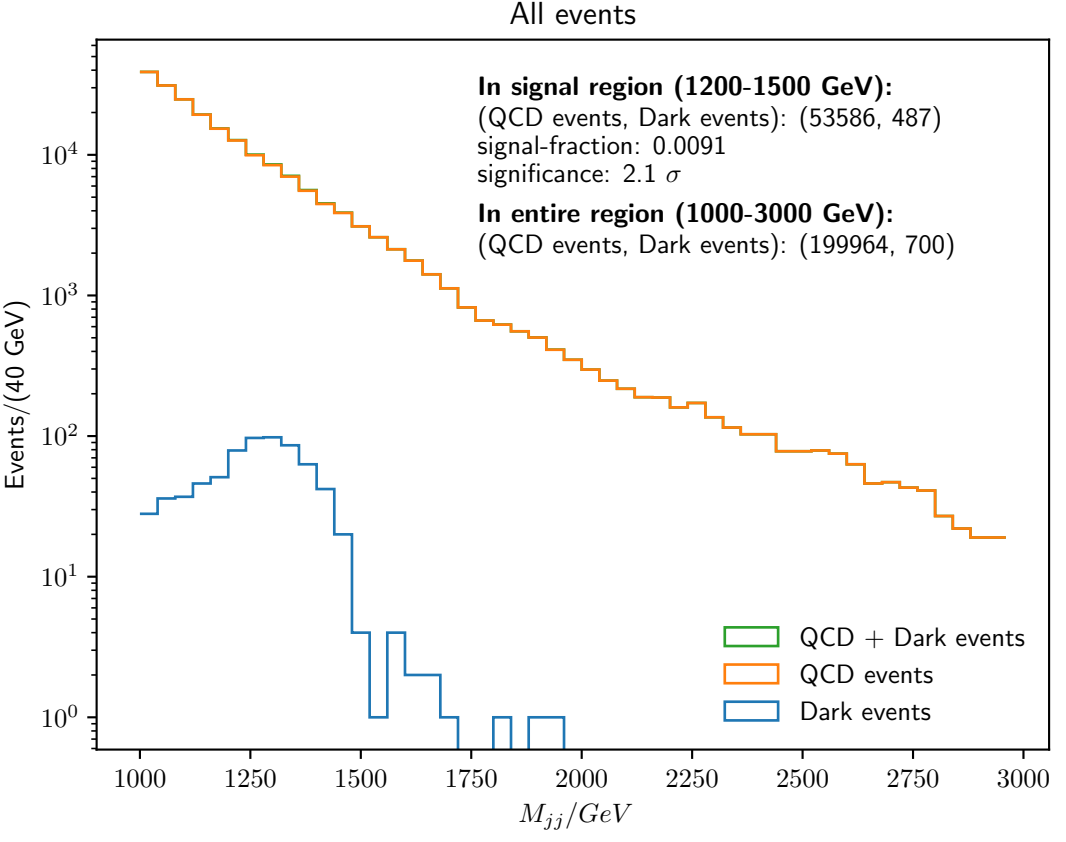
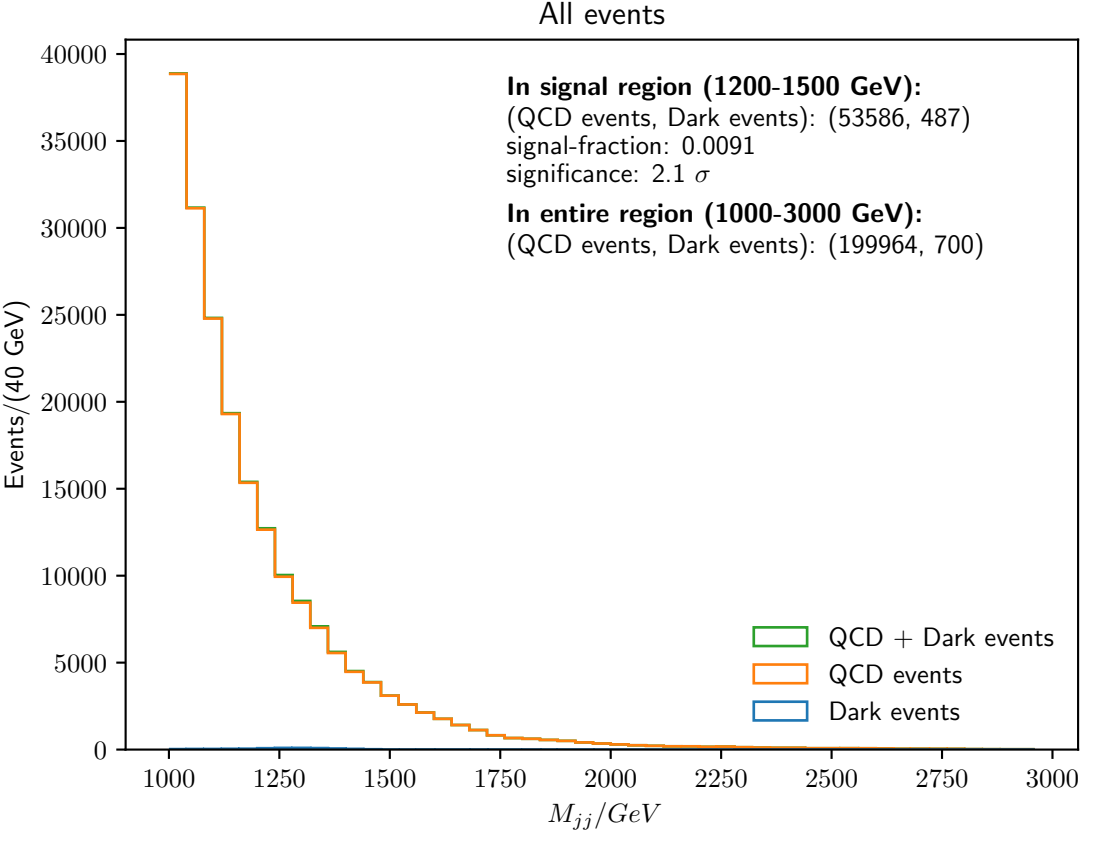
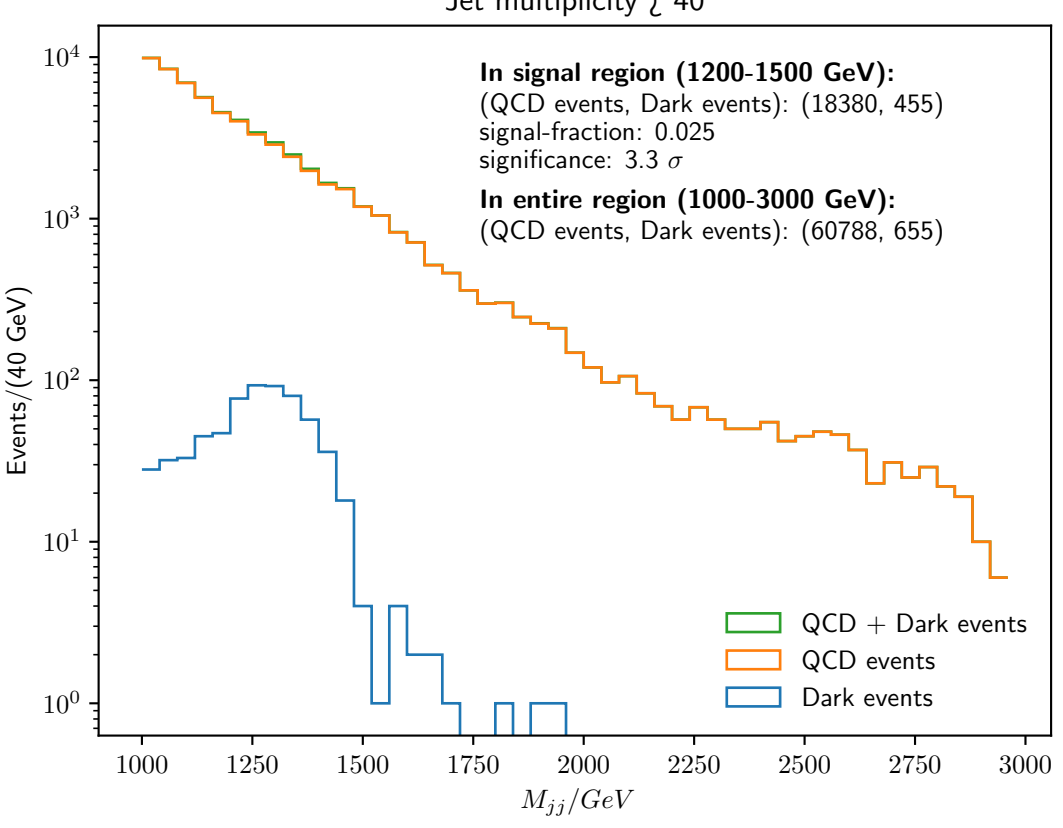
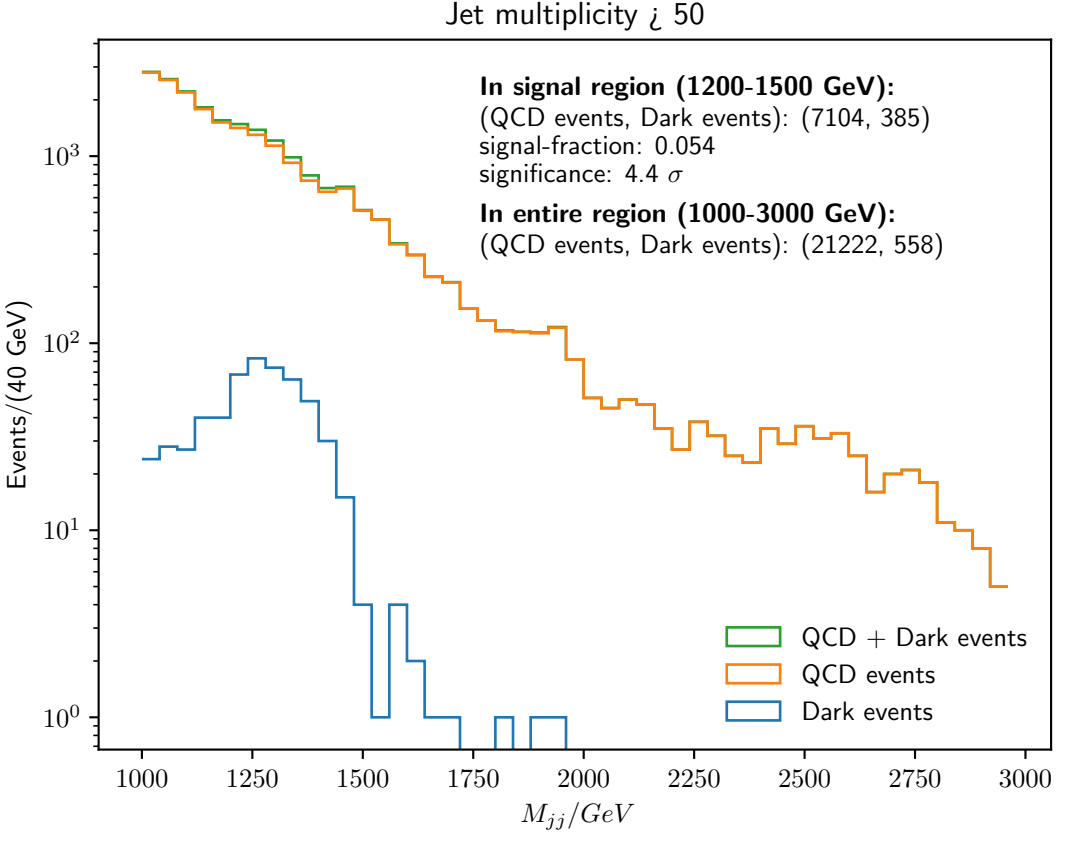
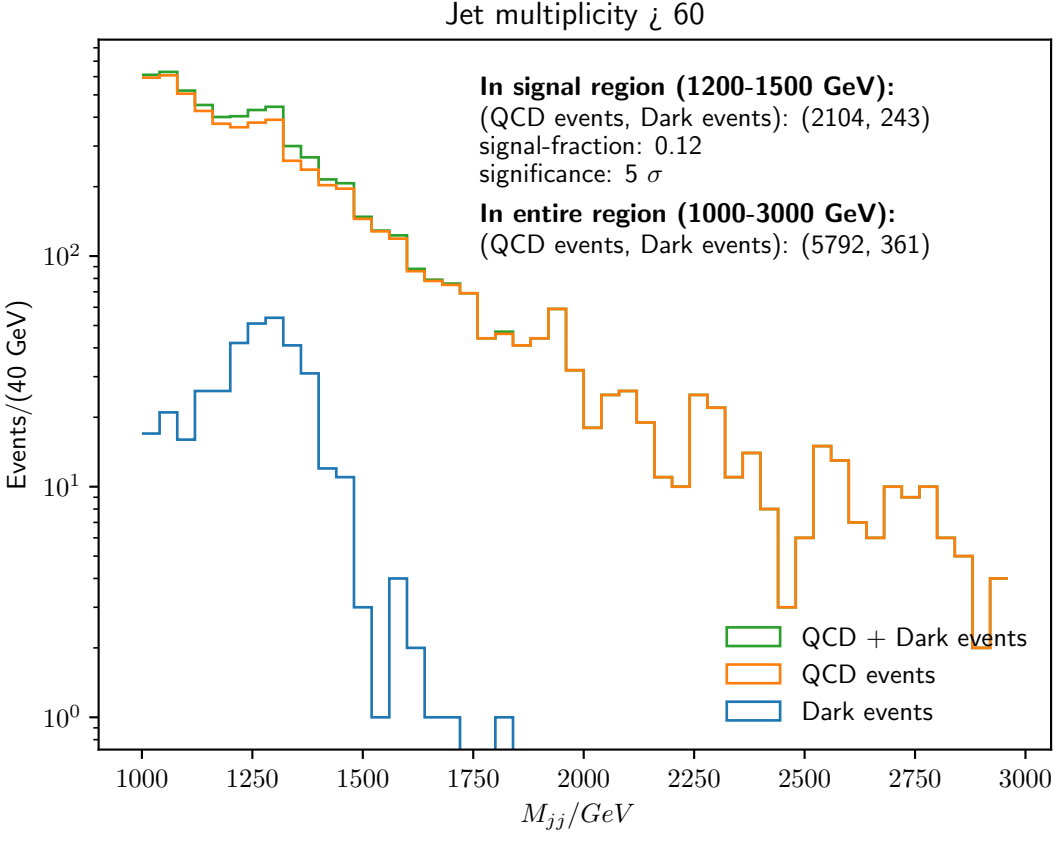

All events
In signal region (1200-1500 GeV):
(QCD events, Dark events): (53586, 487)
signal-fraction: 0.0091
significance: 2.1 σ
In entire region (1000-3000 GeV):
(QCD events, Dark events): (199964, 700)
QCD + Dark events
QCD events
Dark events
Events/(40 GeV)
10^0
10^1
10^2
10^3
10^4
1000
1250
1500
1750
2000
2250
2500
2750
3000
M_{jj}/GeV


All events
In signal region (1200-1500 GeV):
(QCD events, Dark events): (53586, 487)
signal-fraction: 0.0091
significance: 2.1 σ
In entire region (1000-3000 GeV):
(QCD events, Dark events): (199964, 700)
QCD + Dark events
QCD events
Dark events
Events/(40 GeV)
M_{jj}/GeV
0
5000
10000
15000
20000
25000
30000
35000
40000
1000
1250
1500
1750
2000
2250
2500
2750
3000


Jet multiplicity ¿ 40
In signal region (1200-1500 GeV):
(QCD events, Dark events): (18380, 455)
signal-fraction: 0.025
significance: 3.3 σ
In entire region (1000-3000 GeV):
(QCD events, Dark events): (60788, 655)
QCD + Dark events
QCD events
Dark events
Events/(40 GeV)
M_{jj}/GeV


Jet multiplicity ¿ 50
In signal region (1200-1500 GeV):
(QCD events, Dark events): (7104, 385)
signal-fraction: 0.054
significance: 4.4 σ
In entire region (1000-3000 GeV):
(QCD events, Dark events): (21222, 558)
QCD + Dark events
QCD events
Dark events
Events/(40 GeV)
10^3
10^2
10^1
10^0
1000
1250
1500
1750
2000
2250
2500
2750
3000
M_{jj}/GeV


Jet multiplicity ¿ 60
In signal region (1200-1500 GeV):
(QCD events, Dark events): (2104, 243)
signal-fraction: 0.12
significance: 5 σ
In entire region (1000-3000 GeV):
(QCD events, Dark events): (5792, 361)
QCD + Dark events
QCD events
Dark events
Events/(40 GeV)
10^2
10^1
10^0
1000
1250
1500
1750
2000
2250
2500
2750
3000
M_{jj}/GeV