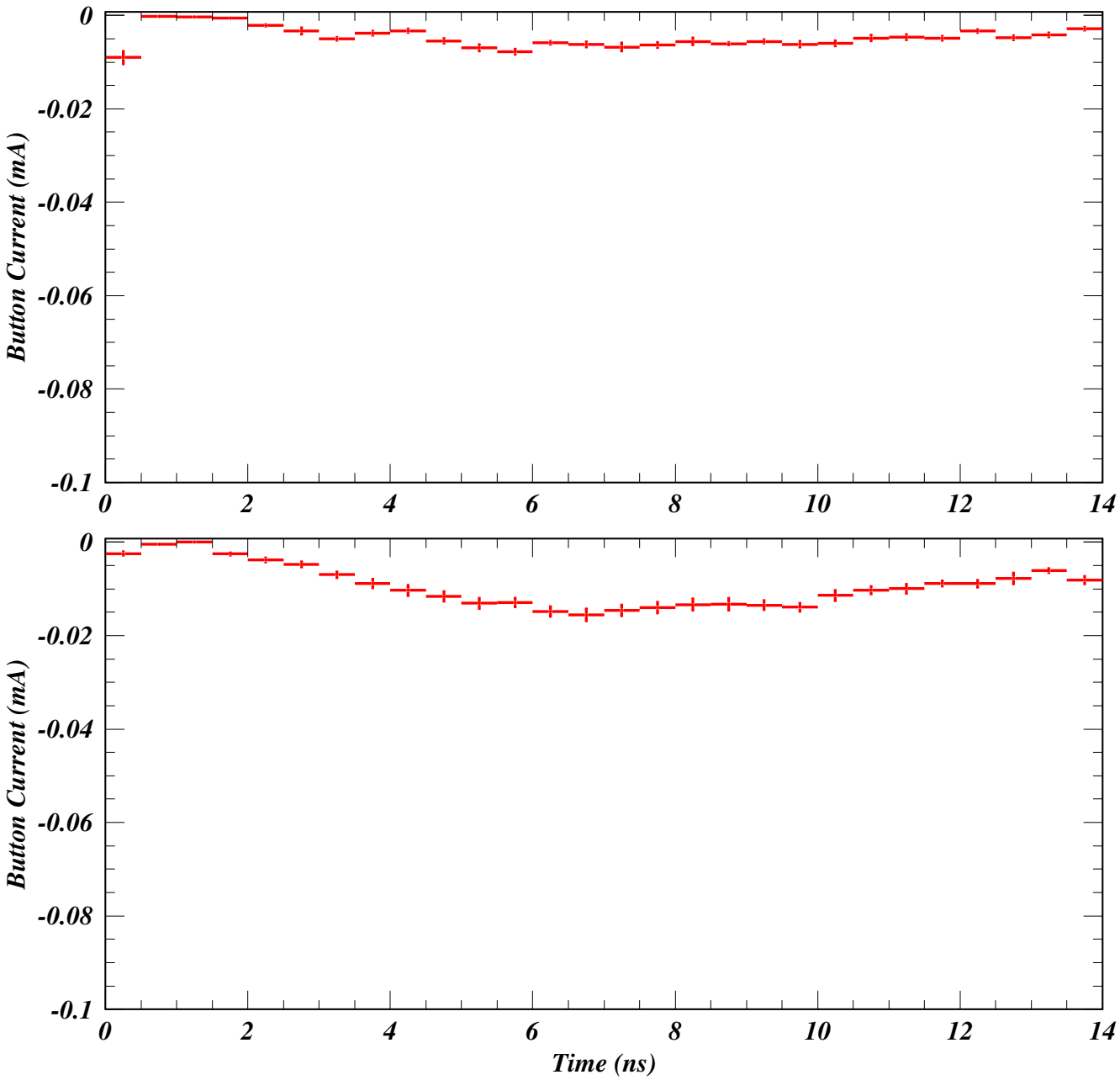
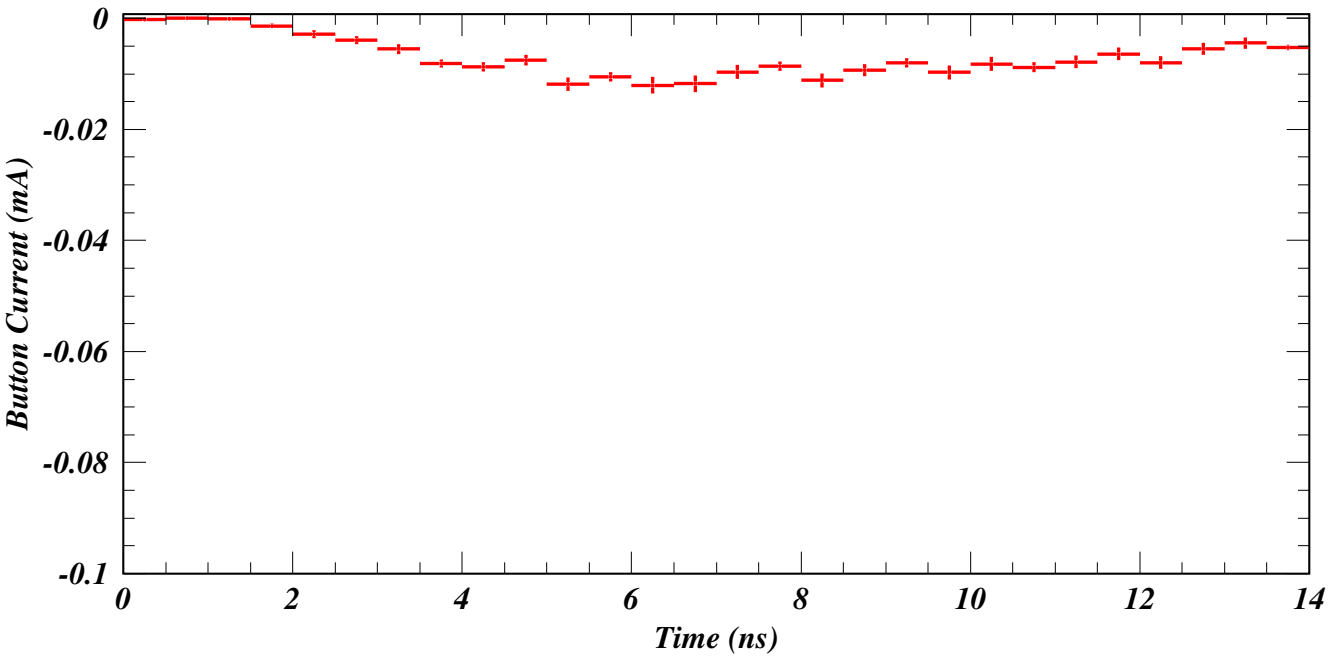
10/09/08 11.16

# Job 16911: Shielded Button Simulation



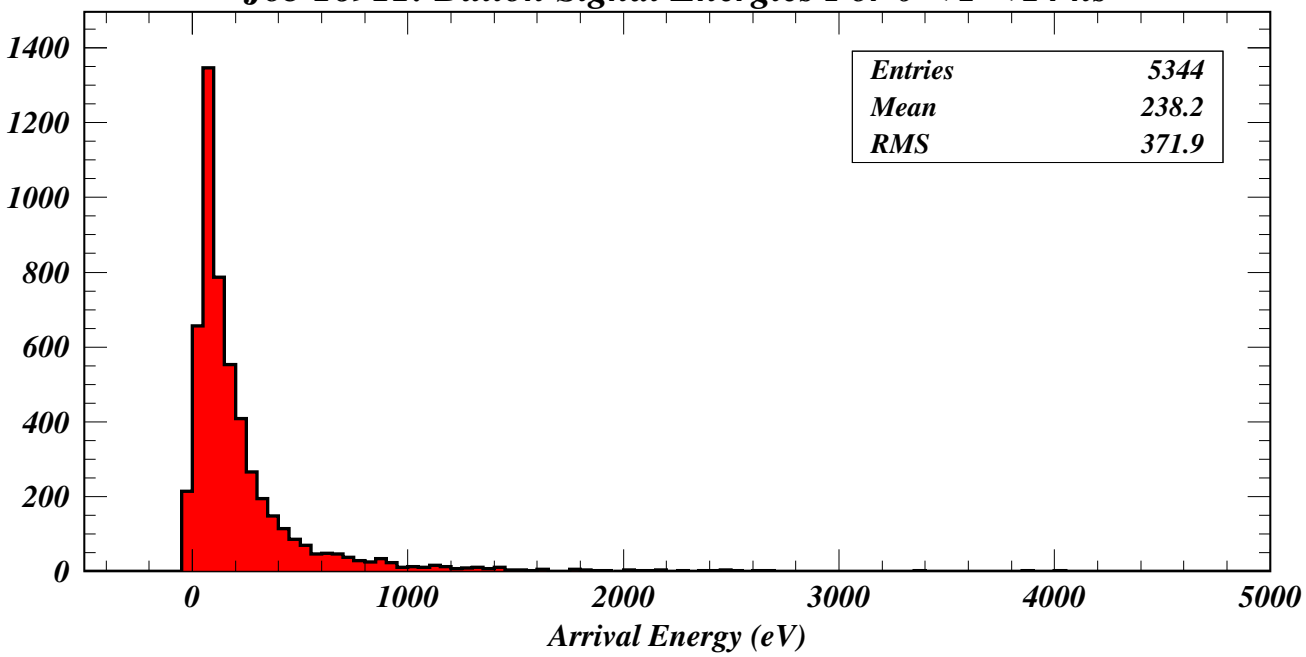
10/09/08 11.16

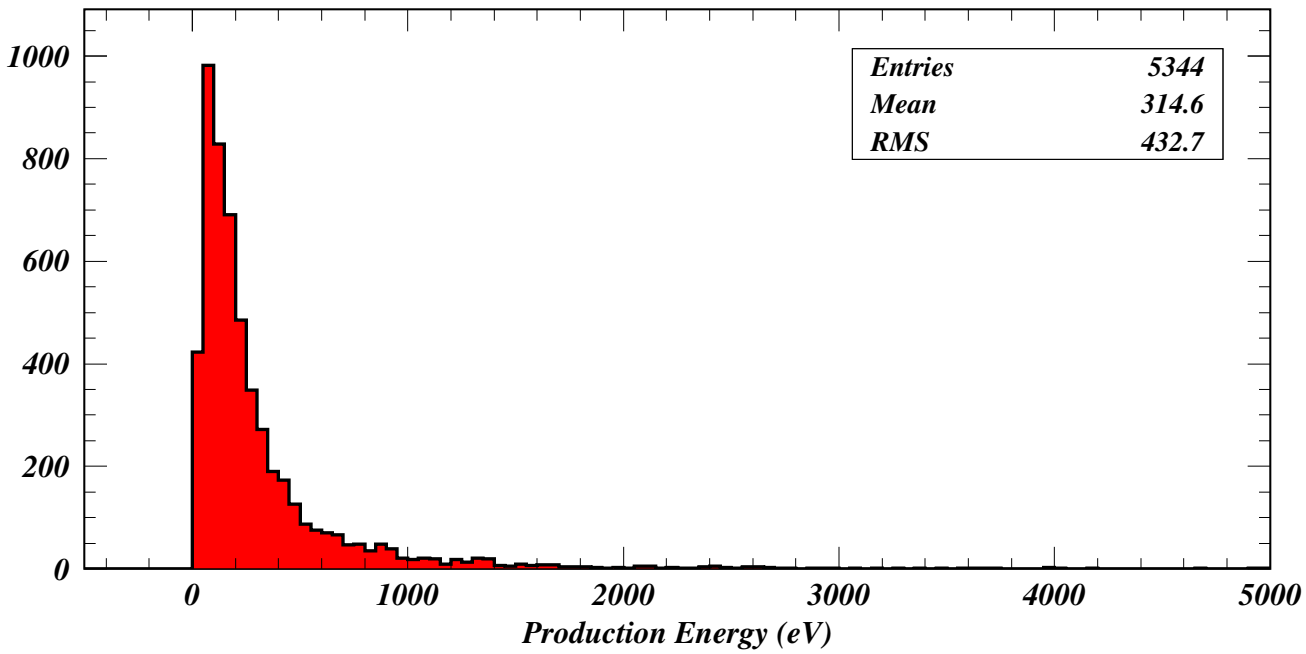
# Job 16911: Shielded Button Simulation



10/09/08 11.16

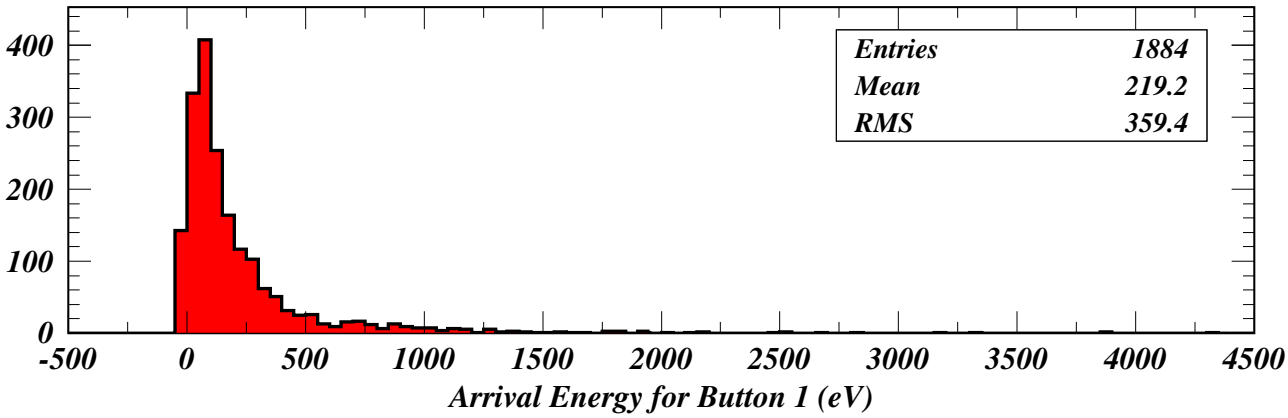
## Job 16911: Button Signal Energies For 0 < T < 14 ns

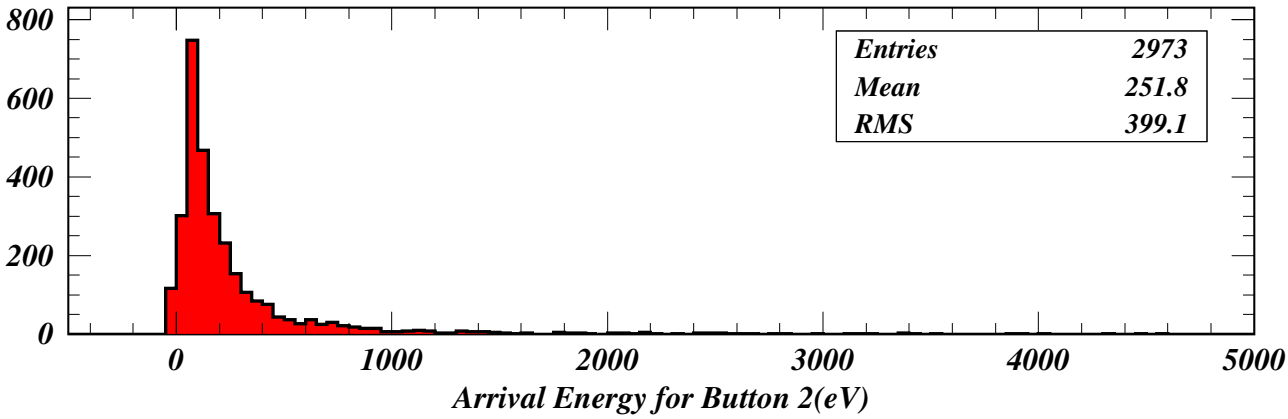


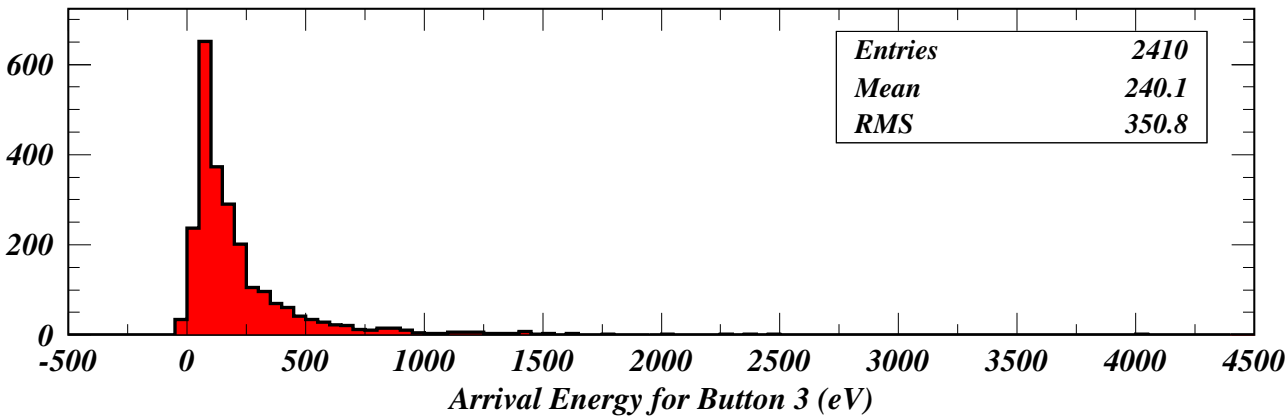



10/09/08 11.16

# Job 16911: Button Signal Energies For 0 < T < 14 ns

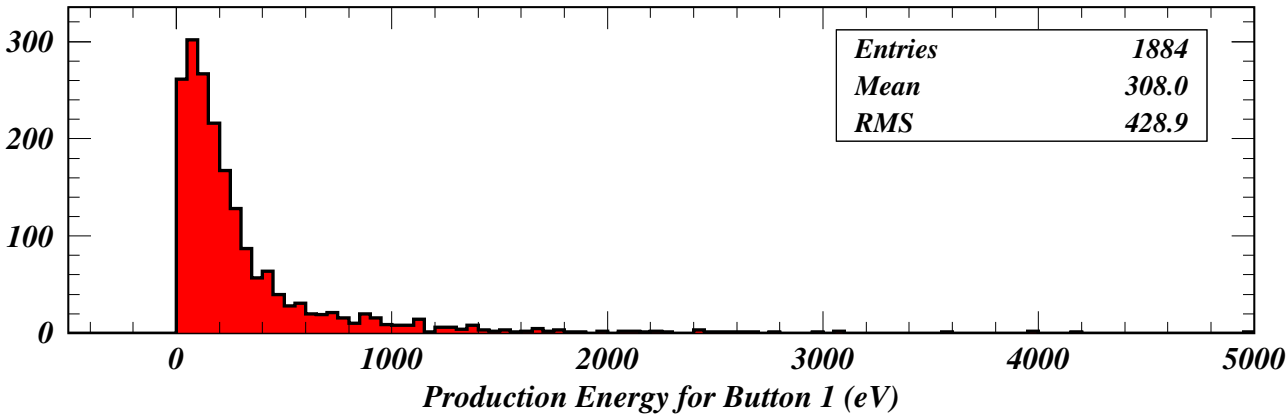


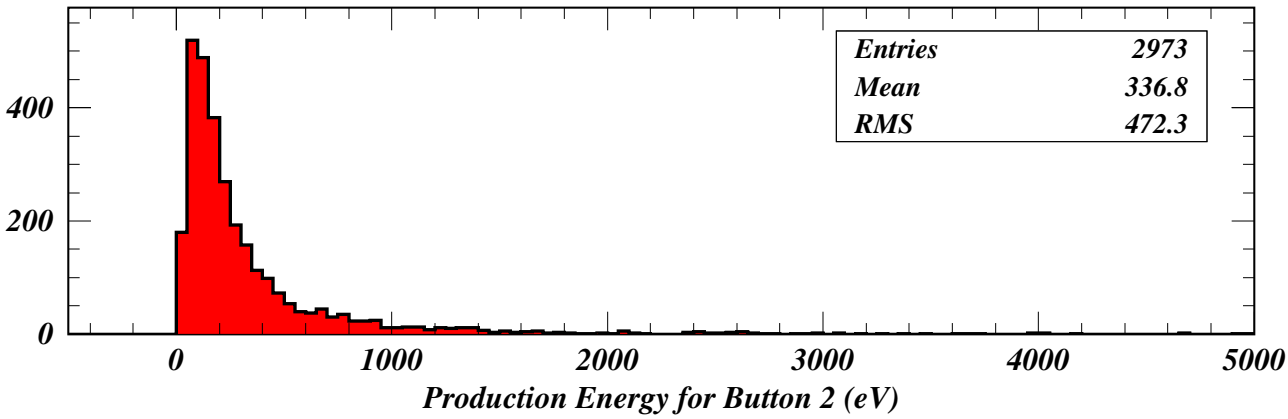



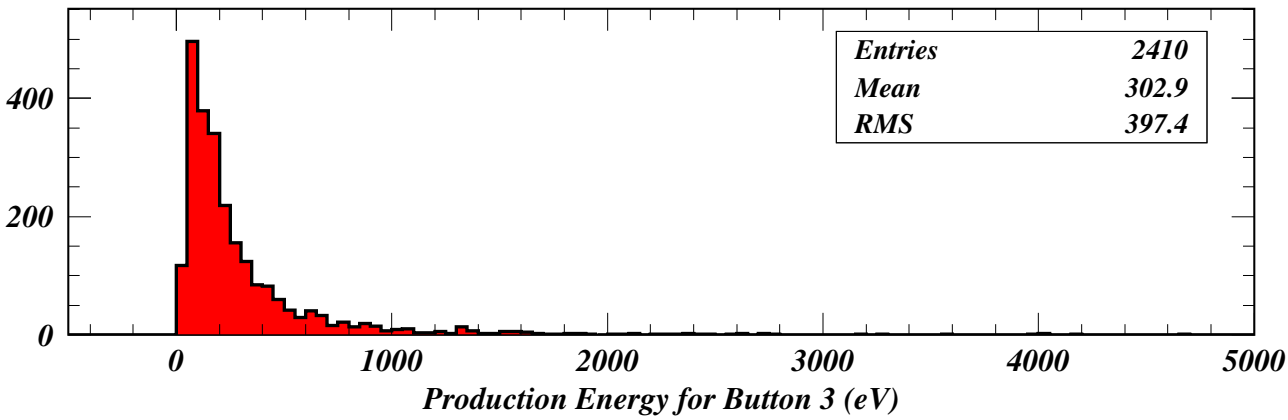



10/09/08 11.16

# Job 16911: Button Signal Energies For 0 < T < 14 ns

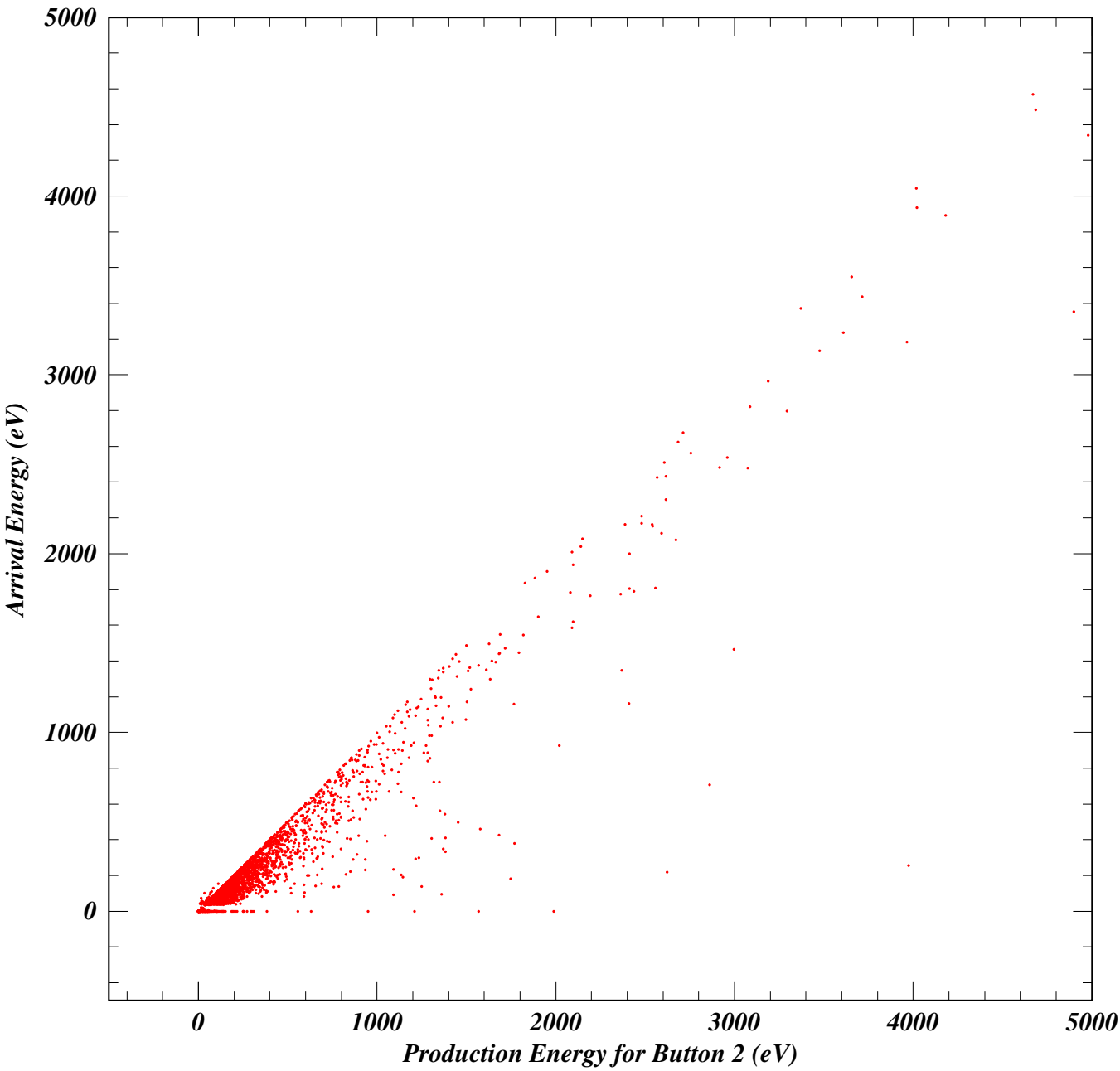


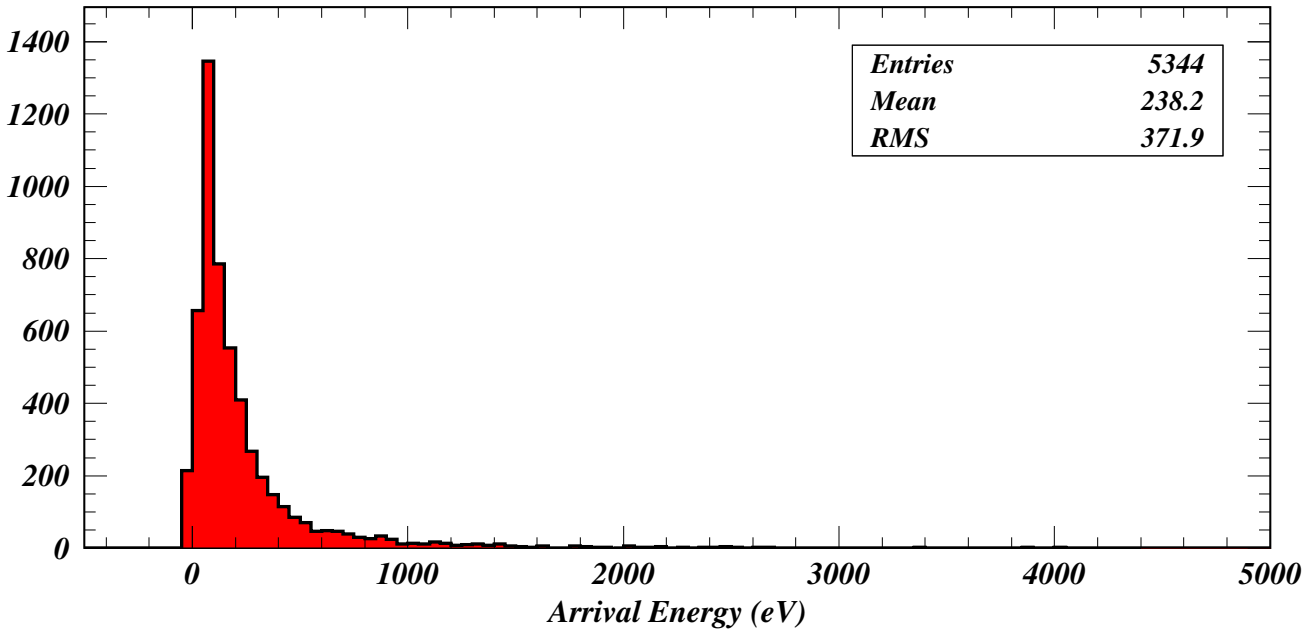



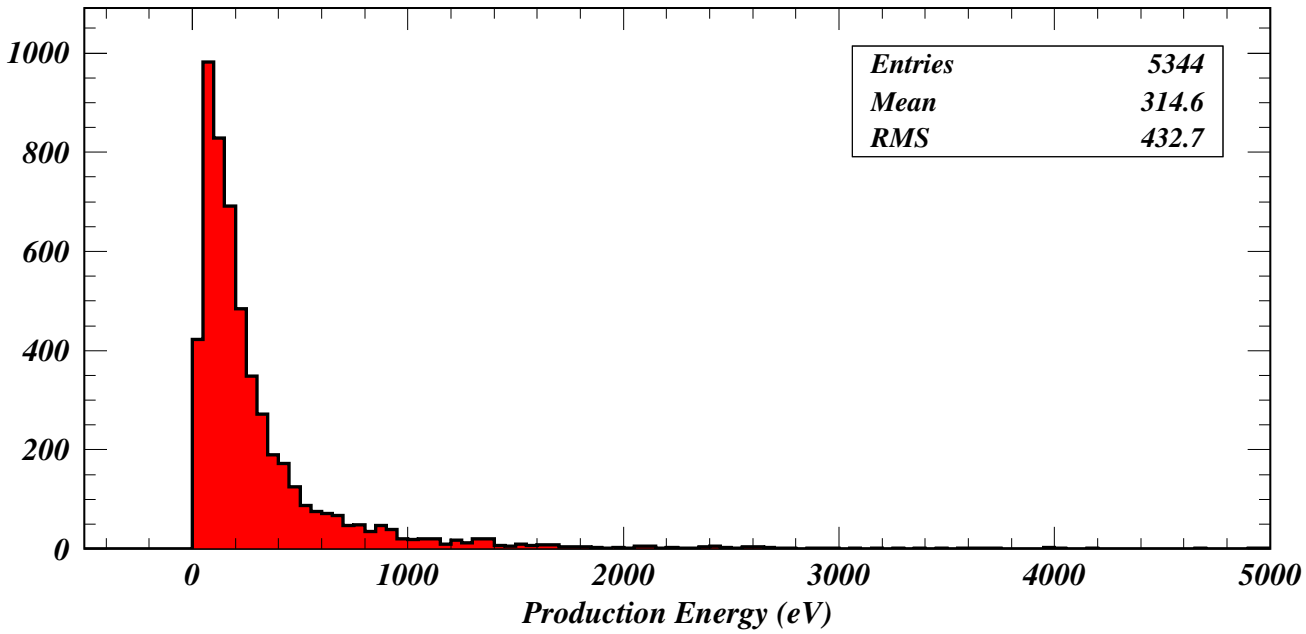
10/09/08 11.16

# Job 16911: Button Signal Energies For 0 < T < 14 ns



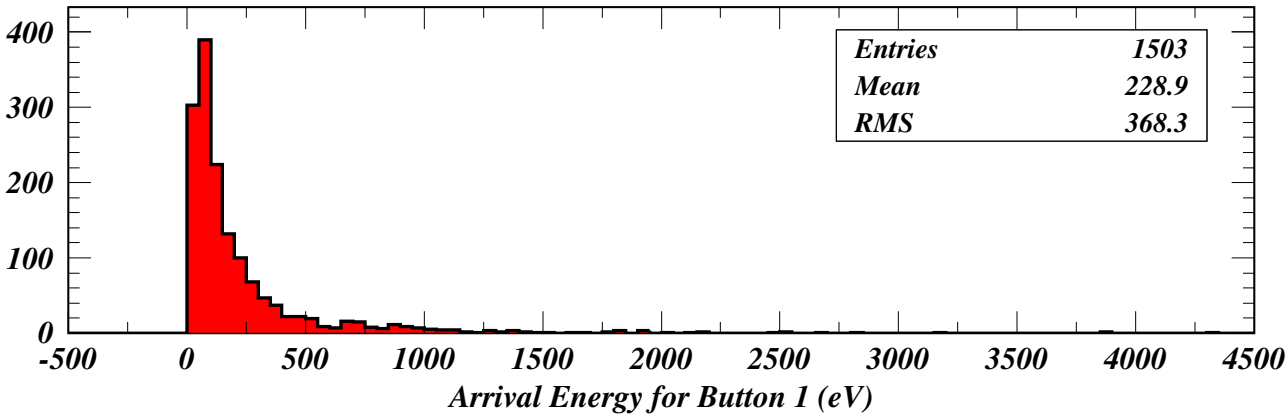
# Job 16911: Button Signal Energies For 0 < T < 14 ns: Primaries Only

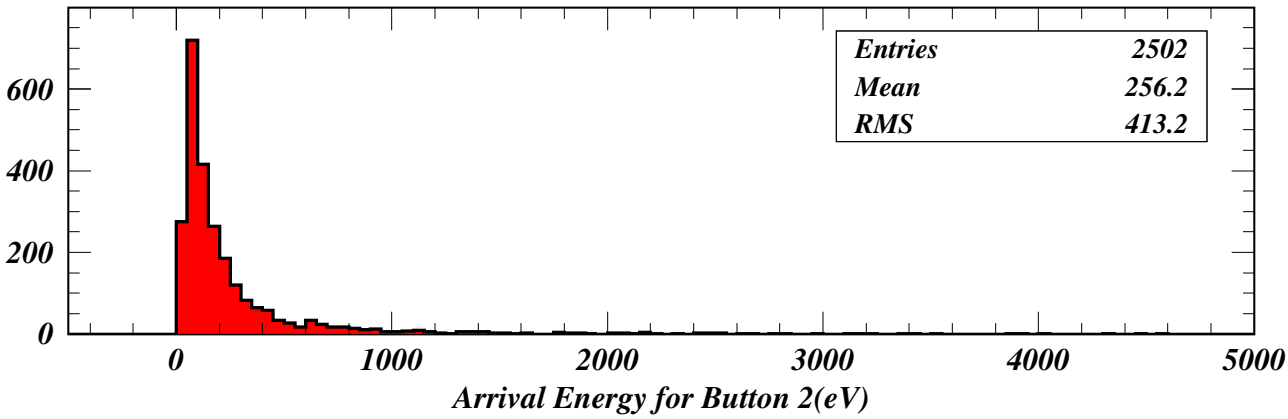


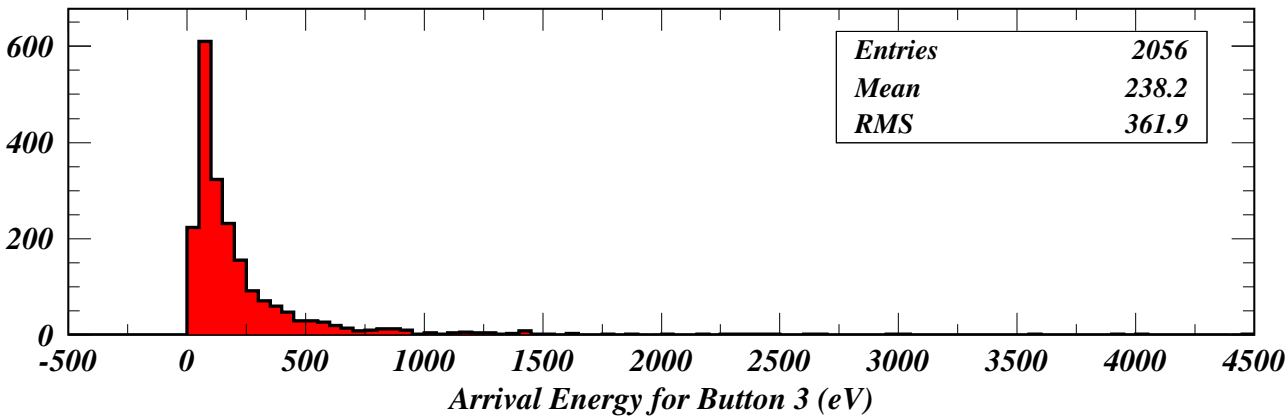



10/09/08 11.16

# Job 16911: Button Signal Energies For 0 < T < 14 ns: Primaries Only

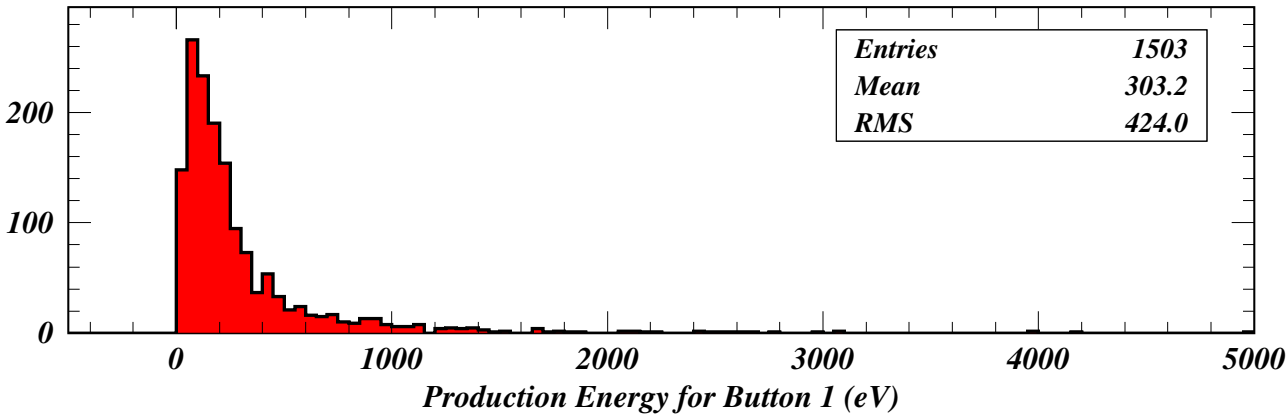


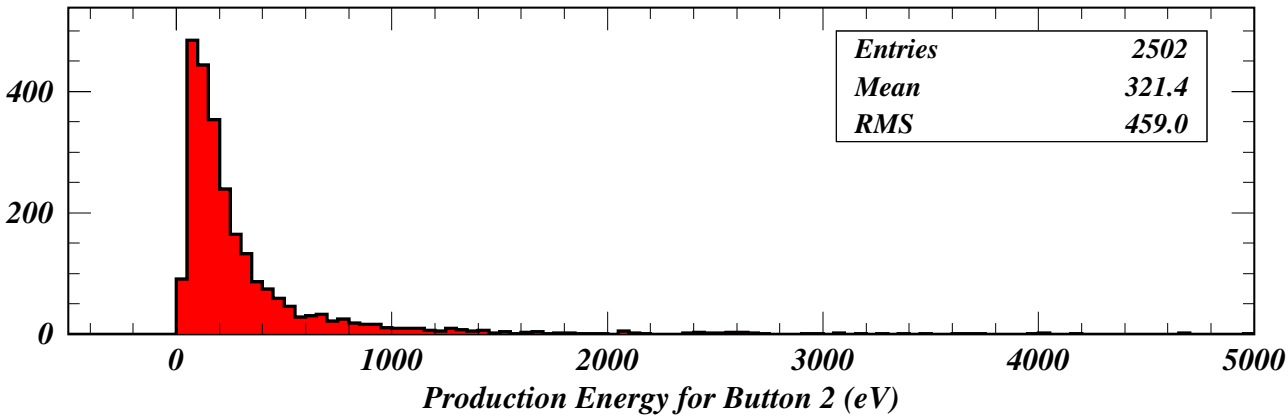



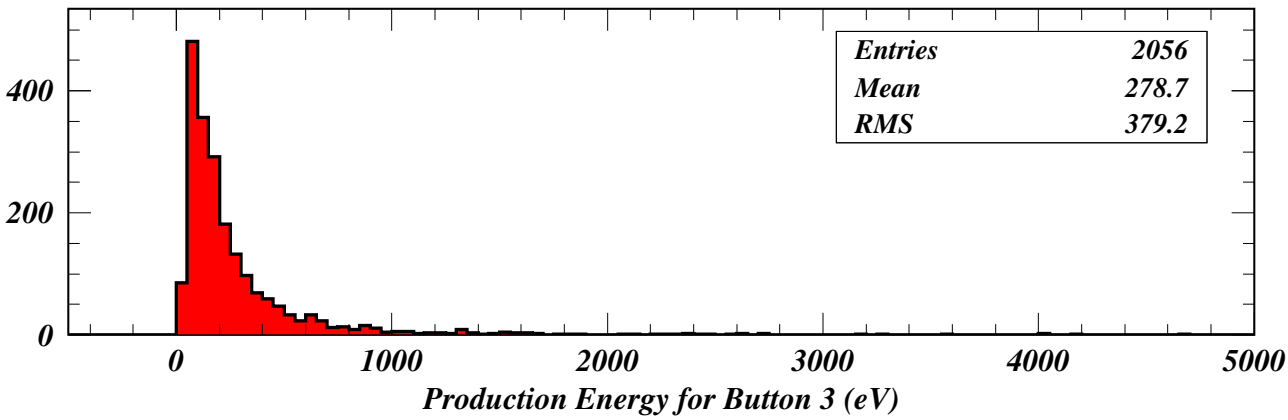



10/09/08 11.16

# Job 16911: Button Signal Energies For 0 < T < 14 ns: Primaries Only



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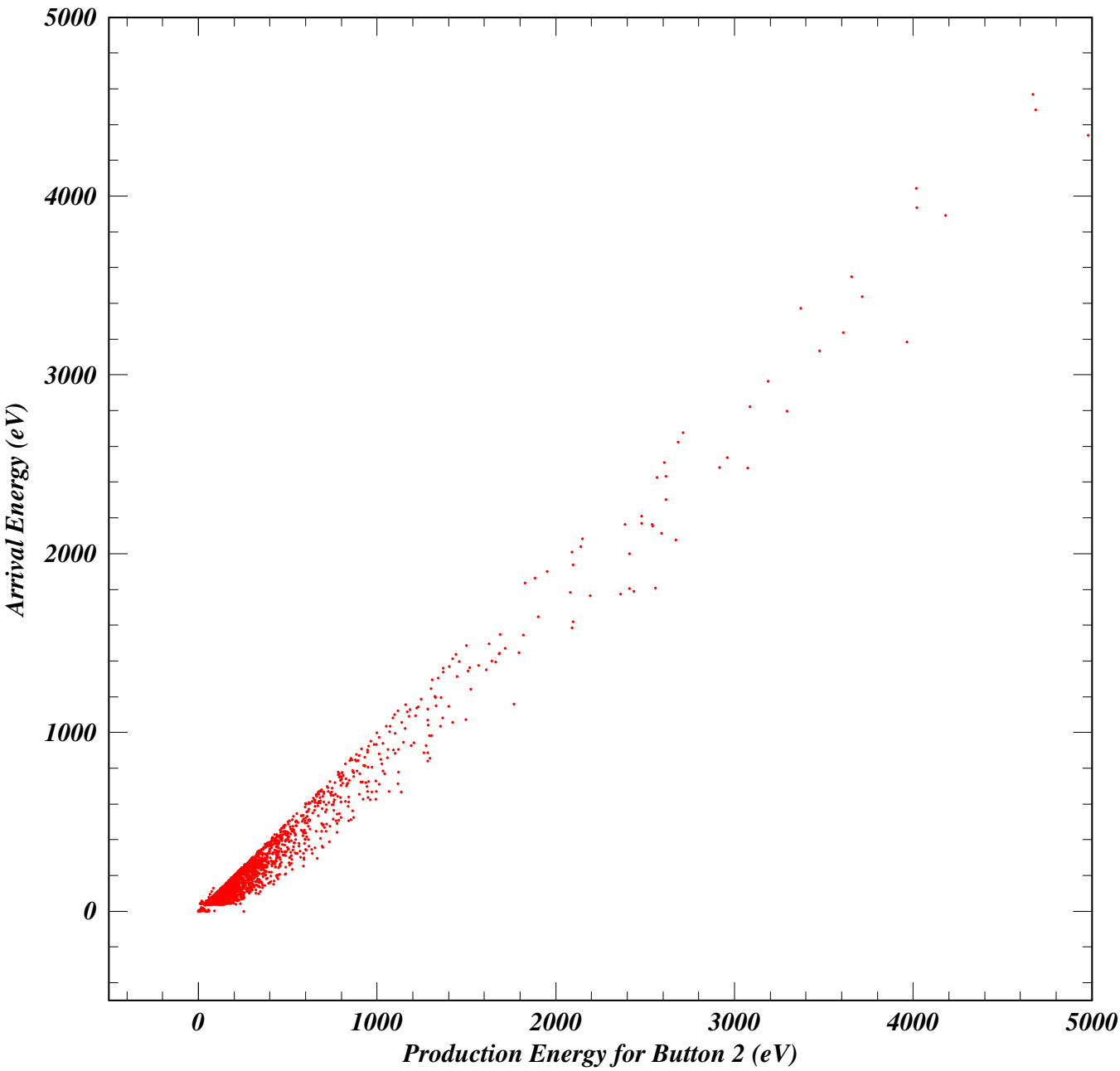
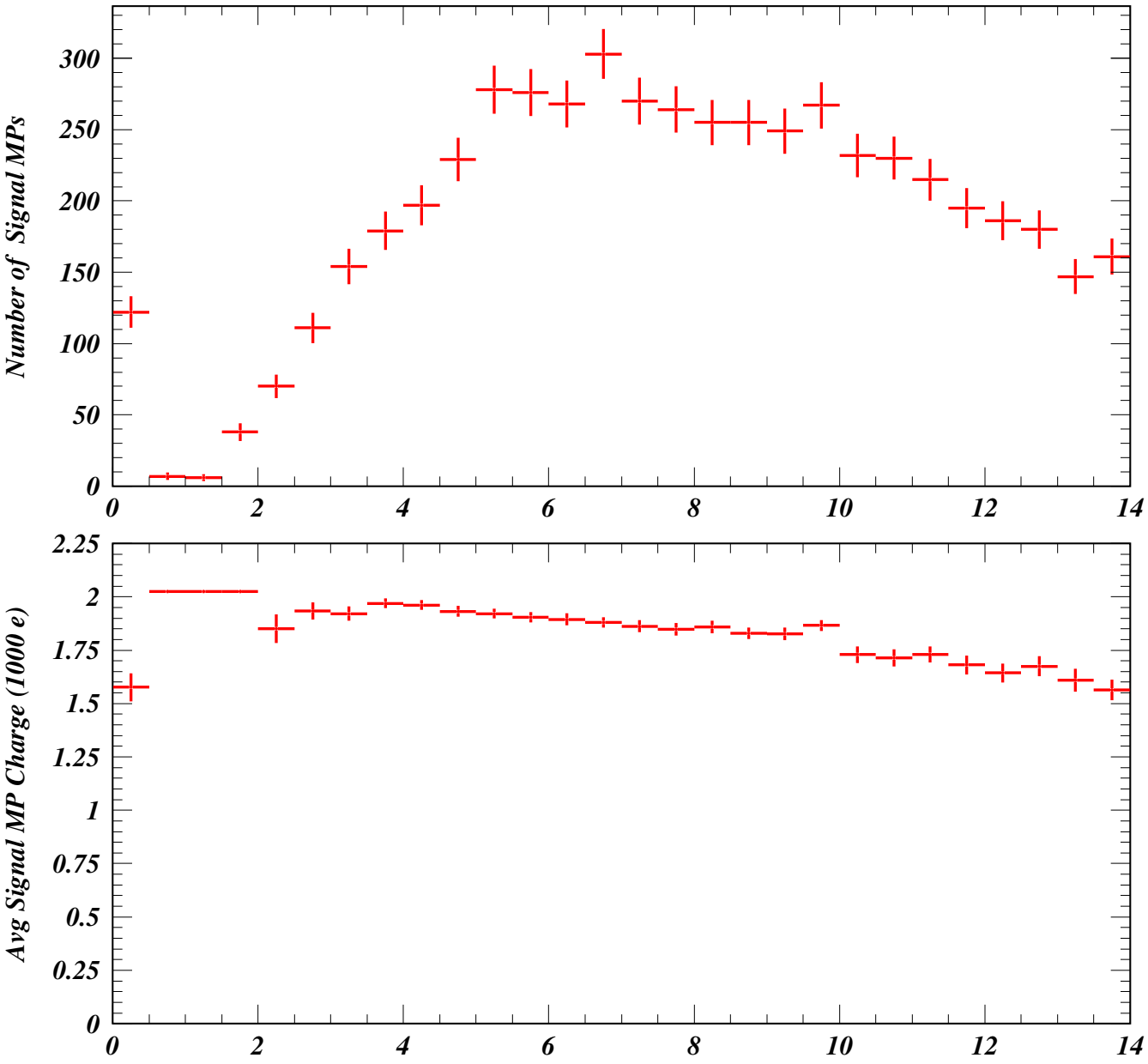
# Job 16911: Button Signal Energies For 0 < T < 14 ns: Primaries Only



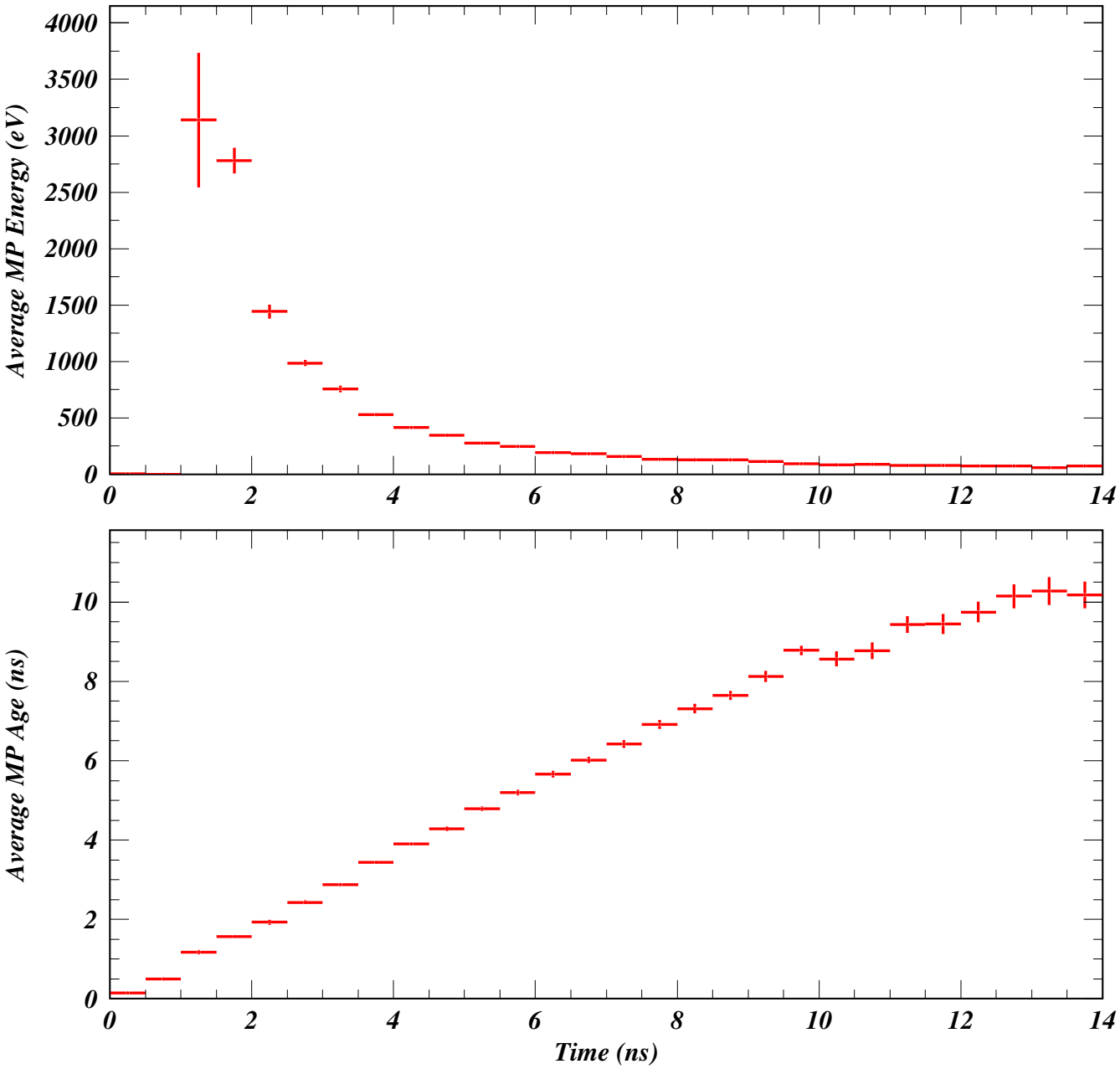
10/09/08 11.16

# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



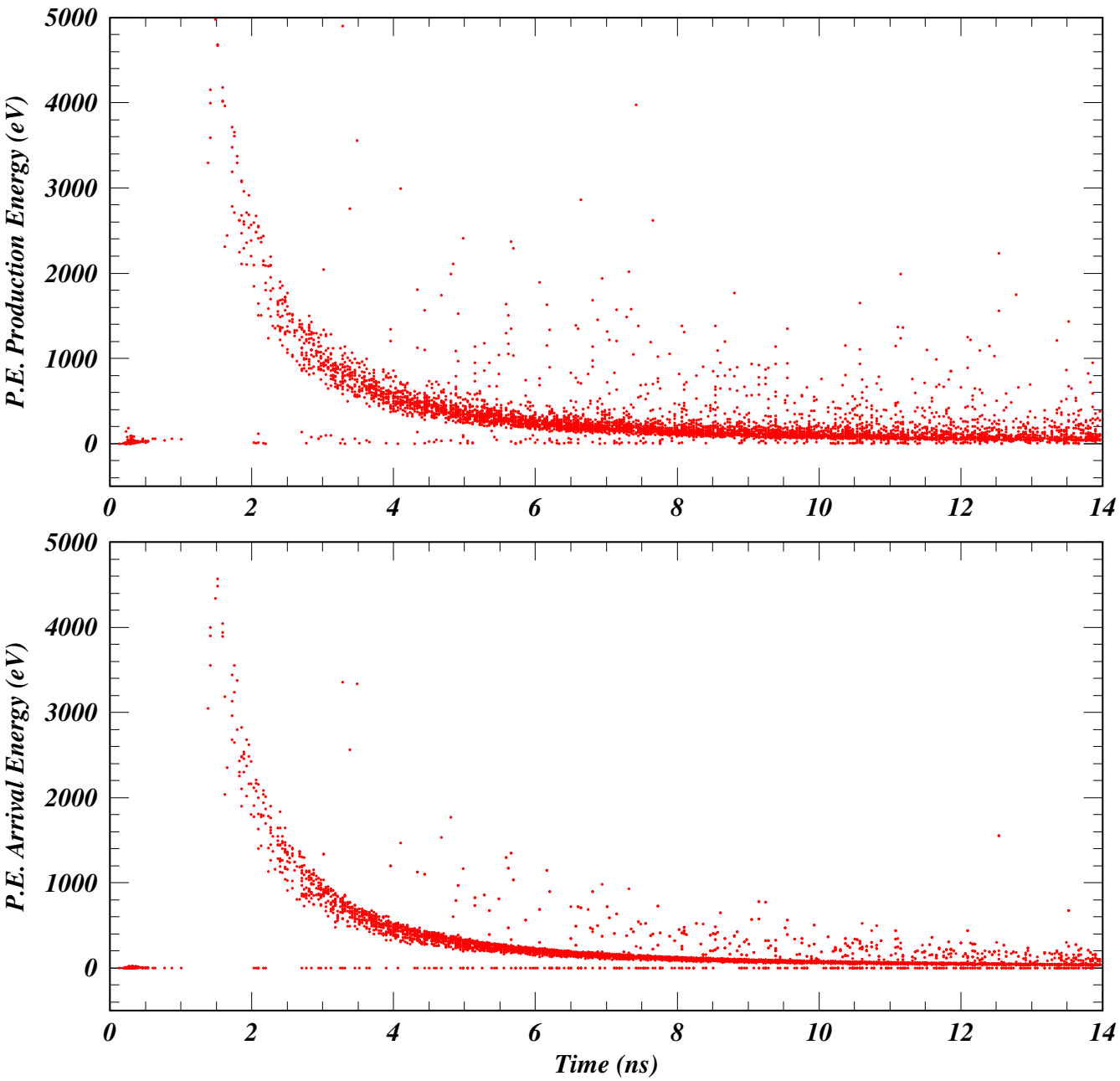
10/09/08 11.16

# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



10/09/08 11.16

# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



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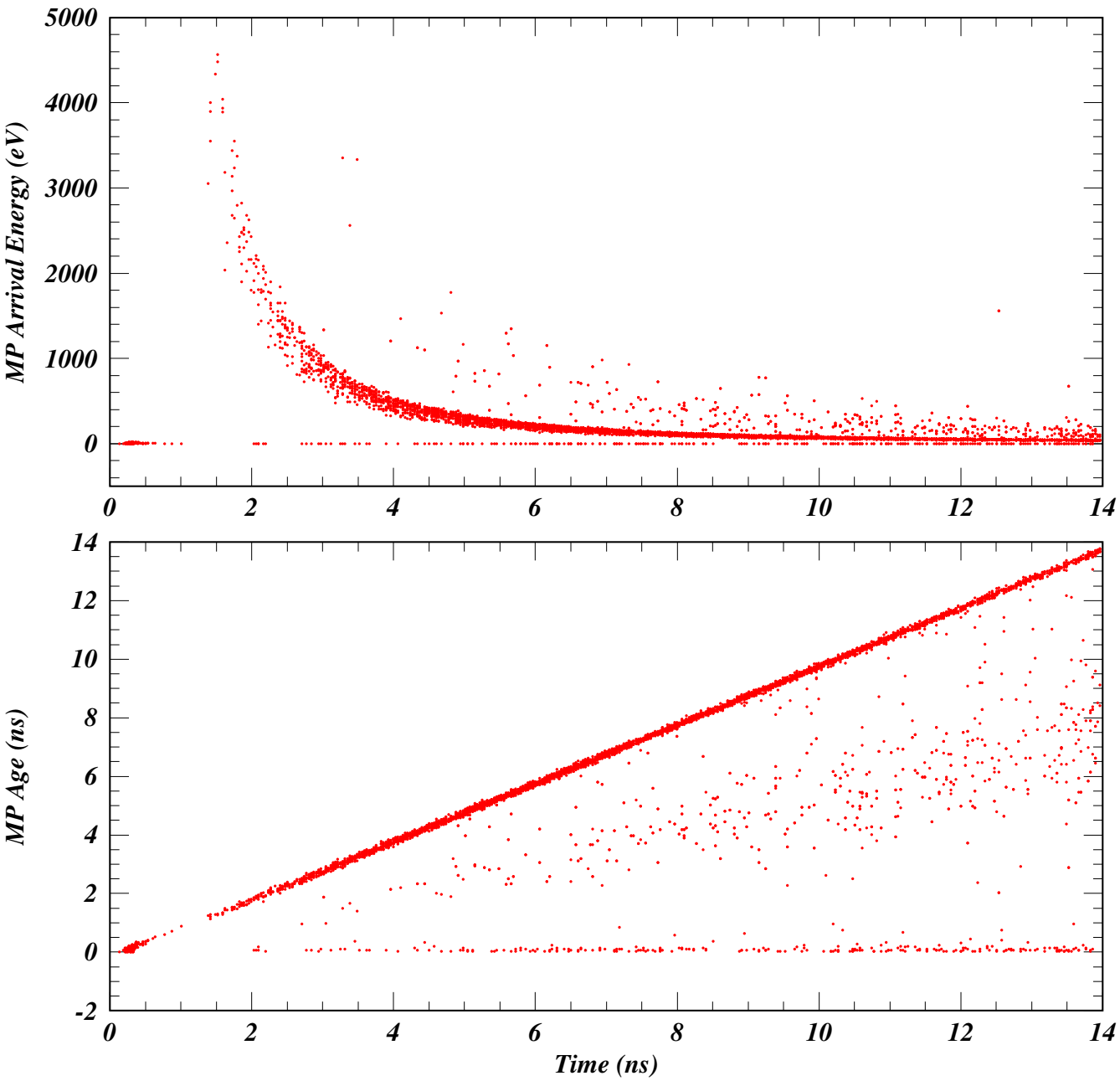
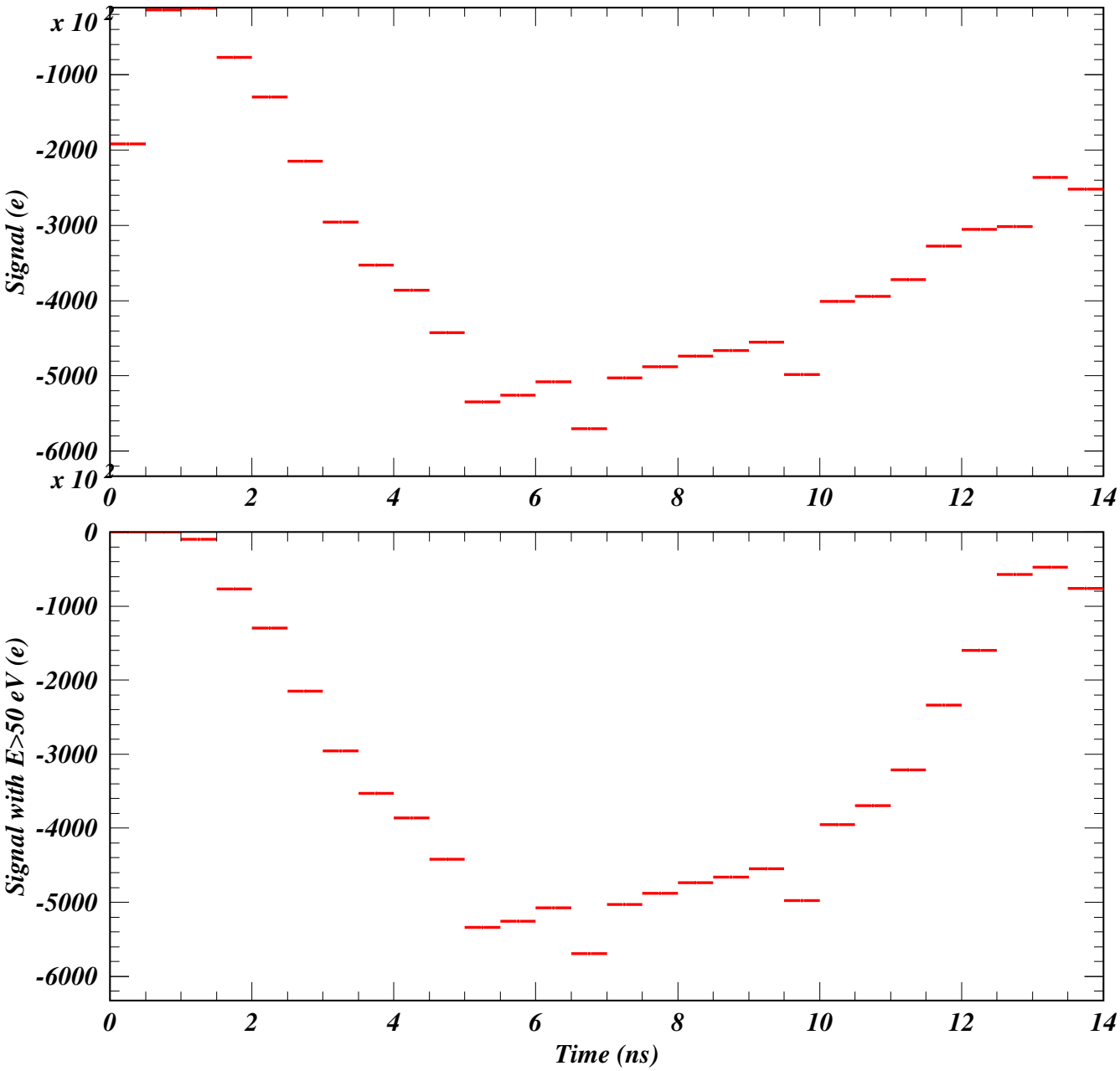
# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



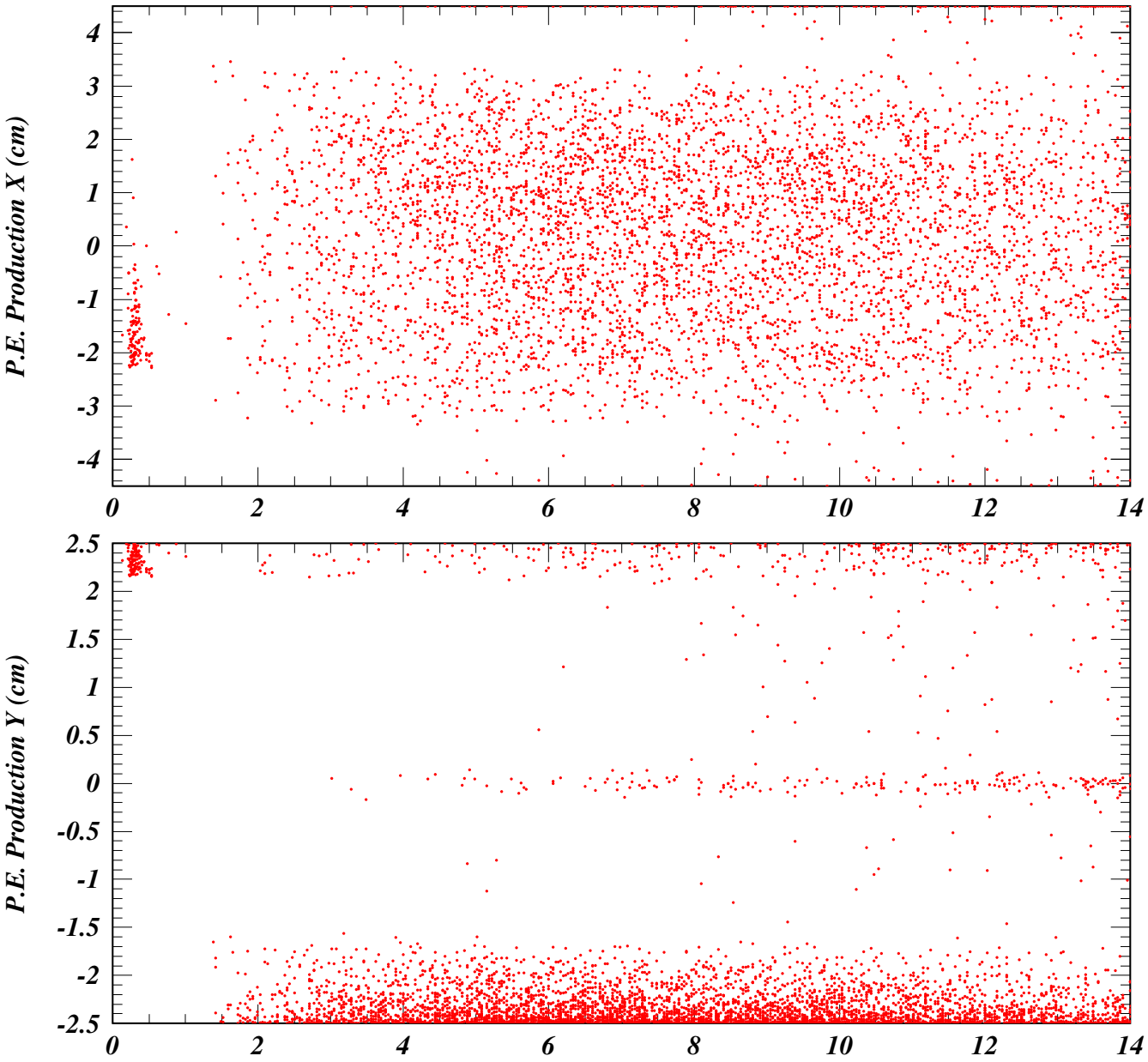
10/09/08 11.16

# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



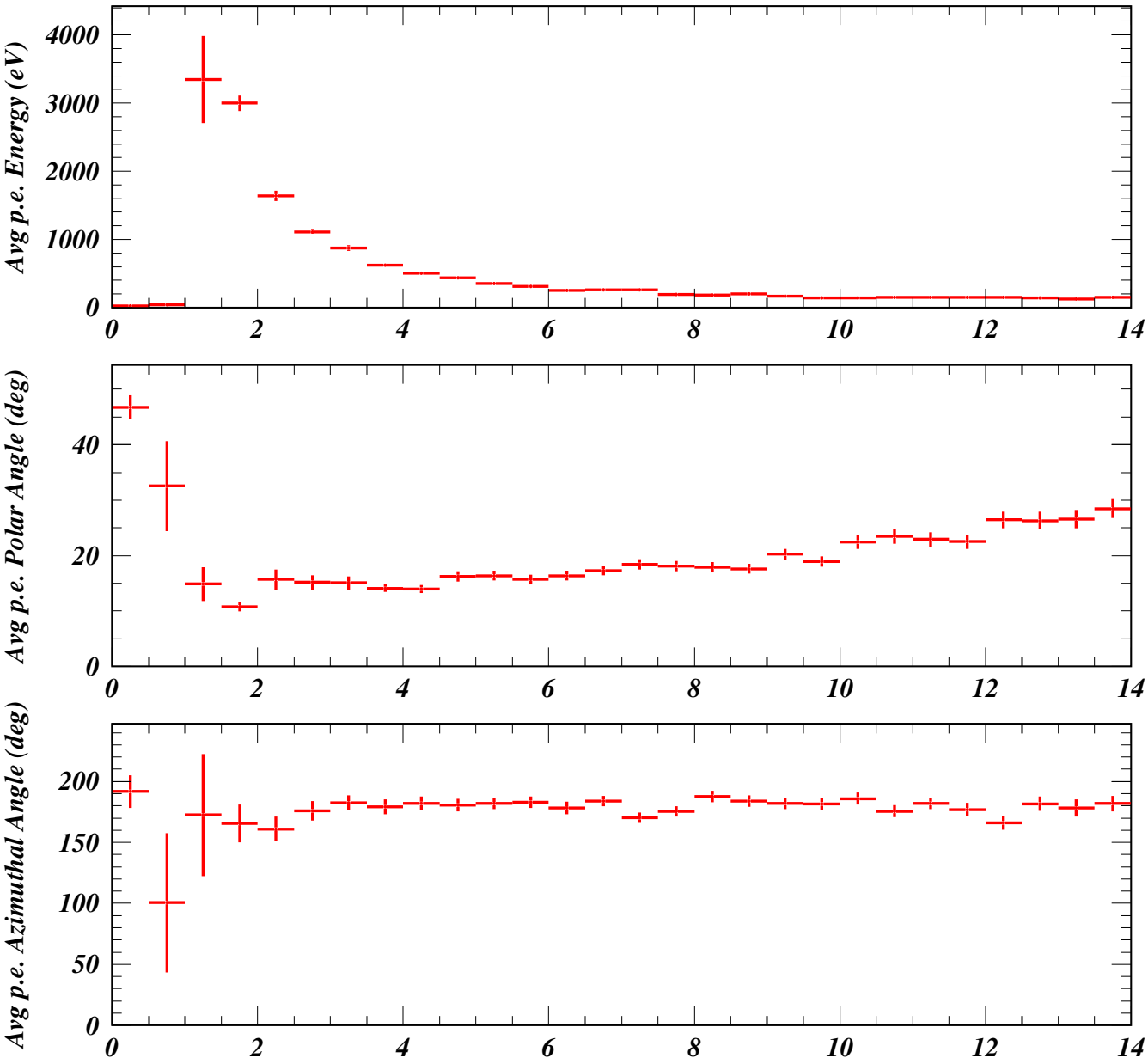
10/09/08 11.16

# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



10/09/08 11.16

# Job 16911: Button Signal Macroparticles For 0 < T < 14 ns



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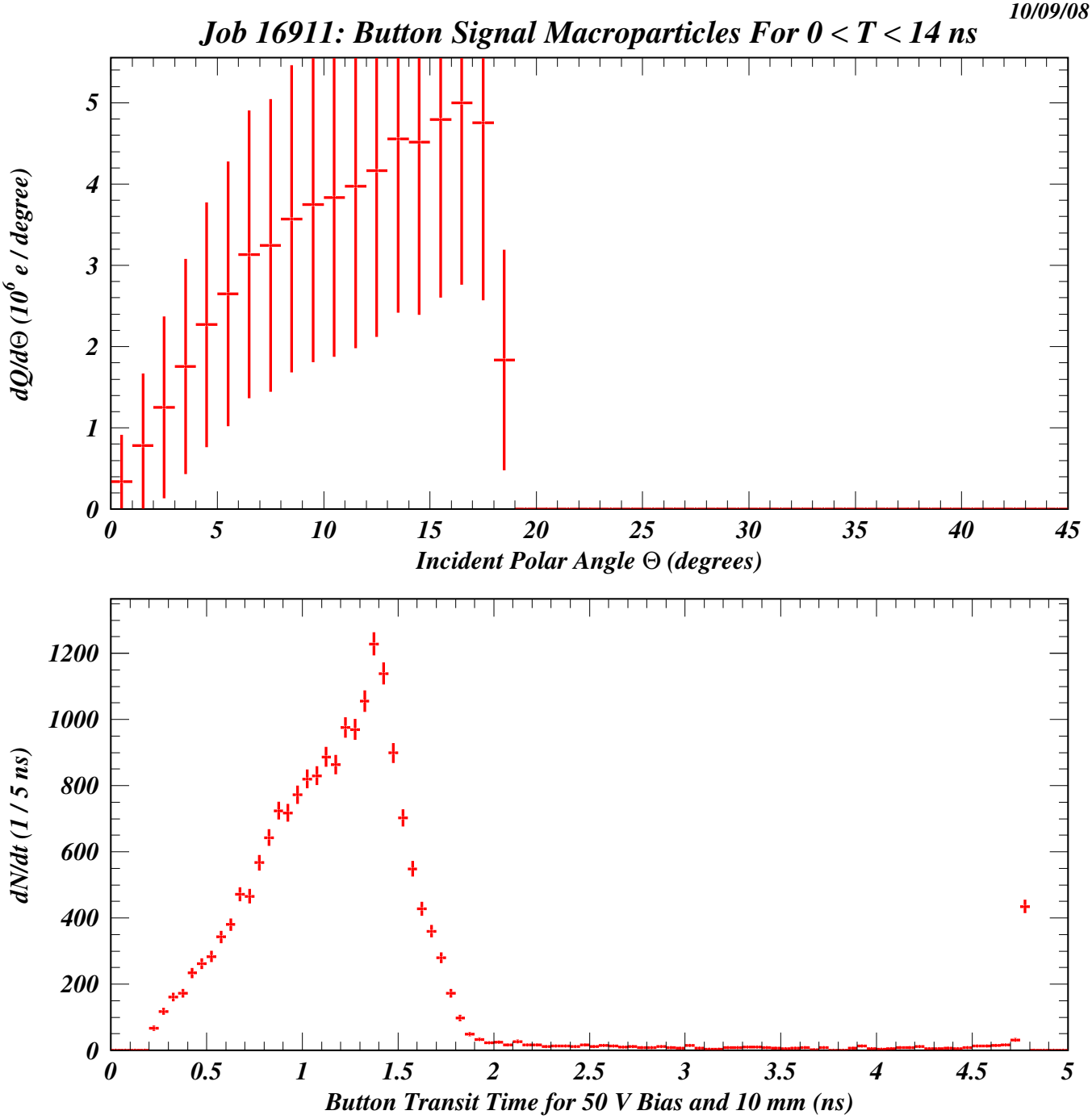
Job 16911: Button Signal Macroparticles For 0 < T < 14 ns
dQ/dΘ (10^6 e / degree)
0
1
2
3
4
5
0
5
10
15
20
25
30
35
40
45
Incident Polar Angle Θ (degrees)
dN/dt (1 / 5 ns)
0
200
400
600
800
1000
1200
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Button Transit Time for 50 V Bias and 10 mm (ns)