

Figure 1 consists of two panels. The top panel is a log-linear plot of the ratio of tracking particles versus the transverse position (TP dxy(PV) in cm). The y-axis is labeled 'Ratio' and ranges from 0.95 to 10⁵ on a logarithmic scale. The x-axis is labeled 'TP dxy(PV) (cm)' and ranges from -1 to 1. The plot shows data points for 'DQM_V0001_R000000001' (black circles) and 'Global mkFit' (red squares). The ratio is generally close to 1.0, with some fluctuations. A vertical dashed line is drawn at TP dxy(PV) = 0 cm. The bottom panel is a linear plot of the ratio versus the transverse position (TP dxy(PV) in cm). The y-axis is labeled 'Ratio' and ranges from 0.95 to 1.0. The x-axis is labeled 'TP dxy(PV) (cm)' and ranges from -1 to 1. The plot shows data points for 'DQM_V0001_R000000001' (black circles) and 'Global mkFit' (red squares). The ratio is generally close to 1.0, with some fluctuations. A vertical dashed line is drawn at TP dxy(PV) = 0 cm.