CMS Preliminary, 19.8 fb$^{-1}$ at $\sqrt{s} = 8$ TeV

The figure shows a comparison of tracks per 10 $\mu$m for different event categories:

- **Data**

- **b quark**

- **c quark**

- **uds quark or gluon**

The plot is divided into two sections:

1. **Tracks / 10 $\mu$m**
   - Logarithmic scale on the y-axis
   - Linear scale on the x-axis

2. **Data/MC**
   - Linear scale on the y-axis
   - Linear scale on the x-axis

The graph illustrates the distribution of tracks per 10 $\mu$m for enriched samples, with data points showing a clear distinction between different categories.

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3D IP uncertainty [cm]