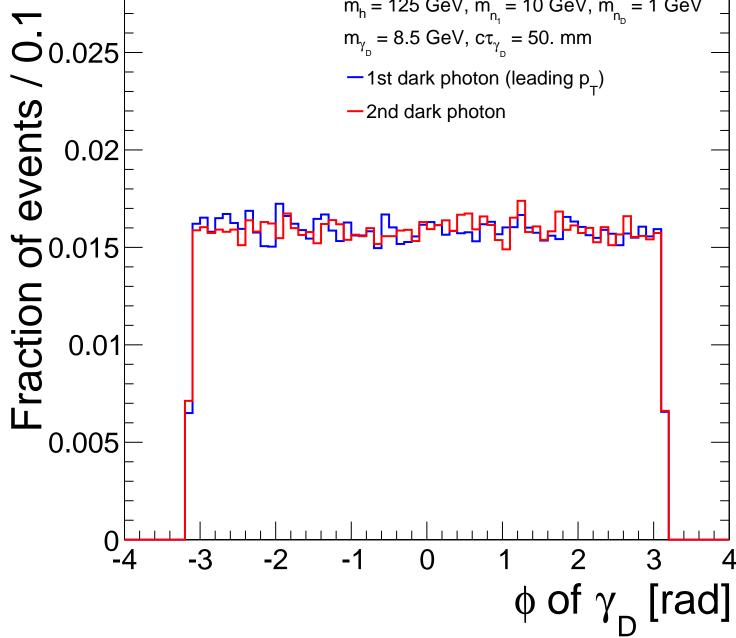
CMS Simulation (LHE) 13 TeV  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$  $m_{\gamma_{\scriptscriptstyle D}} = 8.5 \text{ GeV}, \ c\tau_{\gamma_{\scriptscriptstyle D}} = 50. \ mm$ 1st dark photon (leading p<sub>T</sub>) 2nd dark photon 



0.03