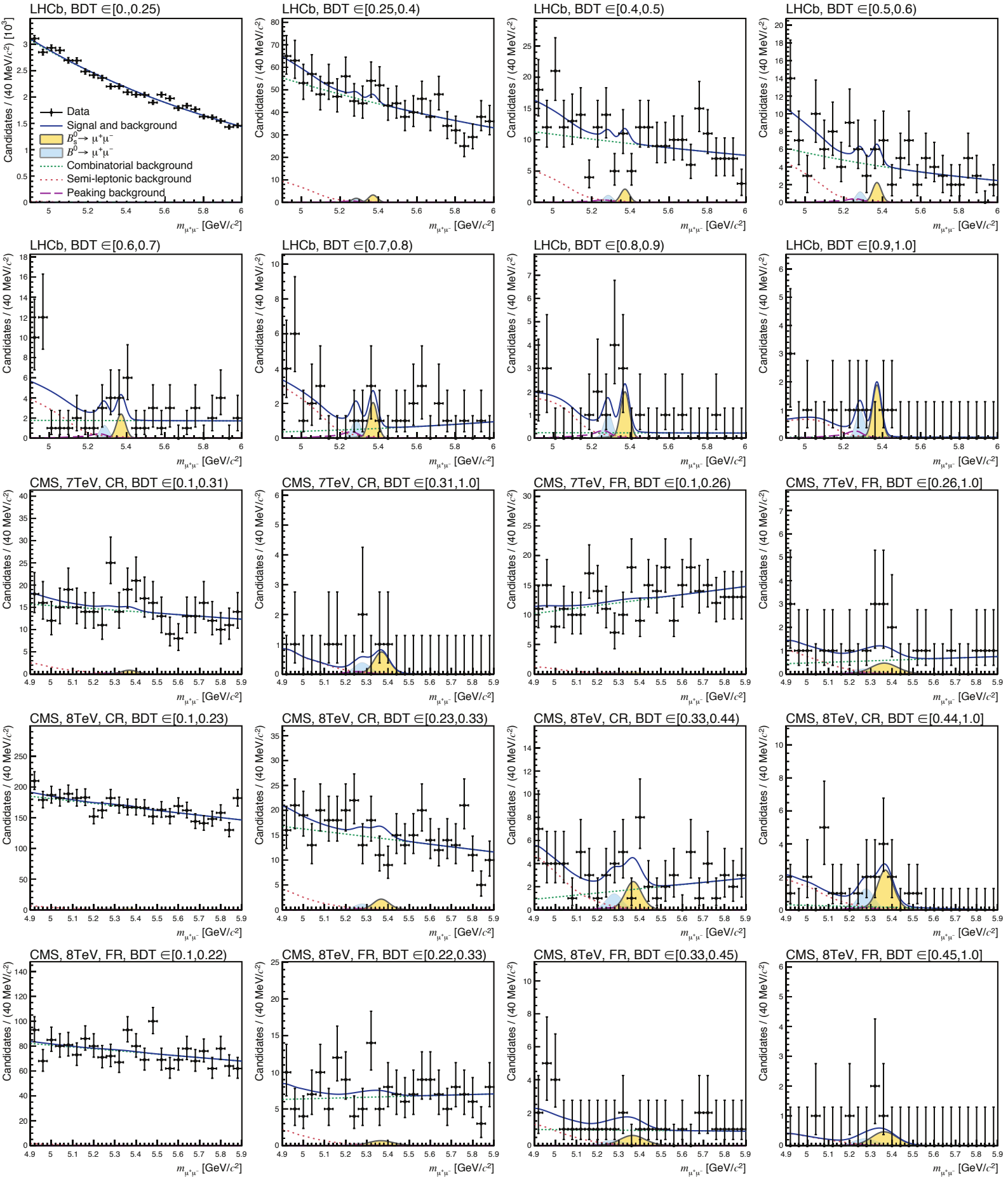
LHCb, BDT ∈[0.,0.25)
LHCb, BDT ∈[0.25,0.4)
LHCb, BDT ∈[0.4,0.5)
LHCb, BDT ∈[0.5,0.6)
LHCb, BDT ∈[0.6,0.7)
LHCb, BDT ∈[0.7,0.8)
LHCb, BDT ∈[0.8,0.9)
LHCb, BDT ∈[0.9,1.0]
CMS, 7TeV, CR, BDT ∈[0.1,0.31)
CMS, 7TeV, CR, BDT ∈[0.31,1.0]
CMS, 7TeV, FR, BDT ∈[0.1,0.26)
CMS, 7TeV, FR, BDT ∈[0.26,1.0]
CMS, 8TeV, CR, BDT ∈[0.1,0.23)
CMS, 8TeV, CR, BDT ∈[0.23,0.33)
CMS, 8TeV, CR, BDT ∈[0.33,0.44)
CMS, 8TeV, CR, BDT ∈[0.44,1.0]
CMS, 8TeV, FR, BDT ∈[0.1,0.22)
CMS, 8TeV, FR, BDT ∈[0.22,0.33)
CMS, 8TeV, FR, BDT ∈[0.33,0.45)
CMS, 8TeV, FR, BDT ∈[0.45,1.0]
Candidates / (40 MeV/c^2) [10^3]
Candidates / (40 MeV/c^2)
$m_{\mu^+\mu^-}$ [GeV/c^2]
Data
Signal and background
$B_s^0 \to \mu^+\mu^-$
$B^0 \to \mu^+\mu^-$
Combinatorial background
Semi-leptonic background
Peaking background