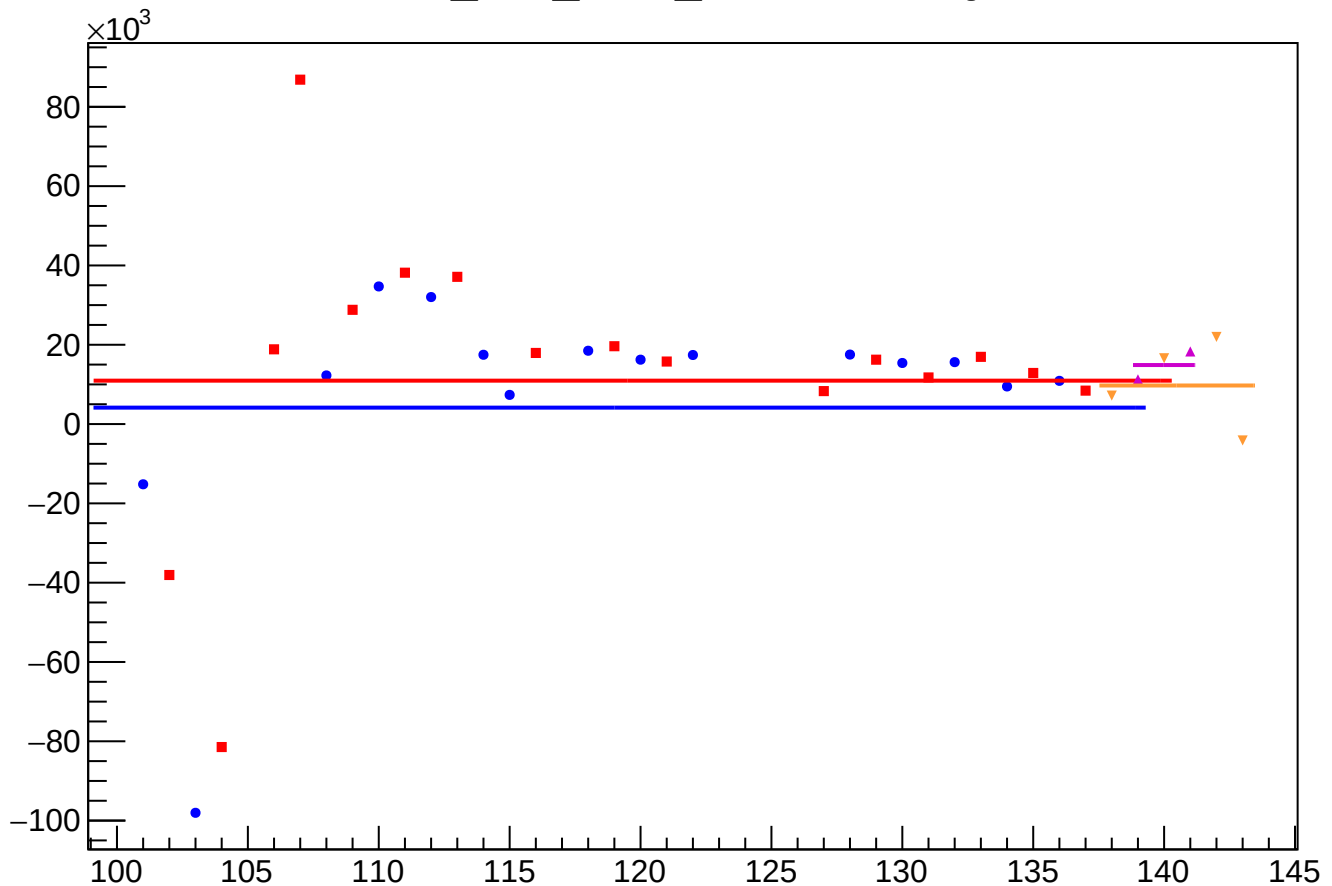
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

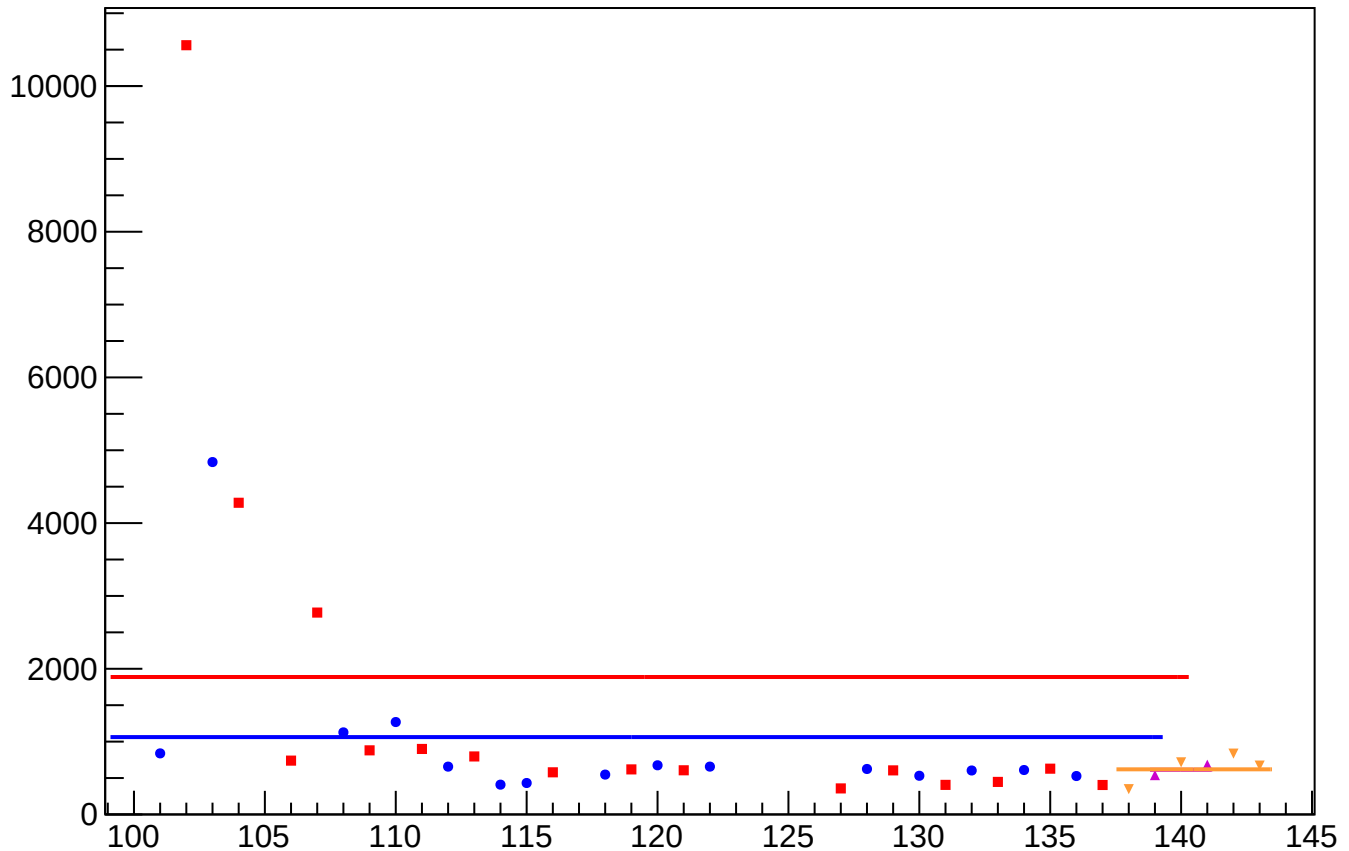
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atl1_coil7_mean vs Slug



Right In: 4145.268 $\pm$ 0.000 χ^2 /NDF: 763693998395064689637972381933507648159744.0/14
 Left Out: 9726.604 $\pm$ 0.000 χ^2 /NDF: 24142283690554368293785379579932109176832.0/3
 Right Out: 10948.073 $\pm$ 0.000 χ^2 /NDF: 873949668510327201514601463115396191092736.0/15
 Left In: 14885.532 $\pm$ 0.000 χ^2 /NDF: 2044491293921523554069642538928452927488.0/1

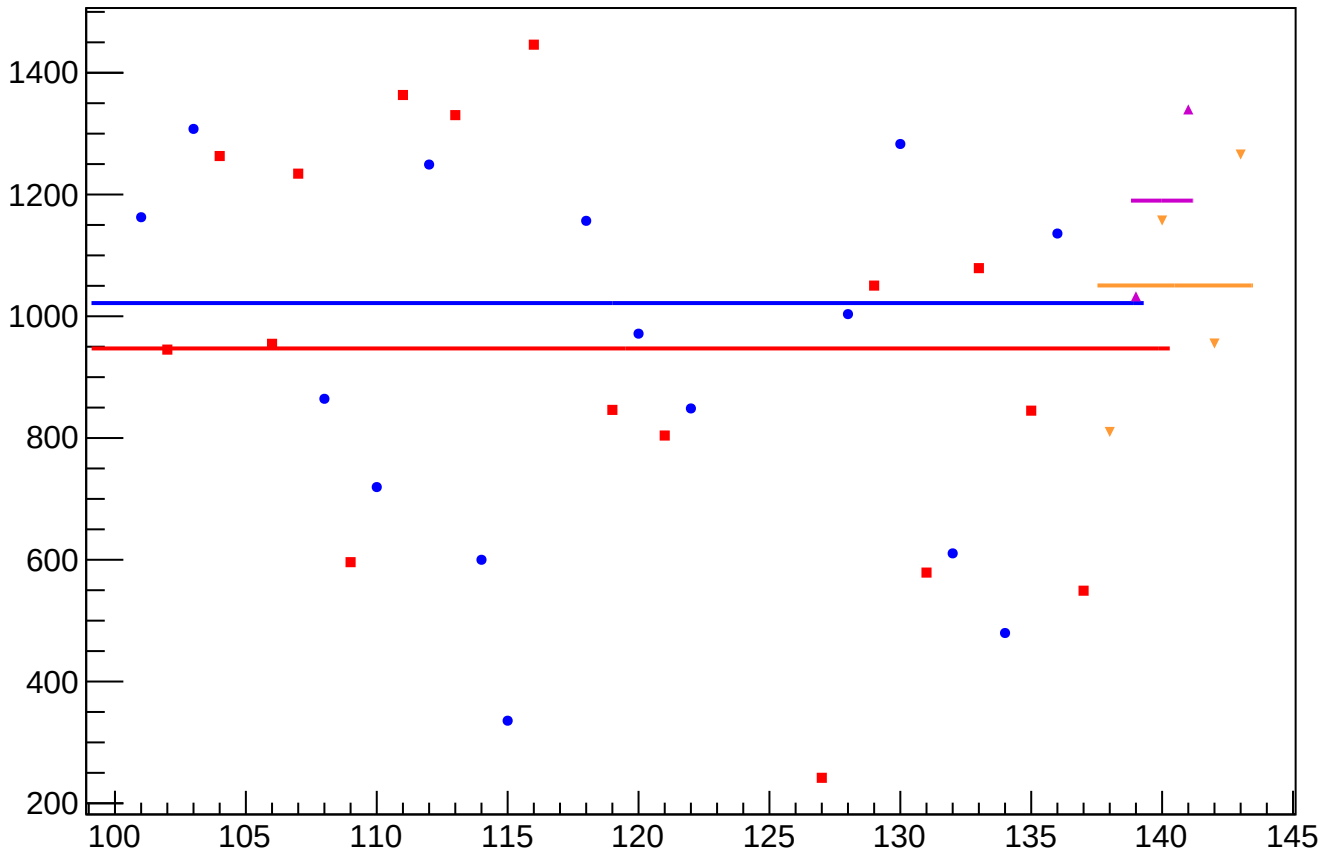
dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
Left Out: 619.489+/-0.000 χ^2/NDF : 8857266522236069667520106331279196160.0/3
Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
Left In: 613.260+/-0.000 χ^2/NDF : 850136083774580265107336392475672576.0/1

931.073+/-0.000 χ^2/NDF : 99931662761704695
1633.231+/-0.000 χ^2/NDF : 5742399304588673

dit_atl1_coil7_Ndata_mean vs Slug



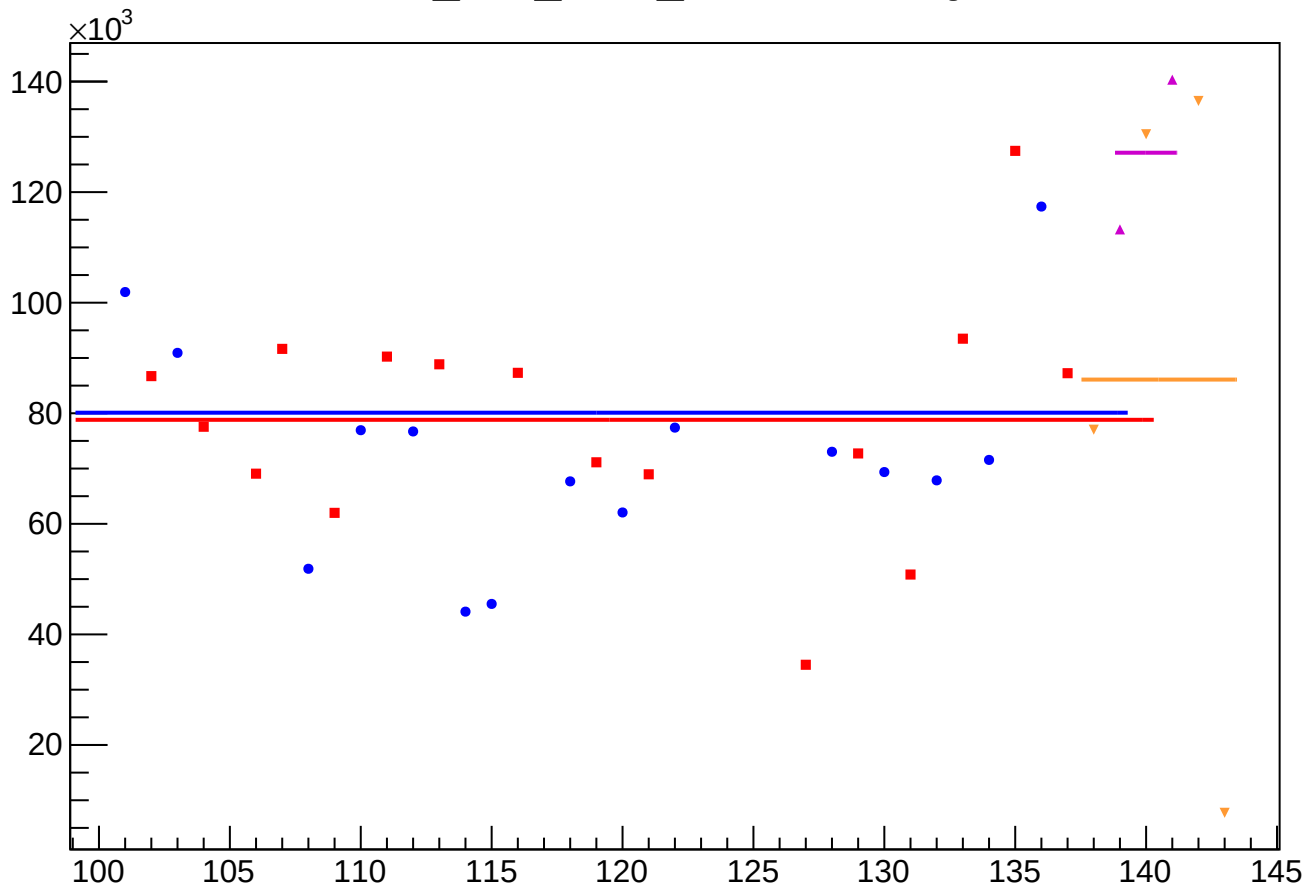
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

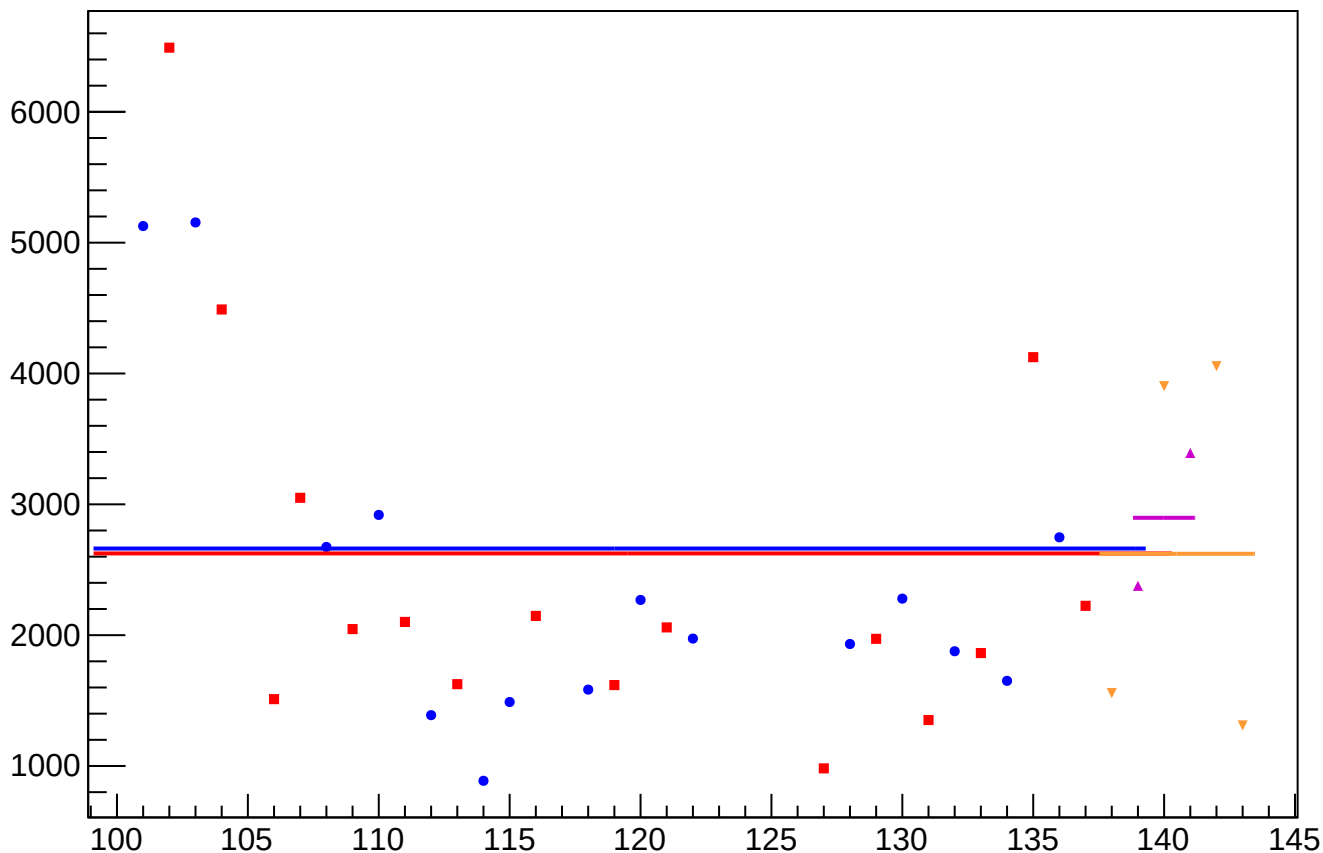
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atl2_coil7_mean vs Slug



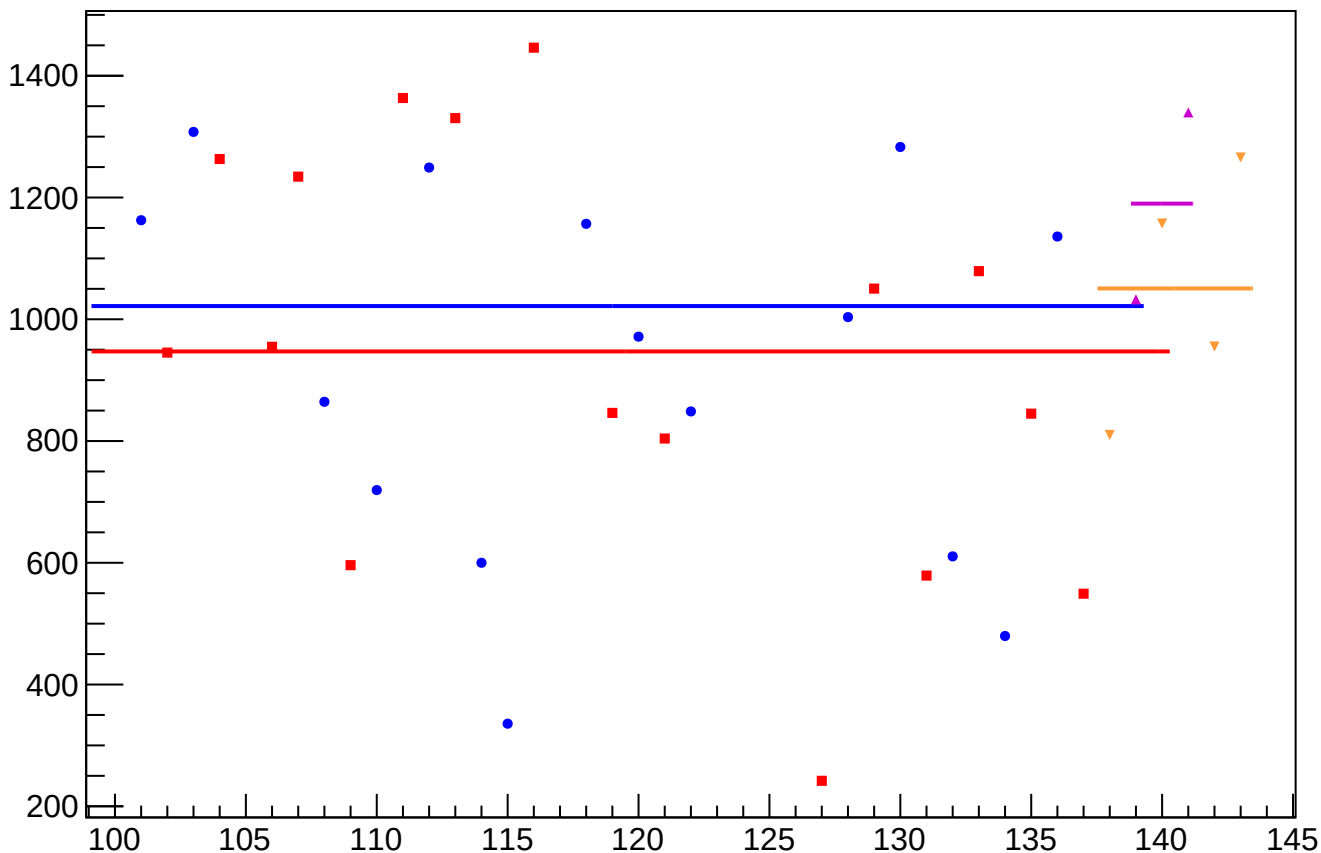
Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 86093.406+/-0.000	χ^2/NDF : 696130322289822559884388419608648876032000.0/3
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 127126.895+/-0.000	χ^2/NDF : 30415796381438348857009893039165864411136.0/1

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2621.997+/-0.000 χ^2/NDF : 432932866528146477456999723616914374656.0/3
 Right Out: 2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 2897.065+/-0.000 χ^2/NDF : 42785541100060796561946357622378594304.0/1

dit_atl2_coil7_Ndata_mean vs Slug



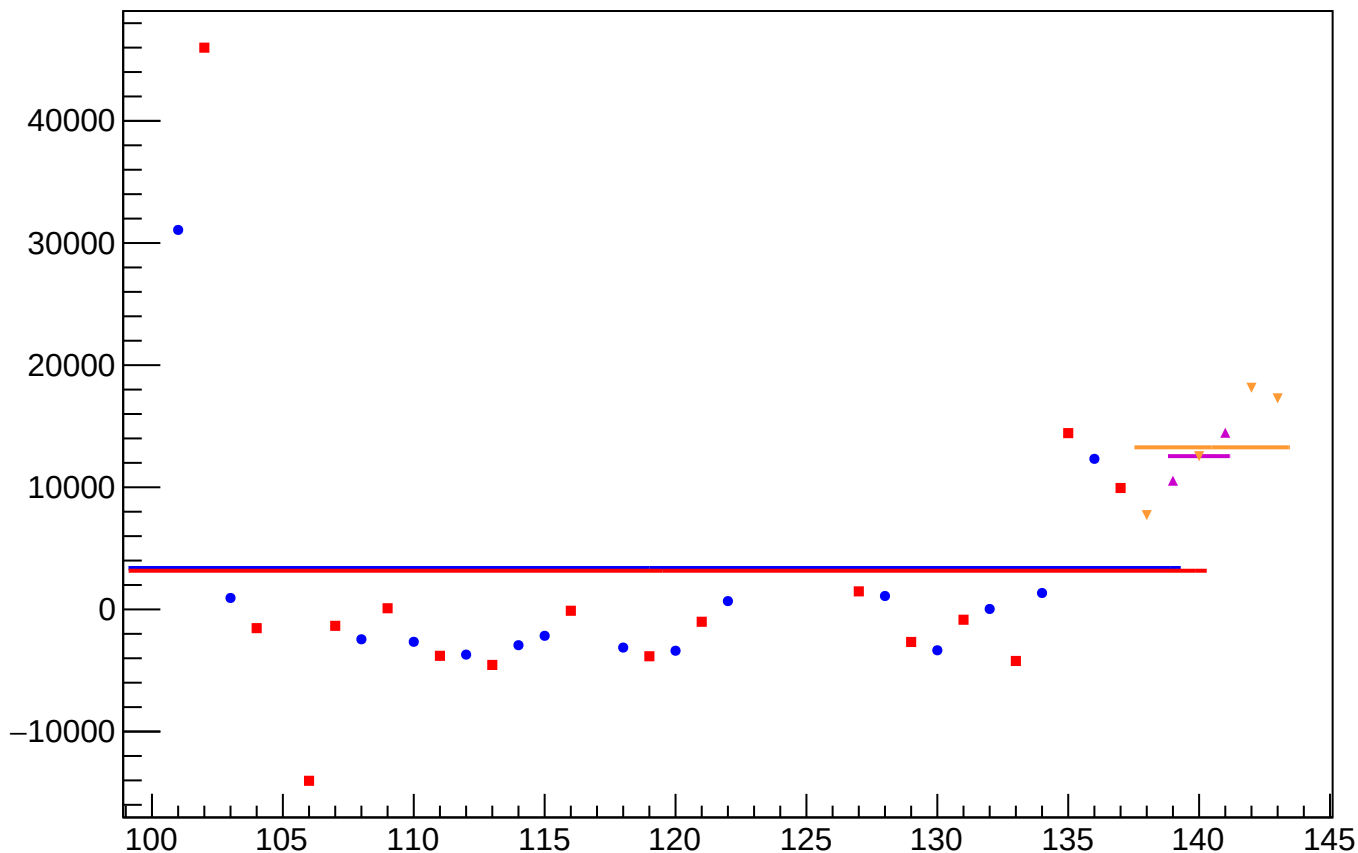
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

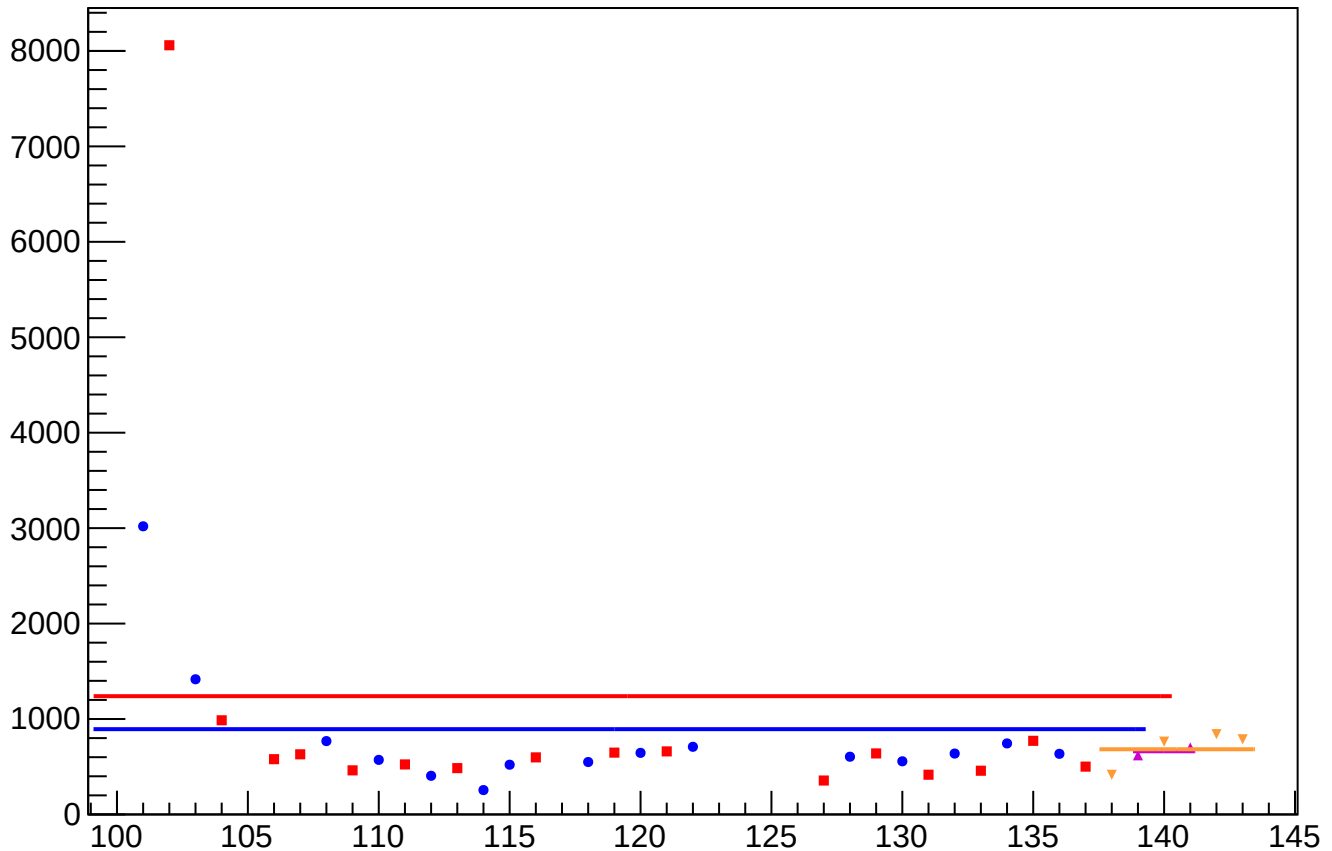
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 13271.348+/-0.000 χ^2/NDF : 4620842486349904588705342150711424581632.0/3
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 12550.865+/-0.000 χ^2/NDF : 639650417633022921729074344160145702912.0/1

dit_atr1_coil7_err_mean vs Slug



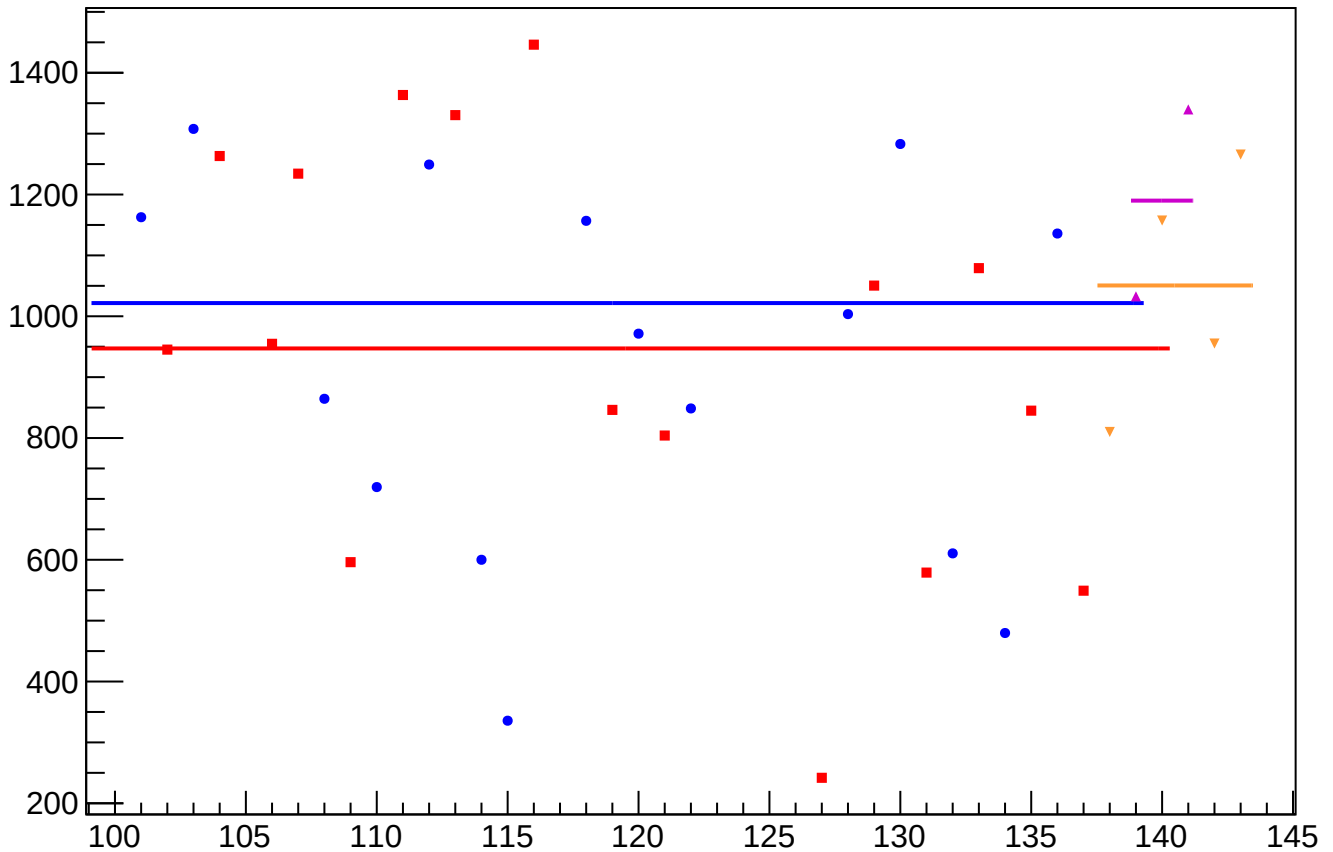
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 683.039+/-0.000 χ^2/NDF : 7985056793554891495760411111039434752.0/3

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

Left In: 661.818+/-0.000 χ^2/NDF : 279978073784022970720437800898920448.0/1

dit_atr1_coil7_Ndata_mean vs Slug



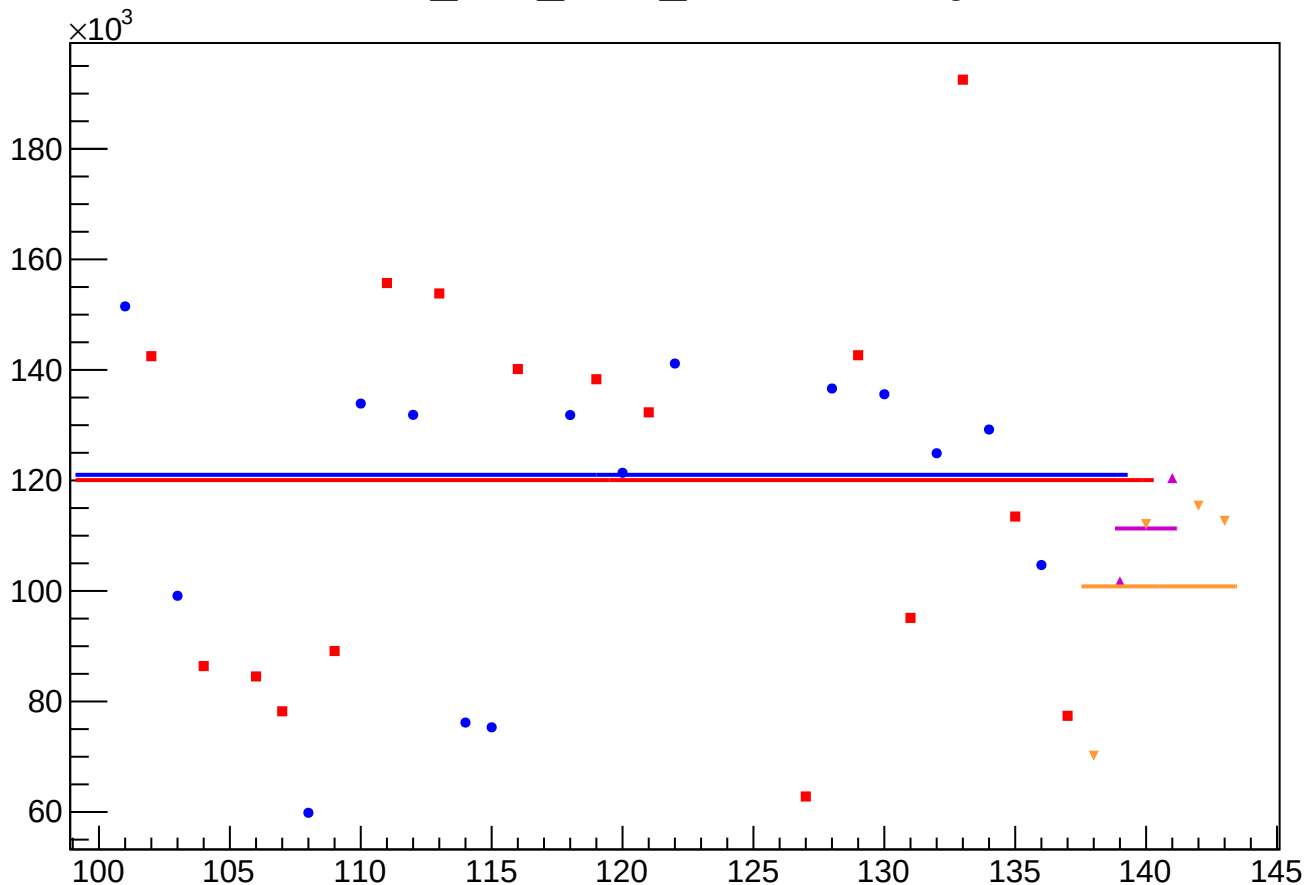
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

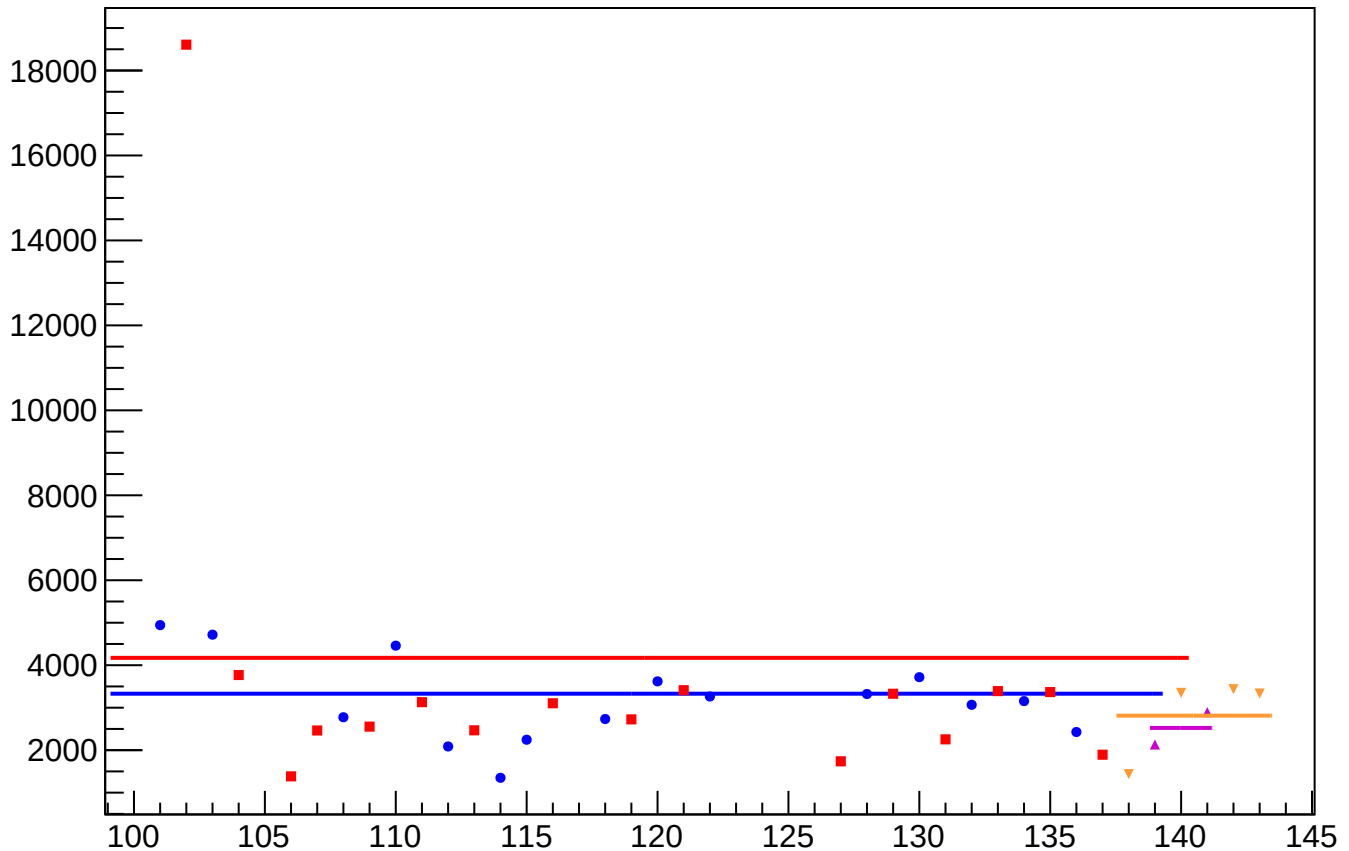
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atr2_coil7_mean vs Slug



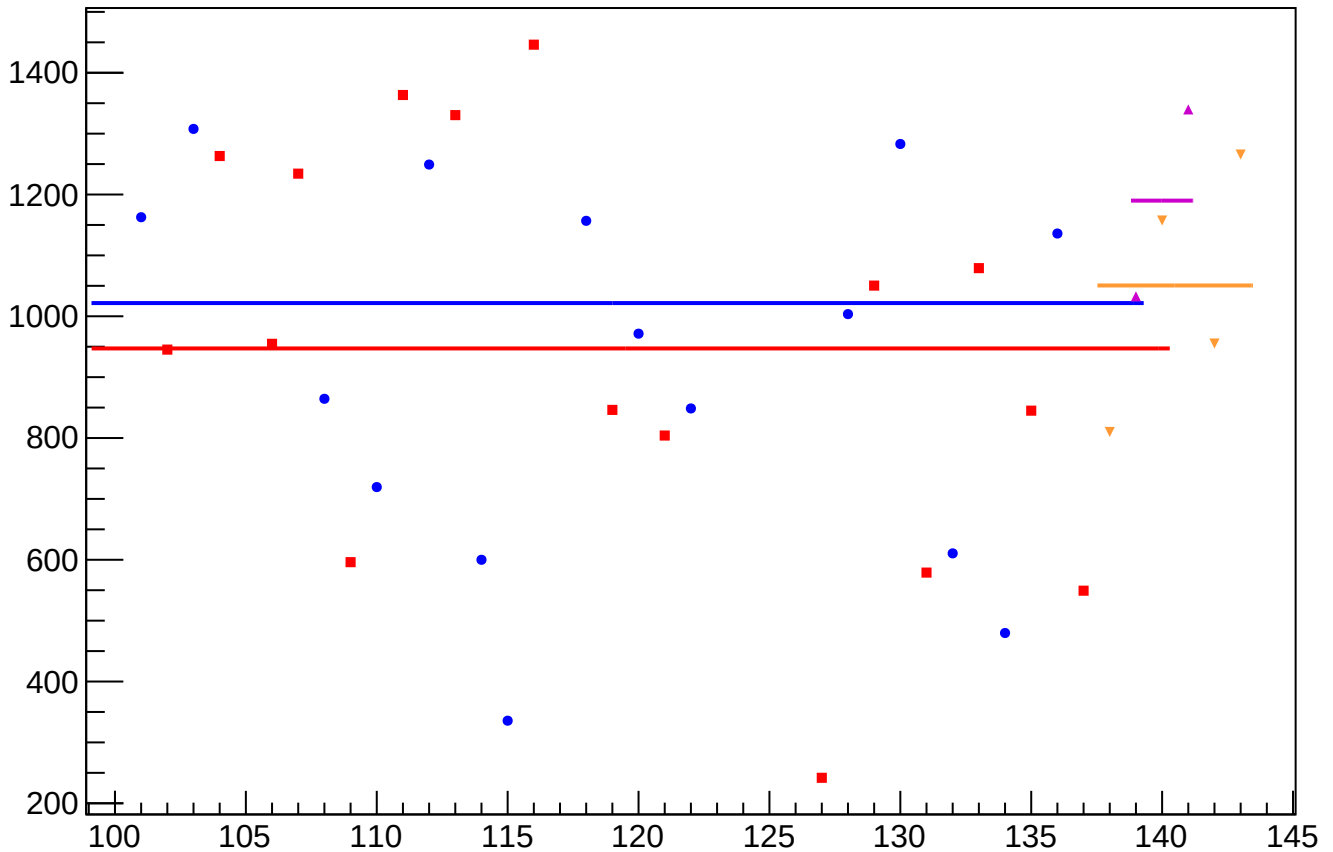
Right In: 121016.482 $\pm$ 0.000 χ^2/NDF : 358713856404303554987784975983609668173824.0/14
 Left Out: 100827.316 $\pm$ 0.000 χ^2/NDF : 102892269965422467105383671872969190146048.0/3
 Right Out: 120060.693 $\pm$ 0.000 χ^2/NDF : 828419782346707601448620310014135952736256.0/15
 Left In: 111309.118 $\pm$ 0.000 χ^2/NDF : 14492638666008010516312869980815438643200.0/1

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000	χ^2/NDF : 567034774398456376227526824513721335808.0/14
Left Out: 2812.743+/-0.000	χ^2/NDF : 207546064680596096552343931173512151040.0/3
Right Out: 4173.434+/-0.000	χ^2/NDF : 13498246551537992400095003154682468106240.0/15
Left In: 2523.481+/-0.000	χ^2/NDF : 24047283485849189353760142345629597696.0/1

dit_atr2_coil7_Ndata_mean vs Slug



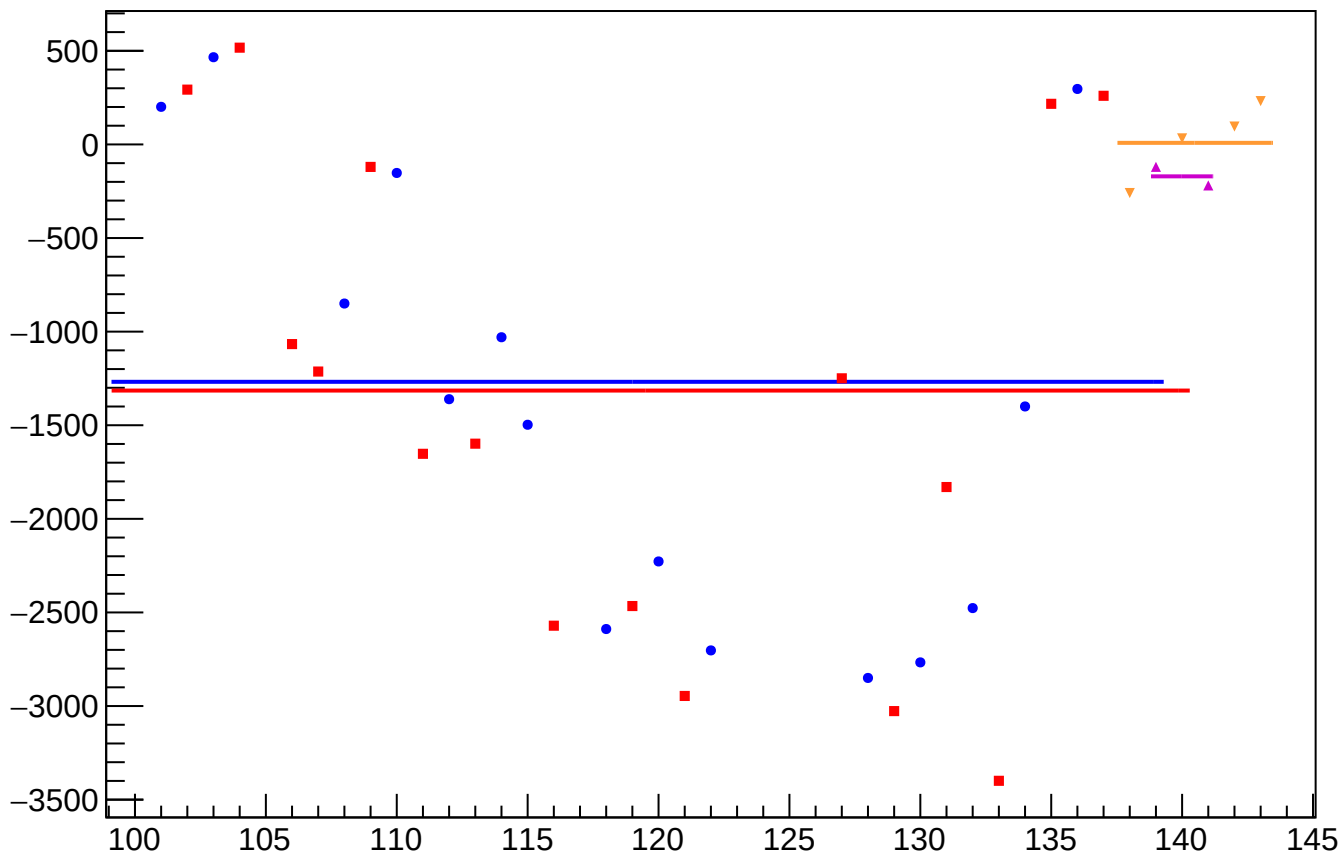
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam1_coil7_mean vs Slug



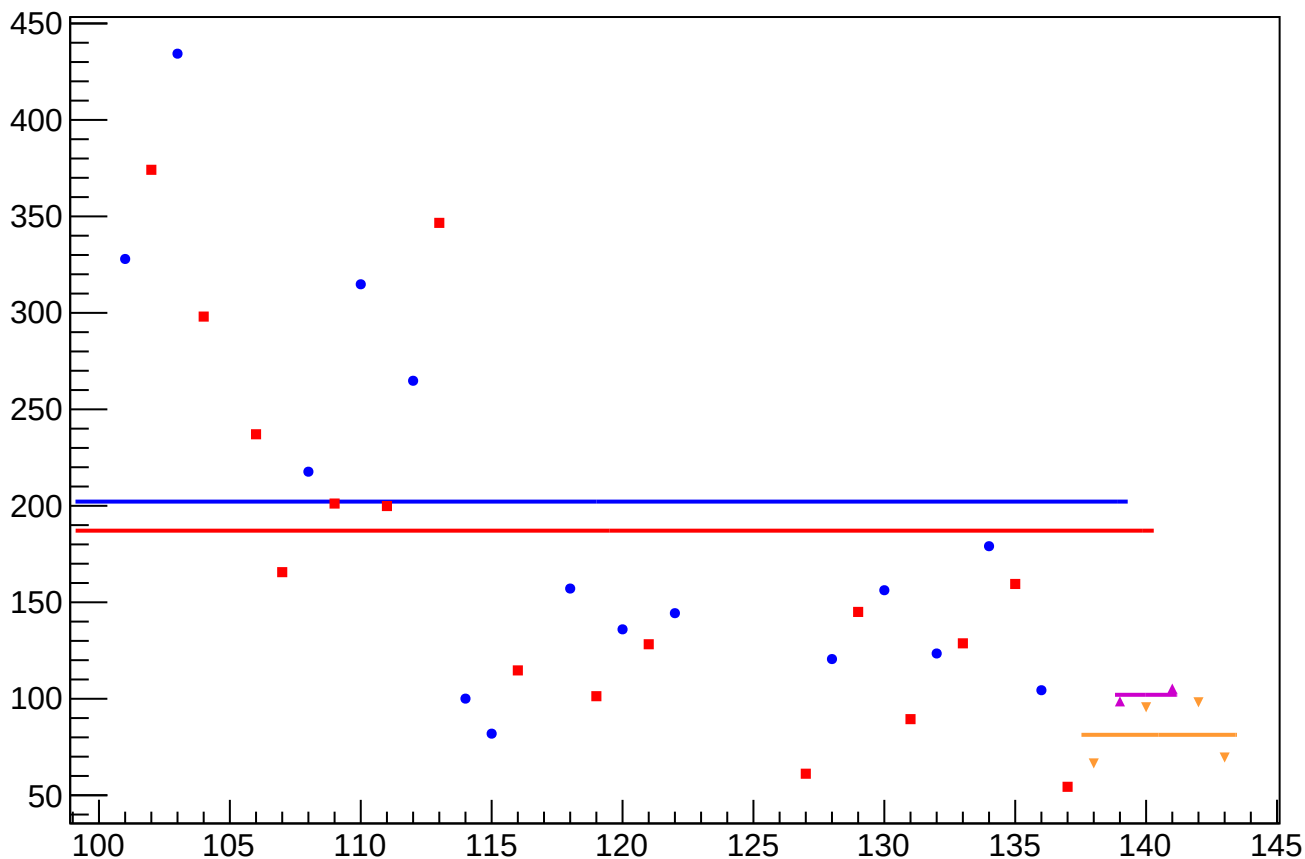
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: 8.471+/-0.000 χ^2/NDF : 9329094644374731823430516663346266112.0/3

Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

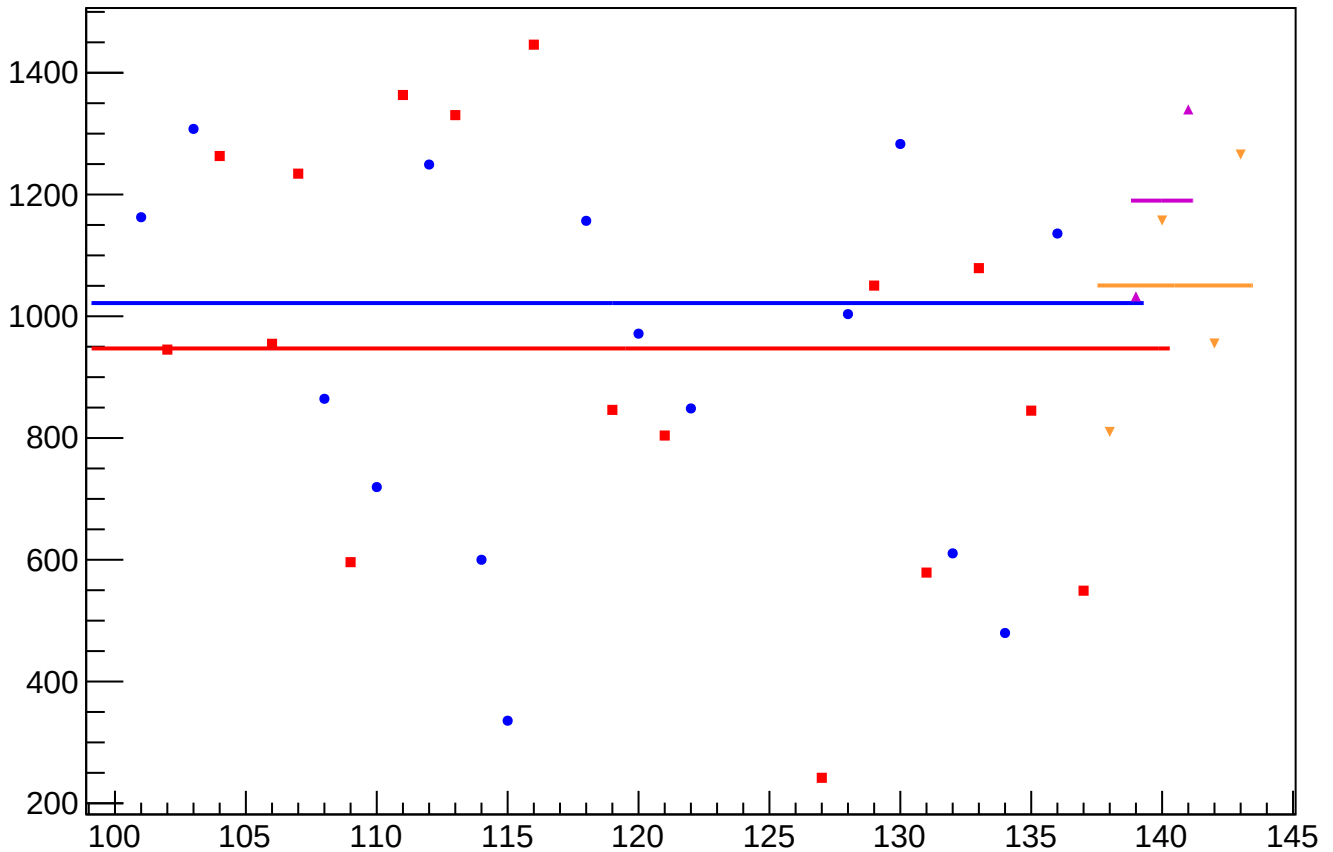
Left In: -170.523+/-0.000 χ^2/NDF : 409378758177149563685368738575548416.0/1

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14
 Left Out: 81.320+/-0.000 χ^2/NDF : 56198134481675652395021530640154624.0/3
 Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15
 Left In: 102.057+/-0.000 χ^2/NDF : 1829526798030354229377807828385792.0/1

dit_sam1_coil7_Ndata_mean vs Slug



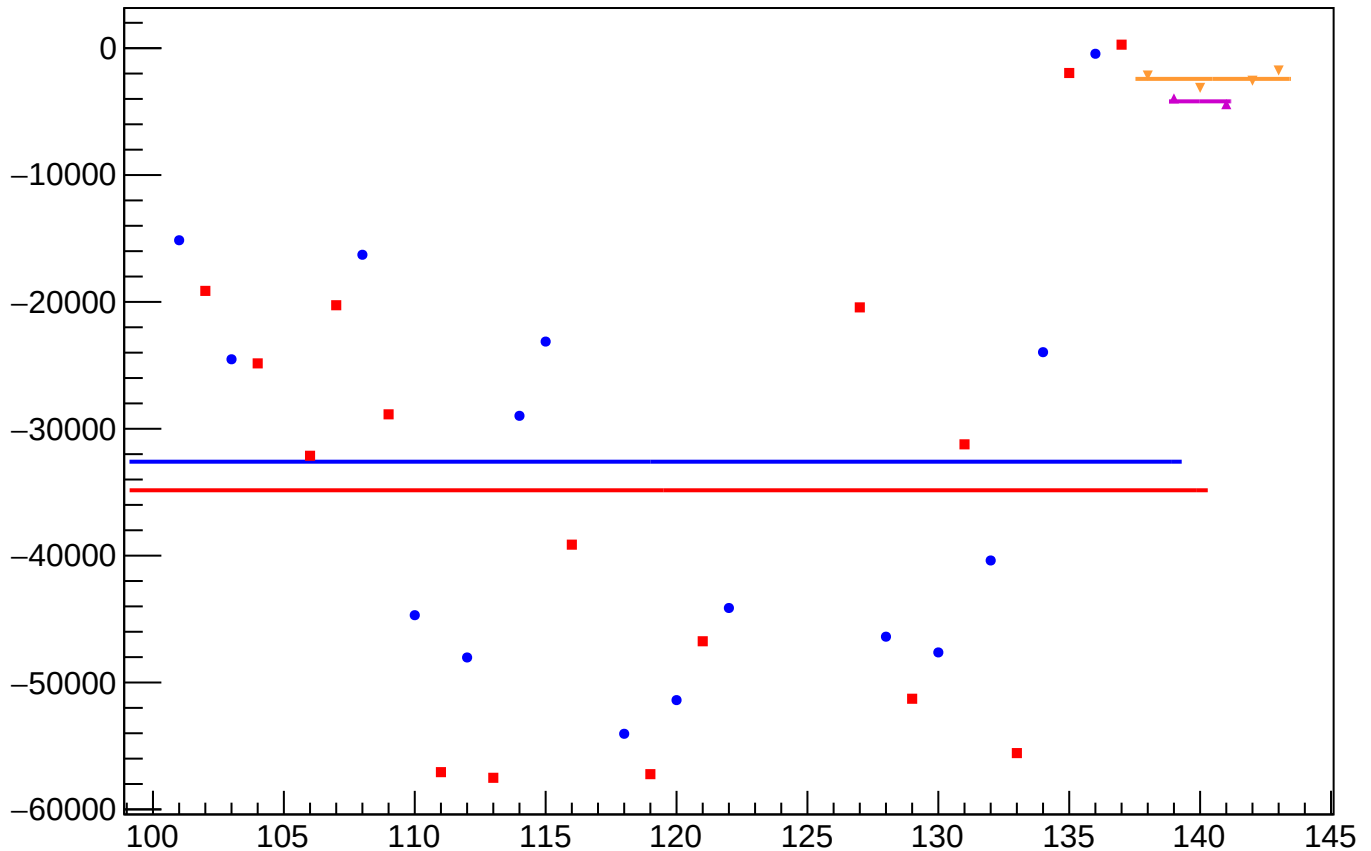
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

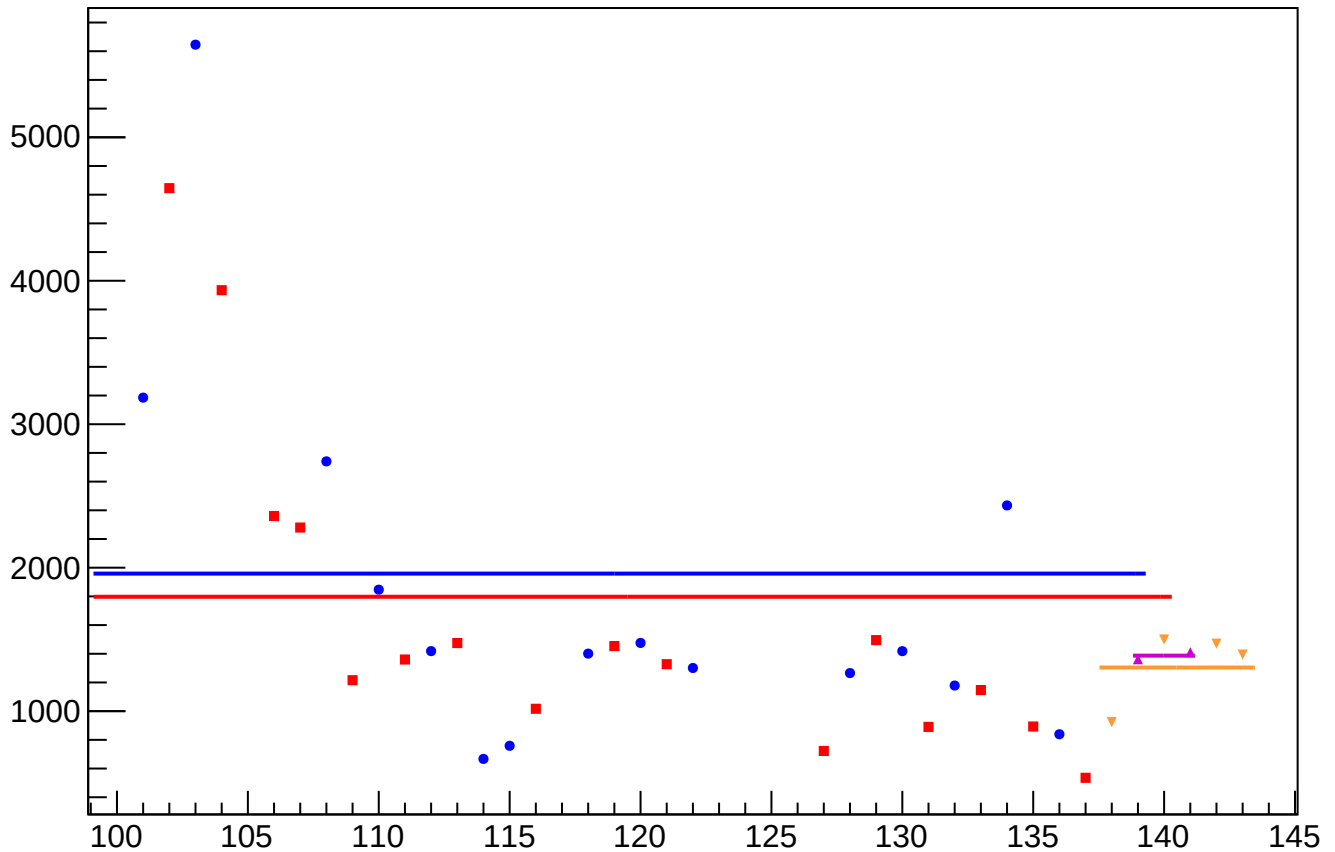
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam2_coil7_mean vs Slug



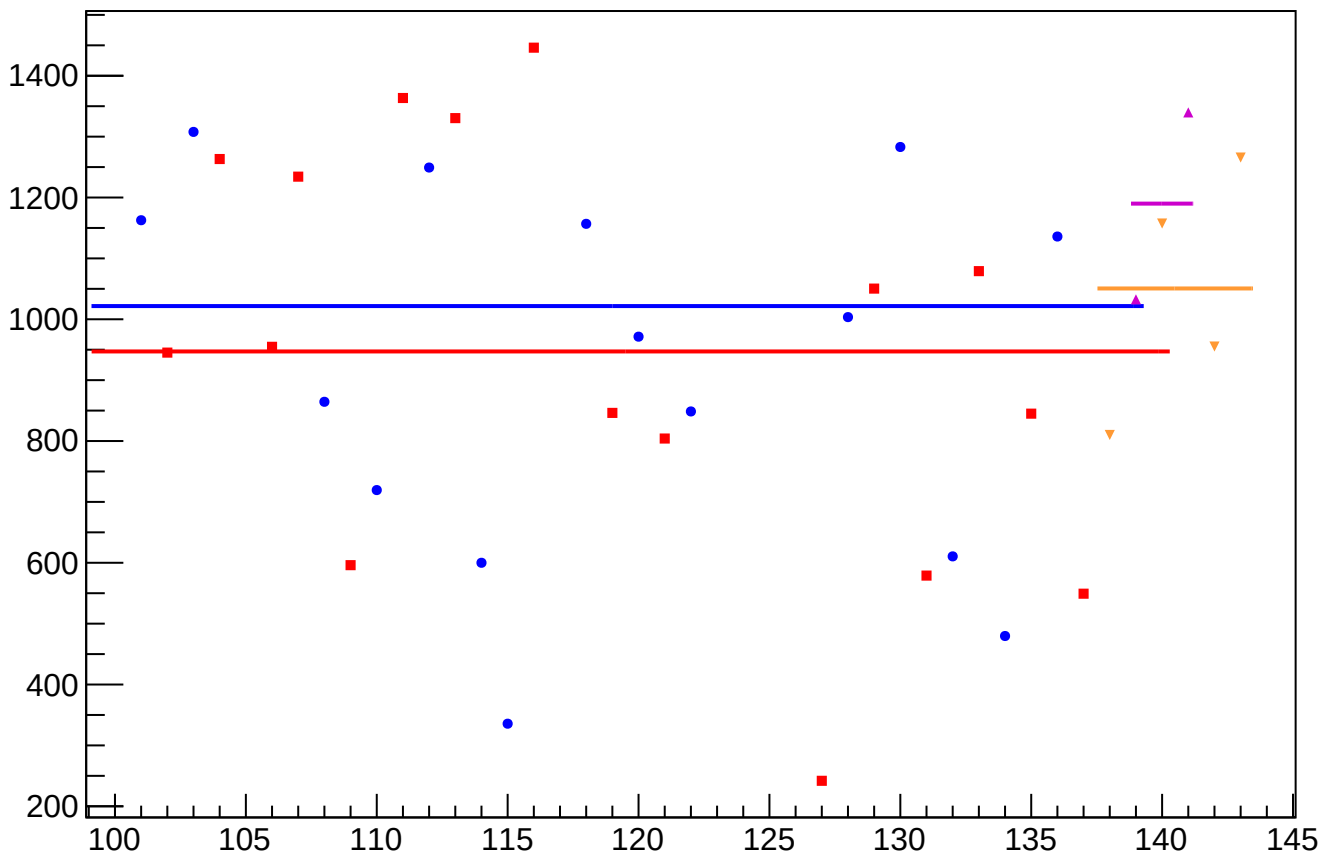
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2419.815+/-0.000 χ^2/NDF : 77047920832399818808714482354095128576.0/3
 Right Out: -34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -4190.882+/-0.000 χ^2/NDF : 8648761879054667895504206302474665984.0/1

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835 $\pm$ 0.000 χ^2 /NDF: 1189322999631358431600643692981190131712.0/14
 Left Out: 1304.247 $\pm$ 0.000 χ^2 /NDF: 16252583239936659242309227537871405056.0/3
 Right Out: 1797.392 $\pm$ 0.000 χ^2 /NDF: 955096623879958195657195074614240215040.0/15
 Left In: 1386.983 $\pm$ 0.000 χ^2 /NDF: 99321537729763257695965417209593856.0/1

dit_sam2_coil7_Ndata_mean vs Slug



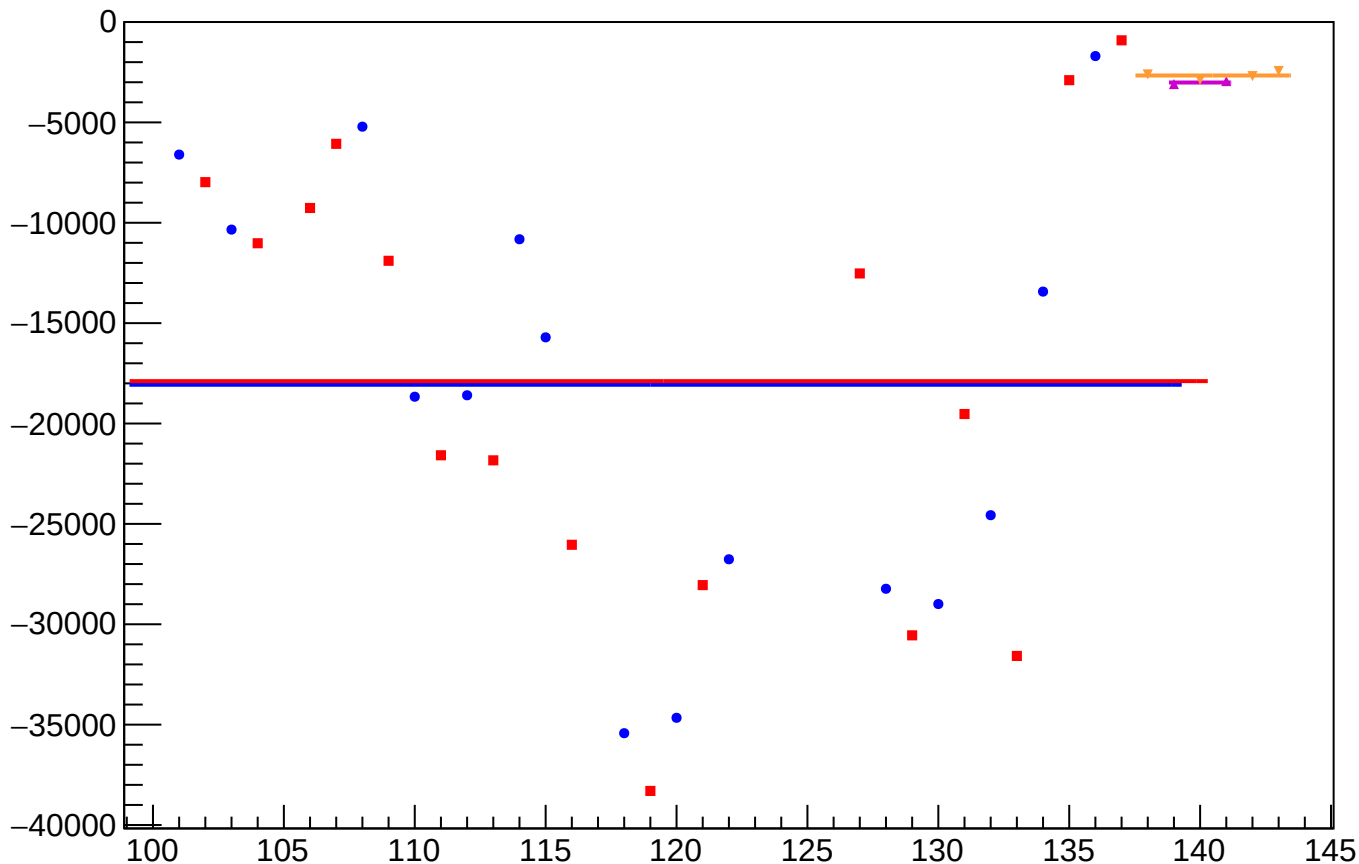
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

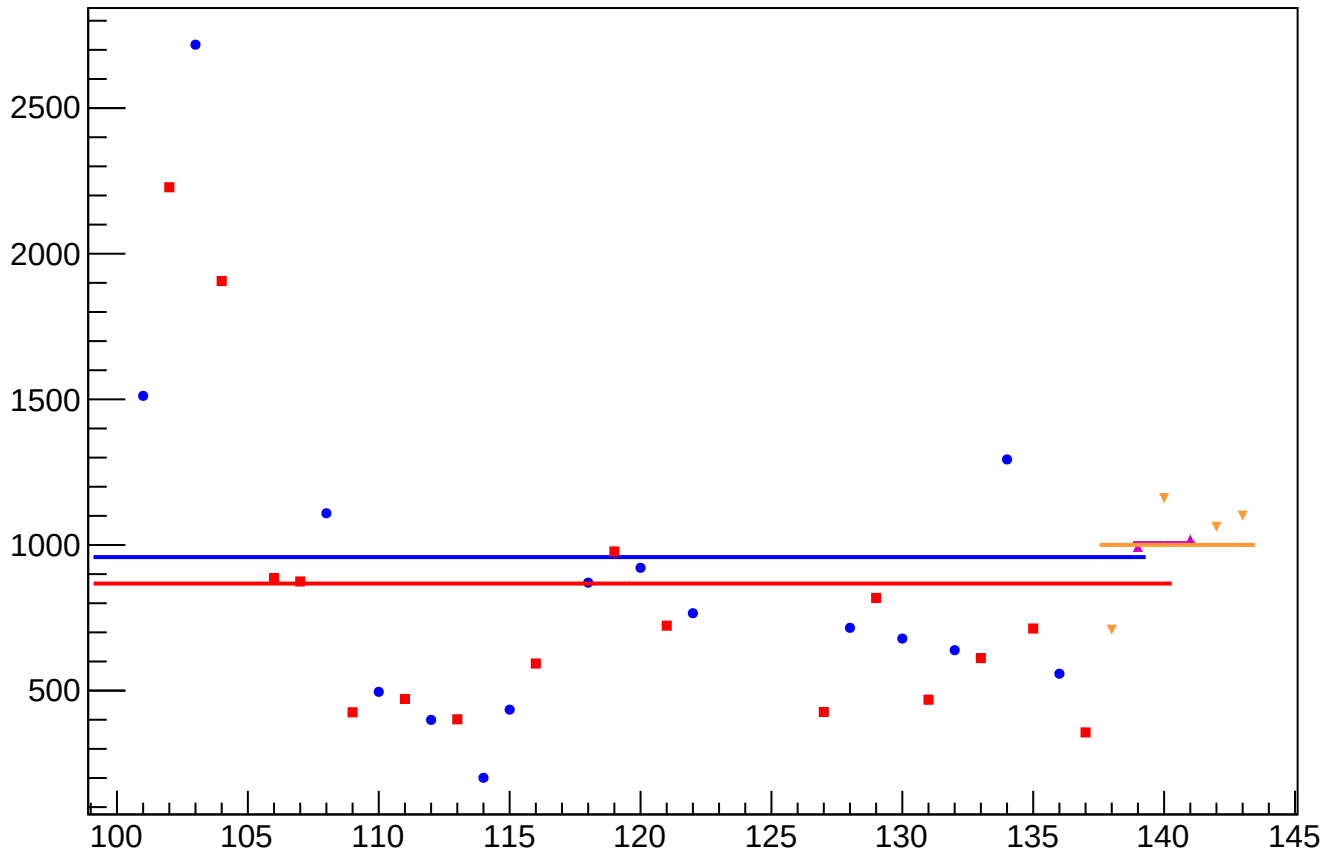
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2663.175+/-0.000 χ^2/NDF : 7352701317483164632905276666054443008.0/3
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3013.991+/-0.000 χ^2/NDF : 895957856215526275595350991479767040.0/1

dit_sam3_coil7_err_mean vs Slug



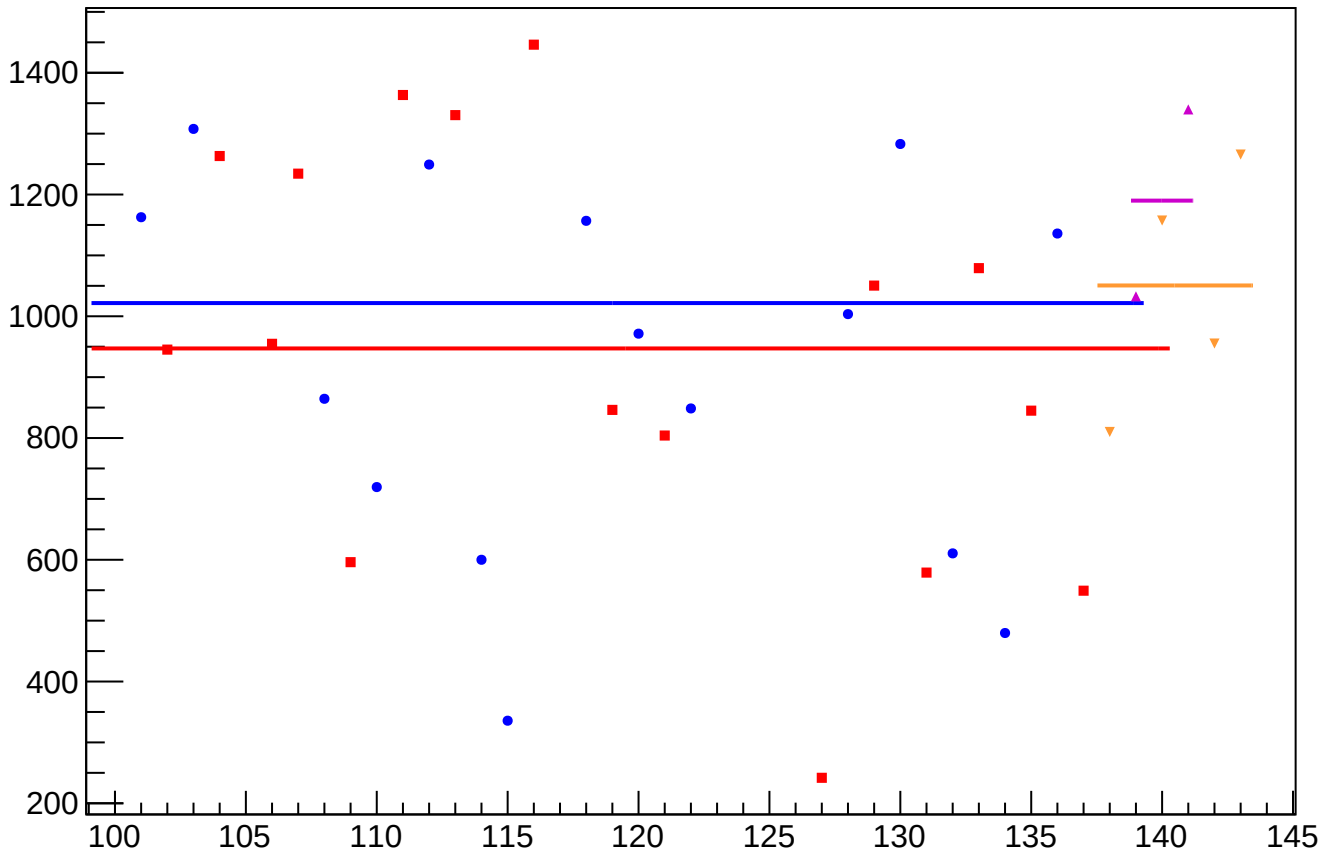
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 1000.467+/-0.000 χ^2/NDF : 9578666900922242118254882877465427968.0/3

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: 1006.433+/-0.000 χ^2/NDF : 26730063867927019307630595573547008.0/1

dit_sam3_coil7_Ndata_mean vs Slug



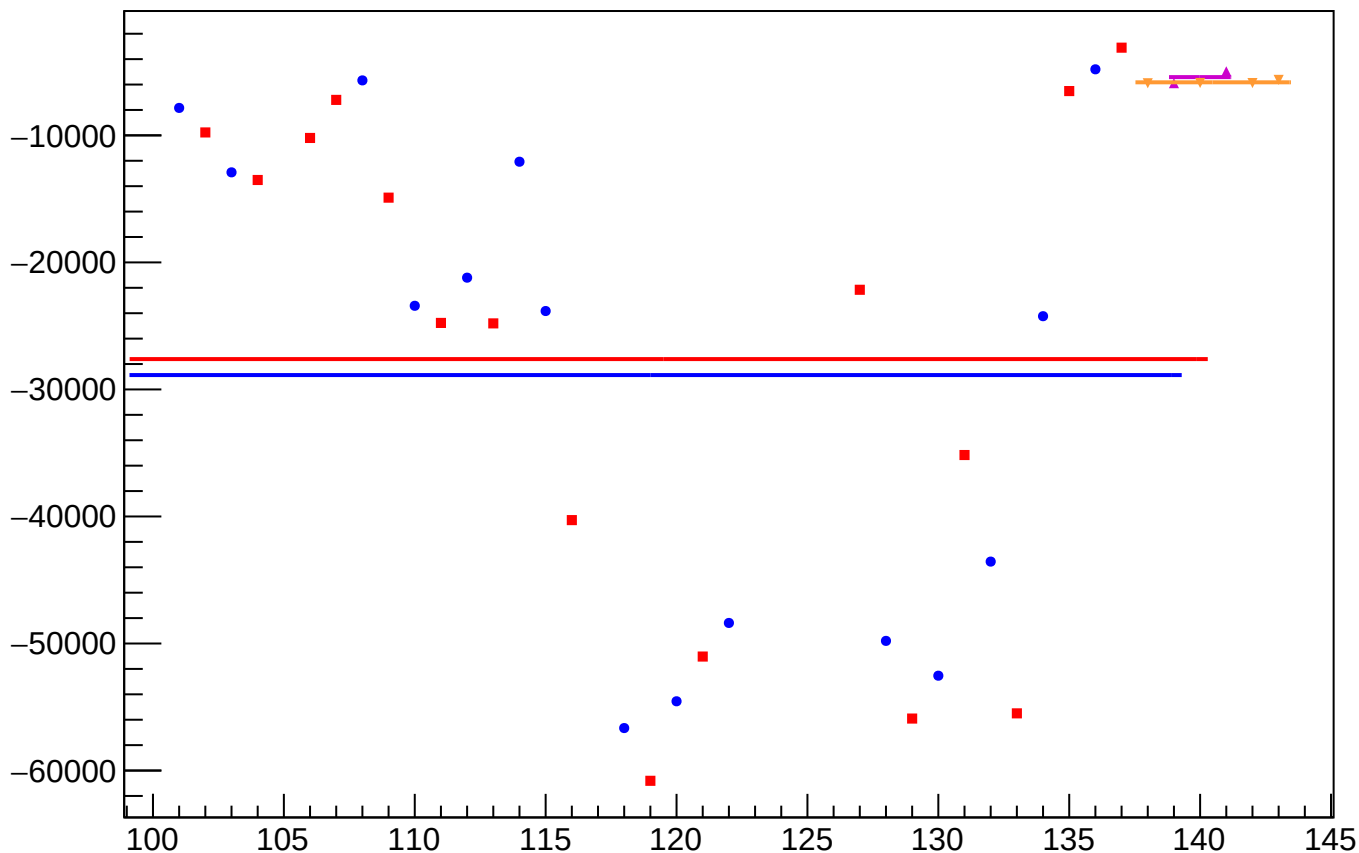
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

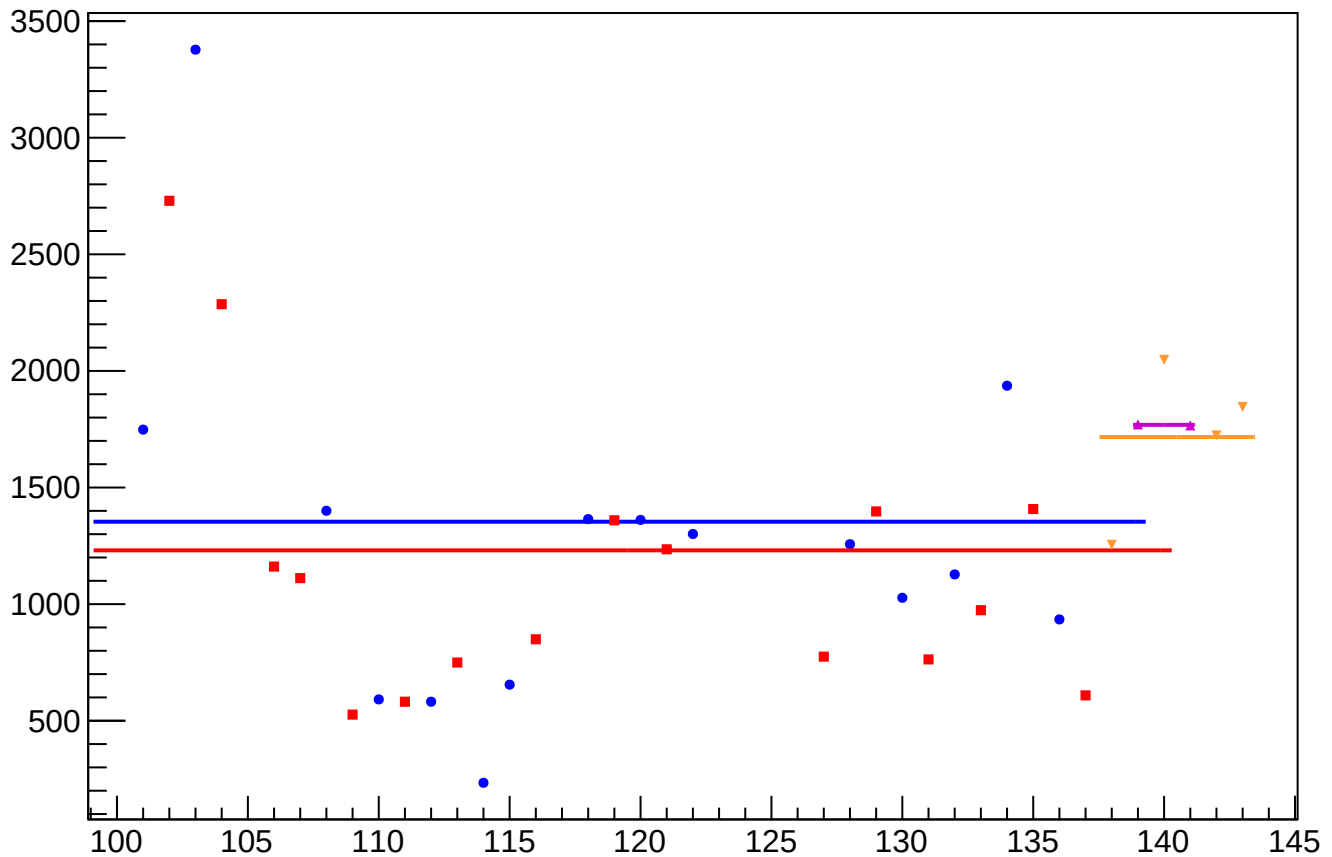
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam4_coil7_mean vs Slug



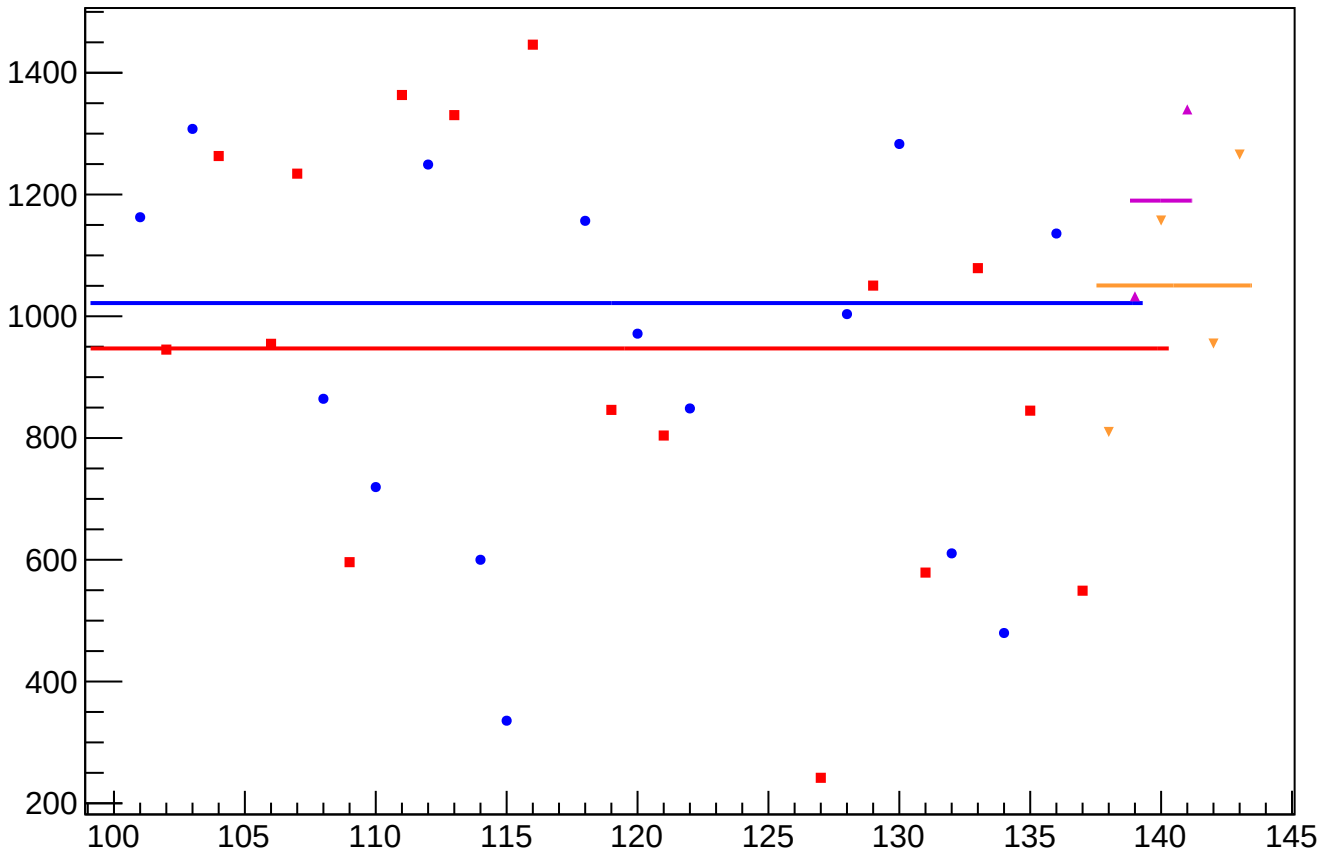
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -5824.311+/-0.000 χ^2/NDF : 3274231708799227813583623667377504256.0/3
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -5413.972+/-0.000 χ^2/NDF : 36142797646132527951962569628530507776.0/1

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413 $\pm$ 0.000 χ^2 /NDF: 352887966702770713373861839880553758720.0/14
 Left Out: 1716.663 $\pm$ 0.000 χ^2 /NDF: 26755330221760040288871414479496151040.0/3
 Right Out: 1230.633 $\pm$ 0.000 χ^2 /NDF: 276989454129150005656872744539903754240.0/15
 Left In: 1768.609 $\pm$ 0.000 χ^2 /NDF: 741686981259396916198910038376448.0/1

dit_sam4_coil7_Ndata_mean vs Slug



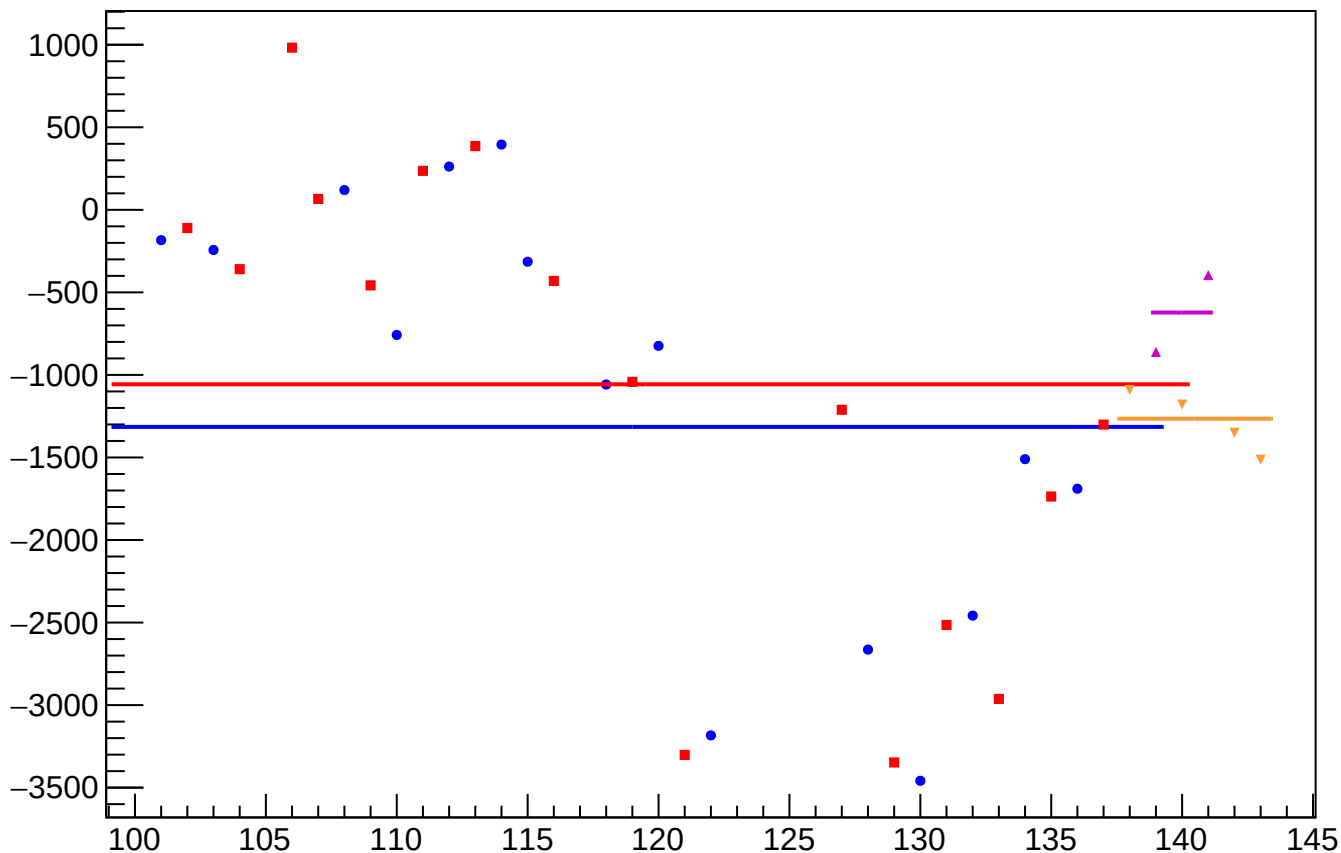
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

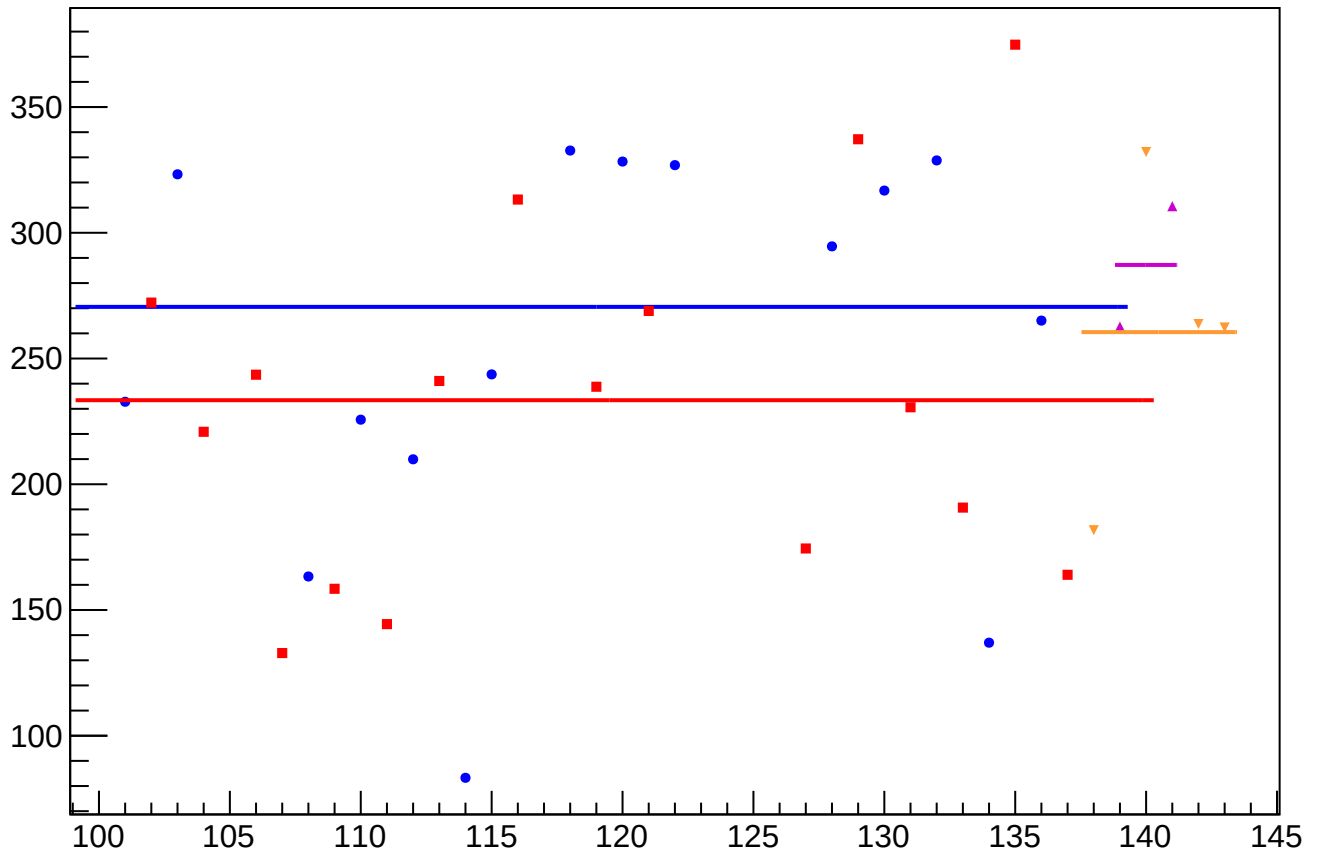
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam5_coil7_mean vs Slug



Right In: -1314.782+/-0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1265.134+/-0.000 χ^2/NDF : 7440958981570696337970301223374422016.0/3
 Right Out: -1056.765+/-0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: -622.041+/-0.000 χ^2/NDF : 8988929562249793058473096060600320000.0/1

dit_sam5_coil7_err_mean vs Slug



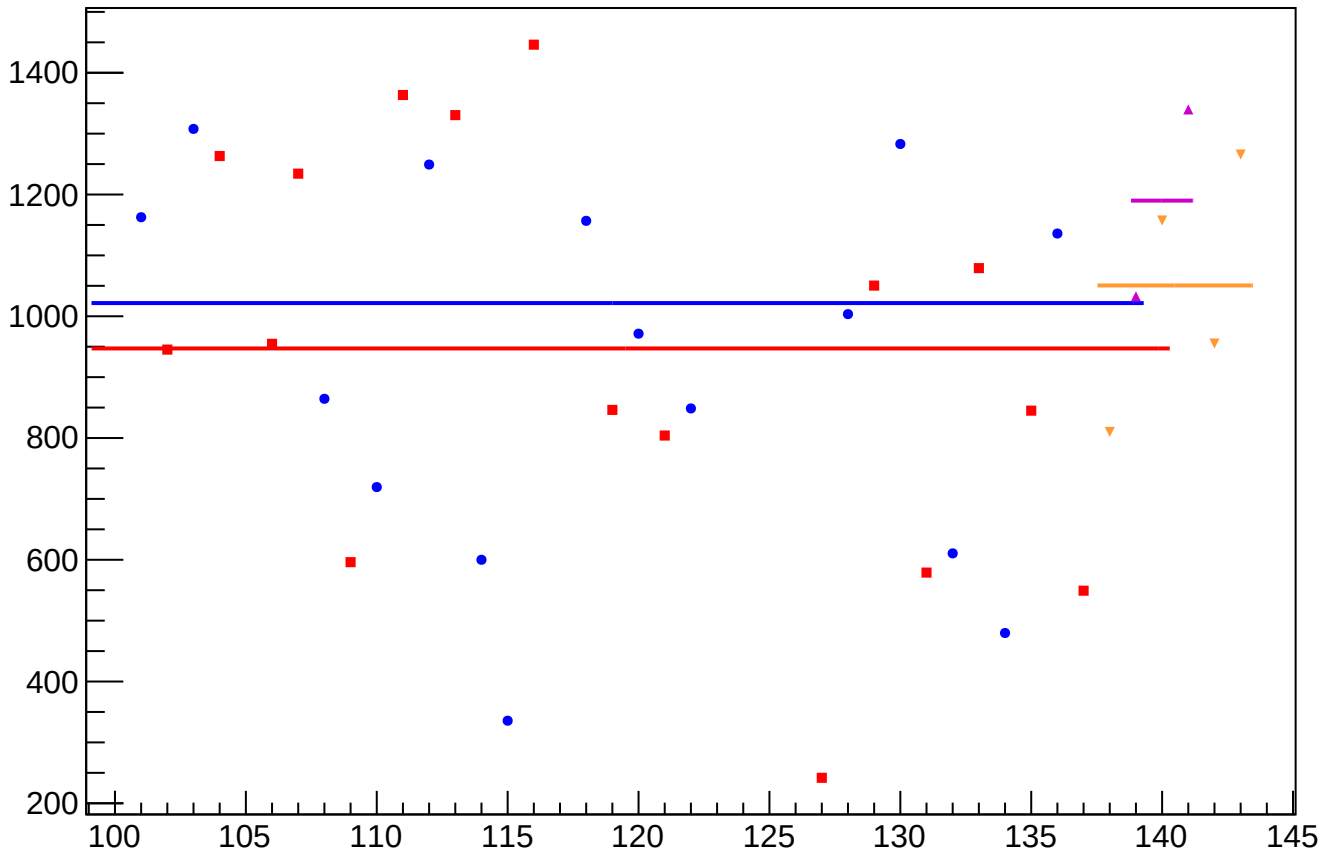
Right In: 270.538+/-0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 260.500+/-0.000 χ^2/NDF : 905340145741554246727262482680774656.0/3

Right Out: 233.421+/-0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

Left In: 287.211+/-0.000 χ^2/NDF : 94987807939330708211131136669122560.0/1

dit_sam5_coil7_Ndata_mean vs Slug



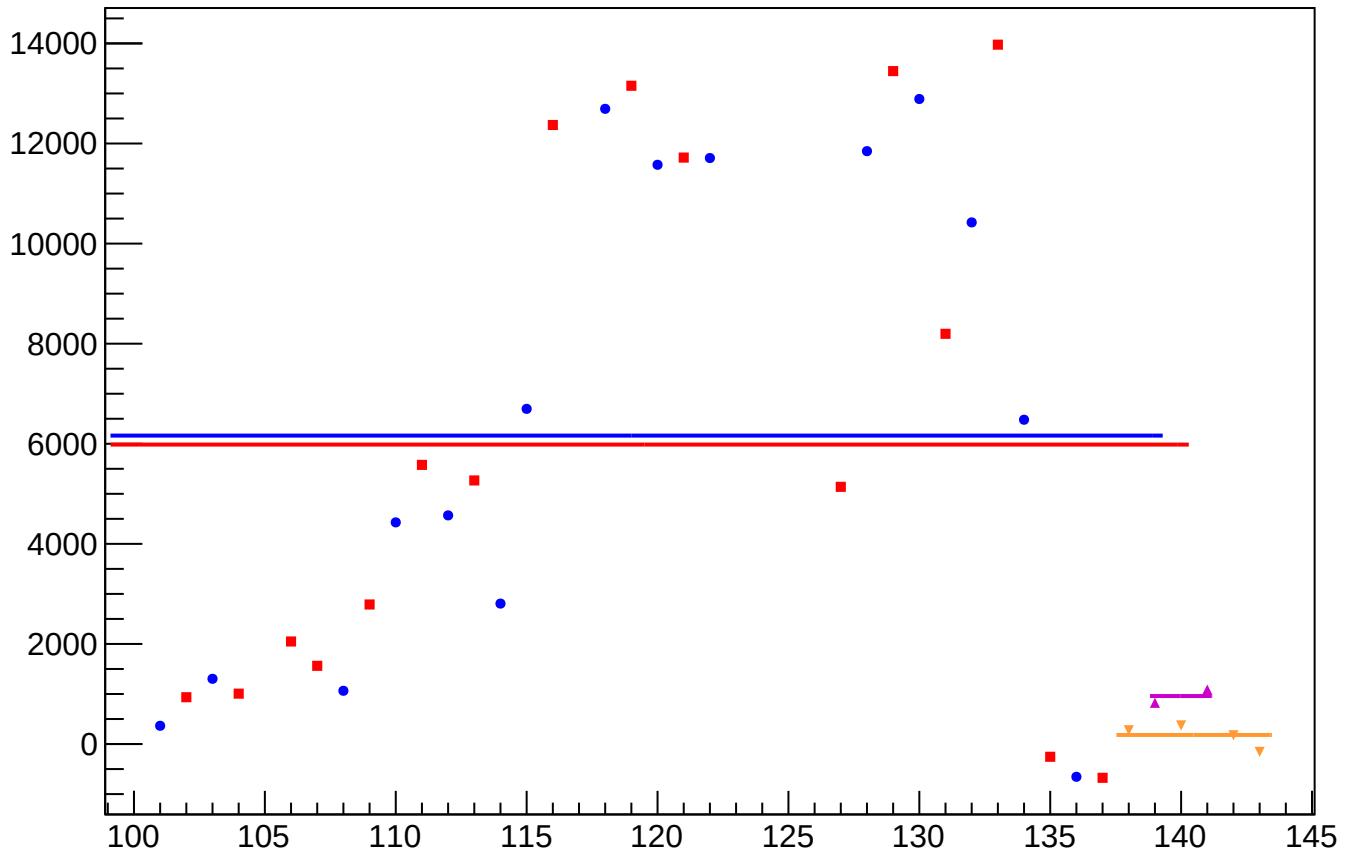
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

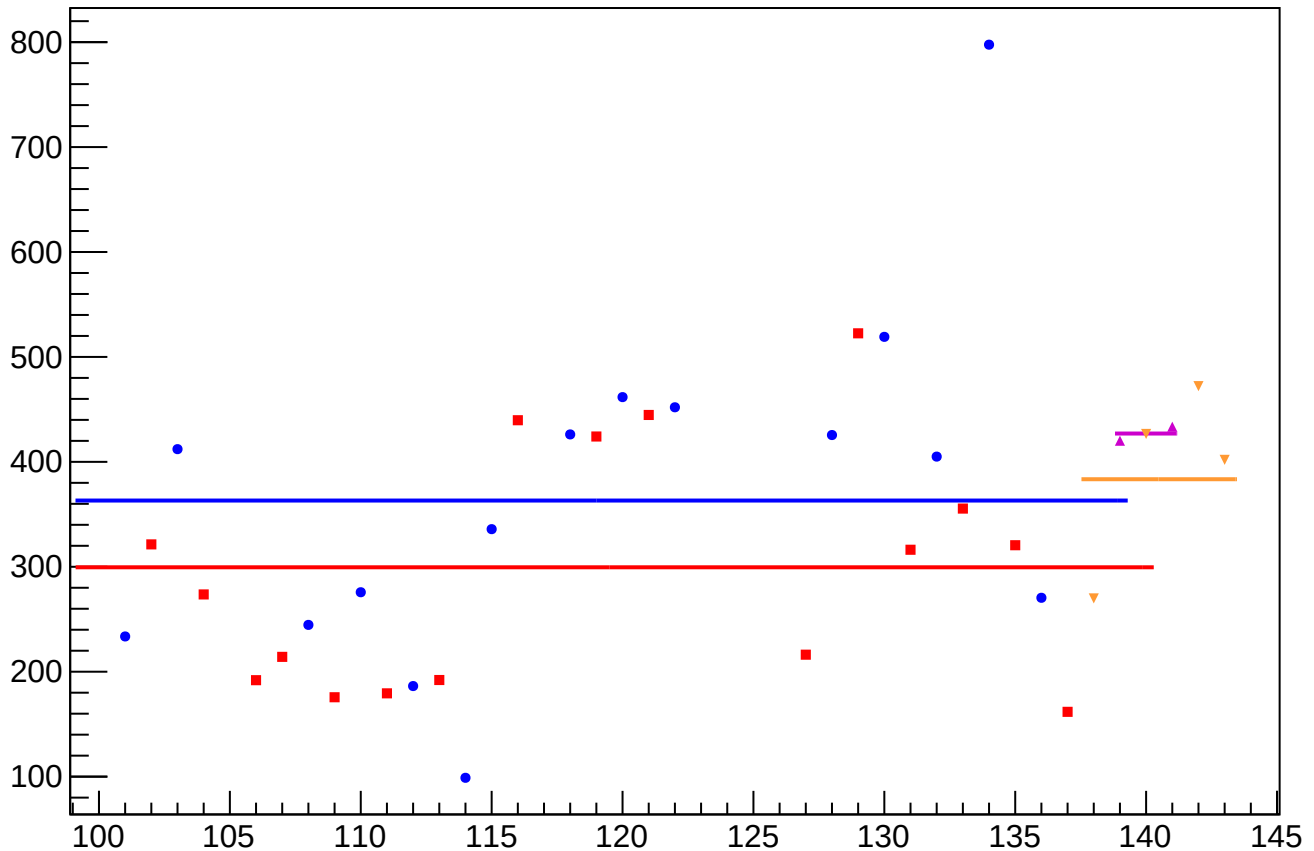
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 181.808+/-0.000 χ^2/NDF : 11319414114209206968075402706367283200.0/3
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 959.262+/-0.000 χ^2/NDF : 2894734667239946207910675254662397952.0/1

dit_sam6_coil7_err_mean vs Slug



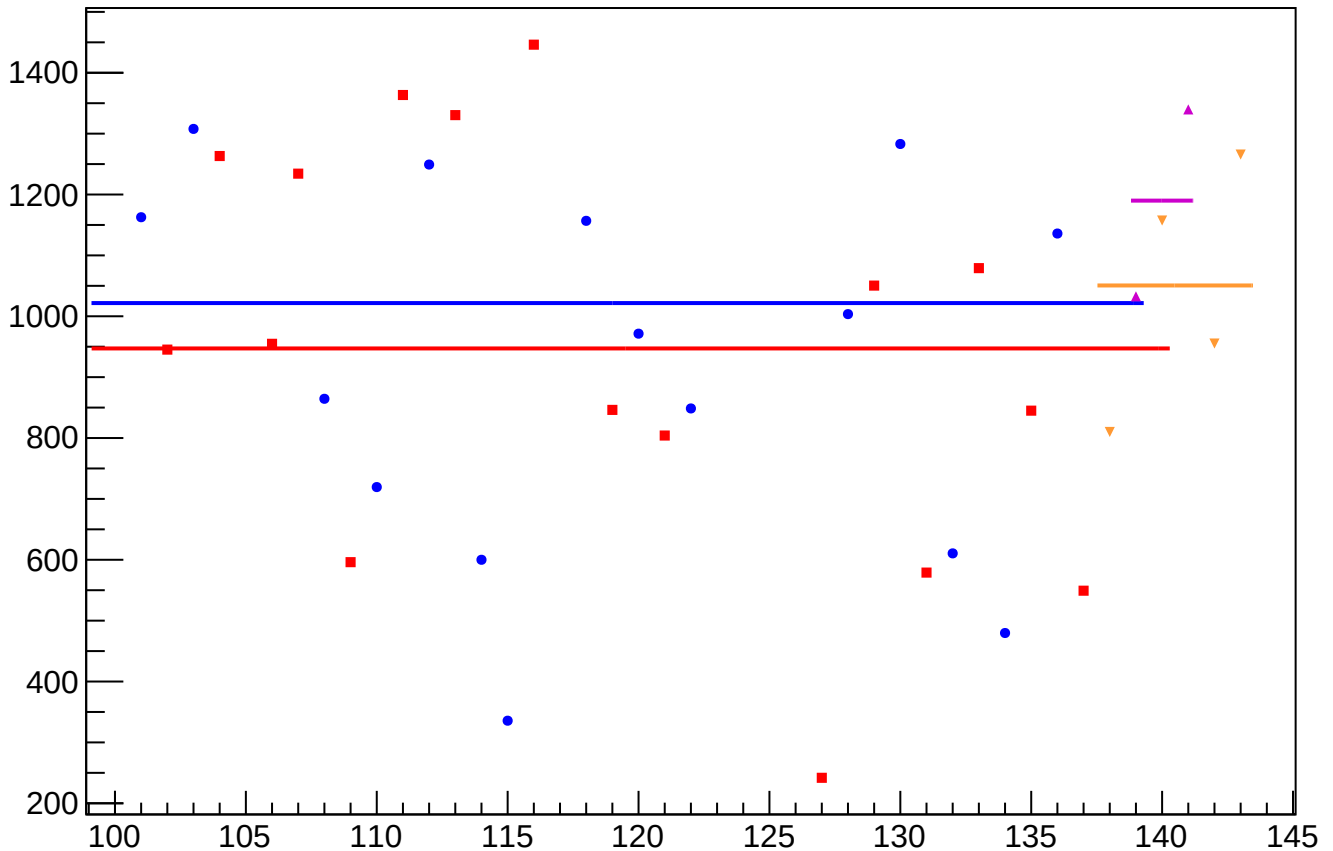
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 383.440+/-0.000 χ^2/NDF : 1543868159299205870929864799259983872.0/3

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 426.990+/-0.000 χ^2/NDF : 7391630109981506573721365458714624.0/1

dit_sam6_coil7_Ndata_mean vs Slug



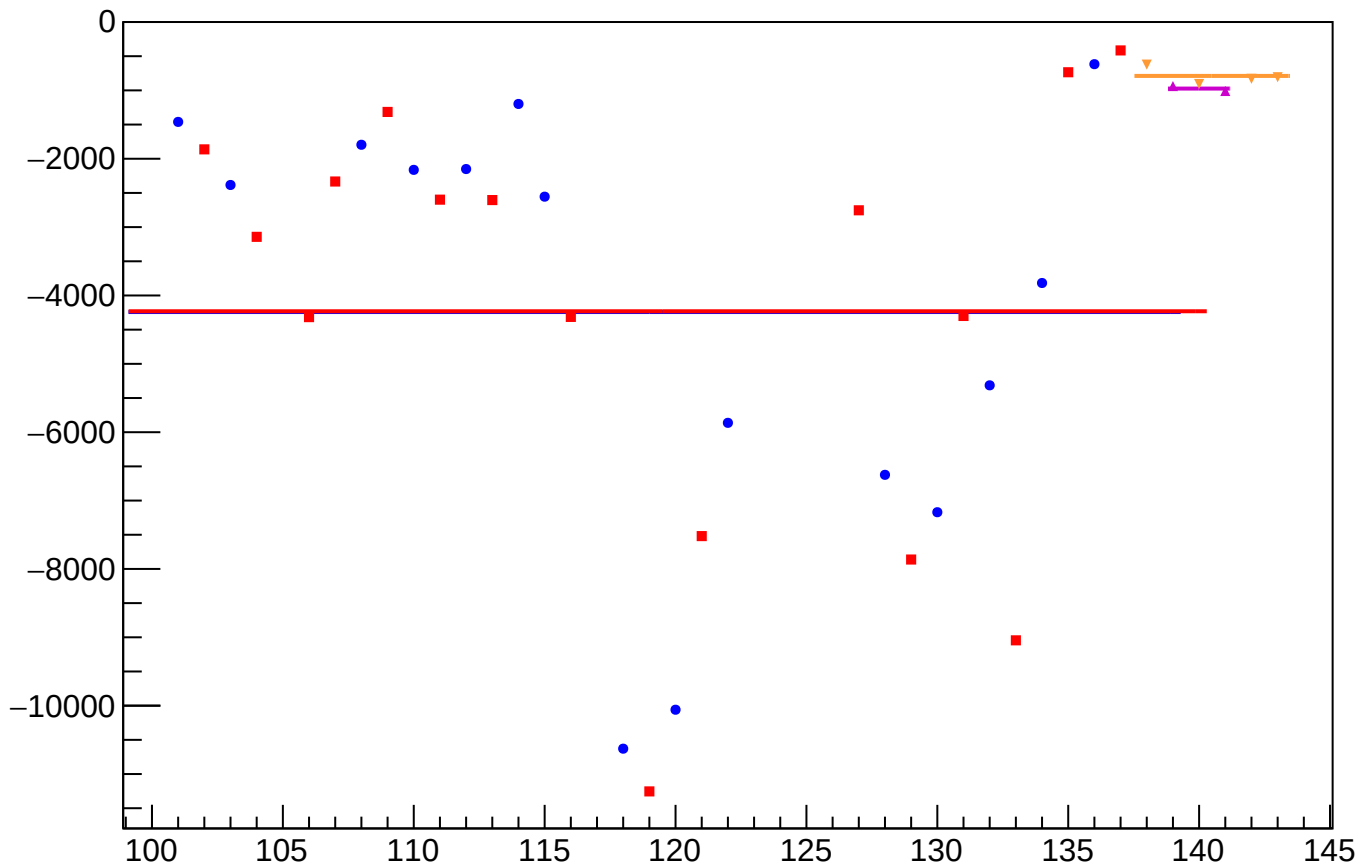
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

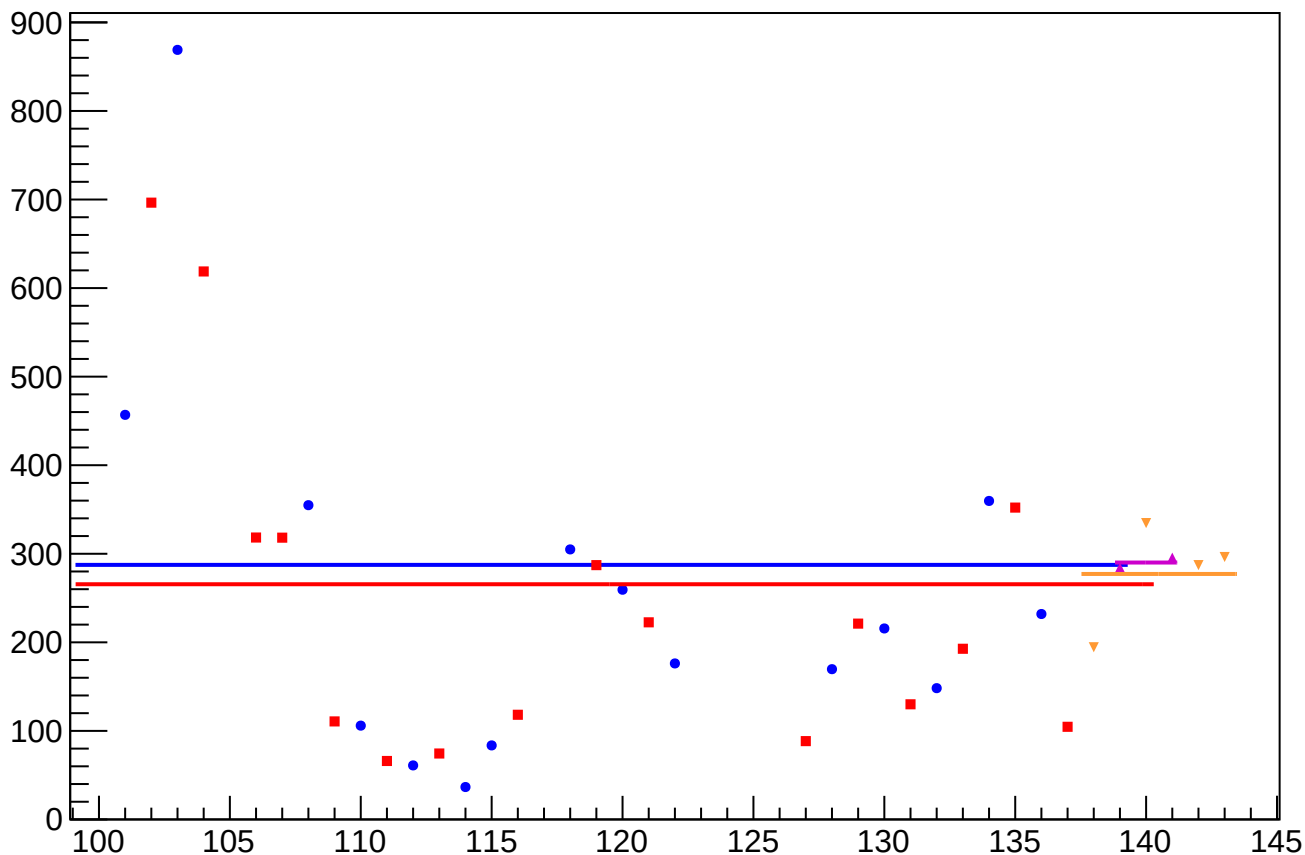
Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -788.389+/-0.000 χ^2/NDF : 3372009077396461000089785926349225984.0/3
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -973.608+/-0.000 χ^2/NDF : 215220494569541865478951011981721600.0/1

dit_sam7_coil7_err_mean vs Slug



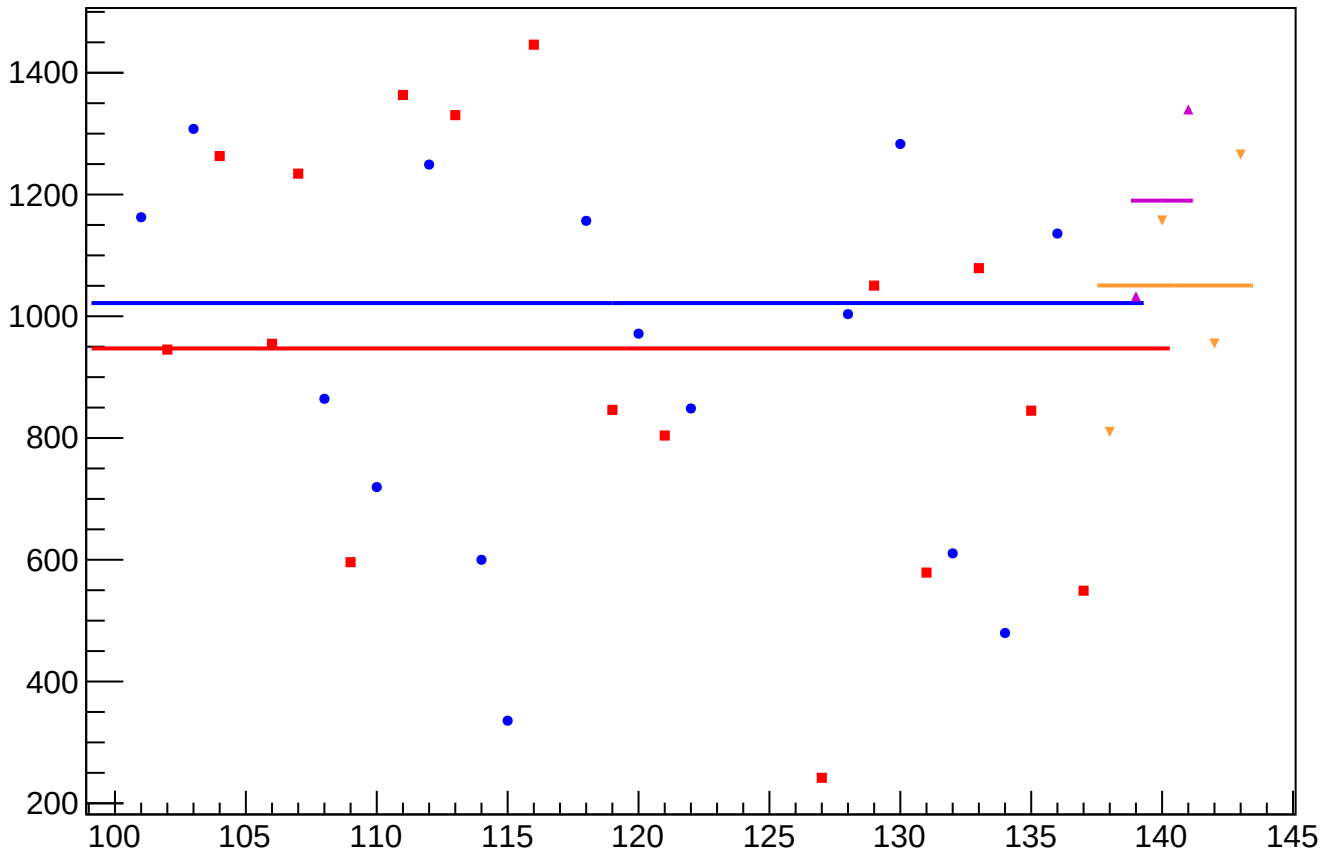
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 277.204+/-0.000 χ^2/NDF : 834123516076476753668580269667385344.0/3

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: 290.106+/-0.000 χ^2/NDF : 5331281985835167149003800531959808.0/1

dit_sam7_coil7_Ndata_mean vs Slug



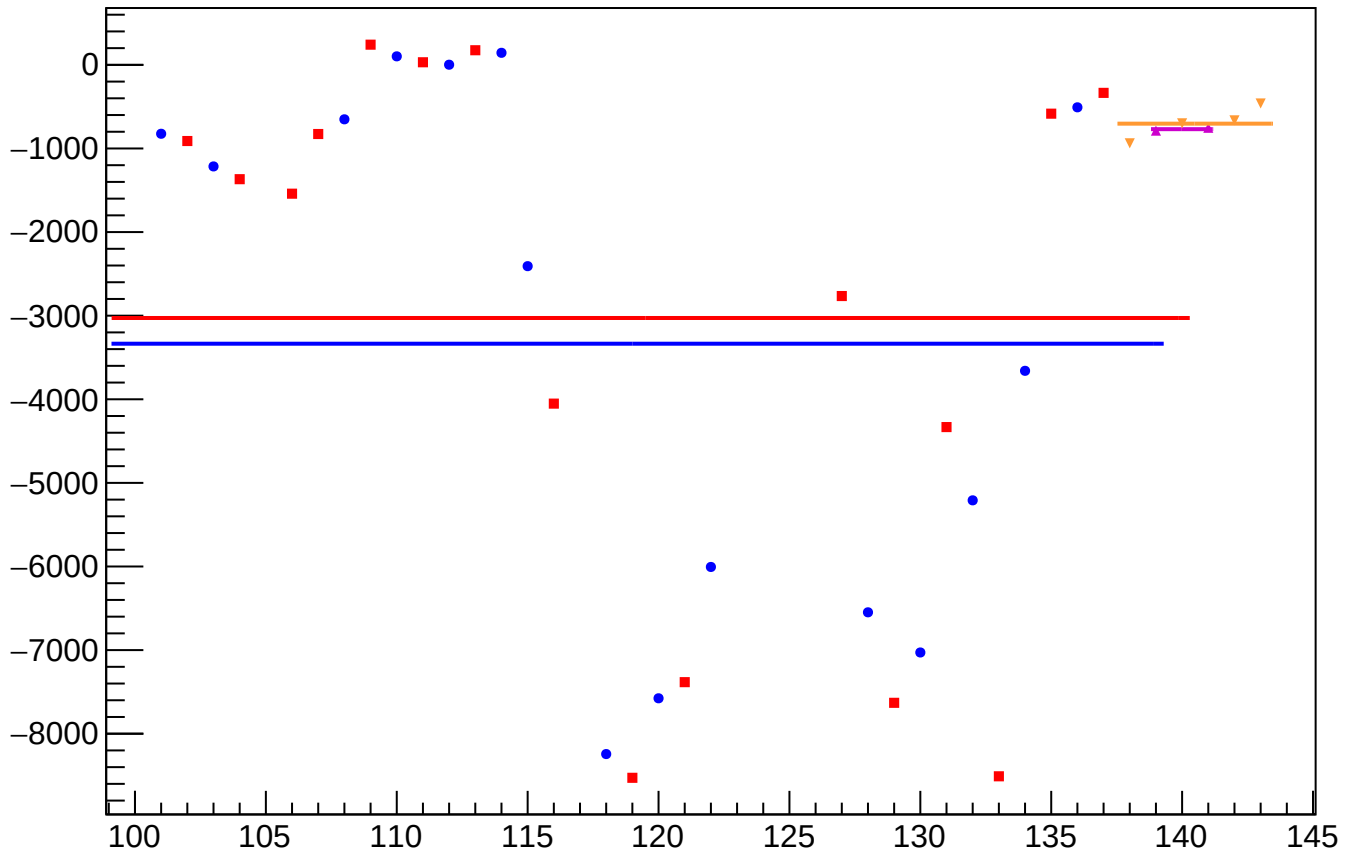
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam8_coil7_mean vs Slug



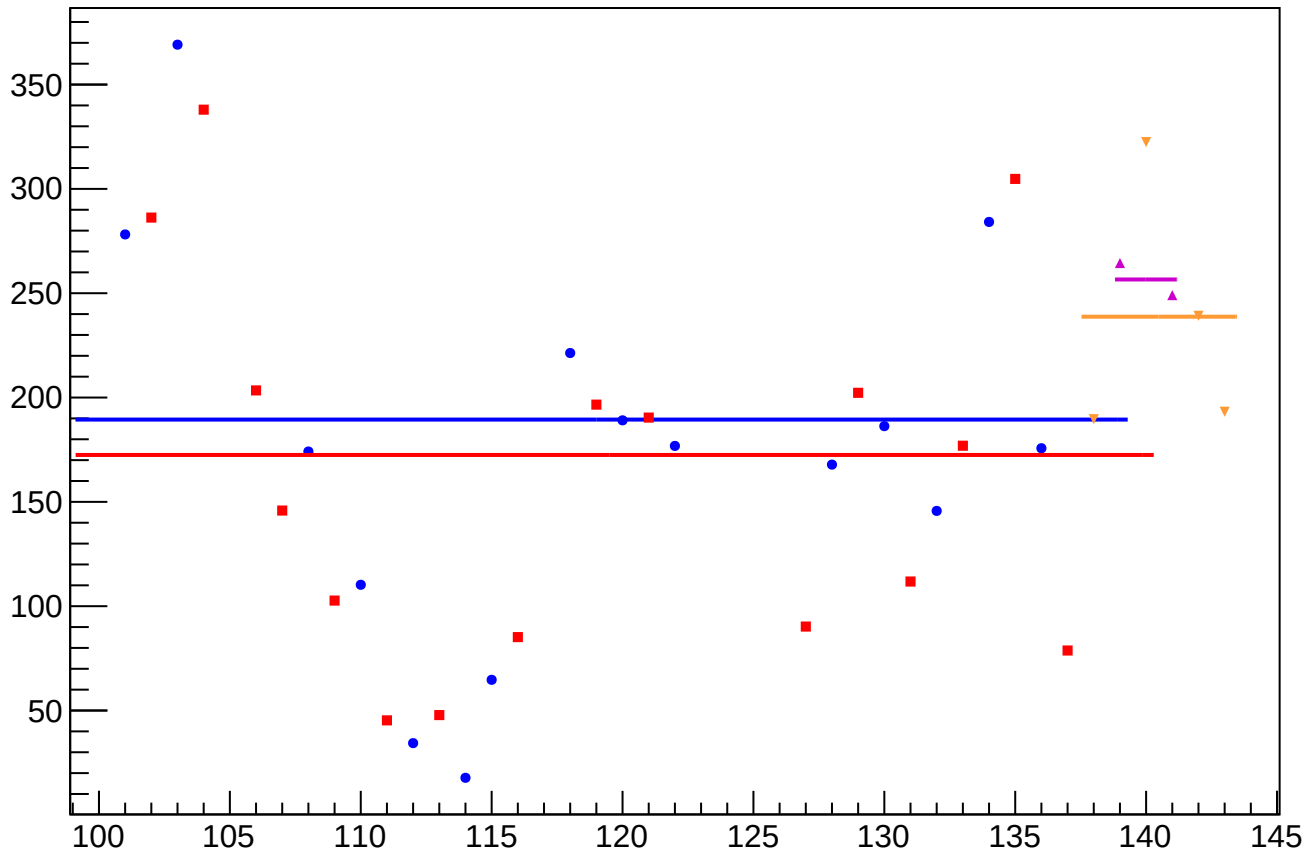
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14

Left Out: -703.250+/-0.000 χ^2/NDF : 8289077226498809202445158903931994112.0/3

Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

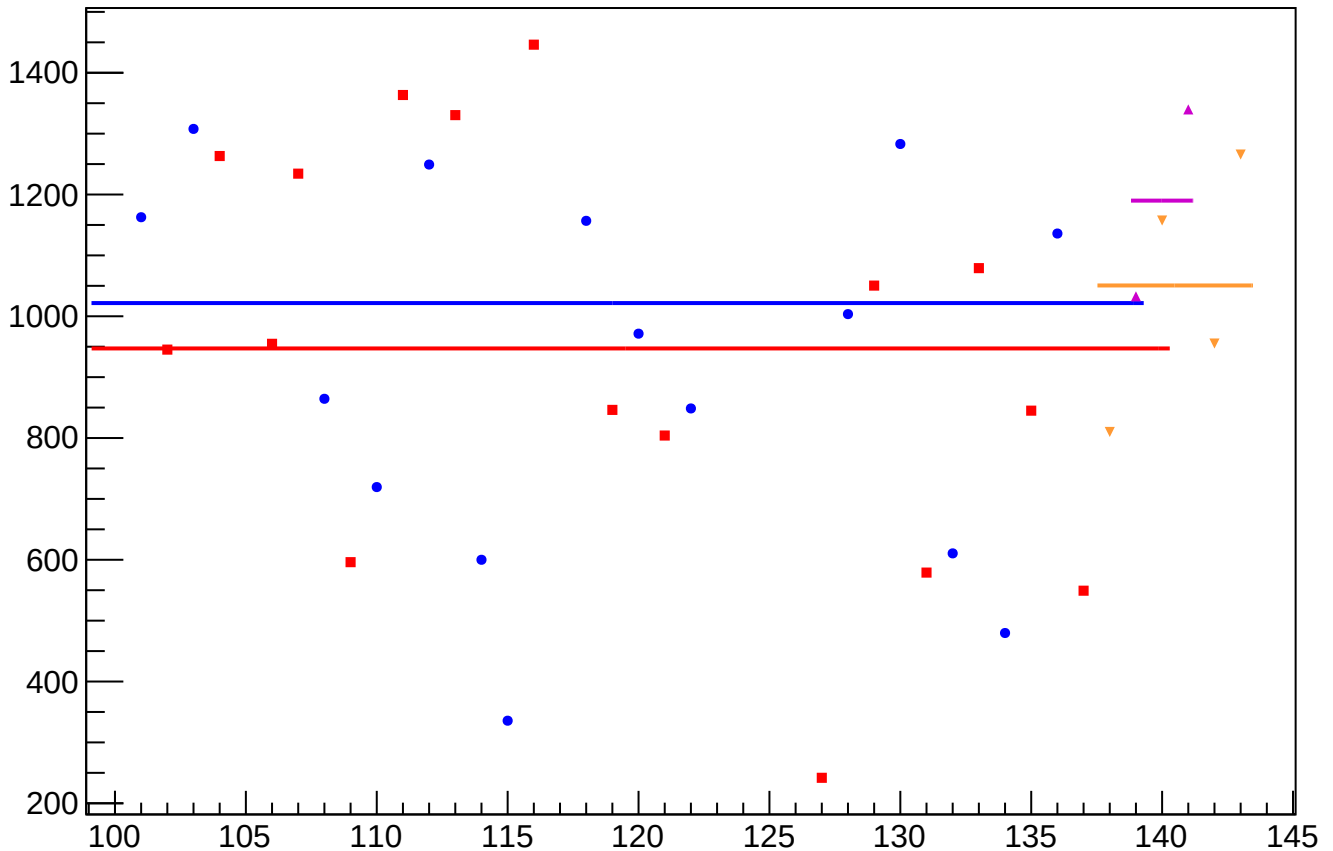
Left In: -769.120+/-0.000 χ^2/NDF : 49139704609512999136719098829864960.0/1

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000	χ^2/NDF : 4707234253929700721726064108794544128.0/14
Left Out: 238.744+/-0.000	χ^2/NDF : 901240808562723070558777679563194368.0/3
Right Out: 172.485+/-0.000	χ^2/NDF : 5594813408996728261938711470404534272.0/15
Left In: 256.590+/-0.000	χ^2/NDF : 9824617941097729997139205452464128.0/1

dit_sam8_coil7_Ndata_mean vs Slug



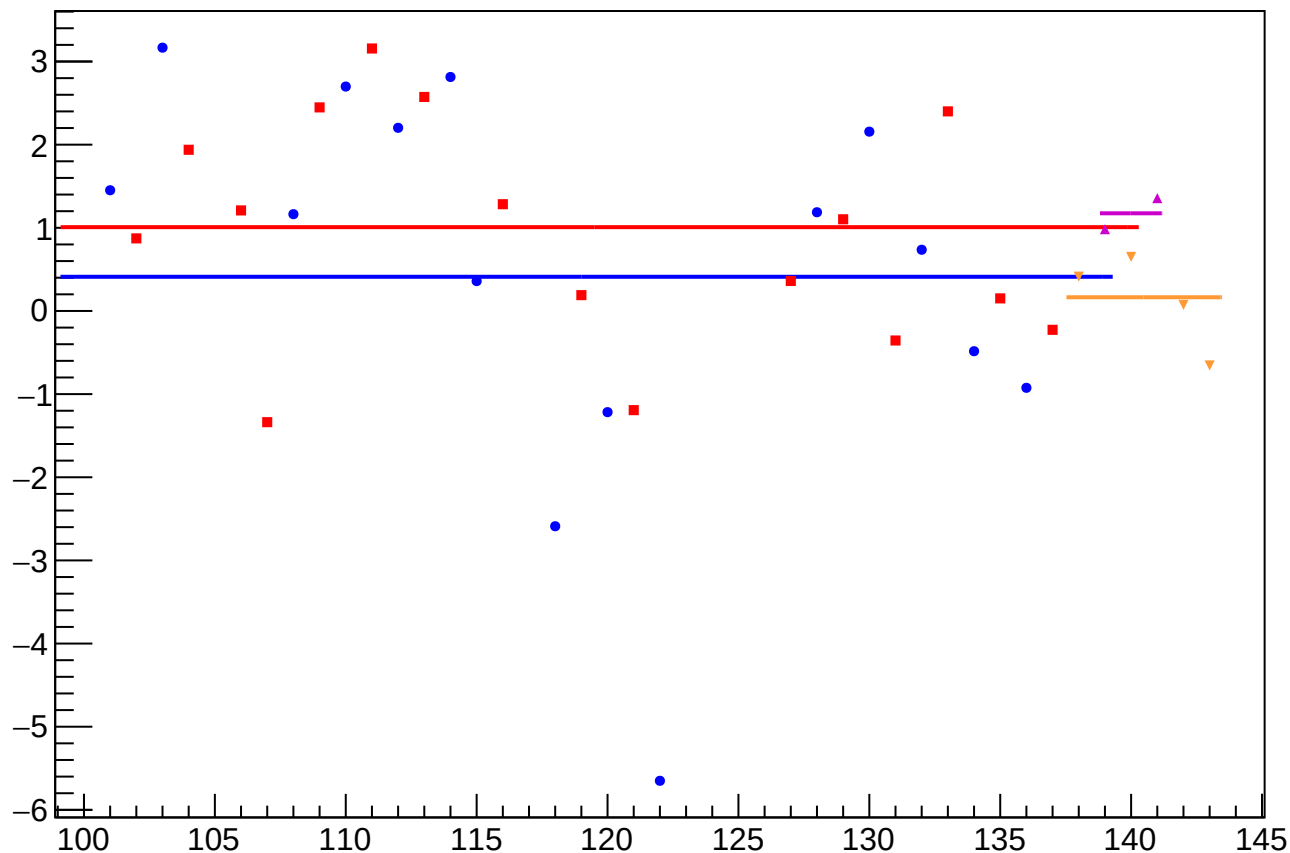
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4aX_coil4_mean vs Slug



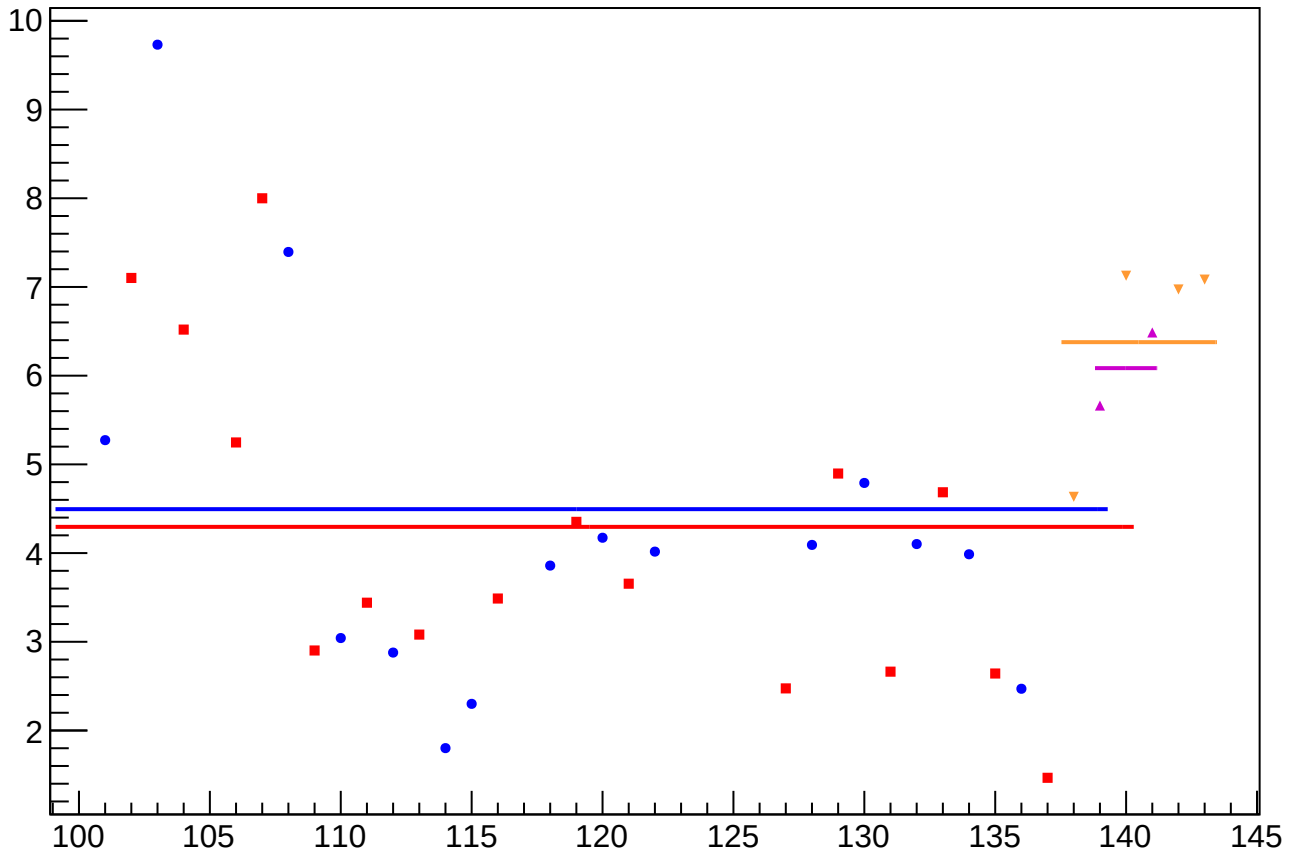
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14

Left Out: 0.165+/-0.000 χ^2/NDF : 69568702239209849773727816876032.0/3

Right Out: 1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15

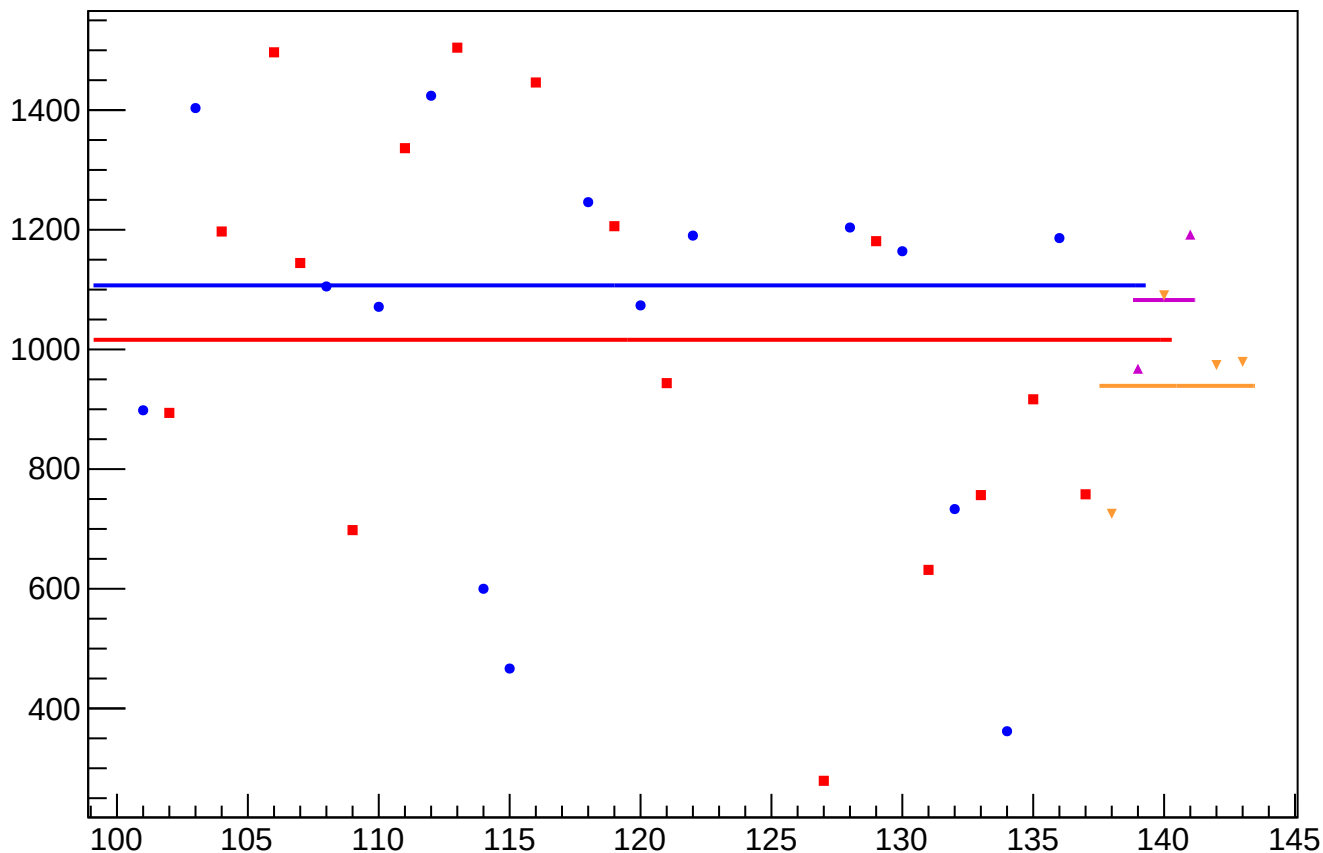
Left In: 1.175+/-0.000 χ^2/NDF : 5784167774350831410029357170688.0/1

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000	χ^2/NDF : 2742240072441097531500728791597056.0/14
Left Out: 6.378+/-0.000	χ^2/NDF : 332651436845874796571038069030912.0/3
Right Out: 4.296+/-0.000	χ^2/NDF : 2011925707062051890381007475441664.0/15
Left In: 6.085+/-0.000	χ^2/NDF : 28165244022886876724027180711936.0/1

dit_4aX_coil4_Ndata_mean vs Slug



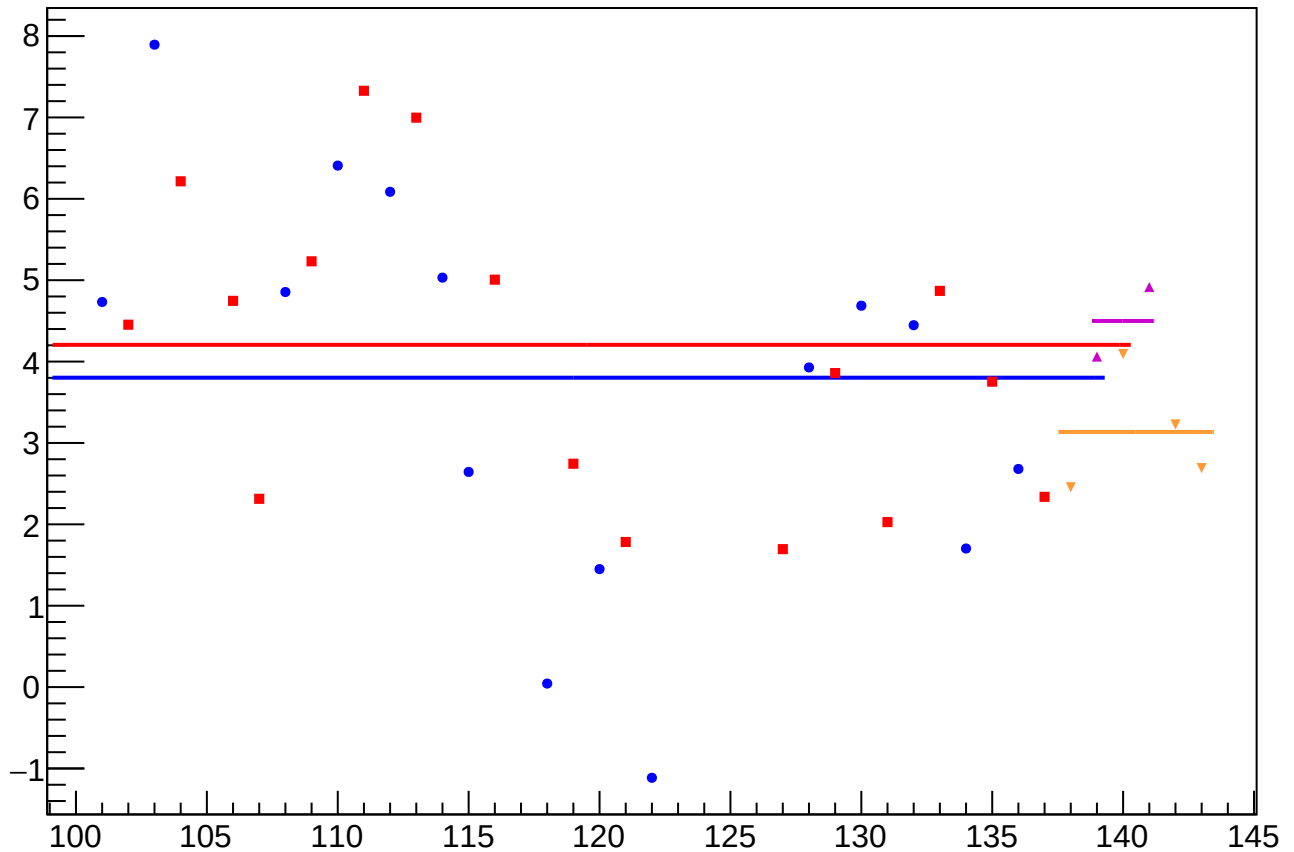
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4eX_coil4_mean vs Slug



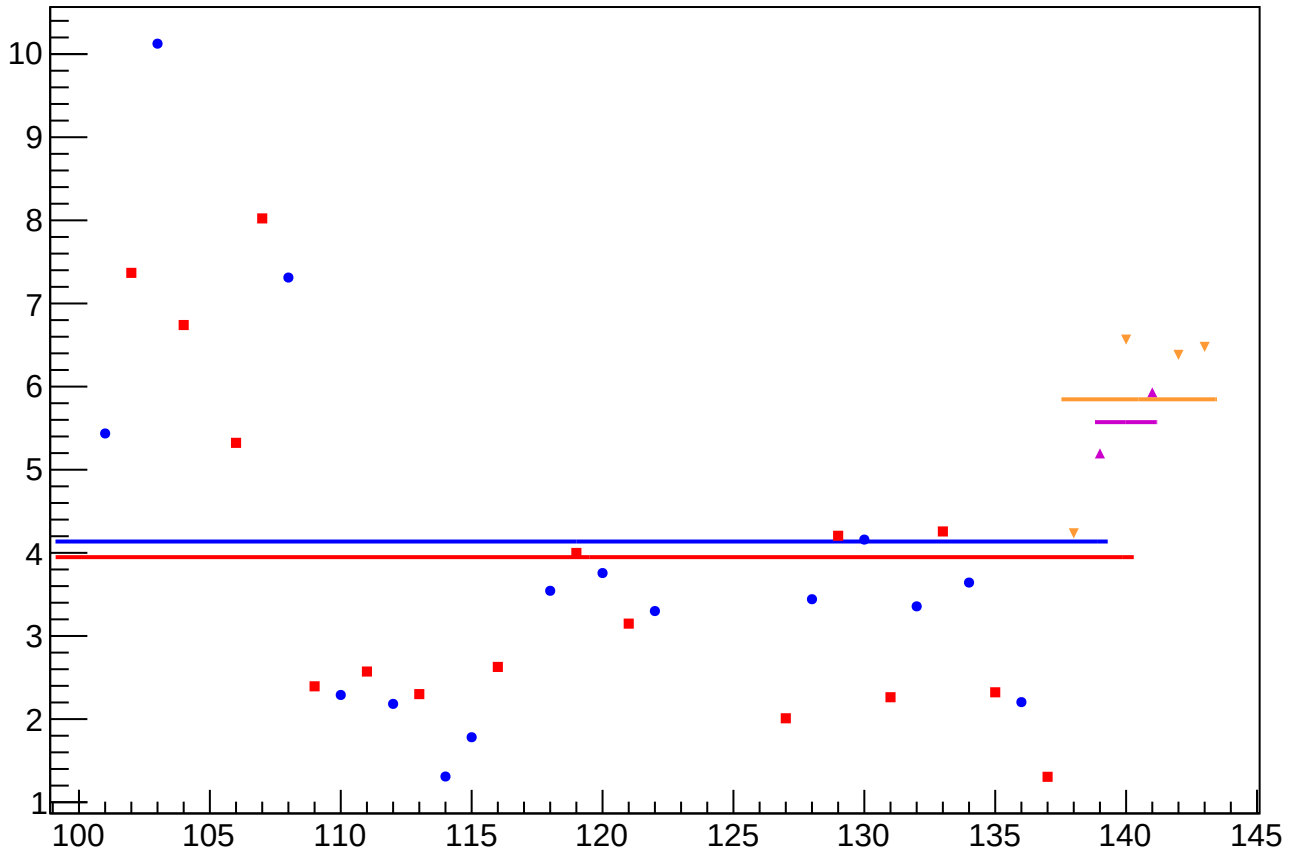
Right In: 3.802 $\pm$ 0.000 χ^2 /NDF: 3795476074398338930564700657680384.0/14

Left Out: 3.136 $\pm$ 0.000 χ^2 /NDF: 124854063943682639144345894125568.0/3

Right Out: 4.206 $\pm$ 0.000 χ^2 /NDF: 2096427813341454573332265183477760.0/15

Left In: 4.499 $\pm$ 0.000 χ^2 /NDF: 30266063171469161186735800975360.0/1

dit_4eX_coil4_err_mean vs Slug



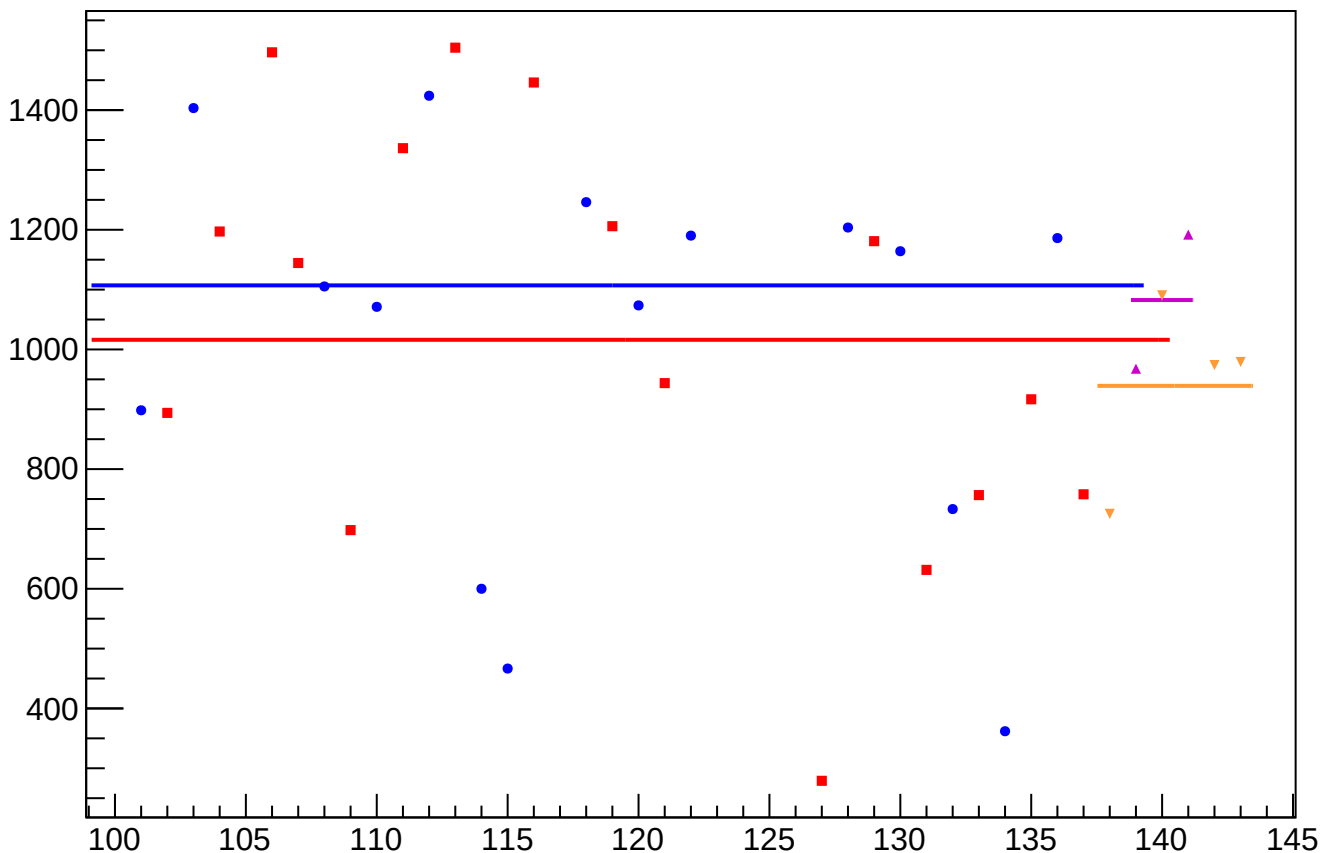
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14

Left Out: 5.847+/-0.000 χ^2/NDF : 284770727700676469718686940266496.0/3

Right Out: 3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15

Left In: 5.572+/-0.000 χ^2/NDF : 22354791984463452796402190516224.0/1

dit_4eX_coil4_Ndata_mean vs Slug



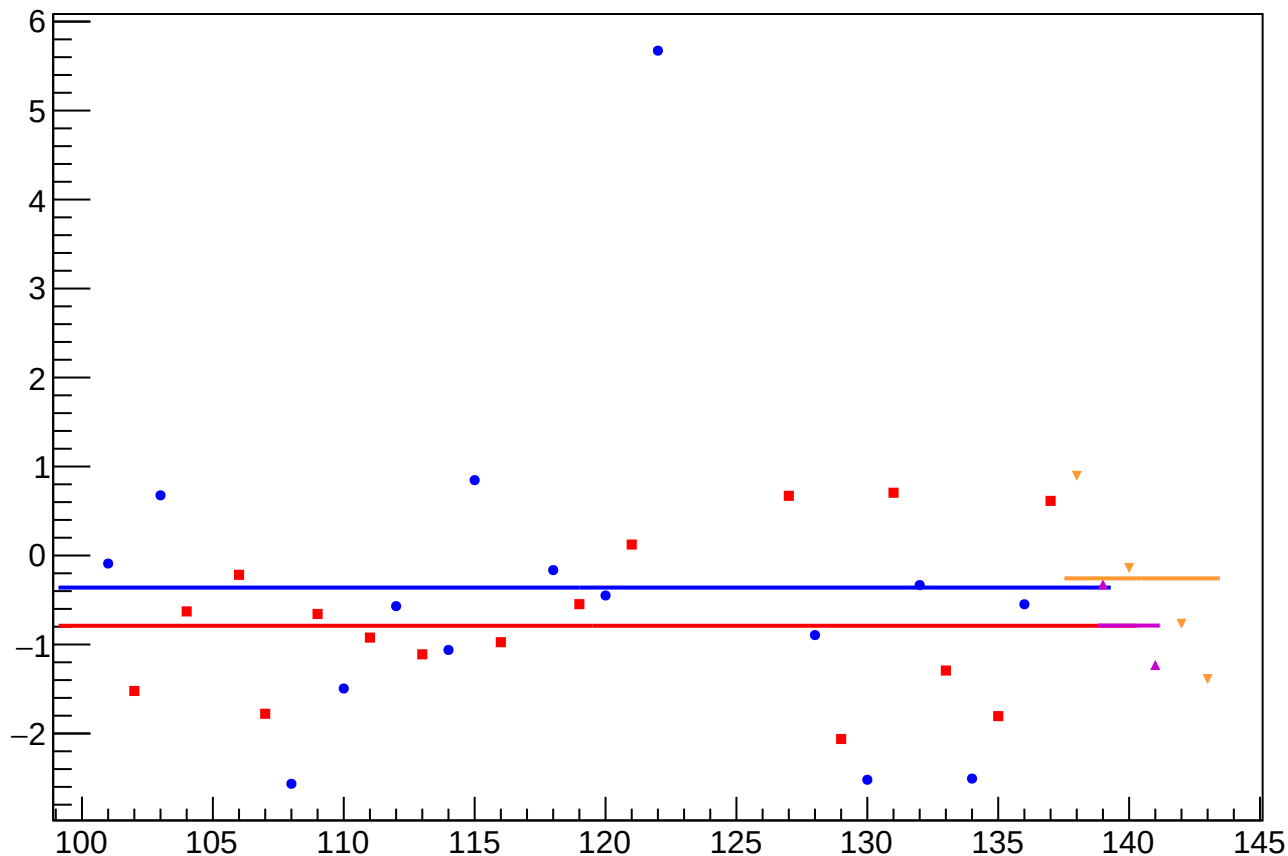
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_11X12X_coil4_mean vs Slug



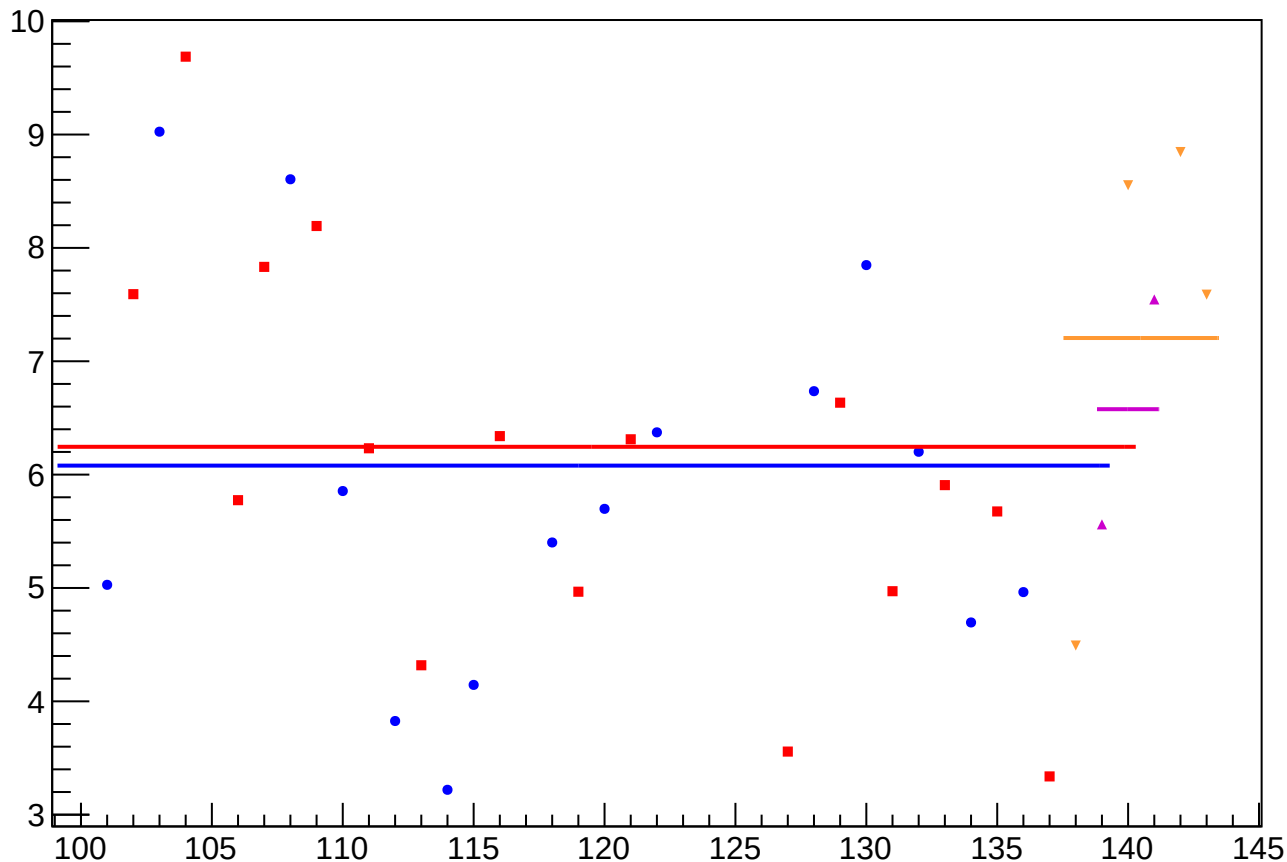
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.257 ± 0.000 χ^2/NDF : 202420570215638634254636511395840.0/3

Right Out: -0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: -0.787 ± 0.000 χ^2/NDF : 34100433287094279445688463917056.0/1

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.205+/-0.000 χ^2/NDF : 856539831613280073836409479233536.0/3

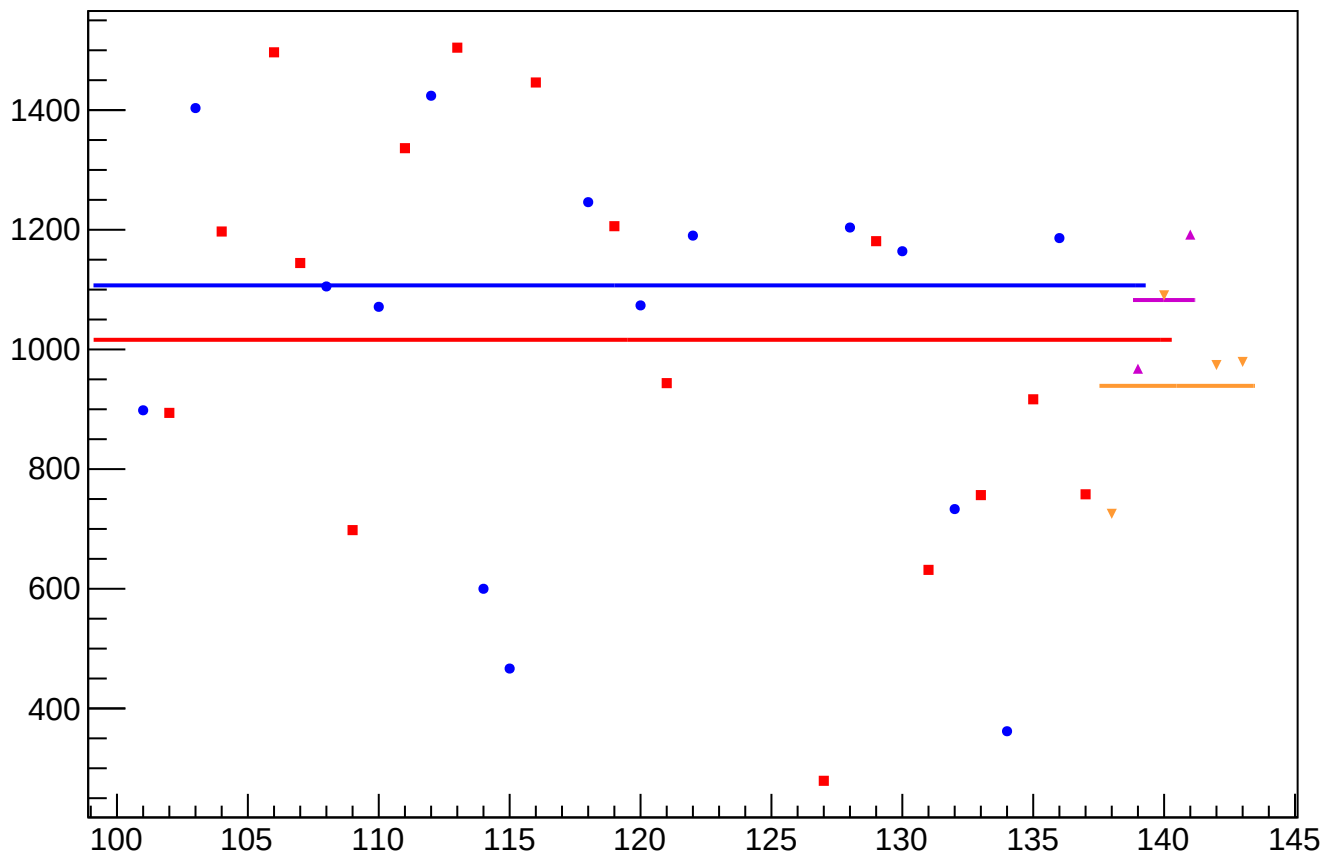
Right Out: 6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

Left In: 6.577+/-0.000 χ^2/NDF : 163306960573870160974558311481344.0/1

6.413+/-0.000 χ^2/NDF : 2690317996149946777

6.311+/-0.000 χ^2/NDF : 1994465588760081409

dit_11X12X_coil4_Ndata_mean vs Slug



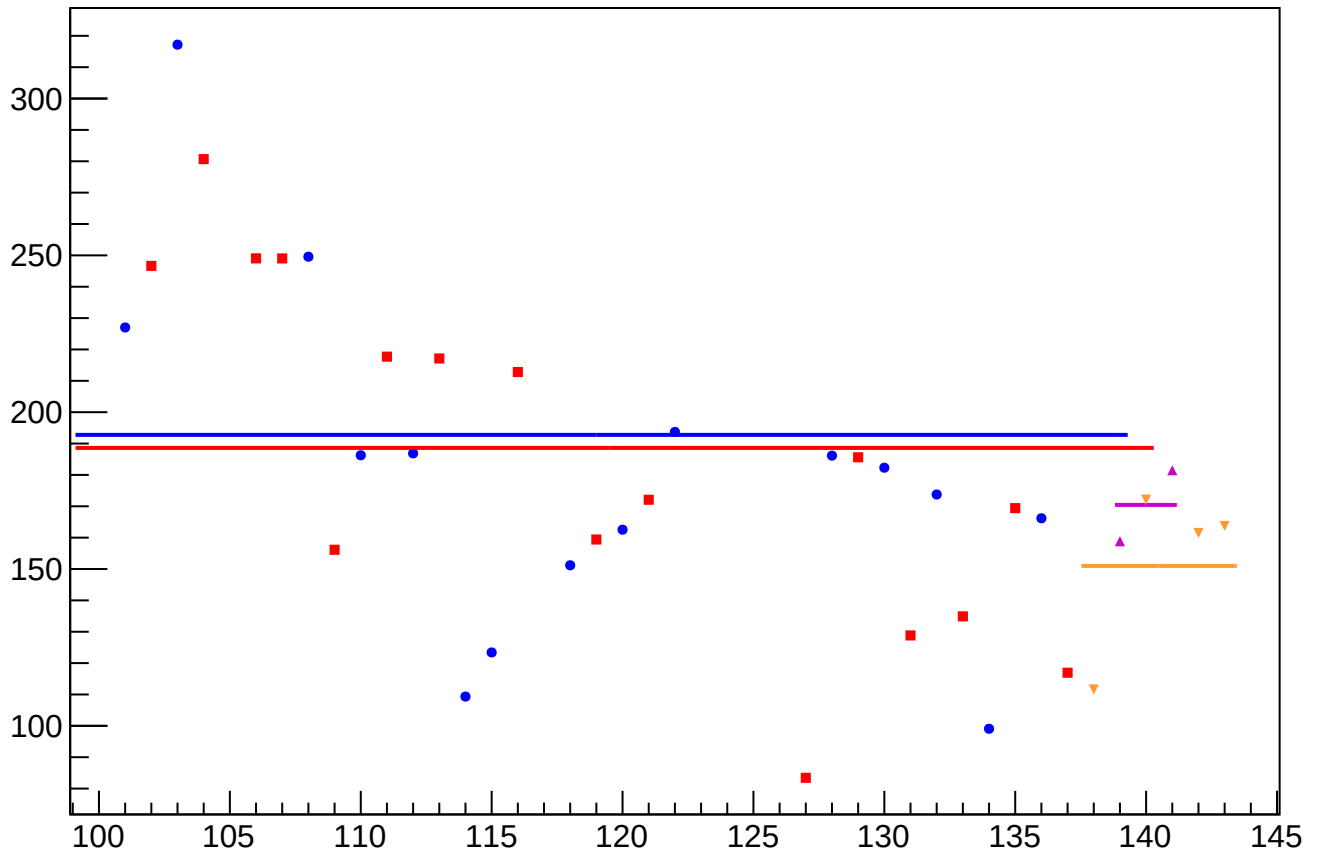
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 150.989+/-0.000 χ^2/NDF : 173595742651217062142186361836273664.0/3

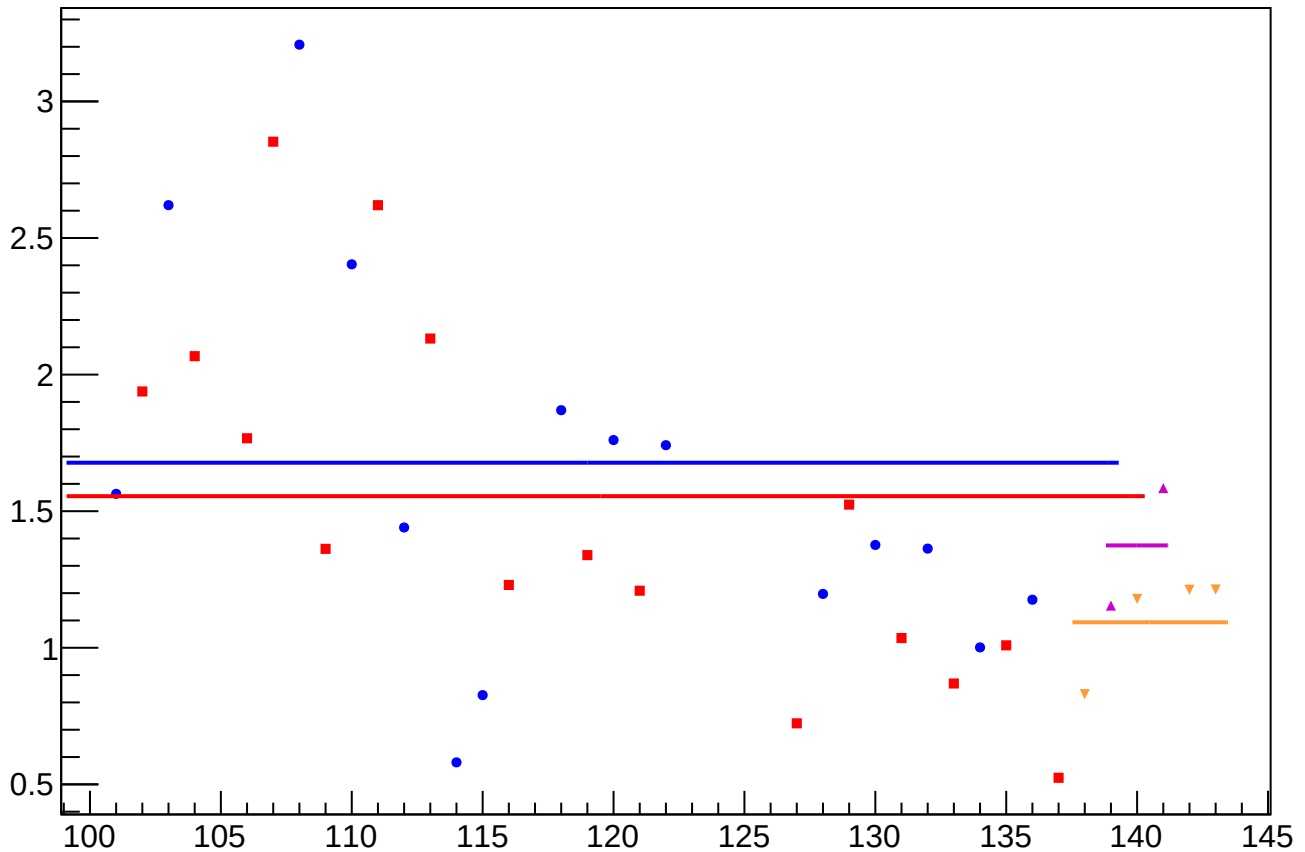
Right Out: 188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: 170.441+/-0.000 χ^2/NDF : 21269250888931229133718181891801088.0/1

180.399+/-0.000 χ^2/NDF : 21496448157382552

184.991+/-0.000 χ^2/NDF : 19875007278542104

dit_4aY_coil4_err_mean vs Slug



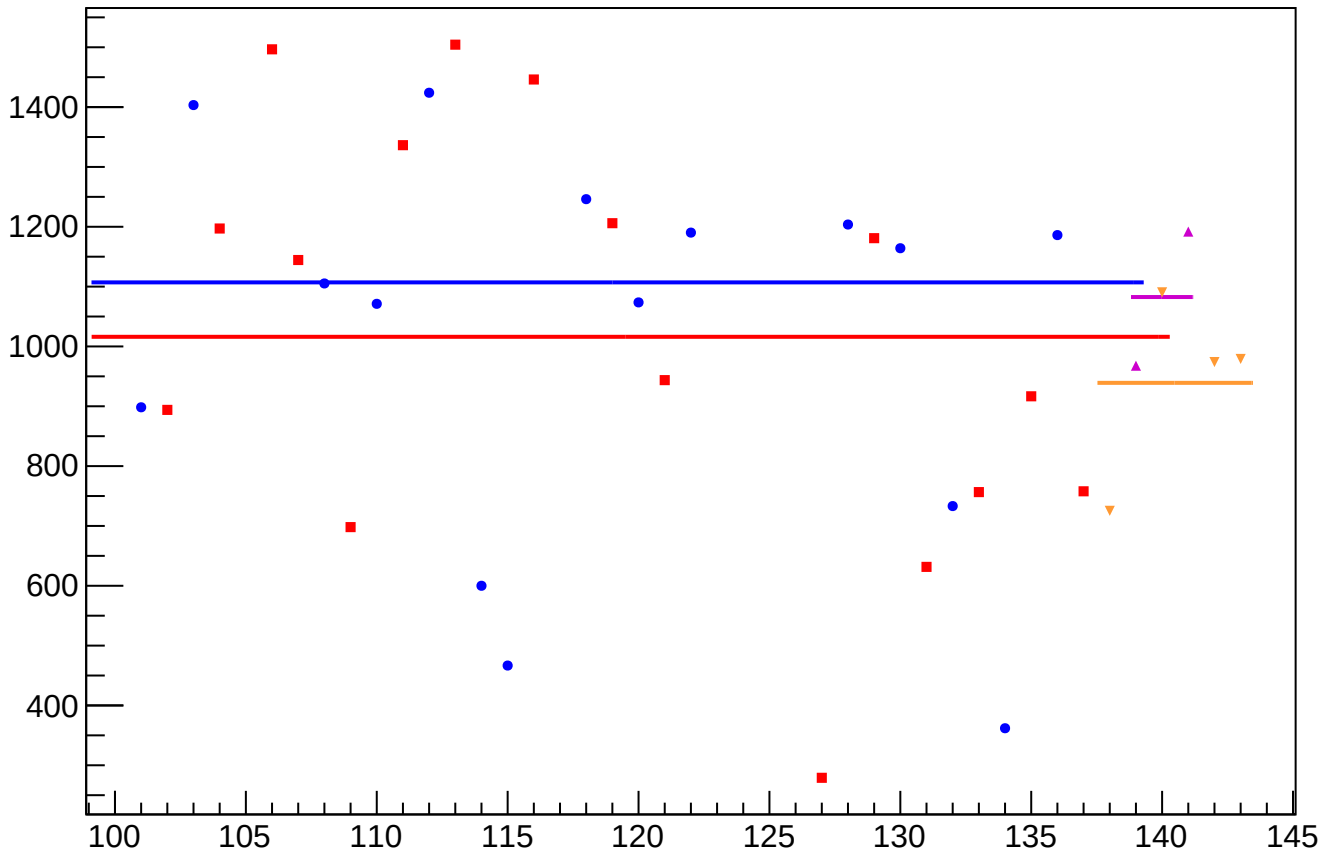
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.093 $\pm$ 0.000 χ^2 /NDF: 7614645253899258187712663912448.0/3

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.375 $\pm$ 0.000 χ^2 /NDF: 7674502016780507354813526179840.0/1

dit_4aY_coil4_Ndata_mean vs Slug



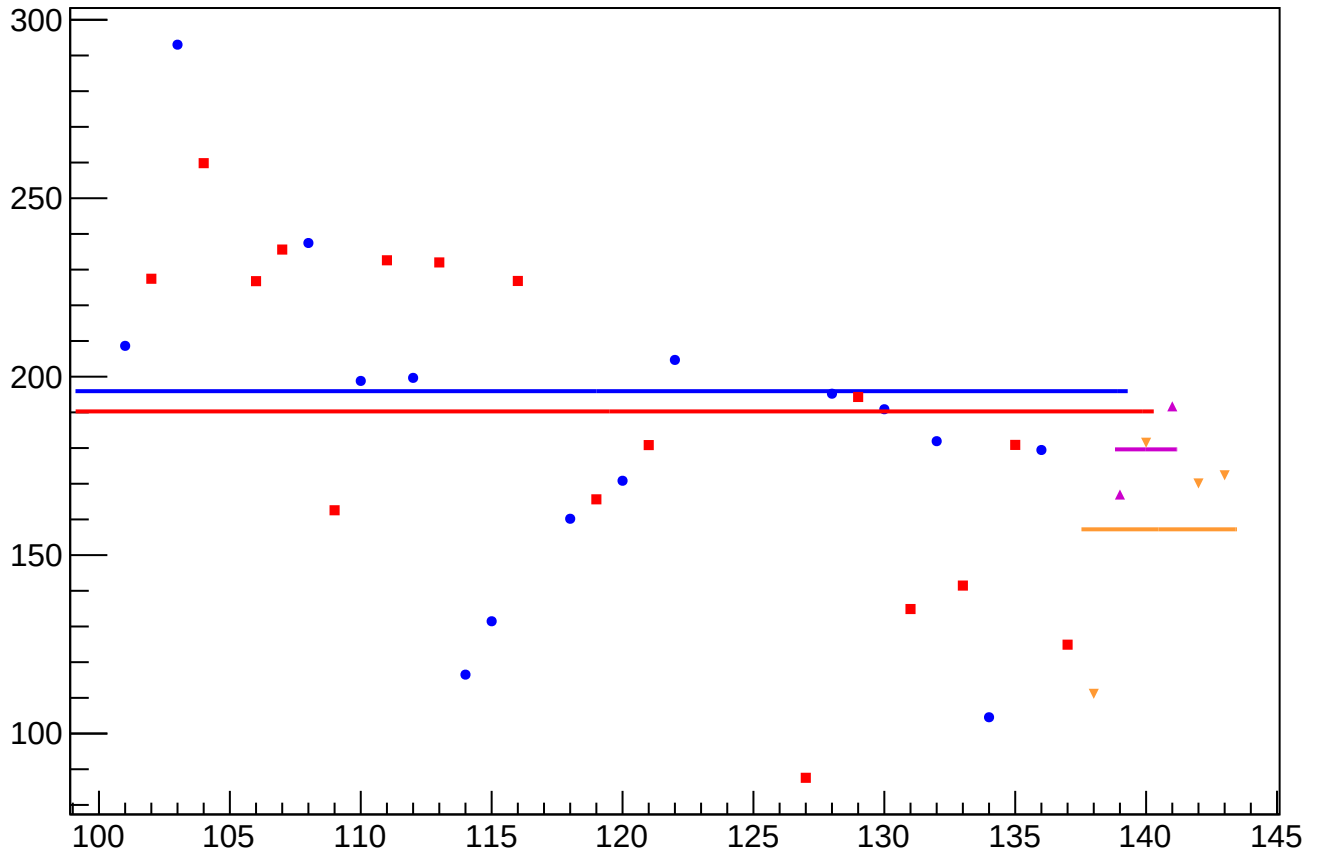
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

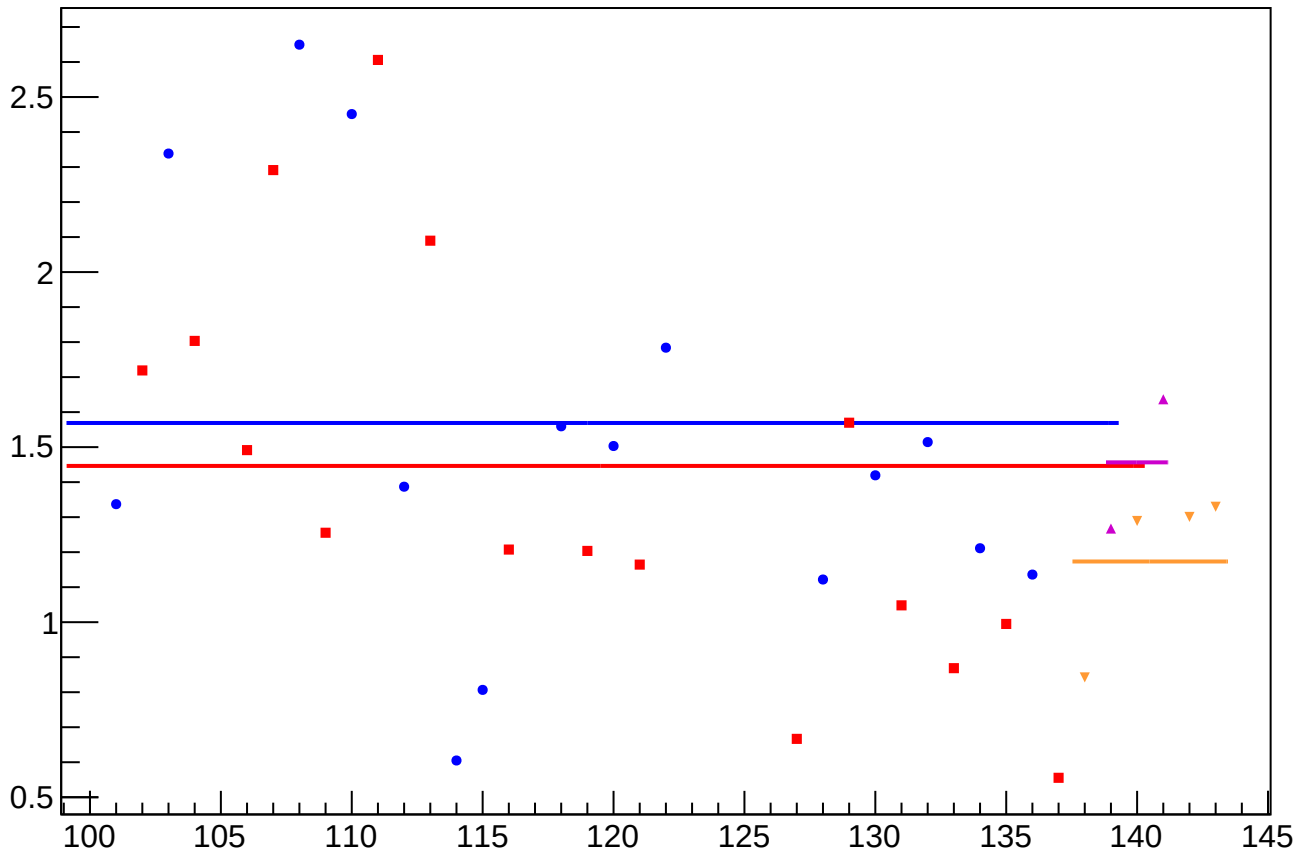
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14
 Left Out: 157.226 $\pm$ 0.000 χ^2 /NDF: 236967116488640067242739915846320128.0/3
 Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15
 Left In: 179.632 $\pm$ 0.000 χ^2 /NDF: 25318804149879436250997694117445632.0/1

dit_4eY_coil4_err_mean vs Slug



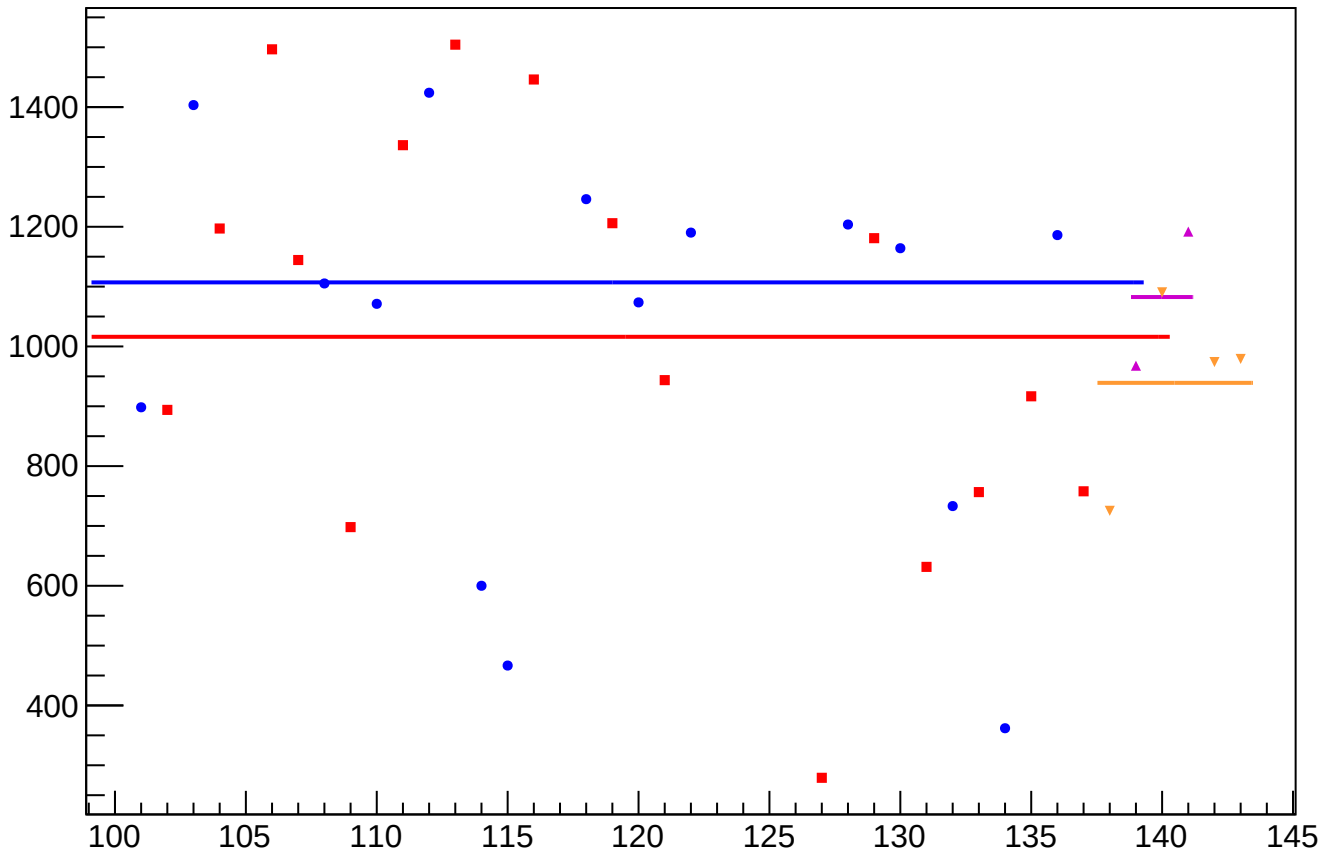
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.173+/-0.000 χ^2/NDF : 12032967383377170206819209969664.0/3

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

Left In: 1.457+/-0.000 χ^2/NDF : 5655312385778462718939092746240.0/1

dit_4eY_coil4_Ndata_mean vs Slug



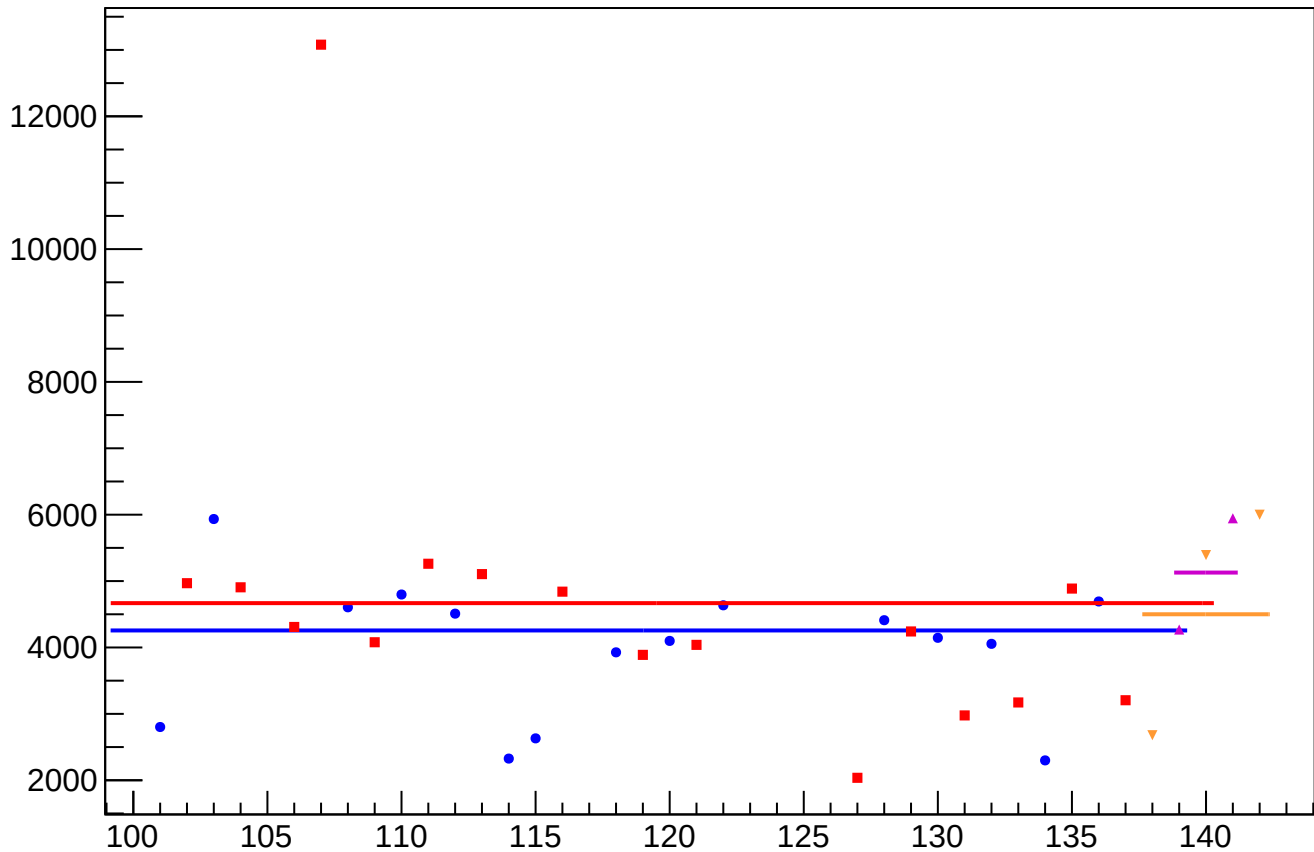
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

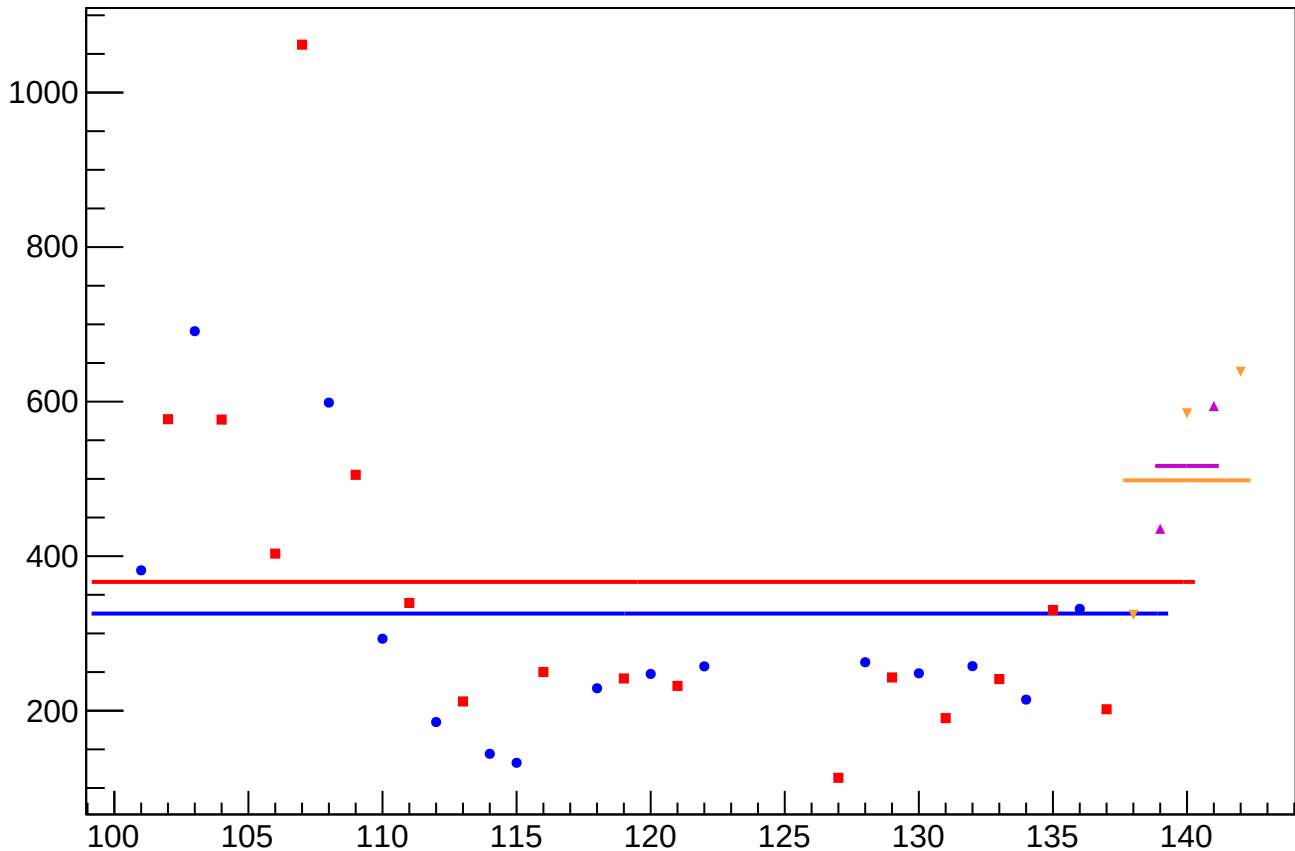
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_usl_coil4_mean vs Slug



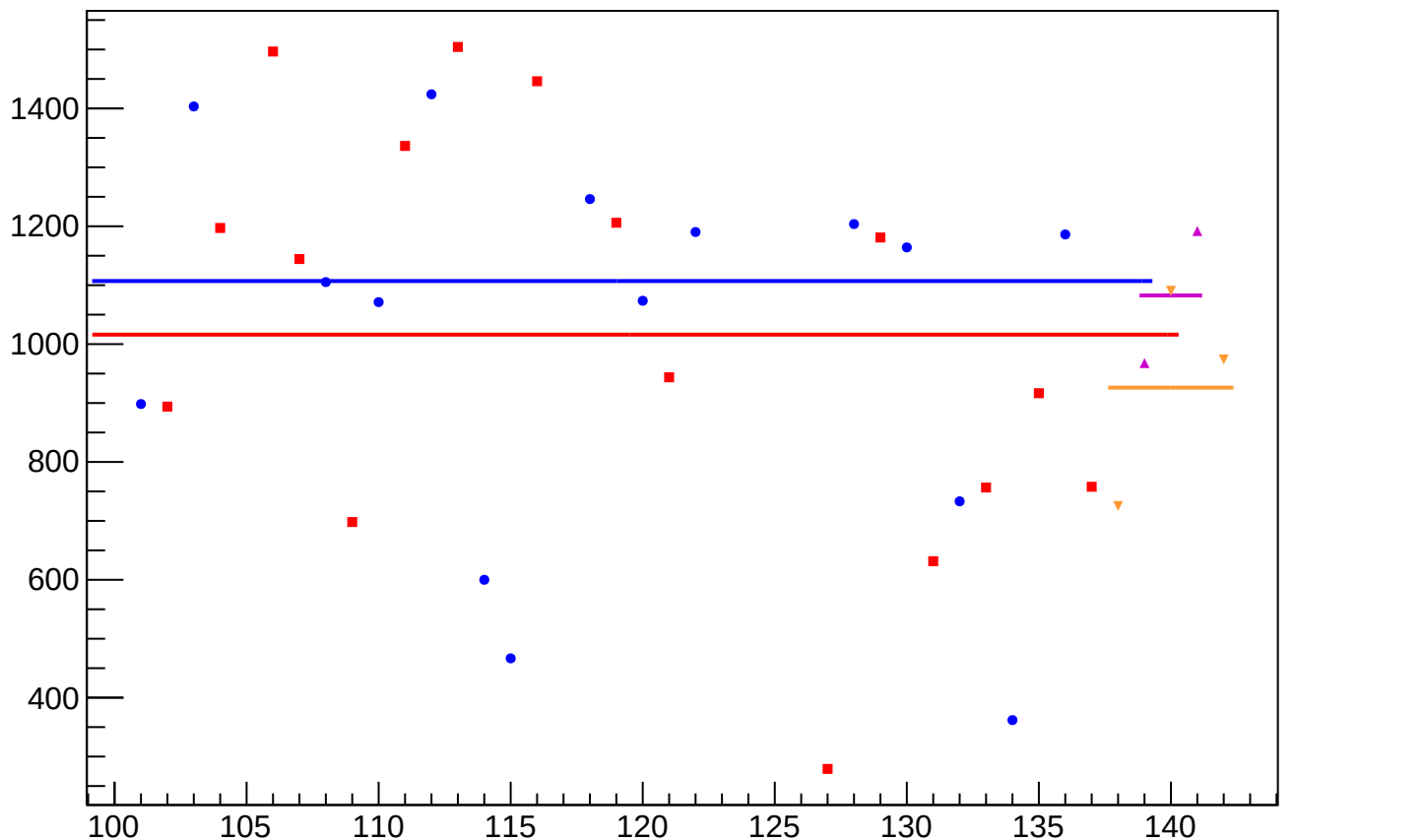
Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14
 Left Out: 4500.190+/-0.000 χ^2/NDF : 427475872101099487433708452323902095360.0/2
 Right Out: 4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15
 Left In: 5128.173+/-0.000 χ^2/NDF : 116455262901187690350771363870521950208.0/1

dit_usl_coil4_err_mean vs Slug



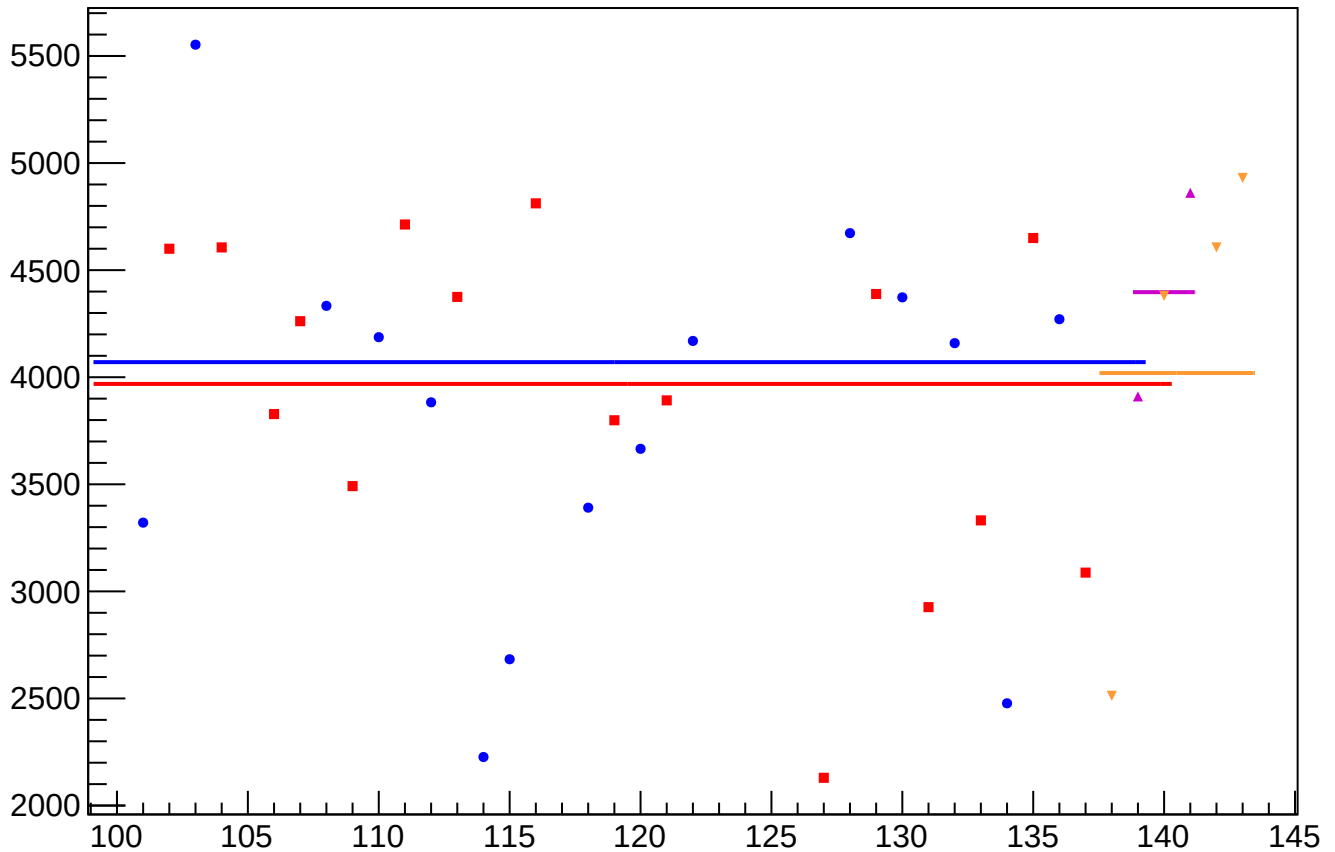
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14
 Left Out: 498.198+/-0.000 χ^2/NDF : 3885420750871427656084196852087390208.0/2
 Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 Left In: 516.805+/-0.000 χ^2/NDF : 1046623899429148695792299113600516096.0/1

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	1063.468+/-0.000	χ^2/NDF : 5121608479234149
Left Out: 926.155+/-0.000	χ^2/NDF : 5465331386958525681971732833592410112.0/2		
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	1029.353+/-0.000	χ^2/NDF : 7523841419841985
Left In: 1082.578+/-0.000	χ^2/NDF : 2083443553823124896501893118400921600.0/1		

dit_usr_coil4_mean vs Slug



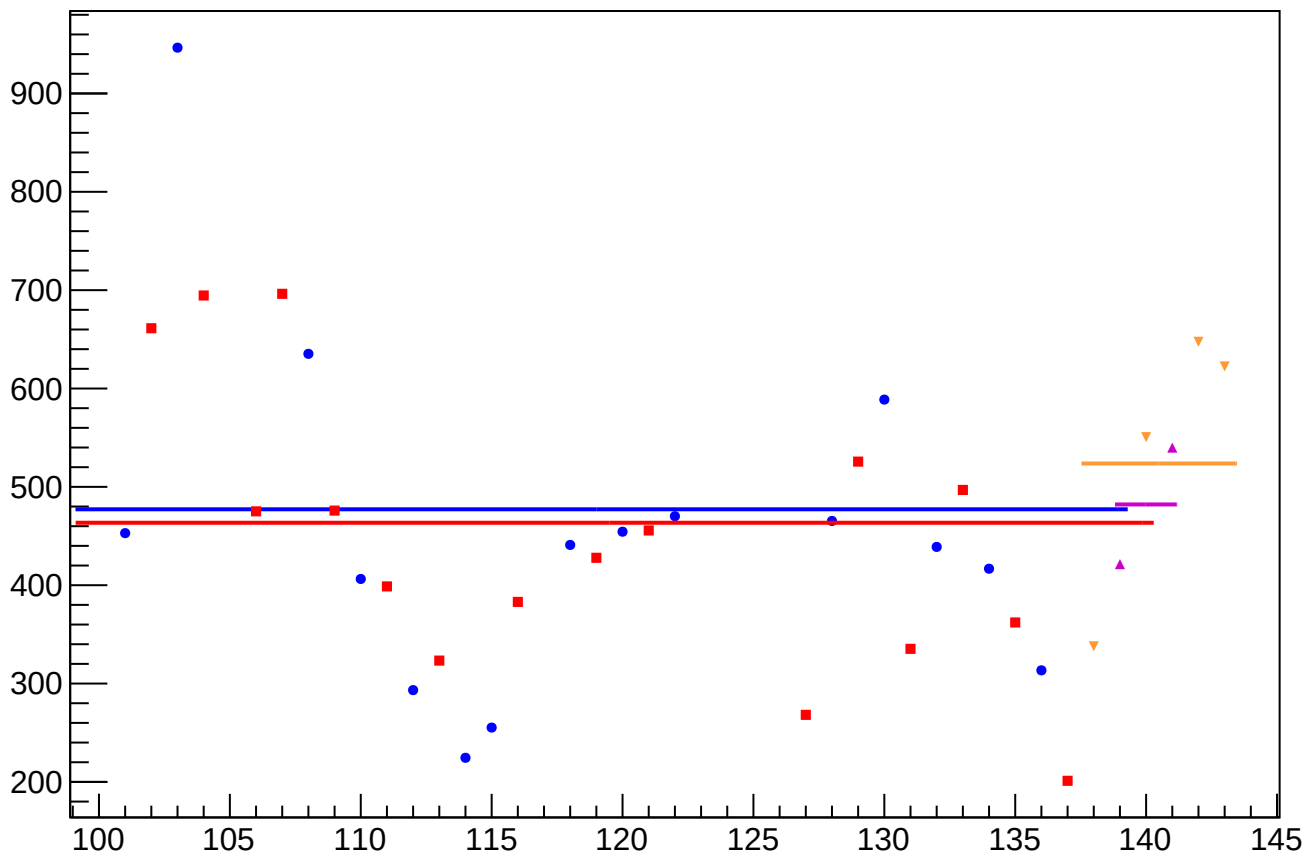
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 4019.640+/-0.000 χ^2/NDF : 259256801167766499591979047666170462208.0/3

Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15

Left In: 4397.214+/-0.000 χ^2/NDF : 37490080726832737663825079462761857024.0/1

dit_usr_coil4_err_mean vs Slug



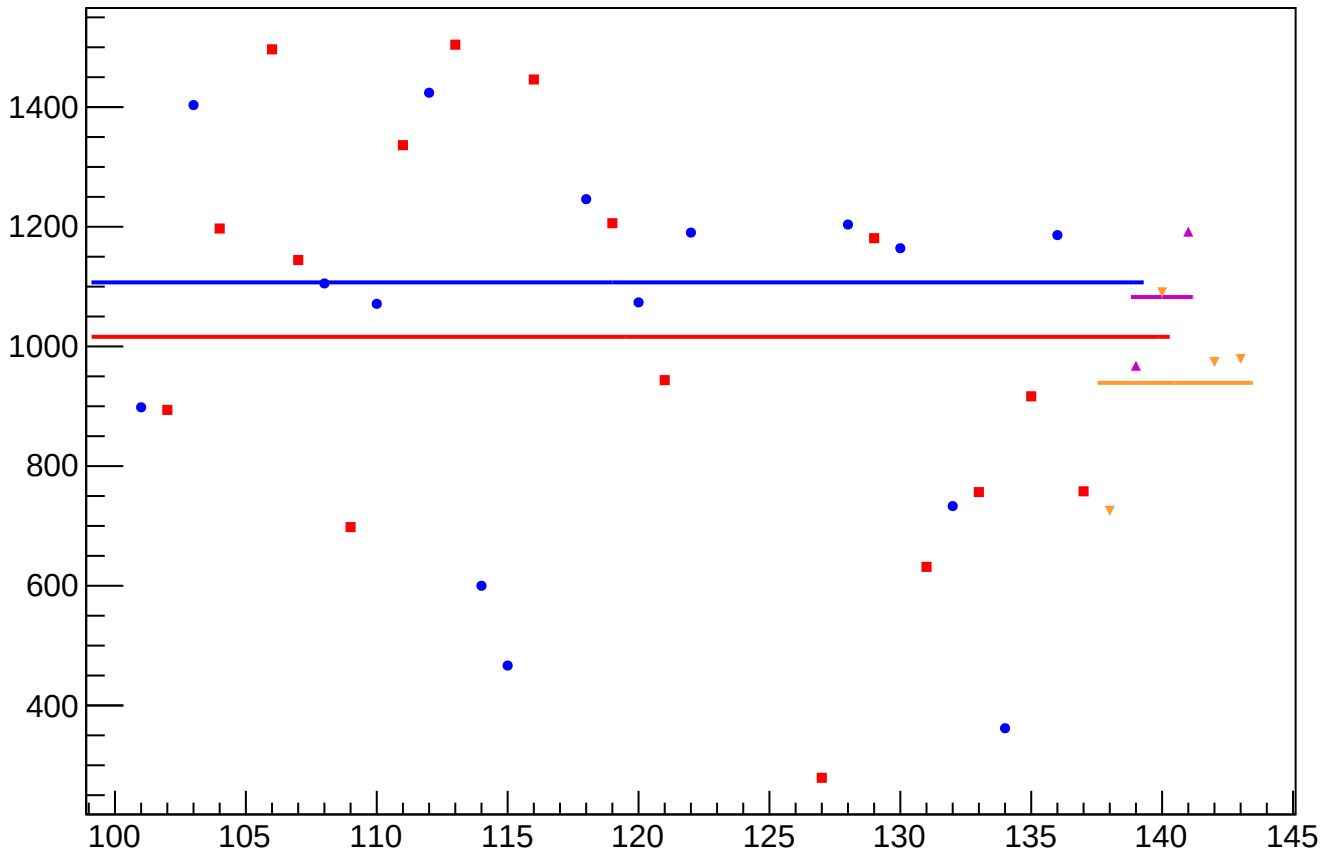
Right In: 477.186 ± 0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14

Left Out: 463.513 ± 0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15

Right Out: 523.755 ± 0.000 χ^2/NDF : 4111288803990894067473998214644891648.0/3

Left In: 482.107 ± 0.000 χ^2/NDF : 582207873395172478913456786496290816.0/1

dit_usr_coil4_Ndata_mean vs Slug



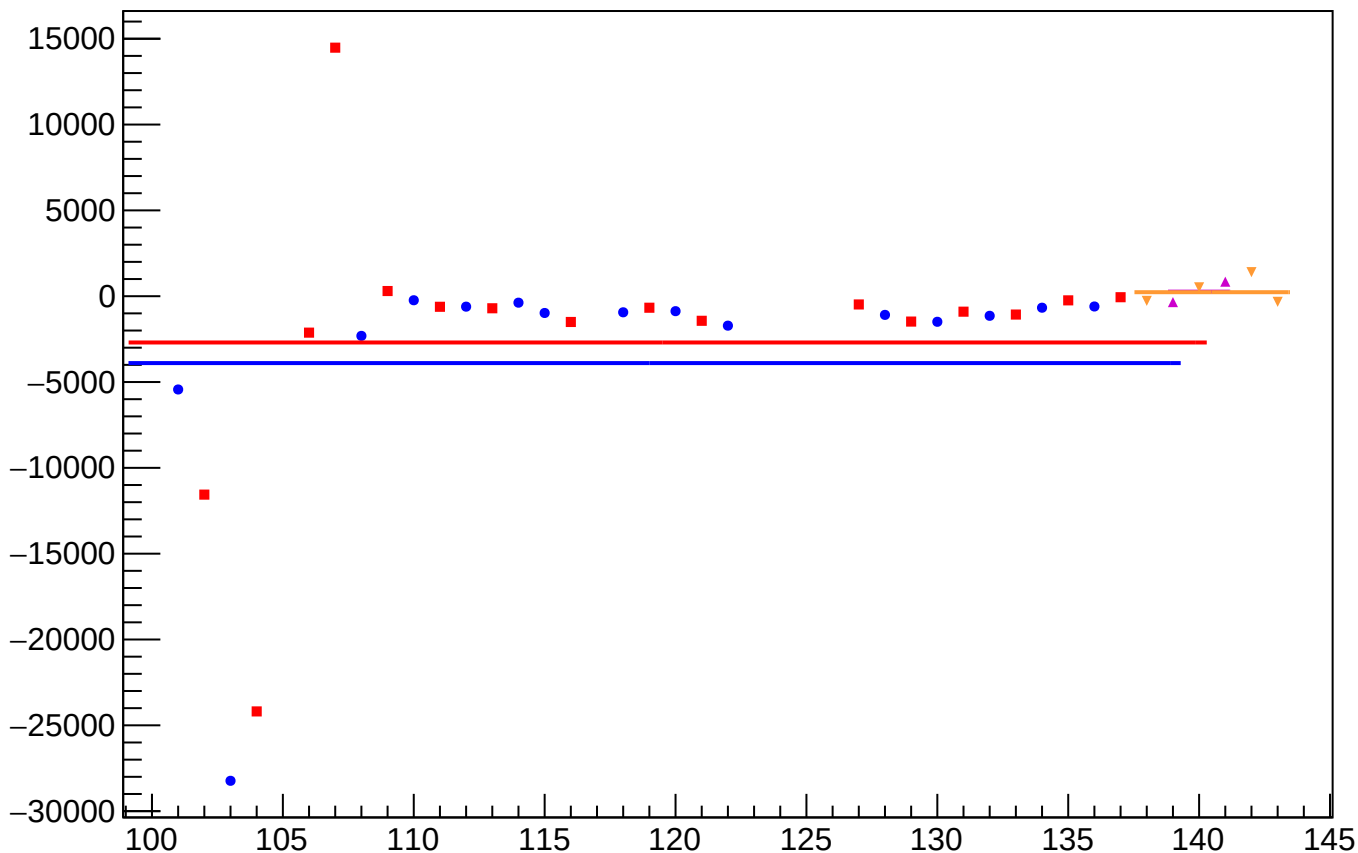
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

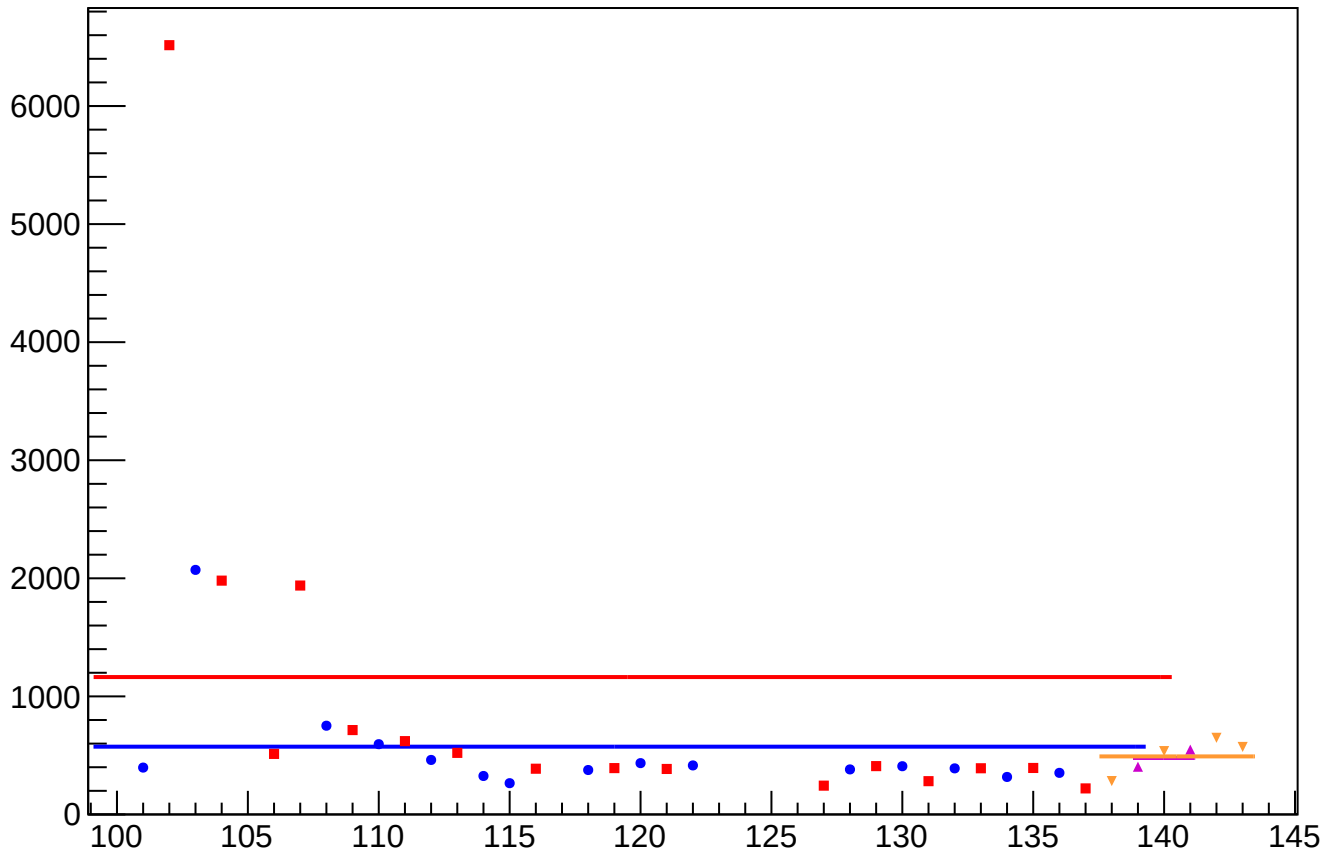
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atl1_coil4_mean vs Slug



Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: 233.503+/-0.000 χ^2/NDF : 110267501983986472792132507117580976128.0/3
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: 265.798+/-0.000 χ^2/NDF : 58840483577230519553056083445731557376.0/1

dit_atl1_coil4_err_mean vs Slug



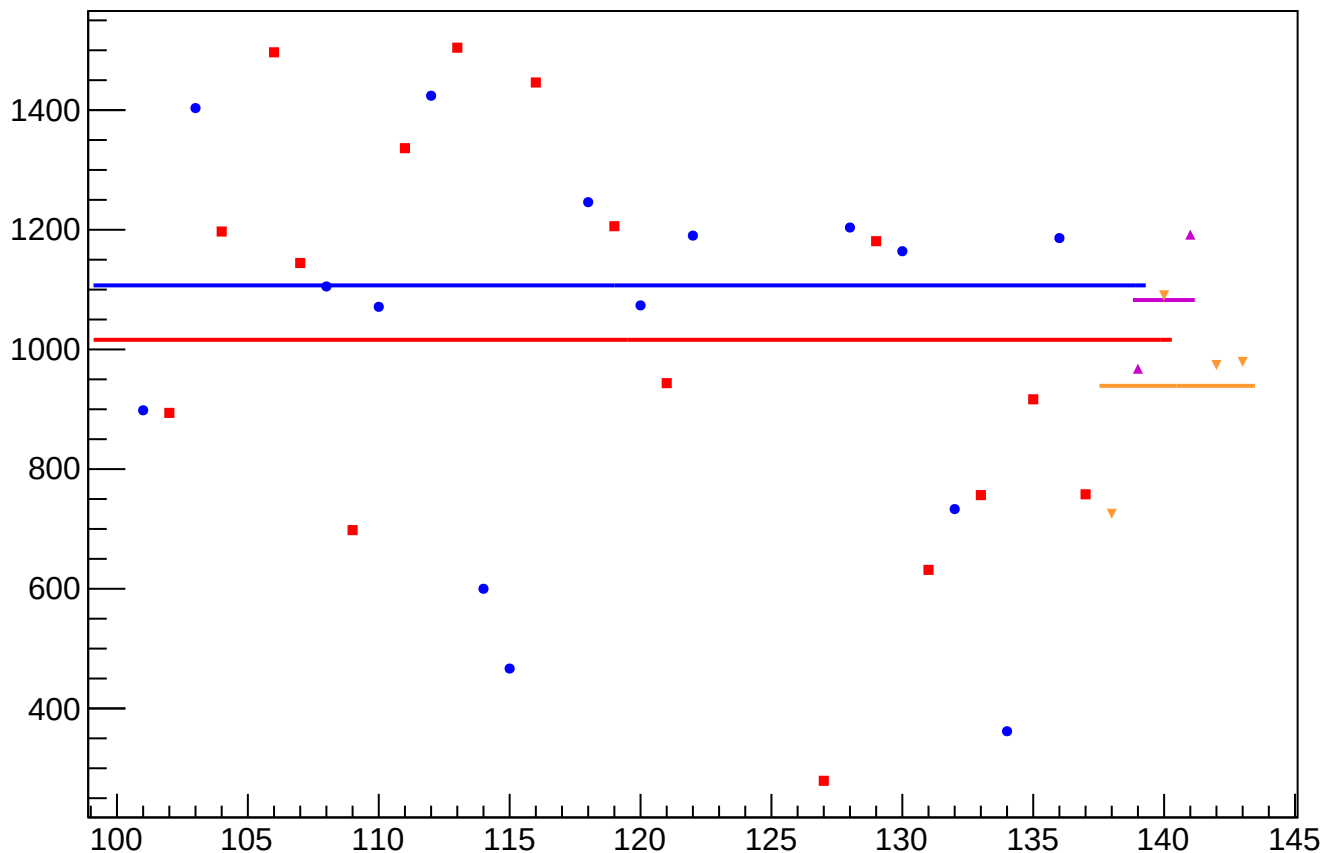
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 491.653+/-0.000 χ^2/NDF : 5141159459776657785868254059876581376.0/3

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: 478.430+/-0.000 χ^2/NDF : 866669819364960689156296399298494464.0/1

dit_atl1_coil4_Ndata_mean vs Slug



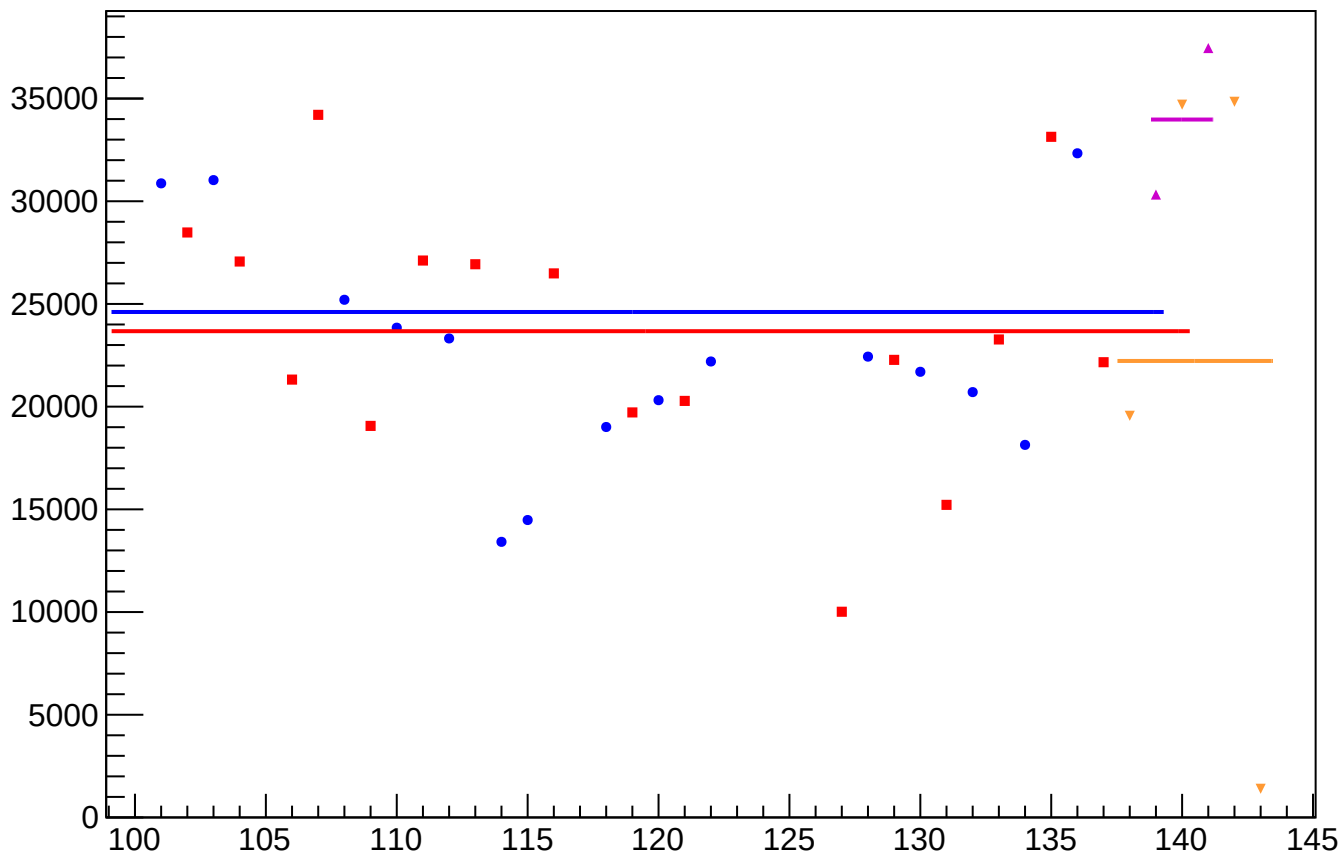
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

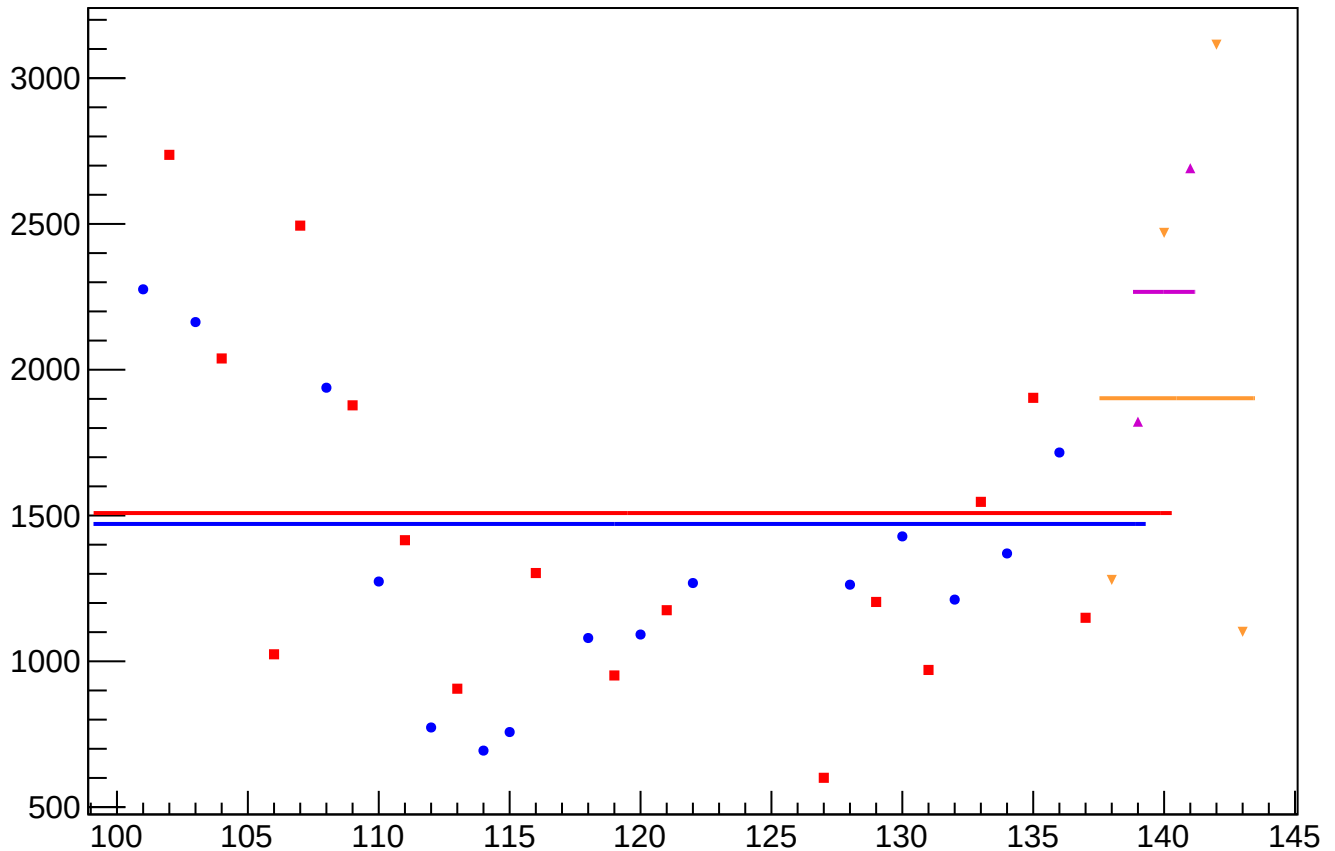
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 22224.489+/-0.000 χ^2/NDF : 49710012834411572480566654825771179180032.0/3
 Right Out: 23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: 33978.011+/-0.000 χ^2/NDF : 2110042771633006072106264331150449180672.0/1

dit_atl2_coil4_err_mean vs Slug



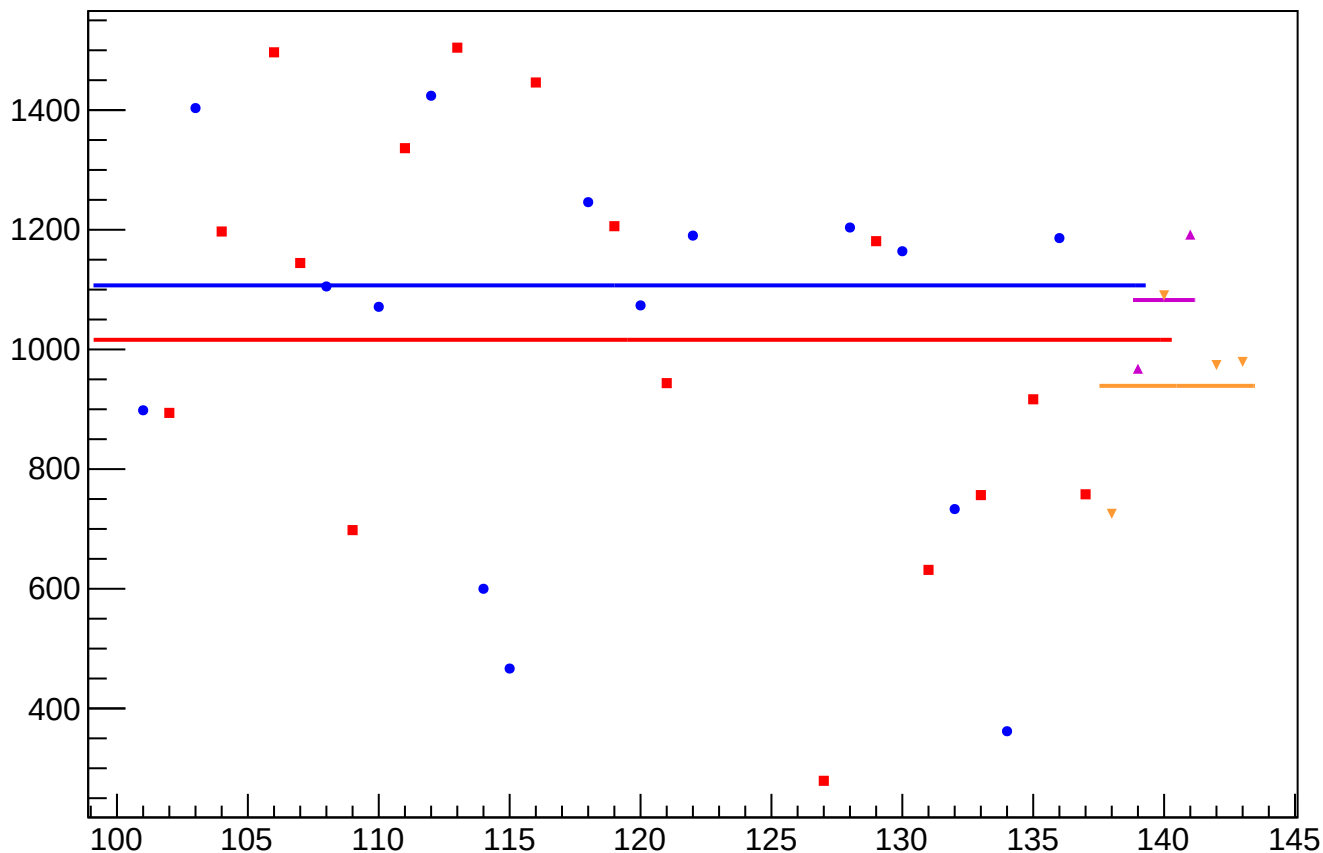
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 1902.282+/-0.000 χ^2/NDF : 167285626624842993773234689208519491584.0/3

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

Left In: 2266.965+/-0.000 χ^2/NDF : 31342120143856954622447614953487597568.0/1

dit_atl2_coil4_Ndata_mean vs Slug



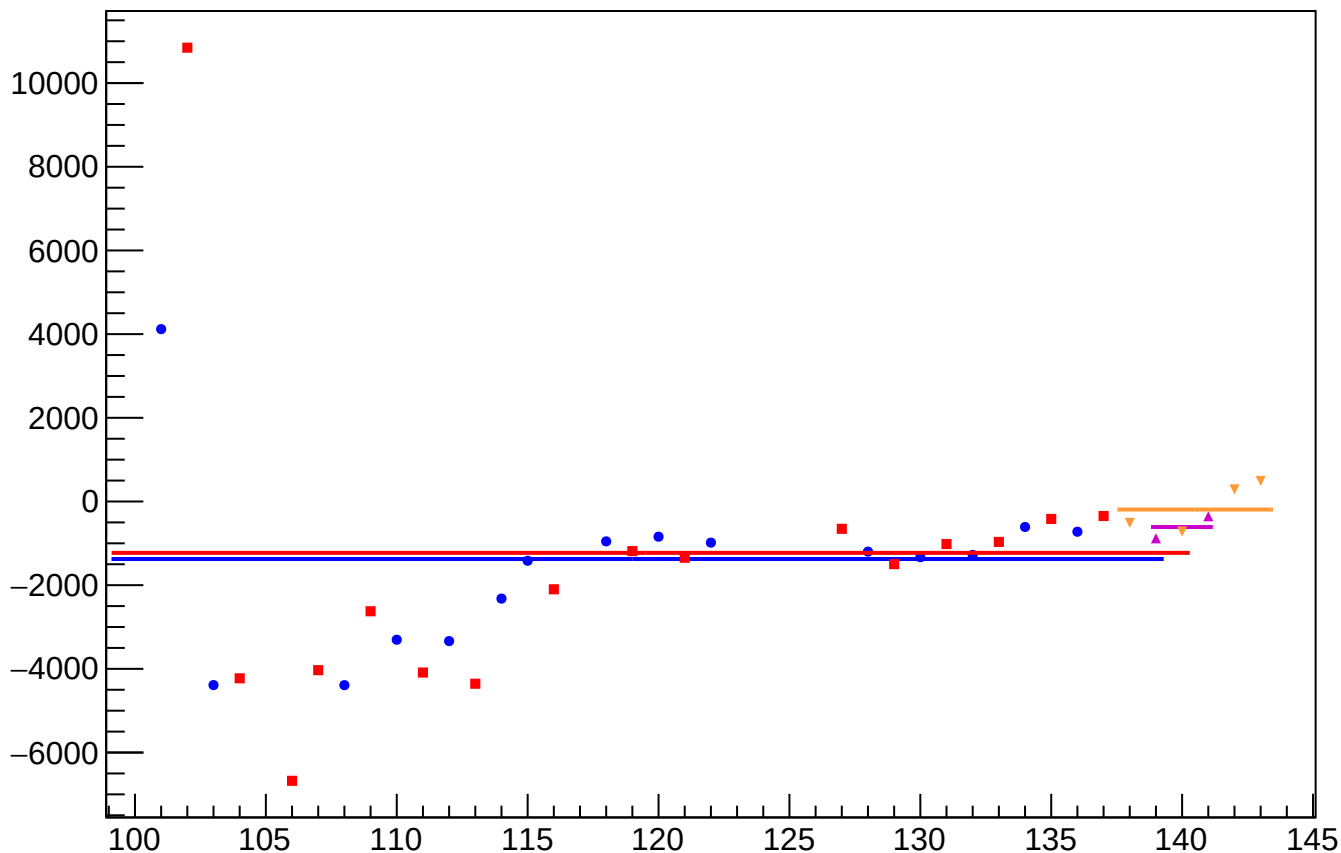
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atr1_coil4_mean vs Slug



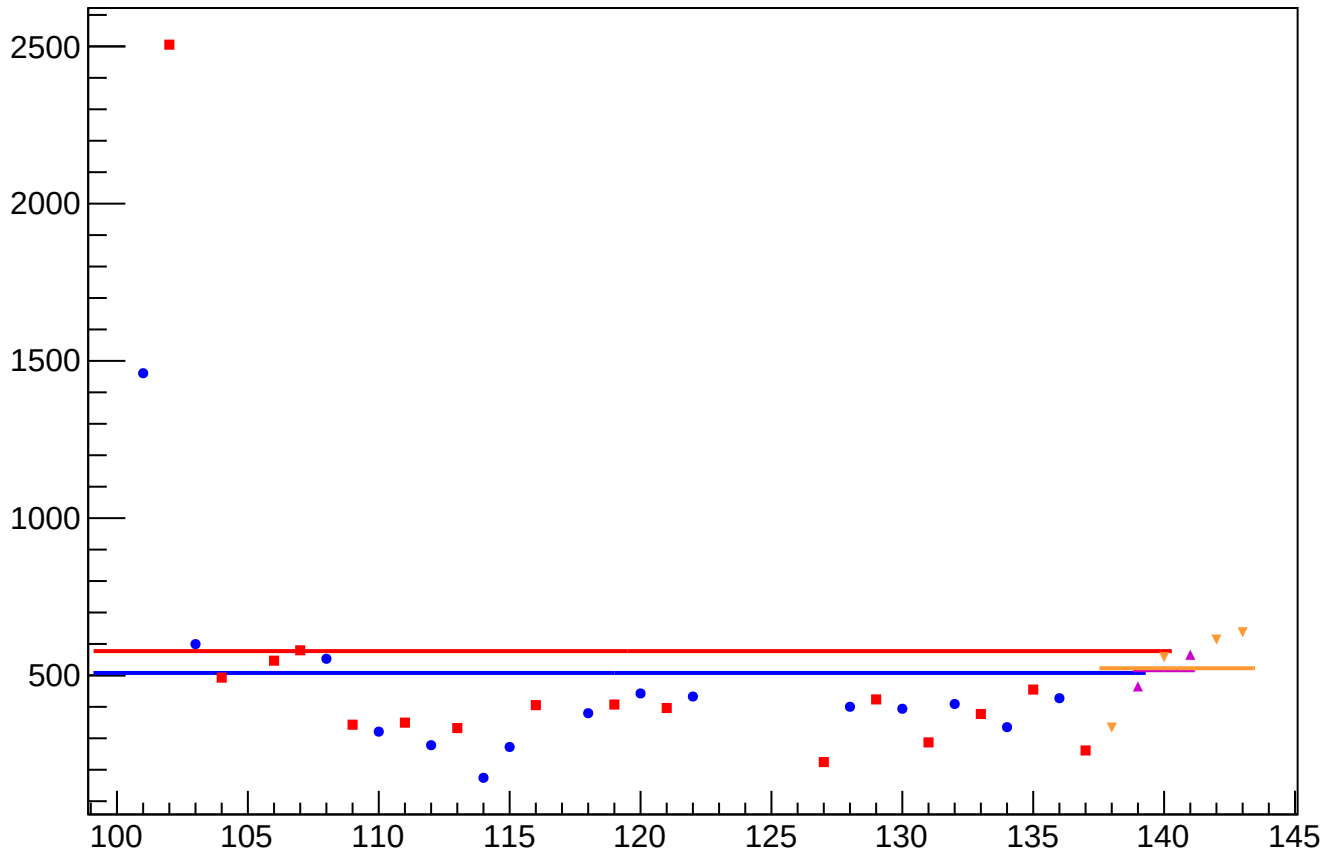
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left Out: -192.438+/-0.000 χ^2/NDF : 72487368661477737738123327990927458304.0/3

Right Out: -1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15

Left In: -610.391+/-0.000 χ^2/NDF : 11508514471575383557902717105718951936.0/1

dit_atr1_coil4_err_mean vs Slug



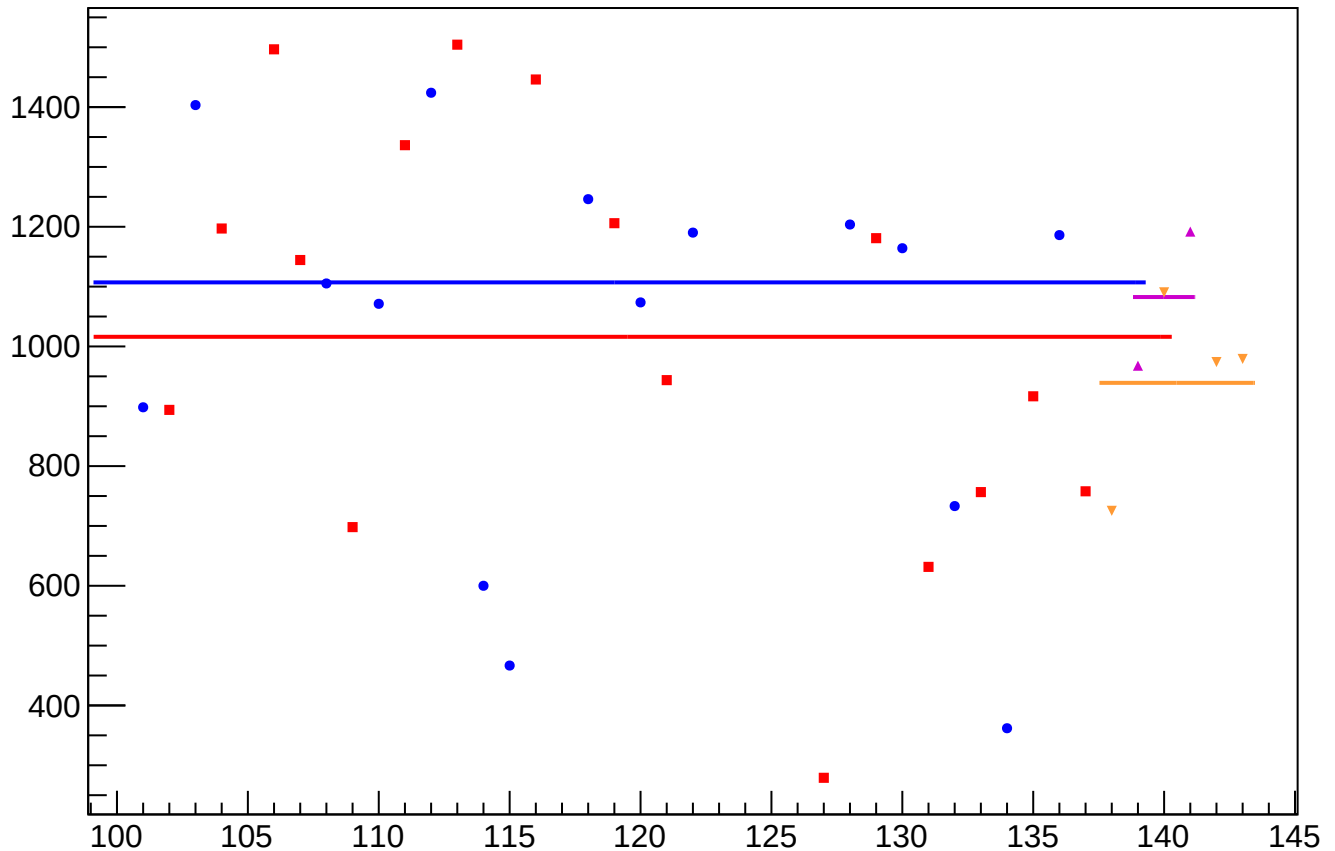
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 522.757+/-0.000 χ^2/NDF : 4137976801941350690116026547574931456.0/3

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

Left In: 516.438+/-0.000 χ^2/NDF : 420591558322302543338216010314416128.0/1

dit_atr1_coil4_Ndata_mean vs Slug



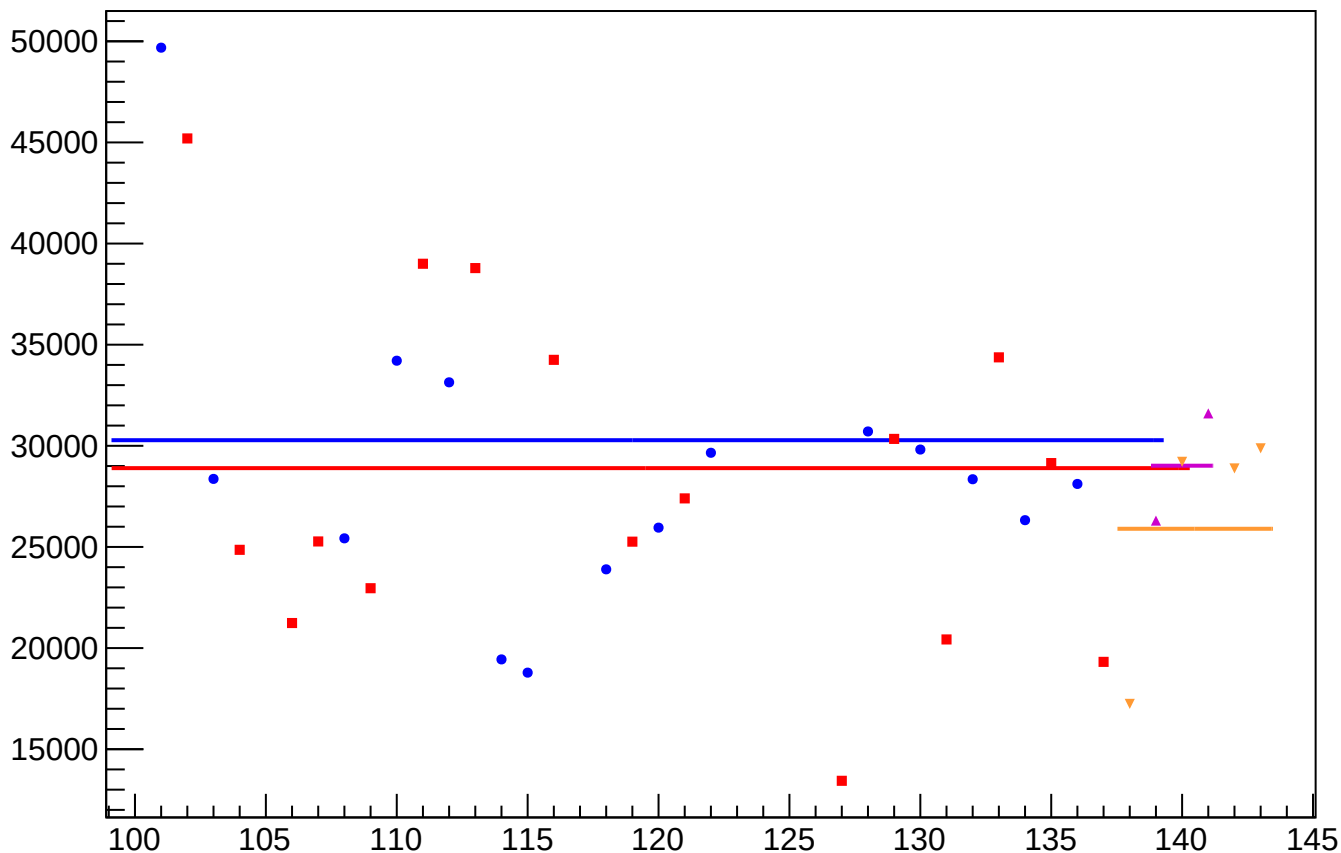
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

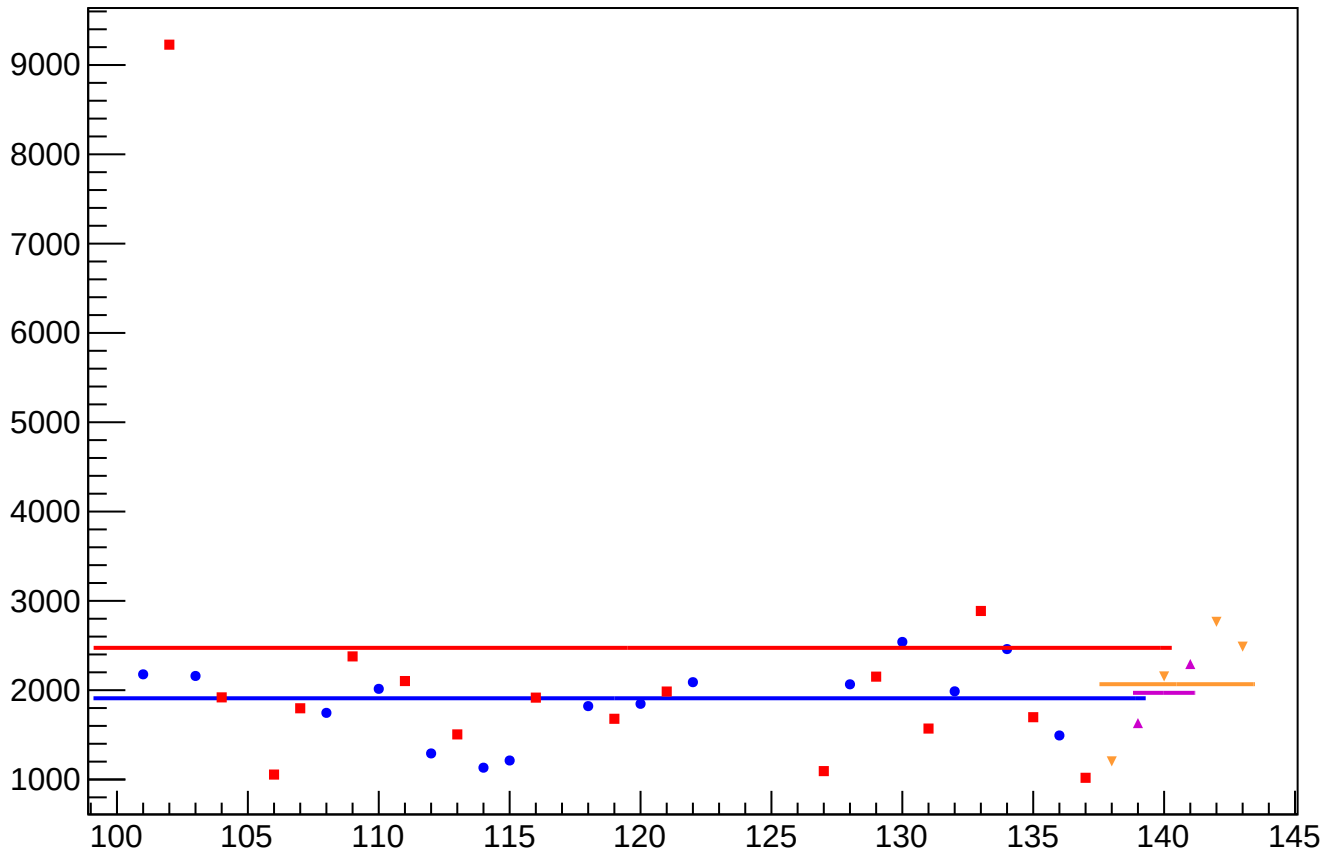
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atr2_coil4_mean vs Slug



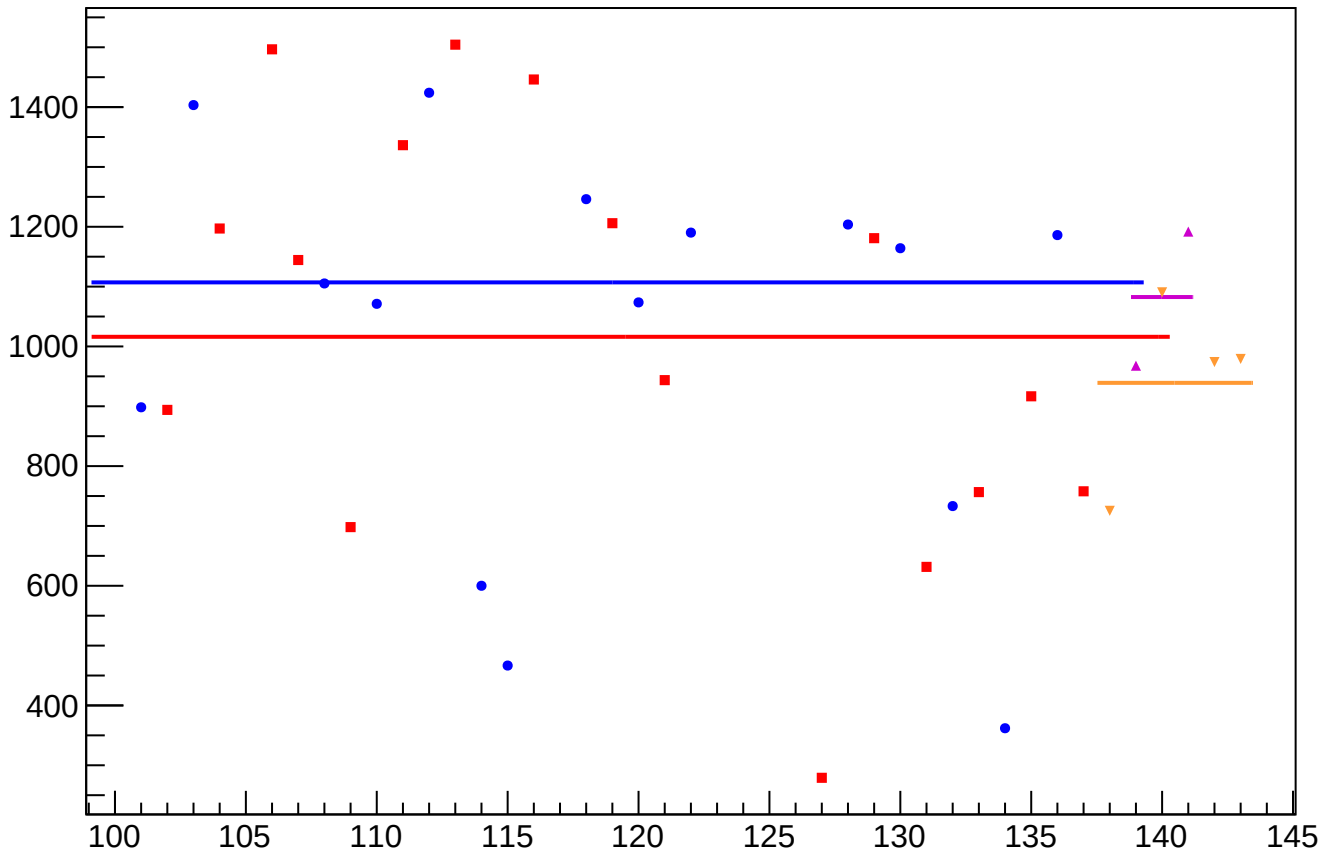
Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
Left Out: 25898.497+/-0.000	χ^2/NDF : 8215079228977158177293397887216496148480.0/3
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
Left In: 29016.728+/-0.000	χ^2/NDF : 1165108914759627823455964560444417376256.0/1

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434 ± 0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 2067.066 ± 0.000 χ^2/NDF : 93144148052591039965764245047383949312.0/3
 Right Out: 2473.977 ± 0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: 1970.239 ± 0.000 χ^2/NDF : 18143079488842793188590986902575775744.0/1

dit_atr2_coil4_Ndata_mean vs Slug



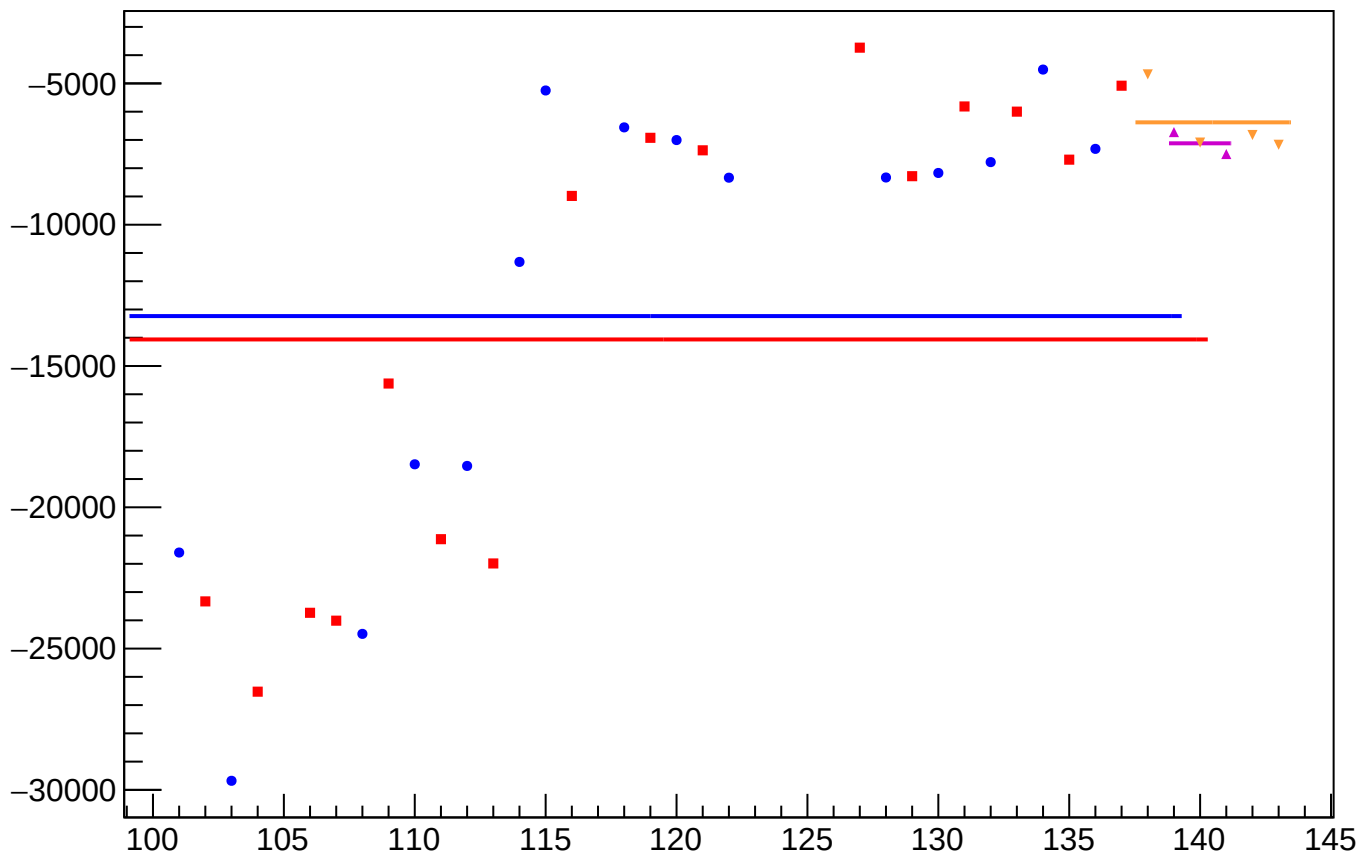
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam1_coil4_mean vs Slug



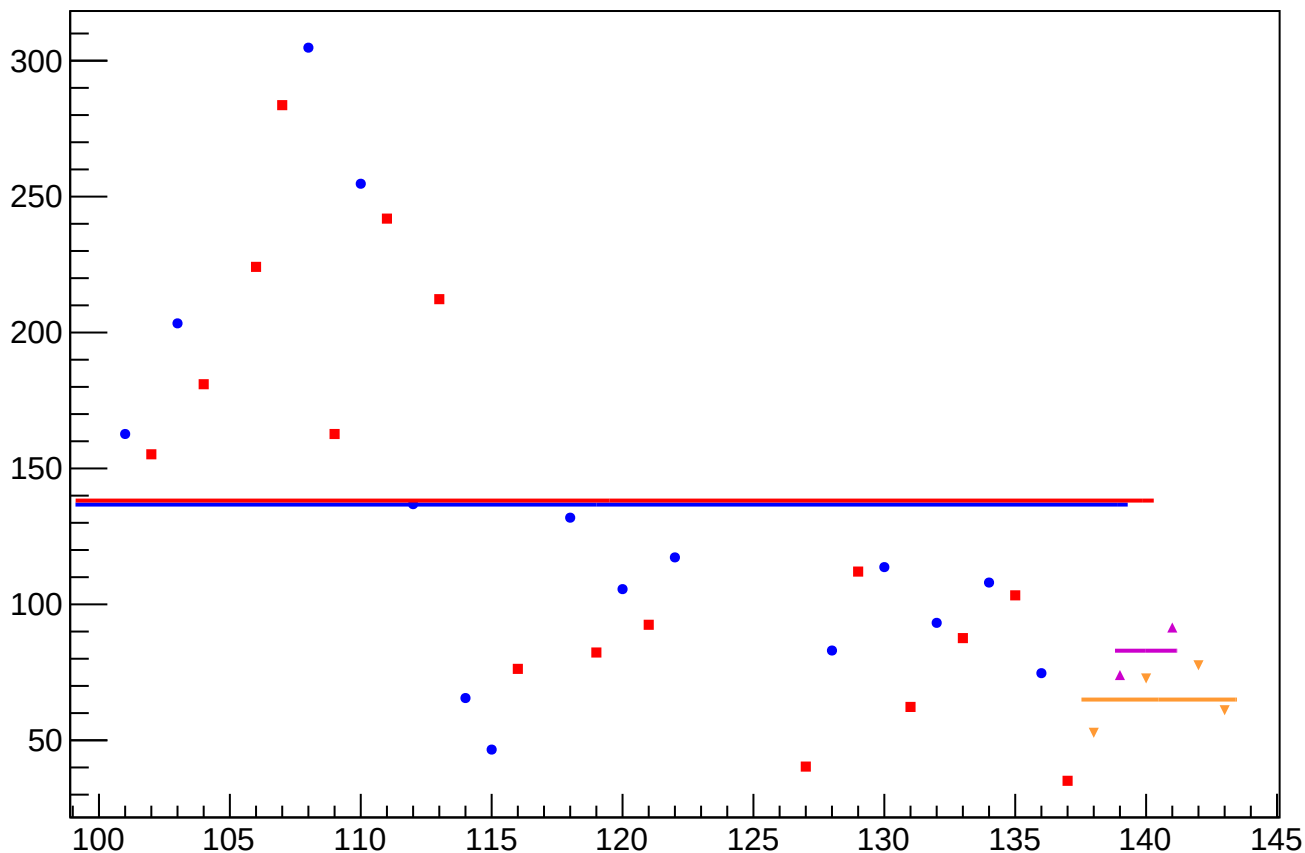
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -6377.530+/-0.000 χ^2/NDF : 318210660668552068845124030545811996672.0/3

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

Left In: -7119.448+/-0.000 χ^2/NDF : 24987980337644948924878495574227156992.0/1

dit_sam1_coil4_err_mean vs Slug



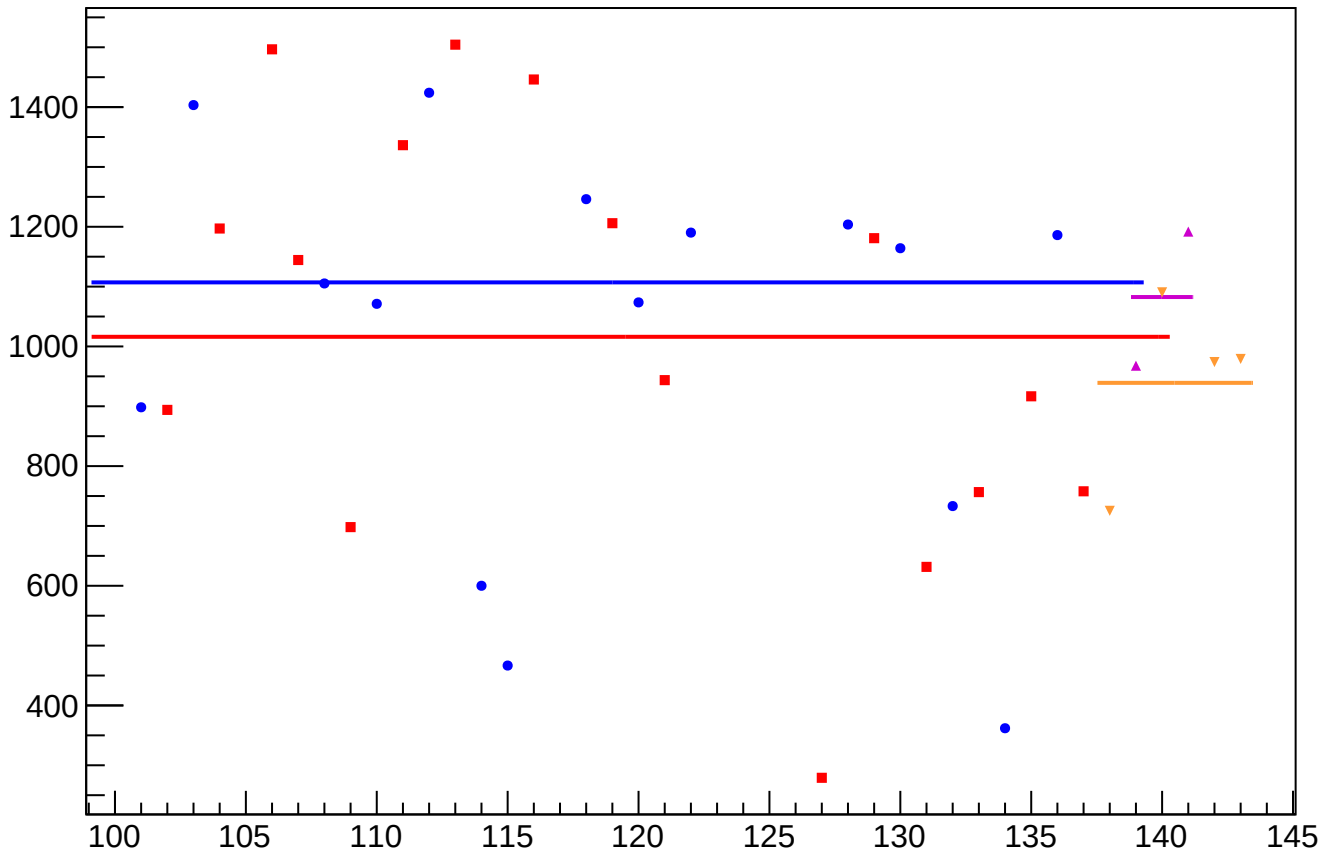
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 64.979+/-0.000 χ^2/NDF : 24940747173616948500035033377013760.0/3

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

Left In: 82.955+/-0.000 χ^2/NDF : 12678060684135041396353960528314368.0/1

dit_sam1_coil4_Ndata_mean vs Slug



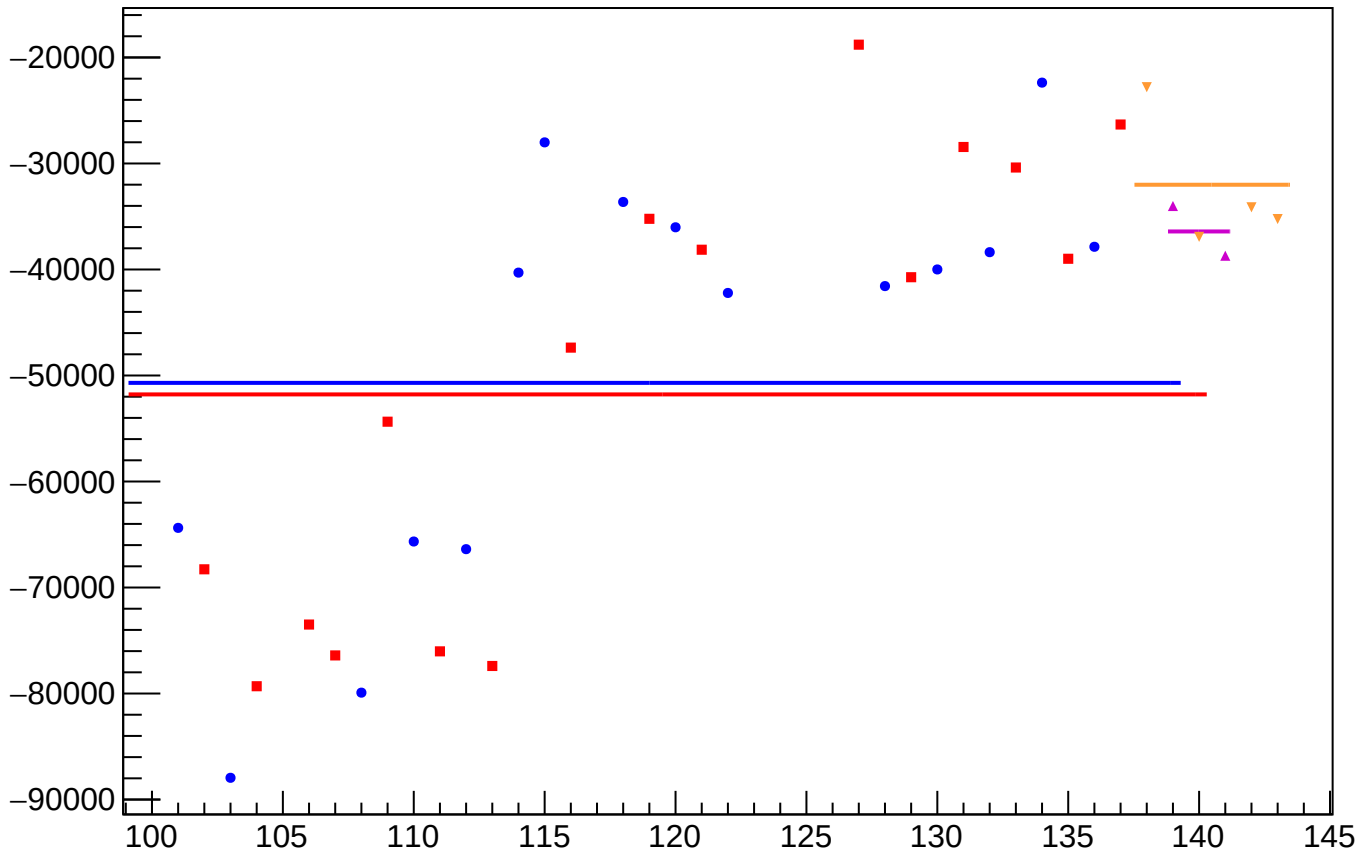
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

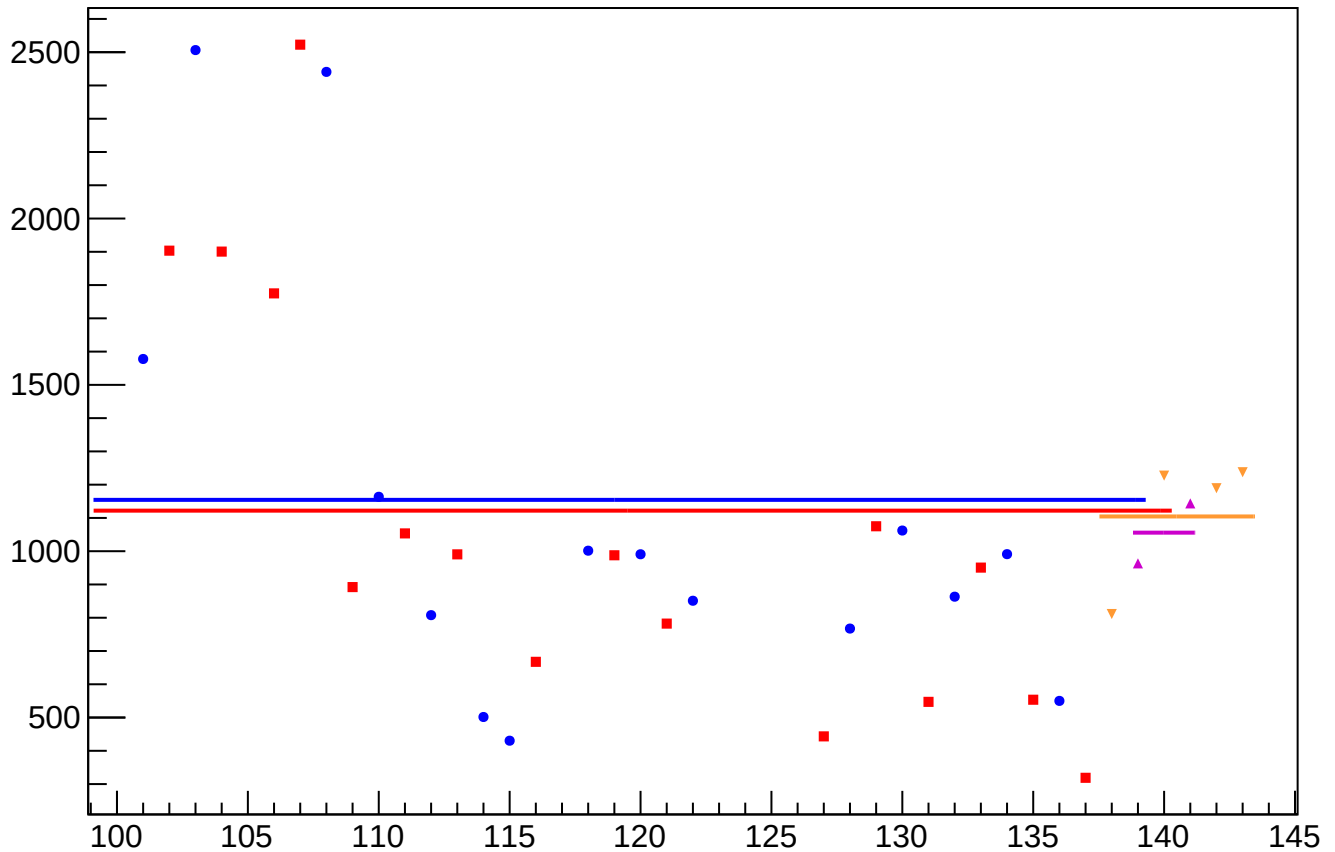
Left In: 1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam2_coil4_mean vs Slug



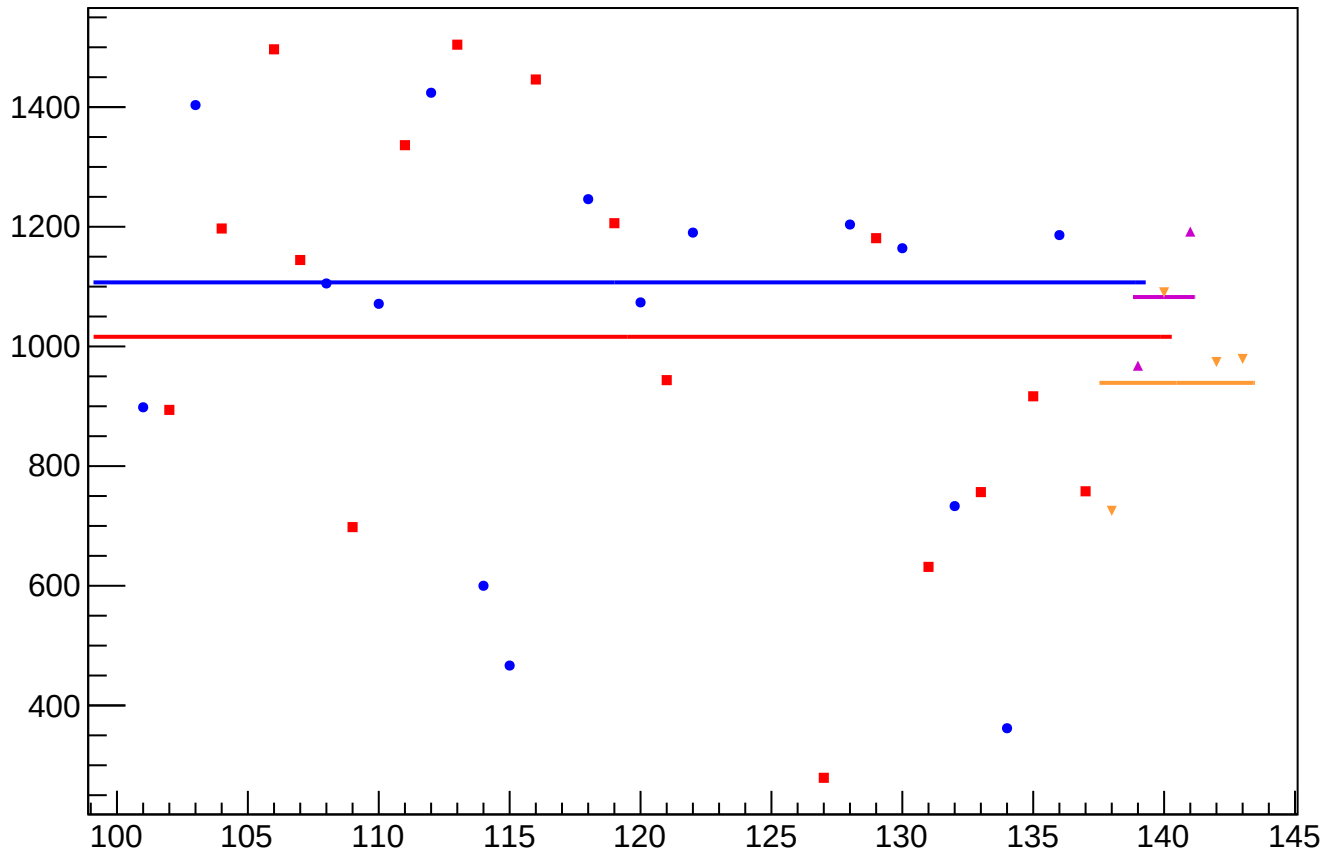
Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -32006.240+/-0.000 χ^2/NDF : 9496290077292994844335429284665499844608.0/3
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -36412.701+/-0.000 χ^2/NDF : 912129088924079945396181129096874426368.0/1

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 1104.449+/-0.000 χ^2/NDF : 9460166083818012993114935678946246656.0/3
 Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: 1055.761+/-0.000 χ^2/NDF : 1347875282087847296857567920262217728.0/1

dit_sam2_coil4_Ndata_mean vs Slug



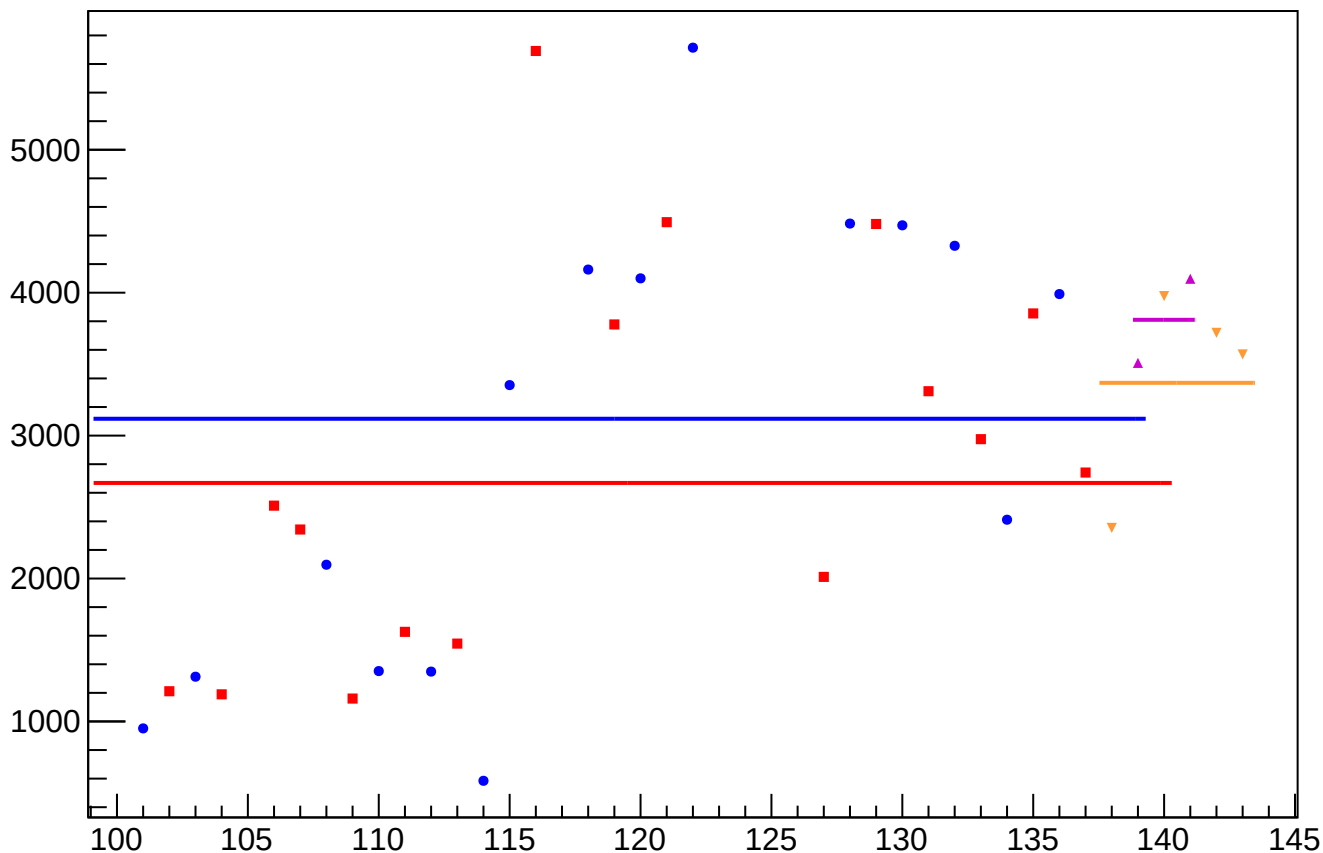
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

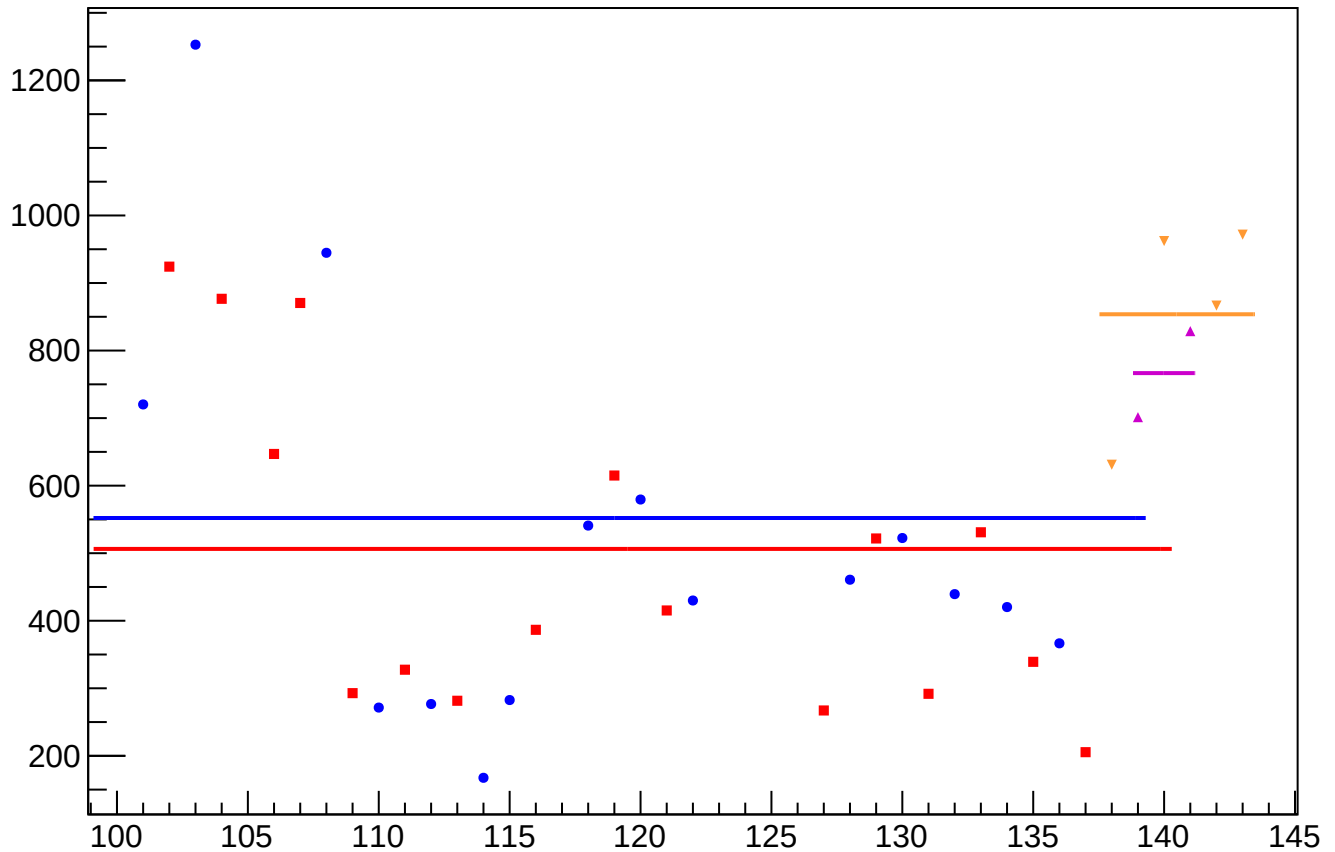
Left In: 1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3369.318+/-0.000 χ^2/NDF : 118843589260590746483602039415037231104.0/3
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3810.240+/-0.000 χ^2/NDF : 14371153259302456452566487112399978496.0/1

dit_sam3_coil4_err_mean vs Slug



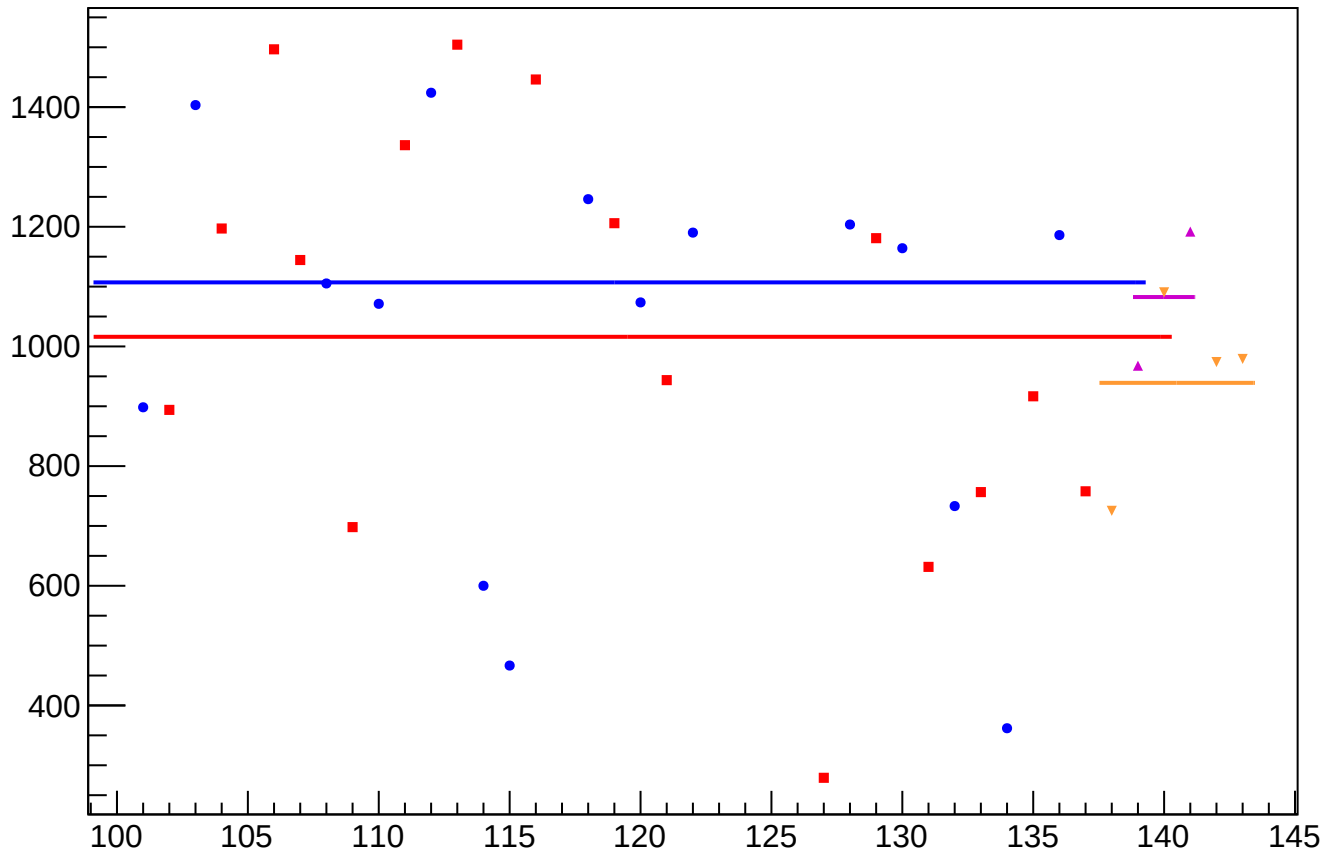
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 853.740+/-0.000 χ^2/NDF : 5771702647375072010948571247746744320.0/3

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: 766.621+/-0.000 χ^2/NDF : 672518209714790635221781428897316864.0/1

dit_sam3_coil4_Ndata_mean vs Slug



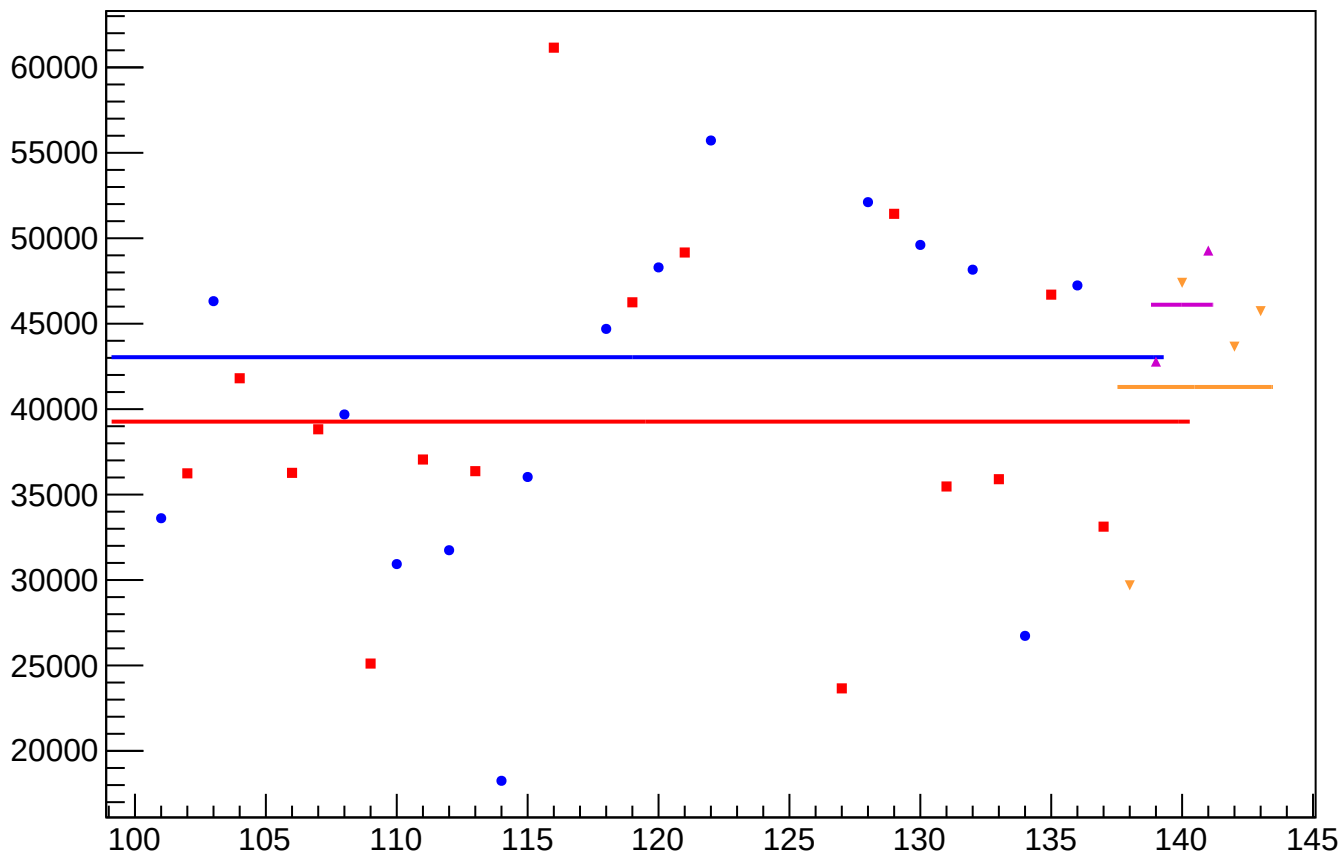
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

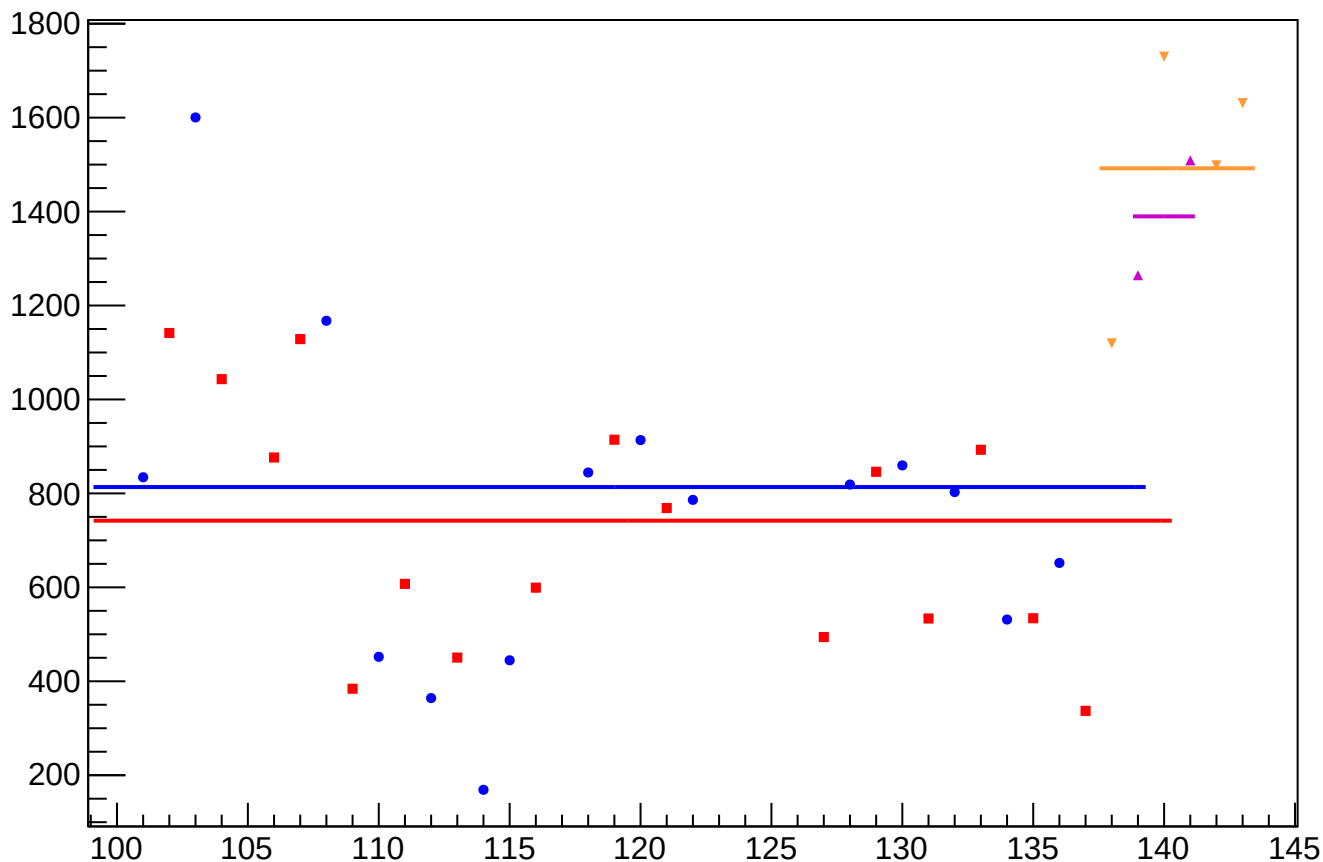
Left In: 1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 41297.410+/-0.000 χ^2/NDF : 15131179009535681977871861756834600714240.0/3
 Right Out: 39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: 46109.700+/-0.000 χ^2/NDF : 1751004106836284588964763884499060654080.0/1

dit_sam4_coil4_err_mean vs Slug



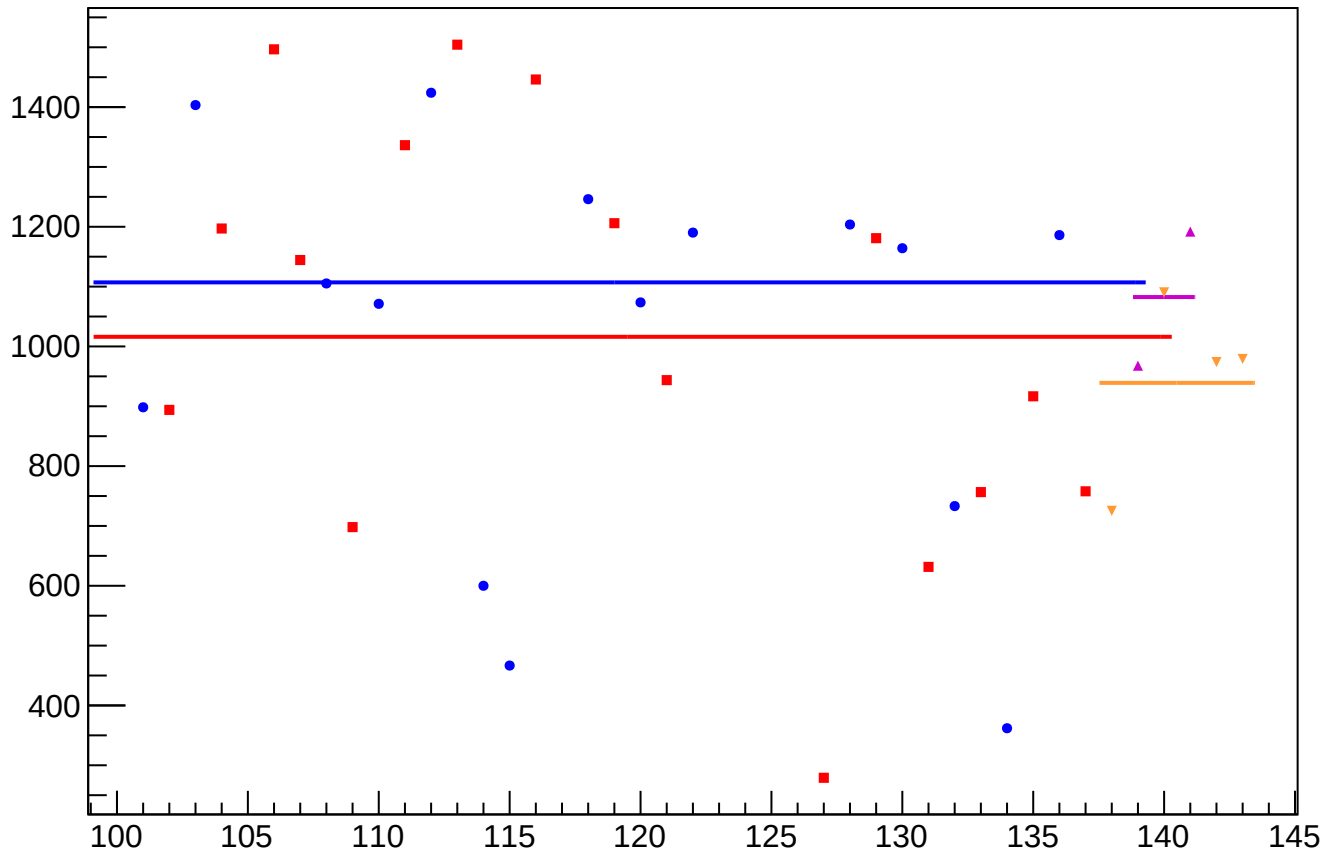
Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1492.171+/-0.000 χ^2/NDF : 16761347394060252150319879024759799808.0/3

Right Out: 741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

Left In: 1389.763+/-0.000 χ^2/NDF : 2478574938392785508449021513839935488.0/1

dit_sam4_coil4_Ndata_mean vs Slug



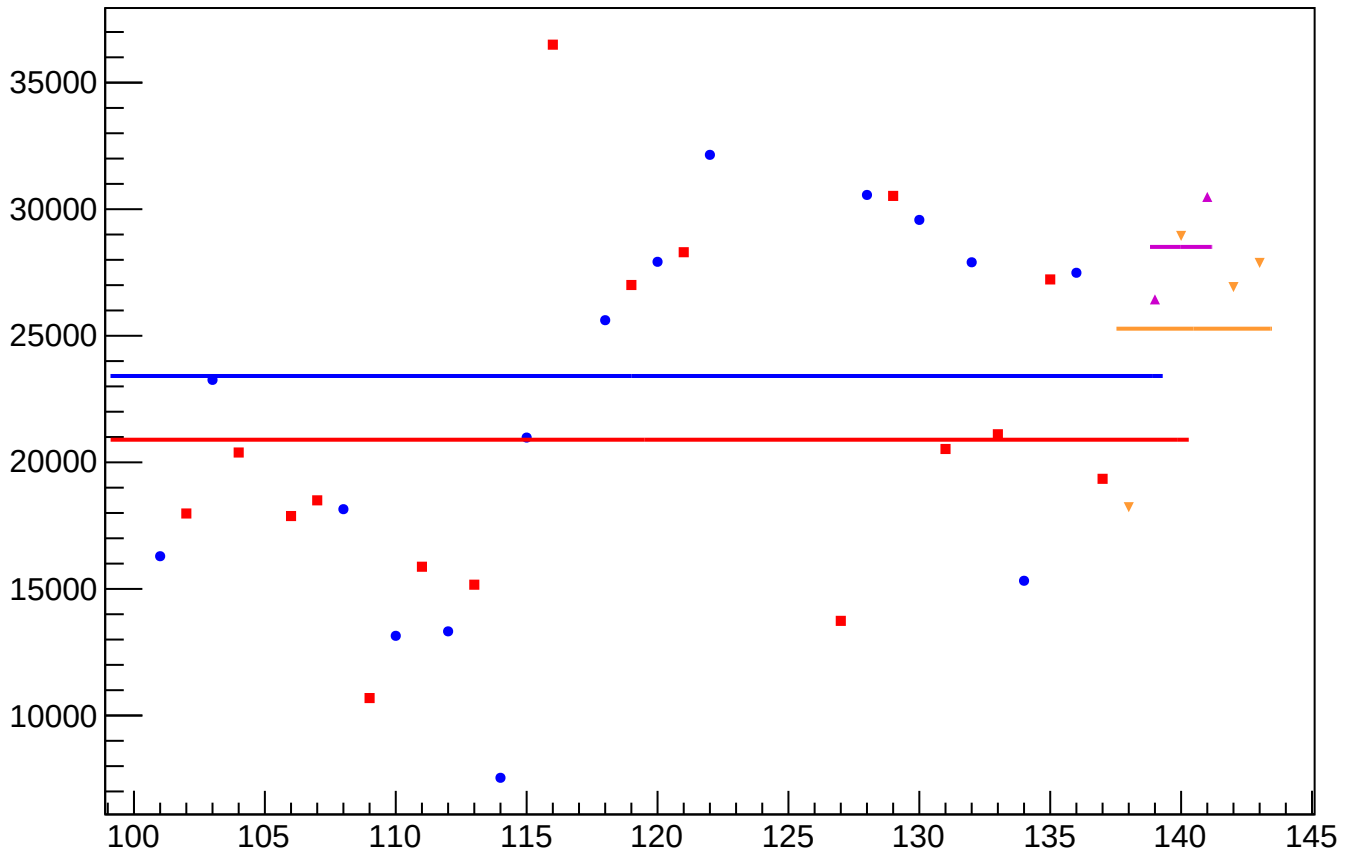
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

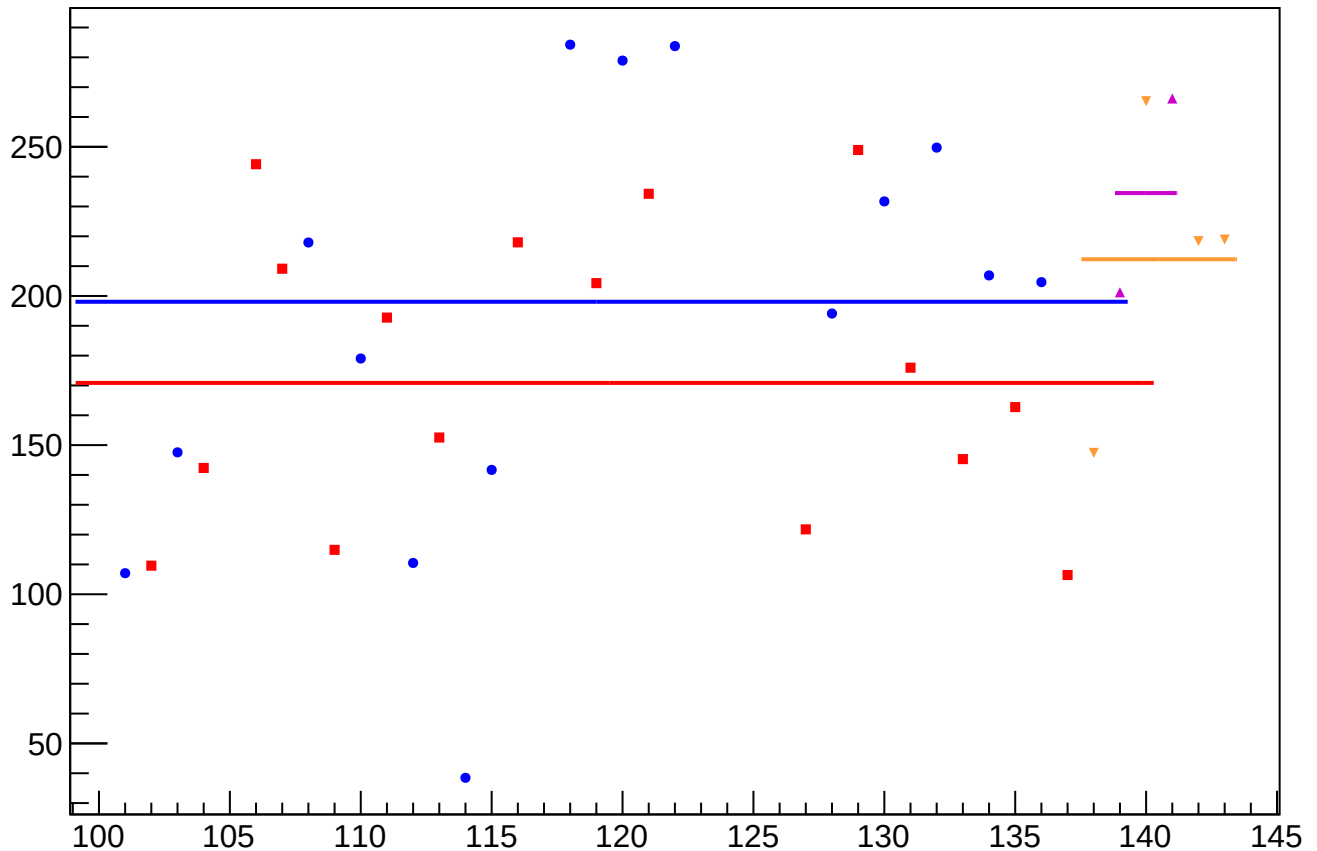
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam5_coil4_mean vs Slug



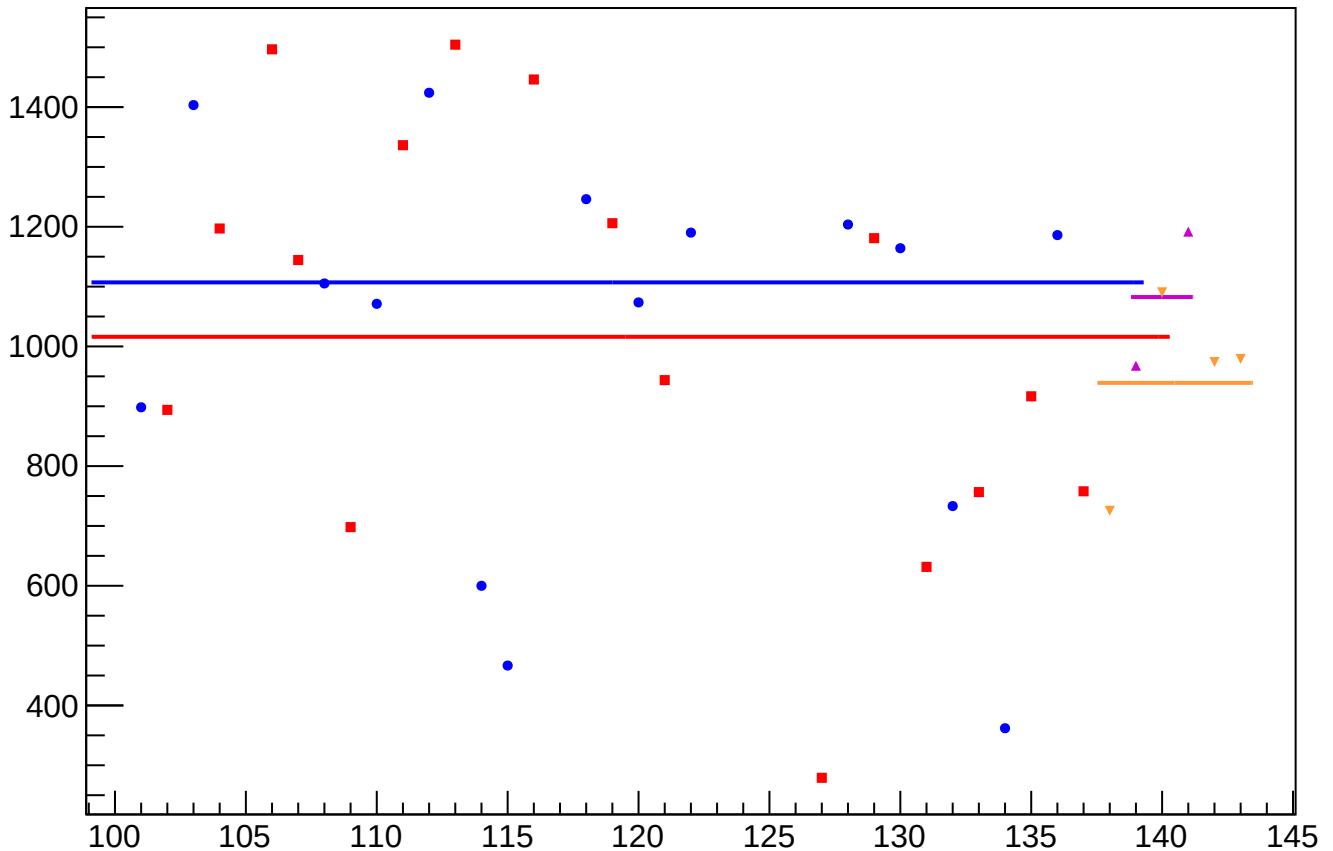
Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 25280.157+/-0.000	χ^2/NDF : 5557169081238177889178534084471467016192.0/3
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 28510.366+/-0.000	χ^2/NDF : 679371105075432700525280170591156961280.0/1

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 212.308+/-0.000 χ^2/NDF : 563230471748275291776581101923860480.0/3
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 234.500+/-0.000 χ^2/NDF : 175099937749256126585501053001662464.0/1

dit_sam5_coil4_Ndata_mean vs Slug



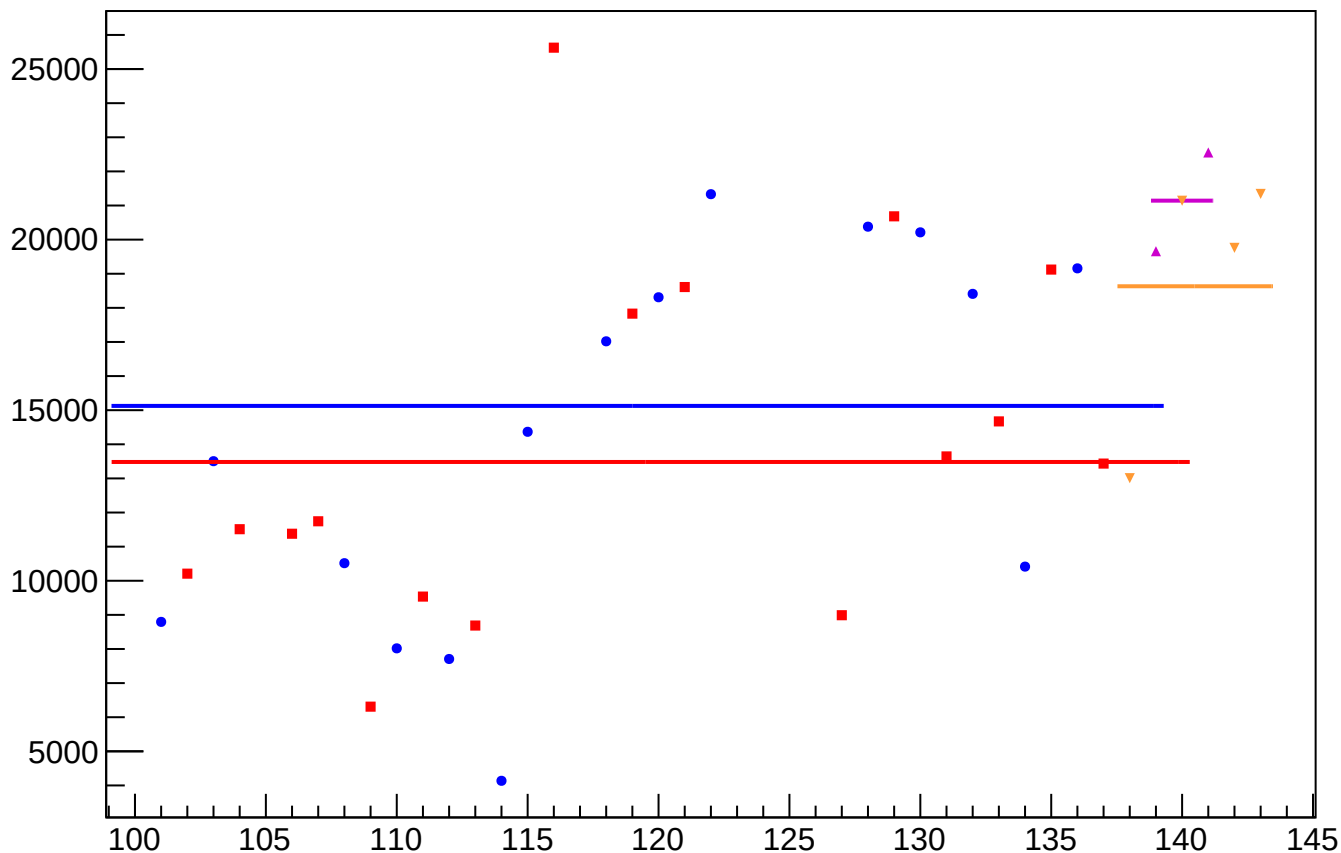
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

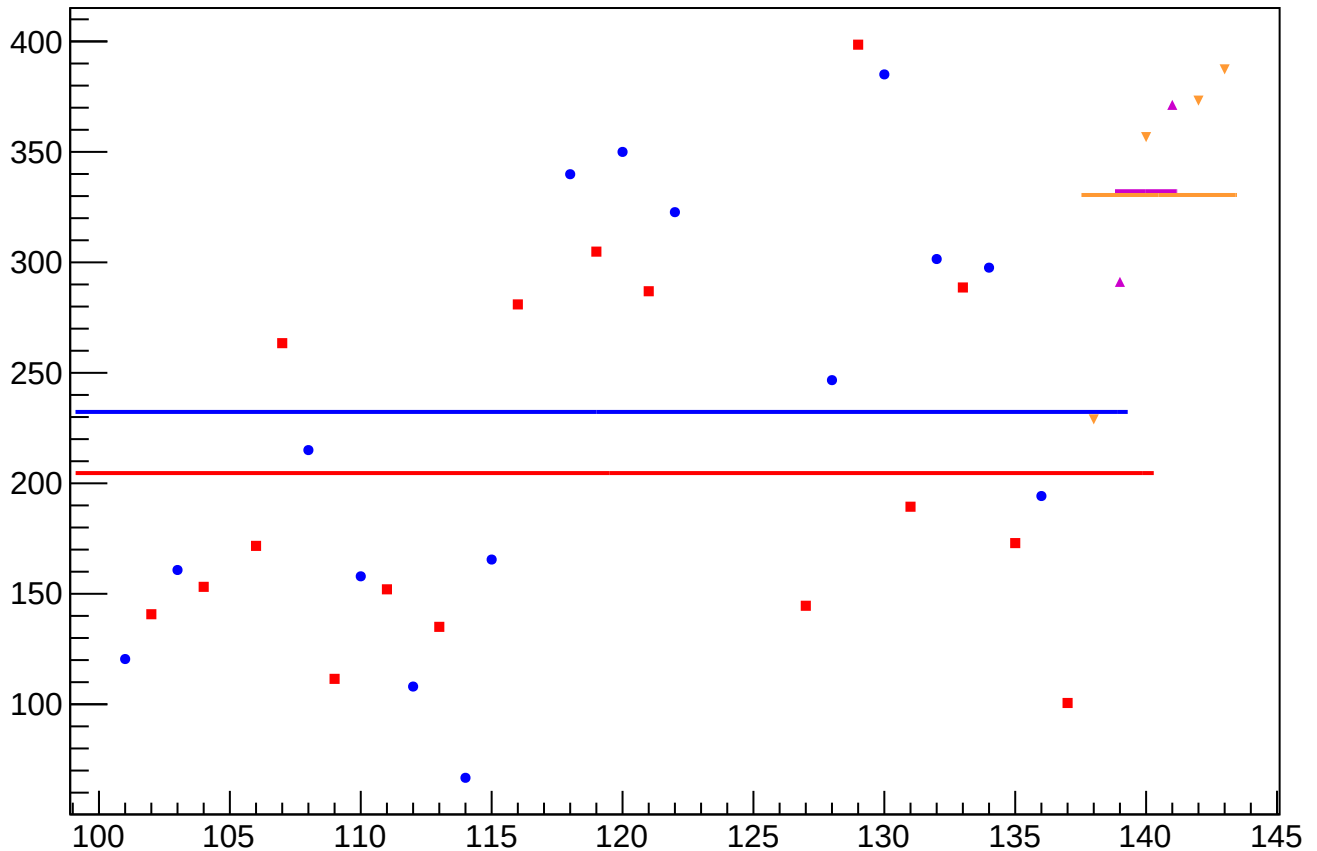
Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam6_coil4_mean vs Slug



Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 18632.762+/-0.000 χ^2/NDF : 3533701159307412495516541810880557350912.0/3
 Right Out: 13482.244+/-0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: 21142.586+/-0.000 χ^2/NDF : 347546448884359862104296484678269927424.0/1

dit_sam6_coil4_err_mean vs Slug



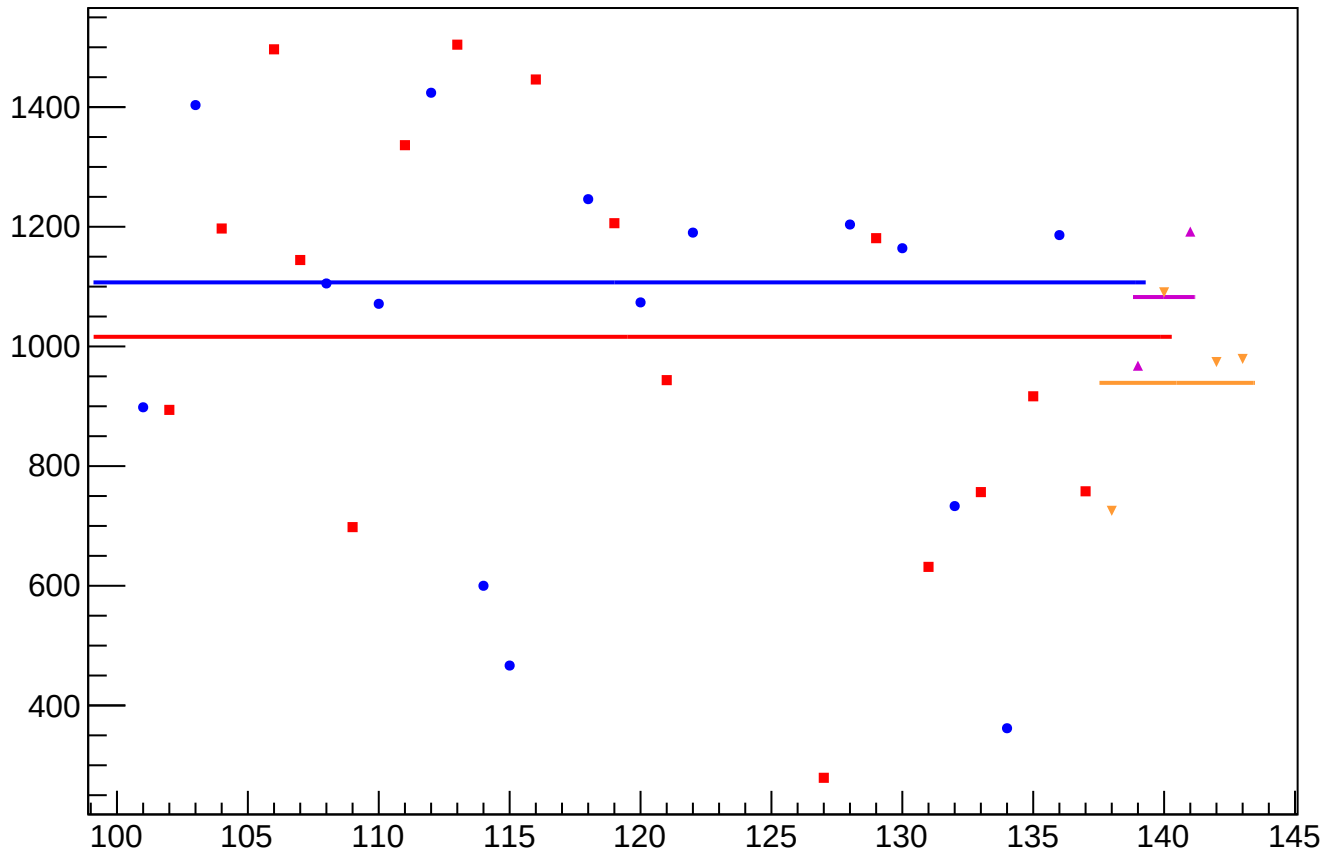
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 330.500+/-0.000 χ^2/NDF : 1161102676333296537891702546764922880.0/3

Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15

Left In: 332.200+/-0.000 χ^2/NDF : 266184237213814558351393348575559680.0/1

dit_sam6_coil4_Ndata_mean vs Slug



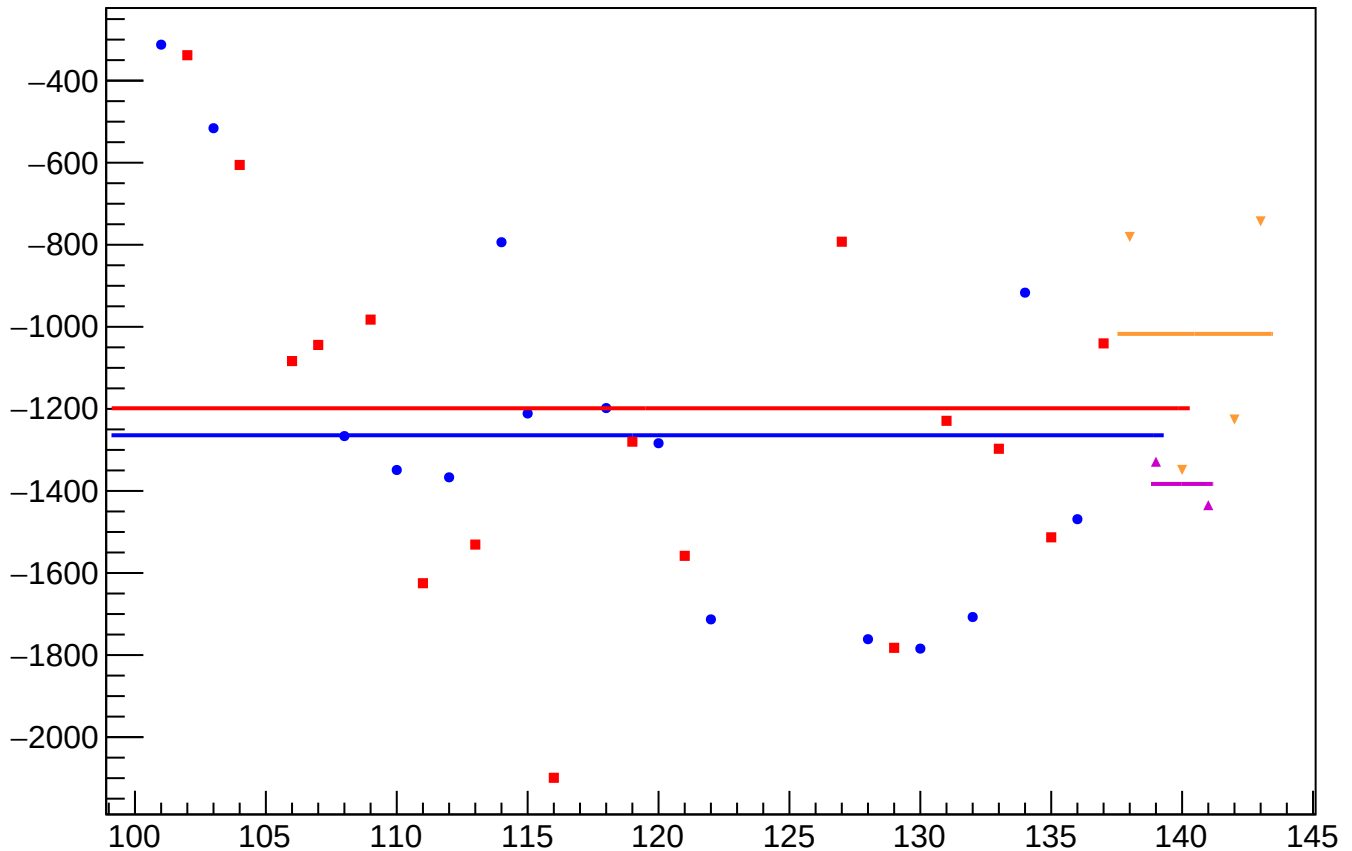
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

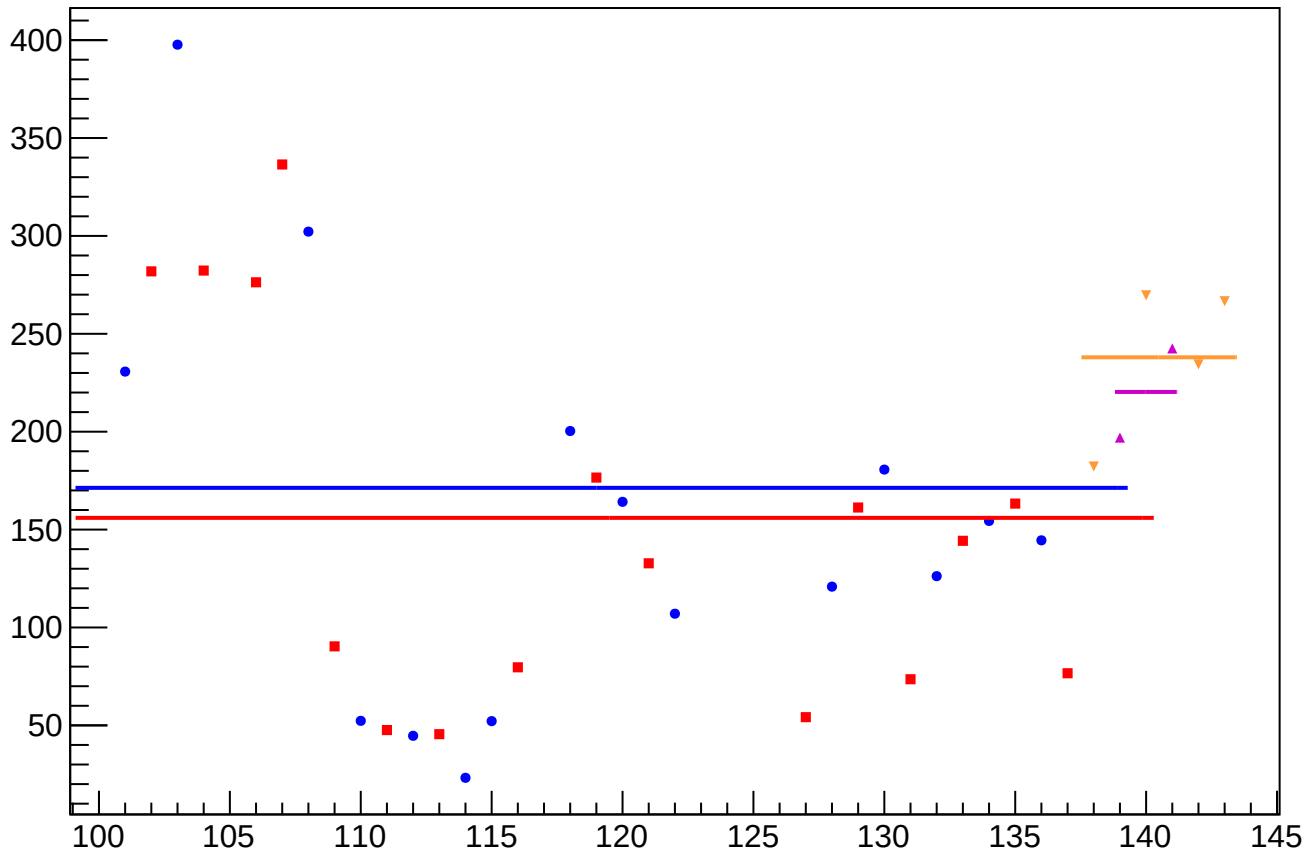
Left In: 1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam7_coil4_mean vs Slug



Right In: -1264.303 ± 0.000 $\chi^2/\text{NDF}: 140215251538502657549173994543931981824.0/14$
 Left Out: -1017.169 ± 0.000 $\chi^2/\text{NDF}: 204098008075141671137033720271812427776.0/3$
 Right Out: -1198.483 ± 0.000 $\chi^2/\text{NDF}: 131164763898016793515492217696167133184.0/15$
 Left In: -1382.927 ± 0.000 $\chi^2/\text{NDF}: 464819518108425762261940748402294784.0/1$

dit_sam7_coil4_err_mean vs Slug



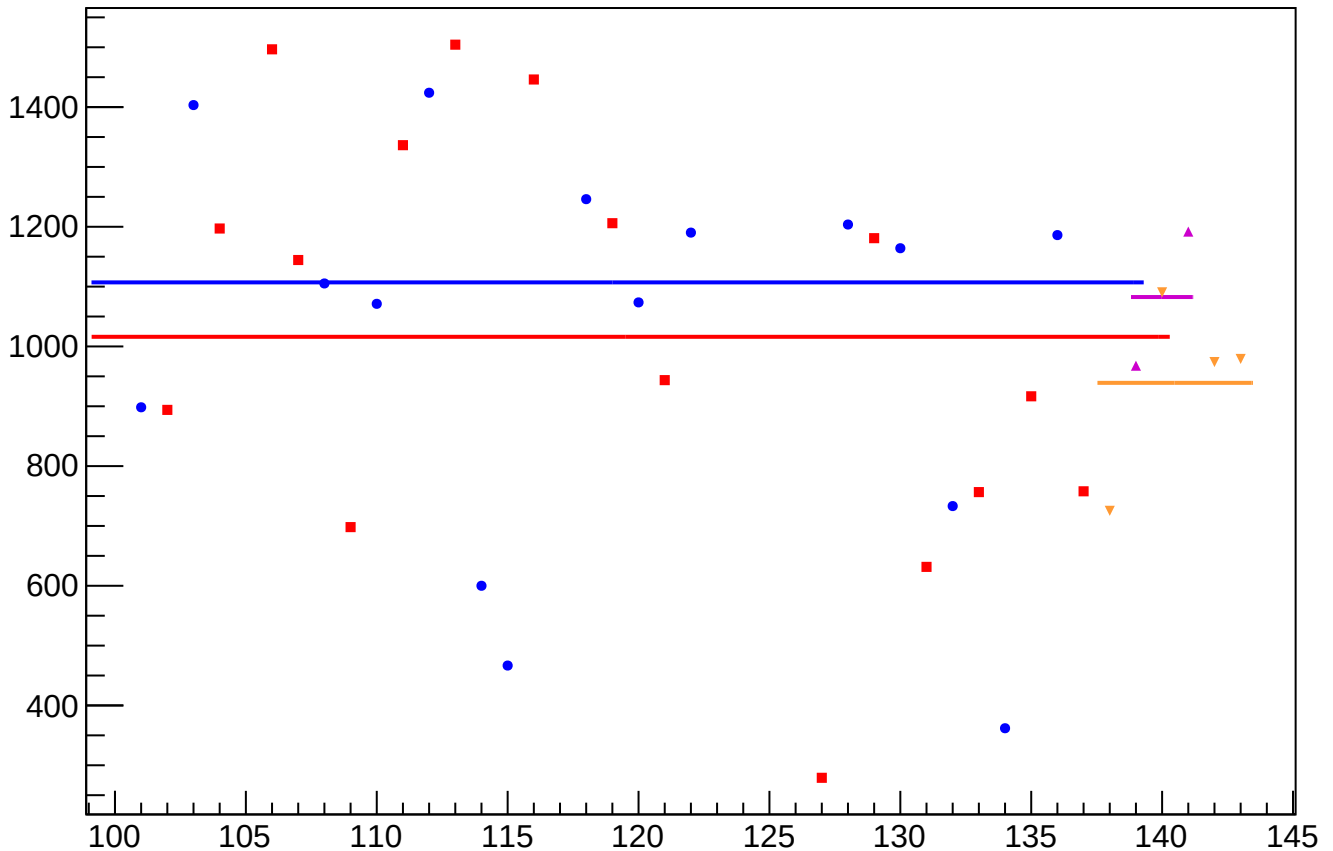
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 237.992+/-0.000 χ^2/NDF : 380454780352925982885157784684331008.0/3

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

Left In: 220.309+/-0.000 χ^2/NDF : 86036493214917393706997183141642240.0/1

dit_sam7_coil4_Ndata_mean vs Slug



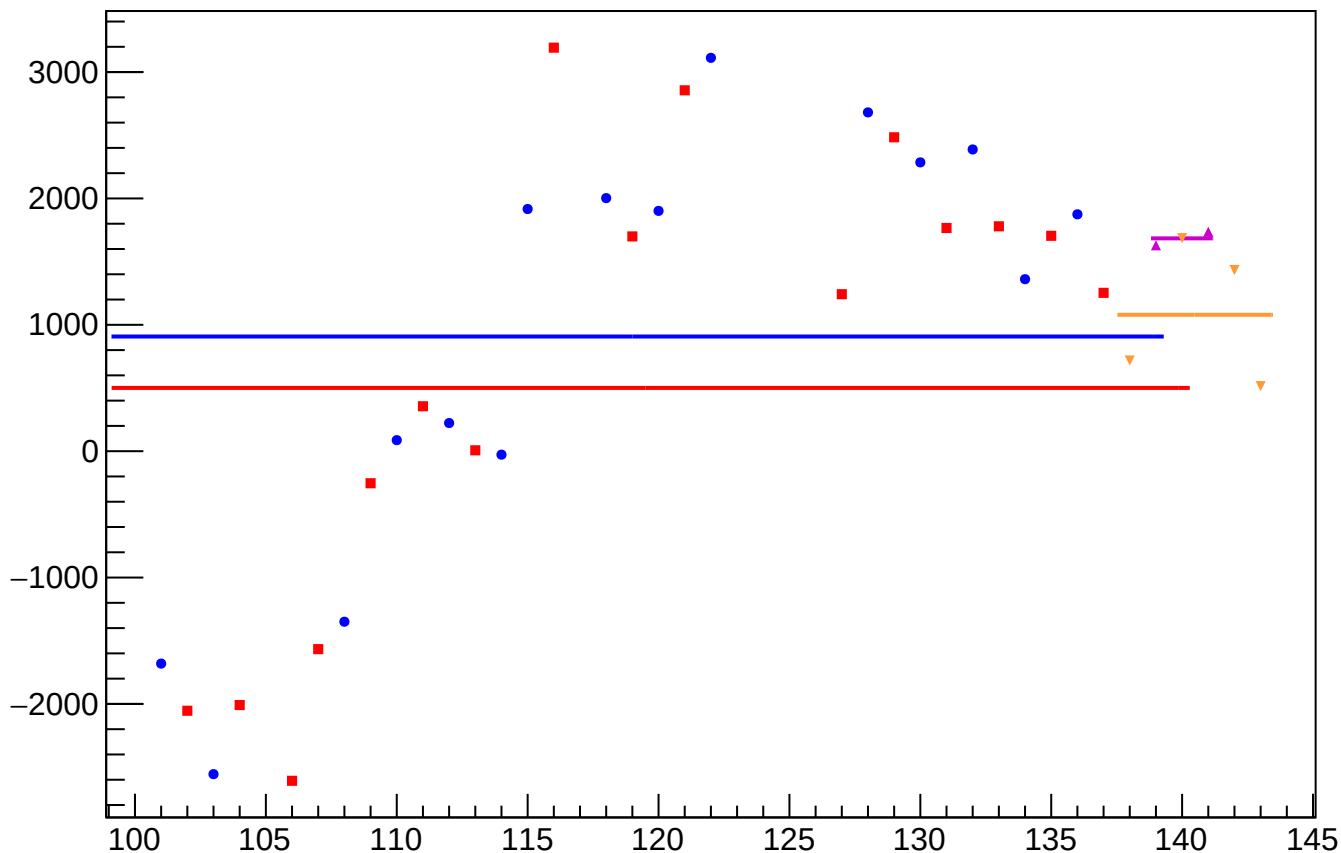
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam8_coil4_mean vs Slug



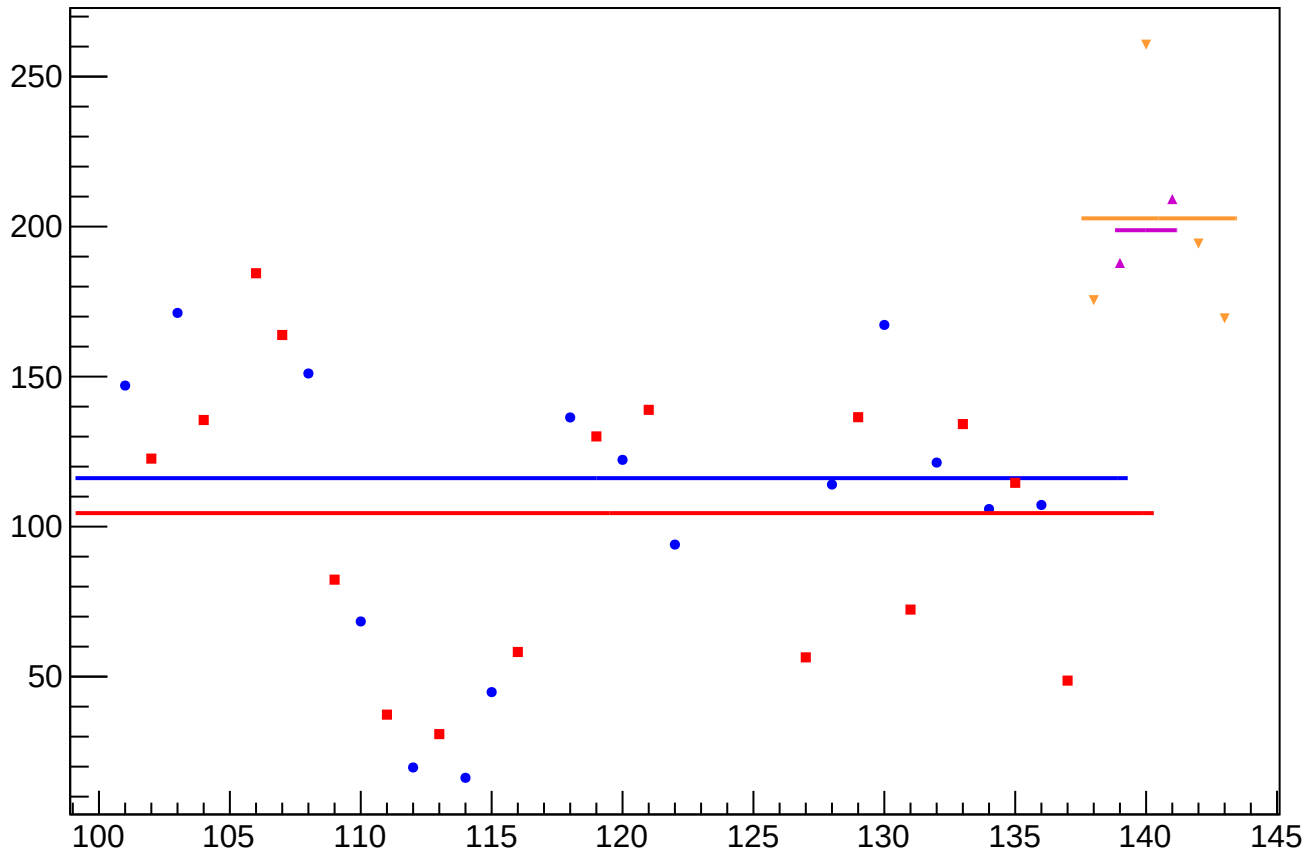
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14

Left Out: 1079.301+/-0.000 χ^2/NDF : 67507632985180797273247803165573644288.0/3

Right Out: 500.689+/-0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15

Left In: 1684.114+/-0.000 χ^2/NDF : 474286723011379184902712783693414400.0/1

dit_sam8_coil4_err_mean vs Slug



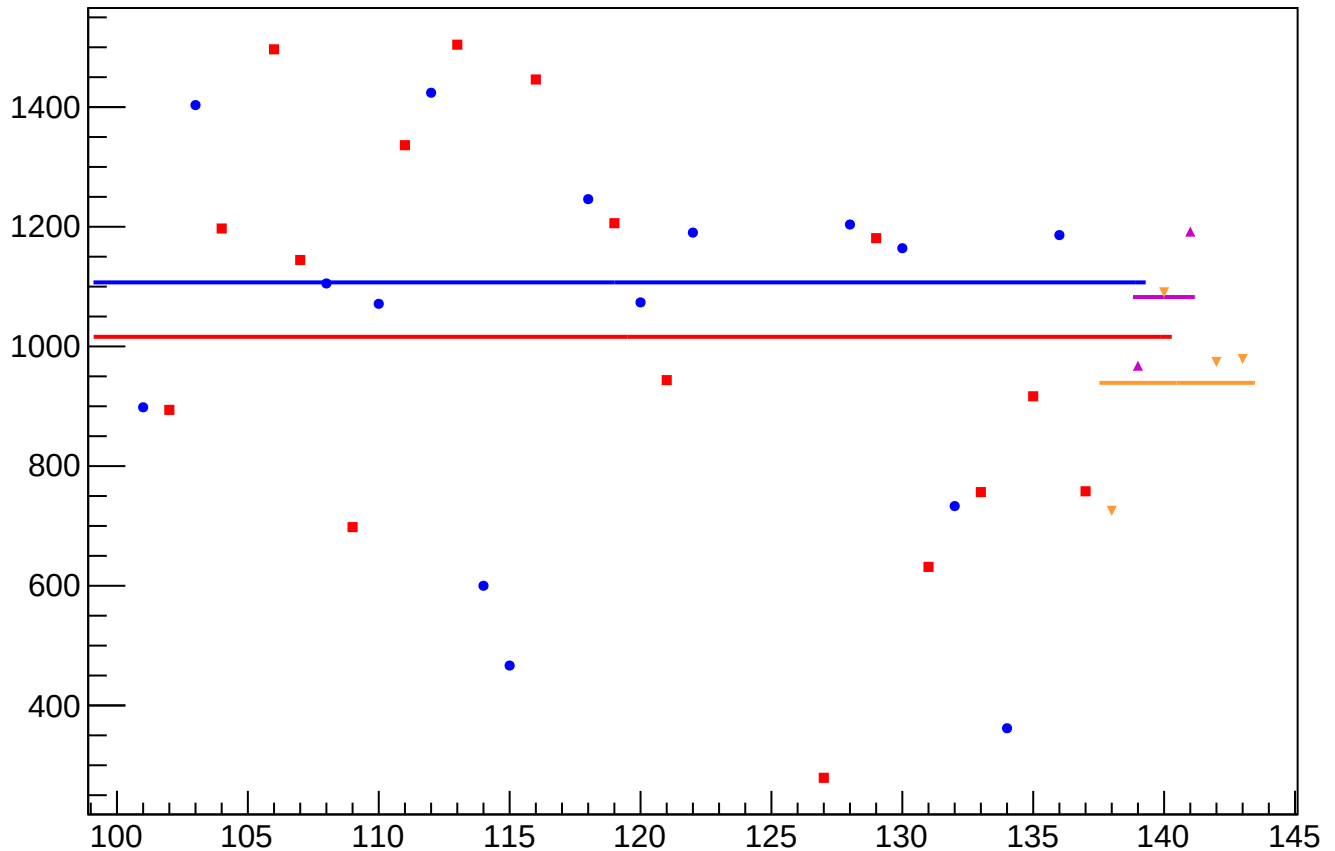
Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14

Left Out: 202.747+/-0.000 χ^2/NDF : 410523102899586013077783418190692352.0/3

Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15

Left In: 198.791+/-0.000 χ^2/NDF : 18774489874700693202083703714480128.0/1

dit_sam8_coil4_Ndata_mean vs Slug



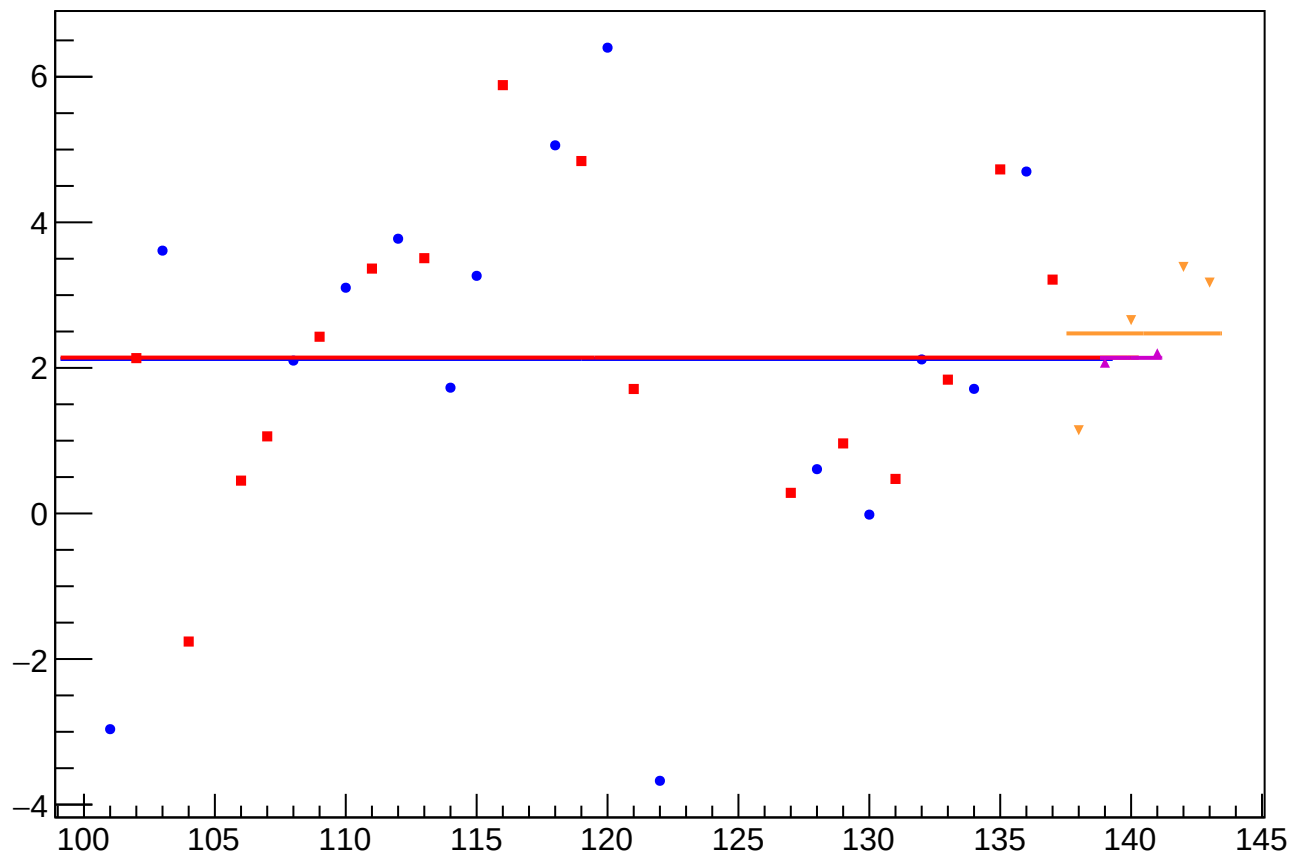
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4aX_coil6_mean vs Slug



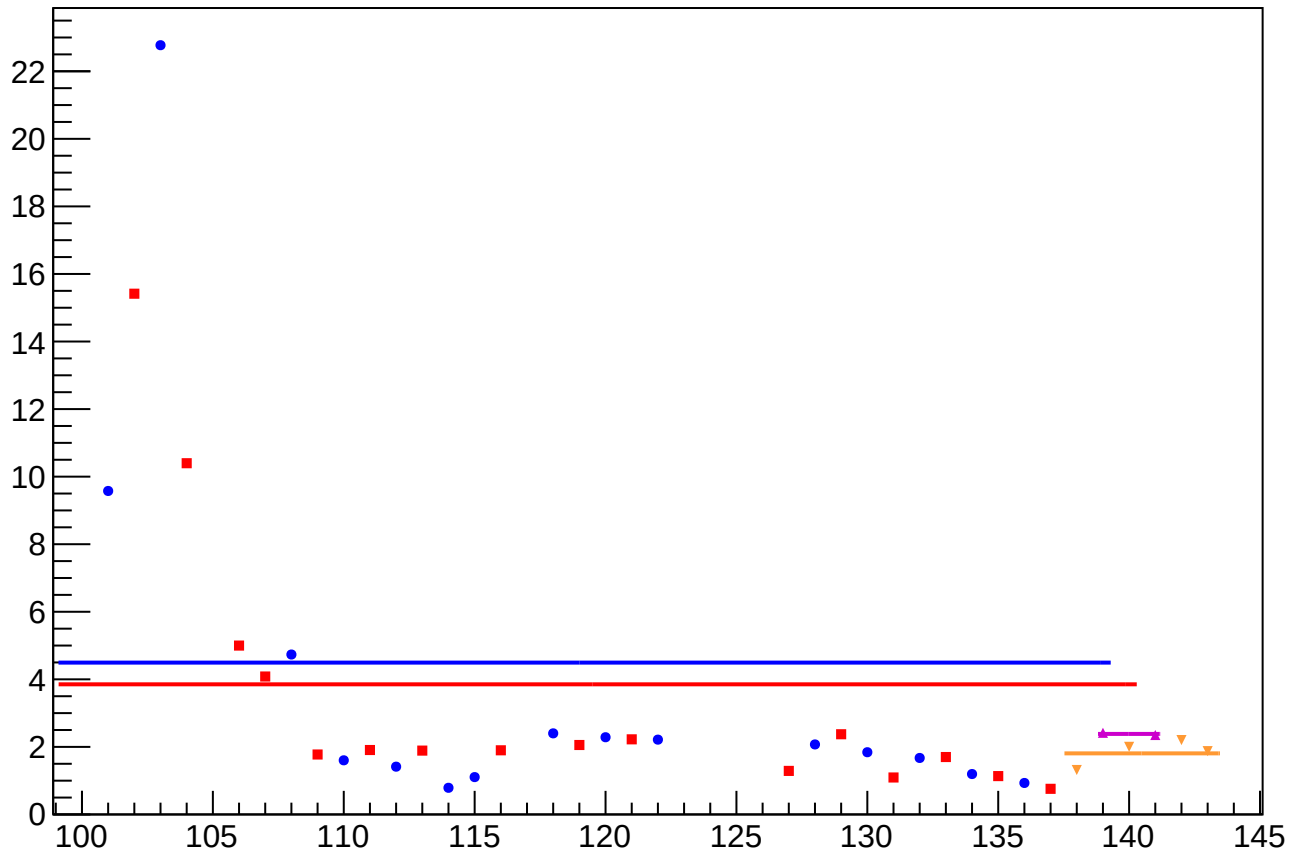
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 2.474+/-0.000 χ^2/NDF : 211831530417270803502716480913408.0/3

Right Out: 2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15

Left In: 2.138+/-0.000 χ^2/NDF : 688190970526724497982246354944.0/1

dit_4aX_coil6_err_mean vs Slug



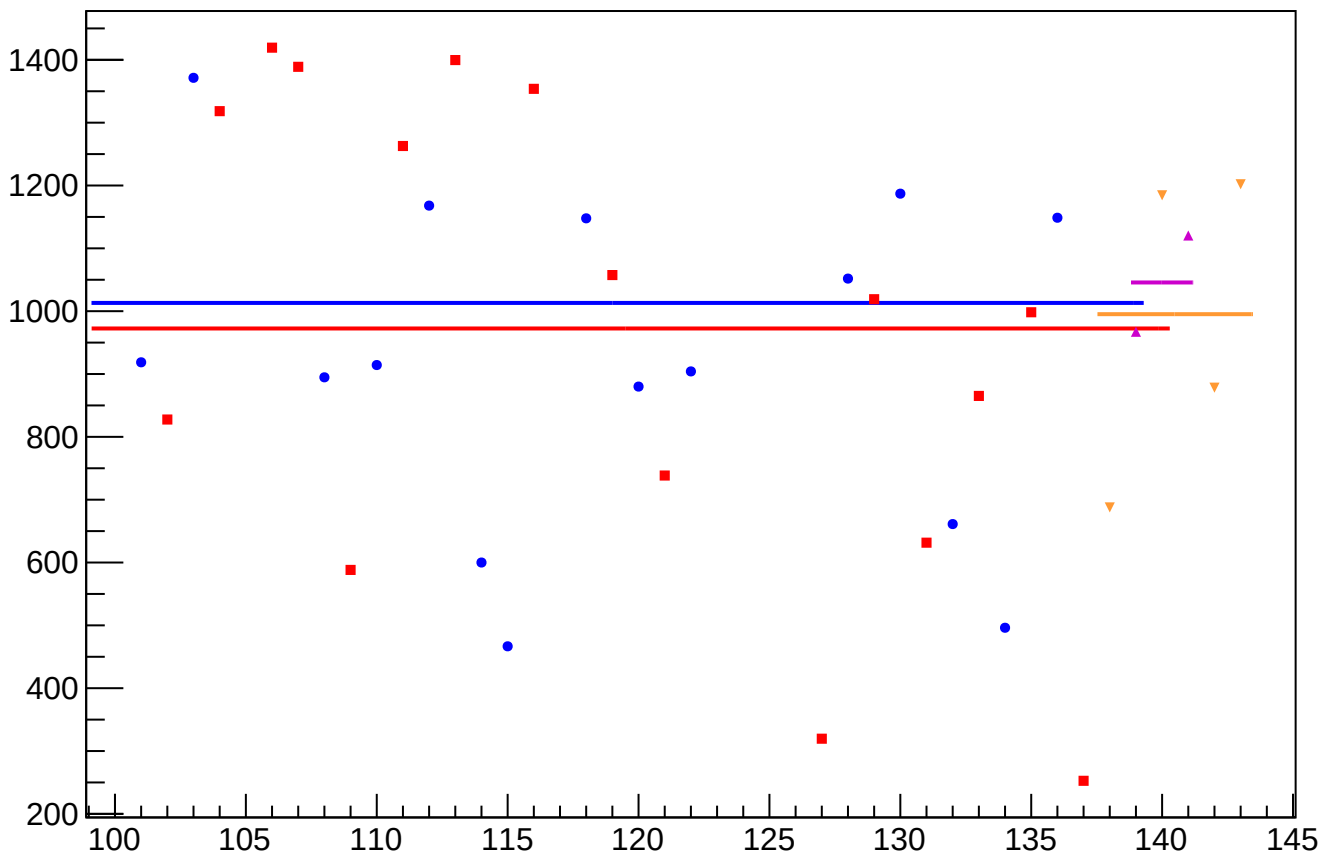
Right In: 4.495 $\pm$ 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.808 $\pm$ 0.000 χ^2/NDF : 29425893297297598061150010867712.0/3

Right Out: 3.852 $\pm$ 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

Left In: 2.384 $\pm$ 0.000 χ^2/NDF : 177999753093581773921809596416.0/1

dit_4aX_coil6_Ndata_mean vs Slug



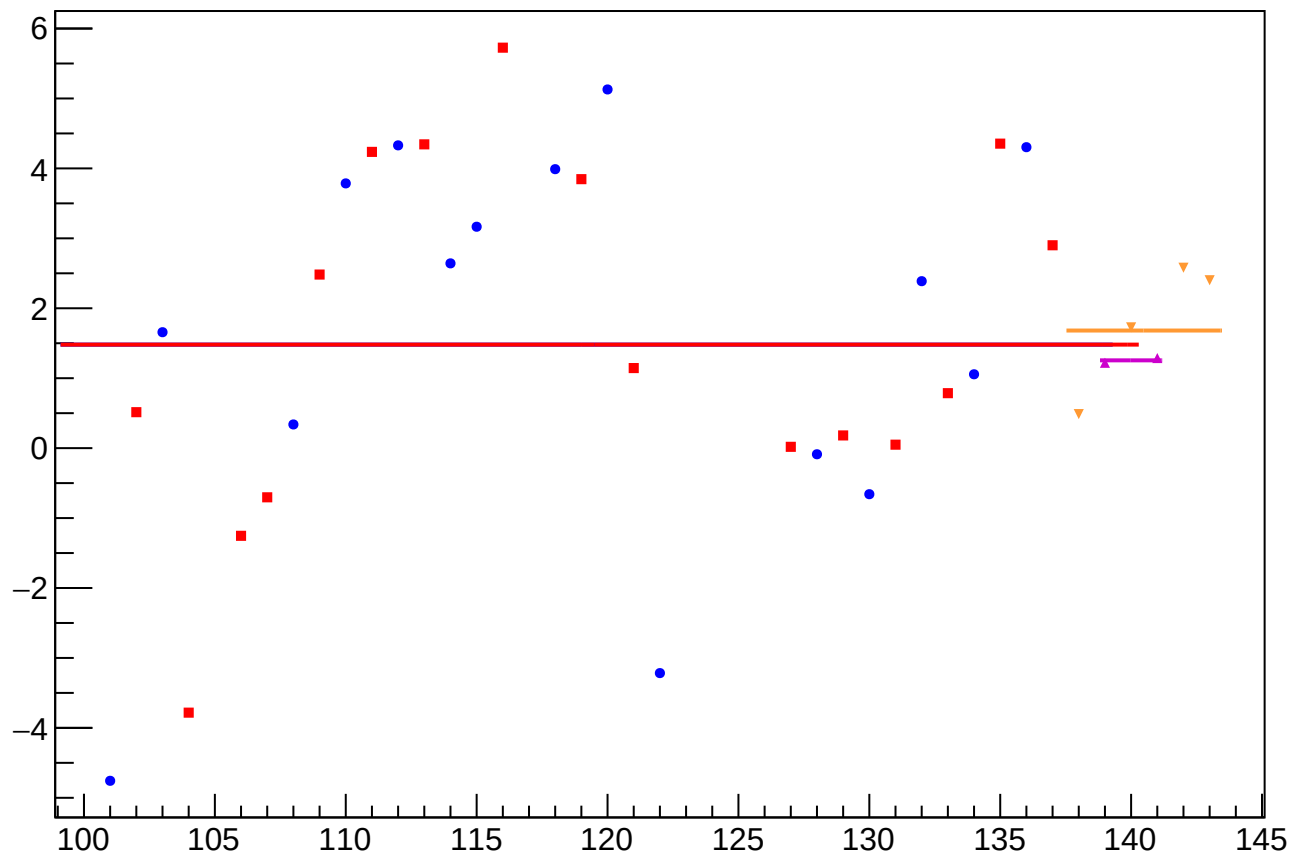
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_4eX_coil6_mean vs Slug



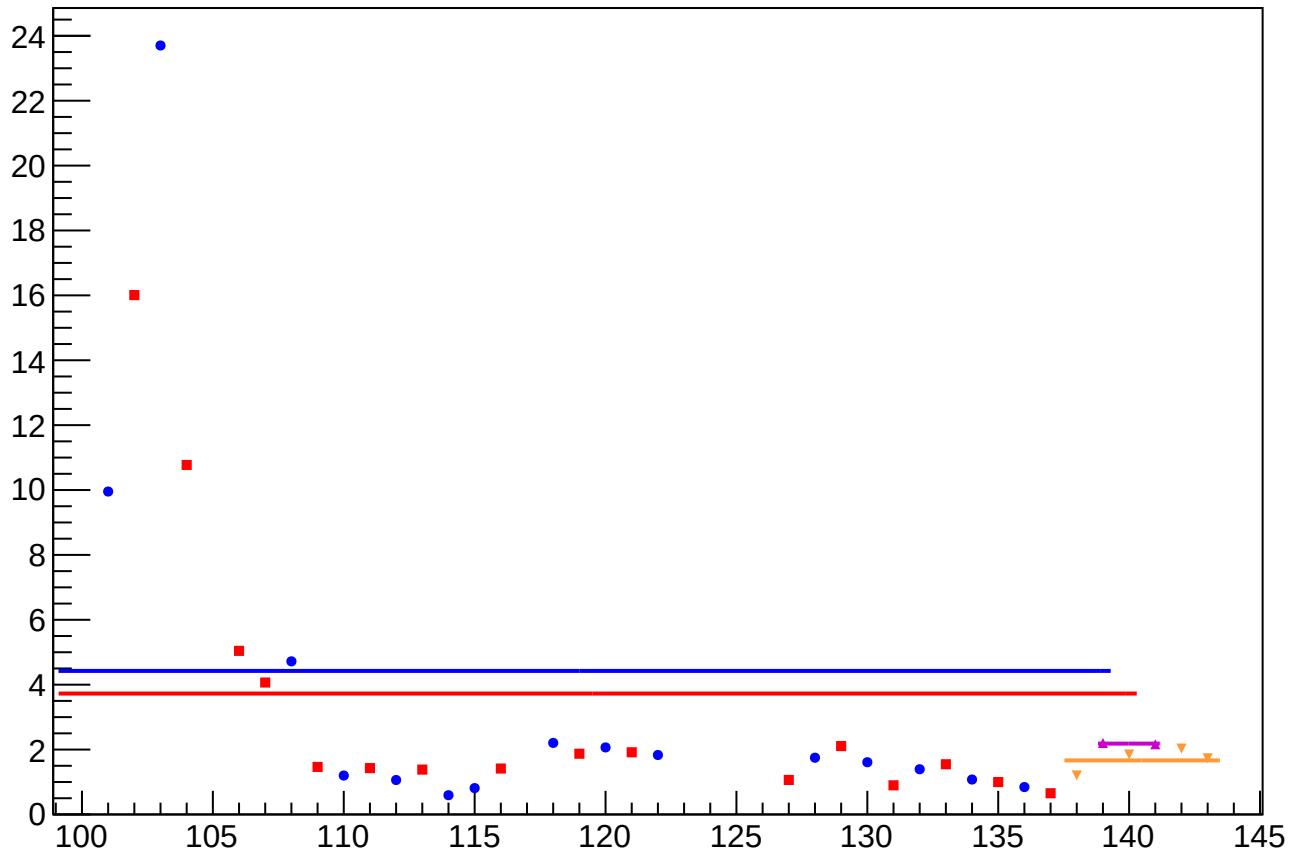
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 1.682+/-0.000 χ^2/NDF : 183303908253128646042512005267456.0/3

Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: 1.255+/-0.000 χ^2/NDF : 190512210038681042511651143680.0/1

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.666+/-0.000 χ^2/NDF : 25809628845596465238923871780864.0/3

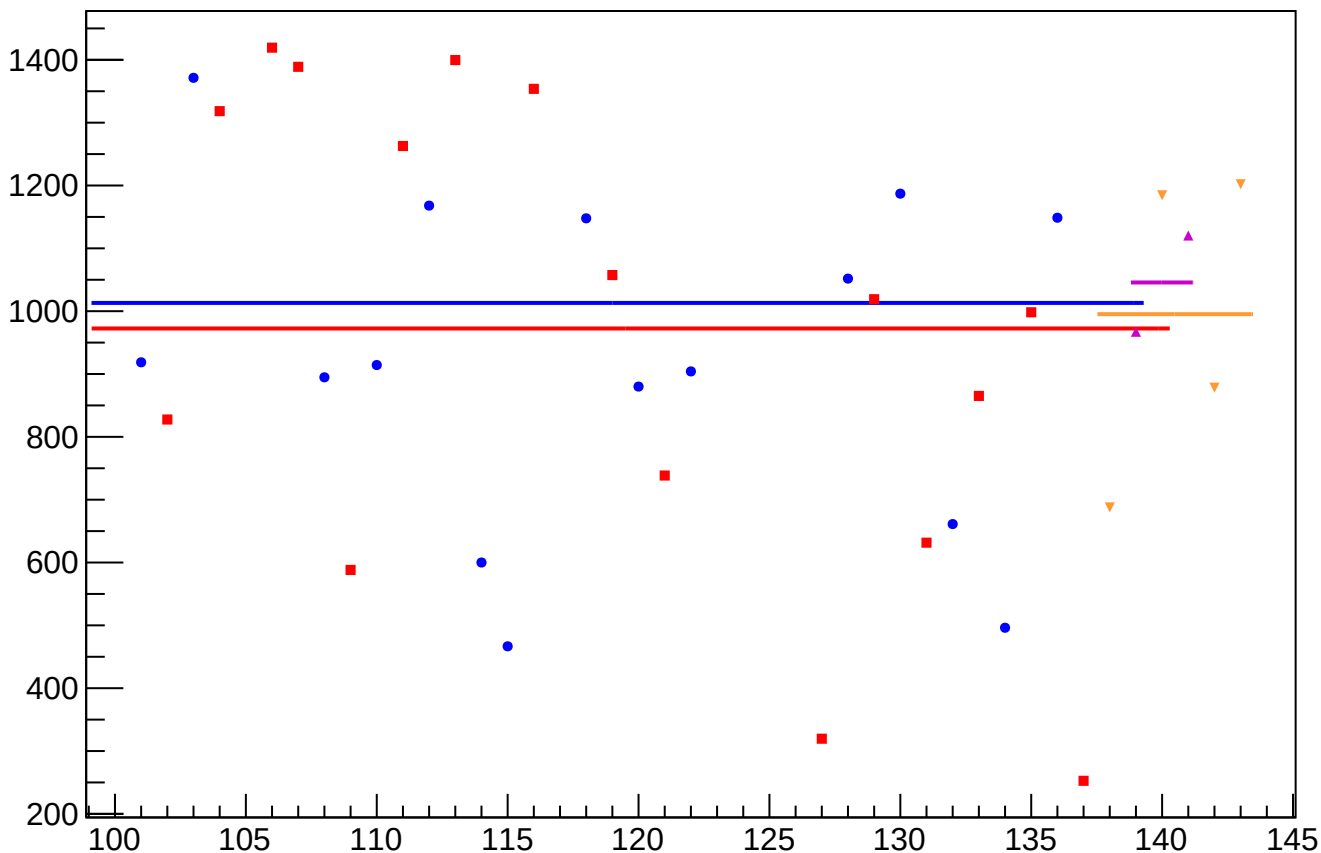
Right Out: 3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

Left In: 2.184+/-0.000 χ^2/NDF : 65312899576592818012627664896.0/1

3.608+/-0.000 χ^2/NDF : 2974564415785513460

3.420+/-0.000 χ^2/NDF : 1430844288235409939

dit_4eX_coil6_Ndata_mean vs Slug



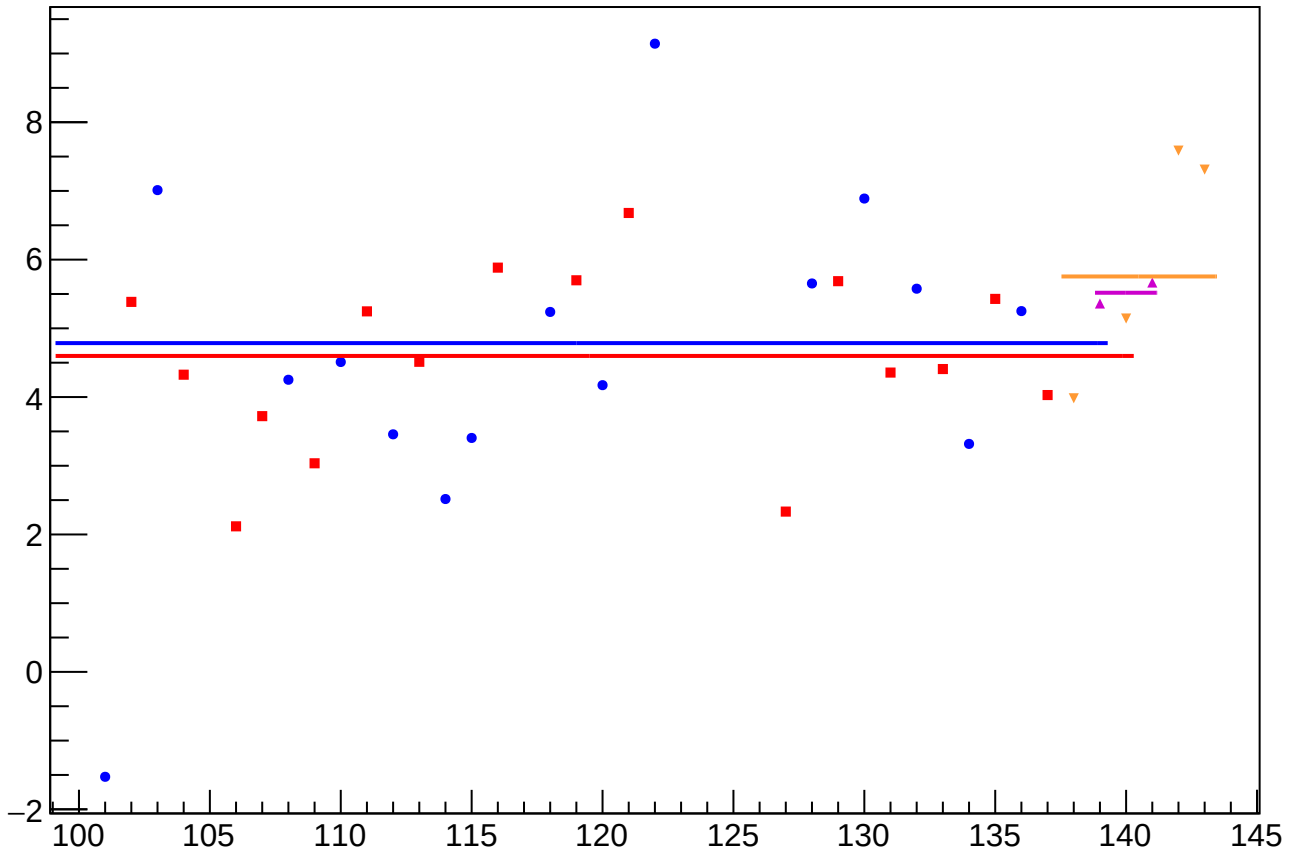
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_11X12X_coil6_mean vs Slug



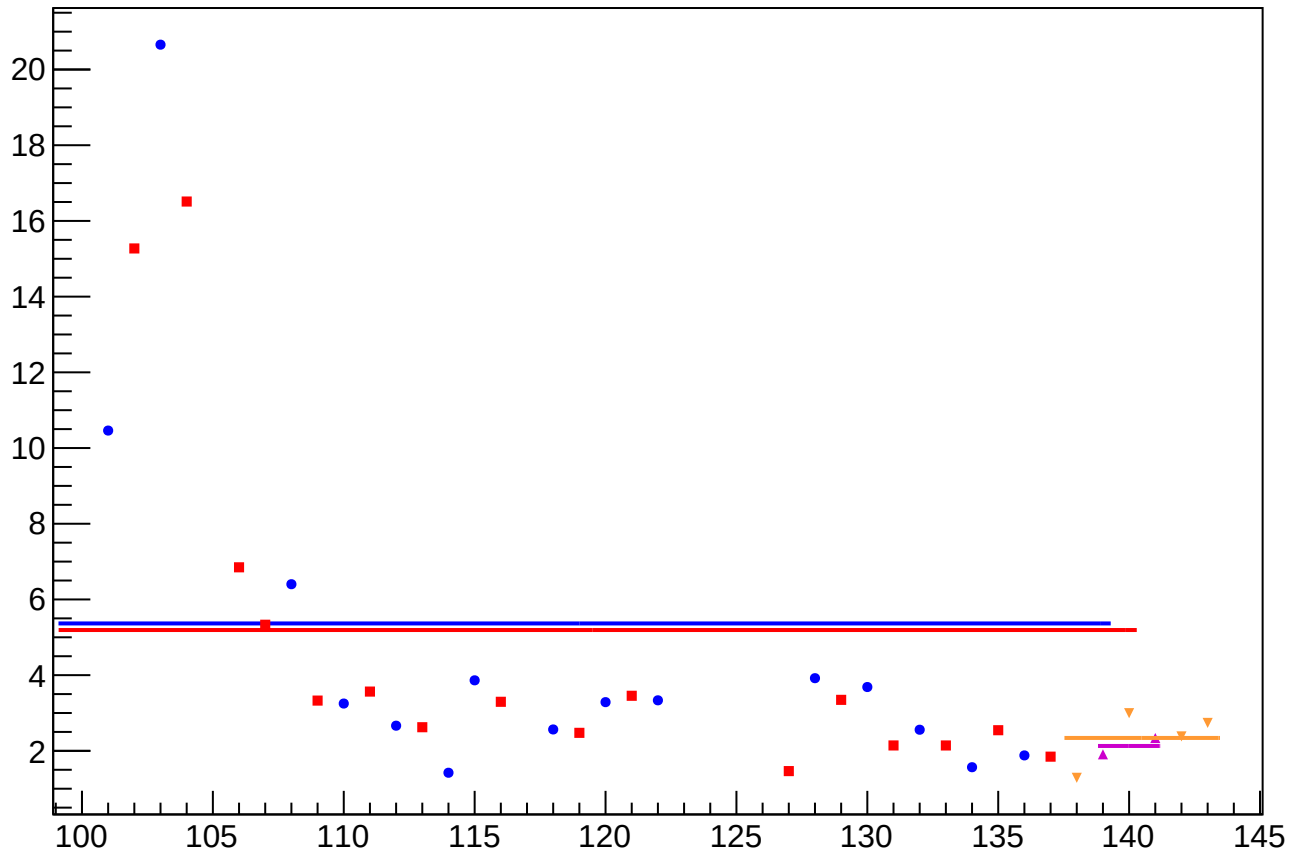
Right In: 4.785 ± 0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.755 ± 0.000 χ^2/NDF : 592301610219872196117956151738368.0/3

Right Out: 4.598 ± 0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: 5.518 ± 0.000 χ^2/NDF : 3870615159417457836496208789504.0/1

dit_11X12X_coil6_err_mean vs Slug



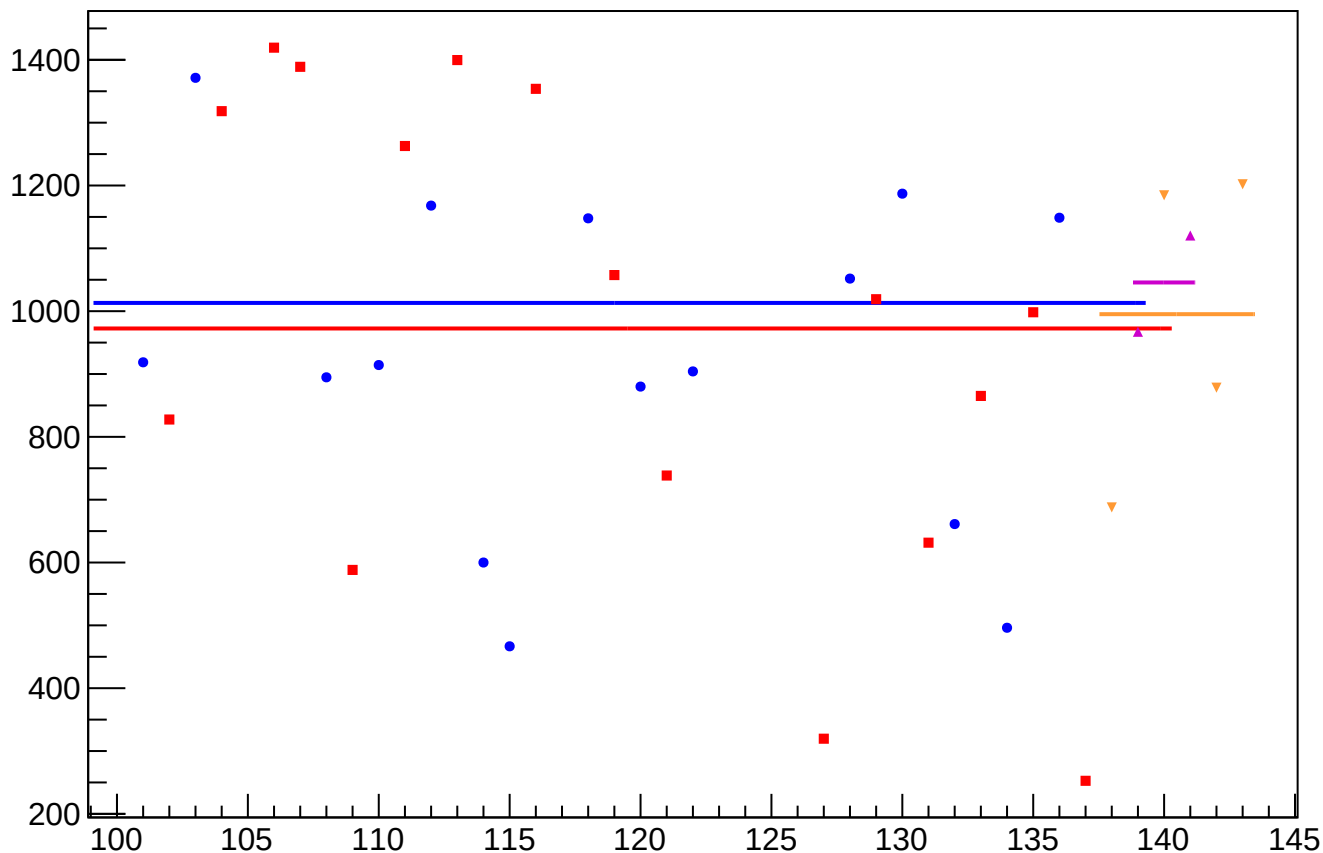
Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.341+/-0.000 χ^2/NDF : 132211207909624020423836895805440.0/3

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

Left In: 2.129+/-0.000 χ^2/NDF : 7696078065675706939430198575104.0/1

dit_11X12X_coil6_Ndata_mean vs Slug



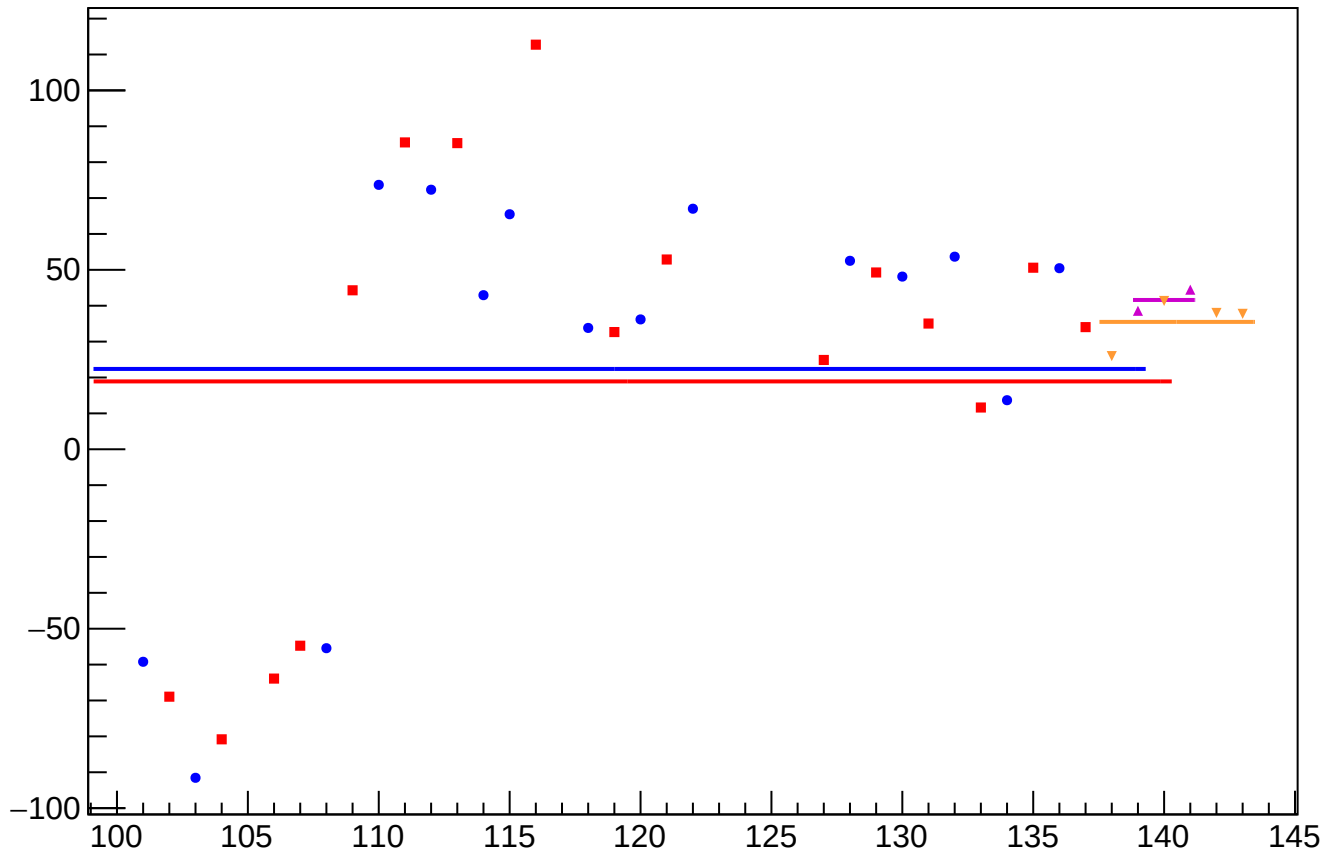
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687 ± 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_4aY_coil6_mean vs Slug



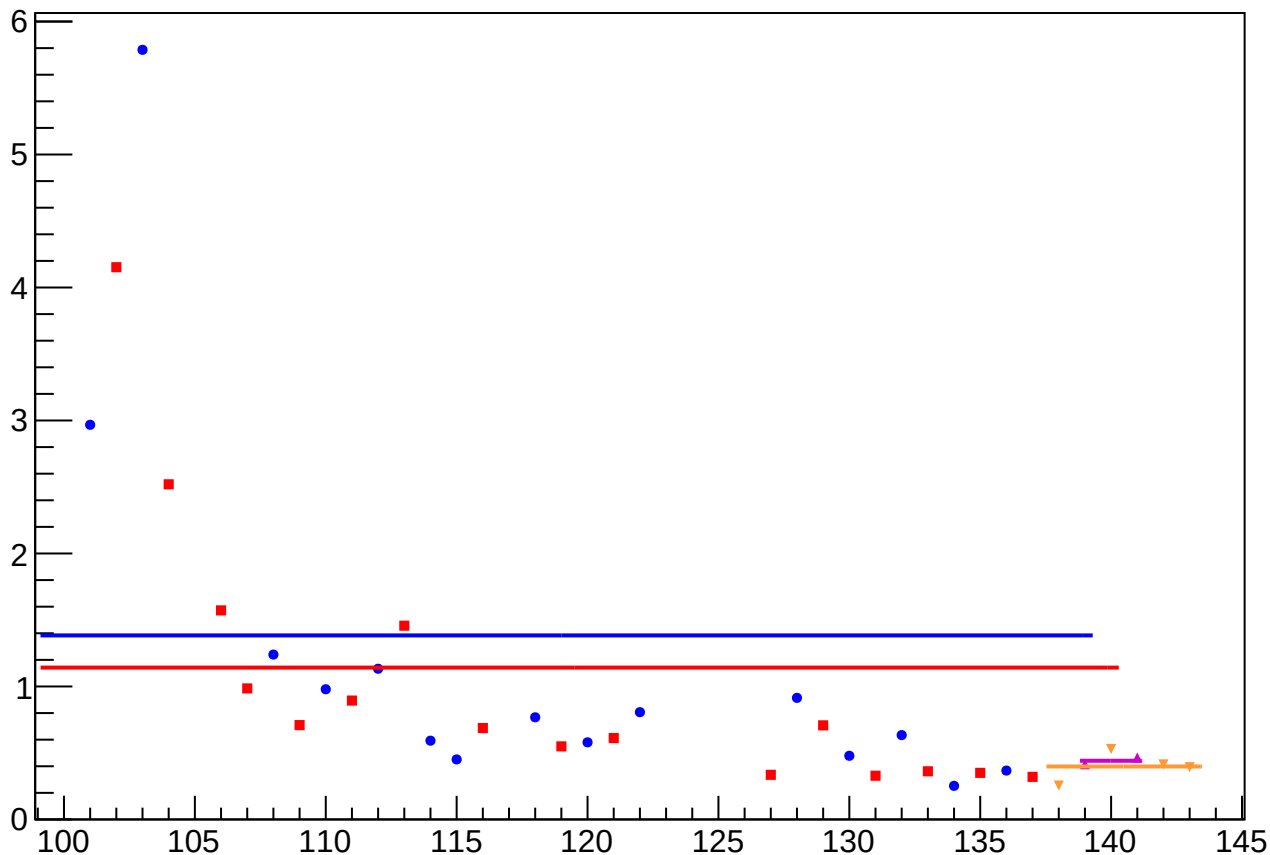
Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 35.493+/-0.000 χ^2/NDF : 10509063747081919195347961090408448.0/3

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

Left In: 41.602+/-0.000 χ^2/NDF : 1435270892026708297277973989425152.0/1

dit_4aY_coil6_err_mean vs Slug



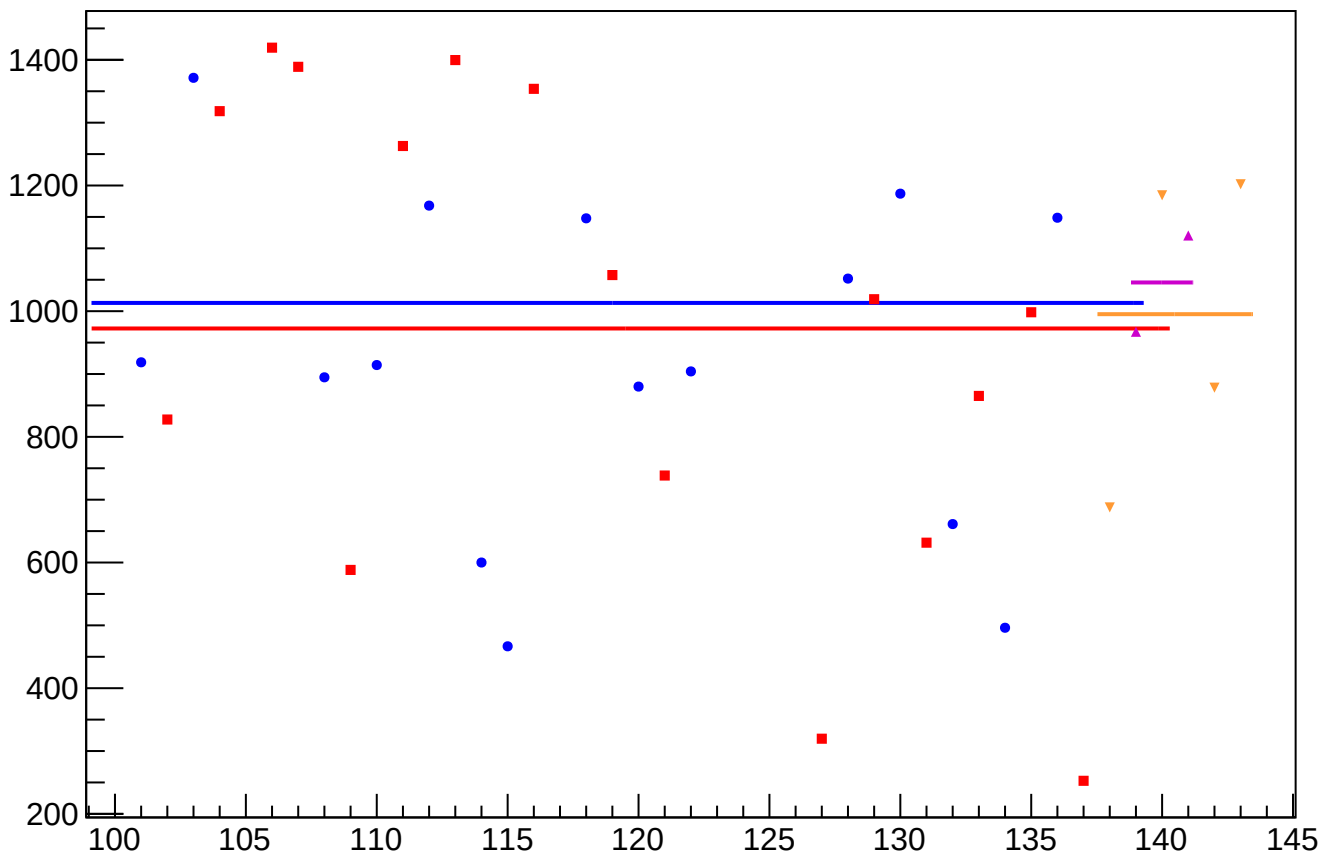
Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.398 ± 0.000 χ^2/NDF : 3025666220192006528147914752000.0/3

Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

Left In: 0.441 ± 0.000 χ^2/NDF : 109138916307478538822738771968.0/1

dit_4aY_coil6_Ndata_mean vs Slug



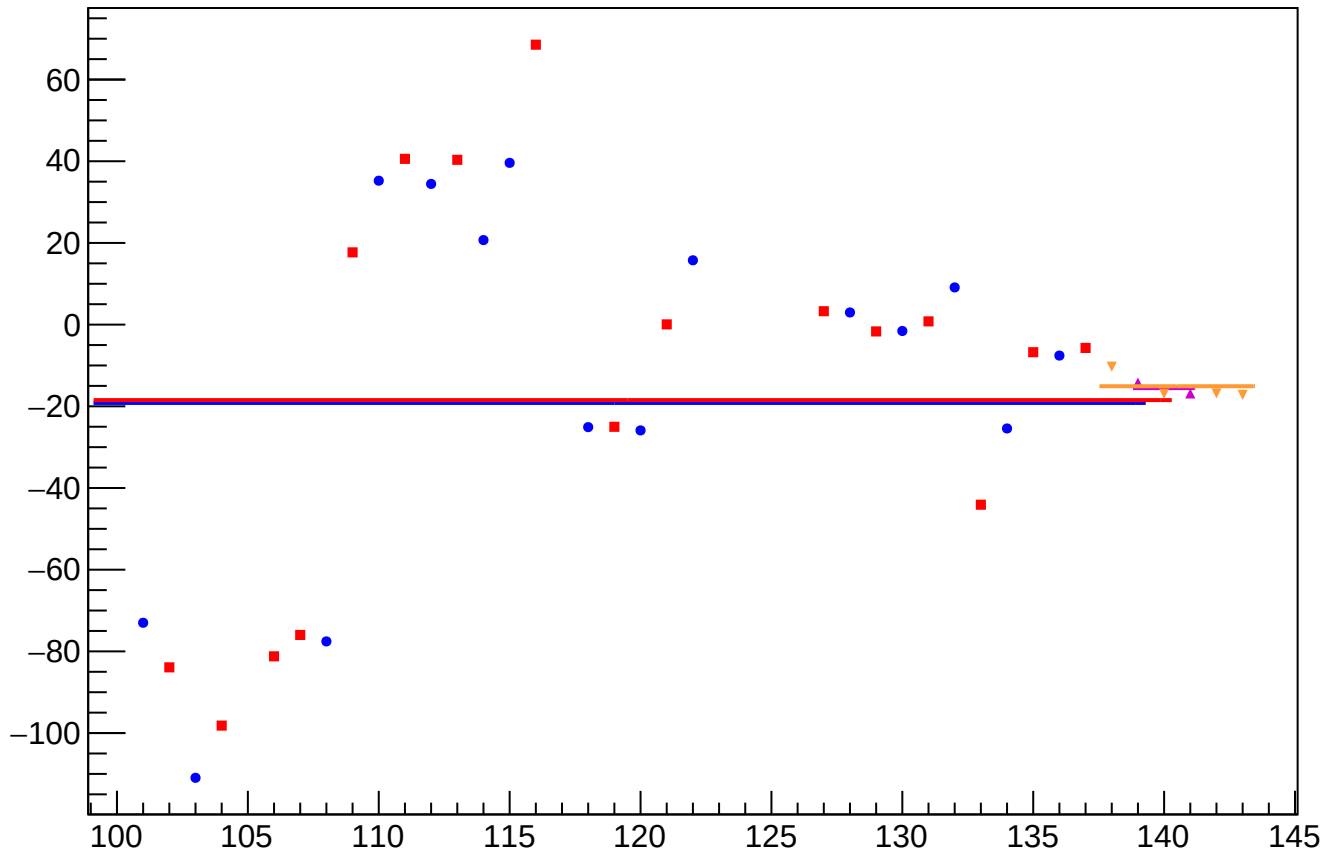
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_4eY_coil6_mean vs Slug



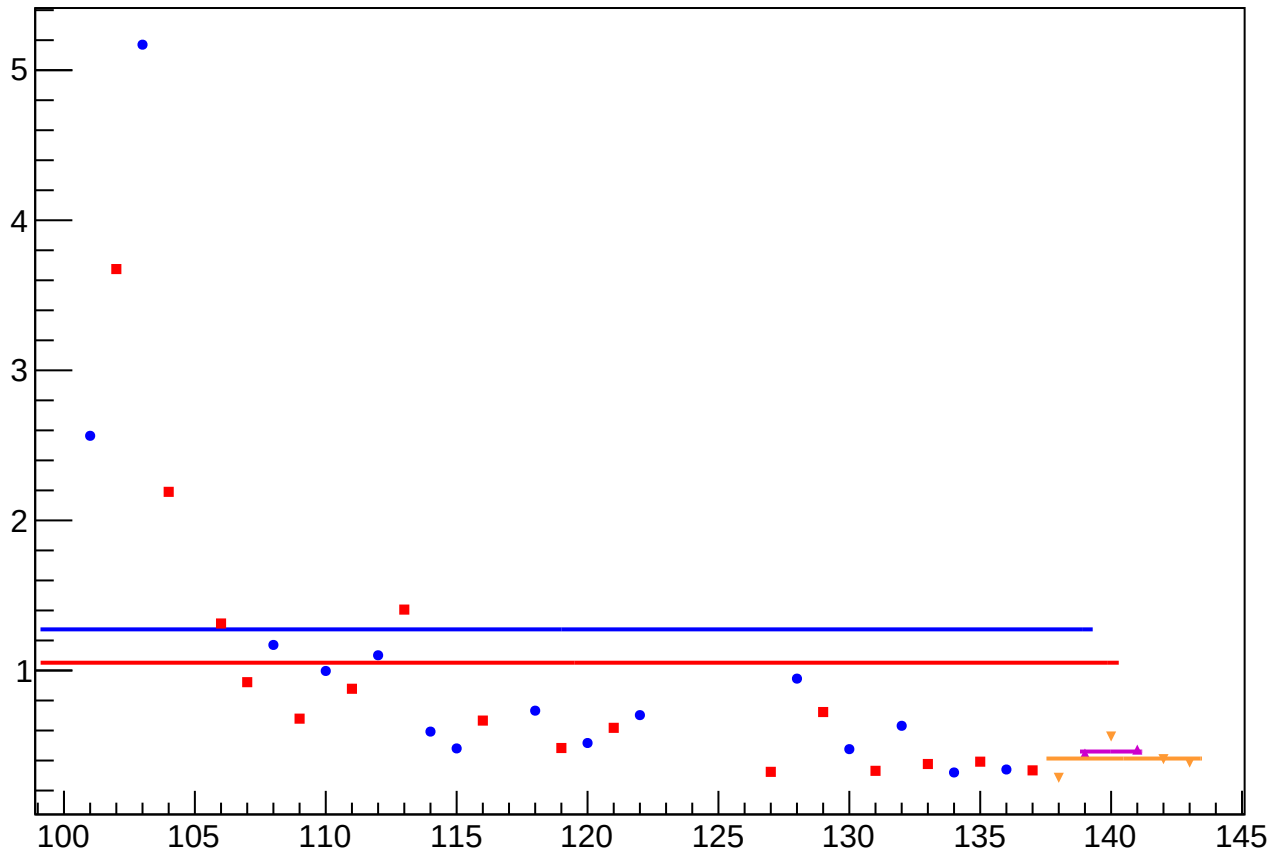
Right In: -19.175+/-0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -15.086+/-0.000 χ^2/NDF : 2507065729335252645628906106257408.0/3

Right Out: -18.479+/-0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -15.548+/-0.000 χ^2/NDF : 295313180032183798441545266364416.0/1

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.413+/-0.000 χ^2/NDF : 3099657026170121235946989944832.0/3

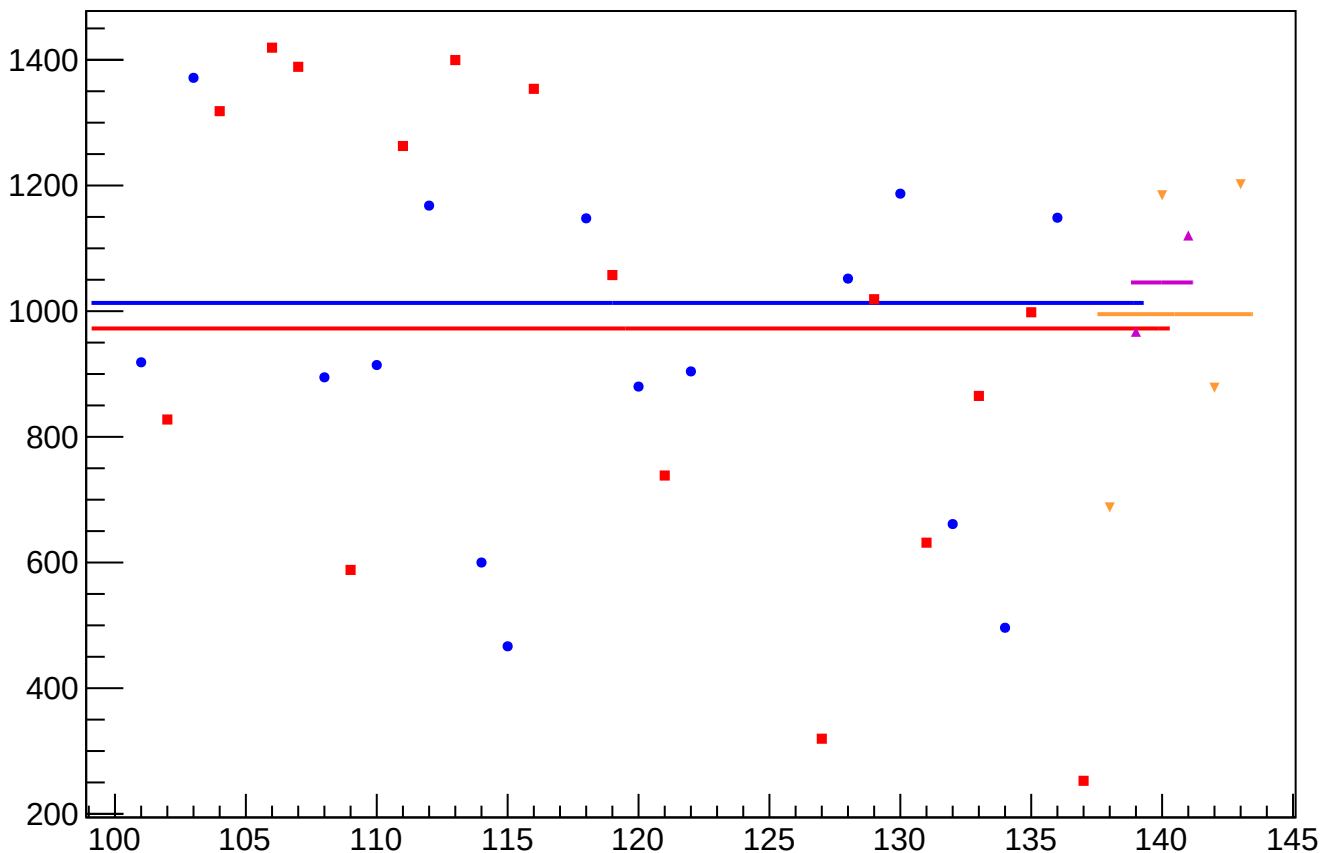
Right Out: 1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

Left In: 0.460+/-0.000 χ^2/NDF : 28676651237669113686858399744.0/1

1.019+/-0.000 χ^2/NDF : 1357482965740439414

0.934+/-0.000 χ^2/NDF : 6539023309909647496

dit_4eY_coil6_Ndata_mean vs Slug



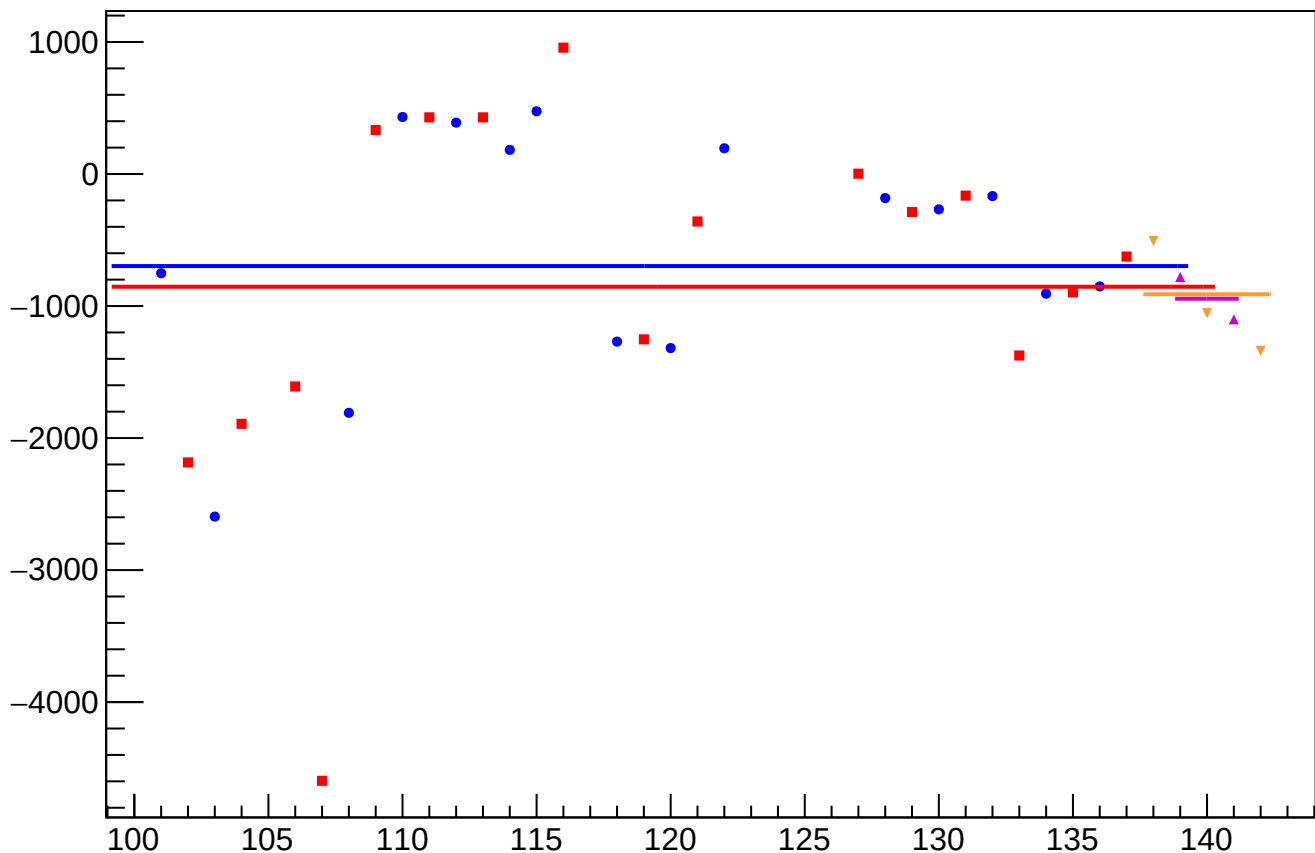
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

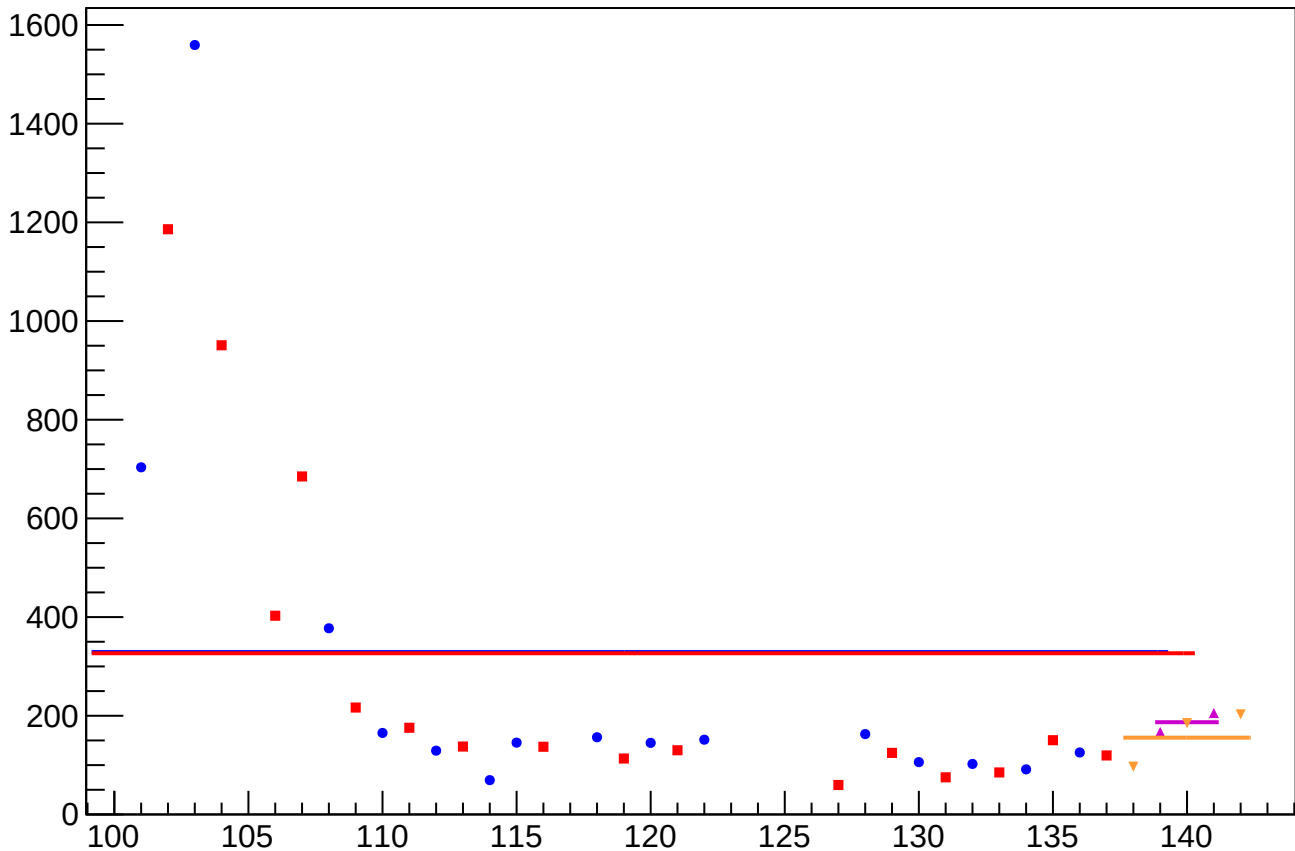
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_usl_coil6_mean vs Slug



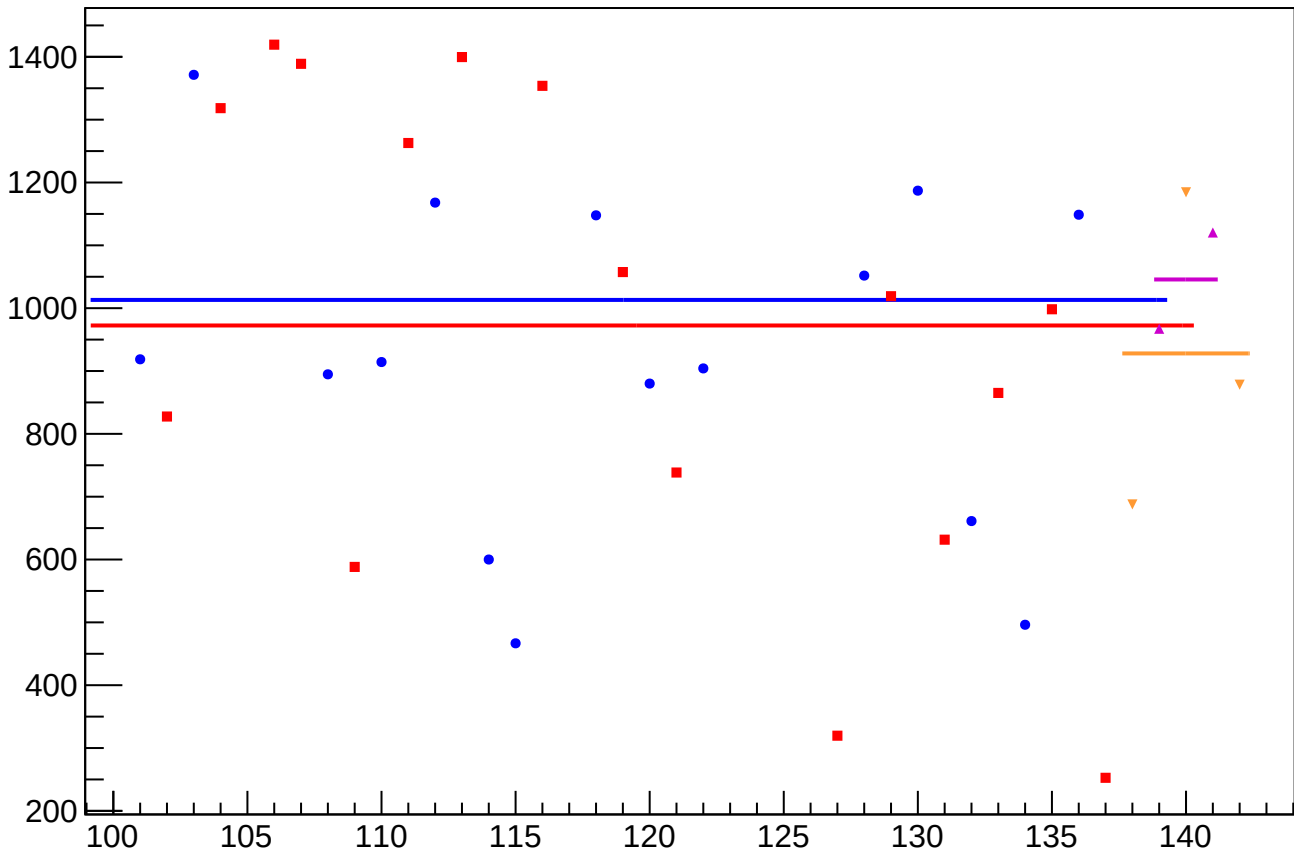
Right In: -697.283+/-0.000	χ^2/NDF : 490435790698133828475769692944364208128.0/14
Left Out: -910.870+/-0.000	χ^2/NDF : 22820019646586669628480495119138553856.0/2
Right Out: -853.734+/-0.000	χ^2/NDF : 1078379020126412317155932275156201766912.0/15
Left In: -944.426+/-0.000	χ^2/NDF : 4260670985639431005147582372981506048.0/1

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 155.641+/-0.000 χ^2/NDF : 443073789349524555903879624024653824.0/2
 Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Left In: 186.954+/-0.000 χ^2/NDF : 60557898973665265387524180739620864.0/1

dit_usl_coil6_Ndata_mean vs Slug



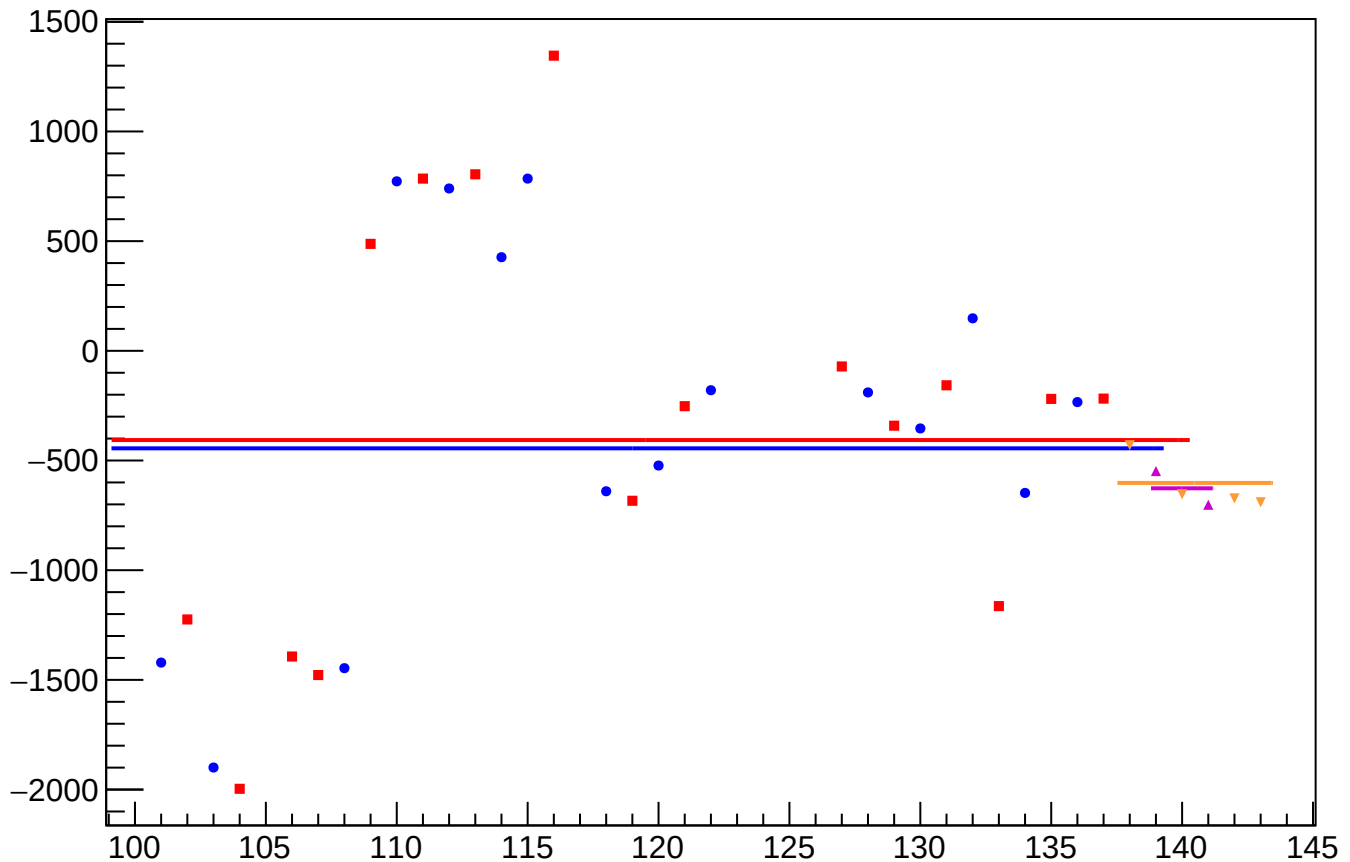
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

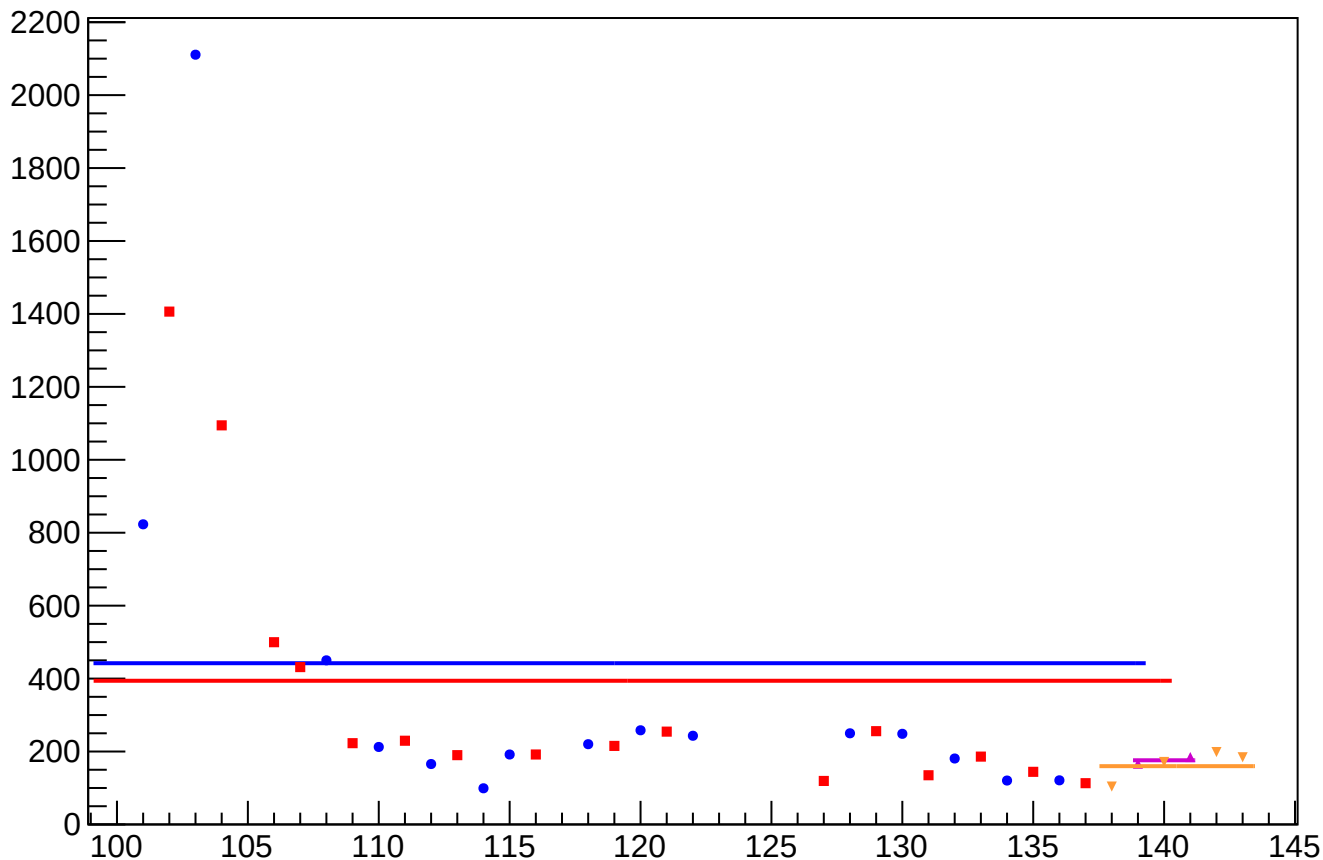
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_usr_coil6_mean vs Slug



Right In: -444.512 ± 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -602.165 ± 0.000 χ^2/NDF : 3285095122083930811468617045990440960.0/3
 Right Out: -406.729 ± 0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 Left In: -626.708 ± 0.000 χ^2/NDF : 978400239714787313103183897664946176.0/1

dit_usr_coil6_err_mean vs Slug



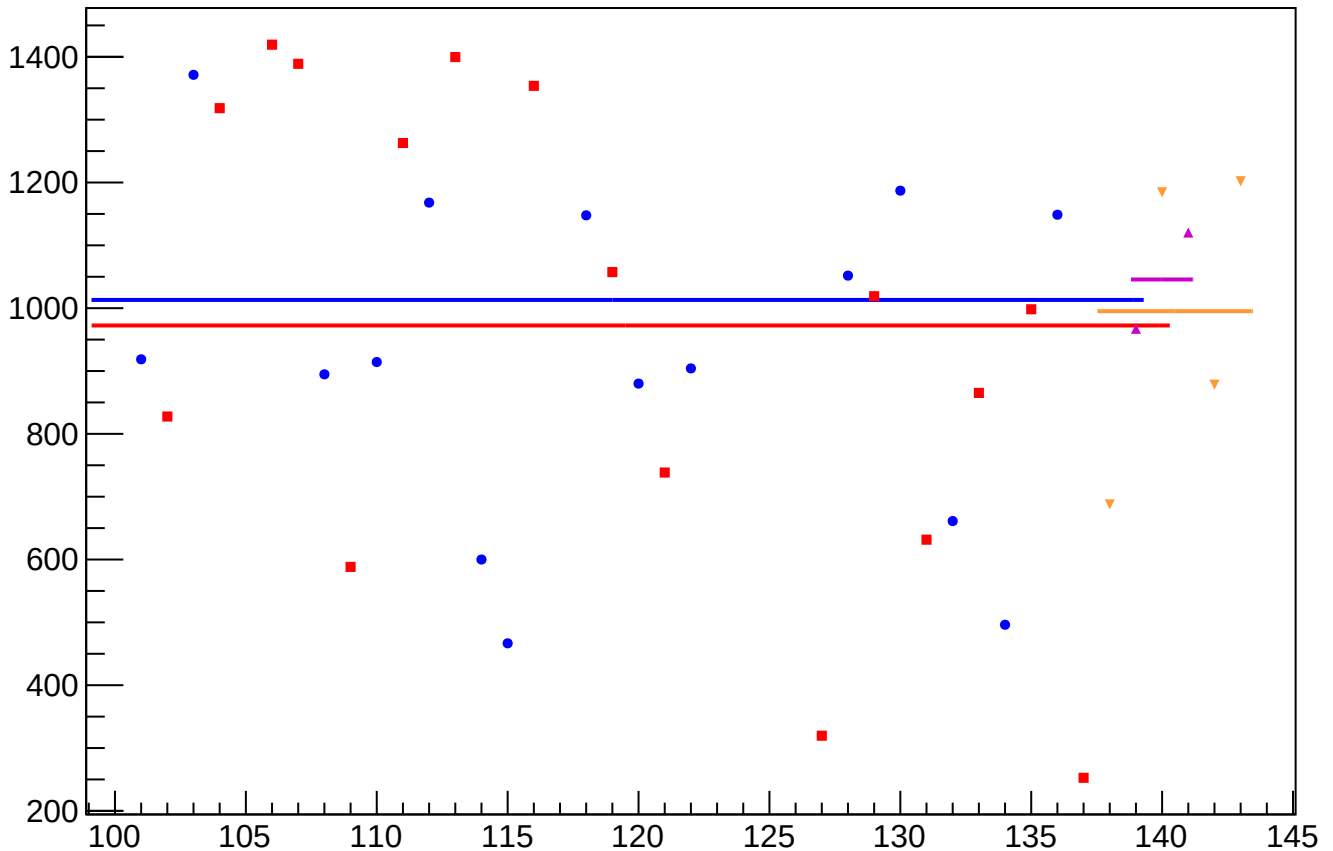
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 159.850+/-0.000 χ^2/NDF : 363498674659414076230998311363936256.0/3

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

Left In: 175.991+/-0.000 χ^2/NDF : 13890639975547150721508315309801472.0/1

dit_usr_coil6_Ndata_mean vs Slug



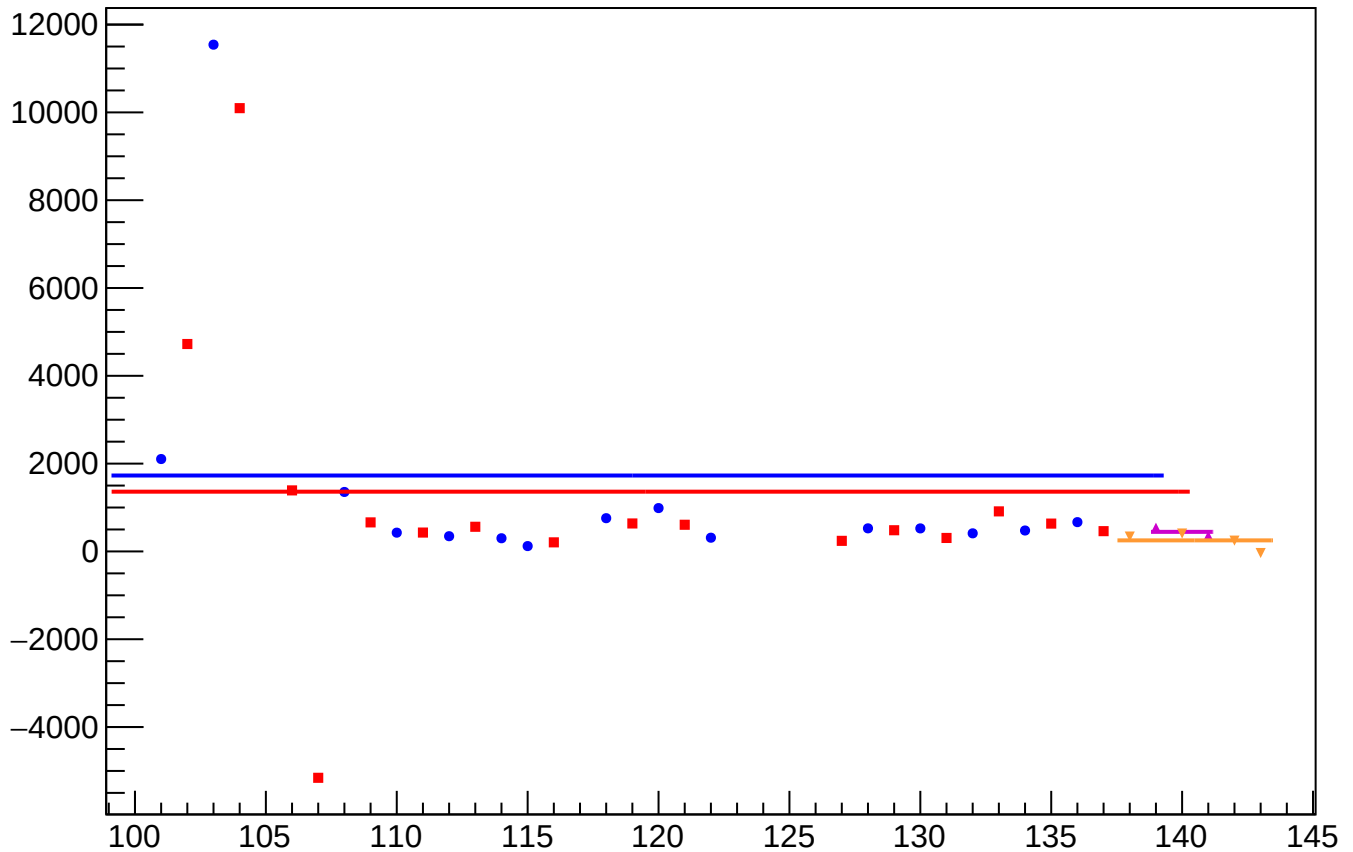
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

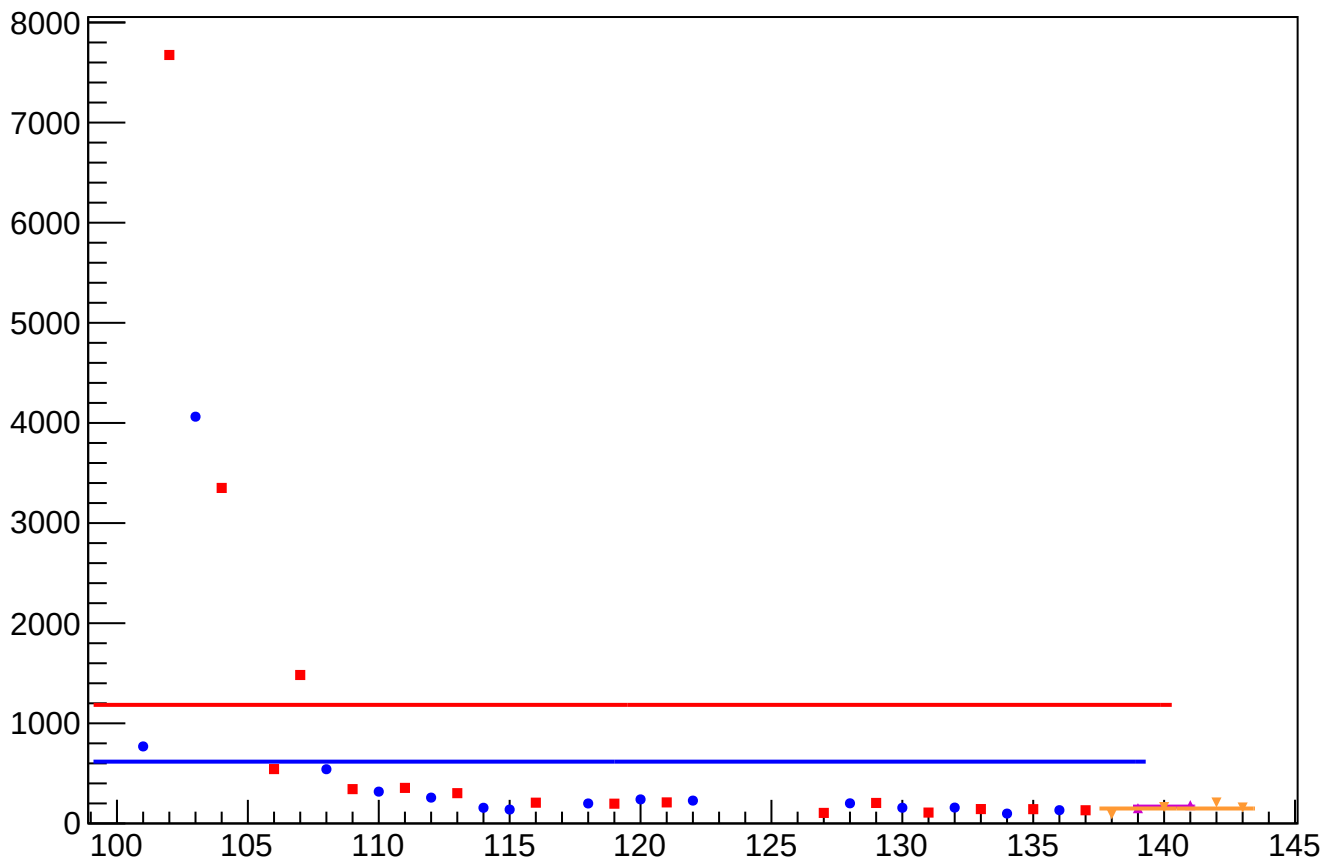
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
Left Out: 251.655+/-0.000 χ^2/NDF : 8152637205134913830492558527574310912.0/3
Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
Left In: 445.563+/-0.000 χ^2/NDF : 1424798255664115649188154826857381888.0/1

dit_atl1_coil6_err_mean vs Slug



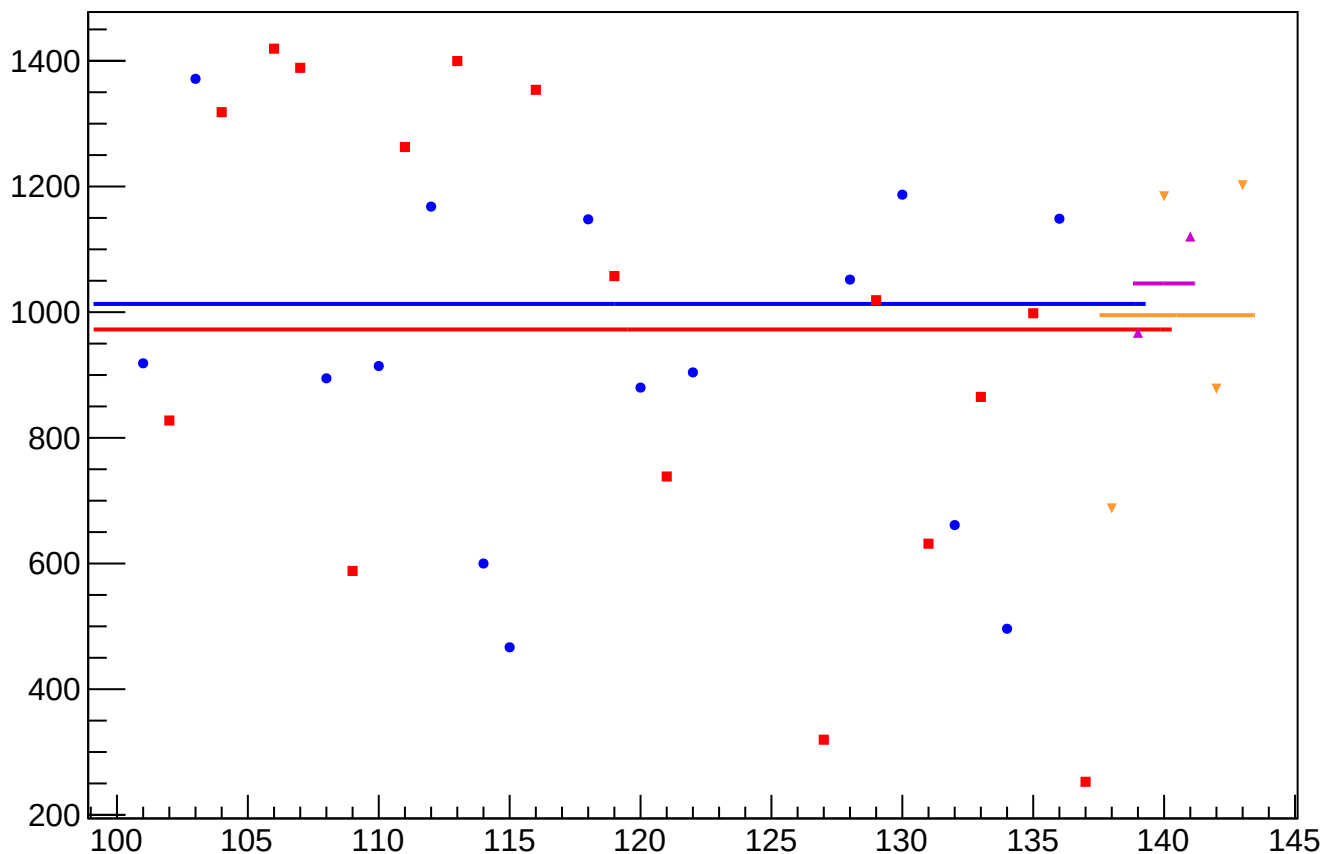
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 149.322+/-0.000 χ^2/NDF : 458467055803352192104933557536817152.0/3

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 168.259+/-0.000 χ^2/NDF : 38354654164112710649043844291624960.0/1

dit_atl1_coil6_Ndata_mean vs Slug



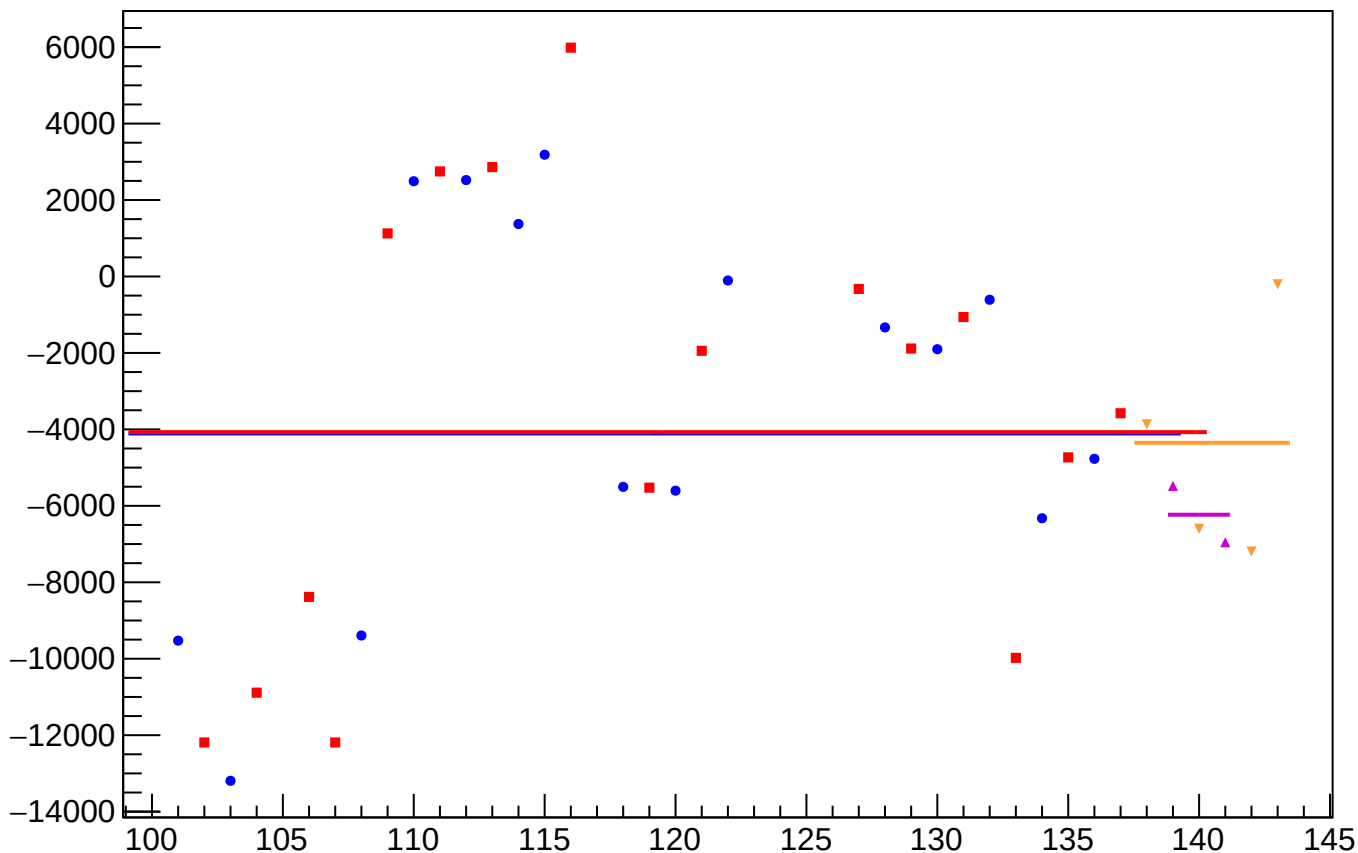
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atl2_coil6_mean vs Slug



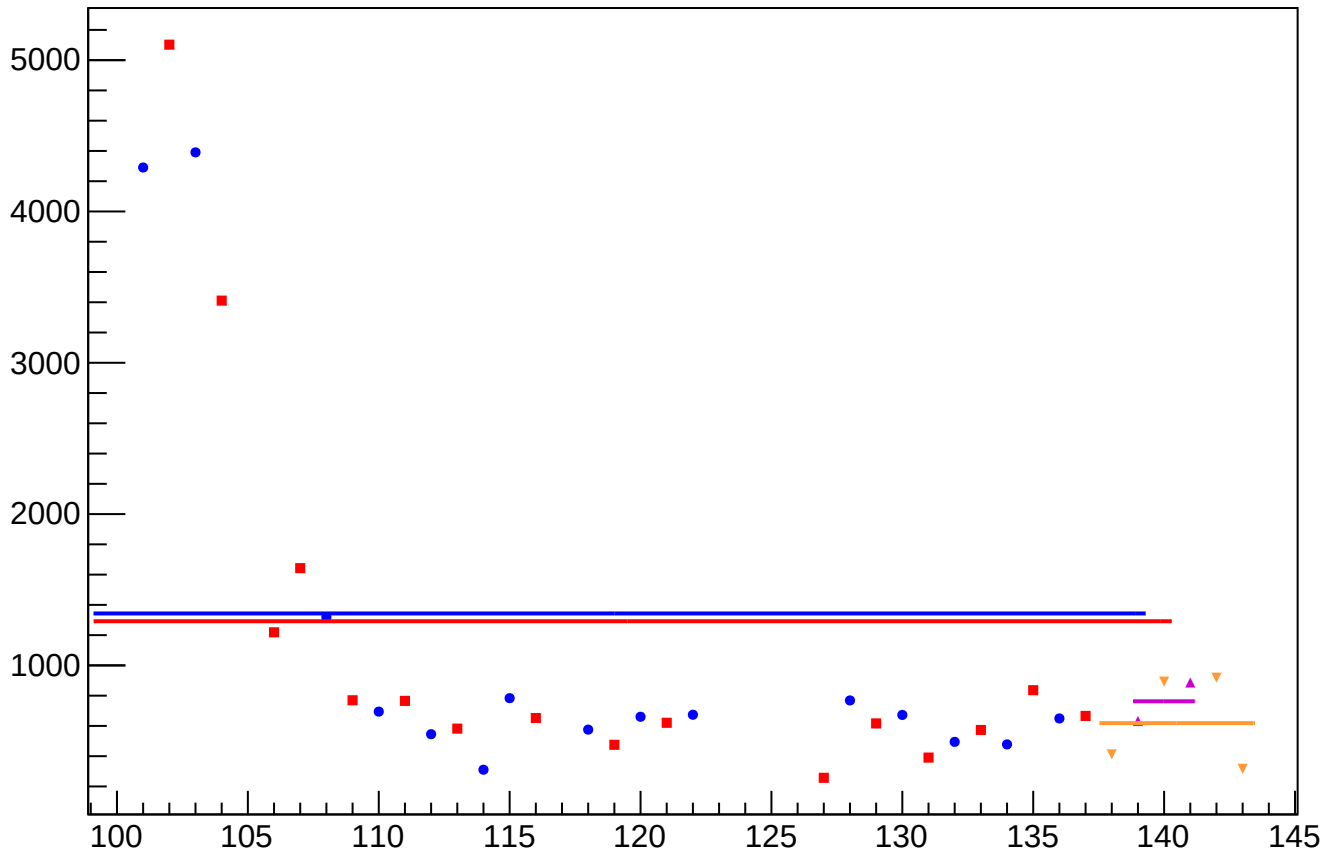
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14

Left Out: -4351.351+/-0.000 χ^2/NDF : 1958161114710212721605961986320296312832.0/3

Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15

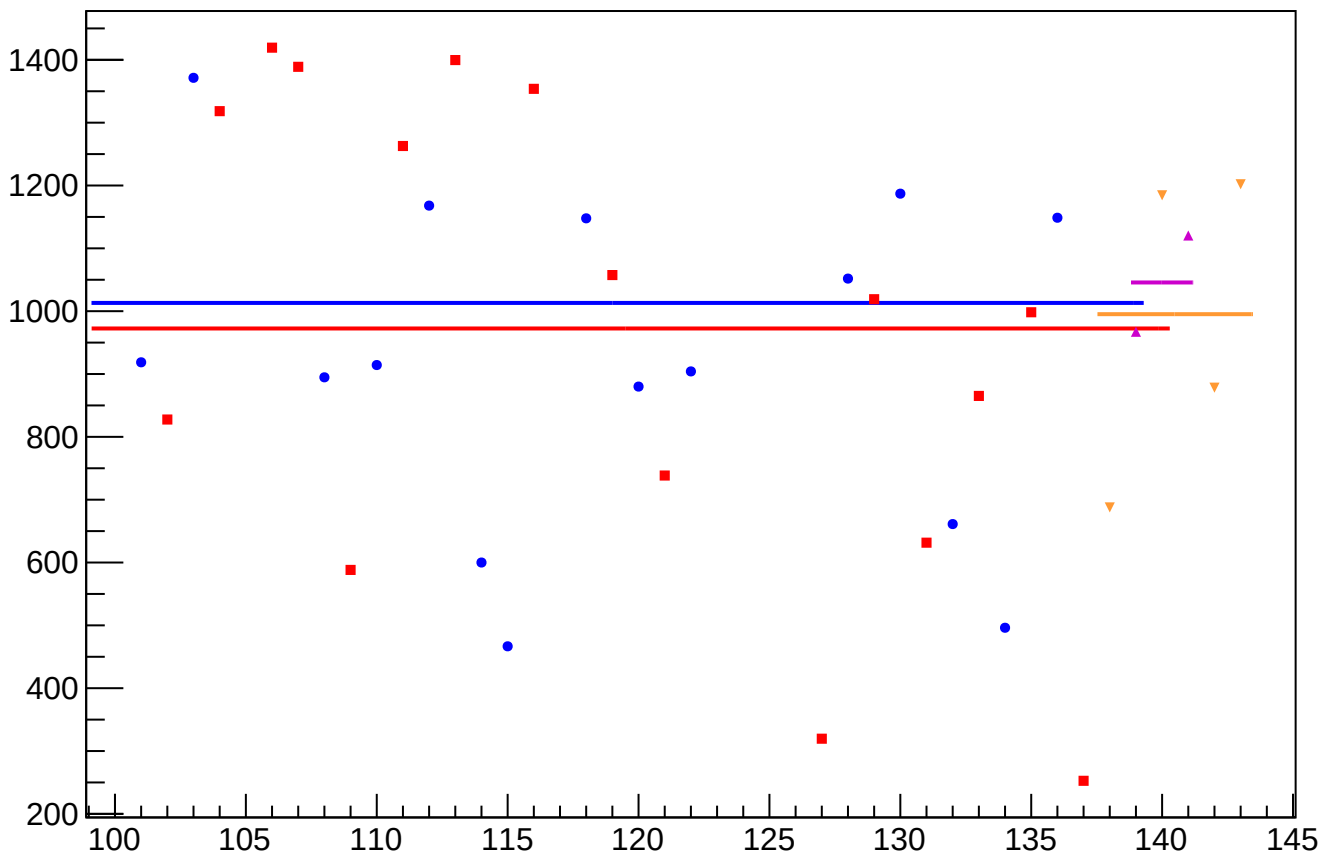
Left In: -6232.505+/-0.000 χ^2/NDF : 90130037001362362626389193108903428096.0/1

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321 ± 0.000 $\chi^2/NDF: 1317478352429773686550511077330771771392.0/14$
 Left Out: 618.353 ± 0.000 $\chi^2/NDF: 19745842225679745166772173951543017472.0/3$
 Right Out: 1291.796 ± 0.000 $\chi^2/NDF: 1323568917008872977905960011586991030272.0/15$
 Left In: 762.798 ± 0.000 $\chi^2/NDF: 2687126406394388273700130460891348992.0/1$

dit_atl2_coil6_Ndata_mean vs Slug



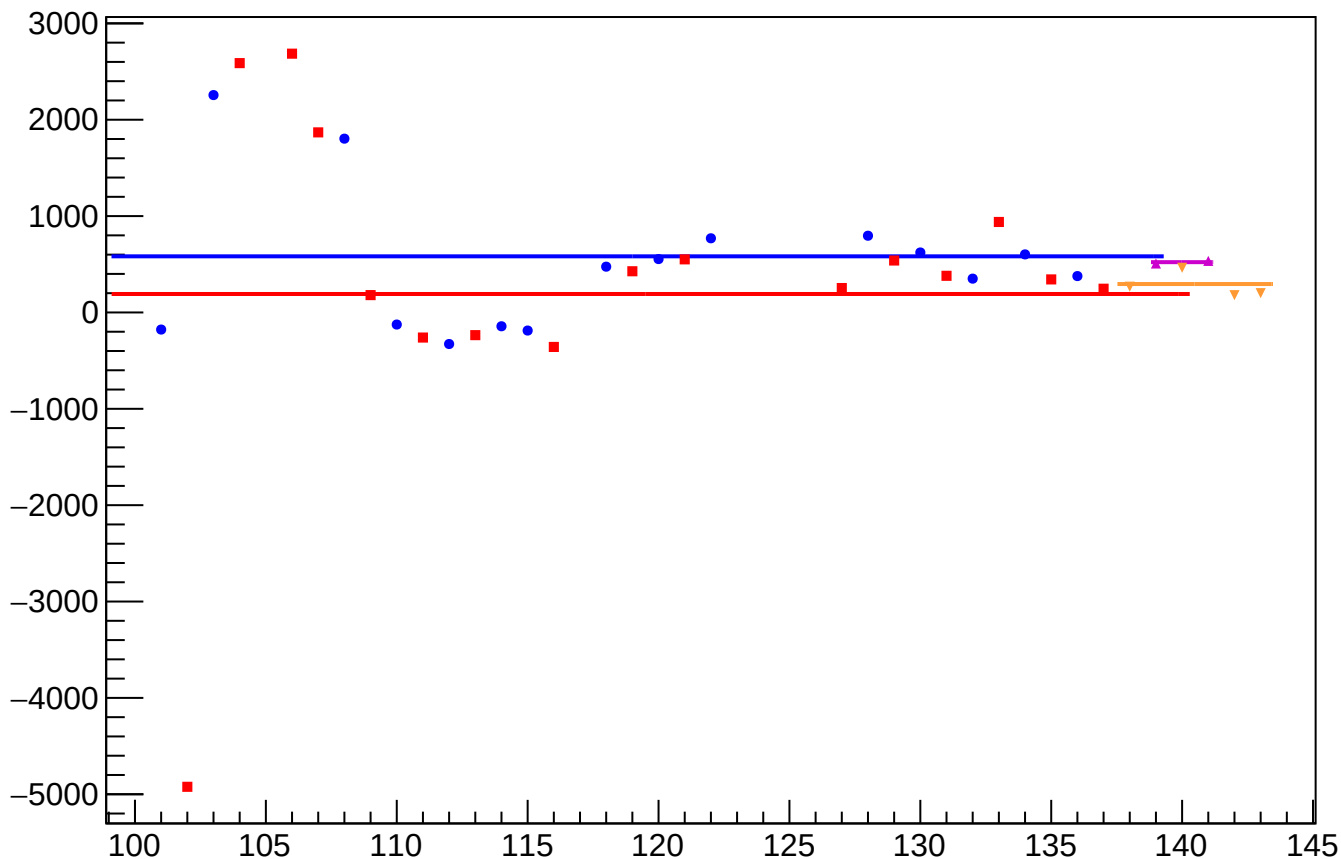
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 294.972+/-0.000 χ^2/NDF : 3612781917771883710835991309595967488.0/3

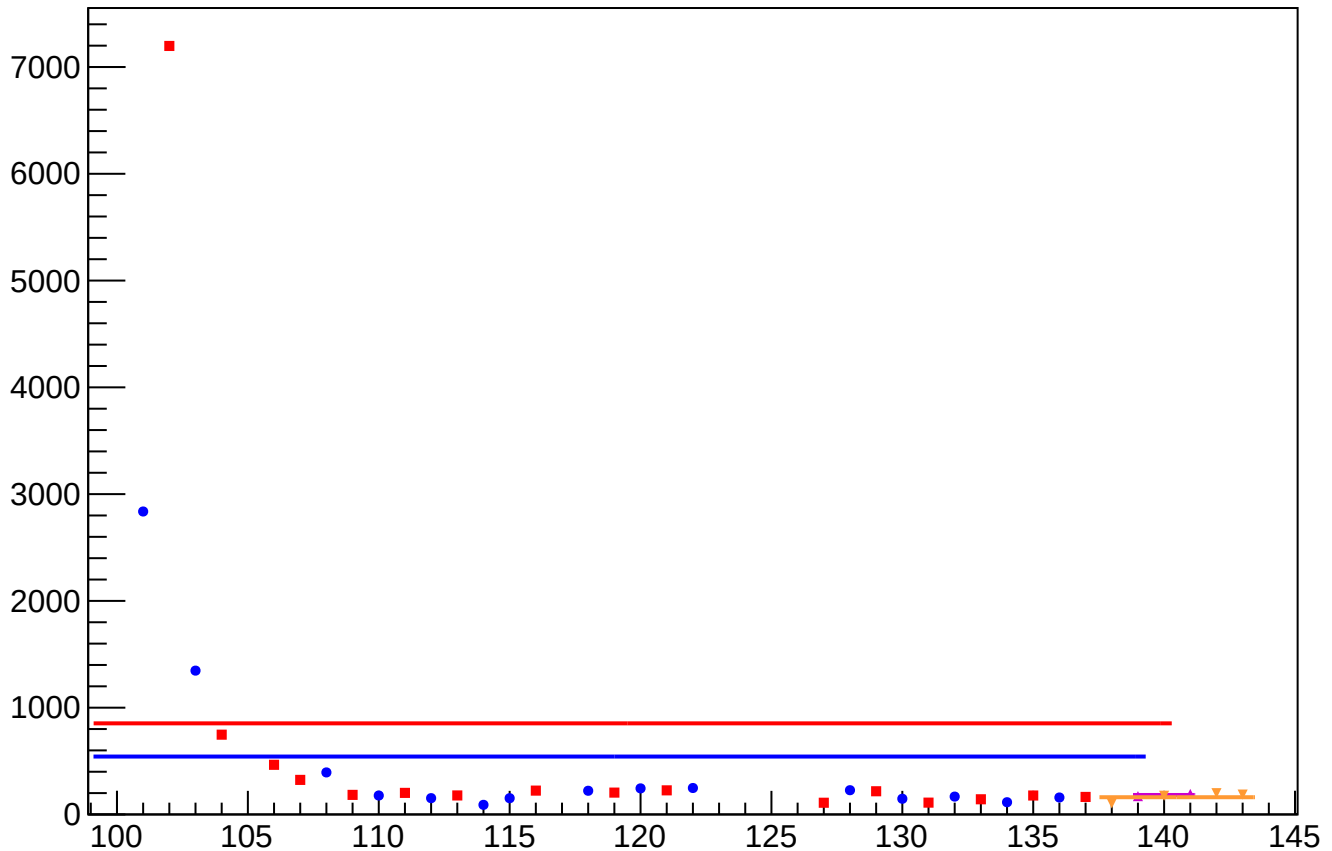
Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: 521.949+/-0.000 χ^2/NDF : 30583720520907610835015584949731328.0/1

497.287+/-0.000 χ^2/NDF : 35828397148057443

257.422+/-0.000 χ^2/NDF : 21832993838352735

dit_atr1_coil6_err_mean vs Slug



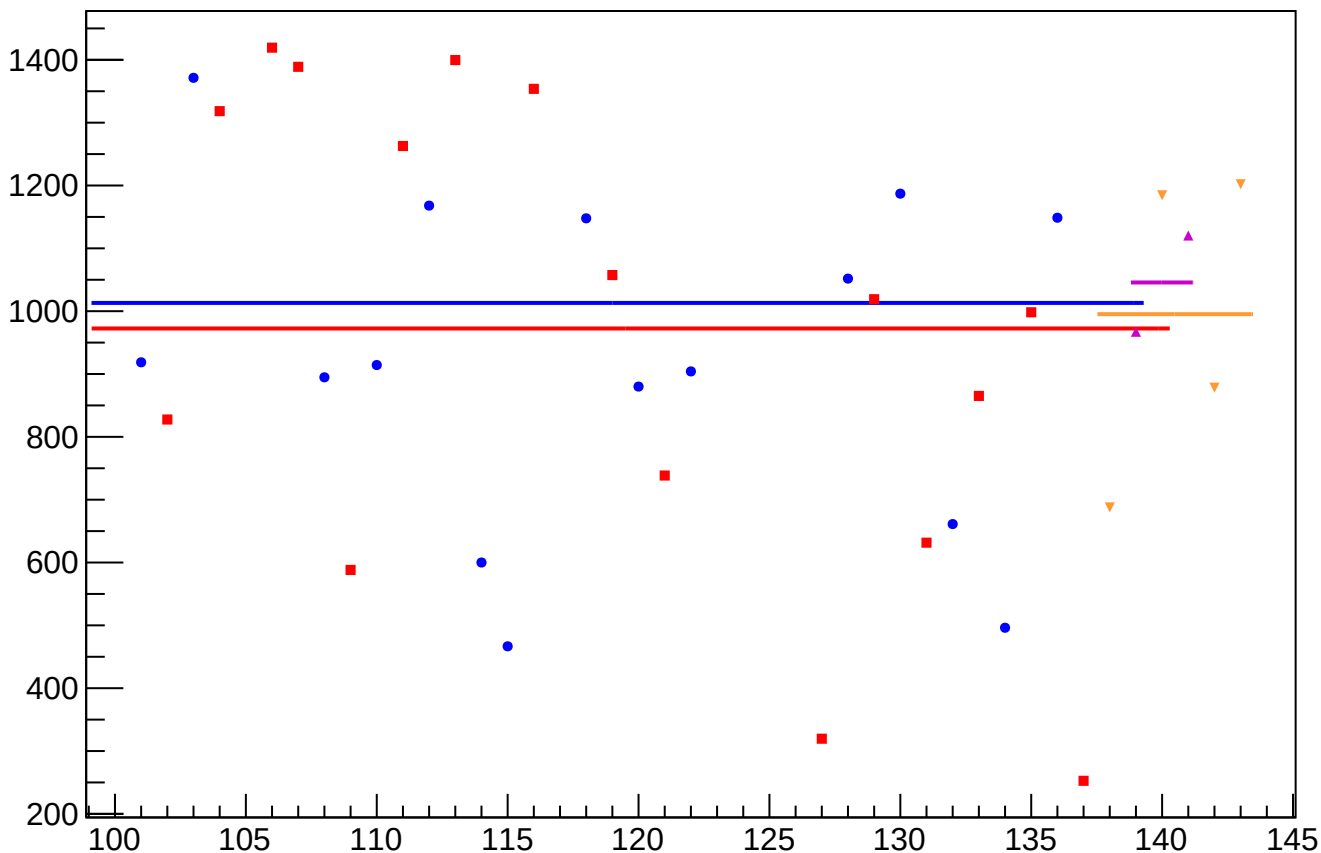
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 161.371+/-0.000 χ^2/NDF : 387547486329658650599445603383508992.0/3

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 182.356+/-0.000 χ^2/NDF : 17977197487839256891496431374827520.0/1

dit_atr1_coil6_Ndata_mean vs Slug



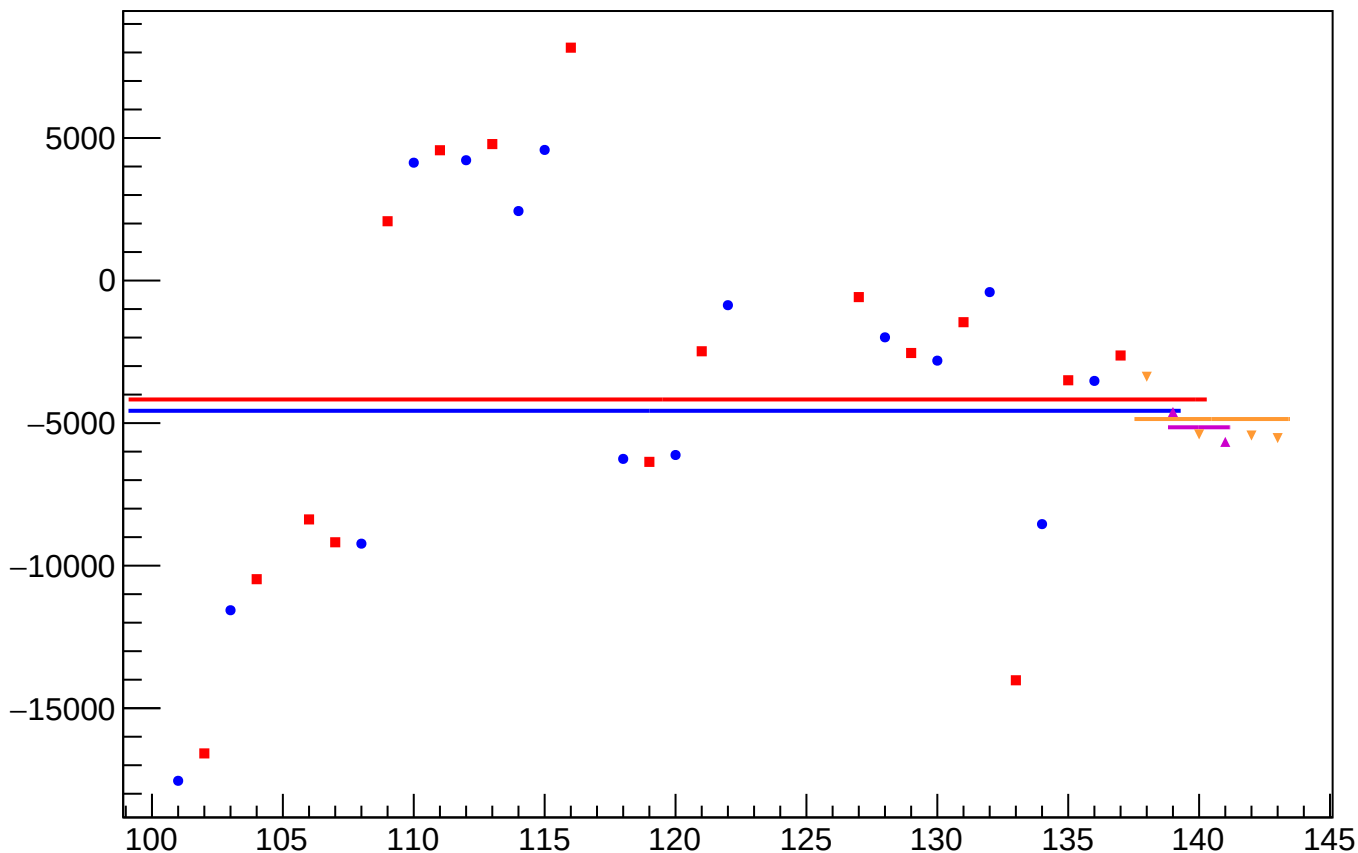
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

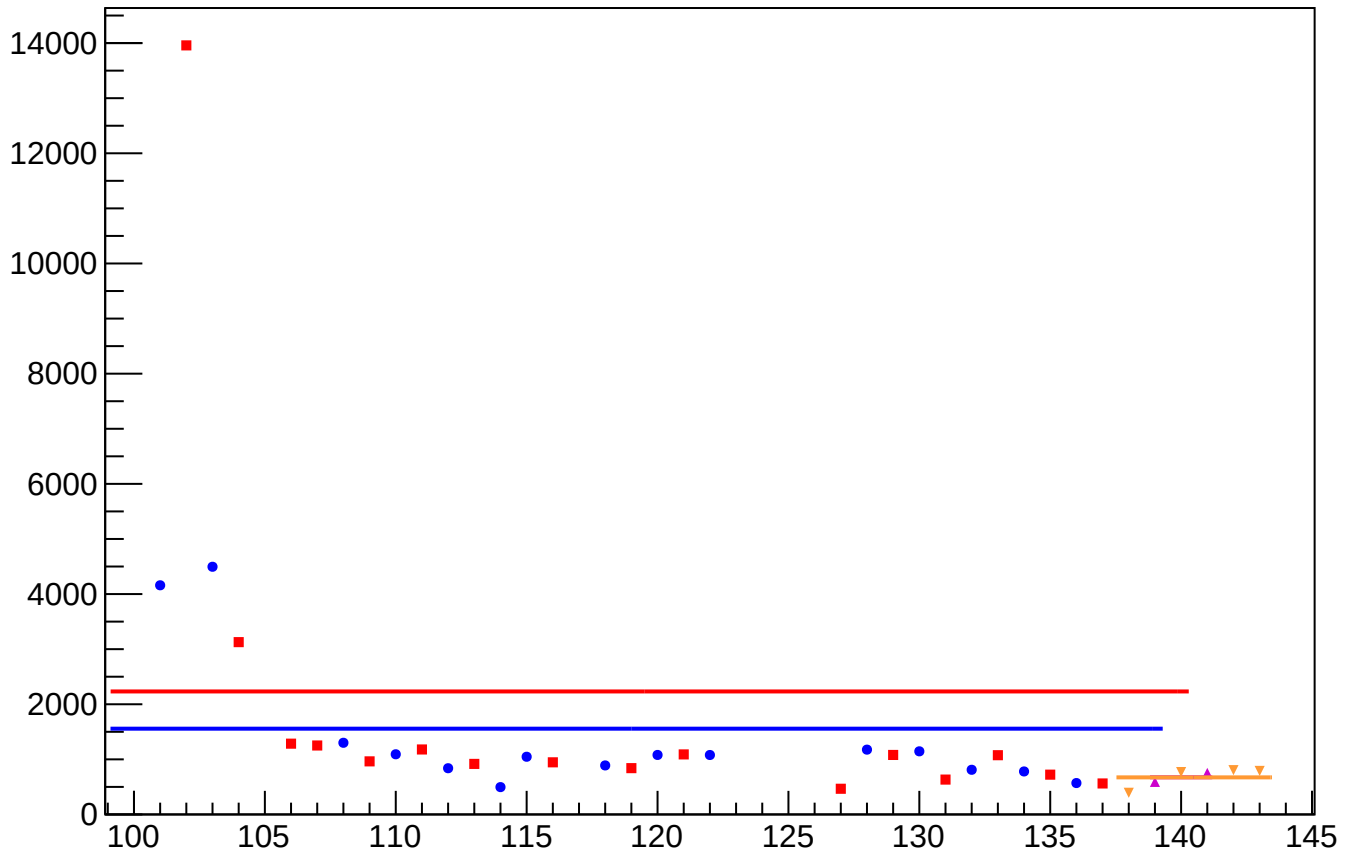
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atr2_coil6_mean vs Slug



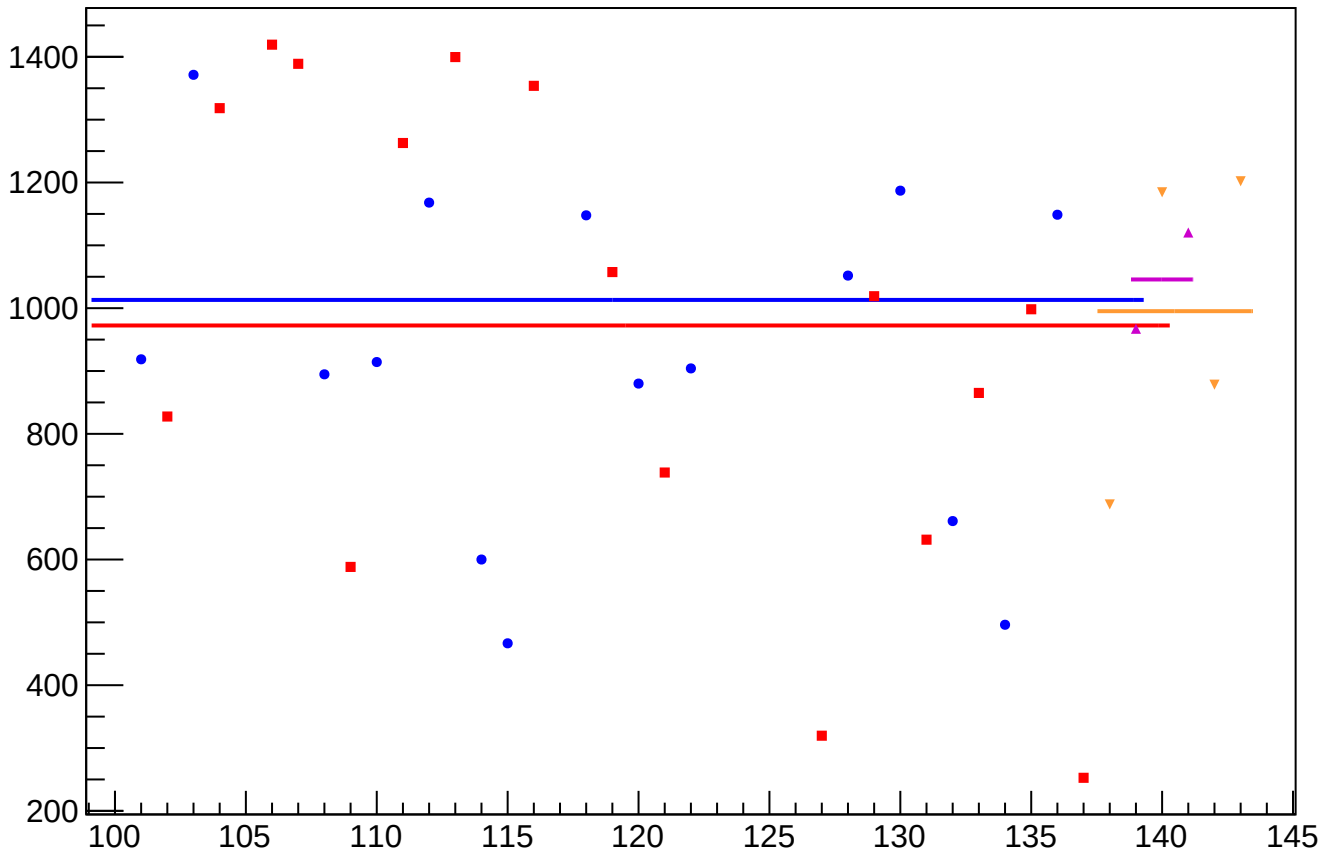
Right In: -4568.297 ± 0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -4857.043 ± 0.000 χ^2/NDF : 240834087693026280641776856144887676928.0/3
 Right Out: -4170.773 ± 0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: -5146.824 ± 0.000 χ^2/NDF : 45520048903492076476967717167142273024.0/1

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 673.052+/-0.000 χ^2/NDF : 8571842149611152770086693500593635328.0/3
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 674.599+/-0.000 χ^2/NDF : 1103216992773562141818018388556906496.0/1

dit_atr2_coil6_Ndata_mean vs Slug



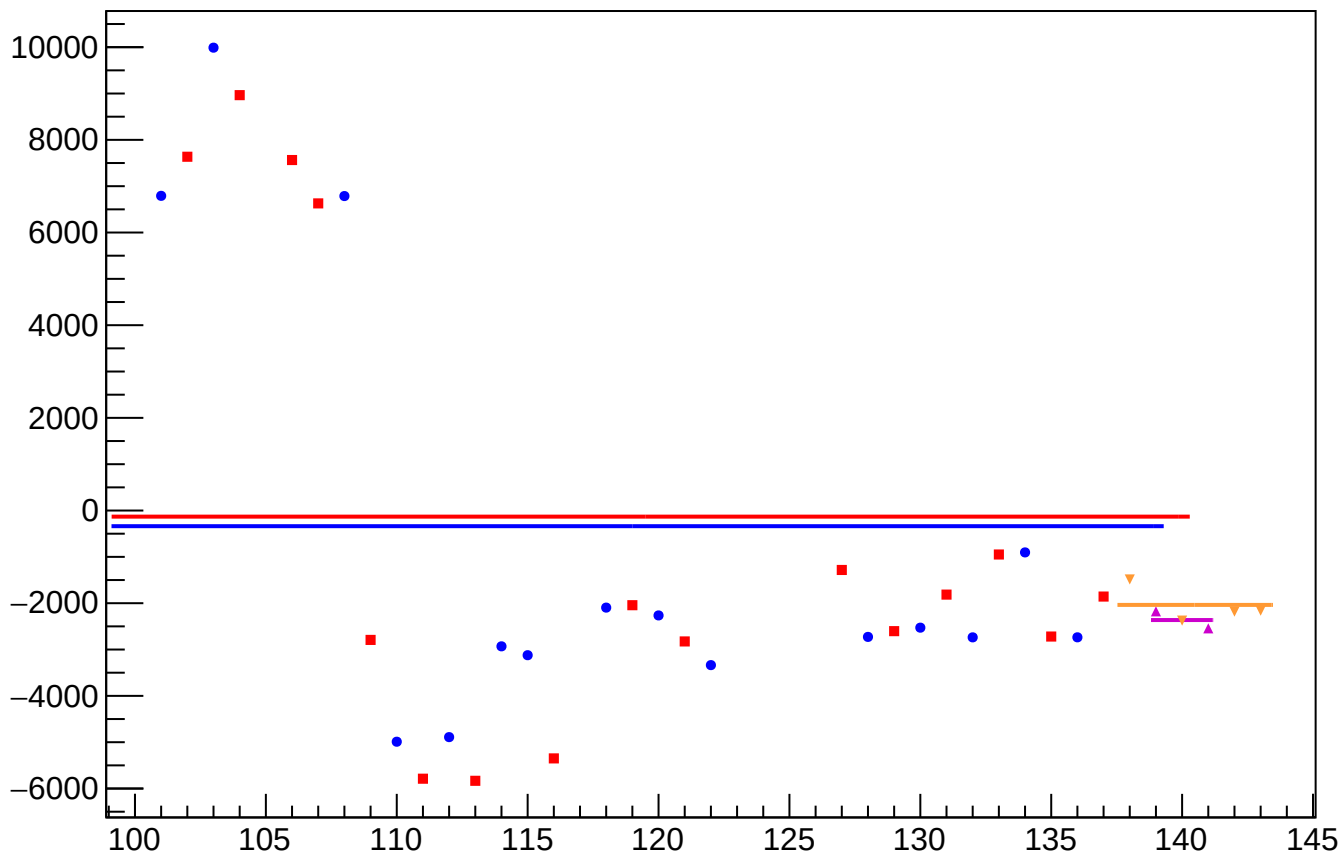
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

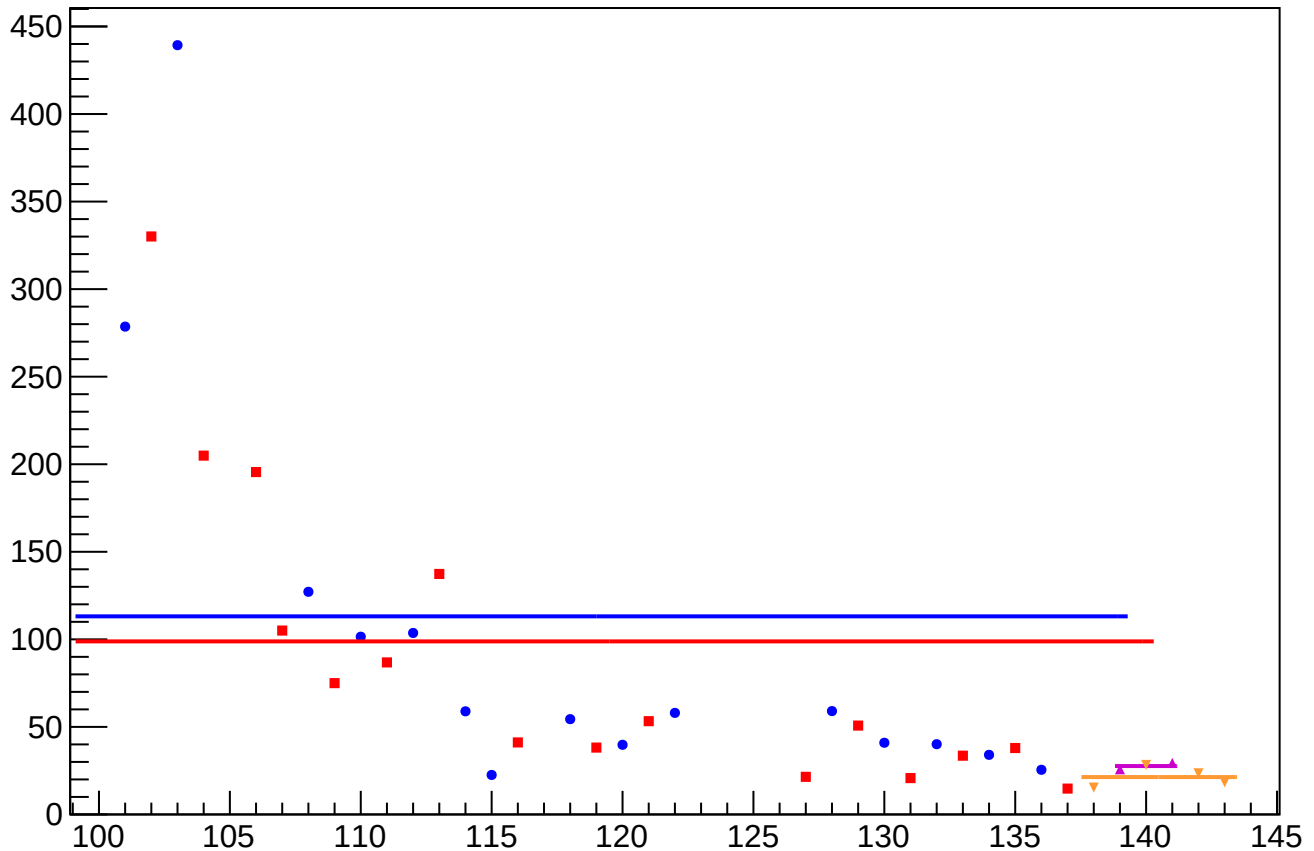
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam1_coil6_mean vs Slug



Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2036.723+/-0.000 χ^2/NDF : 34978140140370661523186817885947297792.0/3
 Right Out: -131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: -2363.479+/-0.000 χ^2/NDF : 5589872534970181648681936550195363840.0/1

dit_sam1_coil6_err_mean vs Slug



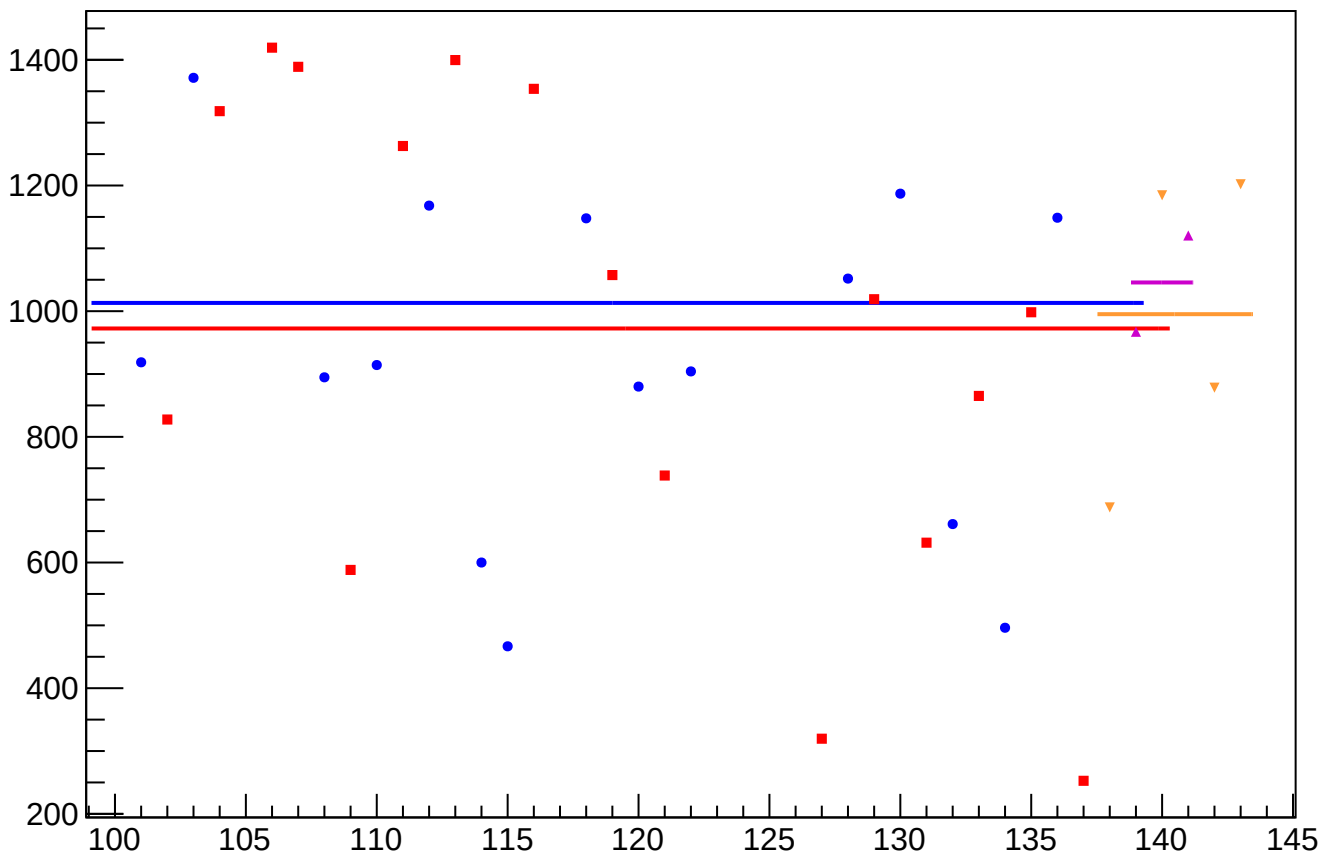
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 21.353+/-0.000 χ^2/NDF : 7567012200568895165831957620719616.0/3

Right Out: 98.833+/-0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

Left In: 27.641+/-0.000 χ^2/NDF : 543844782774595996014213532221440.0/1

dit_sam1_coil6_Ndata_mean vs Slug



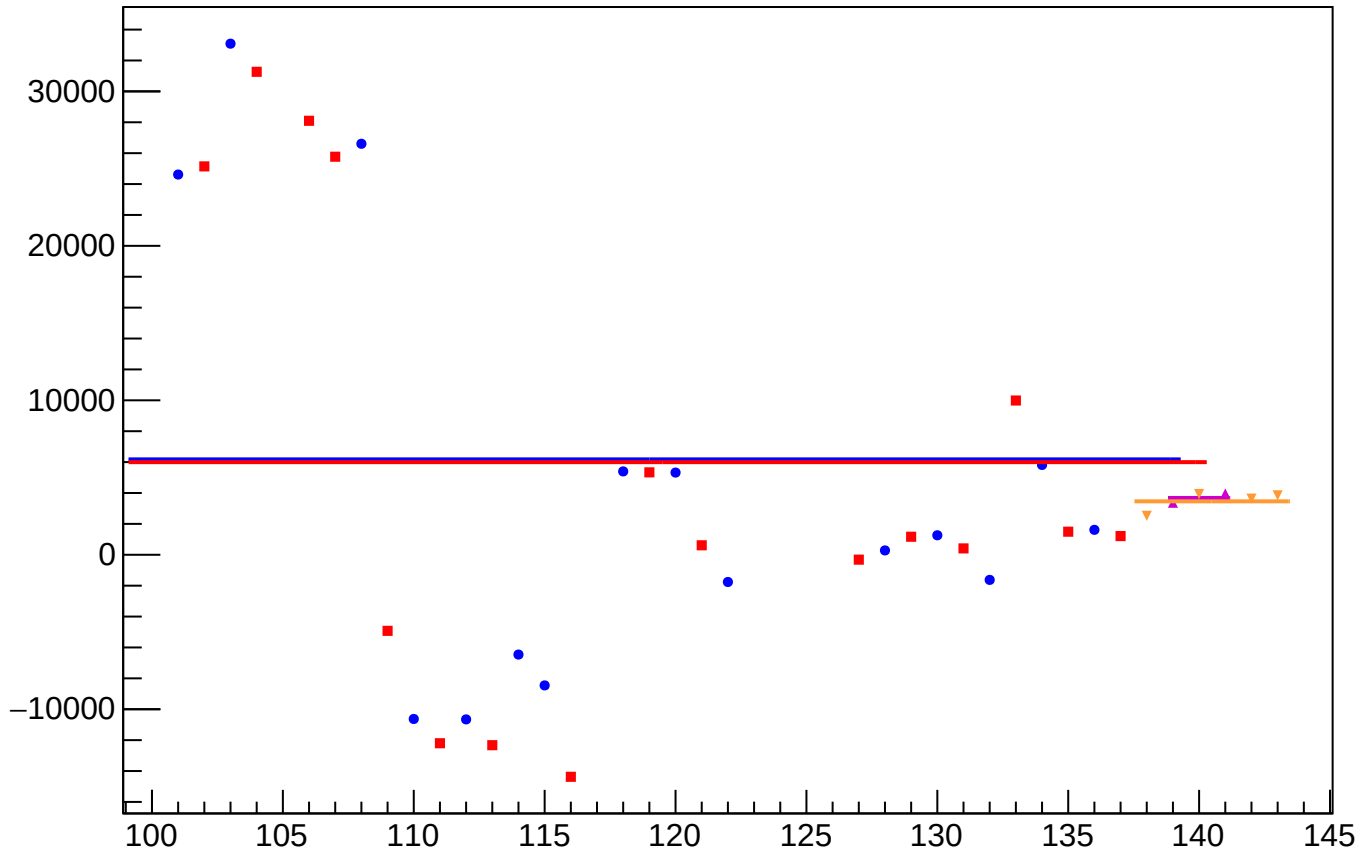
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

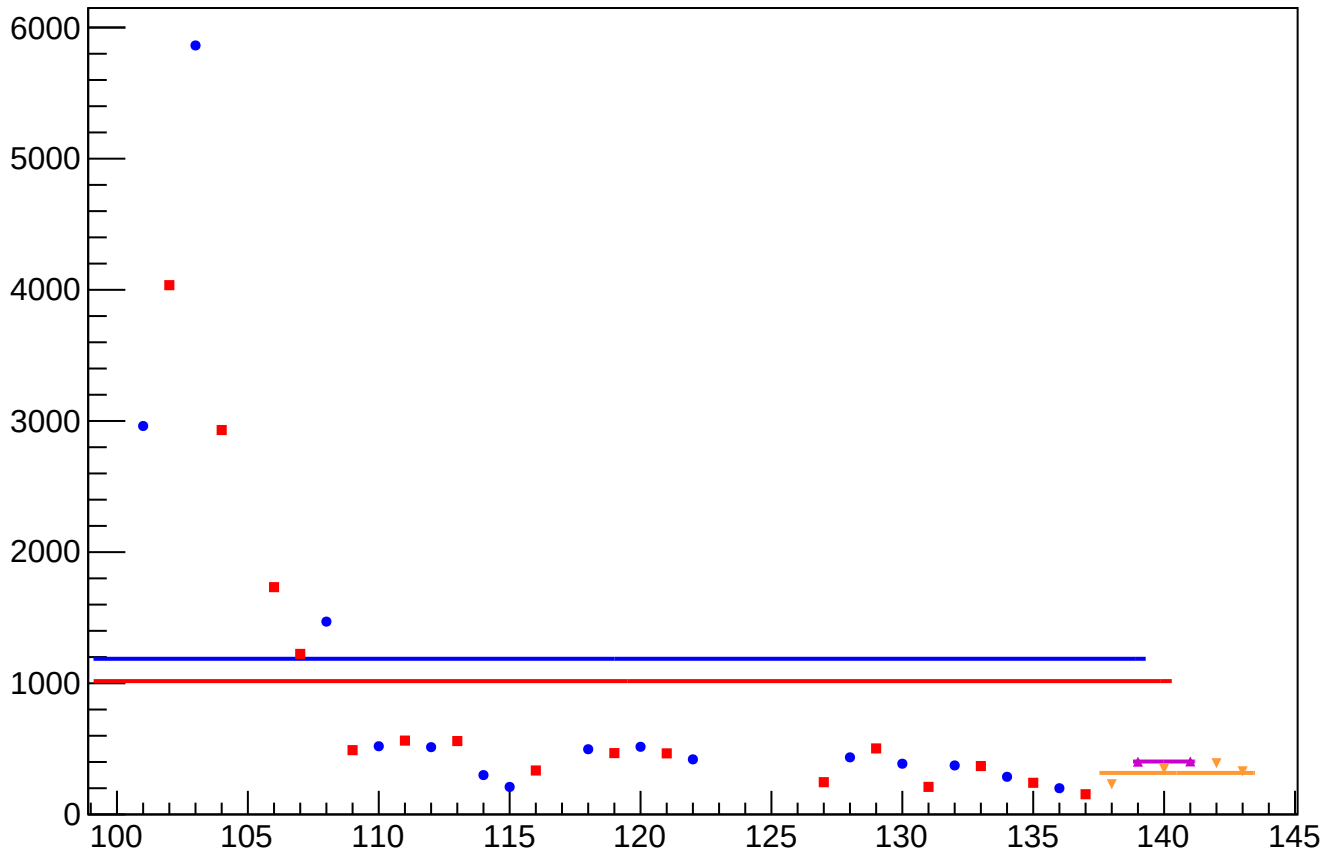
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam2_coil6_mean vs Slug



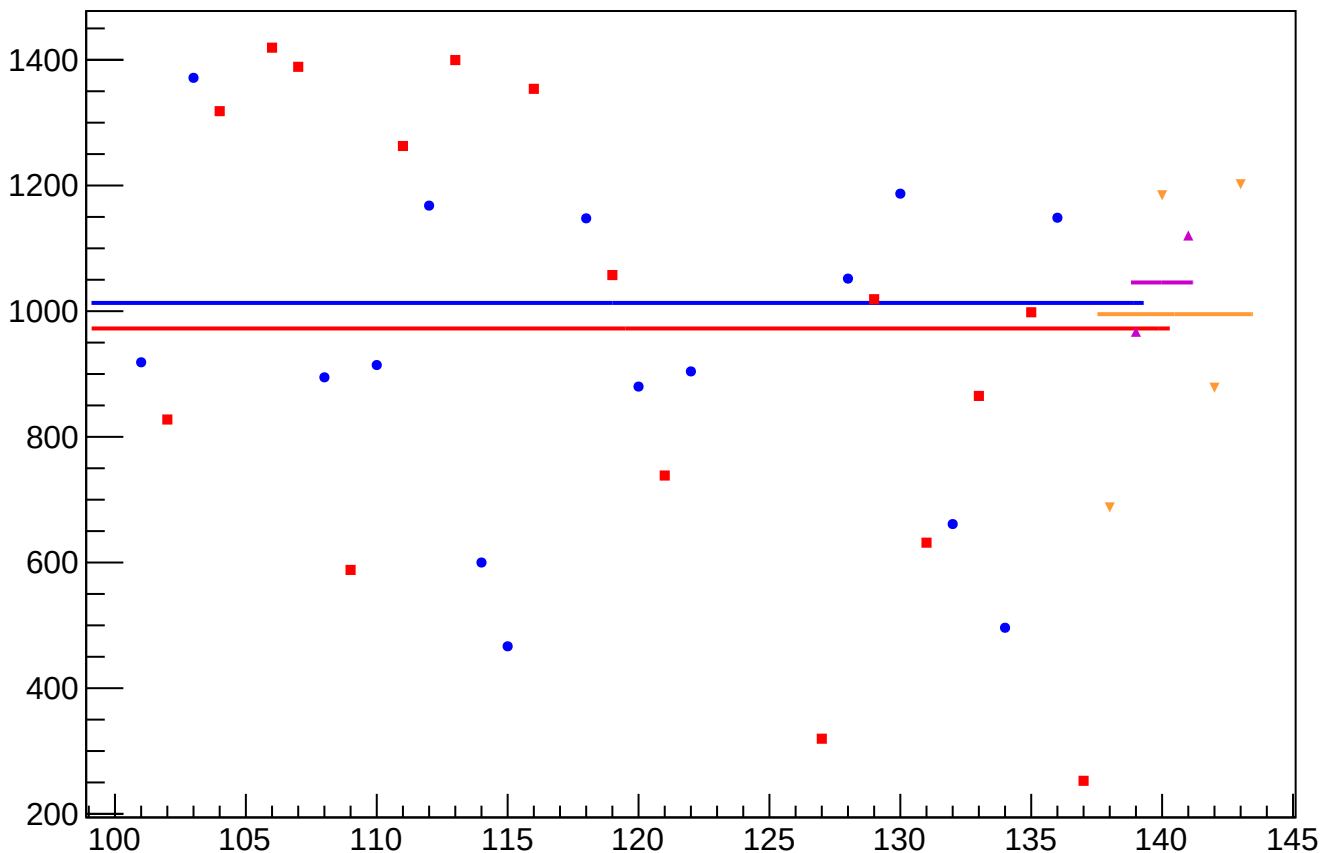
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 3460.203+/-0.000 χ^2/NDF : 98317676515193071380937386107185659904.0/3
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 3677.355+/-0.000 χ^2/NDF : 14986613337303434487109616958194057216.0/1

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 316.740+/-0.000 χ^2/NDF : 922405460143356122282068092716580864.0/3
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 403.589+/-0.000 χ^2/NDF : 156684777805322731597556036403200.0/1

dit_sam2_coil6_Ndata_mean vs Slug



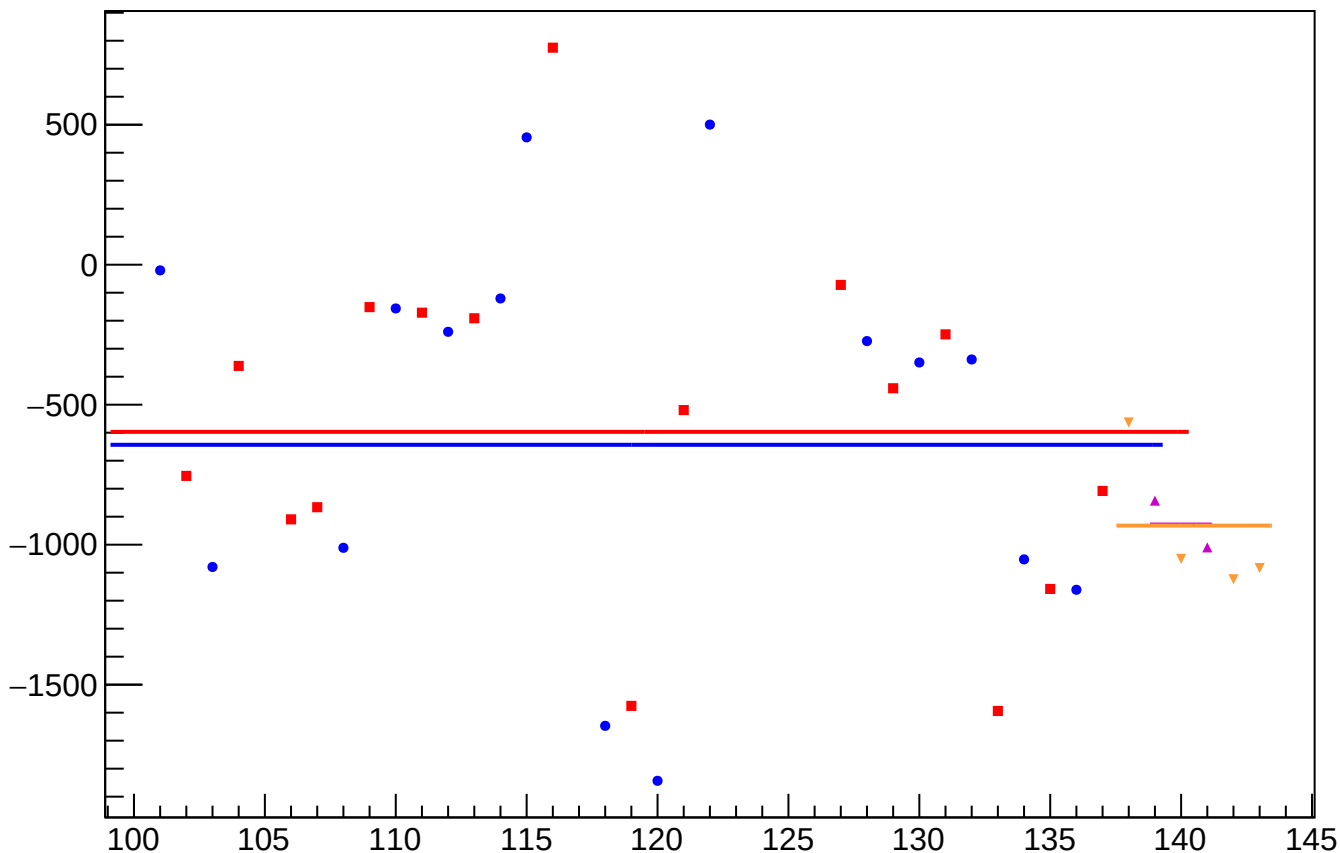
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam3_coil6_mean vs Slug



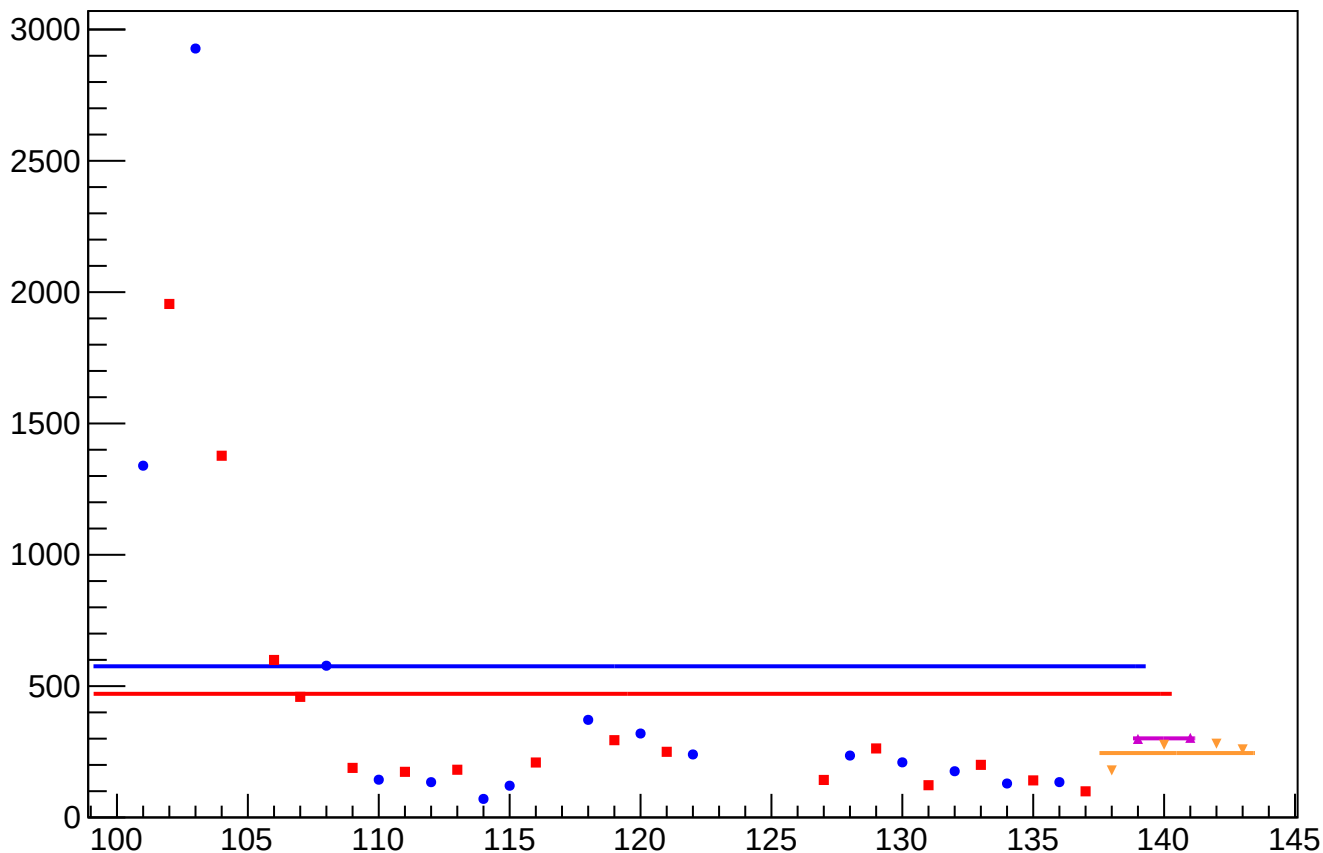
Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -931.802+/-0.000 χ^2/NDF : 14976562871578771048299575565673824256.0/3

Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

Left In: -928.091+/-0.000 χ^2/NDF : 1155715308820282766522128025824264192.0/1

dit_sam3_coil6_err_mean vs Slug



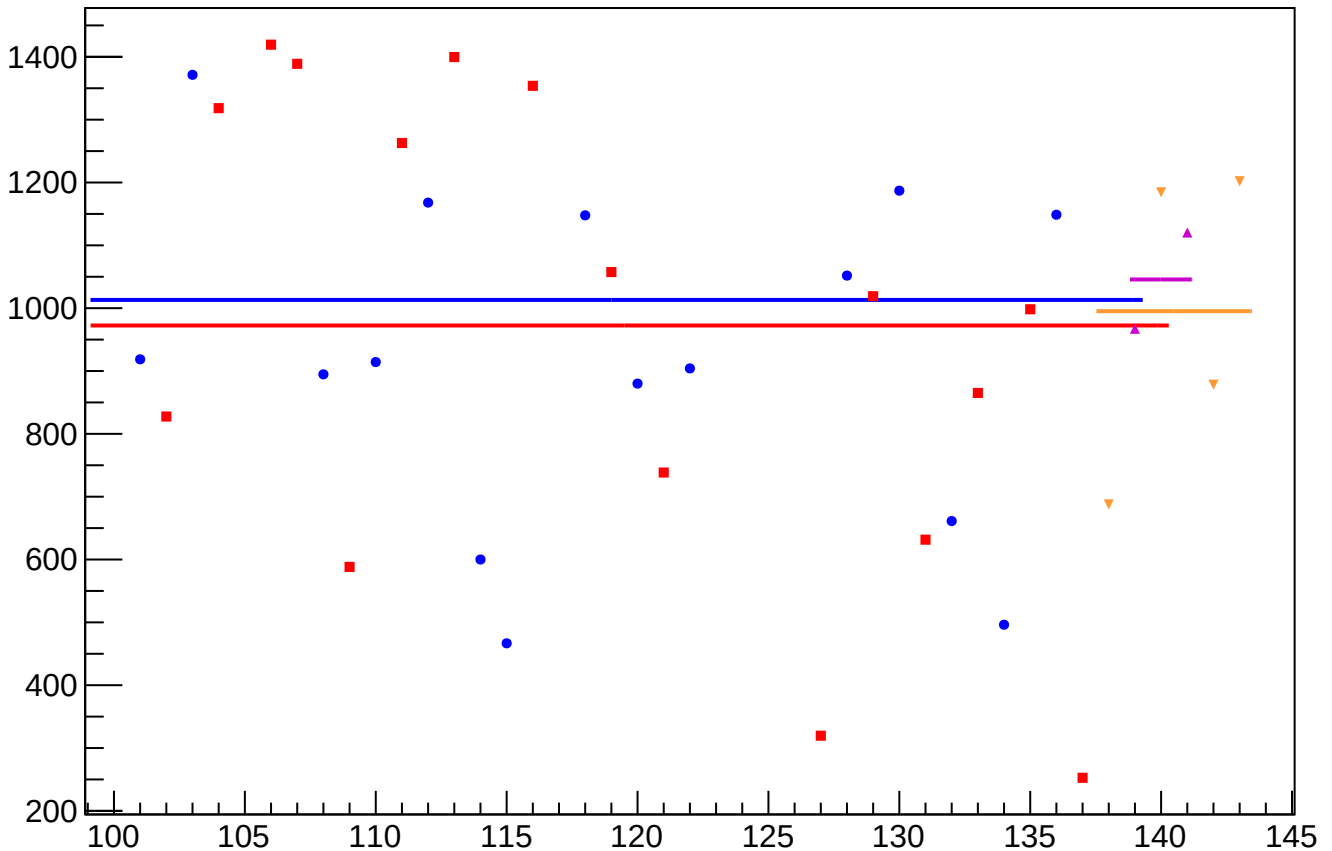
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 245.217+/-0.000 χ^2/NDF : 493769991005335931006684349658562560.0/3

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: 301.131+/-0.000 χ^2/NDF : 725363322968176504384064522813440.0/1

dit_sam3_coil6_Ndata_mean vs Slug



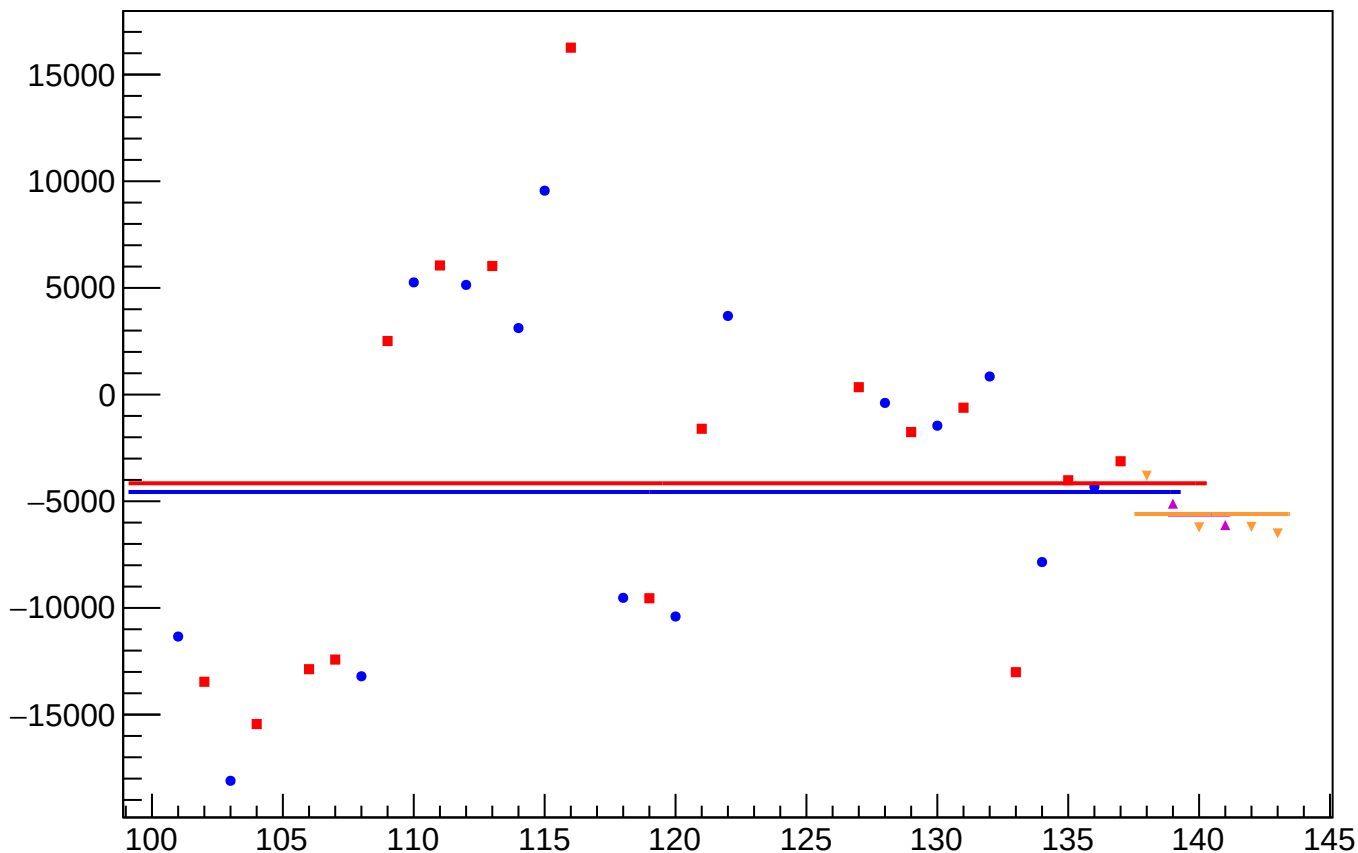
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam4_coil6_mean vs Slug



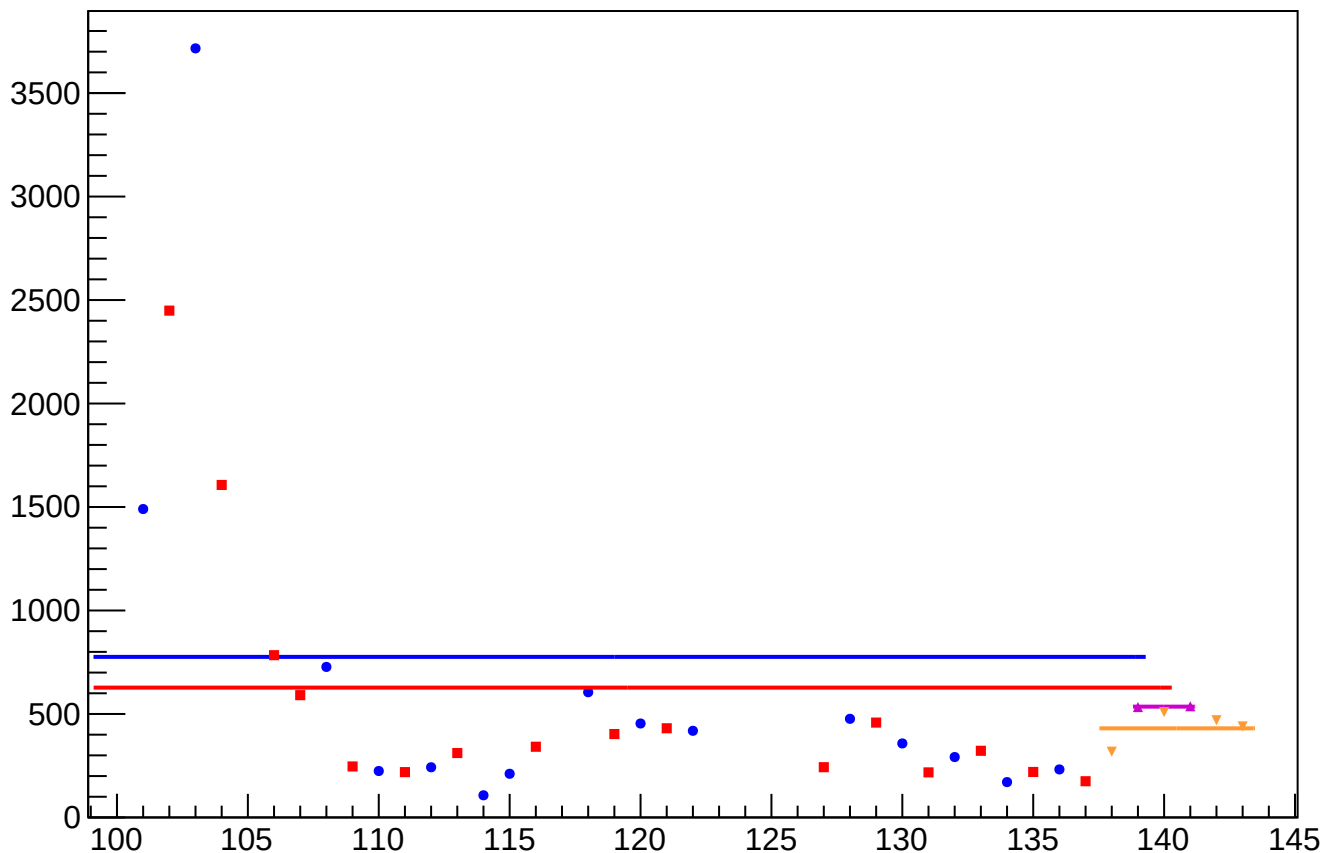
Right In: -4565.412+/-0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14

Left Out: -5598.007+/-0.000 χ^2/NDF : 356176651553231254346701977764296130560.0/3

Right Out: -4156.859+/-0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15

Left In: -5624.795+/-0.000 χ^2/NDF : 41793601664801726922382055934011637760.0/1

dit_sam4_coil6_err_mean vs Slug



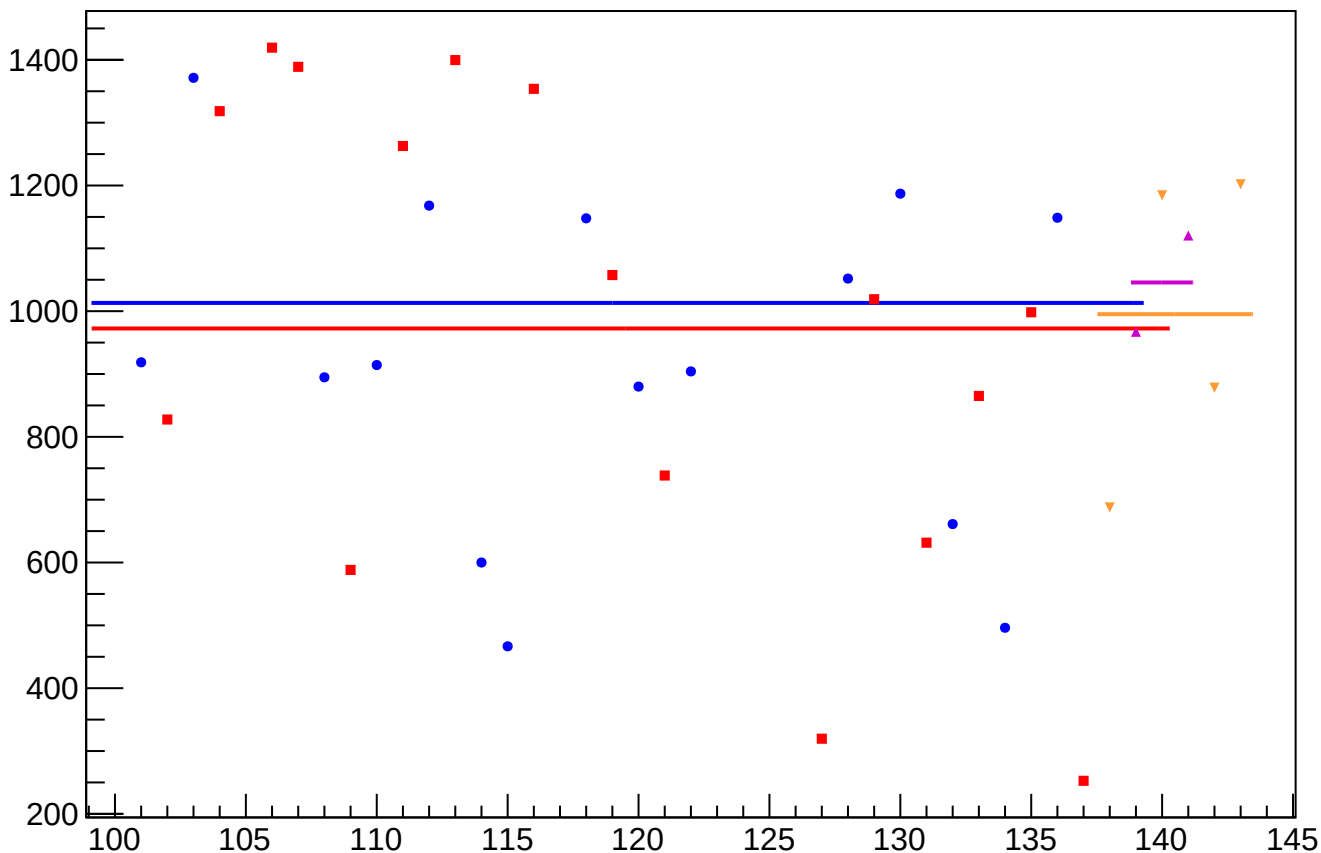
Right In: 775.824 ± 0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 430.656 ± 0.000 χ^2/NDF : 1571229616224259191466823369107701760.0/3

Right Out: 627.315 ± 0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

Left In: 535.436 ± 0.000 χ^2/NDF : 638311197944330489564282717470720.0/1

dit_sam4_coil6_Ndata_mean vs Slug



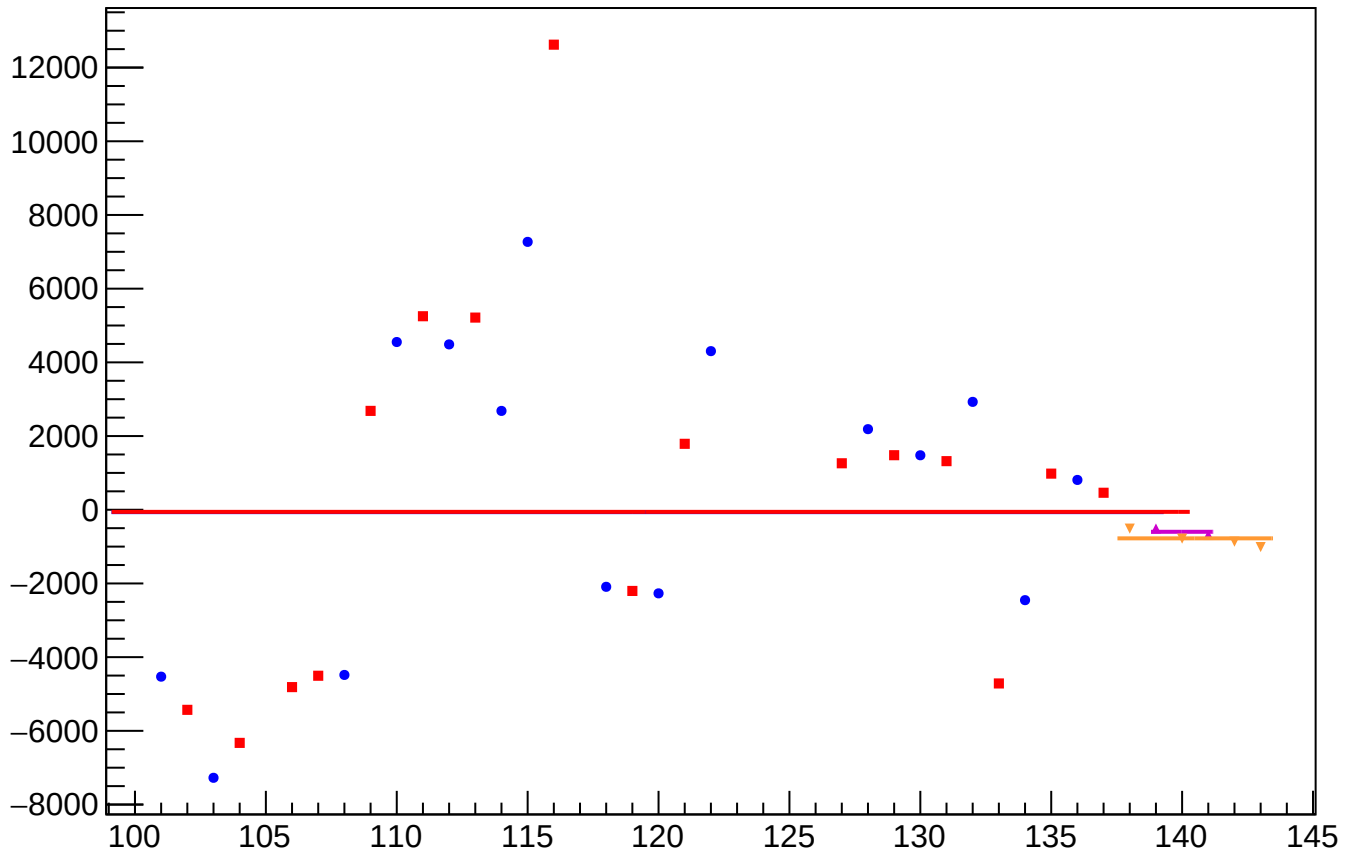
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

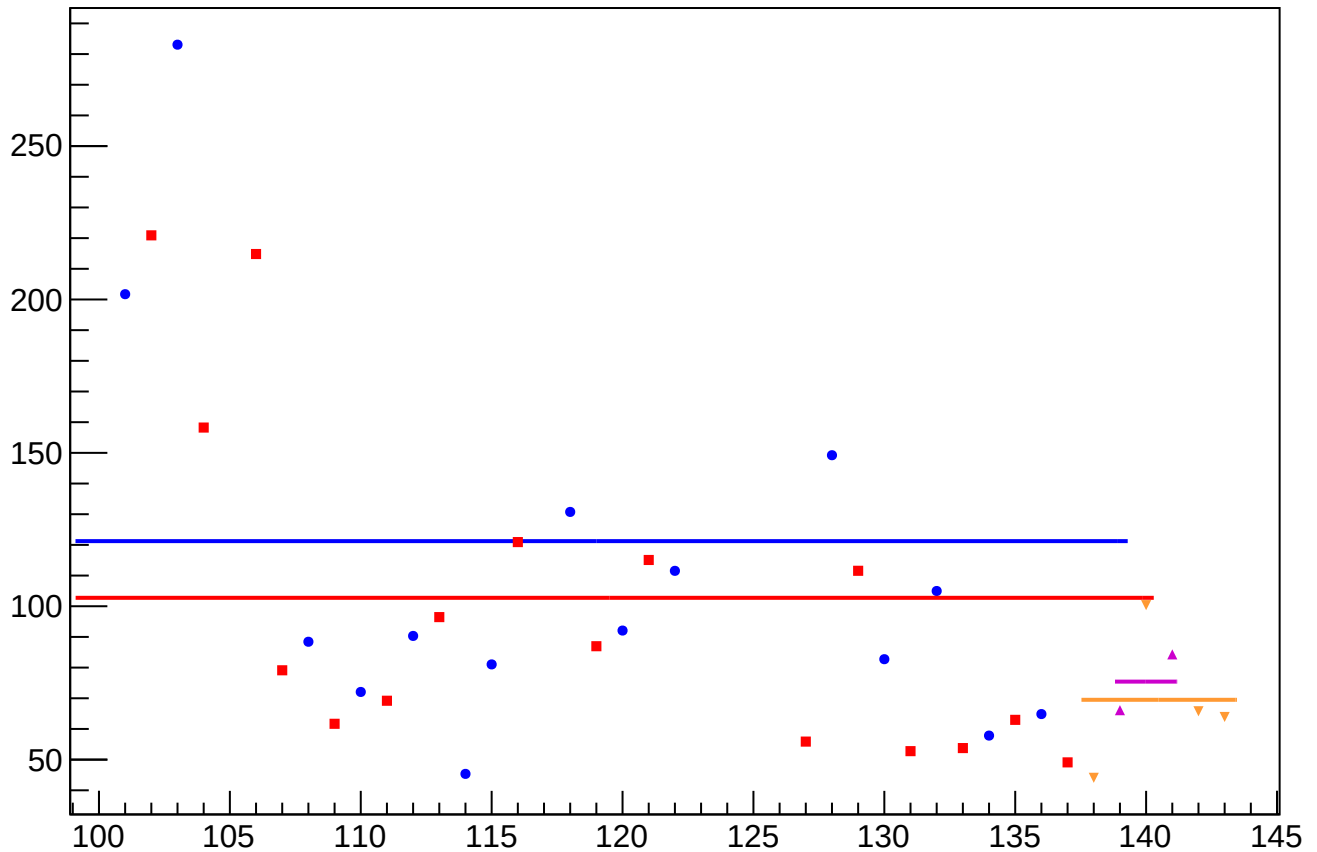
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam5_coil6_mean vs Slug



Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
Left Out: -776.289+/-0.000 χ^2/NDF : 9573786249745927427923257598685478912.0/3
Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
Left In: -598.162+/-0.000 χ^2/NDF : 1284463068296448575112480537308037120.0/1

dit_sam5_coil6_err_mean vs Slug



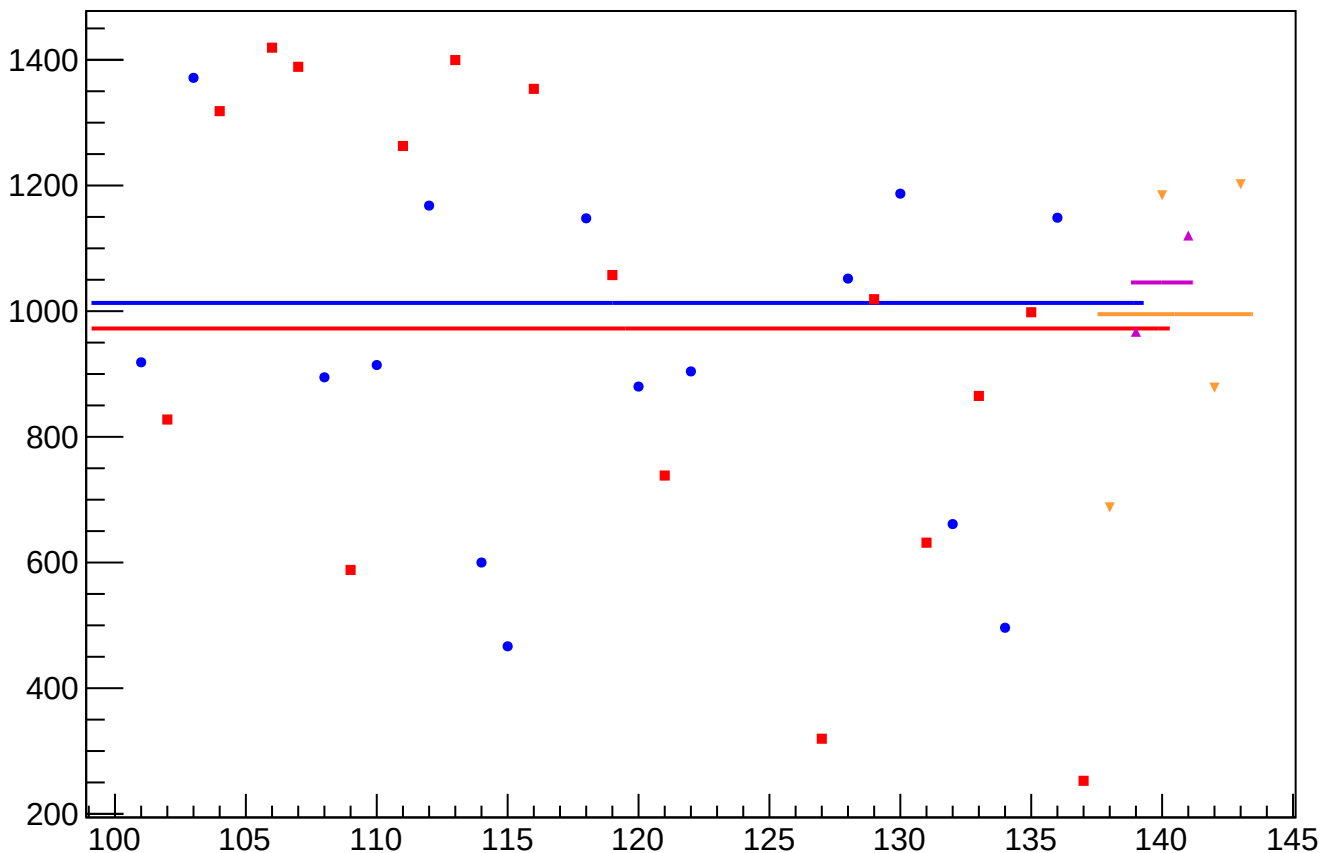
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 69.501+/-0.000 χ^2/NDF : 131243707666185378193919605800435712.0/3

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

Left In: 75.429+/-0.000 χ^2/NDF : 13728651797281306478950255830237184.0/1

dit_sam5_coil6_Ndata_mean vs Slug



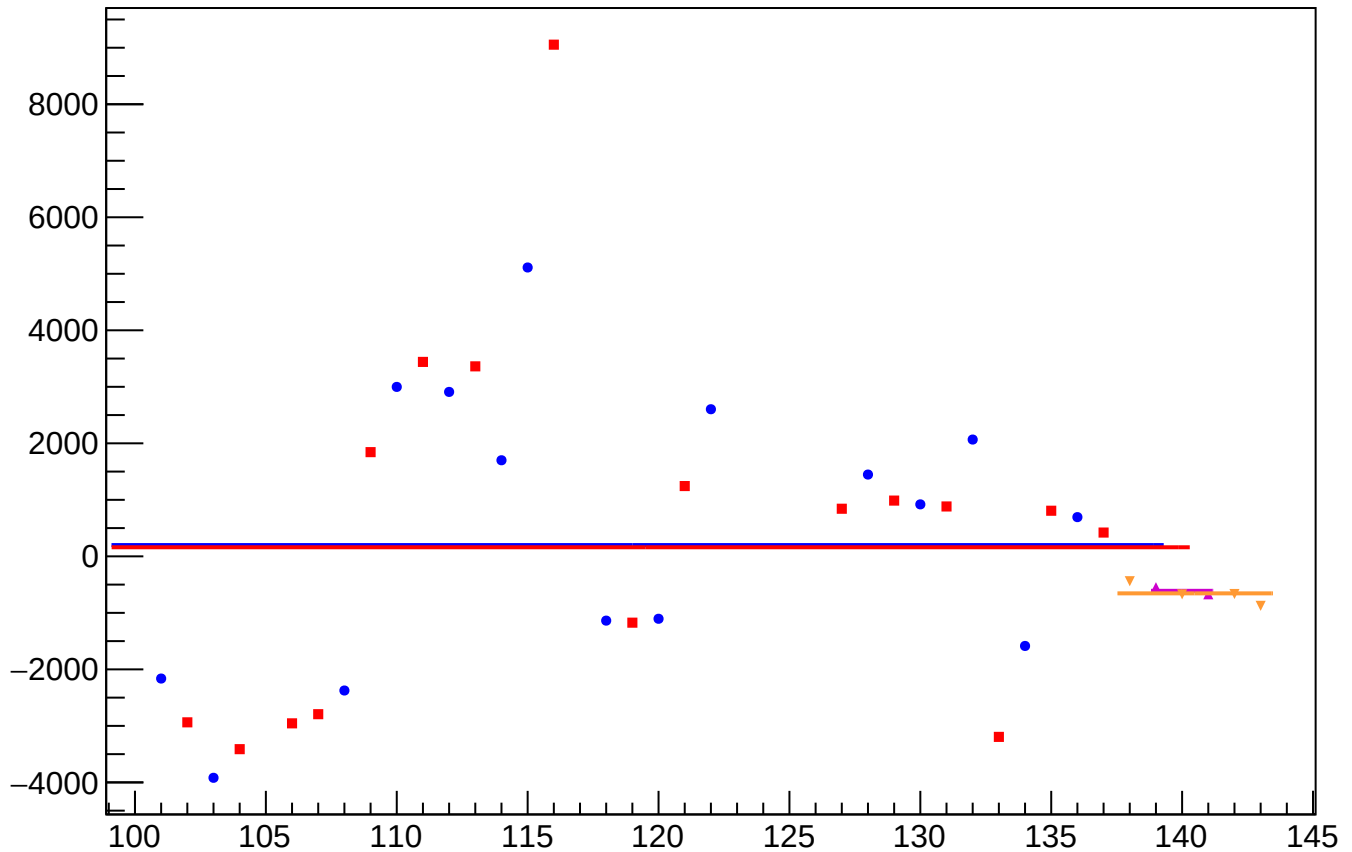
Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 $\pm$ 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

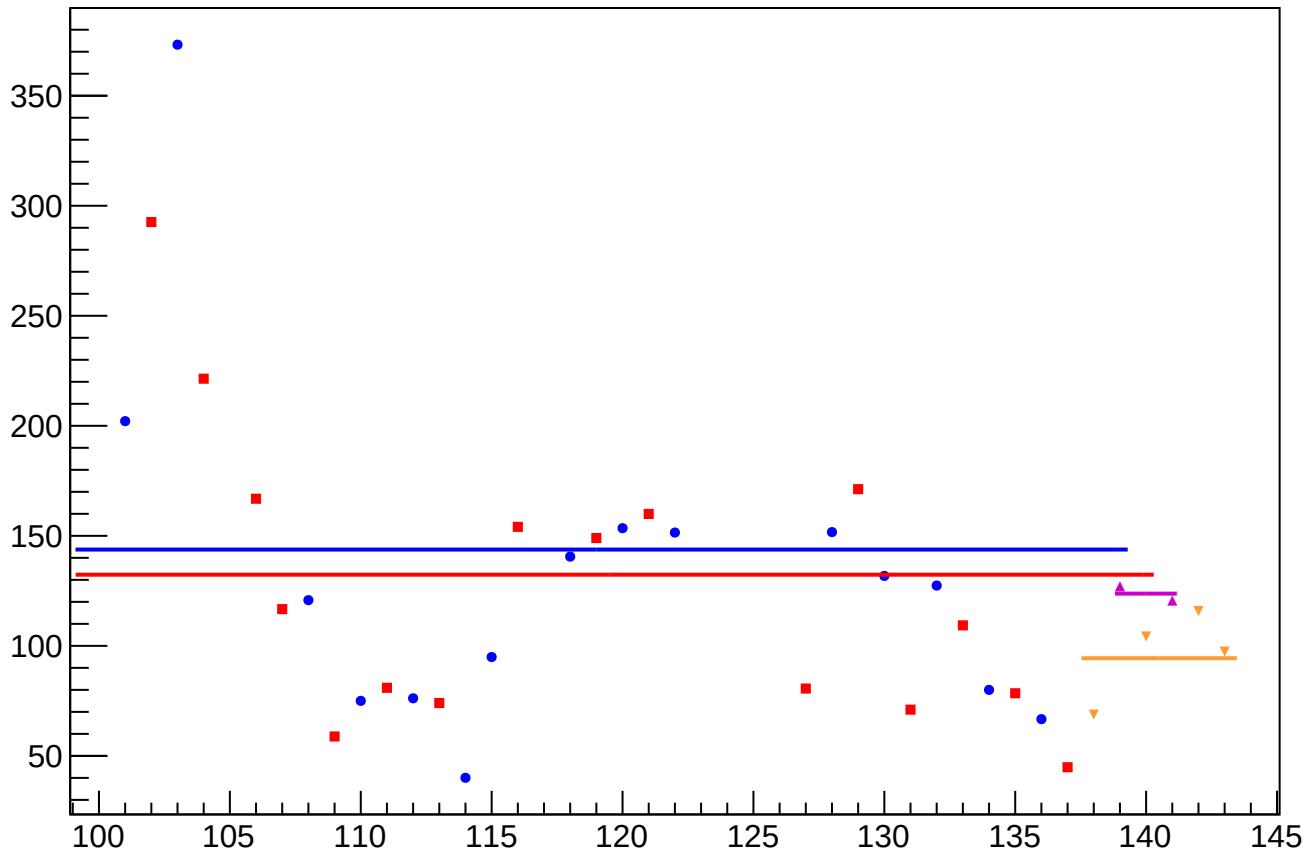
Left In: 1045.687 $\pm$ 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -654.969+/-0.000 χ^2/NDF : 6891841172580171728559499588805853184.0/3
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -610.037+/-0.000 χ^2/NDF : 652439138250018397361792564756217856.0/1

dit_sam6_coil6_err_mean vs Slug



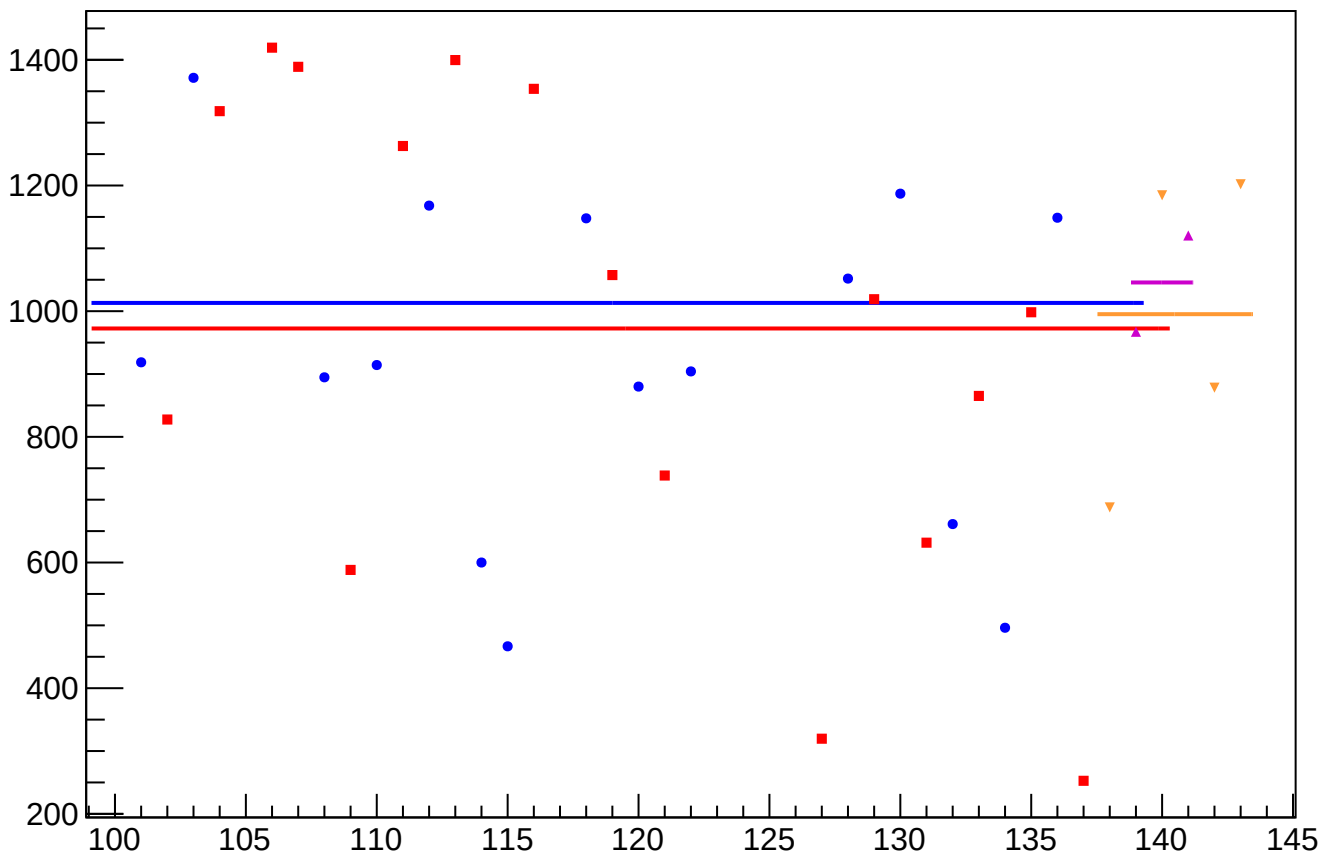
Right In: 143.764 $\pm$ 0.000 χ^2 /NDF: 4514785869565777849900508591821946880.0/14

Left Out: 94.382 $\pm$ 0.000 χ^2 /NDF: 81012459296274423809040734731894784.0/3

Right Out: 132.341 $\pm$ 0.000 χ^2 /NDF: 3174087908796245287682359914282352640.0/15

Left In: 123.743 $\pm$ 0.000 χ^2 /NDF: 1751187030526003624260661082587136.0/1

dit_sam6_coil6_Ndata_mean vs Slug



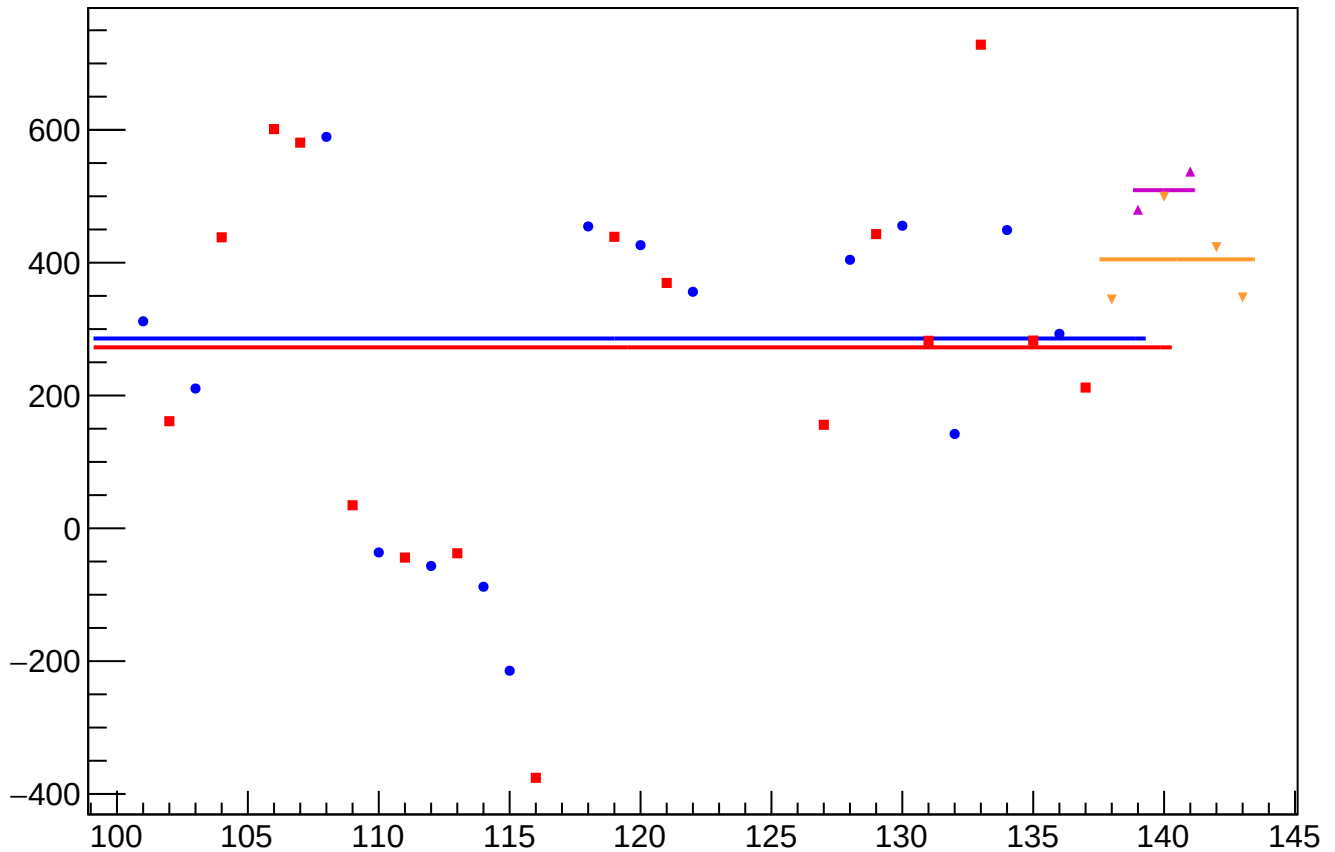
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam7_coil6_mean vs Slug



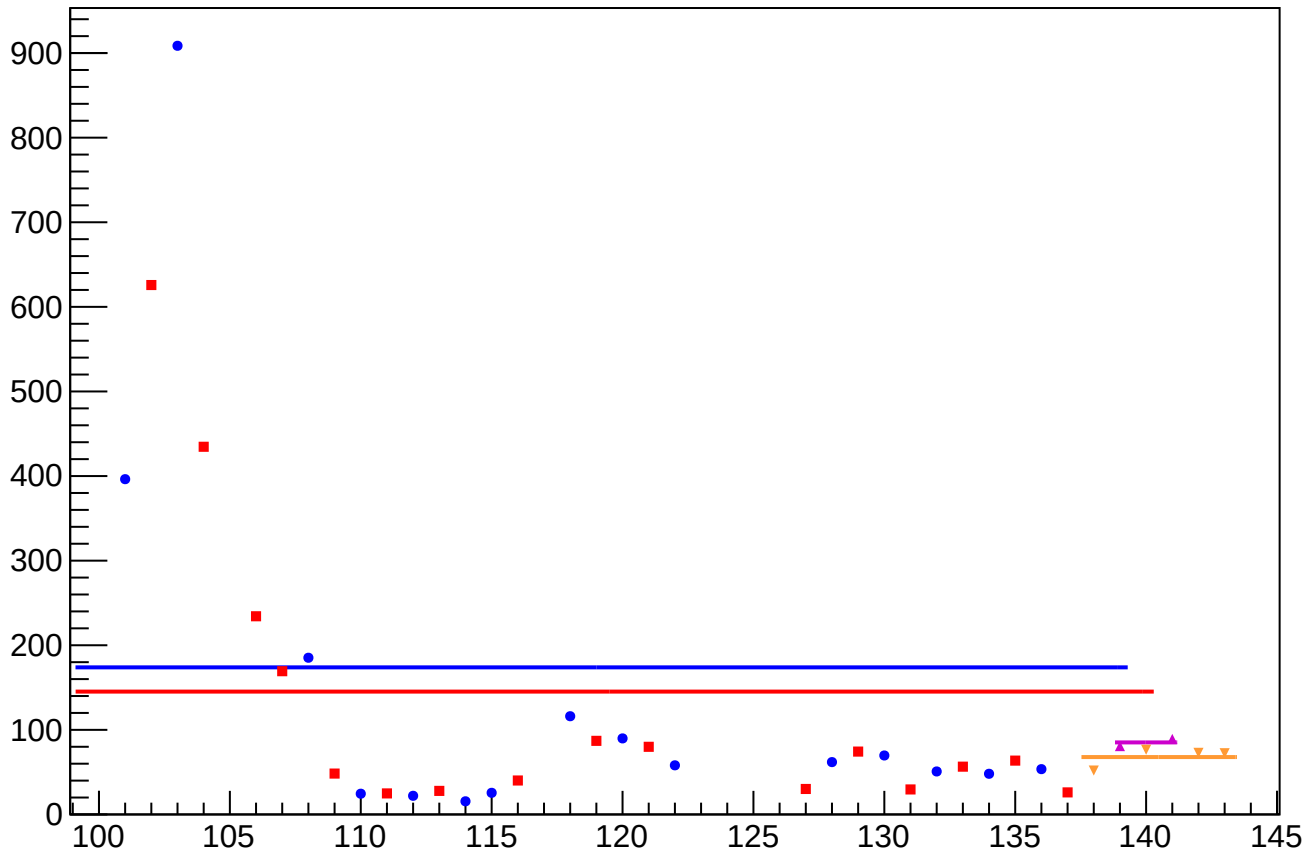
Right In: 285.856 ± 0.000 $\chi^2/NDF: 24108244802355530064663311301086281728.0/14$

Left Out: 405.052 ± 0.000 $\chi^2/NDF: 1251425759392486187515038646029778944.0/3$

Right Out: 272.539 ± 0.000 $\chi^2/NDF: 44149952665075593650338713333575712768.0/15$

Left In: 509.196 ± 0.000 $\chi^2/NDF: 137007843650283283525821629064019968.0/1$

dit_sam7_coil6_err_mean vs Slug



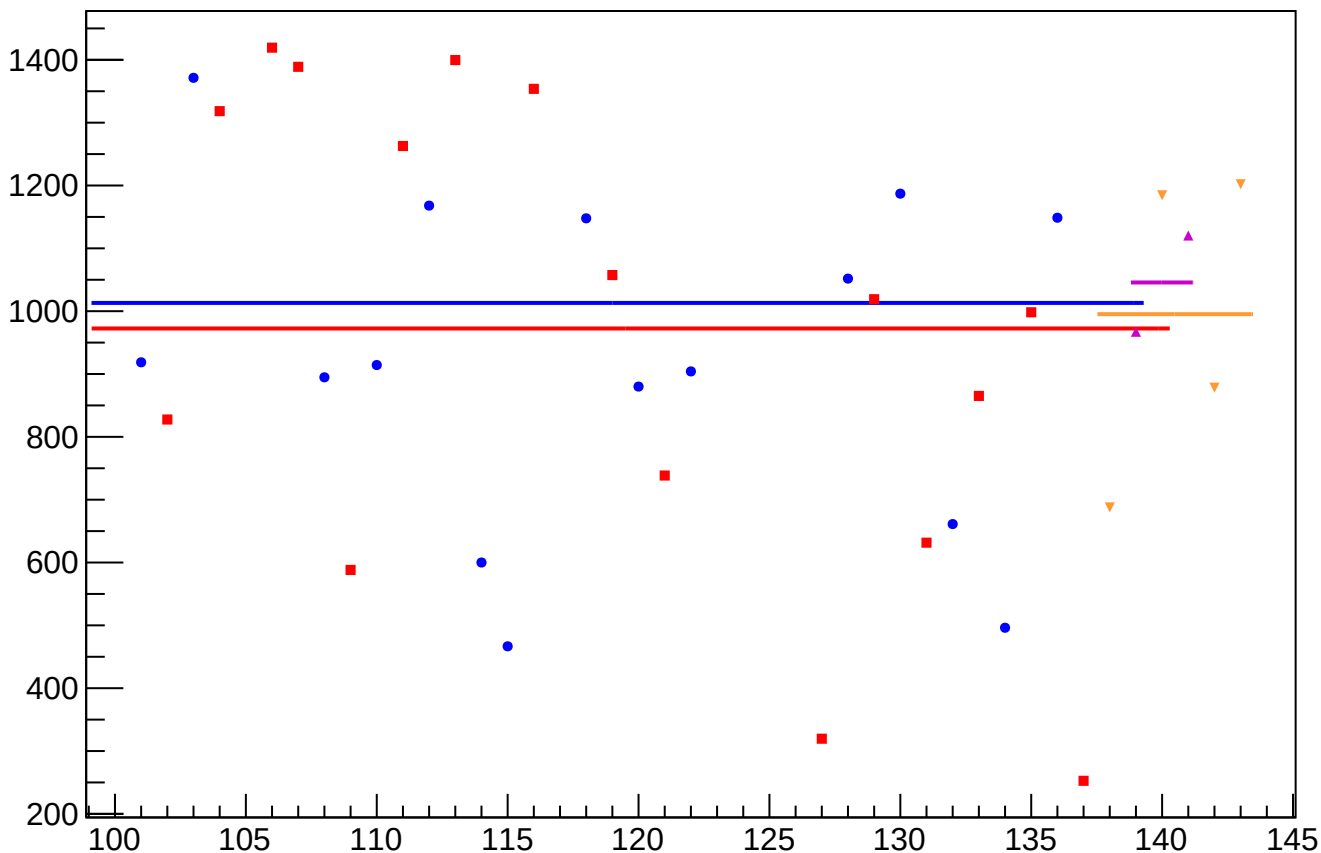
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 67.840+/-0.000 χ^2/NDF : 28480614802427660355363203037790208.0/3

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

Left In: 85.156+/-0.000 χ^2/NDF : 3008422066383075828596618207166464.0/1

dit_sam7_coil6_Ndata_mean vs Slug



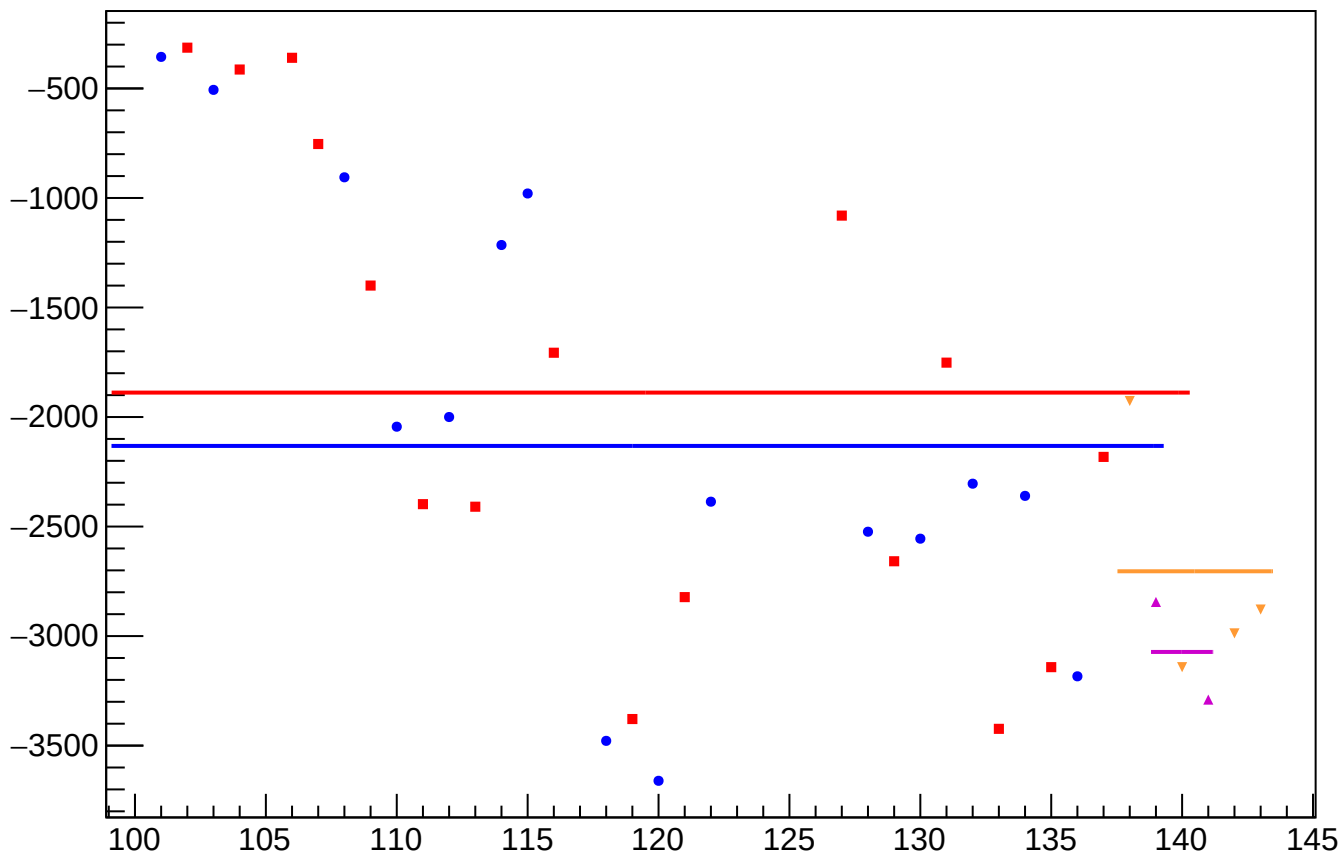
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

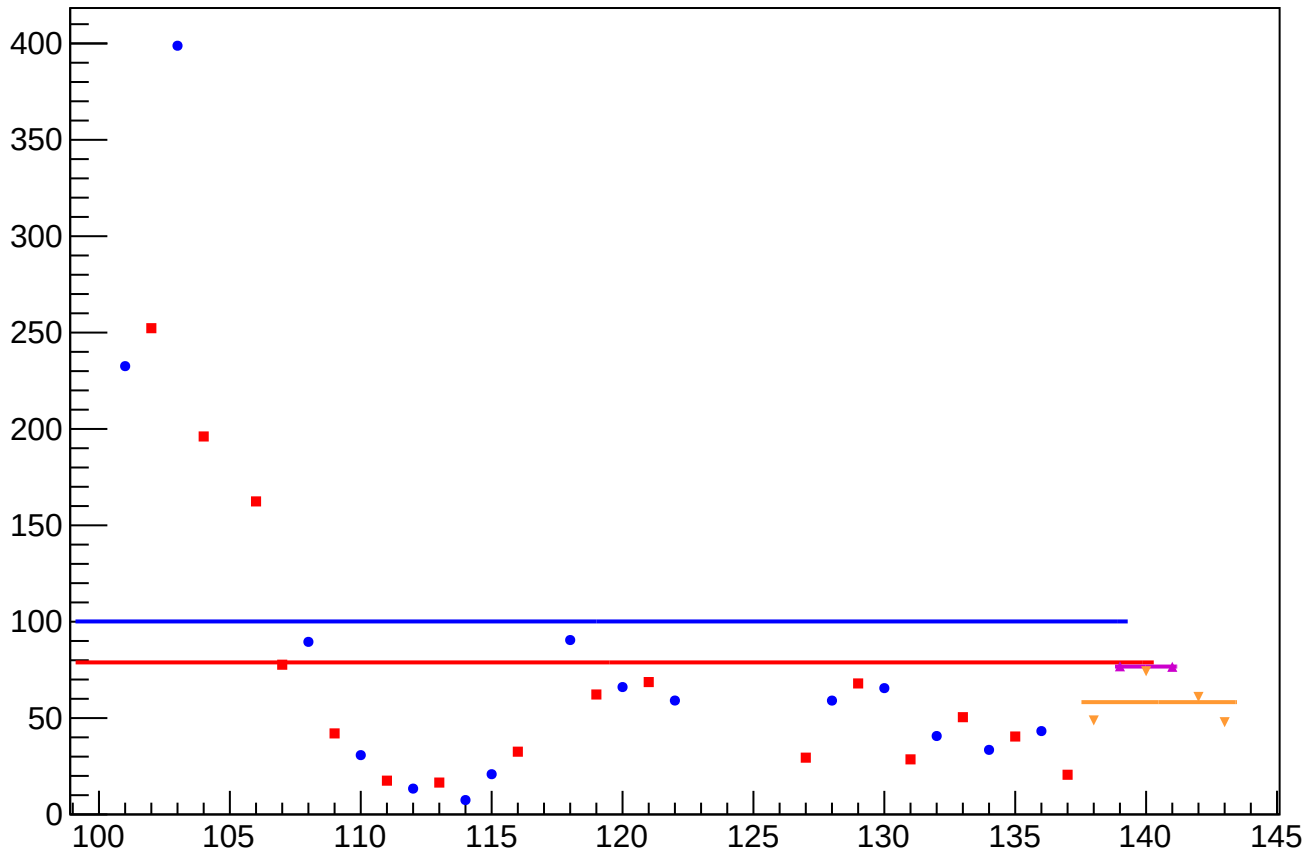
Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam8_coil6_mean vs Slug



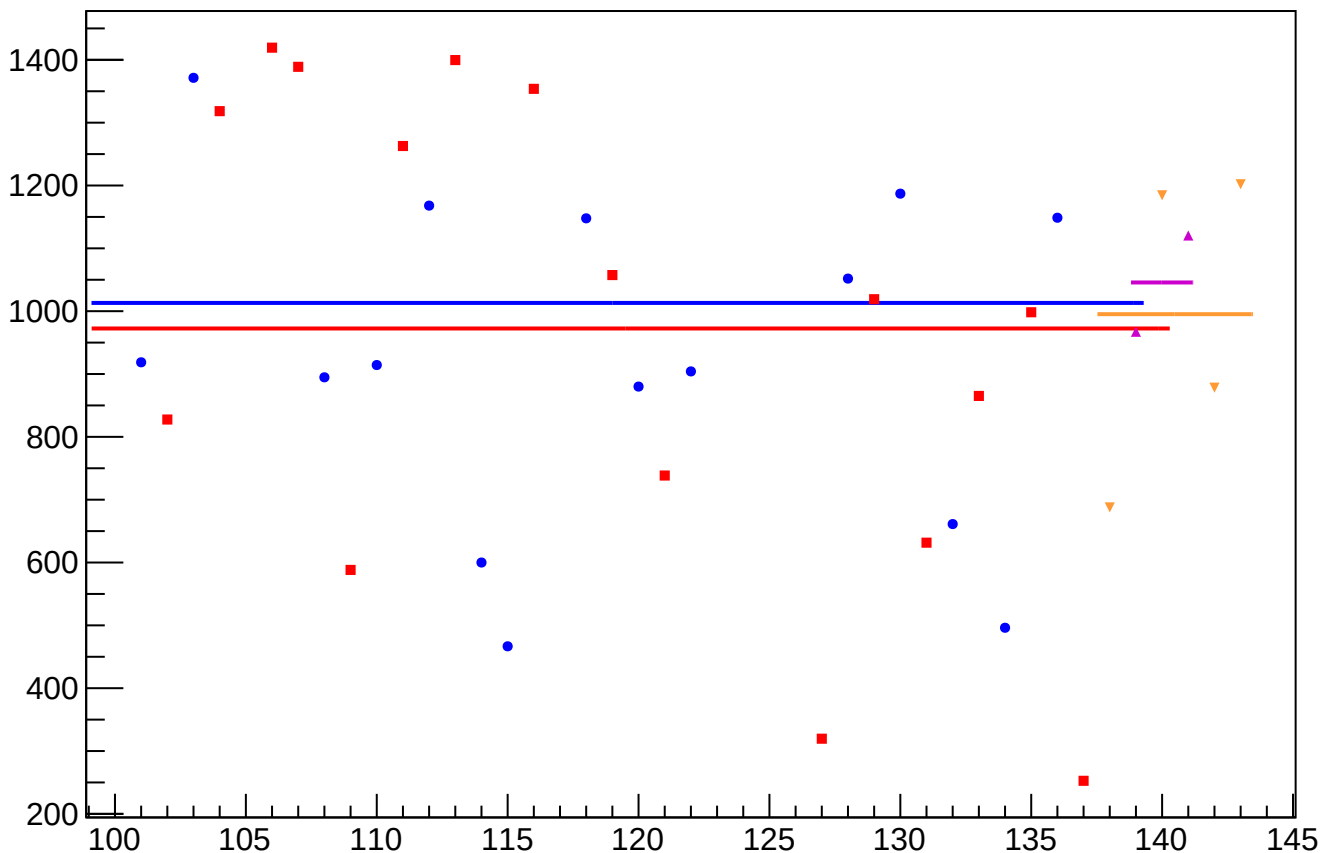
Right In: -2131.905+/-0.000	χ^2/NDF : 722433384570495071131450661983670501376.0/14
Left Out: -2704.200+/-0.000	χ^2/NDF : 68586885100701864272643740826798653440.0/3
Right Out: -1888.448+/-0.000	χ^2/NDF : 791986665551980691032719862611769819136.0/15
Left In: -3072.435+/-0.000	χ^2/NDF : 8242333550409311036417927879118028800.0/1

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 58.271+/-0.000 χ^2/NDF : 35690517952884192600429624559665152.0/3
 Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: 76.731+/-0.000 χ^2/NDF : 2948472252925634504609174126592.0/1

dit_sam8_coil6_Ndata_mean vs Slug



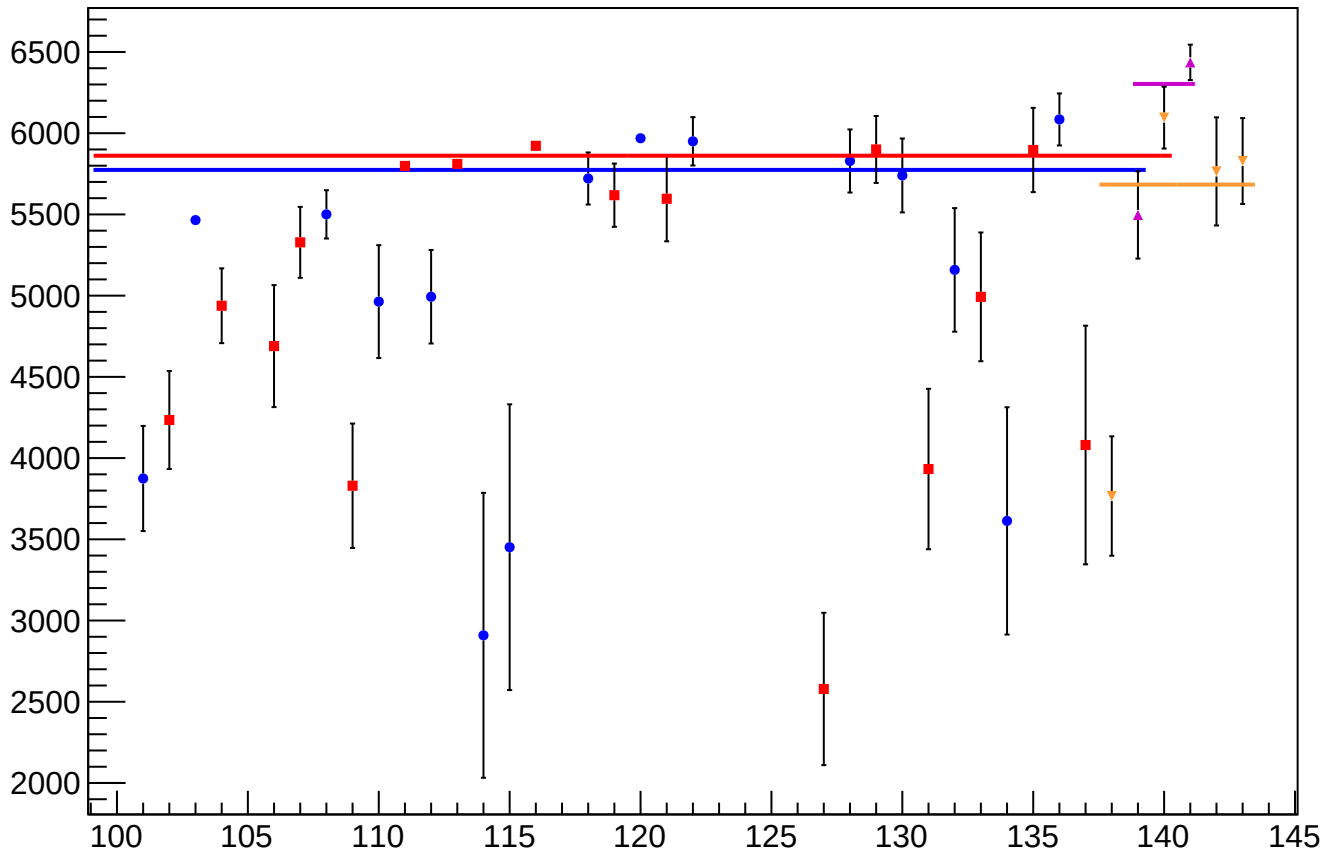
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_run_mean vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF : 32.3/3

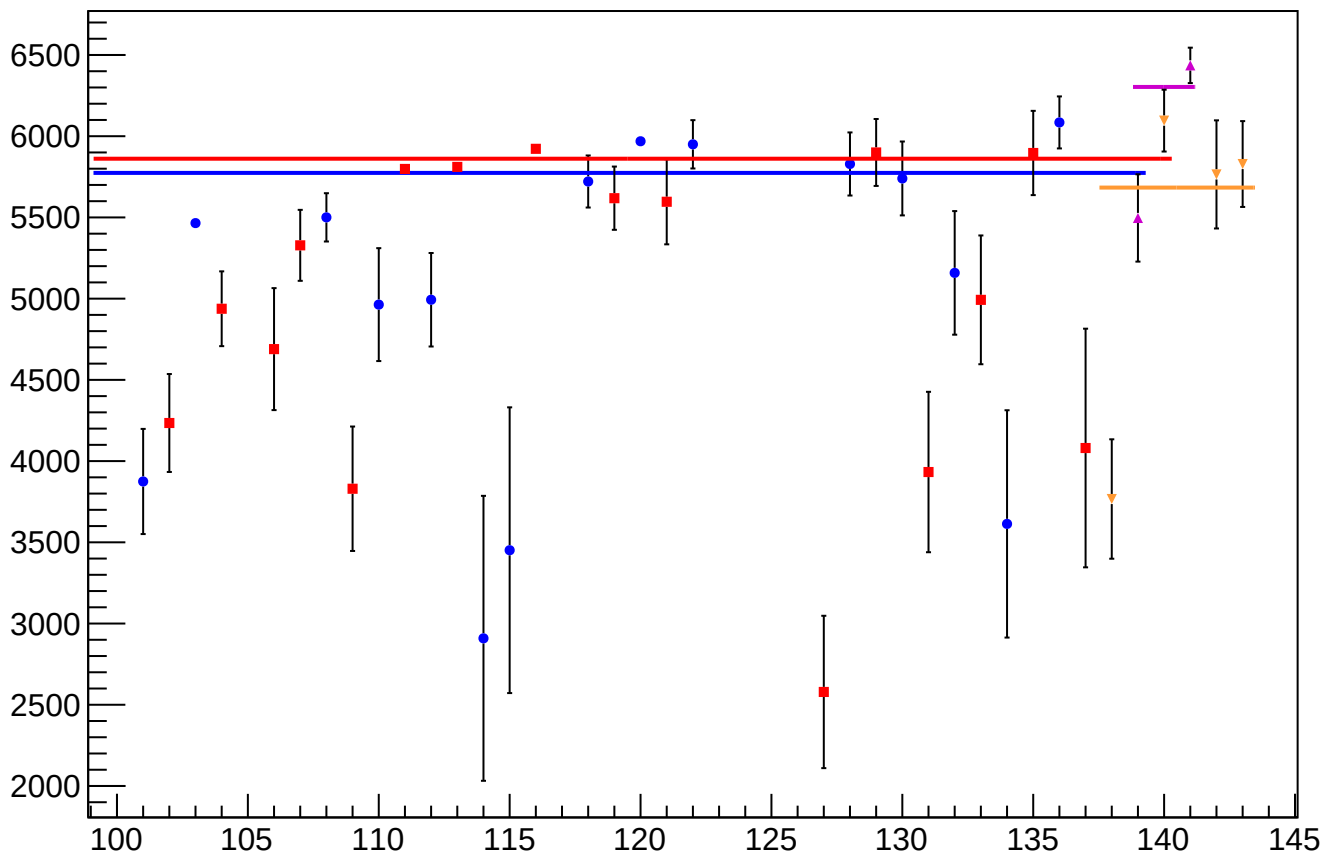
Right Out: 5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: 6303.277+/-101.012 χ^2/NDF : 10.5/1

5774.117+/-0.181 χ^2/NDF : 1828559.2/18

5861.462+/-0.140 χ^2/NDF : 180050.0/17

dit_run_rms vs Slug



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF : 32.3/3

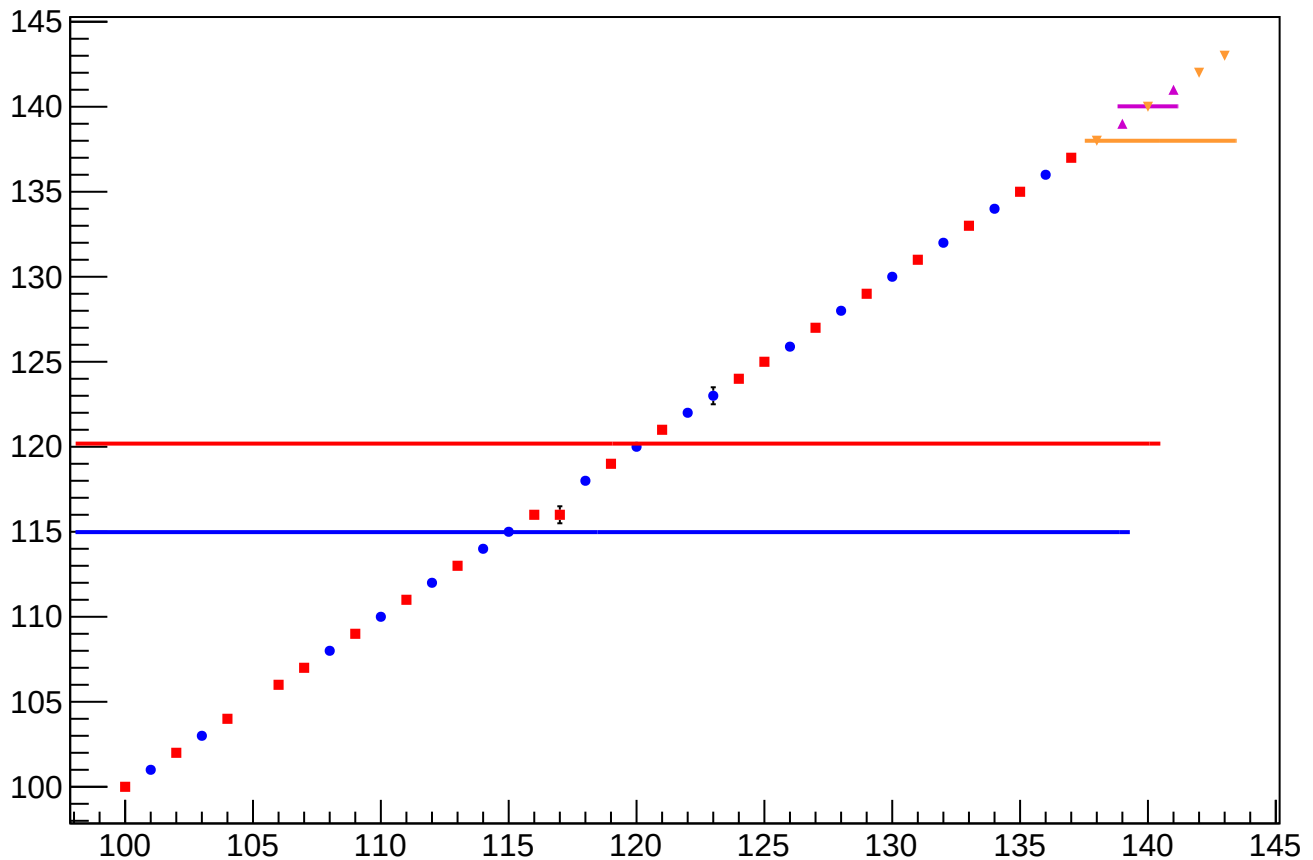
Right Out: 5861.461+/-0.140 χ^2/NDF : 180020.4/15

Left In: 6303.277+/-101.012 χ^2/NDF : 10.5/1

5774.117+/-0.181 χ^2/NDF : 1828559.2/18

5861.462+/-0.140 χ^2/NDF : 180050.0/17

dit_slug_slope vs Slug



Right In: 114.980 $\pm$ 0.000 χ^2 /NDF: 112344936246012934714934440230912.0/16

Left Out: 138.000 $\pm$ 0.000 χ^2 /NDF: 2816.0/3

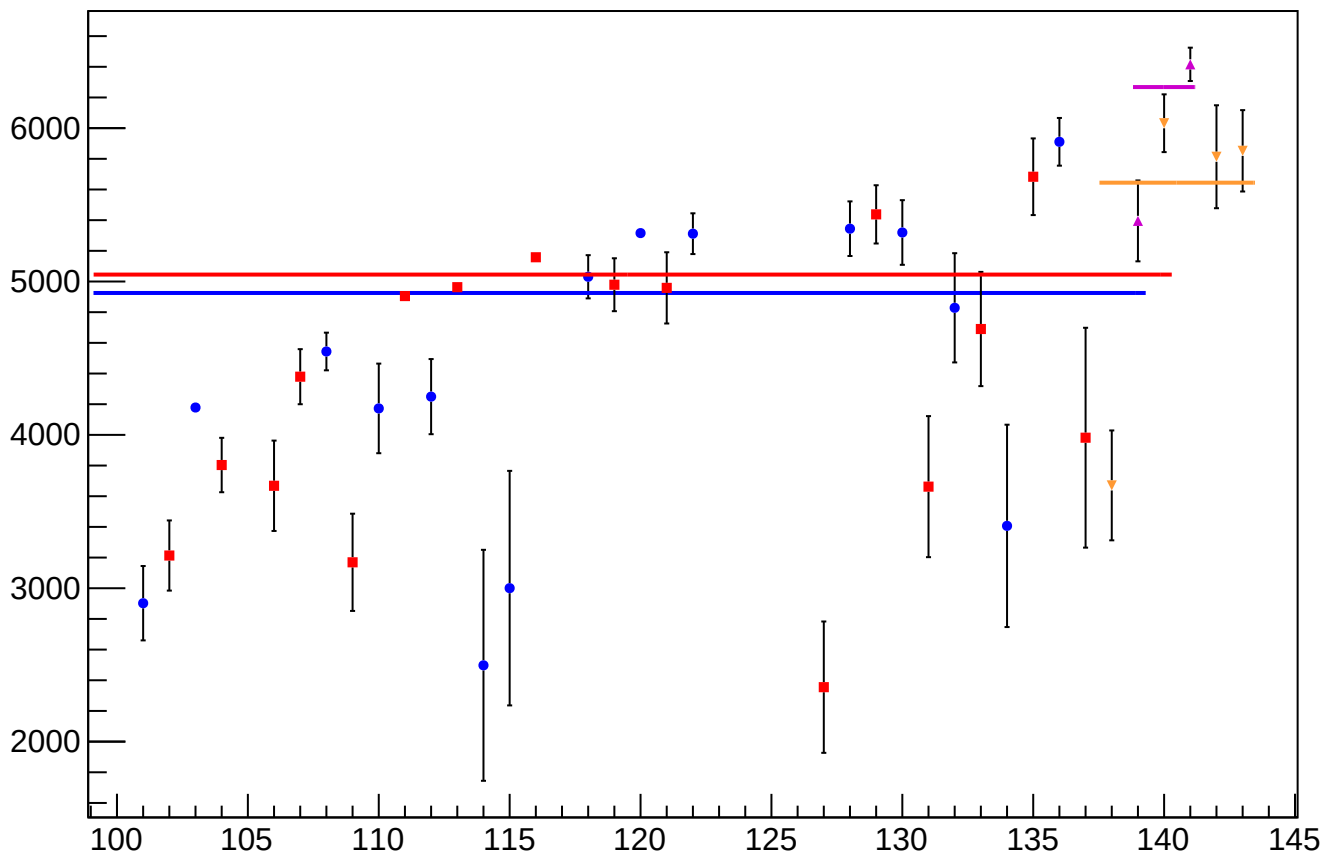
Right Out: 120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695528198041763840.0/19

Left In: 140.024 $\pm$ 0.078 χ^2 /NDF: 165.9/1

116.377 $\pm$ 0.000 χ^2 /NDF: 15979323783741632

120.186 $\pm$ 0.000 χ^2 /NDF: 52233253644261695

dit_cyclenum_mean vs Slug



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 5644.461+/-130.105 χ^2/NDF :35.5/3

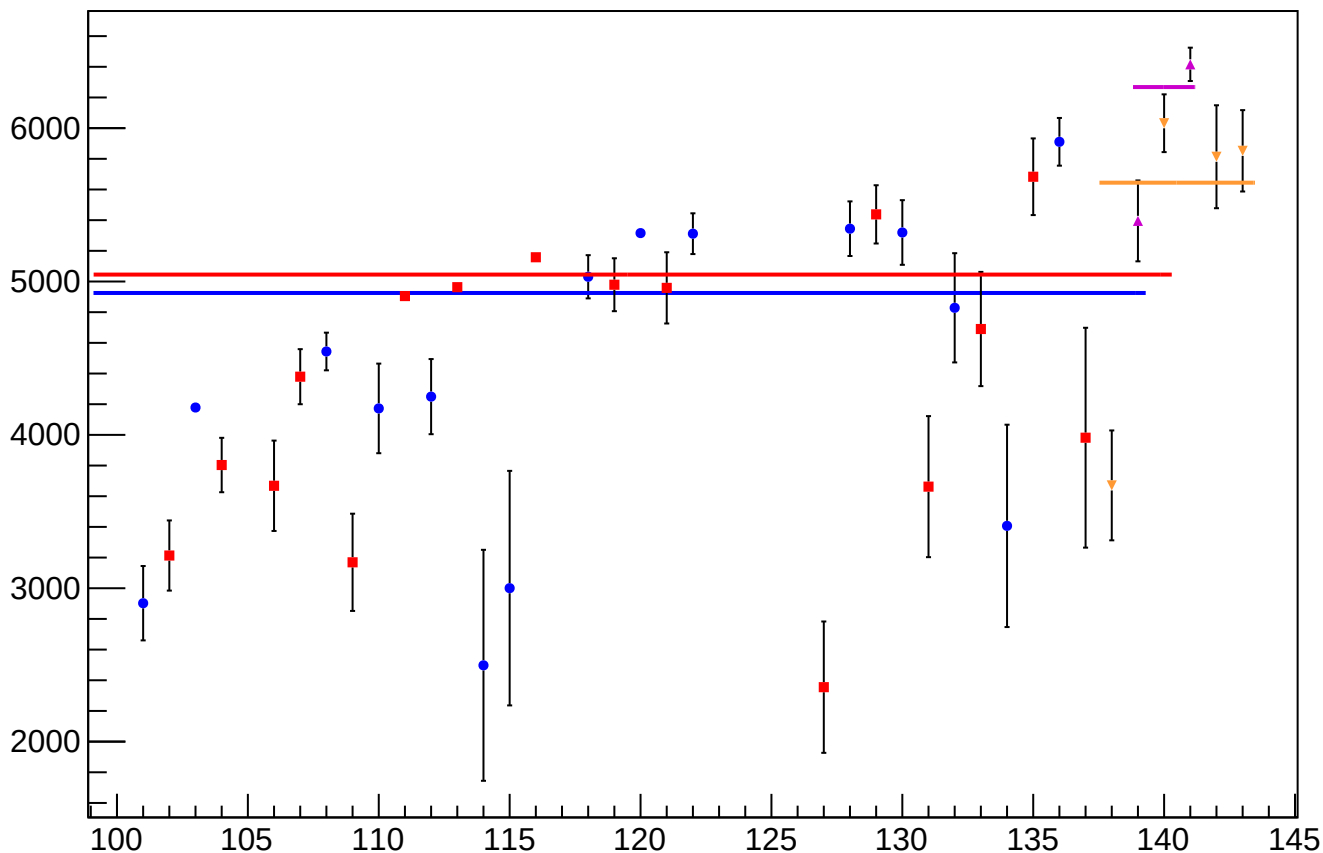
Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

Left In: 6267.902+/-100.487 χ^2/NDF :12.8/1

4925.343+/-0.939 χ^2/NDF : 331060.6/18

5045.275+/-0.668 χ^2/NDF : 30340.7/17

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 $\chi^2/\text{NDF}: 330994.6/14$

Left Out: 5644.461 ± 130.105 $\chi^2/\text{NDF}: 35.5/3$

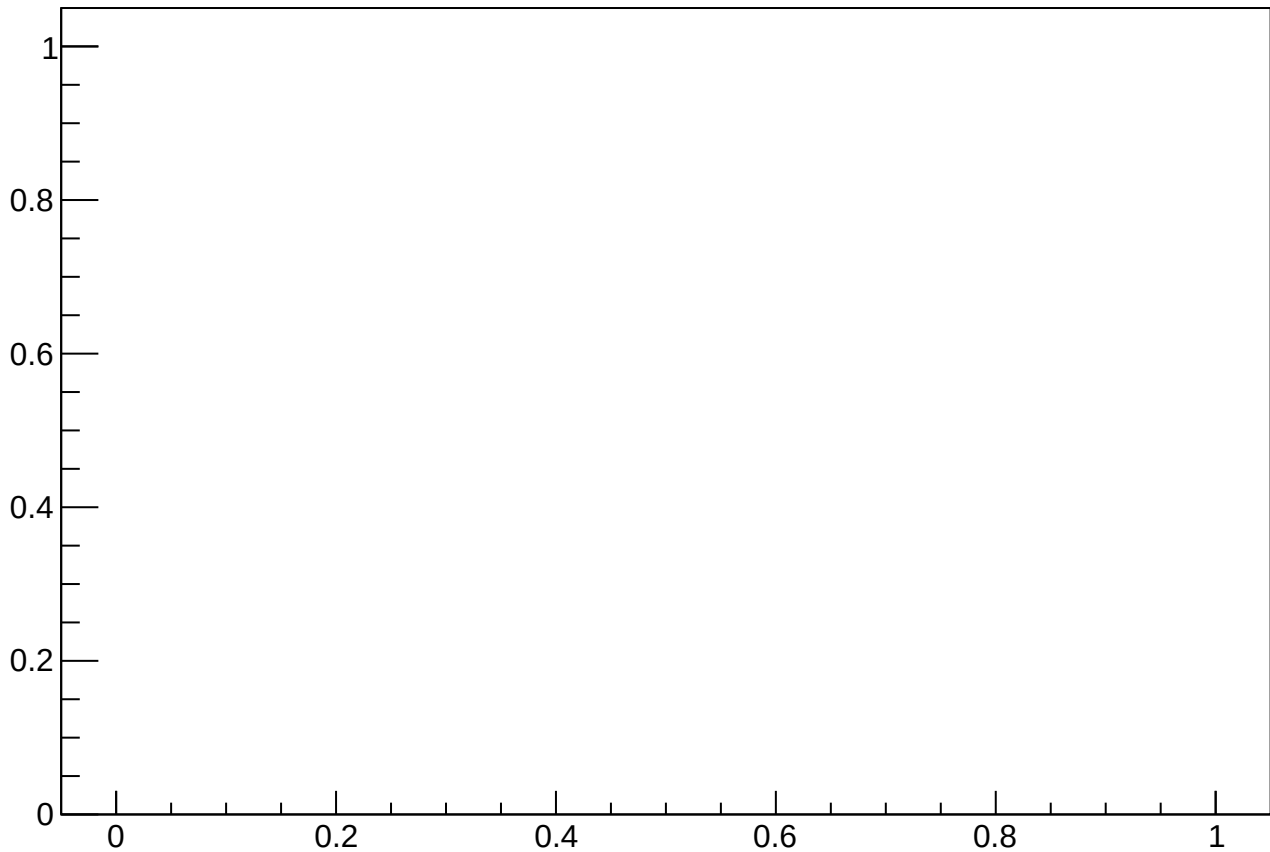
Right Out: 5045.221 ± 0.668 $\chi^2/\text{NDF}: 30179.9/15$

Left In: 6267.902 ± 100.487 $\chi^2/\text{NDF}: 12.8/1$

4925.343 ± 0.939 $\chi^2/\text{NDF}: 331060.6/18$

5045.275 ± 0.668 $\chi^2/\text{NDF}: 30340.7/17$

dit_scandata1_mean vs Slug



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

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

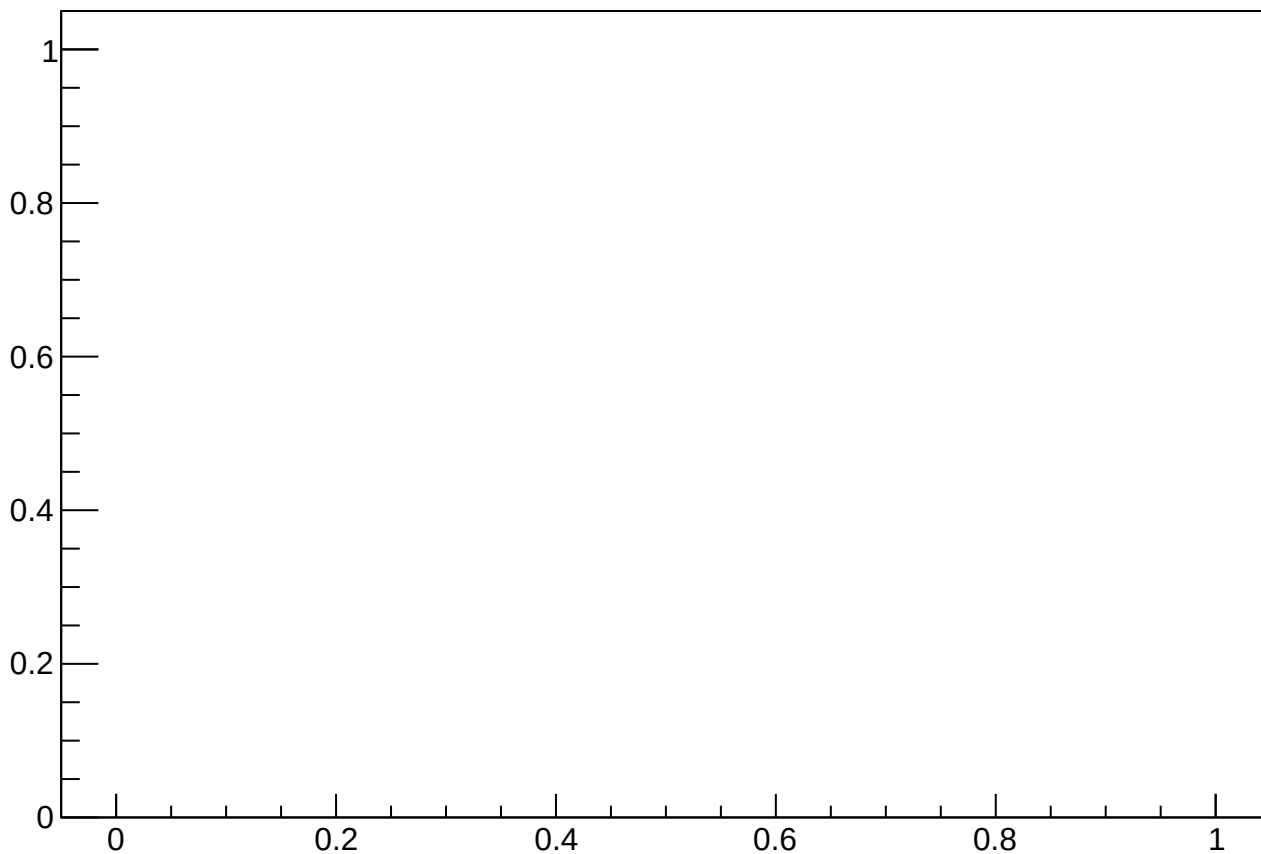
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_scandata2_mean vs Slug



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

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

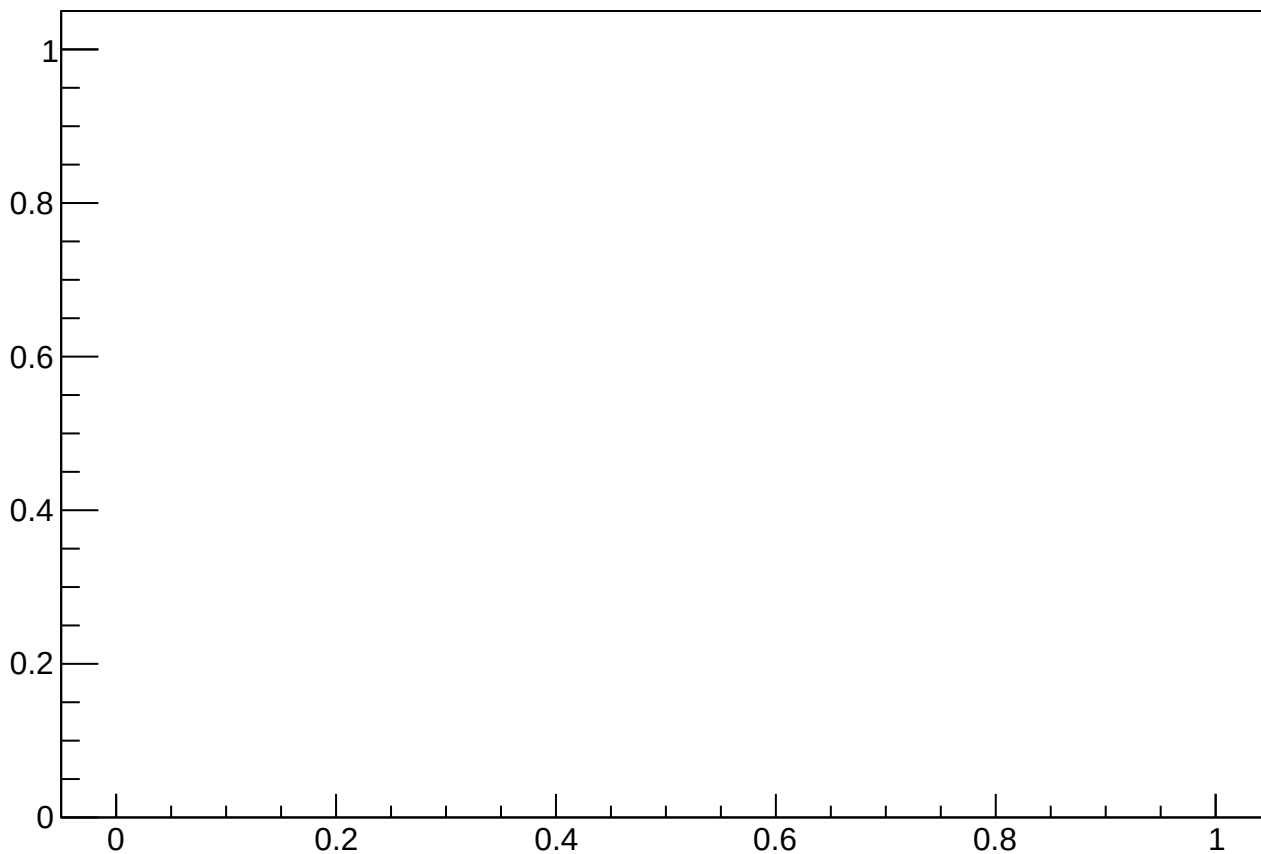
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug



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

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

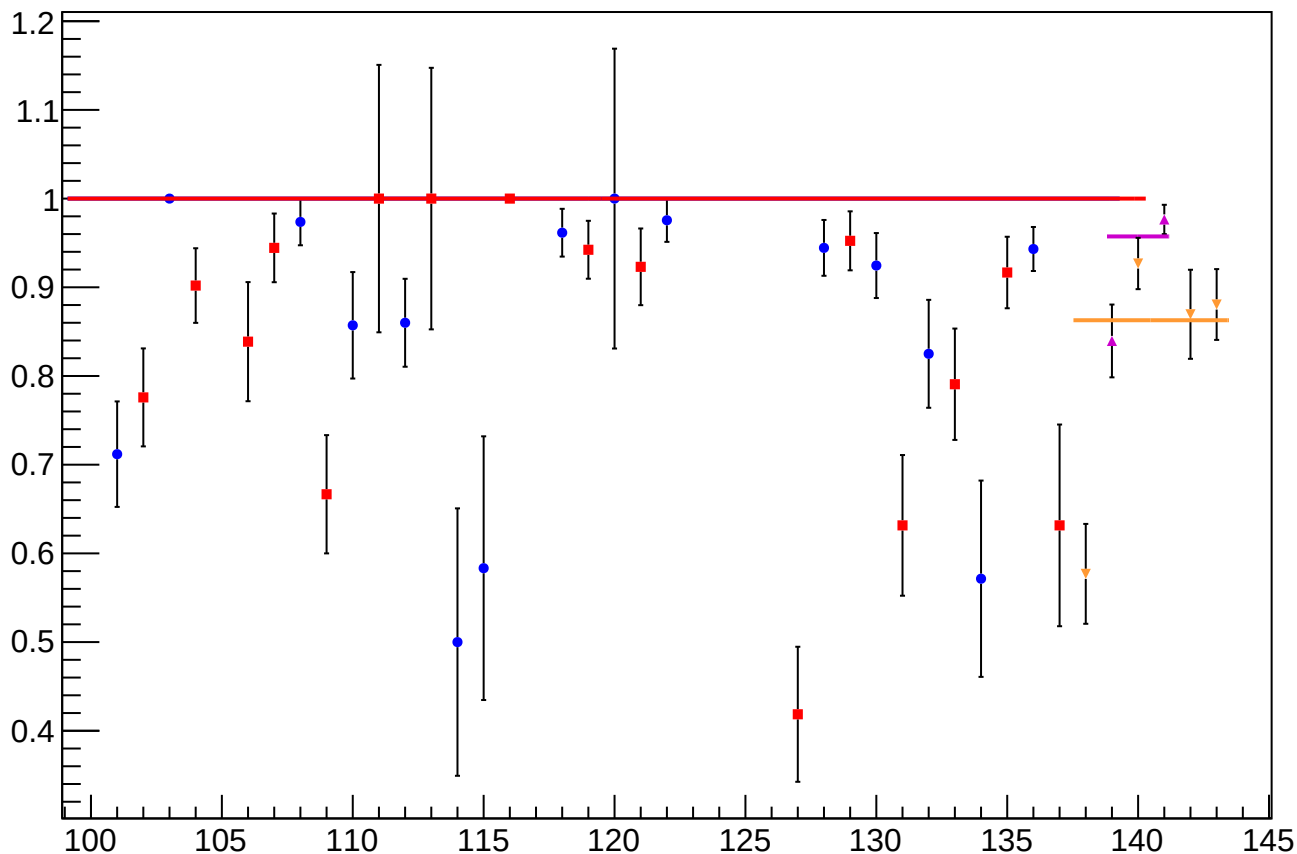
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.863 ± 0.020 χ^2/NDF : 30.9/3

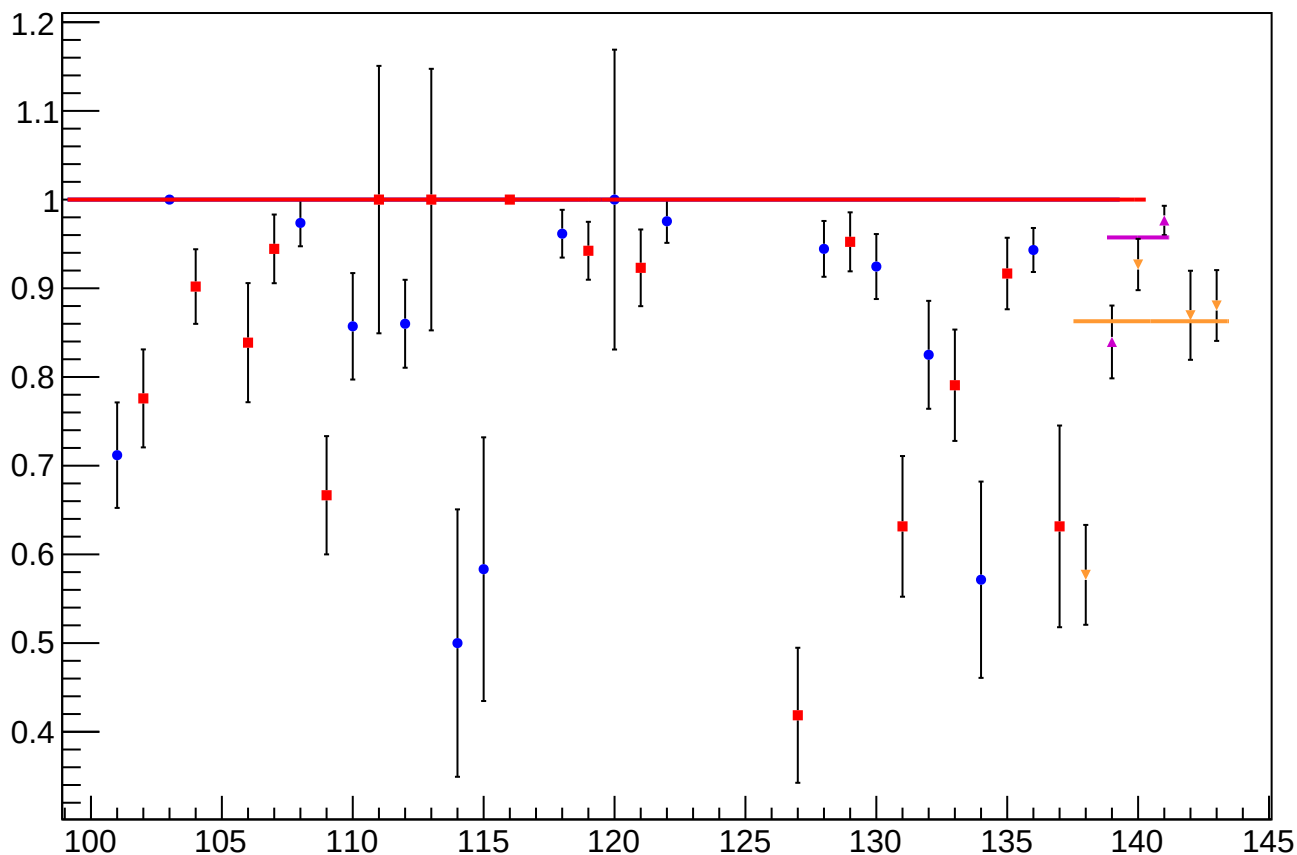
Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

Left In: 0.957 ± 0.015 χ^2/NDF : 9.6/1

1.000 ± 0.000 χ^2/NDF : 174.5/18

1.000 ± 0.000 χ^2/NDF : 186.2/17

dit_flag_rms vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.863 ± 0.020 χ^2/NDF : 30.9/3

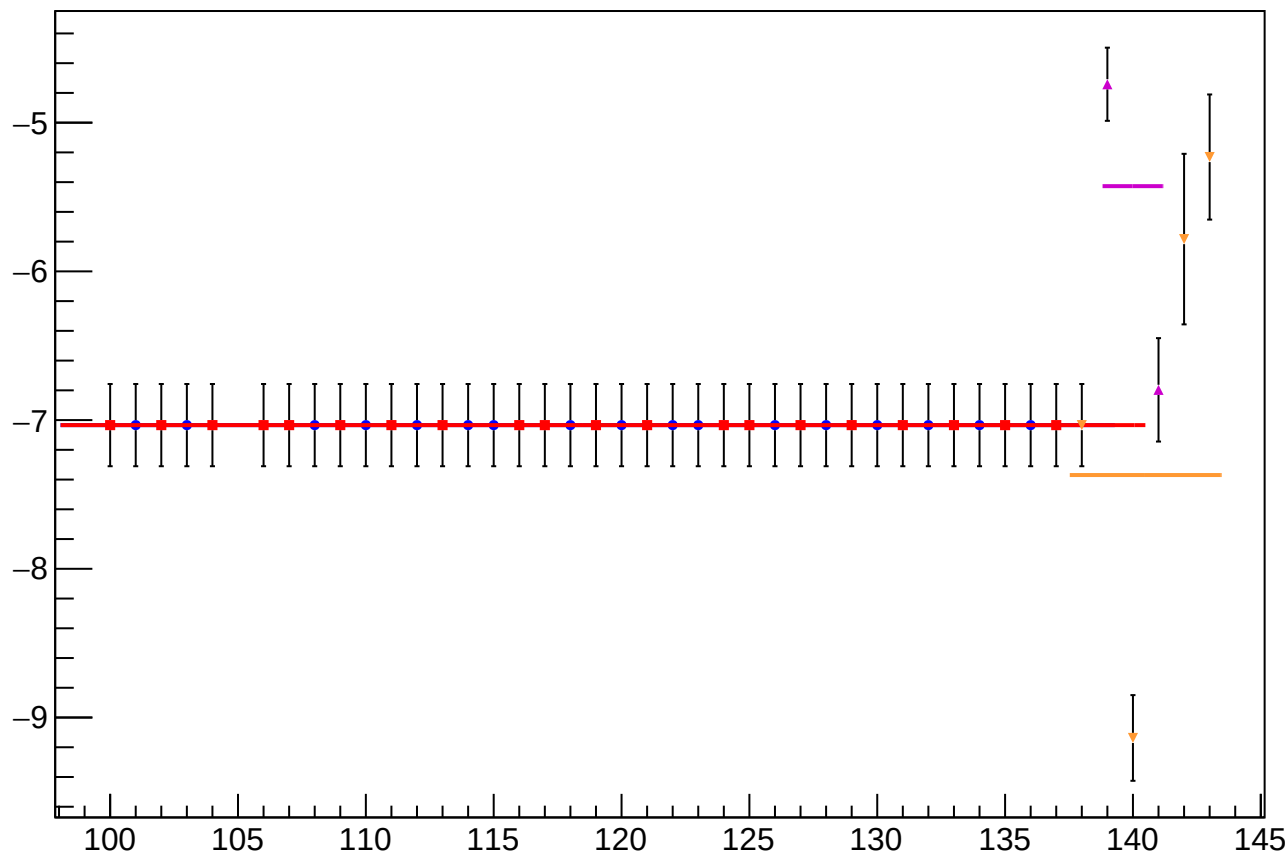
Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

Left In: 0.957 ± 0.015 χ^2/NDF : 9.6/1

1.000 ± 0.000 χ^2/NDF : 174.5/18

1.000 ± 0.000 χ^2/NDF : 186.2/17

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -7.034 ± 0.067 χ^2/NDF : 0.0/16

Left Out: -7.370 ± 0.172 χ^2/NDF : 72.6/3

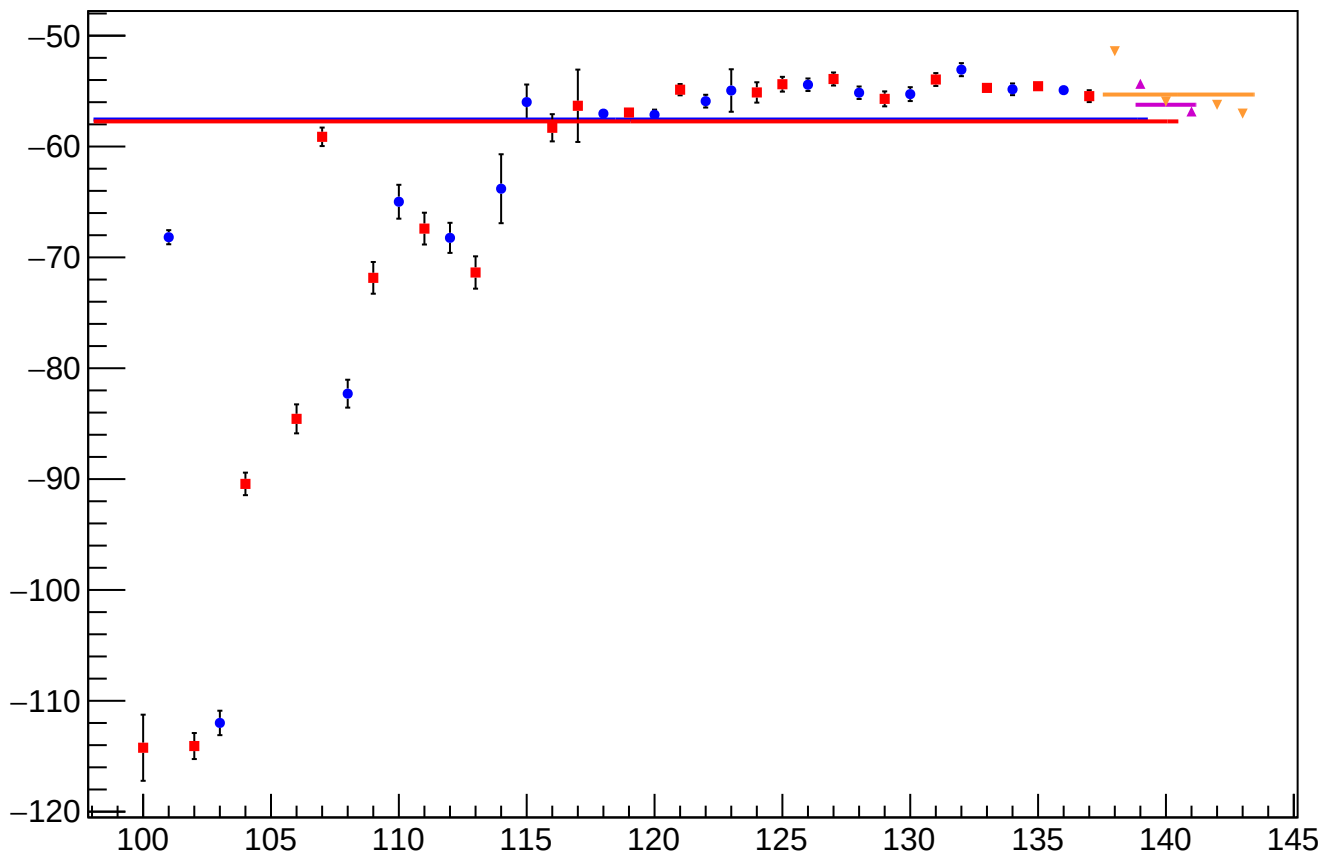
Right Out: -7.034 ± 0.062 χ^2/NDF : 0.0/19

Left In: -5.427 ± 0.201 χ^2/NDF : 23.3/1

-7.078 ± 0.062 χ^2/NDF : 75.9/20

-6.895 ± 0.059 χ^2/NDF : 81.8/21

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563+/-0.141 χ^2/NDF : 3455.9/16

Left Out: -55.311+/-0.148 χ^2/NDF :194.3/3

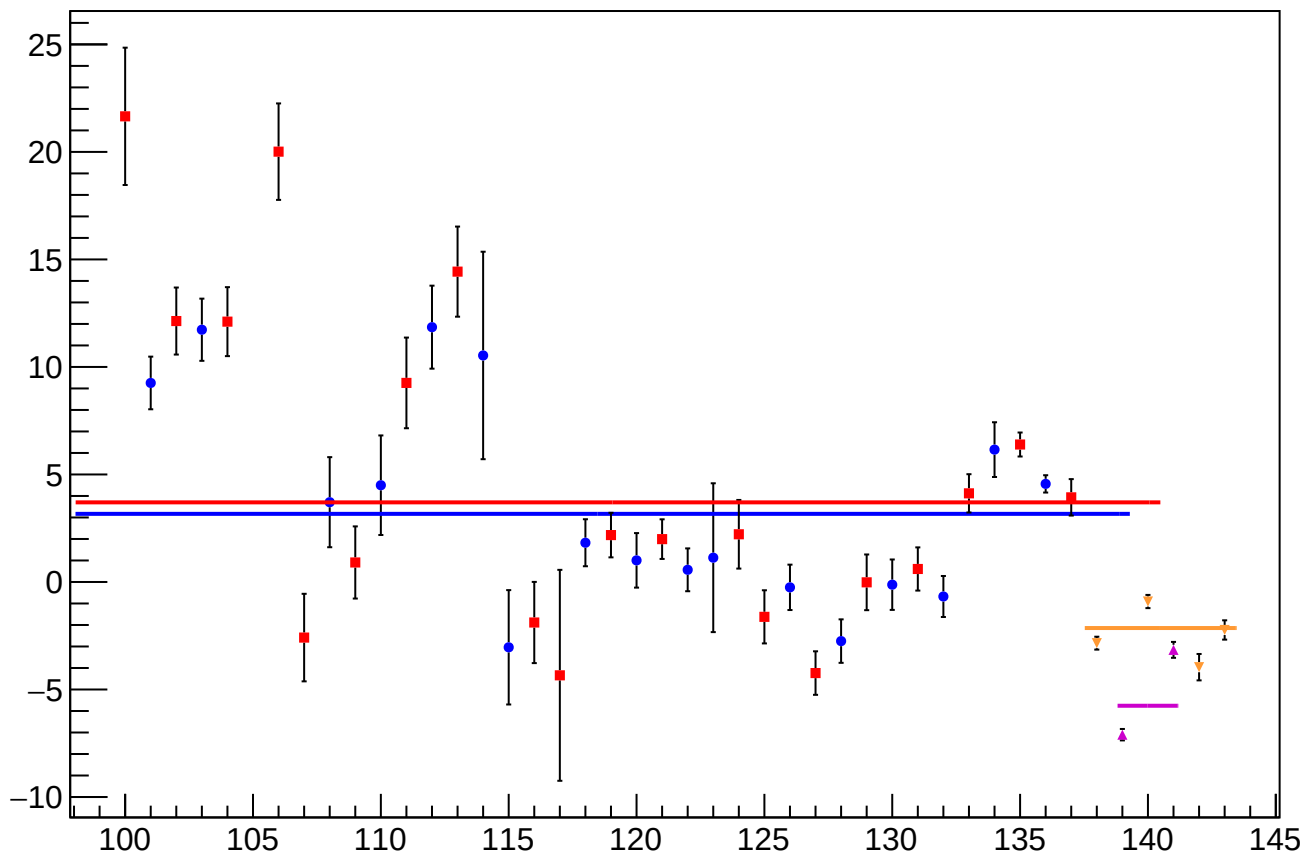
Right Out: -57.733+/-0.143 χ^2/NDF : 4698.6/19

Left In: -56.232+/-0.219 χ^2/NDF :23.8/1

-56.485+/-0.102 χ^2/NDF : 3771.6/20

-57.284+/-0.120 χ^2/NDF : 4755.5/21

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -2.142 ± 0.185 χ^2/NDF : 30.5/3

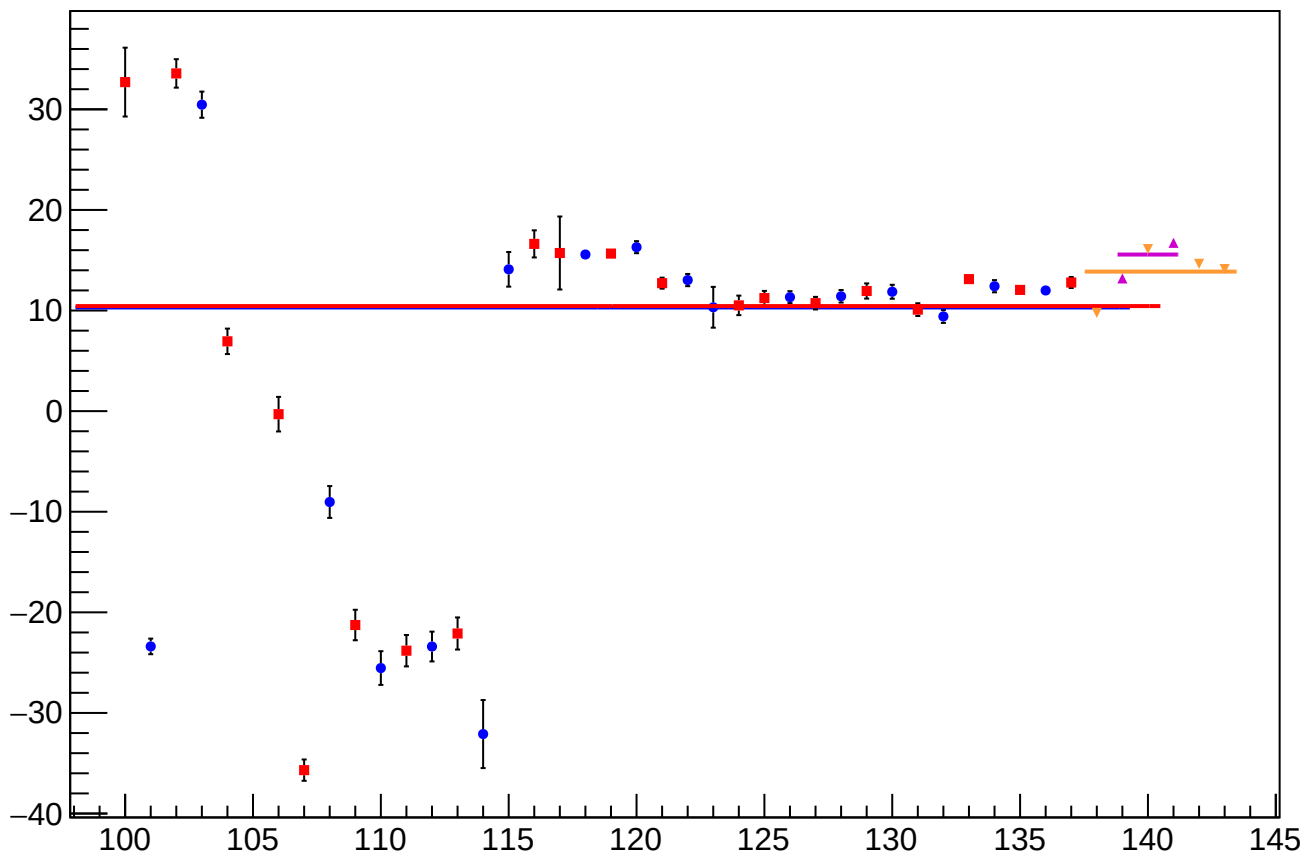
Right Out: 3.702 ± 0.267 χ^2/NDF : 326.0/19

Left In: -5.756 ± 0.216 χ^2/NDF : 75.0/1

-0.340 ± 0.150 χ^2/NDF : 497.1/20

-2.009 ± 0.168 χ^2/NDF : 1160.3/21

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2/NDF : 3712.3/16

Left Out: 13.870+/-0.173 χ^2/NDF :198.2/3

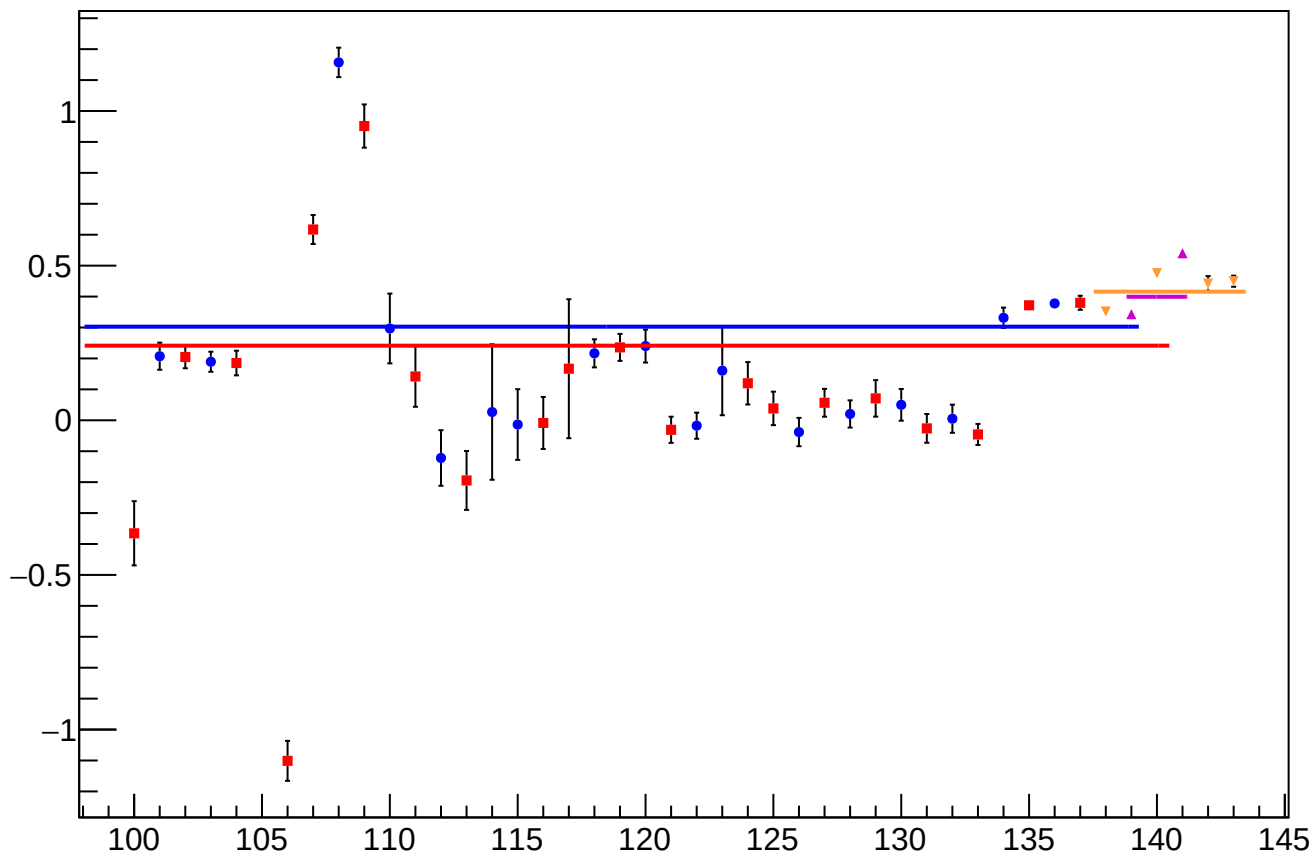
Right Out: 10.443+/-0.160 χ^2/NDF : 3830.6/19

Left In: 15.566+/-0.246 χ^2/NDF :45.8/1

11.909+/-0.116 χ^2/NDF : 4143.0/20

11.964+/-0.134 χ^2/NDF : 4181.8/21

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.416 $\pm$ 0.007 χ^2 /NDF: 55.9/3

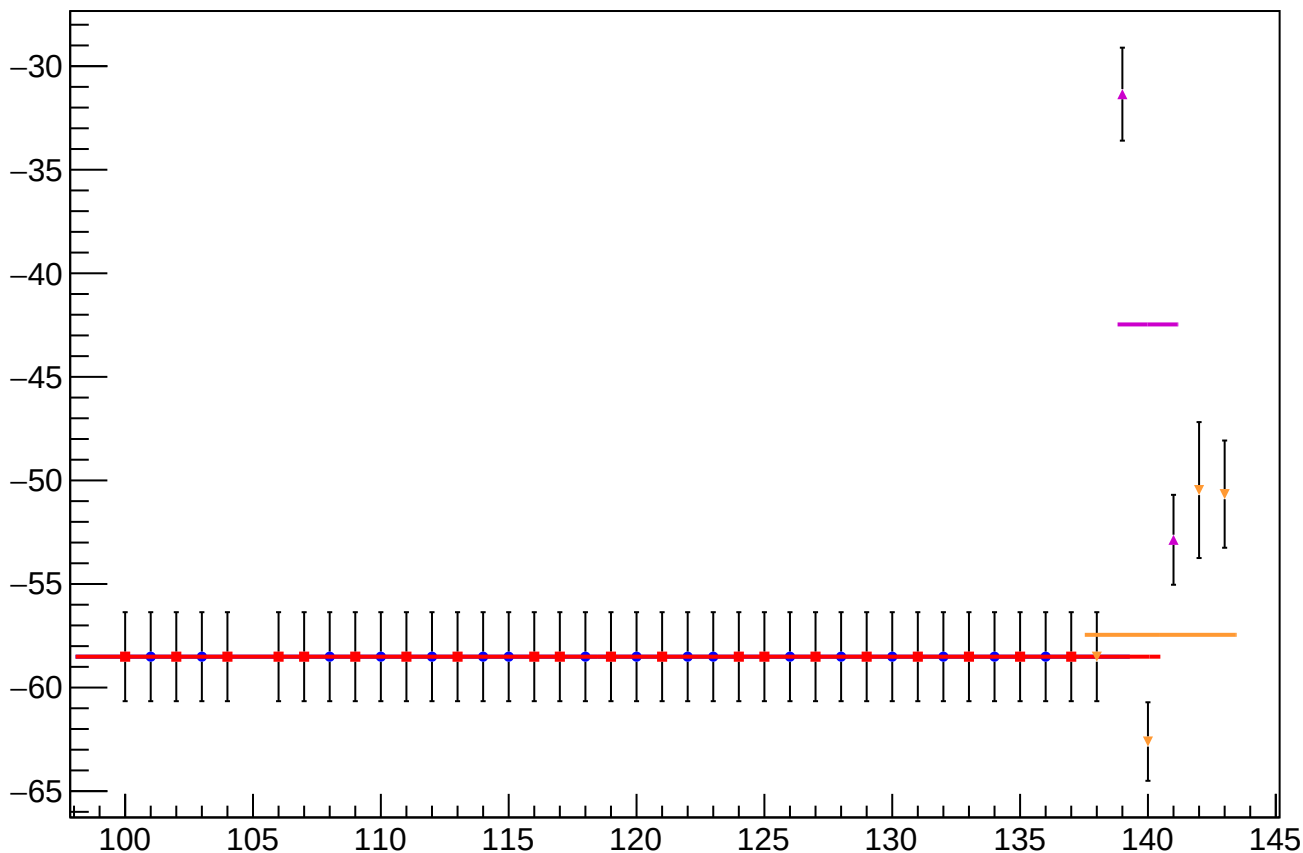
Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.9/19

Left In: 0.399 $\pm$ 0.008 χ^2 /NDF: 125.3/1

0.365 $\pm$ 0.006 χ^2 /NDF: 806.9/20

0.326 $\pm$ 0.006 χ^2 /NDF: 1297.4/21

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -58.509 $\pm$ 0.521 χ^2 /NDF: 0.0/16

Left Out: -57.454 $\pm$ 1.165 χ^2 /NDF:19.1/3

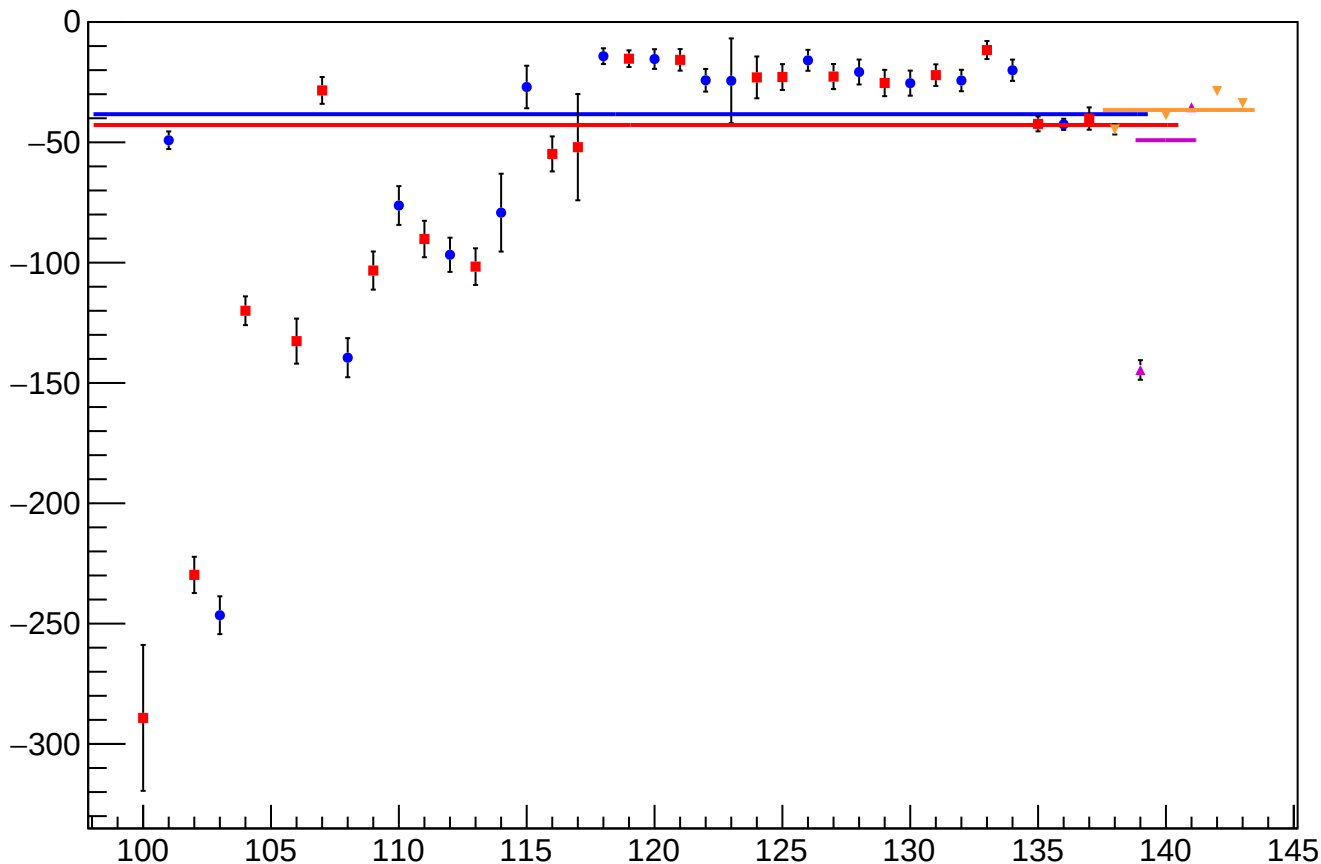
Right Out: -58.509 $\pm$ 0.480 χ^2 /NDF: 0.0/19

Left In: -42.469 $\pm$ 1.560 χ^2 /NDF:47.5/1

-58.333 $\pm$ 0.476 χ^2 /NDF: 19.7/20

-57.120 $\pm$ 0.459 χ^2 /NDF: 144.0/21

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 $\pm$ 1.137 χ^2 /NDF: 1132.7/16

Left Out: -36.552 $\pm$ 0.915 χ^2 /NDF:33.7/3

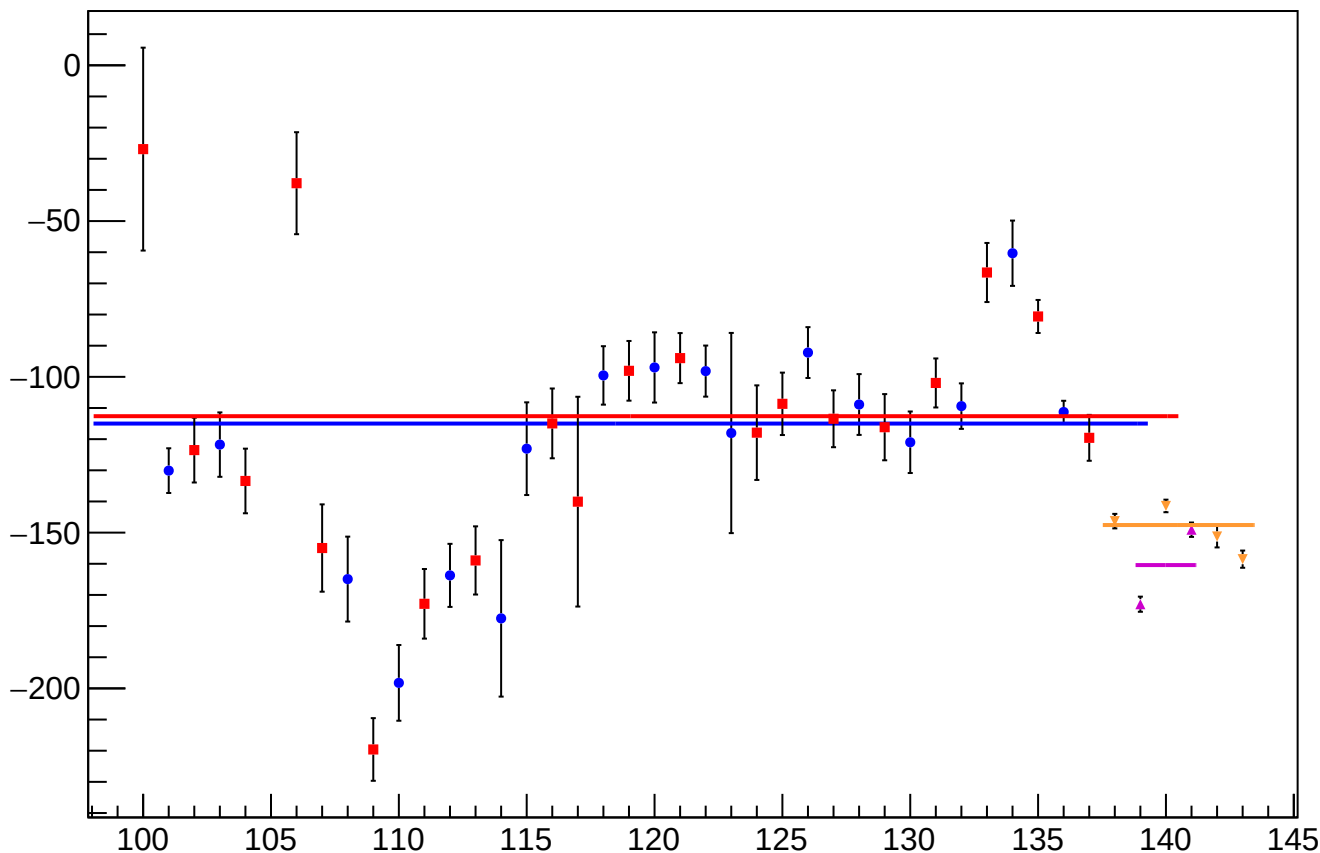
Right Out: -42.784 $\pm$ 1.209 χ^2 /NDF: 1341.8/19

Left In: -49.110 $\pm$ 1.443 χ^2 /NDF:629.1/1

-37.243 $\pm$ 0.713 χ^2 /NDF: 1167.8/20

-45.392 $\pm$ 0.927 χ^2 /NDF: 1982.1/21

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996+/-2.072 χ^2/NDF : 141.8/16

Left Out: -147.563+/-1.248 χ^2/NDF : 26.3/3

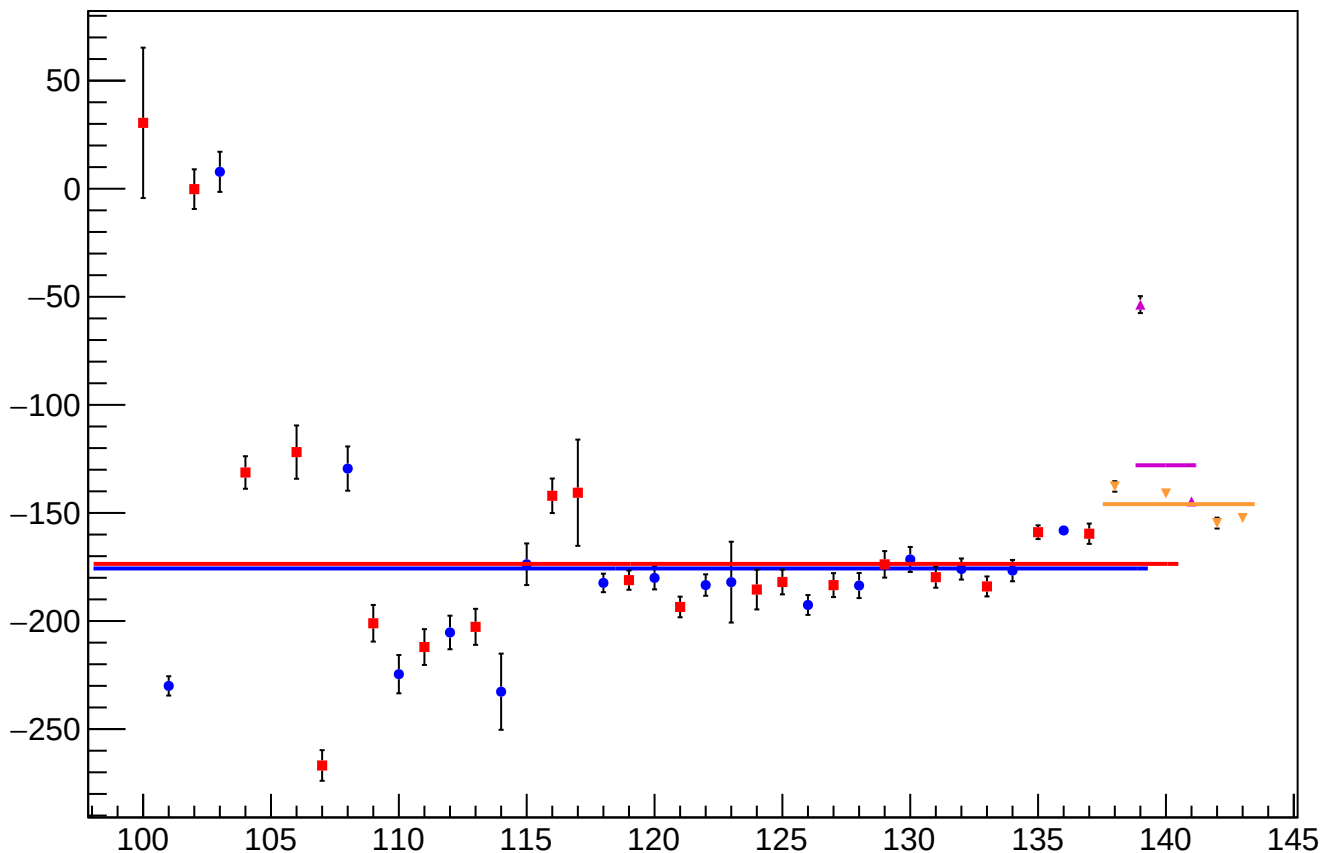
Right Out: -112.628+/-2.202 χ^2/NDF : 273.8/19

Left In: -160.415+/-1.673 χ^2/NDF : 51.0/1

-138.894+/-1.069 χ^2/NDF : 349.3/20

-142.928+/-1.332 χ^2/NDF : 623.4/21

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -145.922 ± 1.095 χ^2/NDF : 39.7/3

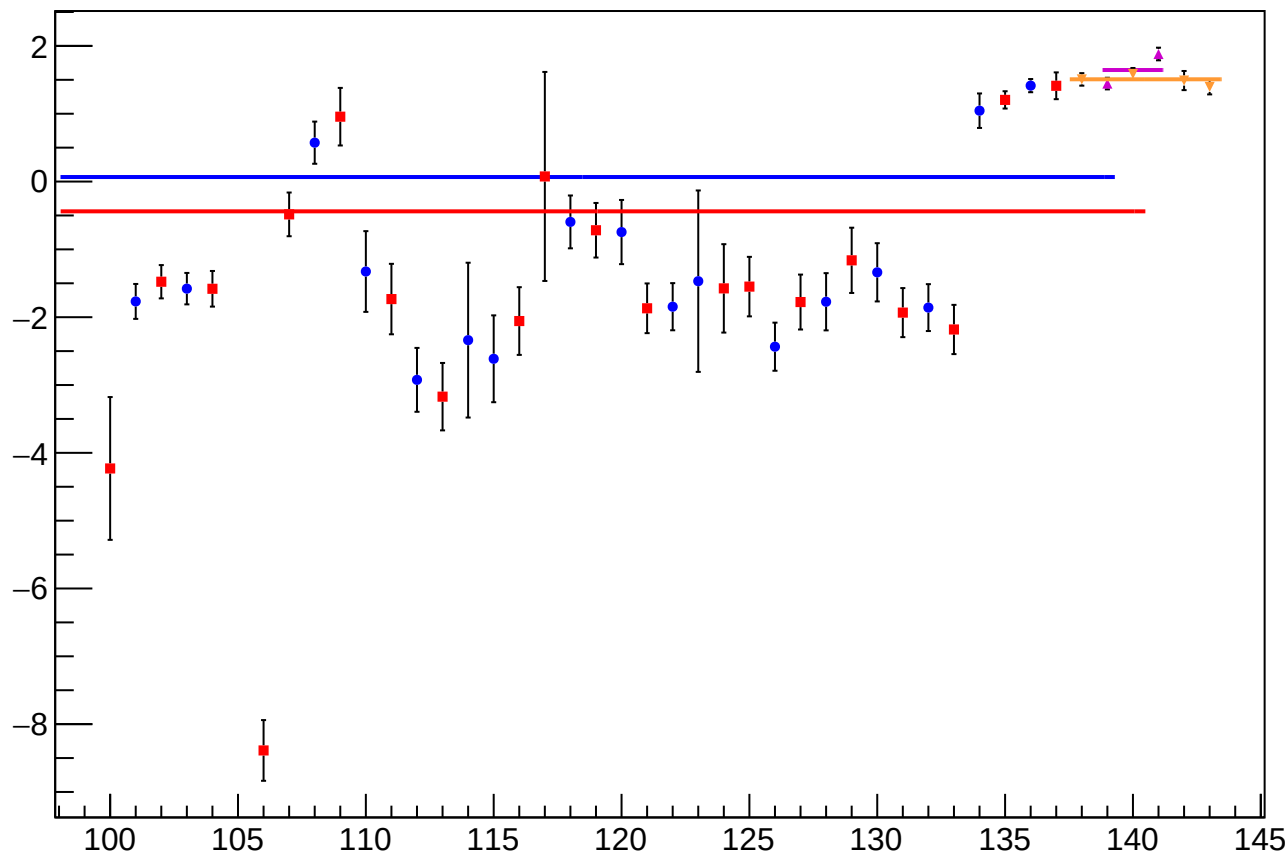
Right Out: -173.566 ± 1.354 χ^2/NDF : 739.5/19

Left In: -127.946 ± 1.681 χ^2/NDF : 440.0/1

-158.651 ± 0.829 χ^2/NDF : 1048.4/20

-155.614 ± 1.054 χ^2/NDF : 1626.4/21

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.508 ± 0.051 χ^2/NDF : 1.8/3

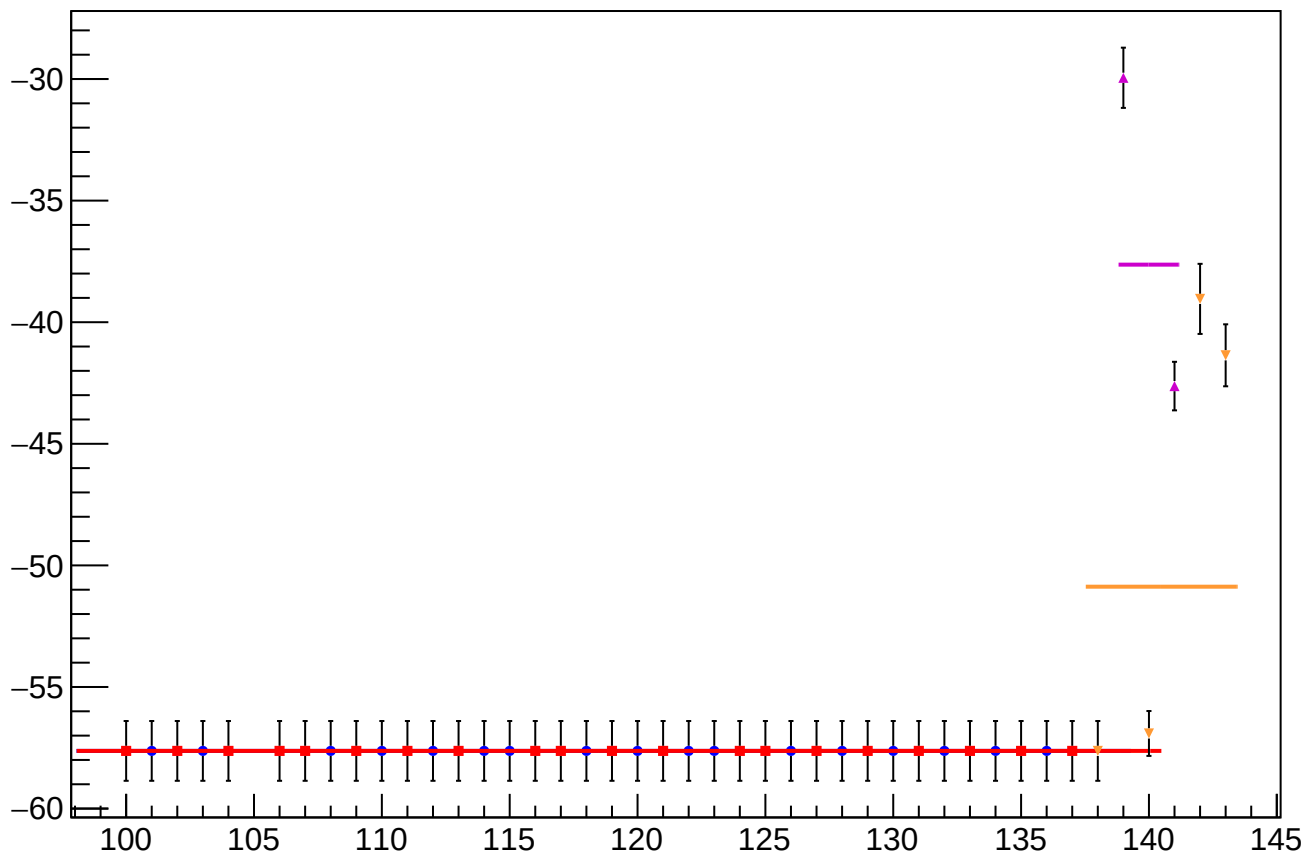
Right Out: -0.439 ± 0.071 χ^2/NDF : 755.0/19

Left In: 1.645 ± 0.063 χ^2/NDF : 11.8/1

0.973 ± 0.041 χ^2/NDF : 819.2/20

0.724 ± 0.047 χ^2/NDF : 1247.3/21

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -57.628 ± 0.298 χ^2/NDF : 0.0/16

Left Out: -50.876 ± 0.584 χ^2/NDF : 196.1/3

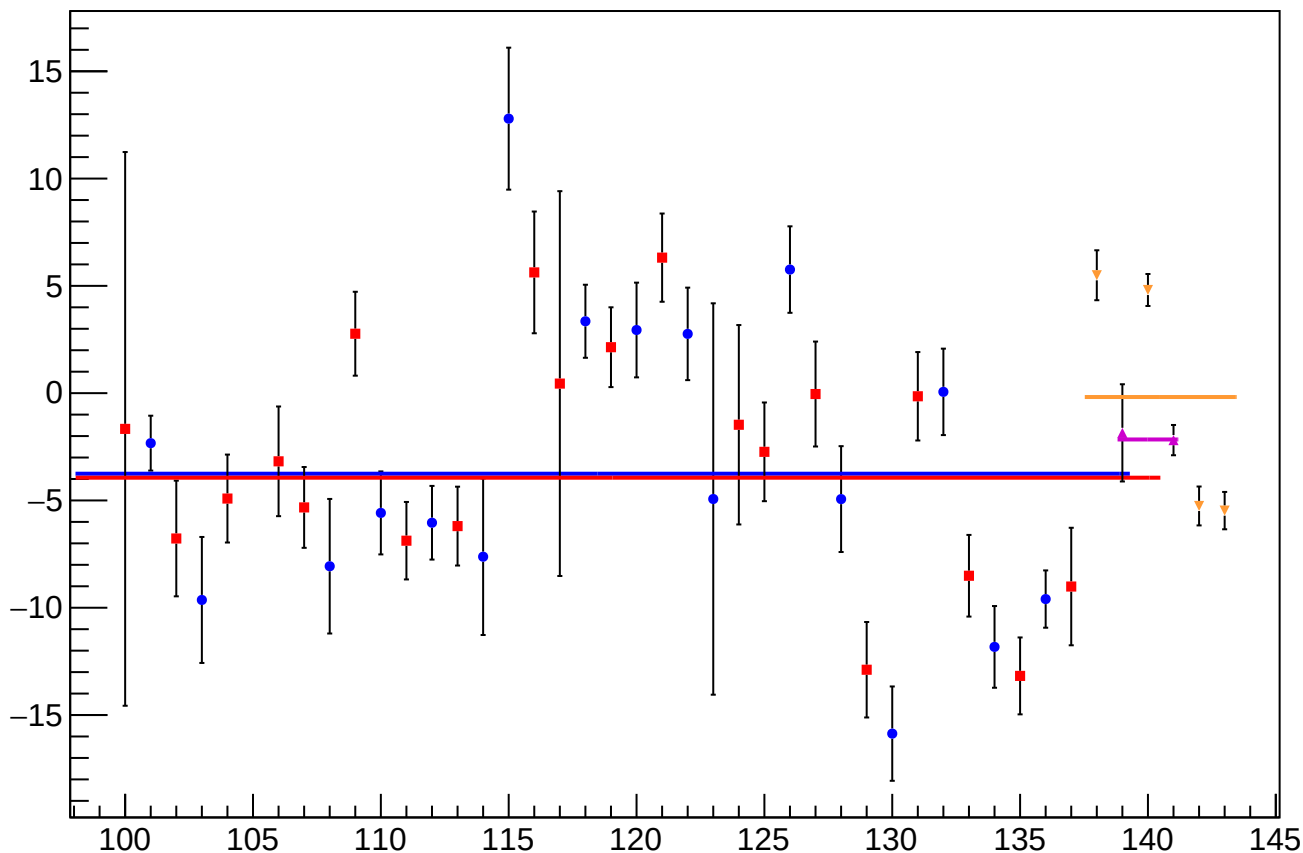
Right Out: -57.628 ± 0.275 χ^2/NDF : 0.0/19

Left In: -37.633 ± 0.777 χ^2/NDF : 63.5/1

-56.232 ± 0.266 χ^2/NDF : 302.2/20

-55.405 ± 0.259 χ^2/NDF : 651.8/21

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754+/-0.495 χ^2/NDF : 165.3/16

Left Out: -0.180+/-0.444 χ^2/NDF :136.9/3

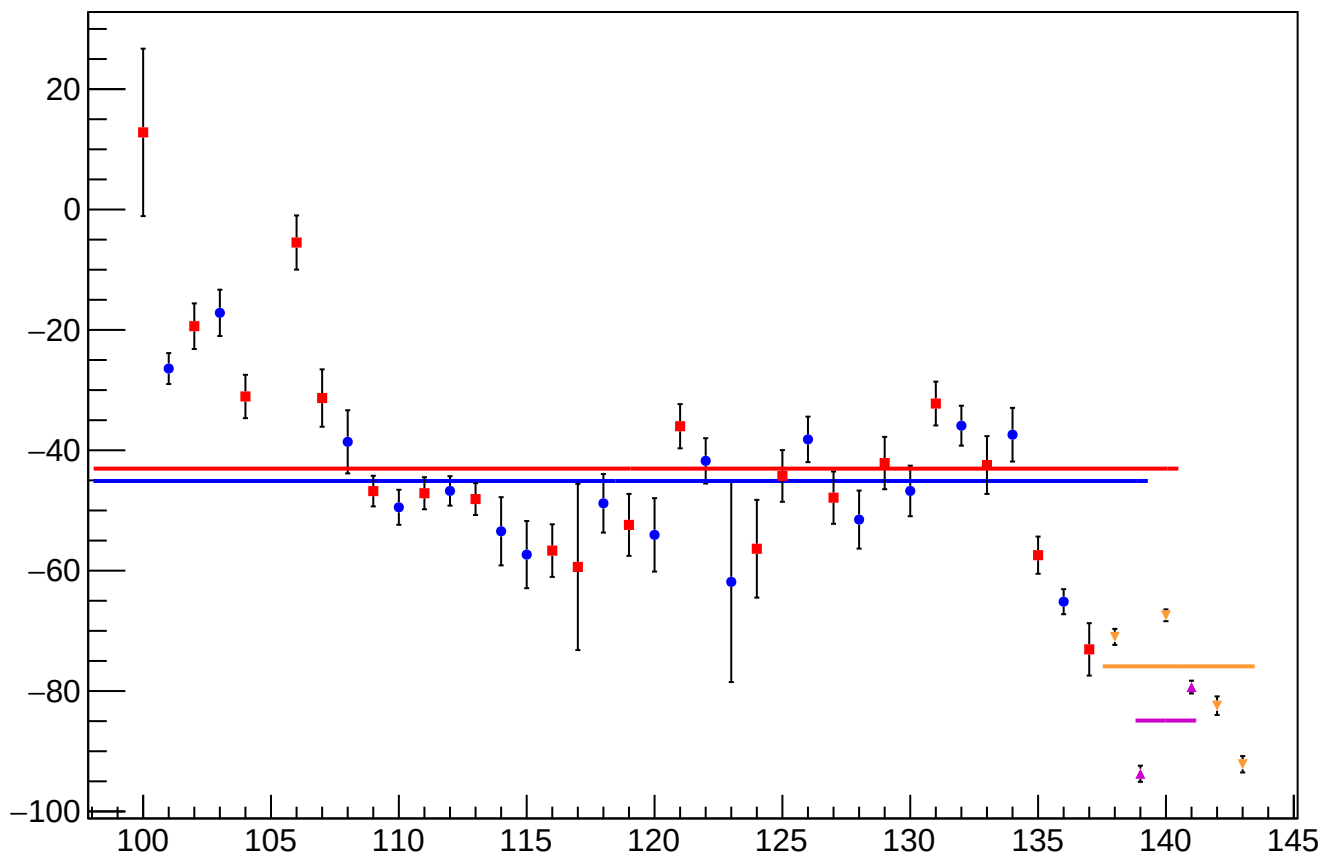
Right Out: -3.940+/-0.506 χ^2/NDF : 123.6/19

Left In: -2.159+/-0.674 χ^2/NDF :0.0/1

-1.773+/-0.330 χ^2/NDF : 331.1/20

-3.297+/-0.405 χ^2/NDF : 128.0/21

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -75.894 ± 0.625 χ^2/NDF : 249.1/3

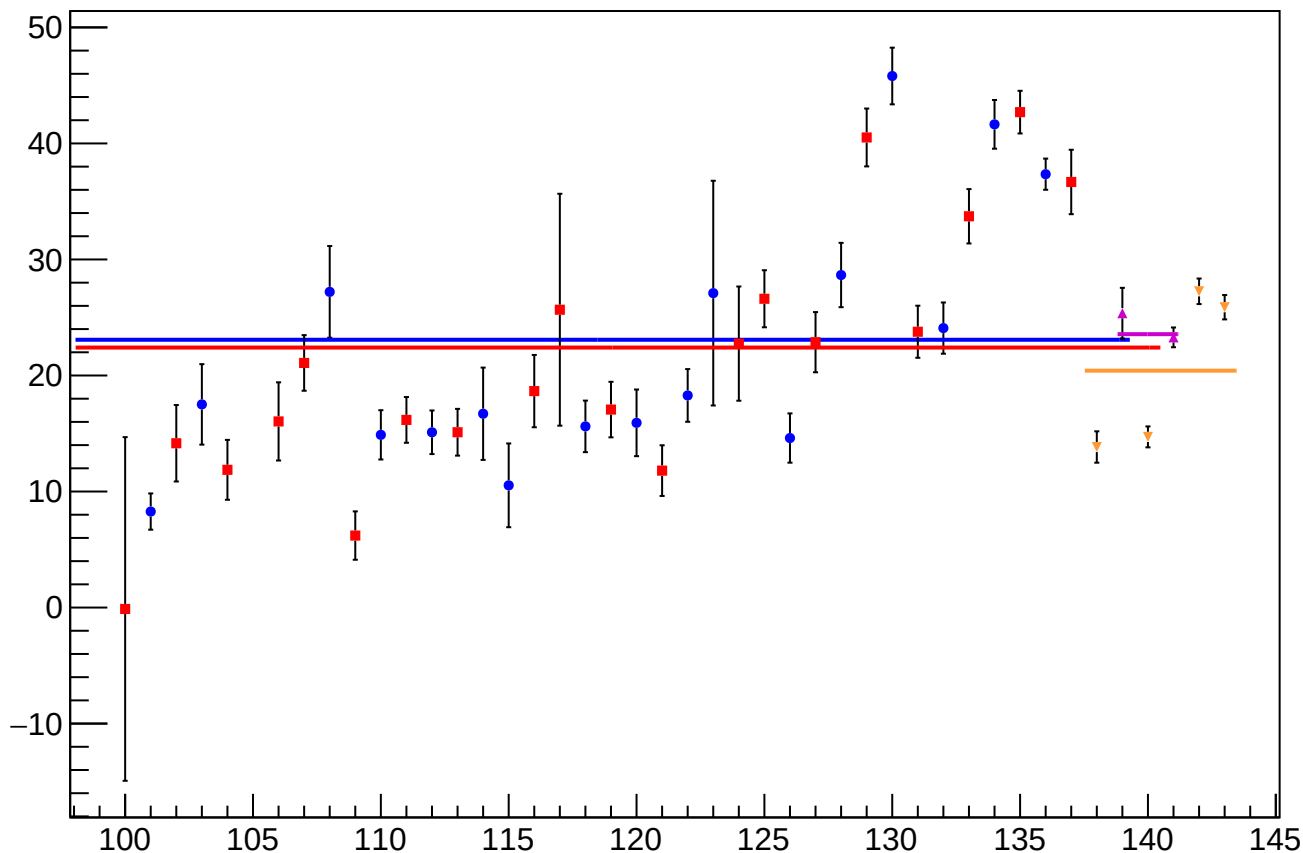
Right Out: -43.045 ± 0.876 χ^2/NDF : 250.3/19

Left In: -84.901 ± 0.832 χ^2/NDF : 71.1/1

-65.586 ± 0.510 χ^2/NDF : 1292.0/20

-65.051 ± 0.603 χ^2/NDF : 1522.8/21

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 20.416 $\pm$ 0.534 χ^2 /NDF:129.4/3

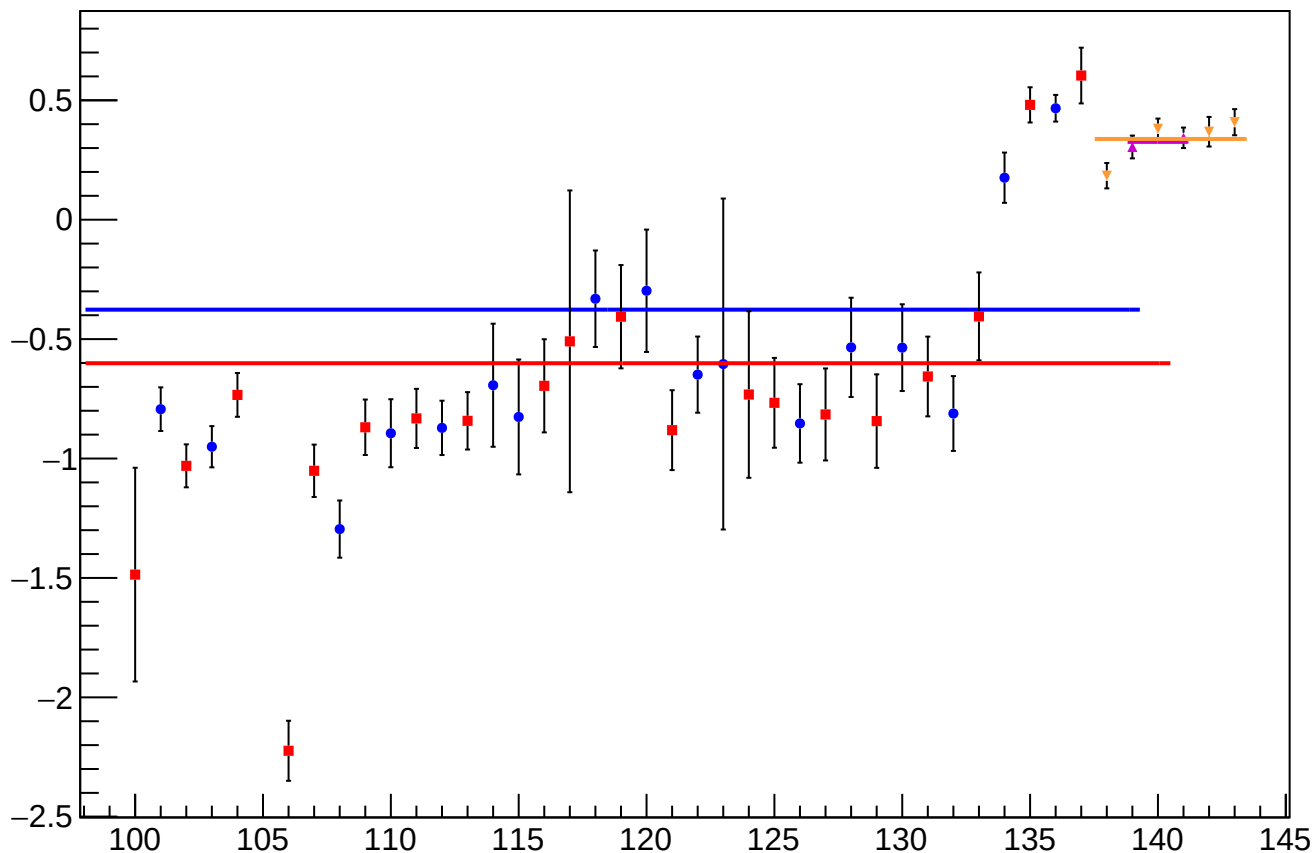
Right Out: 22.408 $\pm$ 0.571 χ^2 /NDF: 370.4/19

Left In: 23.561 $\pm$ 0.794 χ^2 /NDF:0.8/1

21.694 $\pm$ 0.385 χ^2 /NDF: 602.5/20

22.802 $\pm$ 0.464 χ^2 /NDF: 372.6/21

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.338 ± 0.026 $\chi^2/\text{NDF}: 11.3/3$

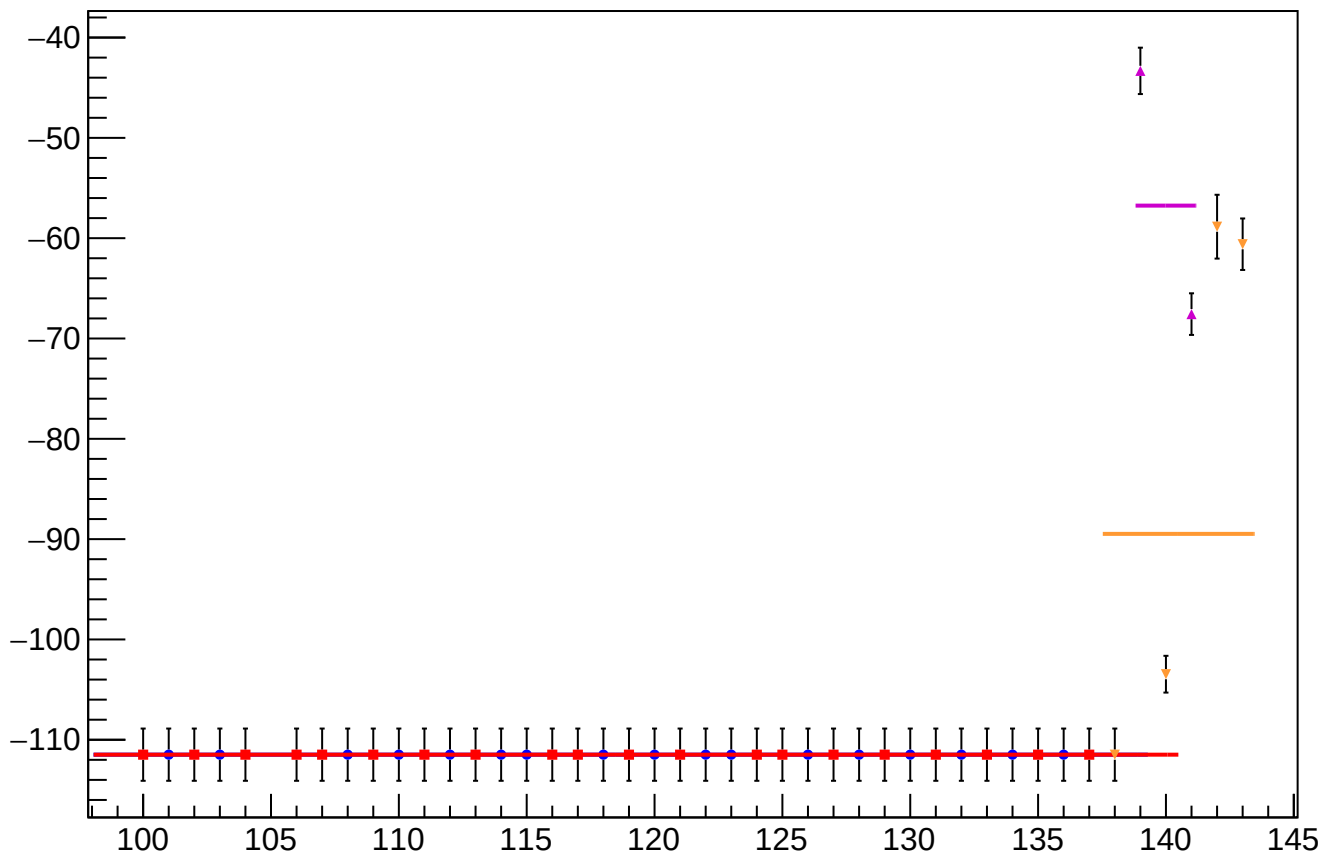
Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/19$

Left In: 0.326 ± 0.032 $\chi^2/\text{NDF}: 0.4/1$

0.034 ± 0.020 $\chi^2/\text{NDF}: 773.2/20$

-0.164 ± 0.022 $\chi^2/\text{NDF}: 1001.7/21$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -111.486+/-0.632 χ^2/NDF : 0.0/16

Left Out: -89.476+/-1.199 χ^2/NDF : 348.9/3

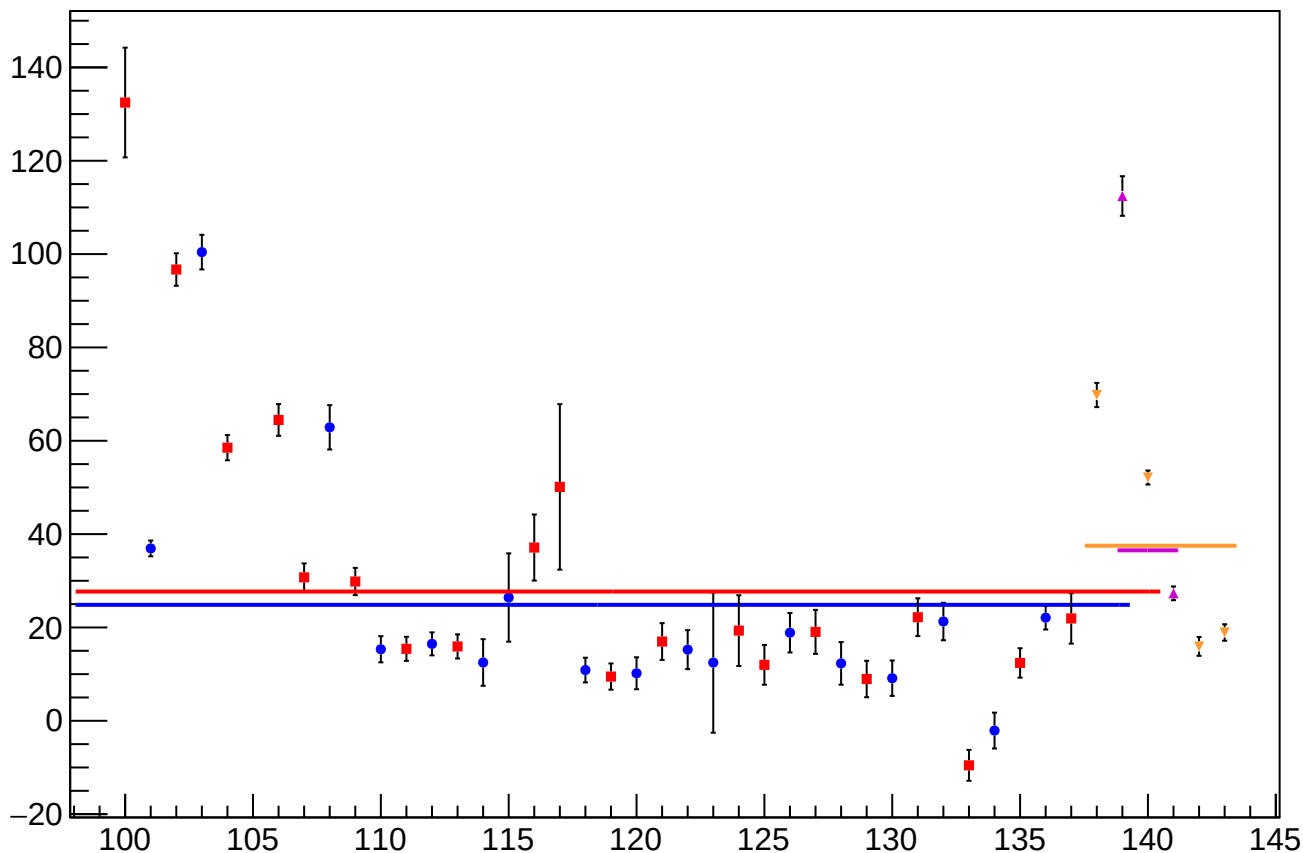
Right Out: -111.486+/-0.582 χ^2/NDF : 0.0/19

Left In: -56.753+/-1.544 χ^2/NDF : 60.9/1

-106.704+/-0.559 χ^2/NDF : 612.8/20

-104.671+/-0.545 χ^2/NDF : 1161.0/21

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 37.519 $\pm$ 0.928 χ^2 /NDF:476.0/3

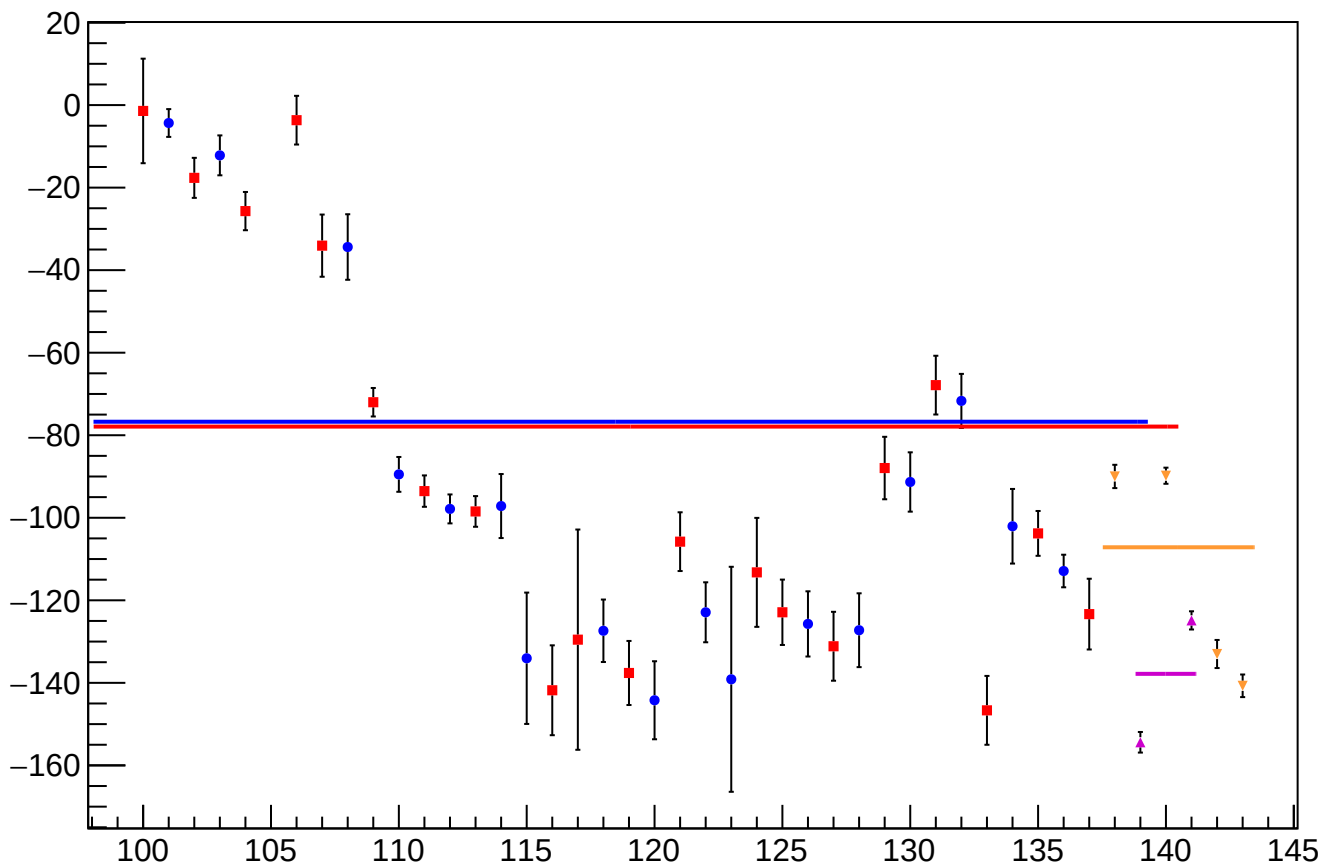
Right Out: 27.695 $\pm$ 0.810 χ^2 /NDF: 1010.8/19

Left In: 36.525 $\pm$ 1.395 χ^2 /NDF:359.1/1

30.257 $\pm$ 0.606 χ^2 /NDF: 1273.7/20

29.919 $\pm$ 0.700 χ^2 /NDF: 1399.8/21

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -107.152 ± 1.283 $\chi^2/\text{NDF}: 323.7/3$

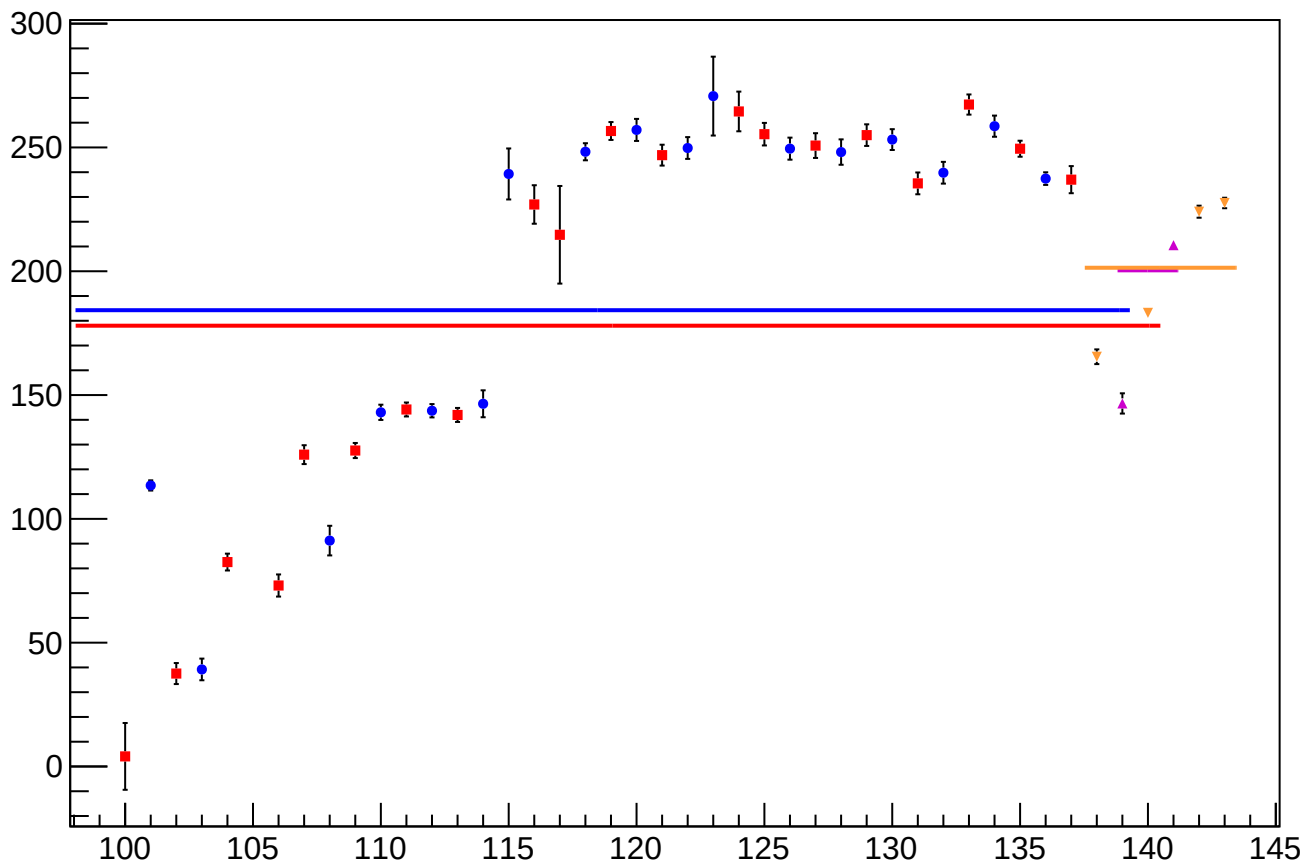
Right Out: -77.905 ± 1.351 $\chi^2/\text{NDF}: 875.6/19$

Left In: -137.819 ± 1.653 $\chi^2/\text{NDF}: 78.6/1$

-93.394 ± 0.950 $\chi^2/\text{NDF}: 1620.0/20$

-101.887 ± 1.046 $\chi^2/\text{NDF}: 1741.9/21$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271+/-0.914 χ^2/NDF : 5401.0/16

Left Out: 201.416+/-1.112 χ^2/NDF : 485.9/3

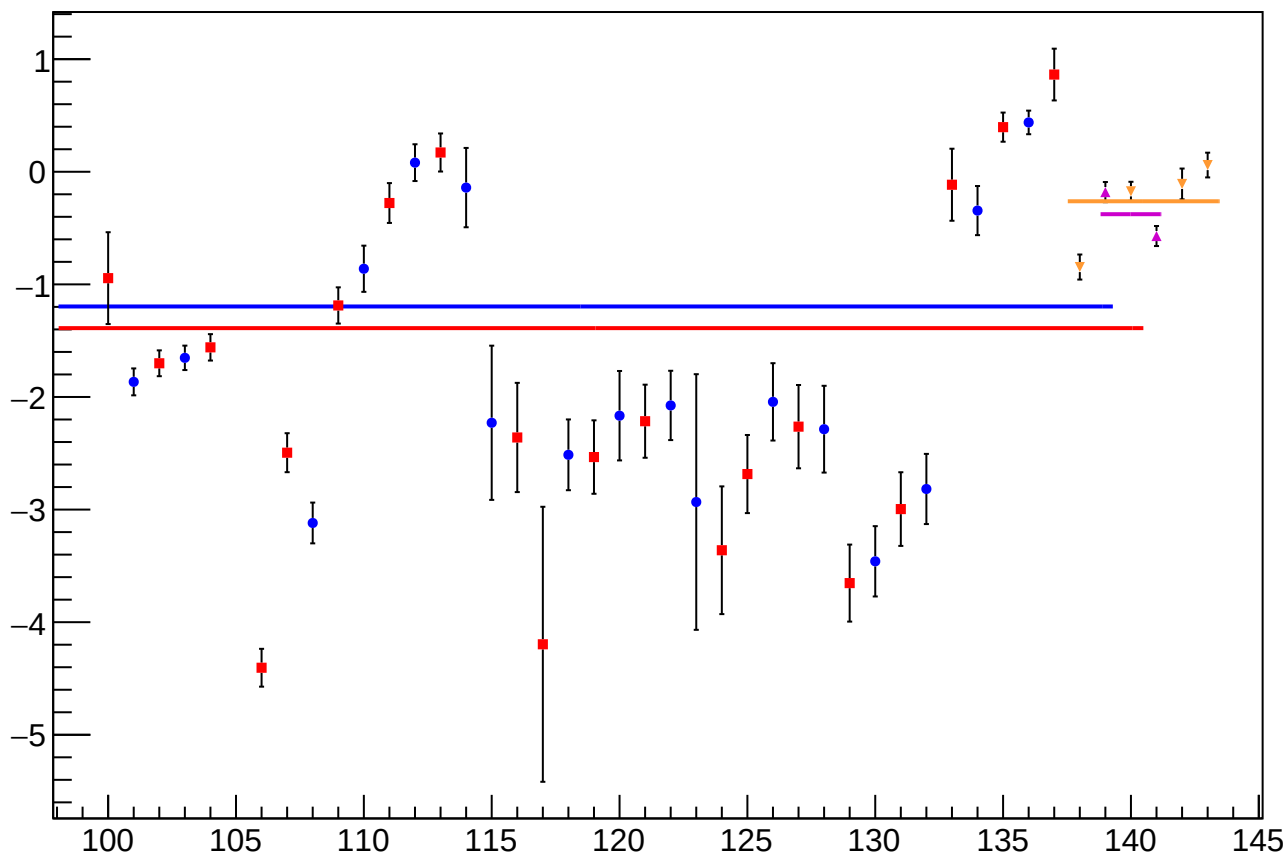
Right Out: 178.011+/-0.923 χ^2/NDF : 6334.4/19

Left In: 200.373+/-1.630 χ^2/NDF : 205.3/1

191.184+/-0.706 χ^2/NDF : 6028.9/20

183.437+/-0.803 χ^2/NDF : 6682.2/21

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196+/-0.048 χ^2/NDF : 623.1/16

Left Out: -0.262+/-0.053 χ^2/NDF : 38.5/3

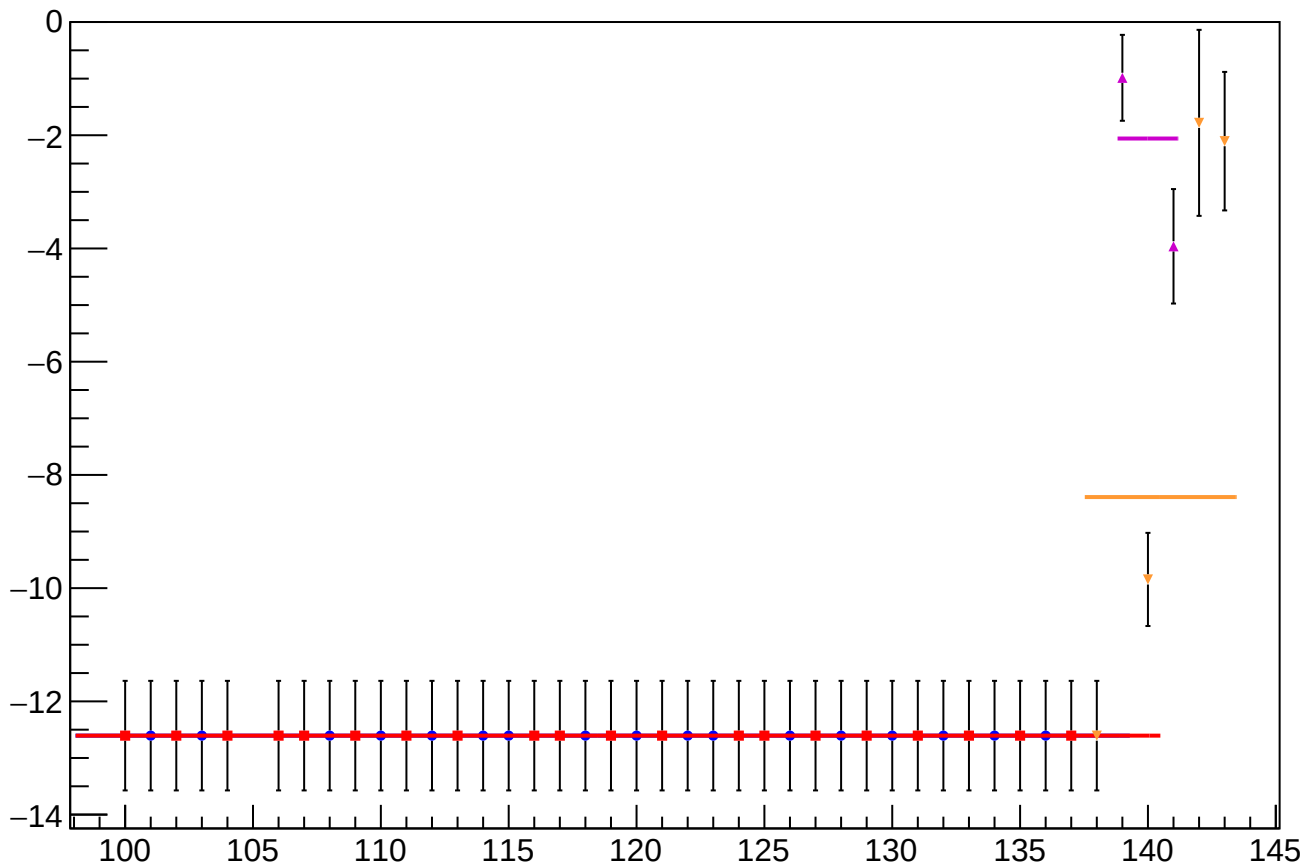
Right Out: -1.389+/-0.046 χ^2/NDF : 929.7/19

Left In: -0.377+/-0.063 χ^2/NDF : 9.6/1

-0.774+/-0.036 χ^2/NDF : 832.2/20

-1.040+/-0.037 χ^2/NDF : 1107.9/21

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -12.605 ± 0.235 χ^2/NDF : 0.0/16

Left Out: -8.391 ± 0.528 χ^2/NDF : 64.7/3

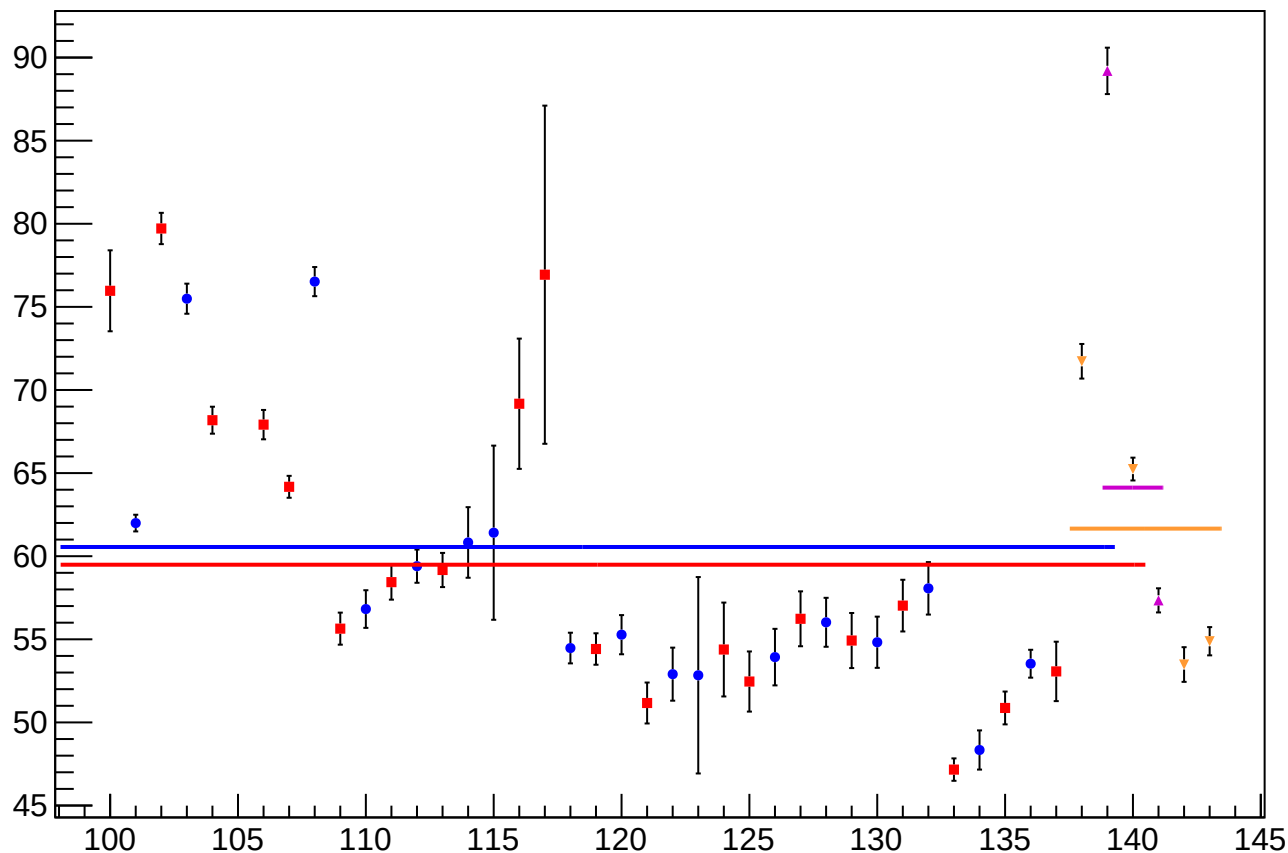
Right Out: -12.605 ± 0.216 χ^2/NDF : 0.0/19

Left In: -2.058 ± 0.607 χ^2/NDF : 5.5/1

-11.910 ± 0.214 χ^2/NDF : 117.8/20

-11.416 ± 0.204 χ^2/NDF : 273.5/21

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2/NDF : 930.8/16

Left Out: 61.659 $\pm$ 0.432 χ^2/NDF : 245.7/3

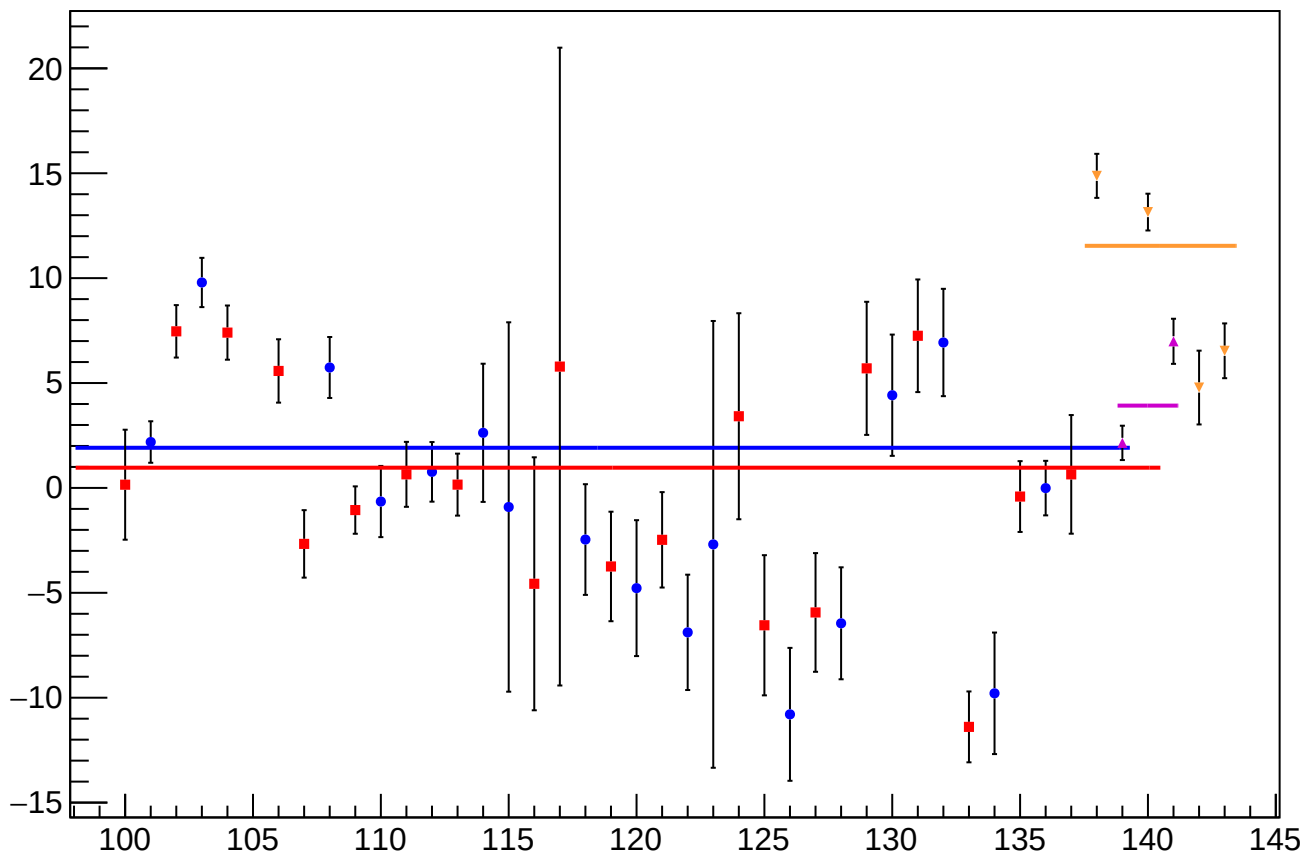
Right Out: 59.488 $\pm$ 0.248 χ^2/NDF : 1319.9/19

Left In: 64.125 $\pm$ 0.644 χ^2/NDF : 409.8/1

60.850 $\pm$ 0.224 χ^2/NDF : 1181.2/20

60.086 $\pm$ 0.231 χ^2/NDF : 1774.9/21

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 11.540 ± 0.566 χ^2/NDF : 42.9/3

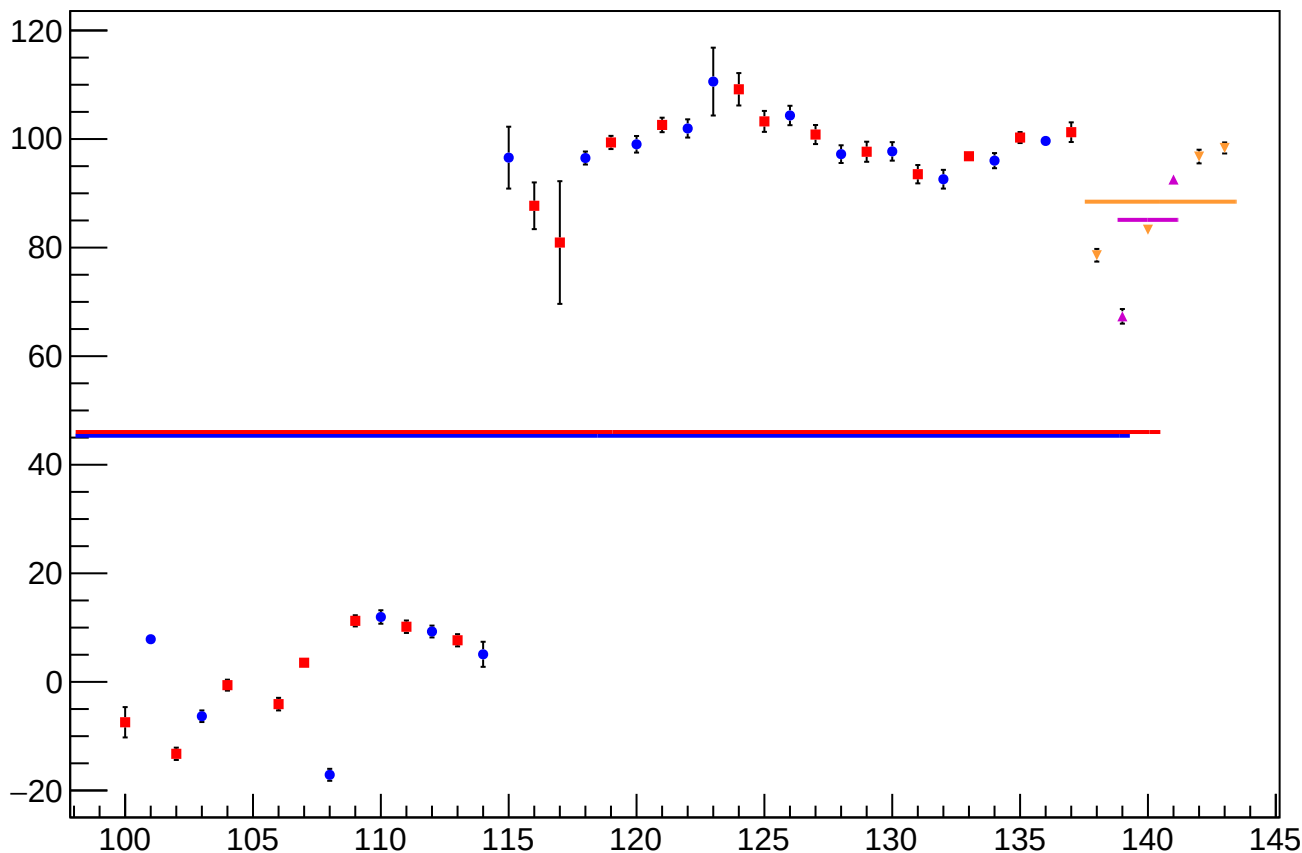
Right Out: 0.964 ± 0.424 χ^2/NDF : 149.6/19

Left In: 3.924 ± 0.651 χ^2/NDF : 12.8/1

5.718 ± 0.356 χ^2/NDF : 339.3/20

1.845 ± 0.355 χ^2/NDF : 176.9/21

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344+/-0.303 χ^2 /NDF: 25071.0/16

Left Out: 88.460+/-0.513 χ^2 /NDF:248.8/3

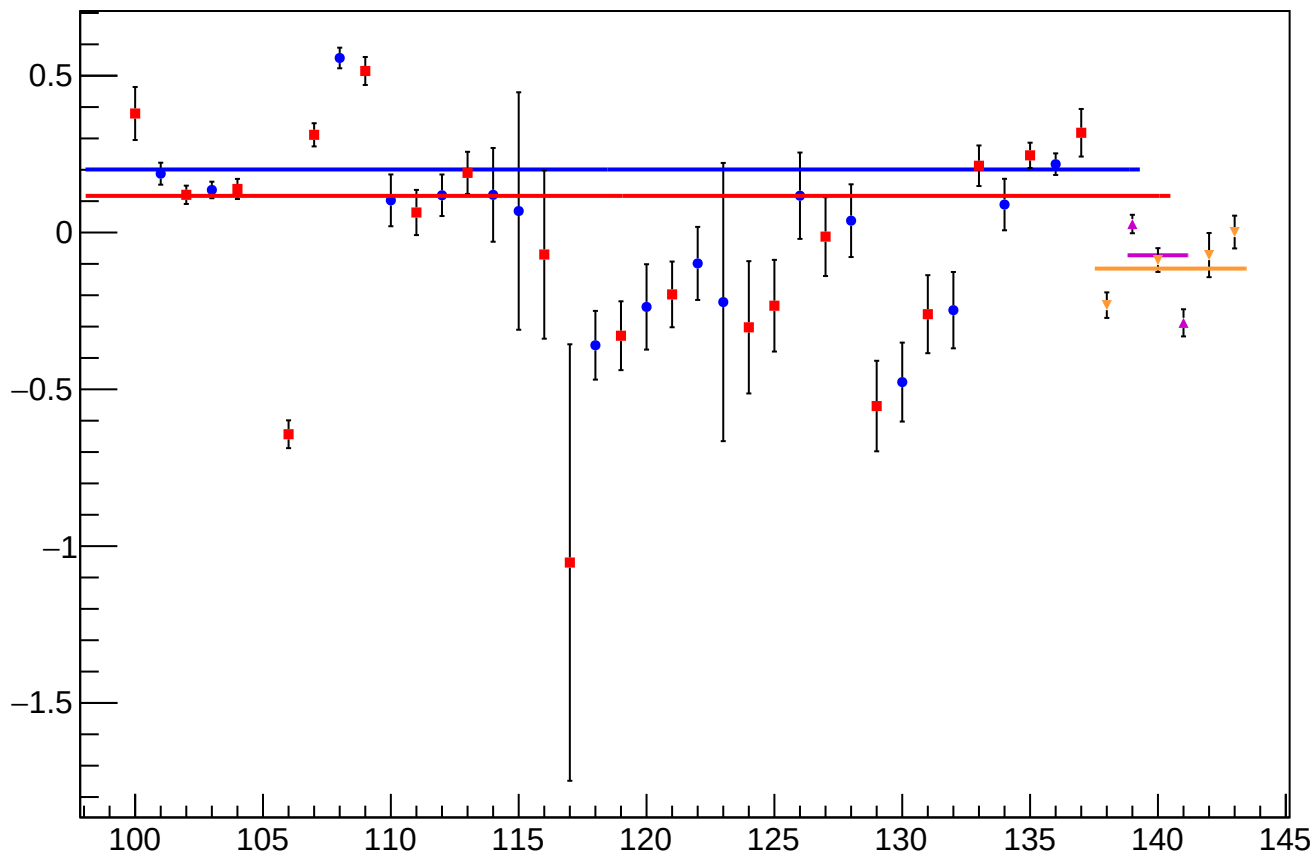
Right Out: 46.030+/-0.289 χ^2 /NDF: 28229.5/19

Left In: 85.111+/-0.731 χ^2 /NDF:247.0/1

56.504+/-0.261 χ^2 /NDF: 30553.0/20

51.323+/-0.269 χ^2 /NDF: 30946.9/21

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.115 ± 0.023 χ^2/NDF : 14.1/3

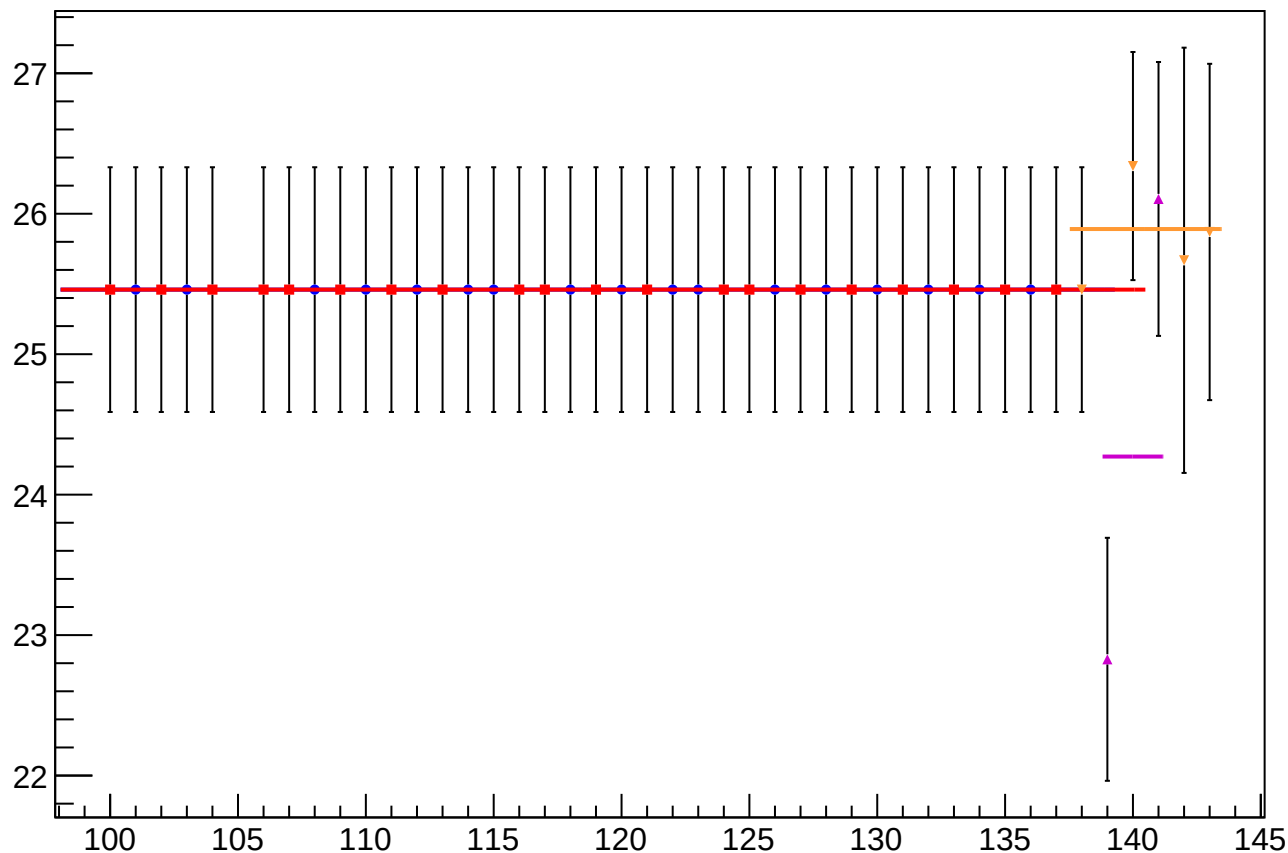
Right Out: 0.117 ± 0.013 χ^2/NDF : 503.0/19

Left In: -0.073 ± 0.024 χ^2/NDF : 36.3/1

0.116 ± 0.012 χ^2/NDF : 368.2/20

0.075 ± 0.011 χ^2/NDF : 586.3/21

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 25.460 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 25.891 $\pm$ 0.502 χ^2 /NDF: 0.6/3

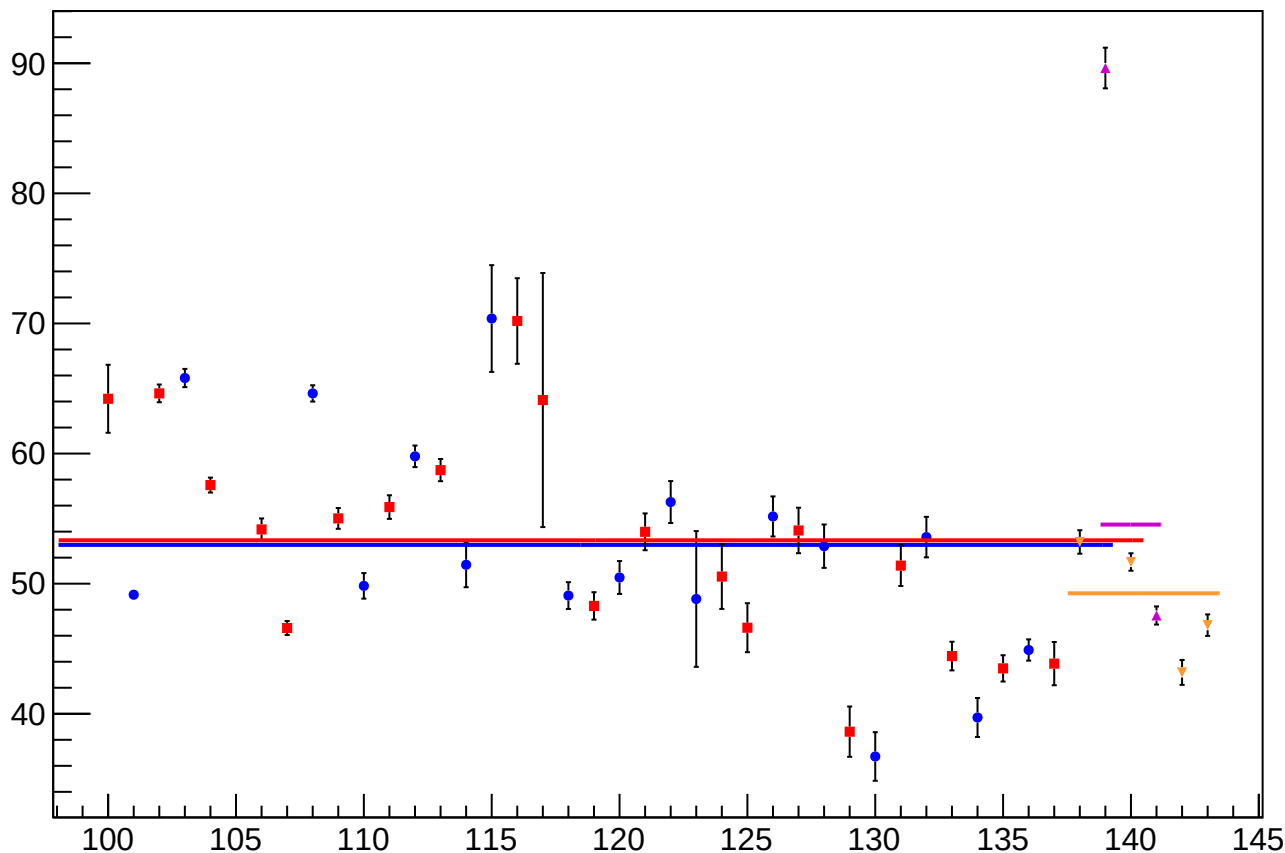
Right Out: 25.460 $\pm$ 0.195 χ^2 /NDF: 0.0/19

Left In: 24.271 $\pm$ 0.647 χ^2 /NDF: 6.3/1

25.525 $\pm$ 0.195 χ^2 /NDF: 1.2/20

25.361 $\pm$ 0.187 χ^2 /NDF: 9.4/21

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2/NDF : 1197.8/16

Left Out: 49.260 $\pm$ 0.408 χ^2/NDF : 81.0/3

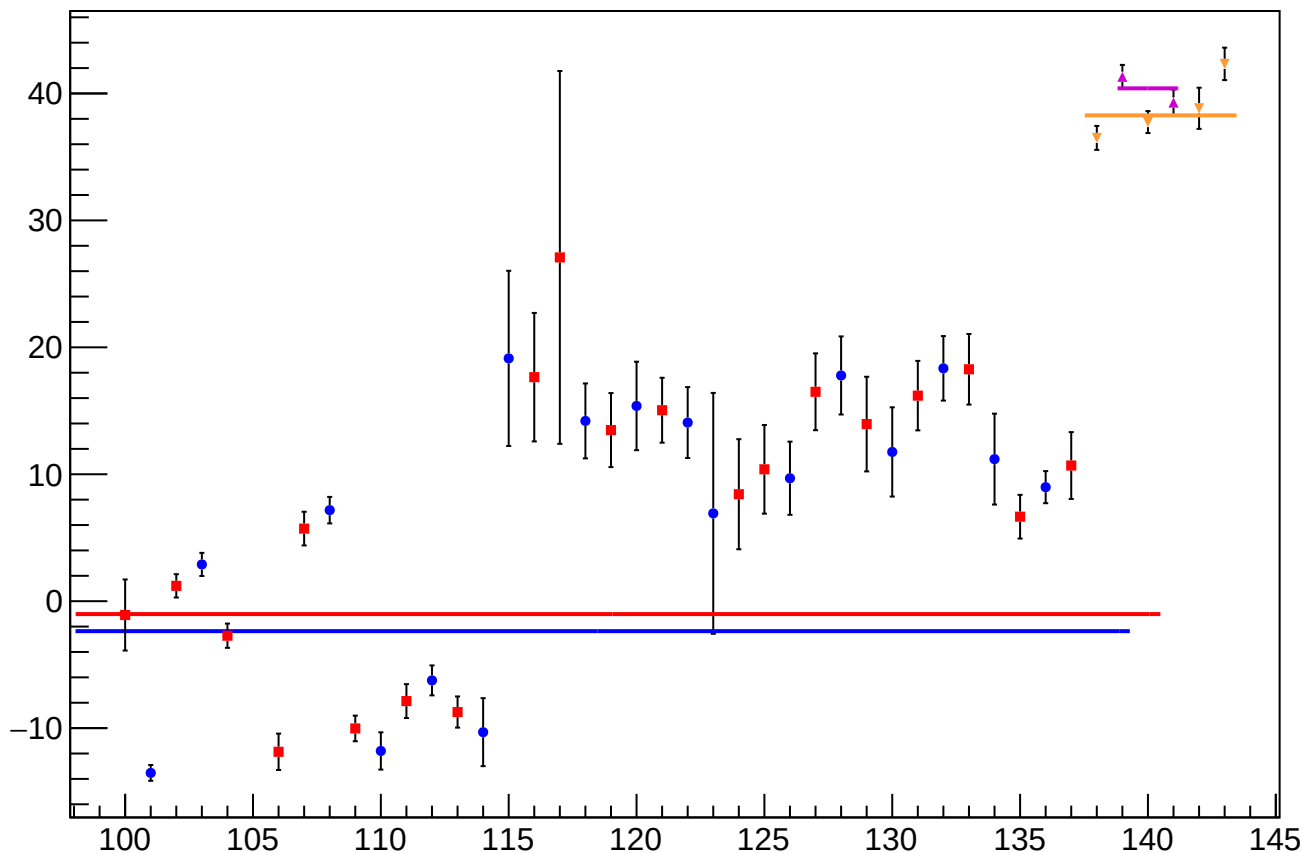
Right Out: 53.333 $\pm$ 0.227 χ^2/NDF : 873.9/19

Left In: 54.543 $\pm$ 0.637 χ^2/NDF : 604.3/1

52.202 $\pm$ 0.187 χ^2/NDF : 1344.4/20

53.469 $\pm$ 0.214 χ^2/NDF : 1481.4/21

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 38.275 ± 0.538 χ^2/NDF : 14.1/3

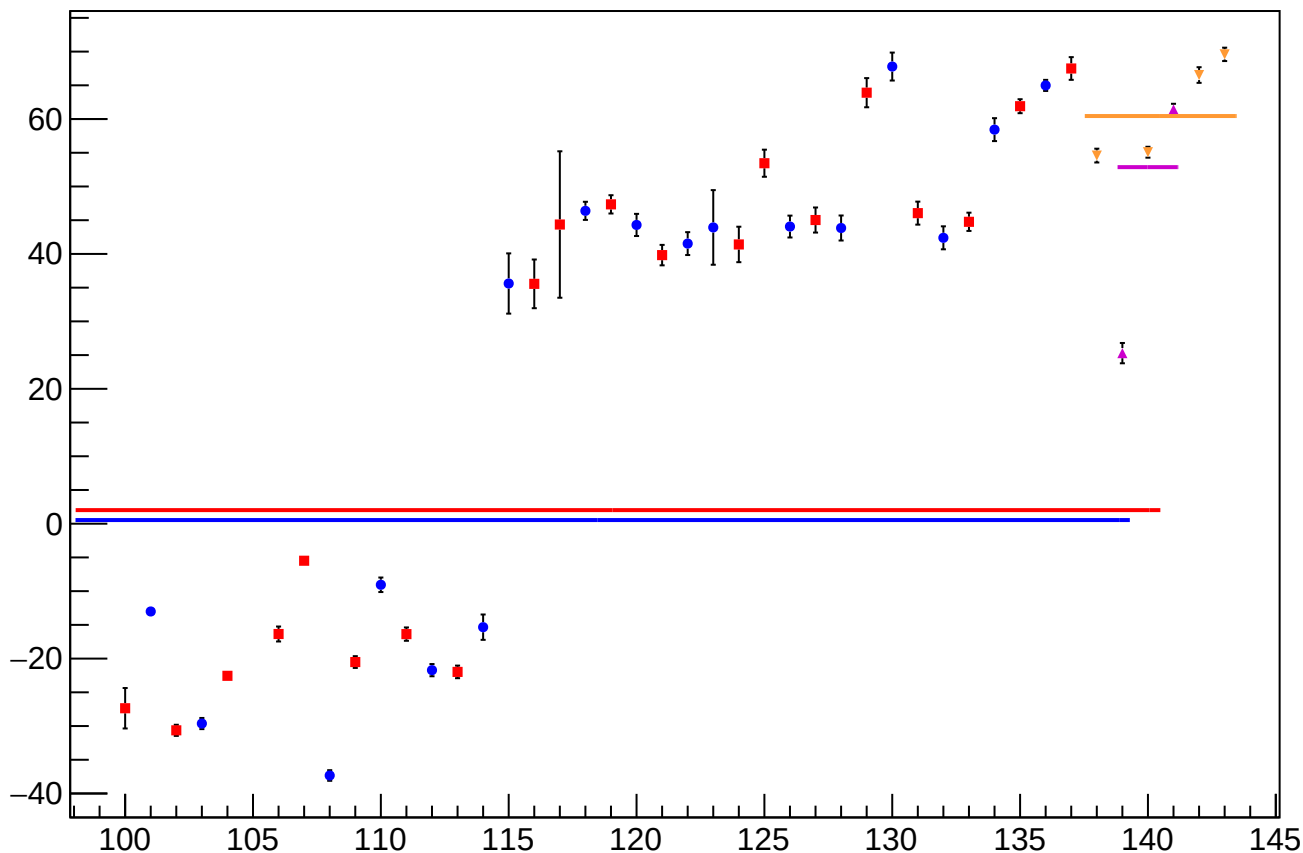
Right Out: -1.016 ± 0.377 χ^2/NDF : 511.4/19

Left In: 40.402 ± 0.695 χ^2/NDF : 2.1/1

10.378 ± 0.301 χ^2/NDF : 4765.7/20

8.395 ± 0.331 χ^2/NDF : 3259.4/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 60.445+/-0.485 χ^2/NDF :189.3/3

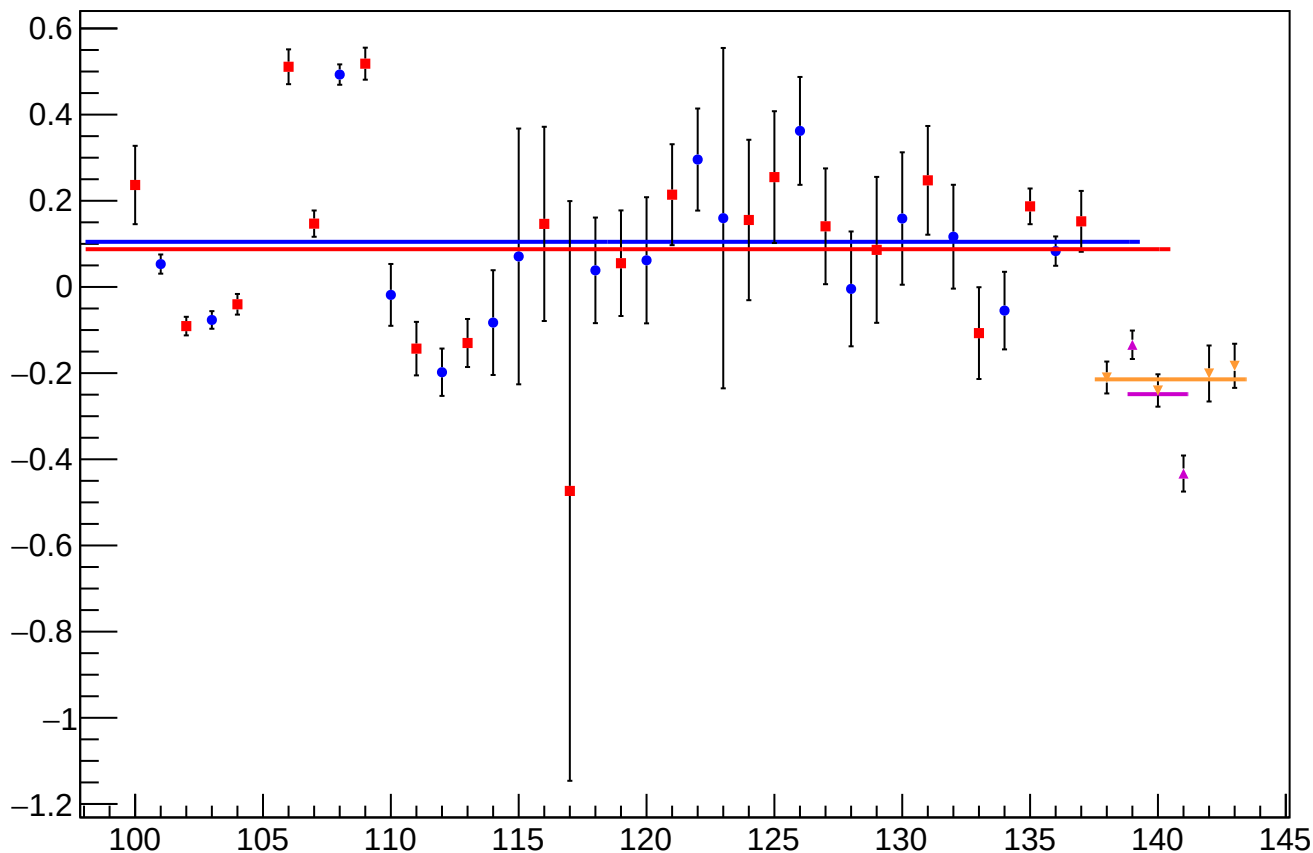
Right Out: 2.015+/-0.266 χ^2/NDF : 15491.9/19

Left In: 52.869+/-0.732 χ^2/NDF :439.8/1

12.839+/-0.220 χ^2/NDF : 30716.9/20

7.958+/-0.250 χ^2/NDF : 20189.0/21

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.214 ± 0.022 χ^2/NDF : 0.9/3

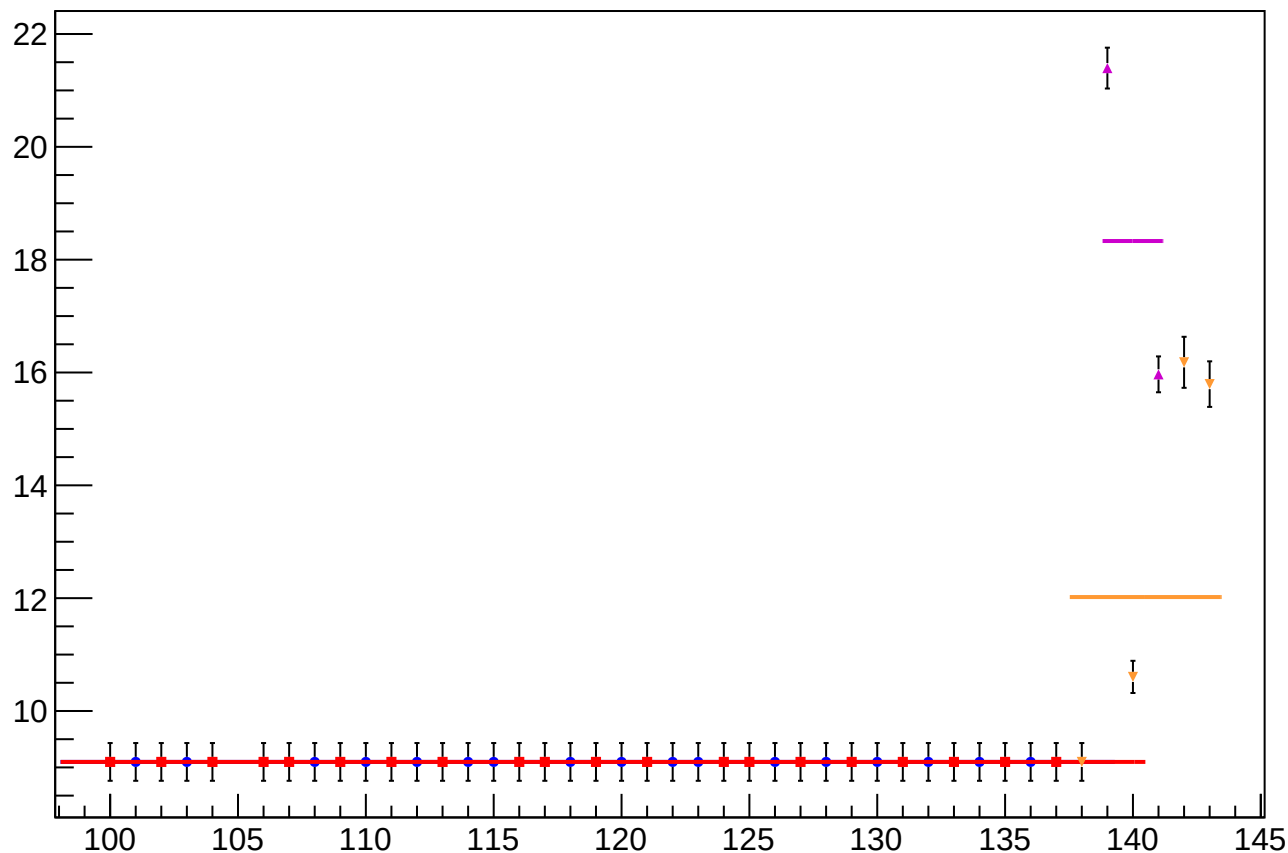
Right Out: 0.088 ± 0.011 χ^2/NDF : 391.7/19

Left In: -0.249 ± 0.026 χ^2/NDF : 31.4/1

0.041 ± 0.010 χ^2/NDF : 569.2/20

0.036 ± 0.010 χ^2/NDF : 565.9/21

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 9.097 $\pm$ 0.081 χ^2/NDF : 0.0/16

Left Out: 12.020 $\pm$ 0.176 χ^2/NDF : 272.8/3

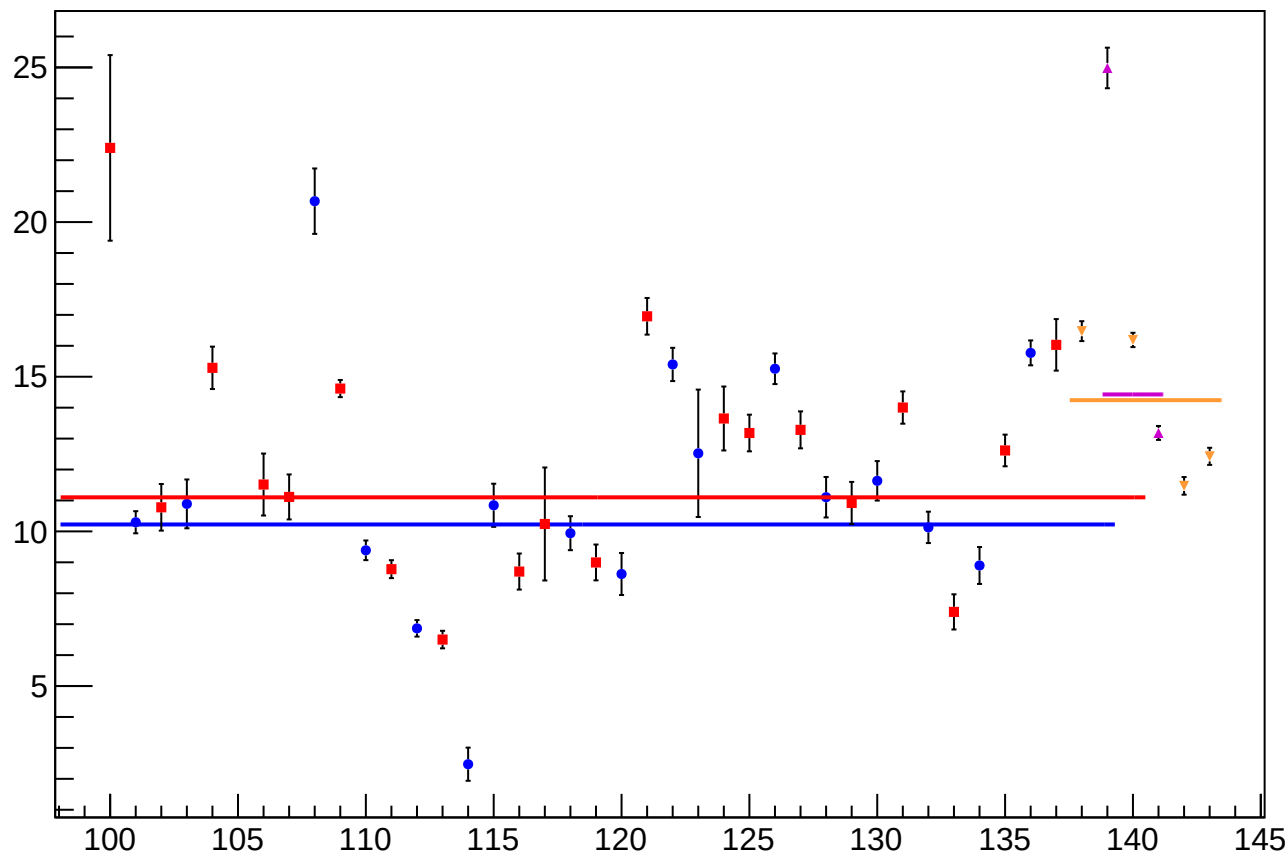
Right Out: 9.097 $\pm$ 0.075 χ^2/NDF : 0.0/19

Left In: 18.331 $\pm$ 0.239 χ^2/NDF : 126.9/1

9.609 $\pm$ 0.074 χ^2/NDF : 499.9/20

9.923 $\pm$ 0.071 χ^2/NDF : 1487.2/21

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 14.242 ± 0.136 χ^2/NDF : 256.7/3

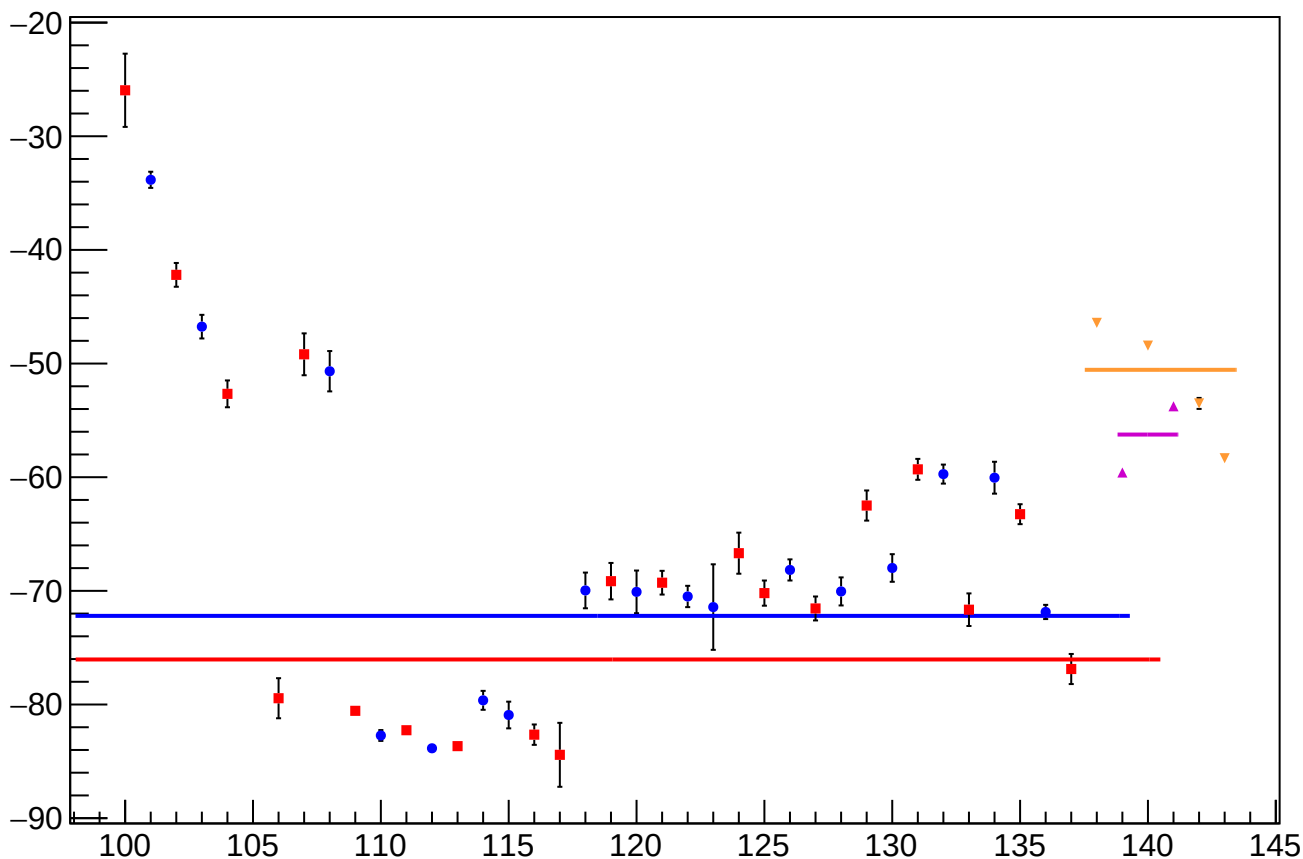
Right Out: 11.101 ± 0.116 χ^2/NDF : 817.4/19

Left In: 14.428 ± 0.213 χ^2/NDF : 289.5/1

11.959 ± 0.090 χ^2/NDF : 1627.3/20

11.863 ± 0.102 χ^2/NDF : 1294.9/21

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -50.551 ± 0.189 $\chi^2/\text{NDF}: 542.0/3$

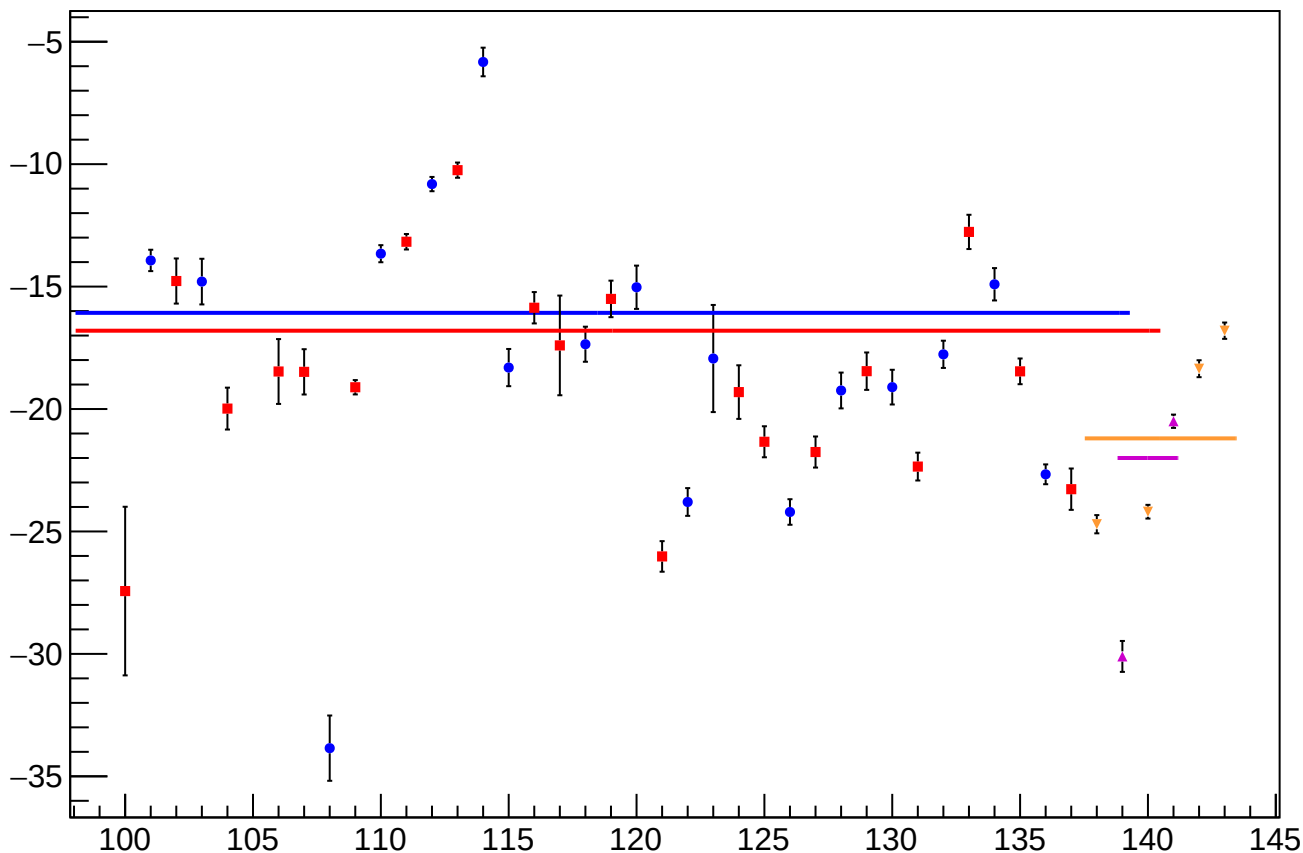
Right Out: -76.037 ± 0.181 $\chi^2/\text{NDF}: 3474.4/19$

Left In: -56.247 ± 0.256 $\chi^2/\text{NDF}: 126.8/1$

-60.871 ± 0.136 $\chi^2/\text{NDF}: 12385.2/20$

-69.461 ± 0.148 $\chi^2/\text{NDF}: 7593.0/21$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -21.199 ± 0.164 $\chi^2/\text{NDF}: 445.2/3$

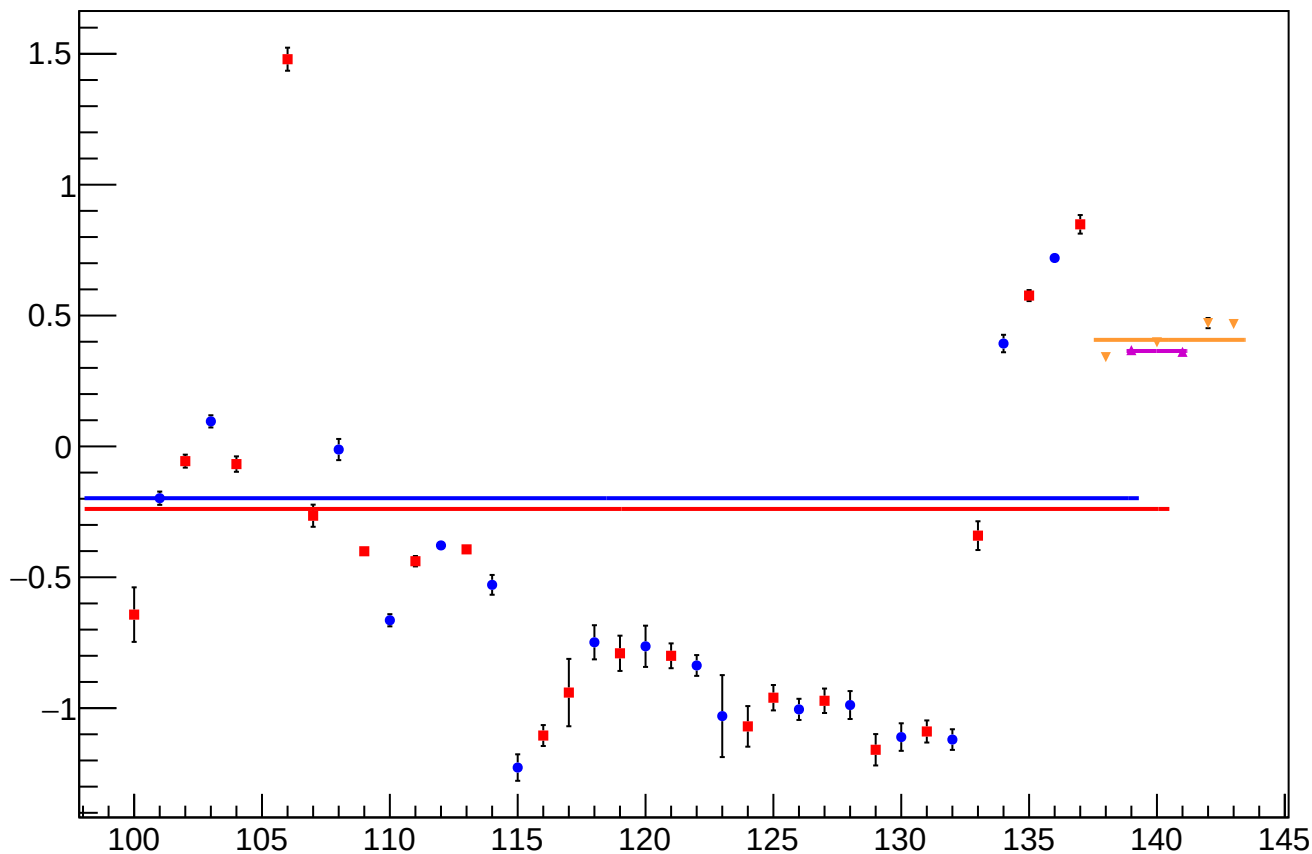
Right Out: -16.801 ± 0.128 $\chi^2/\text{NDF}: 1215.8/19$

Left In: -22.000 ± 0.250 $\chi^2/\text{NDF}: 195.0/1$

-18.096 ± 0.103 $\chi^2/\text{NDF}: 2680.5/20$

-17.882 ± 0.114 $\chi^2/\text{NDF}: 1754.1/21$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.407 ± 0.008 χ^2/NDF : 44.5/3

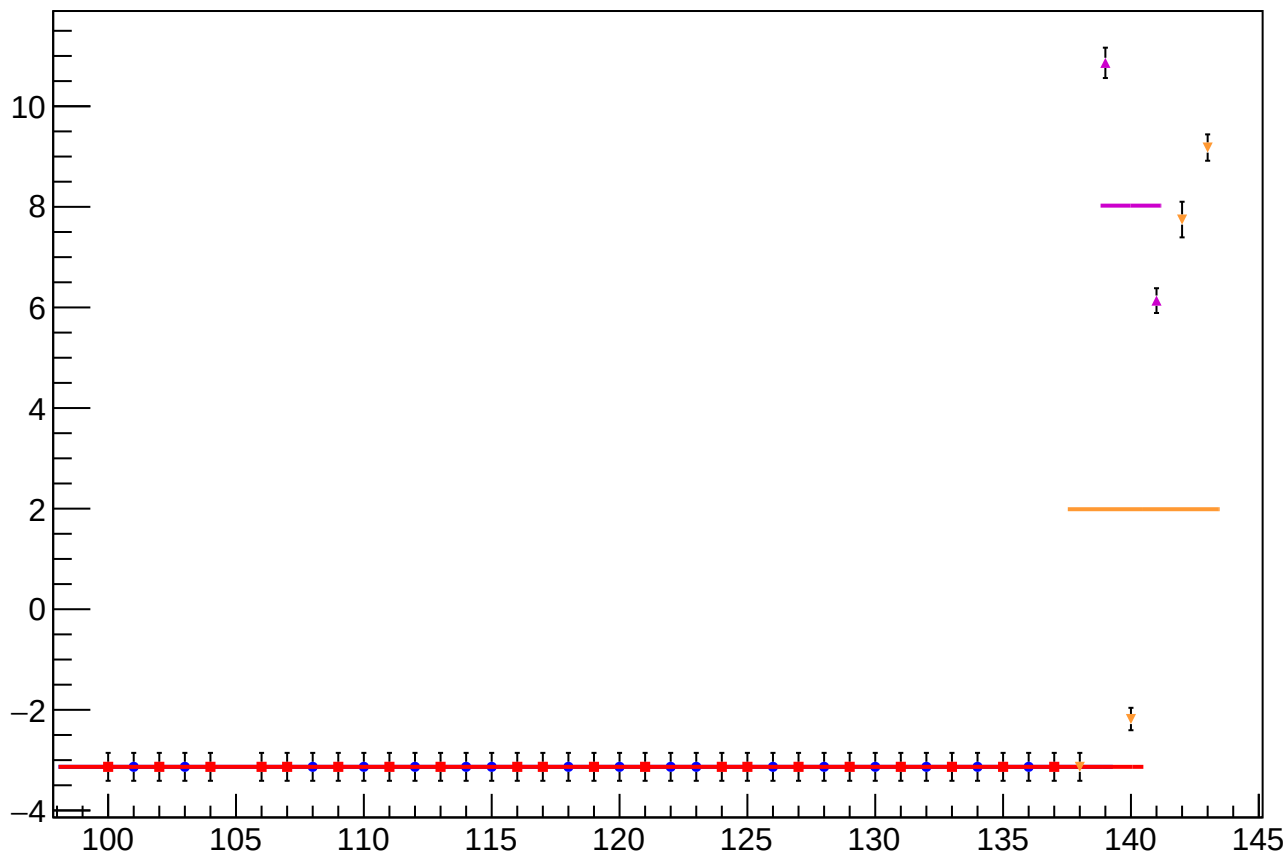
Right Out: -0.239 ± 0.007 χ^2/NDF : 6251.7/19

Left In: 0.365 ± 0.010 χ^2/NDF : 0.1/1

0.095 ± 0.005 χ^2/NDF : 9498.5/20

-0.027 ± 0.006 χ^2/NDF : 8749.6/21

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: -3.133+/-0.067 χ^2 /NDF: 0.0/16

Left Out: 1.988+/-0.134 χ^2 /NDF:1708.3/3

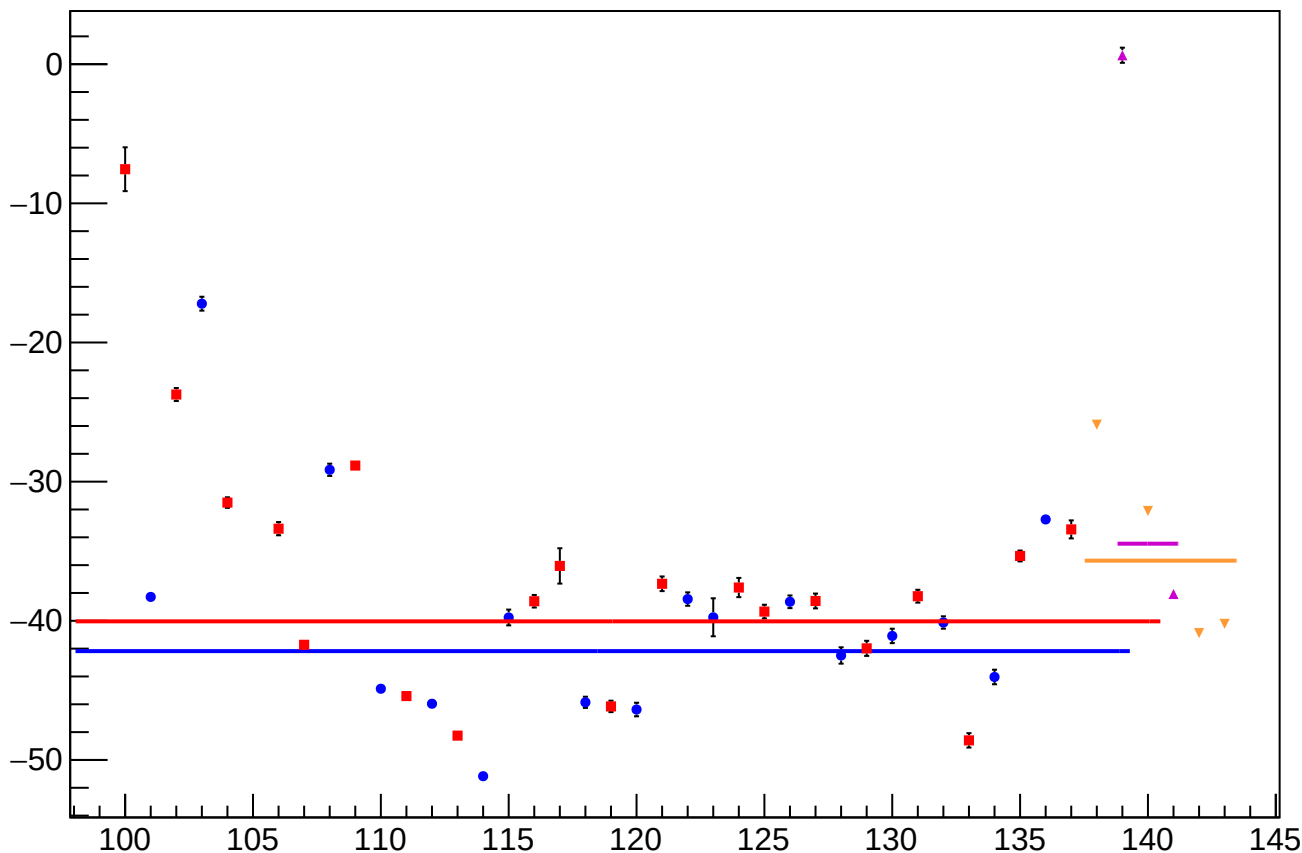
Right Out: -3.133+/-0.062 χ^2 /NDF: 0.0/19

Left In: 8.024+/-0.191 χ^2 /NDF:147.3/1

-2.102+/-0.060 χ^2 /NDF: 2874.5/20

-2.066+/-0.059 χ^2 /NDF: 3240.7/21

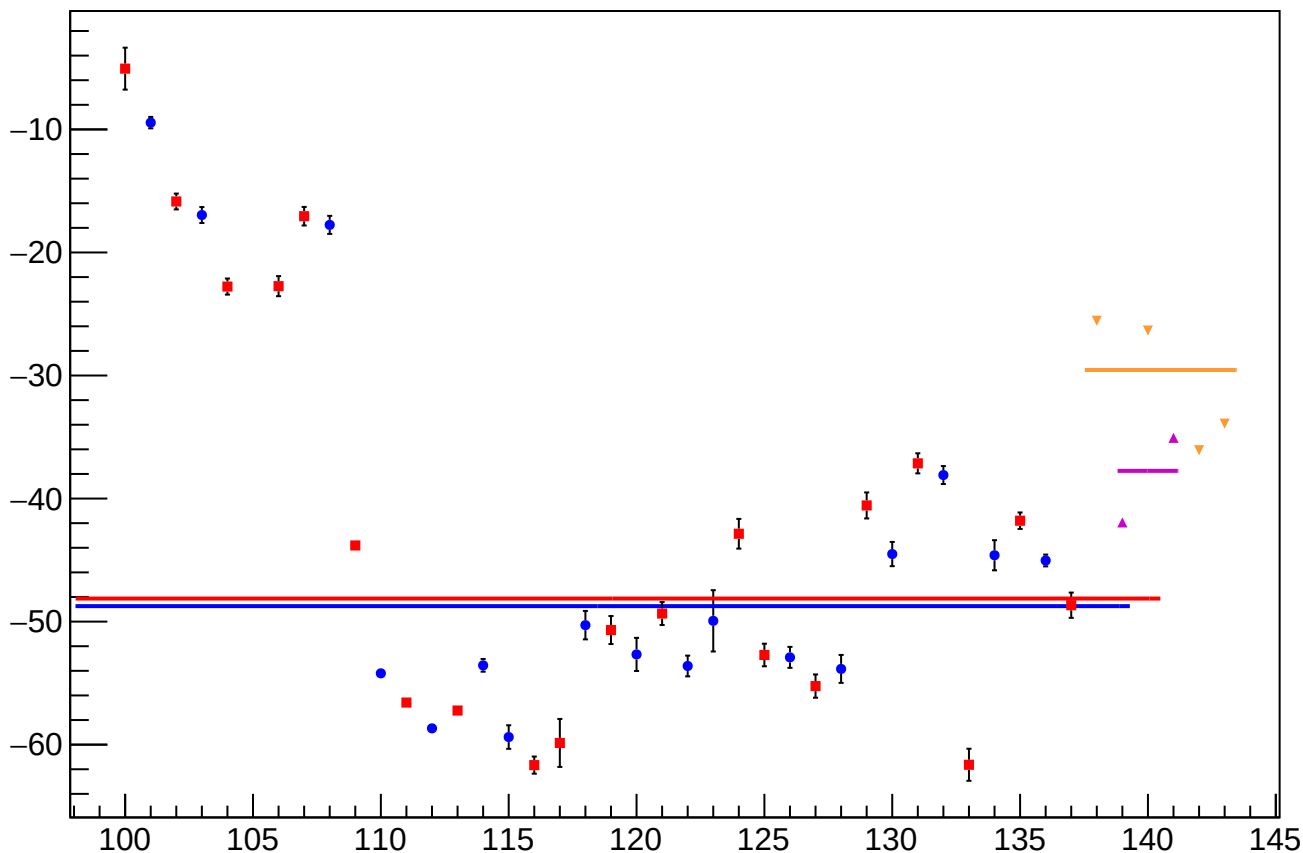
reg_asym_sam8_diff_bpm4aY_slope vs Slug



-39.806 ± 0.062 χ^2/NDF : 12006.8/20

-39.145 ± 0.067 χ^2/NDF : 16849.8/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -29.549 ± 0.143 $\chi^2/\text{NDF}: 898.6/3$

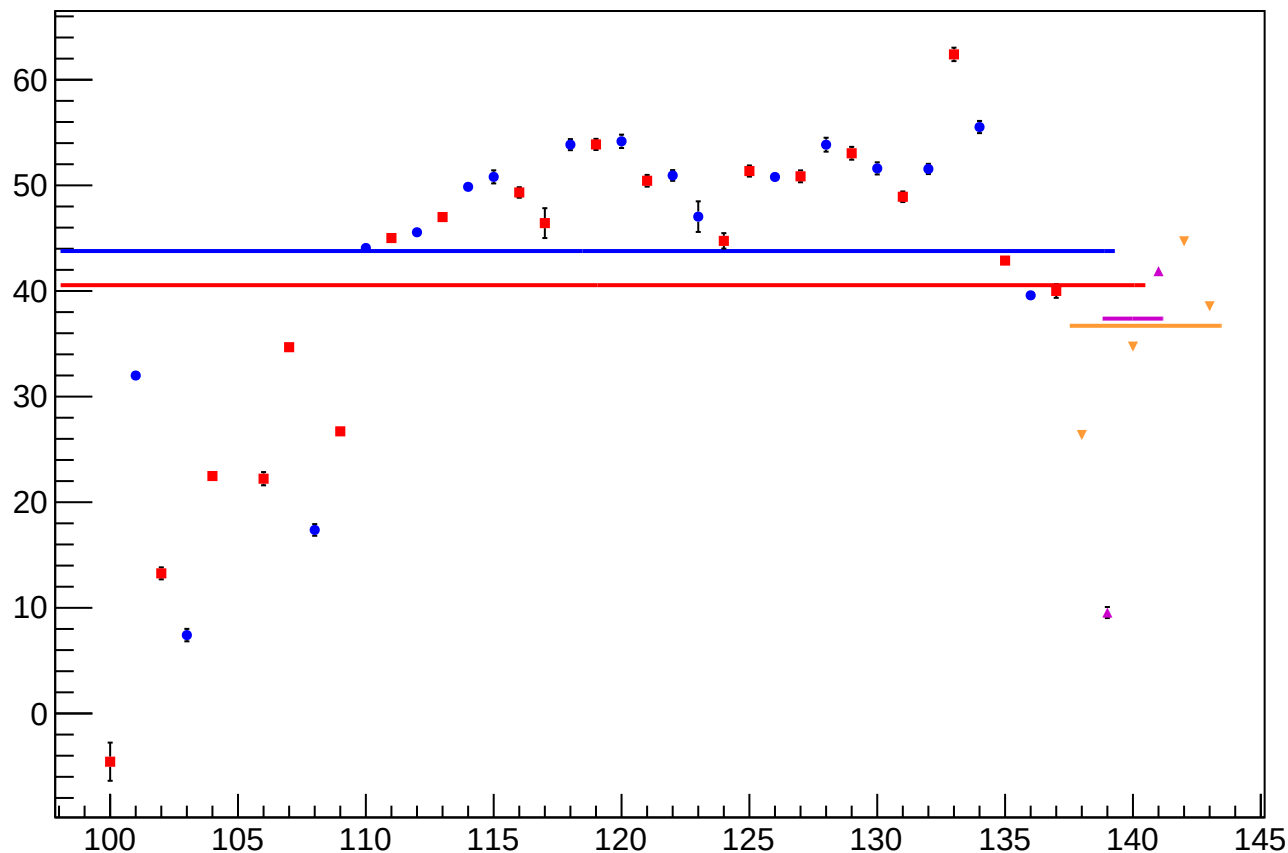
Right Out: -48.126 ± 0.107 $\chi^2/\text{NDF}: 11767.8/19$

Left In: -37.749 ± 0.204 $\chi^2/\text{NDF}: 269.5/1$

-40.505 ± 0.094 $\chi^2/\text{NDF}: 25770.4/20$

-45.891 ± 0.095 $\chi^2/\text{NDF}: 14061.1/21$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 36.705 $\pm$ 0.123 χ^2 /NDF:2132.9/3

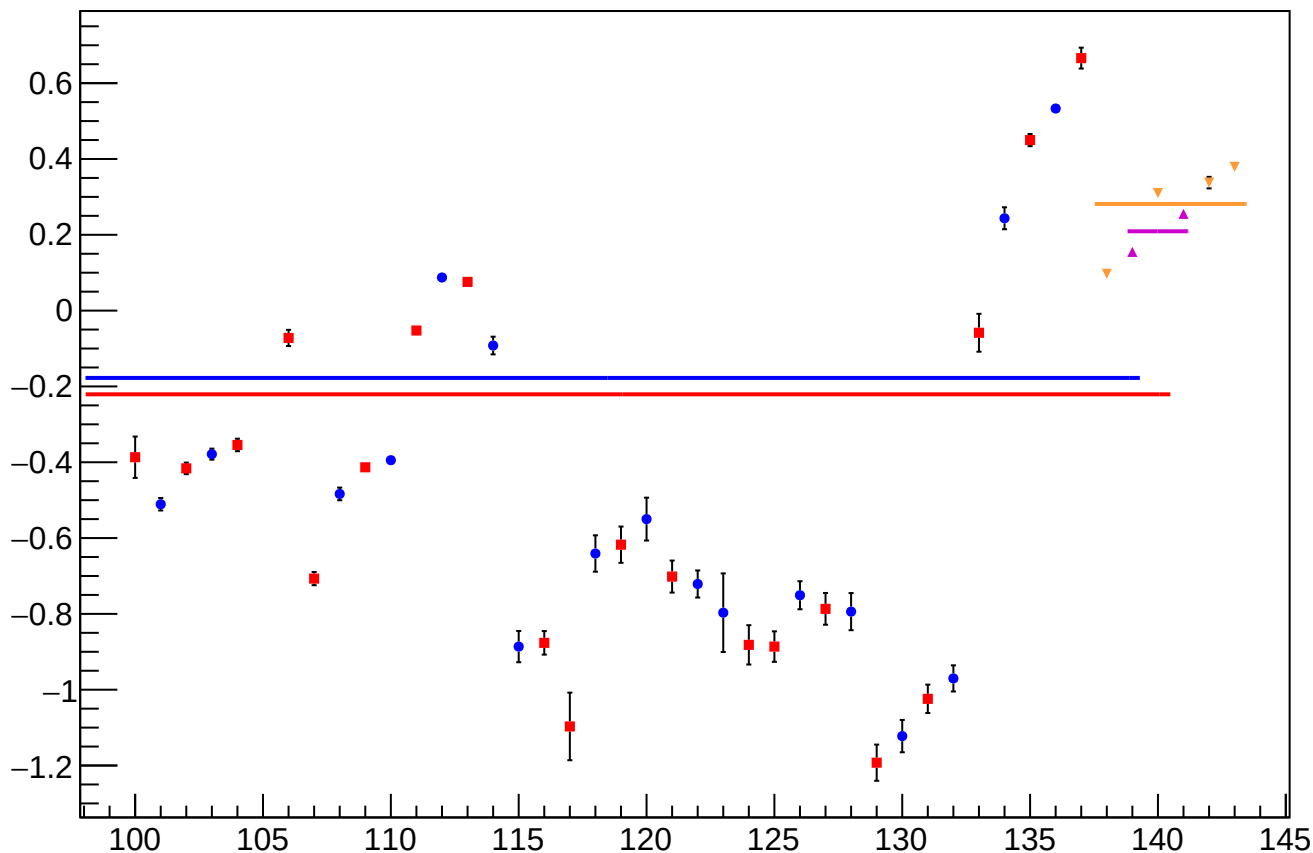
Right Out: 40.549 $\pm$ 0.080 χ^2 /NDF: 17598.0/19

Left In: 37.384 $\pm$ 0.195 χ^2 /NDF:3272.3/1

41.433 $\pm$ 0.071 χ^2 /NDF: 14986.6/20

40.095 $\pm$ 0.074 χ^2 /NDF: 21094.9/21

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.281 ± 0.006 χ^2/NDF : 335.1/3

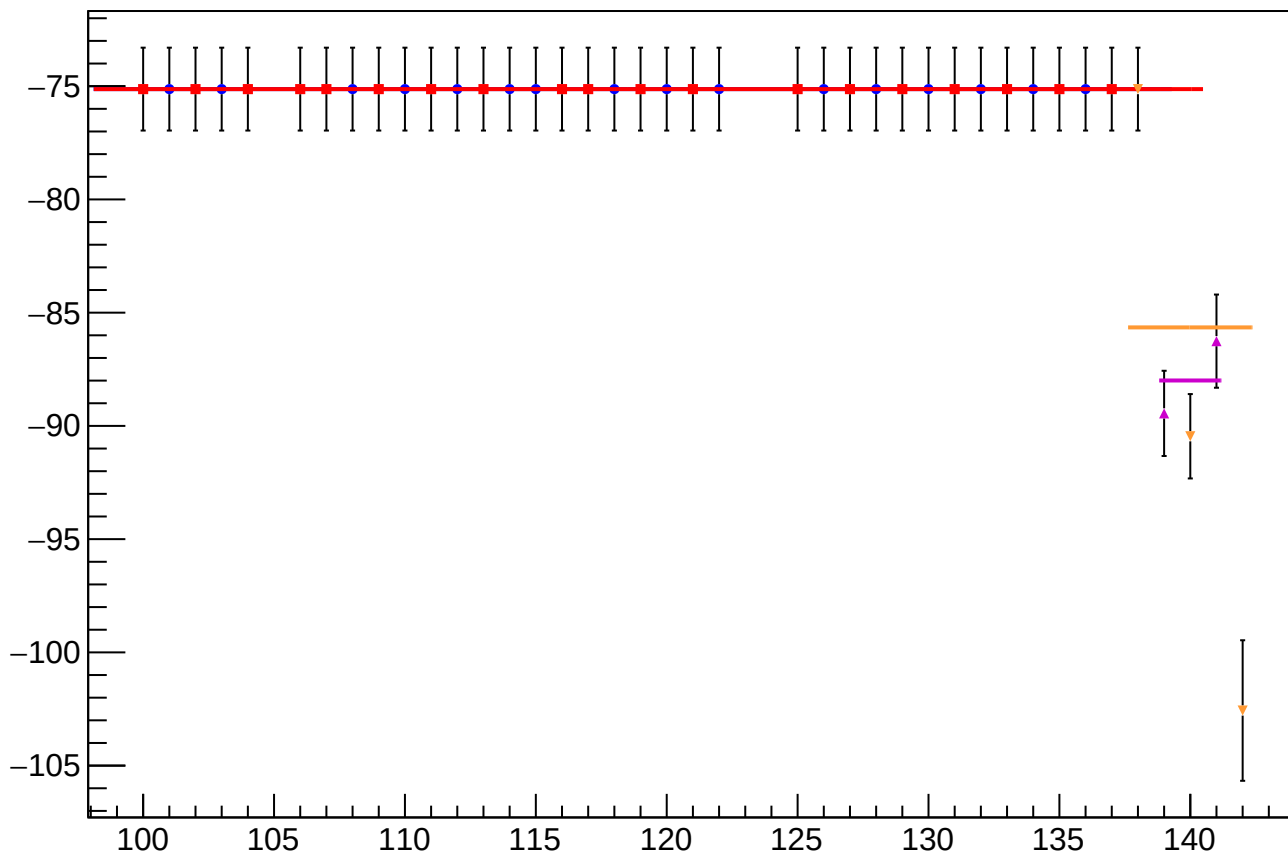
Right Out: -0.221 ± 0.004 χ^2/NDF : 7566.8/19

Left In: 0.209 ± 0.008 χ^2/NDF : 41.3/1

0.007 ± 0.004 χ^2/NDF : 11324.1/20

-0.120 ± 0.004 χ^2/NDF : 9951.3/21

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -75.129 $\pm$ 0.457 χ^2 /NDF: 0.0/15

Left Out: -85.651 $\pm$ 1.203 χ^2 /NDF: 69.4/2

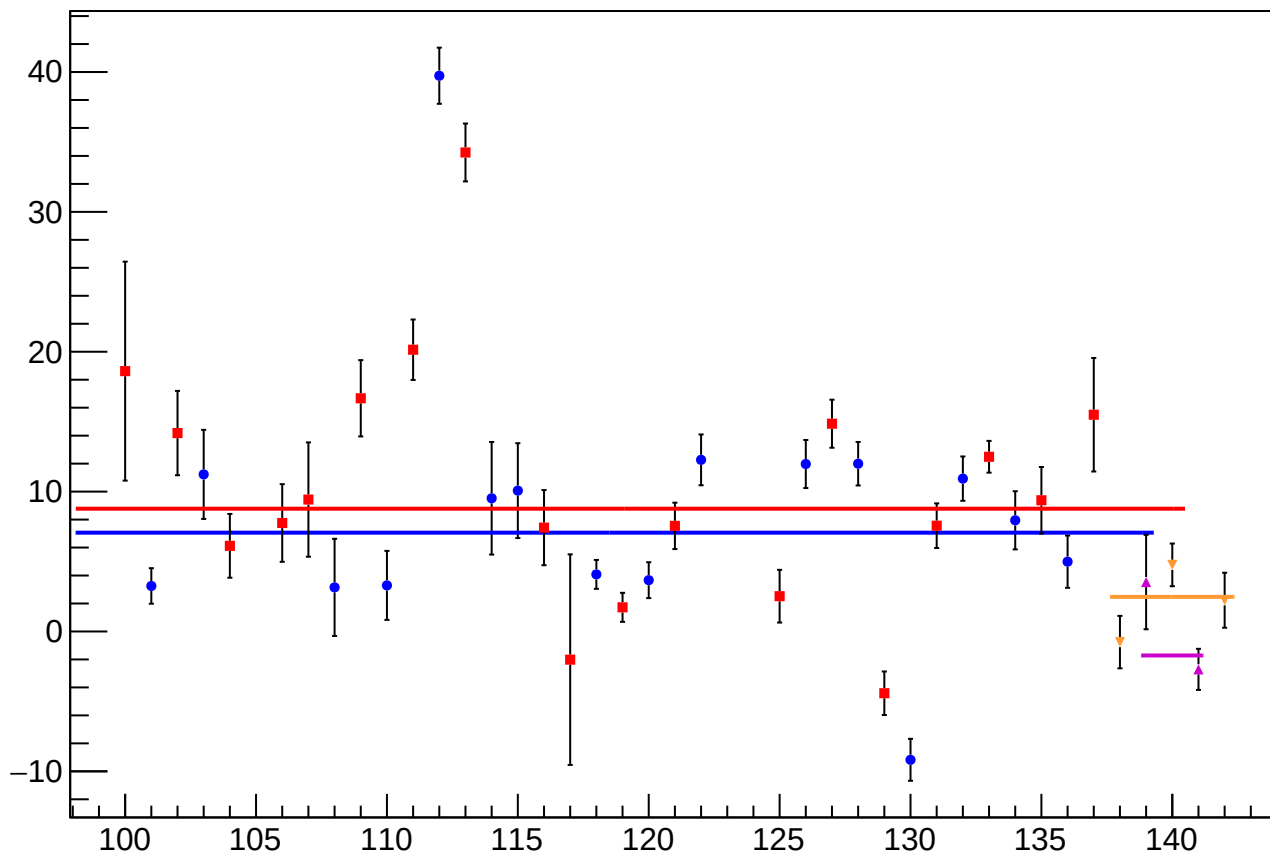
Right Out: -75.129 $\pm$ 0.420 χ^2 /NDF: 0.0/18

Left In: -87.995 $\pm$ 1.388 χ^2 /NDF: 1.3/1

-76.458 $\pm$ 0.428 χ^2 /NDF: 136.3/18

-76.207 $\pm$ 0.402 χ^2 /NDF: 80.0/20

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.474 ± 1.014 χ^2/NDF : 5.2/2

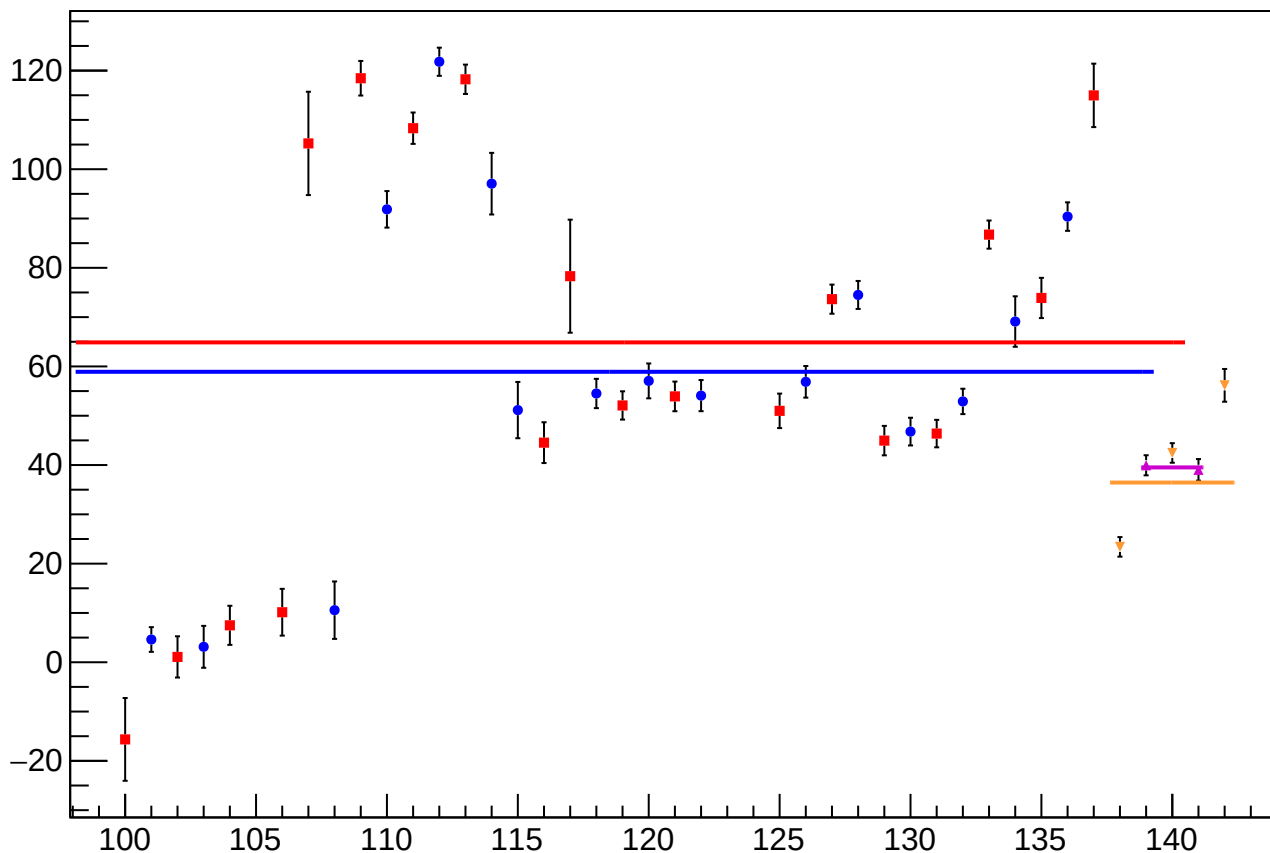
Right Out: 8.777 ± 0.448 χ^2/NDF : 352.4/18

Left In: -1.716 ± 1.346 χ^2/NDF : 2.9/1

6.354 ± 0.399 χ^2/NDF : 469.4/18

7.730 ± 0.425 χ^2/NDF : 410.0/20

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913+/-0.831 χ^2/NDF : 1496.7/15

Left Out: 36.447+/-1.292 χ^2/NDF : 87.6/2

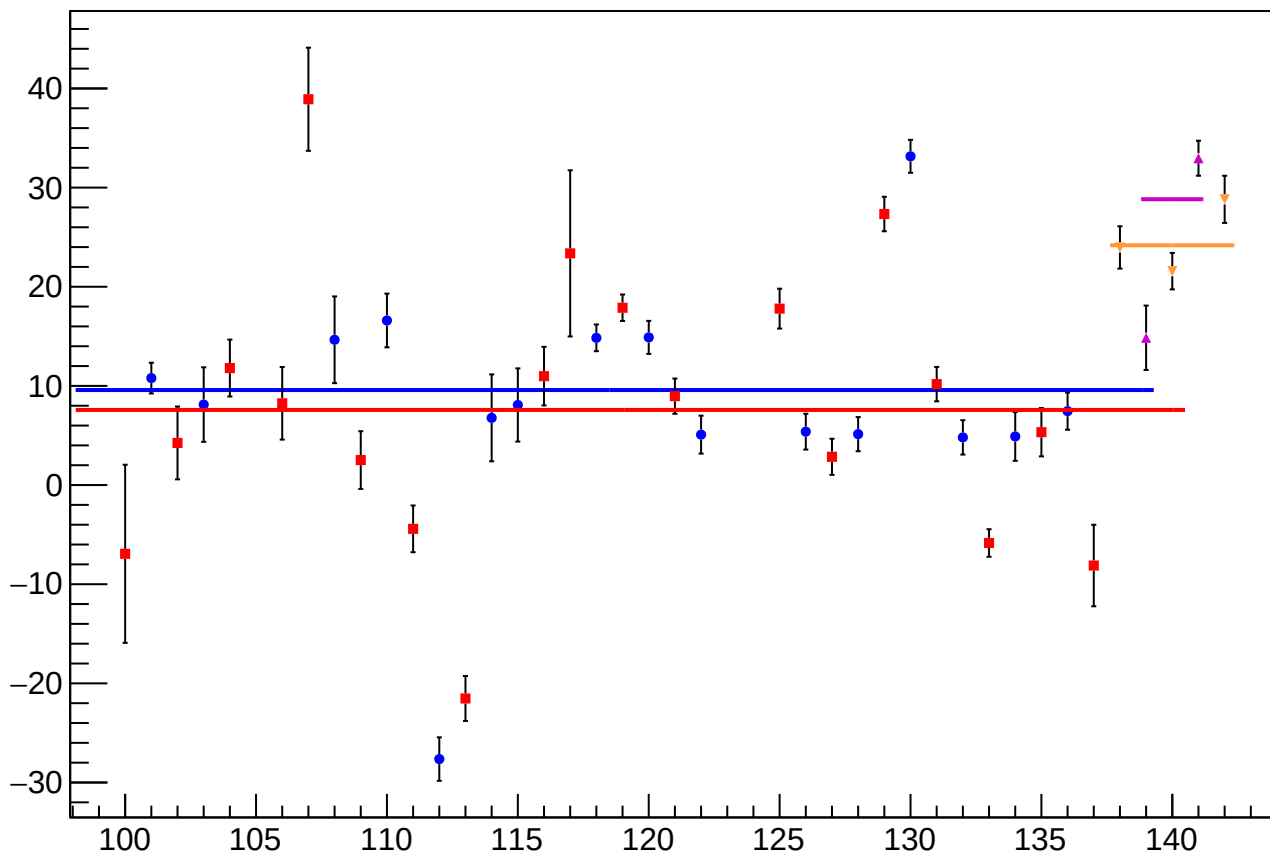
Right Out: 64.875+/-0.838 χ^2/NDF : 1719.5/18

Left In: 39.519+/-1.491 χ^2/NDF : 0.1/1

52.336+/-0.699 χ^2/NDF : 1798.1/18

58.791+/-0.731 χ^2/NDF : 1939.3/20

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 24.183 ± 1.203 χ^2/NDF : 5.8/2

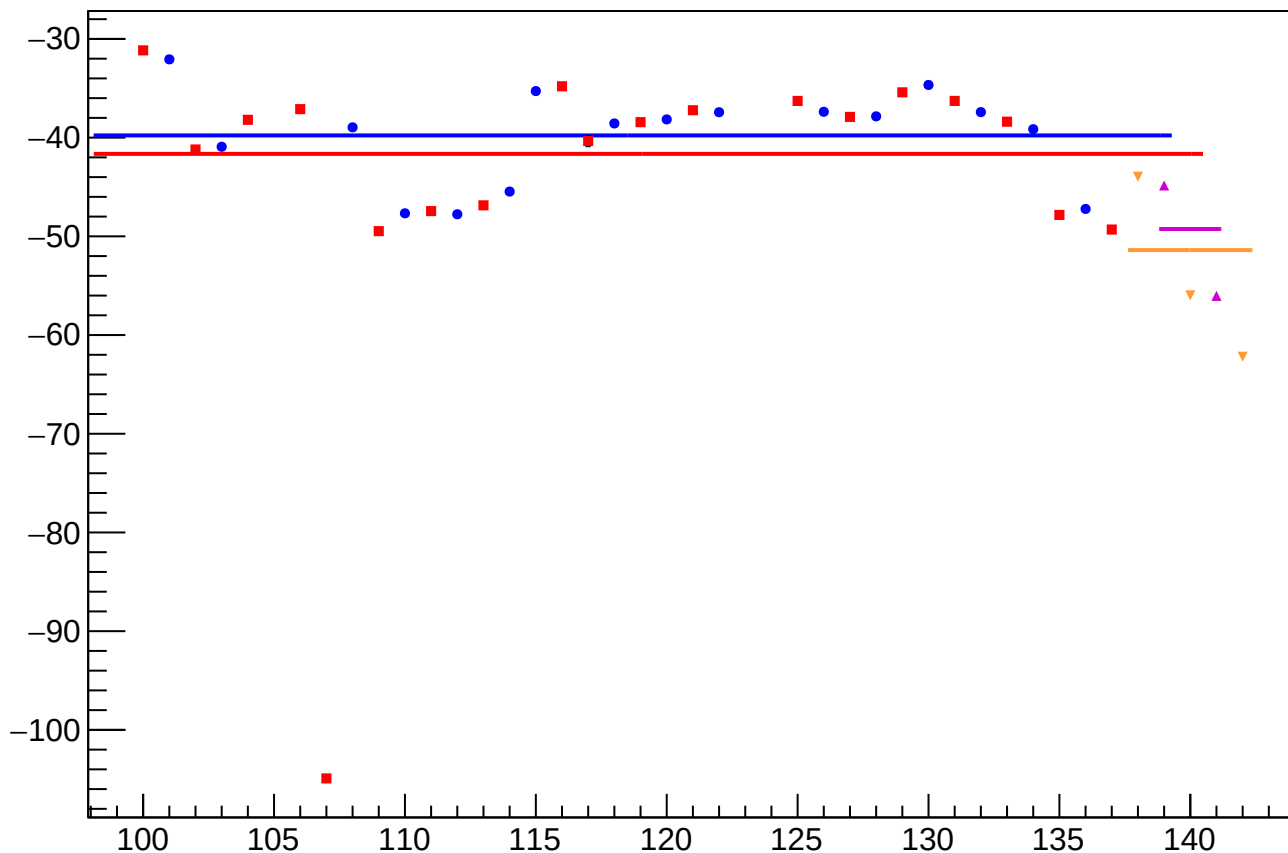
Right Out: 7.575 ± 0.515 χ^2/NDF : 573.4/18

Left In: 28.829 ± 1.552 χ^2/NDF : 24.0/1

11.743 ± 0.463 χ^2/NDF : 685.8/18

9.683 ± 0.489 χ^2/NDF : 766.4/20

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -51.394 ± 0.053 χ^2/NDF : 18446.1/2

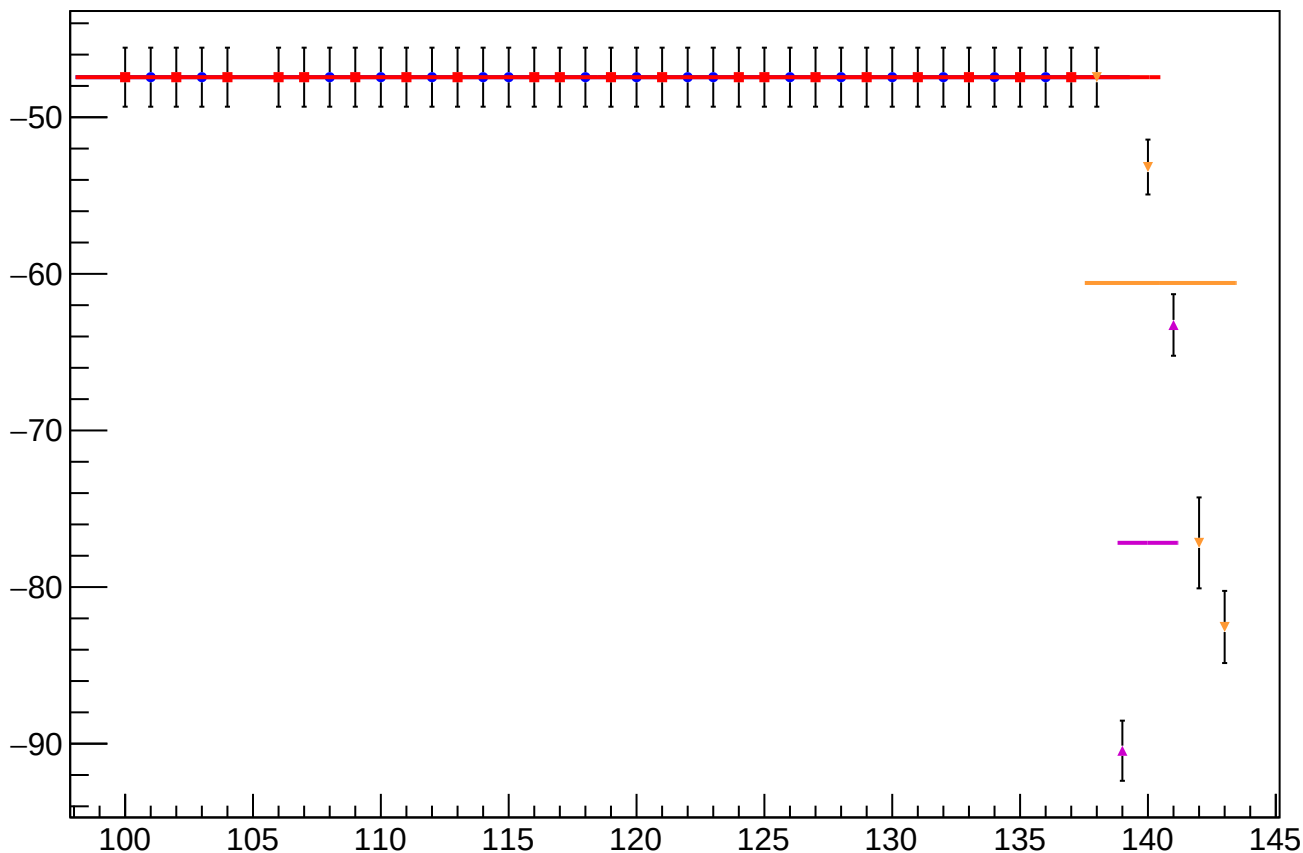
Right Out: -41.646 ± 0.031 χ^2/NDF : 94463.7/18

Left In: -49.258 ± 0.056 χ^2/NDF : 9676.5/1

-42.733 ± 0.027 χ^2/NDF : 80187.4/18

-43.464 ± 0.027 χ^2/NDF : 118416.8/20

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -47.442 ± 0.457 χ^2/NDF : 0.0/16

Left Out: -60.582 ± 1.046 χ^2/NDF : 190.1/3

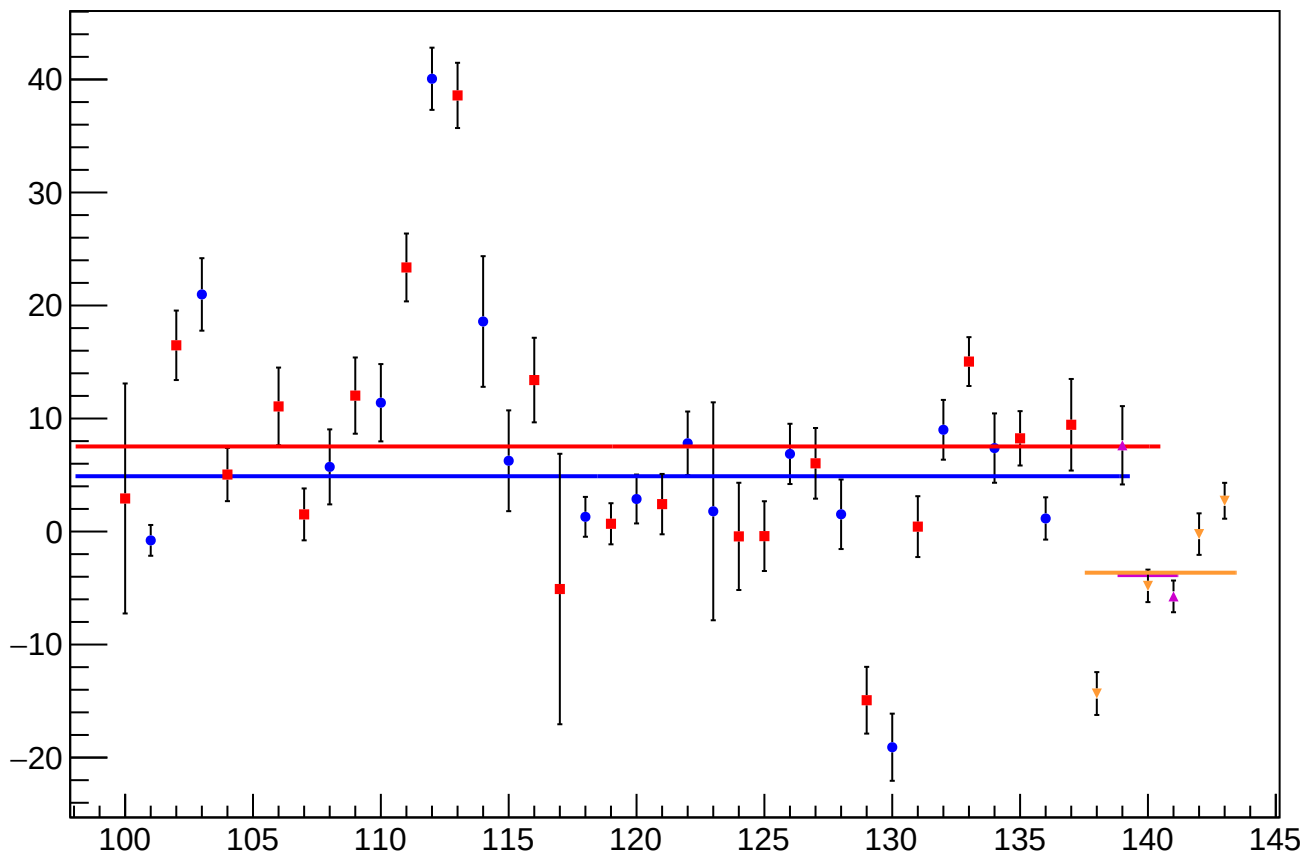
Right Out: -47.442 ± 0.421 χ^2/NDF : 0.0/19

Left In: -77.175 ± 1.374 χ^2/NDF : 97.9/1

-49.550 ± 0.419 χ^2/NDF : 322.6/20

-50.000 ± 0.403 χ^2/NDF : 526.2/21

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: -3.642 ± 0.829 χ^2/NDF : 52.0/3

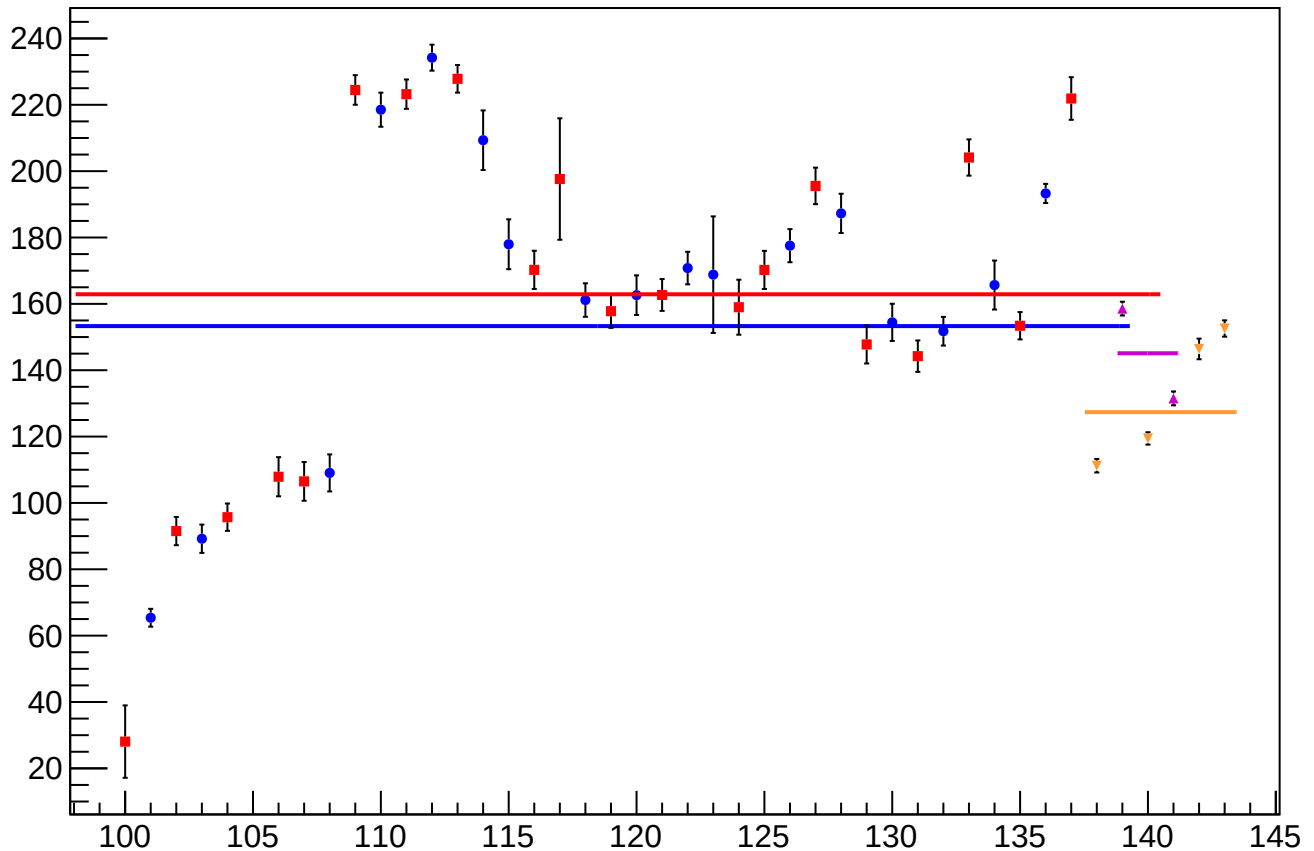
Right Out: 7.528 ± 0.651 χ^2/NDF : 271.3/19

Left In: -3.856 ± 1.301 χ^2/NDF : 12.8/1

1.824 ± 0.497 χ^2/NDF : 415.3/20

5.249 ± 0.582 χ^2/NDF : 345.4/21

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 127.366 $\pm$ 1.121 χ^2 /NDF:223.3/3

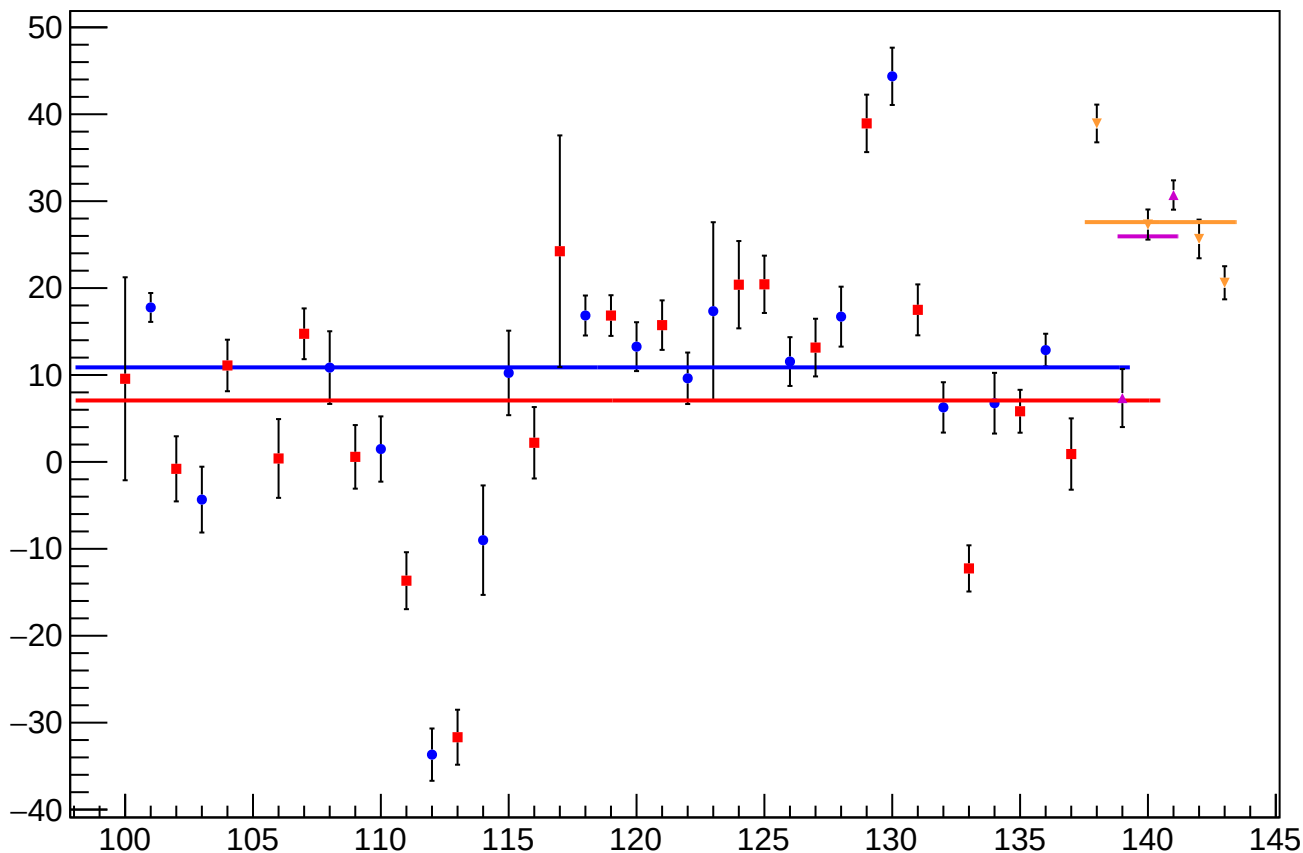
Right Out: 162.891 $\pm$ 1.174 χ^2 /NDF: 1712.3/19

Left In: 145.116 $\pm$ 1.474 χ^2 /NDF:84.3/1

140.060 $\pm$ 0.801 χ^2 /NDF: 2752.0/20

155.988 $\pm$ 0.918 χ^2 /NDF: 1885.6/21

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 ± 0.713 χ^2/NDF : 388.1/16

Left Out: 27.590 ± 0.989 χ^2/NDF : 41.5/3

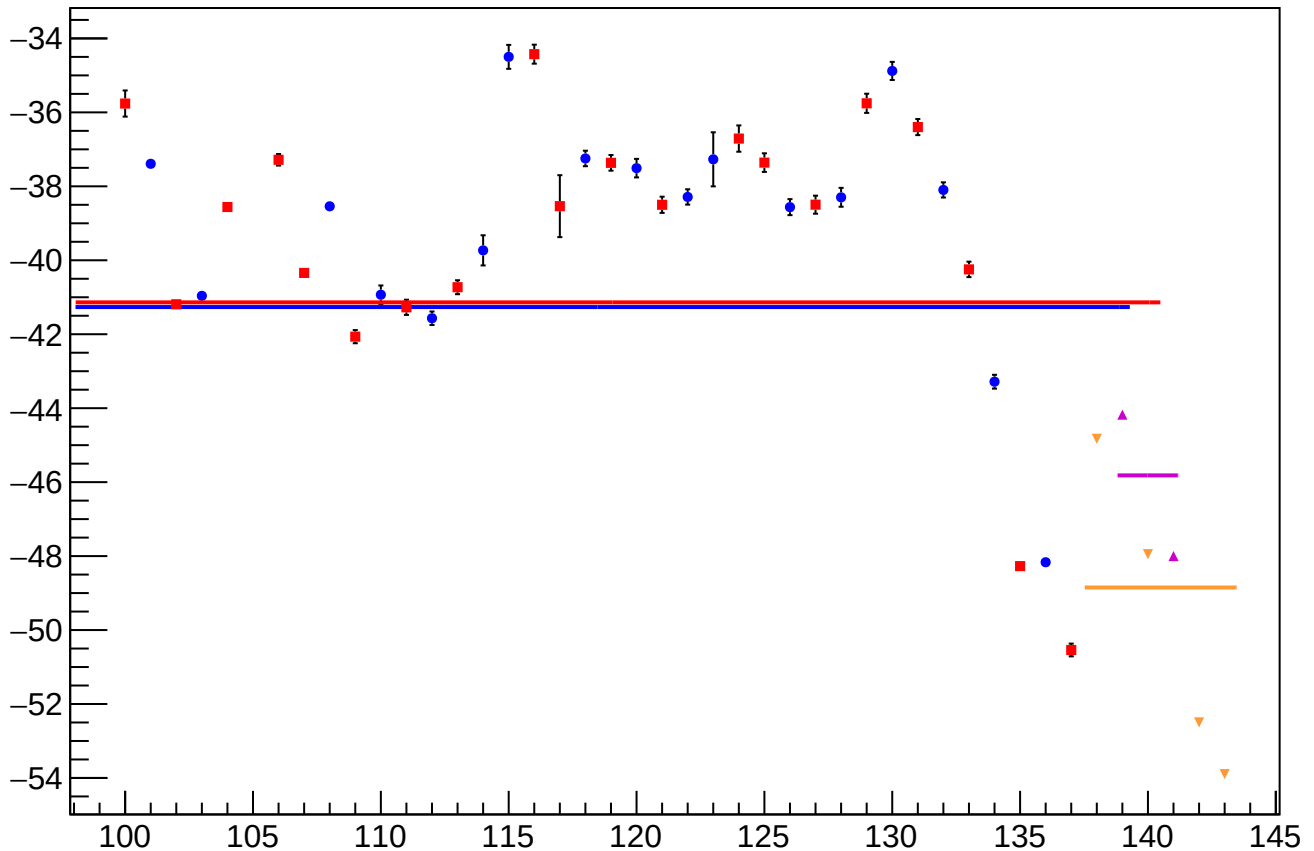
Right Out: 7.068 ± 0.747 χ^2/NDF : 426.2/19

Left In: 25.950 ± 1.506 χ^2/NDF : 39.0/1

16.599 ± 0.579 χ^2/NDF : 617.5/20

10.796 ± 0.669 χ^2/NDF : 591.4/21

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -48.849 ± 0.046 $\chi^2/\text{NDF}: 6073.4/3$

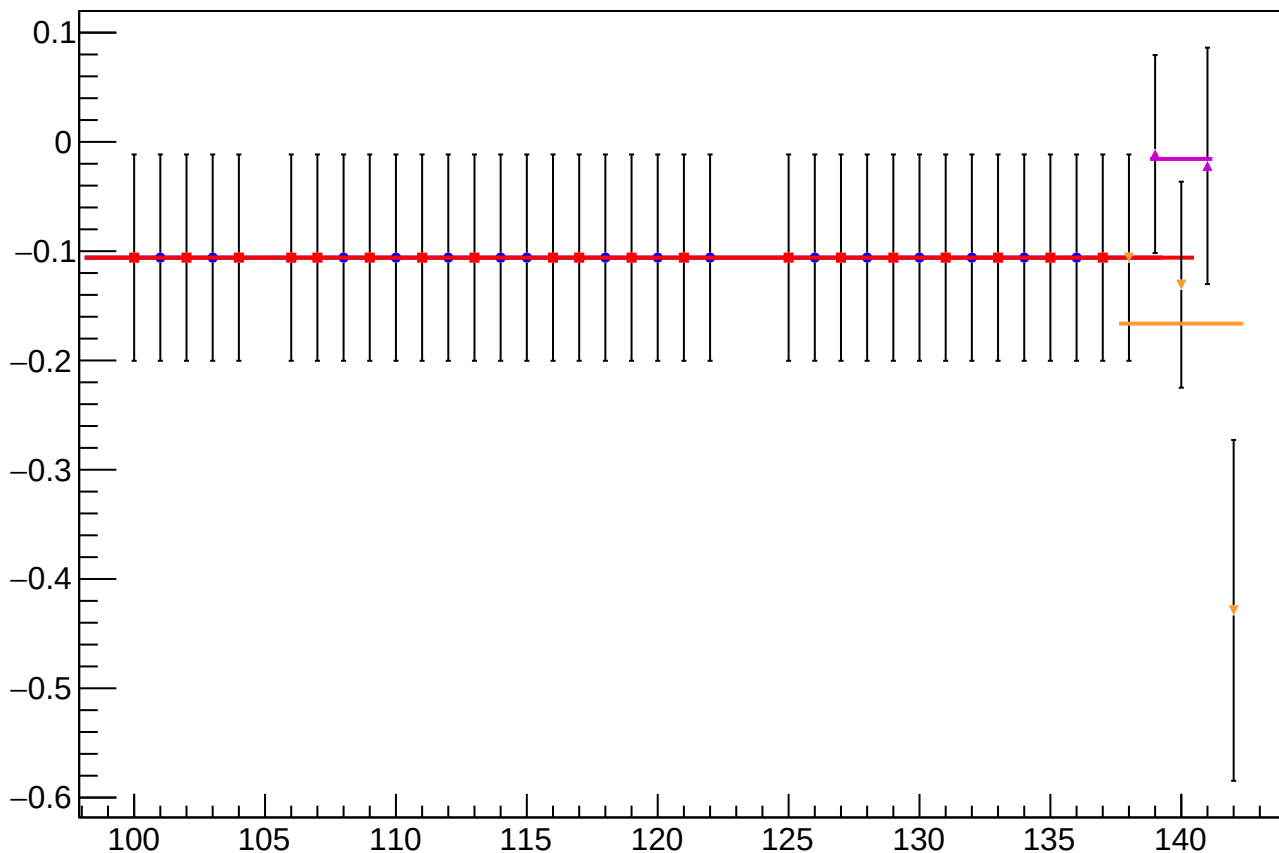
Right Out: -41.138 ± 0.039 $\chi^2/\text{NDF}: 12228.3/19$

Left In: -45.817 ± 0.055 $\chi^2/\text{NDF}: 1168.9/1$

-44.382 ± 0.030 $\chi^2/\text{NDF}: 34594.5/20$

-42.667 ± 0.032 $\chi^2/\text{NDF}: 18202.8/21$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: -0.106 ± 0.024 χ^2/NDF : 0.0/15

Left Out: -0.166 ± 0.061 χ^2/NDF : 3.4/2

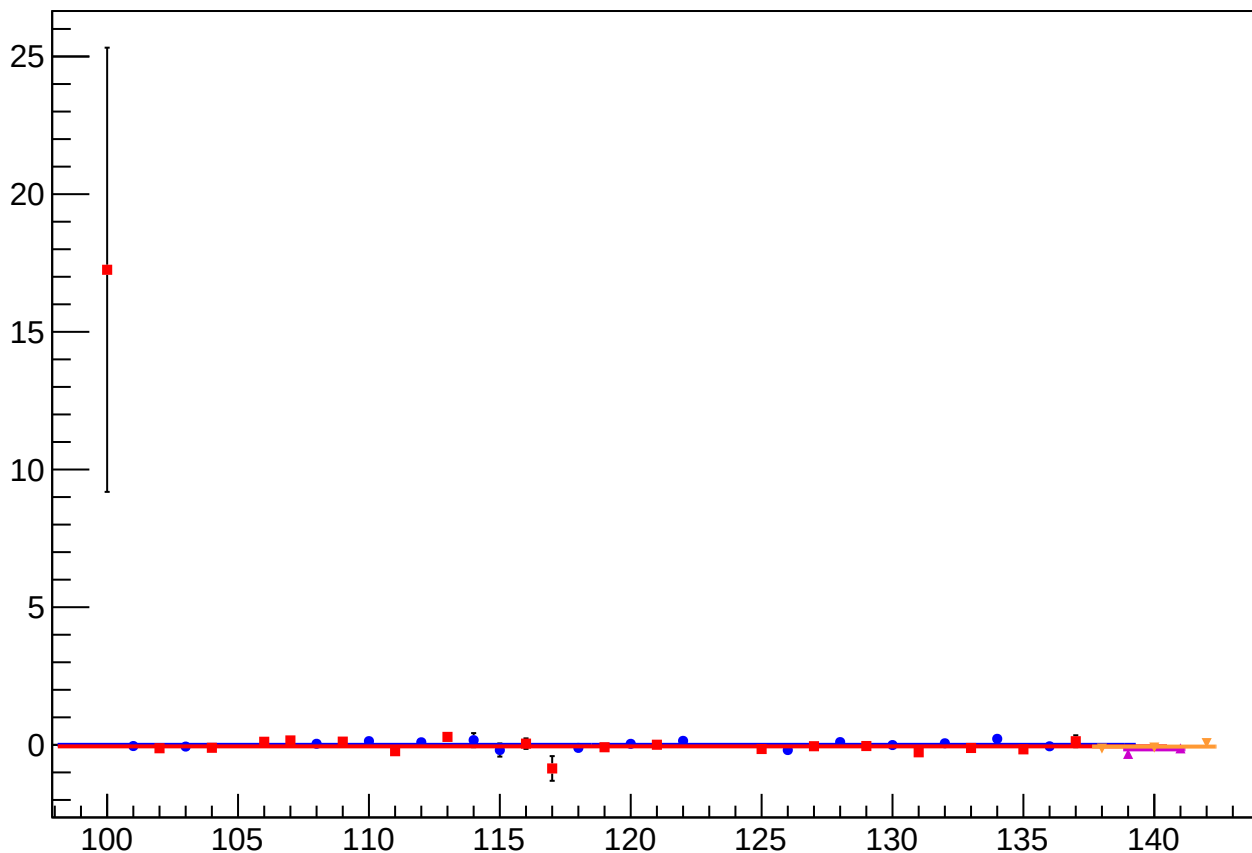
Right Out: -0.106 ± 0.022 χ^2/NDF : 0.0/18

Left In: -0.016 ± 0.069 χ^2/NDF : 0.0/1

-0.114 ± 0.022 χ^2/NDF : 4.2/18

-0.098 ± 0.021 χ^2/NDF : 1.5/20

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.062 ± 0.052 χ^2/NDF : 2.3/2

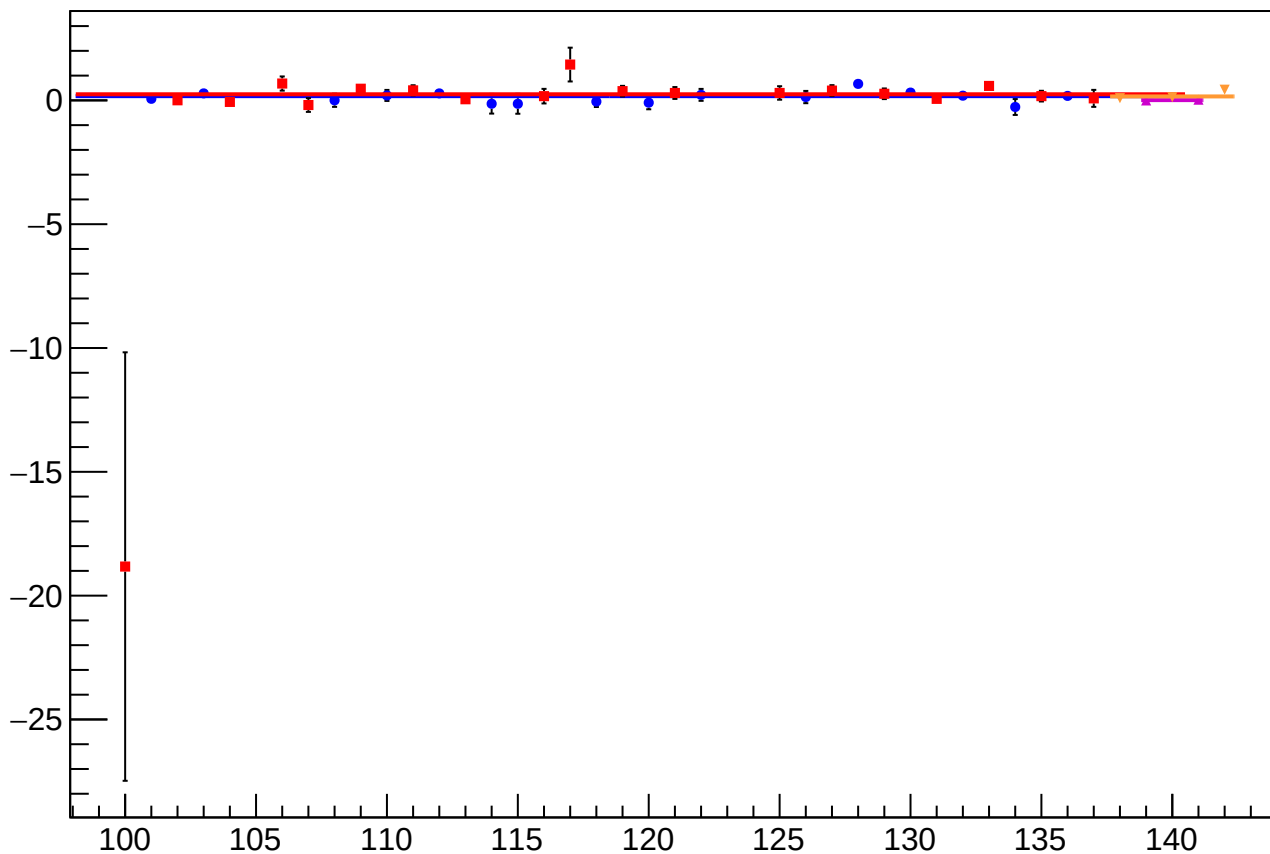
Right Out: -0.054 ± 0.029 χ^2/NDF : 29.0/18

Left In: -0.163 ± 0.070 χ^2/NDF : 1.2/1

-0.013 ± 0.025 χ^2/NDF : 16.0/18

-0.071 ± 0.027 χ^2/NDF : 32.3/20

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.052 $\chi^2/\text{NDF}: 13.7/15$

Left Out: 0.159 ± 0.066 $\chi^2/\text{NDF}: 3.2/2$

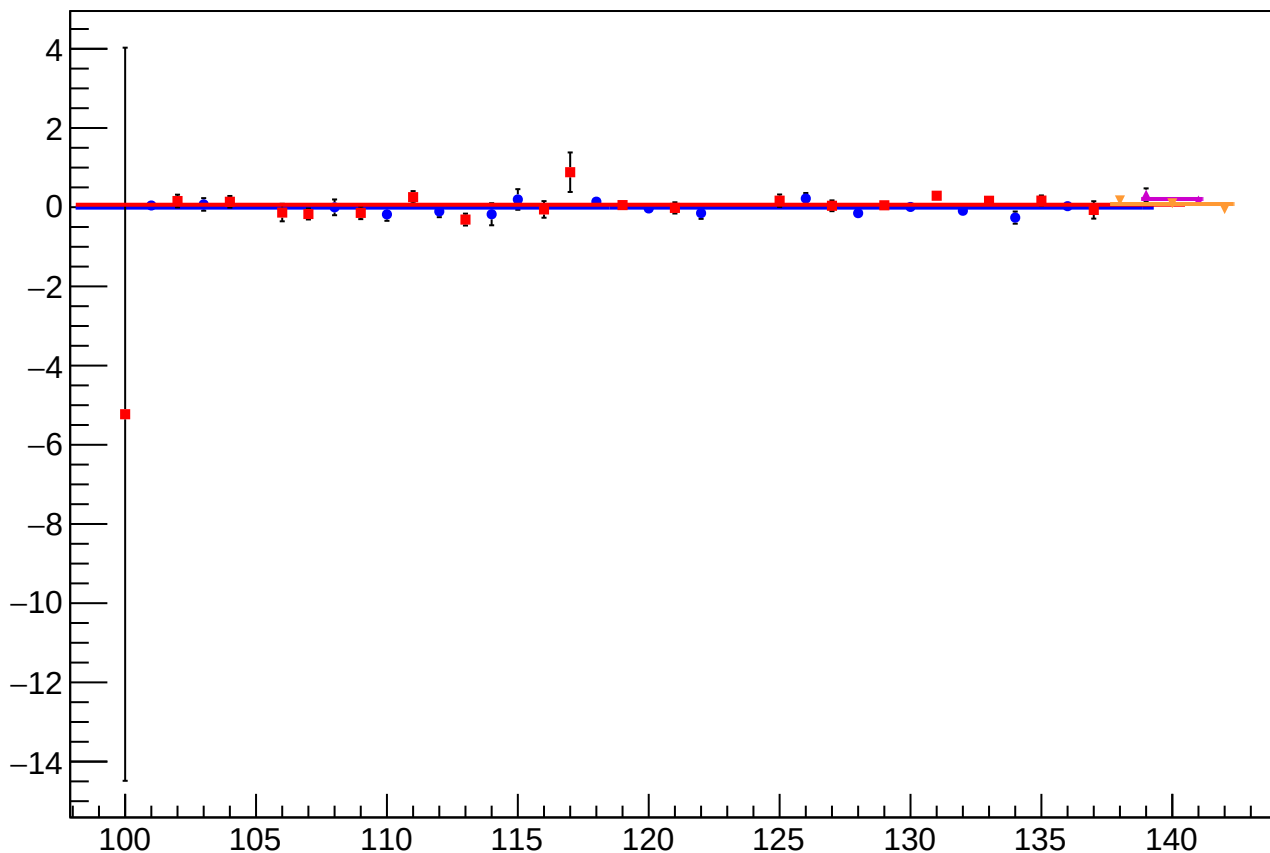
Right Out: 0.246 ± 0.054 $\chi^2/\text{NDF}: 24.9/18$

Left In: 0.011 ± 0.075 $\chi^2/\text{NDF}: 0.0/1$

0.166 ± 0.041 $\chi^2/\text{NDF}: 16.9/18$

0.166 ± 0.044 $\chi^2/\text{NDF}: 31.5/20$

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.080 ± 0.062 χ^2/NDF : 1.8/2

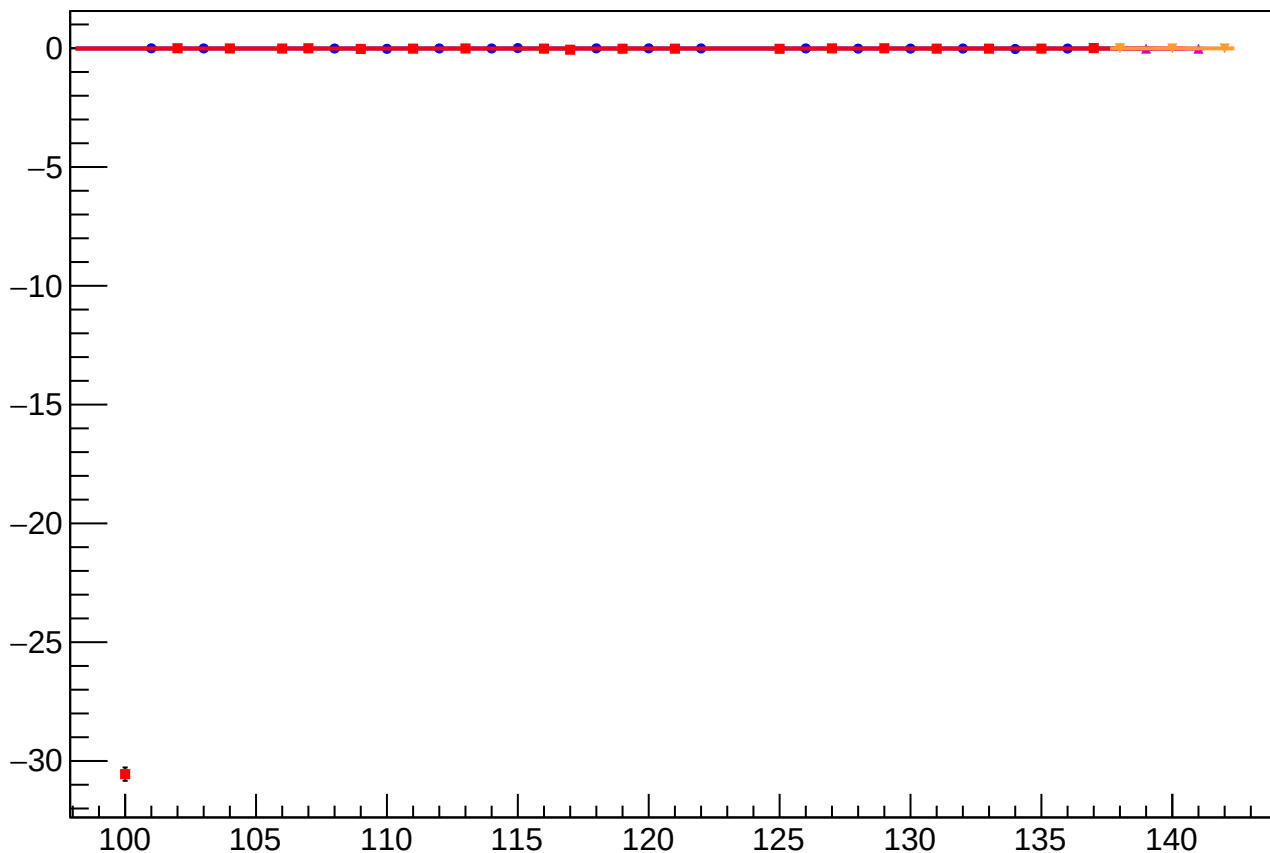
Right Out: 0.062 ± 0.034 χ^2/NDF : 23.3/18

Left In: 0.207 ± 0.080 χ^2/NDF : 0.7/1

0.009 ± 0.029 χ^2/NDF : 17.3/18

0.084 ± 0.031 χ^2/NDF : 26.7/20

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

-0.010 $\pm$ 0.001 χ^2 /NDF: 18.4/18

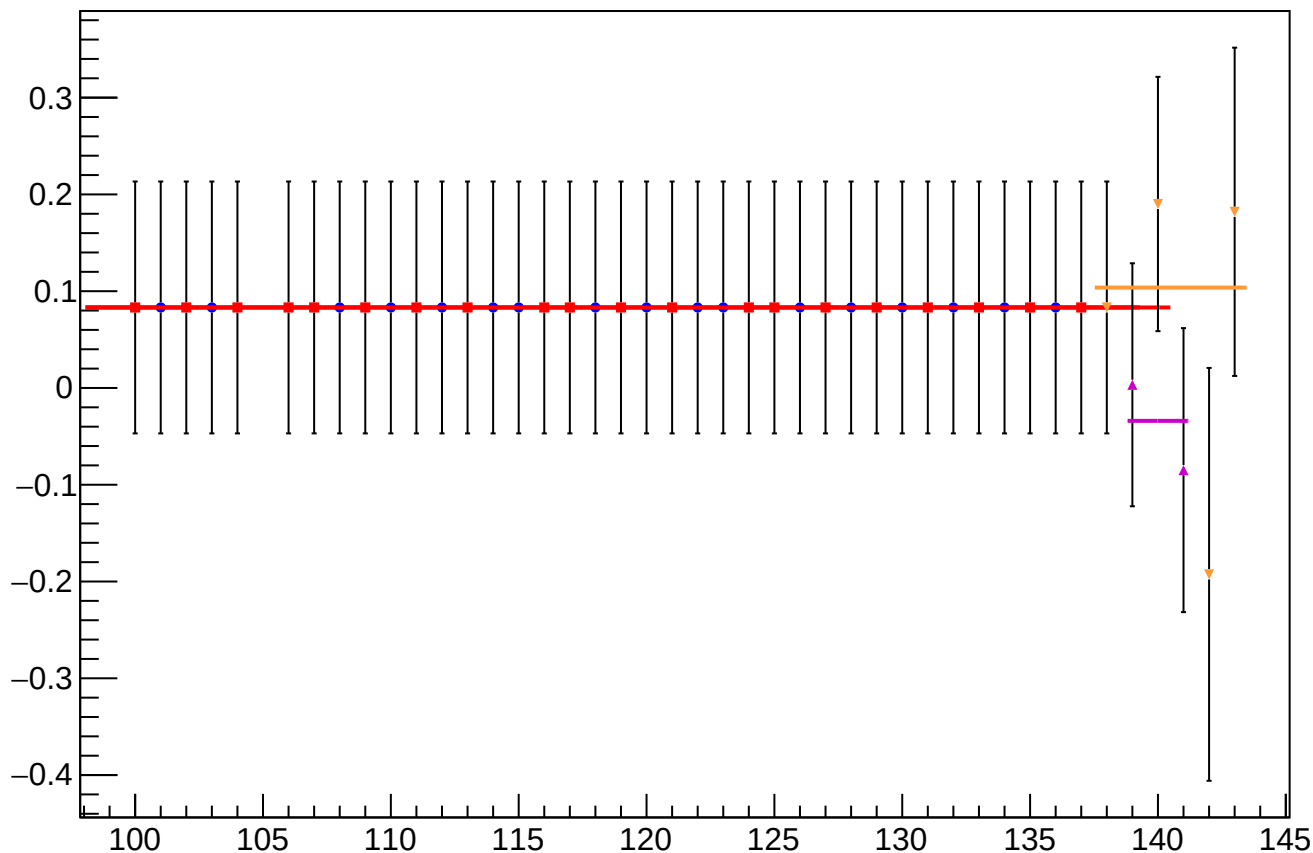
Left Out: -0.006 $\pm$ 0.003 χ^2 /NDF: 2.5/2

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11894.2/18

-0.014 $\pm$ 0.002 χ^2 /NDF: 11896.0/20

Left In: -0.016 $\pm$ 0.003 χ^2 /NDF: 0.2/1

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.083 $\pm$ 0.032 χ^2/NDF : 0.0/16

Left Out: 0.104 $\pm$ 0.076 χ^2/NDF : 2.6/3

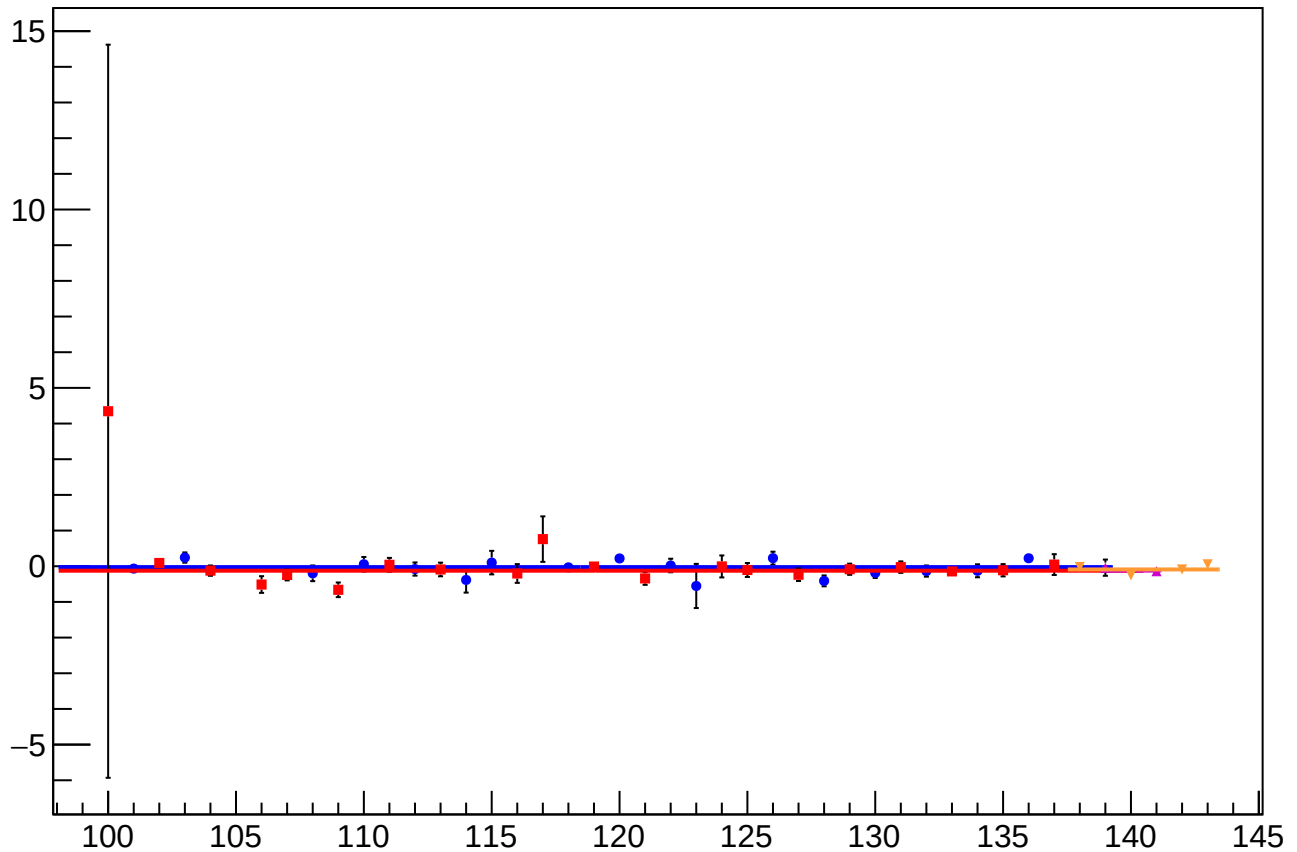
Right Out: 0.083 $\pm$ 0.029 χ^2/NDF : 0.0/19

Left In: -0.034 $\pm$ 0.095 χ^2/NDF : 0.2/1

0.086 $\pm$ 0.029 χ^2/NDF : 2.7/20

0.073 $\pm$ 0.028 χ^2/NDF : 1.6/21

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

-0.041 ± 0.031 χ^2/NDF : 28.2/20

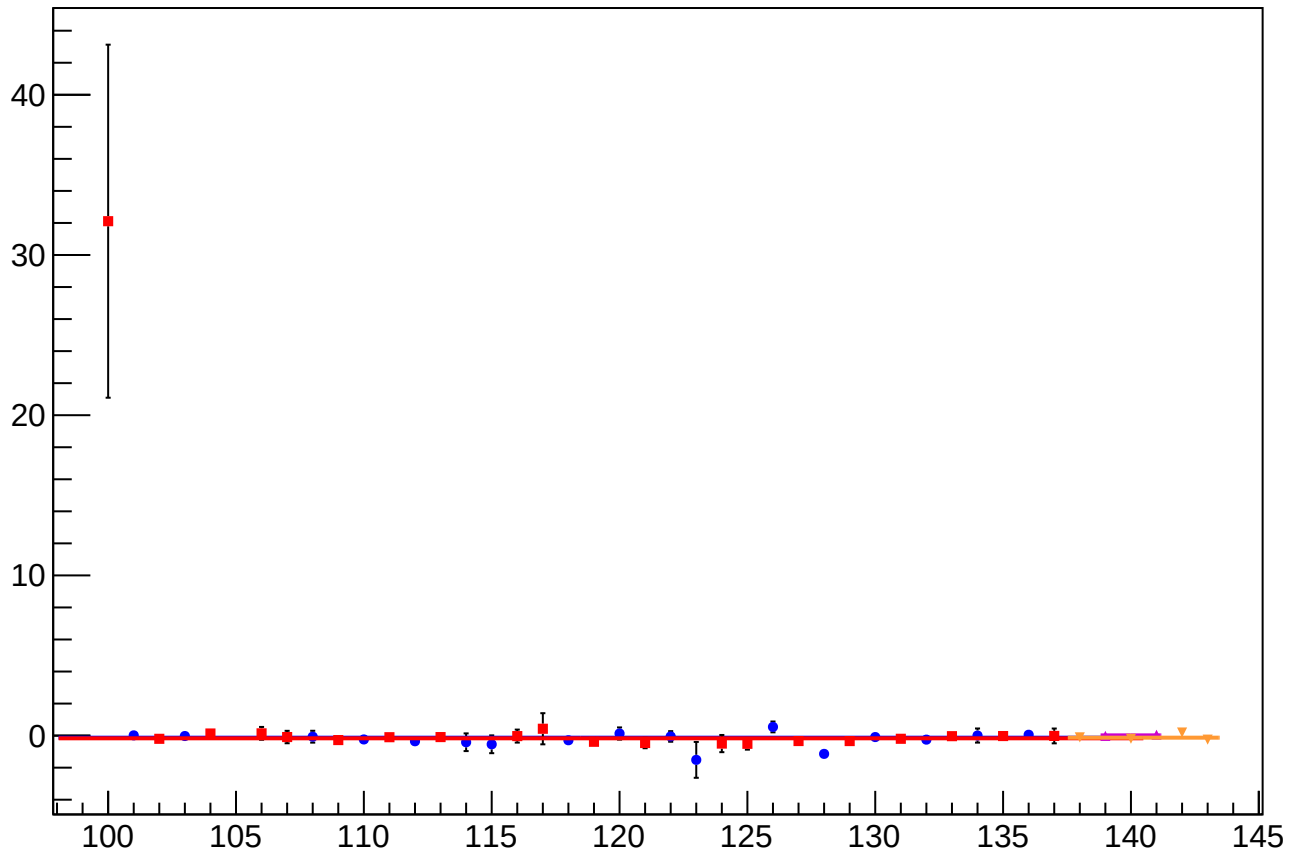
Left Out: -0.090 ± 0.062 χ^2/NDF : 4.0/3

Right Out: -0.125 ± 0.039 χ^2/NDF : 19.6/19

-0.124 ± 0.036 χ^2/NDF : 19.7/21

Left In: -0.122 ± 0.096 χ^2/NDF : 0.2/1

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.128 ± 0.081 χ^2/NDF : 2.7/3

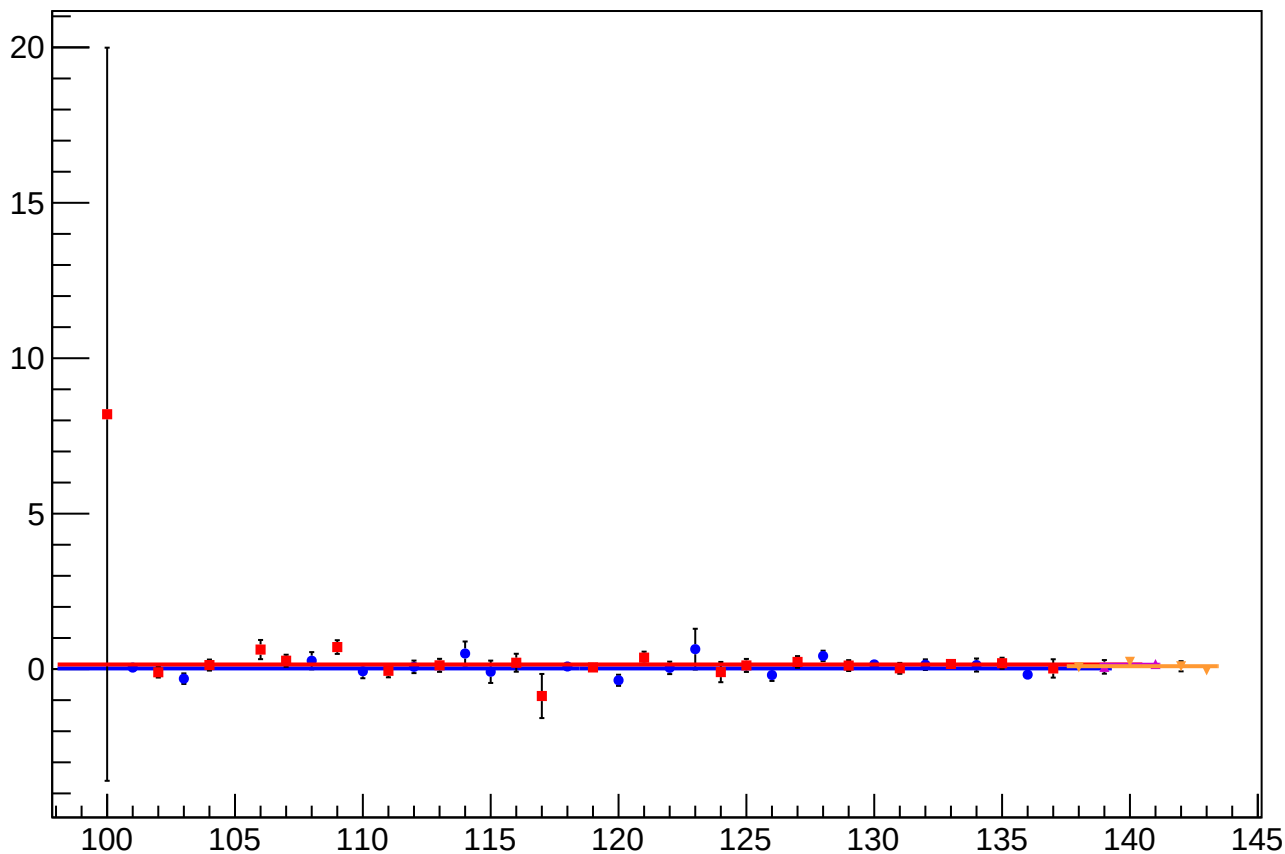
Right Out: -0.168 ± 0.071 χ^2/NDF : 15.4/19

Left In: 0.015 ± 0.102 χ^2/NDF : 0.1/1

-0.129 ± 0.052 χ^2/NDF : 26.4/20

-0.109 ± 0.058 χ^2/NDF : 17.7/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021+/-0.042 χ^2/NDF : 22.5/16

Left Out: 0.092+/-0.073 χ^2/NDF : 2.1/3

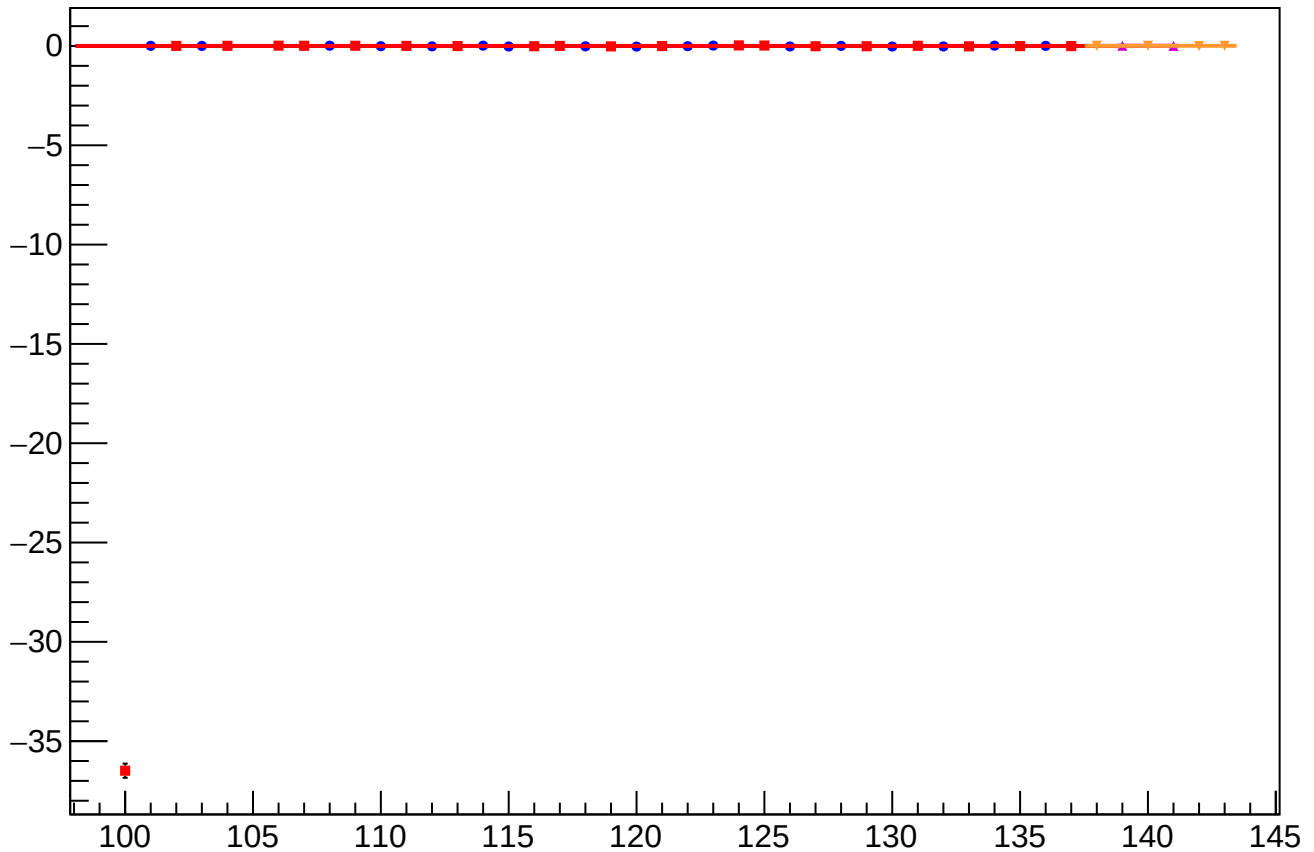
Right Out: 0.148+/-0.045 χ^2/NDF : 18.3/19

Left In: 0.139+/-0.109 χ^2/NDF : 0.1/1

0.039+/-0.037 χ^2/NDF : 25.4/20

0.147+/-0.042 χ^2/NDF : 18.4/21

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.2/3

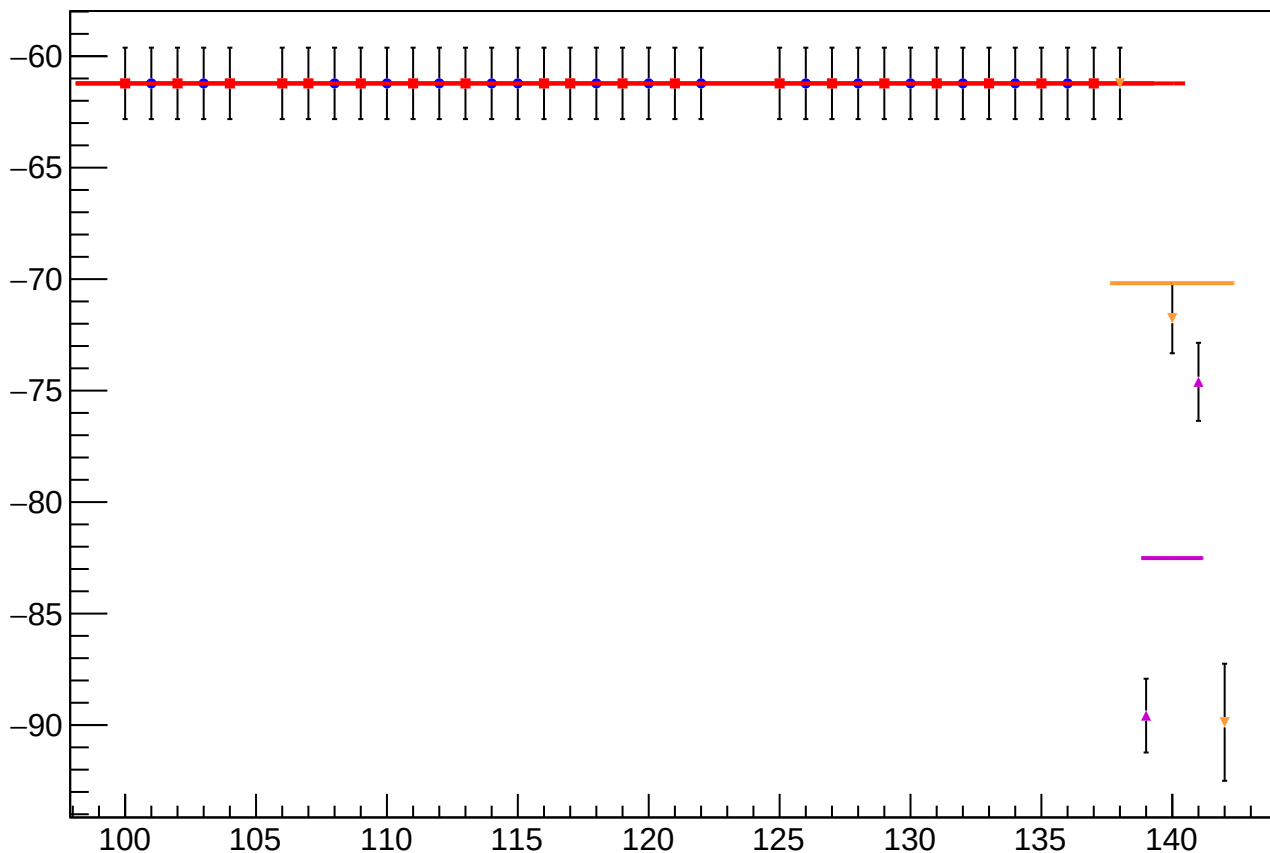
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

Left In: 0.010 $\pm$ 0.004 χ^2 /NDF: 1.4/1

0.004 $\pm$ 0.002 χ^2 /NDF: 39.2/20

0.003 $\pm$ 0.002 χ^2 /NDF: 10454.4/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -61.220 ± 0.400 $\chi^2/\text{NDF}: 0.0/15$

Left Out: -70.180 ± 1.032 $\chi^2/\text{NDF}: 88.6/2$

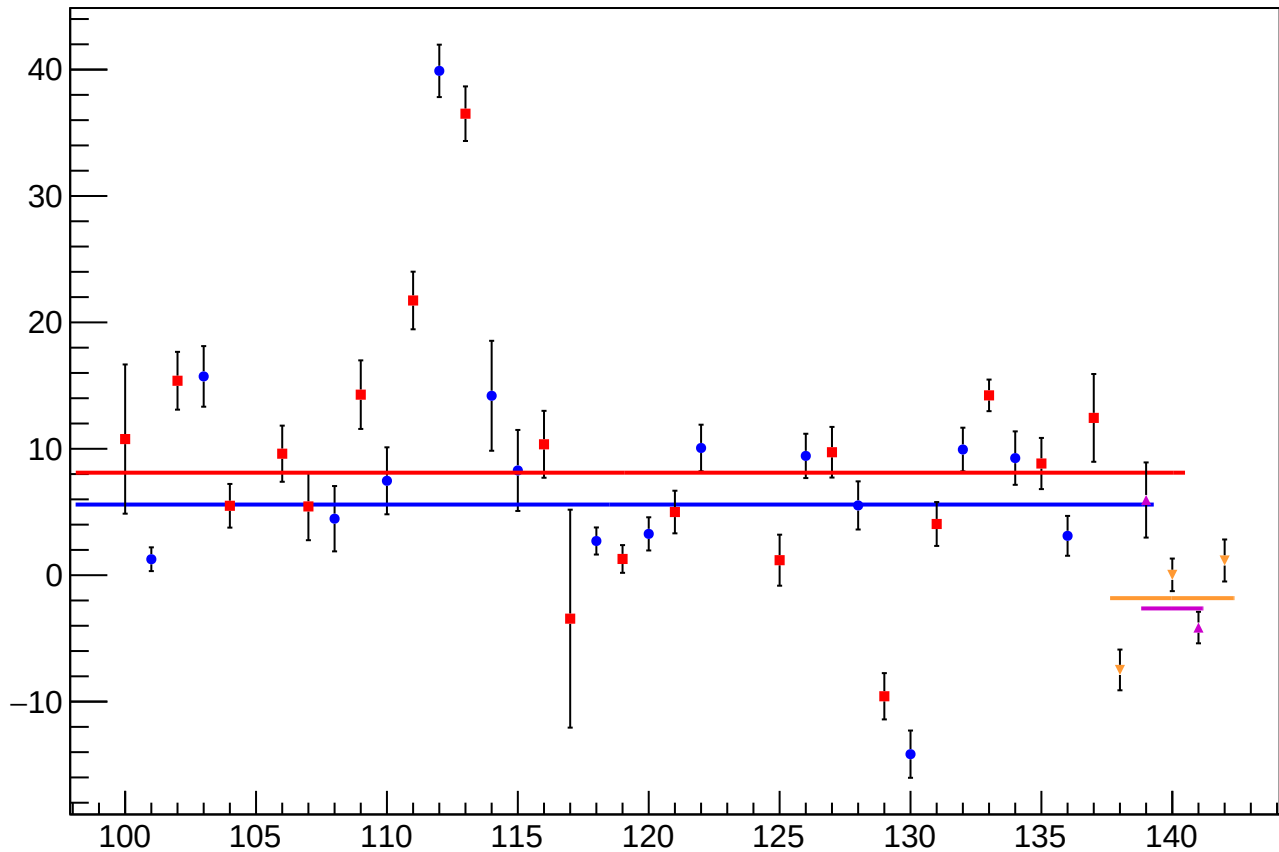
Right Out: -61.220 ± 0.368 $\chi^2/\text{NDF}: 0.0/18$

Left In: -82.512 ± 1.203 $\chi^2/\text{NDF}: 38.6/1$

-62.393 ± 0.373 $\chi^2/\text{NDF}: 154.0/18$

-63.039 ± 0.351 $\chi^2/\text{NDF}: 325.3/20$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 $\pm$ 0.424 χ^2/NDF : 462.8/15

Left Out: -1.816 $\pm$ 0.861 χ^2/NDF : 17.7/2

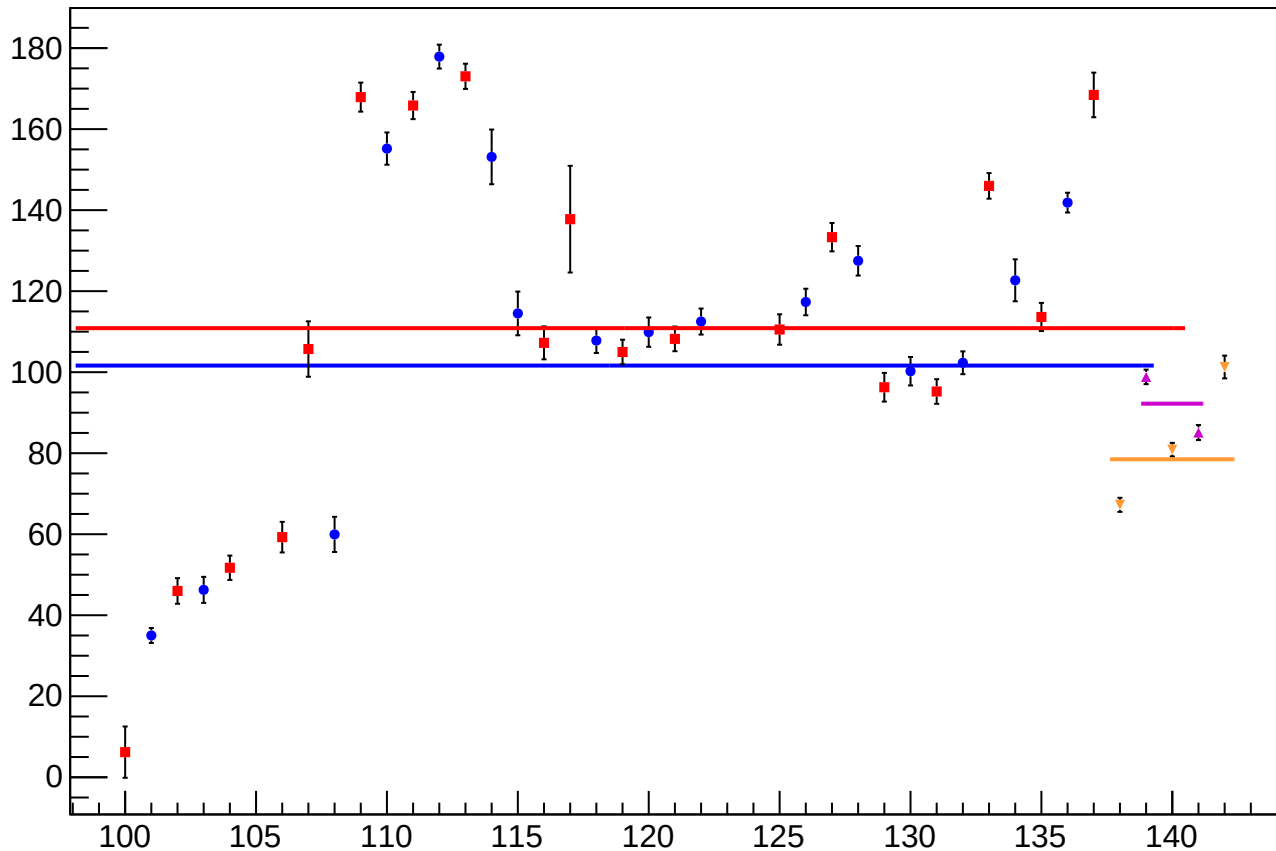
Right Out: 8.110 $\pm$ 0.453 χ^2/NDF : 409.5/18

Left In: -2.630 $\pm$ 1.151 χ^2/NDF : 9.8/1

4.146 $\pm$ 0.380 χ^2/NDF : 540.0/18

6.669 $\pm$ 0.422 χ^2/NDF : 494.7/20

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631+/-0.807 χ^2/NDF : 2978.9/15

Left Out: 78.500+/-1.108 χ^2/NDF : 109.7/2

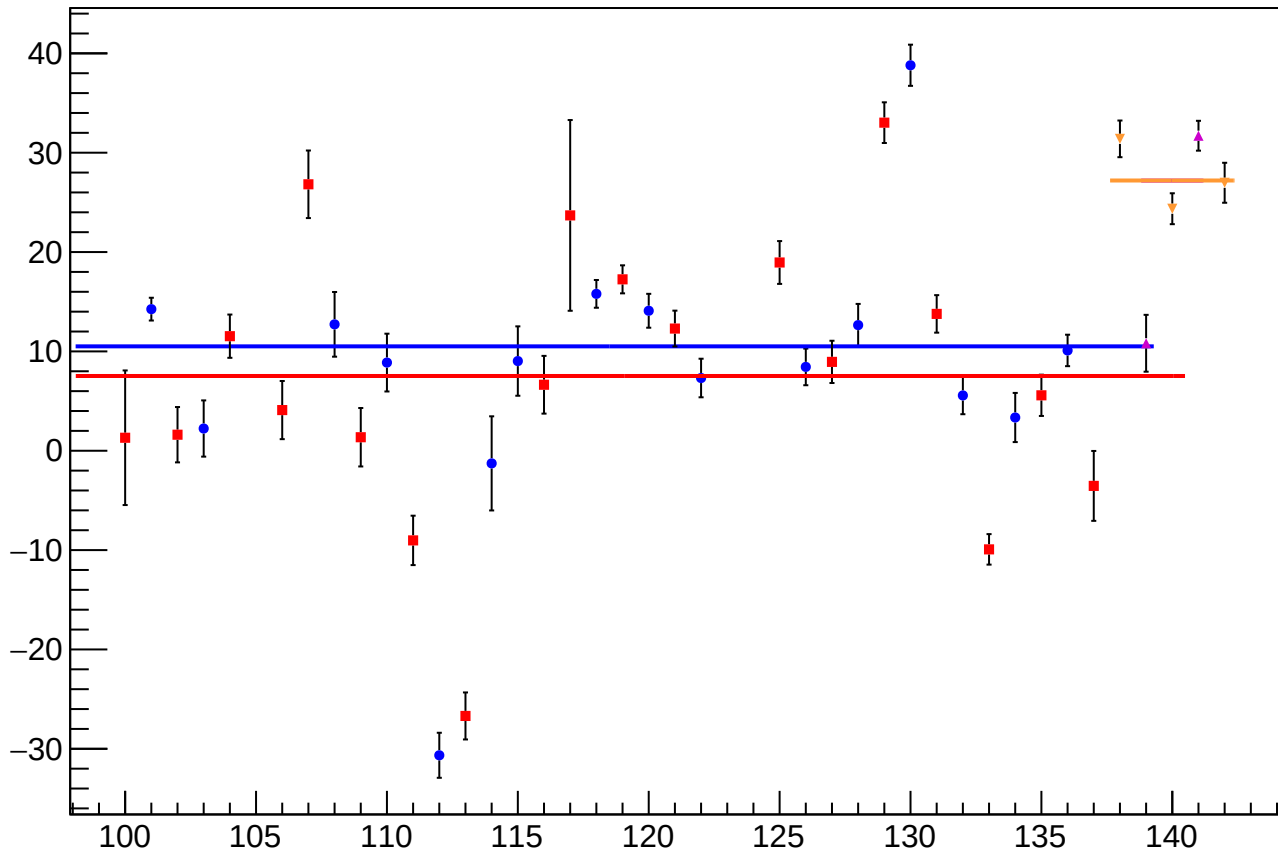
Right Out: 110.864+/-0.835 χ^2/NDF : 2517.1/18

Left In: 92.227+/-1.291 χ^2/NDF : 28.2/1

93.616+/-0.652 χ^2/NDF : 3373.3/18

105.373+/-0.701 χ^2/NDF : 2692.4/20

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508+/-0.492 χ^2/NDF : 581.5/15

Left Out: 27.202+/-1.024 χ^2/NDF : 8.5/2

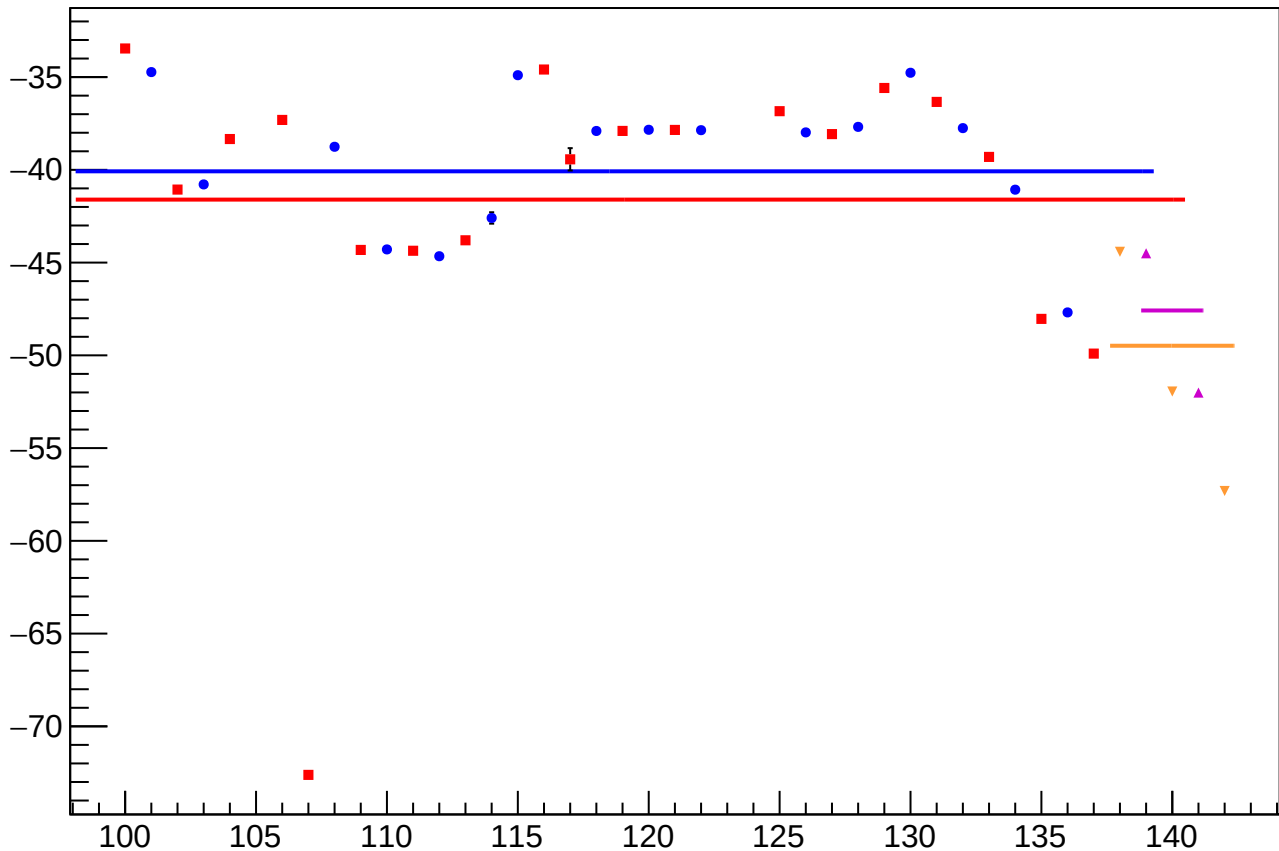
Right Out: 7.525+/-0.523 χ^2/NDF : 692.2/18

Left In: 27.193+/-1.330 χ^2/NDF : 41.8/1

13.641+/-0.443 χ^2/NDF : 806.0/18

10.161+/-0.487 χ^2/NDF : 923.3/20

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -49.483 ± 0.046 $\chi^2/\text{NDF}: 11383.6/2$

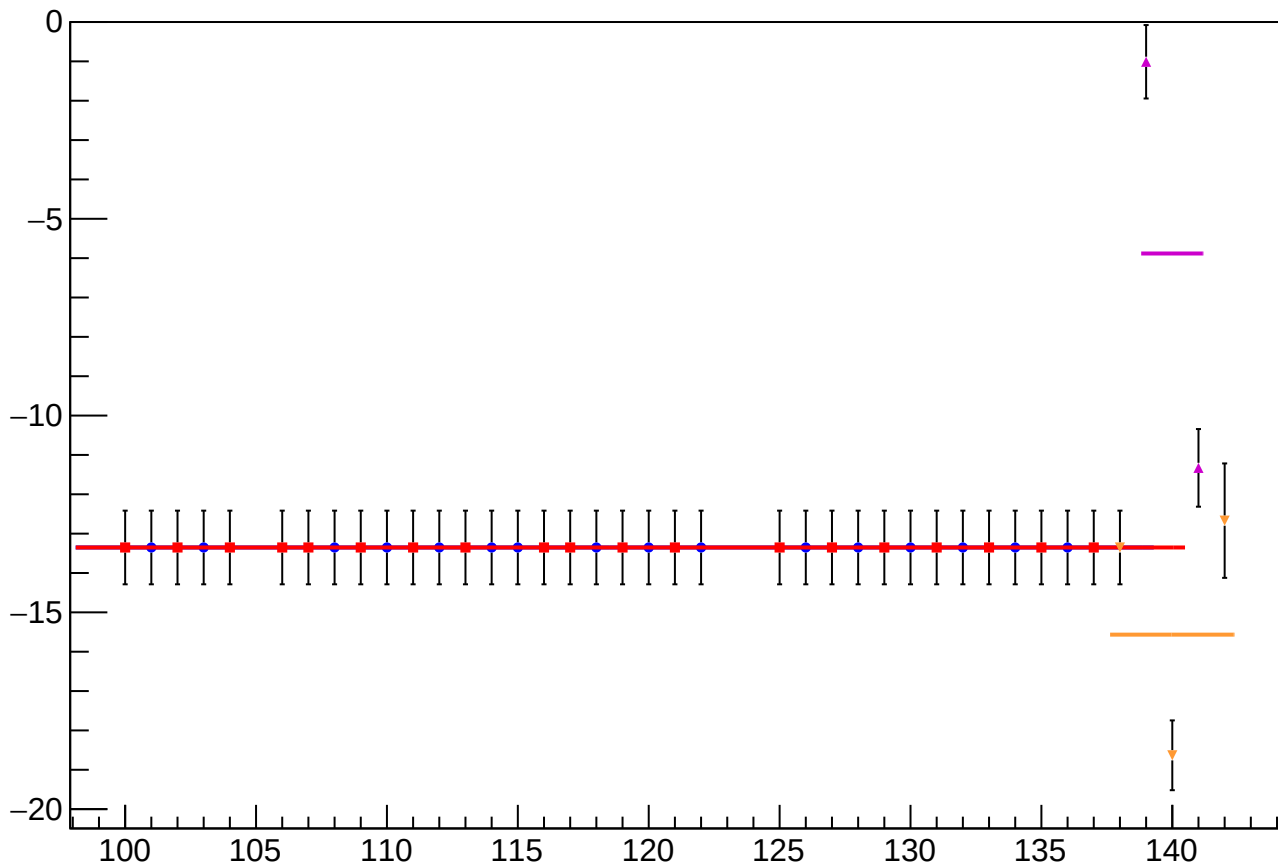
Right Out: -41.605 ± 0.029 $\chi^2/\text{NDF}: 61797.6/18$

Left In: -47.581 ± 0.048 $\chi^2/\text{NDF}: 5848.5/1$

-42.664 ± 0.024 $\chi^2/\text{NDF}: 67073.7/18$

-43.151 ± 0.025 $\chi^2/\text{NDF}: 78993.7/20$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: -13.352 $\pm$ 0.234 χ^2 /NDF: 0.0/15

Left Out: -15.566 $\pm$ 0.589 χ^2 /NDF: 21.5/2

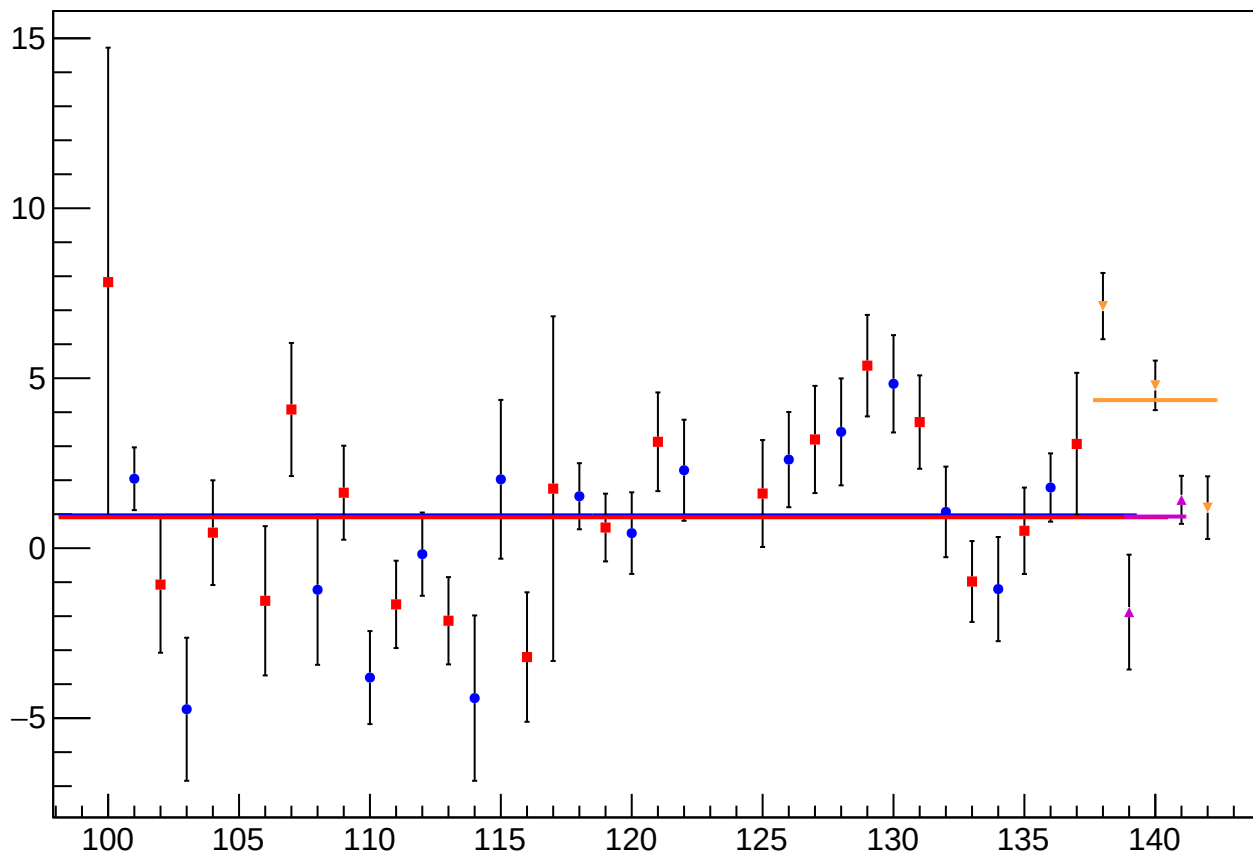
Right Out: -13.352 $\pm$ 0.215 χ^2 /NDF: 0.0/18

Left In: -5.882 $\pm$ 0.678 χ^2 /NDF: 57.7/1

-13.654 $\pm$ 0.217 χ^2 /NDF: 33.8/18

-12.671 $\pm$ 0.205 χ^2 /NDF: 168.1/20

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 4.357 ± 0.493 χ^2/NDF : 20.2/2

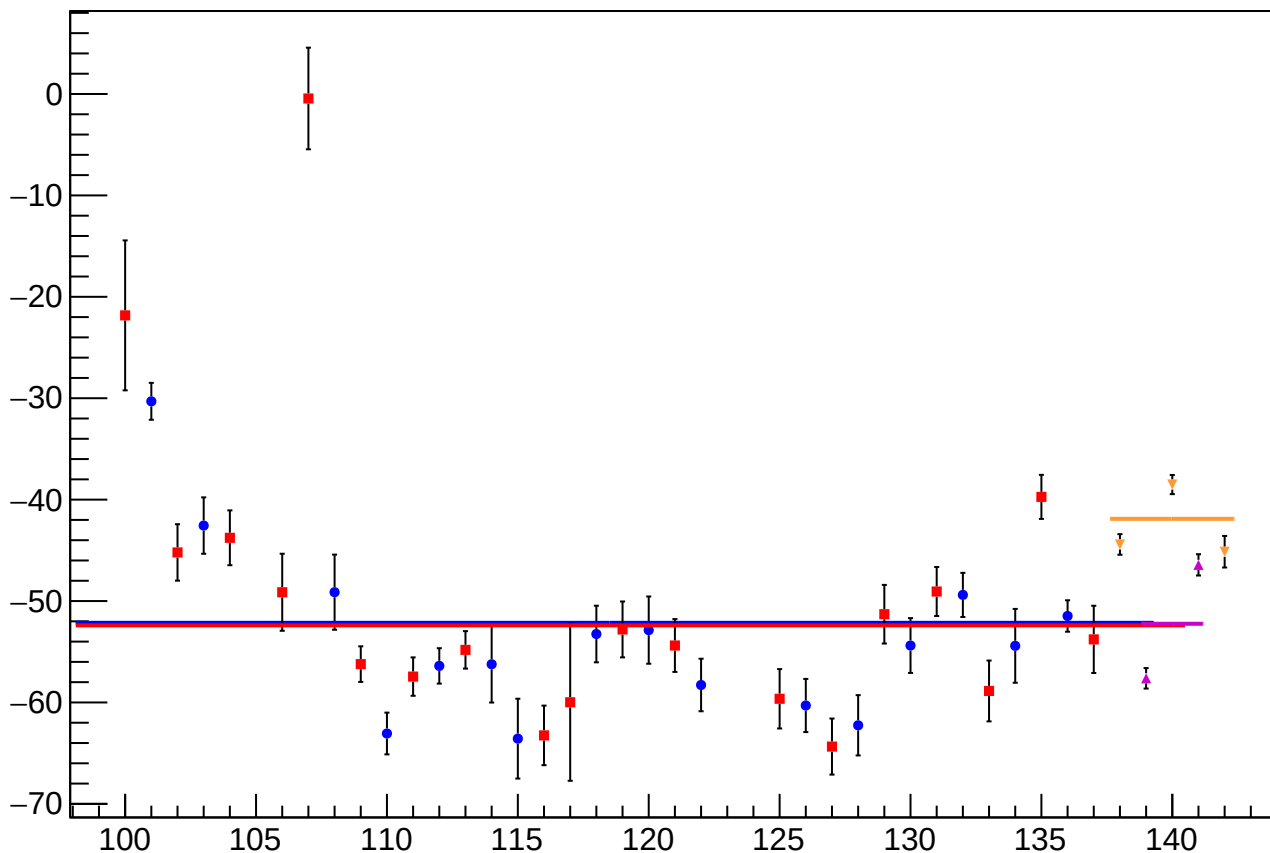
Right Out: 0.910 ± 0.353 χ^2/NDF : 42.0/18

Left In: 0.931 ± 0.652 χ^2/NDF : 3.3/1

2.050 ± 0.279 χ^2/NDF : 95.3/18

0.915 ± 0.310 χ^2/NDF : 45.3/20

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -41.893 ± 0.632 χ^2/NDF : 23.4/2

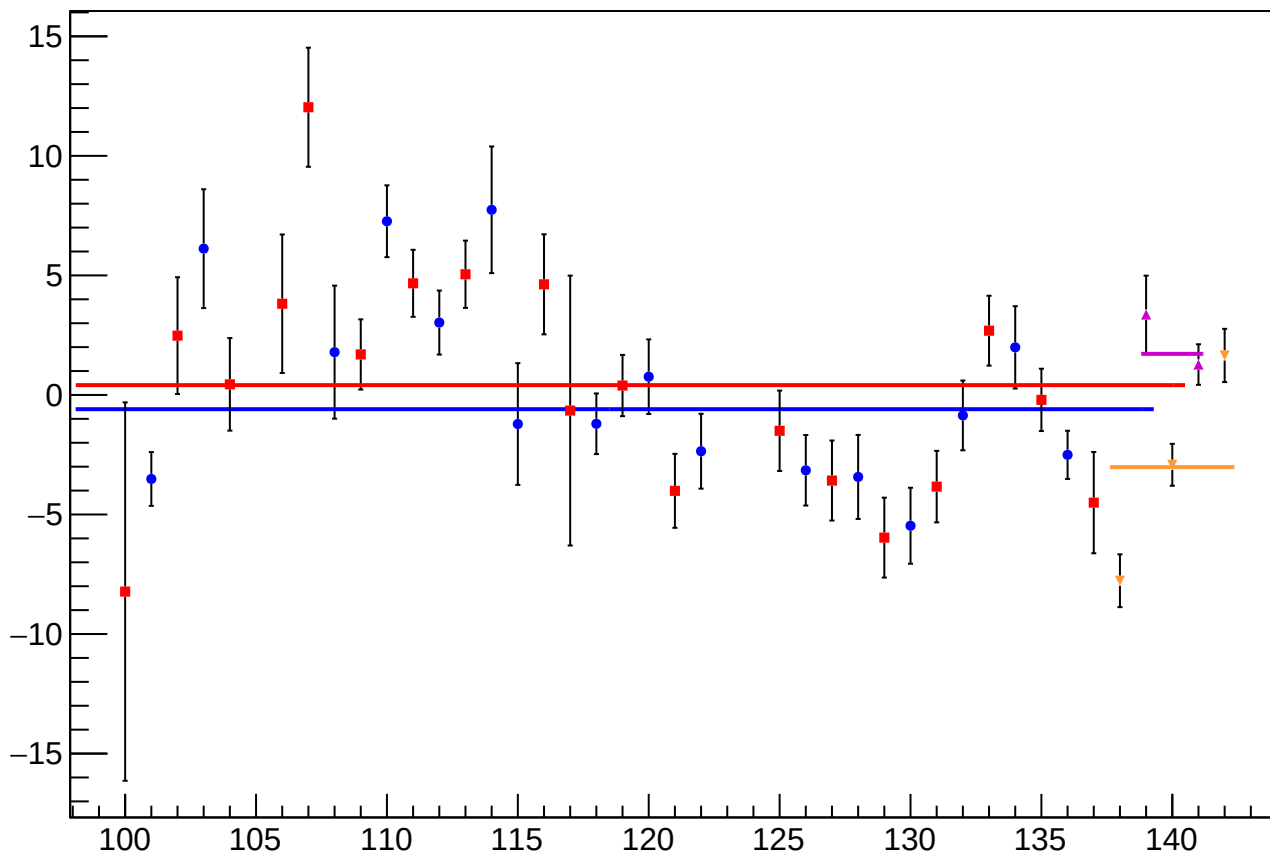
Right Out: -52.394 ± 0.614 χ^2/NDF : 236.7/18

Left In: -52.241 ± 0.728 χ^2/NDF : 59.0/1

-47.184 ± 0.440 χ^2/NDF : 389.5/18

-52.331 ± 0.469 χ^2/NDF : 295.7/20

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: -3.019 ± 0.584 χ^2/NDF : 36.1/2

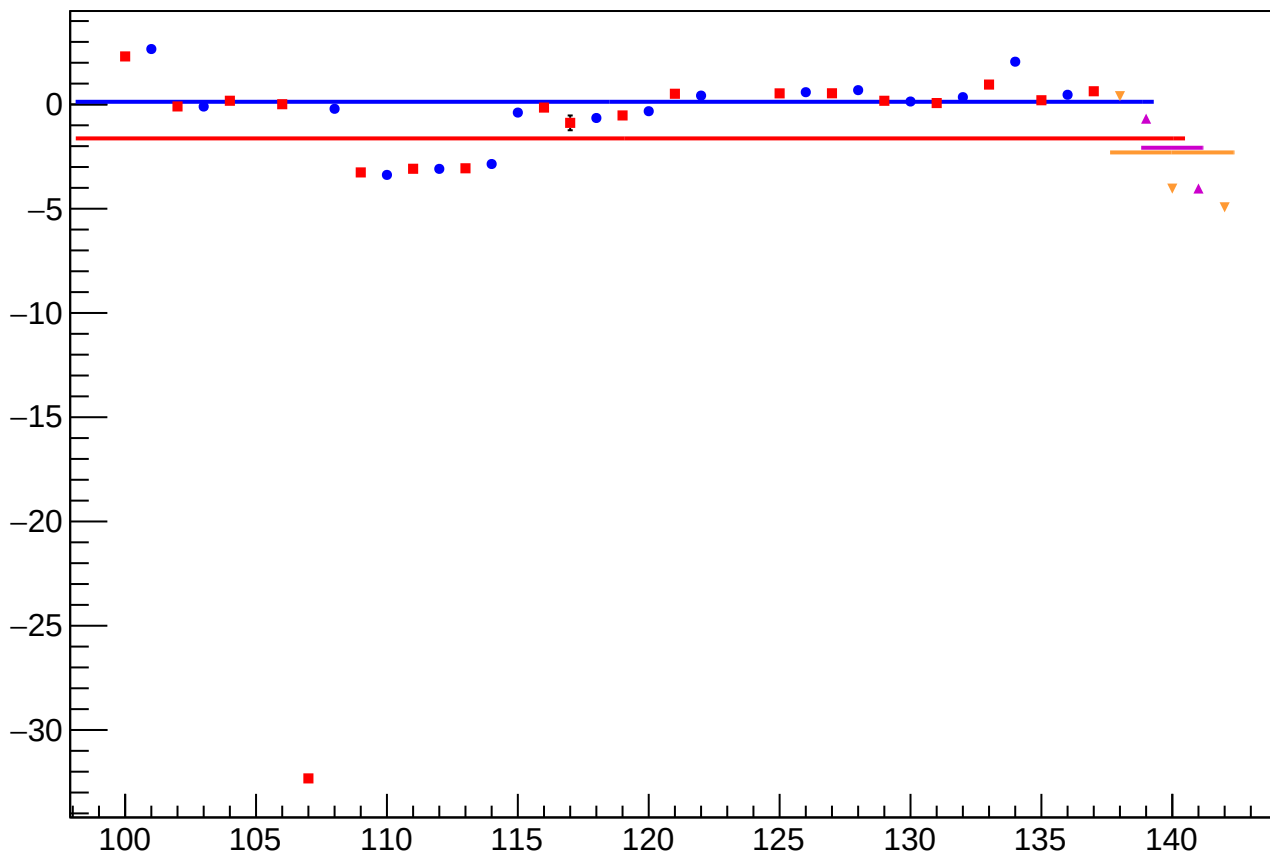
Right Out: 0.411 ± 0.399 χ^2/NDF : 95.8/18

Left In: 1.718 ± 0.752 χ^2/NDF : 1.3/1

-1.326 ± 0.321 χ^2/NDF : 130.7/18

0.698 ± 0.352 χ^2/NDF : 99.5/20

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -2.301 ± 0.026 $\chi^2/\text{NDF}: 8191.7/2$

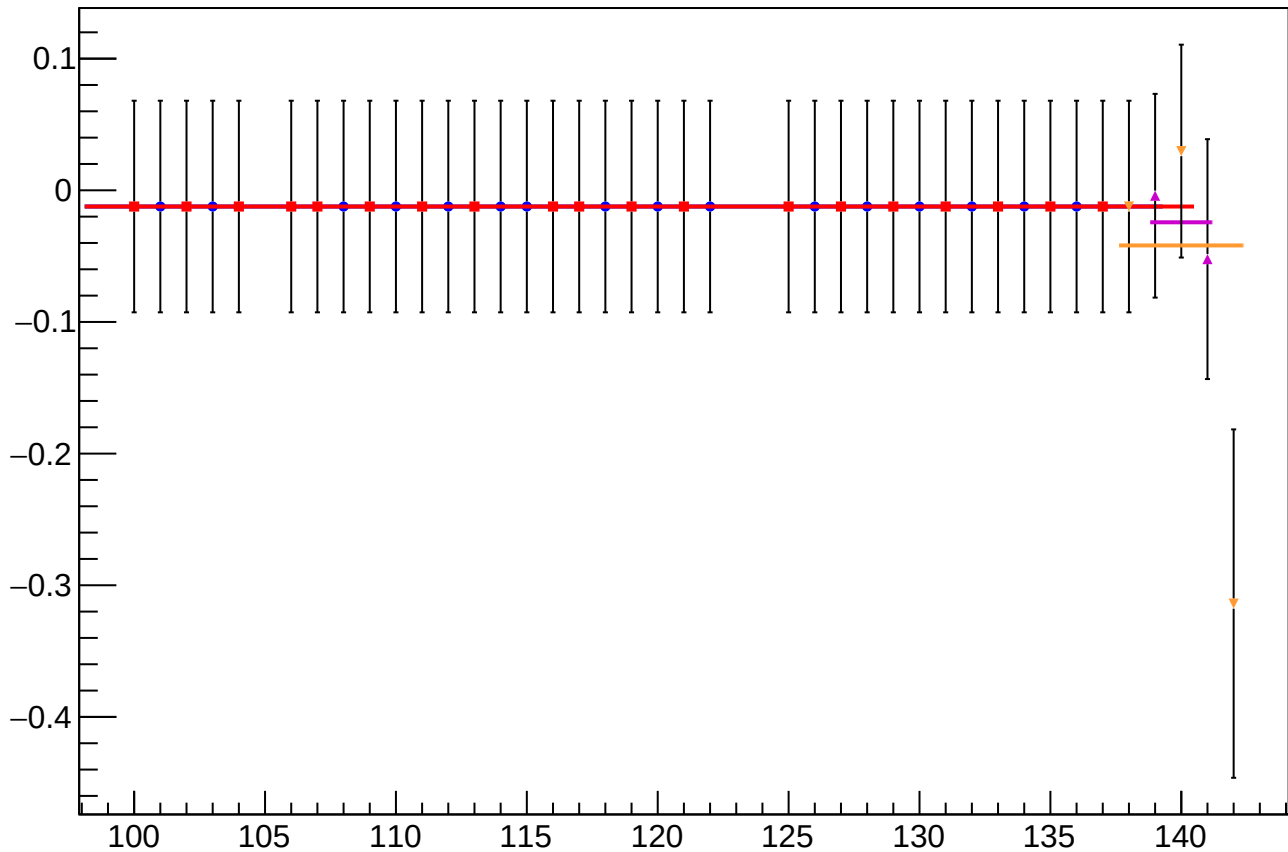
Right Out: -1.628 ± 0.022 $\chi^2/\text{NDF}: 77883.0/18$

Left In: -2.076 ± 0.027 $\chi^2/\text{NDF}: 3668.9/1$

-0.861 ± 0.017 $\chi^2/\text{NDF}: 18643.0/18$

-1.803 ± 0.017 $\chi^2/\text{NDF}: 81717.0/20$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: -0.012 $\pm$ 0.020 χ^2 /NDF: 0.0/15

Left Out: -0.042 $\pm$ 0.052 χ^2 /NDF: 5.1/2

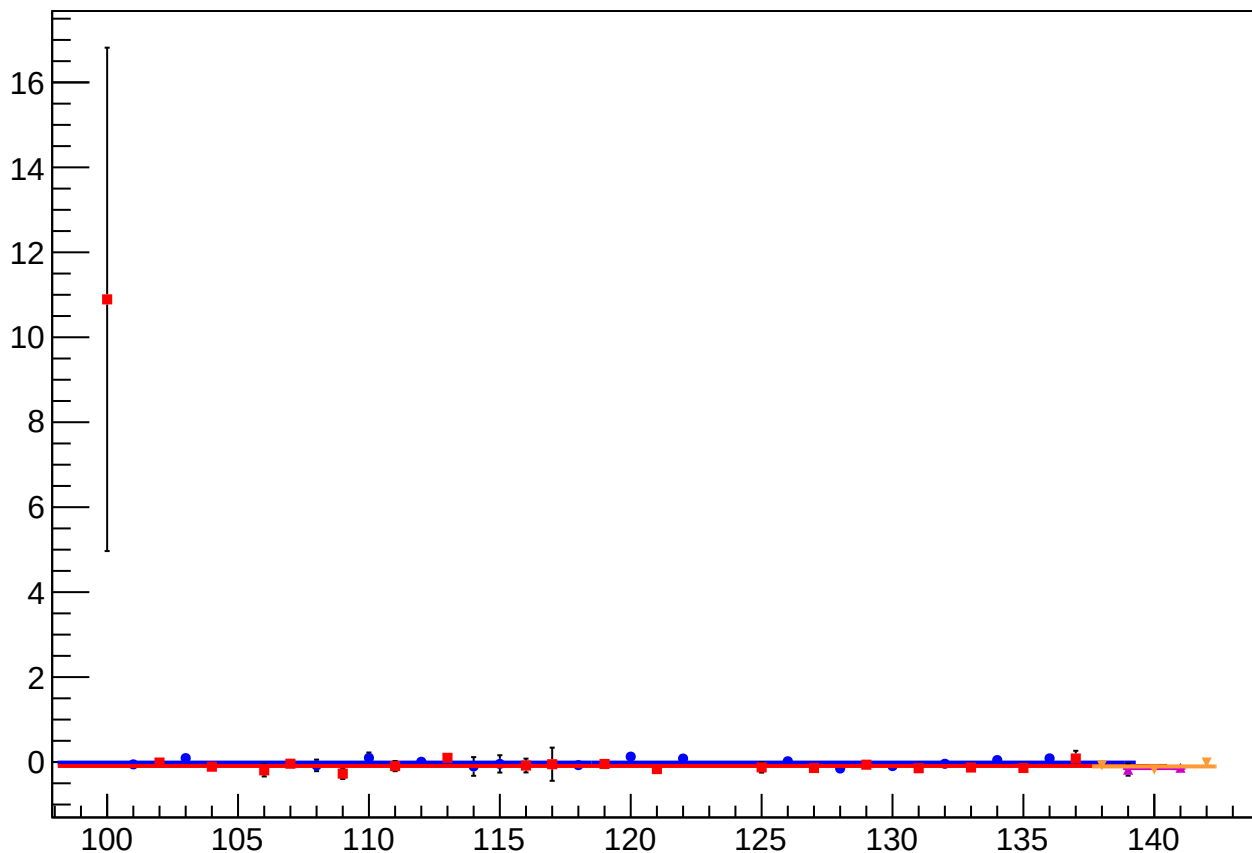
Right Out: -0.012 $\pm$ 0.018 χ^2 /NDF: 0.0/18

Left In: -0.024 $\pm$ 0.059 χ^2 /NDF: 0.2/1

-0.016 $\pm$ 0.019 χ^2 /NDF: 5.4/18

-0.013 $\pm$ 0.018 χ^2 /NDF: 0.2/20

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 12.2/15

Left Out: -0.103 $\pm$ 0.045 χ^2 /NDF: 2.5/2

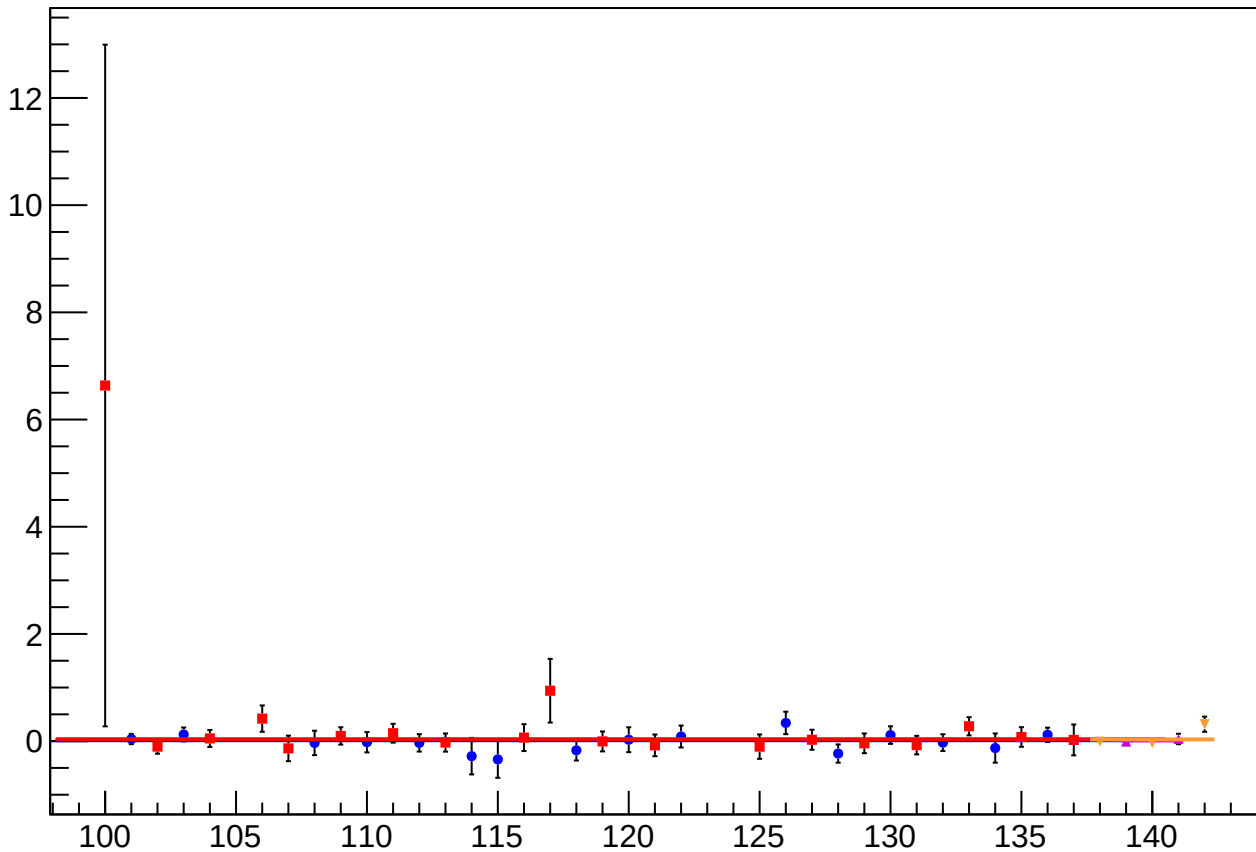
Right Out: -0.092 $\pm$ 0.025 χ^2 /NDF: 12.7/18

Left In: -0.142 $\pm$ 0.059 χ^2 /NDF: 0.1/1

-0.032 $\pm$ 0.021 χ^2 /NDF: 17.9/18

-0.099 $\pm$ 0.023 χ^2 /NDF: 13.4/20

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 $\pm$ 0.043 χ^2 /NDF: 9.6/15

Left Out: 0.032 $\pm$ 0.056 χ^2 /NDF: 4.8/2

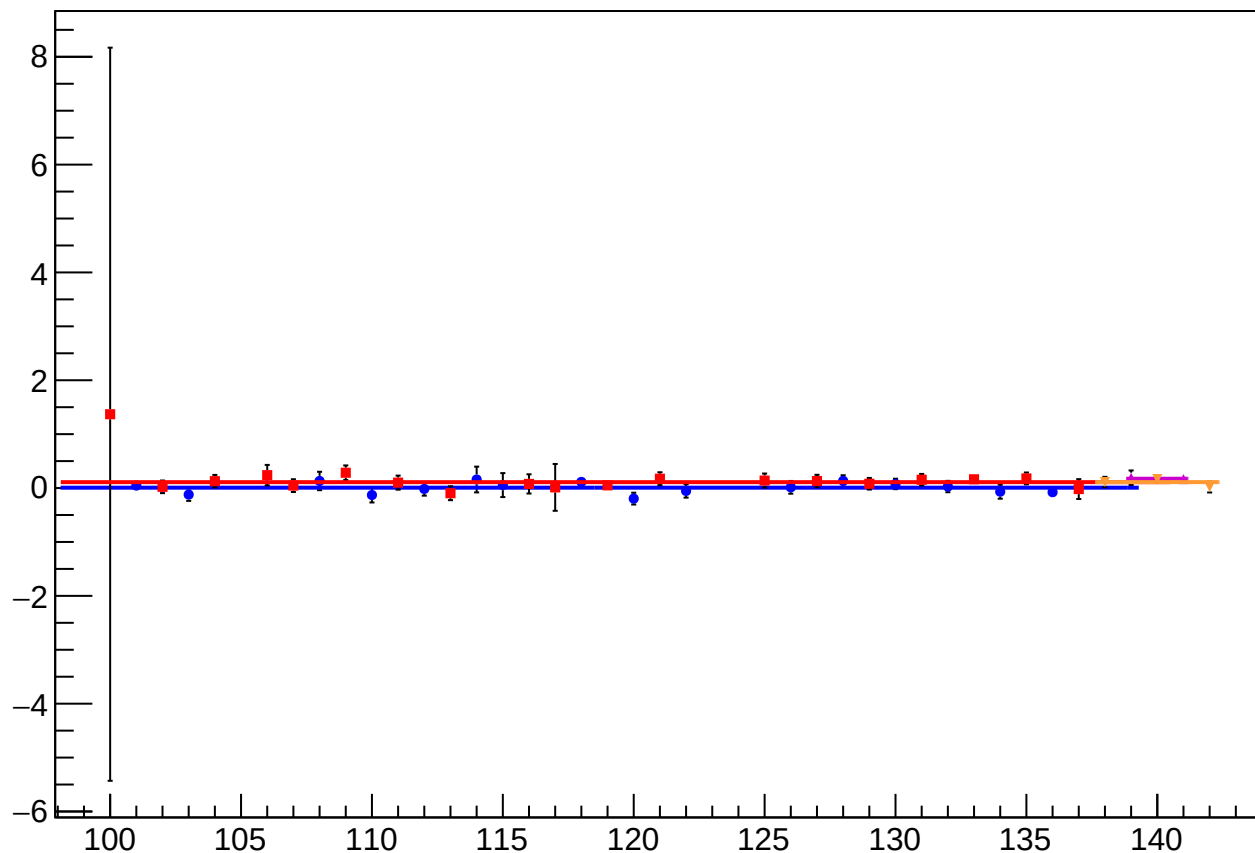
Right Out: 0.035 $\pm$ 0.045 χ^2 /NDF: 11.5/18

Left In: 0.013 $\pm$ 0.063 χ^2 /NDF: 0.1/1

0.023 $\pm$ 0.034 χ^2 /NDF: 14.5/18

0.027 $\pm$ 0.037 χ^2 /NDF: 11.8/20

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.110 $\pm$ 0.053 χ^2 /NDF: 1.3/2

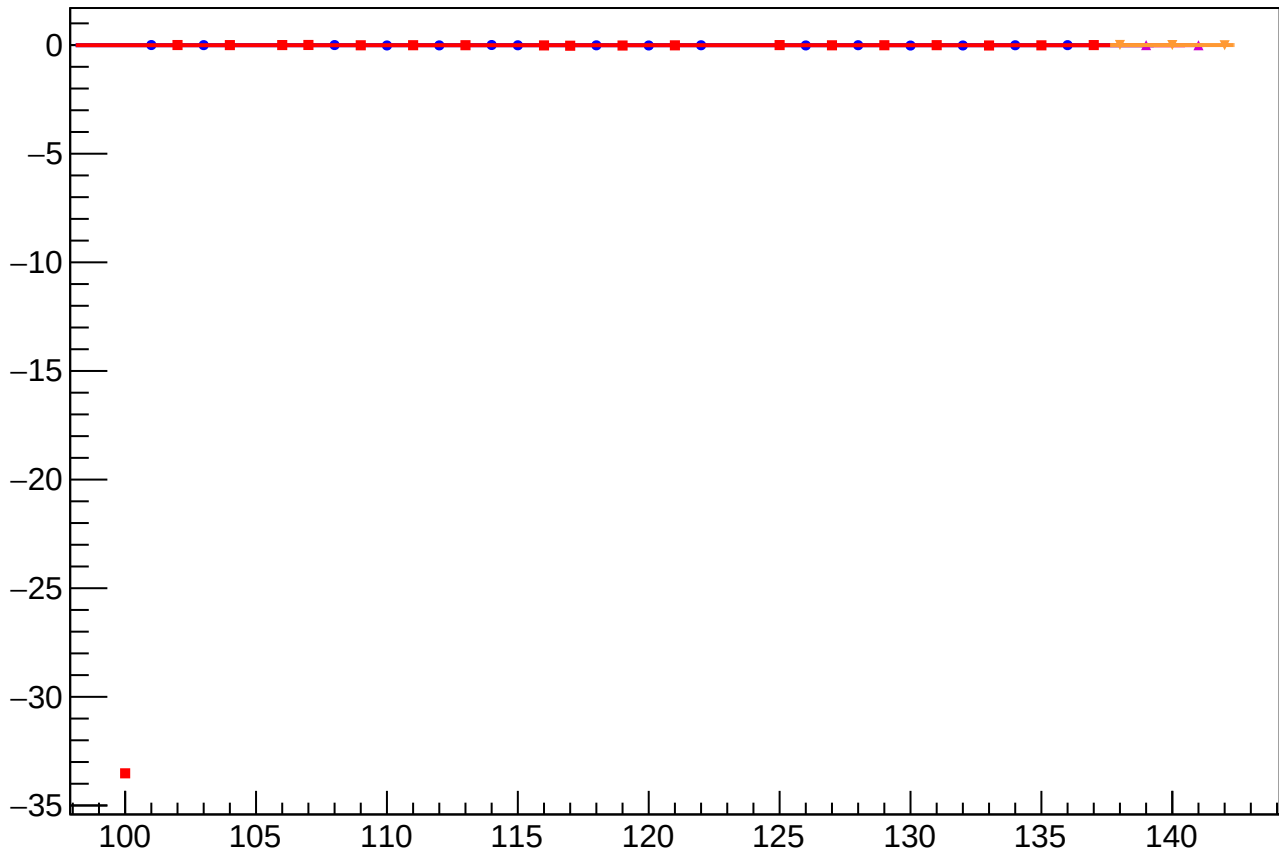
Right Out: 0.109 $\pm$ 0.029 χ^2 /NDF: 8.0/18

Left In: 0.173 $\pm$ 0.068 χ^2 /NDF: 0.0/1

0.028 $\pm$ 0.024 χ^2 /NDF: 16.5/18

0.119 $\pm$ 0.026 χ^2 /NDF: 8.8/20

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 4.0/2

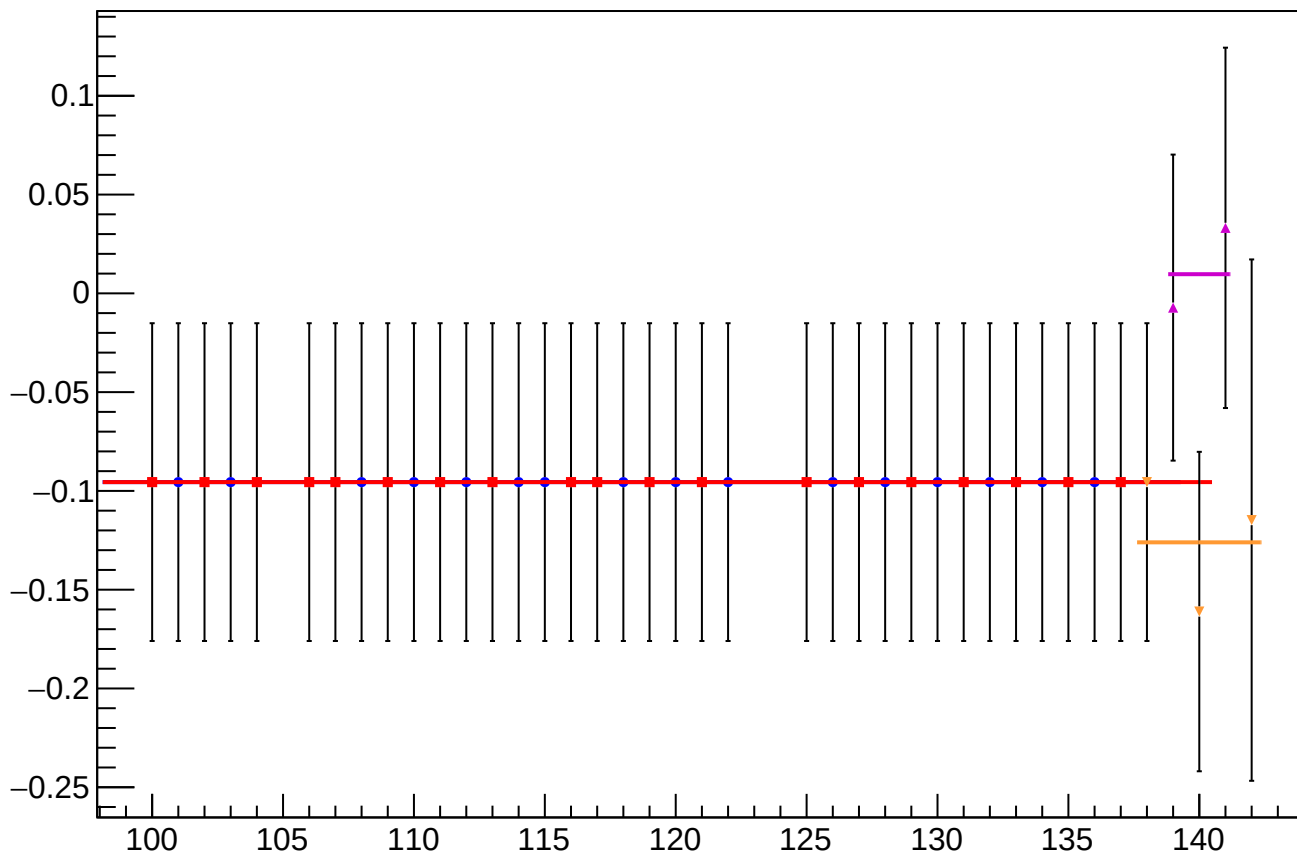
Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26509.7/18

Left In: -0.003 $\pm$ 0.002 χ^2 /NDF: 1.6/1

-0.004 $\pm$ 0.001 χ^2 /NDF: 32.8/18

-0.005 $\pm$ 0.001 χ^2 /NDF: 26512.2/20

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.096 ± 0.020 $\chi^2/\text{NDF}: 0.0/15$

Left Out: -0.126 ± 0.052 $\chi^2/\text{NDF}: 0.3/2$

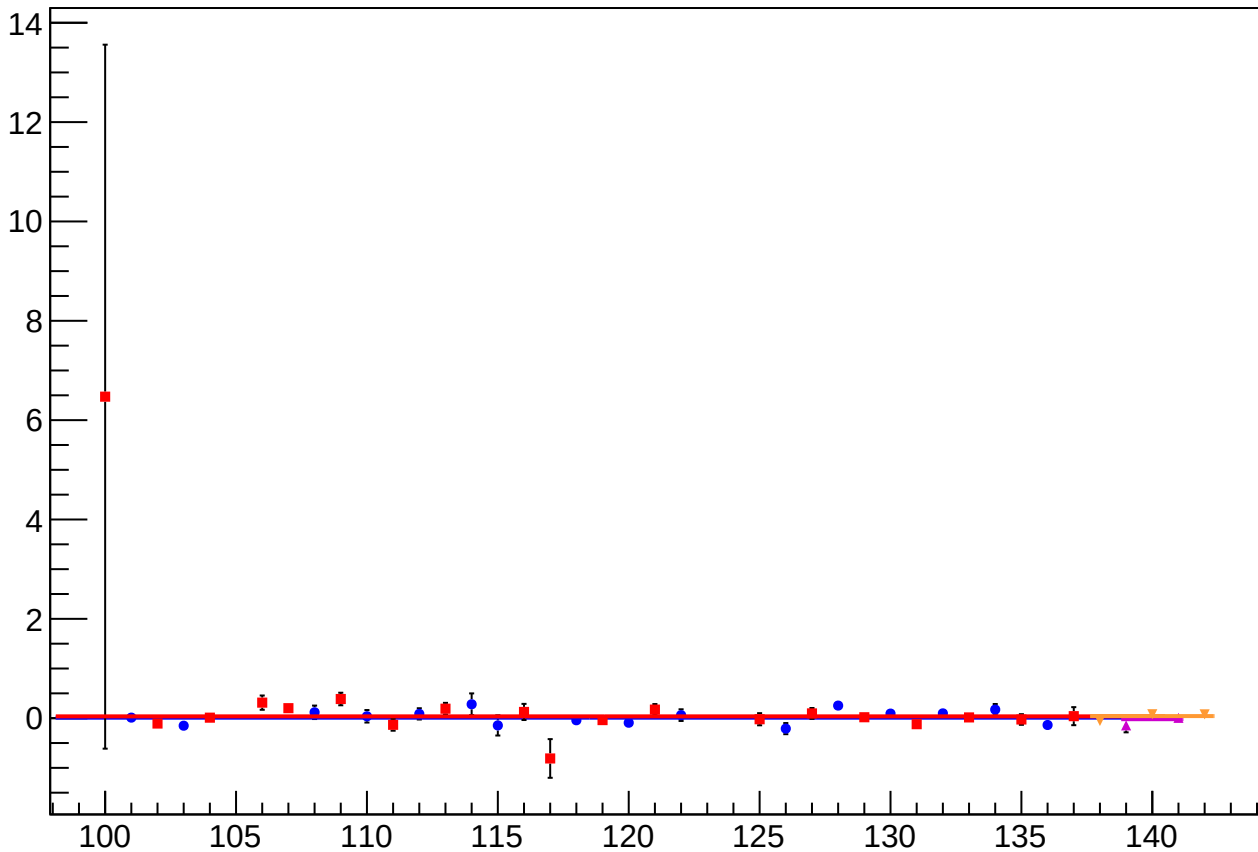
Right Out: -0.096 ± 0.018 $\chi^2/\text{NDF}: 0.0/18$

Left In: 0.010 ± 0.059 $\chi^2/\text{NDF}: 0.1/1$

-0.099 ± 0.019 $\chi^2/\text{NDF}: 0.6/18$

-0.086 ± 0.018 $\chi^2/\text{NDF}: 3.0/20$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: 0.042 ± 0.045 χ^2/NDF : 1.8/2

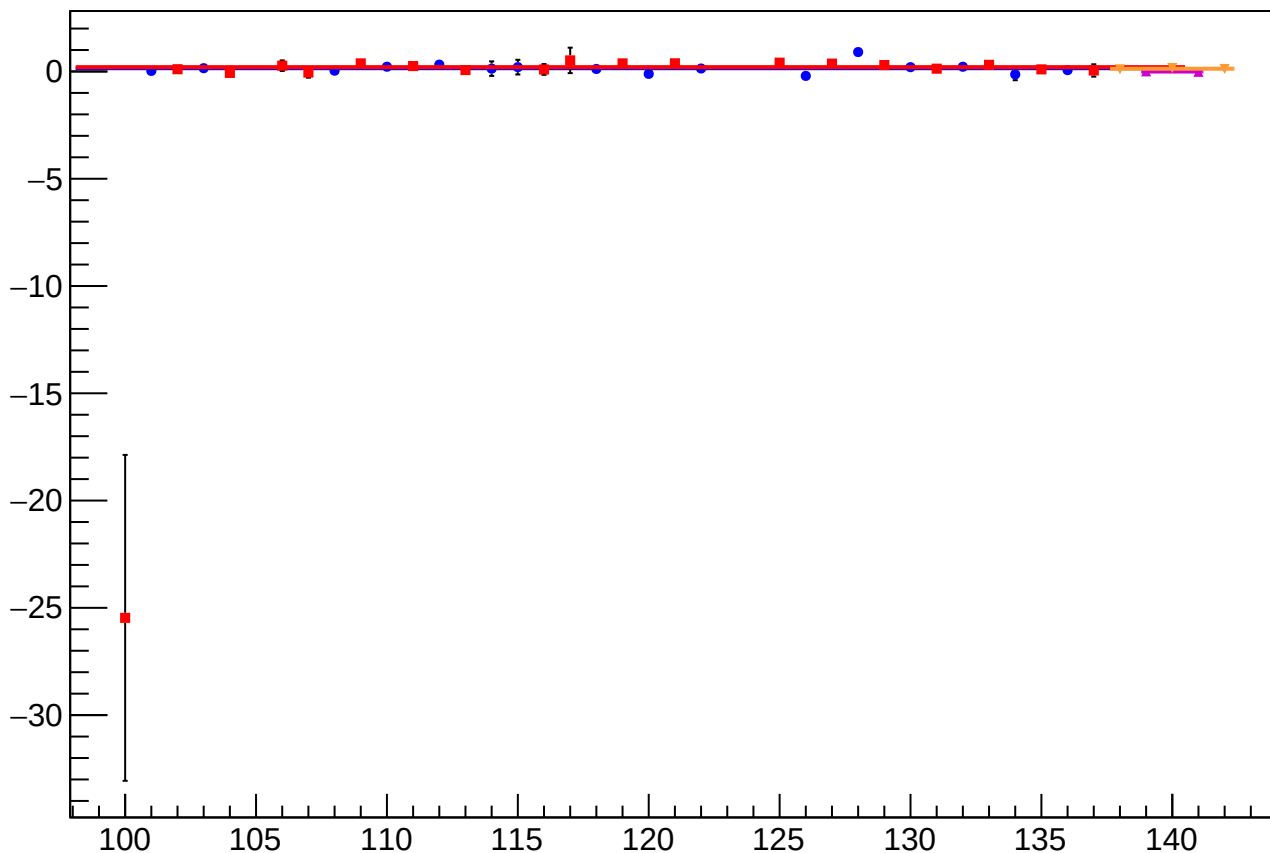
Right Out: 0.037 ± 0.025 χ^2/NDF : 32.7/18

Left In: -0.020 ± 0.059 χ^2/NDF : 1.0/1

0.017 ± 0.021 χ^2/NDF : 27.6/18

0.028 ± 0.023 χ^2/NDF : 34.4/20

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152+/-0.043 χ^2/NDF : 28.7/15

Left Out: 0.129+/-0.056 χ^2/NDF : 0.3/2

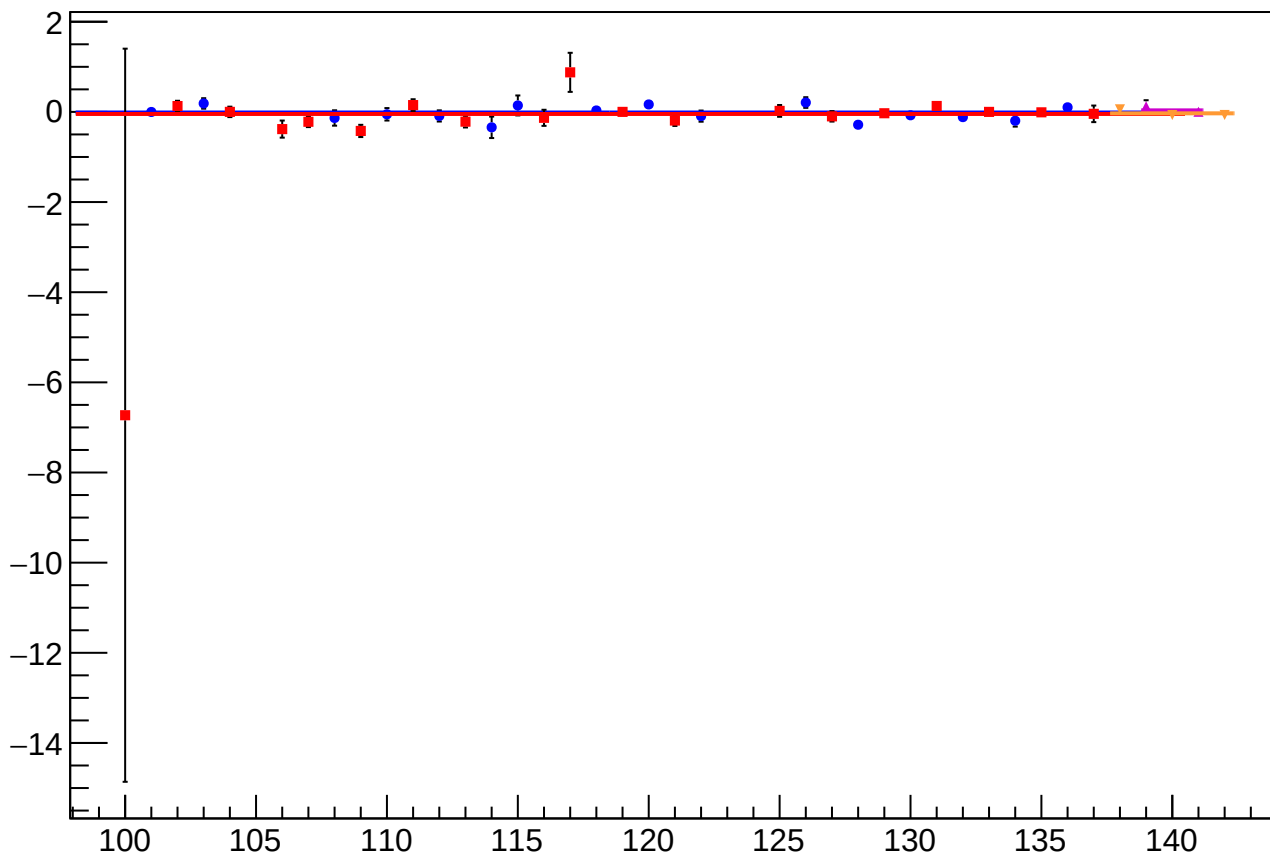
Right Out: 0.202+/-0.045 χ^2/NDF : 23.2/18

Left In: -0.003+/-0.063 χ^2/NDF : 0.0/1

0.143+/-0.034 χ^2/NDF : 29.1/18

0.134+/-0.037 χ^2/NDF : 30.2/20

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: -0.032 ± 0.053 χ^2/NDF : 1.2/2

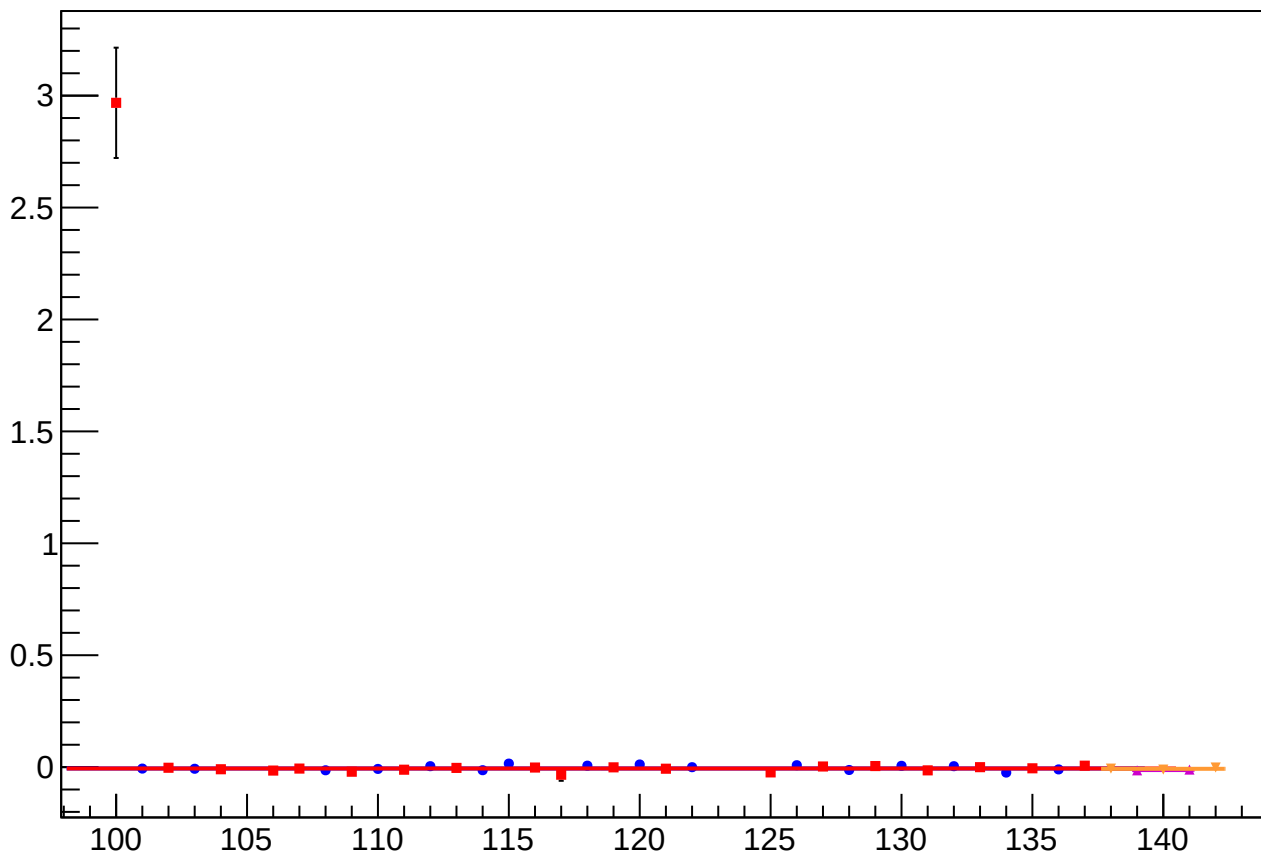
Right Out: -0.046 ± 0.029 χ^2/NDF : 30.3/18

Left In: 0.034 ± 0.068 χ^2/NDF : 0.6/1

-0.017 ± 0.024 χ^2/NDF : 26.4/18

-0.034 ± 0.026 χ^2/NDF : 32.1/20

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

-0.006 ± 0.001 χ^2/NDF : 31.3/18

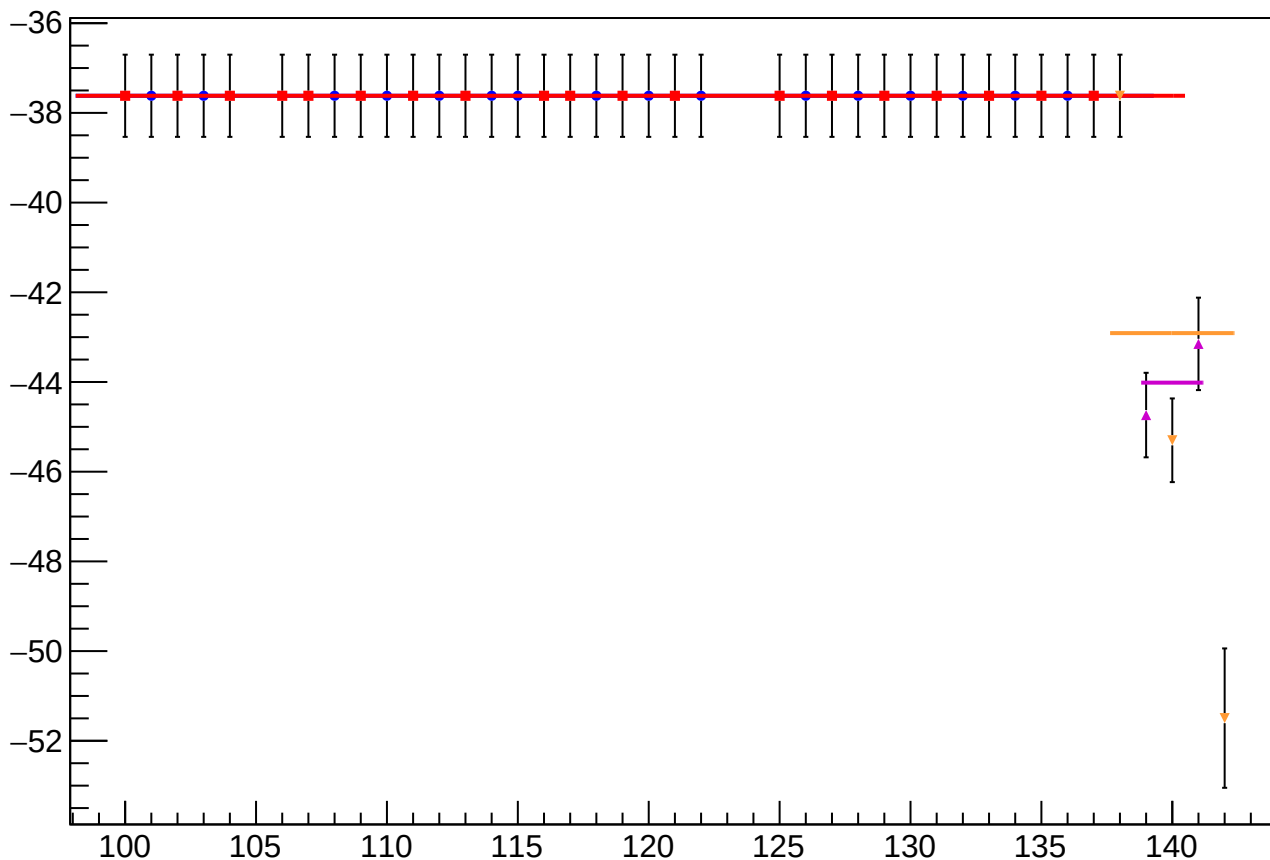
Left Out: -0.008 ± 0.002 χ^2/NDF : 2.0/2

Right Out: -0.006 ± 0.001 χ^2/NDF : 166.9/18

-0.008 ± 0.001 χ^2/NDF : 173.7/20

Left In: -0.013 ± 0.002 χ^2/NDF : 0.5/1

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -37.618 ± 0.229 χ^2/NDF : 0.0/15

Left Out: -42.910 ± 0.603 χ^2/NDF : 70.4/2

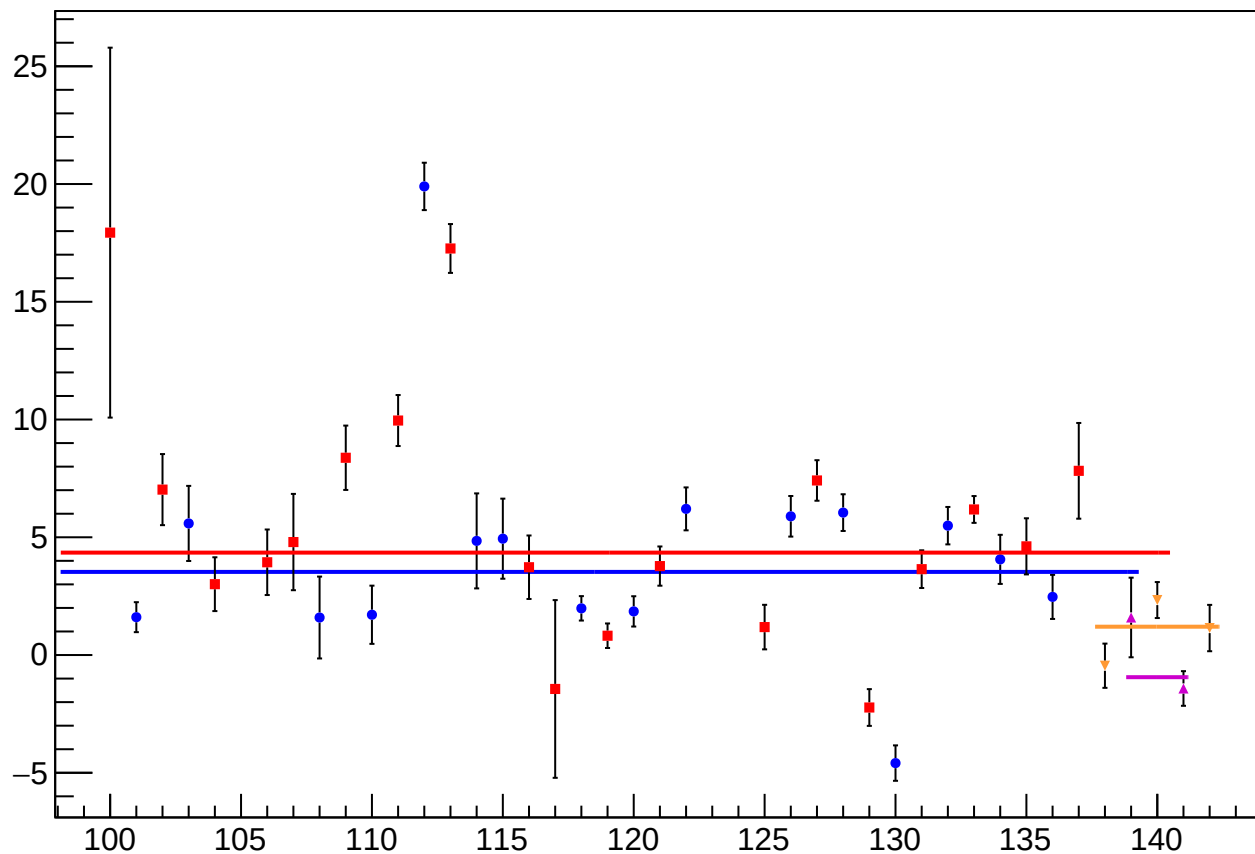
Right Out: -37.618 ± 0.210 χ^2/NDF : 0.0/18

Left In: -44.015 ± 0.695 χ^2/NDF : 1.3/1

-38.287 ± 0.214 χ^2/NDF : 137.8/18

-38.154 ± 0.201 χ^2/NDF : 78.8/20

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.203 ± 0.508 $\chi^2/\text{NDF}: 5.3/2$

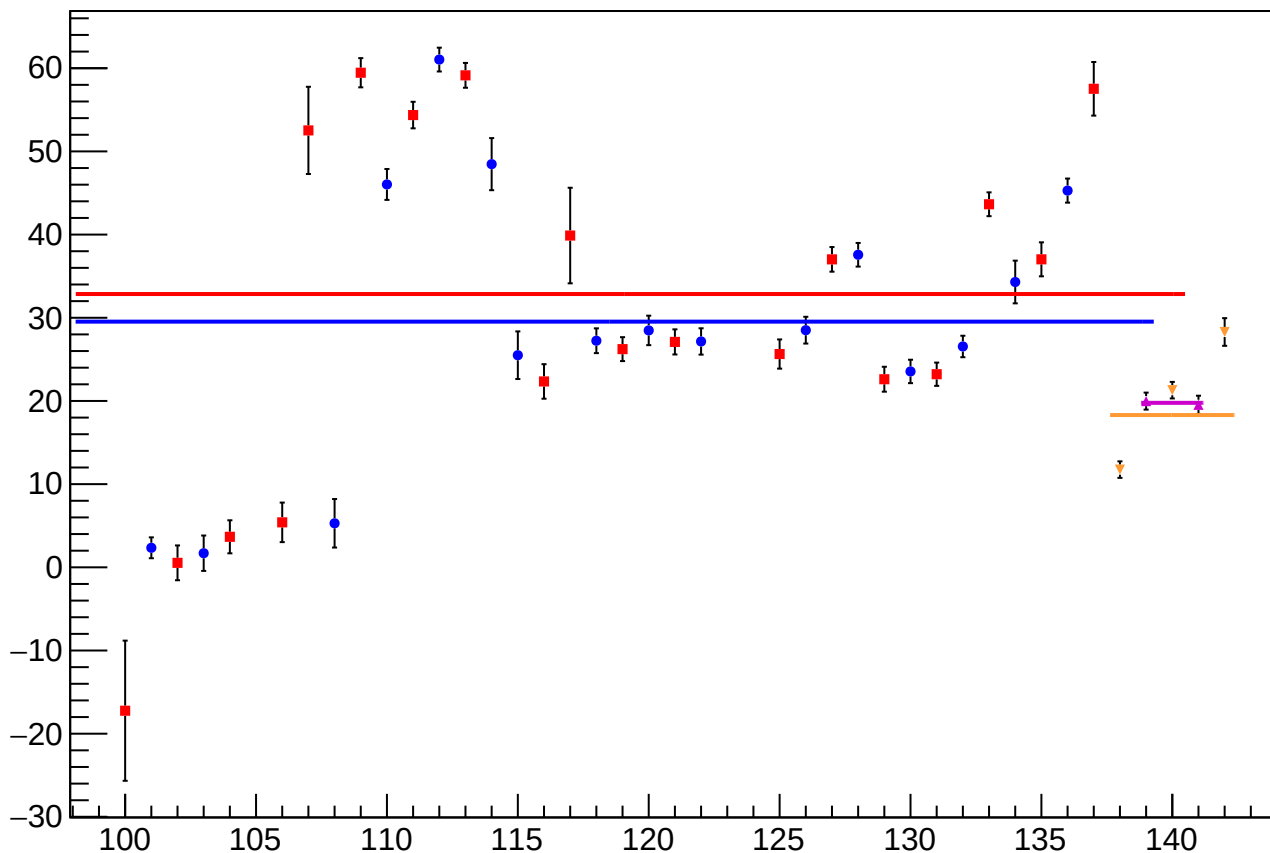
Right Out: 4.349 ± 0.225 $\chi^2/\text{NDF}: 356.2/18$

Left In: -0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

3.169 ± 0.200 $\chi^2/\text{NDF}: 469.6/18$

3.819 ± 0.213 $\chi^2/\text{NDF}: 414.2/20$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2/NDF : 1494.9/15

Left Out: 18.305 $\pm$ 0.647 χ^2/NDF : 88.7/2

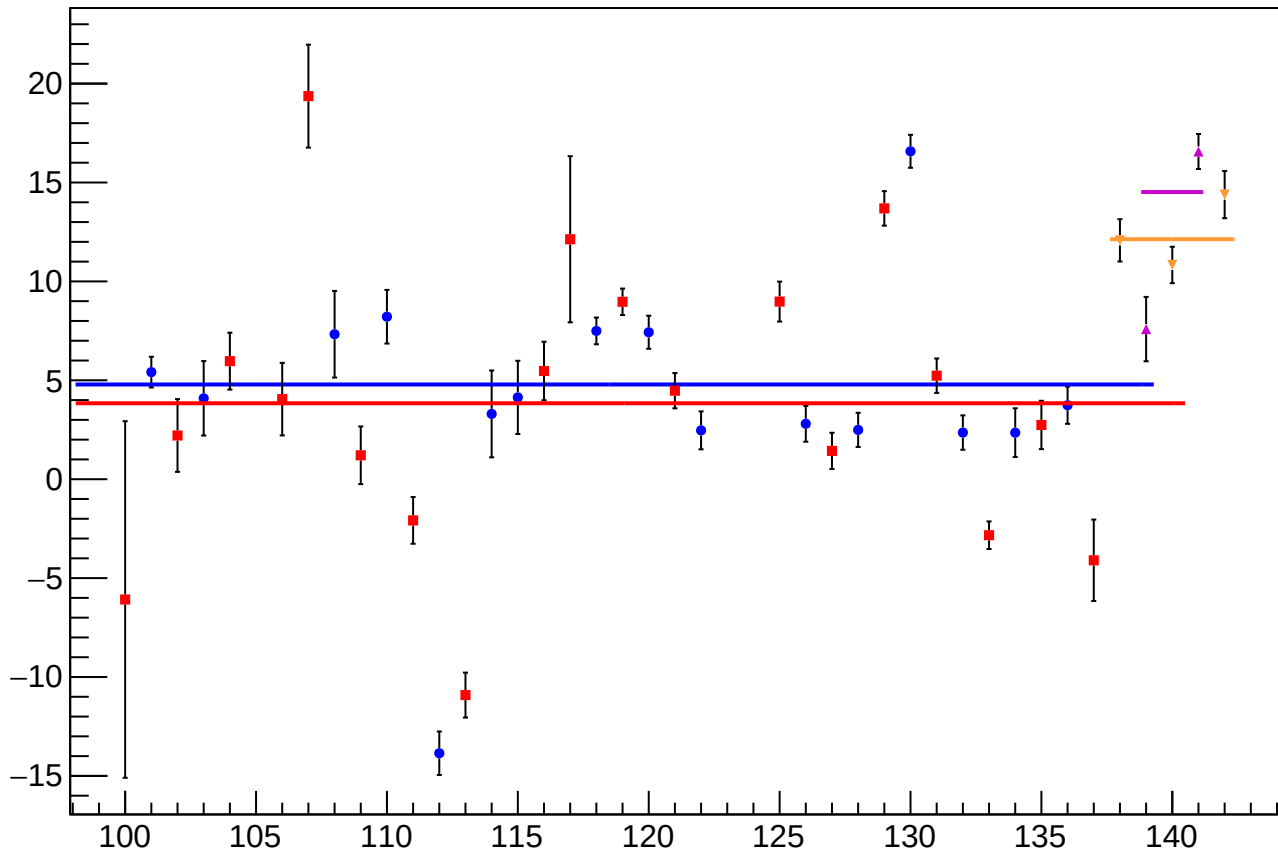
Right Out: 32.854 $\pm$ 0.422 χ^2/NDF : 1660.8/18

Left In: 19.774 $\pm$ 0.747 χ^2/NDF : 0.1/1

26.243 $\pm$ 0.350 χ^2/NDF : 1796.4/18

29.693 $\pm$ 0.367 χ^2/NDF : 1893.4/20

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 12.135 ± 0.602 $\chi^2/\text{NDF}: 5.6/2$

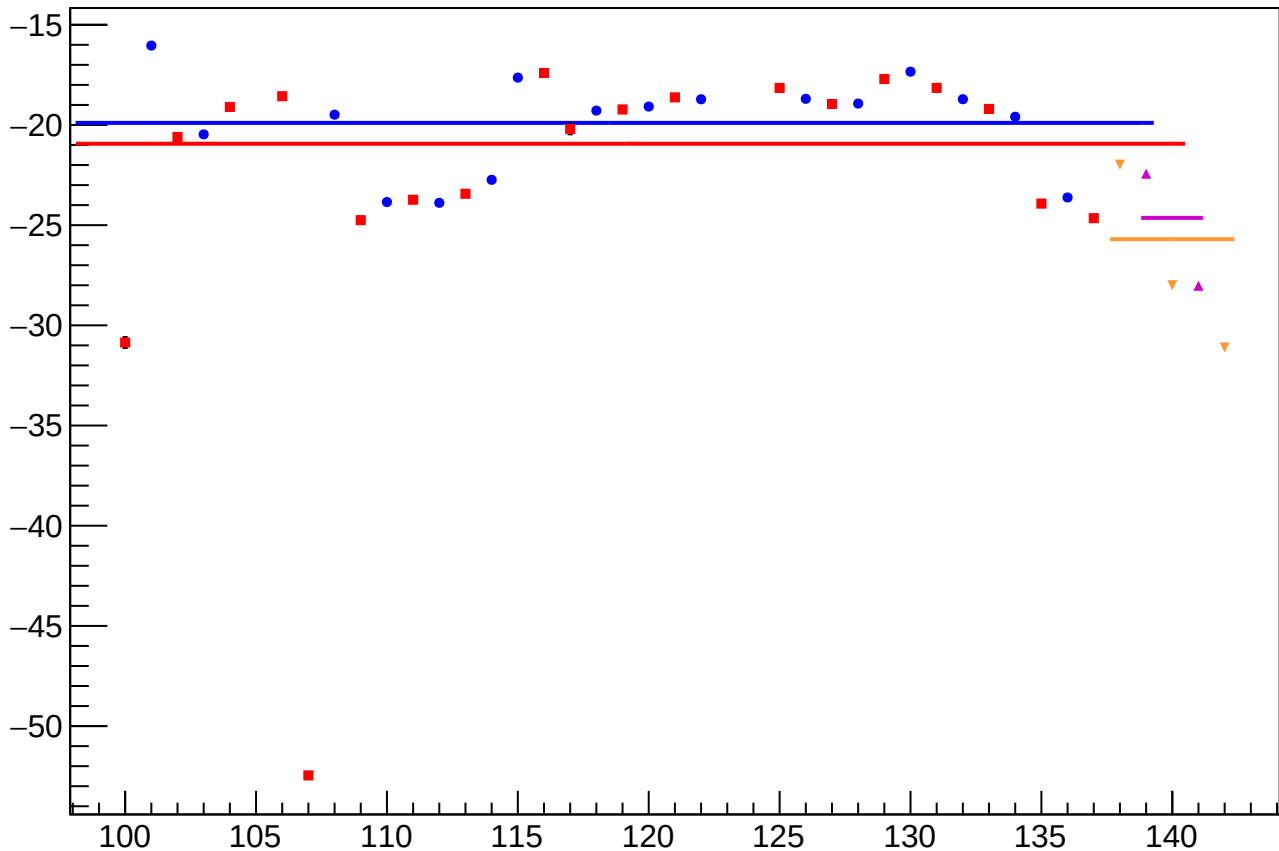
Right Out: 3.840 ± 0.258 $\chi^2/\text{NDF}: 571.5/18$

Left In: 14.518 ± 0.777 $\chi^2/\text{NDF}: 23.5/1$

5.877 ± 0.232 $\chi^2/\text{NDF}: 686.2/18$

4.903 ± 0.245 $\chi^2/\text{NDF}: 765.0/20$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -25.700 ± 0.027 χ^2/NDF : 18412.0/2

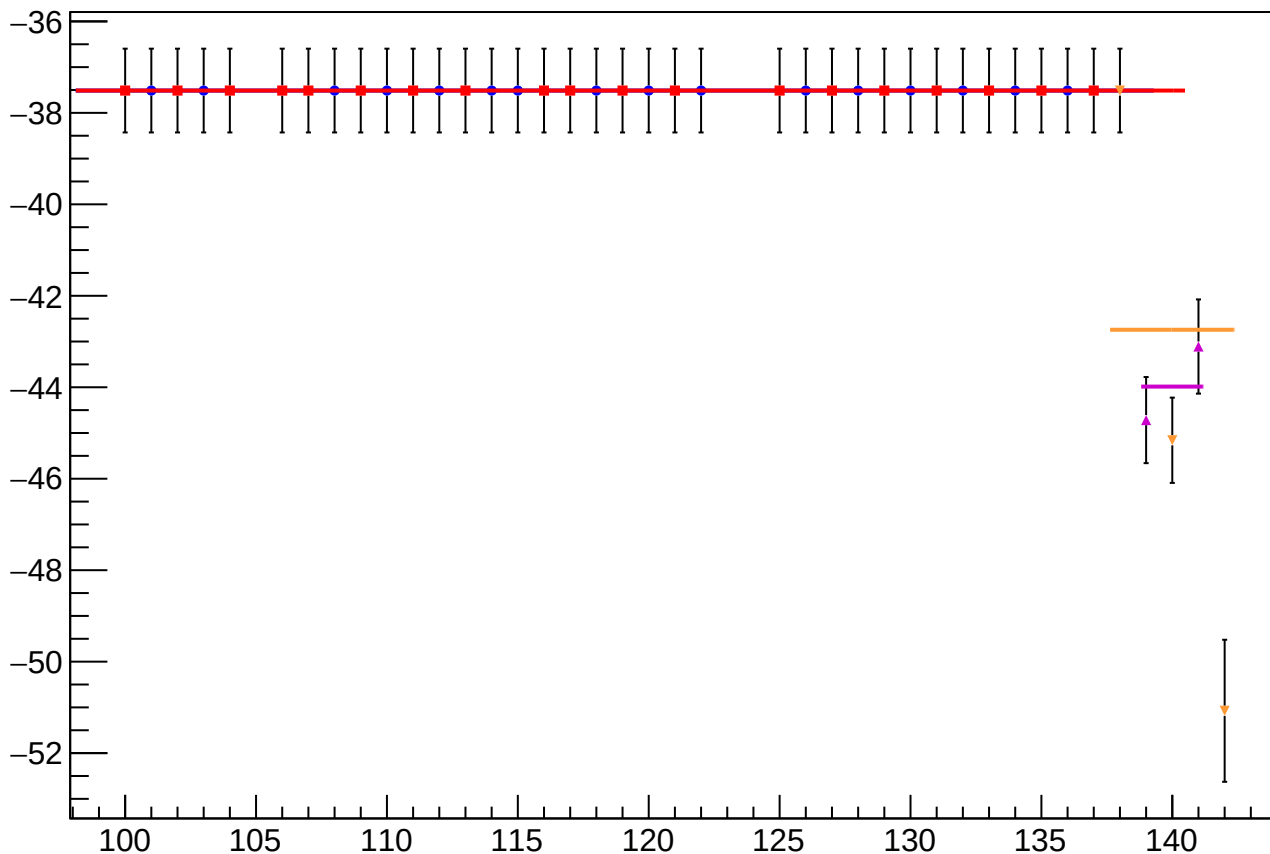
Right Out: -20.936 ± 0.016 χ^2/NDF : 94073.0/18

Left In: -24.637 ± 0.028 χ^2/NDF : 9648.3/1

-21.374 ± 0.013 χ^2/NDF : 79900.5/18

-21.827 ± 0.014 χ^2/NDF : 117140.7/20

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -37.512 $\pm$ 0.229 χ^2 /NDF: 0.0/15

Left Out: -42.742 $\pm$ 0.602 χ^2 /NDF:68.1/2

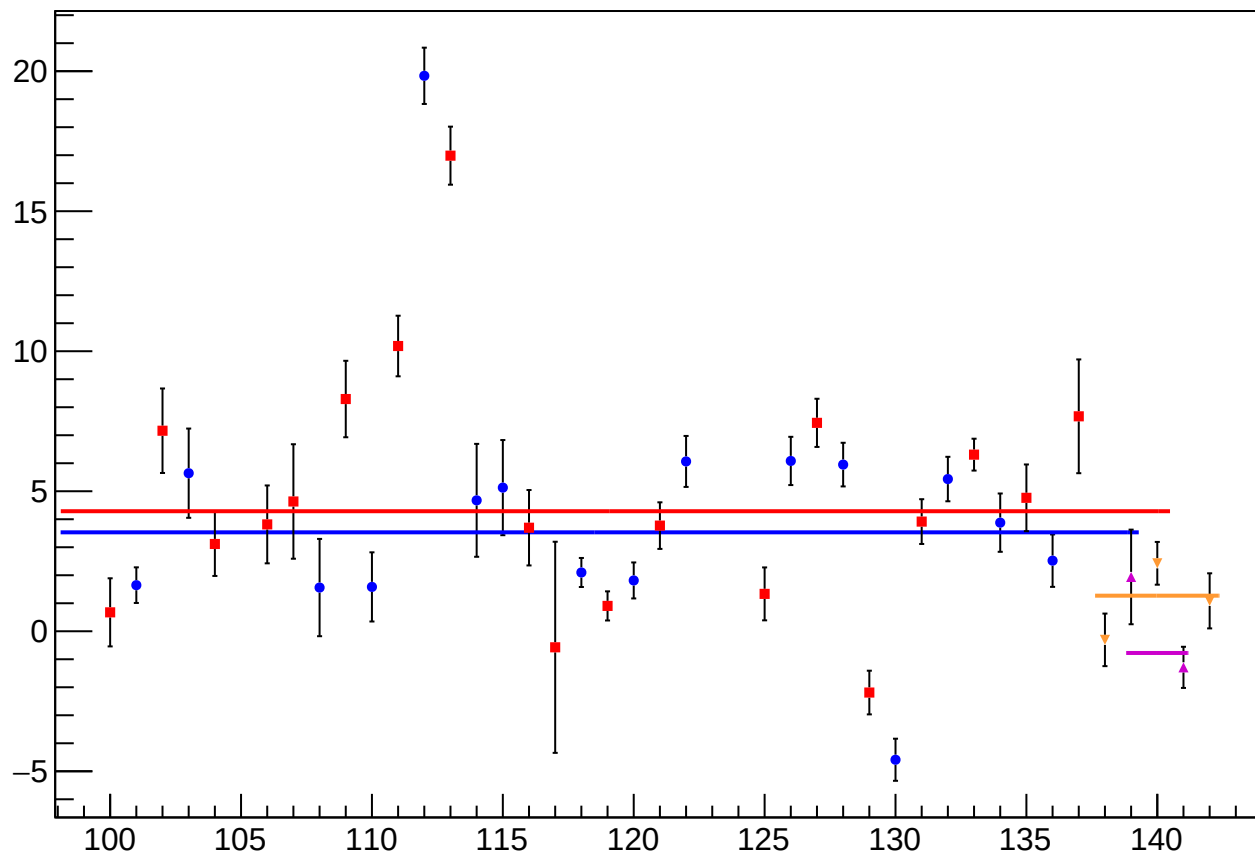
Right Out: -37.512 $\pm$ 0.210 χ^2 /NDF: 0.0/18

Left In: -43.985 $\pm$ 0.695 χ^2 /NDF:1.3/1

-38.173 $\pm$ 0.214 χ^2 /NDF: 134.0/18

-38.055 $\pm$ 0.201 χ^2 /NDF: 80.8/20

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.270 ± 0.507 $\chi^2/\text{NDF}: 5.2/2$

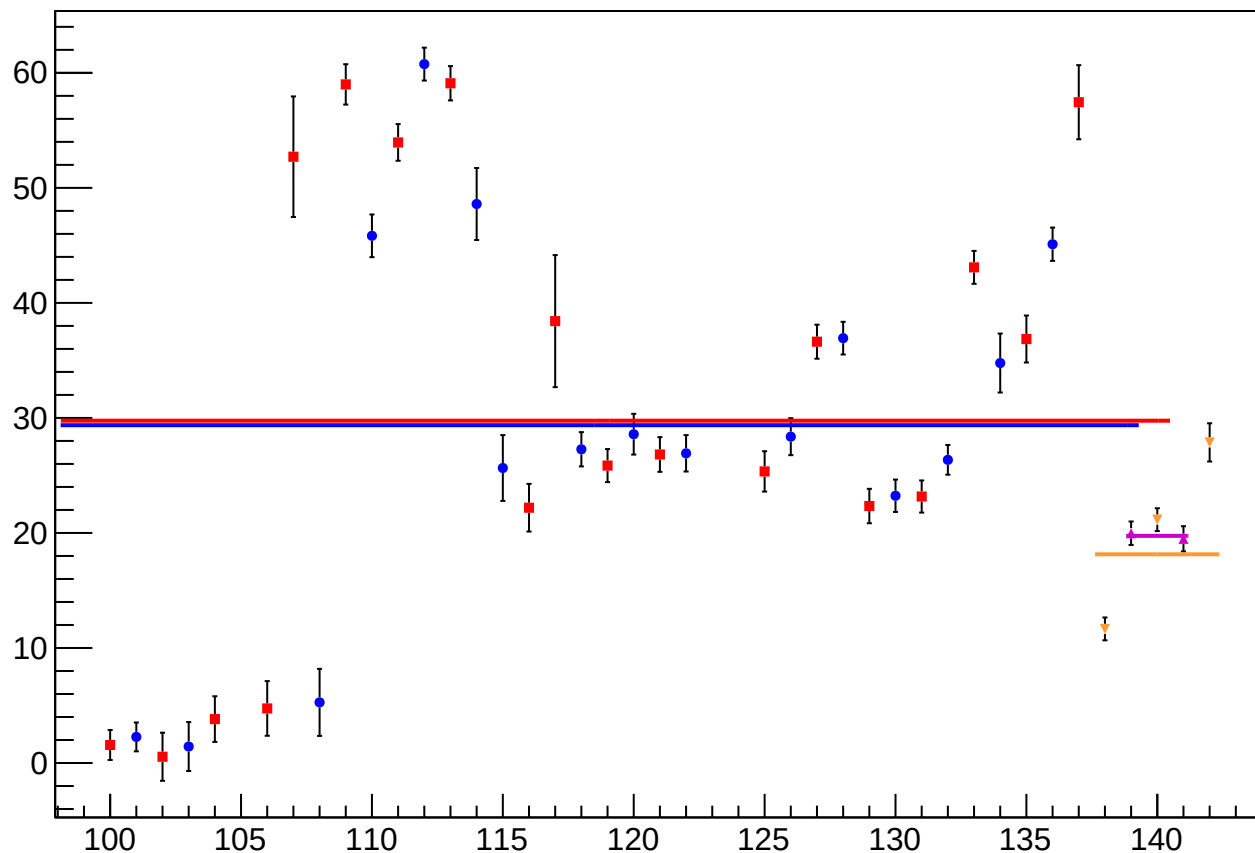
Right Out: 4.286 ± 0.221 $\chi^2/\text{NDF}: 354.5/18$

Left In: -0.776 ± 0.674 $\chi^2/\text{NDF}: 3.1/1$

3.182 ± 0.200 $\chi^2/\text{NDF}: 465.2/18$

3.794 ± 0.210 $\chi^2/\text{NDF}: 408.5/20$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 18.145 $\pm$ 0.647 χ^2 /NDF:86.1/2

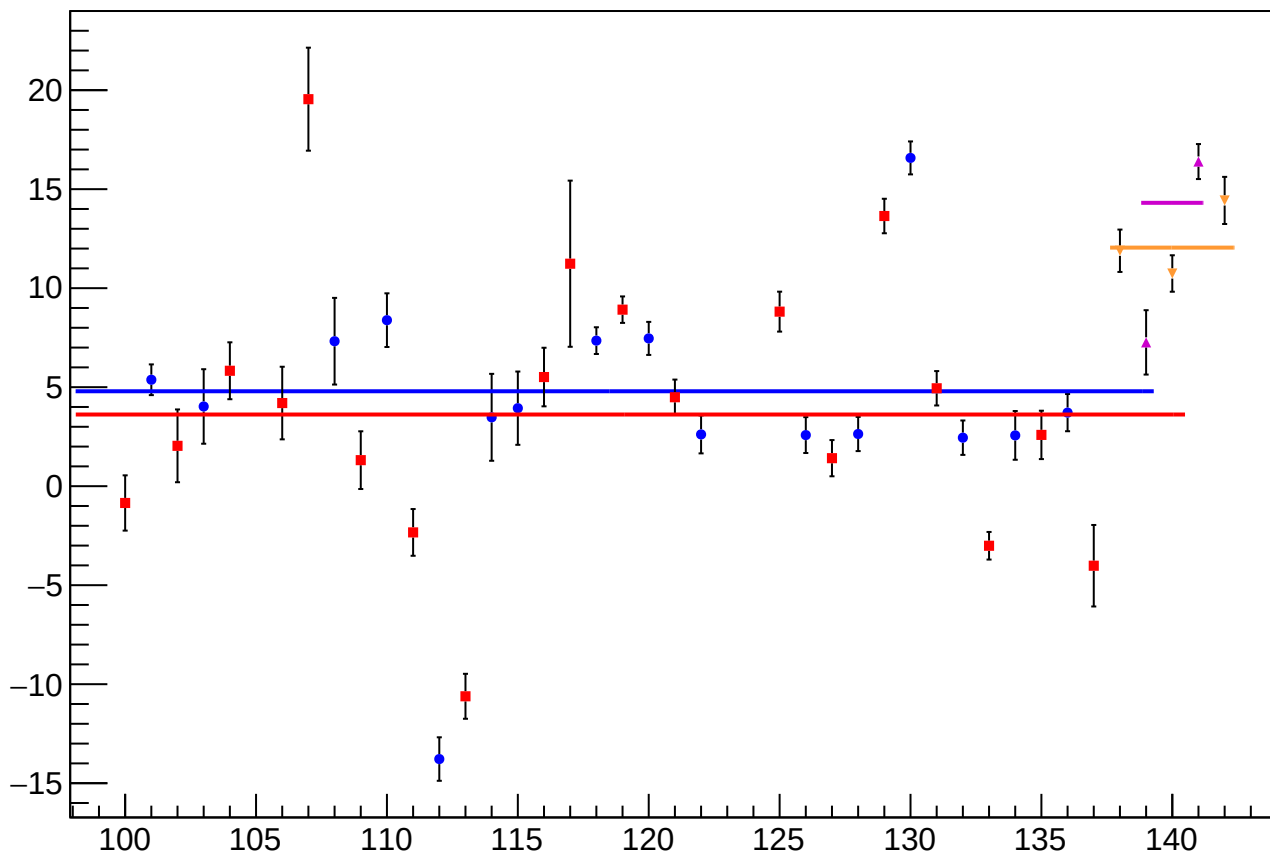
Right Out: 29.761 $\pm$ 0.401 χ^2 /NDF: 2131.8/18

Left In: 19.750 $\pm$ 0.746 χ^2 /NDF:0.1/1

26.078 $\pm$ 0.350 χ^2 /NDF: 1787.6/18

27.515 $\pm$ 0.354 χ^2 /NDF: 2271.4/20

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 χ^2/NDF : 550.0/15

Left Out: 12.049 ± 0.602 χ^2/NDF : 6.0/2

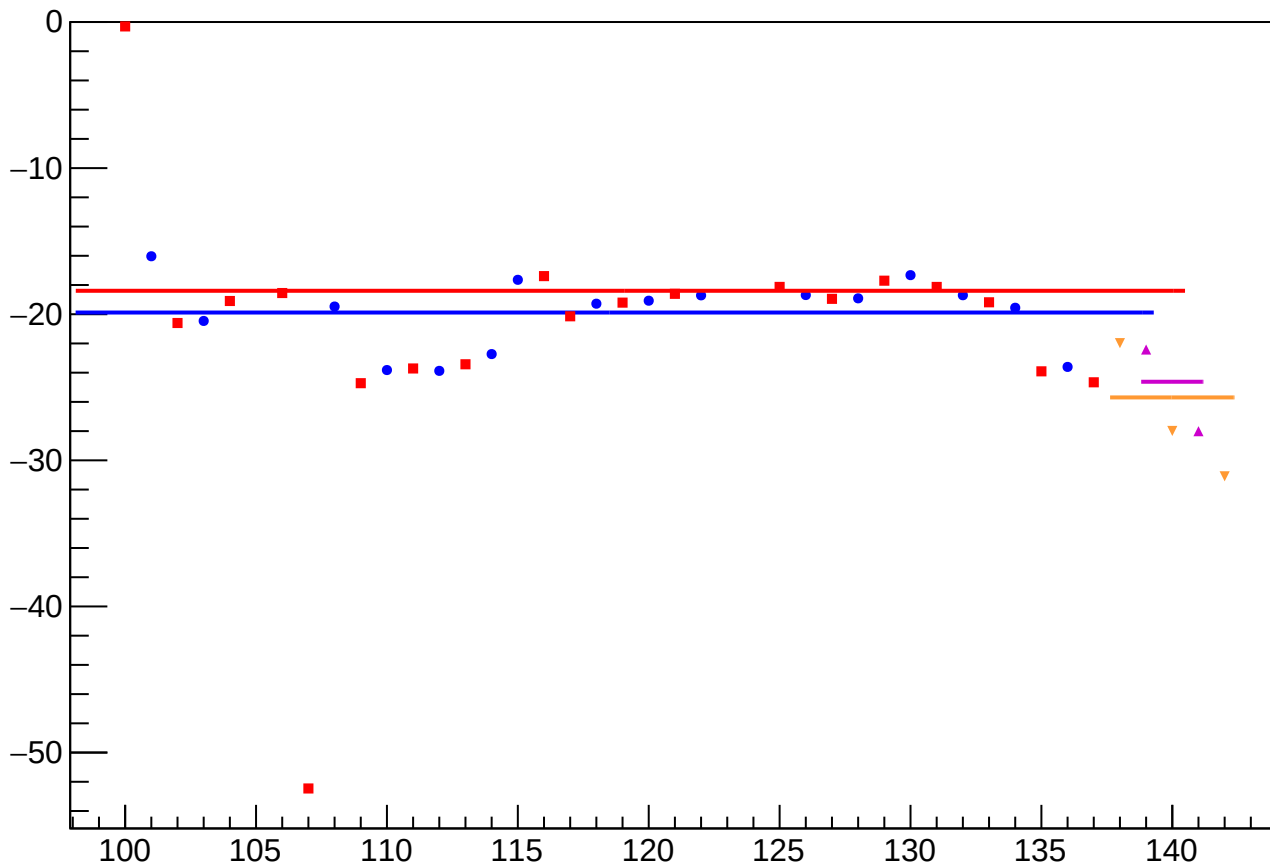
Right Out: 3.619 ± 0.254 χ^2/NDF : 576.6/18

Left In: 14.310 ± 0.777 χ^2/NDF : 24.4/1

5.869 ± 0.232 χ^2/NDF : 679.7/18

4.653 ± 0.241 χ^2/NDF : 772.2/20

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883±/-0.016 χ^2/NDF : 26063.5/15

Left Out: -25.694±/-0.027 χ^2/NDF :18388.1/2

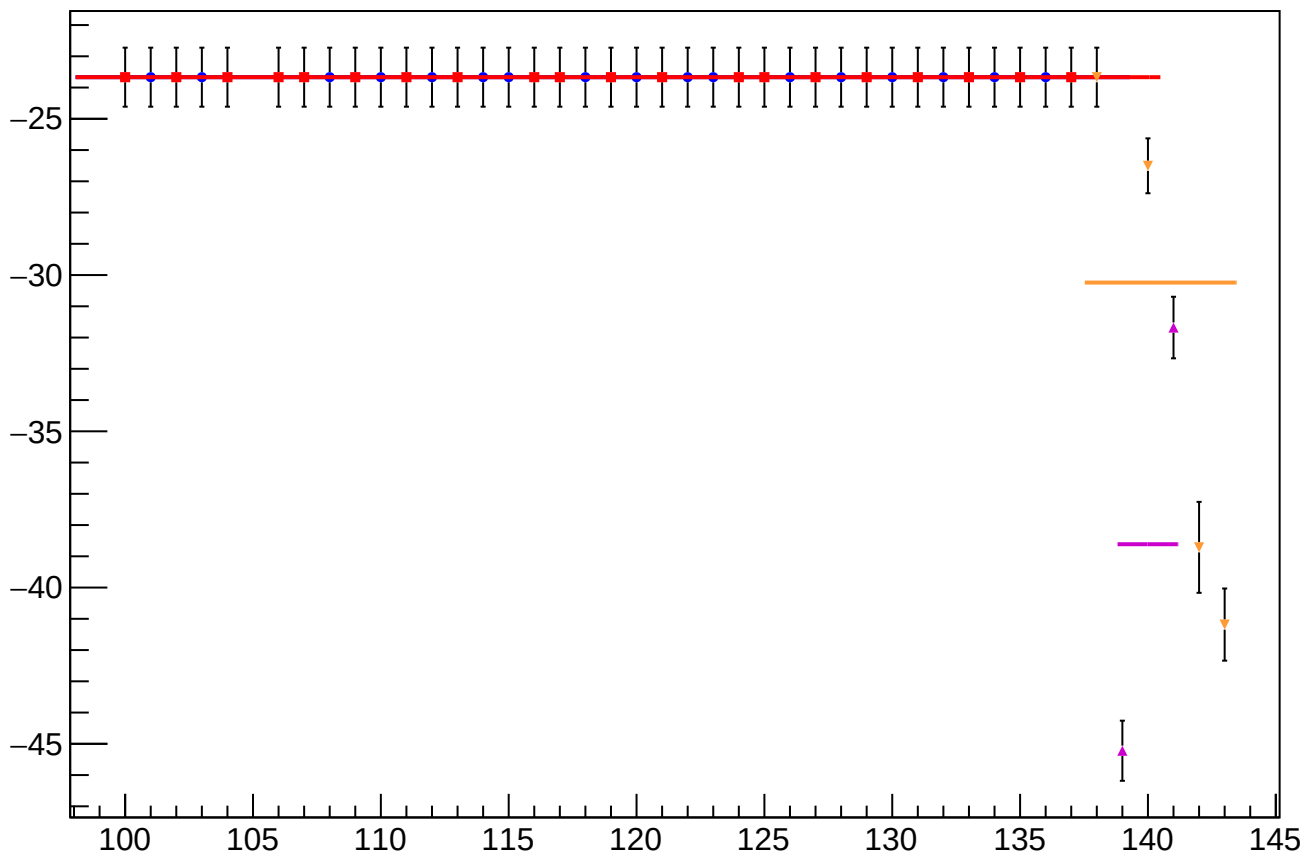
Right Out: -18.395±/-0.015 χ^2/NDF : 301292.0/18

Left In: -24.621±/-0.028 χ^2/NDF :9649.0/1

-21.363±/-0.013 χ^2/NDF : 79981.0/18

-19.757±/-0.013 χ^2/NDF : 350088.9/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -23.668 ± 0.229 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -30.240 ± 0.524 $\chi^2/\text{NDF}: 190.3/3$

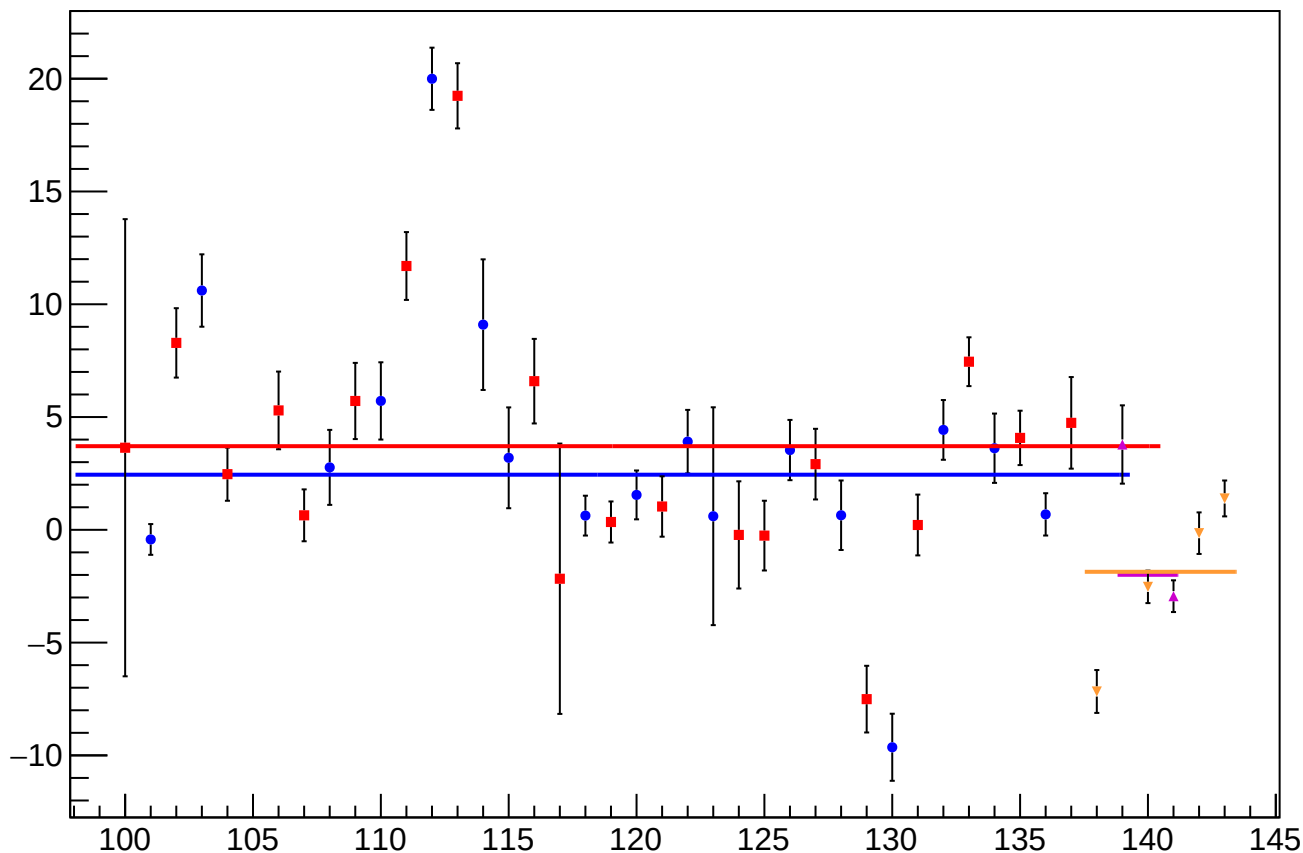
Right Out: -23.668 ± 0.211 $\chi^2/\text{NDF}: 0.0/19$

Left In: -38.613 ± 0.688 $\chi^2/\text{NDF}: 96.7/1$

-24.722 ± 0.210 $\chi^2/\text{NDF}: 322.3/20$

-24.954 ± 0.202 $\chi^2/\text{NDF}: 527.7/21$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: -1.861 ± 0.415 χ^2/NDF : 52.2/3

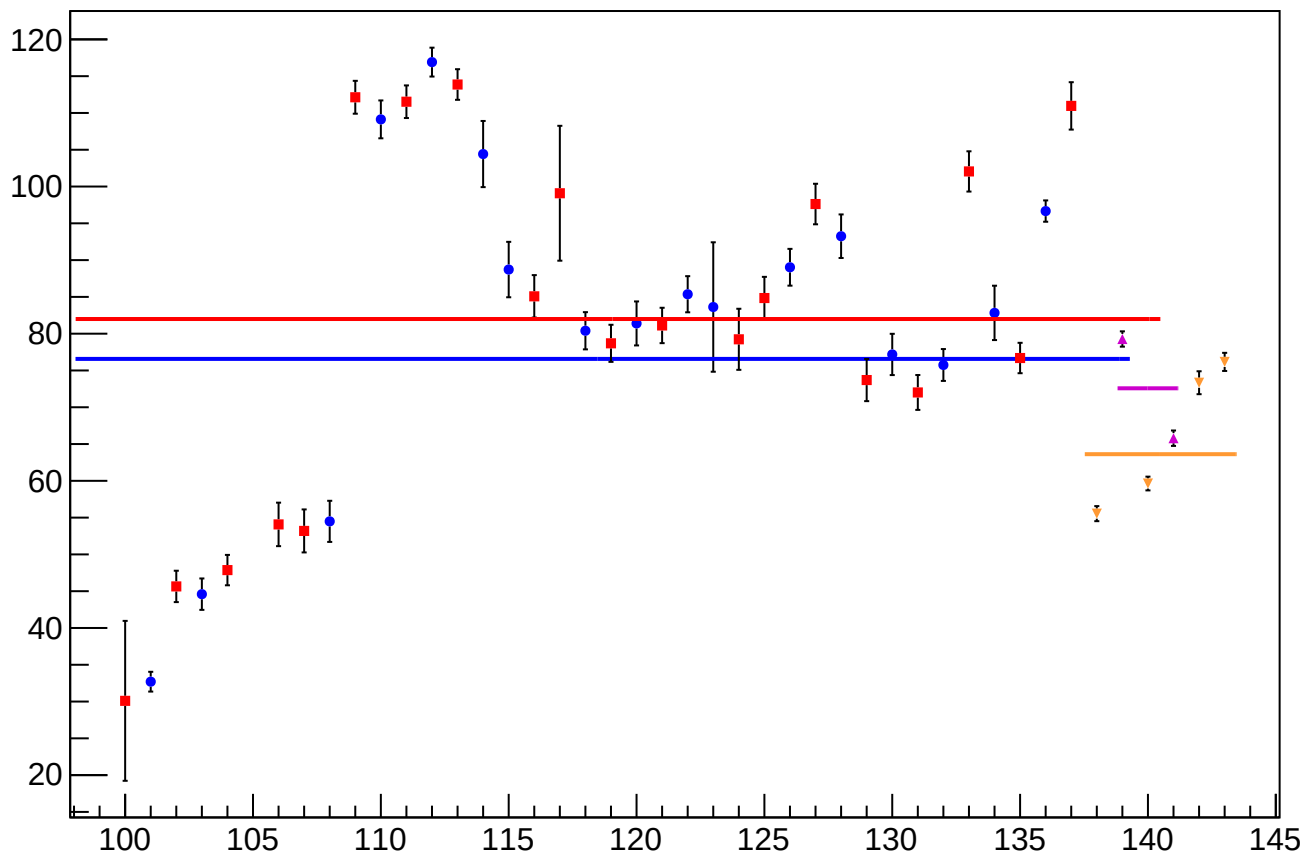
Right Out: 3.708 ± 0.326 χ^2/NDF : 270.1/19

Left In: -1.994 ± 0.652 χ^2/NDF : 12.9/1

0.897 ± 0.249 χ^2/NDF : 416.3/20

2.565 ± 0.292 χ^2/NDF : 344.1/21

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2/NDF : 2253.6/16

Left Out: 63.622 $\pm$ 0.562 χ^2/NDF :223.0/3

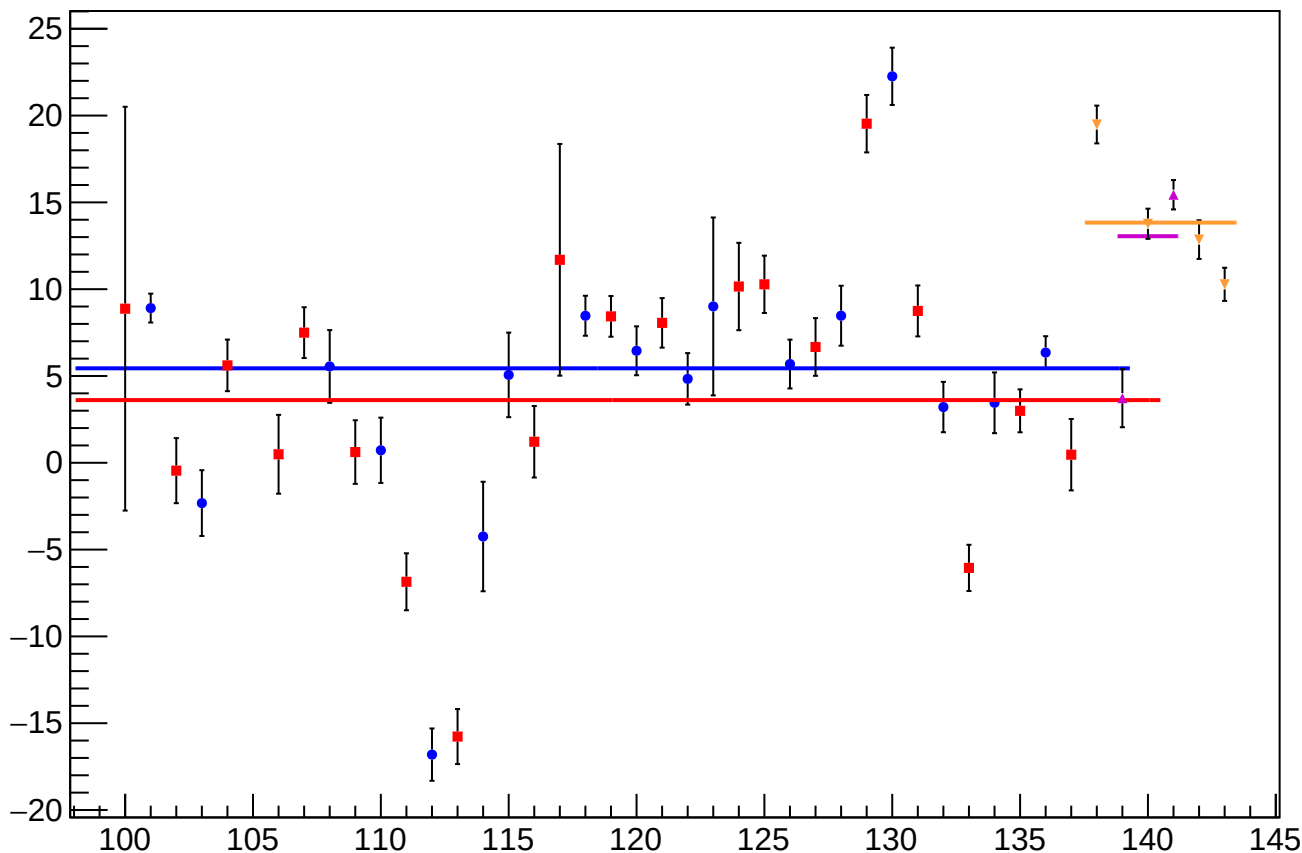
Right Out: 81.994 $\pm$ 0.591 χ^2/NDF : 1574.1/19

Left In: 72.576 $\pm$ 0.738 χ^2/NDF :83.4/1

69.966 $\pm$ 0.401 χ^2/NDF : 2736.9/20

78.319 $\pm$ 0.461 χ^2/NDF : 1756.6/21

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 $\pm$ 0.357 χ^2 /NDF: 387.5/16

Left Out: 13.835 $\pm$ 0.496 χ^2 /NDF:41.6/3

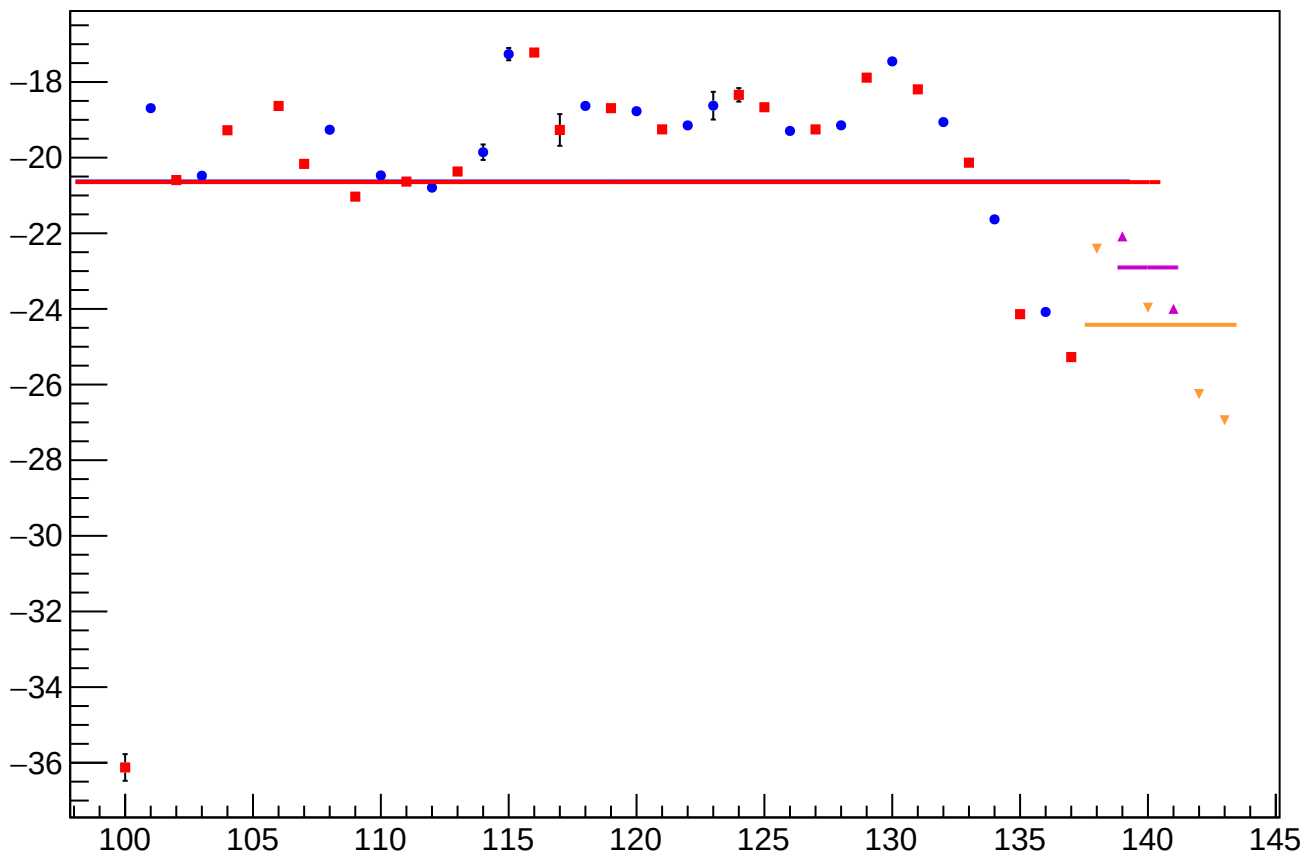
Right Out: 3.611 $\pm$ 0.375 χ^2 /NDF: 424.7/19

Left In: 13.051 $\pm$ 0.755 χ^2 /NDF:39.1/1

8.312 $\pm$ 0.290 χ^2 /NDF: 617.8/20

5.477 $\pm$ 0.336 χ^2 /NDF: 589.4/21

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -24.420 ± 0.023 $\chi^2/\text{NDF}: 6059.4/3$

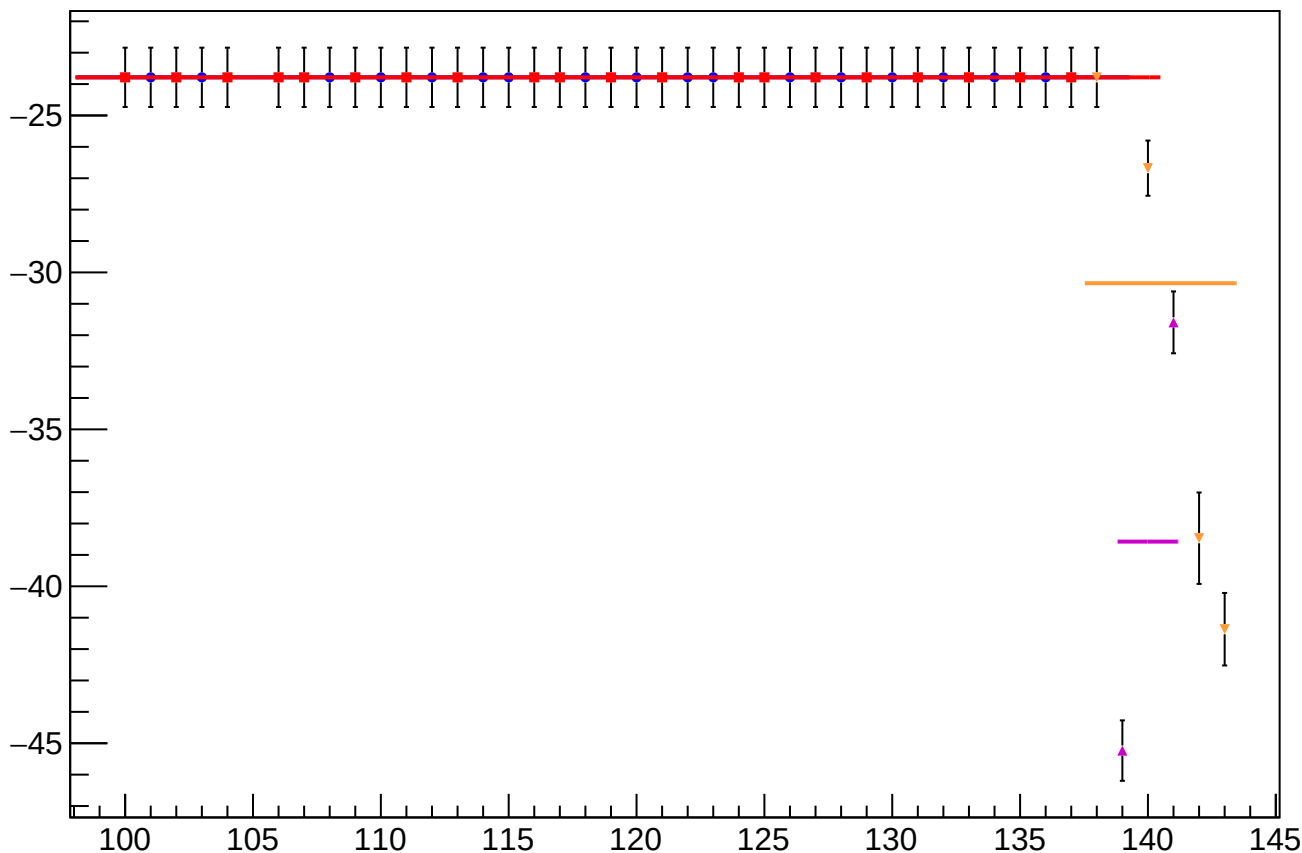
Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13896.5/19$

Left In: -22.904 ± 0.028 $\chi^2/\text{NDF}: 1168.5/1$

-22.186 ± 0.015 $\chi^2/\text{NDF}: 34416.8/20$

-21.388 ± 0.016 $\chi^2/\text{NDF}: 19506.7/21$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -23.785 ± 0.229 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -30.345 ± 0.524 $\chi^2/\text{NDF}: 187.7/3$

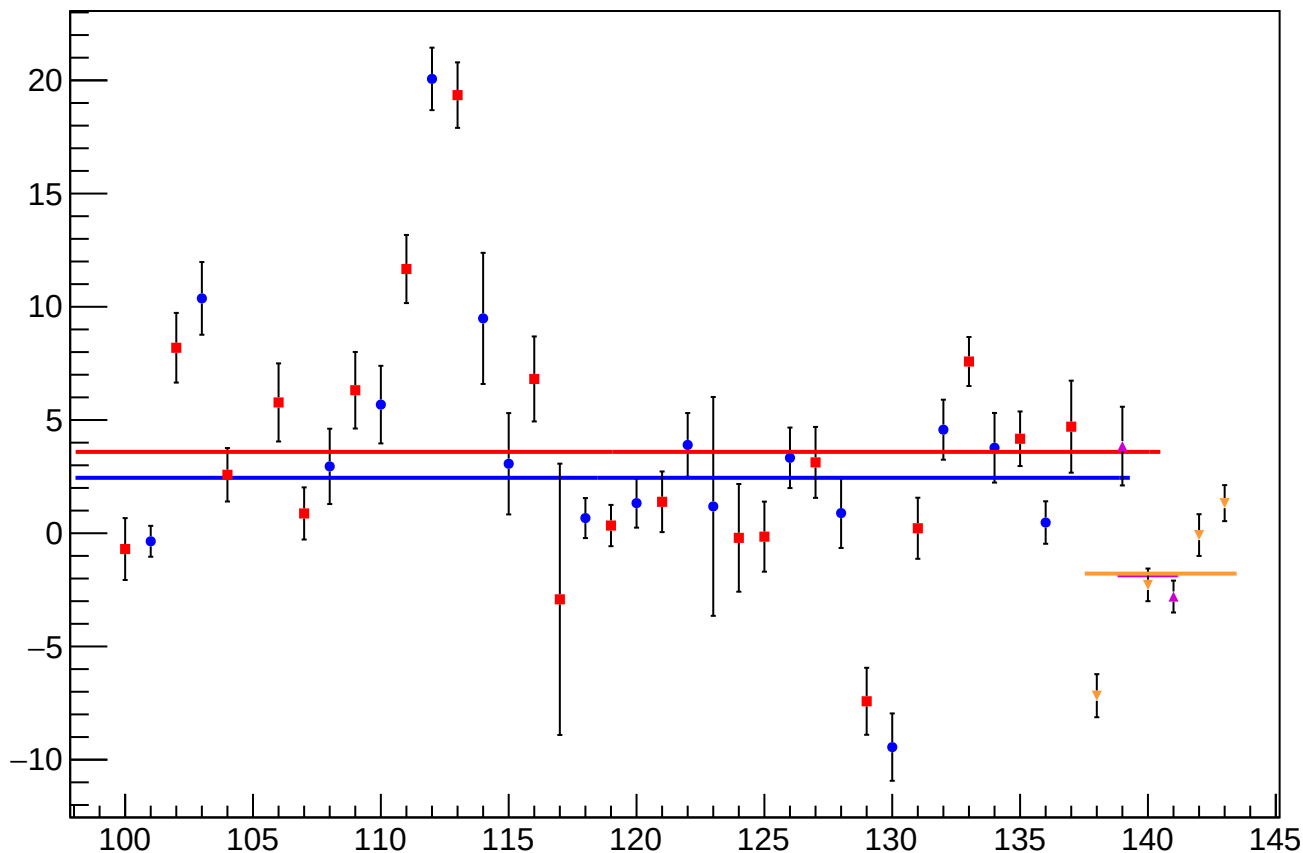
Right Out: -23.785 ± 0.211 $\chi^2/\text{NDF}: 0.0/19$

Left In: -38.576 ± 0.689 $\chi^2/\text{NDF}: 98.0/1$

-24.837 ± 0.210 $\chi^2/\text{NDF}: 319.1/20$

-25.058 ± 0.202 $\chi^2/\text{NDF}: 519.6/21$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 $\chi^2/\text{NDF}: 293.4/16$

Left Out: -1.783 ± 0.416 $\chi^2/\text{NDF}: 51.3/3$

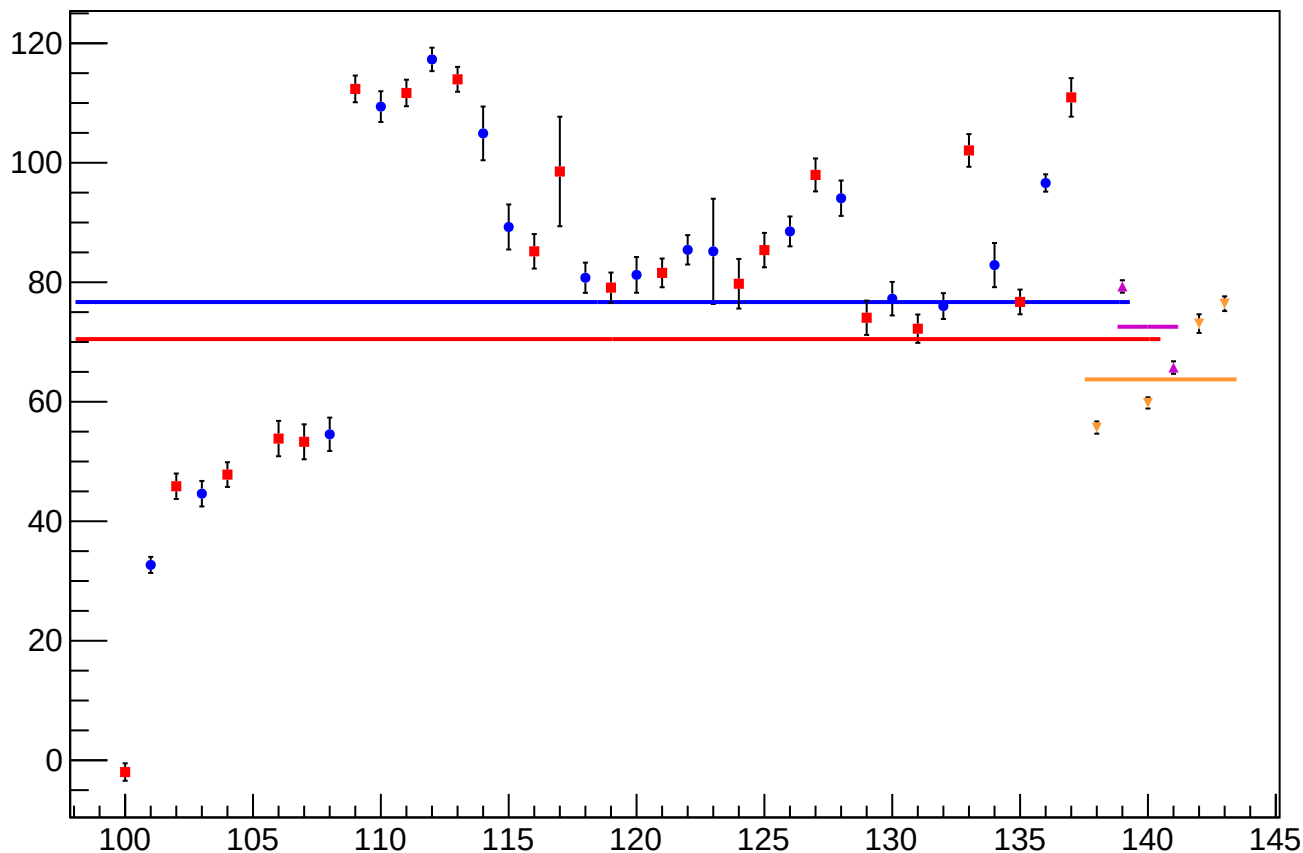
Right Out: 3.593 ± 0.318 $\chi^2/\text{NDF}: 280.6/19$

Left In: -1.859 ± 0.652 $\chi^2/\text{NDF}: 12.6/1$

0.928 ± 0.249 $\chi^2/\text{NDF}: 411.0/20$

2.547 ± 0.286 $\chi^2/\text{NDF}: 349.6/21$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2/NDF : 2265.1/16

Left Out: 63.748 $\pm$ 0.562 χ^2/NDF : 221.0/3

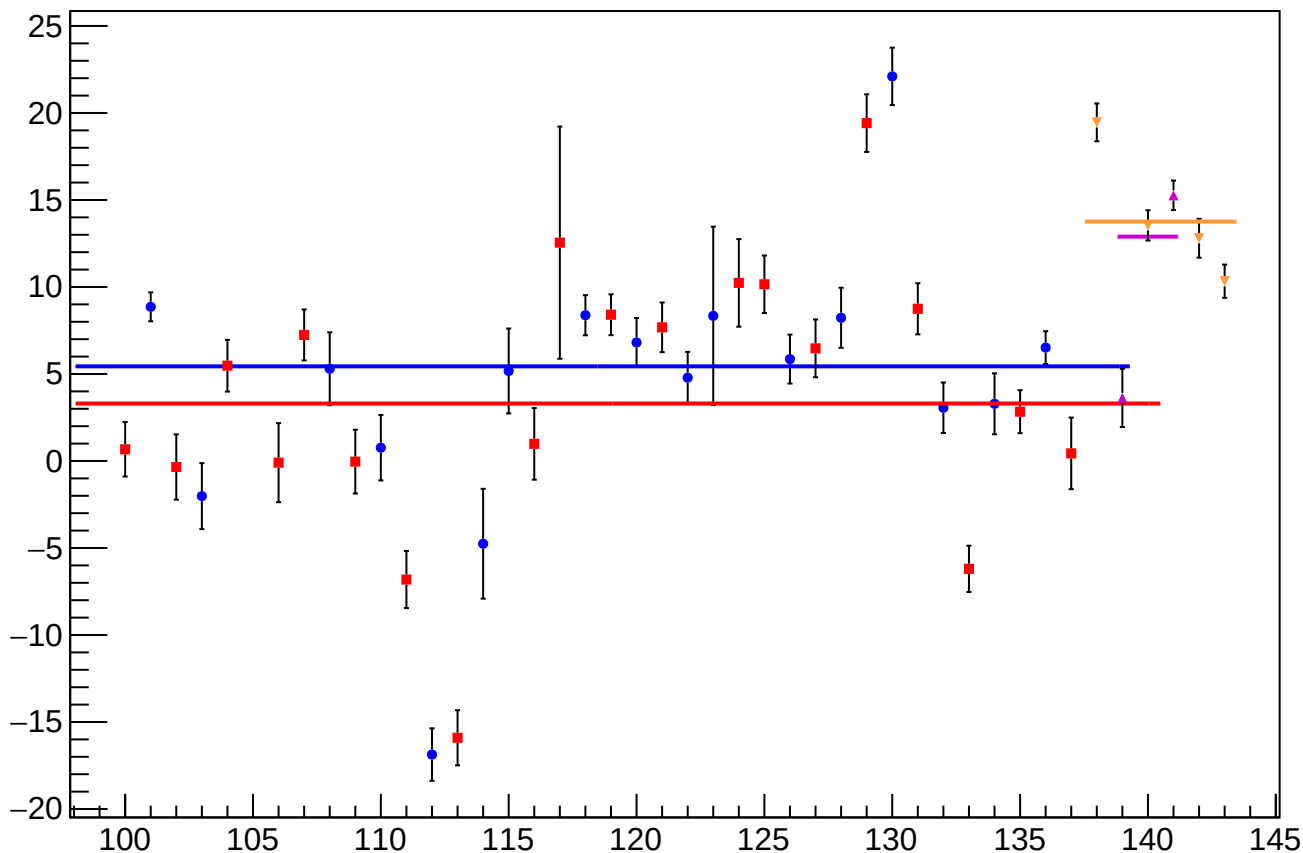
Right Out: 70.487 $\pm$ 0.549 χ^2/NDF : 4400.5/19

Left In: 72.555 $\pm$ 0.739 χ^2/NDF : 84.3/1

70.087 $\pm$ 0.402 χ^2/NDF : 2745.6/20

71.222 $\pm$ 0.441 χ^2/NDF : 4489.9/21

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 13.759 ± 0.496 $\chi^2/\text{NDF}: 41.1/3$

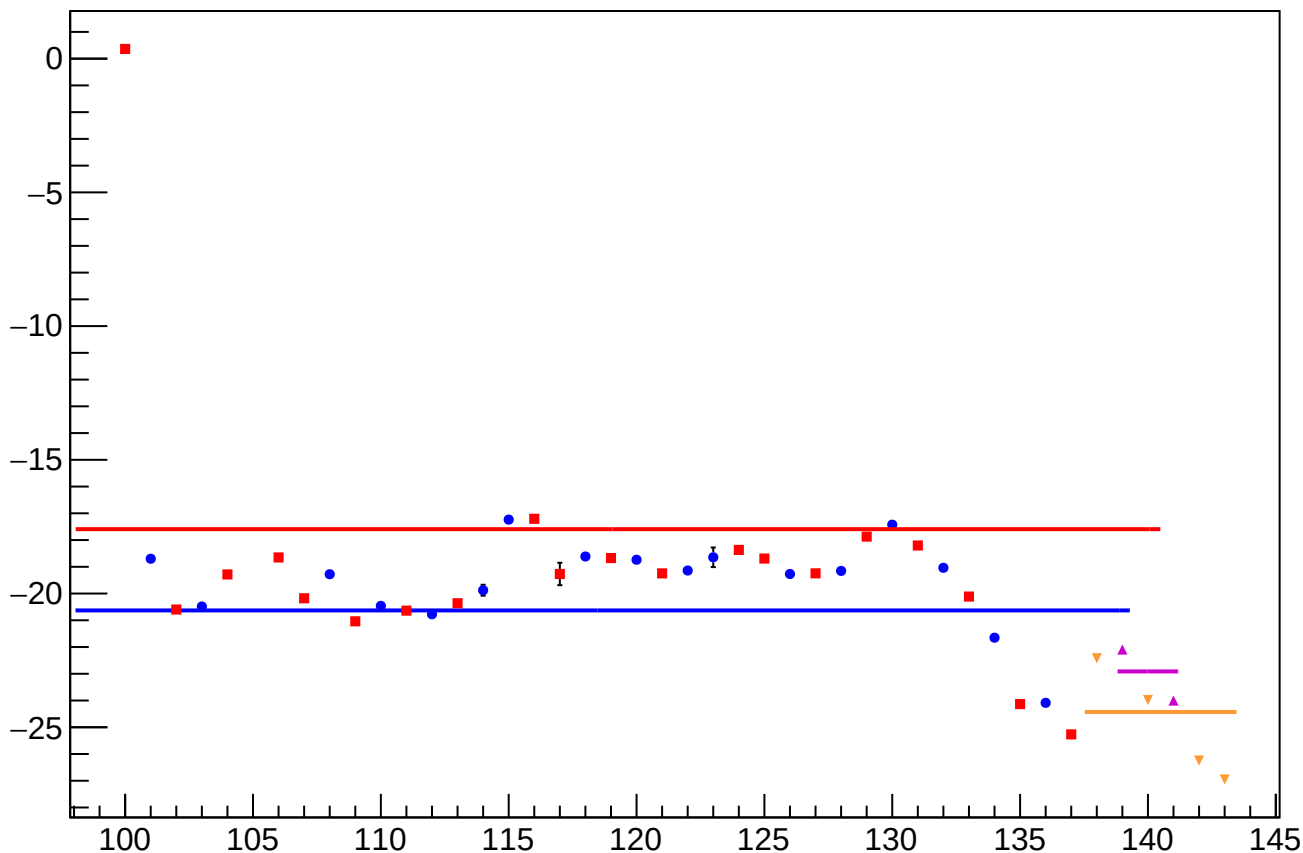
Right Out: 3.303 ± 0.365 $\chi^2/\text{NDF}: 427.7/19$

Left In: 12.894 ± 0.755 $\chi^2/\text{NDF}: 38.6/1$

8.284 ± 0.290 $\chi^2/\text{NDF}: 612.2/20$

5.117 ± 0.328 $\chi^2/\text{NDF}: 597.0/21$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632±/0.019 χ^2/NDF : 12530.8/16

Left Out: -24.428±/0.023 χ^2/NDF : 6028.0/3

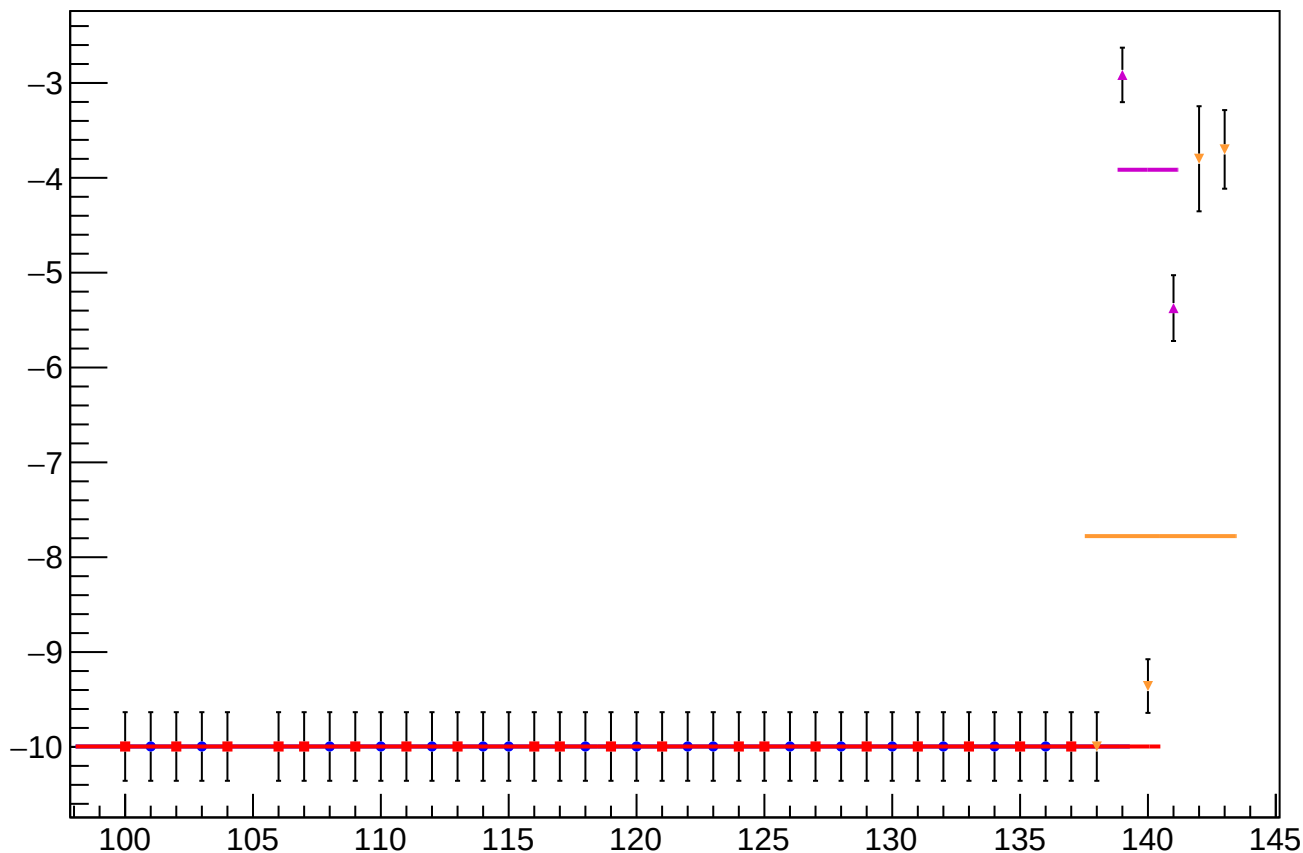
Right Out: -17.594±/0.018 χ^2/NDF : 178696.7/19

Left In: -22.913±/0.028 χ^2/NDF : 1157.0/1

-22.190±/0.015 χ^2/NDF : 34464.2/20

-19.167±/0.015 χ^2/NDF : 205689.1/21

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -9.995+/-0.088 χ^2 /NDF: 0.0/16

Left Out: -7.777+/-0.185 χ^2 /NDF:217.2/3

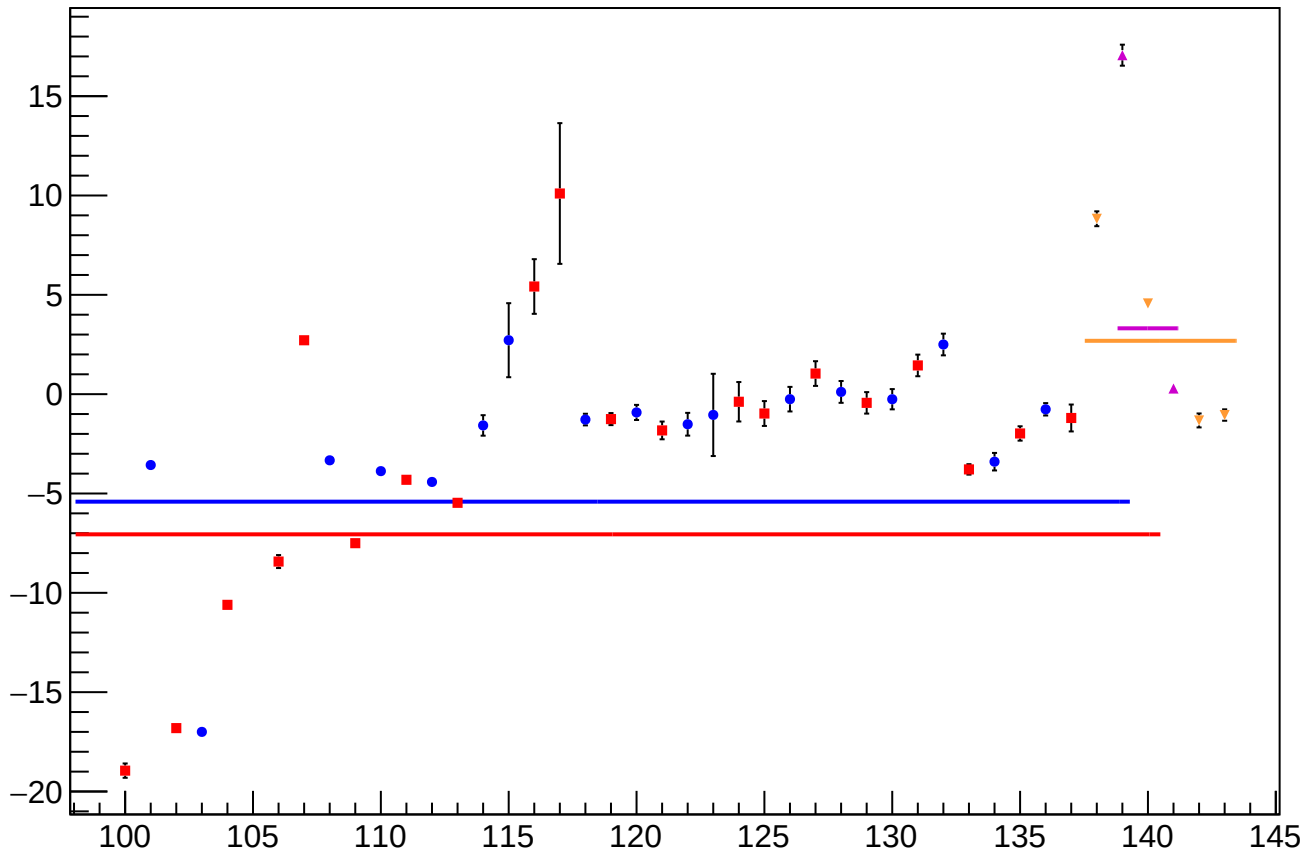
Right Out: -9.995+/-0.081 χ^2 /NDF: 0.0/19

Left In: -3.915+/-0.221 χ^2 /NDF:29.8/1

-9.588+/-0.079 χ^2 /NDF: 334.5/20

-9.279+/-0.076 χ^2 /NDF: 696.0/21

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 2.686 ± 0.148 χ^2/NDF : 633.1/3

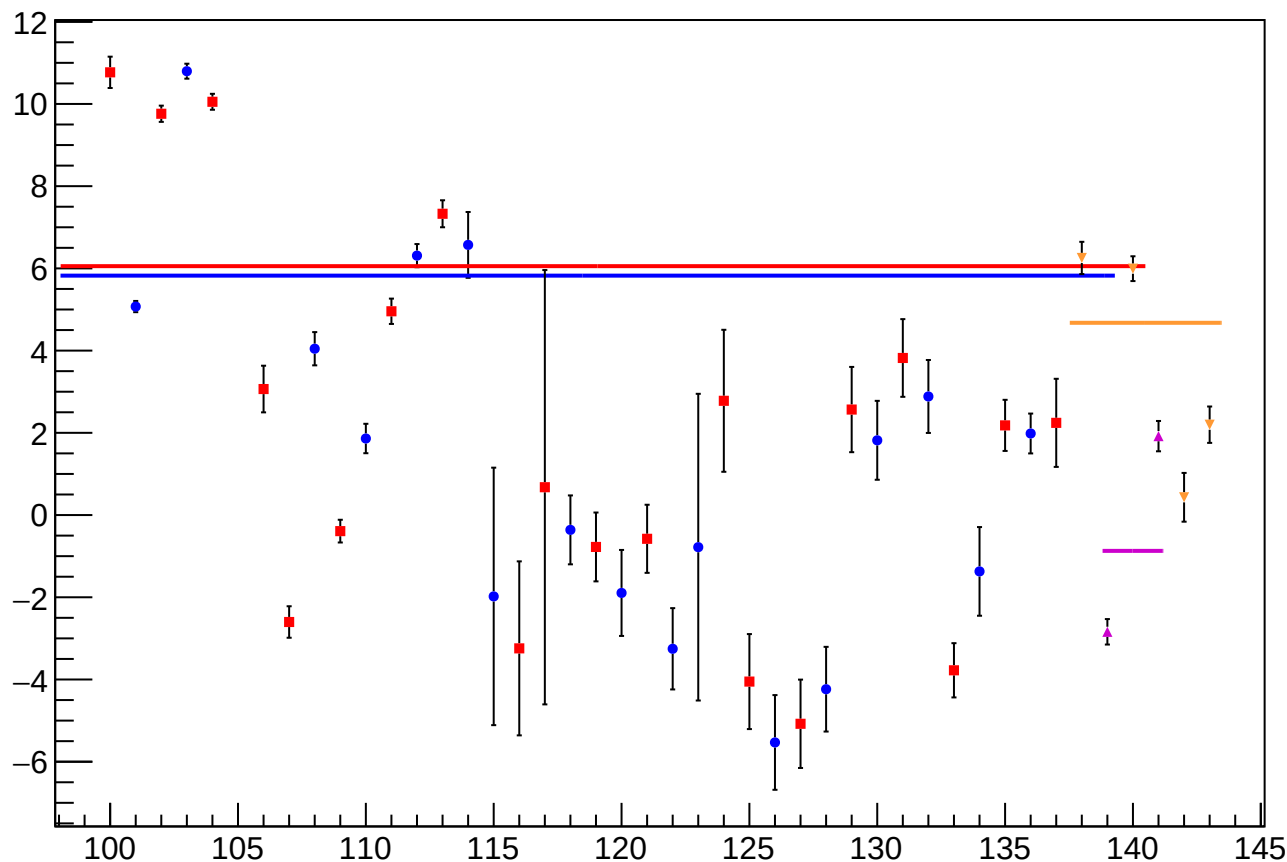
Right Out: -7.056 ± 0.059 χ^2/NDF : 12352.9/19

Left In: 3.314 ± 0.225 χ^2/NDF : 823.9/1

-4.440 ± 0.051 χ^2/NDF : 12518.3/20

-6.387 ± 0.057 χ^2/NDF : 15166.0/21

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 $\pm$ 0.090 χ^2 /NDF: 1452.6/16

Left Out: 4.677 $\pm$ 0.198 χ^2 /NDF:117.8/3

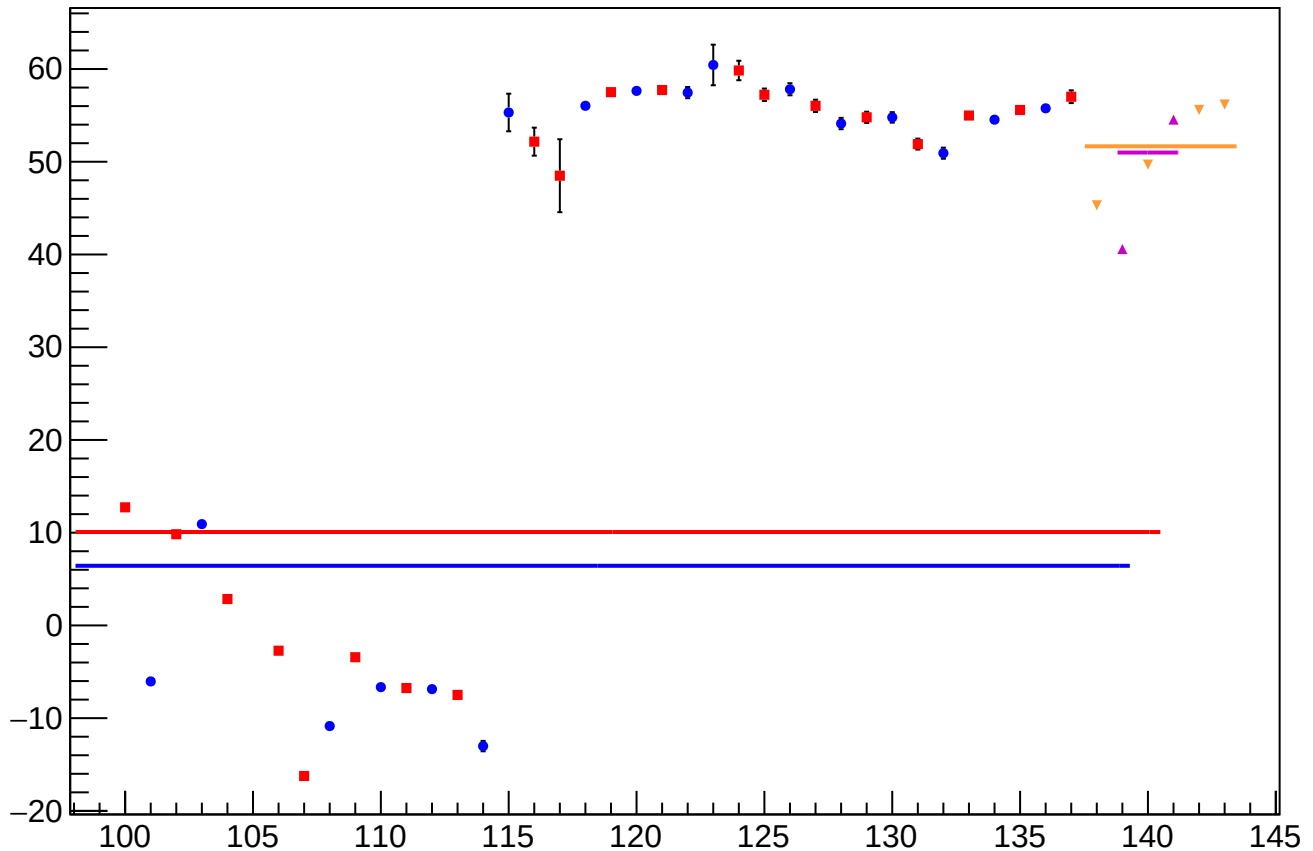
Right Out: 6.054 $\pm$ 0.093 χ^2 /NDF: 2669.9/19

Left In: -0.871 $\pm$ 0.237 χ^2 /NDF:97.6/1

5.629 $\pm$ 0.082 χ^2 /NDF: 1598.2/20

5.127 $\pm$ 0.087 χ^2 /NDF: 3505.3/21

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432+/-0.065 χ^2/NDF : 123486.3/16

Left Out: 51.665+/-0.177 χ^2/NDF : 530.3/3

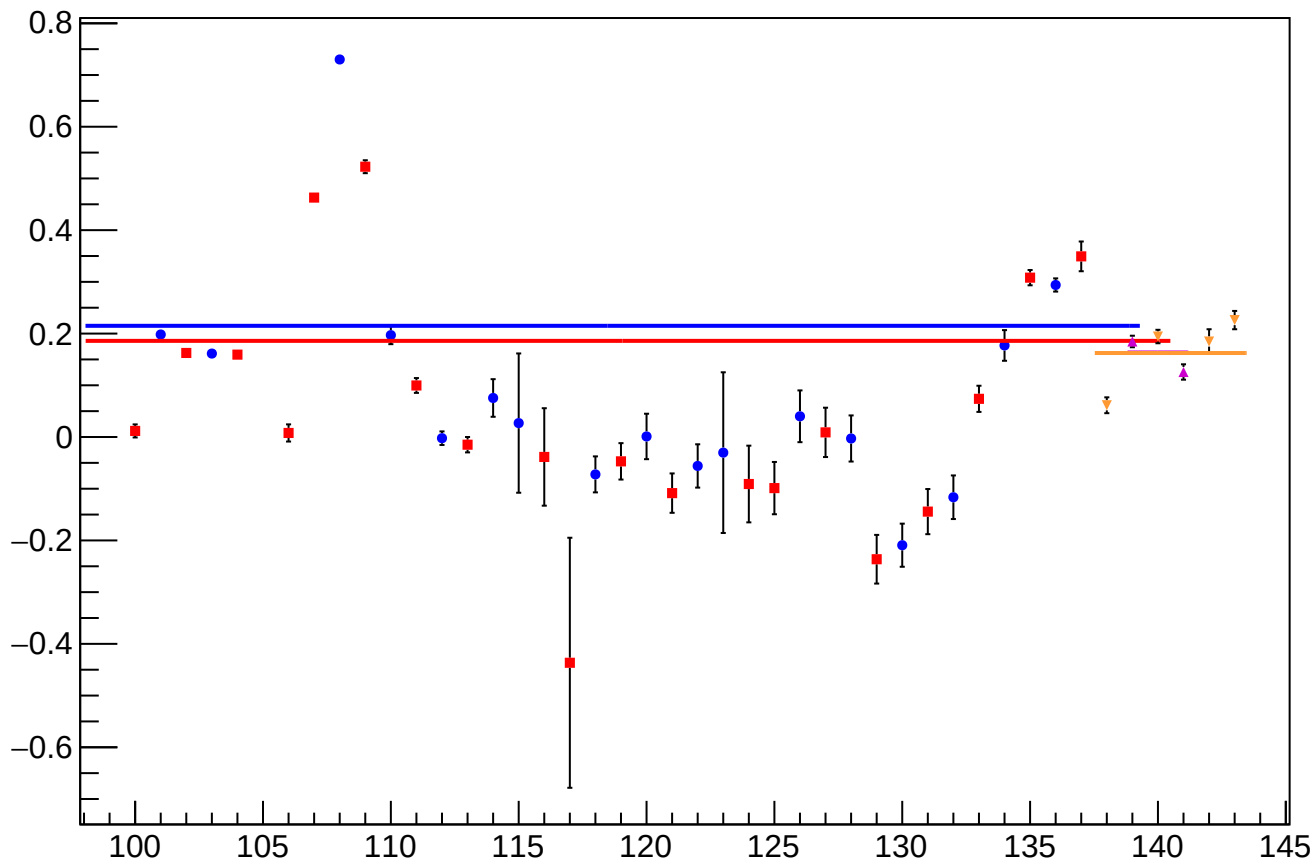
Right Out: 10.072+/-0.070 χ^2/NDF : 121911.4/19

Left In: 50.993+/-0.258 χ^2/NDF : 557.5/1

11.778+/-0.061 χ^2/NDF : 181783.3/20

12.867+/-0.067 χ^2/NDF : 145987.5/21

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.162 $\pm$ 0.008 χ^2 /NDF: 63.3/3

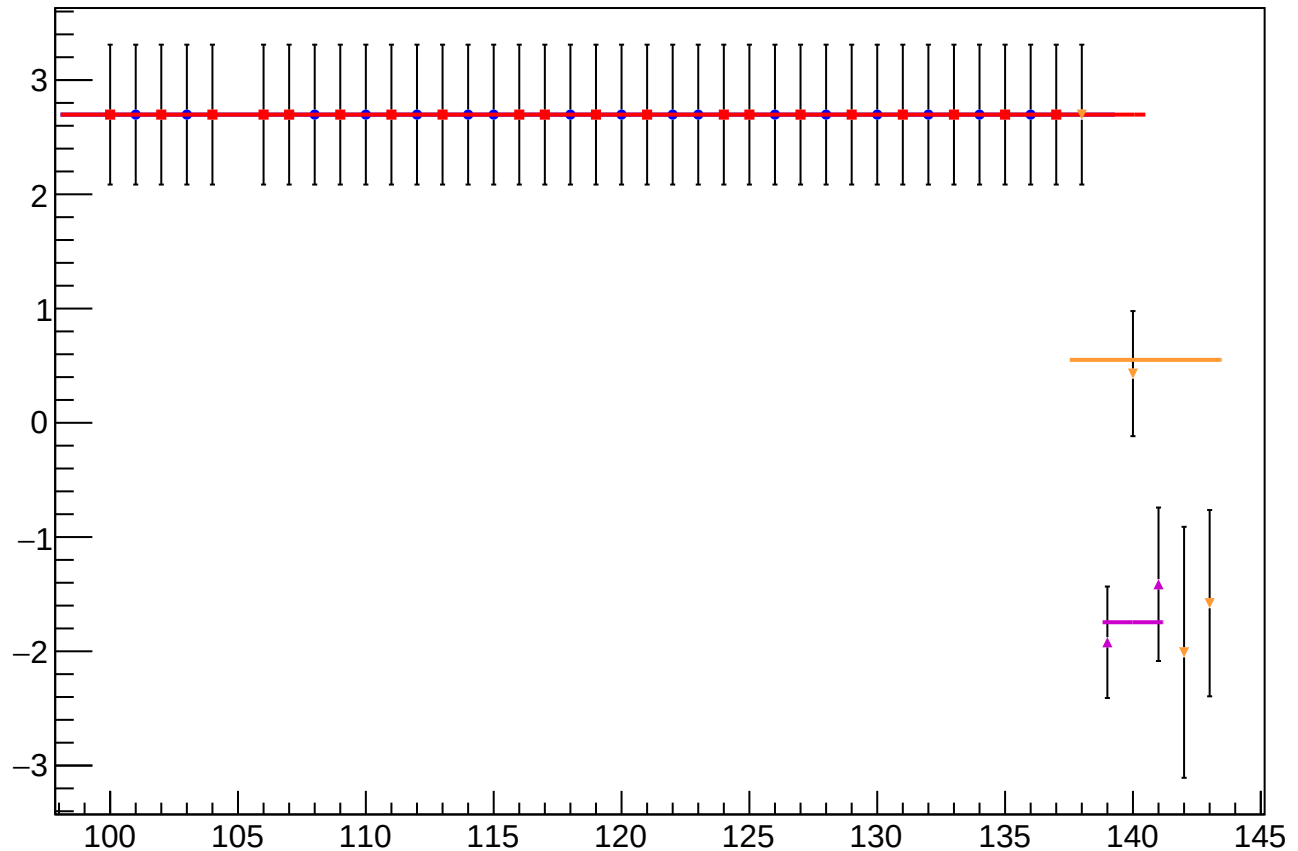
Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2726.9/19

Left In: 0.163 $\pm$ 0.009 χ^2 /NDF: 10.1/1

0.210 $\pm$ 0.003 χ^2 /NDF: 4030.9/20

0.184 $\pm$ 0.003 χ^2 /NDF: 2742.8/21

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 2.698 ± 0.148 χ^2/NDF : 0.0/16

Left Out: 0.551 ± 0.346 χ^2/NDF : 24.6/3

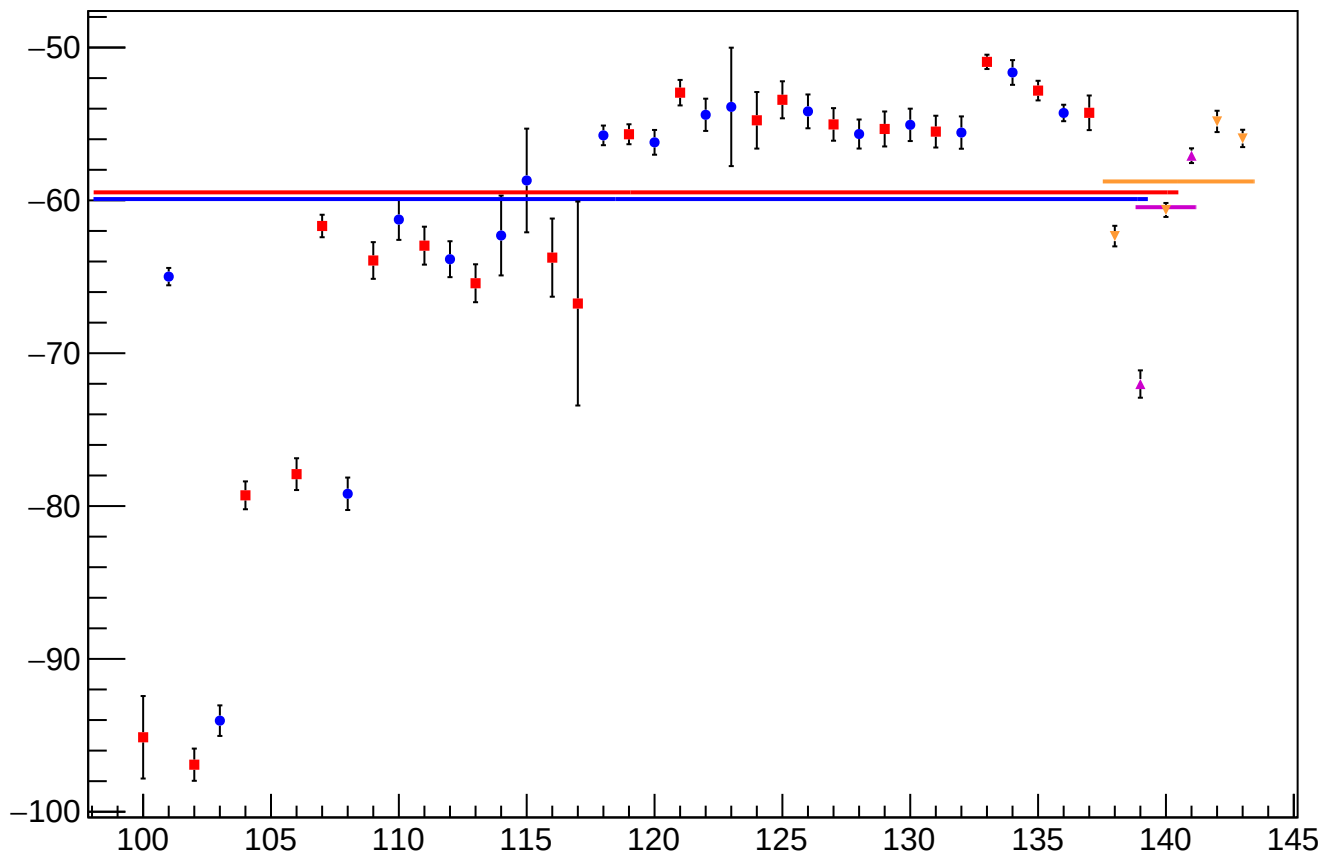
Right Out: 2.698 ± 0.137 χ^2/NDF : 0.0/19

Left In: -1.746 ± 0.395 χ^2/NDF : 0.4/1

2.364 ± 0.136 χ^2/NDF : 57.0/20

2.221 ± 0.129 χ^2/NDF : 113.5/21

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -58.762 ± 0.287 χ^2/NDF : 101.1/3

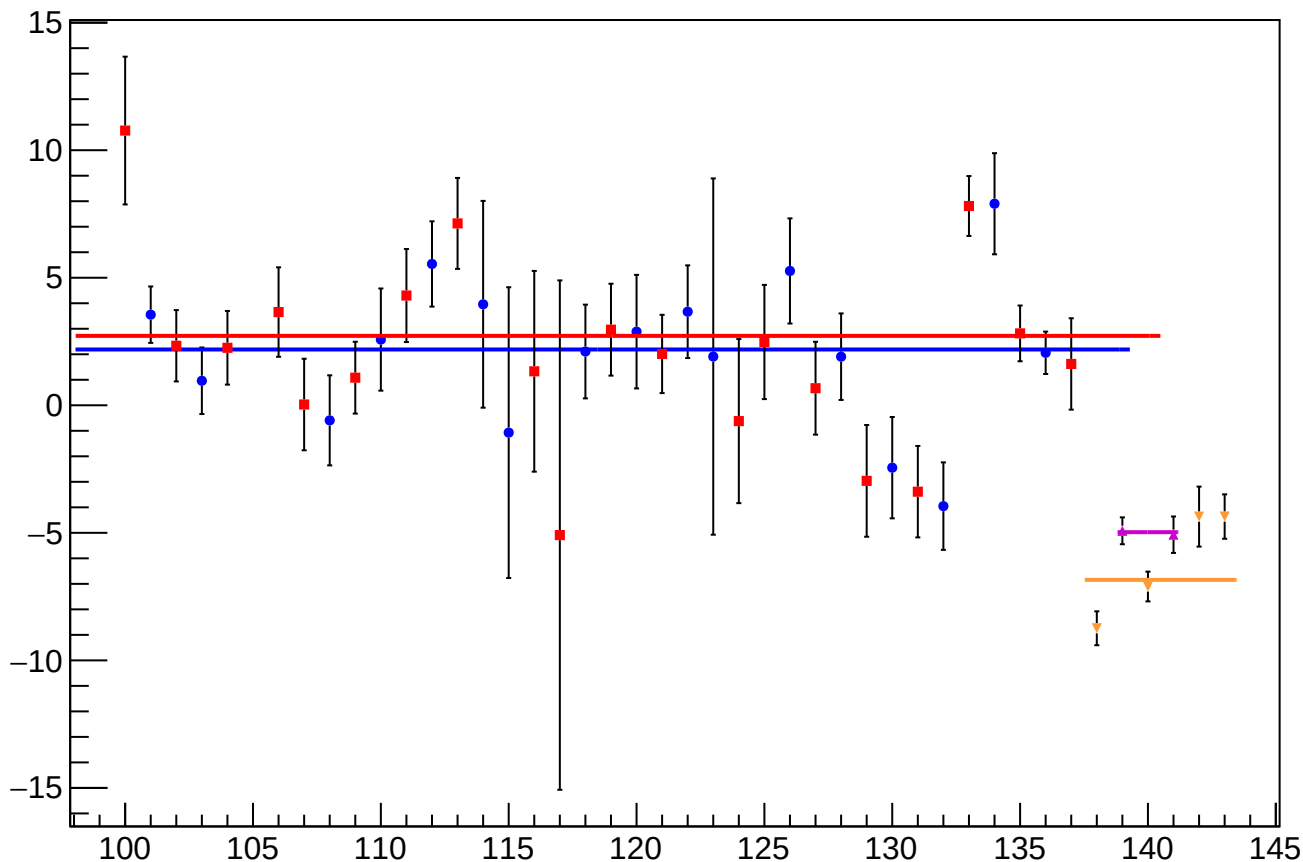
Right Out: -59.475 ± 0.212 χ^2/NDF : 2913.9/19

Left In: -60.446 ± 0.425 χ^2/NDF : 215.8/1

-59.481 ± 0.176 χ^2/NDF : 2090.6/20

-59.668 ± 0.190 χ^2/NDF : 3133.8/21

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.844 ± 0.371 $\chi^2/\text{NDF}: 20.9/3$

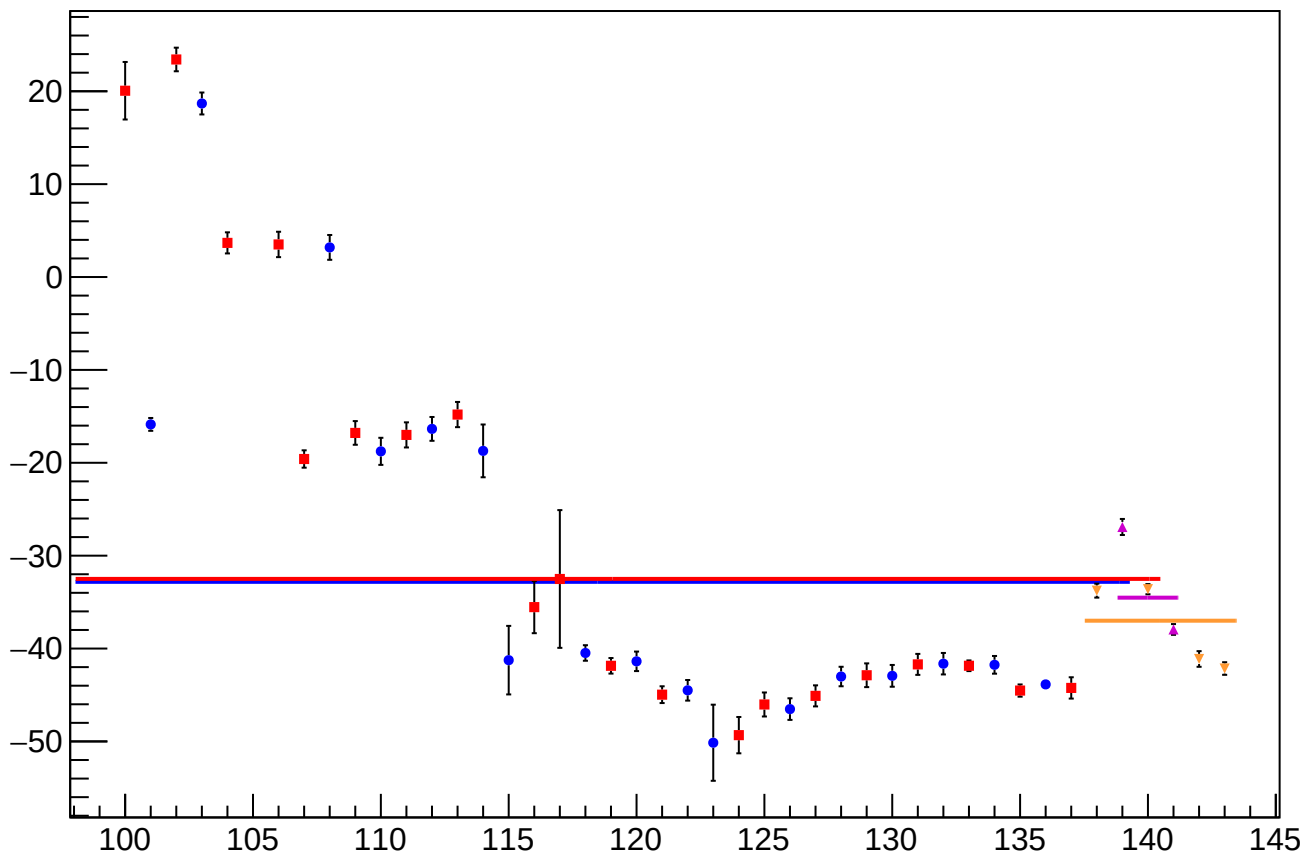
Right Out: 2.721 ± 0.387 $\chi^2/\text{NDF}: 59.5/19$

Left In: -4.974 ± 0.424 $\chi^2/\text{NDF}: 0.0/1$

-2.707 ± 0.273 $\chi^2/\text{NDF}: 330.8/20$

-0.781 ± 0.286 $\chi^2/\text{NDF}: 239.2/21$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 $\pm$ 0.254 χ^2 /NDF: 4666.6/16

Left Out: -37.002 $\pm$ 0.340 χ^2 /NDF:138.3/3

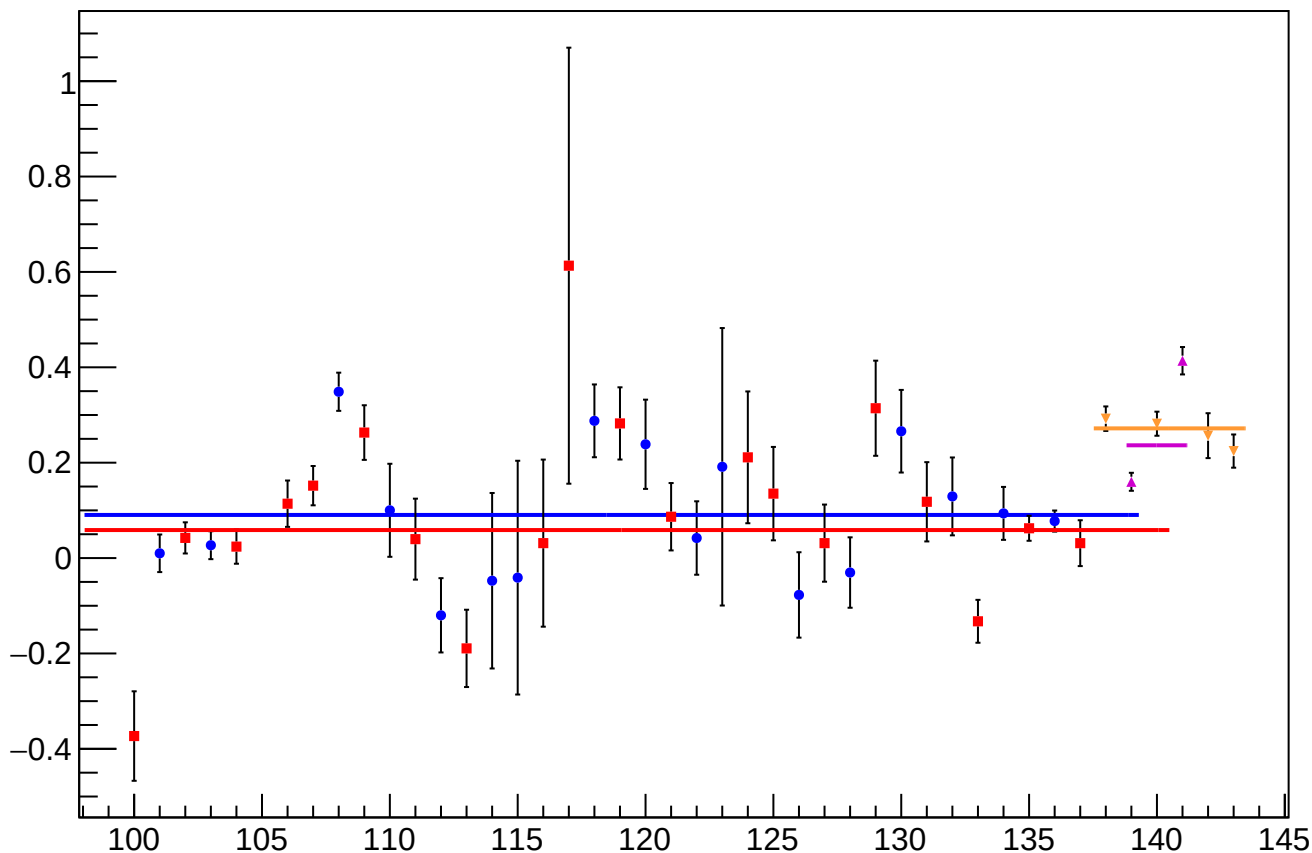
Right Out: -32.501 $\pm$ 0.244 χ^2 /NDF: 6037.9/19

Left In: -34.522 $\pm$ 0.481 χ^2 /NDF:112.7/1

-34.317 $\pm$ 0.203 χ^2 /NDF: 4902.2/20

-32.915 $\pm$ 0.217 χ^2 /NDF: 6164.7/21

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.272 ± 0.015 χ^2/NDF : 2.8/3

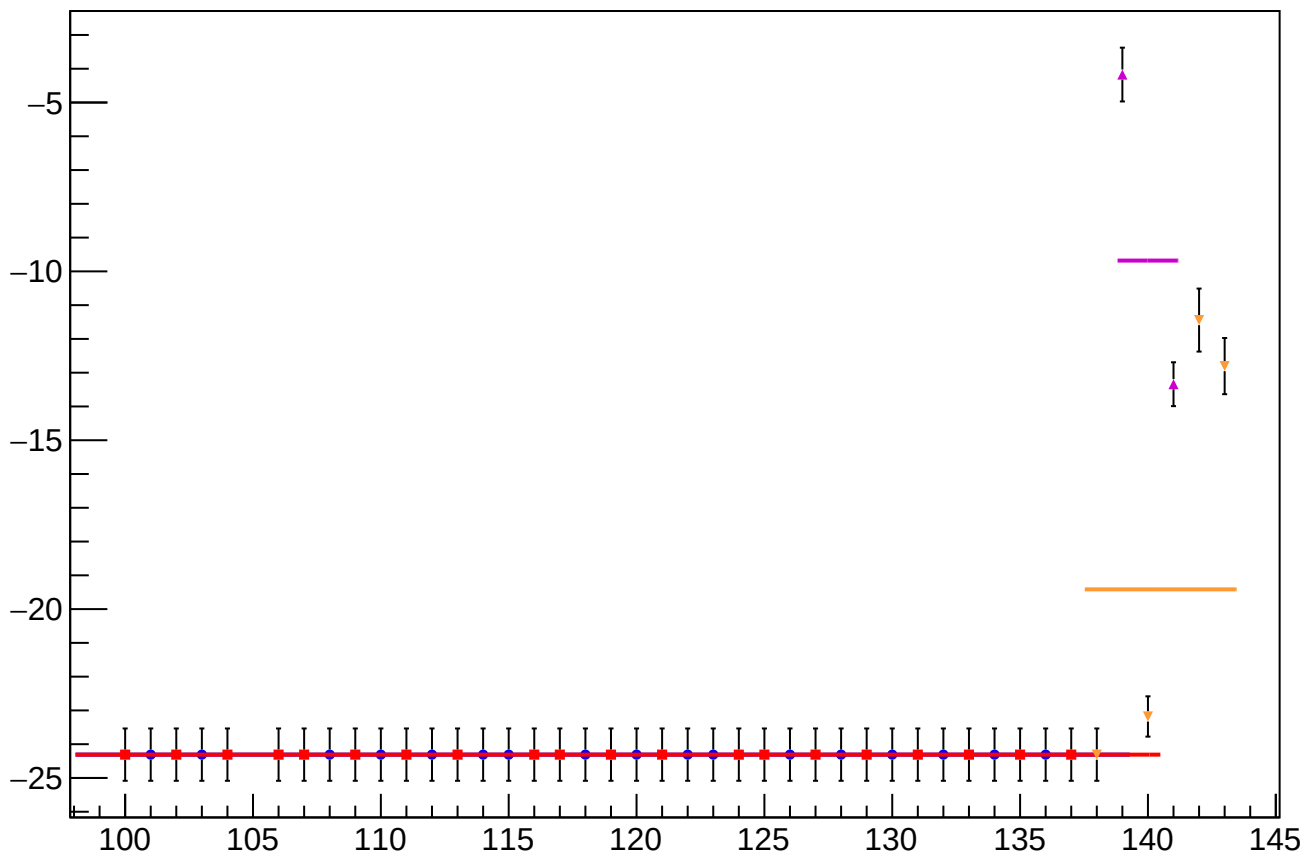
Right Out: 0.059 ± 0.012 χ^2/NDF : 88.8/19

Left In: 0.236 ± 0.016 χ^2/NDF : 54.5/1

0.166 ± 0.010 χ^2/NDF : 166.2/20

0.125 ± 0.010 χ^2/NDF : 223.0/21

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -24.309 $\pm$ 0.188 χ^2 /NDF: 0.0/16

Left Out: -19.416 $\pm$ 0.376 χ^2 /NDF:215.9/3

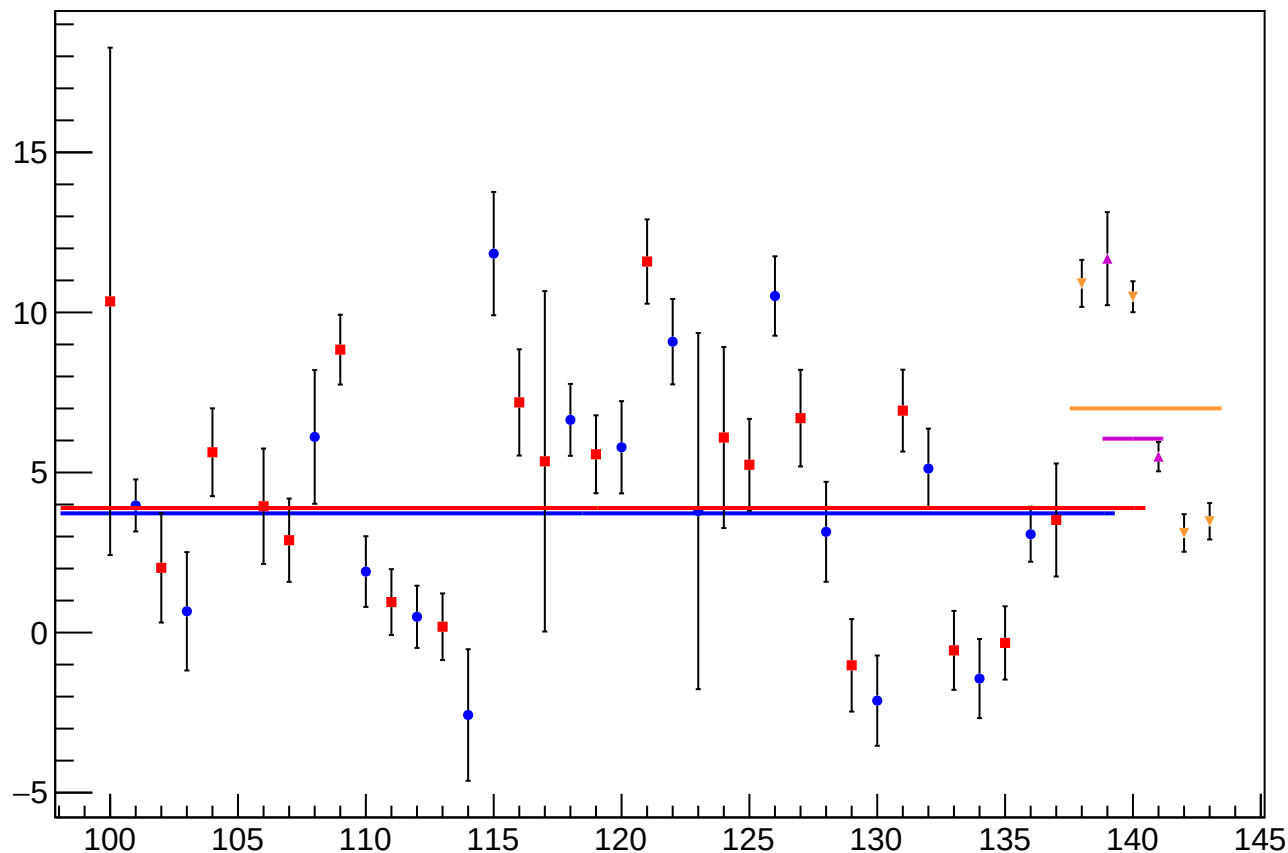
Right Out: -24.309 $\pm$ 0.173 χ^2 /NDF: 0.0/19

Left In: -9.680 $\pm$ 0.503 χ^2 /NDF:79.6/1

-23.332 $\pm$ 0.168 χ^2 /NDF: 351.4/20

-22.759 $\pm$ 0.164 χ^2 /NDF: 835.3/21

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 7.003 $\pm$ 0.287 χ^2 /NDF:163.0/3

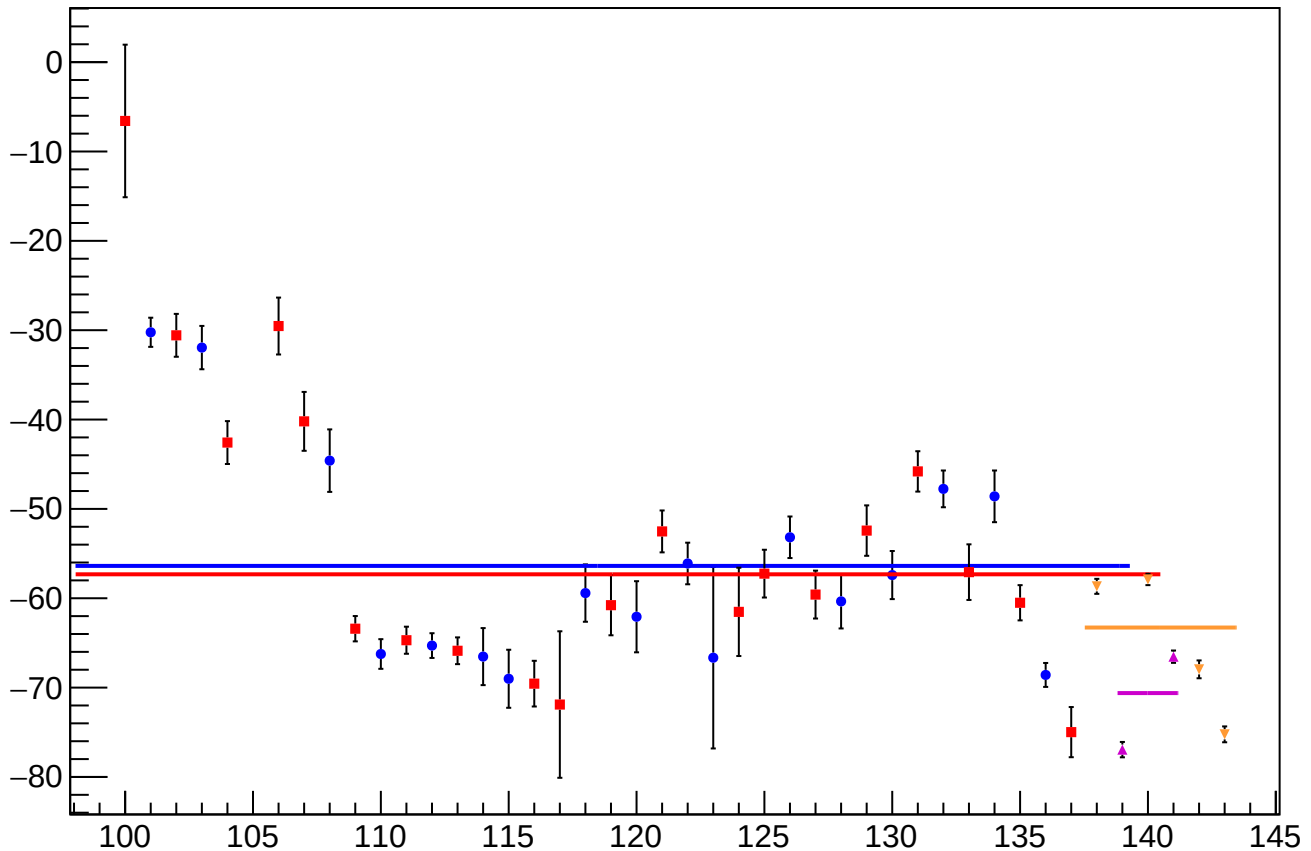
Right Out: 3.890 $\pm$ 0.316 χ^2 /NDF: 134.5/19

Left In: 6.057 $\pm$ 0.438 χ^2 /NDF:16.5/1

5.483 $\pm$ 0.210 χ^2 /NDF: 360.4/20

4.632 $\pm$ 0.256 χ^2 /NDF: 167.0/21

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -63.277 ± 0.403 $\chi^2/\text{NDF}: 305.2/3$

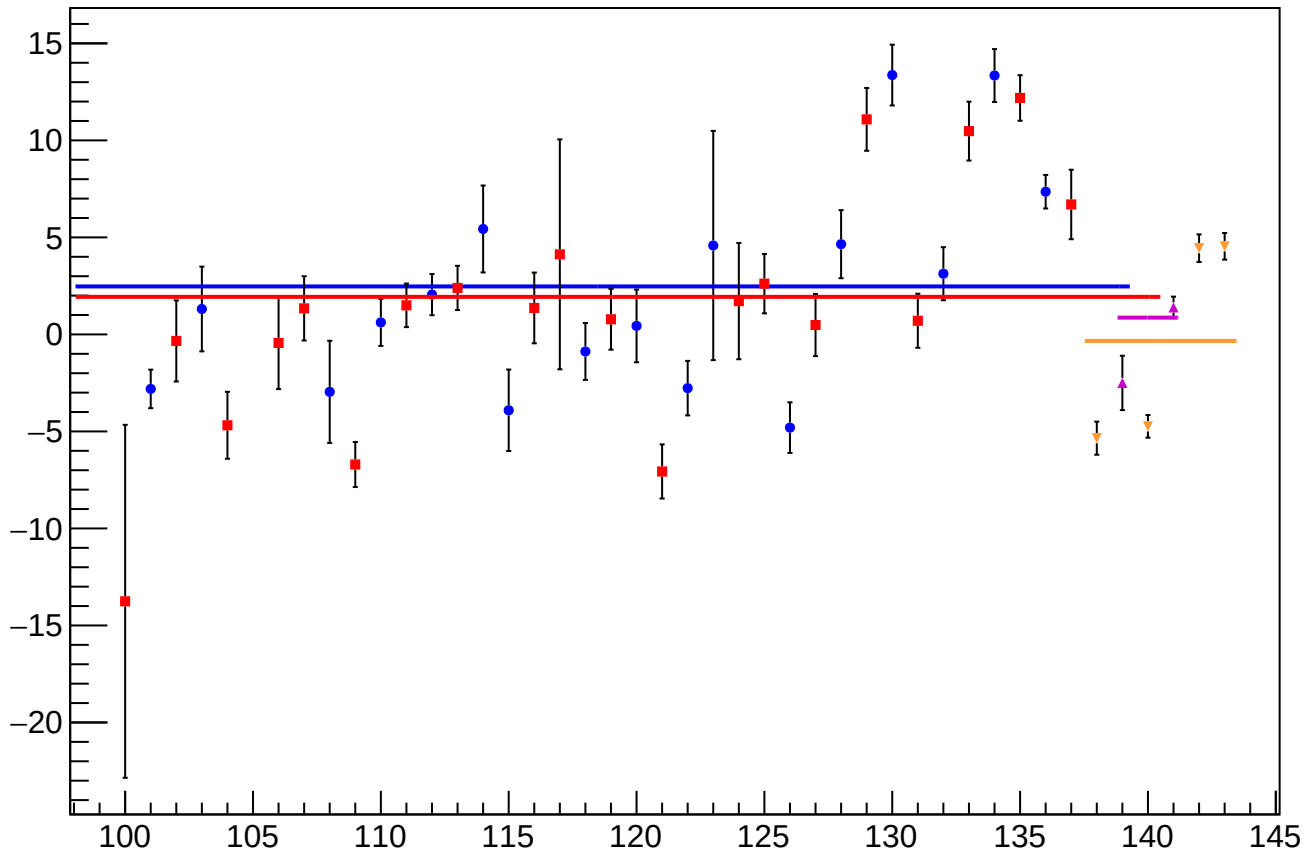
Right Out: -57.320 ± 0.535 $\chi^2/\text{NDF}: 479.3/19$

Left In: -70.612 ± 0.539 $\chi^2/\text{NDF}: 88.9/1$

-60.824 ± 0.323 $\chi^2/\text{NDF}: 997.0/20$

-63.919 ± 0.379 $\chi^2/\text{NDF}: 875.0/21$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: -0.335 ± 0.345 χ^2/NDF : 187.0/3

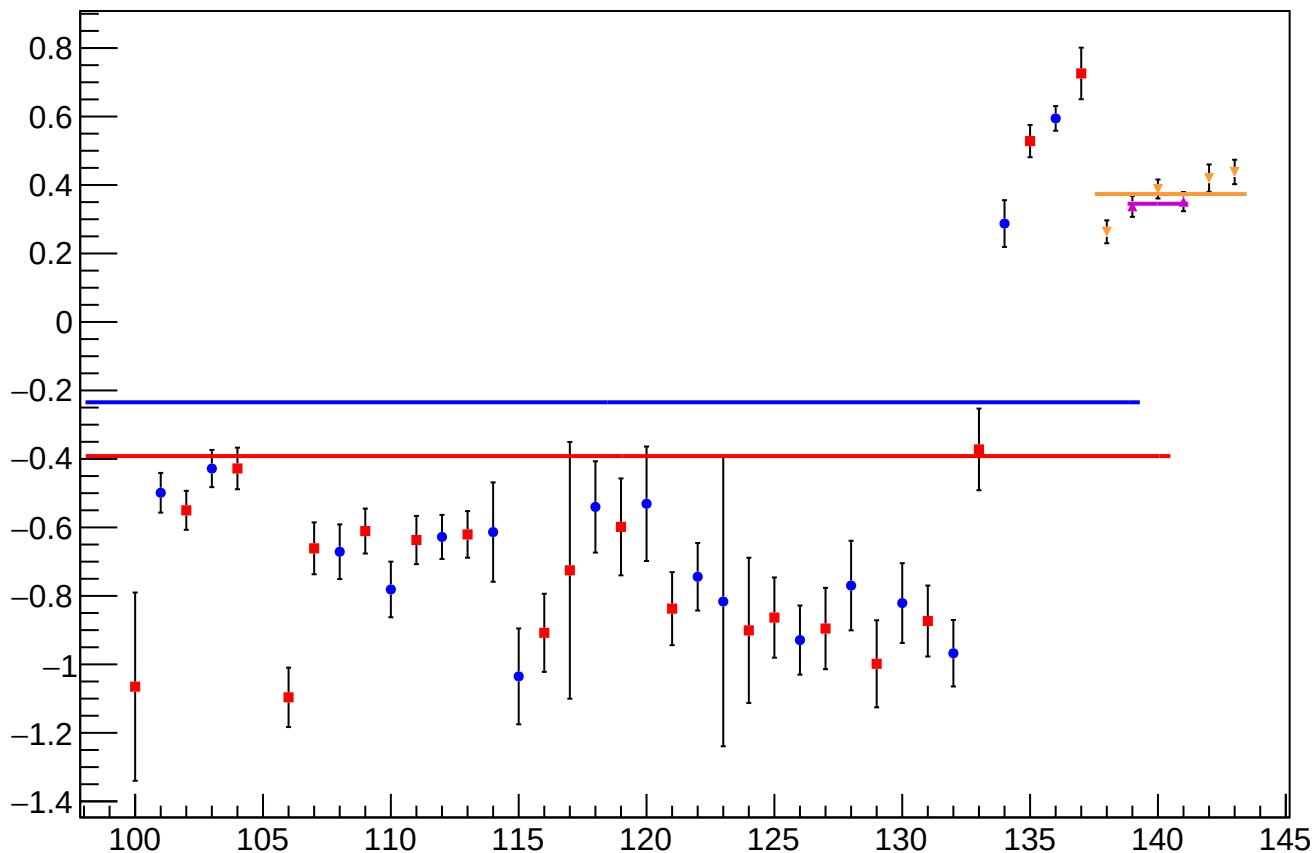
Right Out: 1.936 ± 0.354 χ^2/NDF : 266.8/19

Left In: 0.865 ± 0.515 χ^2/NDF : 6.7/1

1.066 ± 0.244 χ^2/NDF : 463.7/20

1.593 ± 0.292 χ^2/NDF : 276.4/21

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 $\chi^2/\text{NDF}: 958.4/16$

Left Out: 0.374 ± 0.017 $\chi^2/\text{NDF}: 15.7/3$

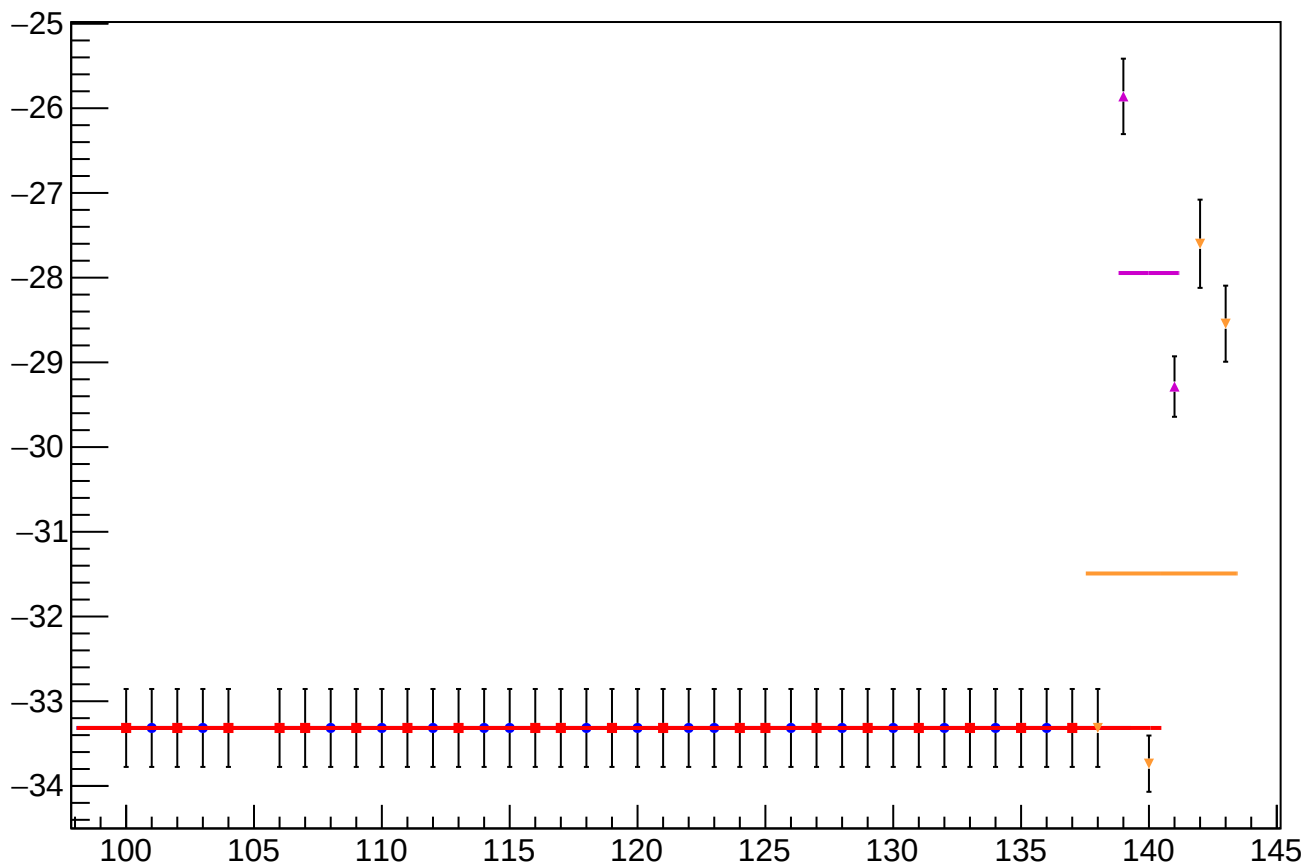
Right Out: -0.392 ± 0.019 $\chi^2/\text{NDF}: 854.1/19$

Left In: 0.345 ± 0.021 $\chi^2/\text{NDF}: 0.1/1$

0.107 ± 0.012 $\chi^2/\text{NDF}: 1558.0/20$

-0.055 ± 0.014 $\chi^2/\text{NDF}: 1546.9/21$

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -33.316 ± 0.112 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -31.492 ± 0.211 $\chi^2/\text{NDF}: 160.4/3$

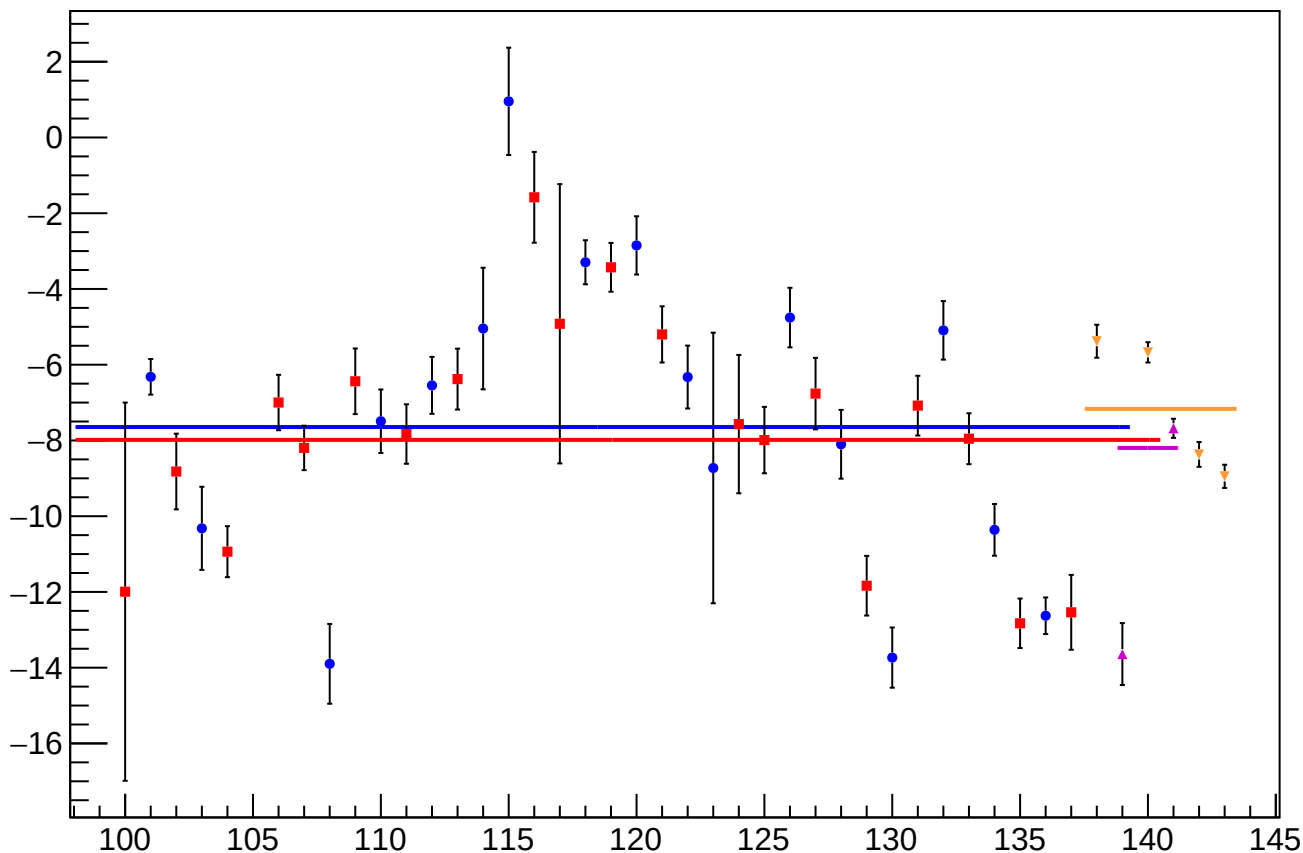
Right Out: -33.316 ± 0.103 $\chi^2/\text{NDF}: 0.0/19$

Left In: -27.945 ± 0.278 $\chi^2/\text{NDF}: 36.0/1$

-32.917 ± 0.099 $\chi^2/\text{NDF}: 218.8/20$

-32.671 ± 0.096 $\chi^2/\text{NDF}: 363.2/21$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.166 ± 0.160 χ^2/NDF : 95.1/3

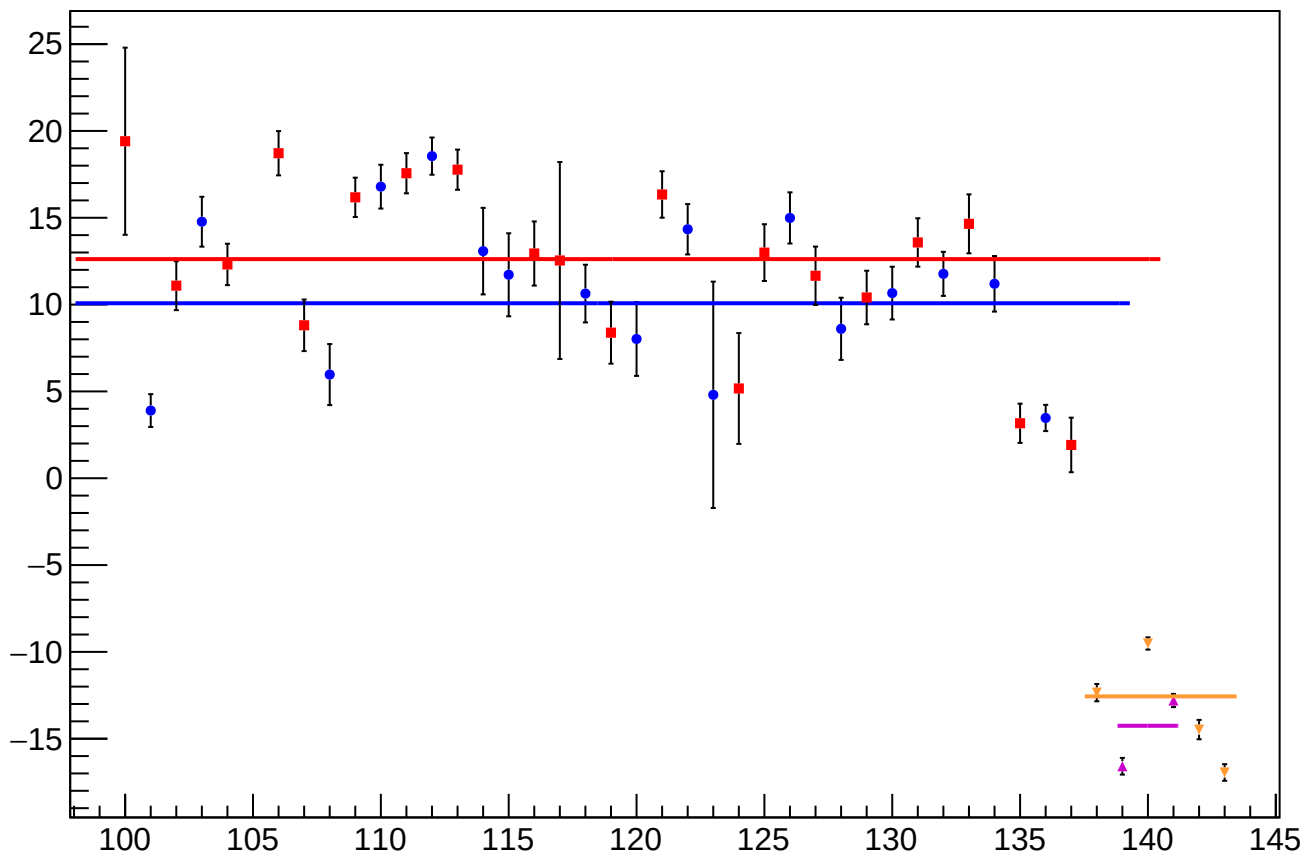
Right Out: -7.985 ± 0.186 χ^2/NDF : 226.1/19

Left In: -8.198 ± 0.241 χ^2/NDF : 48.5/1

-7.370 ± 0.121 χ^2/NDF : 492.6/20

-8.064 ± 0.147 χ^2/NDF : 275.2/21

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077+/-0.337 χ^2/NDF : 252.8/16

Left Out: -12.562+/-0.226 χ^2/NDF :169.9/3

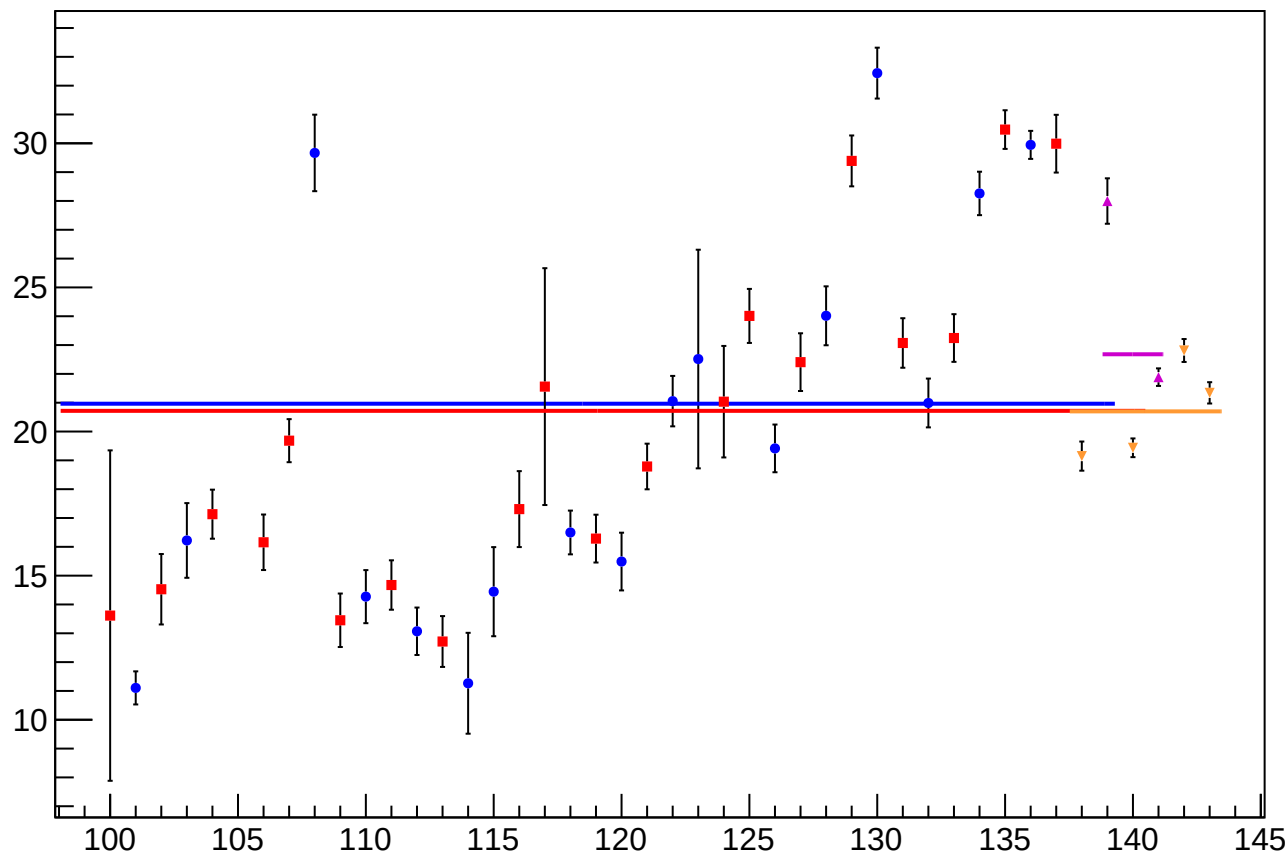
Right Out: 12.620+/-0.332 χ^2/NDF : 220.0/19

Left In: -14.255+/-0.298 χ^2/NDF :38.2/1

-5.539+/-0.188 χ^2/NDF : 3539.8/20

-2.263+/-0.222 χ^2/NDF : 3889.7/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2/NDF : 1225.5/16

Left Out: 20.699 $\pm$ 0.192 χ^2/NDF : 55.8/3

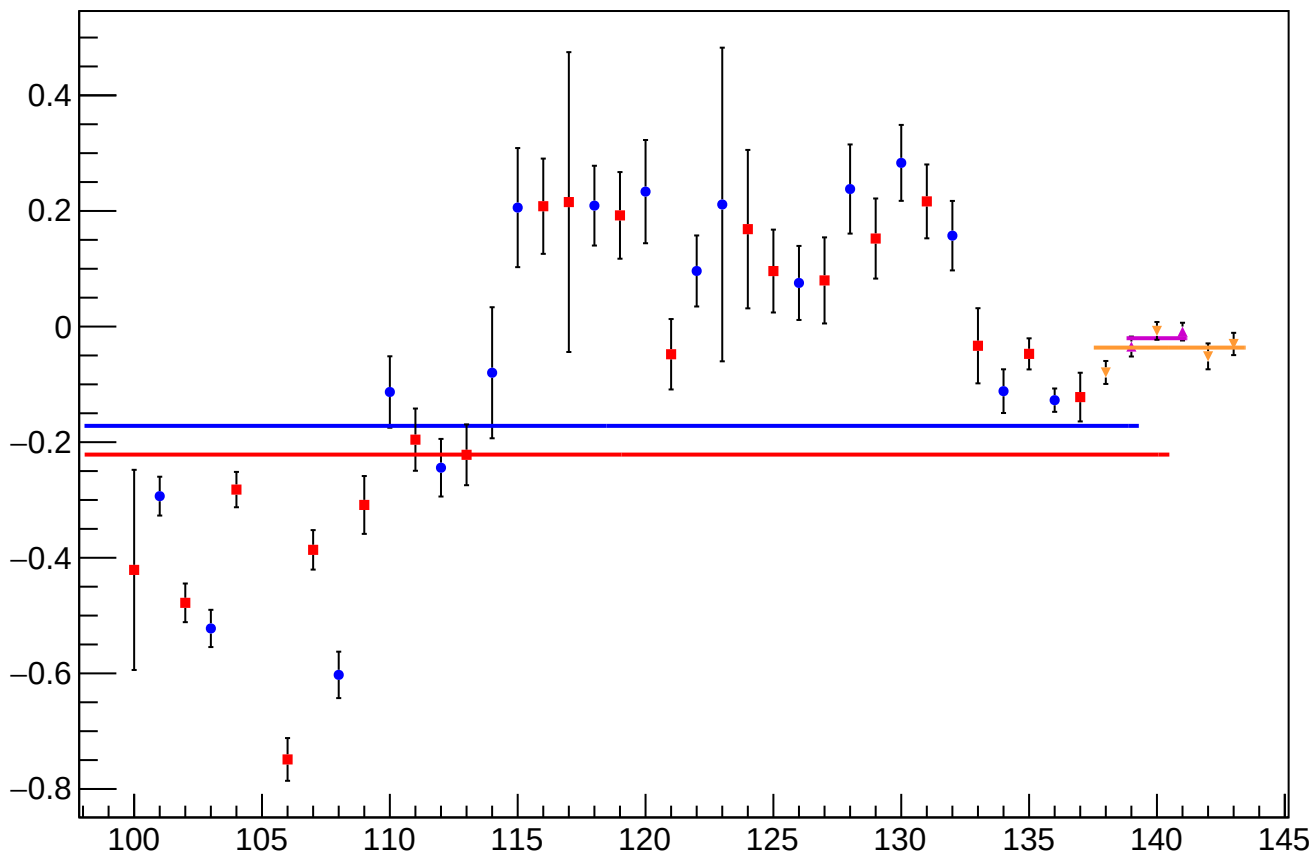
Right Out: 20.718 $\pm$ 0.212 χ^2/NDF : 729.9/19

Left In: 22.681 $\pm$ 0.284 χ^2/NDF : 52.3/1

20.821 $\pm$ 0.142 χ^2/NDF : 1282.1/20

21.421 $\pm$ 0.170 χ^2/NDF : 812.8/21

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.036 ± 0.009 χ^2/NDF : 8.8/3

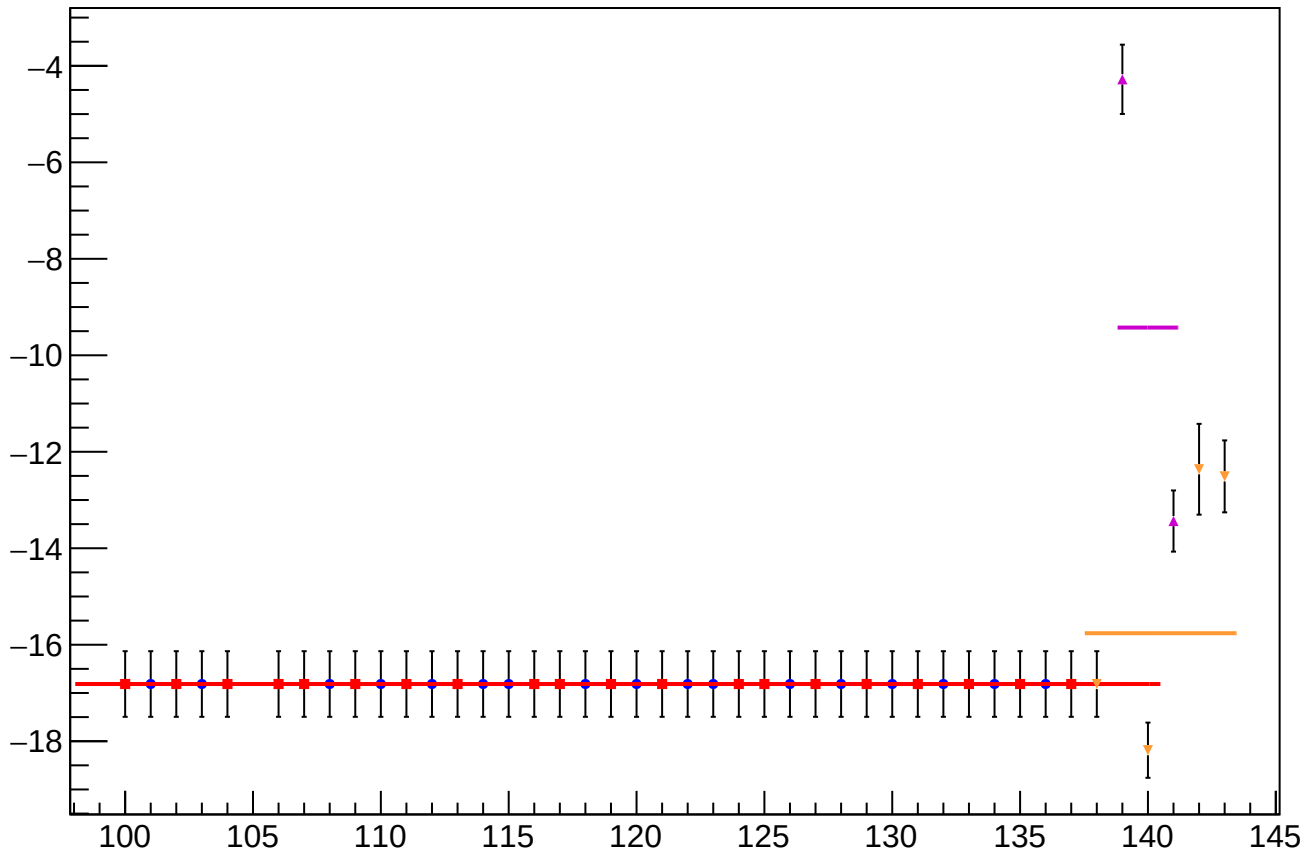
Right Out: -0.221 ± 0.011 χ^2/NDF : 538.9/19

Left In: -0.020 ± 0.011 χ^2/NDF : 1.3/1

-0.092 ± 0.007 χ^2/NDF : 559.2/20

-0.126 ± 0.008 χ^2/NDF : 701.8/21

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -16.814 ± 0.165 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -15.761 ± 0.350 $\chi^2/\text{NDF}: 52.4/3$

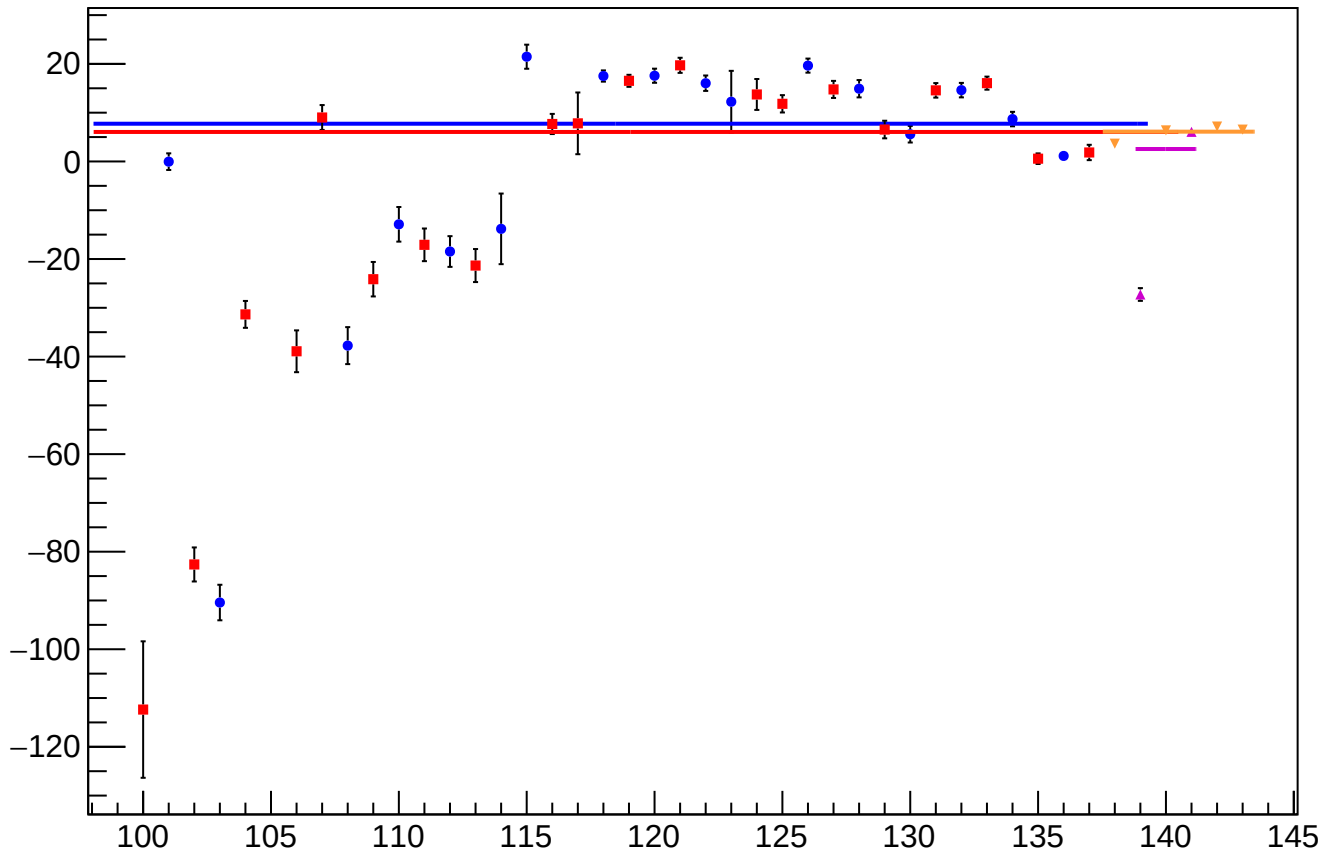
Right Out: -16.814 ± 0.152 $\chi^2/\text{NDF}: 0.0/19$

Left In: -9.425 ± 0.475 $\chi^2/\text{NDF}: 91.4/1$

-16.623 ± 0.149 $\chi^2/\text{NDF}: 59.8/20$

-16.128 ± 0.145 $\chi^2/\text{NDF}: 310.6/21$

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736+/-0.403 χ^2/NDF : 1358.4/16

Left Out: 6.613+/-0.224 χ^2/NDF : 1388.2/20

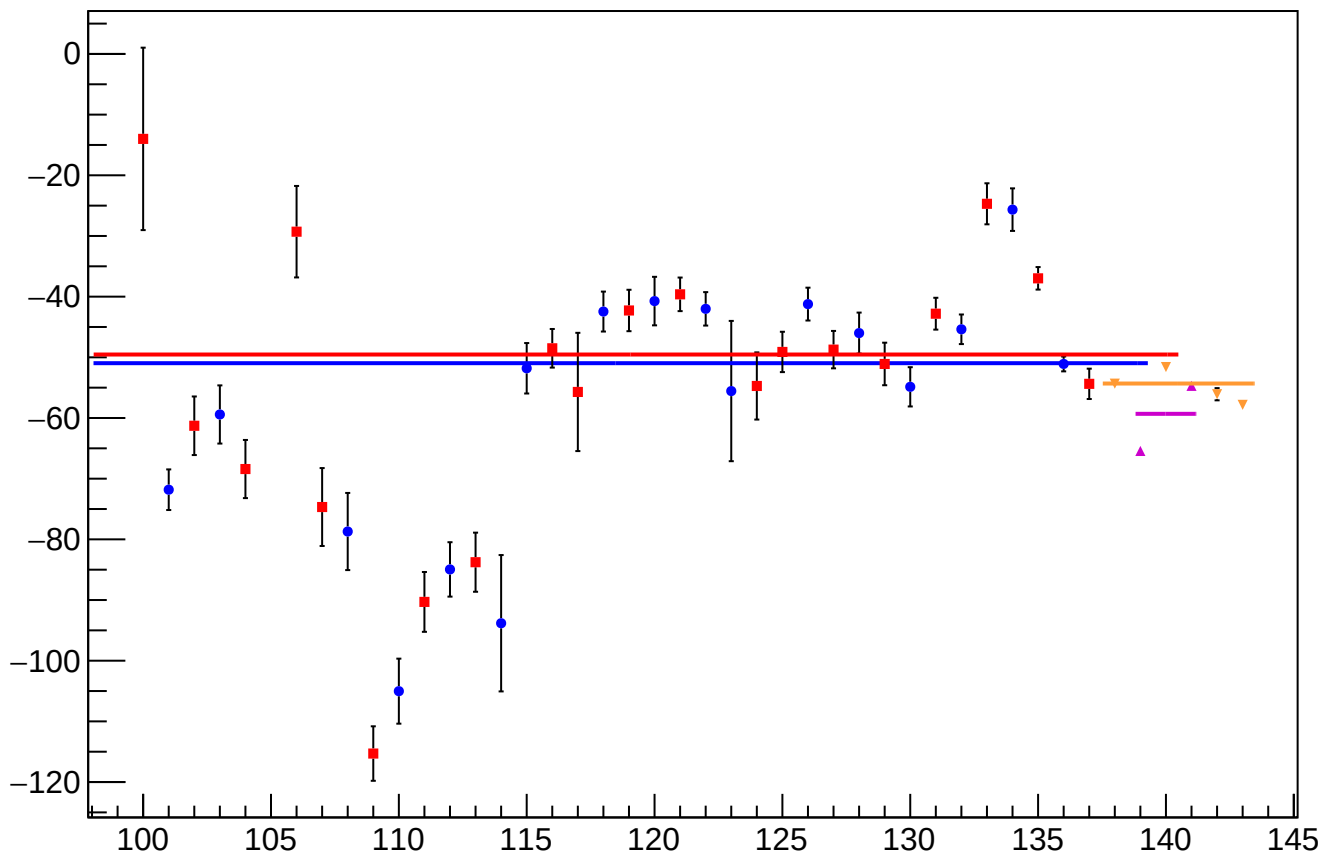
6.613+/-0.224 χ^2/NDF : 1388.2/20

Right Out: 6.048+/-0.433 χ^2/NDF : 1512.2/19

4.266+/-0.303 χ^2/NDF : 2127.4/21

Left In: 2.553+/-0.425 χ^2/NDF : 582.0/1

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 $\pm$ 0.738 χ^2 /NDF: 332.7/16

Left Out: -54.319 $\pm$ 0.375 χ^2 /NDF: 42.5/3

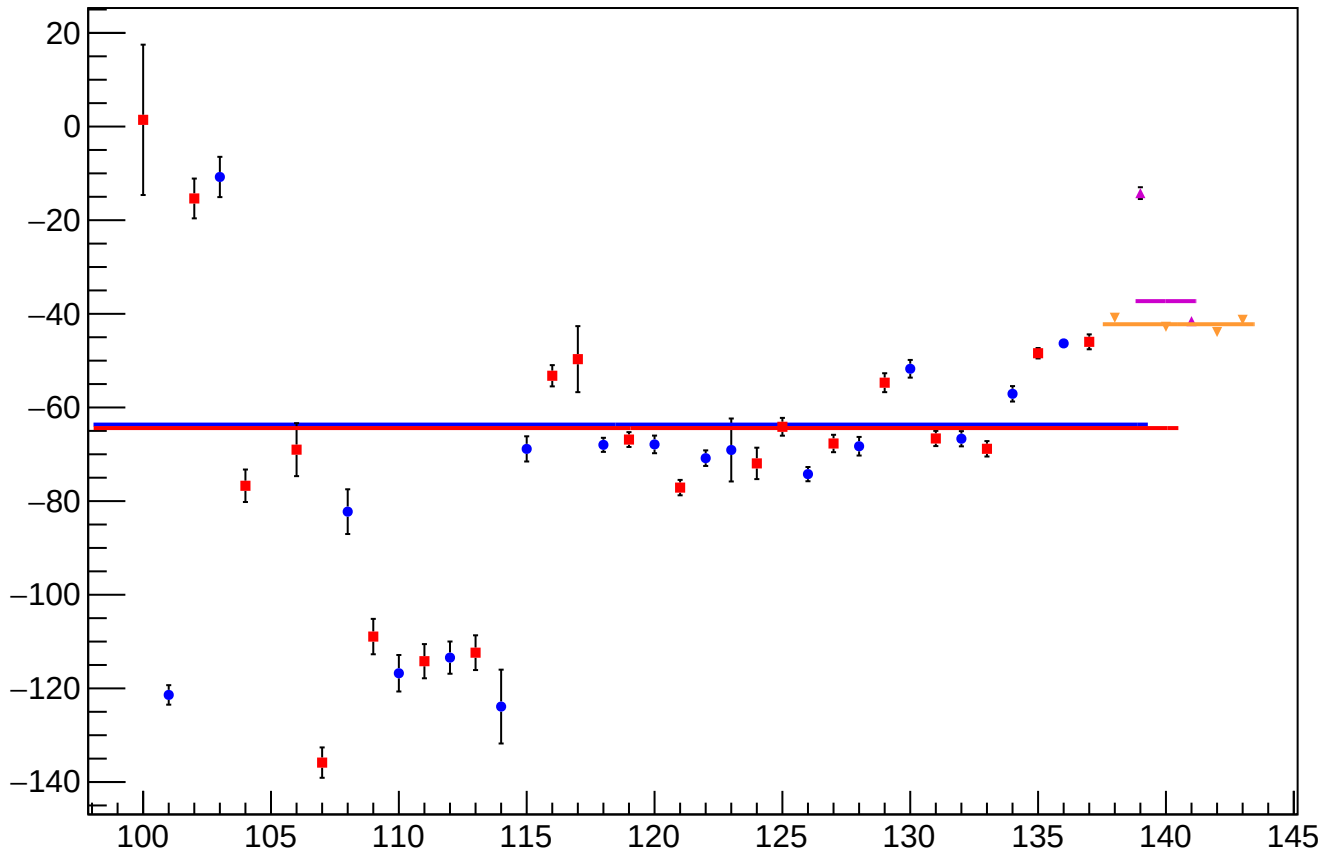
Right Out: -49.538 $\pm$ 0.795 χ^2 /NDF: 510.8/19

Left In: -59.313 $\pm$ 0.509 χ^2 /NDF: 108.8/1

-53.630 $\pm$ 0.334 χ^2 /NDF: 391.5/20

-56.469 $\pm$ 0.429 χ^2 /NDF: 726.9/21

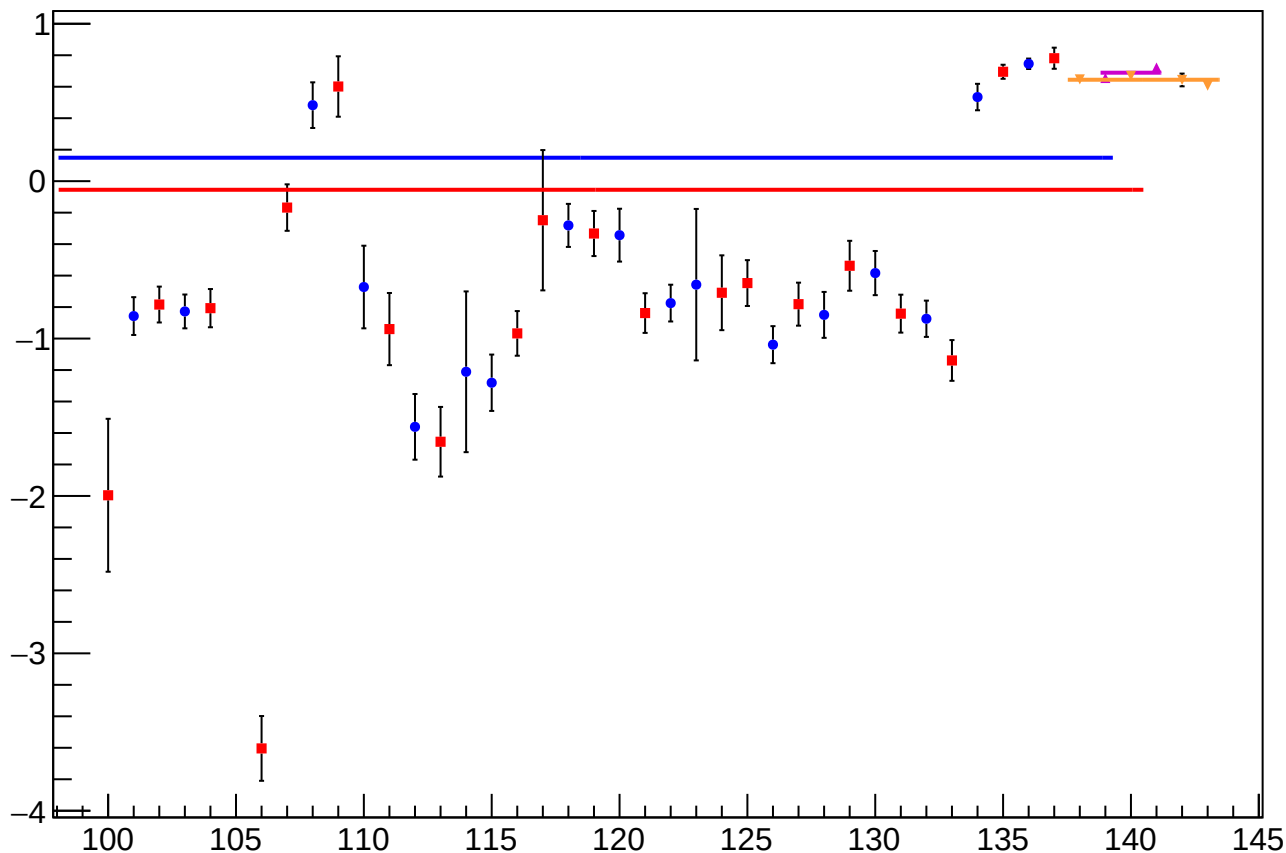
reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



-49.646 ± 0.262 $\chi^2/\text{NDF}: 3540.9/20$

-51.302 ± 0.346 $\chi^2/\text{NDF}: 3541.5/21$

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149+/-0.024 χ^2/NDF : 989.9/16

Left Out: 0.644+/-0.016 χ^2/NDF : 2.3/3

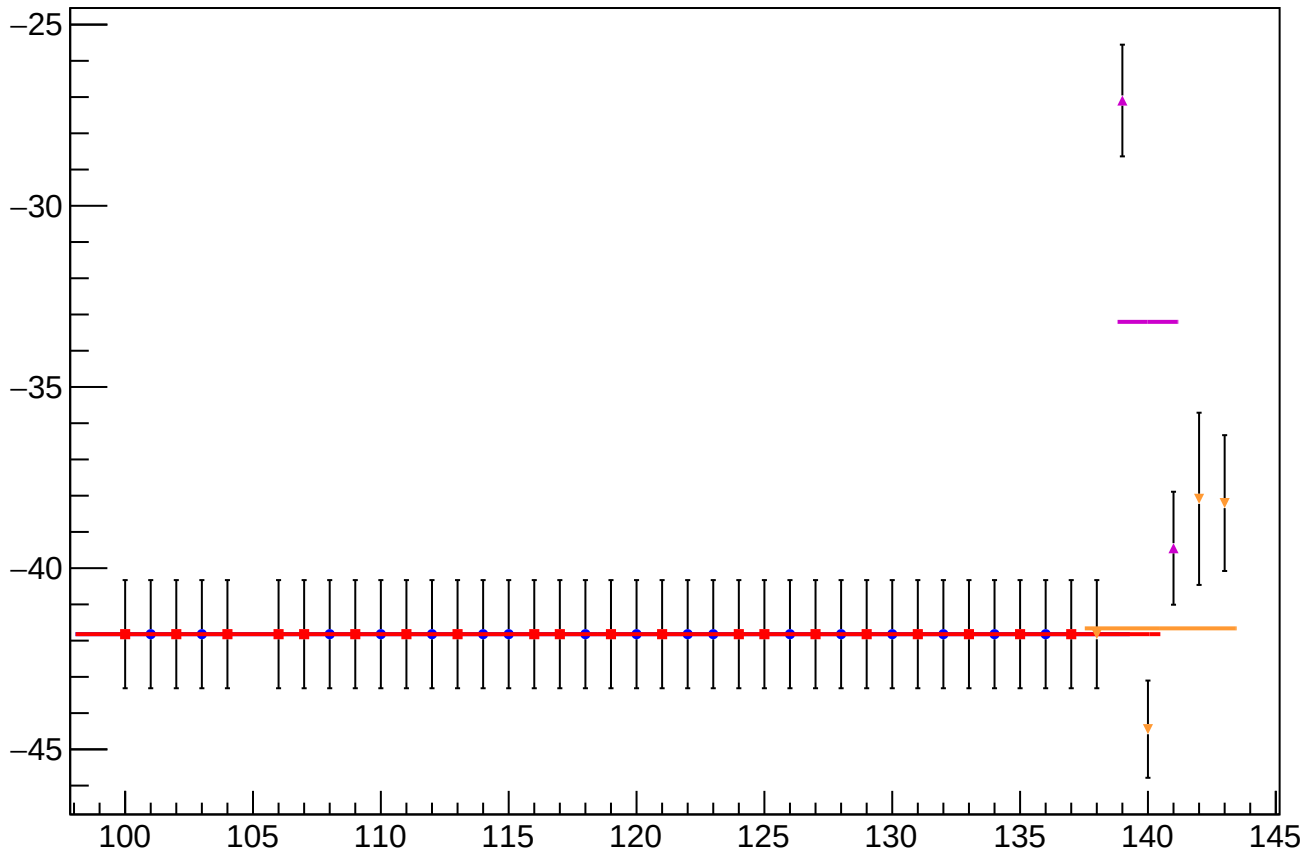
Right Out: -0.055+/-0.026 χ^2/NDF : 1168.0/19

Left In: 0.689+/-0.019 χ^2/NDF : 3.0/1

0.498+/-0.013 χ^2/NDF : 1293.3/20

0.425+/-0.016 χ^2/NDF : 1693.1/21

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -41.821 ± 0.362 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -41.661 ± 0.826 $\chi^2/\text{NDF}: 10.0/3$

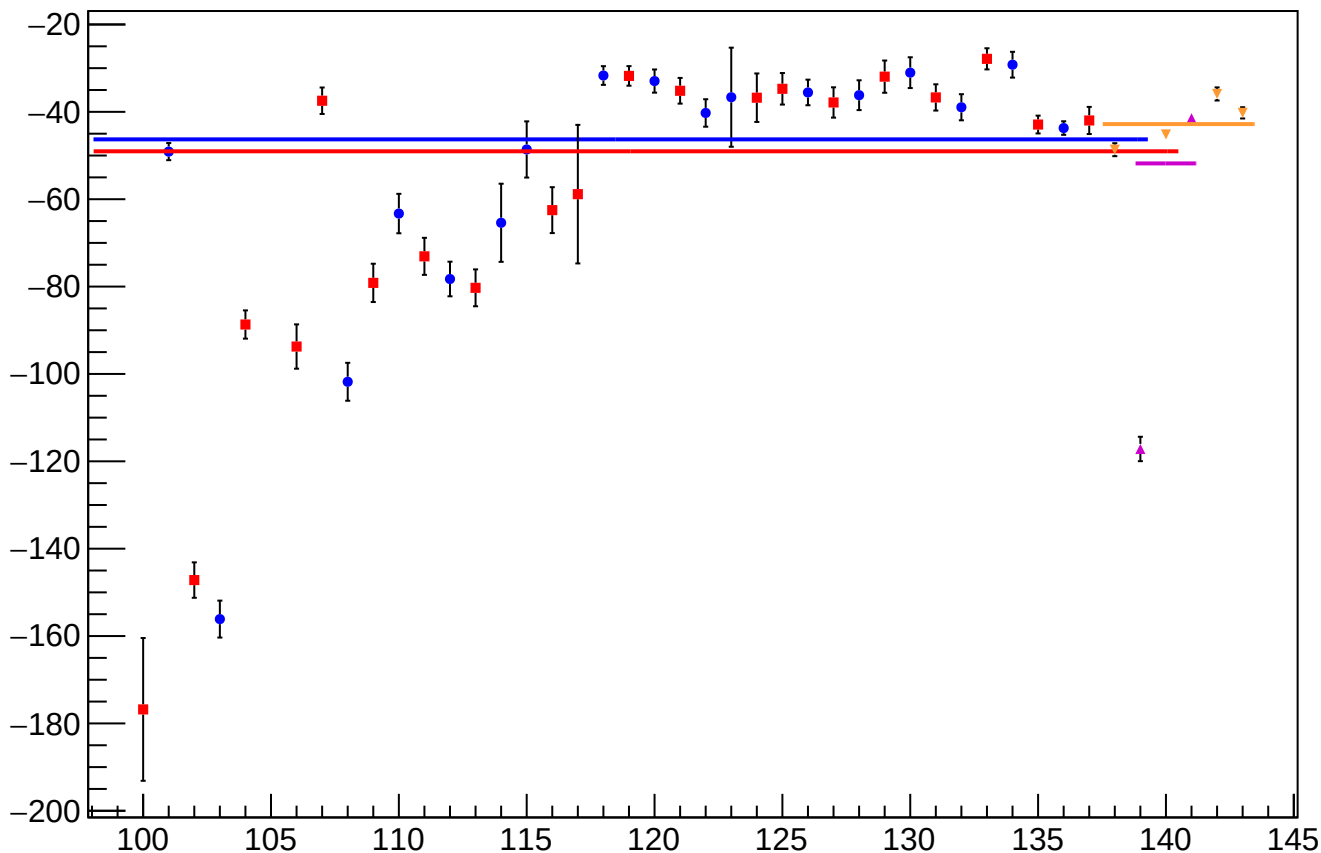
Right Out: -41.821 ± 0.334 $\chi^2/\text{NDF}: 0.0/19$

Left In: -33.203 ± 1.096 $\chi^2/\text{NDF}: 31.8/1$

-41.796 ± 0.331 $\chi^2/\text{NDF}: 10.0/20$

-41.090 ± 0.319 $\chi^2/\text{NDF}: 88.4/21$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 $\pm$ 0.723 χ^2 /NDF: 1084.0/16

Left Out: -42.803 $\pm$ 0.655 χ^2 /NDF: 45.3/3

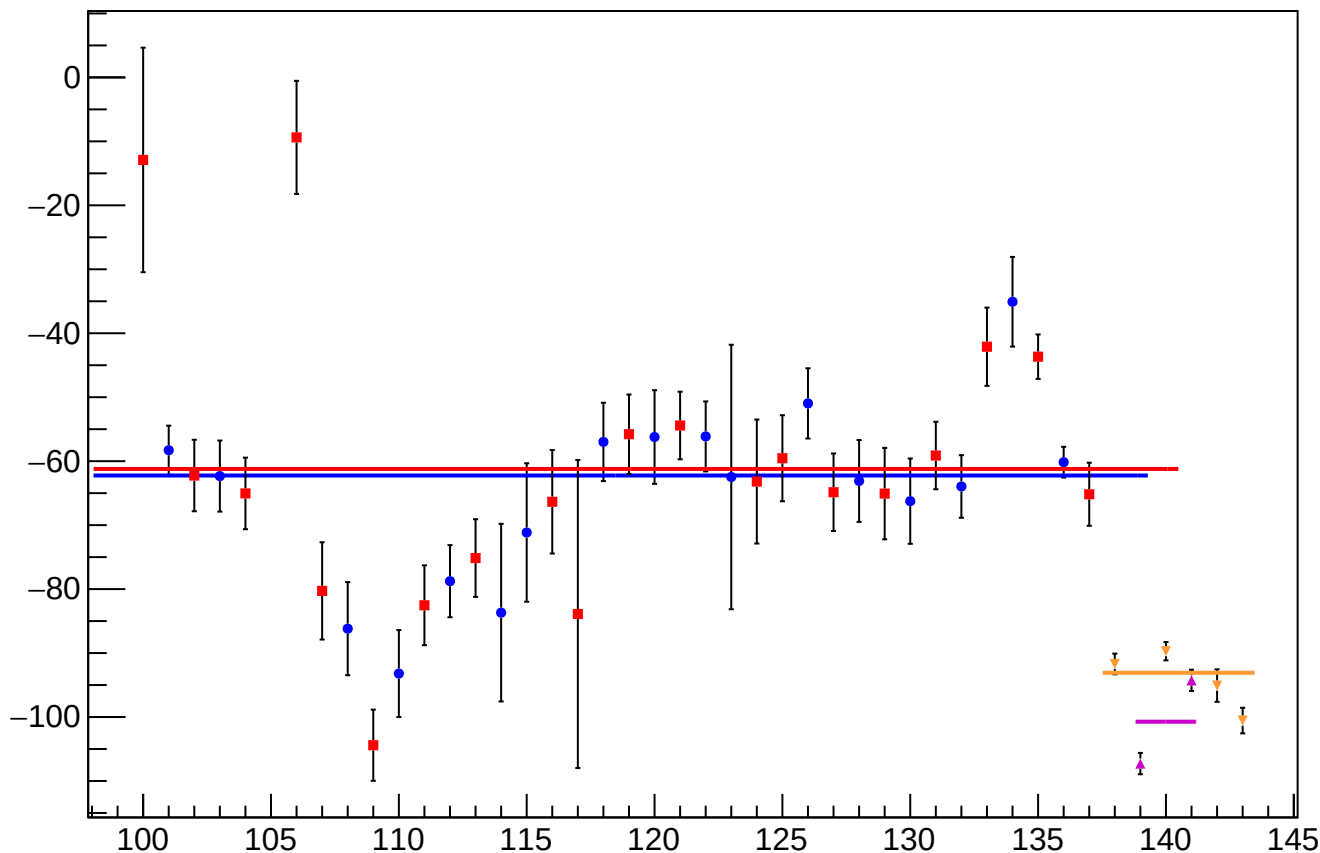
Right Out: -49.031 $\pm$ 0.763 χ^2 /NDF: 1272.0/19

Left In: -51.806 $\pm$ 1.032 χ^2 /NDF: 634.8/1

-44.381 $\pm$ 0.486 χ^2 /NDF: 1142.2/20

-50.012 $\pm$ 0.613 χ^2 /NDF: 1911.6/21

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$

Left Out: -93.083 ± 0.885 $\chi^2/\text{NDF}: 20.9/3$

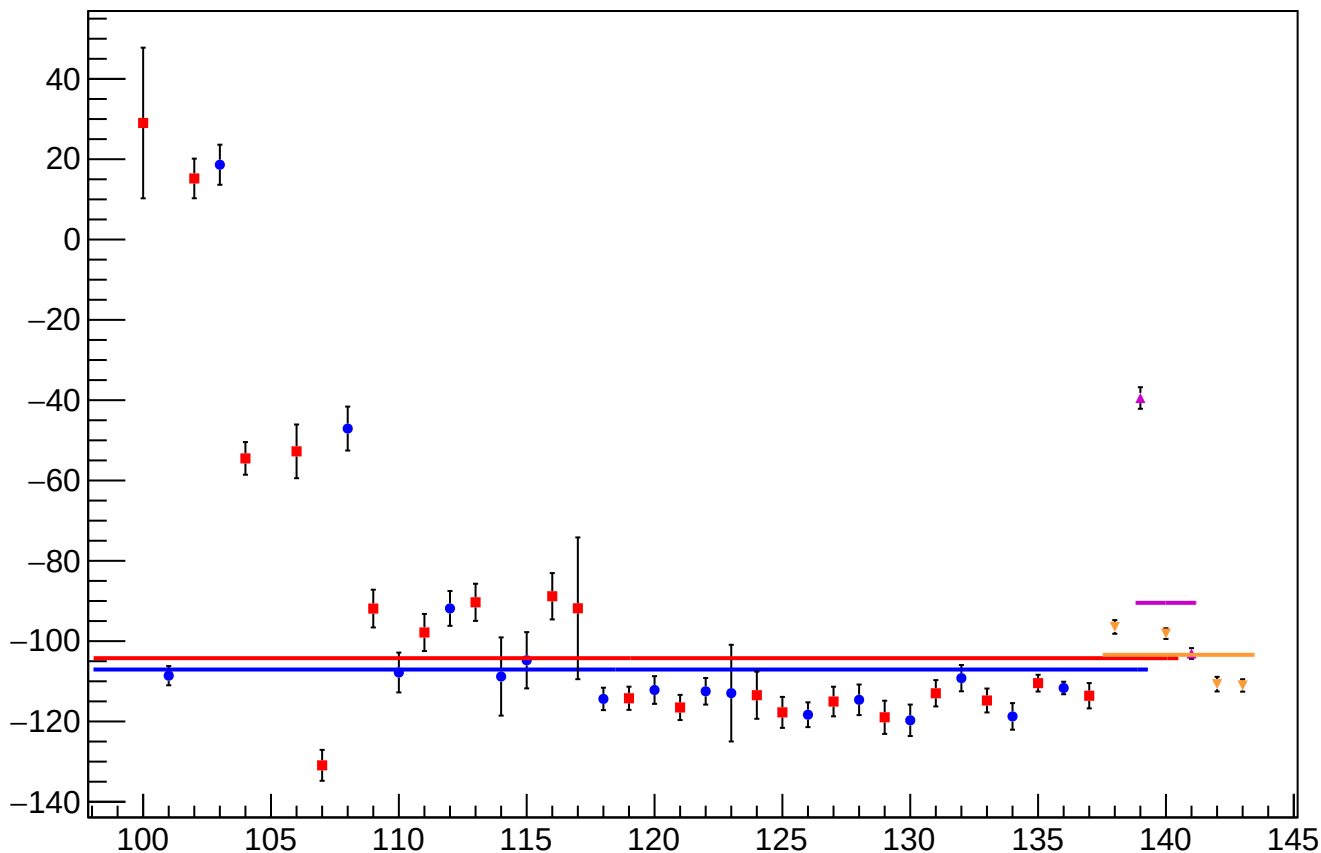
Right Out: -61.216 ± 1.377 $\chi^2/\text{NDF}: 166.5/19$

Left In: -100.733 ± 1.176 $\chi^2/\text{NDF}: 30.6/1$

-83.419 ± 0.733 $\chi^2/\text{NDF}: 468.8/20$

-84.077 ± 0.894 $\chi^2/\text{NDF}: 673.4/21$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 $\chi^2/\text{NDF}: 828.4/16$

-105.169 ± 0.563 $\chi^2/\text{NDF}: 911.8/20$

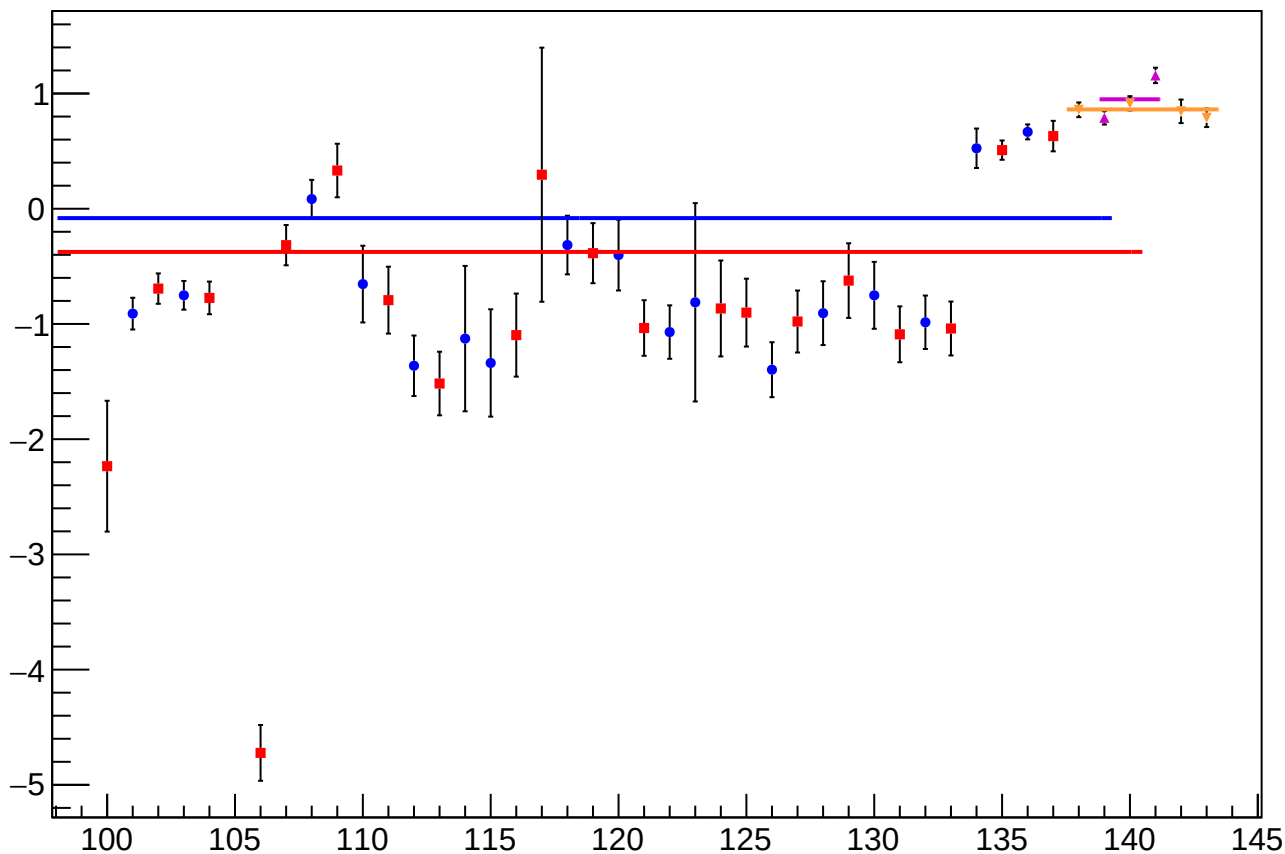
Left Out: -103.403 ± 0.783 $\chi^2/\text{NDF}: 72.9/3$

Right Out: -104.240 ± 0.860 $\chi^2/\text{NDF}: 1019.1/19$

-99.551 ± 0.698 $\chi^2/\text{NDF}: 1555.3/21$

Left In: -90.462 ± 1.197 $\chi^2/\text{NDF}: 448.8/1$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.862 ± 0.036 χ^2/NDF : 1.6/3

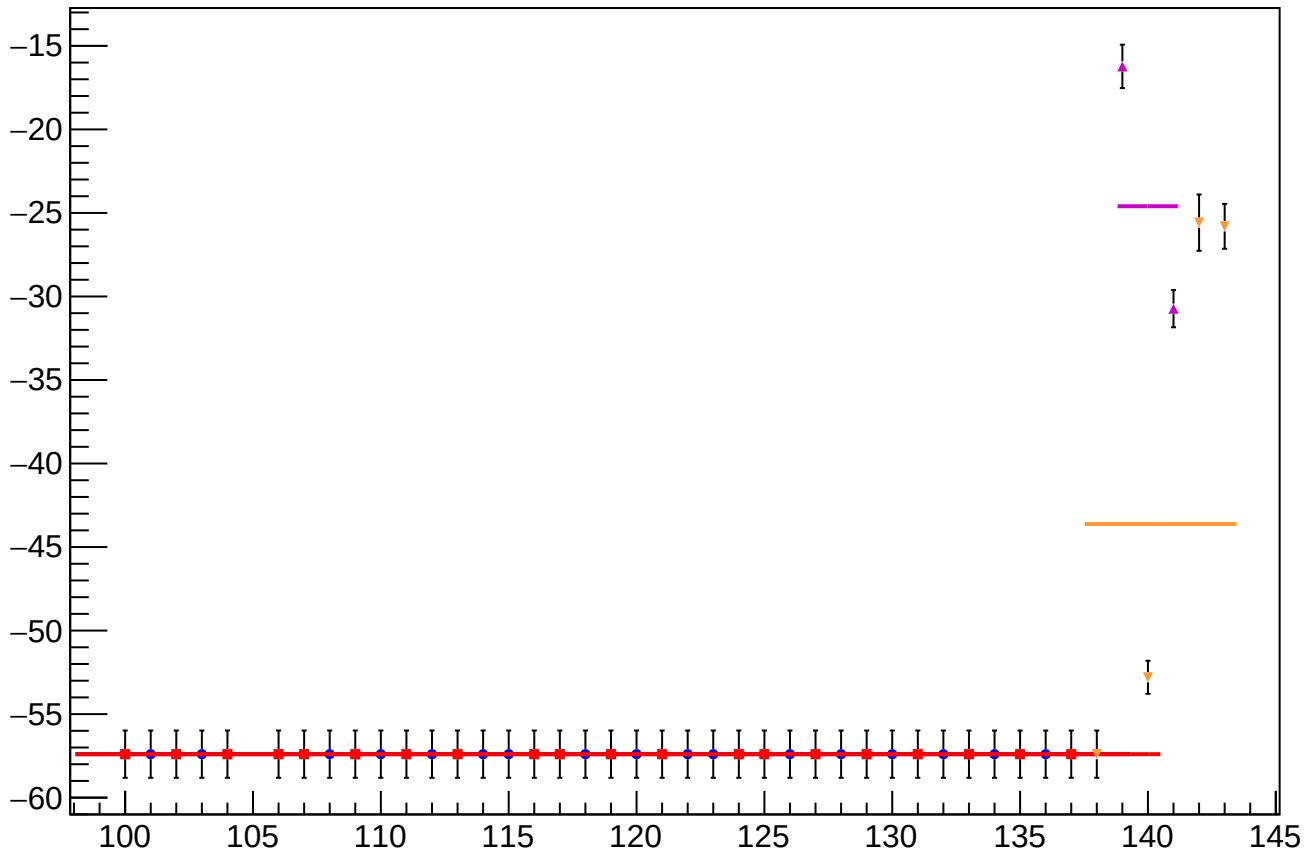
Right Out: -0.375 ± 0.044 χ^2/NDF : 583.4/19

Left In: 0.950 ± 0.044 χ^2/NDF : 17.0/1

0.459 ± 0.028 χ^2/NDF : 617.2/20

0.282 ± 0.031 χ^2/NDF : 1052.5/21

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -57.398 ± 0.343 χ^2/NDF : 0.0/16

Left Out: -43.623 ± 0.642 χ^2/NDF : 471.4/3

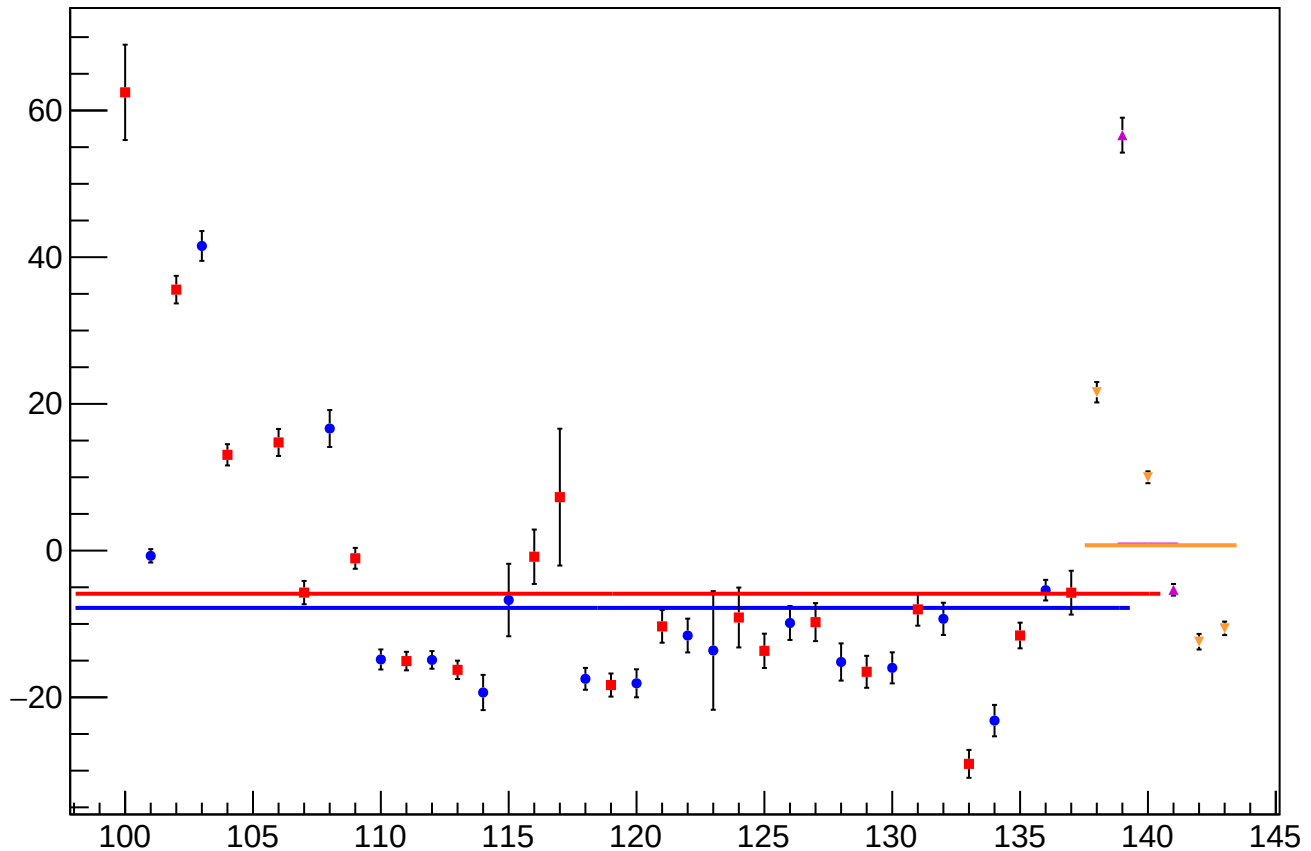
Right Out: -57.398 ± 0.316 χ^2/NDF : 0.0/19

Left In: -24.599 ± 0.845 χ^2/NDF : 71.8/1

-54.337 ± 0.303 χ^2/NDF : 829.5/20

-53.370 ± 0.296 χ^2/NDF : 1392.1/21

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: 0.730 ± 0.494 χ^2/NDF : 659.0/3

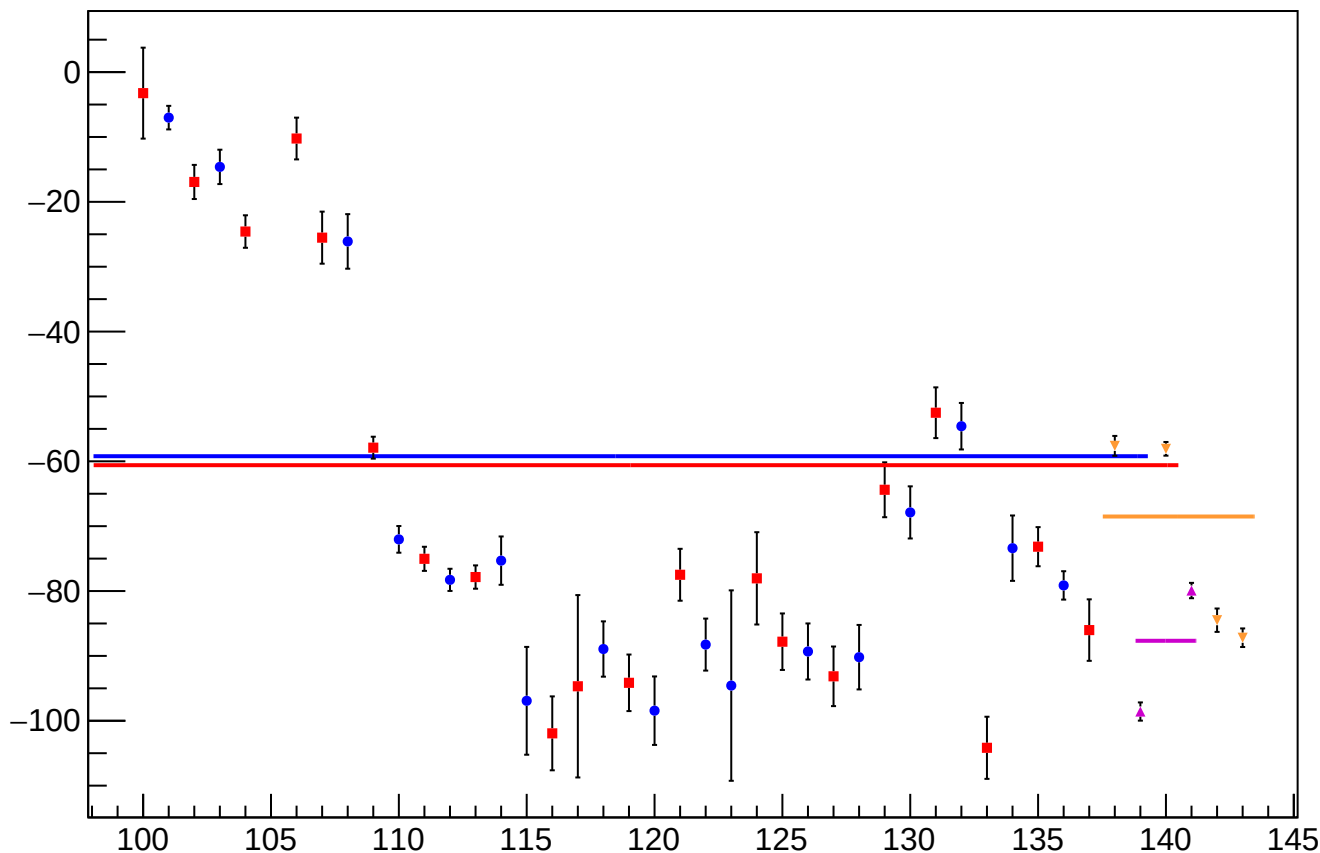
Right Out: -5.880 ± 0.429 χ^2/NDF : 1295.1/19

Left In: 0.824 ± 0.751 χ^2/NDF : 610.4/1

-4.153 ± 0.323 χ^2/NDF : 1812.9/20

-4.233 ± 0.372 χ^2/NDF : 1965.5/21

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 $\chi^2/\text{NDF}: 1720.4/16$

Left Out: -68.510 ± 0.687 $\chi^2/\text{NDF}: 396.9/3$

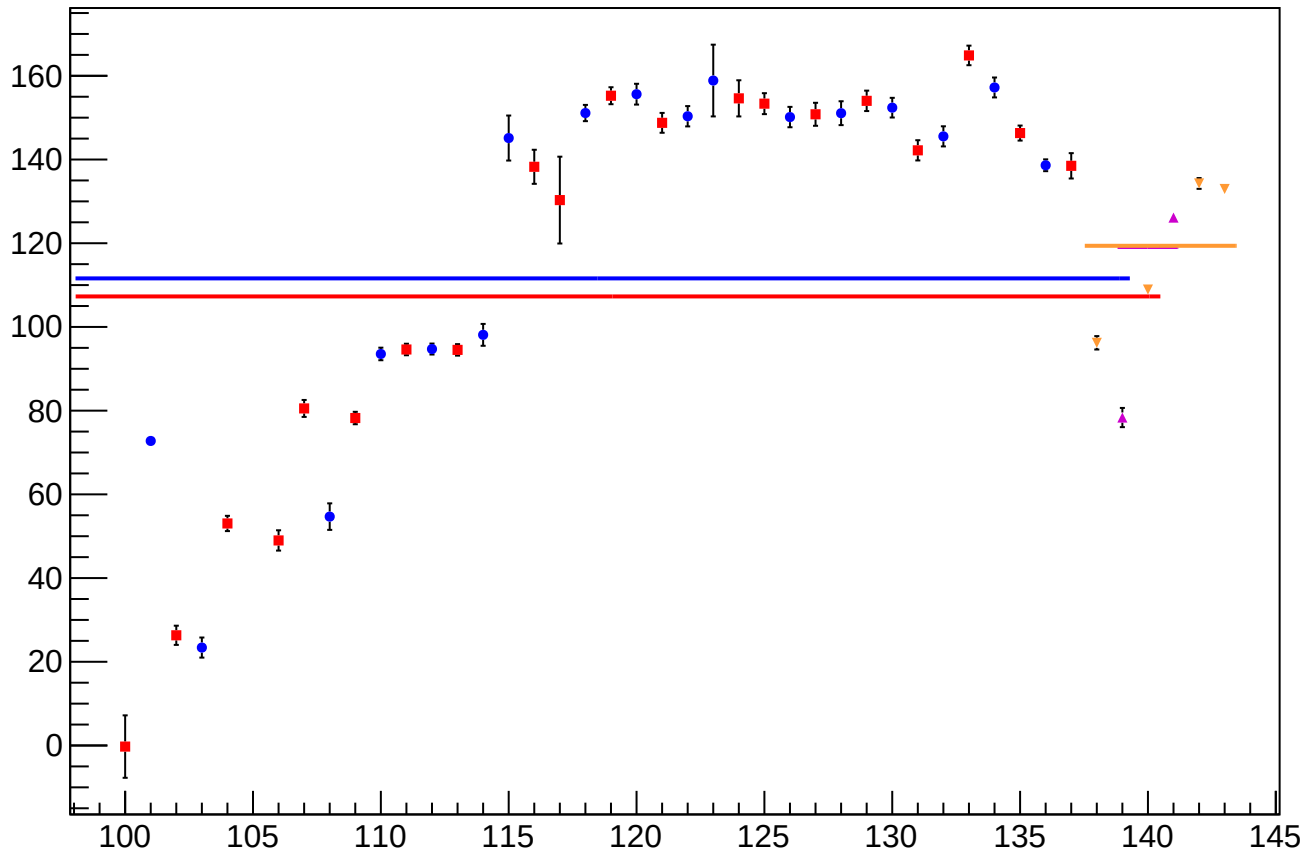
Right Out: -60.598 ± 0.703 $\chi^2/\text{NDF}: 1389.8/19$

Left In: -87.669 ± 0.905 $\chi^2/\text{NDF}: 103.2/1$

-64.230 ± 0.505 $\chi^2/\text{NDF}: 2201.6/20$

-70.792 ± 0.555 $\chi^2/\text{NDF}: 2050.8/21$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 $\pm$ 0.487 χ^2 /NDF: 5959.5/16

Left Out: 119.388 $\pm$ 0.592 χ^2 /NDF: 607.1/3

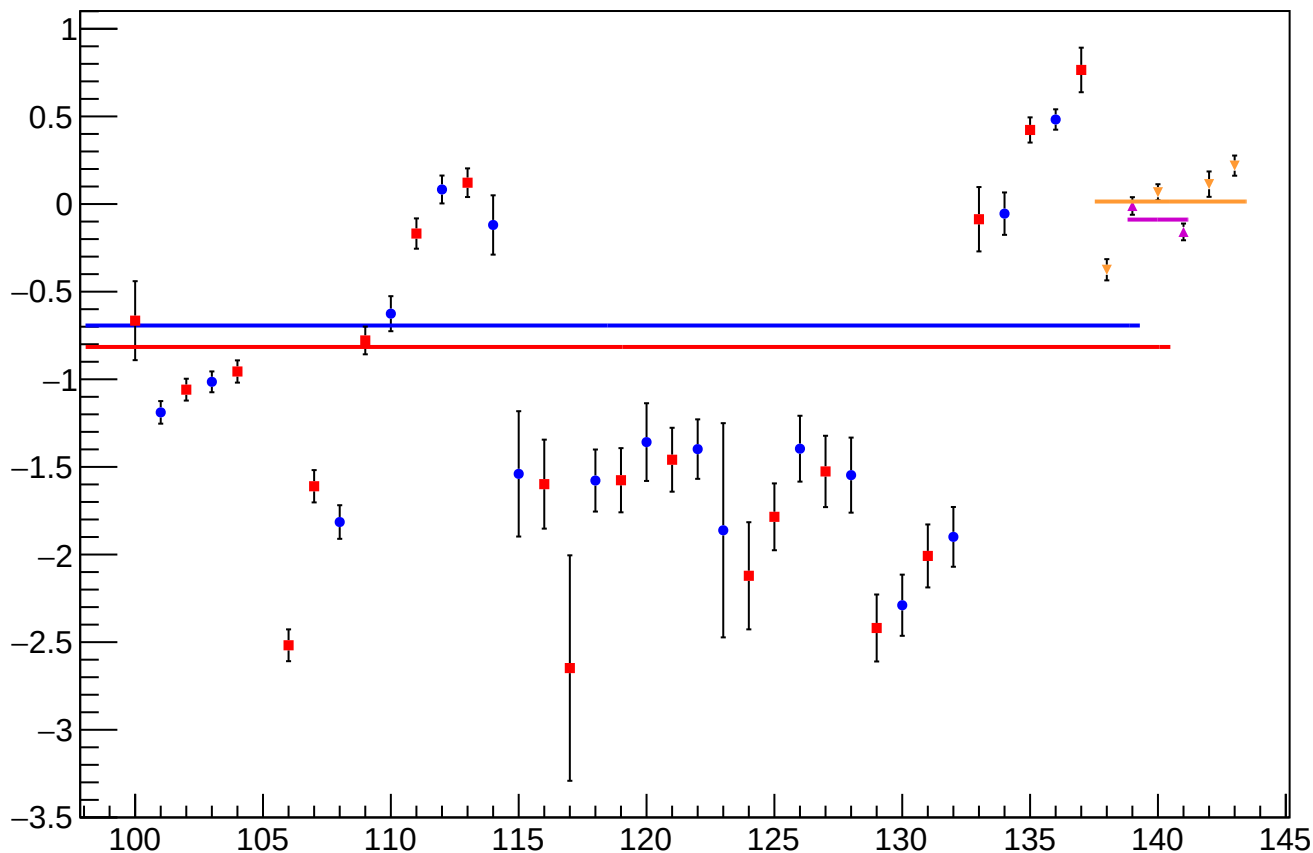
Right Out: 107.289 $\pm$ 0.487 χ^2 /NDF: 7042.4/19

Left In: 119.099 $\pm$ 0.880 χ^2 /NDF: 369.5/1

114.739 $\pm$ 0.376 χ^2 /NDF: 6669.9/20

110.059 $\pm$ 0.426 χ^2 /NDF: 7549.7/21

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: 0.014 ± 0.028 χ^2/NDF : 57.2/3

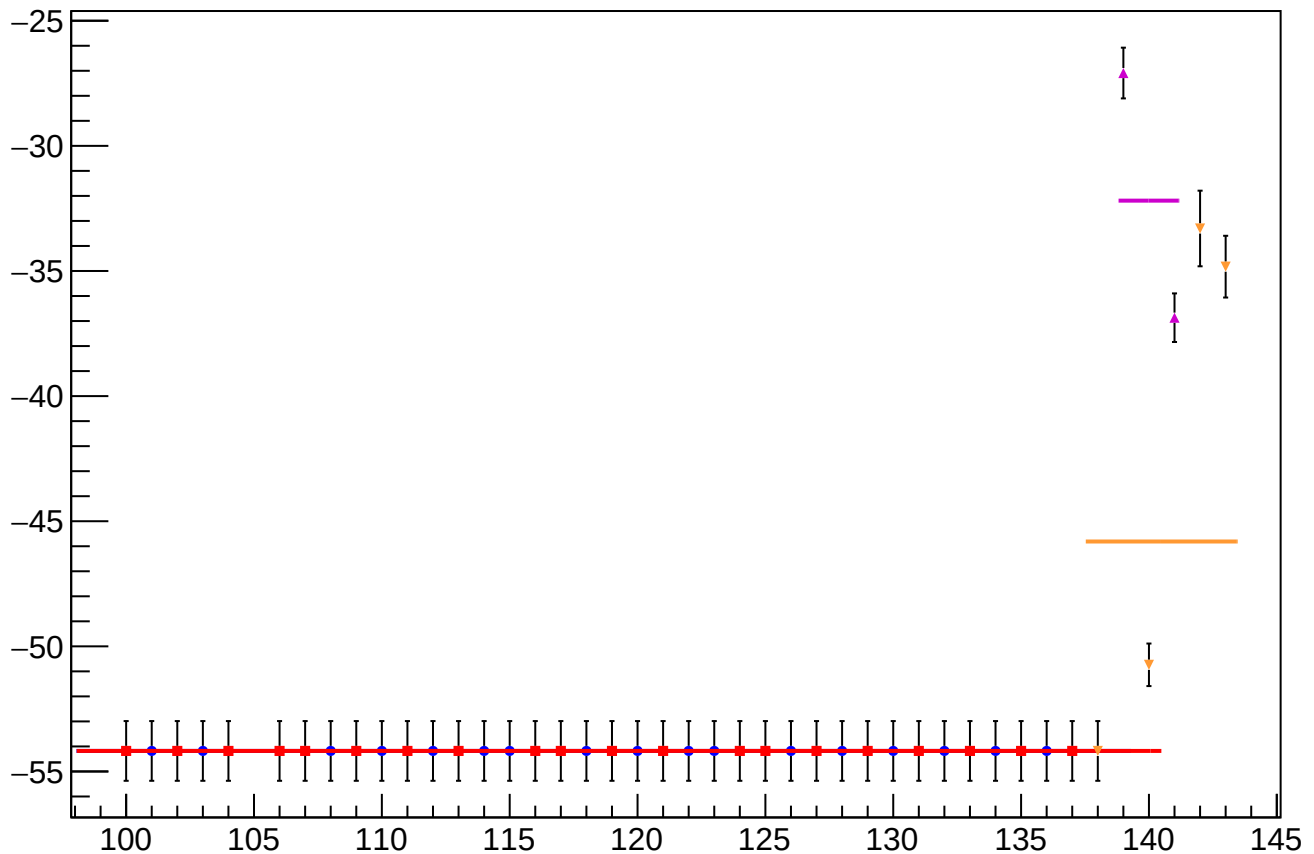
Right Out: -0.815 ± 0.024 χ^2/NDF : 1318.8/19

Left In: -0.089 ± 0.035 χ^2/NDF : 4.6/1

-0.373 ± 0.019 χ^2/NDF : 1390.9/20

-0.575 ± 0.020 χ^2/NDF : 1618.7/21

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -54.179 ± 0.289 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -45.810 ± 0.561 $\chi^2/\text{NDF}: 230.6/3$

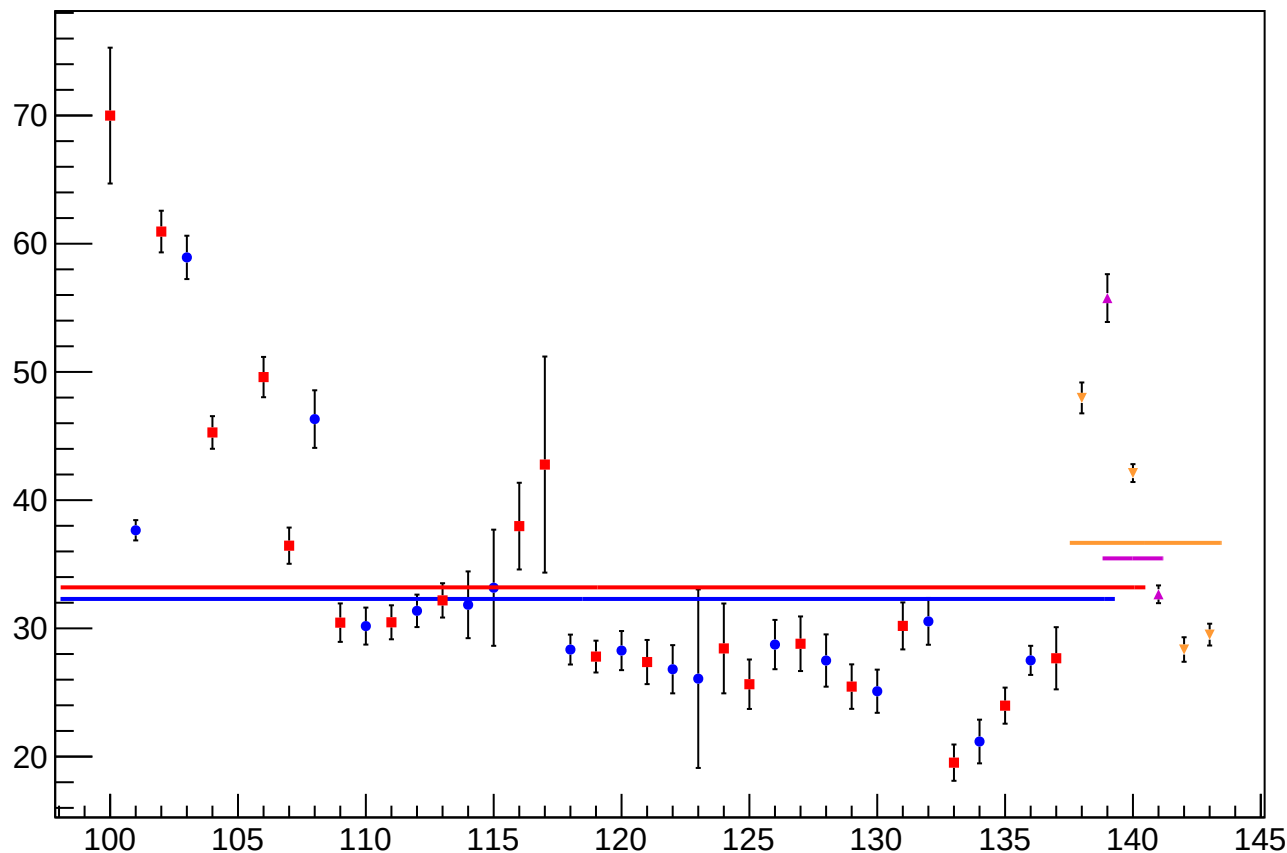
Right Out: -54.179 ± 0.267 $\chi^2/\text{NDF}: 0.0/19$

Left In: -32.189 ± 0.701 $\chi^2/\text{NDF}: 48.5/1$

-52.418 ± 0.257 $\chi^2/\text{NDF}: 406.5/20$

-51.397 ± 0.249 $\chi^2/\text{NDF}: 907.6/21$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 36.669 $\pm$ 0.438 χ^2 /NDF:295.4/3

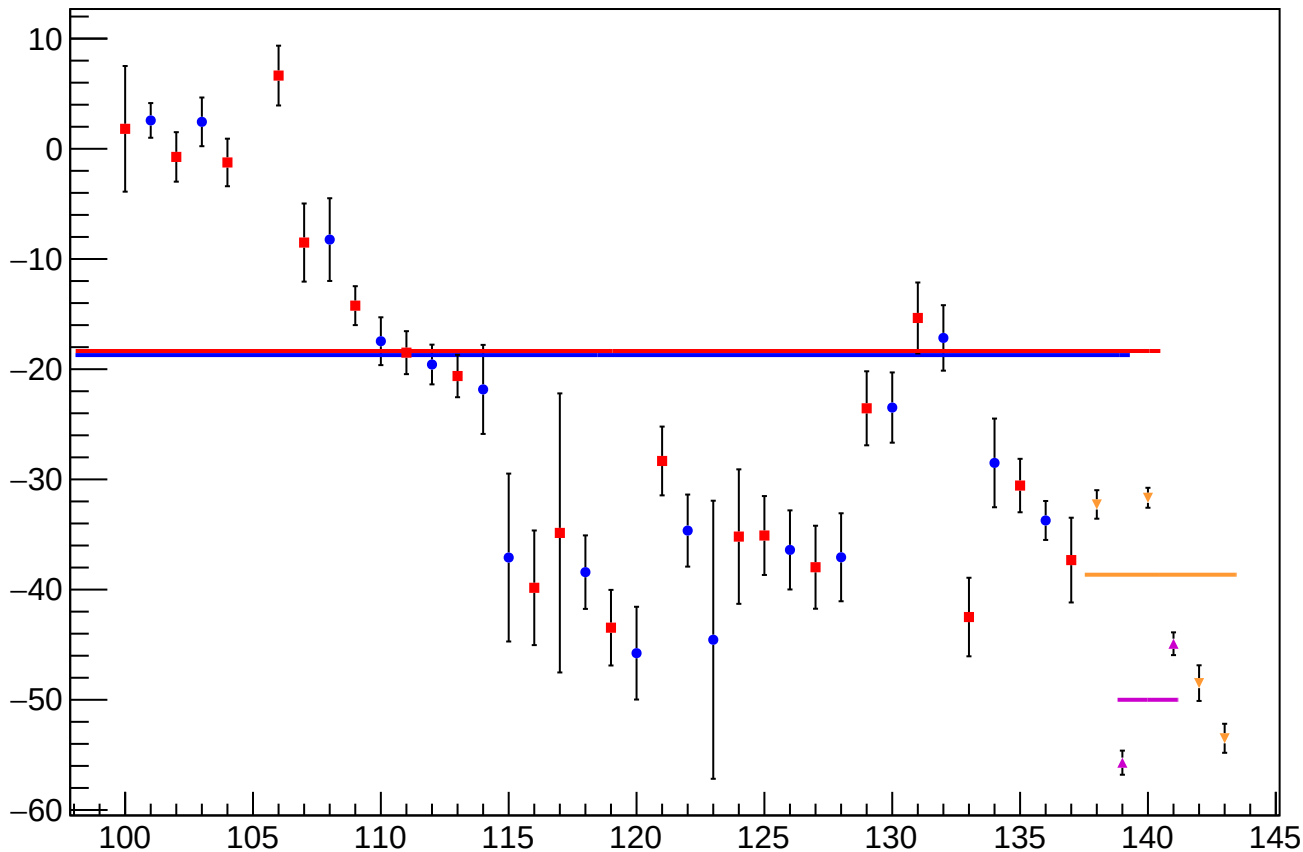
Right Out: 33.199 $\pm$ 0.379 χ^2 /NDF: 771.6/19

Left In: 35.459 $\pm$ 0.649 χ^2 /NDF:134.8/1

34.133 $\pm$ 0.284 χ^2 /NDF: 805.5/20

33.772 $\pm$ 0.327 χ^2 /NDF: 915.4/21

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721±0.665 χ^2/NDF : 519.6/16

Left Out: -38.648±0.600 χ^2/NDF :247.8/3

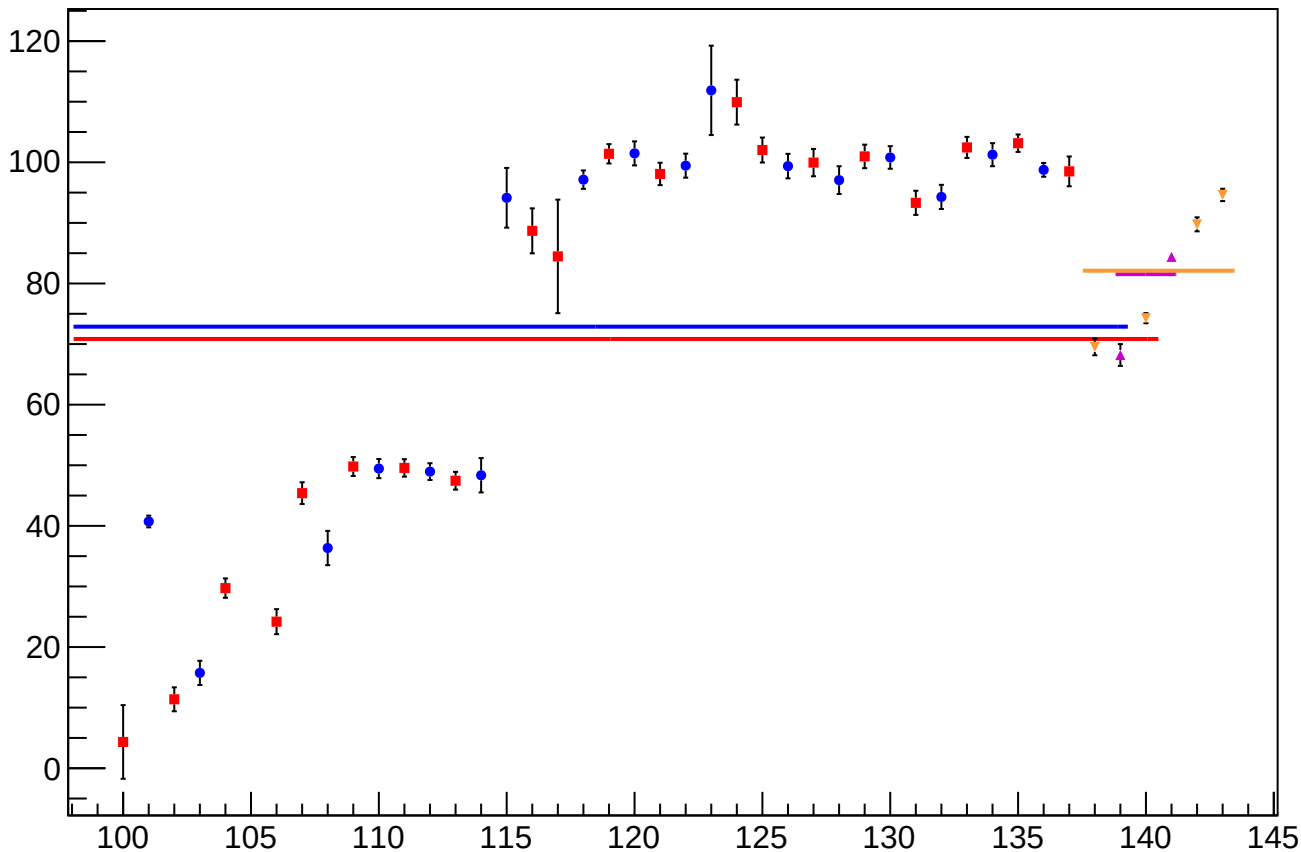
Right Out: -18.348±0.643 χ^2/NDF : 474.3/19

Left In: -49.999±0.751 χ^2/NDF :51.5/1

-29.709±0.446 χ^2/NDF : 1262.0/20

-31.730±0.488 χ^2/NDF : 1551.1/21

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2 /NDF: 4737.9/16

Left Out: 82.109+/-0.524 χ^2 /NDF:364.2/3

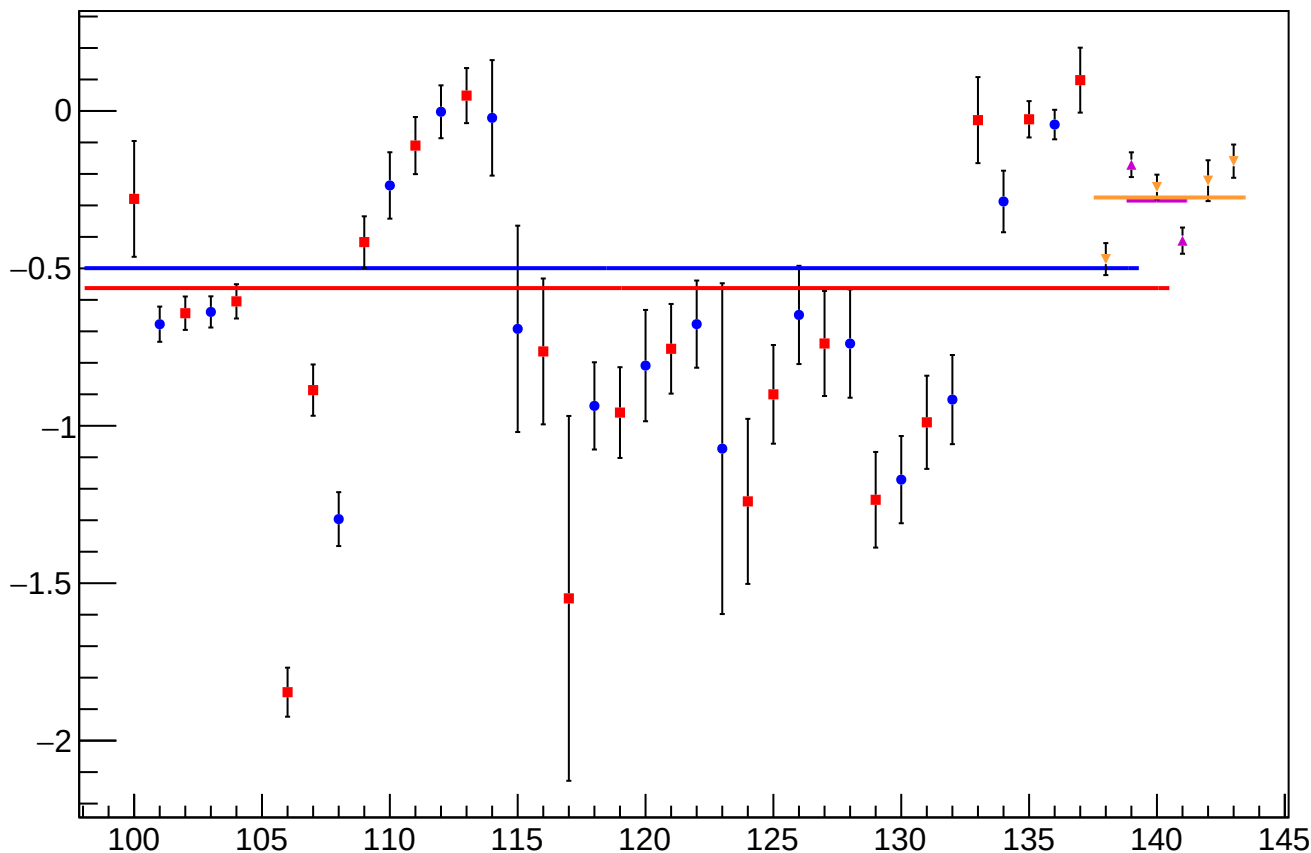
Right Out: 70.844+/-0.433 χ^2 /NDF: 5491.4/19

Left In: 81.539+/-0.756 χ^2 /NDF:66.8/1

76.551+/-0.330 χ^2 /NDF: 5289.3/20

73.486+/-0.376 χ^2 /NDF: 5709.0/21

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.275 ± 0.025 χ^2/NDF : 21.0/3

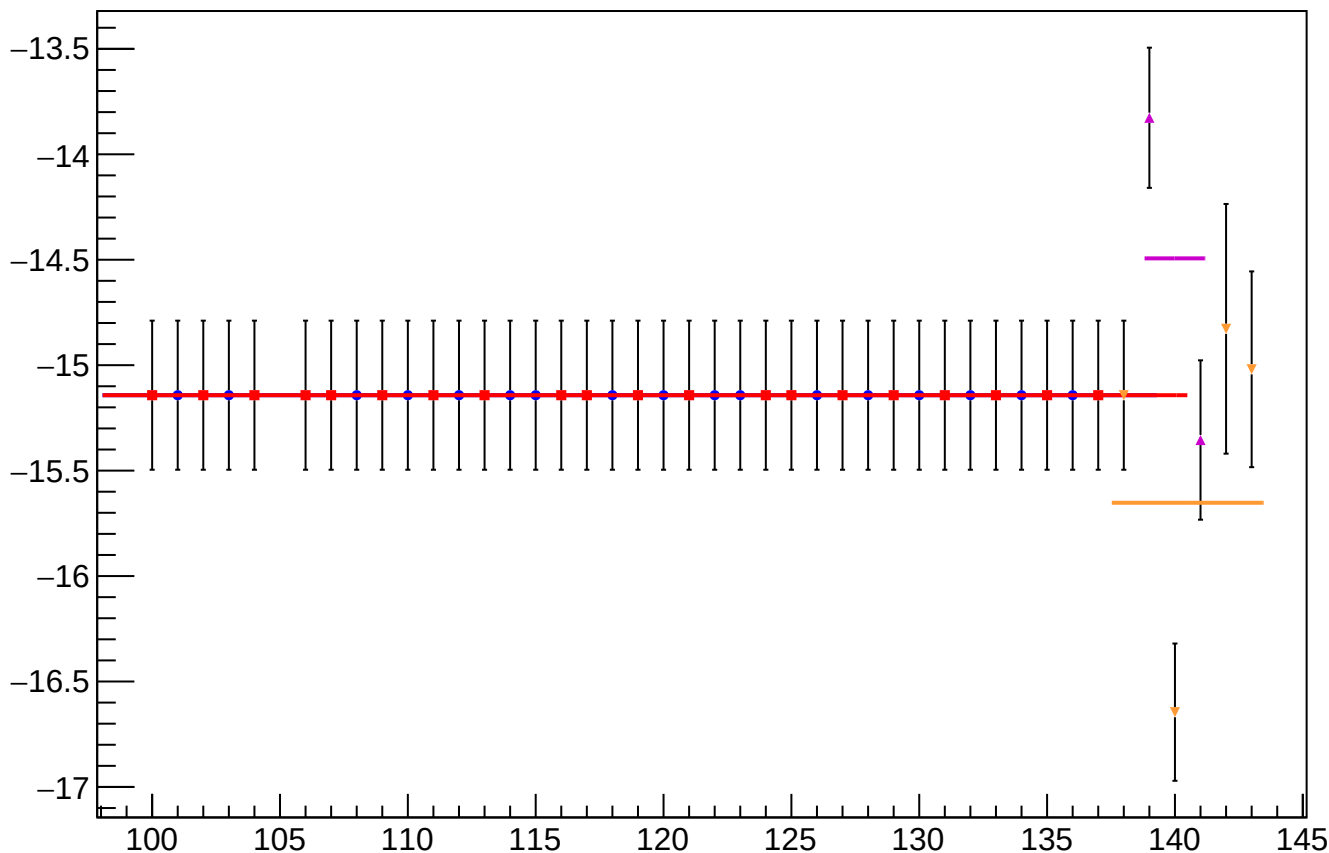
Right Out: -0.563 ± 0.021 χ^2/NDF : 565.2/19

Left In: -0.285 ± 0.029 χ^2/NDF : 17.8/1

-0.399 ± 0.017 χ^2/NDF : 369.9/20

-0.463 ± 0.017 χ^2/NDF : 643.7/21

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.142 $\pm$ 0.086 χ^2 /NDF: 0.0/16

Left Out: -15.652 $\pm$ 0.200 χ^2 /NDF: 15.2/3

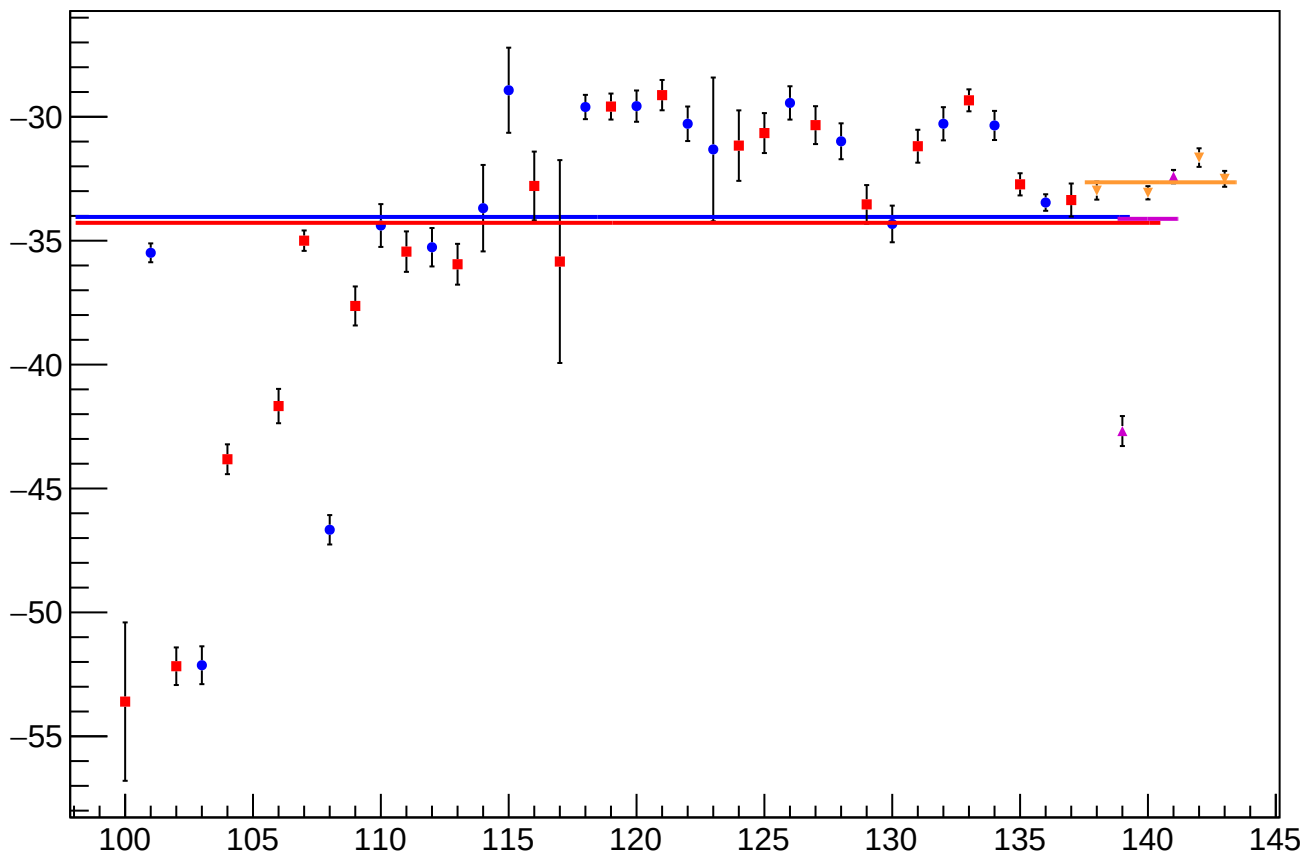
Right Out: -15.142 $\pm$ 0.079 χ^2 /NDF: 0.0/19

Left In: -14.494 $\pm$ 0.250 χ^2 /NDF: 9.2/1

-15.221 $\pm$ 0.079 χ^2 /NDF: 20.7/20

-15.083 $\pm$ 0.075 χ^2 /NDF: 15.4/21

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -32.643 ± 0.161 χ^2/NDF : 10.6/3

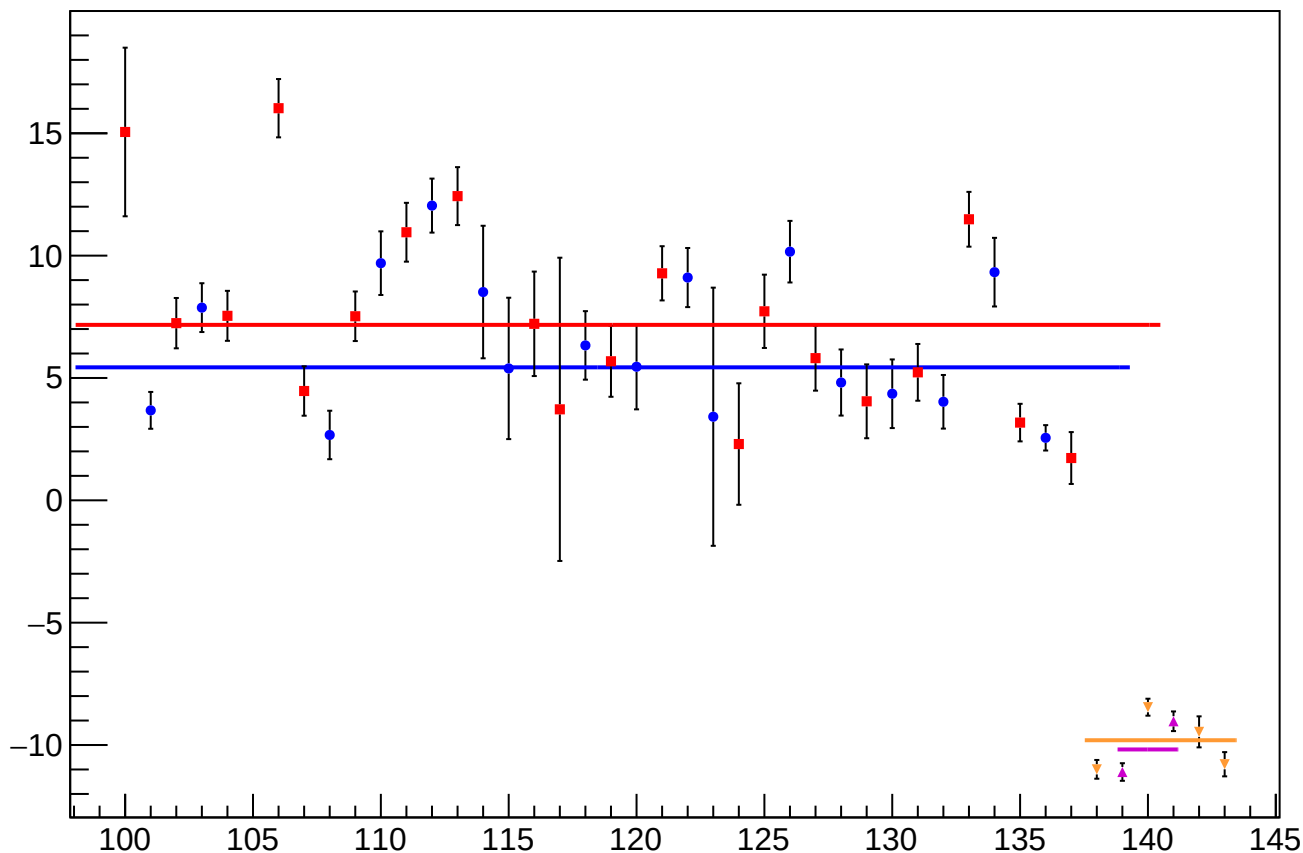
Right Out: -34.279 ± 0.151 χ^2/NDF : 1349.6/19

Left In: -34.118 ± 0.247 χ^2/NDF : 239.9/1

-33.391 ± 0.110 χ^2/NDF : 1391.5/20

-34.235 ± 0.129 χ^2/NDF : 1589.8/21

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -9.805 $\pm$ 0.215 χ^2 /NDF: 29.0/3

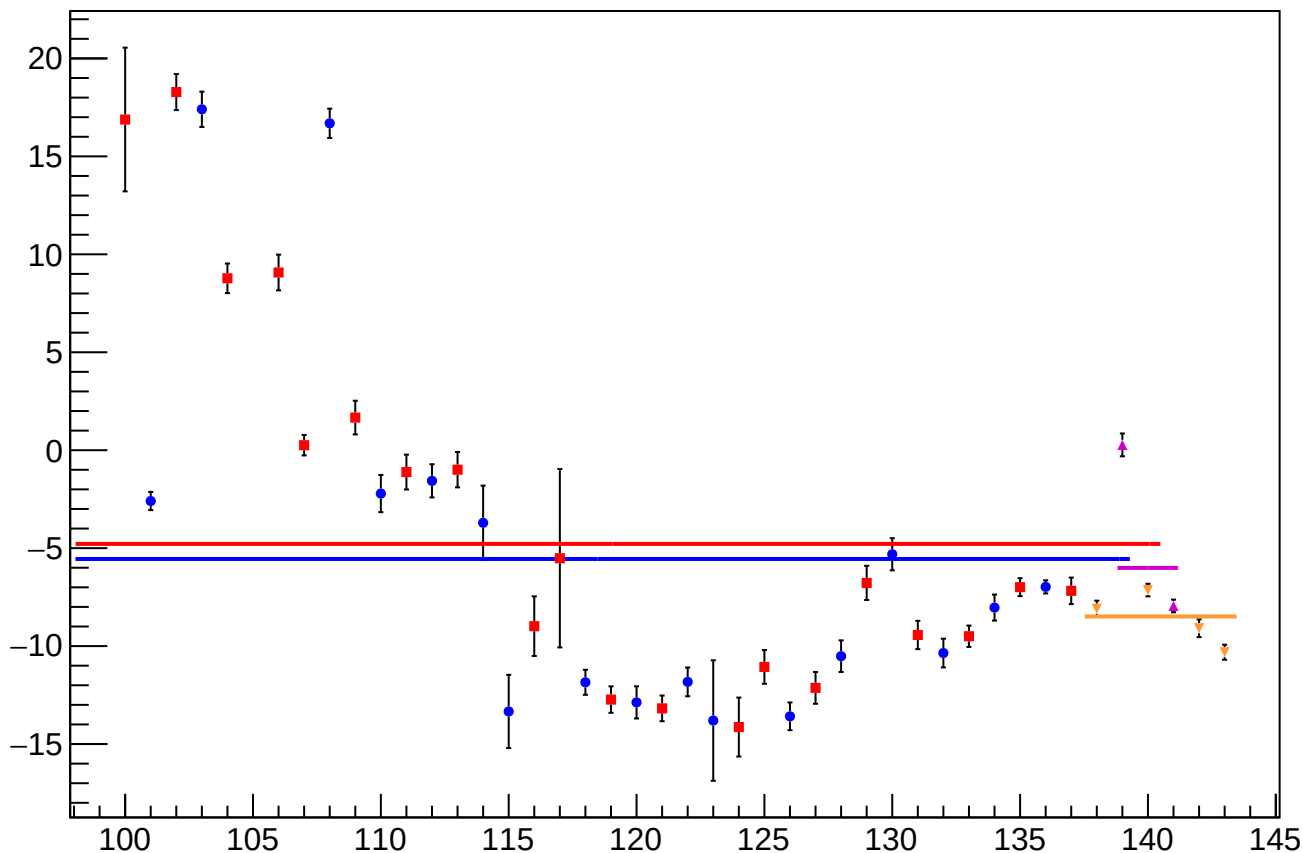
Right Out: 7.171 $\pm$ 0.274 χ^2 /NDF: 182.9/19

Left In: -10.182 $\pm$ 0.268 χ^2 /NDF: 14.8/1

-3.889 $\pm$ 0.168 χ^2 /NDF: 2116.5/20

-1.700 $\pm$ 0.191 χ^2 /NDF: 2249.5/21

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553+/-0.170 χ^2/NDF : 2125.3/16

Left Out: -8.489+/-0.192 χ^2/NDF : 42.6/3

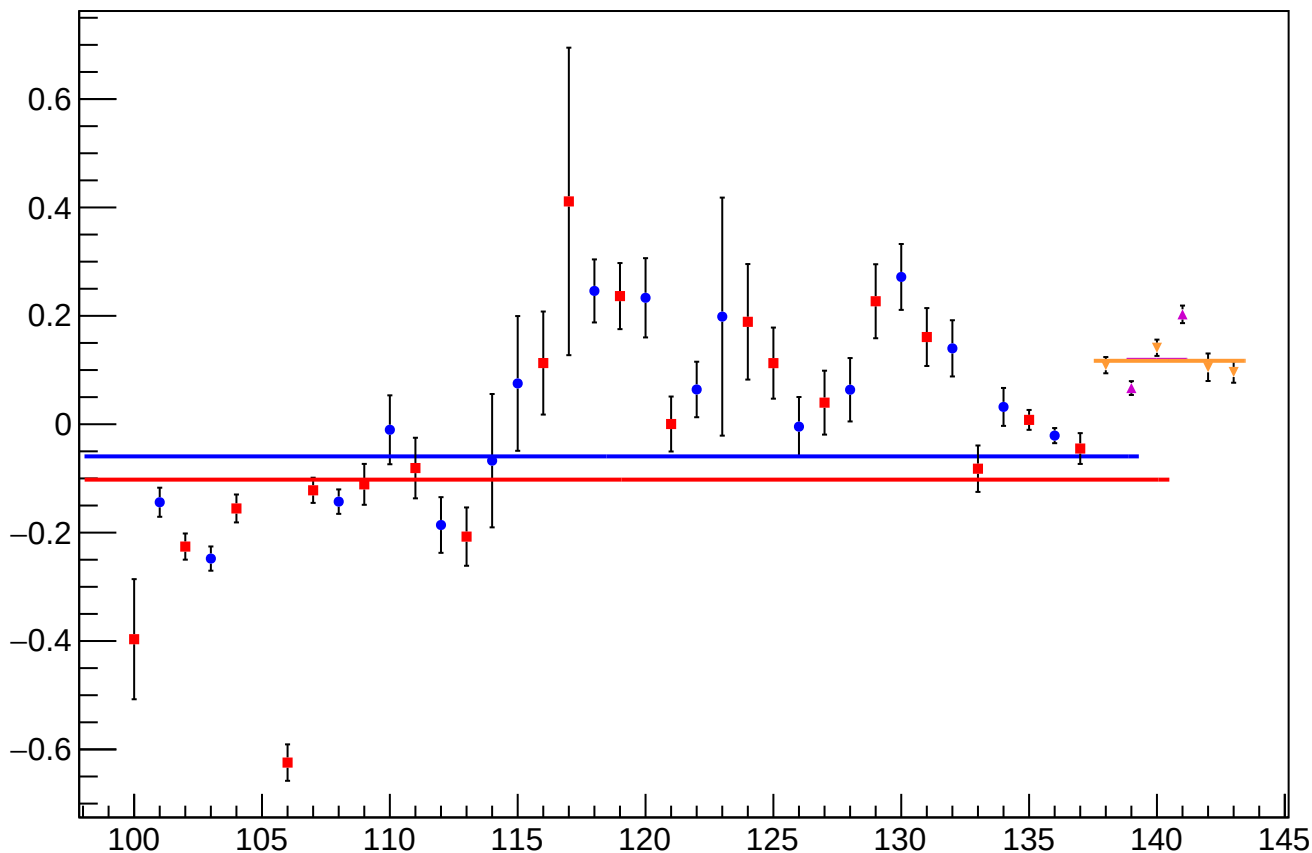
Right Out: -4.783+/-0.173 χ^2/NDF : 2040.4/19

Left In: -6.008+/-0.284 χ^2/NDF : 151.7/1

-6.841+/-0.127 χ^2/NDF : 2298.9/20

-5.114+/-0.147 χ^2/NDF : 2205.7/21

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.117 ± 0.009 χ^2/NDF : 4.1/3

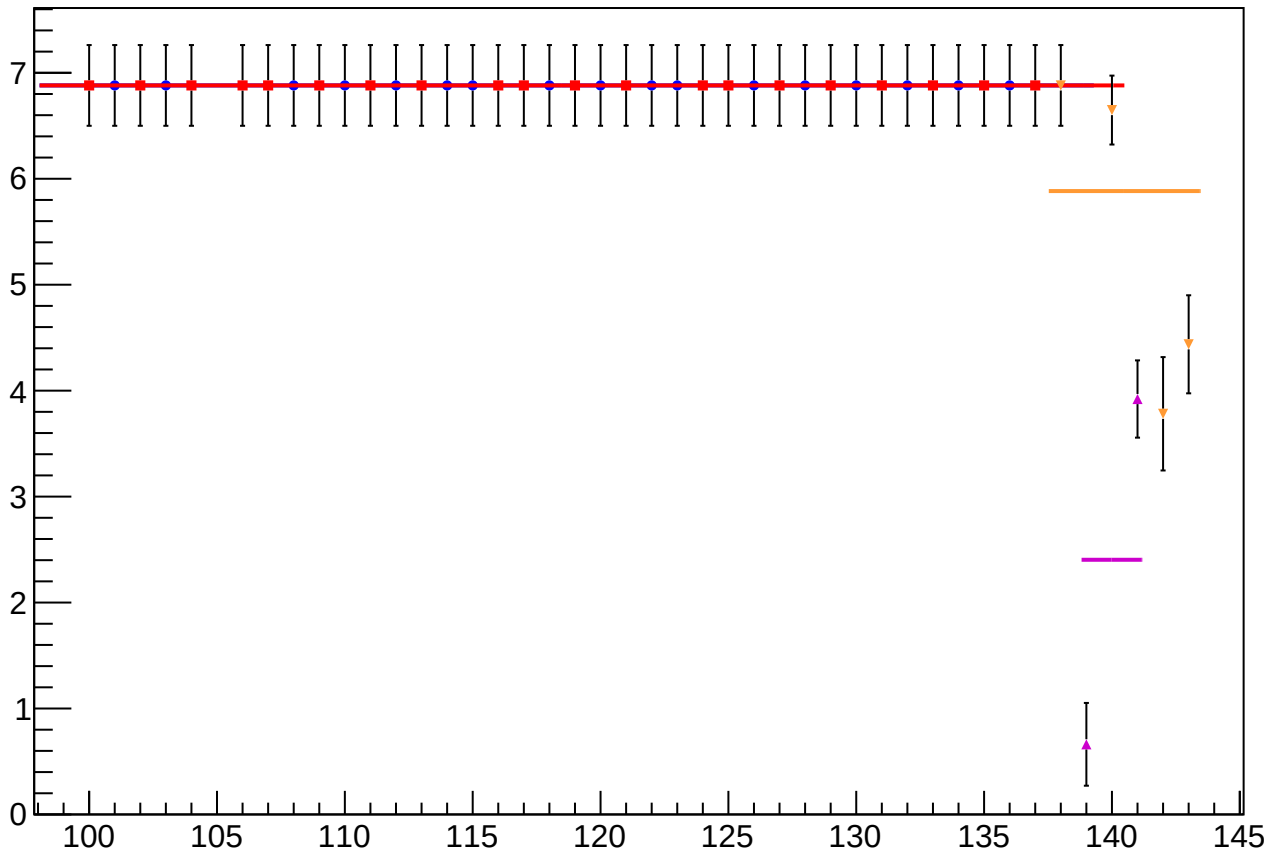
Right Out: -0.102 ± 0.008 χ^2/NDF : 438.8/19

Left In: 0.119 ± 0.010 χ^2/NDF : 43.5/1

0.025 ± 0.006 χ^2/NDF : 432.6/20

-0.011 ± 0.006 χ^2/NDF : 767.7/21

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 6.881 $\pm$ 0.092 χ^2 /NDF: 0.0/16

Left Out: 5.884 $\pm$ 0.202 χ^2 /NDF:37.6/3

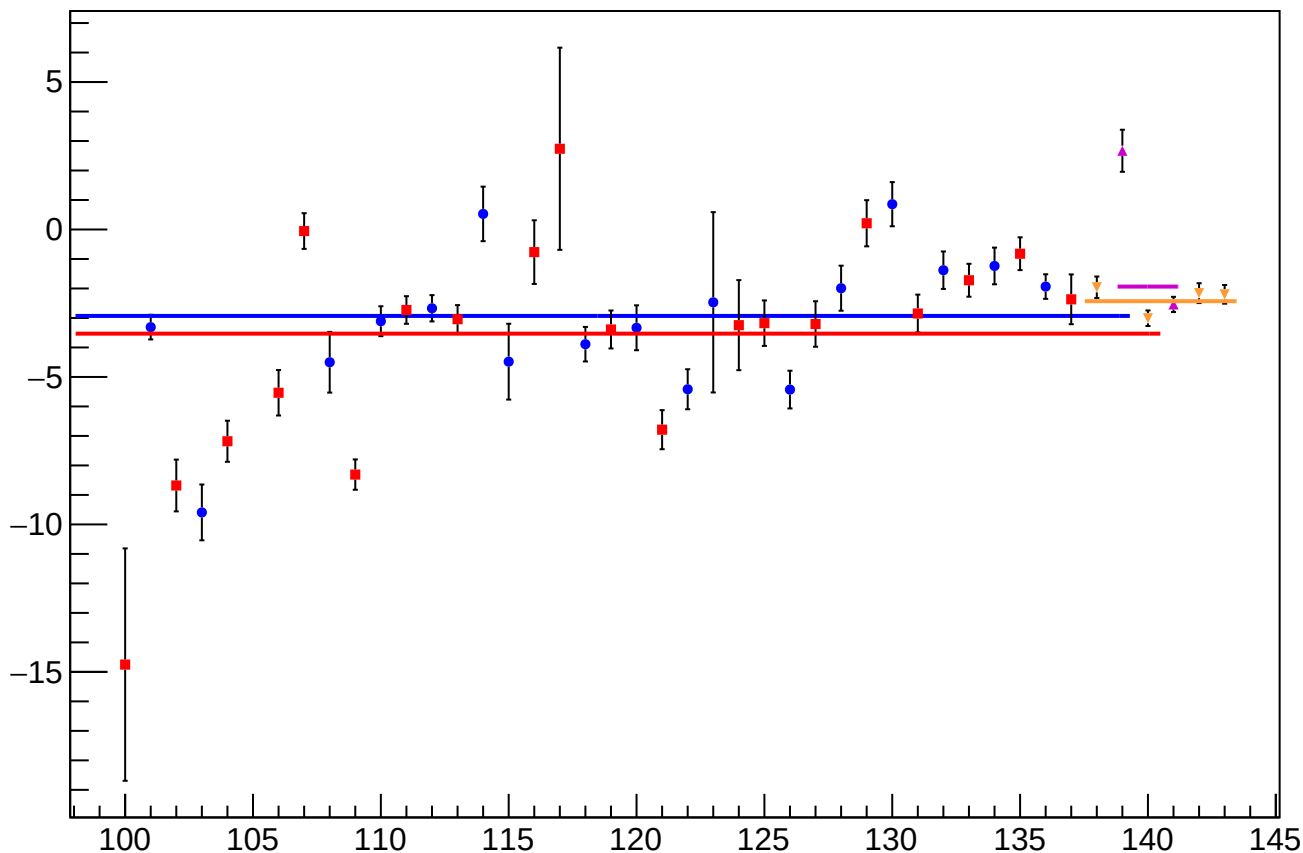
Right Out: 6.881 $\pm$ 0.085 χ^2 /NDF: 0.0/19

Left In: 2.404 $\pm$ 0.267 χ^2 /NDF:37.2/1

6.708 $\pm$ 0.084 χ^2 /NDF: 57.7/20

6.466 $\pm$ 0.081 χ^2 /NDF: 293.2/21

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -2.431 ± 0.157 χ^2/NDF : 7.7/3

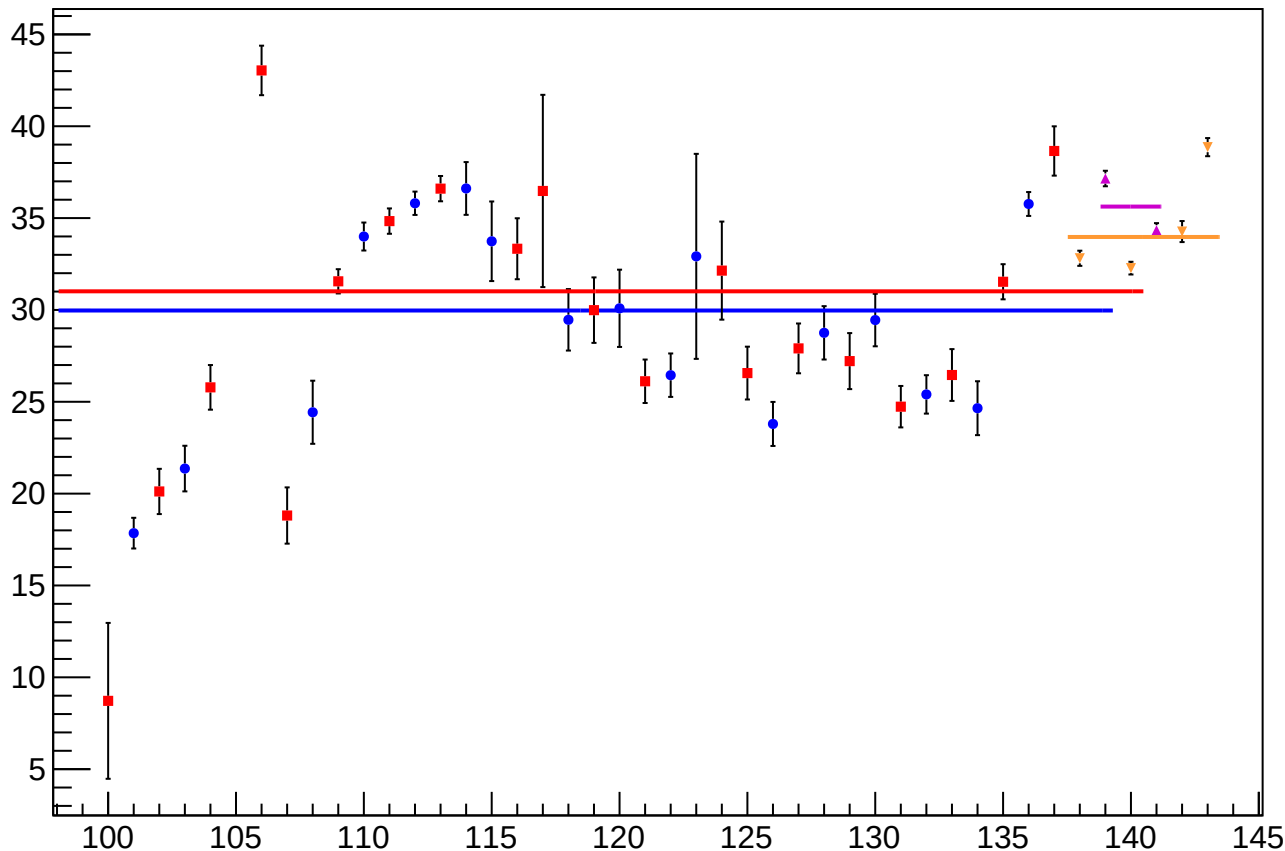
Right Out: -3.531 ± 0.154 χ^2/NDF : 295.0/19

Left In: -1.936 ± 0.243 χ^2/NDF : 47.2/1

-2.685 ± 0.110 χ^2/NDF : 159.4/20

-3.072 ± 0.130 χ^2/NDF : 372.9/21

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 33.972 $\pm$ 0.216 χ^2 /NDF: 130.2/3

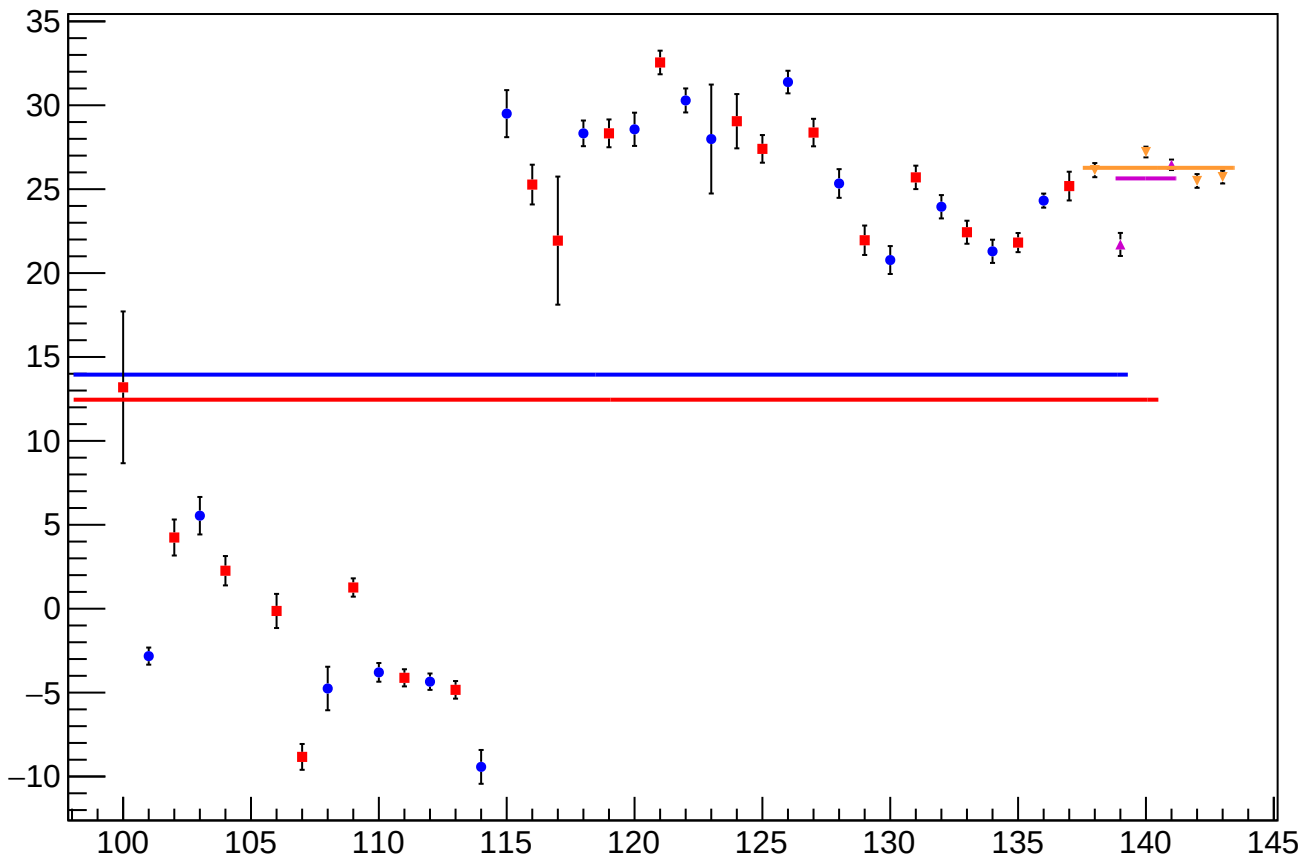
Right Out: 31.013 $\pm$ 0.260 χ^2 /NDF: 480.6/19

Left In: 35.626 $\pm$ 0.286 χ^2 /NDF: 24.1/1

32.382 $\pm$ 0.168 χ^2 /NDF: 820.4/20

33.101 $\pm$ 0.192 χ^2 /NDF: 647.6/21

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 26.272 $\pm$ 0.188 χ^2 /NDF:14.5/3

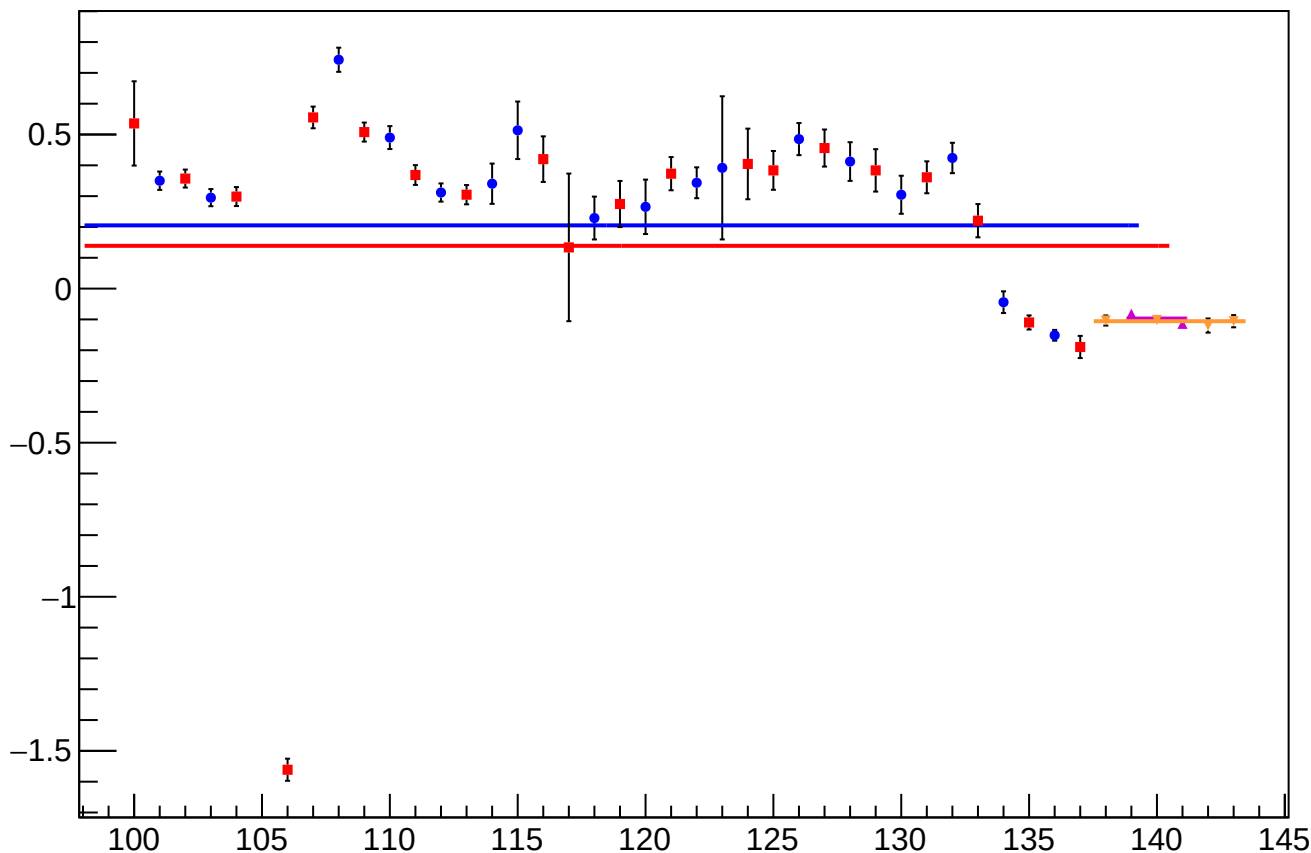
Right Out: 12.455 $\pm$ 0.173 χ^2 /NDF: 6969.0/19

Left In: 25.641 $\pm$ 0.284 χ^2 /NDF:39.6/1

19.559 $\pm$ 0.127 χ^2 /NDF: 9745.0/20

16.039 $\pm$ 0.148 χ^2 /NDF: 8578.8/21

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.106 $\pm$ 0.009 χ^2 /NDF: 0.5/3

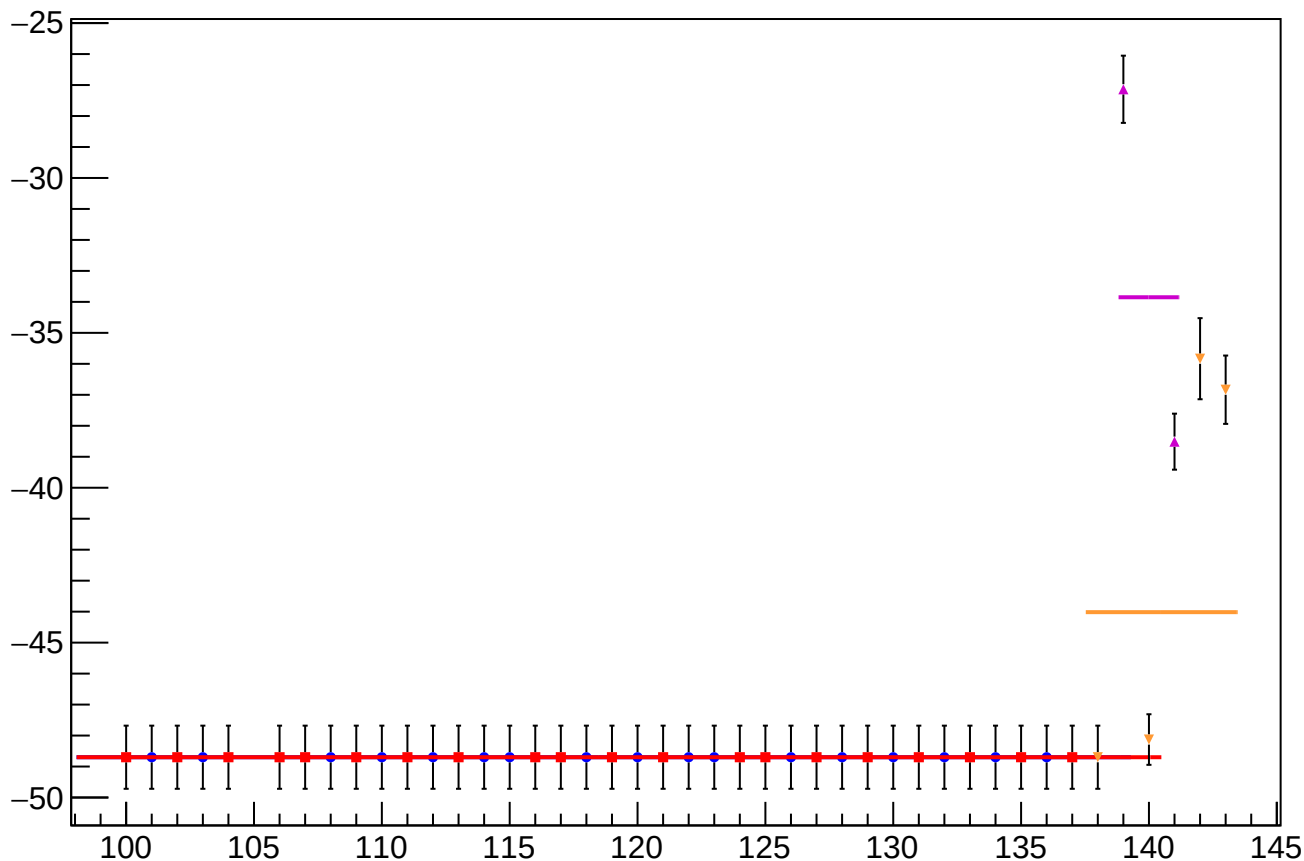
Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/19

Left In: -0.097 $\pm$ 0.011 χ^2 /NDF: 2.3/1

0.042 $\pm$ 0.006 χ^2 /NDF: 1424.2/20

0.040 $\pm$ 0.007 χ^2 /NDF: 3294.8/21

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -48.699 ± 0.247 χ^2/NDF : 0.0/16

Left Out: -44.016 ± 0.508 χ^2/NDF : 127.9/3

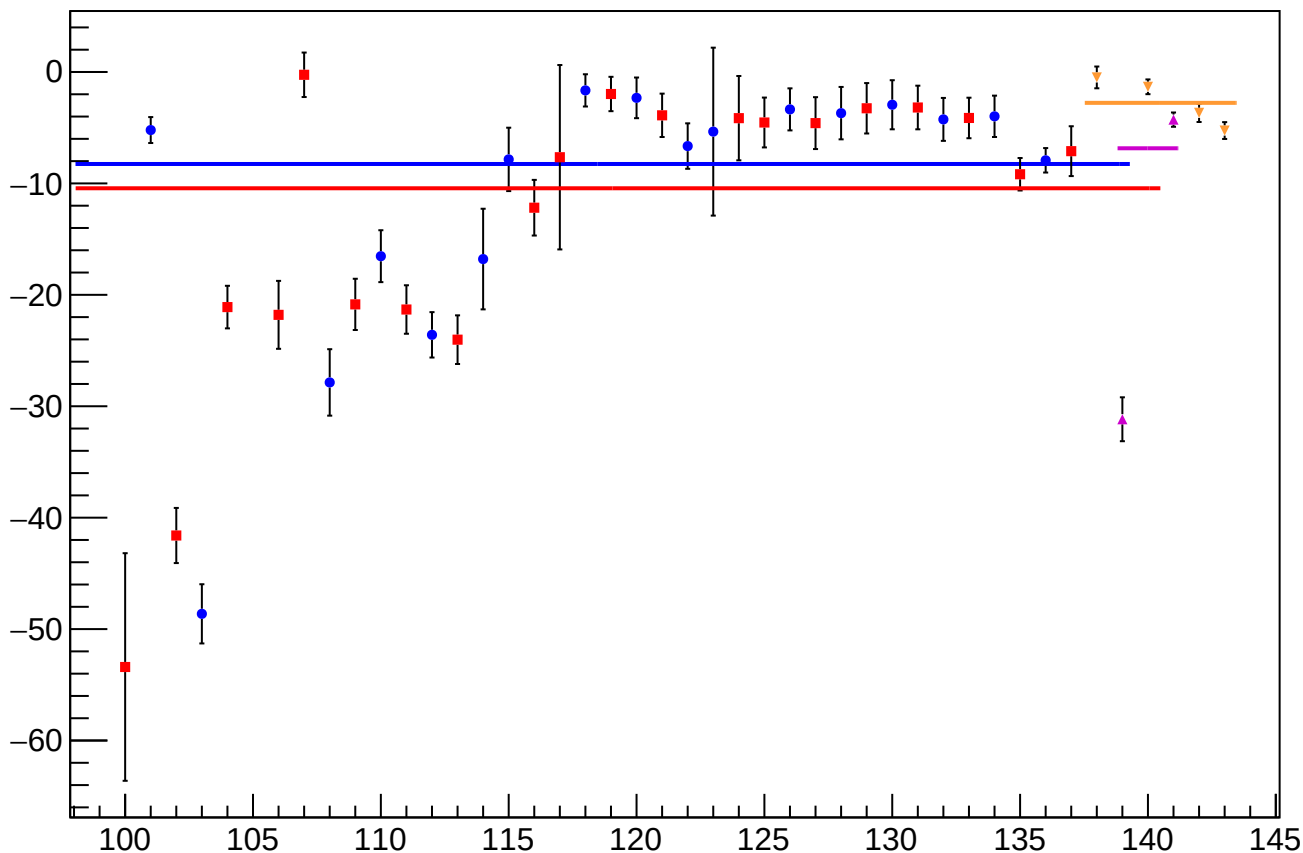
Right Out: -48.699 ± 0.228 χ^2/NDF : 0.0/19

Left In: -33.851 ± 0.695 χ^2/NDF : 64.9/1

-47.804 ± 0.222 χ^2/NDF : 196.5/20

-47.256 ± 0.217 χ^2/NDF : 477.5/21

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -2.770 ± 0.390 χ^2/NDF : 22.2/3

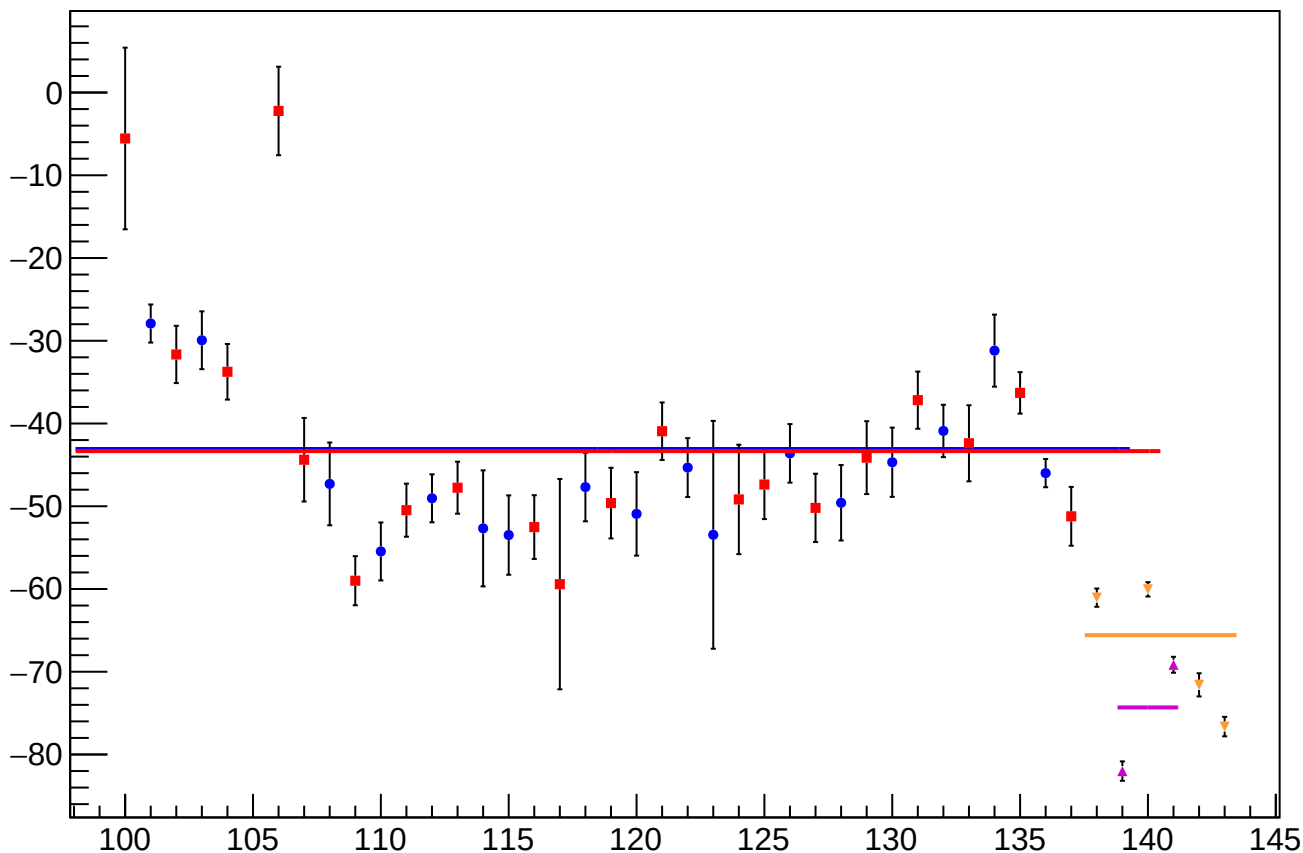
Right Out: -10.437 ± 0.490 χ^2/NDF : 428.5/19

Left In: -6.847 ± 0.609 χ^2/NDF : 168.4/1

-5.055 ± 0.298 χ^2/NDF : 516.6/20

-9.025 ± 0.382 χ^2/NDF : 618.0/21

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -65.576 ± 0.544 $\chi^2/\text{NDF}: 164.0/3$

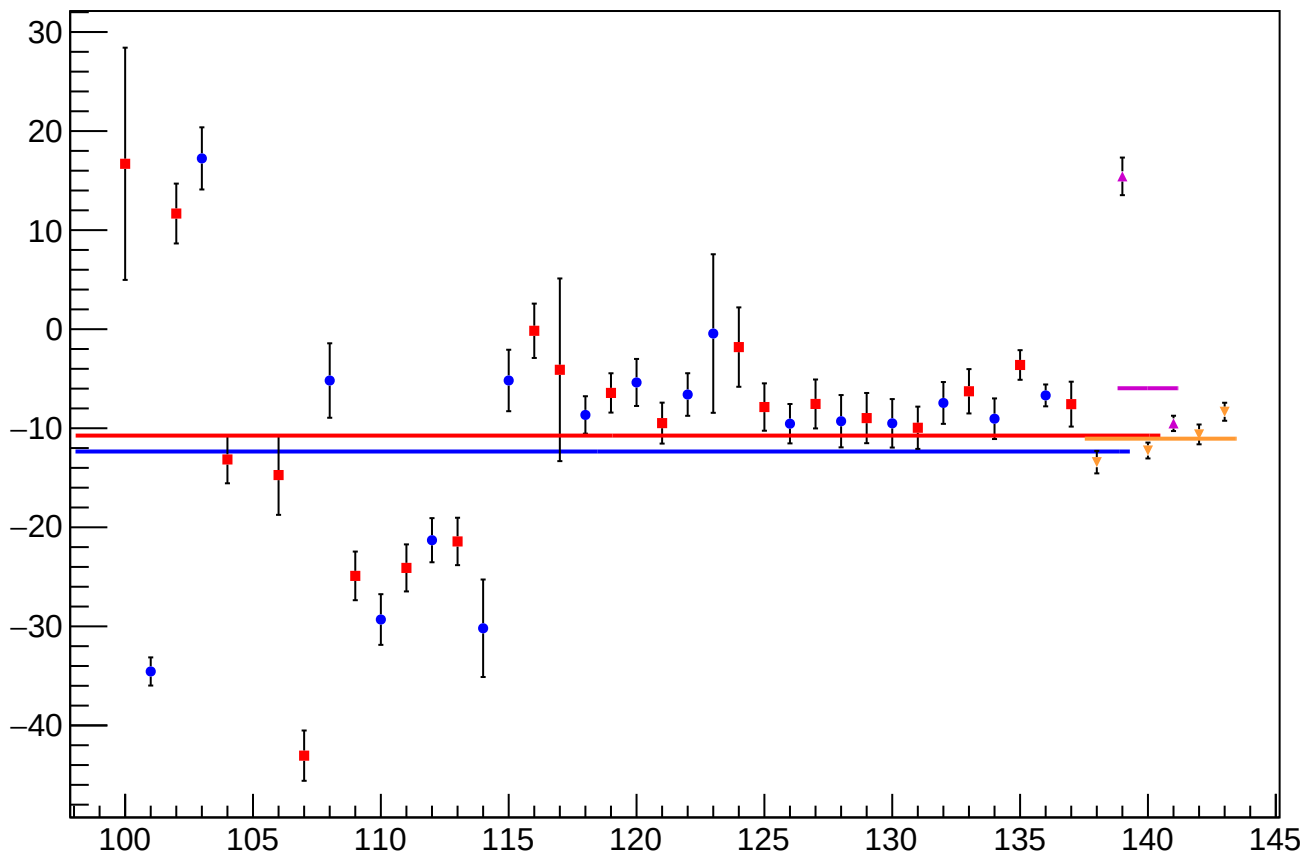
Right Out: -43.337 ± 0.864 $\chi^2/\text{NDF}: 155.8/19$

Left In: -74.317 ± 0.744 $\chi^2/\text{NDF}: 71.8/1$

-58.859 ± 0.456 $\chi^2/\text{NDF}: 773.1/20$

-61.140 ± 0.564 $\chi^2/\text{NDF}: 965.7/21$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 $\chi^2/\text{NDF}: 475.9/16$

Left Out: -11.052 ± 0.469 $\chi^2/\text{NDF}: 15.7/3$

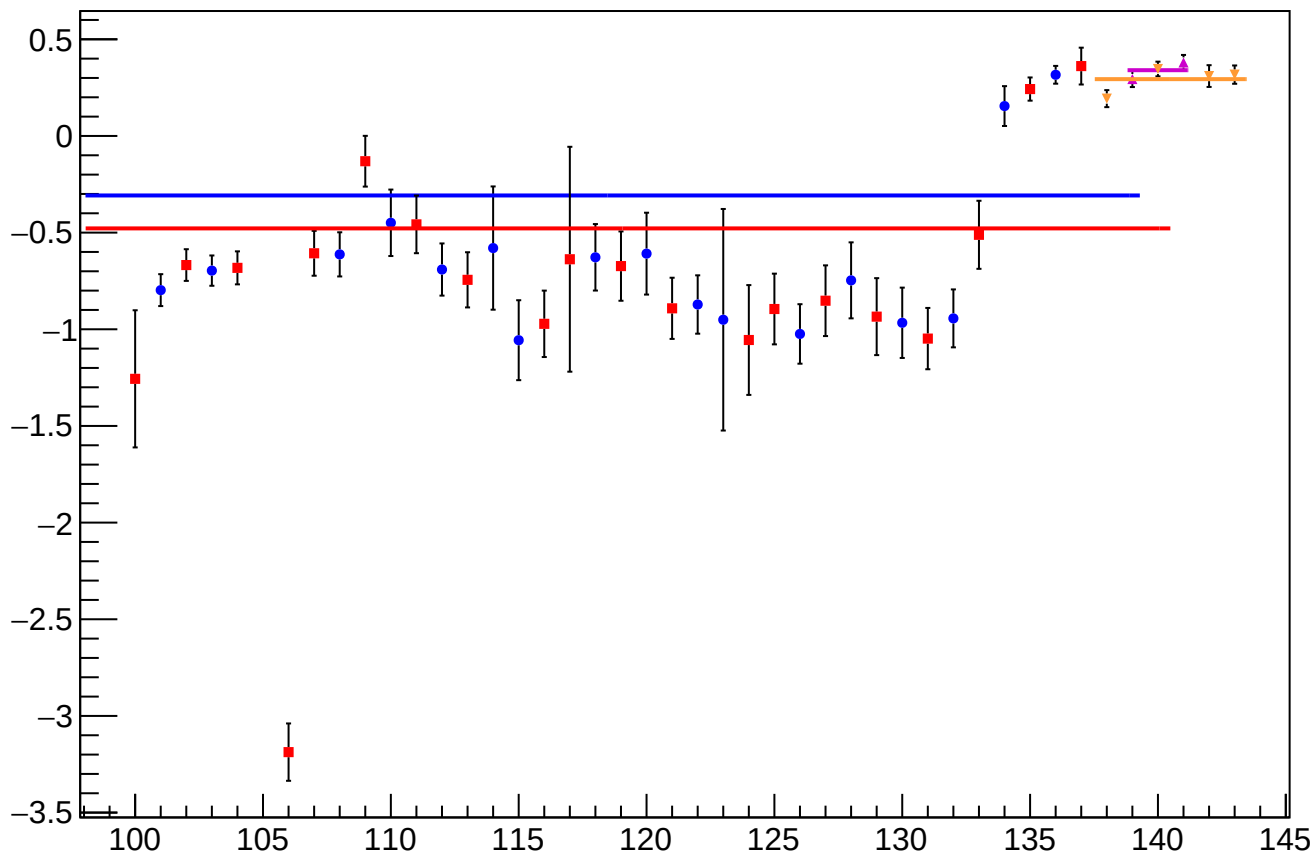
Right Out: -10.741 ± 0.553 $\chi^2/\text{NDF}: 367.2/19$

Left In: -5.961 ± 0.716 $\chi^2/\text{NDF}: 148.1/1$

-11.634 ± 0.348 $\chi^2/\text{NDF}: 495.1/20$

-8.957 ± 0.437 $\chi^2/\text{NDF}: 543.1/21$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.294 ± 0.023 χ^2/NDF : 7.5/3

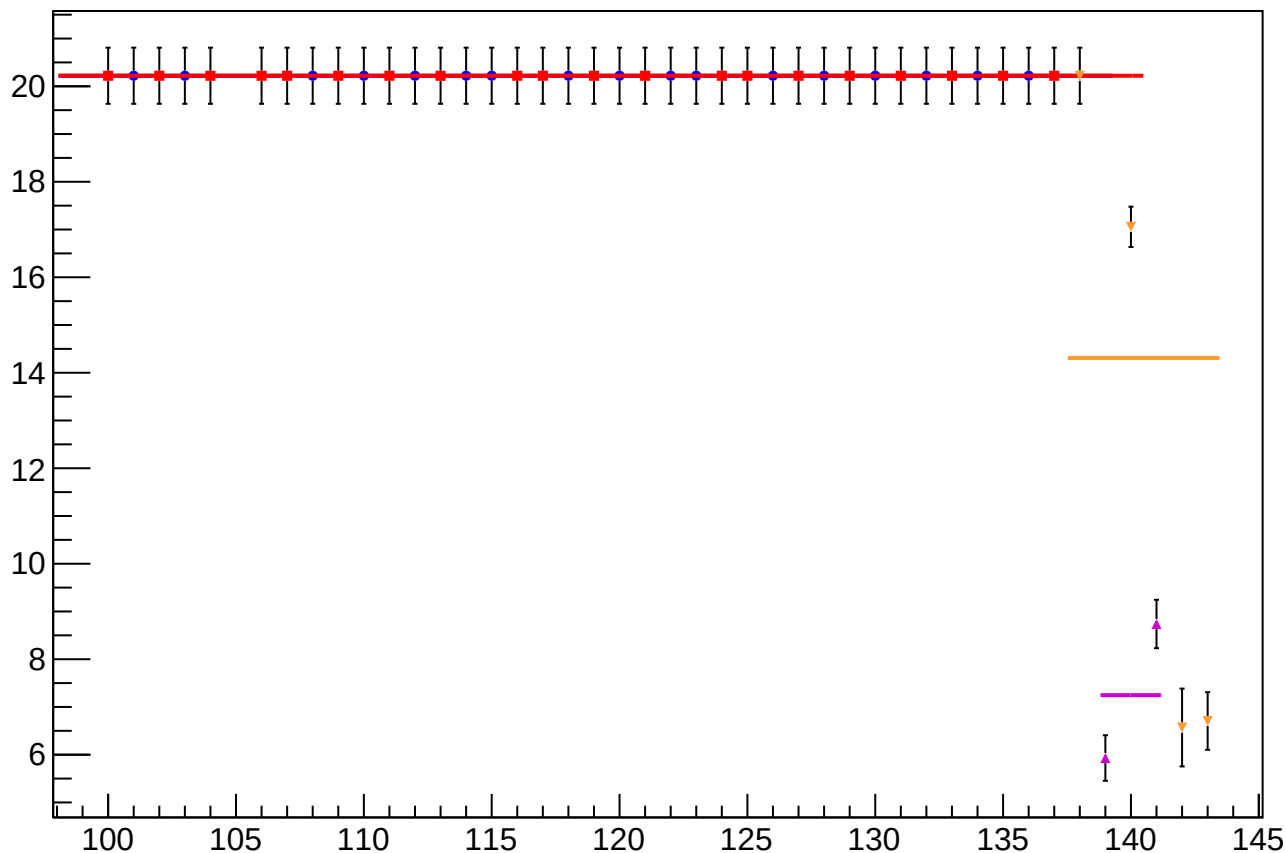
Right Out: -0.478 ± 0.028 χ^2/NDF : 631.3/19

Left In: 0.340 ± 0.028 χ^2/NDF : 2.3/1

0.053 ± 0.017 χ^2/NDF : 666.4/20

-0.068 ± 0.020 χ^2/NDF : 1047.4/21

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 20.221 $\pm$ 0.143 χ^2 /NDF: 0.0/16

Left Out: 14.310 $\pm$ 0.280 χ^2 /NDF: 392.4/3

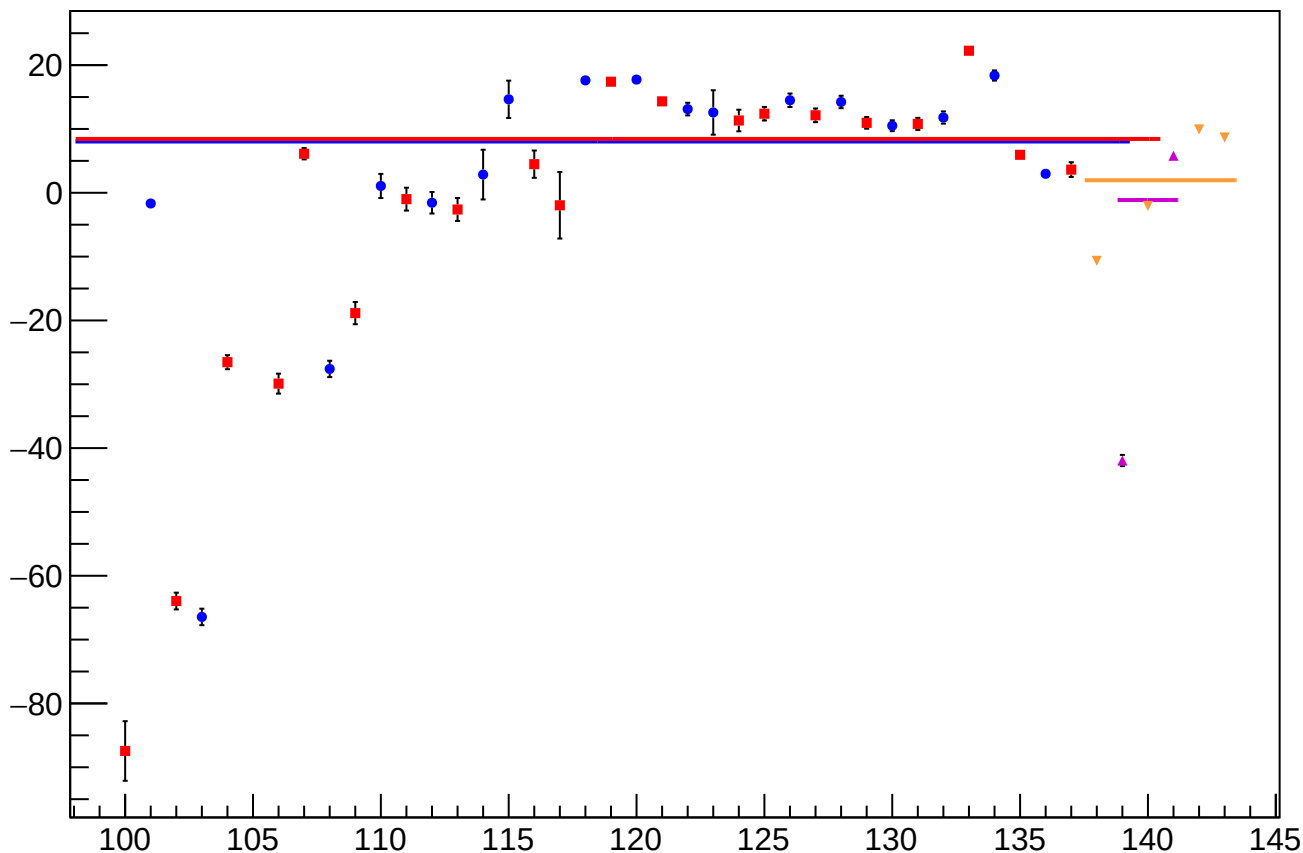
Right Out: 20.221 $\pm$ 0.131 χ^2 /NDF: 0.0/19

Left In: 7.247 $\pm$ 0.348 χ^2 /NDF: 16.2/1

19.004 $\pm$ 0.127 χ^2 /NDF: 746.4/20

18.598 $\pm$ 0.123 χ^2 /NDF: 1234.9/21

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036+/-0.215 χ^2/NDF : 5369.4/16

Left Out: 1.970+/-0.221 χ^2/NDF : 1077.2/3

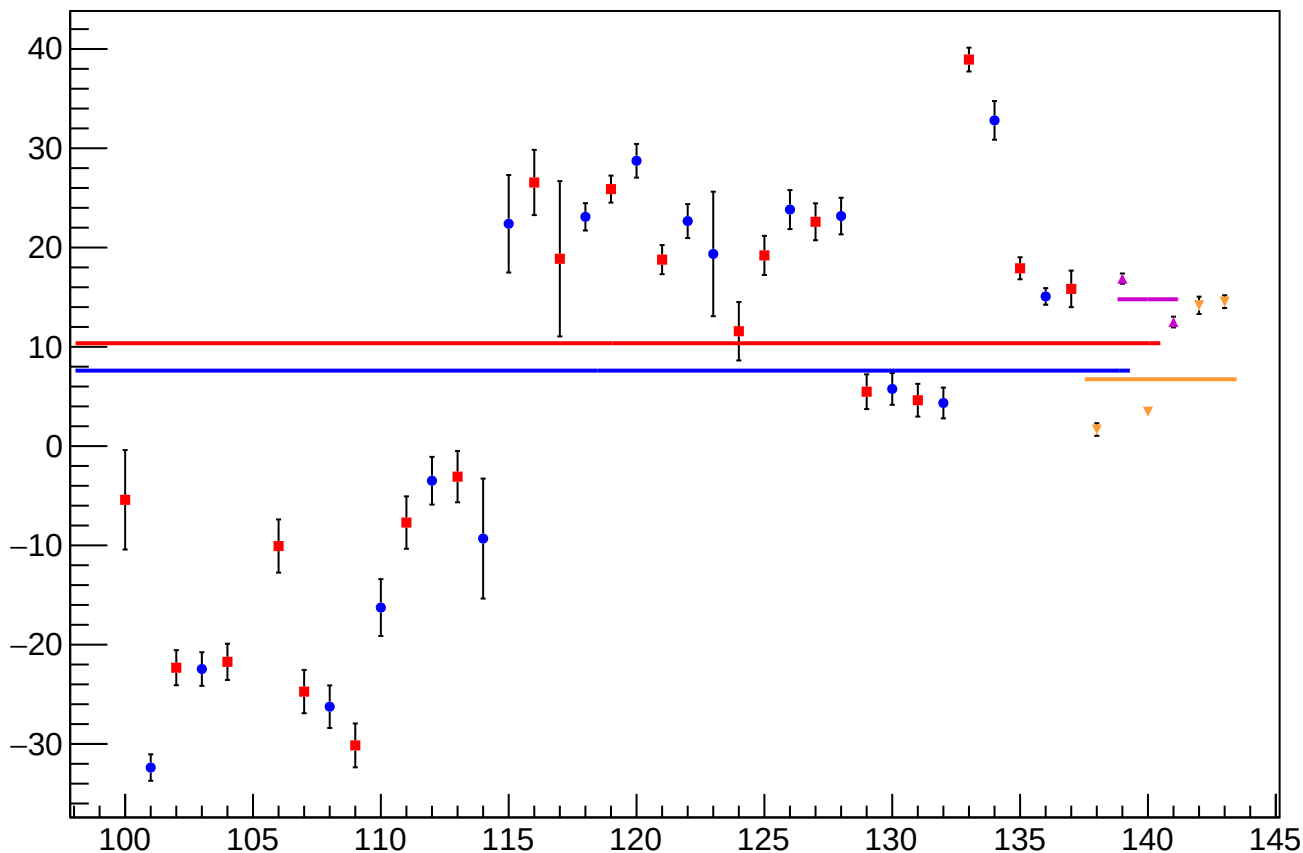
Right Out: 8.437+/-0.213 χ^2/NDF : 6708.4/19

Left In: -1.136+/-0.335 χ^2/NDF : 2518.6/1

5.081+/-0.154 χ^2/NDF : 6833.9/20

5.681+/-0.180 χ^2/NDF : 9807.4/21

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 $\pm$ 0.416 χ^2/NDF : 2325.0/16

Left Out: 6.734 $\pm$ 0.300 χ^2/NDF : 335.8/3

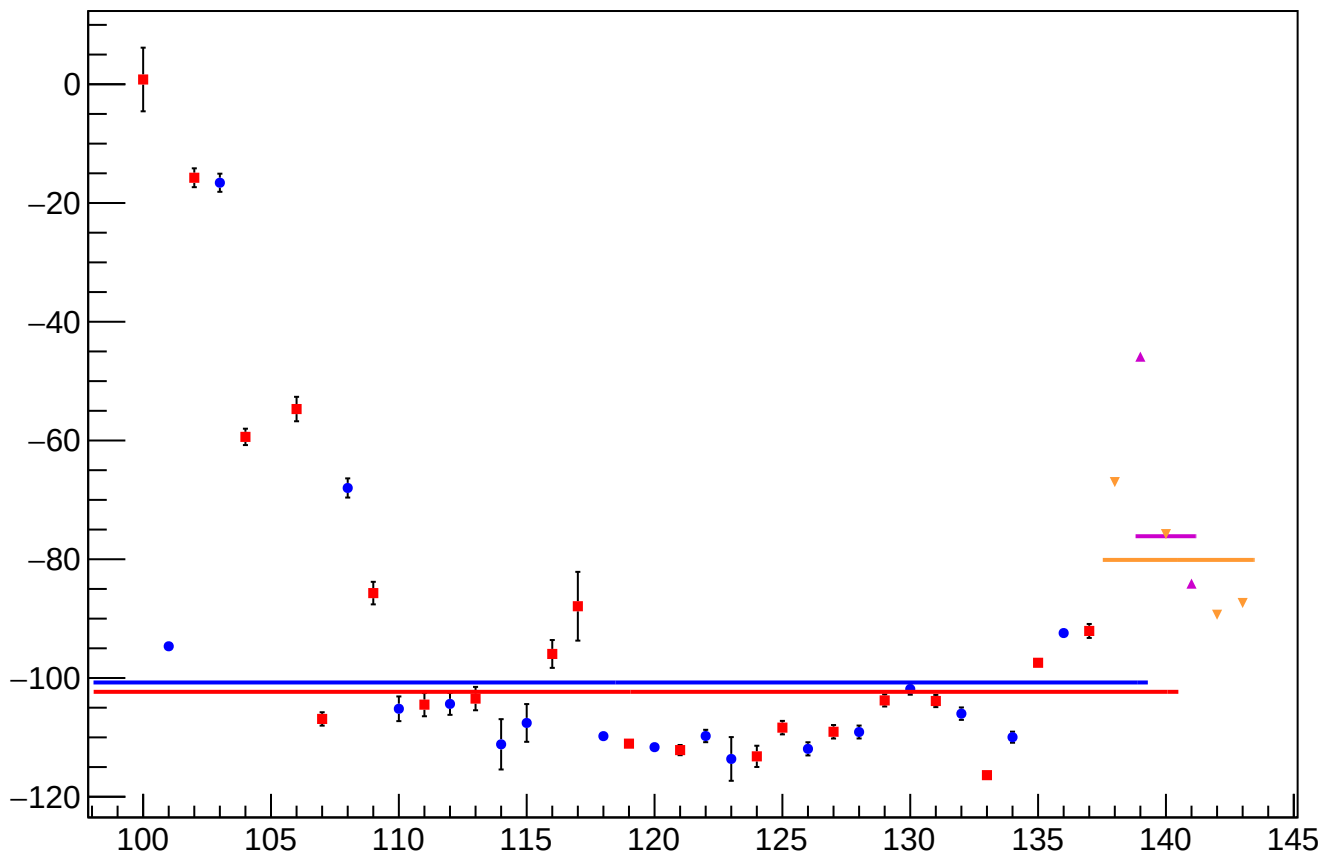
Right Out: 10.362 $\pm$ 0.416 χ^2/NDF : 2283.0/19

Left In: 14.787 $\pm$ 0.372 χ^2/NDF : 34.4/1

7.031 $\pm$ 0.243 χ^2/NDF : 2663.7/20

12.817 $\pm$ 0.277 χ^2/NDF : 2380.3/21

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -80.110 ± 0.264 $\chi^2/\text{NDF}: 906.4/3$

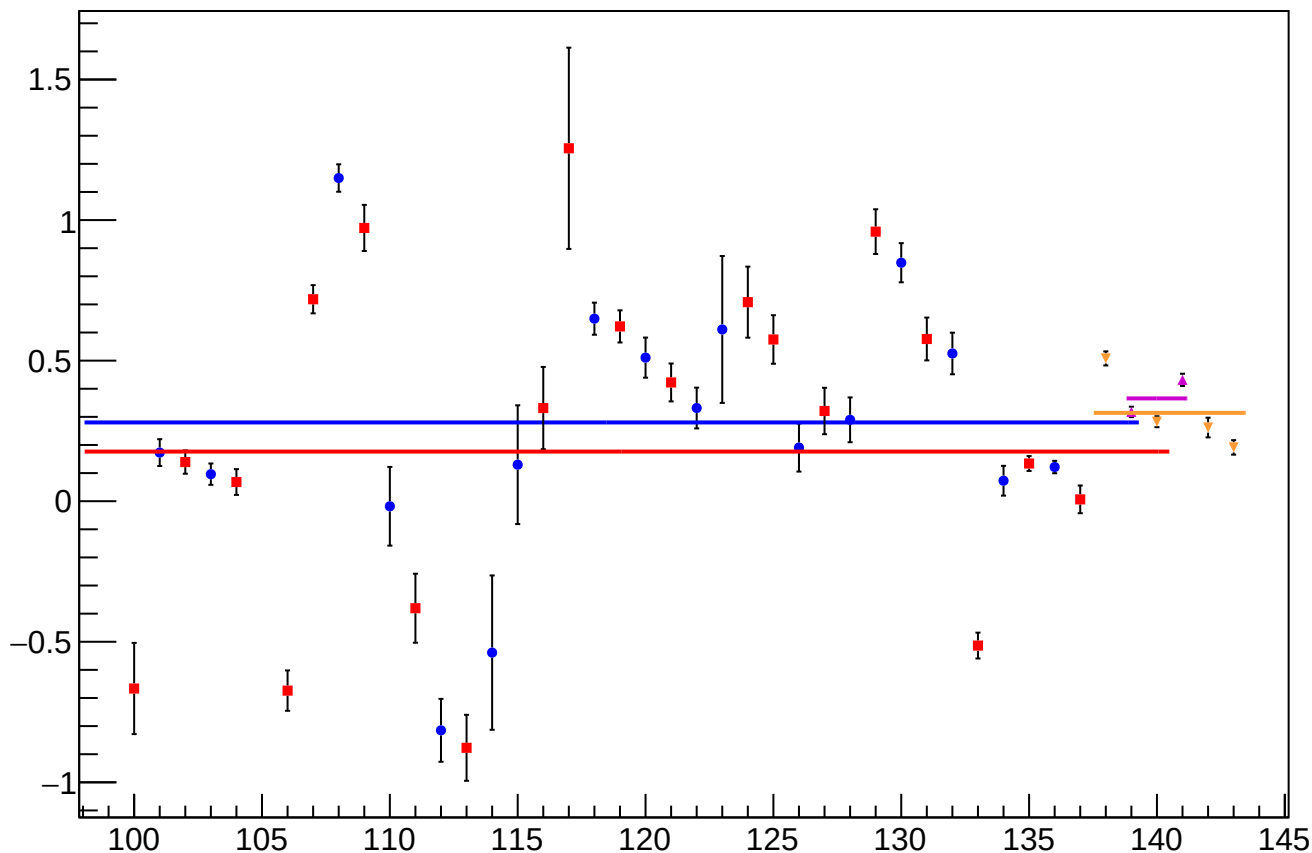
Right Out: -102.328 ± 0.246 $\chi^2/\text{NDF}: 6085.1/19$

Left In: -76.121 ± 0.388 $\chi^2/\text{NDF}: 1605.5/1$

-91.071 ± 0.181 $\chi^2/\text{NDF}: 8678.3/20$

-94.808 ± 0.208 $\chi^2/\text{NDF}: 10946.9/21$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.0/16

Left Out: 0.314 $\pm$ 0.012 χ^2 /NDF: 87.4/3

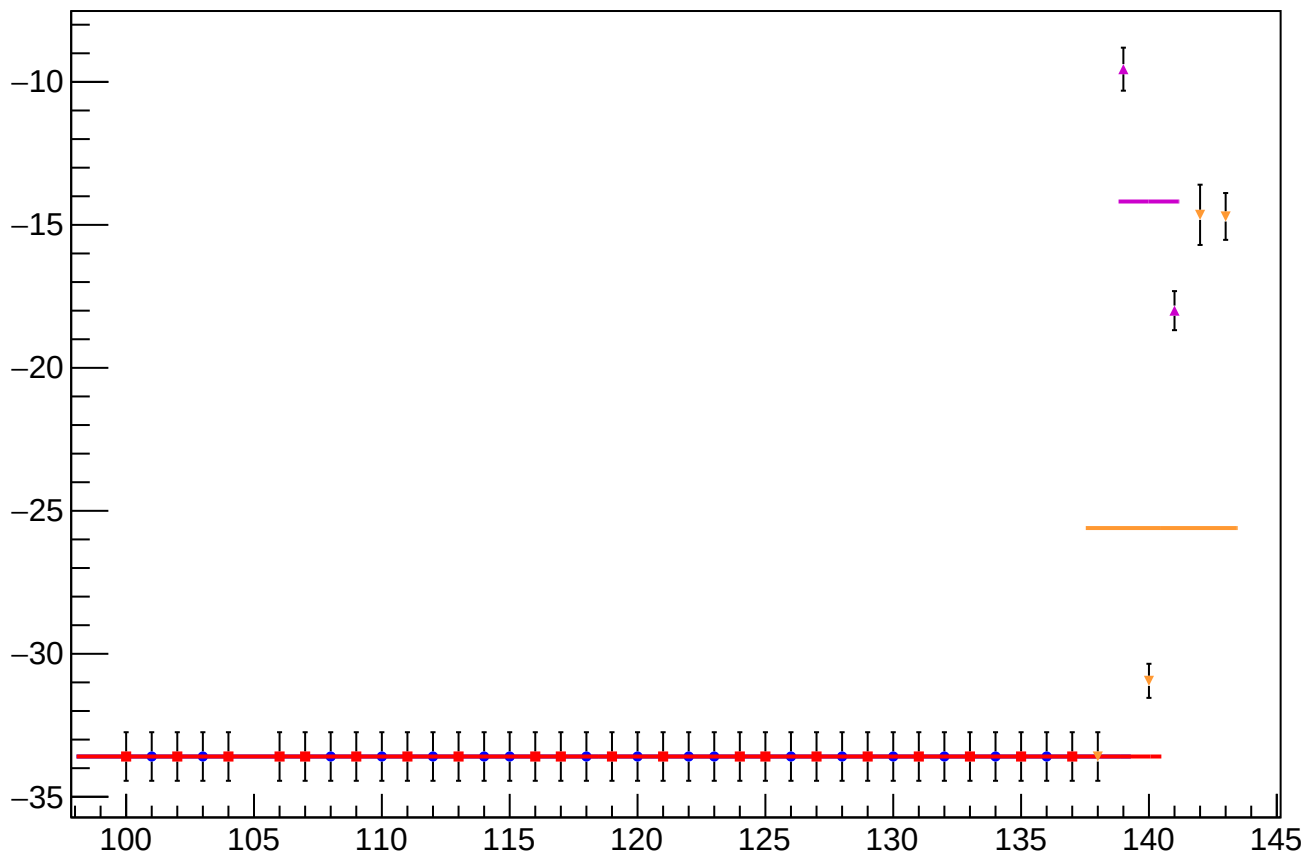
Right Out: 0.177 $\pm$ 0.013 χ^2 /NDF: 975.8/19

Left In: 0.366 $\pm$ 0.014 χ^2 /NDF: 15.9/1

0.299 $\pm$ 0.009 χ^2 /NDF: 746.8/20

0.266 $\pm$ 0.010 χ^2 /NDF: 1085.9/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -33.592 $\pm$ 0.206 χ^2/NDF : 0.0/16

Left Out: -25.602 $\pm$ 0.389 χ^2/NDF : 453.9/3

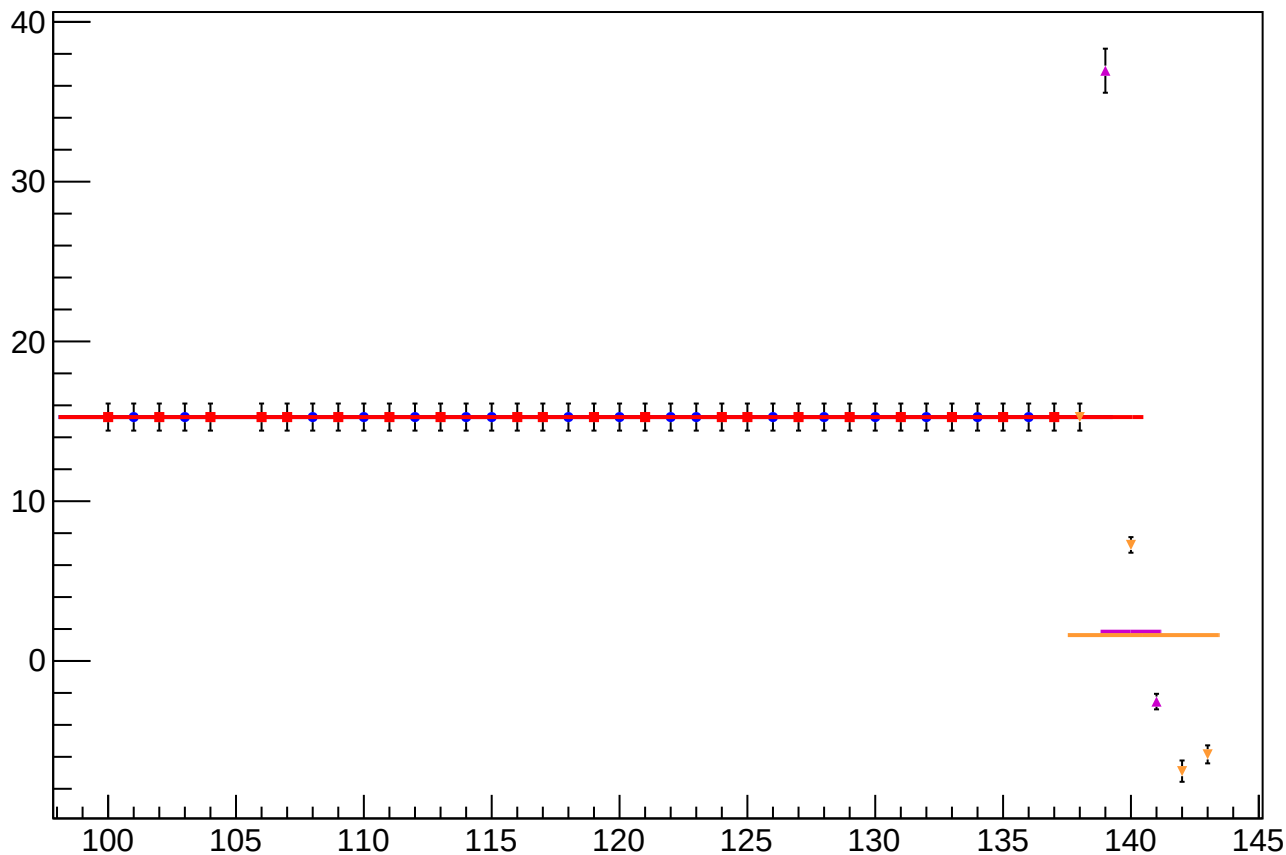
Right Out: -33.592 $\pm$ 0.190 χ^2/NDF : 0.0/19

Left In: -14.183 $\pm$ 0.506 χ^2/NDF : 69.1/1

-31.845 $\pm$ 0.182 χ^2/NDF : 782.7/20

-31.191 $\pm$ 0.178 χ^2/NDF : 1360.2/21

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 15.266 $\pm$ 0.205 χ^2 /NDF: 0.0/16

Left Out: 1.620 $\pm$ 0.302 χ^2 /NDF: 731.4/3

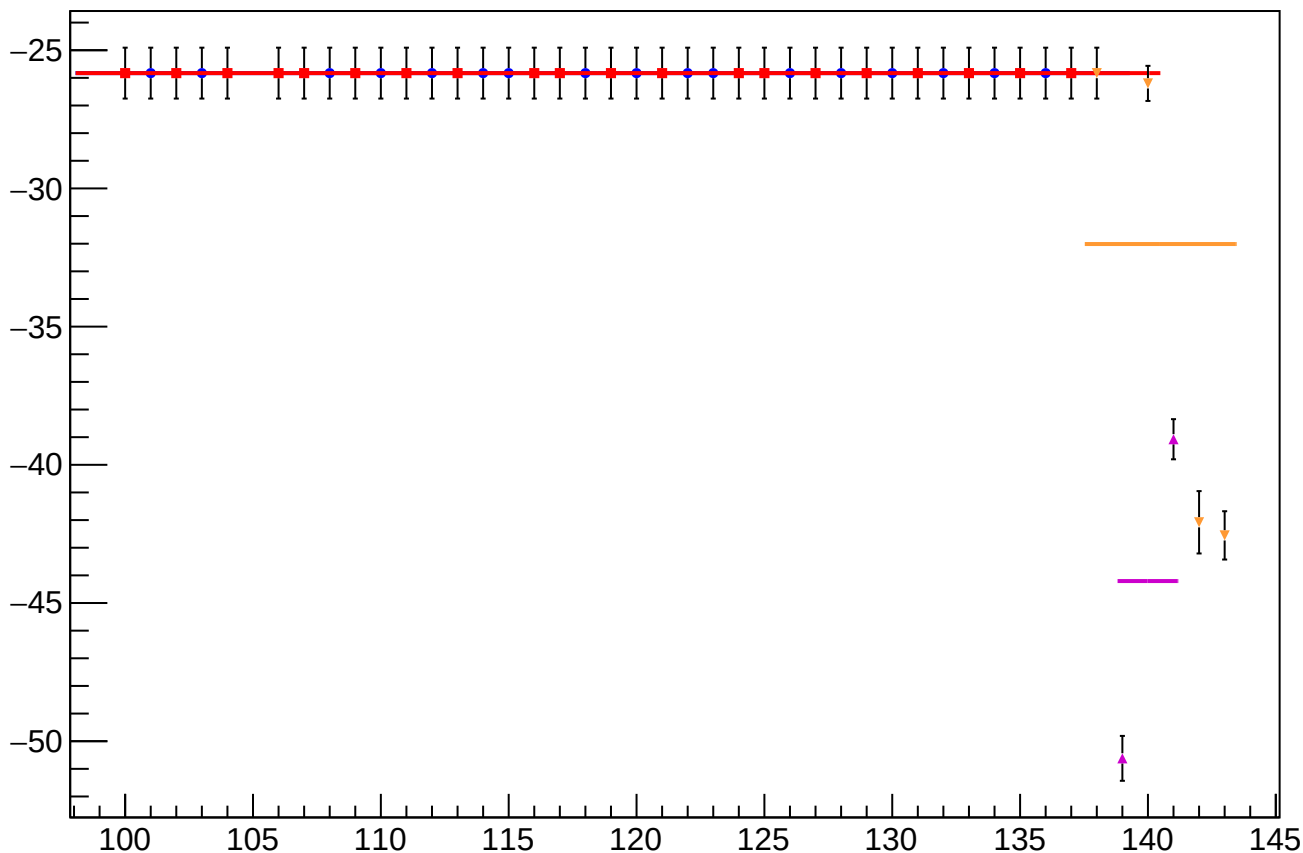
Right Out: 15.266 $\pm$ 0.189 χ^2 /NDF: 0.0/19

Left In: 1.832 $\pm$ 0.459 χ^2 /NDF: 729.1/1

10.944 $\pm$ 0.170 χ^2 /NDF: 2128.2/20

13.311 $\pm$ 0.175 χ^2 /NDF: 1461.0/21

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -25.828 ± 0.223 χ^2/NDF : 0.0/16

Left Out: -32.012 ± 0.417 χ^2/NDF : 354.0/3

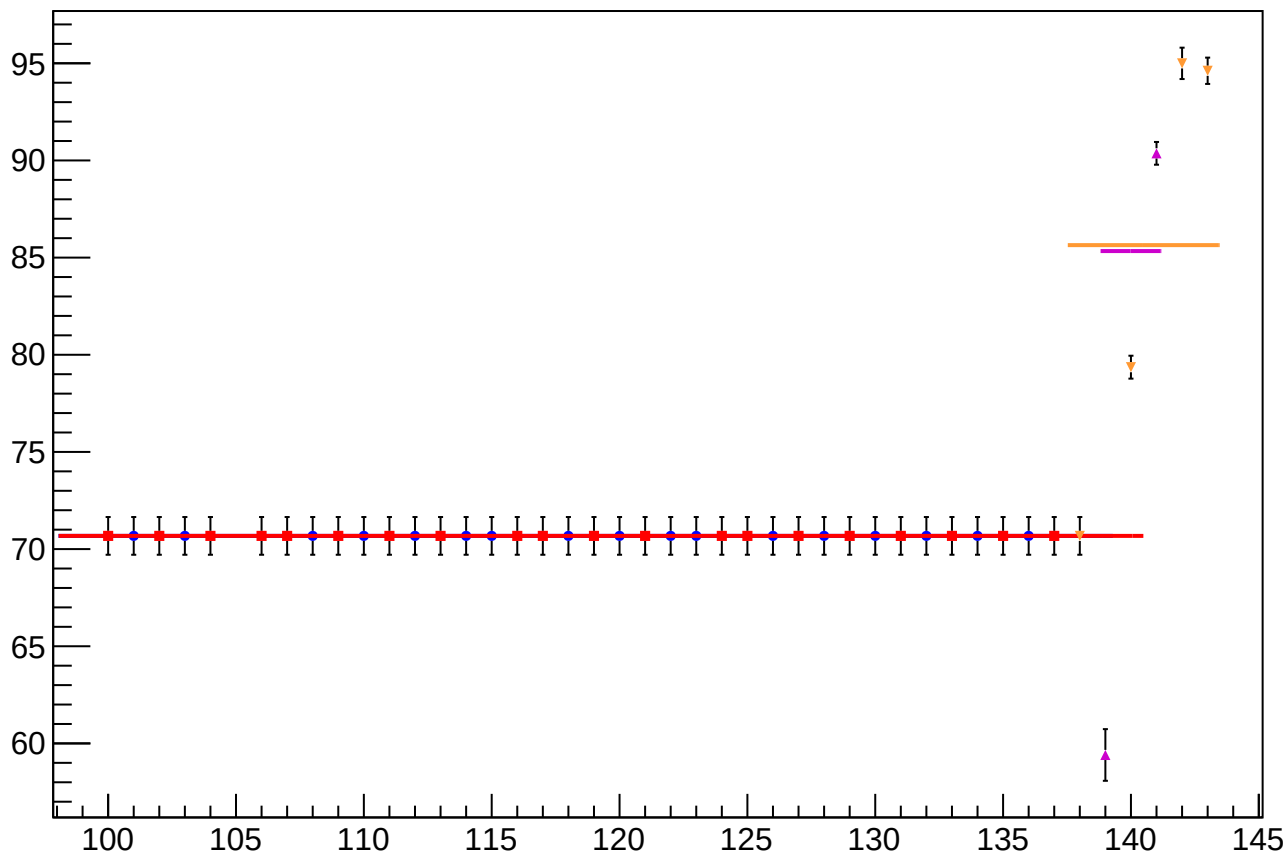
Right Out: -25.828 ± 0.206 χ^2/NDF : 0.0/19

Left In: -44.206 ± 0.541 χ^2/NDF : 112.3/1

-27.208 ± 0.197 χ^2/NDF : 525.0/20

-28.150 ± 0.192 χ^2/NDF : 1118.8/21

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 70.679+/-0.235 χ^2/NDF : 0.0/16

Left Out: 85.642+/-0.361 χ^2/NDF : 660.9/3

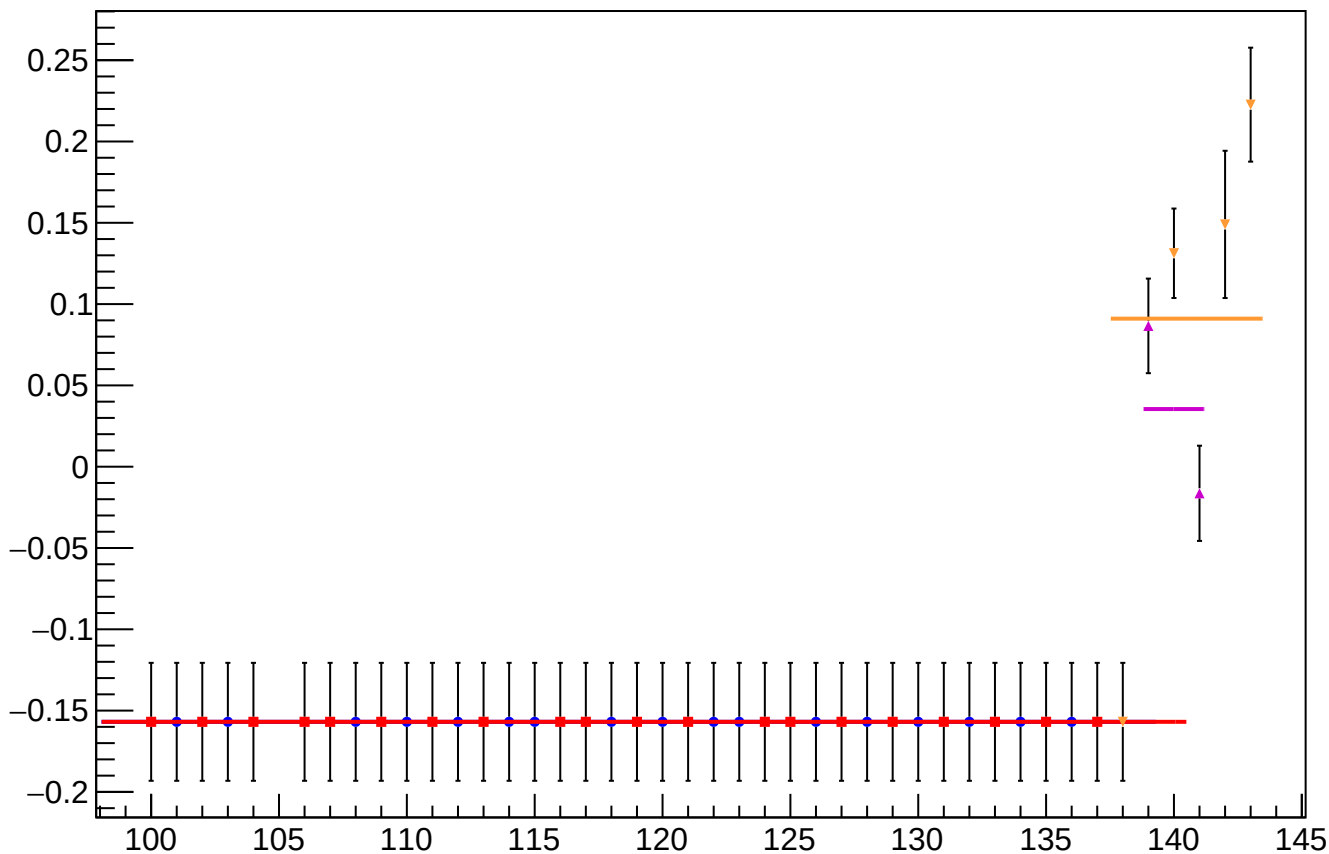
Right Out: 70.679+/-0.217 χ^2/NDF : 0.0/19

Left In: 85.336+/-0.536 χ^2/NDF : 454.1/1

75.137+/-0.197 χ^2/NDF : 1863.8/20

72.745+/-0.201 χ^2/NDF : 1096.7/21

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.157 ± 0.009 χ^2/NDF : 0.0/16

Left Out: 0.091 ± 0.017 χ^2/NDF : 64.6/3

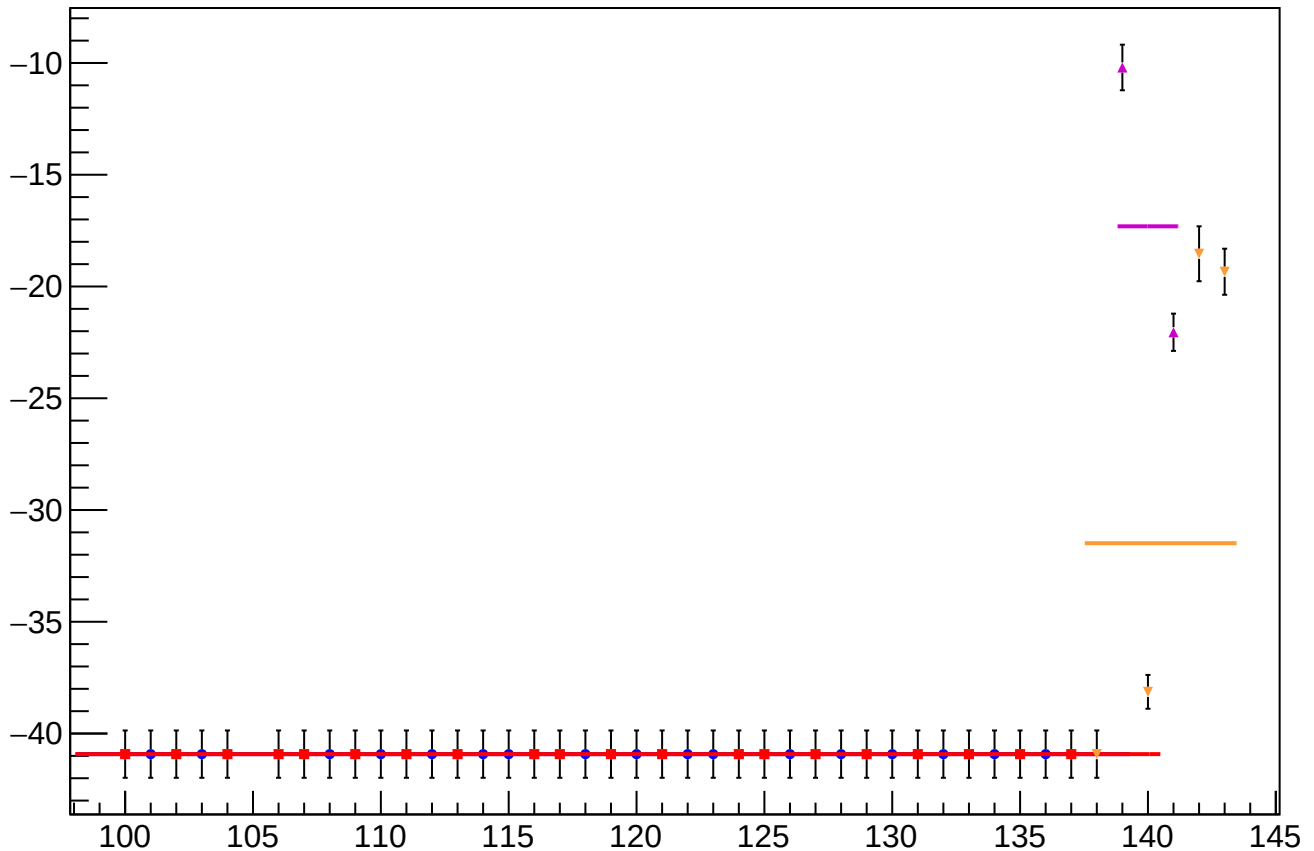
Right Out: -0.157 ± 0.008 χ^2/NDF : 0.0/19

Left In: 0.035 ± 0.021 χ^2/NDF : 6.2/1

-0.105 ± 0.008 χ^2/NDF : 229.5/20

-0.131 ± 0.008 χ^2/NDF : 81.5/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -40.922 ± 0.257 χ^2/NDF : 0.0/16

Left Out: -31.486 ± 0.485 χ^2/NDF : 406.8/3

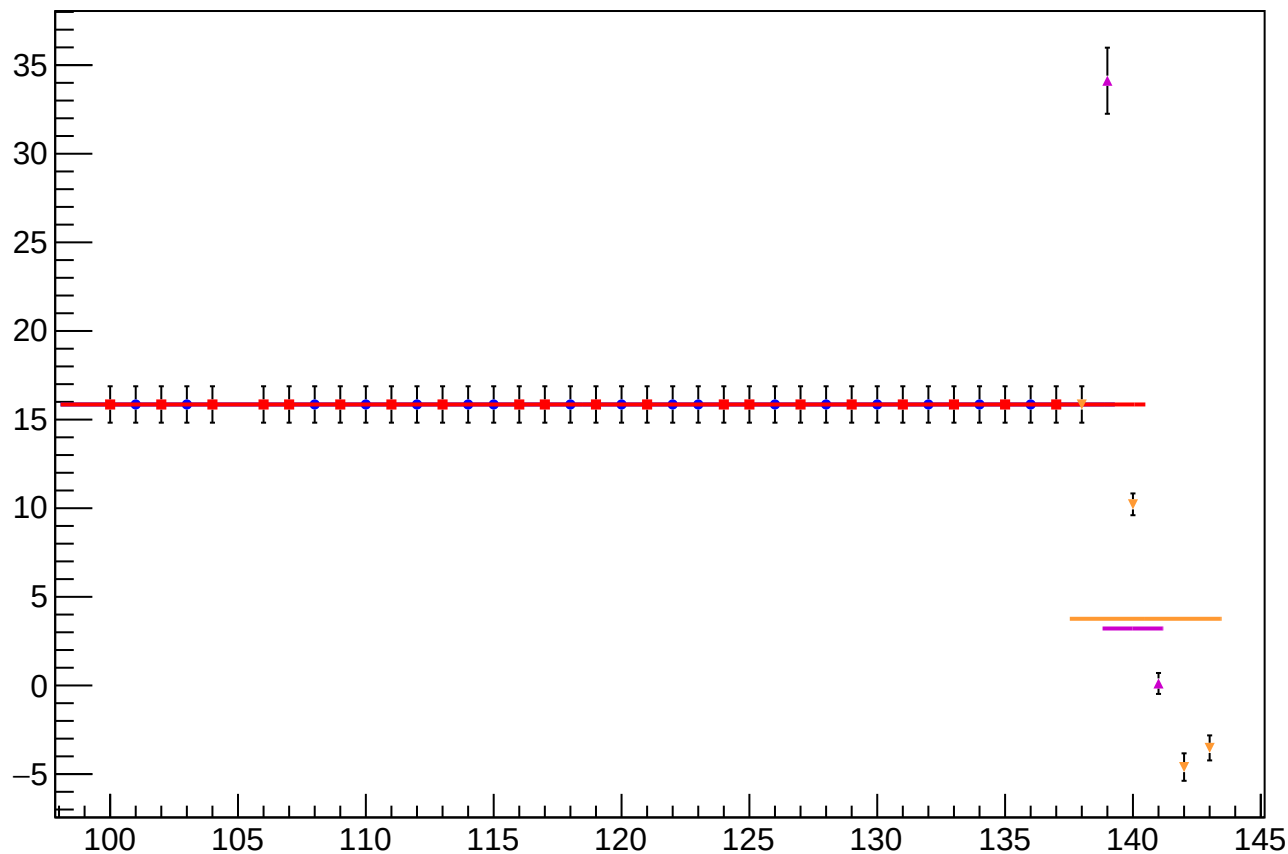
Right Out: -40.922 ± 0.237 χ^2/NDF : 0.0/19

Left In: -17.308 ± 0.645 χ^2/NDF : 80.9/1

-38.859 ± 0.227 χ^2/NDF : 702.0/20

-38.120 ± 0.222 χ^2/NDF : 1261.4/21

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 15.853 $\pm$ 0.249 χ^2 /NDF: 0.0/16

Left Out: 3.762 $\pm$ 0.371 χ^2 /NDF:472.2/3

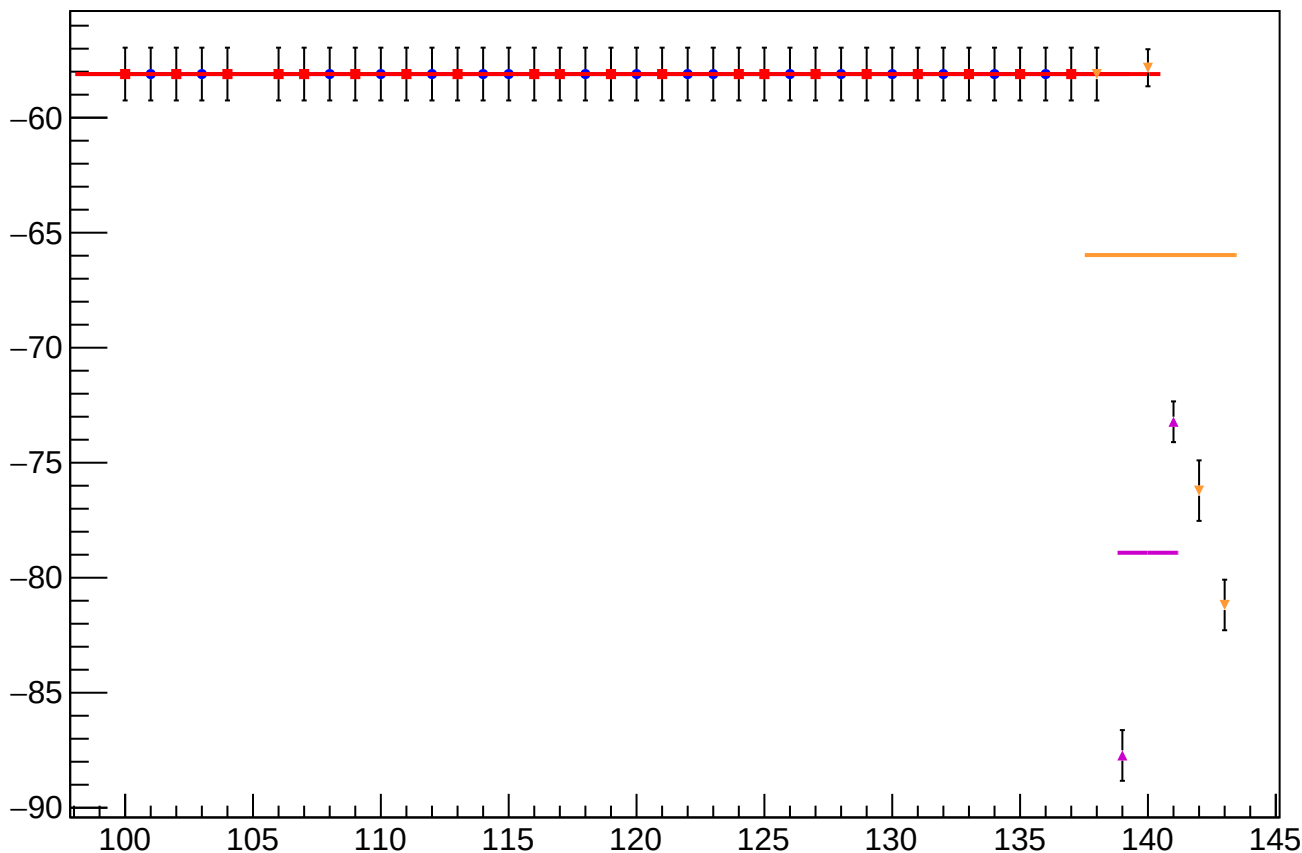
Right Out: 15.853 $\pm$ 0.230 χ^2 /NDF: 0.0/19

Left In: 3.214 $\pm$ 0.563 χ^2 /NDF:302.2/1

12.095 $\pm$ 0.207 χ^2 /NDF: 1204.7/20

14.051 $\pm$ 0.213 χ^2 /NDF: 734.1/21

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -58.103 $\pm$ 0.278 χ^2 /NDF: 0.0/16

Left Out: -65.972 $\pm$ 0.520 χ^2 /NDF:401.3/3

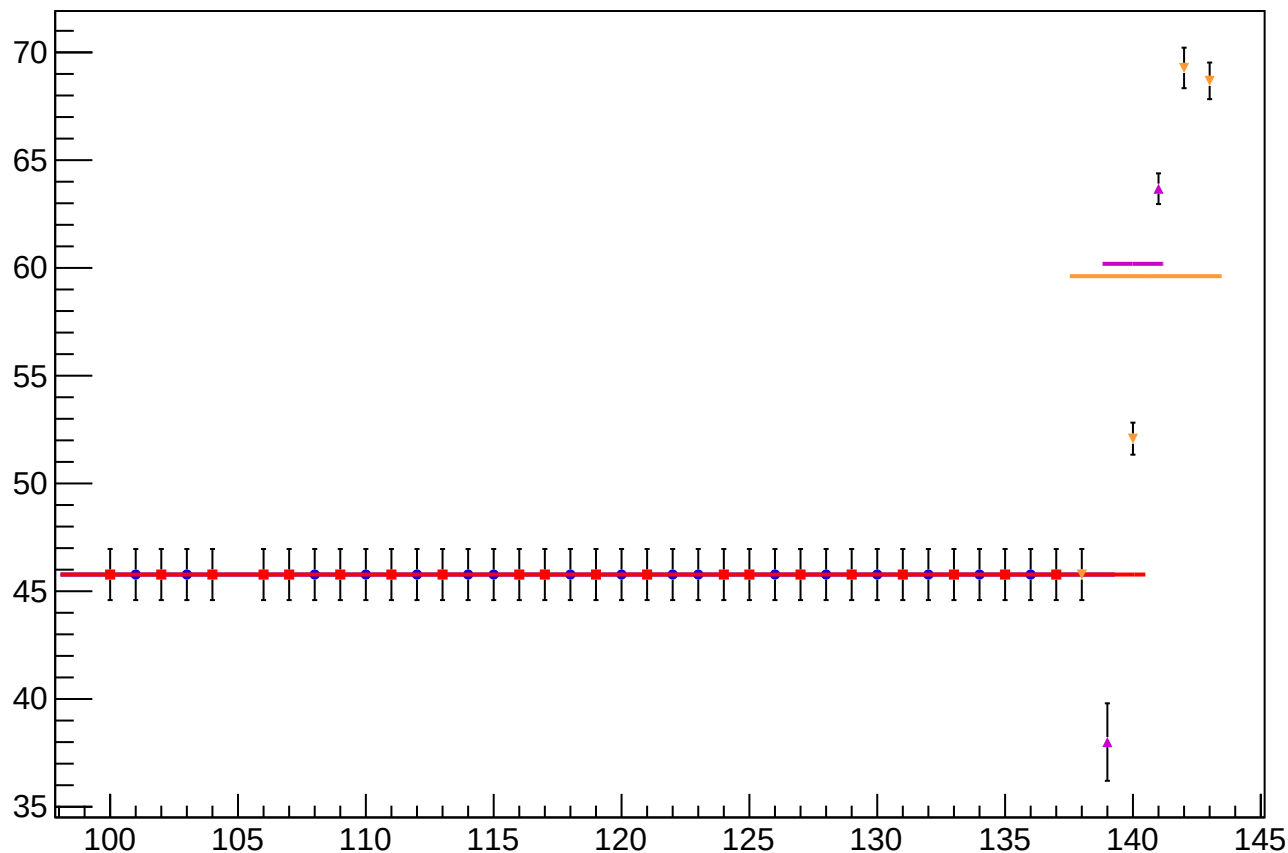
Right Out: -58.103 $\pm$ 0.257 χ^2 /NDF: 0.0/19

Left In: -78.914 $\pm$ 0.690 χ^2 /NDF:105.3/1

-59.858 $\pm$ 0.245 χ^2 /NDF: 579.6/20

-60.628 $\pm$ 0.240 χ^2 /NDF: 903.4/21

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 45.775 $\pm$ 0.288 χ^2 /NDF: 0.0/16

Left Out: 59.616 $\pm$ 0.445 χ^2 /NDF:458.8/3

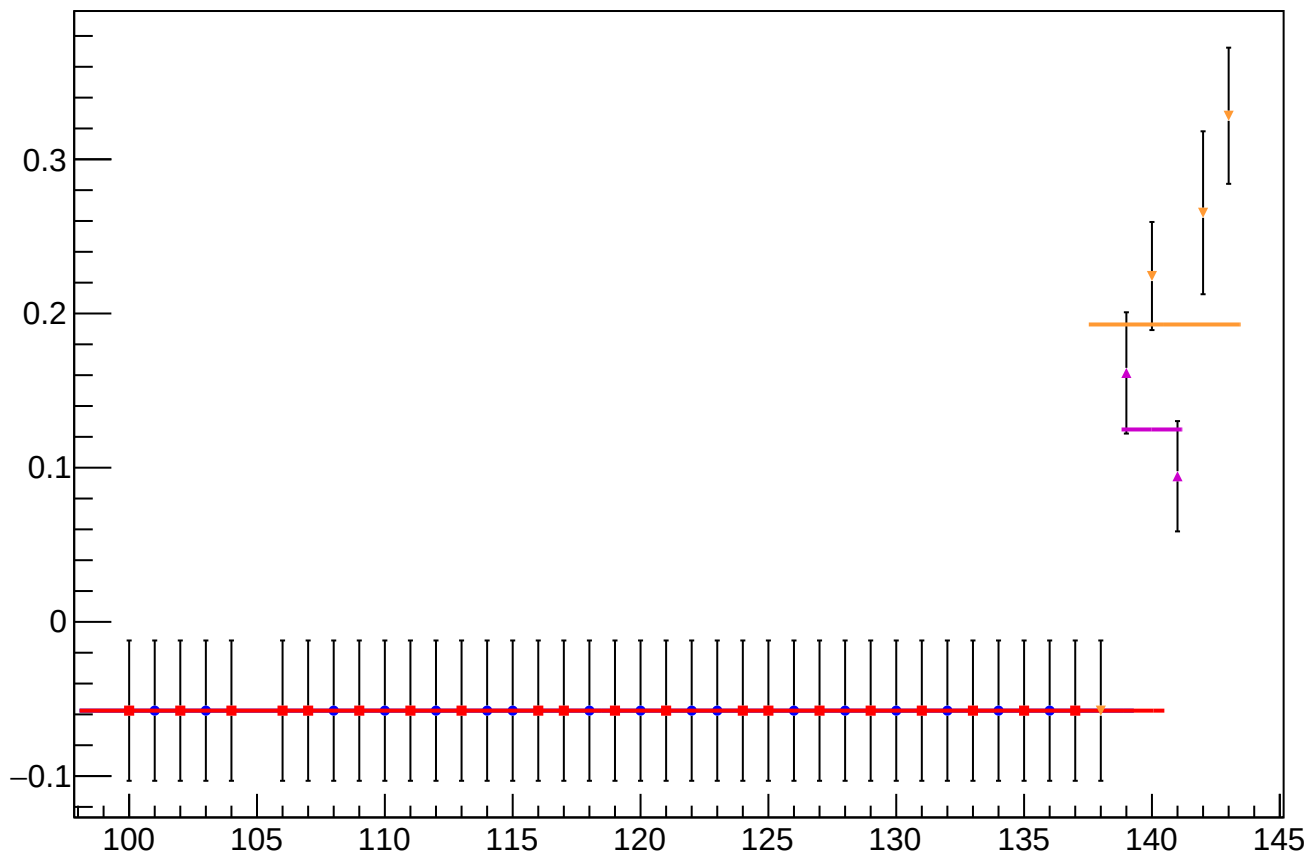
Right Out: 45.775 $\pm$ 0.265 χ^2 /NDF: 0.0/19

Left In: 60.191 $\pm$ 0.662 χ^2 /NDF:176.3/1

49.847 $\pm$ 0.242 χ^2 /NDF: 1140.5/20

47.766 $\pm$ 0.246 χ^2 /NDF: 584.8/21

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.058 $\pm$ 0.011 χ^2/NDF : 0.0/16

Left Out: 0.193 $\pm$ 0.021 χ^2/NDF : 42.4/3

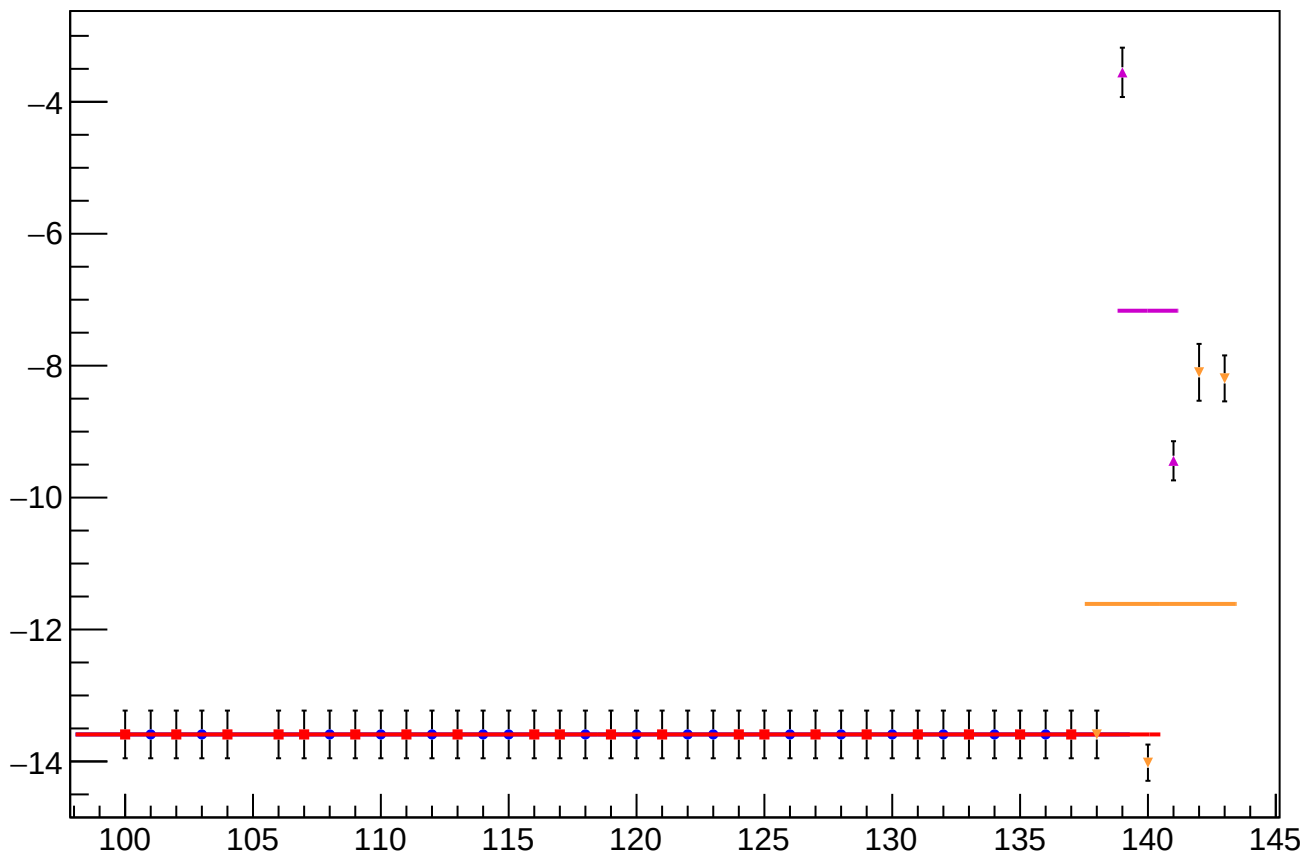
Right Out: -0.058 $\pm$ 0.010 χ^2/NDF : 0.0/19

Left In: 0.125 $\pm$ 0.026 χ^2/NDF : 1.6/1

-0.005 $\pm$ 0.010 χ^2/NDF : 150.0/20

-0.034 $\pm$ 0.009 χ^2/NDF : 43.0/21

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -13.591 $\pm$ 0.088 χ^2/NDF : 0.0/16

Left Out: -11.612 $\pm$ 0.170 χ^2/NDF : 269.5/3

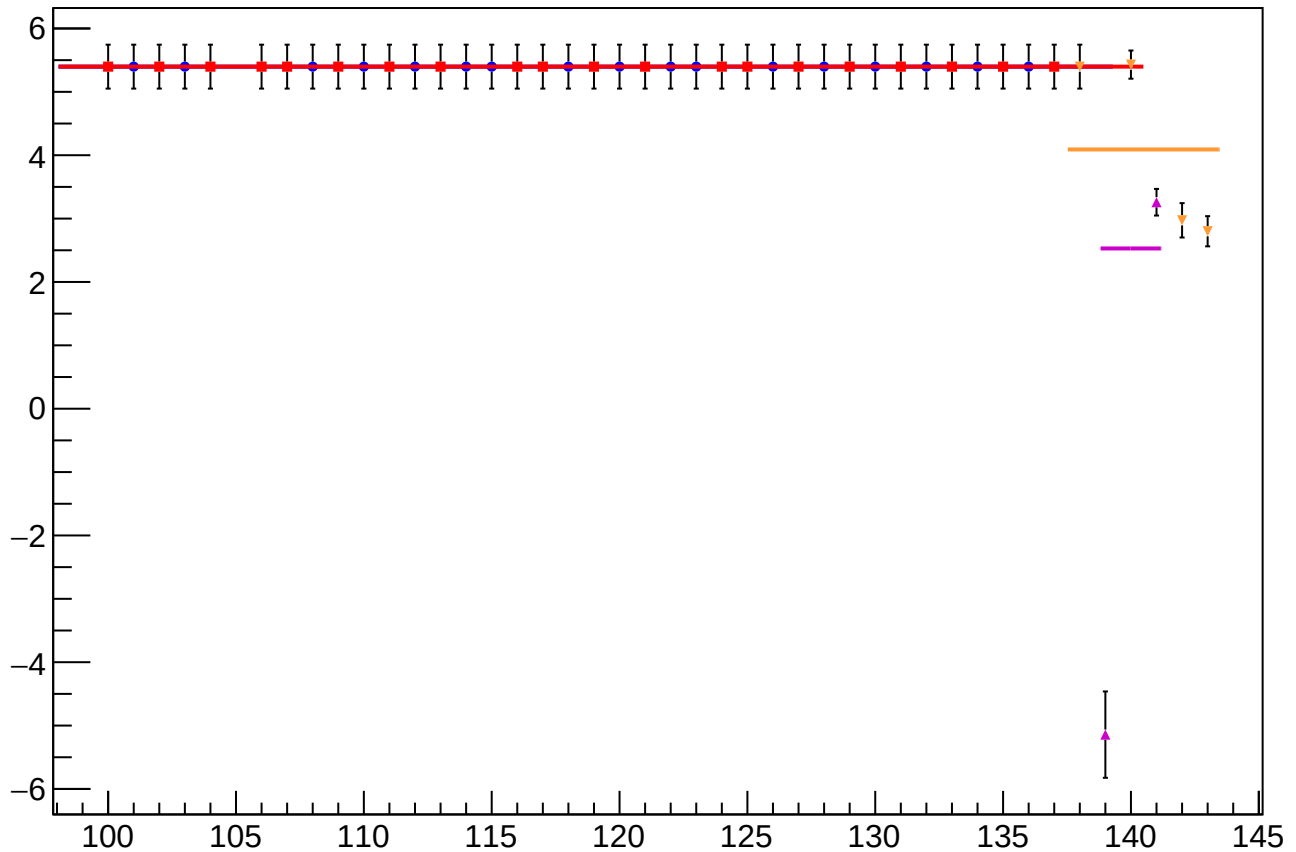
Right Out: -13.591 $\pm$ 0.081 χ^2/NDF : 0.0/19

Left In: -7.167 $\pm$ 0.233 χ^2/NDF : 152.0/1

-13.176 $\pm$ 0.078 χ^2/NDF : 376.3/20

-12.899 $\pm$ 0.076 χ^2/NDF : 832.6/21

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 5.398 $\pm$ 0.084 χ^2 /NDF: 0.0/16

Left Out: 4.091 $\pm$ 0.129 χ^2 /NDF:96.9/3

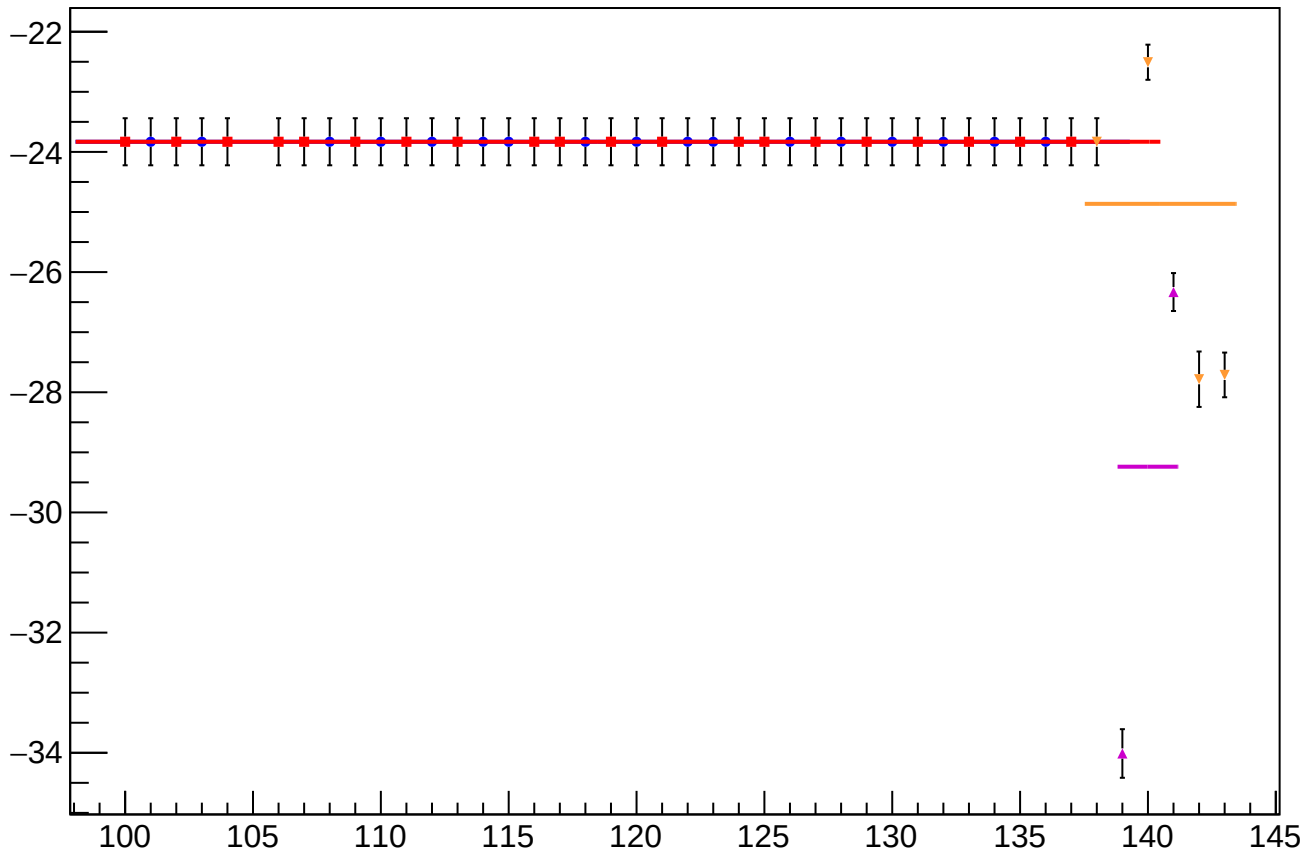
Right Out: 5.398 $\pm$ 0.077 χ^2 /NDF: 0.0/19

Left In: 2.529 $\pm$ 0.201 χ^2 /NDF:138.9/1

5.010 $\pm$ 0.070 χ^2 /NDF: 168.7/20

5.026 $\pm$ 0.072 χ^2 /NDF: 316.6/21

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -23.831 $\pm$ 0.095 χ^2 /NDF: 0.0/16

Left Out: -24.864 $\pm$ 0.182 χ^2 /NDF:170.6/3

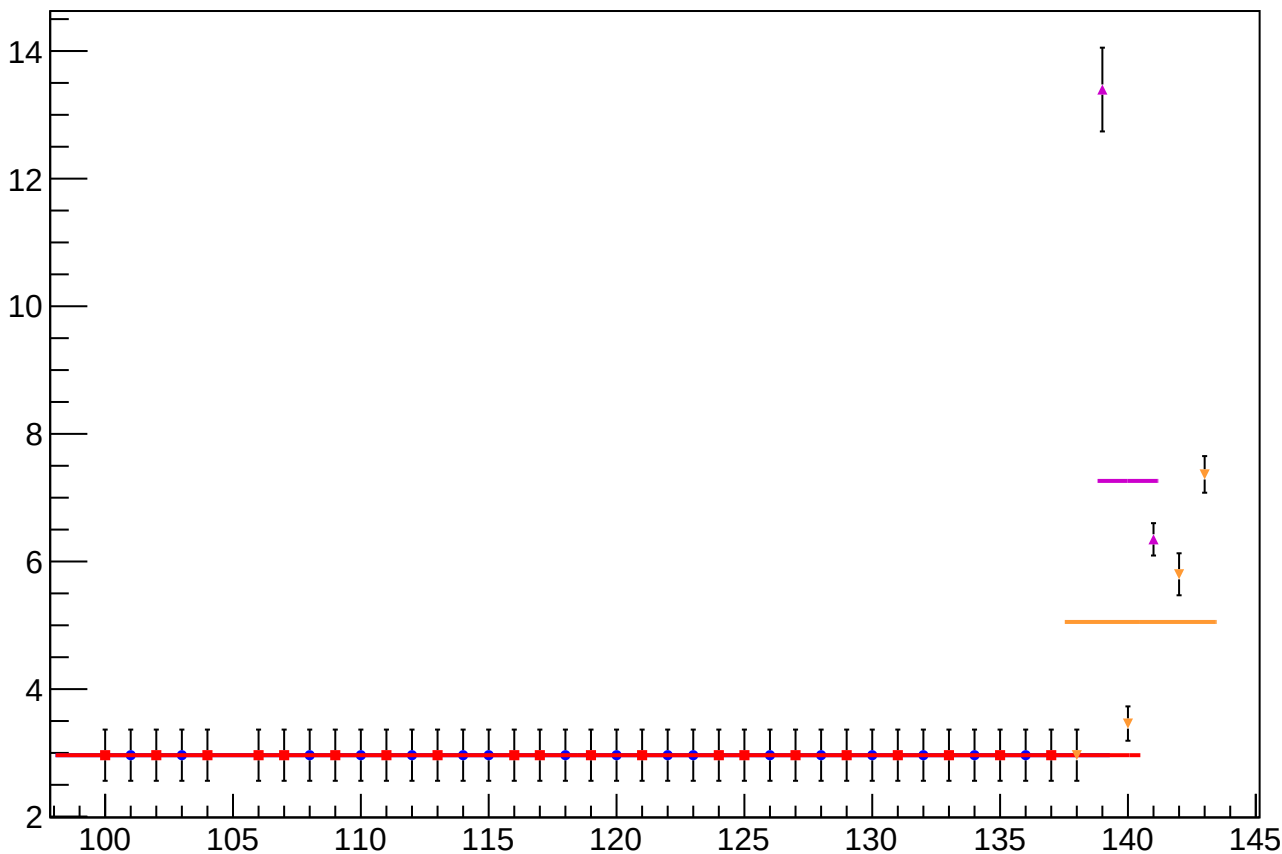
Right Out: -23.831 $\pm$ 0.088 χ^2 /NDF: 0.0/19

Left In: -29.239 $\pm$ 0.249 χ^2 /NDF:223.9/1

-24.052 $\pm$ 0.084 χ^2 /NDF: 195.9/20

-24.427 $\pm$ 0.083 χ^2 /NDF: 644.0/21

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 2.964 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 5.053 $\pm$ 0.155 χ^2 /NDF:132.2/3

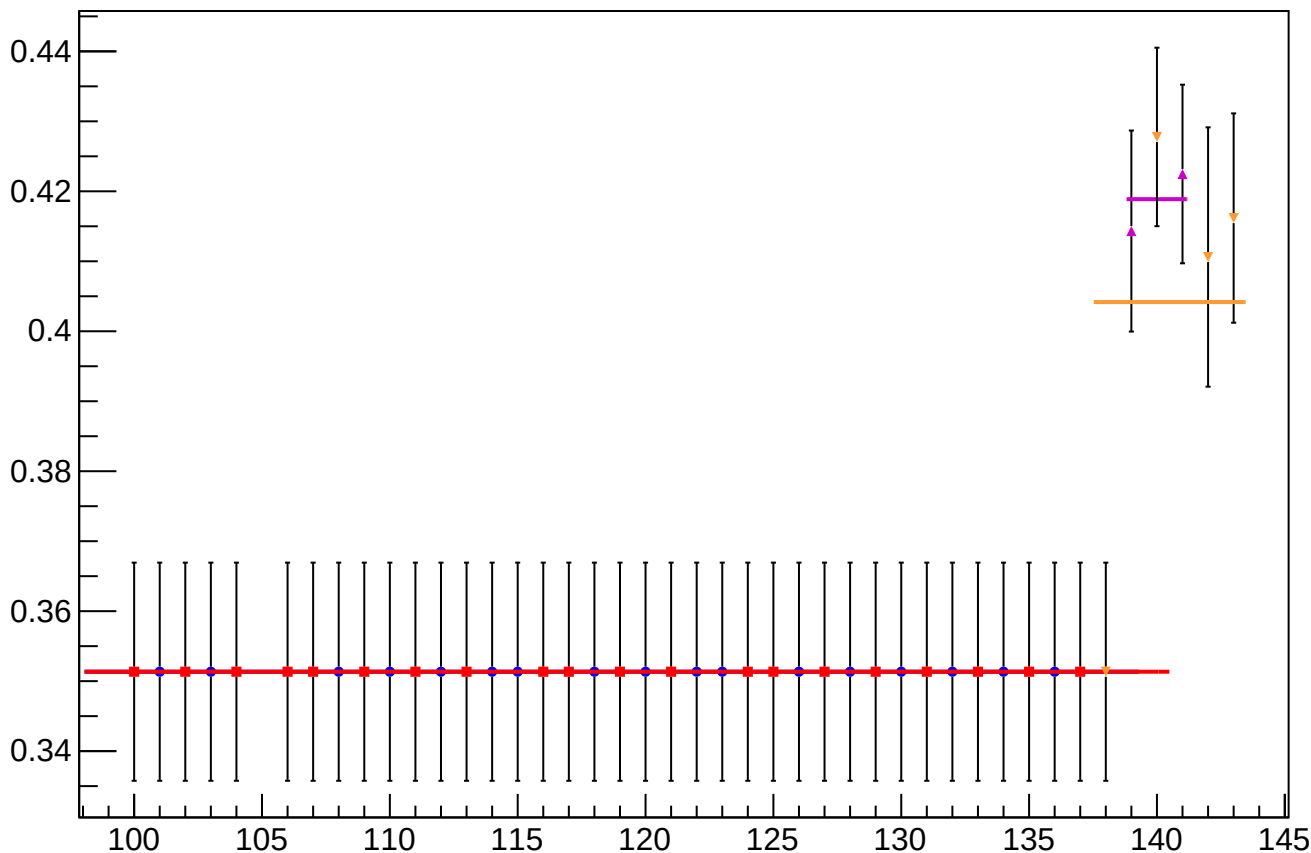
Right Out: 2.964 $\pm$ 0.090 χ^2 /NDF: 0.0/19

Left In: 7.263 $\pm$ 0.237 χ^2 /NDF:100.3/1

3.553 $\pm$ 0.082 χ^2 /NDF: 261.8/20

3.505 $\pm$ 0.084 χ^2 /NDF: 389.0/21

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.351 $\pm$ 0.004 χ^2 /NDF: 0.0/16

Left Out: 0.404 $\pm$ 0.008 χ^2 /NDF: 15.7/3

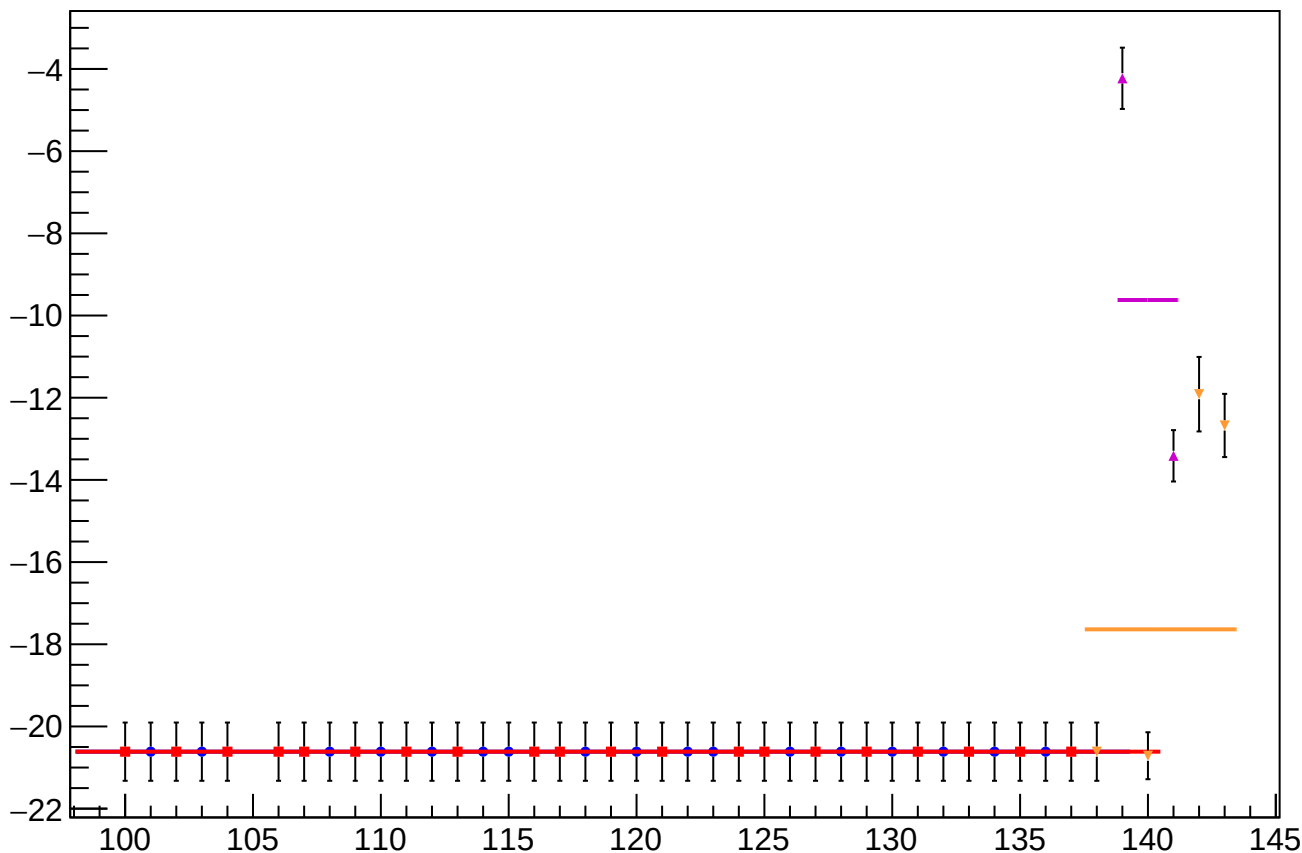
Right Out: 0.351 $\pm$ 0.003 χ^2 /NDF: 0.0/19

Left In: 0.419 $\pm$ 0.010 χ^2 /NDF: 0.2/1

0.362 $\pm$ 0.003 χ^2 /NDF: 55.0/20

0.359 $\pm$ 0.003 χ^2 /NDF: 44.4/21

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -20.614 ± 0.172 χ^2/NDF : 0.0/16

Left Out: -17.637 ± 0.354 χ^2/NDF : 128.0/3

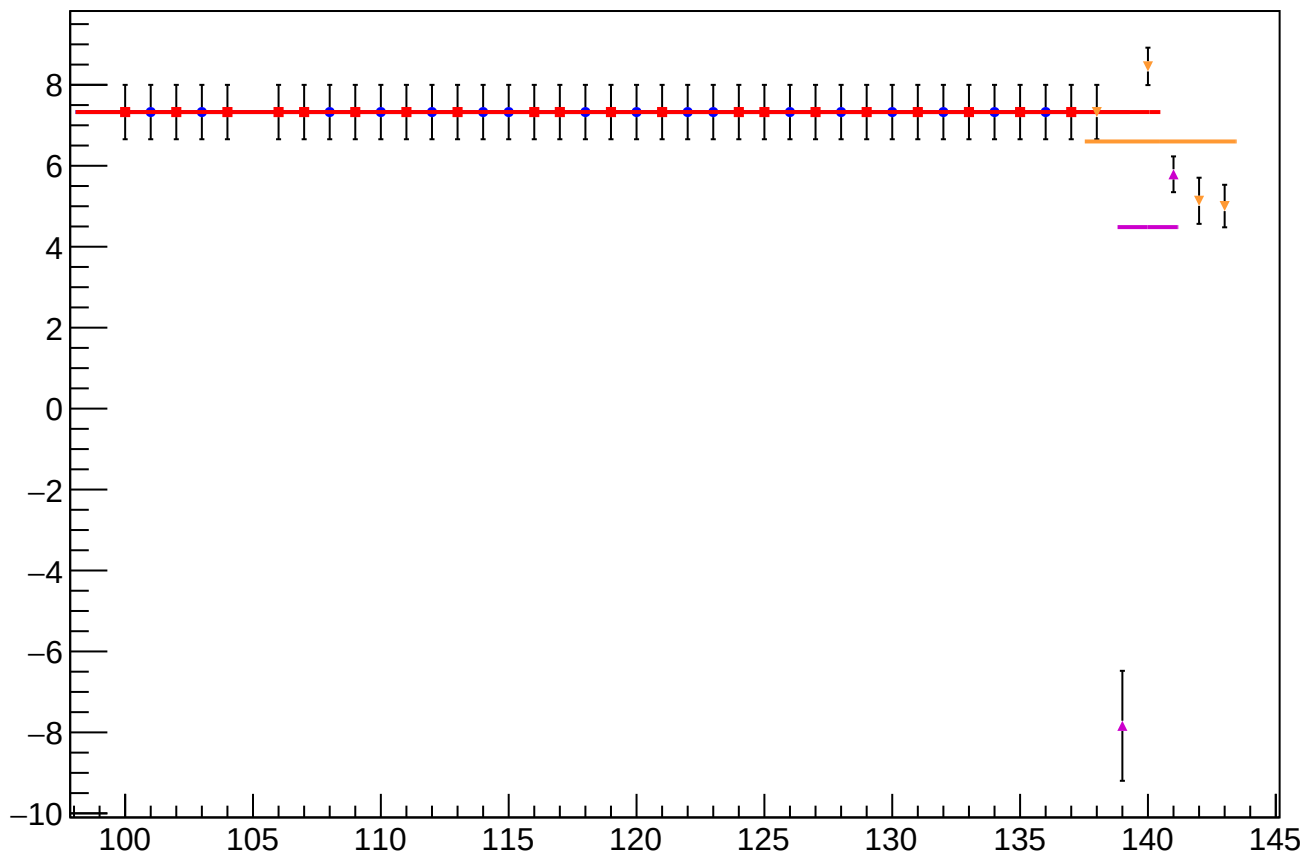
Right Out: -20.614 ± 0.158 χ^2/NDF : 0.0/19

Left In: -9.622 ± 0.479 χ^2/NDF : 89.2/1

-20.047 ± 0.155 χ^2/NDF : 185.1/20

-19.529 ± 0.150 χ^2/NDF : 563.7/21

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 7.327 ± 0.163 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 6.601 ± 0.271 $\chi^2/\text{NDF}: 33.1/3$

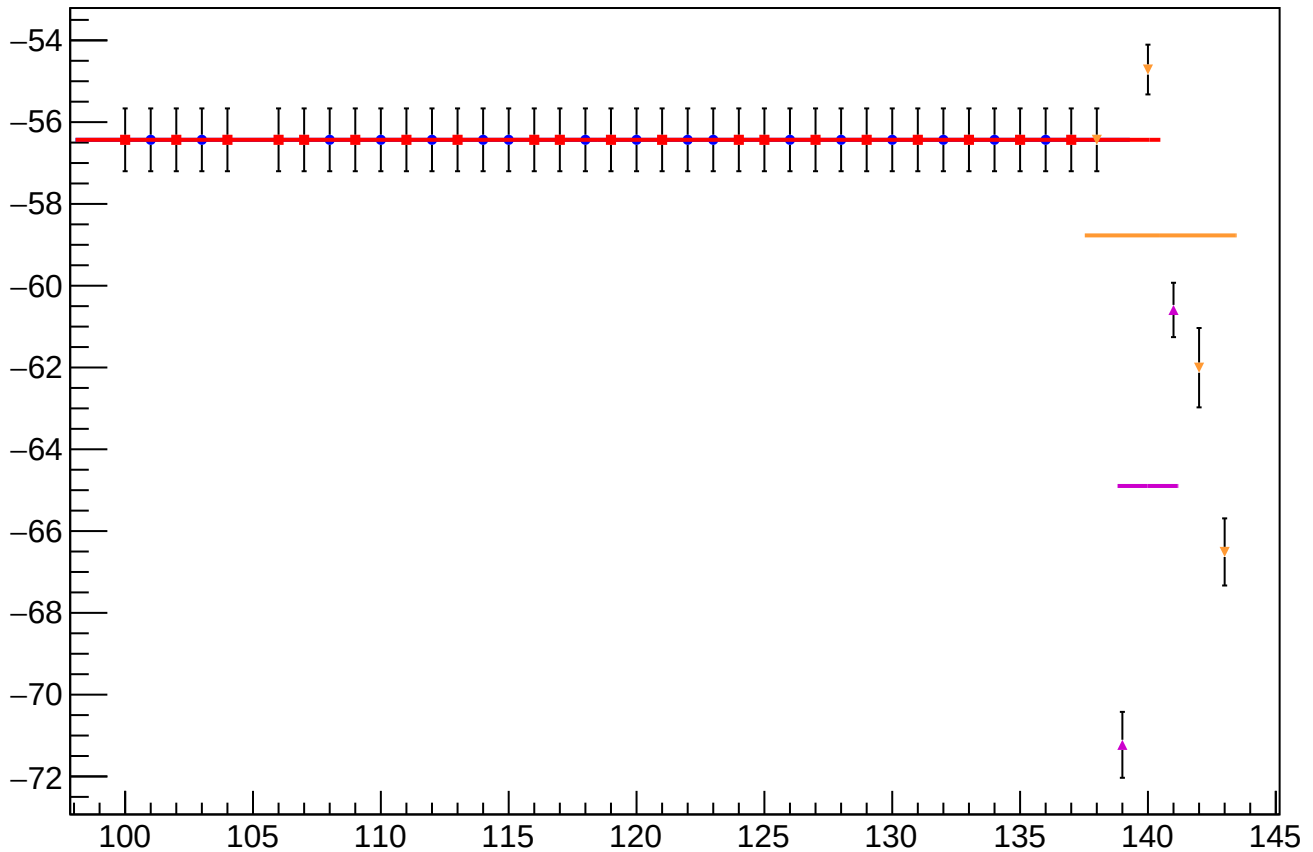
Right Out: 7.327 ± 0.150 $\chi^2/\text{NDF}: 0.0/19$

Left In: 4.485 ± 0.420 $\chi^2/\text{NDF}: 91.0/1$

7.135 ± 0.140 $\chi^2/\text{NDF}: 38.4/20$

7.005 ± 0.141 $\chi^2/\text{NDF}: 131.5/21$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -56.432 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: -58.770 $\pm$ 0.379 χ^2 /NDF:153.8/3

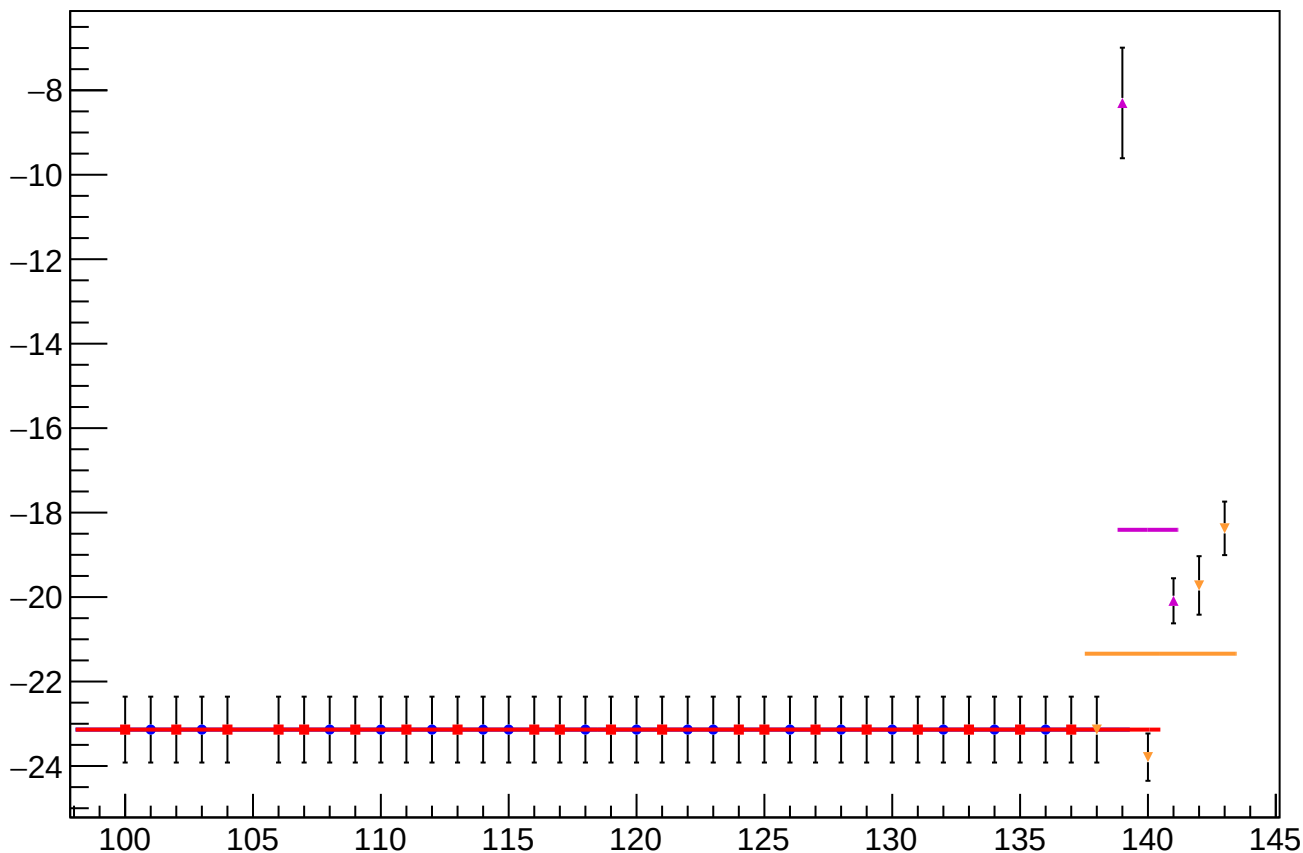
Right Out: -56.432 $\pm$ 0.172 χ^2 /NDF: 0.0/19

Left In: -64.897 $\pm$ 0.513 χ^2 /NDF:103.6/1

-56.886 $\pm$ 0.167 χ^2 /NDF: 184.3/20

-57.286 $\pm$ 0.163 χ^2 /NDF: 348.6/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -23.138 ± 0.189 χ^2/NDF : 0.0/16

Left Out: -21.341 ± 0.326 χ^2/NDF : 51.8/3

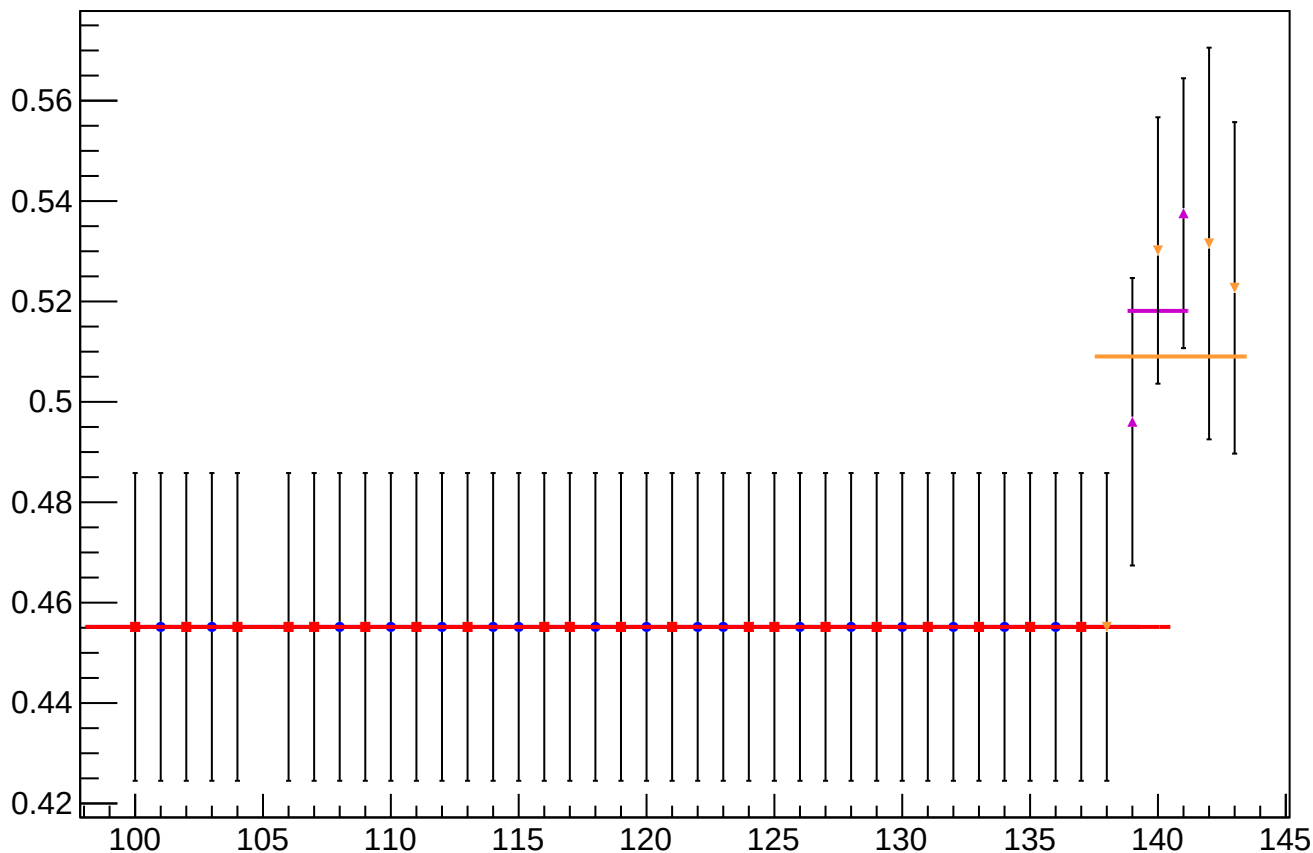
Right Out: -23.138 ± 0.174 χ^2/NDF : 0.0/19

Left In: -18.407 ± 0.494 χ^2/NDF : 69.5/1

-22.686 ± 0.164 χ^2/NDF : 74.6/20

-22.615 ± 0.164 χ^2/NDF : 151.0/21

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.455+/-0.007 χ^2/NDF : 0.0/16

Left Out: 0.509+/-0.016 χ^2/NDF : 4.2/3

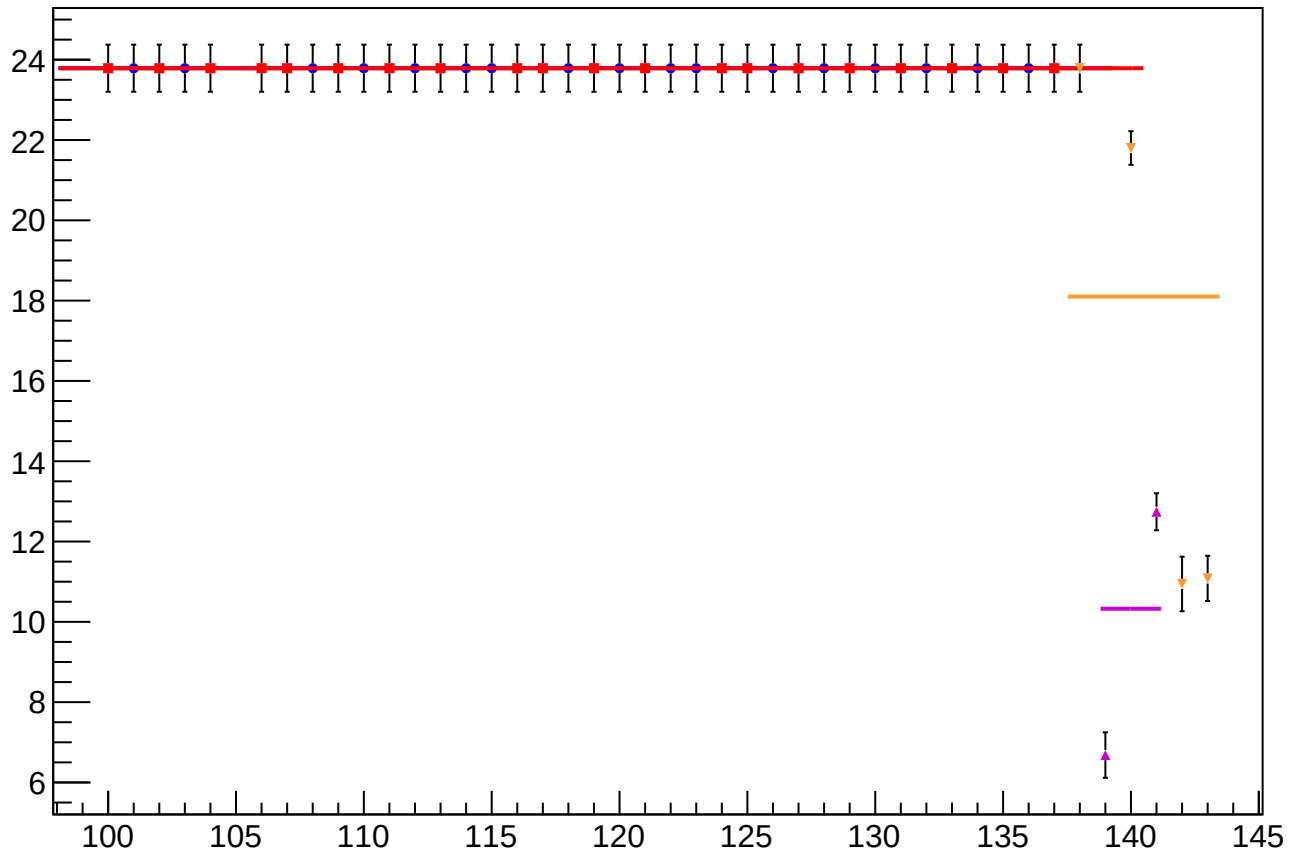
Right Out: 0.455+/-0.007 χ^2/NDF : 0.0/19

Left In: 0.518+/-0.020 χ^2/NDF : 1.1/1

0.465+/-0.007 χ^2/NDF : 13.8/20

0.462+/-0.006 χ^2/NDF : 10.3/21

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 23.788 $\pm$ 0.142 χ^2 /NDF: 0.0/16

Left Out: 18.101 $\pm$ 0.268 χ^2 /NDF:438.7/3

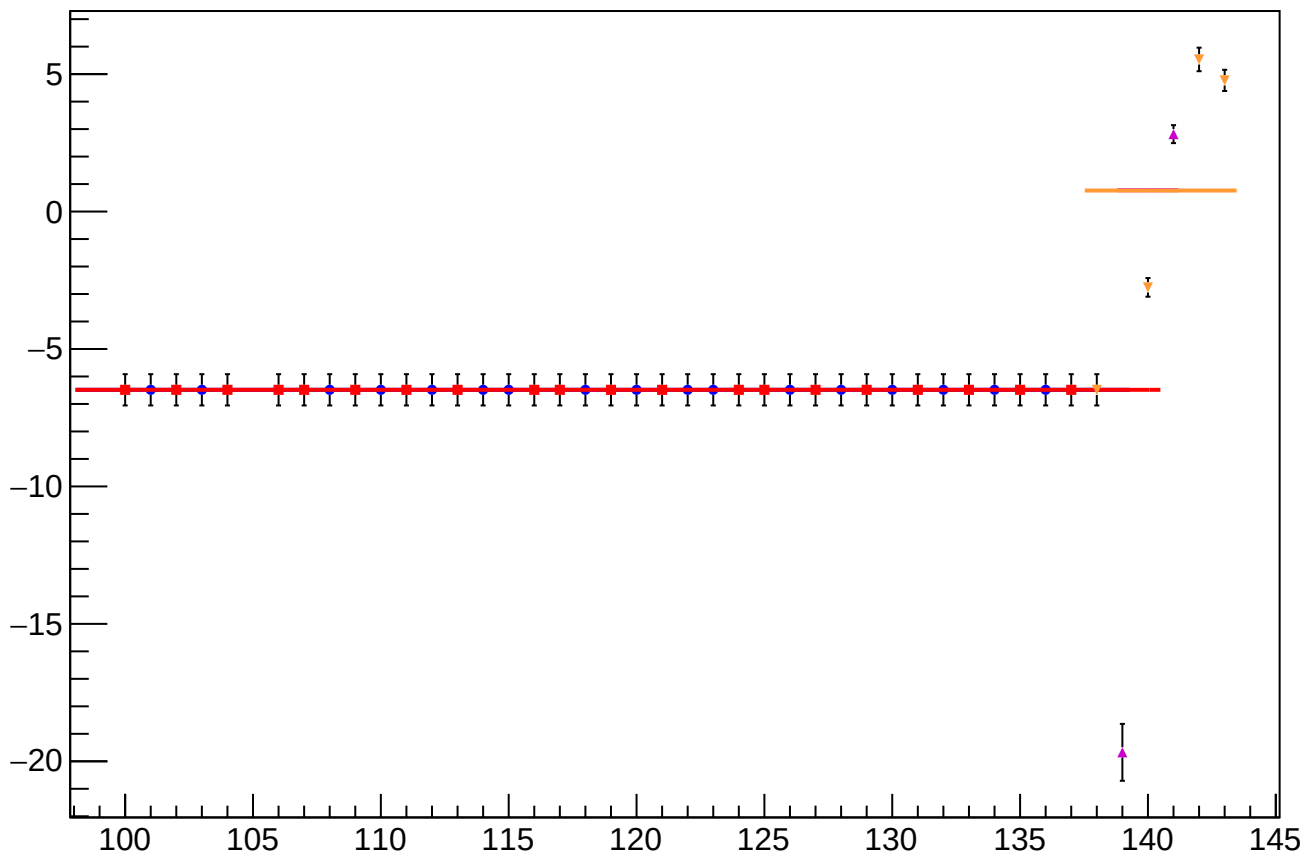
Right Out: 23.788 $\pm$ 0.131 χ^2 /NDF: 0.0/19

Left In: 10.327 $\pm$ 0.358 χ^2 /NDF:68.8/1

22.536 $\pm$ 0.126 χ^2 /NDF: 790.3/20

22.191 $\pm$ 0.123 χ^2 /NDF: 1317.9/21

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.485 ± 0.138 χ^2/NDF : 0.0/16

Left Out: 0.765 ± 0.204 χ^2/NDF : 501.9/3

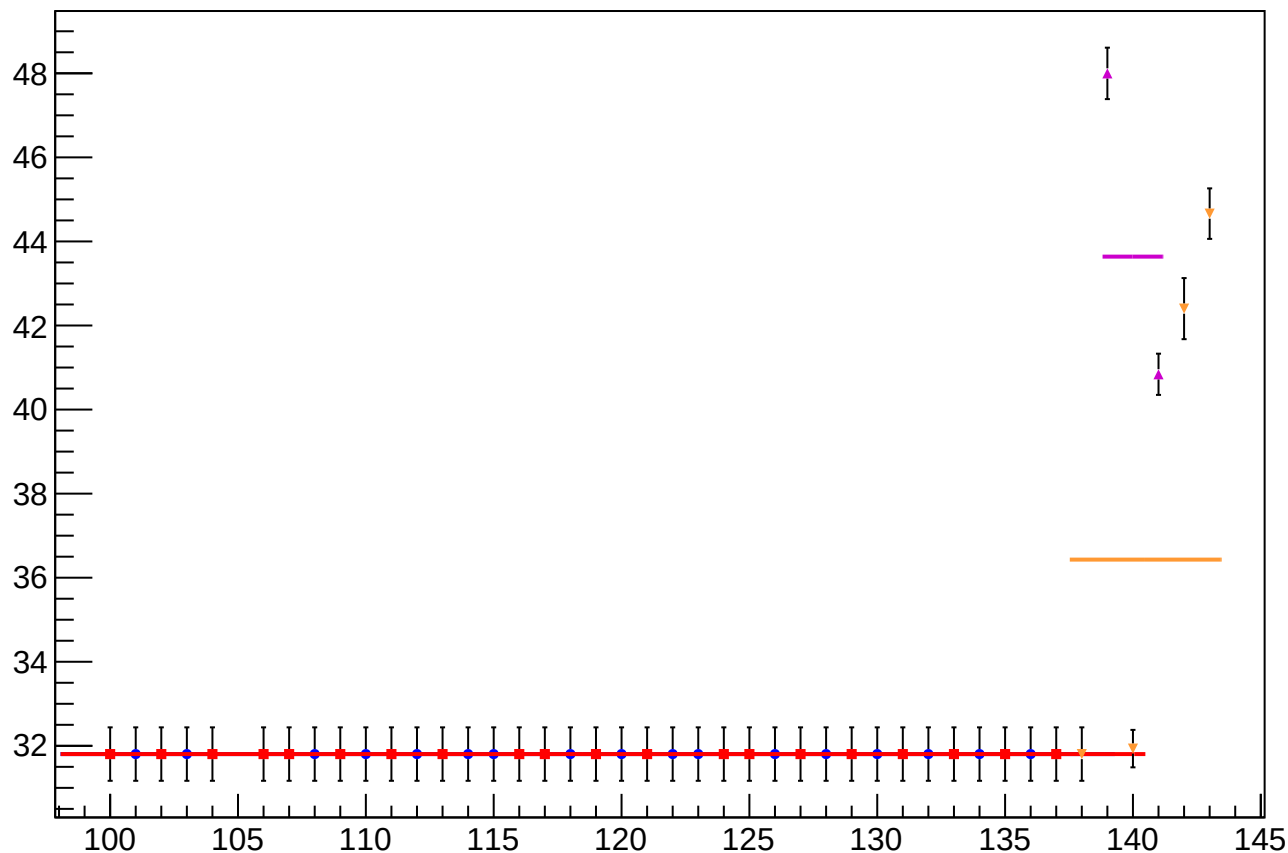
Right Out: -6.485 ± 0.127 χ^2/NDF : 0.0/19

Left In: 0.777 ± 0.312 χ^2/NDF : 429.1/1

-4.215 ± 0.114 χ^2/NDF : 1366.0/20

-5.449 ± 0.118 χ^2/NDF : 894.2/21

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 31.804 $\pm$ 0.154 χ^2 /NDF: 0.0/16

Left Out: 36.430 $\pm$ 0.287 χ^2 /NDF:410.1/3

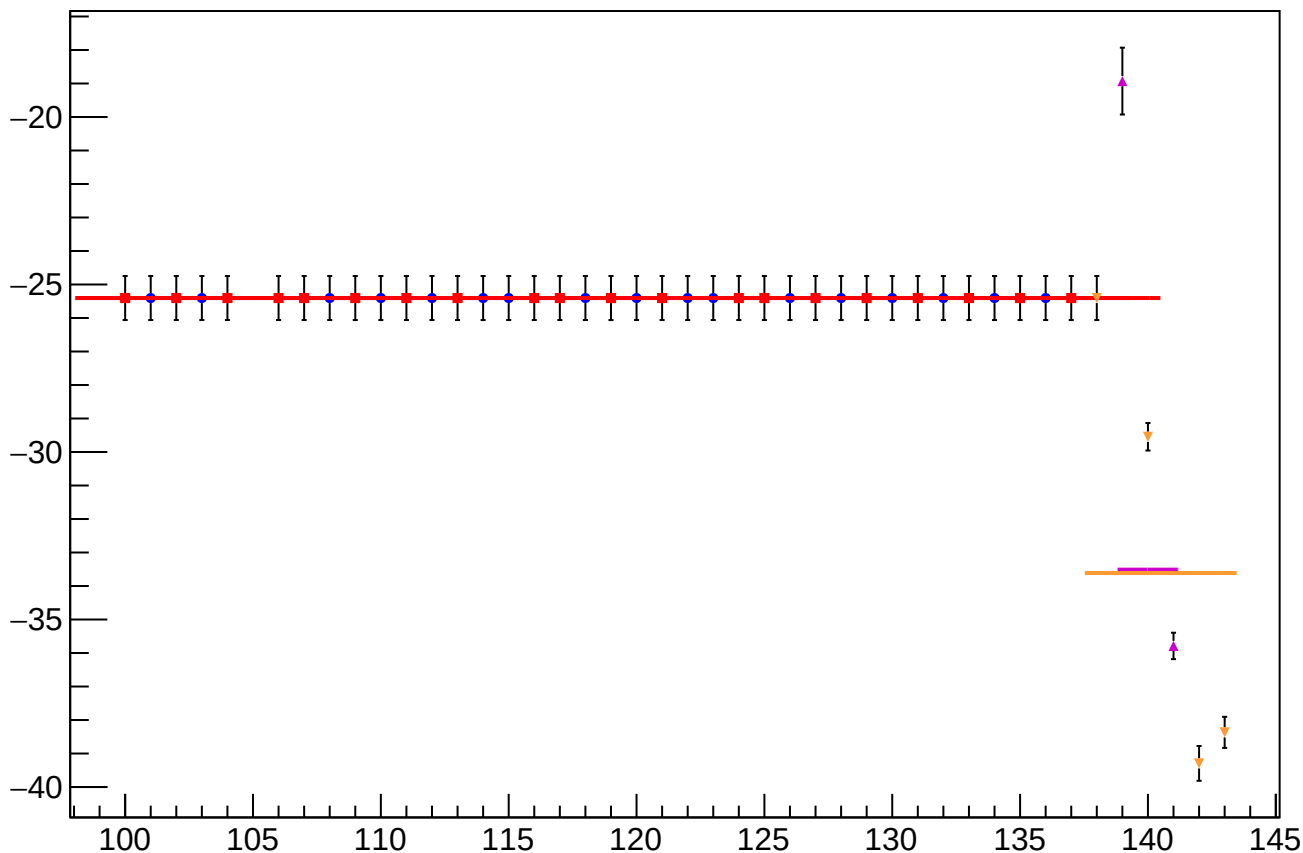
Right Out: 31.804 $\pm$ 0.142 χ^2 /NDF: 0.0/19

Left In: 43.639 $\pm$ 0.383 χ^2 /NDF:83.3/1

32.842 $\pm$ 0.136 χ^2 /NDF: 612.2/20

33.239 $\pm$ 0.133 χ^2 /NDF: 923.9/21

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -25.404 ± 0.159 χ^2/NDF : 0.0/16

Left Out: -33.612 ± 0.245 χ^2/NDF : 478.8/3

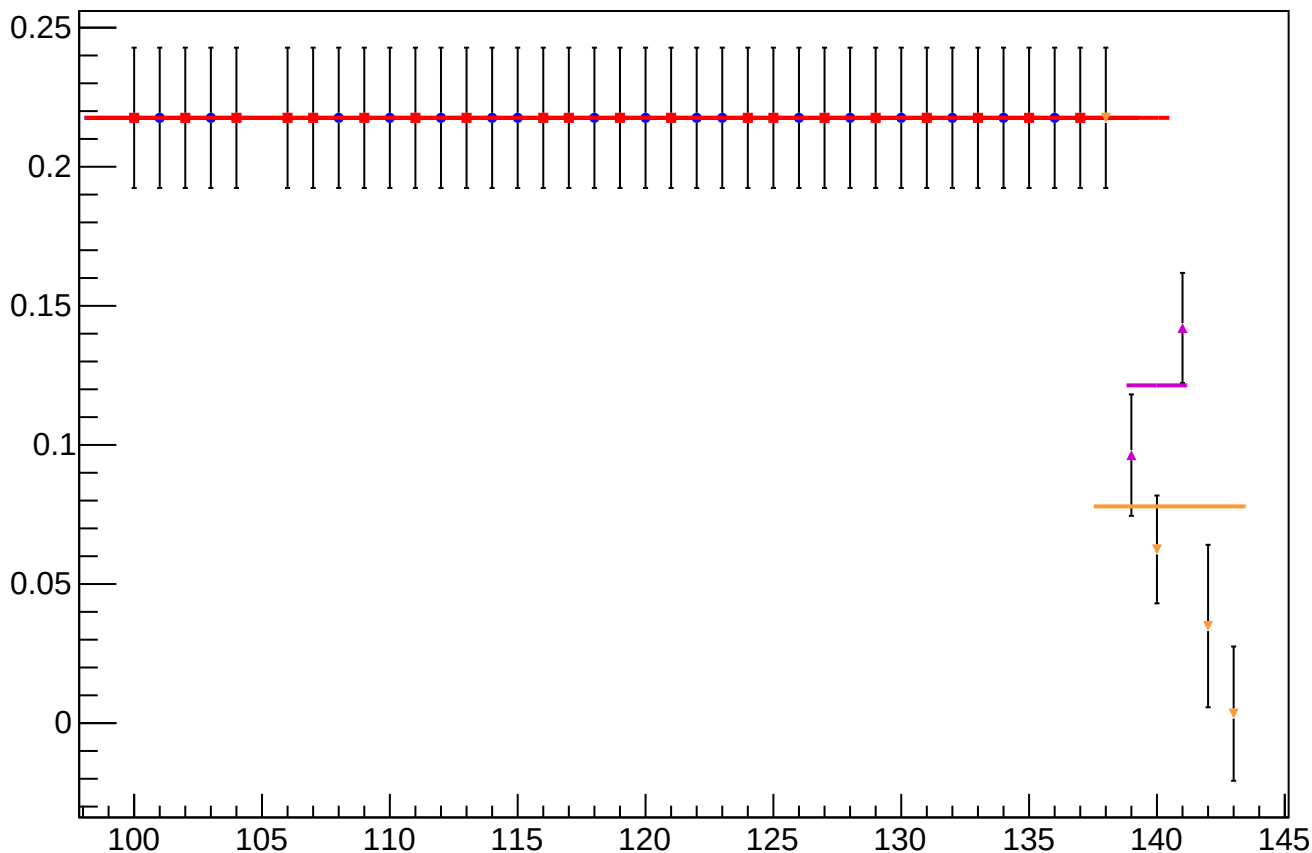
Right Out: -25.404 ± 0.147 χ^2/NDF : 0.0/19

Left In: -33.512 ± 0.367 χ^2/NDF : 246.9/1

-27.837 ± 0.134 χ^2/NDF : 1265.3/20

-26.525 ± 0.136 χ^2/NDF : 668.2/21

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.218 $\pm$ 0.006 χ^2 /NDF: 0.0/16

Left Out: 0.078 $\pm$ 0.012 χ^2 /NDF: 43.0/3

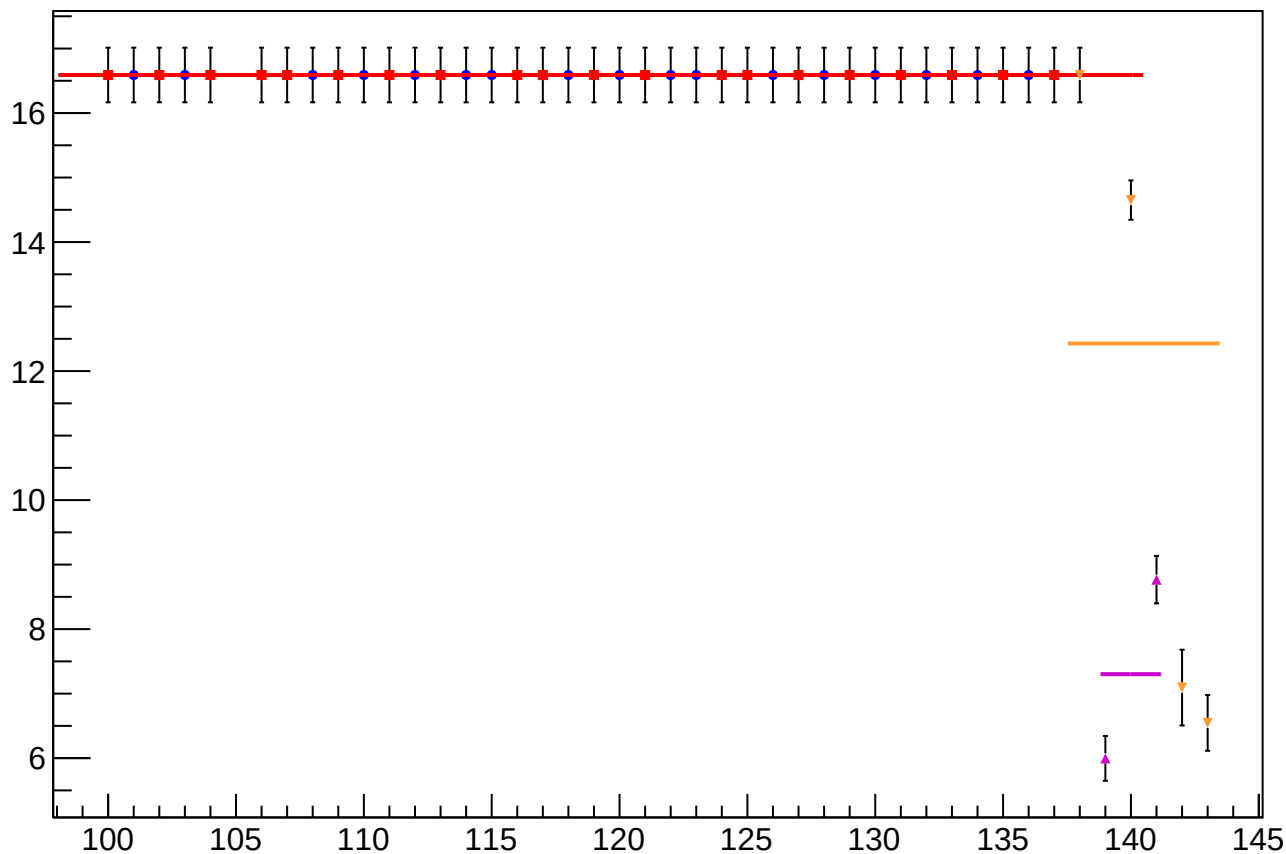
Right Out: 0.218 $\pm$ 0.006 χ^2 /NDF: 0.0/19

Left In: 0.121 $\pm$ 0.015 χ^2 /NDF: 2.4/1

0.188 $\pm$ 0.005 χ^2 /NDF: 152.7/20

0.205 $\pm$ 0.005 χ^2 /NDF: 39.9/21

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 16.590 $\pm$ 0.103 χ^2 /NDF: 0.0/16

Left Out: 12.428 $\pm$ 0.202 χ^2 /NDF:417.7/3

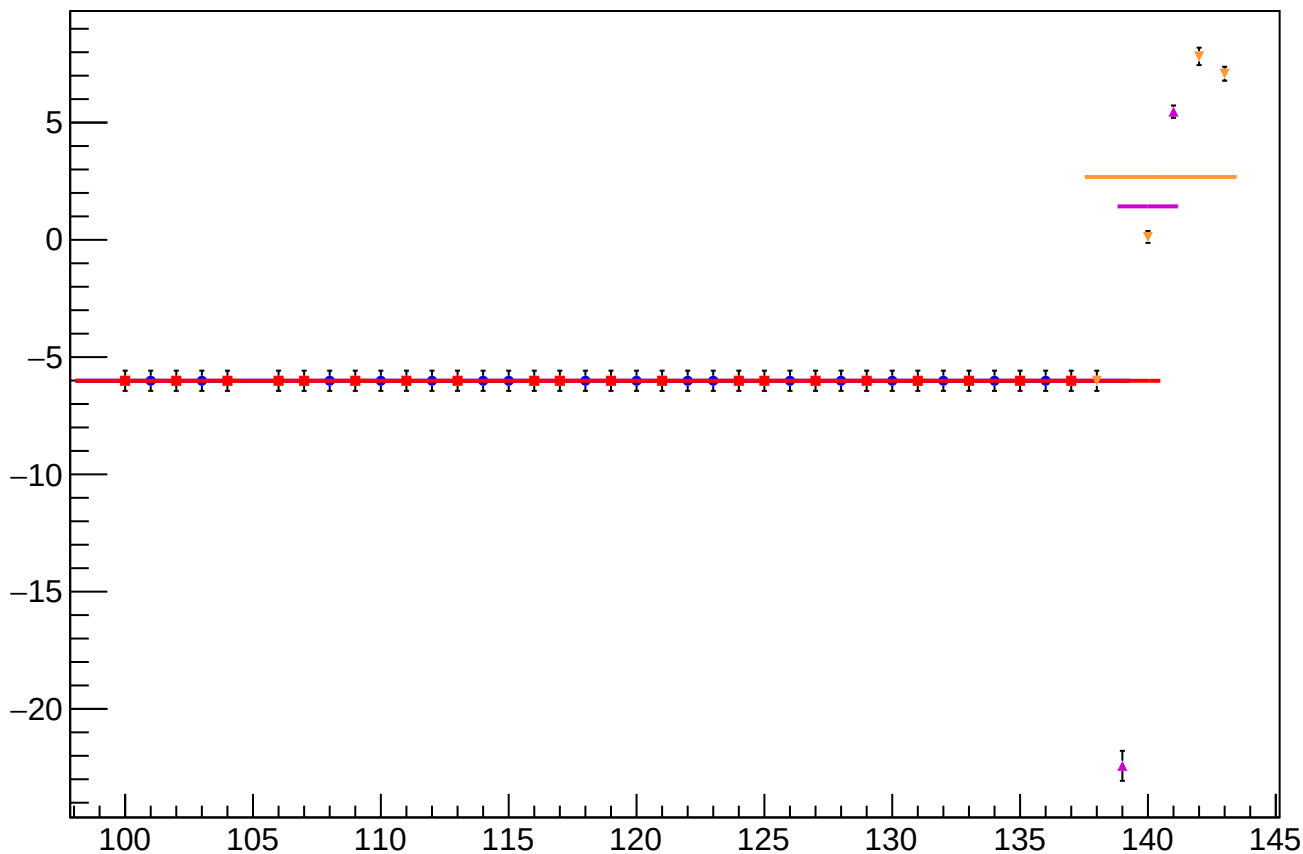
Right Out: 16.590 $\pm$ 0.095 χ^2 /NDF: 0.0/19

Left In: 7.302 $\pm$ 0.252 χ^2 /NDF:30.0/1

15.733 $\pm$ 0.092 χ^2 /NDF: 755.5/20

15.443 $\pm$ 0.089 χ^2 /NDF: 1216.6/21

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -6.009 ± 0.105 χ^2/NDF : 0.0/16

Left Out: 2.682 ± 0.159 χ^2/NDF : 917.4/3

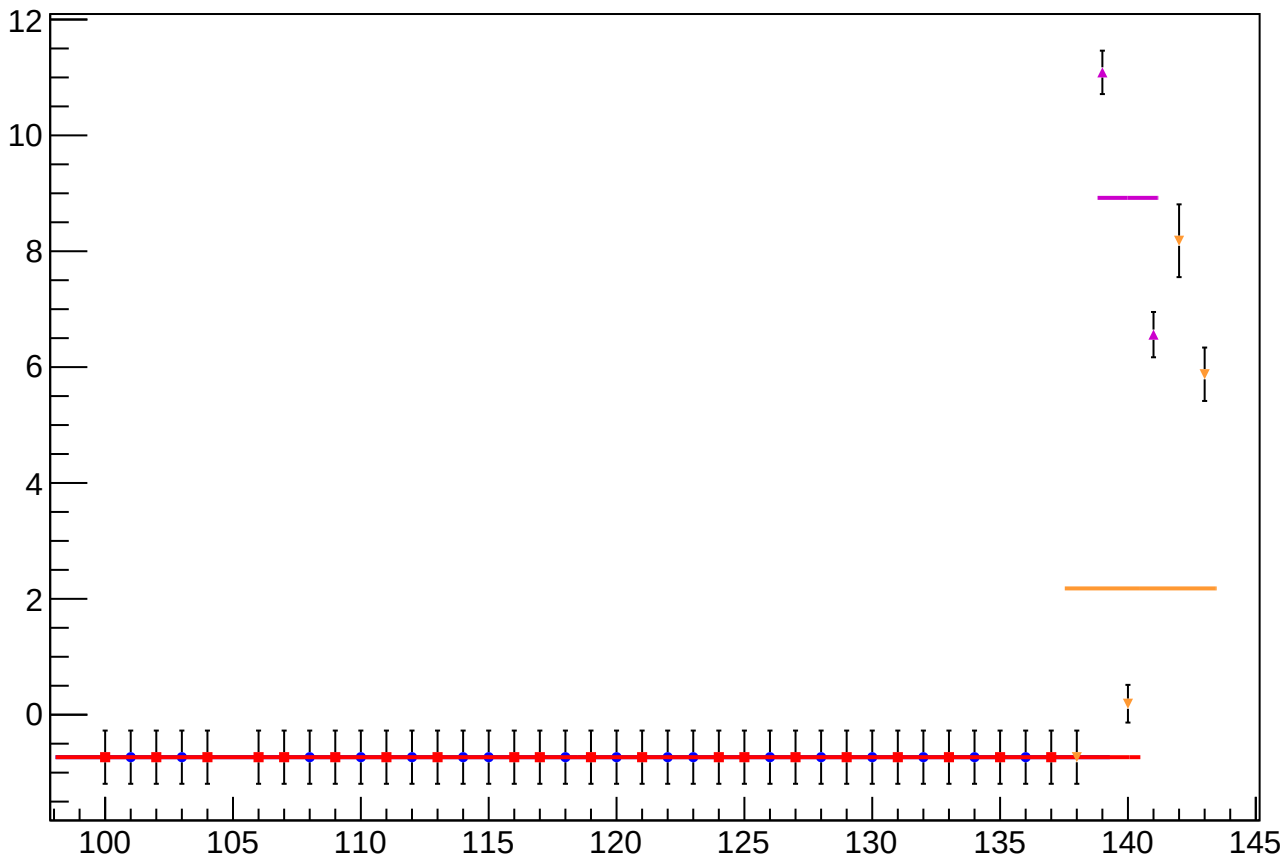
Right Out: -6.009 ± 0.096 χ^2/NDF : 0.0/19

Left In: 1.427 ± 0.243 χ^2/NDF : 1629.6/1

-3.384 ± 0.087 χ^2/NDF : 3000.8/20

-4.997 ± 0.090 χ^2/NDF : 2437.8/21

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -0.733+/-0.111 χ^2/NDF : 0.0/16

Left Out: 2.180+/-0.216 χ^2/NDF :233.3/3

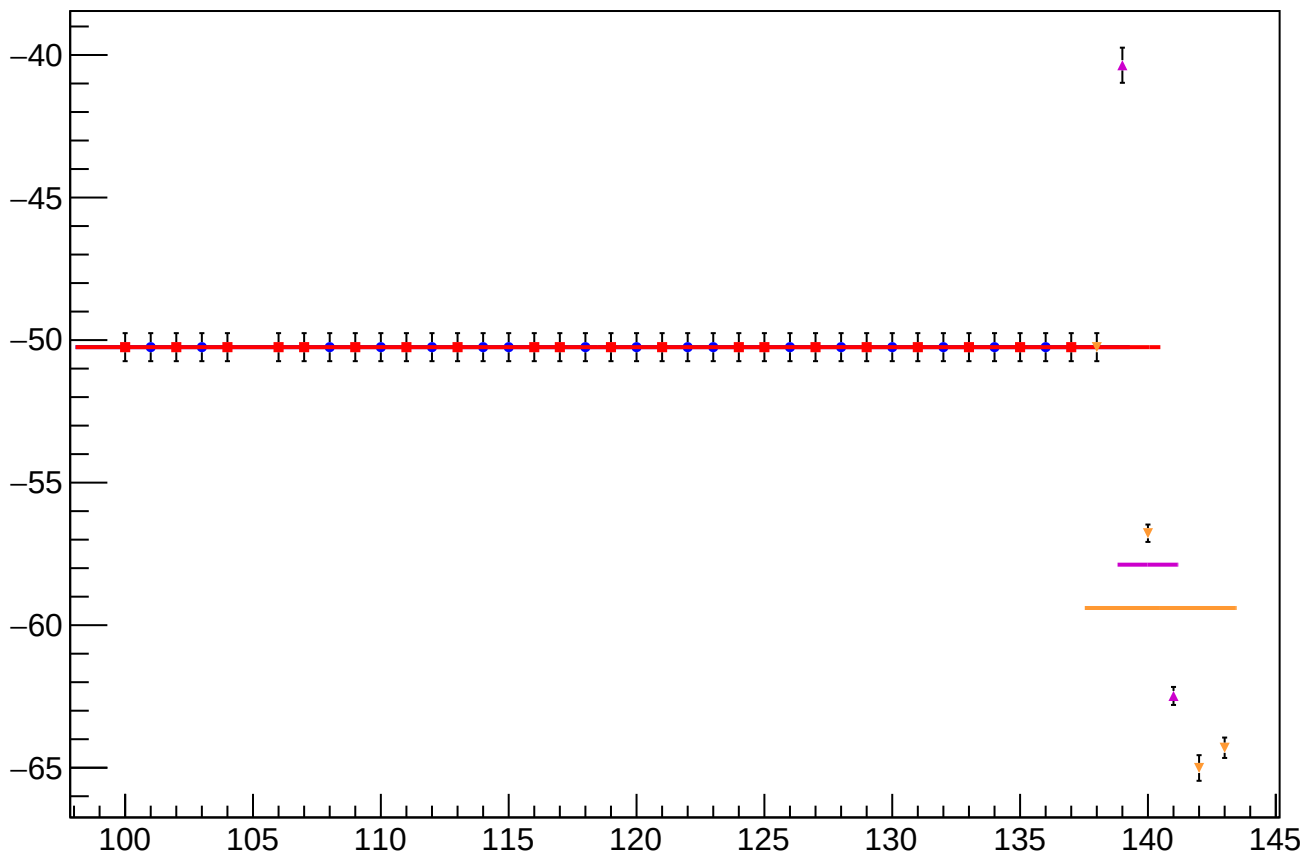
Right Out: -0.733+/-0.103 χ^2/NDF : 0.0/19

Left In: 8.921+/-0.271 χ^2/NDF :69.9/1

-0.121+/-0.099 χ^2/NDF : 376.9/20

0.483+/-0.096 χ^2/NDF : 1183.1/21

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -50.248+/-0.119 χ^2/NDF : 0.0/16

Left Out: -59.397 ± 0.190 $\chi^2/\text{NDF}: 764.0/3$

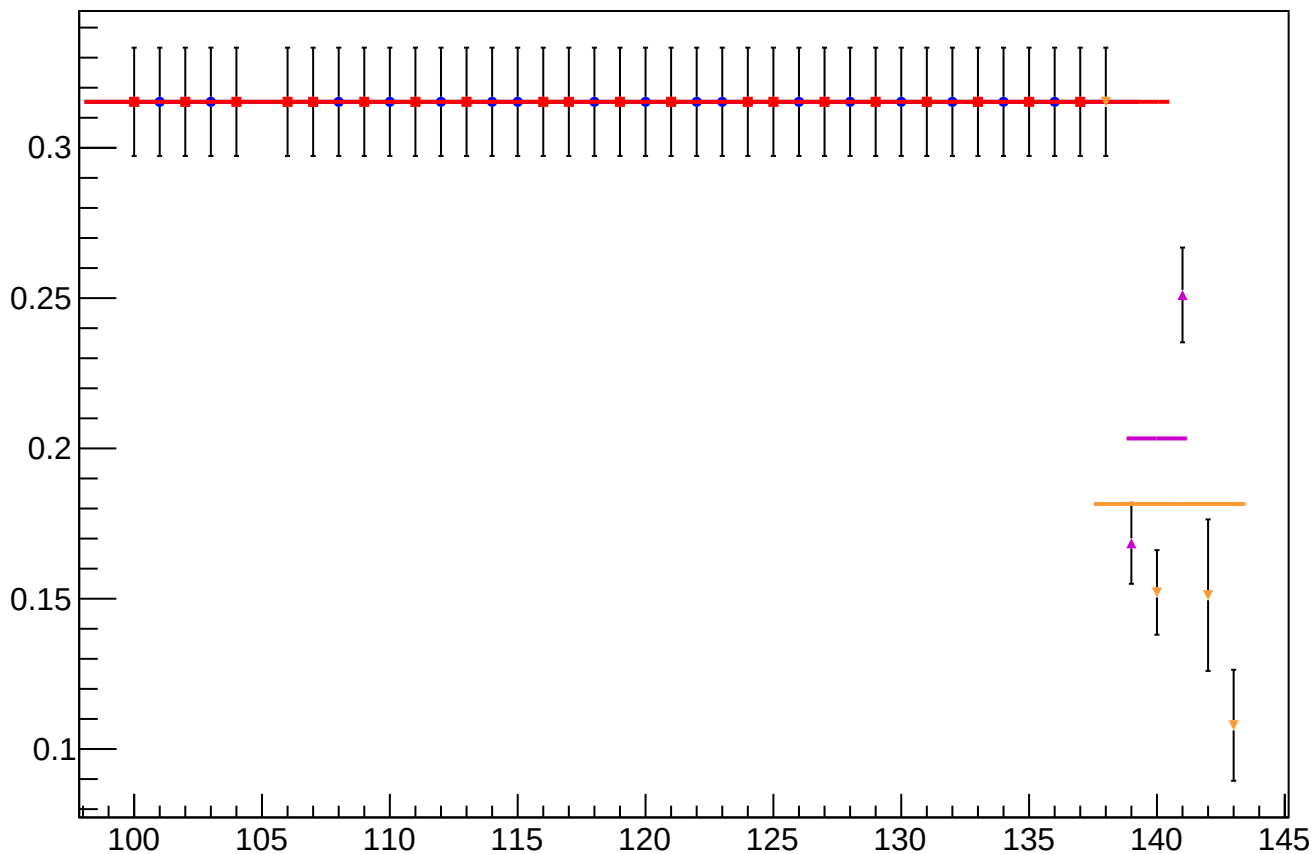
Right Out: -50.248+/-0.110 χ^2/NDF : 0.0/19

Left In: -57.878+/-0.281 χ^2 /NDF:1020.4/1

-52.831+/-0.101 χ^2/NDF : 2426.0/20

-51.260+/-0.102 χ^2/NDF : 1659.1/21

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/16

Left Out: 0.182 $\pm$ 0.009 χ^2 /NDF: 76.8/3

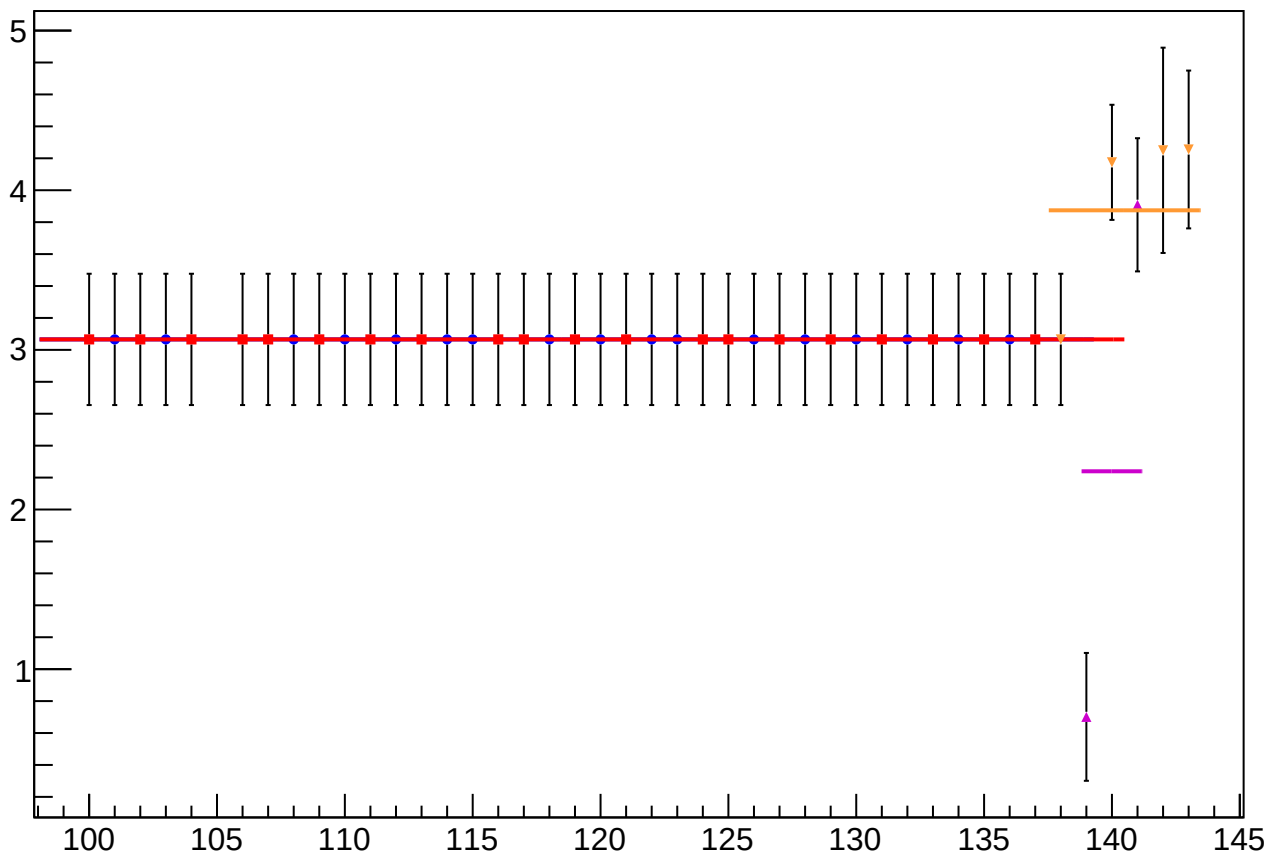
Right Out: 0.315 $\pm$ 0.004 χ^2 /NDF: 0.0/19

Left In: 0.203 $\pm$ 0.010 χ^2 /NDF: 15.9/1

0.289 $\pm$ 0.004 χ^2 /NDF: 259.0/20

0.300 $\pm$ 0.004 χ^2 /NDF: 119.5/21

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 3.066 $\pm$ 0.100 χ^2 /NDF: 0.0/16

Left Out: 3.874 $\pm$ 0.223 χ^2 /NDF:5.5/3

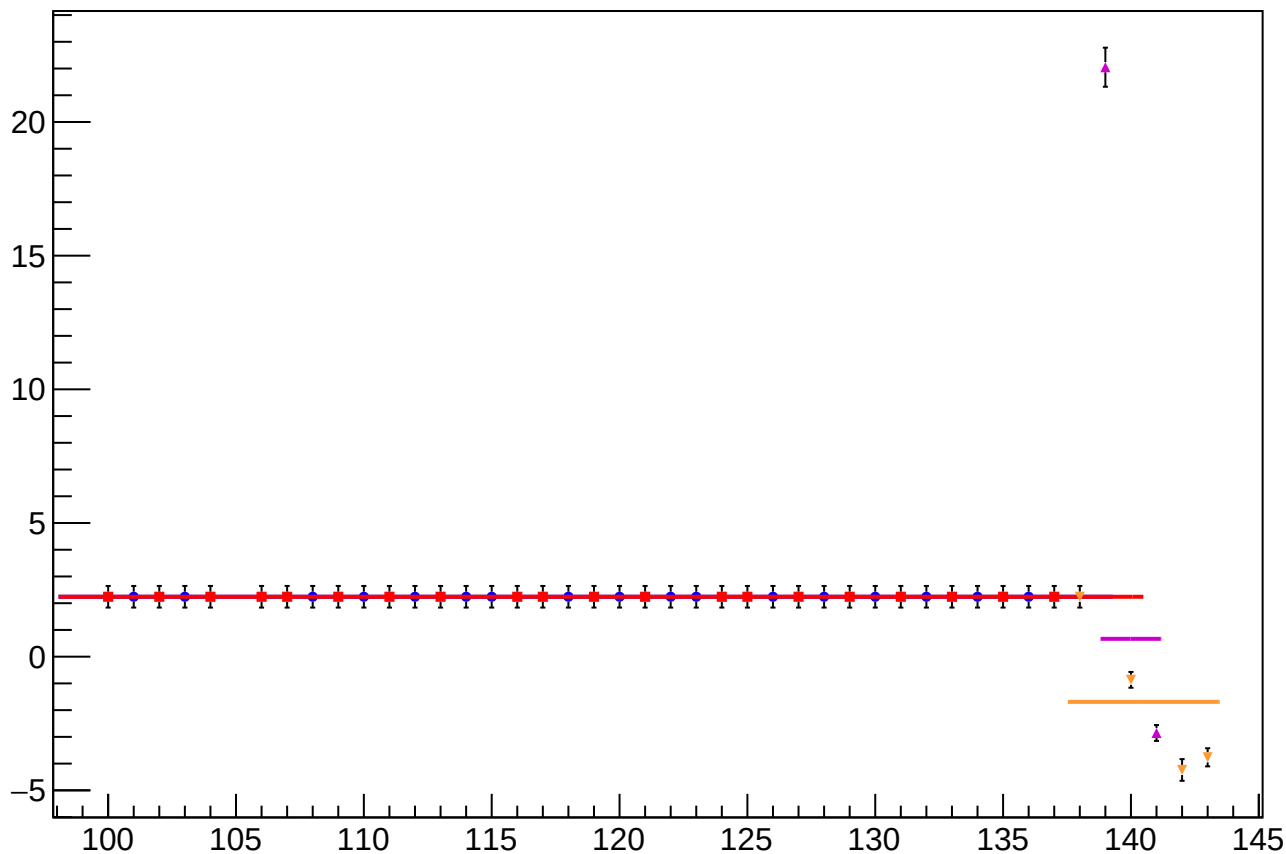
Right Out: 3.066 $\pm$ 0.092 χ^2 /NDF: 0.0/19

Left In: 2.239 $\pm$ 0.289 χ^2 /NDF:30.8/1

3.200 $\pm$ 0.091 χ^2 /NDF: 16.5/20

2.990 $\pm$ 0.088 χ^2 /NDF: 38.2/21

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 2.241 $\pm$ 0.098 χ^2 /NDF: 0.0/16

Left Out: -1.690 $\pm$ 0.176 χ^2 /NDF: 179.2/3

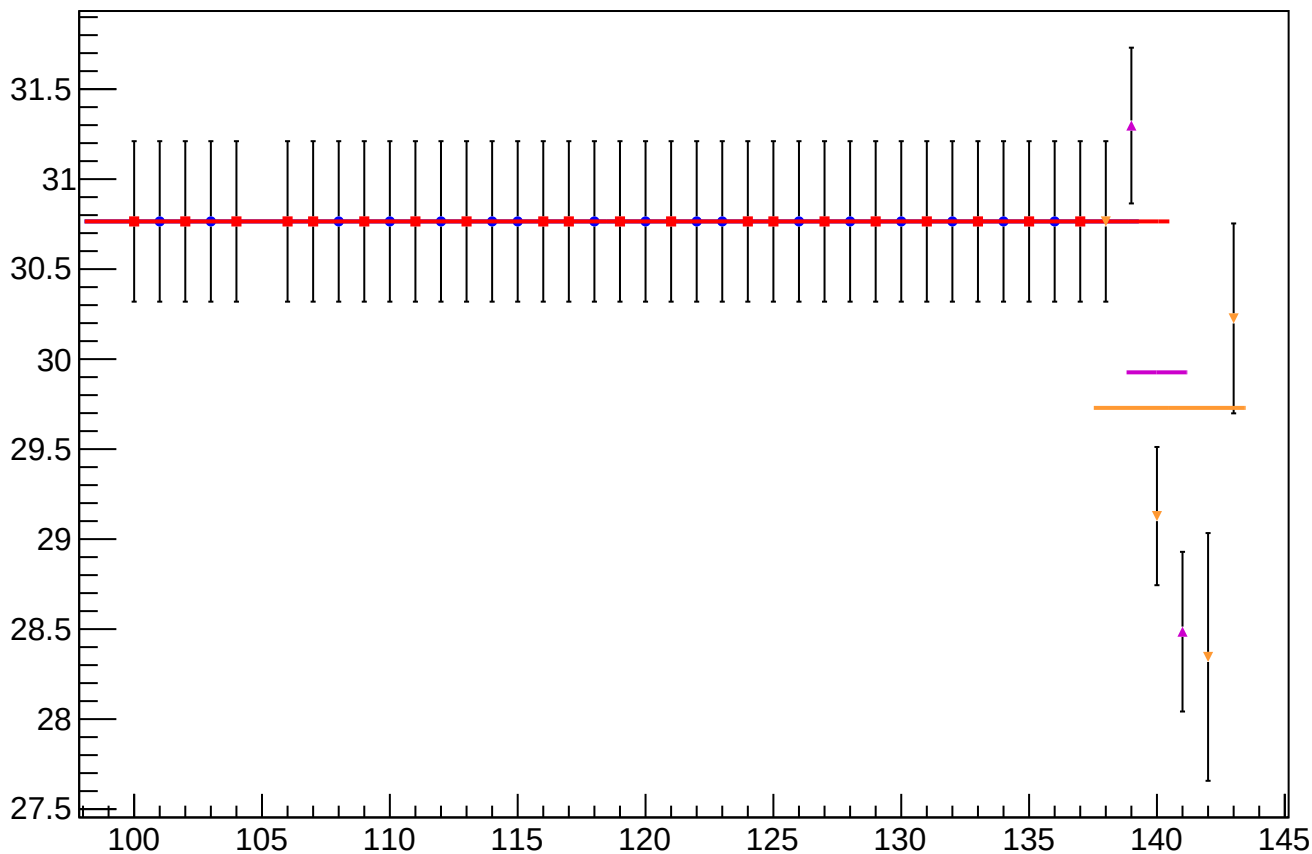
Right Out: 2.241 $\pm$ 0.090 χ^2 /NDF: 0.0/19

Left In: 0.667 $\pm$ 0.275 χ^2 /NDF: 996.4/1

1.308 $\pm$ 0.086 χ^2 /NDF: 560.9/20

2.087 $\pm$ 0.086 χ^2 /NDF: 1026.0/21

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 30.765 $\pm$ 0.108 χ^2 /NDF: 0.0/16

Left Out: 29.729 $\pm$ 0.239 χ^2 /NDF:12.8/3

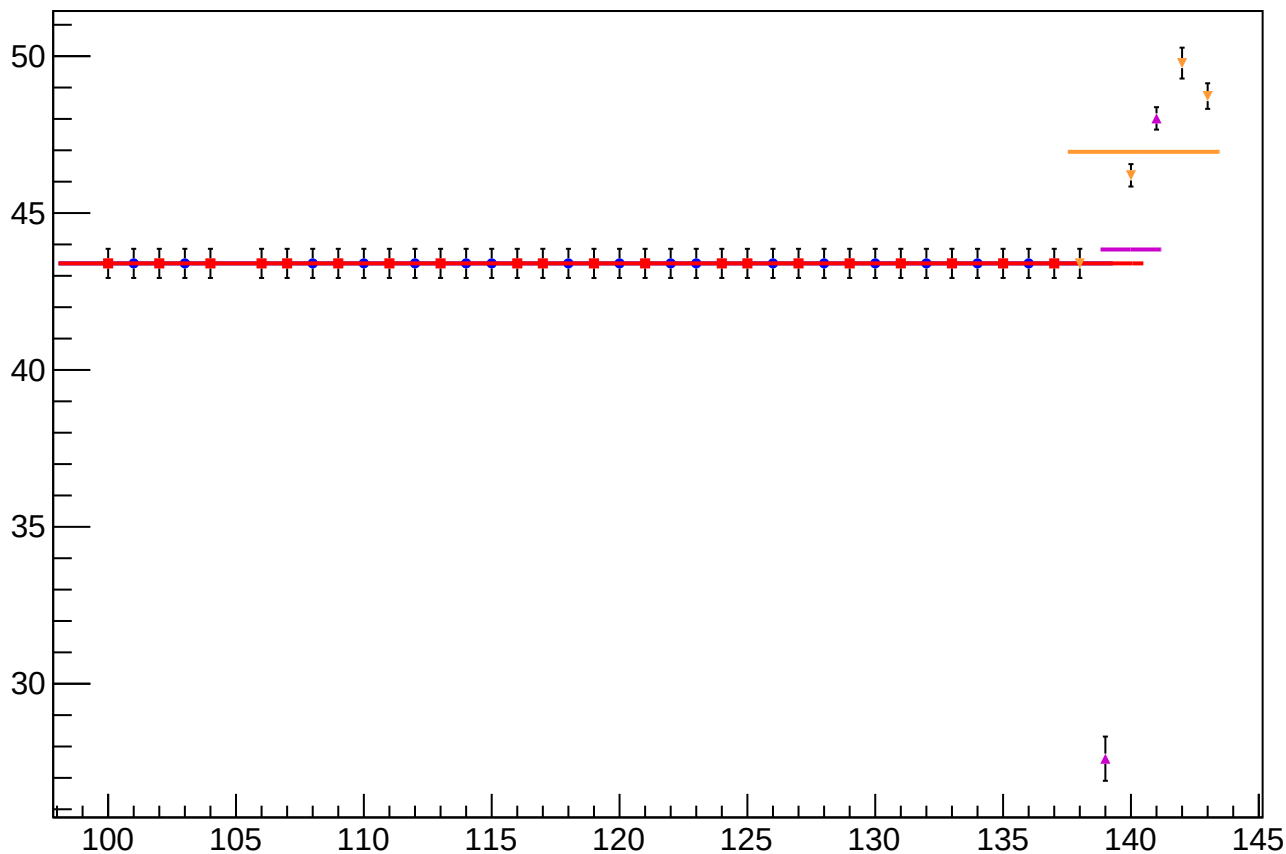
Right Out: 30.765 $\pm$ 0.100 χ^2 /NDF: 0.0/19

Left In: 29.927 $\pm$ 0.310 χ^2 /NDF:20.6/1

30.589 $\pm$ 0.099 χ^2 /NDF: 28.4/20

30.686 $\pm$ 0.095 χ^2 /NDF: 27.2/21

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 43.396 $\pm$ 0.113 χ^2 /NDF: 0.0/16

Left Out: 46.952 $\pm$ 0.210 χ^2 /NDF:114.9/3

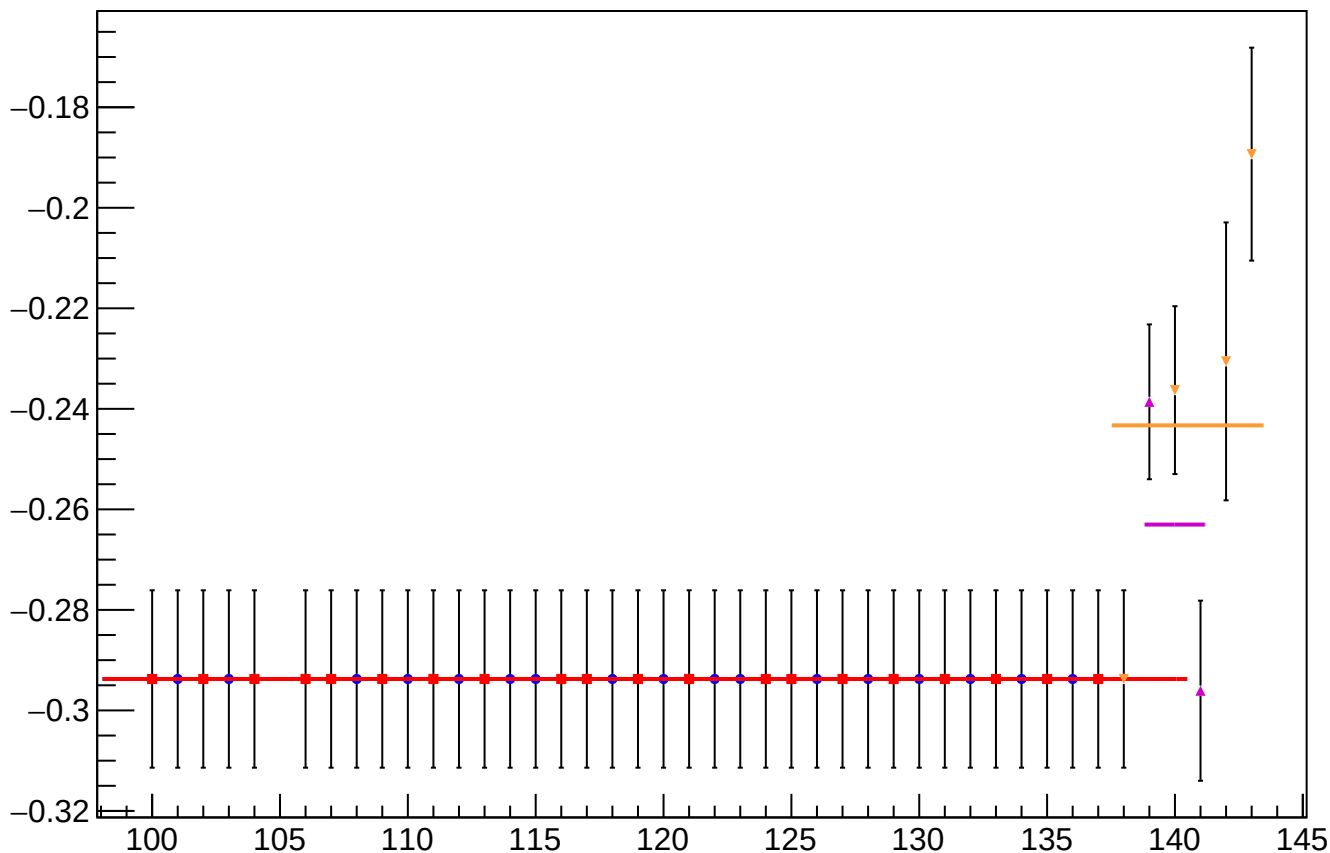
Right Out: 43.396 $\pm$ 0.104 χ^2 /NDF: 0.0/19

Left In: 43.839 $\pm$ 0.319 χ^2 /NDF:667.0/1

44.190 $\pm$ 0.099 χ^2 /NDF: 337.1/20

43.439 $\pm$ 0.099 χ^2 /NDF: 668.7/21

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.294 ± 0.004 χ^2/NDF : 0.0/16

Left Out: -0.243 ± 0.010 χ^2/NDF : 15.1/3

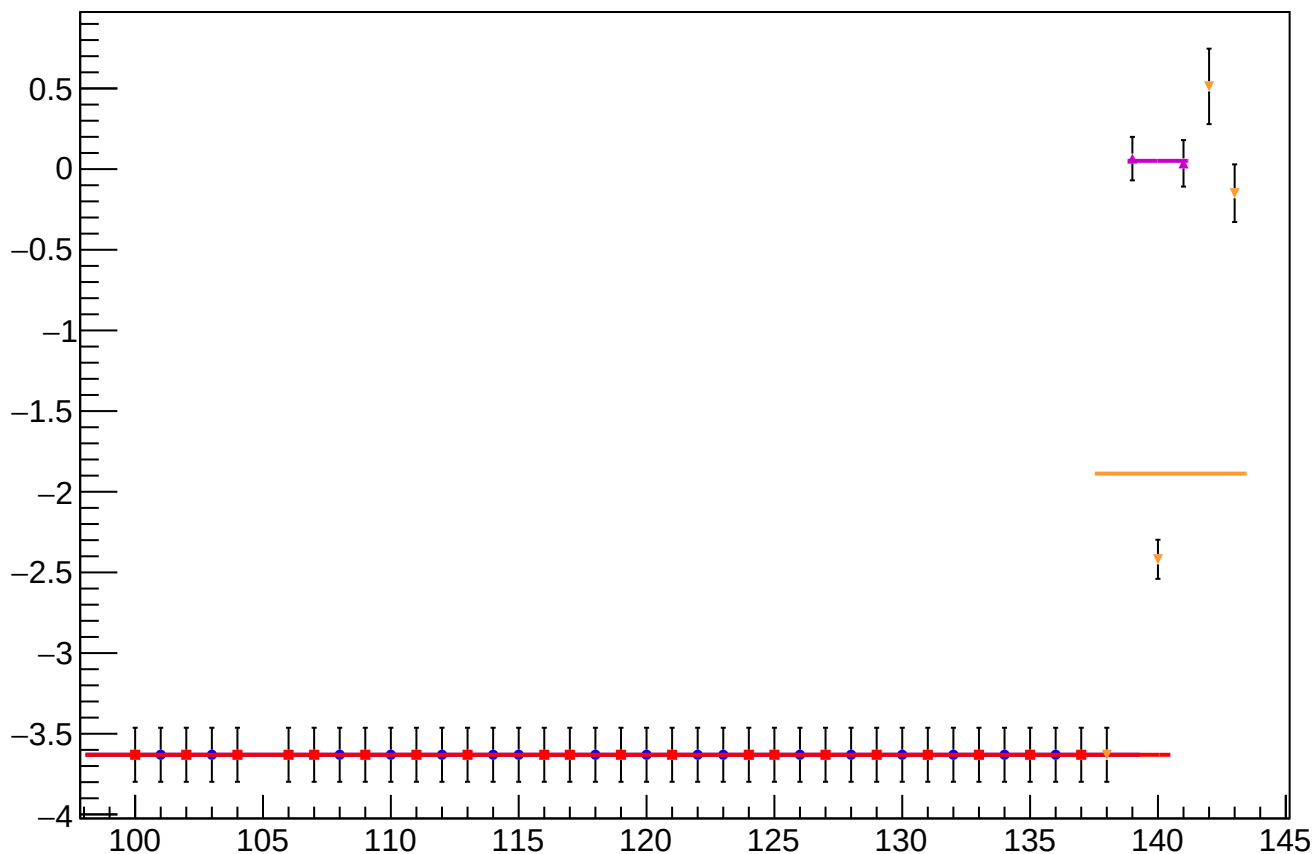
Right Out: -0.294 ± 0.004 χ^2/NDF : 0.0/19

Left In: -0.263 ± 0.012 χ^2/NDF : 5.9/1

-0.286 ± 0.004 χ^2/NDF : 37.2/20

-0.291 ± 0.004 χ^2/NDF : 12.1/21

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: -3.630 $\pm$ 0.041 χ^2 /NDF: 0.0/16

Left Out: -1.887 $\pm$ 0.081 χ^2 /NDF:327.4/3

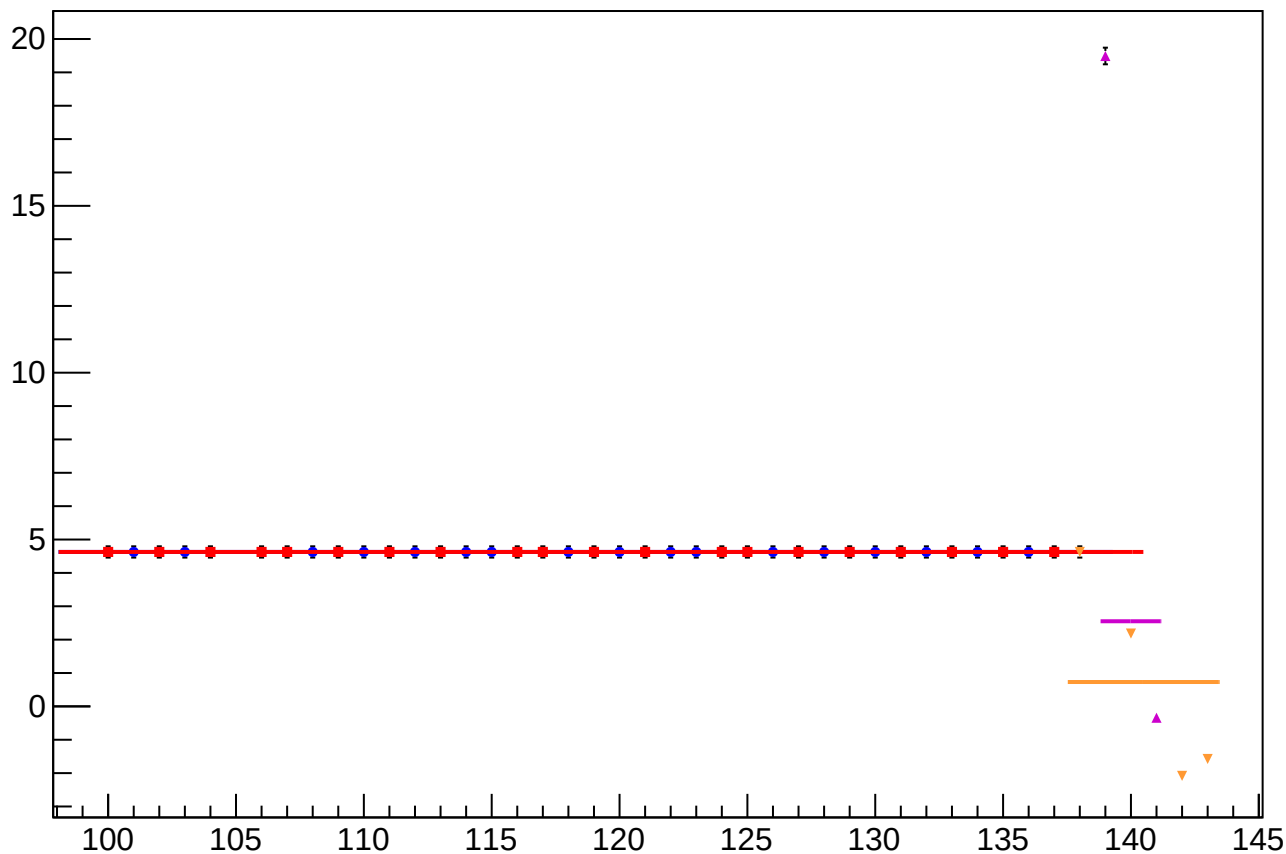
Right Out: -3.630 $\pm$ 0.037 χ^2 /NDF: 0.0/19

Left In: 0.051 $\pm$ 0.098 χ^2 /NDF:0.0/1

-3.278 $\pm$ 0.036 χ^2 /NDF: 699.2/20

-3.165 $\pm$ 0.035 χ^2 /NDF: 1221.6/21

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 4.628+/-0.041 χ^2/NDF : 0.0/16

Left Out: 0.730+/-0.064 χ^2/NDF :1454.3/3

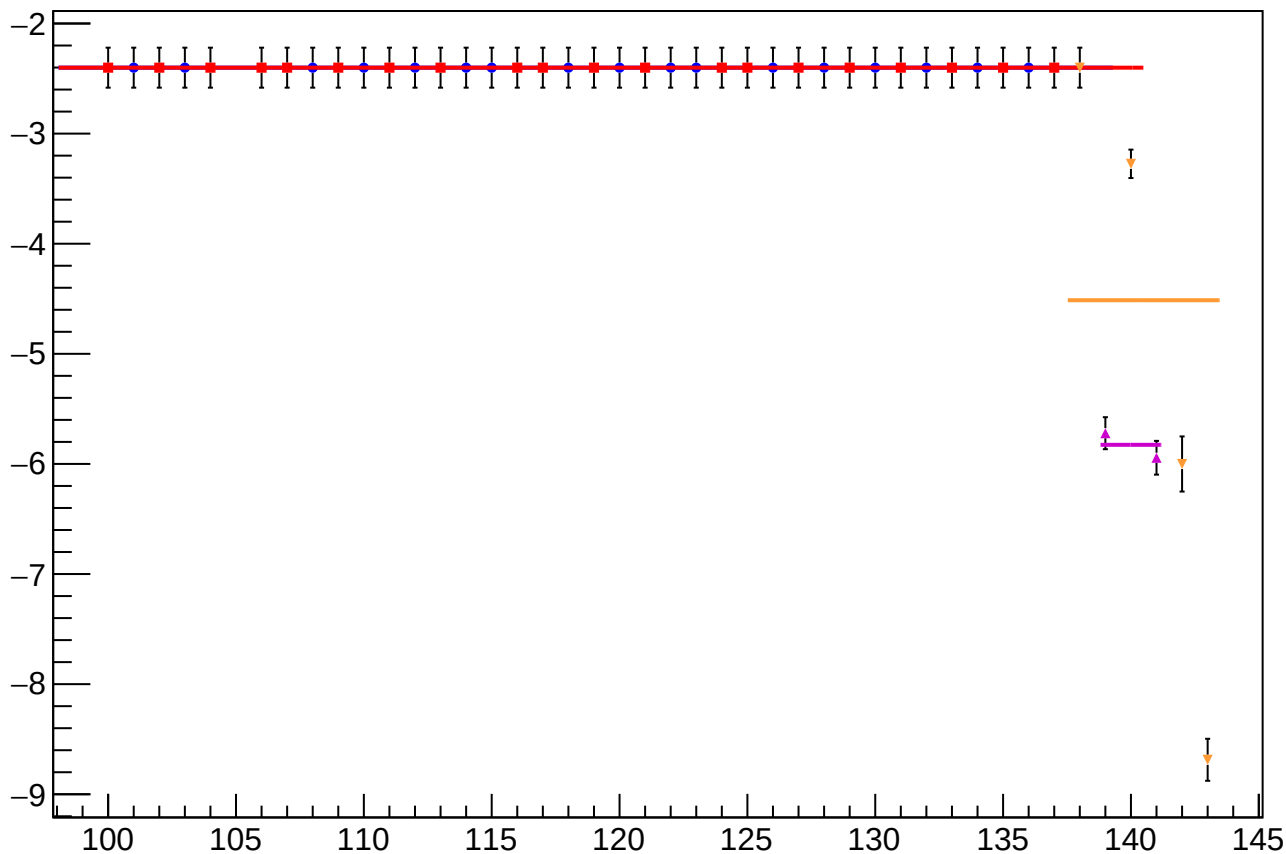
Right Out: 4.628+/-0.038 χ^2/NDF : 0.0/19

Left In: 2.551+/-0.095 χ^2/NDF :5409.9/1

3.486+/-0.034 χ^2/NDF : 4100.1/20

4.345+/-0.035 χ^2/NDF : 5821.5/21

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -2.401 $\pm$ 0.044 χ^2 /NDF: 0.0/16

Left Out: -4.513 $\pm$ 0.086 χ^2 /NDF: 741.4/3

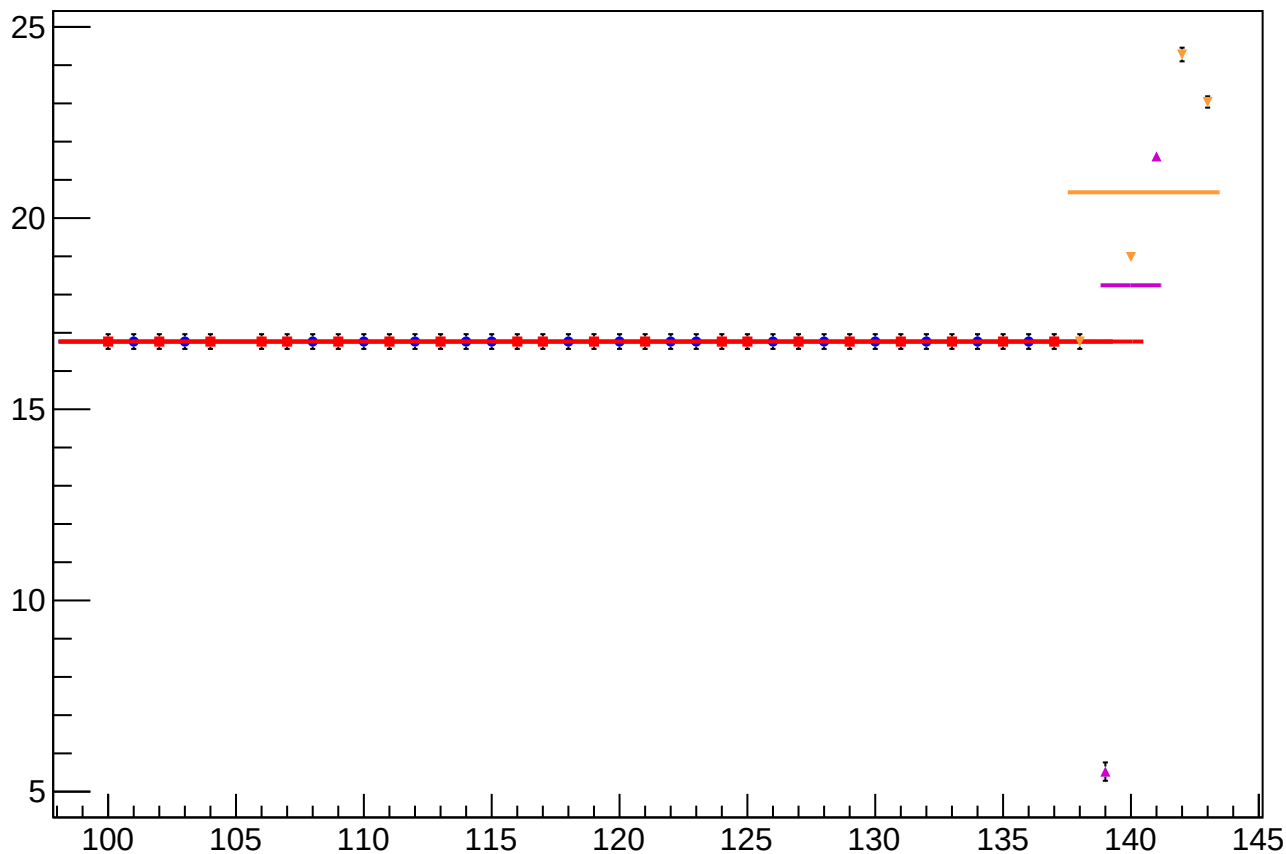
Right Out: -2.401 $\pm$ 0.041 χ^2 /NDF: 0.0/19

Left In: -5.826 $\pm$ 0.105 χ^2 /NDF: 1.1/1

-2.837 $\pm$ 0.039 χ^2 /NDF: 1215.3/20

-2.843 $\pm$ 0.038 χ^2 /NDF: 919.7/21

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 16.771 $\pm$ 0.047 χ^2 /NDF: 0.0/16

Left Out: 20.675 $\pm$ 0.076 χ^2 /NDF:1265.4/3

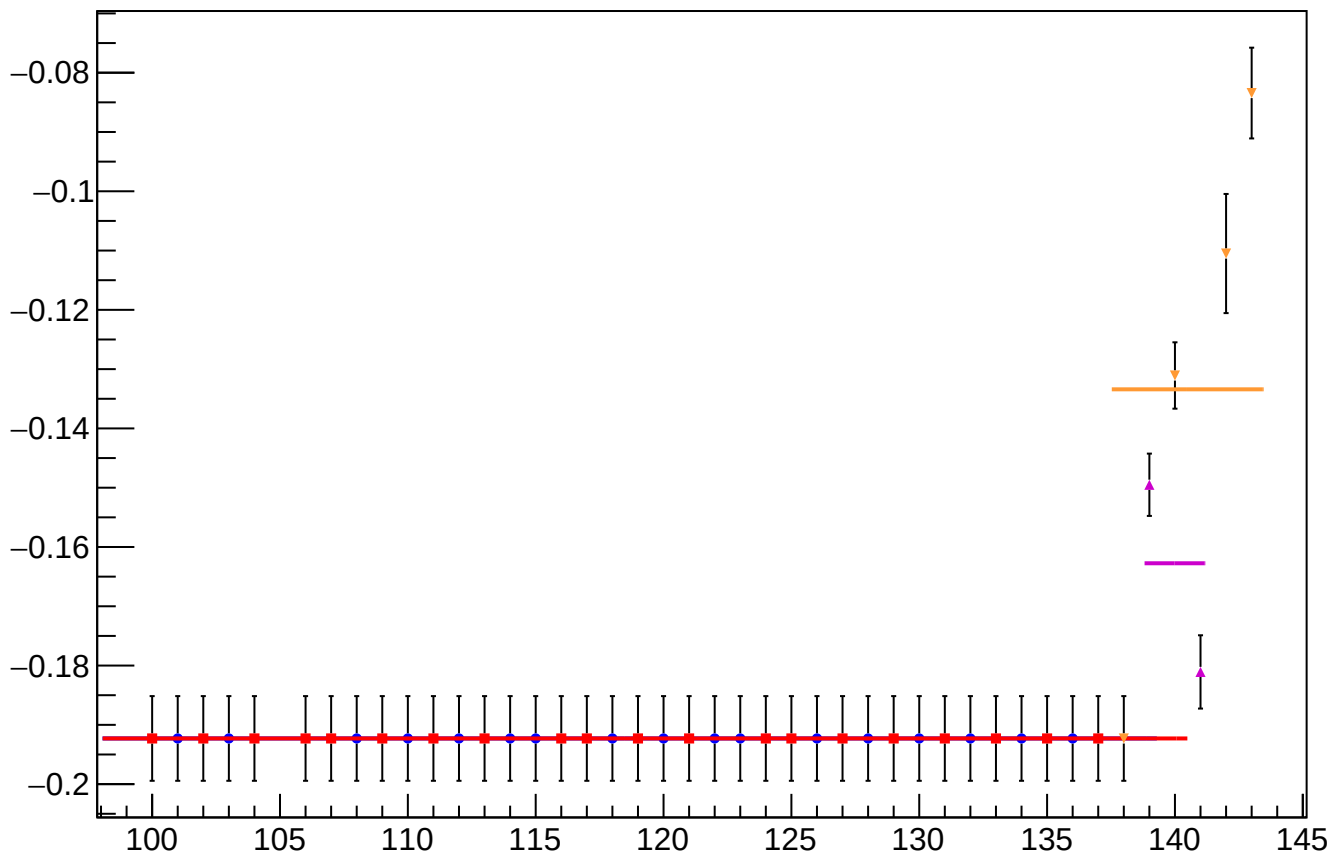
Right Out: 16.771 $\pm$ 0.043 χ^2 /NDF: 0.0/19

Left In: 18.243 $\pm$ 0.110 χ^2 /NDF:3539.3/1

17.842 $\pm$ 0.040 χ^2 /NDF: 3169.8/20

16.968 $\pm$ 0.040 χ^2 /NDF: 3694.3/21

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/16

Left Out: -0.133 $\pm$ 0.004 χ^2 /NDF:116.0/3

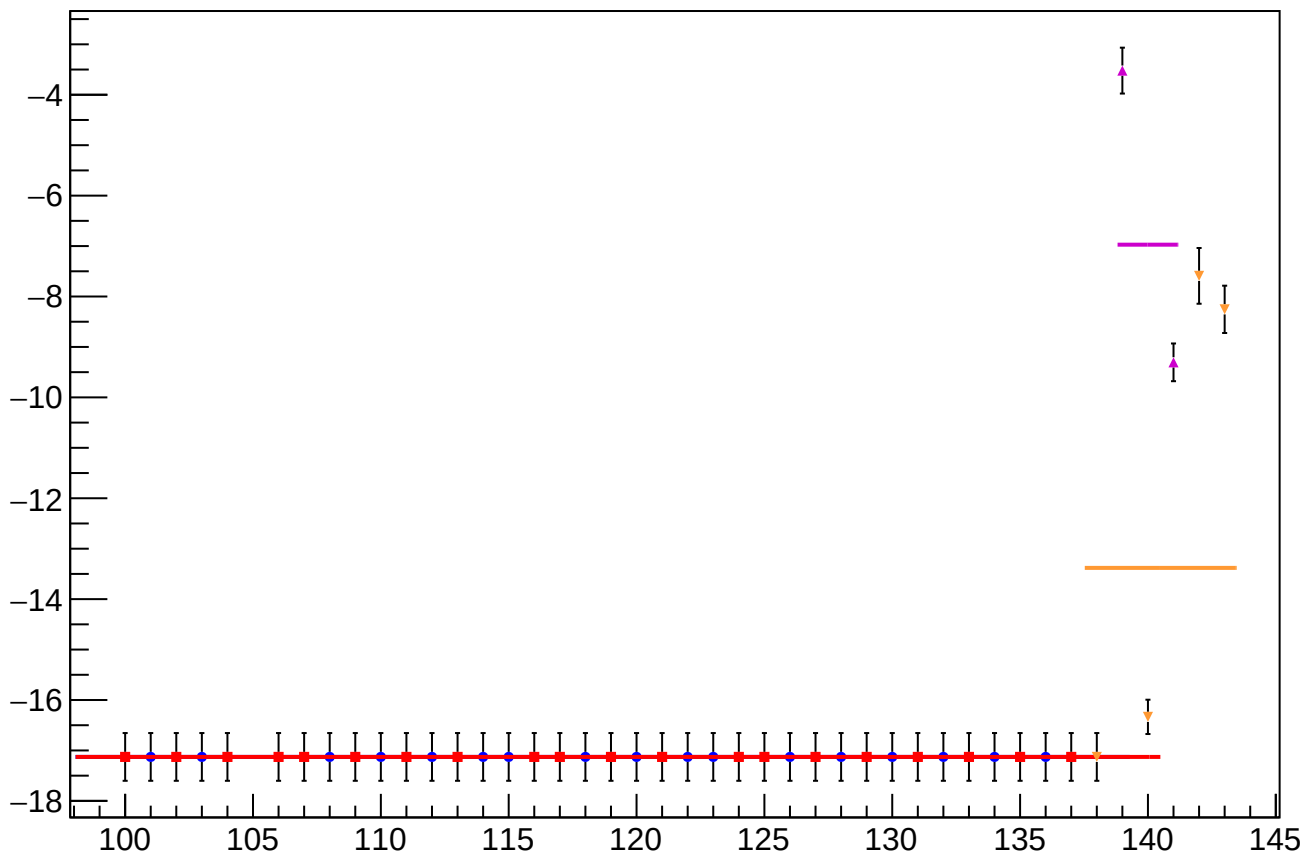
Right Out: -0.192 $\pm$ 0.002 χ^2 /NDF: 0.0/19

Left In: -0.163 $\pm$ 0.004 χ^2 /NDF:15.1/1

-0.181 $\pm$ 0.002 χ^2 /NDF: 336.2/20

-0.188 $\pm$ 0.001 χ^2 /NDF: 62.1/21

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -17.128 $\pm$ 0.115 χ^2 /NDF: 0.0/16

-16.318 $\pm$ 0.102 χ^2 /NDF: 597.7/20

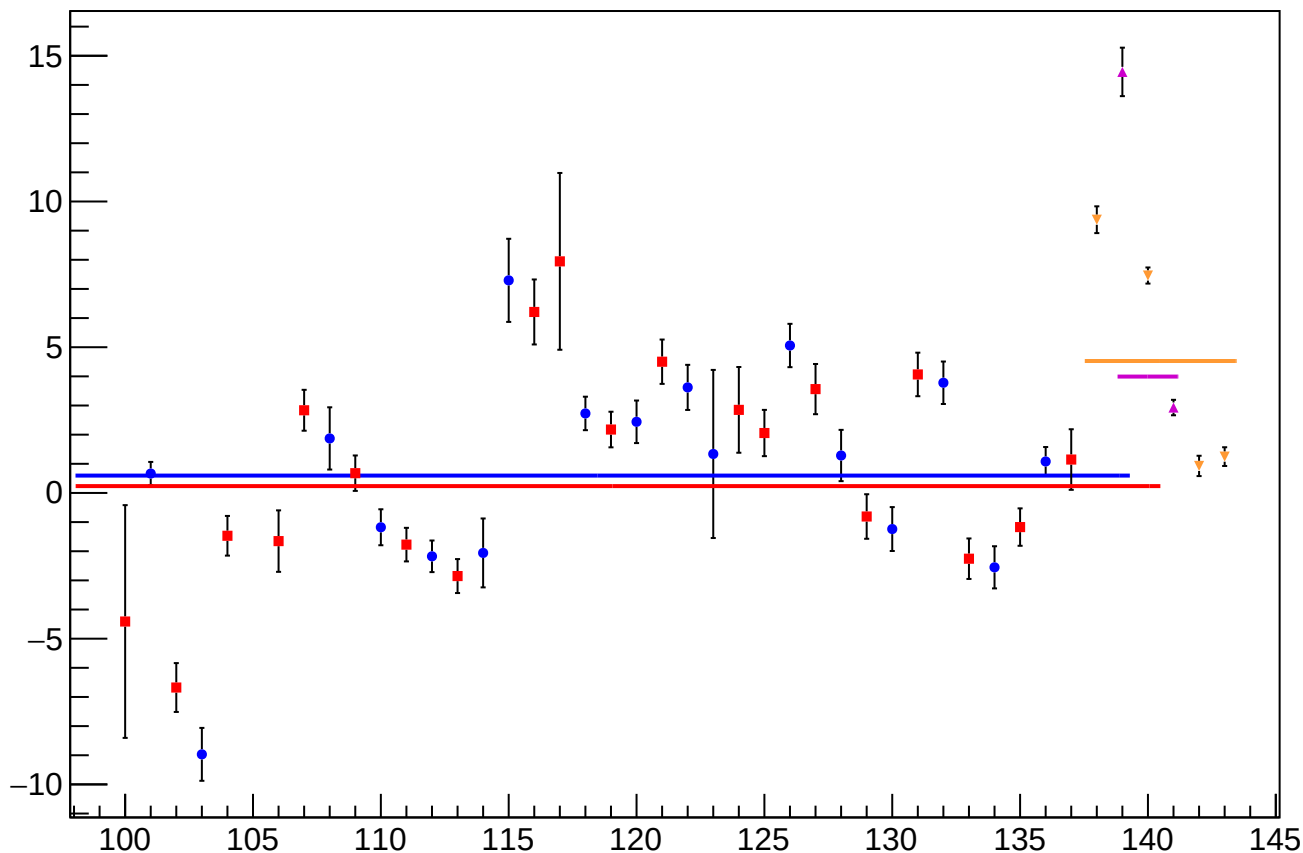
Left Out: -13.381 $\pm$ 0.219 χ^2 /NDF: 367.3/3

Right Out: -17.128 $\pm$ 0.106 χ^2 /NDF: 0.0/19

-15.925 $\pm$ 0.099 χ^2 /NDF: 1186.5/21

Left In: -6.972 $\pm$ 0.289 χ^2 /NDF: 96.5/1

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 4.527 $\pm$ 0.167 χ^2 /NDF:434.9/3

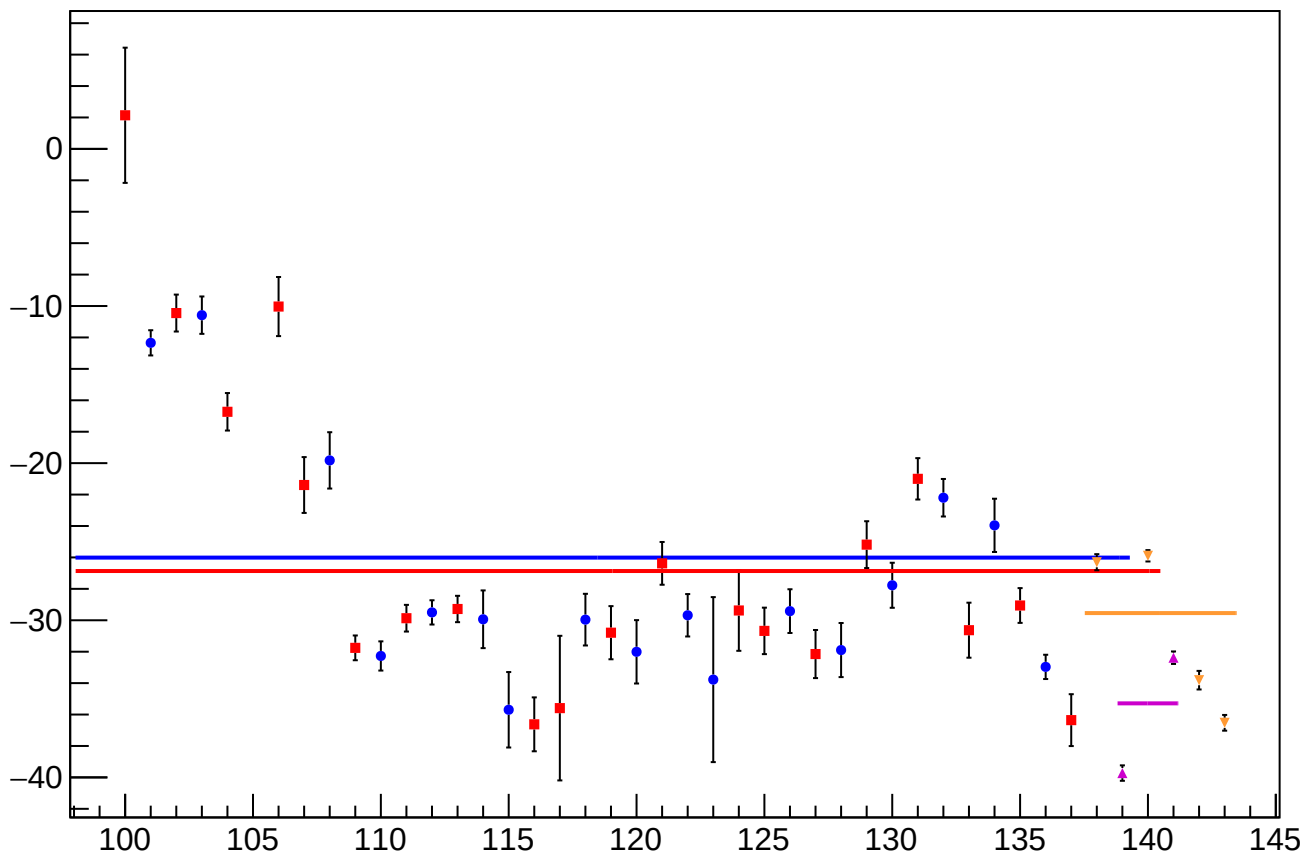
Right Out: 0.235 $\pm$ 0.174 χ^2 /NDF: 280.0/19

Left In: 3.993 $\pm$ 0.253 χ^2 /NDF:174.1/1

2.582 $\pm$ 0.119 χ^2 /NDF: 999.5/20

1.447 $\pm$ 0.144 χ^2 /NDF: 604.0/21

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -29.542 ± 0.234 χ^2/NDF : 388.0/3

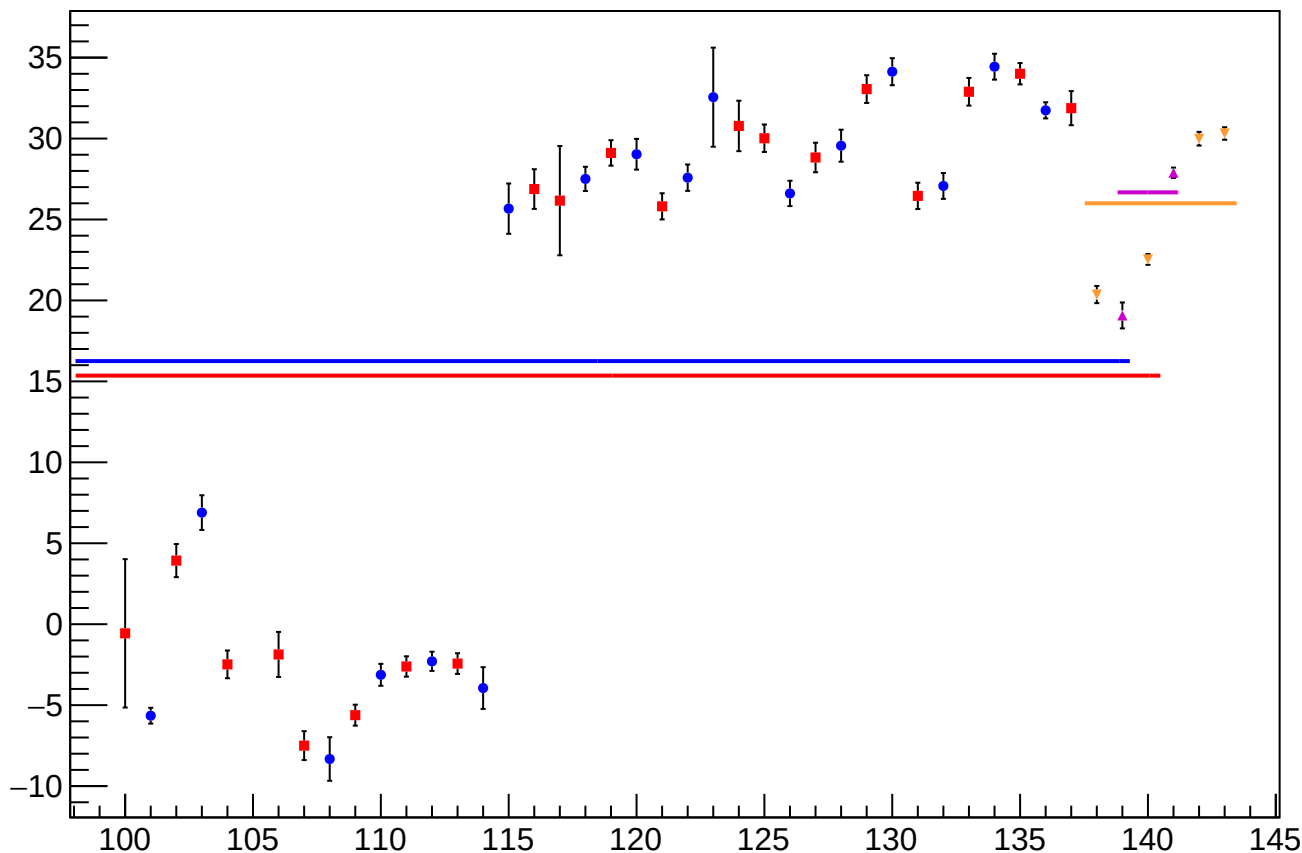
Right Out: -26.866 ± 0.297 χ^2/NDF : 585.2/19

Left In: -35.288 ± 0.309 χ^2/NDF : 135.0/1

-28.205 ± 0.184 χ^2/NDF : 1167.1/20

-30.907 ± 0.214 χ^2/NDF : 1106.4/21

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253+/-0.191 χ^2/NDF : 7611.3/16

Left Out: 26.001+/-0.201 χ^2/NDF : 434.1/3

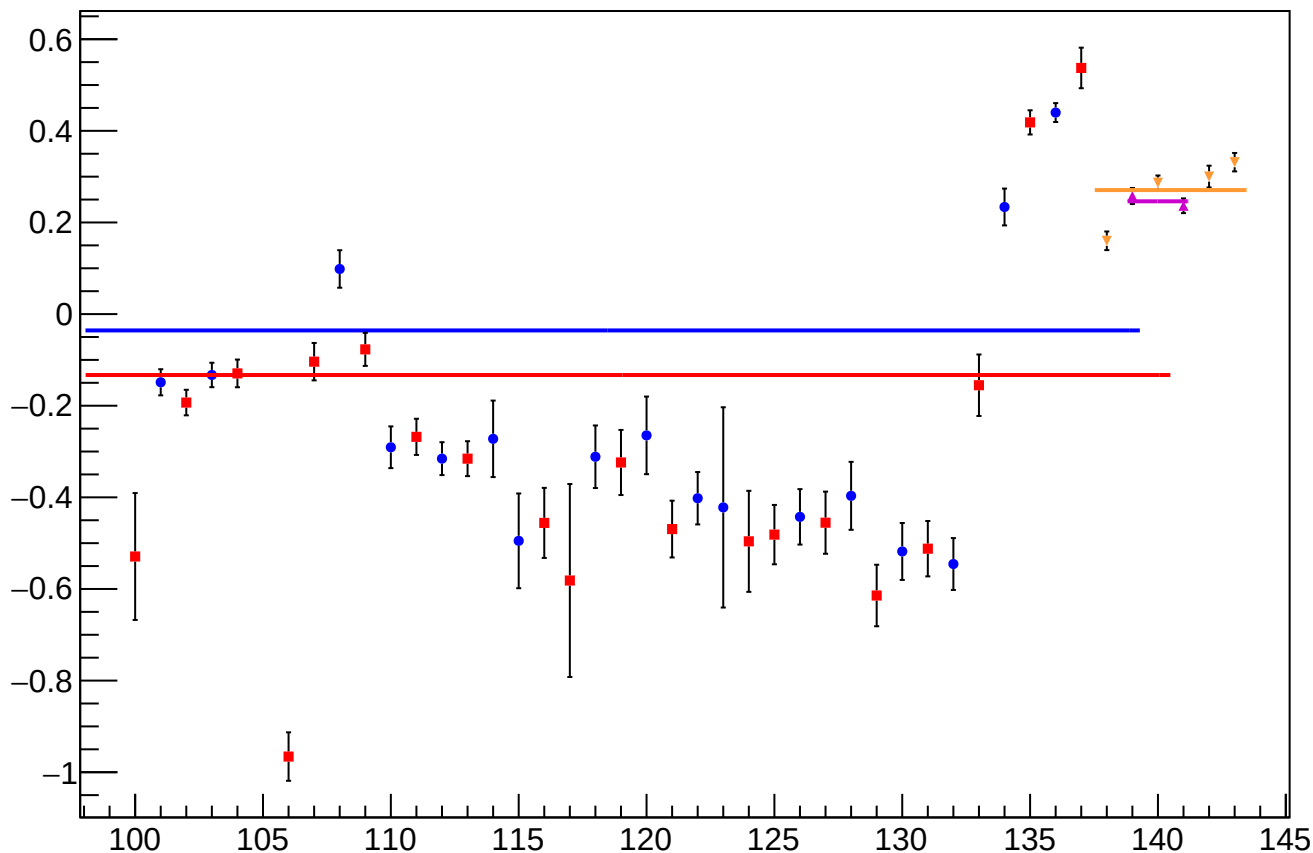
Right Out: 15.355+/-0.197 χ^2/NDF : 7290.4/19

Left In: 26.677+/-0.297 χ^2/NDF : 104.3/1

20.884+/-0.138 χ^2/NDF : 9282.6/20

18.806+/-0.164 χ^2/NDF : 8405.1/21

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 $\chi^2/\text{NDF}: 1014.5/16$

Left Out: 0.271 ± 0.010 $\chi^2/\text{NDF}: 41.4/3$

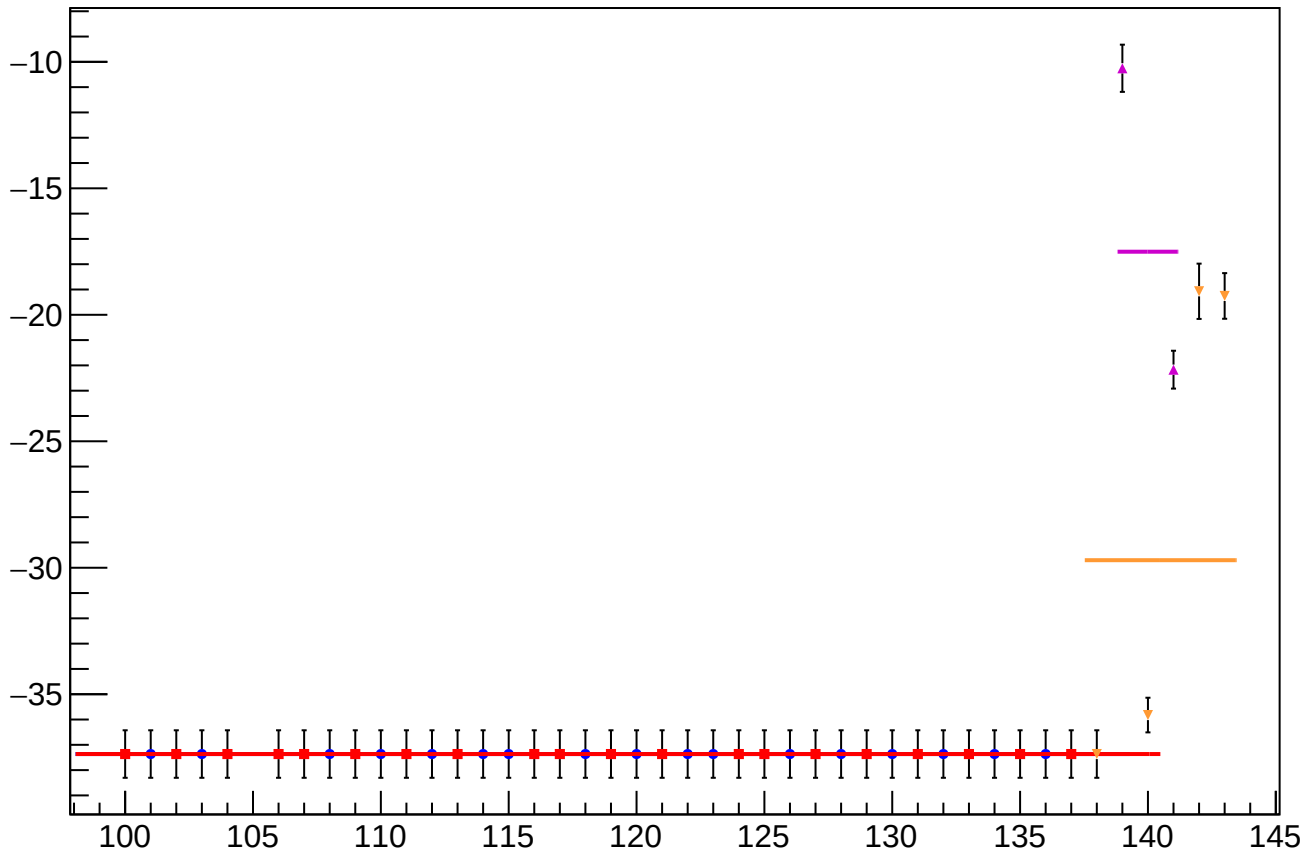
Right Out: -0.133 ± 0.010 $\chi^2/\text{NDF}: 1175.8/19$

Left In: 0.246 ± 0.012 $\chi^2/\text{NDF}: 0.8/1$

0.127 ± 0.007 $\chi^2/\text{NDF}: 1525.6/20$

0.031 ± 0.008 $\chi^2/\text{NDF}: 1758.2/21$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -37.364 $\pm$ 0.228 χ^2 /NDF: 0.0/16

Left Out: -29.701 $\pm$ 0.433 χ^2 /NDF: 375.2/3

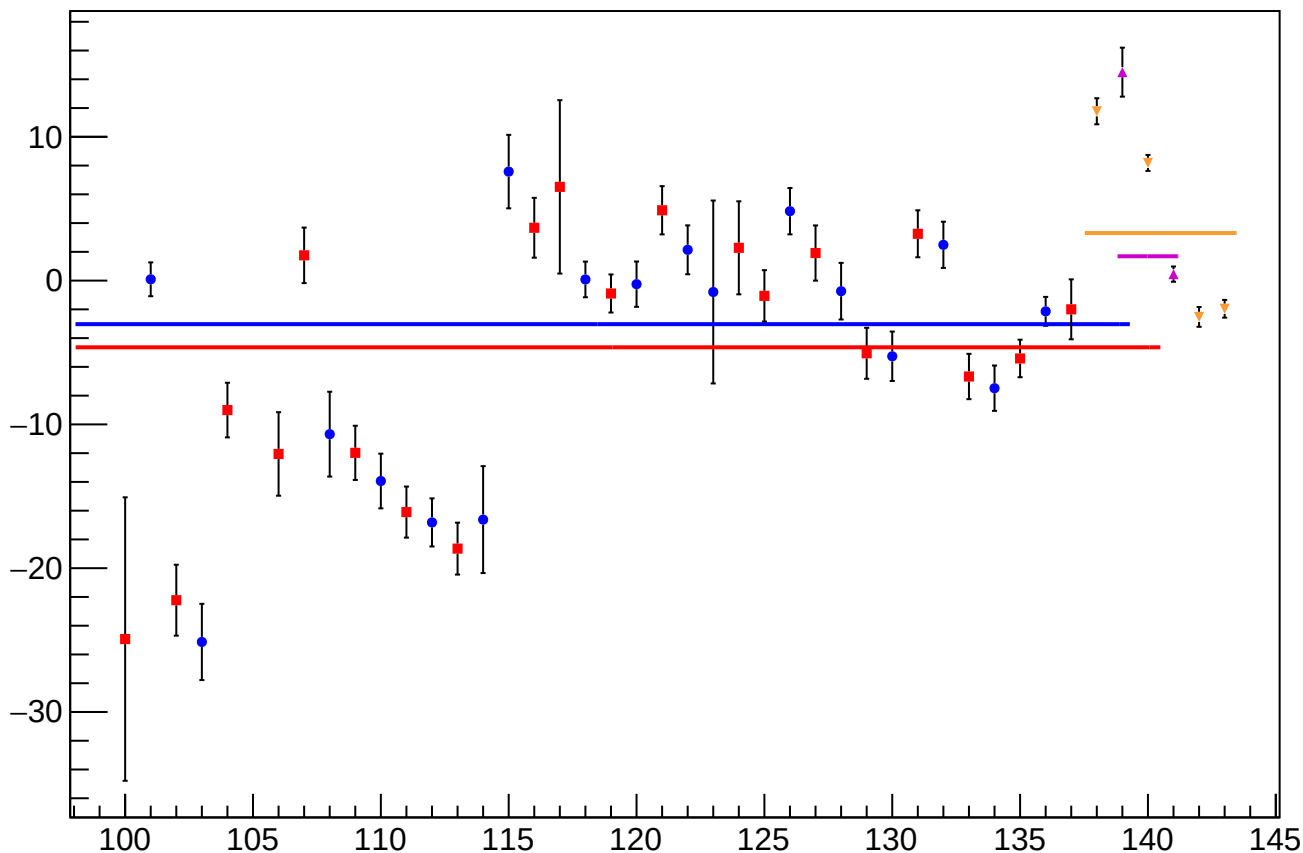
Right Out: -37.364 $\pm$ 0.210 χ^2 /NDF: 0.0/19

Left In: -17.506 $\pm$ 0.584 χ^2 /NDF: 99.2/1

-35.704 $\pm$ 0.202 χ^2 /NDF: 620.4/20

-35.089 $\pm$ 0.198 χ^2 /NDF: 1123.9/21

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: 3.308 ± 0.330 χ^2/NDF : 308.9/3

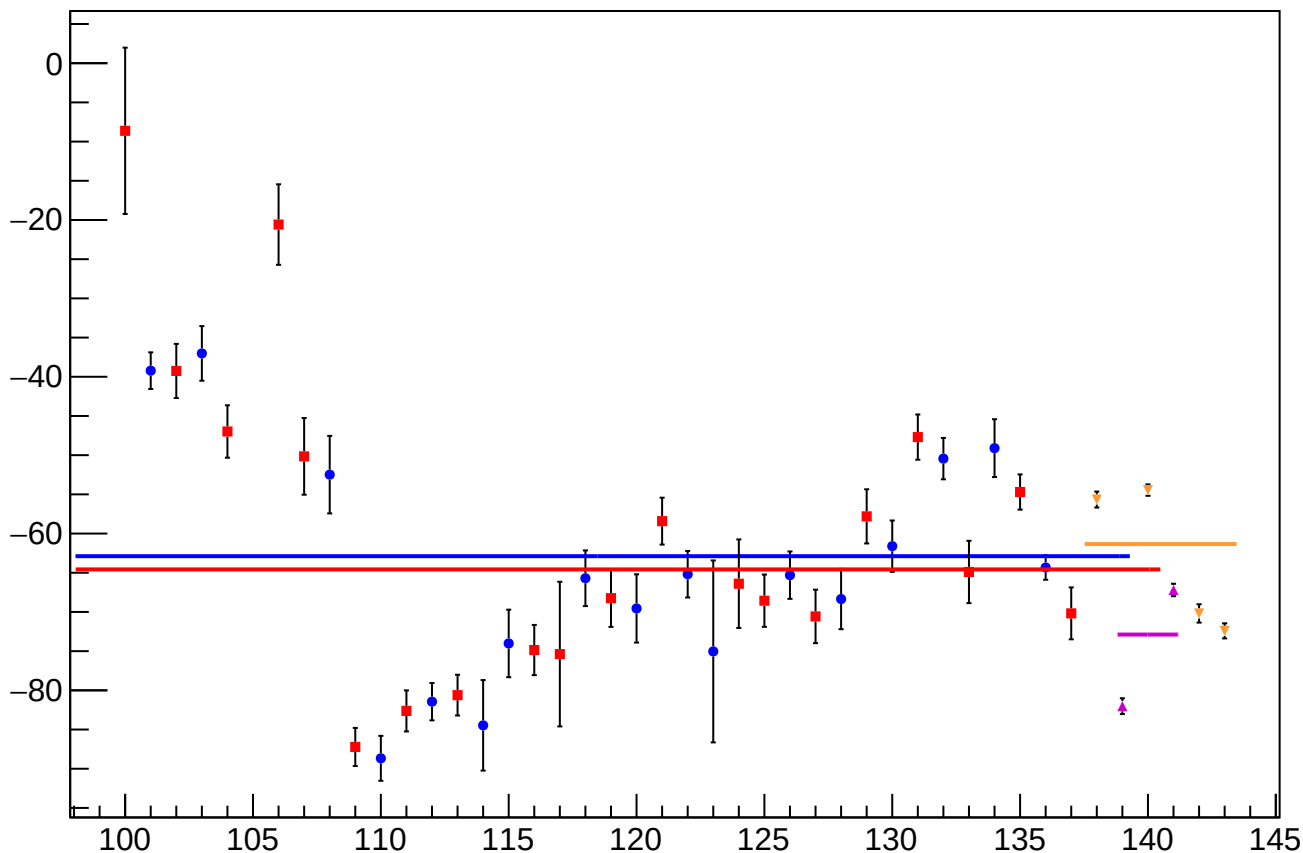
Right Out: -4.638 ± 0.426 χ^2/NDF : 301.7/19

Left In: 1.691 ± 0.506 χ^2/NDF : 62.0/1

0.800 ± 0.256 χ^2/NDF : 735.9/20

-2.017 ± 0.326 χ^2/NDF : 455.4/21

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -61.338 ± 0.463 χ^2/NDF : 309.9/3

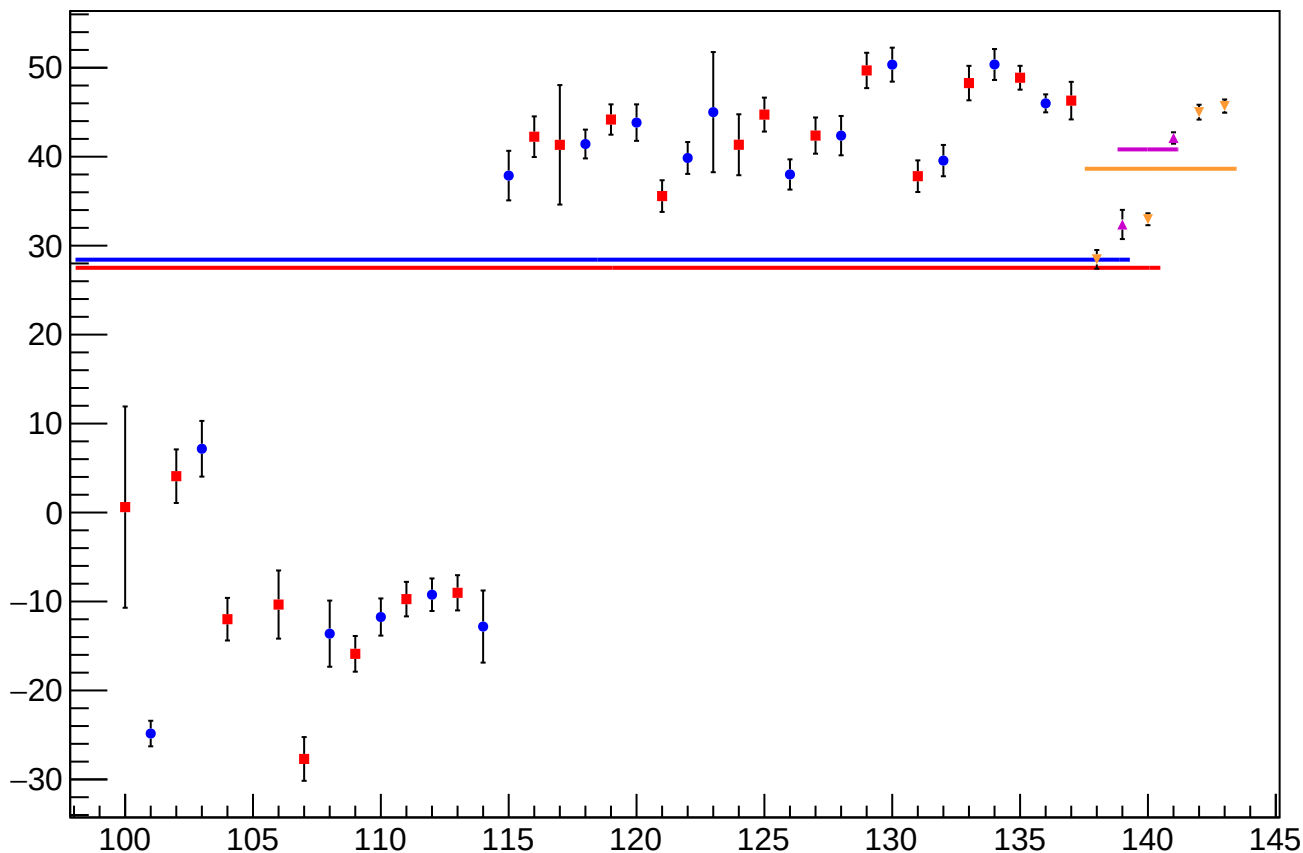
Right Out: -64.574 ± 0.749 χ^2/NDF : 445.5/19

Left In: -72.885 ± 0.625 χ^2/NDF : 133.1/1

-61.776 ± 0.392 χ^2/NDF : 681.8/20

-69.474 ± 0.480 χ^2/NDF : 651.3/21

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 38.644 $\pm$ 0.396 χ^2 /NDF:313.5/3

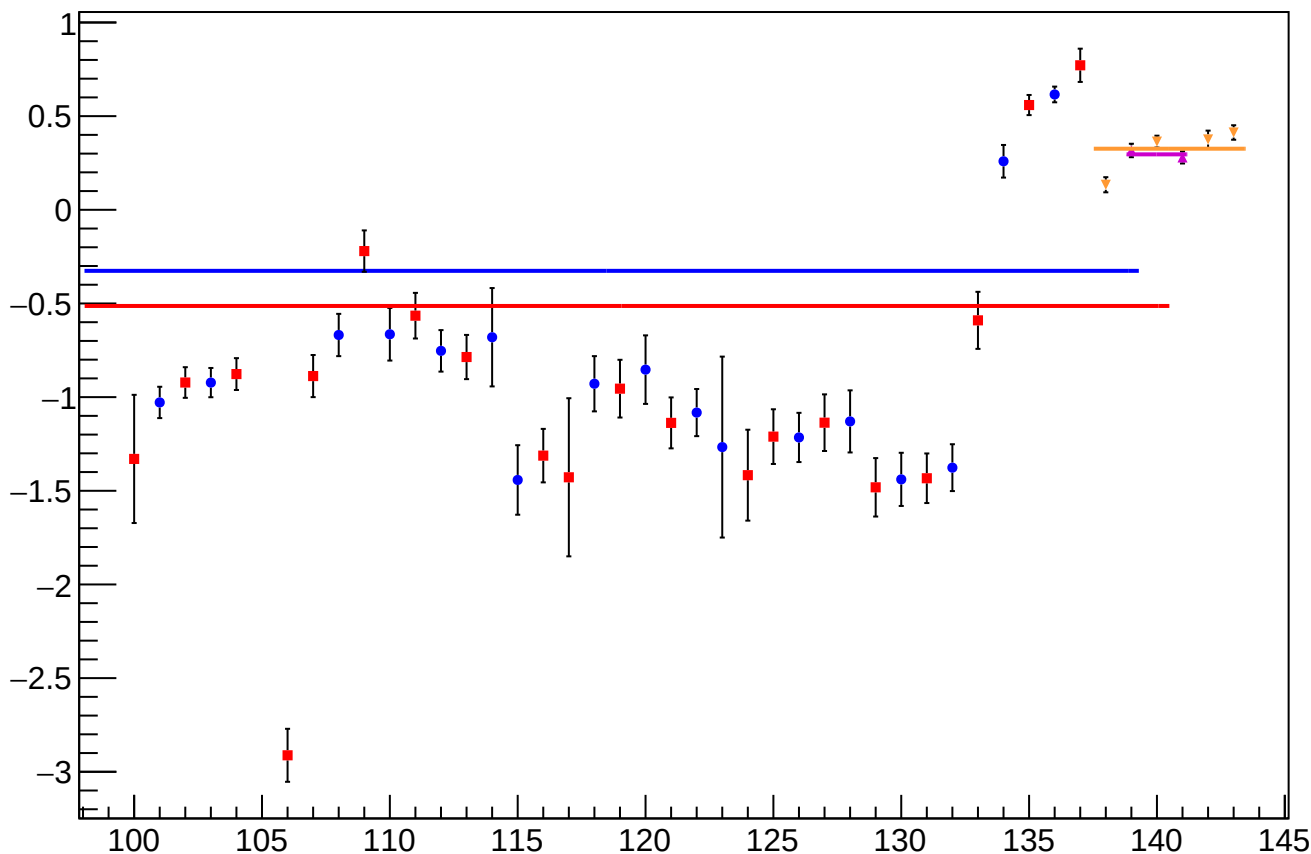
Right Out: 27.512 $\pm$ 0.477 χ^2 /NDF: 3037.3/19

Left In: 40.819 $\pm$ 0.596 χ^2 /NDF:30.5/1

34.259 $\pm$ 0.299 χ^2 /NDF: 3929.1/20

32.715 $\pm$ 0.373 χ^2 /NDF: 3371.5/21

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 $\chi^2/\text{NDF}: 1013.0/16$

Left Out: 0.326 ± 0.019 $\chi^2/\text{NDF}: 30.2/3$

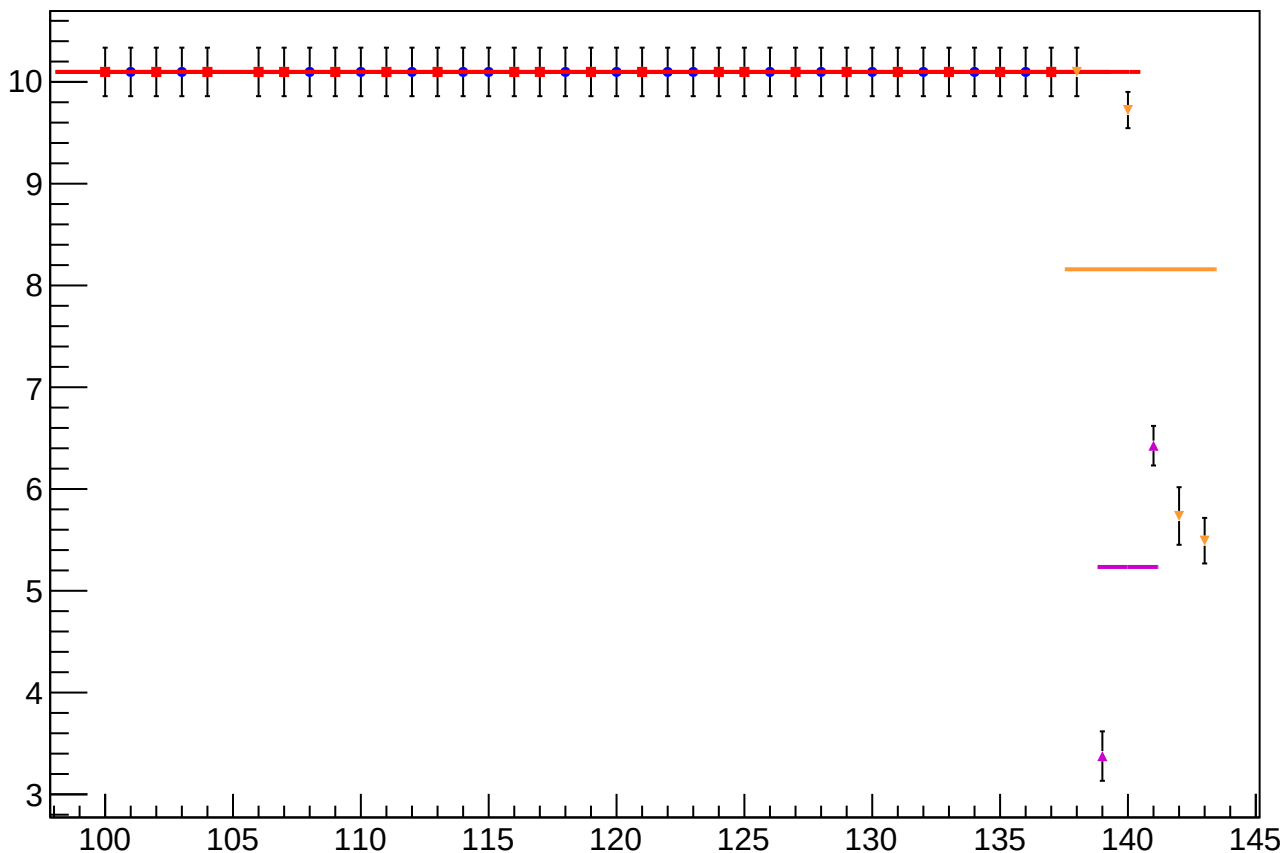
Right Out: -0.513 ± 0.026 $\chi^2/\text{NDF}: 1174.1/19$

Left In: 0.296 ± 0.024 $\chi^2/\text{NDF}: 0.6/1$

0.084 ± 0.015 $\chi^2/\text{NDF}: 1473.9/20$

-0.081 ± 0.018 $\chi^2/\text{NDF}: 1706.5/21$

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 10.098 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 8.159 $\pm$ 0.111 χ^2 /NDF:358.8/3

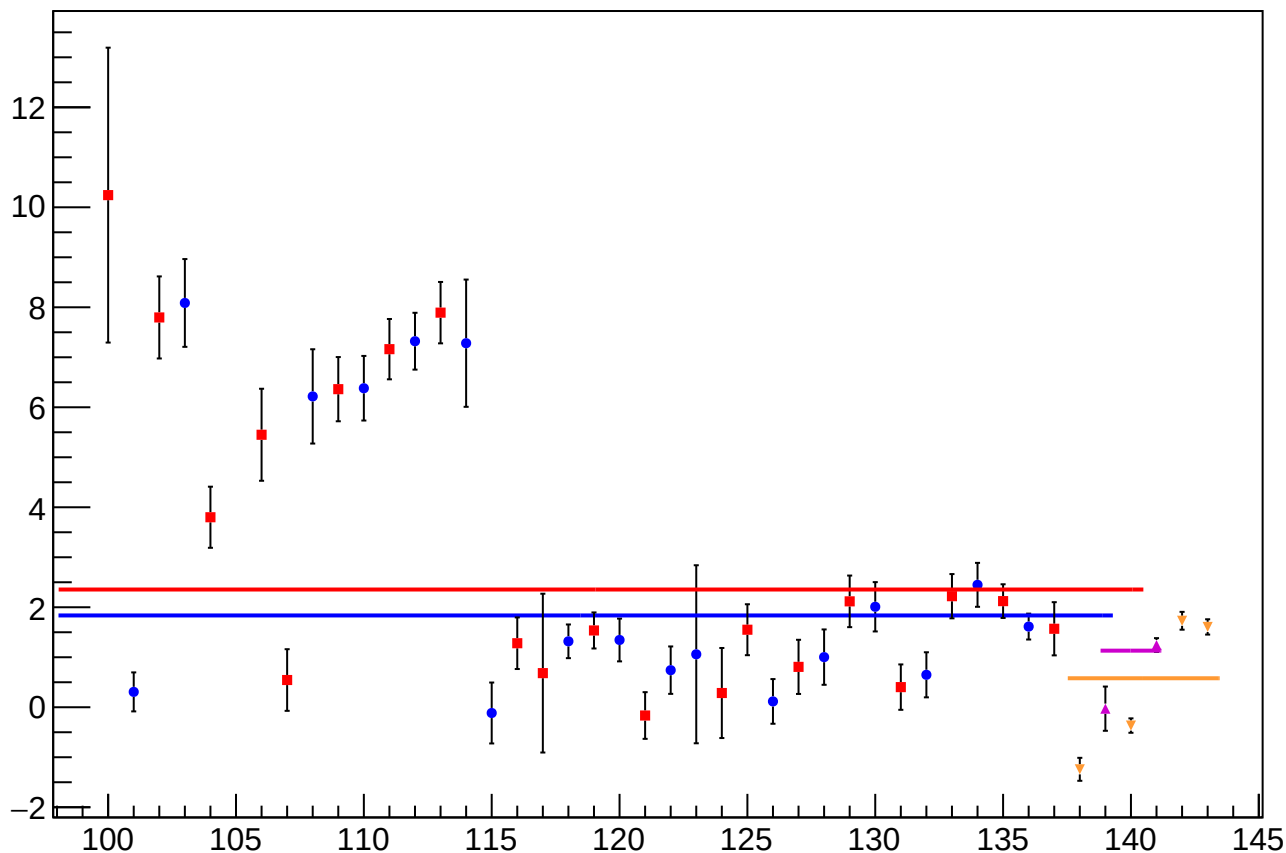
Right Out: 10.098 $\pm$ 0.053 χ^2 /NDF: 0.0/19

Left In: 5.234 $\pm$ 0.152 χ^2 /NDF:96.1/1

9.683 $\pm$ 0.051 χ^2 /NDF: 600.0/20

9.564 $\pm$ 0.050 χ^2 /NDF: 1010.3/21

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 0.580 $\pm$ 0.084 χ^2 /NDF:192.6/3

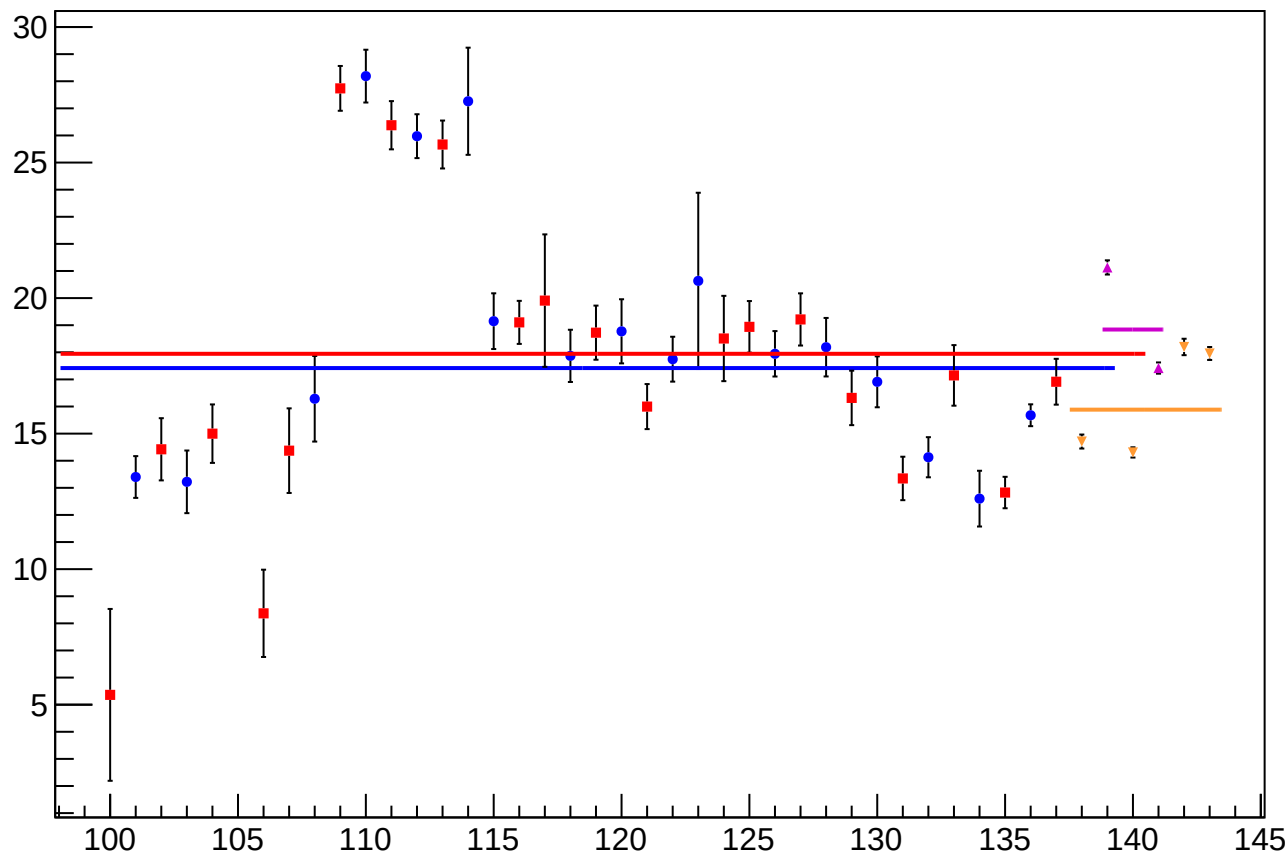
Right Out: 2.355 $\pm$ 0.122 χ^2 /NDF: 337.5/19

Left In: 1.132 $\pm$ 0.131 χ^2 /NDF:7.6/1

1.013 $\pm$ 0.068 χ^2 /NDF: 564.2/20

1.788 $\pm$ 0.090 χ^2 /NDF: 391.4/21

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 15.884 ± 0.118 χ^2/NDF : 223.7/3

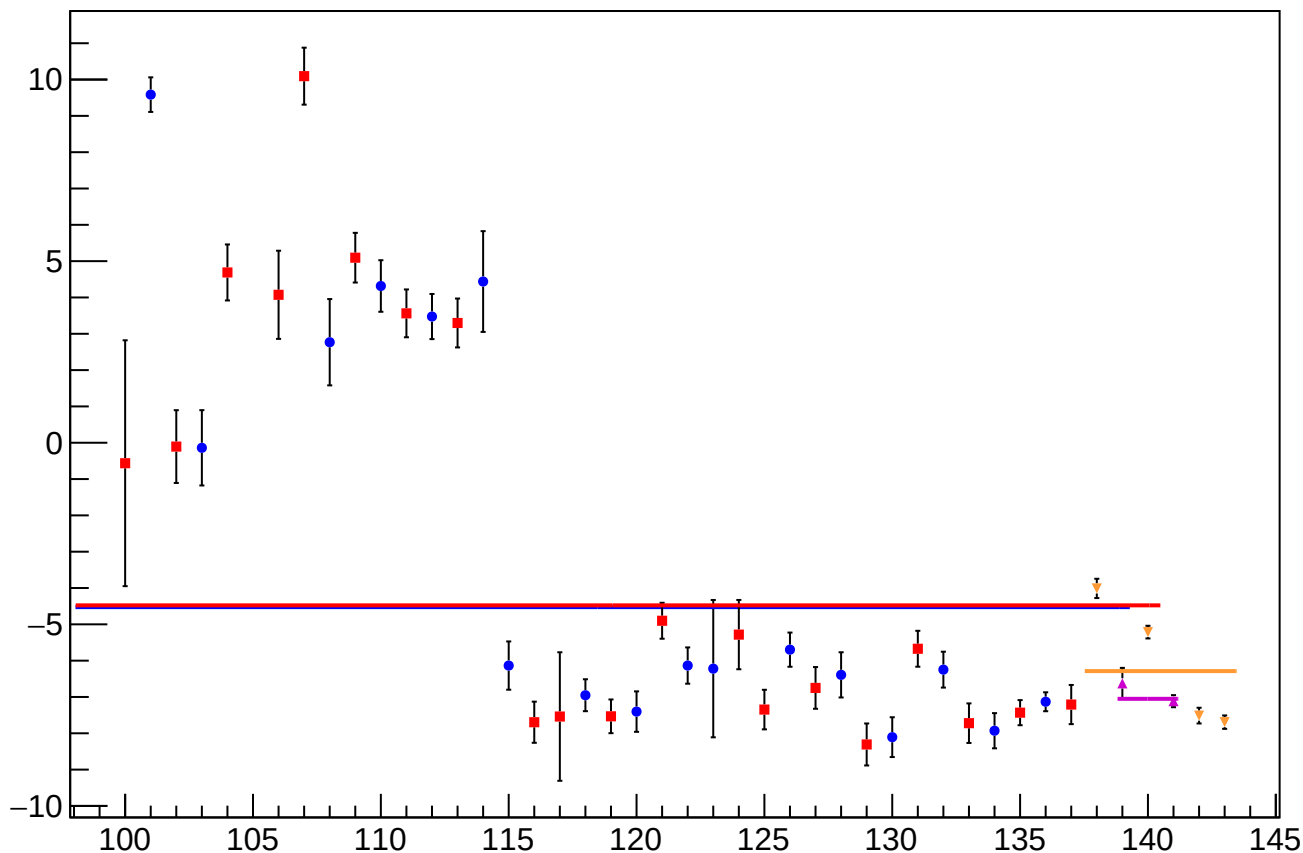
Right Out: 17.945 ± 0.218 χ^2/NDF : 507.0/19

Left In: 18.840 ± 0.162 χ^2/NDF : 123.4/1

16.250 ± 0.103 χ^2/NDF : 630.5/20

18.521 ± 0.130 χ^2/NDF : 641.2/21

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526±/0.130 χ^2/NDF : 1590.2/16

Left Out: -6.288±/0.101 χ^2/NDF :201.5/3

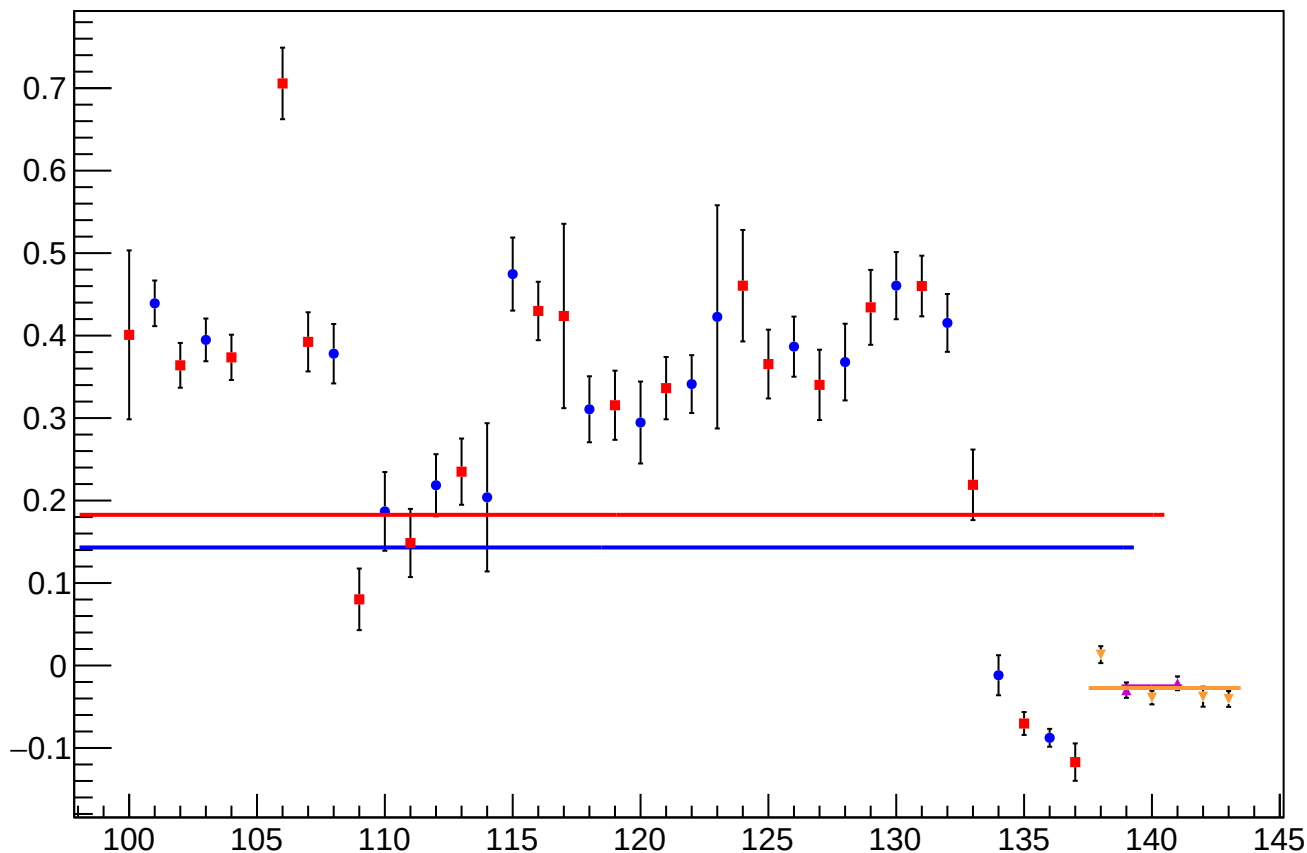
Right Out: -4.478±/0.137 χ^2/NDF : 1341.9/19

Left In: -7.051±/0.155 χ^2/NDF :1.1/1

-5.621±/0.080 χ^2/NDF : 1906.6/20

-5.603±/0.102 χ^2/NDF : 1498.5/21

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 χ^2/NDF : 1060.4/16

Left Out: -0.027 ± 0.005 χ^2/NDF : 20.2/3

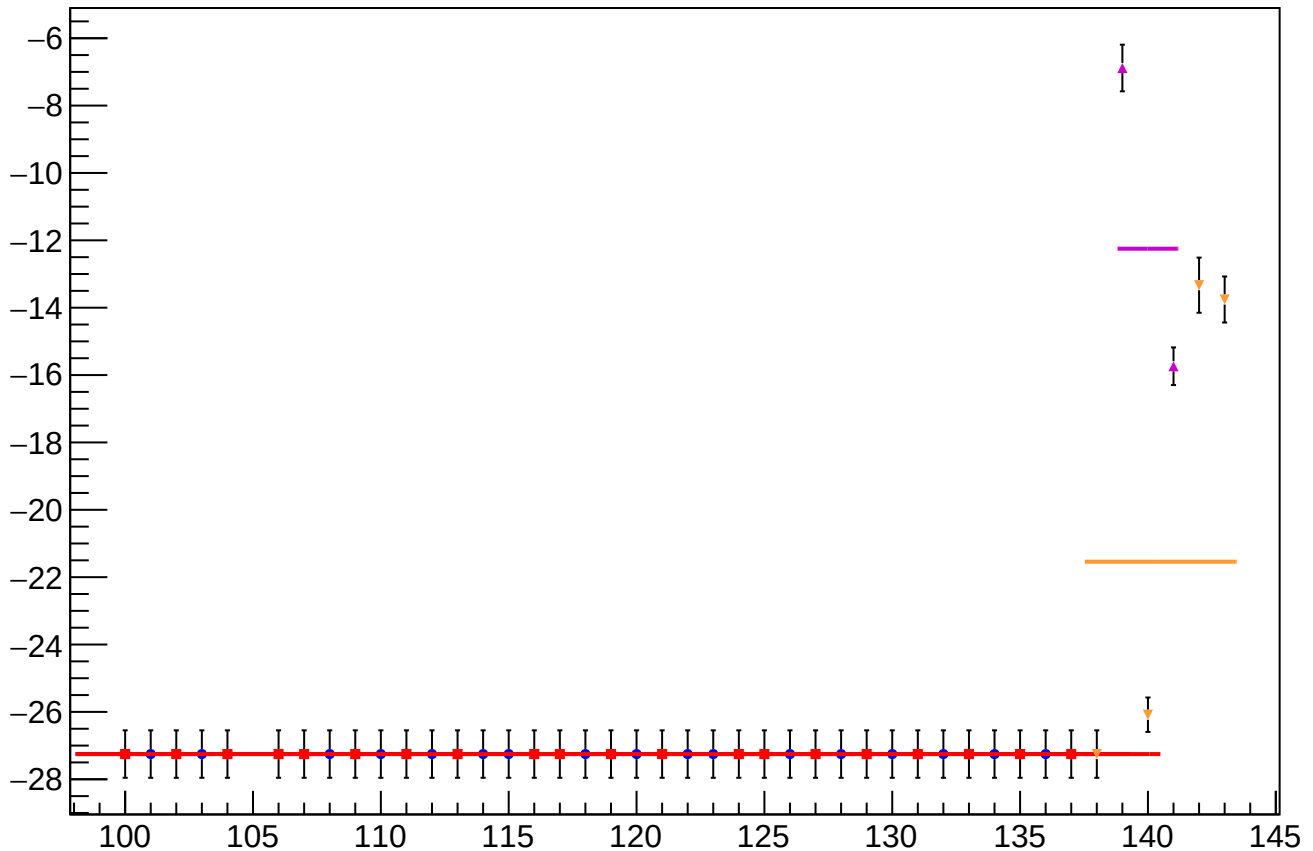
Right Out: 0.183 ± 0.007 χ^2/NDF : 1012.5/19

Left In: -0.025 ± 0.006 χ^2/NDF : 0.4/1

0.028 ± 0.004 χ^2/NDF : 1474.8/20

0.061 ± 0.005 χ^2/NDF : 1477.7/21

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -27.252 ± 0.171 χ^2/NDF : 0.0/16

Left Out: -21.541 ± 0.325 χ^2/NDF : 375.3/3

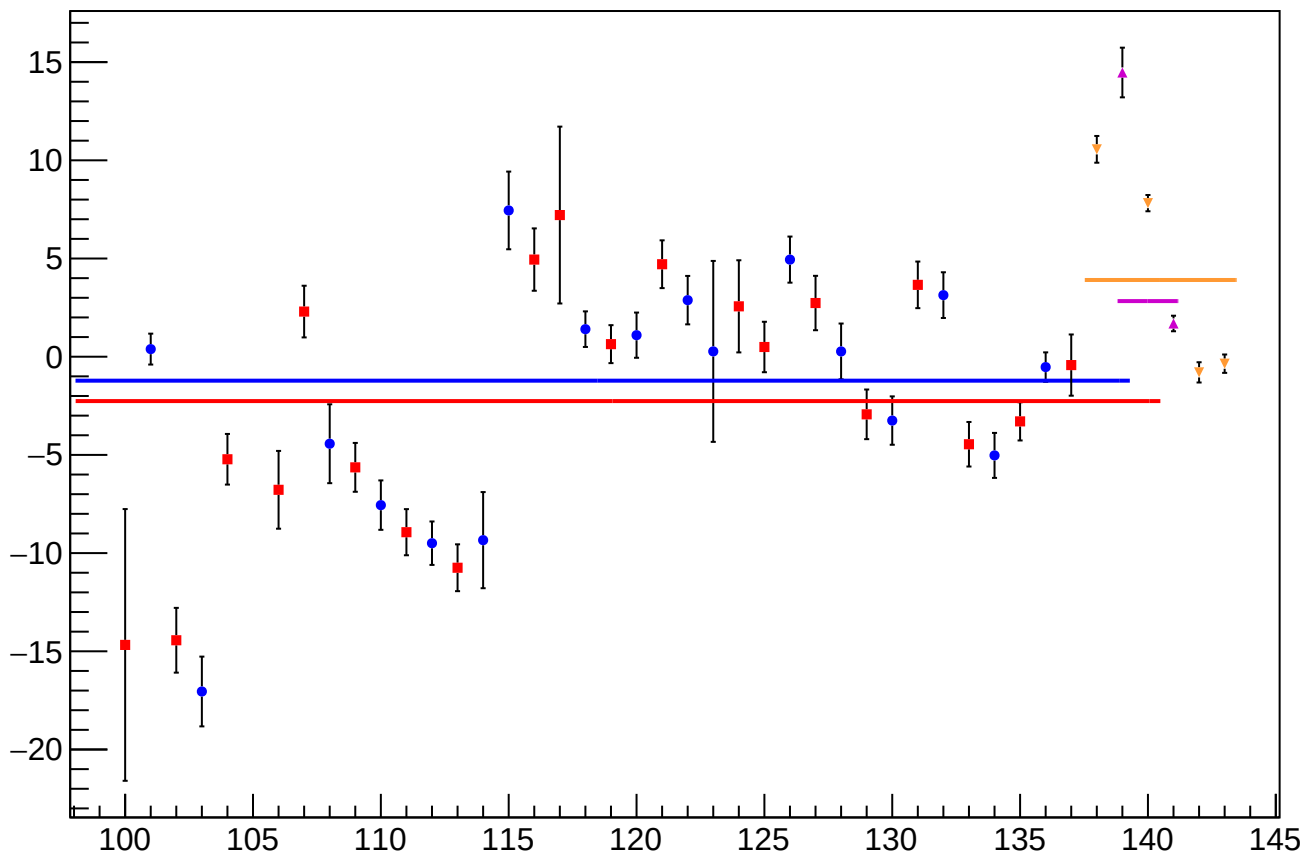
Right Out: -27.252 ± 0.158 χ^2/NDF : 0.0/19

Left In: -12.249 ± 0.435 χ^2/NDF : 99.0/1

-26.013 ± 0.151 χ^2/NDF : 617.5/20

-25.511 ± 0.148 χ^2/NDF : 1151.3/21

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

1.745 ± 0.188 χ^2/NDF : 810.3/20

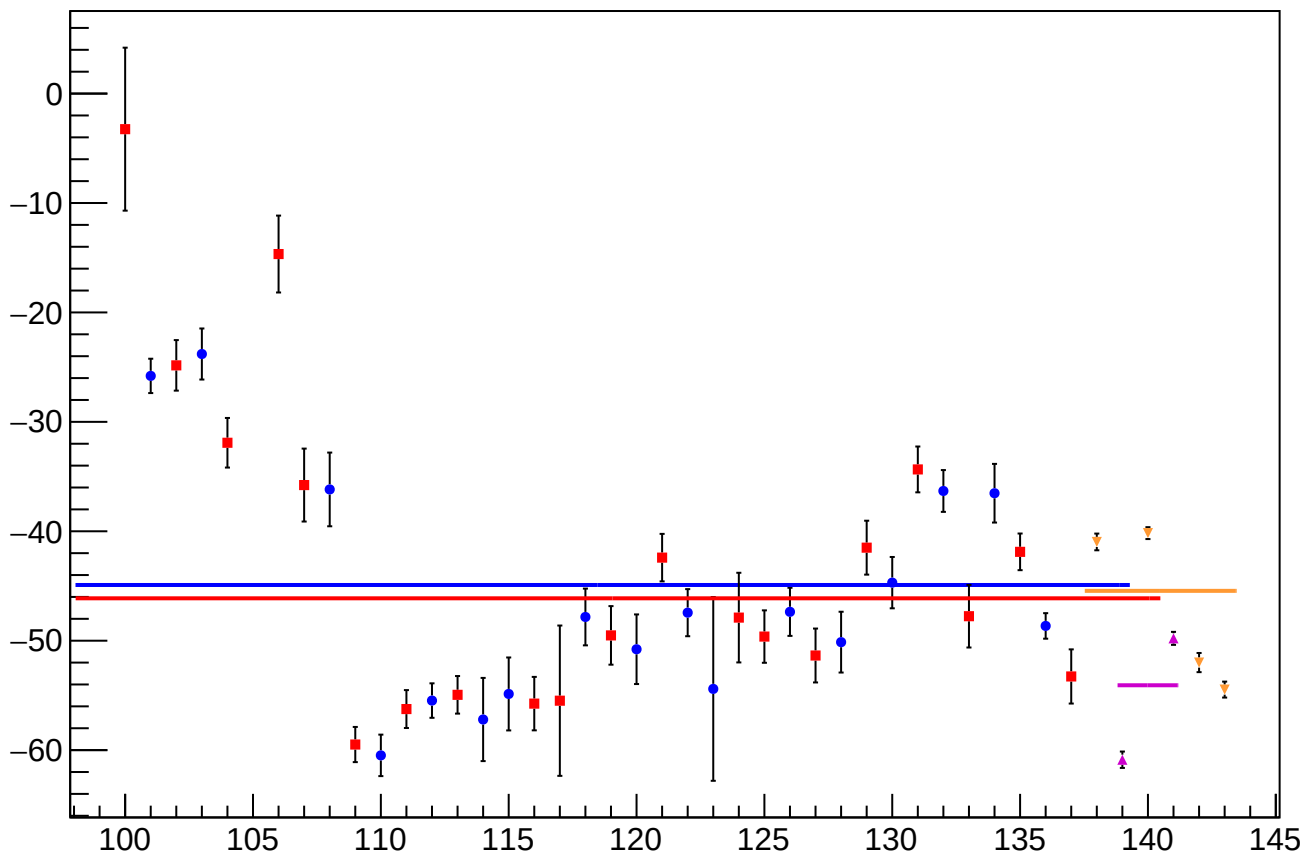
Left Out: 3.907 ± 0.248 χ^2/NDF : 350.9/3

Right Out: -2.259 ± 0.302 χ^2/NDF : 290.7/19

-0.277 ± 0.236 χ^2/NDF : 494.5/21

Left In: 2.832 ± 0.378 χ^2/NDF : 93.0/1

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 $\chi^2/\text{NDF}: 421.2/16$

Left Out: -45.444 ± 0.347 $\chi^2/\text{NDF}: 337.6/3$

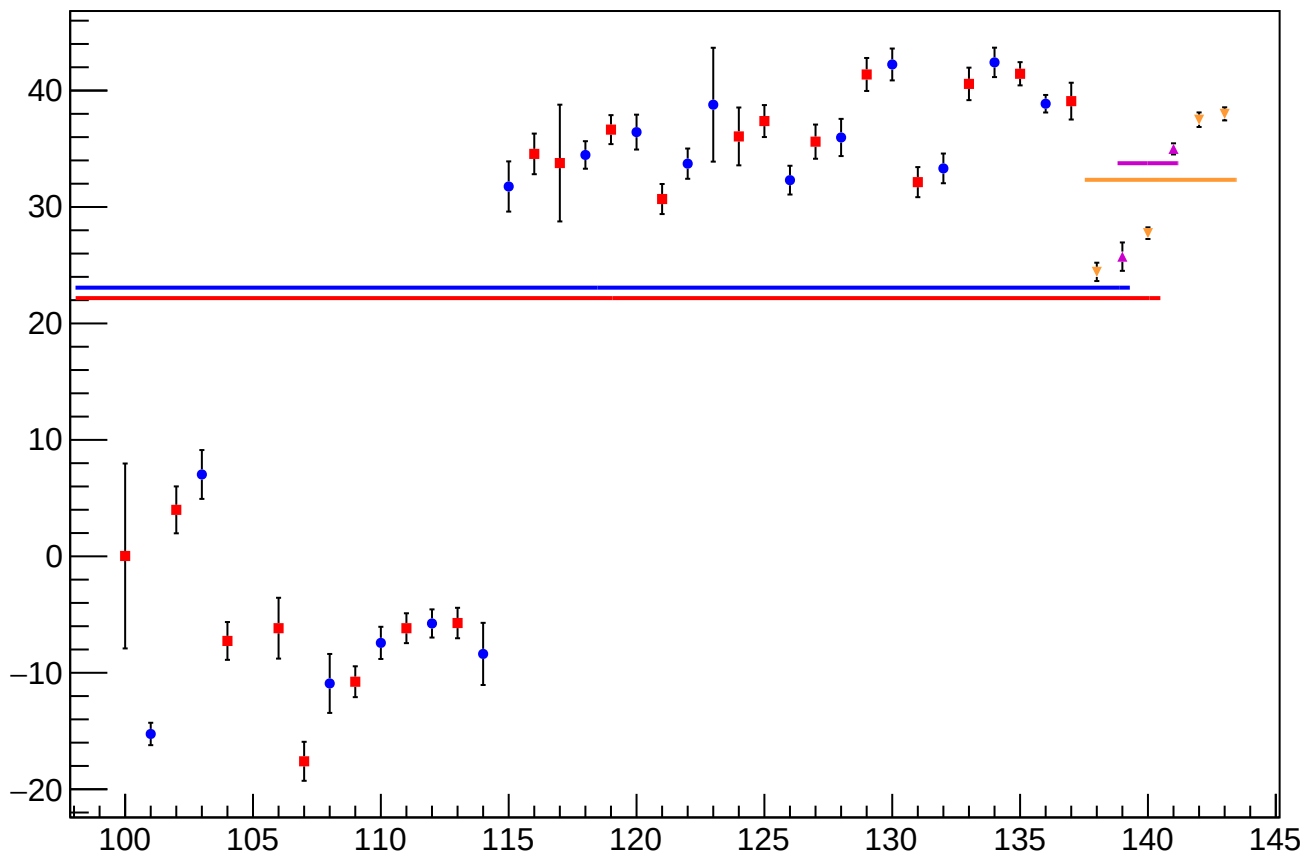
Right Out: -46.126 ± 0.527 $\chi^2/\text{NDF}: 455.9/19$

Left In: -54.073 ± 0.465 $\chi^2/\text{NDF}: 134.7/1$

-45.280 ± 0.289 $\chi^2/\text{NDF}: 759.5/20$

-50.589 ± 0.349 $\chi^2/\text{NDF}: 718.4/21$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 32.334 $\pm$ 0.297 χ^2 /NDF:353.7/3

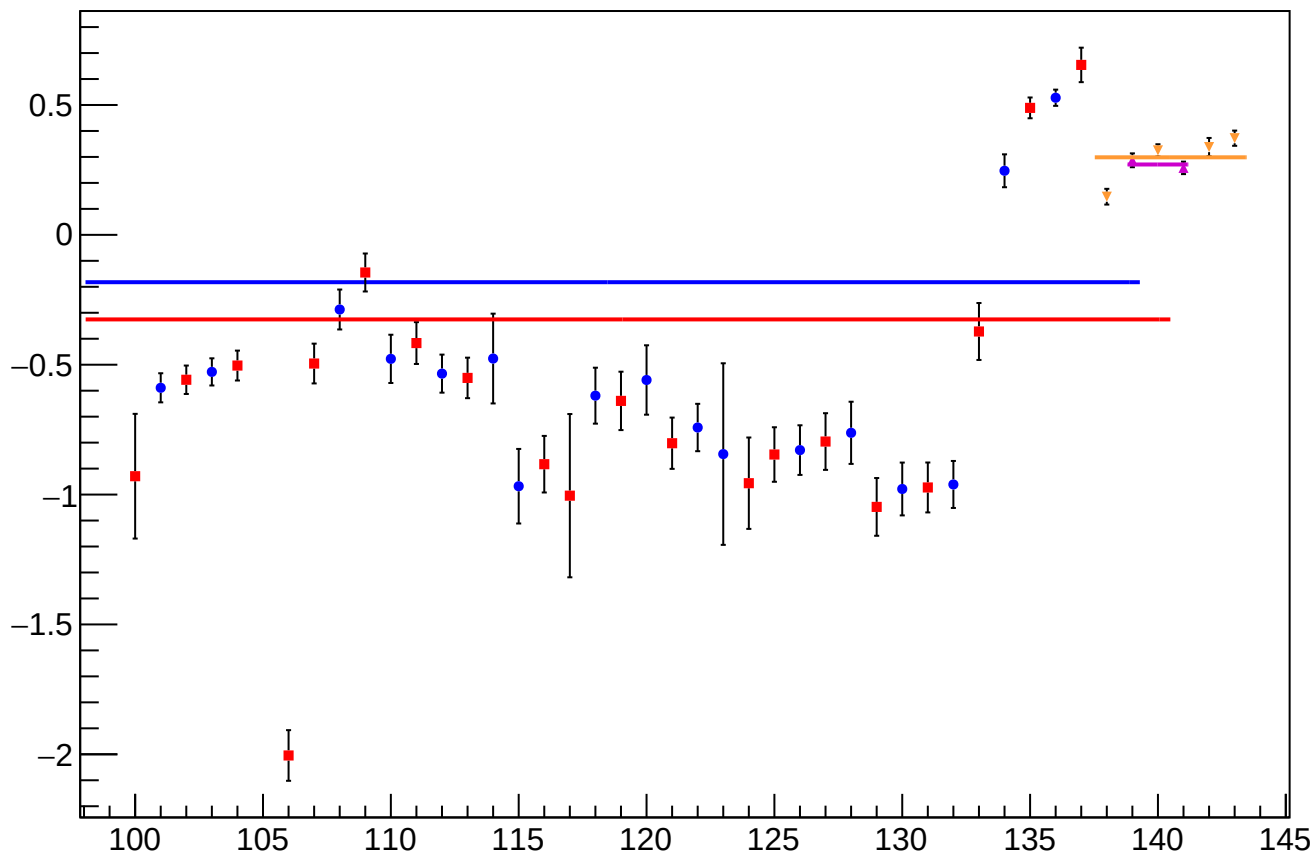
Right Out: 22.175 $\pm$ 0.339 χ^2 /NDF: 4039.8/19

Left In: 33.759 $\pm$ 0.445 χ^2 /NDF:50.0/1

28.128 $\pm$ 0.220 χ^2 /NDF: 5140.2/20

26.436 $\pm$ 0.270 χ^2 /NDF: 4518.9/21

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.299 ± 0.014 χ^2/NDF : 33.9/3

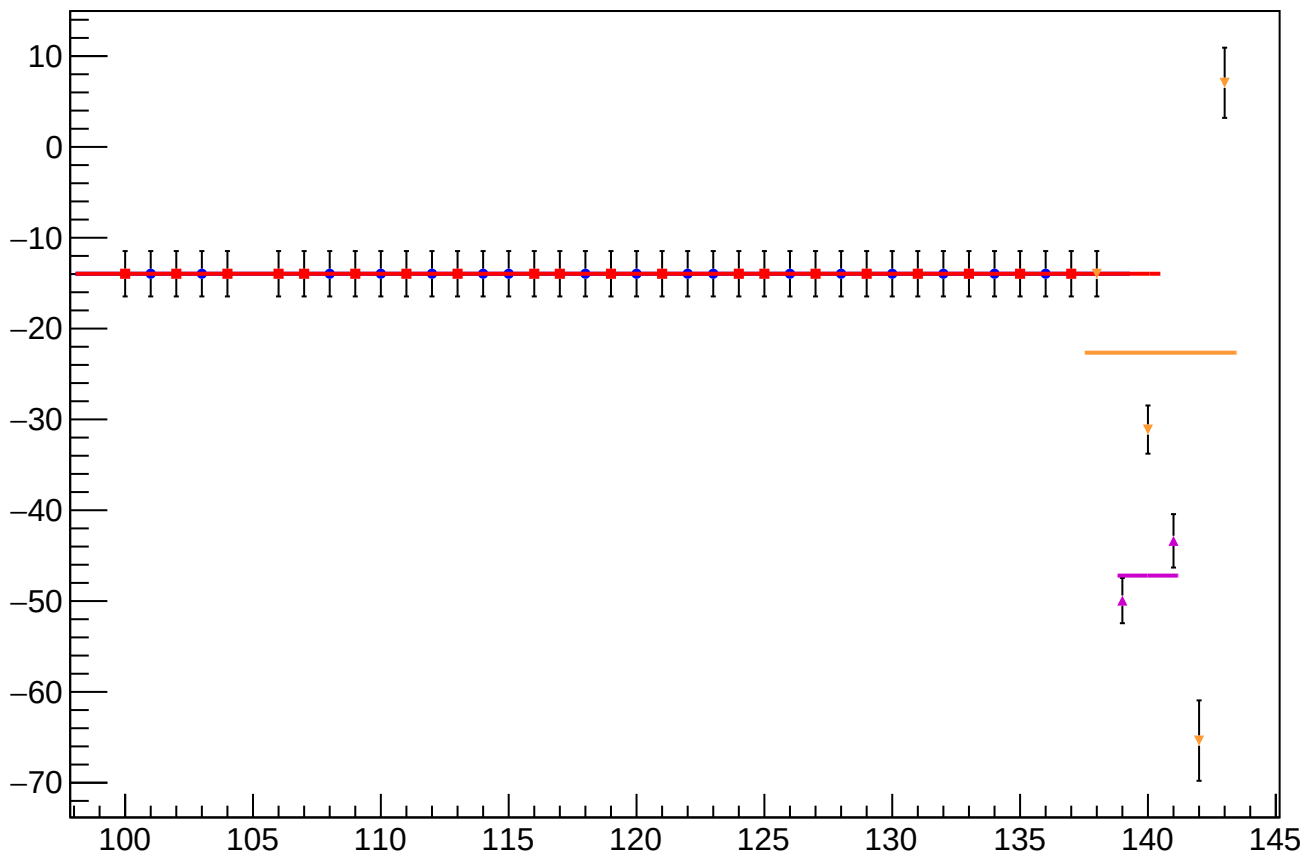
Right Out: -0.326 ± 0.018 χ^2/NDF : 1189.1/19

Left In: 0.271 ± 0.018 χ^2/NDF : 0.7/1

0.108 ± 0.011 χ^2/NDF : 1476.1/20

-0.022 ± 0.013 χ^2/NDF : 1739.9/21

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -13.963 ± 0.606 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -22.654 ± 1.542 $\chi^2/\text{NDF}: 174.5/3$

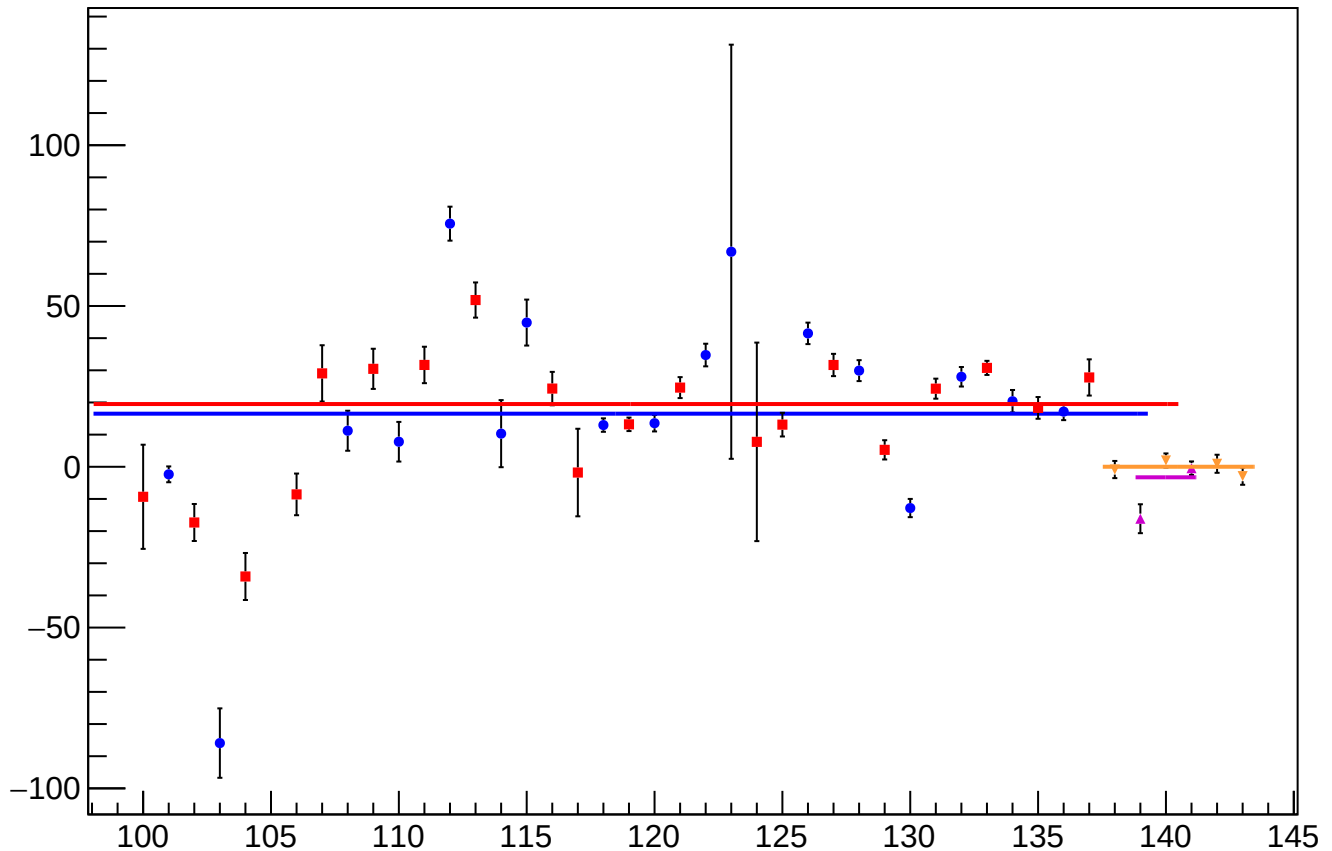
Right Out: -13.963 ± 0.559 $\chi^2/\text{NDF}: 0.0/19$

Left In: -47.195 ± 1.902 $\chi^2/\text{NDF}: 2.9/1$

-15.125 ± 0.564 $\chi^2/\text{NDF}: 202.0/20$

-16.603 ± 0.536 $\chi^2/\text{NDF}: 284.1/21$

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 $\pm$ 0.847 χ^2 /NDF: 519.6/16

Left Out: 0.011 $\pm$ 1.276 χ^2 /NDF: 2.2/3

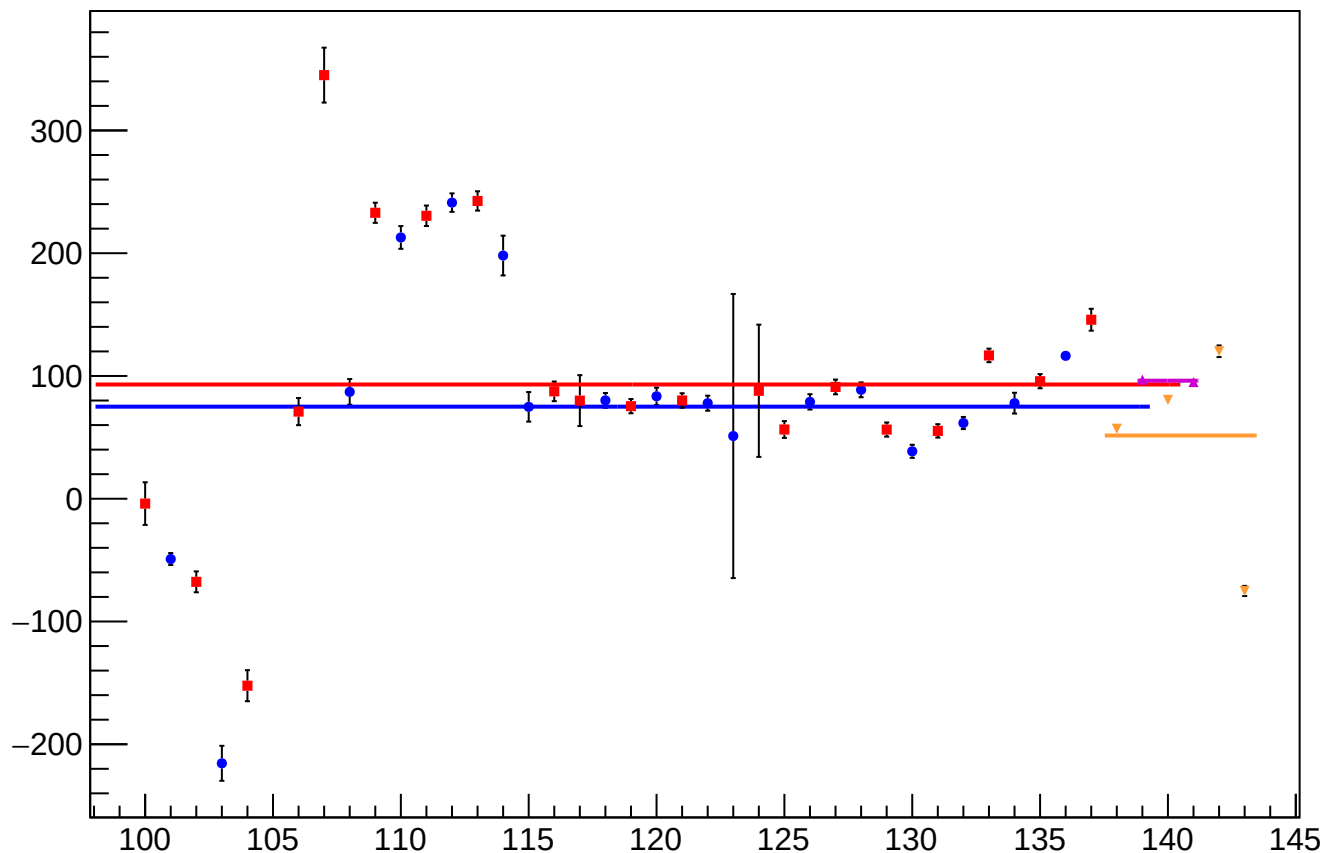
Right Out: 19.512 $\pm$ 0.896 χ^2 /NDF: 244.4/19

Left In: -3.272 $\pm$ 1.909 χ^2 /NDF: 10.0/1

11.459 $\pm$ 0.706 χ^2 /NDF: 637.9/20

15.394 $\pm$ 0.811 χ^2 /NDF: 371.2/21

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 ± 1.636 χ^2/NDF : 1999.3/16

Left Out: 51.503 ± 1.656 χ^2/NDF : 1261.0/3

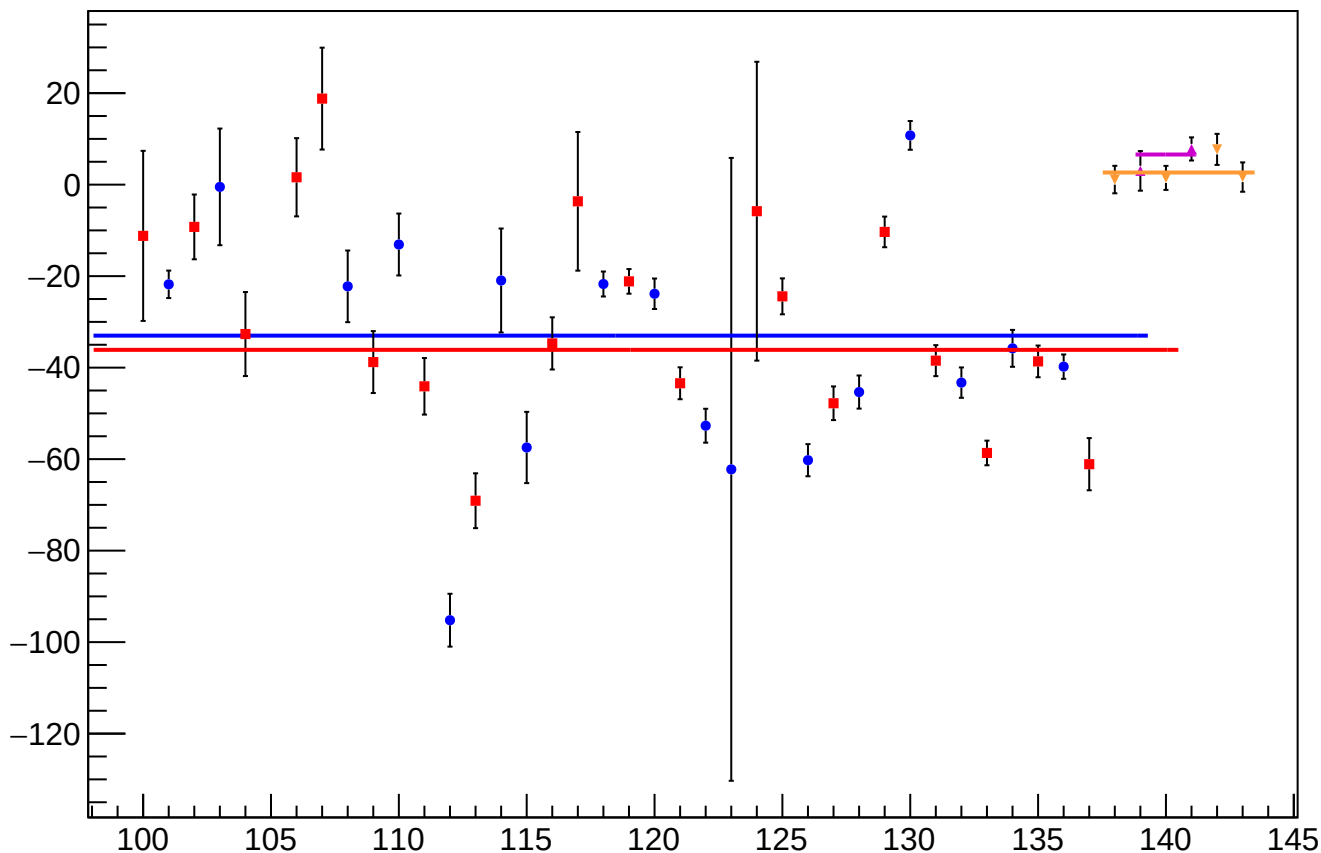
Right Out: 93.051 ± 1.705 χ^2/NDF : 2002.7/19

Left In: 96.157 ± 2.043 χ^2/NDF : 0.2/1

63.398 ± 1.164 χ^2/NDF : 3362.3/20

94.326 ± 1.309 χ^2/NDF : 2004.3/21

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: 2.655 ± 1.508 χ^2/NDF : 2.8/3

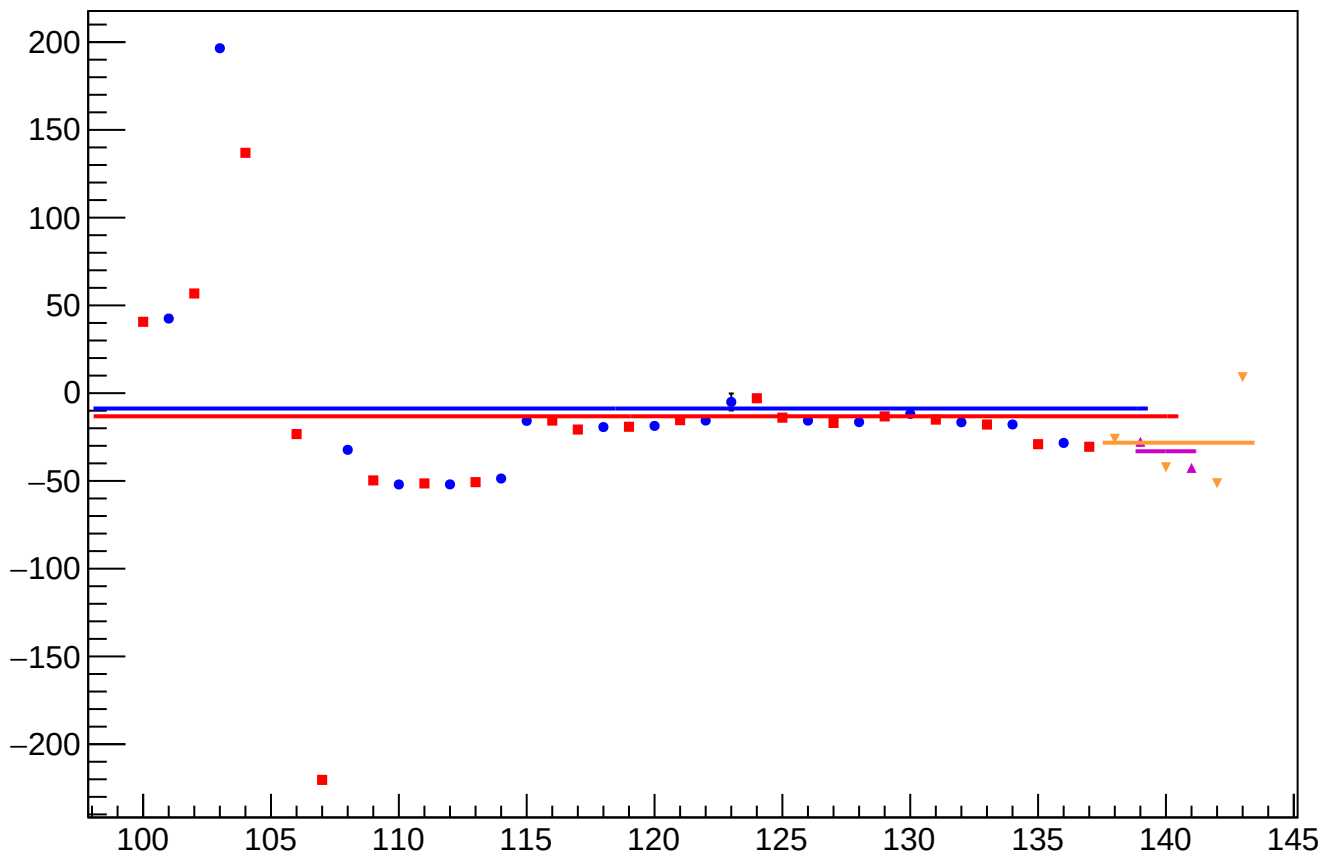
Right Out: -36.112 ± 1.023 χ^2/NDF : 301.7/19

Left In: 6.585 ± 2.184 χ^2/NDF : 0.9/1

-22.545 ± 0.817 χ^2/NDF : 890.9/20

-28.428 ± 0.926 χ^2/NDF : 616.1/21

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751+/-0.059 χ^2/NDF : 576012.4/16

Left Out: -28.224+/-0.067 χ^2/NDF : 79361.1/3

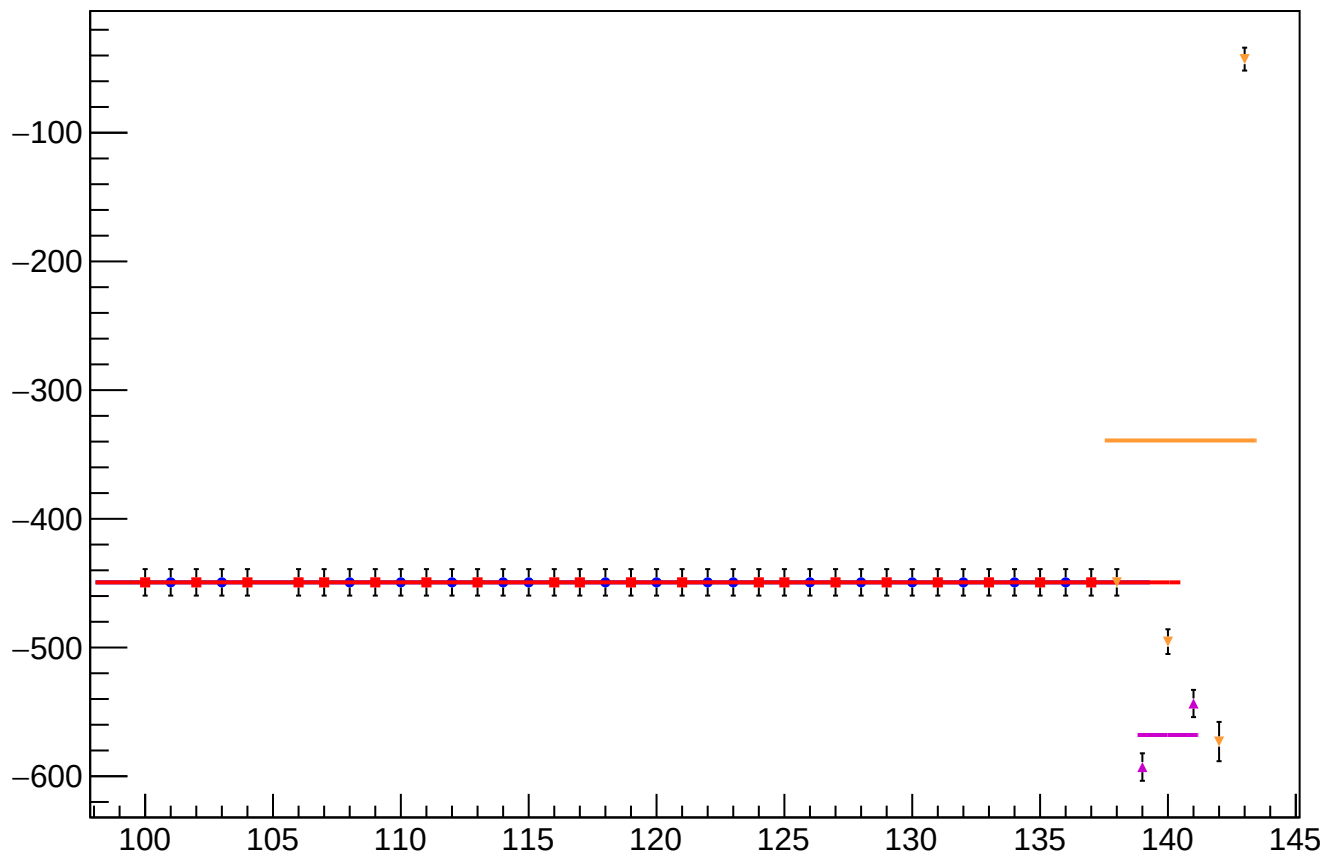
Right Out: -13.175+/-0.062 χ^2/NDF : 558691.6/19

Left In: -33.102+/-0.076 χ^2/NDF : 8860.5/1

-17.182+/-0.044 χ^2/NDF : 702847.5/20

-21.086+/-0.048 χ^2/NDF : 609093.5/21

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -449.364 $\pm$ 2.496 χ^2/NDF : 0.0/16

Left Out: -339.126 $\pm$ 5.184 χ^2/NDF :1723.5/3

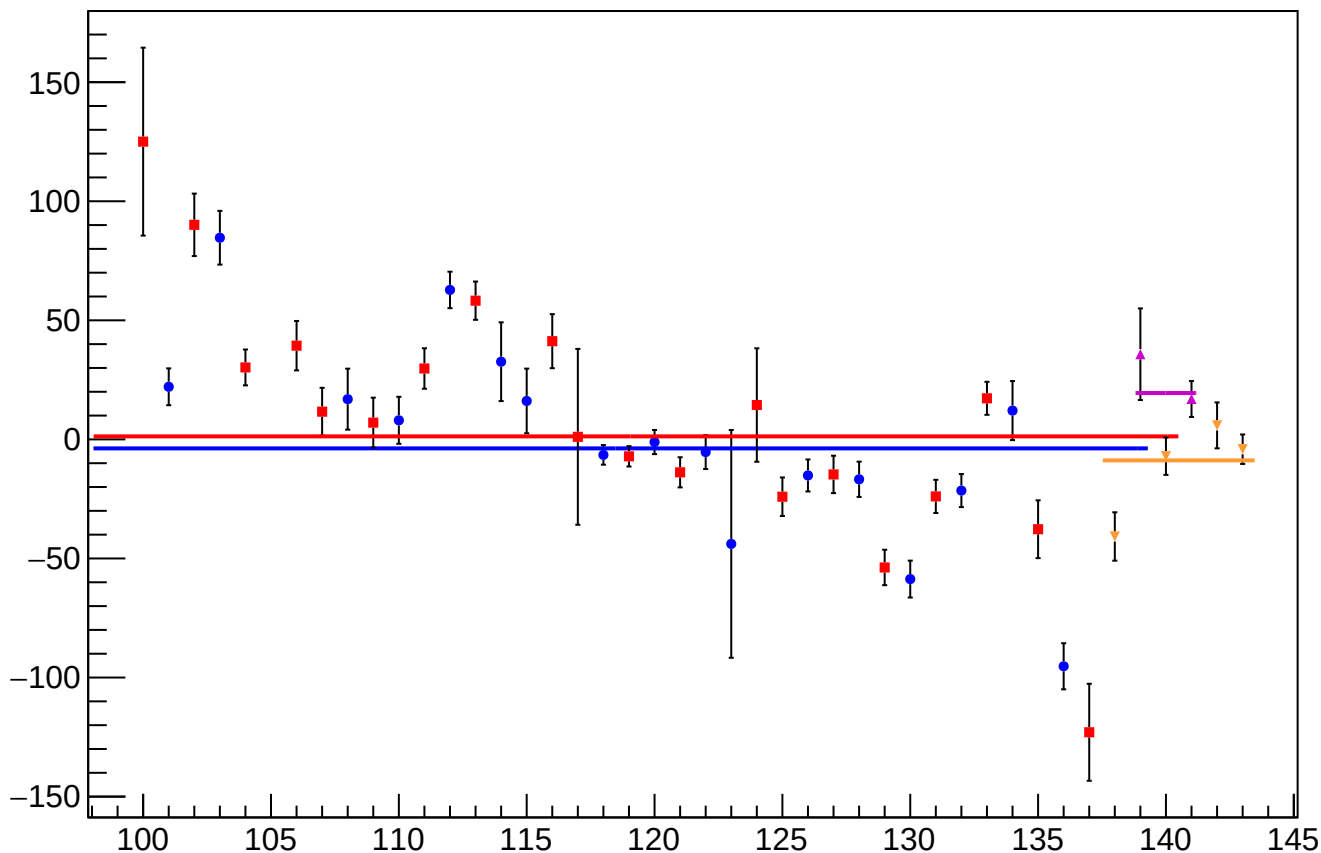
Right Out: -449.364 $\pm$ 2.301 χ^2/NDF : 0.0/19

Left In: -567.954 $\pm$ 7.517 χ^2/NDF :10.8/1

-428.611 $\pm$ 2.249 χ^2/NDF : 2090.6/20

-459.529 $\pm$ 2.201 χ^2/NDF : 238.4/21

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: -8.812 ± 3.990 χ^2/NDF : 12.8/3

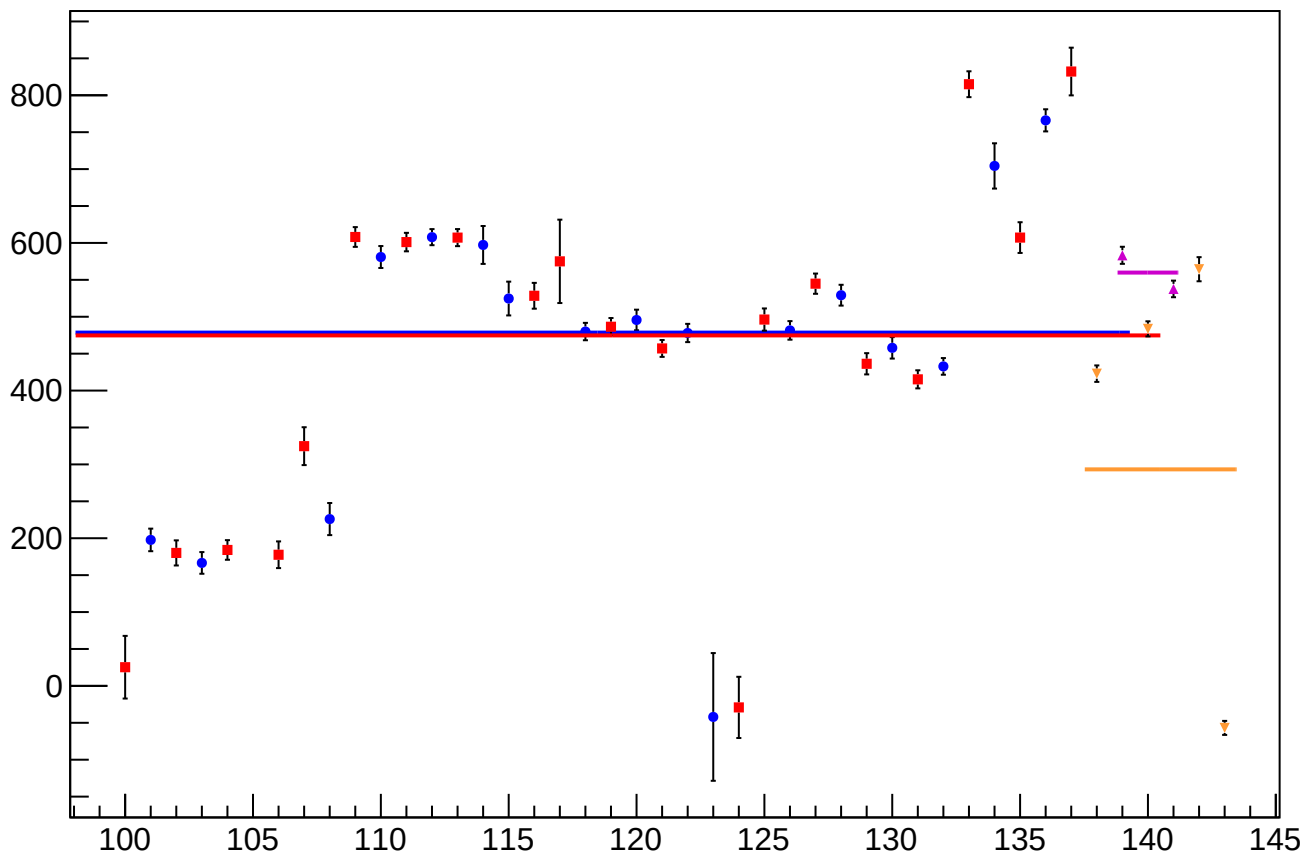
Right Out: 1.265 ± 1.918 χ^2/NDF : 303.7/19

Left In: 19.468 ± 7.016 χ^2/NDF : 0.8/1

-4.695 ± 1.707 χ^2/NDF : 328.5/20

2.530 ± 1.850 χ^2/NDF : 310.8/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526+/-3.630 χ^2/NDF : 1629.0/16

Left Out: 293.273+/-5.552 χ^2/NDF : 2116.3/3

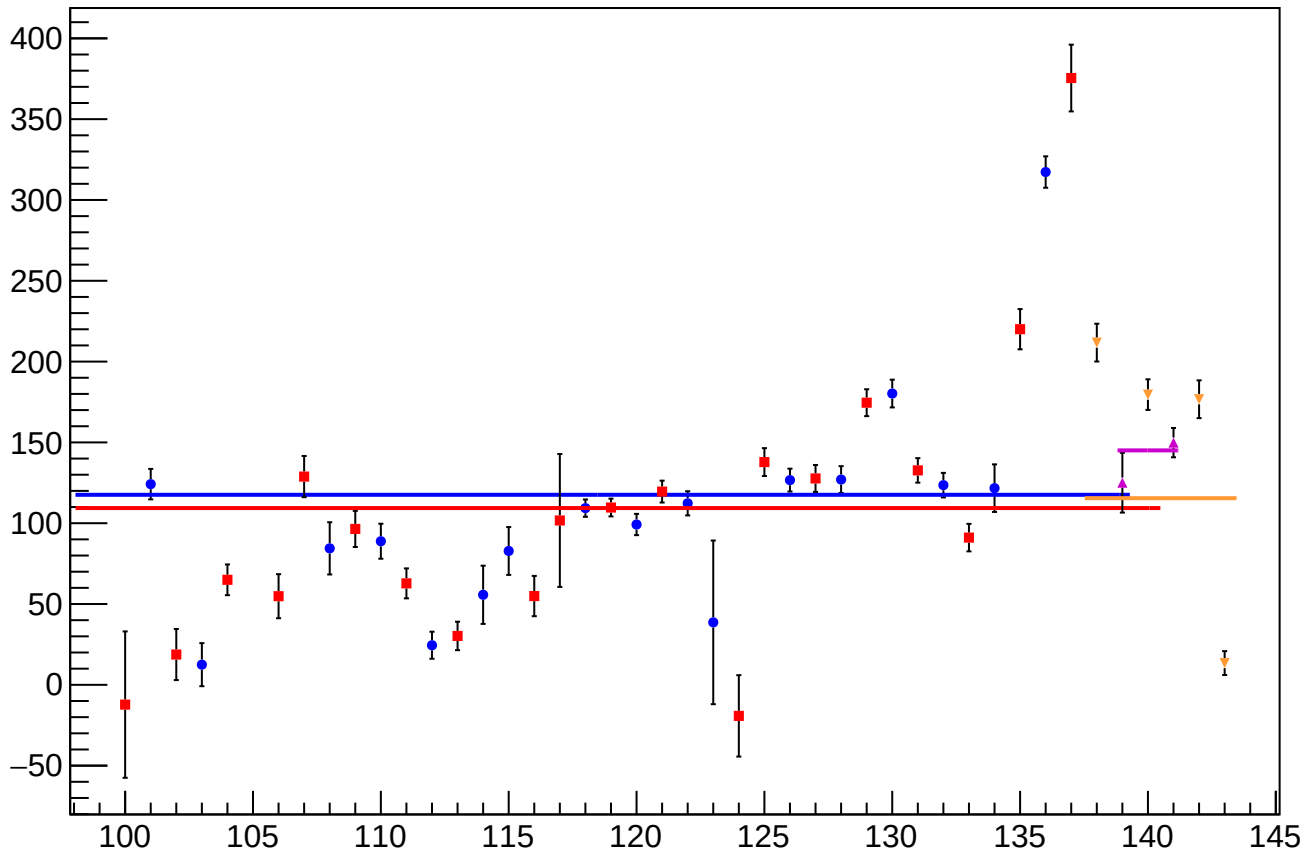
Right Out: 474.721+/-3.526 χ^2/NDF : 2290.3/19

Left In: 559.827+/-8.063 χ^2/NDF : 8.0/1

423.051+/-3.038 χ^2/NDF : 4525.2/20

488.381+/-3.230 χ^2/NDF : 2391.8/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 χ^2/NDF : 706.9/16

Left Out: 115.485 ± 4.765 χ^2/NDF : 331.2/3

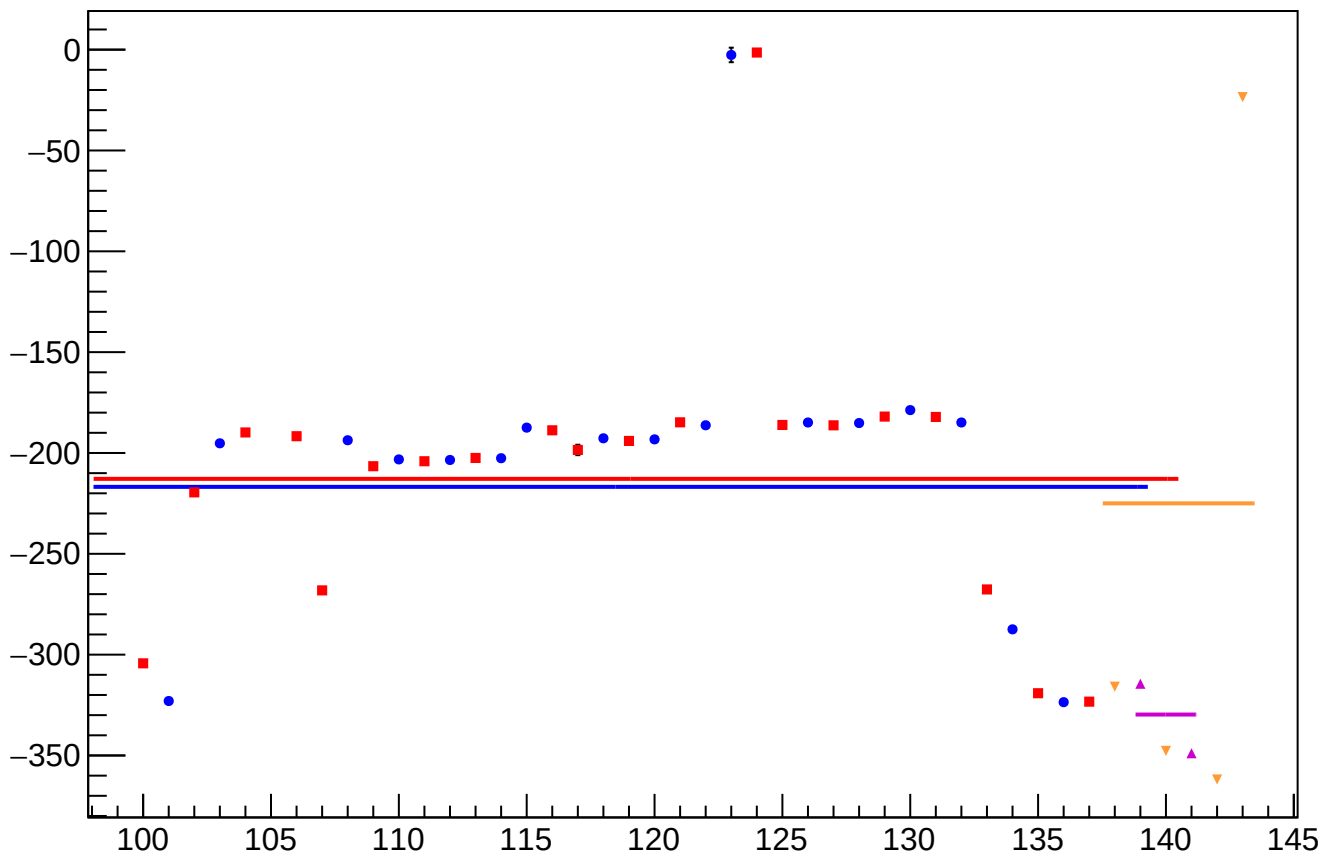
Right Out: 109.378 ± 2.207 χ^2/NDF : 571.2/19

Left In: 145.058 ± 8.150 χ^2/NDF : 1.4/1

117.218 ± 1.992 χ^2/NDF : 1038.2/20

111.815 ± 2.130 χ^2/NDF : 590.5/21

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -224.971+/-0.227 χ^2/NDF : 441666.8/3

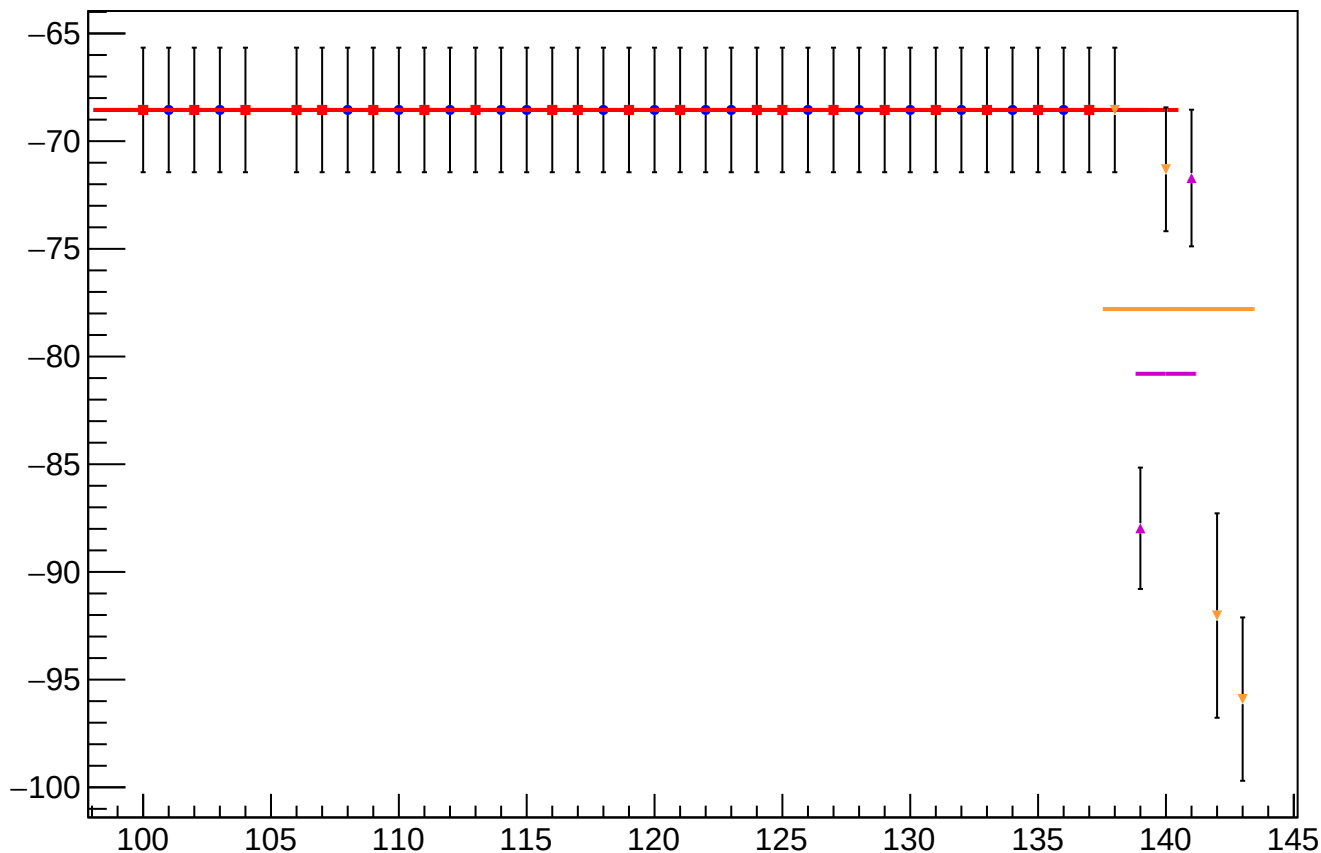
Right Out: -212.832+/-0.130 χ^2/NDF : 116424.5/19

Left In: -329.705+/-0.304 χ^2/NDF : 3179.4/1

-218.940+/-0.117 χ^2/NDF : 589595.7/20

-230.931+/-0.119 χ^2/NDF : 244792.4/21

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -68.551 $\pm$ 0.701 χ^2 /NDF: 0.0/16

Left Out: -77.795 $\pm$ 1.679 χ^2 /NDF: 47.1/3

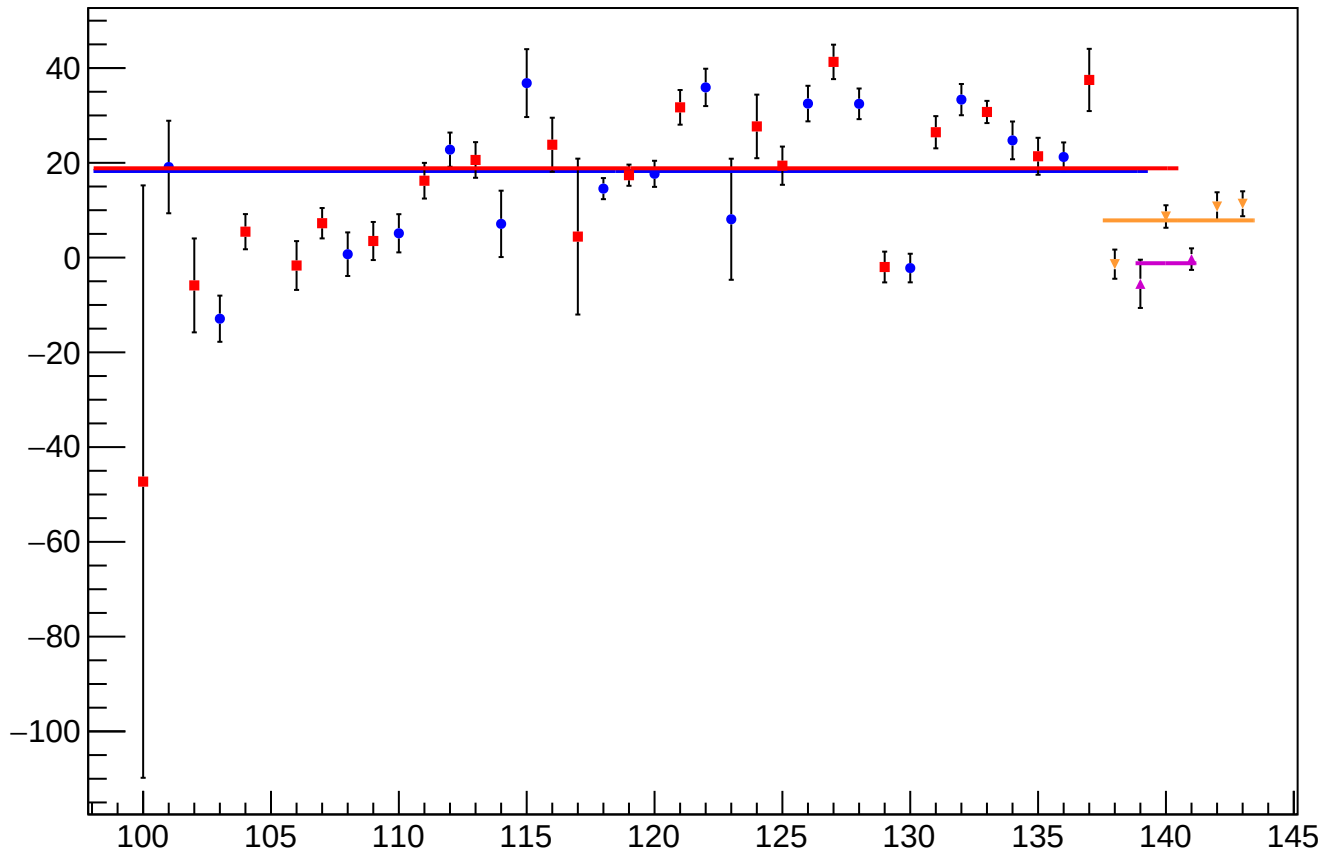
Right Out: -68.551 $\pm$ 0.647 χ^2 /NDF: 0.0/19

Left In: -80.800 $\pm$ 2.106 χ^2 /NDF: 14.7/1

-69.924 $\pm$ 0.647 χ^2 /NDF: 72.9/20

-69.606 $\pm$ 0.618 χ^2 /NDF: 45.6/21

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 7.848 $\pm$ 1.364 χ^2 /NDF:11.8/3

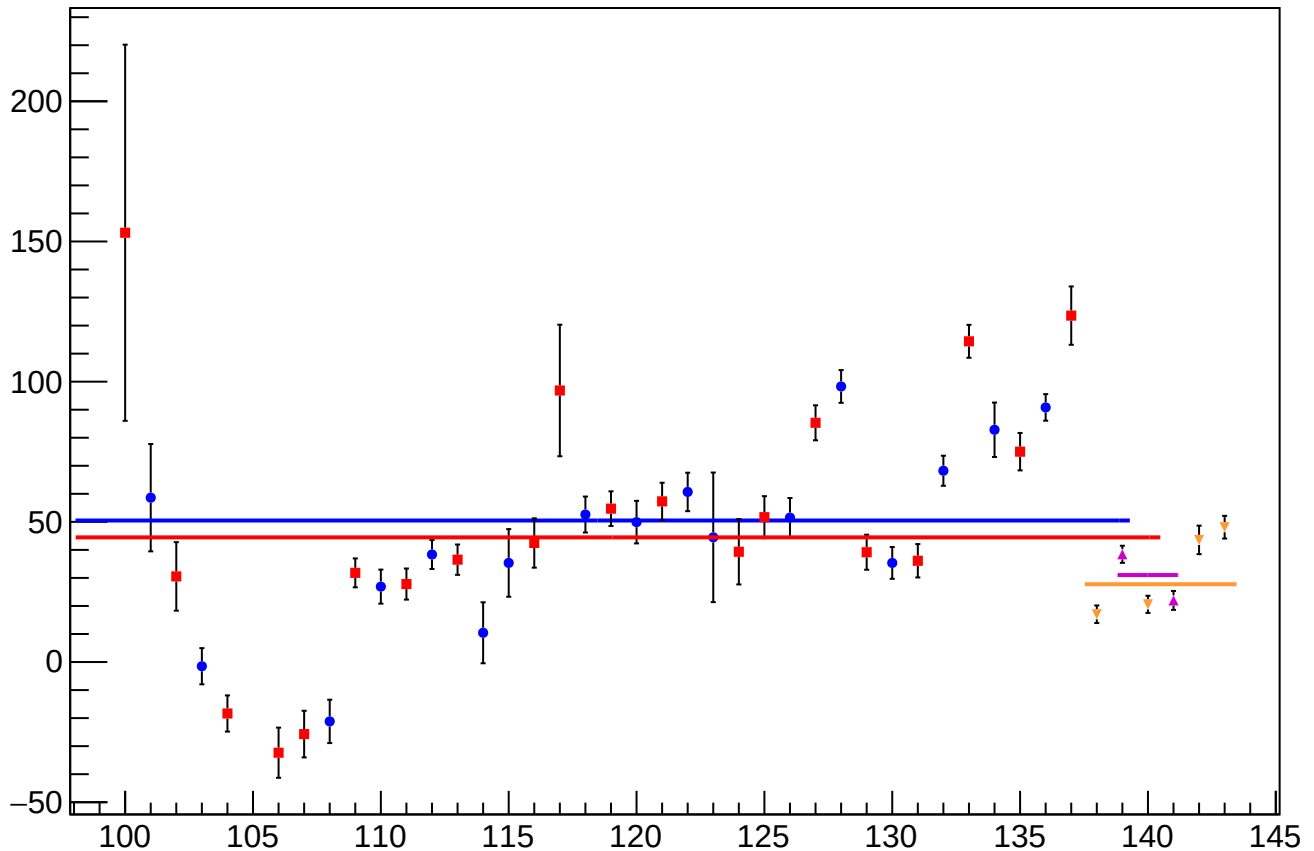
Right Out: 18.842 $\pm$ 0.863 χ^2 /NDF: 199.2/19

Left In: -1.192 $\pm$ 2.077 χ^2 /NDF:0.9/1

15.089 $\pm$ 0.754 χ^2 /NDF: 257.0/20

15.891 $\pm$ 0.797 χ^2 /NDF: 279.4/21

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 27.752 $\pm$ 1.802 χ^2 /NDF: 52.1/3

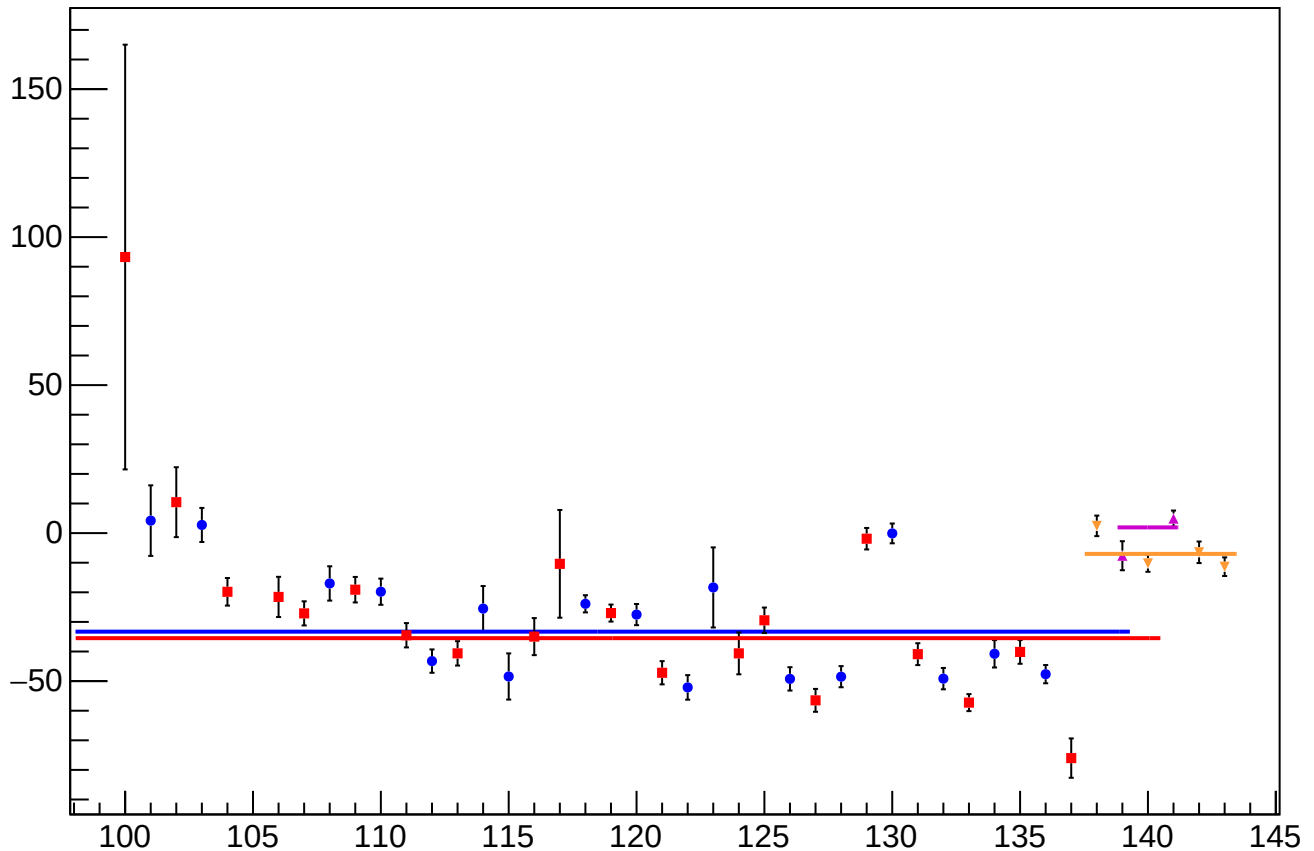
Right Out: 44.466 $\pm$ 1.599 χ^2 /NDF: 539.4/19

Left In: 31.027 $\pm$ 2.262 χ^2 /NDF: 13.1/1

39.991 $\pm$ 1.224 χ^2 /NDF: 495.7/20

39.989 $\pm$ 1.306 χ^2 /NDF: 576.1/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 $\pm$ 1.033 χ^2 /NDF: 289.1/16

Left Out: -7.026 $\pm$ 1.617 χ^2 /NDF:10.6/3

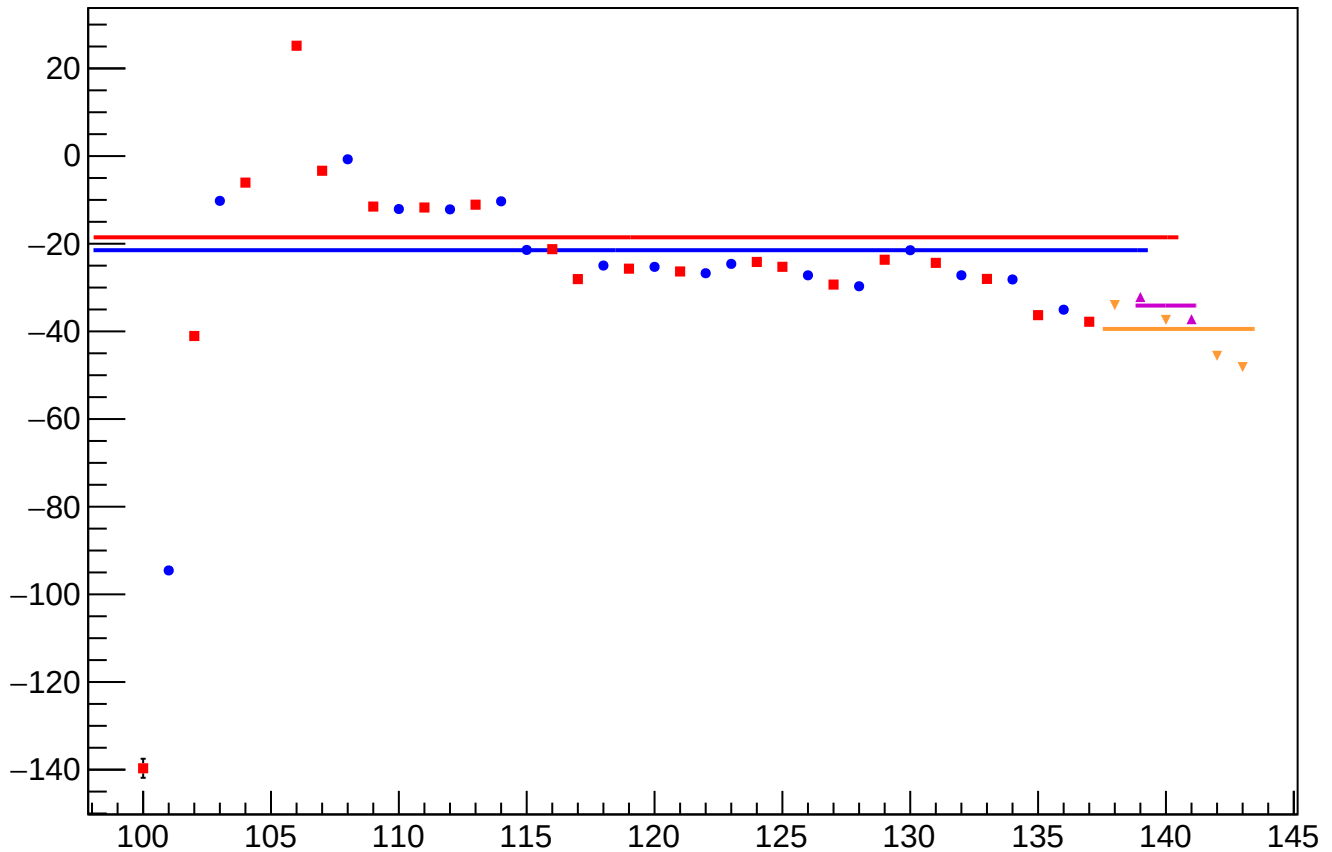
Right Out: -35.491 $\pm$ 0.991 χ^2 /NDF: 289.5/19

Left In: 1.931 $\pm$ 2.384 χ^2 /NDF:5.0/1

-25.681 $\pm$ 0.871 χ^2 /NDF: 487.0/20

-29.976 $\pm$ 0.915 χ^2 /NDF: 504.7/21

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -39.438 ± 0.073 $\chi^2/\text{NDF}: 6008.2/3$

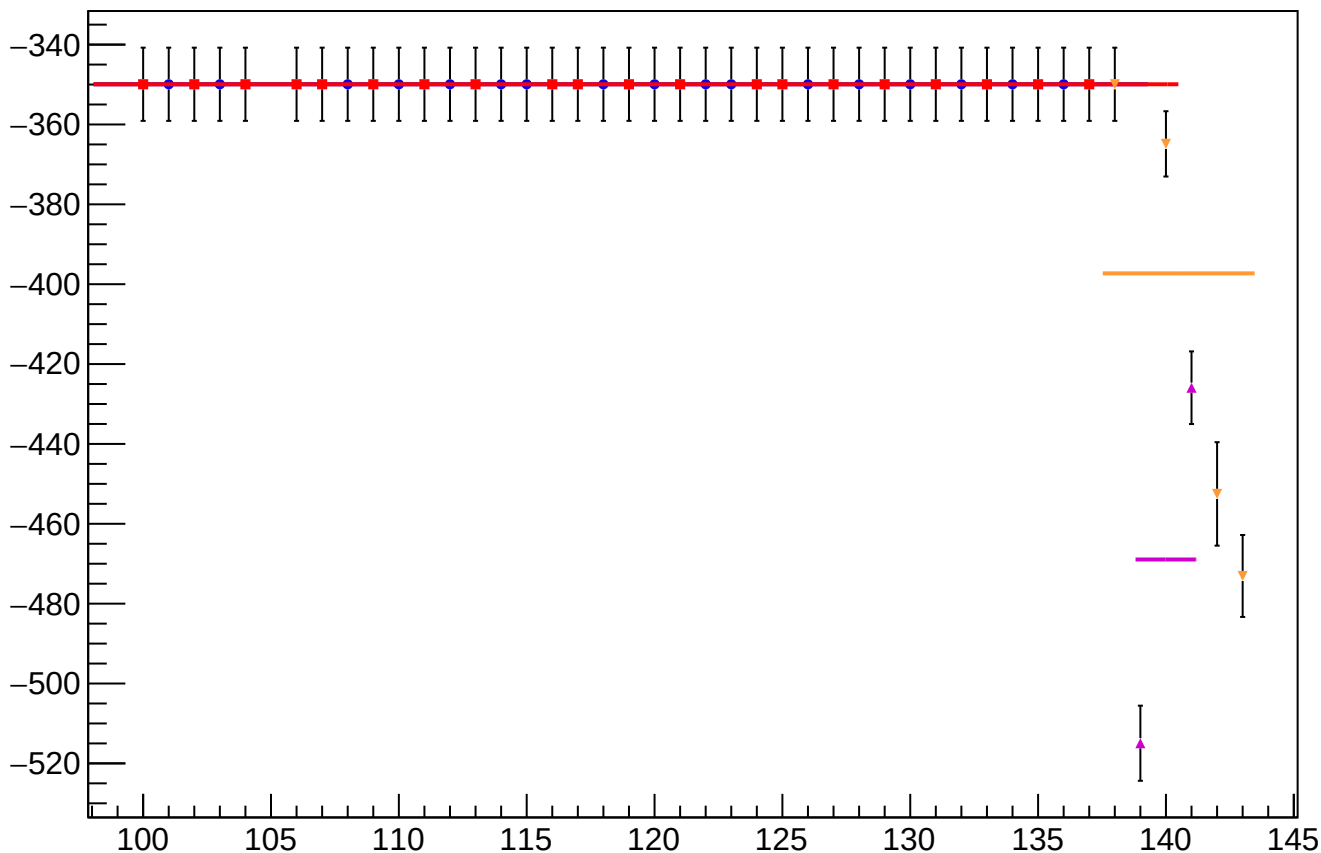
Right Out: -18.533 ± 0.057 $\chi^2/\text{NDF}: 80812.7/19$

Left In: -34.108 ± 0.084 $\chi^2/\text{NDF}: 853.0/1$

-28.475 ± 0.046 $\chi^2/\text{NDF}: 91527.9/20$

-23.449 ± 0.047 $\chi^2/\text{NDF}: 105013.7/21$

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -349.933+/-2.223 χ^2 /NDF: 0.0/16

Left Out: -397.287+/-4.861 χ^2 /NDF:115.2/3

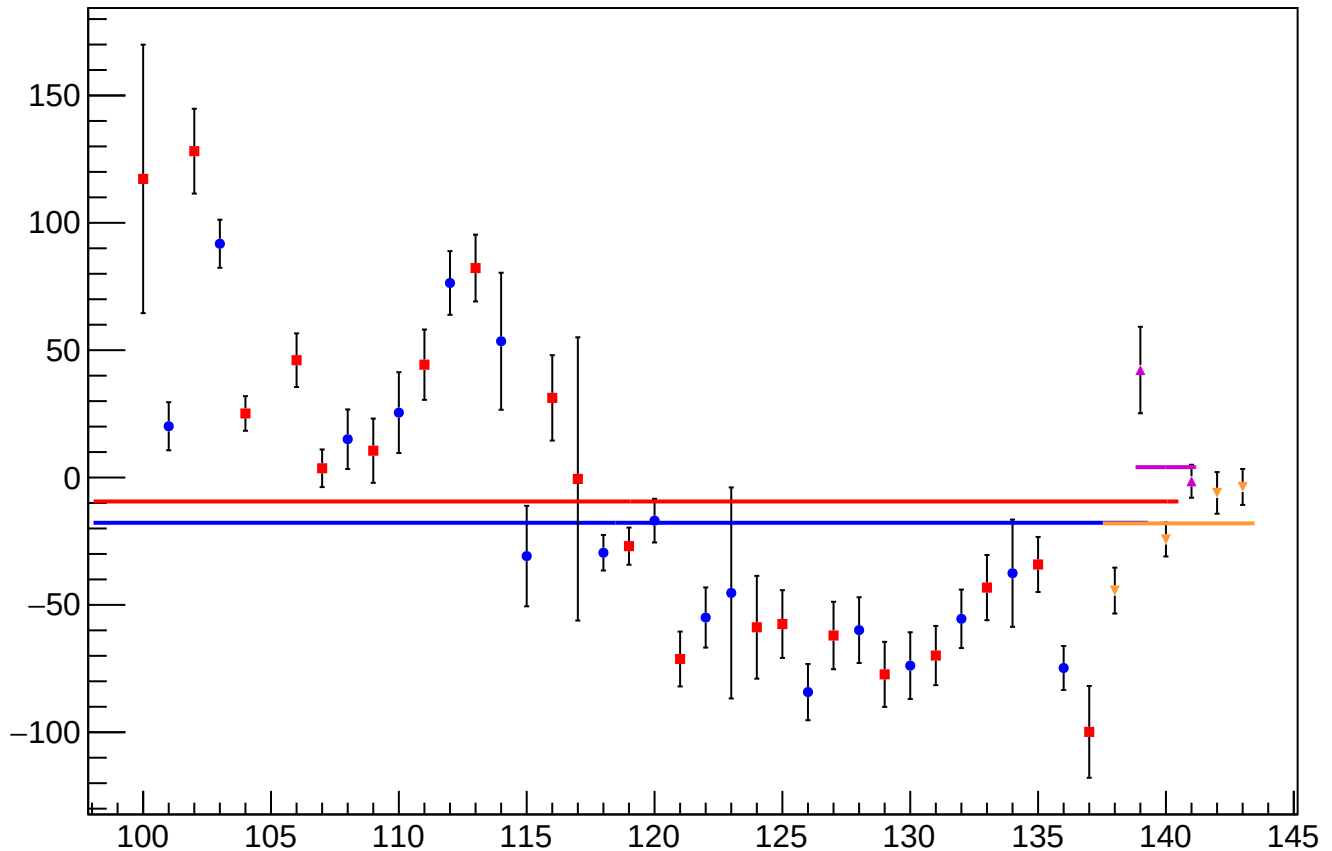
Right Out: -349.933+/-2.049 χ^2 /NDF: 0.0/19

Left In: -468.940+/-6.539 χ^2 /NDF:46.3/1

-358.124+/-2.022 χ^2 /NDF: 193.6/20

-360.579+/-1.956 χ^2 /NDF: 347.9/21

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: -17.991 ± 3.786 $\chi^2/\text{NDF}: 15.7/3$

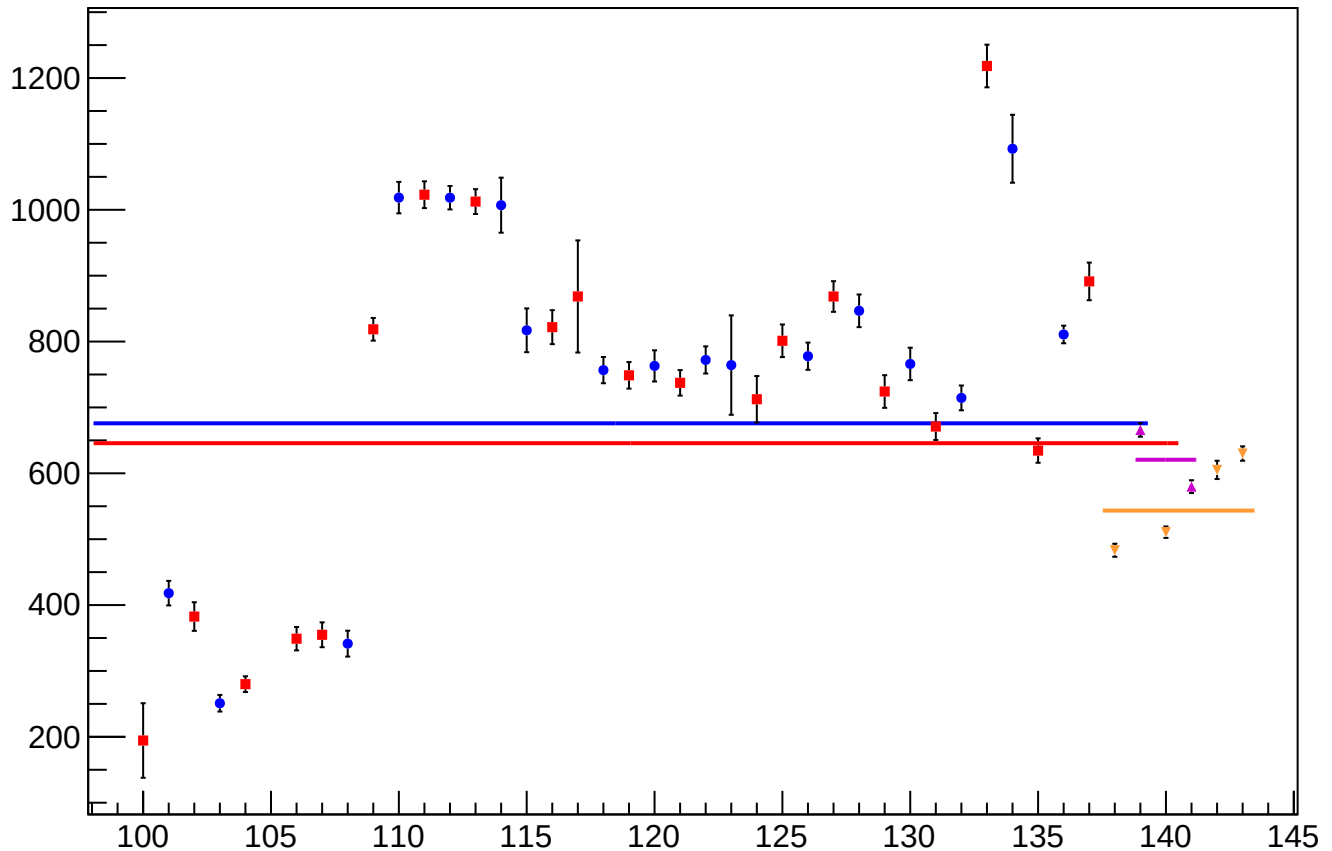
Right Out: -9.397 ± 2.610 $\chi^2/\text{NDF}: 369.6/19$

Left In: 4.083 ± 6.053 $\chi^2/\text{NDF}: 5.8/1$

-17.844 ± 2.242 $\chi^2/\text{NDF}: 379.6/20$

-7.283 ± 2.397 $\chi^2/\text{NDF}: 379.6/21$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 $\pm$ 5.037 χ^2/NDF : 2586.4/16

Left Out: 543.446 $\pm$ 5.208 χ^2/NDF :133.3/3

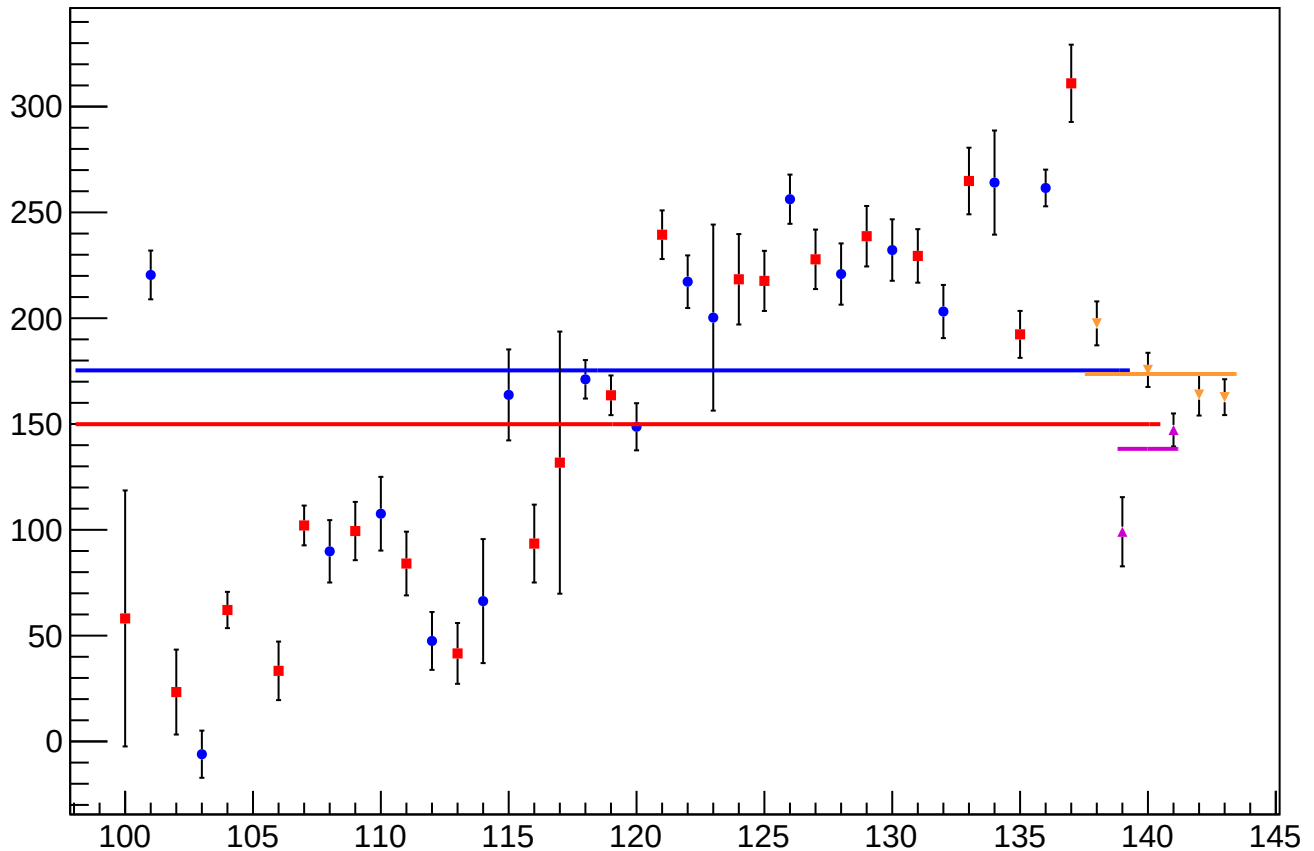
Right Out: 645.711 $\pm$ 4.753 χ^2/NDF : 3130.1/19

Left In: 620.599 $\pm$ 7.011 χ^2/NDF :37.5/1

611.861 $\pm$ 3.620 χ^2/NDF : 3053.8/20

637.803 $\pm$ 3.934 χ^2/NDF : 3176.4/21

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 173.647 $\pm$ 4.532 χ^2 /NDF: 8.0/3

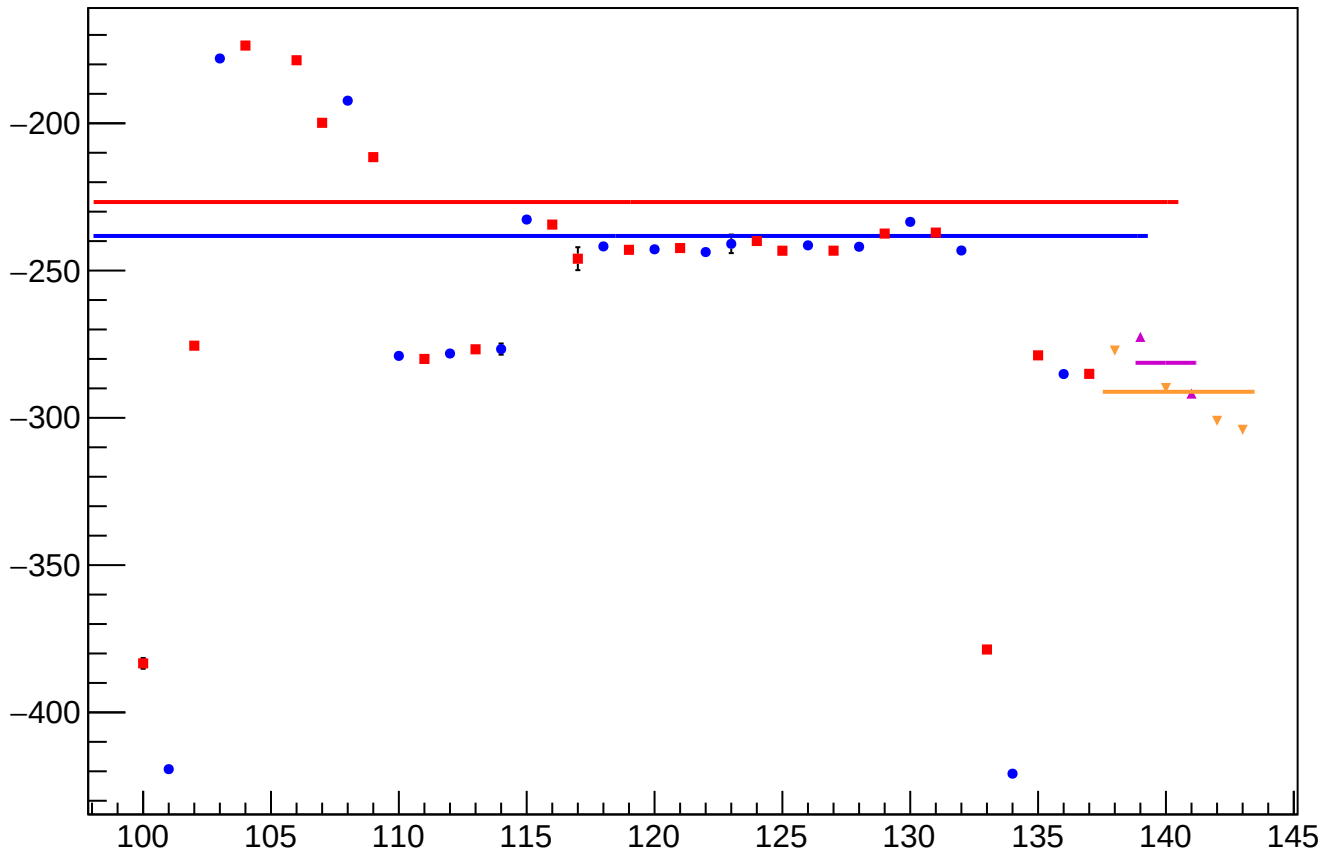
Right Out: 149.923 $\pm$ 3.041 χ^2 /NDF: 693.2/19

Left In: 138.264 $\pm$ 7.042 χ^2 /NDF: 7.0/1

174.777 $\pm$ 2.616 χ^2 /NDF: 646.5/20

148.090 $\pm$ 2.792 χ^2 /NDF: 702.6/21

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -291.155+/-0.215 χ^2/NDF : 2436.0/3

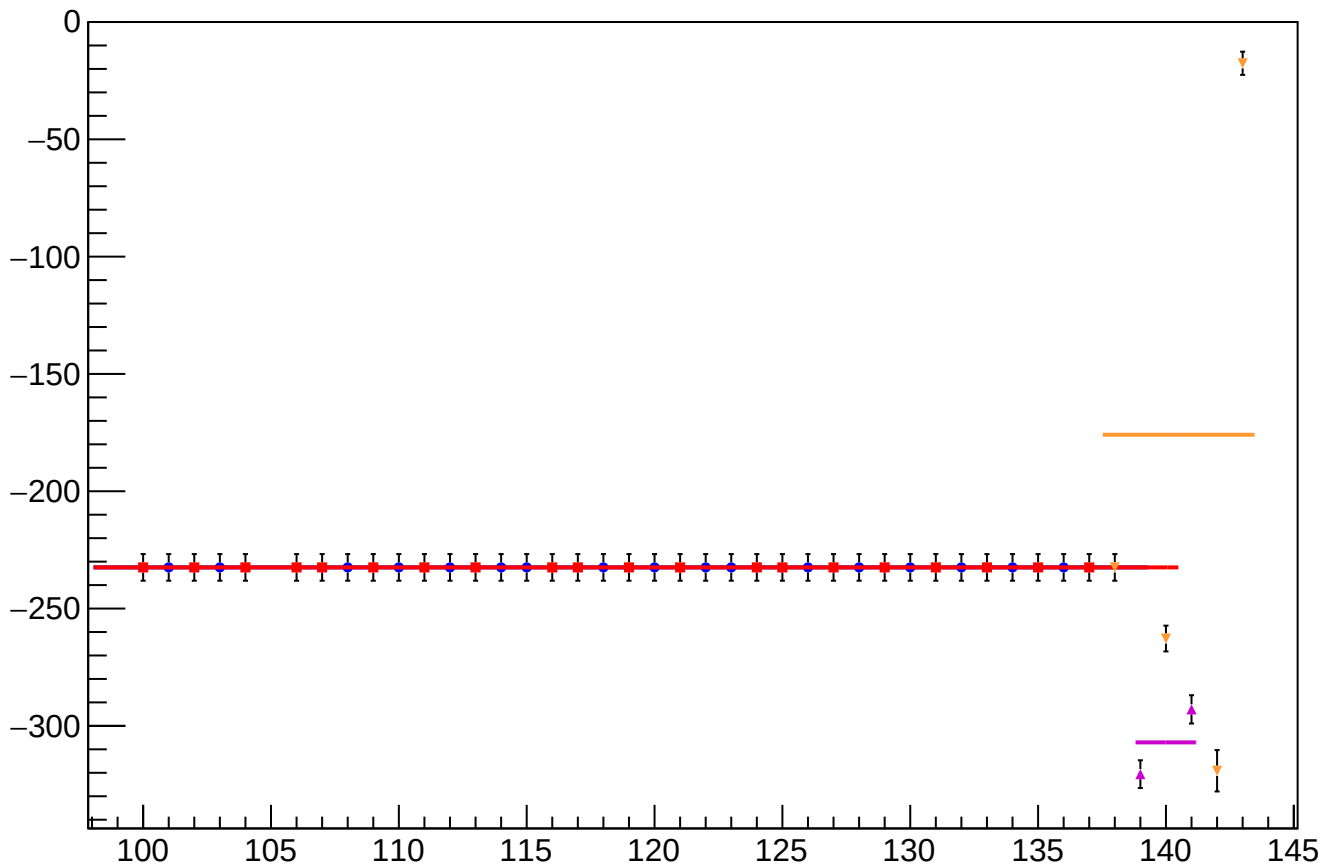
Right Out: -226.735+/-0.151 χ^2/NDF : 102855.7/19

Left In: -281.315+/-0.265 χ^2/NDF : 1308.6/1

-257.112+/-0.128 χ^2/NDF : 208584.8/20

-240.114+/-0.131 χ^2/NDF : 136196.2/21

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -232.456+/-1.378 χ^2/NDF : 0.0/16

Left Out: -175.921+/-2.913 χ^2/NDF :1637.1/3

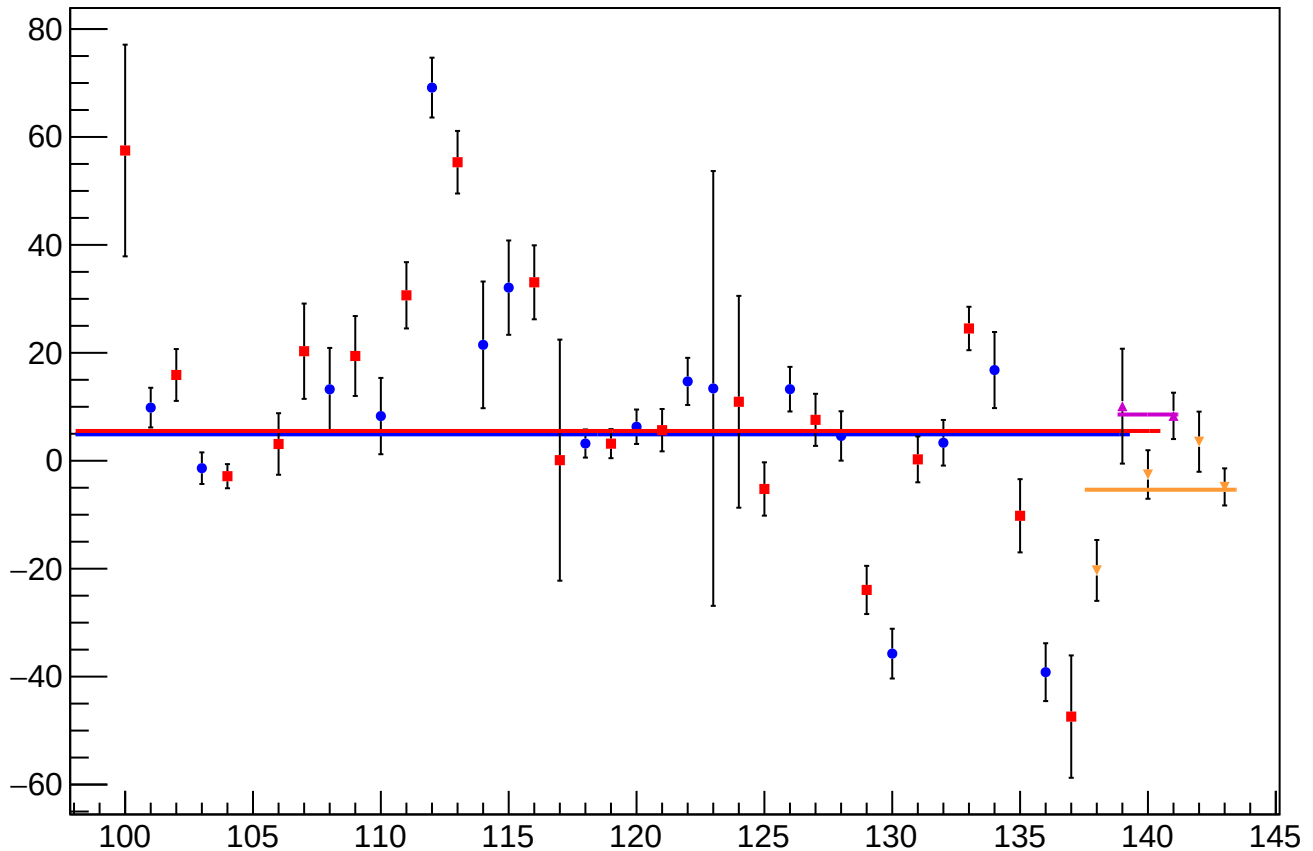
Right Out: -232.456+/-1.270 χ^2/NDF : 0.0/19

Left In: -307.040+/-4.223 χ^2/NDF :10.7/1

-222.122+/-1.245 χ^2/NDF : 1944.9/20

-238.643+/-1.216 χ^2/NDF : 296.7/21

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: -5.366 ± 2.249 χ^2/NDF : 10.0/3

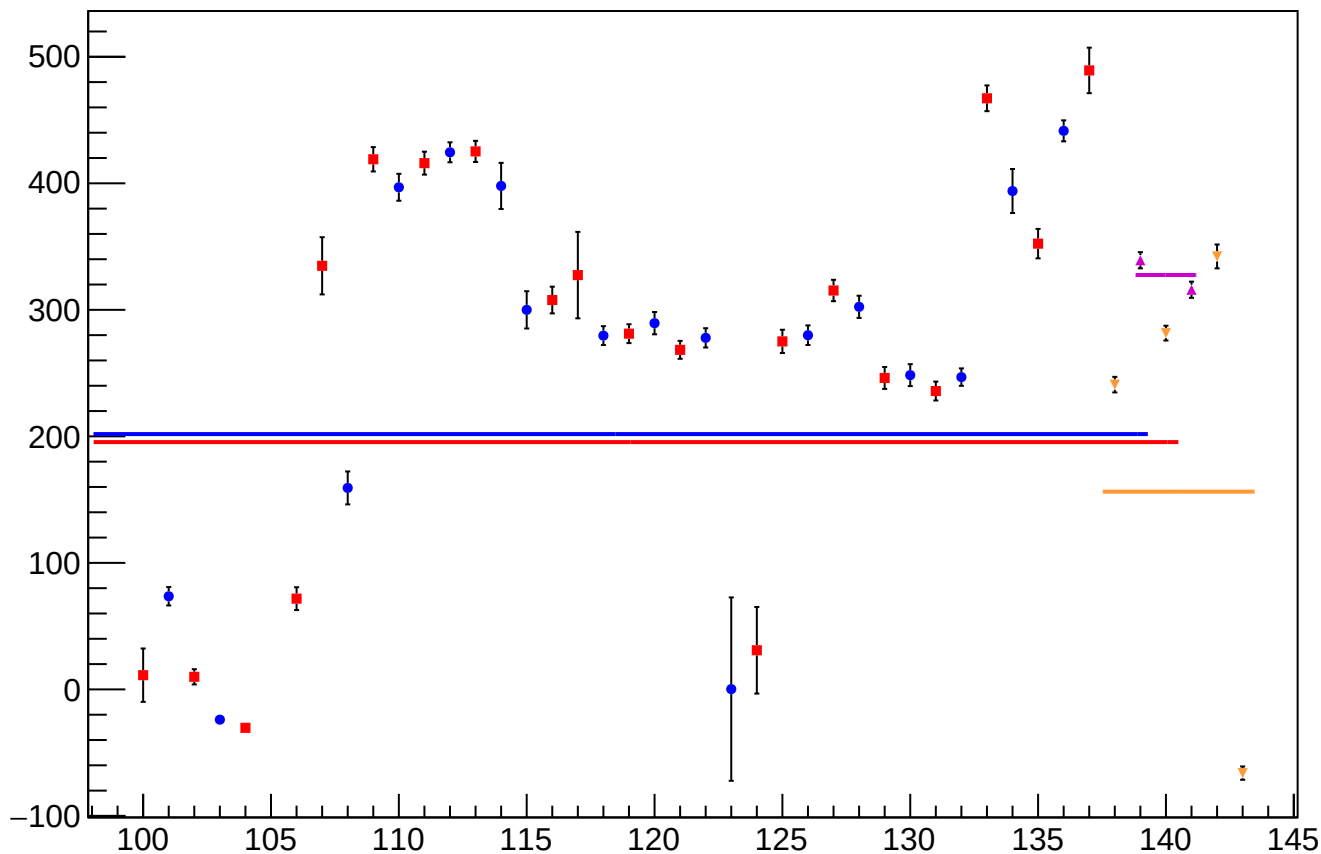
Right Out: 5.522 ± 1.070 χ^2/NDF : 239.2/19

Left In: 8.569 ± 3.984 χ^2/NDF : 0.0/1

2.947 ± 0.980 χ^2/NDF : 338.8/20

5.727 ± 1.033 χ^2/NDF : 239.8/21

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 156.307 $\pm$ 3.121 χ^2 /NDF:2810.1/3

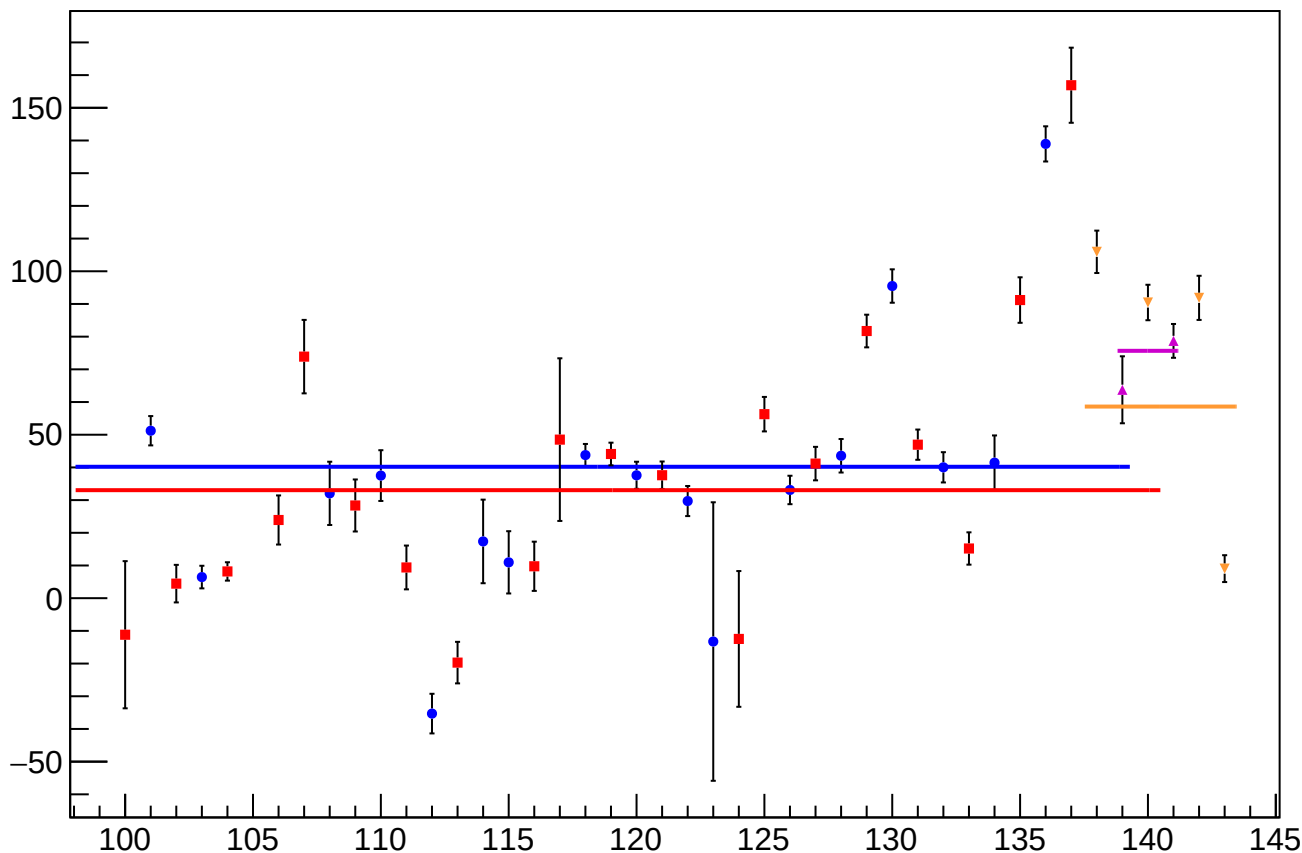
Right Out: 195.472 $\pm$ 1.921 χ^2 /NDF: 8272.1/19

Left In: 327.542 $\pm$ 4.532 χ^2 /NDF:6.6/1

188.839 $\pm$ 1.666 χ^2 /NDF: 9716.3/20

215.594 $\pm$ 1.769 χ^2 /NDF: 8998.5/21

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 ± 1.268 χ^2/NDF : 735.0/16

Left Out: 58.613 ± 2.683 χ^2/NDF : 257.6/3

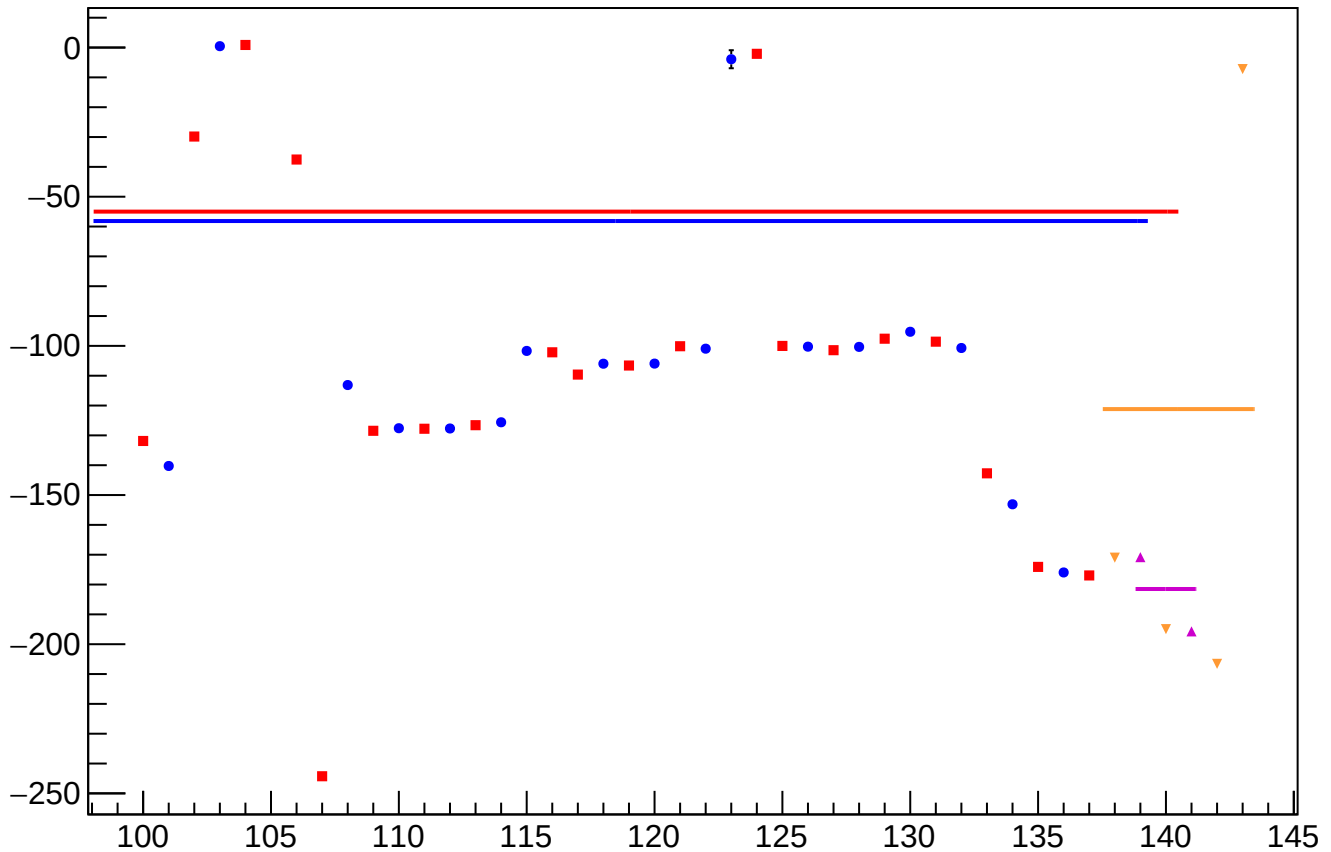
Right Out: 33.038 ± 1.251 χ^2/NDF : 554.5/19

Left In: 75.664 ± 4.618 χ^2/NDF : 1.7/1

43.557 ± 1.146 χ^2/NDF : 1031.1/20

35.952 ± 1.207 χ^2/NDF : 635.5/21

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Left Out: -121.188+/-0.128 χ^2/NDF : 466648.1/3

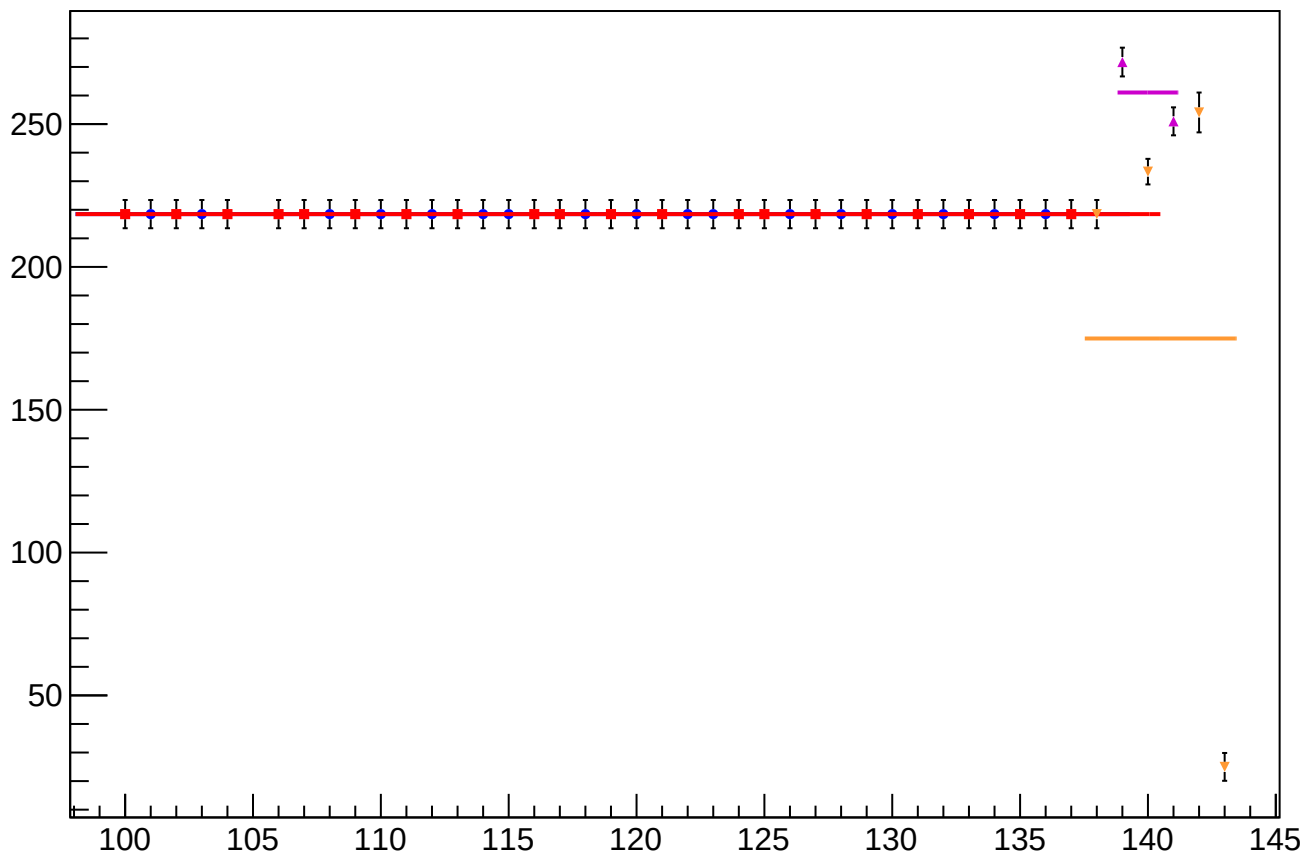
Right Out: -54.995+/-0.060 χ^2/NDF : 1005108.5/19

Left In: -181.493+/-0.170 χ^2/NDF : 5232.4/1

-70.062+/-0.055 χ^2/NDF : 1770110.5/20

-69.044+/-0.057 χ^2/NDF : 1501089.2/21

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 218.484 $\pm$ 1.199 χ^2 /NDF: 0.0/16

Left Out: 174.944 $\pm$ 2.552 χ^2 /NDF:1324.8/3

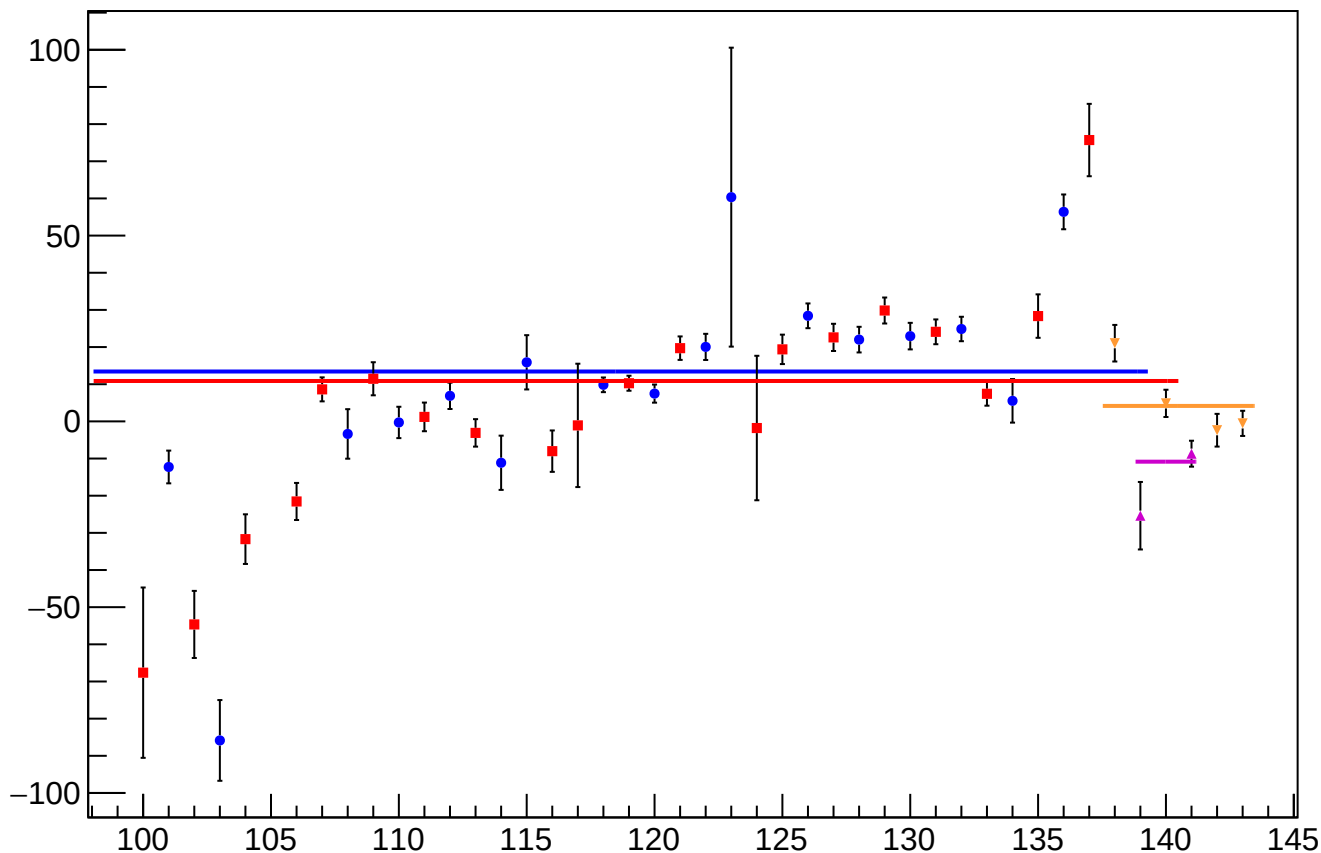
Right Out: 218.484 $\pm$ 1.105 χ^2 /NDF: 0.0/19

Left In: 261.055 $\pm$ 3.510 χ^2 /NDF:8.7/1

210.612 $\pm$ 1.085 χ^2 /NDF: 1563.2/20

222.325 $\pm$ 1.054 χ^2 /NDF: 142.5/21

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423 ± 0.920 $\chi^2/\text{NDF}: 295.2/16$

Left Out: 4.161 ± 1.982 $\chi^2/\text{NDF}: 15.9/3$

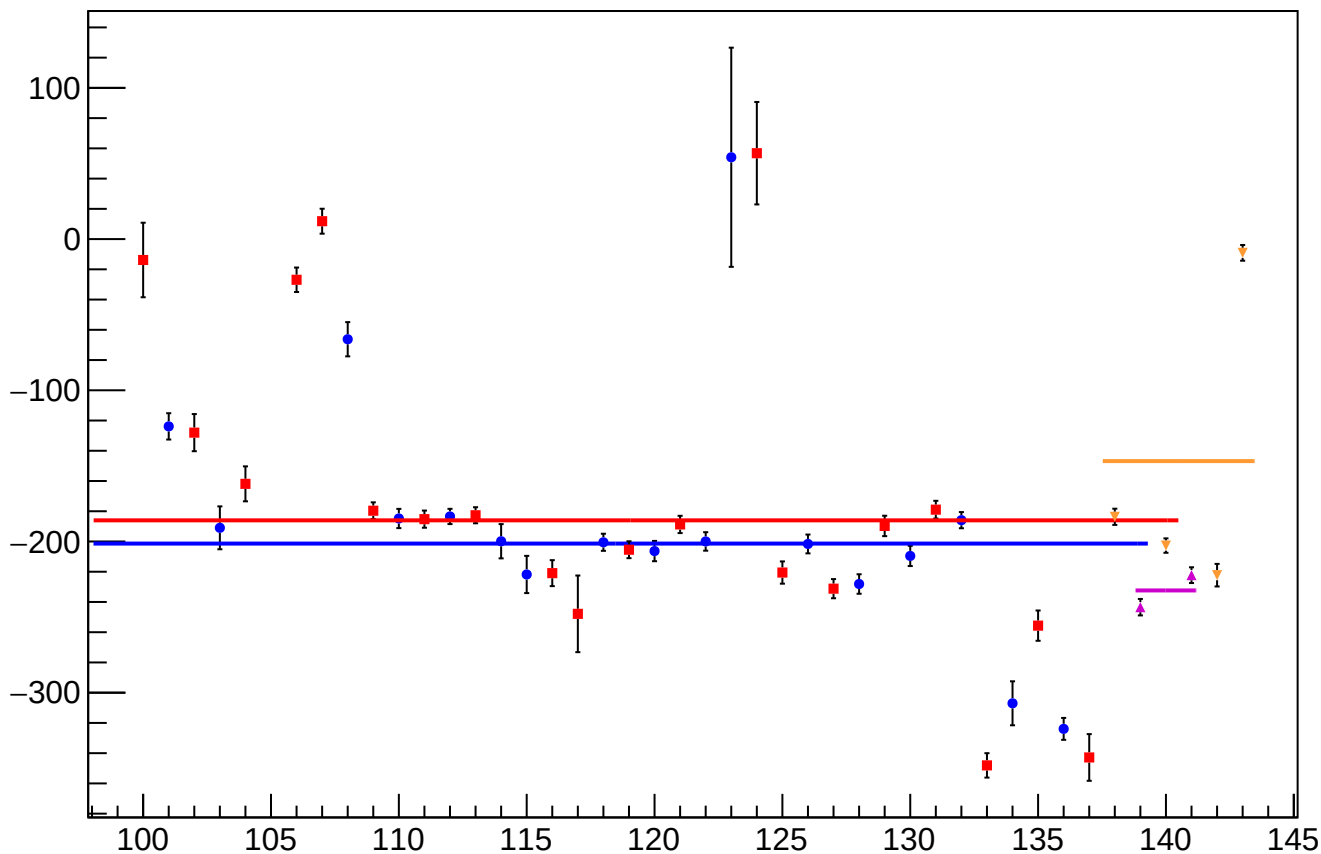
Right Out: 10.871 ± 0.915 $\chi^2/\text{NDF}: 303.1/19$

Left In: -10.844 ± 3.258 $\chi^2/\text{NDF}: 2.9/1$

11.783 ± 0.834 $\chi^2/\text{NDF}: 329.1/20$

9.285 ± 0.881 $\chi^2/\text{NDF}: 347.2/21$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -146.832 ± 2.734 χ^2/NDF : 988.5/3

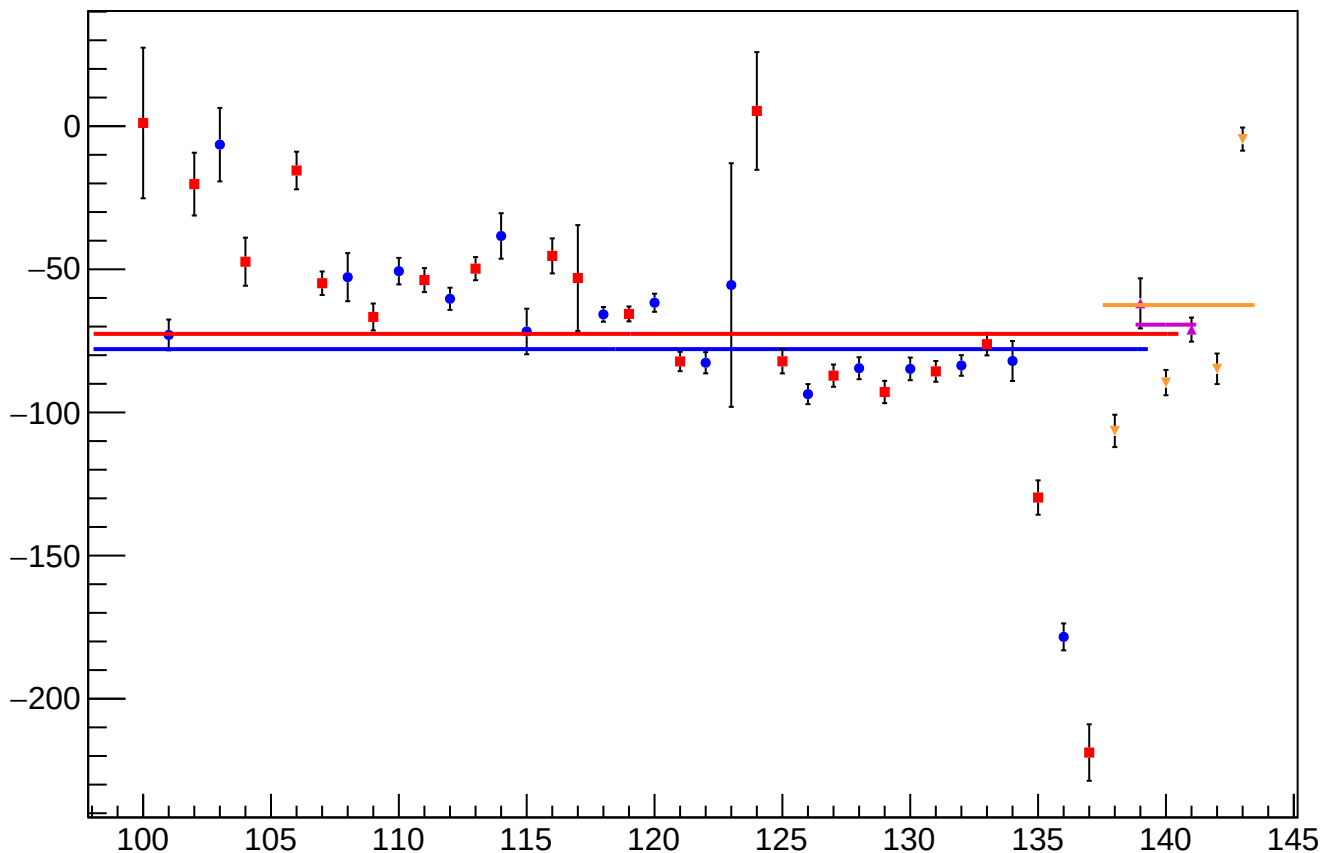
Right Out: -186.017 ± 1.696 χ^2/NDF : 1755.3/19

Left In: -232.377 ± 3.764 χ^2/NDF : 7.9/1

-185.154 ± 1.491 χ^2/NDF : 1891.5/20

-193.841 ± 1.547 χ^2/NDF : 1889.2/21

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -62.490 ± 2.366 $\chi^2/\text{NDF}: 320.8/3$

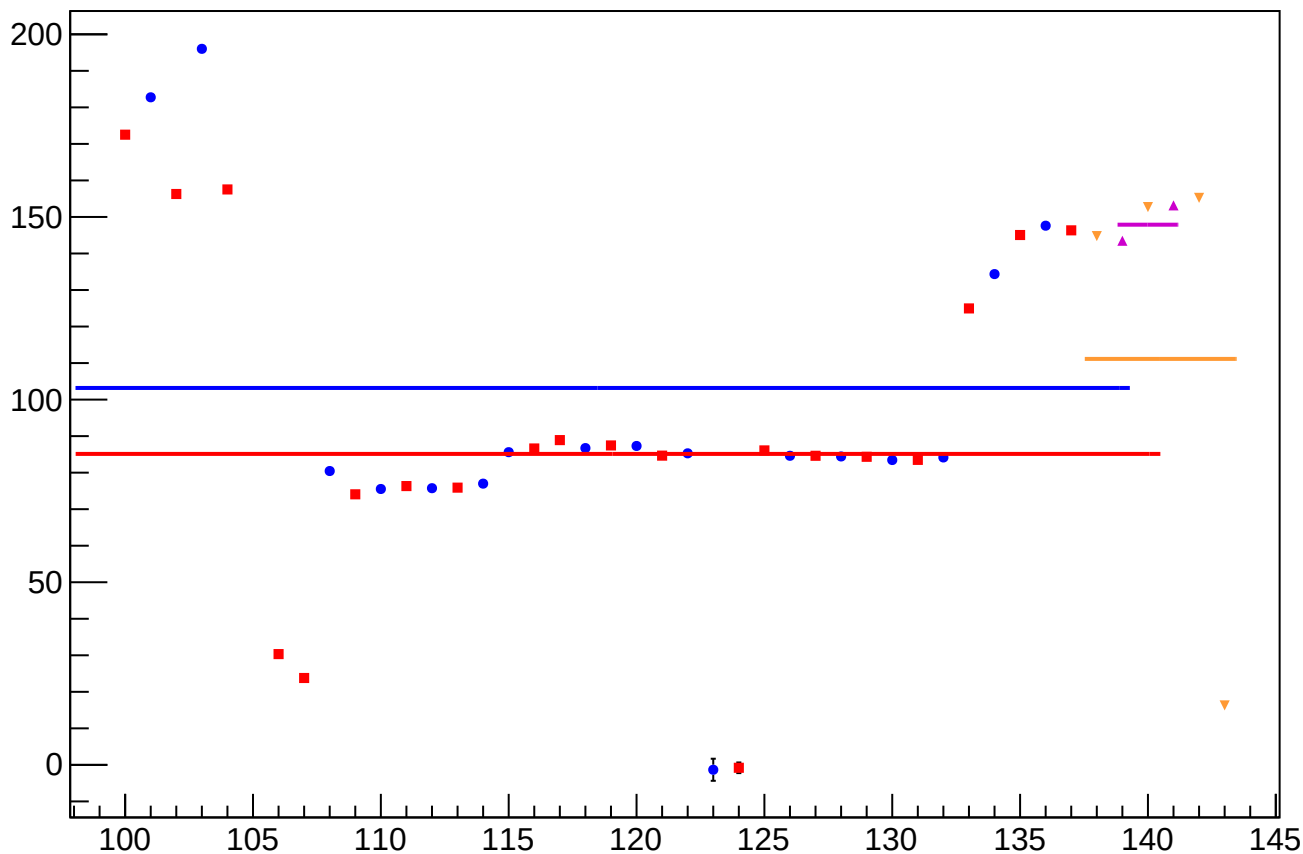
Right Out: -72.548 ± 1.052 $\chi^2/\text{NDF}: 608.0/19$

Left In: -69.337 ± 3.788 $\chi^2/\text{NDF}: 0.9/1$

-75.282 ± 0.972 $\chi^2/\text{NDF}: 1014.1/20$

-72.318 ± 1.014 $\chi^2/\text{NDF}: 609.6/21$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 111.140 $\pm$ 0.112 χ^2 /NDF: 294656.4/3

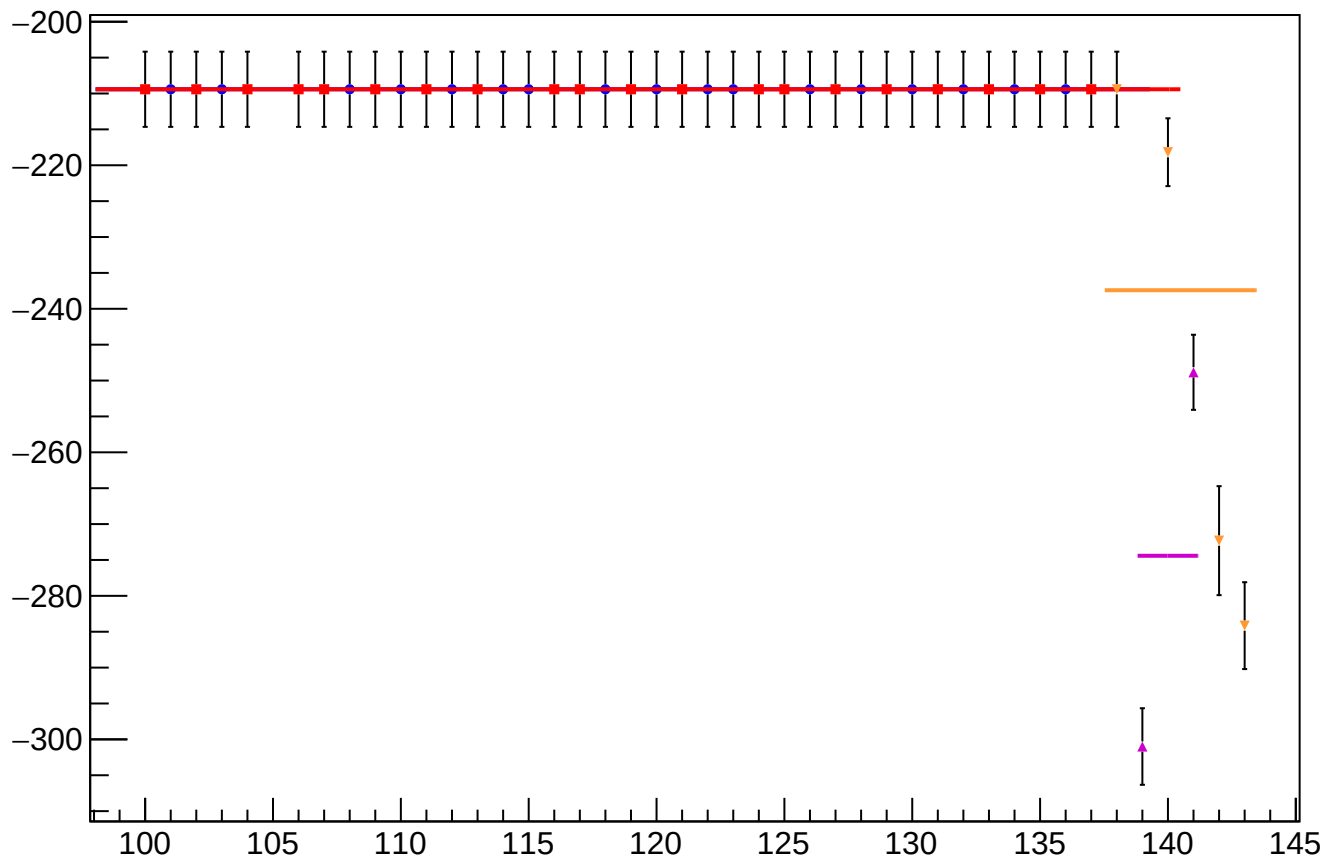
Right Out: 85.132 $\pm$ 0.064 χ^2 /NDF: 423532.0/19

Left In: 147.884 $\pm$ 0.142 χ^2 /NDF: 1150.6/1

105.433 $\pm$ 0.060 χ^2 /NDF: 571852.0/20

95.614 $\pm$ 0.058 χ^2 /NDF: 587144.6/21

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -209.411+/-1.271 χ^2 /NDF: 0.0/16

Left Out: -237.415+/-2.819 χ^2 /NDF:125.9/3

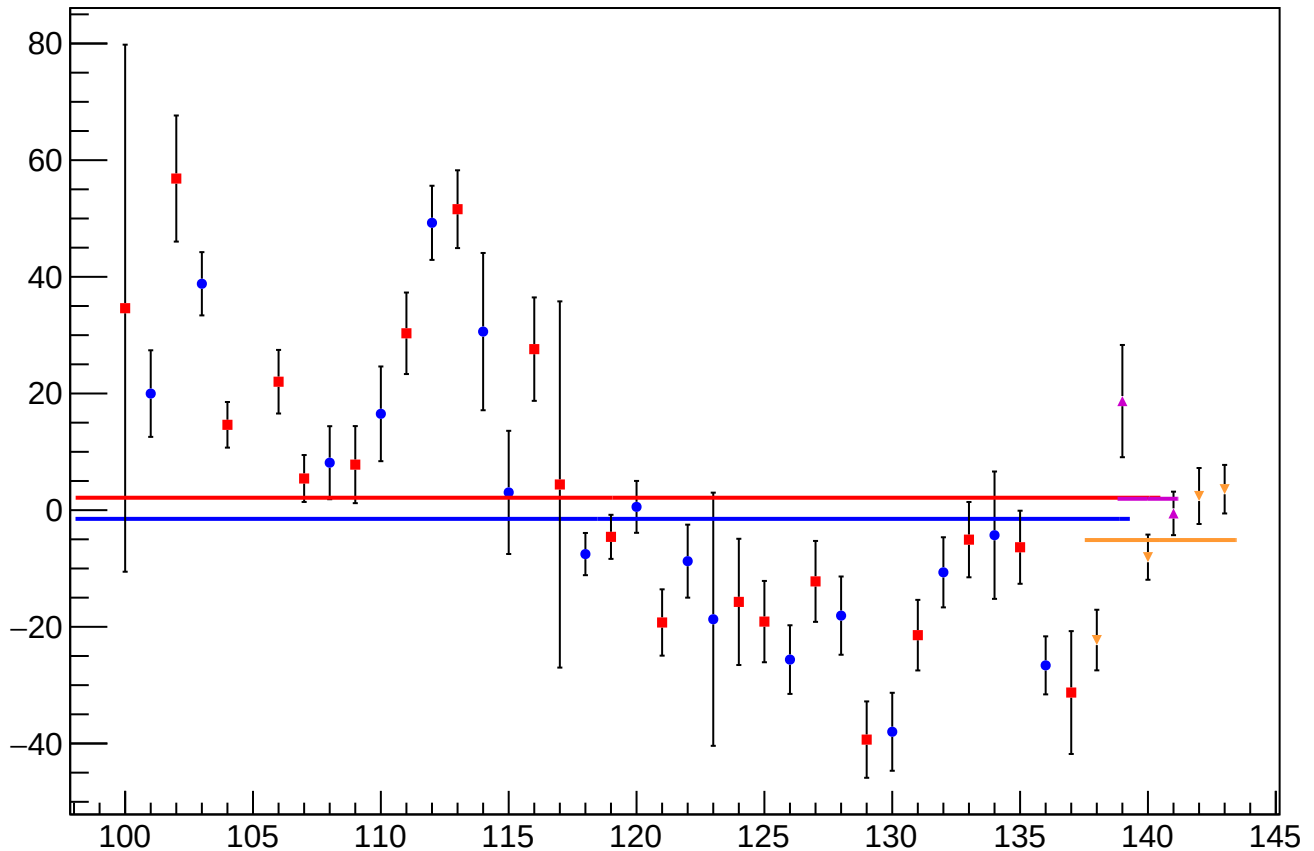
Right Out: -209.411+/-1.172 χ^2 /NDF: 0.0/19

Left In: -274.416+/-3.735 χ^2 /NDF:48.7/1

-214.141+/-1.158 χ^2 /NDF: 207.9/20

-215.234+/-1.118 χ^2 /NDF: 324.5/21

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492+/-1.513 χ^2/NDF : 226.1/16

Left Out: -5.123+/-2.209 χ^2/NDF : 18.3/3

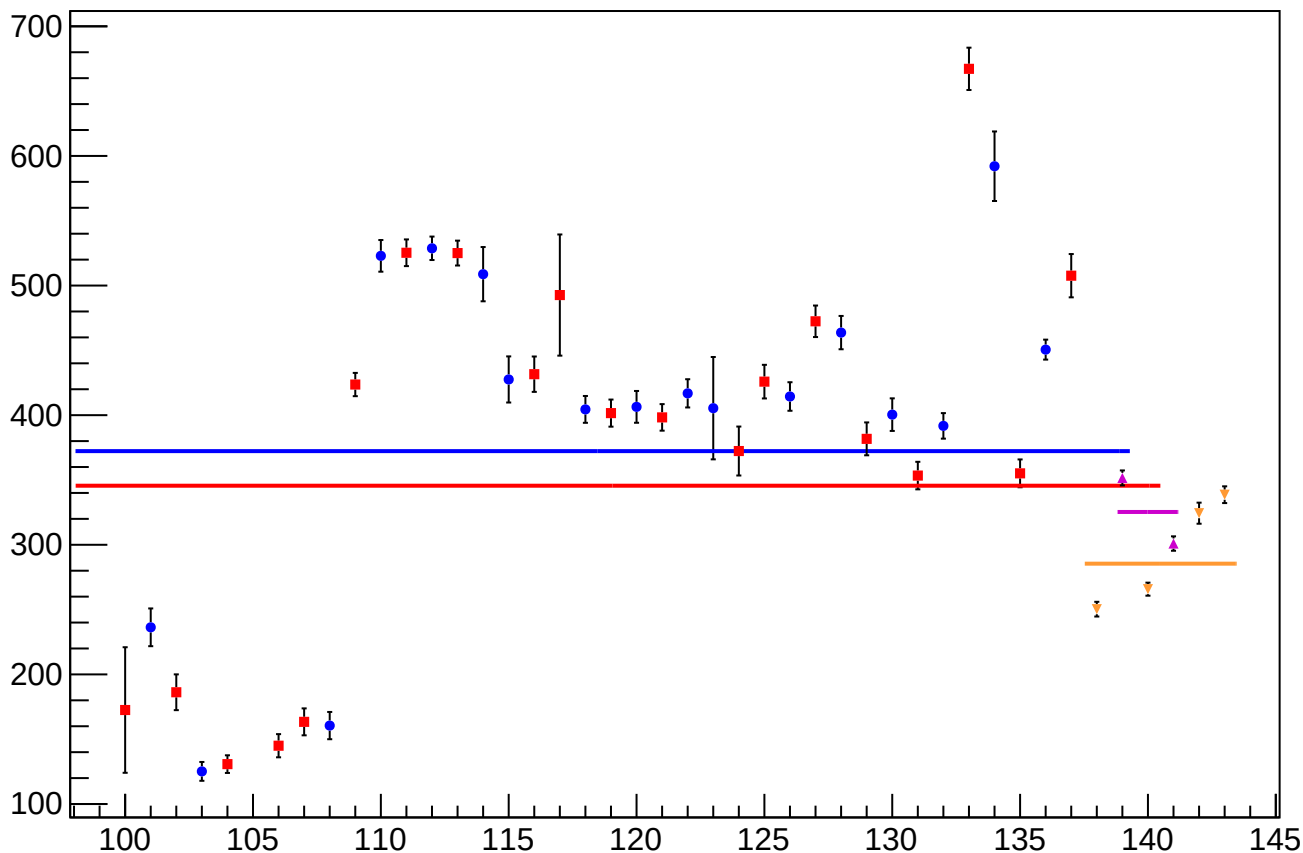
Right Out: 2.131+/-1.401 χ^2/NDF : 232.6/19

Left In: 1.955+/-3.476 χ^2/NDF : 3.5/1

-2.652+/-1.248 χ^2/NDF : 246.3/20

2.106+/-1.299 χ^2/NDF : 236.1/21

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 ± 2.759 χ^2/NDF : 2433.1/16

Left Out: 285.432 ± 3.020 χ^2/NDF : 144.4/3

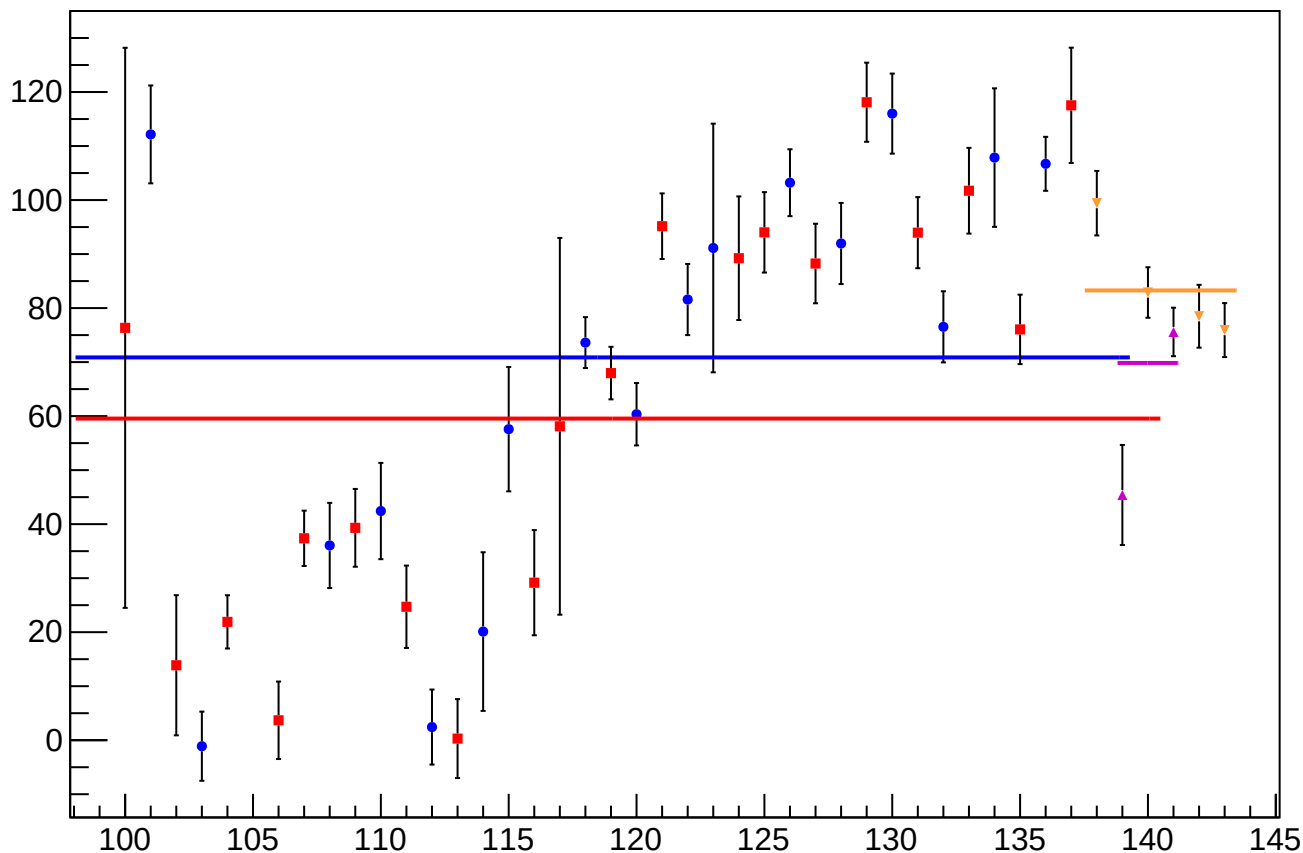
Right Out: 345.577 ± 2.558 χ^2/NDF : 3426.4/19

Left In: 325.318 ± 4.005 χ^2/NDF : 39.9/1

332.758 ± 2.037 χ^2/NDF : 3028.0/20

339.707 ± 2.156 χ^2/NDF : 3484.5/21

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 83.268 $\pm$ 2.641 χ^2 /NDF:10.2/3

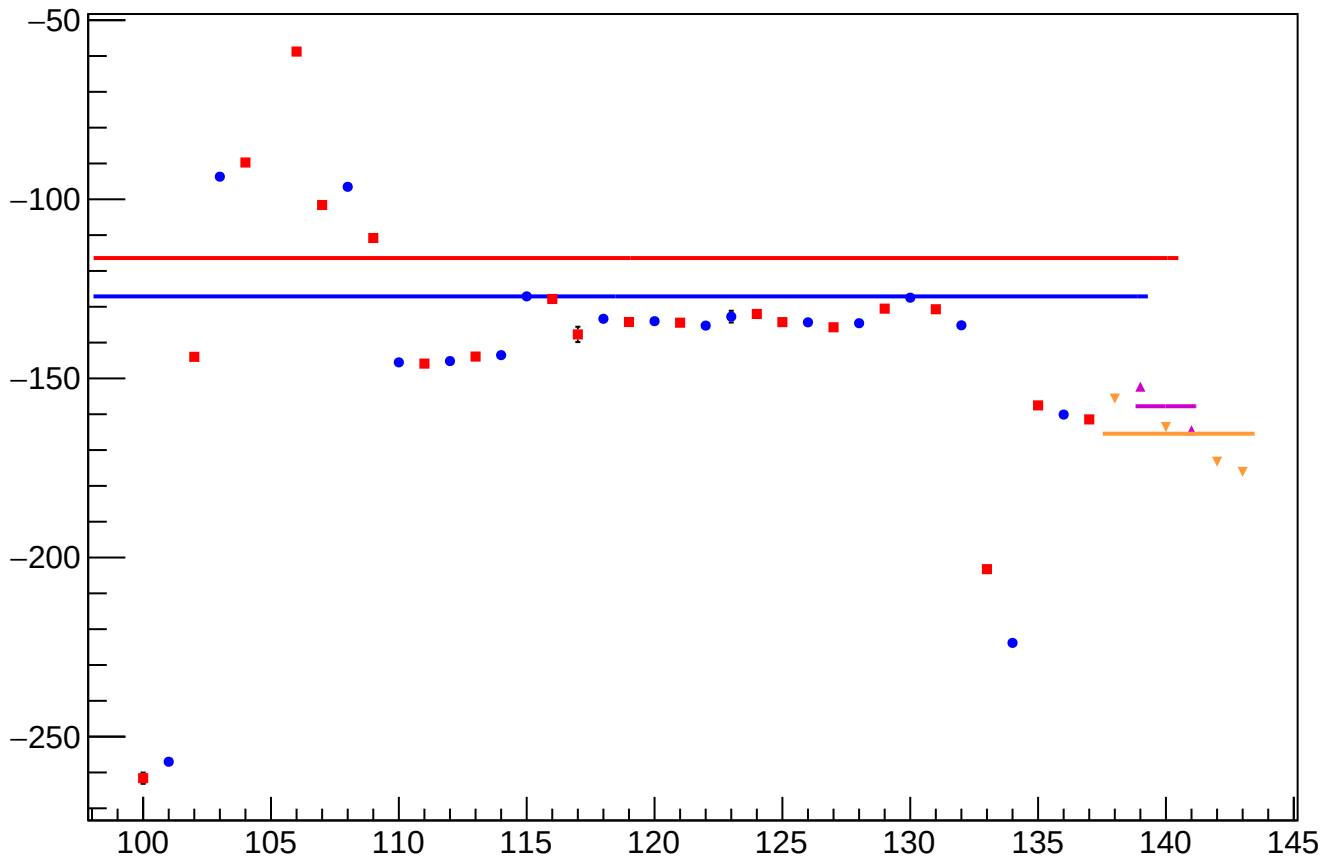
Right Out: 59.543 $\pm$ 1.631 χ^2 /NDF: 490.9/19

Left In: 69.842 $\pm$ 4.039 χ^2 /NDF:8.6/1

74.629 $\pm$ 1.455 χ^2 /NDF: 452.5/20

60.987 $\pm$ 1.513 χ^2 /NDF: 505.1/21

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -165.437+/-0.125 χ^2/NDF : 4218.8/3

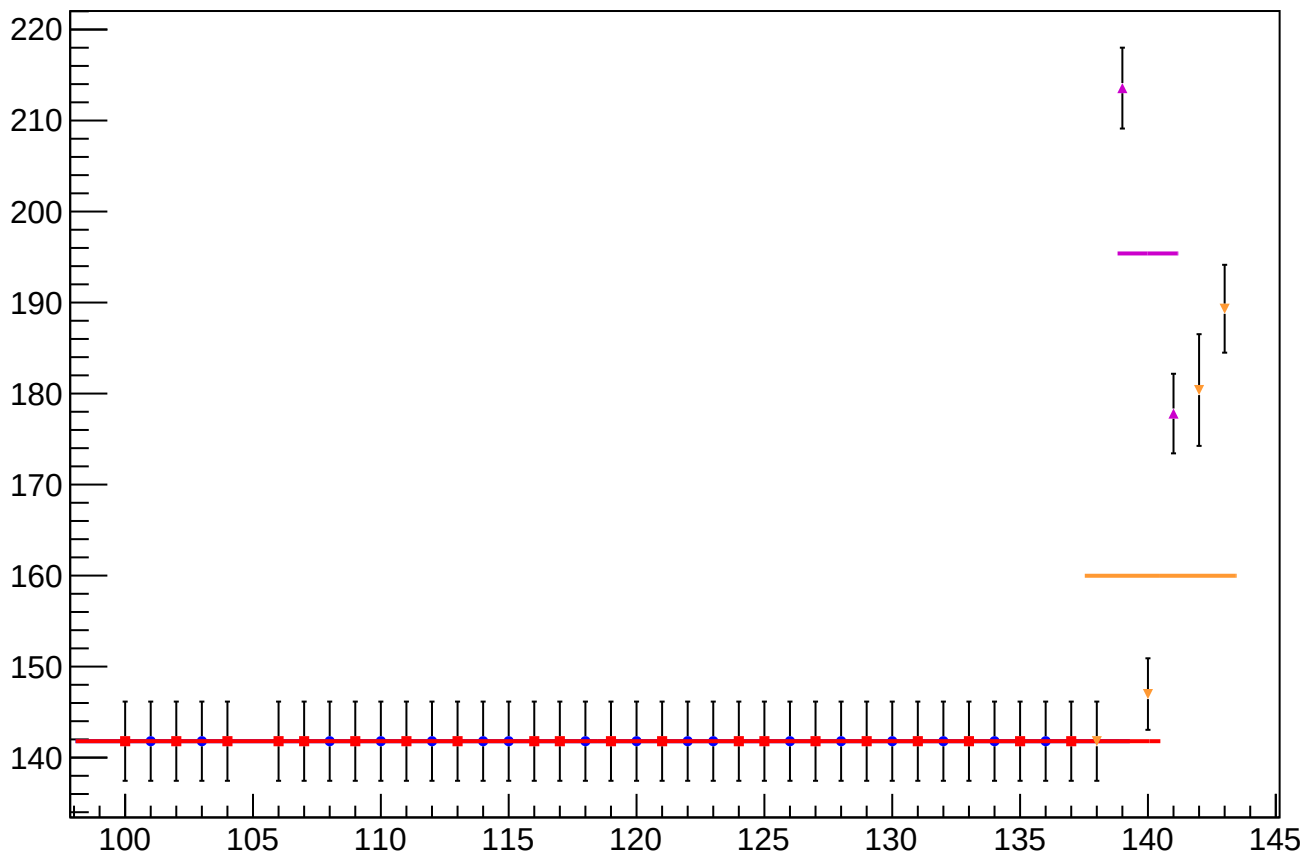
Right Out: -116.401+/-0.083 χ^2/NDF : 167694.5/19

Left In: -157.770+/-0.151 χ^2/NDF : 1604.2/1

-140.147+/-0.073 χ^2/NDF : 233791.3/20

-125.966+/-0.073 χ^2/NDF : 226929.1/21

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 141.803 $\pm$ 1.055 χ^2 /NDF: 0.0/16

Left Out: 159.981 $\pm$ 2.312 χ^2 /NDF: 76.4/3

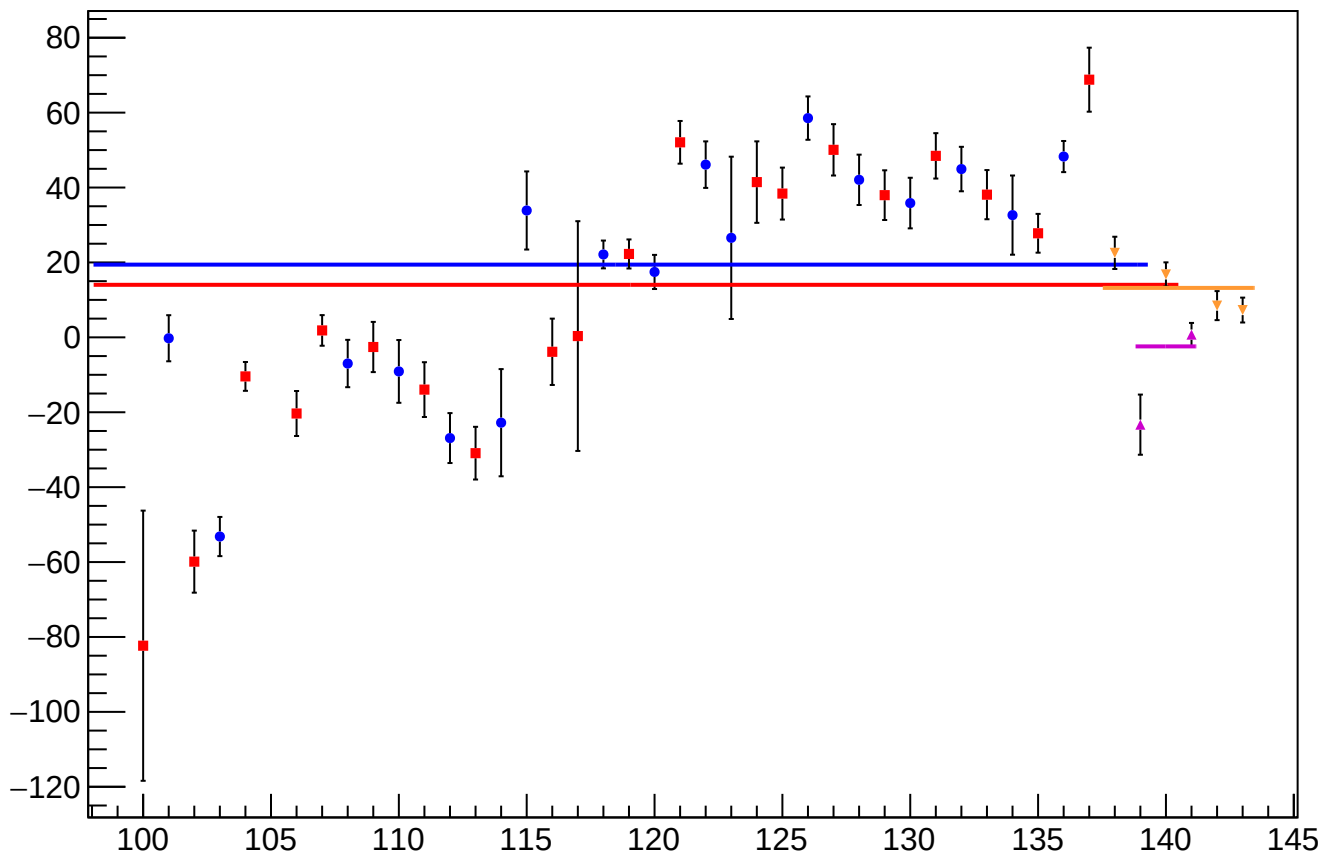
Right Out: 141.803 $\pm$ 0.973 χ^2 /NDF: 0.0/19

Left In: 195.394 $\pm$ 3.116 χ^2 /NDF: 32.9/1

144.937 $\pm$ 0.960 χ^2 /NDF: 127.5/20

146.563 $\pm$ 0.929 χ^2 /NDF: 302.3/21

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 $\pm$ 1.480 χ^2 /NDF: 441.1/16

Left Out: 13.202 $\pm$ 1.804 χ^2 /NDF:10.6/3

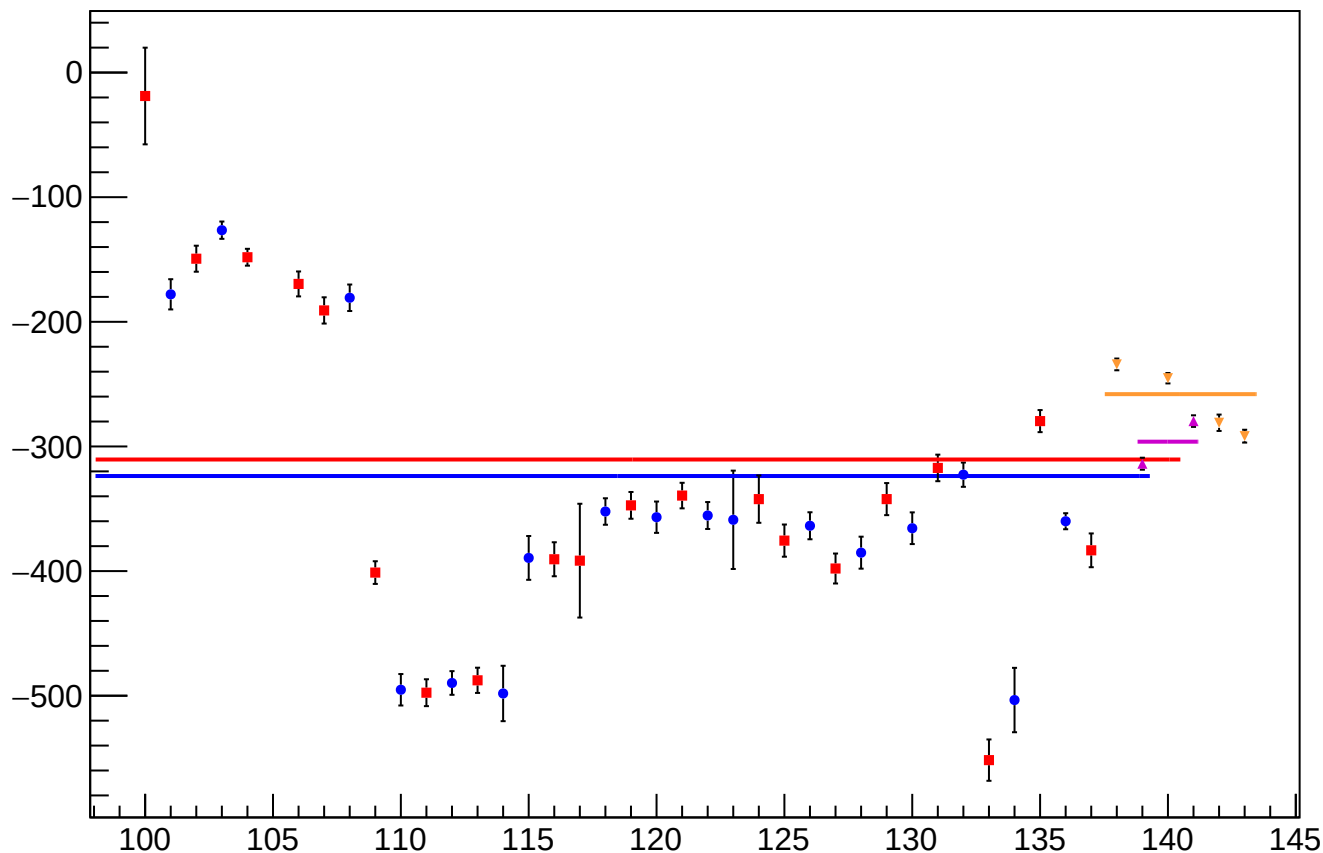
Right Out: 14.027 $\pm$ 1.391 χ^2 /NDF: 436.7/19

Left In: -2.416 $\pm$ 2.906 χ^2 /NDF:7.8/1

16.916 $\pm$ 1.144 χ^2 /NDF: 458.8/20

10.964 $\pm$ 1.254 χ^2 /NDF: 470.6/21

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721+/-2.668 χ^2/NDF : 1850.8/16

Left Out: -258.032+/-2.478 χ^2/NDF : 90.0/3

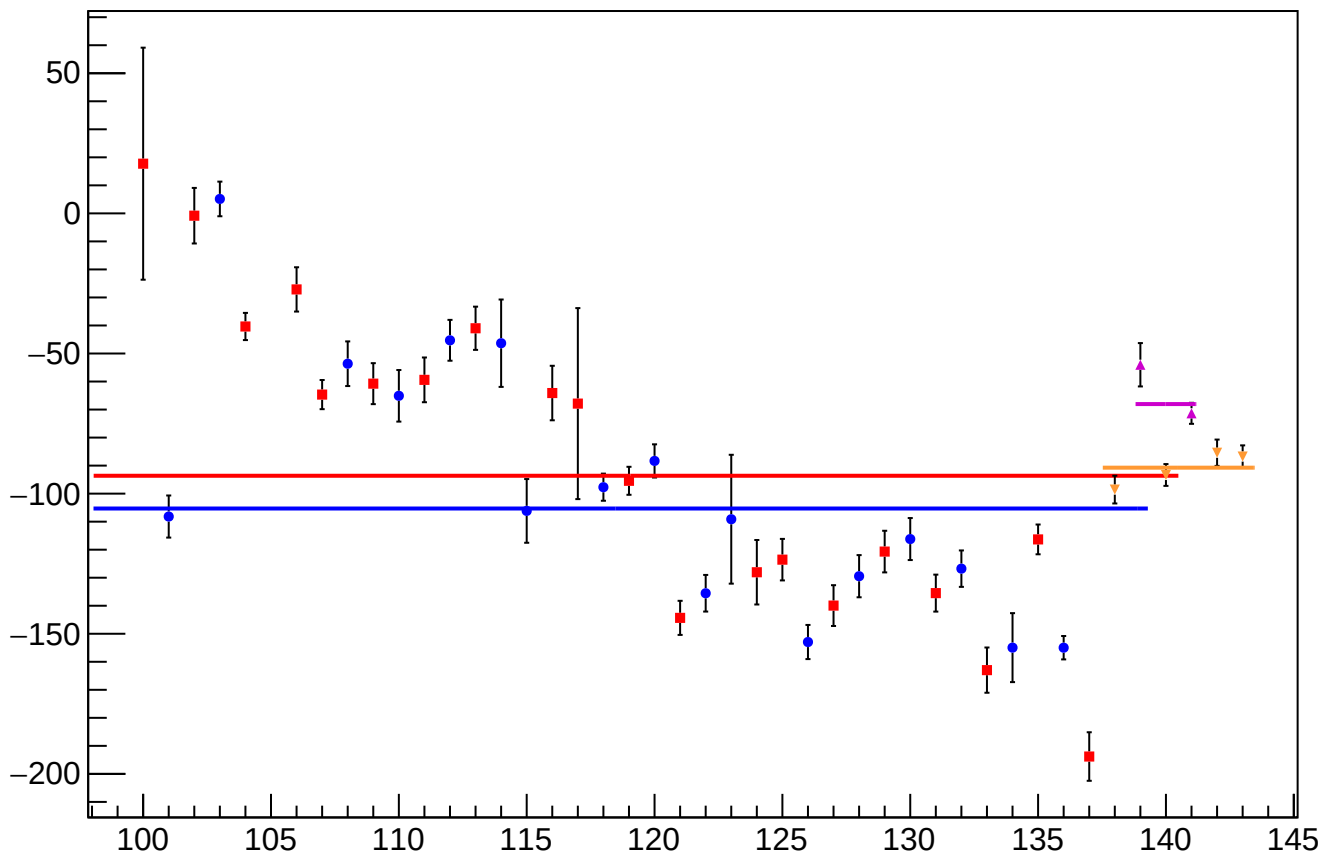
Right Out: -310.471+/-2.519 χ^2/NDF : 2303.1/19

Left In: -296.170+/-3.342 χ^2/NDF : 26.1/1

-288.449+/-1.816 χ^2/NDF : 2266.2/20

-305.290+/-2.012 χ^2/NDF : 2340.9/21

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 $\chi^2/\text{NDF}: 737.5/16$

Left Out: -90.736 ± 2.157 $\chi^2/\text{NDF}: 5.2/3$

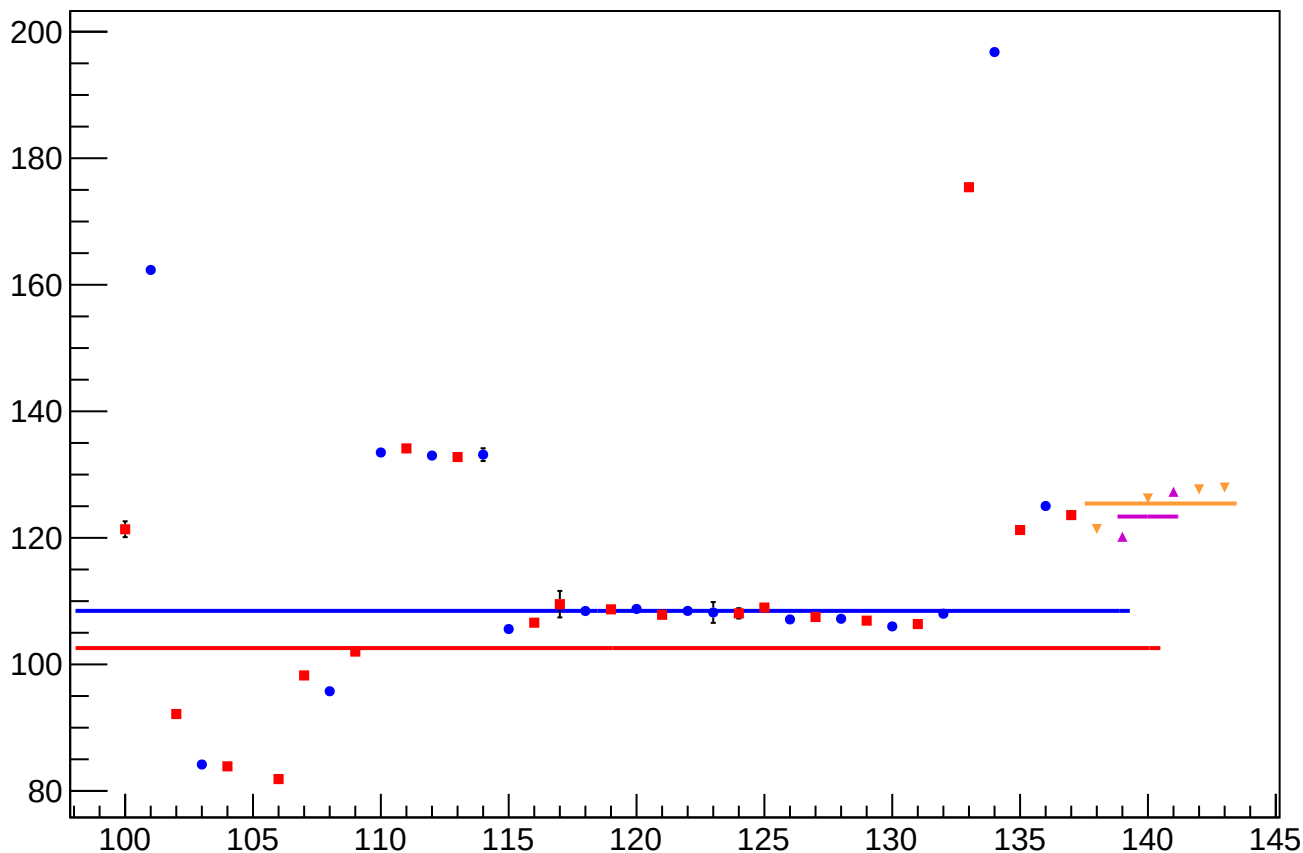
Right Out: -93.622 ± 1.610 $\chi^2/\text{NDF}: 827.1/19$

Left In: -68.041 ± 3.376 $\chi^2/\text{NDF}: 4.1/1$

-99.751 ± 1.332 $\chi^2/\text{NDF}: 771.0/20$

-88.884 ± 1.453 $\chi^2/\text{NDF}: 877.9/21$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 125.428+/-0.102 χ^2/NDF : 700.4/3

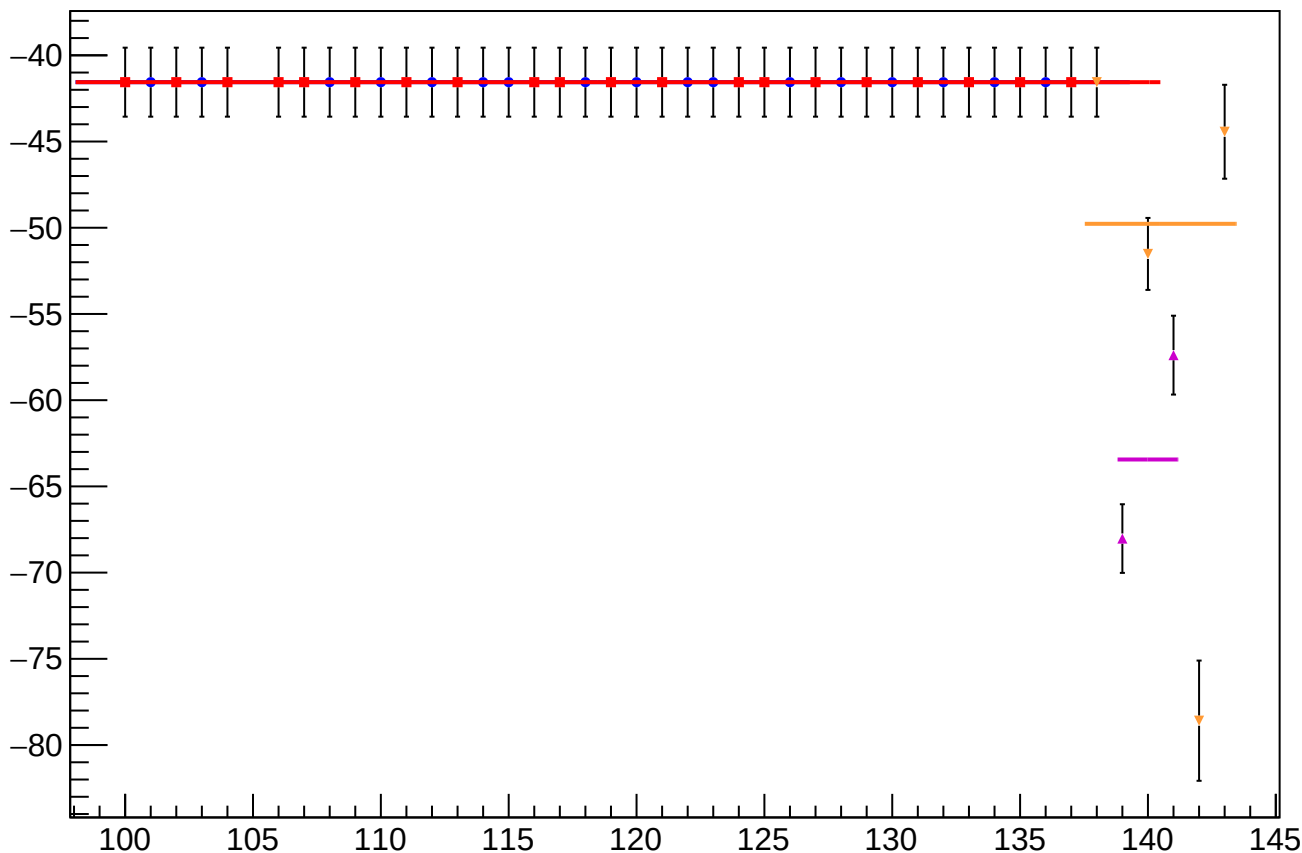
Right Out: 102.580+/-0.079 χ^2/NDF : 53154.7/19

Left In: 123.367+/-0.126 χ^2/NDF : 784.7/1

115.384+/-0.065 χ^2/NDF : 90368.6/20

108.477+/-0.067 χ^2/NDF : 73382.3/21

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -41.558 ± 0.485 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -49.772 ± 1.198 $\chi^2/\text{NDF}: 89.7/3$

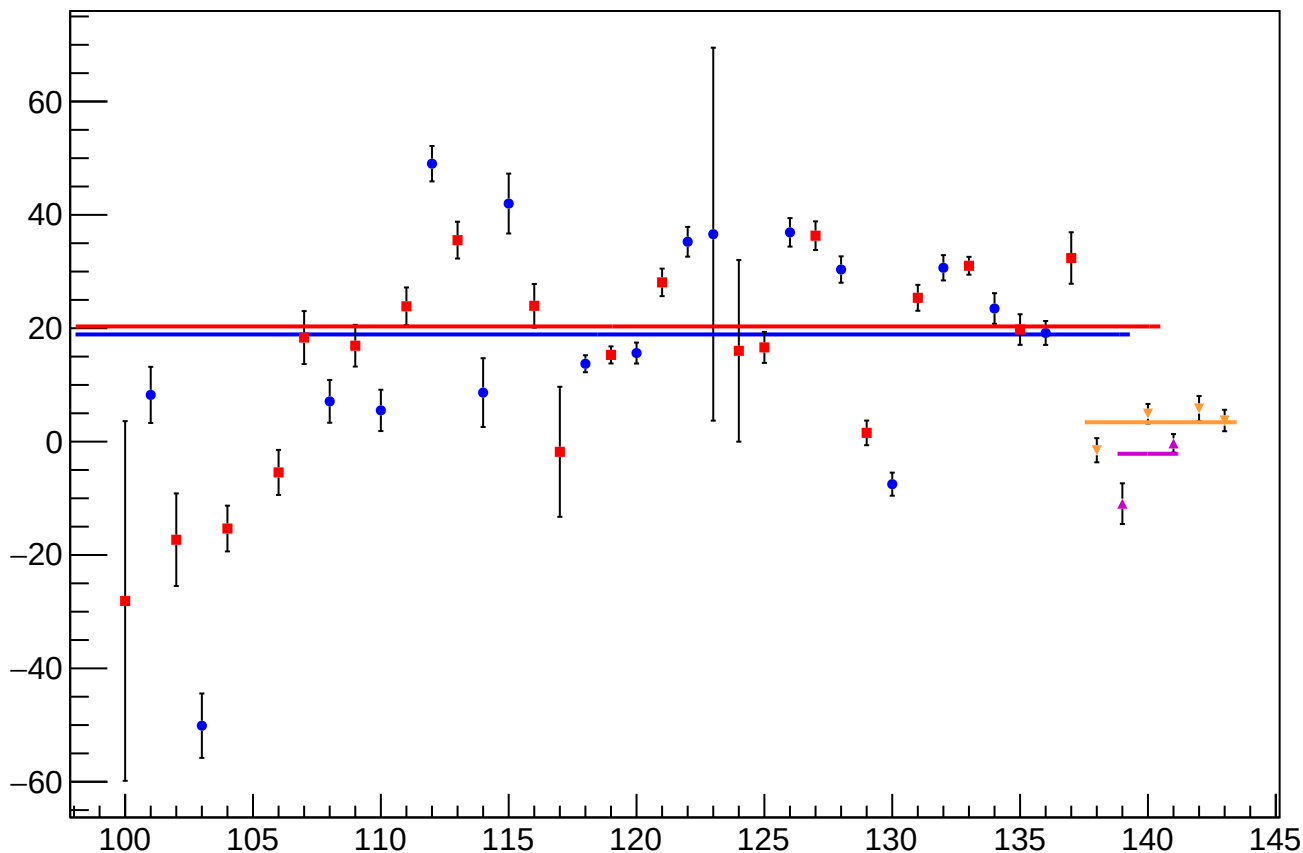
Right Out: -41.558 ± 0.447 $\chi^2/\text{NDF}: 0.0/19$

Left In: -63.440 ± 1.501 $\chi^2/\text{NDF}: 12.3/1$

-42.715 ± 0.450 $\chi^2/\text{NDF}: 130.1/20$

-43.342 ± 0.429 $\chi^2/\text{NDF}: 207.4/21$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 3.417 $\pm$ 0.980 χ^2 /NDF: 7.4/3

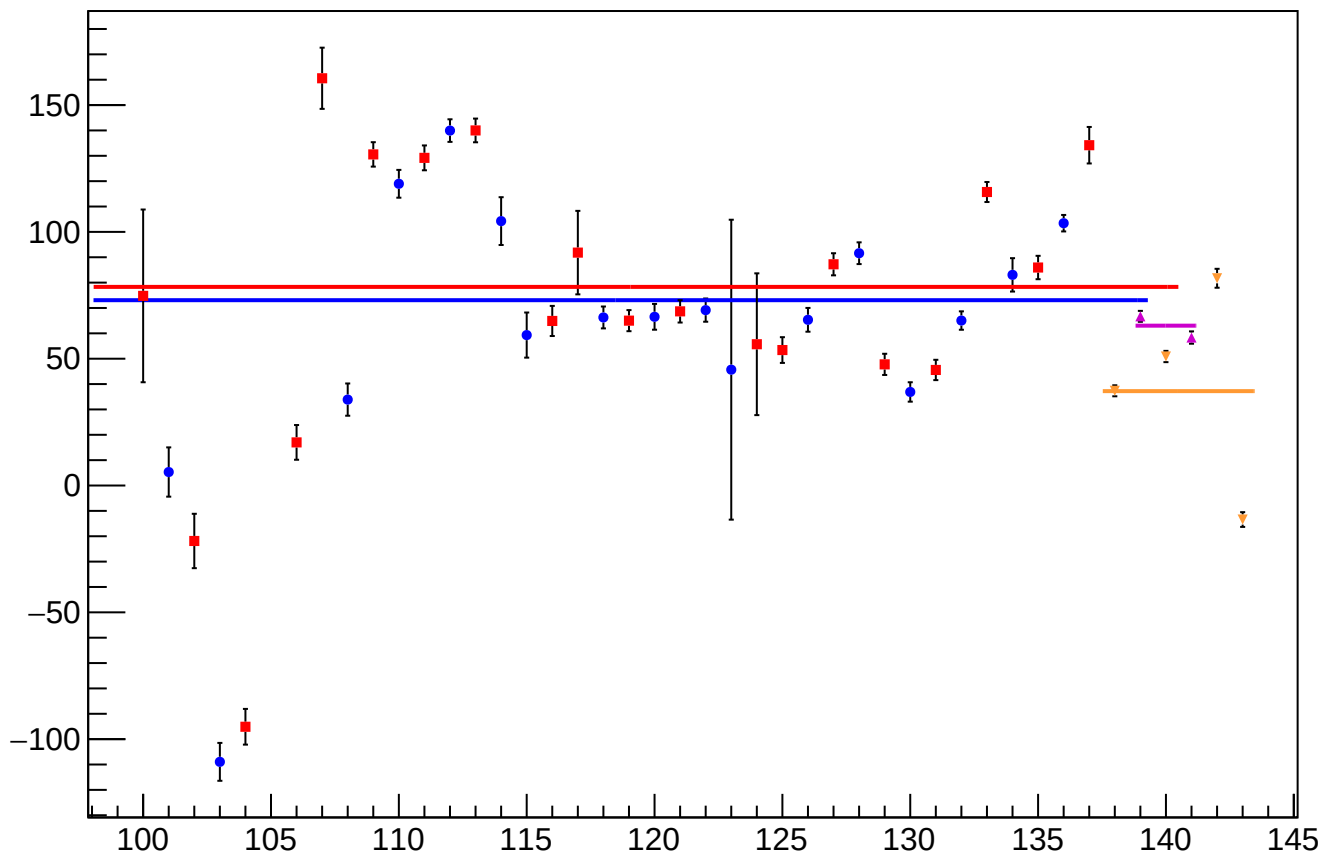
Right Out: 20.320 $\pm$ 0.643 χ^2 /NDF: 369.0/19

Left In: -2.143 $\pm$ 1.490 χ^2 /NDF: 7.3/1

14.240 $\pm$ 0.538 χ^2 /NDF: 800.8/20

16.795 $\pm$ 0.590 χ^2 /NDF: 567.9/21

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 ± 1.228 χ^2/NDF : 1200.0/16

Left Out: 37.214 ± 1.286 χ^2/NDF : 483.0/3

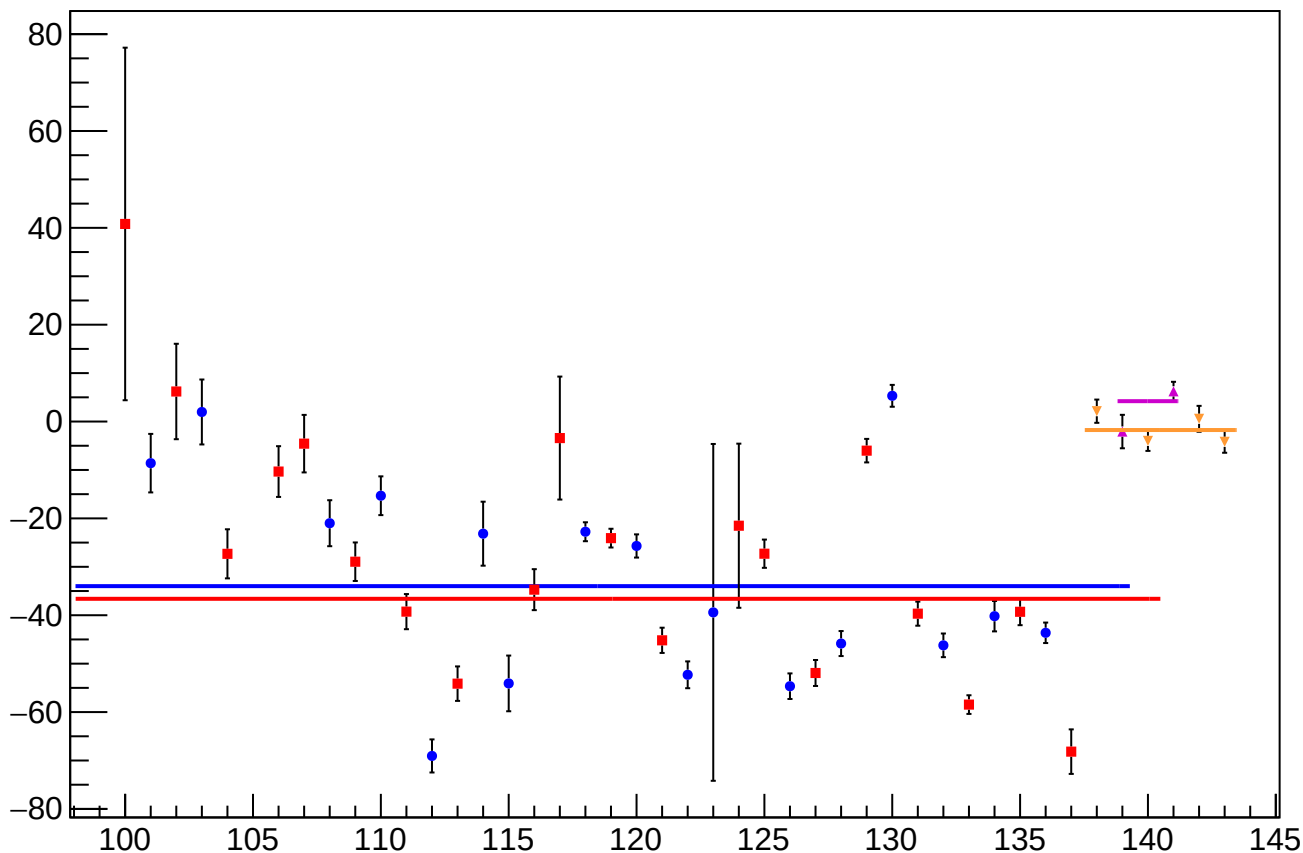
Right Out: 78.316 ± 1.219 χ^2/NDF : 1543.3/19

Left In: 63.028 ± 1.613 χ^2/NDF : 6.6/1

55.971 ± 0.888 χ^2/NDF : 2089.7/20

72.757 ± 0.973 χ^2/NDF : 1607.1/21

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -1.754 ± 1.160 χ^2/NDF : 5.7/3

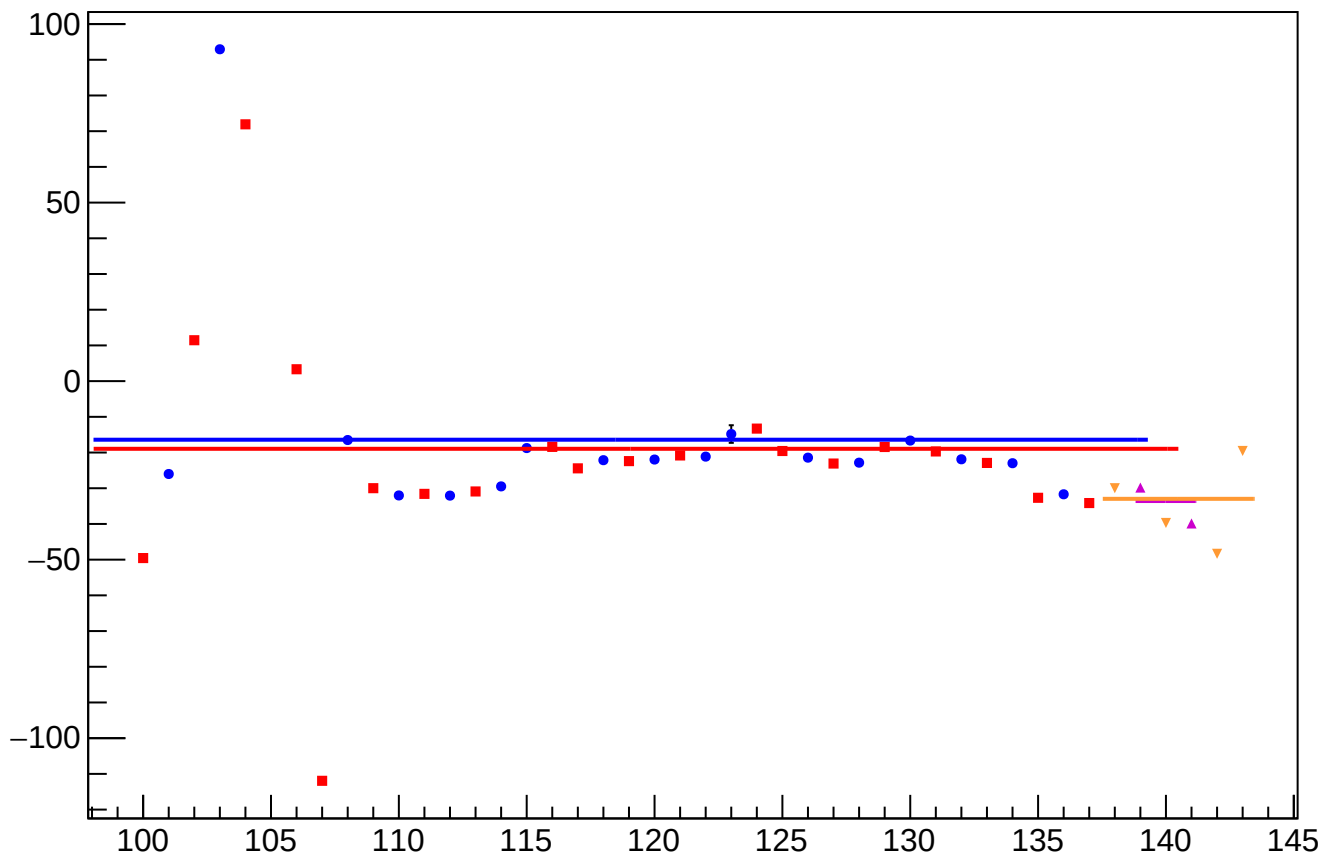
Right Out: -36.607 ± 0.736 χ^2/NDF : 549.8/19

Left In: 4.206 ± 1.708 χ^2/NDF : 4.4/1

-24.739 ± 0.622 χ^2/NDF : 1275.7/20

-30.225 ± 0.676 χ^2/NDF : 1035.6/21

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 $\pm$ 0.044 χ^2/NDF : 474368.4/16

Left Out: -32.967 $\pm$ 0.052 χ^2/NDF : 29972.8/3

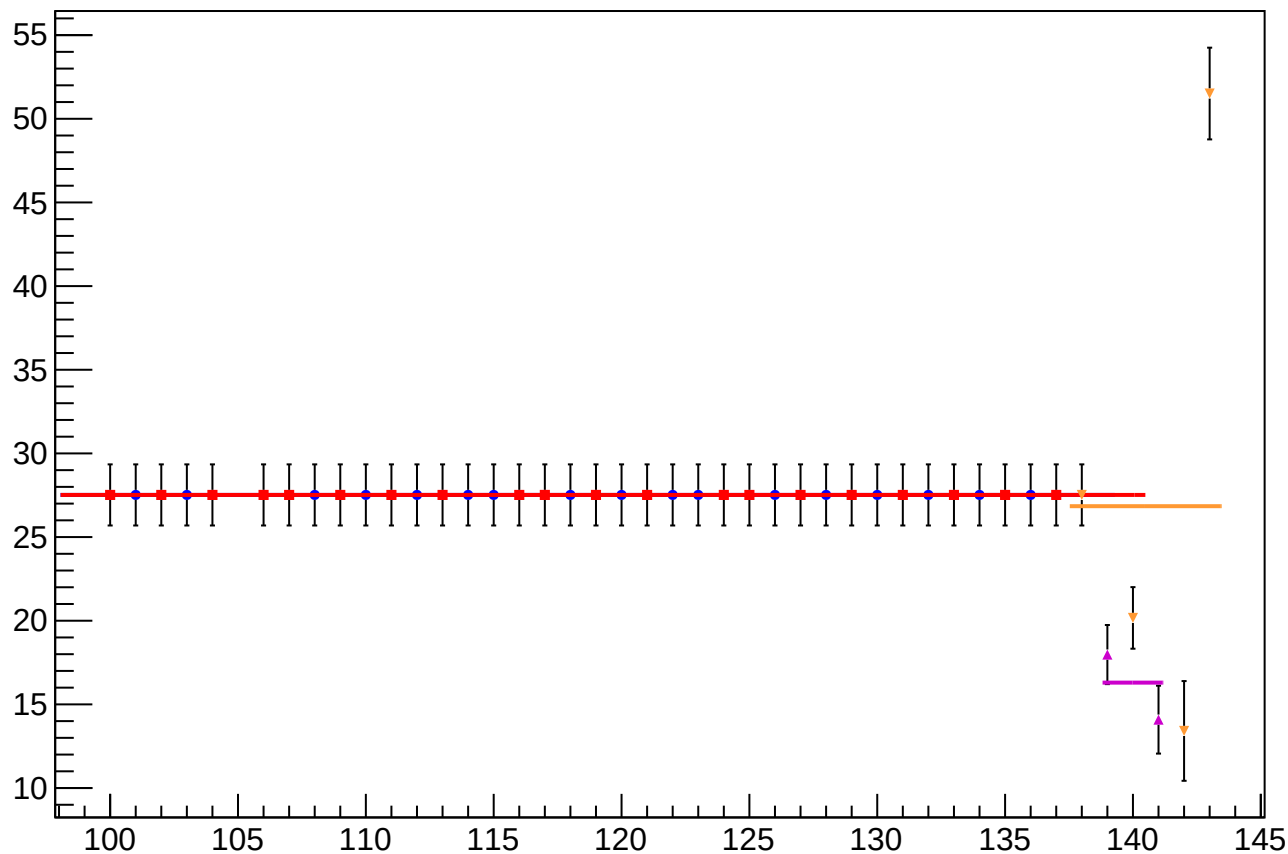
Right Out: -18.954 $\pm$ 0.045 χ^2/NDF : 434204.7/19

Left In: -33.579 $\pm$ 0.060 χ^2/NDF : 6579.0/1

-23.342 $\pm$ 0.034 χ^2/NDF : 562534.2/20

-24.242 $\pm$ 0.036 χ^2/NDF : 478712.2/21

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 27.518 $\pm$ 0.443 χ^2/NDF : 0.0/16

Left Out: 26.845 $\pm$ 1.091 χ^2/NDF : 114.6/3

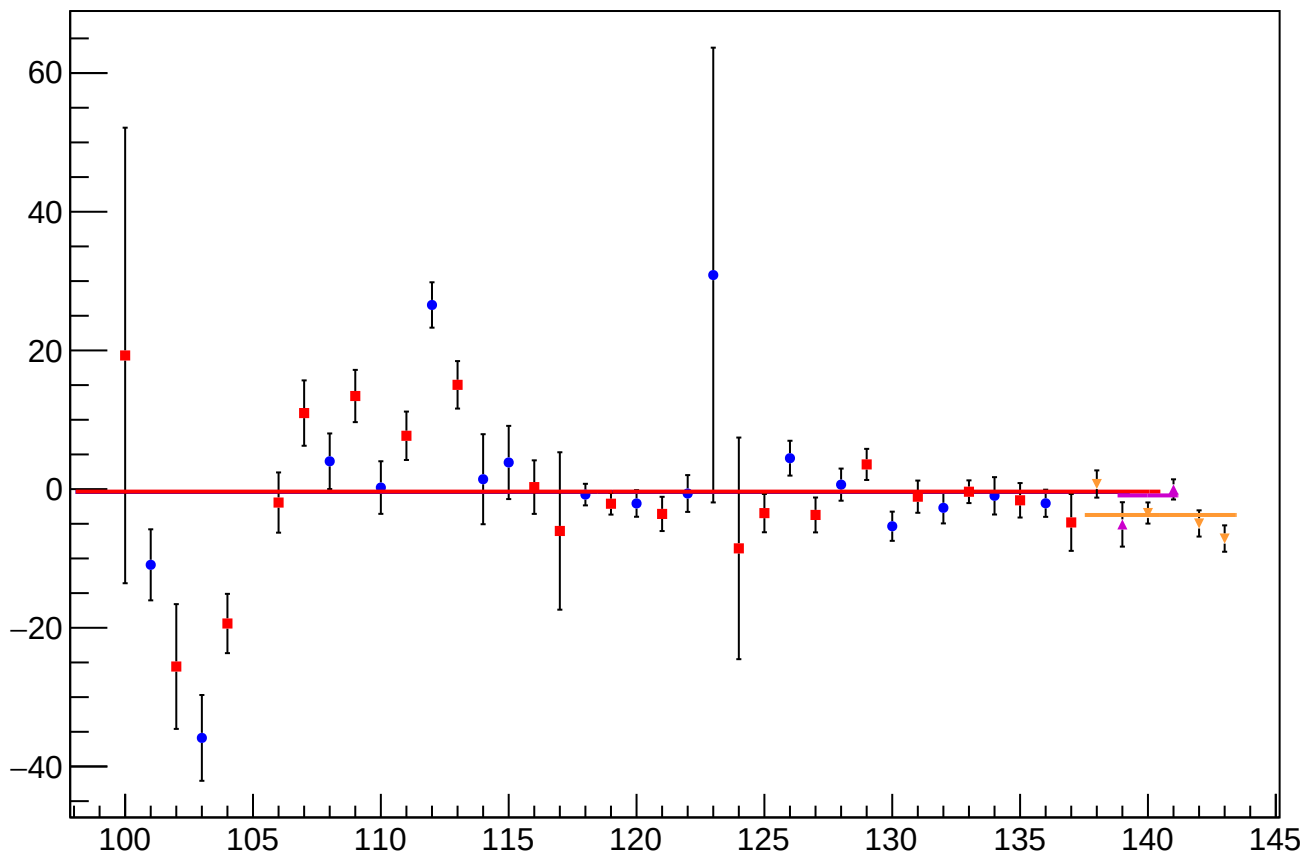
Right Out: 27.518 $\pm$ 0.408 χ^2/NDF : 0.0/19

Left In: 16.300 $\pm$ 1.332 χ^2/NDF : 2.1/1

27.423 $\pm$ 0.410 χ^2/NDF : 114.9/20

26.555 $\pm$ 0.390 χ^2/NDF : 66.9/21

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -3.731 ± 0.896 χ^2/NDF : 8.8/3

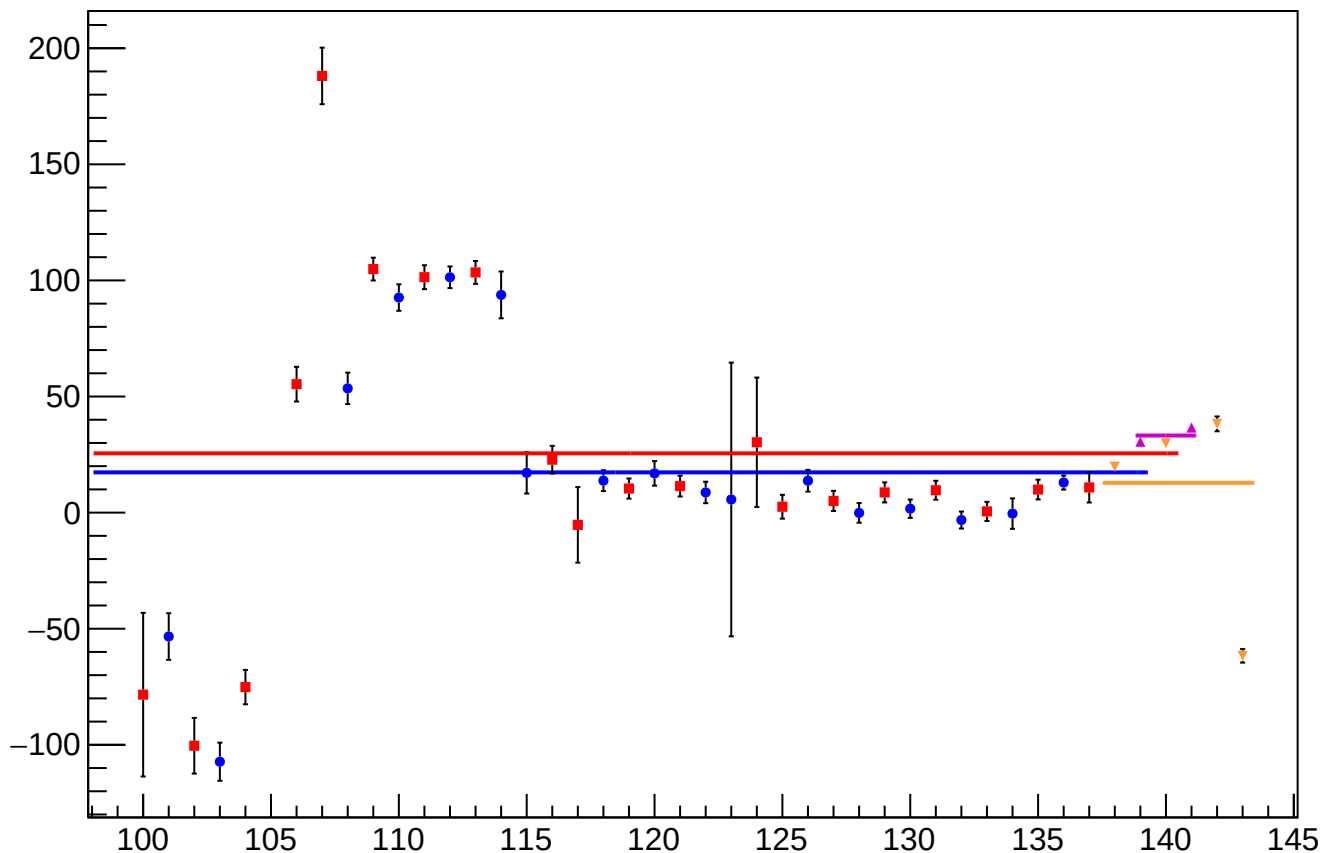
Right Out: -0.361 ± 0.656 χ^2/NDF : 84.0/19

Left In: -0.911 ± 1.326 χ^2/NDF : 2.1/1

-1.565 ± 0.528 χ^2/NDF : 137.7/20

-0.469 ± 0.588 χ^2/NDF : 86.2/21

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328 ± 1.239 χ^2/NDF : 943.2/16

Left Out: 12.814 ± 1.171 χ^2/NDF : 799.2/3

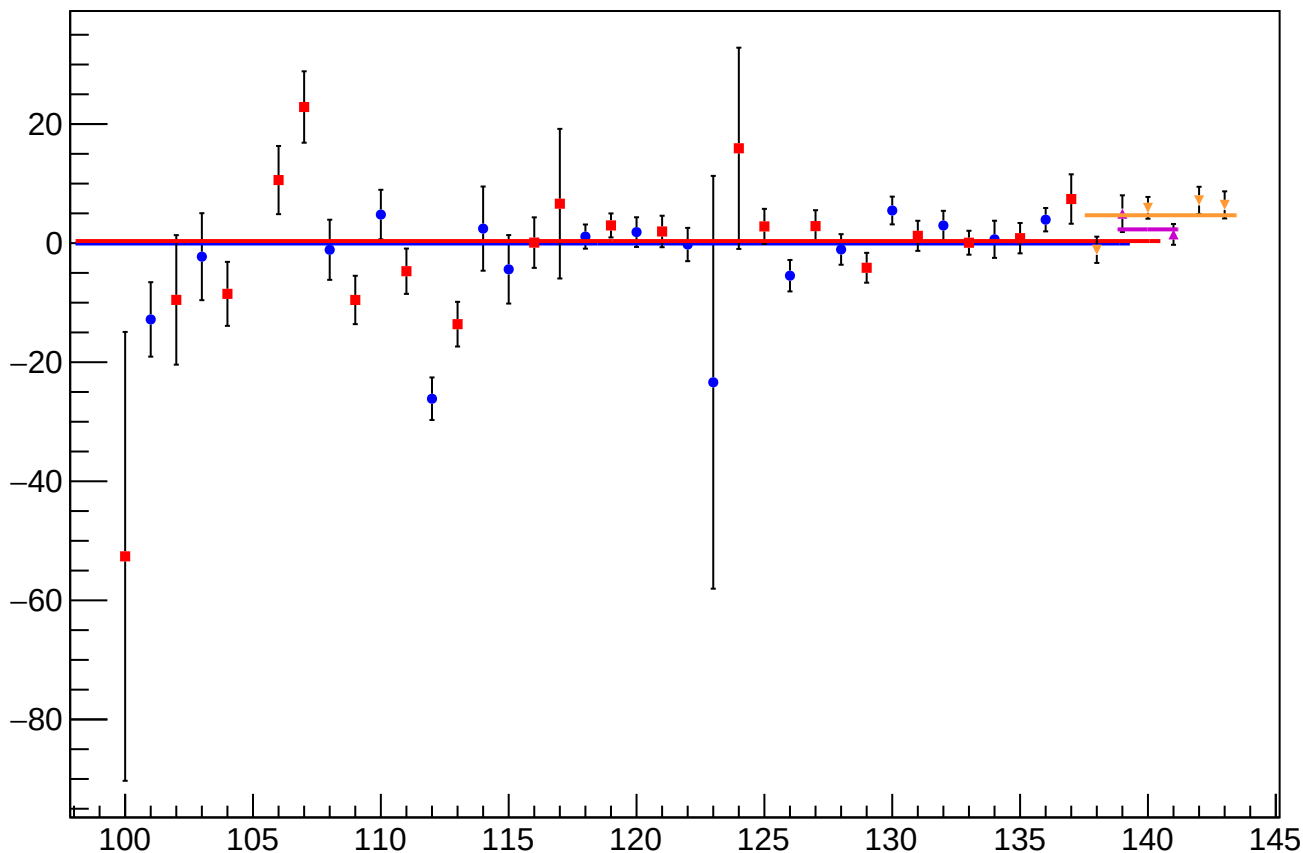
Right Out: 25.521 ± 1.239 χ^2/NDF : 1382.7/19

Left In: 33.199 ± 1.431 χ^2/NDF : 4.5/1

14.944 ± 0.851 χ^2/NDF : 1749.3/20

28.812 ± 0.937 χ^2/NDF : 1403.7/21

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 4.681 ± 1.060 χ^2/NDF : 9.2/3

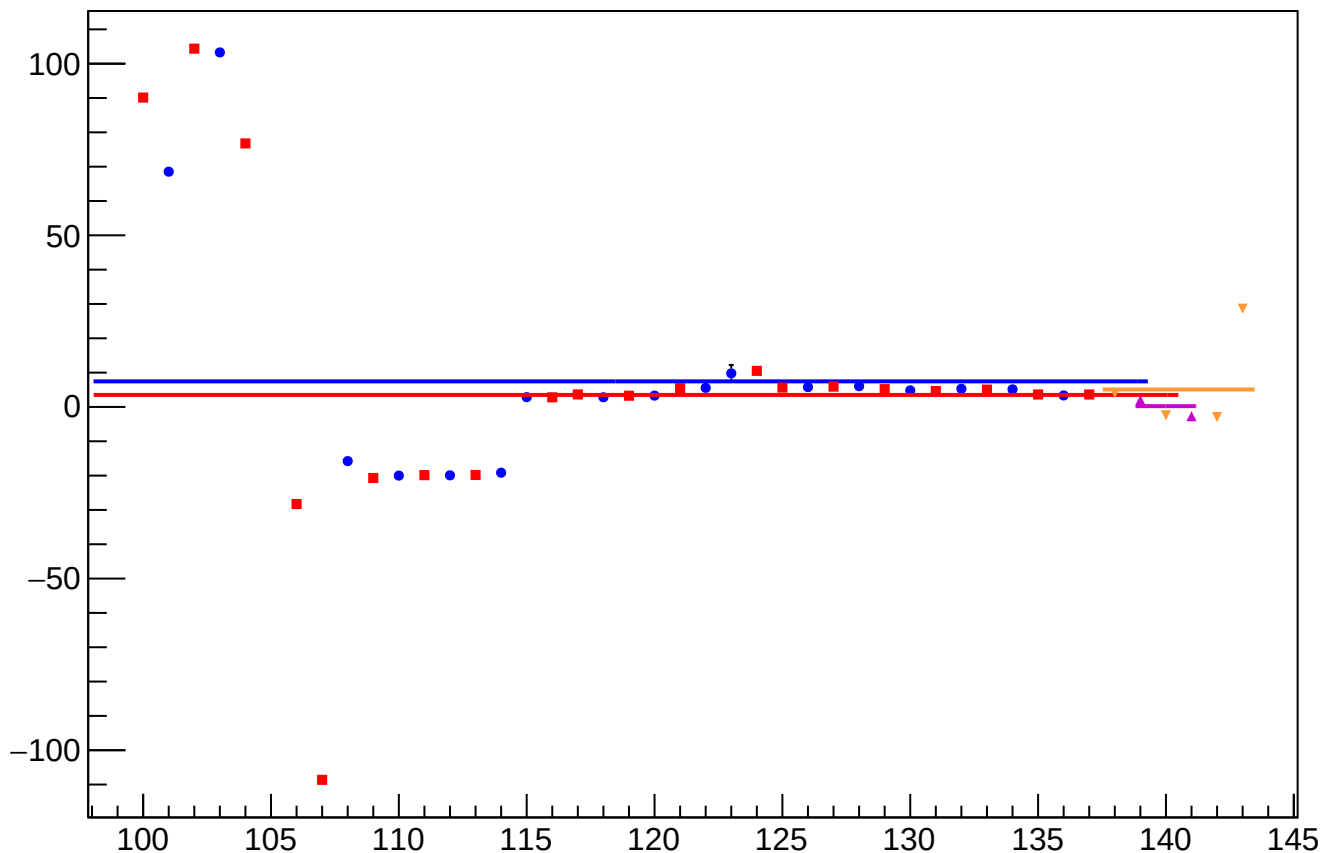
Right Out: 0.348 ± 0.748 χ^2/NDF : 55.4/19

Left In: 2.310 ± 1.519 χ^2/NDF : 1.0/1

1.504 ± 0.609 χ^2/NDF : 99.1/20

0.731 ± 0.671 χ^2/NDF : 57.7/21

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: 5.090+/-0.048 χ^2/NDF : 52405.1/3

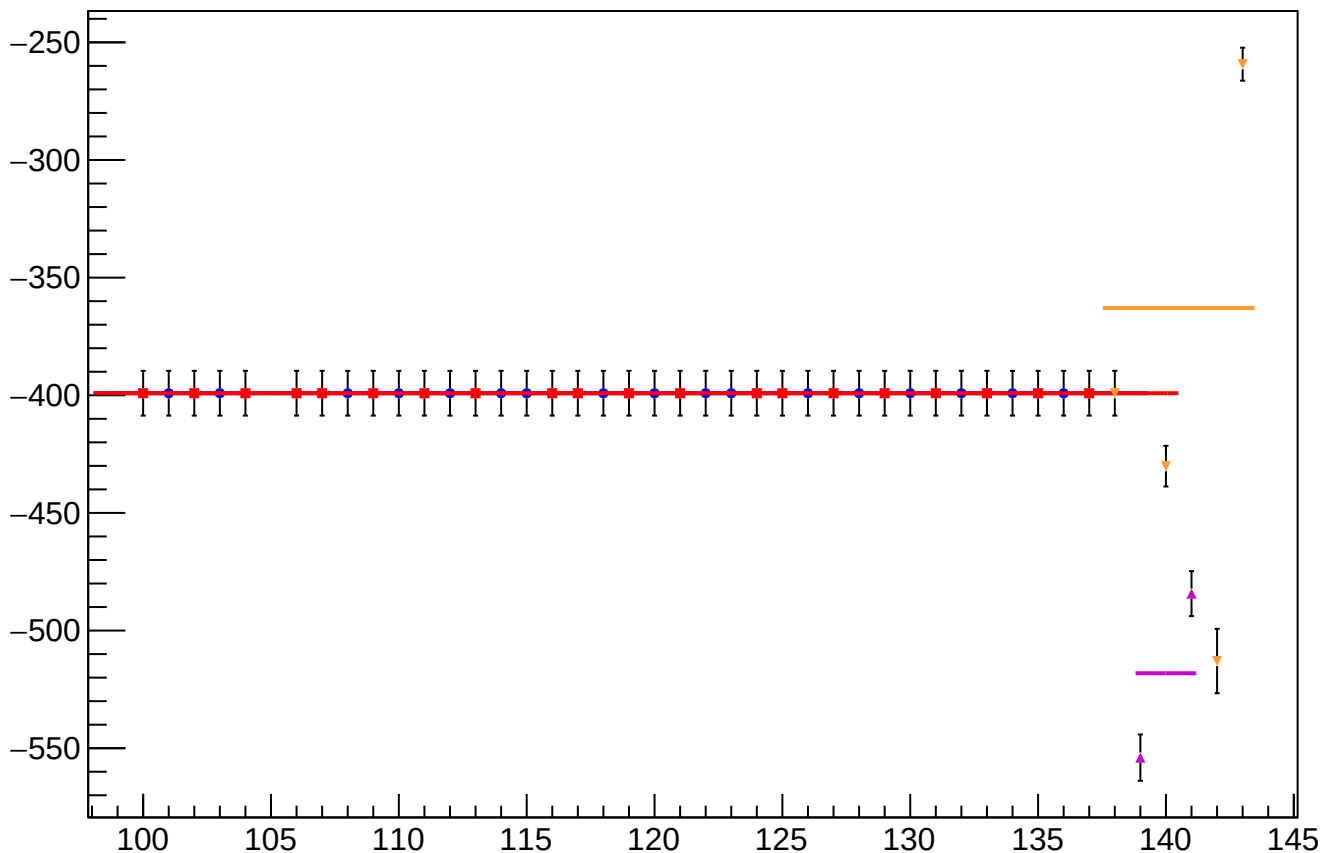
Right Out: 3.503+/-0.045 χ^2/NDF : 510579.7/19

Left In: 0.236+/-0.053 χ^2/NDF : 1827.0/1

6.354+/-0.032 χ^2/NDF : 409777.2/20

2.129+/-0.035 χ^2/NDF : 514578.1/21

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -399.124+/-2.307 χ^2/NDF : 0.0/16

Left Out: -362.893+/-4.468 χ^2/NDF : 413.5/3

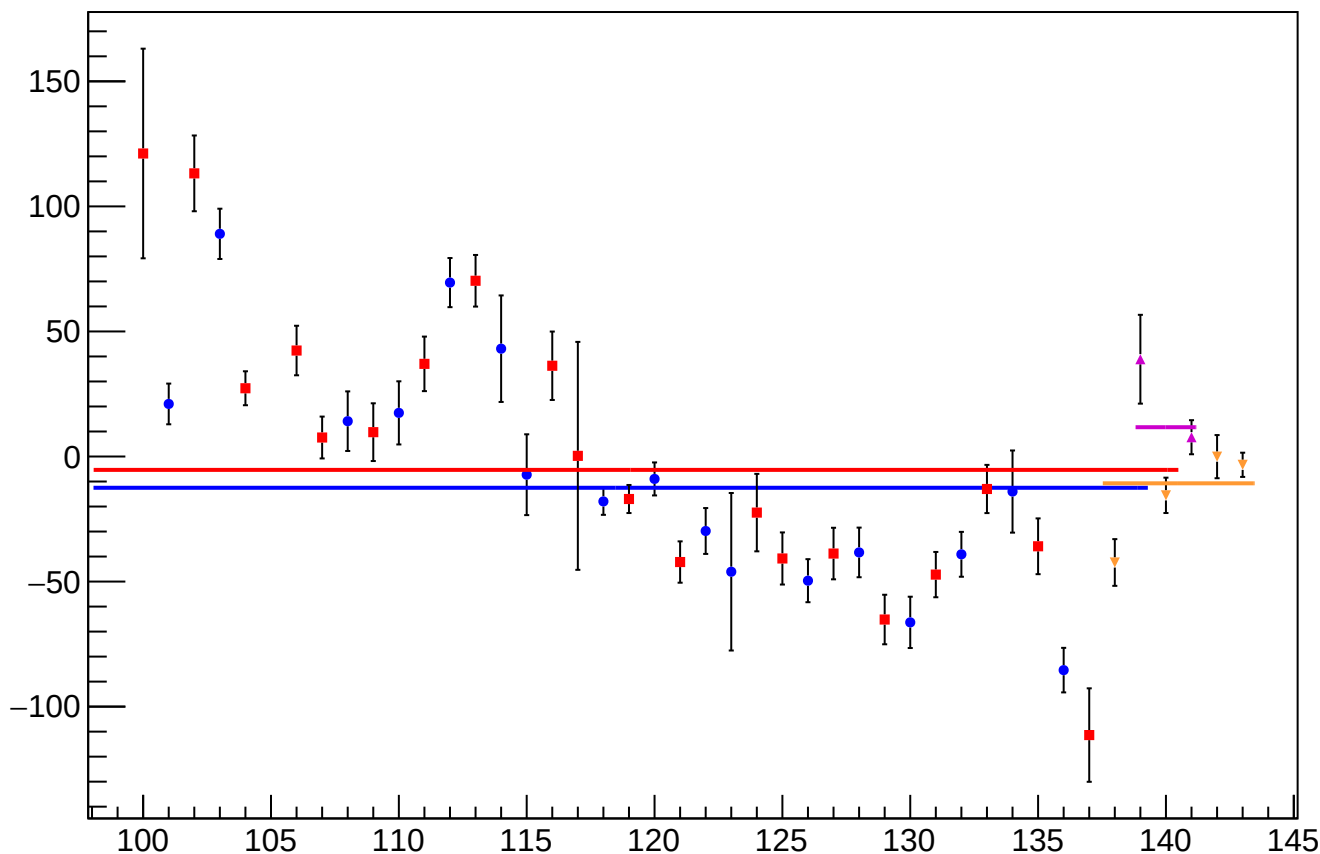
Right Out: -399.124+/-2.127 χ^2/NDF : 0.0/19

Left In: -518.141+/-6.863 χ^2/NDF : 25.8/1

-391.498+/-2.050 χ^2/NDF : 465.4/20

-409.553+/-2.032 χ^2/NDF : 300.1/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: -10.721 ± 3.379 χ^2/NDF : 15.8/3

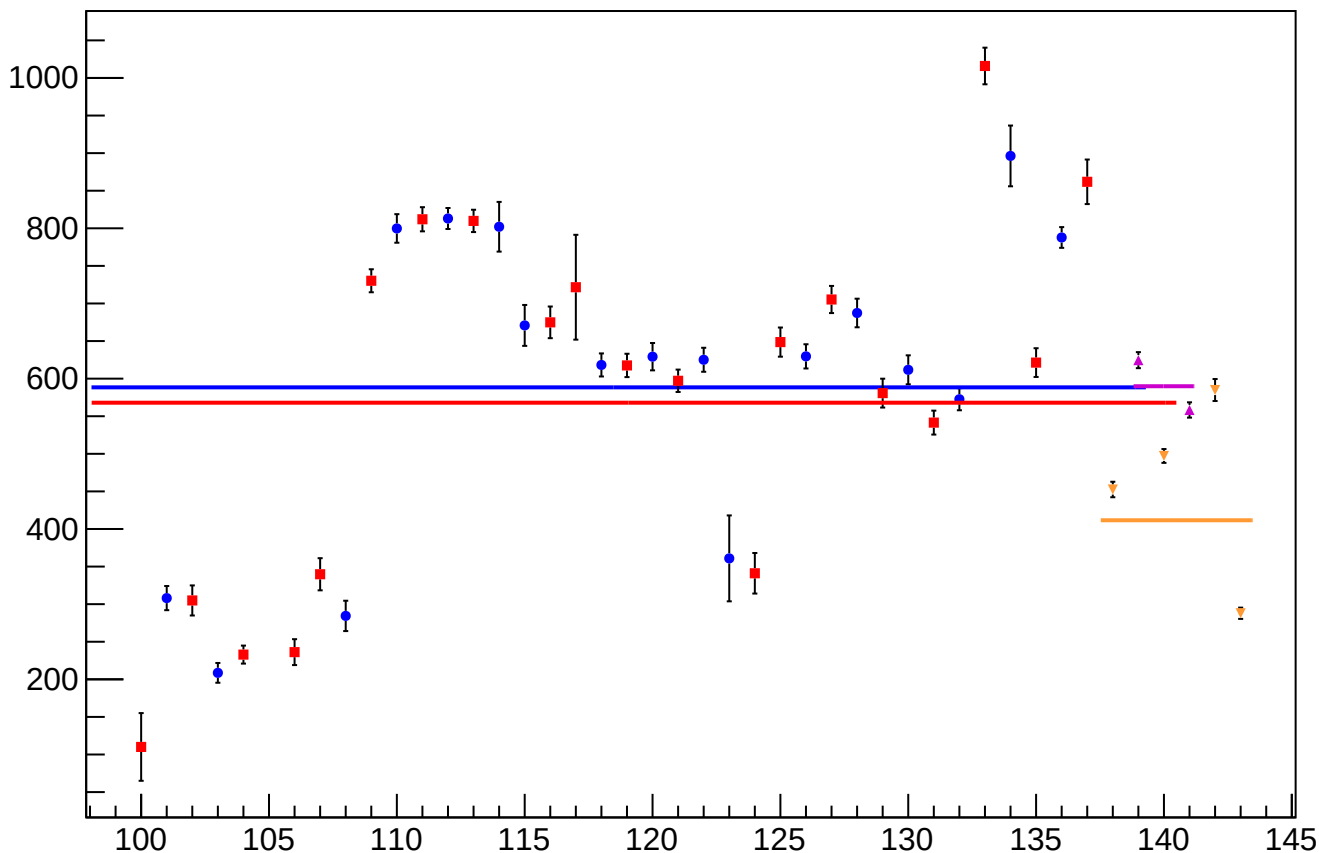
Right Out: -5.349 ± 2.261 χ^2/NDF : 344.6/19

Left In: 11.713 ± 6.361 χ^2/NDF : 2.7/1

-11.933 ± 1.908 χ^2/NDF : 357.1/20

-3.434 ± 2.131 χ^2/NDF : 353.7/21

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 411.596+/-4.783 χ^2/NDF : 515.2/3

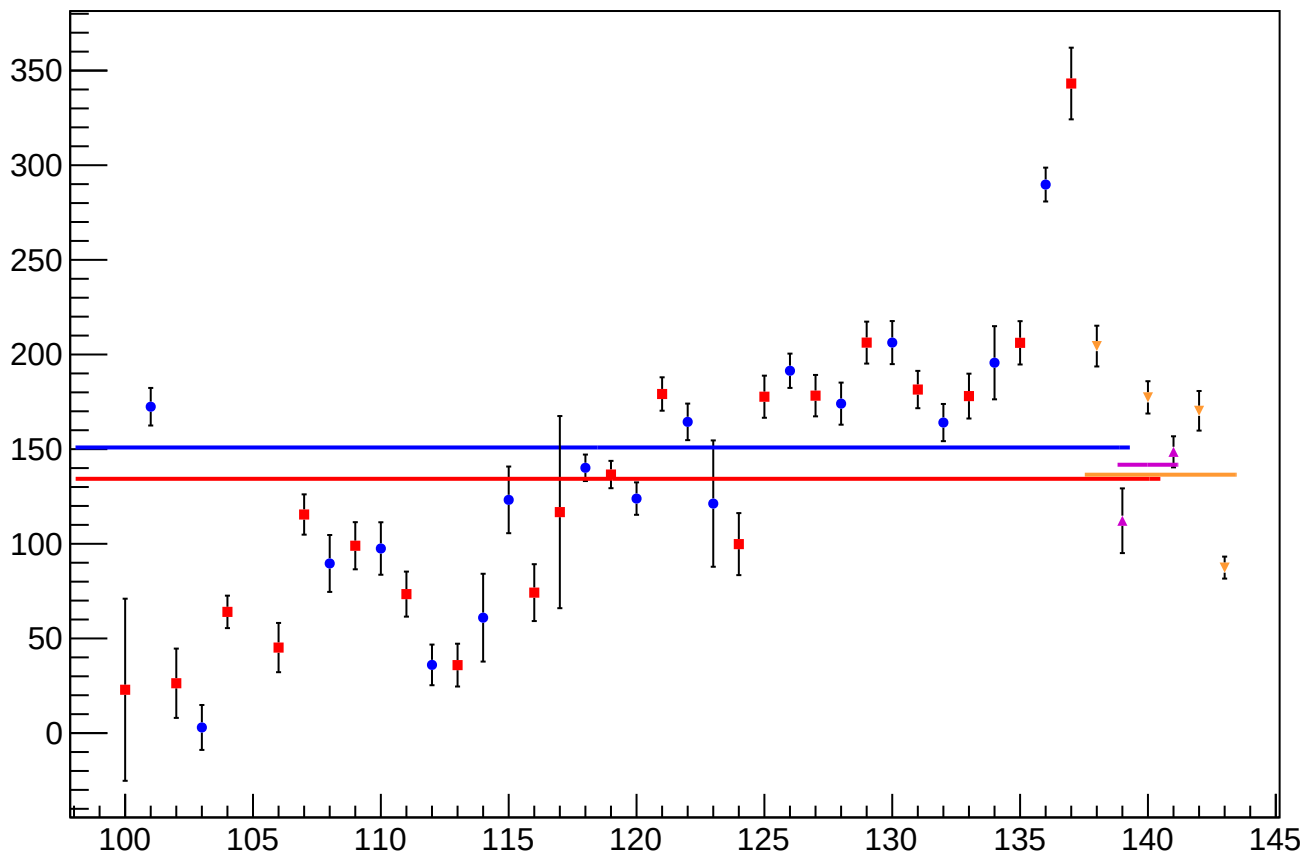
Right Out: 567.992+/-4.130 χ^2/NDF : 2789.7/19

Left In: 589.905+/-7.360 χ^2/NDF : 20.2/1

508.970+/-3.206 χ^2/NDF : 3398.0/20

573.238+/-3.601 χ^2/NDF : 2816.7/21

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 136.512 ± 4.045 χ^2/NDF : 144.5/3

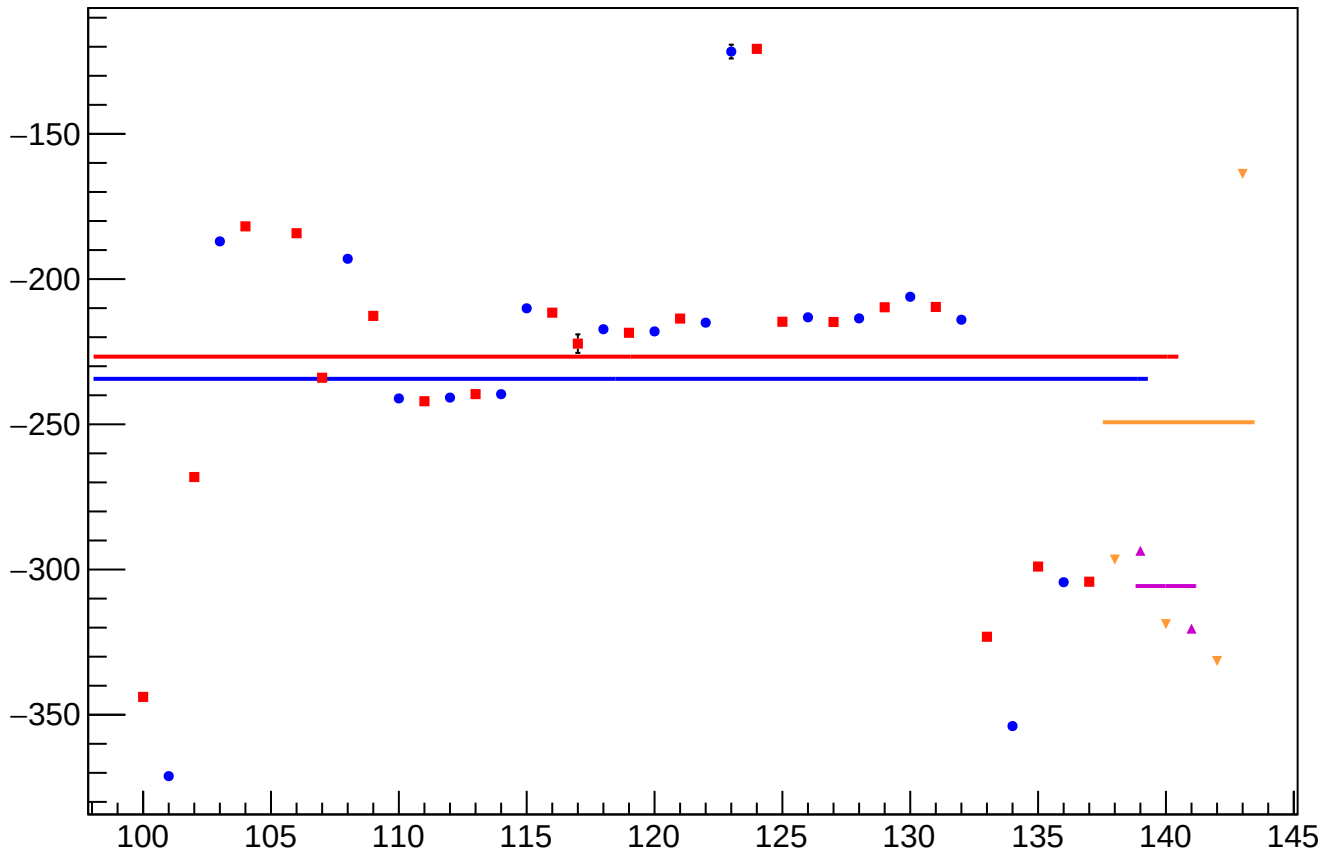
Right Out: 134.334 ± 2.616 χ^2/NDF : 585.0/19

Left In: 141.766 ± 7.399 χ^2/NDF : 3.7/1

146.518 ± 2.231 χ^2/NDF : 788.1/20

135.160 ± 2.467 χ^2/NDF : 589.6/21

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 $\chi^2/\text{NDF}: 145165.1/16$

Left Out: -249.292 ± 0.196 $\chi^2/\text{NDF}: 143490.6/3$

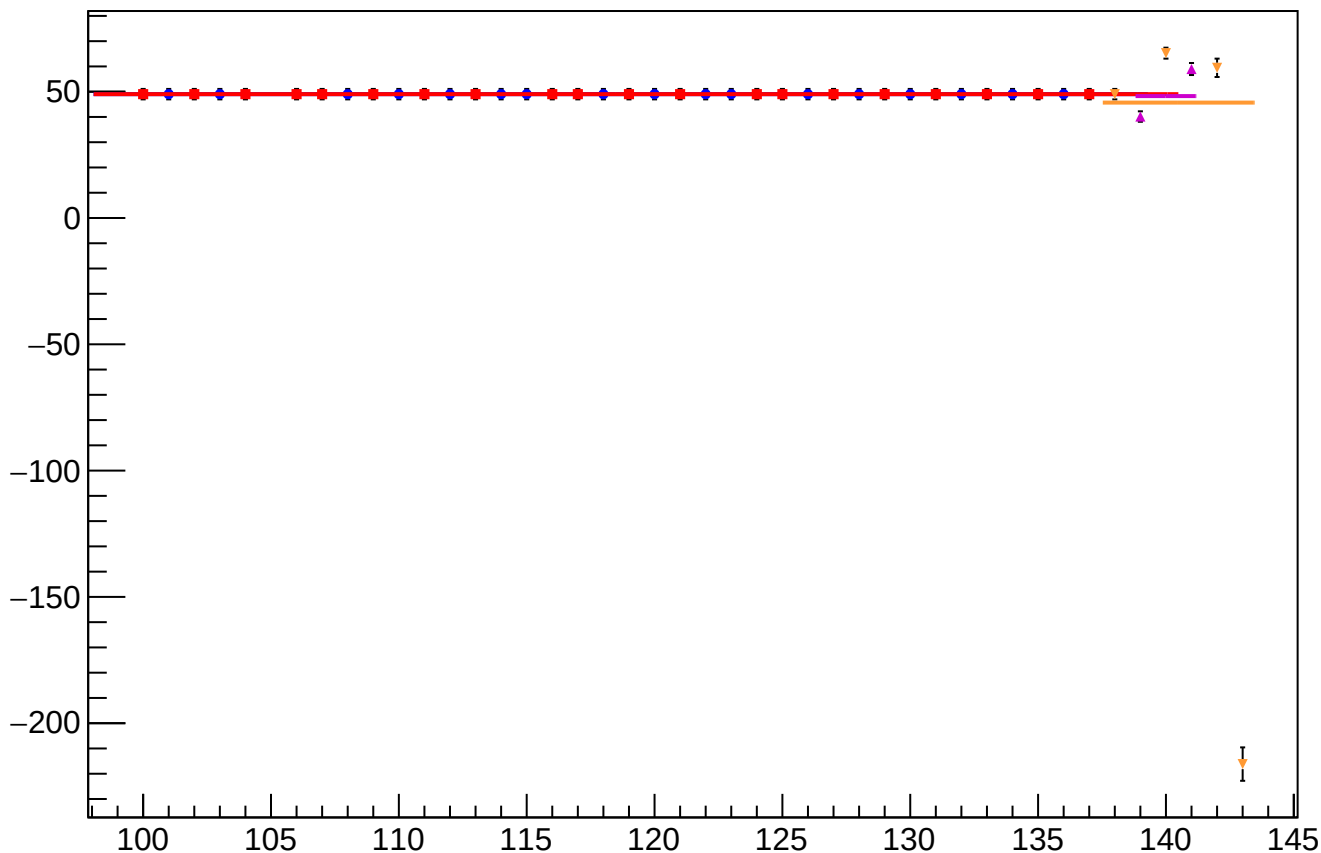
Right Out: -226.707 ± 0.141 $\chi^2/\text{NDF}: 99442.4/19$

Left In: -305.687 ± 0.278 $\chi^2/\text{NDF}: 2305.5/1$

-239.788 ± 0.118 $\chi^2/\text{NDF}: 292358.2/20$

-242.916 ± 0.126 $\chi^2/\text{NDF}: 165967.6/21$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 49.025+/-0.502 χ^2 /NDF: 0.0/16

Left Out: 45.683+/-1.355 χ^2 /NDF:1666.4/3

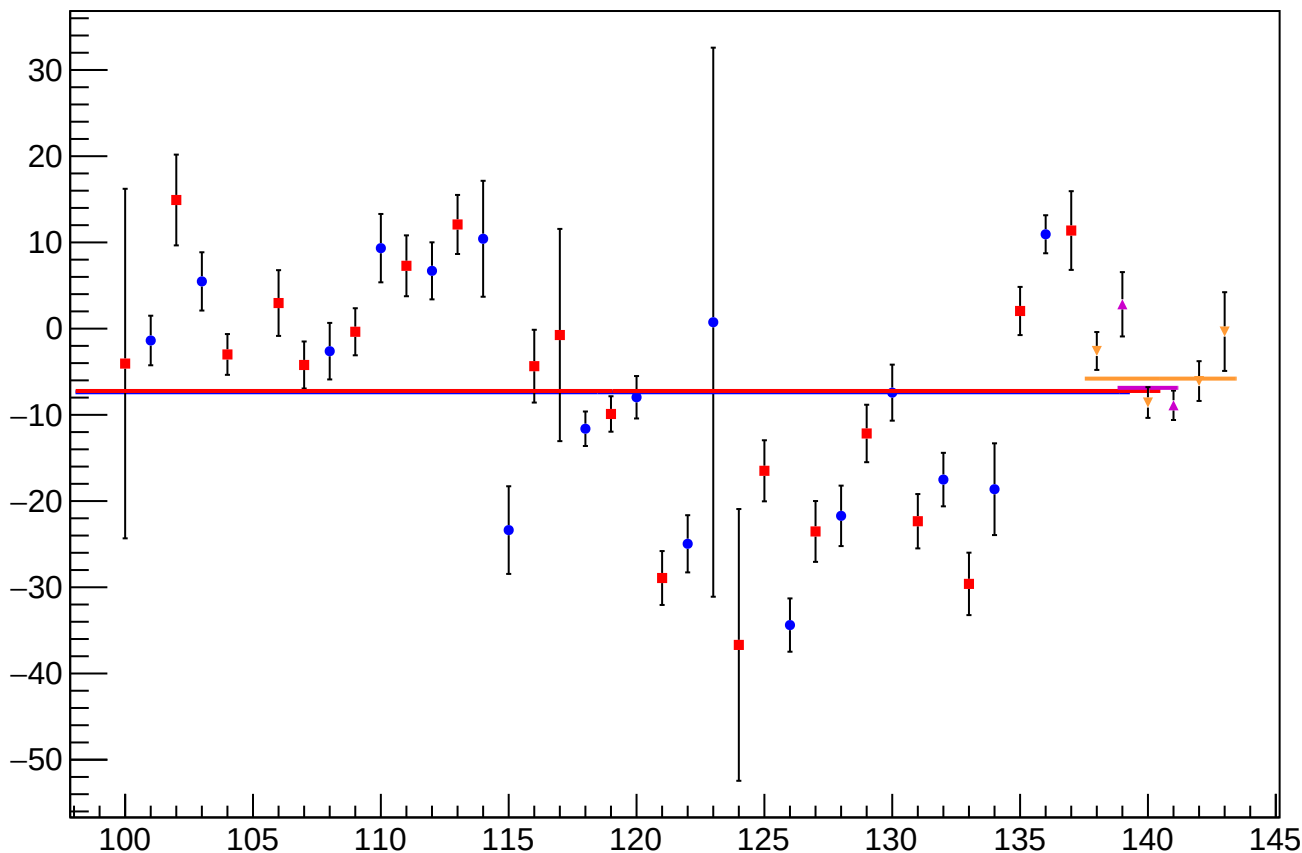
Right Out: 49.025+/-0.463 χ^2 /NDF: 0.0/19

Left In: 48.260+/-1.561 χ^2 /NDF:35.6/1

48.621+/-0.471 χ^2 /NDF: 1671.8/20

48.963+/-0.444 χ^2 /NDF: 35.8/21

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -5.797 ± 1.149 χ^2/NDF : 6.0/3

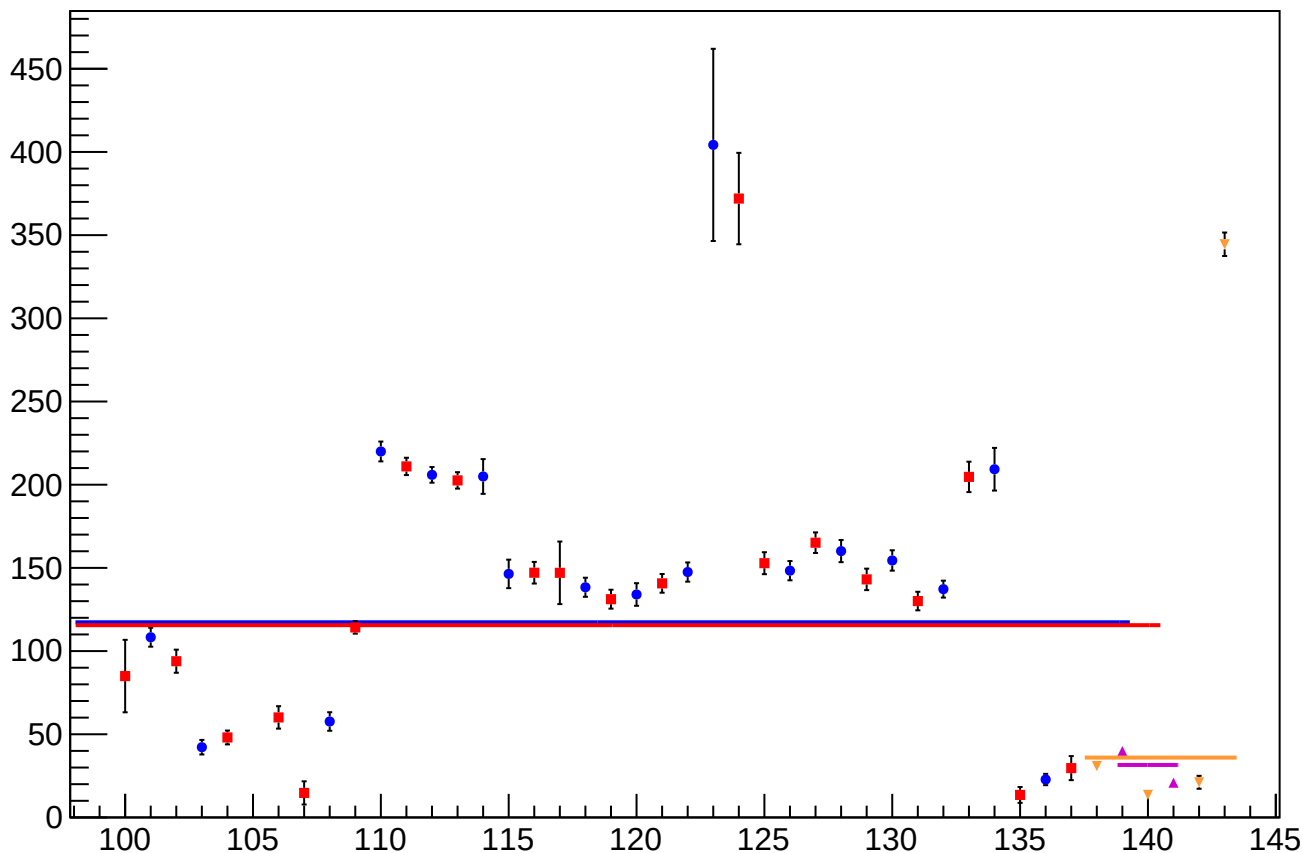
Right Out: -7.231 ± 0.761 χ^2/NDF : 257.6/19

Left In: -6.869 ± 1.551 χ^2/NDF : 8.2/1

-6.883 ± 0.645 χ^2/NDF : 290.9/20

-7.161 ± 0.683 χ^2/NDF : 265.8/21

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 35.986 $\pm$ 1.455 χ^2 /NDF:2024.6/3

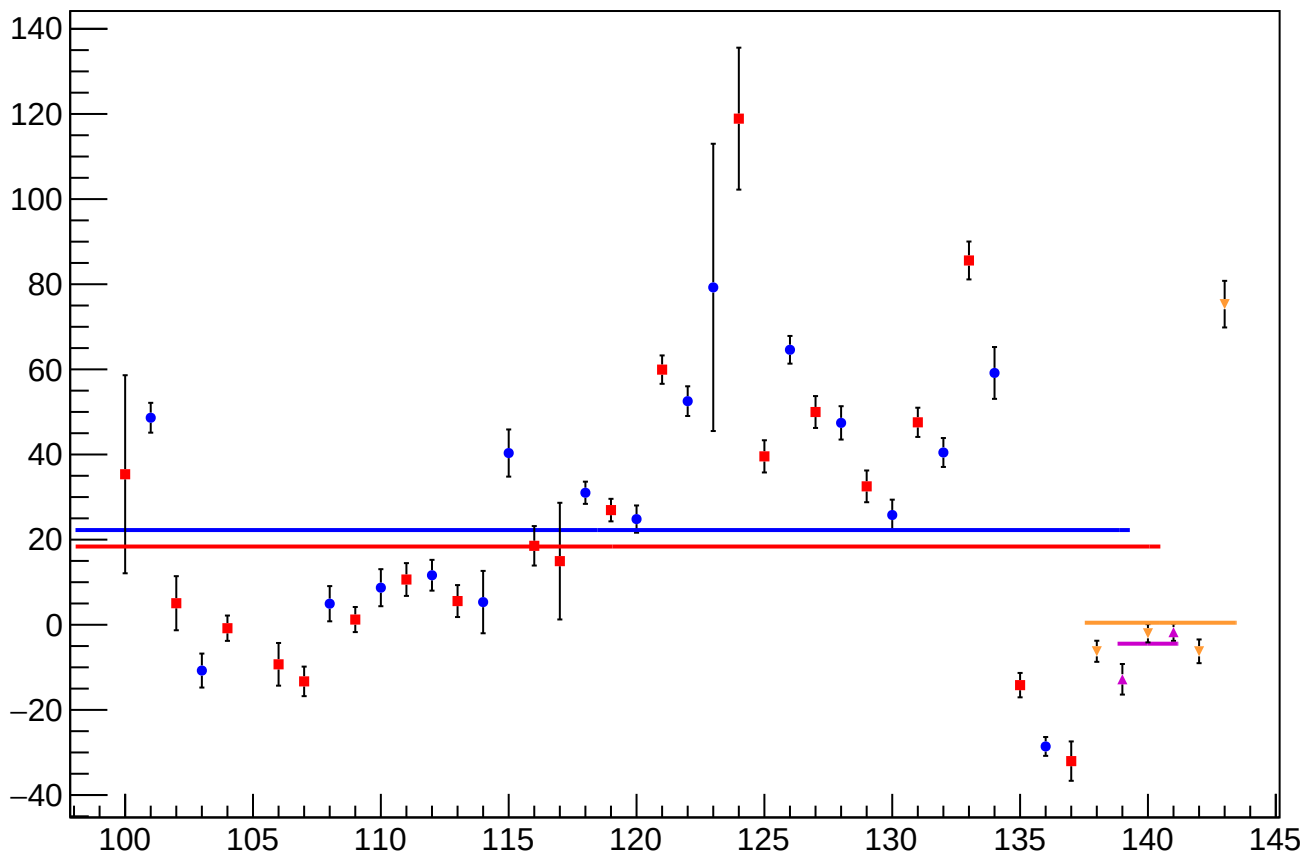
Right Out: 115.570 $\pm$ 1.357 χ^2 /NDF: 2153.3/19

Left In: 31.547 $\pm$ 1.677 χ^2 /NDF:31.6/1

77.975 $\pm$ 1.012 χ^2 /NDF: 5797.6/20

82.323 $\pm$ 1.055 χ^2 /NDF: 3701.8/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: 0.480 $\pm$ 1.358 χ^2 /NDF:201.3/3

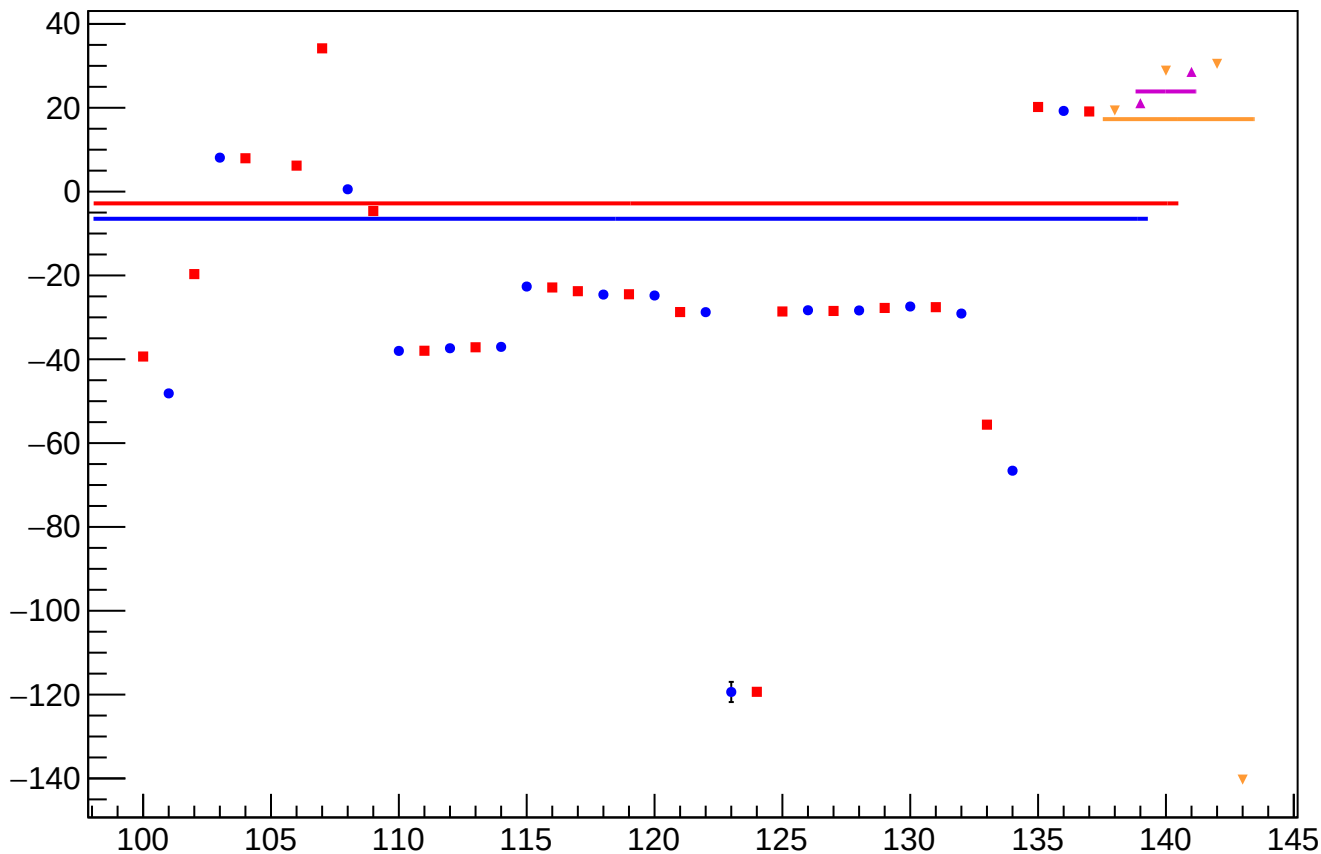
Right Out: 18.381 $\pm$ 0.870 χ^2 /NDF: 1077.2/19

Left In: -4.447 $\pm$ 1.778 χ^2 /NDF:7.2/1

15.716 $\pm$ 0.744 χ^2 /NDF: 1452.7/20

13.969 $\pm$ 0.781 χ^2 /NDF: 1217.4/21

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 17.290 ± 0.059 $\chi^2/\text{NDF}: 330795.1/3$

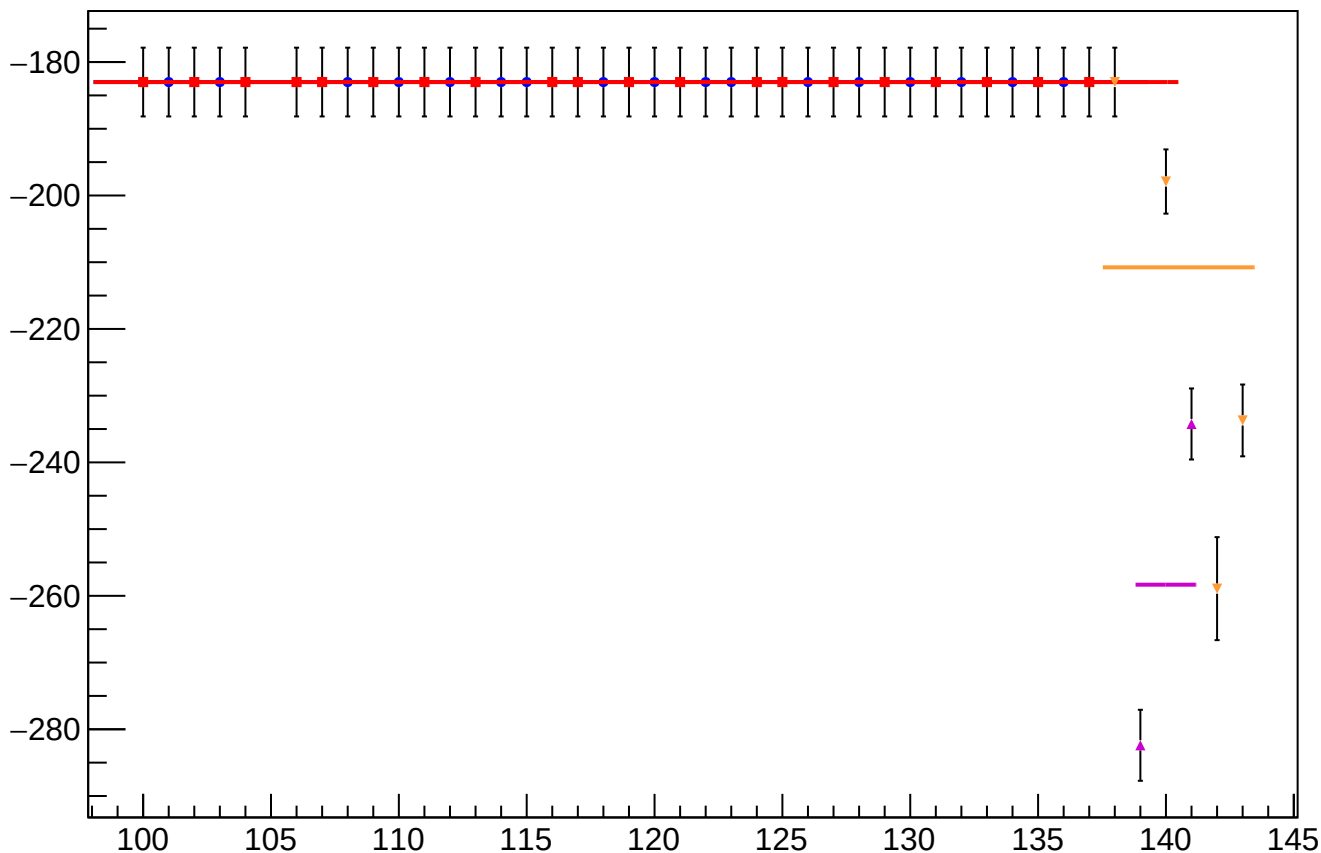
Right Out: -2.811 ± 0.046 $\chi^2/\text{NDF}: 266885.9/19$

Left In: 23.891 ± 0.062 $\chi^2/\text{NDF}: 3359.9/1$

2.480 ± 0.036 $\chi^2/\text{NDF}: 696572.0/20$

6.498 ± 0.037 $\chi^2/\text{NDF}: 389698.9/21$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -182.999 $\pm$ 1.250 χ^2 /NDF: 0.0/16

Left Out: -210.767 $\pm$ 2.751 χ^2 /NDF:93.3/3

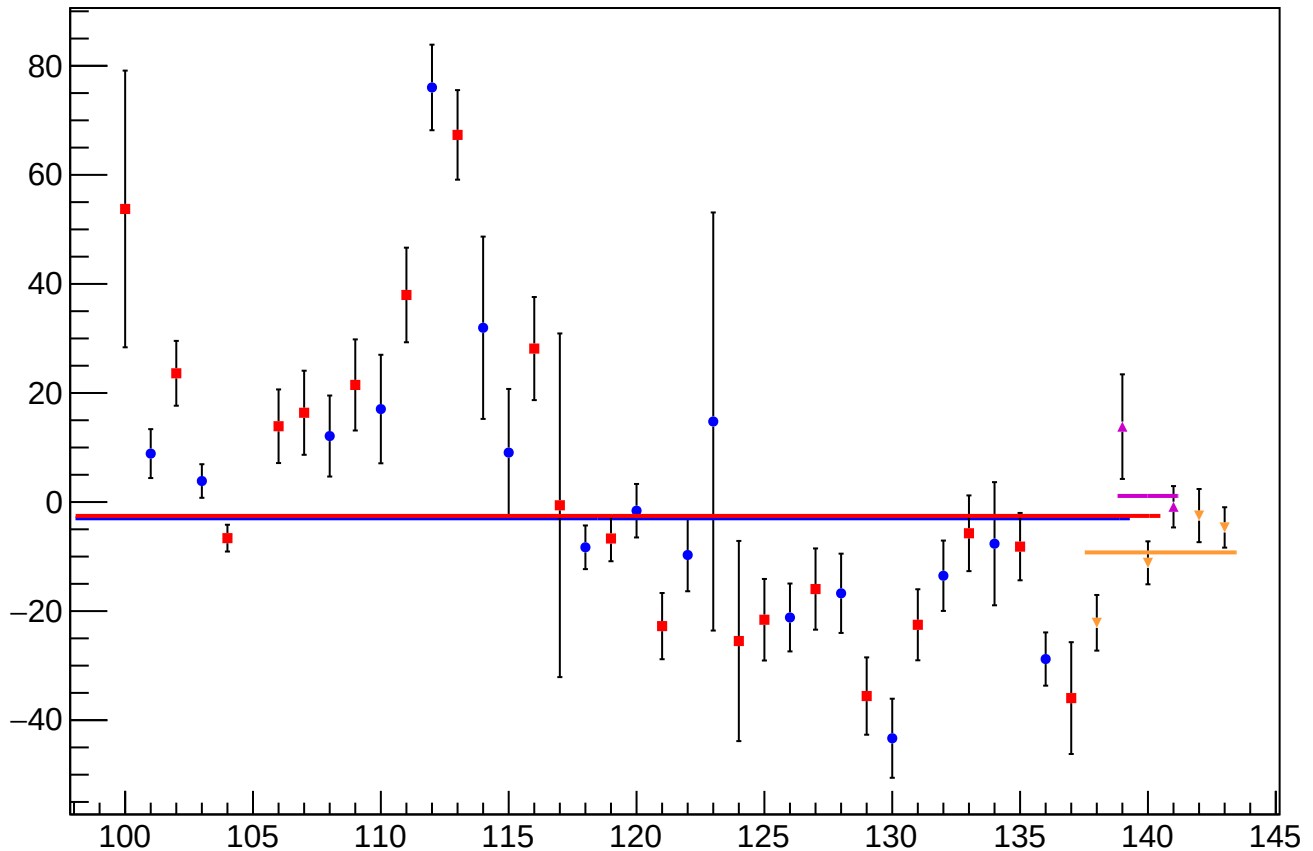
Right Out: -182.999 $\pm$ 1.152 χ^2 /NDF: 0.0/19

Left In: -258.330 $\pm$ 3.763 χ^2 /NDF:40.9/1

-187.749 $\pm$ 1.138 χ^2 /NDF: 177.7/20

-189.456 $\pm$ 1.102 χ^2 /NDF: 407.3/21

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 $\chi^2/\text{NDF}: 203.9/16$

Left Out: -9.240 ± 2.143 $\chi^2/\text{NDF}: 10.1/3$

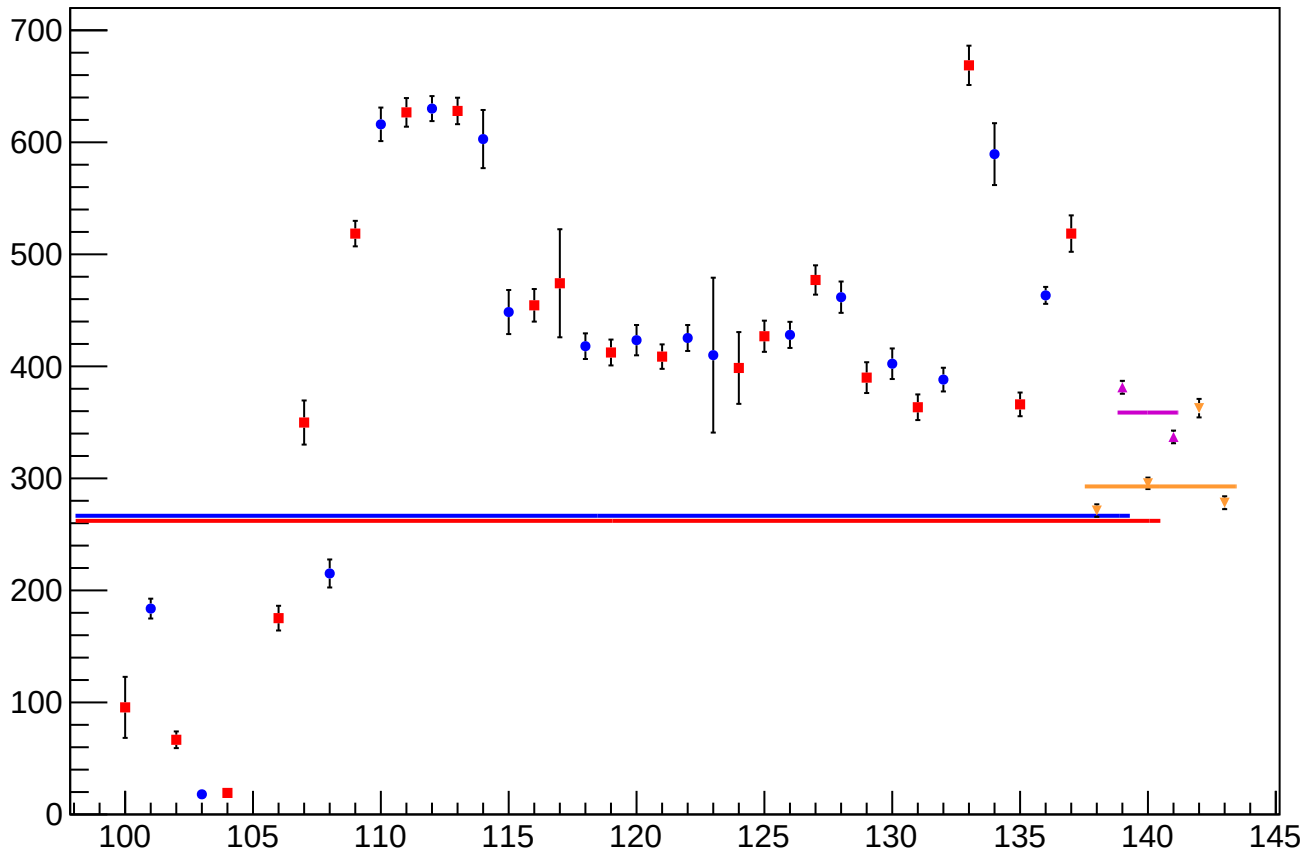
Right Out: -2.544 ± 1.397 $\chi^2/\text{NDF}: 218.1/19$

Left In: 1.119 ± 3.527 $\chi^2/\text{NDF}: 2.0/1$

-4.948 ± 1.201 $\chi^2/\text{NDF}: 219.8/20$

-2.047 ± 1.299 $\chi^2/\text{NDF}: 221.1/21$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 χ^2/NDF : 7662.7/16

Left Out: 292.805 ± 2.948 χ^2/NDF : 93.1/3

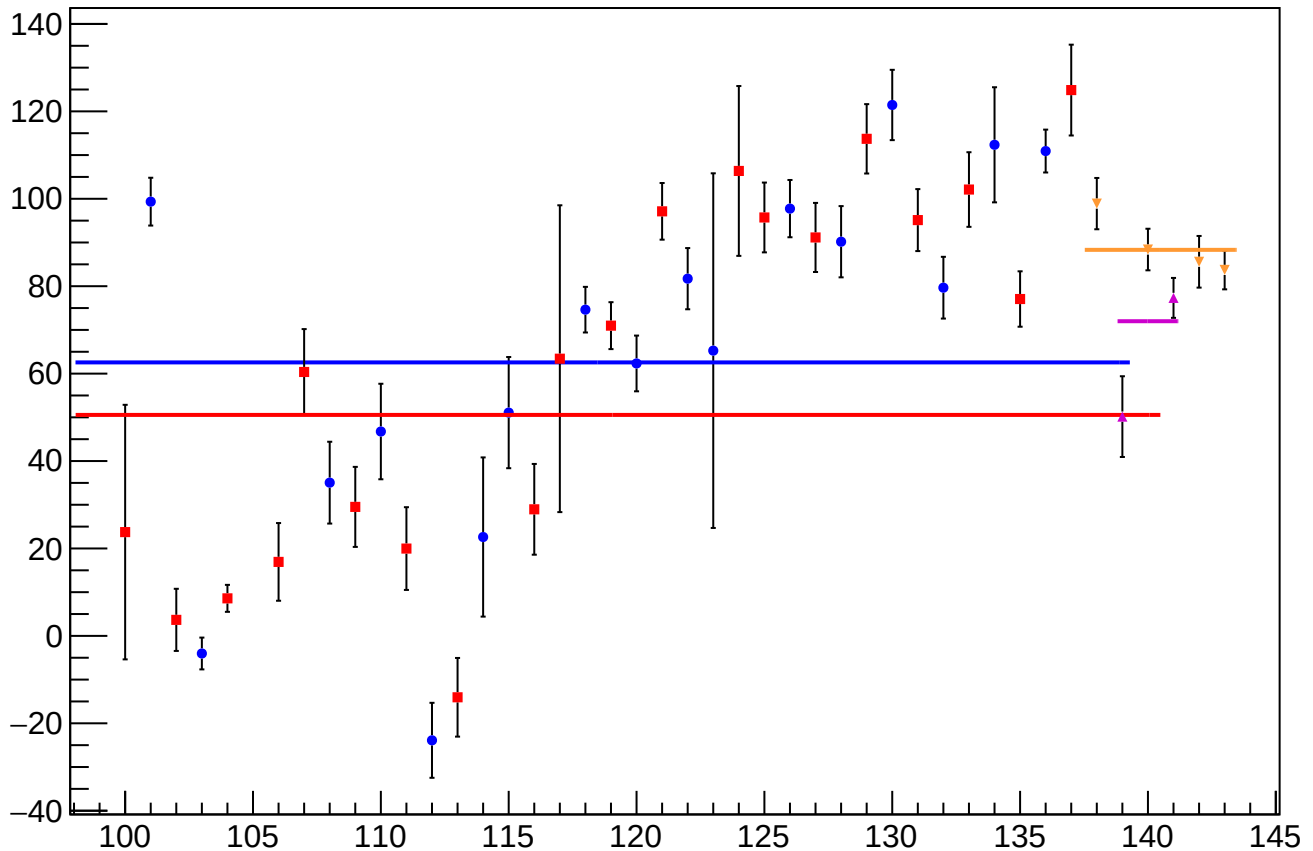
Right Out: 262.101 ± 2.455 χ^2/NDF : 8227.6/19

Left In: 358.761 ± 4.037 χ^2/NDF : 30.1/1

277.459 ± 1.897 χ^2/NDF : 7802.0/20

288.190 ± 2.097 χ^2/NDF : 8676.2/21

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 88.317 $\pm$ 2.561 χ^2 /NDF:4.5/3

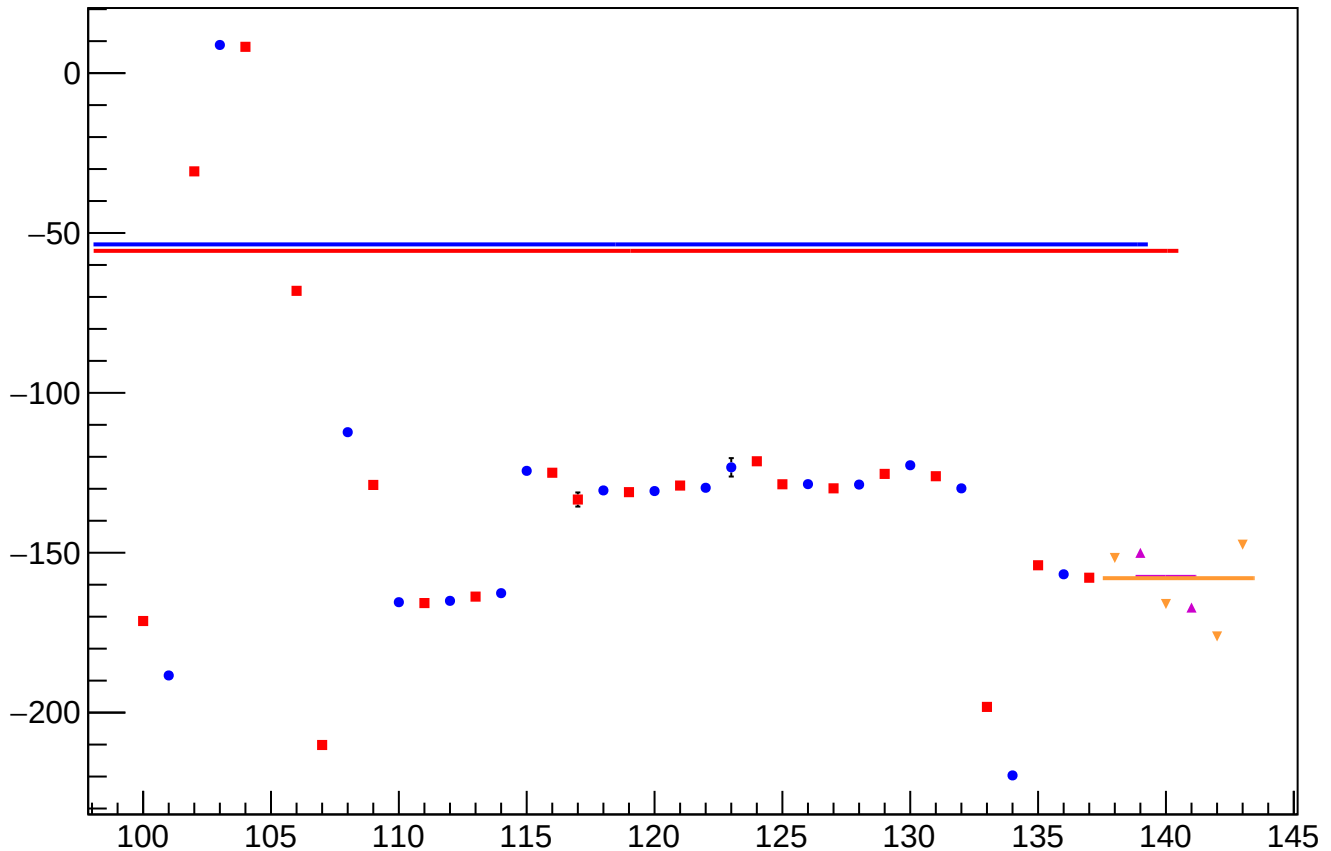
Right Out: 50.554 $\pm$ 1.642 χ^2 /NDF: 657.1/19

Left In: 71.989 $\pm$ 4.094 χ^2 /NDF:7.0/1

70.301 $\pm$ 1.404 χ^2 /NDF: 797.7/20

53.524 $\pm$ 1.524 χ^2 /NDF: 687.7/21

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -157.962 ± 0.121 $\chi^2/\text{NDF}: 7183.2/3$

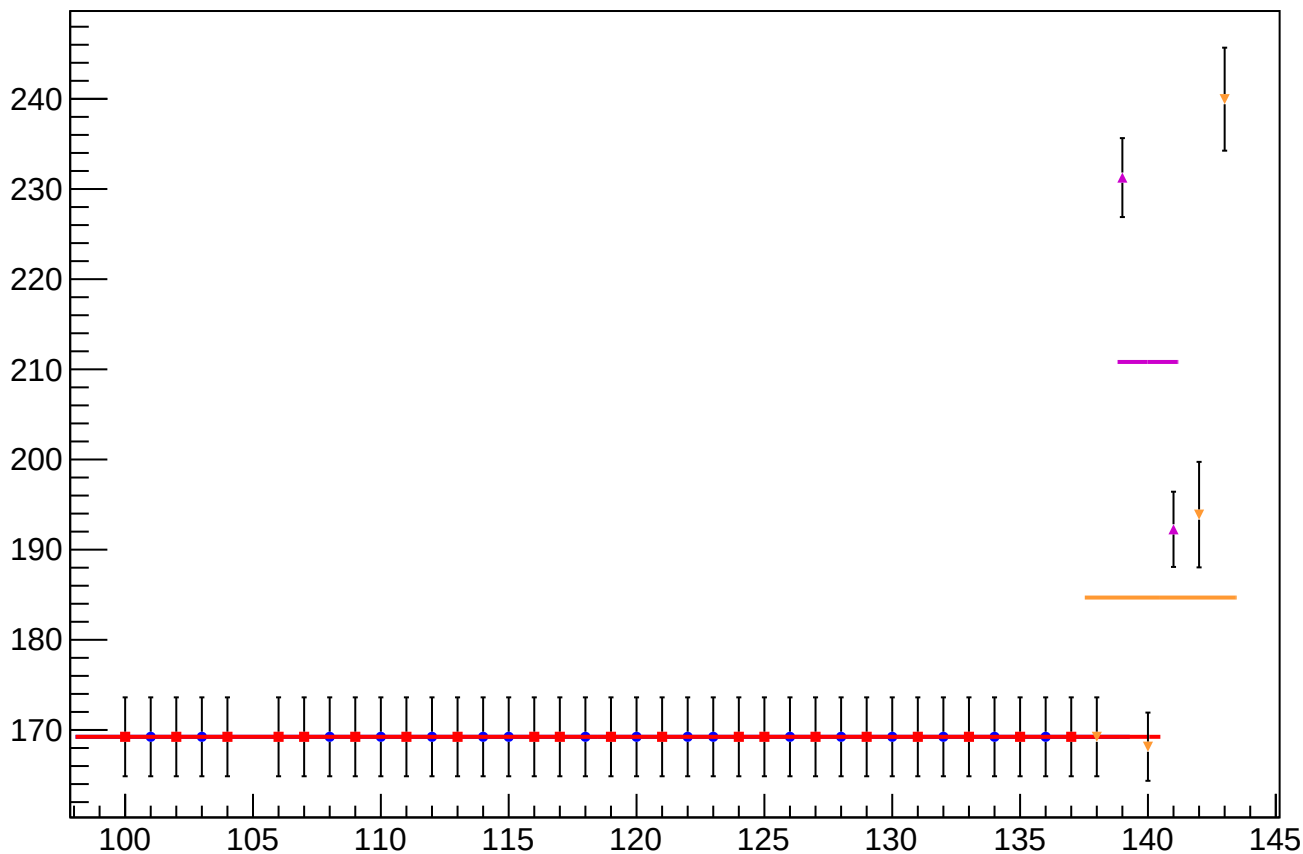
Right Out: -55.585 ± 0.072 $\chi^2/\text{NDF}: 970875.1/19$

Left In: -157.552 ± 0.152 $\chi^2/\text{NDF}: 3118.2/1$

-79.844 ± 0.061 $\chi^2/\text{NDF}: 1792890.6/20$

-74.199 ± 0.065 $\chi^2/\text{NDF}: 1341478.2/21$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 169.242 $\pm$ 1.061 χ^2 /NDF: 0.0/16

Left Out: 184.687 $\pm$ 2.344 χ^2 /NDF:127.7/3

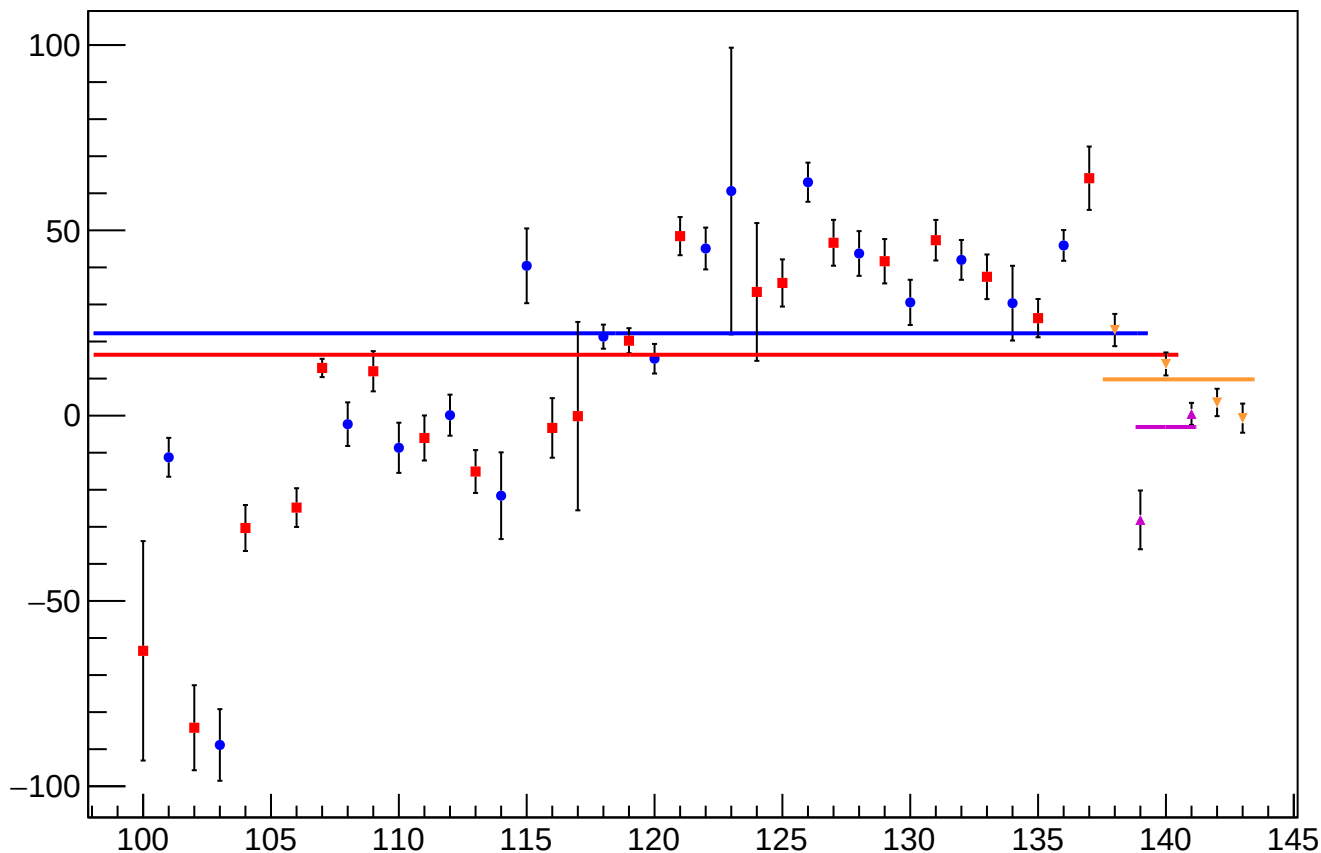
Right Out: 169.242 $\pm$ 0.979 χ^2 /NDF: 0.0/19

Left In: 210.818 $\pm$ 3.020 χ^2 /NDF:41.6/1

171.870 $\pm$ 0.967 χ^2 /NDF: 163.7/20

173.192 $\pm$ 0.931 χ^2 /NDF: 213.1/21

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: 9.797 $\pm$ 1.841 χ^2 /NDF: 21.1/3

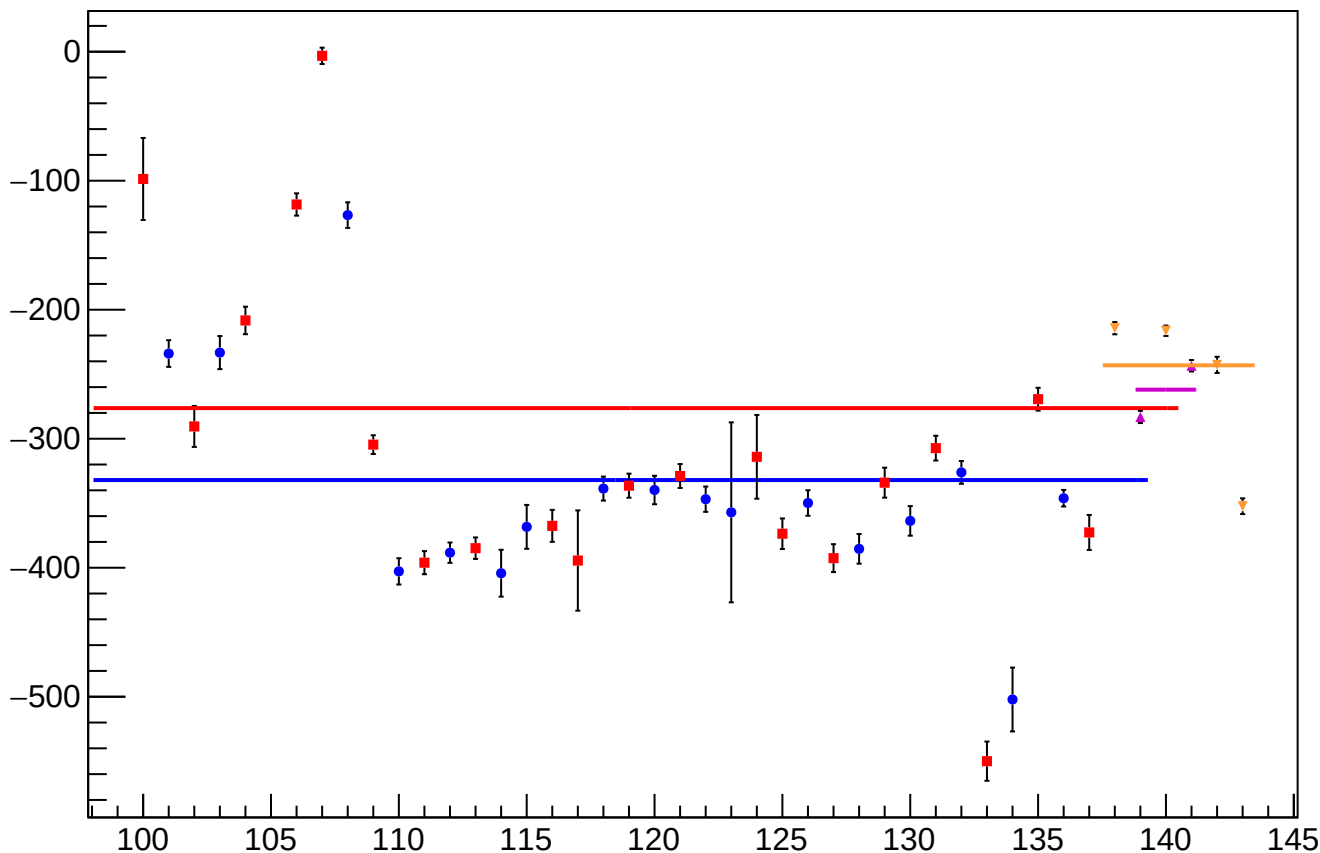
Right Out: 16.427 $\pm$ 1.228 χ^2 /NDF: 426.3/19

Left In: -3.061 $\pm$ 2.785 χ^2 /NDF: 11.4/1

17.778 $\pm$ 1.101 χ^2 /NDF: 436.0/20

13.254 $\pm$ 1.124 χ^2 /NDF: 478.7/21

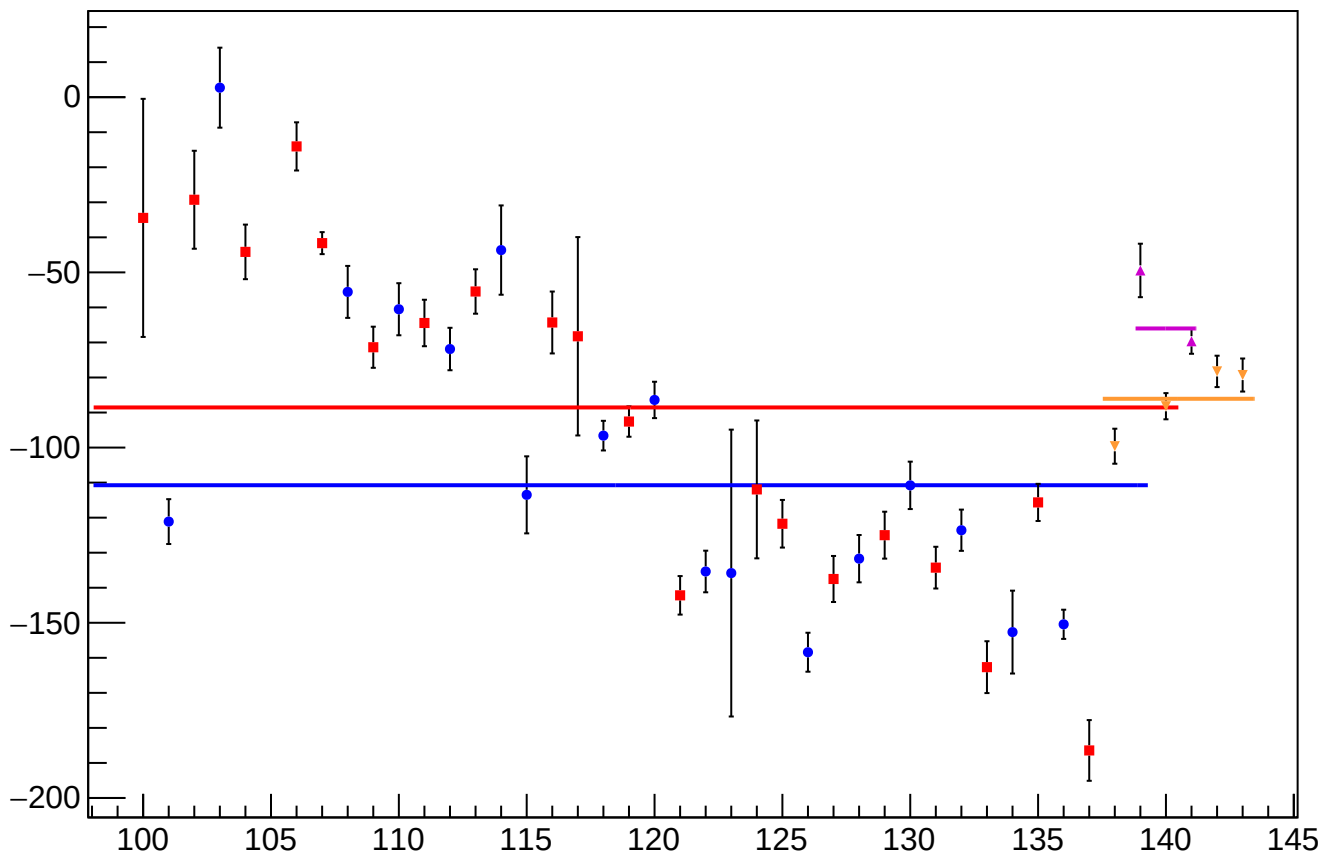
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



-286.693 ± 1.794 $\chi^2/\text{NDF}: 1801.3/20$

-271.421 ± 1.886 $\chi^2/\text{NDF}: 3422.4/21$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745+/-1.578 χ^2/NDF : 513.4/16

Left Out: -86.074+/-2.201 χ^2/NDF : 12.8/3

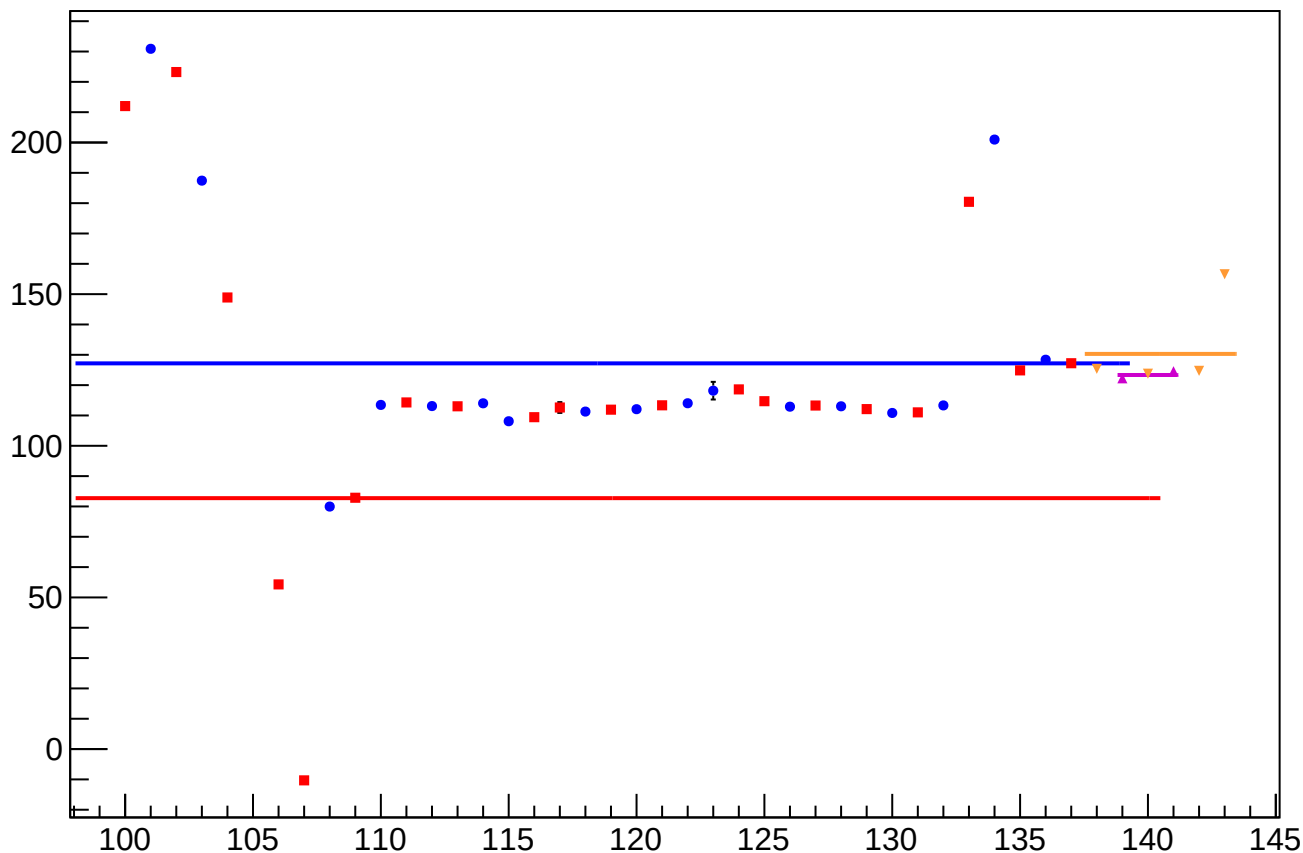
Right Out: -88.548+/-1.433 χ^2/NDF : 970.2/19

Left In: -66.007+/-3.241 χ^2/NDF : 5.7/1

-102.371+/-1.282 χ^2/NDF : 609.2/20

-84.863+/-1.310 χ^2/NDF : 1016.4/21

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 ± 0.089 $\chi^2/\text{NDF}: 188050.9/16$

Left Out: 130.298 ± 0.104 $\chi^2/\text{NDF}: 14060.0/3$

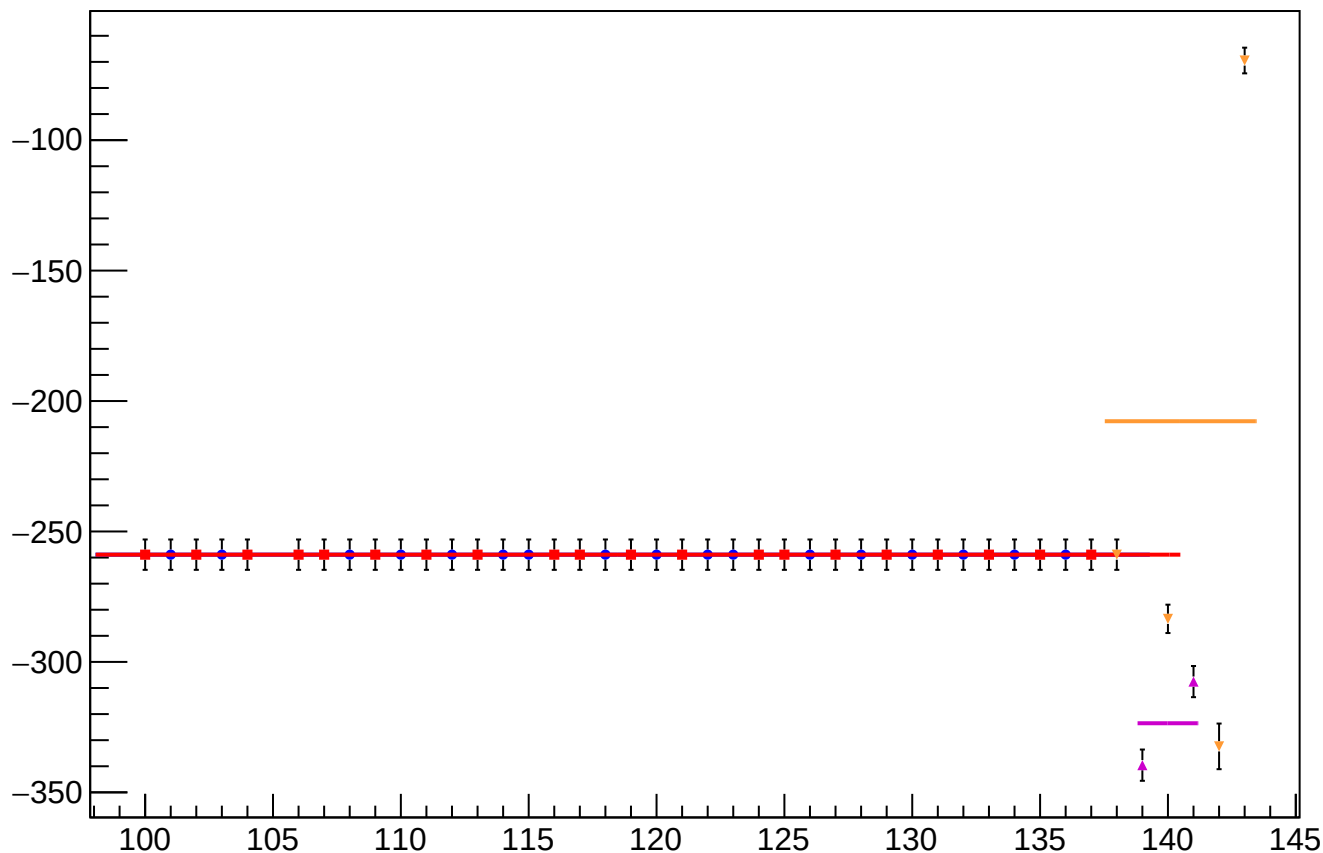
Right Out: 82.737 ± 0.075 $\chi^2/\text{NDF}: 765998.9/19$

Left In: 123.345 ± 0.123 $\chi^2/\text{NDF}: 90.8/1$

128.503 ± 0.068 $\chi^2/\text{NDF}: 202631.9/20$

93.845 ± 0.064 $\chi^2/\text{NDF}: 845783.1/21$

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -258.891 ± 1.411 χ^2/NDF : 0.0/16

Left Out: -207.741 ± 2.915 χ^2/NDF : 1263.1/3

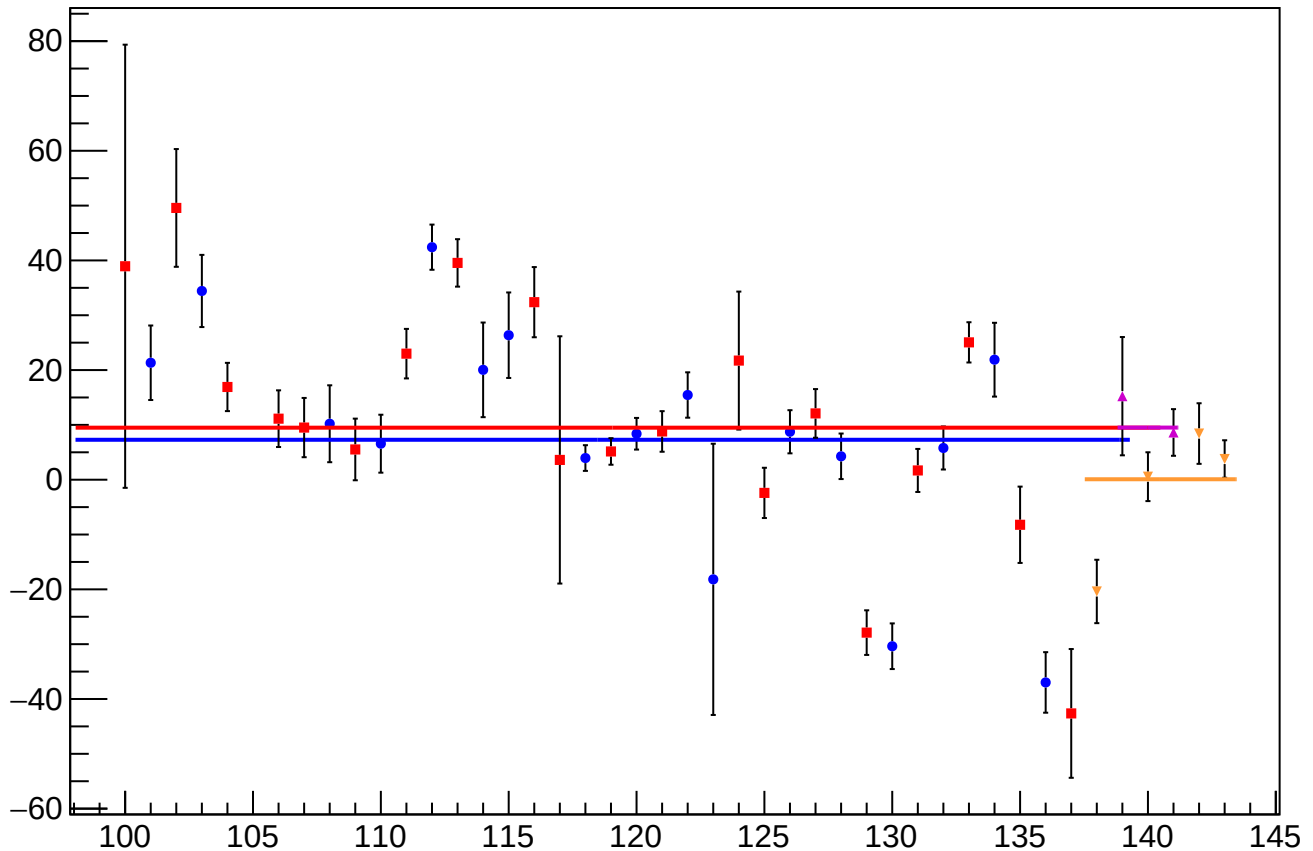
Right Out: -258.891 ± 1.301 χ^2/NDF : 0.0/19

Left In: -323.512 ± 4.231 χ^2/NDF : 14.3/1

-249.176 ± 1.270 χ^2/NDF : 1512.6/20

-264.475 ± 1.244 χ^2/NDF : 227.4/21

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 $\pm$ 1.084 χ^2/NDF : 261.0/16

Left Out: 0.083 $\pm$ 2.244 χ^2/NDF : 16.0/3

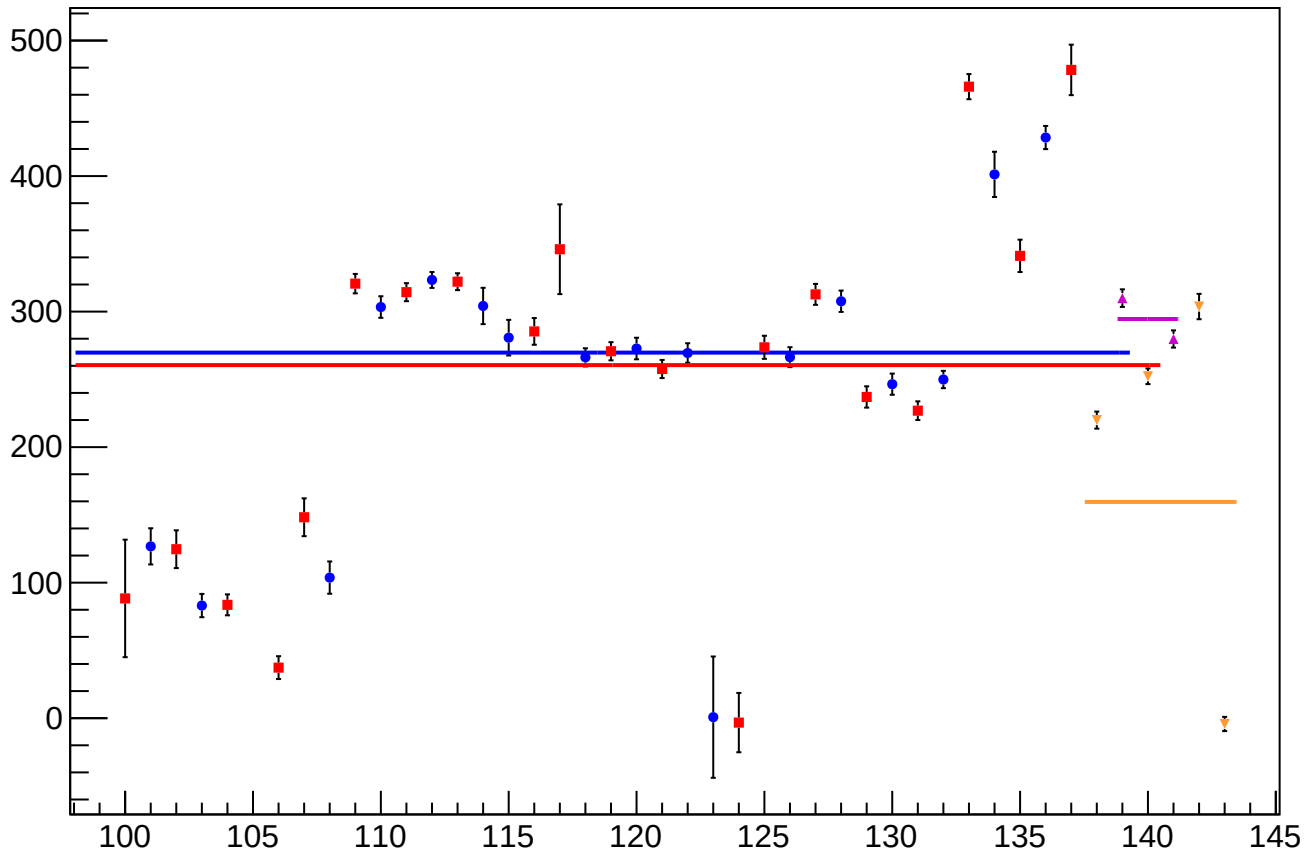
Right Out: 9.491 $\pm$ 1.073 χ^2/NDF : 231.6/19

Left In: 9.510 $\pm$ 3.959 χ^2/NDF : 0.3/1

5.923 $\pm$ 0.976 χ^2/NDF : 285.4/20

9.493 $\pm$ 1.036 χ^2/NDF : 231.9/21

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 159.559 $\pm$ 3.122 χ^2 /NDF:1557.2/3

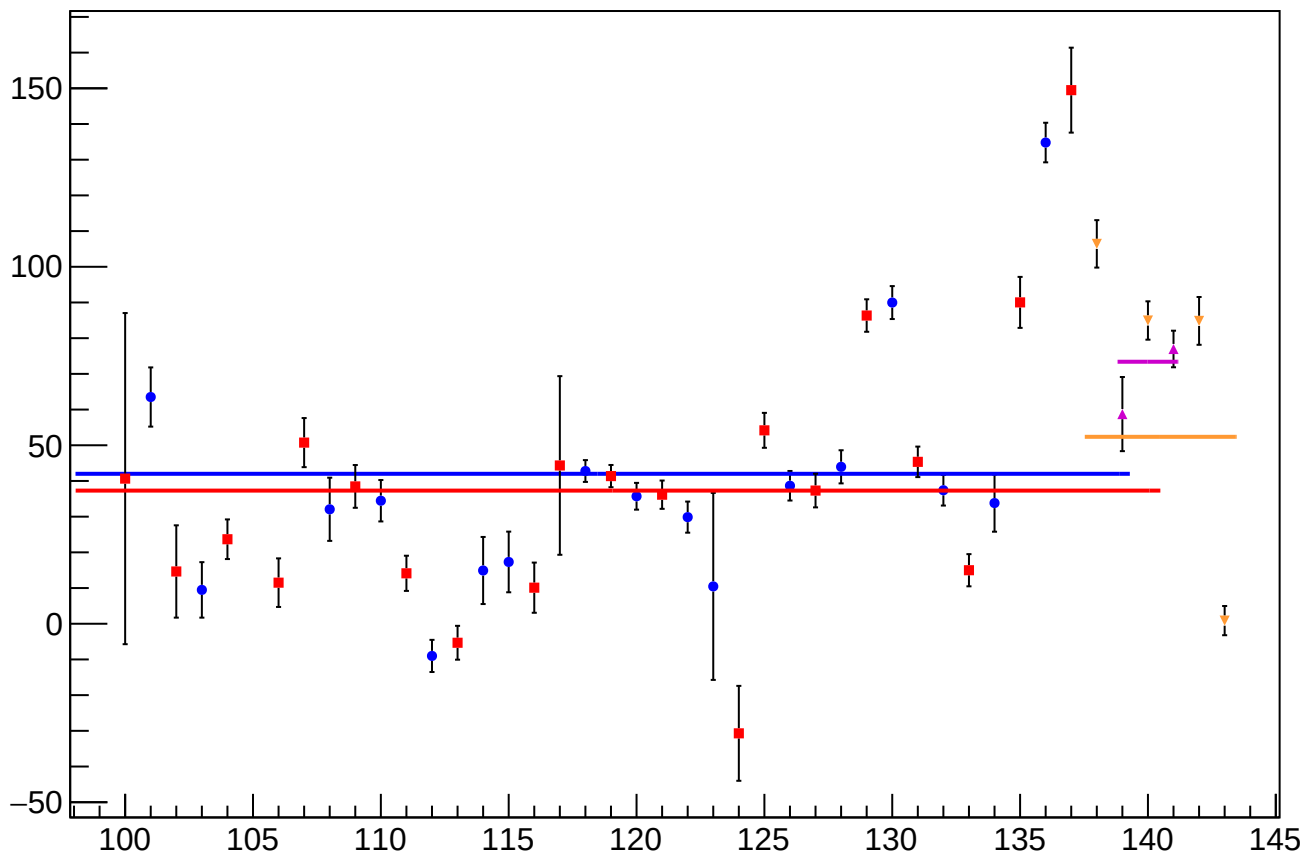
Right Out: 260.511 $\pm$ 1.974 χ^2 /NDF: 2548.2/19

Left In: 294.540 $\pm$ 4.539 χ^2 /NDF:11.0/1

236.069 $\pm$ 1.726 χ^2 /NDF: 3796.2/20

265.924 $\pm$ 1.810 χ^2 /NDF: 2606.5/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 52.367 ± 2.679 $\chi^2/\text{NDF}: 284.9/3$

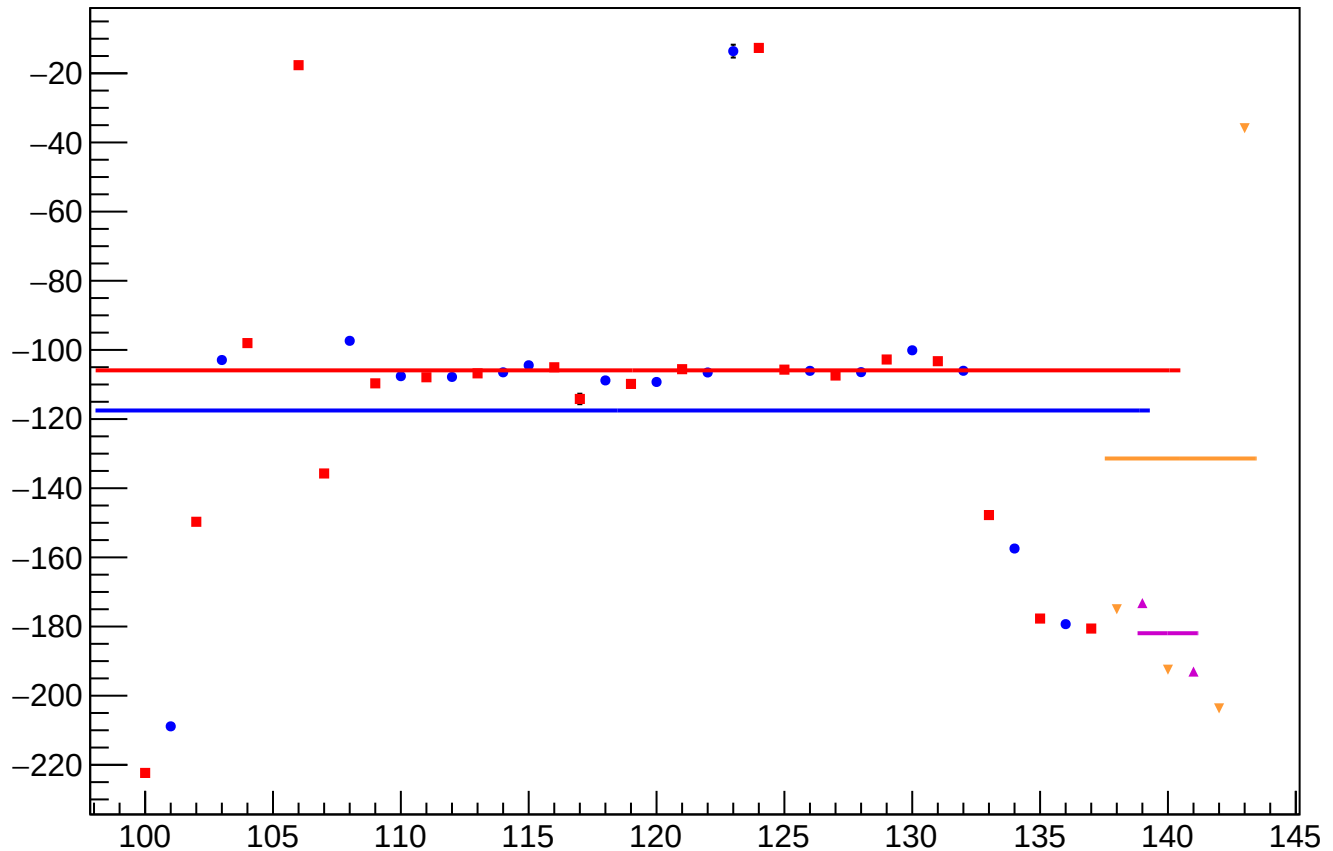
Right Out: 37.301 ± 1.236 $\chi^2/\text{NDF}: 472.7/19$

Left In: 73.398 ± 4.596 $\chi^2/\text{NDF}: 2.5/1$

43.872 ± 1.137 $\chi^2/\text{NDF}: 872.7/20$

39.734 ± 1.193 $\chi^2/\text{NDF}: 532.7/21$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -131.402+/-0.128 χ^2/NDF : 331510.9/3

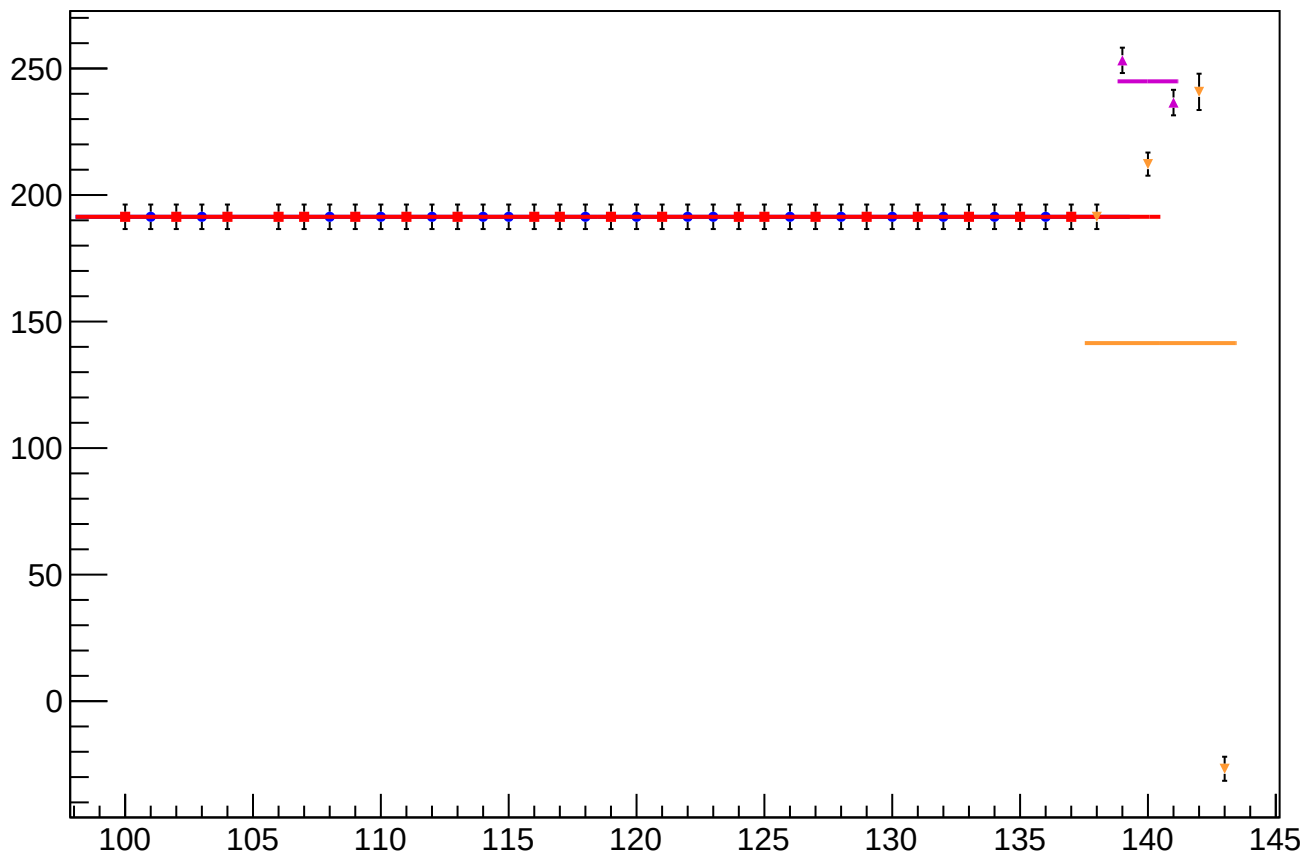
Right Out: -105.911+/-0.073 χ^2/NDF : 324334.0/19

Left In: -181.935+/-0.171 χ^2/NDF : 3314.6/1

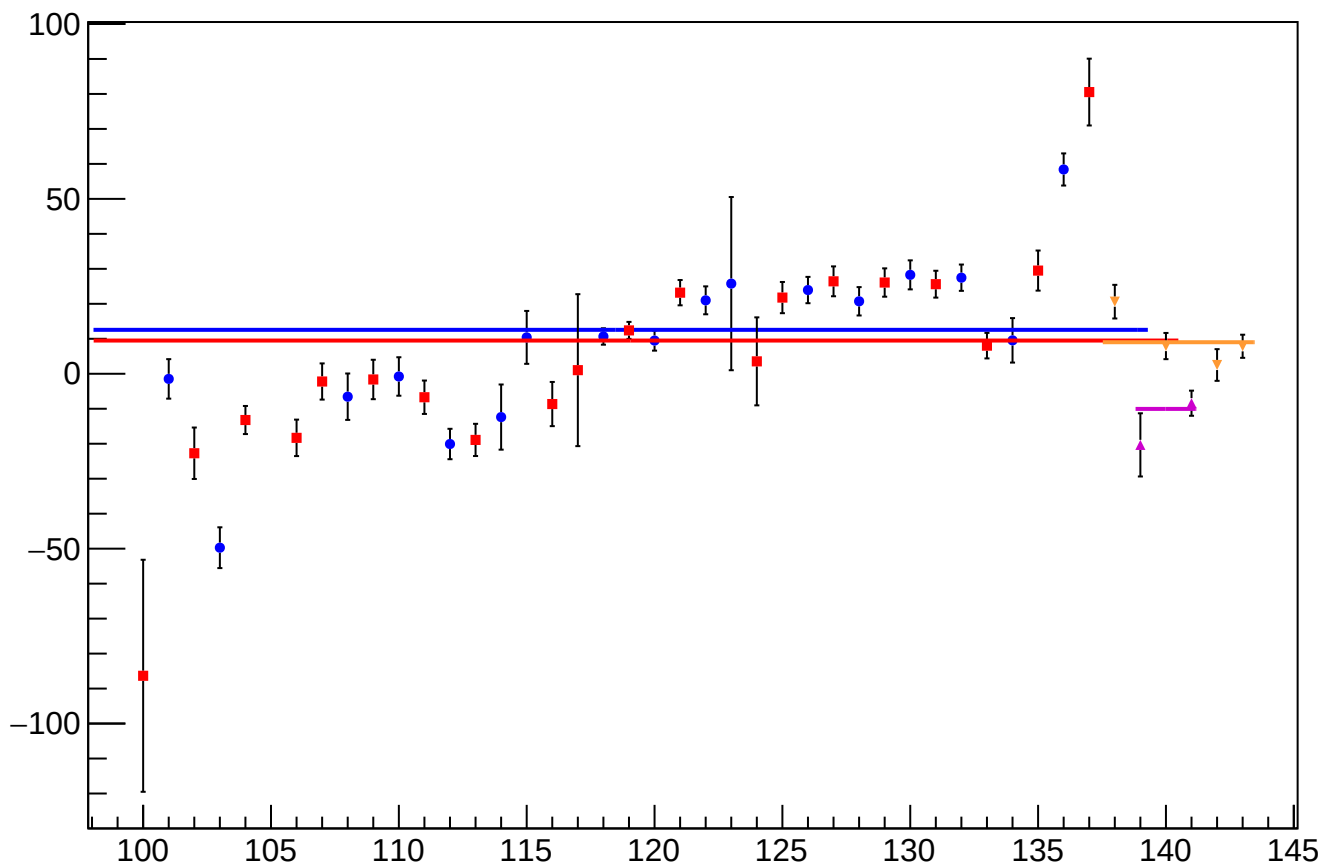
-121.284+/-0.067 χ^2/NDF : 482126.9/20

-117.577+/-0.067 χ^2/NDF : 495381.0/21

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.056 χ^2/NDF : 347.7/16

Left Out: 9.020 $\pm$ 1.982 χ^2/NDF : 8.1/3

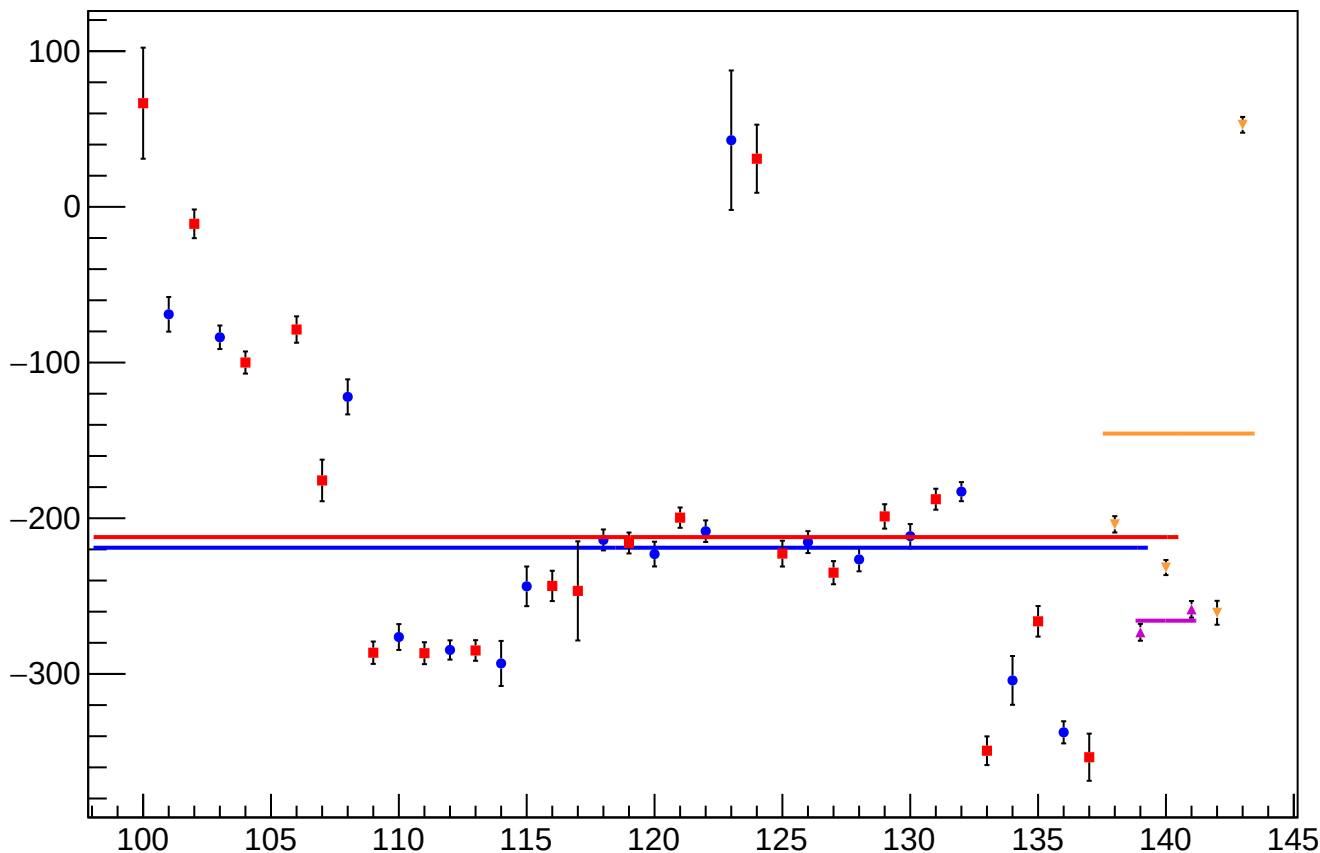
Right Out: 9.499 $\pm$ 1.049 χ^2/NDF : 296.4/19

Left In: -10.045 $\pm$ 3.338 χ^2/NDF : 1.5/1

11.779 $\pm$ 0.932 χ^2/NDF : 358.3/20

7.742 $\pm$ 1.001 χ^2/NDF : 329.1/21

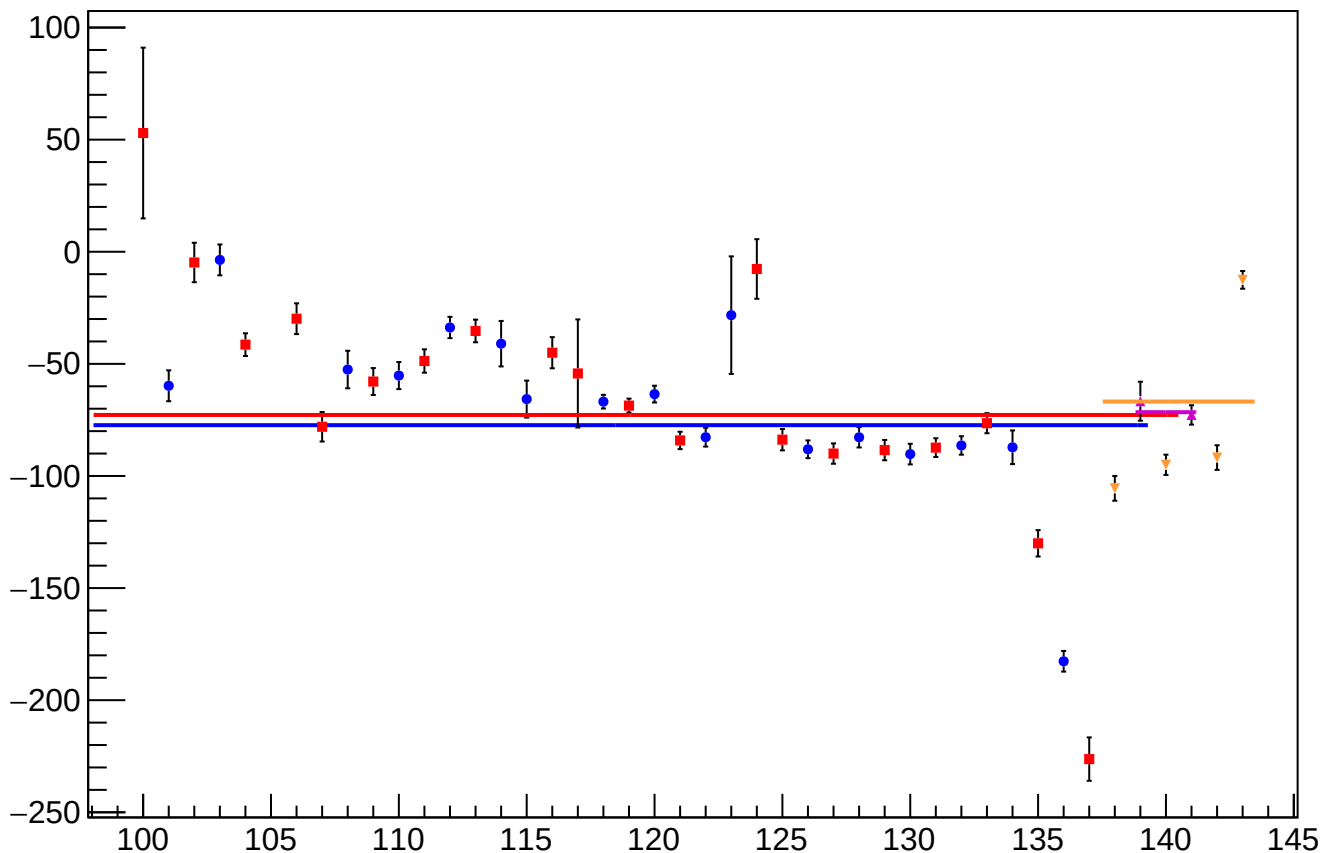
reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



-193.209 ± 1.616 $\chi^2/\text{NDF}: 3802.4/20$

-222.966 ± 1.715 $\chi^2/\text{NDF}: 2049.3/21$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 $\pm$ 1.219 χ^2 /NDF: 817.2/16

Left Out: -66.813 $\pm$ 2.364 χ^2 /NDF: 297.3/3

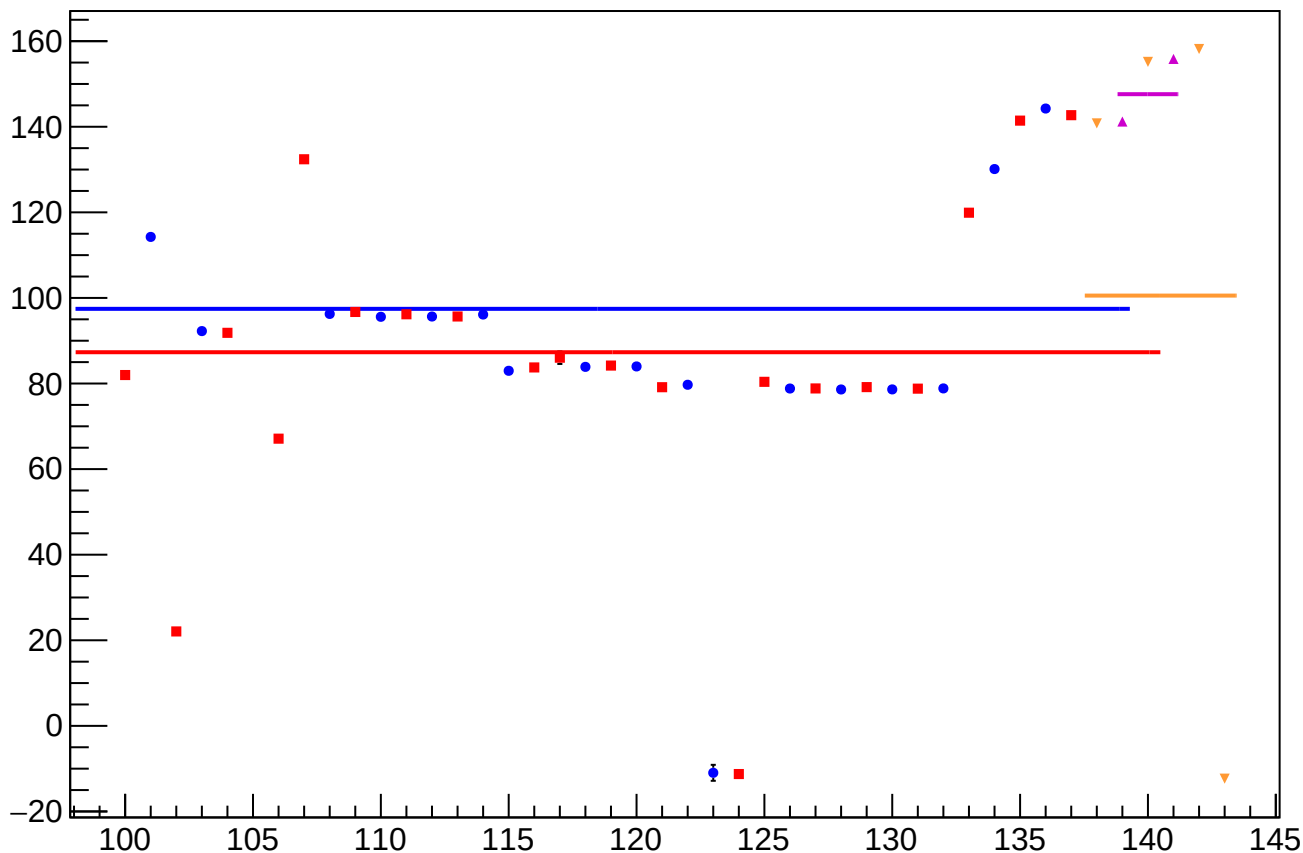
Right Out: -72.789 $\pm$ 1.207 χ^2 /NDF: 673.5/19

Left In: -71.559 $\pm$ 3.872 χ^2 /NDF: 0.4/1

-75.130 $\pm$ 1.084 χ^2 /NDF: 1130.2/20

-72.680 $\pm$ 1.152 χ^2 /NDF: 674.0/21

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 100.548 $\pm$ 0.112 χ^2 /NDF: 446949.8/3

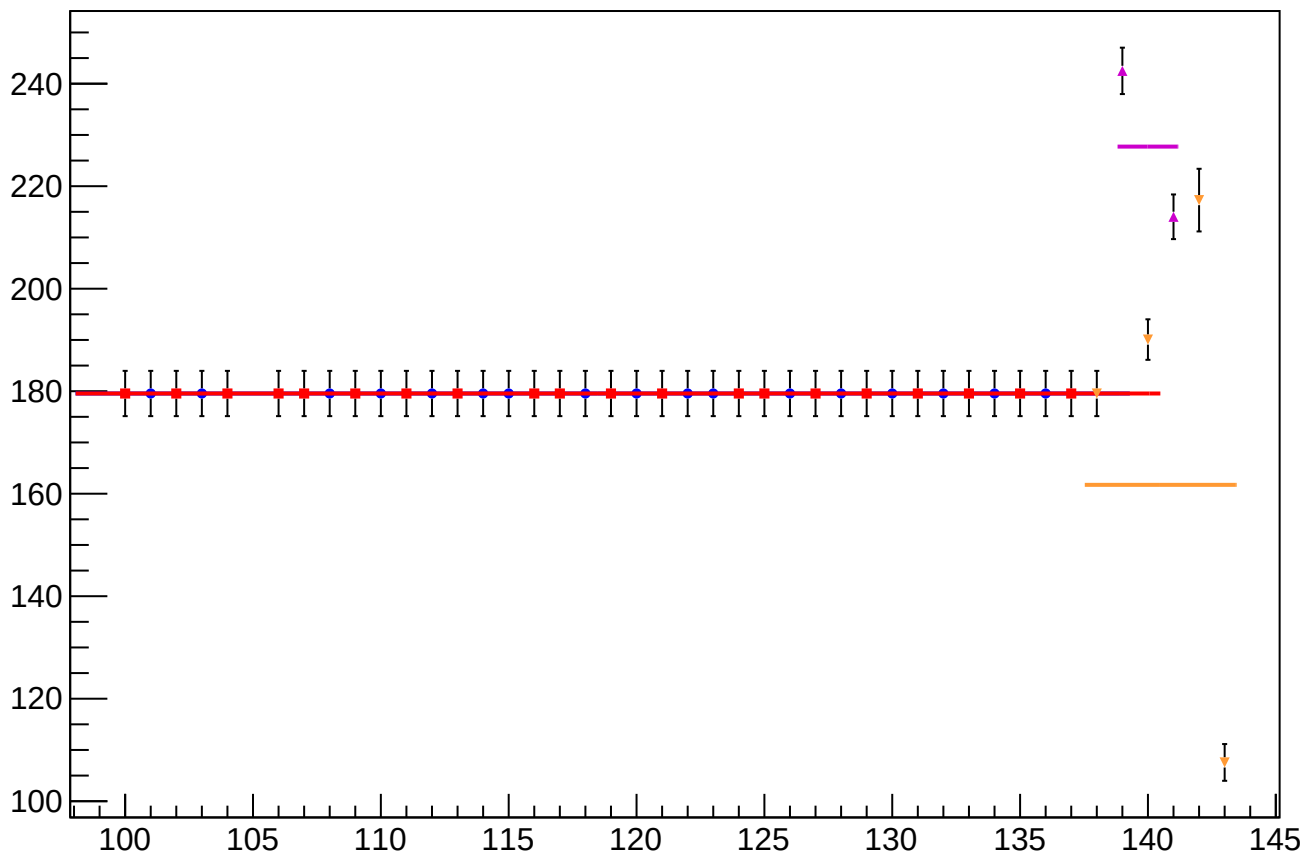
Right Out: 87.312 $\pm$ 0.068 χ^2 /NDF: 221838.4/19

Left In: 147.612 $\pm$ 0.143 χ^2 /NDF: 2559.6/1

98.381 $\pm$ 0.061 χ^2 /NDF: 541961.9/20

98.420 $\pm$ 0.062 χ^2 /NDF: 368545.6/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 179.552 $\pm$ 1.071 χ^2 /NDF: 0.0/16

Left Out: 161.727 $\pm$ 2.133 χ^2 /NDF: 378.5/3

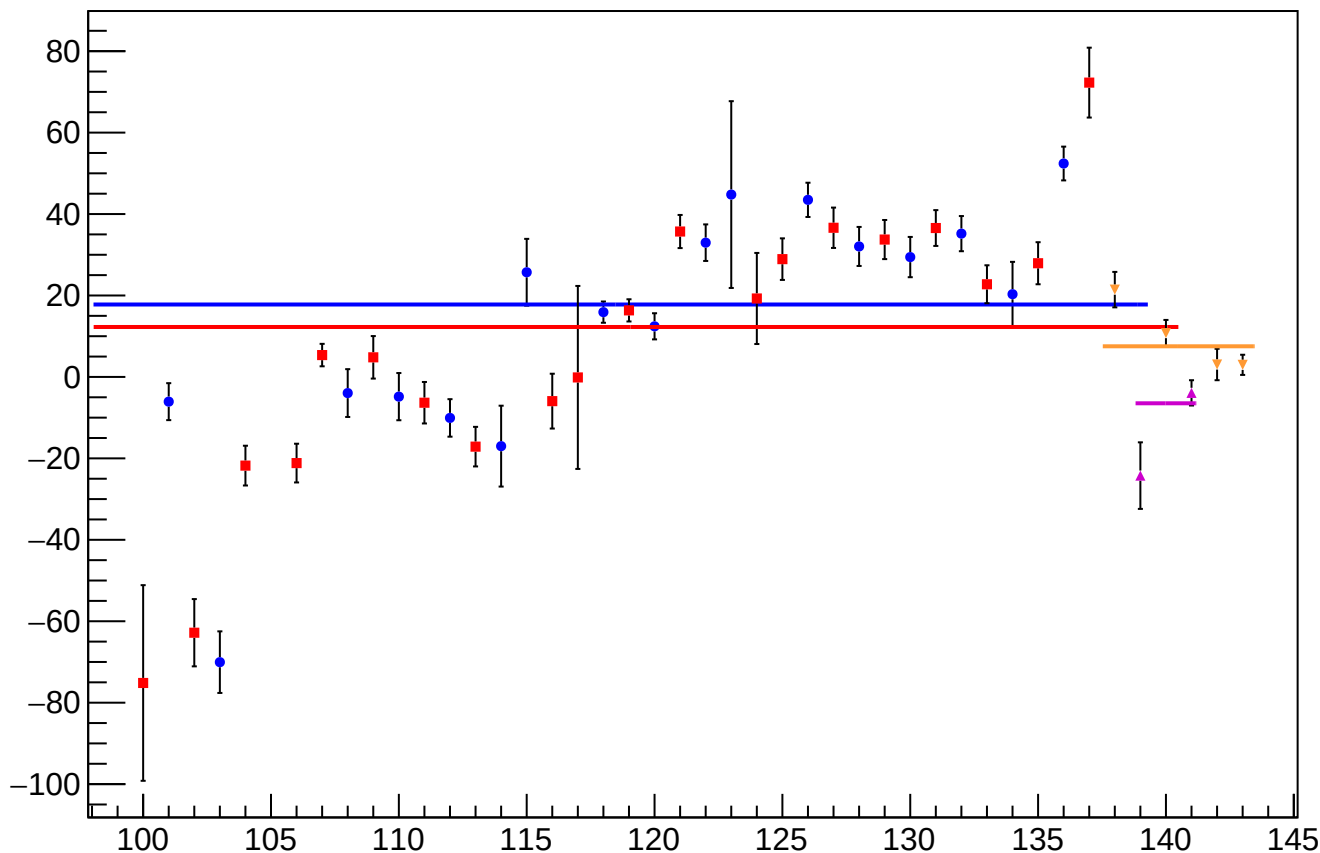
Right Out: 179.552 $\pm$ 0.988 χ^2 /NDF: 0.0/19

Left In: 227.726 $\pm$ 3.139 χ^2 /NDF: 20.5/1

175.962 $\pm$ 0.957 χ^2 /NDF: 434.3/20

183.890 $\pm$ 0.942 χ^2 /NDF: 234.8/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.786 ± 1.146 χ^2/NDF : 395.1/16

Left Out: 7.523 ± 1.626 χ^2/NDF : 15.9/3

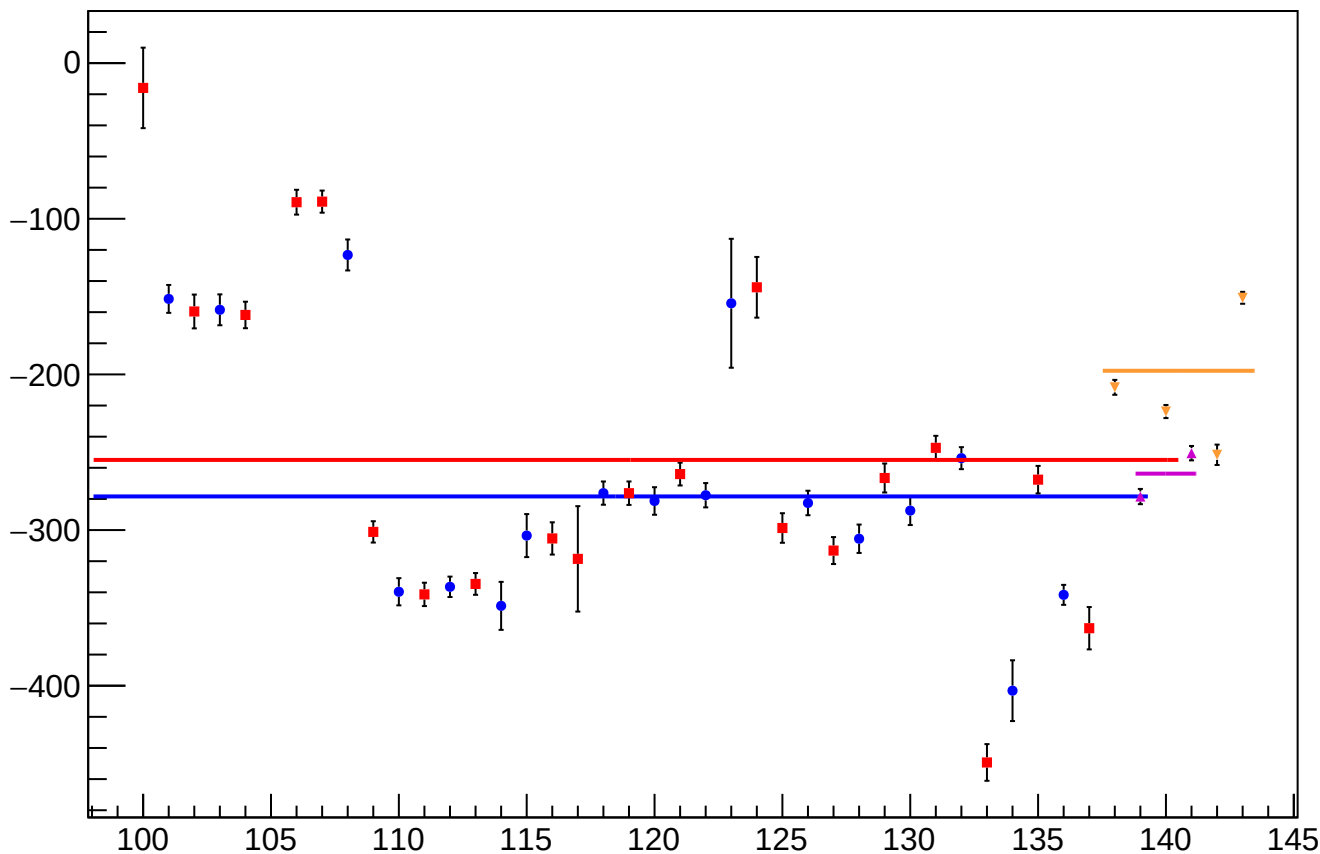
Right Out: 12.265 ± 1.085 χ^2/NDF : 444.0/19

Left In: -6.475 ± 2.902 χ^2/NDF : 5.4/1

14.377 ± 0.937 χ^2/NDF : 437.7/20

9.968 ± 1.016 χ^2/NDF : 486.0/21

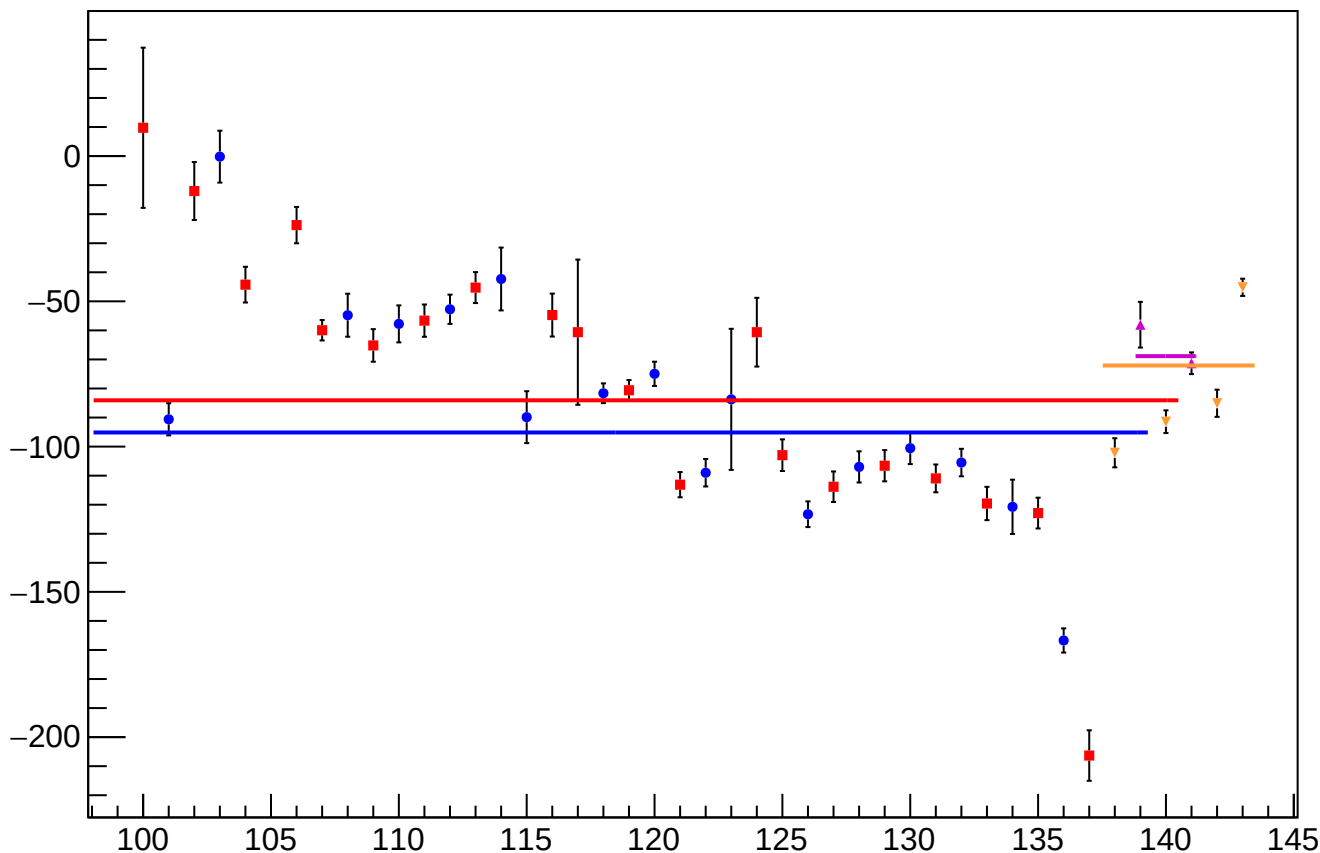
reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



-240.136 ± 1.572 $\chi^2/\text{NDF}: 1829.6/20$

-257.259 ± 1.730 $\chi^2/\text{NDF}: 2064.2/21$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 $\pm$ 1.322 χ^2 /NDF: 674.9/16

Left Out: -72.088 $\pm$ 1.944 χ^2 /NDF:150.4/3

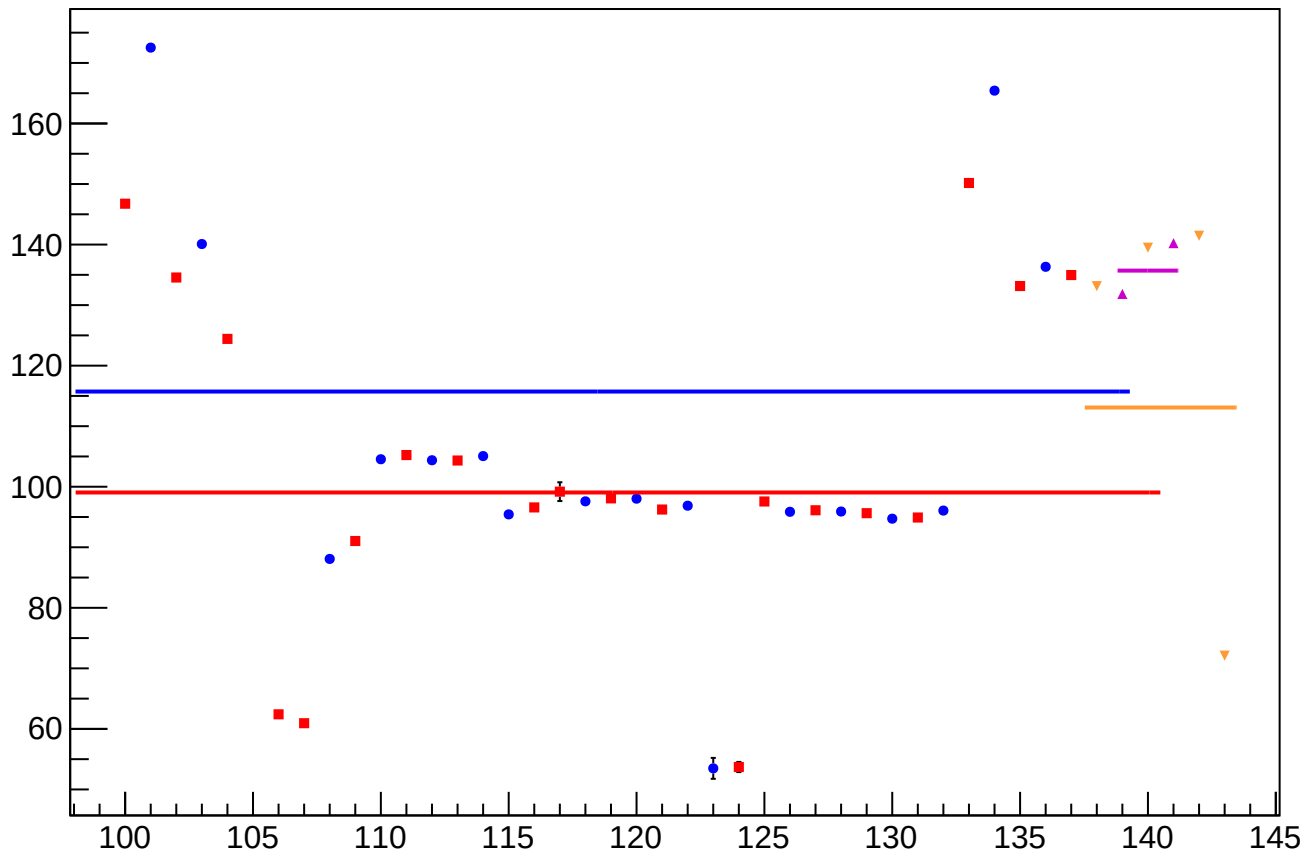
Right Out: -84.065 $\pm$ 1.257 χ^2 /NDF: 783.8/19

Left In: -68.869 $\pm$ 3.377 χ^2 /NDF:2.3/1

-87.844 $\pm$ 1.093 χ^2 /NDF: 921.4/20

-82.215 $\pm$ 1.178 χ^2 /NDF: 803.9/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 113.084+/-0.094 χ^2/NDF :114694.8/3

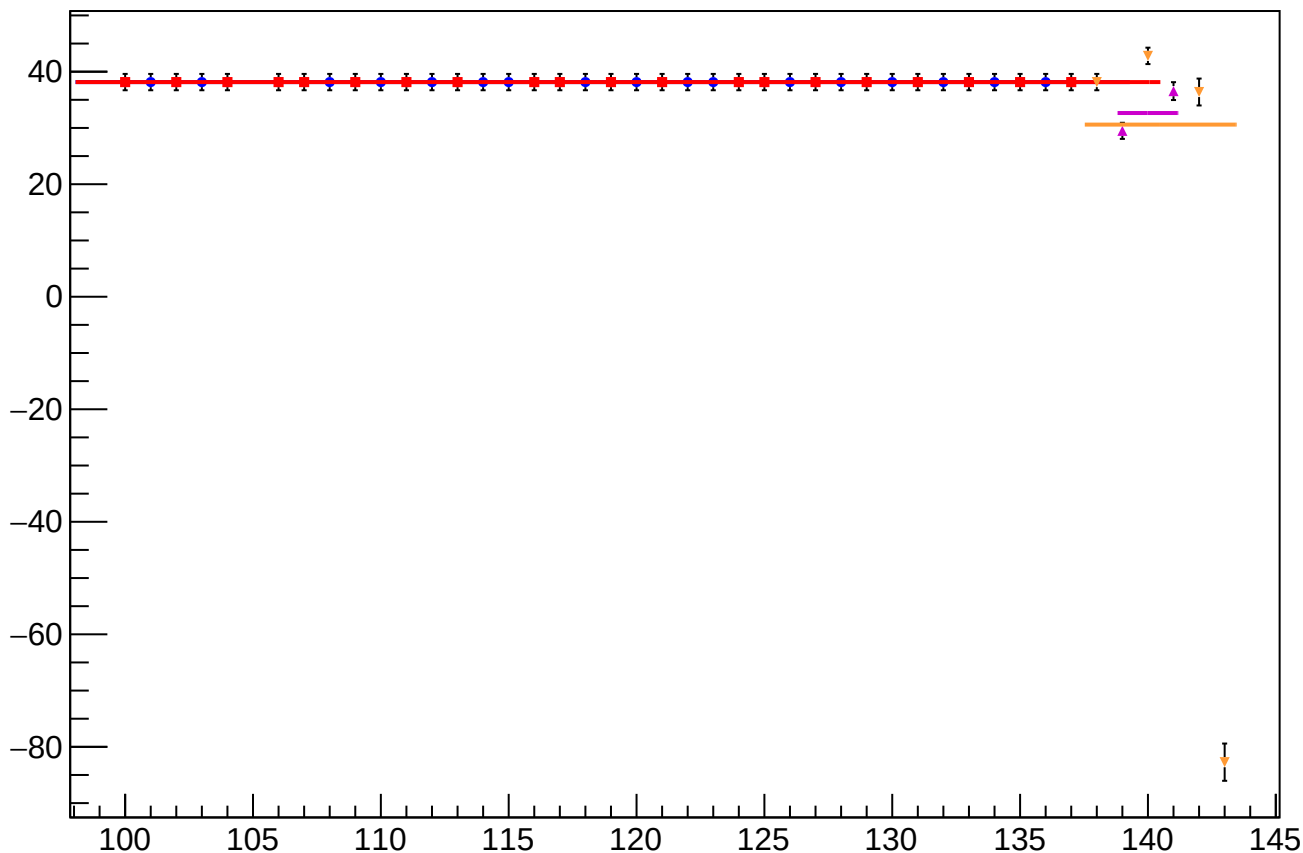
Right Out: 99.049+/-0.068 χ^2/NDF : 173463.3/19

Left In: 135.698+/-0.127 χ^2/NDF :1078.3/1

114.643+/-0.060 χ^2/NDF : 221552.0/20

107.272+/-0.060 χ^2/NDF : 238882.0/21

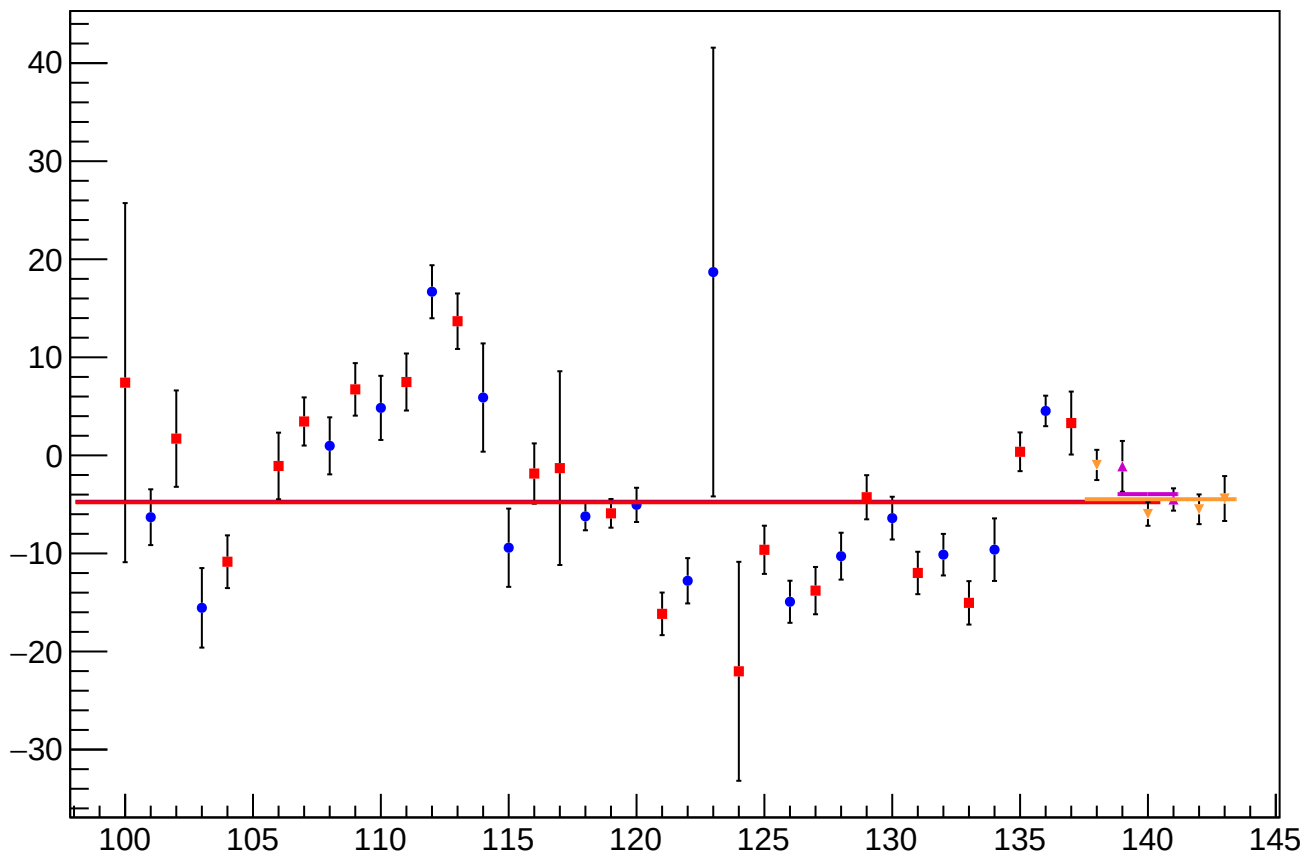
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



37.165 ± 0.328 $\chi^2/\text{NDF}: 1334.8/20$

37.683 ± 0.310 $\chi^2/\text{NDF}: 35.4/21$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -4.471 ± 0.759 χ^2/NDF : 7.2/3

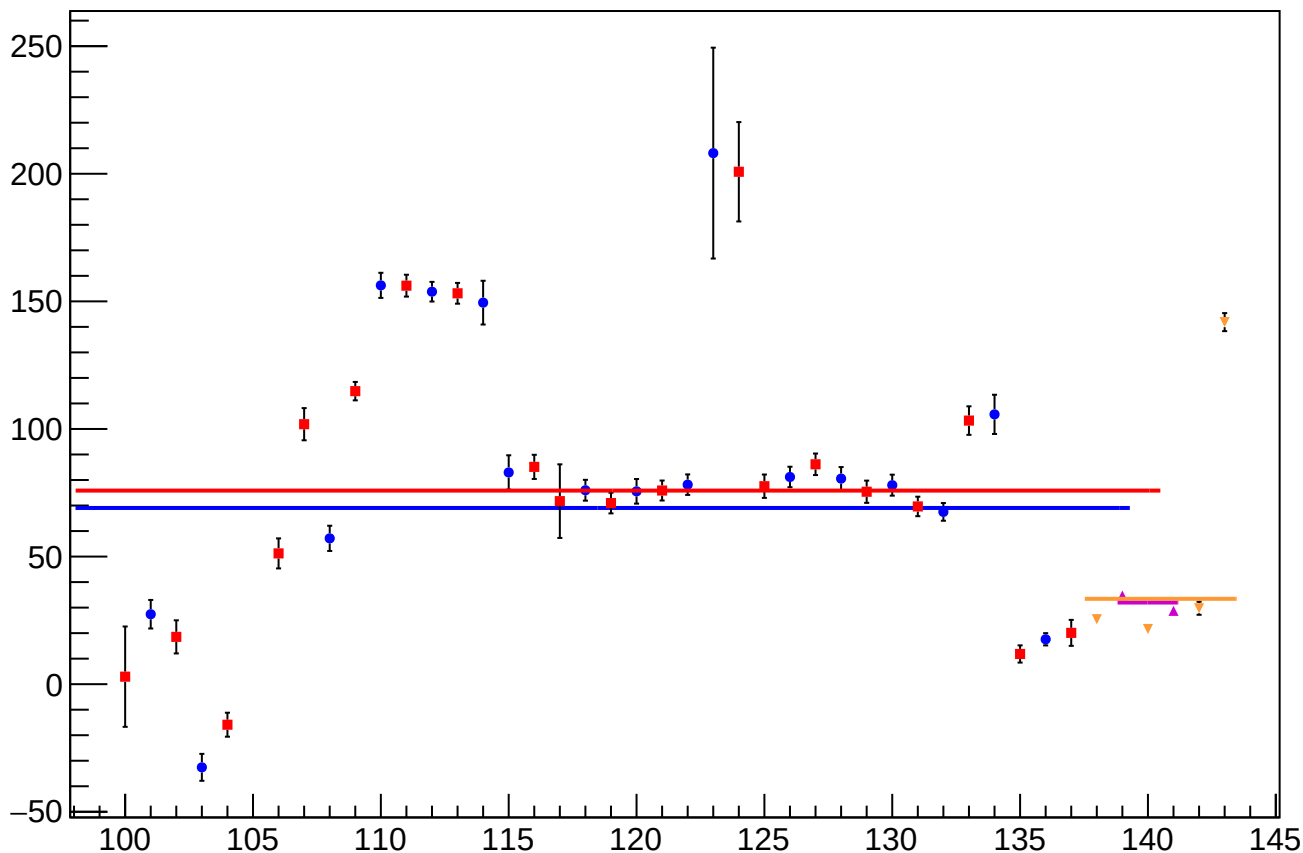
Right Out: -4.780 ± 0.585 χ^2/NDF : 193.6/19

Left In: -3.952 ± 1.042 χ^2/NDF : 1.4/1

-4.635 ± 0.461 χ^2/NDF : 182.1/20

-4.582 ± 0.510 χ^2/NDF : 195.5/21

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 33.445 $\pm$ 0.976 χ^2 /NDF:1027.0/3

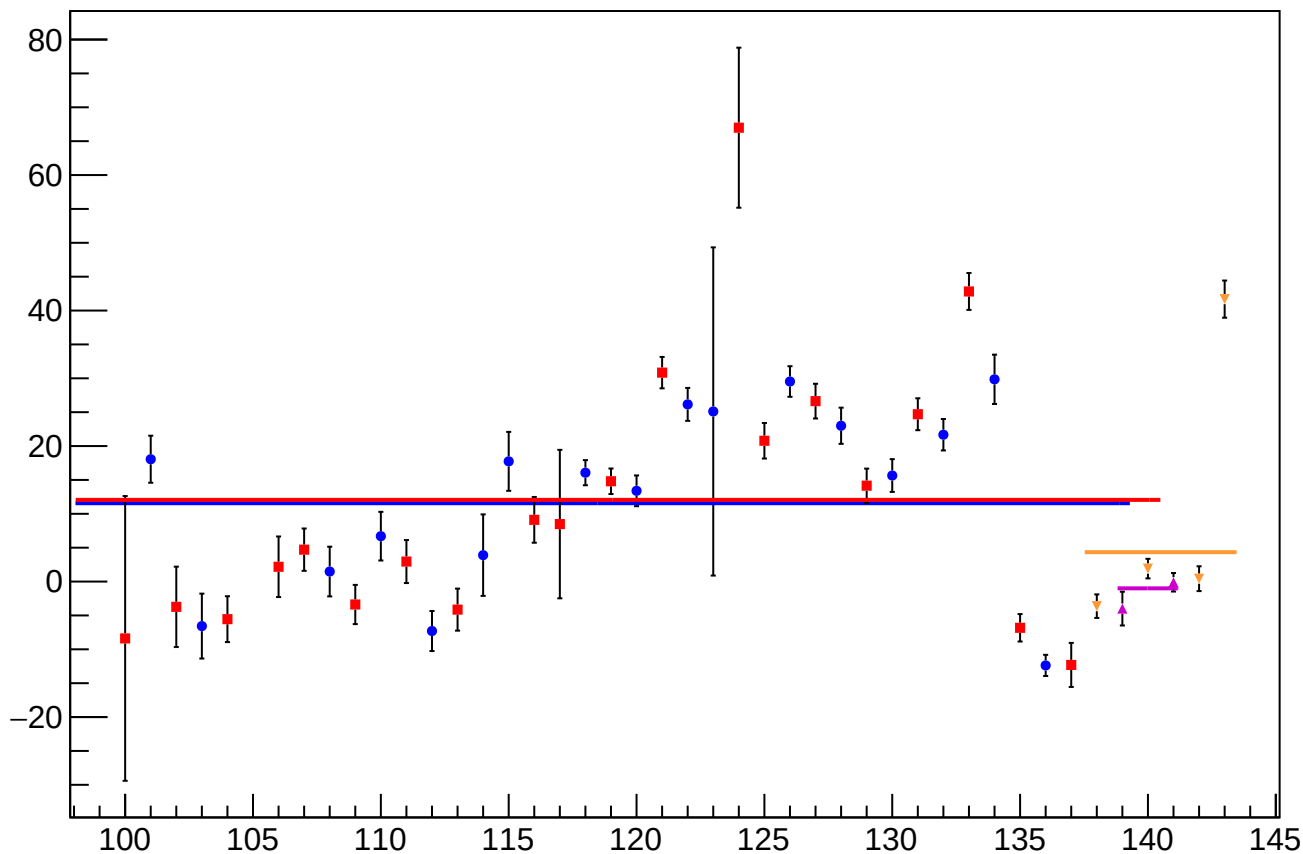
Right Out: 75.855 $\pm$ 1.067 χ^2 /NDF: 1895.1/19

Left In: 31.993 $\pm$ 1.142 χ^2 /NDF:6.9/1

49.500 $\pm$ 0.723 χ^2 /NDF: 3475.3/20

55.416 $\pm$ 0.779 χ^2 /NDF: 2690.1/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: 4.336 $\pm$ 0.898 χ^2 /NDF: 213.8/3

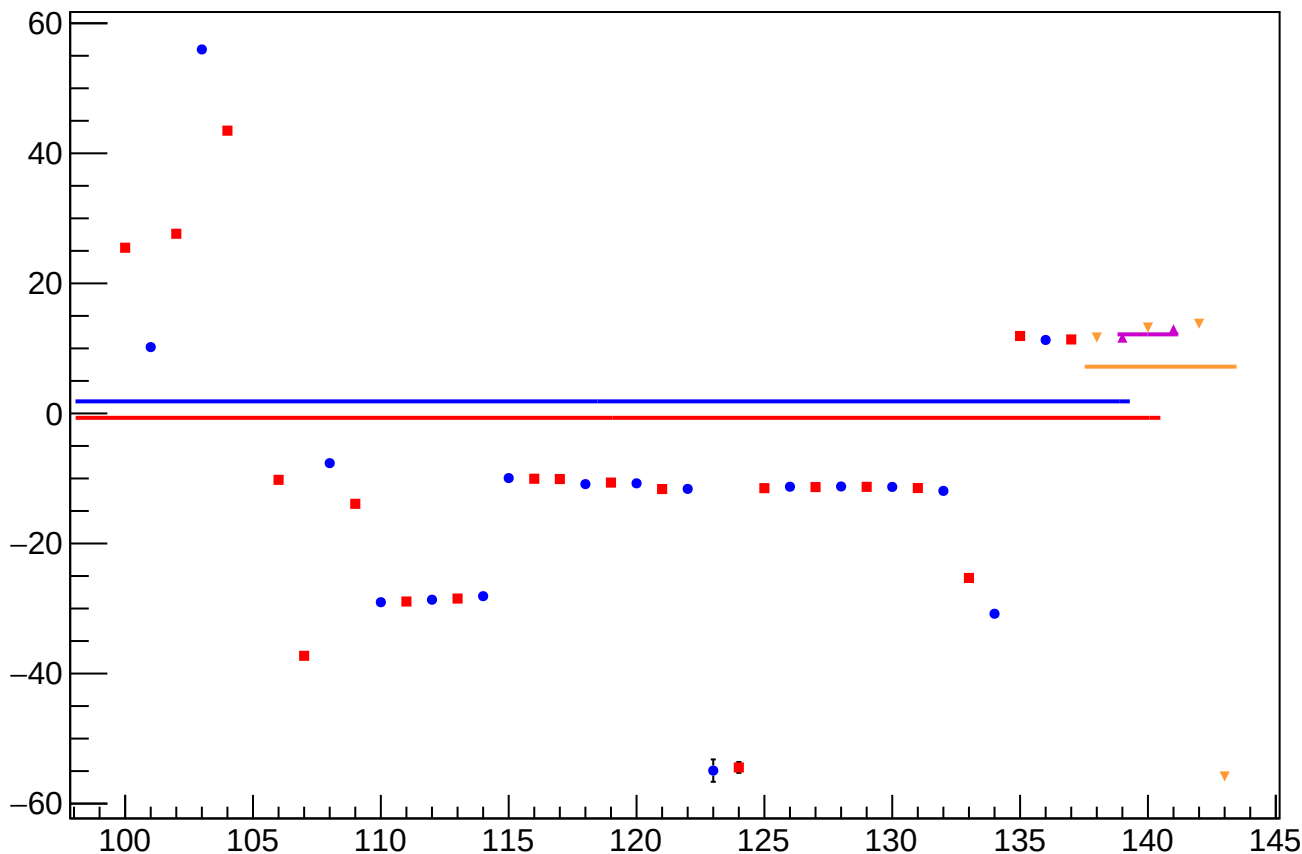
Right Out: 12.058 $\pm$ 0.663 χ^2 /NDF: 543.4/19

Left In: -1.000 $\pm$ 1.197 χ^2 /NDF: 1.9/1

9.037 $\pm$ 0.531 χ^2 /NDF: 734.2/20

8.992 $\pm$ 0.580 χ^2 /NDF: 636.3/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 $\pm$ 0.037 χ^2 /NDF: 359414.1/16

Left Out: 7.194 $\pm$ 0.040 χ^2 /NDF: 215628.4/3

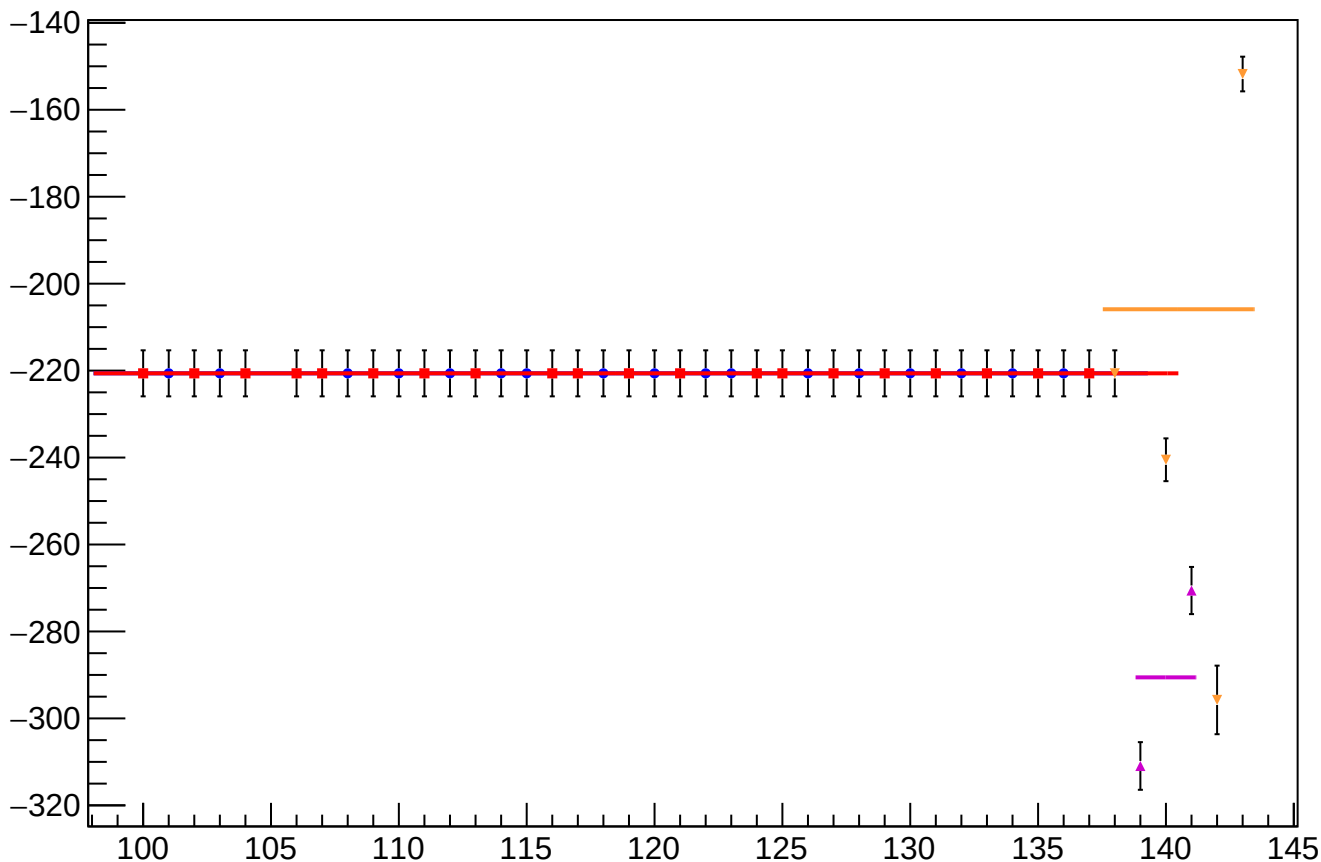
Right Out: -0.673 $\pm$ 0.037 χ^2 /NDF: 361828.1/19

Left In: 12.161 $\pm$ 0.043 χ^2 /NDF: 216.0/1

4.330 $\pm$ 0.027 χ^2 /NDF: 584693.0/20

4.840 $\pm$ 0.028 χ^2 /NDF: 413745.8/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -220.625+/-1.284 χ^2/NDF : 0.0/16

Left Out: -205.887+/-2.533 χ^2/NDF : 371.1/3

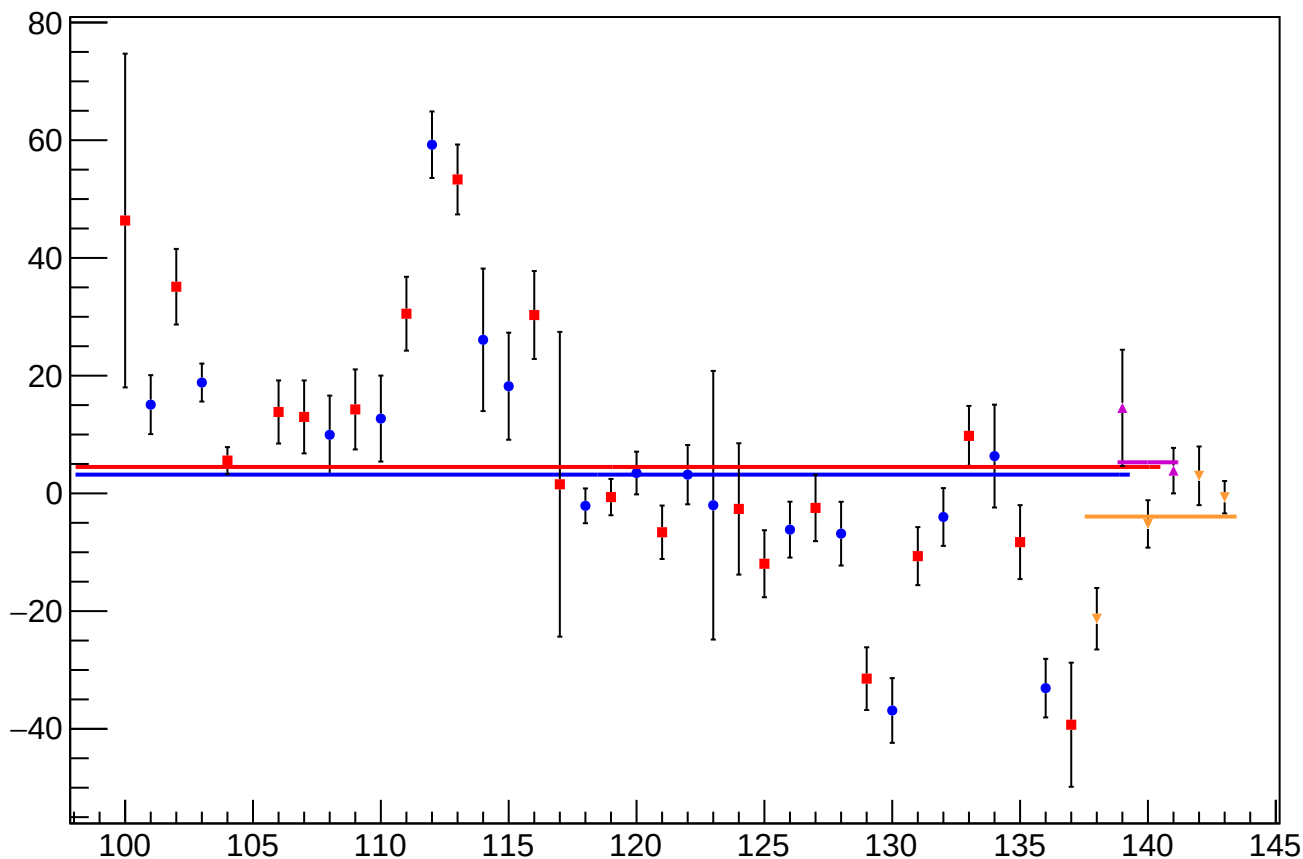
Right Out: -220.625+/-1.184 χ^2/NDF : 0.0/19

Left In: -290.560+/-3.856 χ^2/NDF : 27.4/1

-217.612+/-1.145 χ^2/NDF : 398.0/20

-226.649+/-1.132 χ^2/NDF : 328.0/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: -3.940 ± 1.923 χ^2/NDF : 14.5/3

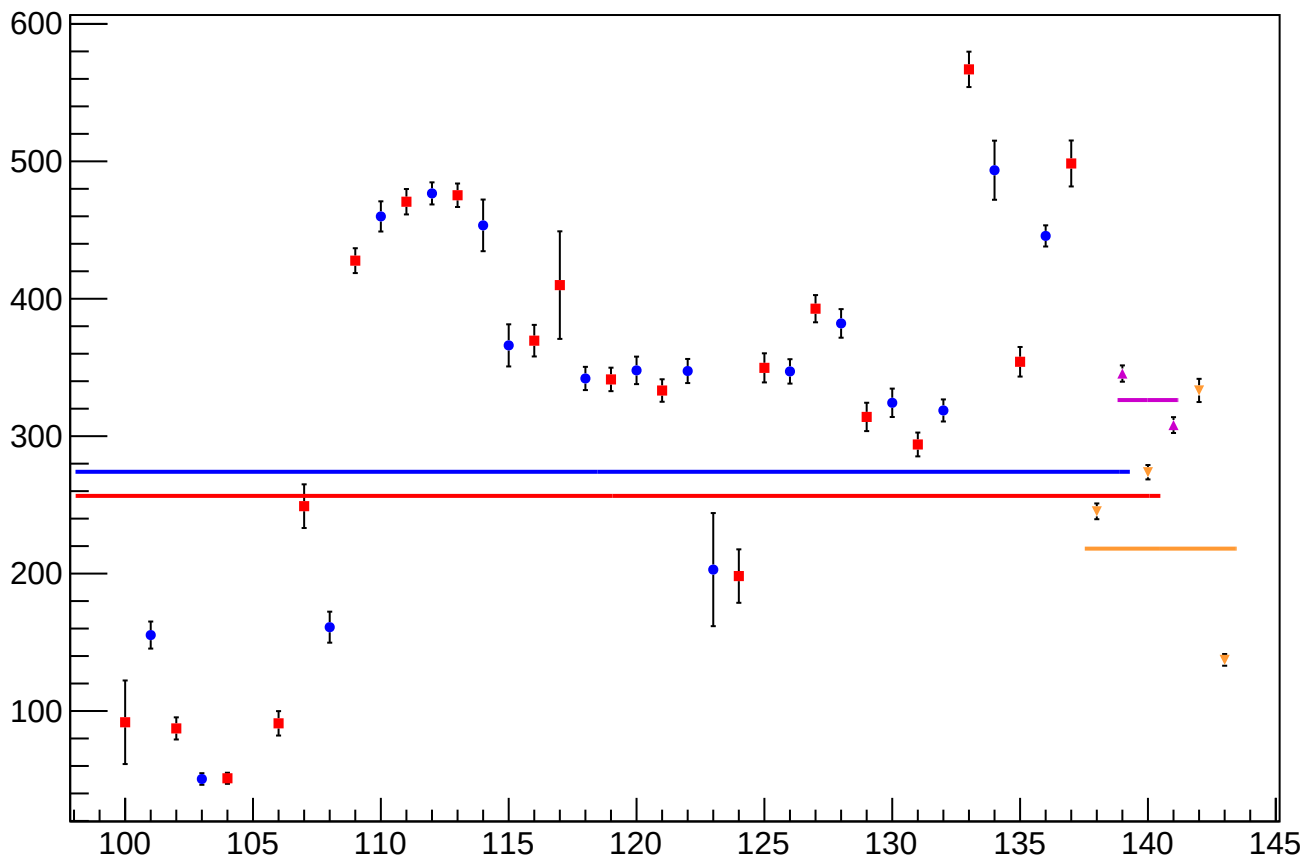
Right Out: 4.492 ± 1.158 χ^2/NDF : 225.4/19

Left In: 5.282 ± 3.598 χ^2/NDF : 1.0/1

1.129 ± 1.033 χ^2/NDF : 279.9/20

4.566 ± 1.103 χ^2/NDF : 226.5/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 218.164+/-2.712 χ^2/NDF : 682.5/3

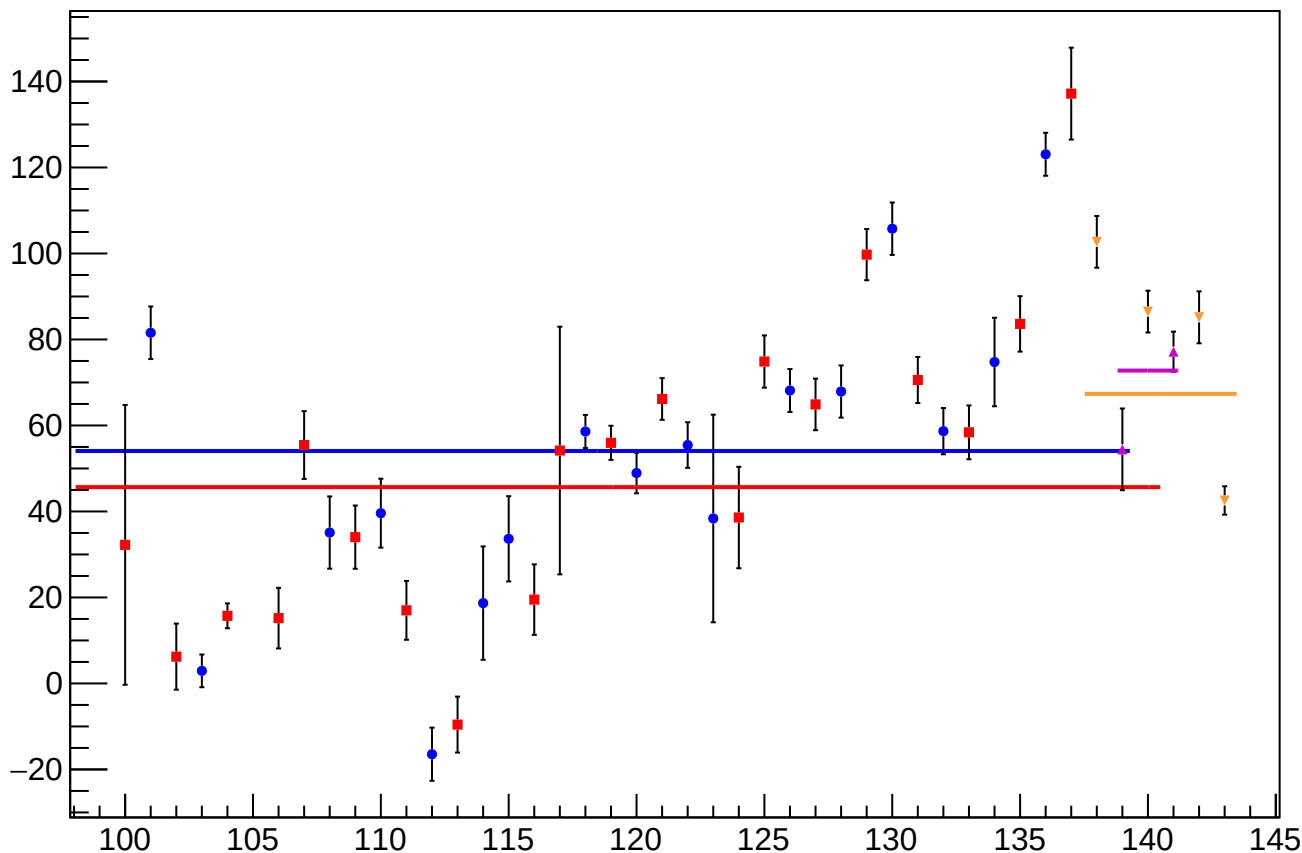
Right Out: 256.542+/-2.077 χ^2/NDF : 6459.5/19

Left In: 326.285+/-4.136 χ^2/NDF : 20.5/1

251.995+/-1.704 χ^2/NDF : 6051.7/20

270.589+/-1.856 χ^2/NDF : 6707.0/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 67.350 $\pm$ 2.300 χ^2 /NDF:115.1/3

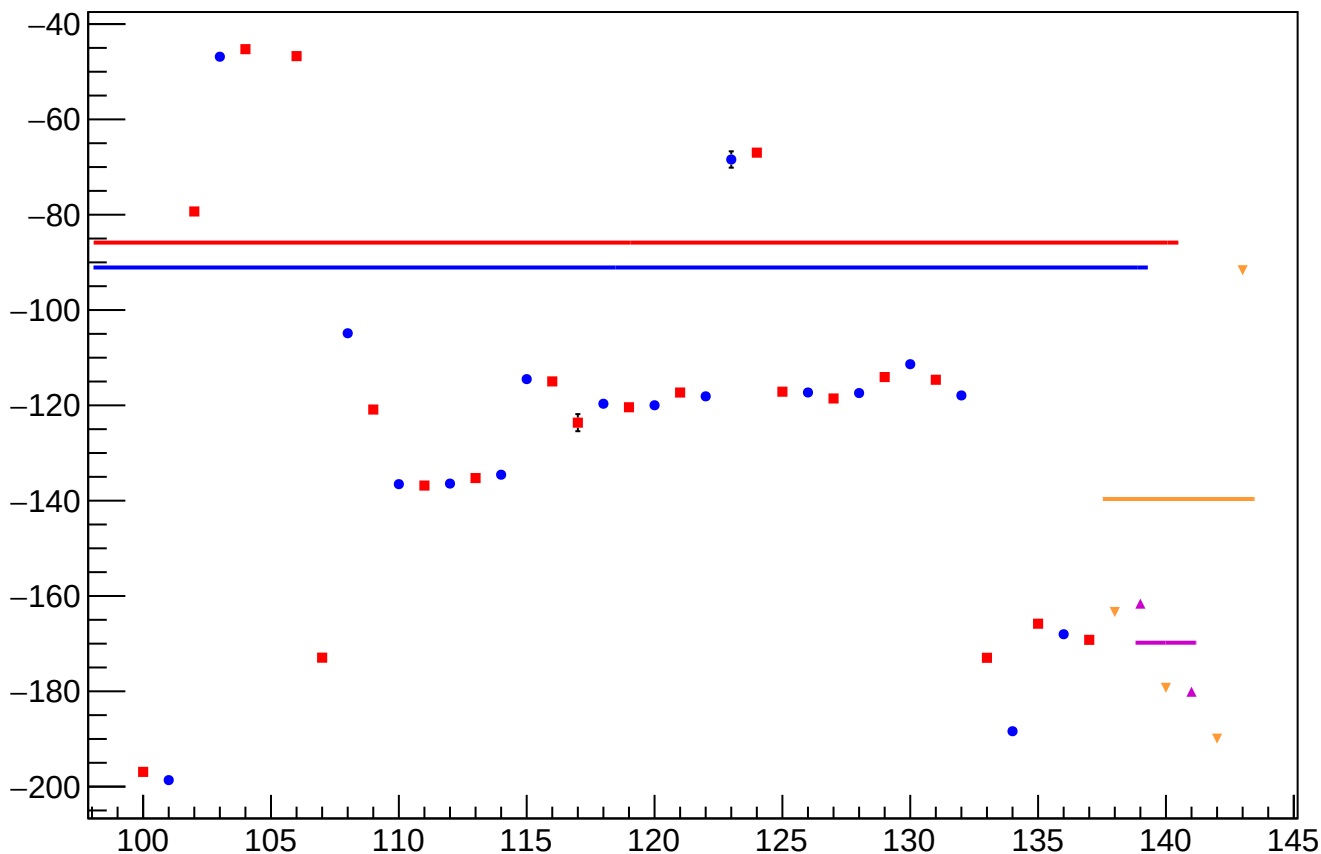
Right Out: 45.656 $\pm$ 1.358 χ^2 /NDF: 530.9/19

Left In: 72.770 $\pm$ 4.180 χ^2 /NDF:4.6/1

57.734 $\pm$ 1.209 χ^2 /NDF: 773.7/20

48.243 $\pm$ 1.291 χ^2 /NDF: 573.5/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -139.648+/-0.111 χ^2/NDF : 141553.5/3

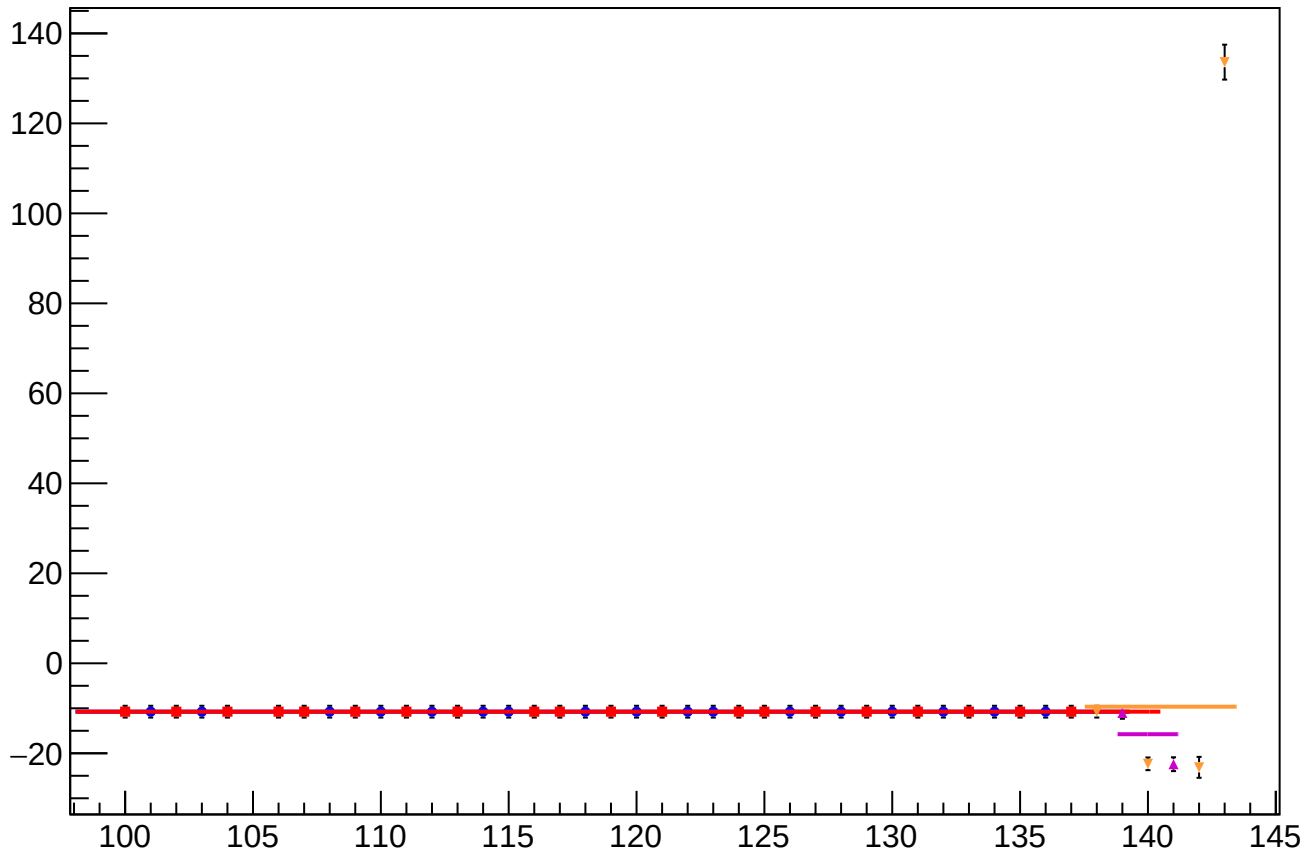
Right Out: -85.852+/-0.065 χ^2/NDF : 496339.6/19

Left In: -169.801+/-0.156 χ^2/NDF : 3472.0/1

-104.201+/-0.058 χ^2/NDF : 816024.0/20

-98.293+/-0.060 χ^2/NDF : 747012.9/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -10.752 ± 0.318 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -9.644 ± 0.866 $\chi^2/\text{NDF}: 1477.7/3$

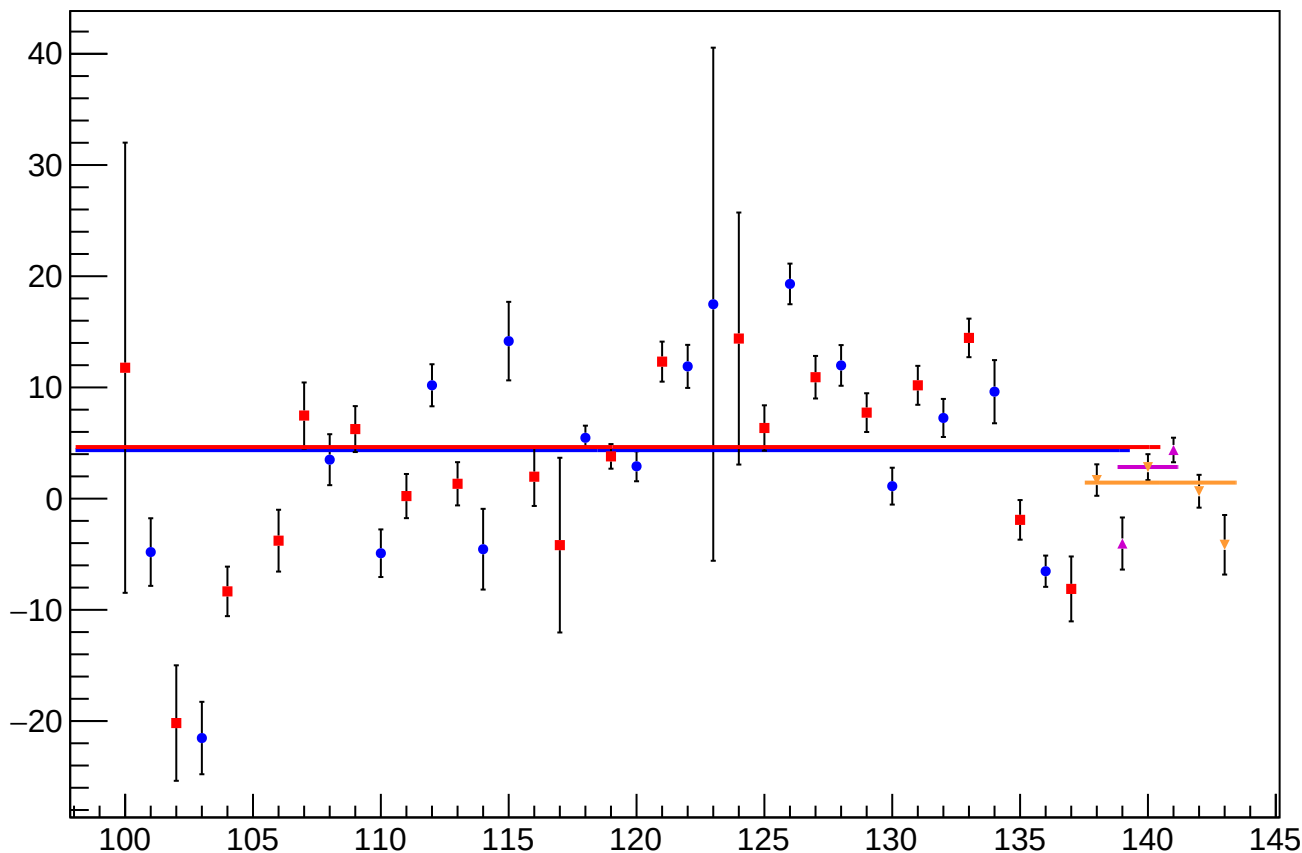
Right Out: -10.752 ± 0.293 $\chi^2/\text{NDF}: 0.0/19$

Left In: -15.763 ± 0.992 $\chi^2/\text{NDF}: 32.0/1$

-10.620 ± 0.299 $\chi^2/\text{NDF}: 1479.1/20$

-11.155 ± 0.281 $\chi^2/\text{NDF}: 55.5/21$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 $\pm$ 0.464 χ^2 /NDF: 286.5/16

Left Out: 1.441 $\pm$ 0.739 χ^2 /NDF: 6.1/3

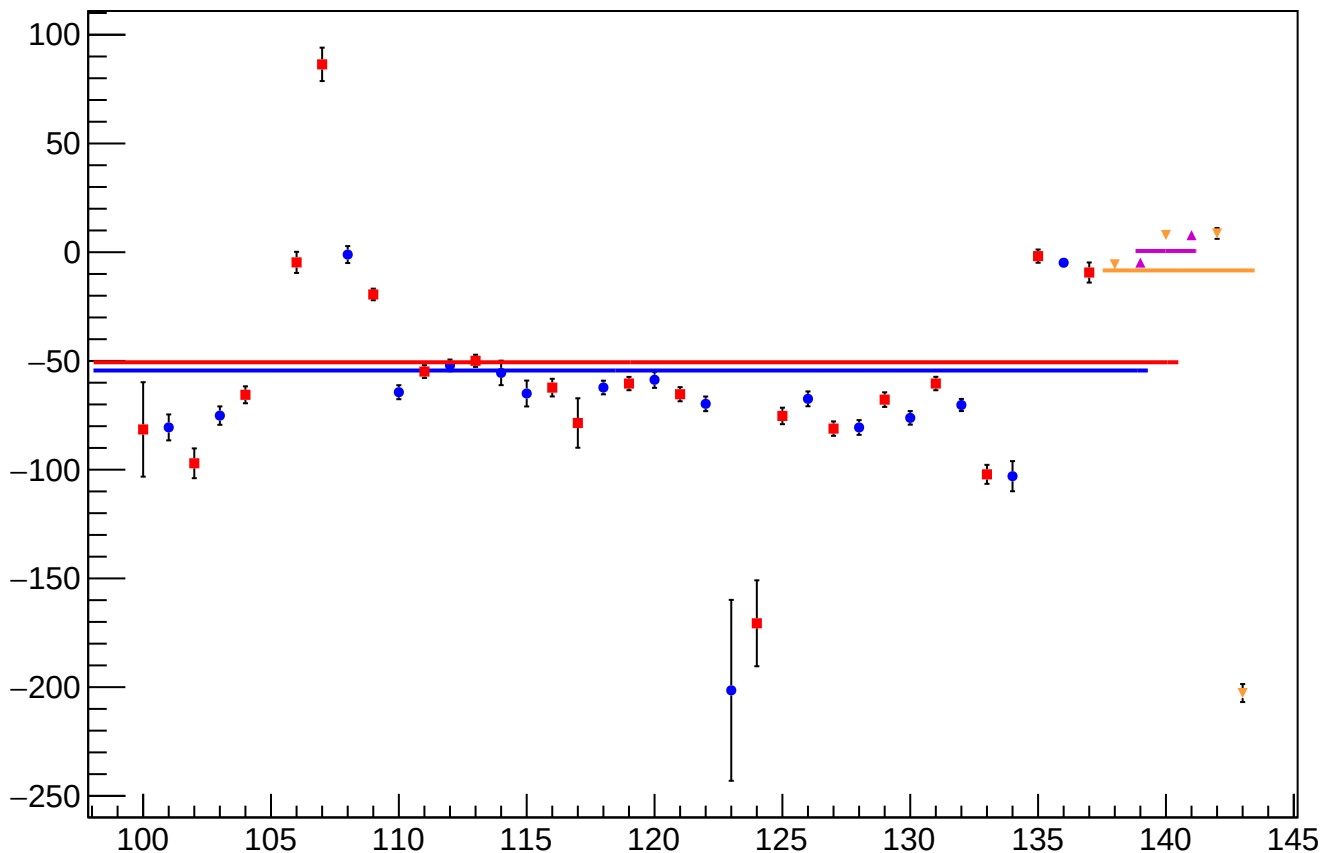
Right Out: 4.638 $\pm$ 0.473 χ^2 /NDF: 186.6/19

Left In: 2.844 $\pm$ 0.999 χ^2 /NDF: 10.5/1

3.534 $\pm$ 0.393 χ^2 /NDF: 303.8/20

4.309 $\pm$ 0.428 χ^2 /NDF: 199.8/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -8.365 ± 0.930 χ^2/NDF : 2369.1/3

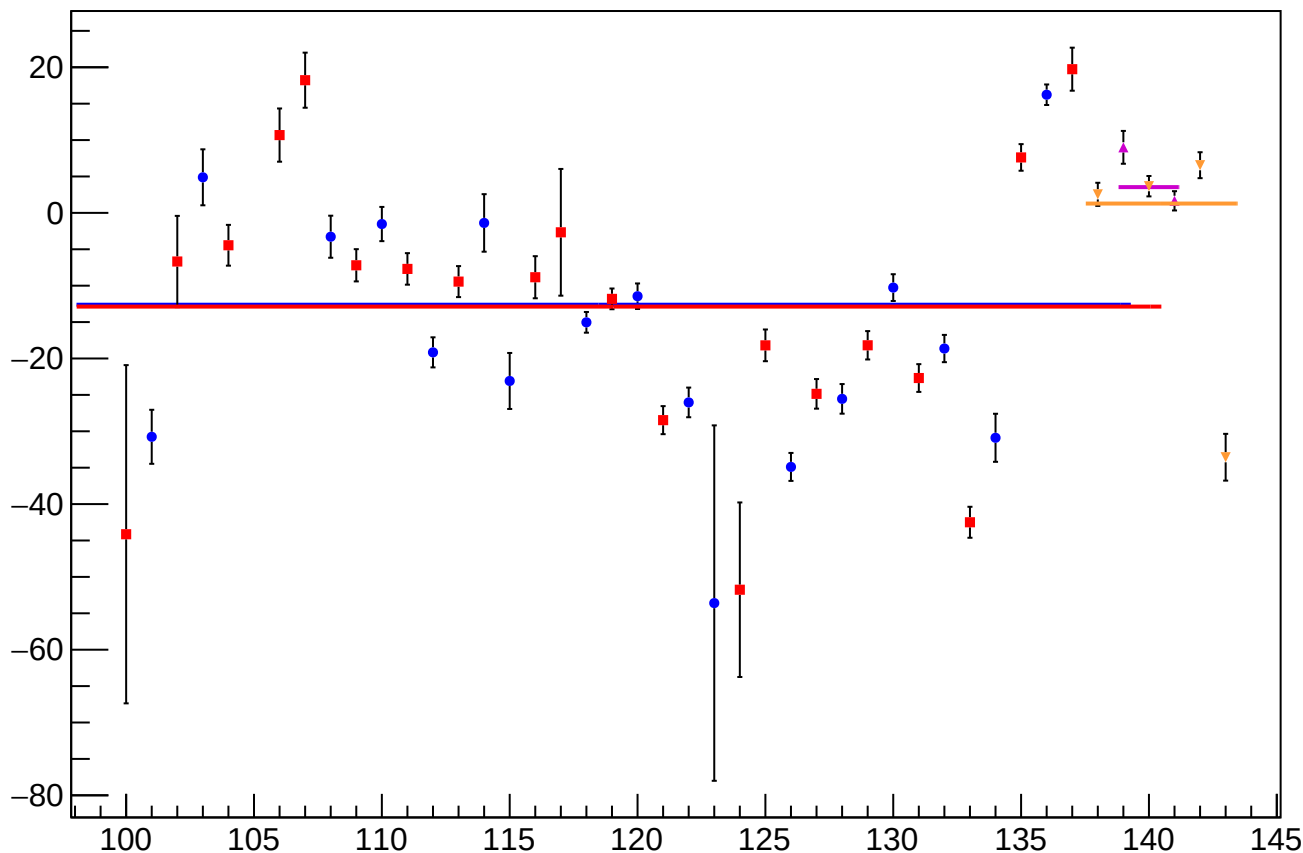
Right Out: -50.600 ± 0.855 χ^2/NDF : 1330.8/19

Left In: 0.576 ± 1.066 χ^2/NDF : 34.2/1

-33.111 ± 0.632 χ^2/NDF : 4699.1/20

-30.558 ± 0.667 χ^2/NDF : 2768.1/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 $\pm$ 0.530 χ^2 /NDF: 788.2/16

Left Out: 1.281 $\pm$ 0.871 χ^2 /NDF: 130.0/3

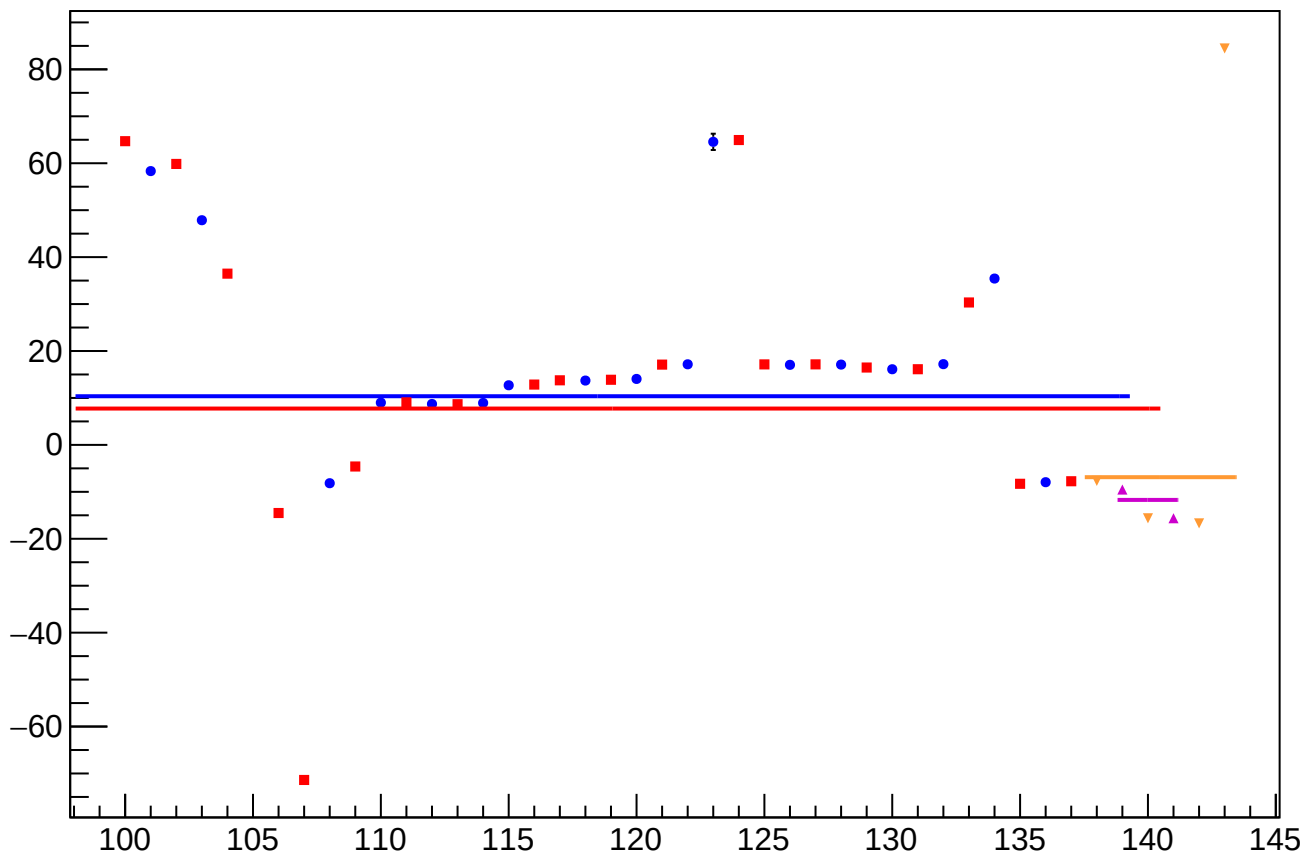
Right Out: -12.873 $\pm$ 0.537 χ^2 /NDF: 731.6/19

Left In: 3.539 $\pm$ 1.142 χ^2 /NDF: 7.9/1

-8.859 $\pm$ 0.453 χ^2 /NDF: 1104.0/20

-9.900 $\pm$ 0.486 χ^2 /NDF: 908.6/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366 $\pm$ 0.031 χ^2/NDF : 381003.5/16

Left Out: -6.880 $\pm$ 0.038 χ^2/NDF : 330300.9/3

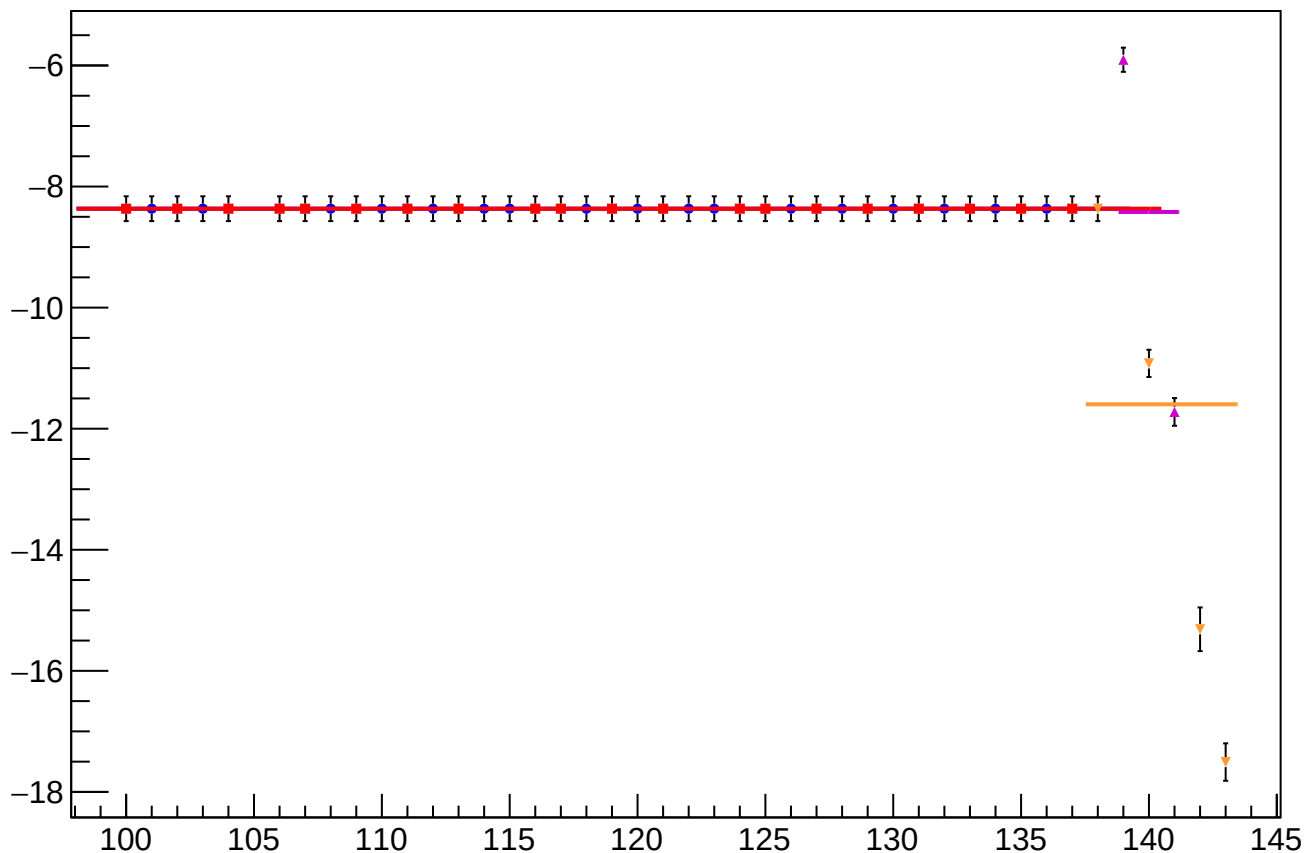
Right Out: 7.741 $\pm$ 0.031 χ^2/NDF : 545218.7/19

Left In: -11.721 $\pm$ 0.040 χ^2/NDF : 5501.9/1

3.555 $\pm$ 0.024 χ^2/NDF : 837260.3/20

0.283 $\pm$ 0.025 χ^2/NDF : 699822.5/21

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -8.366 $\pm$ 0.050 χ^2/NDF : 0.0/16

Left Out: -11.597 $\pm$ 0.127 χ^2/NDF : 729.2/3

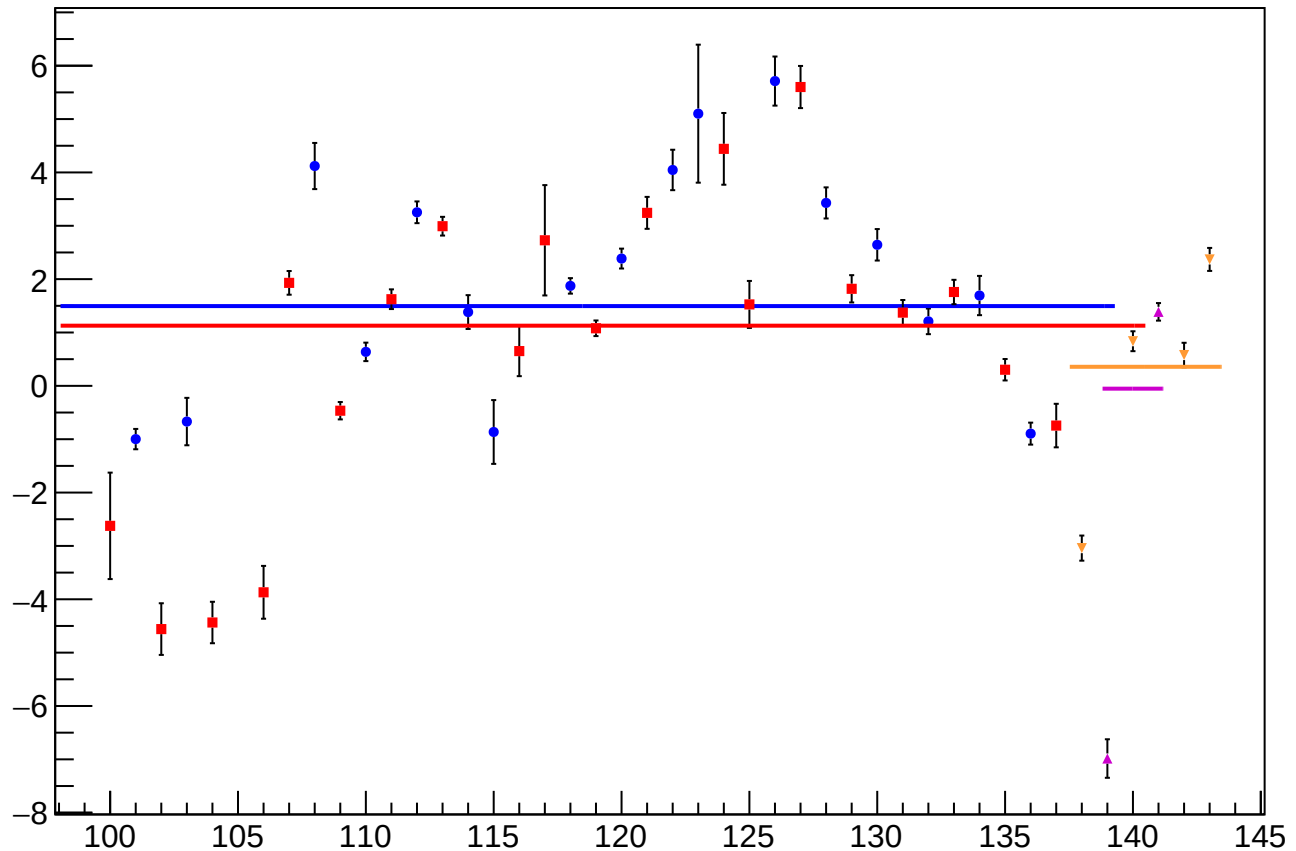
Right Out: -8.366 $\pm$ 0.046 χ^2/NDF : 0.0/19

Left In: -8.420 $\pm$ 0.150 χ^2/NDF : 367.2/1

-8.793 $\pm$ 0.046 χ^2/NDF : 1288.6/20

-8.371 $\pm$ 0.044 χ^2/NDF : 367.3/21

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 $\chi^2/\text{NDF}: 708.8/16$

Left Out: 0.357 ± 0.107 $\chi^2/\text{NDF}: 303.1/3$

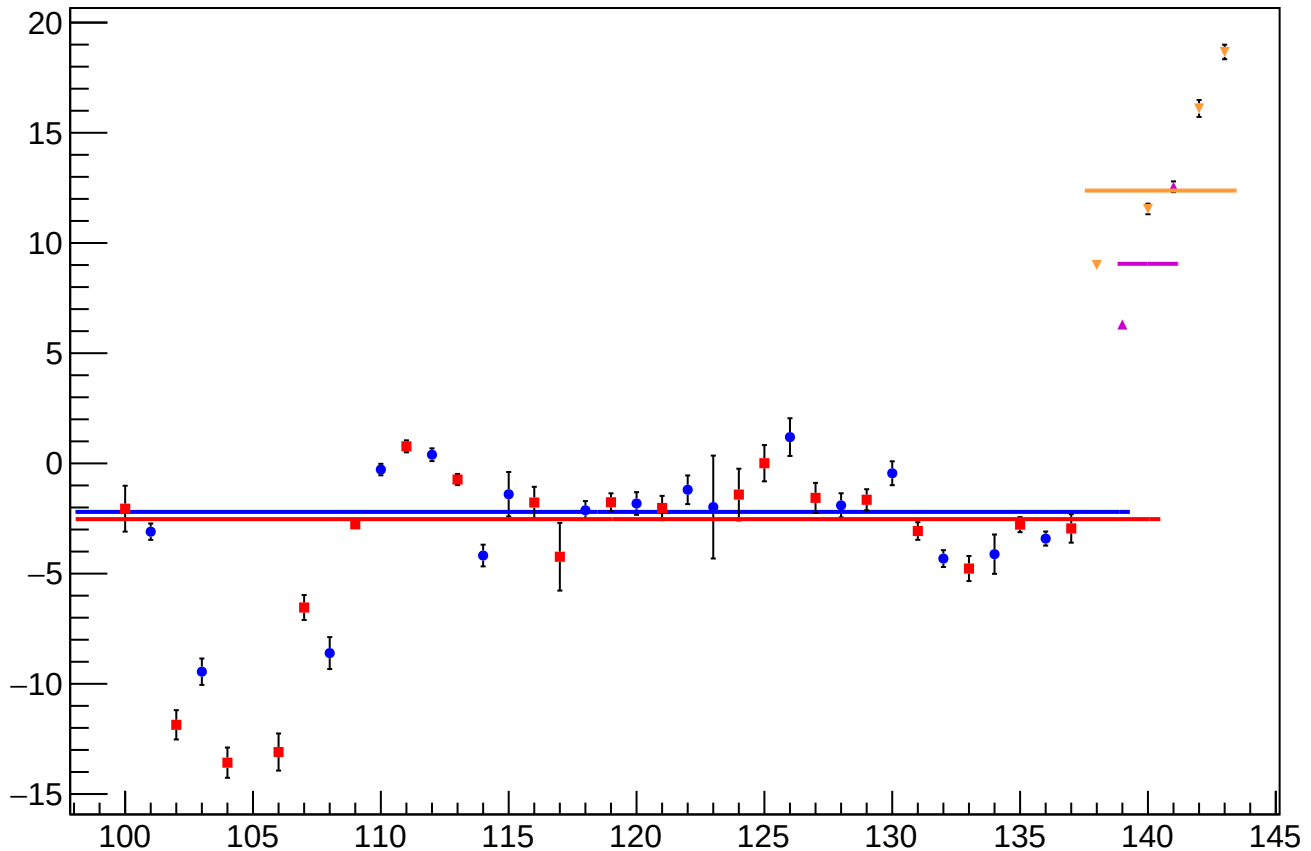
Right Out: 1.128 ± 0.058 $\chi^2/\text{NDF}: 948.9/19$

Left In: -0.053 ± 0.150 $\chi^2/\text{NDF}: 445.2/1$

1.215 ± 0.053 $\chi^2/\text{NDF}: 1097.2/20$

0.973 ± 0.054 $\chi^2/\text{NDF}: 1448.0/21$

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 12.378 ± 0.137 χ^2/NDF : 698.4/3

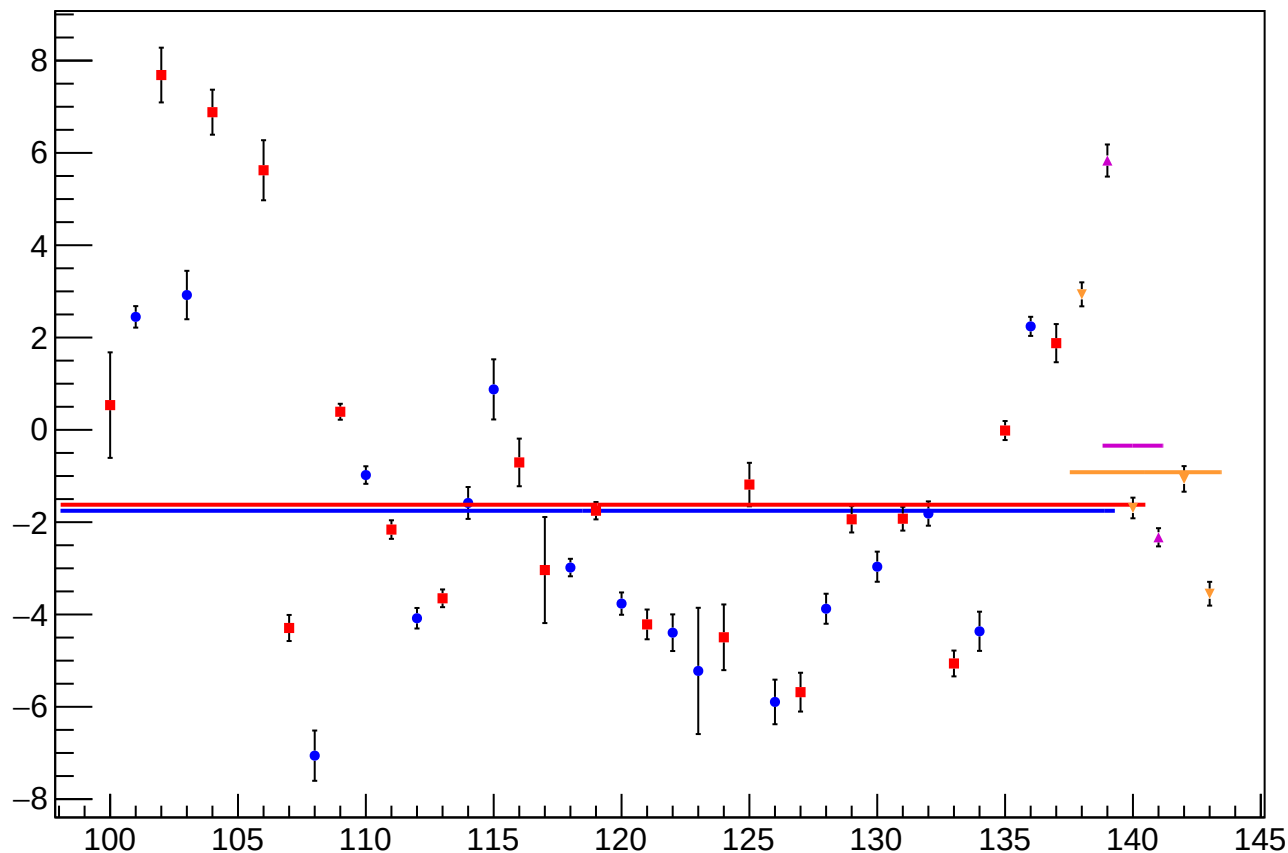
Right Out: -2.527 ± 0.099 χ^2/NDF : 904.5/19

Left In: 9.055 ± 0.161 χ^2/NDF : 369.1/1

3.567 ± 0.086 χ^2/NDF : 8033.7/20

0.625 ± 0.084 χ^2/NDF : 5018.1/21

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -0.918 ± 0.126 $\chi^2/\text{NDF}: 336.9/3$

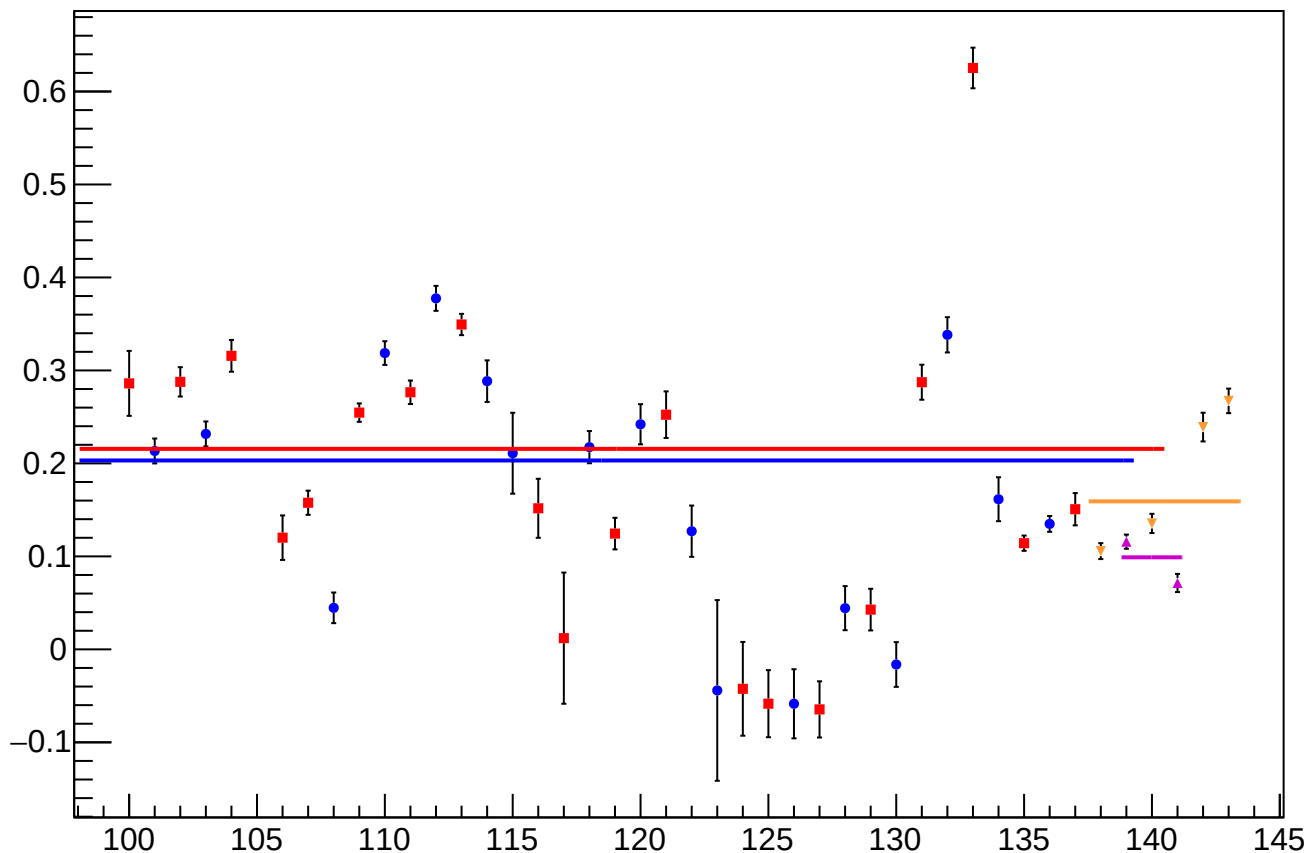
Right Out: -1.622 ± 0.066 $\chi^2/\text{NDF}: 1489.1/19$

Left In: -0.343 ± 0.172 $\chi^2/\text{NDF}: 416.6/1$

-1.555 ± 0.061 $\chi^2/\text{NDF}: 1715.5/20$

-1.459 ± 0.061 $\chi^2/\text{NDF}: 1954.2/21$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 677.2/16

Left Out: 0.159 $\pm$ 0.006 χ^2/NDF :138.3/3

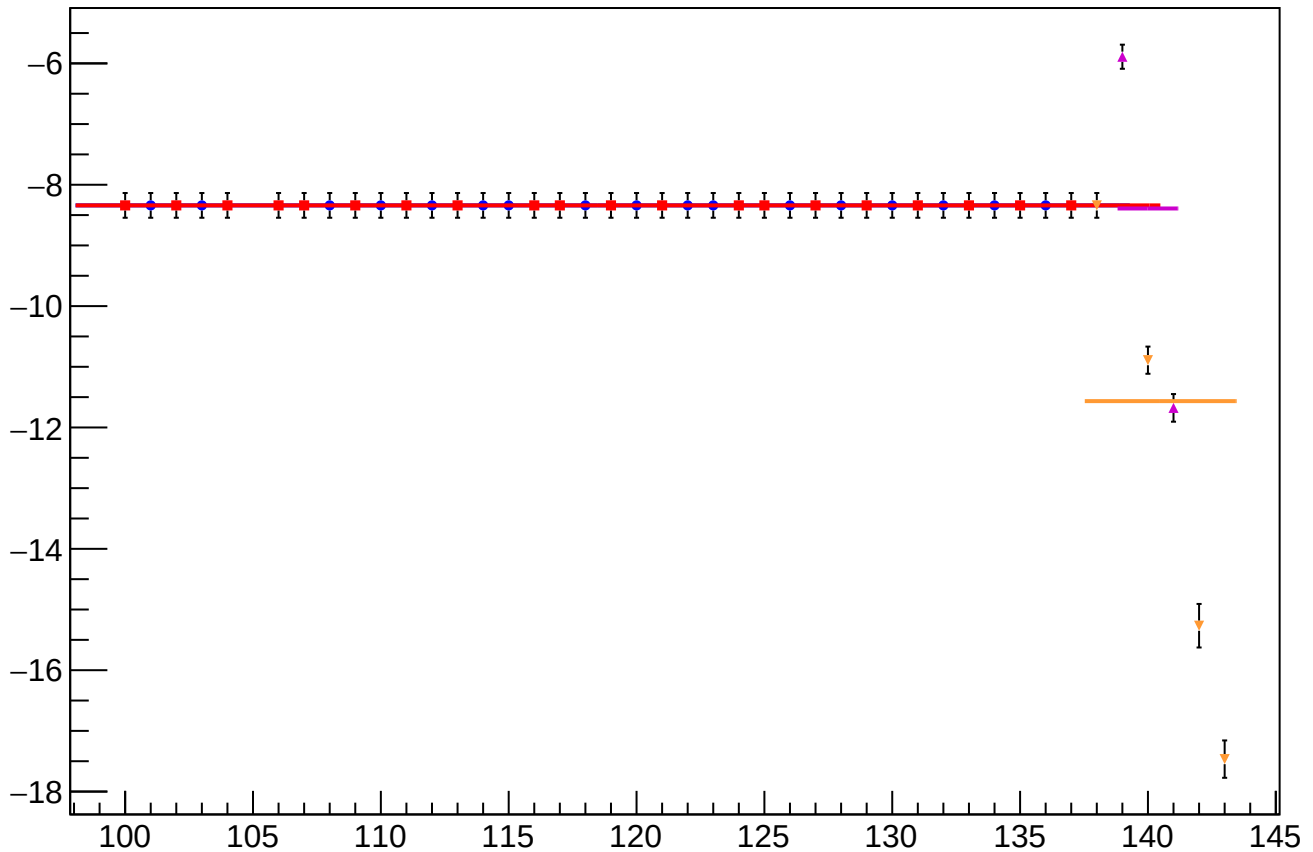
Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1075.7/19

Left In: 0.099 $\pm$ 0.006 χ^2/NDF :12.8/1

0.187 $\pm$ 0.003 χ^2/NDF : 856.2/20

0.184 $\pm$ 0.003 χ^2/NDF : 1362.1/21

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -8.340 ± 0.049 χ^2/NDF : 0.0/16

Left Out: -11.566 ± 0.127 χ^2/NDF : 732.8/3

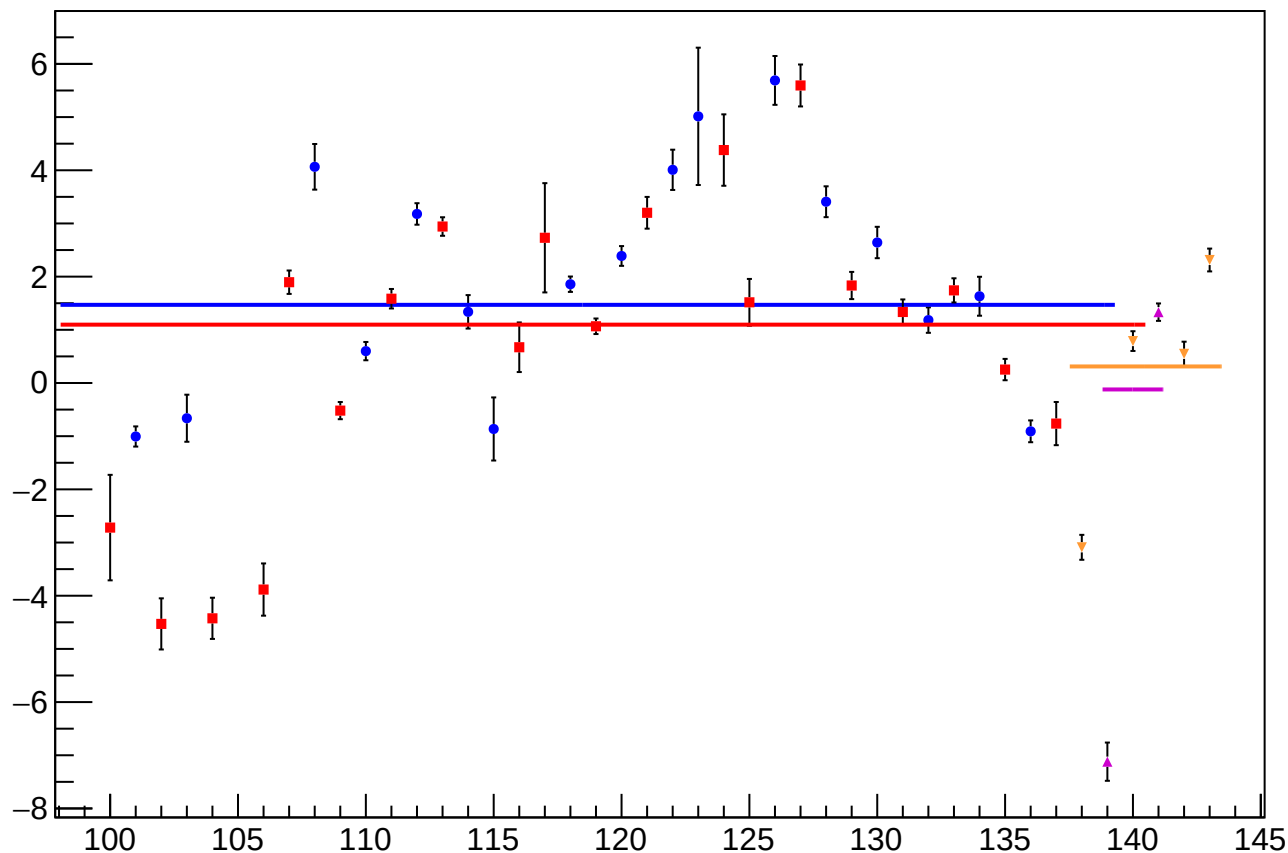
Right Out: -8.340 ± 0.046 χ^2/NDF : 0.0/19

Left In: -8.391 ± 0.150 χ^2/NDF : 366.5/1

-8.767 ± 0.046 χ^2/NDF : 1295.4/20

-8.344 ± 0.044 χ^2/NDF : 366.6/21

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 0.311 ± 0.107 χ^2/NDF : 305.3/3

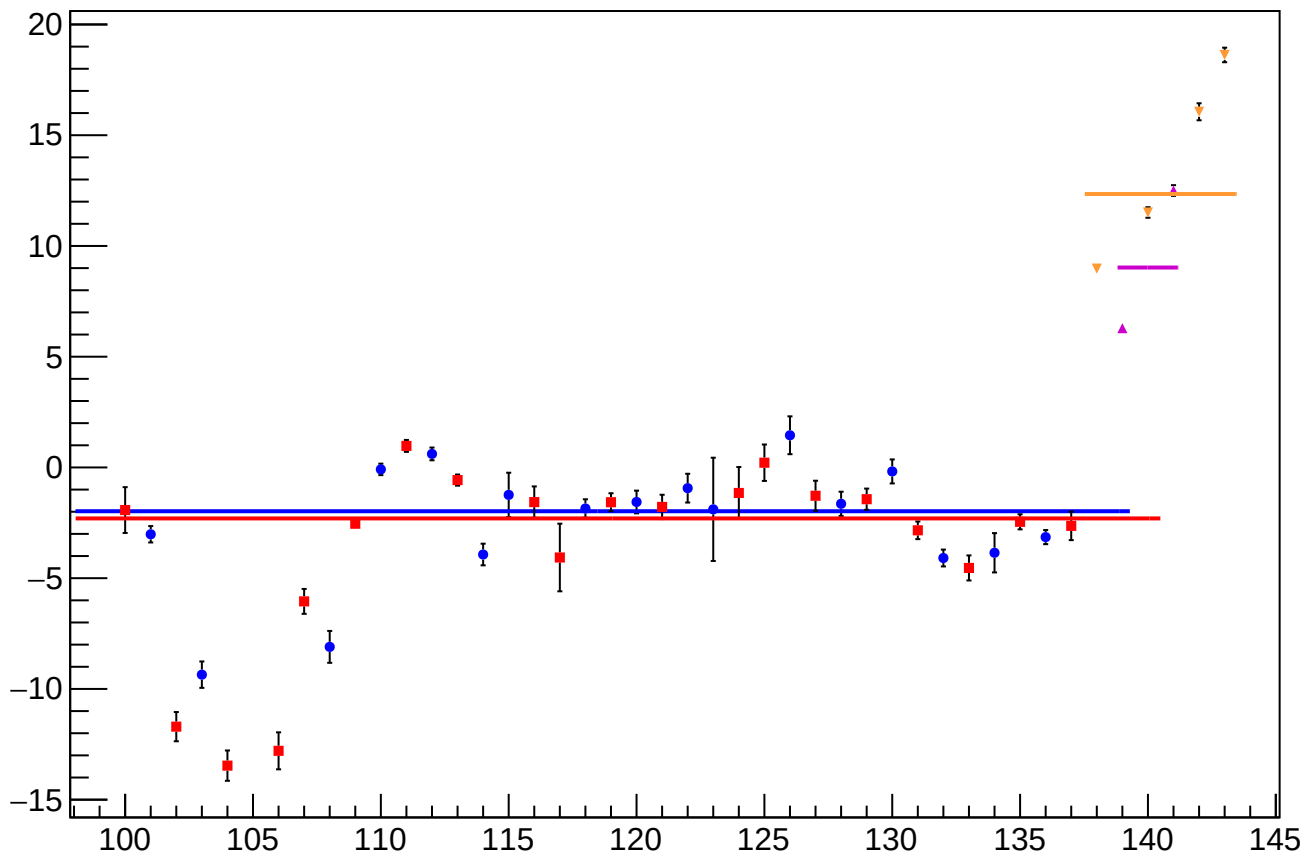
Right Out: 1.097 ± 0.058 χ^2/NDF : 954.6/19

Left In: -0.121 ± 0.149 χ^2/NDF : 457.7/1

1.185 ± 0.053 χ^2/NDF : 1102.4/20

0.938 ± 0.054 χ^2/NDF : 1470.4/21

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 12.345 ± 0.136 $\chi^2/\text{NDF}: 701.9/3$

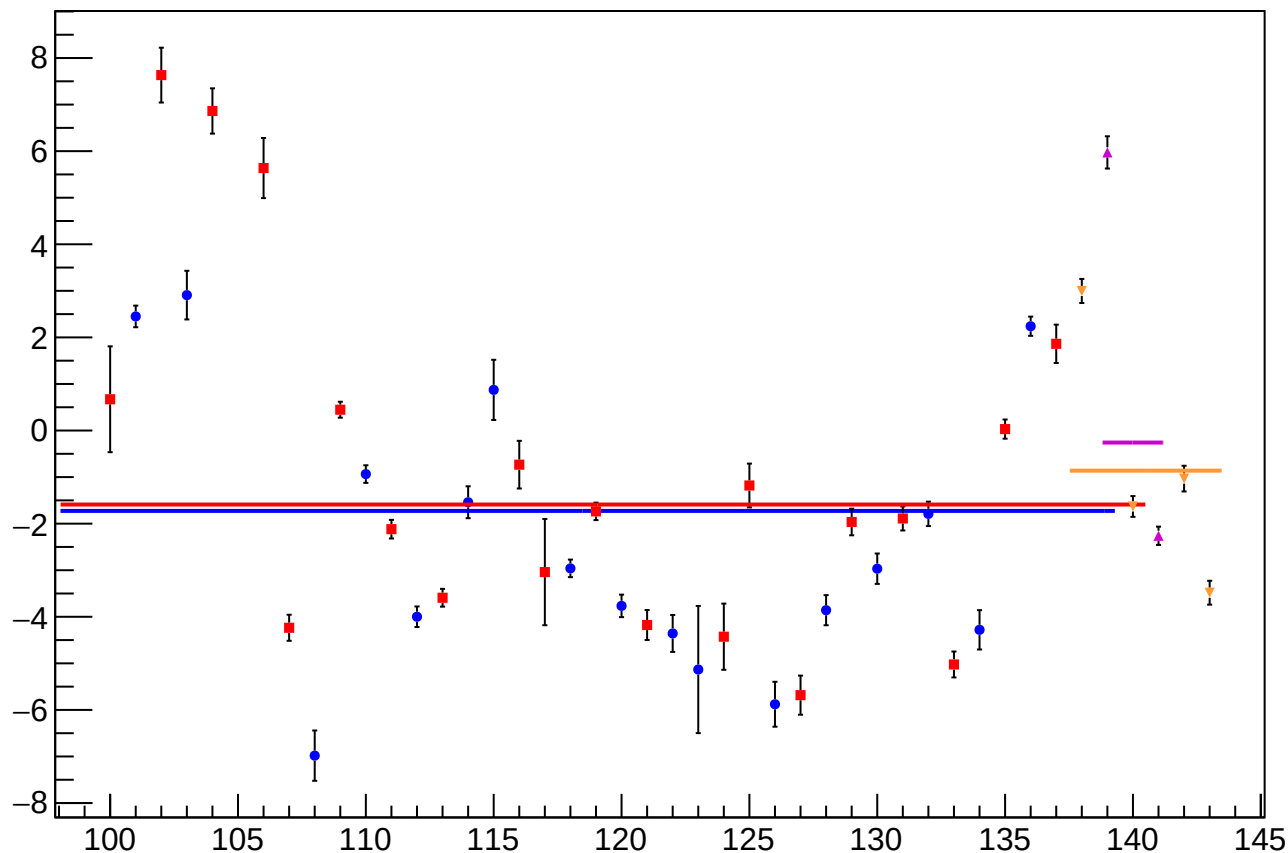
Right Out: -2.302 ± 0.098 $\chi^2/\text{NDF}: 907.9/19$

Left In: 9.026 ± 0.161 $\chi^2/\text{NDF}: 368.2/1$

3.686 ± 0.086 $\chi^2/\text{NDF}: 7863.2/20$

0.777 ± 0.084 $\chi^2/\text{NDF}: 4890.5/21$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 $\chi^2/\text{NDF}: 1341.5/16$

Left Out: -0.862 ± 0.125 $\chi^2/\text{NDF}: 339.6/3$

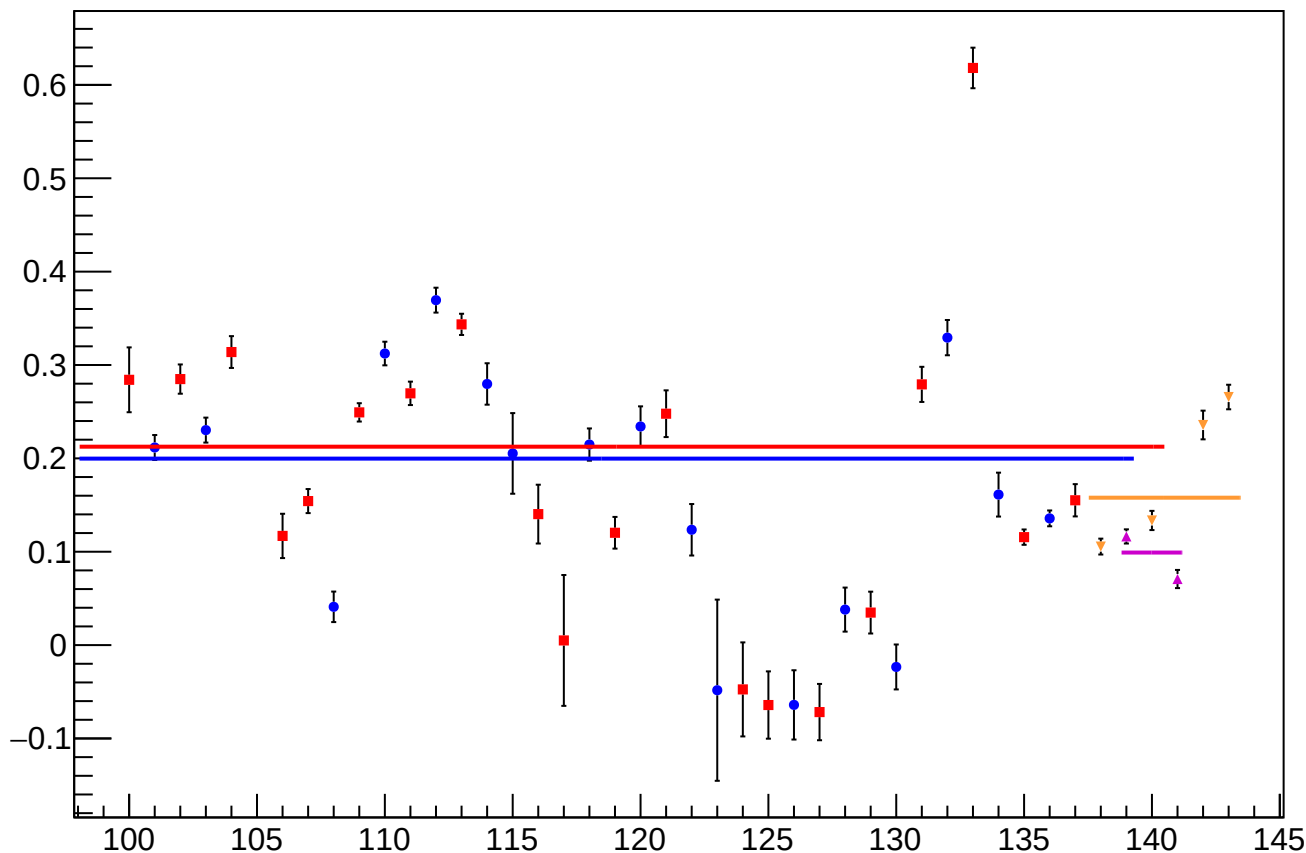
Right Out: -1.589 ± 0.065 $\chi^2/\text{NDF}: 1494.5/19$

Left In: -0.258 ± 0.171 $\chi^2/\text{NDF}: 427.6/1$

-1.521 ± 0.061 $\chi^2/\text{NDF}: 1717.2/20$

-1.419 ± 0.061 $\chi^2/\text{NDF}: 1975.0/21$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2 /NDF: 662.5/16

Left Out: 0.158 $\pm$ 0.005 χ^2 /NDF:136.5/3

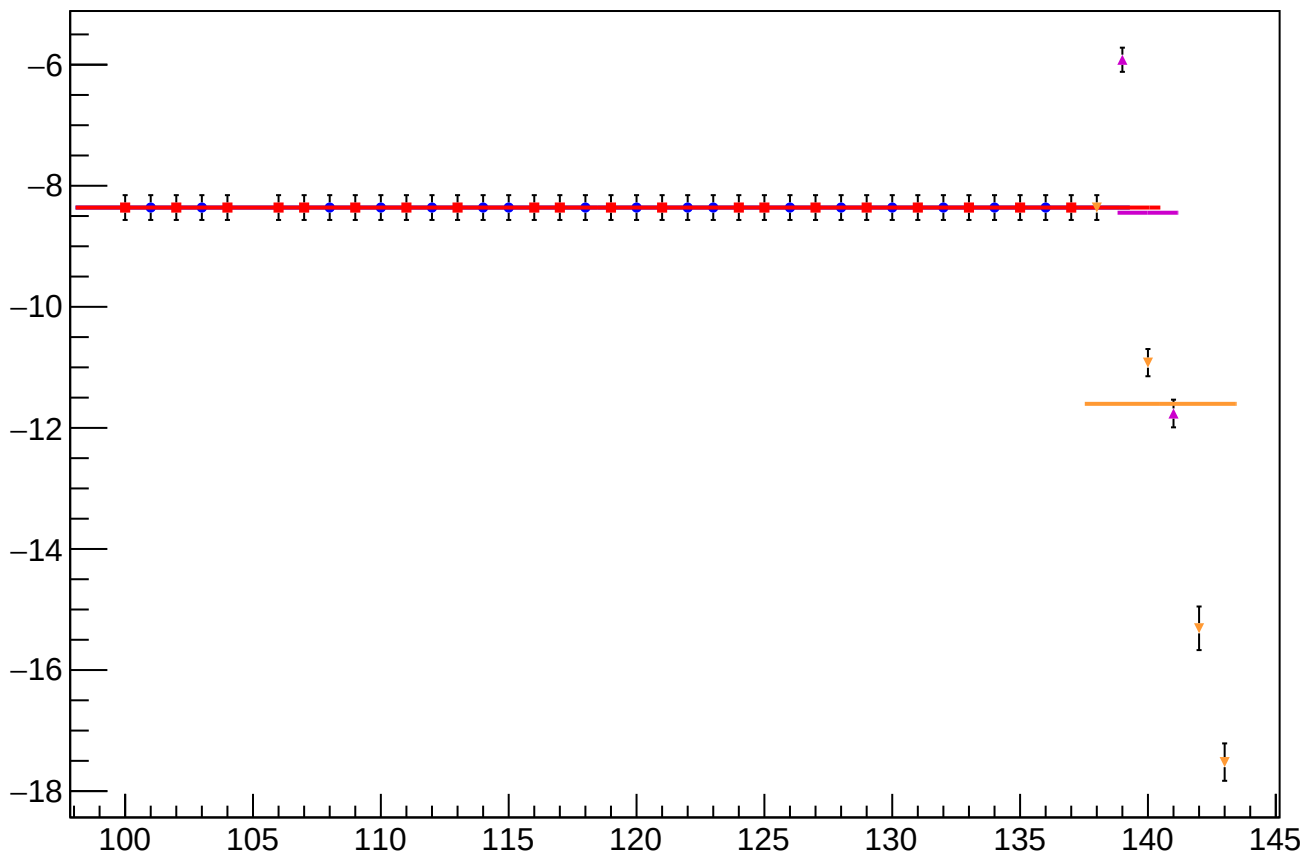
Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1059.7/19

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:13.7/1

0.185 $\pm$ 0.003 χ^2 /NDF: 836.3/20

0.182 $\pm$ 0.003 χ^2 /NDF: 1334.1/21

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -8.360 ± 0.050 χ^2/NDF : 0.0/16

Left Out: -11.603 ± 0.127 χ^2/NDF : 732.5/3

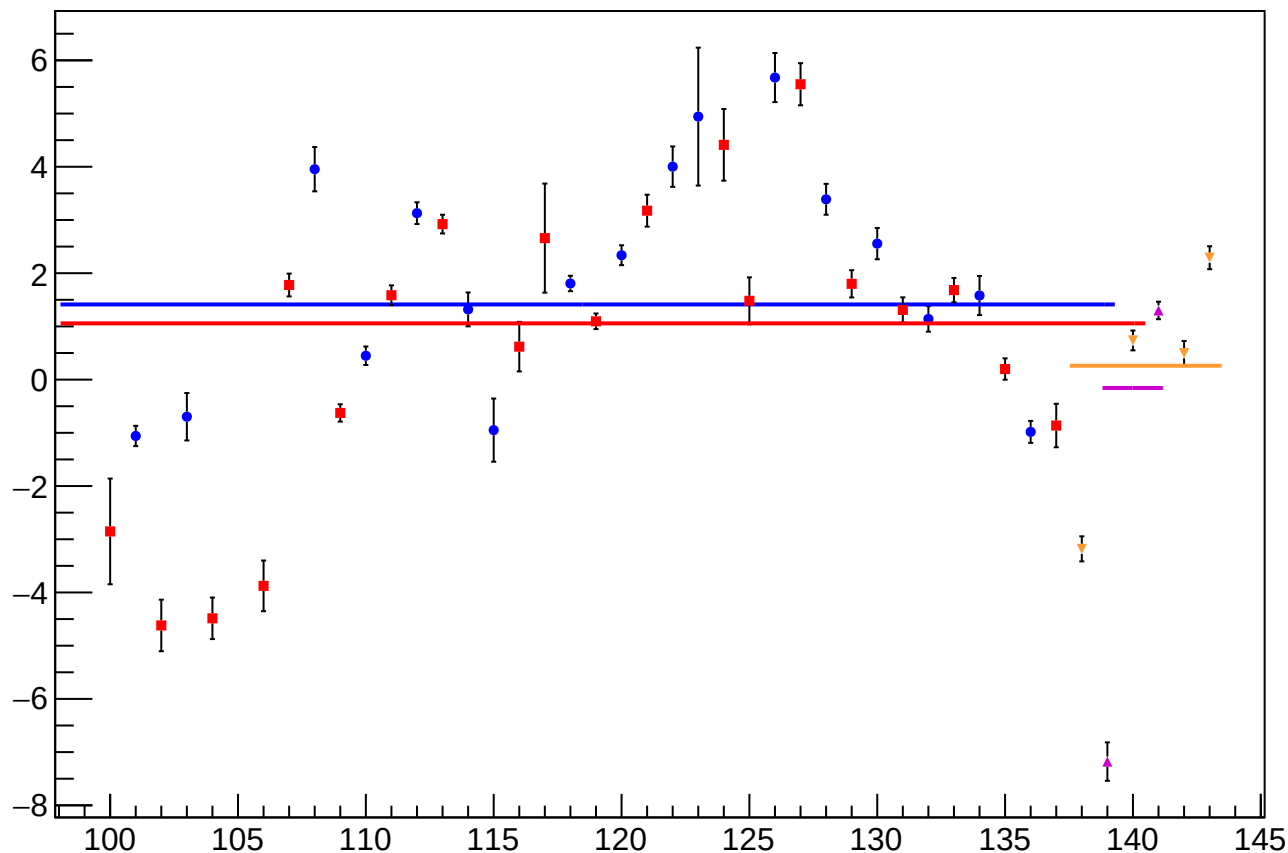
Right Out: -8.360 ± 0.046 χ^2/NDF : 0.0/19

Left In: -8.446 ± 0.150 χ^2/NDF : 370.6/1

-8.789 ± 0.046 χ^2/NDF : 1295.9/20

-8.367 ± 0.044 χ^2/NDF : 370.9/21

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 $\pm$ 0.061 χ^2 /NDF: 713.9/16

Left Out: 0.260 $\pm$ 0.107 χ^2 /NDF:310.0/3

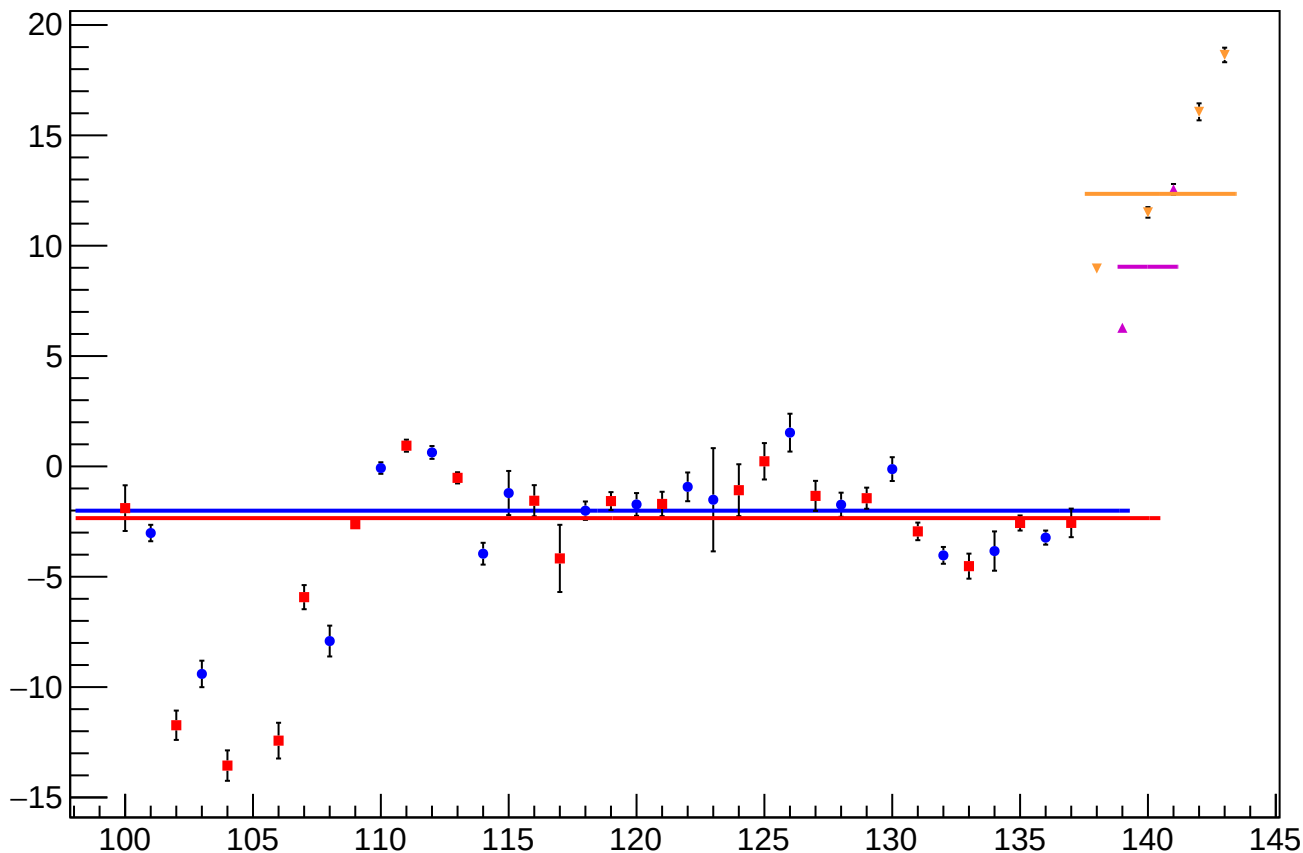
Right Out: 1.057 $\pm$ 0.058 χ^2 /NDF: 965.8/19

Left In: -0.157 $\pm$ 0.150 χ^2 /NDF:456.4/1

1.129 $\pm$ 0.053 χ^2 /NDF: 1111.3/20

0.899 $\pm$ 0.054 χ^2 /NDF: 1479.4/21

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 12.349 ± 0.137 χ^2/NDF : 700.7/3

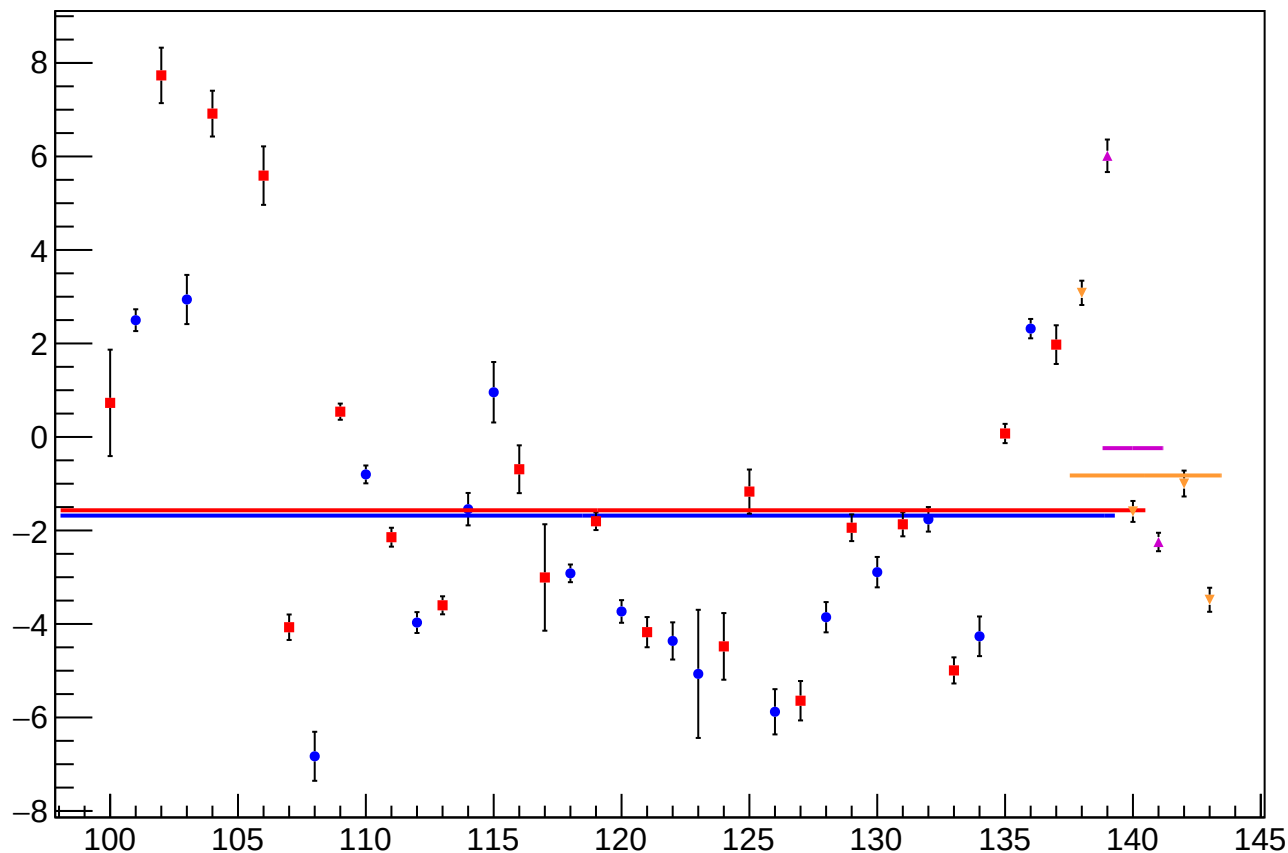
Right Out: -2.344 ± 0.099 χ^2/NDF : 902.6/19

Left In: 9.046 ± 0.161 χ^2/NDF : 371.8/1

3.675 ± 0.086 χ^2/NDF : 7828.9/20

0.754 ± 0.084 χ^2/NDF : 4896.4/21

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682+/-0.070 χ^2 /NDF: 1347.8/16

Left Out: -0.824+/-0.126 χ^2 /NDF:345.0/3

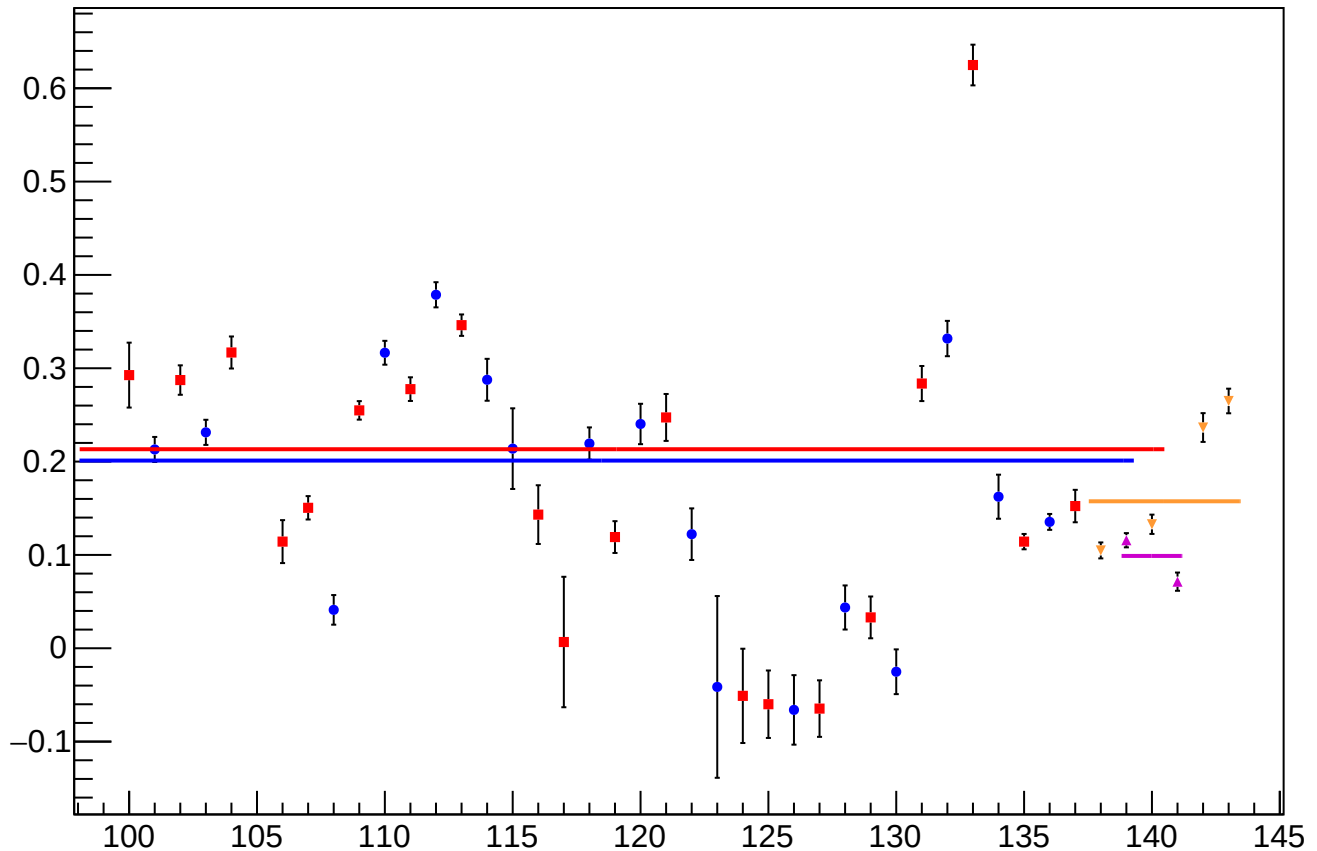
Right Out: -1.568+/-0.066 χ^2 /NDF: 1506.3/19

Left In: -0.239+/-0.172 χ^2 /NDF:426.7/1

-1.478+/-0.061 χ^2 /NDF: 1728.2/20

-1.399+/-0.061 χ^2 /NDF: 1985.5/21

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 691.3/16

Left Out: 0.157 $\pm$ 0.006 χ^2 /NDF:136.2/3

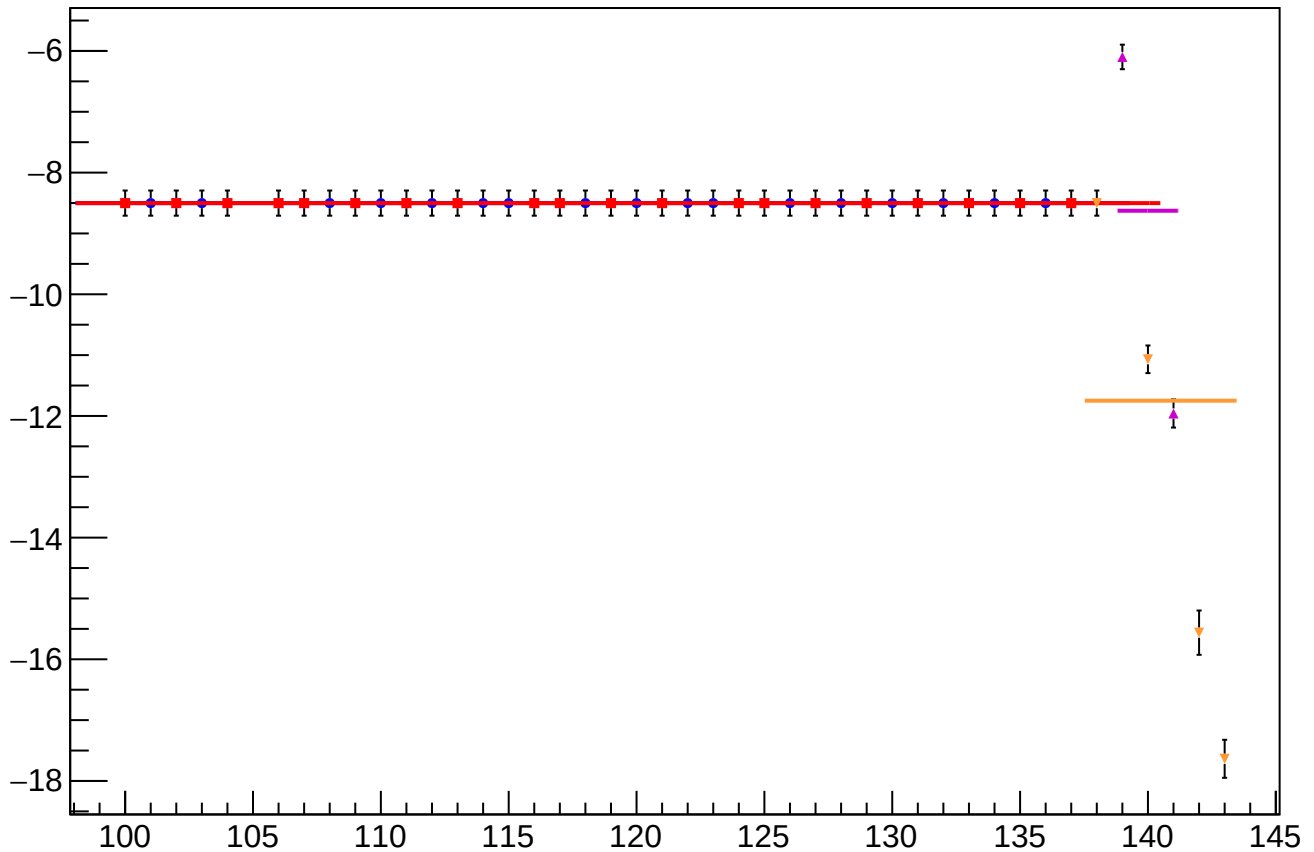
Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1091.9/19

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:12.8/1

0.185 $\pm$ 0.003 χ^2 /NDF: 867.7/20

0.182 $\pm$ 0.003 χ^2 /NDF: 1367.9/21

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -8.501 ± 0.050 χ^2/NDF : 0.0/16

Left Out: -11.749 ± 0.128 χ^2/NDF : 720.7/3

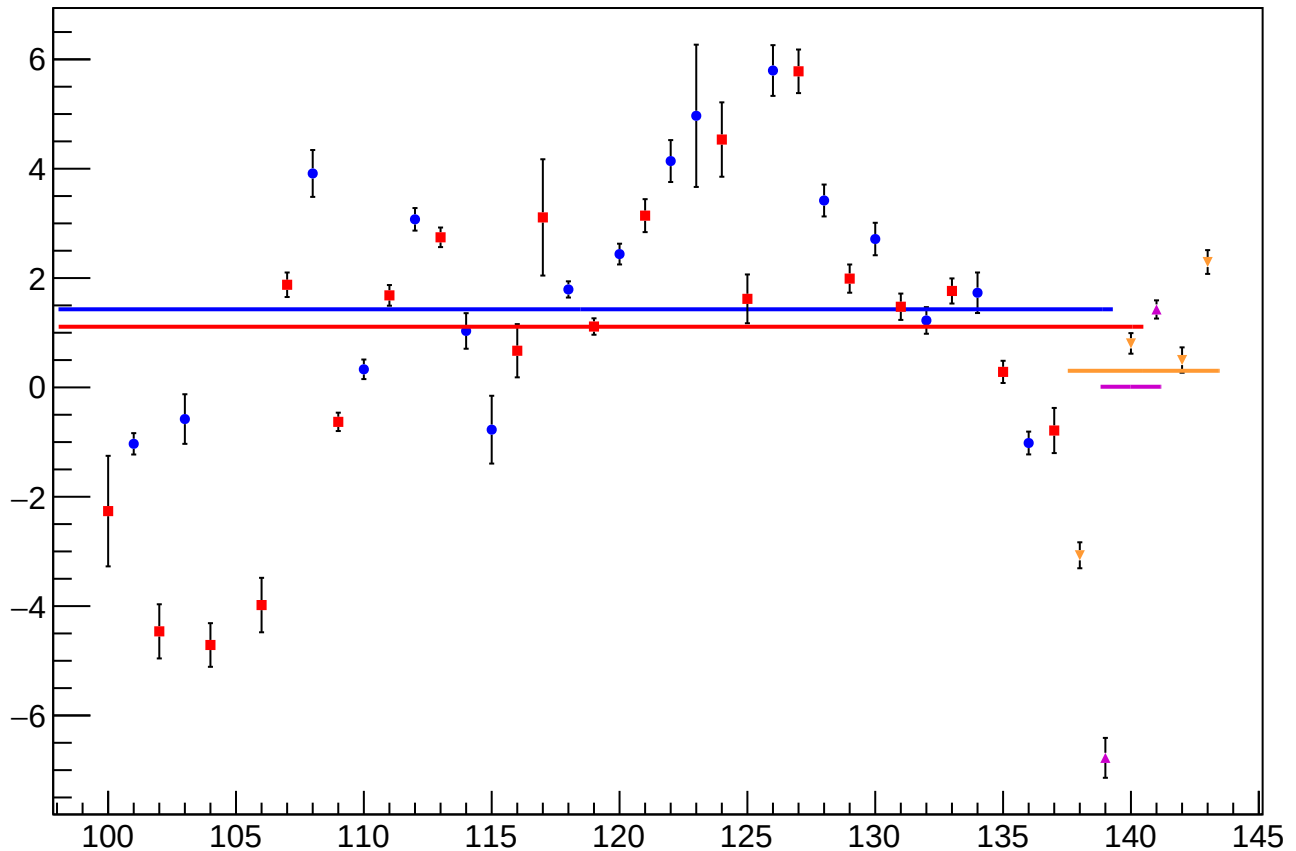
Right Out: -8.501 ± 0.046 χ^2/NDF : 0.0/19

Left In: -8.627 ± 0.152 χ^2/NDF : 364.3/1

-8.931 ± 0.047 χ^2/NDF : 1275.2/20

-8.512 ± 0.044 χ^2/NDF : 365.0/21

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 $\pm$ 0.062 χ^2/NDF : 711.4/16

Left Out: 0.304 $\pm$ 0.108 χ^2/NDF : 293.3/3

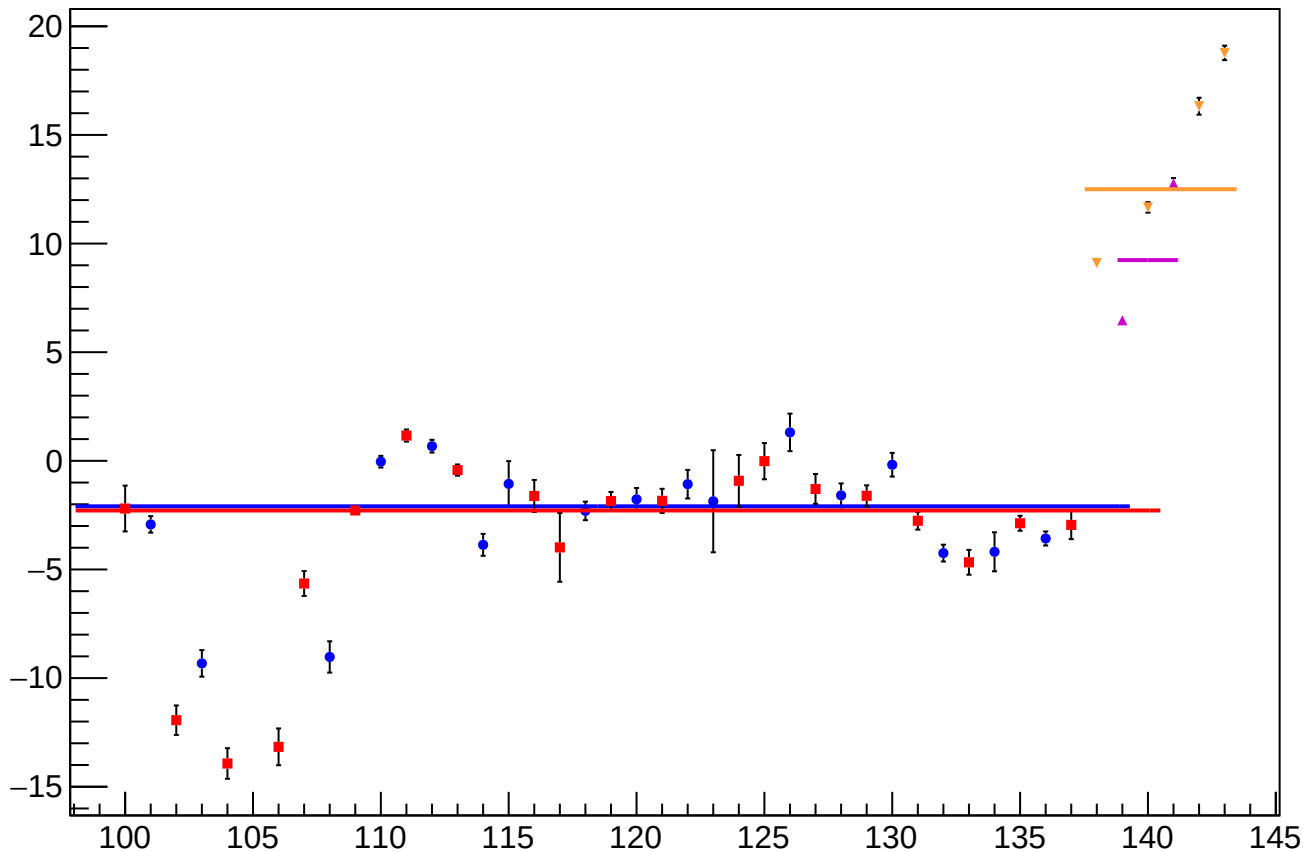
Right Out: 1.110 $\pm$ 0.059 χ^2/NDF : 940.1/19

Left In: 0.012 $\pm$ 0.151 χ^2/NDF : 418.2/1

1.149 $\pm$ 0.054 χ^2/NDF : 1086.2/20

0.964 $\pm$ 0.055 χ^2/NDF : 1403.8/21

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 12.501 ± 0.138 $\chi^2/\text{NDF}: 690.7/3$

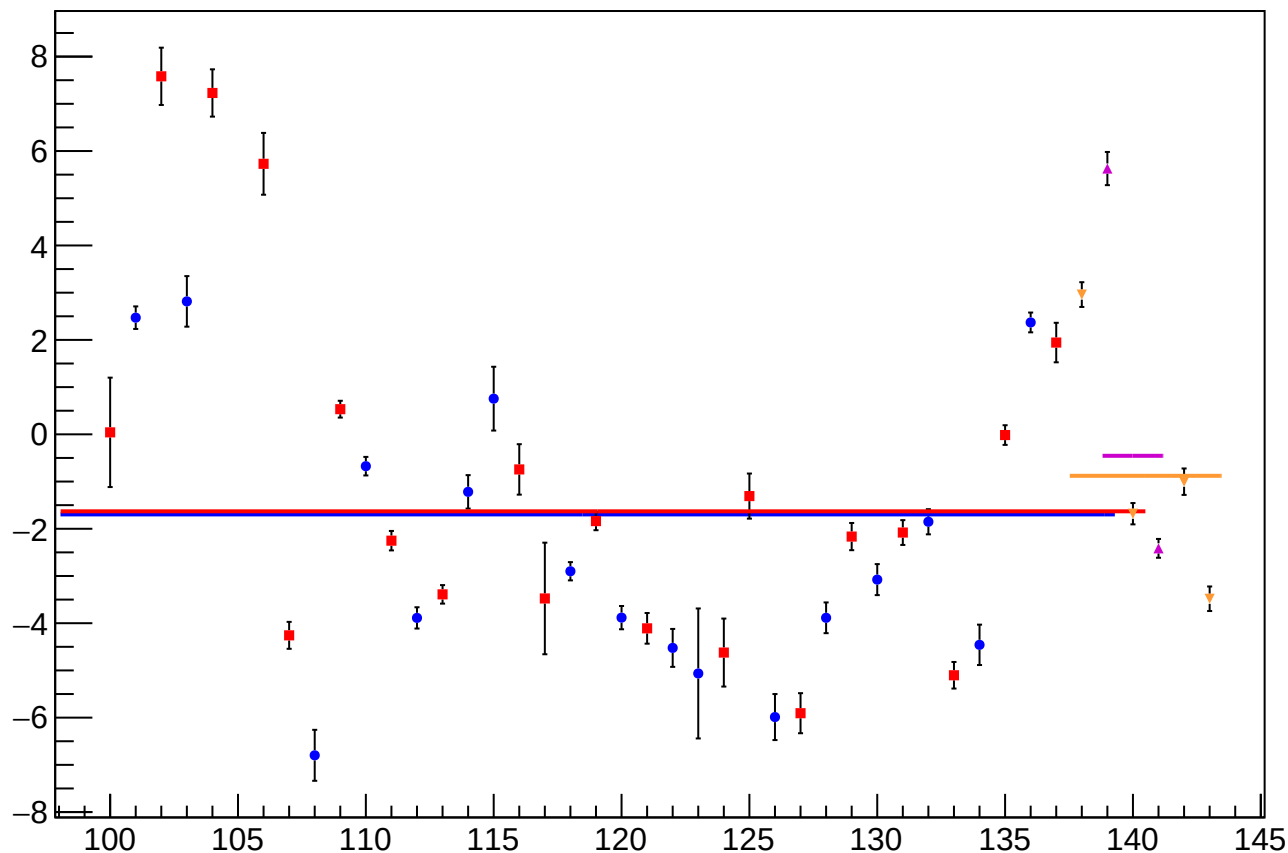
Right Out: -2.285 ± 0.101 $\chi^2/\text{NDF}: 919.7/19$

Left In: 9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

3.739 ± 0.087 $\chi^2/\text{NDF}: 7893.1/20$

0.895 ± 0.086 $\chi^2/\text{NDF}: 4891.9/21$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 $\chi^2/\text{NDF}: 1333.3/16$

Left Out: -0.878 ± 0.127 $\chi^2/\text{NDF}: 327.7/3$

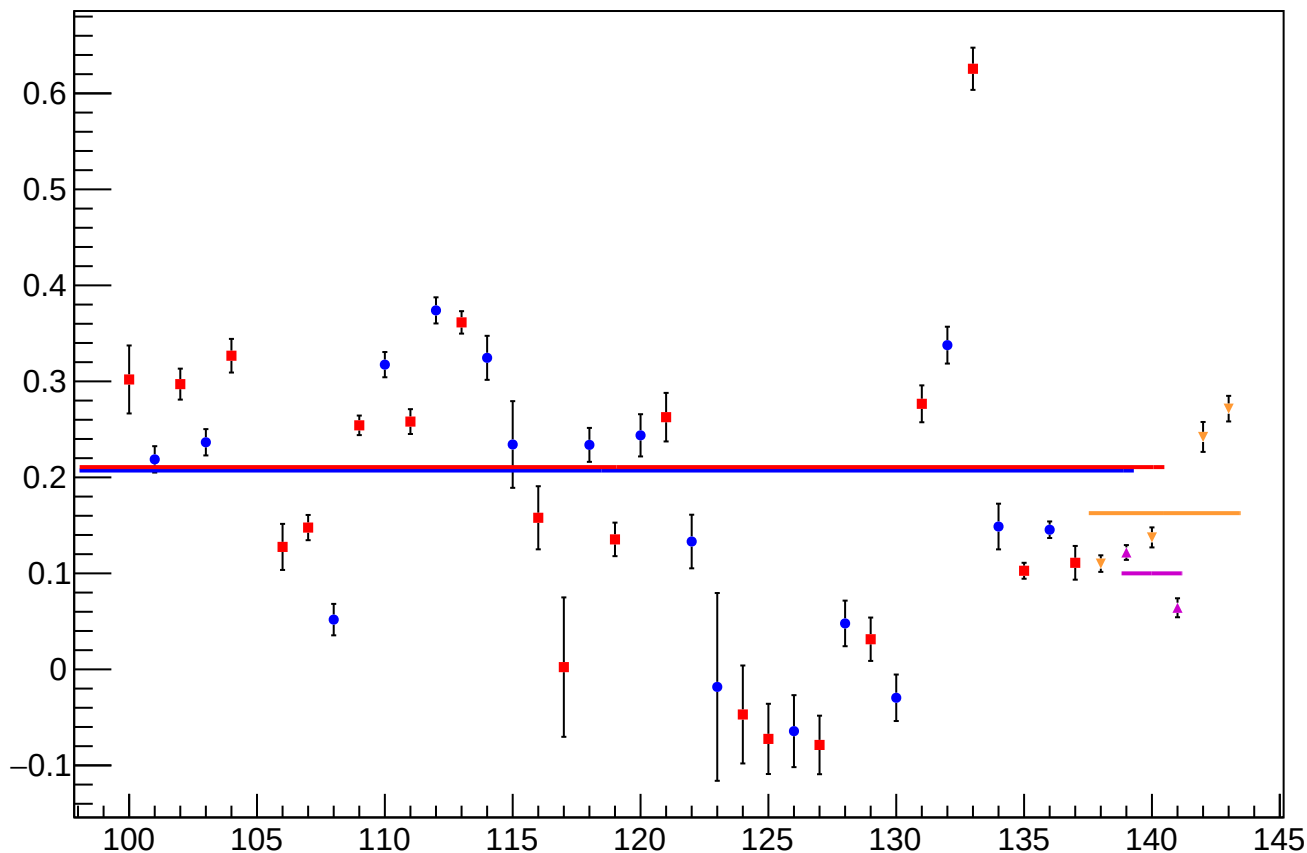
Right Out: -1.630 ± 0.067 $\chi^2/\text{NDF}: 1469.8/19$

Left In: -0.455 ± 0.174 $\chi^2/\text{NDF}: 396.0/1$

-1.500 ± 0.062 $\chi^2/\text{NDF}: 1692.4/20$

-1.478 ± 0.062 $\chi^2/\text{NDF}: 1905.8/21$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 656.3/16

Left Out: 0.163 $\pm$ 0.006 χ^2/NDF :135.5/3

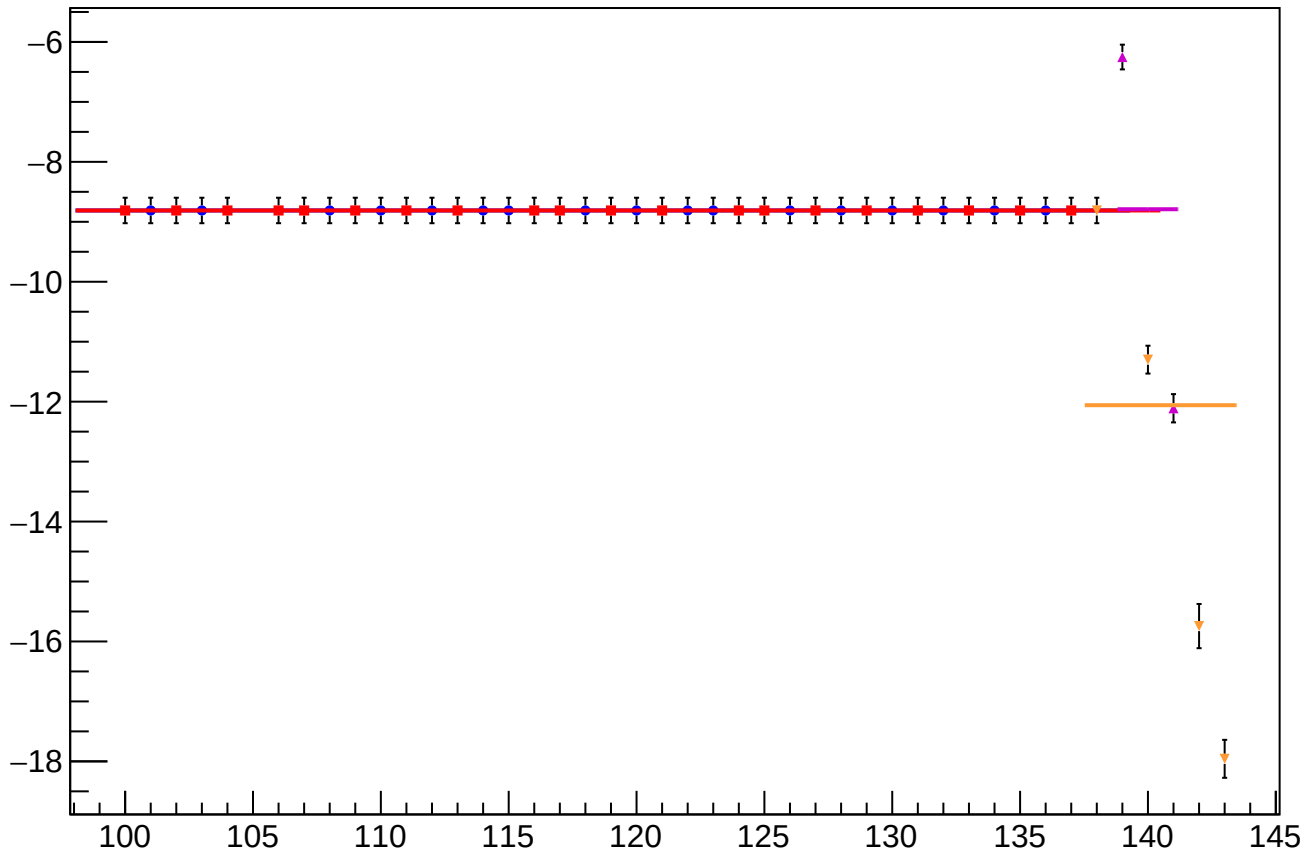
Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1153.9/19

Left In: 0.100 $\pm$ 0.006 χ^2/NDF :21.1/1

0.191 $\pm$ 0.003 χ^2/NDF : 832.4/20

0.180 $\pm$ 0.003 χ^2/NDF : 1415.1/21

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -8.811 ± 0.052 χ^2/NDF : 0.0/16

Left Out: -12.059 ± 0.131 χ^2/NDF : 691.2/3

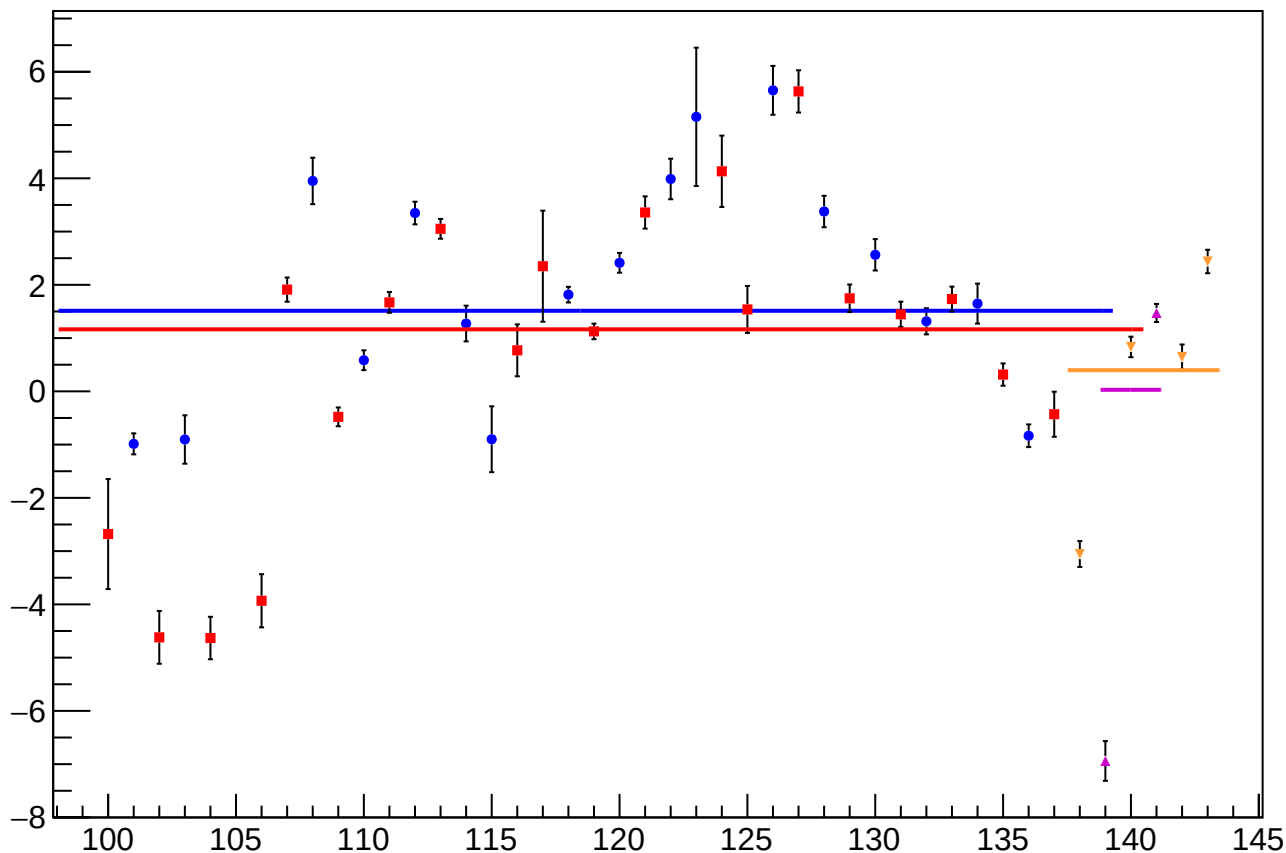
Right Out: -8.811 ± 0.048 χ^2/NDF : 0.0/19

Left In: -8.790 ± 0.155 χ^2/NDF : 349.6/1

-9.245 ± 0.048 χ^2/NDF : 1221.3/20

-8.809 ± 0.045 χ^2/NDF : 349.6/21

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 0.397 $\pm$ 0.110 χ^2/NDF : 292.8/3

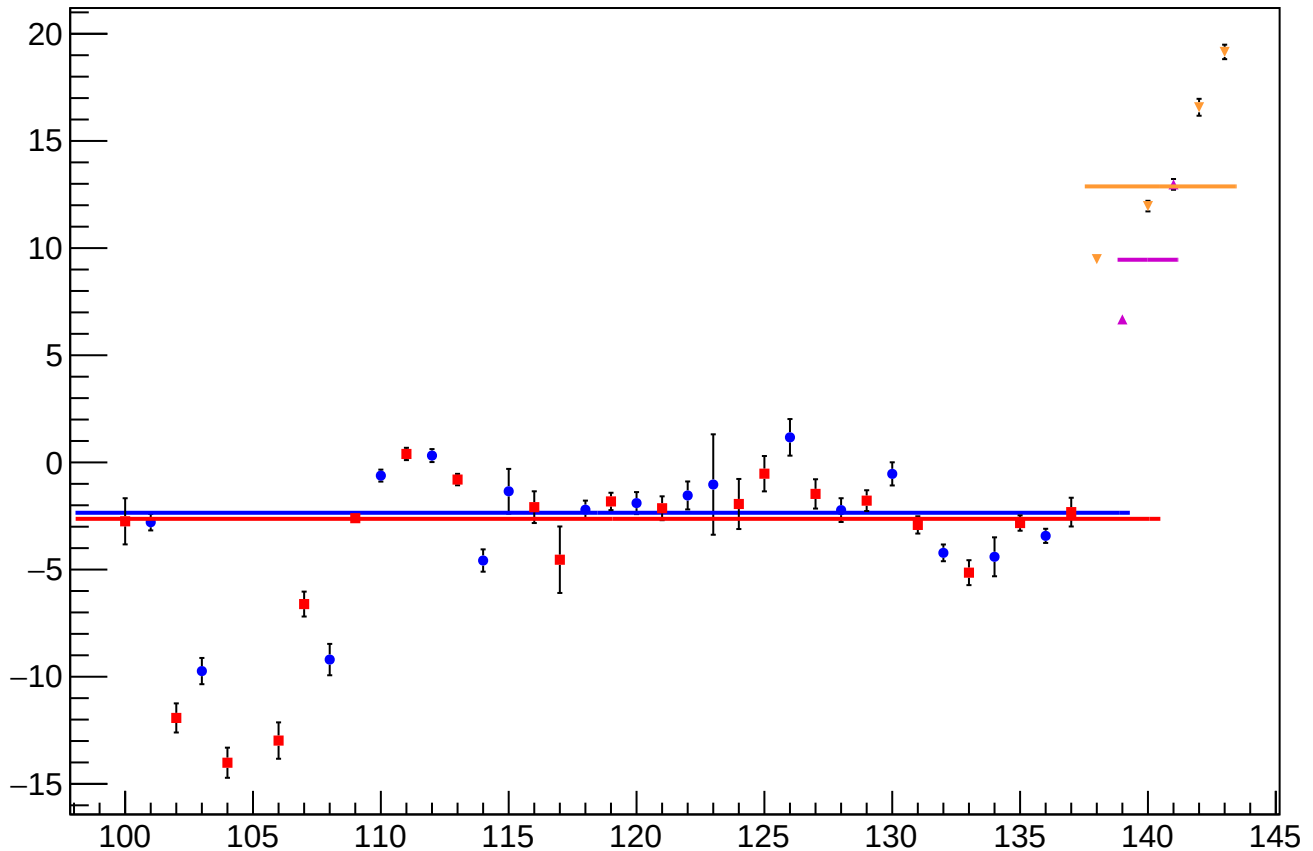
Right Out: 1.164 $\pm$ 0.060 χ^2/NDF : 918.3/19

Left In: 0.029 $\pm$ 0.154 χ^2/NDF : 421.4/1

1.240 $\pm$ 0.054 χ^2/NDF : 1040.1/20

1.015 $\pm$ 0.056 χ^2/NDF : 1386.7/21

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 12.878 ± 0.141 χ^2/NDF : 662.3/3

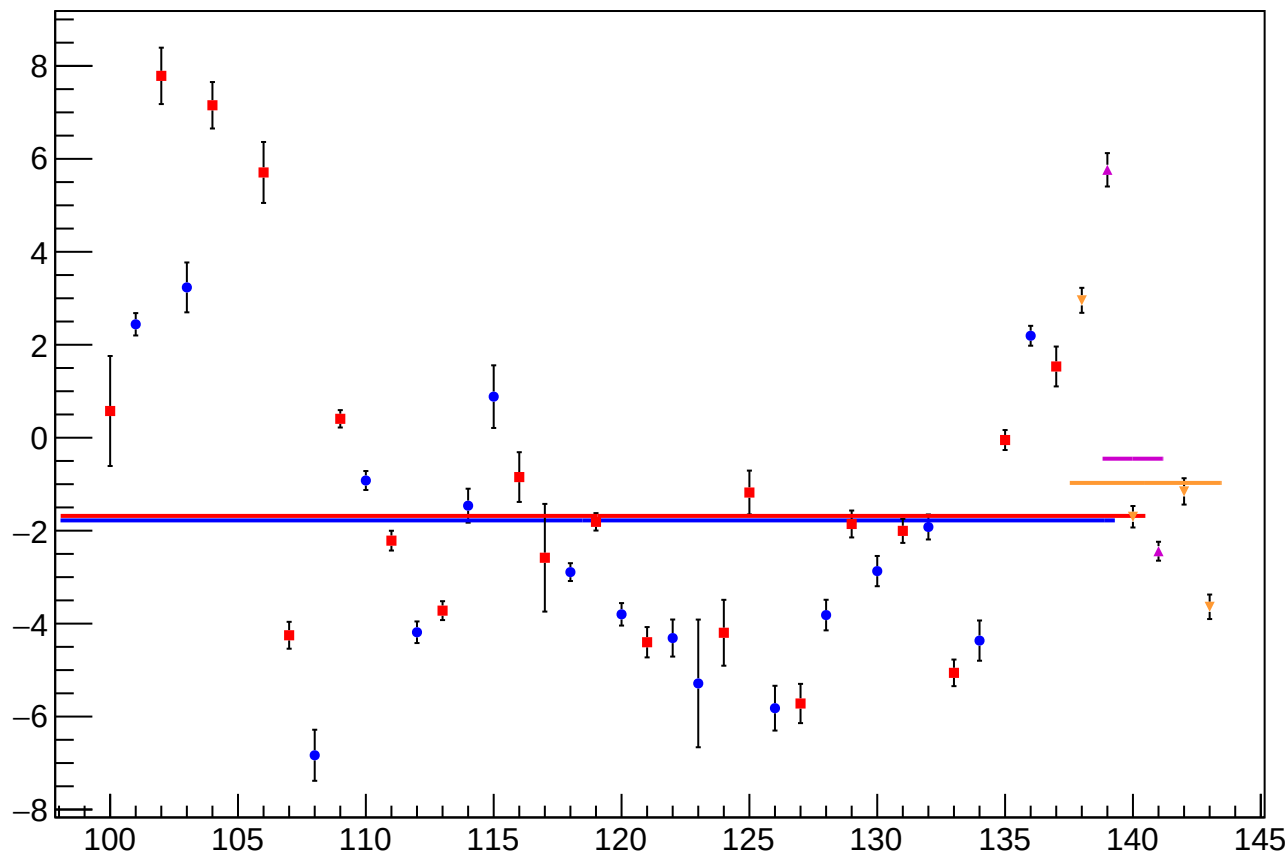
Right Out: -2.633 ± 0.103 χ^2/NDF : 841.9/19

Left In: 9.457 ± 0.167 χ^2/NDF : 352.0/1

3.686 ± 0.089 χ^2/NDF : 8137.9/20

0.707 ± 0.088 χ^2/NDF : 4998.8/21

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF : 1272.1/16

Left Out: -0.972+/-0.130 χ^2/NDF : 326.0/3

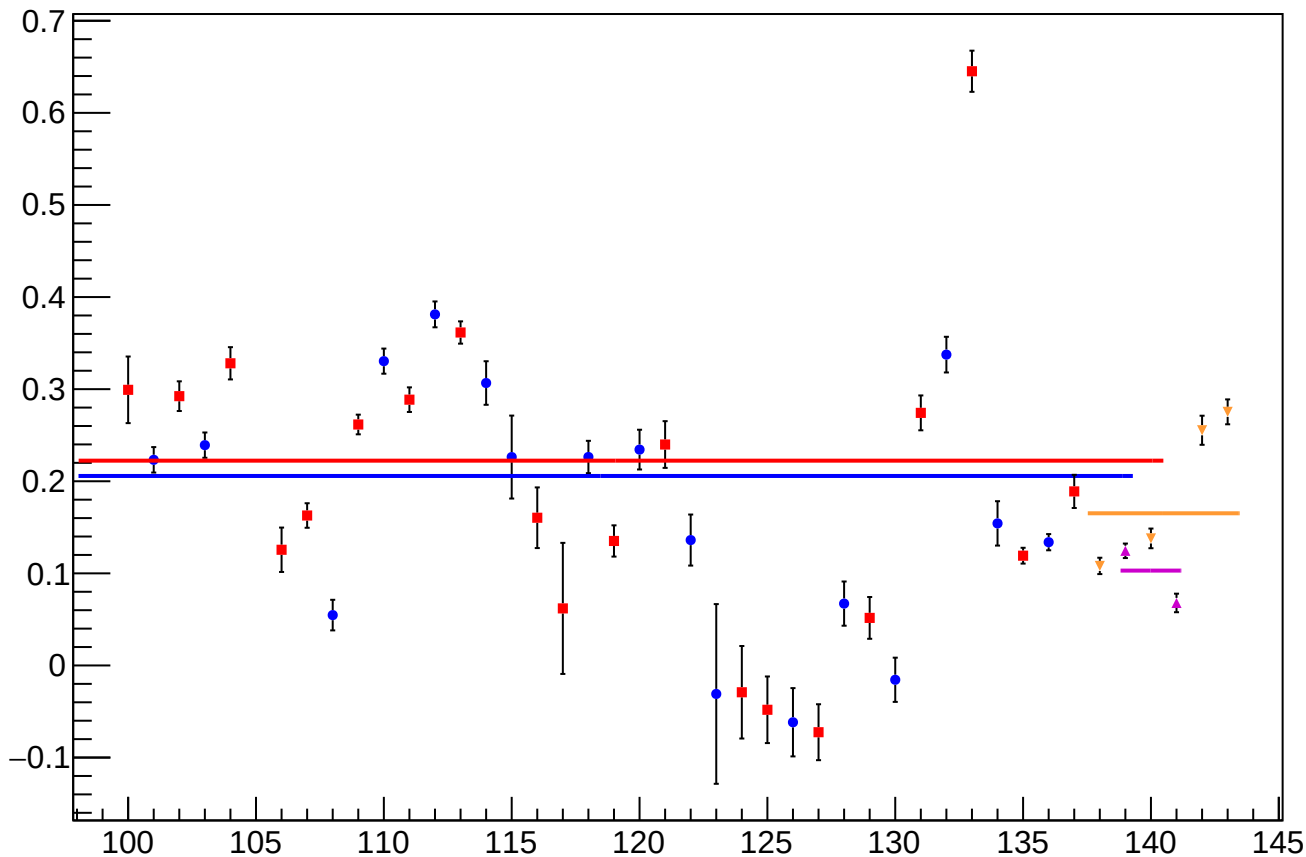
Right Out: -1.682+/-0.068 χ^2/NDF : 1430.2/19

Left In: -0.452+/-0.177 χ^2/NDF : 395.1/1

-1.588+/-0.063 χ^2/NDF : 1627.6/20

-1.524+/-0.063 χ^2/NDF : 1867.5/21

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.165 ± 0.006 χ^2/NDF : 146.9/3

Right Out: 0.222 ± 0.004 χ^2/NDF : 1047.2/19

Left In: 0.103 ± 0.006 χ^2/NDF : 19.6/1

0.191 ± 0.003 χ^2/NDF : 831.2/20

0.189 ± 0.003 χ^2/NDF : 1334.8/21