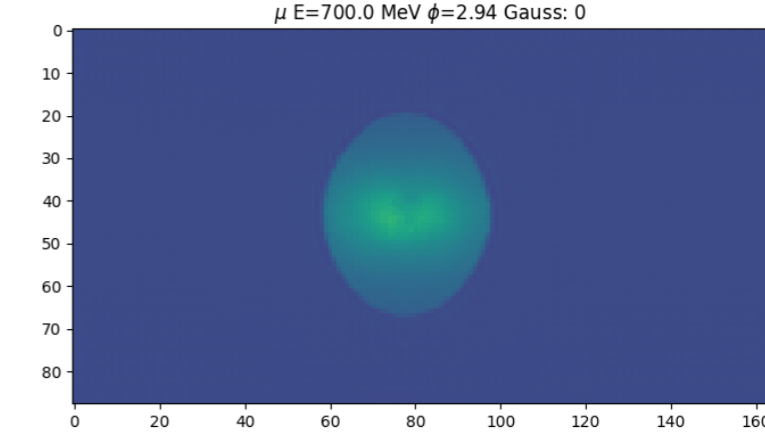
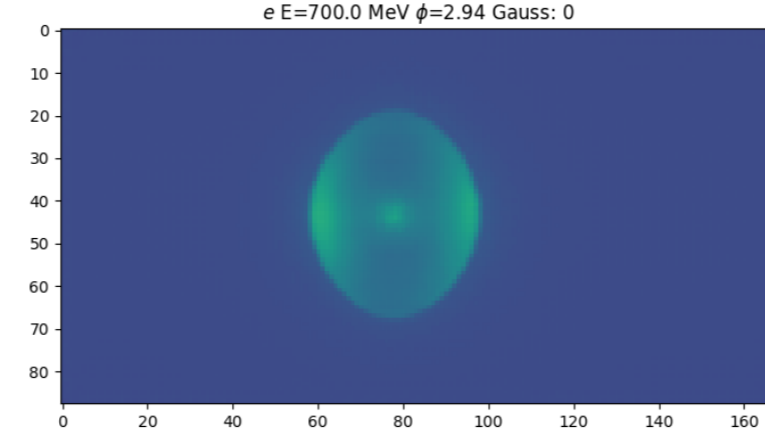
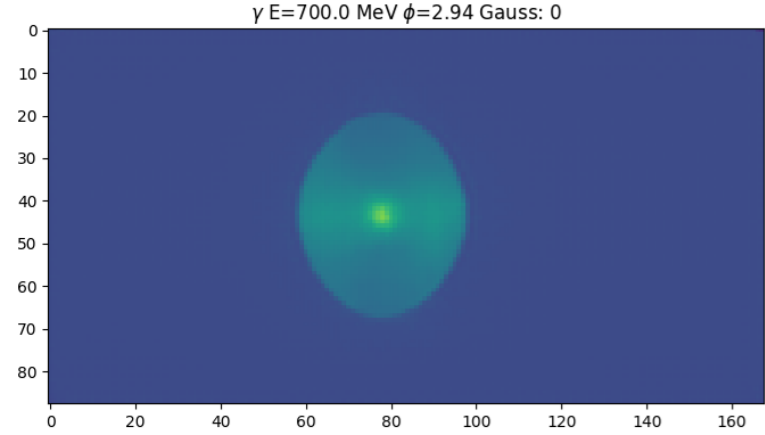
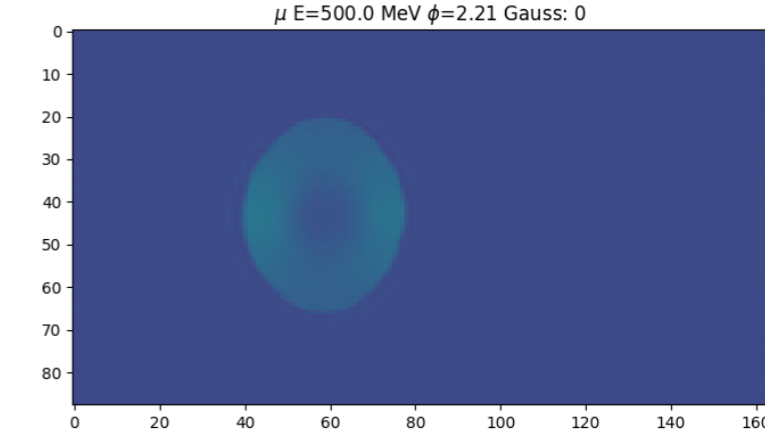
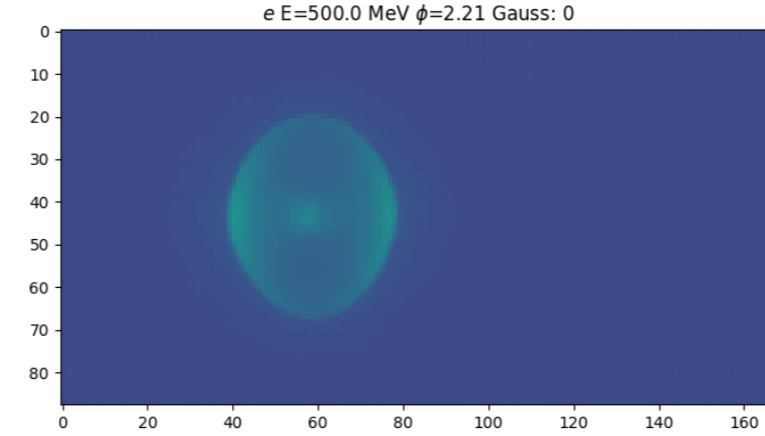
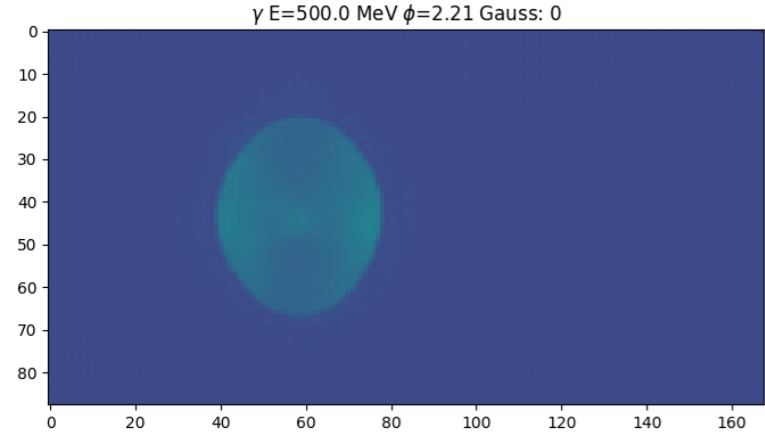
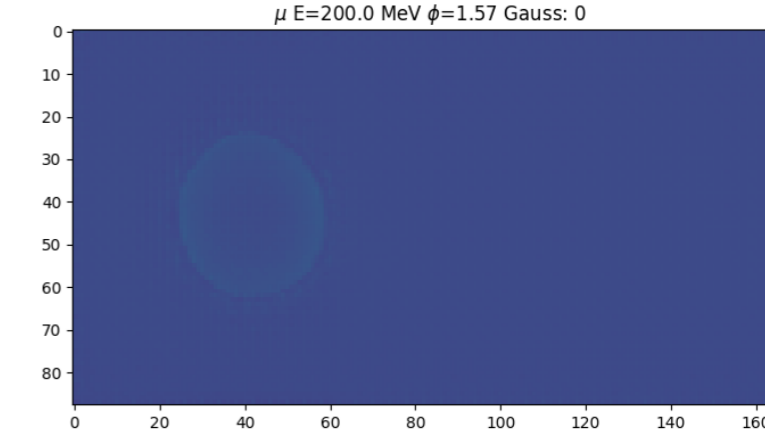
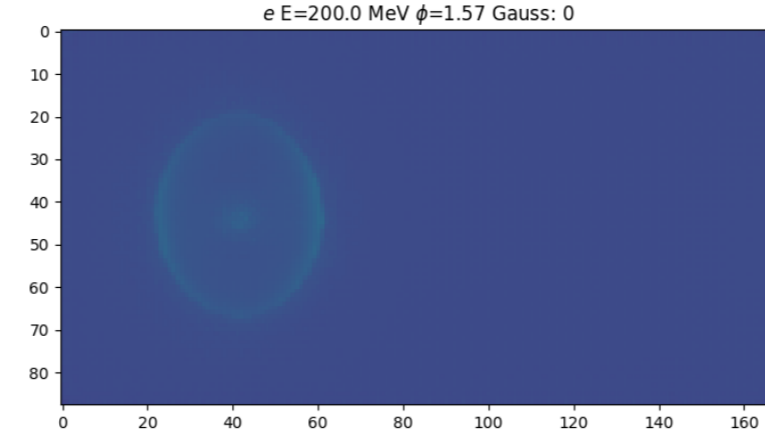
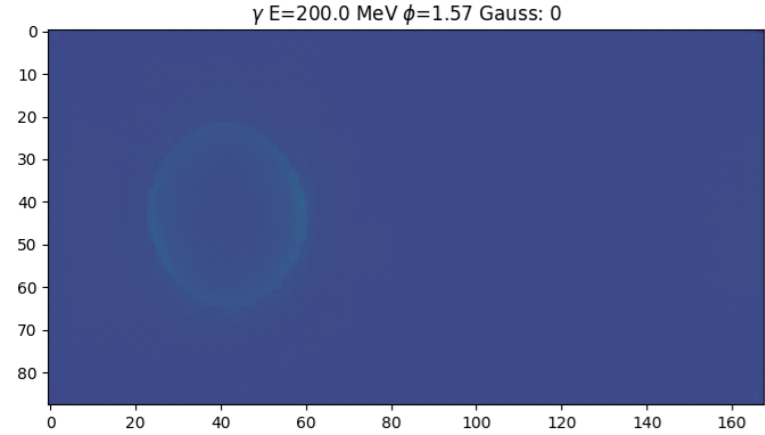
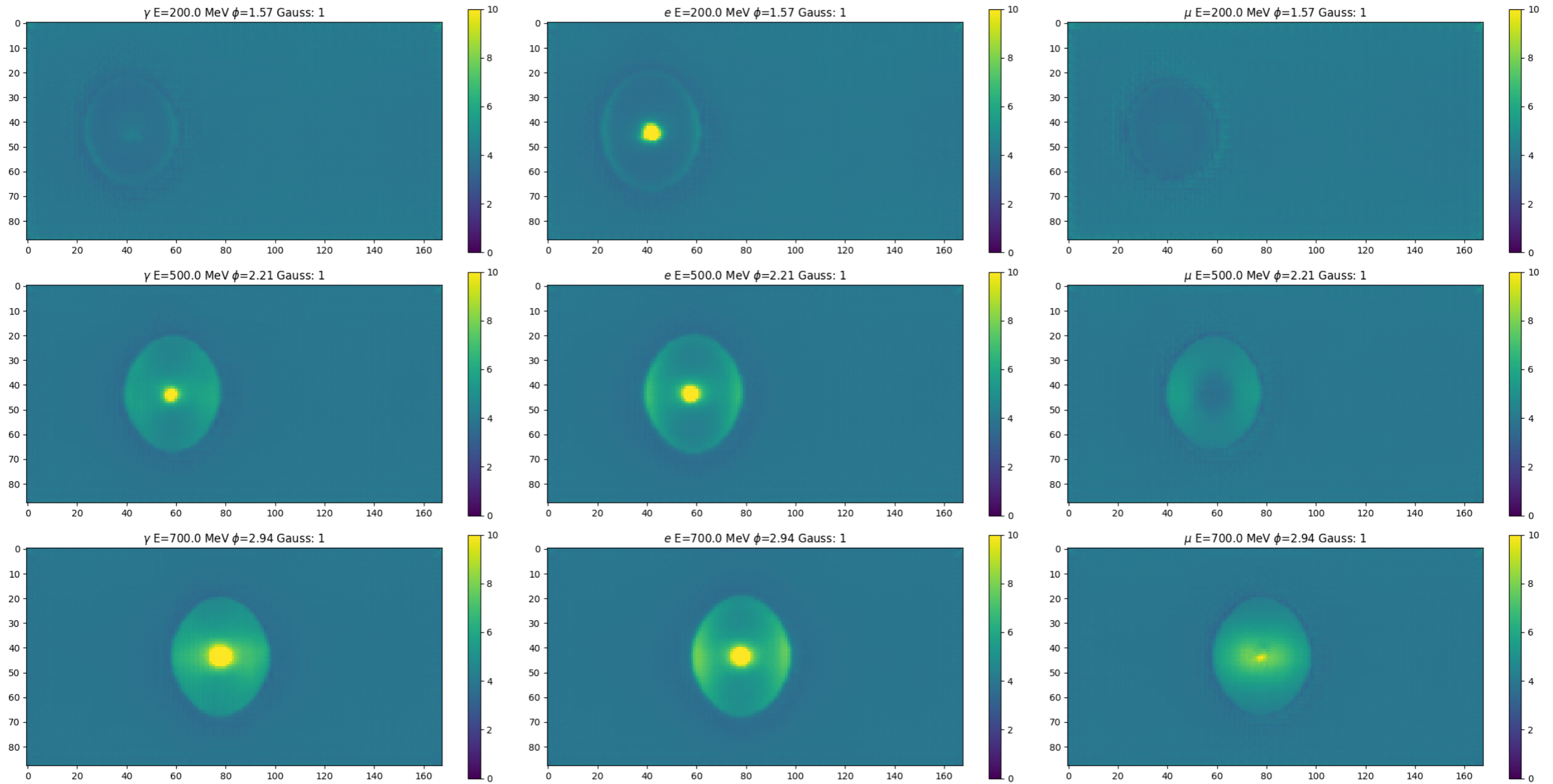


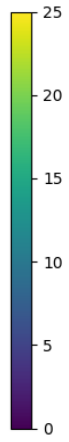
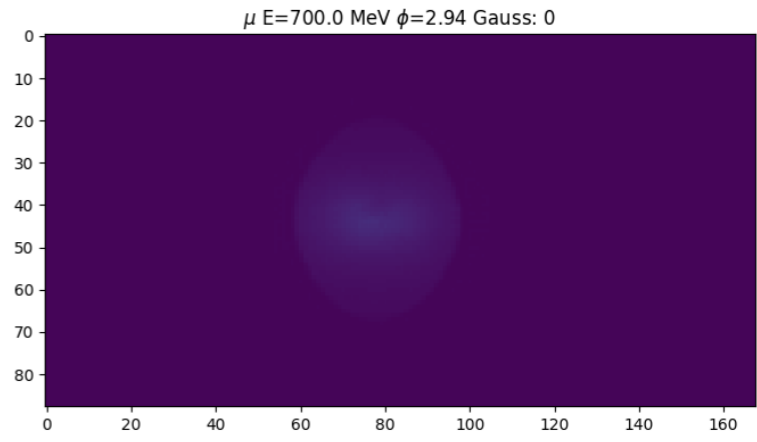
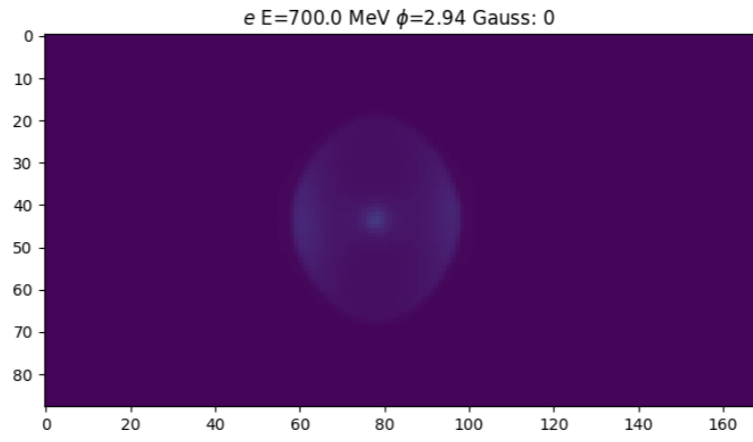
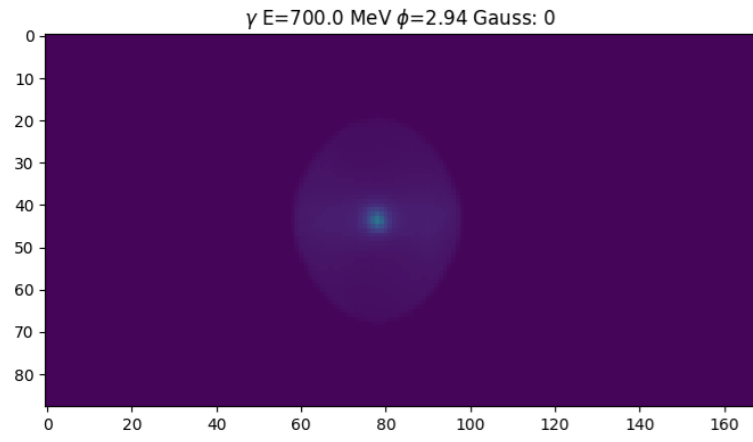
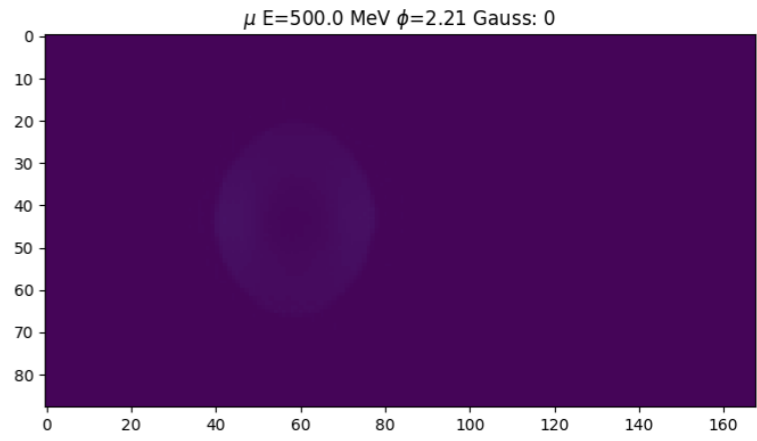
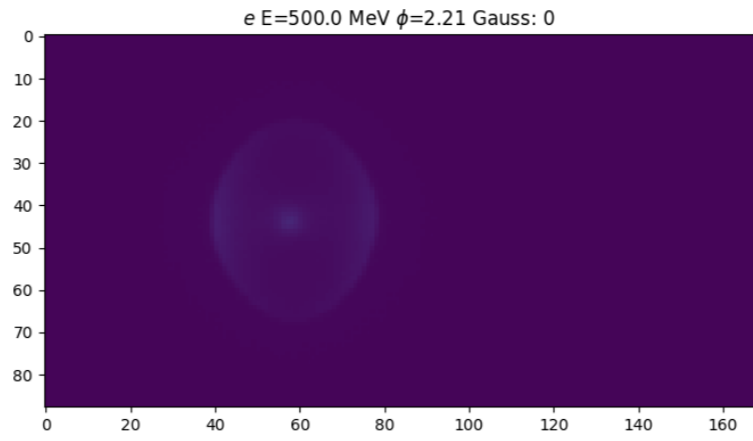
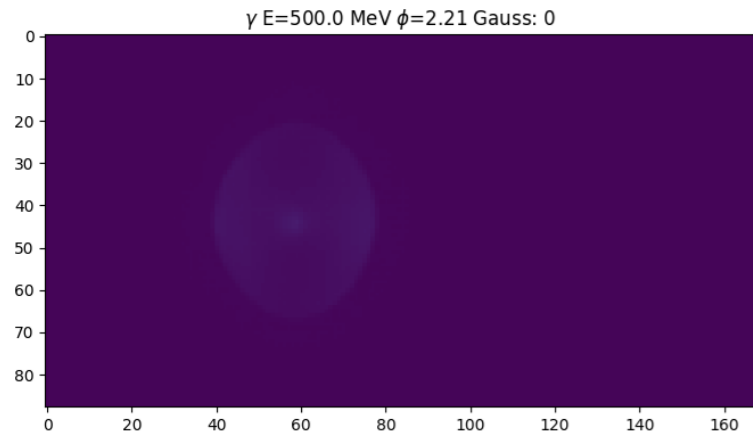
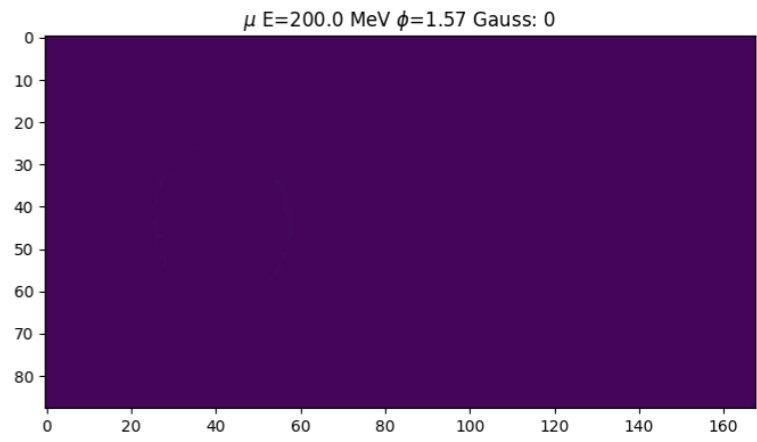
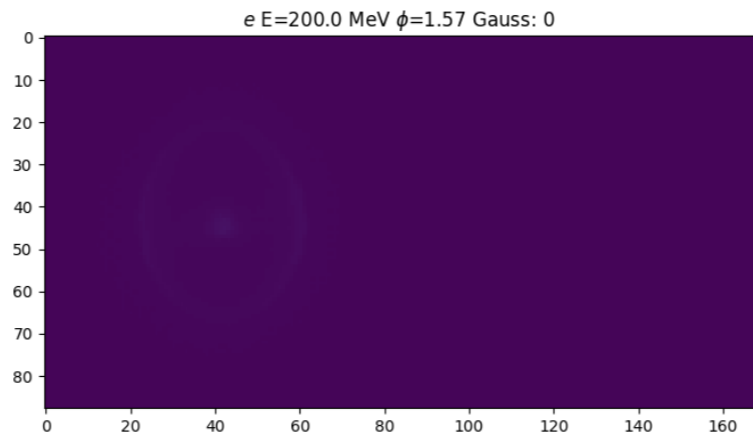
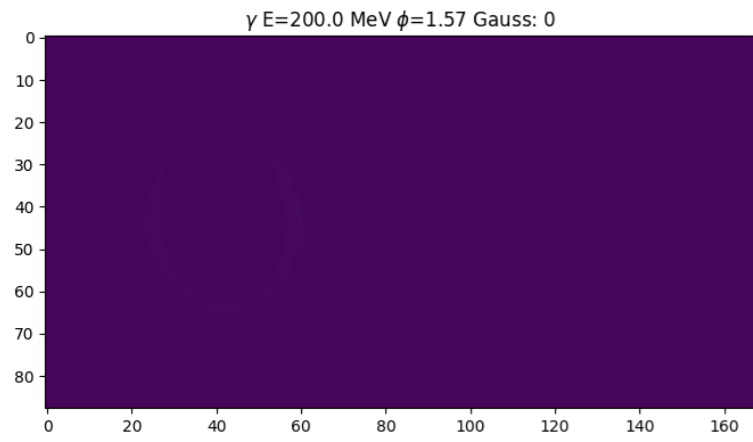
Gaussian Mean, 1st of the 2



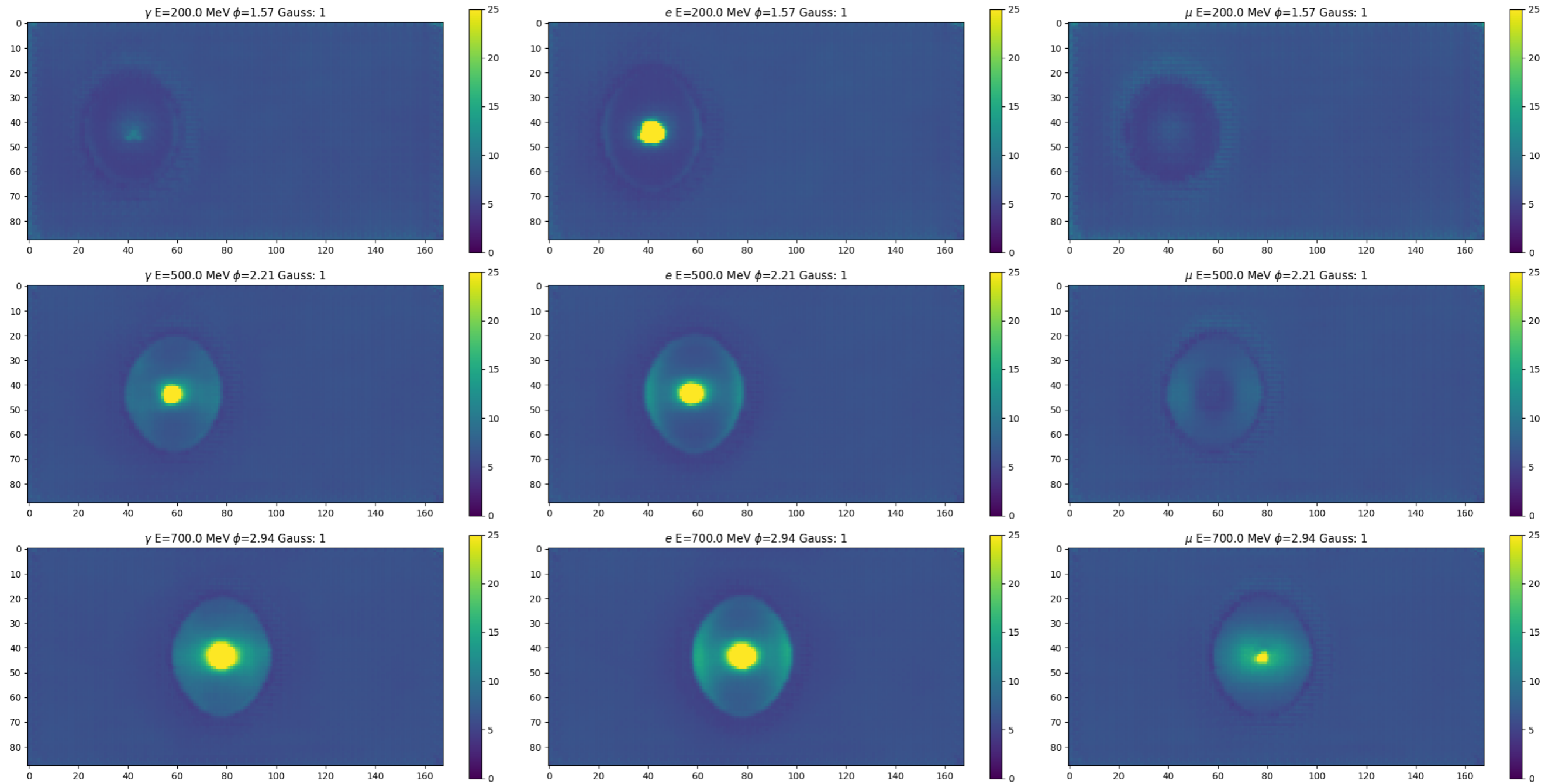
Gaussian Mean, 2nd of the 2



Gaussian Var, 1st of the 2

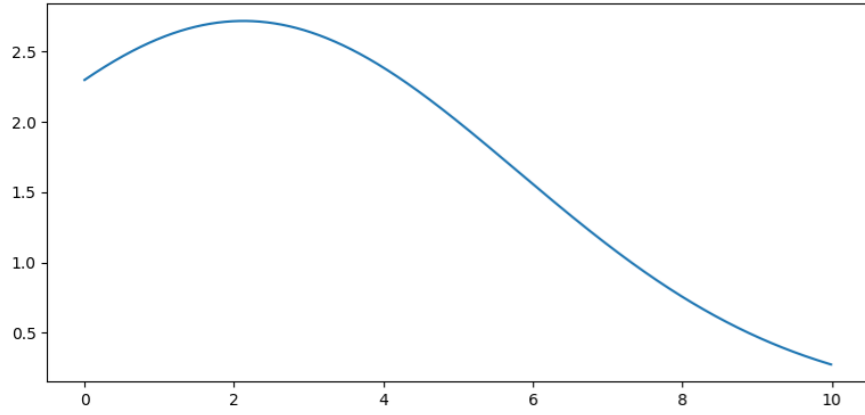


Gaussian Var, 2nd of the 2

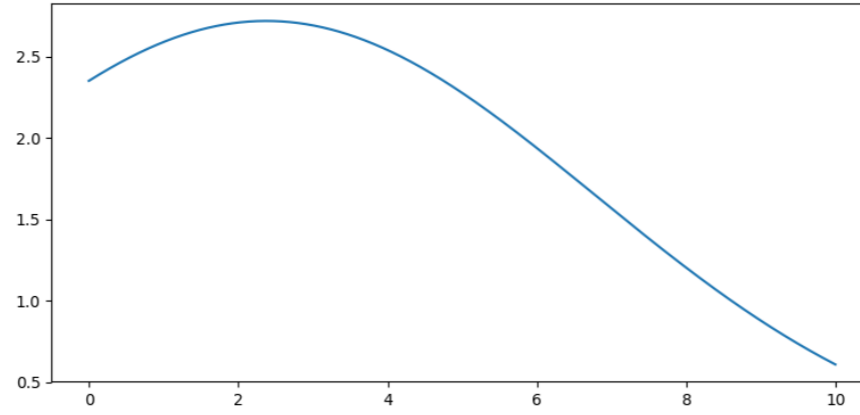


Charge distribution of the brightest PMT (highest Hit Prob), 1 Gaussian case, Iteration = 7362, Loss = 0.4722

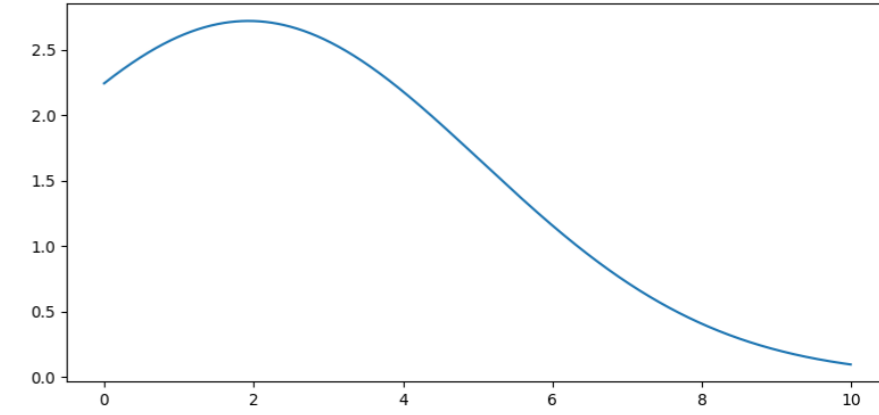
γ E=200 MeV $\phi=1.57$



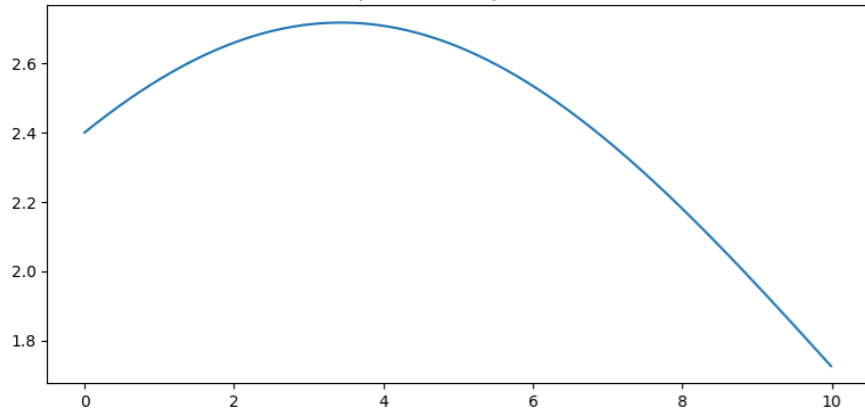
e E=200 MeV $\phi=1.57$



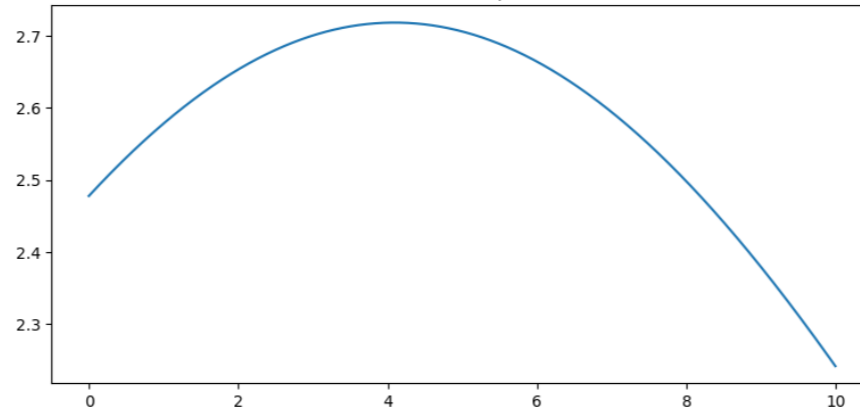
μ E=200 MeV $\phi=1.57$



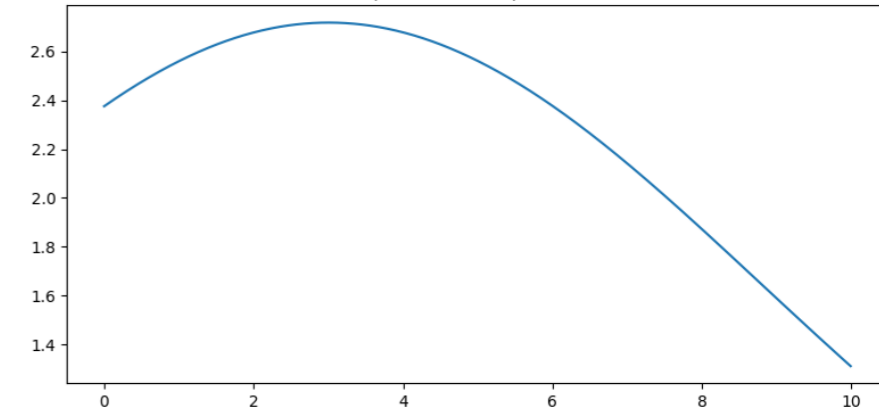
γ E=500 MeV $\phi=2.21$



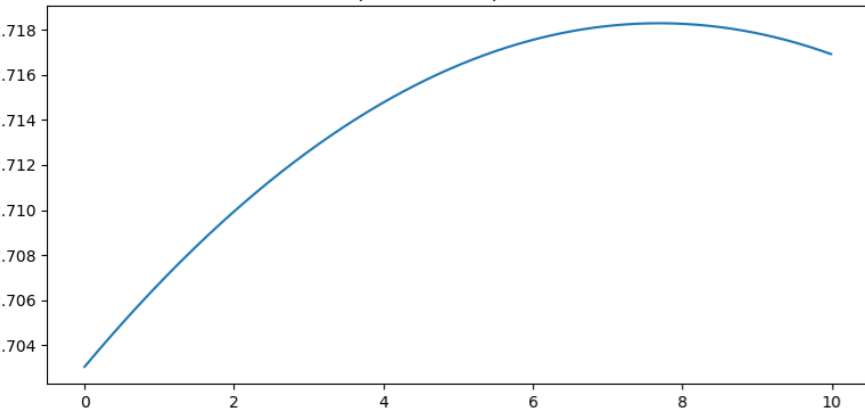
e E=500 MeV $\phi=2.21$



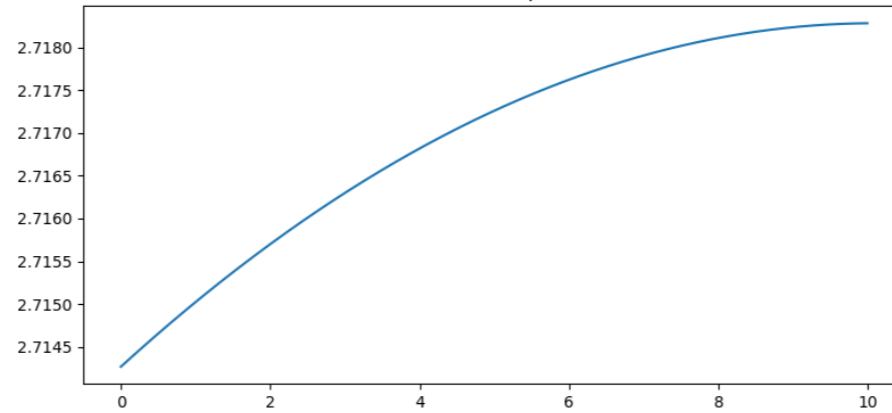
μ E=500 MeV $\phi=2.21$



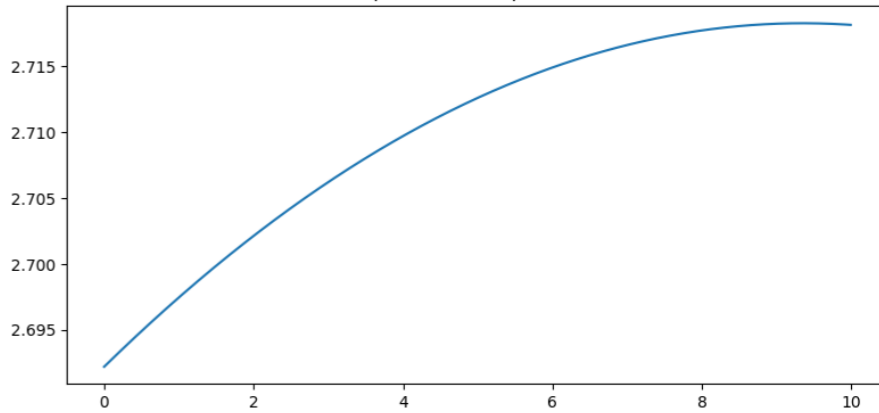
γ E=700 MeV $\phi=2.94$



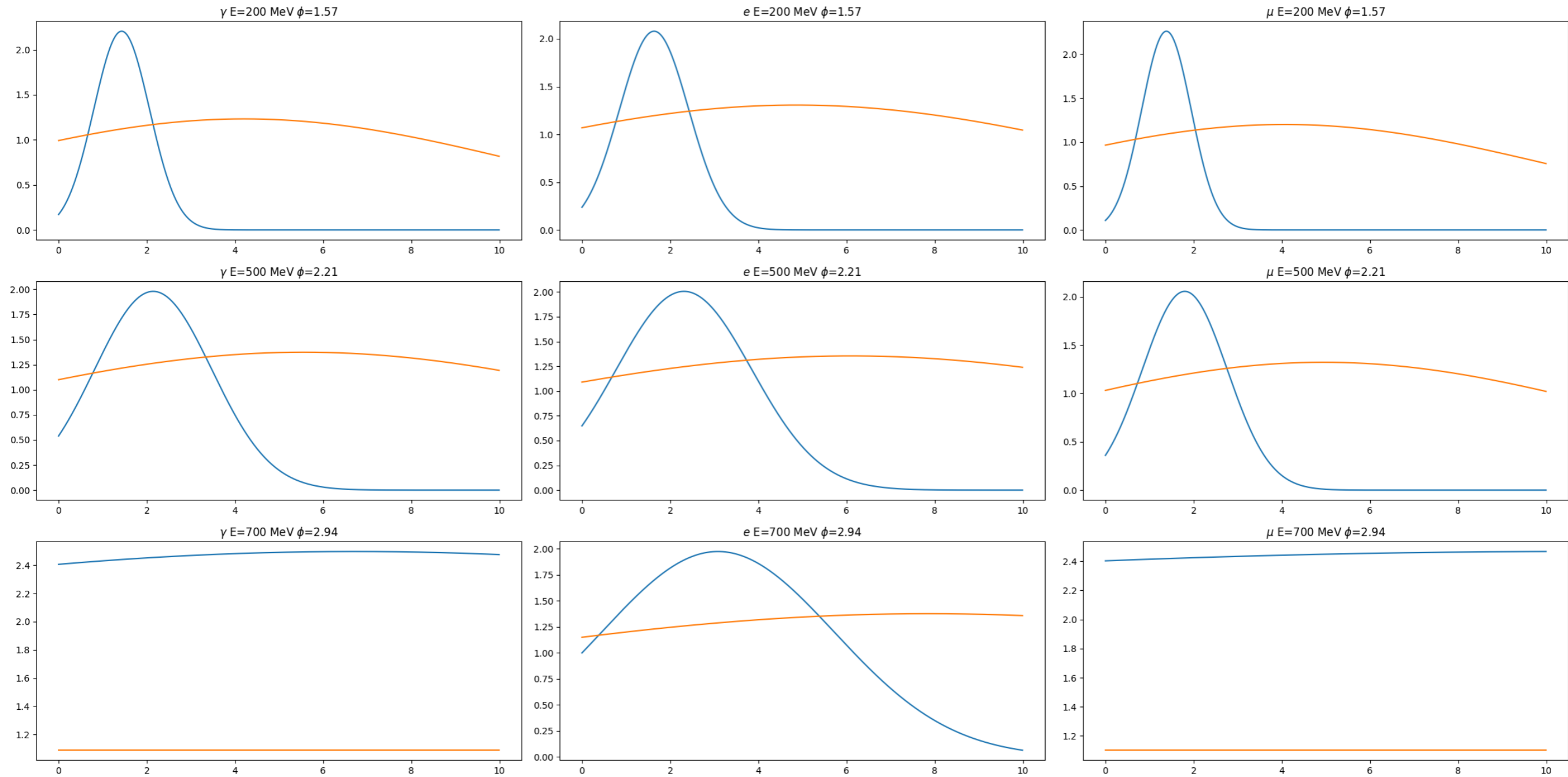
e E=700 MeV $\phi=2.94$



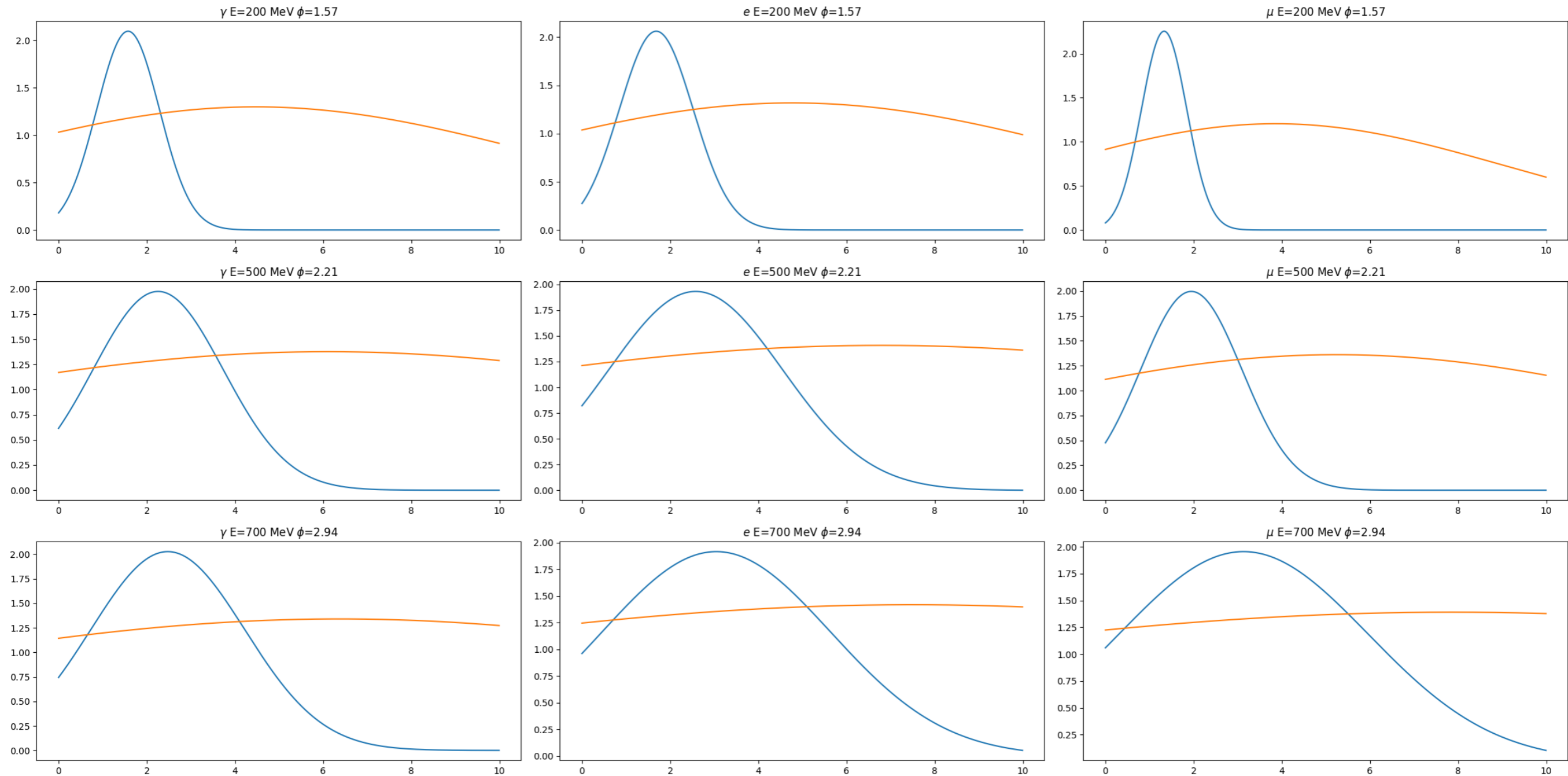
μ E=700 MeV $\phi=2.94$



Charge distribution of the brightest PMT (highest Hit Prob), 2 Gaussian case, Iteration = 7362, Loss = 0.4257



Charge distribution of the brightest PMT (highest Hit Prob), 2 Gaussian case, Iteration = 66266, Loss = 0.4136



Highest Hit Prob

1 Gaussian, 7362 iterations

2 Gaussians, 7362 iterations

2 Gaussians, 66266 iterations

45.32%

45.62%

54.91%

59.54%

60.23%

65.88%

28.81%

35.77%

38.34%

84.60%

82.90%

84.82%

88.94%

85.42%

88.81%

78.16%

75.28%

80.52%

95.16%

93.73%

88.96%

95.86%

92.18%

92.96%

98.12%

98.28%

93.15%