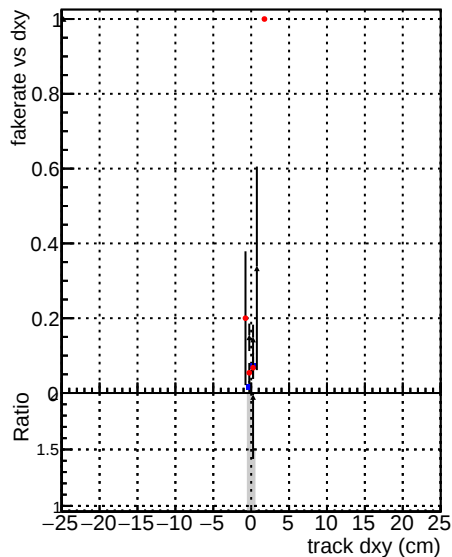


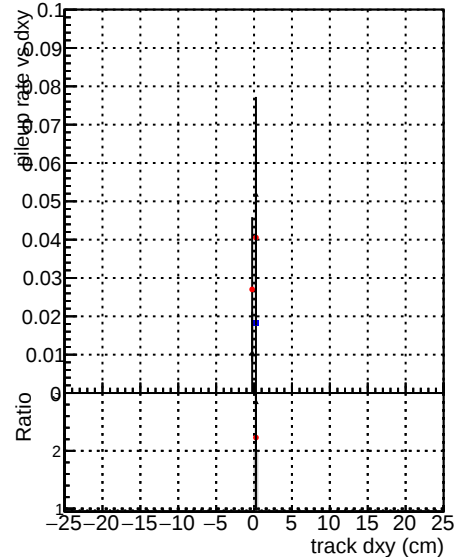
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs dz

DOMstep3 DisplacedSUSY CKF

DOMstep3 DisplacedSUSY default

DOMstep3 DisplacedSUSY default NEWT

Plot of Fake rate vs dz. The y-axis is labeled 'fakrate vs dz' and 'Ratio', ranging from -2 to 1.0. The x-axis is labeled 'track dz (cm)', ranging from -30 to 30. Data points are clustered around 0 cm, with a peak at approximately 0.5 cm reaching a ratio of 1.0. A vertical line is drawn at 0 cm.

Plot of Duplicates Rate vs Dz. The y-axis is labeled 'duplicates rate vs dz' and 'Ratio', ranging from -0.5 to 0.01. The x-axis is labeled 'track dz (cm)', ranging from -30 to 30. Data points are clustered around 0 cm, with a peak at approximately 0.5 cm reaching a ratio of 0.01. A vertical line is drawn at 0 cm.

Plot of Pileup rate vs dz. The y-axis is labeled 'pileup rate vs dz' and 'Ratio', ranging from -1 to 0.2. The x-axis is labeled 'track dz (cm)', ranging from -30 to 30. Data points are clustered around 0 cm, with a peak at approximately 0.5 cm reaching a ratio of 0.12. A vertical line is drawn at 0 cm.