Central and Forward rapidity. η meson

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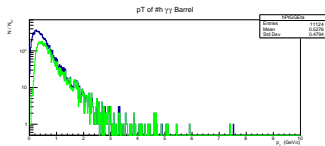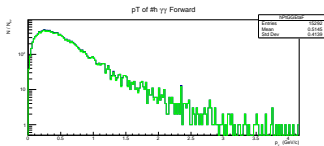
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ALICE

Simulation settings

▶ Full simulations of pp $\sqrt{s} = 14$ TeV using PYTHIA 8.2 in local HD cluster (2.2×10^6 events generated)

▶ Analysis using MC information:
Central: $|\eta| < 1.3$ ($p_\mathsf{T} > 0.1$ GeV/c)
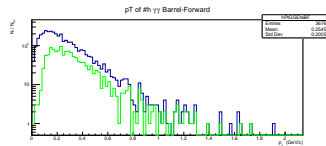Forward: $1.7 < |\eta| < 4$ (p > 0.1 GeV/c)

η meson $\rightarrow \gamma\gamma$

Barrel

Forward

Barrel-Forward