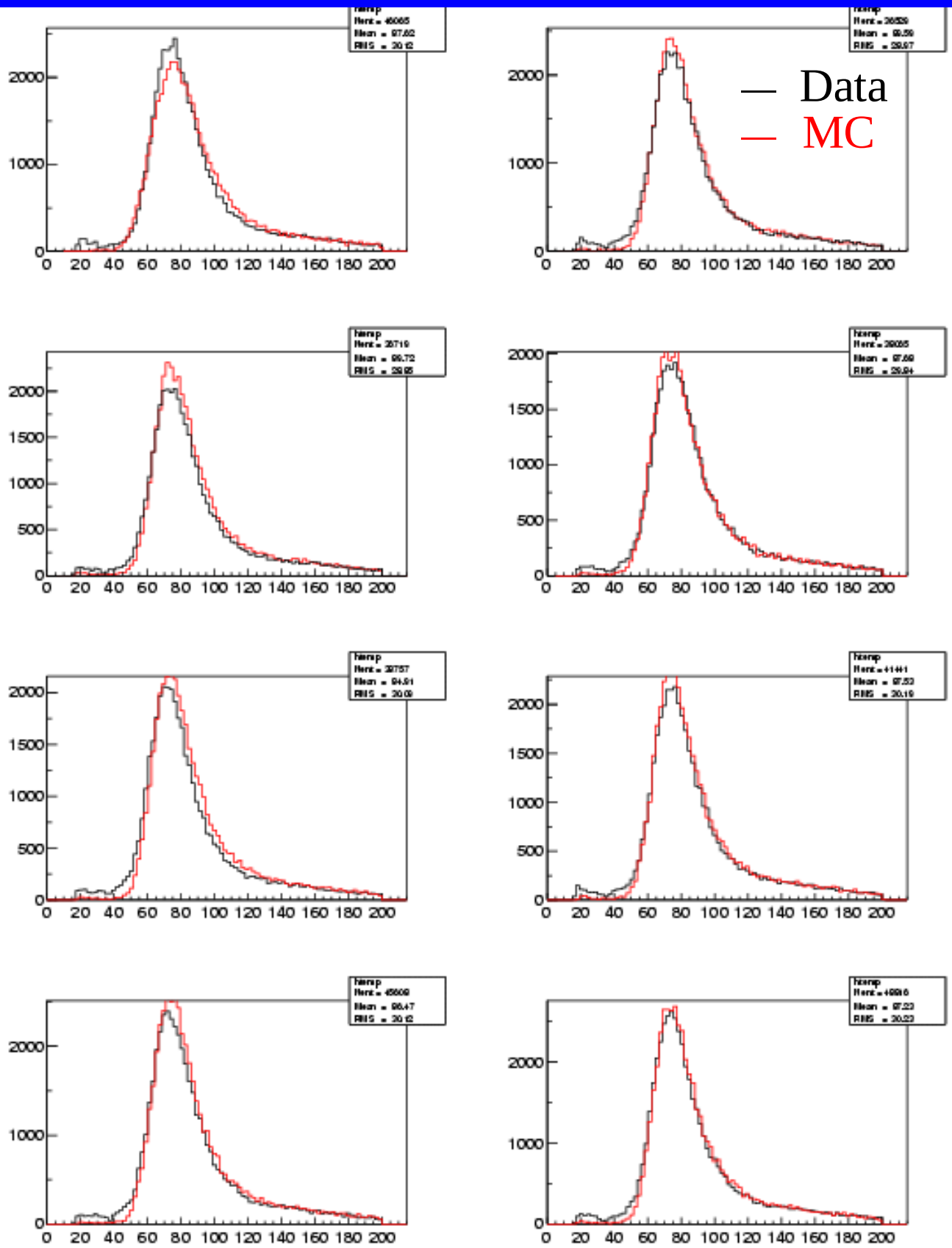
Silicon Evaluation
Ring Counters Negative-Side

“ Analysis Results”

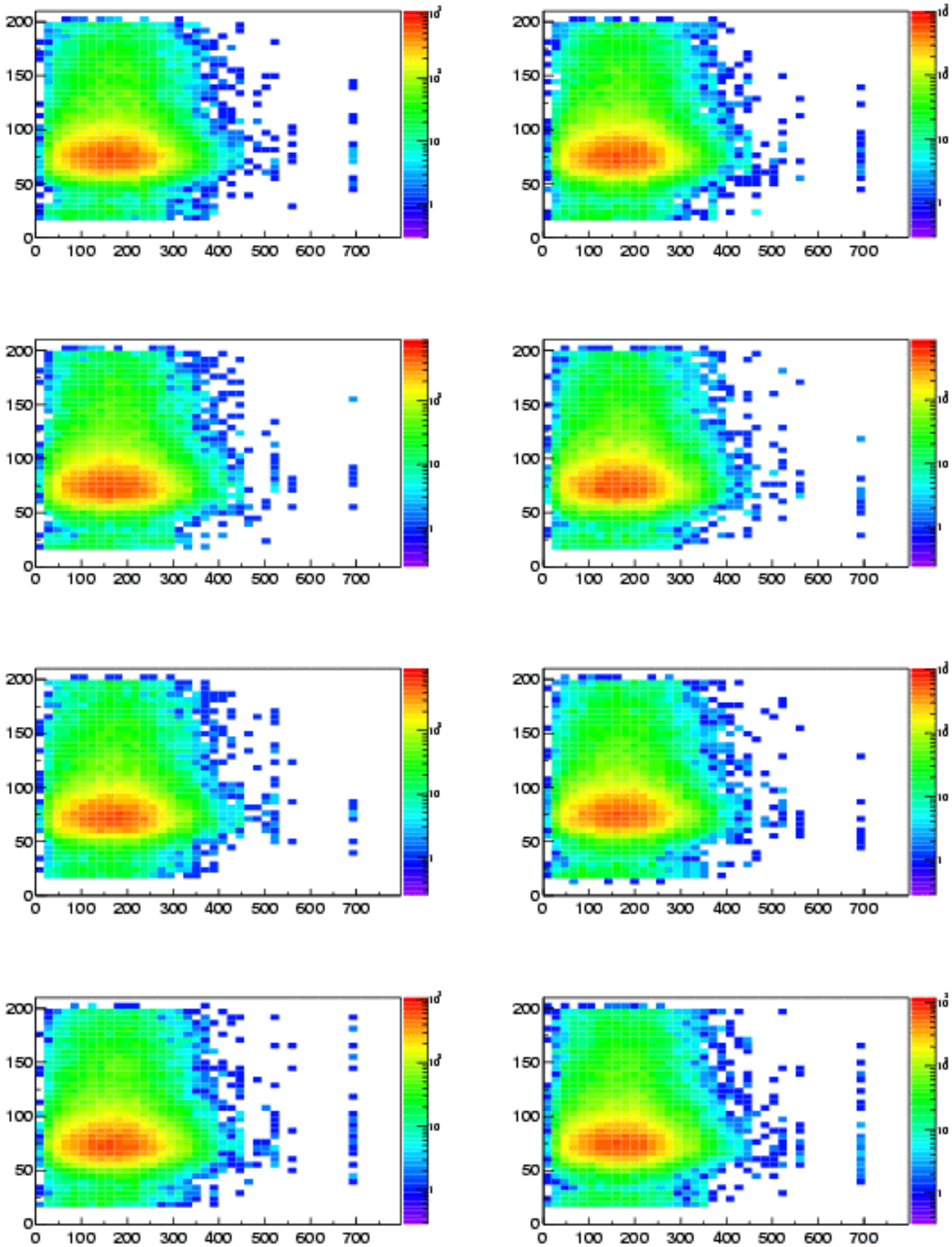
- Energy Distribution using dAu run
  (10666, latest repass : ONLV_4_1_5)
  Data and MC
- Energy vs Hits for each Module dAu run (10666)
- Energy vs Phi dAu run (10666)
- Dead Channel Pre_Blast, Post_Blast and dAu for each Module
- Uncalirated channel for each Module
- Conclusions

October 19, 2003

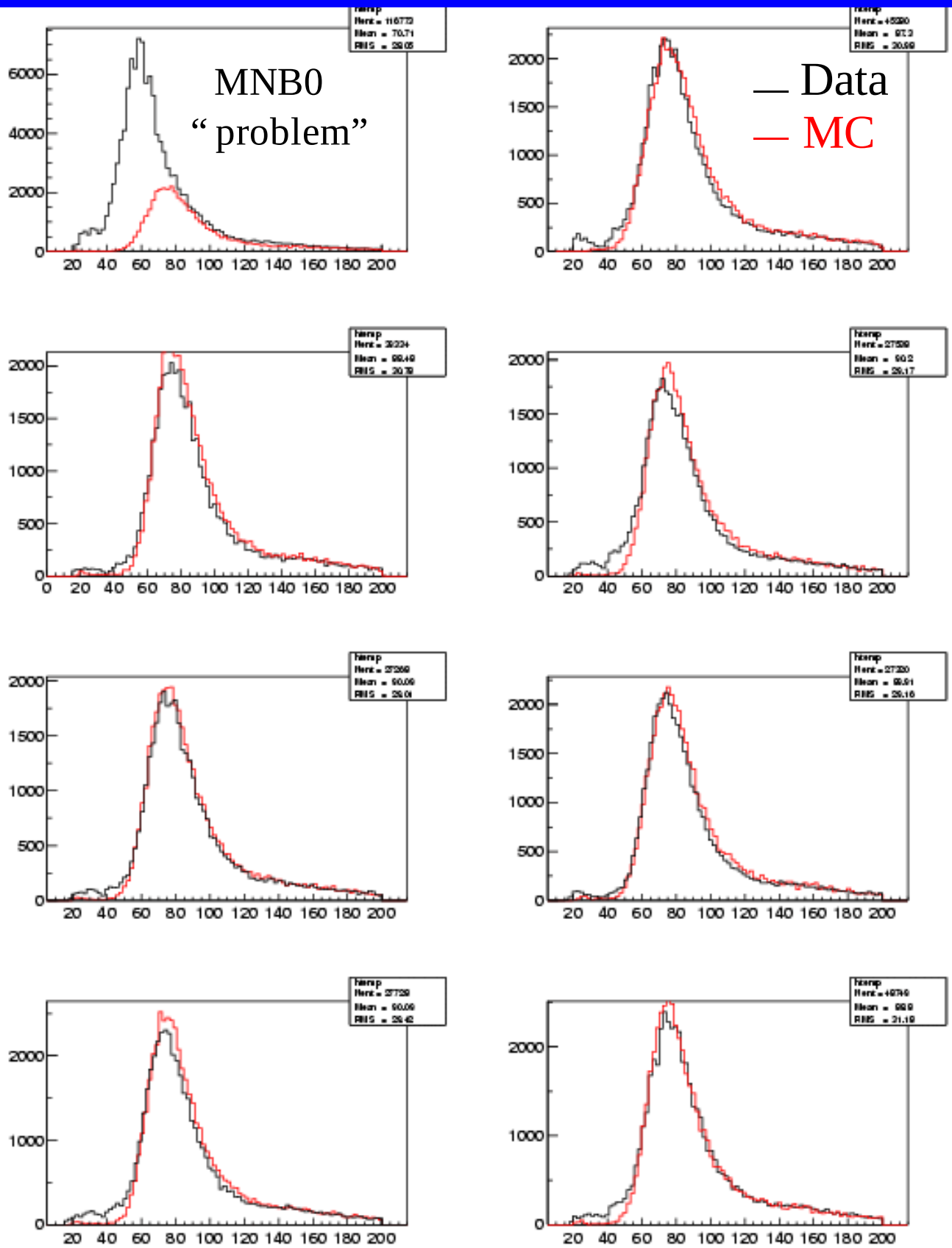
Energy Distribution of Ring Counter –1Z (Data dAu)



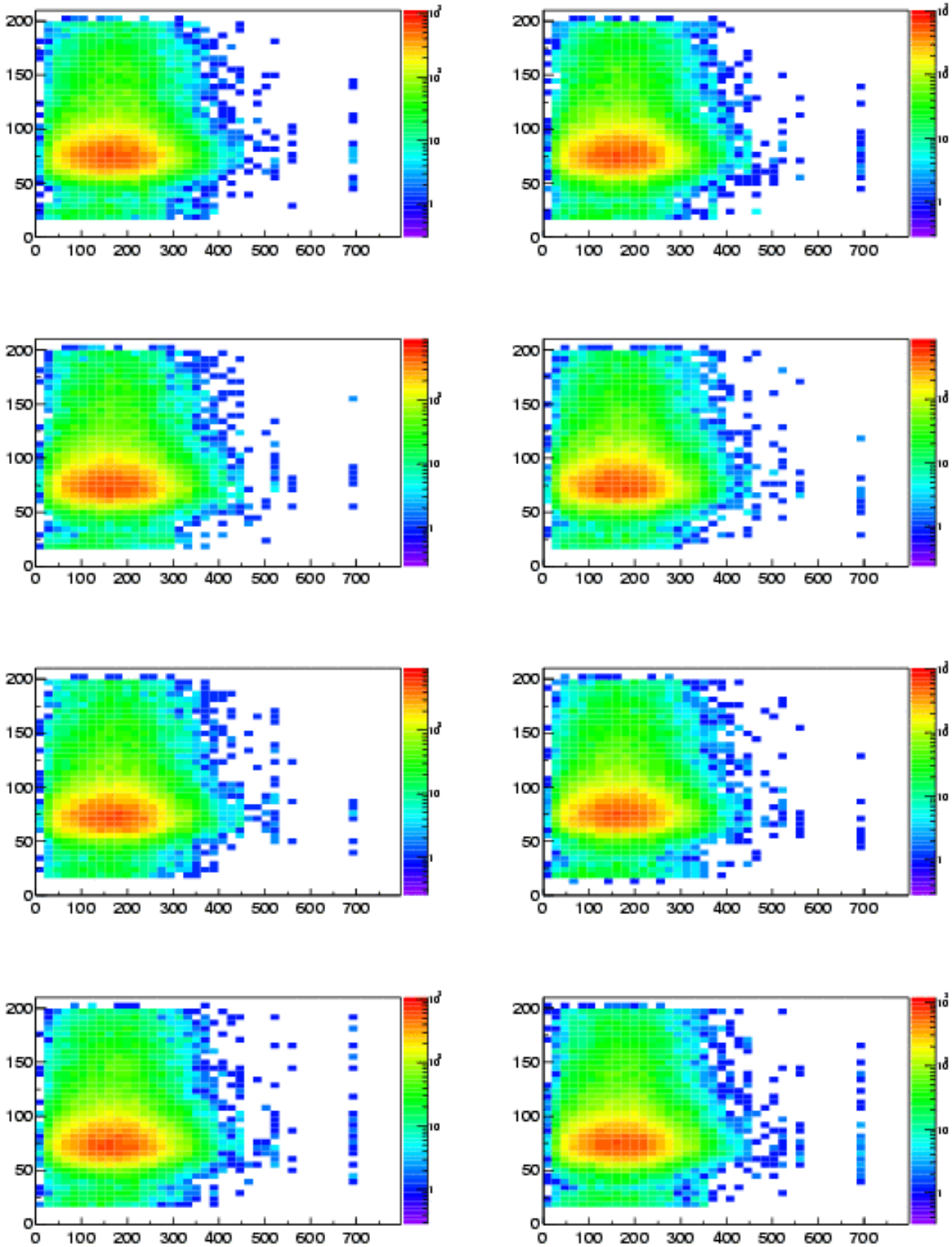
Energy vs Hits of Ring Counter –1Z (DATA)



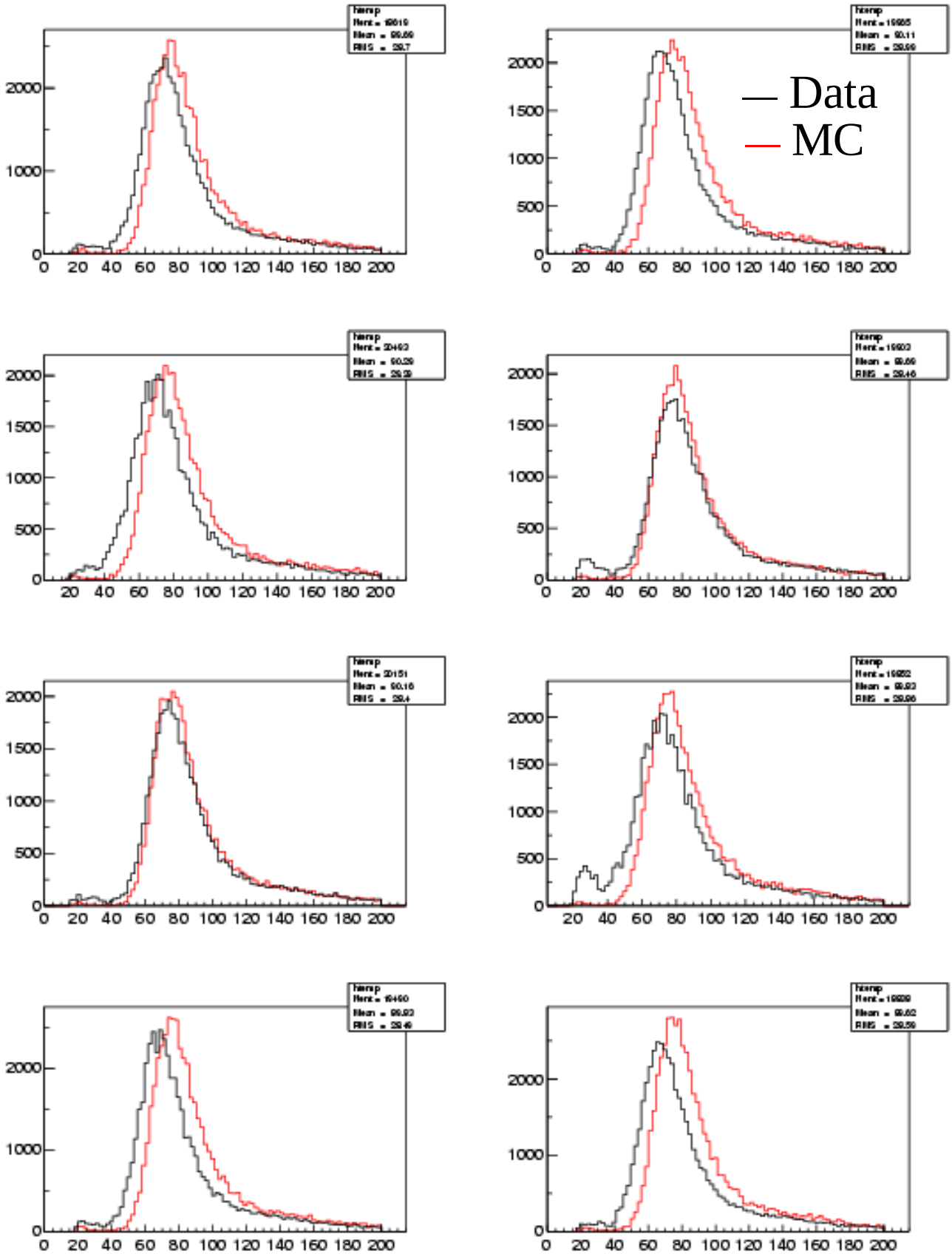
Energy Distribution of Ring Counter –2Z (DATA dAu)



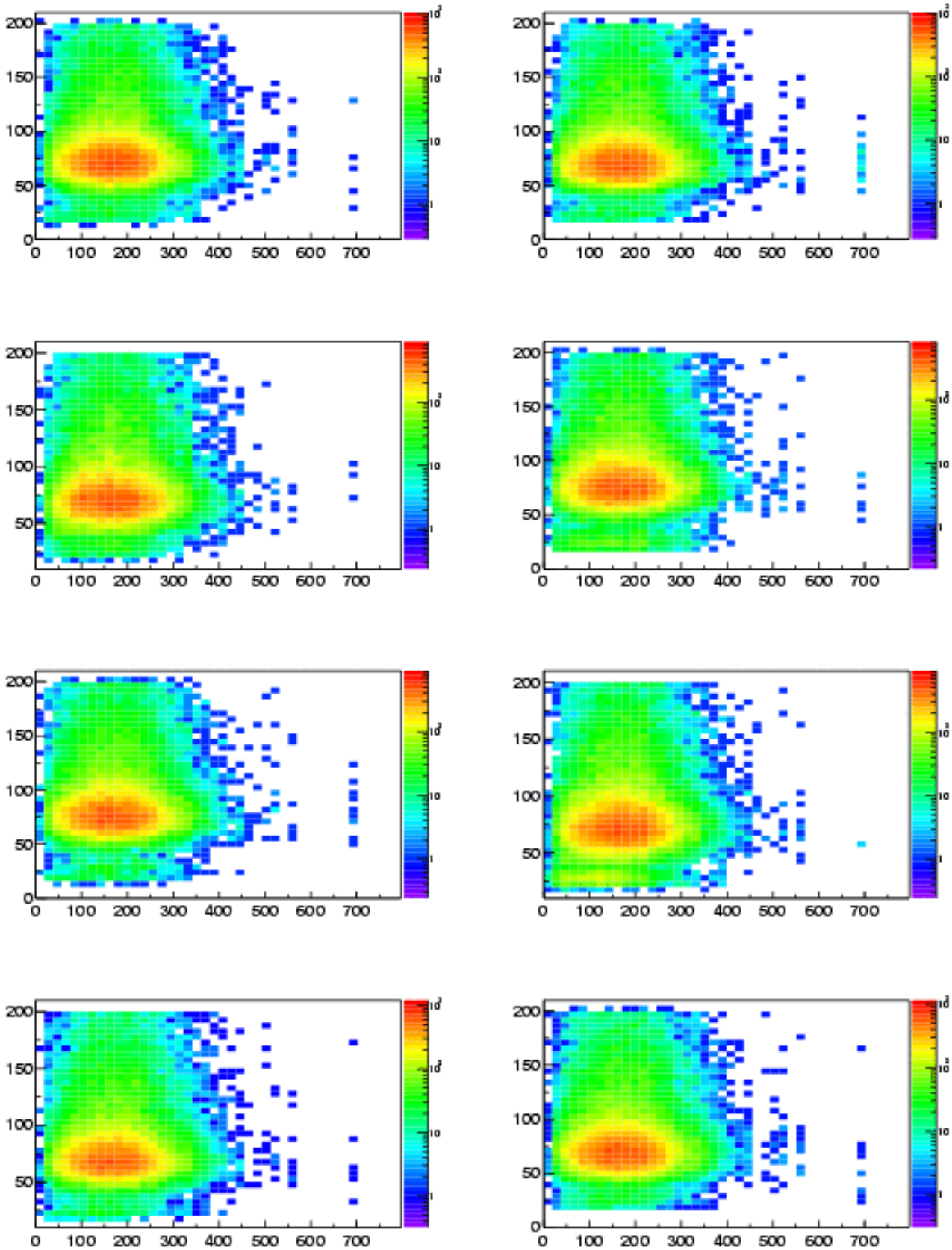
Energy vs Hits of Ring Counter –2Z (DATA dAu)



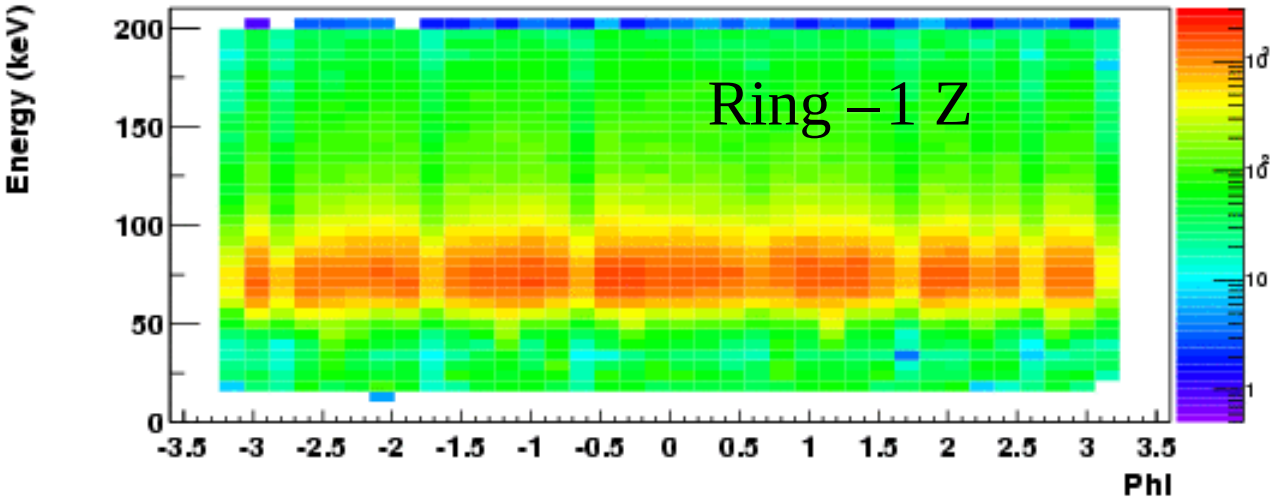
Energy Distribution of Ring Counter –3Z (DATA dAu)

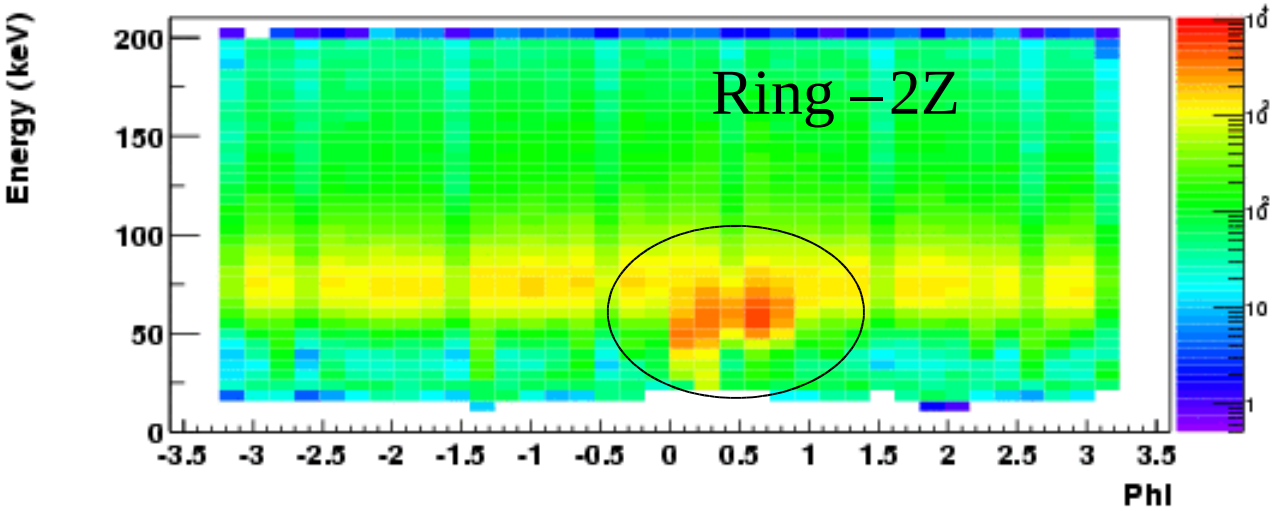


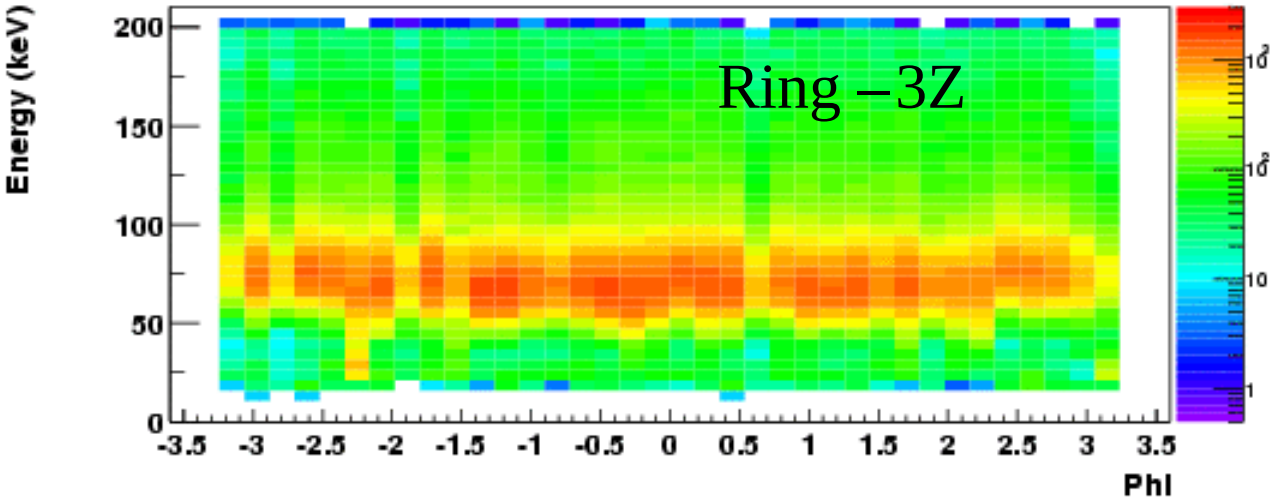
Energy vs Hits of Ring Counter –3Z (DATA dAu)



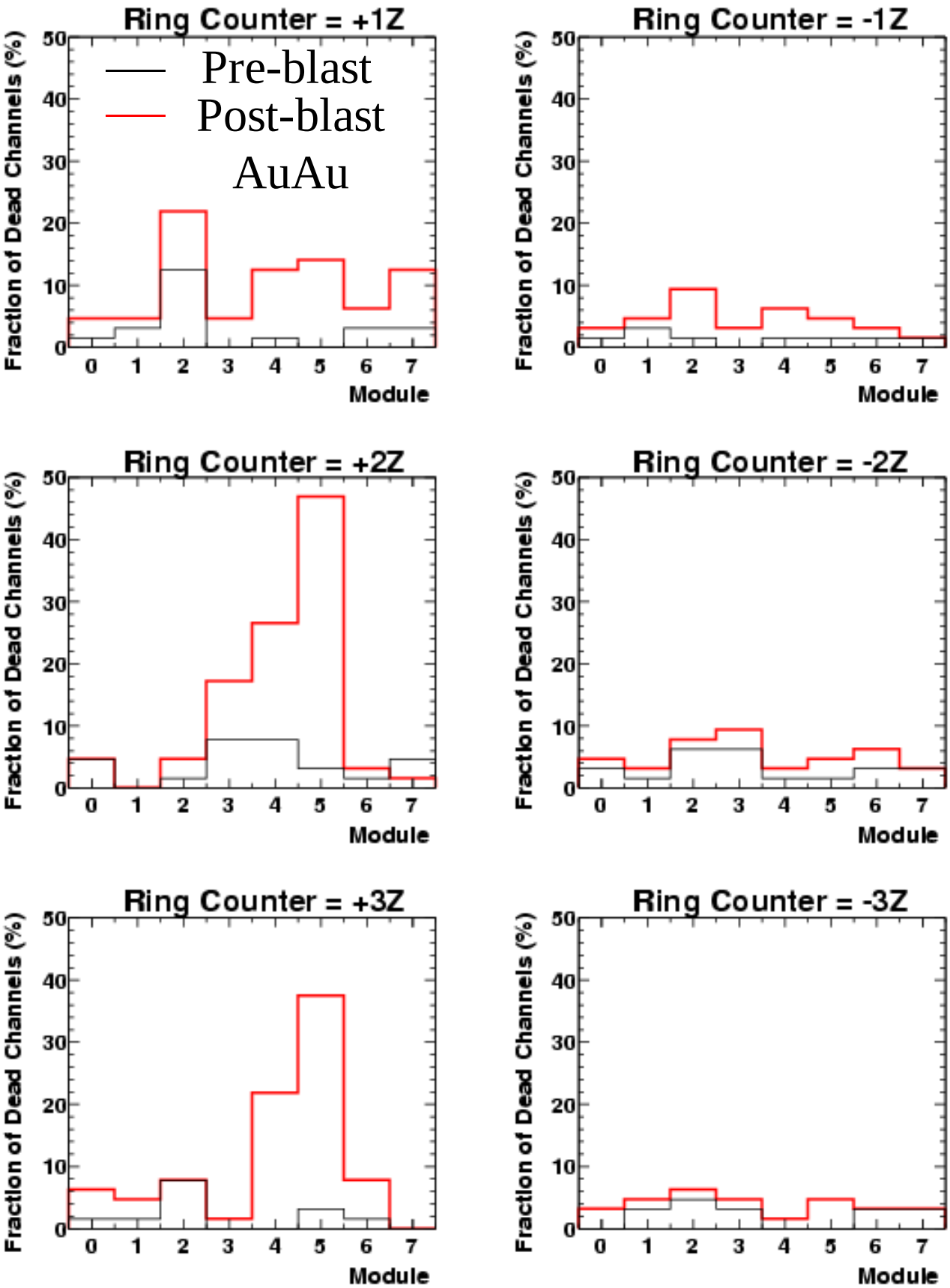
Energy vs Phi
(DATA dAu)



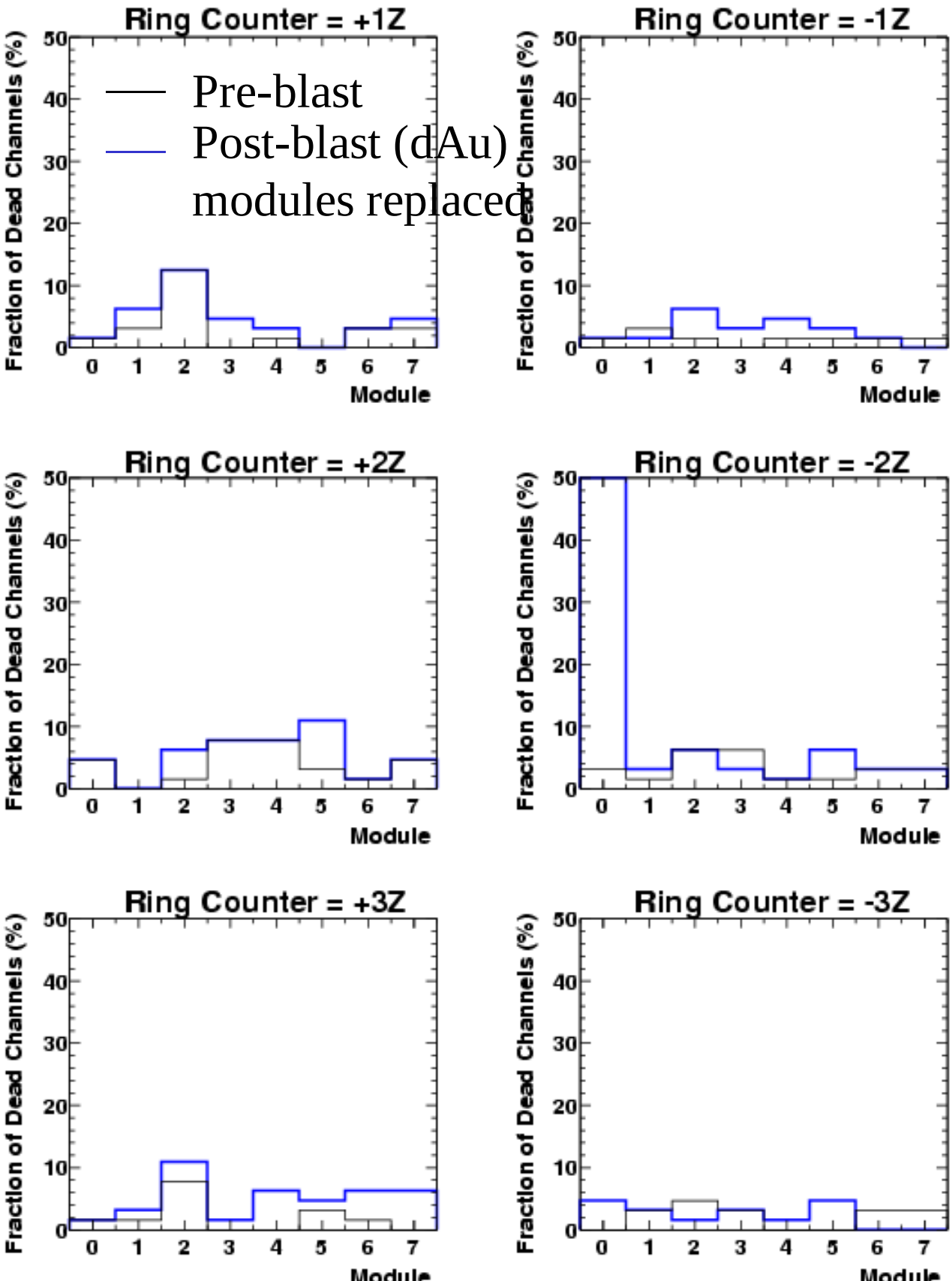




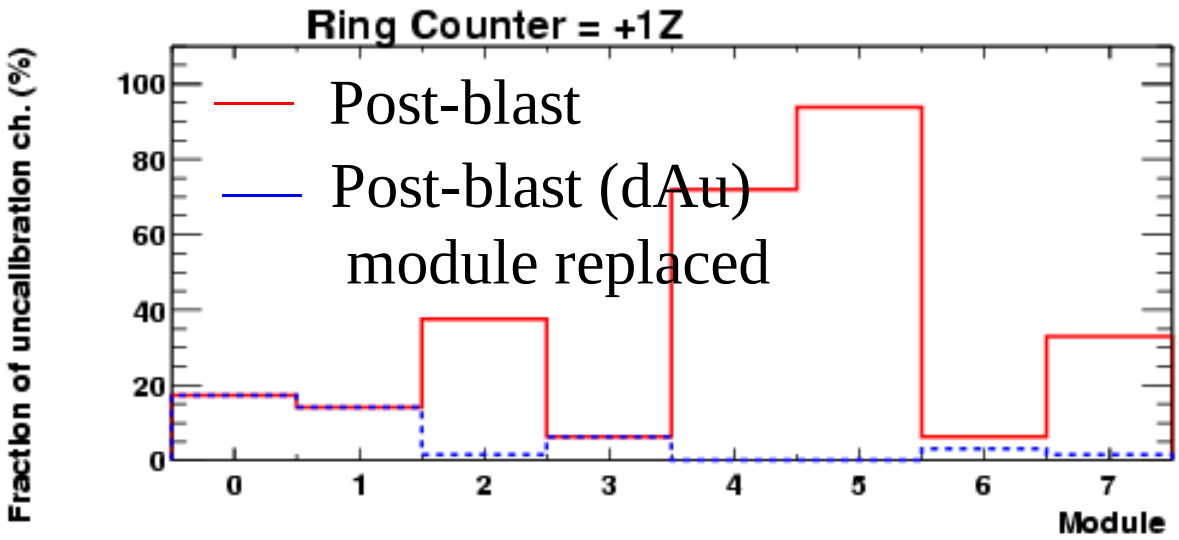
Dead Channels
AuAu

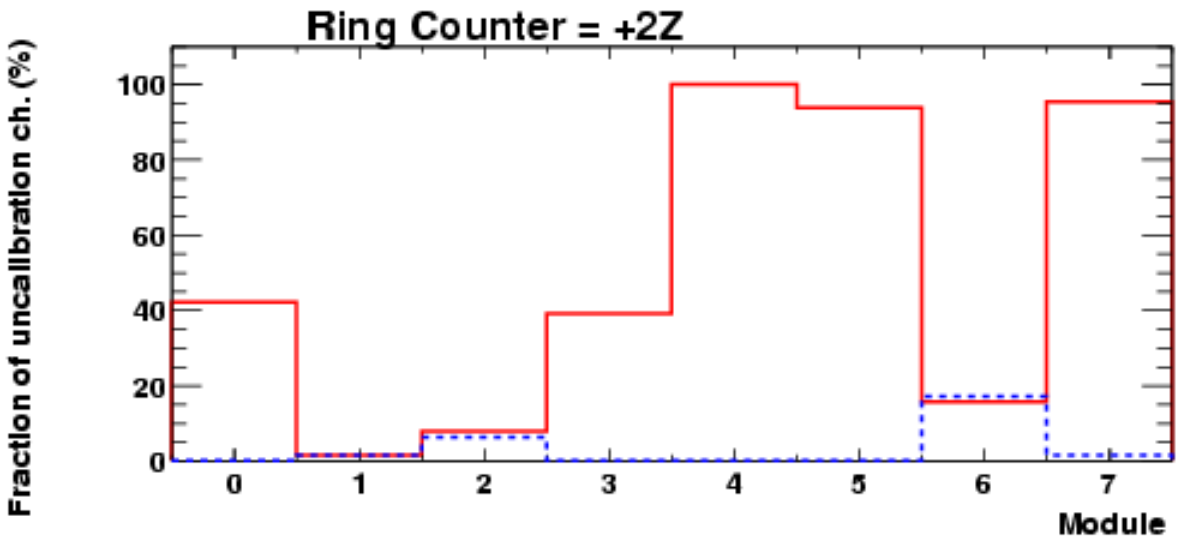


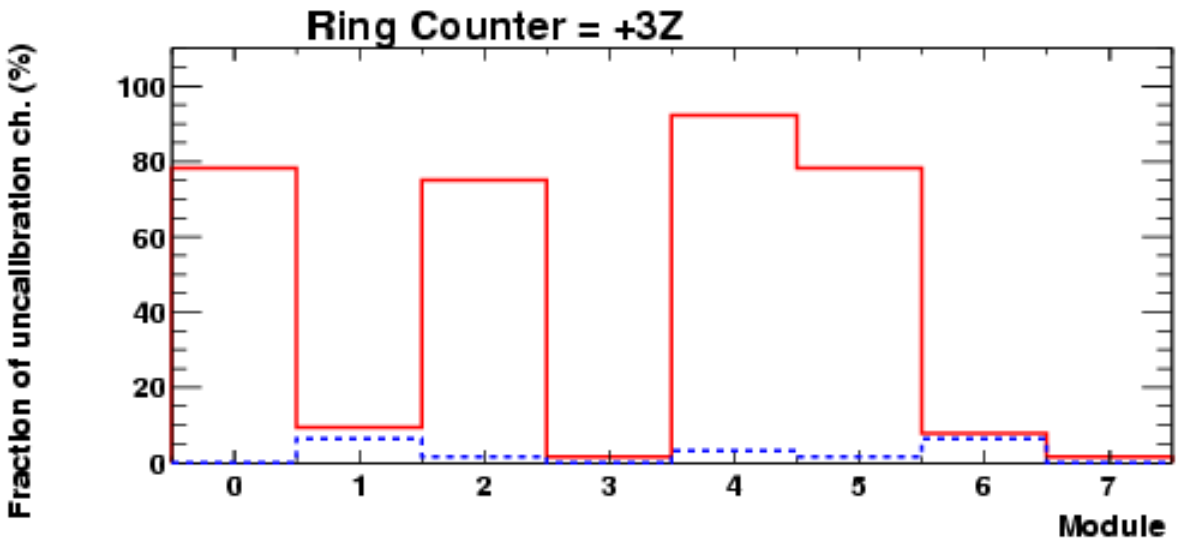
Dead Channels
d+Au



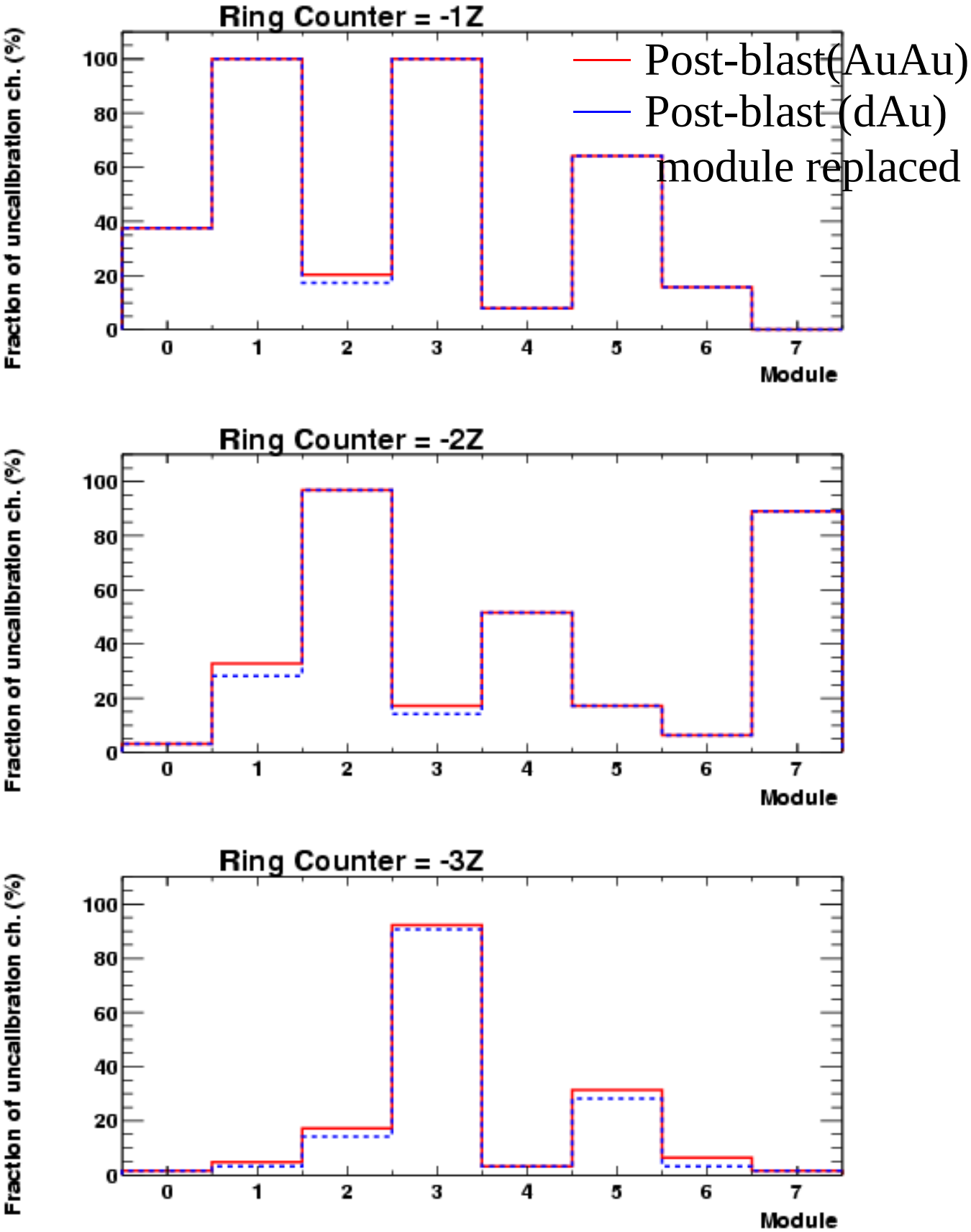
Calibrated Channel
Positive Ring Counters







Calibrated Channel
Negative Ring Counters



Conclusions

Ring Counter	# Modules dead channels > 10 %	# Modules uncalibrated ch. > 10 %	# Modules energy
-1 Z	0	6	0
-2 Z	1	6	1
-3 Z	0	3	0
Total	**1**	**15**	**1**

Please,
If you have more information
about negative
Ring counters let us know.
Silicon experts