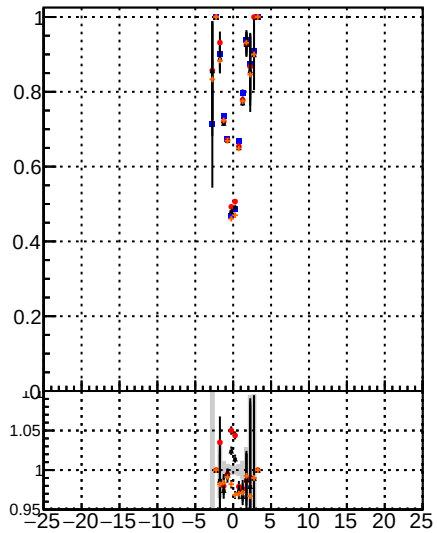
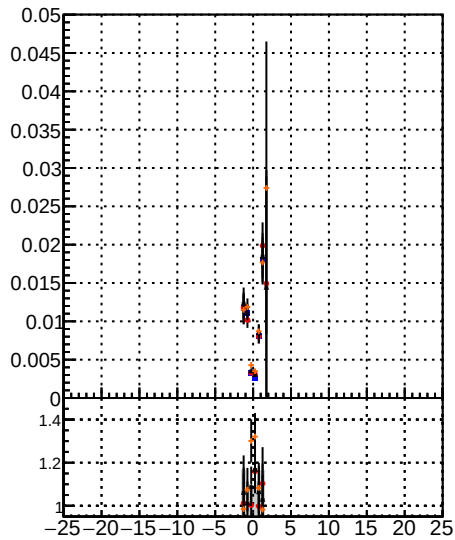


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

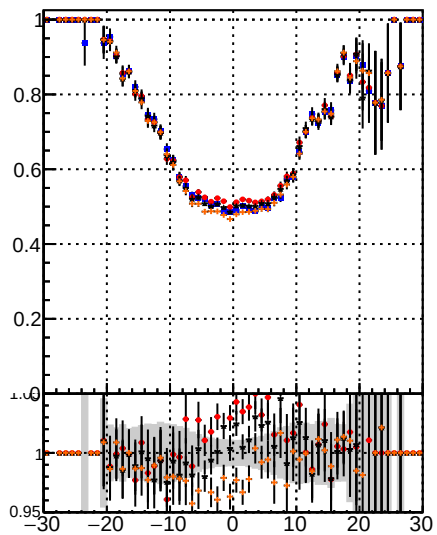
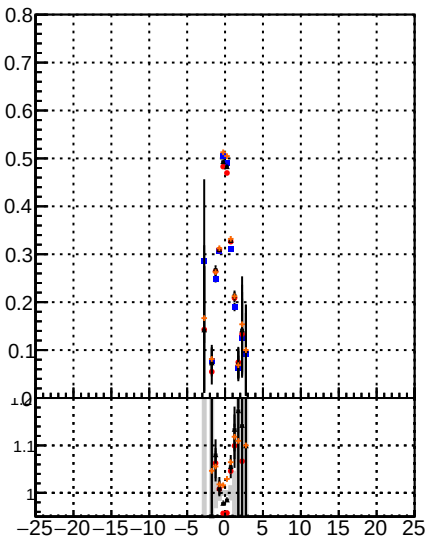


Figure 1 consists of two panels. The top panel shows the transmission T as a function of redshift z . The x-axis ranges from -30 to 30, and the y-axis ranges from 0.0 to 0.8. Data points from various studies are plotted, showing a peak in transmission around $z \approx 0$. A solid line represents the best-fit model. The bottom panel shows the transmission T as a function of redshift z . The x-axis ranges from -30 to 30, and the y-axis ranges from 0.95 to 1.05. Data points from various studies are plotted, showing a dip in transmission around $z \approx 0$. A solid line represents the best-fit model.