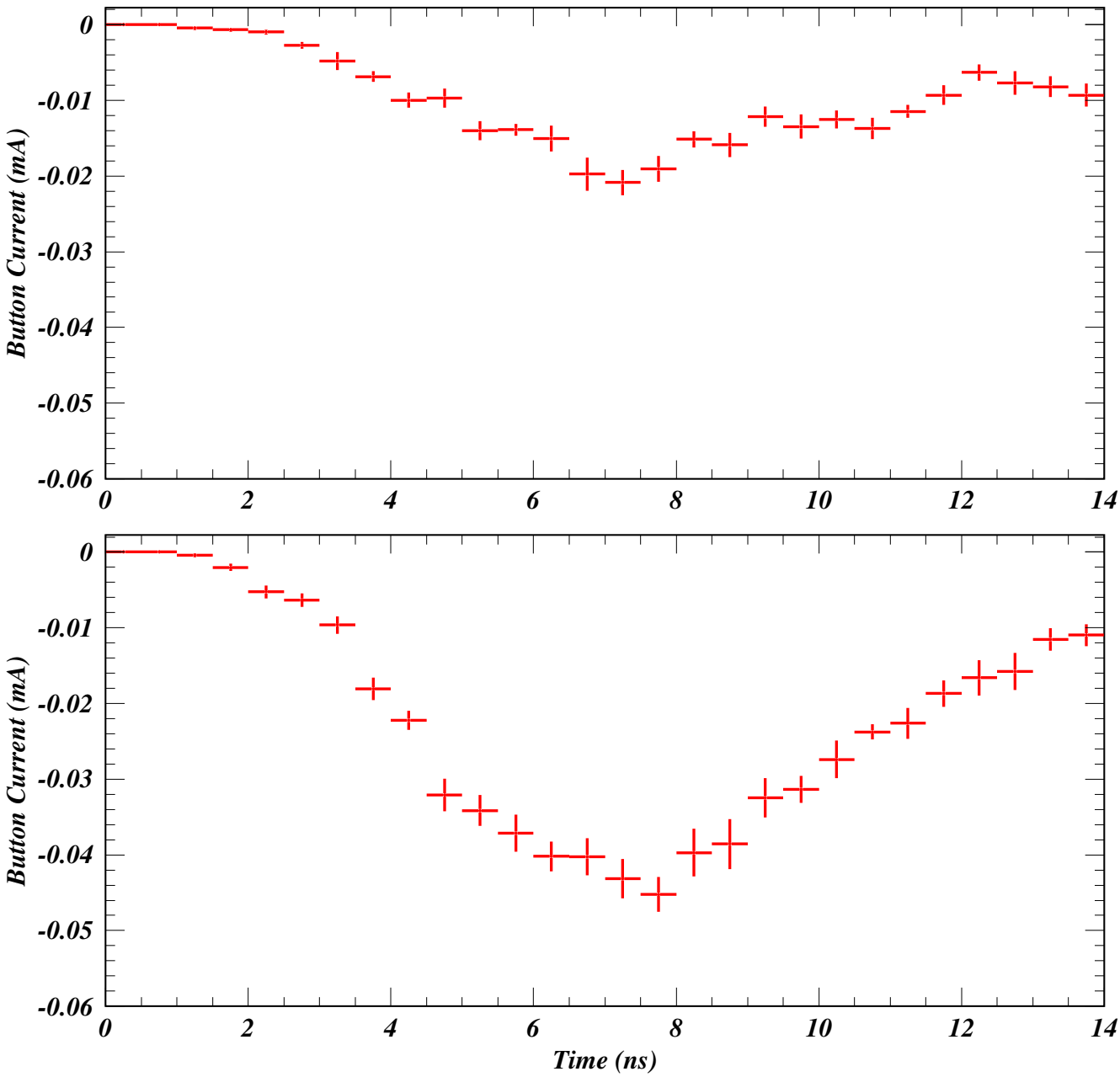
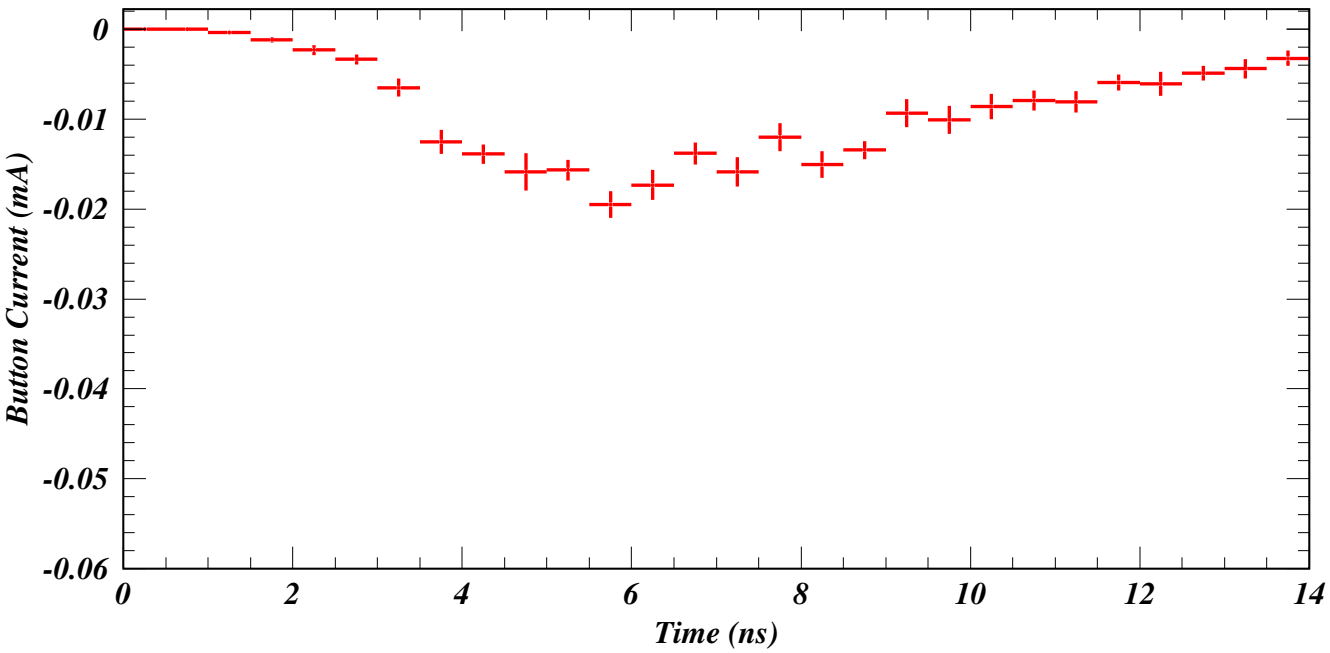
10/09/08 10.32

Job 16910: Shielded Button Simulation



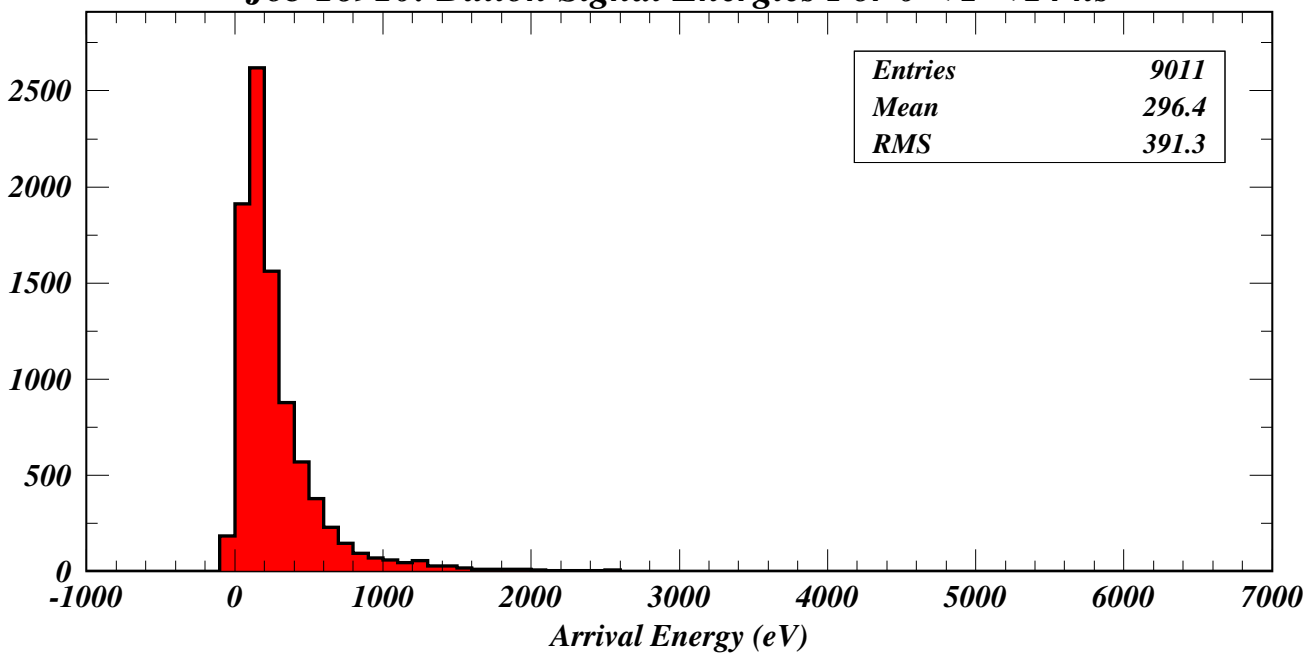
10/09/08 10.32

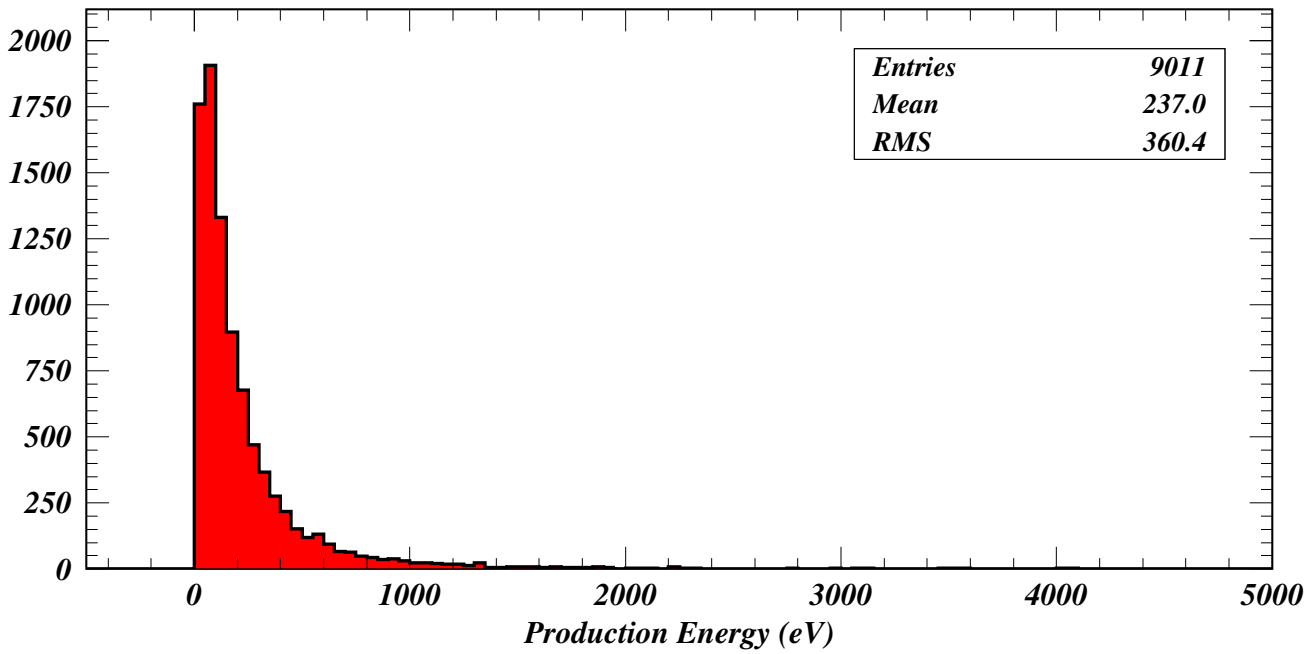
Job 16910: Shielded Button Simulation



10/09/08 10.32

Job 16910: Button Signal Energies For 0 < T < 14 ns





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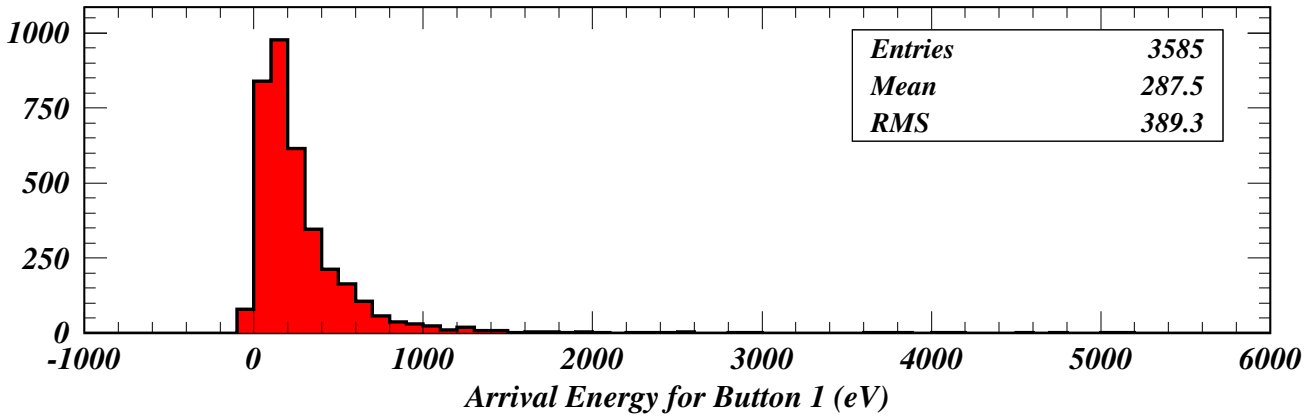
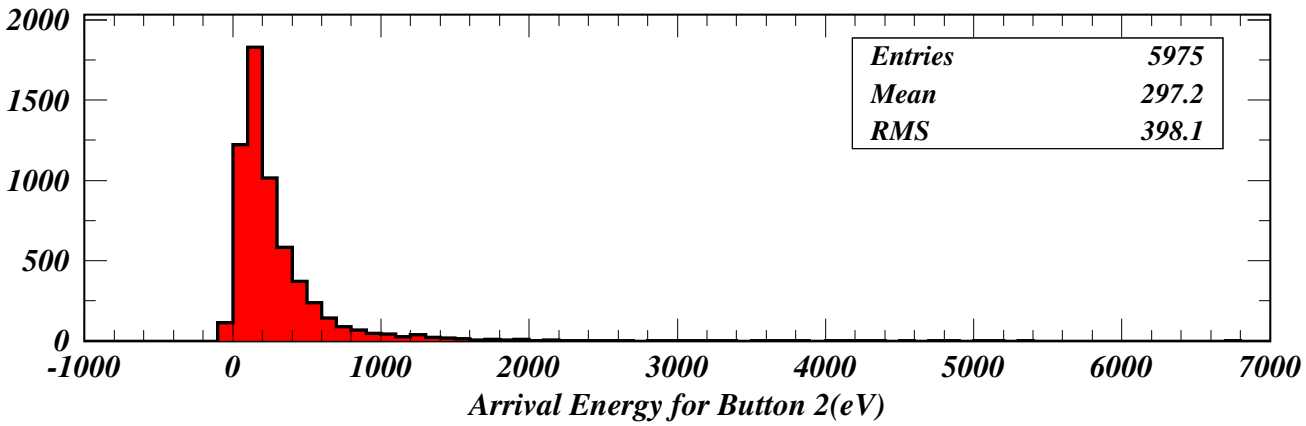
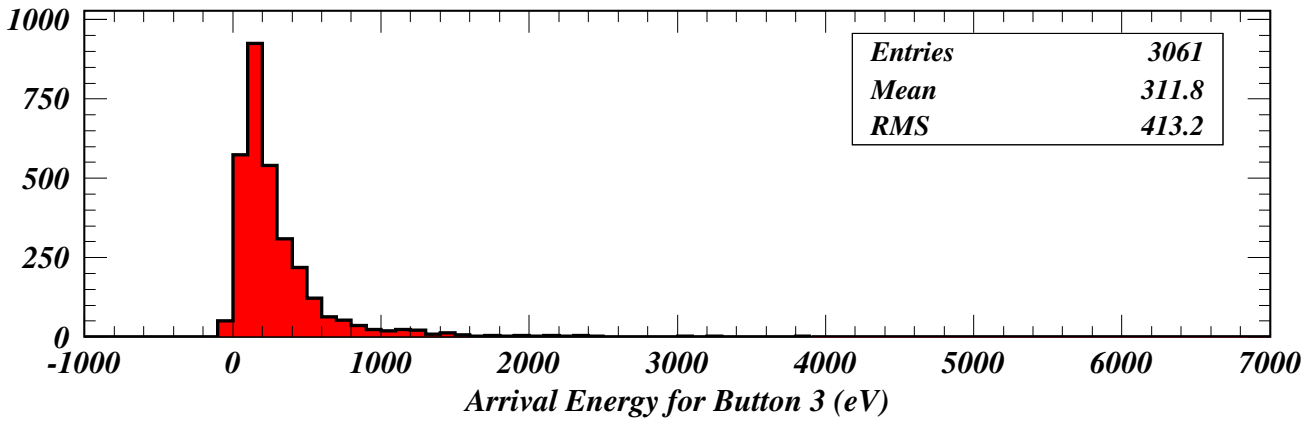
Job 16910: Button Signal Energies For 0 < T < 14 ns







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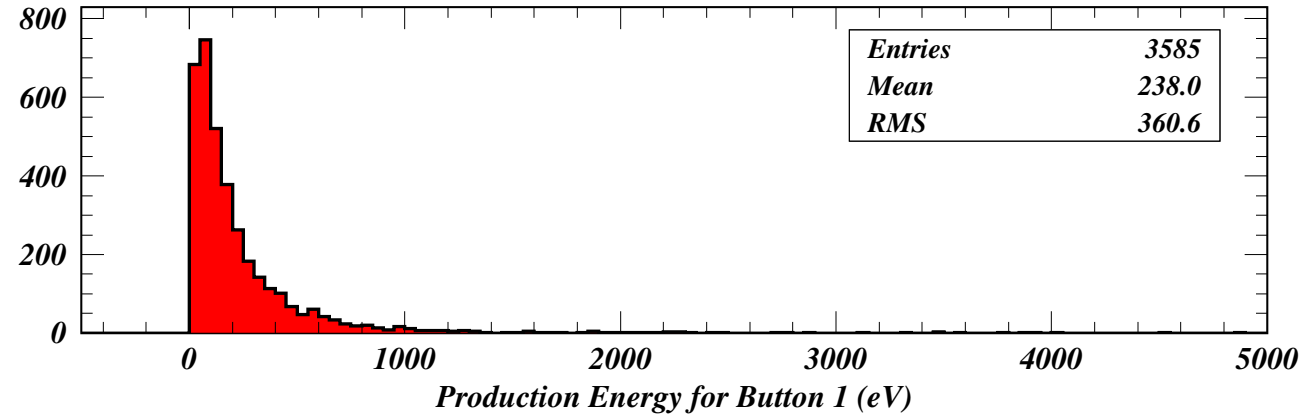
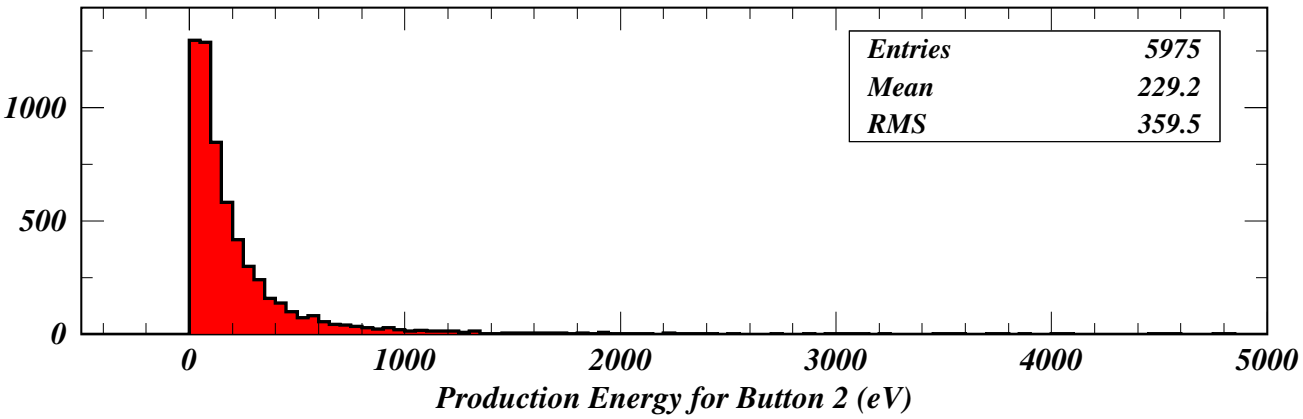
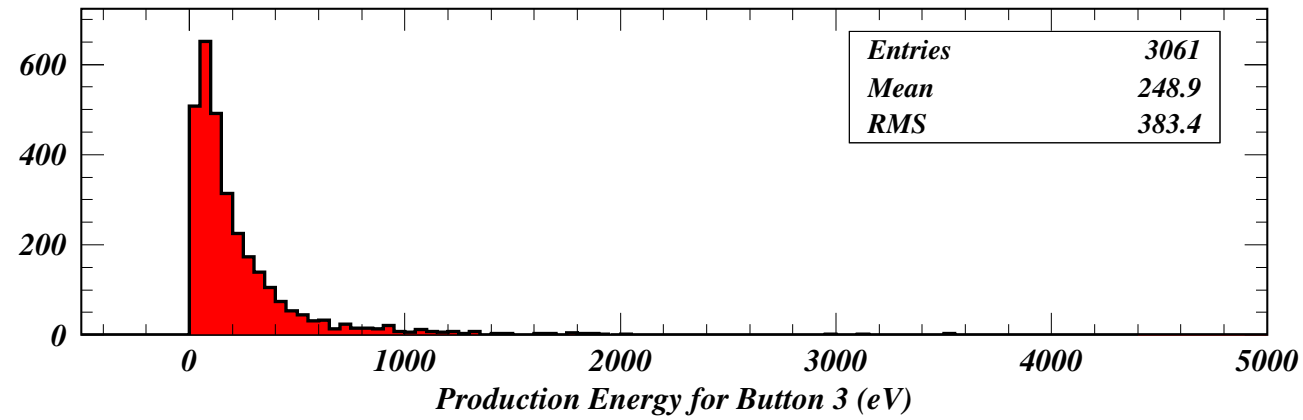
Job 16910: Button Signal Energies For 0 < T < 14 ns







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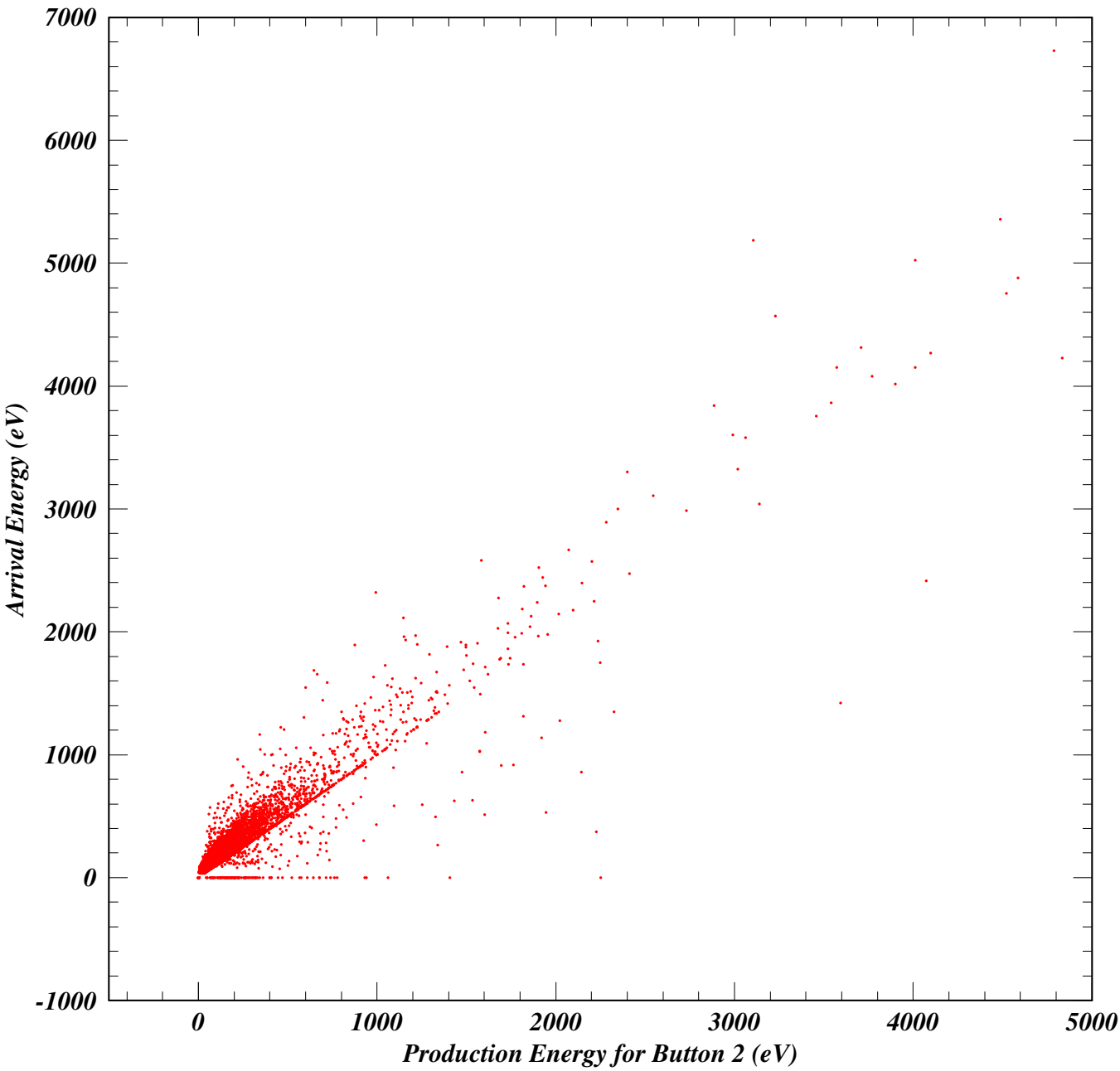
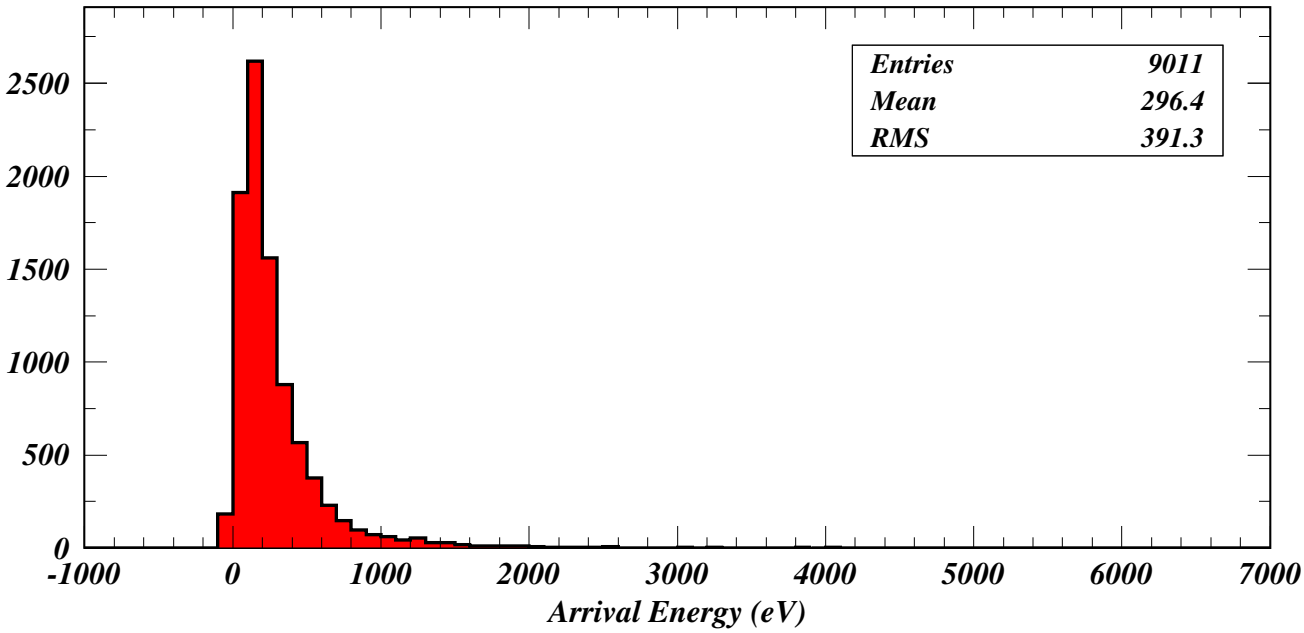
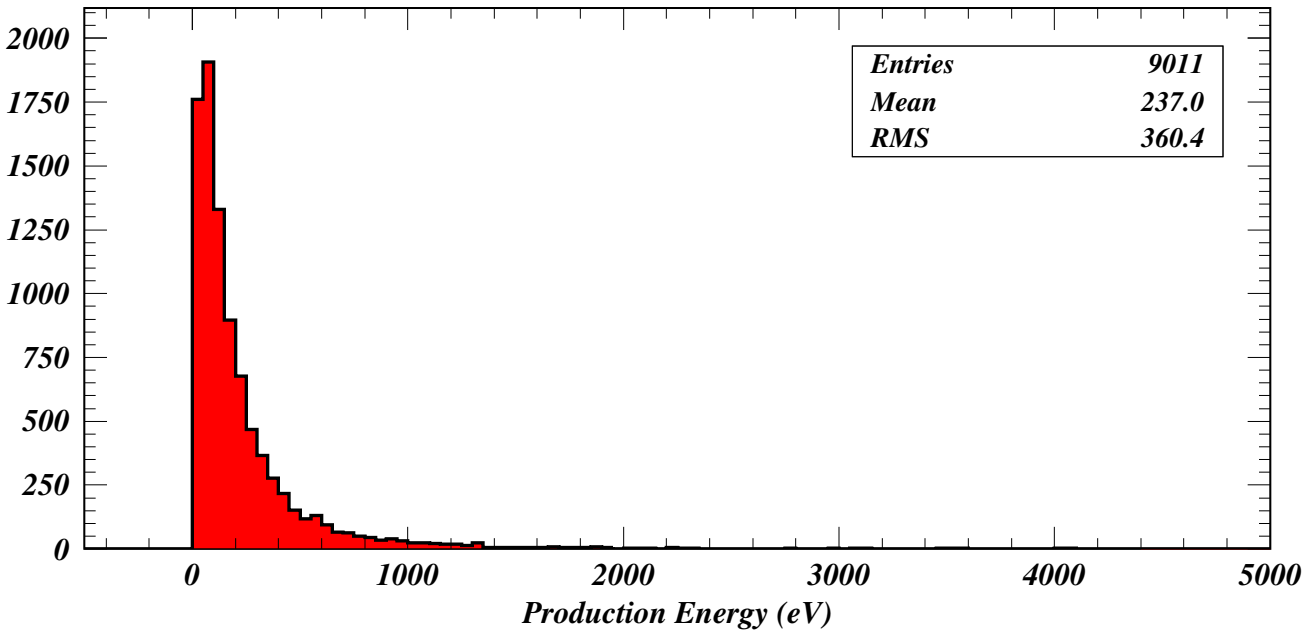
Job 16910: Button Signal Energies For 0 < T < 14 ns



10/09/08 10.32

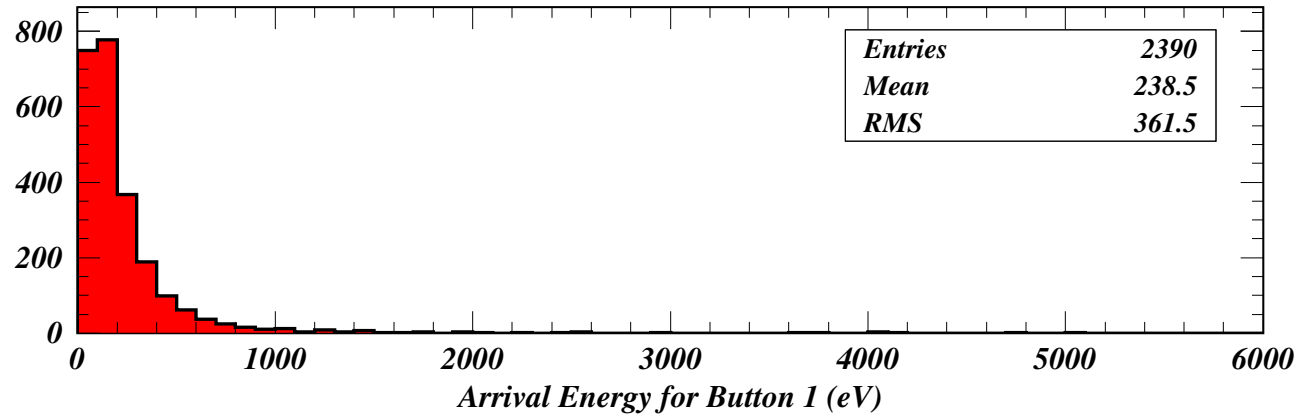
Job 16910: Button Signal Energies For 0 < T < 14 ns: Primaries Only

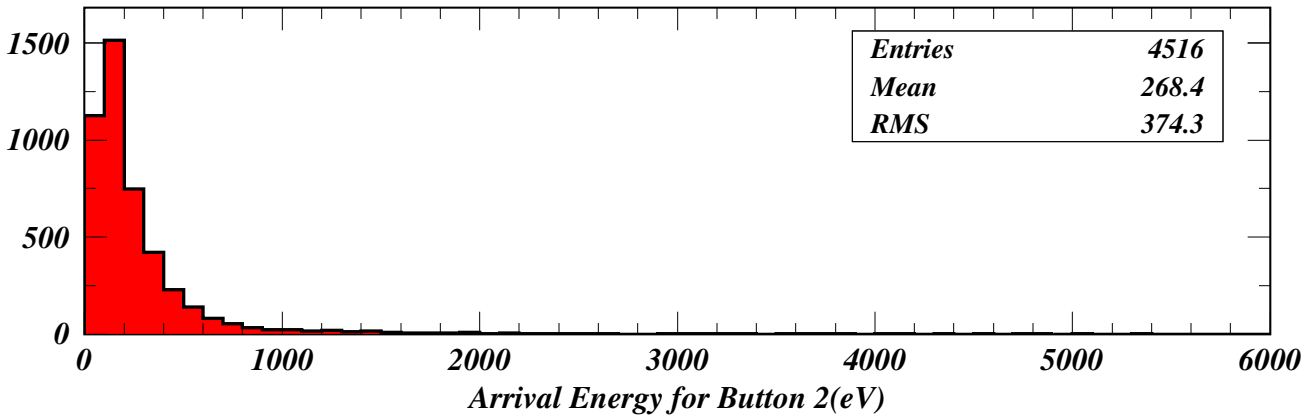


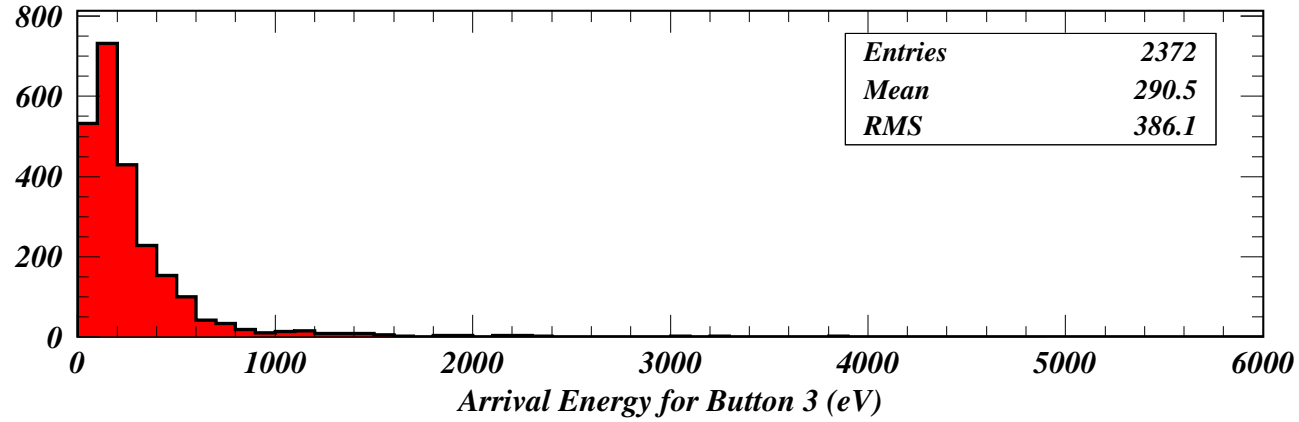


10/09/08 10.32

Job 16910: Button Signal Energies For 0 < T < 14 ns: Primaries Only

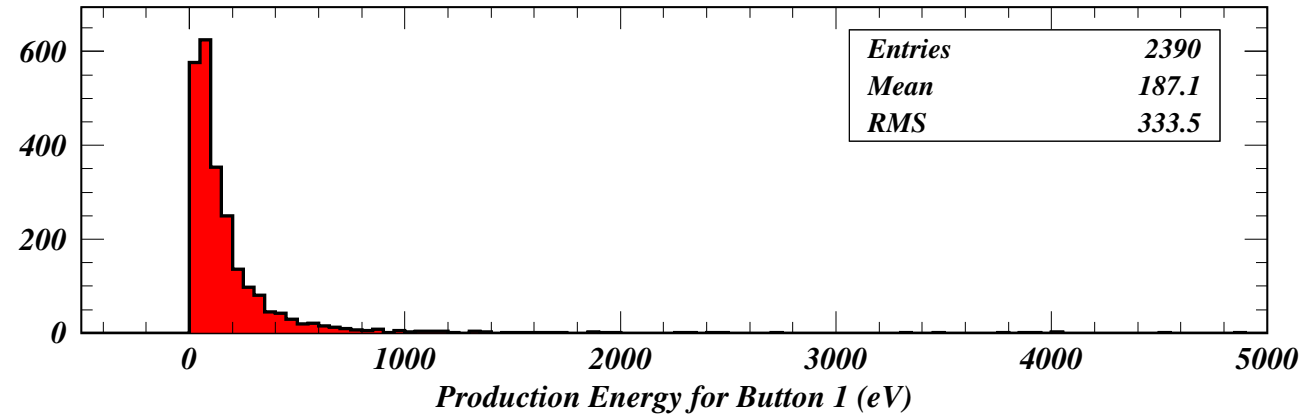


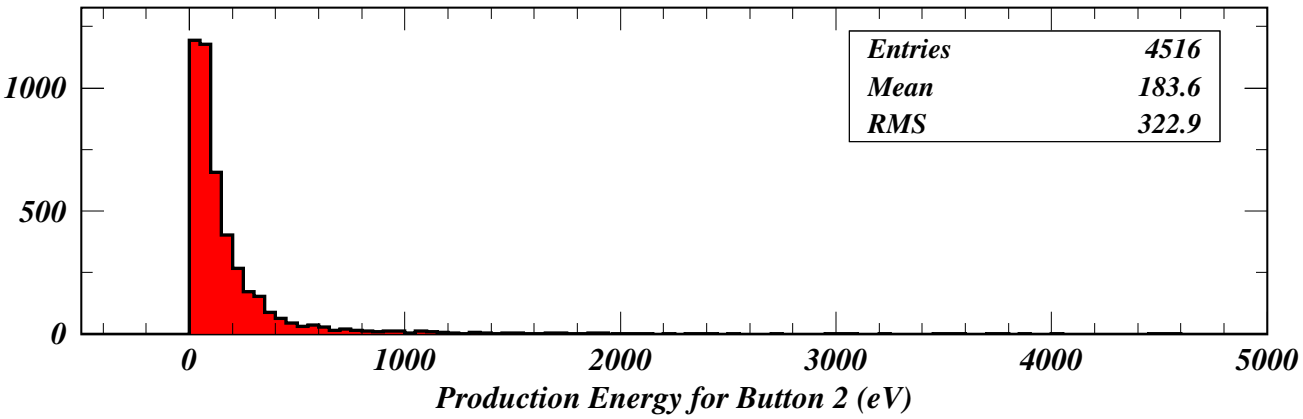


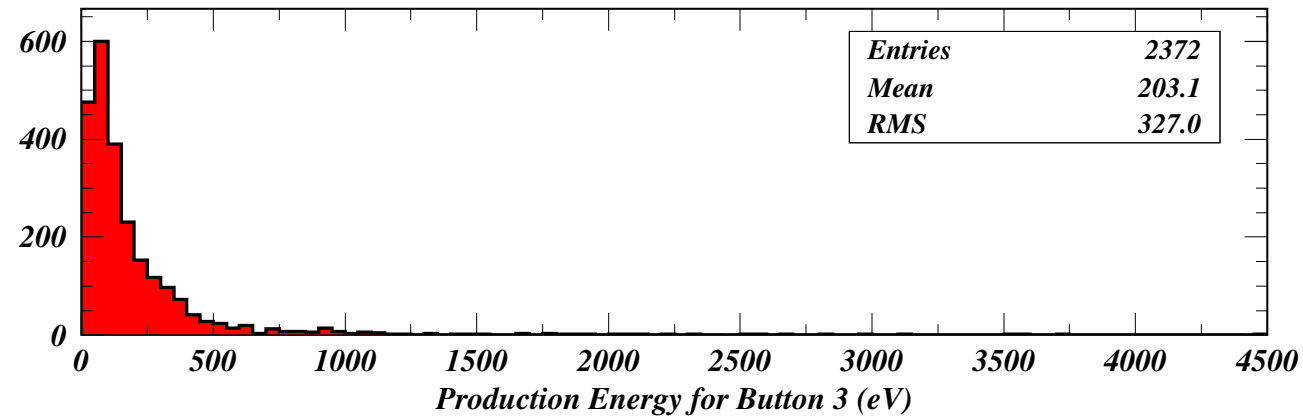


10/09/08 10.32

Job 16910: Button Signal Energies For 0 < T < 14 ns: Primaries Only







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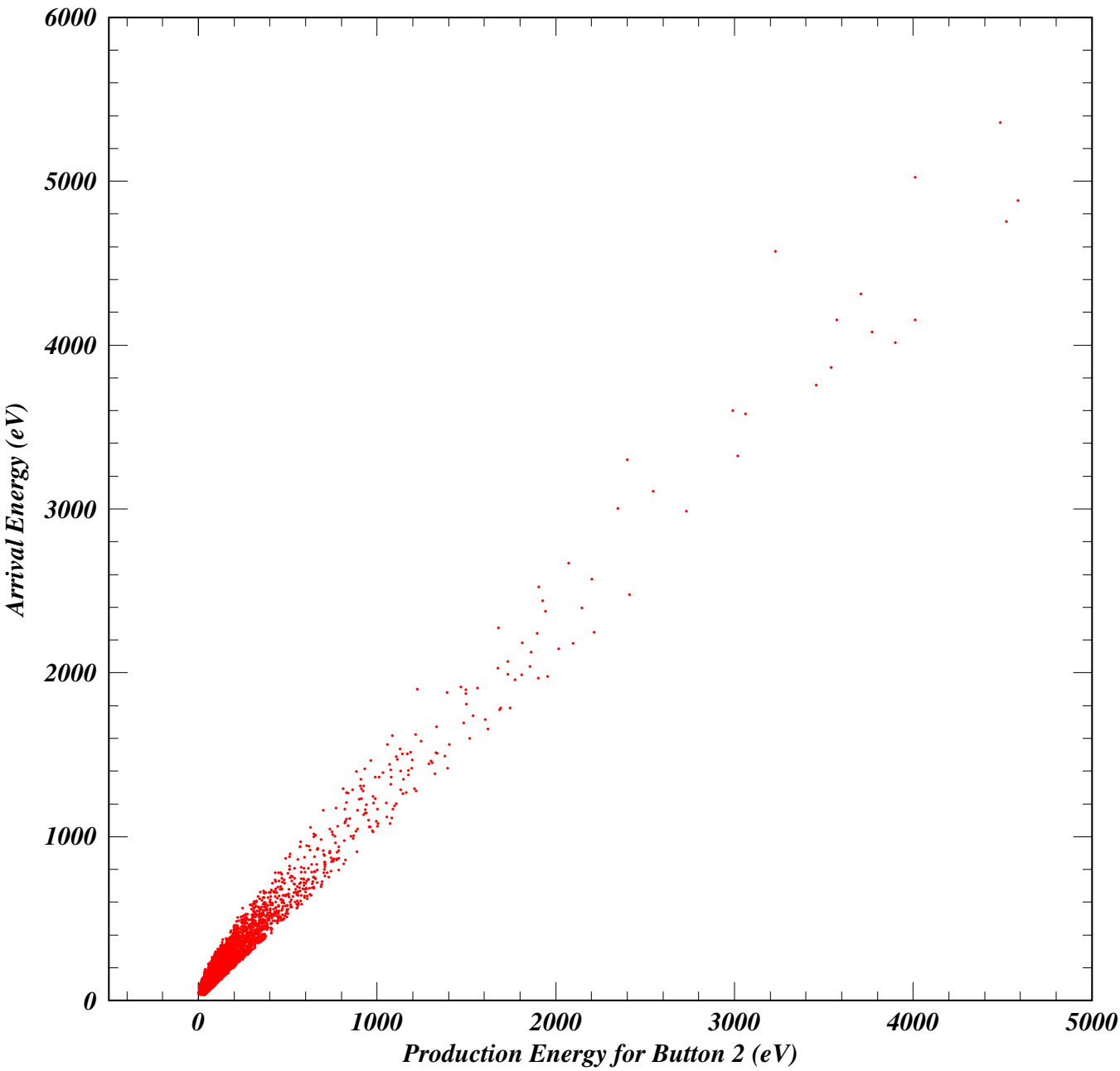
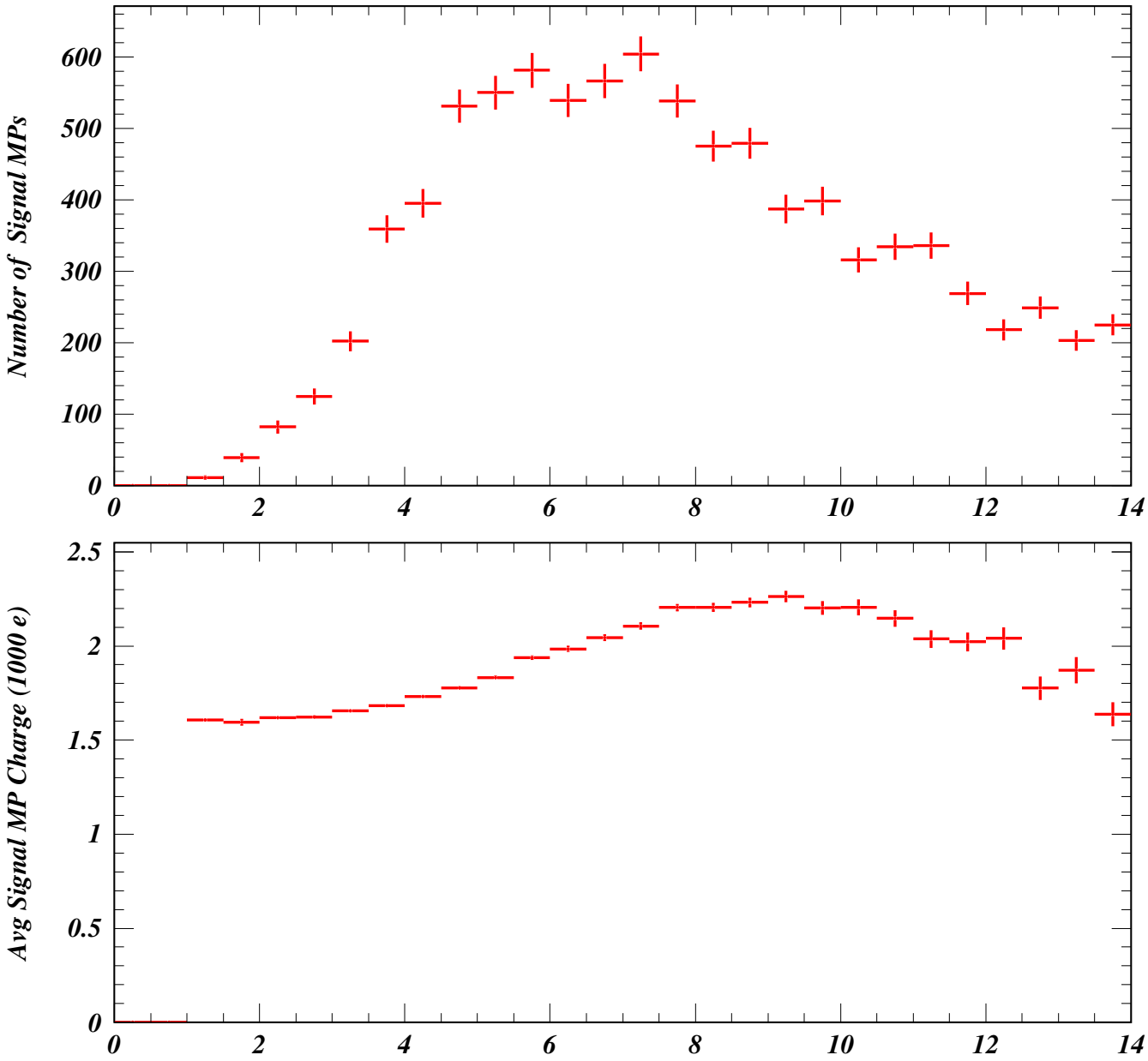
Job 16910: Button Signal Energies For 0 < T < 14 ns: Primaries Only



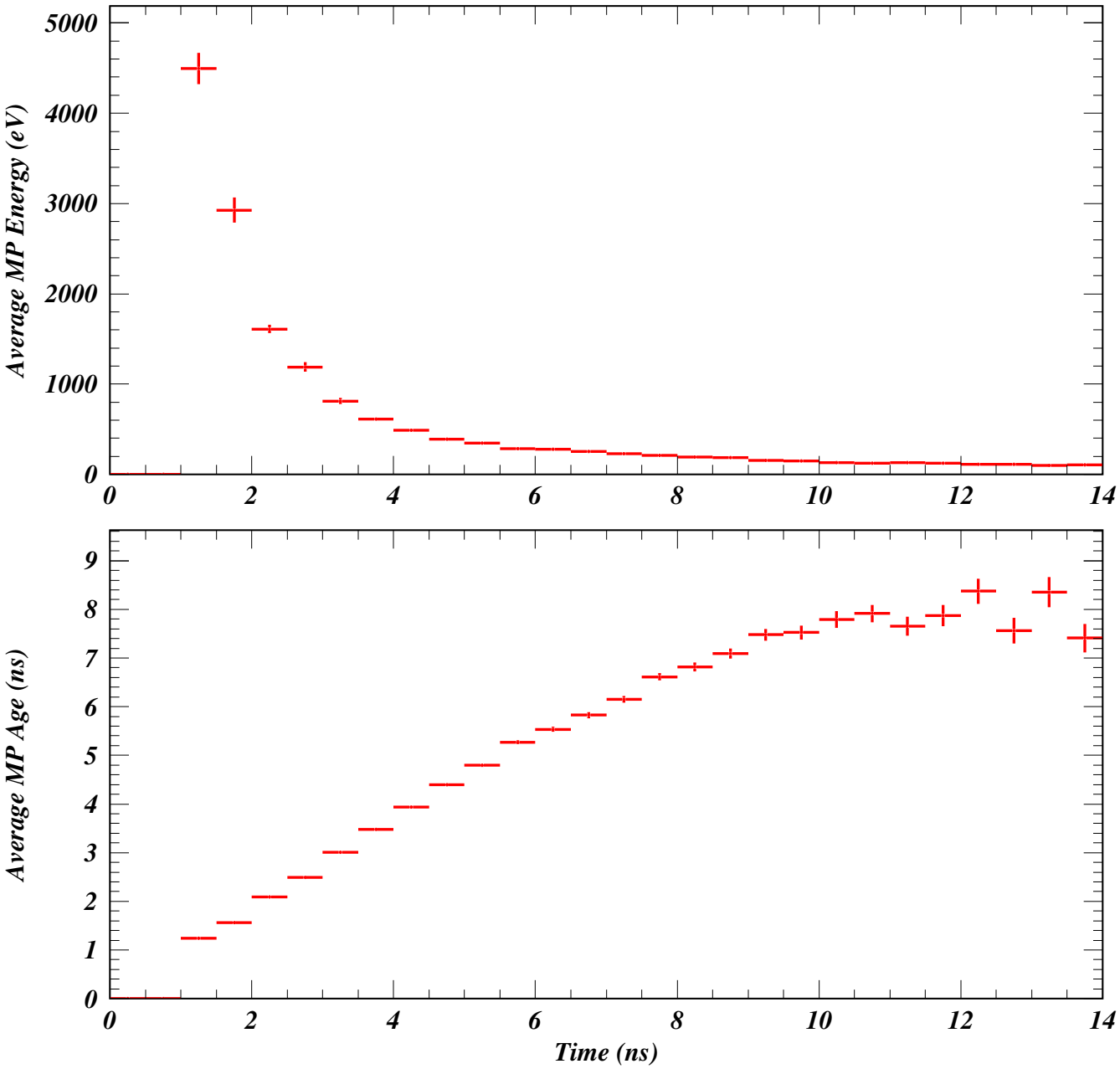
10/09/08 10.32

Job 16910: Button Signal Macroparticles For 0 < T < 14 ns



10/09/08 10.32

Job 16910: Button Signal Macroparticles For 0 < T < 14 ns



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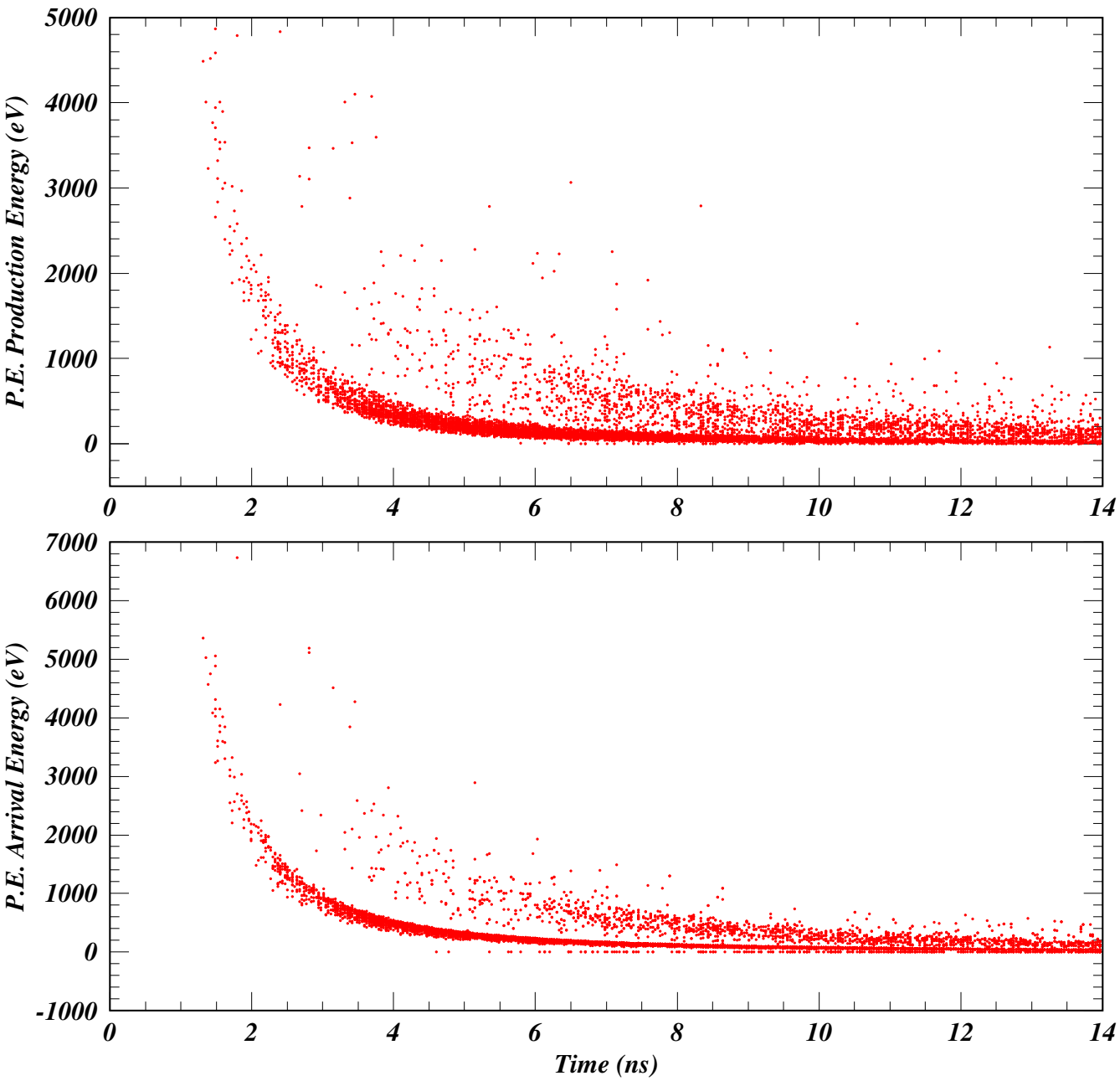
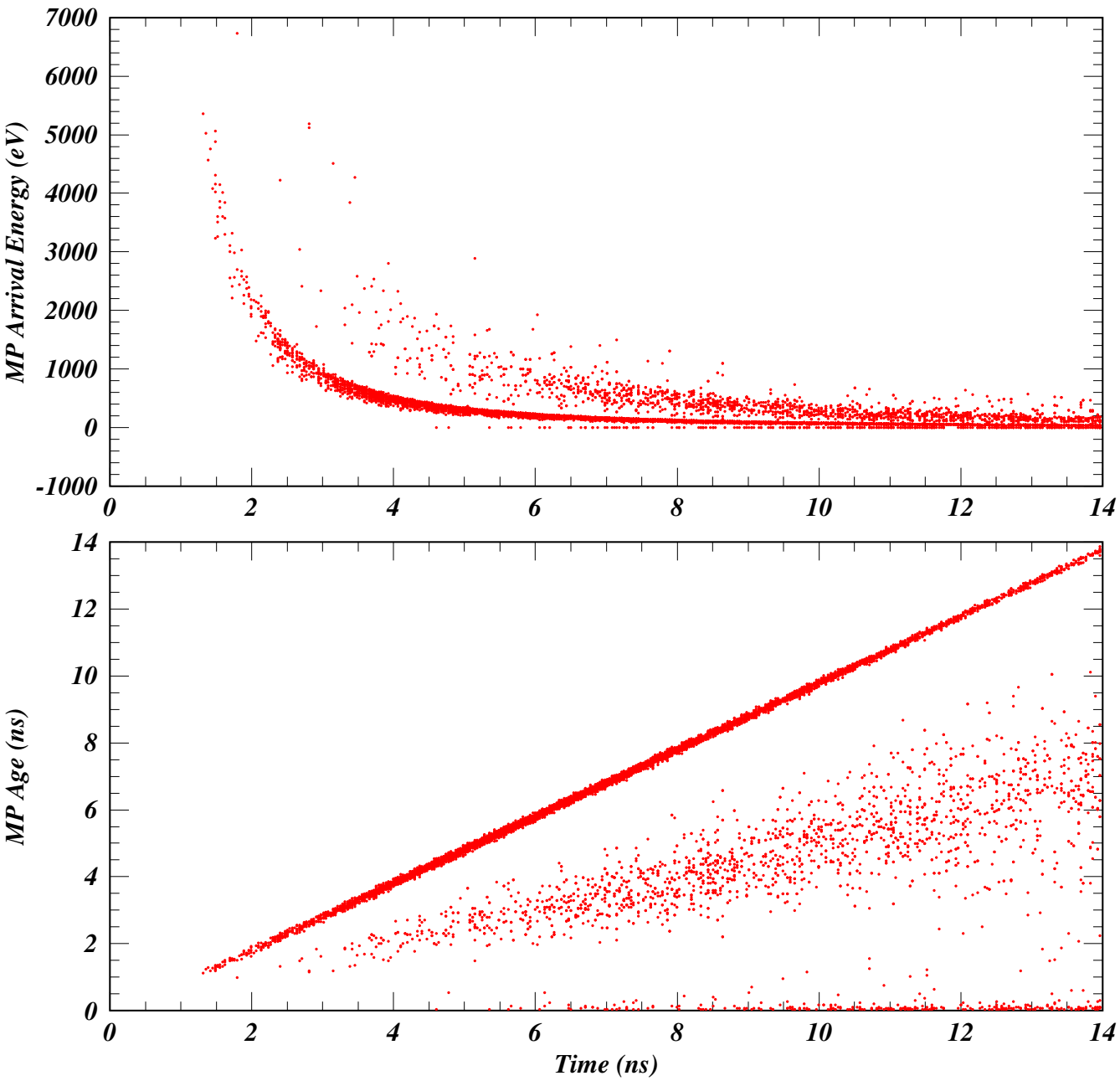
Job 16910: Button Signal Macroparticles For 0 < T < 14 ns



10/09/08 10.32

Job 16910: Button Signal Macroparticles For 0 < T < 14 ns



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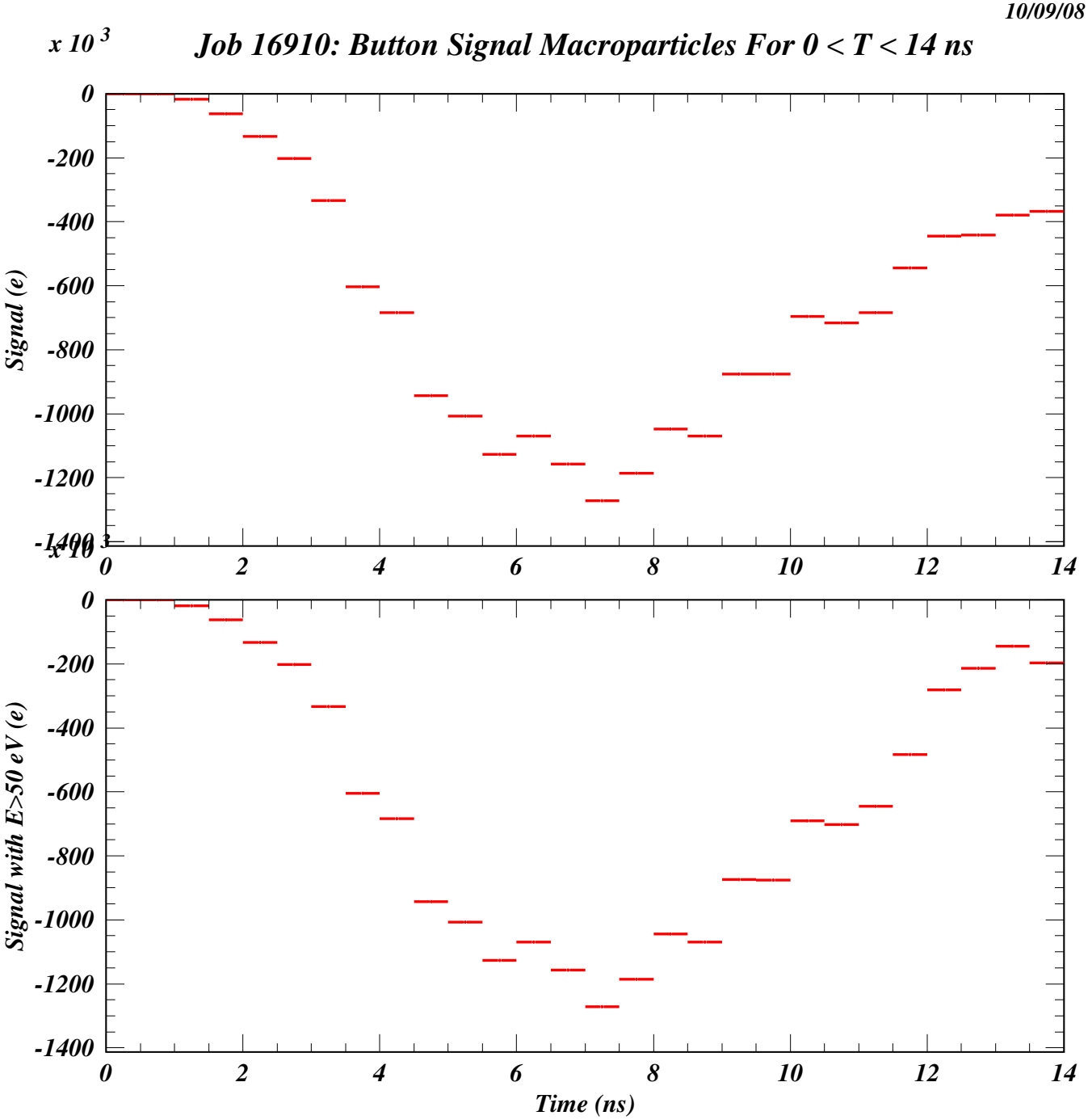
x 10 3
Job 16910: Button Signal Macroparticles For 0 < T < 14 ns
Signal (e)
0
-200
-400
-600
-800
-1000
-1200
-1400
x 10 3
0
2
4
6
8
10
12
14
Signal with E>50 eV (e)
Time (ns)

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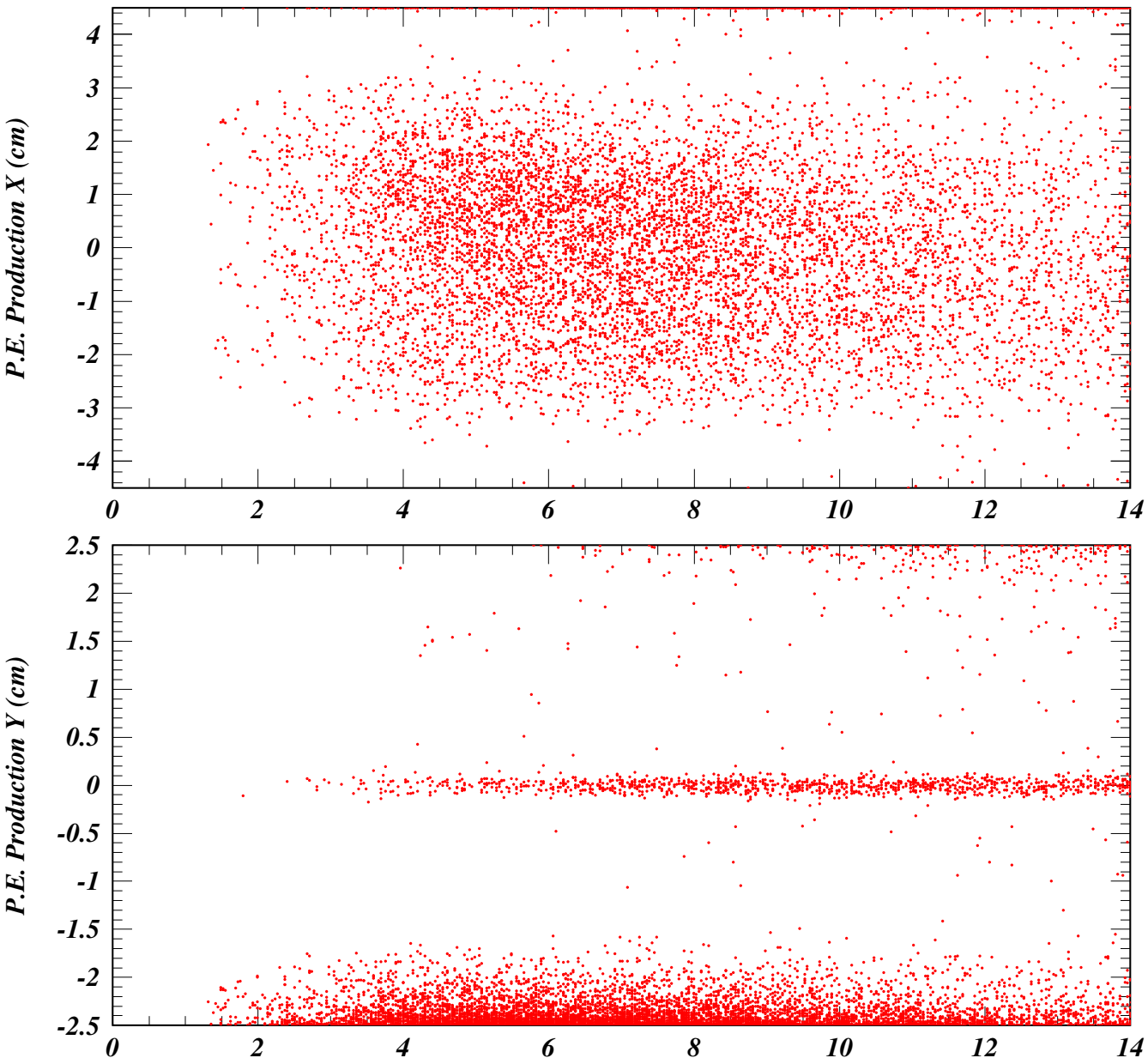
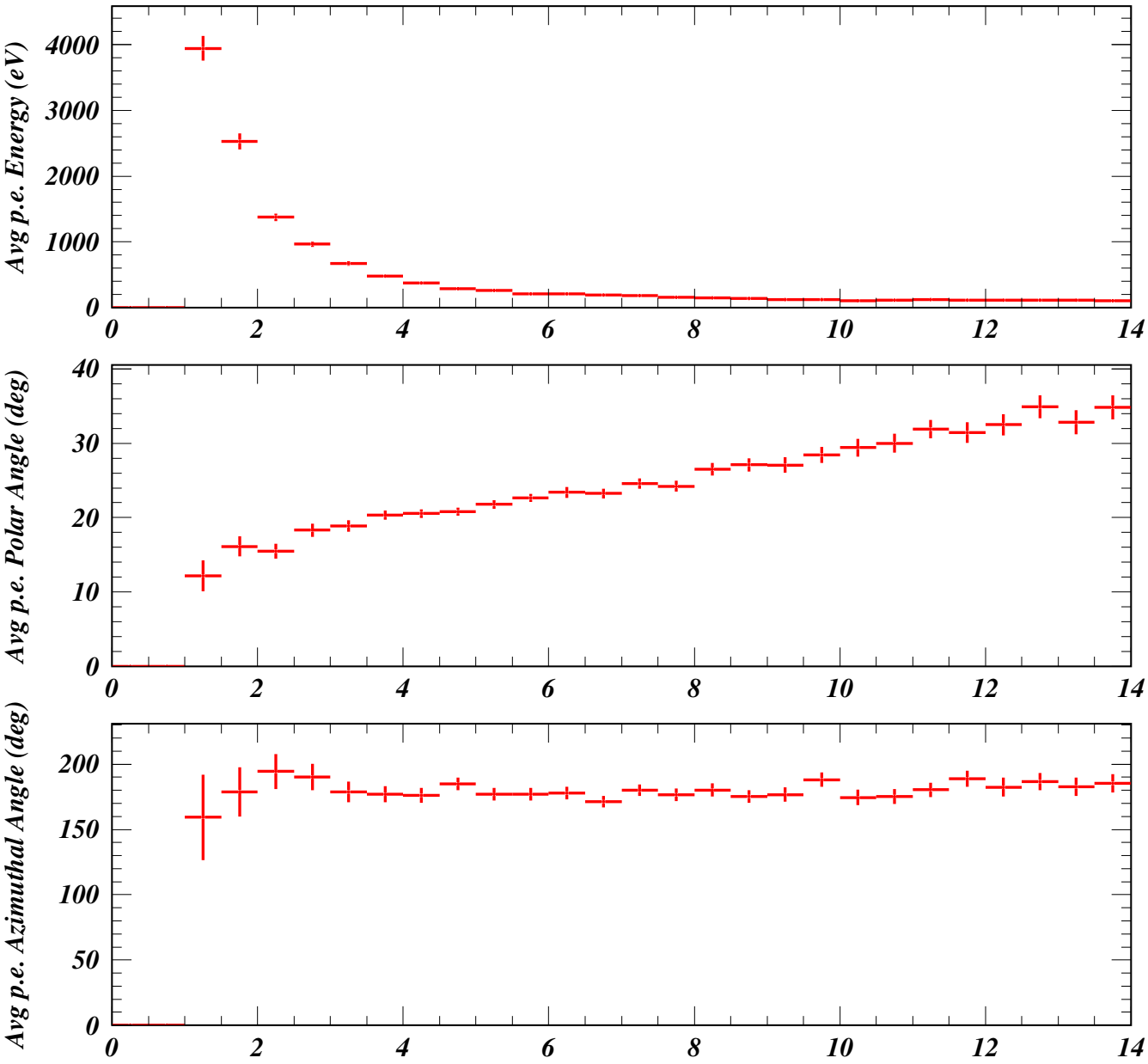
Job 16910: Button Signal Macroparticles For 0 < T < 14 ns



10/09/08 10.32

Job 16910: Button Signal Macroparticles For 0 < T < 14 ns



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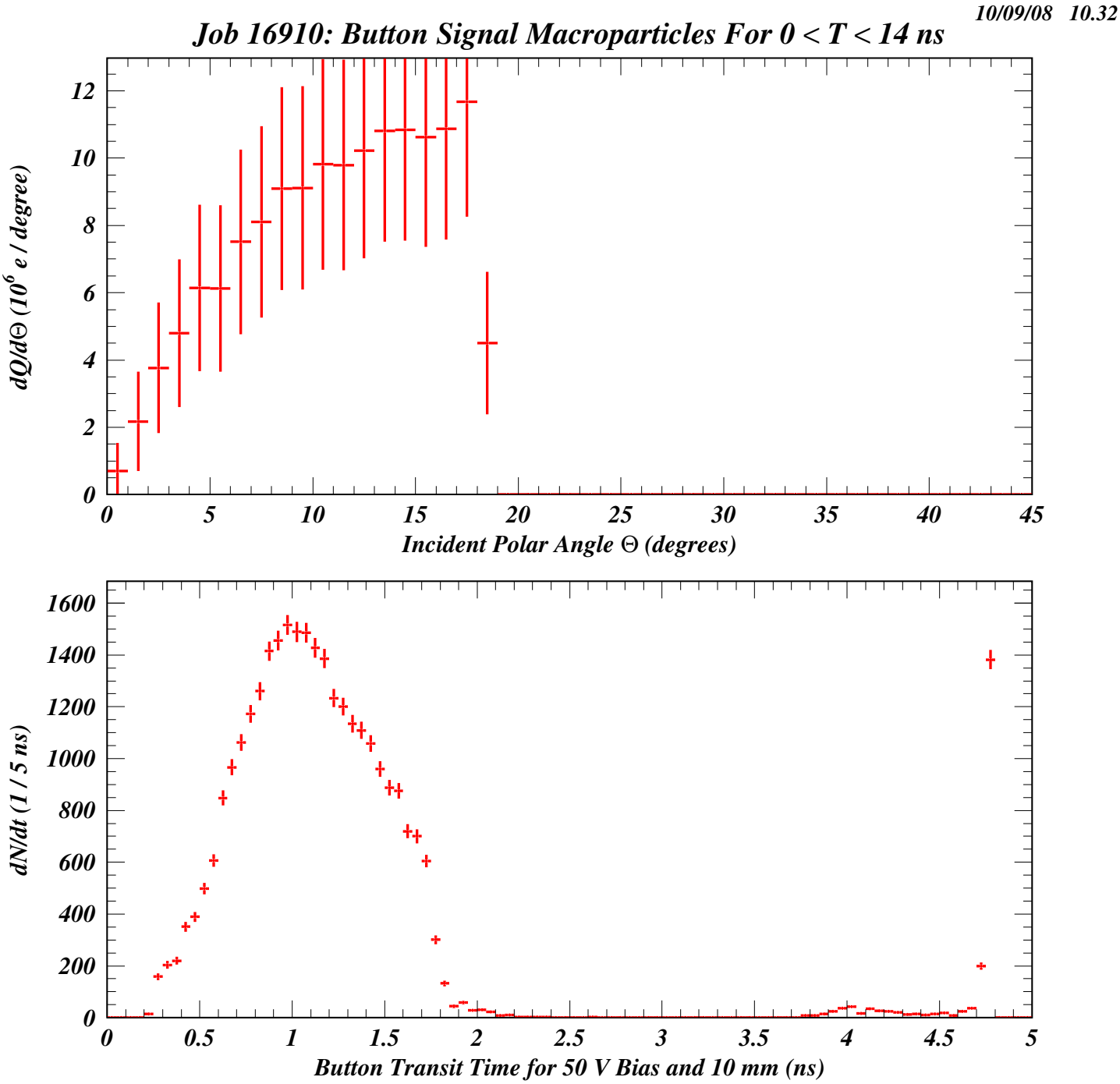
Job 16910: Button Signal Macroparticles For 0 < T < 14 ns
dQ/dΘ (10^6 e / degree)
Incident Polar Angle Θ (degrees)
dN/dt (1 / 5 ns)
Button Transit Time for 50 V Bias and 10 mm (ns)