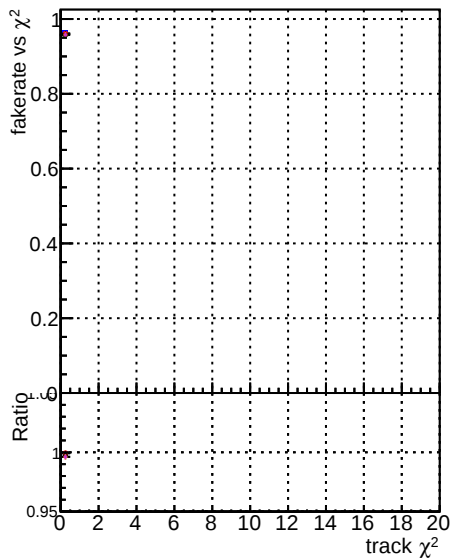
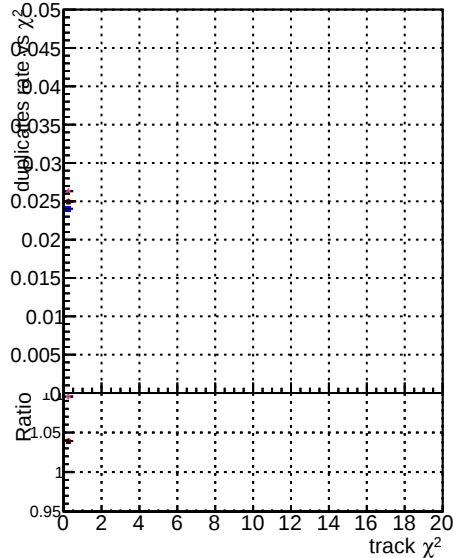


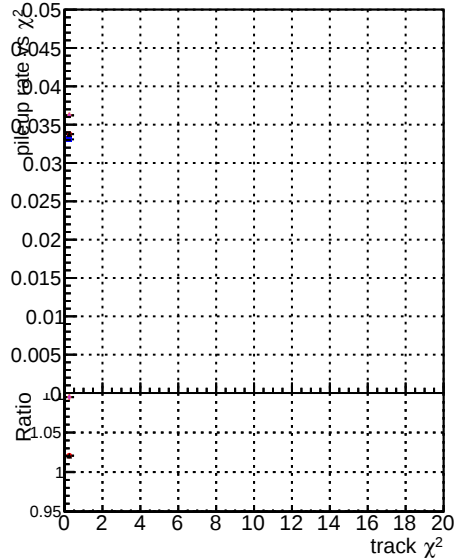
Fake rate vs normalized χ^2



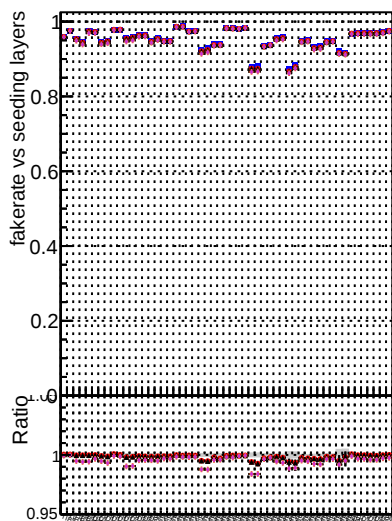
Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Model	DOMstep3	TT GKE default	TT GKE full	TT GKE less
DOMstep3	~0.85	~0.85	~0.85	~0.85
TT GKE default	~0.85	~0.85	~0.85	~0.85
TT GKE full	~0.85	~0.85	~0.85	~0.85
TT GKE less	~0.85	~0.85	~0.85	~0.85



The figure consists of two vertically stacked panels. The top panel, titled 'pileup rates vs seeding layers', plots the pileup rate (y-axis, 0.0 to 0.2) against the seeding layer number (x-axis, 0 to 18). Three data series are shown: L1 (blue), L2 (red), and L3 (green). The bottom panel, titled 'Ratio', plots the ratio of L1 to L2 and L1 to L3 rates (y-axis, 1.0 to 1.2) against the seeding layer number (x-axis, 0 to 18). Both panels include error bars and a shaded region representing the 1-sigma uncertainty.