2010 pp collisions CERN OpenData: CMS data entries per 0.04 GeV μμ data (all events) L dt ~ 36 pb<sup>-1</sup> μμ data (same sign events) J/ψ (m=3.1 GeV) 10<sup>3</sup> ψ(2S) (m=3.7 GeV)  $10^2$ 2.5 3.5 m(μμ) [GeV]