

# **Belle Analysis Status**

**24<sup>th</sup>, April, 2018**

**Seongbae Yang**  
**Department of Physics**  
**Korea University**

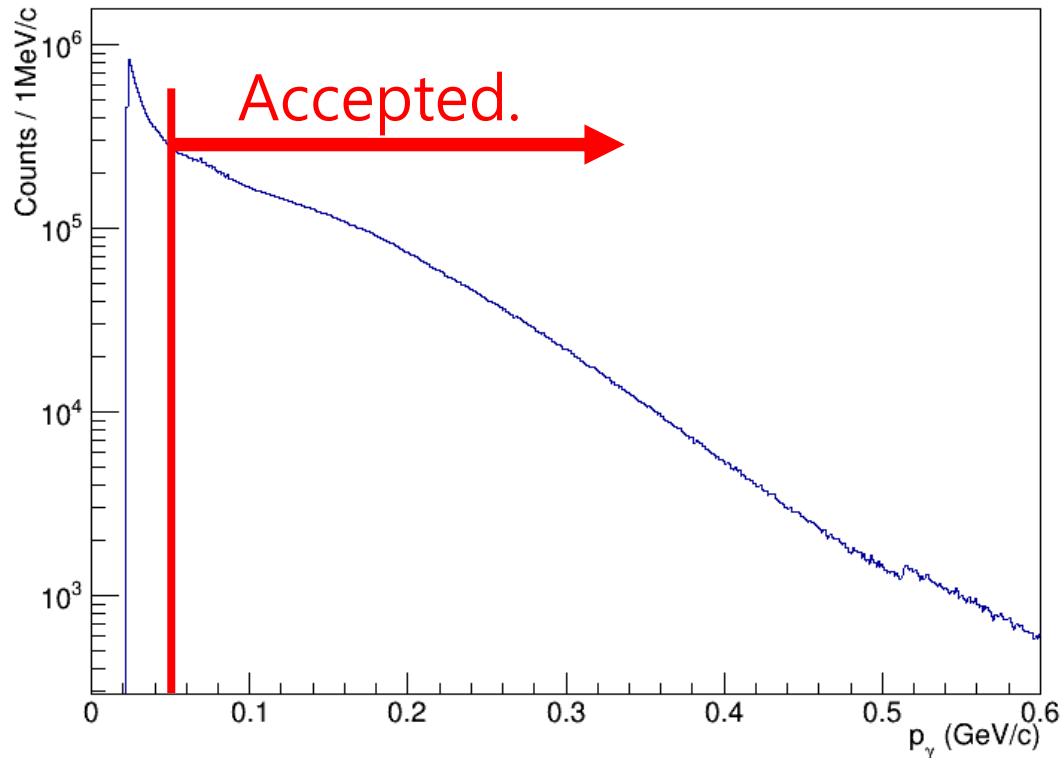
○ Analysis with added gamma

→ Test channel:  $\Sigma^0 \rightarrow \Lambda \gamma$ , Data sample: Exp65,  $\Upsilon(1s)$  on

→ gammas in 'Mdst\_gamma'

→ We assume that gamma generated at the IP.

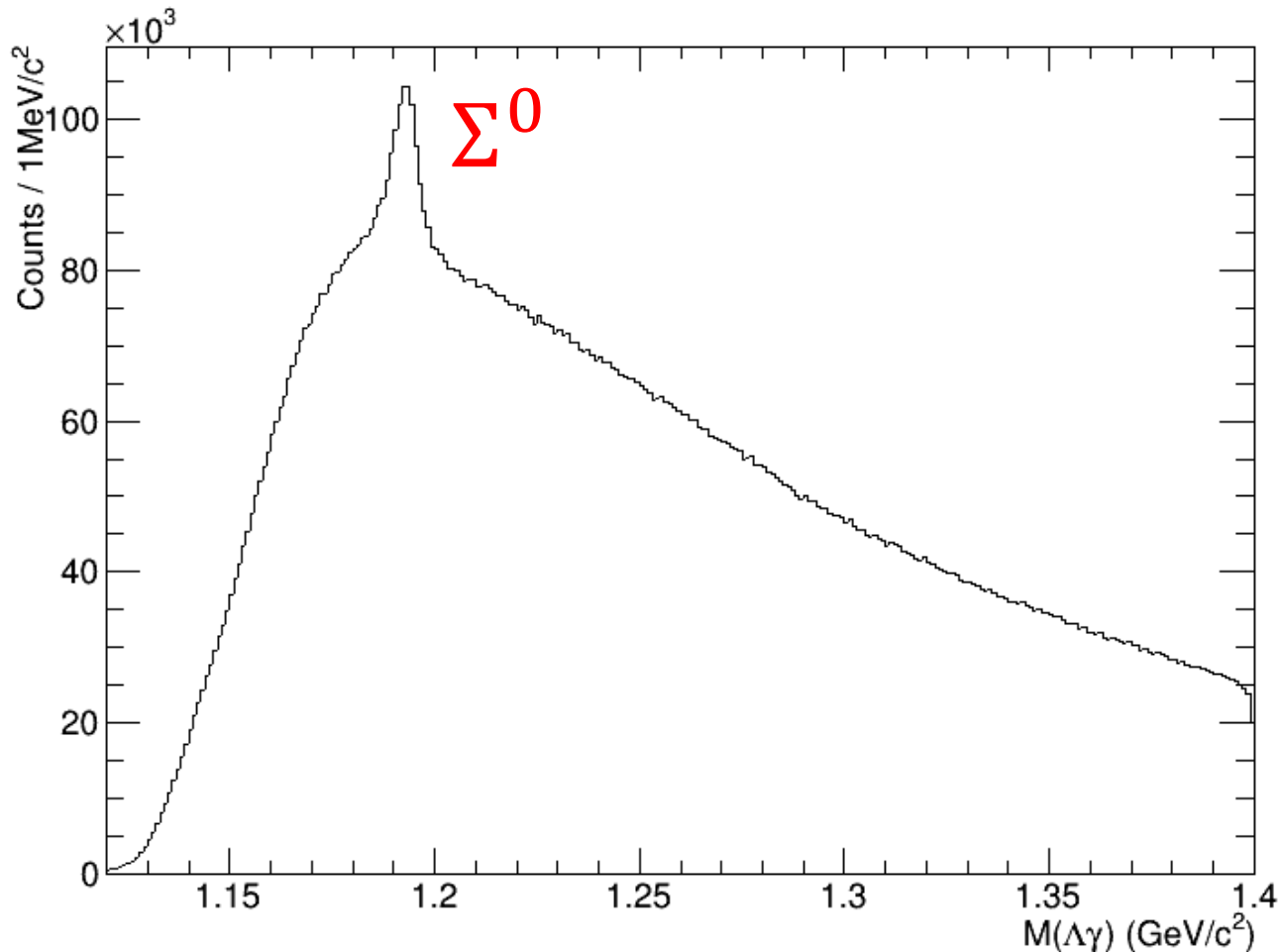
→ gamma momentum distribution on the laboratory frame.



→  $M(\Lambda\gamma)$  distribution.

Cut:  $E_\gamma > 50$  MeV,

GooLambda == 2 and  $1.1107 < M(p\pi^-) < 1.1207$  GeV



Mean: 1.1926 GeV

Width(FWHM): 7 MeV

