In-time vertexing with INTT (Final plots for ITTF)

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Number of In-time Event vertices





of vertices tagged as out-of-time

Rejection factor = $\frac{1}{\text{# of true out-of-time vertices outside [-20ns,80ns] time window}}$

Out-of-time vertex rejection factor



3

Rejection factor = $\frac{\# \text{ of vertices tagged as out-of-time}}{\# \text{ of true out-of-time vertices outside [-20ns,80ns] time window}}$

Out-of-time vertex rejection factor



Rejection factor = # of vertices correctly tagged as in-time/out-of-time # of true event vertices within [-2000ns,2000ns] time window Vertex timing purity



```
Rejection factor = 
# of vertices correctly tagged as in-time/out-of-time
# of true event vertices within [-2000ns,2000ns] time window
Vertex timing purity
```



Number of event vertices

