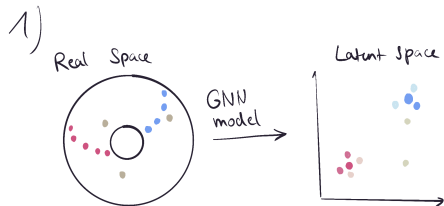


Graph Neural Network based Track Finding in the CDC

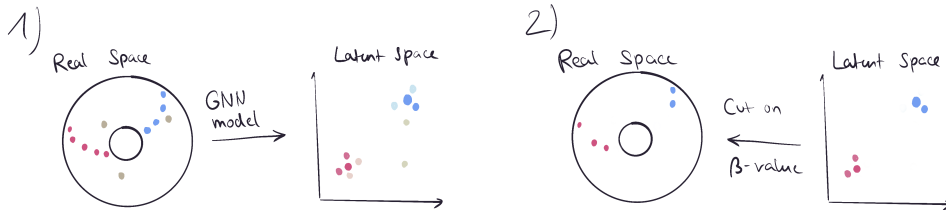
Lea Reuter, Torben Ferber, Slavomira Stefkova | Thursday 21st December, 2023



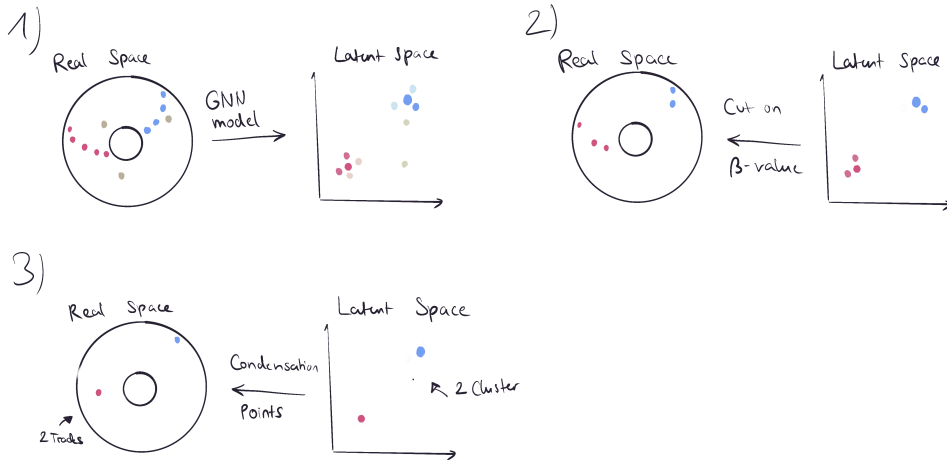
Object Condensation to Trackfinding



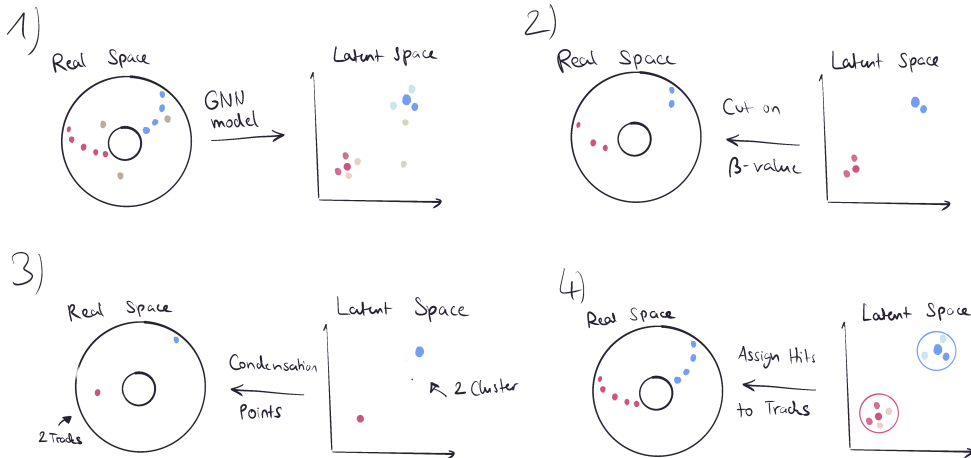
Object Condensation to Trackfinding



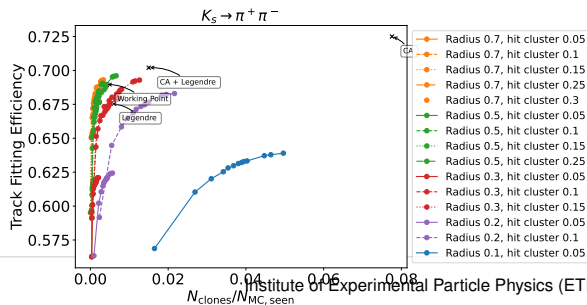
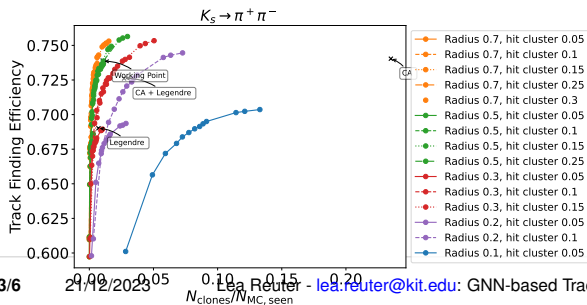
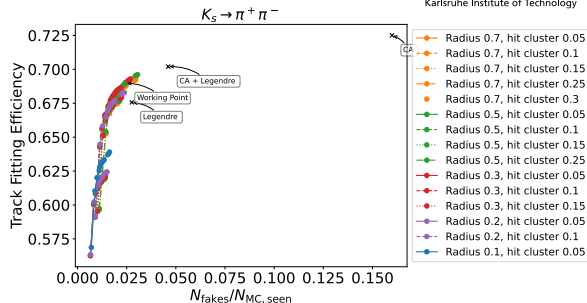
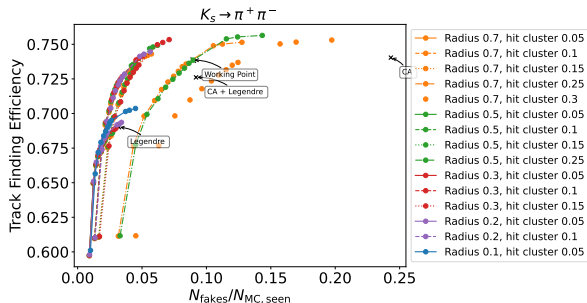
Object Condensation to Trackfinding



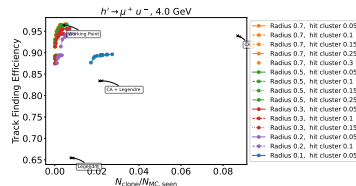
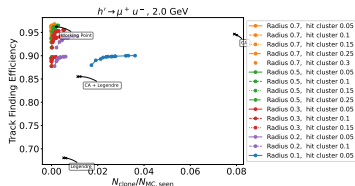
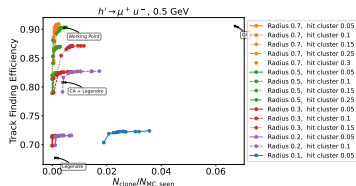
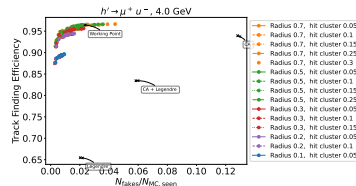
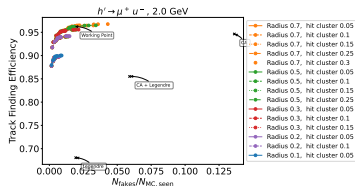
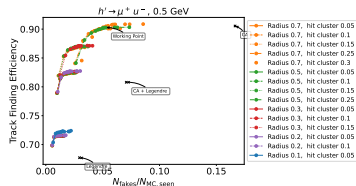
Object Condensation to Trackfinding



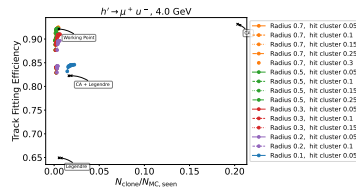
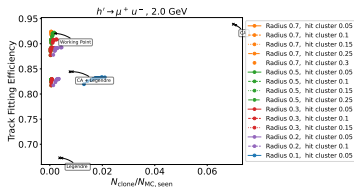
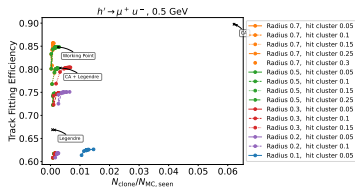
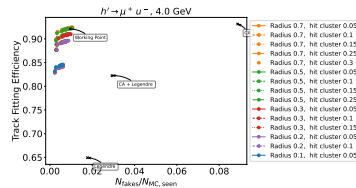
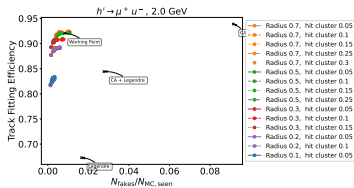
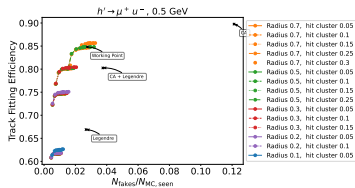
Updated Roc curves, only fit above 6 hits



DH Finding Efficiencies



DH Fitting Efficiencies



K_S 