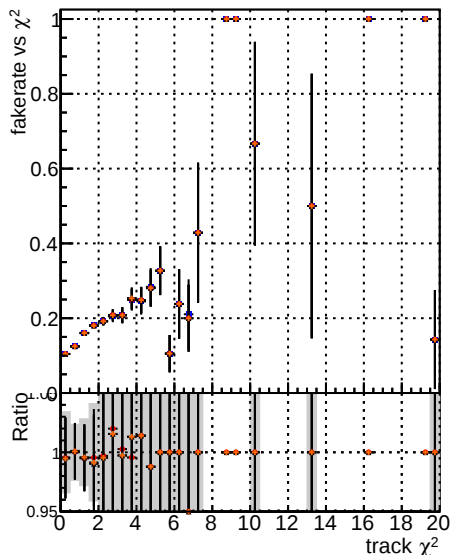
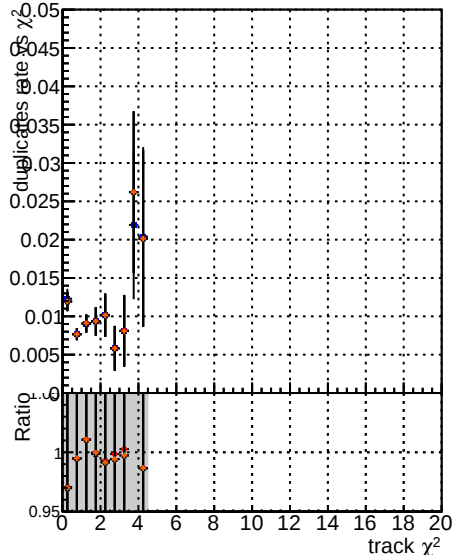


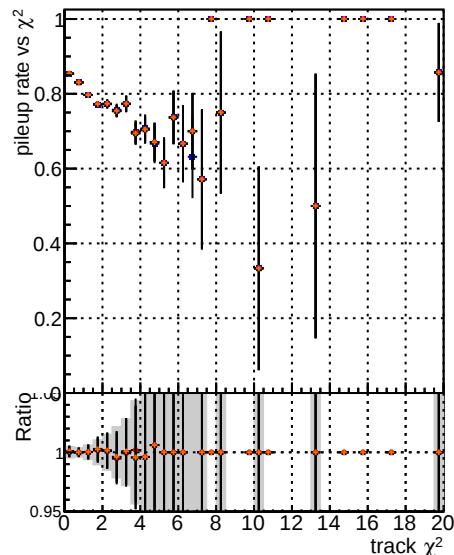
Fake rate vs normalized χ^2



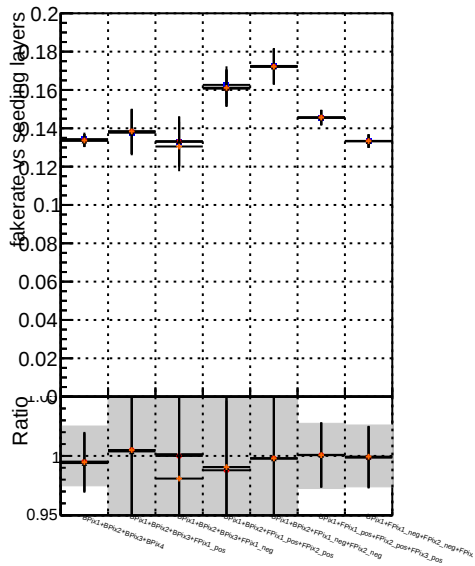
Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.  DOM mkFit T Original BEW IMP

[illegible]

The figure consists of two vertically stacked plots sharing a common x-axis representing different seeding layer configurations.

- Top Plot:** The y-axis is labeled "pileup rate vs seeding layers" and ranges from 0.6 to 1.0. It displays black circular data points with vertical error bars. A solid horizontal line is drawn at approximately 0.82, and a dashed horizontal line is at 0.8. Shaded gray regions are present around the data points.
- Bottom Plot:** The y-axis is labeled "Ratio" and ranges from 0.95 to 1.0. It displays black circular data points with vertical error bars. A solid horizontal line is drawn at 1.0, and a dashed horizontal line is at approximately 0.97. Shaded gray regions are also present here.

The x-axis labels for both plots are: BPu1+BPu2+BPu3+BPu4, BPu1+BPu2+BPu3+FPu1_pos, BPu1+BPu2+BPu3+FPu1_neg, BPu1+BPu2+FPu1_pos+FPu2_pos, BPu1+BPu2+FPu1_pos+FPu2_neg, BPu1+FPu1_pos+FPu2_pos+FPu3_pos, and BPu1+FPu1_pos+FPu2_pos+FPu3_neg.