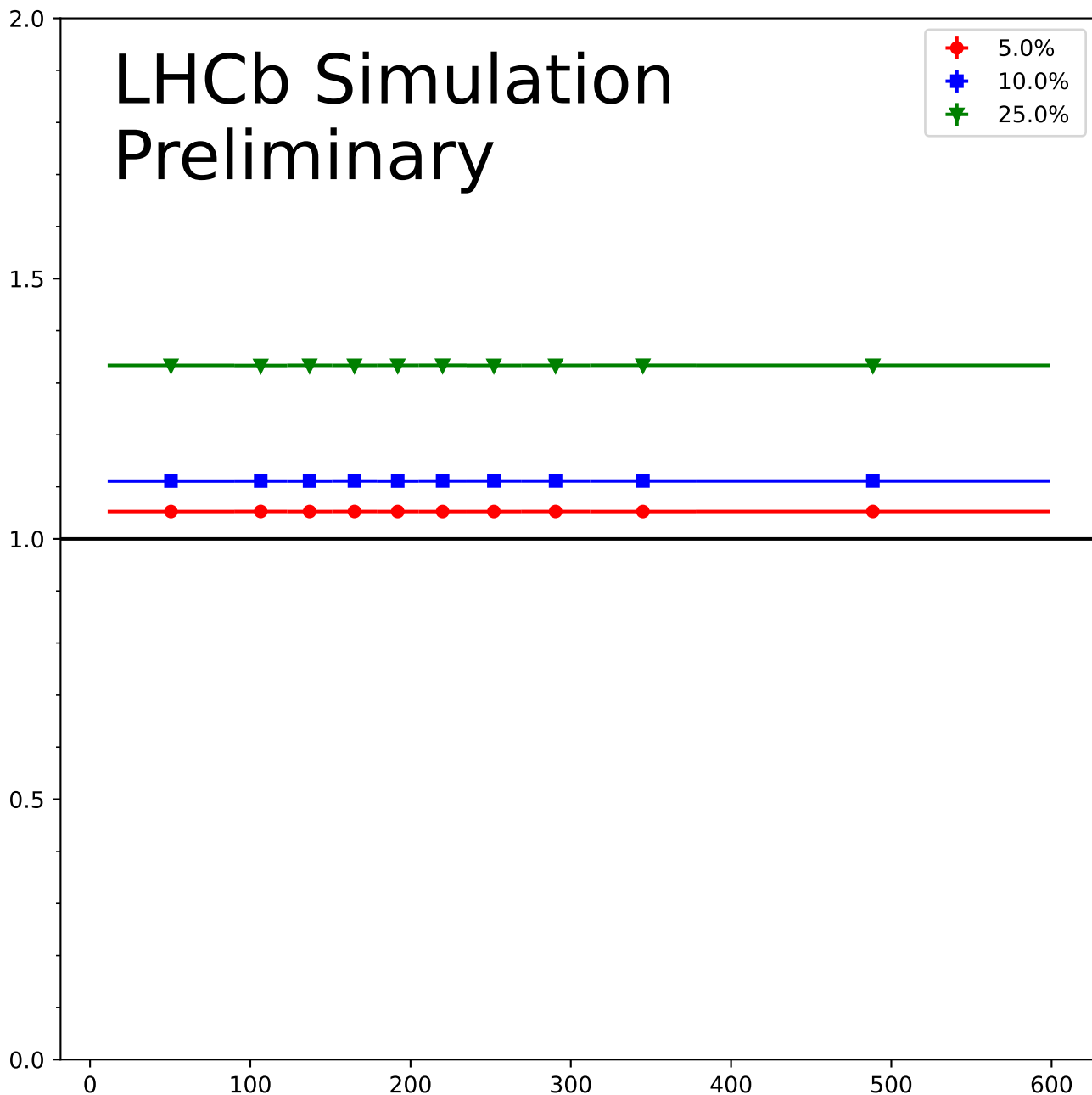
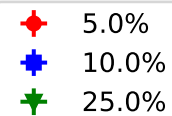


**RichDLLmu efficiency ratio**

**LHCb Simulation  
Preliminary**



**nSPDhits**