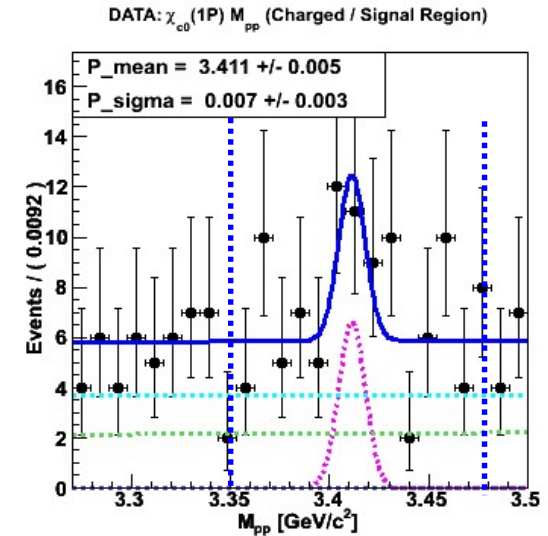
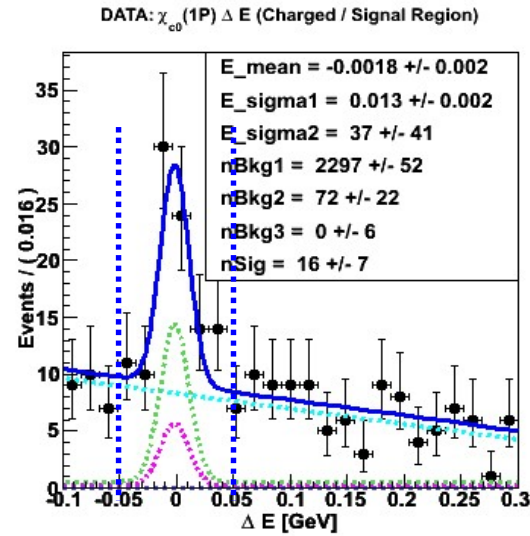
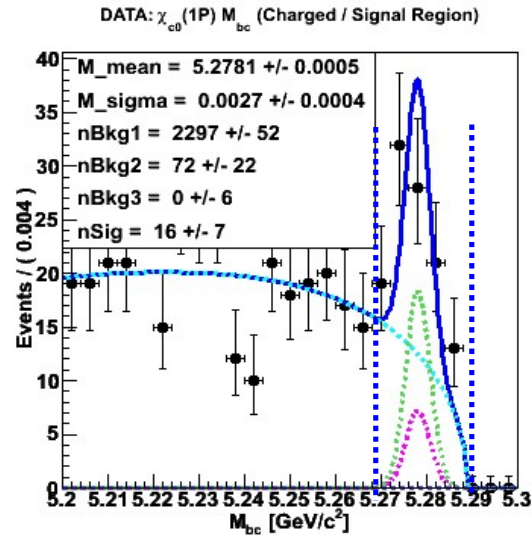
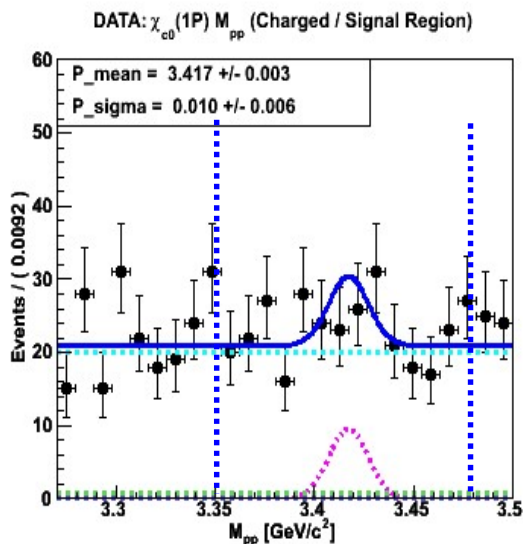
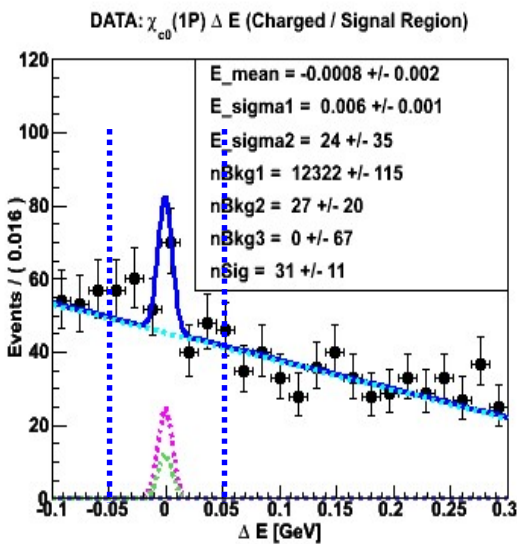
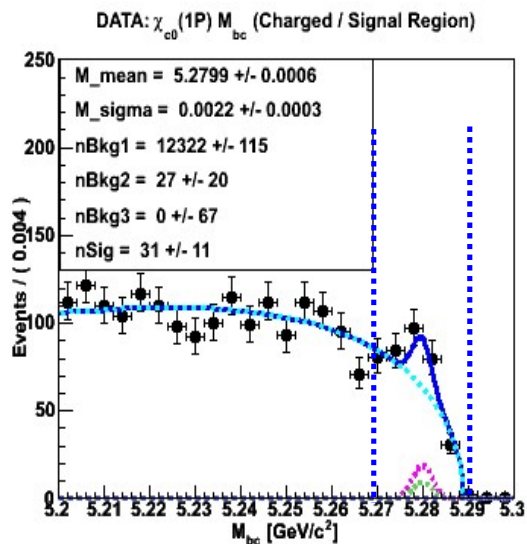


Real DATA: $B^+ \rightarrow \chi_{c0}(1P)K^+ \rightarrow ppK^+_{S^0}$



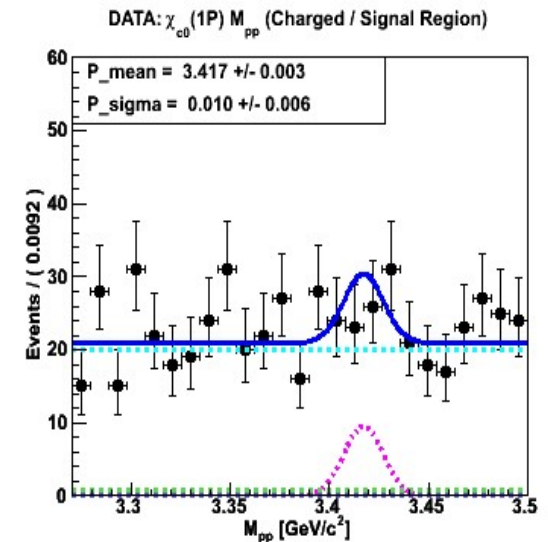
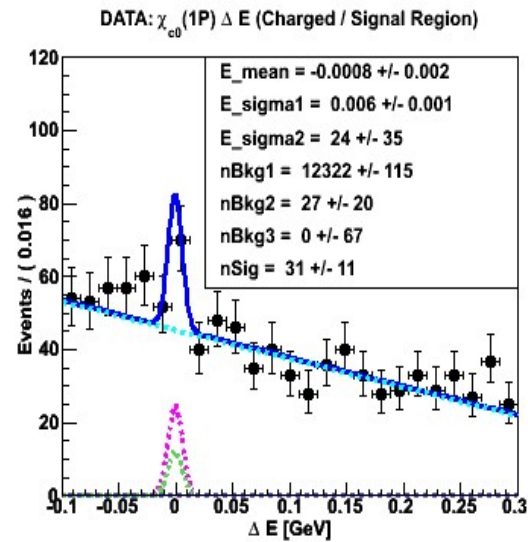
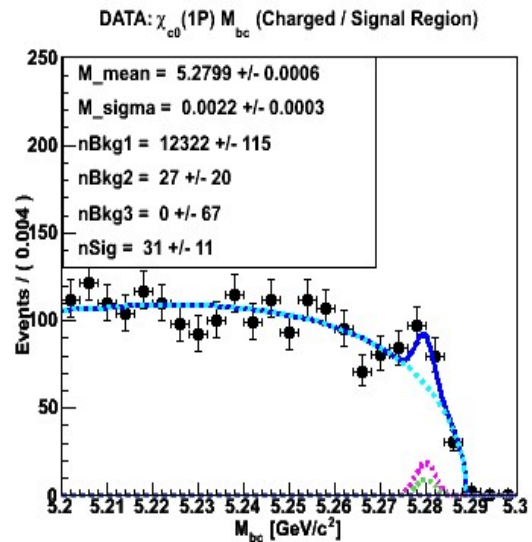
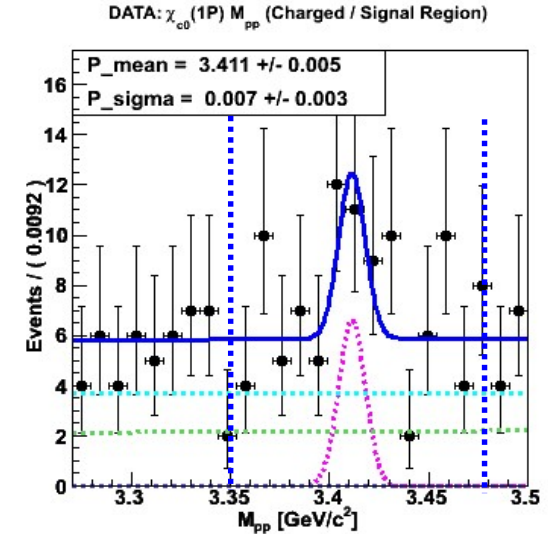
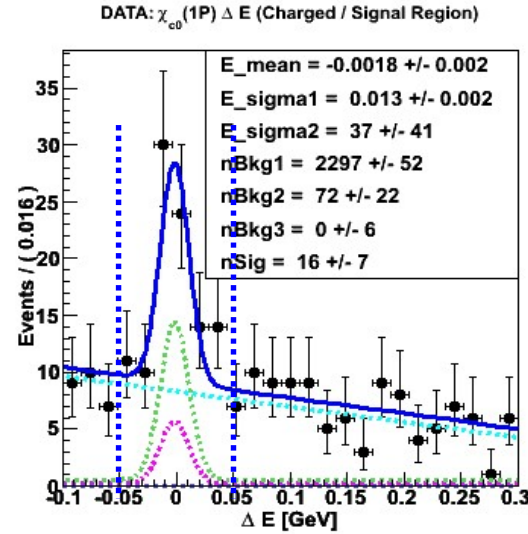
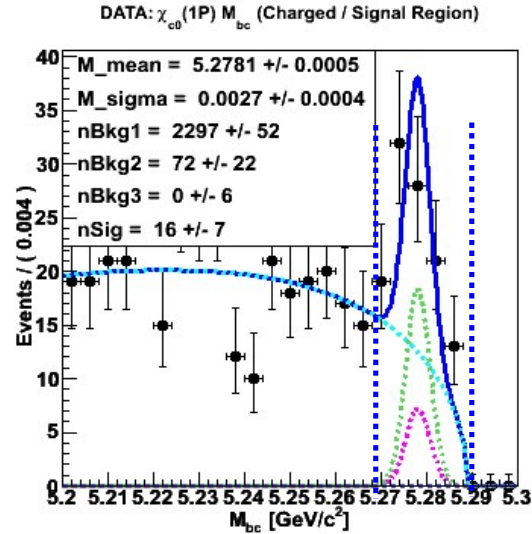
Yield	Efficiency (%)	Significance (σ)	Mass (MeV/c^2)		Product Branching Fraction (10^{-8})	
			measured	PDG 2014	measured	PDG 2014
16.1 ± 7.2	22.4	3.95	3411.23 ± 4.52	3414.75 ± 0.31	9.32 ± 4.19	3.38 ± 0.36

MC: $B^+ \rightarrow X_{c0}(1P)K^+ \rightarrow ppK^+_{LR} > 0.8$



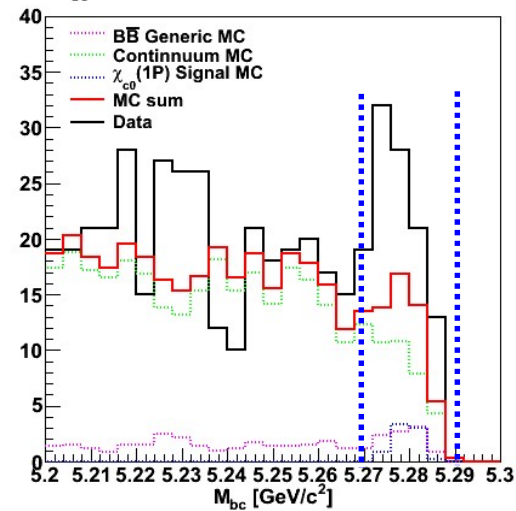
Yield	Efficiency (%)	Significance (σ)	Mass (MeV/c ²)		Product Branching Fraction (10 ⁻⁸)	
			measured	PDG 2014	measured	PDG 2014
Input = 36 31 ± 11 (5.1 ± 4.5)	22.4	(4.47)	3417.24 ± 3.29	3414.75 ± 0.31	2.95 ± 2.62	3.38 ± 0.36

Data & MC: $B^+ \rightarrow \chi_{c0}(1P)K^+ \rightarrow ppK^+ 0.8$

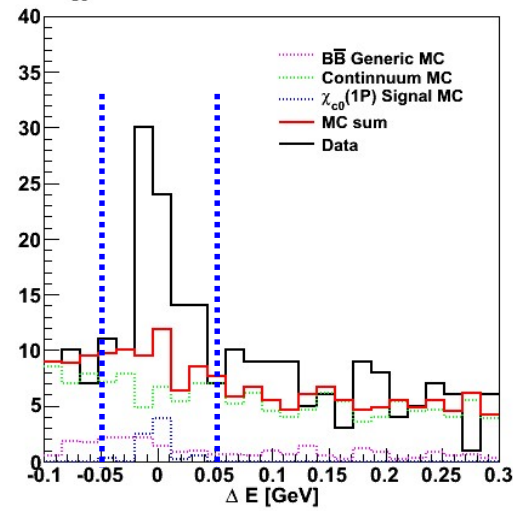


MC & Data: $B^+ \rightarrow \chi_{c0}(1P)K^+ \rightarrow ppK^+ 1.8 > 0.8$

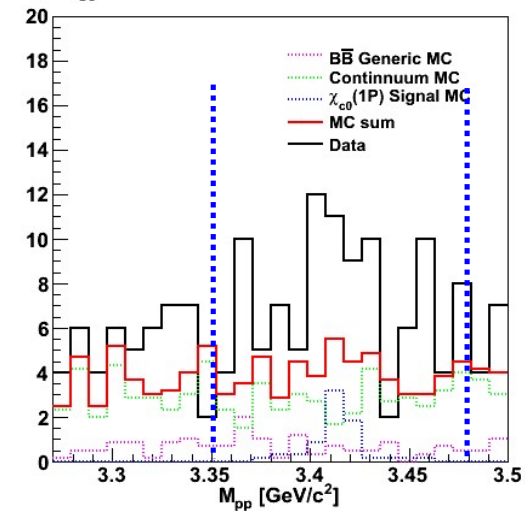
$M_{bc} : \chi_{c0}(1P)$ (Charged)



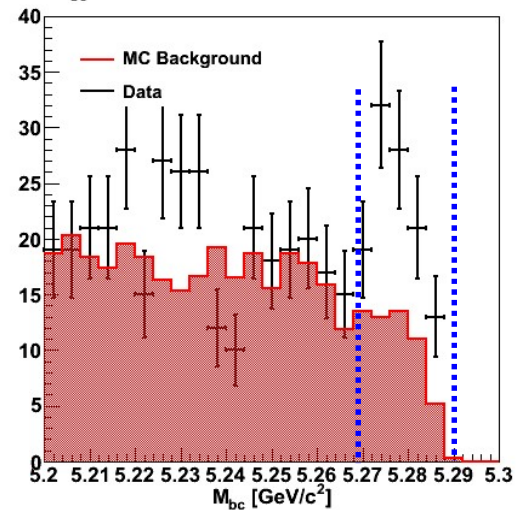
$\Delta E : \chi_{c0}(1P)$ (Charged)



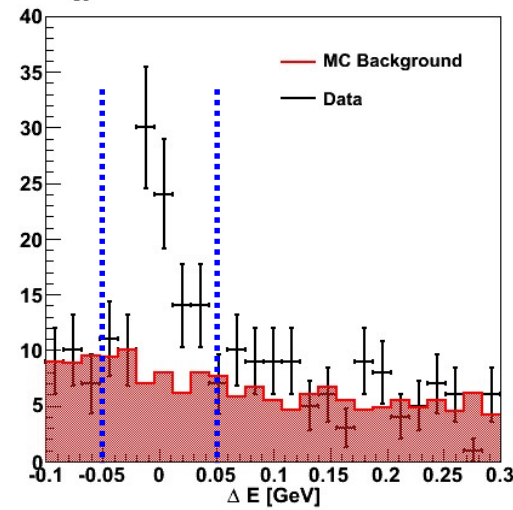
$M_{pp} : \chi_{c0}(1P)$ (Charged)



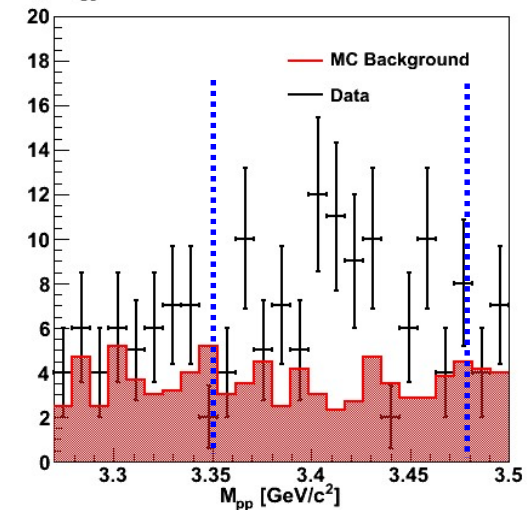
$M_{bc} : \chi_{c0}(1P)$ (Charged)



$\Delta E : \chi_{c0}(1P)$ (Charged)

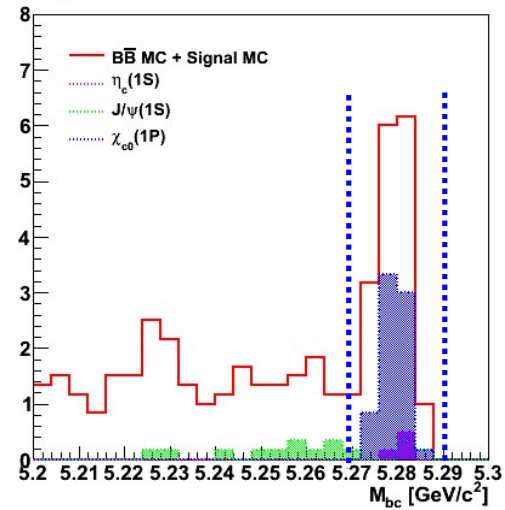


$M_{pp} : \chi_{c0}(1P)$ (Charged)

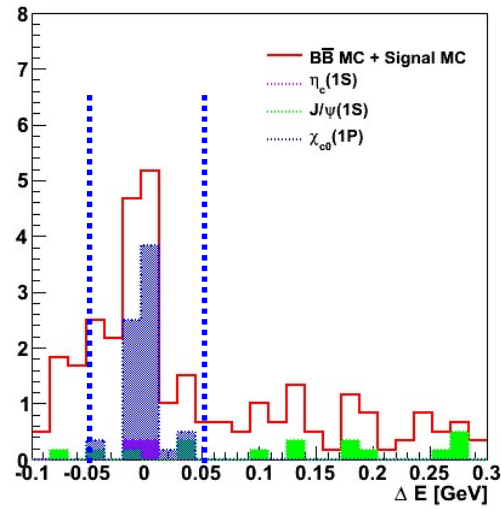


Generic BB MC: $B^+ \rightarrow \chi_{c0}(1P)K^+ \rightarrow \text{LB}^+ \text{pp}K^+$

$M_{bc}: \chi_{c0}(1P)$ (Charged)



$\Delta E: \chi_{c0}(1P)$ (Charged)



$M_{pp}: \chi_{c0}(1P)$ (Charged)

