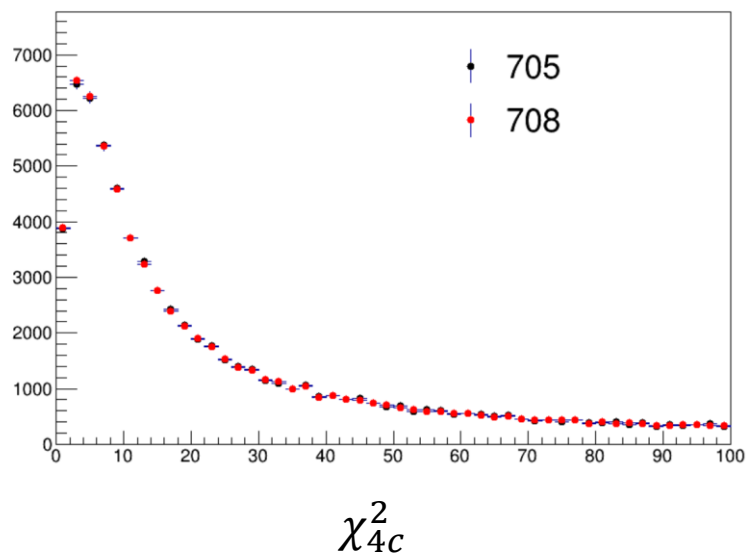
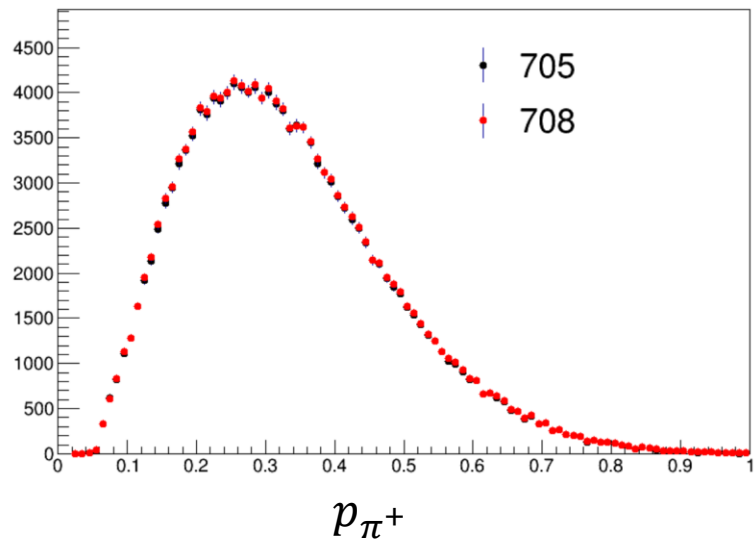
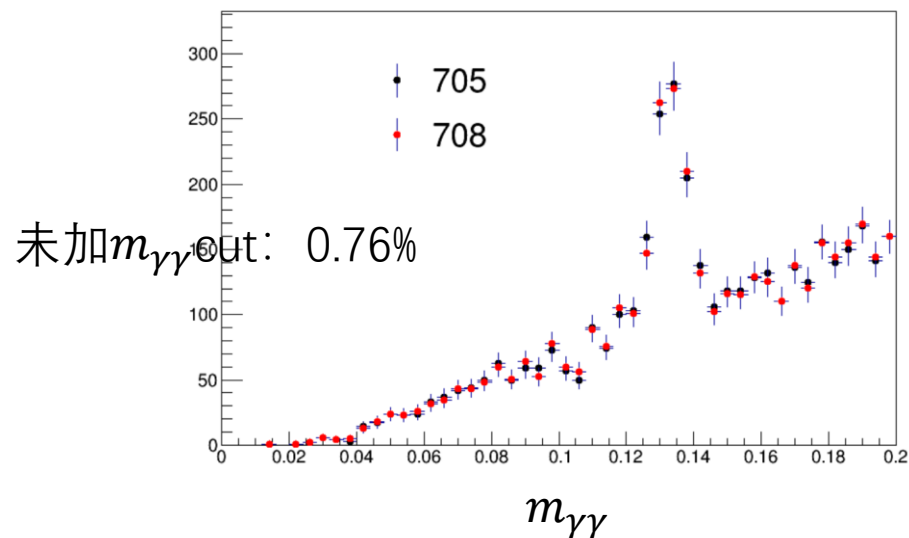


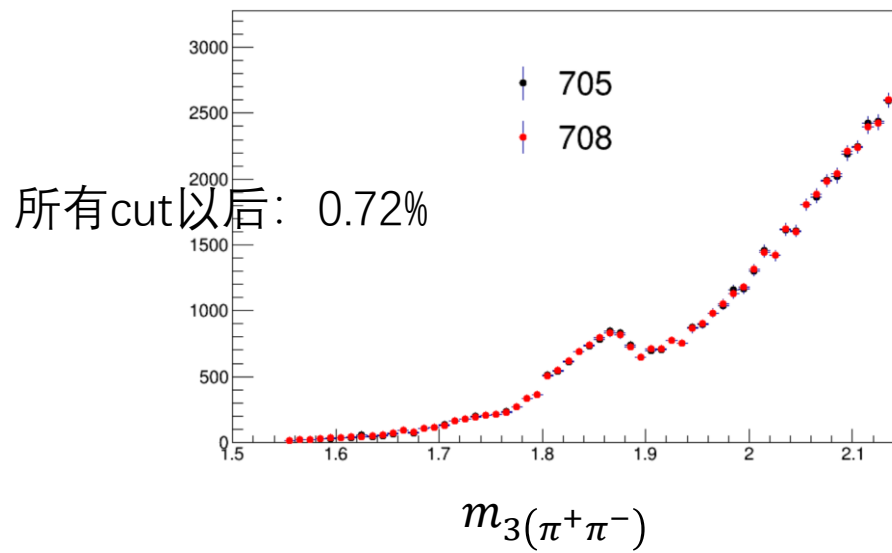
$J/\psi \rightarrow \gamma 6\pi 708$ & 705对比



经过主程序未加额外cut: 0.91%



未加 $m_{\gamma\gamma}$ cut: 0.76%



所有cut以后: 0.72%

$m_3(\pi^+\pi^-)$ 拟合结果

	1.55 – 2.1	1.55 – 2.1	1.55 – 2.1	1.55 – 2.1
M_{X1840}	$1.826 \pm 0.003 GeV$	$1.827 \pm 0.003 GeV$	$1.827 \pm 0.003 GeV$	$1.827 \pm 0.003 GeV$
Γ_{X1840}	$0.062 \pm 0.003 GeV$	$0.063 \pm 0.004 GeV$	$0.061 \pm 0.004 GeV$	$0.062 \pm 0.004 GeV$
$M_{Xnarrow}$	$1.880 \pm 0.002 GeV$	$1.880 \pm 0.002 GeV$	$1.879 \pm 0.002 GeV$	$1.879 \pm 0.002 GeV$
$\Gamma_{Xnarrow}$	$0.032 \pm 0.003 GeV$	$0.032 \pm 0.003 GeV$	$0.031 \pm 0.003 GeV$	$0.032 \pm 0.004 GeV$
N_{X1840}	18788	17254	14929	22574
$N_{Xnarrow}$	12917	11507	7961	16107
N_{int}	-12459	-9662	-3114	-18989
N_{tot}	19245 ± 571	19099 ± 1021	19777 ± 1426	19692 ± 1462
β	0.60 ± 0.08	0.58 ± 0.08	0.52 ± 0.08	0.60 ± 0.05
θ	3.2 ± 0.8	3.1 ± 0.4	2.7 ± 0.5	3.4 ± 0.4
N_{BW3}	64011 ± 3843	65181 ± 5507	60967 ± 3732	61283 ± 6641
eff.	18.0%	18.0%	18.2%	18.2%
Nll	-3291598.2	-3291598.1	-3301361.7	-3301361.3

	1.55 – 2.1	1.55 – 2.1	1.55 – 2.1
β	0.60 ± 0.08	0.587 ± 0.07	0.544 ± 0.08
θ	3.2 ± 0.8	3.06 ± 0.4	2.86 ± 0.4
Nll	-3291598.2	-3291598.095	-3291598.138