



The approval plots in $e^+e^- \rightarrow J/\psi(\rightarrow \mu^+\mu^-)$ via
initial-state radiation at Belle II
(The Belle II Collaboration)

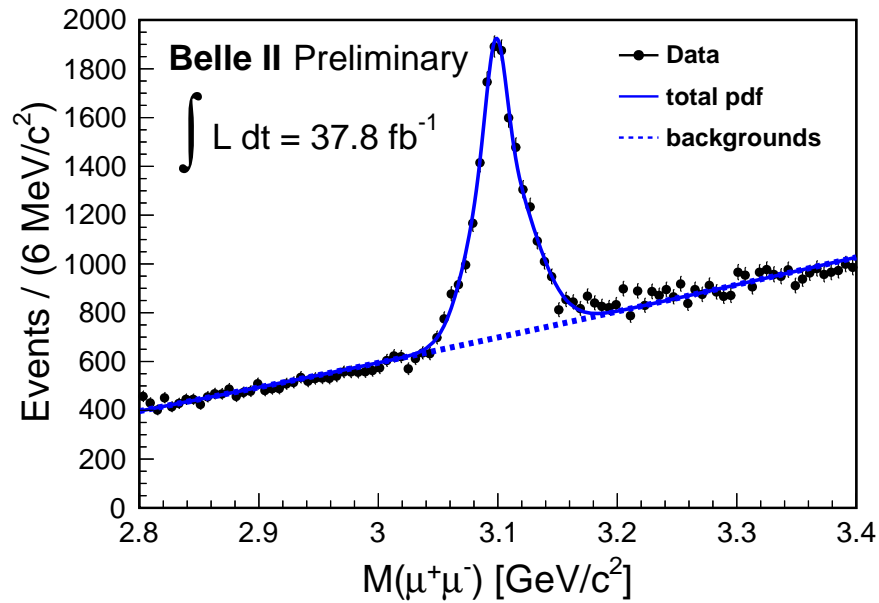


FIG. 1: The invariant mass spectrum of J/ψ from data. The blue solid line shows the best fitted result with a double Gaussian function for the J/ψ signal shape, and the blue dashed line shows the fitted backgrounds with a second-order polynomial function.

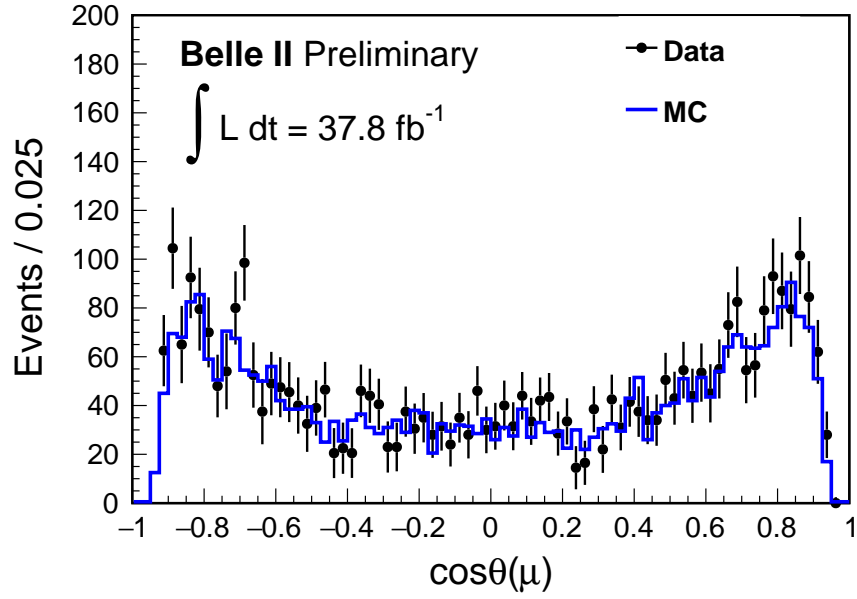


FIG. 2: The polar angles for muon tracks from signal MC simulations and data after applying trigger bits requirements of “ffo == 1||lml0 == 1”. The definition of “ffo” is N of 2D track more than 1 & CDC opening angle > 90 deg & ECL Bhabha signal. The definition of “lml0” is ECL low multiplicity event bit 0.