

# Integrated $\gamma$ -Hadron Correlation: $2\pi/3 < \Delta\phi < \pi$ , $|\Delta\eta| < 1.2$

ALICE Work in Progress

$\sqrt{s_{NN}} = 5 \text{ TeV}$

$\frac{1}{N_Y} \frac{dN}{dz_T d\Delta\eta}$

$z_T = p_T^h/p_T^\gamma$

- Cetral Purity (pp)
- Cetral Purity (p-Pb)
- Purity Plus STDV (pp)
- Purity Plus STDV (p-Pb)
- Purity Minus STDV (pp)
- Purity Minus STDV (p-Pb)
- purity = 90% (pp)
- purity = 90% (p-Pb)

$10^1$

$10^0$

$10^{-1}$

$10^{-2}$

0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65