Jet energy fraction vs. p$_T$ (GeV) for CMS simulation at 8 TeV. The graph shows the distribution of various hadron fractions as a function of jet energy fraction and p$_T$. The hadron names include rest, e, μ, γ (rest), γ ($\gamma^0$), Λ, K, K$_L$, K$_S$, n, K$_n$, Σ$^+$, K$^-$, K$^+$, π$^-$, and π$^+$. The Pythia 6 Z2$^*$ event generator is used for the simulation.