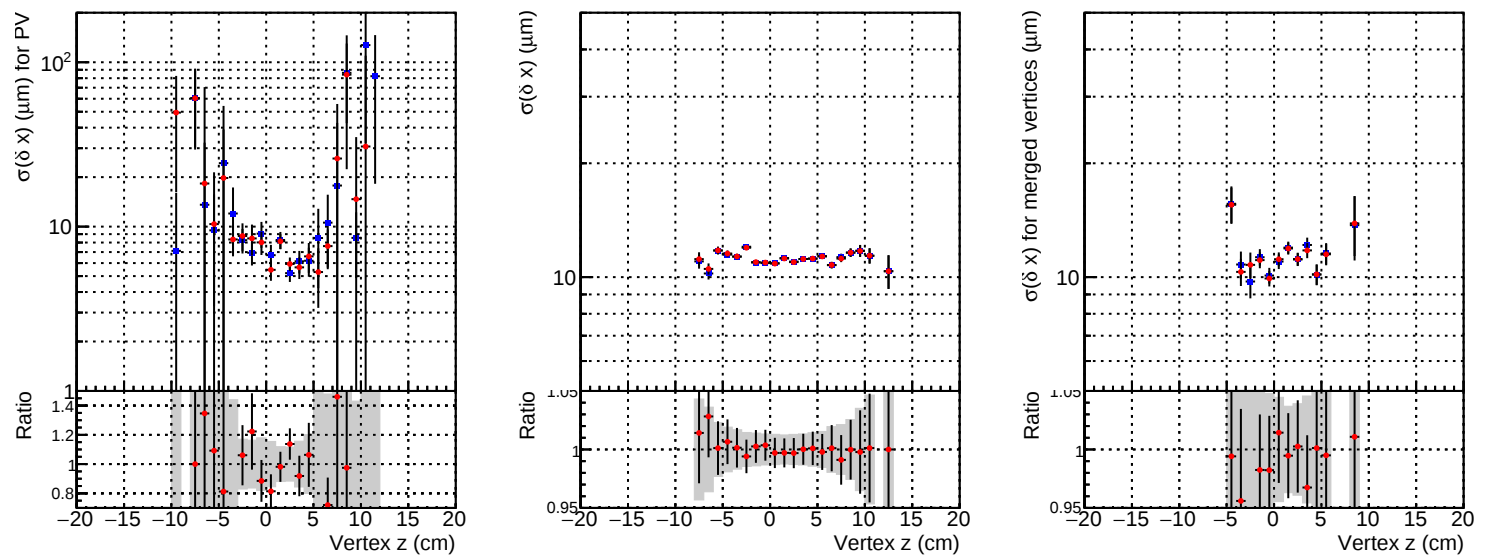




Legend:

- $\sigma(\delta x)$ for PV: $\sigma(\delta x)$ (in μm) versus Vertex z (in cm). The y-axis is logarithmic, ranging from 1 to 100. The x-axis ranges from -20 to 20 cm. The plots show data for PV (left) and merged vertices (right). The middle plot shows $\sigma(\delta x)$ for merged vertices. The bottom plot shows the Ratio of $\sigma(\delta x)$ for merged vertices, ranging from 0.95 to 1.05.
- $\sigma(\delta x)$ for merged vertices: $\sigma(\delta x)$ (in μm) versus Vertex z (in cm). The y-axis is logarithmic, ranging from 1 to 100. The x-axis ranges from -20 to 20 cm. The plots show data for PV (left) and merged vertices (right). The middle plot shows $\sigma(\delta x)$ for merged vertices. The bottom plot shows the Ratio of $\sigma(\delta x)$ for merged vertices, ranging from 0.95 to 1.05.
- Ratio: Ratio of $\sigma(\delta x)$ for merged vertices, ranging from 0.95 to 1.05.

