CMS Simulation (LHE) 8 TeV Fraction of events / 1 Ge\ $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ 0.3 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ m_{γ_0} = 0.250 GeV, $c\tau_{\gamma_0}$ = 0.2 mm 1st muon (leading p_T)2nd muon 0.25 3rd muon 4th muon 0.2 0.15 0.1 0.05 <u>लामिन एक उर्जा मिन्नुनारी ते स्वर्धितीय स्वर्धितीय व</u> 60 40 80 100 120 of μ [GeV]