Integrated γ-Hadron Correlation

ALICE Work in Progress
$\sqrt{s_{\mathrm{NN}}} = 5$ TeV pp

$12 < p_{\mathrm{T}}^{\mathrm{trig}} < 40$ GeV/c

- Integral $\Delta\phi > 11\pi/16$, R = 1.0
- Integral $\Delta\phi > 3\pi/4$, R = 0.8
- Integral $\Delta\phi > 7\pi/8$, R = 0.4

Y-axis (top panel): $\dfrac{1}{N_{\gamma}}\dfrac{\mathrm{d}N}{\mathrm{d}z_{\mathrm{T}}\mathrm{d}\Delta\phi\mathrm{d}\Delta\eta}$ (normalized)

Y-axis (bottom panel): $\dfrac{R}{R = 0.4}$

X-axis: $z_{\mathrm{T}} = p_{\mathrm{T}}^{\mathrm{h}}/p_{\mathrm{T}}^{\gamma}$