ap_30MeV_loose_eleP eleP_0 **Entries** 1999 Mean 0.08313 250 **RMS** 0.1761 χ^2 / ndf 155.2 / 33 Constant 233.8 ± 8.9 200 Mean -0.002124 ± 0.000649 Sigma 0.02451 ± 0.00068 150 100 50 8.0

ap_30MeV_L1L1_eleP eleP_1 **Entries** 797 0.09492 Mean 100 0.1858 **RMS** χ^2 / ndf 47.35 / 27 101.9 ± 5.6 Constant 80 Mean -0.00118 ± 0.00094 Sigma 0.02218 ± 0.00080 60 40 20 8.0

ap_30MeV_L1L2_eleP eleP_2 **Entries** 132 Mean -6.439e-05 25 **RMS** 0.03278 χ^2 / ndf 14.2 / 12 Constant 24.53 ± 3.06 20 -0.0004277 ± 0.0017853 Mean Sigma 0.01906 ± 0.00163 15 10 5 MП. -0.20.2 0.6 0.4 8.0

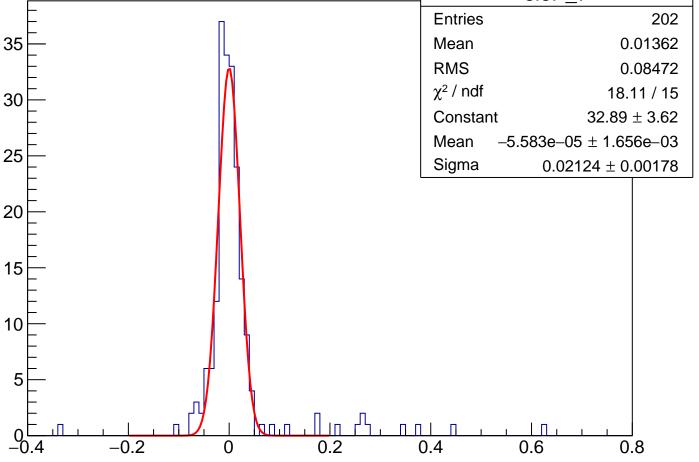
ap_30MeV_L2L2_eleP eleP_3 **Entries** 90 16 Mean -0.01031**RMS** 0.03149 14 χ^2 / ndf 11.96 / 12 13.04 ± 1.93 Constant 12 Mean -0.003849 ± 0.002969 Sigma 0.02451 ± 0.00267 10 8 6 4 2 -0.20.2 0.6 0.4 8.0

ap_30MeV_L1L1_loose_eleP eleP_4 **Entries** 1148 140 Mean 0.1162 **RMS** 0.1978 χ^2 / ndf 89.11 / 32 120 Constant 125 ± 6.4 Mean -0.001533 ± 0.000869 100 Sigma 0.02359 ± 0.00085 80 60 40 20 لىلىلىك) -0.4 0.2 8.0

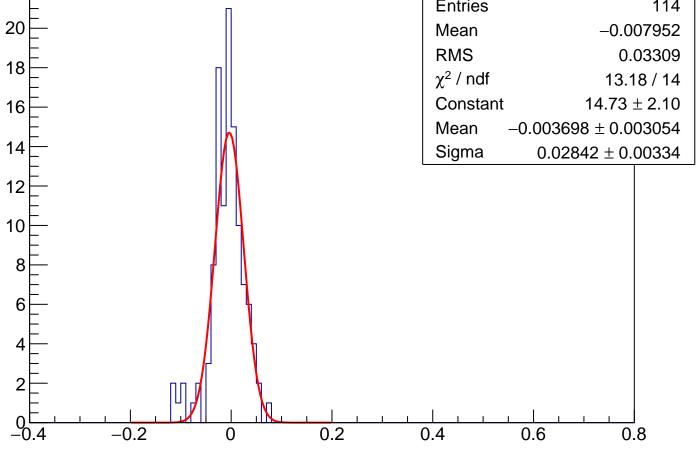
ap_30MeV_L1L2_loose_eleP eleP_5 **Entries** 492 70 Mean 0.05882 **RMS** 0.1424 60 χ^2 / ndf 52.5 / 26 67.22 ± 5.05 Constant Mean -0.001202 ± 0.001136 50 Sigma 0.02169 ± 0.00117 40 30 20 10 -0.2 0.6 8.0

ap_30MeV_L2L2_loose_eleP eleP_6 30 **Entries** 198 Mean -0.0107**RMS** 0.03378 25 χ^2 / ndf 17.76 / 18 Constant 26.06 ± 2.70 Mean -0.006274 ± 0.002132 20 Sigma 0.02776 ± 0.00208 15 10 5 ·M -0.20.2 0.4 0.6 8.0

ap_30MeV_L1L2_loose_extrap_eleP eleP_7 **Entries** 202 Mean 0.01362 **RMS** 0.08472 χ^2 / ndf 18.11 / 15 Constant 32.89 ± 3.62 Mean $-5.583e-05 \pm 1.656e-03$ Sigma 0.02124 ± 0.00178



ap_30MeV_L2L2_loose_extrap_eleP eleP 8 **Entries** 114 Mean -0.007952**RMS** 0.03309 χ^2 / ndf 13.18 / 14 14.73 ± 2.10 Constant Mean -0.003698 ± 0.003054 Sigma 0.02842 ± 0.00334



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