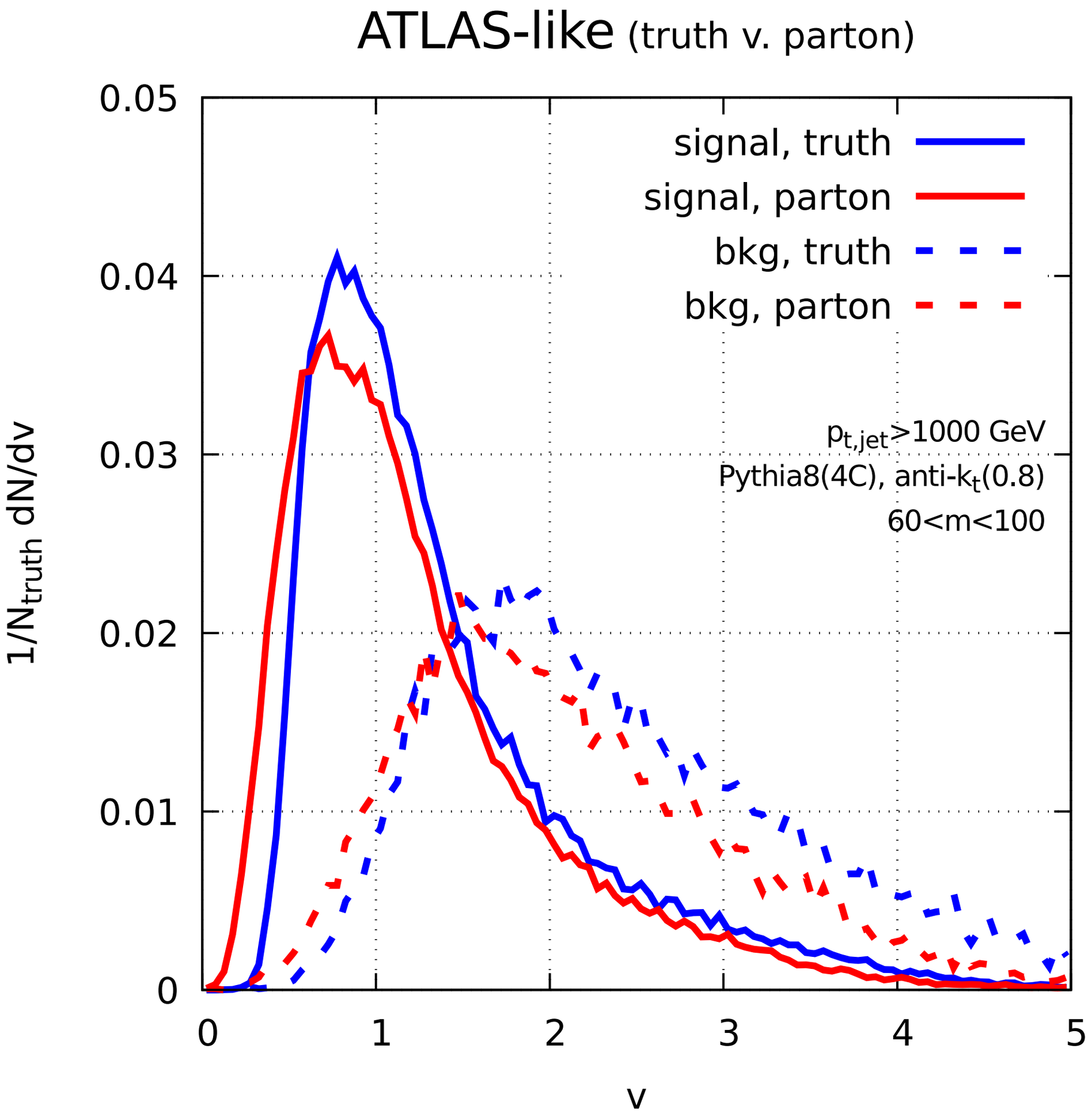
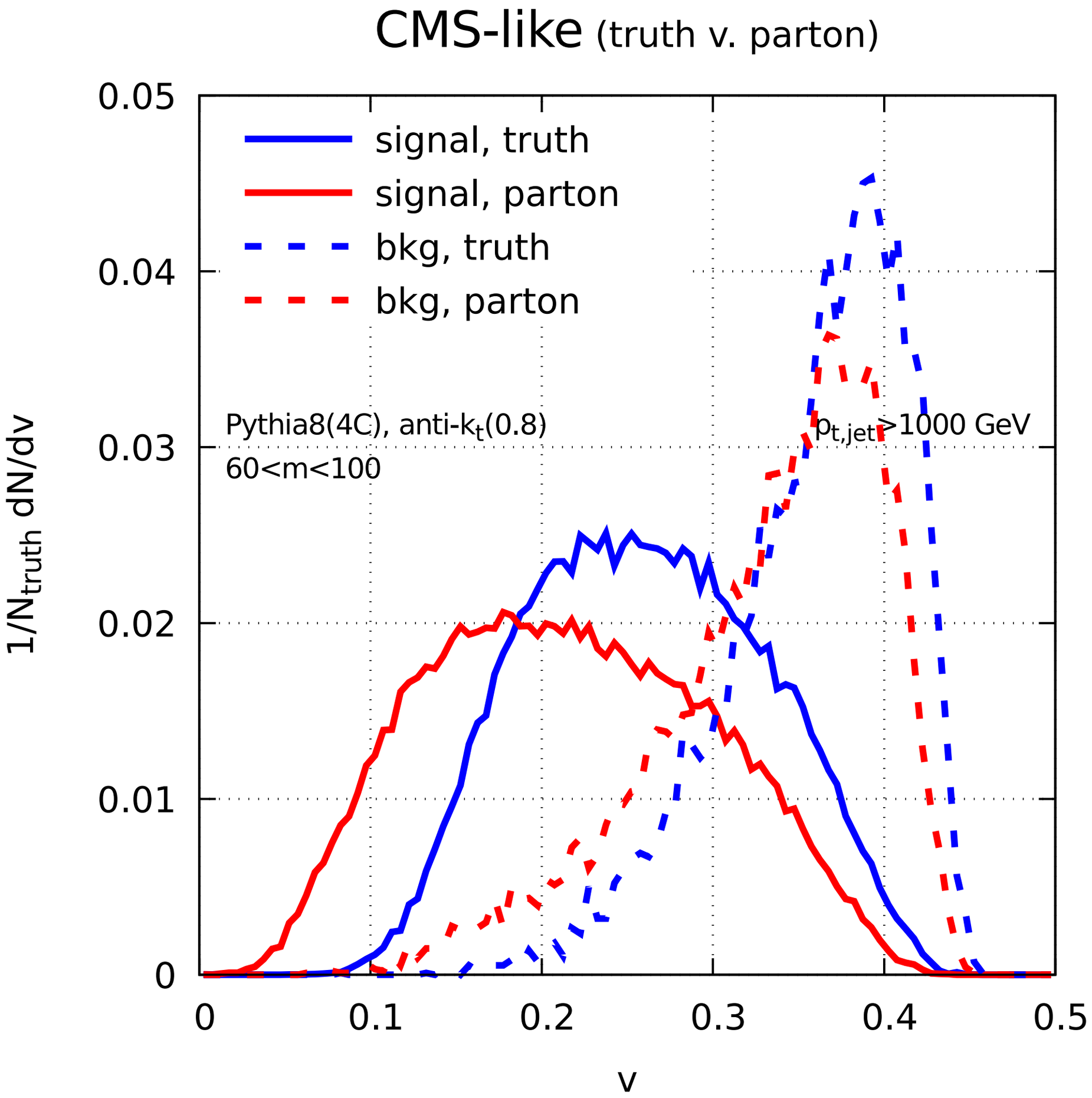
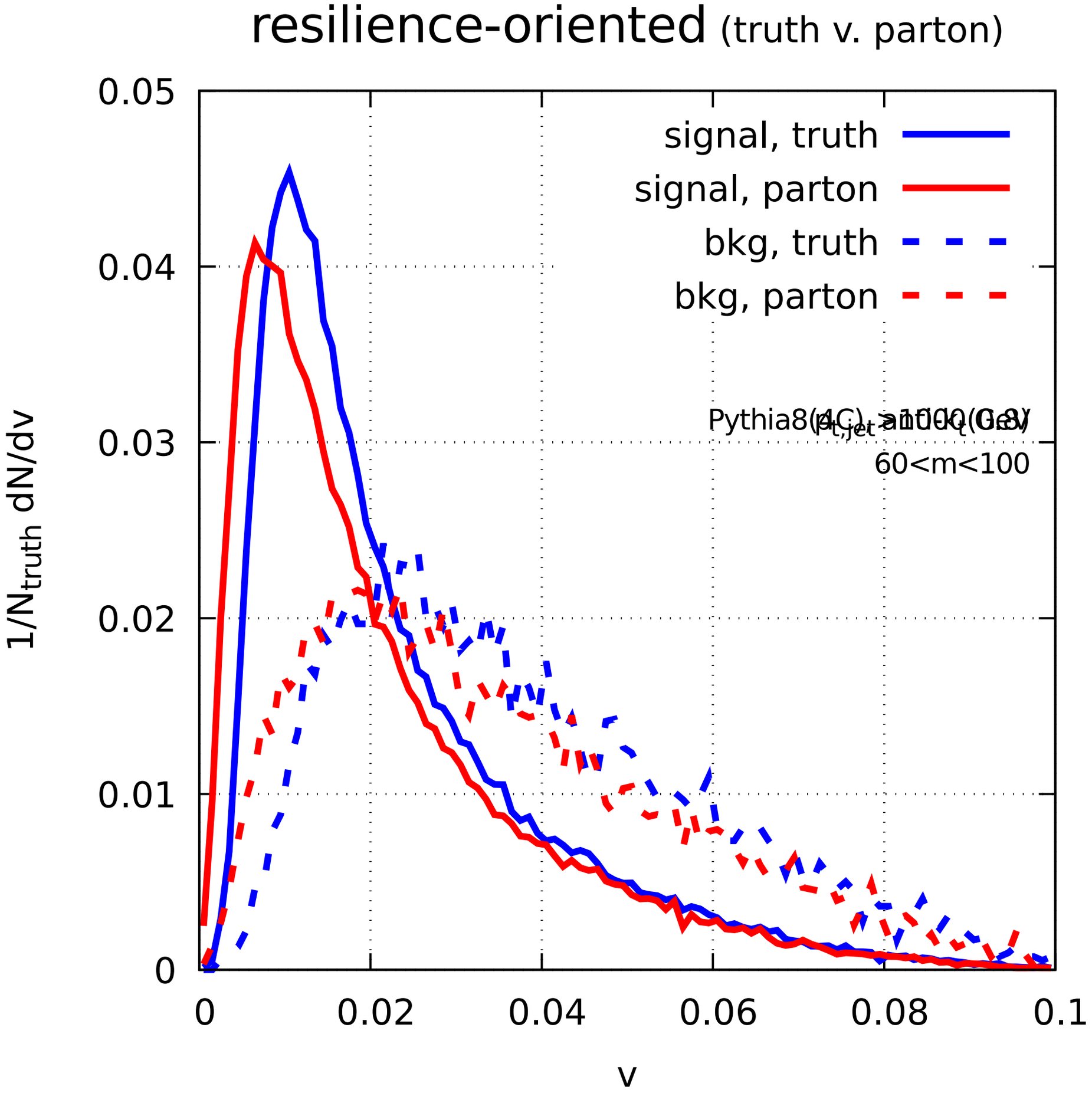
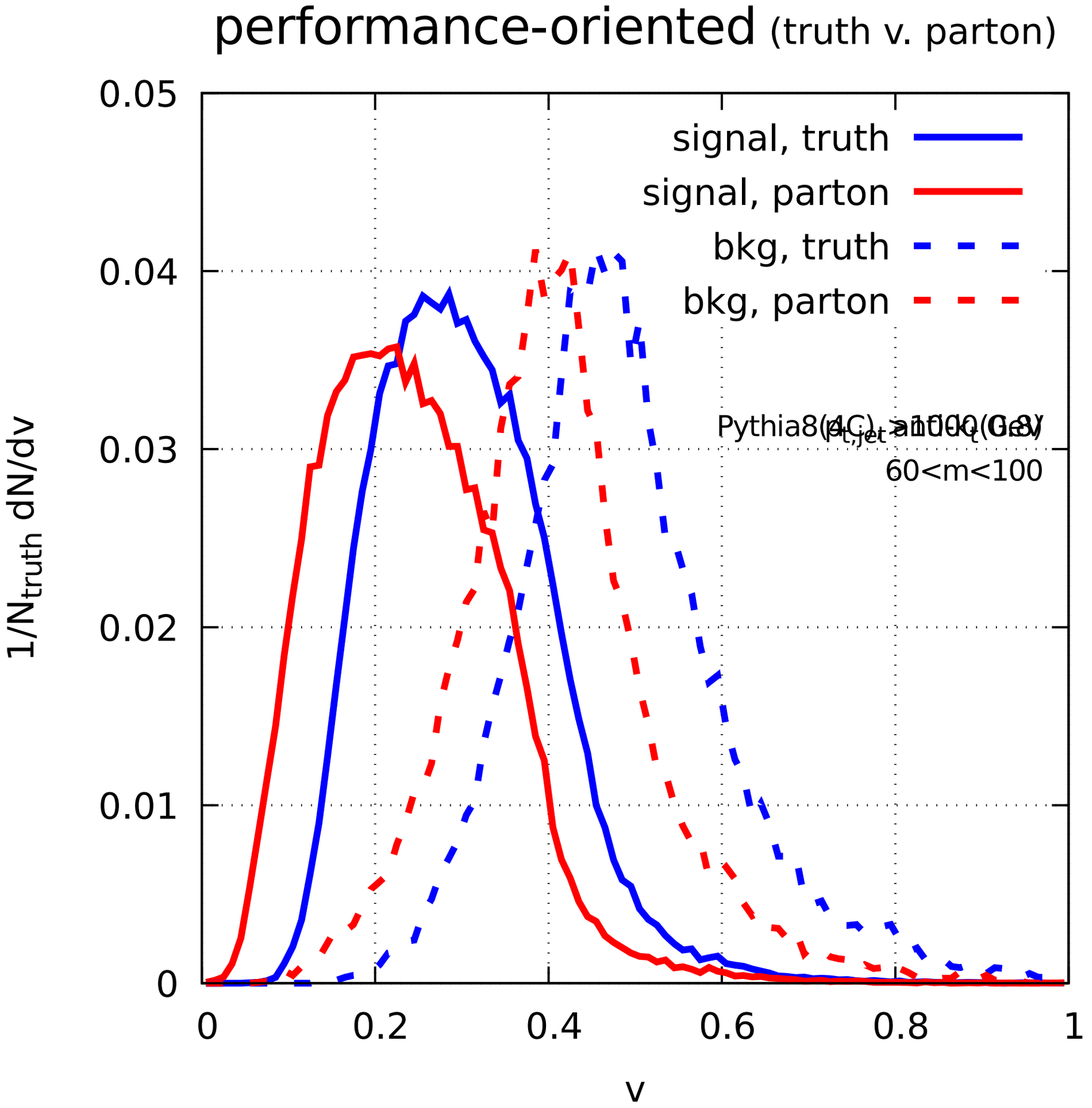

ATLAS-like (truth v. parton)
signal, truth
signal, parton
bkg, truth
bkg, parton
$p_{t,jet}$>1000 GeV
Pythia8(4C), anti-k_t(0.8)
60<m<100
$1/N_{truth}$ dN/dv
v
0.05
0.04
0.03
0.02
0.01
0
0
1
2
3
4
5


CMS-like (truth v. parton)
signal, truth
signal, parton
bkg, truth
bkg, parton
Pythia8(4C), anti-k$_t$(0.8)
60<m<100
$p_{t,jet}$>1000 GeV
1/N$_{truth}$ dN/dv
v
0.05
0.04
0.03
0.02
0.01
0
0
0.1
0.2
0.3
0.4
0.5


resilience-oriented (truth v. parton)
signal, truth
signal, parton
bkg, truth
bkg, parton
Pythia8(4C), anti-k_t(R=0.8)
60<m<100
1/N_truth dN/dv
v
0.05
0.04
0.03
0.02
0.01
0
0
0.02
0.04
0.06
0.08
0.1


performance-oriented (truth v. parton)
signal, truth
signal, parton
bkg, truth
bkg, parton
Pythia8(4C), anti-k$_t$(R=0.8)
$p_{t,jet}$>1000 GeV
60<m<100
1/N$_{truth}$ dN/dv
v
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1