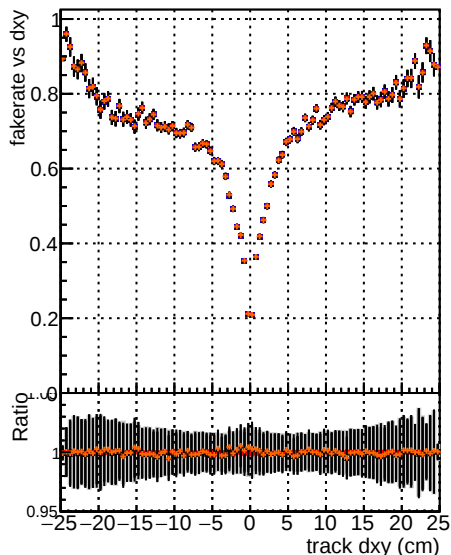
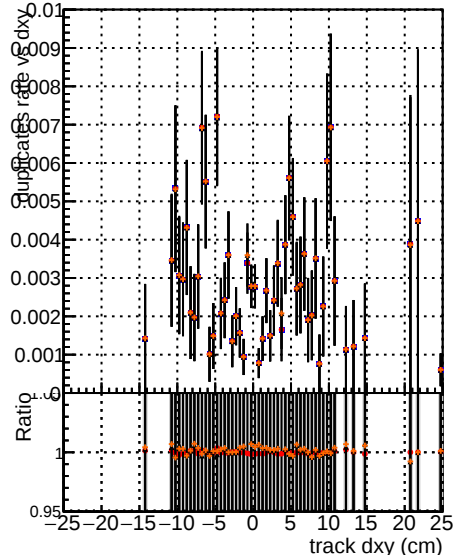


### Fake rate vs dxy



### Duplicates Rate vs Dxy



### Pileup rate vs dxy

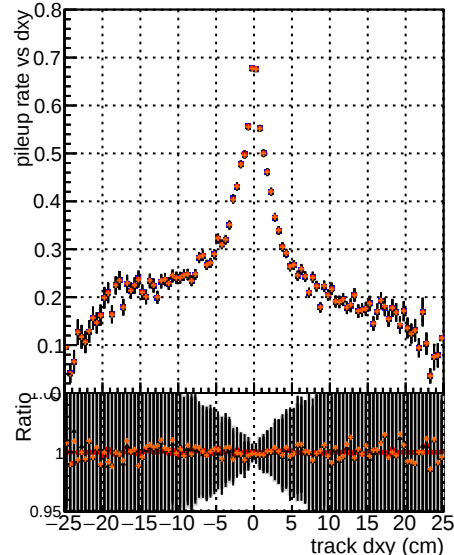
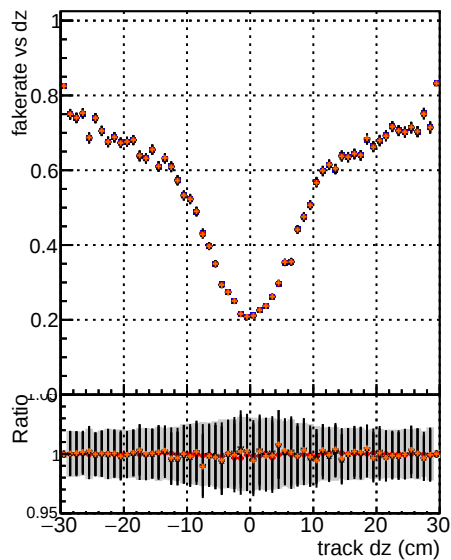
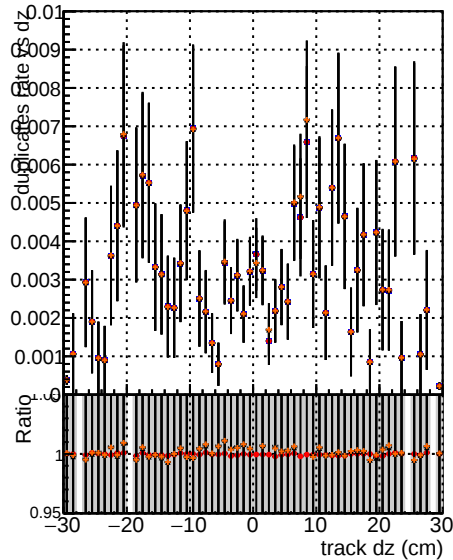


Figure 1: Fake rate vs d. The plot shows the fake rate (y-axis, 0 to 1) versus the parameter d (x-axis, 0 to 100). The legend indicates five data series: DOM V0001 (blue square), DOM V0001 R000000000001 (red circle), Global mkFit original (green triangle), Global mkFit new (black diamond), and original (grey plus). The 'original' series shows a high fake rate (around 0.8) that decreases as d increases. The other series show much lower fake rates, generally below 0.2.



al — mkFit original  
al — mkFit pless  
al — mkFit hott  
al — mkFit new



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