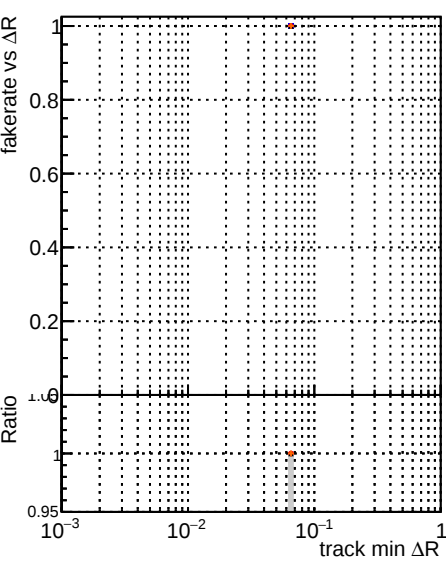


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



Fake rate vs

DOM Xi

DOM Xi

DOM Xi

DOM Xi

original PU

trainOnXi2

trainOnXi2

trainOnXi2

3PU

3PU

3PU

3PU

A log-log plot showing the fake rate (Ratio) on the y-axis (0.95 to 1.0) versus $\Delta R(\text{track, jet})$ on the x-axis (10^{-3} to 10^{-1}). A horizontal line is at Ratio = 1.0. Data points are clustered near the zero line.

A log-log plot showing the duplicates rate (Ratio) on the y-axis (0 to 0.01) versus $\Delta R(\text{track, jet})$ on the x-axis (10^{-3} to 10^{-1}). A horizontal line is at Ratio = 0. Data points are clustered near the zero line.

A log-log plot showing the pileup rate (Ratio) on the y-axis (0 to 0.01) versus $\Delta R(\text{track, jet})$ on the x-axis (10^{-3} to 10^{-1}). A horizontal line is at Ratio = 0. Data points are clustered near the zero line.

Fake rate vs pu

A linear plot showing the fake rate (Ratio) on the y-axis (0.95 to 1.0) versus Pileup on the x-axis (50 to 80). A horizontal line is at Ratio = 1.0. A red data point is at Pileup = 70 with a Ratio of 1.0. A grey shaded region is centered around this point.

Duplicates Rate vs pu

A linear plot showing the duplicates rate (Ratio) on the y-axis (0 to 0.01) versus Pileup on the x-axis (0 to 250). A horizontal line is at Ratio = 0. Data points are clustered near the zero line.

Pileup rate vs pu

A linear plot showing the pileup rate (Ratio) on the y-axis (0 to 0.01) versus Pileup on the x-axis (0 to 250). A horizontal line is at Ratio = 0. Data points are clustered near the zero line.