dit_asym_us_avg_mean vs Slug, Sign Corrected

Right In: 2347.792+/-295.579 χ^2/NDF: 12.6/18

Left Out: 1867.512+/-194.801 χ^2/NDF:15.1/23

Right Out: 1852.264+/-280.074 χ^2/NDF: 16.4/20

Left In: 2107.246+/-194.959 χ^2/NDF:30.0/22

Left: 1987.282+/-137.801 χ^2/NDF: 45.9/46

Right: 2086.690+/-203.303 χ^2/NDF: 30.6/39

In: 2180.170+/-162.746 χ^2/NDF:43.1/41

Out: 1862.541+/-159.922 χ^2/NDF:31.5/44

All: 2018.576+/-114.067 χ^2/NDF: 76.6/86

dit_asym_us_avg_rms vs Slug, Sign Corrected

Right In: 821.341+/-0.209 χ^2/NDF: 93533.4/18

Left Out: 818.900+/-0.138 χ^2/NDF:41670.9/23

Right Out: 820.767+/-0.198 χ^2/NDF: 25653.4/20

Left In: 818.403+/-0.138 χ^2/NDF:29907.0/22

Left: 818.652+/-0.097 χ^2/NDF: 71584.4/46

Right: 821.039+/-0.144 χ^2/NDF: 119190.8/39

In: 819.294+/-0.115 χ^2/NDF:123578.1/41

Out: 819.509+/-0.113 χ^2/NDF:67384.2/44

All: 819.403+/-0.081 χ^2/NDF: 190964.1/86

asym_us_avg_correction_mean vs Slug, Sign Corrected

Right In: 688.257+/-1437.760 χ^2/NDF: 0.9/2

Left Out: -147.864+/-347.750 χ^2/NDF:29.3/23

Right Out: -3579.184+/-1444.790 χ^2/NDF: 3.3/2

Left In: -27.722+/-344.229 χ^2/NDF:14.8/22

Left: -87.182+/-244.642 χ^2/NDF: 44.2/46

Right: -1435.056+/-1019.126 χ^2/NDF: 8.5/5

In: 11.094+/-334.768 χ^2/NDF:15.9/25

Out: -335.765+/-338.095 χ^2/NDF:37.9/26

All: -160.621+/-237.884 χ^2/NDF: 54.3/52

asym_us_avg_correction_rms vs Slug, Sign Corrected

Right In: 1450.785+/-1.017 χ^2/NDF: 19112.3/2

Left Out: 1429.065+/-0.246 χ^2/NDF:1106949.6/23

Right Out: 1804.310+/-1.022 χ^2/NDF: 27034.6/2

Left In: 1415.555+/-0.243 χ^2/NDF:1245603.5/22

Left: 1422.241+/-0.173 χ^2/NDF: 2354077.8/46

Right: 1626.685+/-0.721 χ^2/NDF: 106311.8/5

In: 1417.465+/-0.237 χ^2/NDF:1265851.5/25

Out: 1449.613+/-0.239 χ^2/NDF:1261508.2/26

All: 1433.380+/-0.168 χ^2/NDF: 2536490.7/52

asym_us_avg_mean vs Slug, Sign Corrected

Right In: 2695.444+/-535.033 χ^2/NDF: 15.0/18

Left Out: 1892.511+/-394.798 χ^2/NDF:25.9/23

Right Out: 2634.354+/-536.586 χ^2/NDF: 19.6/20

Left In: 2148.867+/-391.716 χ^2/NDF:18.4/22

Left: 2021.694+/-278.068 χ^2/NDF: 44.6/46

Right: 2664.988+/-378.873 χ^2/NDF: 34.6/39

In: 2339.604+/-316.062 χ^2/NDF:34.1/41

Out: 2153.057+/-317.999 χ^2/NDF:46.7/44

All: 2246.900+/-224.171 χ^2/NDF: 81.0/86

asym_us_avg_rms vs Slug, Sign Corrected

Right In: 1470.399+/-0.378 χ^2/NDF: 343240.2/18

Left Out: 1638.679+/-0.279 χ^2/NDF:671983.1/23

Right Out: 1548.950+/-0.379 χ^2/NDF: 490441.5/20

Left In: 1622.876+/-0.277 χ^2/NDF:780522.2/22

Left: 1630.716+/-0.197 χ^2/NDF: 1454120.1/46

Right: 1509.561+/-0.268 χ^2/NDF: 855173.6/39

In: 1569.667+/-0.223 χ^2/NDF:1229512.2/41

Out: 1607.165+/-0.225 χ^2/NDF:1198709.2/44

All: 1588.301+/-0.159 χ^2/NDF: 2442211.2/86

dit_asym_us_dd_mean vs Slug, Sign Corrected

Right In: -479.917+/-289.925 χ^2/NDF: 10.1/18

Left Out: -308.819+/-187.448 χ^2/NDF:20.6/23

Right Out: 105.266+/-271.213 χ^2/NDF: 13.3/20

Left In: -181.983+/-187.935 χ^2/NDF:25.6/22

Left: -245.566+/-132.717 χ^2/NDF: 46.4/46

Right: -167.834+/-198.062 χ^2/NDF: 25.6/39

In: -270.132+/-157.701 χ^2/NDF:36.4/41

Out: -174.960+/-154.202 χ^2/NDF:35.4/44

All: -221.479+/-110.254 χ^2/NDF: 72.1/86

dit_asym_us_dd_rms vs Slug, Sign Corrected

Right In: 797.794+/-0.205 χ^2/NDF: 391669.5/18

Left Out: 788.886+/-0.133 χ^2/NDF:9342.2/23

Right Out: 796.154+/-0.192 χ^2/NDF: 17541.8/20

Left In: 789.406+/-0.133 χ^2/NDF:9219.1/22

Left: 789.145+/-0.094 χ^2/NDF: 18569.0/46

Right: 796.919+/-0.140 χ^2/NDF: 409245.4/39

In: 791.888+/-0.112 χ^2/NDF:402067.3/41

Out: 791.235+/-0.109 χ^2/NDF:27856.1/44

All: 791.554+/-0.078 χ^2/NDF: 429940.9/86

asym_us_dd_correction_mean vs Slug, Sign Corrected

Right In: -3242.935+/-1926.759 χ^2/NDF: 0.2/2

Left Out: -2178.467+/-439.661 χ^2/NDF:22.7/23

Right Out: -4345.287+/-1775.110 χ^2/NDF: 1.3/2

Left In: -2315.169+/-437.003 χ^2/NDF:22.0/22

Left: -2247.233+/-309.943 χ^2/NDF: 44.8/46

Right: -3839.194+/-1305.517 χ^2/NDF: 1.7/5

In: -2360.560+/-426.179 χ^2/NDF:22.4/25

Out: -2303.709+/-426.766 χ^2/NDF:25.5/26

All: -2332.174+/-301.561 χ^2/NDF: 47.8/52

asym_us_dd_correction_rms vs Slug, Sign Corrected

Right In: 1968.681+/-1.362 χ^2/NDF: 574.3/2

Left Out: 1833.028+/-0.311 χ^2/NDF:465466.9/23

Right Out: 2241.220+/-1.255 χ^2/NDF: 33194.5/2

Left In: 1818.594+/-0.309 χ^2/NDF:536826.7/22

Left: 1825.767+/-0.219 χ^2/NDF: 1003377.8/46

Right: 2116.097+/-0.923 χ^2/NDF: 55413.4/5

In: 1825.937+/-0.301 χ^2/NDF:548942.8/25

Out: 1856.621+/-0.302 χ^2/NDF:598305.8/26

All: 1841.258+/-0.213 χ^2/NDF: 1152425.1/52

asym_us_dd_mean vs Slug, Sign Corrected

Right In: -234.023+/-420.216 χ^2/NDF: 16.9/18

Left Out: 294.652+/-224.344 χ^2/NDF:38.3/23

Right Out: -413.405+/-414.494 χ^2/NDF: 8.6/20

Left In: -212.080+/-224.701 χ^2/NDF:23.7/22

Left: 41.688+/-158.761 χ^2/NDF: 64.6/46

Right: -324.944+/-295.094 χ^2/NDF: 25.6/39

In: -216.959+/-198.151 χ^2/NDF:40.7/41

Out: 134.224+/-197.299 χ^2/NDF:49.1/44

All: -40.611+/-139.811 χ^2/NDF: 91.4/86

asym_us_dd_rms vs Slug, Sign Corrected

Right In: 1145.617+/-0.297 χ^2/NDF: 607954.5/18

Left Out: 943.327+/-0.159 χ^2/NDF:60410.5/23

Right Out: 1174.734+/-0.293 χ^2/NDF: 1100992.8/20

Left In: 943.137+/-0.159 χ^2/NDF:49948.2/22

Left: 943.232+/-0.112 χ^2/NDF: 110359.4/46

Right: 1160.375+/-0.209 χ^2/NDF: 1713814.2/39

In: 988.159+/-0.140 χ^2/NDF:1019008.3/41

Out: 995.758+/-0.140 χ^2/NDF:1643532.4/44

All: 991.975+/-0.099 χ^2/NDF: 2664017.8/86

dit_asym_usl_mean vs Slug, Sign Corrected

Right In: 1855.279+/-411.474 χ^2/NDF: 8.3/18

Left Out: 1562.090+/-269.272 χ^2/NDF:21.8/23

Right Out: 2002.451+/-381.568 χ^2/NDF: 14.4/21

Left In: 1926.929+/-269.667 χ^2/NDF:24.1/22

Left: 1744.243+/-190.544 χ^2/NDF: 46.8/46

Right: 1934.407+/-279.785 χ^2/NDF: 22.7/40

In: 1905.401+/-225.546 χ^2/NDF:32.4/41

Out: 1708.487+/-220.006 χ^2/NDF:37.1/45

All: 1804.496+/-157.490 χ^2/NDF: 69.9/87

dit_asym_usl_rms vs Slug, Sign Corrected

Right In: 1134.924+/-0.291 χ^2/NDF: 324424.3/18

Left Out: 1132.882+/-0.190 χ^2/NDF:16786.8/23

Right Out: 1135.330+/-0.270 χ^2/NDF: 24860.2/21

Left In: 1132.570+/-0.191 χ^2/NDF:14524.8/22

Left: 1132.727+/-0.135 χ^2/NDF: 31312.9/46

Right: 1135.142+/-0.198 χ^2/NDF: 349285.6/40

In: 1133.277+/-0.159 χ^2/NDF:338994.9/41

Out: 1133.696+/-0.156 χ^2/NDF:41701.9/45

All: 1133.492+/-0.111 χ^2/NDF: 380700.4/87

asym_usl_correction_mean vs Slug, Sign Corrected

Right In: 96.501+/-1437.230 χ^2/NDF: 0.0/2

Left Out: -830.927+/-366.086 χ^2/NDF:40.1/23

Right Out: -1556.116+/-1141.579 χ^2/NDF: 5.7/3

Left In: 21.419+/-362.476 χ^2/NDF:12.8/22

Left: -400.530+/-257.576 χ^2/NDF: 55.6/46

Right: -916.816+/-893.907 χ^2/NDF: 6.5/6

In: 25.909+/-351.470 χ^2/NDF:12.8/25

Out: -898.550+/-348.600 χ^2/NDF:46.2/27

All: -440.111+/-247.506 χ^2/NDF: 62.4/53

asym_usl_correction_rms vs Slug, Sign Corrected

Right In: 1424.165+/-1.016 χ^2/NDF: 52635.0/2

Left Out: 1508.993+/-0.259 χ^2/NDF:988673.2/23

Right Out: 1452.979+/-0.807 χ^2/NDF: 272209.5/3

Left In: 1494.507+/-0.256 χ^2/NDF:1096280.5/22

Left: 1501.678+/-0.182 χ^2/NDF: 2086534.9/46

Right: 1441.833+/-0.632 χ^2/NDF: 325337.3/6

In: 1490.300+/-0.249 χ^2/NDF:1153419.7/25

Out: 1503.769+/-0.246 χ^2/NDF:1265248.7/27

All: 1497.090+/-0.175 χ^2/NDF: 2420149.1/53

asym_usl_mean vs Slug, Sign Corrected

Right In: 2400.284+/-555.261 χ^2/NDF: 11.6/18

Left Out: 2253.979+/-456.390 χ^2/NDF:38.7/23

Right Out: 2121.018+/-542.734 χ^2/NDF: 26.0/21

Left In: 1901.797+/-453.879 χ^2/NDF:13.9/22

Left: 2076.917+/-321.825 χ^2/NDF: 52.8/46

Right: 2257.465+/-388.124 χ^2/NDF: 37.8/40

In: 2101.461+/-351.415 χ^2/NDF:26.0/41

Out: 2198.904+/-349.303 χ^2/NDF:64.8/45

All: 2150.476+/-247.738 χ^2/NDF: 90.8/87

asym_usl_rms vs Slug, Sign Corrected

Right In: 1528.085+/-0.393 χ^2/NDF: 345322.6/18

Left Out: 1903.456+/-0.323 χ^2/NDF:461899.8/23

Right Out: 1573.587+/-0.384 χ^2/NDF: 793507.9/21

Left In: 1889.326+/-0.321 χ^2/NDF:508648.5/22

Left: 1896.352+/-0.228 χ^2/NDF: 971512.1/46

Right: 1551.355+/-0.274 χ^2/NDF: 1145699.1/40

In: 1744.635+/-0.248 χ^2/NDF:1361419.5/41

Out: 1766.818+/-0.247 χ^2/NDF:1688193.8/45

All: 1755.793+/-0.175 χ^2/NDF: 3053622.0/87

dit_asym_usr_mean vs Slug, Sign Corrected

Right In: 2767.223+/-424.148 χ^2/NDF: 14.0/19

Left Out: 2213.308+/-266.921 χ^2/NDF:14.2/24

Right Out: 1815.374+/-389.274 χ^2/NDF: 16.7/21

Left In: 2314.778+/-271.873 χ^2/NDF:31.6/22

Left: 2263.111+/-190.469 χ^2/NDF: 45.8/47

Right: 2250.565+/-286.796 χ^2/NDF: 33.5/41

In: 2446.536+/-228.888 χ^2/NDF:46.4/42

Out: 2086.046+/-220.140 χ^2/NDF:31.6/46

All: 2259.271+/-158.665 χ^2/NDF: 79.3/89

dit_asym_usr_rms vs Slug, Sign Corrected

Right In: 1173.016+/-0.300 χ^2/NDF: 305053.6/19

Left Out: 1143.249+/-0.189 χ^2/NDF:39493.3/24

Right Out: 1151.113+/-0.275 χ^2/NDF: 20798.8/21

Left In: 1141.363+/-0.192 χ^2/NDF:28014.9/22

Left: 1142.324+/-0.135 χ^2/NDF: 67557.2/47

Right: 1161.127+/-0.203 χ^2/NDF: 328747.3/41

In: 1150.581+/-0.162 χ^2/NDF:340963.3/42

Out: 1145.764+/-0.156 χ^2/NDF:60847.3/46

All: 1148.079+/-0.112 χ^2/NDF: 402270.7/89

asym_usr_correction_mean vs Slug, Sign Corrected

Right In: 576.316+/-2481.057 χ^2/NDF: 0.6/2

Left Out: 633.748+/-371.934 χ^2/NDF:29.3/24

Right Out: -3860.989+/-2393.674 χ^2/NDF: 1.9/2

Left In: -72.962+/-375.277 χ^2/NDF:20.1/22

Left: 283.555+/-264.171 χ^2/NDF: 51.2/47

Right: -1721.853+/-1722.647 χ^2/NDF: 4.2/5

In: -58.439+/-371.057 χ^2/NDF:20.8/25

Out: 527.787+/-367.523 χ^2/NDF:34.6/27

All: 237.478+/-261.119 χ^2/NDF: 56.6/53

asym_usr_correction_rms vs Slug, Sign Corrected

Right In: 2489.822+/-1.754 χ^2/NDF: 26276.0/2

Left Out: 1566.626+/-0.263 χ^2/NDF:766955.2/24

Right Out: 2971.622+/-1.693 χ^2/NDF: 611.2/2

Left In: 1550.750+/-0.265 χ^2/NDF:928652.8/22

Left: 1558.759+/-0.187 χ^2/NDF: 1697413.8/47

Right: 2739.356+/-1.218 χ^2/NDF: 65949.2/5

In: 1571.754+/-0.262 χ^2/NDF:1235039.9/25

Out: 1599.748+/-0.260 χ^2/NDF:1440371.4/27

All: 1585.885+/-0.185 χ^2/NDF: 2681157.6/53

asym_usr_mean vs Slug, Sign Corrected

Right In: 3097.238+/-771.307 χ^2/NDF: 18.8/19

Left Out: 1475.648+/-451.347 χ^2/NDF:20.9/24

Right Out: 3016.949+/-762.593 χ^2/NDF: 13.3/21

Left In: 2339.905+/-457.448 χ^2/NDF:25.2/22

Left: 1901.975+/-321.286 χ^2/NDF: 47.9/47

Right: 3056.638+/-542.289 χ^2/NDF: 32.1/41

In: 2536.976+/-393.454 χ^2/NDF:44.7/42

Out: 1875.496+/-388.415 χ^2/NDF:37.2/46

All: 2201.973+/-276.415 χ^2/NDF: 83.4/89

asym_usr_rms vs Slug, Sign Corrected

Right In: 2108.643+/-0.545 χ^2/NDF: 556340.8/19

Left Out: 1920.082+/-0.319 χ^2/NDF:365919.7/24

Right Out: 2209.416+/-0.539 χ^2/NDF: 652388.0/21

Left In: 1906.043+/-0.323 χ^2/NDF:451054.7/22

Left: 1913.157+/-0.227 χ^2/NDF: 817929.0/47

Right: 2159.602+/-0.383 χ^2/NDF: 1225992.8/41

In: 1958.763+/-0.278 χ^2/NDF:1109479.9/42

Out: 1995.142+/-0.275 χ^2/NDF:1231520.6/46

All: 1977.187+/-0.195 χ^2/NDF: 2349659.7/89

dit_asym_at1_avg_mean vs Slug, Sign Corrected

Right In: 2201.287+/-732.130 χ^2/NDF: 20.4/19

Left Out: 1875.290+/-433.245 χ^2/NDF:30.0/24

Right Out: 1533.997+/-681.500 χ^2/NDF: 19.7/22

Left In: 2286.268+/-441.005 χ^2/NDF:27.3/22

Left: 2077.132+/-309.058 χ^2/NDF: 57.8/47

Right: 1843.773+/-498.833 χ^2/NDF: 40.5/42

In: 2263.643+/-377.765 χ^2/NDF:47.7/42

Out: 1777.059+/-365.618 χ^2/NDF:49.9/47

All: 2012.402+/-262.720 χ^2/NDF: 98.5/90

dit_asym_at1_avg_rms vs Slug, Sign Corrected

Right In: 1978.306+/-0.518 χ^2/NDF: 929135.0/19

Left Out: 1851.066+/-0.306 χ^2/NDF:26251.6/24

Right Out: 1986.445+/-0.482 χ^2/NDF: 699562.5/22

Left In: 1845.411+/-0.312 χ^2/NDF:8318.8/22

Left: 1848.289+/-0.219 χ^2/NDF: 34737.7/47

Right: 1982.667+/-0.353 χ^2/NDF: 1628829.9/42

In: 1880.792+/-0.267 χ^2/NDF:985807.2/42

Out: 1890.031+/-0.259 χ^2/NDF:782021.3/47

All: 1885.563+/-0.186 χ^2/NDF: 1768446.2/90

asym_at1_avg_correction_mean vs Slug, Sign Corrected

Right In: 400.965+/-613.061 χ^2/NDF: 0.4/2

Left Out: -154.845+/-119.654 χ^2/NDF:33.0/24

Right Out: -1156.976+/-452.957 χ^2/NDF: 4.4/3

Left In: -107.387+/-127.580 χ^2/NDF:13.5/22

Left: -132.636+/-87.276 χ^2/NDF: 46.6/47

Right: -606.829+/-364.307 χ^2/NDF: 9.0/6

In: -86.286+/-124.904 χ^2/NDF:14.6/25

Out: -220.214+/-115.686 χ^2/NDF:42.0/28

All: -158.374+/-84.874 χ^2/NDF: 57.2/54

asym_at1_avg_correction_rms vs Slug, Sign Corrected

Right In: 577.994+/-0.433 χ^2/NDF: 281297.1/2

Left Out: 443.961+/-0.085 χ^2/NDF:8573133.3/24

Right Out: 578.301+/-0.320 χ^2/NDF: 46816.7/3

Left In: 479.723+/-0.090 χ^2/NDF:6734597.7/22

Left: 460.697+/-0.062 χ^2/NDF: 15391334.0/47

Right: 578.193+/-0.258 χ^2/NDF: 328114.2/6

In: 483.802+/-0.088 χ^2/NDF:7065151.7/25

Out: 452.724+/-0.082 χ^2/NDF:8784398.0/28

All: 467.074+/-0.060 χ^2/NDF: 15916193.6/54

asym_at1_avg_mean vs Slug, Sign Corrected

Right In: 2382.147+/-786.054 χ^2/NDF: 21.1/19

Left Out: 1834.720+/-463.777 χ^2/NDF:32.8/24

Right Out: 1894.954+/-744.021 χ^2/NDF: 23.5/22

Left In: 2260.178+/-472.324 χ^2/NDF:26.3/22

Left: 2043.565+/-330.920 χ^2/NDF: 59.5/47

Right: 2125.177+/-540.351 χ^2/NDF: 44.7/42

In: 2292.533+/-404.857 χ^2/NDF:47.4/42

Out: 1851.575+/-393.576 χ^2/NDF:56.3/47

All: 2065.825+/-282.204 χ^2/NDF: 104.3/90

asym_at1_avg_rms vs Slug, Sign Corrected

Right In: 2138.329+/-0.556 χ^2/NDF: 725705.3/19

Left Out: 1978.045+/-0.328 χ^2/NDF:137699.3/24

Right Out: 2154.228+/-0.526 χ^2/NDF: 893101.7/22

Left In: 1973.216+/-0.334 χ^2/NDF:120479.3/22

Left: 1975.675+/-0.234 χ^2/NDF: 258285.0/47

Right: 2146.715+/-0.382 χ^2/NDF: 1619238.6/42

In: 2017.017+/-0.286 χ^2/NDF:911019.6/42

Out: 2027.345+/-0.278 χ^2/NDF:1111567.4/47

All: 2022.327+/-0.200 χ^2/NDF: 2023256.3/90

dit_asym_at1_dd_mean vs Slug, Sign Corrected

Right In: -647.395+/-731.162 χ^2/NDF: 20.1/19

Left Out: -858.637+/-431.465 χ^2/NDF:26.9/24

Right Out: -545.221+/-670.865 χ^2/NDF: 23.1/22

Left In: -427.682+/-439.561 χ^2/NDF:33.7/22

Left: -647.165+/-307.914 χ^2/NDF: 61.1/47

Right: -591.922+/-494.318 χ^2/NDF: 43.2/42

In: -486.010+/-376.724 χ^2/NDF:53.9/42

Out: -766.930+/-362.891 χ^2/NDF:50.1/47

All: -631.722+/-261.356 χ^2/NDF: 104.3/90

dit_asym_at1_dd_rms vs Slug, Sign Corrected

Right In: 1980.395+/-0.517 χ^2/NDF: 856383.6/19

Left Out: 1843.534+/-0.305 χ^2/NDF:24974.2/24

Right Out: 1960.026+/-0.474 χ^2/NDF: 450063.0/22

Left In: 1839.431+/-0.311 χ^2/NDF:6418.5/22

Left: 1841.521+/-0.218 χ^2/NDF: 31481.4/47

Right: 1969.337+/-0.350 χ^2/NDF: 1307289.4/42

In: 1876.853+/-0.266 χ^2/NDF:917406.7/42

Out: 1877.620+/-0.257 χ^2/NDF:517697.0/47

All: 1877.251+/-0.185 χ^2/NDF: 1435108.0/90

asym_at1_dd_correction_mean vs Slug, Sign Corrected

Right In: -282.277+/-964.814 χ^2/NDF: 0.0/2

Left Out: 407.320+/-101.221 χ^2/NDF:62.1/24

Right Out: -133.909+/-636.291 χ^2/NDF: 9.6/3

Left In: 13.395+/-102.912 χ^2/NDF:29.2/22

Left: 213.621+/-72.165 χ^2/NDF: 98.8/47

Right: -178.880+/-531.178 χ^2/NDF: 9.6/6

In: 10.069+/-102.332 χ^2/NDF:29.4/25

Out: 393.962+/-99.964 χ^2/NDF:72.4/28

All: 206.507+/-71.508 χ^2/NDF: 109.0/54

asym_at1_dd_correction_rms vs Slug, Sign Corrected

Right In: 946.513+/-0.682 χ^2/NDF: 70400.9/2

Left Out: 428.052+/-0.072 χ^2/NDF:704731.3/24

Right Out: 768.893+/-0.450 χ^2/NDF: 582139.3/3

Left In: 428.926+/-0.073 χ^2/NDF:418755.3/22

Left: 428.482+/-0.051 χ^2/NDF: 1123560.0/47

Right: 822.730+/-0.376 χ^2/NDF: 699778.2/6

In: 434.749+/-0.072 χ^2/NDF:1058264.3/25

Out: 436.465+/-0.071 χ^2/NDF:1846587.2/28

All: 435.627+/-0.051 χ^2/NDF: 2905139.1/54

asym_at1_dd_mean vs Slug, Sign Corrected

Right In: -876.018+/-797.811 χ^2/NDF: 19.9/19

Left Out: -1294.152+/-444.151 χ^2/NDF:29.6/24

Right Out: -697.328+/-762.580 χ^2/NDF: 25.3/22

Left In: -485.827+/-452.020 χ^2/NDF:32.4/22

Left: -897.086+/-316.808 χ^2/NDF: 63.7/47

Right: -782.640+/-551.260 χ^2/NDF: 45.3/42

In: -580.644+/-393.283 χ^2/NDF:52.5/42

Out: -1142.976+/-383.799 χ^2/NDF:55.4/47

All: -868.672+/-274.679 χ^2/NDF: 108.9/90

asym_at1_dd_rms vs Slug, Sign Corrected

Right In: 2163.910+/-0.564 χ^2/NDF: 814302.1/19

Left Out: 1897.670+/-0.314 χ^2/NDF:35089.1/24

Right Out: 2200.569+/-0.539 χ^2/NDF: 1023295.9/22

Left In: 1891.722+/-0.320 χ^2/NDF:7584.2/22

Left: 1894.748+/-0.224 χ^2/NDF: 42849.4/47

Right: 2183.067+/-0.390 χ^2/NDF: 1839804.6/42

In: 1957.864+/-0.278 χ^2/NDF:998109.6/42

Out: 1974.395+/-0.271 χ^2/NDF:1293999.4/47

All: 1966.331+/-0.194 χ^2/NDF: 2293918.8/90

dit_asym_at2_avg_mean vs Slug, Sign Corrected

Right In: 2720.072+/-734.586 χ^2/NDF: 8.0/19

Left Out: 1087.902+/-540.984 χ^2/NDF:29.9/24

Right Out: 1221.390+/-674.520 χ^2/NDF: 30.1/22

Left In: 2981.160+/-546.107 χ^2/NDF:14.0/22

Left: 2025.608+/-384.332 χ^2/NDF: 50.0/47

Right: 1906.962+/-496.838 χ^2/NDF: 40.4/42

In: 2888.225+/-438.266 χ^2/NDF:22.1/42

Out: 1140.156+/-422.019 χ^2/NDF:60.0/47

All: 1981.190+/-303.994 χ^2/NDF: 90.4/90

dit_asym_at2_avg_rms vs Slug, Sign Corrected

Right In: 1972.395+/-0.519 χ^2/NDF: 1000293.4/19

Left Out: 2283.204+/-0.383 χ^2/NDF:634430.6/24

Right Out: 1935.221+/-0.477 χ^2/NDF: 884572.2/22

Left In: 2271.946+/-0.386 χ^2/NDF:243546.3/22

Left: 2277.628+/-0.272 χ^2/NDF: 878405.9/47

Right: 1952.224+/-0.351 χ^2/NDF: 1887644.8/42

In: 2165.320+/-0.310 χ^2/NDF:1458032.8/42

Out: 2146.961+/-0.298 χ^2/NDF:1842995.3/47

All: 2155.794+/-0.215 χ^2/NDF: 3302849.2/90

asym_at2_avg_correction_mean vs Slug, Sign Corrected

Right In: 4884.390+/-9657.209 χ^2/NDF: 0.9/2

Left Out: -124.370+/-2141.976 χ^2/NDF:29.7/24

Right Out: -17464.488+/-6235.053 χ^2/NDF: 3.9/3

Left In: -185.013+/-2330.398 χ^2/NDF:15.0/22

Left: -152.141+/-1577.017 χ^2/NDF: 44.7/47

Right: -10889.277+/-5238.158 χ^2/NDF: 8.6/6

In: 93.942+/-2265.373 χ^2/NDF:16.2/25

Out: -1954.796+/-2025.770 χ^2/NDF:40.6/28

All: -1044.466+/-1510.066 χ^2/NDF: 57.2/54

asym_at2_avg_correction_rms vs Slug, Sign Corrected

Right In: 9758.501+/-6.829 χ^2/NDF: 13218.7/2

Left Out: 8757.819+/-1.515 χ^2/NDF:2779104.9/24

Right Out: 7635.681+/-4.409 χ^2/NDF: 622956.3/3

Left In: 9604.027+/-1.648 χ^2/NDF:1095805.7/22

Left: 9145.335+/-1.115 χ^2/NDF: 4017855.5/47

Right: 8260.231+/-3.704 χ^2/NDF: 704382.1/6

In: 9612.528+/-1.602 χ^2/NDF:1109507.9/25

Out: 8639.366+/-1.432 χ^2/NDF:3460003.1/28

All: 9071.777+/-1.068 χ^2/NDF: 4774595.2/54

asym_at2_avg_mean vs Slug, Sign Corrected

Right In: 4747.022+/-2829.435 χ^2/NDF: 15.9/19

Left Out: 1145.185+/-2232.341 χ^2/NDF:27.9/24

Right Out: 6412.583+/-2608.098 χ^2/NDF: 24.8/22

Left In: 3316.960+/-2336.196 χ^2/NDF:13.4/22

Left: 2181.728+/-1613.970 χ^2/NDF: 41.7/47

Right: 5647.488+/-1917.685 χ^2/NDF: 40.9/42

In: 3896.676+/-1801.482 χ^2/NDF:29.5/42

Out: 3372.433+/-1695.938 χ^2/NDF:55.0/47

All: 3618.748+/-1234.836 χ^2/NDF: 84.6/90

asym_at2_avg_rms vs Slug, Sign Corrected

Right In: 7710.079+/-2.001 χ^2/NDF: 585558.0/19

Left Out: 9315.396+/-1.579 χ^2/NDF:1503512.6/24

Right Out: 7441.984+/-1.844 χ^2/NDF: 1110085.7/22

Left In: 9630.345+/-1.652 χ^2/NDF:1074643.5/22

Left: 9465.715+/-1.141 χ^2/NDF: 2597156.4/47

Right: 7565.124+/-1.356 χ^2/NDF: 1705352.6/42

In: 8851.890+/-1.274 χ^2/NDF:2207981.9/42

Out: 8523.145+/-1.199 χ^2/NDF:3209267.6/47

All: 8677.599+/-0.873 χ^2/NDF: 5452560.7/90

dit_asym_at2_dd_mean vs Slug, Sign Corrected

Right In: -899.433+/-632.391 χ^2/NDF: 14.7/19

Left Out: -403.389+/-419.243 χ^2/NDF:28.9/24

Right Out: 236.618+/-585.398 χ^2/NDF: 18.6/22

Left In: -53.539+/-422.570 χ^2/NDF:20.9/22

Left: -229.847+/-297.619 χ^2/NDF: 50.1/47

Right: -287.634+/-429.593 χ^2/NDF: 35.0/42

In: -314.648+/-351.349 χ^2/NDF:36.8/42

Out: -186.416+/-340.849 χ^2/NDF:48.3/47

All: -248.588+/-244.644 χ^2/NDF: 85.1/90

dit_asym_at2_dd_rms vs Slug, Sign Corrected

Right In: 1711.950+/-0.447 χ^2/NDF: 783740.8/19

Left Out: 1779.434+/-0.296 χ^2/NDF:610925.0/24

Right Out: 1696.420+/-0.414 χ^2/NDF: 658538.0/22

Left In: 1767.314+/-0.299 χ^2/NDF:196583.8/22

Left: 1773.422+/-0.210 χ^2/NDF: 808337.9/47

Right: 1703.587+/-0.304 χ^2/NDF: 1442928.3/42

In: 1750.224+/-0.248 χ^2/NDF:990921.7/42

Out: 1751.291+/-0.241 χ^2/NDF:1296047.2/47

All: 1750.774+/-0.173 χ^2/NDF: 2286978.4/90

asym_at2_dd_correction_mean vs Slug, Sign Corrected

Right In: 928.782+/-4355.161 χ^2/NDF: 0.5/2

Left Out: 191.104+/-869.912 χ^2/NDF:30.6/24

Right Out: 4558.405+/-3676.808 χ^2/NDF: 5.5/3

Left In: -426.004+/-874.870 χ^2/NDF:21.3/22

Left: -115.696+/-616.866 χ^2/NDF: 52.1/47

Right: 3047.969+/-2809.472 χ^2/NDF: 6.4/6

In: -373.455+/-857.735 χ^2/NDF:21.9/25

Out: 422.613+/-846.541 χ^2/NDF:37.4/28

All: 29.808+/-602.514 χ^2/NDF: 59.7/54

asym_at2_dd_correction_rms vs Slug, Sign Corrected

Right In: 4469.473+/-3.080 χ^2/NDF: 1537.1/2

Left Out: 3691.174+/-0.615 χ^2/NDF:639471.7/24

Right Out: 4871.521+/-2.600 χ^2/NDF: 28483.9/3

Left In: 3659.086+/-0.619 χ^2/NDF:198077.1/22

Left: 3675.221+/-0.436 χ^2/NDF: 838901.7/47

Right: 4704.216+/-1.987 χ^2/NDF: 39972.6/6

In: 3690.519+/-0.607 χ^2/NDF:266176.0/25

Out: 3753.746+/-0.599 χ^2/NDF:863149.8/28

All: 3722.548+/-0.426 χ^2/NDF: 1134830.8/54

asym_at2_dd_mean vs Slug, Sign Corrected

Right In: 804.888+/-920.135 χ^2/NDF: 21.8/19

Left Out: -551.411+/-481.630 χ^2/NDF:34.0/24

Right Out: 806.211+/-872.774 χ^2/NDF: 17.8/22

Left In: 366.243+/-483.092 χ^2/NDF:20.5/22

Left: -93.975+/-341.080 χ^2/NDF: 56.4/47

Right: 805.584+/-633.226 χ^2/NDF: 39.6/42

In: 461.028+/-427.725 χ^2/NDF:42.5/42

Out: -234.492+/-421.684 χ^2/NDF:53.6/47

All: 108.322+/-300.289 χ^2/NDF: 97.5/90

asym_at2_dd_rms vs Slug, Sign Corrected

Right In: 2504.177+/-0.651 χ^2/NDF: 588972.7/19

Left Out: 2041.781+/-0.341 χ^2/NDF:706854.2/24

Right Out: 2485.710+/-0.617 χ^2/NDF: 1019181.9/22

Left In: 2021.065+/-0.342 χ^2/NDF:178726.2/22

Left: 2031.455+/-0.241 χ^2/NDF: 887424.8/47

Right: 2494.456+/-0.448 χ^2/NDF: 1608578.7/42

In: 2125.459+/-0.302 χ^2/NDF:1199906.0/42

Out: 2145.412+/-0.298 χ^2/NDF:2122682.9/47

All: 2135.577+/-0.212 χ^2/NDF: 3324796.0/90

dit_asym_atl_avg_mean vs Slug, Sign Corrected

Right In: 1916.183+/-654.756 χ^2/NDF: 15.9/19

Left Out: 837.426+/-454.502 χ^2/NDF:32.3/24

Right Out: 1195.495+/-629.264 χ^2/NDF: 24.7/22

Left In: 2235.652+/-457.720 χ^2/NDF:31.0/22

Left: 1531.607+/-322.513 χ^2/NDF: 68.0/47

Right: 1541.536+/-453.701 χ^2/NDF: 41.2/42

In: 2130.779+/-375.143 χ^2/NDF:47.0/42

Out: 960.183+/-368.446 χ^2/NDF:57.2/47

All: 1534.940+/-262.866 χ^2/NDF: 109.2/90

dit_asym_atl_avg_rms vs Slug, Sign Corrected

Right In: 1770.499+/-0.463 χ^2/NDF: 812697.5/19

Left Out: 1924.077+/-0.321 χ^2/NDF:583939.2/24

Right Out: 1840.428+/-0.445 χ^2/NDF: 580672.4/22

Left In: 1909.656+/-0.324 χ^2/NDF:164475.5/22

Left: 1916.918+/-0.228 χ^2/NDF: 749414.3/47

Right: 1806.884+/-0.321 χ^2/NDF: 1405240.0/42

In: 1863.975+/-0.265 χ^2/NDF:1037857.4/42

Out: 1895.364+/-0.260 χ^2/NDF:1187865.8/47

All: 1879.957+/-0.186 χ^2/NDF: 2232852.5/90

asym_atl_avg_correction_mean vs Slug, Sign Corrected

Right In: 2104.332+/-4301.463 χ^2/NDF: 0.8/2

Left Out: -1349.584+/-690.658 χ^2/NDF:30.9/24

Right Out: -11575.289+/-3807.280 χ^2/NDF: 3.8/3

Left In: -294.047+/-1252.274 χ^2/NDF:14.5/22

Left: -1103.398+/-604.776 χ^2/NDF: 46.0/47

Right: -5566.091+/-2850.936 χ^2/NDF: 10.2/6

In: -106.655+/-1202.357 χ^2/NDF:15.6/25

Out: -1675.367+/-679.567 χ^2/NDF:41.6/28

All: -1295.572+/-591.611 χ^2/NDF: 58.6/54

asym_atl_avg_correction_rms vs Slug, Sign Corrected

Right In: 4341.046+/-3.042 χ^2/NDF: 14043.7/2

Left Out: 2017.245+/-0.488 χ^2/NDF:19159743.3/24

Right Out: 5096.255+/-2.692 χ^2/NDF: 59532.8/3

Left In: 5130.756+/-0.885 χ^2/NDF:1489813.1/22

Left: 2743.420+/-0.428 χ^2/NDF: 30129278.1/47

Right: 4764.506+/-2.016 χ^2/NDF: 108144.8/6

In: 5069.054+/-0.850 χ^2/NDF:1566001.2/25

Out: 2115.340+/-0.481 χ^2/NDF:20485647.4/28

All: 2830.453+/-0.418 χ^2/NDF: 31199274.7/5

asym_atl_avg_mean vs Slug, Sign Corrected

Right In: 1677.344+/-1254.670 χ^2/NDF: 17.1/19

Left Out: 1132.501+/-1280.211 χ^2/NDF:32.5/24

Right Out: 1629.484+/-1224.874 χ^2/NDF: 39.0/22

Left In: 3061.439+/-1313.197 χ^2/NDF:12.3/22

Left: 2072.439+/-916.686 χ^2/NDF: 45.9/47

Right: 1652.839+/-876.461 χ^2/NDF: 56.1/42

In: 2337.862+/-907.171 χ^2/NDF:30.0/42

Out: 1391.966+/-885.033 χ^2/NDF:71.5/47

All: 1853.231+/-633.495 χ^2/NDF: 102.1/90

asym_atl_avg_rms vs Slug, Sign Corrected

Right In: 3233.276+/-0.887 χ^2/NDF: 2131988.6/19

Left Out: 5366.944+/-0.905 χ^2/NDF:1213541.3/24

Right Out: 3288.941+/-0.855 χ^2/NDF: 2685371.5/22

Left In: 5391.987+/-0.929 χ^2/NDF:1320415.5/22

Left: 5379.147+/-0.648 χ^2/NDF: 2534329.7/47

Right: 3262.146+/-0.616 χ^2/NDF: 4819401.8/42

In: 4263.451+/-0.641 χ^2/NDF:6277805.0/42

Out: 4268.338+/-0.621 χ^2/NDF:6684743.8/47

All: 4265.972+/-0.446 χ^2/NDF: 12962578.8/9

dit_asym_atl_dd_mean vs Slug, Sign Corrected

Right In: -279.197+/-648.118 χ^2/NDF: 16.9/19

Left Out: 23.375+/-440.724 χ^2/NDF:31.7/24

Right Out: -380.522+/-612.031 χ^2/NDF: 27.6/22

Left In: -514.693+/-444.402 χ^2/NDF:5.9/22

Left: -243.423+/-312.931 χ^2/NDF: 38.4/47

Right: -332.759+/-444.982 χ^2/NDF: 44.5/42

In: -439.381+/-366.517 χ^2/NDF:22.9/42

Out: -114.546+/-357.645 χ^2/NDF:59.5/47

All: -272.984+/-255.973 χ^2/NDF: 82.9/90

dit_asym_atl_dd_rms vs Slug, Sign Corrected

Right In: 1773.047+/-0.458 χ^2/NDF: 442775.2/19

Left Out: 1867.539+/-0.312 χ^2/NDF:545343.0/24

Right Out: 1793.967+/-0.432 χ^2/NDF: 492320.5/22

Left In: 1855.480+/-0.314 χ^2/NDF:136219.4/22

Left: 1861.559+/-0.221 χ^2/NDF: 682305.0/47

Right: 1784.119+/-0.314 χ^2/NDF: 936198.6/42

In: 1829.117+/-0.259 χ^2/NDF:601001.4/42

Out: 1842.374+/-0.253 χ^2/NDF:1056727.1/47

All: 1835.911+/-0.181 χ^2/NDF: 1659069.3/90

asym_atl_dd_correction_mean vs Slug, Sign Corrected

Right In: -1940.565+/-4210.476 χ^2/NDF: 0.8/2

Left Out: 325.135+/-488.239 χ^2/NDF:32.5/24

Right Out: 11520.460+/-3687.128 χ^2/NDF: 3.7/3

Left In: 40.142+/-1109.747 χ^2/NDF:13.9/22

Left: 278.917+/-446.900 χ^2/NDF: 46.4/47

Right: 5678.065+/-2773.879 χ^2/NDF: 10.3/6

In: -88.517+/-1073.100 χ^2/NDF:14.9/25

Out: 518.054+/-484.014 χ^2/NDF:45.3/28

All: 415.514+/-441.210 χ^2/NDF: 60.4/54

asym_atl_dd_correction_rms vs Slug, Sign Corrected

Right In: 4248.784+/-2.977 χ^2/NDF: 10158.7/2

Left Out: 1236.170+/-0.345 χ^2/NDF:23395886.7/24

Right Out: 4889.310+/-2.607 χ^2/NDF: 143808.4/3

Left In: 4570.398+/-0.785 χ^2/NDF:1145211.6/22

Left: 1776.884+/-0.316 χ^2/NDF: 39667244.3/47

Right: 4611.307+/-1.961 χ^2/NDF: 180163.4/6

In: 4549.507+/-0.759 χ^2/NDF:1166281.4/25

Out: 1299.121+/-0.342 χ^2/NDF:25469161.3/28

All: 1848.594+/-0.312 χ^2/NDF: 41882833.2/5

asym_atl_dd_mean vs Slug, Sign Corrected

Right In: -852.784+/-1201.551 χ^2/NDF: 16.3/19

Left Out: -845.427+/-1152.677 χ^2/NDF:30.0/24

Right Out: -1824.104+/-1137.697 χ^2/NDF: 24.7/22

Left In: -385.098+/-1181.458 χ^2/NDF:13.9/22

Left: -620.938+/-825.053 χ^2/NDF: 44.0/47

Right: -1364.938+/-826.125 χ^2/NDF: 41.3/42

In: -614.998+/-842.431 χ^2/NDF:30.3/42

Out: -1341.166+/-809.717 χ^2/NDF:55.1/47

All: -992.455+/-583.779 χ^2/NDF: 85.8/90

asym_atl_dd_rms vs Slug, Sign Corrected

Right In: 3211.585+/-0.850 χ^2/NDF: 1165966.0/19

Left Out: 4854.932+/-0.815 χ^2/NDF:895557.4/24

Right Out: 3201.218+/-0.795 χ^2/NDF: 1472461.4/22

Left In: 4878.261+/-0.835 χ^2/NDF:965222.2/22

Left: 4866.309+/-0.583 χ^2/NDF: 1861179.2/47

Right: 3206.060+/-0.581 χ^2/NDF: 2638506.7/42

In: 4058.971+/-0.596 χ^2/NDF:4087698.3/42

Out: 4007.799+/-0.569 χ^2/NDF:4476777.9/47

All: 4032.224+/-0.412 χ^2/NDF: 8568333.6/90

dit_asym_atr_avg_mean vs Slug, Sign Corrected

Right In: 3187.218+/-754.612 χ^2/NDF: 12.7/19

Left Out: 2019.326+/-481.340 χ^2/NDF:27.1/24

Right Out: 1780.008+/-705.582 χ^2/NDF: 25.8/22

Left In: 2916.079+/-489.445 χ^2/NDF:28.8/22

Left: 2460.216+/-343.188 χ^2/NDF: 57.7/47

Right: 2436.415+/-515.384 χ^2/NDF: 40.3/42

In: 2996.368+/-410.634 χ^2/NDF:41.6/42

Out: 1943.323+/-397.627 χ^2/NDF:53.0/47

All: 2452.904+/-285.653 χ^2/NDF: 98.0/90

dit_asym_atr_avg_rms vs Slug, Sign Corrected

Right In: 2049.943+/-0.534 χ^2/NDF: 774088.2/19

Left Out: 2053.296+/-0.340 χ^2/NDF:136888.1/24

Right Out: 2048.226+/-0.499 χ^2/NDF: 609203.2/22

Left In: 2047.277+/-0.346 χ^2/NDF:103001.2/22

Left: 2050.337+/-0.243 χ^2/NDF: 240043.0/47

Right: 2049.026+/-0.364 χ^2/NDF: 1383296.8/42

In: 2048.067+/-0.290 χ^2/NDF:877106.9/42

Out: 2051.685+/-0.281 χ^2/NDF:746161.8/47

All: 2049.934+/-0.202 χ^2/NDF: 1623348.8/90

asym_atr_avg_correction_mean vs Slug, Sign Corrected

Right In: 3294.210+/-6020.289 χ^2/NDF: 0.8/2

Left Out: 25.977+/-1194.625 χ^2/NDF:29.2/24

Right Out: -31.692+/-15.145 χ^2/NDF: 8.8/3

Left In: -23.765+/-1211.652 χ^2/NDF:15.2/22

Left: 1.458+/-850.684 χ^2/NDF: 44.4/47

Right: -31.671+/-15.145 χ^2/NDF: 10.0/6

In: 105.401+/-1187.834 χ^2/NDF:16.3/25

Out: -31.683+/-15.144 χ^2/NDF:38.1/28

All: -31.660+/-15.143 χ^2/NDF: 54.4/54

asym_atr_avg_correction_rms vs Slug, Sign Corrected

Right In: 6054.997+/-4.257 χ^2/NDF: 33243.8/2

Left Out: 5002.559+/-0.845 χ^2/NDF:1145597.1/24

Right Out: 7.560+/-0.011 χ^2/NDF: 3113296.0/3

Left In: 4986.169+/-0.857 χ^2/NDF:1197602.7/22

Left: 4994.480+/-0.602 χ^2/NDF: 2343385.4/47

Right: 7.598+/-0.011 χ^2/NDF: 5164605.5/6

In: 5027.778+/-0.840 χ^2/NDF:1291431.6/25

Out: 8.363+/-0.011 χ^2/NDF:39218593.9/28

All: 9.178+/-0.011 χ^2/NDF: 76217123.5/54

asym_atr_avg_mean vs Slug, Sign Corrected

Right In: 3974.969+/-1789.441 χ^2/NDF: 15.5/19

Left Out: 1580.515+/-1266.098 χ^2/NDF:25.2/24

Right Out: 3944.444+/-1574.854 χ^2/NDF: 21.9/22

Left In: 2856.480+/-1284.131 χ^2/NDF:18.1/22

Left: 2209.475+/-901.574 χ^2/NDF: 43.8/47

Right: 3957.768+/-1182.216 χ^2/NDF: 37.4/42

In: 3236.679+/-1043.295 χ^2/NDF:33.9/42

Out: 2508.565+/-986.754 χ^2/NDF:48.4/47

All: 2852.359+/-716.896 χ^2/NDF: 82.5/90

asym_atr_avg_rms vs Slug, Sign Corrected

Right In: 4822.107+/-1.265 χ^2/NDF: 976431.4/19

Left Out: 5334.221+/-0.895 χ^2/NDF:865414.3/24

Right Out: 4359.562+/-1.108 χ^2/NDF: 1809078.1/22

Left In: 5303.321+/-0.908 χ^2/NDF:960356.0/22

Left: 5318.989+/-0.638 χ^2/NDF: 1826357.5/47

Right: 4560.352+/-0.834 χ^2/NDF: 2861130.6/42

In: 5139.746+/-0.738 χ^2/NDF:2032257.3/42

Out: 4949.333+/-0.696 χ^2/NDF:3142531.6/47

All: 5039.060+/-0.506 χ^2/NDF: 5210016.2/90

dit_asym_atr_dd_mean vs Slug, Sign Corrected

Right In: -926.736+/-750.968 χ^2/NDF: 16.5/19

Left Out: 605.796+/-469.397 χ^2/NDF:25.2/24

Right Out: 719.265+/-685.139 χ^2/NDF: 16.8/22

Left In: -108.365+/-477.899 χ^2/NDF:25.0/22

Left: 255.125+/-334.879 χ^2/NDF: 51.4/47

Right: -28.444+/-506.142 χ^2/NDF: 36.0/42

In: -344.256+/-403.182 χ^2/NDF:42.3/42

Out: 642.043+/-387.234 χ^2/NDF:42.1/47

All: 168.786+/-279.284 χ^2/NDF: 87.5/90

dit_asym_atr_dd_rms vs Slug, Sign Corrected

Right In: 2041.949+/-0.531 χ^2/NDF: 742340.3/19

Left Out: 2003.987+/-0.332 χ^2/NDF:99981.7/24

Right Out: 1997.261+/-0.484 χ^2/NDF: 322380.3/22

Left In: 2000.119+/-0.338 χ^2/NDF:79688.8/22

Left: 2002.088+/-0.237 χ^2/NDF: 179737.2/47

Right: 2017.542+/-0.358 χ^2/NDF: 1068588.7/42

In: 2012.176+/-0.285 χ^2/NDF:826445.8/42

Out: 2001.836+/-0.274 χ^2/NDF:422493.4/47

All: 2006.796+/-0.197 χ^2/NDF: 1249623.7/90

asym_atr_dd_correction_mean vs Slug, Sign Corrected

Right In: -2712.198+/-5110.637 χ^2/NDF: 0.9/2

Left Out: -871.296+/-1043.390 χ^2/NDF:28.3/24

Right Out: 31.128+/-14.261 χ^2/NDF: 6.8/3

Left In: -10.945+/-1070.258 χ^2/NDF:17.2/22

Left: -452.055+/-747.106 χ^2/NDF: 45.8/47

Right: 31.107+/-14.261 χ^2/NDF: 8.0/6

In: -124.434+/-1047.534 χ^2/NDF:18.3/25

Out: 30.959+/-14.259 χ^2/NDF:35.9/28

All: 30.931+/-14.258 χ^2/NDF: 54.3/54

asym_atr_dd_correction_rms vs Slug, Sign Corrected

Right In: 5145.002+/-3.614 χ^2/NDF: 26713.5/2

Left Out: 4355.202+/-0.738 χ^2/NDF:1350492.3/24

Right Out: 7.124+/-0.010 χ^2/NDF: 3087557.2/3

Left In: 4398.421+/-0.757 χ^2/NDF:1278784.1/22

Left: 4376.262+/-0.528 χ^2/NDF: 2630948.5/47

Right: 7.164+/-0.010 χ^2/NDF: 5135633.2/6

In: 4429.787+/-0.741 χ^2/NDF:1346385.5/25

Out: 7.936+/-0.010 χ^2/NDF:39163684.4/28

All: 8.755+/-0.010 χ^2/NDF: 76140505.3/54

asym_atr_dd_mean vs Slug, Sign Corrected

Right In: -1981.993+/-1716.366 χ^2/NDF: 22.0/19

Left Out: 1306.805+/-1131.617 χ^2/NDF:28.1/24

Right Out: -920.639+/-1504.509 χ^2/NDF: 15.7/22

Left In: -131.428+/-1157.282 χ^2/NDF:14.9/22

Left: 603.813+/-809.096 χ^2/NDF: 43.8/47

Right: -1381.805+/-1131.379 χ^2/NDF: 37.9/42

In: -709.804+/-959.539 χ^2/NDF:37.6/42

Out: 501.983+/-904.359 χ^2/NDF:45.2/47

All: -68.067+/-658.122 χ^2/NDF: 83.7/90

asym_atr_dd_rms vs Slug, Sign Corrected

Right In: 4641.095+/-1.214 χ^2/NDF: 881029.4/19

Left Out: 4763.190+/-0.800 χ^2/NDF:941856.9/24

Right Out: 4175.892+/-1.059 χ^2/NDF: 1817119.6/22

Left In: 4781.172+/-0.818 χ^2/NDF:951542.2/22

Left: 4771.979+/-0.572 χ^2/NDF: 1893645.9/47

Right: 4377.018+/-0.798 χ^2/NDF: 2781552.6/42

In: 4737.392+/-0.678 χ^2/NDF:1841729.4/42

Out: 4549.789+/-0.638 χ^2/NDF:2954718.6/47

All: 4637.892+/-0.465 χ^2/NDF: 4836995.7/90

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected

Right In: 3713.894+/-1671.704 χ^2/NDF: 4.1/2

Left Out: 1435.504+/-358.178 χ^2/NDF:26.7/24

Right Out: -401.423+/-1119.814 χ^2/NDF: 0.4/3

Left In: 2754.889+/-361.672 χ^2/NDF:22.4/22

Left: 2088.793+/-254.496 χ^2/NDF: 55.8/47

Right: 873.232+/-930.366 χ^2/NDF: 8.7/6

In: 2797.770+/-353.493 χ^2/NDF:26.8/25

Out: 1265.016+/-341.152 χ^2/NDF:29.6/28

All: 2004.169+/-245.478 χ^2/NDF: 66.1/54

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected

Right In: 1626.950+/-1.182 χ^2/NDF: 204916.1/2

Left Out: 1519.092+/-0.253 χ^2/NDF:365839.2/24

Right Out: 1476.669+/-0.792 χ^2/NDF: 22063.5/3

Left In: 1508.111+/-0.256 χ^2/NDF:131488.7/22

Left: 1513.655+/-0.180 χ^2/NDF: 498258.6/47

Right: 1523.216+/-0.658 χ^2/NDF: 238136.1/6

In: 1513.425+/-0.250 χ^2/NDF:346059.9/25

Out: 1515.155+/-0.241 χ^2/NDF:390506.6/28

All: 1514.321+/-0.174 χ^2/NDF: 736591.3/54

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected

Right In: 2669.057+/-5154.499 χ^2/NDF: 0.8/2

Left Out: -264.324+/-1151.119 χ^2/NDF:29.7/24

Right Out: -9916.086+/-3354.316 χ^2/NDF: 3.7/3

Left In: -151.239+/-1241.800 χ^2/NDF:14.9/22

Left: -212.060+/-844.204 χ^2/NDF: 44.6/47

Right: -6172.039+/-2811.435 χ^2/NDF: 8.7/6

In: 3.473+/-1207.259 χ^2/NDF:16.0/25

Out: -1281.244+/-1088.790 χ^2/NDF:40.8/28

All: -704.997+/-808.539 χ^2/NDF: 57.4/54

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected

Right In: 5195.814+/-3.645 χ^2/NDF: 22377.0/2

Left Out: 4724.027+/-0.814 χ^2/NDF:2537532.1/24

Right Out: 4129.021+/-2.372 χ^2/NDF: 597568.3/3

Left In: 5115.139+/-0.878 χ^2/NDF:1131347.2/22

Left: 4904.783+/-0.597 χ^2/NDF: 3775584.1/47

Right: 4446.389+/-1.988 χ^2/NDF: 680127.2/6

In: 5119.565+/-0.854 χ^2/NDF:1154187.2/25

Out: 4661.336+/-0.770 χ^2/NDF:3191401.0/28

All: 4866.870+/-0.572 χ^2/NDF: 4504482.1/54

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected

Right In: 213.783+/-5538.861 χ^2/NDF: 1.6/2

Left Out: 1292.246+/-1215.761 χ^2/NDF:27.8/24

Right Out: 14005.219+/-4019.033 χ^2/NDF: 3.4/3

Left In: 3205.363+/-1265.586 χ^2/NDF:13.9/22

Left: 2210.405+/-876.758 χ^2/NDF: 42.9/47

Right: 9248.433+/-3252.913 χ^2/NDF: 9.1/6

In: 3056.927+/-1233.789 χ^2/NDF:15.7/25

Out: 2358.042+/-1163.684 χ^2/NDF:40.4/28

All: 2687.065+/-846.548 χ^2/NDF: 56.3/54

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected

Right In: 5668.922+/-3.917 χ^2/NDF: 4291.4/2

Left Out: 5085.307+/-0.860 χ^2/NDF:1356698.4/24

Right Out: 5046.985+/-2.842 χ^2/NDF: 389722.9/3

Left In: 5217.971+/-0.895 χ^2/NDF:1058996.1/22

Left: 5148.976+/-0.620 χ^2/NDF: 2427123.8/47

Right: 5261.496+/-2.300 χ^2/NDF: 410533.3/6

In: 5240.347+/-0.872 χ^2/NDF:1075886.8/25

Out: 5082.094+/-0.823 χ^2/NDF:1746587.9/28

All: 5156.597+/-0.599 χ^2/NDF: 2839888.0/54

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected

Right In: -1469.041+/-1262.310 χ^2/NDF: 0.7/2

Left Out: -664.362+/-305.119 χ^2/NDF:34.6/24

Right Out: 1210.445+/-1030.037 χ^2/NDF: 0.5/3

Left In: -212.071+/-308.597 χ^2/NDF:36.6/22

Left: -440.780+/-216.971 χ^2/NDF: 72.3/47

Right: 139.443+/-798.060 χ^2/NDF: 3.8/6

In: -282.958+/-299.769 χ^2/NDF:38.3/25

Out: -513.124+/-292.553 χ^2/NDF:38.1/28

All: -400.845+/-209.371 χ^2/NDF: 76.7/54

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected

Right In: 1295.616+/-0.893 χ^2/NDF: 50.2/2

Left Out: 1298.743+/-0.216 χ^2/NDF:310344.8/24

Right Out: 1369.138+/-0.728 χ^2/NDF: 892.6/3

Left In: 1290.644+/-0.218 χ^2/NDF:59427.8/22

Left: 1294.740+/-0.153 χ^2/NDF: 370469.1/47

Right: 1339.751+/-0.564 χ^2/NDF: 5015.7/6

In: 1290.925+/-0.212 χ^2/NDF:59507.2/25

Out: 1304.422+/-0.207 χ^2/NDF:319825.2/28

All: 1297.838+/-0.148 χ^2/NDF: 381409.0/54

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected

Right In: -259.534+/-980.585 χ^2/NDF: 0.5/2

Left Out: -211.646+/-87.670 χ^2/NDF:41.7/24

Right Out: 823.576+/-707.340 χ^2/NDF: 5.2/3

Left In: 117.113+/-88.214 χ^2/NDF:14.3/22

Left: -48.284+/-62.183 χ^2/NDF: 63.0/47

Right: 452.880+/-573.665 χ^2/NDF: 6.5/6

In: 114.090+/-87.859 χ^2/NDF:14.9/25

Out: -195.983+/-87.004 χ^2/NDF:49.0/28

All: -42.464+/-61.821 χ^2/NDF: 70.2/54

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected

Right In: 964.576+/-0.693 χ^2/NDF: 95261.3/2

Left Out: 357.749+/-0.062 χ^2/NDF:3042055.7/24

Right Out: 889.253+/-0.500 χ^2/NDF: 354684.2/3

Left In: 359.000+/-0.062 χ^2/NDF:1858849.9/22

Left: 358.371+/-0.044 χ^2/NDF: 4901108.0/47

Right: 915.033+/-0.406 χ^2/NDF: 457707.3/6

In: 363.862+/-0.062 χ^2/NDF:2710761.6/25

Out: 365.791+/-0.062 χ^2/NDF:4508895.7/28

All: 364.836+/-0.044 χ^2/NDF: 7220144.0/54

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected

Right In: -1363.165+/-1678.424 χ^2/NDF: 0.0/2

Left Out: -413.407+/-320.677 χ^2/NDF:32.8/24

Right Out: 588.489+/-1359.370 χ^2/NDF: 7.9/3

Left In: -337.193+/-323.023 χ^2/NDF:32.8/22

Left: -375.578+/-227.578 χ^2/NDF: 65.6/47

Right: -184.595+/-1056.365 χ^2/NDF: 8.8/6

In: -373.837+/-317.202 χ^2/NDF:33.2/25

Out: -360.591+/-312.110 χ^2/NDF:41.3/28

All: -367.107+/-222.474 χ^2/NDF: 74.4/54

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected

Right In: 1718.548+/-1.187 χ^2/NDF: 7011.7/2

Left Out: 1361.511+/-0.227 χ^2/NDF:507869.8/24

Right Out: 1797.890+/-0.961 χ^2/NDF: 56773.8/3

Left In: 1351.012+/-0.228 χ^2/NDF:68978.1/22

Left: 1356.300+/-0.161 χ^2/NDF: 577911.7/47

Right: 1766.461+/-0.747 χ^2/NDF: 66484.5/6

In: 1364.140+/-0.224 χ^2/NDF:168465.8/25

Out: 1384.515+/-0.221 χ^2/NDF:759881.6/28

All: 1374.492+/-0.157 χ^2/NDF: 932540.2/54

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected

Right In: -353.063+/-524.370 χ^2/NDF: 14.9/19

Left Out: 320.058+/-344.642 χ^2/NDF:32.4/24

Right Out: 230.192+/-485.013 χ^2/NDF: 26.5/22

Left In: -310.833+/-348.292 χ^2/NDF:16.8/22

Left: 7.936+/-244.979 χ^2/NDF: 50.9/47

Right: -38.728+/-356.057 χ^2/NDF: 42.1/42

In: -323.760+/-290.125 χ^2/NDF:31.8/42

Out: 289.906+/-280.938 χ^2/NDF:59.0/47

All: -7.057+/-201.823 χ^2/NDF: 93.1/90

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected

Right In: 1420.932+/-0.371 χ^2/NDF: 728198.7/19

Left Out: 1463.714+/-0.244 χ^2/NDF:310491.4/24

Right Out: 1407.139+/-0.343 χ^2/NDF: 423773.3/22

Left In: 1453.763+/-0.246 χ^2/NDF:99224.2/22

Left: 1458.791+/-0.173 χ^2/NDF: 410540.5/47

Right: 1413.495+/-0.252 χ^2/NDF: 1152718.1/42

In: 1443.712+/-0.205 χ^2/NDF:832863.1/42

Out: 1444.720+/-0.199 χ^2/NDF:752358.1/47

All: 1444.233+/-0.143 χ^2/NDF: 1585233.6/90

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected

Right In: -2211.070+/-4494.893 χ^2/NDF: 0.9/2

Left Out: -160.118+/-989.347 χ^2/NDF:29.7/24

Right Out: 7501.071+/-2882.773 χ^2/NDF: 4.2/3

Left In: 26.926+/-1085.415 χ^2/NDF:15.3/22

Left: -75.238+/-731.183 χ^2/NDF: 45.0/47

Right: 4670.519+/-2426.596 χ^2/NDF: 8.4/6

In: -96.384+/-1055.089 χ^2/NDF:16.4/25

Out: 647.146+/-935.773 χ^2/NDF:40.3/28

All: 319.783+/-700.091 χ^2/NDF: 57.0/54

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected

Right In: 4550.824+/-3.178 χ^2/NDF: 6180.0/2

Left Out: 4026.447+/-0.700 χ^2/NDF:3071265.0/24

Right Out: 3514.030+/-2.038 χ^2/NDF: 639156.6/3

Left In: 4470.490+/-0.768 χ^2/NDF:1132495.2/22

Left: 4227.952+/-0.517 χ^2/NDF: 4386588.9/47

Right: 3816.198+/-1.716 χ^2/NDF: 720733.0/6

In: 4474.916+/-0.746 χ^2/NDF:1139278.9/25

Out: 3972.453+/-0.662 χ^2/NDF:3766954.3/28

All: 4193.679+/-0.495 χ^2/NDF: 5160114.0/54

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected

Right In: -1253.303+/-1430.202 χ^2/NDF: 17.6/19

Left Out: 229.897+/-1073.528 χ^2/NDF:28.1/24

Right Out: -2053.435+/-1281.639 χ^2/NDF: 22.3/22

Left In: -185.280+/-1119.296 χ^2/NDF:14.3/22

Left: 30.970+/-774.774 χ^2/NDF: 42.5/47

Right: -1697.071+/-954.472 χ^2/NDF: 40.1/42

In: -590.957+/-881.449 χ^2/NDF:32.2/42

Out: -711.569+/-822.969 χ^2/NDF:52.3/47

All: -655.396+/-601.539 χ^2/NDF: 84.5/90

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected

Right In: 3921.178+/-1.011 χ^2/NDF: 425126.5/19

Left Out: 4493.314+/-0.759 χ^2/NDF:1309134.5/24

Right Out: 3636.726+/-0.899 χ^2/NDF: 1072309.4/22

Left In: 4619.952+/-0.791 χ^2/NDF:1001966.3/22

Left: 4553.991+/-0.548 χ^2/NDF: 2324435.7/47

Right: 3762.310+/-0.672 χ^2/NDF: 1541623.7/42

In: 4354.523+/-0.623 χ^2/NDF:1723184.4/42

Out: 4136.841+/-0.580 χ^2/NDF:2911353.2/47

All: 4237.869+/-0.425 χ^2/NDF: 4699905.6/90

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected

Right In: -10.612+/-485.293 χ^2/NDF: 22.5/19

Left Out: -270.523+/-302.030 χ^2/NDF:22.2/24

Right Out: -555.618+/-454.514 χ^2/NDF: 21.6/22

Left In: -258.285+/-305.289 χ^2/NDF:16.0/22

Left: -264.470+/-214.711 χ^2/NDF: 38.2/47

Right: -300.945+/-331.738 χ^2/NDF: 44.8/42

In: -188.061+/-258.409 χ^2/NDF:38.7/42

Out: -357.852+/-251.554 χ^2/NDF:44.1/47

All: -275.238+/-180.251 χ^2/NDF: 83.0/90

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected

Right In: 1320.573+/-0.343 χ^2/NDF: 608956.0/19

Left Out: 1285.574+/-0.214 χ^2/NDF:306057.6/24

Right Out: 1324.157+/-0.321 χ^2/NDF: 397237.8/22

Left In: 1276.755+/-0.216 χ^2/NDF:59434.2/22

Left: 1281.212+/-0.152 χ^2/NDF: 366335.3/47

Right: 1322.482+/-0.235 χ^2/NDF: 1006251.9/42

In: 1289.179+/-0.183 χ^2/NDF:680072.1/42

Out: 1297.393+/-0.178 χ^2/NDF:713292.7/47

All: 1293.396+/-0.127 χ^2/NDF: 1394402.4/90

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected

Right In: -207.249+/-1634.562 χ^2/NDF: 0.2/2

Left Out: 605.167+/-153.922 χ^2/NDF:60.0/24

Right Out: 1309.240+/-1336.715 χ^2/NDF: 2.1/3

Left In: -147.044+/-154.051 χ^2/NDF:19.4/22

Left: 229.377+/-108.885 χ^2/NDF: 91.3/47

Right: 701.500+/-1034.763 χ^2/NDF: 2.8/6

In: -147.574+/-153.372 χ^2/NDF:19.6/25

Out: 614.380+/-152.912 χ^2/NDF:62.3/28

All: 234.547+/-108.287 χ^2/NDF: 94.3/54

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected

Right In: 1659.663+/-1.156 χ^2/NDF: 20129.6/2

Left Out: 649.866+/-0.109 χ^2/NDF:840823.5/24

Right Out: 1790.745+/-0.945 χ^2/NDF: 90656.0/3

Left In: 643.008+/-0.109 χ^2/NDF:323844.6/22

Left: 646.440+/-0.077 χ^2/NDF: 1166651.7/47

Right: 1738.213+/-0.732 χ^2/NDF: 118493.2/6

In: 651.959+/-0.108 χ^2/NDF:1110865.1/25

Out: 664.796+/-0.108 χ^2/NDF:2369321.0/28

All: 658.397+/-0.077 χ^2/NDF: 3487212.5/54

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected

Right In: -232.047+/-700.531 χ^2/NDF: 24.5/19

Left Out: -987.247+/-339.757 χ^2/NDF:28.5/24

Right Out: -590.156+/-676.259 χ^2/NDF: 17.1/22

Left In: -137.780+/-342.262 χ^2/NDF:18.8/22

Left: -565.633+/-241.125 χ^2/NDF: 50.4/47

Right: -417.413+/-486.542 χ^2/NDF: 41.8/42

In: -155.946+/-307.521 χ^2/NDF:43.4/42

Out: -907.217+/-303.595 χ^2/NDF:45.9/47

All: -536.407+/-216.049 χ^2/NDF: 92.3/90

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected

Right In: 1913.654+/-0.495 χ^2/NDF: 493156.3/19

Left Out: 1445.418+/-0.240 χ^2/NDF:374859.2/24

Right Out: 1963.205+/-0.478 χ^2/NDF: 565532.2/22

Left In: 1431.663+/-0.242 χ^2/NDF:77792.5/22

Left: 1438.591+/-0.171 χ^2/NDF: 454278.6/47

Right: 1939.303+/-0.344 χ^2/NDF: 1063868.3/42

In: 1524.546+/-0.217 χ^2/NDF:1335292.4/42

Out: 1549.775+/-0.215 χ^2/NDF:1876590.7/47

All: 1537.323+/-0.153 χ^2/NDF: 3218700.2/90

dit_asym_atl1_mean vs Slug, Sign Corrected

Right In: 1499.415+/-948.532 χ^2/NDF: 18.3/19

Left Out: 1057.276+/-566.243 χ^2/NDF:22.7/24

Right Out: 1093.930+/-908.582 χ^2/NDF: 24.0/22

Left In: 1762.122+/-574.660 χ^2/NDF:23.2/22

Left: 1404.499+/-403.337 χ^2/NDF: 46.7/47

Right: 1287.954+/-656.133 χ^2/NDF: 42.3/42

In: 1691.587+/-491.496 χ^2/NDF:41.6/42

Out: 1067.530+/-480.558 χ^2/NDF:46.6/47

All: 1372.537+/-343.607 χ^2/NDF: 89.0/90

dit_asym_atl1_rms vs Slug, Sign Corrected

Right In: 2586.087+/-0.671 χ^2/NDF: 663511.7/19

Left Out: 2418.972+/-0.400 χ^2/NDF:74779.7/24

Right Out: 2673.238+/-0.642 χ^2/NDF: 626920.5/22

Left In: 2406.443+/-0.406 χ^2/NDF:15245.2/22

Left: 2412.800+/-0.285 χ^2/NDF: 90507.2/47

Right: 2631.536+/-0.464 χ^2/NDF: 1299237.1/42

In: 2454.676+/-0.348 χ^2/NDF:731233.6/42

Out: 2490.102+/-0.340 χ^2/NDF:814514.0/47

All: 2472.788+/-0.243 χ^2/NDF: 1551059.6/90

asym_atl1_correction_mean vs Slug, Sign Corrected

Right In: 242.370+/-633.129 χ^2/NDF: 0.4/2

Left Out: 243.135+/-163.940 χ^2/NDF:36.0/24

Right Out: -95.945+/-560.456 χ^2/NDF: 6.7/3

Left In: 62.569+/-164.169 χ^2/NDF:24.3/22

Left: 152.978+/-116.004 χ^2/NDF: 60.9/47

Right: 52.690+/-419.654 χ^2/NDF: 7.2/6

In: 73.897+/-158.913 χ^2/NDF:24.7/25

Out: 216.409+/-157.347 χ^2/NDF:43.0/28

All: 145.859+/-111.811 χ^2/NDF: 68.1/54

asym_atl1_correction_rms vs Slug, Sign Corrected

Right In: 574.176+/-0.448 χ^2/NDF: 258468.3/2

Left Out: 666.133+/-0.116 χ^2/NDF:3190574.7/24

Right Out: 688.091+/-0.396 χ^2/NDF: 545901.0/3

Left In: 645.011+/-0.116 χ^2/NDF:4176295.6/22

Left: 655.587+/-0.082 χ^2/NDF: 7383446.0/47

Right: 638.044+/-0.297 χ^2/NDF: 840669.6/6

In: 640.549+/-0.112 χ^2/NDF:4458221.6/25

Out: 667.864+/-0.111 χ^2/NDF:3739303.8/28

All: 654.342+/-0.079 χ^2/NDF: 8227362.5/54

asym_atl1_mean vs Slug, Sign Corrected

Right In: 1362.920+/-1043.636 χ^2/NDF: 18.7/19

Left Out: 566.778+/-598.308 χ^2/NDF:25.2/24

Right Out: 1048.235+/-1018.056 χ^2/NDF: 26.5/22

Left In: 1713.317+/-607.775 χ^2/NDF:18.1/22

Left: 1131.048+/-426.375 χ^2/NDF: 45.0/47

Right: 1201.674+/-728.750 χ^2/NDF: 45.2/42

In: 1624.577+/-525.205 χ^2/NDF:36.8/42

Out: 690.377+/-515.823 χ^2/NDF:51.8/47

All: 1149.059+/-368.014 χ^2/NDF: 90.3/90

asym_atl1_rms vs Slug, Sign Corrected

Right In: 2842.355+/-0.738 χ^2/NDF: 680919.3/19

Left Out: 2553.097+/-0.423 χ^2/NDF:148430.5/24

Right Out: 2949.155+/-0.720 χ^2/NDF: 1069124.1/22

Left In: 2541.950+/-0.430 χ^2/NDF:97238.4/22

Left: 2547.611+/-0.301 χ^2/NDF: 246010.6/47

Right: 2897.080+/-0.515 χ^2/NDF: 1760775.7/42

In: 2618.029+/-0.371 χ^2/NDF:901899.9/42

Out: 2654.773+/-0.365 χ^2/NDF:1442542.1/47

All: 2636.732+/-0.260 χ^2/NDF: 2349424.7/90

dit_asym_atl2_mean vs Slug, Sign Corrected

Right In: 1914.184+/-850.368 χ^2/NDF: 12.2/19

Left Out: 807.297+/-677.513 χ^2/NDF:39.1/24

Right Out: 1672.747+/-781.629 χ^2/NDF: 23.2/22

Left In: 2595.551+/-683.824 χ^2/NDF:14.0/22

Left: 1693.134+/-481.290 χ^2/NDF: 56.6/47

Right: 1783.315+/-575.464 χ^2/NDF: 35.4/42

In: 2327.972+/-532.896 χ^2/NDF:26.6/42

Out: 1178.582+/-511.957 χ^2/NDF:63.0/47

All: 1730.251+/-369.189 χ^2/NDF: 92.0/90

dit_asym_atl2_rms vs Slug, Sign Corrected

Right In: 2274.590+/-0.601 χ^2/NDF: 1151452.5/19

Left Out: 2849.256+/-0.479 χ^2/NDF:1034478.3/24

Right Out: 2270.237+/-0.552 χ^2/NDF: 790728.9/22

Left In: 2844.779+/-0.484 χ^2/NDF:383776.8/22

Left: 2847.038+/-0.340 χ^2/NDF: 1418298.4/47

Right: 2272.229+/-0.407 χ^2/NDF: 1942209.8/42

In: 2620.860+/-0.377 χ^2/NDF:2081302.7/42

Out: 2600.679+/-0.362 χ^2/NDF:2452323.3/47

All: 2610.362+/-0.261 χ^2/NDF: 4535118.0/90

asym_atl2_correction_mean vs Slug, Sign Corrected

Right In: 4032.895+/-8494.681 χ^2/NDF: 0.8/2

Left Out: -1810.593+/-1078.173 χ^2/NDF:31.2/24

Right Out: -23118.083+/-7484.764 χ^2/NDF: 3.7/3

Left In: -339.260+/-2365.986 χ^2/NDF:14.2/22

Left: -1557.594+/-981.106 χ^2/NDF: 45.7/47

Right: -11251.737+/-5615.816 χ^2/NDF: 10.3/6

In: -24.501+/-2279.230 χ^2/NDF:15.2/25

Out: -2243.738+/-1067.158 χ^2/NDF:42.9/28

All: -1844.711+/-966.468 χ^2/NDF: 58.9/54

asym_atl2_correction_rms vs Slug, Sign Corrected

Right In: 8577.295+/-6.007 χ^2/NDF: 8836.4/2

Left Out: 2786.461+/-0.762 χ^2/NDF:22863045.3/24

Right Out: 9978.253+/-5.293 χ^2/NDF: 97951.8/3

Left In: 9727.255+/-1.673 χ^2/NDF:1261406.7/22

Left: 3979.946+/-0.694 χ^2/NDF: 38376569.5/47

Right: 9365.964+/-3.971 χ^2/NDF: 137411.7/6

In: 9644.468+/-1.612 χ^2/NDF:1304256.7/25

Out: 2932.658+/-0.755 χ^2/NDF:24769955.3/28

All: 4139.467+/-0.683 χ^2/NDF: 40299164.0/5

asym_atl2_mean vs Slug, Sign Corrected

Right In: 3717.751+/-2413.409 χ^2/NDF: 16.1/19

Left Out: 2192.629+/-2346.604 χ^2/NDF:31.2/24

Right Out: 4381.223+/-2307.527 χ^2/NDF: 31.2/22

Left In: 3362.489+/-2413.842 χ^2/NDF:12.8/22

Left: 2761.039+/-1682.568 χ^2/NDF: 44.1/47

Right: 4064.360+/-1667.844 χ^2/NDF: 47.4/42

In: 3540.152+/-1706.691 χ^2/NDF:29.0/42

Out: 3305.301+/-1645.310 χ^2/NDF:62.8/47

All: 3418.427+/-1184.515 χ^2/NDF: 91.8/90

asym_atl2_rms vs Slug, Sign Corrected

Right In: 6532.912+/-1.707 χ^2/NDF: 774726.0/19

Left Out: 9841.227+/-1.659 χ^2/NDF:1184767.7/24

Right Out: 6619.488+/-1.632 χ^2/NDF: 1120833.9/22

Left In: 9928.662+/-1.707 χ^2/NDF:1220804.9/22

Left: 9883.710+/-1.190 χ^2/NDF: 2406921.7/47

Right: 6578.143+/-1.179 χ^2/NDF: 1896904.5/42

In: 8230.475+/-1.207 χ^2/NDF:3974930.3/42

Out: 8203.241+/-1.163 χ^2/NDF:4222285.8/47

All: 8216.360+/-0.838 χ^2/NDF: 8197480.0/90

dit_asym_atr1_mean vs Slug, Sign Corrected

Right In: 2485.491+/-1047.030 χ^2/NDF: 17.1/19

Left Out: 2712.564+/-648.832 χ^2/NDF:34.7/24

Right Out: 1581.514+/-884.986 χ^2/NDF: 16.4/22

Left In: 2697.794+/-662.544 χ^2/NDF:36.1/22

Left: 2705.333+/-463.565 χ^2/NDF: 70.8/47

Right: 1958.213+/-675.892 χ^2/NDF: 33.9/42

In: 2637.091+/-559.869 χ^2/NDF:53.2/42

Out: 2317.148+/-523.266 χ^2/NDF:52.1/47

All: 2466.320+/-382.290 χ^2/NDF: 105.5/90

dit_asym_atr1_rms vs Slug, Sign Corrected

Right In: 2858.714+/-0.740 χ^2/NDF: 671330.6/19

Left Out: 2777.450+/-0.459 χ^2/NDF:5253.1/24

Right Out: 2469.156+/-0.626 χ^2/NDF: 1979227.4/22

Left In: 2777.355+/-0.468 χ^2/NDF:5488.7/22

Left: 2777.404+/-0.328 χ^2/NDF: 10741.8/47

Right: 2631.490+/-0.478 χ^2/NDF: 2812045.0/42

In: 2800.618+/-0.396 χ^2/NDF:685442.4/42

Out: 2669.671+/-0.370 χ^2/NDF:2142339.1/47

All: 2730.724+/-0.270 χ^2/NDF: 2886178.7/90

asym_atr1_correction_mean vs Slug, Sign Corrected

Right In: 785.114+/-1561.829 χ^2/NDF: 0.2/2

Left Out: -661.759+/-190.222 χ^2/NDF:48.7/24

Right Out: -0.268+/-4.105 χ^2/NDF: 6.2/3

Left In: 35.366+/-190.553 χ^2/NDF:15.1/22

Left: -313.803+/-134.624 χ^2/NDF: 70.5/47

Right: -0.263+/-4.105 χ^2/NDF: 6.6/6

In: 46.362+/-189.151 χ^2/NDF:15.5/25

Out: -0.576+/-4.104 χ^2/NDF:67.0/28

All: -0.554+/-4.103 χ^2/NDF: 82.5/54

asym_atr1_correction_rms vs Slug, Sign Corrected

Right In: 1543.114+/-1.104 χ^2/NDF: 85771.5/2

Left Out: 796.994+/-0.135 χ^2/NDF:1174879.0/24

Right Out: 2.053+/-0.003 χ^2/NDF: 2915658.8/3

Left In: 785.928+/-0.135 χ^2/NDF:1126027.7/22

Left: 791.470+/-0.095 χ^2/NDF: 2304284.9/47

Right: 2.063+/-0.003 χ^2/NDF: 4948581.7/6

In: 797.034+/-0.134 χ^2/NDF:1674980.6/25

Out: 2.423+/-0.003 χ^2/NDF:39002602.2/28

All: 2.797+/-0.003 χ^2/NDF: 75956804.9/54

asym_atr1_mean vs Slug, Sign Corrected

Right In: 2618.888+/-1087.285 χ^2/NDF: 17.8/19

Left Out: 3139.358+/-680.222 χ^2/NDF:38.3/24

Right Out: 1656.513+/-918.918 χ^2/NDF: 17.1/22

Left In: 2659.828+/-693.121 χ^2/NDF:36.9/22

Left: 2904.096+/-485.486 χ^2/NDF: 75.4/47

Right: 2057.500+/-701.837 χ^2/NDF: 35.3/42

In: 2647.998+/-584.464 χ^2/NDF:54.7/42

Out: 2614.449+/-546.728 χ^2/NDF:57.0/47

All: 2630.106+/-399.270 χ^2/NDF: 111.7/90

asym_atr1_rms vs Slug, Sign Corrected

Right In: 2965.802+/-0.769 χ^2/NDF: 692750.9/19

Left Out: 2910.362+/-0.481 χ^2/NDF:36080.5/24

Right Out: 2536.982+/-0.650 χ^2/NDF: 2093770.1/22

Left In: 2904.499+/-0.490 χ^2/NDF:30423.1/22

Left: 2907.485+/-0.343 χ^2/NDF: 66576.4/47

Right: 2715.656+/-0.496 χ^2/NDF: 2967993.8/42

In: 2922.213+/-0.413 χ^2/NDF:727694.6/42

Out: 2778.190+/-0.387 χ^2/NDF:2343163.9/47

All: 2845.402+/-0.282 χ^2/NDF: 3135627.6/90

dit_asym_atr2_mean vs Slug, Sign Corrected

Right In: 3714.309+/-1043.629 χ^2/NDF: 11.3/19

Left Out: 1386.275+/-684.647 χ^2/NDF:18.0/24

Right Out: 1282.840+/-958.231 χ^2/NDF: 26.7/22

Left In: 3106.878+/-695.685 χ^2/NDF:18.4/22

Left: 2232.819+/-487.974 χ^2/NDF: 39.5/47

Right: 2395.038+/-705.835 χ^2/NDF: 40.9/42

In: 3293.755+/-578.862 χ^2/NDF:29.9/42

Out: 1351.318+/-557.066 χ^2/NDF:44.7/47

All: 2285.279+/-401.390 χ^2/NDF: 80.4/90

dit_asym_atr2_rms vs Slug, Sign Corrected

Right In: 2836.910+/-0.738 χ^2/NDF: 750154.2/19

Left Out: 2912.211+/-0.484 χ^2/NDF:290908.5/24

Right Out: 2764.201+/-0.677 χ^2/NDF: 854917.2/22

Left In: 2904.472+/-0.492 χ^2/NDF:217578.9/22

Left: 2908.403+/-0.345 χ^2/NDF: 508613.1/47

Right: 2797.450+/-0.499 χ^2/NDF: 1610340.0/42

In: 2883.686+/-0.409 χ^2/NDF:973536.2/42

Out: 2862.170+/-0.394 χ^2/NDF:1177427.1/47

All: 2872.515+/-0.284 χ^2/NDF: 2152398.1/90

asym_atr2_correction_mean vs Slug, Sign Corrected

Right In: 6142.788+/-11053.139 χ^2/NDF: 0.9/2

Left Out: 916.096+/-2238.762 χ^2/NDF:28.7/24

Right Out: -62.851+/-29.129 χ^2/NDF: 7.9/3

Left In: -25.729+/-2280.428 χ^2/NDF:16.1/22

Left: 453.866+/-1597.571 χ^2/NDF: 44.9/47

Right: -62.808+/-29.129 χ^2/NDF: 9.1/6

In: 226.119+/-2233.390 χ^2/NDF:17.3/25

Out: -62.685+/-29.127 χ^2/NDF:36.8/28

All: -62.636+/-29.124 χ^2/NDF: 54.1/54

asym_atr2_correction_rms vs Slug, Sign Corrected

Right In: 11134.757+/-7.816 χ^2/NDF: 28784.4/2

Left Out: 9369.034+/-1.583 χ^2/NDF:1183012.4/24

Right Out: 14.545+/-0.021 χ^2/NDF: 3094655.2/3

Left In: 9382.727+/-1.613 χ^2/NDF:1205648.8/22

Left: 9375.755+/-1.130 χ^2/NDF: 2388697.9/47

Right: 14.622+/-0.021 χ^2/NDF: 5147772.0/6

In: 9454.259+/-1.579 χ^2/NDF:1282632.2/25

Out: 16.129+/-0.021 χ^2/NDF:39190143.8/28

All: 17.734+/-0.021 χ^2/NDF: 76183527.8/54

asym_atr2_mean vs Slug, Sign Corrected

Right In: 6093.022+/-3260.505 χ^2/NDF: 16.5/19

Left Out: 43.265+/-2290.867 χ^2/NDF:25.9/24

Right Out: 5079.027+/-2883.831 χ^2/NDF: 19.2/22

Left In: 2925.533+/-2330.587 χ^2/NDF:14.6/22

Left: 1459.628+/-1633.750 χ^2/NDF: 41.2/47

Right: 5524.095+/-2160.131 χ^2/NDF: 35.8/42

In: 3996.637+/-1896.021 χ^2/NDF:31.8/42

Out: 1991.581+/-1793.771 χ^2/NDF:47.0/47

All: 2938.588+/-1303.036 χ^2/NDF: 79.3/90

asym_atr2_rms vs Slug, Sign Corrected

Right In: 8791.293+/-2.306 χ^2/NDF: 951990.7/19

Left Out: 9627.824+/-1.620 χ^2/NDF:1004641.7/24

Right Out: 8018.019+/-2.039 χ^2/NDF: 1914137.2/22

Left In: 9607.553+/-1.648 χ^2/NDF:1085465.7/22

Left: 9617.863+/-1.155 χ^2/NDF: 2090184.3/47

Right: 8357.414+/-1.527 χ^2/NDF: 2929247.3/42

In: 9331.530+/-1.341 χ^2/NDF:2120417.2/42

Out: 9004.967+/-1.268 χ^2/NDF:3300892.3/47

All: 9159.203+/-0.921 χ^2/NDF: 5452618.2/90

dit_asym_sam1_mean vs Slug, Sign Corrected

Right In: 18.466+/-31.425 χ^2/NDF: 15.4/19

Left Out: -158.948+/-19.453 χ^2/NDF:25.8/24

Right Out: 17.909+/-31.641 χ^2/NDF: 22.4/22

Left In: -131.879+/-20.076 χ^2/NDF:17.8/22

Left: -145.840+/-13.970 χ^2/NDF: 44.5/47

Right: 18.189+/-22.297 χ^2/NDF: 37.8/42

In: -88.303+/-16.918 χ^2/NDF:49.5/42

Out: -110.436+/-16.572 χ^2/NDF:70.8/47

All: -99.598+/-11.839 χ^2/NDF: 121.2/90

dit_asym_sam1_rms vs Slug, Sign Corrected

Right In: 84.543+/-0.022 χ^2/NDF: 1085496.6/19

Left Out: 83.126+/-0.014 χ^2/NDF:138741.0/24

Right Out: 88.613+/-0.022 χ^2/NDF: 2155934.3/22

Left In: 84.108+/-0.014 χ^2/NDF:96934.3/22

Left: 83.602+/-0.010 χ^2/NDF: 238144.0/47

Right: 86.564+/-0.016 χ^2/NDF: 3258091.2/42

In: 84.234+/-0.012 χ^2/NDF:1182702.0/42

Out: 84.631+/-0.012 χ^2/NDF:2338313.3/47

All: 84.437+/-0.008 χ^2/NDF: 3521577.3/90

asym_sam1_correction_mean vs Slug, Sign Corrected

Right In: 234.725+/-504.342 χ^2/NDF: 0.4/2

Left Out: -6.627+/-81.138 χ^2/NDF:24.4/24

Right Out: 415.459+/-486.813 χ^2/NDF: 5.1/3

Left In: -59.971+/-82.046 χ^2/NDF:38.0/22

Left: -33.002+/-57.692 χ^2/NDF: 62.6/47

Right: 328.287+/-350.262 χ^2/NDF: 5.5/6

In: -52.373+/-80.982 χ^2/NDF:38.7/25

Out: 4.781+/-80.034 χ^2/NDF:30.2/28

All: -23.460+/-56.925 χ^2/NDF: 69.1/54

asym_sam1_correction_rms vs Slug, Sign Corrected

Right In: 483.291+/-0.357 χ^2/NDF: 206927.8/2

Left Out: 343.620+/-0.057 χ^2/NDF:571090.7/24

Right Out: 587.118+/-0.344 χ^2/NDF: 679174.2/3

Left In: 339.804+/-0.058 χ^2/NDF:799750.5/22

Left: 341.733+/-0.041 χ^2/NDF: 1373028.9/47

Right: 537.040+/-0.248 χ^2/NDF: 929981.7/6

In: 343.503+/-0.057 χ^2/NDF:1164388.3/25

Out: 350.201+/-0.057 χ^2/NDF:1737115.2/28

All: 346.892+/-0.040 χ^2/NDF: 2908425.5/54

asym_sam1_mean vs Slug, Sign Corrected

Right In: 97.911+/-168.581 χ^2/NDF: 14.0/19

Left Out: -148.809+/-81.017 χ^2/NDF:22.0/24

Right Out: 152.841+/-171.771 χ^2/NDF: 27.8/22

Left In: -56.402+/-82.155 χ^2/NDF:39.7/22

Left: -103.250+/-57.686 χ^2/NDF: 62.3/47

Right: 124.861+/-120.317 χ^2/NDF: 41.9/42

In: -26.787+/-73.852 χ^2/NDF:54.4/42

Out: -93.916+/-73.275 χ^2/NDF:52.4/47

All: -60.615+/-52.016 χ^2/NDF: 107.1/90

asym_sam1_rms vs Slug, Sign Corrected

Right In: 434.079+/-0.119 χ^2/NDF: 2249157.1/19

Left Out: 343.762+/-0.057 χ^2/NDF:539246.3/24

Right Out: 468.614+/-0.121 χ^2/NDF: 2862220.2/22

Left In: 340.519+/-0.058 χ^2/NDF:737049.6/22

Left: 342.163+/-0.041 χ^2/NDF: 1277875.5/47

Right: 451.023+/-0.085 χ^2/NDF: 5152557.1/42

In: 358.475+/-0.052 χ^2/NDF:3484003.9/42

Out: 366.482+/-0.052 χ^2/NDF:4265813.4/47

All: 362.510+/-0.037 χ^2/NDF: 7761664.9/90

dit_asym_sam2_mean vs Slug, Sign Corrected

Right In: 354.820+/-132.304 χ^2/NDF: 10.7/19

Left Out: -244.459+/-70.636 χ^2/NDF:28.9/24

Right Out: 43.660+/-130.022 χ^2/NDF: 18.0/22

Left In: -152.030+/-72.312 χ^2/NDF:18.2/22

Left: -199.328+/-50.529 χ^2/NDF: 47.9/47

Right: 196.533+/-92.736 χ^2/NDF: 31.4/42

In: -35.448+/-63.453 χ^2/NDF:40.1/42

Out: -178.803+/-62.068 χ^2/NDF:50.6/47

All: -108.706+/-44.370 χ^2/NDF: 93.4/90

dit_asym_sam2_rms vs Slug, Sign Corrected

Right In: 361.288+/-0.094 χ^2/NDF: 641915.3/19

Left Out: 300.961+/-0.050 χ^2/NDF:322200.5/24

Right Out: 376.236+/-0.092 χ^2/NDF: 1064726.1/22

Left In: 302.180+/-0.051 χ^2/NDF:247468.9/22

Left: 301.556+/-0.036 χ^2/NDF: 569960.3/47

Right: 368.892+/-0.066 χ^2/NDF: 1719627.5/42

In: 315.775+/-0.045 χ^2/NDF:1196757.8/42

Out: 318.114+/-0.044 χ^2/NDF:1904516.2/47

All: 316.971+/-0.031 χ^2/NDF: 3102662.6/90

asym_sam2_correction_mean vs Slug, Sign Corrected

Right In: 552.099+/-5406.871 χ^2/NDF: 0.5/2

Left Out: -1146.466+/-479.950 χ^2/NDF:41.3/24

Right Out: 4573.489+/-4812.949 χ^2/NDF: 6.7/3

Left In: -298.915+/-491.476 χ^2/NDF:35.0/22

Left: -732.745+/-343.379 χ^2/NDF: 77.8/47

Right: 2795.710+/-3594.984 χ^2/NDF: 7.5/6

In: -291.941+/-489.458 χ^2/NDF:35.5/25

Out: -1090.146+/-477.582 χ^2/NDF:49.4/28

All: -700.845+/-341.823 χ^2/NDF: 86.2/54

asym_sam2_correction_rms vs Slug, Sign Corrected

Right In: 5503.834+/-3.823 χ^2/NDF: 15351.5/2

Left Out: 2030.179+/-0.339 χ^2/NDF:702523.9/24

Right Out: 6324.592+/-3.403 χ^2/NDF: 245962.0/3

Left In: 2044.056+/-0.348 χ^2/NDF:570535.5/22

Left: 2036.953+/-0.243 χ^2/NDF: 1273875.5/47

Right: 5961.750+/-2.542 χ^2/NDF: 287025.7/6

In: 2072.408+/-0.346 χ^2/NDF:1398082.7/25

Out: 2072.463+/-0.338 χ^2/NDF:2525071.5/28

All: 2072.436+/-0.242 χ^2/NDF: 3923154.2/54

asym_sam2_mean vs Slug, Sign Corrected

Right In: 2756.592+/-1392.778 χ^2/NDF: 18.2/19

Left Out: 942.775+/-474.439 χ^2/NDF:38.3/24

Right Out: -773.796+/-1436.770 χ^2/NDF: 22.7/22

Left In: 180.087+/-486.112 χ^2/NDF:32.9/22

Left: 570.698+/-339.531 χ^2/NDF: 72.5/47

Right: 1046.273+/-1000.034 χ^2/NDF: 44.0/42

In: 459.868+/-458.960 χ^2/NDF:54.2/42

Out: 774.003+/-450.512 χ^2/NDF:62.3/47

All: 619.853+/-321.505 χ^2/NDF: 116.7/90

asym_sam2_rms vs Slug, Sign Corrected

Right In: 3702.565+/-0.985 χ^2/NDF: 1350419.8/19

Left Out: 2008.897+/-0.335 χ^2/NDF:709254.4/24

Right Out: 4092.473+/-1.016 χ^2/NDF: 1687802.7/22

Left In: 2020.887+/-0.344 χ^2/NDF:576363.5/22

Left: 2014.747+/-0.240 χ^2/NDF: 1286241.1/47

Right: 3891.458+/-0.707 χ^2/NDF: 3114158.2/42

In: 2203.499+/-0.325 χ^2/NDF:4525920.5/42

Out: 2213.753+/-0.319 χ^2/NDF:6189568.5/47

All: 2208.721+/-0.227 χ^2/NDF: 10715997.5/9

dit_asym_sam3_mean vs Slug, Sign Corrected

Right In: 81.759+/-51.337 χ^2/NDF: 12.7/19

Left Out: 41.847+/-23.035 χ^2/NDF:39.1/24

Right Out: 56.698+/-52.144 χ^2/NDF: 17.9/22

Left In: 82.630+/-24.154 χ^2/NDF:28.6/22

Left: 61.273+/-16.670 χ^2/NDF: 69.2/47

Right: 69.424+/-36.583 χ^2/NDF: 30.7/42

In: 82.472+/-21.855 χ^2/NDF:41.3/42

Out: 44.272+/-21.071 χ^2/NDF:57.1/47

All: 62.674+/-15.169 χ^2/NDF: 99.9/90

dit_asym_sam3_rms vs Slug, Sign Corrected

Right In: 131.274+/-0.036 χ^2/NDF: 2153638.2/19

Left Out: 94.886+/-0.016 χ^2/NDF:1796861.0/24

Right Out: 139.377+/-0.037 χ^2/NDF: 2897627.8/22

Left In: 97.499+/-0.017 χ^2/NDF:1561333.1/22

Left: 96.131+/-0.012 χ^2/NDF: 3370445.2/47

Right: 135.262+/-0.026 χ^2/NDF: 5075790.1/42

In: 103.620+/-0.015 χ^2/NDF:4423785.1/42

Out: 102.151+/-0.015 χ^2/NDF:5912723.1/47

All: 102.859+/-0.011 χ^2/NDF: 10341191.4/90

asym_sam3_correction_mean vs Slug, Sign Corrected

Right In: -65.256+/-2928.561 χ^2/NDF: 0.3/2

Left Out: -832.580+/-183.960 χ^2/NDF:68.8/24

Right Out: 326.943+/-2421.049 χ^2/NDF: 5.1/3

Left In: 53.006+/-184.870 χ^2/NDF:25.3/22

Left: -391.972+/-130.400 χ^2/NDF: 105.7/47

Right: 167.719+/-1865.972 χ^2/NDF: 5.3/6

In: 52.537+/-184.503 χ^2/NDF:25.6/25

Out: -825.924+/-183.431 χ^2/NDF:74.1/28

All: -389.252+/-130.083 χ^2/NDF: 111.1/54

asym_sam3_correction_rms vs Slug, Sign Corrected

Right In: 2973.664+/-2.071 χ^2/NDF: 19813.0/2

Left Out: 758.608+/-0.130 χ^2/NDF:2453711.9/24

Right Out: 3280.973+/-1.712 χ^2/NDF: 33111.0/3

Left In: 749.995+/-0.131 χ^2/NDF:2186634.5/22

Left: 754.323+/-0.092 χ^2/NDF: 4642527.3/47

Right: 3156.213+/-1.319 χ^2/NDF: 66006.0/6

In: 758.821+/-0.130 χ^2/NDF:3354956.3/25

Out: 773.087+/-0.130 χ^2/NDF:4645256.8/28

All: 765.996+/-0.092 χ^2/NDF: 8006226.1/54

asym_sam3_mean vs Slug, Sign Corrected

Right In: 638.259+/-605.515 χ^2/NDF: 26.1/19

Left Out: 911.919+/-186.104 χ^2/NDF:64.9/24

Right Out: -1051.340+/-584.167 χ^2/NDF: 16.0/22

Left In: 2.470+/-187.271 χ^2/NDF:25.6/22

Left: 460.036+/-132.006 χ^2/NDF: 102.4/47

Right: -236.850+/-420.413 χ^2/NDF: 46.1/42

In: 57.975+/-178.910 χ^2/NDF:52.7/42

Out: 731.021+/-177.323 χ^2/NDF:91.1/47

All: 397.496+/-125.944 χ^2/NDF: 151.0/90

asym_sam3_rms vs Slug, Sign Corrected

Right In: 1625.999+/-0.428 χ^2/NDF: 960299.7/19

Left Out: 769.207+/-0.132 χ^2/NDF:2275390.6/24

Right Out: 1671.237+/-0.413 χ^2/NDF: 1385764.6/22

Left In: 759.935+/-0.132 χ^2/NDF:2014703.5/22

Left: 764.600+/-0.093 χ^2/NDF: 4292560.8/47

Right: 1649.429+/-0.297 χ^2/NDF: 2351846.2/42

In: 835.543+/-0.127 χ^2/NDF:6709289.3/42

Out: 852.322+/-0.125 χ^2/NDF:7990441.2/47

All: 844.007+/-0.089 χ^2/NDF: 14708604.3/90

dit_asym_sam4_mean vs Slug, Sign Corrected

Right In: 58.495+/-101.858 χ^2/NDF: 17.2/19

Left Out: 290.293+/-72.910 χ^2/NDF:22.3/24

Right Out: 262.294+/-94.938 χ^2/NDF: 14.8/22

Left In: 350.522+/-75.911 χ^2/NDF:27.4/22

Left: 319.194+/-52.584 χ^2/NDF: 50.1/47

Right: 167.551+/-69.449 χ^2/NDF: 34.1/42

In: 246.243+/-60.867 χ^2/NDF:49.8/42

Out: 279.906+/-57.825 χ^2/NDF:37.2/47

All: 263.937+/-41.923 χ^2/NDF: 87.2/90

dit_asym_sam4_rms vs Slug, Sign Corrected

Right In: 275.731+/-0.072 χ^2/NDF: 798796.9/19

Left Out: 302.040+/-0.052 χ^2/NDF:1597233.8/24

Right Out: 269.305+/-0.067 χ^2/NDF: 1572258.5/22

Left In: 309.609+/-0.054 χ^2/NDF:1180280.8/22

Left: 305.672+/-0.037 χ^2/NDF: 2787857.1/47

Right: 272.292+/-0.049 χ^2/NDF: 2375314.2/42

In: 297.512+/-0.043 χ^2/NDF:2121327.0/42

Out: 289.896+/-0.041 χ^2/NDF:3319060.9/47

All: 293.509+/-0.030 χ^2/NDF: 5456844.0/90

asym_sam4_correction_mean vs Slug, Sign Corrected

Right In: 600.209+/-4905.858 χ^2/NDF: 0.1/2

Left Out: -2325.488+/-486.043 χ^2/NDF:49.8/24

Right Out: 2611.296+/-4292.868 χ^2/NDF: 5.5/3

Left In: 477.779+/-494.228 χ^2/NDF:23.1/22

Left: -947.260+/-346.542 χ^2/NDF: 89.2/47

Right: 1739.176+/-3230.633 χ^2/NDF: 5.7/6

In: 479.009+/-491.739 χ^2/NDF:23.1/25

Out: -2263.004+/-482.957 χ^2/NDF:56.7/28

All: -916.700+/-344.565 χ^2/NDF: 95.6/54

asym_sam4_correction_rms vs Slug, Sign Corrected

Right In: 4968.727+/-3.469 χ^2/NDF: 31255.8/2

Left Out: 2052.401+/-0.344 χ^2/NDF:838023.2/24

Right Out: 5488.494+/-3.036 χ^2/NDF: 392884.9/3

Left In: 2052.384+/-0.349 χ^2/NDF:653872.2/22

Left: 2052.392+/-0.245 χ^2/NDF: 1491895.3/47

Right: 5263.094+/-2.284 χ^2/NDF: 436855.1/6

In: 2081.685+/-0.348 χ^2/NDF:1384796.1/25

Out: 2095.890+/-0.342 χ^2/NDF:2496031.7/28

All: 2088.915+/-0.244 χ^2/NDF: 3881677.4/54

asym_sam4_mean vs Slug, Sign Corrected

Right In: 329.095+/-973.078 χ^2/NDF: 24.3/19

Left Out: 2667.050+/-480.963 χ^2/NDF:50.0/24

Right Out: -1596.290+/-903.140 χ^2/NDF: 16.0/22

Left In: -132.307+/-489.752 χ^2/NDF:24.7/22

Left: 1292.715+/-343.157 χ^2/NDF: 91.3/47

Right: -705.269+/-661.962 χ^2/NDF: 42.4/42

In: -39.051+/-437.468 χ^2/NDF:49.3/42

Out: 1725.091+/-424.518 χ^2/NDF:83.3/47

All: 869.518+/-304.655 χ^2/NDF: 140.9/90

asym_sam4_rms vs Slug, Sign Corrected

Right In: 2572.330+/-0.688 χ^2/NDF: 1443486.4/19

Left Out: 2032.502+/-0.340 χ^2/NDF:824418.6/24

Right Out: 2502.241+/-0.639 χ^2/NDF: 2413404.7/22

Left In: 2031.692+/-0.346 χ^2/NDF:653382.0/22

Left: 2032.104+/-0.243 χ^2/NDF: 1477803.4/47

Right: 2534.676+/-0.468 χ^2/NDF: 3862465.3/42

In: 2140.963+/-0.309 χ^2/NDF:2589460.2/42

Out: 2136.288+/-0.300 χ^2/NDF:3659328.0/47

All: 2138.555+/-0.215 χ^2/NDF: 6248905.8/90

dit_asym_sam5_mean vs Slug, Sign Corrected

Right In: 17.872+/-44.598 χ^2/NDF: 12.7/19

Left Out: 182.238+/-40.102 χ^2/NDF:26.9/24

Right Out: 99.500+/-40.837 χ^2/NDF: 17.0/22

Left In: 193.004+/-41.384 χ^2/NDF:21.1/22

Left: 187.451+/-28.799 χ^2/NDF: 48.0/47

Right: 62.272+/-30.118 χ^2/NDF: 31.6/42

In: 111.973+/-30.336 χ^2/NDF:42.1/42

Out: 141.620+/-28.613 χ^2/NDF:46.0/47

All: 127.663+/-20.815 χ^2/NDF: 88.6/90

dit_asym_sam5_rms vs Slug, Sign Corrected

Right In: 117.782+/-0.032 χ^2/NDF: 1601643.3/19

Left Out: 169.906+/-0.028 χ^2/NDF:663159.2/24

Right Out: 114.500+/-0.029 χ^2/NDF: 2057246.5/22

Left In: 172.065+/-0.029 χ^2/NDF:589733.9/22

Left: 170.952+/-0.020 χ^2/NDF: 1255701.2/47

Right: 115.997+/-0.021 χ^2/NDF: 3664780.1/42

In: 146.949+/-0.021 χ^2/NDF:3783473.6/42

Out: 142.707+/-0.020 χ^2/NDF:4594595.0/47

All: 144.704+/-0.015 χ^2/NDF: 8398773.5/90

asym_sam5_correction_mean vs Slug, Sign Corrected

Right In: -583.204+/-932.425 χ^2/NDF: 1.0/2

Left Out: -412.804+/-240.278 χ^2/NDF:19.0/24

Right Out: -10.135+/-861.420 χ^2/NDF: 4.9/3

Left In: 223.332+/-243.771 χ^2/NDF:36.0/22

Left: -99.327+/-171.124 χ^2/NDF: 58.5/47

Right: -274.022+/-632.731 χ^2/NDF: 6.1/6

In: 171.733+/-235.845 χ^2/NDF:37.7/25

Out: -383.737+/-231.443 χ^2/NDF:24.1/28

All: -111.234+/-165.189 χ^2/NDF: 64.7/54

asym_sam5_correction_rms vs Slug, Sign Corrected

Right In: 889.275+/-0.659 χ^2/NDF: 197533.8/2

Left Out: 1020.149+/-0.170 χ^2/NDF:369866.7/24

Right Out: 1025.581+/-0.609 χ^2/NDF: 721084.0/3

Left In: 1015.000+/-0.172 χ^2/NDF:404865.5/22

Left: 1017.611+/-0.121 χ^2/NDF: 775184.8/47

Right: 962.815+/-0.447 χ^2/NDF: 941676.7/6

In: 1006.956+/-0.167 χ^2/NDF:636434.5/25

Out: 1020.541+/-0.164 χ^2/NDF:1091024.6/28

All: 1013.876+/-0.117 χ^2/NDF: 1730839.3/54

asym_sam5_mean vs Slug, Sign Corrected

Right In: -76.477+/-295.717 χ^2/NDF: 17.9/19

Left Out: 580.226+/-235.583 χ^2/NDF:18.4/24

Right Out: -418.658+/-268.266 χ^2/NDF: 27.7/22

Left In: -42.397+/-239.278 χ^2/NDF:37.9/22

Left: 273.759+/-167.873 χ^2/NDF: 59.7/47

Right: -264.184+/-198.690 χ^2/NDF: 46.3/42

In: -55.881+/-186.012 χ^2/NDF:55.8/42

Out: 145.306+/-177.016 χ^2/NDF:53.9/47

All: 49.695+/-128.232 χ^2/NDF: 110.3/90

asym_sam5_rms vs Slug, Sign Corrected

Right In: 768.845+/-0.209 χ^2/NDF: 1944602.3/19

Left Out: 1001.233+/-0.167 χ^2/NDF:370278.3/24

Right Out: 732.975+/-0.190 χ^2/NDF: 2652613.6/22

Left In: 995.590+/-0.169 χ^2/NDF:424434.6/22

Left: 998.455+/-0.119 χ^2/NDF: 795277.7/47

Right: 749.168+/-0.140 χ^2/NDF: 4613357.6/42

In: 905.874+/-0.132 χ^2/NDF:3079644.2/42

Out: 884.432+/-0.125 χ^2/NDF:4152010.6/47

All: 894.622+/-0.091 χ^2/NDF: 7245601.2/90

dit_asym_sam6_mean vs Slug, Sign Corrected

Right In: -41.577+/-47.341 χ^2/NDF: 20.8/19

Left Out: 314.517+/-39.818 χ^2/NDF:21.4/24

Right Out: -6.137+/-44.175 χ^2/NDF: 15.3/22

Left In: 312.097+/-41.646 χ^2/NDF:26.9/22

Left: 313.361+/-28.780 χ^2/NDF: 48.3/47

Right: -22.633+/-32.298 χ^2/NDF: 36.4/42

In: 157.804+/-31.269 χ^2/NDF:79.2/42

Out: 170.780+/-29.576 χ^2/NDF:65.7/47

All: 164.652+/-21.487 χ^2/NDF: 145.0/90

dit_asym_sam6_rms vs Slug, Sign Corrected

Right In: 124.960+/-0.033 χ^2/NDF: 1531823.3/19

Left Out: 169.432+/-0.028 χ^2/NDF:386461.5/24

Right Out: 123.331+/-0.031 χ^2/NDF: 2182454.6/22

Left In: 173.847+/-0.029 χ^2/NDF:291729.8/22

Left: 171.540+/-0.020 χ^2/NDF: 689934.9/47

Right: 124.089+/-0.023 χ^2/NDF: 3715542.8/42

In: 152.519+/-0.022 χ^2/NDF:3025882.8/42

Out: 148.767+/-0.021 χ^2/NDF:3770671.8/47

All: 150.539+/-0.015 χ^2/NDF: 6811759.1/90

asym_sam6_correction_mean vs Slug, Sign Corrected

Right In: -311.228+/-2004.027 χ^2/NDF: 0.8/2

Left Out: 356.612+/-250.934 χ^2/NDF:33.4/24

Right Out: -1529.002+/-1767.797 χ^2/NDF: 6.2/3

Left In: 212.007+/-257.383 χ^2/NDF:36.0/22

Left: 286.144+/-179.674 χ^2/NDF: 69.6/47

Right: -996.086+/-1325.713 χ^2/NDF: 7.2/6

In: 203.516+/-255.287 χ^2/NDF:36.9/25

Out: 319.369+/-248.444 χ^2/NDF:40.7/28

All: 263.016+/-178.046 χ^2/NDF: 77.7/54

asym_sam6_correction_rms vs Slug, Sign Corrected

Right In: 2000.629+/-1.417 χ^2/NDF: 59060.8/2

Left Out: 1064.868+/-0.177 χ^2/NDF:493614.2/24

Right Out: 2236.135+/-1.250 χ^2/NDF: 490738.2/3

Left In: 1070.694+/-0.182 χ^2/NDF:570407.8/22

Left: 1067.707+/-0.127 χ^2/NDF: 1064547.2/47

Right: 2133.074+/-0.937 χ^2/NDF: 565332.2/6

In: 1085.784+/-0.181 χ^2/NDF:1053134.3/25

Out: 1088.002+/-0.176 χ^2/NDF:1844976.2/28

All: 1086.923+/-0.126 χ^2/NDF: 2898188.0/54

asym_sam6_mean vs Slug, Sign Corrected

Right In: -292.770+/-248.070 χ^2/NDF: 17.5/19

Left Out: -89.632+/-247.271 χ^2/NDF:31.0/24

Right Out: -69.663+/-243.689 χ^2/NDF: 29.3/22

Left In: 110.879+/-254.337 χ^2/NDF:35.2/22

Left: 7.800+/-177.292 χ^2/NDF: 66.4/47

Right: -179.229+/-173.843 χ^2/NDF: 47.2/42

In: -95.979+/-177.587 χ^2/NDF:54.0/42

Out: -79.502+/-173.567 χ^2/NDF:60.2/47

All: -87.552+/-124.127 χ^2/NDF: 114.2/90

asym_sam6_rms vs Slug, Sign Corrected

Right In: 586.294+/-0.175 χ^2/NDF: 4326275.6/19

Left Out: 1050.918+/-0.175 χ^2/NDF:483477.5/24

Right Out: 616.232+/-0.172 χ^2/NDF: 5034267.8/22

Left In: 1058.154+/-0.180 χ^2/NDF:532260.0/22

Left: 1054.434+/-0.125 χ^2/NDF: 1016569.7/47

Right: 601.529+/-0.123 χ^2/NDF: 9375367.9/42

In: 816.339+/-0.126 χ^2/NDF:8386355.5/42

Out: 830.404+/-0.123 χ^2/NDF:8653169.1/47

All: 823.532+/-0.088 χ^2/NDF: 17045941.5/90

dit_asym_sam7_mean vs Slug, Sign Corrected

Right In: -80.956+/-33.117 χ^2/NDF: 9.7/19

Left Out: 93.496+/-21.284 χ^2/NDF:22.8/24

Right Out: -17.352+/-31.176 χ^2/NDF: 36.8/22

Left In: 111.732+/-21.971 χ^2/NDF:30.7/22

Left: 102.325+/-15.287 χ^2/NDF: 53.8/47

Right: -47.235+/-22.700 χ^2/NDF: 48.4/42

In: 52.842+/-18.308 χ^2/NDF:63.9/42

Out: 58.255+/-17.578 χ^2/NDF:68.2/47

All: 55.659+/-12.680 χ^2/NDF: 132.1/90

dit_asym_sam7_rms vs Slug, Sign Corrected

Right In: 90.406+/-0.023 χ^2/NDF: 554614.1/19

Left Out: 88.830+/-0.015 χ^2/NDF:1000651.2/24

Right Out: 90.815+/-0.022 χ^2/NDF: 786322.3/22

Left In: 89.934+/-0.016 χ^2/NDF:874129.5/22

Left: 89.364+/-0.011 χ^2/NDF: 1877387.2/47

Right: 90.623+/-0.016 χ^2/NDF: 1341098.2/42

In: 90.078+/-0.013 χ^2/NDF:1429025.4/42

Out: 89.461+/-0.012 χ^2/NDF:1792504.2/47

All: 89.757+/-0.009 χ^2/NDF: 3222712.9/90

asym_sam7_correction_mean vs Slug, Sign Corrected

Right In: 462.853+/-1057.622 χ^2/NDF: 0.1/2

Left Out: -313.446+/-77.334 χ^2/NDF:58.1/24

Right Out: 684.284+/-915.494 χ^2/NDF: 3.7/3

Left In: 41.244+/-78.858 χ^2/NDF:28.0/22

Left: -139.560+/-55.214 χ^2/NDF: 96.4/47

Right: 589.436+/-692.189 χ^2/NDF: 3.8/6

In: 43.575+/-78.639 χ^2/NDF:28.3/25

Out: -306.377+/-77.060 χ^2/NDF:63.0/28

All: -134.951+/-55.040 χ^2/NDF: 101.3/54

asym_sam7_correction_rms vs Slug, Sign Corrected

Right In: 1069.399+/-0.748 χ^2/NDF: 20076.6/2

Left Out: 325.432+/-0.055 χ^2/NDF:1000974.7/24

Right Out: 1225.801+/-0.647 χ^2/NDF: 30959.2/3

Left In: 326.516+/-0.056 χ^2/NDF:841153.2/22

Left: 325.964+/-0.039 χ^2/NDF: 1842320.6/47

Right: 1158.808+/-0.489 χ^2/NDF: 76038.7/6

In: 330.624+/-0.056 χ^2/NDF:1842529.3/25

Out: 331.811+/-0.054 χ^2/NDF:2952687.8/28

All: 331.229+/-0.039 χ^2/NDF: 4795449.8/54

asym_sam7_mean vs Slug, Sign Corrected

Right In: 72.599+/-141.396 χ^2/NDF: 21.1/19

Left Out: 407.375+/-74.730 χ^2/NDF:53.0/24

Right Out: -293.110+/-128.305 χ^2/NDF: 14.3/22

Left In: 87.657+/-76.572 χ^2/NDF:27.4/22

Left: 251.406+/-53.481 χ^2/NDF: 89.4/47

Right: -127.964+/-95.017 χ^2/NDF: 39.1/42

In: 84.242+/-67.332 χ^2/NDF:48.6/42

Out: 229.937+/-64.576 χ^2/NDF:89.6/47

All: 160.133+/-46.606 χ^2/NDF: 140.6/90

asym_sam7_rms vs Slug, Sign Corrected

Right In: 352.456+/-0.100 χ^2/NDF: 3034034.4/19

Left Out: 314.405+/-0.053 χ^2/NDF:1112244.9/24

Right Out: 327.203+/-0.091 χ^2/NDF: 4727958.7/22

Left In: 316.616+/-0.054 χ^2/NDF:929652.0/22

Left: 315.484+/-0.038 χ^2/NDF: 2042751.4/47

Right: 338.607+/-0.067 χ^2/NDF: 7796981.9/42

In: 324.744+/-0.048 χ^2/NDF:4063045.8/42

Out: 317.647+/-0.046 χ^2/NDF:5855061.6/47

All: 321.047+/-0.033 χ^2/NDF: 9929681.4/90

dit_asym_sam8_mean vs Slug, Sign Corrected

Right In: -192.652+/-28.833 χ^2/NDF: 20.0/19

Left Out: -199.640+/-18.452 χ^2/NDF:20.2/24

Right Out: -103.399+/-27.504 χ^2/NDF: 41.0/22

Left In: -179.154+/-19.112 χ^2/NDF:23.9/22

Left: -189.757+/-13.275 χ^2/NDF: 44.6/47

Right: -145.921+/-19.901 χ^2/NDF: 66.1/42

In: -183.274+/-15.930 χ^2/NDF:44.0/42

Out: -169.768+/-15.323 χ^2/NDF:69.7/47

All: -176.259+/-11.043 χ^2/NDF: 114.1/90

dit_asym_sam8_rms vs Slug, Sign Corrected

Right In: 78.263+/-0.020 χ^2/NDF: 679196.5/19

Left Out: 75.883+/-0.013 χ^2/NDF:1552500.3/24

Right Out: 78.923+/-0.019 χ^2/NDF: 1239877.1/22

Left In: 77.080+/-0.014 χ^2/NDF:1422981.1/22

Left: 76.460+/-0.009 χ^2/NDF: 2979537.9/47

Right: 78.609+/-0.014 χ^2/NDF: 1919621.7/42

In: 77.441+/-0.011 χ^2/NDF:2104519.1/42

Out: 76.827+/-0.011 χ^2/NDF:2809224.1/47

All: 77.122+/-0.008 χ^2/NDF: 4915287.7/90

asym_sam8_correction_mean vs Slug, Sign Corrected

Right In: 258.341+/-706.131 χ^2/NDF: 0.1/2

Left Out: -305.659+/-65.327 χ^2/NDF:54.9/24

Right Out: 948.289+/-656.905 χ^2/NDF: 4.5/3

Left In: 52.759+/-67.539 χ^2/NDF:24.9/22

Left: -132.416+/-46.956 χ^2/NDF: 94.3/47

Right: 628.200+/-480.964 χ^2/NDF: 5.1/6

In: 54.623+/-67.232 χ^2/NDF:25.0/25

Out: -293.380+/-65.006 χ^2/NDF:63.0/28

All: -125.235+/-46.733 χ^2/NDF: 101.9/54

asym_sam8_correction_rms vs Slug, Sign Corrected

Right In: 702.912+/-0.499 χ^2/NDF: 81788.1/2

Left Out: 275.901+/-0.046 χ^2/NDF:753109.6/24

Right Out: 843.973+/-0.465 χ^2/NDF: 299725.7/3

Left In: 280.628+/-0.048 χ^2/NDF:587415.9/22

Left: 278.186+/-0.033 χ^2/NDF: 1345588.4/47

Right: 778.530+/-0.340 χ^2/NDF: 424298.9/6

In: 284.457+/-0.048 χ^2/NDF:1377986.7/25

Out: 281.464+/-0.046 χ^2/NDF:2533843.5/28

All: 282.910+/-0.033 χ^2/NDF: 3913878.4/54

asym_sam8_mean vs Slug, Sign Corrected

Right In: -60.040+/-89.642 χ^2/NDF: 16.9/19

Left Out: 121.185+/-62.911 χ^2/NDF:49.0/24

Right Out: -174.741+/-76.386 χ^2/NDF: 17.6/22

Left In: -207.047+/-65.246 χ^2/NDF:27.8/22

Left: -36.951+/-45.288 χ^2/NDF: 89.9/47

Right: -126.490+/-58.141 χ^2/NDF: 35.4/42

In: -156.137+/-52.753 χ^2/NDF:46.4/42

Out: 1.584+/-48.561 χ^2/NDF:75.5/47

All: -70.763+/-35.728 χ^2/NDF: 126.8/90

asym_sam8_rms vs Slug, Sign Corrected

Right In: 209.003+/-0.063 χ^2/NDF: 4536477.4/19

Left Out: 266.618+/-0.044 χ^2/NDF:639230.8/24

Right Out: 180.865+/-0.054 χ^2/NDF: 6513724.4/22

Left In: 271.451+/-0.046 χ^2/NDF:530897.8/22

Left: 268.946+/-0.032 χ^2/NDF: 1175815.9/47

Right: 192.702+/-0.041 χ^2/NDF: 11164365.8/42

In: 249.825+/-0.037 χ^2/NDF:5701842.8/42

Out: 231.960+/-0.034 χ^2/NDF:8654798.6/47

All: 240.155+/-0.025 χ^2/NDF: 14480800.5/90

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected

Right In: 0.145+/-76.295 χ^2/NDF: 0.3/2

Left Out: 9.762+/-16.463 χ^2/NDF:25.9/24

Right Out: 79.475+/-60.067 χ^2/NDF: 0.8/3

Left In: 30.236+/-17.031 χ^2/NDF:21.9/22

Left: 19.652+/-11.837 χ^2/NDF: 48.6/47

Right: 49.118+/-47.196 χ^2/NDF: 1.7/6

In: 28.808+/-16.622 χ^2/NDF:22.3/25

Out: 14.633+/-15.878 χ^2/NDF:28.0/28

All: 21.396+/-11.481 χ^2/NDF: 50.7/54

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected

Right In: 77.409+/-0.054 χ^2/NDF: 32744.2/2

Left Out: 69.234+/-0.012 χ^2/NDF:1005922.1/24

Right Out: 73.868+/-0.042 χ^2/NDF: 659436.9/3

Left In: 70.322+/-0.012 χ^2/NDF:862105.7/22

Left: 69.760+/-0.008 χ^2/NDF: 1872251.2/47

Right: 75.223+/-0.033 χ^2/NDF: 694841.3/6

In: 70.659+/-0.012 χ^2/NDF:911287.0/25

Out: 69.558+/-0.011 χ^2/NDF:1676430.1/28

All: 70.083+/-0.008 χ^2/NDF: 2592306.3/54

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected

Right In: -147.867+/-281.490 χ^2/NDF: 1.1/2

Left Out: -211.526+/-82.780 χ^2/NDF:19.4/24

Right Out: 138.335+/-242.449 χ^2/NDF: 4.2/3

Left In: 88.062+/-84.309 χ^2/NDF:33.5/22

Left: -64.474+/-59.067 χ^2/NDF: 59.3/47

Right: 16.443+/-183.702 χ^2/NDF: 5.9/6

In: 68.640+/-80.764 χ^2/NDF:35.2/25

Out: -174.999+/-78.339 χ^2/NDF:25.5/28

All: -56.892+/-56.232 χ^2/NDF: 65.4/54

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected

Right In: 271.105+/-0.199 χ^2/NDF: 165075.8/2

Left Out: 350.780+/-0.059 χ^2/NDF:506274.4/24

Right Out: 288.947+/-0.171 χ^2/NDF: 727978.6/3

Left In: 350.944+/-0.060 χ^2/NDF:424876.4/22

Left: 350.861+/-0.042 χ^2/NDF: 931154.7/47

Right: 281.348+/-0.130 χ^2/NDF: 897667.3/6

In: 344.372+/-0.057 χ^2/NDF:737602.4/25

Out: 344.325+/-0.055 χ^2/NDF:1350760.5/28

All: 344.348+/-0.040 χ^2/NDF: 2088363.2/54

asym_sam_15_avg_mean vs Slug, Sign Corrected

Right In: 183.347+/-282.539 χ^2/NDF: 0.8/2

Left Out: 215.214+/-81.235 χ^2/NDF:19.6/24

Right Out: -64.170+/-247.065 χ^2/NDF: 3.5/3

Left In: -61.730+/-82.841 χ^2/NDF:34.9/22

Left: 79.453+/-58.001 χ^2/NDF: 60.2/47

Right: 43.083+/-185.986 χ^2/NDF: 4.7/6

In: -42.330+/-79.495 χ^2/NDF:36.4/25

Out: 187.957+/-77.170 χ^2/NDF:24.2/28

All: 76.229+/-55.371 χ^2/NDF: 65.0/54

asym_sam_15_avg_rms vs Slug, Sign Corrected

Right In: 272.066+/-0.200 χ^2/NDF: 165422.2/2

Left Out: 344.439+/-0.057 χ^2/NDF:488381.9/24

Right Out: 294.575+/-0.175 χ^2/NDF: 724260.4/3

Left In: 344.475+/-0.059 χ^2/NDF:433401.7/22

Left: 344.457+/-0.041 χ^2/NDF: 921783.8/47

Right: 284.822+/-0.132 χ^2/NDF: 896876.5/6

In: 338.743+/-0.056 χ^2/NDF:719785.3/25

Out: 339.574+/-0.055 χ^2/NDF:1286160.5/28

All: 339.171+/-0.039 χ^2/NDF: 2006058.5/54

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected

Right In: -67.438+/-231.384 χ^2/NDF: 0.2/2

Left Out: 22.164+/-26.284 χ^2/NDF:28.1/24

Right Out: -24.105+/-189.212 χ^2/NDF: 0.8/3

Left In: 62.310+/-27.398 χ^2/NDF:22.0/22

Left: 41.404+/-18.967 χ^2/NDF: 51.2/47

Right: -41.470+/-146.474 χ^2/NDF: 1.0/6

In: 60.516+/-27.208 χ^2/NDF:22.5/25

Out: 21.288+/-26.034 χ^2/NDF:28.9/28

All: 40.037+/-18.810 χ^2/NDF: 52.6/54

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected

Right In: 234.777+/-0.164 χ^2/NDF: 16264.5/2

Left Out: 109.953+/-0.019 χ^2/NDF:1140626.9/24

Right Out: 239.427+/-0.134 χ^2/NDF: 446801.5/3

Left In: 112.657+/-0.019 χ^2/NDF:835831.1/22

Left: 111.249+/-0.013 χ^2/NDF: 1986605.7/47

Right: 237.564+/-0.104 χ^2/NDF: 463550.1/6

In: 114.346+/-0.019 χ^2/NDF:1401497.9/25

Out: 112.404+/-0.018 χ^2/NDF:2506188.2/28

All: 113.332+/-0.013 χ^2/NDF: 3913004.4/54

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected

Right In: 237.435+/-1672.191 χ^2/NDF: 0.3/2

Left Out: -319.391+/-110.306 χ^2/NDF:51.5/24

Right Out: 1637.790+/-1478.396 χ^2/NDF: 6.1/3

Left In: -9.462+/-112.340 χ^2/NDF:32.5/22

Left: -167.259+/-78.707 χ^2/NDF: 87.9/47

Right: 1023.425+/-1107.593 χ^2/NDF: 6.8/6

In: -8.353+/-112.087 χ^2/NDF:32.8/25

Out: -308.556+/-110.000 χ^2/NDF:59.4/28

All: -161.276+/-78.509 χ^2/NDF: 95.9/54

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected

Right In: 1699.111+/-1.182 χ^2/NDF: 32919.6/2

Left Out: 450.363+/-0.078 χ^2/NDF:3096435.8/24

Right Out: 1992.347+/-1.045 χ^2/NDF: 72137.7/3

Left In: 452.694+/-0.079 χ^2/NDF:2586032.2/22

Left: 451.507+/-0.056 χ^2/NDF: 5682906.4/47

Right: 1863.698+/-0.783 χ^2/NDF: 139577.4/6

In: 458.294+/-0.079 χ^2/NDF:3725139.4/25

Out: 458.899+/-0.078 χ^2/NDF:5332273.9/28

All: 458.603+/-0.056 χ^2/NDF: 9057443.1/54

asym_sam_26_avg_mean vs Slug, Sign Corrected

Right In: -138.085+/-1742.492 χ^2/NDF: 0.4/2

Left Out: 337.948+/-109.831 χ^2/NDF:48.6/24

Right Out: -1700.260+/-1449.450 χ^2/NDF: 5.7/3

Left In: 99.475+/-111.475 χ^2/NDF:32.1/22

Left: 220.483+/-78.237 χ^2/NDF: 83.0/47

Right: -1061.392+/-1114.324 χ^2/NDF: 6.5/6

In: 98.507+/-111.248 χ^2/NDF:32.5/25

Out: 326.312+/-109.517 χ^2/NDF:56.2/28

All: 214.195+/-78.045 χ^2/NDF: 90.8/54

asym_sam_26_avg_rms vs Slug, Sign Corrected

Right In: 1773.781+/-1.232 χ^2/NDF: 22381.3/2

Left Out: 448.397+/-0.078 χ^2/NDF:3077183.0/24

Right Out: 1934.958+/-1.025 χ^2/NDF: 91998.8/3

Left In: 448.238+/-0.079 χ^2/NDF:2563455.5/22

Left: 448.319+/-0.055 χ^2/NDF: 5640640.6/47

Right: 1869.043+/-0.788 χ^2/NDF: 124493.9/6

In: 453.641+/-0.079 χ^2/NDF:3738498.8/25

Out: 456.883+/-0.077 χ^2/NDF:5260899.3/28

All: 455.288+/-0.055 χ^2/NDF: 9000260.6/54

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected

Right In: -100.078+/-208.565 χ^2/NDF: 0.4/2

Left Out: 64.142+/-18.728 χ^2/NDF:33.8/24

Right Out: -3.303+/-165.322 χ^2/NDF: 0.8/3

Left In: 91.028+/-19.637 χ^2/NDF:32.6/22

Left: 76.948+/-13.553 χ^2/NDF: 67.4/47

Right: -40.645+/-129.557 χ^2/NDF: 1.3/6

In: 89.349+/-19.551 χ^2/NDF:33.9/25

Out: 63.287+/-18.609 χ^2/NDF:34.7/28

All: 75.675+/-13.479 χ^2/NDF: 69.6/54

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected

Right In: 212.125+/-0.147 χ^2/NDF: 10501.2/2

Left Out: 77.280+/-0.013 χ^2/NDF:1553410.1/24

Right Out: 218.704+/-0.117 χ^2/NDF: 124152.0/3

Left In: 79.491+/-0.014 χ^2/NDF:1333774.9/22

Left: 78.333+/-0.010 χ^2/NDF: 2900472.8/47

Right: 216.165+/-0.092 χ^2/NDF: 135875.5/6

In: 80.657+/-0.014 χ^2/NDF:2145988.4/25

Out: 79.071+/-0.013 χ^2/NDF:3122607.8/28

All: 79.825+/-0.010 χ^2/NDF: 5275497.5/54

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected

Right In: 263.702+/-2024.631 χ^2/NDF: 0.2/2

Left Out: -571.669+/-128.158 χ^2/NDF:66.8/24

Right Out: 430.196+/-1673.619 χ^2/NDF: 4.8/3

Left In: 50.077+/-129.187 χ^2/NDF:26.1/22

Left: -263.282+/-90.983 χ^2/NDF: 104.6/47

Right: 362.610+/-1289.953 χ^2/NDF: 5.0/6

In: 50.943+/-128.924 χ^2/NDF:26.3/25

Out: -565.828+/-127.784 χ^2/NDF:71.9/28

All: -260.183+/-90.757 χ^2/NDF: 109.8/54

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected

Right In: 2067.019+/-1.432 χ^2/NDF: 10056.1/2

Left Out: 531.643+/-0.091 χ^2/NDF:2038304.3/24

Right Out: 2268.805+/-1.183 χ^2/NDF: 21940.1/3

Left In: 527.182+/-0.091 χ^2/NDF:1813383.7/22

Left: 529.430+/-0.064 χ^2/NDF: 3852889.7/47

Right: 2186.893+/-0.912 χ^2/NDF: 43798.2/6

In: 533.426+/-0.091 χ^2/NDF:2975627.2/25

Out: 541.770+/-0.090 χ^2/NDF:4202434.7/28

All: 537.635+/-0.064 χ^2/NDF: 7182287.3/54

asym_sam_37_avg_mean vs Slug, Sign Corrected

Right In: -410.139+/-2030.250 χ^2/NDF: 0.3/2

Left Out: 659.523+/-128.164 χ^2/NDF:62.4/24

Right Out: -462.479+/-1645.542 χ^2/NDF: 4.6/3

Left In: 43.183+/-129.538 χ^2/NDF:26.0/22

Left: 354.638+/-91.108 χ^2/NDF: 99.9/47

Right: -441.728+/-1278.371 χ^2/NDF: 4.8/6

In: 41.345+/-129.275 χ^2/NDF:26.3/25

Out: 652.758+/-127.777 χ^2/NDF:67.5/28

All: 350.613+/-90.877 χ^2/NDF: 105.1/54

asym_sam_37_avg_rms vs Slug, Sign Corrected

Right In: 2071.694+/-1.436 χ^2/NDF: 12038.6/2

Left Out: 532.393+/-0.091 χ^2/NDF:1943066.8/24

Right Out: 2216.665+/-1.164 χ^2/NDF: 26517.4/3

Left In: 528.464+/-0.092 χ^2/NDF:1712049.5/22

Left: 530.449+/-0.064 χ^2/NDF: 3656045.7/47

Right: 2159.188+/-0.904 χ^2/NDF: 44710.4/6

In: 534.721+/-0.091 χ^2/NDF:2874960.6/25

Out: 542.548+/-0.090 χ^2/NDF:4052206.0/28

All: 538.680+/-0.064 χ^2/NDF: 6930874.8/54

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected

Right In: -93.131+/-228.107 χ^2/NDF: 0.2/2

Left Out: 45.675+/-41.779 χ^2/NDF:21.9/24

Right Out: 84.391+/-180.348 χ^2/NDF: 0.1/3

Left In: 88.356+/-43.518 χ^2/NDF:26.4/22

Left: 66.145+/-30.138 χ^2/NDF: 48.8/47

Right: 16.107+/-141.472 χ^2/NDF: 0.7/6

In: 81.982+/-42.747 χ^2/NDF:27.2/25

Out: 47.647+/-40.701 χ^2/NDF:22.1/28

All: 63.973+/-29.477 χ^2/NDF: 49.6/54

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected

Right In: 232.618+/-0.161 χ^2/NDF: 13757.7/2

Left Out: 172.097+/-0.030 χ^2/NDF:1752497.1/24

Right Out: 228.049+/-0.128 χ^2/NDF: 483815.4/3

Left In: 176.425+/-0.031 χ^2/NDF:1360607.7/22

Left: 174.173+/-0.021 χ^2/NDF: 3123399.2/47

Right: 229.806+/-0.100 χ^2/NDF: 498067.0/6

In: 178.398+/-0.030 χ^2/NDF:1491476.2/25

Out: 174.947+/-0.029 χ^2/NDF:2419010.8/28

All: 176.588+/-0.021 χ^2/NDF: 3917326.9/54

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected

Right In: 356.413+/-2793.484 χ^2/NDF: 0.1/2

Left Out: -1324.367+/-265.950 χ^2/NDF:53.6/24

Right Out: 1379.458+/-2456.721 χ^2/NDF: 5.5/3

Left In: 276.678+/-270.547 χ^2/NDF:22.0/22

Left: -537.562+/-189.659 χ^2/NDF: 93.5/47

Right: 933.288+/-1844.799 χ^2/NDF: 5.6/6

In: 277.419+/-269.287 χ^2/NDF:22.1/25

Out: -1293.048+/-264.405 χ^2/NDF:60.3/28

All: -522.178+/-188.665 χ^2/NDF: 99.7/54

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected

Right In: 2838.298+/-1.975 χ^2/NDF: 22249.5/2

Left Out: 1123.022+/-0.188 χ^2/NDF:842393.5/24

Right Out: 3169.169+/-1.737 χ^2/NDF: 336854.1/3

Left In: 1123.148+/-0.191 χ^2/NDF:689778.4/22

Left: 1123.084+/-0.134 χ^2/NDF: 1532172.1/47

Right: 3024.870+/-1.304 χ^2/NDF: 374925.0/6

In: 1139.086+/-0.190 χ^2/NDF:1458970.6/25

Out: 1146.723+/-0.187 χ^2/NDF:2550547.7/28

All: 1142.974+/-0.133 χ^2/NDF: 4010337.3/54

asym_sam_48_avg_mean vs Slug, Sign Corrected

Right In: -390.454+/-2818.376 χ^2/NDF: 0.1/2

Left Out: 1404.763+/-262.517 χ^2/NDF:53.1/24

Right Out: -1278.987+/-2446.122 χ^2/NDF: 5.4/3

Left In: -183.249+/-267.620 χ^2/NDF:23.7/22

Left: 626.041+/-187.406 χ^2/NDF: 94.8/47

Right: -897.236+/-1847.362 χ^2/NDF: 5.6/6

In: -185.101+/-266.422 χ^2/NDF:23.8/25

Out: 1374.205+/-261.018 χ^2/NDF:59.7/28

All: 610.525+/-186.449 χ^2/NDF: 101.0/54

asym_sam_48_avg_rms vs Slug, Sign Corrected

Right In: 2861.615+/-1.993 χ^2/NDF: 24529.4/2

Left Out: 1109.574+/-0.186 χ^2/NDF:812957.8/24

Right Out: 3149.654+/-1.730 χ^2/NDF: 337171.9/3

Left In: 1110.162+/-0.189 χ^2/NDF:673229.2/22

Left: 1109.863+/-0.133 χ^2/NDF: 1486192.0/47

Right: 3025.901+/-1.306 χ^2/NDF: 373616.0/6

In: 1125.813+/-0.188 χ^2/NDF:1463233.3/25

Out: 1132.804+/-0.185 χ^2/NDF:2525420.5/28

All: 1129.380+/-0.132 χ^2/NDF: 3989356.4/54

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

Right In: -42.663+/-100.954 χ^2/NDF: 1.2/2

Left Out: -172.357+/-26.709 χ^2/NDF:27.2/24

Right Out: -86.793+/-78.488 χ^2/NDF: 1.6/3

Left In: -159.044+/-27.608 χ^2/NDF:21.1/22

Left: -165.921+/-19.196 χ^2/NDF: 48.4/47

Right: -70.168+/-61.964 χ^2/NDF: 2.9/6

In: -150.946+/-26.630 χ^2/NDF:23.5/25

Out: -163.477+/-25.285 χ^2/NDF:29.9/28

All: -157.536+/-18.336 χ^2/NDF: 53.5/54

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected

Right In: 103.458+/-0.071 χ^2/NDF: 7237.7/2

Left Out: 113.727+/-0.019 χ^2/NDF:392153.8/24

Right Out: 100.920+/-0.055 χ^2/NDF: 408935.4/3

Left In: 115.377+/-0.020 χ^2/NDF:309034.7/22

Left: 114.525+/-0.014 χ^2/NDF: 704876.2/47

Right: 101.876+/-0.044 χ^2/NDF: 416960.7/6

In: 114.547+/-0.019 χ^2/NDF:342209.6/25

Out: 112.398+/-0.018 χ^2/NDF:848812.7/28

All: 113.417+/-0.013 χ^2/NDF: 1197873.6/54

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected

Right In: 425.005+/-694.844 χ^2/NDF: 0.8/2

Left Out: 202.466+/-159.030 χ^2/NDF:19.8/24

Right Out: 209.598+/-657.814 χ^2/NDF: 5.0/3

Left In: -140.039+/-161.024 χ^2/NDF:36.9/22

Left: 33.348+/-113.149 χ^2/NDF: 58.9/47

Right: 311.409+/-477.699 χ^2/NDF: 5.9/6

In: -111.240+/-156.867 χ^2/NDF:38.3/25

Out: 202.860+/-154.577 χ^2/NDF:24.8/28

All: 48.119+/-110.103 χ^2/NDF: 65.1/54

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected

Right In: 661.955+/-0.491 χ^2/NDF: 208247.4/2

Left Out: 675.335+/-0.112 χ^2/NDF:358713.6/24

Right Out: 785.558+/-0.465 χ^2/NDF: 709557.7/3

Left In: 669.938+/-0.114 χ^2/NDF:464085.7/22

Left: 672.670+/-0.080 χ^2/NDF: 823936.7/47

Right: 727.138+/-0.338 χ^2/NDF: 951180.2/6

In: 669.531+/-0.111 χ^2/NDF:672583.7/25

Out: 681.421+/-0.109 χ^2/NDF:1121323.8/28

All: 675.563+/-0.078 χ^2/NDF: 1799737.3/54

asym_sam_15_dd_mean vs Slug, Sign Corrected

Right In: -436.986+/-678.834 χ^2/NDF: 1.0/2

Left Out: -365.394+/-156.301 χ^2/NDF:18.7/24

Right Out: -339.822+/-646.659 χ^2/NDF: 4.5/3

Left In: -11.243+/-158.497 χ^2/NDF:38.8/22

Left: -190.789+/-111.290 χ^2/NDF: 60.1/47

Right: -386.047+/-468.219 χ^2/NDF: 5.5/6

In: -33.253+/-154.346 χ^2/NDF:40.2/25

Out: -363.982+/-151.926 χ^2/NDF:23.3/28

All: -201.230+/-108.273 χ^2/NDF: 65.8/54

asym_sam_15_dd_rms vs Slug, Sign Corrected

Right In: 644.696+/-0.480 χ^2/NDF: 220313.9/2

Left Out: 664.618+/-0.111 χ^2/NDF:356964.3/24

Right Out: 770.296+/-0.457 χ^2/NDF: 723702.7/3

Left In: 659.230+/-0.112 χ^2/NDF:472744.9/22

Left: 661.962+/-0.079 χ^2/NDF: 830881.0/47

Right: 710.543+/-0.331 χ^2/NDF: 979910.9/6

In: 658.479+/-0.109 χ^2/NDF:693928.1/25

Out: 670.451+/-0.107 χ^2/NDF:1131131.6/28

All: 664.560+/-0.077 χ^2/NDF: 1831172.0/54

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

Right In: 216.842+/-208.004 χ^2/NDF: 1.7/2

Left Out: -275.447+/-50.539 χ^2/NDF:27.3/24

Right Out: -79.480+/-161.124 χ^2/NDF: 1.5/3

Left In: -223.195+/-51.742 χ^2/NDF:20.8/22

Left: -249.935+/-36.154 χ^2/NDF: 48.6/47

Right: 31.645+/-127.379 χ^2/NDF: 4.4/6

In: -197.553+/-50.211 χ^2/NDF:26.7/25

Out: -257.893+/-48.223 χ^2/NDF:30.1/28

All: -228.942+/-34.780 χ^2/NDF: 57.6/54

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected

Right In: 213.371+/-0.147 χ^2/NDF: 1916.3/2

Left Out: 215.963+/-0.036 χ^2/NDF:144735.1/24

Right Out: 216.424+/-0.114 χ^2/NDF: 98763.6/3

Left In: 216.821+/-0.037 χ^2/NDF:132518.8/22

Left: 216.382+/-0.026 χ^2/NDF: 277535.4/47

Right: 215.279+/-0.090 χ^2/NDF: 100949.4/6

In: 216.620+/-0.036 χ^2/NDF:134953.5/25

Out: 216.004+/-0.034 χ^2/NDF:243513.7/28

All: 216.300+/-0.025 χ^2/NDF: 378623.5/54

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected

Right In: 373.472+/-3721.445 χ^2/NDF: 0.6/2

Left Out: -779.146+/-366.965 χ^2/NDF:38.5/24

Right Out: 2996.575+/-3302.778 χ^2/NDF: 6.6/3

Left In: -261.815+/-376.203 χ^2/NDF:35.4/22

Left: -526.910+/-262.688 χ^2/NDF: 74.9/47

Right: 1840.816+/-2470.231 χ^2/NDF: 7.4/6

In: -255.388+/-374.295 χ^2/NDF:36.0/25

Out: -733.103+/-364.721 χ^2/NDF:46.3/28

All: -500.434+/-261.216 χ^2/NDF: 83.2/54

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected

Right In: 3777.437+/-2.631 χ^2/NDF: 18508.1/2

Left Out: 1559.504+/-0.259 χ^2/NDF:379160.1/24

Right Out: 4293.808+/-2.335 χ^2/NDF: 317563.6/3

Left In: 1570.331+/-0.266 χ^2/NDF:329434.5/22

Left: 1564.783+/-0.186 χ^2/NDF: 709443.3/47

Right: 4066.291+/-1.747 χ^2/NDF: 357611.8/6

In: 1592.657+/-0.265 χ^2/NDF:1044308.8/25

Out: 1592.848+/-0.258 χ^2/NDF:2050778.5/28

All: 1592.755+/-0.185 χ^2/NDF: 3095087.5/54

asym_sam_26_dd_mean vs Slug, Sign Corrected

Right In: -217.377+/-3719.776 χ^2/NDF: 0.5/2

Left Out: 550.093+/-362.172 χ^2/NDF:35.6/24

Right Out: -3195.294+/-3285.361 χ^2/NDF: 6.4/3

Left In: 43.949+/-371.765 χ^2/NDF:33.5/22

Left: 303.636+/-259.420 χ^2/NDF: 70.0/47

Right: -1890.300+/-2462.435 χ^2/NDF: 7.3/6

In: 41.364+/-369.923 χ^2/NDF:34.1/25

Out: 505.124+/-359.991 χ^2/NDF:43.2/28

All: 279.553+/-257.992 χ^2/NDF: 78.1/54

asym_sam_26_dd_rms vs Slug, Sign Corrected

Right In: 3777.714+/-2.630 χ^2/NDF: 18742.6/2

Left Out: 1541.149+/-0.256 χ^2/NDF:382077.8/24

Right Out: 4267.850+/-2.323 χ^2/NDF: 320406.9/3

Left In: 1551.481+/-0.263 χ^2/NDF:339002.9/22

Left: 1546.180+/-0.183 χ^2/NDF: 721873.3/47

Right: 4053.061+/-1.741 χ^2/NDF: 358656.6/6

In: 1573.498+/-0.262 χ^2/NDF:1067030.9/25

Out: 1573.887+/-0.255 χ^2/NDF:2063594.4/28

All: 1573.698+/-0.182 χ^2/NDF: 3130626.5/54

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected

Right In: 160.502+/-152.345 χ^2/NDF: 2.4/2

Left Out: -24.126+/-12.525 χ^2/NDF:30.7/24

Right Out: -5.991+/-110.807 χ^2/NDF: 2.7/3

Left In: -15.058+/-12.921 χ^2/NDF:23.8/22

Left: -19.733+/-8.993 χ^2/NDF: 54.8/47

Right: 51.614+/-89.611 χ^2/NDF: 5.9/6

In: -13.804+/-12.875 χ^2/NDF:27.6/25

Out: -23.897+/-12.446 χ^2/NDF:33.4/28

All: -19.022+/-8.948 χ^2/NDF: 61.3/54

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected

Right In: 153.397+/-0.108 χ^2/NDF: 30469.3/2

Left Out: 52.942+/-0.009 χ^2/NDF:513146.0/24

Right Out: 144.250+/-0.078 χ^2/NDF: 217160.5/3

Left In: 53.312+/-0.009 χ^2/NDF:644220.1/22

Left: 53.121+/-0.006 χ^2/NDF: 1158211.4/47

Right: 147.415+/-0.063 χ^2/NDF: 252344.9/6

In: 54.027+/-0.009 χ^2/NDF:1531730.4/25

Out: 54.094+/-0.009 χ^2/NDF:2071222.1/28

All: 54.062+/-0.006 χ^2/NDF: 3602980.5/54

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected

Right In: -360.620+/-833.593 χ^2/NDF: 0.4/2

Left Out: -271.240+/-60.285 χ^2/NDF:67.7/24

Right Out: -43.703+/-725.343 χ^2/NDF: 5.5/3

Left In: 7.535+/-60.328 χ^2/NDF:22.9/22

Left: -131.952+/-42.643 χ^2/NDF: 101.2/47

Right: -180.261+/-547.192 χ^2/NDF: 6.0/6

In: 5.616+/-60.170 χ^2/NDF:23.5/25

Out: -269.679+/-60.078 χ^2/NDF:73.2/28

All: -132.244+/-42.514 χ^2/NDF: 107.2/54

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected

Right In: 803.232+/-0.589 χ^2/NDF: 118734.4/2

Left Out: 247.166+/-0.043 χ^2/NDF:2853302.0/24

Right Out: 967.158+/-0.513 χ^2/NDF: 136713.4/3

Left In: 243.189+/-0.043 χ^2/NDF:2571190.8/22

Left: 245.179+/-0.030 χ^2/NDF: 5428841.5/47

Right: 896.523+/-0.387 χ^2/NDF: 299463.4/6

In: 246.107+/-0.043 χ^2/NDF:3587967.1/25

Out: 252.105+/-0.042 χ^2/NDF:4947098.9/28

All: 249.110+/-0.030 χ^2/NDF: 8545019.1/54

asym_sam_37_dd_mean vs Slug, Sign Corrected

Right In: 472.355+/-874.333 χ^2/NDF: 0.7/2

Left Out: 258.044+/-61.488 χ^2/NDF:65.0/24

Right Out: 10.786+/-721.905 χ^2/NDF: 5.3/3

Left In: -40.015+/-61.495 χ^2/NDF:25.0/22

Left: 109.033+/-43.481 χ^2/NDF: 101.8/47

Right: 197.893+/-556.677 χ^2/NDF: 6.2/6

In: -37.493+/-61.344 χ^2/NDF:26.1/25

Out: 256.263+/-61.266 χ^2/NDF:70.4/28

All: 109.572+/-43.349 χ^2/NDF: 108.0/54

asym_sam_37_dd_rms vs Slug, Sign Corrected

Right In: 866.821+/-0.618 χ^2/NDF: 83962.9/2

Left Out: 252.721+/-0.043 χ^2/NDF:2648800.3/24

Right Out: 954.510+/-0.510 χ^2/NDF: 161019.4/3

Left In: 247.919+/-0.043 χ^2/NDF:2374698.8/22

Left: 250.320+/-0.031 χ^2/NDF: 5029597.8/47

Right: 918.963+/-0.394 χ^2/NDF: 256944.6/6

In: 250.965+/-0.043 χ^2/NDF:3455849.6/25

Out: 257.775+/-0.043 χ^2/NDF:4686296.1/28

All: 254.375+/-0.031 χ^2/NDF: 8154486.0/54

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected

Right In: 72.778+/-179.264 χ^2/NDF: 0.6/2

Left Out: 243.442+/-32.738 χ^2/NDF:23.4/24

Right Out: 141.253+/-147.013 χ^2/NDF: 0.2/3

Left In: 260.749+/-33.988 χ^2/NDF:28.5/22

Left: 251.772+/-23.579 χ^2/NDF: 52.0/47

Right: 113.718+/-113.675 χ^2/NDF: 0.8/6

In: 254.227+/-33.393 χ^2/NDF:30.1/25

Out: 238.614+/-31.956 χ^2/NDF:24.0/28

All: 246.077+/-23.088 χ^2/NDF: 54.3/54

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected

Right In: 181.951+/-0.127 χ^2/NDF: 22661.0/2

Left Out: 137.036+/-0.023 χ^2/NDF:1200381.2/24

Right Out: 185.620+/-0.104 χ^2/NDF: 468364.7/3

Left In: 139.966+/-0.024 χ^2/NDF:838127.9/22

Left: 138.446+/-0.017 χ^2/NDF: 2046220.3/47

Right: 184.145+/-0.080 χ^2/NDF: 491526.8/6

In: 141.423+/-0.024 χ^2/NDF:966688.8/25

Out: 139.331+/-0.023 χ^2/NDF:1876858.3/28

All: 140.331+/-0.016 χ^2/NDF: 2847642.8/54

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 321.083+/-2117.247 χ^2/NDF: 0.1/2

Left Out: -1004.364+/-222.387 χ^2/NDF:44.7/24

Right Out: 1258.506+/-1836.659 χ^2/NDF: 5.6/3

Left In: 198.654+/-225.997 χ^2/NDF:24.6/22

Left: -412.541+/-158.512 χ^2/NDF: 83.7/47

Right: 855.985+/-1387.388 χ^2/NDF: 5.8/6

In: 200.033+/-224.721 χ^2/NDF:24.8/25

Out: -971.668+/-220.775 χ^2/NDF:51.7/28

All: -396.195+/-157.488 χ^2/NDF: 90.3/54

Right In: 2131.469+/-1.497 χ^2/NDF: 48157.7/2

Left Out: 938.988+/-0.157 χ^2/NDF:828400.0/24

Right Out: 2324.254+/-1.299 χ^2/NDF: 450868.2/3

Left In: 938.755+/-0.160 χ^2/NDF:611419.0/22

Left: 938.874+/-0.112 χ^2/NDF: 1439820.2/47

Right: 2241.474+/-0.981 χ^2/NDF: 508487.7/6

In: 952.191+/-0.159 χ^2/NDF:1287113.6/25

Out: 959.004+/-0.156 χ^2/NDF:2400558.1/28

All: 955.658+/-0.111 χ^2/NDF: 3688607.1/54

asym_sam_48_dd_mean vs Slug, Sign Corrected

Right In: -285.813+/-2133.654 χ^2/NDF: 0.2/2

Left Out: 1264.940+/-220.626 χ^2/NDF:45.5/24

Right Out: -1169.911+/-1828.848 χ^2/NDF: 5.3/3

Left In: 53.940+/-224.371 χ^2/NDF:26.4/22

Left: 669.631+/-157.313 χ^2/NDF: 86.8/47

Right: -795.469+/-1388.565 χ^2/NDF: 5.6/6

In: 50.224+/-223.140 χ^2/NDF:26.6/25

Out: 1230.013+/-219.038 χ^2/NDF:52.6/28

All: 651.064+/-156.313 χ^2/NDF: 93.5/54

asym_sam_48_dd_rms vs Slug, Sign Corrected

Right In: 2146.001+/-1.509 χ^2/NDF: 51609.2/2

Left Out: 932.170+/-0.156 χ^2/NDF:828733.8/24

Right Out: 2305.127+/-1.293 χ^2/NDF: 455527.0/3

Left In: 930.854+/-0.159 χ^2/NDF:621985.5/22

Left: 931.523+/-0.111 χ^2/NDF: 1450754.2/47

Right: 2237.732+/-0.982 χ^2/NDF: 513548.9/6

In: 944.144+/-0.158 χ^2/NDF:1315192.8/25

Out: 951.864+/-0.155 χ^2/NDF:2395259.5/28

All: 948.076+/-0.111 χ^2/NDF: 3711671.5/54

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected

Right In: 45.236+/-86.612 χ^2/NDF: 3.1/2

Left Out: -98.557+/-14.525 χ^2/NDF:35.2/24

Right Out: -23.191+/-65.409 χ^2/NDF: 2.2/3

Left In: -93.899+/-15.039 χ^2/NDF:19.3/22

Left: -96.309+/-10.448 χ^2/NDF: 54.6/47

Right: 1.661+/-52.197 χ^2/NDF: 5.7/6

In: -89.827+/-14.817 χ^2/NDF:24.9/25

Out: -95.015+/-14.180 χ^2/NDF:38.7/28

All: -92.535+/-10.244 χ^2/NDF: 63.7/54

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected

Right In: 88.218+/-0.061 χ^2/NDF: 5967.6/2

Left Out: 61.827+/-0.010 χ^2/NDF:313572.8/24

Right Out: 85.588+/-0.046 χ^2/NDF: 211812.1/3

Left In: 62.827+/-0.011 χ^2/NDF:187007.2/22

Left: 62.310+/-0.007 χ^2/NDF: 505157.6/47

Right: 86.543+/-0.037 χ^2/NDF: 218954.6/6

In: 63.570+/-0.010 χ^2/NDF:359826.7/25

Out: 62.944+/-0.010 χ^2/NDF:776901.1/28

All: 63.243+/-0.007 χ^2/NDF: 1138595.6/54

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected

Right In: -54.383+/-738.645 χ^2/NDF: 0.7/2

Left Out: -94.907+/-82.850 χ^2/NDF:31.6/24

Right Out: 347.661+/-629.930 χ^2/NDF: 6.4/3

Left In: -73.914+/-84.652 χ^2/NDF:36.4/22

Left: -84.636+/-59.211 χ^2/NDF: 68.0/47

Right: 178.376+/-479.301 χ^2/NDF: 7.3/6

In: -73.661+/-84.102 χ^2/NDF:37.1/25

Out: -87.381+/-82.142 χ^2/NDF:38.5/28

All: -80.683+/-58.764 χ^2/NDF: 75.6/54

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected

Right In: 741.303+/-0.522 χ^2/NDF: 44172.4/2

Left Out: 352.403+/-0.059 χ^2/NDF:418506.2/24

Right Out: 795.055+/-0.445 χ^2/NDF: 494023.5/3

Left In: 353.197+/-0.060 χ^2/NDF:321761.0/22

Left: 352.791+/-0.042 χ^2/NDF: 740357.2/47

Right: 772.422+/-0.339 χ^2/NDF: 544327.4/6

In: 358.228+/-0.059 χ^2/NDF:910929.2/25

Out: 359.929+/-0.058 χ^2/NDF:1883314.8/28

All: 359.099+/-0.042 χ^2/NDF: 2794662.7/54

asym_sam_13_57_dd_mean vs Slug, Sign Corrected

Right In: -0.564+/-735.709 χ^2/NDF: 0.9/2

Left Out: -12.545+/-79.984 χ^2/NDF:27.3/24

Right Out: -438.853+/-615.237 χ^2/NDF: 5.9/3

Left In: -31.531+/-81.476 χ^2/NDF:34.8/22

Left: -21.863+/-57.077 χ^2/NDF: 62.2/47

Right: -258.485+/-471.960 χ^2/NDF: 7.1/6

In: -31.156+/-80.981 χ^2/NDF:35.7/25

Out: -19.630+/-79.317 χ^2/NDF:33.8/28

All: -25.273+/-56.665 χ^2/NDF: 69.5/54

asym_sam_13_57_dd_rms vs Slug, Sign Corrected

Right In: 739.309+/-0.520 χ^2/NDF: 45045.0/2

Left Out: 340.018+/-0.057 χ^2/NDF:465345.1/24

Right Out: 772.220+/-0.435 χ^2/NDF: 515119.4/3

Left In: 339.571+/-0.058 χ^2/NDF:377816.0/22

Left: 339.799+/-0.040 χ^2/NDF: 843191.8/47

Right: 758.676+/-0.334 χ^2/NDF: 562519.6/6

In: 344.414+/-0.057 χ^2/NDF:1006139.0/25

Out: 347.202+/-0.056 χ^2/NDF:1951061.8/28

All: 345.837+/-0.040 χ^2/NDF: 2958410.3/54

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected

Right In: 51.373+/-95.999 χ^2/NDF: 0.4/2

Left Out: -32.964+/-10.578 χ^2/NDF:48.0/24

Right Out: 61.153+/-80.638 χ^2/NDF: 0.3/3

Left In: -31.144+/-10.958 χ^2/NDF:23.4/22

Left: -32.086+/-7.610 χ^2/NDF: 71.5/47

Right: 57.107+/-61.746 χ^2/NDF: 0.8/6

In: -30.083+/-10.887 χ^2/NDF:24.6/25

Out: -31.372+/-10.488 χ^2/NDF:49.7/28

All: -30.751+/-7.553 χ^2/NDF: 74.3/54

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected

Right In: 97.886+/-0.068 χ^2/NDF: 1559.7/2

Left Out: 44.862+/-0.007 χ^2/NDF:415524.3/24

Right Out: 101.300+/-0.057 χ^2/NDF: 483250.3/3

Left In: 45.465+/-0.008 χ^2/NDF:457021.7/22

Left: 45.153+/-0.005 χ^2/NDF: 875681.9/47

Right: 99.887+/-0.044 χ^2/NDF: 486292.7/6

In: 46.139+/-0.008 χ^2/NDF:1047268.7/25

Out: 45.817+/-0.007 χ^2/NDF:1861878.6/28

All: 45.972+/-0.005 χ^2/NDF: 2910058.2/54

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected

Right In: -174.417+/-1001.860 χ^2/NDF: 0.4/2

Left Out: 192.946+/-70.968 χ^2/NDF:45.8/24

Right Out: -974.977+/-850.088 χ^2/NDF: 5.8/3

Left In: 10.801+/-72.300 χ^2/NDF:30.2/22

Left: 103.567+/-50.646 χ^2/NDF: 79.3/47

Right: -639.868+/-648.192 χ^2/NDF: 6.6/6

In: 9.841+/-72.113 χ^2/NDF:30.6/25

Out: 184.863+/-70.722 χ^2/NDF:53.5/28

All: 99.056+/-50.492 χ^2/NDF: 87.2/54

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected

Right In: 1021.002+/-0.708 χ^2/NDF: 11621.4/2

Left Out: 296.383+/-0.050 χ^2/NDF:1635498.4/24

Right Out: 1144.979+/-0.601 χ^2/NDF: 78766.5/3

Left In: 297.137+/-0.051 χ^2/NDF:1320750.3/22

Left: 296.753+/-0.036 χ^2/NDF: 2956359.4/47

Right: 1093.083+/-0.458 χ^2/NDF: 108194.3/6

In: 300.887+/-0.051 χ^2/NDF:2371037.0/25

Out: 302.257+/-0.050 χ^2/NDF:3693456.0/28

All: 301.585+/-0.036 χ^2/NDF: 6064860.5/54

asym_sam_15_37_dd_mean vs Slug, Sign Corrected

Right In: 202.966+/-1001.620 χ^2/NDF: 0.4/2

Left Out: -247.108+/-71.218 χ^2/NDF:43.6/24

Right Out: 935.179+/-834.356 χ^2/NDF: 5.2/3

Left In: -61.707+/-72.478 χ^2/NDF:30.3/22

Left: -156.032+/-50.798 χ^2/NDF: 77.2/47

Right: 635.231+/-641.073 χ^2/NDF: 6.0/6

In: -60.328+/-72.289 χ^2/NDF:30.8/25

Out: -238.556+/-70.960 χ^2/NDF:50.8/28

All: -151.095+/-50.639 χ^2/NDF: 84.7/54

asym_sam_15_37_dd_rms vs Slug, Sign Corrected

Right In: 1021.112+/-0.708 χ^2/NDF: 13929.3/2

Left Out: 297.273+/-0.050 χ^2/NDF:1627904.5/24

Right Out: 1113.413+/-0.590 χ^2/NDF: 94527.8/3

Left In: 297.696+/-0.051 χ^2/NDF:1274607.7/22

Left: 297.481+/-0.036 χ^2/NDF: 2902547.0/47

Right: 1075.602+/-0.453 χ^2/NDF: 118483.7/6

In: 301.464+/-0.051 χ^2/NDF:2326379.9/25

Out: 303.176+/-0.050 χ^2/NDF:3622215.4/28

All: 302.336+/-0.036 χ^2/NDF: 5949166.4/54

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected

Right In: 165.009+/-120.511 χ^2/NDF: 0.3/2

Left Out: -17.764+/-21.121 χ^2/NDF:25.5/24

Right Out: 25.715+/-100.358 χ^2/NDF: 0.6/3

Left In: 2.505+/-21.582 χ^2/NDF:18.0/22

Left: -7.848+/-15.095 χ^2/NDF: 44.0/47

Right: 82.757+/-77.118 χ^2/NDF: 1.7/6

In: 7.555+/-21.244 χ^2/NDF:20.1/25

Out: -15.920+/-20.668 χ^2/NDF:26.3/28

All: -4.505+/-14.814 χ^2/NDF: 47.0/54

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected

Right In: 122.734+/-0.085 χ^2/NDF: 3365.4/2

Left Out: 88.991+/-0.015 χ^2/NDF:807471.2/24

Right Out: 128.634+/-0.071 χ^2/NDF: 345429.7/3

Left In: 89.321+/-0.015 χ^2/NDF:560433.9/22

Left: 89.152+/-0.011 χ^2/NDF: 1368144.9/47

Right: 126.218+/-0.055 χ^2/NDF: 351625.0/6

In: 90.360+/-0.015 χ^2/NDF:712769.6/25

Out: 90.672+/-0.015 χ^2/NDF:1451742.5/28

All: 90.520+/-0.010 χ^2/NDF: 2164734.2/54

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected

Right In: 92.699+/-2726.835 χ^2/NDF: 0.3/2

Left Out: -871.061+/-205.986 χ^2/NDF:57.6/24

Right Out: 1879.141+/-2228.683 χ^2/NDF: 4.1/3

Left In: -20.573+/-210.177 χ^2/NDF:29.7/22

Left: -454.381+/-147.113 χ^2/NDF: 95.6/47

Right: 1163.705+/-1725.638 χ^2/NDF: 4.6/6

In: -19.905+/-209.555 χ^2/NDF:30.0/25

Out: -847.767+/-205.111 χ^2/NDF:63.2/28

All: -442.706+/-146.581 χ^2/NDF: 101.2/54

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected

Right In: 2775.538+/-1.928 χ^2/NDF: 11228.9/2

Left Out: 871.690+/-0.146 χ^2/NDF:642403.4/24

Right Out: 3035.939+/-1.576 χ^2/NDF: 3395.7/3

Left In: 874.055+/-0.149 χ^2/NDF:578510.6/22

Left: 872.849+/-0.104 χ^2/NDF: 1221043.2/47

Right: 2931.653+/-1.220 χ^2/NDF: 25559.2/6

In: 885.285+/-0.148 χ^2/NDF:1556513.0/25

Out: 890.022+/-0.145 χ^2/NDF:2515850.6/28

All: 887.704+/-0.104 χ^2/NDF: 4072885.4/54

asym_sam_24_68_dd_mean vs Slug, Sign Corrected

Right In: 25.935+/-2738.514 χ^2/NDF: 0.3/2

Left Out: 875.084+/-205.572 χ^2/NDF:55.1/24

Right Out: -1866.153+/-2230.511 χ^2/NDF: 3.8/3

Left In: 41.523+/-210.209 χ^2/NDF:28.1/22

Left: 467.597+/-146.973 χ^2/NDF: 91.2/47

Right: -1111.544+/-1729.439 χ^2/NDF: 4.4/6

In: 41.432+/-209.592 χ^2/NDF:28.5/25

Out: 851.995+/-204.705 χ^2/NDF:60.3/28

All: 456.274+/-146.445 χ^2/NDF: 96.5/54

asym_sam_24_68_dd_rms vs Slug, Sign Corrected

Right In: 2788.655+/-1.936 χ^2/NDF: 10862.3/2

Left Out: 870.853+/-0.145 χ^2/NDF:651805.6/24

Right Out: 3035.008+/-1.577 χ^2/NDF: 5452.8/3

Left In: 873.902+/-0.149 χ^2/NDF:583344.5/22

Left: 872.344+/-0.104 χ^2/NDF: 1235365.2/47

Right: 2936.757+/-1.223 χ^2/NDF: 26045.2/6

In: 885.118+/-0.148 χ^2/NDF:1566224.5/25

Out: 889.081+/-0.145 χ^2/NDF:2524173.8/28

All: 887.146+/-0.104 χ^2/NDF: 4090764.2/54

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected

Right In: 30.127+/-107.228 χ^2/NDF: 0.4/2

Left Out: -15.956+/-23.377 χ^2/NDF:34.9/24

Right Out: -50.482+/-85.803 χ^2/NDF: 0.6/3

Left In: -11.570+/-24.412 χ^2/NDF:24.0/22

Left: -13.858+/-16.884 χ^2/NDF: 58.9/47

Right: -19.016+/-66.995 χ^2/NDF: 1.4/6

In: -9.515+/-23.803 χ^2/NDF:24.5/25

Out: -18.341+/-22.555 χ^2/NDF:35.7/28

All: -14.166+/-16.372 χ^2/NDF: 60.3/54

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected

Right In: 107.667+/-0.076 χ^2/NDF: 67485.8/2

Left Out: 98.001+/-0.017 χ^2/NDF:1155021.9/24

Right Out: 109.866+/-0.061 χ^2/NDF: 370403.9/3

Left In: 100.704+/-0.017 χ^2/NDF:759922.8/22

Left: 99.294+/-0.012 χ^2/NDF: 1927728.9/47

Right: 109.008+/-0.047 χ^2/NDF: 438402.6/6

In: 101.047+/-0.017 χ^2/NDF:835427.6/25

Out: 98.821+/-0.016 χ^2/NDF:1561027.4/28

All: 99.874+/-0.012 χ^2/NDF: 2405667.5/54

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 57.639+/-631.222 χ^2/NDF: 0.3/2

Left Out: -0.000+/-0.000 χ^2/NDF:39.9/24

Right Out: -460.189+/-532.817 χ^2/NDF: 4.0/3

Left In: -129.094+/-124.247 χ^2/NDF:28.3/22

Left: -0.000+/-0.000 χ^2/NDF: 69.3/47

Right: -244.741+/-407.156 χ^2/NDF: 4.7/6

In: -122.129+/-121.908 χ^2/NDF:28.7/25

Out: -0.000+/-0.000 χ^2/NDF:44.6/28

All: -0.000+/-0.000 χ^2/NDF: 74.3/54

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 622.060+/-0.446 χ^2/NDF: 113374.4/2

Left Out: 0.000+/-0.000 χ^2/NDF:34974091.9/24

Right Out: 647.135+/-0.377 χ^2/NDF: 659061.0/3

Left In: 516.120+/-0.088 χ^2/NDF:571744.7/22

Left: 0.000+/-0.000 χ^2/NDF: 70057167.0/47

Right: 636.702+/-0.288 χ^2/NDF: 774278.2/6

In: 520.072+/-0.086 χ^2/NDF:739354.0/25

Out: 0.000+/-0.000 χ^2/NDF:38583440.1/28

All: 0.000+/-0.000 χ^2/NDF: 75722251.5/54

asym_sam_26_48_dd_mean vs Slug, Sign Corrected

Right In: 0.351+/-616.586 χ^2/NDF: 0.4/2

Left Out: -473.870+/-117.977 χ^2/NDF:27.9/24

Right Out: 327.497+/-538.697 χ^2/NDF: 3.8/3

Left In: 124.022+/-120.216 χ^2/NDF:30.2/22

Left: -180.543+/-84.203 χ^2/NDF: 70.7/47

Right: 185.880+/-405.677 χ^2/NDF: 4.3/6

In: 119.493+/-117.994 χ^2/NDF:30.6/25

Out: -437.194+/-115.246 χ^2/NDF:33.8/28

All: -165.409+/-82.446 χ^2/NDF: 75.8/54

asym_sam_26_48_dd_rms vs Slug, Sign Corrected

Right In: 606.403+/-0.436 χ^2/NDF: 120440.6/2

Left Out: 498.662+/-0.083 χ^2/NDF:734652.4/24

Right Out: 654.535+/-0.381 χ^2/NDF: 657825.5/3

Left In: 498.835+/-0.085 χ^2/NDF:572334.3/22

Left: 498.747+/-0.060 χ^2/NDF: 1306988.8/47

Right: 633.699+/-0.287 χ^2/NDF: 785177.9/6

In: 502.774+/-0.083 χ^2/NDF:751416.3/25

Out: 505.796+/-0.081 χ^2/NDF:1552262.8/28

All: 504.321+/-0.058 χ^2/NDF: 2304350.6/54

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected

Right In: -53.879+/-145.281 χ^2/NDF: 0.1/2

Left Out: 25.940+/-28.120 χ^2/NDF:22.7/24

Right Out: 85.462+/-112.891 χ^2/NDF: 0.0/3

Left In: 59.603+/-29.184 χ^2/NDF:25.6/22

Left: 42.147+/-20.250 χ^2/NDF: 49.0/47

Right: 33.002+/-89.142 χ^2/NDF: 0.7/6

In: 55.202+/-28.612 χ^2/NDF:26.3/25

Out: 29.417+/-27.287 χ^2/NDF:23.0/28

All: 41.698+/-19.747 χ^2/NDF: 49.7/54

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected

Right In: 148.202+/-0.103 χ^2/NDF: 15246.0/2

Left Out: 116.427+/-0.020 χ^2/NDF:1589669.4/24

Right Out: 141.205+/-0.080 χ^2/NDF: 568253.7/3

Left In: 118.822+/-0.021 χ^2/NDF:1289178.7/22

Left: 117.580+/-0.014 χ^2/NDF: 2885830.3/47

Right: 143.839+/-0.063 χ^2/NDF: 586392.1/6

In: 119.961+/-0.020 χ^2/NDF:1383044.7/25

Out: 117.875+/-0.019 χ^2/NDF:2248639.7/28

All: 118.869+/-0.014 χ^2/NDF: 3637254.6/54

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected

Right In: 189.522+/-1464.575 χ^2/NDF: 0.1/2

Left Out: -791.963+/-165.971 χ^2/NDF:43.6/24

Right Out: 867.954+/-1282.236 χ^2/NDF: 5.3/3

Left In: 185.191+/-169.174 χ^2/NDF:23.4/22

Left: -312.725+/-118.475 χ^2/NDF: 84.0/47

Right: 573.576+/-964.742 χ^2/NDF: 5.5/6

In: 185.248+/-168.057 χ^2/NDF:23.5/25

Out: -764.610+/-164.598 χ^2/NDF:50.6/28

All: -299.558+/-117.592 χ^2/NDF: 90.4/54

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected

Right In: 1481.085+/-1.036 χ^2/NDF: 34870.3/2

Left Out: 702.152+/-0.117 χ^2/NDF:691552.2/24

Right Out: 1627.687+/-0.907 χ^2/NDF: 426110.4/3

Left In: 703.710+/-0.120 χ^2/NDF:533573.3/22

Left: 702.916+/-0.084 χ^2/NDF: 1225211.9/47

Right: 1564.075+/-0.682 χ^2/NDF: 472325.0/6

In: 713.945+/-0.119 χ^2/NDF:1124491.0/25

Out: 717.403+/-0.116 χ^2/NDF:2142520.6/28

All: 715.710+/-0.083 χ^2/NDF: 3267443.7/54

asym_sam_1548_avg_mean vs Slug, Sign Corrected

Right In: -214.933+/-1477.073 χ^2/NDF: 0.1/2

Left Out: 832.553+/-163.428 χ^2/NDF:43.8/24

Right Out: -780.850+/-1277.304 χ^2/NDF: 5.1/3

Left In: -128.120+/-166.866 χ^2/NDF:25.3/22

Left: 362.214+/-116.758 χ^2/NDF: 86.0/47

Right: -538.722+/-966.159 χ^2/NDF: 5.3/6

In: -129.214+/-165.811 χ^2/NDF:25.4/25

Out: 806.566+/-162.107 χ^2/NDF:50.5/28

All: 349.246+/-115.914 χ^2/NDF: 92.2/54

asym_sam_1548_avg_rms vs Slug, Sign Corrected

Right In: 1492.848+/-1.044 χ^2/NDF: 37815.1/2

Left Out: 692.071+/-0.116 χ^2/NDF:657636.6/24

Right Out: 1618.623+/-0.903 χ^2/NDF: 428050.3/3

Left In: 693.615+/-0.118 χ^2/NDF:520692.6/22

Left: 692.827+/-0.083 χ^2/NDF: 1178416.7/47

Right: 1564.810+/-0.683 χ^2/NDF: 474162.5/6

In: 703.687+/-0.117 χ^2/NDF:1136690.2/25

Out: 706.995+/-0.115 χ^2/NDF:2121138.0/28

All: 705.378+/-0.082 χ^2/NDF: 3258235.1/54

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected

Right In: -88.018+/-204.626 χ^2/NDF: 0.3/2

Left Out: 53.701+/-27.462 χ^2/NDF:19.2/24

Right Out: 24.743+/-165.808 χ^2/NDF: 0.0/3

Left In: 88.085+/-28.764 χ^2/NDF:30.4/22

Left: 70.097+/-19.863 χ^2/NDF: 50.3/47

Right: -19.950+/-128.825 χ^2/NDF: 0.5/6

In: 84.672+/-28.484 χ^2/NDF:31.3/25

Out: 52.928+/-27.093 χ^2/NDF:19.3/28

All: 68.006+/-19.631 χ^2/NDF: 51.3/54

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected

Right In: 208.898+/-0.145 χ^2/NDF: 846.9/2

Left Out: 112.668+/-0.019 χ^2/NDF:1851455.7/24

Right Out: 211.469+/-0.117 χ^2/NDF: 398026.7/3

Left In: 116.108+/-0.020 χ^2/NDF:1438879.3/22

Left: 114.308+/-0.014 χ^2/NDF: 3305297.3/47

Right: 210.450+/-0.091 χ^2/NDF: 399064.3/6

In: 117.906+/-0.020 χ^2/NDF:1843013.7/25

Out: 115.306+/-0.019 χ^2/NDF:2940656.1/28

All: 116.541+/-0.014 χ^2/NDF: 4792416.7/54

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected

Right In: 312.440+/-2399.491 χ^2/NDF: 0.1/2

Left Out: -946.412+/-188.668 χ^2/NDF:63.3/24

Right Out: 862.132+/-2094.204 χ^2/NDF: 5.5/3

Left In: 164.202+/-191.131 χ^2/NDF:22.0/22

Left: -398.306+/-134.271 χ^2/NDF: 102.4/47

Right: 624.459+/-1577.791 χ^2/NDF: 5.6/6

In: 165.136+/-190.527 χ^2/NDF:22.1/25

Out: -931.852+/-187.907 χ^2/NDF:69.6/28

All: -390.952+/-133.787 χ^2/NDF: 108.5/54

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected

Right In: 2445.674+/-1.697 χ^2/NDF: 13710.3/2

Left Out: 793.154+/-0.133 χ^2/NDF:1158856.1/24

Right Out: 2755.766+/-1.481 χ^2/NDF: 215425.9/3

Left In: 789.699+/-0.135 χ^2/NDF:1019959.0/22

Left: 791.449+/-0.095 χ^2/NDF: 2179146.2/47

Right: 2621.690+/-1.116 χ^2/NDF: 248095.9/6

In: 800.140+/-0.135 χ^2/NDF:1980238.9/25

Out: 808.955+/-0.133 χ^2/NDF:3116690.6/28

All: 804.609+/-0.095 χ^2/NDF: 5099100.0/54

asym_sam_3748_avg_mean vs Slug, Sign Corrected

Right In: -413.499+/-2414.839 χ^2/NDF: 0.1/2

Left Out: 1035.605+/-187.244 χ^2/NDF:61.4/24

Right Out: -841.309+/-2070.009 χ^2/NDF: 5.4/3

Left In: -70.852+/-190.155 χ^2/NDF:23.4/22

Left: 490.913+/-133.419 χ^2/NDF: 101.9/47

Right: -660.104+/-1571.621 χ^2/NDF: 5.6/6

In: -72.963+/-189.569 χ^2/NDF:23.6/25

Out: 1020.372+/-186.482 χ^2/NDF:67.6/28

All: 482.677+/-132.941 χ^2/NDF: 108.1/54

asym_sam_3748_avg_rms vs Slug, Sign Corrected

Right In: 2460.045+/-1.708 χ^2/NDF: 15294.5/2

Left Out: 787.981+/-0.132 χ^2/NDF:1113986.0/24

Right Out: 2713.474+/-1.464 χ^2/NDF: 219258.5/3

Left In: 785.179+/-0.134 χ^2/NDF:976942.0/22

Left: 786.602+/-0.094 χ^2/NDF: 2091148.6/47

Right: 2606.130+/-1.111 χ^2/NDF: 247250.5/6

In: 795.500+/-0.134 χ^2/NDF:1948393.0/25

Out: 803.608+/-0.132 χ^2/NDF:3049690.0/28

All: 799.621+/-0.094 χ^2/NDF: 4999942.2/54

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected

Right In: -45.009+/-133.923 χ^2/NDF: 0.2/2

Left Out: 14.879+/-15.529 χ^2/NDF:25.8/24

Right Out: 24.896+/-108.581 χ^2/NDF: 0.4/3

Left In: 41.428+/-16.130 χ^2/NDF:21.7/22

Left: 27.650+/-11.187 χ^2/NDF: 48.9/47

Right: -2.830+/-84.342 χ^2/NDF: 0.8/6

In: 40.192+/-16.015 χ^2/NDF:22.3/25

Out: 15.080+/-15.373 χ^2/NDF:26.3/28

All: 27.123+/-11.090 χ^2/NDF: 49.9/54

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected

Right In: 135.992+/-0.095 χ^2/NDF: 16399.7/2

Left Out: 64.680+/-0.011 χ^2/NDF:1150386.4/24

Right Out: 134.903+/-0.077 χ^2/NDF: 579686.9/3

Left In: 66.016+/-0.011 χ^2/NDF:868433.2/22

Left: 65.322+/-0.008 χ^2/NDF: 2025941.7/47

Right: 135.335+/-0.060 χ^2/NDF: 596166.4/6

In: 67.017+/-0.011 χ^2/NDF:1423053.1/25

Out: 66.087+/-0.011 χ^2/NDF:2549832.5/28

All: 66.533+/-0.008 χ^2/NDF: 3976389.4/54

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected

Right In: 129.677+/-856.703 χ^2/NDF: 0.2/2

Left Out: -281.407+/-59.534 χ^2/NDF:66.5/24

Right Out: 185.323+/-747.527 χ^2/NDF: 5.1/3

Left In: 42.368+/-60.284 χ^2/NDF:24.7/22

Left: -121.547+/-42.360 χ^2/NDF: 105.8/47

Right: 161.269+/-563.252 χ^2/NDF: 5.2/6

In: 42.798+/-60.135 χ^2/NDF:24.9/25

Out: -278.465+/-59.346 χ^2/NDF:71.9/28

All: -119.956+/-42.240 χ^2/NDF: 111.3/54

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected

Right In: 869.861+/-0.606 χ^2/NDF: 33595.8/2

Left Out: 248.297+/-0.042 χ^2/NDF:1687698.9/24

Right Out: 1006.682+/-0.529 χ^2/NDF: 59594.0/3

Left In: 247.105+/-0.043 χ^2/NDF:1539330.1/22

Left: 247.709+/-0.030 χ^2/NDF: 3227424.3/47

Right: 947.540+/-0.398 χ^2/NDF: 122151.6/6

In: 250.174+/-0.043 χ^2/NDF:2624546.8/25

Out: 253.077+/-0.042 χ^2/NDF:3792842.3/28

All: 251.644+/-0.030 χ^2/NDF: 6419749.9/54

asym_sam_1526_avg_mean vs Slug, Sign Corrected

Right In: -98.770+/-894.884 χ^2/NDF: 0.2/2

Left Out: 302.420+/-60.991 χ^2/NDF:63.8/24

Right Out: -333.095+/-750.114 χ^2/NDF: 4.2/3

Left In: 7.915+/-61.726 χ^2/NDF:26.3/22

Left: 156.931+/-43.384 χ^2/NDF: 101.6/47

Right: -236.396+/-574.868 χ^2/NDF: 4.5/6

In: 7.410+/-61.579 χ^2/NDF:26.5/25

Out: 298.246+/-60.790 χ^2/NDF:68.8/28

All: 154.704+/-43.261 χ^2/NDF: 106.6/54

asym_sam_1526_avg_rms vs Slug, Sign Corrected

Right In: 911.265+/-0.633 χ^2/NDF: 20184.1/2

Left Out: 254.937+/-0.043 χ^2/NDF:1541708.7/24

Right Out: 994.294+/-0.530 χ^2/NDF: 135946.6/3

Left In: 253.170+/-0.044 χ^2/NDF:1366527.6/22

Left: 254.064+/-0.031 χ^2/NDF: 2909065.8/47

Right: 960.031+/-0.406 χ^2/NDF: 166242.7/6

In: 256.286+/-0.044 χ^2/NDF:2463209.2/25

Out: 259.793+/-0.043 χ^2/NDF:3607942.0/28

All: 258.062+/-0.031 χ^2/NDF: 6074436.3/54

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected

Right In: -92.200+/-207.947 χ^2/NDF: 0.1/2

Left Out: 44.746+/-20.460 χ^2/NDF:30.5/24

Right Out: -23.826+/-172.567 χ^2/NDF: 0.1/3

Left In: 71.620+/-21.469 χ^2/NDF:23.7/22

Left: 57.537+/-14.811 χ^2/NDF: 55.0/47

Right: -51.710+/-132.796 χ^2/NDF: 0.2/6

In: 69.893+/-21.355 χ^2/NDF:24.4/25

Out: 43.795+/-20.317 χ^2/NDF:30.8/28

All: 56.194+/-14.720 χ^2/NDF: 55.9/54

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected

Right In: 211.845+/-0.147 χ^2/NDF: 2391.7/2

Left Out: 84.793+/-0.014 χ^2/NDF:1382881.3/24

Right Out: 221.670+/-0.122 χ^2/NDF: 344814.2/3

Left In: 87.477+/-0.015 χ^2/NDF:1056450.2/22

Left: 86.070+/-0.010 χ^2/NDF: 2455720.1/47

Right: 217.663+/-0.094 χ^2/NDF: 349850.2/6

In: 88.789+/-0.015 χ^2/NDF:1766682.0/25

Out: 86.690+/-0.014 χ^2/NDF:2968538.5/28

All: 87.687+/-0.010 χ^2/NDF: 4745360.8/54

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected

Right In: 252.925+/-1844.259 χ^2/NDF: 0.2/2

Left Out: -442.284+/-115.425 χ^2/NDF:60.9/24

Right Out: 1218.031+/-1512.571 χ^2/NDF: 4.0/3

Left In: 19.322+/-116.820 χ^2/NDF:29.5/22

Left: -214.255+/-82.107 χ^2/NDF: 98.3/47

Right: 829.918+/-1169.536 χ^2/NDF: 4.4/6

In: 20.255+/-116.587 χ^2/NDF:29.7/25

Out: -432.672+/-115.090 χ^2/NDF:66.1/28

All: -209.134+/-81.905 χ^2/NDF: 103.5/54

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected

Right In: 1880.135+/-1.304 χ^2/NDF: 18233.7/2

Left Out: 475.415+/-0.082 χ^2/NDF:2509706.1/24

Right Out: 2056.583+/-1.070 χ^2/NDF: 6699.9/3

Left In: 473.947+/-0.083 χ^2/NDF:2174476.6/22

Left: 474.690+/-0.058 χ^2/NDF: 4684342.6/47

Right: 1985.625+/-0.827 χ^2/NDF: 35878.6/6

In: 479.566+/-0.082 χ^2/NDF:3350779.0/25

Out: 484.570+/-0.081 χ^2/NDF:4689271.3/28

All: 482.100+/-0.058 χ^2/NDF: 8041915.9/54

asym_sam_3726_avg_mean vs Slug, Sign Corrected

Right In: -273.822+/-1879.318 χ^2/NDF: 0.3/2

Left Out: 495.259+/-115.521 χ^2/NDF:57.2/24

Right Out: -1218.252+/-1499.773 χ^2/NDF: 3.5/3

Left In: 72.627+/-116.927 χ^2/NDF:29.1/22

Left: 286.499+/-82.178 χ^2/NDF: 92.8/47

Right: -850.795+/-1172.245 χ^2/NDF: 4.0/6

In: 71.291+/-116.702 χ^2/NDF:29.4/25

Out: 485.153+/-115.180 χ^2/NDF:62.0/28

All: 280.937+/-81.977 χ^2/NDF: 97.8/54

asym_sam_3726_avg_rms vs Slug, Sign Corrected

Right In: 1916.239+/-1.329 χ^2/NDF: 15639.5/2

Left Out: 476.057+/-0.082 χ^2/NDF:2461838.6/24

Right Out: 2026.438+/-1.060 χ^2/NDF: 8918.8/3

Left In: 473.824+/-0.083 χ^2/NDF:2113753.1/22

Left: 474.954+/-0.058 χ^2/NDF: 4575960.9/47

Right: 1983.562+/-0.829 χ^2/NDF: 28759.4/6

In: 479.386+/-0.083 χ^2/NDF:3303025.8/25

Out: 485.201+/-0.081 χ^2/NDF:4595404.6/28

All: 482.332+/-0.058 χ^2/NDF: 7900945.9/54

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected

Right In: 42.326+/-88.782 χ^2/NDF: 0.8/2

Left Out: -21.397+/-14.800 χ^2/NDF:20.9/24

Right Out: -5.196+/-71.430 χ^2/NDF: 0.6/3

Left In: -28.435+/-15.494 χ^2/NDF:26.2/22

Left: -24.755+/-10.702 χ^2/NDF: 47.2/47

Right: 13.477+/-55.654 χ^2/NDF: 1.5/6

In: -26.343+/-15.263 χ^2/NDF:27.6/25

Out: -20.730+/-14.492 χ^2/NDF:21.5/28

All: -23.392+/-10.509 χ^2/NDF: 49.2/54

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected

Right In: 90.331+/-0.063 χ^2/NDF: 18482.0/2

Left Out: 60.551+/-0.010 χ^2/NDF:1951663.1/24

Right Out: 92.623+/-0.051 χ^2/NDF: 282407.9/3

Left In: 62.435+/-0.011 χ^2/NDF:1445748.2/22

Left: 61.450+/-0.008 χ^2/NDF: 3412871.1/47

Right: 91.723+/-0.039 χ^2/NDF: 301699.0/6

In: 63.259+/-0.011 χ^2/NDF:1655858.9/25

Out: 61.871+/-0.010 χ^2/NDF:2620695.7/28

All: 62.529+/-0.007 χ^2/NDF: 4285254.2/54

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected

Right In: -176.513+/-1340.223 χ^2/NDF: 0.1/2

Left Out: 526.705+/-105.414 χ^2/NDF:65.0/24

Right Out: -475.670+/-1172.468 χ^2/NDF: 5.5/3

Left In: -87.989+/-106.843 χ^2/NDF:22.1/22

Left: 223.494+/-75.039 χ^2/NDF: 103.9/47

Right: -345.976+/-882.446 χ^2/NDF: 5.6/6

In: -88.548+/-106.505 χ^2/NDF:22.2/25

Out: 518.668+/-104.991 χ^2/NDF:71.2/28

All: 219.406+/-74.769 χ^2/NDF: 109.9/54

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 1366.243+/-0.948 χ^2/NDF: 13096.2/2

Left Out: 443.031+/-0.075 χ^2/NDF:1171662.6/24

Right Out: 1549.826+/-0.829 χ^2/NDF: 187405.7/3

Left In: 441.359+/-0.076 χ^2/NDF:1035839.5/22

Left: 442.206+/-0.053 χ^2/NDF: 2207750.3/47

Right: 1470.237+/-0.624 χ^2/NDF: 221759.8/6

In: 447.200+/-0.075 χ^2/NDF:1995388.8/25

Out: 451.906+/-0.074 χ^2/NDF:3127002.1/28

All: 449.587+/-0.053 χ^2/NDF: 5124371.7/54

asym_sam_15_48_dd_mean vs Slug, Sign Corrected

Right In: 185.138+/-1352.179 χ^2/NDF: 0.1/2

Left Out: -565.545+/-104.460 χ^2/NDF:62.9/24

Right Out: 459.194+/-1166.715 χ^2/NDF: 5.6/3

Left In: 50.387+/-106.218 χ^2/NDF:23.3/22

Left: -262.717+/-74.478 χ^2/NDF: 103.3/47

Right: 342.236+/-883.344 χ^2/NDF: 5.7/6

In: 51.214+/-105.892 χ^2/NDF:23.4/25

Out: -557.395+/-104.044 χ^2/NDF:69.3/28

All: -258.447+/-74.215 χ^2/NDF: 109.5/54

asym_sam_15_48_dd_rms vs Slug, Sign Corrected

Right In: 1377.405+/-0.956 χ^2/NDF: 14437.1/2

Left Out: 439.314+/-0.074 χ^2/NDF:1164031.3/24

Right Out: 1538.950+/-0.825 χ^2/NDF: 187263.1/3

Left In: 438.365+/-0.075 χ^2/NDF:1024661.1/22

Left: 438.847+/-0.053 χ^2/NDF: 2188773.6/47

Right: 1470.008+/-0.625 χ^2/NDF: 218063.7/6

In: 444.124+/-0.075 χ^2/NDF:1997744.6/25

Out: 448.059+/-0.074 χ^2/NDF:3113801.4/28

All: 446.126+/-0.052 χ^2/NDF: 5112951.4/54

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected

Right In: -35.000+/-79.853 χ^2/NDF: 0.8/2

Left Out: 10.078+/-17.207 χ^2/NDF:38.7/24

Right Out: -58.053+/-61.441 χ^2/NDF: 1.3/3

Left In: -1.434+/-17.926 χ^2/NDF:19.0/22

Left: 4.557+/-12.414 χ^2/NDF: 58.0/47

Right: -49.480+/-48.695 χ^2/NDF: 2.2/6

In: -3.044+/-17.491 χ^2/NDF:20.0/25

Out: 5.123+/-16.570 χ^2/NDF:41.2/28

All: 1.260+/-12.029 χ^2/NDF: 61.3/54

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected

Right In: 80.900+/-0.056 χ^2/NDF: 39489.2/2

Left Out: 71.785+/-0.012 χ^2/NDF:1325726.8/24

Right Out: 77.088+/-0.043 χ^2/NDF: 499046.1/3

Left In: 73.558+/-0.013 χ^2/NDF:1009353.9/22

Left: 72.635+/-0.009 χ^2/NDF: 2345268.8/47

Right: 78.506+/-0.034 χ^2/NDF: 541398.3/6

In: 73.911+/-0.012 χ^2/NDF:1064938.0/25

Out: 72.171+/-0.012 χ^2/NDF:1838588.7/28

All: 72.993+/-0.009 χ^2/NDF: 2913958.4/54

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected

Right In: 15.675+/-426.567 χ^2/NDF: 0.4/2

Left Out: 345.360+/-89.857 χ^2/NDF:27.4/24

Right Out: -364.083+/-368.021 χ^2/NDF: 4.0/3

Left In: -101.648+/-91.670 χ^2/NDF:28.1/22

Left: 126.320+/-64.170 χ^2/NDF: 67.5/47

Right: -202.034+/-278.649 χ^2/NDF: 4.9/6

In: -96.469+/-89.624 χ^2/NDF:28.5/25

Out: 305.446+/-87.293 χ^2/NDF:34.9/28

All: 109.783+/-62.533 χ^2/NDF: 73.7/54

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected

Right In: 419.582+/-0.302 χ^2/NDF: 114744.6/2

Left Out: 380.206+/-0.064 χ^2/NDF:616620.6/24

Right Out: 443.685+/-0.260 χ^2/NDF: 685923.8/3

Left In: 381.474+/-0.065 χ^2/NDF:461021.8/22

Left: 380.828+/-0.045 χ^2/NDF: 1077837.5/47

Right: 433.400+/-0.197 χ^2/NDF: 804328.9/6

In: 383.156+/-0.063 χ^2/NDF:591023.6/25

Out: 383.778+/-0.062 χ^2/NDF:1358699.1/28

All: 383.475+/-0.044 χ^2/NDF: 1949772.0/54

asym_sam_37_48_dd_mean vs Slug, Sign Corrected

Right In: -115.588+/-433.815 χ^2/NDF: 0.4/2

Left Out: -335.242+/-87.706 χ^2/NDF:28.3/24

Right Out: 264.233+/-381.112 χ^2/NDF: 3.9/3

Left In: 104.117+/-89.613 χ^2/NDF:29.7/22

Left: -120.287+/-62.681 χ^2/NDF: 70.2/47

Right: 98.784+/-286.317 χ^2/NDF: 4.7/6

In: 95.126+/-87.760 χ^2/NDF:30.3/25

Out: -305.090+/-85.472 χ^2/NDF:34.6/28

All: -110.268+/-61.231 χ^2/NDF: 75.5/54

asym_sam_37_48_dd_rms vs Slug, Sign Corrected

Right In: 426.029+/-0.307 χ^2/NDF: 123581.6/2

Left Out: 371.375+/-0.062 χ^2/NDF:604123.3/24

Right Out: 462.007+/-0.269 χ^2/NDF: 669204.1/3

Left In: 372.574+/-0.063 χ^2/NDF:464397.2/22

Left: 371.962+/-0.044 χ^2/NDF: 1068703.4/47

Right: 446.335+/-0.202 χ^2/NDF: 800549.7/6

In: 374.762+/-0.062 χ^2/NDF:617102.7/25

Out: 375.934+/-0.060 χ^2/NDF:1380744.5/28

All: 375.363+/-0.043 χ^2/NDF: 1998030.3/54

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected

Right In: 26.586+/-109.505 χ^2/NDF: 0.2/2

Left Out: -9.398+/-15.471 χ^2/NDF:34.7/24

Right Out: 55.764+/-88.065 χ^2/NDF: 1.4/3

Left In: -24.293+/-16.034 χ^2/NDF:21.1/22

Left: -16.580+/-11.133 χ^2/NDF: 56.3/47

Right: 44.304+/-68.626 χ^2/NDF: 1.6/6

In: -23.226+/-15.865 χ^2/NDF:21.5/25

Out: -7.447+/-15.238 χ^2/NDF:36.6/28

All: -15.018+/-10.990 χ^2/NDF: 58.7/54

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected

Right In: 111.158+/-0.077 χ^2/NDF: 17203.6/2

Left Out: 65.512+/-0.011 χ^2/NDF:666993.4/24

Right Out: 115.335+/-0.062 χ^2/NDF: 207382.8/3

Left In: 66.564+/-0.011 χ^2/NDF:521302.1/22

Left: 66.019+/-0.008 χ^2/NDF: 1192752.0/47

Right: 113.694+/-0.049 χ^2/NDF: 226353.4/6

In: 67.500+/-0.011 χ^2/NDF:863229.9/25

Out: 67.003+/-0.011 χ^2/NDF:1495363.9/28

All: 67.241+/-0.008 χ^2/NDF: 2359611.1/54

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected

Right In: -122.599+/-861.641 χ^2/NDF: 0.5/2

Left Out: 97.420+/-82.238 χ^2/NDF:33.3/24

Right Out: -634.739+/-786.249 χ^2/NDF: 6.9/3

Left In: 46.660+/-83.857 χ^2/NDF:34.2/22

Left: 72.535+/-58.715 χ^2/NDF: 67.7/47

Right: -402.051+/-580.790 χ^2/NDF: 7.6/6

In: 45.072+/-83.463 χ^2/NDF:34.8/25

Out: 89.497+/-81.792 χ^2/NDF:41.0/28

All: 67.733+/-58.417 χ^2/NDF: 76.0/54

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected

Right In: 872.862+/-0.609 χ^2/NDF: 39135.7/2

Left Out: 342.995+/-0.058 χ^2/NDF:1665121.0/24

Right Out: 1020.293+/-0.556 χ^2/NDF: 324059.0/3

Left In: 344.818+/-0.059 χ^2/NDF:1264545.0/22

Left: 343.889+/-0.042 χ^2/NDF: 2930147.7/47

Right: 953.308+/-0.411 χ^2/NDF: 395145.0/6

In: 349.773+/-0.059 χ^2/NDF:2047766.0/25

Out: 350.325+/-0.058 χ^2/NDF:3457239.1/28

All: 350.054+/-0.041 χ^2/NDF: 5505049.8/54

asym_sam_15_26_dd_mean vs Slug, Sign Corrected

Right In: 86.013+/-890.735 χ^2/NDF: 0.6/2

Left Out: -108.037+/-80.579 χ^2/NDF:30.9/24

Right Out: 742.843+/-760.748 χ^2/NDF: 6.9/3

Left In: -74.986+/-81.949 χ^2/NDF:32.7/22

Left: -91.790+/-57.456 χ^2/NDF: 63.6/47

Right: 465.808+/-578.481 χ^2/NDF: 7.8/6

In: -73.635+/-81.605 χ^2/NDF:33.3/25

Out: -98.596+/-80.131 χ^2/NDF:39.0/28

All: -86.343+/-57.175 χ^2/NDF: 72.4/54

asym_sam_15_26_dd_rms vs Slug, Sign Corrected

Right In: 902.804+/-0.630 χ^2/NDF: 33674.8/2

Left Out: 336.231+/-0.057 χ^2/NDF:1659693.0/24

Right Out: 976.223+/-0.538 χ^2/NDF: 340718.9/3

Left In: 336.396+/-0.058 χ^2/NDF:1269587.6/22

Left: 336.312+/-0.041 χ^2/NDF: 2929284.8/47

Right: 945.257+/-0.409 χ^2/NDF: 382250.5/6

In: 341.150+/-0.058 χ^2/NDF:2105184.0/25

Out: 343.332+/-0.057 χ^2/NDF:3400166.5/28

All: 342.261+/-0.040 χ^2/NDF: 5506078.2/54

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected

Right In: -98.460+/-66.738 χ^2/NDF: 1.3/2

Left Out: 26.633+/-10.090 χ^2/NDF:36.5/24

Right Out: 2.643+/-51.902 χ^2/NDF: 4.8/3

Left In: 8.325+/-10.361 χ^2/NDF:29.6/22

Left: 17.721+/-7.229 χ^2/NDF: 67.7/47

Right: -35.460+/-40.970 χ^2/NDF: 7.5/6

In: 5.812+/-10.238 χ^2/NDF:33.4/25

Out: 25.759+/-9.905 χ^2/NDF:41.4/28

All: 16.115+/-7.119 χ^2/NDF: 76.8/54

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected

Right In: 65.755+/-0.047 χ^2/NDF: 81471.2/2

Left Out: 42.716+/-0.007 χ^2/NDF:771558.7/24

Right Out: 65.222+/-0.037 χ^2/NDF: 519620.1/3

Left In: 43.021+/-0.007 χ^2/NDF:642598.9/22

Left: 42.865+/-0.005 χ^2/NDF: 1415050.2/47

Right: 65.423+/-0.029 χ^2/NDF: 601170.5/6

In: 43.556+/-0.007 χ^2/NDF:950672.6/25

Out: 43.536+/-0.007 χ^2/NDF:1653567.2/28

All: 43.546+/-0.005 χ^2/NDF: 2604244.1/54

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected

Right In: -43.720+/-202.744 χ^2/NDF: 0.2/2

Left Out: -110.340+/-31.717 χ^2/NDF:33.0/24

Right Out: 103.333+/-161.806 χ^2/NDF: 3.9/3

Left In: 25.828+/-32.100 χ^2/NDF:29.0/22

Left: -43.073+/-22.561 χ^2/NDF: 71.1/47

Right: 46.115+/-126.468 χ^2/NDF: 4.4/6

In: 24.127+/-31.705 χ^2/NDF:29.3/25

Out: -102.434+/-31.125 χ^2/NDF:38.5/28

All: -40.322+/-22.211 χ^2/NDF: 76.0/54

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected

Right In: 199.651+/-0.143 χ^2/NDF: 109354.0/2

Left Out: 131.875+/-0.022 χ^2/NDF:1806379.2/24

Right Out: 198.074+/-0.114 χ^2/NDF: 625455.9/3

Left In: 131.630+/-0.023 χ^2/NDF:1403692.5/22

Left: 131.754+/-0.016 χ^2/NDF: 3210130.7/47

Right: 198.688+/-0.089 χ^2/NDF: 734883.8/6

In: 133.293+/-0.022 χ^2/NDF:1732664.3/25

Out: 134.324+/-0.022 χ^2/NDF:2754220.8/28

All: 133.818+/-0.016 χ^2/NDF: 4487962.4/54

asym_sam_37_26_dd_mean vs Slug, Sign Corrected

Right In: -109.469+/-189.852 χ^2/NDF: 0.4/2

Left Out: 141.008+/-30.636 χ^2/NDF:27.1/24

Right Out: -73.486+/-161.815 χ^2/NDF: 3.5/3

Left In: -15.199+/-31.033 χ^2/NDF:31.4/22

Left: 63.911+/-21.802 χ^2/NDF: 71.3/47

Right: -88.627+/-123.152 χ^2/NDF: 3.9/6

In: -17.652+/-30.627 χ^2/NDF:32.0/25

Out: 133.586+/-30.101 χ^2/NDF:32.4/28

All: 59.276+/-21.468 χ^2/NDF: 76.7/54

asym_sam_37_26_dd_rms vs Slug, Sign Corrected

Right In: 187.688+/-0.134 χ^2/NDF: 107269.6/2

Left Out: 128.060+/-0.022 χ^2/NDF:1530283.7/24

Right Out: 197.351+/-0.114 χ^2/NDF: 625295.1/3

Left In: 127.380+/-0.022 χ^2/NDF:1229899.0/22

Left: 127.724+/-0.015 χ^2/NDF: 2760669.0/47

Right: 193.285+/-0.087 χ^2/NDF: 735565.7/6

In: 128.949+/-0.022 χ^2/NDF:1533731.0/25

Out: 130.457+/-0.021 χ^2/NDF:2509620.5/28

All: 129.716+/-0.015 χ^2/NDF: 4045818.7/54

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected

Right In: -63.812+/-127.297 χ^2/NDF: 0.3/2

Left Out: 33.535+/-14.197 χ^2/NDF:19.7/24

Right Out: 11.725+/-102.578 χ^2/NDF: 0.3/3

Left In: 60.992+/-14.839 χ^2/NDF:31.6/22

Left: 46.656+/-10.258 χ^2/NDF: 53.0/47

Right: -18.014+/-79.873 χ^2/NDF: 0.8/6

In: 59.319+/-14.739 χ^2/NDF:32.8/25

Out: 33.125+/-14.063 χ^2/NDF:20.0/28

All: 45.607+/-10.175 χ^2/NDF: 54.5/54

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected

Right In: 129.967+/-0.090 χ^2/NDF: 1663.7/2

Left Out: 58.793+/-0.010 χ^2/NDF:1460561.7/24

Right Out: 128.347+/-0.073 χ^2/NDF: 527710.6/3

Left In: 60.355+/-0.010 χ^2/NDF:1217671.4/22

Left: 59.539+/-0.007 χ^2/NDF: 2689802.0/47

Right: 128.985+/-0.056 χ^2/NDF: 529570.5/6

In: 61.288+/-0.010 χ^2/NDF:1809392.3/25

Out: 60.100+/-0.010 χ^2/NDF:2890525.5/28

All: 60.666+/-0.007 χ^2/NDF: 4706718.8/54

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected

Right In: 193.379+/-1065.751 χ^2/NDF: 0.1/2

Left Out: -417.817+/-84.969 χ^2/NDF:58.5/24

Right Out: 454.335+/-916.641 χ^2/NDF: 5.5/3

Left In: 89.505+/-86.438 χ^2/NDF:19.4/22

Left: -168.504+/-60.595 χ^2/NDF: 95.4/47

Right: 343.375+/-694.953 χ^2/NDF: 5.6/6

In: 90.184+/-86.155 χ^2/NDF:19.5/25

Out: -410.387+/-84.607 χ^2/NDF:64.9/28

All: -164.641+/-60.366 χ^2/NDF: 101.6/54

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected

Right In: 1085.657+/-0.754 χ^2/NDF: 14869.0/2

Left Out: 358.349+/-0.060 χ^2/NDF:1011872.8/24

Right Out: 1198.065+/-0.648 χ^2/NDF: 258518.5/3

Left In: 357.802+/-0.061 χ^2/NDF:893330.5/22

Left: 358.080+/-0.043 χ^2/NDF: 1905244.1/47

Right: 1150.268+/-0.491 χ^2/NDF: 286176.2/6

In: 362.558+/-0.061 χ^2/NDF:1834946.1/25

Out: 365.503+/-0.060 χ^2/NDF:2934497.0/28

All: 364.057+/-0.043 χ^2/NDF: 4770632.5/54

asym_sam_1357_avg_mean vs Slug, Sign Corrected

Right In: -233.713+/-1063.647 χ^2/NDF: 0.2/2

Left Out: 470.804+/-83.480 χ^2/NDF:58.7/24

Right Out: -390.556+/-902.305 χ^2/NDF: 5.2/3

Left In: -19.328+/-84.679 χ^2/NDF:23.7/22

Left: 229.235+/-59.449 χ^2/NDF: 99.4/47

Right: -324.920+/-688.074 χ^2/NDF: 5.3/6

In: -20.678+/-84.412 χ^2/NDF:23.9/25

Out: 463.494+/-83.125 χ^2/NDF:64.8/28

All: 225.129+/-59.228 χ^2/NDF: 105.3/54

asym_sam_1357_avg_rms vs Slug, Sign Corrected

Right In: 1082.888+/-0.752 χ^2/NDF: 17895.7/2

Left Out: 351.777+/-0.059 χ^2/NDF:1016791.1/24

Right Out: 1172.249+/-0.638 χ^2/NDF: 264624.4/3

Left In: 350.037+/-0.060 χ^2/NDF:889435.7/22

Left: 350.919+/-0.042 χ^2/NDF: 1906655.0/47

Right: 1134.853+/-0.487 χ^2/NDF: 290729.1/6

In: 354.653+/-0.060 χ^2/NDF:1850789.2/25

Out: 358.740+/-0.059 χ^2/NDF:2921055.6/28

All: 356.728+/-0.042 χ^2/NDF: 4774225.9/54

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected

Right In: -66.822+/-199.169 χ^2/NDF: 0.0/2

Left Out: 32.332+/-26.320 χ^2/NDF:19.6/24

Right Out: 41.979+/-163.317 χ^2/NDF: 0.5/3

Left In: 66.254+/-27.450 χ^2/NDF:24.2/22

Left: 48.580+/-18.998 χ^2/NDF: 44.6/47

Right: -1.765+/-126.288 χ^2/NDF: 0.7/6

In: 63.774+/-27.193 χ^2/NDF:24.7/25

Out: 32.576+/-25.985 χ^2/NDF:20.1/28

All: 47.466+/-18.787 χ^2/NDF: 45.4/54

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected

Right In: 202.995+/-0.141 χ^2/NDF: 5167.1/2

Left Out: 107.852+/-0.019 χ^2/NDF:1833747.9/24

Right Out: 205.501+/-0.115 χ^2/NDF: 494932.0/3

Left In: 110.691+/-0.019 χ^2/NDF:1406587.3/22

Left: 109.212+/-0.013 χ^2/NDF: 3251479.0/47

Right: 204.493+/-0.089 χ^2/NDF: 500288.4/6

In: 112.412+/-0.019 χ^2/NDF:1833310.5/25

Out: 110.324+/-0.018 χ^2/NDF:3025572.0/28

All: 111.320+/-0.013 χ^2/NDF: 4865042.7/54

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected

Right In: 314.556+/-2203.888 χ^2/NDF: 0.1/2

Left Out: -813.029+/-164.102 χ^2/NDF:66.2/24

Right Out: 639.717+/-1929.820 χ^2/NDF: 5.4/3

Left In: 127.427+/-166.308 χ^2/NDF:22.8/22

Left: -349.081+/-116.810 χ^2/NDF: 105.2/47

Right: 498.601+/-1451.874 χ^2/NDF: 5.5/6

In: 128.487+/-165.837 χ^2/NDF:22.9/25

Out: -802.600+/-163.512 χ^2/NDF:72.2/28

All: -343.629+/-116.434 χ^2/NDF: 111.0/54

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected

Right In: 2245.971+/-1.558 χ^2/NDF: 16692.9/2

Left Out: 688.513+/-0.116 χ^2/NDF:1287701.8/24

Right Out: 2572.393+/-1.365 χ^2/NDF: 130226.5/3

Left In: 685.733+/-0.118 χ^2/NDF:1156263.7/22

Left: 687.142+/-0.083 χ^2/NDF: 2444248.5/47

Right: 2430.729+/-1.027 χ^2/NDF: 171752.6/6

In: 694.568+/-0.117 χ^2/NDF:2169661.6/25

Out: 702.037+/-0.116 χ^2/NDF:3310157.7/28

All: 698.355+/-0.082 χ^2/NDF: 5481876.6/54

asym_sam_2468_avg_mean vs Slug, Sign Corrected

Right In: -287.798+/-2247.552 χ^2/NDF: 0.2/2

Left Out: 873.446+/-164.269 χ^2/NDF:64.1/24

Right Out: -709.154+/-1911.760 χ^2/NDF: 5.2/3

Left In: -41.522+/-166.728 χ^2/NDF:24.1/22

Left: 422.759+/-117.015 χ^2/NDF: 103.5/47

Right: -532.273+/-1456.216 χ^2/NDF: 5.4/6

In: -42.870+/-166.271 χ^2/NDF:24.3/25

Out: 861.847+/-163.665 χ^2/NDF:70.0/28

All: 416.632+/-116.639 χ^2/NDF: 109.3/54

asym_sam_2468_avg_rms vs Slug, Sign Corrected

Right In: 2290.945+/-1.589 χ^2/NDF: 14247.9/2

Left Out: 689.767+/-0.116 χ^2/NDF:1258608.7/24

Right Out: 2534.721+/-1.352 χ^2/NDF: 144630.2/3

Left In: 686.944+/-0.118 χ^2/NDF:1116042.4/22

Left: 688.376+/-0.083 χ^2/NDF: 2374942.1/47

Right: 2432.386+/-1.030 χ^2/NDF: 172529.6/6

In: 695.722+/-0.118 χ^2/NDF:2143353.8/25

Out: 703.288+/-0.116 χ^2/NDF:3252253.2/28

All: 699.565+/-0.082 χ^2/NDF: 5397710.4/54

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected

Right In: -25.615+/-45.556 χ^2/NDF: 0.9/2

Left Out: 0.254+/-7.690 χ^2/NDF:20.4/24

Right Out: -0.979+/-36.878 χ^2/NDF: 5.1/3

Left In: -4.745+/-7.976 χ^2/NDF:17.9/22

Left: -2.154+/-5.536 χ^2/NDF: 38.5/47

Right: -10.732+/-28.663 χ^2/NDF: 6.2/6

In: -5.366+/-7.856 χ^2/NDF:19.0/25

Out: 0.203+/-7.528 χ^2/NDF:25.5/28

All: -2.463+/-5.436 χ^2/NDF: 44.7/54

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected

Right In: 45.439+/-0.032 χ^2/NDF: 55832.5/2

Left Out: 31.624+/-0.005 χ^2/NDF:1673431.1/24

Right Out: 46.981+/-0.026 χ^2/NDF: 410489.3/3

Left In: 32.331+/-0.006 χ^2/NDF:1141501.0/22

Left: 31.965+/-0.004 χ^2/NDF: 2823070.9/47

Right: 46.371+/-0.020 χ^2/NDF: 467706.4/6

In: 32.721+/-0.006 χ^2/NDF:1357990.8/25

Out: 32.264+/-0.005 χ^2/NDF:2416289.2/28

All: 32.483+/-0.004 χ^2/NDF: 3777802.6/54

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected

Right In: -62.350+/-572.779 χ^2/NDF: 0.2/2

Left Out: 197.682+/-41.831 χ^2/NDF:69.9/24

Right Out: -116.036+/-500.272 χ^2/NDF: 4.9/3

Left In: -17.742+/-42.576 χ^2/NDF:27.1/22

Left: 91.870+/-29.839 χ^2/NDF: 110.0/47

Right: -92.804+/-376.789 χ^2/NDF: 5.0/6

In: -17.987+/-42.459 χ^2/NDF:27.2/25

Out: 195.504+/-41.686 χ^2/NDF:75.1/28

All: 90.719+/-29.746 χ^2/NDF: 115.2/54

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected

Right In: 583.365+/-0.405 χ^2/NDF: 20884.0/2

Left Out: 175.207+/-0.030 χ^2/NDF:1418225.0/24

Right Out: 676.669+/-0.354 χ^2/NDF: 31135.8/3

Left In: 175.051+/-0.030 χ^2/NDF:1339755.1/22

Left: 175.130+/-0.021 χ^2/NDF: 2757993.8/47

Right: 636.293+/-0.266 χ^2/NDF: 82124.7/6

In: 177.294+/-0.030 χ^2/NDF:2371408.9/25

Out: 178.689+/-0.029 χ^2/NDF:3444928.9/28

All: 178.005+/-0.021 χ^2/NDF: 5817436.3/54

Right In: 31.797+/-595.628 χ^2/NDF: 0.2/2

Left Out: -200.930+/-41.741 χ^2/NDF:65.5/24

Right Out: 196.755+/-497.893 χ^2/NDF: 4.7/3

Left In: 9.384+/-42.437 χ^2/NDF:25.4/22

Left: -97.511+/-29.758 χ^2/NDF: 103.4/47

Right: 128.903+/-382.007 χ^2/NDF: 5.0/6

In: 9.497+/-42.330 χ^2/NDF:25.6/25

Out: -198.155+/-41.595 χ^2/NDF:70.9/28

All: -96.145+/-29.669 χ^2/NDF: 108.7/54

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected

Right In: 607.214+/-0.421 χ^2/NDF: 12906.4/2

Left Out: 174.567+/-0.030 χ^2/NDF:1532900.3/24

Right Out: 671.345+/-0.352 χ^2/NDF: 39817.3/3

Left In: 174.217+/-0.030 χ^2/NDF:1364600.9/22

Left: 174.395+/-0.021 χ^2/NDF: 2897570.3/47

Right: 644.966+/-0.270 χ^2/NDF: 66372.2/6

In: 176.404+/-0.030 χ^2/NDF:2429107.2/25

Out: 178.034+/-0.029 χ^2/NDF:3549876.9/28

All: 177.233+/-0.021 χ^2/NDF: 5980493.2/54

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected

Right In: -67.458+/-159.646 χ^2/NDF: 0.0/2

Left Out: 32.793+/-19.705 χ^2/NDF:19.5/24

Right Out: 29.818+/-131.164 χ^2/NDF: 0.1/3

Left In: 63.566+/-20.573 χ^2/NDF:27.2/22

Left: 47.517+/-14.231 χ^2/NDF: 47.9/47

Right: -9.383+/-101.346 χ^2/NDF: 0.4/6

In: 61.426+/-20.405 χ^2/NDF:27.8/25

Out: 32.728+/-19.487 χ^2/NDF:19.6/28

All: 46.417+/-14.092 χ^2/NDF: 48.5/54

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected

Right In: 162.897+/-0.113 χ^2/NDF: 1188.6/2

Left Out: 80.926+/-0.014 χ^2/NDF:1760910.0/24

Right Out: 164.598+/-0.093 χ^2/NDF: 511087.4/3

Left In: 83.071+/-0.015 χ^2/NDF:1405124.8/22

Left: 81.952+/-0.010 χ^2/NDF: 3177364.3/47

Right: 163.913+/-0.072 χ^2/NDF: 512411.5/6

In: 84.375+/-0.014 χ^2/NDF:1898191.4/25

Out: 82.773+/-0.014 χ^2/NDF:3067907.6/28

All: 83.537+/-0.010 χ^2/NDF: 4972541.3/54

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected

Right In: 253.227+/-1633.547 χ^2/NDF: 0.1/2

Left Out: -629.005+/-120.608 χ^2/NDF:63.2/24

Right Out: 551.568+/-1425.031 χ^2/NDF: 5.5/3

Left In: 108.821+/-125.527 χ^2/NDF:21.4/22

Left: -274.832+/-86.970 χ^2/NDF: 102.6/47

Right: 422.642+/-1073.852 χ^2/NDF: 5.6/6

In: 109.669+/-125.158 χ^2/NDF:21.5/25

Out: -620.609+/-120.178 χ^2/NDF:69.3/28

All: -270.287+/-86.686 χ^2/NDF: 108.6/54

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected

Right In: 1664.713+/-1.155 χ^2/NDF: 15793.1/2

Left Out: 499.813+/-0.085 χ^2/NDF:1626530.8/24

Right Out: 1887.245+/-1.008 χ^2/NDF: 173258.2/3

Left In: 518.244+/-0.089 χ^2/NDF:1071993.3/22

Left: 508.660+/-0.061 χ^2/NDF: 2720944.9/47

Right: 1791.080+/-0.759 χ^2/NDF: 210127.4/6

In: 524.974+/-0.089 χ^2/NDF:2067128.5/25

Out: 509.681+/-0.085 χ^2/NDF:3682158.2/28

All: 517.017+/-0.061 χ^2/NDF: 5764824.2/54

asym_sam_12345678_avg_mean vs Slug, Sign Corrected

Right In: -258.810+/-1654.328 χ^2/NDF: 0.2/2

Left Out: 672.498+/-123.428 χ^2/NDF:62.8/24

Right Out: -548.230+/-1408.636 χ^2/NDF: 5.2/3

Left In: -31.056+/-125.236 χ^2/NDF:23.8/22

Left: 325.838+/-87.909 χ^2/NDF: 102.6/47

Right: -426.587+/-1072.509 χ^2/NDF: 5.4/6

In: -32.354+/-124.879 χ^2/NDF:24.0/25

Out: 663.197+/-122.957 χ^2/NDF:68.7/28

All: 320.816+/-87.615 χ^2/NDF: 108.5/54

asym_sam_12345678_avg_rms vs Slug, Sign Corrected

Right In: 1685.827+/-1.170 χ^2/NDF: 15170.2/2

Left Out: 518.935+/-0.087 χ^2/NDF:1172613.9/24

Right Out: 1855.012+/-0.996 χ^2/NDF: 185746.3/3

Left In: 516.594+/-0.089 χ^2/NDF:1036092.8/22

Left: 517.782+/-0.062 χ^2/NDF: 2209061.2/47

Right: 1783.903+/-0.758 χ^2/NDF: 213042.4/6

In: 523.257+/-0.088 χ^2/NDF:2044623.6/25

Out: 529.115+/-0.087 χ^2/NDF:3143915.8/28

All: 526.231+/-0.062 χ^2/NDF: 5190774.1/54

dit_usl_4aX_slope vs Slug, Sign Corrected

Right In: -158.222+/-0.000 χ^2/NDF: 118351.7/17

Left Out: -231.902+/-0.108 χ^2/NDF:110473.4/23

Right Out: -177.839+/-0.138 χ^2/NDF: 210825.5/21

Left In: -224.103+/-0.098 χ^2/NDF:153347.0/22

Left: -227.631+/-0.073 χ^2/NDF: 266668.8/46

Right: -158.222+/-0.000 χ^2/NDF: 349444.7/39

In: -158.222+/-0.000 χ^2/NDF:721022.4/40

Out: -211.295+/-0.085 χ^2/NDF:416551.8/45

All: -158.222+/-0.000 χ^2/NDF: 1526752.5/86

dit_usl_4eX_slope vs Slug, Sign Corrected

Right In: 174.085+/-0.000 χ^2/NDF: 58750.5/17

Left Out: 190.208+/-0.109 χ^2/NDF:99613.5/23

Right Out: 126.206+/-0.154 χ^2/NDF: 208673.4/21

Left In: 183.362+/-0.099 χ^2/NDF:155441.6/22

Left: 186.466+/-0.073 χ^2/NDF: 257224.0/46

Right: 174.085+/-0.000 χ^2/NDF: 364696.7/39

In: 174.085+/-0.000 χ^2/NDF:222978.1/40

Out: 168.844+/-0.089 χ^2/NDF:424081.5/45

All: 174.085+/-0.000 χ^2/NDF: 650551.5/86

dit_usl_11X12X_slope vs Slug, Sign Corrected

Right In: -46.126+/-0.000 χ^2/NDF: 412381.0/17

Left Out: -38.745+/-0.006 χ^2/NDF:400638.0/23

Right Out: -28.139+/-0.000 χ^2/NDF: 829518.4/21

Left In: -38.794+/-0.007 χ^2/NDF:321993.9/22

Left: -38.767+/-0.004 χ^2/NDF: 722662.8/46

Right: -39.778+/-0.000 χ^2/NDF: 248795993231659

In: -46.126+/-0.000 χ^2/NDF:1990109.1/40

Out: -28.139+/-0.000 χ^2/NDF:4486611.8/45

All: -39.778+/-0.000 χ^2/NDF: 248795993231

dit_usl_4aY_slope vs Slug, Sign Corrected

Right In: -1.777+/-0.017 χ^2/NDF: 30991.9/17

Left Out: 0.828+/-0.006 χ^2/NDF:255303.5/23

Right Out: 13.204+/-0.000 χ^2/NDF: 533567.8/21

Left In: 0.606+/-0.005 χ^2/NDF:331282.7/22

Left: 0.696+/-0.004 χ^2/NDF: 587368.1/46

Right: 13.204+/-0.000 χ^2/NDF: 1308882.7/39

In: 0.420+/-0.005 χ^2/NDF:379639.6/40

Out: 13.204+/-0.000 χ^2/NDF:4870376.5/45

All: 13.204+/-0.000 χ^2/NDF: 12197219.5/86

dit_usl_4eY_slope vs Slug, Sign Corrected

Right In: 22.574+/-0.019 χ^2/NDF: 25285.6/17

Left Out: 17.613+/-0.007 χ^2/NDF:178438.8/23

Right Out: 21.381+/-0.021 χ^2/NDF: 31686.6/21

Left In: 19.117+/-0.007 χ^2/NDF:229353.0/22

Left: 18.369+/-0.005 χ^2/NDF: 430183.3/46

Right: 22.041+/-0.014 χ^2/NDF: 58818.6/39

In: 19.558+/-0.007 χ^2/NDF:284929.7/40

Out: 18.014+/-0.007 χ^2/NDF:239887.8/45

All: 18.799+/-0.005 χ^2/NDF: 551536.2/86

dit_usr_4aX_slope vs Slug, Sign Corrected

Right In: -276.150+/-0.166 χ^2/NDF: 58267.9/18

Left Out: -313.052+/-0.096 χ^2/NDF:54405.8/24

Right Out: -281.212+/-0.135 χ^2/NDF: 83655.9/21

Left In: -317.471+/-0.095 χ^2/NDF:63067.6/22

Left: -315.276+/-0.068 χ^2/NDF: 118543.8/47

Right: -279.195+/-0.105 χ^2/NDF: 142484.6/40

In: -307.224+/-0.083 χ^2/NDF:168040.5/41

Out: -302.377+/-0.078 χ^2/NDF:175073.0/46

All: -304.667+/-0.057 χ^2/NDF: 344932.0/88

dit_usr_4eX_slope vs Slug, Sign Corrected

Right In: 374.094+/-0.000 χ^2/NDF: 35271.4/18

Left Out: 394.968+/-0.096 χ^2/NDF:68076.2/24

Right Out: 368.801+/-0.139 χ^2/NDF: 118150.5/21

Left In: 399.410+/-0.097 χ^2/NDF:77209.0/22

Left: 397.169+/-0.068 χ^2/NDF: 146345.7/47

Right: 374.094+/-0.000 χ^2/NDF: 154868.7/40

In: 374.094+/-0.000 χ^2/NDF:180785.4/41

Out: 386.528+/-0.079 χ^2/NDF:210186.2/46

All: 374.094+/-0.000 χ^2/NDF: 415729.6/88

dit_usr_11X12X_slope vs Slug, Sign Corrected

Right In: -42.744+/-0.000 χ^2/NDF: 13701.8/18

Left Out: -37.547+/-0.004 χ^2/NDF:267131.7/24

Right Out: -29.754+/-0.000 χ^2/NDF: 547009.6/21

Left In: -37.903+/-0.004 χ^2/NDF:156960.8/22

Left: -37.711+/-0.003 χ^2/NDF: 428070.7/47

Right: -38.159+/-0.000 χ^2/NDF: 129765212680709

In: -42.744+/-0.000 χ^2/NDF:1532556.1/41

Out: -29.754+/-0.000 χ^2/NDF:4941926.0/46

All: -38.159+/-0.000 χ^2/NDF: 129765212680

dit_usr_4aY_slope vs Slug, Sign Corrected

Right In: -9.259+/-0.000 χ^2/NDF: 417665.4/18

Left Out: 2.149+/-0.005 χ^2/NDF:290739.3/24

Right Out: 18.504+/-0.000 χ^2/NDF: 7382326.1/21

Left In: 1.019+/-0.006 χ^2/NDF:250029.0/22

Left: 1.671+/-0.004 χ^2/NDF: 563410.5/47

Right: 6.039+/-0.000 χ^2/NDF: 16450574505955581

In: -9.259+/-0.000 χ^2/NDF:3915735.3/41

Out: 18.504+/-0.000 χ^2/NDF:18859523.9/46

All: 6.039+/-0.000 χ^2/NDF: 16450574505955

dit_usr_4eY_slope vs Slug, Sign Corrected

Right In: 16.947+/-0.000 χ^2/NDF: 11810.9/18

Left Out: 10.782+/-0.007 χ^2/NDF:129427.5/24

Right Out: -11.075+/-0.000 χ^2/NDF: 2787001.1/21

Left In: 11.267+/-0.008 χ^2/NDF:98438.0/22

Left: 10.986+/-0.005 χ^2/NDF: 230089.4/47

Right: -2.268+/-0.000 χ^2/NDF: 4692527454635666

In: 16.947+/-0.000 χ^2/NDF:634912.1/41

Out: -11.075+/-0.000 χ^2/NDF:13662495.0/46

All: -2.268+/-0.000 χ^2/NDF: 4692527454635

dit_atl1_4aX_slope vs Slug, Sign Corrected

Right In: -205.160+/-0.000 χ^2/NDF: 1387276.1/18

Left Out: -103.842+/-0.192 χ^2/NDF:94751.7/24

Right Out: -30.536+/-0.243 χ^2/NDF: 156496.1/22

Left In: -114.444+/-0.225 χ^2/NDF:76837.7/22

Left: -108.306+/-0.146 χ^2/NDF: 172877.4/47

Right: -205.160+/-0.000 χ^2/NDF: 2058349.3/41

In: -205.160+/-0.000 χ^2/NDF:1626995.4/41

Out: -75.785+/-0.151 χ^2/NDF:307222.2/47

All: -205.160+/-0.000 χ^2/NDF: 2672190.4/89

dit_atl1_4eX_slope vs Slug, Sign Corrected

Right In: 339.325+/-0.000 χ^2/NDF: 1344008.1/18

Left Out: 147.771+/-0.196 χ^2/NDF:134281.2/24

Right Out: 42.636+/-0.239 χ^2/NDF: 306748.5/22

Left In: 160.049+/-0.230 χ^2/NDF:83579.0/22

Left: 152.950+/-0.149 χ^2/NDF: 219512.9/47

Right: 339.325+/-0.000 χ^2/NDF: 3188256.2/41

In: 339.325+/-0.000 χ^2/NDF:2036926.2/41

Out: 105.513+/-0.152 χ^2/NDF:556495.8/47

All: 339.325+/-0.000 χ^2/NDF: 4969080.6/89

dit_atl1_11X12X_slope vs Slug, Sign Corrected

Right In: -48.945+/-0.000 χ^2/NDF: 6518202.5/18

Left Out: -17.446+/-0.010 χ^2/NDF:714044.4/24

Right Out: -15.161+/-0.040 χ^2/NDF: 315706.4/22

Left In: -17.951+/-0.012 χ^2/NDF:252123.1/22

Left: -17.648+/-0.008 χ^2/NDF: 967185.6/47

Right: -48.945+/-0.000 χ^2/NDF: 7549531.5/41

In: -48.945+/-0.000 χ^2/NDF:13156936.5/41

Out: -17.311+/-0.010 χ^2/NDF:1032829.7/47

All: -48.945+/-0.000 χ^2/NDF: 24805748.9/89

dit_atl1_4aY_slope vs Slug, Sign Corrected

Right In: 6.728+/-0.000 χ^2/NDF: 14560.5/18

Left Out: 11.049+/-0.012 χ^2/NDF:31618.4/24

Right Out: 9.666+/-0.035 χ^2/NDF: 27245.3/22

Left In: 11.498+/-0.010 χ^2/NDF:15848.8/22

Left: 11.309+/-0.008 χ^2/NDF: 48246.1/47

Right: 6.728+/-0.000 χ^2/NDF: 49026.5/41

In: 6.728+/-0.000 χ^2/NDF:239615.9/41

Out: 10.895+/-0.012 χ^2/NDF:60287.2/47

All: 6.728+/-0.000 χ^2/NDF: 430155.1/89

dit_atl1_4eY_slope vs Slug, Sign Corrected

Right In: -19.693+/-0.000 χ^2/NDF: 8872.1/18

Left Out: -20.065+/-0.014 χ^2/NDF:71466.1/24

Right Out: 19.086+/-0.000 χ^2/NDF: 680828.9/22

Left In: -19.955+/-0.015 χ^2/NDF:22657.6/22

Left: -20.015+/-0.010 χ^2/NDF: 94152.2/47

Right: -6.006+/-0.000 χ^2/NDF: 4625637731292657

In: -19.693+/-0.000 χ^2/NDF:31830.7/41

Out: 19.086+/-0.000 χ^2/NDF:8757762.0/47

All: -6.006+/-0.000 χ^2/NDF: 4625637731292

dit_atl2_4aX_slope vs Slug, Sign Corrected

Right In: -889.928+/-0.000 χ^2/NDF: 876340.8/18

Left Out: -1880.162+/-0.353 χ^2/NDF:873293.0/24

Right Out: -1134.421+/-0.000 χ^2/NDF: 767310.8/22

Left In: -1898.497+/-0.364 χ^2/NDF:698003.8/22

Left: -1889.053+/-0.253 χ^2/NDF: 1572605.5/47

Right: -976.220+/-0.000 χ^2/NDF: 44889787387498

In: -889.928+/-0.000 χ^2/NDF:9263143.3/41

Out: -1134.421+/-0.000 χ^2/NDF:6105074.5/47

All: -976.220+/-0.000 χ^2/NDF: 4488978738

dit_atl2_4eX_slope vs Slug, Sign Corrected

Right In: 1176.685+/-0.241 χ^2/NDF: 522982.0/18

Left Out: 1952.706+/-0.354 χ^2/NDF:820225.3/24

Right Out: 1103.581+/-0.244 χ^2/NDF: 1148036.0/22

Left In: 1976.603+/-0.367 χ^2/NDF:625684.0/22

Left: 1964.216+/-0.255 χ^2/NDF: 1448104.1/47

Right: 1140.671+/-0.172 χ^2/NDF: 1716394.5/41

In: 1417.302+/-0.201 χ^2/NDF:4465917.6/41

Out: 1377.743+/-0.201 χ^2/NDF:5864174.0/47

All: 1397.496+/-0.142 χ^2/NDF: 10349404.6/8

dit_atl2_11X12X_slope vs Slug, Sign Corrected

Right In: -212.190+/-0.000 χ^2/NDF: 1366212.8/18

Left Out: -268.611+/-0.022 χ^2/NDF:7041710.3/24

Right Out: -188.033+/-0.000 χ^2/NDF: 933937.4/22

Left In: -279.563+/-0.022 χ^2/NDF:2298119.7/22

Left: -274.180+/-0.015 χ^2/NDF: 9465442.7/47

Right: -195.625+/-0.000 χ^2/NDF: 13622303625661

In: -212.190+/-0.000 χ^2/NDF:13336040.6/41

Out: -188.033+/-0.000 χ^2/NDF:21347995.6/47

All: -195.625+/-0.000 χ^2/NDF: 13622303625

dit_atl2_4aY_slope vs Slug, Sign Corrected

Right In: -56.037+/-0.000 χ^2/NDF: 1688858.5/18

Left Out: -3.341+/-0.018 χ^2/NDF:1399746.6/24

Right Out: -6.748+/-0.041 χ^2/NDF: 180957.8/22

Left In: -9.956+/-0.018 χ^2/NDF:1689839.0/22

Left: -6.485+/-0.013 χ^2/NDF: 3156876.8/47

Right: -56.037+/-0.000 χ^2/NDF: 3297918.7/41

In: -56.037+/-0.000 χ^2/NDF:9603055.7/41

Out: -3.865+/-0.016 χ^2/NDF:1586476.8/47

All: -56.037+/-0.000 χ^2/NDF: 21599681.9/89

dit_atl2_4eY_slope vs Slug, Sign Corrected

Right In: 138.565+/-0.000 χ^2/NDF: 910539.6/18

Left Out: 121.875+/-0.024 χ^2/NDF:1617383.6/24

Right Out: 6.866+/-0.000 χ^2/NDF: 8334711.9/22

Left In: 127.150+/-0.026 χ^2/NDF:1340248.6/22

Left: 124.317+/-0.018 χ^2/NDF: 2979450.2/47

Right: 7.101+/-0.000 χ^2/NDF: 2357682268192867

In: 138.565+/-0.000 χ^2/NDF:2440988.8/41

Out: 6.866+/-0.000 χ^2/NDF:32350328.2/47

All: 7.101+/-0.000 χ^2/NDF: 2357682268192

dit_atr1_4aX_slope vs Slug, Sign Corrected

Right In: -73.485+/-0.000 χ^2/NDF: 146325.8/18

Left Out: -165.282+/-0.232 χ^2/NDF:84301.0/24

Right Out: -545.143+/-0.250 χ^2/NDF: 3270593.5/22

Left In: -159.346+/-0.239 χ^2/NDF:73885.5/22

Left: -162.407+/-0.166 χ^2/NDF: 158504.2/47

Right: -73.485+/-0.000 χ^2/NDF: 6976794.2/41

In: -73.485+/-0.000 χ^2/NDF:349117.1/41

Out: -340.844+/-0.170 χ^2/NDF:4596753.1/47

All: -73.485+/-0.000 χ^2/NDF: 7420801.7/89

dit_atr1_4eX_slope vs Slug, Sign Corrected

Right In: 42.743+/-0.000 χ^2/NDF: 132132.8/18

Left Out: 120.053+/-0.237 χ^2/NDF:97926.9/24

Right Out: 1036.068+/-0.000 χ^2/NDF: 6170118.2/22

Left In: 113.733+/-0.246 χ^2/NDF:81886.4/22

Left: 117.016+/-0.171 χ^2/NDF: 180155.1/47

Right: 43.272+/-0.000 χ^2/NDF: 1144517497266833

In: 42.743+/-0.000 χ^2/NDF:297082.2/41

Out: 1036.068+/-0.000 χ^2/NDF:21209736.9/47

All: 43.272+/-0.000 χ^2/NDF: 1144517497266

dit_atr1_11X12X_slope vs Slug, Sign Corrected

Right In: -30.255+/-0.034 χ^2/NDF: 87103.2/18

Left Out: -19.926+/-0.012 χ^2/NDF:374900.2/24

Right Out: -21.549+/-0.036 χ^2/NDF: 456312.4/22

Left In: -19.047+/-0.014 χ^2/NDF:214747.8/22

Left: -19.543+/-0.009 χ^2/NDF: 591888.6/47

Right: -26.125+/-0.025 χ^2/NDF: 574849.5/41

In: -20.676+/-0.013 χ^2/NDF:395715.3/41

Out: -20.098+/-0.012 χ^2/NDF:833071.2/47

All: -20.357+/-0.009 χ^2/NDF: 1229897.5/89

dit_atr1_4aY_slope vs Slug, Sign Corrected

Right In: 13.238+/-0.000 χ^2/NDF: 7427.6/18

Left Out: 14.245+/-0.012 χ^2/NDF:12367.6/24

Right Out: -66.739+/-0.000 χ^2/NDF: 3719684.7/22

Left In: 14.441+/-0.012 χ^2/NDF:12955.9/22

Left: 14.346+/-0.008 χ^2/NDF: 25459.7/47

Right: 12.562+/-0.000 χ^2/NDF: 1884310027651005

In: 13.238+/-0.000 χ^2/NDF:31049.3/41

Out: -66.739+/-0.000 χ^2/NDF:49379431.2/47

All: 12.562+/-0.000 χ^2/NDF: 1884310027651

dit_atr1_4eY_slope vs Slug, Sign Corrected

Right In: -32.504+/-0.000 χ^2/NDF: 77351.7/18

Left Out: -24.652+/-0.015 χ^2/NDF:23058.0/24

Right Out: -18.892+/-0.042 χ^2/NDF: 133587.4/22

Left In: -24.948+/-0.015 χ^2/NDF:14049.6/22

Left: -24.798+/-0.011 χ^2/NDF: 37300.4/47

Right: -32.504+/-0.000 χ^2/NDF: 314984.4/41

In: -32.504+/-0.000 χ^2/NDF:339302.6/41

Out: -24.009+/-0.014 χ^2/NDF:173194.0/47

All: -32.504+/-0.000 χ^2/NDF: 875323.3/89

dit_atr2_4aX_slope vs Slug, Sign Corrected

Right In: -1342.107+/-0.000 χ^2/NDF: 525483.2/18

Left Out: -1894.646+/-0.318 χ^2/NDF:67387.8/24

Right Out: -1496.932+/-0.000 χ^2/NDF: 1749186.6/22

Left In: -1902.803+/-0.289 χ^2/NDF:69208.9/22

Left: -1899.114+/-0.214 χ^2/NDF: 136957.6/47

Right: -1396.751+/-0.000 χ^2/NDF: 1800086126763

In: -1342.107+/-0.000 χ^2/NDF:4364778.5/41

Out: -1496.932+/-0.000 χ^2/NDF:3382956.2/47

All: -1396.751+/-0.000 χ^2/NDF: 1800086126

dit_atr2_4eX_slope vs Slug, Sign Corrected

Right In: 1873.852+/-0.000 χ^2/NDF: 201839.6/18

Left Out: 2126.160+/-0.317 χ^2/NDF:48244.0/24

Right Out: 1591.258+/-0.284 χ^2/NDF: 3092016.2/22

Left In: 2135.770+/-0.290 χ^2/NDF:58031.3/22

Left: 2131.403+/-0.214 χ^2/NDF: 106775.9/47

Right: 1873.852+/-0.000 χ^2/NDF: 4285196.8/41

In: 1873.852+/-0.000 χ^2/NDF:1078317.4/41

Out: 1829.029+/-0.212 χ^2/NDF:4719070.8/47

All: 1873.852+/-0.000 χ^2/NDF: 5842286.3/89

dit_atr2_11X12X_slope vs Slug, Sign Corrected

Right In: -292.986+/-0.000 χ^2/NDF: 1052792.6/18

Left Out: -257.631+/-0.020 χ^2/NDF:226942.0/24

Right Out: -247.043+/-0.055 χ^2/NDF: 1323672.5/22

Left In: -258.240+/-0.017 χ^2/NDF:268186.3/22

Left: -257.974+/-0.013 χ^2/NDF: 495658.2/47

Right: -292.986+/-0.000 χ^2/NDF: 3071021.6/41

In: -292.986+/-0.000 χ^2/NDF:5267627.5/41

Out: -256.415+/-0.019 χ^2/NDF:1583268.0/47

All: -292.986+/-0.000 χ^2/NDF: 10682784.3/8

dit_atr2_4aY_slope vs Slug, Sign Corrected

Right In: -78.728+/-0.000 χ^2/NDF: 1567428.2/18

Left Out: -4.036+/-0.017 χ^2/NDF:1369619.3/24

Right Out: -5.769+/-0.000 χ^2/NDF: 115536.7/22

Left In: -13.213+/-0.017 χ^2/NDF:1356033.4/22

Left: -8.666+/-0.012 χ^2/NDF: 2871427.0/47

Right: -6.288+/-0.000 χ^2/NDF: 2878797679293380

In: -78.728+/-0.000 χ^2/NDF:17920236.6/41

Out: -5.769+/-0.000 χ^2/NDF:1495468.2/47

All: -6.288+/-0.000 χ^2/NDF: 2878797679293

dit_atr2_4eY_slope vs Slug, Sign Corrected

Right In: 189.551+/-0.000 χ^2/NDF: 999352.0/18

Left Out: 114.395+/-0.023 χ^2/NDF:434871.2/24

Right Out: 137.294+/-0.057 χ^2/NDF: 127301.7/22

Left In: 116.538+/-0.024 χ^2/NDF:458128.6/22

Left: 115.418+/-0.016 χ^2/NDF: 897301.5/47

Right: 189.551+/-0.000 χ^2/NDF: 1962427.2/41

In: 189.551+/-0.000 χ^2/NDF:11019293.2/41

Out: 117.484+/-0.021 χ^2/NDF:701007.3/47

All: 189.551+/-0.000 χ^2/NDF: 23503495.6/89

dit_sam1_4aX_slope vs Slug, Sign Corrected

Right In: -1.007+/-0.000 χ^2/NDF: 7861.7/18

Left Out: 2.143+/-0.015 χ^2/NDF:6585.0/24

Right Out: -11.872+/-0.000 χ^2/NDF: 597435.7/22

Left In: 2.313+/-0.014 χ^2/NDF:7446.3/22

Left: 2.231+/-0.010 χ^2/NDF: 14101.5/47

Right: -1.365+/-0.000 χ^2/NDF: 2170760676638215

In: -1.007+/-0.000 χ^2/NDF:71031.9/41

Out: -11.872+/-0.000 χ^2/NDF:1519252.7/47

All: -1.365+/-0.000 χ^2/NDF: 2170760676638

dit_sam1_4eX_slope vs Slug, Sign Corrected

Right In: -7.899+/-0.000 χ^2/NDF: 44434.3/18

Left Out: -16.595+/-0.014 χ^2/NDF:8432.7/24

Right Out: -2.410+/-0.000 χ^2/NDF: 311045.8/22

Left In: -16.625+/-0.015 χ^2/NDF:6289.5/22

Left: -16.610+/-0.010 χ^2/NDF: 14724.4/47

Right: -4.135+/-0.000 χ^2/NDF: 2879850560728951

In: -7.899+/-0.000 χ^2/NDF:403531.6/41

Out: -2.410+/-0.000 χ^2/NDF:1292742.9/47

All: -4.135+/-0.000 χ^2/NDF: 2879850560728

dit_sam1_11X12X_slope vs Slug, Sign Corrected

Right In: 0.315+/-0.001 χ^2/NDF: 3229.2/18

Left Out: 0.311+/-0.000 χ^2/NDF:4975.7/24

Right Out: -0.107+/-0.000 χ^2/NDF: 230502.8/22

Left In: 0.310+/-0.000 χ^2/NDF:3074.6/22

Left: 0.310+/-0.000 χ^2/NDF: 8056.7/47

Right: -0.107+/-0.000 χ^2/NDF: 421973.9/41

In: 0.310+/-0.000 χ^2/NDF:6329.7/41

Out: -0.107+/-0.000 χ^2/NDF:3672752.9/47

All: -0.107+/-0.000 χ^2/NDF: 7169749.7/89

dit_sam1_4aY_slope vs Slug, Sign Corrected

Right In: -38.539+/-0.000 χ^2/NDF: 14981898.0/18

Left Out: -50.438+/-0.001 χ^2/NDF:299897.3/24

Right Out: -52.736+/-0.002 χ^2/NDF: 89436.0/22

Left In: -50.276+/-0.001 χ^2/NDF:190236.3/22

Left: -50.350+/-0.001 χ^2/NDF: 497837.6/47

Right: -38.539+/-0.000 χ^2/NDF: 72183033.0/41

In: -38.539+/-0.000 χ^2/NDF:103140959.0/41

Out: -51.235+/-0.001 χ^2/NDF:1366691.0/47

All: -38.539+/-0.000 χ^2/NDF: 236221320.5/8

dit_sam1_4eY_slope vs Slug, Sign Corrected

Right In: -60.594+/-0.000 χ^2/NDF: 26489664.8/18

Left Out: 6.641+/-0.004 χ^2/NDF:340462.4/24

Right Out: 6.696+/-0.011 χ^2/NDF: 1269040.7/22

Left In: 7.179+/-0.003 χ^2/NDF:214127.6/22

Left: 6.926+/-0.003 χ^2/NDF: 565961.5/47

Right: -60.594+/-0.000 χ^2/NDF: 66294920.8/41

In: -60.594+/-0.000 χ^2/NDF:410560526.8/41

Out: 6.646+/-0.003 χ^2/NDF:1609526.7/47

All: -60.594+/-0.000 χ^2/NDF: 784771373.2/8

dit_sam2_4aX_slope vs Slug, Sign Corrected

Right In: 58.880+/-0.000 χ^2/NDF: 4450.3/18

Left Out: 46.995+/-0.215 χ^2/NDF:9203.7/24

Right Out: 95.846+/-0.000 χ^2/NDF: 65354.0/22

Left In: 50.144+/-0.212 χ^2/NDF:6667.7/22

Left: 48.595+/-0.151 χ^2/NDF: 15980.5/47

Right: 60.098+/-0.000 χ^2/NDF: 9815233945666380

In: 58.880+/-0.000 χ^2/NDF:12823.9/41

Out: 95.846+/-0.000 χ^2/NDF:126198.6/47

All: 60.098+/-0.000 χ^2/NDF: 9815233945666

dit_sam2_4eX_slope vs Slug, Sign Corrected

Right In: -345.327+/-0.238 χ^2/NDF: 51356.1/18

Left Out: -223.342+/-0.215 χ^2/NDF:22293.9/24

Right Out: -498.692+/-0.000 χ^2/NDF: 944634.1/22

Left In: -232.094+/-0.217 χ^2/NDF:17468.1/22

Left: -227.678+/-0.153 χ^2/NDF: 40579.8/47

Right: -498.692+/-0.000 χ^2/NDF: 1410330.5/41

In: -283.541+/-0.161 χ^2/NDF:192068.3/41

Out: -498.692+/-0.000 χ^2/NDF:2600591.4/47

All: -498.692+/-0.000 χ^2/NDF: 4587415.5/89

dit_sam2_11X12X_slope vs Slug, Sign Corrected

Right In: 1.930+/-0.000 χ^2/NDF: 60018.0/18

Left Out: 0.539+/-0.002 χ^2/NDF:10792.6/24

Right Out: 3.123+/-0.000 χ^2/NDF: 513359.2/22

Left In: 0.577+/-0.001 χ^2/NDF:15533.6/22

Left: 0.561+/-0.001 χ^2/NDF: 26629.0/47

Right: 2.073+/-0.000 χ^2/NDF: 38099534578085305

In: 1.930+/-0.000 χ^2/NDF:944748.7/41

Out: 3.123+/-0.000 χ^2/NDF:2909194.8/47

All: 2.073+/-0.000 χ^2/NDF: 38099534578085

dit_sam2_4aY_slope vs Slug, Sign Corrected

Right In: 54.556+/-0.000 χ^2/NDF: 9929026.6/18

Left Out: 11.095+/-0.005 χ^2/NDF:381518.3/24

Right Out: 17.454+/-0.018 χ^2/NDF: 99967.9/22

Left In: 11.477+/-0.005 χ^2/NDF:381285.2/22

Left: 11.291+/-0.004 χ^2/NDF: 765409.6/47

Right: 54.556+/-0.000 χ^2/NDF: 14164595.0/41

In: 54.556+/-0.000 χ^2/NDF:78255762.5/41

Out: 11.600+/-0.005 χ^2/NDF:593338.9/47

All: 54.556+/-0.000 χ^2/NDF: 148698129.5/89

dit_sam2_4eY_slope vs Slug, Sign Corrected

Right In: -382.108+/-0.000 χ^2/NDF: 19117018.9/18

Left Out: -190.703+/-0.011 χ^2/NDF:1602184.8/24

Right Out: -483.800+/-0.000 χ^2/NDF: 25238581.7/22

Left In: -192.488+/-0.011 χ^2/NDF:1500910.9/22

Left: -191.577+/-0.008 χ^2/NDF: 3115630.8/47

Right: -417.999+/-0.000 χ^2/NDF: 12425488813367

In: -382.108+/-0.000 χ^2/NDF:297731175.1/41

Out: -483.800+/-0.000 χ^2/NDF:717020526.6/47

All: -417.999+/-0.000 χ^2/NDF: 12425488813

dit_sam3_4aX_slope vs Slug, Sign Corrected

Right In: -26.504+/-0.000 χ^2/NDF: 1186.3/18

Left Out: -29.022+/-0.235 χ^2/NDF:7110.5/24

Right Out: -26.577+/-0.000 χ^2/NDF: 3024.9/22

Left In: -28.215+/-0.215 χ^2/NDF:7786.5/22

Left: -28.582+/-0.158 χ^2/NDF: 14903.4/47

Right: -26.530+/-0.000 χ^2/NDF: 412159279654659

In: -26.504+/-0.000 χ^2/NDF:9036.4/41

Out: -26.577+/-0.000 χ^2/NDF:10243.9/47

All: -26.530+/-0.000 χ^2/NDF: 412159279654

dit_sam3_4eX_slope vs Slug, Sign Corrected

Right In: -79.376+/-0.000 χ^2/NDF: 1727.7/18

Left Out: -57.300+/-0.229 χ^2/NDF:13067.7/24

Right Out: -83.111+/-0.167 χ^2/NDF: 11970.7/22

Left In: -61.164+/-0.218 χ^2/NDF:8941.7/22

Left: -59.332+/-0.158 χ^2/NDF: 22158.9/47

Right: -79.376+/-0.000 χ^2/NDF: 14201.0/41

In: -79.376+/-0.000 χ^2/NDF:17675.2/41

Out: -74.188+/-0.135 χ^2/NDF:33336.4/47

All: -79.376+/-0.000 χ^2/NDF: 52493.9/89

dit_sam3_11X12X_slope vs Slug, Sign Corrected

Right In: 0.521+/-0.000 χ^2/NDF: 3551.8/18

Left Out: 0.326+/-0.002 χ^2/NDF:10419.3/24

Right Out: 0.424+/-0.011 χ^2/NDF: 3254.0/22

Left In: 0.396+/-0.001 χ^2/NDF:11392.0/22

Left: 0.365+/-0.001 χ^2/NDF: 22859.4/47

Right: 0.521+/-0.000 χ^2/NDF: 6886.4/41

In: 0.521+/-0.000 χ^2/NDF:22460.6/41

Out: 0.328+/-0.002 χ^2/NDF:13754.3/47

All: 0.521+/-0.000 χ^2/NDF: 50967.7/89

dit_sam3_4aY_slope vs Slug, Sign Corrected

Right In: -2.320+/-0.000 χ^2/NDF: 273154.0/18

Left Out: -6.802+/-0.002 χ^2/NDF:14918.8/24

Right Out: -4.999+/-0.010 χ^2/NDF: 53744.0/22

Left In: -6.836+/-0.002 χ^2/NDF:9245.1/22

Left: -6.819+/-0.002 χ^2/NDF: 24259.8/47

Right: -2.320+/-0.000 χ^2/NDF: 397454.1/41

In: -2.320+/-0.000 χ^2/NDF:3794479.2/41

Out: -6.699+/-0.002 χ^2/NDF:98791.4/47

All: -2.320+/-0.000 χ^2/NDF: 7181605.1/89

dit_sam3_4eY_slope vs Slug, Sign Corrected

Right In: 11.268+/-0.000 χ^2/NDF: 987334.3/18

Left Out: 29.411+/-0.008 χ^2/NDF:44374.5/24

Right Out: 37.191+/-0.000 χ^2/NDF: 1125867.9/22

Left In: 29.354+/-0.008 χ^2/NDF:14741.7/22

Left: 29.381+/-0.006 χ^2/NDF: 59141.7/47

Right: 12.122+/-0.000 χ^2/NDF: 7723055694978834

In: 11.268+/-0.000 χ^2/NDF:6266268.1/41

Out: 37.191+/-0.000 χ^2/NDF:2074019.0/47

All: 12.122+/-0.000 χ^2/NDF: 7723055694978

dit_sam4_4aX_slope vs Slug, Sign Corrected

Right In: -4.139+/-0.000 χ^2/NDF: 5376.7/18

Left Out: 51.931+/-0.276 χ^2/NDF:6225.4/24

Right Out: 51.543+/-0.163 χ^2/NDF: 57770.4/22

Left In: 54.849+/-0.247 χ^2/NDF:6325.8/22

Left: 53.548+/-0.184 χ^2/NDF: 12613.3/47

Right: -4.139+/-0.000 χ^2/NDF: 179331.7/41

In: -4.139+/-0.000 χ^2/NDF:68657.1/41

Out: 51.644+/-0.141 χ^2/NDF:63997.3/47

All: -4.139+/-0.000 χ^2/NDF: 290243.6/89

dit_sam4_4eX_slope vs Slug, Sign Corrected

Right In: -124.095+/-0.000 χ^2/NDF: 51609.4/18

Left Out: -222.063+/-0.272 χ^2/NDF:15812.2/24

Right Out: -269.778+/-0.110 χ^2/NDF: 299312.5/22

Left In: -231.069+/-0.249 χ^2/NDF:12005.6/22

Left: -226.957+/-0.184 χ^2/NDF: 28412.7/47

Right: -124.095+/-0.000 χ^2/NDF: 2102829.5/41

In: -124.095+/-0.000 χ^2/NDF:247488.3/41

Out: -263.072+/-0.102 χ^2/NDF:341536.9/47

All: -124.095+/-0.000 χ^2/NDF: 2444074.9/89

dit_sam4_11X12X_slope vs Slug, Sign Corrected

Right In: 0.888+/-0.000 χ^2/NDF: 8775.4/18

Left Out: 0.525+/-0.002 χ^2/NDF:9207.9/24

Right Out: -0.226+/-0.000 χ^2/NDF: 6106.3/22

Left In: 0.572+/-0.002 χ^2/NDF:5600.2/22

Left: 0.549+/-0.001 χ^2/NDF: 15080.9/47

Right: 0.888+/-0.000 χ^2/NDF: 422221097.7/41

In: 0.888+/-0.000 χ^2/NDF:39804.9/41

Out: -0.225+/-0.000 χ^2/NDF:153836.3/47

All: 0.888+/-0.000 χ^2/NDF: 422293674.5/89

dit_sam4_4aY_slope vs Slug, Sign Corrected

Right In: 4.057+/-0.000 χ^2/NDF: 1248749.7/18

Left Out: -16.260+/-0.010 χ^2/NDF:188515.0/24

Right Out: -22.885+/-0.026 χ^2/NDF: 116847.5/22

Left In: -17.374+/-0.009 χ^2/NDF:169487.5/22

Left: -16.854+/-0.007 χ^2/NDF: 364596.8/47

Right: 4.057+/-0.000 χ^2/NDF: 2422056.5/41

In: 4.057+/-0.000 χ^2/NDF:6648503.0/41

Out: -17.104+/-0.009 χ^2/NDF:361102.8/47

All: 4.057+/-0.000 χ^2/NDF: 12126219.8/89

dit_sam4_4eY_slope vs Slug, Sign Corrected

Right In: 158.293+/-0.000 χ^2/NDF: 2436818.1/18

Left Out: 245.391+/-0.027 χ^2/NDF:723564.6/24

Right Out: 175.536+/-0.000 χ^2/NDF: 2168302.1/22

Left In: 252.148+/-0.028 χ^2/NDF:359416.7/22

Left: 248.650+/-0.020 χ^2/NDF: 1112396.8/47

Right: 172.618+/-0.000 χ^2/NDF: 373727491225928

In: 158.293+/-0.000 χ^2/NDF:13759870.6/41

Out: 175.536+/-0.000 χ^2/NDF:9408355.0/47

All: 172.618+/-0.000 χ^2/NDF: 37372749122

dit_sam5_4aX_slope vs Slug, Sign Corrected

Right In: 3.778+/-0.000 χ^2/NDF: 7114.4/18

Left Out: 11.389+/-0.030 χ^2/NDF:4296.1/24

Right Out: 5.506+/-0.024 χ^2/NDF: 23193.4/22

Left In: 10.753+/-0.028 χ^2/NDF:9950.6/22

Left: 11.045+/-0.020 χ^2/NDF: 14487.9/47

Right: 3.778+/-0.000 χ^2/NDF: 35644.1/41

In: 3.778+/-0.000 χ^2/NDF:80399.3/41

Out: 7.752+/-0.019 χ^2/NDF:51131.8/47

All: 3.778+/-0.000 χ^2/NDF: 177221.2/89

dit_sam5_4eX_slope vs Slug, Sign Corrected

Right In: -0.287+/-0.000 χ^2/NDF: 44560.2/18

Left Out: -5.539+/-0.030 χ^2/NDF:43439.8/24

Right Out: -3.764+/-0.025 χ^2/NDF: 97683.0/22

Left In: -6.234+/-0.028 χ^2/NDF:57358.9/22

Left: -5.909+/-0.021 χ^2/NDF: 101082.7/47

Right: -0.287+/-0.000 χ^2/NDF: 162127.9/41

In: -0.287+/-0.000 χ^2/NDF:146278.1/41

Out: -4.476+/-0.019 χ^2/NDF:143204.1/47

All: -0.287+/-0.000 χ^2/NDF: 337728.0/89

dit_sam5_11X12X_slope vs Slug, Sign Corrected

Right In: 0.193+/-0.000 χ^2/NDF: 10598.8/18

Left Out: 0.320+/-0.001 χ^2/NDF:3374.4/24

Right Out: 0.286+/-0.001 χ^2/NDF: 6710.0/22

Left In: 0.340+/-0.001 χ^2/NDF:4171.9/22

Left: 0.330+/-0.000 χ^2/NDF: 8287.4/47

Right: 0.193+/-0.000 χ^2/NDF: 21384.5/41

In: 0.193+/-0.000 χ^2/NDF:91367.9/41

Out: 0.316+/-0.000 χ^2/NDF:10581.8/47

All: 0.193+/-0.000 χ^2/NDF: 168744.6/89

dit_sam5_4aY_slope vs Slug, Sign Corrected

Right In: 35.648+/-0.011 χ^2/NDF: 219035.7/18

Left Out: 31.869+/-0.003 χ^2/NDF:61955.3/24

Right Out: 89.735+/-0.000 χ^2/NDF: 25998923.7/22

Left In: 32.053+/-0.003 χ^2/NDF:32470.5/22

Left: 31.953+/-0.002 χ^2/NDF: 96020.3/47

Right: 89.735+/-0.000 χ^2/NDF: 48991256.1/41

In: 32.353+/-0.003 χ^2/NDF:343738.9/41

Out: 89.735+/-0.000 χ^2/NDF:370961231.5/47

All: 89.735+/-0.000 χ^2/NDF: 679266716.1/89

dit_sam5_4eY_slope vs Slug, Sign Corrected

Right In: 88.229+/-0.031 χ^2/NDF: 2467925.5/18

Left Out: 117.323+/-0.008 χ^2/NDF:172684.3/24

Right Out: 27.798+/-0.000 χ^2/NDF: 9733623.5/22

Left In: 117.061+/-0.009 χ^2/NDF:62905.3/22

Left: 117.207+/-0.006 χ^2/NDF: 236083.4/47

Right: 27.798+/-0.000 χ^2/NDF: 15952126.1/41

In: 114.932+/-0.008 χ^2/NDF:3321529.7/41

Out: 27.798+/-0.000 χ^2/NDF:140158496.2/47

All: 27.798+/-0.000 χ^2/NDF: 249084799.1/89

dit_sam6_4aX_slope vs Slug, Sign Corrected

Right In: 48.450+/-0.000 χ^2/NDF: 3087.7/18

Left Out: 68.044+/-0.132 χ^2/NDF:6670.6/24

Right Out: 27.342+/-0.000 χ^2/NDF: 27586.1/22

Left In: 67.852+/-0.126 χ^2/NDF:5519.9/22

Left: 67.943+/-0.091 χ^2/NDF: 12191.7/47

Right: 28.365+/-0.000 χ^2/NDF: 1026290104888328

In: 48.450+/-0.000 χ^2/NDF:32463.2/41

Out: 27.342+/-0.000 χ^2/NDF:128974.6/47

All: 28.365+/-0.000 χ^2/NDF: 1026290104888

dit_sam6_4eX_slope vs Slug, Sign Corrected

Right In: -14.539+/-0.142 χ^2/NDF: 20859.7/18

Left Out: 4.920+/-0.132 χ^2/NDF:10378.5/24

Right Out: -5.568+/-0.000 χ^2/NDF: 63140.6/22

Left In: 4.129+/-0.127 χ^2/NDF:6161.4/22

Left: 4.508+/-0.092 χ^2/NDF: 16558.6/47

Right: -5.568+/-0.000 χ^2/NDF: 88017.9/41

In: -4.191+/-0.094 χ^2/NDF:36663.7/41

Out: -5.568+/-0.000 χ^2/NDF:79811.9/47

All: -5.568+/-0.000 χ^2/NDF: 116687.9/89

dit_sam6_11X12X_slope vs Slug, Sign Corrected

Right In: 0.830+/-0.000 χ^2/NDF: 15203.0/18

Left Out: 0.513+/-0.001 χ^2/NDF:15206.1/24

Right Out: 0.227+/-0.000 χ^2/NDF: 13024.0/22

Left In: 0.536+/-0.001 χ^2/NDF:11764.8/22

Left: 0.526+/-0.001 χ^2/NDF: 27282.9/47

Right: 0.289+/-0.000 χ^2/NDF: 29066082561457147

In: 0.830+/-0.000 χ^2/NDF:142207.4/41

Out: 0.227+/-0.000 χ^2/NDF:116498.9/47

All: 0.289+/-0.000 χ^2/NDF: 29066082561457

dit_sam6_4aY_slope vs Slug, Sign Corrected

Right In: 22.383+/-0.009 χ^2/NDF: 126757.5/18

Left Out: 15.194+/-0.004 χ^2/NDF:417095.1/24

Right Out: 23.014+/-0.009 χ^2/NDF: 166429.2/22

Left In: 15.044+/-0.005 χ^2/NDF:285851.6/22

Left: 15.125+/-0.003 χ^2/NDF: 703514.0/47

Right: 22.706+/-0.006 χ^2/NDF: 295568.6/41

In: 16.510+/-0.004 χ^2/NDF:916837.6/41

Out: 16.620+/-0.004 χ^2/NDF:1195760.3/47

All: 16.569+/-0.003 χ^2/NDF: 2112975.1/89

dit_sam6_4eY_slope vs Slug, Sign Corrected

Right In: -2.596+/-0.000 χ^2/NDF: 7868227.6/18

Left Out: 108.162+/-0.009 χ^2/NDF:1076822.4/24

Right Out: 1.758+/-0.000 χ^2/NDF: 4467800.0/22

Left In: 107.543+/-0.009 χ^2/NDF:988940.0/22

Left: 107.853+/-0.007 χ^2/NDF: 2067974.4/47

Right: -1.059+/-0.000 χ^2/NDF: 3731791751577379

In: -2.596+/-0.000 χ^2/NDF:148424223.7/41

Out: 1.758+/-0.000 χ^2/NDF:136333363.8/47

All: -1.059+/-0.000 χ^2/NDF: 3731791751577

dit_sam7_4aX_slope vs Slug, Sign Corrected

Right In: 83.573+/-0.000 χ^2/NDF: 50046.2/18

Left Out: 86.505+/-0.060 χ^2/NDF:8553.0/24

Right Out: 93.762+/-0.000 χ^2/NDF: 86140.9/22

Left In: 86.310+/-0.051 χ^2/NDF:8666.5/22

Left: 86.393+/-0.039 χ^2/NDF: 17225.5/47

Right: 87.169+/-0.000 χ^2/NDF: 1995684404141260

In: 83.573+/-0.000 χ^2/NDF:61544.8/41

Out: 93.762+/-0.000 χ^2/NDF:109363.4/47

All: 87.169+/-0.000 χ^2/NDF: 1995684404141

dit_sam7_4eX_slope vs Slug, Sign Corrected

Right In: -123.524+/-0.000 χ^2/NDF: 162821.1/18

Left Out: -129.492+/-0.059 χ^2/NDF:10775.3/24

Right Out: -133.456+/-0.000 χ^2/NDF: 396826.3/22

Left In: -129.256+/-0.052 χ^2/NDF:6558.2/22

Left: -129.358+/-0.039 χ^2/NDF: 17342.6/47

Right: -124.716+/-0.000 χ^2/NDF: 64467869901657

In: -123.524+/-0.000 χ^2/NDF:181742.2/41

Out: -133.456+/-0.000 χ^2/NDF:412083.2/47

All: -124.716+/-0.000 χ^2/NDF: 64467869901

dit_sam7_11X12X_slope vs Slug, Sign Corrected

Right In: 0.376+/-0.000 χ^2/NDF: 4114.4/18

Left Out: 0.401+/-0.000 χ^2/NDF:9030.9/24

Right Out: 0.356+/-0.002 χ^2/NDF: 5109.8/22

Left In: 0.410+/-0.000 χ^2/NDF:8478.2/22

Left: 0.406+/-0.000 χ^2/NDF: 17715.3/47

Right: 0.376+/-0.000 χ^2/NDF: 9390.2/41

In: 0.376+/-0.000 χ^2/NDF:18485.4/41

Out: 0.396+/-0.000 χ^2/NDF:14926.0/47

All: 0.376+/-0.000 χ^2/NDF: 35301.7/89

dit_sam7_4aY_slope vs Slug, Sign Corrected

Right In: 7.032+/-0.000 χ^2/NDF: 19951.1/18

Left Out: 7.199+/-0.001 χ^2/NDF:37453.7/24

Right Out: 7.238+/-0.002 χ^2/NDF: 10406.2/22

Left In: 7.233+/-0.001 χ^2/NDF:23085.0/22

Left: 7.217+/-0.001 χ^2/NDF: 61326.3/47

Right: 7.032+/-0.000 χ^2/NDF: 38065.1/41

In: 7.032+/-0.000 χ^2/NDF:101797.4/41

Out: 7.204+/-0.001 χ^2/NDF:48106.6/47

All: 7.032+/-0.000 χ^2/NDF: 191716.1/89

dit_sam7_4eY_slope vs Slug, Sign Corrected

Right In: -10.092+/-0.000 χ^2/NDF: 545965.9/18

Left Out: -11.899+/-0.002 χ^2/NDF:498866.6/24

Right Out: -12.489+/-0.004 χ^2/NDF: 104821.5/22

Left In: -12.169+/-0.002 χ^2/NDF:49568.3/22

Left: -12.033+/-0.001 χ^2/NDF: 561016.9/47

Right: -10.092+/-0.000 χ^2/NDF: 1086239.9/41

In: -10.092+/-0.000 χ^2/NDF:2078381.6/41

Out: -12.004+/-0.002 χ^2/NDF:625311.3/47

All: -10.092+/-0.000 χ^2/NDF: 4260619.2/89

dit_sam8_4aX_slope vs Slug, Sign Corrected

Right In: 57.510+/-0.000 χ^2/NDF: 9257.2/18

Left Out: 61.615+/-0.039 χ^2/NDF:7756.9/24

Right Out: 66.431+/-0.013 χ^2/NDF: 16785.6/22

Left In: 61.383+/-0.033 χ^2/NDF:8900.0/22

Left: 61.479+/-0.025 χ^2/NDF: 16677.8/47

Right: 57.510+/-0.000 χ^2/NDF: 507017.9/41

In: 57.510+/-0.000 χ^2/NDF:32309.9/41

Out: 65.956+/-0.012 χ^2/NDF:38364.7/47

All: 57.510+/-0.000 χ^2/NDF: 548968.3/89

dit_sam8_4eX_slope vs Slug, Sign Corrected

Right In: -74.974+/-0.000 χ^2/NDF: 148262.6/18

Left Out: -95.342+/-0.039 χ^2/NDF:9387.4/24

Right Out: -101.426+/-0.017 χ^2/NDF: 94860.6/22

Left In: -95.301+/-0.033 χ^2/NDF:11271.5/22

Left: -95.319+/-0.025 χ^2/NDF: 20659.5/47

Right: -74.974+/-0.000 χ^2/NDF: 2623311.2/41

In: -74.974+/-0.000 χ^2/NDF:534486.1/41

Out: -100.428+/-0.016 χ^2/NDF:124900.2/47

All: -74.974+/-0.000 χ^2/NDF: 3295883.5/89

dit_sam8_11X12X_slope vs Slug, Sign Corrected

Right In: 0.541+/-0.000 χ^2/NDF: 29183.6/18

Left Out: 0.371+/-0.000 χ^2/NDF:6797.7/24

Right Out: 0.030+/-0.000 χ^2/NDF: 124539.7/22

Left In: 0.372+/-0.000 χ^2/NDF:6020.6/22

Left: 0.372+/-0.000 χ^2/NDF: 12824.6/47

Right: 0.030+/-0.000 χ^2/NDF: 23314297700963382

In: 0.541+/-0.000 χ^2/NDF:334320.1/41

Out: 0.030+/-0.000 χ^2/NDF:985129.2/47

All: 0.030+/-0.000 χ^2/NDF: 2331429770096

dit_sam8_4aY_slope vs Slug, Sign Corrected

Right In: -51.889+/-0.002 χ^2/NDF: 78407.8/18

Left Out: -48.497+/-0.001 χ^2/NDF:699790.4/24

Right Out: -52.678+/-0.003 χ^2/NDF: 57831.7/22

Left In: -48.669+/-0.001 χ^2/NDF:809321.2/22

Left: -48.594+/-0.001 χ^2/NDF: 1523797.8/47

Right: -52.230+/-0.002 χ^2/NDF: 190488.3/41

In: -49.152+/-0.001 χ^2/NDF:2664195.7/41

Out: -49.116+/-0.001 χ^2/NDF:3039044.9/47

All: -49.137+/-0.001 χ^2/NDF: 5703990.8/89

dit_sam8_4eY_slope vs Slug, Sign Corrected

Right In: 47.545+/-0.000 χ^2/NDF: 3606998.9/18

Left Out: 54.787+/-0.003 χ^2/NDF:301226.3/24

Right Out: 62.808+/-0.007 χ^2/NDF: 390670.7/22

Left In: 54.755+/-0.003 χ^2/NDF:100763.3/22

Left: 54.769+/-0.002 χ^2/NDF: 402054.6/47

Right: 47.545+/-0.000 χ^2/NDF: 8280249.0/41

In: 47.545+/-0.000 χ^2/NDF:11362558.4/41

Out: 55.890+/-0.003 χ^2/NDF:1711989.5/47

All: 47.545+/-0.000 χ^2/NDF: 22384659.3/89

dit_4aX_coil1_mean vs Slug, Sign Corrected

Left: 16.408+/-0.000 χ^2/NDF: 4387510726187305

Right In: -289.322+/-0.000 χ^2/NDF: 53696816404848914786495853921839349 76.0/14

Right: -11.129+/-0.000 χ^2/NDF: 108768514077982

Left Out: -471.791+/-0.000 χ^2/NDF:4407577357733372304653153526381281280.0/11

In: 173.938+/-0.000 χ^2/NDF:2434992102571034

Right Out: 259.558+/-0.000 χ^2/NDF: 42998867926921239707845639837707 14112.0/15

Out: -163.246+/-0.000 χ^2/NDF:214955339400548

Left In: 499.323+/-0.000 χ^2/NDF:10187894616066444101072217184655114 24.0/10

All: 4.918+/-0.000 χ^2/NDF: 5481010805807

dit_4aX_coil1_err_mean vs Slug, Sign Corrected

Left: -0.132+/-0.000 χ^2/NDF: 11395661588137733

Right In: 5.270+/-0.000 χ^2/NDF: 87096832921237983305509067900846 08.0/14

Right: 0.201+/-0.000 χ^2/NDF: 48467955168543439

Left Out: 7.291+/-0.000 χ^2/NDF:67180535151728638858364323511664 64.0/11

In: -2.217+/-0.000 χ^2/NDF:77685923011797950 8

Right Out: -4.732+/-0.000 χ^2/NDF: 68568930725752115628022814264524 80.0/15

Out: 2.219+/-0.000 χ^2/NDF:69311143911144933 8

Left In: -7.475+/-0.000 χ^2/NDF:70578121393995795388702445503774 72.0/10

All: 0.007+/-0.000 χ^2/NDF: 16250941727402

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eX_coil1_mean vs Slug, Sign Corrected

Left: 16.495+/-0.000 χ^2/NDF: 4299214523366525
Right In: -285.187+/-0.000 χ^2/NDF: 447958526285354983809252192129174732 8.0/14
Right: -10.589+/-0.000 χ^2/NDF: 104681795299957
Left Out: -466.012+/-0.000 χ^2/NDF:5190970068830574132794472761412026368.0/11
In: 172.388+/-0.000 χ^2/NDF:2372579446199701
Right Out: 256.599+/-0.000 χ^2/NDF: 364827153597103916595260256319176704 0.0/15
Out: -161.153+/-0.000 χ^2/NDF:210188051150550
Left In: 493.780+/-0.000 χ^2/NDF:1451794731277142230901460532226686976.0/10
All: 5.194+/-0.000 χ^2/NDF: 5351657860552

dit_4eX_coil1_err_mean vs Slug, Sign Corrected

Right In: 4.959+/-0.000 χ^2/NDF: 1046546705714337181737168164146380 8.0/14

Left Out: 6.828+/-0.000 χ^2/NDF:5374095498583312473439971131260928.0/11

Right Out: -4.429+/-0.000 χ^2/NDF: 8371440400334524571131796772618240.0/15

Left In: -6.978+/-0.000 χ^2/NDF:5622697014277754941158413236699136.0/10

Left: -0.112+/-0.000 χ^2/NDF: 98575453845748466

Right: 0.201+/-0.000 χ^2/NDF: 4782630088490530 0

In: -2.053+/-0.000 χ^2/NDF:704055543100119257

Out: 2.079+/-0.000 χ^2/NDF:626104177981069701

All: 0.018+/-0.000 χ^2/NDF: 1464768921407 0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_11X12X_coil1_mean vs Slug, Sign Corrected

Left: 7.357+/-0.000 χ^2/NDF: 946302102045066653

Right In: -210.261+/-0.000 χ^2/NDF: 5677110765680684091924677004948930 56.0/14

Right: -3.979+/-0.000 χ^2/NDF: 5596508618889263

Left Out: -219.729+/-0.000 χ^2/NDF:691090878567021644145539364306288640.0/11

In: 49.520+/-0.000 χ^2/NDF:75312551342115055 4

Right Out: 196.736+/-0.000 χ^2/NDF: 9095888950930448406336405147903590 40.0/15

Out: -44.029+/-0.000 χ^2/NDF:6848097439733710

Left In: 231.985+/-0.000 χ^2/NDF:1829920272804014631390651052908871 68.0/10

All: 2.627+/-0.000 χ^2/NDF: 15069384503151

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected

Left: 0.040+/-0.000 χ^2/NDF: 250357817472556188

Right In: 6.842+/-0.000 χ^2/NDF: 935593416682332446731664762077184 0/14

Right: 0.484+/-0.000 χ^2/NDF: 64278461955509291

Left Out: 11.263+/-0.000 χ^2/NDF:169504843044958267355265373894082 56.0/11

In: -3.675+/-0.000 χ^2/NDF:135955249397154669

Right Out: -5.701+/-0.000 χ^2/NDF: 317469339830095339313773179148697 6.0/15

Out: 4.106+/-0.000 χ^2/NDF:131096875714597245

Left In: -11.061+/-0.000 χ^2/NDF:441755938778495440031193371351449 6.0/10

All: 0.226+/-0.000 χ^2/NDF: 3147874341547

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aY_coil1_mean vs Slug, Sign Corrected

Left: 0.125+/-0.000 χ^2/NDF: 36741877851651066
Right In: 2.171+/-0.000 χ^2/NDF: 35998192469099756784104996916428 80.0/14
Right: -0.018+/-0.000 χ^2/NDF: 1282950255194488
Left Out: 3.848+/-0.000 χ^2/NDF:503959945758893675940636016613785 6.0/11
In: -1.195+/-0.000 χ^2/NDF:226097487134650351
Right Out: -2.148+/-0.000 χ^2/NDF: 309388733623937895960632193187 8400.0/15
Out: 1.319+/-0.000 χ^2/NDF:21996427060229327 9
Left In: -3.559+/-0.000 χ^2/NDF:649266734510996254065216575871 3856.0/10
All: 0.065+/-0.000 χ^2/NDF: 4958691380061 8

dit_4aY_coil1_err_mean vs Slug, Sign Corrected

Left: -0.026+/-0.000 χ^2/NDF: 65568039047872649

Right In: 1.691+/-0.000 χ^2/NDF: 612163393317609859674079412355072.0/14

Right: 0.093+/-0.000 χ^2/NDF: 43263312753970357

Left Out: 1.847+/-0.000 χ^2/NDF:84162850183102511254837045231616.0/11

In: -0.406+/-0.000 χ^2/NDF:55619651777118776 5

Right Out: -1.462+/-0.000 χ^2/NDF: 444384511662519040022371754835968.0/15

Out: 0.451+/-0.000 χ^2/NDF:47521424919016649 0

Left In: -1.879+/-0.000 χ^2/NDF:90968052268112309617342982127616.0/10

All: 0.024+/-0.000 χ^2/NDF: 1089396040046 2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4eY_coil1_mean vs Slug, Sign Corrected

Left: -0.237+/-0.000 χ^2/NDF: 40330727078704471

Right In: 3.181+/-0.000 χ^2/NDF: 58333032278682526177045663941918 72.0/14

Right: 0.032+/-0.000 χ^2/NDF: 23467771565313990

Left Out: 3.878+/-0.000 χ^2/NDF:246358464028915850445921989741772 8.0/11

In: -1.218+/-0.000 χ^2/NDF:342914810766388262

Right Out: -3.032+/-0.000 χ^2/NDF: 49372098313717939454965468333342 72.0/15

Out: 0.963+/-0.000 χ^2/NDF:25811484949024746 6

Left In: -4.308+/-0.000 χ^2/NDF:707349566769428035180316810700390 4.0/10

All: -0.125+/-0.000 χ^2/NDF: 6385427084403

dit_4eY_coil1_err_mean vs Slug, Sign Corrected

Left: -0.024+/-0.000 χ^2/NDF: 6841688132023848

Right In: 1.607+/-0.000 χ^2/NDF: 460949628640148184181205735833600.0/14

Right: 0.091+/-0.000 χ^2/NDF: 3759027904529624

Left Out: 1.889+/-0.000 χ^2/NDF:9409732606406618817758724148428 8.0/11

In: -0.463+/-0.000 χ^2/NDF:5286971171108857

Right Out: -1.383+/-0.000 χ^2/NDF: 358348897016286200957650337792000.0/15

Out: 0.509+/-0.000 χ^2/NDF:4580158091435644

Left In: -1.916+/-0.000 χ^2/NDF:952765158090162098756996919459 84.0/10

All: 0.024+/-0.000 χ^2/NDF: 1061091914309

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_usl_coil1_mean vs Slug, Sign Corrected

Left: -2133.218+/-0.000 χ^2/NDF: 18043574400904
Right In: 17988.185+/-0.000 χ^2/NDF: 248151118099842171035440012375529525084 16.0/14
Right: 804.617+/-0.000 χ^2/NDF: 422864756621879
Left Out: 30938.190+/-0.000 χ^2/NDF:222312016952578697732753691000223951749 12.0/10
In: -11639.062+/-0.000 χ^2/NDF:10011854186963
Right Out: -15915.227+/-0.000 χ^2/NDF: 199541896747059527070422874160872239923 20.0/15
Out: 10296.691+/-0.000 χ^2/NDF:8613400565177 2
Left In: -32448.675+/-0.000 χ^2/NDF:6566176061380629796456552080625585094656.0/10
All: -880.808+/-0.000 χ^2/NDF: 22337383681

dit_usl_coil1_err_mean vs Slug, Sign Corrected

Left: -53.927+/-0.000 χ^2/NDF: 9637444088890032
Right In: 369.169+/-0.000 χ^2/NDF: 48053036789565485994195833341370957824.0/14
Right: -5.517+/-0.000 χ^2/NDF: 2760339889261500
Left Out: 686.240+/-0.000 χ^2/NDF:3441723616784298376615921256251365785 6.0/10
In: -277.915+/-0.000 χ^2/NDF:5506122743016459
Right Out: -370.091+/-0.000 χ^2/NDF: 482144629070521075430370371253169029 12.0/15
Out: 220.868+/-0.000 χ^2/NDF:4990060425301362
Left In: -732.414+/-0.000 χ^2/NDF:3994210584052911573656959695026388992 0.0/10
All: -33.290+/-0.000 χ^2/NDF: 124154771081

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -68.820+/-0.000 χ^2/NDF: 2709064239069646

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1208.342+/-0.000 χ^2/NDF:319202709490654562159551156367015280 64.0/10

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 231.285+/-0.000 χ^2/NDF:191189164590426 4

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -37.580+/-0.000 χ^2/NDF: 41729681517 4

dit_usr_coil1_mean vs Slug, Sign Corrected

Left: 934.162+/-0.000 χ^2/NDF: 1449134260498682

Right In: -18100.637+/-0.000 χ^2/NDF: 14634967546173586967632040765428699496448.0/14

Right: -425.015+/-0.000 χ^2/NDF: 42892863582613

Left Out: -27085.326+/-0.000 χ^2/NDF:16913671790830002451724713056210492850176.0/11

In: 9361.516+/-0.000 χ^2/NDF:8527147862381255

Right Out: 16773.604+/-0.000 χ^2/NDF: 14234547931135812277474342886568366178304.0/15

Out: -8581.907+/-0.000 χ^2/NDF:77289596182504

Left In: 28650.410+/-0.000 χ^2/NDF:48388275359810808267259474743447655546 88.0/10

All: 367.048+/-0.000 χ^2/NDF: 187947964191

dit_usr_coil1_err_mean vs Slug, Sign Corrected

Right In: 540.663+/-0.000 χ^2/NDF: 6454681969598677472167878508297584640 0.0/14

Left Out: 714.147+/-0.000 χ^2/NDF:4316097547863146024857574592815615180 8.0/11

Right Out: -477.546+/-0.000 χ^2/NDF: 3879830650429695446153711680976060416 0.0/15

Left In: -712.092+/-0.000 χ^2/NDF:3409204592050328493642785510146021785 6.0/10

Left: -2.853+/-0.000 χ^2/NDF: 10119212919667896

Right: 24.595+/-0.000 χ^2/NDF: 4443717563002768

In: -195.221+/-0.000 χ^2/NDF:6969405075379816

Out: 211.390+/-0.000 χ^2/NDF:6295663774355160

All: 8.600+/-0.000 χ^2/NDF: 14568707976042

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl1_coil1_mean vs Slug, Sign Corrected

Left: 2324.752+/-0.000 χ^2/NDF: 607066825649852

Right In: -10710.292+/-0.000 χ^2/NDF: 169452261520535118404826184022501705646 08.0/14

Right: 225.546+/-0.000 χ^2/NDF: 184316555733630

Left Out: -13705.488+/-0.000 χ^2/NDF:138226511026527050662319693841079709204480.0/11

In: 6261.113+/-0.000 χ^2/NDF:336815857232803 3

Right Out: 10866.264+/-0.000 χ^2/NDF: 1423476283885838248452590164413162664755 2.0/15

Out: -3339.037+/-0.000 χ^2/NDF:38527704471172

Left In: 18181.504+/-0.000 χ^2/NDF:164361718357264786881891428916283834368 0.0/10

All: 1448.863+/-0.000 χ^2/NDF: 7947628614 2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected

Left: -14.334+/-0.000 χ^2/NDF: 9951844683767870

Right In: 687.939+/-0.000 χ^2/NDF: 40929714110430150981775339075902478745 6.0/14

Right: -214.338+/-0.000 χ^2/NDF: 33349422342847

Left Out: 701.825+/-0.000 χ^2/NDF:290117524522646242642824485730988851 20.0/11

In: -140.714+/-0.000 χ^2/NDF:1201648470022181

Right Out: -1092.265+/-0.000 χ^2/NDF: 18831981429296058134562338129469484564 48.0/15

Out: -55.074+/-0.000 χ^2/NDF:3153372442385616

Left In: -722.743+/-0.000 χ^2/NDF:3369313711651394807786033041053528883 2.0/10

All: -97.785+/-0.000 χ^2/NDF: 436080381727

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atl2_coil1_mean vs Slug, Sign Corrected

Left: -1505.264+/-0.000 χ^2/NDF: 44236547320359

Right In: 29415.830+/-0.000 χ^2/NDF: 7176498963892808290677497975389480917401 6.0/14

Right: 1854.518+/-0.000 χ^2/NDF: 10900867071107

Left Out: 47501.916+/-0.000 χ^2/NDF:435917153349338016455651998367617667563 52.0/11

In: -17223.492+/-0.000 χ^2/NDF:2488559220268 4

Right Out: -24963.010+/-0.000 χ^2/NDF: 4563157292012217197283596168549431561 4208.0/15

Out: 16930.059+/-0.000 χ^2/NDF:211408733919 29

Left In: -49982.063+/-0.000 χ^2/NDF:135058210193056038461211213447179702108 16.0/10

All: -103.402+/-0.000 χ^2/NDF: 5522398326 8

dit_atl2_coil1_err_mean vs Slug, Sign Corrected

Right In: 1629.542+/-0.000 χ^2/NDF: 5517385553550289021946978964371522191360/14

Left Out: 3418.927+/-0.000 χ^2/NDF:1575515144069936231955966928879934767104.0/11

Right Out: -1510.293+/-0.000 χ^2/NDF: 6882319040468162113217745246197456568 32.0/15

Left In: -3623.095+/-0.000 χ^2/NDF:5377144503712695097191414112928409845 76.0/10

Left: -121.241+/-0.000 χ^2/NDF: 248991886844976

Right: 38.151+/-0.000 χ^2/NDF: 4482831303964084

In: -1455.923+/-0.000 χ^2/NDF:116076826116412

Out: 1339.363+/-0.000 χ^2/NDF:116328176360275

All: -54.735+/-0.000 χ^2/NDF: 294015037802

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr1_coil1_mean vs Slug, Sign Corrected

Left: -874.291+/-0.000 χ^2/NDF: 147554500401251
Right In: 15540.787+/-0.000 χ^2/NDF: 2738363588652360183237779538350971446886 4.0/14
Right: 592.797+/-0.000 χ^2/NDF: 330452519024961
Left Out: 27439.616+/-0.000 χ^2/NDF:1424702590887172581335108866881892646912 0.0/11
In: -10553.583+/-0.000 χ^2/NDF:78345234476082
Right Out: -13951.799+/-0.000 χ^2/NDF: 1695407103573958466461281343074810095206 4.0/15
Out: 9977.204+/-0.000 χ^2/NDF:691834785196318
Left In: -28881.771+/-0.000 χ^2/NDF:3761764043421234560623243625754374701056.0/10
All: -262.152+/-0.000 χ^2/NDF: 18076481618

dit_atr1_coil1_err_mean vs Slug, Sign Corrected

Left: -26.826+/-0.000 χ^2/NDF: 1129978912753072
Right In: 605.034+/-0.000 χ^2/NDF: 1894015227916076144486001577233628528 64.0/14
Right: -81.538+/-0.000 χ^2/NDF: 181435748538570
Left Out: 744.985+/-0.000 χ^2/NDF:1957145398427896171993624787054444126 72.0/11
In: -214.593+/-0.000 χ^2/NDF:958999774632181 4
Right Out: -749.582+/-0.000 χ^2/NDF: 1021358768377495935693748779804344188928.0/15
Out: 114.449+/-0.000 χ^2/NDF:190226279150661 6
Left In: -790.283+/-0.000 χ^2/NDF:2737599516301156010134916694943780044 8.0/10
All: -49.654+/-0.000 χ^2/NDF: 29466320745 7

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_atr2_coil1_mean vs Slug, Sign Corrected

Left: 1253.360+/-0.000 χ^2/NDF: 273699578436603
Right In: -21743.360+/-0.000 χ^2/NDF: 411068588235795273251986756753987930685 44.0/14
Right: -446.610+/-0.000 χ^2/NDF: 64780902874572
Left Out: -37210.761+/-0.000 χ^2/NDF:362348135681012665019208459049455205744 64.0/11
In: 14114.985+/-0.000 χ^2/NDF:147263048816292
Right Out: 20275.415+/-0.000 χ^2/NDF: 259358691320929202316815324176273207459 84.0/15
Out: -12958.212+/-0.000 χ^2/NDF:1336456927560
Left In: 39301.203+/-0.000 χ^2/NDF:108905571958284806558508731561164522127 36.0/10
All: 544.051+/-0.000 χ^2/NDF: 33870210816 3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected

Left: -14.745+/-0.000 χ^2/NDF: 2098375424202943
Right In: 2046.354+/-0.000 χ^2/NDF: 2665555159273488920368330583552263454 72.0/14
Right: -203.146+/-0.000 χ^2/NDF: 11161426338405
Left Out: 3249.314+/-0.000 χ^2/NDF:1190726211956001849078073092083852247040.0/11
In: -1060.961+/-0.000 χ^2/NDF:113570353346731
Right Out: -2391.939+/-0.000 χ^2/NDF: 4415294964789778815259357544579499819008.0/15
Out: 869.355+/-0.000 χ^2/NDF:1787734182120147
Left In: -3243.479+/-0.000 χ^2/NDF:4227523458095644148759411154532308090 88.0/10
All: -93.355+/-0.000 χ^2/NDF: 321724014891

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267

Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14

Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6

Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11

In: -296.360+/-0.000 χ^2/NDF:2046292009130527

Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15

Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9

Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10

All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam1_coil1_mean vs Slug, Sign Corrected

Left: -338.449+/-0.000 χ^2/NDF: 749205499962240
Right In: 2881.935+/-0.000 χ^2/NDF: 1320319391496525533692082365878834823168.0/14
Right: 74.629+/-0.000 χ^2/NDF: 1248948533864623
Left Out: 5919.511+/-0.000 χ^2/NDF:27790727000248458270279812401769857679 36.0/11
In: -2645.979+/-0.000 χ^2/NDF:360226231142325
Right Out: -2656.918+/-0.000 χ^2/NDF: 1077696846216053561130716877125509447680.0/15
Out: 2301.245+/-0.000 χ^2/NDF:32219834427088 1
Left In: -6528.681+/-0.000 χ^2/NDF:9406198322905476612046415286949243781 12.0/10
All: -166.093+/-0.000 χ^2/NDF: 8754089406 5

dit_sam1_coil1_err_mean vs Slug, Sign Corrected

Left: -8.443+/-0.000 χ^2/NDF: 30837594704815501

Right In: 138.577+/-0.000 χ^2/NDF: 4242369889979811373883774021335515136.0/14

Right: -0.492+/-0.000 χ^2/NDF: 3296375379571767

Left Out: 119.282+/-0.000 χ^2/NDF:4878457793952178791538152939852922 88.0/11

In: -21.999+/-0.000 χ^2/NDF:3342043565586624 5

Right Out: -135.809+/-0.000 χ^2/NDF: 3956401741862524263243160868173643776.0/15

Out: 11.663+/-0.000 χ^2/NDF:2953589609078656 4

Left In: -134.785+/-0.000 χ^2/NDF:6898086026323155390298606853926420 48.0/10

All: -5.125+/-0.000 χ^2/NDF: 6384982584601

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam2_coil1_mean vs Slug, Sign Corrected

Left: -2280.673+/-0.000 χ^2/NDF: 16562150487200

Right In: 69827.797+/-0.000 χ^2/NDF: 187803282116493131197684060541288926150656.0/14

Right: 1210.454+/-0.000 χ^2/NDF: 64287668357099

Left Out: 92210.698+/-0.000 χ^2/NDF:22657747665780758520208376768536028957900 8.0/11

In: -27434.339+/-0.000 χ^2/NDF:10741931116501

Right Out: -65555.147+/-0.000 χ^2/NDF: 212001467811386750910625783195999741673472.0/15

Out: 25651.673+/-0.000 χ^2/NDF:10036256154988

Left In: -95749.411+/-0.000 χ^2/NDF:102376761881530271427340284738693826084864.0/10

All: -824.008+/-0.000 χ^2/NDF: 23000264296

dit_sam2_coil1_err_mean vs Slug, Sign Corrected

Left: -11.029+/-0.000 χ^2/NDF: 3514334276820303
Right In: 1330.956+/-0.000 χ^2/NDF: 6494812638426816594494091470595728343 04.0/14
Right: 20.358+/-0.000 χ^2/NDF: 3481069250883615
Left Out: 1332.669+/-0.000 χ^2/NDF:1174887932511659998504172068952730501 12.0/11
In: -238.106+/-0.000 χ^2/NDF:3483766445044589
Right Out: -1254.871+/-0.000 χ^2/NDF: 6321400689833040628098177168008617656 32.0/15
Out: 241.025+/-0.000 χ^2/NDF:3331380531893128
Left In: -1340.185+/-0.000 χ^2/NDF:1142049111682012770238307673664777093 12.0/10
All: 2.067+/-0.000 χ^2/NDF: 6996159053055

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam3_coil1_mean vs Slug, Sign Corrected

Left: -650.230+/-0.000 χ^2/NDF: 505001138848268

Right In: 34919.716+/-0.000 χ^2/NDF: 1063873854407186221551225418487299970170 88.0/14

Right: 1872.760+/-0.000 χ^2/NDF: 15931536557711

Left Out: 51246.568+/-0.000 χ^2/NDF:8616854061410244506204695466860253439590 4.0/11

In: -16129.428+/-0.000 χ^2/NDF:30528033173327

Right Out: -30282.373+/-0.000 χ^2/NDF: 8834616526659312662759895169350607306752 0.0/15

Out: 16850.740+/-0.000 χ^2/NDF:2737604183227 1

Left In: -51985.374+/-0.000 χ^2/NDF:6717258757951886337950413211629467677491 2.0/10

All: 402.483+/-0.000 χ^2/NDF: 66480467409 2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected

Left: 14.433+/-0.000 χ^2/NDF: 1491830780221848
Right In: 663.574+/-0.000 χ^2/NDF: 1576918128727208228869149665973124464 64.0/14
Right: 22.529+/-0.000 χ^2/NDF: 8336101395091641
Left Out: 855.627+/-0.000 χ^2/NDF:1148952267466286891447216964464636067 84.0/11
In: -206.520+/-0.000 χ^2/NDF:1084558135298016
Right Out: -601.216+/-0.000 χ^2/NDF: 1497178843318893323399953343508318781 44.0/15
Out: 241.007+/-0.000 χ^2/NDF:1083013180112686
Left In: -817.657+/-0.000 χ^2/NDF:9042954872371566332680529907681119436 8.0/10
All: 17.811+/-0.000 χ^2/NDF: 2325491183866

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam4_coil1_mean vs Slug, Sign Corrected

Left: -2060.108+/-0.000 χ^2/NDF: 14824251298743

Right In: 53422.452+/-0.000 χ^2/NDF: 36063575731513380013375112316777346551808.0/14

Right: 3412.622+/-0.000 χ^2/NDF: 38491691465863

Left Out: 87421.965+/-0.000 χ^2/NDF:17600944793397317229876580826958074332160.0/11

In: -31162.736+/-0.000 χ^2/NDF:83559951874998

Right Out: -45247.617+/-0.000 χ^2/NDF: 28606019648803443021578461337405547928576.0/15

Out: 31450.674+/-0.000 χ^2/NDF:72491482538819

Left In: -90573.760+/-0.000 χ^2/NDF:90574081394354221593949262312406685581312.0/10

All: 223.377+/-0.000 χ^2/NDF: 186963897471

dit_sam4_coil1_err_mean vs Slug, Sign Corrected

Left: 23.551+/-0.000 χ^2/NDF: 4570501357423236

Right In: 949.197+/-0.000 χ^2/NDF: 2256910321831537327333080940676581949 44.0/14

Right: 37.382+/-0.000 χ^2/NDF: 1494917928354426

Left Out: 1474.996+/-0.000 χ^2/NDF:4077762791412540626360785088537386024 96.0/11

In: -437.909+/-0.000 χ^2/NDF:2684013086565036

Right Out: -849.827+/-0.000 χ^2/NDF: 2046222242615772477022273127451973386 24.0/15

Out: 494.188+/-0.000 χ^2/NDF:2696503915470133

Left In: -1412.186+/-0.000 χ^2/NDF:3325293909348971181578759726617560350 72.0/10

All: 29.322+/-0.000 χ^2/NDF: 6065565997163

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam5_coil1_mean vs Slug, Sign Corrected

Left: -7.270+/-0.000 χ^2/NDF: 23893577266149002

Right In: 254.578+/-0.000 χ^2/NDF: 97840211353100664074156922396724953088 0.0/14

Right: -53.015+/-0.000 χ^2/NDF: 220036732540735

Left Out: -2955.997+/-0.000 χ^2/NDF:3707818280907677847342876591435129290752.0/11

In: 1814.139+/-0.000 χ^2/NDF:804296313002970

Right Out: -352.308+/-0.000 χ^2/NDF: 1100813647101508513447529068154010468352.0/15

Out: -1857.540+/-0.000 χ^2/NDF:74227087248686

Left In: 2909.545+/-0.000 χ^2/NDF:4377323512278558404902073126276443406336.0/10

All: -26.357+/-0.000 χ^2/NDF: 260955494544

dit_sam5_coil1_err_mean vs Slug, Sign Corrected

Left: -8.206+/-0.000 χ^2/NDF: 17982757813530948

Right In: 196.955+/-0.000 χ^2/NDF: 4485245160329657914621372425838788608.0/14

Right: 11.081+/-0.000 χ^2/NDF: 5261792058222240

Left Out: 300.154+/-0.000 χ^2/NDF:3873021428685352941137053448690204672.0/11

In: -102.733+/-0.000 χ^2/NDF:1067935716569052

Right Out: -169.778+/-0.000 χ^2/NDF: 3892609445494845784493558646385410048.0/15

Out: 101.896+/-0.000 χ^2/NDF:929205168991504

Left In: -313.228+/-0.000 χ^2/NDF:3079061701843560714774529768142405632.0/10

All: -0.159+/-0.000 χ^2/NDF: 2327307530740

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam6_coil1_mean vs Slug, Sign Corrected

Left: 1429.385+/-0.000 χ^2/NDF: 19565583595098

Right In: -12479.653+/-0.000 χ^2/NDF: 411786332312538053173533339734752719011 84.0/14

Right: -965.413+/-0.000 χ^2/NDF: 24217037814564

Left Out: -31096.364+/-0.000 χ^2/NDF:217594309706731792738919903137593682821 12.0/11

In: 14589.951+/-0.000 χ^2/NDF:86214672145906

Right Out: 10238.098+/-0.000 χ^2/NDF: 312278611261595340319615019232237180682 24.0/15

Out: -13657.980+/-0.000 χ^2/NDF:7118042053110

Left In: 33603.125+/-0.000 χ^2/NDF:113778777412803779880766320697469430661 12.0/10

All: 430.161+/-0.000 χ^2/NDF: 22031269649

dit_sam6_coil1_err_mean vs Slug, Sign Corrected

Right In: 245.832+/-0.000 χ^2/NDF: 7828269009300013139414476154059358208.0/14

Left Out: 502.365+/-0.000 χ^2/NDF:1519156609286494211376362666392236851 2.0/11

Right Out: -209.844+/-0.000 χ^2/NDF: 3128489258838765241921217786024034304.0/15

Left In: -536.975+/-0.000 χ^2/NDF:2080302248640081095695836771955559628 8.0/10

Left: -20.132+/-0.000 χ^2/NDF: 5323446467512180

Right: 14.878+/-0.000 χ^2/NDF: 7925780675793006

In: -213.998+/-0.000 χ^2/NDF:2622447157397891

Out: 201.895+/-0.000 χ^2/NDF:2139138372014608

All: -5.524+/-0.000 χ^2/NDF: 6125424587177

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 24866624766048512267031234680614551552.0/14
Right: 4.462+/-0.000 χ^2/NDF: 14598494086105576
Left Out: 1193.726+/-0.000 χ^2/NDF:34388618994267285012310712301196935168.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 44602783681728168935494176019868286976.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556
Left In: -1239.553+/-0.000 χ^2/NDF:29116180330425505242594030704390045696.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam7_coil1_mean vs Slug, Sign Corrected

Left: -462.888+/-0.000 χ^2/NDF: 780393460783243

Right In: 11542.759+/-0.000 χ^2/NDF: 1423354312323856635722676621901468742451 2.0/14

Right: 451.741+/-0.000 χ^2/NDF: 183007796935000

Left Out: 19940.398+/-0.000 χ^2/NDF:150694867433458665068686580084002930032 64.0/11

In: -7364.946+/-0.000 χ^2/NDF:417673505445330

Right Out: -10339.969+/-0.000 χ^2/NDF: 112608338634067516459234200629824182026 24.0/15

Out: 7165.569+/-0.000 χ^2/NDF:37988973968207 7

Left In: -20645.358+/-0.000 χ^2/NDF:845632737688278280488889901055883398348 8.0/10

All: -81.261+/-0.000 χ^2/NDF: 964042806490

dit_sam7_coil1_err_mean vs Slug, Sign Corrected

Left: 1.680+/-0.000 χ^2/NDF: 15360478630290122
Right In: 198.850+/-0.000 χ^2/NDF: 18333995109503438037075916944440295424.0/14
Right: 4.640+/-0.000 χ^2/NDF: 8155814157634257
Left Out: 277.638+/-0.000 χ^2/NDF:80386137058904862279846888470143303 68.0/11
In: -77.317+/-0.000 χ^2/NDF:10971103033492192
Right Out: -184.328+/-0.000 χ^2/NDF: 14927434931395588601024961538372403200.0/15
Out: 82.741+/-0.000 χ^2/NDF:1052585597535174
Left In: -271.291+/-0.000 χ^2/NDF:7112445981030520145066814103974051840.0/10
All: 2.915+/-0.000 χ^2/NDF: 2351696492796

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_sam8_coil1_mean vs Slug, Sign Corrected

Left: -606.081+/-0.000 χ^2/NDF: 449973748621365
Right In: 8567.784+/-0.000 χ^2/NDF: 1110604887897250136642905567964570845184 0.0/14
Right: 642.005+/-0.000 χ^2/NDF: 101620430321781
Left Out: 14943.560+/-0.000 χ^2/NDF:7900539606524387386359998406585036570624.0/11
In: -5856.261+/-0.000 χ^2/NDF:243442912299638
Right Out: -7069.884+/-0.000 χ^2/NDF: 1007686236350265211137821053966438786 6624.0/15
Out: 5656.420+/-0.000 χ^2/NDF:204837318375848
Left In: -15987.436+/-0.000 χ^2/NDF:247039342825481572862908333262999912448 0.0/10
All: -85.320+/-0.000 χ^2/NDF: 552788797574

dit_sam8_coil1_err_mean vs Slug, Sign Corrected

Left: 1.127+/-0.000 χ^2/NDF: 10597011405923870
Right In: 130.021+/-0.000 χ^2/NDF: 3115259987552341725946418665378283520.0/14
Right: -0.100+/-0.000 χ^2/NDF: 3019268215396835
Left Out: 224.458+/-0.000 χ^2/NDF:7870394140048491055430374232164401152.0/11
In: -75.461+/-0.000 χ^2/NDF:5718321474532916
Right Out: -126.709+/-0.000 χ^2/NDF: 5397122581297664561308621600668516352.0/15
Out: 76.306+/-0.000 χ^2/NDF:6081924856680347
Left In: -219.787+/-0.000 χ^2/NDF:7418609629454172879787970620999860224.0/10
All: 0.615+/-0.000 χ^2/NDF: 1361639505758

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected

Left: -29.533+/-0.000 χ^2/NDF: 2784054454845267
Right In: 1046.490+/-0.000 χ^2/NDF: 2486662476604851226703123468061455155 2.0/14
Right: 4.462+/-0.000 χ^2/NDF: 1459849408610557 6
Left Out: 1193.726+/-0.000 χ^2/NDF:3438861899426728501231071230119693516 8.0/11
In: -296.360+/-0.000 χ^2/NDF:2046292009130527
Right Out: -1009.445+/-0.000 χ^2/NDF: 4460278368172816893549417601986828697 6.0/15
Out: 264.242+/-0.000 χ^2/NDF:195069411600556 9
Left In: -1239.553+/-0.000 χ^2/NDF:2911618033042550524259403070439004569 6.0/10
All: -15.348+/-0.000 χ^2/NDF: 424479012287

dit_4aX_coil3_mean vs Slug, Sign Corrected

Left: 3.003+/-0.000 χ^2/NDF: 14440185336752927
Right In: -36.540+/-0.000 χ^2/NDF: 2543518678614446092026376338643353 60.0/14
Right: -2.265+/-0.000 χ^2/NDF: 1939933040270060
Left Out: -85.570+/-0.000 χ^2/NDF:1435577762575479908655916407324672 00.0/11
In: 38.154+/-0.000 χ^2/NDF:64516085545673936
Right Out: 31.085+/-0.000 χ^2/NDF: 1812910791193816361784084988763832 32.0/15
Out: -36.355+/-0.000 χ^2/NDF:5572346140178000
Left In: 90.618+/-0.000 χ^2/NDF:3308983308362640811729795549862297 6.0/10
All: 0.805+/-0.000 χ^2/NDF: 16401400360245

dit_4aX_coil3_err_mean vs Slug, Sign Corrected

Right In: 2.867+/-0.000 χ^2/NDF: 3455499087584693564208174061322240.0/14

Left Out: 2.192+/-0.000 χ^2/NDF:7604390678914156108458001589862 4.0/11

Right Out: -2.821+/-0.000 χ^2/NDF: 3052948718107902490497172912472064.0/15

Left In: -2.317+/-0.000 χ^2/NDF:1143725647250798890990132852162 56.0/10

Left: -0.075+/-0.000 χ^2/NDF: 95306809315306736

Right: -0.016+/-0.000 χ^2/NDF: 1715222089110172

In: -0.178+/-0.000 χ^2/NDF:138149448631133165

Out: 0.077+/-0.000 χ^2/NDF:12819402023000433 0

All: -0.050+/-0.000 χ^2/NDF: 2668555650335

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eX_coil3_mean vs Slug, Sign Corrected

Left: 3.181+/-0.000 χ^2/NDF: 158268282831051271

Right In: -43.289+/-0.000 χ^2/NDF: 199342736778845281087197523996573696.0/14

Right: -2.174+/-0.000 χ^2/NDF: 2512687101518028

Left Out: -89.439+/-0.000 χ^2/NDF:181119962985690841138788427972476928.0/11

In: 37.826+/-0.000 χ^2/NDF:751790372998047563

Right Out: 37.832+/-0.000 χ^2/NDF: 148683933977204936634636843897323520.0/15

Out: -35.745+/-0.000 χ^2/NDF:6575776048743356

Left In: 94.799+/-0.000 χ^2/NDF:490770500326110069821569680749363 20.0/10

All: 0.947+/-0.000 χ^2/NDF: 1836150818238

dit_4eX_coil3_err_mean vs Slug, Sign Corrected

Left: -0.077+/-0.000 χ^2/NDF: 94909091783771973

Right In: 2.832+/-0.000 χ^2/NDF: 39576725319290173285125643231559 68.0/14

Right: -0.015+/-0.000 χ^2/NDF: 1792170452533502

Left Out: 2.192+/-0.000 χ^2/NDF:5960155924741500894781652546355 2.0/11

In: -0.195+/-0.000 χ^2/NDF:1415385013408516 11

Right Out: -2.784+/-0.000 χ^2/NDF: 3589544956108116898091236897849344.0/15

Out: 0.092+/-0.000 χ^2/NDF:1319660578541495 19

Left In: -2.321+/-0.000 χ^2/NDF:7461912322461632454440450523 1360.0/10

All: -0.051+/-0.000 χ^2/NDF: 2741558316748

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_11X12X_coil3_mean vs Slug, Sign Corrected

Left: 2.757+/-0.000 χ^2/NDF: 120577028568665653

Right In: -72.949+/-0.000 χ^2/NDF: 6575542846485798030687912629108736 0.0/14

Right: -1.347+/-0.000 χ^2/NDF: 6737392391922205

Left Out: -78.317+/-0.000 χ^2/NDF:868589325876711885940874151607664 64.0/11

In: 18.630+/-0.000 χ^2/NDF:935227547229560147

Right Out: 68.324+/-0.000 χ^2/NDF: 1066943448982023644833671313725849 60.0/15

Out: -16.451+/-0.000 χ^2/NDF:8485315004637869

Left In: 82.954+/-0.000 χ^2/NDF:204191577748772978492053031705640 96.0/10

All: 1.045+/-0.000 χ^2/NDF: 1880801156865

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected

Left: 0.021+/-0.000 χ^2/NDF: 15025603203448953

Right In: 3.793+/-0.000 χ^2/NDF: 32053892427261296197962908104130 56.0/14

Right: -0.047+/-0.000 χ^2/NDF: 2496367810067656

Left Out: 2.830+/-0.000 χ^2/NDF:49274902602883890794782962116 1984.0/11

In: -0.054+/-0.000 χ^2/NDF:19750496568510585 7

Right Out: -3.783+/-0.000 χ^2/NDF: 28785866221926766544523387553710 08.0/15

Out: 0.040+/-0.000 χ^2/NDF:20235343242589691 2

Left In: -2.757+/-0.000 χ^2/NDF:19172074654773230622605404274688 0.0/10

All: -0.007+/-0.000 χ^2/NDF: 3999287355304

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aY_coil3_mean vs Slug, Sign Corrected

Left: -0.018+/-0.000 χ^2/NDF: 31853611122068431

Right In: 4.025+/-0.000 χ^2/NDF: 769001650442321928129473832550400.0/14

Right: 0.050+/-0.000 χ^2/NDF: 21892754887879739

Left Out: 4.111+/-0.000 χ^2/NDF:532620096510613693690902891986944.0/11

In: -0.749+/-0.000 χ^2/NDF:26275294393356203 3

Right Out: -3.819+/-0.000 χ^2/NDF: 88823224022643432911485917147955 2.0/15

Out: 0.766+/-0.000 χ^2/NDF:25666157664453877 9

Left In: -4.102+/-0.000 χ^2/NDF:32997834360617370901906646577971 2.0/10

All: 0.010+/-0.000 χ^2/NDF: 5374982991435 4

dit_4aY_coil3_err_mean vs Slug, Sign Corrected

Left: 0.004+/-0.000 χ^2/NDF: 27594858438302610
Right In: 0.839+/-0.000 χ^2/NDF: 2584160253346156615211630838415 36.0/14
Right: -0.014+/-0.000 χ^2/NDF: 1442205906502244
Left Out: 0.387+/-0.000 χ^2/NDF:7656532010606705303389852401664.0/11
In: 0.126+/-0.000 χ^2/NDF:8214812118150652652
Right Out: -0.844+/-0.000 χ^2/NDF: 2529175093934327602406489189253 12.0/15
Out: -0.132+/-0.000 χ^2/NDF:8441698023007620 5
Left In: -0.374+/-0.000 χ^2/NDF:2408191855928929204652403064832.0/10
All: -0.003+/-0.000 χ^2/NDF: 1718408465884

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4eY_coil3_mean vs Slug, Sign Corrected

Left: -0.224+/-0.000 χ^2/NDF: 33846784910567174

Right In: 4.275+/-0.000 χ^2/NDF: 597188707898198851792415435522048.0/14

Right: 0.061+/-0.000 χ^2/NDF: 24108117163015416

Left Out: 4.030+/-0.000 χ^2/NDF:600797720921367466879695481470976.0/11

In: -0.839+/-0.000 χ^2/NDF:298405306819524431

Right Out: -4.039+/-0.000 χ^2/NDF: 772368848194464324973108765130752.0/15

Out: 0.626+/-0.000 χ^2/NDF:264837106487294890

Left In: -4.432+/-0.000 χ^2/NDF:345602703191245770554210363899904.0/10

All: -0.105+/-0.000 χ^2/NDF: 5801697378090

dit_4eY_coil3_err_mean vs Slug, Sign Corrected

Left: -0.001+/-0.000 χ^2/NDF: 27939551285001420

Right In: 0.793+/-0.000 χ^2/NDF: 195508777173589483440314700005376.0/14

Right: -0.003+/-0.000 χ^2/NDF: 1193841006449656

Left Out: 0.385+/-0.000 χ^2/NDF:5547784180240414411423653822464.0/11

In: 0.102+/-0.000 χ^2/NDF:7258405978340592610

Right Out: -0.778+/-0.000 χ^2/NDF: 185814635772183306063903690063872.0/15

Out: -0.106+/-0.000 χ^2/NDF:71330081373871588

Left In: -0.383+/-0.000 χ^2/NDF:2618375268437967875049691021312.0/10

All: -0.002+/-0.000 χ^2/NDF: 1473239916142

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_usl_coil3_mean vs Slug, Sign Corrected

Left: -455.070+/-0.000 χ^2/NDF: 738907970764408

Right In: 3155.434+/-0.000 χ^2/NDF: 9035505347736229021109182140336129966 08.0/14

Right: 140.919+/-0.000 χ^2/NDF: 132143468168130

Left Out: 6243.976+/-0.000 χ^2/NDF:811230786168378302780139165688711348224.0/10

In: -2572.599+/-0.000 χ^2/NDF:373790912122959

Right Out: -2792.245+/-0.000 χ^2/NDF: 6746357493241730019732644275309867171 84.0/15

Out: 2263.025+/-0.000 χ^2/NDF:319547842055844

Left In: -6595.861+/-0.000 χ^2/NDF:2251648057154003686710438267458640936 96.0/10

All: -200.997+/-0.000 χ^2/NDF: 87373315799

dit_usl_coil3_err_mean vs Slug, Sign Corrected

Left: -12.048+/-0.000 χ^2/NDF: 6529786806410777

Right In: 213.739+/-0.000 χ^2/NDF: 19718138109054002114361149860507287552.0/14

Right: -13.554+/-0.000 χ^2/NDF: 109883652295878

Left Out: 185.948+/-0.000 χ^2/NDF:105770660759576758358797484664081612 8.0/10

In: -25.504+/-0.000 χ^2/NDF:83555095892474159

Right Out: -234.712+/-0.000 χ^2/NDF: 240131341071672148951890504810674257 92.0/15

Out: 0.624+/-0.000 χ^2/NDF:91101505567681952 5

Left In: -193.543+/-0.000 χ^2/NDF:5989311506442933326802170578814894 08.0/10

All: -12.690+/-0.000 χ^2/NDF: 175183232937

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected

Right In: 1104.111+/-0.000 χ^2/NDF: 3273784159158745425152190642154530406 4.0/14

Left Out: 1186.635+/-0.000 χ^2/NDF:381272901824193730906366146032361799 68.0/10

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Left In: -1277.097+/-0.000 χ^2/NDF:295787299016026479980738189360973742 08.0/10

Left: -98.791+/-0.000 χ^2/NDF: 2750108583859337

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Out: 219.820+/-0.000 χ^2/NDF:190429861464471 8

All: -42.327+/-0.000 χ^2/NDF: 433243619432

dit_usr_coil3_mean vs Slug, Sign Corrected

Left: 180.580+/-0.000 χ^2/NDF: 5629644567862069

Right In: -3034.527+/-0.000 χ^2/NDF: 630694553353463868547335175090919702528.0/14

Right: -112.316+/-0.000 χ^2/NDF: 12093460154256

Left Out: -5346.287+/-0.000 χ^2/NDF:5958304557748005533830020957823377080 32.0/11

In: 2065.482+/-0.000 χ^2/NDF:2953204271382502

Right Out: 2731.035+/-0.000 χ^2/NDF: 5282908477035679915556946292392119500 80.0/15

Out: -1938.587+/-0.000 χ^2/NDF:26282051967126

Left In: 5647.632+/-0.000 χ^2/NDF:16421431290803564521512635693549171507 2.0/10

All: 58.370+/-0.000 χ^2/NDF: 684556968477

dit_usr_coil3_err_mean vs Slug, Sign Corrected

Left: -2.734+/-0.000 χ^2/NDF: 56898976586589757

Right In: 273.039+/-0.000 χ^2/NDF: 2648593505334117509291379521218412544 0.0/14

Right: -4.751+/-0.000 χ^2/NDF: 1475618476041152

Left Out: 171.517+/-0.000 χ^2/NDF:116220444612441845226576344420607590 4.0/11

In: 9.796+/-0.000 χ^2/NDF:10358026016022770 92

Right Out: -275.044+/-0.000 χ^2/NDF: 2226476008875290179256189299165705011 2.0/15

Out: -16.880+/-0.000 χ^2/NDF:1003225780915381

Left In: -175.100+/-0.000 χ^2/NDF:5323199057603165228144709090966241 28.0/10

All: -3.576+/-0.000 χ^2/NDF: 2044639421545

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl1_coil3_mean vs Slug, Sign Corrected

Left: 437.231+/-0.000 χ^2/NDF: 2131924326486959
Right In: -1564.595+/-0.000 χ^2/NDF: 48387480097857104257897575702903914496 0.0/14
Right: 28.285+/-0.000 χ^2/NDF: 4101258280925694
Left Out: -2513.182+/-0.000 χ^2/NDF:5431127813565364988673729418683400323072.0/11
In: 1325.655+/-0.000 χ^2/NDF:977485555576157 5
Right Out: 1578.178+/-0.000 χ^2/NDF: 3684505725562175640719632035810985902 08.0/15
Out: -787.099+/-0.000 χ^2/NDF:122542710245159
Left In: 3355.712+/-0.000 χ^2/NDF:6160312843004433398099012587709320396 8.0/10
All: 266.599+/-0.000 χ^2/NDF: 25548755731

dit_atl1_coil3_err_mean vs Slug, Sign Corrected

Left: -1.546+/-0.000 χ^2/NDF: 42591718488855068
Right In: 358.080+/-0.000 χ^2/NDF: 1579227891456978581656444520902028165 12.0/14
Right: -276.471+/-0.000 χ^2/NDF: 27494361834519
Left Out: 148.359+/-0.000 χ^2/NDF:10902863317333660825812569708078039 04.0/11
In: 59.728+/-0.000 χ^2/NDF:25691507799210532
Right Out: -893.897+/-0.000 χ^2/NDF: 20759201557742010435726956567978039 05024.0/15
Out: -291.353+/-0.000 χ^2/NDF:249588983045036
Left In: -149.829+/-0.000 χ^2/NDF:6457567181728928043846046350049280 00.0/10
All: -116.258+/-0.000 χ^2/NDF: 28499930865

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atl2_coil3_mean vs Slug, Sign Corrected

Left: -394.633+/-0.000 χ^2/NDF: 195607955774954

Right In: 5295.485+/-0.000 χ^2/NDF: 250564523296826327544404801609318321356 8.0/14

Right: 292.602+/-0.000 χ^2/NDF: 364180360676330

Left Out: 9916.420+/-0.000 χ^2/NDF:184071439275717483725448177147911654604 8.0/11

In: -4038.254+/-0.000 χ^2/NDF:992282671575764

Right Out: -4575.270+/-0.000 χ^2/NDF: 186332209477040373909610080007271691059 2.0/15

Out: 3802.595+/-0.000 χ^2/NDF:846841188462188

Left In: -10594.095+/-0.000 χ^2/NDF:469955671378487676963254464485150162944.0/10

All: -107.886+/-0.000 χ^2/NDF: 23238819396

dit_atl2_coil3_err_mean vs Slug, Sign Corrected

Left: -20.503+/-0.000 χ^2/NDF: 1065064961511877
Right In: 862.683+/-0.000 χ^2/NDF: 3376840008638193150264591065257596682 24.0/14
Right: -8.442+/-0.000 χ^2/NDF: 1636587396882894
Left Out: 714.221+/-0.000 χ^2/NDF:6393682365708312414092225163706551500 8.0/11
In: -83.027+/-0.000 χ^2/NDF:13454995318402178
Right Out: -856.059+/-0.000 χ^2/NDF: 3271952165464447671487162246882886942 72.0/15
Out: 51.744+/-0.000 χ^2/NDF:1341942923565859 5
Left In: -747.275+/-0.000 χ^2/NDF:1967884739572773009831064224203066572 8.0/10
All: -15.471+/-0.000 χ^2/NDF: 270176391125

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr1_coil3_mean vs Slug, Sign Corrected

Left: -172.148+/-0.000 χ^2/NDF: 529181779614152
Right In: 2201.844+/-0.000 χ^2/NDF: 1086544775216266395419904724422998622208.0/14
Right: 58.517+/-0.000 χ^2/NDF: 767753071120733
Left Out: 5192.476+/-0.000 χ^2/NDF:4703171184355329372001483465086247895 04.0/11
In: -2309.812+/-0.000 χ^2/NDF:236998936360445
Right Out: -2026.969+/-0.000 χ^2/NDF: 7086264566034107051245182999566451998 72.0/15
Out: 2146.701+/-0.000 χ^2/NDF:212767096674295
Left In: -5478.713+/-0.000 χ^2/NDF:1241860547714240118738493468025836011 52.0/10
All: -75.903+/-0.000 χ^2/NDF: 606365125250

dit_atr1_coil3_err_mean vs Slug, Sign Corrected

Left: -4.136+/-0.000 χ^2/NDF: 60775791706189373

Right In: 329.229+/-0.000 χ^2/NDF: 10328502909192274203383790343713246412 8.0/14

Right: -41.736+/-0.000 χ^2/NDF: 557135346601365

Left Out: 177.101+/-0.000 χ^2/NDF:604256347376555065664943941601984512.0/11

In: 28.098+/-0.000 χ^2/NDF:203925218655573400

Right Out: -402.690+/-0.000 χ^2/NDF: 277636056793293374242116053515003494400.0/15

Out: -67.504+/-0.000 χ^2/NDF:4078634459098727

Left In: -183.411+/-0.000 χ^2/NDF:452789814018275751637875535657304064.0/10

All: -19.824+/-0.000 χ^2/NDF: 618995356861

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_atr2_coil3_mean vs Slug, Sign Corrected

Left: 203.352+/-0.000 χ^2/NDF: 9367664182142015

Right In: -3183.928+/-0.000 χ^2/NDF: 2134923281384422537296044119642733543424.0/14

Right: -128.944+/-0.000 χ^2/NDF: 15032681342441

Left Out: -6916.269+/-0.000 χ^2/NDF:1116807093678978049721043579861444067328.0/11

In: 2942.696+/-0.000 χ^2/NDF:440076230139336

Right Out: 2843.597+/-0.000 χ^2/NDF: 9470776115637232447055310919440153968 64.0/15

Out: -2798.729+/-0.000 χ^2/NDF:38794467171221

Left In: 7245.920+/-0.000 χ^2/NDF:4017604627839690987720109250073151406 08.0/10

All: 64.702+/-0.000 χ^2/NDF: 1087940046919

dit_atr2_coil3_err_mean vs Slug, Sign Corrected

Left: -3.137+/-0.000 χ^2/NDF: 83969979485831992

Right In: 1003.407+/-0.000 χ^2/NDF: 219815257294811198811064619822196195328.0/14

Right: -285.472+/-0.000 χ^2/NDF: 59617429830759

Left Out: 651.582+/-0.000 χ^2/NDF:455794167001883893408997837934973419 52.0/11

In: 31.723+/-0.000 χ^2/NDF:12777531753239734 2

Right Out: -1539.568+/-0.000 χ^2/NDF: 36147747852974822931453545741254372884 48.0/15

Out: -272.831+/-0.000 χ^2/NDF:551168647234999

Left In: -650.769+/-0.000 χ^2/NDF:147764657748587998469225358583943659 52.0/10

All: -120.940+/-0.000 χ^2/NDF: 68625749232

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 690778780098739656226959396274773688 32.0/15

Out: 256.572+/-0.000 χ^2/NDF:1952554182211910

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737420 8.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam1_coil3_mean vs Slug, Sign Corrected

Left: -63.985+/-0.000 χ^2/NDF: 2171788673126913

Right In: 169.489+/-0.000 χ^2/NDF: 954358945852108910324266135674903592 96.0/14

Right: 27.687+/-0.000 χ^2/NDF: 192954558913151 3

Left Out: 993.680+/-0.000 χ^2/NDF:1038717440932718621362705275420378398 72.0/11

In: -582.219+/-0.000 χ^2/NDF:7538236455803364

Right Out: -110.289+/-0.000 χ^2/NDF: 7177078410205293852359271650847988 1216.0/15

Out: 527.933+/-0.000 χ^2/NDF:645595104234672 9

Left In: -1110.204+/-0.000 χ^2/NDF:3407867167520710175869557534326416998 4.0/10

All: -25.735+/-0.000 χ^2/NDF: 23711880773 7

dit_sam1_coil3_err_mean vs Slug, Sign Corrected

Left: -1.301+/-0.000 χ^2/NDF: 20709383858678459

Right In: 74.129+/-0.000 χ^2/NDF: 216837571740120732262065825808121856 0.0/14

Right: -3.297+/-0.000 χ^2/NDF: 1218774471717801

Left Out: 31.916+/-0.000 χ^2/NDF:5239113497147644680116473780240384 0.0/11

In: 10.520+/-0.000 χ^2/NDF:66512492434564945 7

Right Out: -78.633+/-0.000 χ^2/NDF: 2343230336879830638767678903539466240.0/15

Out: -14.723+/-0.000 χ^2/NDF:7108066763798732

Left In: -34.158+/-0.000 χ^2/NDF:1253578175709682803806424429022412 8.0/10

All: -2.134+/-0.000 χ^2/NDF: 1426173775487

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam2_coil3_mean vs Slug, Sign Corrected

Left: -374.952+/-0.000 χ^2/NDF: 586010235145189

Right In: 9876.530+/-0.000 χ^2/NDF: 8483360287053054122301651905797133697024.0/14

Right: 328.637+/-0.000 χ^2/NDF: 132799081917308

Left Out: 17405.049+/-0.000 χ^2/NDF:76898016710993787915445454221756648652 80.0/11

In: -6476.484+/-0.000 χ^2/NDF:307506960113677

Right Out: -8961.593+/-0.000 χ^2/NDF: 7583728644146461427304320888408335450112.0/15

Out: 6281.362+/-0.000 χ^2/NDF:283344504403014

Left In: -17962.529+/-0.000 χ^2/NDF:3564698291142811133043344688261317525504.0/10

All: -81.381+/-0.000 χ^2/NDF: 719188962323

dit_sam2_coil3_err_mean vs Slug, Sign Corrected

Left: -7.970+/-0.000 χ^2/NDF: 35964203749323128
Right In: 764.284+/-0.000 χ^2/NDF: 2909647580582694800050672050200305991 68.0/14
Right: -14.642+/-0.000 χ^2/NDF: 135377066004634
Left Out: 433.079+/-0.000 χ^2/NDF:307037052443823915927319011947603558 4.0/11
In: 54.379+/-0.000 χ^2/NDF:85067486853551882 4
Right Out: -772.547+/-0.000 χ^2/NDF: 285902138904642401278625587631891677184.0/15
Out: -75.557+/-0.000 χ^2/NDF:8494595605470363
Left In: -444.245+/-0.000 χ^2/NDF:290662583945299127010505389415124172 8.0/10
All: -10.754+/-0.000 χ^2/NDF: 171344684046

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam3_coil3_mean vs Slug, Sign Corrected

Left: -89.265+/-0.000 χ^2/NDF: 1838935043265731

Right In: 5145.657+/-0.000 χ^2/NDF: 4272867262459372237810540195851662262272.0/14

Right: 349.044+/-0.000 χ^2/NDF: 370788219703753

Left Out: 9815.736+/-0.000 χ^2/NDF:324212621250728671461831670420826226688 0.0/11

In: -3684.756+/-0.000 χ^2/NDF:927030037862326

Right Out: -4318.126+/-0.000 χ^2/NDF: 334517655456475542731253388890852661657 6.0/15

Out: 3852.873+/-0.000 χ^2/NDF:836176493055076

Left In: -9887.069+/-0.000 χ^2/NDF:227851678022582408263242028880212734771 2.0/10

All: 93.618+/-0.000 χ^2/NDF: 2211196592737

dit_sam3_coil3_err_mean vs Slug, Sign Corrected

Left: -2.125+/-0.000 χ^2/NDF: 14605036869185649

Right In: 378.052+/-0.000 χ^2/NDF: 615165900225930530408607608613319475 20.0/14

Right: 2.067+/-0.000 χ^2/NDF: 30156387809525658

Left Out: 275.181+/-0.000 χ^2/NDF:30639739248384837526480238564951982 08.0/11

In: -6.399+/-0.000 χ^2/NDF:22799172790938067 0

Right Out: -363.772+/-0.000 χ^2/NDF: 5903133748470980180418143934270668 8000.0/15

Out: 5.616+/-0.000 χ^2/NDF:21952216327772997 4

Left In: -276.429+/-0.000 χ^2/NDF:3176476969276554988209041450490396672.0/10

All: -0.376+/-0.000 χ^2/NDF: 4476277184699

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam4_coil3_mean vs Slug, Sign Corrected

Left: -415.014+/-0.000 χ^2/NDF: 623613646313618
Right In: 9062.710+/-0.000 χ^2/NDF: 1362106694311435459415925240917543144652 8.0/14
Right: 673.078+/-0.000 χ^2/NDF: 113857439938422
Left Out: 17943.531+/-0.000 χ^2/NDF:747361773327481660328046992127437884620 8.0/11
In: -7171.955+/-0.000 χ^2/NDF:308190630431946
Right Out: -7490.147+/-0.000 χ^2/NDF: 1010820212420413993228500645738823915929 6.0/15
Out: 7213.447+/-0.000 χ^2/NDF:267017454267877
Left In: -18574.874+/-0.000 χ^2/NDF:337175293631953841464838483614276308172 8.0/10
All: 38.990+/-0.000 χ^2/NDF: 7383790559071

dit_sam4_coil3_err_mean vs Slug, Sign Corrected

Left: -7.988+/-0.000 χ^2/NDF: 41292053384474531

Right In: 530.057+/-0.000 χ^2/NDF: 787546760630632555240464717518806712 32.0/14

Right: 3.936+/-0.000 χ^2/NDF: 50988723963729126

Left Out: 460.312+/-0.000 χ^2/NDF:675460642837128305351752970163086950 4.0/11

In: -58.105+/-0.000 χ^2/NDF:46840539671479809

Right Out: -507.987+/-0.000 χ^2/NDF: 766897346983084643378818419695550464 00.0/15

Out: 51.802+/-0.000 χ^2/NDF:44498677720954542

Left In: -471.219+/-0.000 χ^2/NDF:744597321916033625746777201105174528 0.0/10

All: -3.012+/-0.000 χ^2/NDF: 9229168077860

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam5_coil3_mean vs Slug, Sign Corrected

Left: -21.540+/-0.000 χ^2/NDF: 2912056569899347
Right In: 515.635+/-0.000 χ^2/NDF: 484654034205739572926730623711623249 92.0/14
Right: 20.387+/-0.000 χ^2/NDF: 4030056130167457
Left Out: -18.146+/-0.000 χ^2/NDF:1140146273273638901461797970727634206 72.0/11
In: 198.120+/-0.000 χ^2/NDF:3370219310244745
Right Out: -461.497+/-0.000 χ^2/NDF: 4047374666009135592806330688436856 4224.0/15
Out: -205.189+/-0.000 χ^2/NDF:230282610229259
Left In: -24.898+/-0.000 χ^2/NDF:1771700831460663404196866972503077027 84.0/10
All: -4.046+/-0.000 χ^2/NDF: 6955593653745

dit_sam5_coil3_err_mean vs Slug, Sign Corrected

Left: 0.403+/-0.000 χ^2/NDF: 699320951326261037

Right In: 88.493+/-0.000 χ^2/NDF: 643231155193035512625817963208900608.0/14

Right: -0.339+/-0.000 χ^2/NDF: 1180687368969666

Left Out: 61.067+/-0.000 χ^2/NDF:211507080213048507647331077961285632.0/11

In: 1.499+/-0.000 χ^2/NDF:909555293268762402

Right Out: -86.773+/-0.000 χ^2/NDF: 1059206766314086021240525003228708864.0/15

Out: -1.305+/-0.000 χ^2/NDF:96987555251915958

Left In: -59.604+/-0.000 χ^2/NDF:908626251819856643753234631680327 68.0/10

All: 0.094+/-0.000 χ^2/NDF: 1880050537184

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam6_coil3_mean vs Slug, Sign Corrected

Left: 260.098+/-0.000 χ^2/NDF: 5578029245557142

Right In: -1299.904+/-0.000 χ^2/NDF: 1199649252163216367086408691577524322304.0/14

Right: -158.600+/-0.000 χ^2/NDF: 37088904648604

Left Out: -5230.164+/-0.000 χ^2/NDF:6213375467540482757450116505270810050 56.0/11

In: 2806.606+/-0.000 χ^2/NDF:201868973591481 4

Right Out: 951.903+/-0.000 χ^2/NDF: 8413146968636570441744682842170893271 04.0/15

Out: -2622.043+/-0.000 χ^2/NDF:1619959994130 3

Left In: 5690.941+/-0.000 χ^2/NDF:3557746207229488669680404607498914365 44.0/10

All: 85.397+/-0.000 χ^2/NDF: 5962362698239

dit_sam6_coil3_err_mean vs Slug, Sign Corrected

Left: -5.477+/-0.000 χ^2/NDF: 40296557348706998

Right In: 114.118+/-0.000 χ^2/NDF: 607226770891525118881736460452495360.0/14

Right: 2.610+/-0.000 χ^2/NDF: 17380785718088446

Left Out: 141.844+/-0.000 χ^2/NDF:455273254245846333149237795723673600.0/11

In: -41.735+/-0.000 χ^2/NDF:27826261181651348

Right Out: -105.890+/-0.000 χ^2/NDF: 851861355270591521058611007535972352.0/15

Out: 37.329+/-0.000 χ^2/NDF:24972280425229792

Left In: -151.203+/-0.000 χ^2/NDF:38222765260499933757743154978409676 8.0/10

All: -2.103+/-0.000 χ^2/NDF: 5772748991096

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam7_coil3_mean vs Slug, Sign Corrected

Left: -98.908+/-0.000 χ^2/NDF: 3514152812963095

Right In: 2323.372+/-0.000 χ^2/NDF: 476371189888349375964725620757728591872.0/14

Right: 85.258+/-0.000 χ^2/NDF: 7257650695936348

Left Out: 4245.269+/-0.000 χ^2/NDF:560100037882540295630660663570463719424.0/11

In: -1623.712+/-0.000 χ^2/NDF:179596063861387

Right Out: -2092.458+/-0.000 χ^2/NDF: 367126080872166122663684022473339174912.0/15

Out: 1571.478+/-0.000 χ^2/NDF:16415649575822

Left In: -4396.069+/-0.000 χ^2/NDF:270326441631367265143713722564756897792.0/10

All: -22.065+/-0.000 χ^2/NDF: 424251896737

dit_sam7_coil3_err_mean vs Slug, Sign Corrected

Left: -2.219+/-0.000 χ^2/NDF: 19812994387589276

Right In: 122.622+/-0.000 χ^2/NDF: 59375046611876911459032358427494 97344.0/14

Right: -2.485+/-0.000 χ^2/NDF: 3252911350198687

Left Out: 101.470+/-0.000 χ^2/NDF:16360658660921551517460113962041 3440.0/11

In: -10.961+/-0.000 χ^2/NDF:2575473987064935 8

Right Out: -124.216+/-0.000 χ^2/NDF: 6549627589629012958791202941129719808.0/15

Out: 6.256+/-0.000 χ^2/NDF:2635369442246566 89

Left In: -104.786+/-0.000 χ^2/NDF:10201378538133383749343545184695 0912.0/10

All: -2.330+/-0.000 χ^2/NDF: 5234216215941

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_sam8_coil3_mean vs Slug, Sign Corrected

Left: -136.525+/-0.000 χ^2/NDF: 204789855452922

Right In: 1761.245+/-0.000 χ^2/NDF: 332206925976055306953064744993096204288.0/14

Right: 118.557+/-0.000 χ^2/NDF: 405096794129398

Left Out: 3185.925+/-0.000 χ^2/NDF:334945906452981161805339150604505710592.0/11

In: -1284.056+/-0.000 χ^2/NDF:106529223368733

Right Out: -1479.801+/-0.000 χ^2/NDF: 263467768134780968832551238609236131840.0/15

Out: 1217.526+/-0.000 χ^2/NDF:89925987764986

Left In: -3423.018+/-0.000 χ^2/NDF:745370388420888824638695817275684945 92.0/10

All: -30.093+/-0.000 χ^2/NDF: 245798533014

dit_sam8_coil3_err_mean vs Slug, Sign Corrected

Left: -2.653+/-0.000 χ^2/NDF: 12002252519609657

Right In: 82.422+/-0.000 χ^2/NDF: 1263633347129443757477527241185296384.0/14

Right: 1.403+/-0.000 χ^2/NDF: 11184350671309506

Left Out: 77.927+/-0.000 χ^2/NDF:1088165852895677701597195152109076 48.0/11

In: -14.374+/-0.000 χ^2/NDF:11703552131501015

Right Out: -77.430+/-0.000 χ^2/NDF: 1515456409368458038568290276111024128.0/15

Out: 12.384+/-0.000 χ^2/NDF:10931113558677322

Left In: -82.361+/-0.000 χ^2/NDF:8816053676918609649684696689069 2608.0/10

All: -0.961+/-0.000 χ^2/NDF: 2319921906530

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected

Left: -55.563+/-0.000 χ^2/NDF: 2840892210996509

Right In: 1104.111+/-0.000 χ^2/NDF: 327378415915874542515219064215453040 64.0/14

Right: 33.659+/-0.000 χ^2/NDF: 1569083056347410

Left Out: 1179.336+/-0.000 χ^2/NDF:3874291603261086291181954413335517 5936.0/11

In: -294.641+/-0.000 χ^2/NDF:2223953426306853

Right Out: -1007.906+/-0.000 χ^2/NDF: 69077878009873965622695939627477368832.0/15

Out: 256.572+/-0.000 χ^2/NDF:195255418221191 0

Left In: -1277.097+/-0.000 χ^2/NDF:2957872990160264799807381893609737 4208.0/10

All: -18.335+/-0.000 χ^2/NDF: 441608022845

dit_4aX_coil7_mean vs Slug, Sign Corrected

Left: -1.317+/-0.000 χ^2/NDF: 16978934081589781

Right In: 164.752+/-0.000 χ^2/NDF: 636982894318183391742569991655496089 6.0/14

Right: -4.461+/-0.000 χ^2/NDF: 4907468178563624

Left Out: 28.192+/-0.000 χ^2/NDF:6207392894986276808397505937853644 8.0/11

In: 50.054+/-0.000 χ^2/NDF:20957243949655608 5

Right Out: -169.108+/-0.000 χ^2/NDF: 604072180204293682276691068781907148 8.0/15

Out: -55.045+/-0.000 χ^2/NDF:2111323920107624

Left In: -30.507+/-0.000 χ^2/NDF:5260070014827404980158669967169945 6.0/10

All: -2.629+/-0.000 χ^2/NDF: 5078015592202

dit_4aX_coil7_err_mean vs Slug, Sign Corrected

Right In: 7.738+/-0.000 χ^2/NDF: 1512721547923450600746949276807987 2.0/14

Left Out: 5.783+/-0.000 χ^2/NDF:2082103650411209995862519006101504.0/11

Right Out: -7.057+/-0.000 χ^2/NDF: 1129244120413939479234124275358 1056.0/15

Left In: -6.228+/-0.000 χ^2/NDF:2331911751655733809355489024147456.0/10

Left: -0.255+/-0.000 χ^2/NDF: 7069951433838344 3

Right: 0.240+/-0.000 χ^2/NDF: 9842438924998126 8

In: -0.465+/-0.000 χ^2/NDF:918173600433659014

Out: 0.366+/-0.000 χ^2/NDF:769487203069941784

All: -0.049+/-0.000 χ^2/NDF: 1693113496789

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eX_coil7_mean vs Slug, Sign Corrected

Left: -1.225+/-0.000 χ^2/NDF: 15294237123103654

Right In: 141.032+/-0.000 χ^2/NDF: 4507992585512923332587415612245934080.0/14

Right: -3.577+/-0.000 χ^2/NDF: 3555338643006251

Left Out: 26.669+/-0.000 χ^2/NDF:6252234311411585623862909696632422 4.0/11

In: 41.261+/-0.000 χ^2/NDF:15558202913354022

Right Out: -144.283+/-0.000 χ^2/NDF: 4268333571517740886065361663928827904.0/15

Out: -45.453+/-0.000 χ^2/NDF:1559993230161443

Left In: -28.817+/-0.000 χ^2/NDF:5230979753213239399055327730702745 6.0/10

All: -2.206+/-0.000 χ^2/NDF: 3708705323759

dit_4eX_coil7_err_mean vs Slug, Sign Corrected

Right In: 7.198+/-0.000 χ^2/NDF: 1821264072850278533783196696313856 0.0/14

Left Out: 5.404+/-0.000 χ^2/NDF:1657476673222734549536062415306752.0/11

Right Out: -6.547+/-0.000 χ^2/NDF: 1407891250511606893623080983409 4592.0/15

Left In: -5.843+/-0.000 χ^2/NDF:1832786837102707862400537806766080.0/10

Left: -0.250+/-0.000 χ^2/NDF: 6161814130273038 1

Right: 0.232+/-0.000 χ^2/NDF: 9443088474536779 1

In: -0.463+/-0.000 χ^2/NDF:8488165889201747 35

Out: 0.362+/-0.000 χ^2/NDF:7080864399270327 17

All: -0.049+/-0.000 χ^2/NDF: 1562270252344

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_11X12X_coil7_mean vs Slug, Sign Corrected

Left: 14.727+/-0.000 χ^2/NDF: 3306788770143985
Right In: -397.613+/-0.000 χ^2/NDF: 266128078538463320709610622947426304 0.0/14
Right: 4.100+/-0.000 χ^2/NDF: 2129834298843728 3
Left Out: -408.794+/-0.000 χ^2/NDF:336657321396169290943910504040497152 0.0/11
In: 90.690+/-0.000 χ^2/NDF:267298439260479340
Right Out: 394.973+/-0.000 χ^2/NDF: 368559551342718350159616528087410278 4.0/15
Out: -69.697+/-0.000 χ^2/NDF:2561673028781217
Left In: 433.664+/-0.000 χ^2/NDF:119823742138546110468749548459969740 8.0/10
All: 10.293+/-0.000 χ^2/NDF: 5437489116587

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected

Left: 0.046+/-0.000 χ^2/NDF: 19835798282447665

Right In: 11.089+/-0.000 χ^2/NDF: 1423599112201498447816335126691840 0.0/14

Right: 0.031+/-0.000 χ^2/NDF: 1855646914967822 4

Left Out: 10.171+/-0.000 χ^2/NDF:9089684940831859823552687731900416.0/11

In: -1.280+/-0.000 χ^2/NDF:1861837973152803 28

Right Out: -10.728+/-0.000 χ^2/NDF: 1476723829072526090808112443713 1264.0/15

Out: 1.354+/-0.000 χ^2/NDF:1922663154658547 31

Left In: -9.968+/-0.000 χ^2/NDF:2905664542402179840795878184976384.0/10

All: 0.040+/-0.000 χ^2/NDF: 3839228456311 8

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aY_coil7_mean vs Slug, Sign Corrected

Left: 0.010+/-0.000 χ^2/NDF: 21288427185661419

Right In: -9.582+/-0.000 χ^2/NDF: 1470267998394000282080647196337766 4.0/14

Right: -0.564+/-0.000 χ^2/NDF: 1371493250181668

Left Out: -10.333+/-0.000 χ^2/NDF:9377692425026365375047041474887680.0/11

In: 2.062+/-0.000 χ^2/NDF:173509343725026815 6

Right Out: 8.211+/-0.000 χ^2/NDF: 1830423729383596146560575420445 4912.0/15

Out: -2.510+/-0.000 χ^2/NDF:16029265277756400

Left In: 10.241+/-0.000 χ^2/NDF:8992829088408430483485977772818432.0/10

All: -0.229+/-0.000 χ^2/NDF: 3502860386482

dit_4aY_coil7_err_mean vs Slug, Sign Corrected

Right In: 2.367+/-0.000 χ^2/NDF: 9206332945461528769220667674460 16.0/14

Left Out: 1.642+/-0.000 χ^2/NDF:1958421482260435270399099152629 76.0/11

Right Out: -2.147+/-0.000 χ^2/NDF: 7641719924802244786561275553382 40.0/15

Left In: -1.580+/-0.000 χ^2/NDF:1041598201066898133531717921669 12.0/10

Left: 0.022+/-0.000 χ^2/NDF: 5071287631996029 95

Right: 0.079+/-0.000 χ^2/NDF: 8387735383882358 8

In: 0.048+/-0.000 χ^2/NDF:6965293012919252949

Out: 0.043+/-0.000 χ^2/NDF:6496209929578135 24

All: 0.046+/-0.000 χ^2/NDF: 1346152125822 2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4eY_coil7_mean vs Slug, Sign Corrected

Left: -0.306+/-0.000 χ^2/NDF: 14869200131628523

Right In: -8.139+/-0.000 χ^2/NDF: 14676442649222120372533779893321728.0/14

Right: -0.537+/-0.000 χ^2/NDF: 1051474549999360

Left Out: -9.049+/-0.000 χ^2/NDF:24490585061848397921338895011676 16.0/11

In: 1.543+/-0.000 χ^2/NDF:125503787533392226

Right Out: 6.859+/-0.000 χ^2/NDF: 16483631561591790731352632153079808.0/15

Out: -2.337+/-0.000 χ^2/NDF:11650582915107792

Left In: 8.343+/-0.000 χ^2/NDF:7268690948063694771204756789526528.0/10

All: -0.402+/-0.000 χ^2/NDF: 2538807042517

dit_4eY_coil7_err_mean vs Slug, Sign Corrected

Left: -0.002+/-0.000 χ^2/NDF: 47692091365886523

Right In: 2.250+/-0.000 χ^2/NDF: 6567745881362748162954427010908 16.0/14

Right: 0.083+/-0.000 χ^2/NDF: 7249257967761916 2

Left Out: 1.595+/-0.000 χ^2/NDF:7654921329220878114854523004518 4.0/11

In: -0.001+/-0.000 χ^2/NDF:6309895304993274 21

Right Out: -2.025+/-0.000 χ^2/NDF: 5787174417629564546165055999180 80.0/15

Out: 0.068+/-0.000 χ^2/NDF:5710429327761081 99

Left In: -1.582+/-0.000 χ^2/NDF:5493098814576343490489799933952 0.0/10

All: 0.034+/-0.000 χ^2/NDF: 1202401440292 9

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_usl_coil7_mean vs Slug, Sign Corrected

Left: -1162.779+/-0.000 χ^2/NDF: 55890843498990

Right In: 8703.332+/-0.000 χ^2/NDF: 195011330673084268595363045008191191922688.0/14

Right: -1049.596+/-0.000 χ^2/NDF: 1875271262832

Left Out: 16957.575+/-0.000 χ^2/NDF:109380086255505617702852542976972438896 64.0/10

In: -6849.259+/-0.000 χ^2/NDF:301670600144202

Right Out: -10539.327+/-0.000 χ^2/NDF: 462266842278361092733940625697537586626 56.0/15

Out: 4843.682+/-0.000 χ^2/NDF:33929574980115 9

Left In: -17773.103+/-0.000 χ^2/NDF:149260669911428894526765875526186324459 52.0/10

All: -1114.529+/-0.000 χ^2/NDF: 7464452329

dit_usl_coil7_err_mean vs Slug, Sign Corrected

Left: -37.453+/-0.000 χ^2/NDF: 6997777139470911

Right In: 599.849+/-0.000 χ^2/NDF: 8925896110037324430933720871563847270 4.0/14

Right: -20.227+/-0.000 χ^2/NDF: 6830471042435100

Left Out: 605.454+/-0.000 χ^2/NDF:2060003669657688968648891386270685593 6.0/10

In: -120.691+/-0.000 χ^2/NDF:6710419743647367

Right Out: -623.569+/-0.000 χ^2/NDF: 1014488454792976030441526181268794900 48.0/15

Out: 64.002+/-0.000 χ^2/NDF:6856908765406279 7

Left In: -626.785+/-0.000 χ^2/NDF:8170989429665370050254275774703992832.0/10

All: -30.110+/-0.000 χ^2/NDF: 138304886705

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -61.112+/-0.000 χ^2/NDF: 2543368931885977

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1173.334+/-0.000 χ^2/NDF:502592256921254396792444427519246991 36.0/10

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 239.147+/-0.000 χ^2/NDF:1795887749814407

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: -24.912+/-0.000 χ^2/NDF: 393215150522

dit_usr_coil7_mean vs Slug, Sign Corrected

Left: -449.430+/-0.000 χ^2/NDF: 671887437308897

Right In: 25232.229+/-0.000 χ^2/NDF: 2453458197477203101630463386353863229440 0.0/14

Right: -532.226+/-0.000 χ^2/NDF: 89888992461613

Left Out: 18630.609+/-0.000 χ^2/NDF:4499157177792733453337123782201790431232.0/11

In: -940.058+/-0.000 χ^2/NDF:7868508361919144

Right Out: -25601.388+/-0.000 χ^2/NDF: 2435975758796451082765081984727048309964 8.0/15

Out: -30.202+/-0.000 χ^2/NDF:7832790364927991

Left In: -19322.974+/-0.000 χ^2/NDF:5509841990831420617123513924011035721728.0/10

All: -483.976+/-0.000 χ^2/NDF: 15707826192

dit_usr_coil7_err_mean vs Slug, Sign Corrected

Left: -3.353+/-0.000 χ^2/NDF: 66659527229300677
Right In: 818.668+/-0.000 χ^2/NDF: 1056065270969119744894968023183733555 20.0/14
Right: 23.778+/-0.000 χ^2/NDF: 9926549473307925
Left Out: 588.391+/-0.000 χ^2/NDF:2006019737798911499129666566607811379 2.0/11
In: -8.034+/-0.000 χ^2/NDF:870601201099148606
Right Out: -749.661+/-0.000 χ^2/NDF: 7797269183460570870614546125066915020 8.0/15
Out: 23.887+/-0.000 χ^2/NDF:7884100997883068 9
Left In: -588.693+/-0.000 χ^2/NDF:9904386894828699094725074481582178304.0/10
All: 7.967+/-0.000 χ^2/NDF: 1659814713315 5

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl1_coil7_mean vs Slug, Sign Corrected

Left: -909.343+/-0.000 χ^2/NDF: 334047502497759

Right In: 4145.268+/-0.000 χ^2/NDF: 7636939983950646896379723819335076481597 44.0/14

Right: -3504.625+/-0.000 χ^2/NDF: 1712578788282

Left Out: 11307.773+/-0.000 χ^2/NDF:3628106586224425978730098238817854868684 8.0/11

In: -5922.694+/-0.000 χ^2/NDF:902084767732052

Right Out: -10948.073+/-0.000 χ^2/NDF: 8739496685103272015146014631153961910927 36.0/15

Out: 1918.368+/-0.000 χ^2/NDF:110122853896245

Left In: -12994.239+/-0.000 χ^2/NDF:2639939747320906331564871104022427625062 4.0/10

All: -1992.219+/-0.000 χ^2/NDF: 2051791747

dit_atl1_coil7_err_mean vs Slug, Sign Corrected

Left: -10.469+/-0.000 χ^2/NDF: 6372083040457971

Right In: 1062.141+/-0.000 χ^2/NDF: 952806231926530012715872184655778152448.0/14

Right: -432.638+/-0.000 χ^2/NDF: 93397475225812

Left Out: 567.733+/-0.000 χ^2/NDF:175228847476874951680101921792553123 84.0/11

In: 96.109+/-0.000 χ^2/NDF:199572640986063157

Right Out: -1887.077+/-0.000 χ^2/NDF: 552587271836384562036602938756905828 3520.0/15

Out: -467.914+/-0.000 χ^2/NDF:786707402720723

Left In: -582.413+/-0.000 χ^2/NDF:1186014446253818181381467896572962 4064.0/10

All: -186.618+/-0.000 χ^2/NDF: 1011363817 1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atl2_coil7_mean vs Slug, Sign Corrected

Left: -8117.324+/-0.000 χ^2/NDF: 28946961702695

Right In: 80102.504+/-0.000 χ^2/NDF: 2545217840972586547236075226317424657694 72.0/14

Right: -443.492+/-0.000 χ^2/NDF: 88479516524724

Left Out: 115448.893+/-0.000 χ^2/NDF:1038801657464811255416211206986838896017408.0/11

In: -43517.739+/-0.000 χ^2/NDF:17286902459469

Right Out: -78815.832+/-0.000 χ^2/NDF: 2860769192178110994344704422319981854720 00.0/15

Out: 33491.542+/-0.000 χ^2/NDF:15877058488272

Left In: -130346.244+/-0.000 χ^2/NDF:1481748710154398198201004592799992785141 76.0/10

All: -4915.433+/-0.000 χ^2/NDF: 3784007443

dit_atl2_coil7_err_mean vs Slug, Sign Corrected

Left: -94.635+/-0.000 χ^2/NDF: 1964916620255589
Right In: 2662.183+/-0.000 χ^2/NDF: 10313892301656401578644397055833674874 88.0/14
Right: -17.413+/-0.000 χ^2/NDF: 117922842657675
Left Out: 3077.945+/-0.000 χ^2/NDF:1073709891492389198093936322660595138560.0/11
In: -800.651+/-0.000 χ^2/NDF:1455555206694384
Right Out: -2624.696+/-0.000 χ^2/NDF: 1566705216866534713590934835660406652928.0/15
Out: 672.087+/-0.000 χ^2/NDF:1518026118358382
Left In: -3232.879+/-0.000 χ^2/NDF:2757210076138912767410072402833314938 88.0/10
All: -62.414+/-0.000 χ^2/NDF: 314460236947

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr1_coil7_mean vs Slug, Sign Corrected

Left: 156.909+/-0.000 χ^2/NDF: 1873655199537507

Right In: 3390.550+/-0.000 χ^2/NDF: 6587192744155325672417919455628017375641 6.0/14

Right: 66.728+/-0.000 χ^2/NDF: 2177723560844725

Left Out: 8941.712+/-0.000 χ^2/NDF:2275754272352997686292418962883726435942 4.0/11

In: -3613.388+/-0.000 χ^2/NDF:144369798447171

Right Out: -3167.396+/-0.000 χ^2/NDF: 1377538866772411444604625318816875680890 88.0/15

Out: 3833.063+/-0.000 χ^2/NDF:217052558141828

Left In: -8532.821+/-0.000 χ^2/NDF:2429951594938022458632473755809522647040 0.0/10

All: 119.281+/-0.000 χ^2/NDF: 40514411289 8

dit_atr1_coil7_err_mean vs Slug, Sign Corrected

Left: -13.483+/-0.000 χ^2/NDF: 7520936396903635
Right In: 893.683+/-0.000 χ^2/NDF: 334583619078631008932404228227359309824.0/14
Right: -187.395+/-0.000 χ^2/NDF: 48021156818850
Left Out: 621.395+/-0.000 χ^2/NDF:132207613490335953911830349302558883 84.0/11
In: -8.097+/-0.000 χ^2/NDF:123909874324086760
Right Out: -1239.298+/-0.000 χ^2/NDF: 297099085948648399040810891893756500 3776.0/15
Out: -163.603+/-0.000 χ^2/NDF:431923837770575
Left In: -641.490+/-0.000 χ^2/NDF:604724187104646632094315292671554 3552.0/10
All: -86.047+/-0.000 χ^2/NDF: 557740460848

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_atr2_coil7_mean vs Slug, Sign Corrected

Left: -3475.224+/-0.000 χ^2/NDF: 24302392391152
Right In: 121016.482+/-0.000 χ^2/NDF: 3587138564043035549877849759836096681738 24.0/14
Right: -1170.810+/-0.000 χ^2/NDF: 2030444568824
Left Out: 111531.681+/-0.000 χ^2/NDF:162724299829921950370834246417372913074176.0/11
In: -18936.885+/-0.000 χ^2/NDF:22091556289906
Right Out: -120060.693+/-0.000 χ^2/NDF: 828419782346707601448620310014135952736256.0/15
Out: 13826.359+/-0.000 χ^2/NDF:21672960026826
Left In: -117237.465+/-0.000 χ^2/NDF:922995277061580630965444342066787920117 76.0/10
All: -2513.712+/-0.000 χ^2/NDF: 4461091057

dit_atr2_coil7_err_mean vs Slug, Sign Corrected

Left: -2.554+/-0.000 χ^2/NDF: 15921502408931202

Right In: 3329.488+/-0.000 χ^2/NDF: 567034774398456376227526824513721335808.0/14

Right: -473.285+/-0.000 χ^2/NDF: 32582486462967

Left Out: 2872.567+/-0.000 χ^2/NDF:662883582778902790585902196636778496000.0/11

In: -298.400+/-0.000 χ^2/NDF:1533808541348253

Right Out: -4173.434+/-0.000 χ^2/NDF: 1349824655153799240009500315468246810624 0.0/15

Out: -100.034+/-0.000 χ^2/NDF:333048130531602

Left In: -2846.559+/-0.000 χ^2/NDF:2295571097366821236038857641346161704 96.0/10

All: -198.965+/-0.000 χ^2/NDF: 48673924762

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam1_coil7_mean vs Slug, Sign Corrected

Left: 21.337+/-0.000 χ^2/NDF: 2367845786701889
Right In: -1268.061+/-0.000 χ^2/NDF: 109228076028883385607047049080064704512 0/14
Right: 41.017+/-0.000 χ^2/NDF: 4385100658196815
Left Out: -27.745+/-0.000 χ^2/NDF:1240186629377638978240673319387127168.0/11
In: -482.133+/-0.000 χ^2/NDF:1781620225198016
Right Out: 1314.767+/-0.000 χ^2/NDF: 1098471313864079013714609379653260935168.0/15
Out: 538.641+/-0.000 χ^2/NDF:1805860646471756
Left In: 69.887+/-0.000 χ^2/NDF:6896729055106095492675290775544659968.0/10
All: 29.548+/-0.000 χ^2/NDF: 4409076158029

dit_sam1_coil7_err_mean vs Slug, Sign Corrected

Left: -5.804+/-0.000 χ^2/NDF: 22375229610691858

Right In: 202.191+/-0.000 χ^2/NDF: 702794105275284906636904065061512806 4.0/14

Right: 4.870+/-0.000 χ^2/NDF: 6311431633575950 6

Left Out: 102.547+/-0.000 χ^2/NDF:631914374783938330949359707000668160.0/11

In: 17.055+/-0.000 χ^2/NDF:4529601533384929 0

Right Out: -187.126+/-0.000 χ^2/NDF: 623002949160552474693651580994138931 2.0/15

Out: -19.662+/-0.000 χ^2/NDF:3921793544057525

Left In: -112.981+/-0.000 χ^2/NDF:399082569166702797505998561799569408.0/10

All: -1.350+/-0.000 χ^2/NDF: 8557691672482

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam2_coil7_mean vs Slug, Sign Corrected

Left: 258.769+/-0.000 χ^2/NDF: 3307838906782510
Right In: -32594.962+/-0.000 χ^2/NDF: 2091503692070005644897245290209225201418 24.0/14
Right: 1587.778+/-0.000 χ^2/NDF: 19264741132603
Left Out: -3764.764+/-0.000 χ^2/NDF:1969097651481267133720686593450373545984.0/11
In: -10958.371+/-0.000 χ^2/NDF:7280511555908 7
Right Out: 34848.046+/-0.000 χ^2/NDF: 2211277020248117192325594340973249675919 36.0/15
Out: 12525.397+/-0.000 χ^2/NDF:7980109281669 6
Left In: 4238.758+/-0.000 χ^2/NDF:1676258877466067471746283067125033598976.0/10
All: 813.296+/-0.000 χ^2/NDF: 19609070541 3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected

Left: -33.022+/-0.000 χ^2/NDF: 2342623451337331

Right In: 1958.835+/-0.000 χ^2/NDF: 1189322999631358431600643692981190131712.0/14

Right: 55.033+/-0.000 χ^2/NDF: 6785490652460108

Left Out: 1082.769+/-0.000 χ^2/NDF:4243546759293801850495557007505883136 0.0/11

In: 140.456+/-0.000 χ^2/NDF:4879154621180332

Right Out: -1797.392+/-0.000 χ^2/NDF: 9550966238799581956571950746142402150 40.0/15

Out: -132.327+/-0.000 χ^2/NDF:419623322015972

Left In: -1136.738+/-0.000 χ^2/NDF:3666064038816023377049229979717468160 0.0/10

All: 3.718+/-0.000 χ^2/NDF: 9134060459030

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam3_coil7_mean vs Slug, Sign Corrected

Left: 59.413+/-0.000 χ^2/NDF: 2224729910575058
Right In: -18068.550+/-0.000 χ^2/NDF: 8431215644353355341776093349775376016998 4.0/14
Right: 155.704+/-0.000 χ^2/NDF: 587997392225656
Left Out: -3312.000+/-0.000 χ^2/NDF:7769336751539700934144979327469863567 36.0/11
In: -5460.979+/-0.000 χ^2/NDF:2607332174711 85
Right Out: 17888.149+/-0.000 χ^2/NDF: 7840591561291425286987523106879539301 5808.0/15
Out: 5632.022+/-0.000 χ^2/NDF:2524906041303 67
Left In: 3394.339+/-0.000 χ^2/NDF:8049690958240573917042936693908937113 60.0/10
All: 99.590+/-0.000 χ^2/NDF: 6102518020061

dit_sam3_coil7_err_mean vs Slug, Sign Corrected

Left: -7.711+/-0.000 χ^2/NDF: 97874173707649304

Right In: 958.411+/-0.000 χ^2/NDF: 2647331050585228222781371970707395706 88.0/14

Right: 32.949+/-0.000 χ^2/NDF: 1577572239072451

Left Out: 695.356+/-0.000 χ^2/NDF:4800413975037954100361026980618331 7504.0/11

In: -17.622+/-0.000 χ^2/NDF:13492933316249203

Right Out: -867.538+/-0.000 χ^2/NDF: 2161298515451667141222523176044881 51040.0/15

Out: 35.995+/-0.000 χ^2/NDF:1206021734950956 6

Left In: -703.169+/-0.000 χ^2/NDF:3204053186145142696993994476773336 6784.0/10

All: 9.254+/-0.000 χ^2/NDF: 2557581834609 8

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam4_coil7_mean vs Slug, Sign Corrected

Left: 63.330+/-0.000 χ^2/NDF: 10376898900763943
Right In: -28868.624+/-0.000 χ^2/NDF: 261450701095727362961367657926584124309504.0/14
Right: -242.630+/-0.000 χ^2/NDF: 15588395560755
Left Out: -7277.886+/-0.000 χ^2/NDF:273886730591809806831738823923410455756 8.0/11
In: -7607.978+/-0.000 χ^2/NDF:763903396757370
Right Out: 27610.848+/-0.000 χ^2/NDF: 248097983477523504935751571384400118546432.0/15
Out: 7441.143+/-0.000 χ^2/NDF:720201732002610
Left In: 7325.095+/-0.000 χ^2/NDF:304599116795237711242251693759971668 7872.0/10
All: -64.332+/-0.000 χ^2/NDF: 166268033579

dit_sam4_coil7_err_mean vs Slug, Sign Corrected

Left: -20.807+/-0.000 χ^2/NDF: 2942660248465198

Right In: 1353.413+/-0.000 χ^2/NDF: 3528879667027707133738618398805537587 20.0/14

Right: 43.718+/-0.000 χ^2/NDF: 2826295721143961

Left Out: 1192.275+/-0.000 χ^2/NDF:1508937428719364207026273994262393651 20.0/11

In: -158.689+/-0.000 χ^2/NDF:2995360939272763

Right Out: -1230.633+/-0.000 χ^2/NDF: 2769894541291500056568727445399037542 40.0/15

Out: 170.087+/-0.000 χ^2/NDF:2691556918692435

Left In: -1220.761+/-0.000 χ^2/NDF:1162968972504867199653419908309408808 96.0/10

All: 6.116+/-0.000 χ^2/NDF: 5772148977032 9

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam5_coil7_mean vs Slug, Sign Corrected

Left: -39.410+/-0.000 χ^2/NDF: 3123799611158754
Right In: -1314.782+/-0.000 χ^2/NDF: 9660823685182034815440216444056455086 08.0/14
Right: -112.789+/-0.000 χ^2/NDF: 39432514405702
Left Out: -1323.142+/-0.000 χ^2/NDF:2718058478929391169480361330340999987 2.0/11
In: 180.308+/-0.000 χ^2/NDF:3536166076329478 5
Right Out: 1056.765+/-0.000 χ^2/NDF: 1127141594187417021949832477353286041600.0/15
Out: -319.095+/-0.000 χ^2/NDF:333836126374439
Left In: 1230.430+/-0.000 χ^2/NDF:1004316910688500560864091324605205053 44.0/10
All: -70.027+/-0.000 χ^2/NDF: 707118050555

dit_sam5_coil7_err_mean vs Slug, Sign Corrected

Left: -2.914+/-0.000 χ^2/NDF: 12065657526575144

Right In: 270.538+/-0.000 χ^2/NDF: 2473839905347950323907848405170257920.0/14

Right: 15.112+/-0.000 χ^2/NDF: 8906438963054982

Left Out: 250.055+/-0.000 χ^2/NDF:2329396041694824766683600755668025344.0/11

In: -37.080+/-0.000 χ^2/NDF:10900445186758413

Right Out: -233.421+/-0.000 χ^2/NDF: 3048529087317888615064010247743995904.0/15

Out: 46.084+/-0.000 χ^2/NDF:9551225449196464 5

Left In: -253.145+/-0.000 χ^2/NDF:1980196841930298045035907903943344128.0/10

All: 4.607+/-0.000 χ^2/NDF: 20997016075743

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam6_coil7_mean vs Slug, Sign Corrected

Left: -130.481+/-0.000 χ^2/NDF: 122705160360500

Right In: 6163.445+/-0.000 χ^2/NDF: 18200622549026770504746300139009854144512.0/14

Right: 6.710+/-0.000 χ^2/NDF: 8424313097733602 2

Left Out: 577.285+/-0.000 χ^2/NDF:1439649328177123537208848134971169177 60.0/11

In: 2055.062+/-0.000 χ^2/NDF:370214304856749 4

Right Out: -5983.876+/-0.000 χ^2/NDF: 17505201913276273559161088764155841740800.0/15

Out: -2190.770+/-0.000 χ^2/NDF:34248915694866

Left In: -830.587+/-0.000 χ^2/NDF:17233709240372627319735602061512802 3040.0/10

All: -73.239+/-0.000 χ^2/NDF: 854846167938

dit_sam6_coil7_err_mean vs Slug, Sign Corrected

Left: -22.018+/-0.000 χ^2/NDF: 3128182165483401

Right In: 363.133+/-0.000 χ^2/NDF: 1150279169707645642643599827799533158 4.0/14

Right: 27.278+/-0.000 χ^2/NDF: 1636258096450768

Left Out: 384.397+/-0.000 χ^2/NDF:4703352228141784942428920611126378496.0/11

In: -99.259+/-0.000 χ^2/NDF:25553843980228518

Right Out: -299.514+/-0.000 χ^2/NDF: 7685497318744225218354652828984672256.0/15

Out: 95.865+/-0.000 χ^2/NDF:1927486409807693 5

Left In: -424.034+/-0.000 χ^2/NDF:7812894231718086106241094868881375232.0/10

All: -1.449+/-0.000 χ^2/NDF: 4783076167376

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:192909078825431 9

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam7_coil7_mean vs Slug, Sign Corrected

Left: 40.054+/-0.000 χ^2/NDF: 2918723631424919

Right In: -4242.174+/-0.000 χ^2/NDF: 678347227217415137114560108174211075276 8.0/14

Right: 52.349+/-0.000 χ^2/NDF: 3708179263230228

Left Out: -1171.784+/-0.000 χ^2/NDF:137401425112319786783295403719378599936.0/11

In: -1022.595+/-0.000 χ^2/NDF:183472960455815

Right Out: 4230.978+/-0.000 χ^2/NDF: 668240952810301675220434357374093046579 2.0/15

Out: 1107.560+/-0.000 χ^2/NDF:180754931945864

Left In: 1238.776+/-0.000 χ^2/NDF:111339045659652616720712870833504124928.0/10

All: 45.184+/-0.000 χ^2/NDF: 4000063219777

dit_sam7_coil7_err_mean vs Slug, Sign Corrected

Left: -8.095+/-0.000 χ^2/NDF: 98946310660581678

Right In: 287.460+/-0.000 χ^2/NDF: 2951704414482615593661915158136697651 2.0/14

Right: 7.151+/-0.000 χ^2/NDF: 15597171601313483

Left Out: 219.672+/-0.000 χ^2/NDF:2455507522676926762328692419180101632.0/11

In: -18.498+/-0.000 χ^2/NDF:13511313369967268

Right Out: -265.593+/-0.000 χ^2/NDF: 2584326310632905927498549925906690867 2.0/15

Out: 14.946+/-0.000 χ^2/NDF:11910121360268258

Left In: -233.397+/-0.000 χ^2/NDF:2171341737989359237753599766499950592.0/10

All: -1.734+/-0.000 χ^2/NDF: 2550962914121

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_sam8_coil7_mean vs Slug, Sign Corrected

Left: 24.512+/-0.000 χ^2/NDF: 17662313982822156
Right In: -3335.273+/-0.000 χ^2/NDF: 633808725158963752903007551715242357555 2.0/14
Right: -110.320+/-0.000 χ^2/NDF: 26741707536001
Left Out: -928.862+/-0.000 χ^2/NDF:622505100215341047345917104599680942 08.0/11
In: -807.730+/-0.000 χ^2/NDF:1344782221758095
Right Out: 3027.603+/-0.000 χ^2/NDF: 7086157086694396583090903767581326311424.0/15
Out: 740.311+/-0.000 χ^2/NDF:1318448638352381
Left In: 967.568+/-0.000 χ^2/NDF:5146188161940171856749778772086593945 6.0/10
All: -31.746+/-0.000 χ^2/NDF: 285218808380

dit_sam8_coil7_err_mean vs Slug, Sign Corrected

Left: -7.418+/-0.000 χ^2/NDF: 67707857548229784

Right In: 189.442+/-0.000 χ^2/NDF: 4707234253929700721726064108794544128.0/14

Right: 6.003+/-0.000 χ^2/NDF: 5338989642966045

Left Out: 177.811+/-0.000 χ^2/NDF:279339252992794486008158123450590822 4.0/11

In: -33.824+/-0.000 χ^2/NDF:62316992098402396

Right Out: -172.485+/-0.000 χ^2/NDF: 559481340899672826193871147040453427 2.0/15

Out: 30.026+/-0.000 χ^2/NDF:5570432113857539 0

Left In: -190.641+/-0.000 χ^2/NDF:253607038668406713200154889809192550 4.0/10

All: -1.818+/-0.000 χ^2/NDF: 1212358862395

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected

Left: -12.747+/-0.000 χ^2/NDF: 2657013306605046

Right In: 1021.684+/-0.000 χ^2/NDF: 4049310147087027839783627640359249510 4.0/14

Right: 23.805+/-0.000 χ^2/NDF: 1383338523153511

Left Out: 1180.103+/-0.000 χ^2/NDF:5078860680469029272453973050378734796 8.0/11

In: -279.065+/-0.000 χ^2/NDF:1929090788254319

Right Out: -947.145+/-0.000 χ^2/NDF: 6778465601193652151116966802801819648 0.0/15

Out: 282.649+/-0.000 χ^2/NDF:186349727376124 5

Left In: -1192.687+/-0.000 χ^2/NDF:1925528738372820566265402286738191155 2.0/10

All: 2.504+/-0.000 χ^2/NDF: 4041376432035 6

dit_4aX_coil4_mean vs Slug, Sign Corrected

Left: -0.092+/-0.000 χ^2/NDF: 75962986262153938

Right In: 0.411+/-0.000 χ^2/NDF: 338557350625556317005308982040985 6.0/14

Right: -0.308+/-0.000 χ^2/NDF: 5176319865553172

Left Out: 0.010+/-0.000 χ^2/NDF:354573516648160349272665694928896.0/11

In: 0.056+/-0.000 χ^2/NDF:391102792111074774 0

Right Out: -1.008+/-0.000 χ^2/NDF: 112840222814409639449804741070028 8.0/15

Out: -0.420+/-0.000 χ^2/NDF:1882127563967702 6

Left In: -0.193+/-0.000 χ^2/NDF:386133523330033860307880234713088.0/10

All: -0.182+/-0.000 χ^2/NDF: 5971597389441

dit_4aX_coil4_err_mean vs Slug, Sign Corrected

Left: 0.066+/-0.000 χ^2/NDF: 366281962464816002

Right In: 4.495+/-0.000 χ^2/NDF: 27422400724410975315007287915970 56.0/14

Right: 0.040+/-0.000 χ^2/NDF: 30173534256832041

Left Out: 4.324+/-0.000 χ^2/NDF:20255349693889500584071091191808 00.0/11

In: -0.580+/-0.000 χ^2/NDF:32849833269086898 0

Right Out: -4.296+/-0.000 χ^2/NDF: 20119257070620518903810074754416 64.0/15

Out: 0.687+/-0.000 χ^2/NDF:32685168492673519 3

Left In: -4.145+/-0.000 χ^2/NDF:16459426043033496085718498279424 00.0/10

All: 0.055+/-0.000 χ^2/NDF: 6680227054433 8

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eX_coil4_mean vs Slug, Sign Corrected

Left: -0.208+/-0.000 χ^2/NDF: 23190007997846699

Right In: 3.802+/-0.000 χ^2/NDF: 37954760743983389305647006576803 84.0/14

Right: -0.257+/-0.000 χ^2/NDF: 2698438341107243

Left Out: 3.305+/-0.000 χ^2/NDF:37551460533980562489867955811123 2.0/11

In: -0.595+/-0.000 χ^2/NDF:255266688887747072

Right Out: -4.206+/-0.000 χ^2/NDF: 20964278133414545733322651834777 60.0/15

Out: 0.137+/-0.000 χ^2/NDF:24226870849335382 7

Left In: -3.684+/-0.000 χ^2/NDF:36600141965642231060185007259648 0.0/10

All: -0.229+/-0.000 χ^2/NDF: 5017617766780

dit_4eX_coil4_err_mean vs Slug, Sign Corrected

Left: 0.060+/-0.000 χ^2/NDF: 316216539127816530

Right In: 4.136+/-0.000 χ^2/NDF: 3507600624388663919898505496231936.0/14

Right: 0.039+/-0.000 χ^2/NDF: 27678490251430251

Left Out: 4.035+/-0.000 χ^2/NDF:1609299061352578548486150138363904.0/11

In: -0.568+/-0.000 χ^2/NDF:292407298934601756

Right Out: -3.948+/-0.000 χ^2/NDF: 267017678394230202834555110005145 6.0/15

Out: 0.667+/-0.000 χ^2/NDF:288565858035972461

Left In: -3.873+/-0.000 χ^2/NDF:1278598291391127694323835331411968.0/10

All: 0.051+/-0.000 χ^2/NDF: 5930048169444 3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_11X12X_coil4_mean vs Slug, Sign Corrected

Left: 0.029+/-0.000 χ^2/NDF: 277746787190859319

Right In: -0.360+/-0.000 χ^2/NDF: 218025634879089684934621217895219 2.0/14

Right: 0.223+/-0.000 χ^2/NDF: 3078215805430625 7

Left Out: -0.778+/-0.000 χ^2/NDF:941792568376434225486843988672512.0/11

In: 0.338+/-0.000 χ^2/NDF:336874813296651440 3

Right Out: 0.790+/-0.000 χ^2/NDF: 463078369073343959803422903894016.0/15

Out: -0.117+/-0.000 χ^2/NDF:2352648188556043 2

Left In: 0.828+/-0.000 χ^2/NDF:650173977459122524537180454387712.0/10

All: 0.110+/-0.000 χ^2/NDF: 5884318462286 7

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected

Right In: 6.079+/-0.000 χ^2/NDF: 1590295171022705157509904488253 44.0/14

Left Out: 7.360+/-0.000 χ^2/NDF:4580380755239365503585140070154240.0/11

Right Out: -6.245+/-0.000 χ^2/NDF: 1816529163105006938510976985595904.0/15

Left In: -6.773+/-0.000 χ^2/NDF:1545880653062872635060205832372224.0/10

Left: 0.255+/-0.000 χ^2/NDF: 97899661429953453 6

Right: -0.167+/-0.000 χ^2/NDF: 5337277361381866

In: -1.470+/-0.000 χ^2/NDF:661098072576307986

Out: 1.620+/-0.000 χ^2/NDF:777700572607728020

All: 0.079+/-0.000 χ^2/NDF: 1514090769074 6

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aY_coil4_mean vs Slug, Sign Corrected

Left: -5.374+/-0.000 χ^2/NDF: 5310985688490385
Right In: 192.771+/-0.000 χ^2/NDF: 1640576279746948433391816936236515328.0/14
Right: -0.529+/-0.000 χ^2/NDF: 5140794879295893
Left Out: 164.832+/-0.000 χ^2/NDF:331248867631864480349687016910225408.0/11
In: -22.521+/-0.000 χ^2/NDF:5295856655825622
Right Out: -188.612+/-0.000 χ^2/NDF: 192234225728767456334420473001961062 4.0/15
Out: 15.720+/-0.000 χ^2/NDF:5042417445122393
Left In: -173.738+/-0.000 χ^2/NDF:1075681569239006494587955410024529 92.0/10
All: -3.352+/-0.000 χ^2/NDF: 1045358110774

dit_4aY_coil4_err_mean vs Slug, Sign Corrected

Left: 0.038+/-0.000 χ^2/NDF: 264004662994655544

Right In: 1.677+/-0.000 χ^2/NDF: 2418799240447885932927915592253 44.0/14

Right: 0.039+/-0.000 χ^2/NDF: 3934467653215597 9

Left Out: 1.210+/-0.000 χ^2/NDF:9550050245842002667238470556057 6.0/11

In: 0.034+/-0.000 χ^2/NDF:3275368114978709323

Right Out: -1.555+/-0.000 χ^2/NDF: 2556459514338902968276771951083 52.0/15

Out: 0.043+/-0.000 χ^2/NDF:3299071618905269 86

Left In: -1.121+/-0.000 χ^2/NDF:4837489656334895737228535162470 4.0/10

All: 0.039+/-0.000 χ^2/NDF: 6574514878756 2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4eY_coil4_mean vs Slug, Sign Corrected

Left: -5.993+/-0.000 χ^2/NDF: 58931613915214401

Right In: 195.940+/-0.000 χ^2/NDF: 1057891079869089572370479093183938560.0/14

Right: 0.195+/-0.000 χ^2/NDF: 51589726724001798

Left Out: 173.245+/-0.000 χ^2/NDF:42118974302231295677962122295456563 2.0/11

In: -26.825+/-0.000 χ^2/NDF:55986720653015776

Right Out: -190.268+/-0.000 χ^2/NDF: 1468473073667973330267084234323656704.0/15

Out: 19.884+/-0.000 χ^2/NDF:52843706660567935

Left In: -183.290+/-0.000 χ^2/NDF:1017388415111114178210426118324879 36.0/10

All: -3.411+/-0.000 χ^2/NDF: 1105507050353

dit_4eY_coil4_err_mean vs Slug, Sign Corrected

Left: 0.030+/-0.000 χ^2/NDF: 25487304289291096

Right In: 1.569+/-0.000 χ^2/NDF: 16284919566812338078961054095769 6.0/14

Right: 0.041+/-0.000 χ^2/NDF: 3349930396263144

Left Out: 1.190+/-0.000 χ^2/NDF:507458229360322173361448141455 36.0/11

In: -0.010+/-0.000 χ^2/NDF:29652626346543586

Right Out: -1.446+/-0.000 χ^2/NDF: 196296653917523352443271052787712.0/15

Out: 0.078+/-0.000 χ^2/NDF:292745199805556393

Left In: -1.118+/-0.000 χ^2/NDF:489734969957234809118013658234 88.0/10

All: 0.034+/-0.000 χ^2/NDF: 5898755931617

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_usl_coil4_mean vs Slug, Sign Corrected

Left: -318.161+/-0.000 χ^2/NDF: 379100111885942

Right In: 4256.386+/-0.000 χ^2/NDF: 4986054125516248596724549541595761868 80.0/14

Right: -266.755+/-0.000 χ^2/NDF: 29897737536917

Left Out: 4396.403+/-0.000 χ^2/NDF:7676863081574864401791002405526380216 32.0/10

In: -969.372+/-0.000 χ^2/NDF:317287776834937 5

Right Out: -4667.832+/-0.000 χ^2/NDF: 3201925535782807450320951772159309512704.0/15

Out: 403.111+/-0.000 χ^2/NDF:3462774375230397

Left In: -4639.846+/-0.000 χ^2/NDF:1058446303743243170530981239939506634752.0/10

All: -296.246+/-0.000 χ^2/NDF: 6780974389 3

dit_usl_coil4_err_mean vs Slug, Sign Corrected

Right In: 325.732+/-0.000 χ^2/NDF: 1463335956794024412389724276985430016 0.0/14

Left Out: 426.446+/-0.000 χ^2/NDF:9564737566607591468000084323542761472.0/10

Right Out: -366.682+/-0.000 χ^2/NDF: 3209725069994795640911744011539893 4528.0/15

Left In: -420.062+/-0.000 χ^2/NDF:7706514276709269263404419491802644480.0/10

Left: -15.211+/-0.000 χ^2/NDF: 3339353872330959

Right: -25.211+/-0.000 χ^2/NDF: 204436046213041

In: -112.357+/-0.000 χ^2/NDF:2343838173205561

Out: 77.029+/-0.000 χ^2/NDF:2763927476523588 4

All: -19.474+/-0.000 χ^2/NDF: 538446931474

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -105.453+/-0.000 χ^2/NDF: 275581291950548

Right In: 1107.052+/-0.000 χ^2/NDF: 406338317878101792405422103982694727 68.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1181.721+/-0.000 χ^2/NDF:421028838563212752568210290625090682 88.0/10

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017 1136.0/15

Out: 213.458+/-0.000 χ^2/NDF:1917151568298922

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485 3376.0/10

All: -47.303+/-0.000 χ^2/NDF: 436585203886

dit_usr_coil4_mean vs Slug, Sign Corrected

Left: -81.515+/-0.000 χ^2/NDF: 2780391490195932
Right In: 4070.444+/-0.000 χ^2/NDF: 3432818752826957399563831562952475934 72.0/14
Right: -4.119+/-0.000 χ^2/NDF: 2196193539942721
Left Out: 3775.469+/-0.000 χ^2/NDF:3446117374561161554415733115293720 90368.0/11
In: -609.591+/-0.000 χ^2/NDF:2495492786013162
Right Out: -3968.723+/-0.000 χ^2/NDF: 3599558803261947844673533694925948 84608.0/15
Out: 508.311+/-0.000 χ^2/NDF:2383013038851413
Left In: -3896.757+/-0.000 χ^2/NDF:4125307145846937302251302040143531 7888.0/10
All: -49.222+/-0.000 χ^2/NDF: 497704442491

dit_usr_coil4_err_mean vs Slug, Sign Corrected

Left: 9.420+/-0.000 χ^2/NDF: 344329492492659373

Right In: 477.186+/-0.000 χ^2/NDF: 204557199317583799788926051849747824 64.0/14

Right: 0.404+/-0.000 χ^2/NDF: 3240949272651964 5

Left Out: 430.385+/-0.000 χ^2/NDF:1512486318706351591677550060216778752 0.0/11

In: -42.190+/-0.000 χ^2/NDF:3255038316808342 9

Right Out: -463.513+/-0.000 χ^2/NDF: 1255677793106990337003183238818457190 4.0/15

Out: 53.263+/-0.000 χ^2/NDF:335798727770619 70

Left In: -406.990+/-0.000 χ^2/NDF:7014219134688394471330081136711827456.0/10

All: 5.658+/-0.000 χ^2/NDF: 6684867613361 8

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl1_coil4_mean vs Slug, Sign Corrected

Left: 34.146+/-0.000 χ^2/NDF: 2184653590245034
Right In: -3896.522+/-0.000 χ^2/NDF: 396185985164810204482484406700129847869 44.0/14
Right: -555.179+/-0.000 χ^2/NDF: 94737135323081
Left Out: -375.430+/-0.000 χ^2/NDF:958630071854954411455962799285737619456.0/11
In: -1349.612+/-0.000 χ^2/NDF:4770648635560 85
Right Out: 2695.992+/-0.000 χ^2/NDF: 408224630714623521242120583865917295820 80.0/15
Out: 920.357+/-0.000 χ^2/NDF:4541872793007468
Left In: 439.289+/-0.000 χ^2/NDF:921031566733723872829454078558930468864.0/10
All: -211.749+/-0.000 χ^2/NDF: 9718813734 4

dit_atl1_coil4_err_mean vs Slug, Sign Corrected

Left: 1.597+/-0.000 χ^2/NDF: 32522110250256488
Right In: 574.055+/-0.000 χ^2/NDF: 1521052298891604230184937095823905259 52.0/14
Right: -306.705+/-0.000 χ^2/NDF: 31486221730071
Left Out: 413.017+/-0.000 χ^2/NDF:937979680238570400350831723874877 4400.0/11
In: -1.272+/-0.000 χ^2/NDF:52590706013757462 0
Right Out: -1163.697+/-0.000 χ^2/NDF: 2003194396475465337190154787515183136768.0/15
Out: -252.175+/-0.000 χ^2/NDF:297119265978560
Left In: -405.371+/-0.000 χ^2/NDF:8096374045117906535343483577494929408.0/10
All: -127.041+/-0.000 χ^2/NDF: 3546737232 5

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atl2_coil4_mean vs Slug, Sign Corrected

Left: -2133.166+/-0.000 χ^2/NDF: 17608276129881

Right In: 24608.761+/-0.000 χ^2/NDF: 1755560042714070178763675908416726892544 0.0/14

Right: 137.211+/-0.000 χ^2/NDF: 809207355903527

Left Out: 28302.359+/-0.000 χ^2/NDF:647439605765260731478527893268239346565 12.0/11

In: -8784.508+/-0.000 χ^2/NDF:126151138901902

Right Out: -23673.937+/-0.000 χ^2/NDF: 2482422934482756731362487167729534186291 2.0/15

Out: 6374.346+/-0.000 χ^2/NDF:113128775072899

Left In: -32239.303+/-0.000 χ^2/NDF:119313978756631771428128299988035410329 60.0/10

All: -1185.856+/-0.000 χ^2/NDF: 2573988051

dit_atl2_coil4_err_mean vs Slug, Sign Corrected

Right In: 1471.095+/-0.000 χ^2/NDF: 1391749794204678410738941679564520161 28.0/14

Left Out: 2188.131+/-0.000 χ^2/NDF:5938585160905351867022075216408241766 40.0/11

Right Out: -1508.451+/-0.000 χ^2/NDF: 2500851637704250506057634469857156 13696.0/15

Left In: -2201.571+/-0.000 χ^2/NDF:1569291241796909306190302290979627991 04.0/10

Left: -18.662+/-0.000 χ^2/NDF: 9604851757835687

Right: -39.055+/-0.000 χ^2/NDF: 3309473445481991

In: -686.275+/-0.000 χ^2/NDF:5438324784011715

Out: 628.599+/-0.000 χ^2/NDF:6113094829757836

All: -27.171+/-0.000 χ^2/NDF: 129146441419

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr1_coil4_mean vs Slug, Sign Corrected

Left: 120.030+/-0.000 χ^2/NDF: 4904926728039627

Right In: -1374.510+/-0.000 χ^2/NDF: 3072775774026573120755024580495322120192.0/14

Right: -55.518+/-0.000 χ^2/NDF: 1641580107615579

Left Out: -1194.978+/-0.000 χ^2/NDF:10129821643437356447212965830585934151 68.0/11

In: 267.494+/-0.000 χ^2/NDF:67996212905624210

Right Out: 1227.879+/-0.000 χ^2/NDF: 111153129999266233964664502184486224527 36.0/15

Out: -172.811+/-0.000 χ^2/NDF:143918754957920

Left In: 1420.806+/-0.000 χ^2/NDF:74798708578592016263791693221736113766 4.0/10

All: 46.783+/-0.000 χ^2/NDF: 2134436142325

dit_atr1_coil4_err_mean vs Slug, Sign Corrected

Left: 3.384+/-0.000 χ^2/NDF: 372721142857858509
Right In: 507.809+/-0.000 χ^2/NDF: 641399279684440545968596134682207191 04.0/14
Right: -42.141+/-0.000 χ^2/NDF: 692705775128653
Left Out: 448.905+/-0.000 χ^2/NDF:697244496904172592974411149414812876 8.0/11
In: -47.369+/-0.000 χ^2/NDF:40955291948460460
Right Out: -577.250+/-0.000 χ^2/NDF: 241288780642623391683958641535574081536.0/15
Out: 15.985+/-0.000 χ^2/NDF:6542986018799037 5
Left In: -437.315+/-0.000 χ^2/NDF:48746775249687422755607612939860705 28.0/10
All: -15.611+/-0.000 χ^2/NDF: 106701634148

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_atr2_coil4_mean vs Slug, Sign Corrected

Left: -807.954+/-0.000 χ^2/NDF: 136920382018106

Right In: 30277.649+/-0.000 χ^2/NDF: 309759746415241424530900225407605192785 92.0/14

Right: 285.980+/-0.000 χ^2/NDF: 122974265906167

Left Out: 26486.725+/-0.000 χ^2/NDF:852099348334098742913175071703588405248 0.0/11

In: -3842.144+/-0.000 χ^2/NDF:132338595511608

Right Out: -28896.318+/-0.000 χ^2/NDF: 469695040580103591462505602284097141473 28.0/15

Out: 3121.457+/-0.000 χ^2/NDF:123824278408227

Left In: -27807.237+/-0.000 χ^2/NDF:619305862021989967883513981580364218368 0.0/10

All: -351.512+/-0.000 χ^2/NDF: 25998642244

dit_atr2_coil4_err_mean vs Slug, Sign Corrected

Left: 39.326+/-0.000 χ^2/NDF: 7957562789536415
Right In: 1909.434+/-0.000 χ^2/NDF: 876369740942116715241776501658694451 20.0/14
Right: -312.249+/-0.000 χ^2/NDF: 94418650101321
Left Out: 2055.788+/-0.000 χ^2/NDF:438010168588723075505721290768963862528.0/11
In: -360.767+/-0.000 χ^2/NDF:5908709241409238
Right Out: -2473.977+/-0.000 χ^2/NDF: 303390802574641812173875328660038641 2544.0/15
Out: 144.749+/-0.000 χ^2/NDF:113840153379649 7
Left In: -1955.312+/-0.000 χ^2/NDF:126909052383838166035294082177347616768.0/10
All: -107.368+/-0.000 χ^2/NDF: 17494221106

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam1_coil4_mean vs Slug, Sign Corrected

Left: 238.790+/-0.000 χ^2/NDF: 9764033800523105

Right In: -13233.367+/-0.000 χ^2/NDF: 412570438362130433675968665594996405043 20.0/14

Right: 600.026+/-0.000 χ^2/NDF: 330784909470012

Left Out: -7057.509+/-0.000 χ^2/NDF:5670227682900268361867951185690215055 36.0/11

In: -1080.099+/-0.000 χ^2/NDF:204729341611961

Right Out: 14060.103+/-0.000 χ^2/NDF: 444905947542801617664055569157113868451 84.0/15

Out: 1851.692+/-0.000 χ^2/NDF:217018548162785

Left In: 7456.124+/-0.000 χ^2/NDF:284554324589778558842129447316923351040.0/10

All: 389.515+/-0.000 χ^2/NDF: 42852532173 5

dit_sam1_coil4_err_mean vs Slug, Sign Corrected

Left: -2.328+/-0.000 χ^2/NDF: 11465996409891891

Right In: 136.711+/-0.000 χ^2/NDF: 2687065030885227126291764267456659456.0/14

Right: -2.614+/-0.000 χ^2/NDF: 3077400704218916

Left Out: 75.280+/-0.000 χ^2/NDF:2715652302917152582231842338373632 00.0/11

In: 9.943+/-0.000 χ^2/NDF:206859679115450716

Right Out: -138.179+/-0.000 χ^2/NDF: 323088335287863633464161356189846 7328.0/15

Out: -14.775+/-0.000 χ^2/NDF:2107233052694088

Left In: -79.096+/-0.000 χ^2/NDF:2439753422181147683262707808096747 52.0/10

All: -2.448+/-0.000 χ^2/NDF: 4224006616846

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam2_coil4_mean vs Slug, Sign Corrected

Left: 963.890+/-0.000 χ^2/NDF: 2299689310411856

Right In: -50695.424+/-0.000 χ^2/NDF: 22661358525390857668307776113218835552665 6.0/14

Right: 1245.090+/-0.000 χ^2/NDF: 39629195371379

Left Out: -34404.656+/-0.000 χ^2/NDF:188200072264428982560548394498558200381 44.0/11

In: 200.989+/-0.000 χ^2/NDF:30951900584449410

Right Out: 51783.912+/-0.000 χ^2/NDF: 281789617729131996271154198472617478848512.0/15

Out: 1956.998+/-0.000 χ^2/NDF:316504805338211

Left In: 35949.660+/-0.000 χ^2/NDF:653577780615223244181583213059669963571 2.0/10

All: 1081.220+/-0.000 χ^2/NDF: 6262669489

dit_sam2_coil4_err_mean vs Slug, Sign Corrected

Left: 23.438+/-0.000 χ^2/NDF: 1212663620352067

Right In: 1154.331+/-0.000 χ^2/NDF: 2492704725634707032327379103946673120 0.0/14

Right: 0.631+/-0.000 χ^2/NDF: 2179785627897997 3

Left Out: 812.768+/-0.000 χ^2/NDF:4886915095318783431292348301574982860 8.0/11

In: 31.386+/-0.000 χ^2/NDF:1673522645292724 97

Right Out: -1121.934+/-0.000 χ^2/NDF: 2261593356395673381798116440027976171 52.0/15

Out: -3.453+/-0.000 χ^2/NDF:1718368472550401 6

Left In: -757.349+/-0.000 χ^2/NDF:3103655749085336217336361224182851174 4.0/10

All: 13.922+/-0.000 χ^2/NDF: 3392848168342

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam3_coil4_mean vs Slug, Sign Corrected

Left: -130.852+/-0.000 χ^2/NDF: 273547154777802
Right In: 3117.914+/-0.000 χ^2/NDF: 1552738593335565674554918493159210090496.0/14
Right: 184.985+/-0.000 χ^2/NDF: 137039743554262
Left Out: 3727.095+/-0.000 χ^2/NDF:2374776785615428602928258343291857141 76.0/11
In: -1032.132+/-0.000 χ^2/NDF:206383219815957
Right Out: -2668.794+/-0.000 χ^2/NDF: 1136406286131098596000054422131257114624.0/15
Out: 1028.766+/-0.000 χ^2/NDF:171478919512140
Left In: -3947.046+/-0.000 χ^2/NDF:5696366101885905707081209513447207 7312.0/10
All: 0.930+/-0.000 χ^2/NDF: 4113519037694 5

dit_sam3_coil4_err_mean vs Slug, Sign Corrected

Left: 24.011+/-0.000 χ^2/NDF: 5310992125582562

Right In: 552.108+/-0.000 χ^2/NDF: 507390417411591198485239882360018698 24.0/14

Right: 15.643+/-0.000 χ^2/NDF: 4564382403190982

Left Out: 524.984+/-0.000 χ^2/NDF:4912061241363837008806236103609679872 0.0/11

In: -49.195+/-0.000 χ^2/NDF:4758944895830543 1

Right Out: -506.345+/-0.000 χ^2/NDF: 37181653297314883501659131806010572800.0/15

Out: 89.882+/-0.000 χ^2/NDF:4964451727515973 4

Left In: -471.540+/-0.000 χ^2/NDF:2568088447782771591494420536636316057 6.0/10

All: 20.520+/-0.000 χ^2/NDF: 9875911626514

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam4_coil4_mean vs Slug, Sign Corrected

Left: -1034.394+/-0.000 χ^2/NDF: 33680407028688
Right In: 43039.927+/-0.000 χ^2/NDF: 48397052922561722652666786407552179503104.0/14
Right: 1322.243+/-0.000 χ^2/NDF: 23287829079556
Left Out: 41759.238+/-0.000 χ^2/NDF:2633853262952254318597401789871975458406 4.0/11
In: -7715.351+/-0.000 χ^2/NDF:290679667494142
Right Out: -39269.627+/-0.000 χ^2/NDF: 51873036517757666237545716605051585167360.0/15
Out: 7574.385+/-0.000 χ^2/NDF:26099548855296 3
Left In: -43364.892+/-0.000 χ^2/NDF:12209695723681592241000188414954802511872.0/10
All: -51.092+/-0.000 χ^2/NDF: 570108278214

dit_sam4_coil4_err_mean vs Slug, Sign Corrected

Left: 33.114+/-0.000 χ^2/NDF: 1630992199286055
Right In: 813.500+/-0.000 χ^2/NDF: 671209168165482376389487875183513436 16.0/14
Right: 25.157+/-0.000 χ^2/NDF: 9069972726032984
Left Out: 905.383+/-0.000 χ^2/NDF:1516001192972690615538787732880422338 56.0/11
In: -151.745+/-0.000 χ^2/NDF:1192581949846065
Right Out: -741.911+/-0.000 χ^2/NDF: 4407413439721540923560474643267164 5696.0/15
Out: 210.415+/-0.000 χ^2/NDF:1242037289977298
Left In: -829.715+/-0.000 χ^2/NDF:9607783607162304834174951226091765 7600.0/10
All: 29.794+/-0.000 χ^2/NDF: 2538038020154

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam5_coil4_mean vs Slug, Sign Corrected

Left: -804.440+/-0.000 χ^2/NDF: 132562233817018
Right In: 23411.506+/-0.000 χ^2/NDF: 284274574717803193528857465713157084282 88.0/14
Right: 955.690+/-0.000 χ^2/NDF: 701538889846229
Left Out: 26089.435+/-0.000 χ^2/NDF:729747469732523123463306036407548510208 0.0/11
In: -6440.074+/-0.000 χ^2/NDF:101629631311626
Right Out: -20894.122+/-0.000 χ^2/NDF: 274089658045786491070029094099872183746 56.0/15
Out: 6267.782+/-0.000 χ^2/NDF:885907084318419
Left In: -27407.255+/-0.000 χ^2/NDF:332265985886609385842655745683846542131 2.0/10
All: -70.029+/-0.000 χ^2/NDF: 202953713345

dit_sam5_coil4_err_mean vs Slug, Sign Corrected

Left: 4.667+/-0.000 χ^2/NDF: 674560123353217064

Right In: 198.056+/-0.000 χ^2/NDF: 2482928792293864415922382990034862080.0/14

Right: 11.079+/-0.000 χ^2/NDF: 4866728486717223

Left Out: 193.084+/-0.000 χ^2/NDF:16827497054399498811225119123895746 56.0/11

In: -25.024+/-0.000 χ^2/NDF:58693744329544084

Right Out: -170.851+/-0.000 χ^2/NDF: 1418314816915016425155520631536615424.0/15

Out: 39.545+/-0.000 χ^2/NDF:5417369983342224 0

Left In: -181.711+/-0.000 χ^2/NDF:1228549704796737698218369408017891328.0/10

All: 7.342+/-0.000 χ^2/NDF: 1161548333893 3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam6_coil4_mean vs Slug, Sign Corrected

Left: -788.384+/-0.000 χ^2/NDF: 818050900657899

Right In: 15125.834+/-0.000 χ^2/NDF: 16615438767664069151744668380763246297088.0/14

Right: 626.147+/-0.000 χ^2/NDF: 30173637195947 2

Left Out: 20333.061+/-0.000 χ^2/NDF:48559492257769427632268539403690542366 72.0/11

In: -6495.105+/-0.000 χ^2/NDF:535200786769425

Right Out: -13482.244+/-0.000 χ^2/NDF: 15910426475407825250252248749810022088704.0/15

Out: 6066.895+/-0.000 χ^2/NDF:461693454041098

Left In: -21681.241+/-0.000 χ^2/NDF:21088745736492026217115303328663103078 40.0/10

All: -198.174+/-0.000 χ^2/NDF: 11213217633

dit_sam6_coil4_err_mean vs Slug, Sign Corrected

Left: 0.258+/-0.000 χ^2/NDF: 15979207429454940

Right In: 232.312+/-0.000 χ^2/NDF: 5478184144885833956204804001180418048.0/14

Right: 10.849+/-0.000 χ^2/NDF: 7283570791033899

Left Out: 289.897+/-0.000 χ^2/NDF:3202390993231935504147250998086205440.0/11

In: -72.296+/-0.000 χ^2/NDF:1120593523340345

Right Out: -204.637+/-0.000 χ^2/NDF: 455506704683523001793088286788209868 8.0/15

Out: 81.261+/-0.000 χ^2/NDF:10206210507018627

Left In: -286.246+/-0.000 χ^2/NDF:4067110443230234744644750983181631488.0/10

All: 4.677+/-0.000 χ^2/NDF: 2327138069389

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam7_coil4_mean vs Slug, Sign Corrected

Left: 76.739+/-0.000 χ^2/NDF: 3370855271105765
Right In: -1264.303+/-0.000 χ^2/NDF: 1402152515385026575491739945439319818 24.0/14
Right: -16.067+/-0.000 χ^2/NDF: 226649511001664
Left Out: -1273.912+/-0.000 χ^2/NDF:5051721948733248265912197237271900979 2.0/11
In: 308.244+/-0.000 χ^2/NDF:2876034416148533
Right Out: 1198.483+/-0.000 χ^2/NDF: 1311647638980167935154922176961671331 84.0/15
Out: -230.846+/-0.000 χ^2/NDF:253877034127960
Left In: 1412.771+/-0.000 χ^2/NDF:3642959557366432228461510163957809152.0/10
All: 38.016+/-0.000 χ^2/NDF: 564395559572

dit_sam7_coil4_err_mean vs Slug, Sign Corrected

Left: 2.658+/-0.000 χ^2/NDF: 52887146607469280
Right In: 171.323+/-0.000 χ^2/NDF: 6120975075187305509795143064993398784.0/14
Right: 5.426+/-0.000 χ^2/NDF: 47042708197761076
Left Out: 165.917+/-0.000 χ^2/NDF:2574923375517186479088669940447707136.0/11
In: -22.615+/-0.000 χ^2/NDF:49529612486075617
Right Out: -155.993+/-0.000 χ^2/NDF: 5680659281504595852021524727244783616.0/15
Out: 30.108+/-0.000 χ^2/NDF:48214291769809933
Left In: -158.834+/-0.000 χ^2/NDF:1853310895668256586520412981739651072.0/10
All: 3.813+/-0.000 χ^2/NDF: 99935728912409

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_sam8_coil4_mean vs Slug, Sign Corrected

Left: -78.814+/-0.000 χ^2/NDF: 2838993659503494

Right In: 907.442+/-0.000 χ^2/NDF: 2107238007691848638499662178406566461440.0/14

Right: 193.746+/-0.000 χ^2/NDF: 483370034209518

Left Out: 1135.509+/-0.000 χ^2/NDF:904547617734895917934786780746093690 88.0/11

In: -377.486+/-0.000 χ^2/NDF:3998973168088028

Right Out: -500.689+/-0.000 χ^2/NDF: 2074232918749953174436803426379074895872.0/15

Out: 445.222+/-0.000 χ^2/NDF:319700162996565 0

Left In: -1279.995+/-0.000 χ^2/NDF:6759230470388403202855923944878243840 0.0/10

All: 34.911+/-0.000 χ^2/NDF: 7729666433906

dit_sam8_coil4_err_mean vs Slug, Sign Corrected

Left: 1.011+/-0.000 χ^2/NDF: 36308944838533435
Right In: 116.159+/-0.000 χ^2/NDF: 11985264274851997853965041272881152 00.0/14
Right: 4.320+/-0.000 χ^2/NDF: 1850075643090107 2
Left Out: 133.695+/-0.000 χ^2/NDF:2332238004384262852879386446827356160.0/11
In: -28.577+/-0.000 χ^2/NDF:2631219864745966 1
Right Out: -104.501+/-0.000 χ^2/NDF: 1285986383644058507445602420764180480.0/15
Out: 33.204+/-0.000 χ^2/NDF:2549629849593312 0
Left In: -130.237+/-0.000 χ^2/NDF:1968814259217478663576054483231178752.0/10
All: 2.392+/-0.000 χ^2/NDF: 5481809749299 9

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected

Left: -65.918+/-0.000 χ^2/NDF: 2831749902088431

Right In: 1107.052+/-0.000 χ^2/NDF: 4063383178781017924054221039826947276 8.0/14

Right: 30.953+/-0.000 χ^2/NDF: 1595991371539270

Left Out: 1166.869+/-0.000 χ^2/NDF:4465184558952975476945196414054432768 0.0/11

In: -298.283+/-0.000 χ^2/NDF:2246669587664541

Right Out: -1016.106+/-0.000 χ^2/NDF: 7256766433350919271218431003715017113 6.0/15

Out: 245.904+/-0.000 χ^2/NDF:1954763504813796

Left In: -1285.364+/-0.000 χ^2/NDF:2400257280373234595973604809551485337 6.0/10

All: -25.499+/-0.000 χ^2/NDF: 443493791328

dit_4aX_coil6_mean vs Slug, Sign Corrected

Left: -0.255+/-0.000 χ^2/NDF: 2217681353185582
Right In: 2.123+/-0.000 χ^2/NDF: 5263705922821075971022013849403392.0/14
Right: -0.039+/-0.000 χ^2/NDF: 1371901956190569
Left Out: 2.975+/-0.000 χ^2/NDF:1653073452461549310648226194391040.0/11
In: -1.151+/-0.000 χ^2/NDF:186566302459324539
Right Out: -2.142+/-0.000 χ^2/NDF: 2472949940993672466161692257026048.0/15
Out: 0.817+/-0.000 χ^2/NDF:142230420380905144
Left In: -3.450+/-0.000 χ^2/NDF:1551935058842125730993767819771904.0/10
All: -0.165+/-0.000 χ^2/NDF: 3593171973560

dit_4aX_coil6_err_mean vs Slug, Sign Corrected

Right In: 4.495+/-0.000 χ^2/NDF: 252702422198160615323291986344017 92.0/14

Left Out: 1.379+/-0.000 χ^2/NDF:1503843295012242268496560851517 44.0/11

Right Out: -3.852+/-0.000 χ^2/NDF: 1231497147655680655051884763860172 8.0/15

Left In: -1.482+/-0.000 χ^2/NDF:3103377104757794957745094058311 68.0/10

Left: -0.059+/-0.000 χ^2/NDF: 4221338809733583 2

Right: 0.264+/-0.000 χ^2/NDF: 6050582364888339 6

In: 0.984+/-0.000 χ^2/NDF:391989386496345964 4

Out: -0.828+/-0.000 χ^2/NDF:2301887881616390 2

All: 0.076+/-0.000 χ^2/NDF: 6480733516241 6

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eX_coil6_mean vs Slug, Sign Corrected

Left: -0.273+/-0.000 χ^2/NDF: 16328800028734705

Right In: 1.480+/-0.000 χ^2/NDF: 579967069590278445905576798768332 8.0/14

Right: -0.020+/-0.000 χ^2/NDF: 1277469544314031

Left Out: 2.298+/-0.000 χ^2/NDF:207987099173978046259333480369356 8.0/11

In: -1.044+/-0.000 χ^2/NDF:150671870172542634

Right Out: -1.480+/-0.000 χ^2/NDF: 409264580061376557266298782036787 2.0/15

Out: 0.704+/-0.000 χ^2/NDF:116768203154190595

Left In: -2.816+/-0.000 χ^2/NDF:223079023457958178188476021945139 2.0/10

All: -0.168+/-0.000 χ^2/NDF: 2915247501265

dit_4eX_coil6_err_mean vs Slug, Sign Corrected

Right In: 4.424+/-0.000 χ^2/NDF: 282574592728762106088398304732774 40.0/14

Left Out: 1.291+/-0.000 χ^2/NDF:1192017256184521909174903242752 00.0/11

Right Out: -3.727+/-0.000 χ^2/NDF: 1399181681474984251979428485346 0992.0/15

Left In: -1.387+/-0.000 χ^2/NDF:2453812059137343689478295613603 84.0/10

Left: -0.056+/-0.000 χ^2/NDF: 36599109111417461

Right: 0.293+/-0.000 χ^2/NDF: 64106471830391853

In: 1.011+/-0.000 χ^2/NDF:4137923473893372080

Out: -0.826+/-0.000 χ^2/NDF:2382007871532663 3

All: 0.090+/-0.000 χ^2/NDF: 6785950193178 3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682 34752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236 72320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_11X12X_coil6_mean vs Slug, Sign Corrected

Left: 0.021+/-0.000 χ^2/NDF: 57456947506908561
Right In: 4.785+/-0.000 χ^2/NDF: 399655607315477971180815947032166 4,0/14
Right: 0.029+/-0.000 χ^2/NDF: 3394856656842674 2
Left Out: 5.542+/-0.000 χ^2/NDF:1063589592141187742244511087067136,0/11
In: -1.222+/-0.000 χ^2/NDF:448312824685683470
Right Out: -4.598+/-0.000 χ^2/NDF: 98960715679294863324763277964083 2.0/15
Out: 1.264+/-0.000 χ^2/NDF:41702445109465698 4
Left In: -5.441+/-0.000 χ^2/NDF:969147874620390855399339032838144.0/10
All: 0.024+/-0.000 χ^2/NDF: 9140557061234 9

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected

Left: 0.037+/-0.000 χ^2/NDF: 951216511750757833

Right In: 5.366+/-0.000 χ^2/NDF: 1878072472206349709615300930122547 2.0/14

Right: 0.015+/-0.000 χ^2/NDF: 7119941384422655 3

Left Out: 2.259+/-0.000 χ^2/NDF:39539961495195911612782151624294 4.0/11

In: 0.944+/-0.000 χ^2/NDF:4052171462043791024

Right Out: -5.192+/-0.000 χ^2/NDF: 1574957375494534575443243695289 1392.0/15

Out: -0.885+/-0.000 χ^2/NDF:3755287546995295 3

Left In: -2.162+/-0.000 χ^2/NDF:1383679388391032485467510496296 96.0/10

All: 0.027+/-0.000 χ^2/NDF: 8071194607126 6

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4aY_coil6_mean vs Slug, Sign Corrected

Left: -2.011+/-0.000 χ^2/NDF: 31072160739853167
Right In: 22.385+/-0.000 χ^2/NDF: 192226086002359263779409418332300 9024.0/14
Right: 1.456+/-0.000 χ^2/NDF: 46653243676344267
Left Out: 38.806+/-0.000 χ^2/NDF:516499052921885882041725317661327 36.0/11
In: -15.663+/-0.000 χ^2/NDF:35481778634917281
Right Out: -18.907+/-0.000 χ^2/NDF: 218222180840815629359399399275783 7824.0/15
Out: 14.458+/-0.000 χ^2/NDF:35182359761379109
Left In: -42.386+/-0.000 χ^2/NDF:265556601285629865530169274862141 44.0/10
All: -0.564+/-0.000 χ^2/NDF: 7781760585963

dit_4aY_coil6_err_mean vs Slug, Sign Corrected

Left: 0.010+/-0.000 χ^2/NDF: 30849529651621156

Right In: 1.384+/-0.000 χ^2/NDF: 157115932410206412048794093669580 8.0/14

Right: 0.104+/-0.000 χ^2/NDF: 4480295700772902 3

Left Out: 0.412+/-0.000 χ^2/NDF:938241427547201867498346722099 2.0/11

In: 0.343+/-0.000 χ^2/NDF:277353006534072708 9

Right Out: -1.142+/-0.000 χ^2/NDF: 810680738285448955223066212827136.0/15

Out: -0.243+/-0.000 χ^2/NDF:17511630764332006

Left In: -0.389+/-0.000 χ^2/NDF:446811213011264064139415466803 2.0/10

All: 0.049+/-0.000 χ^2/NDF: 4795604637543 1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_4eY_coil6_mean vs Slug, Sign Corrected

Left: 0.115+/-0.000 χ^2/NDF: 877202582639736103

Right In: -19.175+/-0.000 χ^2/NDF: 1246364705689764961102868160463241216.0/14

Right: -0.091+/-0.000 χ^2/NDF: 3202145485356183

Left Out: -20.466+/-0.000 χ^2/NDF:5862838192367345729443358951289651 2.0/11

In: 4.115+/-0.000 χ^2/NDF:189413859306817838

Right Out: 18.479+/-0.000 χ^2/NDF: 1489398115046175180640331393369374720.0/15

Out: -4.035+/-0.000 χ^2/NDF:21328659955407988

Left In: 20.473+/-0.000 χ^2/NDF:4848495336334982011034847893730099 2.0/10

All: 0.029+/-0.000 χ^2/NDF: 4079380498302

dit_4eY_coil6_err_mean vs Slug, Sign Corrected

Left: 0.005+/-0.000 χ^2/NDF: 270980526388398617

Right In: 1.274+/-0.000 χ^2/NDF: 1212041476631073599154045304438784.0/14

Right: 0.095+/-0.000 χ^2/NDF: 3598732831032468 2

Left Out: 0.384+/-0.000 χ^2/NDF:582232202907859826826012943974 4.0/11

In: 0.309+/-0.000 χ^2/NDF:224568466689180780 5

Right Out: -1.052+/-0.000 χ^2/NDF: 607316121057753919194559126962176.0/15

Out: -0.222+/-0.000 χ^2/NDF:1408503689243692 0

Left In: -0.369+/-0.000 χ^2/NDF:4166350638848138676707816112128.0/10

All: 0.043+/-0.000 χ^2/NDF: 3875882838199 7

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_usl_coil6_mean vs Slug, Sign Corrected

Left: 67.682+/-0.000 χ^2/NDF: 2104282925537346
Right In: -697.283+/-0.000 χ^2/NDF: 4904357906981338284757696929443642081 28.0/14
Right: 88.833+/-0.000 χ^2/NDF: 2360125827736184
Left Out: -1054.675+/-0.000 χ^2/NDF:3589341456175128983102800453580514918 4.0/10
In: 356.413+/-0.000 χ^2/NDF:1740513713272145
Right Out: 853.734+/-0.000 χ^2/NDF: 1078379020126412317155932275156201766912.0/15
Out: -213.916+/-0.000 χ^2/NDF:247329313672222
Left In: 1096.508+/-0.000 χ^2/NDF:2339709246408509237500801467455792742 4.0/10
All: 76.698+/-0.000 χ^2/NDF: 446474651350

dit_usl_coil6_err_mean vs Slug, Sign Corrected

Left: -8.396+/-0.000 χ^2/NDF: 36384355238386043
Right In: 329.108+/-0.000 χ^2/NDF: 116863820700538623524207945698672377856.0/14
Right: -3.278+/-0.000 χ^2/NDF: 3459018192319126
Left Out: 137.012+/-0.000 χ^2/NDF:101436281743819413270965517262258176 0.0/10
In: 52.557+/-0.000 χ^2/NDF:20240803637991835
Right Out: -326.695+/-0.000 χ^2/NDF: 875691233543180206886110284151079424.0/15
Out: -67.276+/-0.000 χ^2/NDF:1688197715864031
Left In: -141.688+/-0.000 χ^2/NDF:1044882408057849194081424130600599552.0/10
All: -6.215+/-0.000 χ^2/NDF: 3823059515642

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1169.420+/-0.000 χ^2/NDF:523590585284842121529758179305539502 08.0/10

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -86.182+/-0.000 χ^2/NDF: 2642058453366472

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 225.803+/-0.000 χ^2/NDF:184313289738696 9

All: -46.560+/-0.000 χ^2/NDF: 405607578172

dit_usr_coil6_mean vs Slug, Sign Corrected

Left: -16.168+/-0.000 χ^2/NDF: 6517518654293770
Right In: -444.512+/-0.000 χ^2/NDF: 396481903501593703066535851229953654784.0/14
Right: -13.070+/-0.000 χ^2/NDF: 116395703795034
Left Out: -579.272+/-0.000 χ^2/NDF:325845815245288609415955974070426664 96.0/11
In: 134.297+/-0.000 χ^2/NDF:8092974397051261
Right Out: 406.729+/-0.000 χ^2/NDF: 529122421866774810012941782239129108480.0/15
Out: -163.293+/-0.000 χ^2/NDF:936589740364006
Left In: 540.842+/-0.000 χ^2/NDF:426701933174978179110303674663666974 72.0/10
All: -14.875+/-0.000 χ^2/NDF: 181571626575

dit_usr_coil6_err_mean vs Slug, Sign Corrected

Left: -1.475+/-0.000 χ^2/NDF: 3578033492733562
Right In: 442.162+/-0.000 χ^2/NDF: 204015999343694089140945697316947361792.0/14
Right: 18.346+/-0.000 χ^2/NDF: 5398999467995186
Left Out: 134.562+/-0.000 χ^2/NDF:112312226540328749702431763383451648 0.0/11
In: 102.519+/-0.000 χ^2/NDF:3324792030210218
Right Out: -394.033+/-0.000 χ^2/NDF: 105882611624182009489804426207740035072.0/15
Out: -88.444+/-0.000 χ^2/NDF:2147483337083206
Left In: -136.040+/-0.000 χ^2/NDF:101109306147965052726112745049554 9440.0/10
All: 6.795+/-0.000 χ^2/NDF: 5759815630921

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl1_coil6_mean vs Slug, Sign Corrected

Left: -66.378+/-0.000 χ^2/NDF: 8728806118871986
Right In: 1729.013+/-0.000 χ^2/NDF: 6413121297273347408075624116507964866560.0/14
Right: 162.918+/-0.000 χ^2/NDF: 159853161210173
Left Out: 582.152+/-0.000 χ^2/NDF:7008377264783148612573298976880171417 6.0/11
In: 297.546+/-0.000 χ^2/NDF:8715174091100298 3
Right Out: -1360.914+/-0.000 χ^2/NDF: 6431605933148863413038417850186506174464.0/15
Out: -237.598+/-0.000 χ^2/NDF:795753517913564
Left In: -707.889+/-0.000 χ^2/NDF:3811648618881798069903242600243213 1072.0/10
All: 29.296+/-0.000 χ^2/NDF: 1689851779226

dit_atl1_coil6_err_mean vs Slug, Sign Corrected

Left: -2.478+/-0.000 χ^2/NDF: 33670260224072050

Right In: 617.343+/-0.000 χ^2/NDF: 79236601298595419834531775026875596800 0.0/14

Right: -295.811+/-0.000 χ^2/NDF: 50275218393015

Left Out: 129.339+/-0.000 χ^2/NDF:98727129875870321248937043989993881 6.0/11

In: 176.659+/-0.000 χ^2/NDF:1008021532552816 3

Right Out: -1184.322+/-0.000 χ^2/NDF: 3167423043121242666563535820496559931392.0/15

Out: -424.874+/-0.000 χ^2/NDF:383384679503055

Left In: -132.869+/-0.000 χ^2/NDF:1091839085664014112201463155711279104.0/10

All: -124.871+/-0.000 χ^2/NDF: 51271793033

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atl2_coil6_mean vs Slug, Sign Corrected

Left: 334.389+/-0.000 χ^2/NDF: 882200792503166

Right In: -4107.443+/-0.000 χ^2/NDF: 1452743632498203145427778083121181963059 2.0/14

Right: 38.278+/-0.000 χ^2/NDF: 5690231407009786

Left Out: -6398.906+/-0.000 χ^2/NDF:4560292812943761149136938286094472970240.0/11

In: 2414.162+/-0.000 χ^2/NDF:6274970680925114

Right Out: 4072.120+/-0.000 χ^2/NDF: 2036717142369016809577885467876492994150 4.0/15

Out: -1981.339+/-0.000 χ^2/NDF:67205872968541

Left In: 6994.812+/-0.000 χ^2/NDF:1231738289385705389055875270097690951680.0/10

All: 210.837+/-0.000 χ^2/NDF: 14518963657 5

dit_atl2_coil6_err_mean vs Slug, Sign Corrected

Left: -17.010+/-0.000 χ^2/NDF: 9589871877272368

Right In: 1343.321+/-0.000 χ^2/NDF: 1317478352429773686550511077330771771392.0/14

Right: 7.741+/-0.000 χ^2/NDF: 49251444178656230

Left Out: 685.307+/-0.000 χ^2/NDF:463332490809858132337422121534582947 84.0/11

In: 136.160+/-0.000 χ^2/NDF:2943372362818716 0

Right Out: -1291.796+/-0.000 χ^2/NDF: 1323568917008872977905960011586991030272.0/15

Out: -148.803+/-0.000 χ^2/NDF:287719999706056

Left In: -711.726+/-0.000 χ^2/NDF:1587341997958320730706842924701712384 0.0/10

All: -6.683+/-0.000 χ^2/NDF: 5884601406998

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr1_coil6_mean vs Slug, Sign Corrected

Left: -35.507+/-0.000 χ^2/NDF: 8534436967394536
Right In: 582.390+/-0.000 χ^2/NDF: 3387965676230320400727919964604900311 04.0/14
Right: 190.108+/-0.000 χ^2/NDF: 270460615635385
Left Out: 605.074+/-0.000 χ^2/NDF:6791251524544619672993713088270591 5904.0/11
In: -152.784+/-0.000 χ^2/NDF:9754243982311555
Right Out: -191.587+/-0.000 χ^2/NDF: 2168762120552346223416743005020716269568.0/15
Out: 268.975+/-0.000 χ^2/NDF:2481404905102664
Left In: -669.155+/-0.000 χ^2/NDF:3948119524056361725384223052261647 9744.0/10
All: 58.630+/-0.000 χ^2/NDF: 3597086809072

dit_atr1_coil6_err_mean vs Slug, Sign Corrected

Left: -2.367+/-0.000 χ^2/NDF: 39549748395756711

Right In: 542.328+/-0.000 χ^2/NDF: 414378812003795549649034048462817067008.0/14

Right: -164.982+/-0.000 χ^2/NDF: 36290648240362

Left Out: 142.333+/-0.000 χ^2/NDF:699754234994212847043453967042347008.0/11

In: 138.288+/-0.000 χ^2/NDF:5955245908966435

Right Out: -853.203+/-0.000 χ^2/NDF: 257407638144104678777244913713391704473 6.0/15

Out: -277.669+/-0.000 χ^2/NDF:295694420364328

Left In: -145.502+/-0.000 χ^2/NDF:782066035610550272928661281894825984.0/10

All: -70.218+/-0.000 χ^2/NDF: 36888941096 3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_atr2_coil6_mean vs Slug, Sign Corrected

Left: 40.816+/-0.000 χ^2/NDF: 6046809289017192
Right In: -4568.297+/-0.000 χ^2/NDF: 2419505214816571954071311092197775690956 8.0/14
Right: -138.996+/-0.000 χ^2/NDF: 80283768430562
Left Out: -5592.357+/-0.000 χ^2/NDF:150250799859091565006793475308868180377 6.0/11
In: 1412.339+/-0.000 χ^2/NDF:649853745086205 4
Right Out: 4170.773+/-0.000 χ^2/NDF: 309672488321879120411139095594811030241 28.0/15
Out: -1473.440+/-0.000 χ^2/NDF:69224914404037
Left In: 5613.024+/-0.000 χ^2/NDF:127221065993626195724813317350317096960 0.0/10
All: -34.210+/-0.000 χ^2/NDF: 140776657149

dit_atr2_coil6_err_mean vs Slug, Sign Corrected

Left: 0.564+/-0.000 χ^2/NDF: 791773878076069145

Right In: 1556.763+/-0.000 χ^2/NDF: 1139364239218600567191855131756930793472.0/14

Right: -363.793+/-0.000 χ^2/NDF: 14852877470384

Left Out: 642.639+/-0.000 χ^2/NDF:2993134603013431608081893749007633612 8.0/11

In: 269.551+/-0.000 χ^2/NDF:298230730661913 41

Right Out: -2232.520+/-0.000 χ^2/NDF: 8990395725533930134878595569706942332928.0/15

Out: -570.347+/-0.000 χ^2/NDF:122079278406858

Left In: -634.562+/-0.000 χ^2/NDF:1230844280940303119066955631464284160 0.0/10

All: -151.463+/-0.000 χ^2/NDF: 15746462164

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam1_coil6_mean vs Slug, Sign Corrected

Left: 100.639+/-0.000 χ^2/NDF: 9504114139630339

Right In: -337.865+/-0.000 χ^2/NDF: 1515251593300707989166109794076208188620 8.0/14

Right: -99.949+/-0.000 χ^2/NDF: 316982138957514

Left Out: -2162.857+/-0.000 χ^2/NDF:1263322752329302576384826203917590200 32.0/11

In: 1234.934+/-0.000 χ^2/NDF:1794842889484232

Right Out: 131.545+/-0.000 χ^2/NDF: 1647321765107887797637742441995690206822 4.0/15

Out: -1194.883+/-0.000 χ^2/NDF:18629471707312

Left In: 2339.639+/-0.000 χ^2/NDF:6286014424745695754381090628418142208 0.0/10

All: 16.944+/-0.000 χ^2/NDF: 4123318495094

dit_sam1_coil6_err_mean vs Slug, Sign Corrected

Left: -0.703+/-0.000 χ^2/NDF: 12737969644467641

Right In: 113.134+/-0.000 χ^2/NDF: 9989638354332004017458192433874468864.0/14

Right: 5.701+/-0.000 χ^2/NDF: 30279176036436111

Left Out: 25.204+/-0.000 χ^2/NDF:3534099872996691286313832039212646 4.0/11

In: 31.211+/-0.000 χ^2/NDF:174228215351618200

Right Out: -98.833+/-0.000 χ^2/NDF: 5510365308590426333953610701260980224.0/15

Out: -27.125+/-0.000 χ^2/NDF:1147829075591207

Left In: -26.331+/-0.000 χ^2/NDF:1814287340881457348195075804364 8000.0/10

All: 1.969+/-0.000 χ^2/NDF: 3158442544452 6

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam2_coil6_mean vs Slug, Sign Corrected

Left: 35.008+/-0.000 χ^2/NDF: 4067554181164901
Right In: 6175.493+/-0.000 χ^2/NDF: 1172608771629212239674783490507084524421 12.0/14
Right: 6.138+/-0.000 χ^2/NDF: 3030550742774767
Left Out: 4428.101+/-0.000 χ^2/NDF:2900138976874387724183278190835470958592.0/11
In: 15.865+/-0.000 χ^2/NDF:1618670823869909
Right Out: -5996.727+/-0.000 χ^2/NDF: 1370577107850251365434077101079163568128 00.0/15
Out: 30.024+/-0.000 χ^2/NDF:1818640147944198
Left In: -4310.541+/-0.000 χ^2/NDF:2687248811790643780000086030830396243968.0/10
All: 22.962+/-0.000 χ^2/NDF: 3437312552543

dit_sam2_coil6_err_mean vs Slug, Sign Corrected

Left: -7.049+/-0.000 χ^2/NDF: 1356437374052163 2

Right In: 1186.846+/-0.000 χ^2/NDF: 1796463312802023303623210264680353234944.0/14

Right: 69.987+/-0.000 χ^2/NDF: 4321353447769683

Left Out: 257.255+/-0.000 χ^2/NDF:2781253601465669157863687249484316672.0/11

In: 331.962+/-0.000 χ^2/NDF:2609769726458601 5

Right Out: -1016.732+/-0.000 χ^2/NDF: 9276460034660942495583916910248250572 80.0/15

Out: -280.221+/-0.000 χ^2/NDF:155627640866420

Left In: -268.493+/-0.000 χ^2/NDF:5855734975706547823556607966386847744.0/10

All: 25.094+/-0.000 χ^2/NDF: 4461548431254

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam3_coil6_mean vs Slug, Sign Corrected

Left: 35.728+/-0.000 χ^2/NDF: 2617562196994142
Right In: -643.217+/-0.000 χ^2/NDF: 2727269646082066940272851597849253642 24.0/14
Right: -14.605+/-0.000 χ^2/NDF: 989448118075246
Left Out: -1138.759+/-0.000 χ^2/NDF:7100618595342425427059079171817026355 2.0/11
In: 438.045+/-0.000 χ^2/NDF:160305698716382 82
Right Out: 597.043+/-0.000 χ^2/NDF: 2107333707980314493635040043190053765 12.0/15
Out: -406.450+/-0.000 χ^2/NDF:144356337261443
Left In: 1197.503+/-0.000 χ^2/NDF:3862472214156096110271057023906663628 8.0/10
All: 14.726+/-0.000 χ^2/NDF: 360895317018 8

dit_sam3_coil6_err_mean vs Slug, Sign Corrected

Left: -2.777+/-0.000 χ^2/NDF: 59914587397512786
Right In: 575.526+/-0.000 χ^2/NDF: 432680039285849719493276471277131923456.0/14
Right: 45.250+/-0.000 χ^2/NDF: 1002053890195510
Left Out: 166.360+/-0.000 χ^2/NDF:305271620929540504980712909554319360 0.0/11
In: 137.546+/-0.000 χ^2/NDF:6494694160664590
Right Out: -470.716+/-0.000 χ^2/NDF: 209310604291868219806073768764512403456.0/15
Out: -102.413+/-0.000 χ^2/NDF:368866079354582
Left In: -170.082+/-0.000 χ^2/NDF:485116535847865018698307963773465395 2.0/10
All: 17.262+/-0.000 χ^2/NDF: 1063737364413

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:1992534711877389

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam4_coil6_mean vs Slug, Sign Corrected

Left: 34.548+/-0.000 χ^2/NDF: 8733279042780031
Right In: -4565.412+/-0.000 χ^2/NDF: 3566776824743228998489904272515548787507 2.0/14
Right: -144.626+/-0.000 χ^2/NDF: 10623220696347
Left Out: -6634.457+/-0.000 χ^2/NDF:364015088040329978433954375699564540723 2.0/11
In: 2011.723+/-0.000 χ^2/NDF:862930841856365
Right Out: 4156.859+/-0.000 χ^2/NDF: 455394554416599271577084430999306821959 68.0/15
Out: -2081.764+/-0.000 χ^2/NDF:94084012188749
Left In: 6631.377+/-0.000 χ^2/NDF:2831140540306304869921468245145345327104.0/10
All: -40.212+/-0.000 χ^2/NDF: 19358961743

dit_sam4_coil6_err_mean vs Slug, Sign Corrected

Left: -5.735+/-0.000 χ^2/NDF: 18477712648236645

Right In: 775.824+/-0.000 χ^2/NDF: 641856726975740612716432458612629045248.0/14

Right: 64.659+/-0.000 χ^2/NDF: 1586988053007642

Left Out: 288.226+/-0.000 χ^2/NDF:1060734921843509529640037672872252254 72.0/11

In: 145.919+/-0.000 χ^2/NDF:1097299663662386

Right Out: -627.315+/-0.000 χ^2/NDF: 297517676171111924966086193860621369344.0/15

Out: -98.027+/-0.000 χ^2/NDF:6313426381503725

Left In: -296.514+/-0.000 χ^2/NDF:170618790220164840642952102284445614 08.0/10

All: 23.637+/-0.000 χ^2/NDF: 177556541085

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam5_coil6_mean vs Slug, Sign Corrected

Left: -62.999+/-0.000 χ^2/NDF: 4025709858577995
Right In: -64.751+/-0.000 χ^2/NDF: 96142234488518141916838173499895589109 76.0/14
Right: -2.927+/-0.000 χ^2/NDF: 2340007670014095
Left Out: -1149.036+/-0.000 χ^2/NDF:97738428125152786279715726571691258675 2.0/11
In: 567.326+/-0.000 χ^2/NDF:1095954142307667
Right Out: 57.229+/-0.000 χ^2/NDF: 13780958977008702301942505454387177979904.0/15
Out: -640.131+/-0.000 χ^2/NDF:153194243932265
Left In: 1011.284+/-0.000 χ^2/NDF:9039094084218741717390015431597956792 32.0/10
All: -37.934+/-0.000 χ^2/NDF: 274285540726

dit_sam5_coil6_err_mean vs Slug, Sign Corrected

Left: 0.793+/-0.000 χ^2/NDF: 68275380749844430
Right In: 121.228+/-0.000 χ^2/NDF: 272317085768436257480063759486130585 6.0/14
Right: 7.708+/-0.000 χ^2/NDF: 21192213294007068
Left Out: 60.239+/-0.000 χ^2/NDF:225102554491032869548797845500329984.0/11
In: 15.941+/-0.000 χ^2/NDF:15148149113250368 6
Right Out: -102.749+/-0.000 χ^2/NDF: 196766802484601033365442767055591833 6.0/15
Out: -8.523+/-0.000 χ^2/NDF:12436372618875294
Left In: -58.011+/-0.000 χ^2/NDF:177427701786540438757655027214450688.0/10
All: 3.678+/-0.000 χ^2/NDF: 28056421642135

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam6_coil6_mean vs Slug, Sign Corrected

Left: -21.924+/-0.000 χ^2/NDF: 3523794568652633

Right In: 199.503+/-0.000 χ^2/NDF: 3268159745923533825045181664876849790976.0/14

Right: 17.033+/-0.000 χ^2/NDF: 8991370549930185

Left Out: -1135.455+/-0.000 χ^2/NDF:6546975925965793491330100581789251665 92.0/11

In: 716.457+/-0.000 χ^2/NDF:4178153737741059 8

Right Out: -160.512+/-0.000 χ^2/NDF: 5680576709461197901526729703706251493376.0/15

Out: -724.141+/-0.000 χ^2/NDF:6701794637577 53

Left In: 1079.555+/-0.000 χ^2/NDF:6147343985758774528580327527109120 49152.0/10

All: -5.669+/-0.000 χ^2/NDF: 1251632905272

dit_sam6_coil6_err_mean vs Slug, Sign Corrected

Left: -4.202+/-0.000 χ^2/NDF: 17384612750229045

Right In: 143.764+/-0.000 χ^2/NDF: 45147858695657778499005085918219468 80.0/14

Right: 3.823+/-0.000 χ^2/NDF: 32765016379949297

Left Out: 90.882+/-0.000 χ^2/NDF:326242734851411629220497356388040704.0/11

In: 1.598+/-0.000 χ^2/NDF:274659541456019497 0

Right Out: -132.341+/-0.000 χ^2/NDF: 317408790879624528768235991428235 2640.0/15

Out: -3.293+/-0.000 χ^2/NDF:22714212497857002

Left In: -98.257+/-0.000 χ^2/NDF:62099377677309339303336942847079 2192.0/10

All: -0.854+/-0.000 χ^2/NDF: 5019902274084

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485 6324096.0/14

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722 1888.0/11

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823 4752.0/15

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367 2320.0/10

All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_sam7_coil6_mean vs Slug, Sign Corrected

Left: -8.329+/-0.000 χ^2/NDF: 4544089185144213
Right In: 285.856+/-0.000 χ^2/NDF: 2410824480235553006466331130108628172 8.0/14
Right: 2.840+/-0.000 χ^2/NDF: 1708227674194589 5
Left Out: 476.795+/-0.000 χ^2/NDF:1269599482428800046590619093459743539 2.0/11
In: -168.836+/-0.000 χ^2/NDF:2663585226046871
Right Out: -272.539+/-0.000 χ^2/NDF: 4414995266507559365033871333357571276 8.0/15
Out: 160.663+/-0.000 χ^2/NDF:2733623549167339
Left In: -488.203+/-0.000 χ^2/NDF:1382883198035888365328943239197307699 2.0/10
All: -3.669+/-0.000 χ^2/NDF: 6253273590333

dit_sam7_coil6_err_mean vs Slug, Sign Corrected

Left: -1.410+/-0.000 χ^2/NDF: 57550913372035412

Right In: 173.871+/-0.000 χ^2/NDF: 41705473404466232613073704554990665728.0/14

Right: 12.139+/-0.000 χ^2/NDF: 9772897307710637

Left Out: 52.656+/-0.000 χ^2/NDF:14015942338588797669206616754146508 8.0/11

In: 39.493+/-0.000 χ^2/NDF:61956402161347872 4

Right Out: -145.228+/-0.000 χ^2/NDF: 22529615719408594720785265744437837824.0/15

Out: -30.828+/-0.000 χ^2/NDF:3776923807481634

Left In: -54.891+/-0.000 χ^2/NDF:3003582745061136124863381758845911 04.0/10

All: 4.243+/-0.000 χ^2/NDF: 1036248534255 5

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected

Right In: 1013.146+/-0.000 χ^2/NDF: 317212709095220992059361007248563240 96.0/14

Left Out: 1171.807+/-0.000 χ^2/NDF:524249012820985838563124925770372218 88.0/11

Right Out: -972.465+/-0.000 χ^2/NDF: 788844572007826559627560699154682347 52.0/15

Left In: -1237.150+/-0.000 χ^2/NDF:303234458439937371646919867402236723 20.0/10

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436

Right: 6.761+/-0.000 χ^2/NDF: 1407495442173032

In: -308.706+/-0.000 χ^2/NDF:199253471187738 9

Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6

All: -20.037+/-0.000 χ^2/NDF: 415830099668

dit_sam8_coil6_mean vs Slug, Sign Corrected

Left: 110.297+/-0.000 χ^2/NDF: 1876439765485971
Right In: -2131.905+/-0.000 χ^2/NDF: 7224333845704950711314506619836705013 76.0/14
Right: -94.234+/-0.000 χ^2/NDF: 683113062504059
Left Out: -3083.729+/-0.000 χ^2/NDF:1783226778566638241493092060688600268 80.0/11
In: 1041.098+/-0.000 χ^2/NDF:1188405782367471
Right Out: 1888.448+/-0.000 χ^2/NDF: 7919866655519806910327198626117698191 36.0/15
Out: -986.042+/-0.000 χ^2/NDF:105033900940683
Left In: 3269.755+/-0.000 χ^2/NDF:3809809618039106243109217623978121625 6.0/10
All: 24.957+/-0.000 χ^2/NDF: 2562760992420

dit_sam8_coil6_err_mean vs Slug, Sign Corrected

Left: -1.797+/-0.000 χ^2/NDF: 42588434917302014

Right In: 100.135+/-0.000 χ^2/NDF: 7813910768784473081480373577053110272.0/14

Right: 9.403+/-0.000 χ^2/NDF: 21880477100402541

Left Out: 43.994+/-0.000 χ^2/NDF:1440388770879811948064706780022702 08.0/11

In: 13.652+/-0.000 χ^2/NDF:16380012936248555

Right Out: -78.881+/-0.000 χ^2/NDF: 3525129078433901202304301512966275072.0/15

Out: -7.845+/-0.000 χ^2/NDF:94911269536078839

Left In: -47.092+/-0.000 χ^2/NDF:3025501560868665348054471174028001 28.0/10

All: 2.876+/-0.000 χ^2/NDF: 2623551568947 9

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected

Left: -39.225+/-0.000 χ^2/NDF: 2749183771125436
Right In: 1013.146+/-0.000 χ^2/NDF: 3172127090952209920593610072485632409 6.0/14
Right: 6.761+/-0.000 χ^2/NDF: 1407495442173303 2
Left Out: 1171.807+/-0.000 χ^2/NDF:5242490128209858385631249257703722188 8.0/11
In: -308.706+/-0.000 χ^2/NDF:199253471187738 9
Right Out: -972.465+/-0.000 χ^2/NDF: 7888445720078265596275606991546823475 2.0/15
Out: 267.171+/-0.000 χ^2/NDF:190427366699918 6
Left In: -1237.150+/-0.000 χ^2/NDF:3032344584399373716469198674022367232 0.0/10
All: -20.037+/-0.000 χ^2/NDF: 41583009966 8

dit_run_mean vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: -5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: -7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 544.300+/-0.067 χ^2/NDF: 11467691043.9/47

Right: -1536.191+/-0.111 χ^2/NDF: 2585354230.9/30

In: -4211.004+/-0.086 χ^2/NDF:3922075931.5/37

Out: 3294.134+/-0.077 χ^2/NDF:6170438889.1/40

All: -15.116+/-0.057 χ^2/NDF: 14311598667.5

dit_run_rms vs Slug, Sign Corrected

Right In: 5774.117+/-0.181 χ^2/NDF: 1828526.5/14

Left Out: 7258.636+/-0.092 χ^2/NDF:4237941.4/24

Right Out: 5861.461+/-0.140 χ^2/NDF: 180020.4/15

Left In: 7137.987+/-0.098 χ^2/NDF:4549121.8/22

Left: 7202.367+/-0.067 χ^2/NDF: 9591818.2/47

Right: 5828.993+/-0.111 χ^2/NDF: 2154118.4/30

In: 6828.818+/-0.086 χ^2/NDF:50065585.8/37

Out: 6836.451+/-0.077 χ^2/NDF:74342923.0/40

All: 6833.085+/-0.057 χ^2/NDF: 124412873.1

dit_slug_slope vs Slug, Sign Corrected

Left: 162.851+/-0.000 χ^2/NDF: 3540465111321937

Right In: 114.980+/-0.000 χ^2/NDF: 112344936246012934714934440230912.0/16

Right: 117.096+/-0.000 χ^2/NDF: 180832885295768

Left Out: 161.437+/-0.000 χ^2/NDF:1443514150867720869199862059499 52.0/24

In: 138.150+/-0.000 χ^2/NDF:19909207355439177

Right Out: 120.186+/-0.000 χ^2/NDF: 52233253644261695528198041763840.0/18

Out: 140.465+/-0.000 χ^2/NDF:104159193076998 8

Left In: 163.890+/-0.000 χ^2/NDF:20630892609006918370936038726041 6.0/22

All: 139.110+/-0.000 χ^2/NDF: 30387430742 4

dit_cyclenum_mean vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: -5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: -8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: -221.056+/-0.274 χ^2/NDF: 921962342.7/47

Right: -1694.510+/-0.544 χ^2/NDF: 75266282.5/30

In: -6360.026+/-0.353 χ^2/NDF:171632346.5/37

Out: 4915.430+/-0.340 χ^2/NDF:302691560.4/40

All: -519.775+/-0.245 χ^2/NDF: 1003073907.0

dit_cyclenum_rms vs Slug, Sign Corrected

Right In: 4925.305+/-0.939 χ^2/NDF: 330994.6/14

Left Out: 8412.753+/-0.396 χ^2/NDF:2106465.3/24

Right Out: 5045.221+/-0.668 χ^2/NDF: 30179.9/15

Left In: 8217.639+/-0.381 χ^2/NDF:2974101.4/22

Left: 8311.458+/-0.274 χ^2/NDF: 5206774.3/47

Right: 5004.922+/-0.544 χ^2/NDF: 372009.4/30

In: 7752.303+/-0.353 χ^2/NDF:13867841.6/37

Out: 7537.633+/-0.340 χ^2/NDF:20955273.2/40

All: 7641.112+/-0.245 χ^2/NDF: 35014772.5/7

dit_scandata1_mean vs Slug, Sign Corrected

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected

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

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

Left: 0.000+/-0.000 χ^2/NDF: 0.0/0

Right: 0.000+/-0.000 χ^2/NDF: 0.0/0

In: 0.000+/-0.000 χ^2/NDF:0.0/0

Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: 0.000+/-0.000 χ^2/NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: -1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: -1.000+/-0.000 χ^2/NDF:385.6/22

Left: -0.308+/-0.000 χ^2/NDF: 25106005466555206

Right: 0.398+/-0.000 χ^2/NDF: 14173250084479480

In: -0.878+/-0.000 χ^2/NDF:44191390662143057 7

Out: 0.900+/-0.000 χ^2/NDF:19264216350456297 8

All: -0.268+/-0.000 χ^2/NDF: 2731457681481

dit_flag_rms vs Slug, Sign Corrected

Right In: 1.000+/-0.000 χ^2/NDF: 95.9/14

Left Out: 1.000+/-0.000 χ^2/NDF:1596.8/24

Right Out: 1.000+/-0.000 χ^2/NDF: 168.9/15

Left In: 1.000+/-0.000 χ^2/NDF:385.6/22

Left: 1.000+/-0.000 χ^2/NDF: 802.6/47

Right: 1.000+/-0.000 χ^2/NDF: 347.8/30

In: 1.000+/-0.000 χ^2/NDF:746.7/37

Out: 1.000+/-0.000 χ^2/NDF:607.7/40

All: 1.000+/-0.000 χ^2/NDF: 1354.4/78

dit_segment_slope vs Slug, Sign Corrected

Right In: 1.778+/-0.021 χ^2/NDF: 0.0/0

Left Out: 1.000+/-0.000 χ^2/NDF:18616.2/20

Right Out: 1.750+/-0.021 χ^2/NDF: 0.0/0

Left In: 1.000+/-0.000 χ^2/NDF:12089.0/20

Left: 1.000+/-0.000 χ^2/NDF: 19113.7/41

Right: 1.764+/-0.015 χ^2/NDF: 0.9/1

In: 1.000+/-0.000 χ^2/NDF:13506.5/21

Out: 1.000+/-0.000 χ^2/NDF:19846.7/21

All: 1.000+/-0.000 χ^2/NDF: 21761.7/43

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -8.576+/-0.496 χ^2/NDF: 124.9/2

Left Out: -8.149+/-0.068 χ^2/NDF:3613.1/24

Right Out: -2.777+/-0.299 χ^2/NDF: 359.0/3

Left In: -7.701+/-0.068 χ^2/NDF:3737.2/22

Left: -7.928+/-0.048 χ^2/NDF: 7372.0/47

Right: -4.321+/-0.256 χ^2/NDF: 584.2/6

In: -7.718+/-0.068 χ^2/NDF:3865.2/25

Out: -7.888+/-0.066 χ^2/NDF:4279.6/28

All: -7.805+/-0.047 χ^2/NDF: 8148.0/54

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -58.013+/-0.137 χ^2/NDF: 3645.5/19

Left Out: -52.271+/-0.055 χ^2/NDF:2609.6/24

Right Out: -58.405+/-0.135 χ^2/NDF: 5398.5/22

Left In: -52.050+/-0.057 χ^2/NDF:3197.5/22

Left: -52.164+/-0.040 χ^2/NDF: 5814.9/47

Right: -58.212+/-0.096 χ^2/NDF: 9048.2/42

In: -52.928+/-0.053 χ^2/NDF:8455.5/42

Out: -53.149+/-0.051 χ^2/NDF:9775.5/47

All: -53.042+/-0.037 χ^2/NDF: 18240.1/90

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.871+/-0.221 χ^2/NDF: 741.0/19

Left Out: -5.725+/-0.068 χ^2/NDF:3989.1/24

Right Out: -4.343+/-0.182 χ^2/NDF: 2550.0/22

Left In: -6.379+/-0.068 χ^2/NDF:3395.7/22

Left: -6.049+/-0.048 χ^2/NDF: 7431.1/47

Right: -2.232+/-0.141 χ^2/NDF: 3621.6/42

In: -5.748+/-0.065 χ^2/NDF:5117.4/42

Out: -5.557+/-0.063 χ^2/NDF:6589.4/47

All: -5.650+/-0.045 χ^2/NDF: 11711.2/90

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.944+/-0.153 χ^2/NDF: 4094.3/19

Left Out: 10.950+/-0.062 χ^2/NDF:2620.4/24

Right Out: 11.327+/-0.154 χ^2/NDF: 4822.4/22

Left In: 10.818+/-0.063 χ^2/NDF:3577.7/22

Left: 10.886+/-0.044 χ^2/NDF: 6200.3/47

Right: 11.134+/-0.109 χ^2/NDF: 8919.8/42

In: 10.836+/-0.058 χ^2/NDF:7672.6/42

Out: 11.002+/-0.057 χ^2/NDF:7447.9/47

All: 10.921+/-0.041 χ^2/NDF: 15124.6/90

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.297+/-0.008 χ^2/NDF: 651.4/19

Left Out: 0.473+/-0.003 χ^2/NDF:515.0/24

Right Out: 0.255+/-0.008 χ^2/NDF: 1176.6/22

Left In: 0.463+/-0.003 χ^2/NDF:749.9/22

Left: 0.468+/-0.002 χ^2/NDF: 1270.7/47

Right: 0.276+/-0.006 χ^2/NDF: 1842.8/42

In: 0.445+/-0.003 χ^2/NDF:1808.5/42

Out: 0.449+/-0.003 χ^2/NDF:2368.5/47

All: 0.447+/-0.002 χ^2/NDF: 4178.4/90

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -28.564+/-3.697 χ^2/NDF: 67.0/2

Left Out: -44.074+/-0.389 χ^2/NDF:632.8/24

Right Out: -4.624+/-2.432 χ^2/NDF: 80.5/3

Left In: -42.185+/-0.398 χ^2/NDF:651.0/22

Left: -43.149+/-0.278 χ^2/NDF: 1295.4/47

Right: -11.854+/-2.032 χ^2/NDF: 176.7/6

In: -42.030+/-0.395 χ^2/NDF:731.4/25

Out: -43.088+/-0.384 χ^2/NDF:969.9/28

All: -42.574+/-0.276 χ^2/NDF: 1705.0/54

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -40.774+/-1.103 χ^2/NDF: 1299.1/19

Left Out: -26.867+/-0.317 χ^2/NDF:629.1/24

Right Out: -44.715+/-1.137 χ^2/NDF: 1577.0/22

Left In: -26.825+/-0.325 χ^2/NDF:1481.6/22

Left: -26.847+/-0.227 χ^2/NDF: 2110.7/47

Right: -42.685+/-0.792 χ^2/NDF: 2882.3/42

In: -27.942+/-0.312 χ^2/NDF:2927.7/42

Out: -28.154+/-0.305 χ^2/NDF:2434.8/47

All: -28.050+/-0.218 χ^2/NDF: 5362.7/90

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -133.411+/-1.729 χ^2/NDF: 454.0/19

Left Out: -131.805+/-0.392 χ^2/NDF:2417.0/24

Right Out: -158.721+/-1.480 χ^2/NDF: 1135.9/22

Left In: -132.799+/-0.398 χ^2/NDF:2515.9/22

Left: -132.294+/-0.279 χ^2/NDF: 4936.0/47

Right: -148.013+/-1.124 χ^2/NDF: 1713.6/42

In: -132.829+/-0.388 χ^2/NDF:2970.0/42

Out: -133.569+/-0.379 χ^2/NDF:3861.8/47

All: -133.208+/-0.271 χ^2/NDF: 6833.7/90

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -171.769+/-1.244 χ^2/NDF: 1020.9/19

Left Out: -142.517+/-0.355 χ^2/NDF:1144.2/24

Right Out: -168.177+/-1.307 χ^2/NDF: 1185.7/22

Left In: -141.769+/-0.363 χ^2/NDF:1604.4/22

Left: -142.151+/-0.254 χ^2/NDF: 2750.7/47

Right: -170.061+/-0.901 χ^2/NDF: 2210.5/42

In: -144.117+/-0.348 χ^2/NDF:3160.9/42

Out: -144.278+/-0.342 χ^2/NDF:2688.9/47

All: -144.199+/-0.244 χ^2/NDF: 5849.9/90

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.087+/-0.065 χ^2/NDF: 529.3/19

Left Out: 1.568+/-0.016 χ^2/NDF:541.0/24

Right Out: -0.302+/-0.068 χ^2/NDF: 816.0/22

Left In: 1.522+/-0.016 χ^2/NDF:739.1/22

Left: 1.545+/-0.012 χ^2/NDF: 1284.1/47

Right: -0.099+/-0.047 χ^2/NDF: 1362.5/42

In: 1.435+/-0.016 χ^2/NDF:1728.1/42

Out: 1.466+/-0.016 χ^2/NDF:2080.6/47

All: 1.451+/-0.011 χ^2/NDF: 3810.6/90

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -32.727+/-1.853 χ^2/NDF: 177.4/2

Left Out: -39.942+/-0.153 χ^2/NDF:9806.2/24

Right Out: -8.172+/-1.143 χ^2/NDF: 256.4/3

Left In: -39.060+/-0.154 χ^2/NDF:8577.0/22

Left: -39.503+/-0.109 χ^2/NDF: 18399.6/47

Right: -14.942+/-0.973 χ^2/NDF: 561.0/6

In: -39.017+/-0.153 χ^2/NDF:8766.0/25

Out: -39.381+/-0.152 χ^2/NDF:10821.3/28

All: -39.200+/-0.108 χ^2/NDF: 19590.1/54

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.245+/-0.484 χ^2/NDF: 205.4/19

Left Out: 0.770+/-0.124 χ^2/NDF:3952.9/24

Right Out: -4.259+/-0.481 χ^2/NDF: 158.1/22

Left In: 0.662+/-0.124 χ^2/NDF:3340.9/22

Left: 0.716+/-0.088 χ^2/NDF: 7294.2/47

Right: -3.755+/-0.341 χ^2/NDF: 365.7/42

In: 0.422+/-0.120 χ^2/NDF:3607.4/42

Out: 0.455+/-0.120 χ^2/NDF:4213.5/47

All: 0.438+/-0.085 χ^2/NDF: 7821.0/90

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -53.673+/-0.768 χ^2/NDF: 714.8/19

Left Out: -47.888+/-0.155 χ^2/NDF:16707.2/24

Right Out: -70.605+/-0.639 χ^2/NDF: 2583.7/22

Left In: -47.112+/-0.155 χ^2/NDF:15654.8/22

Left: -47.500+/-0.109 χ^2/NDF: 32374.6/47

Right: -63.670+/-0.491 χ^2/NDF: 3585.9/42

In: -47.369+/-0.152 χ^2/NDF:16439.8/42

Out: -49.146+/-0.150 χ^2/NDF:20483.8/47

All: -48.265+/-0.107 χ^2/NDF: 36992.8/90

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 22.711+/-0.548 χ^2/NDF: 490.4/19

Left Out: 21.005+/-0.139 χ^2/NDF:2789.5/24

Right Out: 22.966+/-0.555 χ^2/NDF: 420.4/22

Left In: 21.069+/-0.139 χ^2/NDF:2176.7/22

Left: 21.037+/-0.098 χ^2/NDF: 4966.4/47

Right: 22.837+/-0.390 χ^2/NDF: 910.9/42

In: 21.168+/-0.135 χ^2/NDF:2675.5/42

Out: 21.121+/-0.135 χ^2/NDF:3221.7/47

All: 21.144+/-0.095 χ^2/NDF: 5897.3/90

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.394+/-0.029 χ^2/NDF: 496.3/19

Left Out: 0.146+/-0.006 χ^2/NDF:609.8/24

Right Out: -0.482+/-0.029 χ^2/NDF: 1059.3/22

Left In: 0.151+/-0.006 χ^2/NDF:873.9/22

Left: 0.149+/-0.004 χ^2/NDF: 1484.1/47

Right: -0.439+/-0.021 χ^2/NDF: 1560.1/42

In: 0.127+/-0.006 χ^2/NDF:1699.4/42

Out: 0.117+/-0.006 χ^2/NDF:2114.8/47

All: 0.122+/-0.004 χ^2/NDF: 3815.3/90

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -28.535+/-3.635 χ^2/NDF: 117.7/2

Left Out: -83.163+/-0.407 χ^2/NDF:13794.3/24

Right Out: -1.902+/-2.373 χ^2/NDF: 207.2/3

Left In: -82.342+/-0.413 χ^2/NDF:10954.9/22

Left: -82.758+/-0.290 χ^2/NDF: 24751.3/47

Right: -9.859+/-1.987 χ^2/NDF: 362.6/6

In: -81.657+/-0.410 χ^2/NDF:11288.9/25

Out: -80.840+/-0.401 χ^2/NDF:15140.6/28

All: -81.239+/-0.287 χ^2/NDF: 26431.6/54

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 26.341+/-0.788 χ^2/NDF: 855.8/19

Left Out: 34.306+/-0.321 χ^2/NDF:6163.7/24

Right Out: 28.697+/-0.786 χ^2/NDF: 1219.9/22

Left In: 34.893+/-0.328 χ^2/NDF:4754.6/22

Left: 34.593+/-0.229 χ^2/NDF: 10919.9/47

Right: 27.521+/-0.556 χ^2/NDF: 2080.2/42

In: 33.628+/-0.303 χ^2/NDF:5710.8/42

Out: 33.505+/-0.297 χ^2/NDF:7427.3/47

All: 33.565+/-0.212 χ^2/NDF: 13138.2/90

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -91.200+/-1.286 χ^2/NDF: 1736.4/19

Left Out: -86.377+/-0.409 χ^2/NDF:14435.1/24

Right Out: -111.574+/-1.113 χ^2/NDF: 2967.9/22

Left In: -85.441+/-0.413 χ^2/NDF:12998.9/22

Left: -85.914+/-0.291 χ^2/NDF: 27436.5/47

Right: -102.843+/-0.842 χ^2/NDF: 4847.8/42

In: -85.980+/-0.393 χ^2/NDF:14753.4/42

Out: -89.374+/-0.384 χ^2/NDF:17854.2/47

All: -87.718+/-0.275 χ^2/NDF: 32645.8/90

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 183.041+/-0.904 χ^2/NDF: 5514.4/19

Left Out: 179.109+/-0.363 χ^2/NDF:5877.5/24

Right Out: 177.287+/-0.907 χ^2/NDF: 6522.2/22

Left In: 176.449+/-0.370 χ^2/NDF:4442.1/22

Left: 177.804+/-0.259 χ^2/NDF: 10345.9/47

Right: 180.174+/-0.640 χ^2/NDF: 12056.8/42

In: 177.393+/-0.342 χ^2/NDF:10002.1/42

Out: 178.858+/-0.337 χ^2/NDF:12403.1/47

All: 178.137+/-0.240 χ^2/NDF: 22414.5/90

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -1.251+/-0.047 χ^2/NDF: 706.5/19

Left Out: -0.787+/-0.017 χ^2/NDF:1760.7/24

Right Out: -1.367+/-0.045 χ^2/NDF: 1038.8/22

Left In: -0.702+/-0.017 χ^2/NDF:2421.3/22

Left: -0.745+/-0.012 χ^2/NDF: 4194.8/47

Right: -1.312+/-0.032 χ^2/NDF: 1748.5/42

In: -0.764+/-0.016 χ^2/NDF:3248.2/42

Out: -0.858+/-0.016 χ^2/NDF:2948.3/47

All: -0.812+/-0.011 χ^2/NDF: 6214.1/90

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -2.652+/-0.951 χ^2/NDF: 31.7/2

Left Out: -10.147+/-0.202 χ^2/NDF:4128.5/24

Right Out: 3.527+/-0.554 χ^2/NDF: 270.5/3

Left In: -10.149+/-0.204 χ^2/NDF:3491.7/22

Left: -10.148+/-0.143 χ^2/NDF: 7620.2/47

Right: 1.960+/-0.479 χ^2/NDF: 333.7/6

In: -9.819+/-0.199 χ^2/NDF:3582.8/25

Out: -8.547+/-0.190 χ^2/NDF:4936.3/28

All: -9.152+/-0.137 χ^2/NDF: 8540.5/54

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 62.925+/-0.254 χ^2/NDF: 2552.1/19

Left Out: 56.508+/-0.159 χ^2/NDF:1962.3/24

Right Out: 61.611+/-0.236 χ^2/NDF: 3415.6/22

Left In: 56.674+/-0.165 χ^2/NDF:1679.8/22

Left: 56.588+/-0.114 χ^2/NDF: 3642.7/47

Right: 62.220+/-0.173 χ^2/NDF: 5982.1/42

In: 58.526+/-0.138 χ^2/NDF:4658.9/42

Out: 58.109+/-0.132 χ^2/NDF:5700.0/47

All: 58.308+/-0.095 χ^2/NDF: 10363.6/90

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 3.655+/-0.402 χ^2/NDF: 200.2/19

Left Out: 13.485+/-0.202 χ^2/NDF:2731.0/24

Right Out: 3.175+/-0.314 χ^2/NDF: 407.3/22

Left In: 13.456+/-0.203 χ^2/NDF:2371.9/22

Left: 13.471+/-0.143 χ^2/NDF: 5102.9/47

Right: 3.358+/-0.248 χ^2/NDF: 608.4/42

In: 11.463+/-0.181 χ^2/NDF:3045.9/42

Out: 10.475+/-0.170 χ^2/NDF:3899.9/47

All: 10.937+/-0.124 χ^2/NDF: 6961.6/90

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 44.618+/-0.296 χ^2/NDF: 25258.3/19

Left Out: 87.023+/-0.179 χ^2/NDF:1057.2/24

Right Out: 46.249+/-0.280 χ^2/NDF: 29581.3/22

Left In: 86.443+/-0.184 χ^2/NDF:1038.6/22

Left: 86.740+/-0.128 χ^2/NDF: 2100.8/47

Right: 45.479+/-0.203 χ^2/NDF: 54855.7/42

In: 74.775+/-0.156 χ^2/NDF:40713.1/42

Out: 75.129+/-0.151 χ^2/NDF:45693.7/47

All: 74.958+/-0.109 χ^2/NDF: 86409.5/90

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.113+/-0.013 χ^2/NDF: 750.3/19

Left Out: -0.375+/-0.008 χ^2/NDF:1657.5/24

Right Out: 0.076+/-0.012 χ^2/NDF: 821.8/22

Left In: -0.320+/-0.008 χ^2/NDF:2325.0/22

Left: -0.348+/-0.006 χ^2/NDF: 4005.2/47

Right: 0.093+/-0.009 χ^2/NDF: 1576.2/42

In: -0.203+/-0.007 χ^2/NDF:3841.1/42

Out: -0.238+/-0.007 χ^2/NDF:3411.2/47

All: -0.221+/-0.005 χ^2/NDF: 7265.5/90

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 11.857+/-1.541 χ^2/NDF: 11.4/2

Left Out: 21.818+/-0.210 χ^2/NDF:522.7/24

Right Out: 20.906+/-0.982 χ^2/NDF: 190.9/3

Left In: 20.860+/-0.216 χ^2/NDF:575.5/22

Left: 21.351+/-0.151 χ^2/NDF: 1108.3/47

Right: 18.291+/-0.828 χ^2/NDF: 226.9/6

In: 20.687+/-0.213 χ^2/NDF:620.4/25

Out: 21.778+/-0.206 χ^2/NDF:714.4/28

All: 21.253+/-0.148 χ^2/NDF: 1348.4/54

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 53.344+/-0.209 χ^2/NDF: 1551.9/19

Left Out: 41.732+/-0.166 χ^2/NDF:1014.0/24

Right Out: 53.435+/-0.224 χ^2/NDF: 1456.8/22

Left In: 41.682+/-0.173 χ^2/NDF:1715.9/22

Left: 41.709+/-0.120 χ^2/NDF: 2729.9/47

Right: 53.386+/-0.153 χ^2/NDF: 3008.9/42

In: 46.442+/-0.133 χ^2/NDF:5113.6/42

Out: 45.888+/-0.133 χ^2/NDF:4238.6/47

All: 46.165+/-0.094 χ^2/NDF: 9360.8/90

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 1.946+/-0.351 χ^2/NDF: 2845.4/19

Left Out: 52.116+/-0.210 χ^2/NDF:1445.4/24

Right Out: 8.535+/-0.342 χ^2/NDF: 4333.1/22

Left In: 53.447+/-0.214 χ^2/NDF:1167.6/22

Left: 52.769+/-0.150 χ^2/NDF: 2632.6/47

Right: 5.324+/-0.245 χ^2/NDF: 7359.3/42

In: 39.443+/-0.183 χ^2/NDF:19700.2/42

Out: 40.151+/-0.179 χ^2/NDF:17552.6/47

All: 39.804+/-0.128 χ^2/NDF: 37260.5/90

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.644+/-0.246 χ^2/NDF: 18520.5/19

Left Out: 73.294+/-0.187 χ^2/NDF:3148.2/24

Right Out: 2.757+/-0.264 χ^2/NDF: 16588.5/22

Left In: 73.699+/-0.194 χ^2/NDF:3901.1/22

Left: 73.489+/-0.135 χ^2/NDF: 7051.6/47

Right: 1.623+/-0.180 χ^2/NDF: 35143.3/42

In: 45.654+/-0.152 χ^2/NDF:76939.3/42

Out: 49.690+/-0.153 χ^2/NDF:67173.5/47

All: 47.663+/-0.108 χ^2/NDF: 144463.2/90

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.096+/-0.011 χ^2/NDF: 486.4/19

Left Out: -0.397+/-0.009 χ^2/NDF:943.5/24

Right Out: 0.087+/-0.011 χ^2/NDF: 542.8/22

Left In: -0.369+/-0.009 χ^2/NDF:1322.7/22

Left: -0.383+/-0.006 χ^2/NDF: 2271.6/47

Right: 0.092+/-0.008 χ^2/NDF: 1029.6/42

In: -0.190+/-0.007 χ^2/NDF:2918.5/42

Out: -0.213+/-0.007 χ^2/NDF:2705.0/47

All: -0.201+/-0.005 χ^2/NDF: 5628.9/90

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 26.375+/-0.780 χ^2/NDF: 295.7/2

Left Out: 9.470+/-0.061 χ^2/NDF:12578.0/24

Right Out: 36.645+/-0.441 χ^2/NDF: 406.6/3

Left In: 9.315+/-0.063 χ^2/NDF:11007.3/22

Left: 9.394+/-0.044 χ^2/NDF: 23588.5/47

Right: 34.159+/-0.384 χ^2/NDF: 833.5/6

In: 9.424+/-0.063 χ^2/NDF:11777.8/25

Out: 9.985+/-0.061 χ^2/NDF:16708.1/28

All: 9.713+/-0.044 χ^2/NDF: 28527.2/54

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 10.237+/-0.118 χ^2/NDF: 896.1/19

Left Out: 12.393+/-0.050 χ^2/NDF:7525.9/24

Right Out: 10.945+/-0.114 χ^2/NDF: 896.6/22

Left In: 12.302+/-0.051 χ^2/NDF:5661.3/22

Left: 12.349+/-0.036 χ^2/NDF: 13188.8/47

Right: 10.603+/-0.082 χ^2/NDF: 1811.3/42

In: 11.976+/-0.047 χ^2/NDF:6815.4/42

Out: 12.162+/-0.046 χ^2/NDF:8557.6/47

All: 12.071+/-0.033 χ^2/NDF: 15380.9/90

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -71.726+/-0.189 χ^2/NDF: 5944.1/19

Left Out: -43.930+/-0.062 χ^2/NDF:17576.0/24

Right Out: -75.495+/-0.162 χ^2/NDF: 3695.1/22

Left In: -43.591+/-0.063 χ^2/NDF:15574.9/22

Left: -43.763+/-0.044 χ^2/NDF: 33165.5/47

Right: -73.906+/-0.123 χ^2/NDF: 9868.4/42

In: -46.402+/-0.060 χ^2/NDF:41396.6/42

Out: -47.981+/-0.058 χ^2/NDF:54510.0/47

All: -47.217+/-0.042 χ^2/NDF: 96266.3/90

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -16.096+/-0.131 χ^2/NDF: 1653.7/19

Left Out: -19.526+/-0.056 χ^2/NDF:6493.0/24

Right Out: -16.714+/-0.127 χ^2/NDF: 1256.3/22

Left In: -19.552+/-0.057 χ^2/NDF:4359.1/22

Left: -19.539+/-0.040 χ^2/NDF: 10852.2/47

Right: -16.417+/-0.091 χ^2/NDF: 2921.4/42

In: -19.003+/-0.052 χ^2/NDF:6594.0/42

Out: -19.068+/-0.051 χ^2/NDF:8161.5/47

All: -19.037+/-0.037 χ^2/NDF: 14756.3/90

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.200+/-0.007 χ^2/NDF: 6390.4/19

Left Out: 0.387+/-0.003 χ^2/NDF:989.2/24

Right Out: -0.224+/-0.007 χ^2/NDF: 6384.0/22

Left In: 0.389+/-0.003 χ^2/NDF:1257.1/22

Left: 0.388+/-0.002 χ^2/NDF: 2246.7/47

Right: -0.212+/-0.005 χ^2/NDF: 12779.8/42

In: 0.325+/-0.002 χ^2/NDF:13206.5/42

Out: 0.316+/-0.002 χ^2/NDF:13977.8/47

All: 0.320+/-0.002 χ^2/NDF: 27191.4/90

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 15.843+/-0.565 χ^2/NDF: 497.2/2

Left Out: -2.499+/-0.053 χ^2/NDF:55930.9/24

Right Out: 26.054+/-0.366 χ^2/NDF: 980.6/3

Left In: -2.876+/-0.055 χ^2/NDF:46380.9/22

Left: -2.681+/-0.038 χ^2/NDF: 102336.4/47

Right: 23.032+/-0.307 χ^2/NDF: 1707.8/6

In: -2.703+/-0.054 χ^2/NDF:47965.8/25

Out: -1.914+/-0.052 χ^2/NDF:62865.4/28

All: -2.294+/-0.038 χ^2/NDF: 110940.2/54

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -42.060+/-0.077 χ^2/NDF: 7110.1/19

Left Out: -34.594+/-0.042 χ^2/NDF:34404.6/24

Right Out: -40.088+/-0.072 χ^2/NDF: 11747.0/22

Left In: -34.099+/-0.044 χ^2/NDF:29370.6/22

Left: -34.358+/-0.030 χ^2/NDF: 63841.7/47

Right: -41.005+/-0.053 χ^2/NDF: 19205.6/42

In: -36.038+/-0.038 χ^2/NDF:44508.5/42

Out: -35.986+/-0.036 χ^2/NDF:50496.6/47

All: -36.011+/-0.026 χ^2/NDF: 95006.1/90

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -48.417+/-0.120 χ^2/NDF: 15517.2/19

Left Out: -26.920+/-0.053 χ^2/NDF:49198.9/24

Right Out: -48.427+/-0.101 χ^2/NDF: 12645.1/22

Left In: -26.733+/-0.055 χ^2/NDF:42643.0/22

Left: -26.829+/-0.038 χ^2/NDF: 91847.9/47

Right: -48.423+/-0.077 χ^2/NDF: 28162.3/42

In: -30.446+/-0.050 χ^2/NDF:85042.7/42

Out: -31.610+/-0.047 χ^2/NDF:97305.9/47

All: -31.060+/-0.034 χ^2/NDF: 182636.6/90

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 43.619+/-0.086 χ^2/NDF: 11325.3/19

Left Out: 37.435+/-0.047 χ^2/NDF:21517.4/24

Right Out: 40.481+/-0.080 χ^2/NDF: 17997.5/22

Left In: 37.164+/-0.049 χ^2/NDF:17427.3/22

Left: 37.305+/-0.034 χ^2/NDF: 38960.5/47

Right: 41.926+/-0.059 χ^2/NDF: 30037.2/42

In: 38.745+/-0.043 χ^2/NDF:32982.0/42

Out: 38.229+/-0.041 χ^2/NDF:40594.7/47

All: 38.475+/-0.029 χ^2/NDF: 73653.1/90

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.184+/-0.005 χ^2/NDF: 7590.9/19

Left Out: 0.204+/-0.002 χ^2/NDF:3801.8/24

Right Out: -0.213+/-0.004 χ^2/NDF: 8003.0/22

Left In: 0.208+/-0.002 χ^2/NDF:5095.2/22

Left: 0.206+/-0.002 χ^2/NDF: 8898.7/47

Right: -0.200+/-0.003 χ^2/NDF: 15614.4/42

In: 0.138+/-0.002 χ^2/NDF:18201.1/42

Out: 0.117+/-0.002 χ^2/NDF:19427.0/47

All: 0.127+/-0.001 χ^2/NDF: 37681.5/90

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -54.276+/-1.364 χ^2/NDF: 40.5/2

Left Out: -72.115+/-0.383 χ^2/NDF:1125.2/23

Right Out: -54.897+/-0.844 χ^2/NDF: 286.8/3

Left In: -71.713+/-0.380 χ^2/NDF:884.6/22

Left: -71.913+/-0.270 χ^2/NDF: 2010.3/46

Right: -54.725+/-0.718 χ^2/NDF: 327.5/6

In: -70.455+/-0.366 χ^2/NDF:1076.8/25

Out: -69.179+/-0.349 χ^2/NDF:1757.0/27

All: -69.785+/-0.253 χ^2/NDF: 2840.2/53

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.089+/-0.419 χ^2/NDF: 449.5/18

Left Out: 3.353+/-0.295 χ^2/NDF:167.8/23

Right Out: 8.279+/-0.416 χ^2/NDF: 364.0/21

Left In: 3.360+/-0.298 χ^2/NDF:164.5/22

Left: 3.356+/-0.209 χ^2/NDF: 332.3/46

Right: 7.689+/-0.295 χ^2/NDF: 817.5/40

In: 4.609+/-0.243 χ^2/NDF:666.7/41

Out: 4.998+/-0.240 χ^2/NDF:625.2/45

All: 4.806+/-0.171 χ^2/NDF: 1293.1/87

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 36.660+/-0.677 χ^2/NDF: 3674.8/18

Left Out: 13.610+/-0.382 χ^2/NDF:1303.3/23

Right Out: 22.564+/-0.539 χ^2/NDF: 6494.3/21

Left In: 13.262+/-0.379 χ^2/NDF:1077.0/22

Left: 13.434+/-0.269 χ^2/NDF: 2380.7/46

Right: 28.035+/-0.422 χ^2/NDF: 10434.5/40

In: 18.836+/-0.330 χ^2/NDF:5662.0/41

Out: 16.600+/-0.312 χ^2/NDF:7981.4/45

All: 17.652+/-0.227 χ^2/NDF: 13667.6/87

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 9.638+/-0.489 χ^2/NDF: 555.6/18

Left Out: 17.285+/-0.337 χ^2/NDF:244.0/23

Right Out: 8.062+/-0.491 χ^2/NDF: 586.9/21

Left In: 17.224+/-0.339 χ^2/NDF:442.2/22

Left: 17.255+/-0.239 χ^2/NDF: 686.2/46

Right: 8.853+/-0.347 χ^2/NDF: 1147.6/40

In: 14.769+/-0.278 χ^2/NDF:1160.3/41

Out: 14.335+/-0.278 χ^2/NDF:1070.5/45

All: 14.552+/-0.197 χ^2/NDF: 2232.0/87

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -39.494+/-0.029 χ^2/NDF: 27677.7/18

Left Out: -40.002+/-0.016 χ^2/NDF:172150.1/23

Right Out: -40.656+/-0.028 χ^2/NDF: 100496.3/21

Left In: -39.813+/-0.016 χ^2/NDF:145790.5/22

Left: -39.906+/-0.011 χ^2/NDF: 318013.1/46

Right: -40.092+/-0.020 χ^2/NDF: 128991.3/40

In: -39.742+/-0.014 χ^2/NDF:173561.4/41

Out: -40.156+/-0.014 χ^2/NDF:273054.3/45

All: -39.949+/-0.010 χ^2/NDF: 447068.9/87

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -126.166+/-1.831 χ^2/NDF: 409.7/2

Left Out: -51.622+/-0.383 χ^2/NDF:4133.0/24

Right Out: -129.699+/-1.064 χ^2/NDF: 866.5/2

Left In: -52.409+/-0.387 χ^2/NDF:3378.7/22

Left: -52.012+/-0.272 χ^2/NDF: 7513.8/47

Right: -128.807+/-0.920 χ^2/NDF: 1279.0/5

In: -55.565+/-0.379 χ^2/NDF:5341.2/25

Out: -60.595+/-0.361 χ^2/NDF:9763.7/27

All: -58.203+/-0.261 χ^2/NDF: 15197.3/53

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 5.848+/-0.600 χ^2/NDF: 340.2/19

Left Out: -1.300+/-0.293 χ^2/NDF:1315.7/24

Right Out: 7.779+/-0.590 χ^2/NDF: 276.5/21

Left In: -1.608+/-0.299 χ^2/NDF:1097.4/22

Left: -1.450+/-0.209 χ^2/NDF: 2413.6/47

Right: 6.831+/-0.421 χ^2/NDF: 621.9/41

In: -0.122+/-0.268 χ^2/NDF:1561.0/42

Out: 0.493+/-0.262 χ^2/NDF:1782.5/46

All: 0.192+/-0.187 χ^2/NDF: 3346.2/89

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 166.630+/-0.915 χ^2/NDF: 3123.2/19

Left Out: 110.012+/-0.383 χ^2/NDF:4537.0/24

Right Out: 179.637+/-0.693 χ^2/NDF: 3105.4/21

Left In: 110.482+/-0.385 χ^2/NDF:3824.9/22

Left: 110.246+/-0.271 χ^2/NDF: 8362.7/47

Right: 174.898+/-0.553 χ^2/NDF: 6356.9/41

In: 118.911+/-0.355 χ^2/NDF:10146.0/42

Out: 126.287+/-0.335 χ^2/NDF:15376.4/46

All: 122.808+/-0.244 χ^2/NDF: 25751.0/89

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.298+/-0.698 χ^2/NDF: 408.2/19

Left Out: 19.434+/-0.336 χ^2/NDF:1452.3/24

Right Out: 7.739+/-0.703 χ^2/NDF: 443.9/21

Left In: 19.472+/-0.342 χ^2/NDF:1188.2/22

Left: 19.453+/-0.239 χ^2/NDF: 2640.5/47

Right: 9.029+/-0.495 χ^2/NDF: 858.8/41

In: 17.699+/-0.307 χ^2/NDF:1735.8/42

Out: 17.266+/-0.303 χ^2/NDF:2121.4/46

All: 17.480+/-0.216 χ^2/NDF: 3858.2/89

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -41.703+/-0.037 χ^2/NDF: 16362.7/19

Left Out: -39.484+/-0.016 χ^2/NDF:88877.3/24

Right Out: -42.101+/-0.037 χ^2/NDF: 22244.8/21

Left In: -38.905+/-0.016 χ^2/NDF:54282.7/22

Left: -39.195+/-0.011 χ^2/NDF: 143834.7/47

Right: -41.904+/-0.026 χ^2/NDF: 38665.5/41

In: -39.333+/-0.015 χ^2/NDF:75441.7/42

Out: -39.891+/-0.014 χ^2/NDF:115398.8/46

All: -39.613+/-0.010 χ^2/NDF: 191579.0/89

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 6.273+/-2.982 χ^2/NDF: 0.1/2

Left Out: -0.089+/-0.022 χ^2/NDF:40.0/23

Right Out: 1.792+/-1.944 χ^2/NDF: 22.7/3

Left In: -0.026+/-0.022 χ^2/NDF:32.3/22

Left: -0.057+/-0.016 χ^2/NDF: 76.4/46

Right: 3.129+/-1.629 χ^2/NDF: 24.3/6

In: -0.025+/-0.022 χ^2/NDF:36.8/25

Out: -0.089+/-0.022 χ^2/NDF:63.6/27

All: -0.057+/-0.016 χ^2/NDF: 104.6/53

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.002+/-0.028 χ^2/NDF: 14.4/18

Left Out: -0.081+/-0.017 χ^2/NDF:25.8/23

Right Out: -0.051+/-0.029 χ^2/NDF: 27.7/21

Left In: -0.055+/-0.018 χ^2/NDF:32.2/22

Left: -0.068+/-0.012 χ^2/NDF: 59.1/46

Right: -0.024+/-0.020 χ^2/NDF: 43.8/40

In: -0.039+/-0.015 χ^2/NDF:49.5/41

Out: -0.073+/-0.015 χ^2/NDF:54.3/45

All: -0.056+/-0.011 χ^2/NDF: 106.4/87

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.168+/-0.052 χ^2/NDF: 19.1/18

Left Out: 0.082+/-0.022 χ^2/NDF:38.7/23

Right Out: 0.237+/-0.054 χ^2/NDF: 48.0/21

Left In: 0.020+/-0.022 χ^2/NDF:34.5/22

Left: 0.051+/-0.016 χ^2/NDF: 77.1/46

Right: 0.201+/-0.038 χ^2/NDF: 68.0/40

In: 0.043+/-0.020 χ^2/NDF:60.4/41

Out: 0.104+/-0.020 χ^2/NDF:93.8/45

All: 0.073+/-0.014 χ^2/NDF: 158.8/87

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.011+/-0.033 χ^2/NDF: 16.0/18

Left Out: 0.105+/-0.020 χ^2/NDF:29.5/23

Right Out: 0.059+/-0.034 χ^2/NDF: 21.9/21

Left In: 0.072+/-0.020 χ^2/NDF:31.7/22

Left: 0.089+/-0.014 χ^2/NDF: 62.6/46

Right: 0.022+/-0.023 χ^2/NDF: 40.1/40

In: 0.050+/-0.017 χ^2/NDF:52.5/41

Out: 0.093+/-0.017 χ^2/NDF:52.8/45

All: 0.071+/-0.012 χ^2/NDF: 108.6/87

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.012+/-0.002 χ^2/NDF: 17.6/18

Left Out: -0.008+/-0.001 χ^2/NDF:30.7/23

Right Out: -0.012+/-0.002 χ^2/NDF: 11936.4/21

Left In: -0.009+/-0.001 χ^2/NDF:42.1/22

Left: -0.008+/-0.001 χ^2/NDF: 73.1/46

Right: -0.012+/-0.001 χ^2/NDF: 11954.0/40

In: -0.009+/-0.001 χ^2/NDF:61.9/41

Out: -0.009+/-0.001 χ^2/NDF:11971.2/45

All: -0.009+/-0.001 χ^2/NDF: 12033.4/87

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 39.972+/-34.935 χ^2/NDF: 11.8/2

Left Out: 0.013+/-0.027 χ^2/NDF:29.2/24

Right Out: 122.737+/-17.074 χ^2/NDF: 1.4/2

Left In: 0.004+/-0.028 χ^2/NDF:28.2/22

Left: 0.009+/-0.019 χ^2/NDF: 57.4/47

Right: 106.780+/-15.340 χ^2/NDF: 17.8/5

In: 0.004+/-0.028 χ^2/NDF:41.3/25

Out: 0.014+/-0.027 χ^2/NDF:82.2/27

All: 0.009+/-0.019 χ^2/NDF: 123.6/53

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.024+/-0.037 χ^2/NDF: 34.5/19

Left Out: -0.058+/-0.021 χ^2/NDF:25.4/24

Right Out: -0.128+/-0.039 χ^2/NDF: 18.0/21

Left In: -0.072+/-0.022 χ^2/NDF:48.7/22

Left: -0.064+/-0.015 χ^2/NDF: 74.4/47

Right: -0.072+/-0.027 χ^2/NDF: 56.3/41

In: -0.059+/-0.019 χ^2/NDF:84.5/42

Out: -0.073+/-0.019 χ^2/NDF:45.9/46

All: -0.066+/-0.013 χ^2/NDF: 130.7/89

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -0.130+/-0.067 χ^2/NDF: 36.5/19

Left Out: -0.015+/-0.027 χ^2/NDF:27.0/24

Right Out: -0.174+/-0.071 χ^2/NDF: 76.7/21

Left In: -0.035+/-0.027 χ^2/NDF:27.7/22

Left: -0.025+/-0.019 χ^2/NDF: 55.0/47

Right: -0.151+/-0.049 χ^2/NDF: 113.4/41

In: -0.048+/-0.025 χ^2/NDF:65.9/42

Out: -0.035+/-0.025 χ^2/NDF:108.1/46

All: -0.042+/-0.018 χ^2/NDF: 174.2/89

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.021+/-0.042 χ^2/NDF: 33.6/19

Left Out: 0.062+/-0.024 χ^2/NDF:25.0/24

Right Out: 0.152+/-0.045 χ^2/NDF: 16.4/21

Left In: 0.069+/-0.025 χ^2/NDF:51.4/22

Left: 0.065+/-0.017 χ^2/NDF: 76.5/47

Right: 0.082+/-0.031 χ^2/NDF: 54.5/41

In: 0.057+/-0.021 χ^2/NDF:86.1/42

Out: 0.081+/-0.021 χ^2/NDF:44.5/46

All: 0.069+/-0.015 χ^2/NDF: 131.2/89

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.001+/-0.002 χ^2/NDF: 47.8/19

Left Out: 0.008+/-0.001 χ^2/NDF:25.9/24

Right Out: 0.001+/-0.002 χ^2/NDF: 10466.9/21

Left In: 0.009+/-0.001 χ^2/NDF:15.8/22

Left: 0.009+/-0.001 χ^2/NDF: 42.0/47

Right: 0.001+/-0.002 χ^2/NDF: 10514.7/41

In: 0.008+/-0.001 χ^2/NDF:73.7/42

Out: 0.007+/-0.001 χ^2/NDF:10501.1/46

All: 0.007+/-0.001 χ^2/NDF: 10575.0/89

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -90.362+/-1.086 χ^2/NDF: 419.6/2

Left Out: -61.756+/-0.334 χ^2/NDF:2509.2/23

Right Out: -95.587+/-0.680 χ^2/NDF: 1055.2/2

Left In: -62.290+/-0.331 χ^2/NDF:2265.0/22

Left: -62.025+/-0.235 χ^2/NDF: 4775.5/46

Right: -94.116+/-0.576 χ^2/NDF: 1491.4/5

In: -64.678+/-0.317 χ^2/NDF:3295.8/25

Out: -68.331+/-0.300 χ^2/NDF:5560.5/26

All: -66.606+/-0.218 χ^2/NDF: 8926.5/52

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 6.243+/-0.405 χ^2/NDF: 502.8/18

Left Out: 1.197+/-0.252 χ^2/NDF:526.1/23

Right Out: 7.768+/-0.405 χ^2/NDF: 419.0/20

Left In: 1.171+/-0.255 χ^2/NDF:466.2/22

Left: 1.184+/-0.179 χ^2/NDF: 992.3/46

Right: 7.006+/-0.286 χ^2/NDF: 928.9/39

In: 2.610+/-0.216 χ^2/NDF:1081.6/41

Out: 3.038+/-0.214 χ^2/NDF:1134.9/44

All: 2.826+/-0.152 χ^2/NDF: 2218.5/86

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 97.437+/-0.603 χ^2/NDF: 3536.5/18

Left Out: 61.496+/-0.332 χ^2/NDF:2610.2/23

Right Out: 99.284+/-0.459 χ^2/NDF: 4068.8/20

Left In: 61.995+/-0.329 χ^2/NDF:2517.6/22

Left: 61.748+/-0.234 χ^2/NDF: 5129.0/46

Right: 98.606+/-0.365 χ^2/NDF: 7611.2/39

In: 70.121+/-0.289 χ^2/NDF:8715.8/41

Out: 74.482+/-0.269 χ^2/NDF:11123.5/44

All: 72.454+/-0.197 χ^2/NDF: 19961.3/86

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.145+/-0.477 χ^2/NDF: 597.2/18

Left Out: 17.979+/-0.291 χ^2/NDF:674.8/23

Right Out: 8.415+/-0.488 χ^2/NDF: 728.3/20

Left In: 17.881+/-0.292 χ^2/NDF:730.9/22

Left: 17.930+/-0.206 χ^2/NDF: 1405.8/46

Right: 9.299+/-0.341 χ^2/NDF: 1331.9/39

In: 15.778+/-0.249 χ^2/NDF:1519.4/41

Out: 15.473+/-0.250 χ^2/NDF:1686.6/44

All: 15.626+/-0.176 χ^2/NDF: 3206.7/86

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -40.341+/-0.027 χ^2/NDF: 26967.3/18

Left Out: -39.567+/-0.014 χ^2/NDF:141152.0/23

Right Out: -41.946+/-0.027 χ^2/NDF: 65617.3/20

Left In: -39.368+/-0.014 χ^2/NDF:117958.1/22

Left: -39.466+/-0.010 χ^2/NDF: 259216.7/46

Right: -41.145+/-0.019 χ^2/NDF: 94399.5/39

In: -39.568+/-0.012 χ^2/NDF:145984.7/41

Out: -40.067+/-0.012 χ^2/NDF:213079.7/44

All: -39.815+/-0.009 χ^2/NDF: 359911.5/86

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 30.210+/-1.248 χ^2/NDF: 198.0/2

Left Out: -11.837+/-0.187 χ^2/NDF:2742.4/23

Right Out: 35.378+/-0.727 χ^2/NDF: 232.1/2

Left In: -11.014+/-0.187 χ^2/NDF:2116.6/22

Left: -11.426+/-0.132 χ^2/NDF: 4868.7/46

Right: 34.070+/-0.628 χ^2/NDF: 442.9/5

In: -10.107+/-0.185 χ^2/NDF:3382.1/25

Out: -8.910+/-0.181 χ^2/NDF:6935.5/26

All: -9.495+/-0.129 χ^2/NDF: 10339.0/52

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.651+/-0.331 χ^2/NDF: 64.0/18

Left Out: 3.042+/-0.148 χ^2/NDF:1452.6/23

Right Out: 0.461+/-0.332 χ^2/NDF: 57.9/20

Left In: 3.172+/-0.150 χ^2/NDF:1297.9/22

Left: 3.106+/-0.105 χ^2/NDF: 2750.9/46

Right: 0.556+/-0.234 χ^2/NDF: 122.1/39

In: 2.744+/-0.136 χ^2/NDF:1410.2/41

Out: 2.615+/-0.135 χ^2/NDF:1561.0/44

All: 2.679+/-0.096 χ^2/NDF: 2971.7/86

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -62.723+/-0.528 χ^2/NDF: 1633.6/18

Left Out: -46.398+/-0.187 χ^2/NDF:3289.4/23

Right Out: -75.393+/-0.426 χ^2/NDF: 3151.8/20

Left In: -47.170+/-0.186 χ^2/NDF:2526.3/22

Left: -46.784+/-0.132 χ^2/NDF: 5824.3/46

Right: -70.405+/-0.332 χ^2/NDF: 5134.0/39

In: -48.892+/-0.176 χ^2/NDF:4930.1/41

Out: -51.066+/-0.171 χ^2/NDF:10331.0/44

All: -50.010+/-0.123 χ^2/NDF: 15339.8/86

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.371+/-0.378 χ^2/NDF: 95.2/18

Left Out: -1.668+/-0.167 χ^2/NDF:1479.3/23

Right Out: 0.503+/-0.385 χ^2/NDF: 100.8/20

Left In: -1.746+/-0.168 χ^2/NDF:1254.1/22

Left: -1.707+/-0.119 χ^2/NDF: 2733.5/46

Right: 0.058+/-0.270 χ^2/NDF: 198.6/39

In: -1.518+/-0.154 χ^2/NDF:1360.3/41

Out: -1.325+/-0.153 χ^2/NDF:1606.9/44

All: -1.421+/-0.109 χ^2/NDF: 2968.0/86

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.376+/-0.021 χ^2/NDF: 9293.9/18

Left Out: -0.703+/-0.008 χ^2/NDF:53770.3/23

Right Out: -0.946+/-0.021 χ^2/NDF: 92250.9/20

Left In: -0.651+/-0.008 χ^2/NDF:44167.1/22

Left: -0.677+/-0.005 χ^2/NDF: 97959.9/46

Right: -0.282+/-0.015 χ^2/NDF: 103539.5/39

In: -0.530+/-0.007 χ^2/NDF:55595.7/41

Out: -0.731+/-0.007 χ^2/NDF:146140.4/44

All: -0.631+/-0.005 χ^2/NDF: 202127.9/86

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 45.416+/-23.293 χ^2/NDF: 8.6/2

Left Out: -0.038+/-0.018 χ^2/NDF:35.6/23

Right Out: 37.396+/-10.447 χ^2/NDF: 3.2/2

Left In: -0.009+/-0.018 χ^2/NDF:35.3/22

Left: -0.024+/-0.013 χ^2/NDF: 72.1/46

Right: 38.739+/-9.532 χ^2/NDF: 11.9/5

In: -0.009+/-0.018 χ^2/NDF:47.6/25

Out: -0.038+/-0.018 χ^2/NDF:51.7/26

All: -0.024+/-0.013 χ^2/NDF: 100.6/52

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.013+/-0.023 χ^2/NDF: 16.6/18

Left Out: -0.073+/-0.014 χ^2/NDF:27.8/23

Right Out: -0.092+/-0.025 χ^2/NDF: 12.9/20

Left In: -0.065+/-0.014 χ^2/NDF:40.4/22

Left: -0.069+/-0.010 χ^2/NDF: 68.3/46

Right: -0.050+/-0.017 χ^2/NDF: 34.9/39

In: -0.051+/-0.012 χ^2/NDF:60.7/41

Out: -0.078+/-0.012 χ^2/NDF:41.1/44

All: -0.064+/-0.009 χ^2/NDF: 104.2/86

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.017+/-0.043 χ^2/NDF: 22.2/18

Left Out: 0.036+/-0.018 χ^2/NDF:32.4/23

Right Out: 0.029+/-0.045 χ^2/NDF: 27.8/20

Left In: -0.010+/-0.018 χ^2/NDF:37.1/22

Left: 0.013+/-0.013 χ^2/NDF: 72.8/46

Right: 0.023+/-0.031 χ^2/NDF: 50.0/39

In: -0.006+/-0.017 χ^2/NDF:59.7/41

Out: 0.035+/-0.017 χ^2/NDF:60.2/44

All: 0.014+/-0.012 χ^2/NDF: 122.9/86

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 0.007+/-0.027 χ^2/NDF: 17.4/18

Left Out: 0.086+/-0.016 χ^2/NDF:27.8/23

Right Out: 0.110+/-0.029 χ^2/NDF: 8.0/20

Left In: 0.071+/-0.016 χ^2/NDF:44.0/22

Left: 0.079+/-0.011 χ^2/NDF: 72.1/46

Right: 0.055+/-0.020 χ^2/NDF: 32.3/39

In: 0.054+/-0.014 χ^2/NDF:65.6/41

Out: 0.092+/-0.014 χ^2/NDF:36.3/44

All: 0.073+/-0.010 χ^2/NDF: 105.5/86

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.005+/-0.001 χ^2/NDF: 29.9/18

Left Out: 0.000+/-0.001 χ^2/NDF:23.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 26513.9/20

Left In: 0.000+/-0.001 χ^2/NDF:22.4/22

Left: 0.000+/-0.001 χ^2/NDF: 46.3/46

Right: -0.006+/-0.001 χ^2/NDF: 26543.8/39

In: -0.001+/-0.001 χ^2/NDF:64.4/41

Out: -0.001+/-0.001 χ^2/NDF:26552.6/44

All: -0.001+/-0.000 χ^2/NDF: 26617.0/86

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -22.757+/-23.268 χ^2/NDF: 11.8/2

Left Out: -0.052+/-0.018 χ^2/NDF:37.3/23

Right Out: -86.935+/-10.450 χ^2/NDF: 3.9/2

Left In: -0.010+/-0.018 χ^2/NDF:33.3/22

Left: -0.031+/-0.013 χ^2/NDF: 73.3/46

Right: -76.163+/-9.533 χ^2/NDF: 22.1/5

In: -0.010+/-0.018 χ^2/NDF:46.0/25

Out: -0.052+/-0.018 χ^2/NDF:110.4/26

All: -0.031+/-0.013 χ^2/NDF: 159.2/52

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.010+/-0.023 χ^2/NDF: 32.7/18

Left Out: -0.010+/-0.014 χ^2/NDF:29.5/23

Right Out: 0.040+/-0.025 χ^2/NDF: 30.2/20

Left In: 0.004+/-0.014 χ^2/NDF:50.3/22

Left: -0.003+/-0.010 χ^2/NDF: 80.2/46

Right: 0.024+/-0.017 χ^2/NDF: 63.7/39

In: 0.006+/-0.012 χ^2/NDF:83.1/41

Out: 0.002+/-0.012 χ^2/NDF:62.8/44

All: 0.004+/-0.009 χ^2/NDF: 145.9/86

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 0.152+/-0.043 χ^2/NDF: 40.7/18

Left Out: 0.048+/-0.018 χ^2/NDF:35.4/23

Right Out: 0.203+/-0.045 χ^2/NDF: 106.4/20

Left In: 0.021+/-0.018 χ^2/NDF:34.0/22

Left: 0.034+/-0.013 χ^2/NDF: 70.5/46

Right: 0.176+/-0.031 χ^2/NDF: 147.8/39

In: 0.041+/-0.017 χ^2/NDF:82.7/41

Out: 0.069+/-0.017 χ^2/NDF:152.0/44

All: 0.055+/-0.012 χ^2/NDF: 236.1/86

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.014+/-0.027 χ^2/NDF: 32.3/18

Left Out: 0.021+/-0.016 χ^2/NDF:33.2/23

Right Out: -0.050+/-0.029 χ^2/NDF: 27.8/20

Left In: 0.007+/-0.016 χ^2/NDF:50.7/22

Left: 0.014+/-0.011 χ^2/NDF: 84.2/46

Right: -0.031+/-0.020 χ^2/NDF: 60.9/39

In: 0.002+/-0.014 χ^2/NDF:83.4/41

Out: 0.004+/-0.014 χ^2/NDF:65.6/44

All: 0.003+/-0.010 χ^2/NDF: 149.0/86

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.006+/-0.001 χ^2/NDF: 42.3/18

Left Out: -0.008+/-0.001 χ^2/NDF:31.9/23

Right Out: -0.006+/-0.001 χ^2/NDF: 209.6/20

Left In: -0.009+/-0.001 χ^2/NDF:39.2/22

Left: -0.008+/-0.001 χ^2/NDF: 71.4/46

Right: -0.006+/-0.001 χ^2/NDF: 251.9/39

In: -0.008+/-0.001 χ^2/NDF:84.4/41

Out: -0.008+/-0.001 χ^2/NDF:243.3/44

All: -0.008+/-0.000 χ^2/NDF: 327.9/86

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -29.593+/-1.851 χ^2/NDF: 0.3/2

Left Out: -36.110+/-0.192 χ^2/NDF:1118.4/23

Right Out: -33.413+/-1.164 χ^2/NDF: 12.0/3

Left In: -35.869+/-0.191 χ^2/NDF:887.1/22

Left: -35.989+/-0.135 χ^2/NDF: 2006.3/46

Right: -32.331+/-0.985 χ^2/NDF: 15.4/6

In: -35.803+/-0.190 χ^2/NDF:898.8/25

Out: -36.039+/-0.189 χ^2/NDF:1135.6/27

All: -35.921+/-0.134 χ^2/NDF: 2035.2/53

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.555+/-0.217 χ^2/NDF: 449.0/18

Left Out: 1.632+/-0.148 χ^2/NDF:166.7/23

Right Out: 4.305+/-0.224 χ^2/NDF: 360.8/21

Left In: 1.646+/-0.149 χ^2/NDF:164.1/22

Left: 1.639+/-0.105 χ^2/NDF: 330.7/46

Right: 3.918+/-0.156 χ^2/NDF: 815.6/40

In: 2.259+/-0.123 χ^2/NDF:665.7/41

Out: 2.444+/-0.123 χ^2/NDF:626.8/45

All: 2.351+/-0.087 χ^2/NDF: 1293.7/87

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 27.392+/-0.402 χ^2/NDF: 1874.5/18

Left Out: 6.855+/-0.191 χ^2/NDF:1298.7/23

Right Out: 27.618+/-0.386 χ^2/NDF: 2569.8/21

Left In: 6.639+/-0.190 χ^2/NDF:1077.2/22

Left: 6.746+/-0.135 χ^2/NDF: 2376.6/46

Right: 27.510+/-0.278 χ^2/NDF: 4444.5/40

In: 10.421+/-0.172 χ^2/NDF:5131.4/41

Out: 10.957+/-0.171 χ^2/NDF:6194.1/45

All: 10.689+/-0.121 χ^2/NDF: 11330.4/87

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 4.767+/-0.251 χ^2/NDF: 556.1/18

Left Out: 8.697+/-0.169 χ^2/NDF:241.1/23

Right Out: 3.870+/-0.258 χ^2/NDF: 575.1/21

Left In: 8.659+/-0.170 χ^2/NDF:438.0/22

Left: 8.678+/-0.120 χ^2/NDF: 679.2/46

Right: 4.331+/-0.180 χ^2/NDF: 1137.5/40

In: 7.437+/-0.141 χ^2/NDF:1159.3/41

Out: 7.246+/-0.141 χ^2/NDF:1061.6/45

All: 7.342+/-0.100 χ^2/NDF: 2221.9/87

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -19.888+/-0.016 χ^2/NDF: 26121.3/18

Left Out: -20.007+/-0.008 χ^2/NDF:171647.2/23

Right Out: -20.913+/-0.016 χ^2/NDF: 94294.1/21

Left In: -19.912+/-0.008 χ^2/NDF:145487.3/22

Left: -19.959+/-0.006 χ^2/NDF: 317207.1/46

Right: -20.398+/-0.011 χ^2/NDF: 122581.6/40

In: -19.907+/-0.007 χ^2/NDF:171610.6/41

Out: -20.191+/-0.007 χ^2/NDF:268624.8/45

All: -20.048+/-0.005 χ^2/NDF: 441055.5/87

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -35.709+/-1.857 χ^2/NDF: 0.6/2

Left Out: -36.019+/-0.192 χ^2/NDF:1125.4/23

Right Out: -34.778+/-1.167 χ^2/NDF: 36.9/3

Left In: -35.856+/-0.191 χ^2/NDF:875.9/22

Left: -35.937+/-0.135 χ^2/NDF: 2001.6/46

Right: -35.042+/-0.988 χ^2/NDF: 37.6/6

In: -35.854+/-0.190 χ^2/NDF:876.4/25

Out: -35.986+/-0.189 χ^2/NDF:1163.4/27

All: -35.920+/-0.134 χ^2/NDF: 2040.0/53

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.524+/-0.217 χ^2/NDF: 443.7/18

Left Out: 1.721+/-0.148 χ^2/NDF:168.3/23

Right Out: 4.277+/-0.220 χ^2/NDF: 354.9/21

Left In: 1.712+/-0.149 χ^2/NDF:164.1/22

Left: 1.717+/-0.105 χ^2/NDF: 332.4/46

Right: 3.895+/-0.154 χ^2/NDF: 804.5/40

In: 2.295+/-0.123 χ^2/NDF:655.3/41

Out: 2.515+/-0.123 χ^2/NDF:616.2/45

All: 2.405+/-0.087 χ^2/NDF: 1273.1/87

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 27.624+/-0.402 χ^2/NDF: 1742.9/18

Left Out: 6.767+/-0.191 χ^2/NDF:1301.2/23

Right Out: 25.654+/-0.370 χ^2/NDF: 2835.1/21

Left In: 6.635+/-0.190 χ^2/NDF:1070.4/22

Left: 6.700+/-0.135 χ^2/NDF: 2371.9/46

Right: 26.558+/-0.272 χ^2/NDF: 4591.0/40

In: 10.458+/-0.172 χ^2/NDF:5044.6/41

Out: 10.747+/-0.170 χ^2/NDF:6191.0/45

All: 10.604+/-0.121 χ^2/NDF: 11237.1/87

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 4.806+/-0.251 χ^2/NDF: 550.9/18

Left Out: 8.588+/-0.169 χ^2/NDF:245.6/23

Right Out: 3.630+/-0.253 χ^2/NDF: 576.8/21

Left In: 8.573+/-0.170 χ^2/NDF:443.4/22

Left: 8.581+/-0.120 χ^2/NDF: 689.0/46

Right: 4.224+/-0.178 χ^2/NDF: 1138.5/40

In: 7.390+/-0.140 χ^2/NDF:1149.2/41

Out: 7.064+/-0.141 χ^2/NDF:1087.6/45

All: 7.227+/-0.099 χ^2/NDF: 2239.5/87

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -19.880+/-0.016 χ^2/NDF: 26081.9/18

Left Out: -19.999+/-0.008 χ^2/NDF:171834.0/23

Right Out: -18.402+/-0.015 χ^2/NDF: 301384.4/21

Left In: -19.905+/-0.008 χ^2/NDF:145346.7/22

Left: -19.951+/-0.006 χ^2/NDF: 317253.3/46

Right: -19.098+/-0.011 χ^2/NDF: 332256.8/40

In: -19.900+/-0.007 χ^2/NDF:171430.7/41

Out: -19.640+/-0.007 χ^2/NDF:482425.9/45

All: -19.769+/-0.005 χ^2/NDF: 654549.3/87

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -32.695+/-17.515 χ^2/NDF: 10.1/2

Left Out: -25.804+/-0.192 χ^2/NDF:4127.8/24

Right Out: 4.735+/-8.567 χ^2/NDF: 2.2/2

Left In: -26.204+/-0.194 χ^2/NDF:3377.8/22

Left: -26.002+/-0.137 χ^2/NDF: 7507.7/47

Right: -2.491+/-7.696 χ^2/NDF: 16.1/5

In: -26.204+/-0.194 χ^2/NDF:3388.1/25

Out: -25.789+/-0.192 χ^2/NDF:4142.7/27

All: -25.995+/-0.137 χ^2/NDF: 7533.1/53

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 2.460+/-0.311 χ^2/NDF: 308.6/19

Left Out: -0.681+/-0.147 χ^2/NDF:1314.3/24

Right Out: 3.723+/-0.327 χ^2/NDF: 269.5/21

Left In: -0.842+/-0.150 χ^2/NDF:1071.6/22

Left: -0.760+/-0.105 χ^2/NDF: 2386.5/47

Right: 3.060+/-0.225 χ^2/NDF: 586.0/41

In: -0.218+/-0.135 χ^2/NDF:1471.7/42

Out: 0.058+/-0.134 χ^2/NDF:1735.0/46

All: -0.079+/-0.095 χ^2/NDF: 3208.9/89

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 76.555+/-0.573 χ^2/NDF: 2264.0/19

Left Out: 55.000+/-0.192 χ^2/NDF:4524.8/24

Right Out: 81.556+/-0.590 χ^2/NDF: 1626.5/21

Left In: 55.225+/-0.193 χ^2/NDF:3825.0/22

Left: 55.112+/-0.136 χ^2/NDF: 8350.5/47

Right: 78.983+/-0.411 χ^2/NDF: 3927.5/41

In: 57.395+/-0.183 χ^2/NDF:7334.3/42

Out: 57.541+/-0.182 χ^2/NDF:7985.0/46

All: 57.468+/-0.129 χ^2/NDF: 15319.7/89

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 5.428+/-0.357 χ^2/NDF: 400.0/19

Left Out: 9.750+/-0.168 χ^2/NDF:1449.2/24

Right Out: 3.588+/-0.375 χ^2/NDF: 423.4/21

Left In: 9.775+/-0.171 χ^2/NDF:1165.6/22

Left: 9.762+/-0.120 χ^2/NDF: 2614.7/47

Right: 4.553+/-0.259 χ^2/NDF: 836.0/41

In: 8.963+/-0.154 χ^2/NDF:1685.9/42

Out: 8.719+/-0.153 χ^2/NDF:2097.2/46

All: 8.840+/-0.109 χ^2/NDF: 3784.4/89

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -20.631+/-0.019 χ^2/NDF: 12506.8/19

Left Out: -19.738+/-0.008 χ^2/NDF:88495.2/24

Right Out: -20.649+/-0.019 χ^2/NDF: 13902.5/21

Left In: -19.448+/-0.008 χ^2/NDF:54039.2/22

Left: -19.593+/-0.006 χ^2/NDF: 143208.7/47

Right: -20.640+/-0.014 χ^2/NDF: 26409.7/41

In: -19.619+/-0.007 χ^2/NDF:69768.4/42

Out: -19.868+/-0.007 χ^2/NDF:104282.8/46

All: -19.743+/-0.005 χ^2/NDF: 174628.9/89

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -72.882+/-17.530 χ^2/NDF: 15.2/2

Left Out: -25.814+/-0.192 χ^2/NDF:4094.6/24

Right Out: -118.038+/-8.573 χ^2/NDF: 4.3/2

Left In: -26.200+/-0.194 χ^2/NDF:3344.6/22

Left: -26.005+/-0.137 χ^2/NDF: 7441.2/47

Right: -109.323+/-7.701 χ^2/NDF: 24.9/5

In: -26.206+/-0.194 χ^2/NDF:3366.9/25

Out: -25.861+/-0.192 χ^2/NDF:4214.6/27

All: -26.031+/-0.137 χ^2/NDF: 7583.1/53

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 2.434+/-0.311 χ^2/NDF: 302.4/19

Left Out: -0.625+/-0.147 χ^2/NDF:1303.5/24

Right Out: 3.615+/-0.318 χ^2/NDF: 279.8/21

Left In: -0.773+/-0.150 χ^2/NDF:1111.4/22

Left: -0.697+/-0.105 χ^2/NDF: 2415.4/47

Right: 3.012+/-0.222 χ^2/NDF: 589.3/41

In: -0.167+/-0.135 χ^2/NDF:1500.0/42

Out: 0.119+/-0.133 χ^2/NDF:1729.8/46

All: -0.022+/-0.095 χ^2/NDF: 3232.1/89

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 76.739+/-0.573 χ^2/NDF: 2283.7/19

Left Out: 55.008+/-0.192 χ^2/NDF:4502.1/24

Right Out: 70.817+/-0.548 χ^2/NDF: 4493.3/21

Left In: 55.252+/-0.193 χ^2/NDF:3786.2/22

Left: 55.129+/-0.136 χ^2/NDF: 8289.0/47

Right: 73.645+/-0.396 χ^2/NDF: 6832.8/41

In: 57.438+/-0.183 χ^2/NDF:7332.2/42

Out: 56.736+/-0.181 χ^2/NDF:9736.6/46

All: 57.084+/-0.129 χ^2/NDF: 17076.3/89

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 5.452+/-0.357 χ^2/NDF: 395.7/19

Left Out: 9.691+/-0.168 χ^2/NDF:1440.3/24

Right Out: 3.274+/-0.365 χ^2/NDF: 425.9/21

Left In: 9.708+/-0.171 χ^2/NDF:1198.0/22

Left: 9.699+/-0.120 χ^2/NDF: 2638.3/47

Right: 4.387+/-0.255 χ^2/NDF: 839.7/41

In: 8.913+/-0.155 χ^2/NDF:1708.9/42

Out: 8.568+/-0.153 χ^2/NDF:2120.7/46

All: 8.738+/-0.109 χ^2/NDF: 3832.2/89

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -20.633+/-0.019 χ^2/NDF: 12560.5/19

Left Out: -19.746+/-0.008 χ^2/NDF:88374.4/24

Right Out: -17.593+/-0.018 χ^2/NDF: 178778.0/21

Left In: -19.457+/-0.008 χ^2/NDF:53995.4/22

Left: -19.602+/-0.006 χ^2/NDF: 143036.3/47

Right: -19.009+/-0.013 χ^2/NDF: 204601.5/41

In: -19.627+/-0.007 χ^2/NDF:69733.3/42

Out: -19.399+/-0.007 χ^2/NDF:279130.0/46

All: -19.511+/-0.005 χ^2/NDF: 349355.1/89

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -5.326+/-0.283 χ^2/NDF: 312.6/2

Left Out: -8.058+/-0.070 χ^2/NDF:12532.2/24

Right Out: -0.012+/-0.159 χ^2/NDF: 1750.4/3

Left In: -8.010+/-0.071 χ^2/NDF:10631.2/22

Left: -8.034+/-0.050 χ^2/NDF: 23163.6/47

Right: -1.285+/-0.139 χ^2/NDF: 2330.5/6

In: -7.850+/-0.069 χ^2/NDF:11028.1/25

Out: -6.739+/-0.064 χ^2/NDF:16422.1/28

All: -7.254+/-0.047 χ^2/NDF: 27588.3/54

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -4.768+/-0.054 χ^2/NDF: 14597.1/19

Left Out: 1.535+/-0.055 χ^2/NDF:4816.7/24

Right Out: -5.998+/-0.057 χ^2/NDF: 18938.0/22

Left In: 1.673+/-0.056 χ^2/NDF:4106.3/22

Left: 1.602+/-0.039 χ^2/NDF: 8926.1/47

Right: -5.350+/-0.039 χ^2/NDF: 33781.2/42

In: -1.693+/-0.039 χ^2/NDF:25516.6/42

Out: -2.066+/-0.039 χ^2/NDF:32888.5/47

All: -1.877+/-0.028 χ^2/NDF: 58450.5/90

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 5.370+/-0.084 χ^2/NDF: 2028.2/19

Left Out: 2.891+/-0.070 χ^2/NDF:8889.4/24

Right Out: 3.313+/-0.077 χ^2/NDF: 6917.5/22

Left In: 2.663+/-0.071 χ^2/NDF:7308.8/22

Left: 2.778+/-0.050 χ^2/NDF: 16203.4/47

Right: 4.244+/-0.057 χ^2/NDF: 9271.2/42

In: 3.786+/-0.054 χ^2/NDF:9939.2/42

Out: 3.084+/-0.052 χ^2/NDF:15823.3/47

All: 3.418+/-0.038 χ^2/NDF: 25849.8/90

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 6.958+/-0.064 χ^2/NDF: 126448.6/19

Left Out: 49.121+/-0.062 χ^2/NDF:2165.4/24

Right Out: 11.329+/-0.068 χ^2/NDF: 130873.3/22

Left In: 48.731+/-0.064 χ^2/NDF:2117.7/22

Left: 48.931+/-0.044 χ^2/NDF: 4302.5/47

Right: 9.006+/-0.047 χ^2/NDF: 259511.5/42

In: 27.963+/-0.045 χ^2/NDF:343329.4/42

Out: 32.026+/-0.046 χ^2/NDF:301756.5/47

All: 29.962+/-0.032 χ^2/NDF: 649084.6/90

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.198+/-0.003 χ^2/NDF: 5213.4/19

Left Out: 0.053+/-0.003 χ^2/NDF:2369.3/24

Right Out: 0.177+/-0.003 χ^2/NDF: 3981.0/22

Left In: 0.072+/-0.003 χ^2/NDF:3272.0/22

Left: 0.063+/-0.002 χ^2/NDF: 5662.5/47

Right: 0.187+/-0.002 χ^2/NDF: 9224.0/42

In: 0.138+/-0.002 χ^2/NDF:9511.8/42

Out: 0.120+/-0.002 χ^2/NDF:7384.5/47

All: 0.129+/-0.001 χ^2/NDF: 16937.5/90

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -3.276+/-0.705 χ^2/NDF: 0.0/2

Left Out: 1.590+/-0.133 χ^2/NDF:1457.4/24

Right Out: -3.482+/-0.417 χ^2/NDF: 43.8/3

Left In: 1.715+/-0.134 χ^2/NDF:1313.5/22

Left: 1.652+/-0.094 χ^2/NDF: 2771.4/47

Right: -3.429+/-0.359 χ^2/NDF: 43.9/6

In: 1.541+/-0.132 χ^2/NDF:1361.9/25

Out: 1.122+/-0.127 χ^2/NDF:1635.4/28

All: 1.323+/-0.091 χ^2/NDF: 3002.6/54

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -61.676+/-0.214 χ^2/NDF: 2905.4/19

Left Out: -54.701+/-0.106 χ^2/NDF:1124.5/24

Right Out: -61.048+/-0.199 χ^2/NDF: 4386.6/22

Left In: -54.677+/-0.109 χ^2/NDF:1140.6/22

Left: -54.689+/-0.076 χ^2/NDF: 2265.1/47

Right: -61.338+/-0.146 χ^2/NDF: 7296.6/42

In: -56.124+/-0.097 χ^2/NDF:4891.4/42

Out: -56.105+/-0.094 χ^2/NDF:6304.7/47

All: -56.114+/-0.067 χ^2/NDF: 11196.1/90

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -0.603+/-0.338 χ^2/NDF: 206.3/19

Left Out: -10.146+/-0.133 χ^2/NDF:1051.2/24

Right Out: -3.380+/-0.260 χ^2/NDF: 559.5/22

Left In: -10.391+/-0.134 χ^2/NDF:1024.8/22

Left: -10.268+/-0.094 χ^2/NDF: 2077.6/47

Right: -2.348+/-0.206 χ^2/NDF: 808.1/42

In: -9.068+/-0.124 χ^2/NDF:1954.6/42

Out: -8.744+/-0.118 χ^2/NDF:2146.5/47

All: -8.898+/-0.086 χ^2/NDF: 4104.7/90

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -30.993+/-0.246 χ^2/NDF: 5544.1/19

Left Out: -37.983+/-0.119 χ^2/NDF:936.9/24

Right Out: -30.940+/-0.234 χ^2/NDF: 7584.4/22

Left In: -37.784+/-0.122 χ^2/NDF:1079.7/22

Left: -37.886+/-0.085 χ^2/NDF: 2018.0/47

Right: -30.965+/-0.169 χ^2/NDF: 13128.6/42

In: -36.446+/-0.109 χ^2/NDF:7235.4/42

Out: -36.534+/-0.106 χ^2/NDF:9242.4/47

All: -36.491+/-0.076 χ^2/NDF: 16478.1/90

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.146+/-0.012 χ^2/NDF: 269.3/19

Left Out: 0.427+/-0.005 χ^2/NDF:1293.3/24

Right Out: 0.094+/-0.011 χ^2/NDF: 213.2/22

Left In: 0.392+/-0.005 χ^2/NDF:1835.6/22

Left: 0.409+/-0.004 χ^2/NDF: 3150.1/47

Right: 0.119+/-0.008 χ^2/NDF: 492.5/42

In: 0.350+/-0.005 χ^2/NDF:2462.3/42

Out: 0.365+/-0.005 χ^2/NDF:2220.1/47

All: 0.357+/-0.003 χ^2/NDF: 4687.1/90

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -3.084+/-1.318 χ^2/NDF: 200.5/2

Left Out: -15.427+/-0.105 χ^2/NDF:10499.6/24

Right Out: 14.661+/-0.787 χ^2/NDF: 286.9/3

Left In: -15.151+/-0.106 χ^2/NDF:8744.3/22

Left: -15.290+/-0.075 χ^2/NDF: 19247.4/47

Right: 9.994+/-0.676 χ^2/NDF: 621.1/6

In: -15.073+/-0.106 χ^2/NDF:9028.1/25

Out: -14.898+/-0.104 χ^2/NDF:12222.2/28

All: -14.984+/-0.074 χ^2/NDF: 21251.7/54

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.912+/-0.303 χ^2/NDF: 158.1/19

Left Out: 6.531+/-0.086 χ^2/NDF:4969.5/24

Right Out: 3.536+/-0.303 χ^2/NDF: 177.5/22

Left In: 6.448+/-0.086 χ^2/NDF:3955.6/22

Left: 6.490+/-0.061 χ^2/NDF: 8925.6/47

Right: 3.724+/-0.214 χ^2/NDF: 336.4/42

In: 6.260+/-0.083 χ^2/NDF:4178.4/42

Out: 6.309+/-0.082 χ^2/NDF:5237.7/47

All: 6.285+/-0.058 χ^2/NDF: 9416.3/90

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -59.789+/-0.487 χ^2/NDF: 927.0/19

Left Out: -45.897+/-0.106 χ^2/NDF:17133.8/24

Right Out: -69.946+/-0.411 χ^2/NDF: 2050.5/22

Left In: -45.268+/-0.107 χ^2/NDF:15775.7/22

Left: -45.584+/-0.075 χ^2/NDF: 32927.0/47

Right: -65.716+/-0.314 χ^2/NDF: 3231.3/42

In: -45.934+/-0.104 χ^2/NDF:17550.9/42

Out: -47.403+/-0.103 χ^2/NDF:22387.1/47

All: -46.678+/-0.073 χ^2/NDF: 40038.6/90

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 2.330+/-0.342 χ^2/NDF: 260.2/19

Left Out: 0.787+/-0.096 χ^2/NDF:3746.7/24

Right Out: 2.325+/-0.346 χ^2/NDF: 319.4/22

Left In: 0.791+/-0.096 χ^2/NDF:2697.7/22

Left: 0.789+/-0.068 χ^2/NDF: 6444.4/47

Right: 2.328+/-0.243 χ^2/NDF: 579.6/42

In: 0.904+/-0.093 χ^2/NDF:2976.7/42

Out: 0.896+/-0.092 χ^2/NDF:4084.5/47

All: 0.900+/-0.065 χ^2/NDF: 7061.2/90

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.246+/-0.019 χ^2/NDF: 1018.7/19

Left Out: 0.266+/-0.004 χ^2/NDF:698.1/24

Right Out: -0.326+/-0.018 χ^2/NDF: 1260.0/22

Left In: 0.270+/-0.004 χ^2/NDF:973.5/22

Left: 0.268+/-0.003 χ^2/NDF: 1672.0/47

Right: -0.286+/-0.013 χ^2/NDF: 2288.2/42

In: 0.243+/-0.004 χ^2/NDF:2727.4/42

Out: 0.235+/-0.004 χ^2/NDF:2944.0/47

All: 0.239+/-0.003 χ^2/NDF: 5673.2/90

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -29.079+/-0.535 χ^2/NDF: 181.6/2

Left Out: -24.571+/-0.051 χ^2/NDF:8610.0/24

Right Out: -22.995+/-0.355 χ^2/NDF: 244.2/3

Left In: -23.902+/-0.051 χ^2/NDF:9158.9/22

Left: -24.236+/-0.036 χ^2/NDF: 17855.2/47

Right: -24.855+/-0.296 χ^2/NDF: 515.4/6

In: -23.948+/-0.051 χ^2/NDF:9433.2/25

Out: -24.539+/-0.050 χ^2/NDF:8873.4/28

All: -24.245+/-0.036 χ^2/NDF: 18375.0/54

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -7.194+/-0.179 χ^2/NDF: 520.2/19

Left Out: -5.683+/-0.041 χ^2/NDF:2231.0/24

Right Out: -7.790+/-0.173 χ^2/NDF: 275.1/22

Left In: -5.690+/-0.041 χ^2/NDF:2328.2/22

Left: -5.686+/-0.029 χ^2/NDF: 4559.2/47

Right: -7.502+/-0.124 χ^2/NDF: 801.0/42

In: -5.764+/-0.040 χ^2/NDF:2915.7/42

Out: -5.796+/-0.040 χ^2/NDF:2646.8/47

All: -5.780+/-0.028 χ^2/NDF: 5562.8/90

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 4.332+/-0.271 χ^2/NDF: 1113.9/19

Left Out: -2.055+/-0.051 χ^2/NDF:16042.5/24

Right Out: -2.031+/-0.219 χ^2/NDF: 3899.0/22

Left In: -1.963+/-0.051 χ^2/NDF:15492.9/22

Left: -2.009+/-0.036 χ^2/NDF: 31537.0/47

Right: 0.483+/-0.170 χ^2/NDF: 5346.6/42

In: -1.747+/-0.050 χ^2/NDF:17128.3/42

Out: -2.054+/-0.050 χ^2/NDF:19941.5/47

All: -1.901+/-0.035 χ^2/NDF: 37088.5/90

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 20.644+/-0.205 χ^2/NDF: 1311.7/19

Left Out: 20.136+/-0.046 χ^2/NDF:1414.2/24

Right Out: 20.778+/-0.204 χ^2/NDF: 782.0/22

Left In: 20.184+/-0.046 χ^2/NDF:1470.7/22

Left: 20.160+/-0.032 χ^2/NDF: 2885.5/47

Right: 20.711+/-0.144 χ^2/NDF: 2093.9/42

In: 20.206+/-0.045 χ^2/NDF:2787.1/42

Out: 20.167+/-0.045 χ^2/NDF:2205.7/47

All: 20.187+/-0.032 χ^2/NDF: 4993.2/90

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.177+/-0.011 χ^2/NDF: 517.8/19

Left Out: -0.120+/-0.002 χ^2/NDF:532.4/24

Right Out: -0.168+/-0.010 χ^2/NDF: 1219.1/22

Left In: -0.118+/-0.002 χ^2/NDF:727.5/22

Left: -0.119+/-0.001 χ^2/NDF: 1260.2/47

Right: -0.172+/-0.007 χ^2/NDF: 1737.2/42

In: -0.121+/-0.002 χ^2/NDF:1273.1/42

Out: -0.122+/-0.002 χ^2/NDF:1772.1/47

All: -0.121+/-0.001 χ^2/NDF: 3045.5/90

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -5.638+/-1.120 χ^2/NDF: 187.0/2

Left Out: -10.392+/-0.088 χ^2/NDF:2112.5/24

Right Out: 17.836+/-0.709 χ^2/NDF: 1213.5/3

Left In: -9.990+/-0.089 χ^2/NDF:1794.2/22

Left: -10.194+/-0.063 χ^2/NDF: 3917.0/47

Right: 11.121+/-0.599 χ^2/NDF: 1714.3/6

In: -9.962+/-0.089 χ^2/NDF:1996.2/25

Out: -9.964+/-0.087 χ^2/NDF:4888.5/28

All: -9.963+/-0.062 χ^2/NDF: 6884.7/54

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 6.934+/-0.387 χ^2/NDF: 1488.0/19

Left Out: 7.187+/-0.074 χ^2/NDF:916.3/24

Right Out: 4.125+/-0.395 χ^2/NDF: 1708.5/22

Left In: 7.043+/-0.074 χ^2/NDF:1604.6/22

Left: 7.115+/-0.052 χ^2/NDF: 2522.8/47

Right: 5.559+/-0.276 χ^2/NDF: 3222.3/42

In: 7.039+/-0.073 χ^2/NDF:3092.6/42

Out: 7.084+/-0.072 χ^2/NDF:2682.9/47

All: 7.062+/-0.051 χ^2/NDF: 5775.7/90

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -54.081+/-0.581 χ^2/NDF: 512.0/19

Left Out: -35.377+/-0.089 χ^2/NDF:12628.3/24

Right Out: -68.932+/-0.468 χ^2/NDF: 2615.8/22

Left In: -35.260+/-0.090 χ^2/NDF:11769.2/22

Left: -35.319+/-0.063 χ^2/NDF: 24398.4/47

Right: -63.087+/-0.365 χ^2/NDF: 3523.9/42

In: -35.699+/-0.089 χ^2/NDF:13305.9/42

Out: -36.550+/-0.088 χ^2/NDF:20202.6/47

All: -36.130+/-0.062 χ^2/NDF: 33555.2/90

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -61.741+/-0.435 χ^2/NDF: 2480.4/19

Left Out: -30.415+/-0.082 χ^2/NDF:8132.2/24

Right Out: -59.758+/-0.456 χ^2/NDF: 2576.5/22

Left In: -29.863+/-0.082 χ^2/NDF:7145.9/22

Left: -30.141+/-0.058 χ^2/NDF: 15300.8/47

Right: -60.797+/-0.315 χ^2/NDF: 5066.9/42

In: -30.965+/-0.081 χ^2/NDF:14816.2/42

Out: -31.325+/-0.080 χ^2/NDF:14717.7/47

All: -31.146+/-0.057 χ^2/NDF: 29543.9/90

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.141+/-0.023 χ^2/NDF: 996.5/19

Left Out: 0.553+/-0.004 χ^2/NDF:542.9/24

Right Out: 0.103+/-0.024 χ^2/NDF: 2267.4/22

Left In: 0.544+/-0.004 χ^2/NDF:659.2/22

Left: 0.548+/-0.003 χ^2/NDF: 1205.2/47

Right: 0.123+/-0.017 χ^2/NDF: 3265.2/42

In: 0.533+/-0.004 χ^2/NDF:1952.7/42

Out: 0.543+/-0.004 χ^2/NDF:3143.9/47

All: 0.538+/-0.003 χ^2/NDF: 5100.0/90

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -21.908+/-2.607 χ^2/NDF: 28.8/2

Left Out: -33.148+/-0.301 χ^2/NDF:500.0/24

Right Out: -15.150+/-1.709 χ^2/NDF: 20.8/3

Left In: -31.647+/-0.308 χ^2/NDF:546.9/22

Left: -32.414+/-0.215 χ^2/NDF: 1059.0/47

Right: -17.181+/-1.429 χ^2/NDF: 54.3/6

In: -31.513+/-0.305 χ^2/NDF:589.5/25

Out: -32.607+/-0.296 χ^2/NDF:628.3/28

All: -32.077+/-0.213 χ^2/NDF: 1224.4/54

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -47.922+/-0.705 χ^2/NDF: 1281.4/19

Left Out: -34.256+/-0.242 χ^2/NDF:693.3/24

Right Out: -49.772+/-0.726 χ^2/NDF: 1578.4/22

Left In: -34.189+/-0.250 χ^2/NDF:1546.1/22

Left: -34.224+/-0.174 χ^2/NDF: 2239.5/47

Right: -48.820+/-0.506 χ^2/NDF: 2863.1/42

In: -35.725+/-0.236 χ^2/NDF:3164.5/42

Out: -35.809+/-0.230 χ^2/NDF:2682.9/47

All: -35.768+/-0.165 χ^2/NDF: 5847.4/90

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -76.280+/-1.128 χ^2/NDF: 537.7/19

Left Out: -93.719+/-0.302 χ^2/NDF:878.2/24

Right Out: -91.589+/-0.985 χ^2/NDF: 1180.7/22

Left In: -94.861+/-0.307 χ^2/NDF:985.5/22

Left: -94.280+/-0.215 χ^2/NDF: 1870.7/47

Right: -84.968+/-0.742 χ^2/NDF: 1822.8/42

In: -93.578+/-0.296 χ^2/NDF:1775.6/42

Out: -93.536+/-0.289 χ^2/NDF:2063.1/47

All: -93.556+/-0.207 χ^2/NDF: 3838.8/90

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -105.054+/-0.799 χ^2/NDF: 1093.4/19

Left Out: -109.338+/-0.272 χ^2/NDF:826.2/24

Right Out: -102.454+/-0.836 χ^2/NDF: 1404.2/22

Left In: -109.126+/-0.279 χ^2/NDF:1578.7/22

Left: -109.235+/-0.195 χ^2/NDF: 2405.2/47

Right: -103.813+/-0.577 χ^2/NDF: 2502.7/42

In: -108.683+/-0.264 χ^2/NDF:2695.3/42

Out: -108.679+/-0.259 χ^2/NDF:2291.7/47

All: -108.681+/-0.185 χ^2/NDF: 4987.0/90

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.055+/-0.041 χ^2/NDF: 343.0/19

Left Out: 0.995+/-0.012 χ^2/NDF:635.3/24

Right Out: -0.319+/-0.042 χ^2/NDF: 612.8/22

Left In: 0.957+/-0.013 χ^2/NDF:896.5/22

Left: 0.976+/-0.009 χ^2/NDF: 1536.3/47

Right: -0.184+/-0.029 χ^2/NDF: 976.0/42

In: 0.870+/-0.012 χ^2/NDF:1795.4/42

Out: 0.889+/-0.012 χ^2/NDF:2142.5/47

All: 0.880+/-0.008 χ^2/NDF: 3939.2/90

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -5.252+/-2.040 χ^2/NDF: 151.1/2

Left Out: -42.295+/-0.222 χ^2/NDF:18267.5/24

Right Out: 12.629+/-1.337 χ^2/NDF: 310.3/3

Left In: -41.955+/-0.226 χ^2/NDF:14723.4/22

Left: -42.128+/-0.159 χ^2/NDF: 32992.1/47

Right: 7.256+/-1.118 χ^2/NDF: 515.1/6

In: -41.511+/-0.225 χ^2/NDF:15194.2/25

Out: -40.816+/-0.219 χ^2/NDF:20219.4/28

All: -41.155+/-0.157 χ^2/NDF: 35418.5/54

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -7.105+/-0.421 χ^2/NDF: 1160.2/19

Left Out: -0.527+/-0.175 χ^2/NDF:8707.9/24

Right Out: -5.568+/-0.418 χ^2/NDF: 1506.2/22

Left In: -0.125+/-0.179 χ^2/NDF:6925.0/22

Left: -0.331+/-0.125 χ^2/NDF: 15635.5/47

Right: -6.330+/-0.297 χ^2/NDF: 2673.0/42

In: -1.189+/-0.164 χ^2/NDF:8318.1/42

Out: -1.278+/-0.161 χ^2/NDF:10338.0/47

All: -1.234+/-0.115 χ^2/NDF: 18656.2/90

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -66.188+/-0.684 χ^2/NDF: 2410.9/19

Left Out: -57.276+/-0.224 χ^2/NDF:18511.1/24

Right Out: -77.014+/-0.594 χ^2/NDF: 3513.8/22

Left In: -56.705+/-0.226 χ^2/NDF:16547.5/22

Left: -56.993+/-0.159 χ^2/NDF: 35061.8/47

Right: -72.362+/-0.448 χ^2/NDF: 6067.6/42

In: -57.639+/-0.215 χ^2/NDF:19131.8/42

Out: -59.729+/-0.209 χ^2/NDF:22993.4/47

All: -58.710+/-0.150 χ^2/NDF: 42173.8/90

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 110.980+/-0.482 χ^2/NDF: 6090.9/19

Left Out: 108.709+/-0.198 χ^2/NDF:7297.0/24

Right Out: 107.015+/-0.480 χ^2/NDF: 7237.4/22

Left In: 107.180+/-0.202 χ^2/NDF:5592.3/22

Left: 107.959+/-0.141 χ^2/NDF: 12918.6/47

Right: 108.989+/-0.340 χ^2/NDF: 13362.3/42

In: 107.746+/-0.186 χ^2/NDF:11736.2/42

Out: 108.463+/-0.183 χ^2/NDF:14545.0/47

All: 108.111+/-0.130 χ^2/NDF: 26288.7/90

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.722+/-0.025 χ^2/NDF: 1088.0/19

Left Out: -0.289+/-0.009 χ^2/NDF:2039.6/24

Right Out: -0.796+/-0.024 χ^2/NDF: 1486.7/22

Left In: -0.246+/-0.009 χ^2/NDF:2804.3/22

Left: -0.267+/-0.006 χ^2/NDF: 4855.1/47

Right: -0.761+/-0.017 χ^2/NDF: 2579.3/42

In: -0.301+/-0.009 χ^2/NDF:4204.6/42

Out: -0.354+/-0.008 χ^2/NDF:3923.6/47

All: -0.328+/-0.006 χ^2/NDF: 8146.8/90

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -22.891+/-1.607 χ^2/NDF: 82.9/2

Left Out: -40.897+/-0.186 χ^2/NDF:9114.7/24

Right Out: -13.702+/-1.037 χ^2/NDF: 118.9/3

Left In: -40.422+/-0.189 χ^2/NDF:7030.2/22

Left: -40.662+/-0.133 χ^2/NDF: 16148.1/47

Right: -16.402+/-0.871 χ^2/NDF: 224.8/6

In: -40.183+/-0.188 χ^2/NDF:7230.4/25

Out: -40.045+/-0.183 χ^2/NDF:9900.2/28

All: -40.112+/-0.131 χ^2/NDF: 17130.9/54

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 33.107+/-0.366 χ^2/NDF: 614.8/19

Left Out: 34.768+/-0.148 χ^2/NDF:3677.3/24

Right Out: 33.940+/-0.366 χ^2/NDF: 1004.1/22

Left In: 34.928+/-0.151 χ^2/NDF:2688.4/22

Left: 34.846+/-0.106 χ^2/NDF: 6366.3/47

Right: 33.524+/-0.259 χ^2/NDF: 1621.5/42

In: 34.663+/-0.140 χ^2/NDF:3324.4/42

Out: 34.652+/-0.137 χ^2/NDF:4685.9/47

All: 34.657+/-0.098 χ^2/NDF: 8010.3/90

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -25.918+/-0.600 χ^2/NDF: 1183.5/19

Left Out: -29.080+/-0.187 χ^2/NDF:10059.5/24

Right Out: -35.355+/-0.515 χ^2/NDF: 2522.6/22

Left In: -28.735+/-0.189 χ^2/NDF:9155.5/22

Left: -28.909+/-0.133 χ^2/NDF: 19216.6/47

Right: -31.348+/-0.391 χ^2/NDF: 3848.5/42

In: -28.481+/-0.180 χ^2/NDF:10359.1/42

Out: -29.813+/-0.176 χ^2/NDF:12713.1/47

All: -29.162+/-0.126 χ^2/NDF: 23100.1/90

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 72.255+/-0.421 χ^2/NDF: 4839.0/19

Left Out: 70.450+/-0.167 χ^2/NDF:4484.7/24

Right Out: 70.384+/-0.424 χ^2/NDF: 5685.7/22

Left In: 69.350+/-0.170 χ^2/NDF:3330.7/22

Left: 69.910+/-0.119 χ^2/NDF: 7836.8/47

Right: 71.327+/-0.299 χ^2/NDF: 10534.5/42

In: 69.757+/-0.157 χ^2/NDF:8210.8/42

Out: 70.441+/-0.155 χ^2/NDF:10170.4/47

All: 70.104+/-0.110 χ^2/NDF: 18390.7/90

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.526+/-0.022 χ^2/NDF: 374.3/19

Left Out: -0.498+/-0.008 χ^2/NDF:1440.7/24

Right Out: -0.561+/-0.021 χ^2/NDF: 635.0/22

Left In: -0.457+/-0.008 χ^2/NDF:1975.2/22

Left: -0.478+/-0.005 χ^2/NDF: 3430.2/47

Right: -0.544+/-0.015 χ^2/NDF: 1010.7/42

In: -0.465+/-0.007 χ^2/NDF:2358.4/42

Out: -0.505+/-0.007 χ^2/NDF:2084.0/47

All: -0.485+/-0.005 χ^2/NDF: 4458.4/90

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -17.335+/-0.550 χ^2/NDF: 88.3/2

Left Out: -11.764+/-0.067 χ^2/NDF:1025.9/24

Right Out: -14.718+/-0.336 χ^2/NDF: 36.1/3

Left In: -11.352+/-0.068 χ^2/NDF:1280.6/22

Left: -11.561+/-0.048 χ^2/NDF: 2325.4/47

Right: -15.428+/-0.287 χ^2/NDF: 140.8/6

In: -11.441+/-0.067 χ^2/NDF:1485.4/25

Out: -11.877+/-0.065 χ^2/NDF:1136.4/28

All: -11.664+/-0.047 χ^2/NDF: 2643.4/54

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -34.289+/-0.147 χ^2/NDF: 1469.7/19

Left Out: -30.201+/-0.054 χ^2/NDF:725.7/24

Right Out: -34.410+/-0.143 χ^2/NDF: 1721.7/22

Left In: -30.128+/-0.055 χ^2/NDF:1290.4/22

Left: -30.165+/-0.039 χ^2/NDF: 2017.0/47

Right: -34.351+/-0.103 χ^2/NDF: 3191.8/42

In: -30.646+/-0.052 χ^2/NDF:3462.7/42

Out: -30.724+/-0.051 χ^2/NDF:3203.0/47

All: -30.686+/-0.036 χ^2/NDF: 6666.9/90

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 2.484+/-0.234 χ^2/NDF: 654.4/19

Left Out: -7.180+/-0.067 χ^2/NDF:3015.8/24

Right Out: -1.281+/-0.195 χ^2/NDF: 2155.6/22

Left In: -7.400+/-0.068 χ^2/NDF:3134.9/22

Left: -7.289+/-0.048 χ^2/NDF: 6156.0/47

Right: 0.261+/-0.150 χ^2/NDF: 2962.4/42

In: -6.642+/-0.065 χ^2/NDF:5430.8/42

Out: -6.559+/-0.063 χ^2/NDF:5988.2/47

All: -6.600+/-0.045 χ^2/NDF: 11419.8/90

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -5.287+/-0.167 χ^2/NDF: 2253.9/19

Left Out: -8.965+/-0.060 χ^2/NDF:876.6/24

Right Out: -4.578+/-0.168 χ^2/NDF: 2404.8/22

Left In: -8.898+/-0.061 χ^2/NDF:1584.0/22

Left: -8.932+/-0.043 χ^2/NDF: 2461.2/47

Right: -4.933+/-0.118 χ^2/NDF: 4667.7/42

In: -8.467+/-0.058 χ^2/NDF:4248.8/42

Out: -8.462+/-0.057 χ^2/NDF:3888.5/47

All: -8.465+/-0.040 χ^2/NDF: 8137.3/90

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.057+/-0.008 χ^2/NDF: 220.5/19

Left Out: 0.163+/-0.003 χ^2/NDF:1011.4/24

Right Out: -0.082+/-0.008 χ^2/NDF: 517.5/22

Left In: 0.150+/-0.003 χ^2/NDF:1296.5/22

Left: 0.157+/-0.002 χ^2/NDF: 2318.7/47

Right: -0.069+/-0.006 χ^2/NDF: 742.7/42

In: 0.129+/-0.003 χ^2/NDF:2095.5/42

Out: 0.138+/-0.003 χ^2/NDF:2354.8/47

All: 0.134+/-0.002 χ^2/NDF: 4455.9/90

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 1.291+/-0.650 χ^2/NDF: 132.7/2

Left Out: 2.575+/-0.058 χ^2/NDF:868.1/24

Right Out: 1.958+/-0.410 χ^2/NDF: 760.6/3

Left In: 2.433+/-0.059 χ^2/NDF:882.9/22

Left: 2.505+/-0.042 χ^2/NDF: 1754.0/47

Right: 1.768+/-0.346 χ^2/NDF: 894.1/6

In: 2.424+/-0.059 χ^2/NDF:1018.7/25

Out: 2.563+/-0.058 χ^2/NDF:1630.9/28

All: 2.495+/-0.041 χ^2/NDF: 2652.5/54

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -2.868+/-0.151 χ^2/NDF: 170.1/19

Left Out: -2.145+/-0.048 χ^2/NDF:572.6/24

Right Out: -3.509+/-0.149 χ^2/NDF: 372.8/22

Left In: -2.137+/-0.048 χ^2/NDF:693.6/22

Left: -2.141+/-0.034 χ^2/NDF: 1266.1/47

Right: -3.194+/-0.106 χ^2/NDF: 552.1/42

In: -2.204+/-0.046 χ^2/NDF:884.9/42

Out: -2.272+/-0.045 χ^2/NDF:1021.6/47

All: -2.238+/-0.032 χ^2/NDF: 1907.6/90

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 31.125+/-0.240 χ^2/NDF: 735.2/19

Left Out: 25.258+/-0.059 χ^2/NDF:8135.5/24

Right Out: 32.624+/-0.205 χ^2/NDF: 1249.5/22

Left In: 25.034+/-0.059 χ^2/NDF:7690.0/22

Left: 25.147+/-0.042 χ^2/NDF: 15832.7/47

Right: 31.990+/-0.156 χ^2/NDF: 2007.3/42

In: 25.386+/-0.058 χ^2/NDF:9032.9/42

Out: 25.819+/-0.057 χ^2/NDF:10575.1/47

All: 25.606+/-0.040 χ^2/NDF: 19636.7/90

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 14.106+/-0.170 χ^2/NDF: 7445.8/19

Left Out: 23.953+/-0.053 χ^2/NDF:1915.9/24

Right Out: 12.921+/-0.170 χ^2/NDF: 7204.1/22

Left In: 23.804+/-0.054 χ^2/NDF:1760.4/22

Left: 23.880+/-0.038 χ^2/NDF: 3680.1/47

Right: 13.512+/-0.120 χ^2/NDF: 14674.2/42

In: 22.920+/-0.051 χ^2/NDF:12159.7/42

Out: 22.967+/-0.051 χ^2/NDF:12963.0/47

All: 22.944+/-0.036 χ^2/NDF: 25123.2/90

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.207+/-0.009 χ^2/NDF: 864.8/19

Left Out: -0.114+/-0.002 χ^2/NDF:290.8/24

Right Out: 0.144+/-0.009 χ^2/NDF: 3482.8/22

Left In: -0.107+/-0.002 χ^2/NDF:322.0/22

Left: -0.110+/-0.002 χ^2/NDF: 616.8/47

Right: 0.175+/-0.006 χ^2/NDF: 4371.5/42

In: -0.086+/-0.002 χ^2/NDF:2273.3/42

Out: -0.096+/-0.002 χ^2/NDF:4548.1/47

All: -0.091+/-0.002 χ^2/NDF: 6830.6/90

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -19.955+/-1.793 χ^2/NDF: 52.4/2

Left Out: -38.660+/-0.169 χ^2/NDF:4073.8/24

Right Out: -6.876+/-1.032 χ^2/NDF: 115.7/3

Left In: -37.939+/-0.173 χ^2/NDF:3133.2/22

Left: -38.306+/-0.121 χ^2/NDF: 7216.0/47

Right: -10.130+/-0.894 χ^2/NDF: 208.0/6

In: -37.774+/-0.172 χ^2/NDF:3285.2/25

Out: -37.826+/-0.167 χ^2/NDF:5113.3/28

All: -37.801+/-0.120 χ^2/NDF: 8398.6/54

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -8.404+/-0.453 χ^2/NDF: 431.9/19

Left Out: 1.163+/-0.136 χ^2/NDF:1786.1/24

Right Out: -9.990+/-0.462 χ^2/NDF: 477.6/22

Left In: 1.319+/-0.139 χ^2/NDF:2080.7/22

Left: 1.239+/-0.097 χ^2/NDF: 3867.4/47

Right: -9.181+/-0.323 χ^2/NDF: 915.5/42

In: 0.476+/-0.133 χ^2/NDF:2934.0/42

Out: 0.269+/-0.131 χ^2/NDF:2800.0/47

All: 0.370+/-0.093 χ^2/NDF: 5735.2/90

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -53.695+/-0.731 χ^2/NDF: 834.4/19

Left Out: -59.724+/-0.170 χ^2/NDF:5789.8/24

Right Out: -72.562+/-0.604 χ^2/NDF: 2471.2/22

Left In: -59.864+/-0.173 χ^2/NDF:5275.1/22

Left: -59.793+/-0.121 χ^2/NDF: 11065.1/47

Right: -64.913+/-0.466 χ^2/NDF: 3701.5/42

In: -59.538+/-0.168 χ^2/NDF:6176.9/42

Out: -60.671+/-0.164 χ^2/NDF:8679.7/47

All: -60.119+/-0.117 χ^2/NDF: 14879.9/90

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -11.995+/-0.513 χ^2/NDF: 509.8/19

Left Out: -19.902+/-0.153 χ^2/NDF:1904.7/24

Right Out: -10.491+/-0.534 χ^2/NDF: 417.1/22

Left In: -20.412+/-0.156 χ^2/NDF:2345.4/22

Left: -20.152+/-0.109 χ^2/NDF: 4255.5/47

Right: -11.273+/-0.370 χ^2/NDF: 931.0/42

In: -19.698+/-0.149 χ^2/NDF:3101.4/42

Out: -19.186+/-0.147 χ^2/NDF:2609.1/47

All: -19.438+/-0.105 χ^2/NDF: 5716.5/90

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.309+/-0.027 χ^2/NDF: 373.2/19

Left Out: 0.239+/-0.007 χ^2/NDF:93.5/24

Right Out: -0.419+/-0.027 χ^2/NDF: 747.2/22

Left In: 0.243+/-0.007 χ^2/NDF:139.2/22

Left: 0.241+/-0.005 χ^2/NDF: 232.9/47

Right: -0.363+/-0.019 χ^2/NDF: 1128.6/42

In: 0.207+/-0.007 χ^2/NDF:905.6/42

Out: 0.198+/-0.007 χ^2/NDF:1379.6/47

All: 0.203+/-0.005 χ^2/NDF: 2286.0/90

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.060+/-0.563 χ^2/NDF: 46.5/2

Left Out: 15.298+/-0.101 χ^2/NDF:19135.0/24

Right Out: -1.265+/-0.340 χ^2/NDF: 88.5/3

Left In: 15.268+/-0.102 χ^2/NDF:16406.3/22

Left: 15.283+/-0.072 χ^2/NDF: 35541.3/47

Right: -0.911+/-0.291 χ^2/NDF: 139.1/6

In: 14.784+/-0.100 χ^2/NDF:17158.5/25

Out: 13.963+/-0.097 χ^2/NDF:21406.1/28

All: 14.357+/-0.070 χ^2/NDF: 38599.3/54

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 4.960+/-0.204 χ^2/NDF: 8119.0/19

Left Out: 3.717+/-0.079 χ^2/NDF:9201.0/24

Right Out: 4.903+/-0.194 χ^2/NDF: 10060.7/22

Left In: 3.327+/-0.081 χ^2/NDF:8830.5/22

Left: 3.527+/-0.057 χ^2/NDF: 18043.4/47

Right: 4.930+/-0.140 χ^2/NDF: 18179.7/42

In: 3.549+/-0.075 χ^2/NDF:17005.0/42

Out: 3.886+/-0.073 χ^2/NDF:19293.9/47

All: 3.723+/-0.052 χ^2/NDF: 36309.1/90

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 13.532+/-0.317 χ^2/NDF: 2898.9/19

Left Out: 9.220+/-0.101 χ^2/NDF:13617.0/24

Right Out: 18.481+/-0.235 χ^2/NDF: 2948.4/22

Left In: 9.420+/-0.102 χ^2/NDF:12078.1/22

Left: 9.319+/-0.072 χ^2/NDF: 25697.1/47

Right: 16.726+/-0.189 χ^2/NDF: 6004.1/42

In: 9.805+/-0.097 χ^2/NDF:15129.1/42

Out: 10.662+/-0.093 χ^2/NDF:17872.0/47

All: 10.252+/-0.067 χ^2/NDF: 33041.8/90

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -95.859+/-0.238 χ^2/NDF: 9925.5/19

Left Out: -71.379+/-0.089 χ^2/NDF:16226.2/24

Right Out: -95.781+/-0.231 χ^2/NDF: 13591.8/22

Left In: -69.999+/-0.091 χ^2/NDF:13188.0/22

Left: -70.704+/-0.064 χ^2/NDF: 29530.5/47

Right: -95.819+/-0.166 χ^2/NDF: 23517.3/42

In: -73.316+/-0.085 χ^2/NDF:33379.1/42

Out: -74.566+/-0.083 χ^2/NDF:39529.6/47

All: -73.955+/-0.060 χ^2/NDF: 73018.3/90

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.390+/-0.012 χ^2/NDF: 1223.9/19

Left Out: 0.425+/-0.004 χ^2/NDF:2866.9/24

Right Out: 0.277+/-0.012 χ^2/NDF: 1296.2/22

Left In: 0.395+/-0.004 χ^2/NDF:4063.1/22

Left: 0.410+/-0.003 χ^2/NDF: 6956.2/47

Right: 0.331+/-0.009 χ^2/NDF: 2564.4/42

In: 0.394+/-0.004 χ^2/NDF:5287.2/42

Out: 0.409+/-0.004 χ^2/NDF:4302.8/47

All: 0.402+/-0.003 χ^2/NDF: 9596.7/90

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -4.703+/-1.122 χ^2/NDF: 183.9/2

Left Out: -24.824+/-0.140 χ^2/NDF:18274.6/24

Right Out: 6.904+/-0.719 χ^2/NDF: 564.1/3

Left In: -24.635+/-0.142 χ^2/NDF:14947.9/22

Left: -24.731+/-0.100 χ^2/NDF: 33223.4/47

Right: 3.521+/-0.606 χ^2/NDF: 823.8/6

In: -24.320+/-0.141 χ^2/NDF:15442.5/25

Out: -23.671+/-0.137 χ^2/NDF:20713.0/28

All: -23.987+/-0.098 χ^2/NDF: 36166.3/54

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 14.338+/-1.347 χ^2/NDF: 134.3/2

Left Out: 0.218+/-0.109 χ^2/NDF:8252.6/24

Right Out: 2.981+/-0.986 χ^2/NDF: 329.1/3

Left In: 0.507+/-0.112 χ^2/NDF:6626.9/22

Left: 0.358+/-0.078 χ^2/NDF: 14883.0/47

Right: 6.943+/-0.796 χ^2/NDF: 509.7/6

In: 0.602+/-0.111 χ^2/NDF:6865.9/25

Out: 0.251+/-0.108 χ^2/NDF:8589.5/28

All: 0.421+/-0.078 χ^2/NDF: 15460.5/54

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -51.804+/-0.959 χ^2/NDF: 155.5/2

Left Out: -27.977+/-0.140 χ^2/NDF:17079.0/24

Right Out: -60.419+/-0.595 χ^2/NDF: 469.9/3

Left In: -27.796+/-0.142 χ^2/NDF:15193.3/22

Left: -27.888+/-0.100 χ^2/NDF: 32273.2/47

Right: -58.024+/-0.506 χ^2/NDF: 683.7/6

In: -28.310+/-0.140 χ^2/NDF:15962.2/25

Out: -29.682+/-0.136 χ^2/NDF:20365.9/28

All: -29.015+/-0.098 χ^2/NDF: 36377.3/54

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 55.890+/-1.876 χ^2/NDF: 70.9/2

Left Out: 79.364+/-0.123 χ^2/NDF:5966.3/24

Right Out: 70.556+/-1.438 χ^2/NDF: 310.4/3

Left In: 78.367+/-0.126 χ^2/NDF:4735.5/22

Left: 78.877+/-0.088 χ^2/NDF: 10733.6/47

Right: 65.131+/-1.141 χ^2/NDF: 419.8/6

In: 78.266+/-0.126 χ^2/NDF:4949.3/25

Out: 79.299+/-0.123 χ^2/NDF:6313.9/28

All: 78.795+/-0.088 χ^2/NDF: 11297.6/54

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.832+/-0.070 χ^2/NDF: 85.2/2

Left Out: -0.115+/-0.006 χ^2/NDF:2288.7/24

Right Out: -0.189+/-0.058 χ^2/NDF: 332.2/3

Left In: -0.085+/-0.006 χ^2/NDF:3148.4/22

Left: -0.100+/-0.004 χ^2/NDF: 5450.5/47

Right: -0.450+/-0.045 χ^2/NDF: 467.1/6

In: -0.090+/-0.006 χ^2/NDF:3345.4/25

Out: -0.115+/-0.006 χ^2/NDF:2622.6/28

All: -0.103+/-0.004 χ^2/NDF: 5977.8/54

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -3.956+/-1.660 χ^2/NDF: 174.0/2

Left Out: -29.227+/-0.157 χ^2/NDF:16880.0/24

Right Out: 13.573+/-1.086 χ^2/NDF: 319.4/3

Left In: -28.857+/-0.159 χ^2/NDF:13553.6/22

Left: -29.044+/-0.112 χ^2/NDF: 30436.3/47

Right: 8.319+/-0.909 χ^2/NDF: 571.5/6

In: -28.630+/-0.158 χ^2/NDF:13950.5/25

Out: -28.351+/-0.155 χ^2/NDF:18720.2/28

All: -28.488+/-0.111 χ^2/NDF: 32672.3/54

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 11.759+/-2.050 χ^2/NDF: 33.8/2

Left Out: 3.126+/-0.125 χ^2/NDF:8049.0/24

Right Out: -0.867+/-1.478 χ^2/NDF: 112.8/3

Left In: 3.224+/-0.127 χ^2/NDF:6274.0/22

Left: 3.174+/-0.089 χ^2/NDF: 14323.3/47

Right: 3.449+/-1.199 χ^2/NDF: 171.6/6

In: 3.256+/-0.126 χ^2/NDF:6325.1/25

Out: 3.097+/-0.124 χ^2/NDF:8169.1/28

All: 3.176+/-0.089 χ^2/NDF: 14494.9/54

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -89.363+/-1.406 χ^2/NDF: 129.5/2

Left Out: -51.610+/-0.158 χ^2/NDF:19384.9/24

Right Out: -102.691+/-0.892 χ^2/NDF: 233.6/3

Left In: -50.954+/-0.159 χ^2/NDF:17472.2/22

Left: -51.285+/-0.112 χ^2/NDF: 36865.6/47

Right: -98.864+/-0.754 χ^2/NDF: 427.2/6

In: -51.442+/-0.158 χ^2/NDF:18338.3/25

Out: -53.165+/-0.156 χ^2/NDF:22794.8/28

All: -52.318+/-0.111 χ^2/NDF: 41193.3/54

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 39.030+/-2.906 χ^2/NDF: 18.8/2

Left Out: 54.407+/-0.141 χ^2/NDF:6200.4/24

Right Out: 56.478+/-2.168 χ^2/NDF: 110.1/3

Left In: 53.704+/-0.143 χ^2/NDF:4603.5/22

Left: 54.060+/-0.100 χ^2/NDF: 10816.3/47

Right: 50.238+/-1.738 χ^2/NDF: 152.1/6

In: 53.668+/-0.142 χ^2/NDF:4647.7/25

Out: 54.415+/-0.140 χ^2/NDF:6311.5/28

All: 54.048+/-0.100 χ^2/NDF: 10973.2/54

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -1.009+/-0.115 χ^2/NDF: 57.2/2

Left Out: -0.015+/-0.006 χ^2/NDF:1645.9/24

Right Out: 0.057+/-0.094 χ^2/NDF: 190.0/3

Left In: 0.009+/-0.007 χ^2/NDF:2228.9/22

Left: -0.003+/-0.005 χ^2/NDF: 3881.7/47

Right: -0.371+/-0.073 χ^2/NDF: 298.7/6

In: 0.006+/-0.007 χ^2/NDF:2364.5/25

Out: -0.014+/-0.006 χ^2/NDF:1836.4/28

All: -0.004+/-0.005 χ^2/NDF: 4205.9/54

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -3.283+/-0.585 χ^2/NDF: 271.7/2

Left Out: -10.030+/-0.051 χ^2/NDF:12530.2/24

Right Out: 14.652+/-0.378 χ^2/NDF: 4477.7/3

Left In: -9.820+/-0.051 χ^2/NDF:9468.8/22

Left: -9.926+/-0.036 χ^2/NDF: 22007.5/47

Right: 9.365+/-0.317 χ^2/NDF: 5413.0/6

In: -9.770+/-0.051 χ^2/NDF:9864.6/25

Out: -9.593+/-0.050 χ^2/NDF:21196.0/28

All: -9.680+/-0.036 χ^2/NDF: 31066.7/54

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.902+/-0.728 χ^2/NDF: 37.7/2

Left Out: 4.499+/-0.041 χ^2/NDF:4809.3/24

Right Out: -4.632+/-0.510 χ^2/NDF: 197.1/3

Left In: 4.388+/-0.041 χ^2/NDF:4266.4/22

Left: 4.444+/-0.029 χ^2/NDF: 9079.4/47

Right: -2.478+/-0.418 χ^2/NDF: 288.9/6

In: 4.380+/-0.041 χ^2/NDF:4315.8/25

Out: 4.441+/-0.041 χ^2/NDF:5324.4/28

All: 4.411+/-0.029 χ^2/NDF: 9641.3/54

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -30.510+/-0.493 χ^2/NDF: 195.1/2

Left Out: -16.965+/-0.051 χ^2/NDF:21902.1/24

Right Out: -45.394+/-0.309 χ^2/NDF: 4478.2/3

Left In: -16.764+/-0.051 χ^2/NDF:19037.7/22

Left: -16.865+/-0.036 χ^2/NDF: 40947.4/47

Right: -41.186+/-0.262 χ^2/NDF: 5327.6/6

In: -16.912+/-0.051 χ^2/NDF:20002.6/25

Out: -17.721+/-0.050 χ^2/NDF:34600.6/28

All: -17.321+/-0.036 χ^2/NDF: 54730.4/54

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 8.172+/-1.040 χ^2/NDF: 50.7/2

Left Out: 8.424+/-0.046 χ^2/NDF:6478.6/24

Right Out: 17.019+/-0.750 χ^2/NDF: 112.7/3

Left In: 8.626+/-0.046 χ^2/NDF:5531.9/22

Left: 8.524+/-0.032 χ^2/NDF: 12020.2/47

Right: 13.991+/-0.609 χ^2/NDF: 211.0/6

In: 8.625+/-0.046 χ^2/NDF:5582.7/25

Out: 8.456+/-0.046 χ^2/NDF:6722.0/28

All: 8.539+/-0.032 χ^2/NDF: 12311.6/54

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.011+/-0.042 χ^2/NDF: 27.5/2

Left Out: 0.302+/-0.002 χ^2/NDF:1589.8/24

Right Out: 0.865+/-0.034 χ^2/NDF: 3281.1/3

Left In: 0.307+/-0.002 χ^2/NDF:1716.8/22

Left: 0.305+/-0.001 χ^2/NDF: 3309.3/47

Right: 0.531+/-0.027 χ^2/NDF: 3555.8/6

In: 0.306+/-0.002 χ^2/NDF:1792.9/25

Out: 0.304+/-0.002 χ^2/NDF:5144.2/28

All: 0.305+/-0.001 χ^2/NDF: 6937.6/54

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -4.180+/-1.207 χ^2/NDF: 195.5/2

Left Out: -13.133+/-0.094 χ^2/NDF:5974.5/24

Right Out: 21.030+/-0.700 χ^2/NDF: 877.0/3

Left In: -12.823+/-0.095 χ^2/NDF:4841.5/22

Left: -12.979+/-0.067 χ^2/NDF: 10821.3/47

Right: 14.690+/-0.605 χ^2/NDF: 1399.0/6

In: -12.770+/-0.094 χ^2/NDF:5087.9/25

Out: -12.530+/-0.093 χ^2/NDF:9194.2/28

All: -12.648+/-0.066 χ^2/NDF: 14285.4/54

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.296+/-1.511 χ^2/NDF: 25.6/2

Left Out: 7.034+/-0.077 χ^2/NDF:2657.5/24

Right Out: -3.348+/-0.923 χ^2/NDF: 21.4/3

Left In: 6.906+/-0.077 χ^2/NDF:2442.8/22

Left: 6.970+/-0.055 χ^2/NDF: 5101.7/47

Right: -1.542+/-0.788 χ^2/NDF: 61.1/6

In: 6.897+/-0.077 χ^2/NDF:2474.1/25

Out: 6.962+/-0.077 χ^2/NDF:2804.5/28

All: 6.929+/-0.055 χ^2/NDF: 5279.0/54

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -66.822+/-1.017 χ^2/NDF: 132.2/2

Left Out: -40.492+/-0.095 χ^2/NDF:15435.0/24

Right Out: -87.727+/-0.570 χ^2/NDF: 836.6/3

Left In: -40.091+/-0.095 χ^2/NDF:14103.5/22

Left: -40.292+/-0.067 χ^2/NDF: 29547.4/47

Right: -82.732+/-0.497 χ^2/NDF: 1290.7/6

In: -40.323+/-0.095 χ^2/NDF:14921.2/25

Out: -41.766+/-0.094 χ^2/NDF:22962.3/28

All: -41.055+/-0.067 χ^2/NDF: 38000.8/54

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -13.655+/-2.169 χ^2/NDF: 27.2/2

Left Out: -15.254+/-0.086 χ^2/NDF:2594.4/24

Right Out: -4.799+/-1.358 χ^2/NDF: 9.7/3

Left In: -14.919+/-0.087 χ^2/NDF:2207.7/22

Left: -15.088+/-0.061 χ^2/NDF: 4809.7/47

Right: -7.293+/-1.151 χ^2/NDF: 48.8/6

In: -14.917+/-0.086 χ^2/NDF:2235.3/25

Out: -15.213+/-0.086 χ^2/NDF:2663.1/28

All: -15.066+/-0.061 χ^2/NDF: 4904.3/54

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.233+/-0.089 χ^2/NDF: 21.7/2

Left Out: 0.411+/-0.004 χ^2/NDF:428.8/24

Right Out: 1.205+/-0.067 χ^2/NDF: 719.8/3

Left In: 0.409+/-0.004 χ^2/NDF:561.9/22

Left: 0.410+/-0.003 χ^2/NDF: 990.8/47

Right: 0.682+/-0.054 χ^2/NDF: 907.3/6

In: 0.408+/-0.004 χ^2/NDF:635.5/25

Out: 0.414+/-0.004 χ^2/NDF:1287.1/28

All: 0.411+/-0.003 χ^2/NDF: 1923.7/54

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 1.075+/-0.935 χ^2/NDF: 115.7/2

Left Out: 17.393+/-0.087 χ^2/NDF:16305.7/24

Right Out: -3.448+/-0.610 χ^2/NDF: 92.7/3

Left In: 17.271+/-0.088 χ^2/NDF:12892.2/22

Left: 17.333+/-0.062 χ^2/NDF: 29198.9/47

Right: -2.100+/-0.511 χ^2/NDF: 224.8/6

In: 17.127+/-0.088 χ^2/NDF:13305.1/25

Out: 16.975+/-0.086 χ^2/NDF:17544.0/28

All: 17.049+/-0.062 χ^2/NDF: 30850.6/54

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.357+/-1.155 χ^2/NDF: 37.7/2

Left Out: 0.639+/-0.070 χ^2/NDF:8514.9/24

Right Out: 1.162+/-0.827 χ^2/NDF: 77.8/3

Left In: 0.519+/-0.071 χ^2/NDF:6776.8/22

Left: 0.580+/-0.050 χ^2/NDF: 15293.1/47

Right: -0.369+/-0.672 χ^2/NDF: 125.5/6

In: 0.505+/-0.070 χ^2/NDF:6825.7/25

Out: 0.643+/-0.069 χ^2/NDF:8593.0/28

All: 0.575+/-0.049 χ^2/NDF: 15420.7/54

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 51.995+/-0.793 χ^2/NDF: 91.0/2

Left Out: 29.110+/-0.088 χ^2/NDF:18845.8/24

Right Out: 55.137+/-0.501 χ^2/NDF: 51.8/3

Left In: 28.728+/-0.089 χ^2/NDF:17037.4/22

Left: 28.921+/-0.062 χ^2/NDF: 35892.6/47

Right: 54.241+/-0.424 χ^2/NDF: 154.1/6

In: 29.016+/-0.088 χ^2/NDF:17978.3/25

Out: 29.887+/-0.087 χ^2/NDF:21515.9/28

All: 29.460+/-0.062 χ^2/NDF: 39543.9/54

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -22.268+/-1.637 χ^2/NDF: 24.1/2

Left Out: -29.134+/-0.078 χ^2/NDF:8998.0/24

Right Out: -28.261+/-1.214 χ^2/NDF: 79.5/3

Left In: -28.645+/-0.080 χ^2/NDF:6693.5/22

Left: -28.893+/-0.056 χ^2/NDF: 15710.7/47

Right: -26.135+/-0.975 χ^2/NDF: 112.3/6

In: -28.630+/-0.079 χ^2/NDF:6732.8/25

Out: -29.130+/-0.078 χ^2/NDF:9078.1/28

All: -28.884+/-0.056 χ^2/NDF: 15831.1/54

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.680+/-0.064 χ^2/NDF: 36.5/2

Left Out: 0.173+/-0.004 χ^2/NDF:1468.8/24

Right Out: 0.369+/-0.053 χ^2/NDF: 9.8/3

Left In: 0.160+/-0.004 χ^2/NDF:2063.7/22

Left: 0.167+/-0.003 χ^2/NDF: 3539.9/47

Right: 0.495+/-0.041 χ^2/NDF: 60.2/6

In: 0.161+/-0.004 χ^2/NDF:2165.3/25

Out: 0.174+/-0.004 χ^2/NDF:1492.2/28

All: 0.168+/-0.003 χ^2/NDF: 3664.1/54

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.364+/-0.399 χ^2/NDF: 30.3/2

Left Out: 13.181+/-0.075 χ^2/NDF:17039.3/24

Right Out: -0.203+/-0.243 χ^2/NDF: 219.2/3

Left In: 13.228+/-0.077 χ^2/NDF:14126.1/22

Left: 13.204+/-0.054 χ^2/NDF: 31165.6/47

Right: -0.049+/-0.208 χ^2/NDF: 251.0/6

In: 12.770+/-0.075 χ^2/NDF:15159.6/25

Out: 12.009+/-0.072 χ^2/NDF:20019.7/28

All: 12.373+/-0.052 χ^2/NDF: 35232.7/54

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -10.732+/-0.453 χ^2/NDF: 540.8/2

Left Out: 3.372+/-0.059 χ^2/NDF:8053.7/24

Right Out: -4.522+/-0.328 χ^2/NDF: 1197.1/3

Left In: 3.071+/-0.060 χ^2/NDF:7269.0/22

Left: 3.226+/-0.042 χ^2/NDF: 15335.5/47

Right: -6.652+/-0.266 χ^2/NDF: 1861.2/6

In: 2.831+/-0.060 χ^2/NDF:8720.4/25

Out: 3.128+/-0.058 χ^2/NDF:9813.1/28

All: 2.985+/-0.042 χ^2/NDF: 18546.2/54

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 15.017+/-0.349 χ^2/NDF: 59.3/2

Left Out: 4.557+/-0.076 χ^2/NDF:13588.4/24

Right Out: 15.437+/-0.205 χ^2/NDF: 253.0/3

Left In: 4.741+/-0.076 χ^2/NDF:11418.2/22

Left: 4.648+/-0.054 χ^2/NDF: 25009.5/47

Right: 15.329+/-0.177 χ^2/NDF: 313.3/6

In: 5.212+/-0.075 χ^2/NDF:12305.2/25

Out: 5.858+/-0.071 χ^2/NDF:16322.0/28

All: 5.551+/-0.051 χ^2/NDF: 28666.7/54

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -33.835+/-0.608 χ^2/NDF: 261.6/2

Left Out: -54.139+/-0.067 χ^2/NDF:8301.1/24

Right Out: -39.999+/-0.474 χ^2/NDF: 1155.1/3

Left In: -53.330+/-0.068 χ^2/NDF:6940.2/22

Left: -53.745+/-0.048 χ^2/NDF: 15313.2/47

Right: -37.665+/-0.374 χ^2/NDF: 1480.5/6

In: -53.088+/-0.068 χ^2/NDF:8217.3/25

Out: -53.866+/-0.066 χ^2/NDF:10327.1/28

All: -53.488+/-0.047 χ^2/NDF: 18612.1/54

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.479+/-0.021 χ^2/NDF: 61.6/2

Left Out: 0.277+/-0.003 χ^2/NDF:2606.0/24

Right Out: 0.410+/-0.017 χ^2/NDF: 112.3/3

Left In: 0.256+/-0.003 χ^2/NDF:3644.0/22

Left: 0.266+/-0.002 χ^2/NDF: 6273.6/47

Right: 0.438+/-0.013 χ^2/NDF: 180.3/6

In: 0.260+/-0.003 χ^2/NDF:3816.9/25

Out: 0.281+/-0.003 χ^2/NDF:2774.7/28

All: 0.271+/-0.002 χ^2/NDF: 6614.0/54

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 3.243+/-0.604 χ^2/NDF: 106.5/2

Left Out: -0.046+/-0.066 χ^2/NDF:2628.9/24

Right Out: -1.522+/-0.396 χ^2/NDF: 98.9/3

Left In: -0.312+/-0.067 χ^2/NDF:2252.6/22

Left: -0.177+/-0.047 χ^2/NDF: 4889.5/47

Right: -0.090+/-0.331 χ^2/NDF: 248.9/6

In: -0.269+/-0.067 χ^2/NDF:2393.4/25

Out: -0.086+/-0.065 χ^2/NDF:2741.3/28

All: -0.175+/-0.047 χ^2/NDF: 5138.5/54

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 6.009+/-0.738 χ^2/NDF: 152.4/2

Left Out: -2.283+/-0.054 χ^2/NDF:1132.1/24

Right Out: 2.555+/-0.543 χ^2/NDF: 311.3/3

Left In: -2.190+/-0.055 χ^2/NDF:1785.1/22

Left: -2.237+/-0.039 χ^2/NDF: 2918.6/47

Right: 3.766+/-0.437 χ^2/NDF: 478.0/6

In: -2.145+/-0.055 χ^2/NDF:2060.1/25

Out: -2.235+/-0.054 χ^2/NDF:1522.1/28

All: -2.191+/-0.038 χ^2/NDF: 3583.6/54

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 27.964+/-0.513 χ^2/NDF: 75.0/2

Left Out: 20.865+/-0.067 χ^2/NDF:6608.4/24

Right Out: 32.301+/-0.325 χ^2/NDF: 46.1/3

Left In: 20.780+/-0.067 χ^2/NDF:5988.0/22

Left: 20.823+/-0.047 χ^2/NDF: 12597.2/47

Right: 31.058+/-0.274 χ^2/NDF: 172.1/6

In: 20.901+/-0.067 χ^2/NDF:6256.0/25

Out: 21.328+/-0.065 χ^2/NDF:7843.2/28

All: 21.119+/-0.047 χ^2/NDF: 14120.1/54

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 29.011+/-1.063 χ^2/NDF: 103.0/2

Left Out: 40.154+/-0.060 χ^2/NDF:5861.6/24

Right Out: 33.426+/-0.800 χ^2/NDF: 296.2/3

Left In: 39.632+/-0.061 χ^2/NDF:5343.3/22

Left: 39.896+/-0.043 χ^2/NDF: 11241.6/47

Right: 31.827+/-0.639 χ^2/NDF: 410.2/6

In: 39.597+/-0.061 χ^2/NDF:5545.9/25

Out: 40.116+/-0.060 χ^2/NDF:6228.0/28

All: 39.860+/-0.043 χ^2/NDF: 11810.4/54

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.046+/-0.042 χ^2/NDF: 4.4/2

Left Out: -0.255+/-0.003 χ^2/NDF:1417.7/24

Right Out: -0.122+/-0.035 χ^2/NDF: 28.8/3

Left In: -0.239+/-0.003 χ^2/NDF:1750.0/22

Left: -0.247+/-0.002 χ^2/NDF: 3184.5/47

Right: -0.091+/-0.027 χ^2/NDF: 35.1/6

In: -0.238+/-0.003 χ^2/NDF:1774.8/25

Out: -0.254+/-0.003 χ^2/NDF:1461.1/28

All: -0.246+/-0.002 χ^2/NDF: 3252.8/54

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.414+/-0.169 χ^2/NDF: 130.2/2

Left Out: -2.156+/-0.026 χ^2/NDF:24501.3/24

Right Out: 1.176+/-0.099 χ^2/NDF: 548.2/3

Left In: -2.058+/-0.026 χ^2/NDF:23343.8/22

Left: -2.107+/-0.018 χ^2/NDF: 47852.3/47

Right: 0.982+/-0.085 χ^2/NDF: 693.6/6

In: -2.001+/-0.026 χ^2/NDF:23683.6/25

Out: -1.945+/-0.025 χ^2/NDF:26119.9/28

All: -1.972+/-0.018 χ^2/NDF: 49806.0/54

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 11.270+/-0.194 χ^2/NDF: 1234.3/2

Left Out: -0.331+/-0.021 χ^2/NDF:12552.3/24

Right Out: 6.650+/-0.135 χ^2/NDF: 3506.1/3

Left In: -0.255+/-0.021 χ^2/NDF:14162.0/22

Left: -0.293+/-0.015 χ^2/NDF: 26721.1/47

Right: 8.167+/-0.111 χ^2/NDF: 5122.2/6

In: -0.122+/-0.021 χ^2/NDF:18893.7/25

Out: -0.173+/-0.020 χ^2/NDF:18653.4/28

All: -0.148+/-0.015 χ^2/NDF: 37550.0/54

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -6.873+/-0.146 χ^2/NDF: 206.7/2

Left Out: -4.734+/-0.026 χ^2/NDF:13188.7/24

Right Out: -6.881+/-0.082 χ^2/NDF: 527.3/3

Left In: -4.764+/-0.026 χ^2/NDF:14163.2/22

Left: -4.749+/-0.018 χ^2/NDF: 27352.6/47

Right: -6.879+/-0.072 χ^2/NDF: 734.0/6

In: -4.829+/-0.026 χ^2/NDF:14570.8/25

Out: -4.928+/-0.025 χ^2/NDF:14338.3/28

All: -4.880+/-0.018 χ^2/NDF: 28916.9/54

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 3.471+/-0.261 χ^2/NDF: 504.0/2

Left Out: 16.536+/-0.023 χ^2/NDF:53546.9/24

Right Out: 8.424+/-0.194 χ^2/NDF: 2903.6/3

Left In: 16.069+/-0.023 χ^2/NDF:42736.3/22

Left: 16.306+/-0.016 χ^2/NDF: 96483.6/47

Right: 6.654+/-0.156 χ^2/NDF: 3639.5/6

In: 15.968+/-0.023 χ^2/NDF:45556.4/25

Out: 16.422+/-0.023 χ^2/NDF:58166.6/28

All: 16.199+/-0.016 χ^2/NDF: 103915.0/54

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.439+/-0.009 χ^2/NDF: 652.8/2

Left Out: -0.145+/-0.001 χ^2/NDF:3755.1/24

Right Out: -0.191+/-0.007 χ^2/NDF: 678.5/3

Left In: -0.137+/-0.001 χ^2/NDF:5383.4/22

Left: -0.141+/-0.001 χ^2/NDF: 9167.1/47

Right: -0.289+/-0.006 χ^2/NDF: 1779.1/6

In: -0.141+/-0.001 χ^2/NDF:7117.3/25

Out: -0.146+/-0.001 χ^2/NDF:4472.4/28

All: -0.143+/-0.001 χ^2/NDF: 11600.6/54

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -2.810+/-0.727 χ^2/NDF: 264.2/2

Left Out: -11.823+/-0.070 χ^2/NDF:17277.3/24

Right Out: 8.872+/-0.476 χ^2/NDF: 1000.8/3

Left In: -11.580+/-0.071 χ^2/NDF:14243.6/22

Left: -11.703+/-0.050 χ^2/NDF: 31526.7/47

Right: 5.369+/-0.398 χ^2/NDF: 1445.7/6

In: -11.497+/-0.071 χ^2/NDF:14651.8/25

Out: -11.379+/-0.070 χ^2/NDF:20128.6/28

All: -11.437+/-0.050 χ^2/NDF: 34781.9/54

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.863+/-0.166 χ^2/NDF: 403.2/19

Left Out: 3.770+/-0.056 χ^2/NDF:7420.4/24

Right Out: 0.248+/-0.169 χ^2/NDF: 450.8/22

Left In: 3.755+/-0.056 χ^2/NDF:5655.2/22

Left: 3.763+/-0.040 χ^2/NDF: 13075.6/47

Right: 0.561+/-0.118 χ^2/NDF: 860.7/42

In: 3.456+/-0.053 χ^2/NDF:6330.3/42

Out: 3.425+/-0.053 χ^2/NDF:8264.4/47

All: 3.440+/-0.038 χ^2/NDF: 14594.8/90

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -28.192+/-0.269 χ^2/NDF: 1156.2/19

Left Out: -22.540+/-0.071 χ^2/NDF:19751.6/24

Right Out: -34.016+/-0.237 χ^2/NDF: 3063.0/22

Left In: -22.258+/-0.071 χ^2/NDF:17838.4/22

Left: -22.400+/-0.050 χ^2/NDF: 37597.8/47

Right: -31.478+/-0.178 χ^2/NDF: 4483.0/42

In: -22.647+/-0.069 χ^2/NDF:19448.1/42

Out: -23.482+/-0.068 χ^2/NDF:24972.3/47

All: -23.071+/-0.048 χ^2/NDF: 44495.1/90

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 16.265+/-0.189 χ^2/NDF: 7634.1/19

Left Out: 25.216+/-0.063 χ^2/NDF:3738.3/24

Right Out: 15.823+/-0.193 χ^2/NDF: 7600.9/22

Left In: 25.005+/-0.064 χ^2/NDF:2733.7/22

Left: 25.112+/-0.045 χ^2/NDF: 6477.5/47

Right: 16.049+/-0.135 χ^2/NDF: 15237.6/42

In: 24.115+/-0.060 χ^2/NDF:12290.2/42

Out: 24.318+/-0.060 χ^2/NDF:13483.5/47

All: 24.217+/-0.042 χ^2/NDF: 25779.4/90

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.047+/-0.010 χ^2/NDF: 1135.8/19

Left Out: 0.159+/-0.003 χ^2/NDF:1856.8/24

Right Out: -0.102+/-0.010 χ^2/NDF: 2023.2/22

Left In: 0.169+/-0.003 χ^2/NDF:2430.7/22

Left: 0.164+/-0.002 χ^2/NDF: 4293.8/47

Right: -0.075+/-0.007 χ^2/NDF: 3174.0/42

In: 0.153+/-0.003 χ^2/NDF:3990.0/42

Out: 0.139+/-0.003 χ^2/NDF:4505.6/47

All: 0.146+/-0.002 χ^2/NDF: 8507.4/90

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -4.579+/-1.518 χ^2/NDF: 172.3/2

Left Out: -27.447+/-0.137 χ^2/NDF:14820.6/24

Right Out: 17.684+/-0.979 χ^2/NDF: 734.7/3

Left In: -27.114+/-0.139 χ^2/NDF:11443.8/22

Left: -27.283+/-0.097 χ^2/NDF: 26267.3/47

Right: 11.142+/-0.823 χ^2/NDF: 1059.0/6

In: -26.928+/-0.138 χ^2/NDF:11834.8/25

Out: -26.579+/-0.136 χ^2/NDF:17639.6/28

All: -26.751+/-0.097 χ^2/NDF: 29477.6/54

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -2.686+/-0.398 χ^2/NDF: 308.0/19

Left Out: 3.873+/-0.109 χ^2/NDF:6906.0/24

Right Out: -4.837+/-0.406 χ^2/NDF: 369.4/22

Left In: 3.861+/-0.111 χ^2/NDF:5438.4/22

Left: 3.867+/-0.078 χ^2/NDF: 12344.4/47

Right: -3.741+/-0.284 χ^2/NDF: 691.7/42

In: 3.390+/-0.107 χ^2/NDF:5997.3/42

Out: 3.283+/-0.106 χ^2/NDF:7704.3/47

All: 3.336+/-0.075 χ^2/NDF: 13702.1/90

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -67.744+/-0.640 χ^2/NDF: 672.7/19

Left Out: -46.213+/-0.138 χ^2/NDF:19981.0/24

Right Out: -81.188+/-0.549 χ^2/NDF: 2147.5/22

Left In: -45.616+/-0.139 χ^2/NDF:17743.8/22

Left: -45.917+/-0.098 χ^2/NDF: 37734.0/47

Right: -75.491+/-0.416 χ^2/NDF: 3074.7/42

In: -46.616+/-0.136 χ^2/NDF:19558.9/42

Out: -48.298+/-0.134 χ^2/NDF:25950.8/47

All: -47.470+/-0.095 χ^2/NDF: 45587.3/90

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 28.501+/-0.451 χ^2/NDF: 3340.8/19

Left Out: 37.298+/-0.123 χ^2/NDF:3113.0/24

Right Out: 28.493+/-0.465 χ^2/NDF: 3176.0/22

Left In: 37.079+/-0.125 χ^2/NDF:2405.4/22

Left: 37.190+/-0.088 χ^2/NDF: 5519.9/47

Right: 28.497+/-0.324 χ^2/NDF: 6516.8/42

In: 36.469+/-0.120 χ^2/NDF:6082.9/42

Out: 36.721+/-0.119 χ^2/NDF:6624.4/47

All: 36.596+/-0.085 χ^2/NDF: 12709.5/90

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.343+/-0.024 χ^2/NDF: 1053.9/19

Left Out: 0.130+/-0.006 χ^2/NDF:1419.7/24

Right Out: -0.431+/-0.025 χ^2/NDF: 1778.8/22

Left In: 0.149+/-0.006 χ^2/NDF:1813.7/22

Left: 0.139+/-0.004 χ^2/NDF: 3238.6/47

Right: -0.387+/-0.017 χ^2/NDF: 2839.2/42

In: 0.123+/-0.006 χ^2/NDF:3258.1/42

Out: 0.102+/-0.005 χ^2/NDF:3692.5/47

All: 0.113+/-0.004 χ^2/NDF: 6957.3/90

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 0.970+/-0.401 χ^2/NDF: 107.3/2

Left Out: 7.766+/-0.034 χ^2/NDF:11703.8/24

Right Out: -3.713+/-0.244 χ^2/NDF: 359.1/3

Left In: 7.719+/-0.035 χ^2/NDF:8490.5/22

Left: 7.743+/-0.025 χ^2/NDF: 20195.2/47

Right: -2.452+/-0.208 χ^2/NDF: 566.0/6

In: 7.669+/-0.035 χ^2/NDF:8878.7/25

Out: 7.541+/-0.034 χ^2/NDF:14240.9/28

All: 7.604+/-0.024 χ^2/NDF: 23126.4/54

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.839+/-0.113 χ^2/NDF: 295.5/19

Left Out: -0.069+/-0.028 χ^2/NDF:6033.5/24

Right Out: 2.418+/-0.115 χ^2/NDF: 342.4/22

Left In: -0.079+/-0.028 χ^2/NDF:4989.1/22

Left: -0.074+/-0.020 χ^2/NDF: 11022.7/47

Right: 2.124+/-0.081 χ^2/NDF: 650.8/42

In: 0.033+/-0.027 χ^2/NDF:5555.7/42

Out: 0.070+/-0.027 χ^2/NDF:6819.5/47

All: 0.052+/-0.019 χ^2/NDF: 12376.2/90

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 18.831+/-0.180 χ^2/NDF: 617.1/19

Left Out: 11.830+/-0.035 χ^2/NDF:19032.5/24

Right Out: 22.485+/-0.147 χ^2/NDF: 1588.5/22

Left In: 11.683+/-0.035 χ^2/NDF:16927.3/22

Left: 11.757+/-0.025 χ^2/NDF: 35968.6/47

Right: 21.015+/-0.114 χ^2/NDF: 2452.9/42

In: 11.945+/-0.034 χ^2/NDF:19069.1/42

Out: 12.390+/-0.034 χ^2/NDF:25573.5/47

All: 12.172+/-0.024 χ^2/NDF: 44727.7/90

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -4.611+/-0.127 χ^2/NDF: 1606.2/19

Left Out: -6.061+/-0.031 χ^2/NDF:2649.3/24

Right Out: -4.730+/-0.132 χ^2/NDF: 1391.6/22

Left In: -6.050+/-0.032 χ^2/NDF:2303.3/22

Left: -6.055+/-0.022 χ^2/NDF: 4952.7/47

Right: -4.669+/-0.092 χ^2/NDF: 2998.2/42

In: -5.966+/-0.031 χ^2/NDF:4029.6/42

Out: -5.990+/-0.030 χ^2/NDF:4137.7/47

All: -5.978+/-0.022 χ^2/NDF: 8167.6/90

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.145+/-0.007 χ^2/NDF: 1065.5/19

Left Out: 0.014+/-0.001 χ^2/NDF:950.9/24

Right Out: 0.163+/-0.007 χ^2/NDF: 1258.0/22

Left In: 0.010+/-0.001 χ^2/NDF:1224.5/22

Left: 0.012+/-0.001 χ^2/NDF: 2179.5/47

Right: 0.154+/-0.005 χ^2/NDF: 2326.9/42

In: 0.016+/-0.001 χ^2/NDF:2661.4/42

Out: 0.020+/-0.001 χ^2/NDF:2641.8/47

All: 0.018+/-0.001 χ^2/NDF: 5307.8/90

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -3.659+/-1.120 χ^2/NDF: 199.8/2

Left Out: -19.642+/-0.103 χ^2/NDF:15730.6/24

Right Out: 13.354+/-0.730 χ^2/NDF: 835.4/3

Left In: -19.355+/-0.105 χ^2/NDF:12417.1/22

Left: -19.501+/-0.074 χ^2/NDF: 28151.5/47

Right: 8.287+/-0.611 χ^2/NDF: 1197.0/6

In: -19.220+/-0.104 χ^2/NDF:12811.4/25

Out: -18.993+/-0.102 χ^2/NDF:18570.8/28

All: -19.105+/-0.073 χ^2/NDF: 31384.7/54

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -0.896+/-0.284 χ^2/NDF: 326.9/19

Left Out: 3.811+/-0.082 χ^2/NDF:7118.3/24

Right Out: -2.349+/-0.289 χ^2/NDF: 388.9/22

Left In: 3.795+/-0.083 χ^2/NDF:5534.4/22

Left: 3.803+/-0.059 χ^2/NDF: 12652.7/47

Right: -1.609+/-0.203 χ^2/NDF: 728.6/42

In: 3.423+/-0.080 χ^2/NDF:6112.8/42

Out: 3.350+/-0.079 χ^2/NDF:7926.7/47

All: 3.386+/-0.056 χ^2/NDF: 14039.9/90

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -48.413+/-0.458 χ^2/NDF: 760.5/19

Left Out: -34.389+/-0.104 χ^2/NDF:20032.2/24

Right Out: -58.040+/-0.396 χ^2/NDF: 2368.4/22

Left In: -33.946+/-0.105 χ^2/NDF:17855.4/22

Left: -34.169+/-0.074 χ^2/NDF: 37896.7/47

Right: -53.916+/-0.299 χ^2/NDF: 3381.9/42

In: -34.668+/-0.102 χ^2/NDF:19565.8/42

Out: -35.917+/-0.101 χ^2/NDF:25735.0/47

All: -35.302+/-0.072 χ^2/NDF: 45376.6/90

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 23.096+/-0.322 χ^2/NDF: 4359.3/19

Left Out: 31.252+/-0.093 χ^2/NDF:3305.3/24

Right Out: 22.891+/-0.331 χ^2/NDF: 4222.4/22

Left In: 31.040+/-0.094 χ^2/NDF:2488.6/22

Left: 31.147+/-0.066 χ^2/NDF: 5796.5/47

Right: 22.996+/-0.231 χ^2/NDF: 8581.9/42

In: 30.417+/-0.090 χ^2/NDF:7410.0/42

Out: 30.646+/-0.089 χ^2/NDF:8119.7/47

All: 30.532+/-0.063 χ^2/NDF: 15533.0/90

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -0.197+/-0.017 χ^2/NDF: 1060.2/19

Left Out: 0.145+/-0.004 χ^2/NDF:1572.6/24

Right Out: -0.268+/-0.017 χ^2/NDF: 1885.7/22

Left In: 0.159+/-0.004 χ^2/NDF:2020.5/22

Left: 0.152+/-0.003 χ^2/NDF: 3598.6/47

Right: -0.232+/-0.012 χ^2/NDF: 2954.2/42

In: 0.138+/-0.004 χ^2/NDF:3480.7/42

Out: 0.122+/-0.004 χ^2/NDF:3985.7/47

All: 0.130+/-0.003 χ^2/NDF: 7474.3/90

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -4.751+/-1.536 χ^2/NDF: 37.8/2

Left Out: -8.375+/-0.500 χ^2/NDF:2224.0/24

Right Out: 6.365+/-0.921 χ^2/NDF: 561.0/3

Left In: -8.995+/-0.505 χ^2/NDF:2308.2/22

Left: -8.682+/-0.355 χ^2/NDF: 4533.0/47

Right: 3.427+/-0.790 χ^2/NDF: 637.3/6

In: -8.581+/-0.480 χ^2/NDF:2352.9/25

Out: -5.015+/-0.440 χ^2/NDF:2982.9/28

All: -6.643+/-0.324 χ^2/NDF: 5365.8/54

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 14.455+/-0.778 χ^2/NDF: 565.9/19

Left Out: 4.494+/-0.393 χ^2/NDF:372.1/24

Right Out: 13.319+/-0.721 χ^2/NDF: 380.5/22

Left In: 5.699+/-0.403 χ^2/NDF:329.1/22

Left: 5.081+/-0.281 χ^2/NDF: 705.8/47

Right: 13.844+/-0.529 χ^2/NDF: 947.5/42

In: 7.554+/-0.358 χ^2/NDF:994.9/42

Out: 6.515+/-0.345 χ^2/NDF:868.2/47

All: 7.015+/-0.248 χ^2/NDF: 1867.5/90

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 53.941+/-1.010 χ^2/NDF: 2316.3/19

Left Out: 43.840+/-0.499 χ^2/NDF:3680.9/24

Right Out: 39.164+/-0.688 χ^2/NDF: 4158.0/22

Left In: 45.559+/-0.502 χ^2/NDF:3152.4/22

Left: 44.693+/-0.354 χ^2/NDF: 6839.2/47

Right: 43.847+/-0.569 χ^2/NDF: 6620.4/42

In: 47.221+/-0.450 χ^2/NDF:5523.9/42

Out: 42.229+/-0.404 χ^2/NDF:7869.1/47

All: 44.457+/-0.301 χ^2/NDF: 13461.2/90

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -30.664+/-0.918 χ^2/NDF: 555.6/19

Left Out: -10.267+/-0.445 χ^2/NDF:553.7/24

Right Out: -29.981+/-0.890 χ^2/NDF: 454.5/22

Left In: -11.875+/-0.455 χ^2/NDF:668.4/22

Left: -11.053+/-0.318 χ^2/NDF: 1228.5/47

Right: -30.312+/-0.639 χ^2/NDF: 1010.4/42

In: -15.577+/-0.408 χ^2/NDF:1560.3/42

Out: -14.206+/-0.398 χ^2/NDF:1400.4/47

All: -14.875+/-0.285 χ^2/NDF: 2966.6/90

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -7.243+/-0.053 χ^2/NDF: 580620.9/19

Left Out: -17.411+/-0.020 χ^2/NDF:320231.3/24

Right Out: -9.223+/-0.051 χ^2/NDF: 574122.4/22

Left In: -17.552+/-0.021 χ^2/NDF:261900.3/22

Left: -17.481+/-0.015 χ^2/NDF: 582155.3/47

Right: -8.266+/-0.037 χ^2/NDF: 1155474.9/42

In: -16.182+/-0.019 χ^2/NDF:875839.2/42

Out: -16.274+/-0.019 χ^2/NDF:916652.0/47

All: -16.229+/-0.013 χ^2/NDF: 1792503.0/90

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -486.571+/-5.824 χ^2/NDF: 340.3/2

Left Out: -398.556+/-1.962 χ^2/NDF:5659.5/24

Right Out: -547.713+/-3.681 χ^2/NDF: 880.1/3

Left In: -417.080+/-1.997 χ^2/NDF:3958.5/22

Left: -407.653+/-1.399 χ^2/NDF: 9661.9/47

Right: -530.256+/-3.112 χ^2/NDF: 1299.1/6

In: -424.390+/-1.889 χ^2/NDF:4426.2/25

Out: -431.538+/-1.731 χ^2/NDF:7818.2/28

All: -428.275+/-1.276 χ^2/NDF: 12252.2/54

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 0.479+/-1.828 χ^2/NDF: 395.3/19

Left Out: 0.697+/-1.510 χ^2/NDF:349.9/24

Right Out: 9.025+/-1.789 χ^2/NDF: 431.2/22

Left In: -0.052+/-1.571 χ^2/NDF:264.1/22

Left: 0.337+/-1.089 χ^2/NDF: 614.1/47

Right: 4.846+/-1.279 χ^2/NDF: 837.7/42

In: 0.174+/-1.192 χ^2/NDF:659.4/42

Out: 4.163+/-1.154 χ^2/NDF:793.8/47

All: 2.232+/-0.829 χ^2/NDF: 1459.0/90

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 456.291+/-2.914 χ^2/NDF: 2153.1/19

Left Out: 342.368+/-1.970 χ^2/NDF:5181.7/24

Right Out: 466.878+/-2.287 χ^2/NDF: 3139.8/22

Left In: 360.355+/-1.996 χ^2/NDF:3449.9/22

Left: 351.245+/-1.402 χ^2/NDF: 8672.8/47

Right: 462.843+/-1.799 χ^2/NDF: 5301.1/42

In: 390.987+/-1.646 χ^2/NDF:6341.0/42

Out: 395.399+/-1.492 χ^2/NDF:10023.2/47

All: 393.409+/-1.106 χ^2/NDF: 16368.2/90

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 114.574+/-2.145 χ^2/NDF: 751.7/19

Left Out: 132.762+/-1.736 χ^2/NDF:749.6/24

Right Out: 104.746+/-2.114 χ^2/NDF: 633.3/22

Left In: 139.828+/-1.790 χ^2/NDF:321.7/22

Left: 136.187+/-1.246 χ^2/NDF: 1079.3/47

Right: 109.588+/-1.506 χ^2/NDF: 1395.7/42

In: 129.463+/-1.374 χ^2/NDF:1155.1/42

Out: 121.481+/-1.341 χ^2/NDF:1487.8/47

All: 125.376+/-0.960 χ^2/NDF: 2660.2/90

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -220.359+/-0.129 χ^2/NDF: 154553.7/19

Left Out: -257.067+/-0.082 χ^2/NDF:665762.3/24

Right Out: -218.678+/-0.122 χ^2/NDF: 132670.2/22

Left In: -268.305+/-0.083 χ^2/NDF:264853.3/22

Left: -262.619+/-0.059 χ^2/NDF: 939831.3/47

Right: -219.469+/-0.089 χ^2/NDF: 287313.6/42

In: -254.221+/-0.070 χ^2/NDF:516801.2/42

Out: -245.033+/-0.068 χ^2/NDF:866677.0/47

All: -249.507+/-0.049 χ^2/NDF: 1392323.9/90

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -118.353+/-2.165 χ^2/NDF: 205.8/2

Left Out: -50.802+/-0.574 χ^2/NDF:752.7/24

Right Out: -83.826+/-1.119 χ^2/NDF: 2708.2/3

Left In: -49.728+/-0.581 χ^2/NDF:601.0/22

Left: -50.272+/-0.408 χ^2/NDF: 1355.3/47

Right: -91.109+/-0.994 χ^2/NDF: 3114.7/6

In: -54.345+/-0.562 χ^2/NDF:1743.8/25

Out: -57.674+/-0.511 χ^2/NDF:4150.0/28

All: -56.167+/-0.378 χ^2/NDF: 5913.1/54

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 18.002+/-0.858 χ^2/NDF: 231.4/19

Left Out: 9.483+/-0.447 χ^2/NDF:133.0/24

Right Out: 14.999+/-0.735 χ^2/NDF: 286.6/22

Left In: 9.289+/-0.461 χ^2/NDF:125.6/22

Left: 9.389+/-0.321 χ^2/NDF: 258.8/47

Right: 16.270+/-0.558 χ^2/NDF: 525.1/42

In: 11.237+/-0.406 χ^2/NDF:437.1/42

Out: 10.971+/-0.382 χ^2/NDF:460.8/47

All: 11.096+/-0.278 χ^2/NDF: 898.1/90

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 55.259+/-1.232 χ^2/NDF: 582.6/19

Left Out: -7.007+/-0.572 χ^2/NDF:899.2/24

Right Out: 38.356+/-0.806 χ^2/NDF: 2780.7/22

Left In: -8.158+/-0.578 χ^2/NDF:753.9/22

Left: -7.577+/-0.406 χ^2/NDF: 1655.2/47

Right: 43.422+/-0.674 χ^2/NDF: 3495.2/42

In: 3.274+/-0.523 χ^2/NDF:3509.2/42

Out: 8.187+/-0.466 χ^2/NDF:5787.1/47

All: 6.011+/-0.348 χ^2/NDF: 9345.4/90

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -31.525+/-0.997 χ^2/NDF: 354.8/19

Left Out: -16.727+/-0.508 χ^2/NDF:223.3/24

Right Out: -27.765+/-0.882 χ^2/NDF: 599.8/22

Left In: -17.100+/-0.520 χ^2/NDF:328.1/22

Left: -16.909+/-0.363 χ^2/NDF: 551.7/47

Right: -29.416+/-0.661 χ^2/NDF: 962.6/42

In: -20.189+/-0.461 χ^2/NDF:847.3/42

Out: -19.474+/-0.440 χ^2/NDF:940.7/47

All: -19.815+/-0.318 χ^2/NDF: 1789.3/90

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -25.226+/-0.055 χ^2/NDF: 84279.9/19

Left Out: -19.915+/-0.023 χ^2/NDF:141090.6/24

Right Out: -17.140+/-0.045 χ^2/NDF: 174546.9/22

Left In: -19.068+/-0.024 χ^2/NDF:92702.3/22

Left: -19.496+/-0.017 χ^2/NDF: 234444.5/47

Right: -20.398+/-0.035 χ^2/NDF: 271858.1/42

In: -20.032+/-0.022 χ^2/NDF:187658.4/42

Out: -19.326+/-0.021 χ^2/NDF:318638.6/47

All: -19.663+/-0.015 χ^2/NDF: 506851.8/90

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -611.890+/-6.887 χ^2/NDF: 300.7/2

Left Out: -391.476+/-1.973 χ^2/NDF:2708.6/24

Right Out: -606.323+/-4.010 χ^2/NDF: 3258.9/3

Left In: -393.904+/-1.998 χ^2/NDF:2280.8/22

Left: -392.674+/-1.404 χ^2/NDF: 4990.1/47

Right: -607.732+/-3.465 χ^2/NDF: 3560.1/6

In: -410.825+/-1.919 χ^2/NDF:3505.6/25

Out: -433.338+/-1.770 χ^2/NDF:8279.1/28

All: -422.988+/-1.301 χ^2/NDF: 11859.1/54

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -8.161+/-2.653 χ^2/NDF: 497.0/19

Left Out: -4.635+/-1.467 χ^2/NDF:771.4/24

Right Out: 5.250+/-2.333 χ^2/NDF: 573.9/22

Left In: -5.906+/-1.513 χ^2/NDF:657.5/22

Left: -5.251+/-1.053 χ^2/NDF: 1429.3/47

Right: -0.597+/-1.752 χ^2/NDF: 1085.3/42

In: -6.459+/-1.314 χ^2/NDF:1155.1/42

Out: -1.833+/-1.242 χ^2/NDF:1358.2/47

All: -4.015+/-0.903 χ^2/NDF: 2519.8/90

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 692.105+/-3.778 χ^2/NDF: 2973.6/19

Left Out: 496.535+/-1.971 χ^2/NDF:2589.1/24

Right Out: 677.247+/-2.698 χ^2/NDF: 7676.6/22

Left In: 496.393+/-1.985 χ^2/NDF:2295.8/22

Left: 496.465+/-1.399 χ^2/NDF: 4884.9/47

Right: 682.265+/-2.196 χ^2/NDF: 10660.4/42

In: 538.740+/-1.758 χ^2/NDF:7371.8/42

Out: 559.415+/-1.592 χ^2/NDF:13190.3/47

All: 550.099+/-1.180 χ^2/NDF: 20638.1/90

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 166.359+/-3.108 χ^2/NDF: 775.7/19

Left Out: 141.430+/-1.704 χ^2/NDF:957.7/24

Right Out: 133.047+/-2.813 χ^2/NDF: 918.7/22

Left In: 141.248+/-1.744 χ^2/NDF:744.2/22

Left: 141.341+/-1.219 χ^2/NDF: 1701.9/47

Right: 148.049+/-2.086 χ^2/NDF: 1757.6/42

In: 147.261+/-1.521 χ^2/NDF:1569.6/42

Out: 139.180+/-1.458 χ^2/NDF:1883.0/47

All: 143.049+/-1.052 χ^2/NDF: 3467.2/90

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -241.976+/-0.154 χ^2/NDF: 174997.8/19

Left Out: -263.734+/-0.081 χ^2/NDF:37922.0/24

Right Out: -206.826+/-0.136 χ^2/NDF: 406757.6/22

Left In: -261.325+/-0.082 χ^2/NDF:23449.2/22

Left: -262.533+/-0.058 χ^2/NDF: 61807.4/47

Right: -222.199+/-0.102 χ^2/NDF: 611053.4/42

In: -257.081+/-0.072 χ^2/NDF:210766.1/42

Out: -248.674+/-0.070 χ^2/NDF:573808.5/47

All: -252.743+/-0.050 χ^2/NDF: 791583.2/90

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -247.165+/-3.048 χ^2/NDF: 342.3/2

Left Out: -201.261+/-1.065 χ^2/NDF:6110.1/24

Right Out: -272.741+/-1.896 χ^2/NDF: 884.1/3

Left In: -208.981+/-1.078 χ^2/NDF:4865.2/22

Left: -205.075+/-0.758 χ^2/NDF: 11001.2/47

Right: -265.608+/-1.610 χ^2/NDF: 1277.3/6

In: -213.226+/-1.016 χ^2/NDF:5347.0/25

Out: -218.418+/-0.929 χ^2/NDF:8074.5/28

All: -216.055+/-0.686 χ^2/NDF: 13435.8/54

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 7.030+/-1.048 χ^2/NDF: 363.7/19

Left Out: 2.841+/-0.824 χ^2/NDF:420.6/24

Right Out: 9.378+/-0.985 χ^2/NDF: 326.0/22

Left In: 3.208+/-0.854 χ^2/NDF:323.8/22

Left: 3.018+/-0.593 χ^2/NDF: 744.6/47

Right: 8.275+/-0.718 χ^2/NDF: 692.4/42

In: 4.735+/-0.662 χ^2/NDF:695.5/42

Out: 5.530+/-0.632 χ^2/NDF:772.5/47

All: 5.151+/-0.457 χ^2/NDF: 1468.8/90

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 212.280+/-1.560 χ^2/NDF: 7246.2/19

Left Out: 189.453+/-1.070 χ^2/NDF:6649.7/24

Right Out: 226.675+/-1.203 χ^2/NDF: 9637.6/22

Left In: 198.762+/-1.078 χ^2/NDF:4590.0/22

Left: 194.072+/-0.759 χ^2/NDF: 11277.3/47

Right: 221.305+/-0.953 χ^2/NDF: 16937.1/42

In: 203.129+/-0.887 χ^2/NDF:11887.0/42

Out: 205.882+/-0.799 χ^2/NDF:16821.7/47

All: 204.648+/-0.594 χ^2/NDF: 28714.0/90

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 39.088+/-1.235 χ^2/NDF: 750.0/19

Left Out: 60.287+/-0.945 χ^2/NDF:714.8/24

Right Out: 31.984+/-1.187 χ^2/NDF: 568.2/22

Left In: 62.290+/-0.971 χ^2/NDF:411.6/22

Left: 61.261+/-0.677 χ^2/NDF: 1128.6/47

Right: 35.396+/-0.856 χ^2/NDF: 1335.4/42

In: 53.421+/-0.763 χ^2/NDF:1379.8/42

Out: 49.305+/-0.739 χ^2/NDF:1631.0/47

All: 51.297+/-0.531 χ^2/NDF: 3025.8/90

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -63.000+/-0.059 χ^2/NDF: 1195107.8/19

Left Out: -135.775+/-0.045 χ^2/NDF:742021.1/24

Right Out: -62.374+/-0.057 χ^2/NDF: 1159656.8/22

Left In: -141.259+/-0.045 χ^2/NDF:350045.9/22

Left: -138.491+/-0.032 χ^2/NDF: 1099530.1/47

Right: -62.675+/-0.041 χ^2/NDF: 2354822.3/42

In: -112.633+/-0.036 χ^2/NDF:2646234.1/42

Out: -107.942+/-0.035 χ^2/NDF:2925406.2/47

All: -110.240+/-0.025 χ^2/NDF: 5580338.6/90

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 240.604+/-2.976 χ^2/NDF: 288.5/2

Left Out: 198.637+/-0.966 χ^2/NDF:4146.6/24

Right Out: 272.576+/-1.893 χ^2/NDF: 841.8/3

Left In: 207.171+/-0.986 χ^2/NDF:2631.6/22

Left: 202.817+/-0.690 χ^2/NDF: 6816.4/47

Right: 263.363+/-1.597 χ^2/NDF: 1212.5/6

In: 210.479+/-0.936 χ^2/NDF:3033.8/25

Out: 213.914+/-0.861 χ^2/NDF:6198.5/28

All: 212.340+/-0.633 χ^2/NDF: 9239.6/54

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 10.900+/-0.893 χ^2/NDF: 427.3/19

Left Out: 2.595+/-0.744 χ^2/NDF:274.3/24

Right Out: 6.277+/-0.862 χ^2/NDF: 529.6/22

Left In: 3.478+/-0.772 χ^2/NDF:194.7/22

Left: 3.020+/-0.536 χ^2/NDF: 469.7/47

Right: 8.507+/-0.620 χ^2/NDF: 970.7/42

In: 6.653+/-0.584 χ^2/NDF:661.5/42

Out: 4.167+/-0.563 χ^2/NDF:814.3/47

All: 5.365+/-0.405 χ^2/NDF: 1485.2/90

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -196.603+/-1.449 χ^2/NDF: 1003.8/19

Left Out: -153.649+/-0.970 χ^2/NDF:2930.9/24

Right Out: -200.198+/-1.144 χ^2/NDF: 2645.2/22

Left In: -160.279+/-0.985 χ^2/NDF:2049.4/22

Left: -156.913+/-0.691 χ^2/NDF: 5003.3/47

Right: -198.818+/-0.898 χ^2/NDF: 3652.8/42

In: -171.756+/-0.815 χ^2/NDF:3483.0/42

Out: -173.116+/-0.740 χ^2/NDF:6539.5/47

All: -172.502+/-0.548 χ^2/NDF: 10024.0/90

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -75.954+/-1.044 χ^2/NDF: 743.6/19

Left Out: -73.741+/-0.855 χ^2/NDF:728.3/24

Right Out: -69.574+/-1.015 χ^2/NDF: 732.0/22

Left In: -77.545+/-0.880 χ^2/NDF:252.7/22

Left: -75.587+/-0.613 χ^2/NDF: 990.6/47

Right: -72.672+/-0.728 χ^2/NDF: 1494.7/42

In: -76.885+/-0.673 χ^2/NDF:997.7/42

Out: -72.012+/-0.654 χ^2/NDF:1470.1/47

All: -74.377+/-0.469 χ^2/NDF: 2494.8/90

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 105.532+/-0.067 χ^2/NDF: 284876.7/19

Left Out: 122.046+/-0.040 χ^2/NDF:437985.3/24

Right Out: 90.287+/-0.060 χ^2/NDF: 479156.2/22

Left In: 126.605+/-0.041 χ^2/NDF:164757.9/22

Left: 124.300+/-0.029 χ^2/NDF: 609027.6/47

Right: 97.078+/-0.045 χ^2/NDF: 792945.3/42

In: 120.857+/-0.035 χ^2/NDF:522082.0/42

Out: 112.092+/-0.034 χ^2/NDF:1110543.5/47

All: 116.299+/-0.024 χ^2/NDF: 1665479.9/90

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -362.957+/-3.957 χ^2/NDF: 354.7/2

Left Out: -221.606+/-1.087 χ^2/NDF:2565.8/24

Right Out: -350.040+/-2.270 χ^2/NDF: 3836.3/3

Left In: -221.980+/-1.098 χ^2/NDF:2190.6/22

Left: -221.791+/-0.773 χ^2/NDF: 4756.5/47

Right: -353.238+/-1.969 χ^2/NDF: 4199.0/6

In: -232.059+/-1.058 χ^2/NDF:3723.7/25

Out: -245.579+/-0.981 χ^2/NDF:9006.6/28

All: -239.333+/-0.719 χ^2/NDF: 12818.1/54

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 3.049+/-1.449 χ^2/NDF: 335.8/19

Left Out: 2.800+/-0.810 χ^2/NDF:685.5/24

Right Out: 8.048+/-1.263 χ^2/NDF: 375.3/22

Left In: 2.050+/-0.833 χ^2/NDF:592.6/22

Left: 2.436+/-0.581 χ^2/NDF: 1278.5/47

Right: 5.890+/-0.952 χ^2/NDF: 717.9/42

In: 2.298+/-0.722 χ^2/NDF:928.7/42

Out: 4.327+/-0.682 χ^2/NDF:1073.1/47

All: 3.371+/-0.496 χ^2/NDF: 2006.0/90

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 377.685+/-2.116 χ^2/NDF: 2857.3/19

Left Out: 244.716+/-1.085 χ^2/NDF:2565.7/24

Right Out: 359.576+/-1.504 χ^2/NDF: 8050.2/22

Left In: 243.933+/-1.090 χ^2/NDF:2294.8/22

Left: 244.327+/-0.769 χ^2/NDF: 4860.7/47

Right: 365.654+/-1.226 χ^2/NDF: 10956.1/42

In: 271.994+/-0.969 χ^2/NDF:8310.7/42

Out: 284.018+/-0.880 χ^2/NDF:14453.8/47

All: 278.586+/-0.651 χ^2/NDF: 22848.9/90

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 67.297+/-1.695 χ^2/NDF: 504.8/19

Left Out: 61.575+/-0.939 χ^2/NDF:870.3/24

Right Out: 53.987+/-1.518 χ^2/NDF: 584.4/22

Left In: 61.286+/-0.959 χ^2/NDF:702.8/22

Left: 61.434+/-0.671 χ^2/NDF: 1573.1/47

Right: 59.910+/-1.131 χ^2/NDF: 1123.4/42

In: 62.743+/-0.835 χ^2/NDF:1217.1/42

Out: 59.475+/-0.798 χ^2/NDF:1472.7/47

All: 61.037+/-0.577 χ^2/NDF: 2697.8/90

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -130.270+/-0.086 χ^2/NDF: 185041.5/19

Left Out: -141.811+/-0.045 χ^2/NDF:77727.6/24

Right Out: -107.683+/-0.075 χ^2/NDF: 462553.4/22

Left In: -140.112+/-0.045 χ^2/NDF:48400.6/22

Left: -140.962+/-0.032 χ^2/NDF: 126846.5/47

Right: -117.376+/-0.056 χ^2/NDF: 686912.9/42

In: -138.012+/-0.040 χ^2/NDF:243727.7/42

Out: -132.767+/-0.038 χ^2/NDF:694017.4/47

All: -135.299+/-0.028 χ^2/NDF: 946744.7/90

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 244.404+/-3.244 χ^2/NDF: 221.3/2

Left Out: 167.868+/-0.973 χ^2/NDF:2465.4/24

Right Out: 248.627+/-1.898 χ^2/NDF: 2386.2/3

Left In: 170.487+/-0.991 χ^2/NDF:2036.5/22

Left: 169.154+/-0.695 χ^2/NDF: 4505.5/47

Right: 247.550+/-1.638 χ^2/NDF: 2608.8/6

In: 176.798+/-0.948 χ^2/NDF:2732.6/25

Out: 184.683+/-0.866 χ^2/NDF:6284.7/28

All: 181.095+/-0.639 χ^2/NDF: 9055.0/54

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 13.415+/-1.396 χ^2/NDF: 595.9/19

Left Out: 8.415+/-0.731 χ^2/NDF:750.6/24

Right Out: 3.659+/-1.212 χ^2/NDF: 713.7/22

Left In: 8.730+/-0.757 χ^2/NDF:630.1/22

Left: 8.567+/-0.526 χ^2/NDF: 1380.7/47

Right: 7.853+/-0.915 χ^2/NDF: 1337.5/42

In: 9.794+/-0.665 χ^2/NDF:1234.7/42

Out: 7.146+/-0.626 χ^2/NDF:1475.6/47

All: 8.390+/-0.456 χ^2/NDF: 2718.7/90

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -323.917+/-1.893 χ^2/NDF: 2126.9/19

Left Out: -249.759+/-0.975 χ^2/NDF:2232.5/24

Right Out: -316.304+/-1.321 χ^2/NDF: 6373.9/22

Left In: -251.002+/-0.987 χ^2/NDF:1958.3/22

Left: -250.374+/-0.694 χ^2/NDF: 4191.7/47

Right: -318.797+/-1.083 χ^2/NDF: 8511.7/42

In: -266.577+/-0.875 χ^2/NDF:5251.6/42

Out: -273.227+/-0.785 χ^2/NDF:10248.7/47

All: -270.263+/-0.584 χ^2/NDF: 15532.3/90

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -99.046+/-1.632 χ^2/NDF: 939.8/19

Left Out: -80.981+/-0.846 χ^2/NDF:911.2/24

Right Out: -79.901+/-1.464 χ^2/NDF: 1268.3/22

Left In: -80.803+/-0.870 χ^2/NDF:695.4/22

Left: -80.895+/-0.606 χ^2/NDF: 1606.6/47

Right: -88.437+/-1.090 χ^2/NDF: 2284.5/42

In: -84.839+/-0.767 χ^2/NDF:1732.6/42

Out: -80.710+/-0.733 χ^2/NDF:2180.0/47

All: -82.679+/-0.530 χ^2/NDF: 3927.7/90

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 109.379+/-0.081 χ^2/NDF: 74676.6/19

Left Out: 121.248+/-0.040 χ^2/NDF:4820.1/24

Right Out: 90.651+/-0.070 χ^2/NDF: 313290.0/22

Left In: 120.834+/-0.041 χ^2/NDF:3372.4/22

Left: 121.043+/-0.029 χ^2/NDF: 8245.1/47

Right: 98.647+/-0.053 χ^2/NDF: 418621.4/42

In: 118.541+/-0.036 χ^2/NDF:94054.6/42

Out: 113.636+/-0.035 χ^2/NDF:462082.9/47

All: 115.994+/-0.025 χ^2/NDF: 565652.5/90

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -62.949+/-1.276 χ^2/NDF: 230.8/2

Left Out: -29.182+/-0.389 χ^2/NDF:1880.4/24

Right Out: -44.426+/-0.719 χ^2/NDF: 2360.6/3

Left In: -29.073+/-0.394 χ^2/NDF:1872.4/22

Left: -29.128+/-0.277 χ^2/NDF: 3752.8/47

Right: -48.894+/-0.627 χ^2/NDF: 2751.4/6

In: -32.020+/-0.376 χ^2/NDF:2747.0/25

Out: -32.634+/-0.342 χ^2/NDF:4588.4/28

All: -32.356+/-0.253 χ^2/NDF: 7336.8/54

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 17.640+/-0.597 χ^2/NDF: 684.6/19

Left Out: 6.943+/-0.304 χ^2/NDF:322.6/24

Right Out: 15.213+/-0.529 χ^2/NDF: 568.3/22

Left In: 7.666+/-0.313 χ^2/NDF:341.1/22

Left: 7.294+/-0.218 χ^2/NDF: 666.5/47

Right: 16.279+/-0.396 χ^2/NDF: 1262.1/42

In: 9.812+/-0.277 χ^2/NDF:1244.5/42

Out: 8.995+/-0.263 χ^2/NDF:1074.9/47

All: 9.383+/-0.191 χ^2/NDF: 2324.1/90

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 61.087+/-0.807 χ^2/NDF: 1614.1/19

Left Out: 17.841+/-0.388 χ^2/NDF:2399.7/24

Right Out: 41.350+/-0.529 χ^2/NDF: 5984.1/22

Left In: 18.416+/-0.391 χ^2/NDF:2468.4/22

Left: 18.126+/-0.275 χ^2/NDF: 4869.1/47

Right: 47.283+/-0.442 χ^2/NDF: 8016.9/42

In: 26.541+/-0.352 χ^2/NDF:6347.4/42

Out: 26.062+/-0.313 χ^2/NDF:9668.8/47

All: 26.273+/-0.234 χ^2/NDF: 16017.2/90

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -31.720+/-0.701 χ^2/NDF: 855.3/19

Left Out: -13.535+/-0.345 χ^2/NDF:574.6/24

Right Out: -29.755+/-0.648 χ^2/NDF: 963.4/22

Left In: -14.815+/-0.353 χ^2/NDF:838.2/22

Left: -14.159+/-0.247 χ^2/NDF: 1419.5/47

Right: -30.661+/-0.476 χ^2/NDF: 1823.0/42

In: -18.237+/-0.315 χ^2/NDF:2157.5/42

Out: -17.108+/-0.304 χ^2/NDF:2025.8/47

All: -17.653+/-0.219 χ^2/NDF: 4189.9/90

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -18.092+/-0.040 χ^2/NDF: 487325.7/19

Left Out: -18.337+/-0.016 χ^2/NDF:283793.3/24

Right Out: -18.695+/-0.038 χ^2/NDF: 458222.9/22

Left In: -18.135+/-0.016 χ^2/NDF:245650.3/22

Left: -18.237+/-0.011 χ^2/NDF: 529524.6/47

Right: -18.412+/-0.028 χ^2/NDF: 945668.1/42

In: -18.129+/-0.015 χ^2/NDF:732977.0/42

Out: -18.391+/-0.015 χ^2/NDF:742092.4/47

All: -18.262+/-0.010 χ^2/NDF: 1475227.5/90

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 58.203+/-1.383 χ^2/NDF: 56.5/2

Left Out: 20.485+/-0.374 χ^2/NDF:615.7/24

Right Out: 55.002+/-0.799 χ^2/NDF: 562.2/3

Left In: 19.612+/-0.379 χ^2/NDF:572.7/22

Left: 20.054+/-0.266 χ^2/NDF: 1191.1/47

Right: 55.804+/-0.692 χ^2/NDF: 622.8/6

In: 22.304+/-0.365 χ^2/NDF:1353.9/25

Out: 26.673+/-0.338 χ^2/NDF:2707.8/28

All: 24.654+/-0.248 χ^2/NDF: 4138.7/54

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -1.184+/-0.611 χ^2/NDF: 136.5/19

Left Out: -2.429+/-0.293 χ^2/NDF:103.7/24

Right Out: -0.978+/-0.556 χ^2/NDF: 88.8/22

Left In: -1.791+/-0.301 χ^2/NDF:70.1/22

Left: -2.119+/-0.210 χ^2/NDF: 176.1/47

Right: -1.071+/-0.411 χ^2/NDF: 225.3/42

In: -1.672+/-0.270 χ^2/NDF:207.3/42

Out: -2.114+/-0.259 χ^2/NDF:197.9/47

All: -1.903+/-0.187 χ^2/NDF: 406.6/90

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 2.148+/-0.849 χ^2/NDF: 1276.5/19

Left Out: 26.164+/-0.373 χ^2/NDF:1577.6/24

Right Out: -1.604+/-0.581 χ^2/NDF: 2365.6/22

Left In: 27.725+/-0.377 χ^2/NDF:805.1/22

Left: 26.936+/-0.265 χ^2/NDF: 2391.3/47

Right: -0.408+/-0.479 χ^2/NDF: 3655.4/42

In: 23.517+/-0.344 χ^2/NDF:2840.1/42

Out: 18.057+/-0.314 χ^2/NDF:5562.6/47

All: 20.534+/-0.232 χ^2/NDF: 8540.1/90

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -0.154+/-0.712 χ^2/NDF: 81.5/19

Left Out: 3.275+/-0.332 χ^2/NDF:101.8/24

Right Out: -0.834+/-0.674 χ^2/NDF: 70.7/22

Left In: 2.777+/-0.340 χ^2/NDF:66.5/22

Left: 3.032+/-0.238 χ^2/NDF: 169.4/47

Right: -0.512+/-0.489 χ^2/NDF: 152.7/42

In: 2.231+/-0.307 χ^2/NDF:161.9/42

Out: 2.472+/-0.298 χ^2/NDF:202.5/47

All: 2.355+/-0.214 χ^2/NDF: 364.6/90

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 10.441+/-0.040 χ^2/NDF: 383564.7/19

Left Out: 0.898+/-0.015 χ^2/NDF:108195.0/24

Right Out: 7.426+/-0.039 χ^2/NDF: 561213.5/22

Left In: 0.448+/-0.015 χ^2/NDF:50533.6/22

Left: 0.675+/-0.011 χ^2/NDF: 159162.0/47

Right: 8.860+/-0.028 χ^2/NDF: 947685.8/42

In: 1.705+/-0.014 χ^2/NDF:487370.7/42

Out: 1.777+/-0.014 χ^2/NDF:694198.6/47

All: 1.742+/-0.010 χ^2/NDF: 1181581.9/90

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -553.136+/-6.098 χ^2/NDF: 335.7/2

Left Out: -395.638+/-1.909 χ^2/NDF:3704.0/24

Right Out: -593.714+/-3.721 χ^2/NDF: 1534.9/3

Left In: -409.377+/-1.971 χ^2/NDF:3096.1/22

Left: -402.287+/-1.371 χ^2/NDF: 6825.2/47

Right: -582.703+/-3.177 χ^2/NDF: 1902.8/6

In: -422.980+/-1.876 χ^2/NDF:3935.0/25

Out: -436.902+/-1.699 χ^2/NDF:7481.7/28

All: -430.629+/-1.259 χ^2/NDF: 11447.0/54

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -5.298+/-2.215 χ^2/NDF: 460.9/19

Left Out: -2.133+/-1.435 χ^2/NDF:562.8/24

Right Out: 7.129+/-2.056 χ^2/NDF: 522.5/22

Left In: -3.290+/-1.517 χ^2/NDF:454.5/22

Left: -2.680+/-1.042 χ^2/NDF: 1017.6/47

Right: 1.379+/-1.507 χ^2/NDF: 1000.3/42

In: -3.931+/-1.251 χ^2/NDF:916.0/42

Out: 0.902+/-1.177 χ^2/NDF:1098.9/47

All: -1.366+/-0.857 χ^2/NDF: 2022.8/90

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 579.827+/-3.290 χ^2/NDF: 2548.6/19

Left Out: 420.181+/-1.916 χ^2/NDF:3241.0/24

Right Out: 583.333+/-2.443 χ^2/NDF: 4575.5/22

Left In: 431.487+/-1.964 χ^2/NDF:2897.1/22

Left: 425.693+/-1.371 χ^2/NDF: 6155.1/47

Right: 582.087+/-1.961 χ^2/NDF: 7124.8/42

In: 470.457+/-1.686 χ^2/NDF:6944.3/42

Out: 482.302+/-1.507 χ^2/NDF:10578.5/47

All: 477.041+/-1.124 χ^2/NDF: 17550.3/90

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 144.651+/-2.601 χ^2/NDF: 737.7/19

Left Out: 137.107+/-1.663 χ^2/NDF:738.9/24

Right Out: 123.673+/-2.459 χ^2/NDF: 737.2/22

Left In: 142.123+/-1.740 χ^2/NDF:463.8/22

Left: 139.501+/-1.202 χ^2/NDF: 1207.0/47

Right: 133.577+/-1.787 χ^2/NDF: 1509.3/42

In: 142.904+/-1.446 χ^2/NDF:1202.1/42

Out: 132.893+/-1.377 χ^2/NDF:1496.6/47

All: 137.655+/-0.997 χ^2/NDF: 2723.8/90

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -237.629+/-0.142 χ^2/NDF: 151173.4/19

Left Out: -260.729+/-0.080 χ^2/NDF:220125.6/24

Right Out: -225.736+/-0.130 χ^2/NDF: 146095.6/22

Left In: -267.416+/-0.081 χ^2/NDF:98892.0/22

Left: -263.998+/-0.057 χ^2/NDF: 322472.0/47

Right: -231.161+/-0.096 χ^2/NDF: 301095.5/42

In: -260.040+/-0.071 χ^2/NDF:283271.8/42

Out: -251.181+/-0.068 χ^2/NDF:419024.5/47

All: -255.436+/-0.049 χ^2/NDF: 710488.1/90

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -44.135+/-1.986 χ^2/NDF: 78.1/2

Left Out: 22.446+/-0.399 χ^2/NDF:4935.8/24

Right Out: -50.320+/-1.126 χ^2/NDF: 310.5/3

Left In: 23.019+/-0.400 χ^2/NDF:2819.9/22

Left: 22.732+/-0.282 χ^2/NDF: 7756.7/47

Right: -48.814+/-0.980 χ^2/NDF: 396.0/6

In: 20.403+/-0.392 χ^2/NDF:3997.3/25

Out: 14.335+/-0.376 χ^2/NDF:8956.4/28

All: 17.243+/-0.271 χ^2/NDF: 13078.6/54

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -5.599+/-0.744 χ^2/NDF: 344.6/19

Left Out: -5.639+/-0.316 χ^2/NDF:891.5/24

Right Out: -3.949+/-0.678 χ^2/NDF: 383.6/22

Left In: -6.323+/-0.320 χ^2/NDF:784.4/22

Left: -5.976+/-0.225 χ^2/NDF: 1678.2/47

Right: -4.697+/-0.501 χ^2/NDF: 730.9/42

In: -6.210+/-0.294 χ^2/NDF:1129.8/42

Out: -5.337+/-0.286 χ^2/NDF:1280.3/47

All: -5.762+/-0.205 χ^2/NDF: 2414.6/90

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 124.074+/-1.075 χ^2/NDF: 2306.2/19

Left Out: 57.816+/-0.398 χ^2/NDF:4331.5/24

Right Out: 129.445+/-0.759 χ^2/NDF: 2701.0/22

Left In: 57.226+/-0.398 χ^2/NDF:1860.6/22

Left: 57.521+/-0.281 χ^2/NDF: 6193.2/47

Right: 127.658+/-0.620 χ^2/NDF: 5023.8/42

In: 65.283+/-0.373 χ^2/NDF:7565.5/42

Out: 73.259+/-0.353 χ^2/NDF:14015.3/47

All: 69.499+/-0.256 χ^2/NDF: 21822.2/90

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 20.136+/-0.863 χ^2/NDF: 1172.5/19

Left Out: 3.615+/-0.357 χ^2/NDF:2501.2/24

Right Out: 14.589+/-0.811 χ^2/NDF: 1243.8/22

Left In: 3.812+/-0.361 χ^2/NDF:2203.5/22

Left: 3.712+/-0.254 χ^2/NDF: 4704.8/47

Right: 17.188+/-0.591 χ^2/NDF: 2438.3/42

In: 6.238+/-0.333 χ^2/NDF:3680.4/42

Out: 5.395+/-0.327 χ^2/NDF:3898.6/47

All: 5.809+/-0.233 χ^2/NDF: 7582.3/90

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -7.367+/-0.044 χ^2/NDF: 270752.4/19

Left Out: 4.121+/-0.016 χ^2/NDF:1340176.5/24

Right Out: -3.251+/-0.043 χ^2/NDF: 335787.5/22

Left In: 5.305+/-0.016 χ^2/NDF:1089610.2/22

Left: 4.714+/-0.012 χ^2/NDF: 2432407.5/47

Right: -5.238+/-0.031 χ^2/NDF: 611042.7/42

In: 3.774+/-0.015 χ^2/NDF:1432905.1/42

Out: 3.173+/-0.015 χ^2/NDF:1702038.5/47

All: 3.473+/-0.011 χ^2/NDF: 3135714.7/90

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -307.147+/-3.692 χ^2/NDF: 299.1/2

Left Out: -199.957+/-1.082 χ^2/NDF:3220.5/24

Right Out: -307.280+/-2.136 χ^2/NDF: 2451.2/3

Left In: -200.276+/-1.093 χ^2/NDF:3013.8/22

Left: -200.115+/-0.769 χ^2/NDF: 6234.3/47

Right: -307.247+/-1.849 χ^2/NDF: 2750.3/6

In: -208.893+/-1.048 χ^2/NDF:4083.2/25

Out: -221.852+/-0.965 χ^2/NDF:7680.5/28

All: -215.908+/-0.710 χ^2/NDF: 11846.3/54

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.260+/-1.387 χ^2/NDF: 303.8/19

Left Out: 0.116+/-0.810 χ^2/NDF:830.1/24

Right Out: 4.766+/-1.247 χ^2/NDF: 392.3/22

Left In: 0.153+/-0.836 χ^2/NDF:719.6/22

Left: 0.134+/-0.582 χ^2/NDF: 1549.7/47

Right: 3.198+/-0.927 χ^2/NDF: 699.6/42

In: 0.448+/-0.716 χ^2/NDF:1023.9/42

Out: 1.496+/-0.680 χ^2/NDF:1232.2/47

All: 1.000+/-0.493 χ^2/NDF: 2257.2/90

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 309.934+/-1.927 χ^2/NDF: 8795.1/19

Left Out: 269.181+/-1.081 χ^2/NDF:3148.5/24

Right Out: 331.922+/-1.420 χ^2/NDF: 12780.0/22

Left In: 269.798+/-1.087 χ^2/NDF:3234.9/22

Left: 269.488+/-0.766 χ^2/NDF: 6383.6/47

Right: 324.186+/-1.143 χ^2/NDF: 21659.5/42

In: 279.486+/-0.947 χ^2/NDF:12359.1/42

Out: 292.202+/-0.860 χ^2/NDF:17164.9/47

All: 286.454+/-0.637 χ^2/NDF: 29622.8/90

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 59.319+/-1.630 χ^2/NDF: 790.1/19

Left Out: 65.214+/-0.938 χ^2/NDF:1005.7/24

Right Out: 45.131+/-1.518 χ^2/NDF: 741.8/22

Left In: 63.944+/-0.961 χ^2/NDF:803.4/22

Left: 64.594+/-0.671 χ^2/NDF: 1809.9/47

Right: 51.719+/-1.111 χ^2/NDF: 1572.5/42

In: 62.752+/-0.828 χ^2/NDF:1599.5/42

Out: 59.663+/-0.798 χ^2/NDF:1874.1/47

All: 61.151+/-0.574 χ^2/NDF: 3480.8/90

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -58.199+/-0.068 χ^2/NDF: 1317102.0/19

Left Out: -140.489+/-0.045 χ^2/NDF:77350.7/24

Right Out: -58.155+/-0.067 χ^2/NDF: 1141596.4/22

Left In: -139.406+/-0.045 χ^2/NDF:62878.4/22

Left: -139.949+/-0.032 χ^2/NDF: 140521.6/47

Right: -58.176+/-0.048 χ^2/NDF: 2458698.6/42

In: -115.040+/-0.038 χ^2/NDF:2364240.7/42

Out: -114.932+/-0.037 χ^2/NDF:2272438.5/47

All: -114.985+/-0.026 χ^2/NDF: 4636683.4/90

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 304.026+/-3.362 χ^2/NDF: 281.2/2

Left Out: 188.749+/-0.958 χ^2/NDF:1968.6/24

Right Out: 316.301+/-2.025 χ^2/NDF: 2414.1/3

Left In: 190.753+/-0.971 χ^2/NDF:1421.8/22

Left: 189.737+/-0.682 χ^2/NDF: 3392.5/47

Right: 313.033+/-1.735 χ^2/NDF: 2705.0/6

In: 199.473+/-0.933 χ^2/NDF:2750.7/25

Out: 212.076+/-0.866 χ^2/NDF:7624.2/28

All: 206.242+/-0.635 χ^2/NDF: 10472.9/54

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 16.297+/-1.309 χ^2/NDF: 590.8/19

Left Out: 5.851+/-0.714 χ^2/NDF:650.6/24

Right Out: 7.655+/-1.116 χ^2/NDF: 748.4/22

Left In: 6.797+/-0.735 χ^2/NDF:525.8/22

Left: 6.311+/-0.512 χ^2/NDF: 1177.3/47

Right: 11.290+/-0.849 χ^2/NDF: 1364.4/42

In: 9.072+/-0.641 χ^2/NDF:1156.7/42

Out: 6.376+/-0.602 χ^2/NDF:1400.9/47

All: 7.639+/-0.439 χ^2/NDF: 2566.9/90

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -333.885+/-1.886 χ^2/NDF: 1129.1/19

Left Out: -223.752+/-0.958 χ^2/NDF:2021.5/24

Right Out: -318.761+/-1.345 χ^2/NDF: 7031.1/22

Left In: -223.554+/-0.966 χ^2/NDF:1286.5/22

Left: -223.654+/-0.680 χ^2/NDF: 3308.0/47

Right: -323.857+/-1.095 χ^2/NDF: 8202.8/42

In: -246.464+/-0.860 χ^2/NDF:5126.6/42

Out: -255.741+/-0.780 χ^2/NDF:12364.6/47

All: -251.550+/-0.578 χ^2/NDF: 17555.0/90

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -105.176+/-1.530 χ^2/NDF: 728.6/19

Left Out: -77.296+/-0.829 χ^2/NDF:844.6/24

Right Out: -80.360+/-1.344 χ^2/NDF: 1256.2/22

Left In: -77.777+/-0.847 χ^2/NDF:624.5/22

Left: -77.531+/-0.592 χ^2/NDF: 1469.2/47

Right: -91.166+/-1.010 χ^2/NDF: 2133.3/42

In: -84.201+/-0.741 χ^2/NDF:1598.5/42

Out: -78.140+/-0.705 χ^2/NDF:2104.6/47

All: -81.022+/-0.511 χ^2/NDF: 3738.2/90

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 128.734+/-0.085 χ^2/NDF: 191532.1/19

Left Out: 121.972+/-0.039 χ^2/NDF:27431.1/24

Right Out: 81.525+/-0.069 χ^2/NDF: 949743.1/22

Left In: 121.045+/-0.040 χ^2/NDF:7903.5/22

Left: 121.510+/-0.028 χ^2/NDF: 35609.5/47

Right: 100.301+/-0.054 χ^2/NDF: 1327752.9/42

In: 122.419+/-0.036 χ^2/NDF:206180.9/42

Out: 111.979+/-0.034 χ^2/NDF:1236320.2/47

All: 116.963+/-0.025 χ^2/NDF: 1486804.9/90

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -296.184+/-3.596 χ^2/NDF: 377.8/2

Left Out: -225.905+/-1.083 χ^2/NDF:4669.2/24

Right Out: -326.395+/-2.241 χ^2/NDF: 1155.7/3

Left In: -234.328+/-1.104 χ^2/NDF:3591.9/22

Left: -230.037+/-0.773 χ^2/NDF: 8290.7/47

Right: -317.945+/-1.902 χ^2/NDF: 1584.3/6

In: -239.657+/-1.056 χ^2/NDF:4240.0/25

Out: -244.943+/-0.975 χ^2/NDF:7454.6/28

All: -242.508+/-0.716 χ^2/NDF: 11708.1/54

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 9.109+/-1.053 χ^2/NDF: 313.7/19

Left Out: 5.558+/-0.832 χ^2/NDF:313.4/24

Right Out: 12.289+/-1.010 χ^2/NDF: 291.1/22

Left In: 5.186+/-0.867 χ^2/NDF:243.2/22

Left: 5.380+/-0.600 χ^2/NDF: 556.7/47

Right: 10.765+/-0.729 χ^2/NDF: 609.5/42

In: 6.771+/-0.669 χ^2/NDF:565.1/42

Out: 8.279+/-0.642 χ^2/NDF:631.0/47

All: 7.556+/-0.463 χ^2/NDF: 1198.7/90

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 258.186+/-1.710 χ^2/NDF: 1915.7/19

Left Out: 168.699+/-1.086 χ^2/NDF:4238.2/24

Right Out: 257.434+/-1.344 χ^2/NDF: 3653.8/22

Left In: 176.711+/-1.102 χ^2/NDF:3234.3/22

Left: 172.648+/-0.774 χ^2/NDF: 7499.3/47

Right: 257.721+/-1.057 χ^2/NDF: 5569.6/42

In: 200.607+/-0.926 χ^2/NDF:6753.6/42

Out: 203.782+/-0.845 χ^2/NDF:10529.4/47

All: 202.340+/-0.624 χ^2/NDF: 17289.4/90

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 41.138+/-1.231 χ^2/NDF: 588.6/19

Left Out: 57.343+/-0.956 χ^2/NDF:641.5/24

Right Out: 36.612+/-1.190 χ^2/NDF: 483.5/22

Left In: 60.392+/-0.987 χ^2/NDF:341.2/22

Left: 58.819+/-0.687 χ^2/NDF: 987.6/47

Right: 38.799+/-0.856 χ^2/NDF: 1079.1/42

In: 52.857+/-0.770 χ^2/NDF:1078.7/42

Out: 49.211+/-0.745 χ^2/NDF:1309.4/47

All: 50.974+/-0.536 χ^2/NDF: 2399.7/90

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -120.588+/-0.074 χ^2/NDF: 160305.9/19

Left Out: -138.821+/-0.045 χ^2/NDF:525537.6/24

Right Out: -110.723+/-0.069 χ^2/NDF: 366389.1/22

Left In: -143.726+/-0.046 χ^2/NDF:260994.5/22

Left: -141.241+/-0.032 χ^2/NDF: 792316.4/47

Right: -115.249+/-0.050 χ^2/NDF: 536195.9/42

In: -137.352+/-0.039 χ^2/NDF:491276.5/42

Out: -130.281+/-0.038 χ^2/NDF:1008851.7/47

All: -133.699+/-0.027 χ^2/NDF: 1517049.3/90

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 189.026+/-2.491 χ^2/NDF: 240.1/2

Left Out: 174.613+/-0.969 χ^2/NDF:5551.3/24

Right Out: 215.933+/-1.592 χ^2/NDF: 547.6/3

Left In: 184.205+/-0.987 χ^2/NDF:3637.1/22

Left: 179.321+/-0.691 χ^2/NDF: 9236.5/47

Right: 208.130+/-1.342 χ^2/NDF: 870.5/6

In: 184.859+/-0.917 χ^2/NDF:3880.4/25

Out: 185.780+/-0.828 χ^2/NDF:6590.3/28

All: 185.367+/-0.615 χ^2/NDF: 10471.3/54

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 9.055+/-1.002 χ^2/NDF: 464.4/19

Left Out: 5.314+/-0.750 χ^2/NDF:345.1/24

Right Out: 2.696+/-0.944 χ^2/NDF: 520.7/22

Left In: 5.483+/-0.779 χ^2/NDF:259.1/22

Left: 5.396+/-0.540 χ^2/NDF: 604.2/47

Right: 5.688+/-0.687 χ^2/NDF: 1006.4/42

In: 6.829+/-0.615 χ^2/NDF:731.4/42

Out: 4.301+/-0.588 χ^2/NDF:870.5/47

All: 5.507+/-0.425 χ^2/NDF: 1610.8/90

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -200.915+/-1.443 χ^2/NDF: 1624.6/19

Left Out: -175.470+/-0.974 χ^2/NDF:5103.8/24

Right Out: -204.891+/-1.073 χ^2/NDF: 2473.1/22

Left In: -184.774+/-0.987 χ^2/NDF:3082.4/22

Left: -180.060+/-0.693 χ^2/NDF: 8231.2/47

Right: -203.474+/-0.861 χ^2/NDF: 4102.6/42

In: -189.920+/-0.814 χ^2/NDF:4792.3/42

Out: -188.755+/-0.721 χ^2/NDF:7989.0/47

All: -189.267+/-0.540 χ^2/NDF: 12782.5/90

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -74.156+/-1.177 χ^2/NDF: 928.1/19

Left Out: -76.747+/-0.861 χ^2/NDF:746.8/24

Right Out: -67.067+/-1.131 χ^2/NDF: 870.4/22

Left In: -80.068+/-0.886 χ^2/NDF:286.8/22

Left: -78.359+/-0.617 χ^2/NDF: 1040.8/47

Right: -70.470+/-0.816 χ^2/NDF: 1817.4/42

In: -77.930+/-0.708 χ^2/NDF:1231.0/42

Out: -73.198+/-0.685 χ^2/NDF:1663.6/47

All: -75.485+/-0.492 χ^2/NDF: 2917.7/90

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 97.998+/-0.068 χ^2/NDF: 95274.9/19

Left Out: 119.448+/-0.041 χ^2/NDF:660075.8/24

Right Out: 90.410+/-0.063 χ^2/NDF: 238156.3/22

Left In: 125.101+/-0.041 χ^2/NDF:222793.3/22

Left: 122.242+/-0.029 χ^2/NDF: 892441.6/47

Right: 93.882+/-0.046 χ^2/NDF: 340099.5/42

In: 117.919+/-0.035 χ^2/NDF:433315.5/42

Out: 110.892+/-0.034 χ^2/NDF:1048752.1/47

All: 114.293+/-0.025 χ^2/NDF: 1502591.6/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 247.088+/-2.797 χ^2/NDF: 285.2/2

Left Out: 182.672+/-0.919 χ^2/NDF:3230.7/24

Right Out: 269.609+/-1.728 χ^2/NDF: 1243.1/3

Left In: 190.279+/-0.949 χ^2/NDF:2452.9/22

Left: 186.352+/-0.660 χ^2/NDF: 5716.7/47

Right: 263.390+/-1.470 χ^2/NDF: 1575.2/6

In: 196.142+/-0.899 χ^2/NDF:3108.0/25

Out: 201.827+/-0.811 χ^2/NDF:6447.6/28

All: 199.275+/-0.602 χ^2/NDF: 9577.7/54

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 13.144+/-1.092 χ^2/NDF: 575.9/19

Left Out: 5.425+/-0.693 χ^2/NDF:525.2/24

Right Out: 4.349+/-0.982 χ^2/NDF: 740.8/22

Left In: 6.151+/-0.730 χ^2/NDF:410.6/22

Left: 5.769+/-0.502 χ^2/NDF: 936.2/47

Right: 8.280+/-0.730 χ^2/NDF: 1352.5/42

In: 8.310+/-0.607 χ^2/NDF:1014.8/42

Out: 5.067+/-0.566 χ^2/NDF:1266.7/47

All: 6.576+/-0.414 χ^2/NDF: 2296.8/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -269.536+/-1.585 χ^2/NDF: 1303.2/19

Left Out: -201.610+/-0.922 χ^2/NDF:2462.4/24

Right Out: -267.566+/-1.153 χ^2/NDF: 3639.6/22

Left In: -206.700+/-0.946 χ^2/NDF:2134.9/22

Left: -204.091+/-0.660 χ^2/NDF: 4612.2/47

Right: -268.248+/-0.932 χ^2/NDF: 4943.9/42

In: -223.212+/-0.812 χ^2/NDF:4597.3/42

Out: -227.348+/-0.720 χ^2/NDF:8097.1/47

All: -225.527+/-0.539 χ^2/NDF: 12708.9/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -90.781+/-1.281 χ^2/NDF: 859.6/19

Left Out: -76.870+/-0.802 χ^2/NDF:758.7/24

Right Out: -76.605+/-1.179 χ^2/NDF: 1089.5/22

Left In: -79.719+/-0.837 χ^2/NDF:415.2/22

Left: -78.232+/-0.579 χ^2/NDF: 1179.9/47

Right: -83.103+/-0.867 χ^2/NDF: 2015.3/42

In: -83.030+/-0.701 χ^2/NDF:1326.9/42

Out: -76.786+/-0.663 χ^2/NDF:1848.2/47

All: -79.734+/-0.482 χ^2/NDF: 3217.1/90

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 116.505+/-0.074 χ^2/NDF: 107374.8/19

Left Out: 121.385+/-0.038 χ^2/NDF:164871.1/24

Right Out: 99.595+/-0.063 χ^2/NDF: 209070.8/22

Left In: 124.714+/-0.039 χ^2/NDF:51750.7/22

Left: 123.014+/-0.027 χ^2/NDF: 220328.2/47

Right: 106.693+/-0.048 χ^2/NDF: 346942.8/42

In: 122.915+/-0.035 χ^2/NDF:168798.1/42

Out: 115.479+/-0.033 χ^2/NDF:461883.6/47

All: 118.990+/-0.024 χ^2/NDF: 655153.2/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 8.351+/-1.390 χ^2/NDF: 15.9/2

Left Out: 21.435+/-0.283 χ^2/NDF:2406.2/24

Right Out: 4.334+/-0.801 χ^2/NDF: 67.6/3

Left In: 22.055+/-0.284 χ^2/NDF:941.3/22

Left: 21.743+/-0.200 χ^2/NDF: 3349.9/47

Right: 5.336+/-0.694 χ^2/NDF: 89.8/6

In: 21.504+/-0.278 χ^2/NDF:1050.5/25

Out: 19.543+/-0.267 χ^2/NDF:2879.0/28

All: 20.481+/-0.193 χ^2/NDF: 3955.4/54

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: -3.919+/-0.550 χ^2/NDF: 197.7/19

Left Out: -4.015+/-0.223 χ^2/NDF:731.7/24

Right Out: -2.989+/-0.512 χ^2/NDF: 262.3/22

Left In: -4.069+/-0.227 χ^2/NDF:580.1/22

Left: -4.042+/-0.159 χ^2/NDF: 1311.8/47

Right: -3.421+/-0.375 χ^2/NDF: 461.4/42

In: -4.047+/-0.210 χ^2/NDF:777.8/42

Out: -3.851+/-0.205 χ^2/NDF:997.3/47

All: -3.947+/-0.147 χ^2/NDF: 1775.5/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 64.949+/-0.793 χ^2/NDF: 1897.8/19

Left Out: 42.322+/-0.282 χ^2/NDF:1855.5/24

Right Out: 65.973+/-0.559 χ^2/NDF: 2206.8/22

Left In: 41.755+/-0.283 χ^2/NDF:659.6/22

Left: 42.039+/-0.200 χ^2/NDF: 2517.1/47

Right: 65.633+/-0.457 χ^2/NDF: 4105.7/42

In: 44.372+/-0.267 χ^2/NDF:3315.4/42

Out: 47.124+/-0.252 χ^2/NDF:5489.8/47

All: 45.827+/-0.183 χ^2/NDF: 8861.5/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 10.246+/-0.636 χ^2/NDF: 542.9/19

Left Out: 3.439+/-0.252 χ^2/NDF:1647.7/24

Right Out: 8.990+/-0.612 χ^2/NDF: 703.4/22

Left In: 3.114+/-0.256 χ^2/NDF:1273.1/22

Left: 3.279+/-0.180 χ^2/NDF: 2921.5/47

Right: 9.594+/-0.441 χ^2/NDF: 1248.3/42

In: 4.111+/-0.238 χ^2/NDF:1924.2/42

Out: 4.247+/-0.233 χ^2/NDF:2421.4/47

All: 4.180+/-0.167 χ^2/NDF: 4345.7/90

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 2.130+/-0.035 χ^2/NDF: 359904.8/19

Left Out: 2.497+/-0.012 χ^2/NDF:588138.5/24

Right Out: 1.343+/-0.034 χ^2/NDF: 423990.9/22

Left In: 3.281+/-0.012 χ^2/NDF:409605.3/22

Left: 2.888+/-0.008 χ^2/NDF: 1000035.7/47

Right: 1.724+/-0.024 χ^2/NDF: 784162.4/42

In: 3.165+/-0.011 χ^2/NDF:770504.7/42

Out: 2.374+/-0.011 χ^2/NDF:1013187.3/47

All: 2.767+/-0.008 χ^2/NDF: 1786290.8/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: -305.158+/-3.400 χ^2/NDF: 369.2/2

Left Out: -213.020+/-1.035 χ^2/NDF:3826.2/24

Right Out: -321.861+/-2.045 χ^2/NDF: 1715.0/3

Left In: -218.216+/-1.063 χ^2/NDF:3499.0/22

Left: -215.550+/-0.742 χ^2/NDF: 7337.5/47

Right: -317.422+/-1.753 χ^2/NDF: 2101.9/6

In: -225.956+/-1.014 χ^2/NDF:4463.9/25

Out: -235.224+/-0.924 χ^2/NDF:7795.3/28

All: -231.023+/-0.683 χ^2/NDF: 12304.9/54

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 6.195+/-1.179 χ^2/NDF: 336.7/19

Left Out: 2.786+/-0.780 χ^2/NDF:582.0/24

Right Out: 9.266+/-1.064 χ^2/NDF: 337.6/22

Left In: 2.619+/-0.821 χ^2/NDF:477.6/22

Left: 2.707+/-0.565 χ^2/NDF: 1059.7/47

Right: 7.887+/-0.790 χ^2/NDF: 678.1/42

In: 3.786+/-0.673 χ^2/NDF:820.5/42

Out: 5.052+/-0.629 χ^2/NDF:943.8/47

All: 4.462+/-0.460 χ^2/NDF: 1766.2/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: 286.701+/-1.734 χ^2/NDF: 5639.0/19

Left Out: 218.389+/-1.038 χ^2/NDF:3696.7/24

Right Out: 292.445+/-1.300 χ^2/NDF: 8847.3/22

Left In: 223.827+/-1.058 χ^2/NDF:3444.7/22

Left: 221.054+/-0.741 χ^2/NDF: 7154.8/47

Right: 290.379+/-1.040 χ^2/NDF: 14493.3/42

In: 240.890+/-0.903 χ^2/NDF:10041.3/42

Out: 247.224+/-0.811 χ^2/NDF:14527.0/47

All: 244.398+/-0.603 χ^2/NDF: 24595.5/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: 51.955+/-1.385 χ^2/NDF: 678.7/19

Left Out: 61.240+/-0.903 χ^2/NDF:718.8/24

Right Out: 42.920+/-1.283 χ^2/NDF: 575.2/22

Left In: 62.538+/-0.940 χ^2/NDF:520.0/22

Left: 61.862+/-0.651 χ^2/NDF: 1239.8/47

Right: 47.094+/-0.941 χ^2/NDF: 1276.8/42

In: 59.198+/-0.778 χ^2/NDF:1238.7/42

Out: 55.175+/-0.738 χ^2/NDF:1430.4/47

All: 57.081+/-0.535 χ^2/NDF: 2683.2/90

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: -94.639+/-0.065 χ^2/NDF: 580722.3/19

Left Out: -139.585+/-0.043 χ^2/NDF:243895.1/24

Right Out: -89.627+/-0.061 χ^2/NDF: 577035.6/22

Left In: -142.326+/-0.044 χ^2/NDF:144642.3/22

Left: -140.930+/-0.031 χ^2/NDF: 390521.6/47

Right: -91.965+/-0.045 χ^2/NDF: 1160890.0/42

In: -127.516+/-0.036 χ^2/NDF:1091711.9/42

Out: -123.012+/-0.035 χ^2/NDF:1266658.6/47

All: -125.187+/-0.025 χ^2/NDF: 2366263.4/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 54.045+/-0.980 χ^2/NDF: 149.0/2

Left Out: -1.540+/-0.268 χ^2/NDF:4129.1/24

Right Out: 54.788+/-0.562 χ^2/NDF: 822.2/3

Left In: -2.244+/-0.270 χ^2/NDF:2561.6/22

Left: -1.890+/-0.190 χ^2/NDF: 6694.2/47

Right: 54.604+/-0.488 χ^2/NDF: 971.6/6

In: 1.717+/-0.260 χ^2/NDF:5779.9/25

Out: 8.874+/-0.242 χ^2/NDF:13136.0/28

All: 5.555+/-0.177 χ^2/NDF: 19322.5/54

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 2.612+/-0.436 χ^2/NDF: 405.8/19

Left Out: 1.492+/-0.210 χ^2/NDF:258.3/24

Right Out: 1.642+/-0.398 χ^2/NDF: 350.5/22

Left In: 2.051+/-0.215 χ^2/NDF:275.4/22

Left: 1.766+/-0.150 χ^2/NDF: 537.2/47

Right: 2.084+/-0.294 χ^2/NDF: 759.1/42

In: 2.161+/-0.193 χ^2/NDF:682.6/42

Out: 1.525+/-0.186 χ^2/NDF:609.0/47

All: 1.832+/-0.134 χ^2/NDF: 1297.2/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -64.969+/-0.592 χ^2/NDF: 1460.9/19

Left Out: -15.140+/-0.267 χ^2/NDF:4451.9/24

Right Out: -68.363+/-0.402 χ^2/NDF: 2721.9/22

Left In: -14.415+/-0.268 χ^2/NDF:2065.7/22

Left: -14.779+/-0.189 χ^2/NDF: 6521.3/47

Right: -67.294+/-0.332 χ^2/NDF: 4205.3/42

In: -23.008+/-0.244 χ^2/NDF:9572.2/42

Out: -31.436+/-0.222 χ^2/NDF:19352.9/47

All: -27.617+/-0.164 χ^2/NDF: 29576.4/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -11.058+/-0.509 χ^2/NDF: 899.3/19

Left Out: 0.133+/-0.238 χ^2/NDF:1146.9/24

Right Out: -10.056+/-0.483 χ^2/NDF: 889.3/22

Left In: -0.036+/-0.242 χ^2/NDF:1027.6/22

Left: 0.049+/-0.170 χ^2/NDF: 2174.8/47

Right: -10.531+/-0.350 χ^2/NDF: 1790.6/42

In: -2.073+/-0.219 χ^2/NDF:2309.2/42

Out: -1.864+/-0.214 χ^2/NDF:2394.3/47

All: -1.966+/-0.153 χ^2/NDF: 4703.9/90

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 11.703+/-0.029 χ^2/NDF: 397608.6/19

Left Out: -2.176+/-0.011 χ^2/NDF:1047394.9/24

Right Out: 9.208+/-0.028 χ^2/NDF: 636045.4/22

Left In: -2.949+/-0.011 χ^2/NDF:770702.4/22

Left: -2.562+/-0.008 χ^2/NDF: 1820593.2/47

Right: 10.425+/-0.020 χ^2/NDF: 1037580.2/42

In: -1.065+/-0.010 χ^2/NDF:1398553.0/42

Out: -0.656+/-0.010 χ^2/NDF:1828482.0/47

All: -0.859+/-0.007 χ^2/NDF: 3227839.7/90

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 10.224+/-0.181 χ^2/NDF: 10447.6/2

Left Out: -18.127+/-0.039 χ^2/NDF:88514.4/24

Right Out: 3.903+/-0.092 χ^2/NDF: 1566.4/3

Left In: -16.958+/-0.038 χ^2/NDF:44759.9/22

Left: -17.528+/-0.027 χ^2/NDF: 133736.2/47

Right: 5.214+/-0.082 χ^2/NDF: 12985.2/6

In: -15.805+/-0.037 χ^2/NDF:76908.4/25

Out: -14.800+/-0.036 χ^2/NDF:138376.4/28

All: -15.285+/-0.026 χ^2/NDF: 215662.7/54

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.187+/-0.059 χ^2/NDF: 2032.6/19

Left Out: 0.543+/-0.032 χ^2/NDF:7067.6/24

Right Out: 0.713+/-0.053 χ^2/NDF: 1420.0/22

Left In: 0.398+/-0.031 χ^2/NDF:6286.3/22

Left: 0.467+/-0.022 χ^2/NDF: 13364.5/47

Right: 0.924+/-0.039 χ^2/NDF: 3488.5/42

In: 0.566+/-0.027 χ^2/NDF:8459.9/42

Out: 0.589+/-0.028 χ^2/NDF:8495.1/47

All: 0.577+/-0.019 χ^2/NDF: 16955.3/90

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -4.262+/-0.089 χ^2/NDF: 12094.4/19

Left Out: 18.147+/-0.039 χ^2/NDF:77805.7/24

Right Out: -2.829+/-0.060 χ^2/NDF: 2571.6/22

Left In: 16.477+/-0.038 χ^2/NDF:41326.5/22

Left: 17.279+/-0.027 χ^2/NDF: 120078.9/47

Right: -3.274+/-0.050 χ^2/NDF: 14843.9/42

In: 13.349+/-0.035 χ^2/NDF:99253.0/42

Out: 11.866+/-0.033 χ^2/NDF:166399.2/47

All: 12.565+/-0.024 χ^2/NDF: 266617.9/90

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.463+/-0.069 χ^2/NDF: 2484.2/19

Left Out: -1.338+/-0.036 χ^2/NDF:7920.8/24

Right Out: -1.269+/-0.062 χ^2/NDF: 1925.1/22

Left In: -1.129+/-0.034 χ^2/NDF:6778.7/22

Left: -1.228+/-0.025 χ^2/NDF: 14717.3/47

Right: -1.356+/-0.046 χ^2/NDF: 4413.7/42

In: -1.195+/-0.031 χ^2/NDF:9281.9/42

Out: -1.321+/-0.031 χ^2/NDF:9846.8/47

All: -1.256+/-0.022 χ^2/NDF: 19137.1/90

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.266+/-0.004 χ^2/NDF: 5449.7/19

Left Out: 0.112+/-0.002 χ^2/NDF:4459.9/24

Right Out: 0.246+/-0.003 χ^2/NDF: 1726.9/22

Left In: 0.087+/-0.001 χ^2/NDF:3661.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8251.0/47

Right: 0.255+/-0.003 χ^2/NDF: 7190.6/42

In: 0.109+/-0.001 χ^2/NDF:10915.3/42

Out: 0.136+/-0.001 χ^2/NDF:7447.9/47

All: 0.122+/-0.001 χ^2/NDF: 18536.7/90

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 10.272+/-0.180 χ^2/NDF: 10570.5/2

Left Out: -18.004+/-0.039 χ^2/NDF:88352.2/24

Right Out: 3.880+/-0.091 χ^2/NDF: 1613.0/3

Left In: -16.854+/-0.038 χ^2/NDF:44680.7/22

Left: -17.415+/-0.027 χ^2/NDF: 133485.7/47

Right: 5.190+/-0.081 χ^2/NDF: 13187.9/6

In: -15.709+/-0.037 χ^2/NDF:77042.4/25

Out: -14.675+/-0.036 χ^2/NDF:138656.5/28

All: -15.173+/-0.026 χ^2/NDF: 216105.3/54

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.153+/-0.059 χ^2/NDF: 2093.0/19

Left Out: 0.511+/-0.032 χ^2/NDF:7053.0/24

Right Out: 0.671+/-0.053 χ^2/NDF: 1456.8/22

Left In: 0.361+/-0.030 χ^2/NDF:6273.5/22

Left: 0.432+/-0.022 χ^2/NDF: 13338.0/47

Right: 0.886+/-0.039 χ^2/NDF: 3587.4/42

In: 0.529+/-0.027 χ^2/NDF:8510.2/42

Out: 0.555+/-0.027 χ^2/NDF:8516.5/47

All: 0.542+/-0.019 χ^2/NDF: 17027.1/90

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -4.126+/-0.089 χ^2/NDF: 12318.5/19

Left Out: 18.023+/-0.039 χ^2/NDF:77674.0/24

Right Out: -2.736+/-0.059 χ^2/NDF: 2637.5/22

Left In: 16.377+/-0.037 χ^2/NDF:41253.5/22

Left: 17.168+/-0.027 χ^2/NDF: 119859.6/47

Right: -3.164+/-0.049 χ^2/NDF: 15125.3/42

In: 13.295+/-0.034 χ^2/NDF:98811.5/42

Out: 11.789+/-0.033 χ^2/NDF:166027.0/47

All: 12.498+/-0.024 χ^2/NDF: 265850.1/90

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.427+/-0.068 χ^2/NDF: 2536.7/19

Left Out: -1.297+/-0.036 χ^2/NDF:7903.2/24

Right Out: -1.224+/-0.062 χ^2/NDF: 1963.7/22

Left In: -1.081+/-0.034 χ^2/NDF:6764.0/22

Left: -1.183+/-0.025 χ^2/NDF: 14686.6/47

Right: -1.315+/-0.046 χ^2/NDF: 4505.2/42

In: -1.149+/-0.030 χ^2/NDF:9321.3/42

Out: -1.279+/-0.031 χ^2/NDF:9867.9/47

All: -1.213+/-0.022 χ^2/NDF: 19198.2/90

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.264+/-0.004 χ^2/NDF: 5560.9/19

Left Out: 0.111+/-0.002 χ^2/NDF:4452.0/24

Right Out: 0.244+/-0.003 χ^2/NDF: 1740.5/22

Left In: 0.087+/-0.001 χ^2/NDF:3631.4/22

Left: 0.098+/-0.001 χ^2/NDF: 8208.0/47

Right: 0.252+/-0.003 χ^2/NDF: 7315.4/42

In: 0.109+/-0.001 χ^2/NDF:10961.9/42

Out: 0.135+/-0.001 χ^2/NDF:7434.6/47

All: 0.121+/-0.001 χ^2/NDF: 18563.6/90

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 10.264+/-0.181 χ^2/NDF: 10586.0/2

Left Out: -18.112+/-0.039 χ^2/NDF:88488.2/24

Right Out: 3.811+/-0.091 χ^2/NDF: 1623.9/3

Left In: -16.945+/-0.038 χ^2/NDF:44756.2/22

Left: -17.514+/-0.027 χ^2/NDF: 133707.4/47

Right: 5.123+/-0.081 χ^2/NDF: 13227.7/6

In: -15.796+/-0.037 χ^2/NDF:77096.5/25

Out: -14.744+/-0.036 χ^2/NDF:139036.6/28

All: -15.251+/-0.026 χ^2/NDF: 216550.4/54

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.097+/-0.059 χ^2/NDF: 2090.8/19

Left Out: 0.469+/-0.032 χ^2/NDF:7076.8/24

Right Out: 0.628+/-0.053 χ^2/NDF: 1464.4/22

Left In: 0.313+/-0.031 χ^2/NDF:6235.0/22

Left: 0.386+/-0.022 χ^2/NDF: 13324.1/47

Right: 0.836+/-0.039 χ^2/NDF: 3590.3/42

In: 0.479+/-0.027 χ^2/NDF:8465.3/42

Out: 0.512+/-0.028 χ^2/NDF:8547.9/47

All: 0.495+/-0.019 χ^2/NDF: 17013.9/90

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -4.156+/-0.089 χ^2/NDF: 12320.6/19

Left Out: 18.098+/-0.039 χ^2/NDF:77793.7/24

Right Out: -2.732+/-0.059 χ^2/NDF: 2636.3/22

Left In: 16.431+/-0.038 χ^2/NDF:41337.1/22

Left: 17.232+/-0.027 χ^2/NDF: 120078.5/47

Right: -3.168+/-0.049 χ^2/NDF: 15133.1/42

In: 13.342+/-0.035 χ^2/NDF:98841.9/42

Out: 11.811+/-0.033 χ^2/NDF:166411.1/47

All: 12.531+/-0.024 χ^2/NDF: 266289.4/90

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.383+/-0.069 χ^2/NDF: 2536.7/19

Left Out: -1.273+/-0.036 χ^2/NDF:7931.0/24

Right Out: -1.200+/-0.062 χ^2/NDF: 1973.4/22

Left In: -1.050+/-0.034 χ^2/NDF:6713.0/22

Left: -1.156+/-0.025 χ^2/NDF: 14664.3/47

Right: -1.282+/-0.046 χ^2/NDF: 4514.0/42

In: -1.116+/-0.030 χ^2/NDF:9268.5/42

Out: -1.255+/-0.031 χ^2/NDF:9905.4/47

All: -1.184+/-0.022 χ^2/NDF: 19184.1/90

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.265+/-0.004 χ^2/NDF: 5579.6/19

Left Out: 0.111+/-0.002 χ^2/NDF:4430.3/24

Right Out: 0.245+/-0.003 χ^2/NDF: 1766.3/22

Left In: 0.087+/-0.001 χ^2/NDF:3604.3/22

Left: 0.098+/-0.001 χ^2/NDF: 8153.0/47

Right: 0.253+/-0.003 χ^2/NDF: 7361.0/42

In: 0.109+/-0.001 χ^2/NDF:10963.8/42

Out: 0.135+/-0.001 χ^2/NDF:7449.0/47

All: 0.121+/-0.001 χ^2/NDF: 18573.6/90

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 10.118+/-0.181 χ^2/NDF: 10347.2/2

Left Out: -18.478+/-0.040 χ^2/NDF:87856.5/24

Right Out: 3.742+/-0.091 χ^2/NDF: 1564.9/3

Left In: -17.309+/-0.039 χ^2/NDF:43807.0/22

Left: -17.879+/-0.028 χ^2/NDF: 132106.2/47

Right: 5.037+/-0.082 χ^2/NDF: 12899.1/6

In: -16.106+/-0.038 χ^2/NDF:76068.5/25

Out: -14.948+/-0.036 χ^2/NDF:139062.2/28

All: -15.504+/-0.026 χ^2/NDF: 215615.0/54

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.116+/-0.060 χ^2/NDF: 2015.6/19

Left Out: 0.522+/-0.033 χ^2/NDF:7038.3/24

Right Out: 0.677+/-0.054 χ^2/NDF: 1410.3/22

Left In: 0.373+/-0.031 χ^2/NDF:6263.9/22

Left: 0.443+/-0.023 χ^2/NDF: 13312.8/47

Right: 0.873+/-0.040 χ^2/NDF: 3455.7/42

In: 0.532+/-0.028 χ^2/NDF:8400.3/42

Out: 0.565+/-0.028 χ^2/NDF:8454.7/47

All: 0.548+/-0.020 χ^2/NDF: 16855.7/90

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -4.211+/-0.090 χ^2/NDF: 12016.0/19

Left Out: 18.463+/-0.040 χ^2/NDF:77193.5/24

Right Out: -2.684+/-0.060 χ^2/NDF: 2591.9/22

Left In: 16.798+/-0.038 χ^2/NDF:40258.9/22

Left: 17.599+/-0.028 χ^2/NDF: 118354.8/47

Right: -3.150+/-0.050 χ^2/NDF: 14806.3/42

In: 13.584+/-0.035 χ^2/NDF:98004.2/42

Out: 11.961+/-0.033 χ^2/NDF:166040.4/47

All: 12.722+/-0.024 χ^2/NDF: 265163.8/90

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.402+/-0.070 χ^2/NDF: 2455.2/19

Left Out: -1.341+/-0.037 χ^2/NDF:7886.0/24

Right Out: -1.261+/-0.063 χ^2/NDF: 1906.9/22

Left In: -1.132+/-0.035 χ^2/NDF:6743.4/22

Left: -1.231+/-0.025 χ^2/NDF: 14646.5/47

Right: -1.324+/-0.047 χ^2/NDF: 4364.4/42

In: -1.185+/-0.031 χ^2/NDF:9210.6/42

Out: -1.321+/-0.032 χ^2/NDF:9794.1/47

All: -1.252+/-0.022 χ^2/NDF: 19013.9/90

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.271+/-0.004 χ^2/NDF: 5339.8/19

Left Out: 0.114+/-0.002 χ^2/NDF:4382.5/24

Right Out: 0.242+/-0.003 χ^2/NDF: 1796.0/22

Left In: 0.090+/-0.002 χ^2/NDF:3679.2/22

Left: 0.101+/-0.001 χ^2/NDF: 8175.2/47

Right: 0.255+/-0.003 χ^2/NDF: 7164.6/42

In: 0.113+/-0.001 χ^2/NDF:10790.1/42

Out: 0.137+/-0.001 χ^2/NDF:7285.2/47

All: 0.125+/-0.001 χ^2/NDF: 18211.7/90

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected

Right In: 10.058+/-0.182 χ^2/NDF: 10110.4/2

Left Out: -18.565+/-0.040 χ^2/NDF:86349.5/24

Right Out: 3.792+/-0.093 χ^2/NDF: 1500.4/3

Left In: -17.335+/-0.039 χ^2/NDF:44078.7/22

Left: -17.934+/-0.028 χ^2/NDF: 130909.9/47

Right: 5.080+/-0.082 χ^2/NDF: 12553.7/6

In: -16.122+/-0.038 χ^2/NDF:75866.6/25

Out: -15.024+/-0.037 χ^2/NDF:136981.1/28

All: -15.552+/-0.027 χ^2/NDF: 213275.2/54

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected

Right In: 1.193+/-0.060 χ^2/NDF: 1964.1/19

Left Out: 0.590+/-0.033 χ^2/NDF:6780.3/24

Right Out: 0.728+/-0.054 χ^2/NDF: 1383.8/22

Left In: 0.394+/-0.032 χ^2/NDF:6112.7/22

Left: 0.487+/-0.023 χ^2/NDF: 12911.2/47

Right: 0.936+/-0.040 χ^2/NDF: 3380.6/42

In: 0.566+/-0.028 χ^2/NDF:8213.9/42

Out: 0.628+/-0.028 χ^2/NDF:8168.8/47

All: 0.597+/-0.020 χ^2/NDF: 16385.1/90

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected

Right In: -4.381+/-0.091 χ^2/NDF: 11606.0/19

Left Out: 18.569+/-0.040 χ^2/NDF:75983.2/24

Right Out: -2.819+/-0.061 χ^2/NDF: 2426.7/22

Left In: 16.854+/-0.039 χ^2/NDF:40590.0/22

Left: 17.679+/-0.028 χ^2/NDF: 117514.0/47

Right: -3.299+/-0.051 χ^2/NDF: 14234.9/42

In: 13.617+/-0.036 χ^2/NDF:97925.3/42

Out: 12.046+/-0.034 χ^2/NDF:164318.8/47

All: 12.784+/-0.024 χ^2/NDF: 263271.2/90

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected

Right In: -1.477+/-0.071 χ^2/NDF: 2387.9/19

Left Out: -1.397+/-0.037 χ^2/NDF:7631.3/24

Right Out: -1.309+/-0.064 χ^2/NDF: 1863.7/22

Left In: -1.132+/-0.035 χ^2/NDF:6638.3/22

Left: -1.258+/-0.025 χ^2/NDF: 14296.5/47

Right: -1.385+/-0.047 χ^2/NDF: 4254.7/42

In: -1.201+/-0.031 χ^2/NDF:9045.3/42

Out: -1.375+/-0.032 χ^2/NDF:9496.4/47

All: -1.286+/-0.022 χ^2/NDF: 18556.8/90

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected

Right In: 0.270+/-0.004 χ^2/NDF: 5229.2/19

Left Out: 0.115+/-0.002 χ^2/NDF:4423.4/24

Right Out: 0.253+/-0.004 χ^2/NDF: 1627.8/22

Left In: 0.092+/-0.002 χ^2/NDF:3632.6/22

Left: 0.103+/-0.001 χ^2/NDF: 8162.4/47

Right: 0.260+/-0.003 χ^2/NDF: 6867.1/42

In: 0.115+/-0.001 χ^2/NDF:10538.3/42

Out: 0.140+/-0.001 χ^2/NDF:7279.3/47

All: 0.127+/-0.001 χ^2/NDF: 17964.4/90