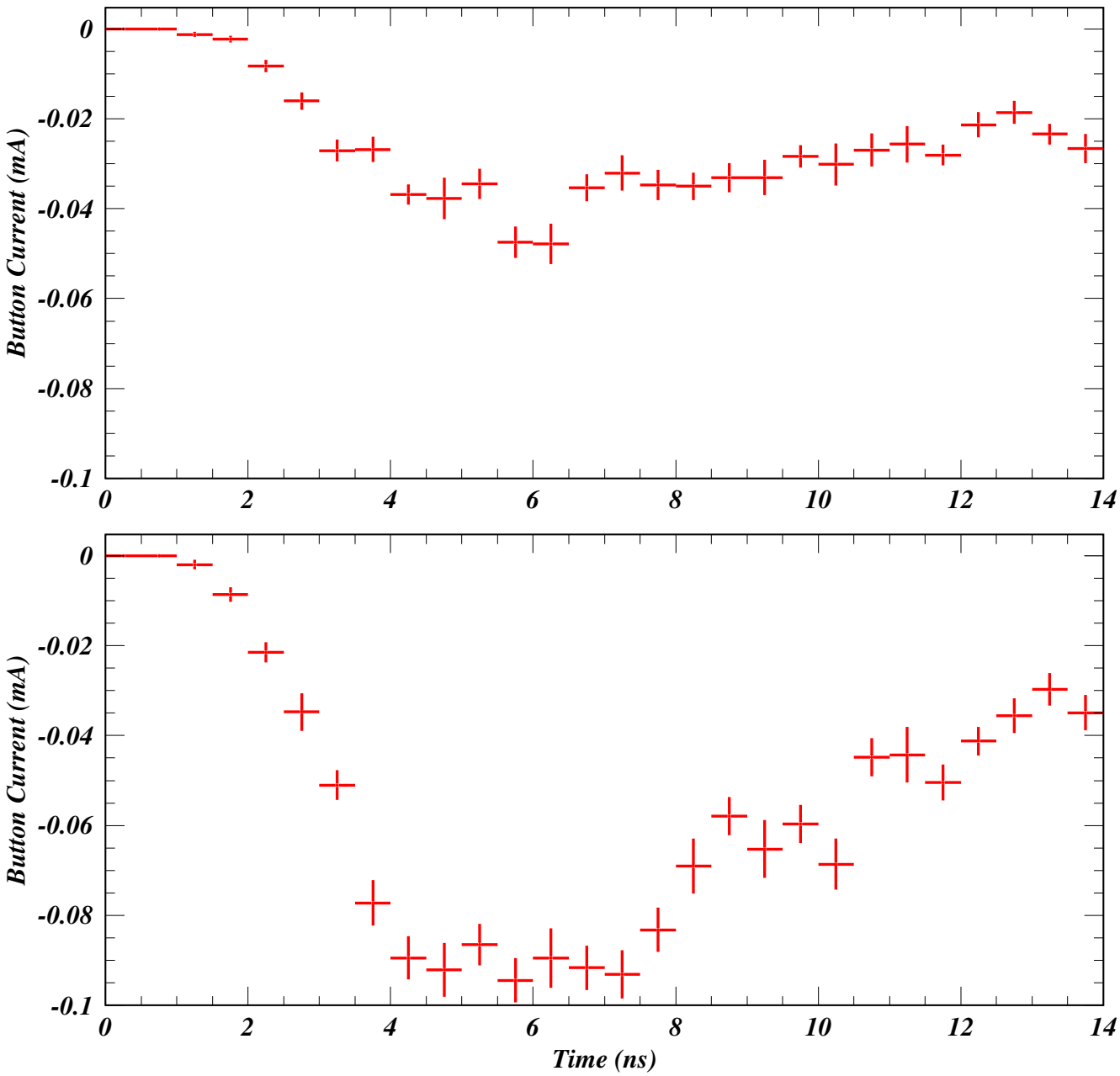
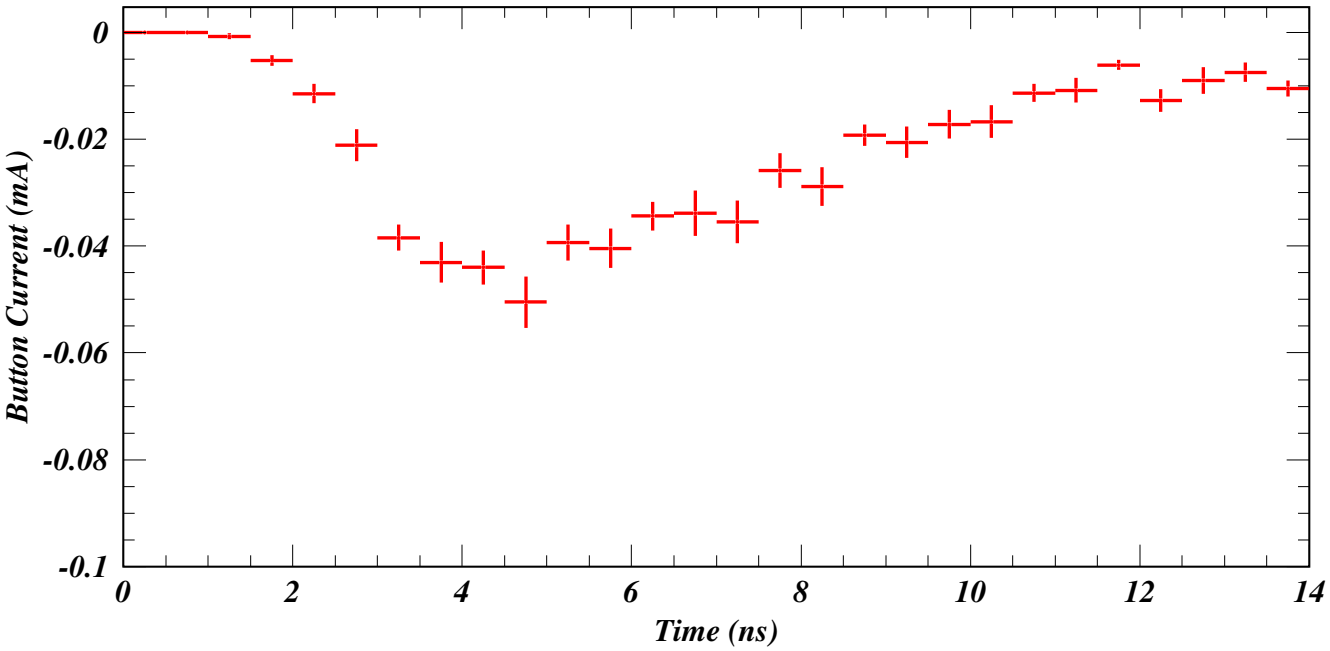
10/09/08 11.16

Job 16908: Shielded Button Simulation



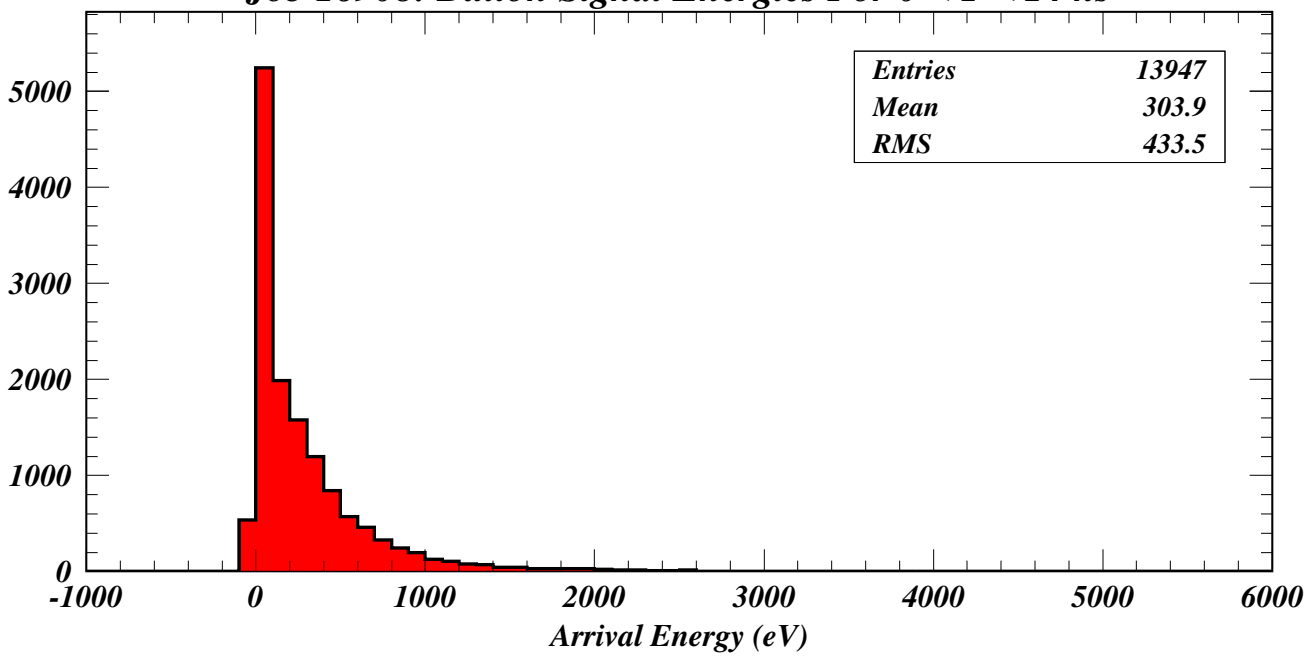
10/09/08 11.16

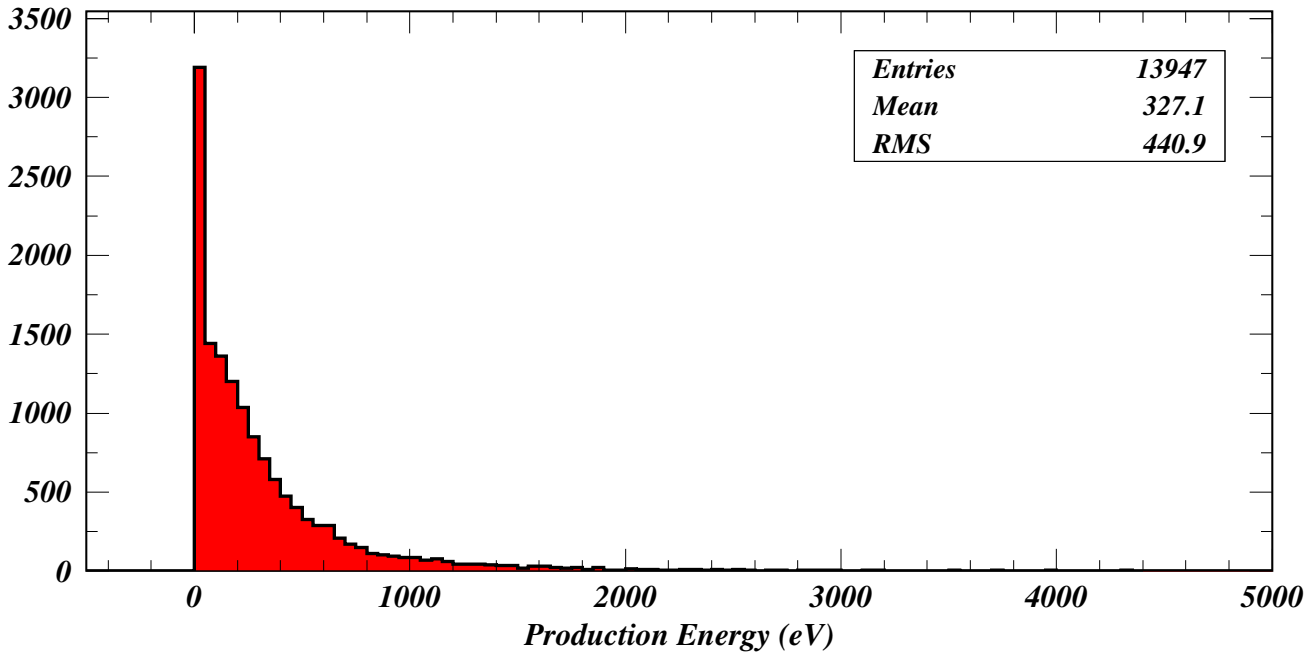
Job 16908: Shielded Button Simulation



10/09/08 11.16

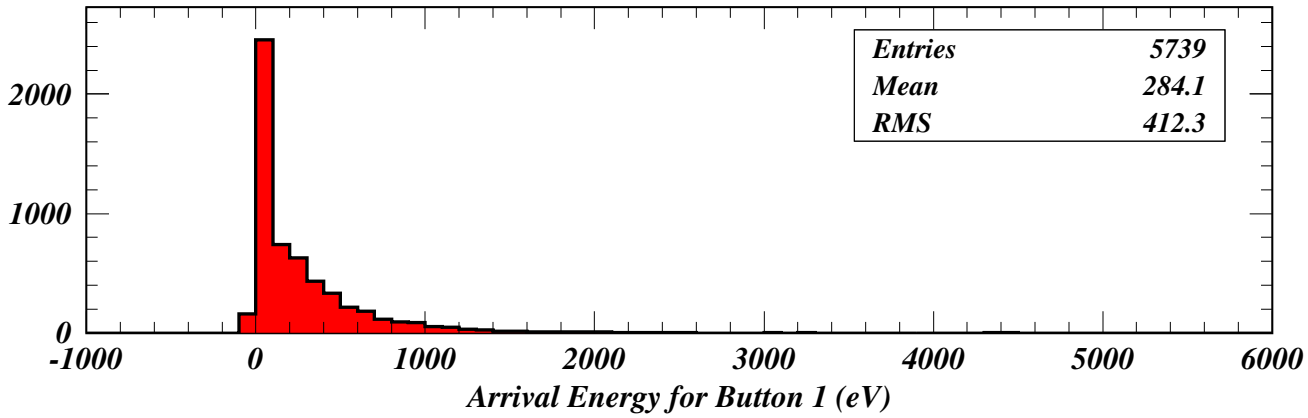
Job 16908: Button Signal Energies For 0 < T < 14 ns

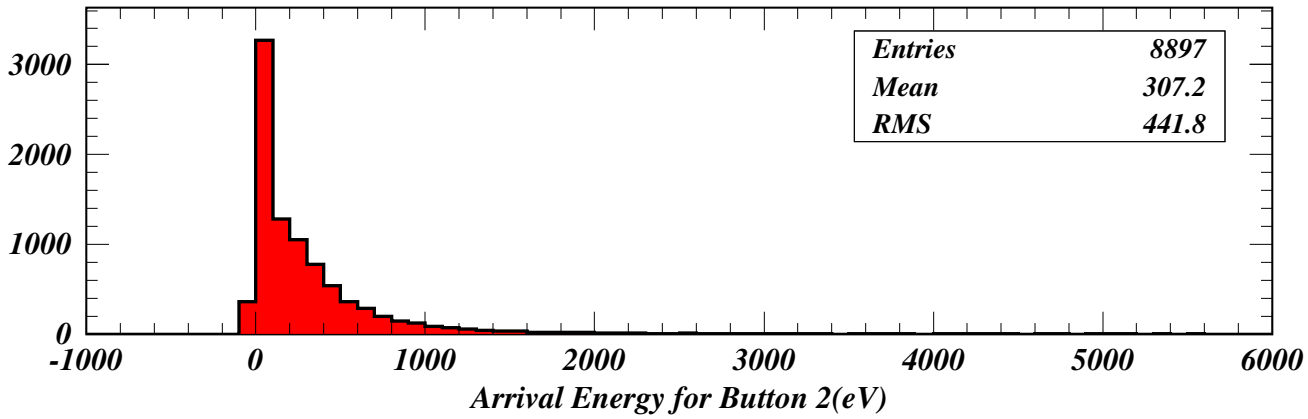


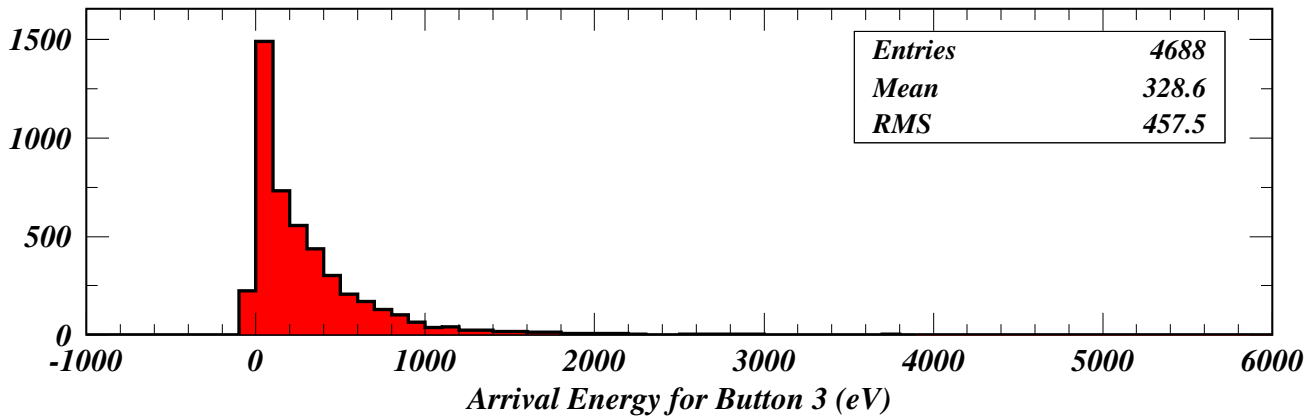


10/09/08 11.16

Job 16908: Button Signal Energies For 0 < T < 14 ns

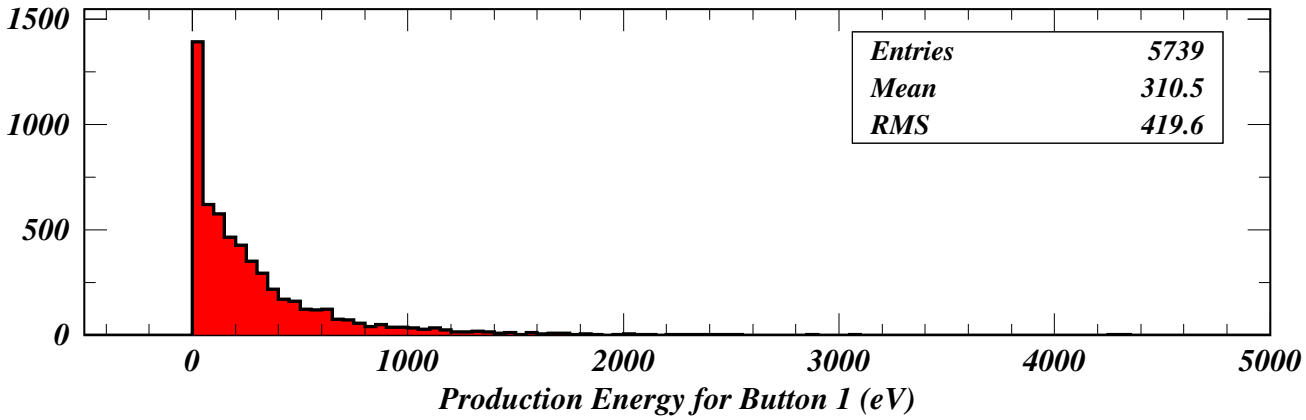


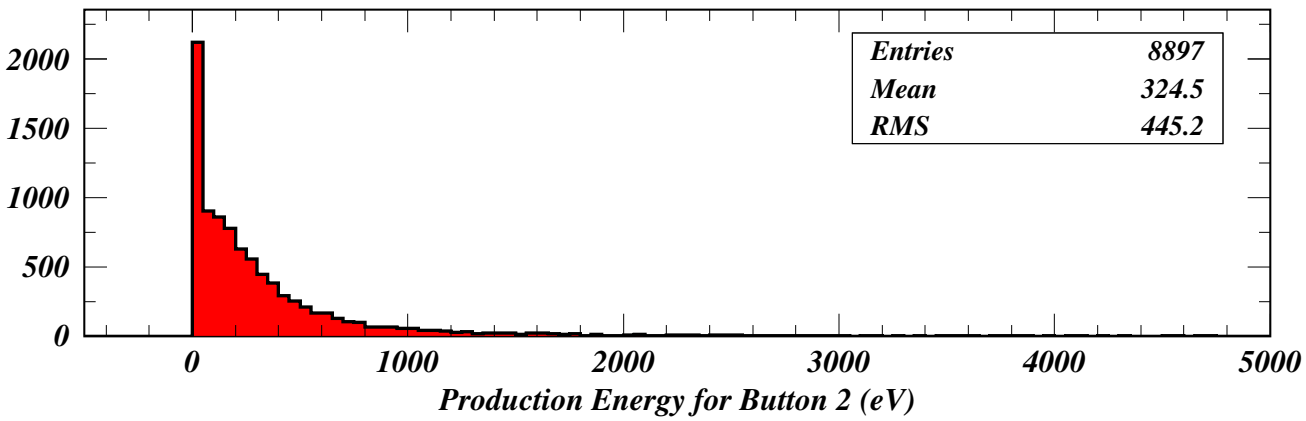


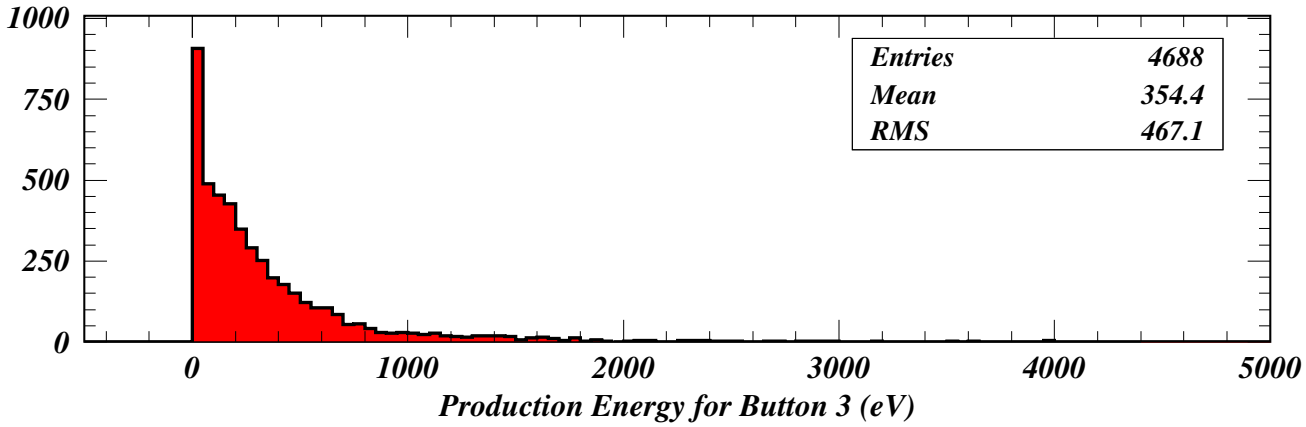


10/09/08 11.16

Job 16908: Button Signal Energies For 0 < T < 14 ns

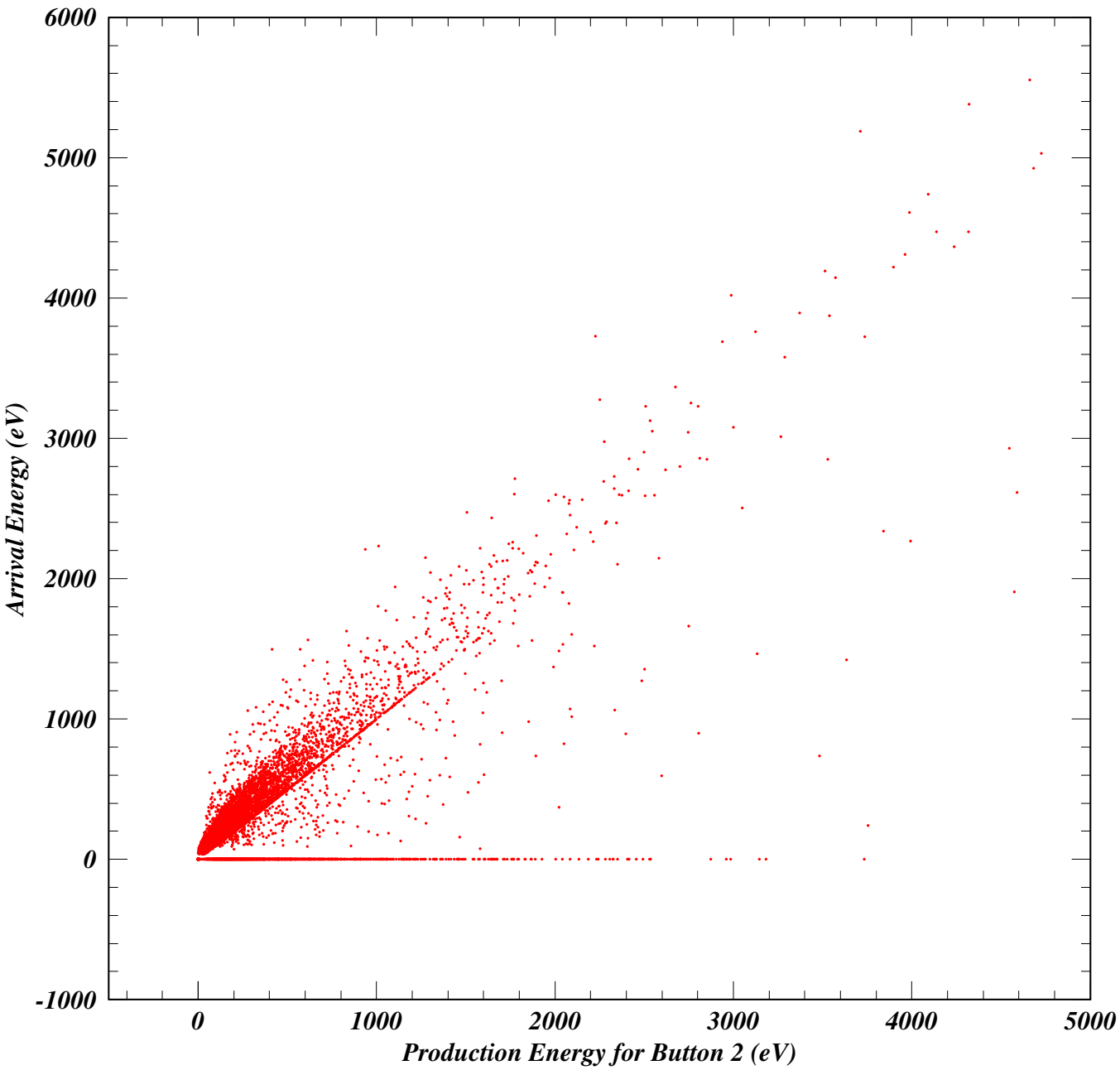




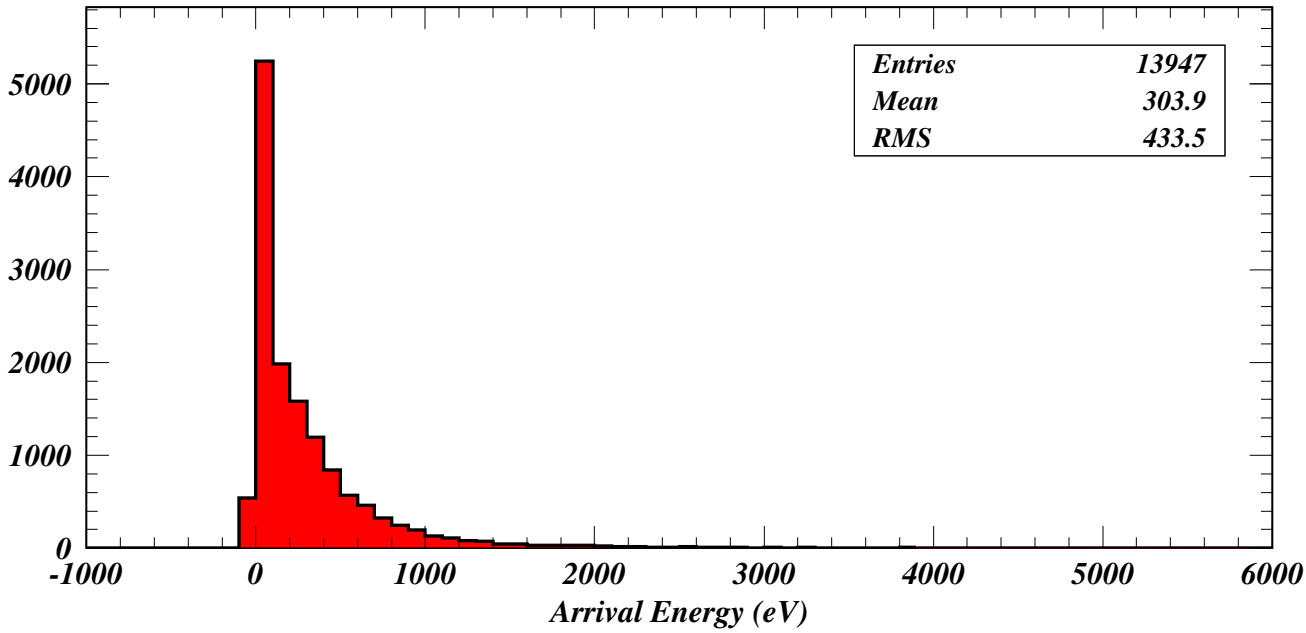


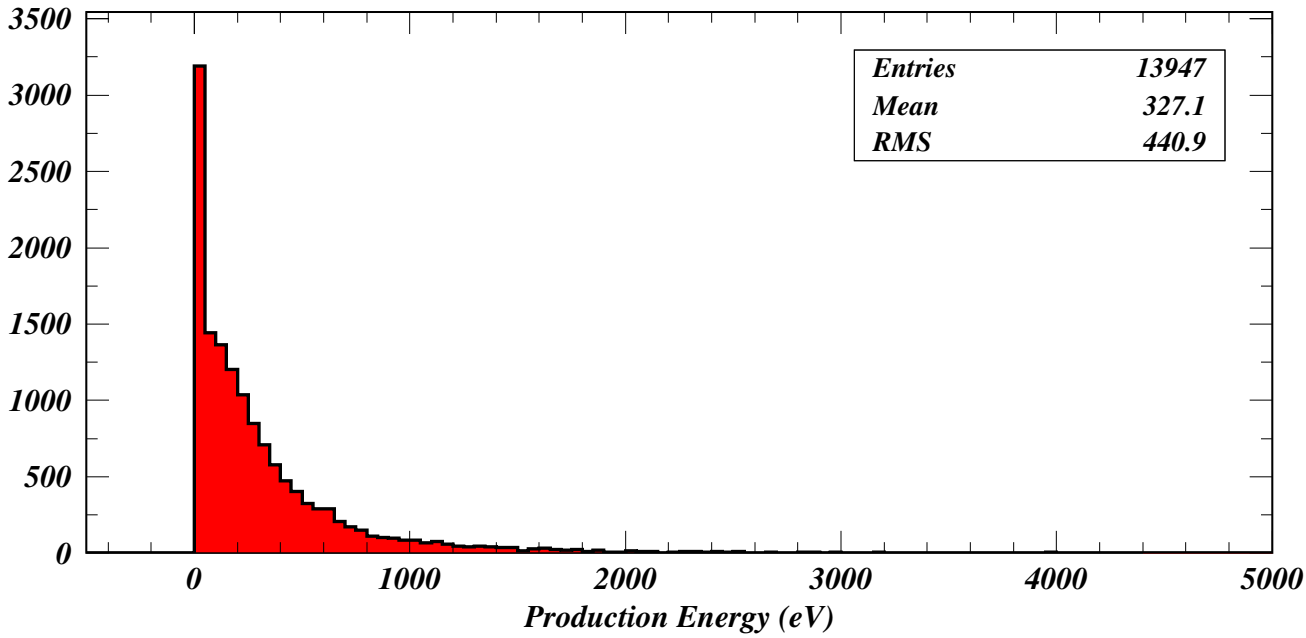
10/09/08 11.16

Job 16908: Button Signal Energies For 0 < T < 14 ns

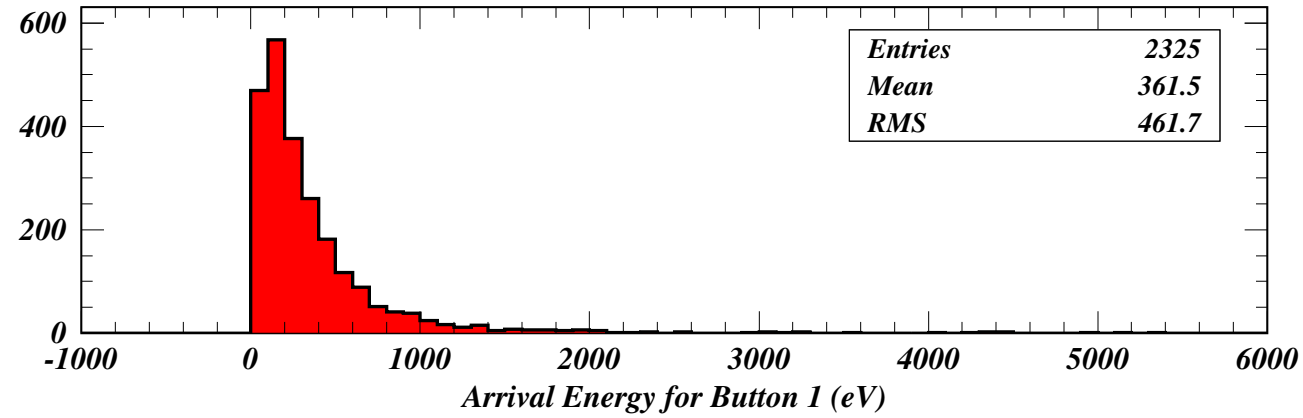


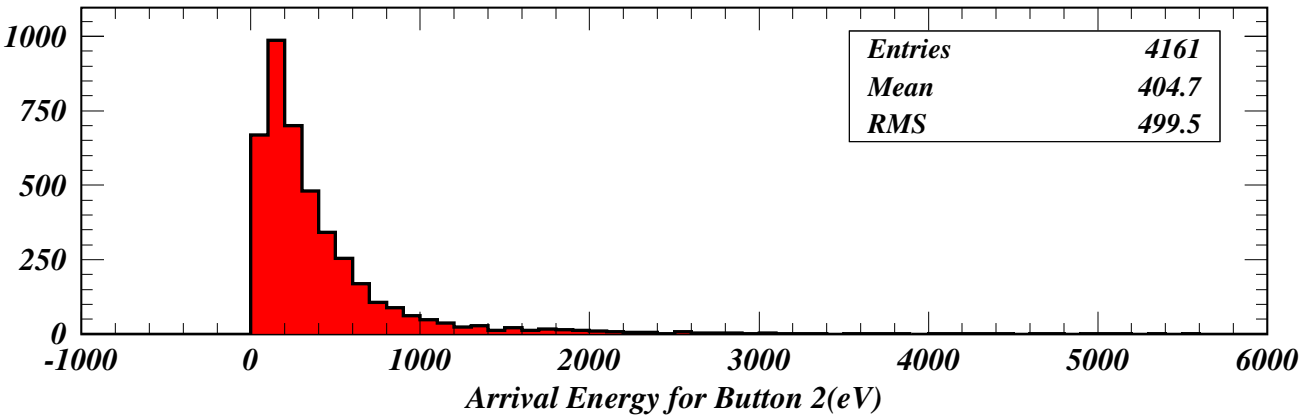
Job 16908: Button Signal Energies For 0 < T < 14 ns: Primaries Only

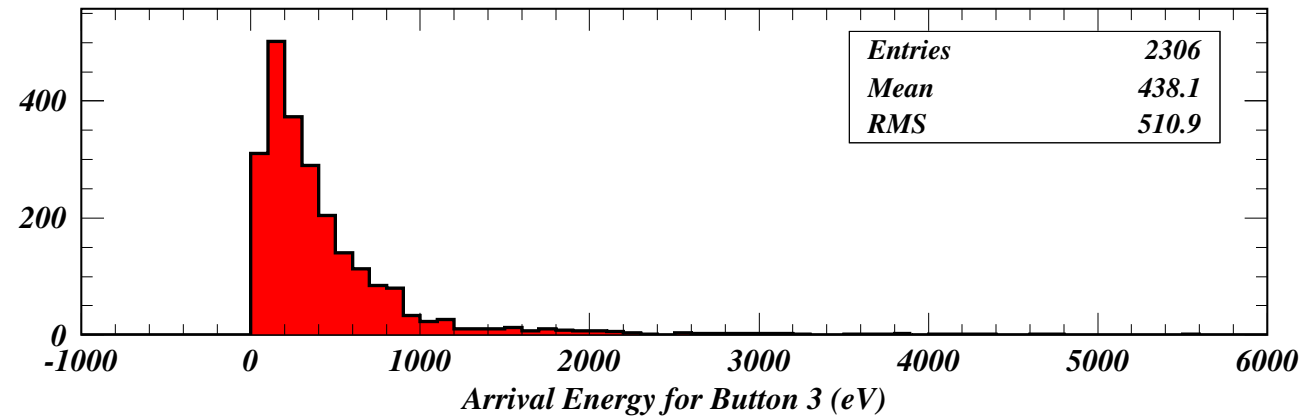




Job 16908: Button Signal Energies For 0 < T < 14 ns: Primaries Only

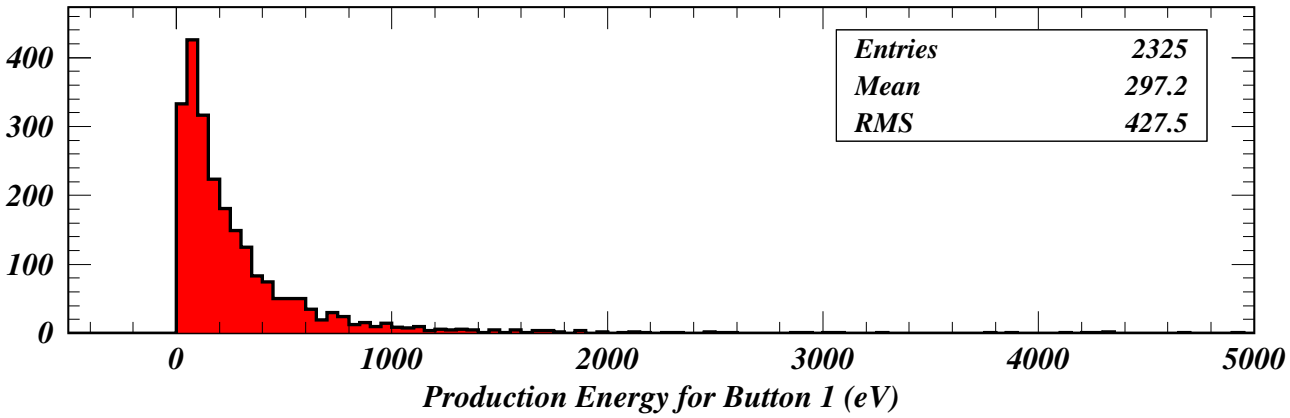


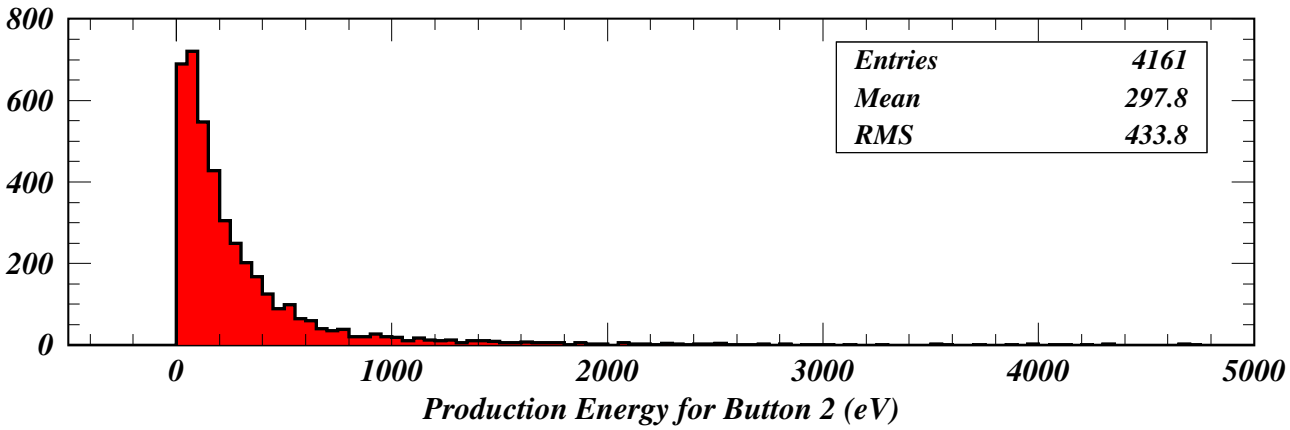


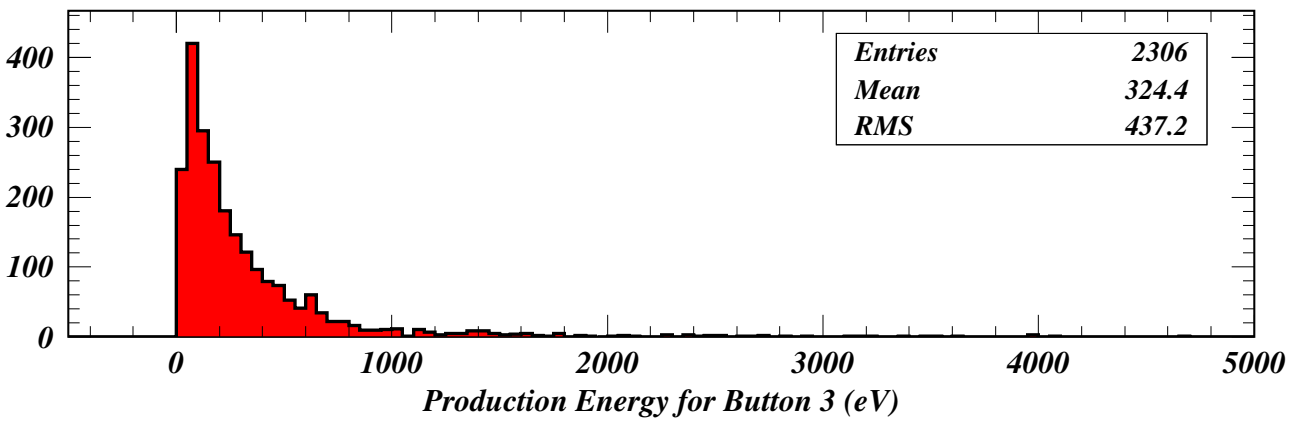


10/09/08 11.16

Job 16908: Button Signal Energies For 0 < T < 14 ns: Primaries Only

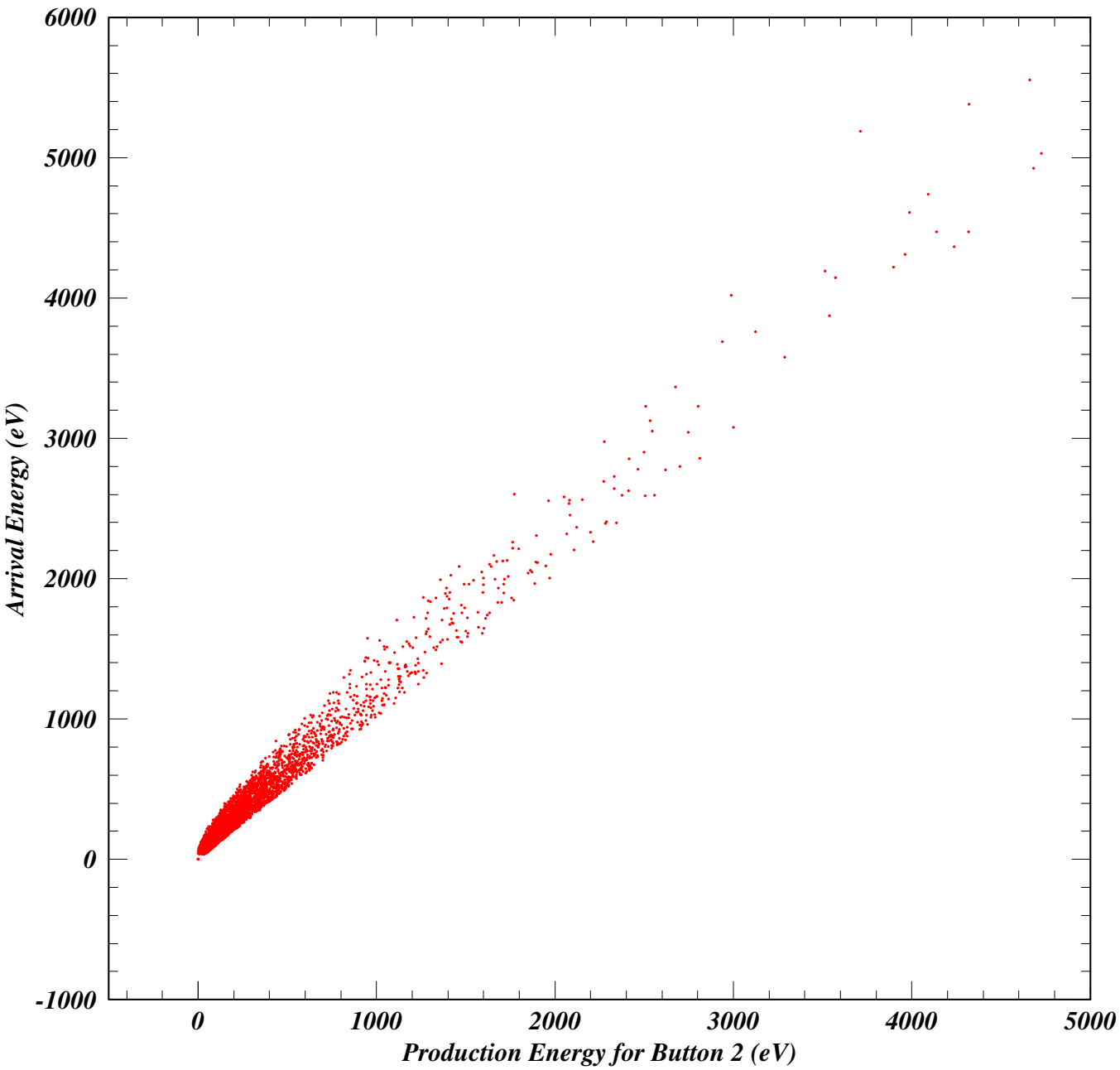






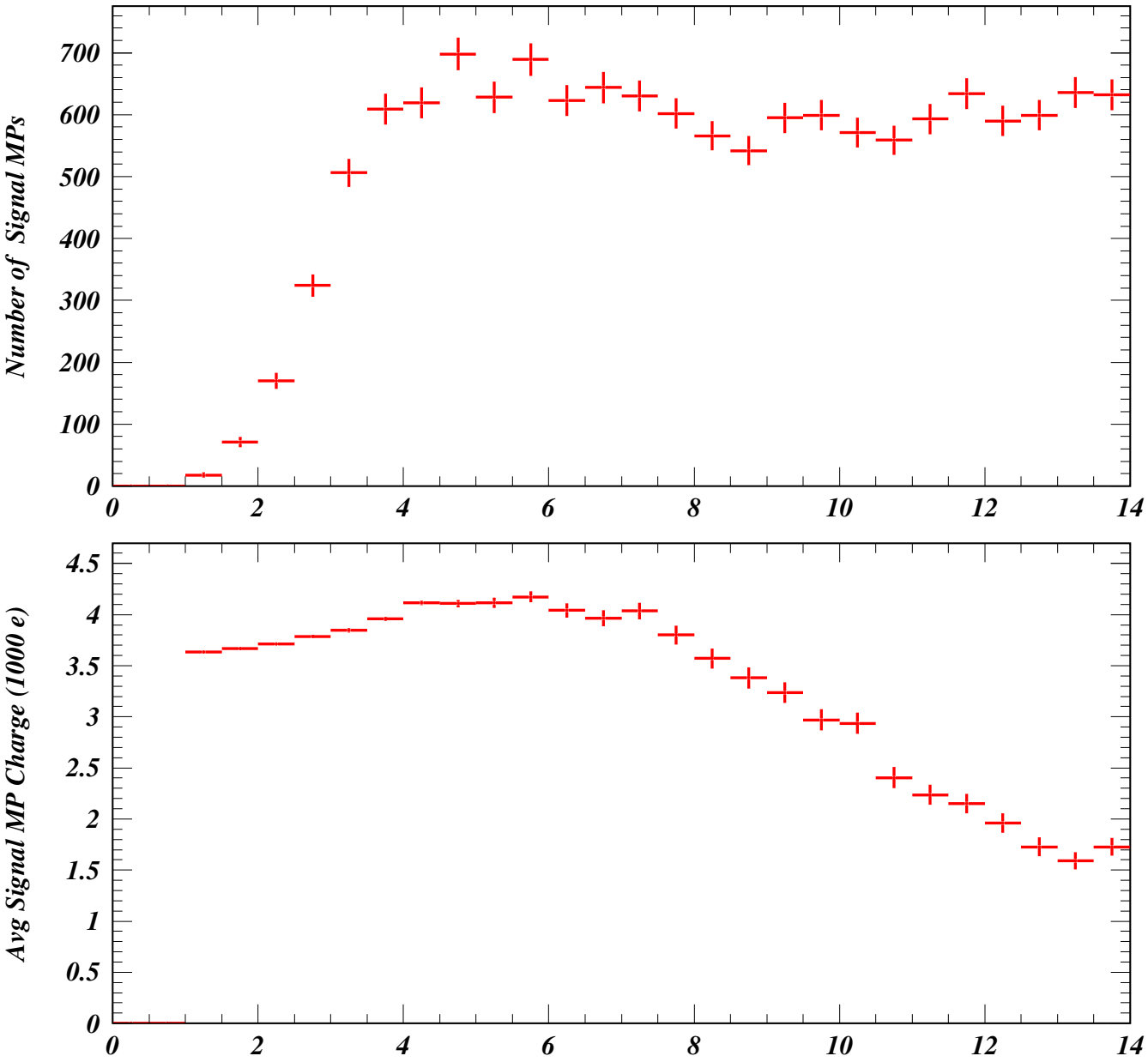
10/09/08 11.16

Job 16908: Button Signal Energies For 0 < T < 14 ns: Primaries Only



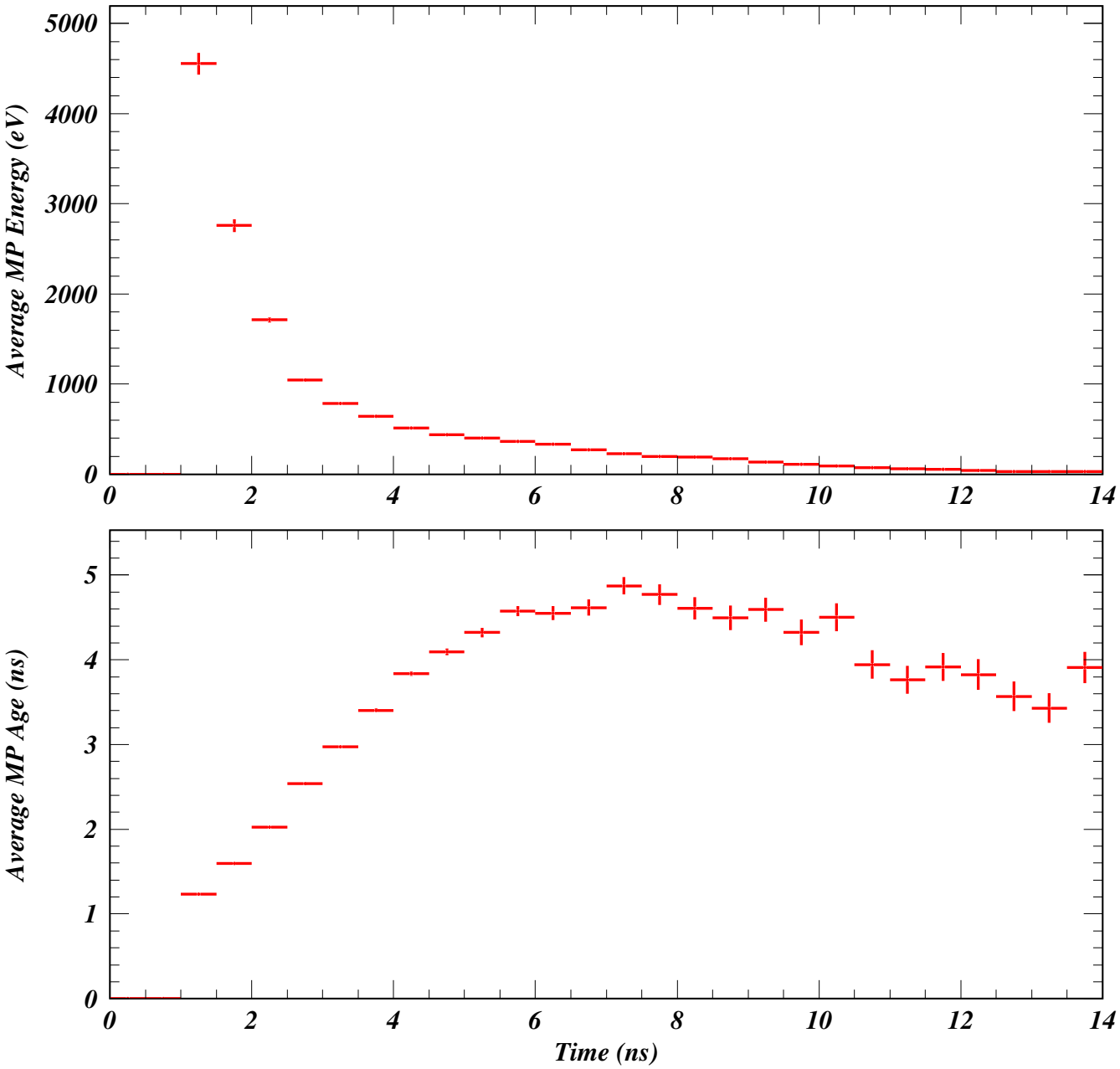
10/09/08 11.16

Job 16908: Button Signal Macroparticles For 0 < T < 14 ns



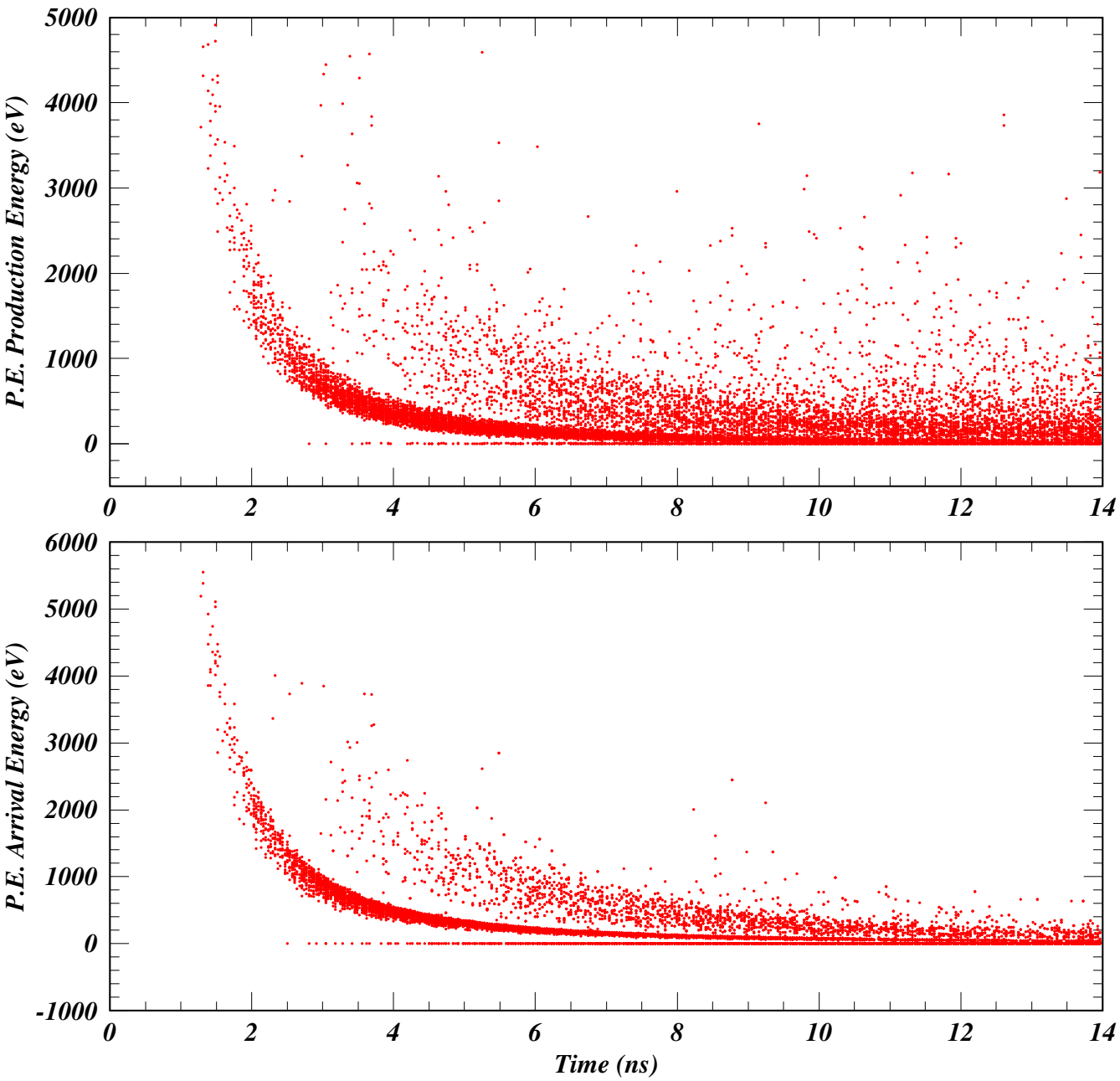
10/09/08 11.16

Job 16908: Button Signal Macroparticles For 0 < T < 14 ns



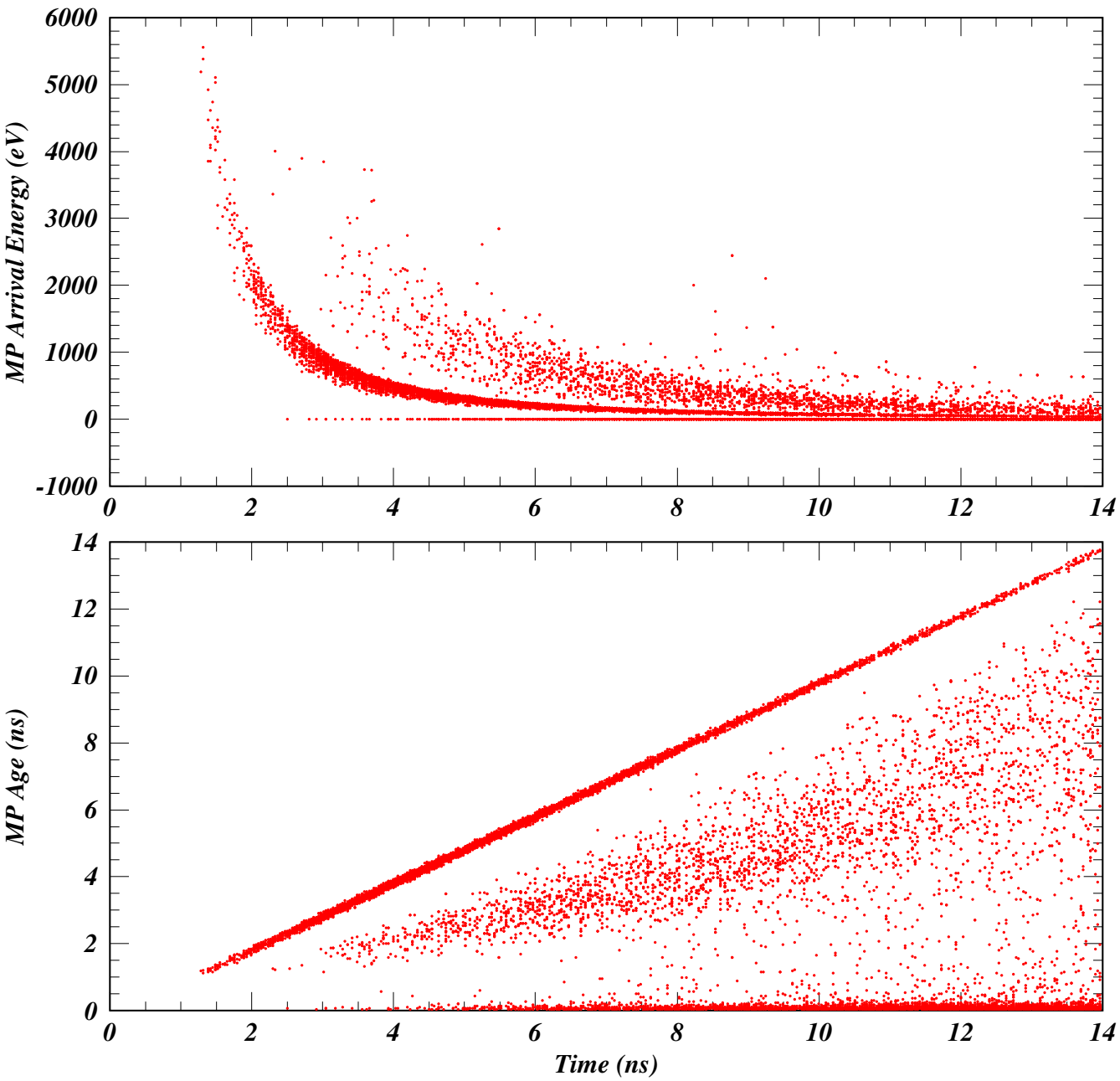
10/09/08 11.16

Job 16908: Button Signal Macroparticles For 0 < T < 14 ns

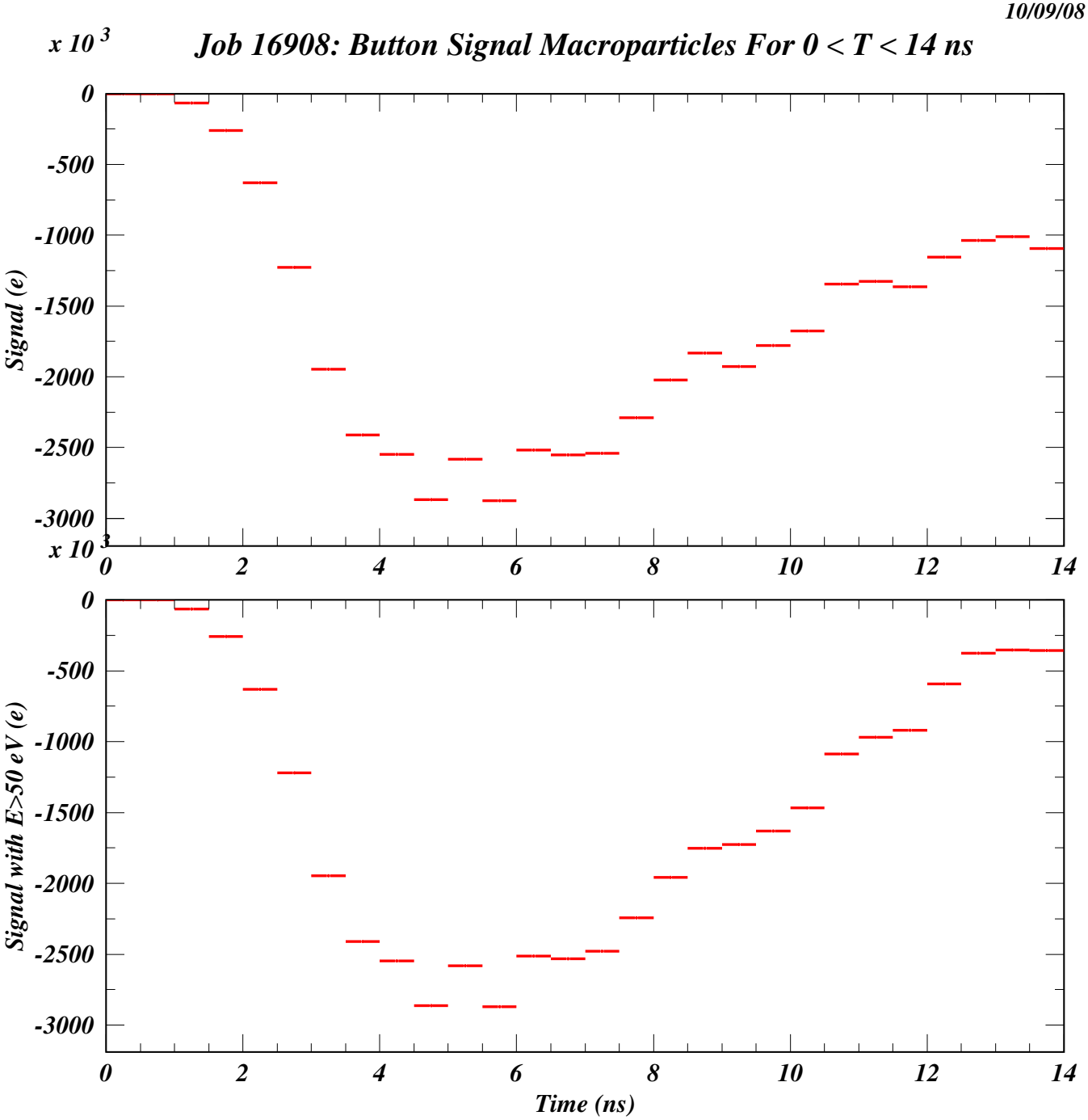


10/09/08 11.16

Job 16908: Button Signal Macroparticles For 0 < T < 14 ns

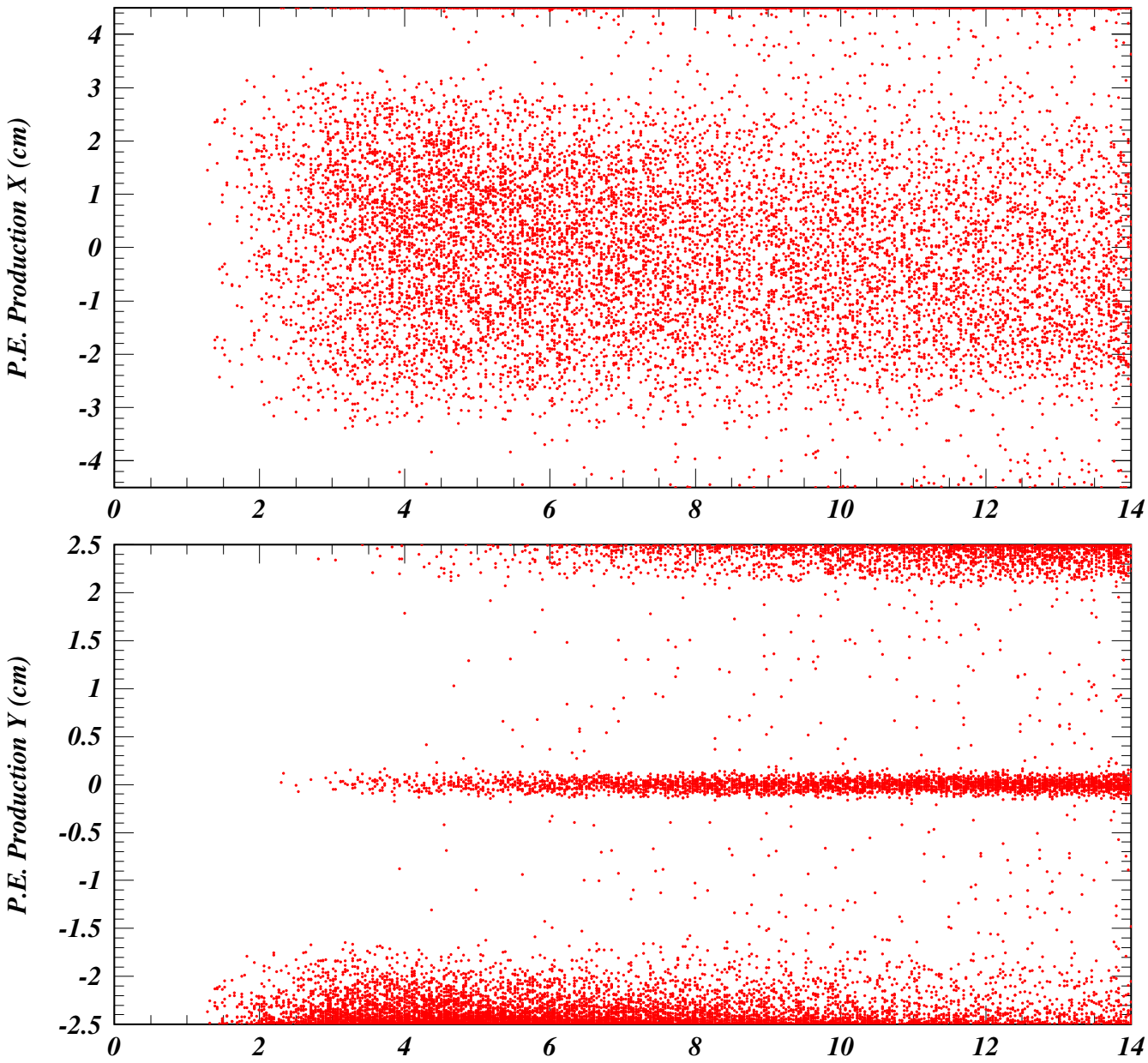


10/09/08 11.16


x 10 3
Job 16908: Button Signal Macroparticles For 0 < T < 14 ns
Signal (e)
0
-500
-1000
-1500
-2000
-2500
-3000
x 10 3
0
2
4
6
8
10
12
14
Signal with E>50 eV (e)
Time (ns)

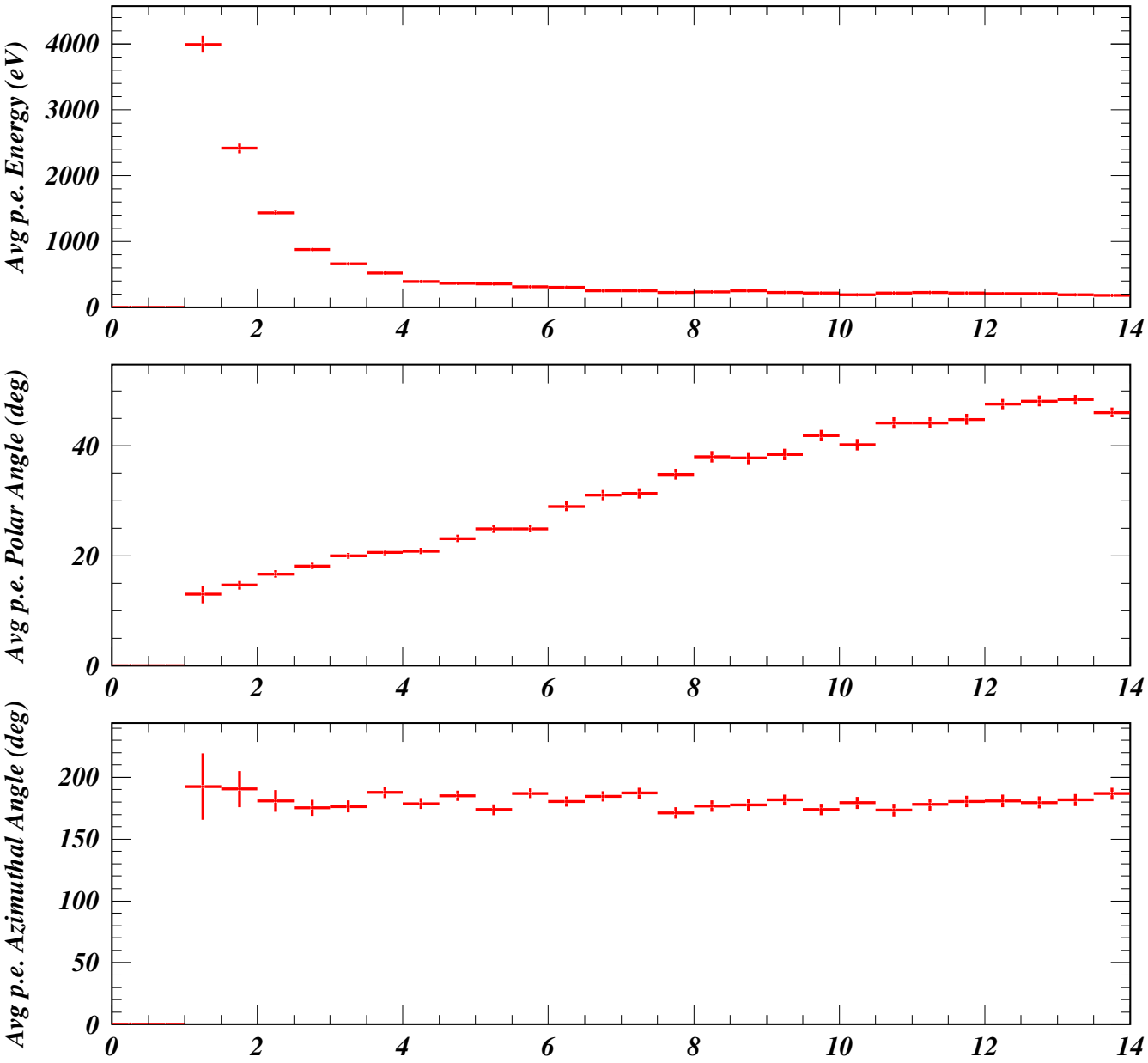
10/09/08 11.16

Job 16908: Button Signal Macroparticles For 0 < T < 14 ns

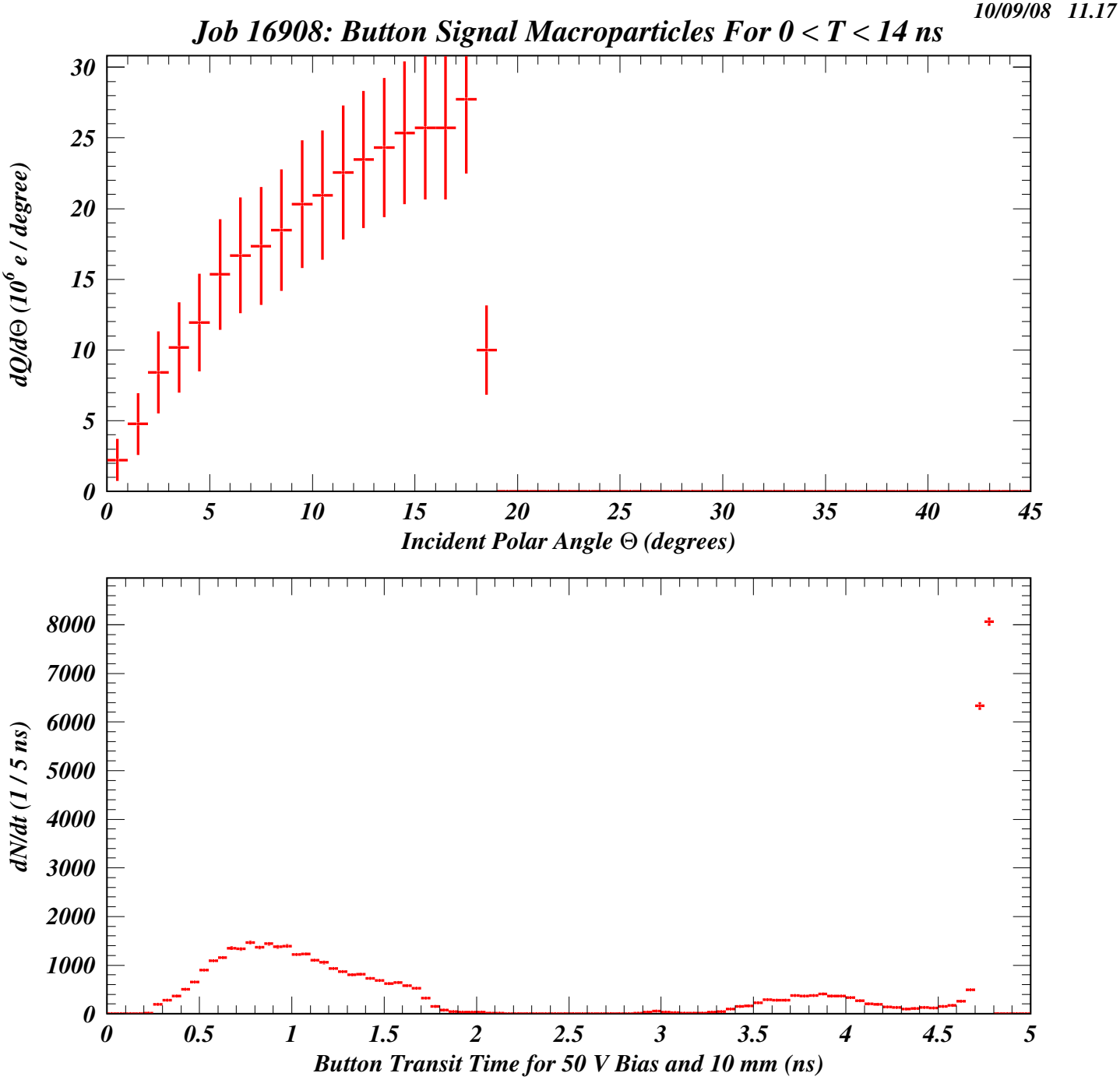


10/09/08 11.17

Job 16908: Button Signal Macroparticles For 0 < T < 14 ns



10/09/08 11.17


Job 16908: Button Signal Macroparticles For 0 < T < 14 ns
dQ/dΘ (10^6 e / degree)
Incident Polar Angle Θ (degrees)
dN/dt (1 / 5 ns)
Button Transit Time for 50 V Bias and 10 mm (ns)