FCAL energy calibration QC

Igal Jaeglé

Thomas Jefferson National Accelerator Facility

for the GlueX Collaboration

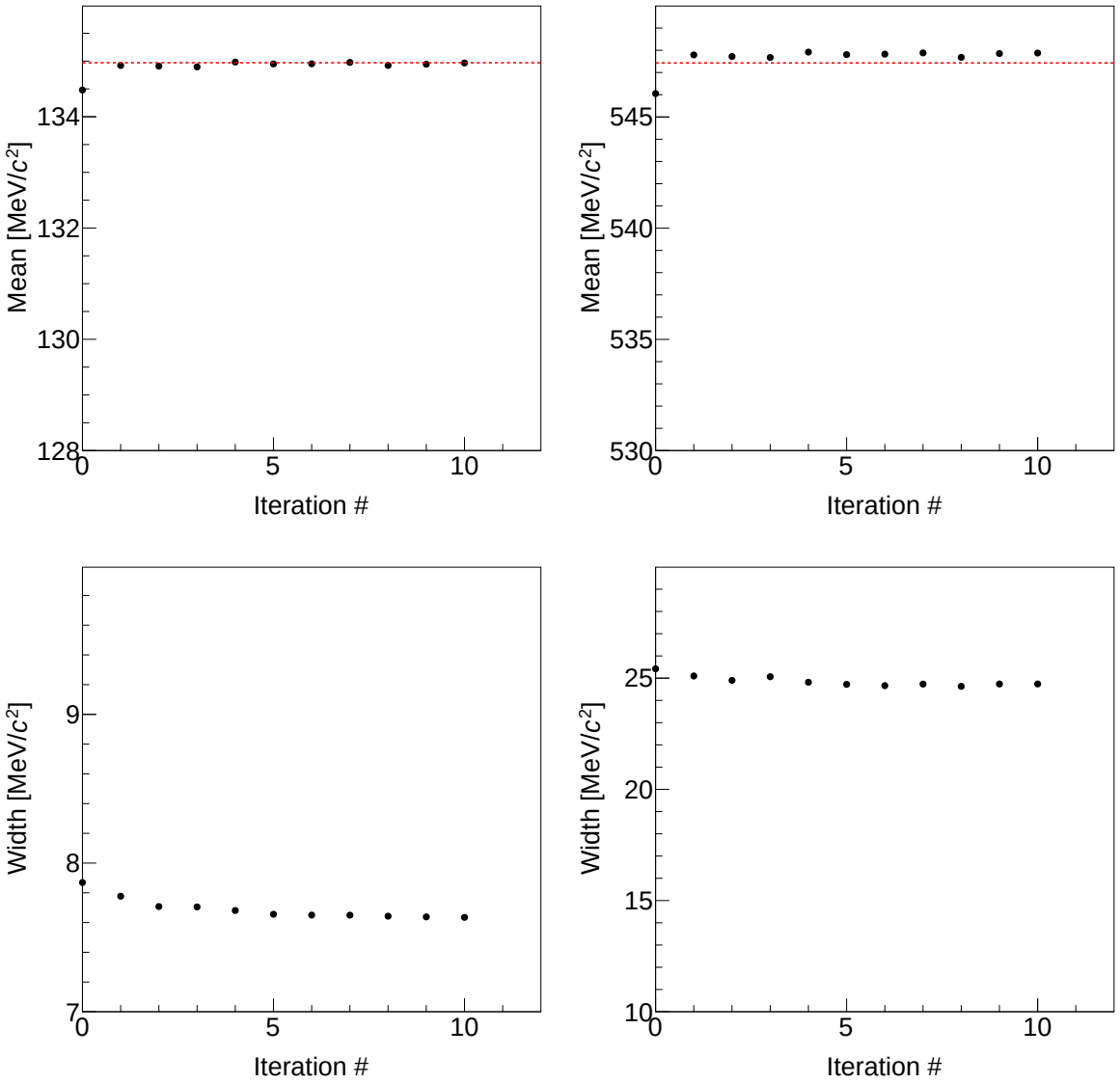
period45

Table of contents

1. Overall QC
2. QC per rings

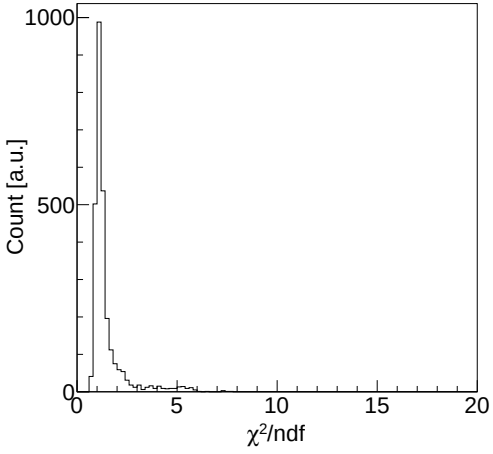
Overall QC vs iteration

- π^0
- η

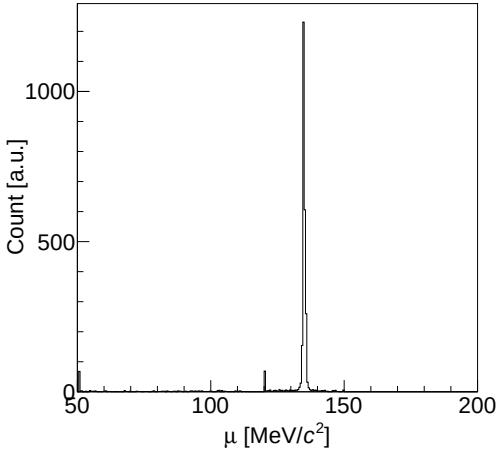


Overall QC, summary distributions

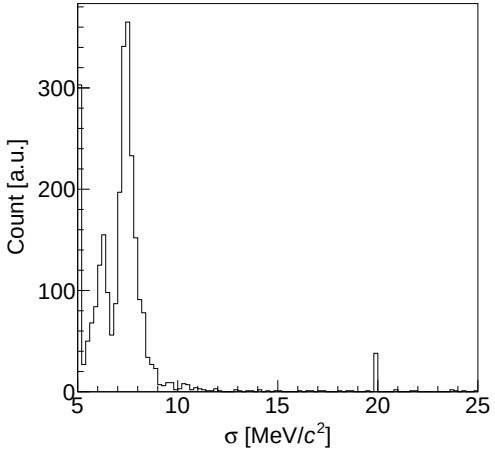
- χ^2 distribution



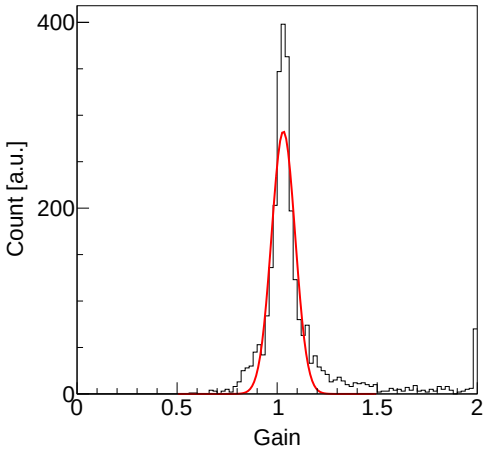
- Fitted peak distribution



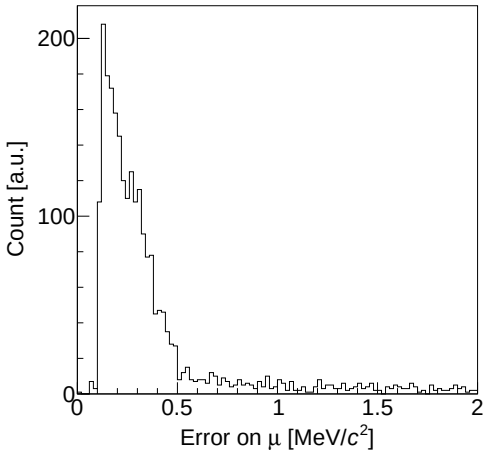
- Fitted width distribution



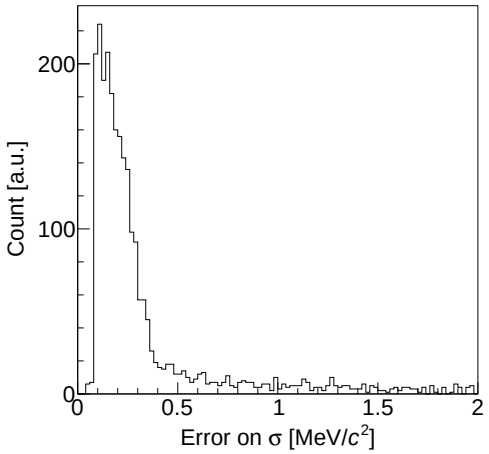
- Gain distribution



- Fitted peak error distribution

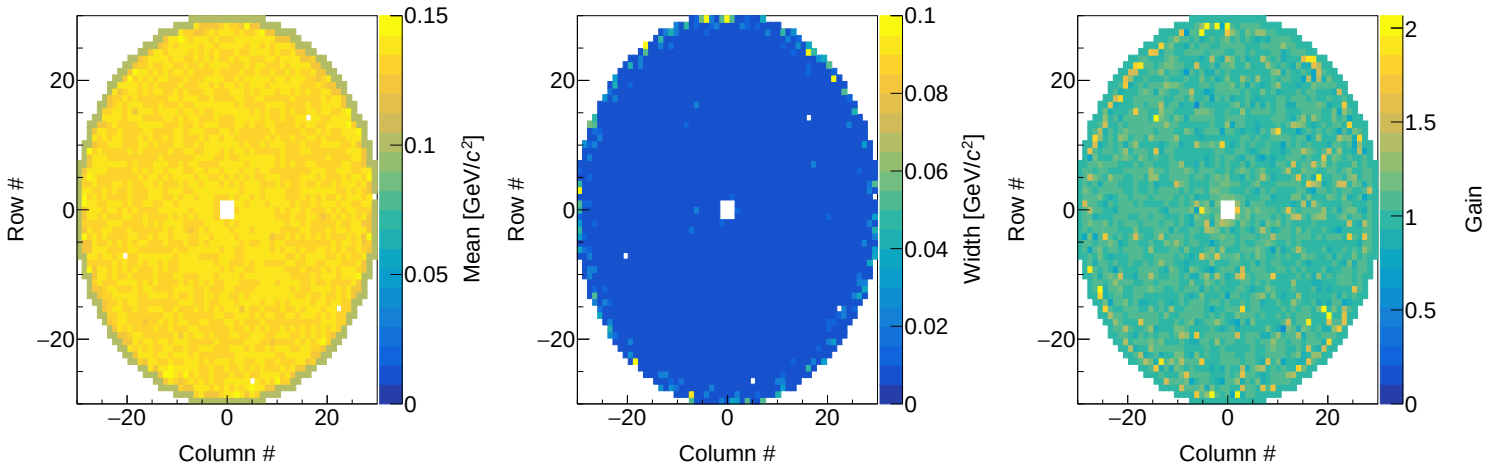


- Fitted width error distribution

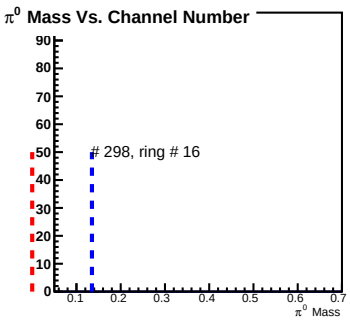


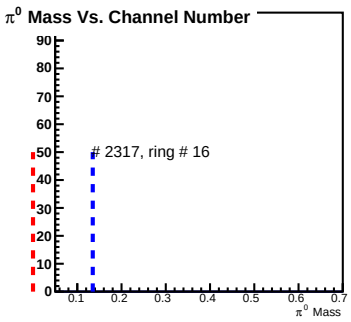
Overall QC, summary maps

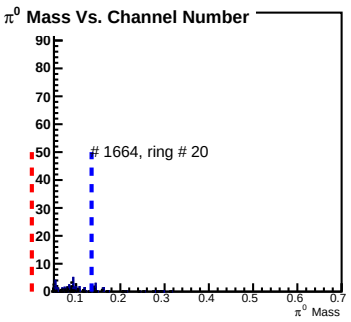
- Fitted peak map
- Fitted width map
- Gain map

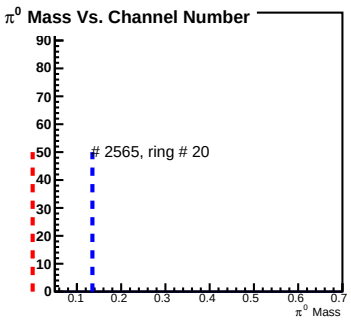


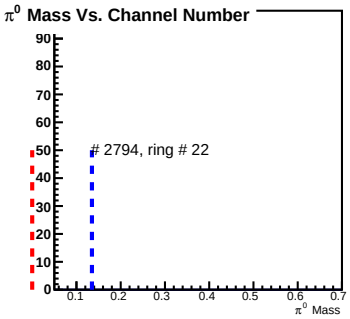
Overall QC, bad channels







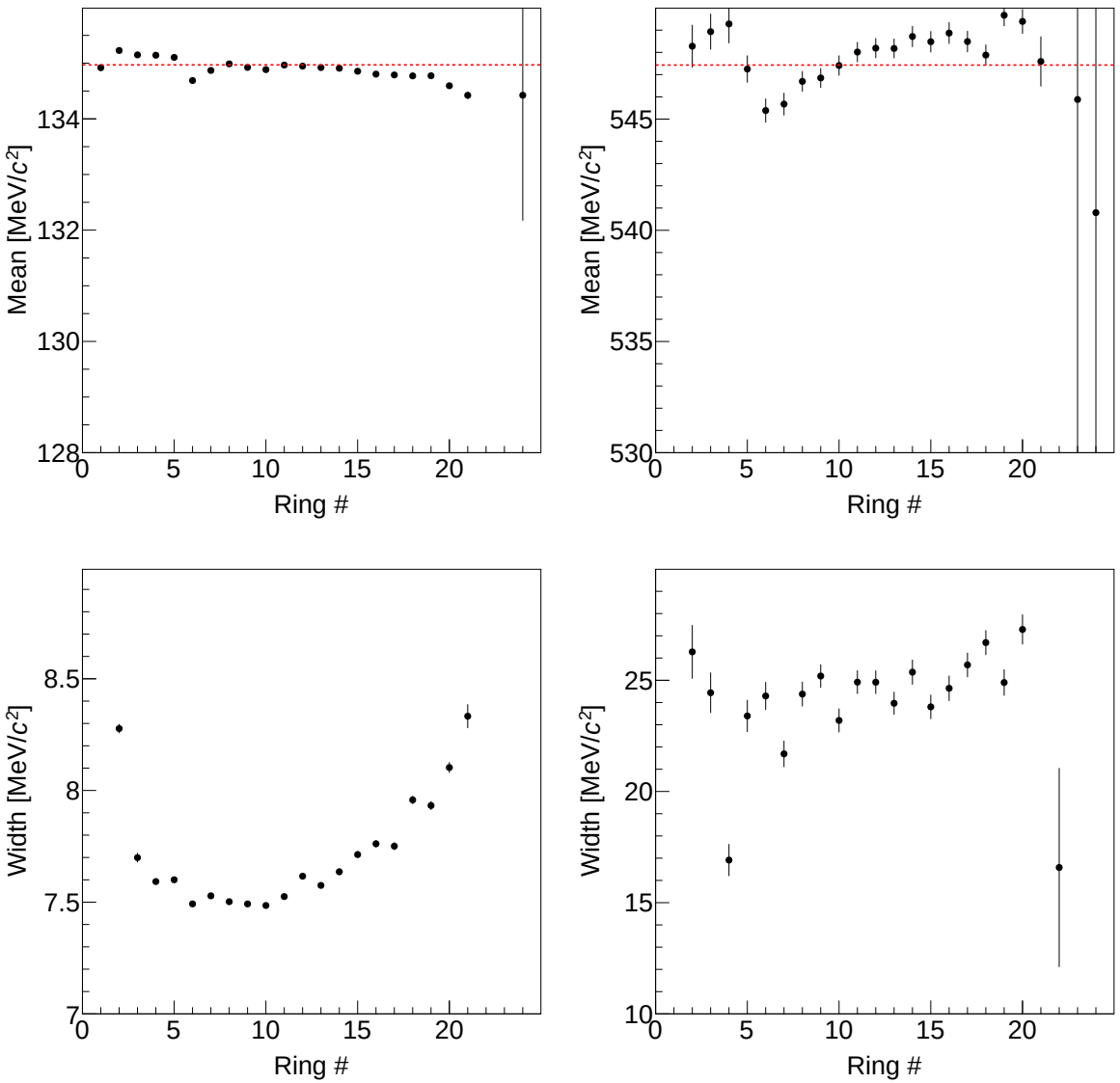




QC per rings

If radius divided by 5 cm, there is 24 rings

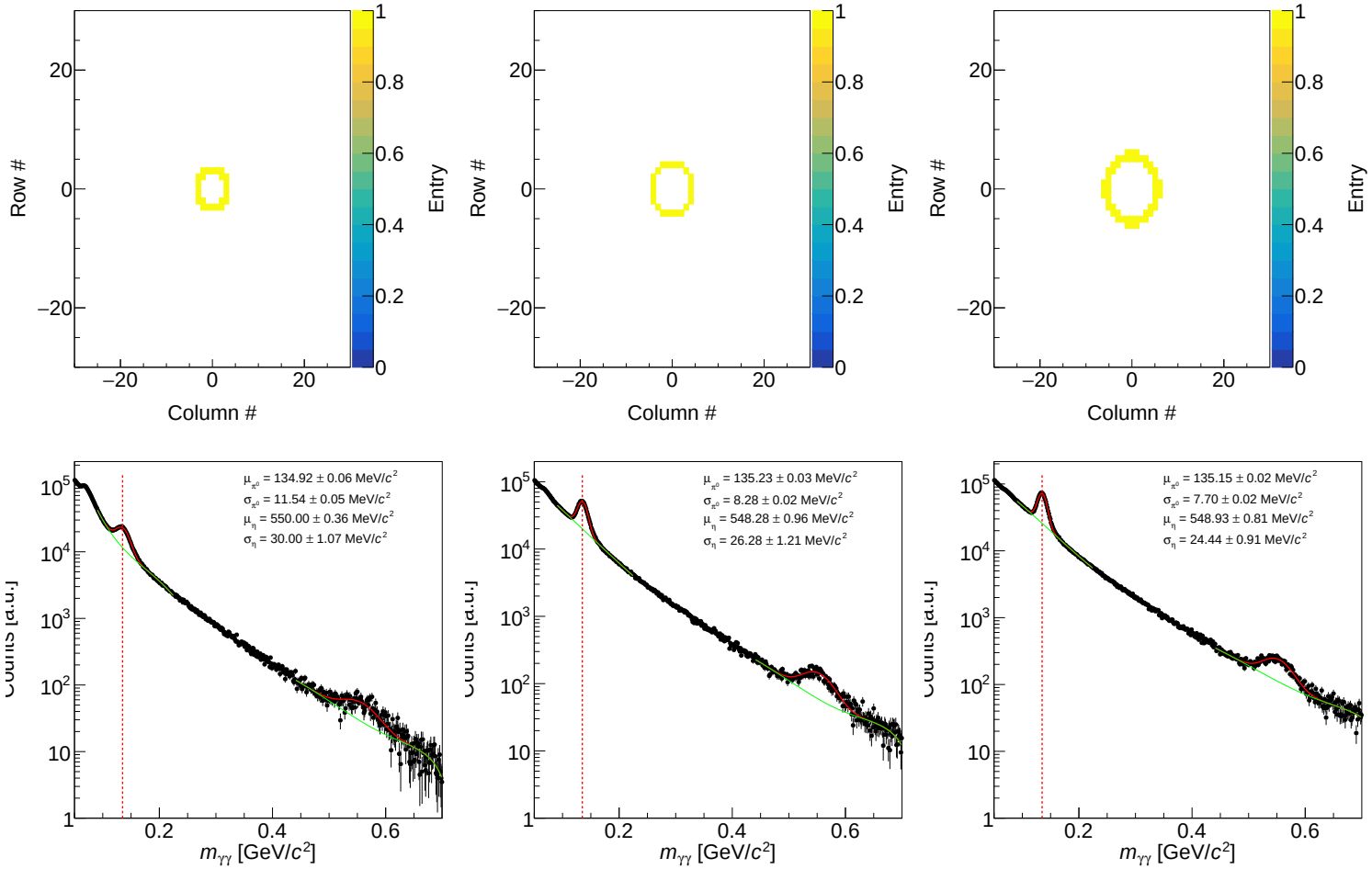
- π^0
- η



QC per rings

If radius divided by 5 cm, there is 24 rings

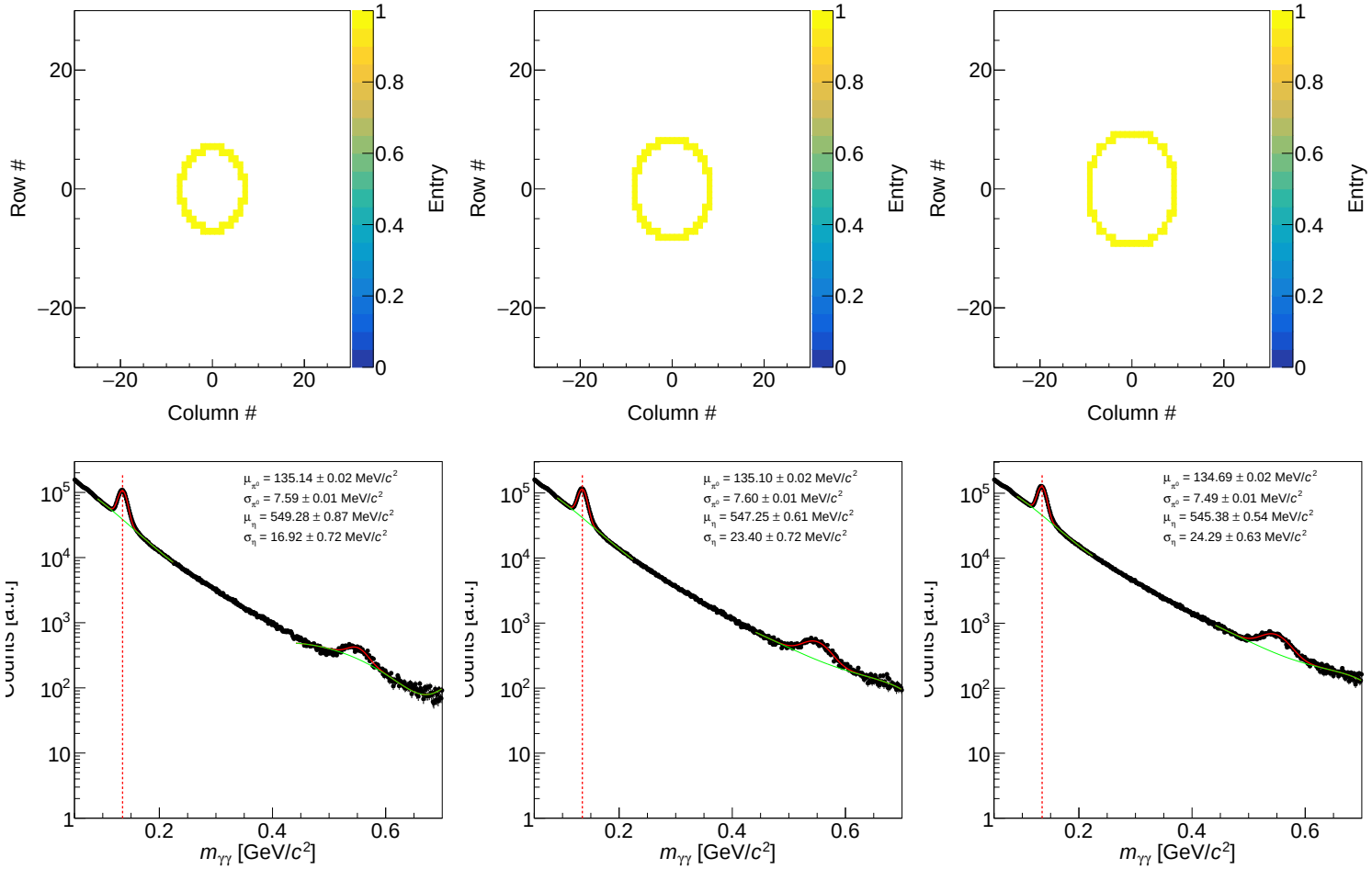
- Ring 1
- Ring 2
- Ring 3



QC per rings

If radius divided by 5 cm, there is 24 rings

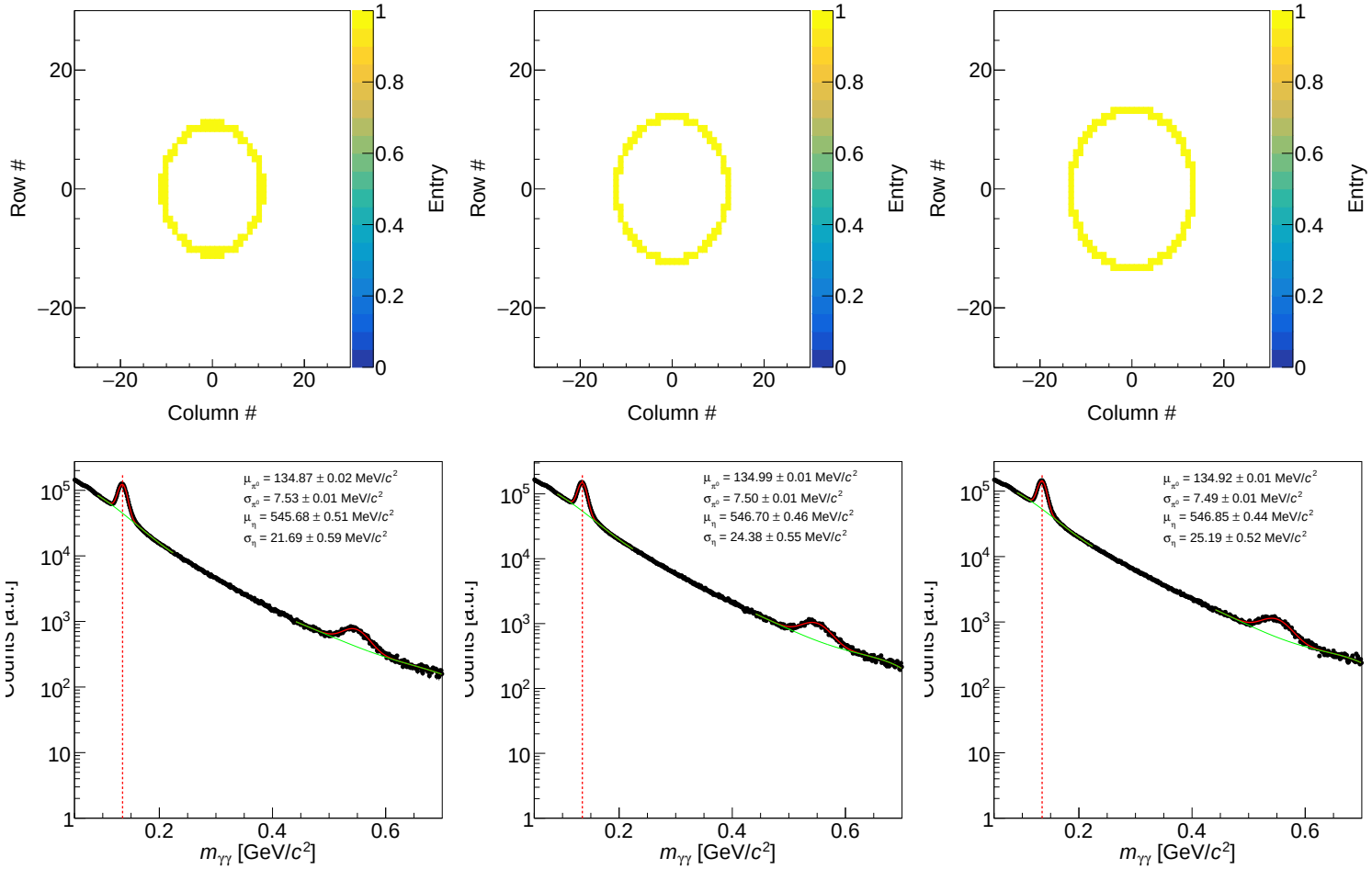
- Ring 4
- Ring 5
- Ring 6



QC per rings

If radius divided by 5 cm, there is 24 rings

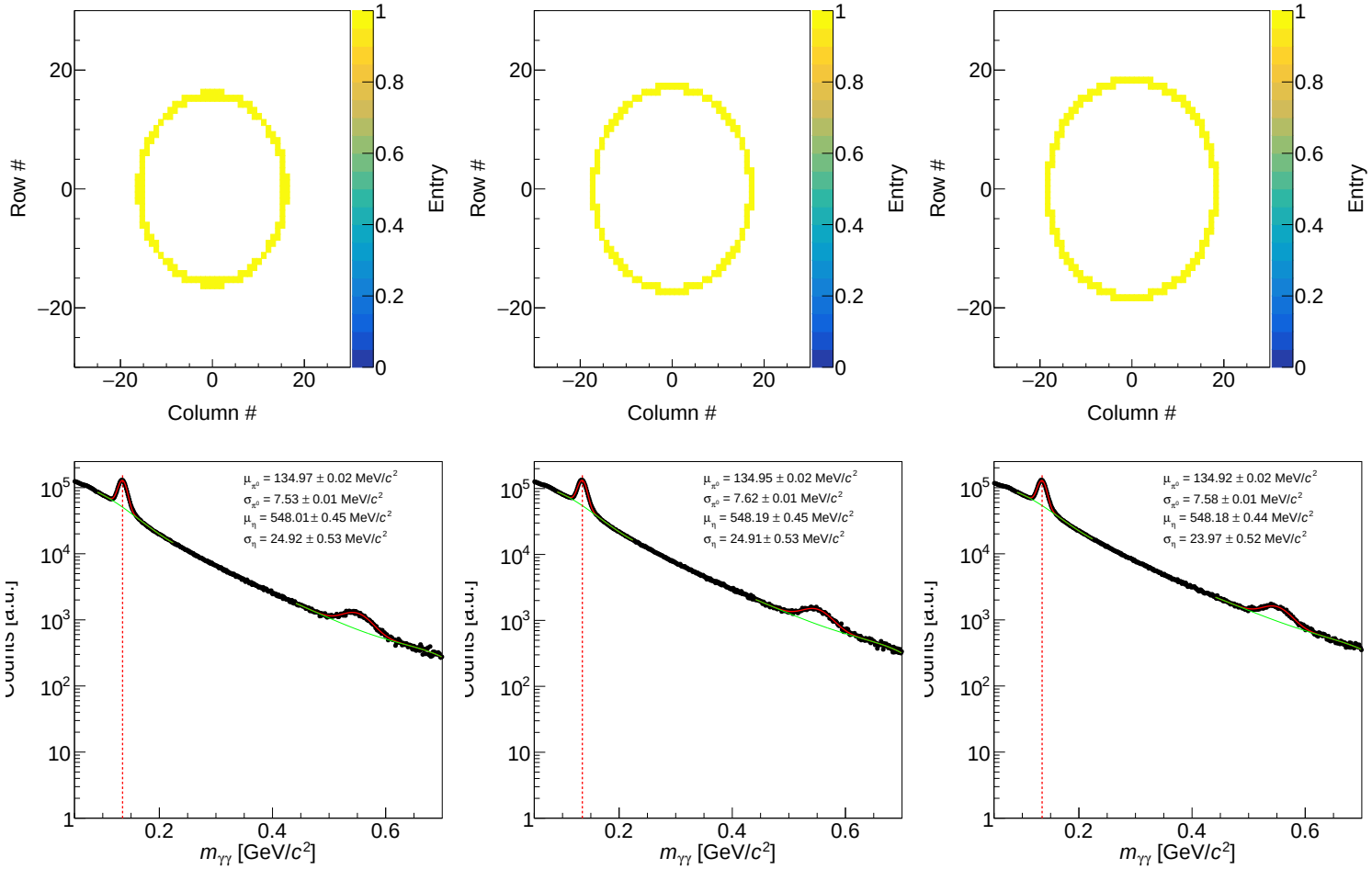
- Ring 7
- Ring 8
- Ring 9



QC per rings

If radius divided by 5 cm, there is 24 rings

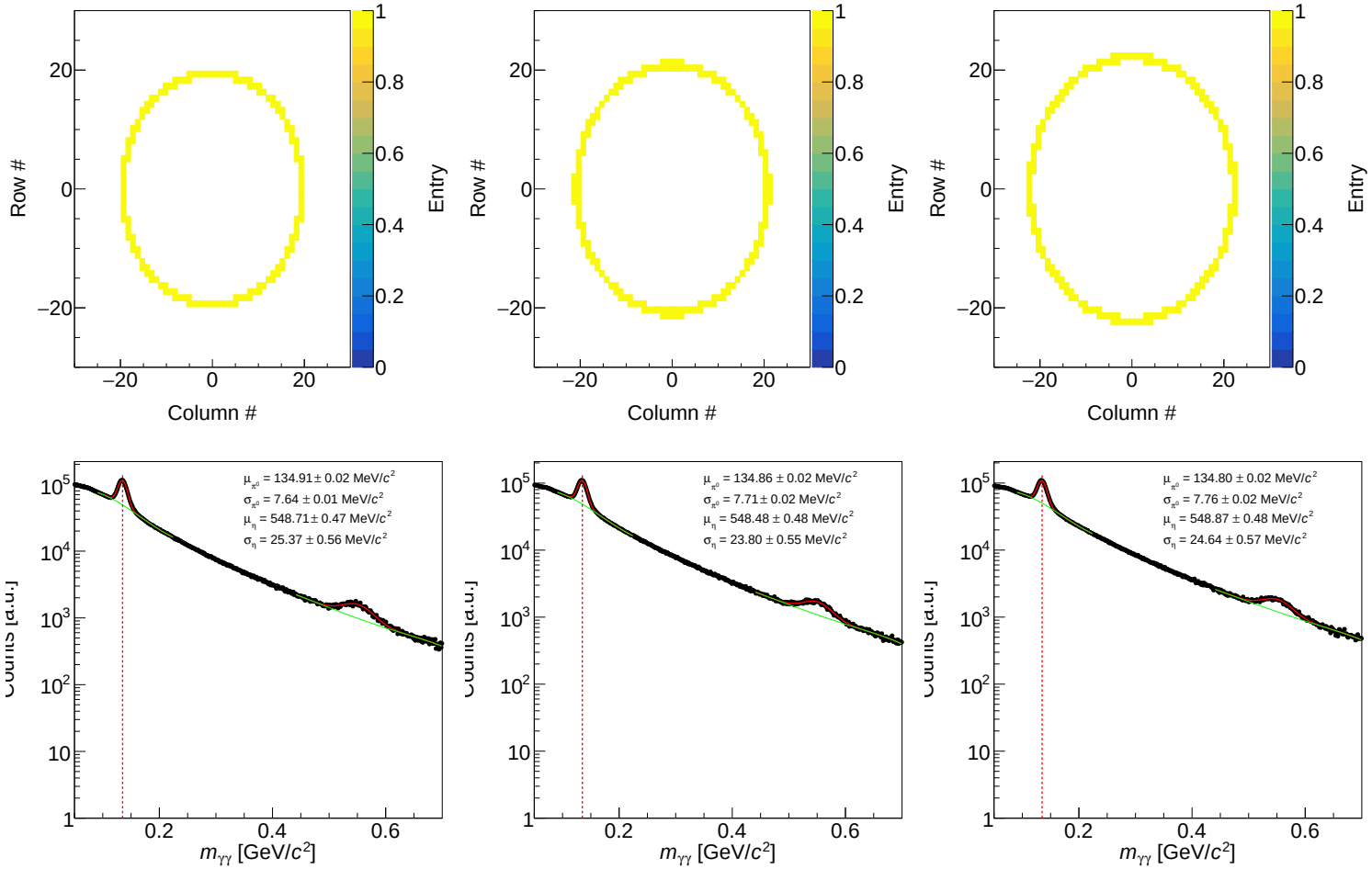
- Ring 11
- Ring 12
- Ring 13



QC per rings

If radius divided by 5 cm, there is 24 rings

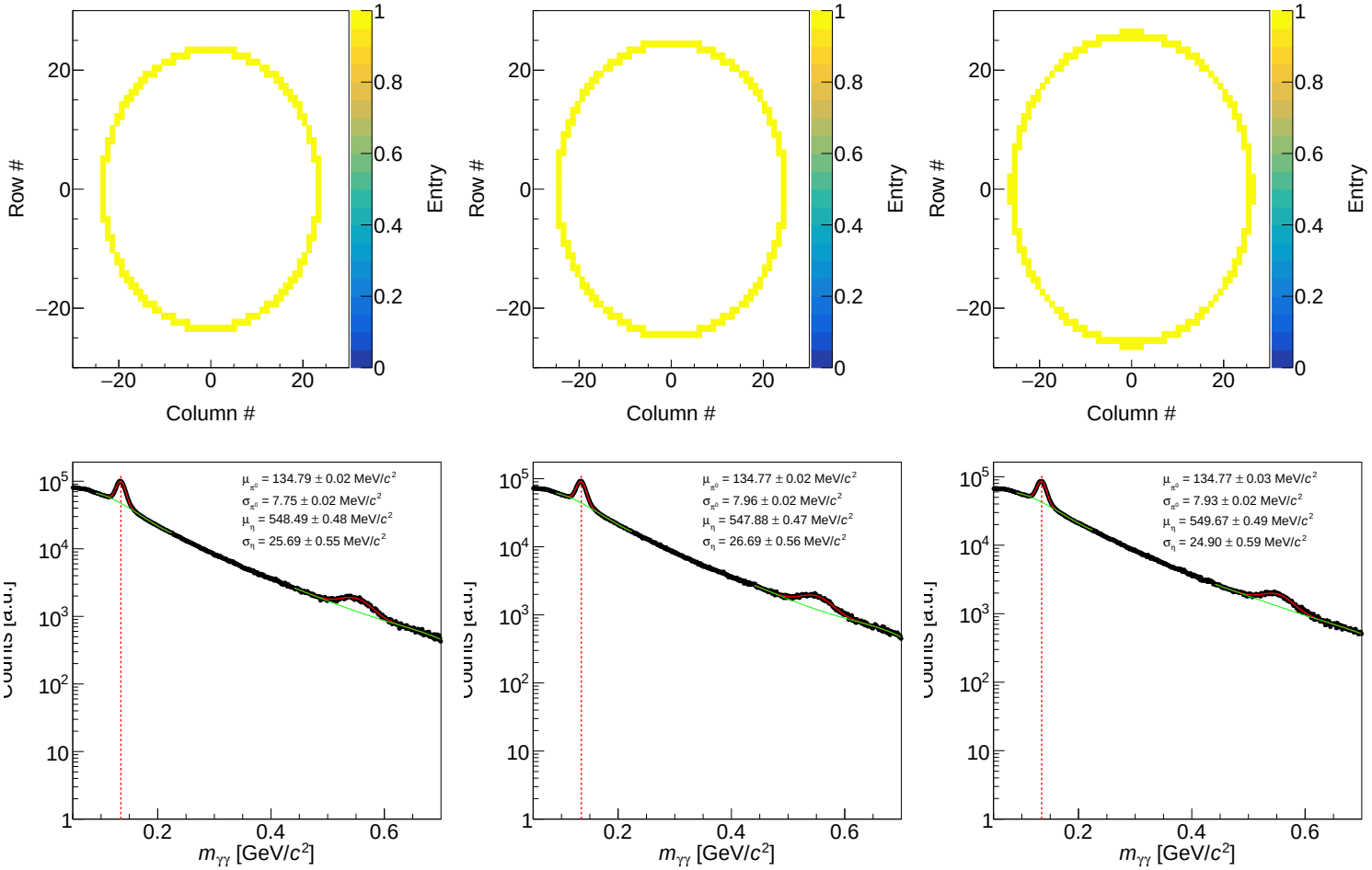
- Ring 14
- Ring 15
- Ring 16



QC per rings

If radius divided by 5 cm, there is 24 rings

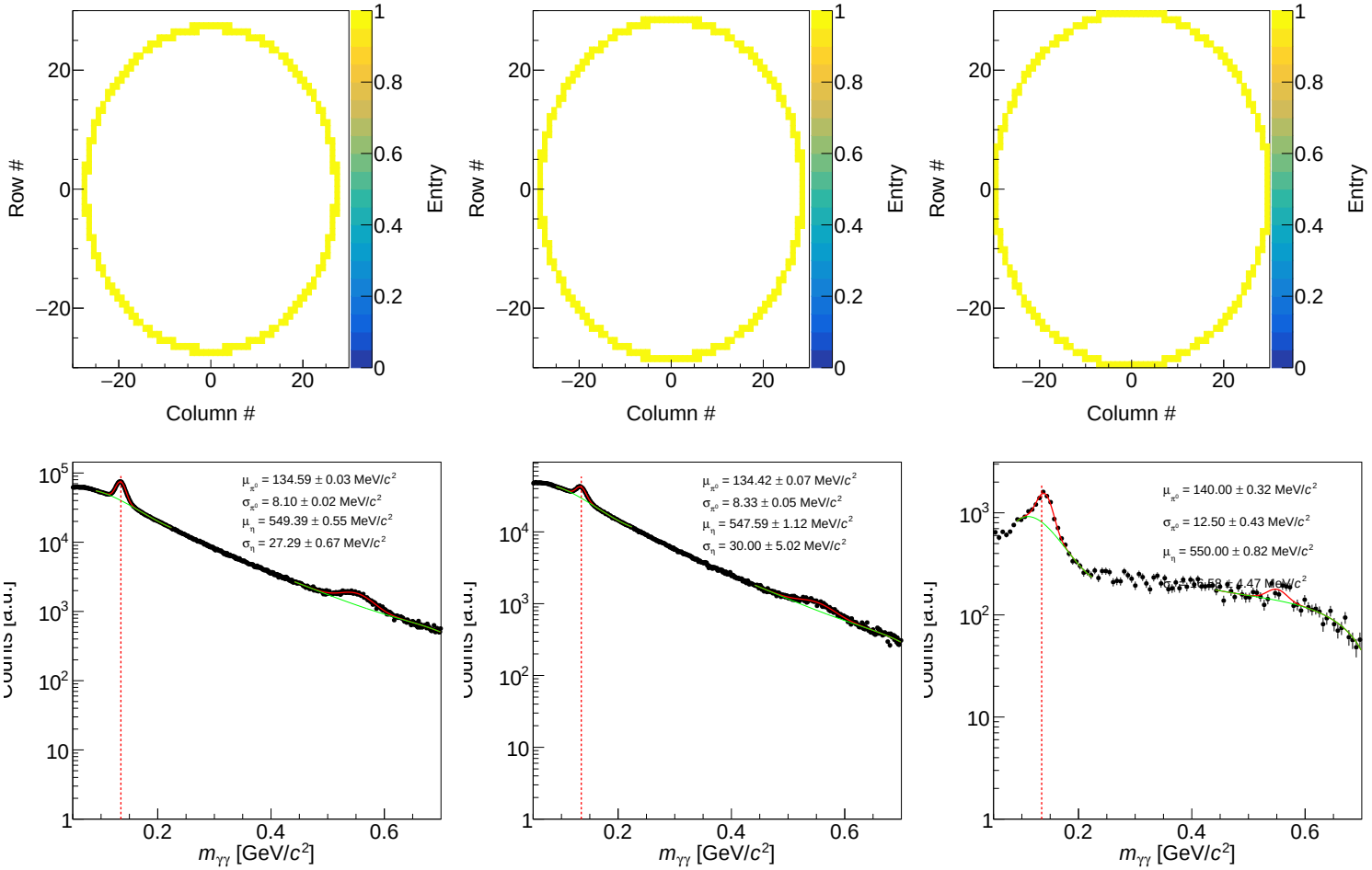
- Ring 17
- Ring 18
- Ring 19



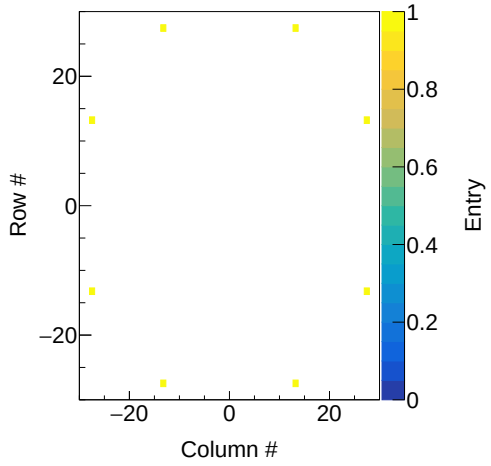
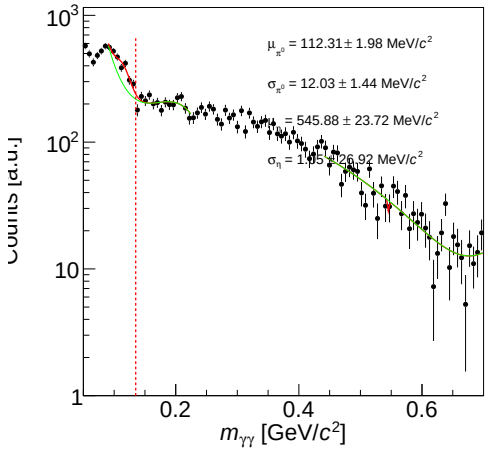
QC per rings

If radius divided by 5 cm, there is 24 rings

- Ring 20
- Ring 21
- Ring 22



QC per rings

If radius divided by 5 cm, there is 24 rings

- Ring 23