

Q1: L107 Do you looping the 5 photons or just 4 photons except for the radiative photon from Jpsi?

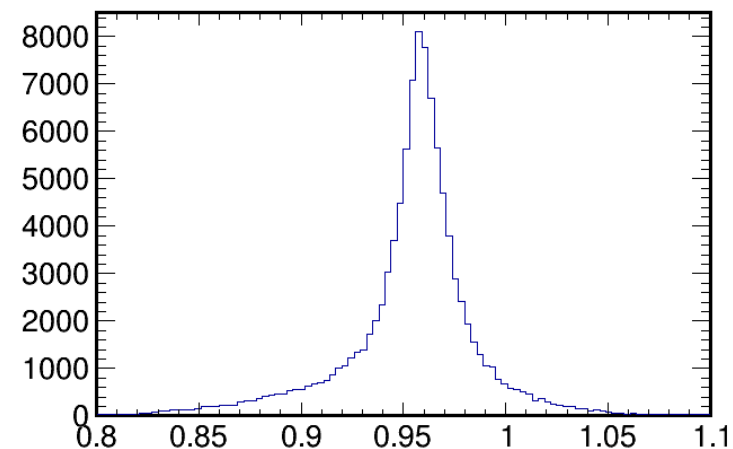
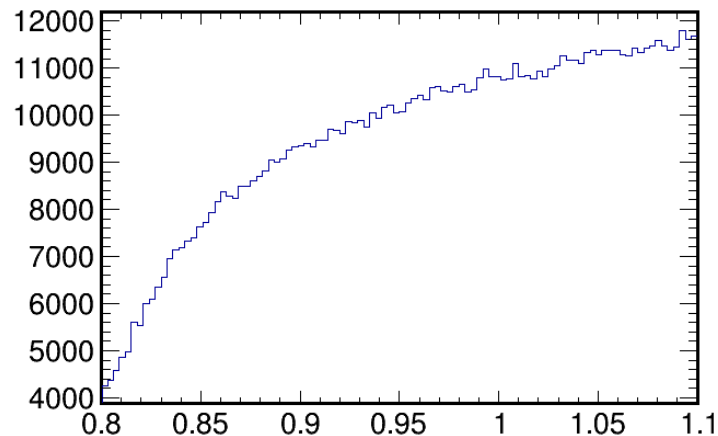
A1: Here I loop all the photons to select the final 5 photon candidates when the χ^2_{4c} reached the minimum value.

Q2: L148 mass spectra of gammagammapi0, here the gammagamma also means gamma1gamma2?

A2: Yes, here the gammagamma also means gamma1gamma2, both of them are from η' .

Q3: L165 You say, since we require $\Delta E_{\text{appi0}} < \Delta E_{\text{api0}}$, there will be a peak in the signal region of $J\psi \rightarrow \omega \pi^0$. Does it mean that if you do not use this cut, the background shape of $J\psi \rightarrow \omega \pi^0$ will not be a peak here? Could you please show me the shape without the cut of $\Delta E_{\text{appi0}} < \Delta E_{\text{api0}}$? Thank you!

A3: Sure, the following picture in the left represents the shape without the cut of $\Delta E_{\text{appi0}} < \Delta E_{\text{api0}}$, and the picture in the right is the shape with the cut of $\Delta E_{\text{appi0}} < \Delta E_{\text{api0}}$.



Q4: L234 od->of?

A4: Corrected.

Q5: Table9 Why the systematic uncertainty from barrier factor and classl background is so large for the etap->gammagammapi0(NR)?

A5:

	ω	ρ	NR
nominal	14200 ± 213	1170 ± 102	156 ± 40
Detector resolution	14260 ± 230 0.4%	1130 ± 107 3.4%	166 ± 42 6.5%
Barrier factor	14700 ± 226 3.5%	1170 ± 106 0.0%	104 ± 37 33.3%
Class I background	14250 ± 218	1210 ± 106	128 ± 38
	14140 ± 219	1119 ± 102	188 ± 46
	0.4%	3.4%	18.3%
Class II background	14170 ± 220	1170 ± 104	151 ± 42
	14220 ± 218	1179 ± 103	162 ± 43
	0.2%	0.8%	3.3%
			3.9%

