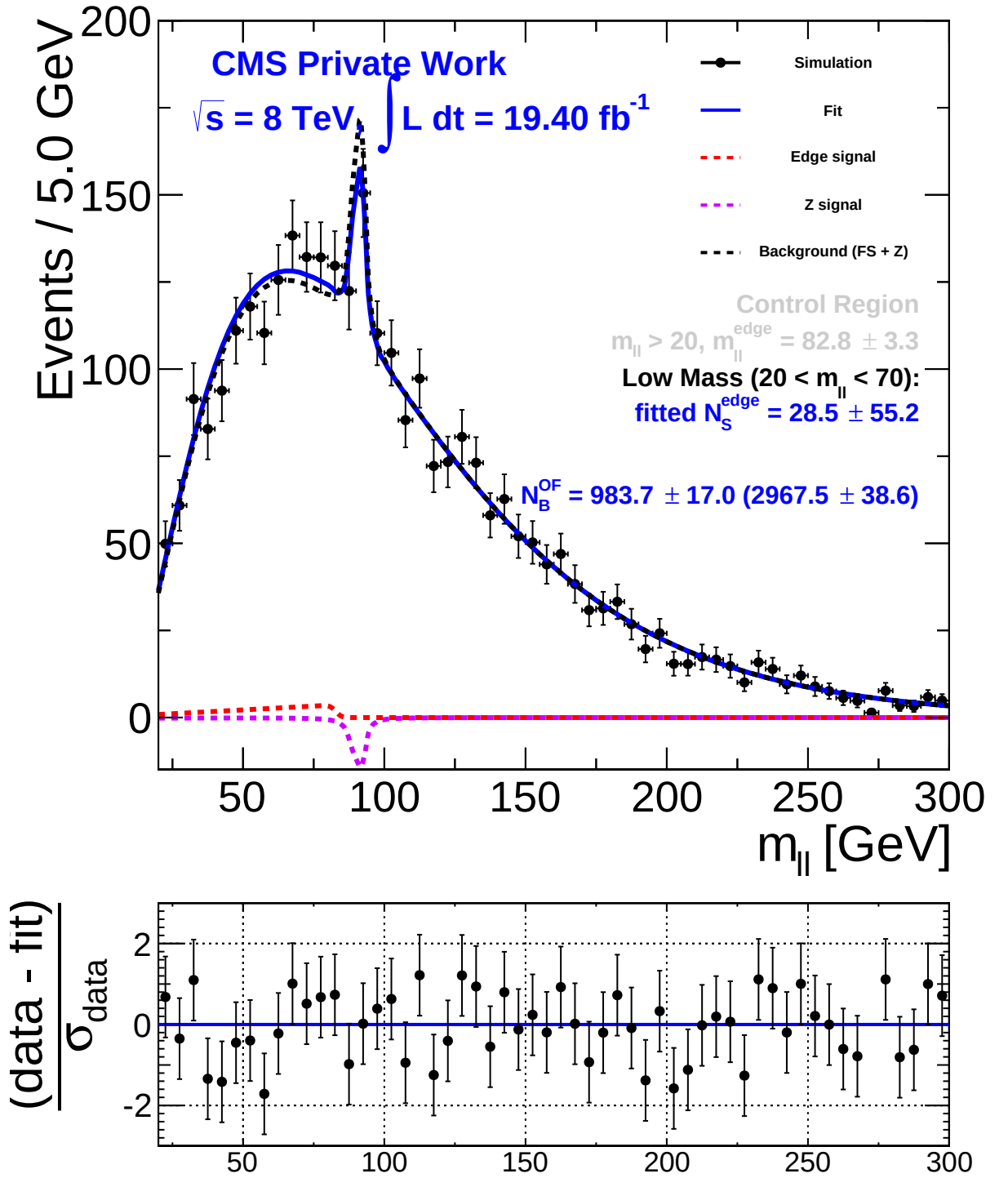
CMS Private Work
√s = 8 TeV, ∫L dt = 19.40 fb-1
Simulation
Fit
Edge signal
Z signal
Background (FS + Z)
Control Region
mll > 20, mll edge = 82.8 ± 3.3
Low Mass (20 < mll < 70):
fitted NS edge = 28.5 ± 55.2
NB OF = 983.7 ± 17.0 (2967.5 ± 38.6)
Events / 5.0 GeV
mll [GeV]
(data - fit) / σdata