



Flavour Anomalies:

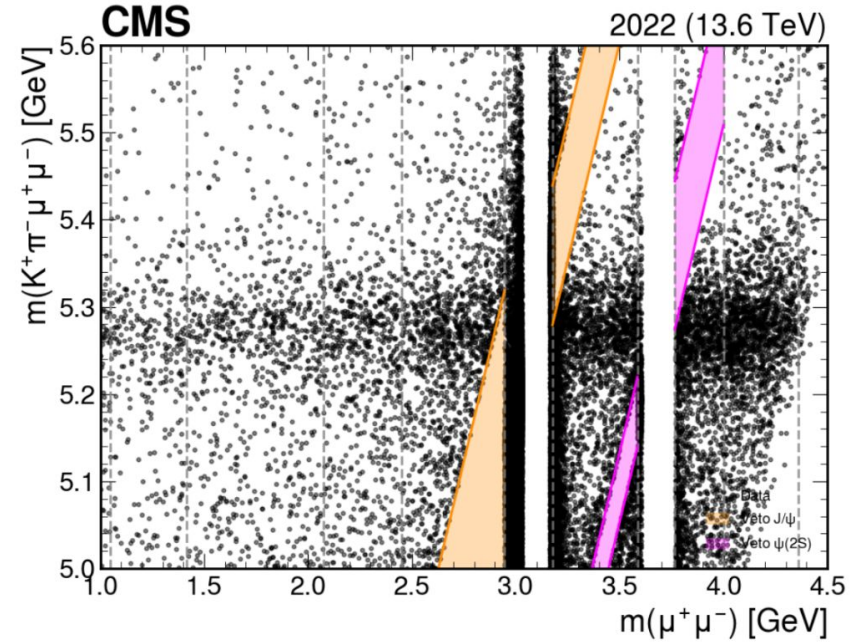
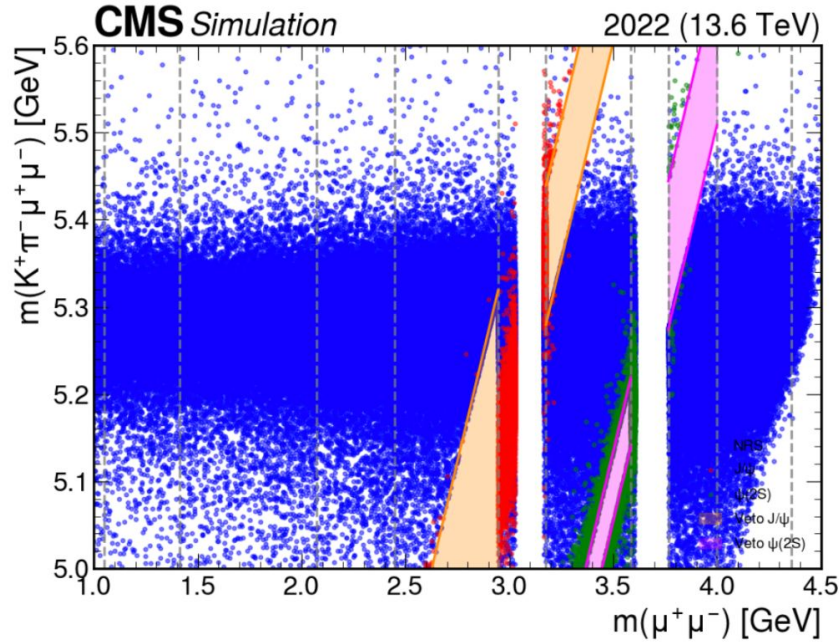
Angular Analysis of $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ Decay Channel

Bi-weekly Meeting

Student: Thiago de Andrade Rangel Monteiro

15/07/26

FSR Analysis

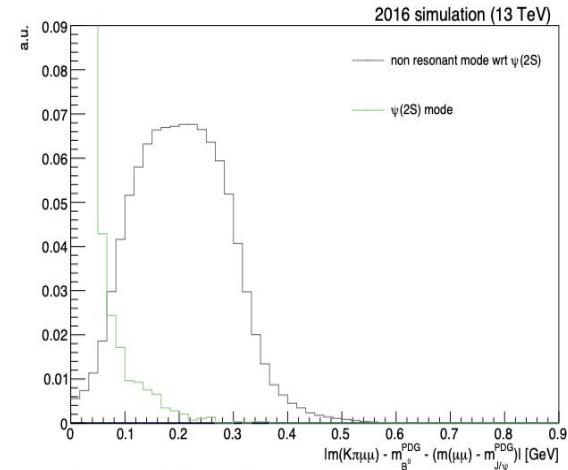
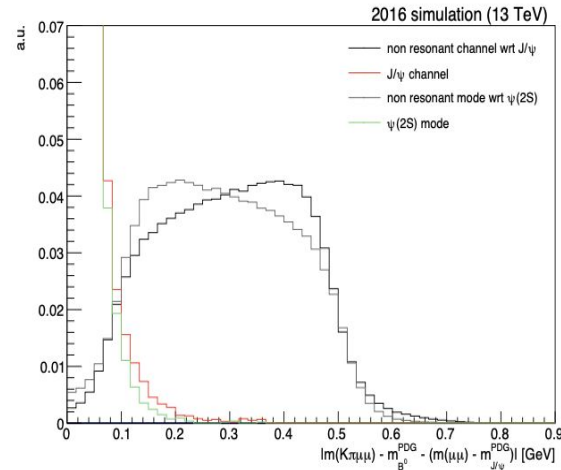
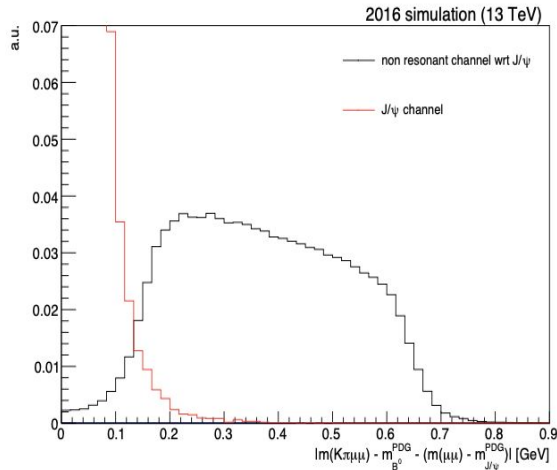
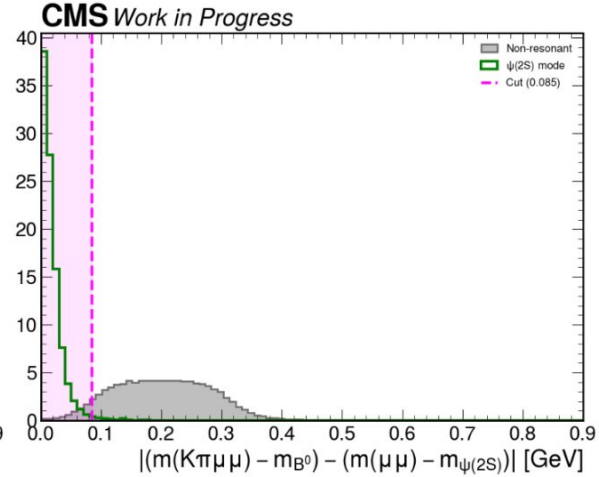
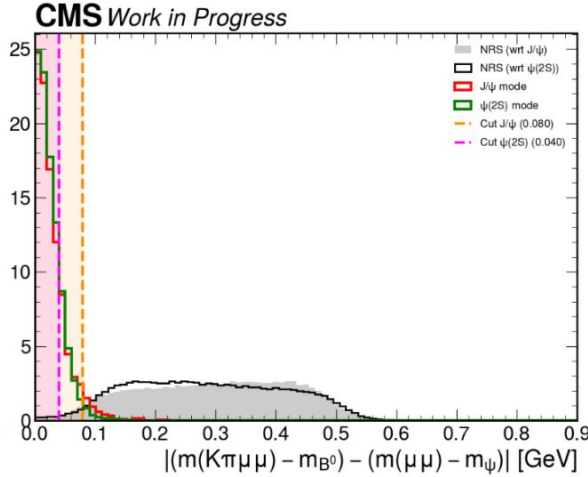
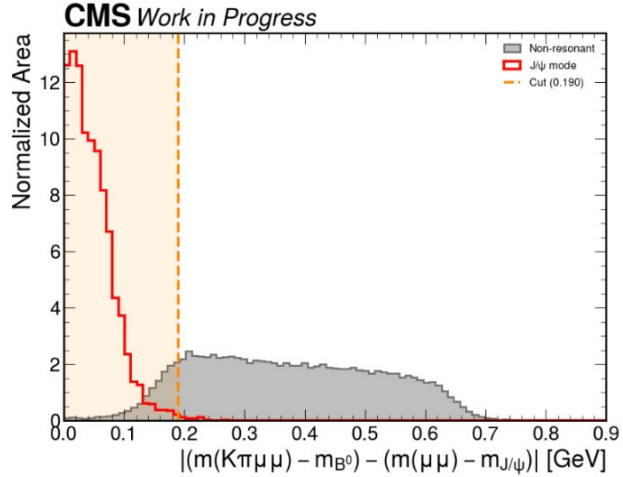


--- Otimizando Bin 3 [6.00 - 8.68] GeV² ---
 [J/psi] Optimal Delta m = 0.190 GeV (Fração: 4.45%)
 [Psi(2S)] Optimal Delta m = 0.000 GeV (Fração: 0.00%)

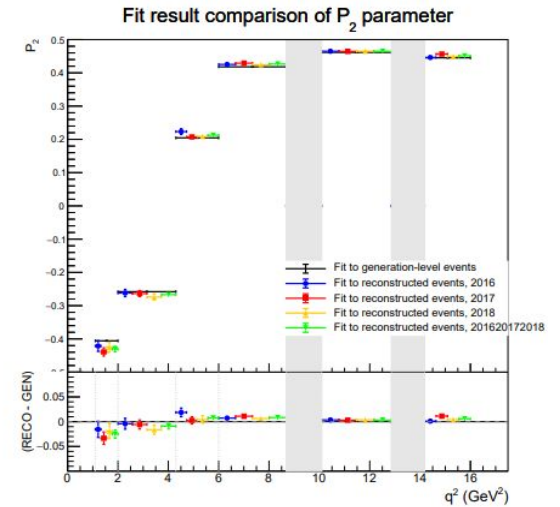
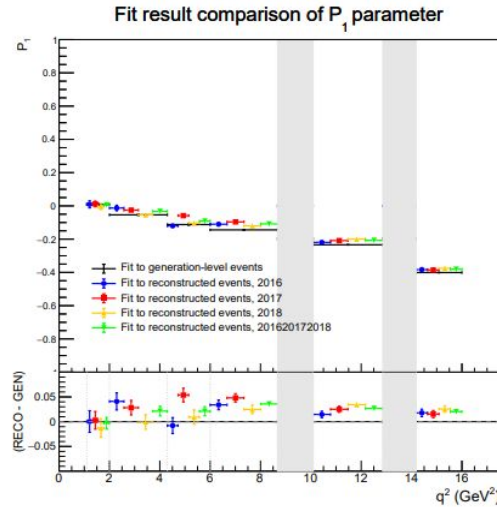
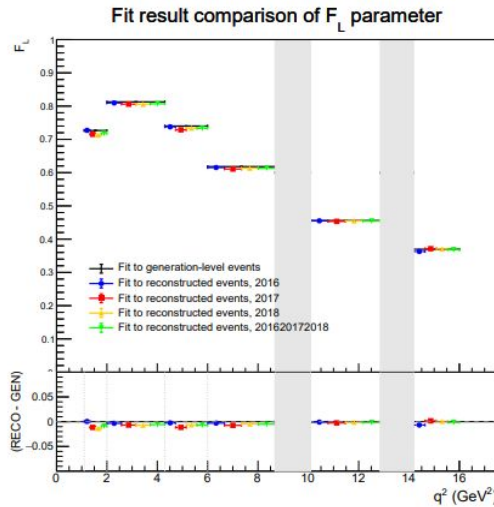
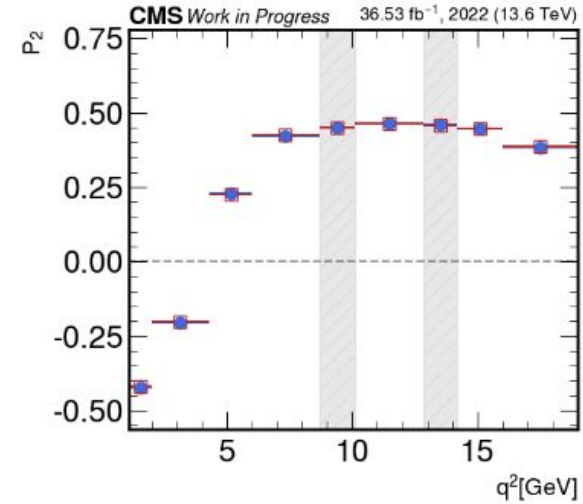
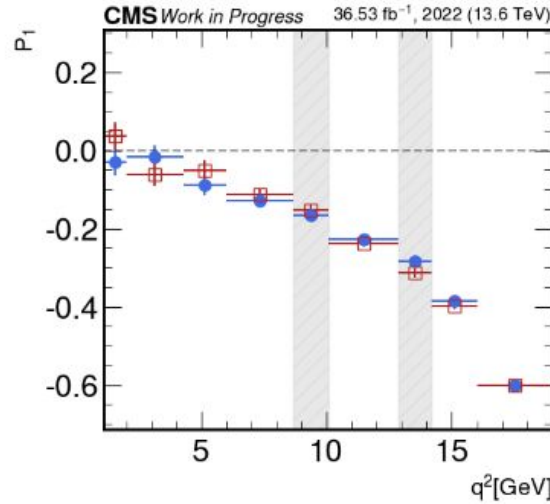
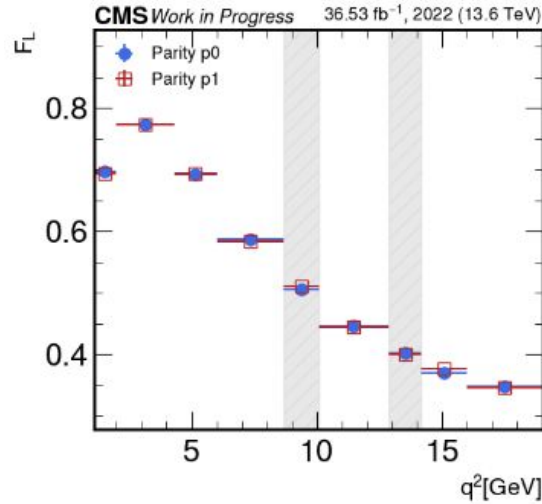
--- Otimizando Bin 5 [10.09 - 12.86] GeV² ---
 [J/psi] Optimal Delta m = 0.080 GeV (Fração: 4.99%)
 [Psi(2S)] Optimal Delta m = 0.040 GeV (Fração: 4.63%)

--- Otimizando Bin 7 [14.18 - 16.00] GeV² ---
 [Comb] Optimal Delta m = 0.085 GeV (Fração Sum: 0.95%)

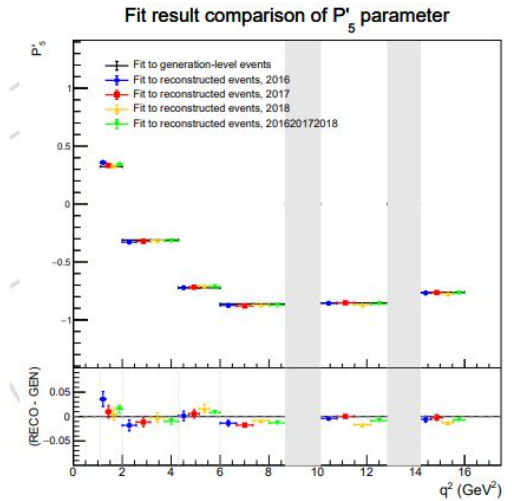
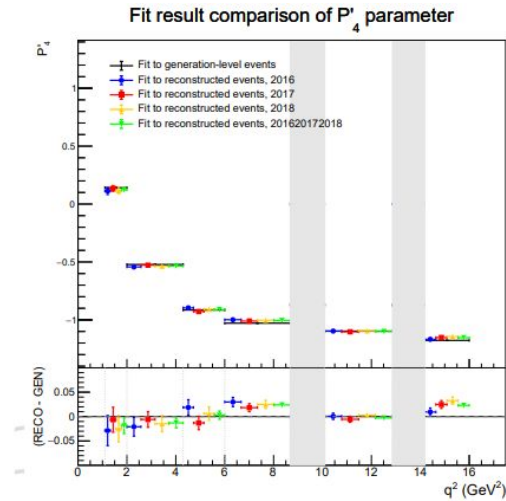
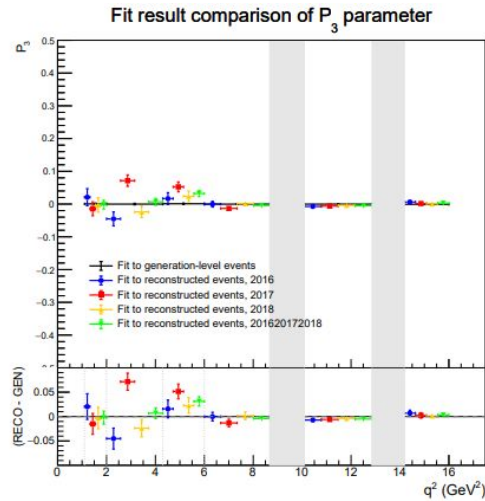
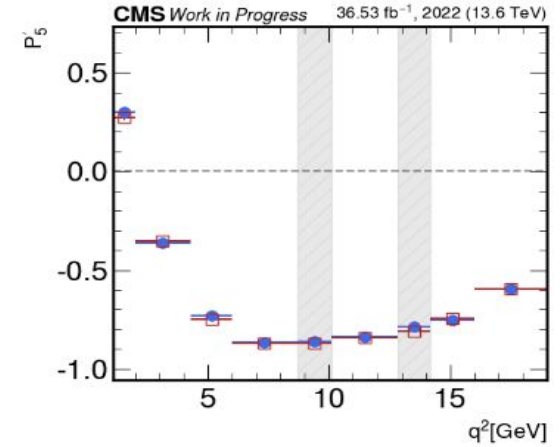
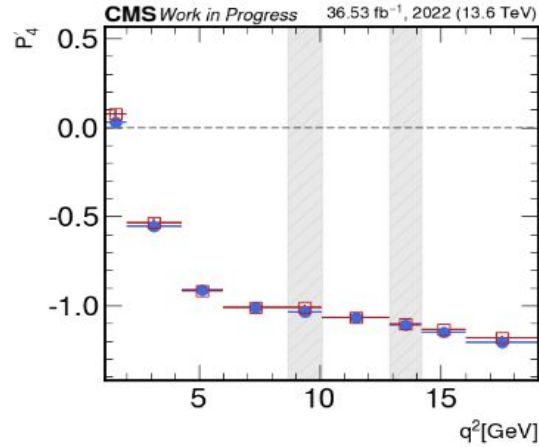
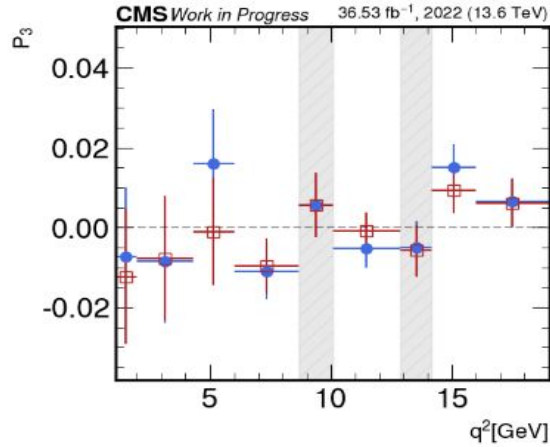
FSR Analysis



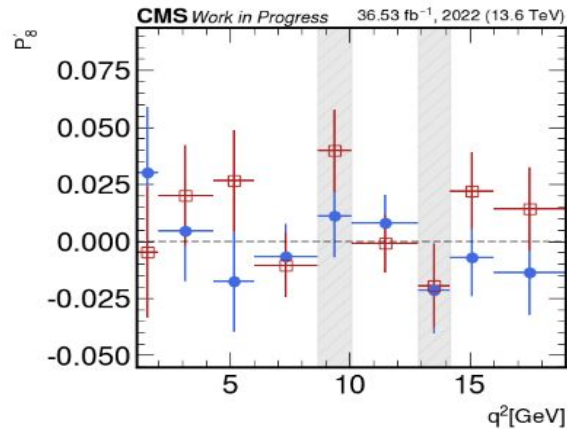
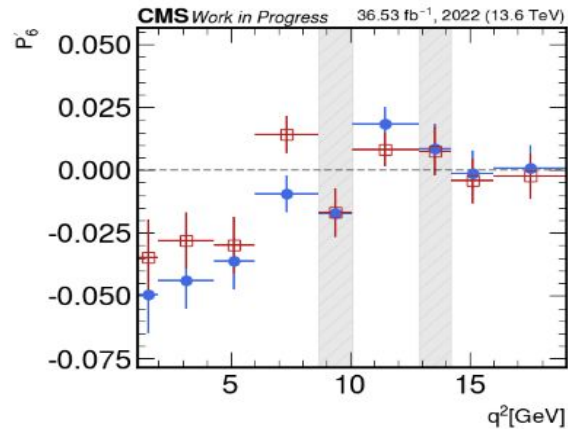
Fit Gen Results



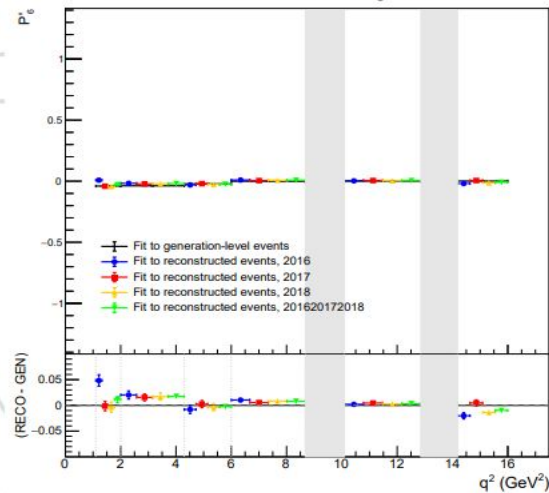
Resultados Fit Gen



Resultados Fit Gen



Fit result comparison of P'_6 parameter



Fit result comparison of P'_8 parameter

