

IDAG comments by Paul Grannis

Note: there are extracted by Andy and Marcel on a commented Draft by Paul

- [Vertex](#)
- [Tracker](#)

Vertex

- 1) pp22-23 there is a discrepancy of 50-100 vs. 80-100 in duty factor
- 2) Table 2.2.1 Paul would like to see lengths for the barrel layers and suggests a plot of Si layers hit vs. theta
- 3) Paul suggests combining Figs 2.1.1 and 2.2.1
- 4) 2.3.3 last paragraph - we need to clarify nomenclature "barrel", "F-B", "large z",...
- 5) Section 2.4.3 - can we give $\Delta(T)$ over the cycle of beam on/off?

Tracker

- 1) Does Fig 3.3.1 add anything beyond Fig 3.2.1 ?
- 2) 3.3.1 first paragraph - is it necessary to expose this dirty laundry?
- 3) 3.4 What is "pile-up" in the context of single bunch time stamping? (g-g overlay + $\mu + n$?) "pile-up" will confuse PP people!
- 4) Fig 3.4.1 right - odd behavior at 40 deg - origin?
- 5) 3.4.1 What is the impact from inefficiency of high Pt, low theta tracks on PFA?
- 6) 3.4.2 also here - what is effect on PFA?