

JLab Analysis Meeting

K. Itabashi

*nn*Λ analysis

Raw data of E12-17-003 experiment

Analyzer ver. 1.6.5

Root files

*nn*Λ Analysis

- Event Selection
- Matrix tuning

Tohoku
Missing mass

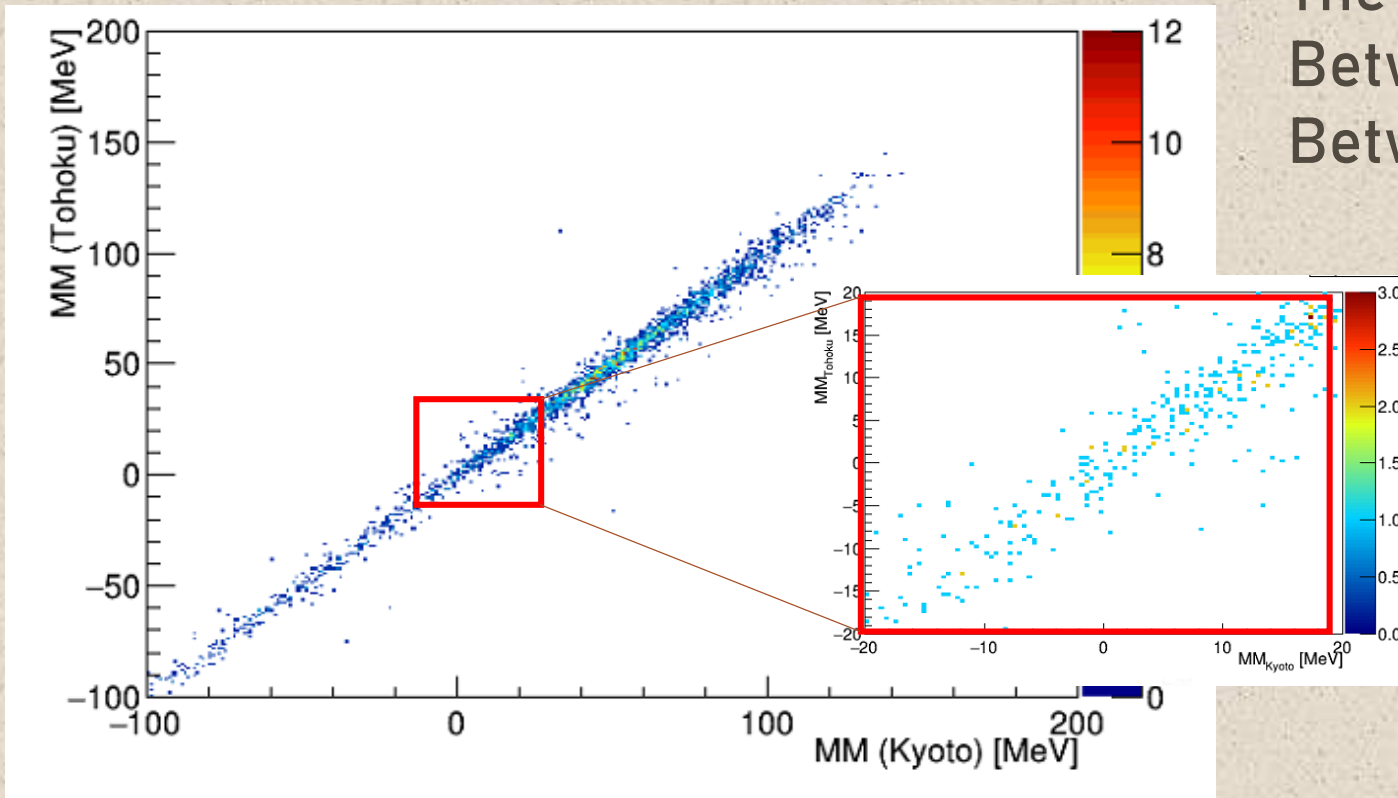
Kyoto
Missing mass

Hampton
Missing mass

Event Matching
(Comparing with each root file events by events)

Event Matching (Tohoku and Kyoto)

$nn\Lambda$ distribution Tohoku and Kyoto



The Event matching
Between Kyoto and Tohoku → OK
Between Hampton and others → **not yet**

Event matching checks
between Hampton and others will
give us information of Al peaks of
Bishnu's histogram.

Event Matching Study

Raw data of E12-17-003 experiment

Analyzer ver. 1.6.5

Root files

I can check events by events
(Tohoku and Kyoto)
mm, momentum, z, angles

nn Λ Analysis

- Event Selection
- Matrix tuning

Tohoku
Missing mass

Kyoto
Missing mass

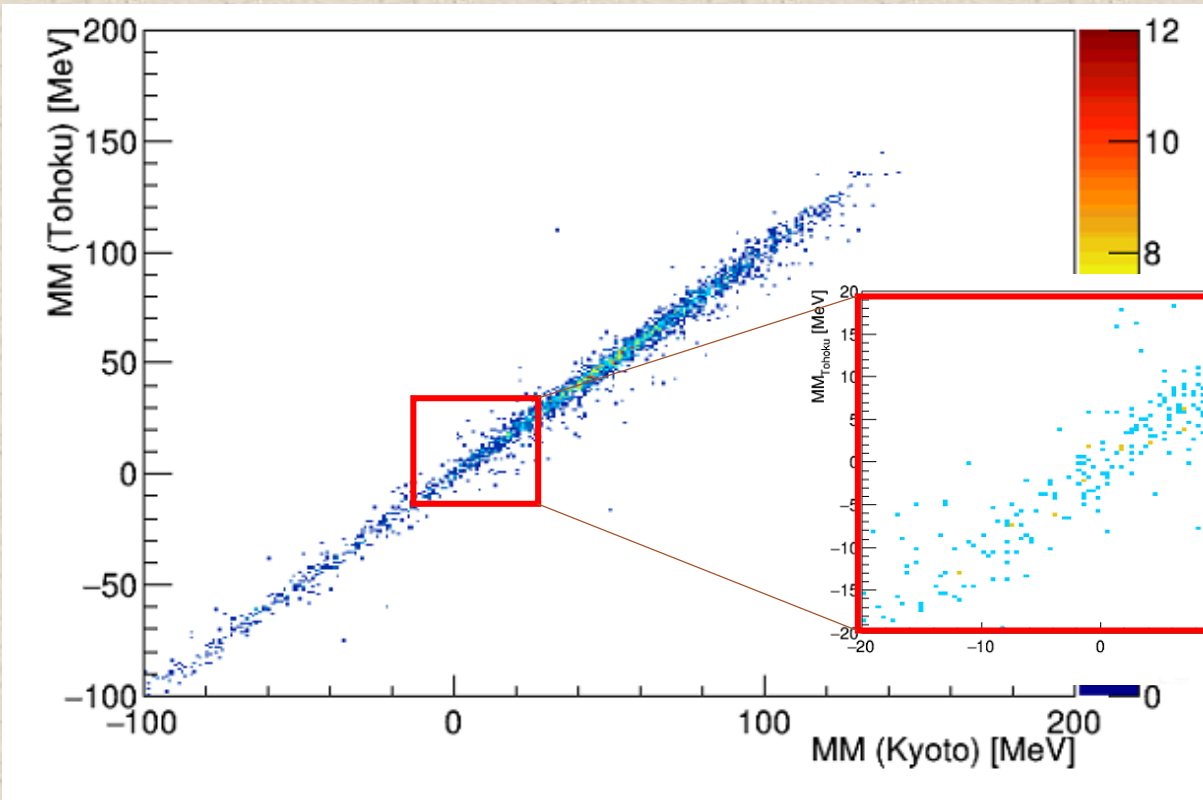
Hampton
Missing mass

Event Matching
(Comparing with each root file events by events)

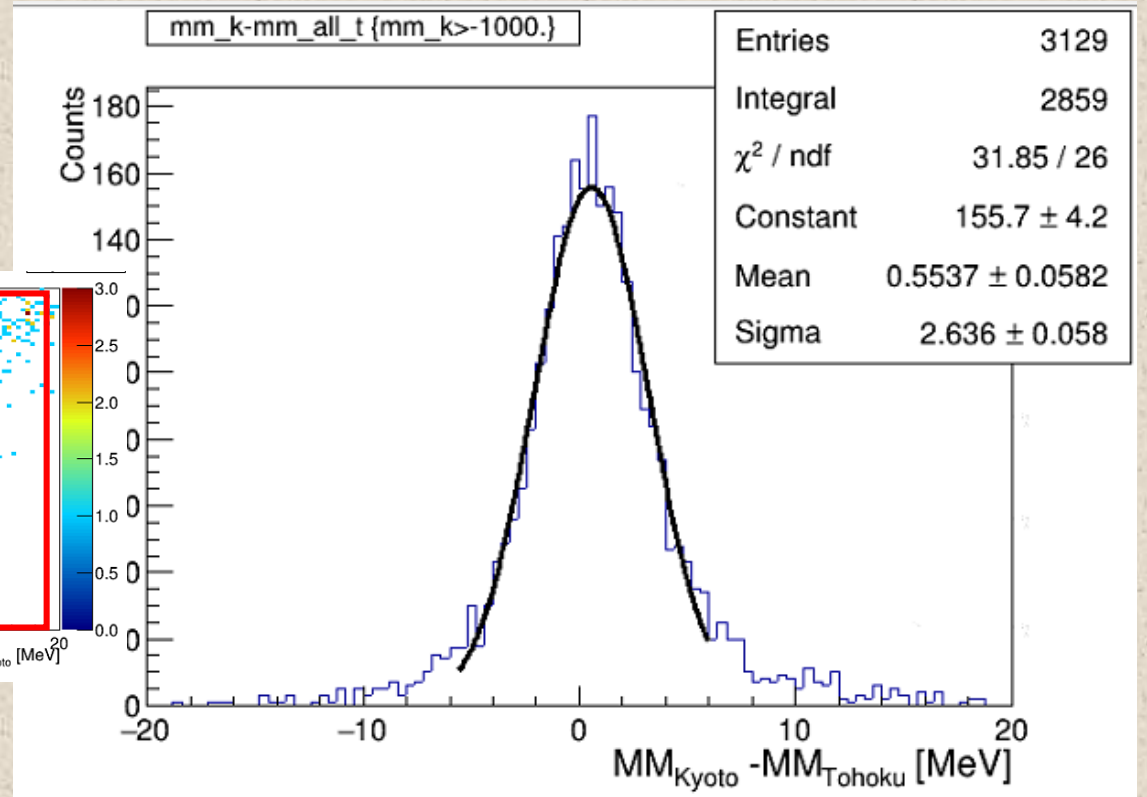
I will check Bishnu's missing mass with Tohoku and Kyoto distributions.

Event Matching (Tohoku and Kyoto)

$nn\Lambda$ distribution Tohoku and Kyoto



Mass difference between Tohoku and Kyoto histograms



Event Matching

