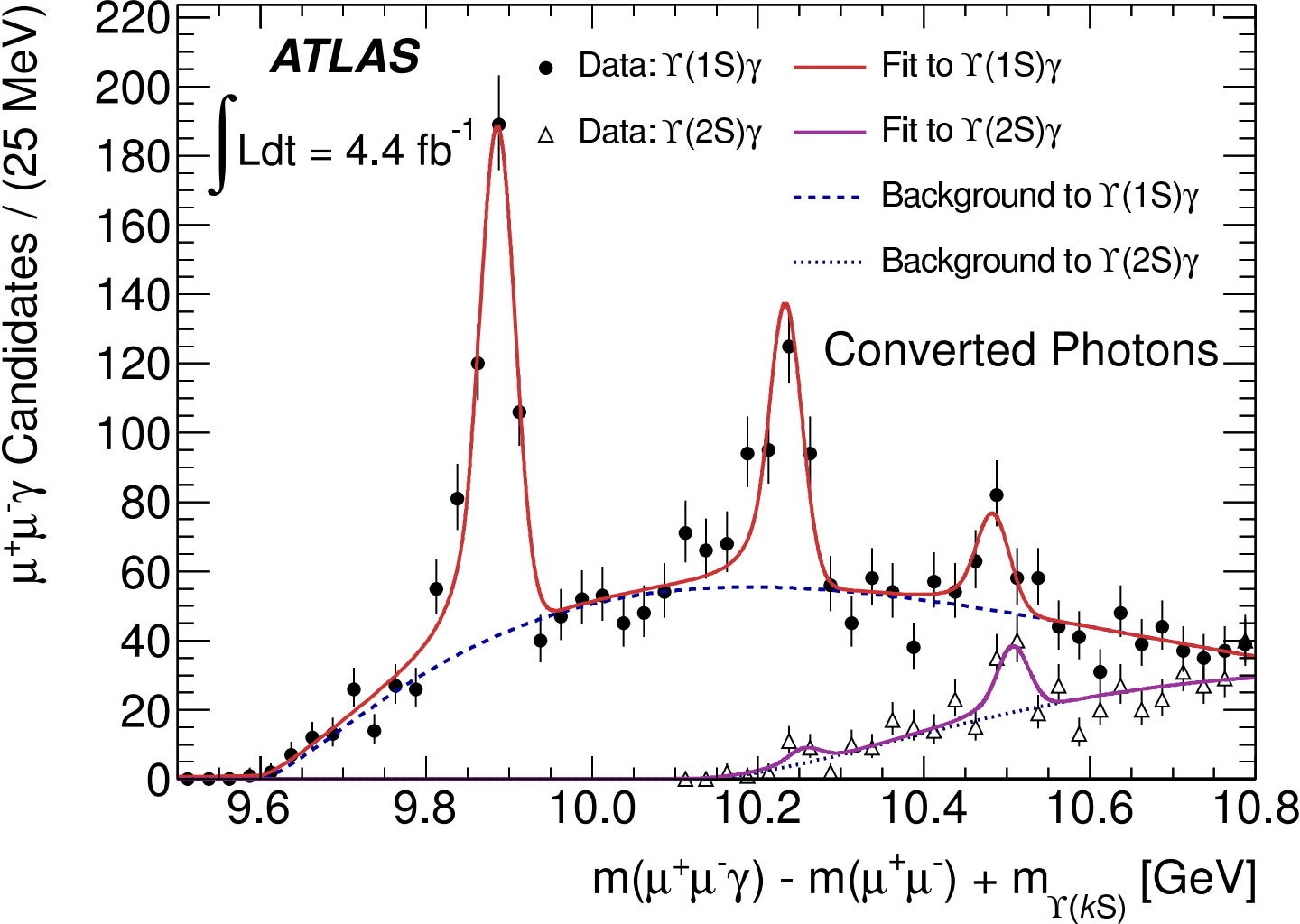
ATLAS
∫Ldt = 4.4 fb⁻¹
Data: ϒ(1S)γ
Data: ϒ(2S)γ
Fit to ϒ(1S)γ
Fit to ϒ(2S)γ
Background to ϒ(1S)γ
Background to ϒ(2S)γ
Converted Photons
μ⁺μ⁻γ Candidates / (25 MeV)
m(μ⁺μ⁻γ) - m(μ⁺μ⁻) + m_ϒ(kS) [GeV]
0
20
40
60
80
100
120
140
160
180
200
220
9.6
9.8
10.0
10.2
10.4
10.6
10.8