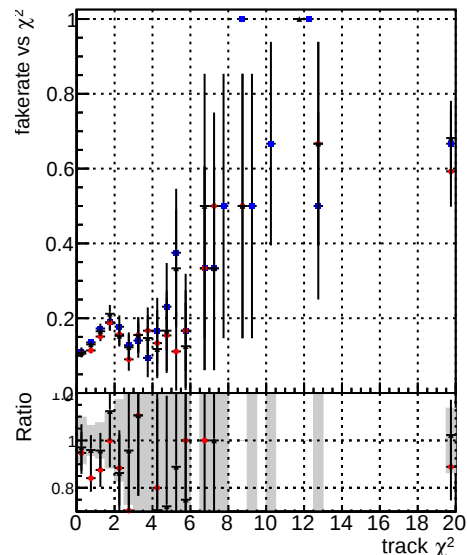
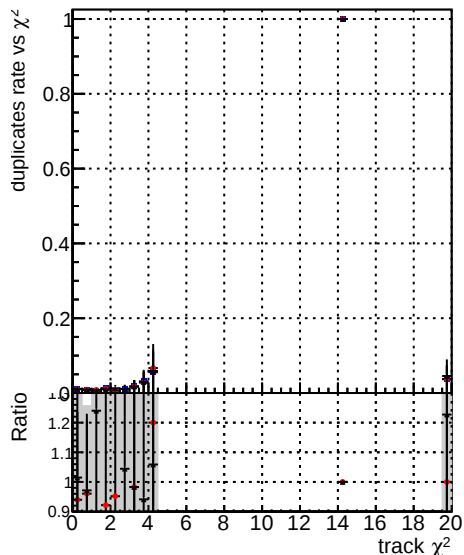


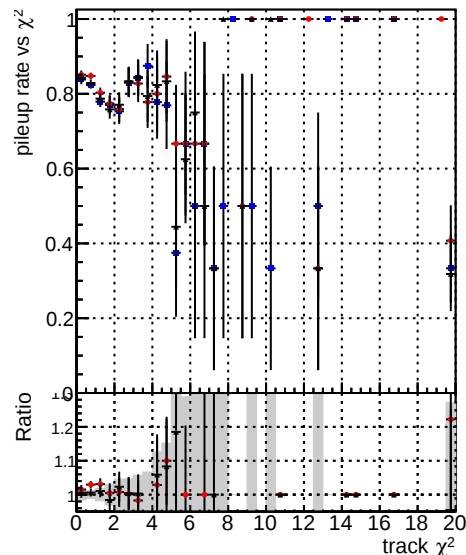
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs. DOM TT original time2
DOM TT modified time2
DOM TT modified IN1 time2

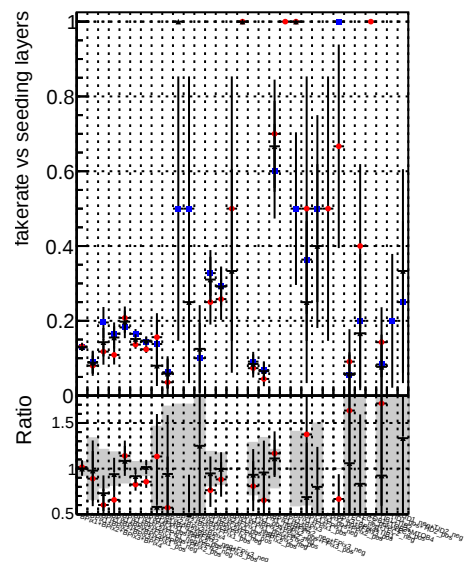


Figure 1 consists of two panels. The top panel shows the ratio of duplicate rates between seeding layers 1 and 2, and the bottom panel shows the ratio of duplicate rates between seeding layers 2 and 3. The x-axis represents the seeding layer combination, and the y-axis represents the ratio. The plot includes data points with error bars and shaded regions representing the uncertainty.

Seeding Layer Combination	Ratio (approx.)	Error (approx.)
FPu1+BPu2+FPu3+BPu4	0.0175	±0.0025
FPu1+FPu3_pos+FPu2_pos+FPu3_pos	0.0042	±0.0015
FPu1+FPu3_neg+FPu2_neg+FPu3_pos	0.0175	±0.0025