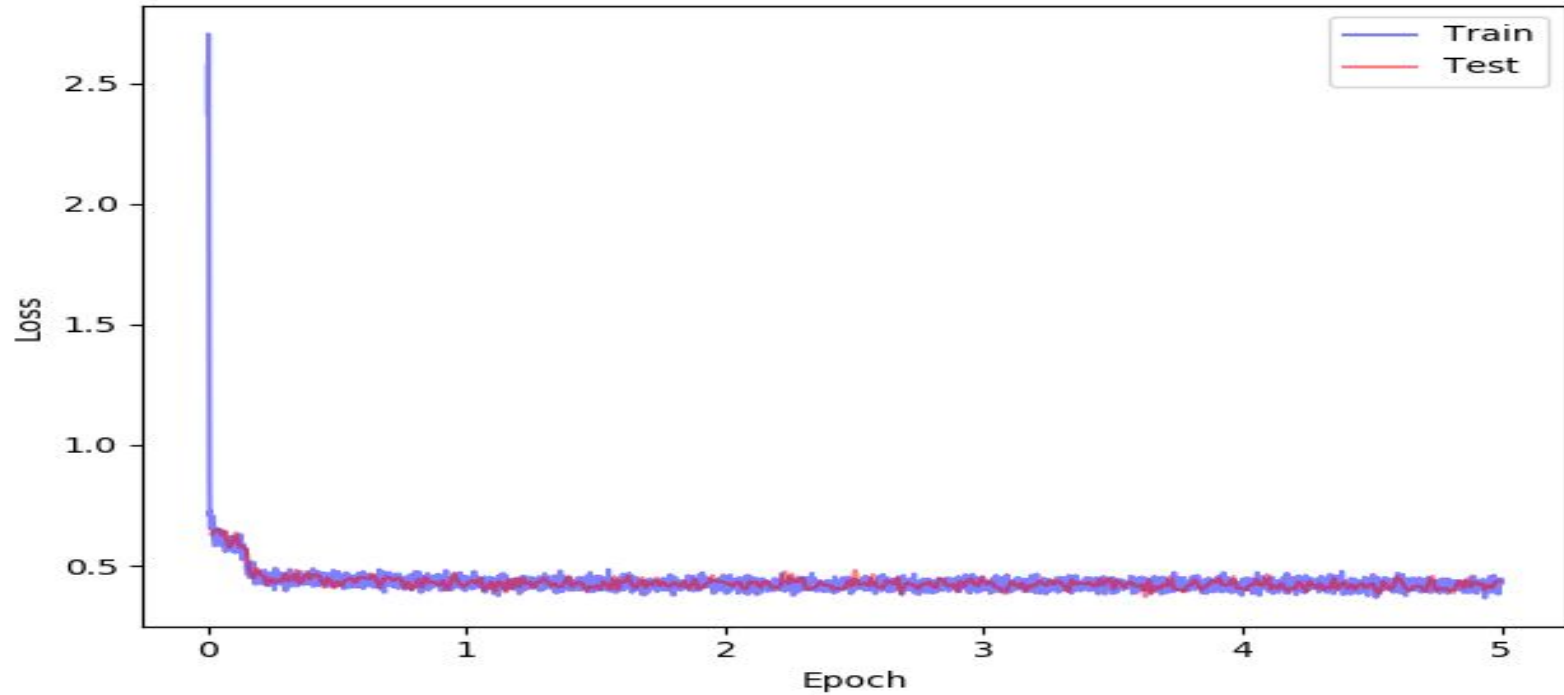
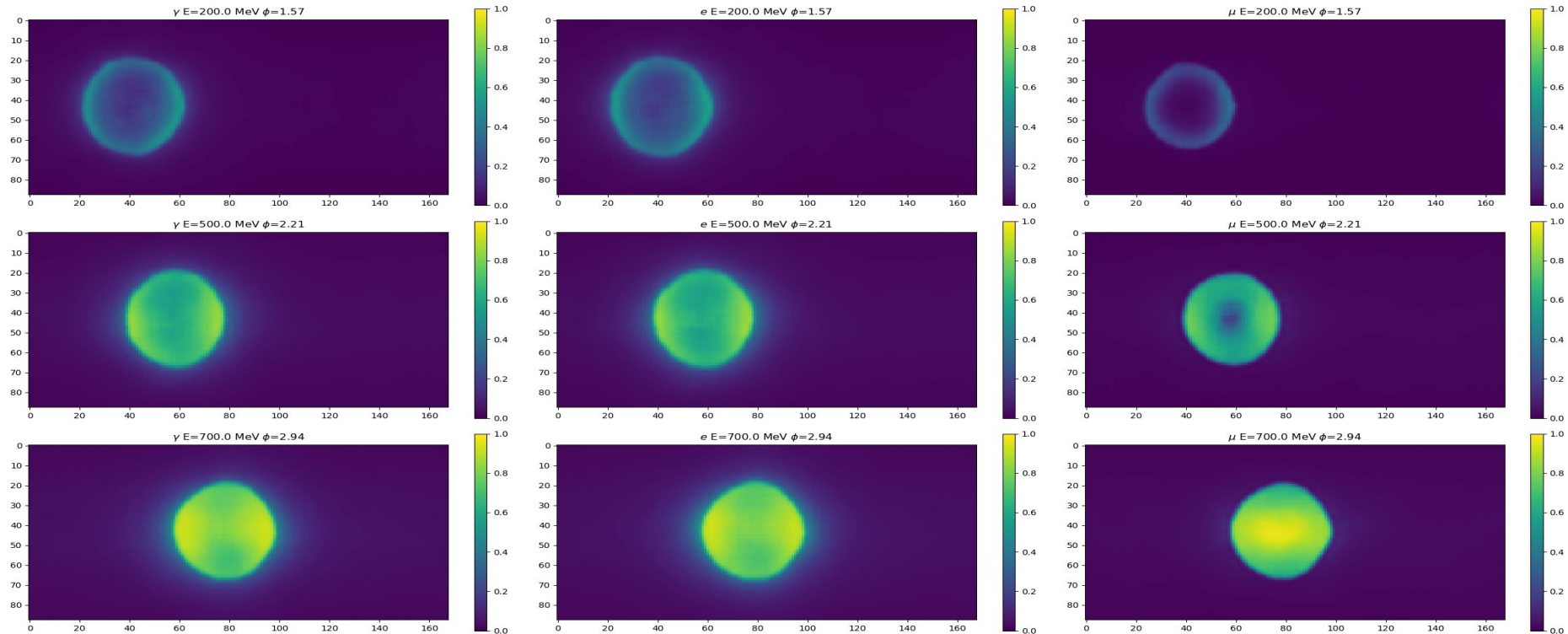


Activation Function

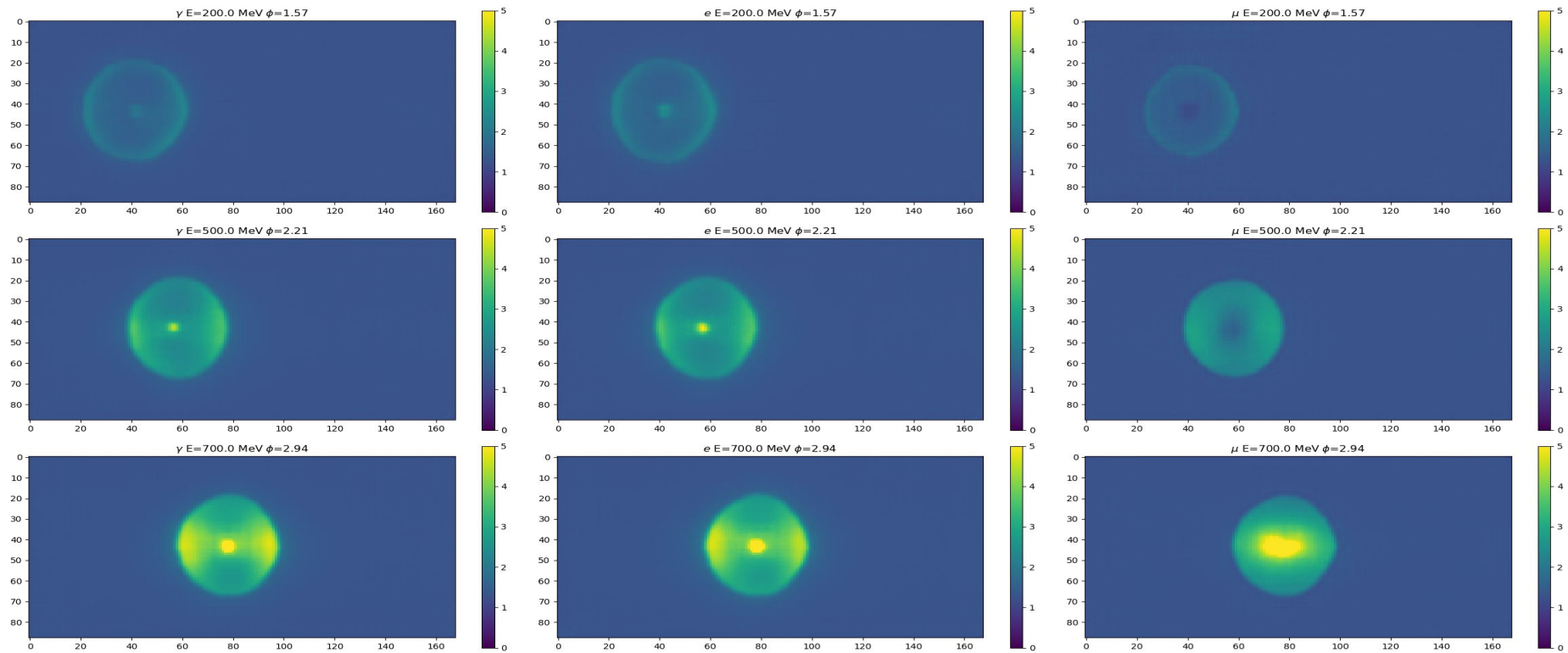
Node = 30 , LeakyRelu(0.01)



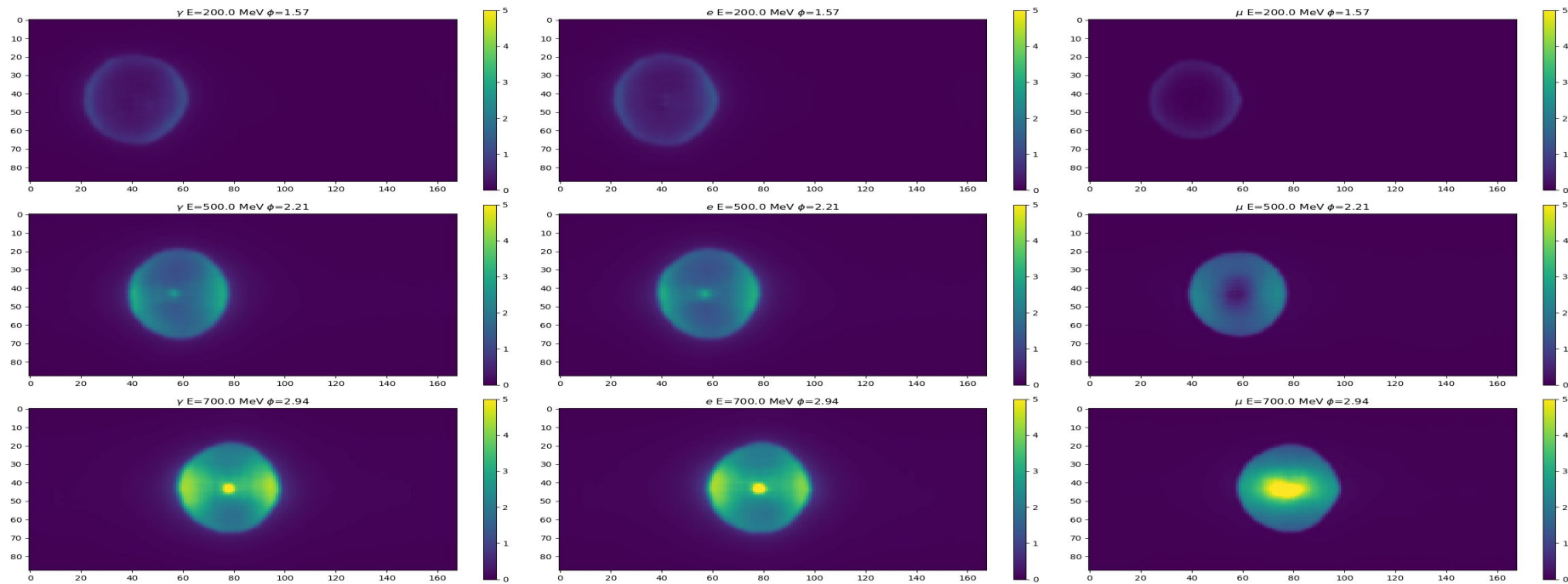
LeakyRelu(0.01), Predicted Hit Probability



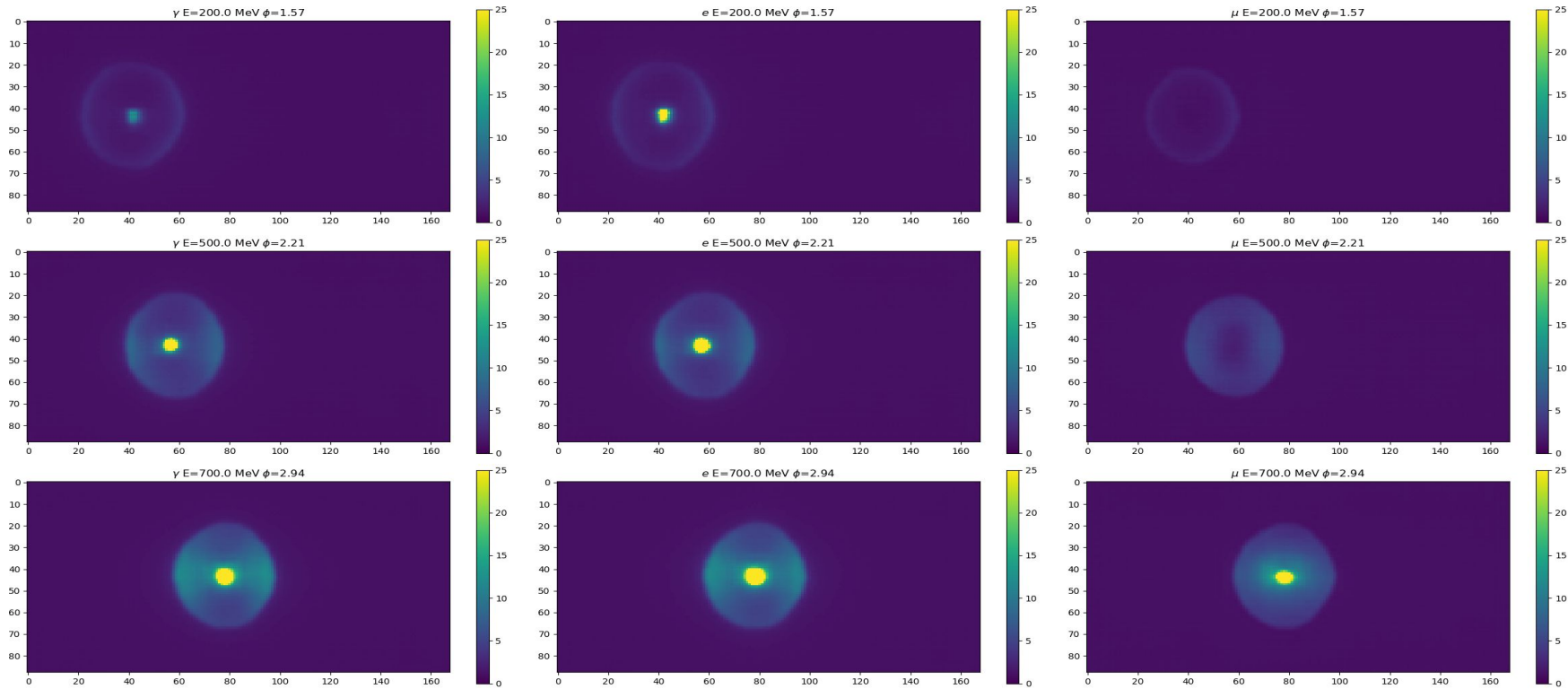
LeakyRelu(0.01), Predicted Charge



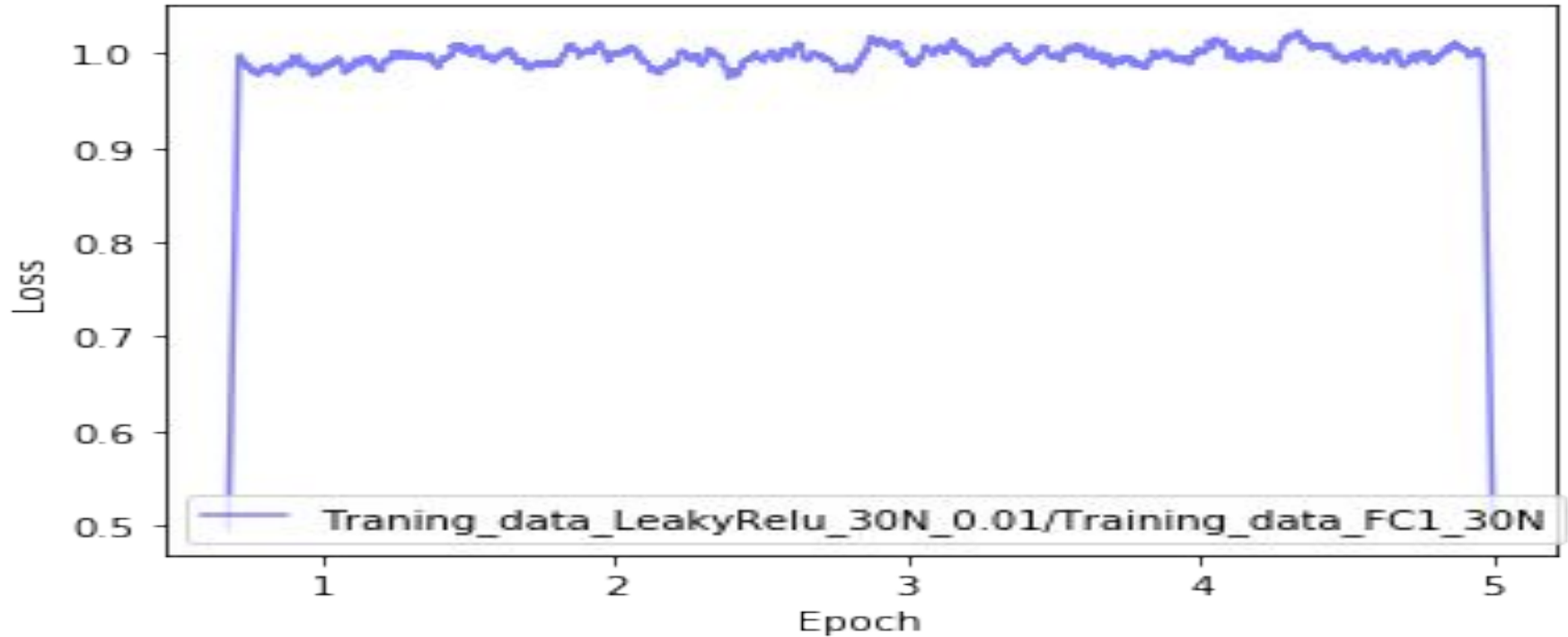
LeakyRelu(0.01), Expected mean charge (Predicted Charge X Predicted Hit Probability)



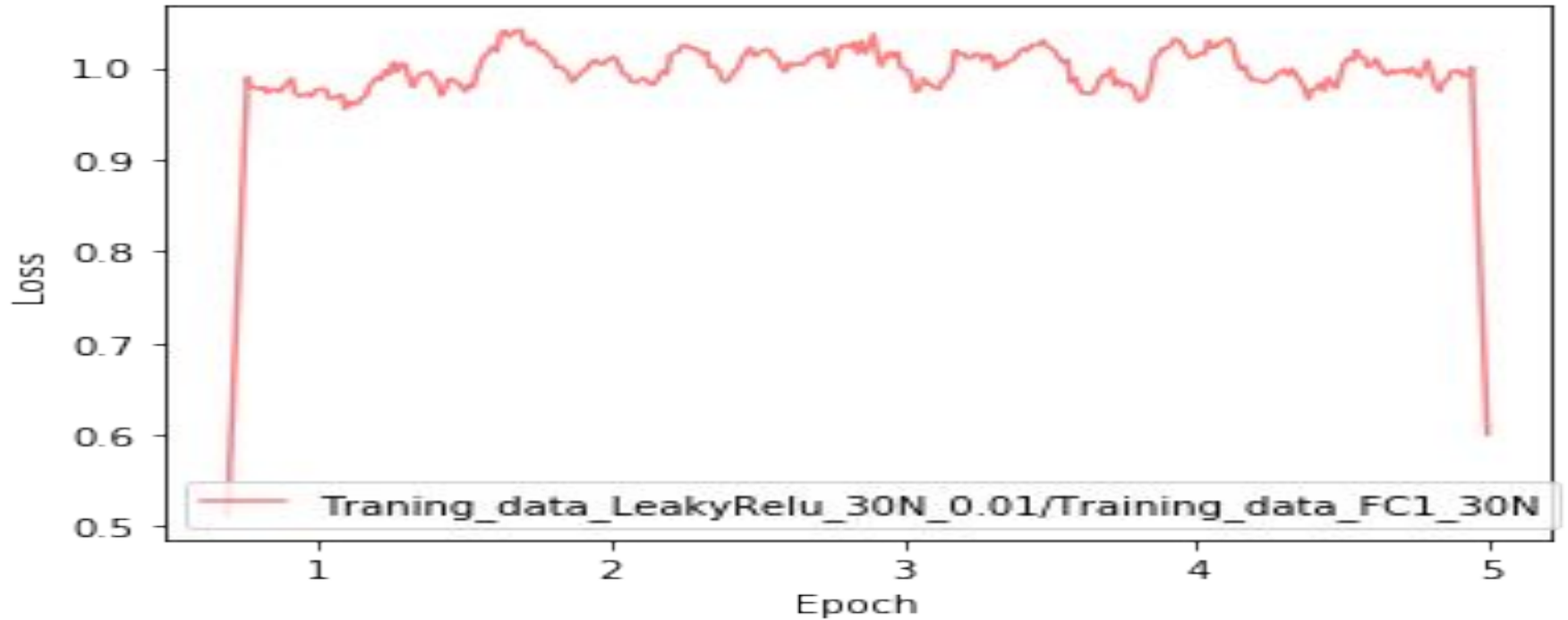
LeakyRelu(0.01), Predicted Variance of Charge



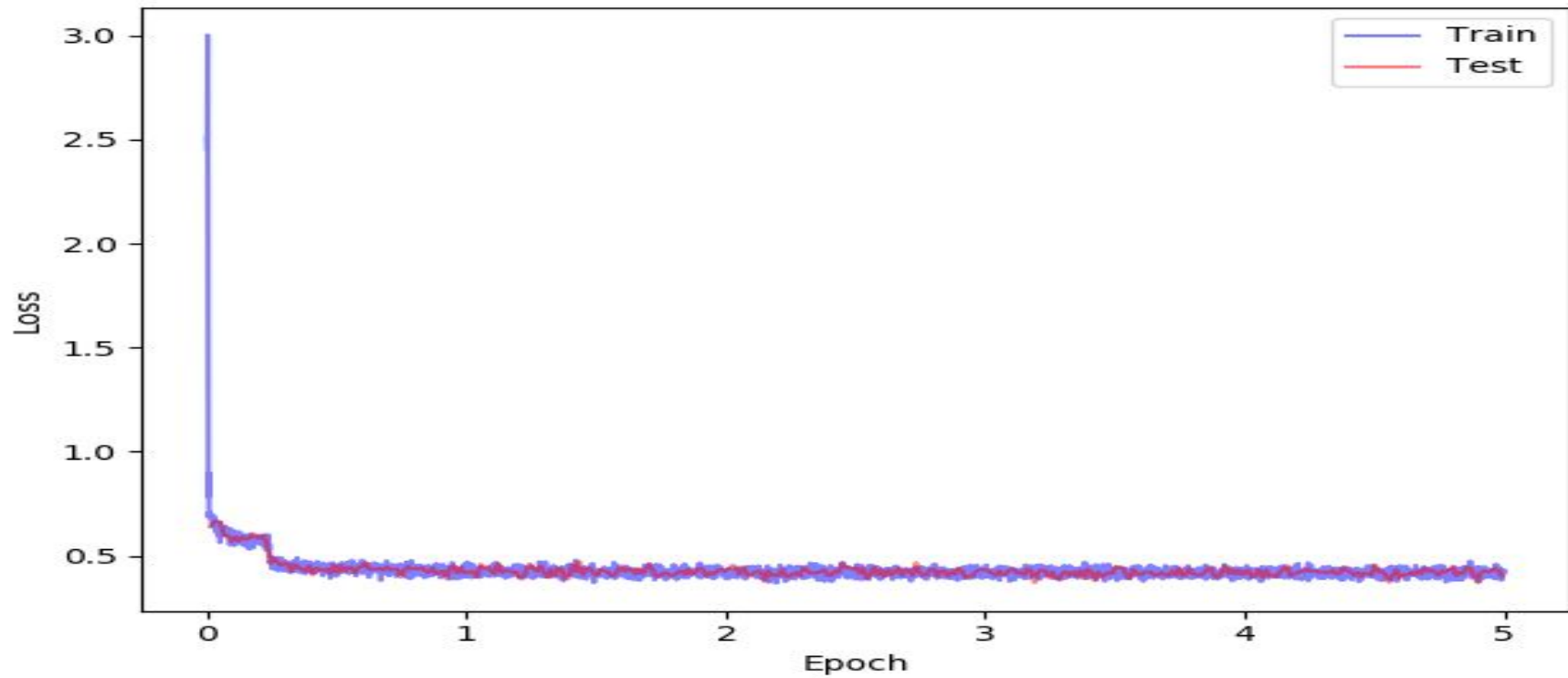
Comparison with FC1 30 Node, Train



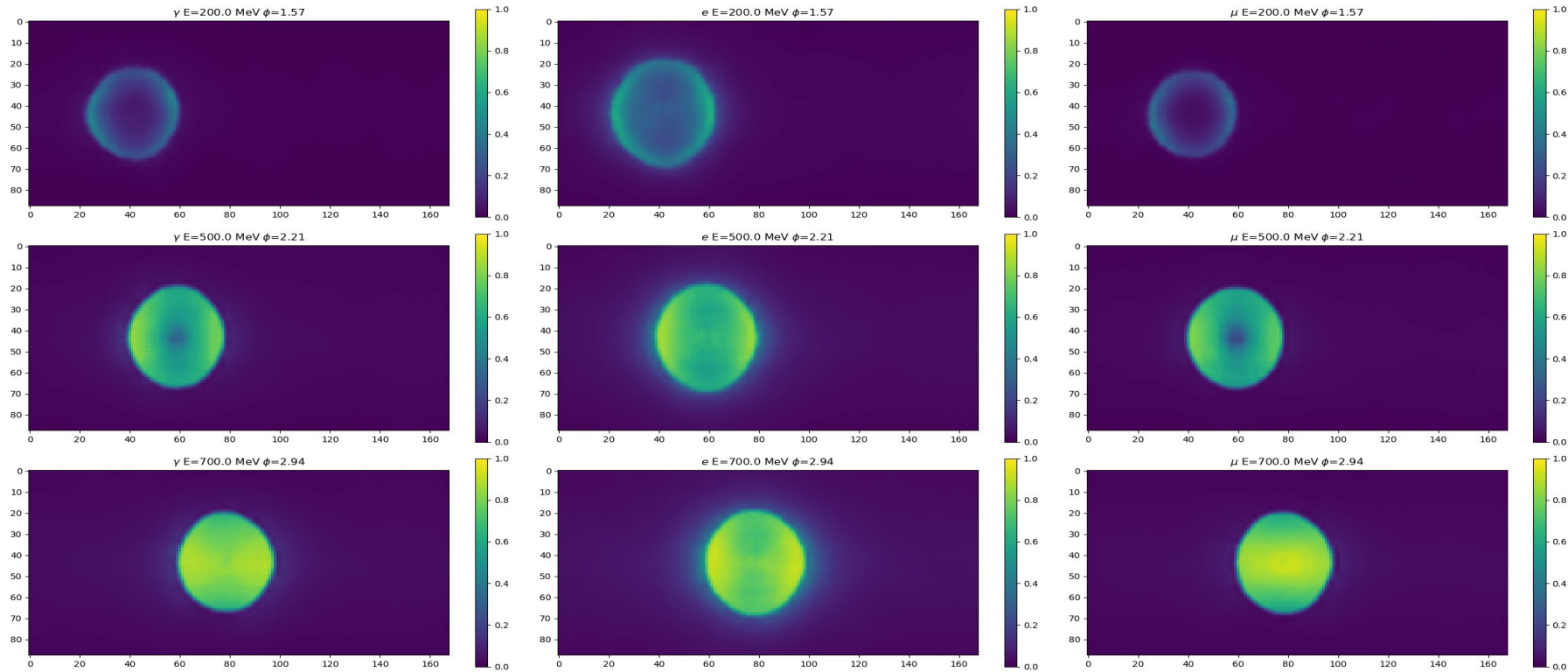
Comparison with FC1 30 Node, Test



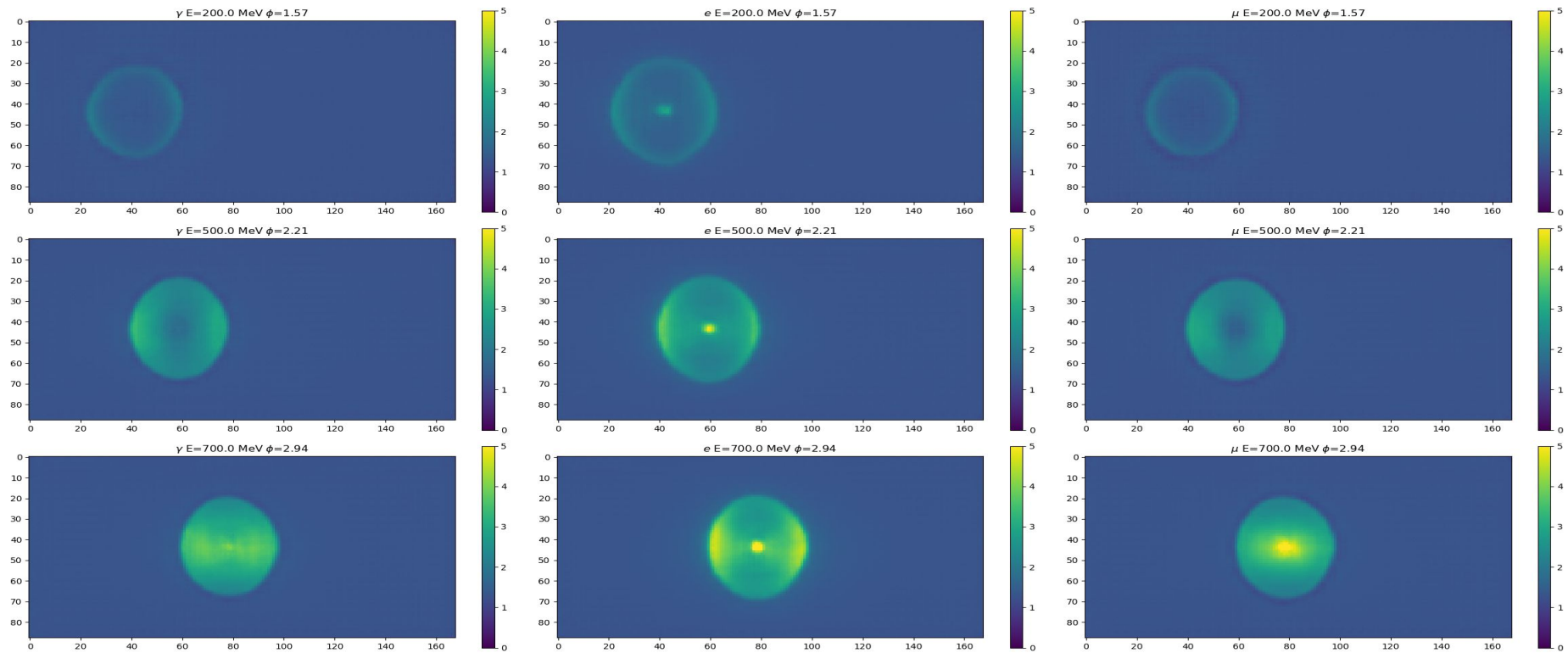
Node = 50N, LeakyRelu(0.1)



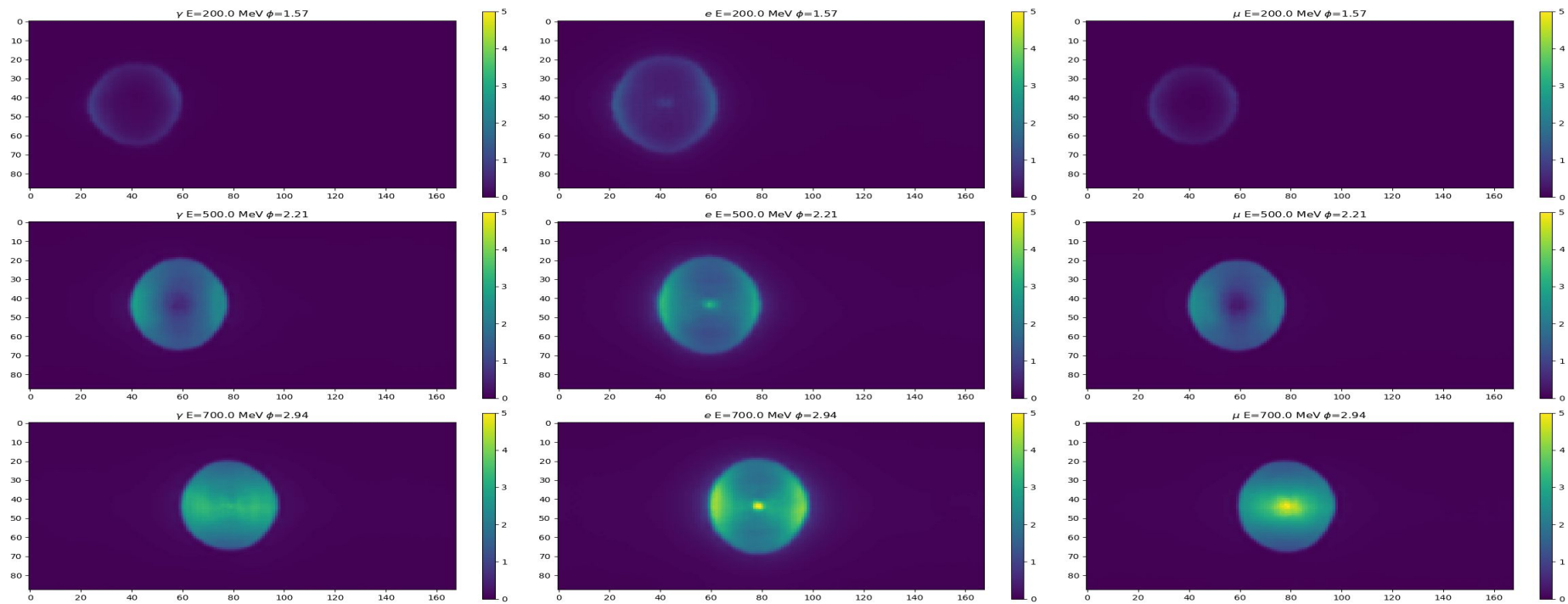
LeakyRelu(0.1), Predicted Hit Probability



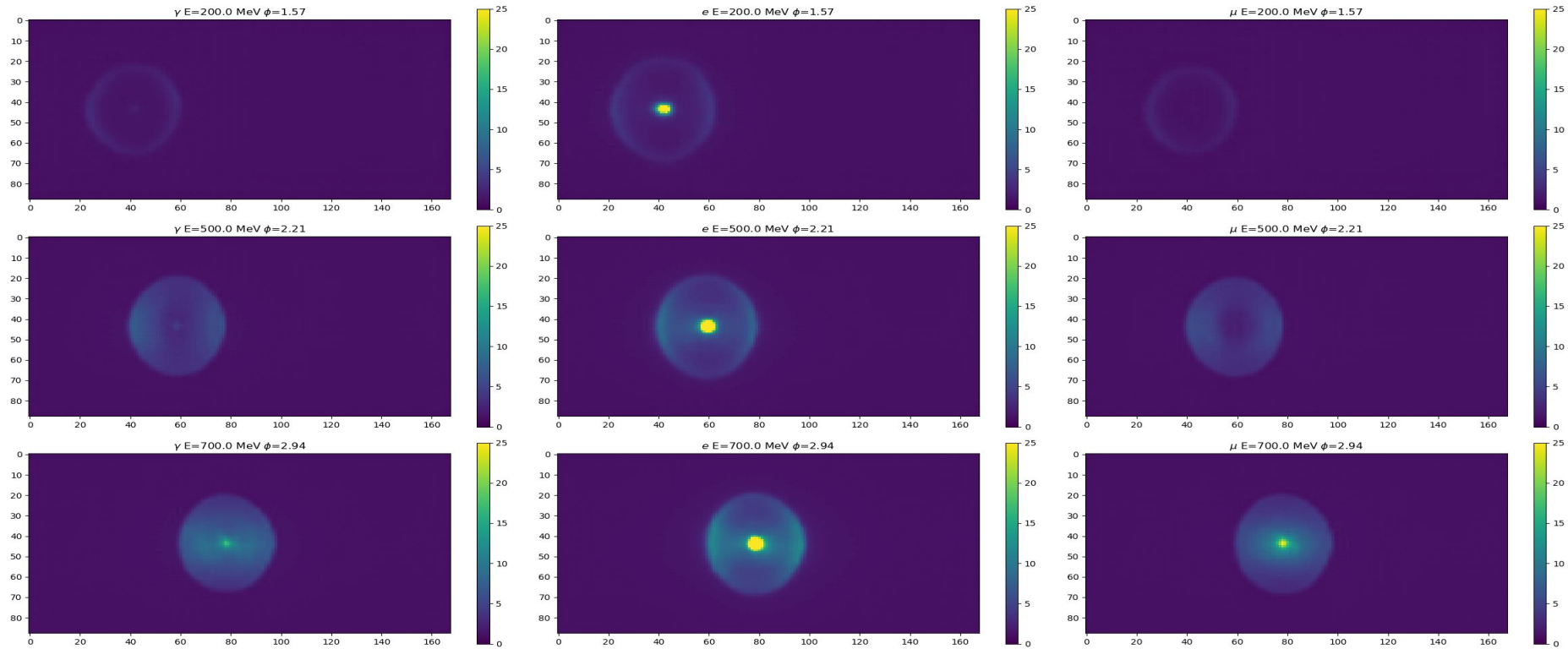
LeakyRelu(0.1), Predicted Charge



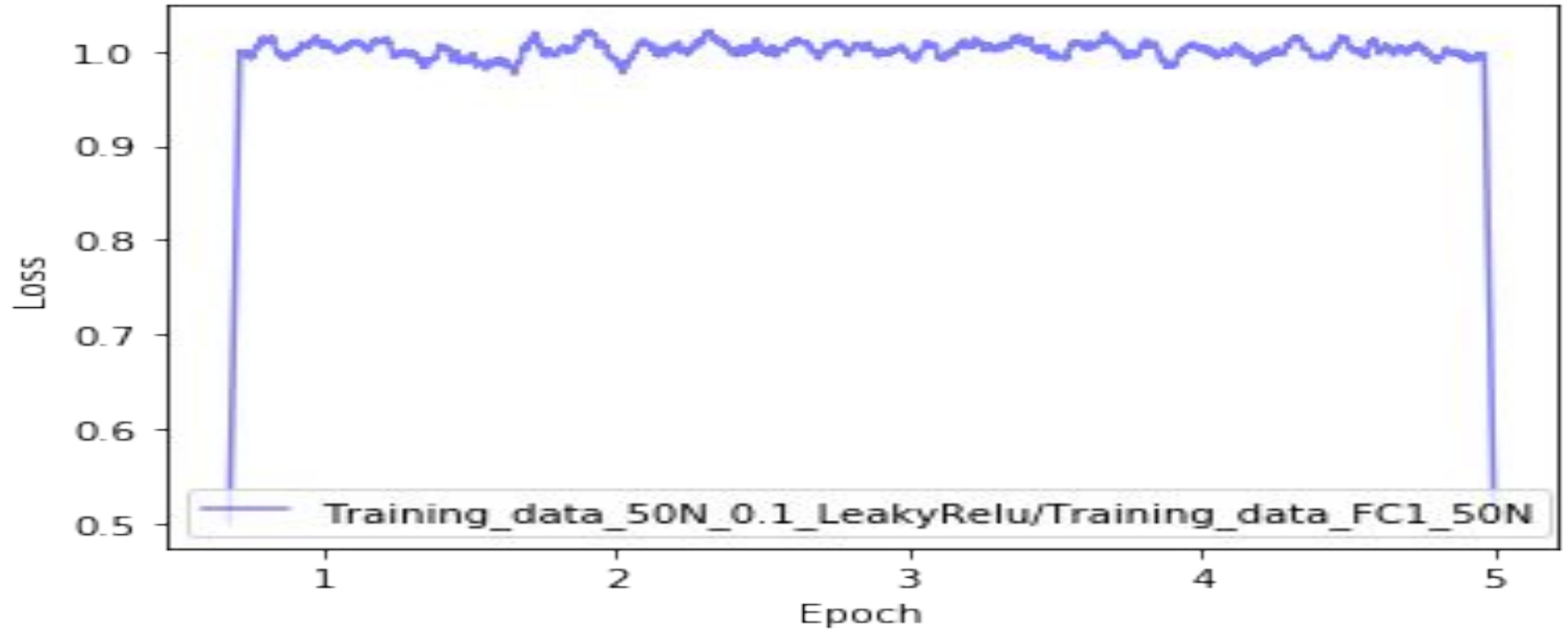
LeakyRelu(0.1), Expected mean charge (Predicted Charge X Predicted Hit Probability)



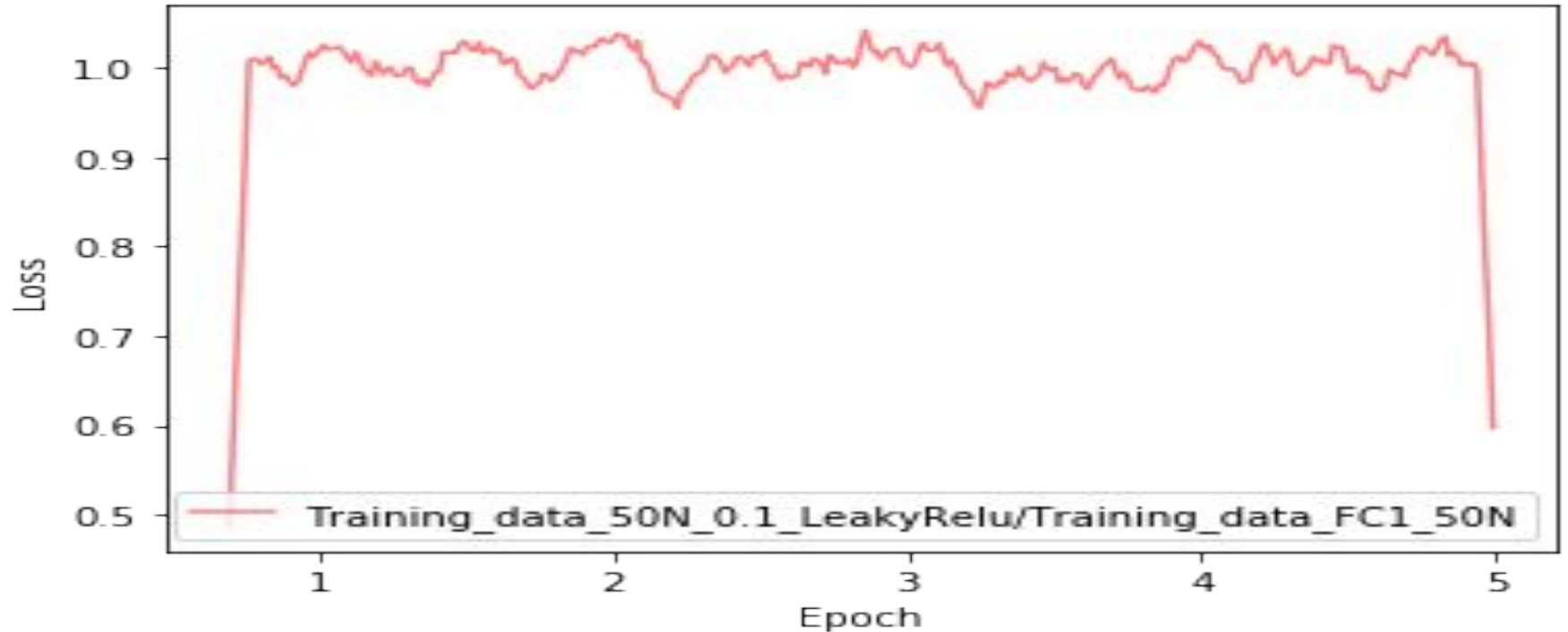
LeakyRelu(0.1), Predicted Variance of Charge



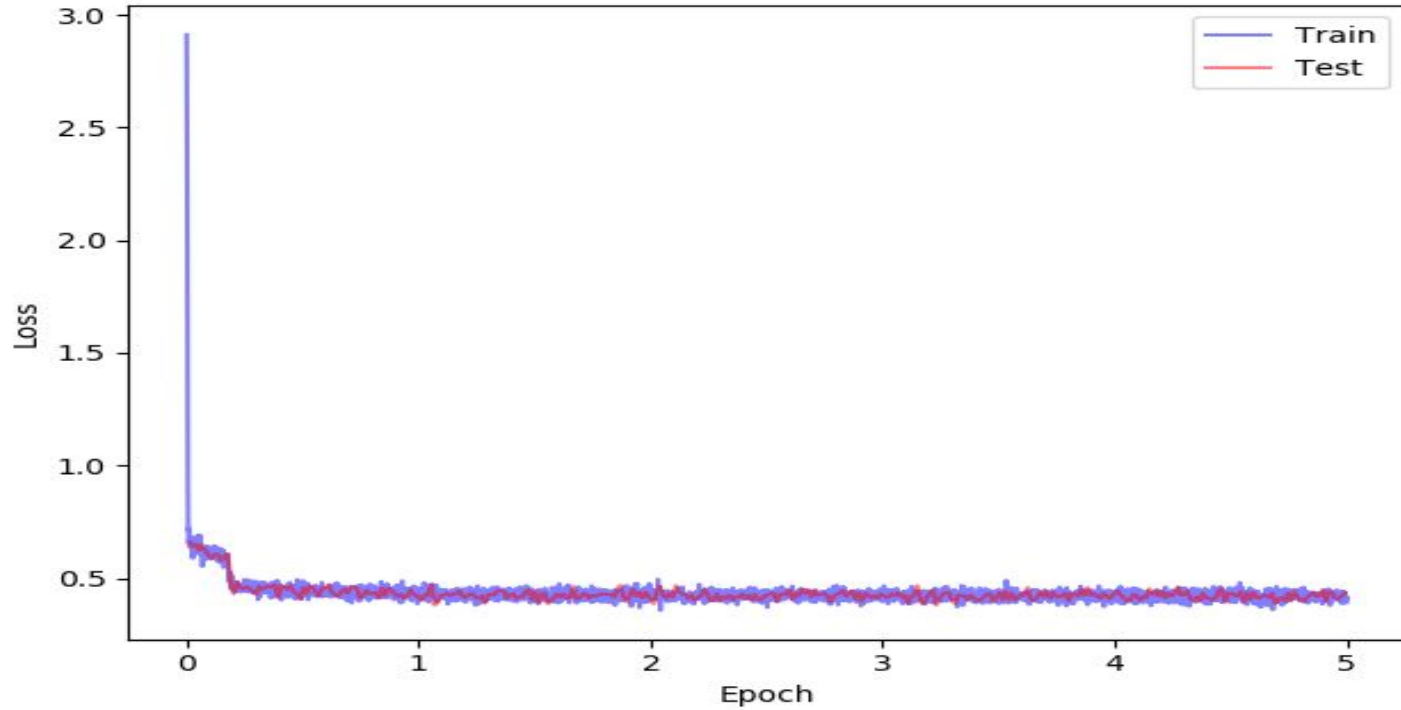
Comparison with FC1 50 Node, Train



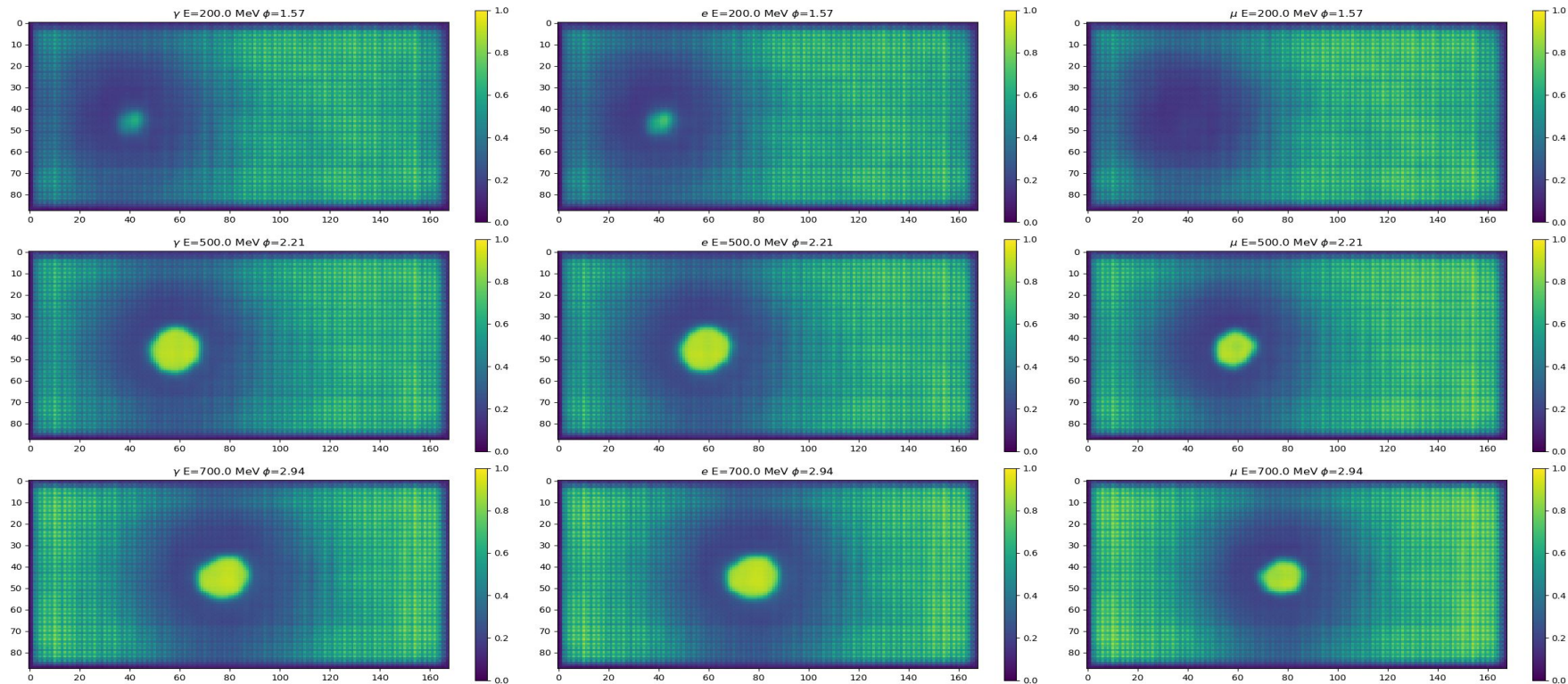
Comparison with FC1 50 Node, Test



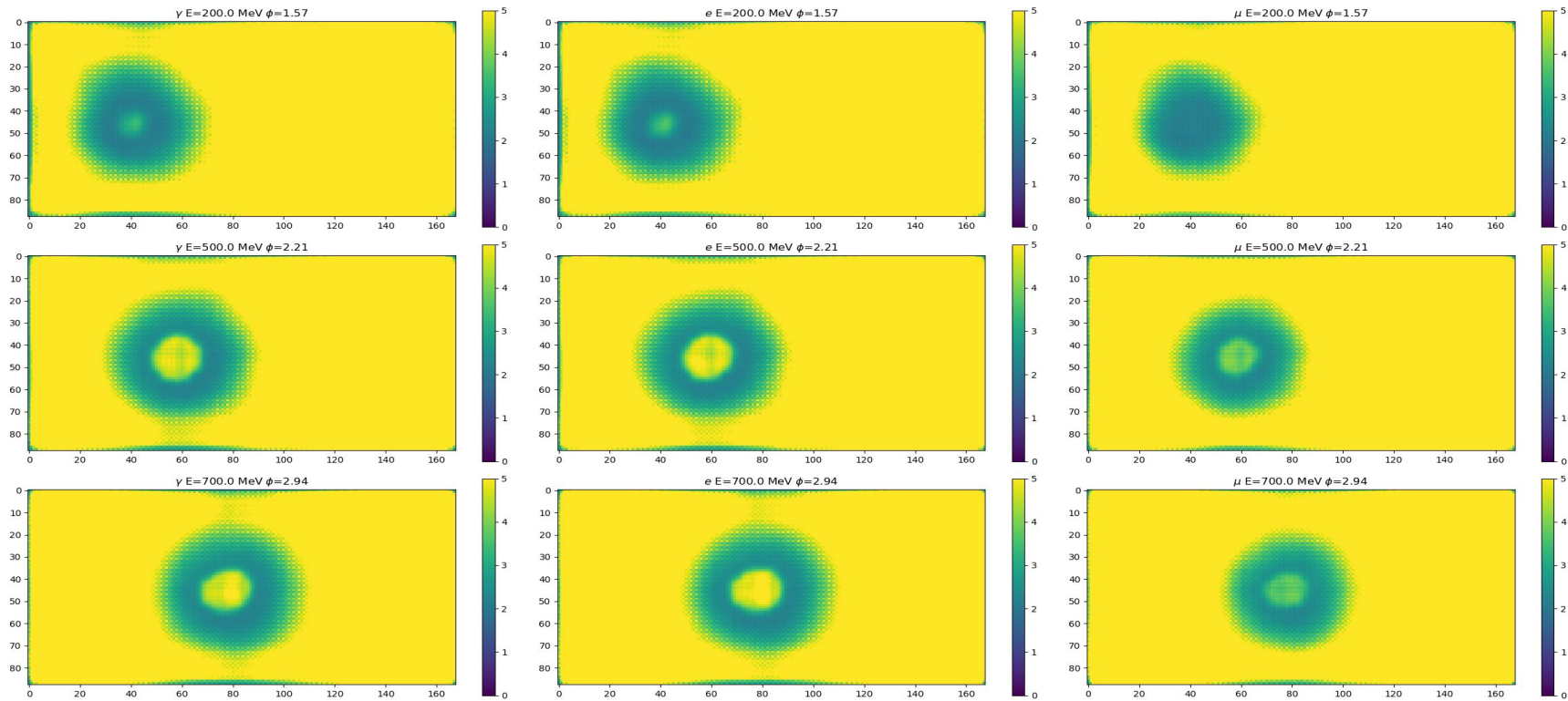
Node = 50N, LeakyRelu(0.5)



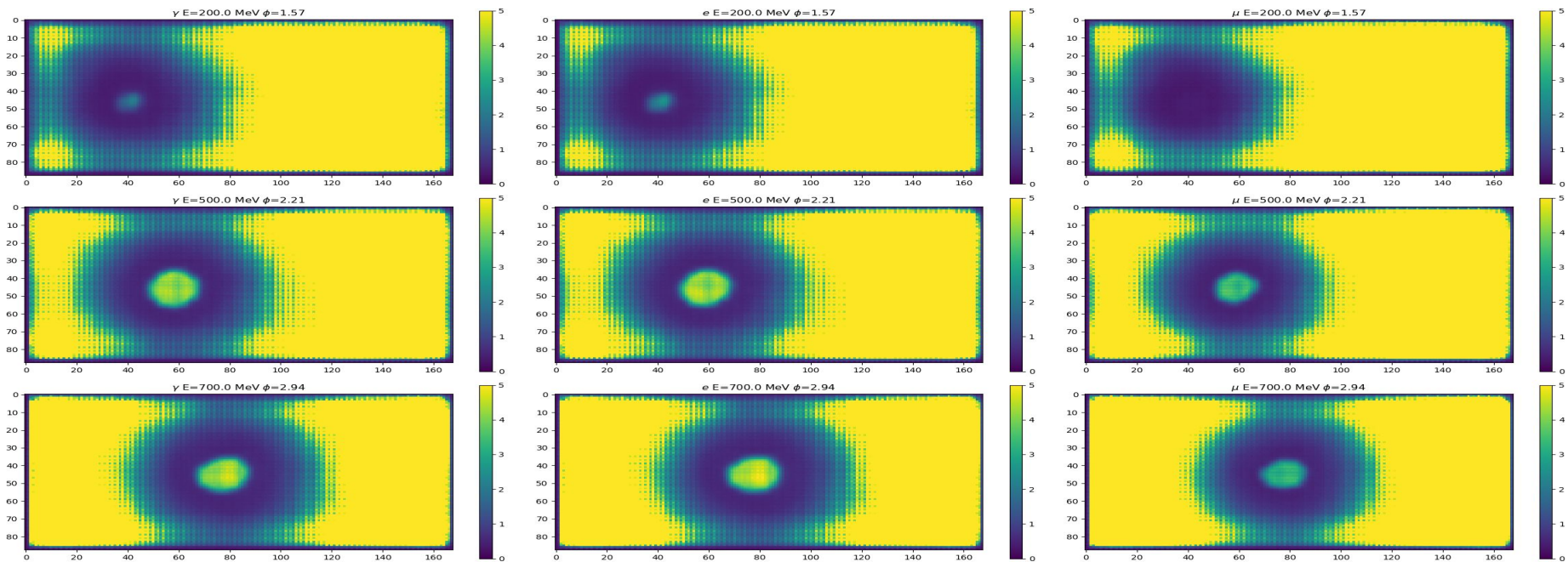
LeakyRelu(0.5), Predicted Hit Probability



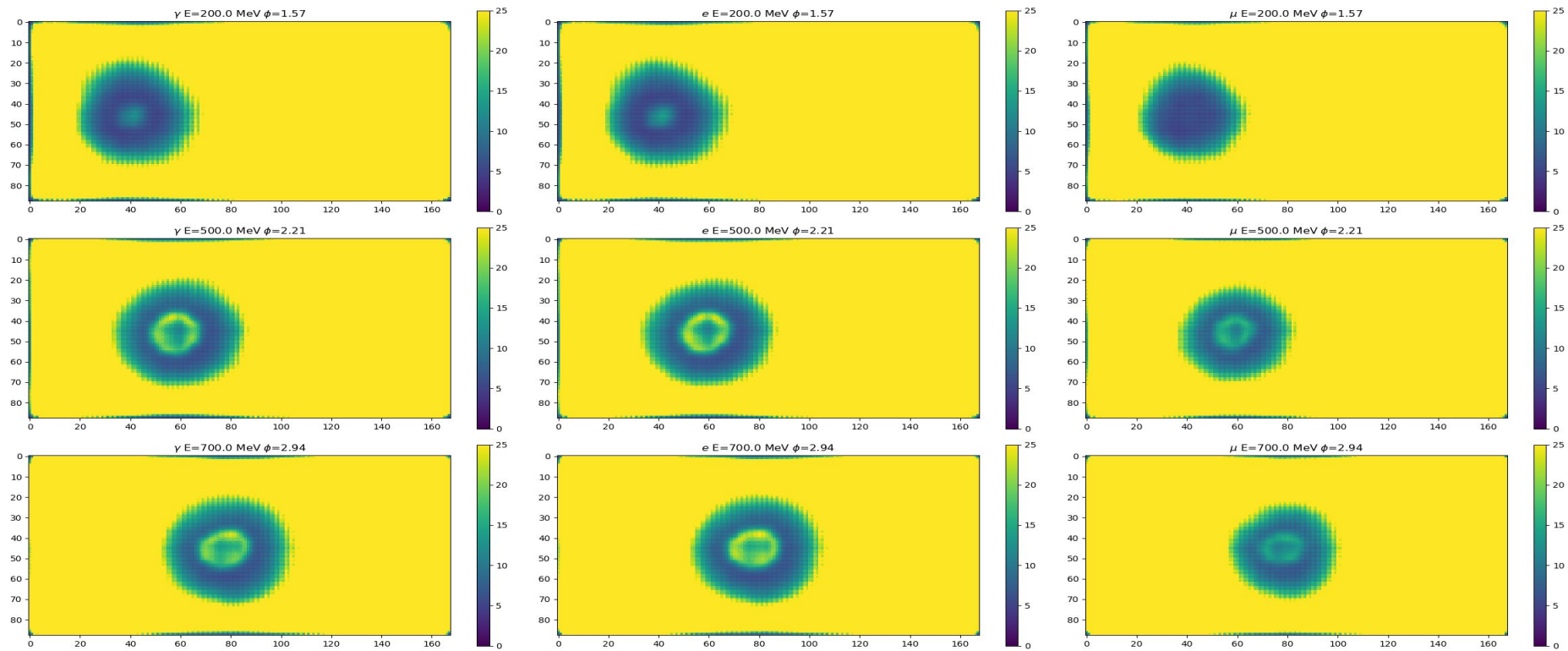
LeakyRelu(0.5), Predicted Charge



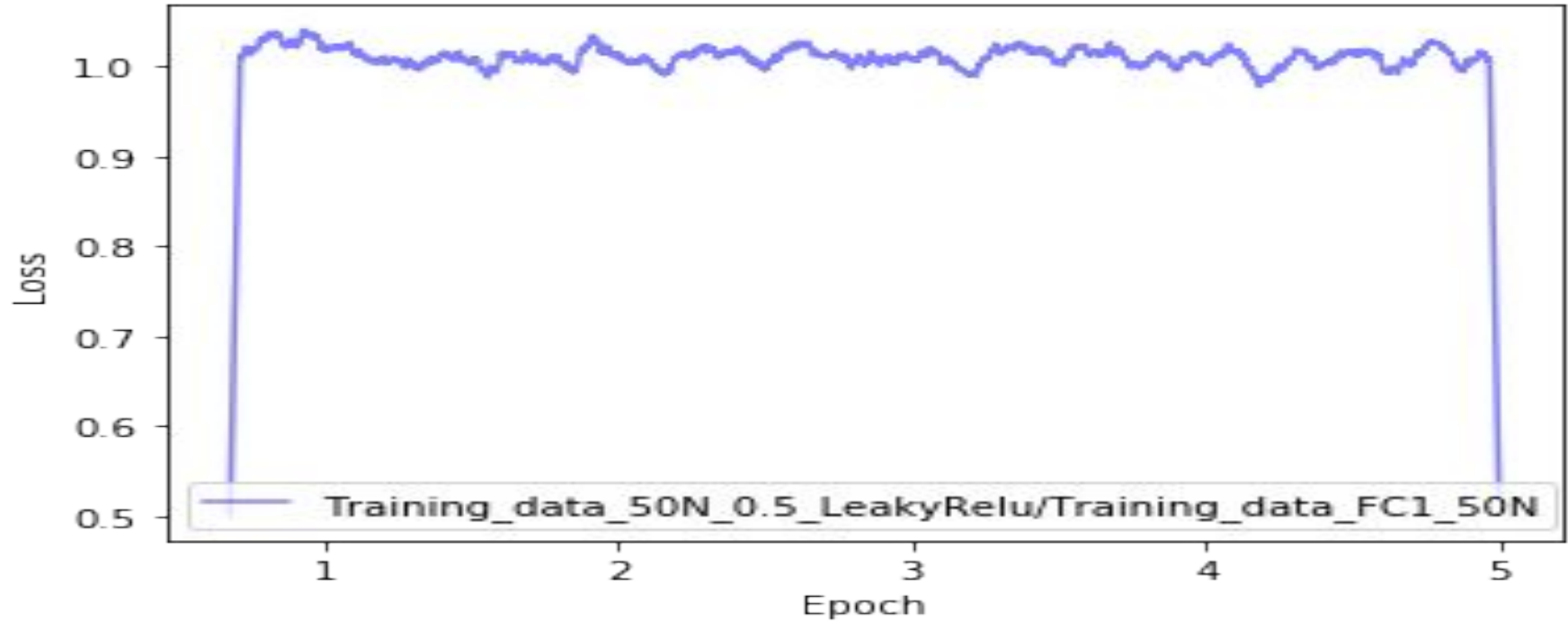
LeakyRelu(0.5), Expected mean charge (Predicted Charge X Predicted Hit Probability)



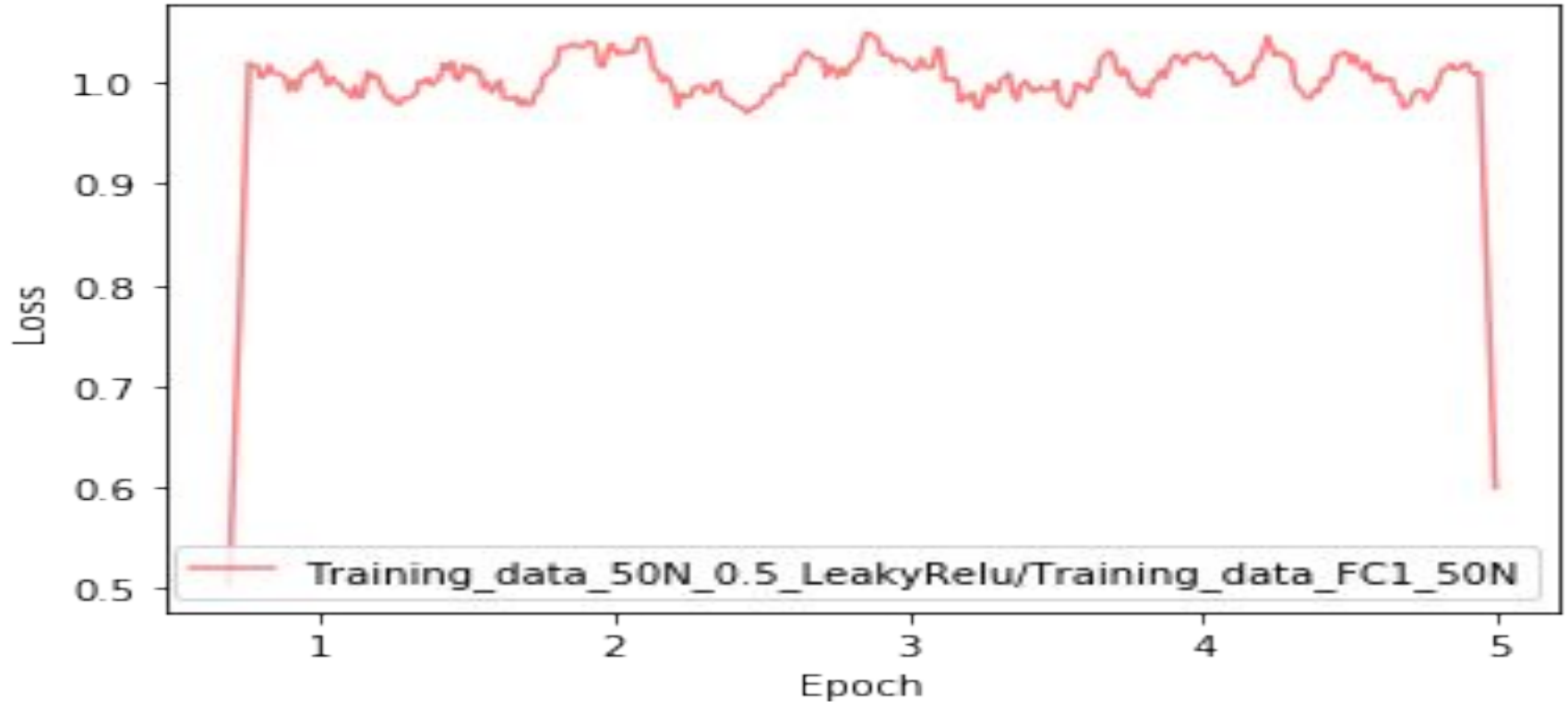
LeakyRelu(0.5), Predicted Variance of Charge



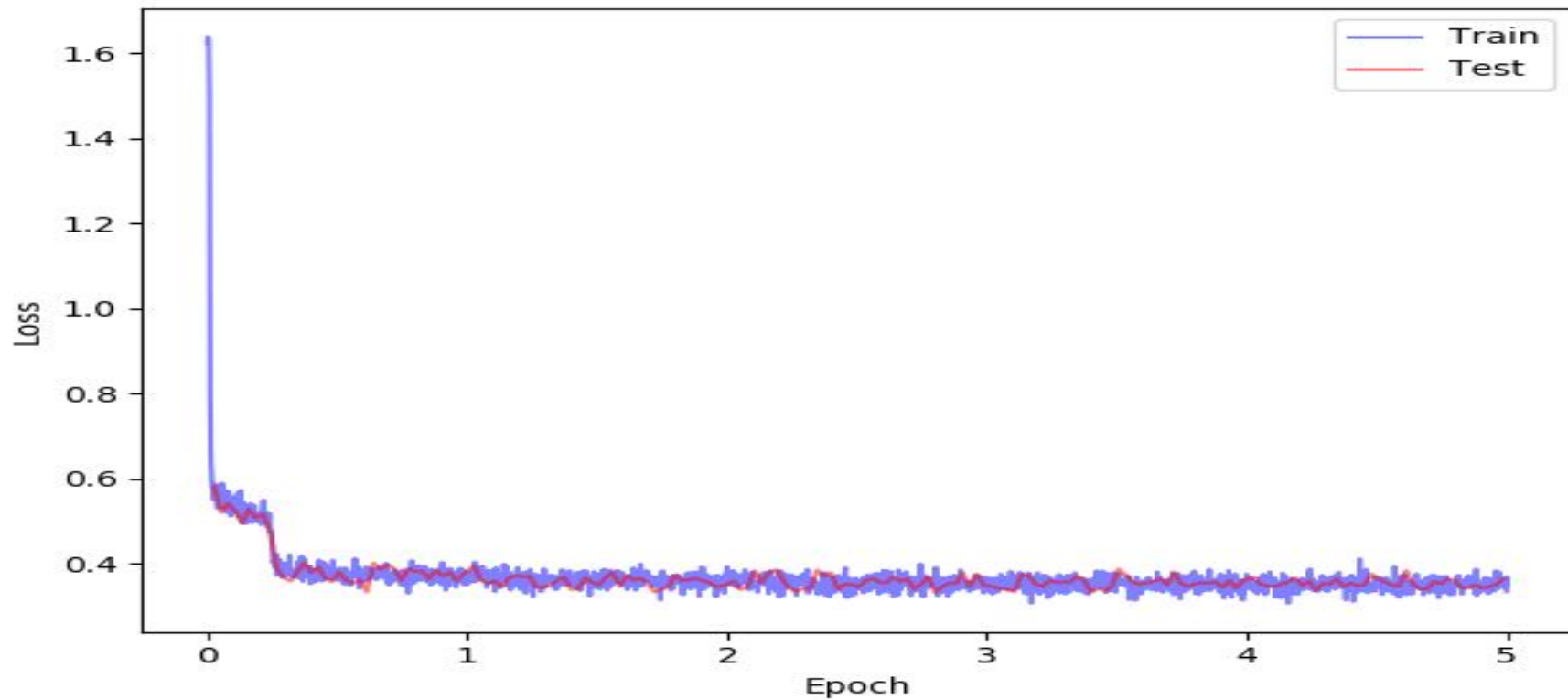
Comparison with FC1 50 Node, Train



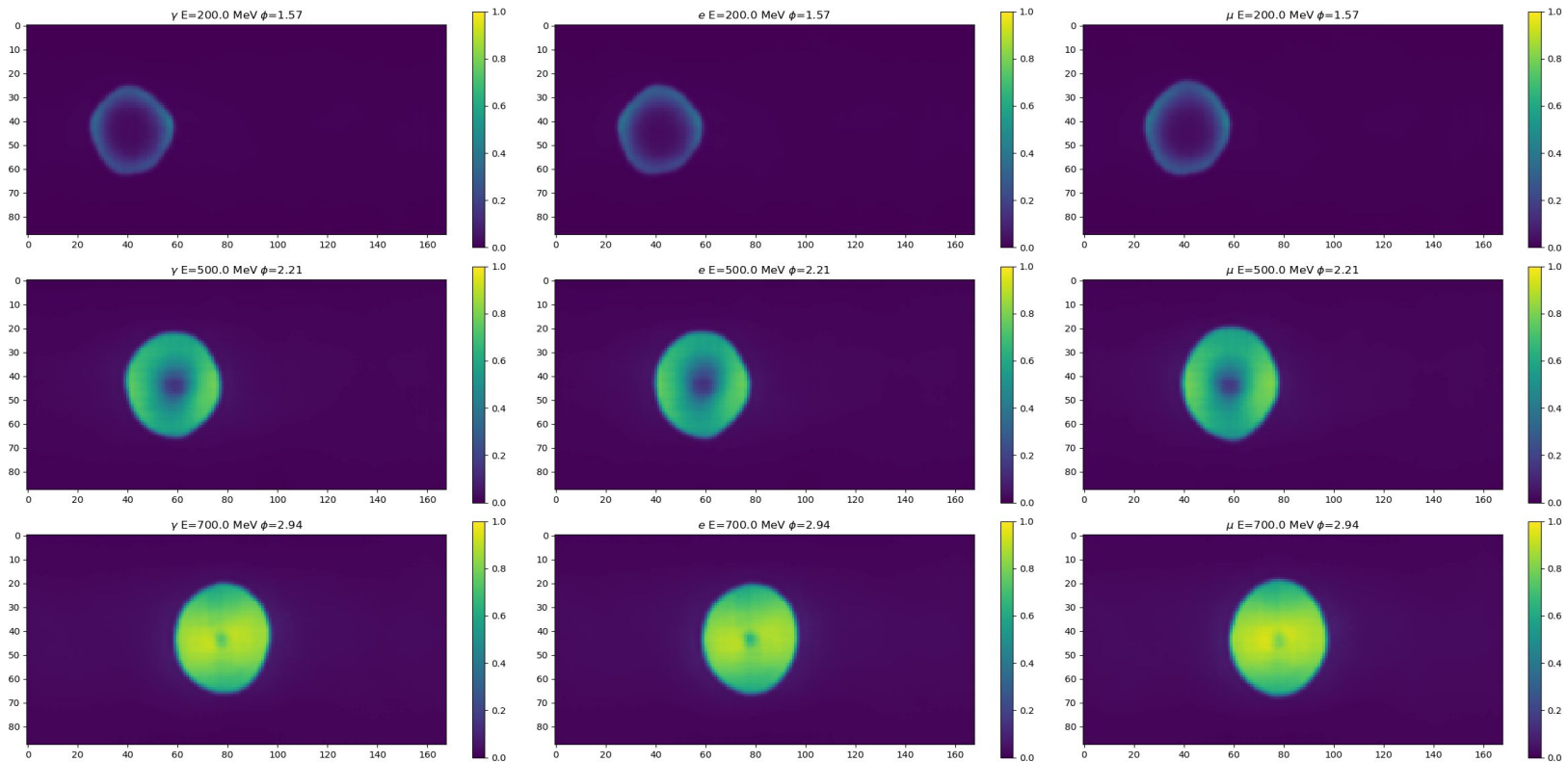
Comparison with FC1 50 Node, Test



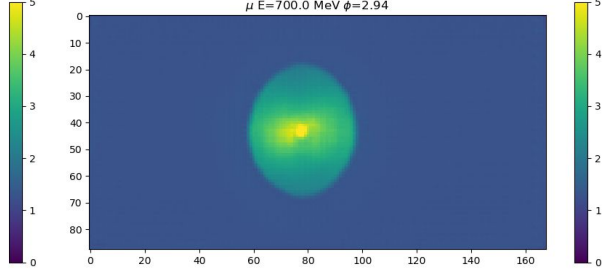
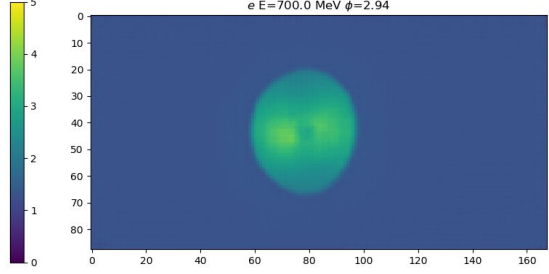
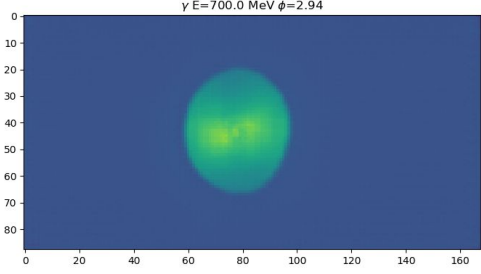
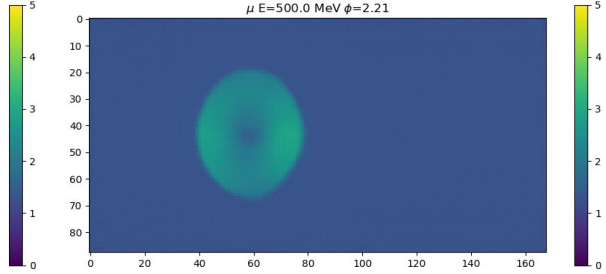
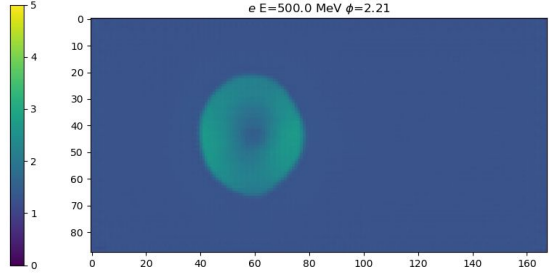
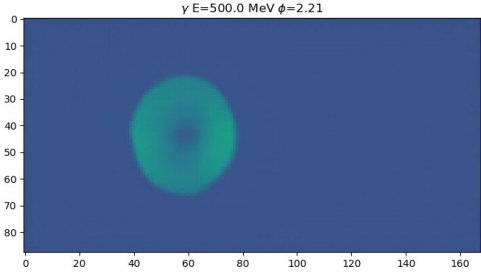
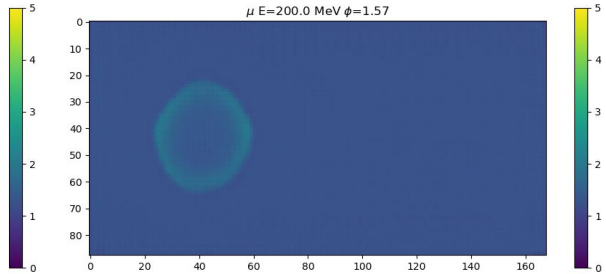
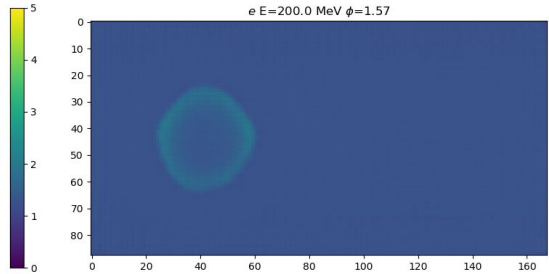
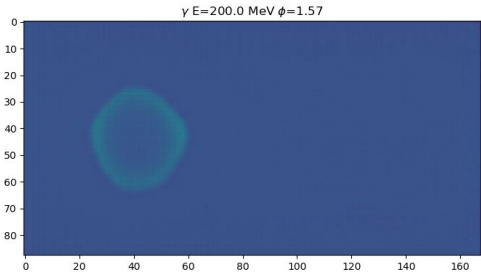
Node = 50, LeakyRelu(0.02)



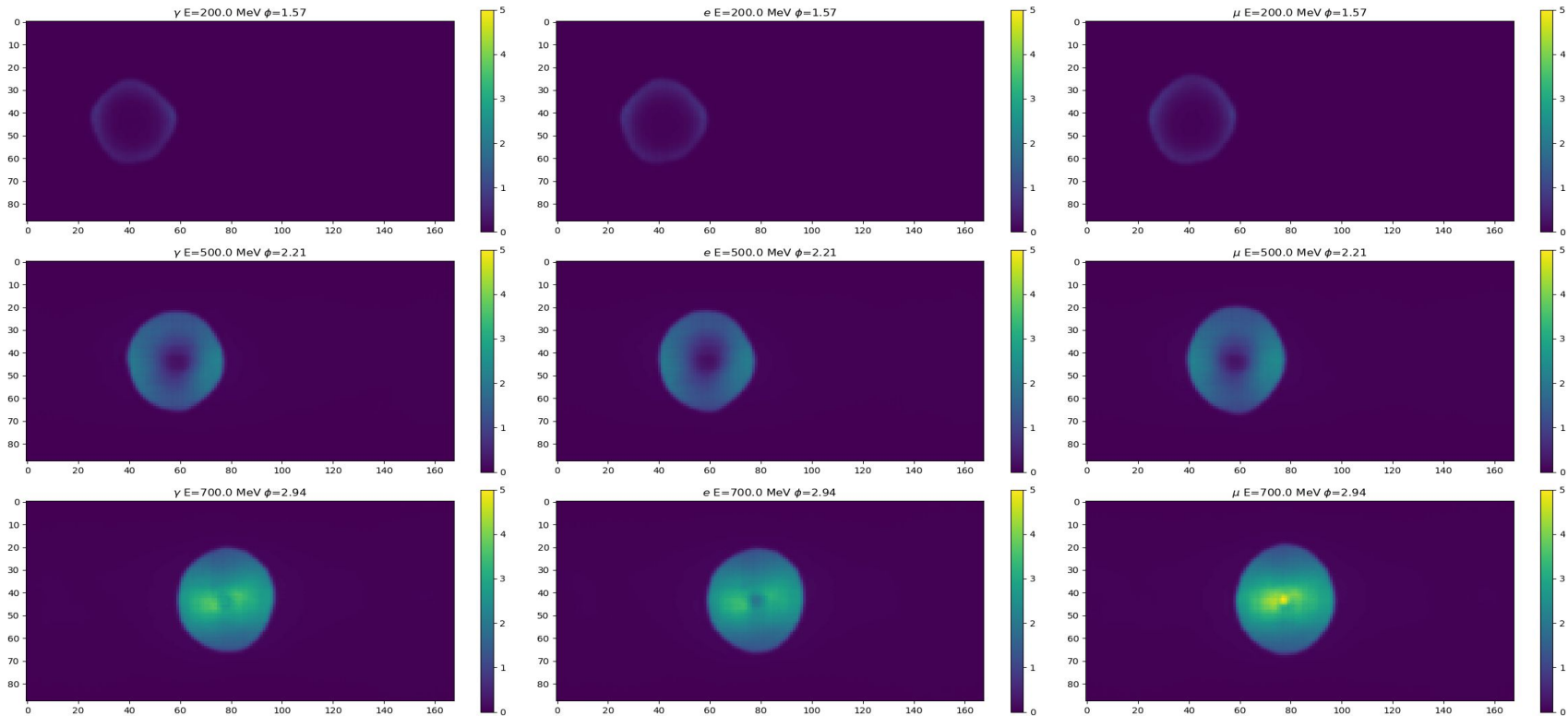
LeakyRelu(0.02), Predicted Hit Probability



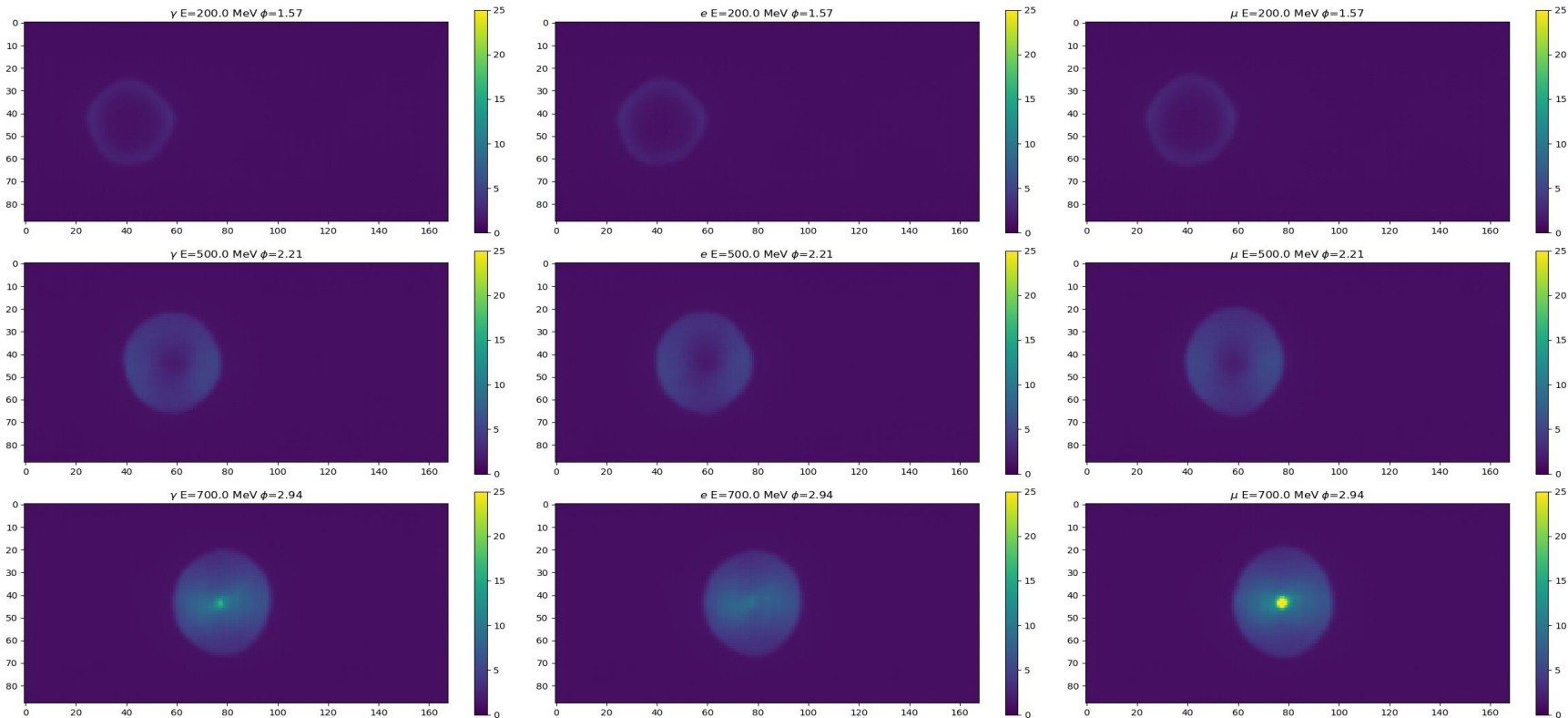
LeakyRelu(0.02), Predicted Charge



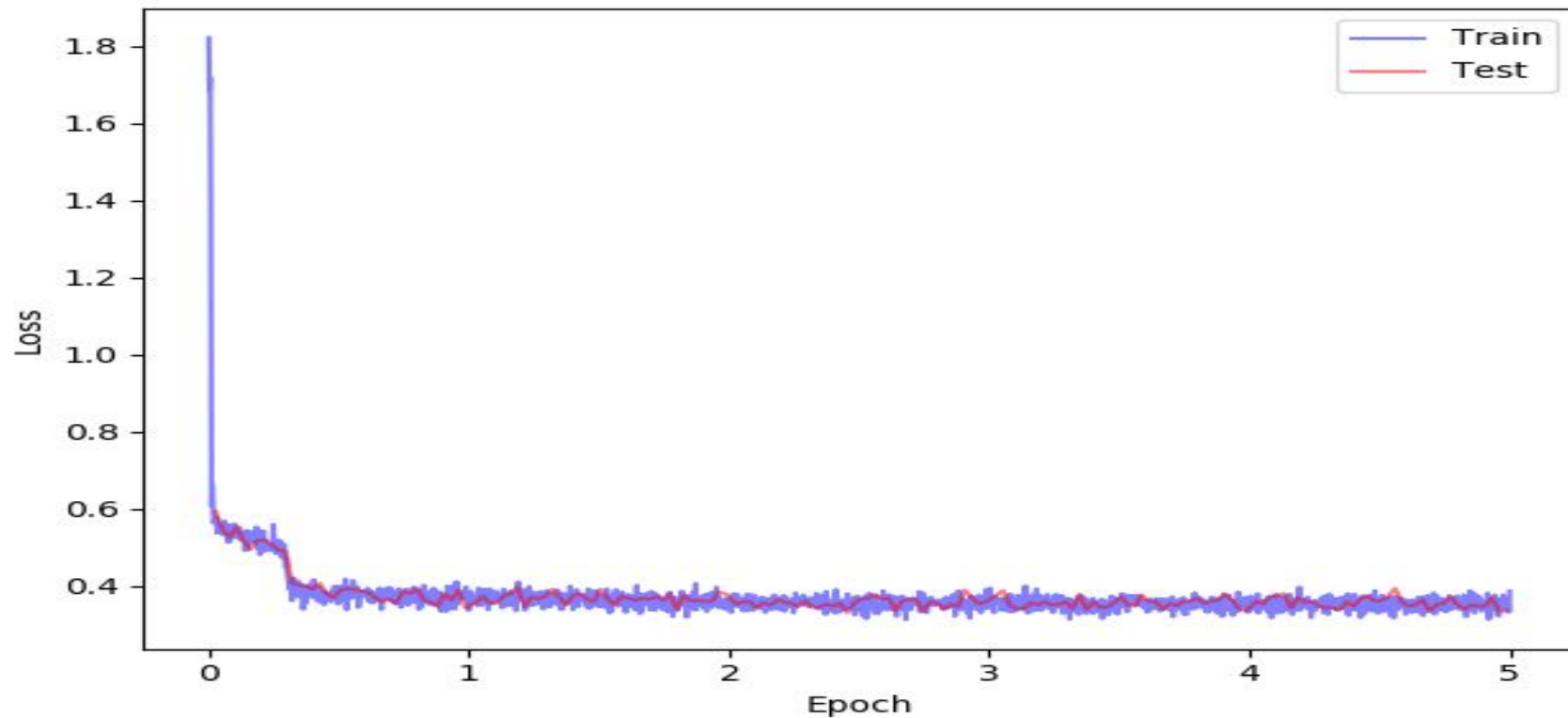
LeakyRelu(0.02), Expected mean charge (Predicted Charge X Predicted Hit Probability)



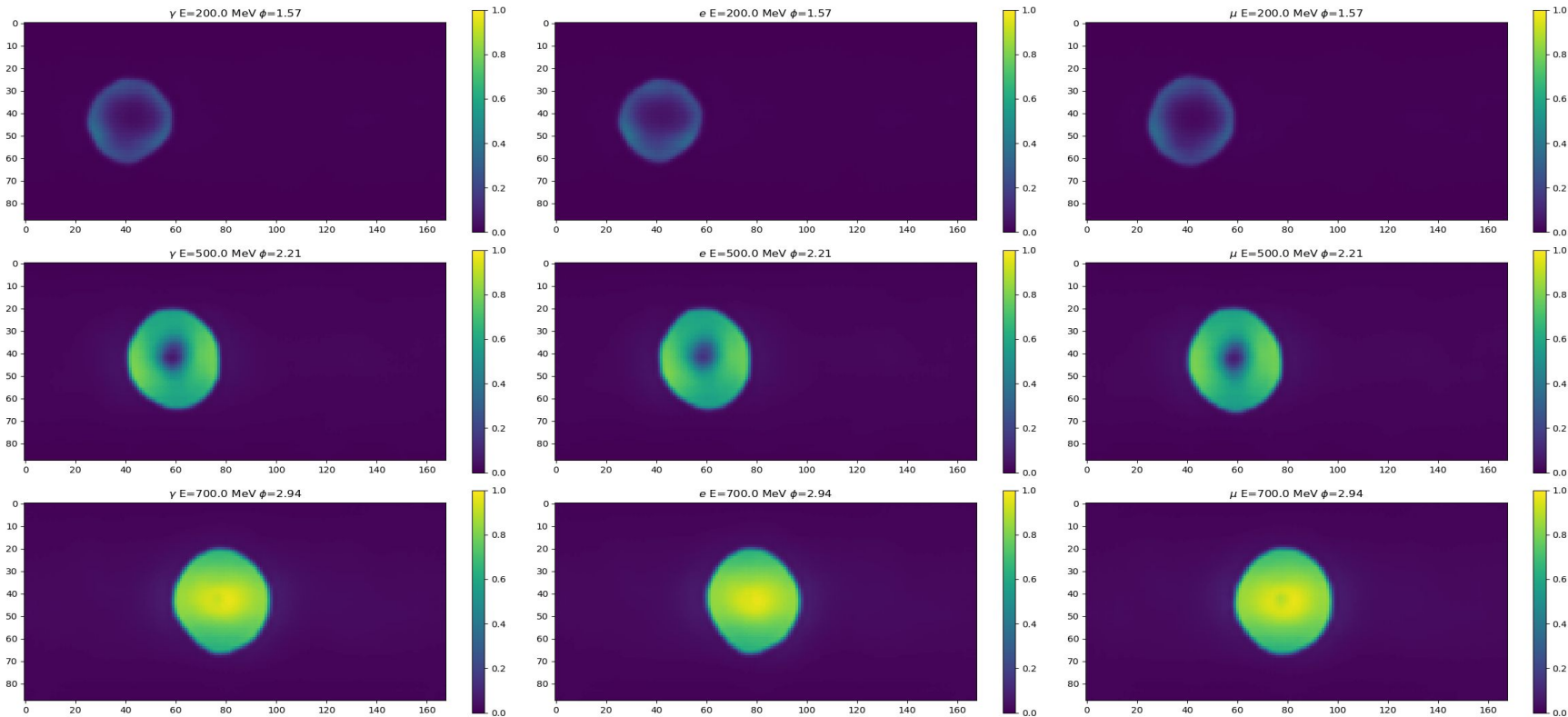
LeakyRelu(0.02), Predicted Variance of Charge



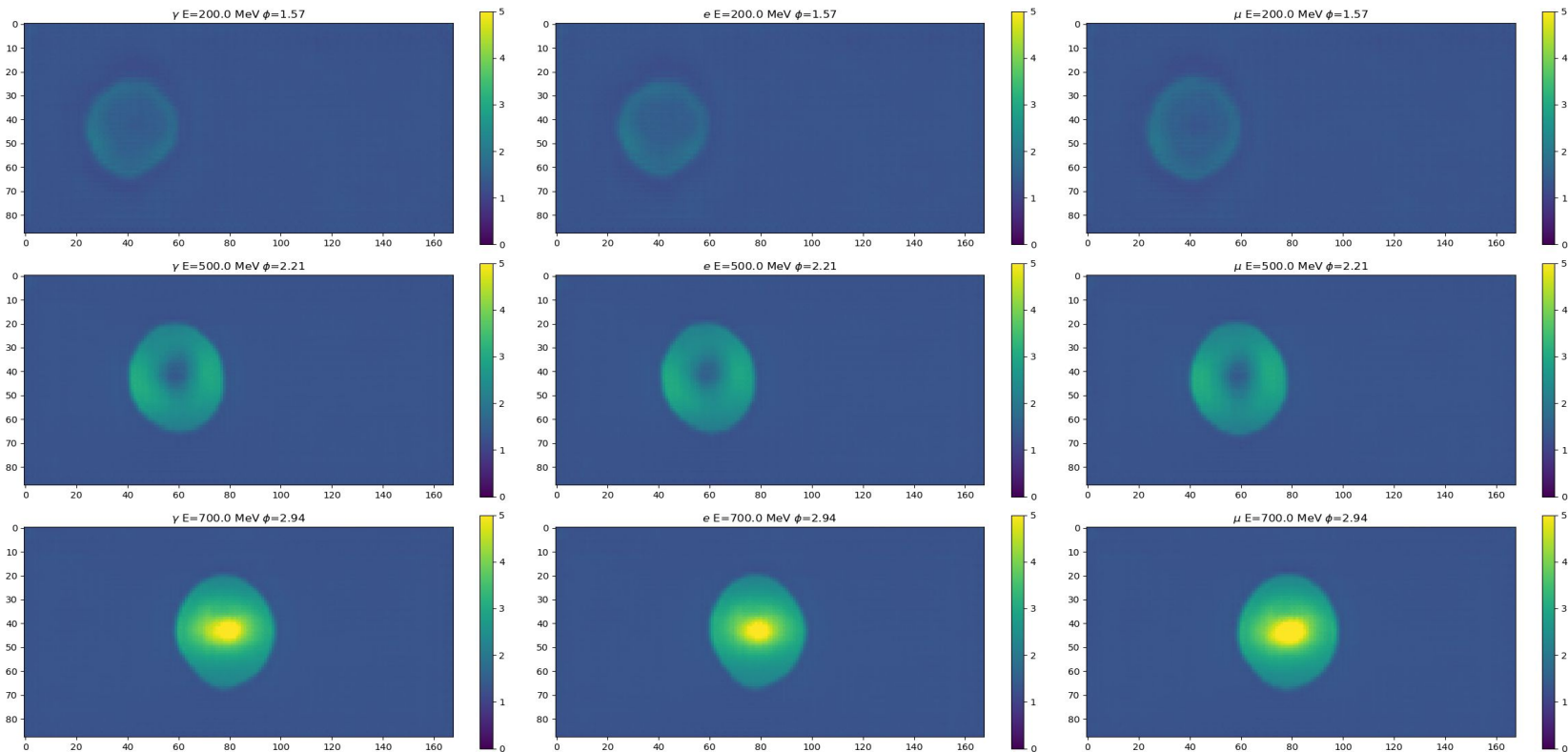
Node = 50, LeakyRelu(0.03)



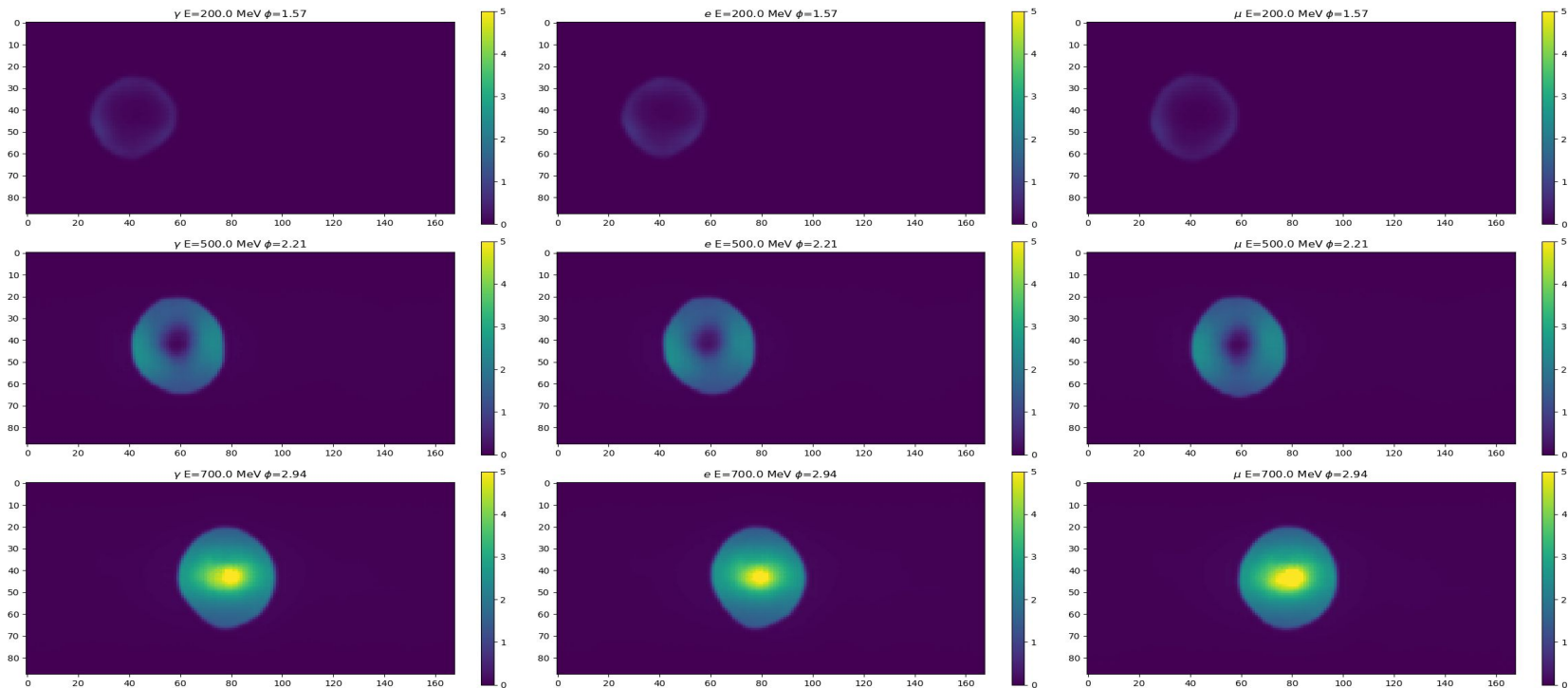
LeakyRelu(0.03), Predicted Hit Probability



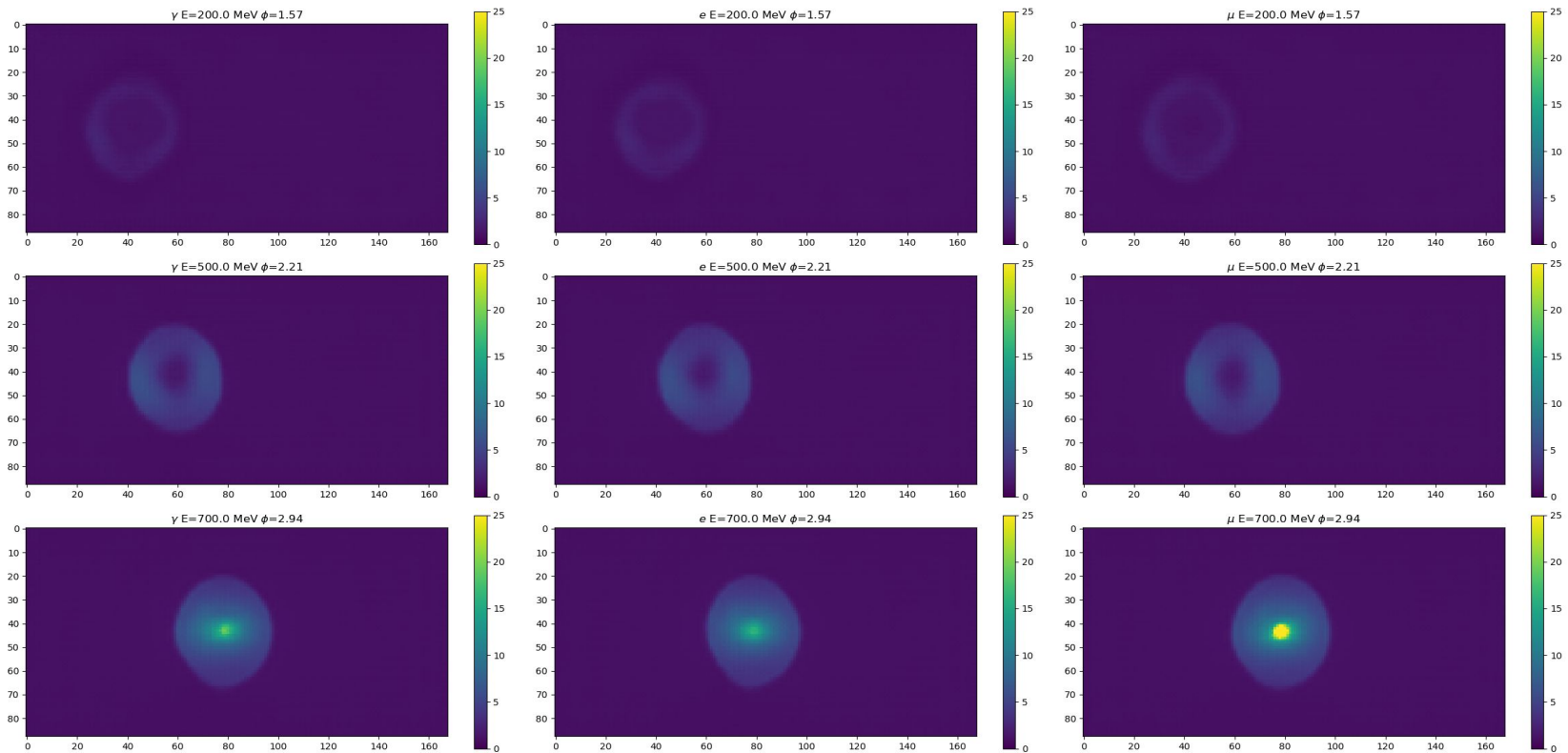
LeakyRelu(0.03), Predicted Charge



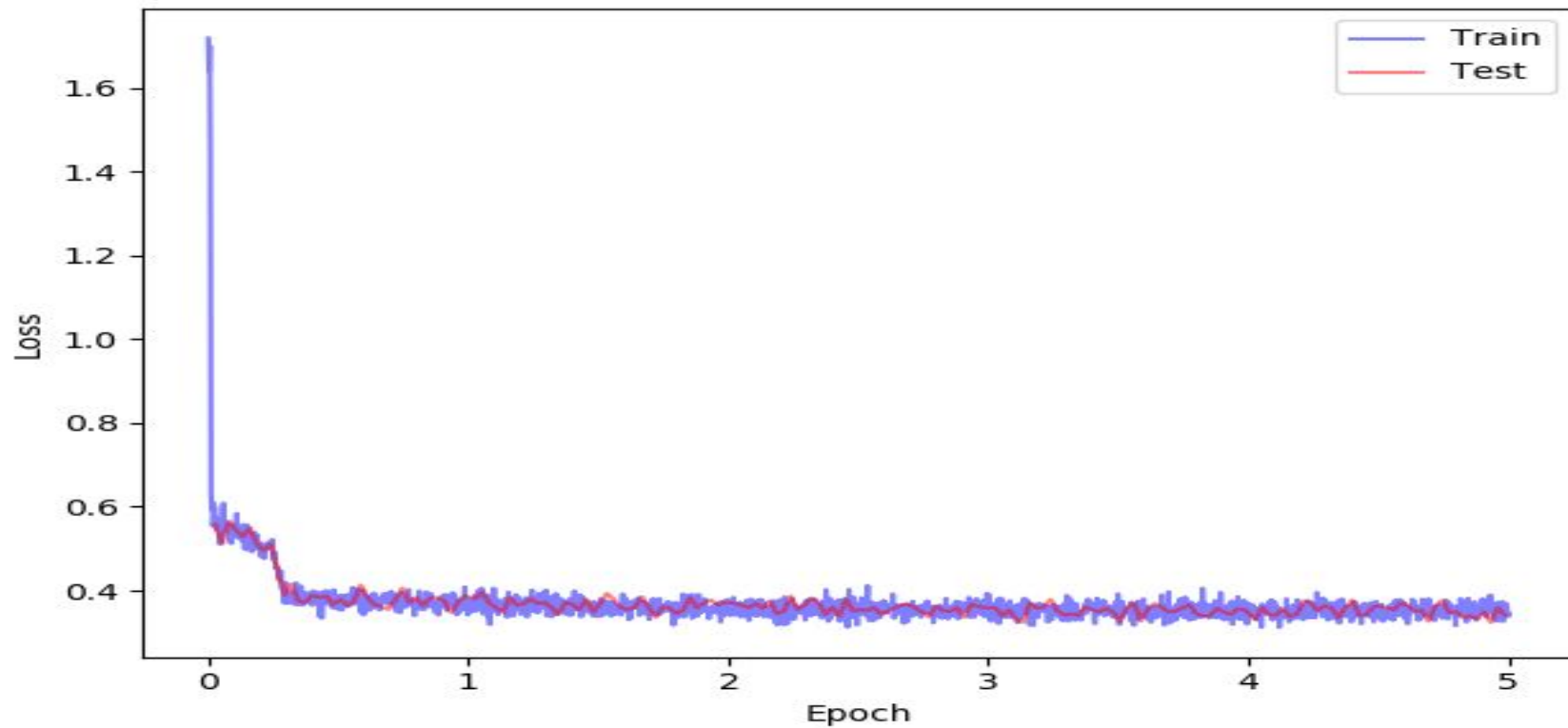
LeakyRelu(0.03), Expected mean charge (Predicted Charge X Predicted Hit Probability)



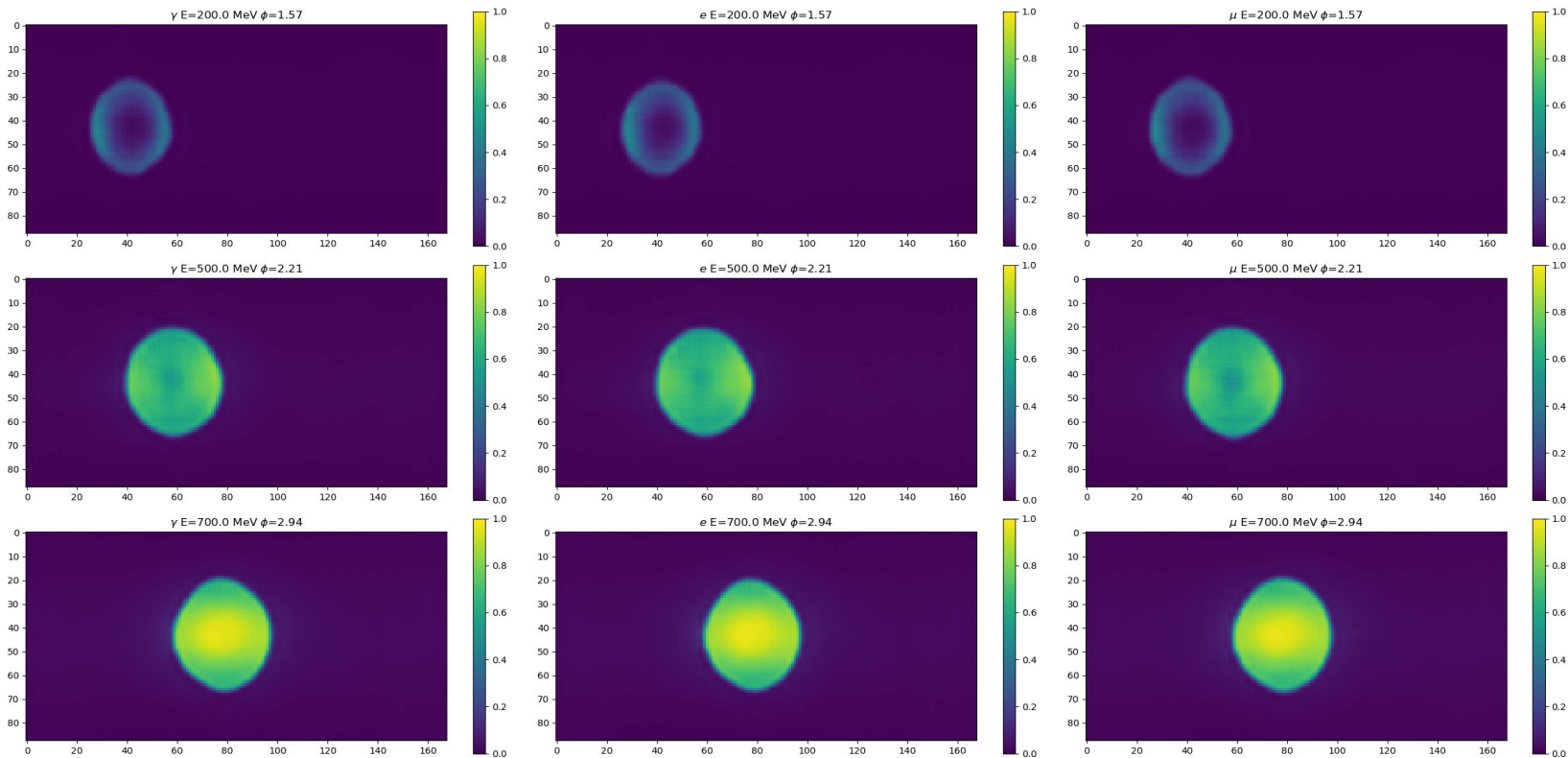
LeakyRelu(0.03), Predicted Variance of Charge



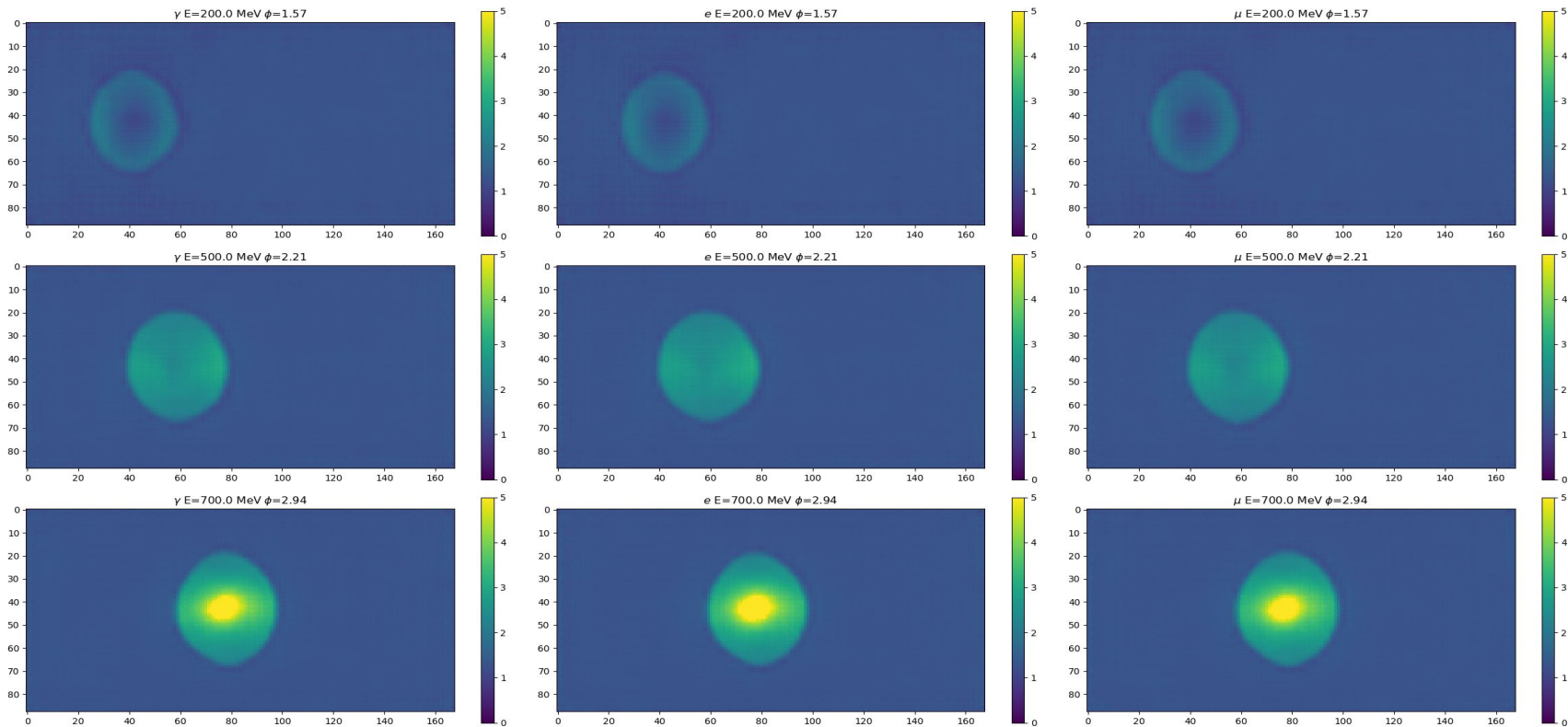
Node = 50, LeakyRelu(-0.01)



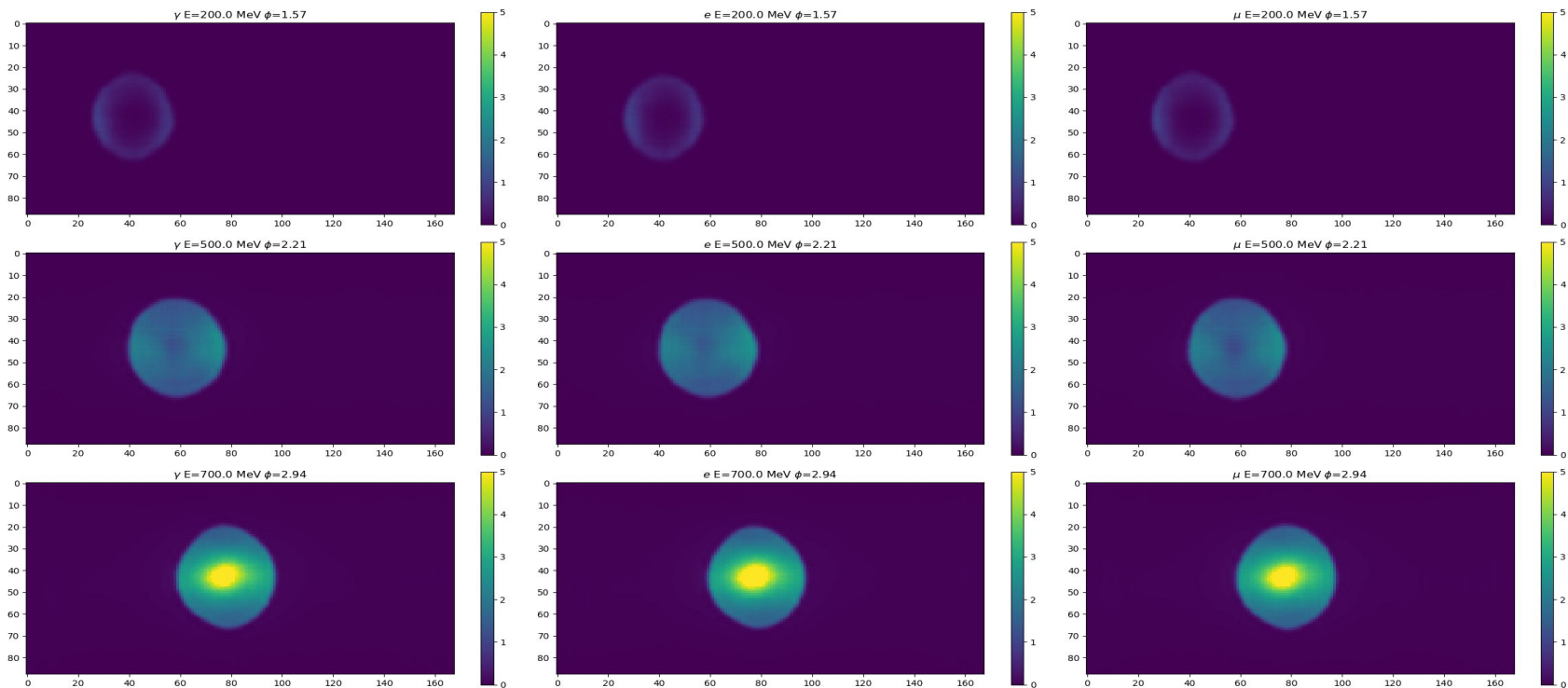
LeakyRelu(-0.01), Predicted Hit Probability



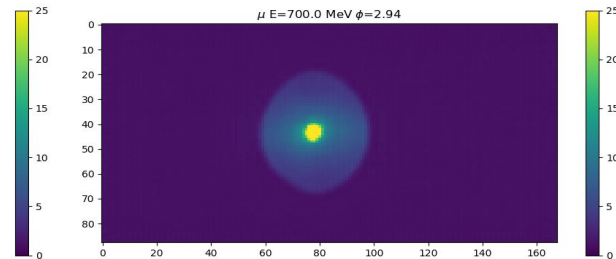
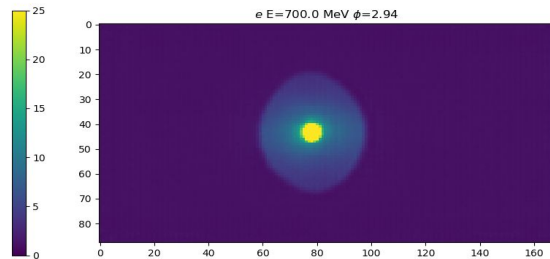
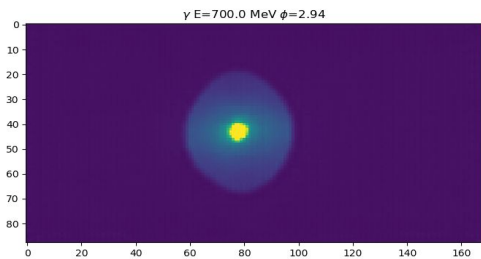
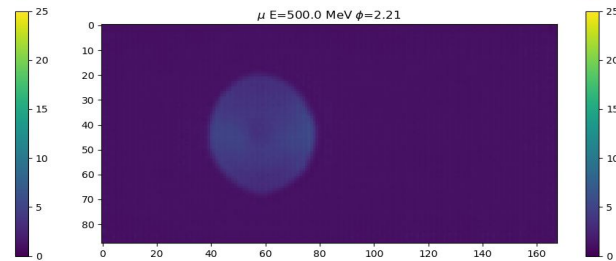
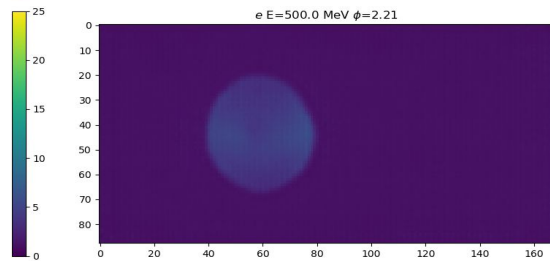
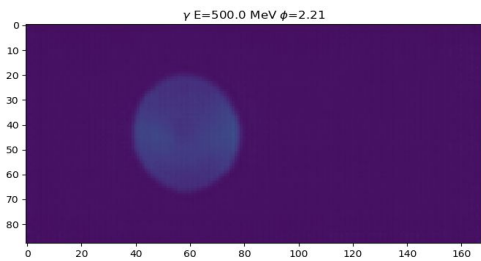
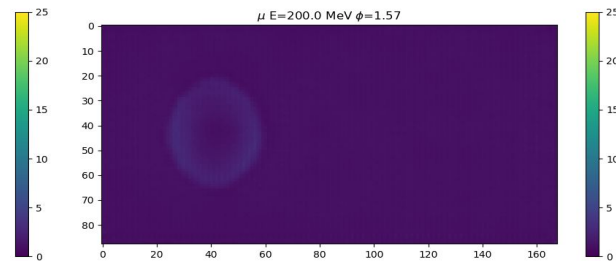
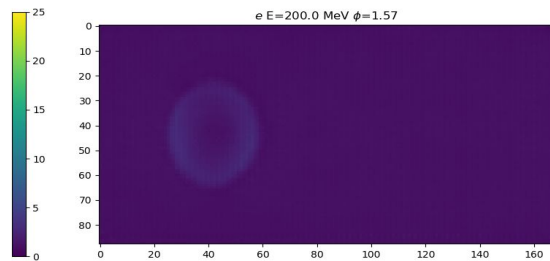
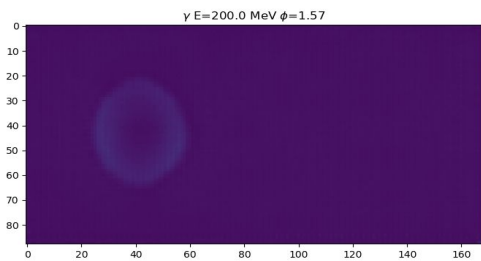
LeakyRelu(-0.01), Predicted Charge



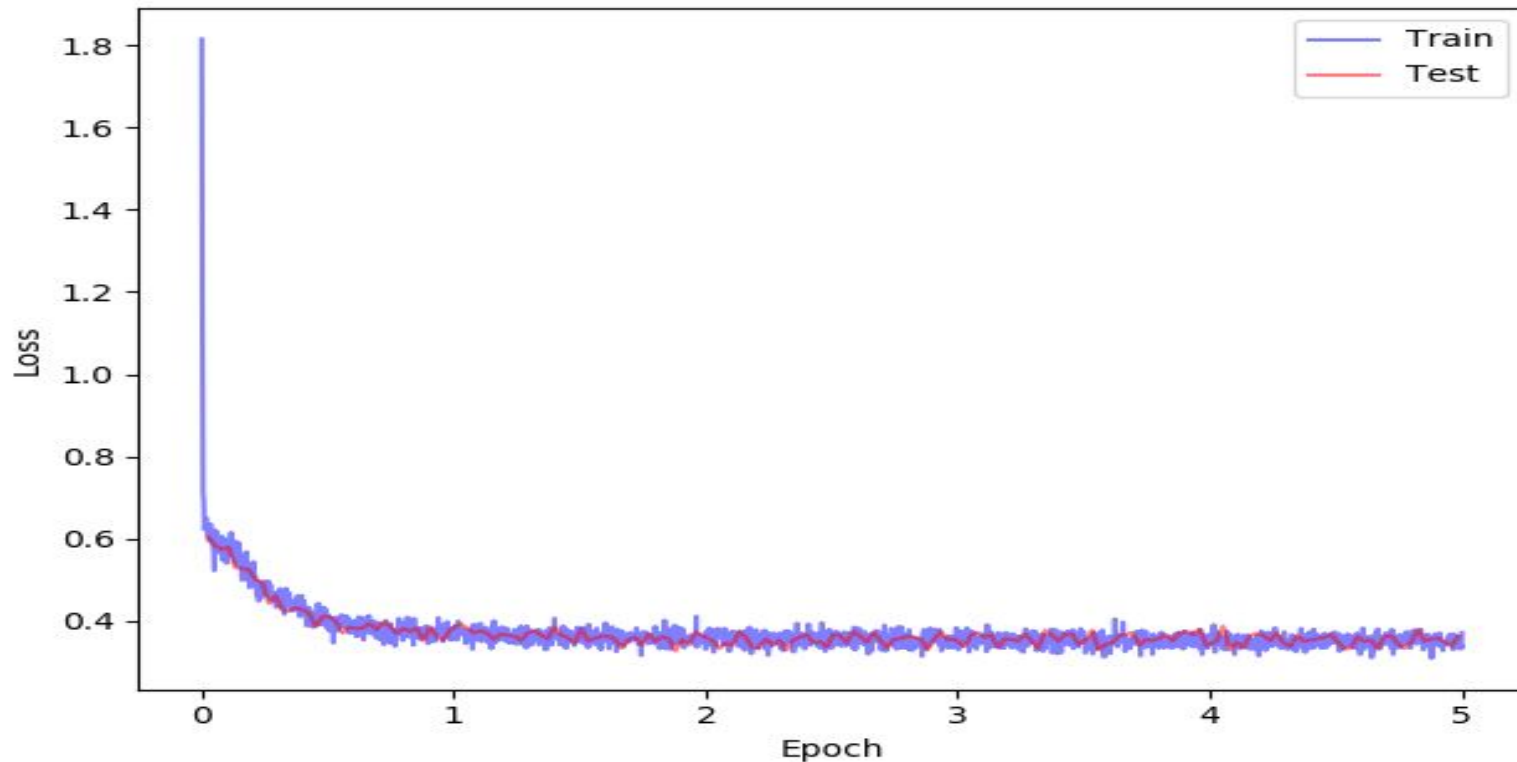
LeakyRelu(-0.01), Expected mean charge (Predicted Charge X Predicted Hit Probability)



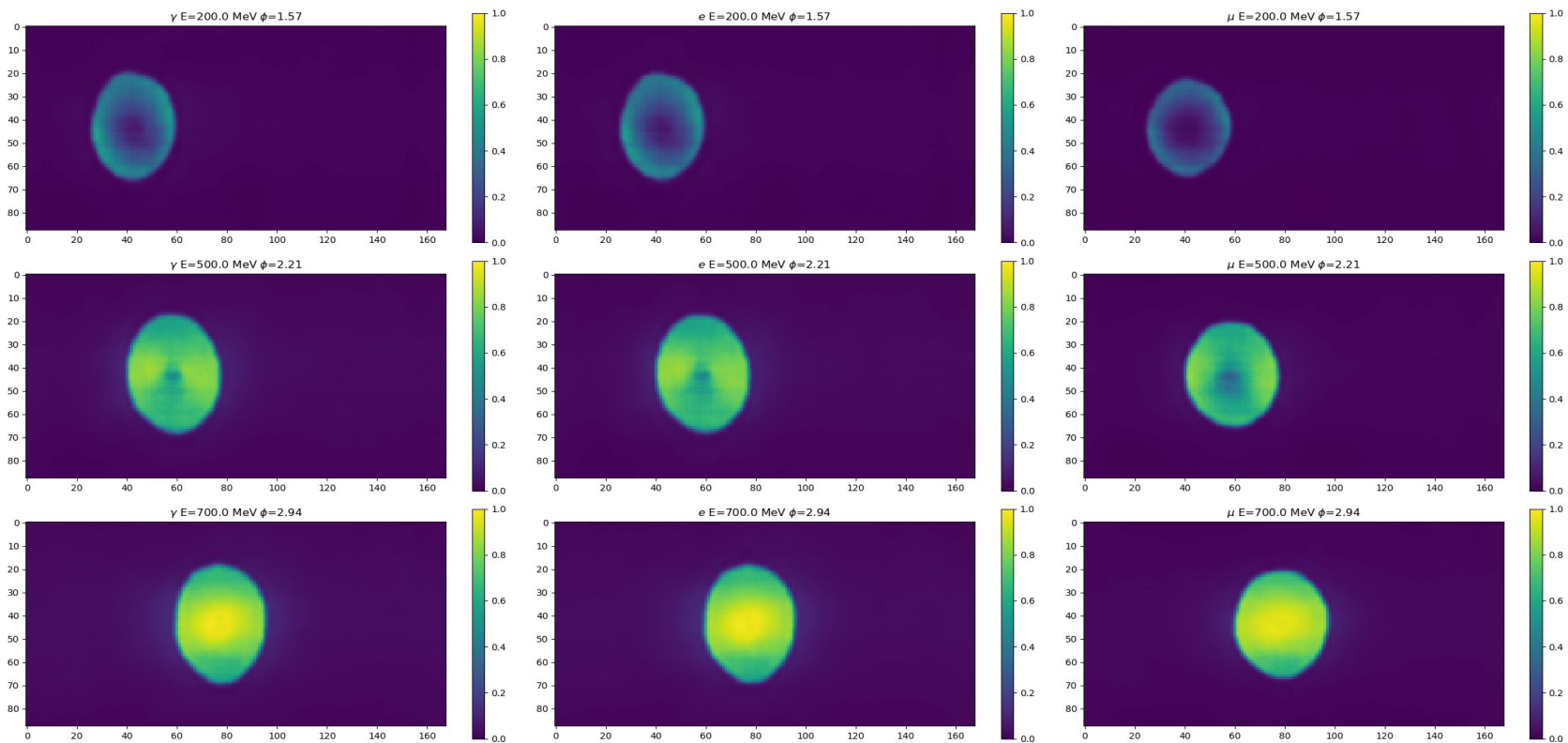
LeakyRelu(-0.01), Predicted Variance of Charge



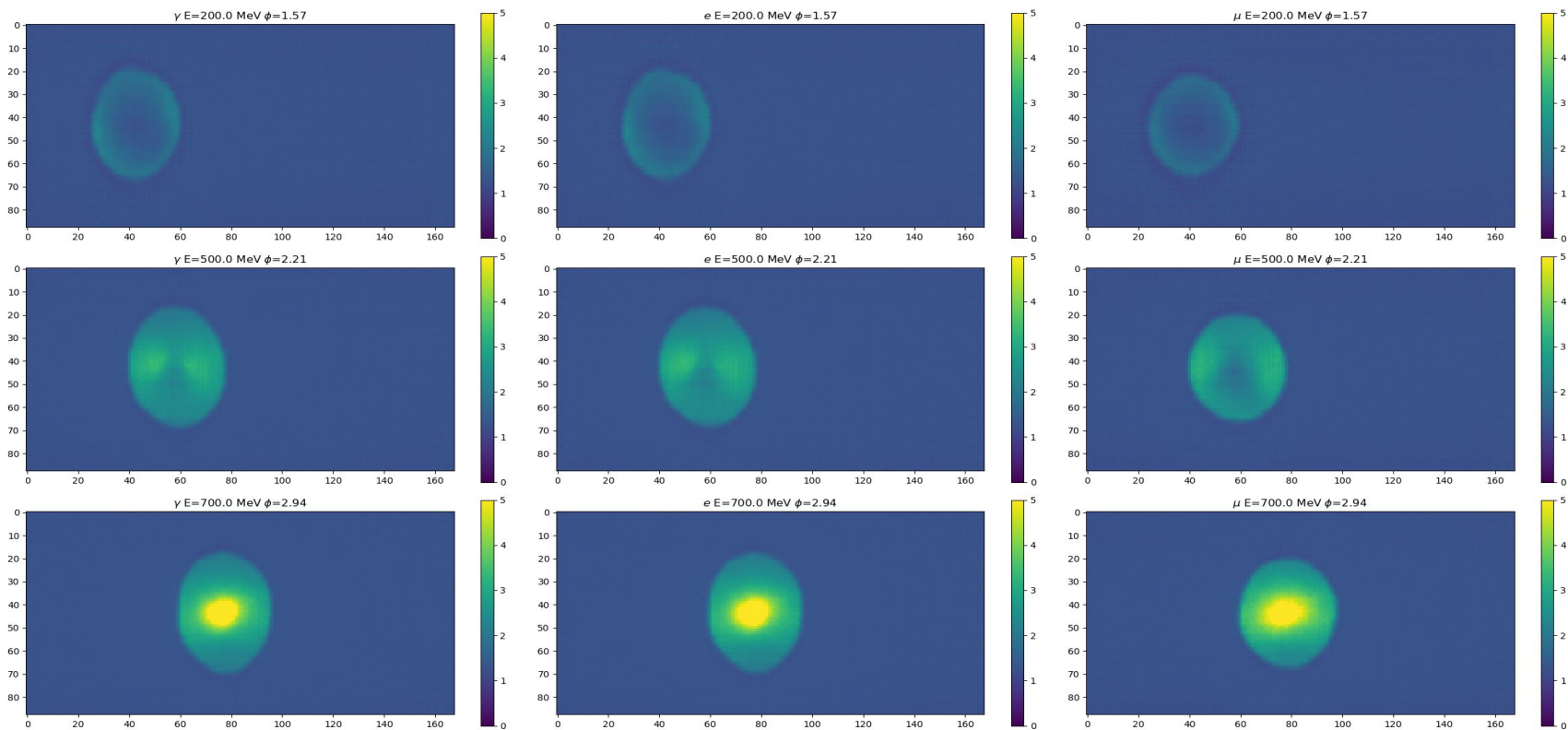
Node = 50, LeakyRelu(0.01), NoBatchNorm1D



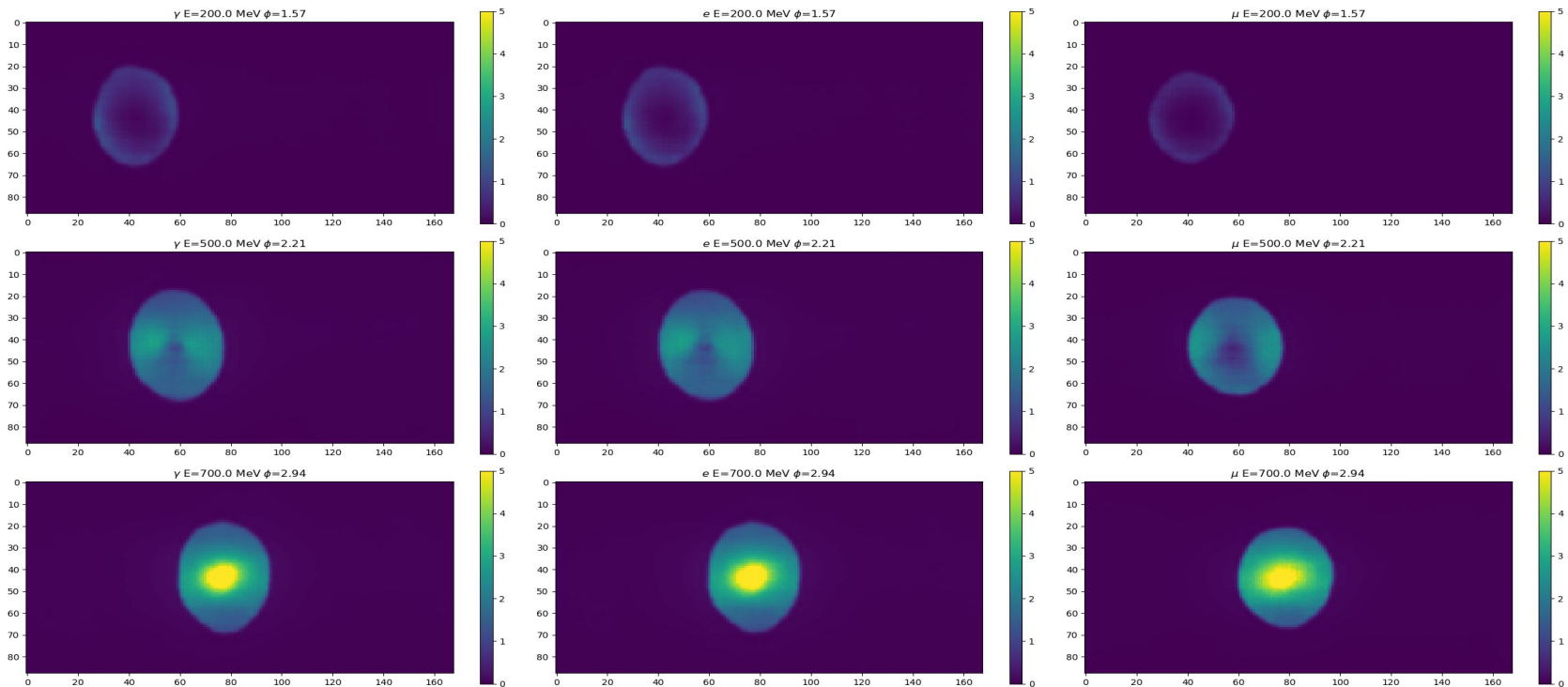
LeakyRelu(0.01), Predicted Hit Probability, NoBatchNorm1d



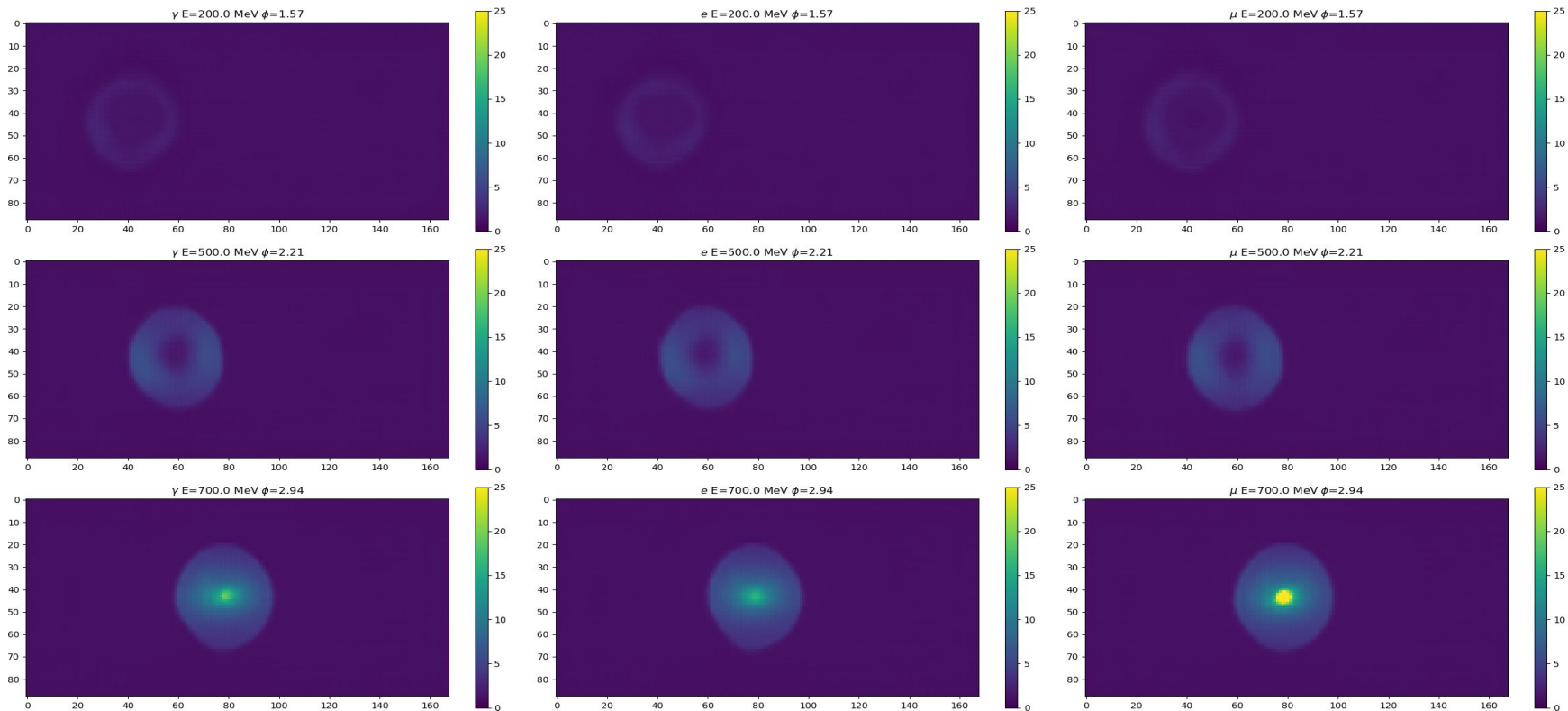
LeakyRelu(0.01), Predicted Charge, NoBatchNorm1D



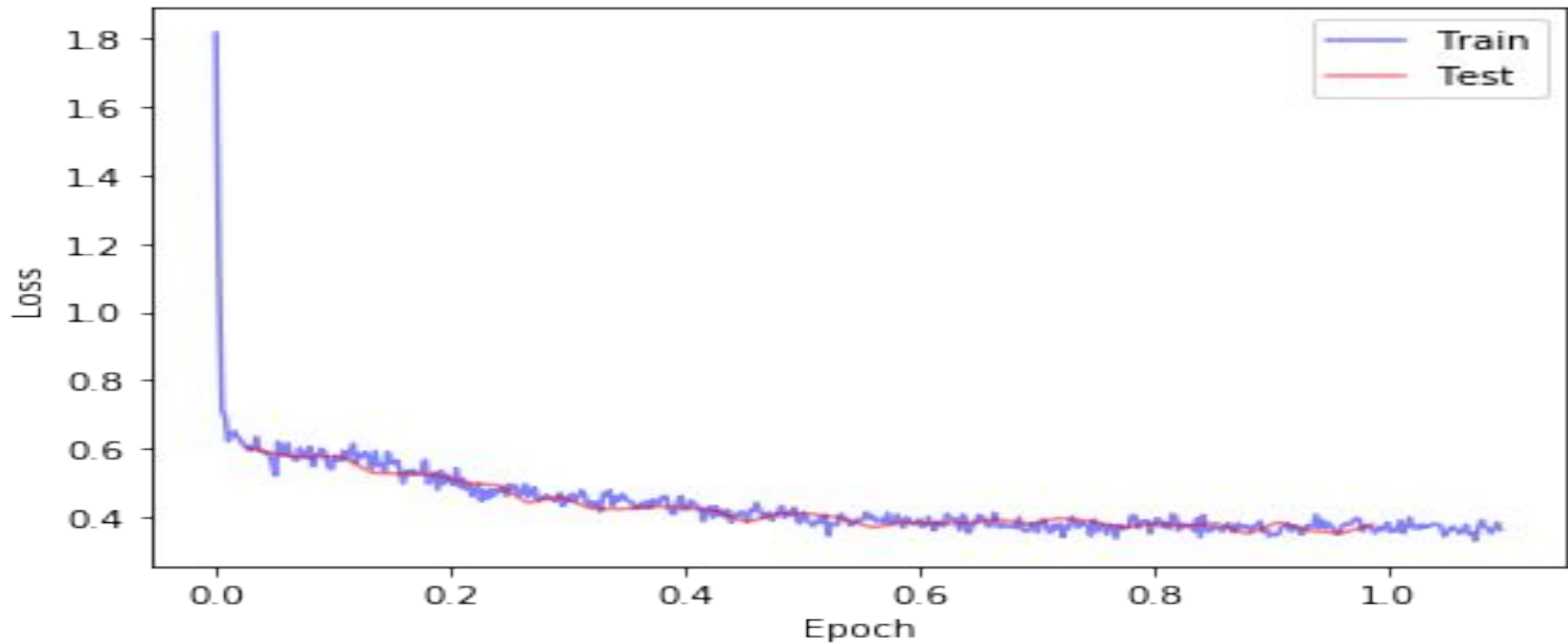
LeakyRelu(0.01), Expected mean charge (Predicted Charge X Predicted Hit Probability), NoBatchNorm1D



LeakyRelu(0.01), Predicted Variance of Charge, NoBatchNorm1D



Without BatchNorm1D



With BatchNorm1d

