Response distributions for test  $p_T$  - Response distribution  $\eta$  - Response distribution 10<sup>5</sup> Mean = 2.7797E-02Mean = -2.8376E-01 $10^{5}$ NaNs & Infs = 0.0%NaNs & Infs = 0.0% $10^{4}$  $10^{4}$ 10<sup>3</sup> Counts  $10^{3}$  $10^{2}$  $10^{2}$  $10^{1}$  $10^{1}$  $10^{0}$  $10^{0}$ 8 -1250010000-7500-5000-2500 2500 5000 6  $\phi$  - Response distribution mass - Response distribution Mean = -4.4819E-01Mean = -2.7250E+0110<sup>5</sup> 10<sup>5</sup> NaNs & Infs = 0.0%NaNs & Infs = 0.0055% $10^{4}$  $10^{4}$ Counts  $10^{3}$ 10<sup>3</sup>  $10^2$ 10<sup>2</sup>  $10^{1}$  $10^{1}$  $10^{0}$  $10^{0}$ -80000-60000-40000-20000 20000 1e6