Classifier Response, 800.00 < E above Thresh. < 1000.00 gamma Events gamma Events gamma Events  $10^{1}$ e Events  $10^1$ e Events  $10^{1}$ e Events mu Events mu Events mu Events Normalized Density 10<sup>-1</sup> Density Density  $10^{0}$  $10^{0}$ **⊕** 10<sup>-1</sup> -Normalized  $10^{-1}$  $10^{-2}$  $10^{-2}$ 10<sup>-3</sup> 10-3  $10^{-3}$ 0.8 1.0 0.0 0.2 0.4 0.6 8.0 1.0 0.0 0.2 0.4 0.6 0.0 0.2 0.4 0.6 8.0 P(gamma) P(mu) P(e)