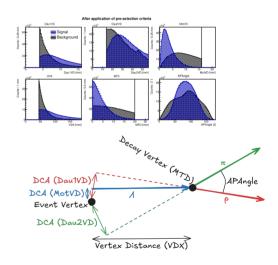
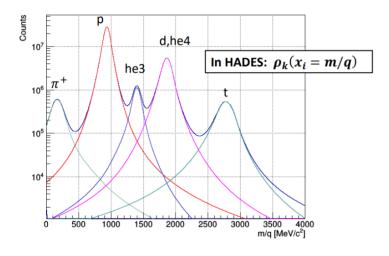


Decaying Particles



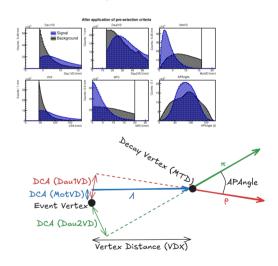
Multi-Layer Perceptron

Abundant Particles



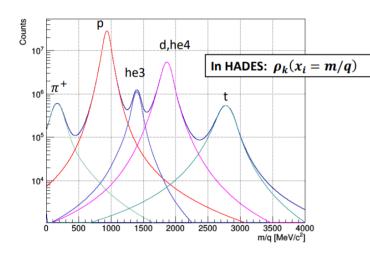
Bayesian Methods

Decaying Particles



Multi-Layer Perceptron

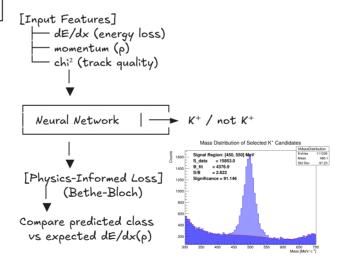
Abundant Particles



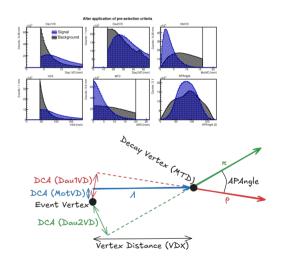
Bayesian Methods

Rare Particles????

Physics Informed Loss Function

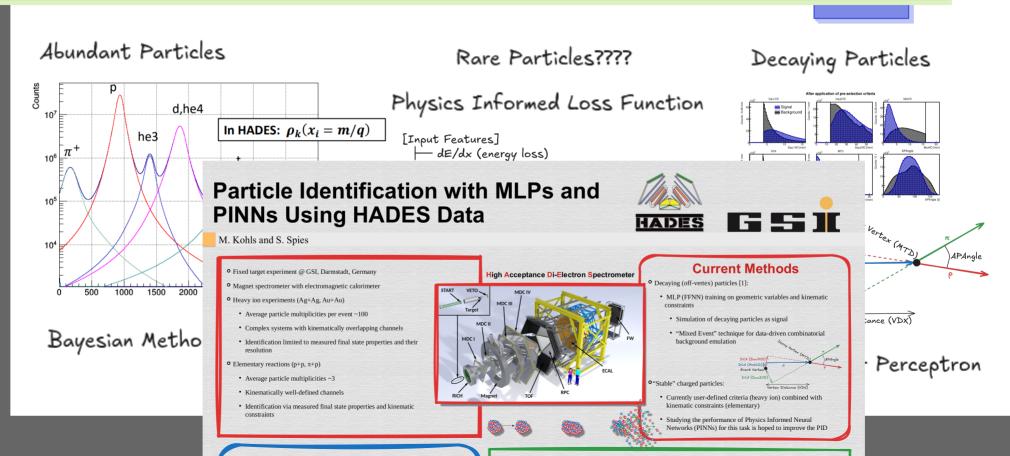


Decaying Particles



Multi-Layer Perceptron

PIDANN Setup



MLPs for Off-Vertex Particles