## CMS Simulation (LHE) 13 TeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_2} = 0.4 \text{ GeV}, c\tau_{\gamma_2} = 10. \text{ mm}$ 1st muon (leading p<sub>T</sub>) 2nd muon .... 1st electron 2nd electron

0.03

of events / 0.12 0.025 0.015

Fraction

0.01

0.005

3 -2 -1 0 1 2 3 4 **φ of Leptons [rad]**