

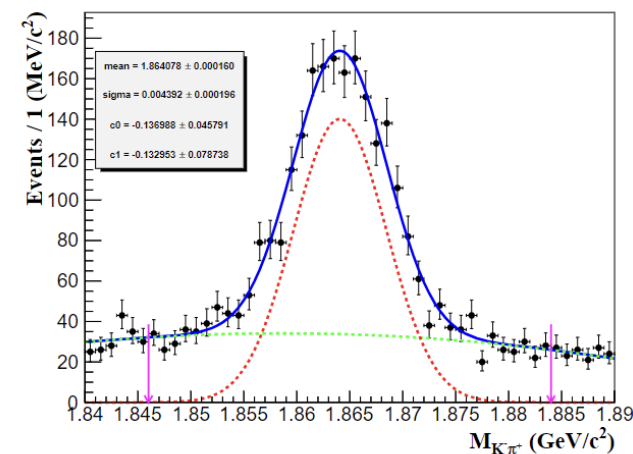
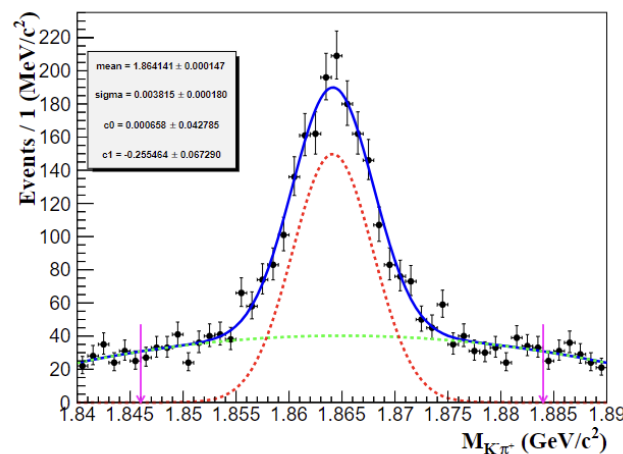
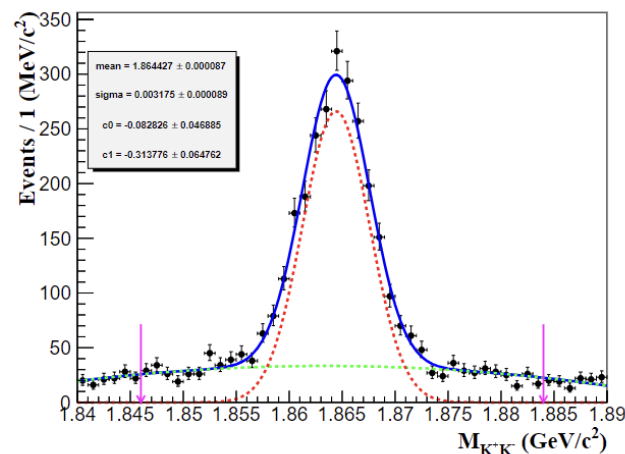
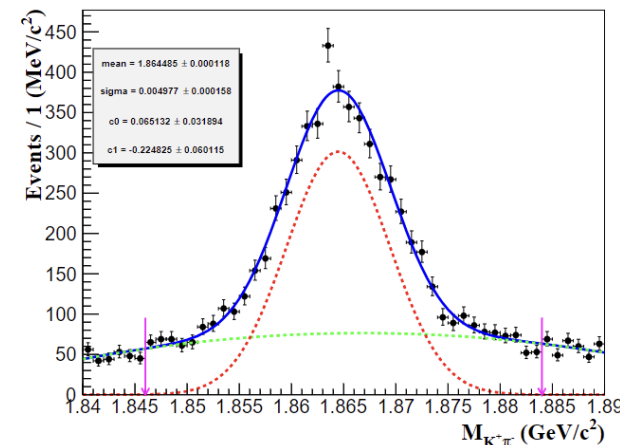
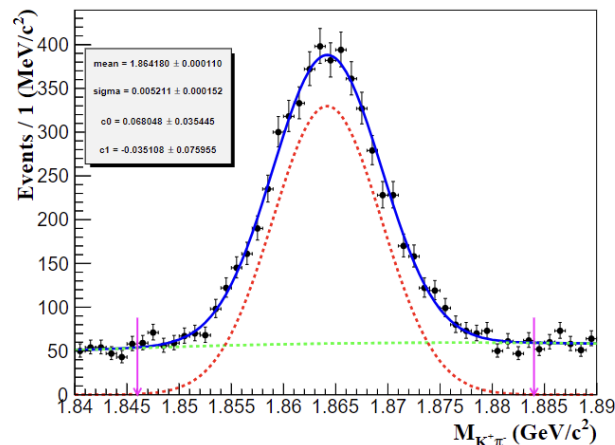
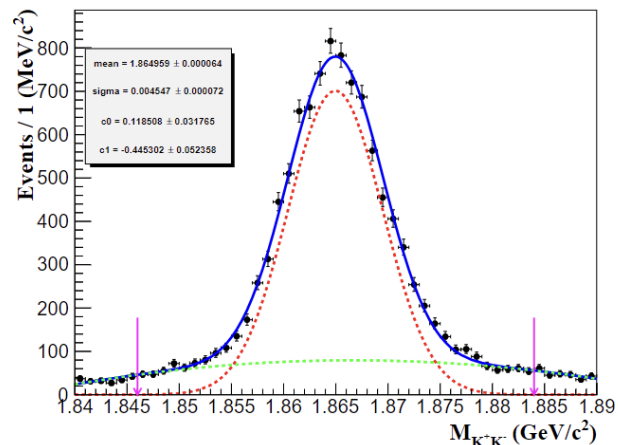
Systematic uncertainty on ε variation

Generator Model	ε_{sig} [%] (Belle)	Relative Uncertainty [%] (Belle)
PHSP	16.27	—
$B^0 \rightarrow K^{*+}[\rightarrow K^+\pi^0]K^-$	16.08	1.17
$B^0 \rightarrow \phi[\rightarrow K^+K^-]\pi^0$	24.47	

Charm veto window

$$1.846 < M_{K^\pm\pi^\mp}, M_{KK} < 1.884 \text{ GeV}/c^2$$

Veto window	M_{KK}	$M_{K^+\pi^-}$	$M_{K^-\pi^+}$
Belle	4.18σ	3.65σ	3.82σ
Belle II	5.98σ	4.98σ	4.32σ



backup

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Decay Upsilon(4S)
1.0 B0 anti-B0 VSS_BMIX dm;
Enddecay

# K*(892)
Decay B0
1.0 K*+ K- SVS;
Enddecay
CDecay anti-B0

Decay K*+
1.0 K+ pi0 VSS;
Enddecay
CDecay K*-

End

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Decay Upsilon(4S)
1.0 B0 anti-B0 VSS_BMIX dm;
Enddecay

Decay B0
1.0 phi pi0 PHOTOS SVS;
Enddecay
CDecay anti-B0

Decay phi
1.0 K+ K- PHOTOS VSS;
Enddecay

End

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