Response distributions for test  $\eta$  - Response distribution  $p_T$  - Response distribution 10<sup>5</sup> -Mean = -8.3067E-03Mean = -8.7266E-02 $10^{5}$ NaNs & Infs = 0.0%NaNs & Infs = 0.0% $10^{4}$  $10^{4}$  $10^{3}$ Counts  $10^{3}$  $10^{2}$  $10^{2}$  $10^1$  $10^{1}$ 10<sup>0</sup> ·  $10^{0}$ 50 10 20 30 40 60 -10000-5000 5000 10000 15000 20000  $\phi$  - Response distribution mass - Response distribution Mean = -1.9344E-01Mean = -2.2838E+0110<sup>5</sup>  $10^{5}$ NaNs & Infs = 0.0%NaNs & Infs = 0.007% $10^{4}$  $10^{4}$ Counts  $10^{3}$  $10^{3}$  $10^2$  $10^2$  $10^1$  $10^{1}$  $10^{0}$  $10^{0}$ -0.75 -0.50 -0.25 0.00 -250250 500 750 1000 1250 0.25 0.50 0.75 1.00 0 1e7