A graph of different angles

Description automatically generated with medium confidence

Angular distribution from data. Now we apply this theta and phi angles to generate muons in the simulation

A graph of different angles

Description automatically generated with medium confidence

Simulation is very similar

A graph with a line

Description automatically generated

Efficiency Unchanged

A graph of a number of blue squares

Description automatically generated with medium confidence

A screen shot of a grid

Description automatically generated

A blue and green grid

Description automatically generated

A green and blue grid

Description automatically generated

A grid of blue and green squares

Description automatically generated

A green and blue grid

Description automatically generated

A graph of a number of blue squares

Description automatically generated with medium confidence

A green and blue grid

Description automatically generated

A blue and green grid

Description automatically generated

A green and blue grid

Description automatically generated

A green and blue grid

Description automatically generated

A yellow and blue grid with black lines

Description automatically generated

A graph of a line graph

Description automatically generated with medium confidence

A graph with colorful squares

Description automatically generated

A graph of a tall tower

Description automatically generated

Uncompensated

A graph of a number of blue lines

Description automatically generated

A graph with a red line

Description automatically generated

Gaussian fit parameters: amplitude = 926.1701388055033, mean = 6.748251960529592, std deviation = 12.148077988455565

A graph of a number of blue lines

Description automatically generated

A graph of a number of gaussian

Description automatically generated

Gaussian fit parameters: amplitude = 930.0184593177723, mean = 9.764269541448147, std deviation = 11.977753201266392