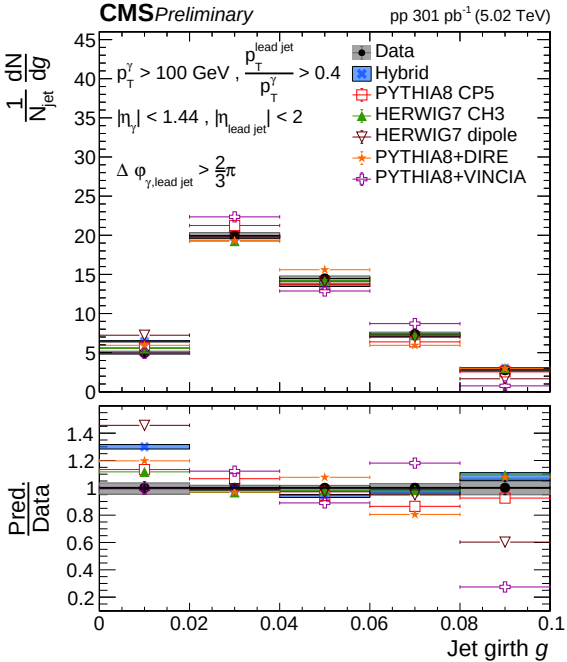
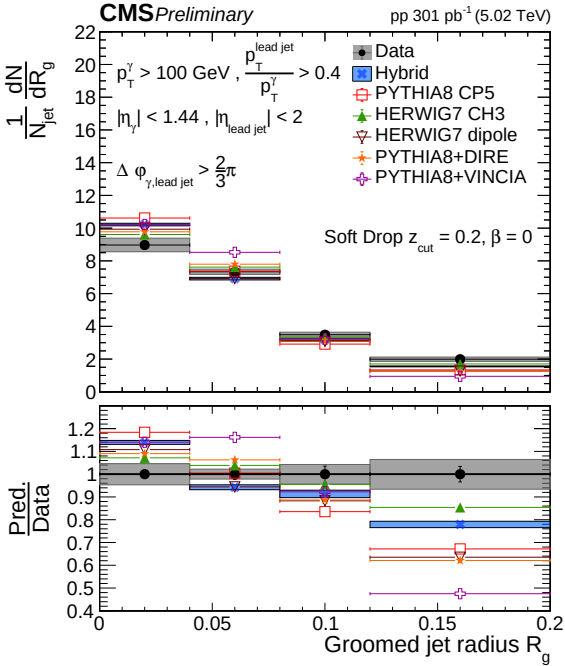

CMS Preliminary
pp 301 pb^{-1} (5.02 TeV)
$\frac{1}{N_{jet}}\frac{dN}{dg}$
$p_T^{\gamma} > 100$ GeV , $\frac{p_T^{lead\ jet}}{p_T^{\gamma}} > 0.4$
$|\eta_{\gamma}| < 1.44$, $|\eta_{lead\ jet}| < 2$
$\Delta\varphi_{\gamma,lead\ jet} > \frac{2}{3}\pi$
Data
Hybrid
PYTHIA8 CP5
HERWIG7 CH3
HERWIG7 dipole
PYTHIA8+DIRE
PYTHIA8+VINCIA
Pred. / Data
Jet girth g


CMS Preliminary
pp 301 pb^{-1} (5.02 TeV)
$\frac{1}{N_{jet}}\frac{dN}{dR_g}$
$p_T^{\gamma} > 100$ GeV , $\frac{p_T^{lead\ jet}}{p_T^{\gamma}} > 0.4$
$|\eta_{\gamma}| < 1.44$, $|\eta_{lead\ jet}| < 2$
$\Delta\varphi_{\gamma,lead\ jet} > \frac{2}{3}\pi$
Soft Drop $z_{cut} = 0.2$, $\beta = 0$
Data
Hybrid
PYTHIA8 CP5
HERWIG7 CH3
HERWIG7 dipole
PYTHIA8+DIRE
PYTHIA8+VINCIA
Pred. / Data
Groomed jet radius R_g