## Occupancy for SiVertexBarrel wrt to tot # cells Layer\_0\_numcells Number of cells **Entries = 1017113** 10 Layer\_1\_numcells $10^{-2}$ **Entries = 325321** 10<sup>-3</sup> Layer\_2\_numcells **Entries = 129374** 10 Layer\_3\_numcells 10<sup>-5</sup> **Entries = 50789** $10^{-6}$ Layer\_4\_numcells $10^{-7}$ **Entries = 28776** $10^{-8}$ $10^{-9}$

20

25

30

15

5

10

Number of hits per cell

40

35