## Number of dead cells for a given buffer depth for SiVertexBarrel Layer\_0\_deadcells Number of dead cells 10<sup>-2</sup> **Entries = 964541** 10<sup>-3</sup> Layer\_1\_deadcells **Entries = 327838** $10^{-4}$ Layer\_2\_deadcells $10^{-5}$ **Entries = 136291** Layer\_3\_deadcells 10<sup>-6</sup> **Entries = 51817** $10^{-7}$ Layer\_4\_deadcells **Entries = 30106** 10<sup>-8</sup> $10^{-9}$ 15 30 35 10 Assumend buffer depth