

JEWEL+PYTHIA 2.76 TeV

Grid Jet, BKG-SUB ($\Delta\eta, \Delta\phi = 0.08$)

pp

PbPb 0-20%

- | | |
|-------------------------------|--------------|
| --- MLP (auc = 0.18) | — auc = 0.25 |
| --- DCNN (auc = 0.18) | — auc = 0.26 |
| --- TD: T1+T2+T3 (auc = 0.17) | — auc = 0.25 |

Gluon Efficiency

γ + Jet Events, anti- k_t R=0.4 Jets

$p_T^\gamma > 100$ [GeV/c]

$p_T^{\text{jet}} > 50$ [GeV/c]

$|\eta|^{\gamma, \text{jet}} < 1.5, \Delta\phi_{\gamma, \text{jet}} > 2 * \pi/3$

0.0

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

Quark Efficiency

1.0

0.8

0.6

0.4

0.2