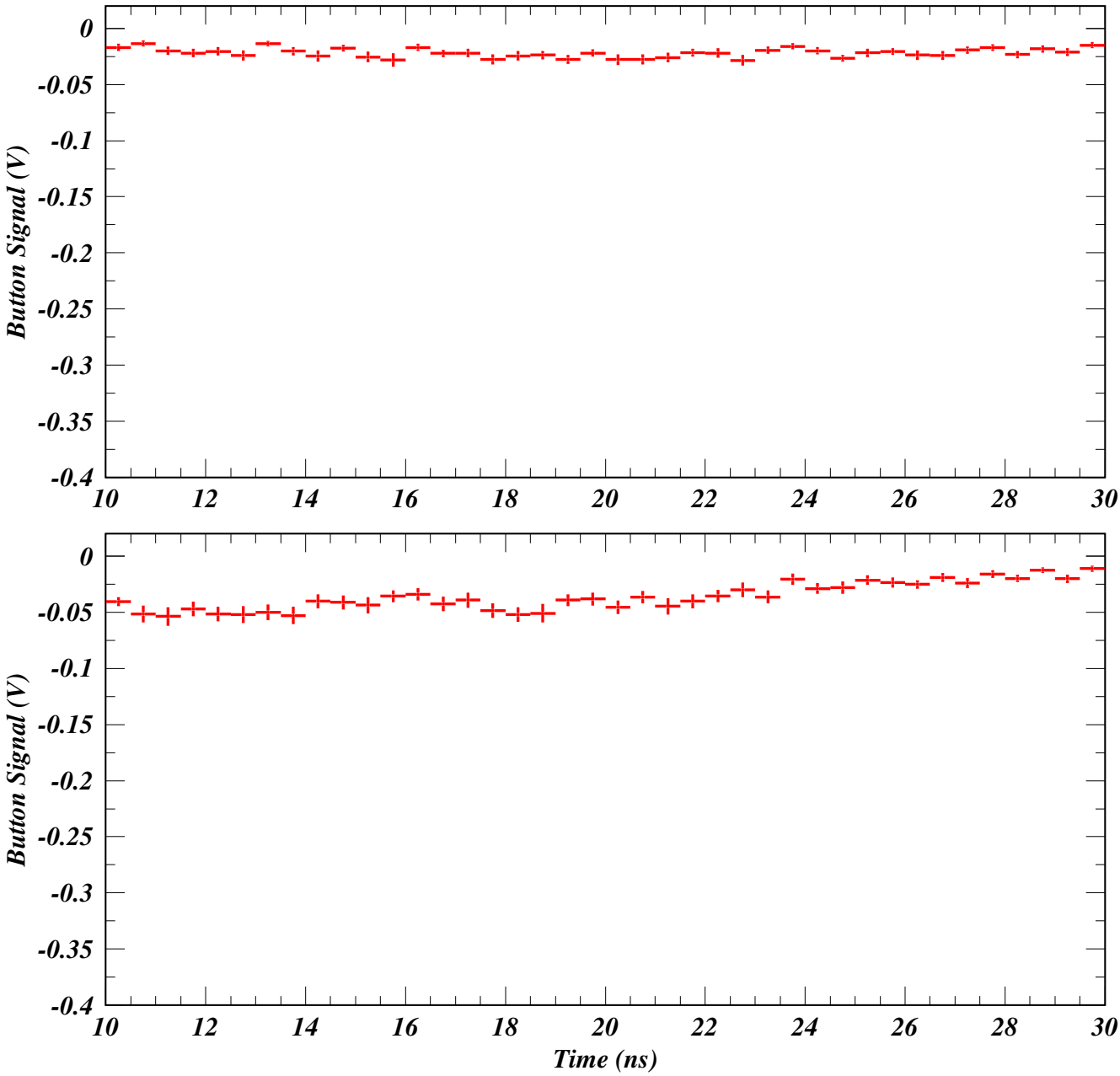
10/11/24 10.49

Job 19307: Shielded Button Simulation



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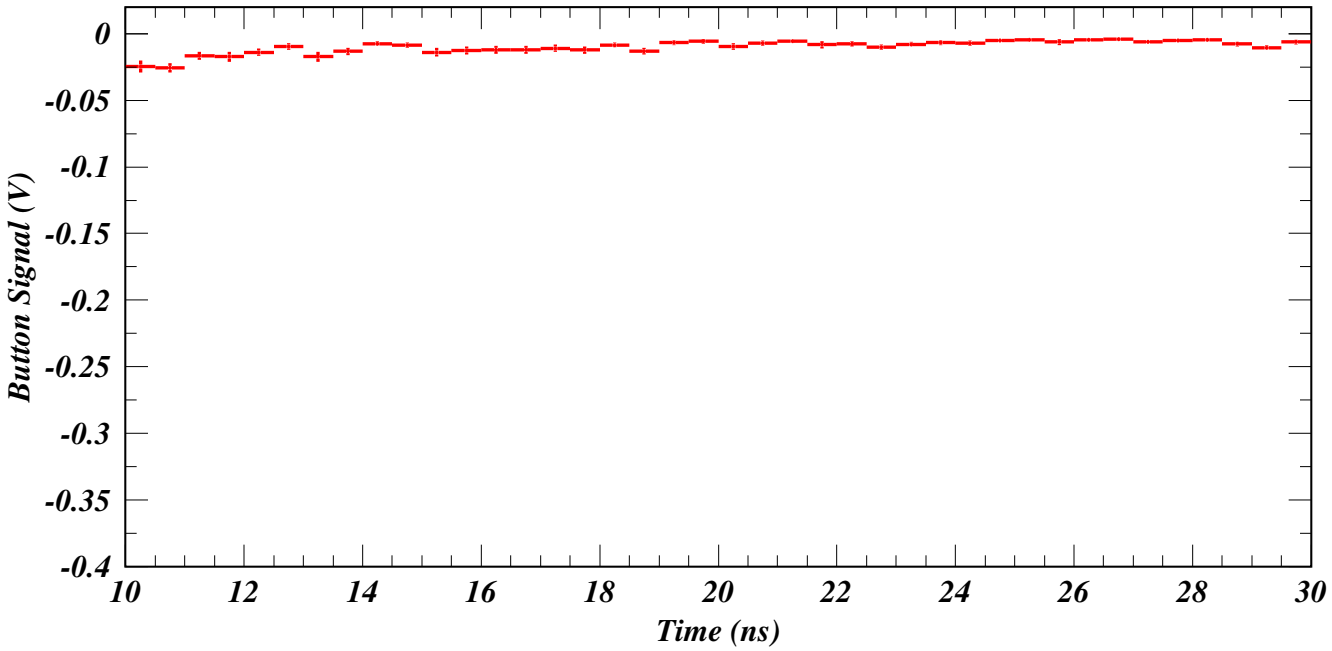
Job 19307: Shielded Button Simulation



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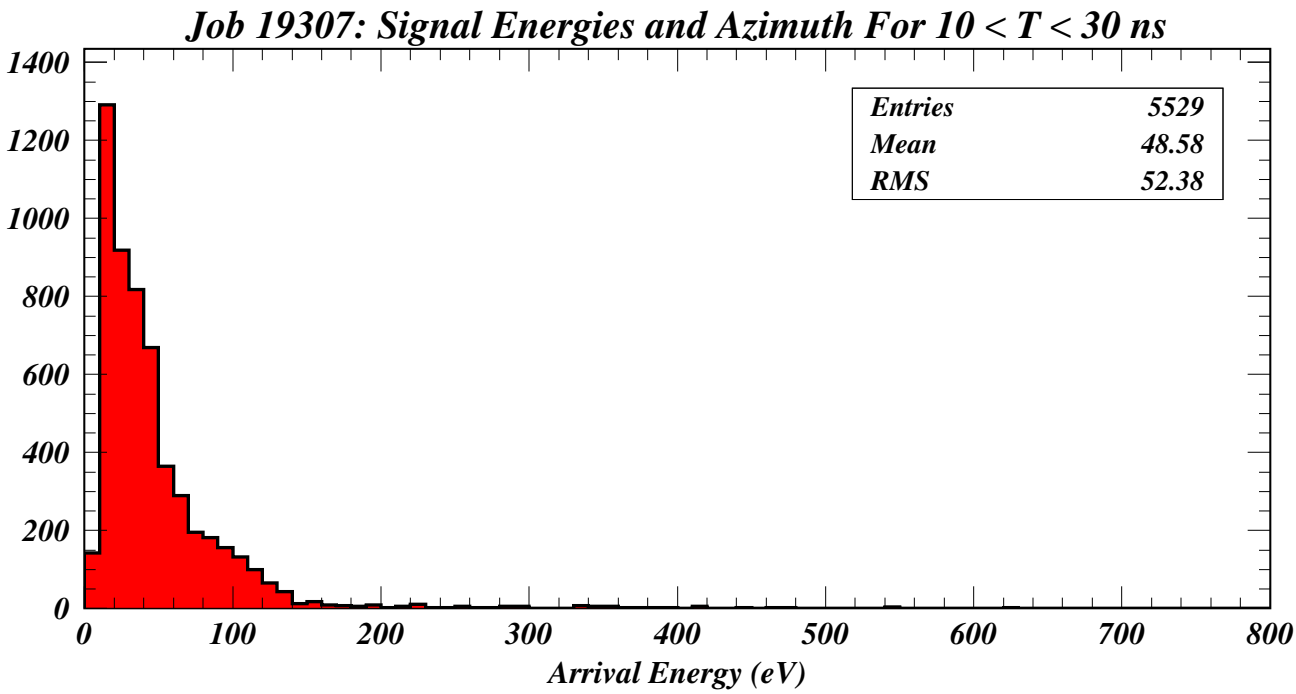
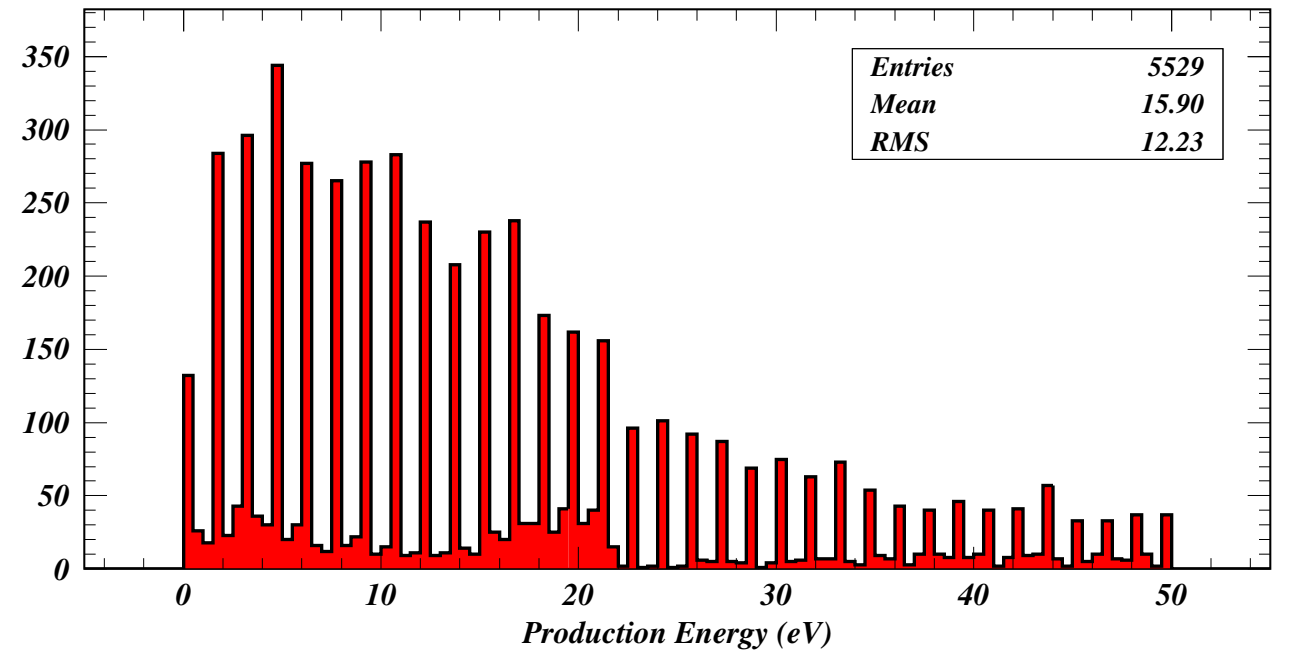

Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns
Entries 5529
Mean 48.58
RMS 52.38
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
Arrival Energy (eV)


Entries 5529
Mean 15.90
RMS 12.23
350
300
250
200
150
100
50
0
0
10
20
30
40
50
Production Energy (eV)

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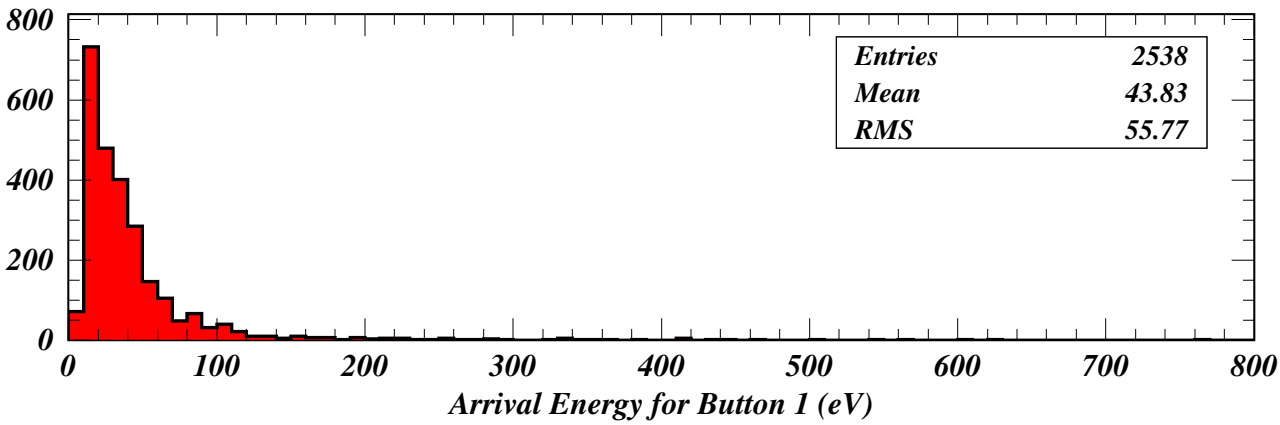
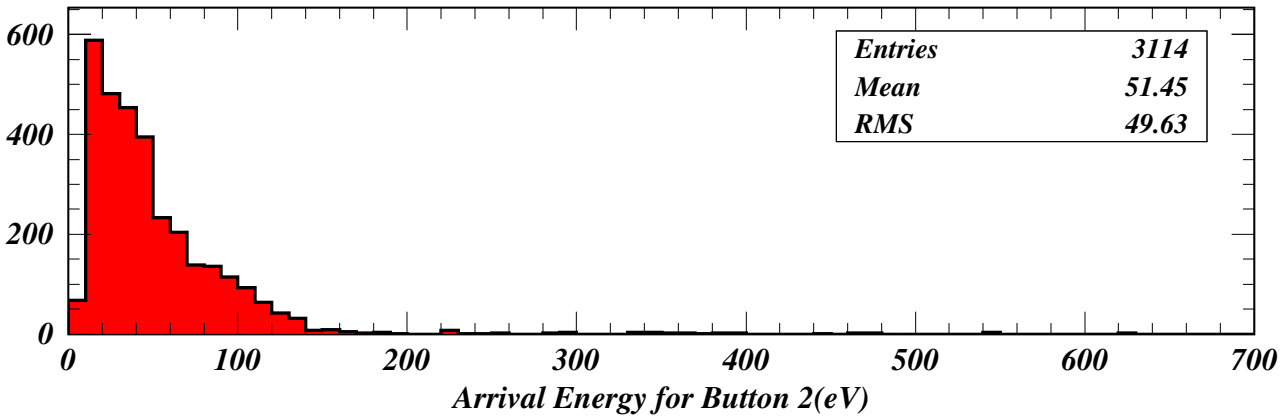
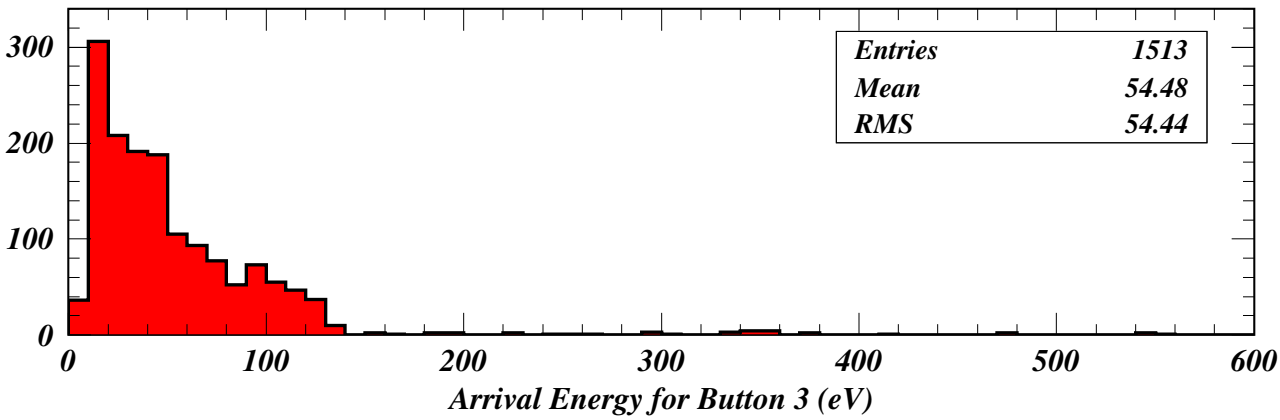
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns







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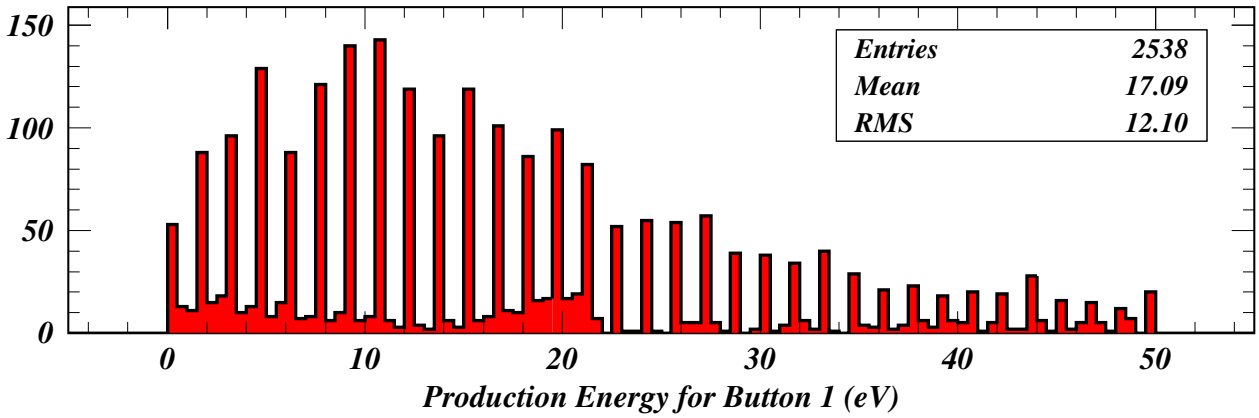
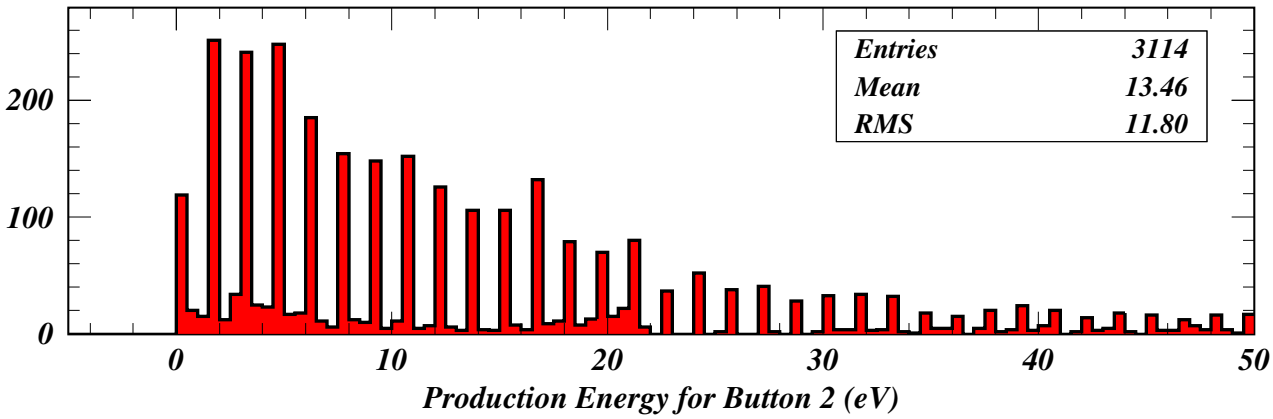
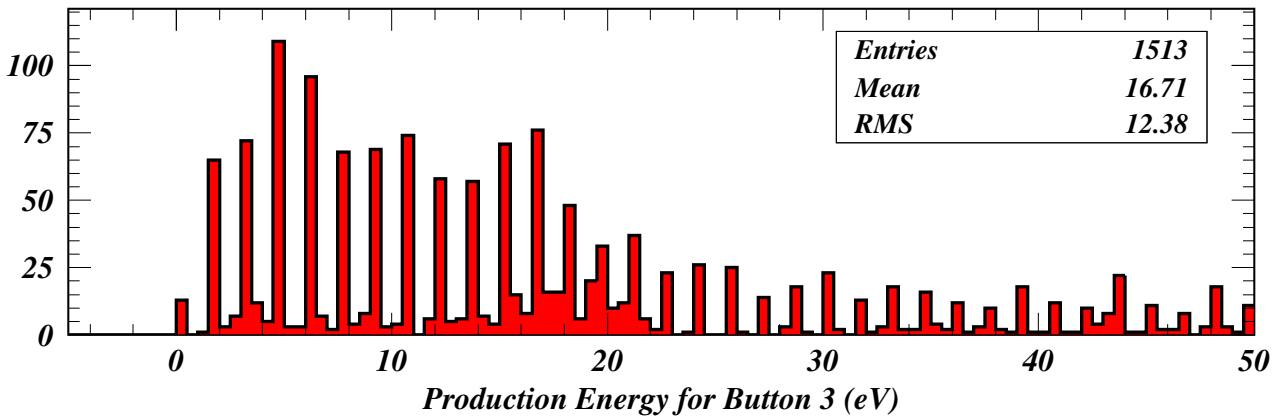
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns







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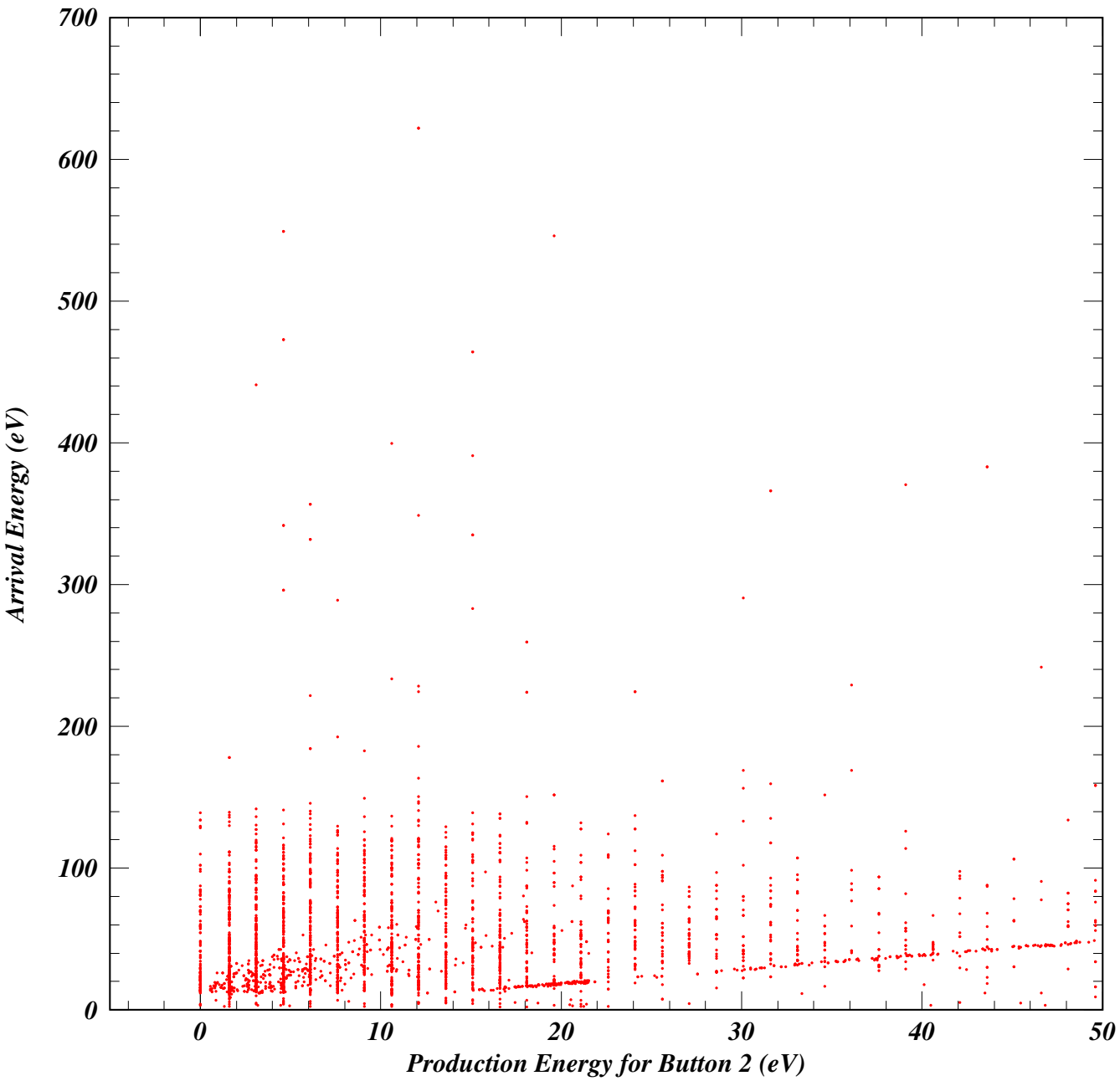
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns



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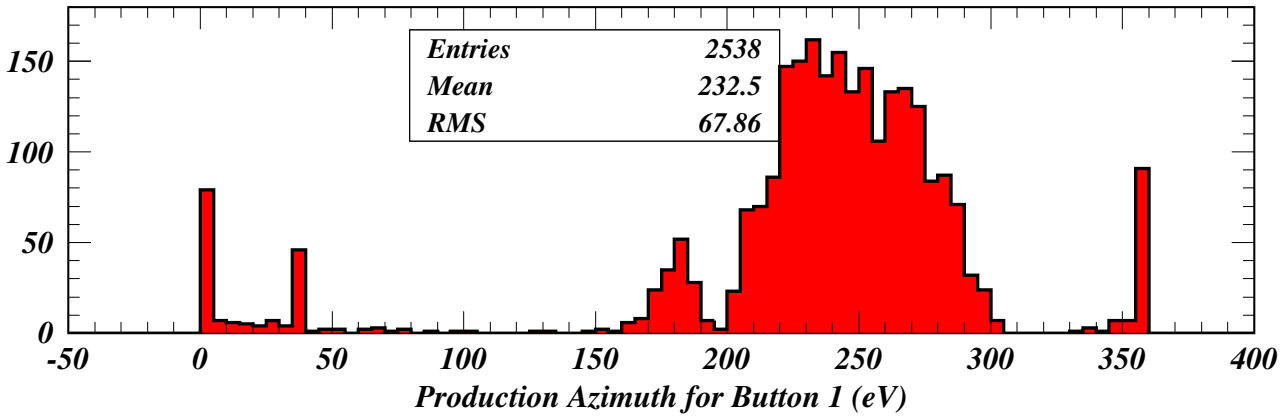
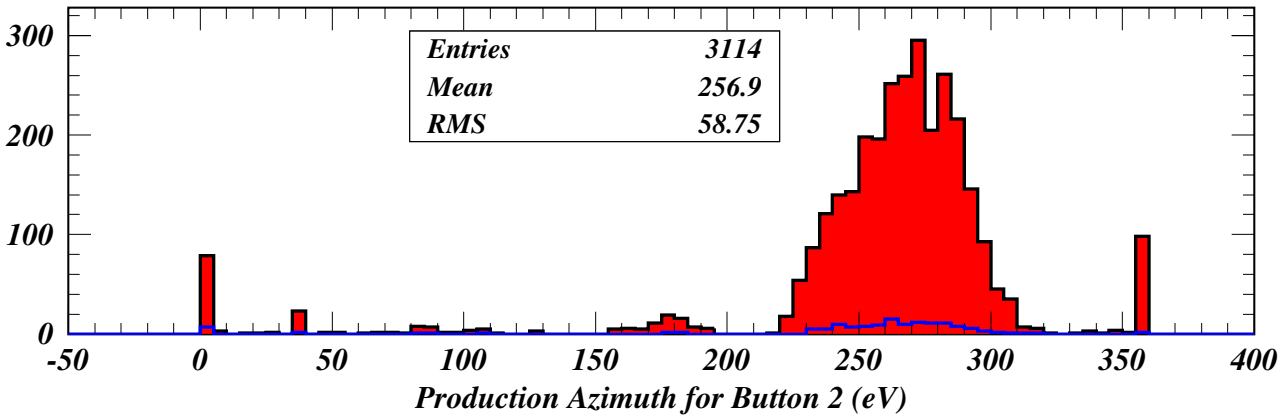
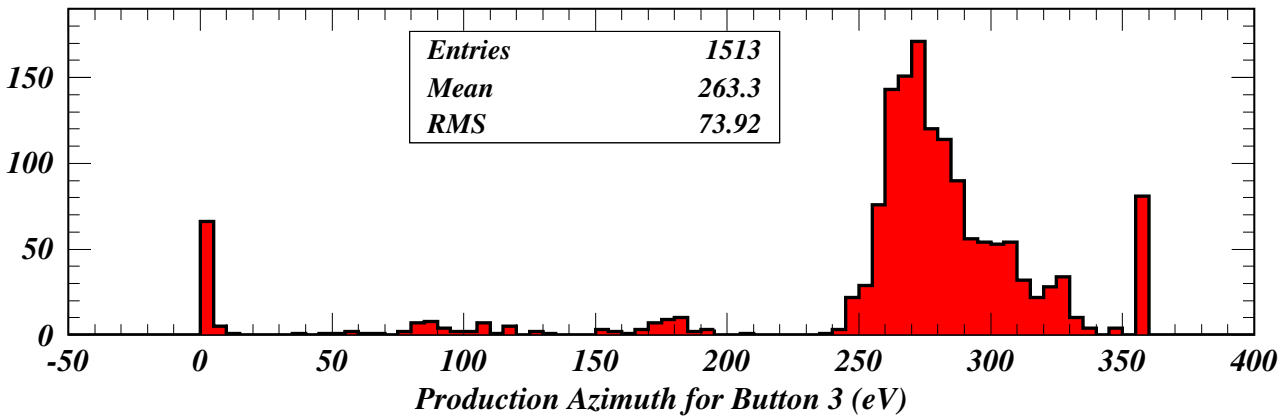
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns







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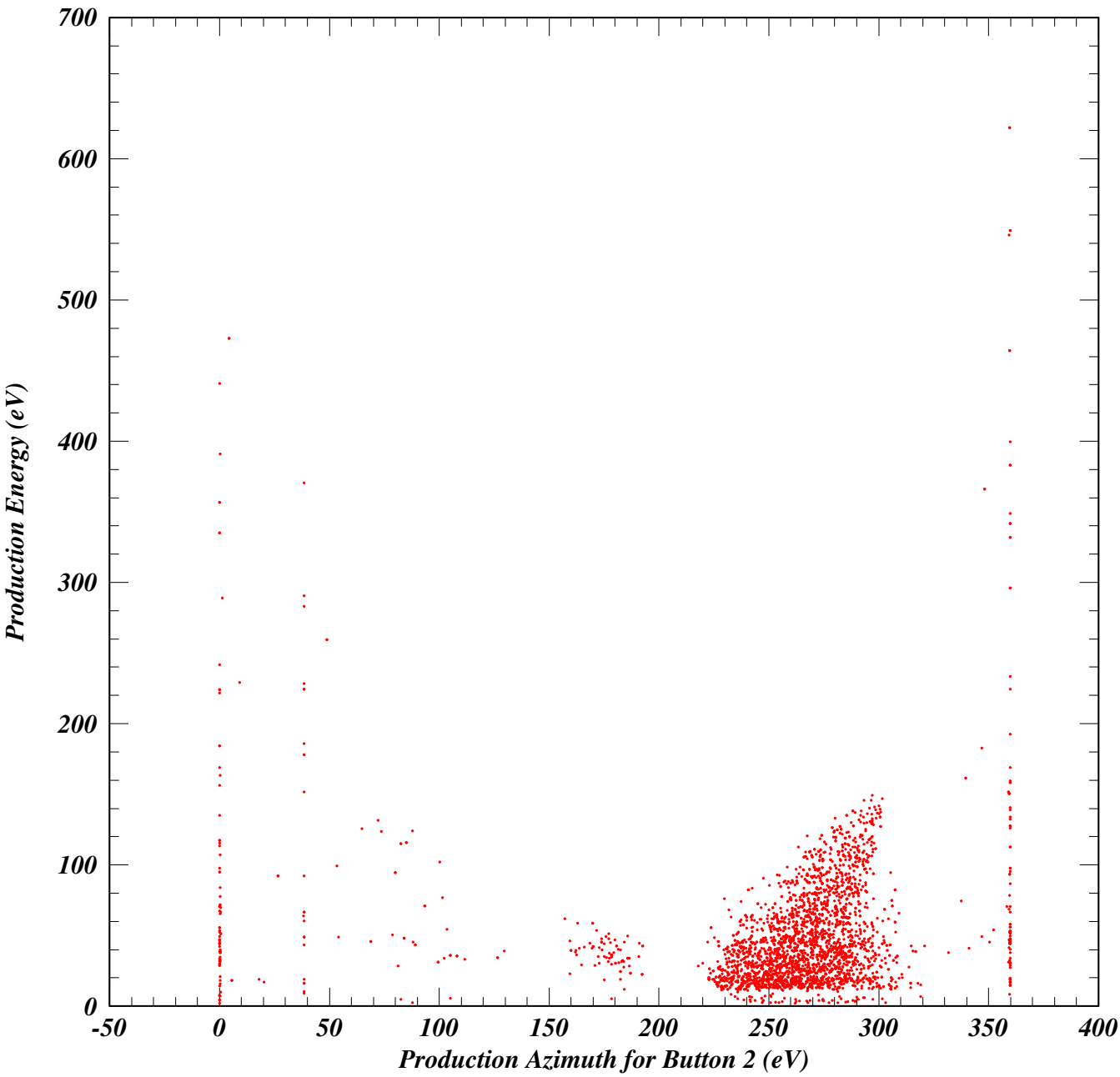
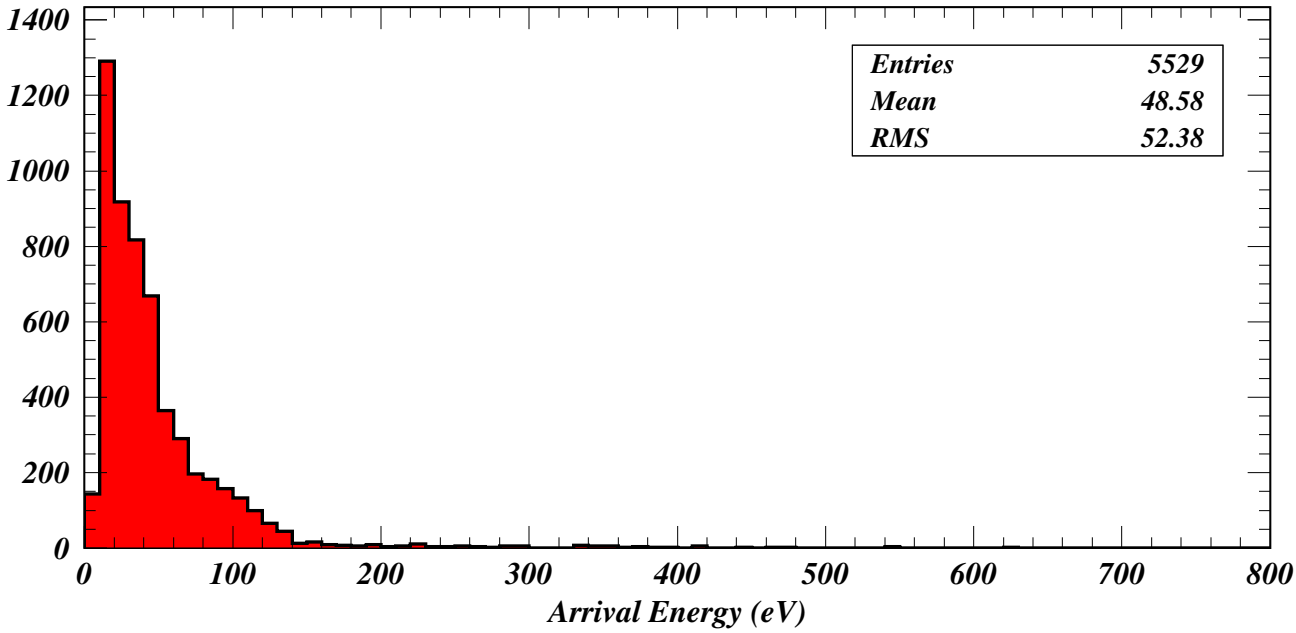
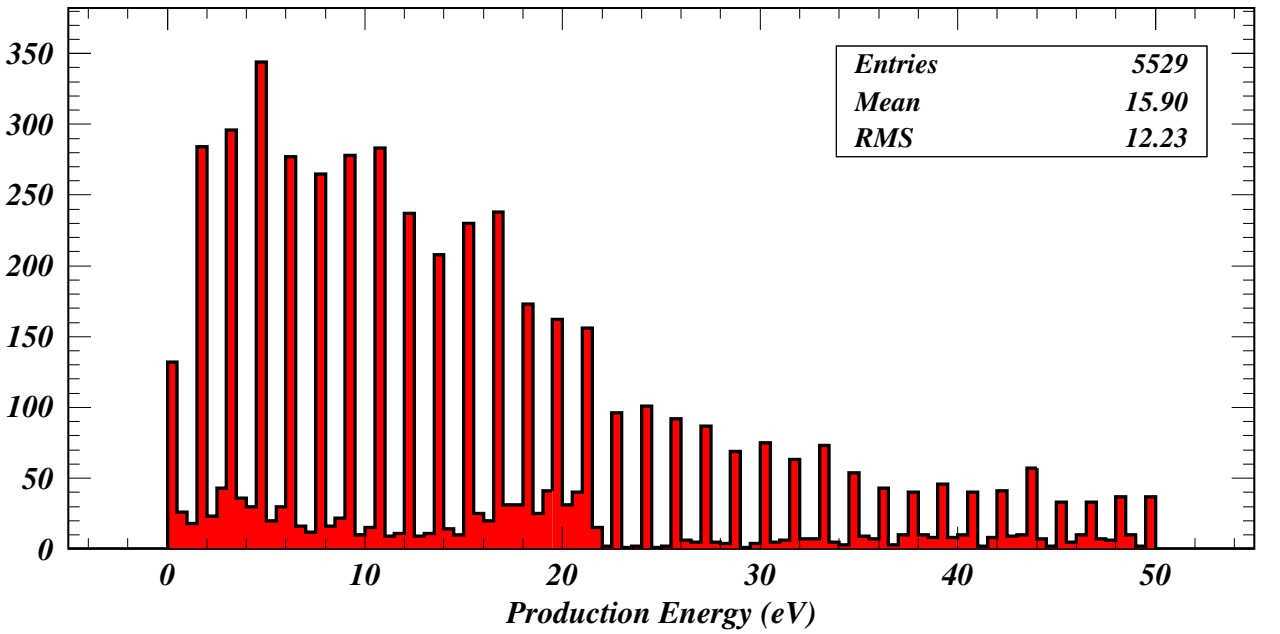
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns

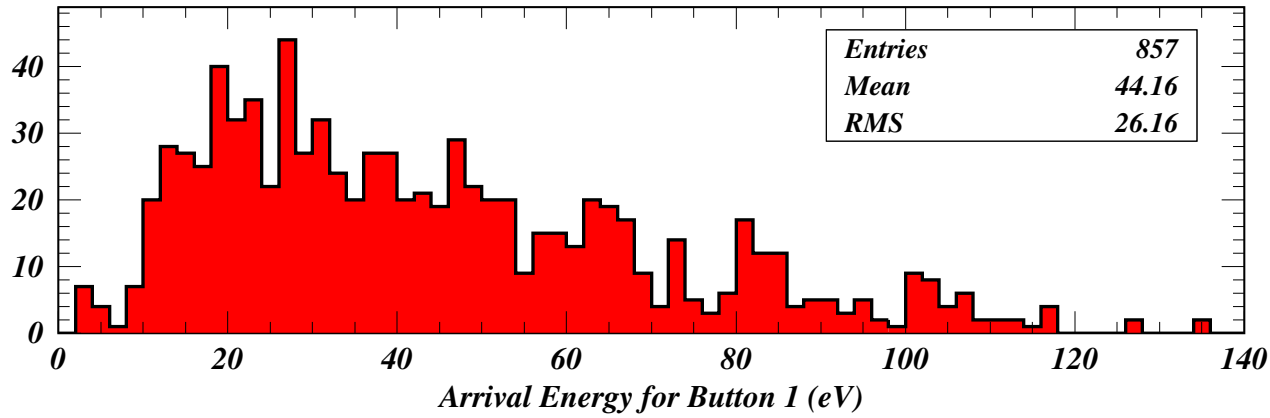


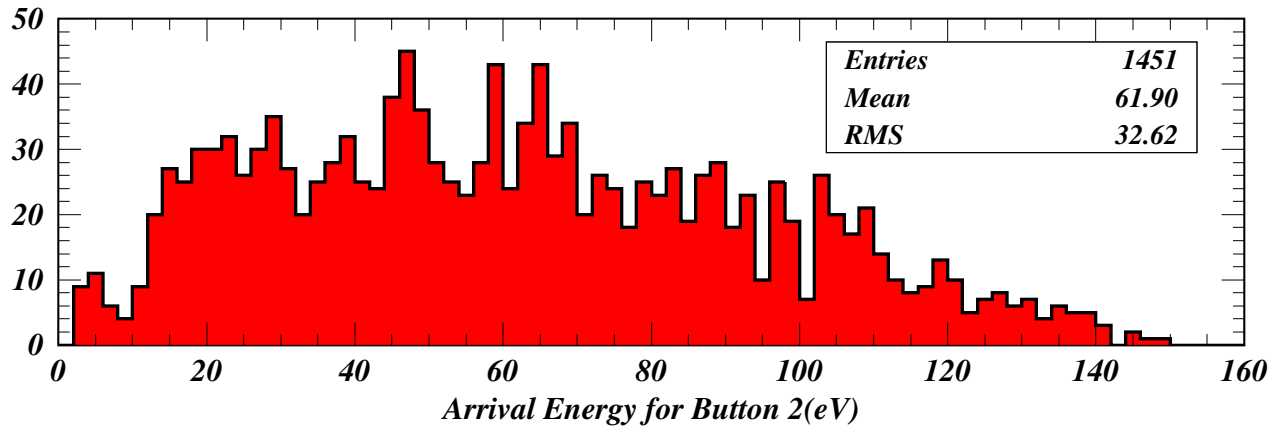
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns: Primaries Only

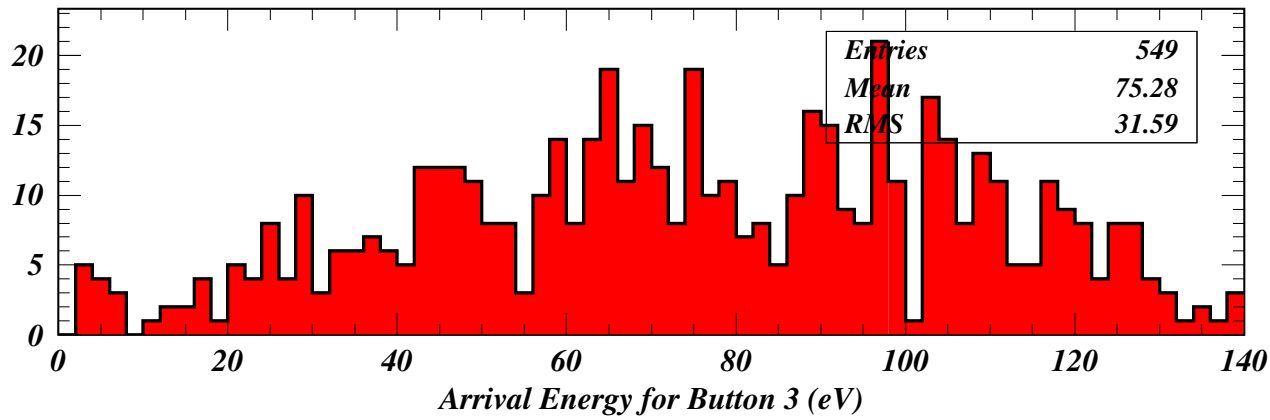




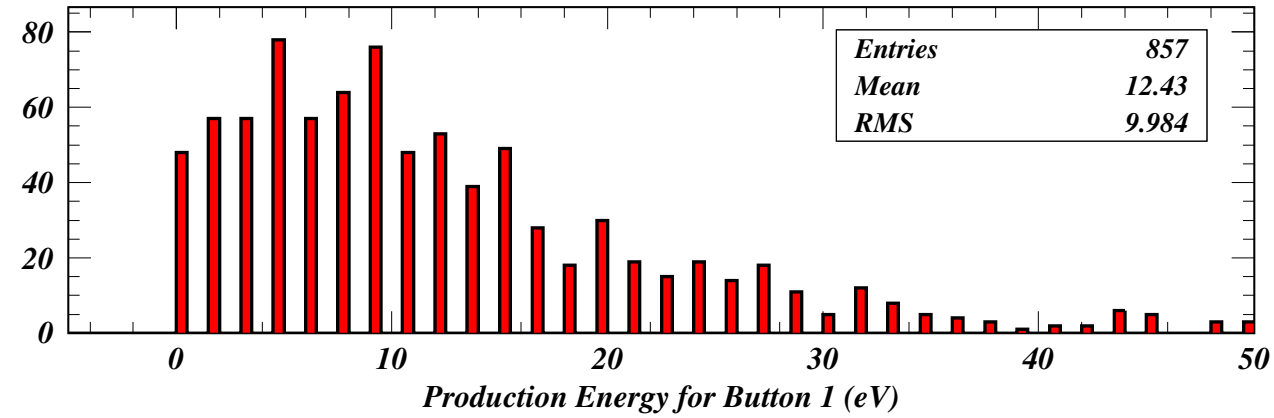
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns: Primaries Only

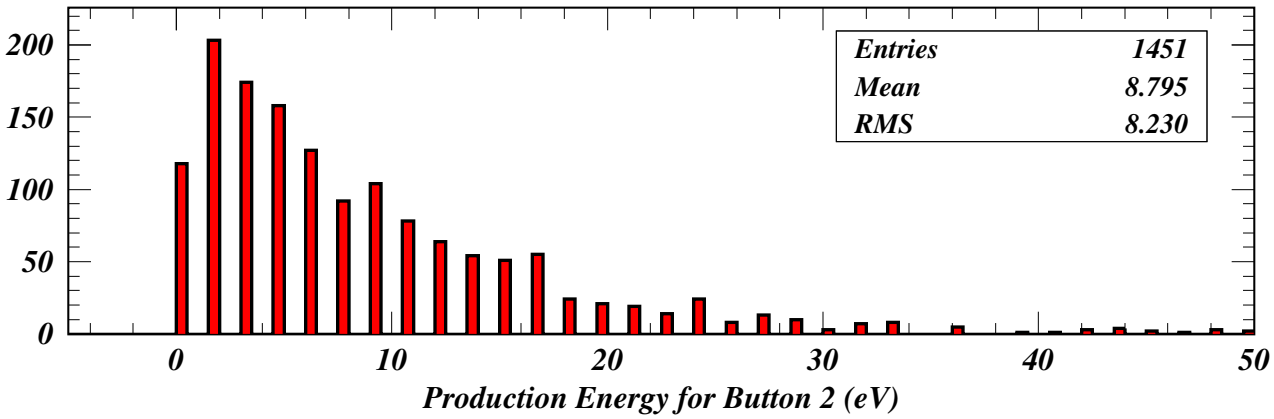


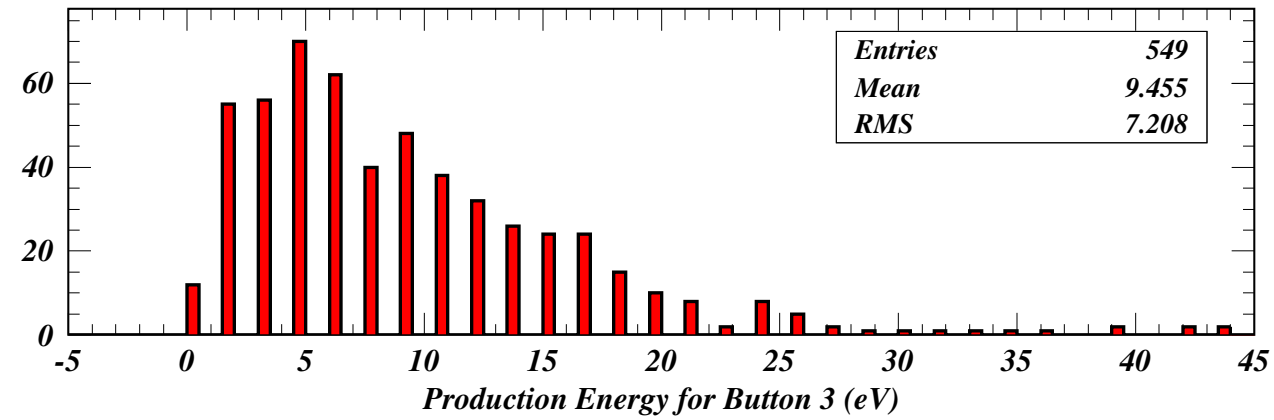




Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns: Primaries Only

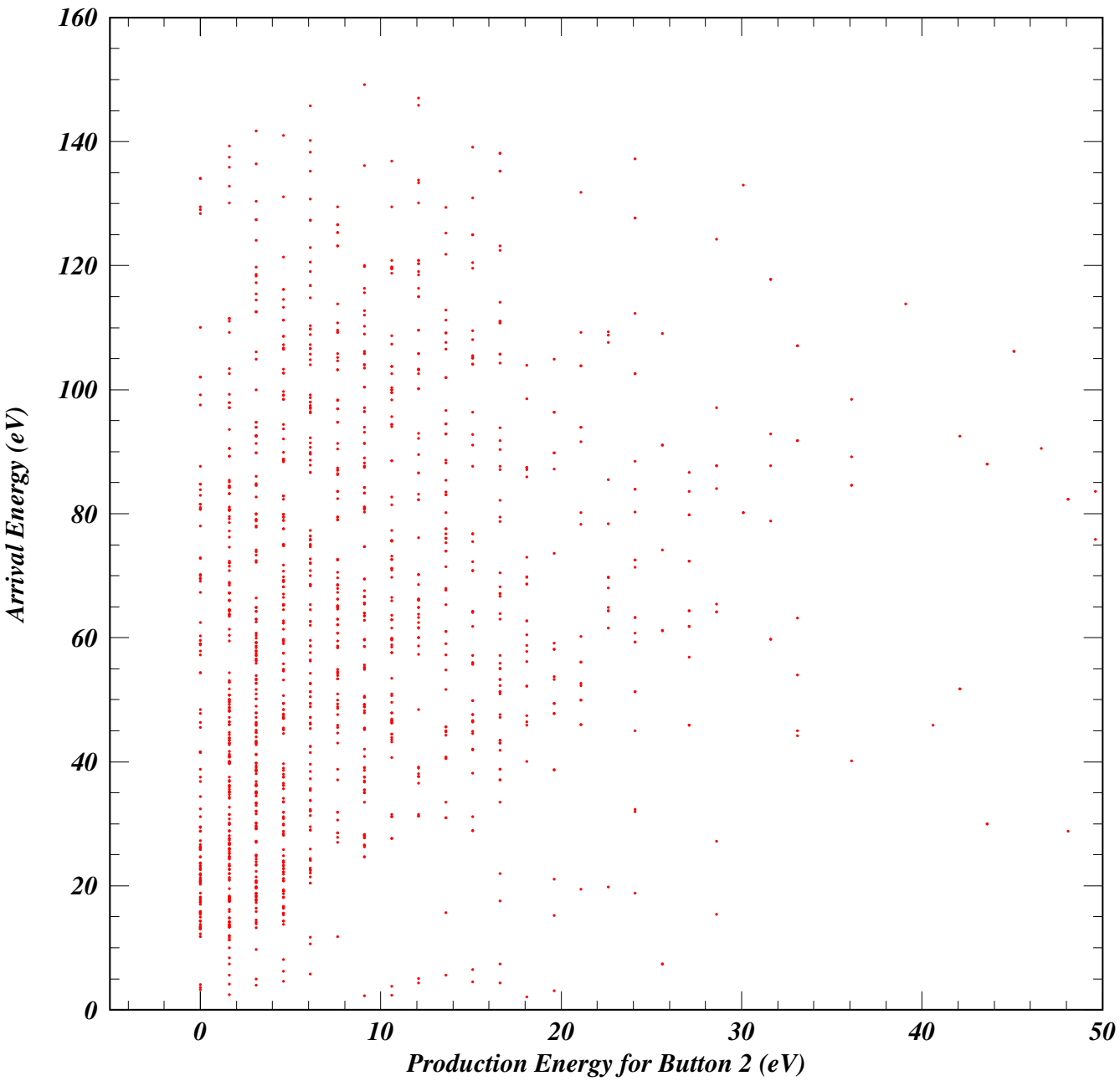




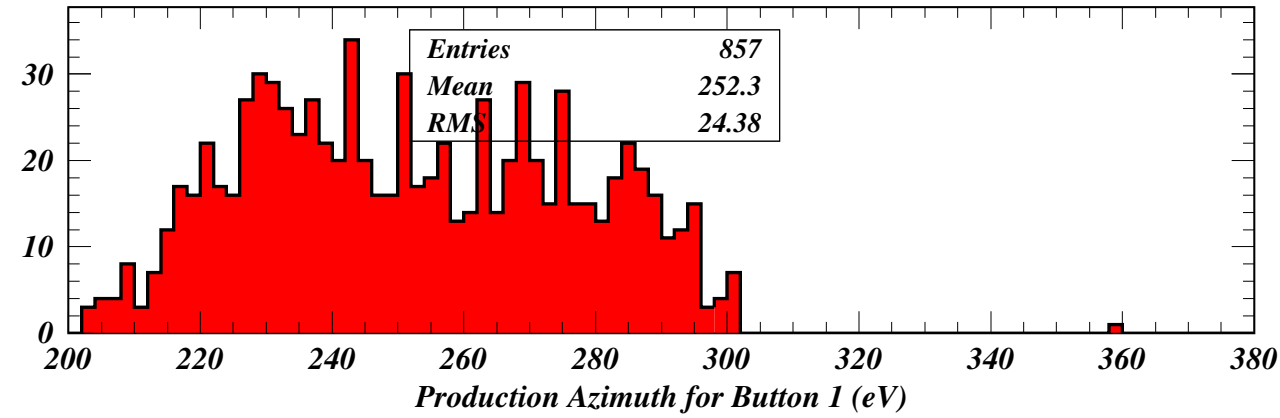


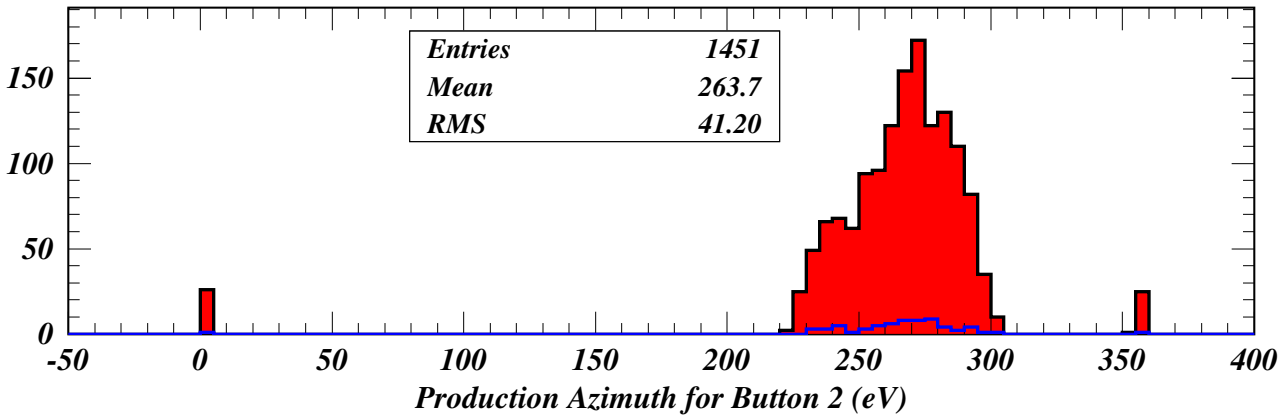
10/11/24 10.49

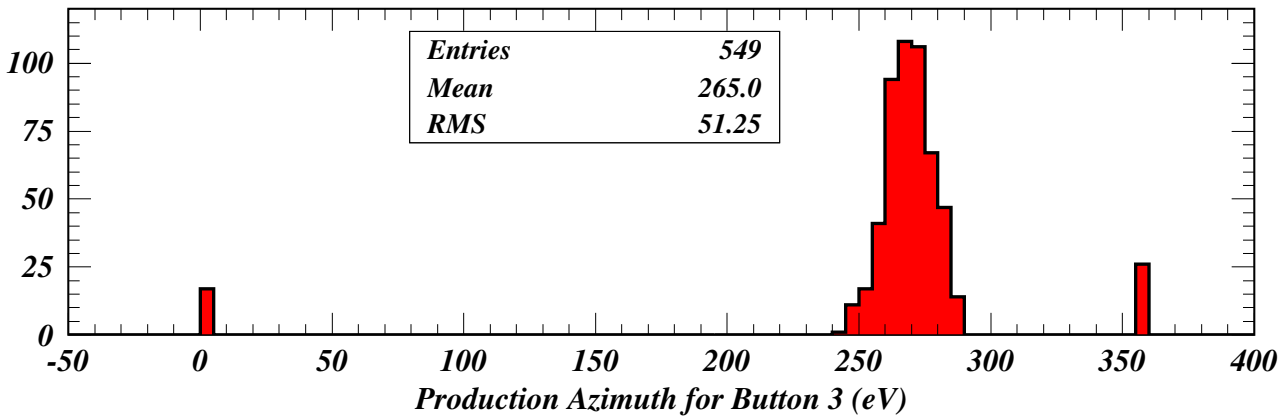
Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns: Primaries Only



Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns: Primaries Only

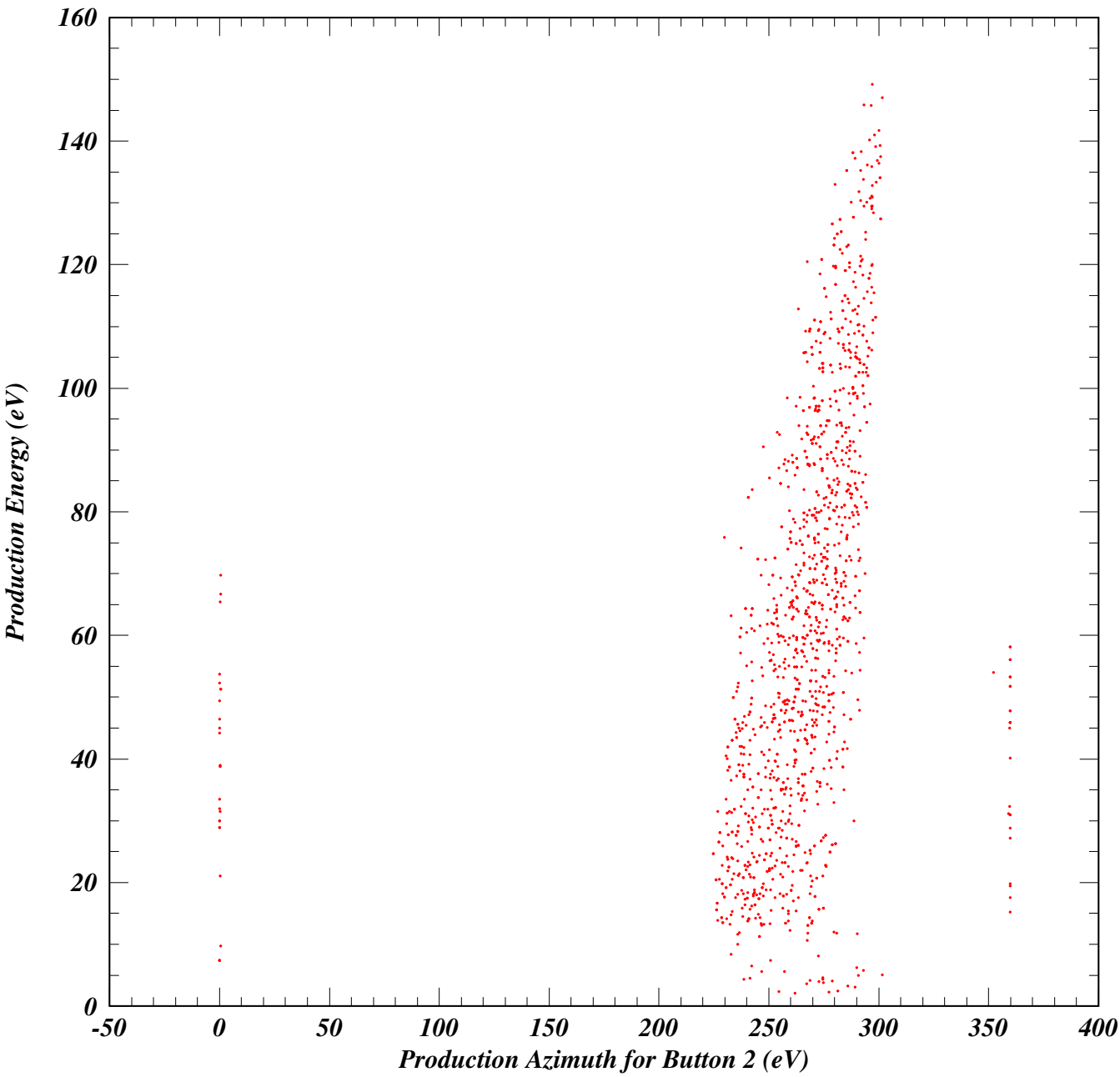




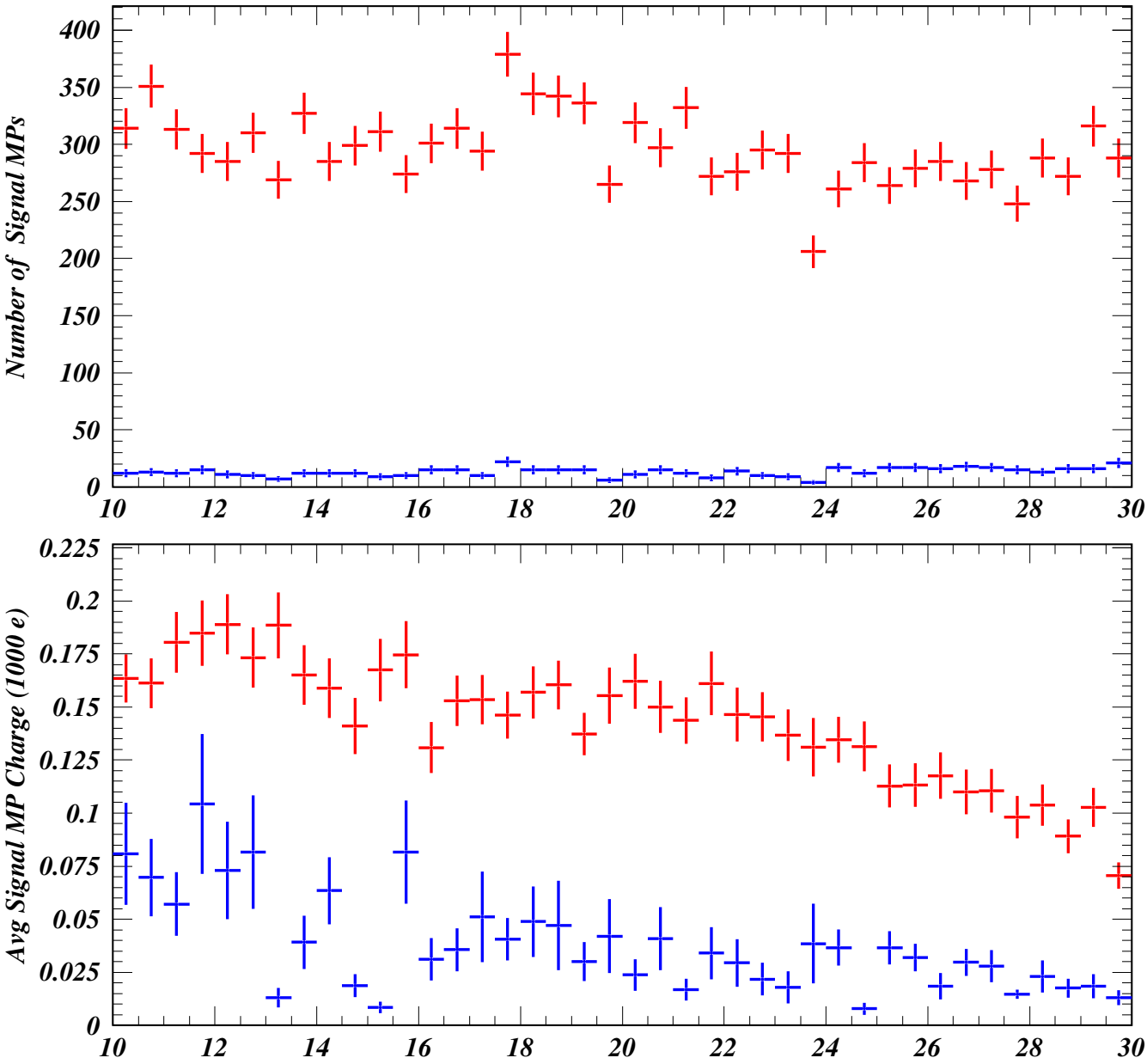


10/11/24 10.49

Job 19307: Signal Energies and Azimuth For 10 < T < 30 ns: Primaries Only



Job 19307: Button Signal Macroparticles For 10 < T < 30 ns



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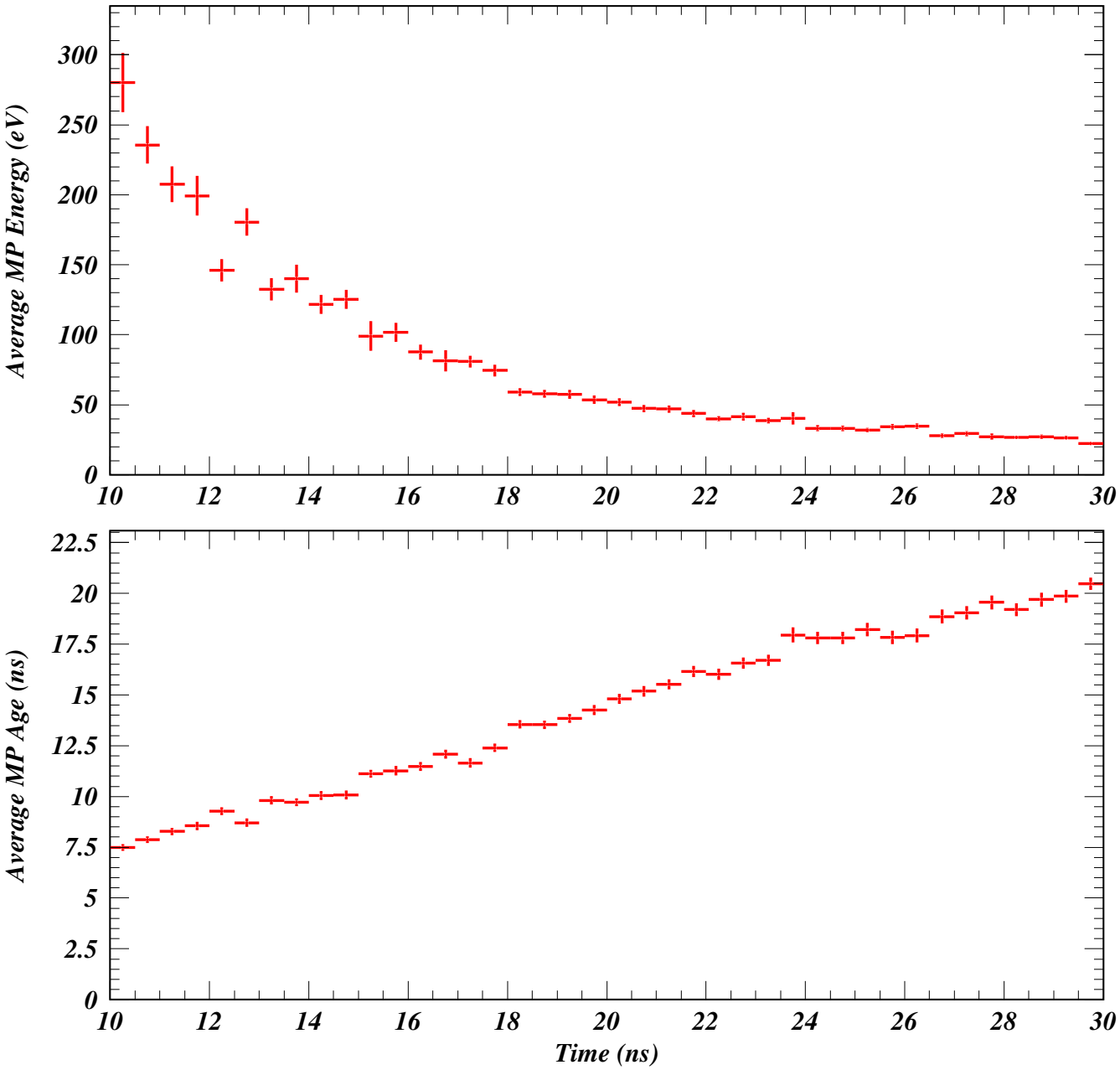
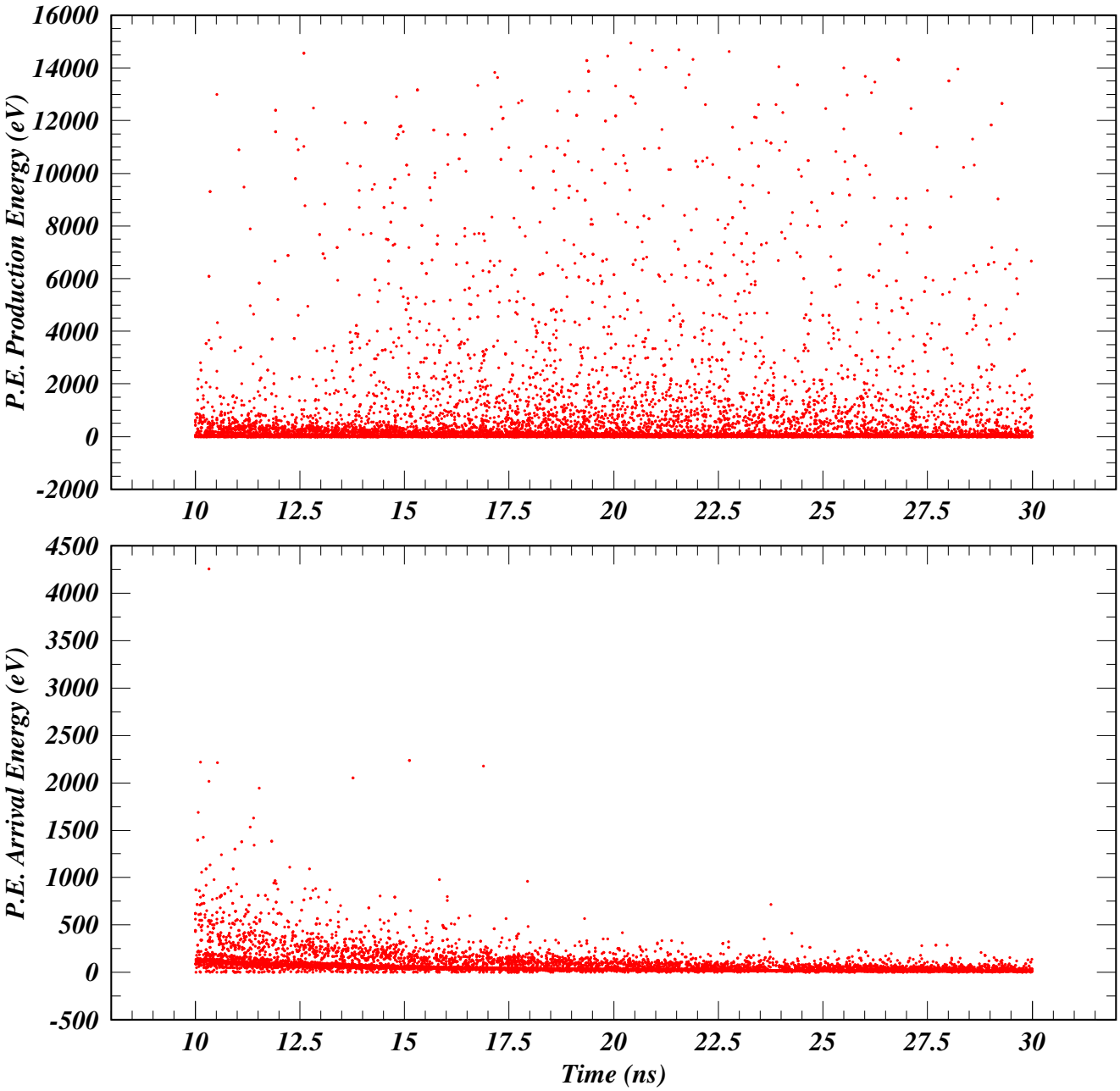
Job 19307: Button Signal Macroparticles For 10 < T < 30 ns



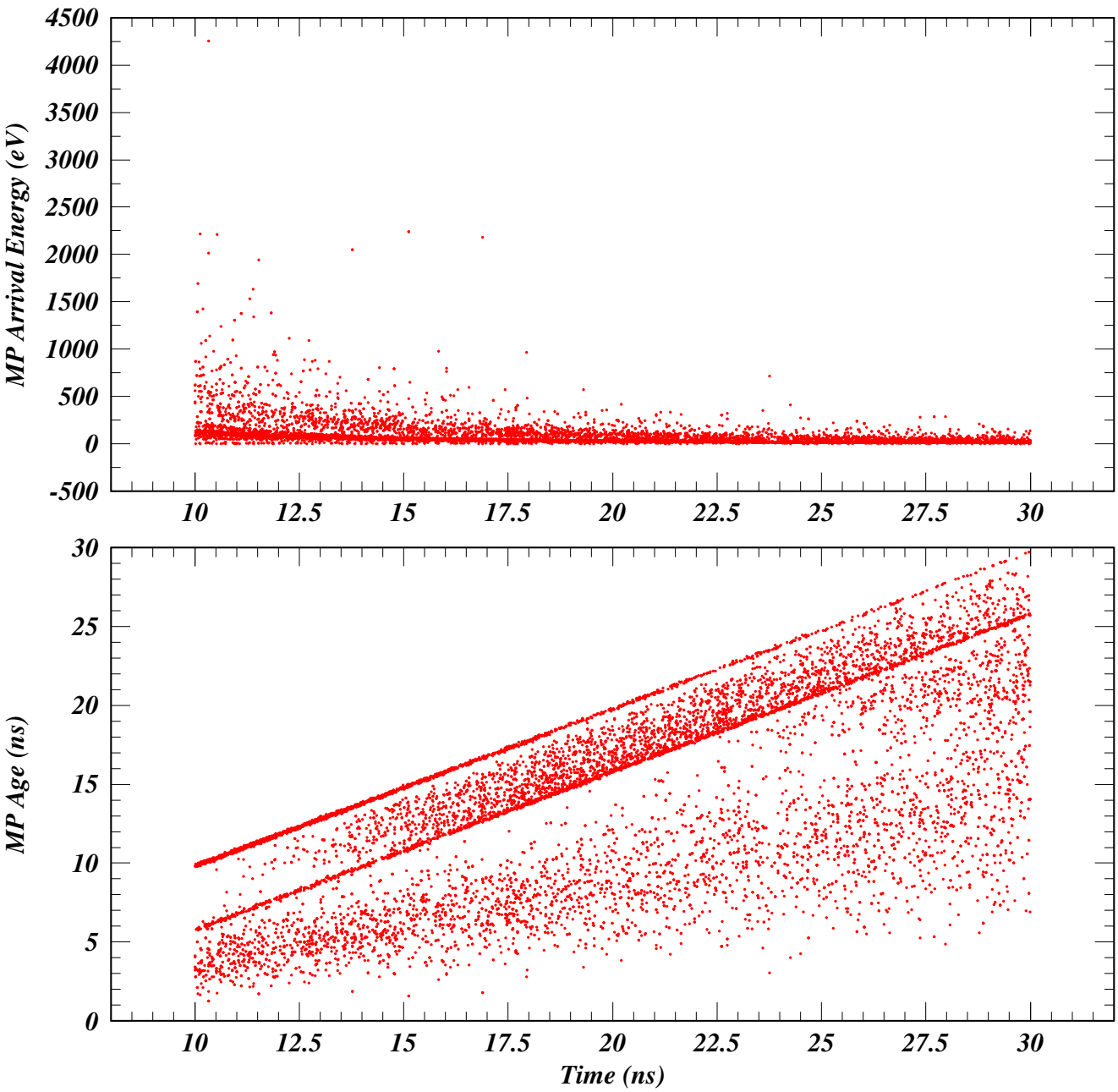
10/11/24 10.49

Job 19307: Button Signal Macroparticles For 10 < T < 30 ns



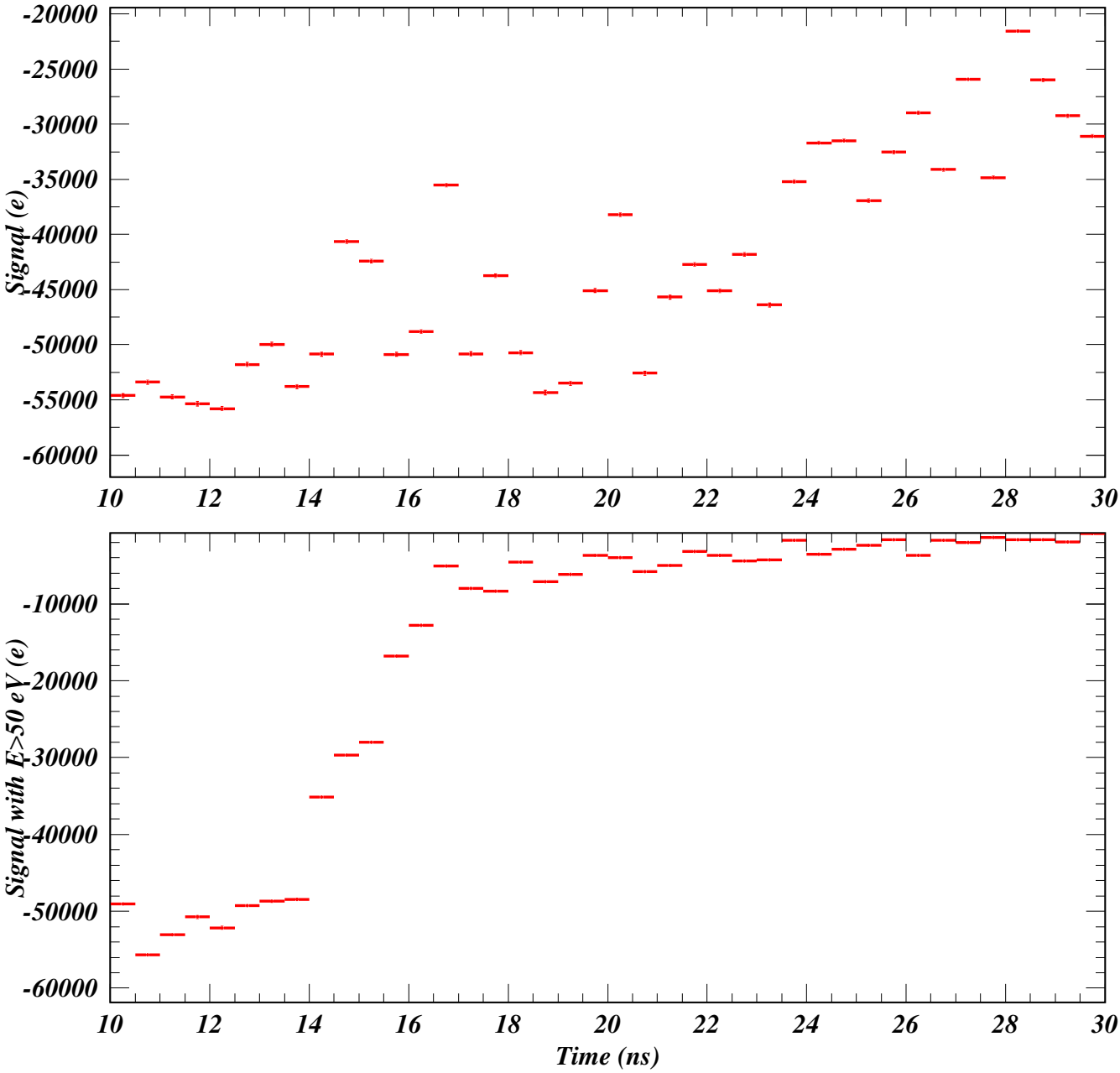
10/11/24 10.49

Job 19307: Button Signal Macroparticles For 10 < T < 30 ns



10/11/24 10.49

Job 19307: Button Signal Macroparticles For 10 < T < 30 ns



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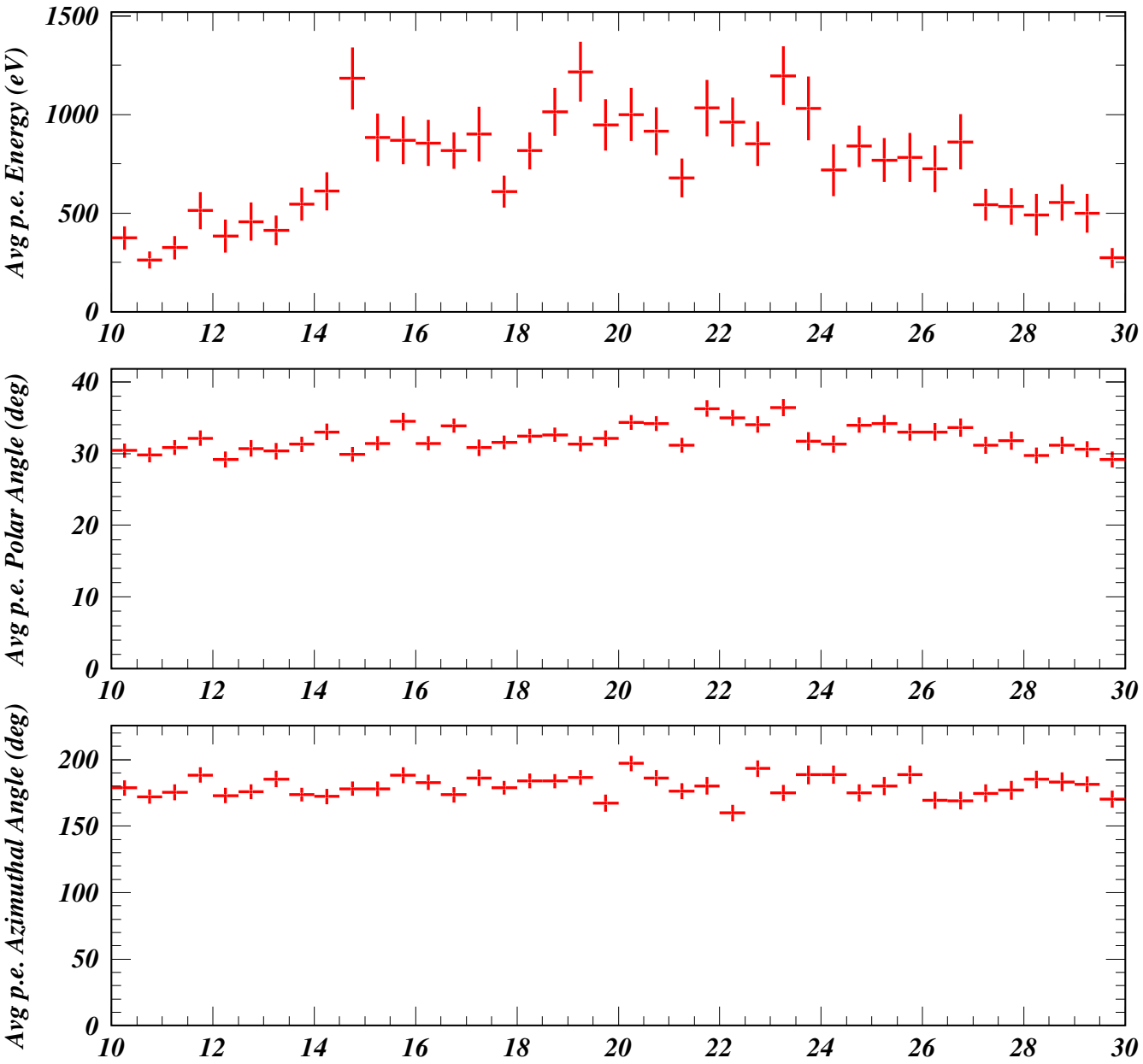
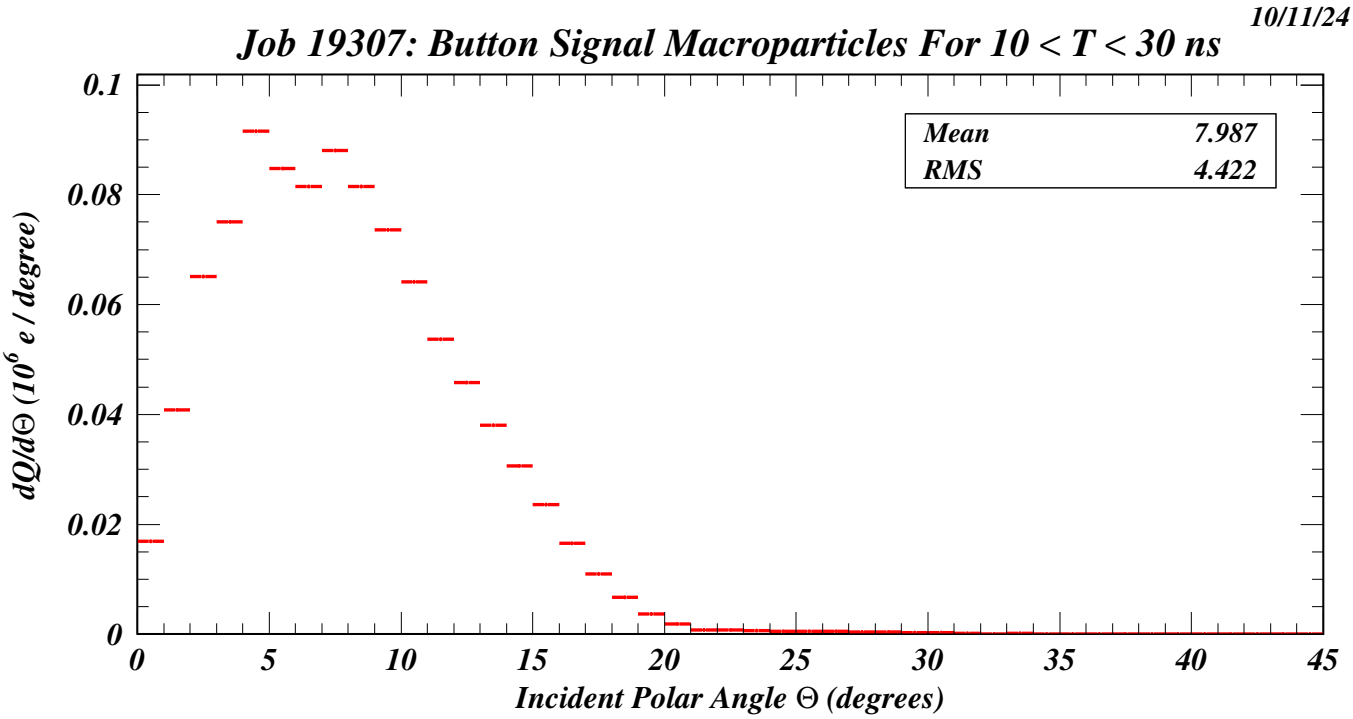
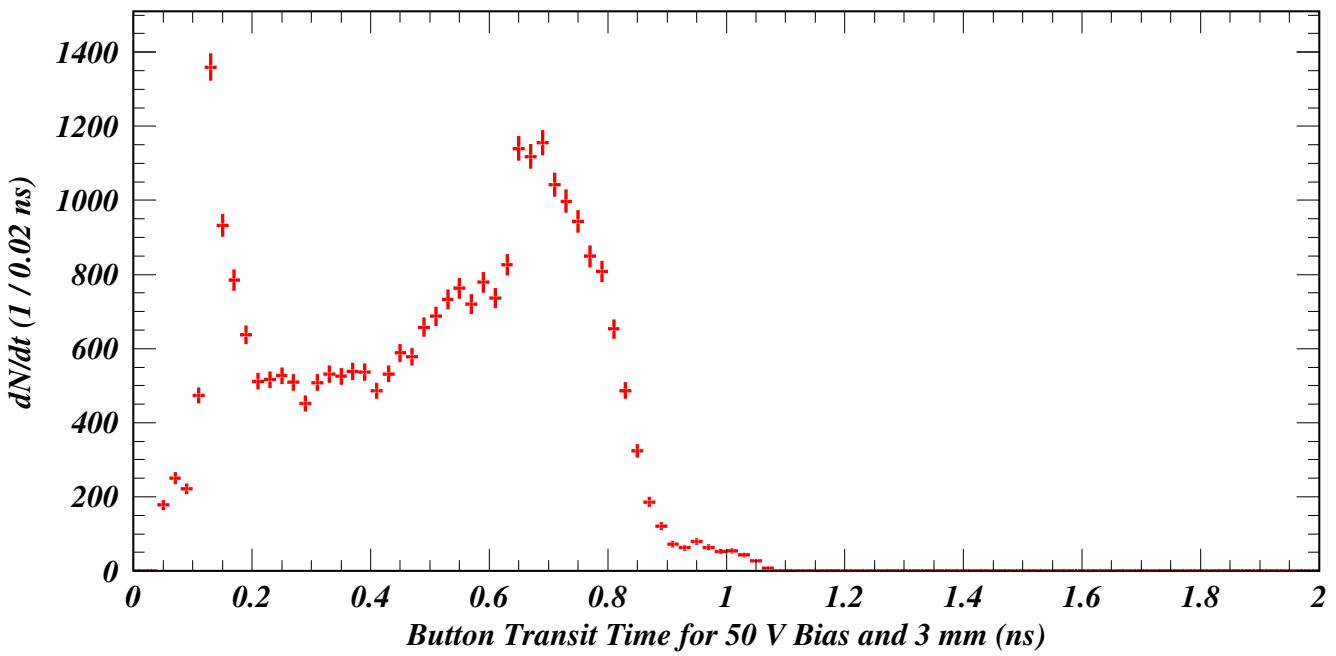
Job 19307: Button Signal Macroparticles For 10 < T < 30 ns



10/11/24 10.49


Job 19307: Button Signal Macroparticles For 10 < T < 30 ns
Mean 7.987
RMS 4.422
dQ/dΘ (10^6 e / degree)
Incident Polar Angle Θ (degrees)


dN/dt (1 / 0.02 ns)
Button Transit Time for 50 V Bias and 3 mm (ns)

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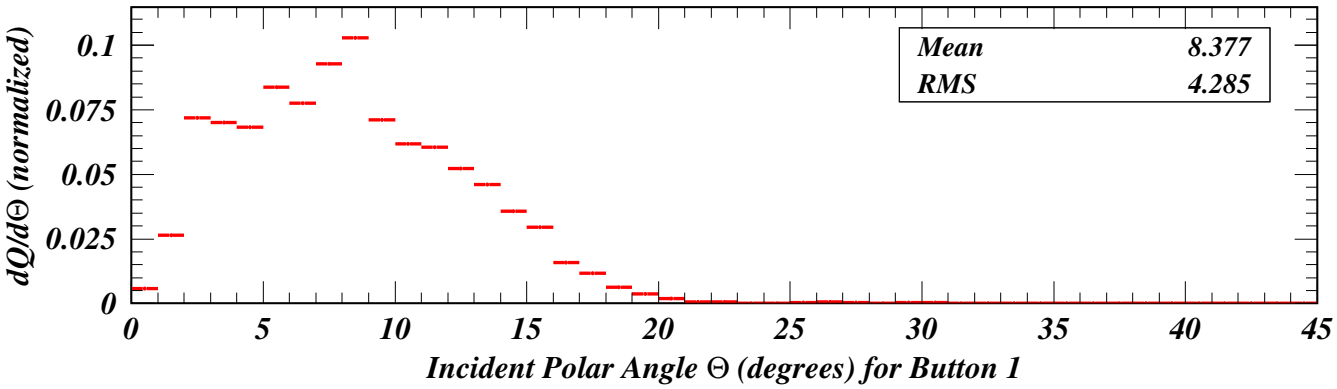
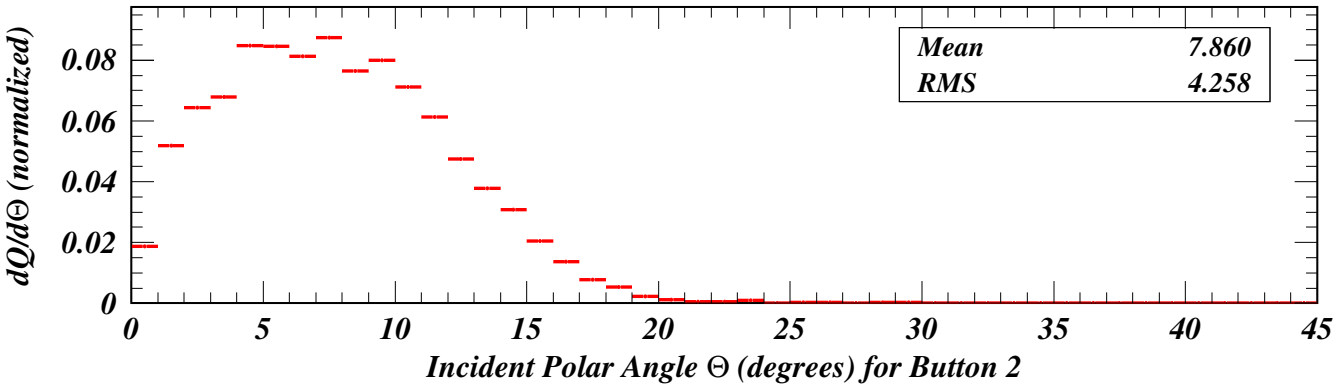
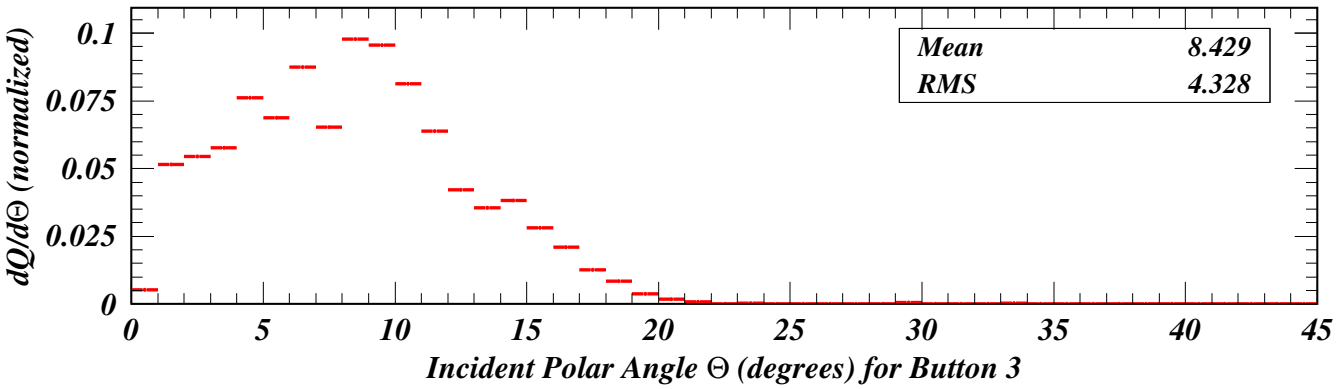
Job 19307: Button Signal Macroparticles For 10 < T < 30 ns

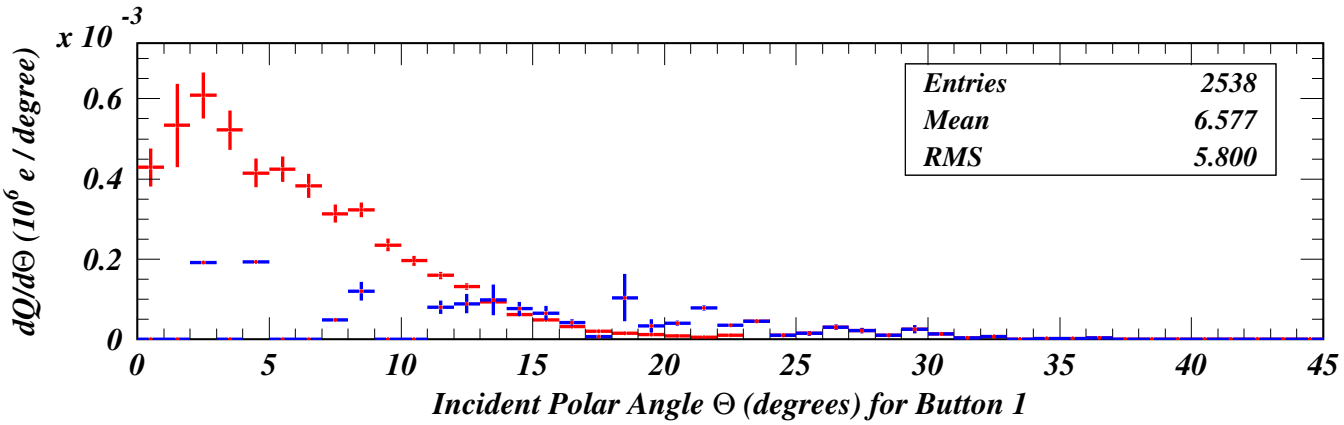


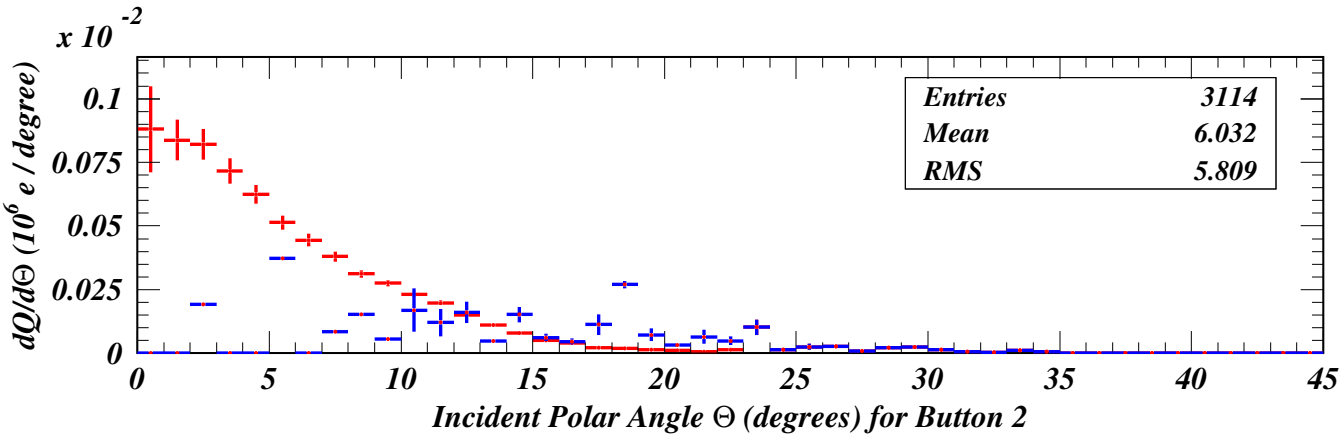


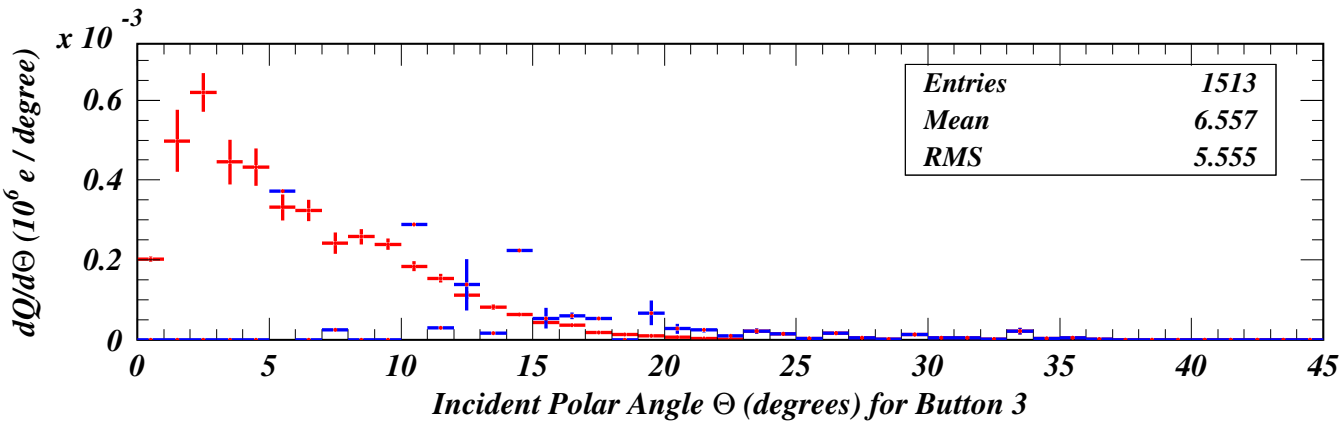


10/11/24 10.49

Job 19307: Button Signal Macroparticles For 10 < T < 30 ns

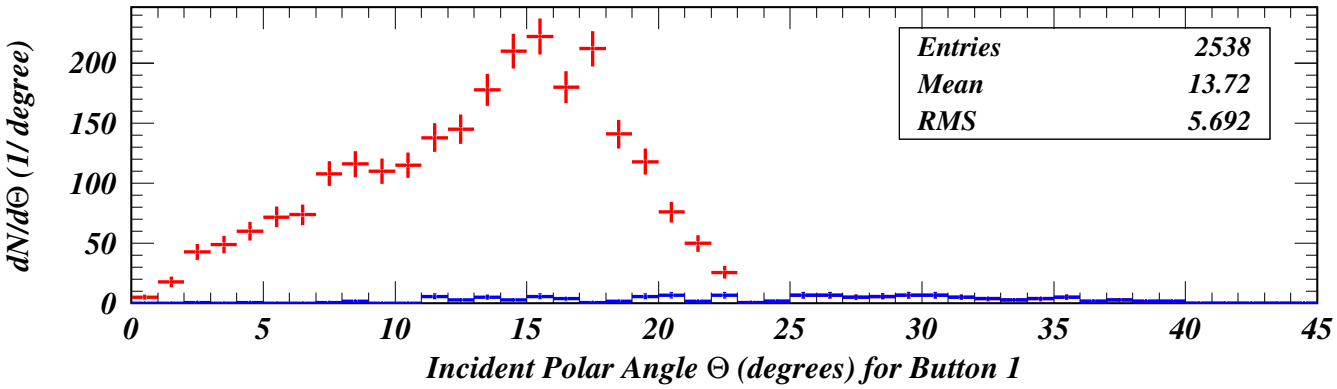


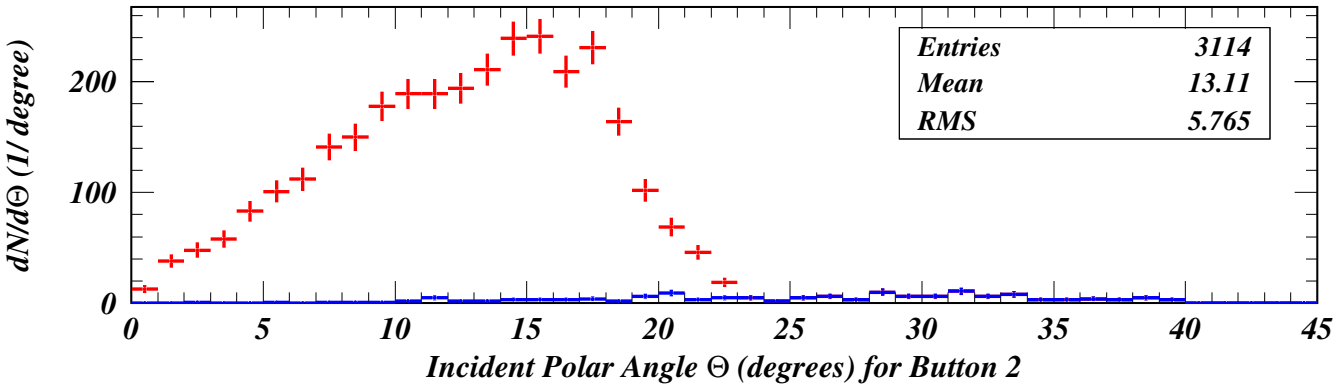


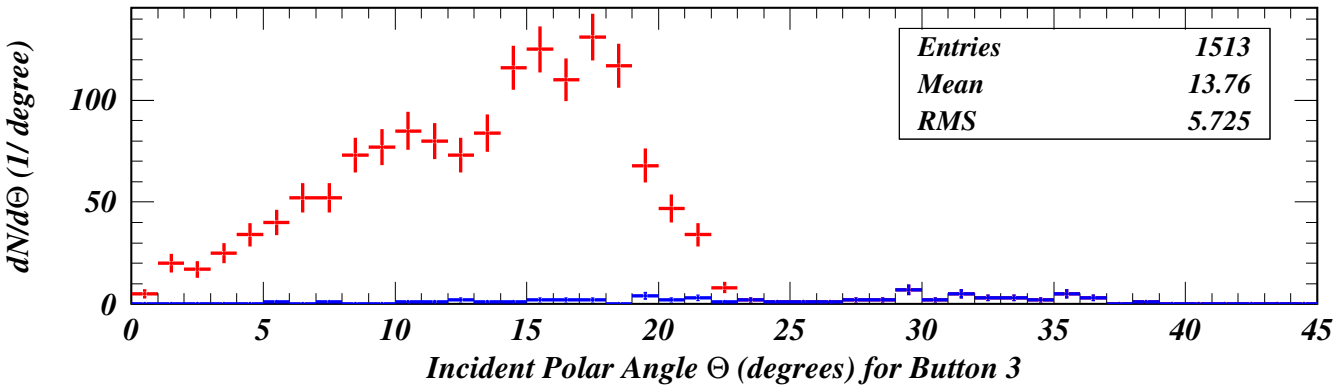


10/11/24 10.49

Job 19307: Button Signal Macroparticles For 10 < T < 30 ns







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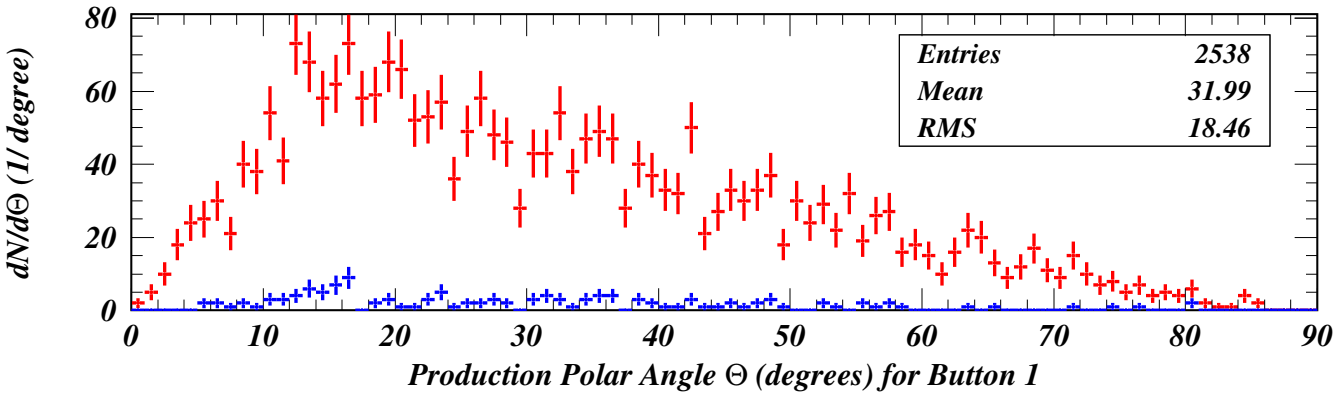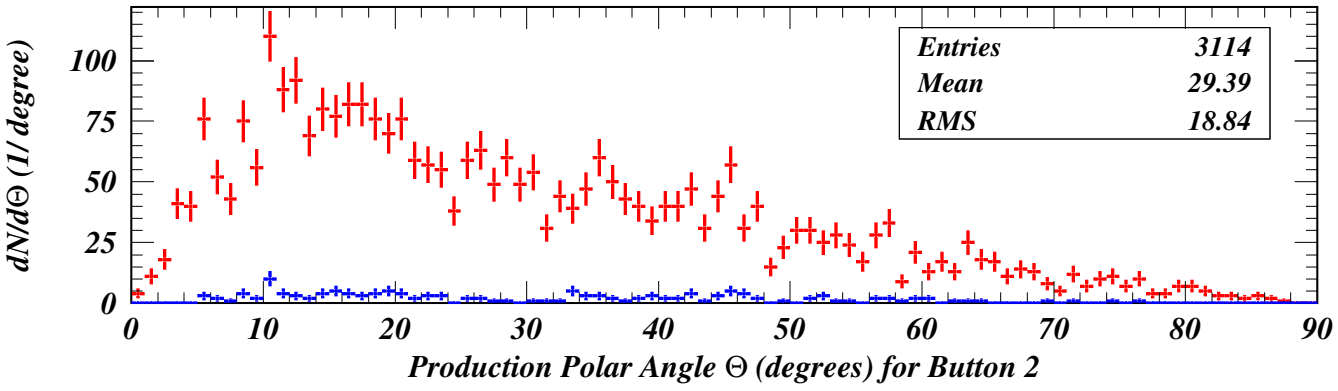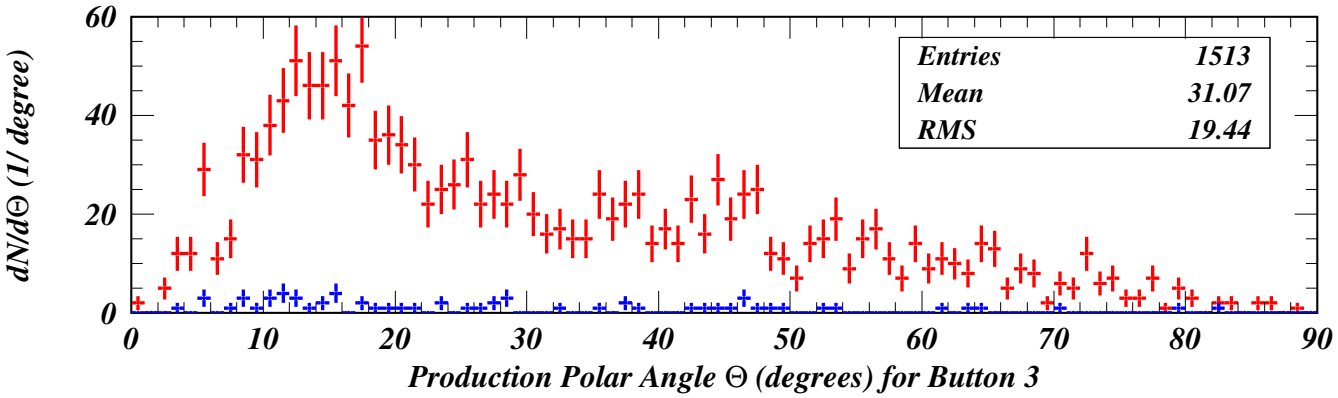
Job 19307: Button Signal Macroparticles For 10 < T < 30 ns