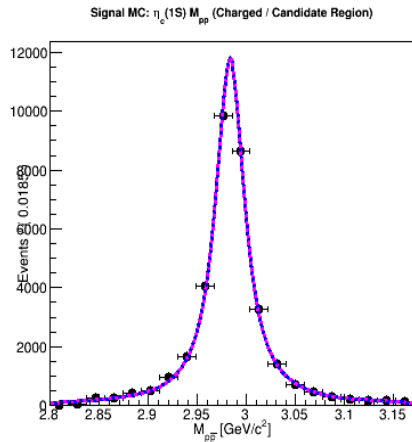
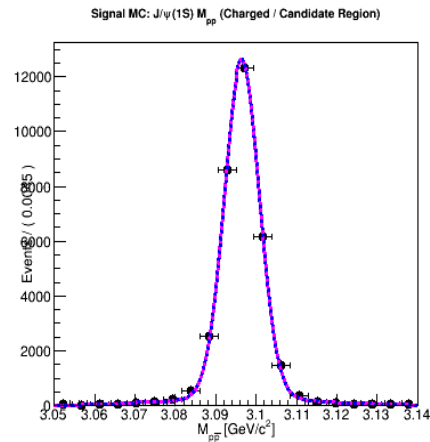


$$B^+ \rightarrow (c\bar{c})K^+ \rightarrow p\bar{p}K^+$$

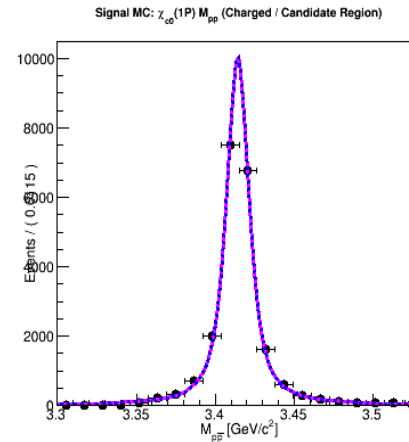
$\eta_c(1S)$



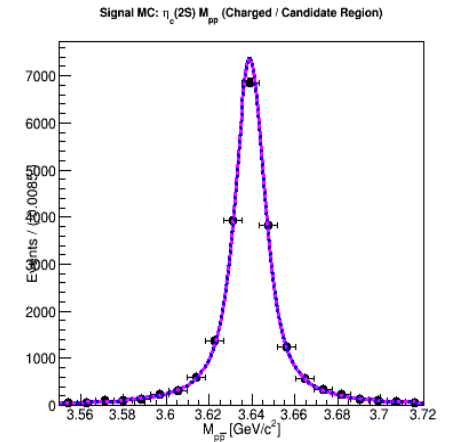
J/ψ



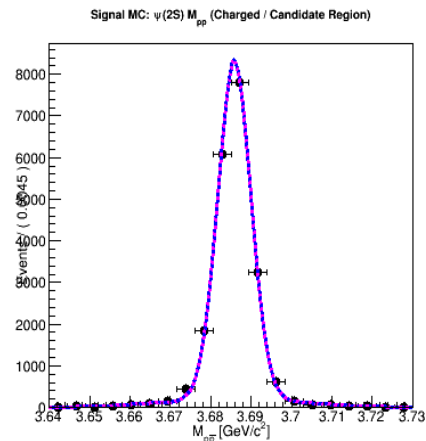
$\chi_{c0}(1P)$



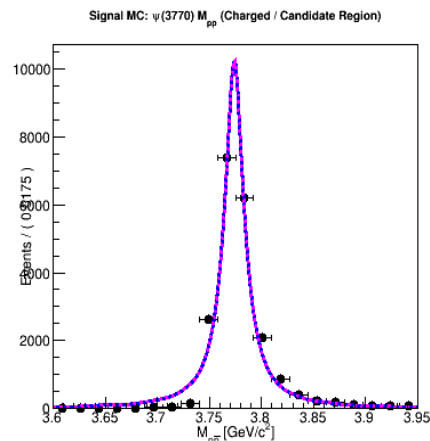
$\eta_c(2S)$



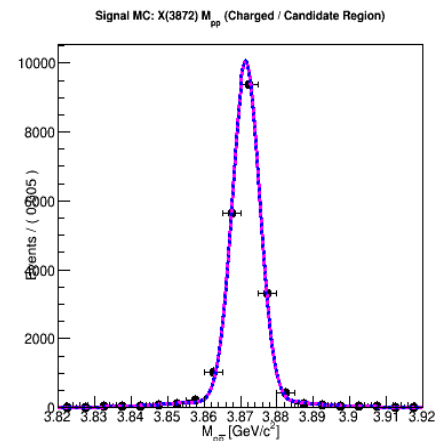
$\Psi(2S)$



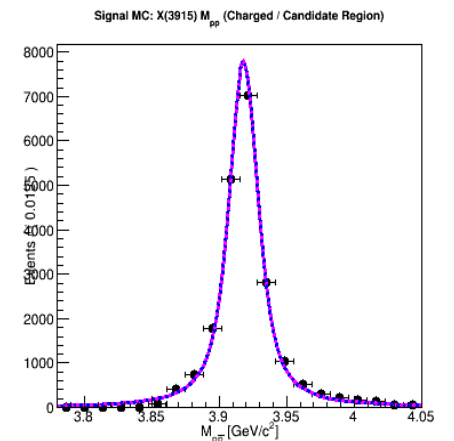
$\Psi(3770)$



$X(3872)$

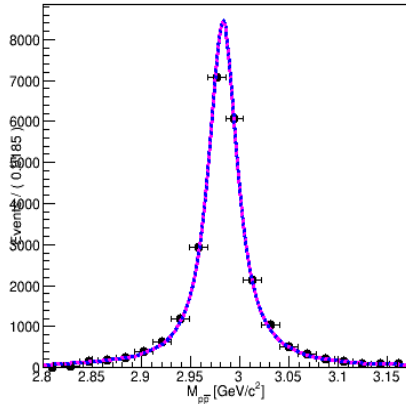
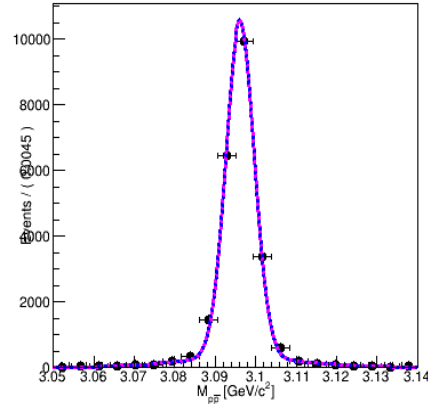
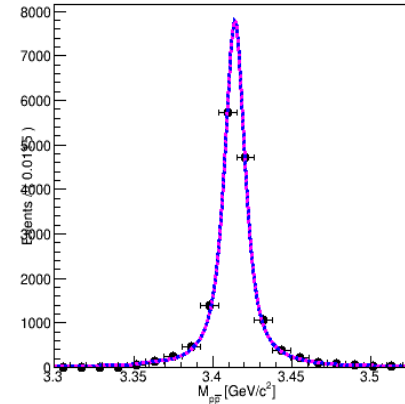
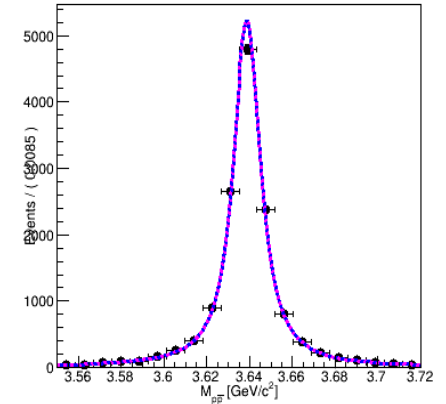
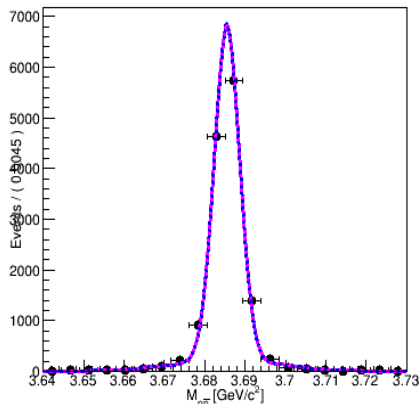
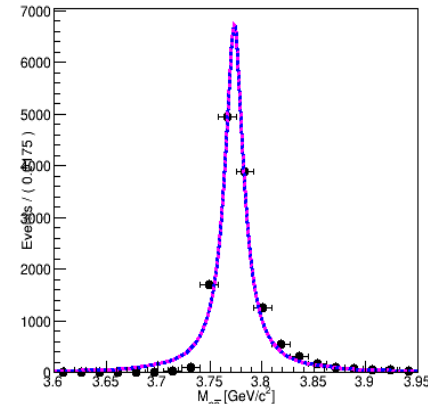
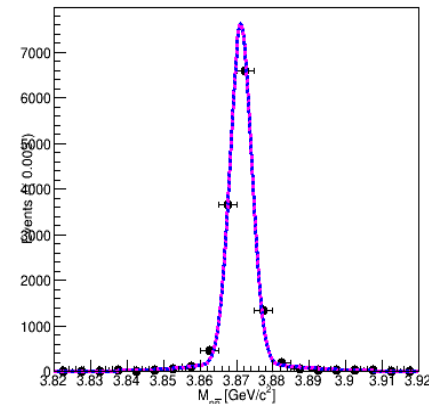
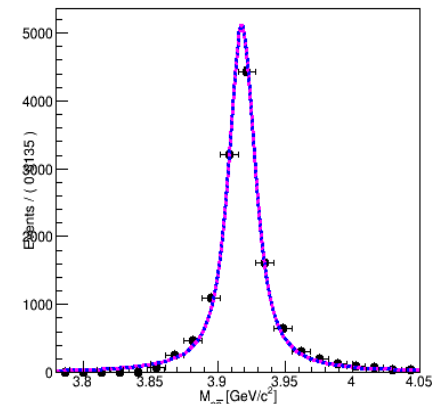


$X(3915)$



Signal MC - 0.1 M event generated

$$B^0 \rightarrow (c\bar{c})K_s^0 \rightarrow p\bar{p} K_s^0$$

 $\eta_c(1S)$ Signal MC: $\eta_c(1S) M_{p\bar{p}}$ (Neutral / Candidate Region) J/ψ Signal MC: $J/\psi(1S) M_{p\bar{p}}$ (Neutral / Candidate Region) $\chi_{c0}(1P)$ Signal MC: $\chi_{c0}(1P) M_{p\bar{p}}$ (Neutral / Candidate Region) $\eta_c(2S)$ Signal MC: $\eta_c(2S) M_{p\bar{p}}$ (Neutral / Candidate Region) $\Psi(2S)$ Signal MC: $\psi(2S) M_{p\bar{p}}$ (Neutral / Candidate Region) $\Psi(3770)$ Signal MC: $\psi(3770) M_{p\bar{p}}$ (Neutral / Candidate Region) $X(3872)$ Signal MC: $X(3872) M_{p\bar{p}}$ (Neutral / Candidate Region) $X(3915)$ Signal MC: $X(3915) M_{p\bar{p}}$ (Neutral / Candidate Region)

Signal MC - 0.1 M event generated

Parameters

B ⁺ Decay	Mean	Voigtian (BW)		Two Gaussian			
		Sigma	Width	Sigma1	Sigma2	Fraction1	Fraction2
$\eta_c(1S)$	2.9830	0.00473	0.0332	-	-	-	-
J/ ψ	3.0965	-	-	0.00438	0.0182	111	10
$\chi_{c0}(1P)$	3.4143	0.00441	0.0116	-	-	-	-
$\eta_c(2S)$	3.6391	0.00353	0.0129	-	-	-	-
$\Psi(2S)$	3.6858	-	-	0.00419	0.0168	103	10
$\Psi(3770)$	3.7739	-	0.0235	-	-	-	-
X(3872)	3.8715	-	-	0.00383	0.0173	109	10
X(3915)	3.9181	0.00646	0.0178	-	-	-	-
B ⁰ Decay	Mean	Voigtian (BW)		Two Gaussian			
		Sigma	Width	Sigma1	Sigma2	Fraction1	Fraction2
$\eta_c(1S)$	2.9824	0.00509	0.0319	-	-	-	-
J/ ψ	3.0962	-	-	0.00358	0.0158	85	11
$\chi_{c0}(1P)$	3.4140	0.00366	0.0113	-	-	-	-
$\eta_c(2S)$	3.6388	0.00235	0.0136	-	-	-	-
$\Psi(2S)$	3.6855	-	-	0.00325	0.0146	72	10
$\Psi(3770)$	3.7733	-	0.0230	-	-	-	-
X(3872)	3.8712	-	-	0.00307	0.0164	104	11
X(3915)	3.9179	0.00498	0.0185	-	-	-	-