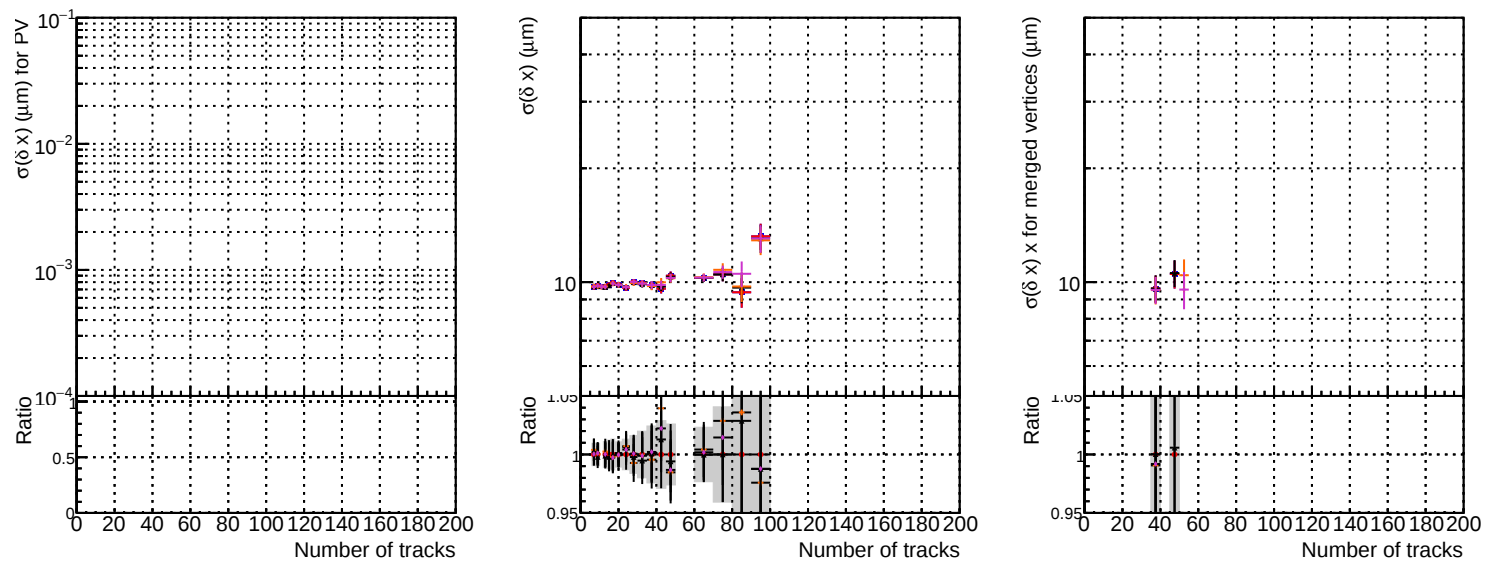




Legend for the plots:

- Blue line with dots: BQM original
- Red line with dots: BQM original vector
- Orange line with dots: BQM hit
- Black line with dots: BQM hit
- Purple line with dots: BQM hit

