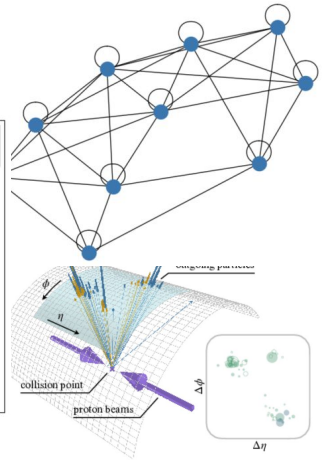
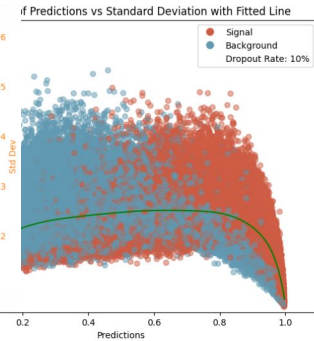
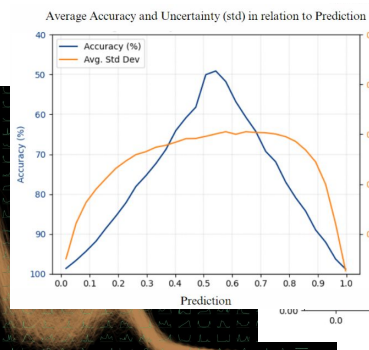
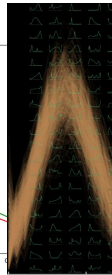
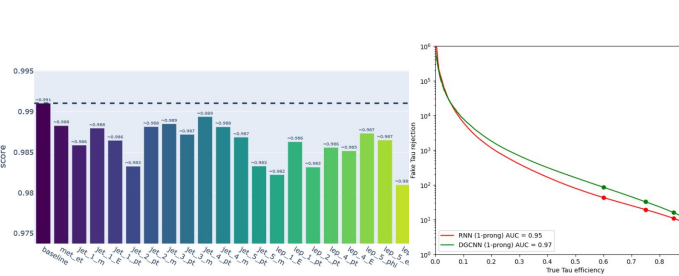


Future ML at HVL

Per-event uncertainty estimation through

- Monte Carlo dropout
- Mixture density networks
- Bayesian hybrid modelling

Robustness estimation through structurally conserving noise



Anomaly detection for new physics searches

- Novel input processing for autoencoders (graphs, deepsets, ...)