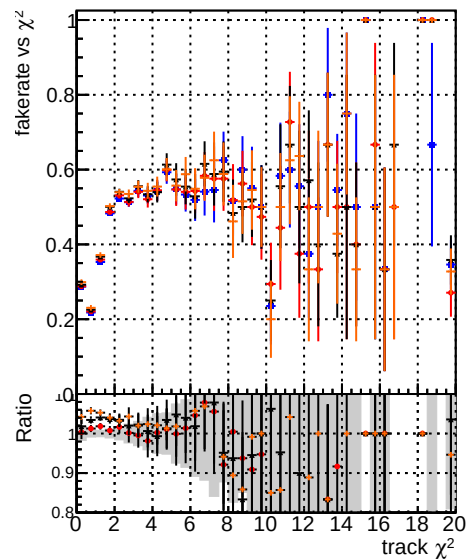
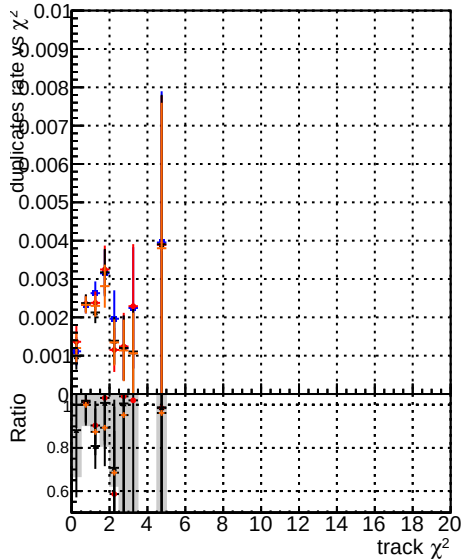


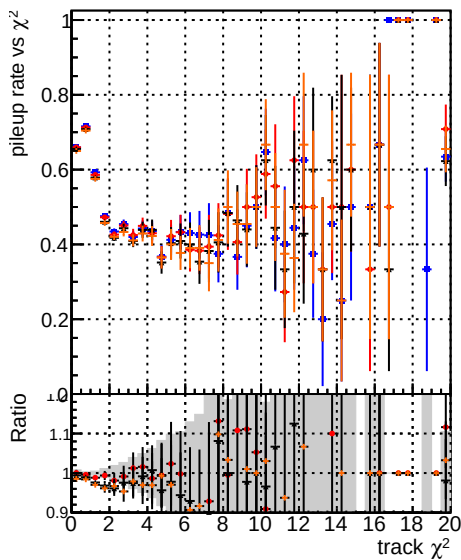
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.

wRejection5

fakrate vs seeding layers

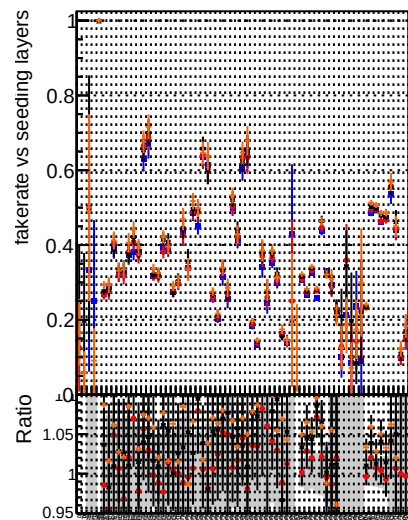
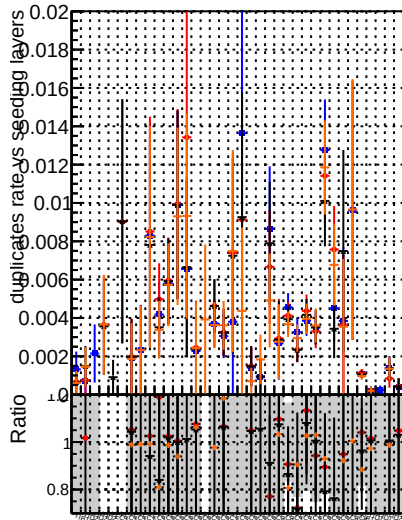


Figure 1 is a scatter plot with error bars showing the relationship between the number of seeding layers (x-axis) and the rates of seeding layers (y-axis). The x-axis ranges from 0 to 20, and the y-axis ranges from 0.08 to 0.02. There are four data series represented by different colors and markers: red circles, orange squares, blue triangles, and black diamonds. Each series shows a general downward trend as the number of seeding layers increases. The red series has the highest rates, while the black series has the lowest. Error bars are present for each data point.

Number of seeding layers	Red circles (rate)	Orange squares (rate)	Blue triangles (rate)	Black diamonds (rate)
2	0.015	0.012	0.010	0.009
4	0.014	0.011	0.009	0.008
6	0.013	0.010	0.008	0.007
8	0.012	0.009	0.007	0.006
10	0.011	0.008	0.006	0.005
12	0.010	0.007	0.005	0.004
14	0.009	0.006	0.004	0.003
16	0.008	0.005	0.003	0.002
18	0.007	0.004	0.002	0.001
20	0.006	0.003	0.001	0.000



pileup rate vs seeding layers

