CMS Simulation (LHE) 13 TeV  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ Fraction of events / 1 GeV  $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_h} = 1 \text{ GeV}$ 0.3  $m_{\gamma_c}$  = 0.4 GeV,  $c\tau_{\gamma_c}$  = 100 mm - 1st muon (leading p<sub>\_</sub>) - 2nd muon - 3rd muon 0.25 4th muon 0.2 0.15 0.1 0.05 20 40 60 80 100 120  $|p_{z}|$  of  $\mu$  [GeV]