CMS Simulation (LHE) 13 TeV 0.03 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ of events / 0.12 $m_{\gamma_{D}} = 1.0 \text{ GeV}, c\tau_{\gamma_{D}} = 10. \text{ mm}$ —1st μμ (leading p₊) **-2nd** μμ 0.01 0.005

Fraction

φ of μμ [rad]