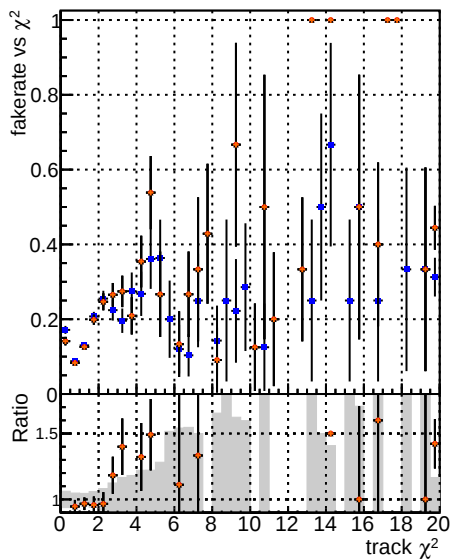
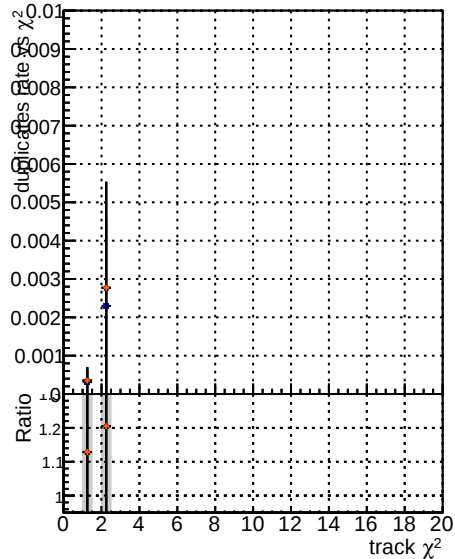


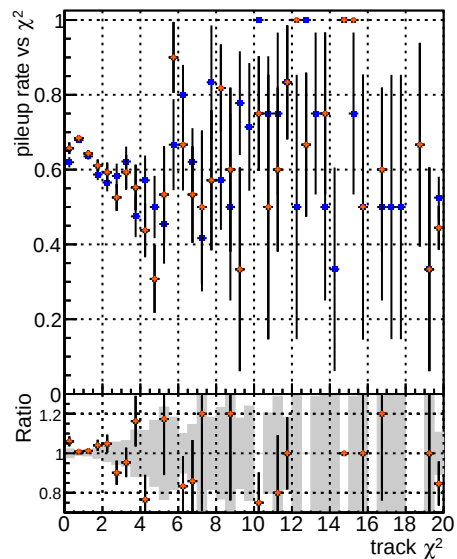
Fake rate vs normalized χ^2



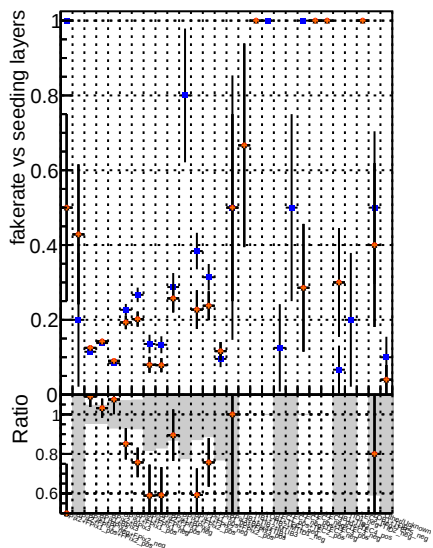
Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs. 



alpha	Ratio (PNC+BPNC)	Ratio (PNC+PNC_LDPS)
0.0	~0.001	~0.0005
0.5	~0.001	~0.001
1.0	~0.005	~0.005