

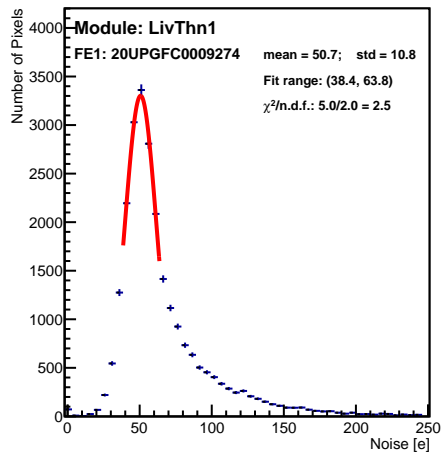
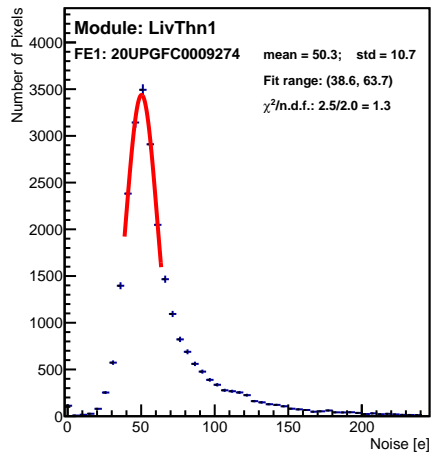
## **Module testing stages comparison for: LivThn1**

**Stage 1: .../bundle/data/ATLAS/pixel/ModuleProdDataRing1/LivThn1/sample**

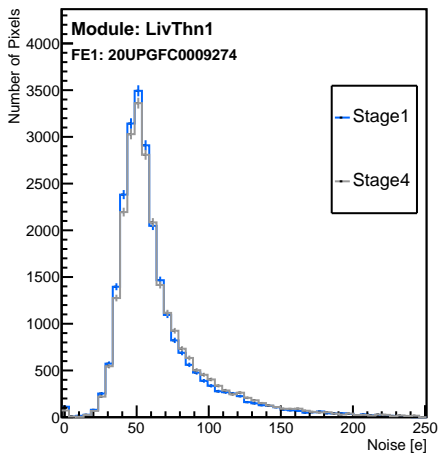
**Stage 2: .../bundle/data/ATLAS/pixel/RAL\_data/LivThn1/1-ReceptionTestRAL**

**Stage 3: .../bundle/data/ATLAS/pixel/RAL\_data/LivThn1/2-RingForLiv**

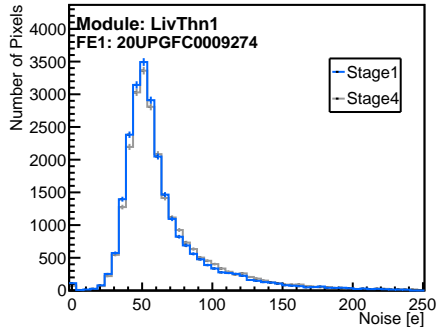
**Stage 4: ...dle/data/ATLAS/dervan/Ring1/LivThn1-New/Japan-power-Jon-Data**

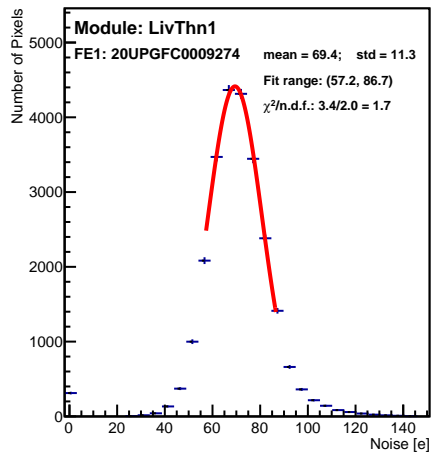
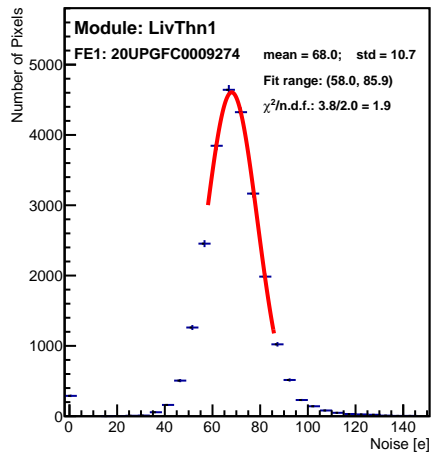


[diff FE] NoiseDist-0 (Comparison)

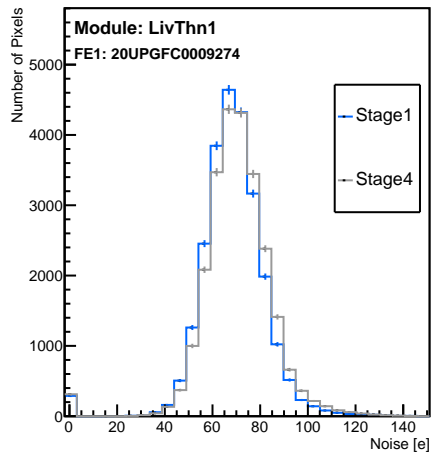


[diff FE] NoiseDist-0 (Comparison)

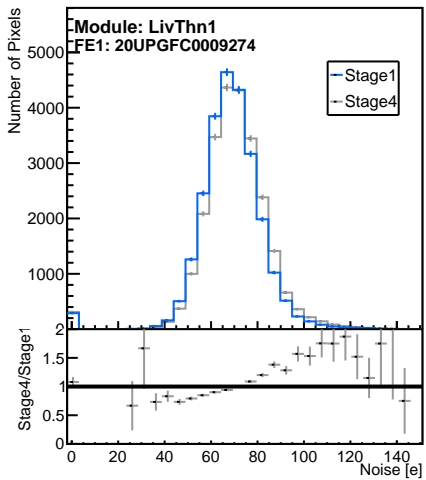


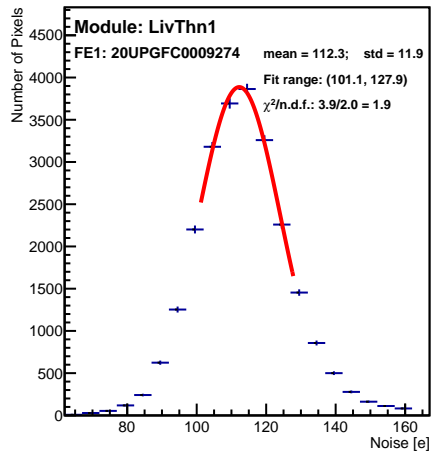
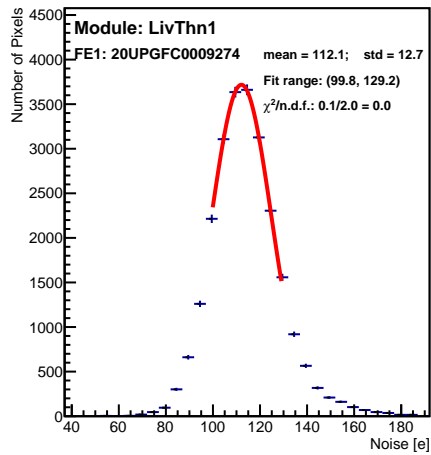


[lin FE] NoiseDist-0 (Comparison)

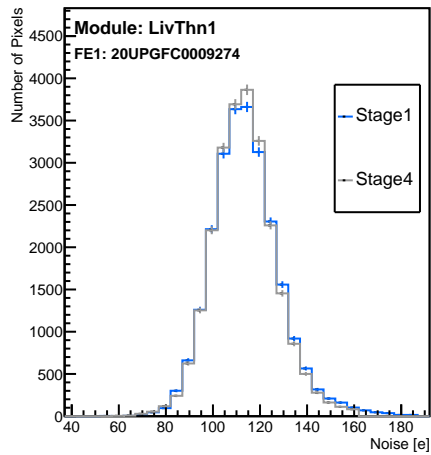


[lin FE] NoiseDist-0 (Comparison)

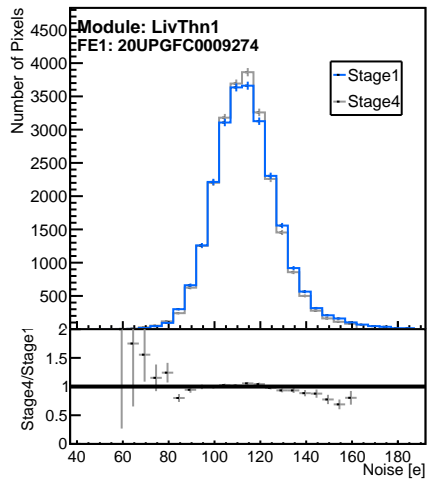




[syn FE] NoiseDist-0 (Comparison)

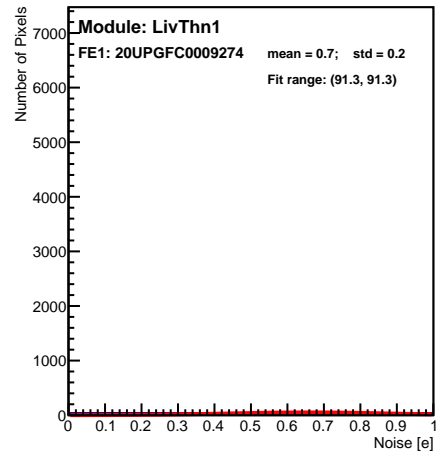
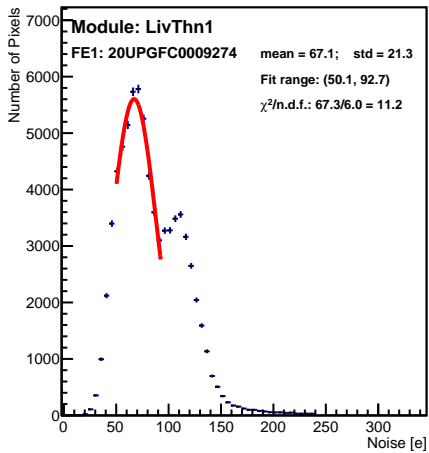


[syn FE] NoiseDist-0 (Comparison)

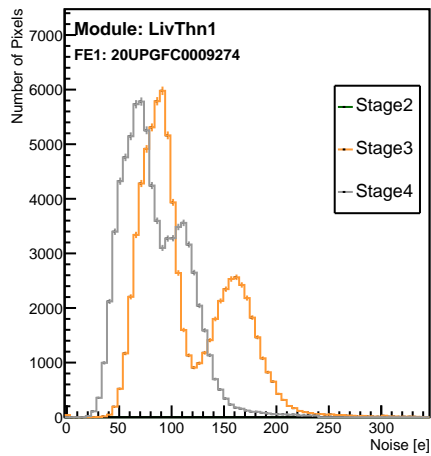


# NoiseDist - std

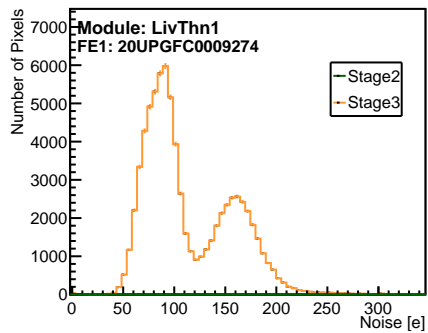
[std FE] NoiseDist-0 (Stage3)



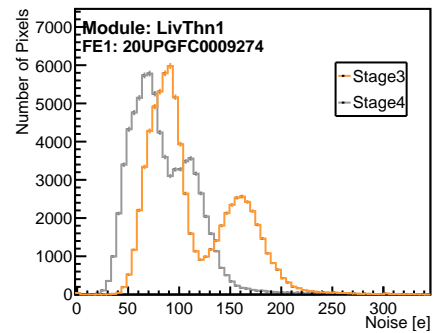
[std FE] NoiseDist-0 (Comparison)

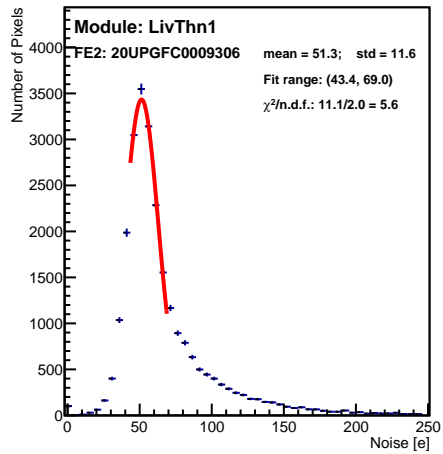
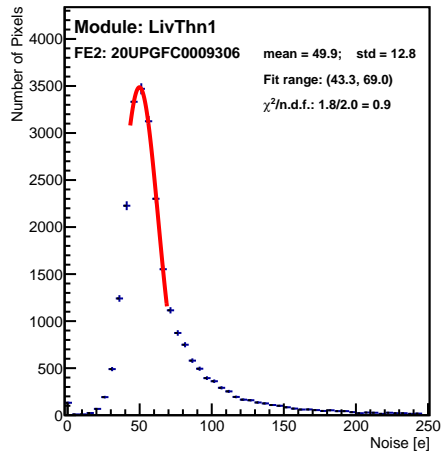


[std FE] NoiseDist-0 (Comparison)

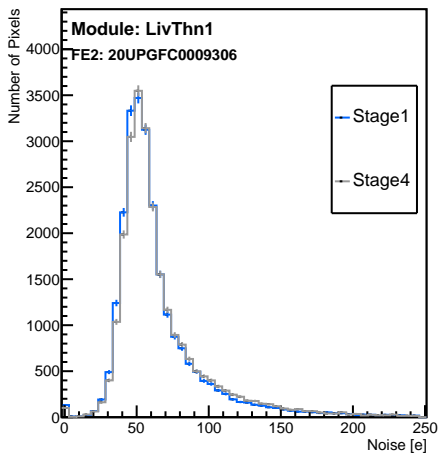


[std FE] NoiseDist-0 (Comparison)

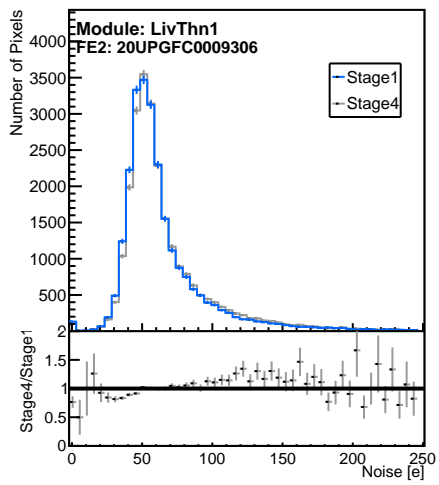


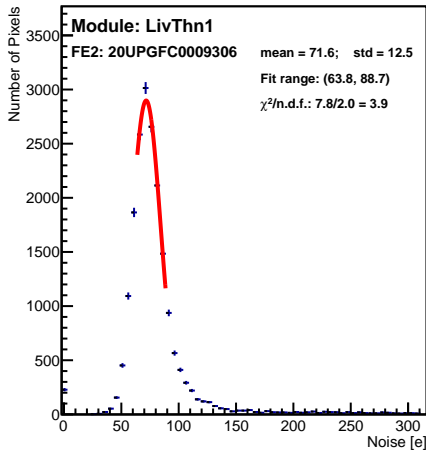
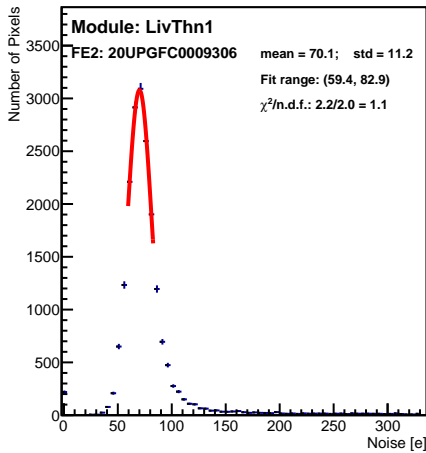


[diff FE] NoiseDist-0 (Comparison)

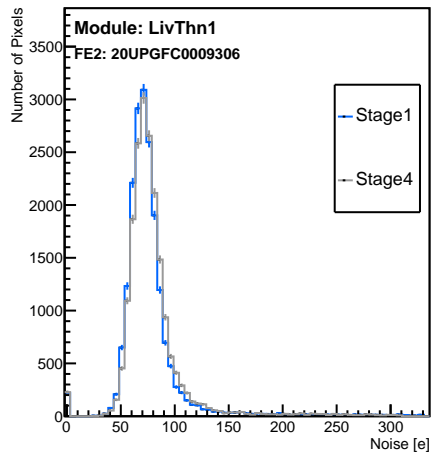


[diff FE] NoiseDist-0 (Comparison)

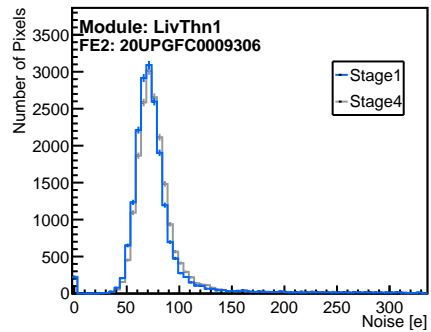


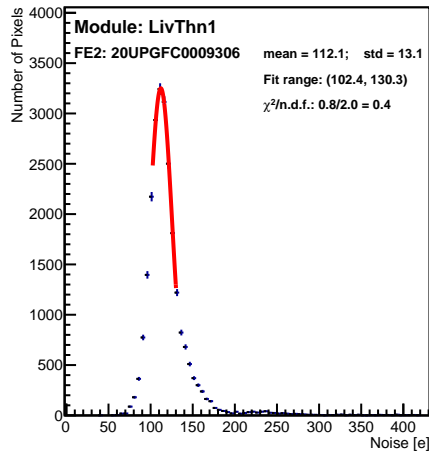
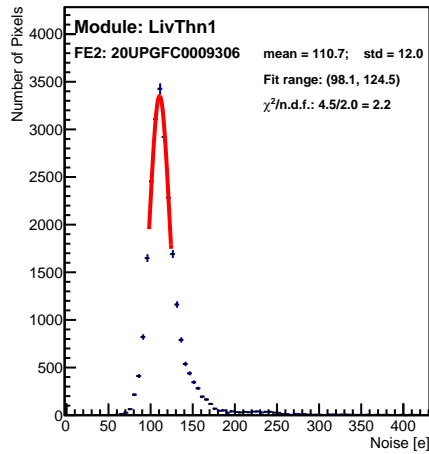


[lin FE] NoiseDist-0 (Comparison)

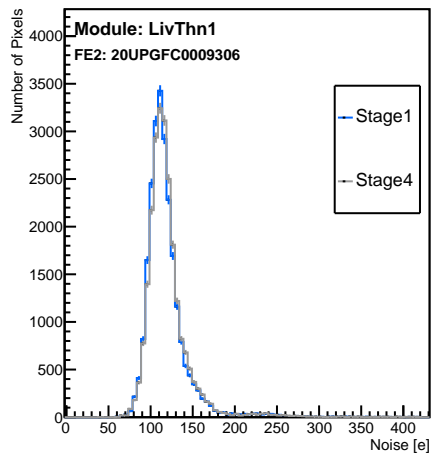


[lin FE] NoiseDist-0 (Comparison)

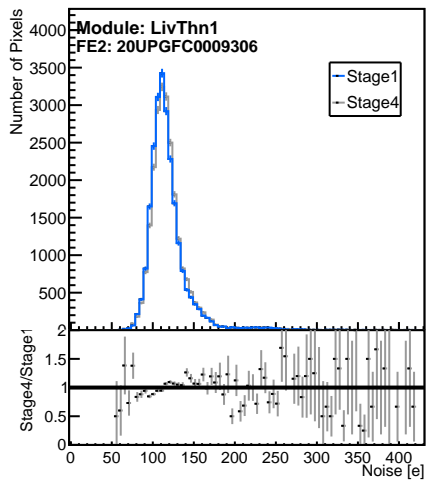




[syn FE] NoiseDist-0 (Comparison)

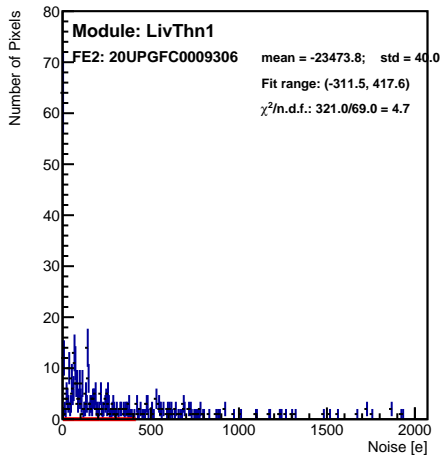


[syn FE] NoiseDist-0 (Comparison)

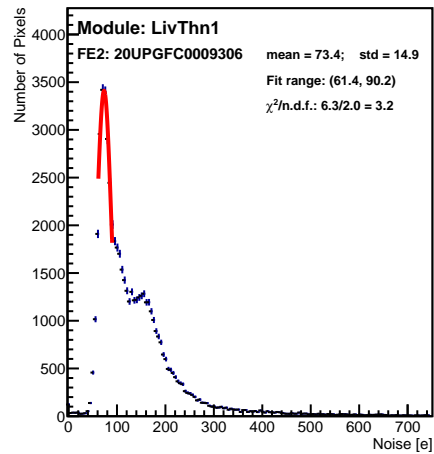


# NoiseDist - std

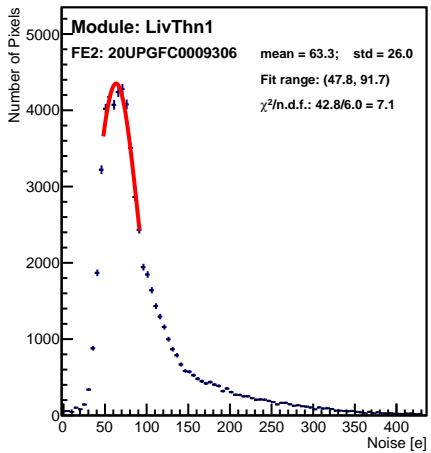
[std FE] NoiseDist-0 (Stage2)



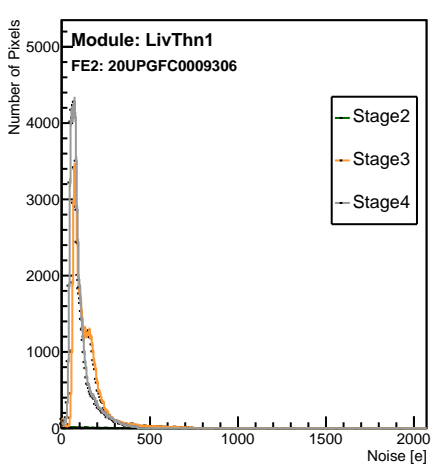
[std FE] NoiseDist-0 (Stage3)



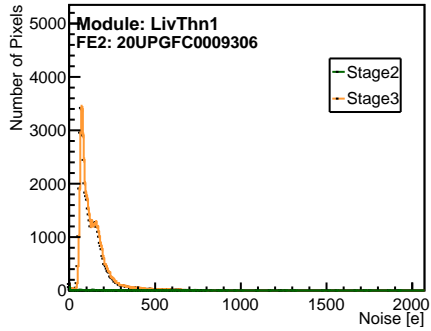
[std FE] NoiseDist-0 (Stage4)



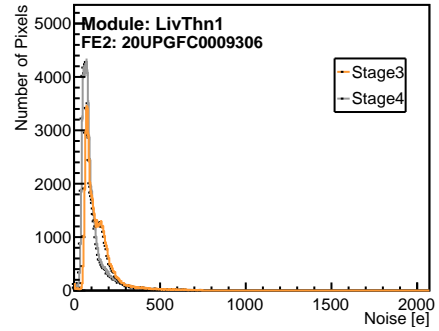
[std FE] NoiseDist-0 (Comparison)

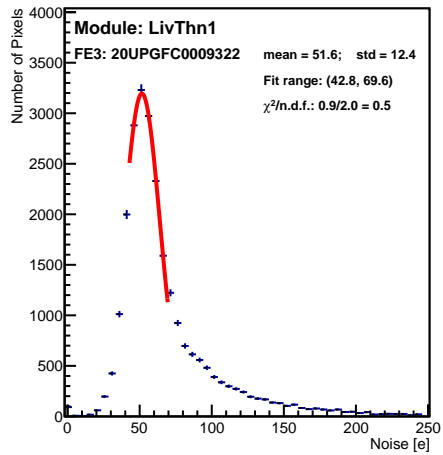
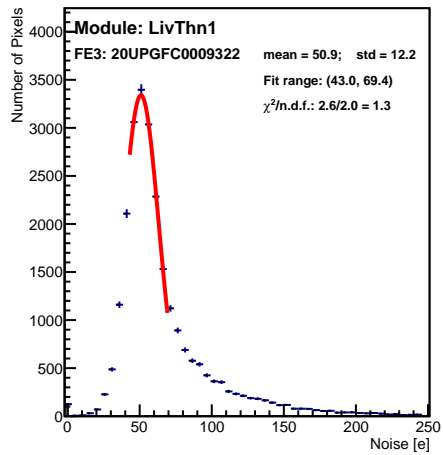


[std FE] NoiseDist-0 (Comparison)

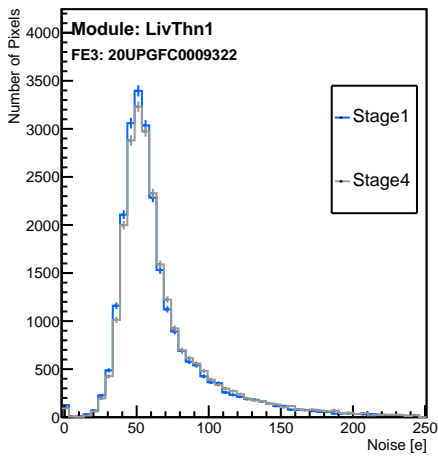


[std FE] NoiseDist-0 (Comparison)

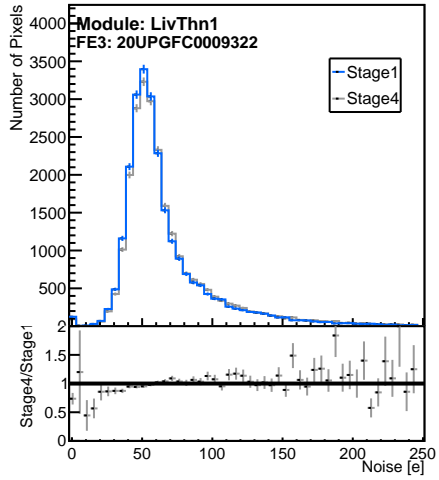


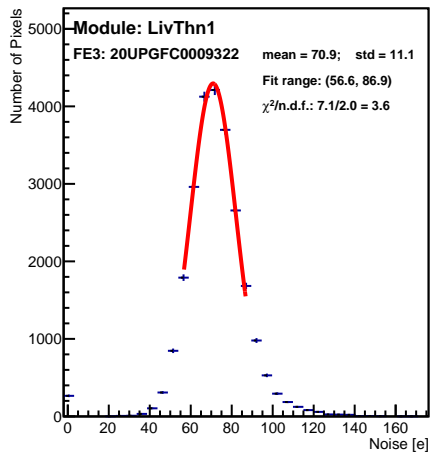
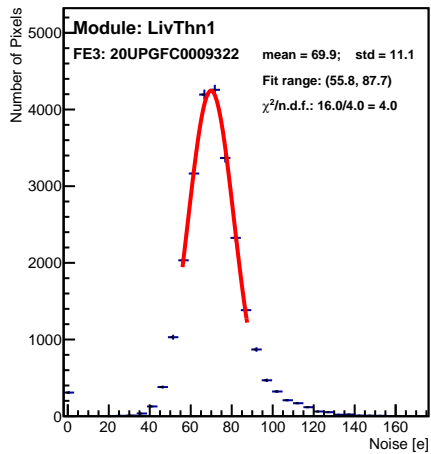


[diff FE] NoiseDist-0 (Comparison)

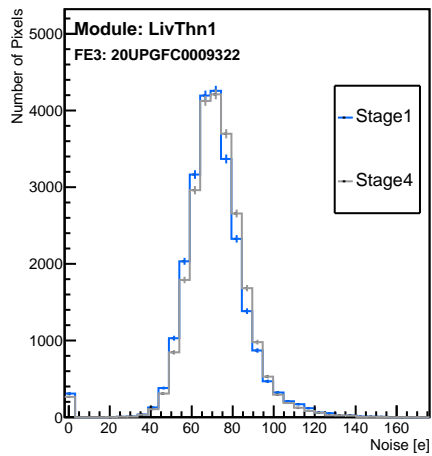


[diff FE] NoiseDist-0 (Comparison)

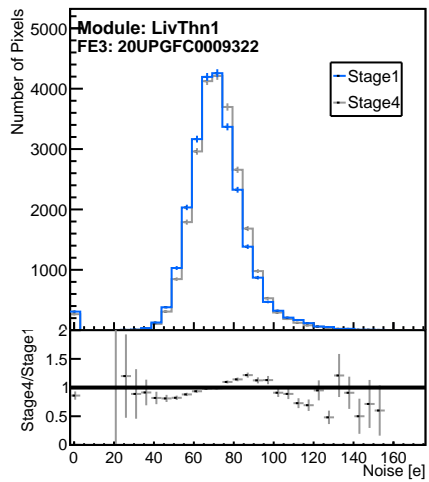


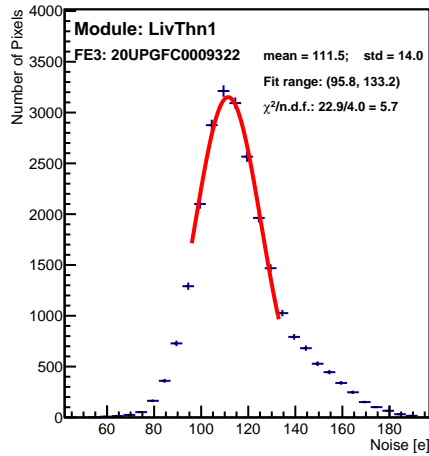
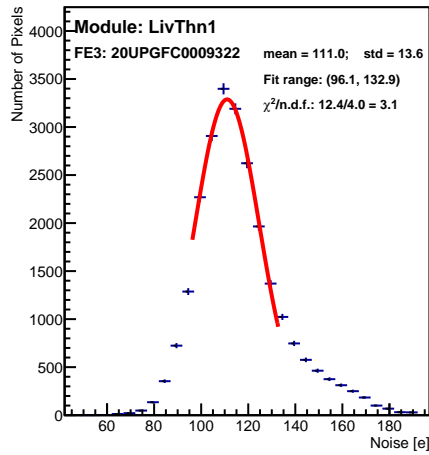


[lin FE] NoiseDist-0 (Comparison)

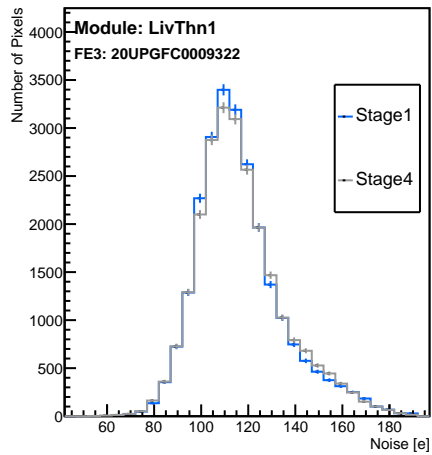


[lin FE] NoiseDist-0 (Comparison)

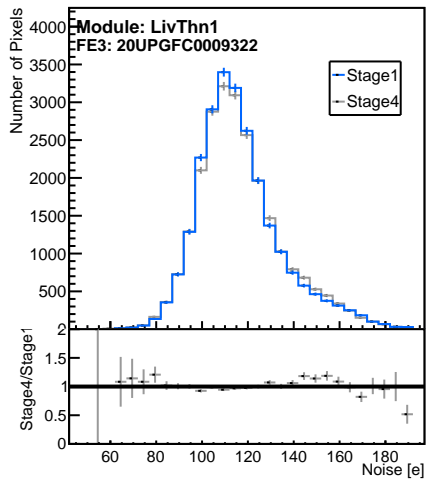




[syn FE] NoiseDist-0 (Comparison)

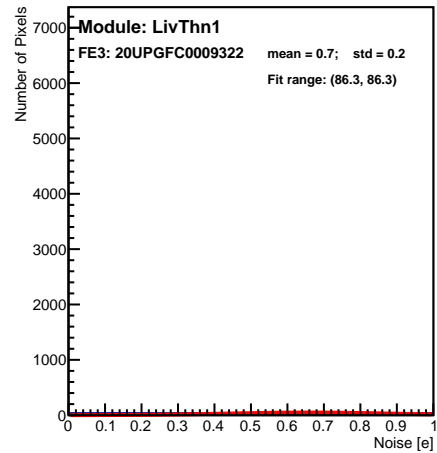
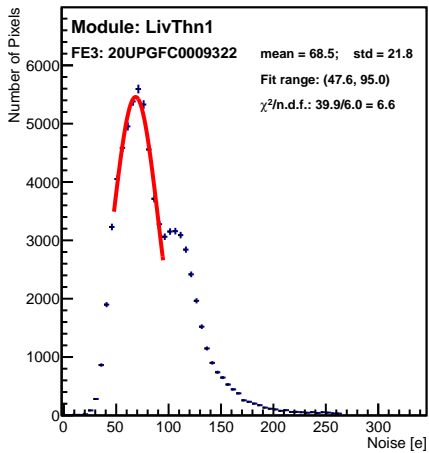


[syn FE] NoiseDist-0 (Comparison)

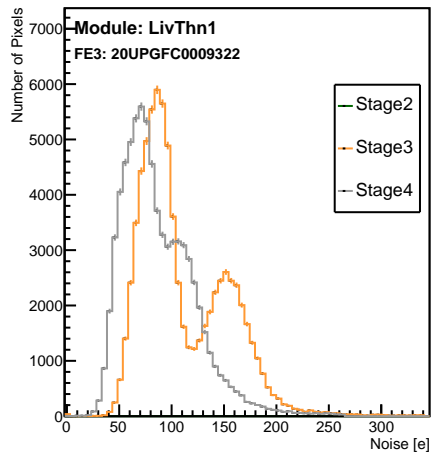


# NoiseDist - std

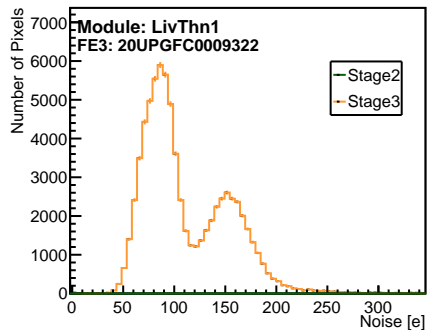
[std FE] NoiseDist-0 (Stage3)



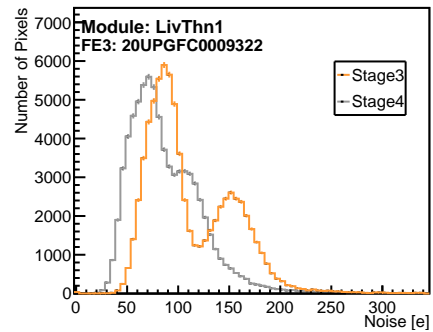
[std FE] NoiseDist-0 (Comparison)

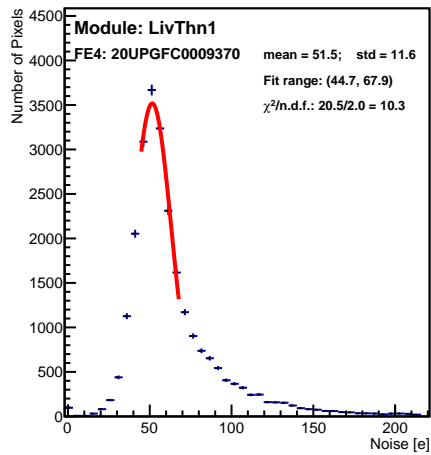
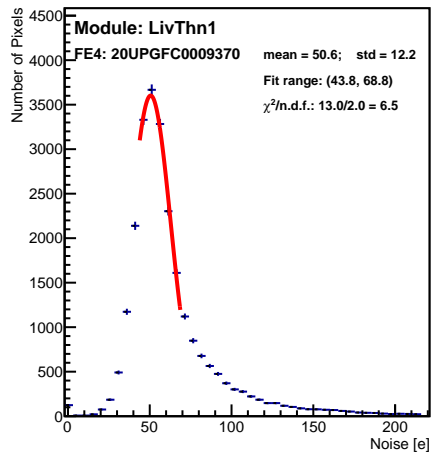


[std FE] NoiseDist-0 (Comparison)

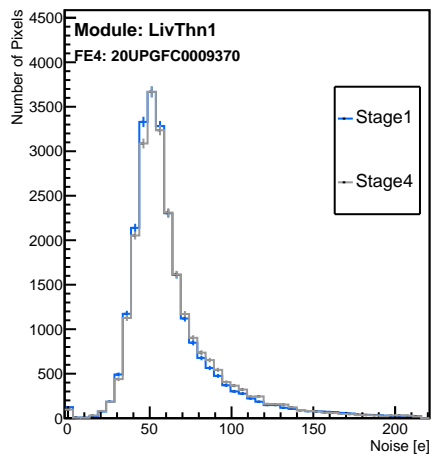


[std FE] NoiseDist-0 (Comparison)

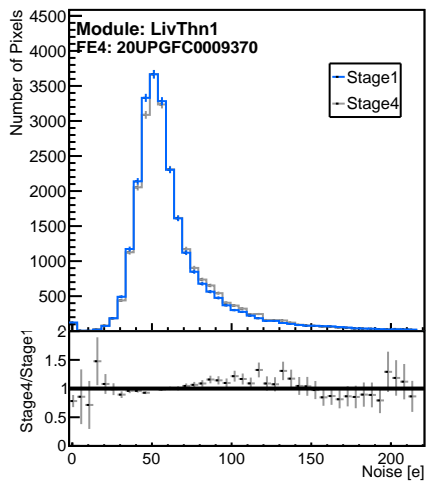


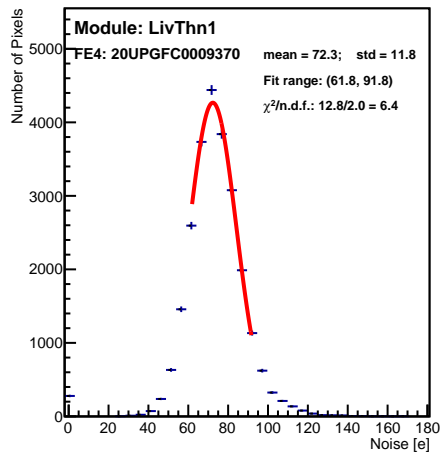
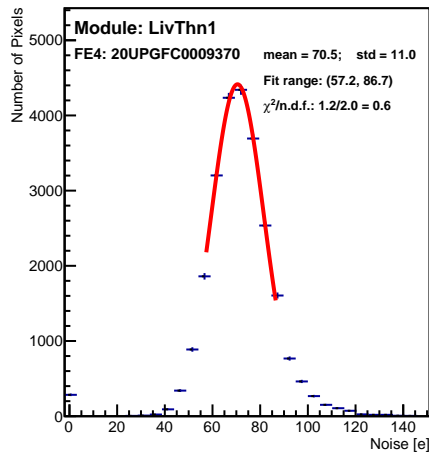


[diff FE] NoiseDist-0 (Comparison)

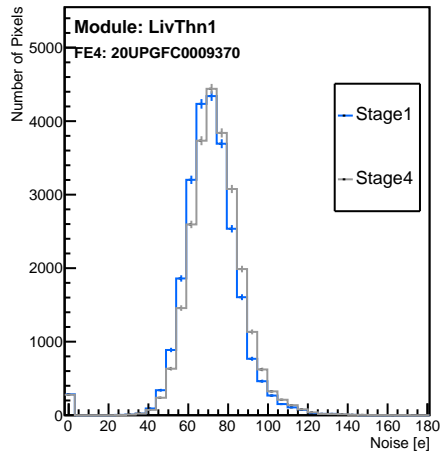


[diff FE] NoiseDist-0 (Comparison)

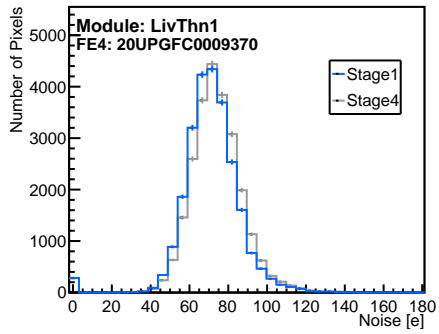


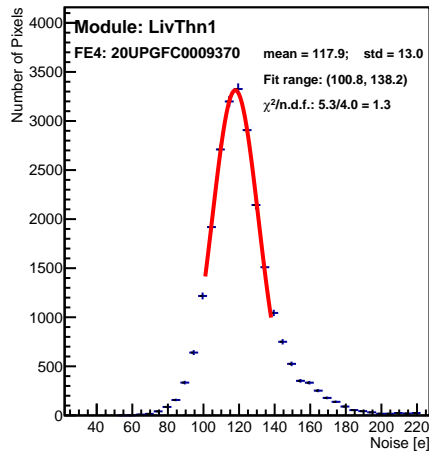
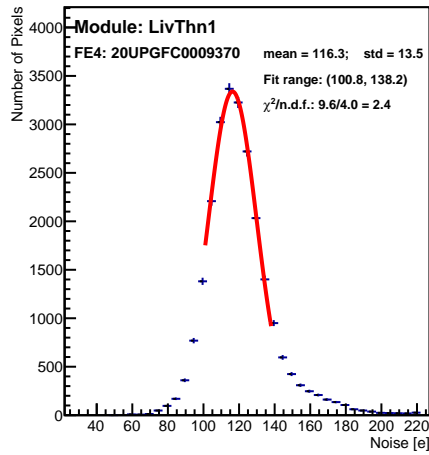


[lin FE] NoiseDist-0 (Comparison)

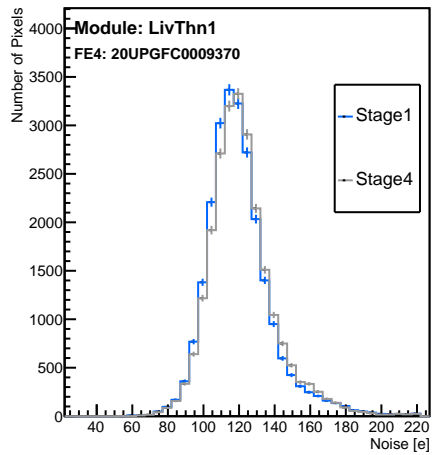


[lin FE] NoiseDist-0 (Comparison)

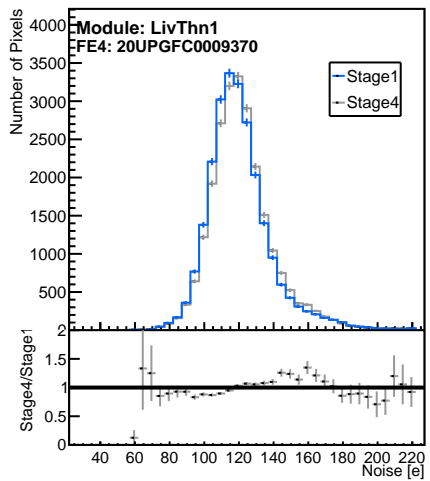




[syn FE] NoiseDist-0 (Comparison)

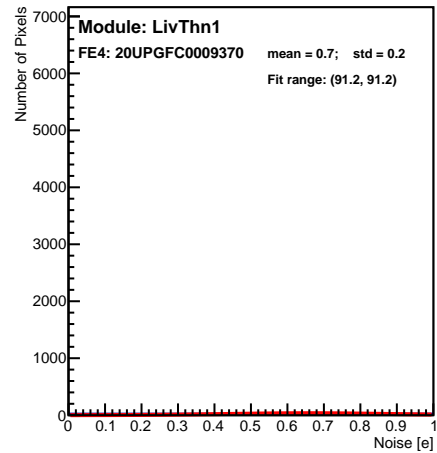
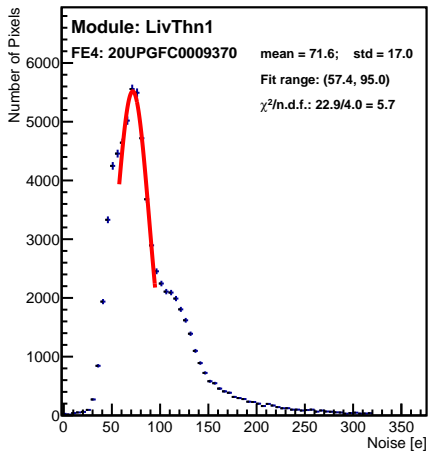


[syn FE] NoiseDist-0 (Comparison)

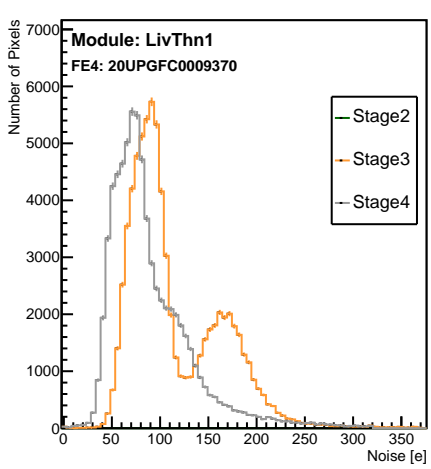


# NoiseDist - std

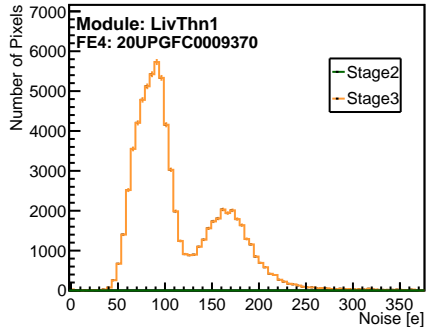
[std FE] NoiseDist-0 (Stage3)



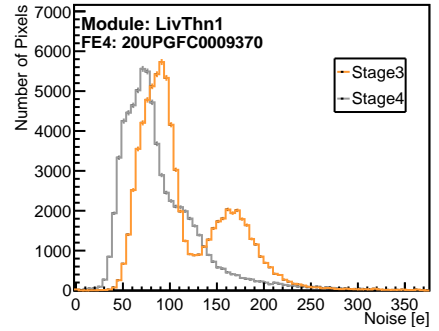
[std FE] NoiseDist-0 (Comparison)



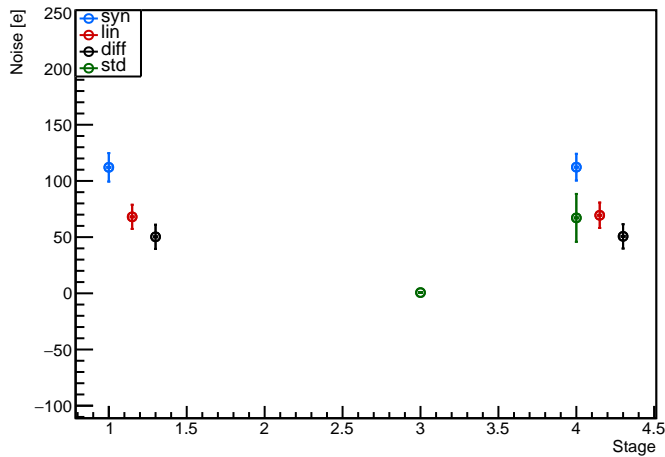
[std FE] NoiseDist-0 (Comparison)



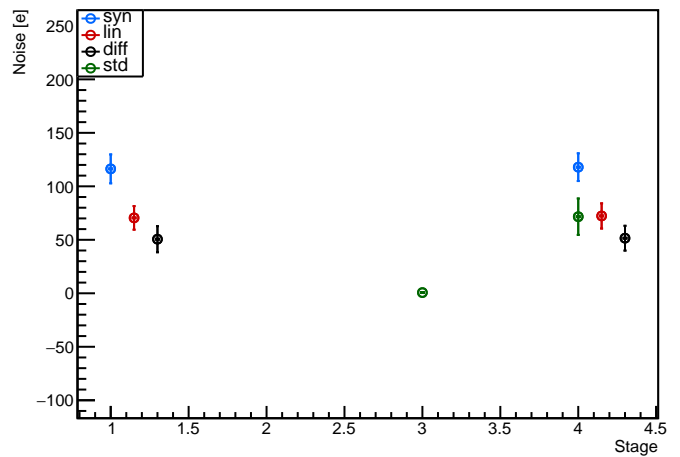
[std FE] NoiseDist-0 (Comparison)



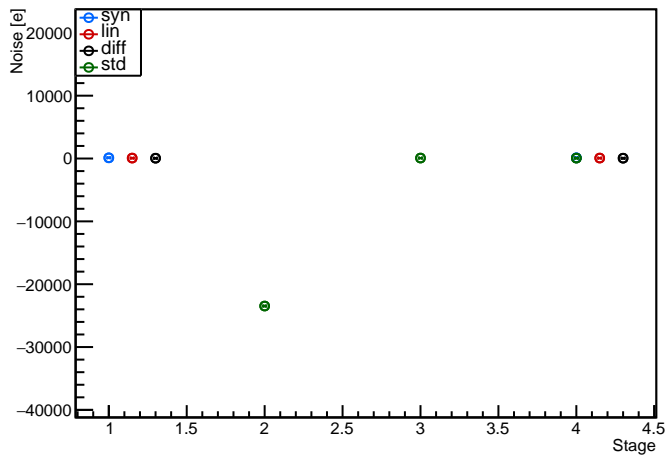
Module: LivThn1, 20UPGFC0009274 (FE1)  
NoiseDist Evolution plot



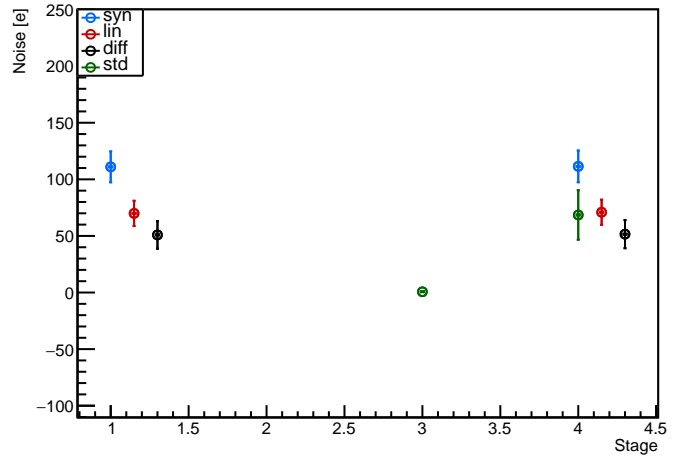
Module: LivThn1, 20UPGFC0009370 (FE4)  
NoiseDist Evolution plot



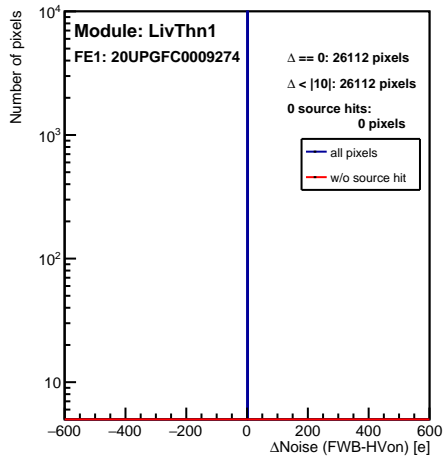
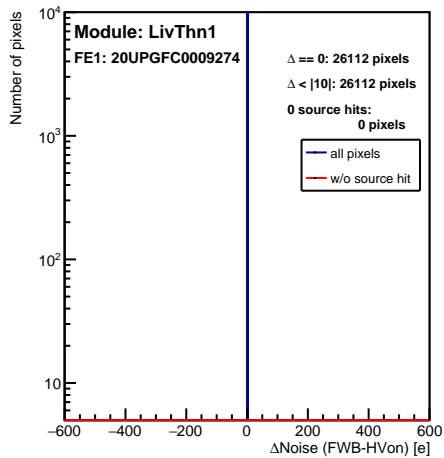
Module: LivThn1, 20UPGFC0009306 (FE2)  
NoiseDist Evolution plot

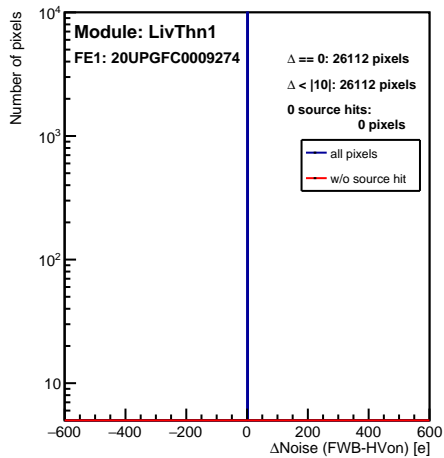
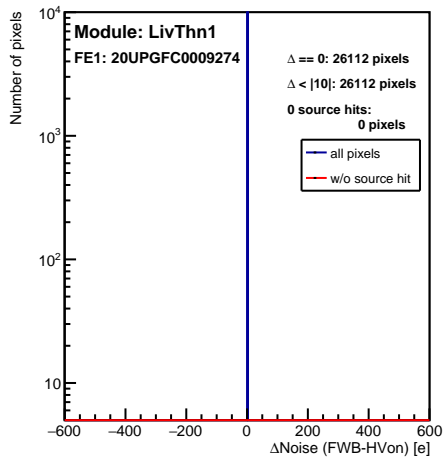


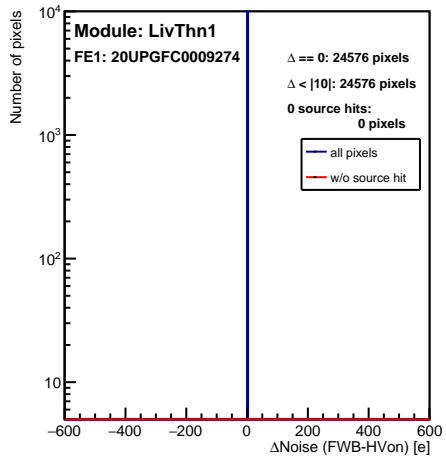
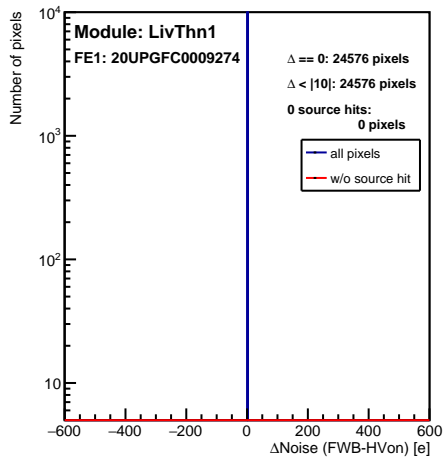
Module: LivThn1, 20UPGFC0009322 (FE3)  
NoiseDist Evolution plot



# NoiseMap - diff

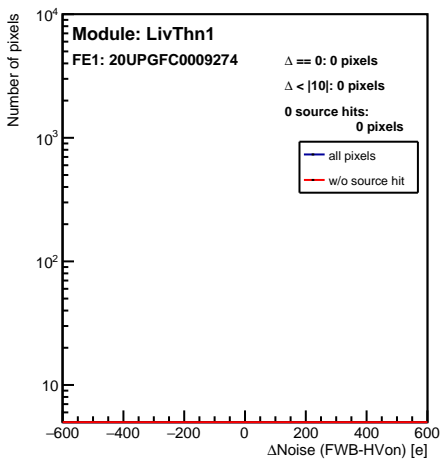




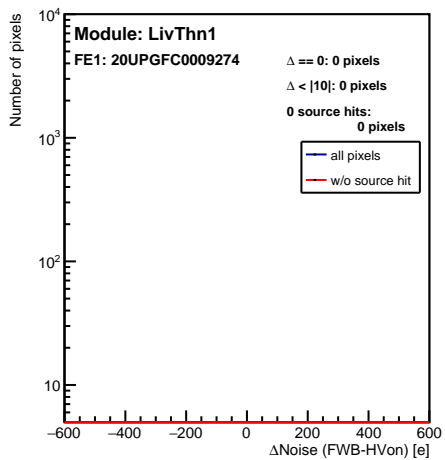


# NoiseMap - std

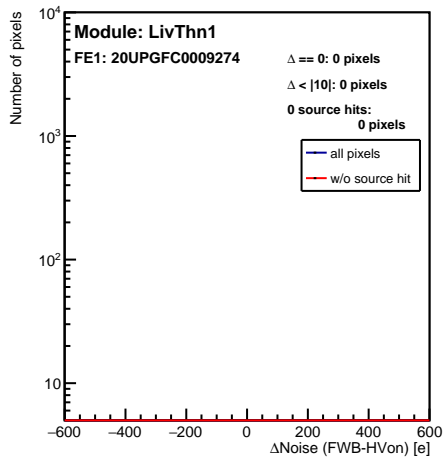
[std FE]  $\Delta$ NoiseMap-0 (Stage2)



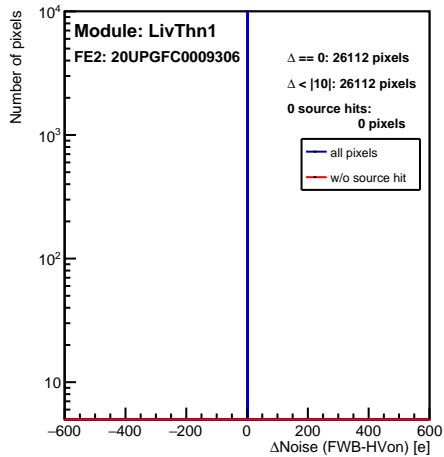
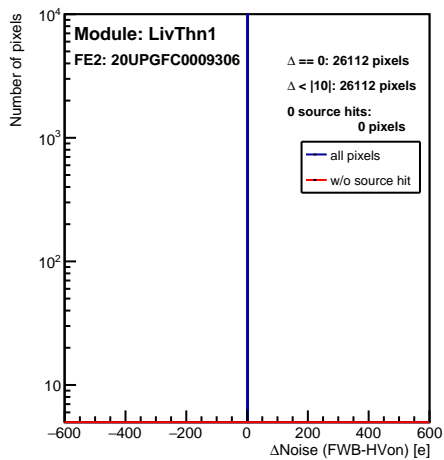
[std FE]  $\Delta$ NoiseMap-0 (Stage3)

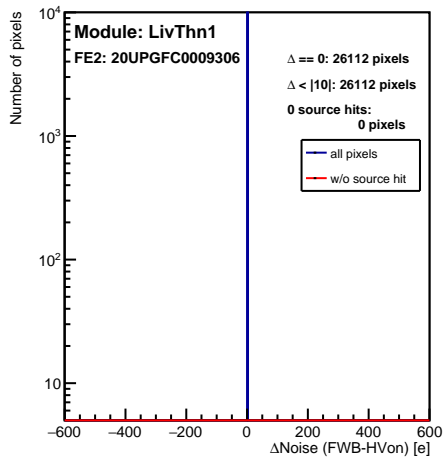
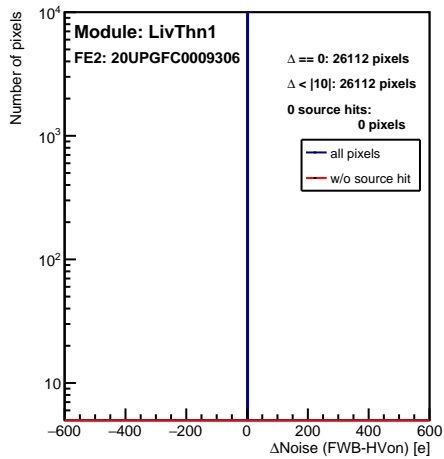


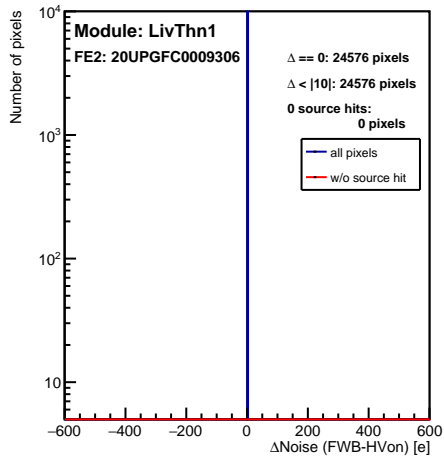
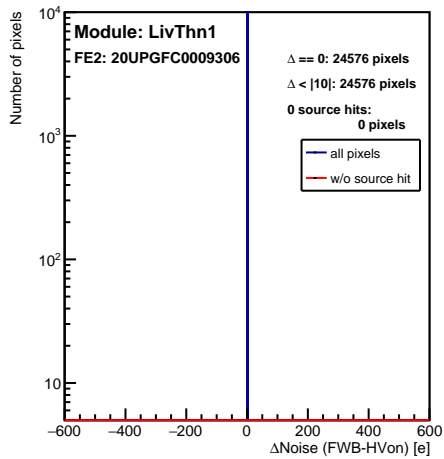
[std FE]  $\Delta$ NoiseMap-0 (Stage4)



# NoiseMap - diff

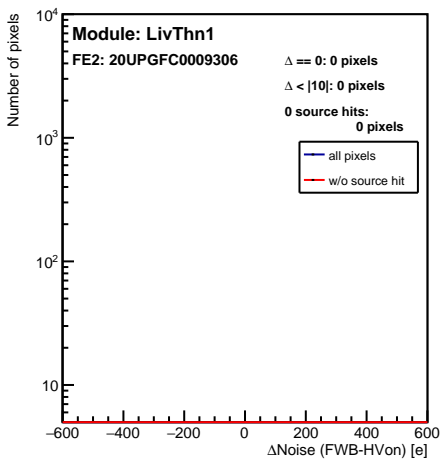




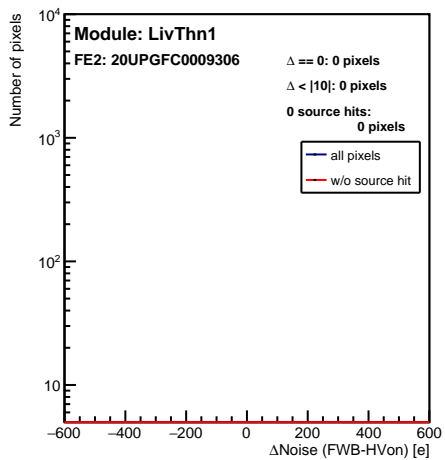


# NoiseMap - std

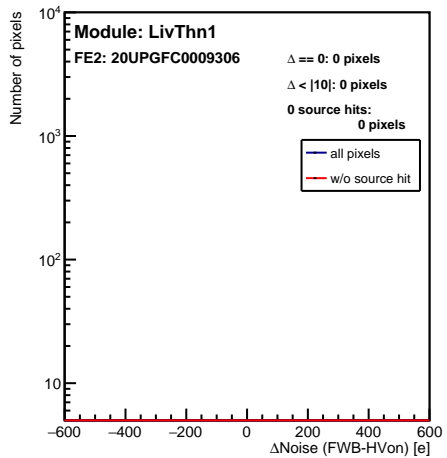
[std FE]  $\Delta$ NoiseMap-0 (Stage2)

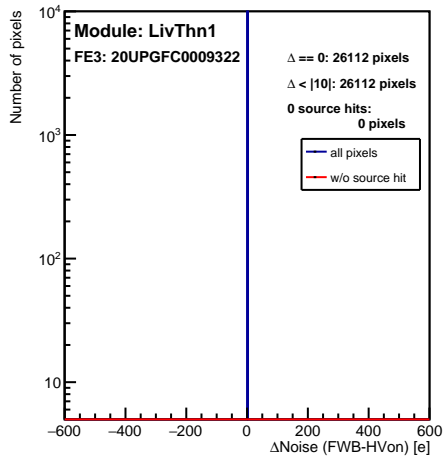
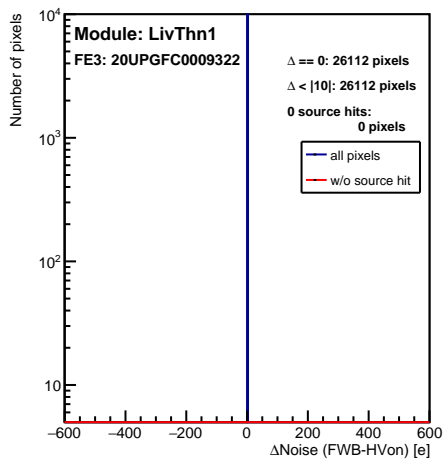


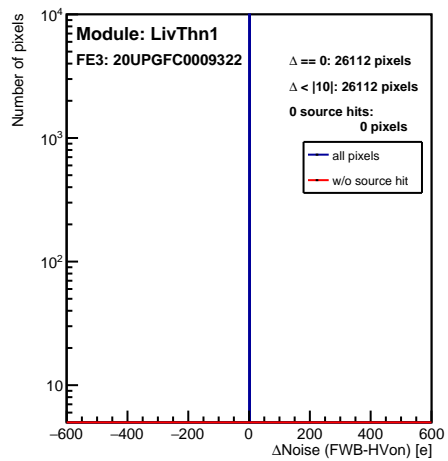
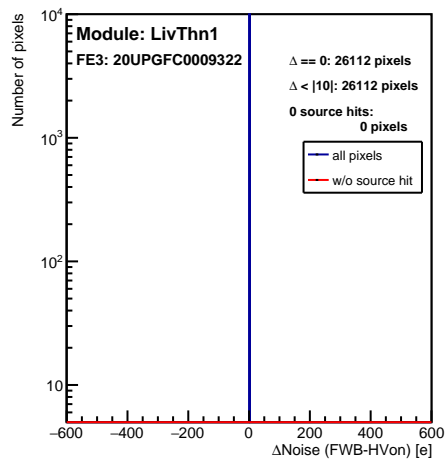
[std FE]  $\Delta$ NoiseMap-0 (Stage3)

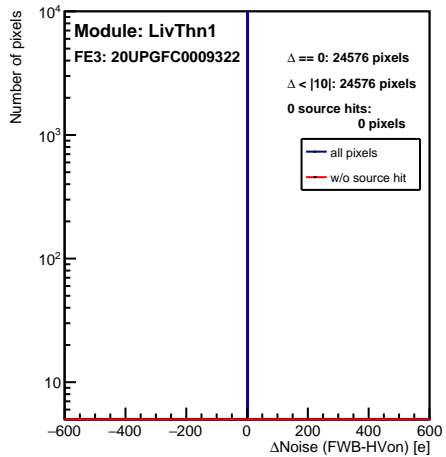
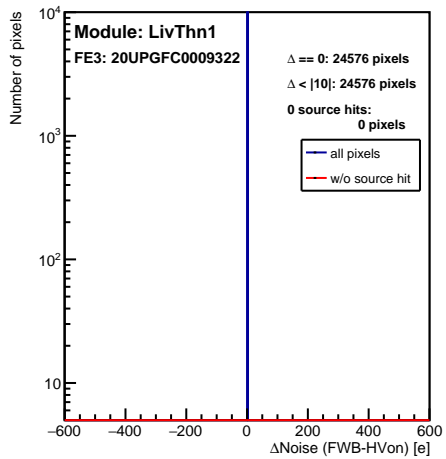


[std FE]  $\Delta$ NoiseMap-0 (Stage4)



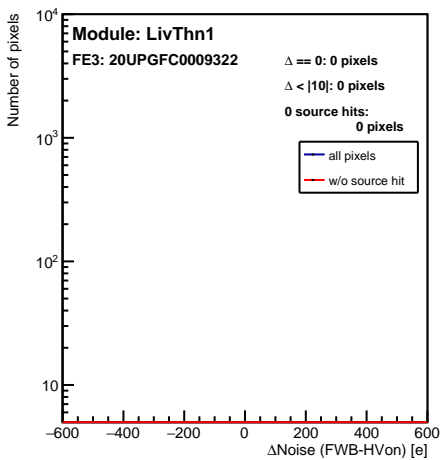




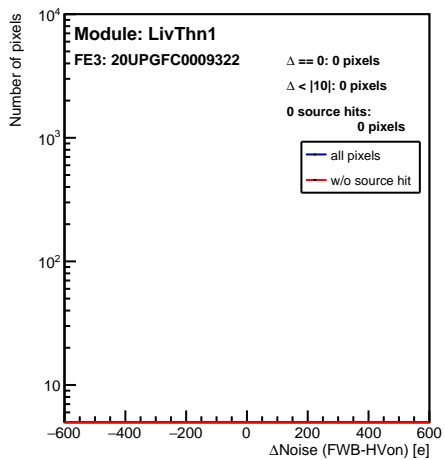


# NoiseMap - std

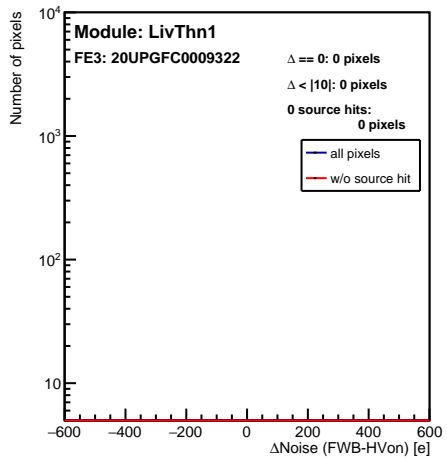
[std FE]  $\Delta$ NoiseMap-0 (Stage2)



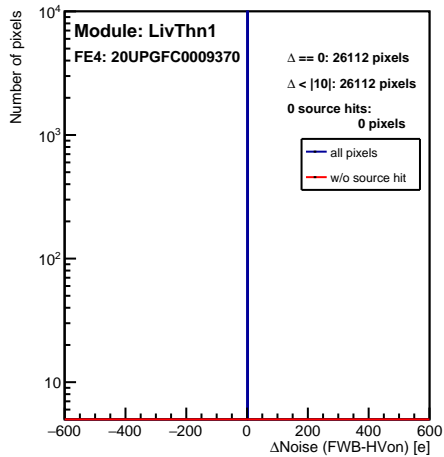
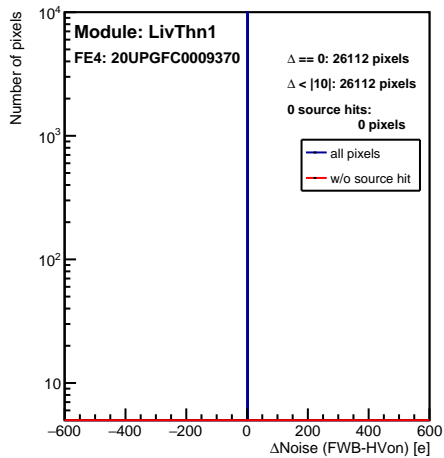
[std FE]  $\Delta$ NoiseMap-0 (Stage3)

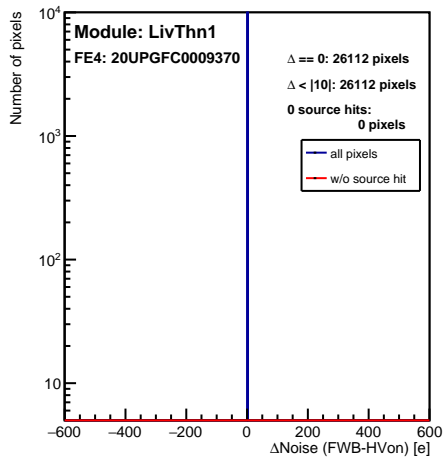
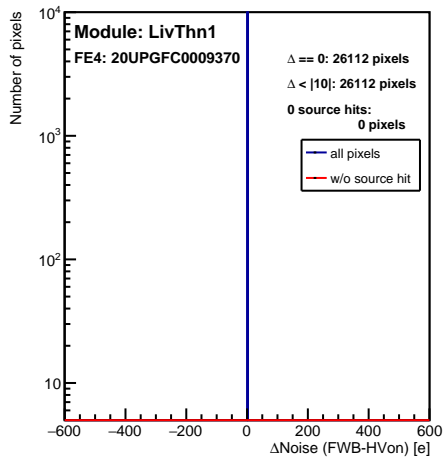


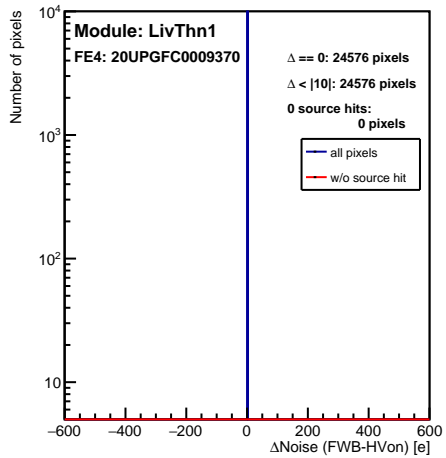
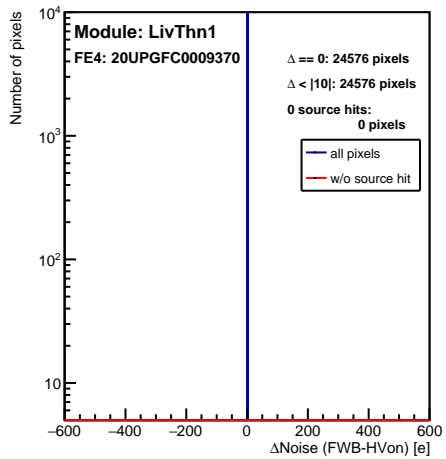
[std FE]  $\Delta$ NoiseMap-0 (Stage4)



# NoiseMap - diff

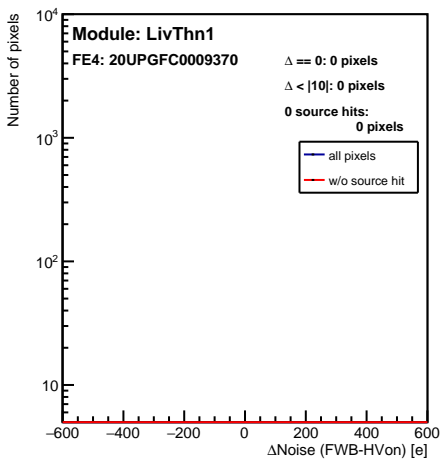




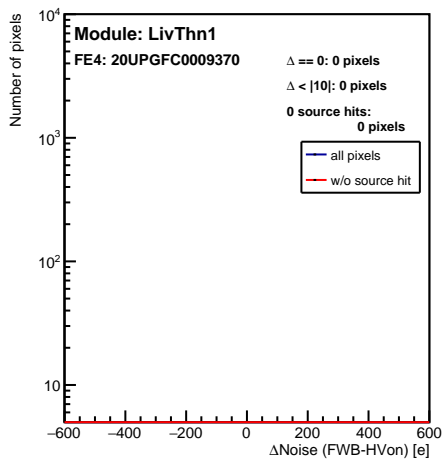


# NoiseMap - std

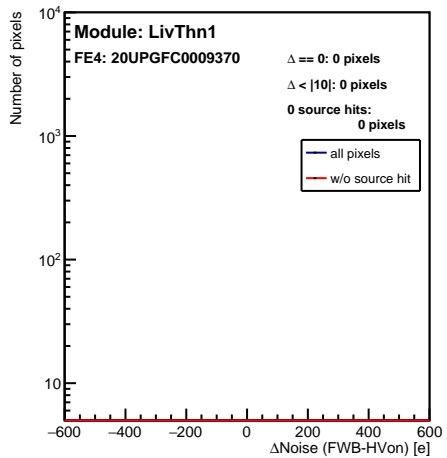
[std FE]  $\Delta$ NoiseMap-0 (Stage2)

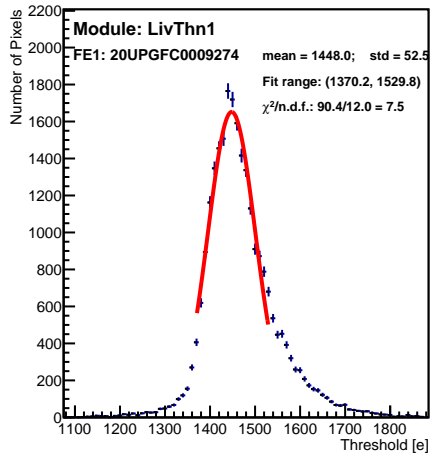
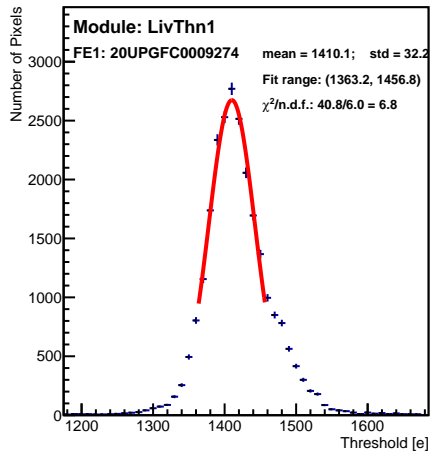


[std FE]  $\Delta$ NoiseMap-0 (Stage3)

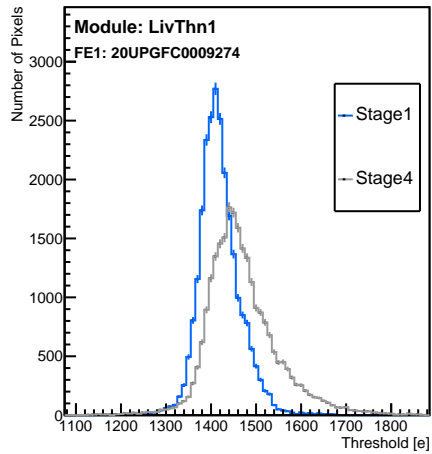


[std FE]  $\Delta$ NoiseMap-0 (Stage4)

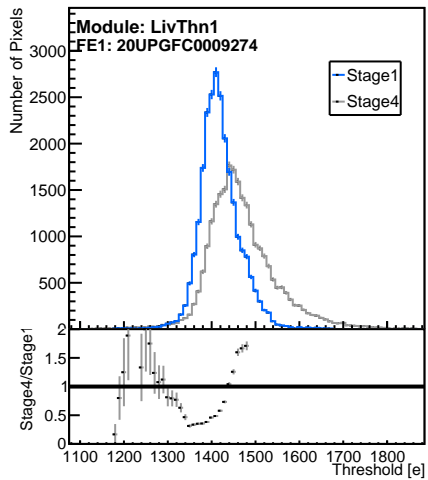


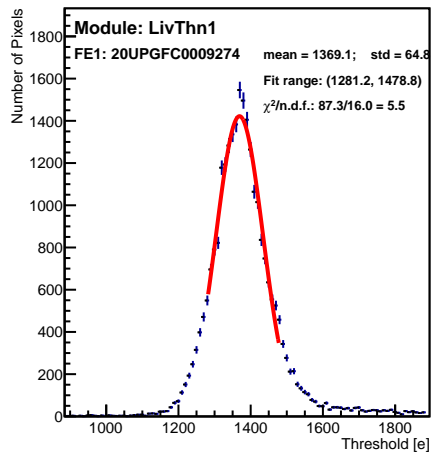
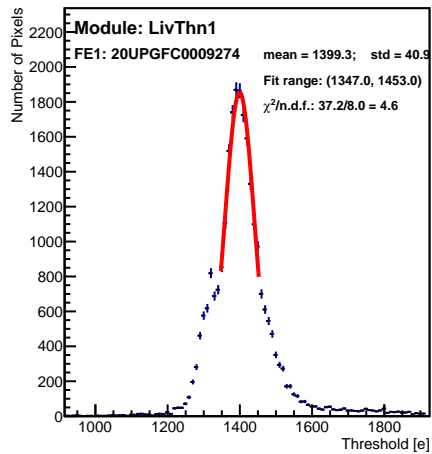


[diff FE] ThresholdDist-0 (Comparison)

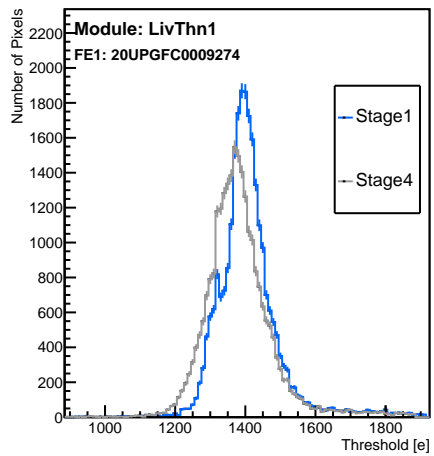


[diff FE] ThresholdDist-0 (Comparison)

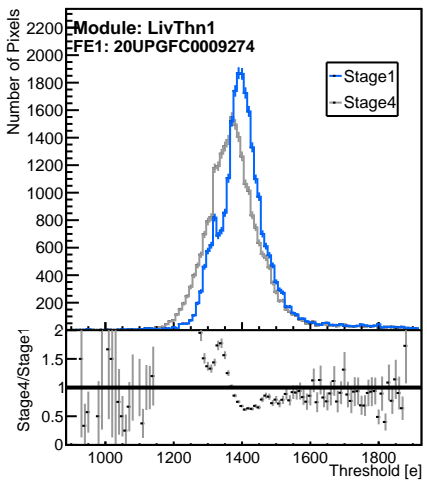




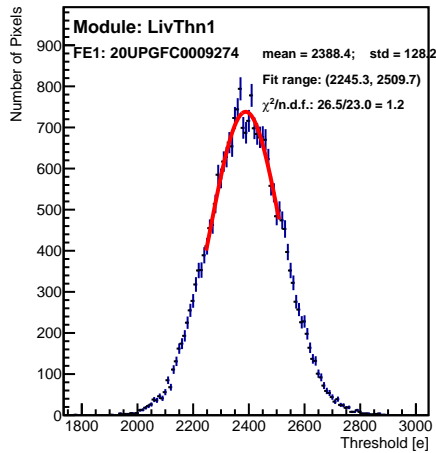
[lin FE] ThresholdDist-0 (Comparison)



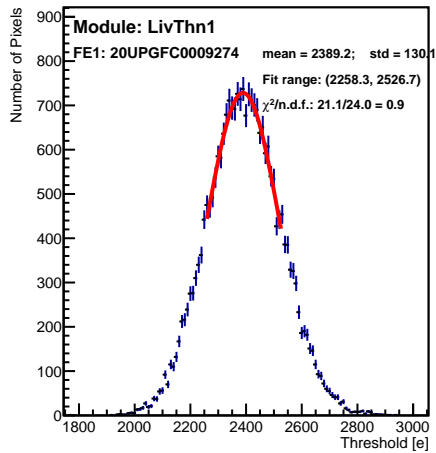
[lin FE] ThresholdDist-0 (Comparison)



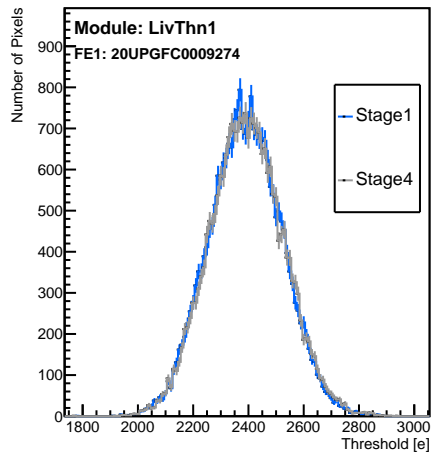
# ThresholdDist - syn



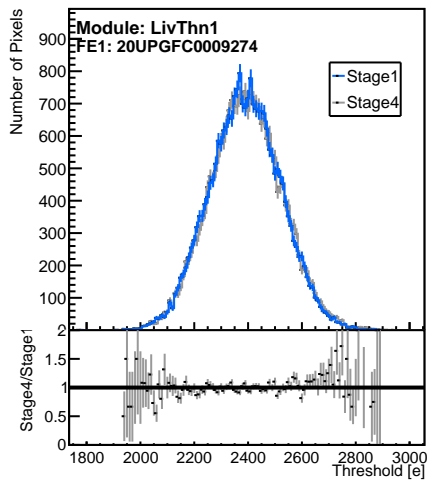
[syn FE] ThresholdDist-0 (Stage4)



[syn FE] ThresholdDist-0 (Comparison)



[syn FE] ThresholdDist-0 (Comparison)



# ThresholdDist - std

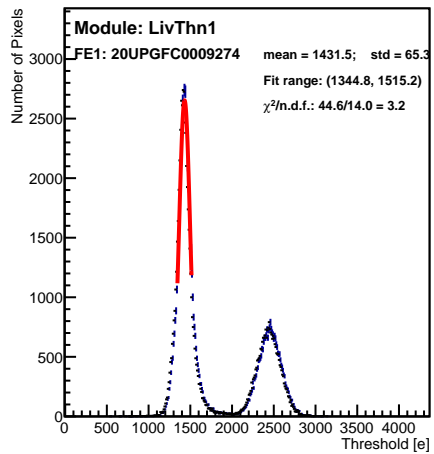
Module: LivThn1

FE1: 20UPGFC0009274

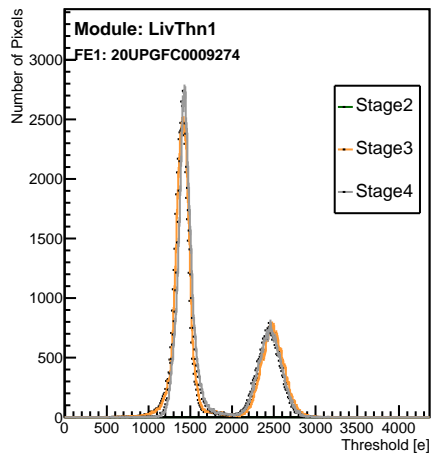
mean = 0.0; std = 0.0

Fit range: (1420.0, 1420.0)

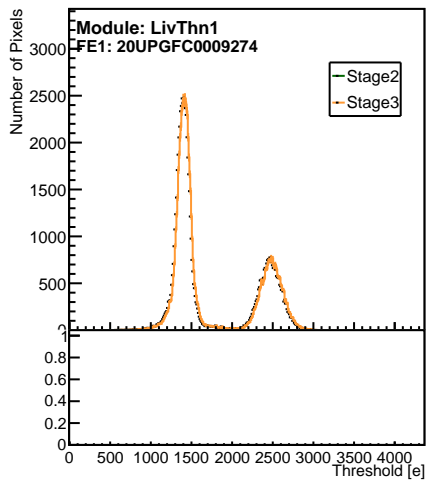
[std FE] ThresholdDist-0 (Stage3)



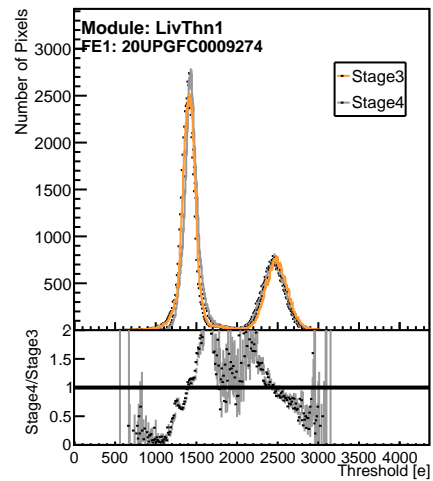
[std FE] ThresholdDist-0 (Comparison)

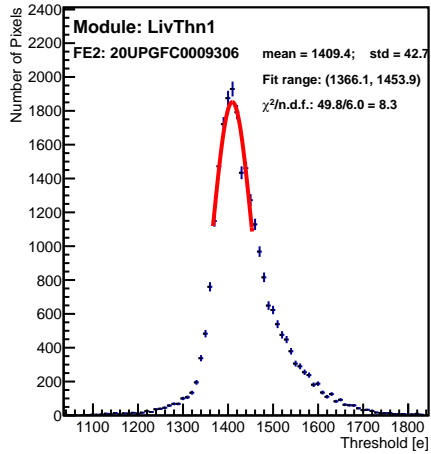
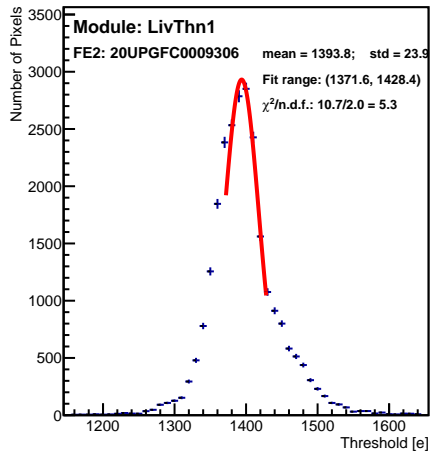


[std FE] ThresholdDist-0 (Comparison)

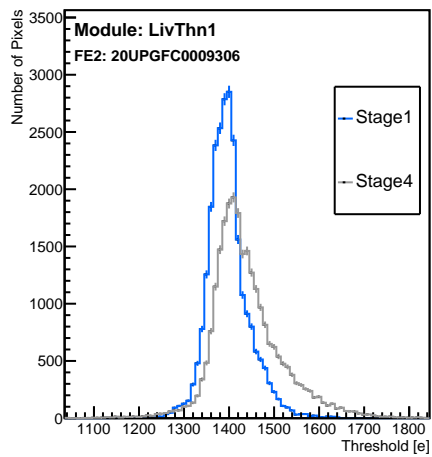


[std FE] ThresholdDist-0 (Comparison)

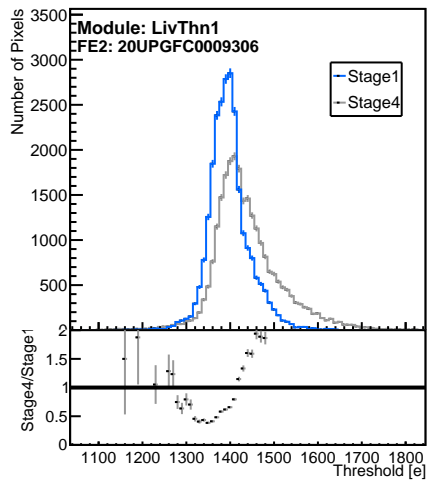


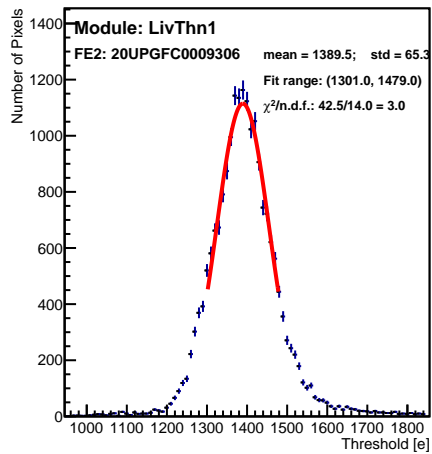
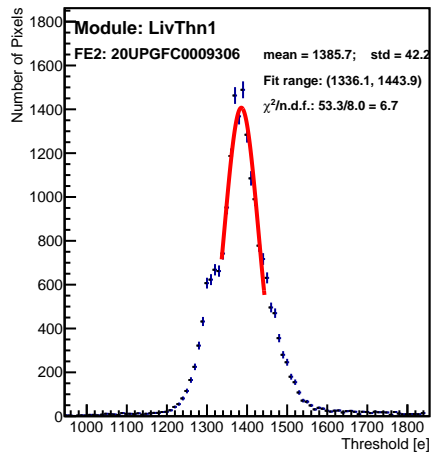


[diff FE] ThresholdDist-0 (Comparison)

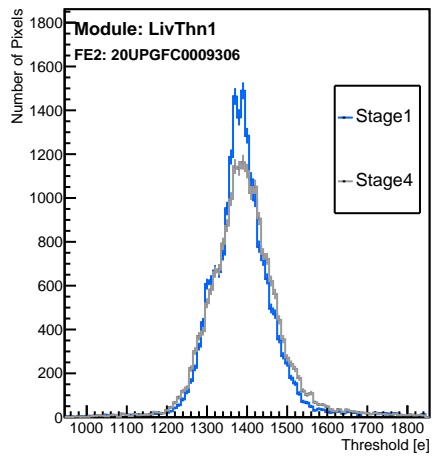


[diff FE] ThresholdDist-0 (Comparison)

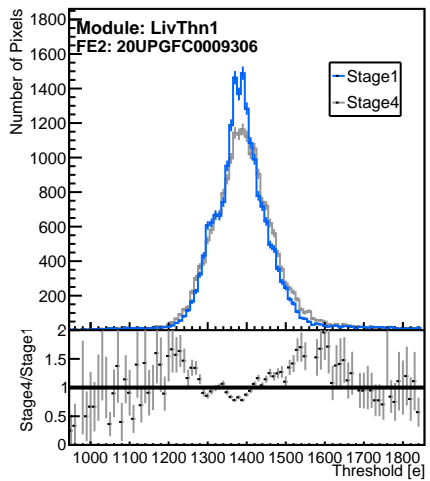


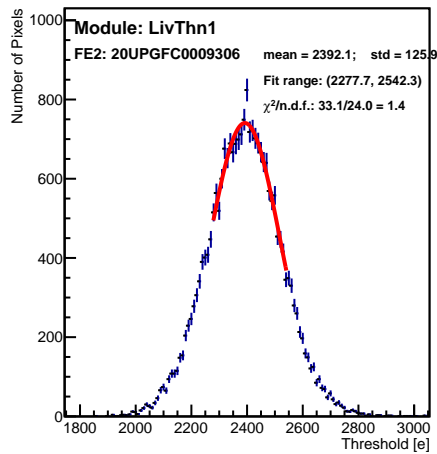
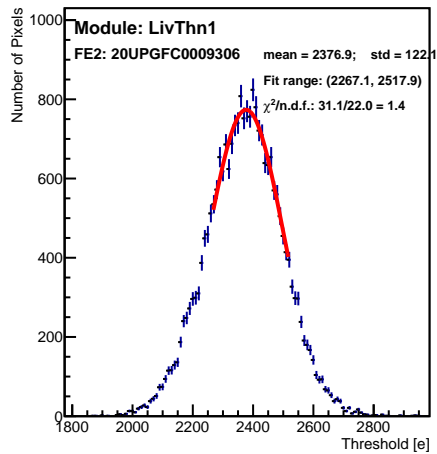


[lin FE] ThresholdDist-0 (Comparison)

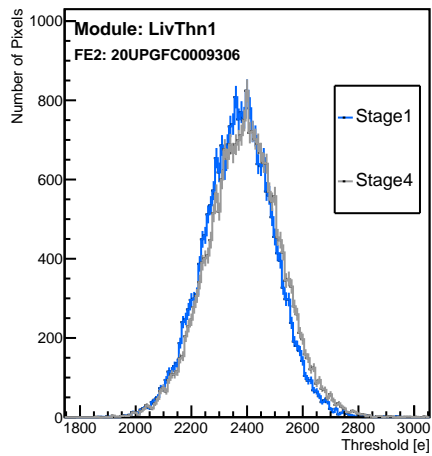


[lin FE] ThresholdDist-0 (Comparison)

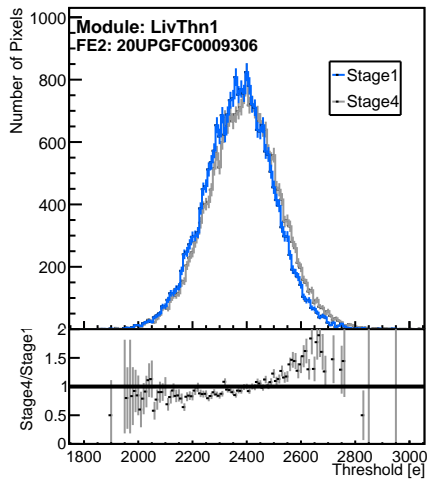




[syn FE] ThresholdDist-0 (Comparison)

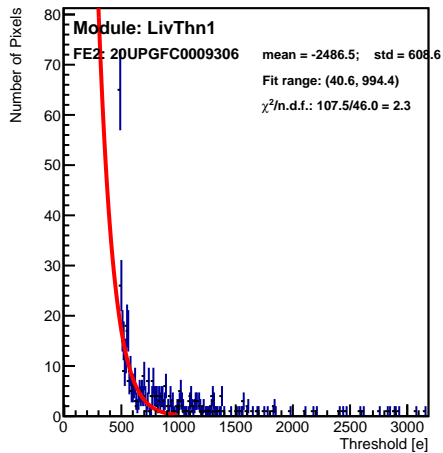


[syn FE] ThresholdDist-0 (Comparison)

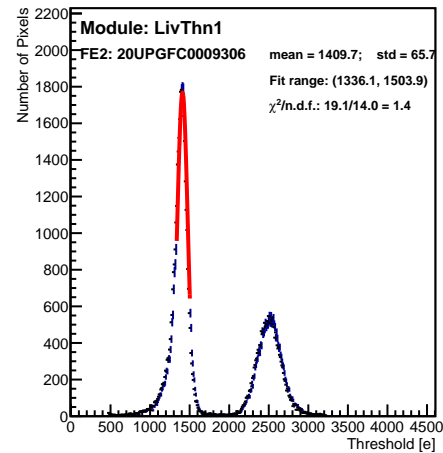


# ThresholdDist - std

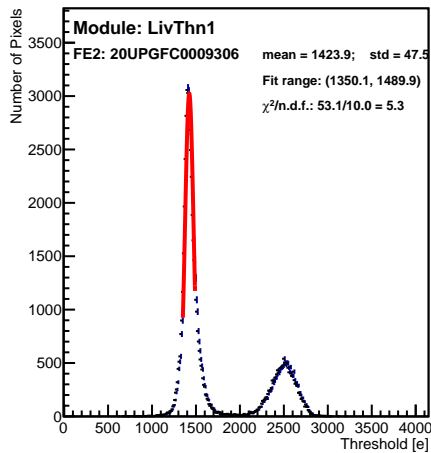
[std FE] ThresholdDist-0 (Stage2)



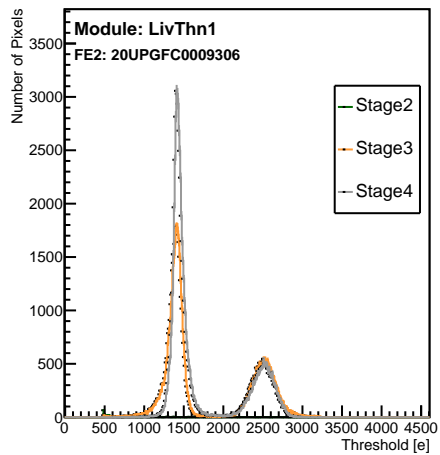
[std FE] ThresholdDist-0 (Stage3)



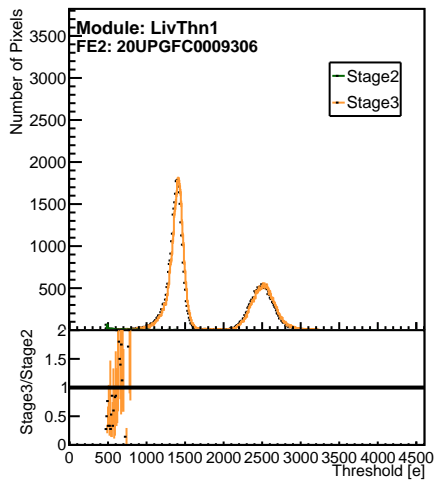
[std FE] ThresholdDist-0 (Stage4)



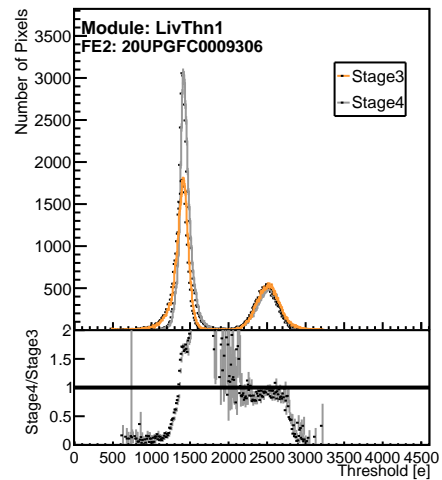
[std FE] ThresholdDist-0 (Comparison)

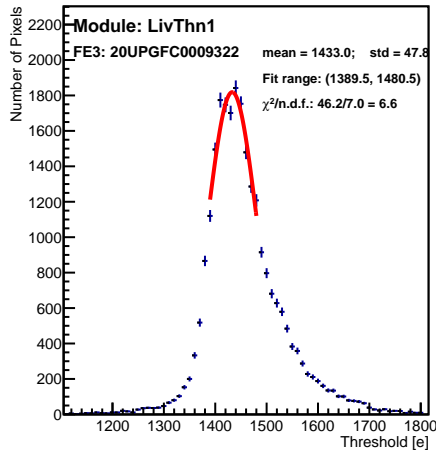
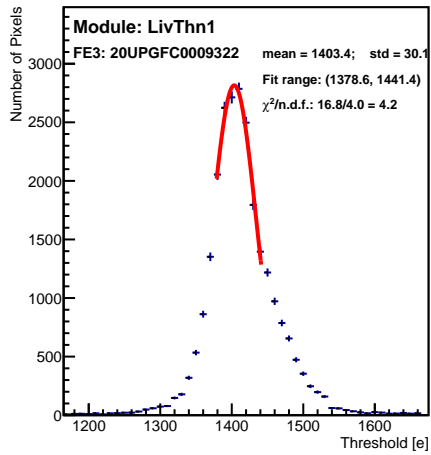


[std FE] ThresholdDist-0 (Comparison)

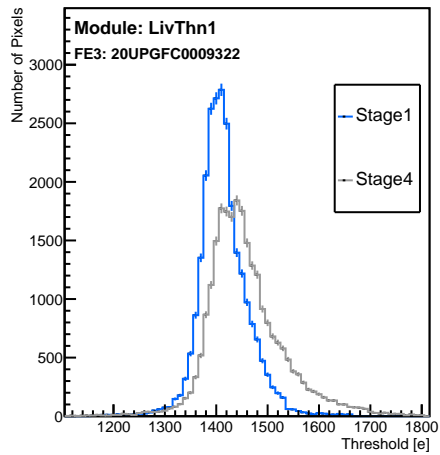


[std FE] ThresholdDist-0 (Comparison)

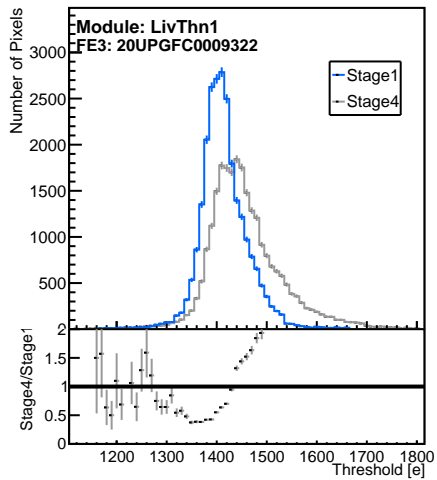


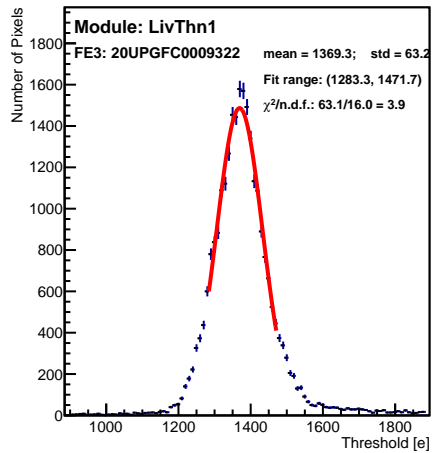
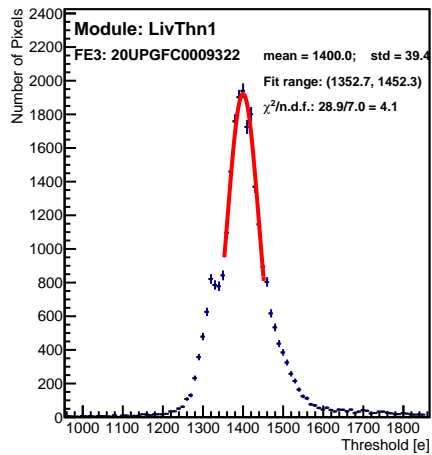


[diff FE] ThresholdDist-0 (Comparison)

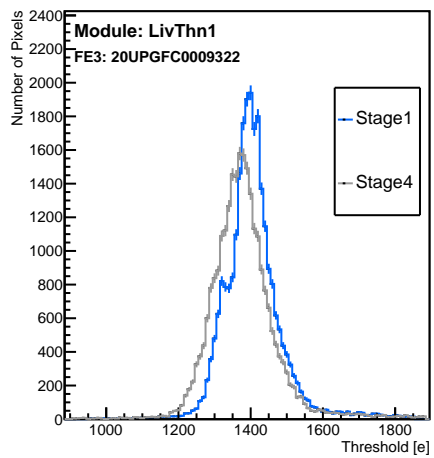


[diff FE] ThresholdDist-0 (Comparison)

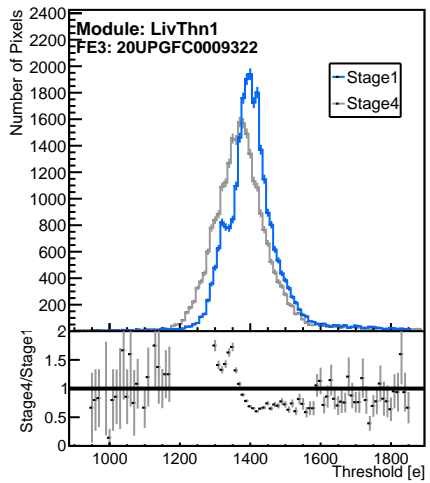


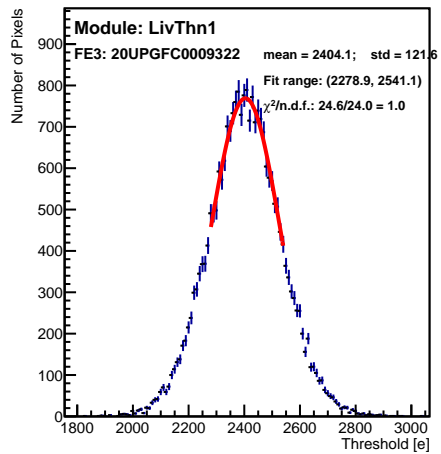
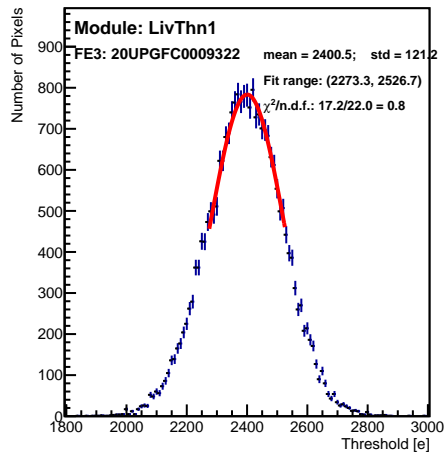


[lin FE] ThresholdDist-0 (Comparison)

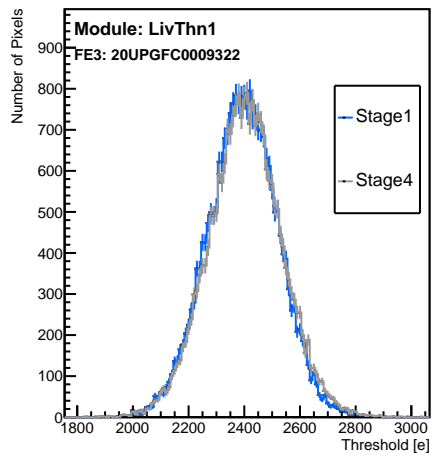


[lin FE] ThresholdDist-0 (Comparison)

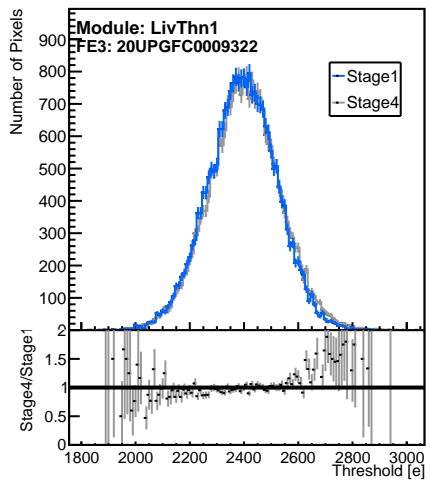




[syn FE] ThresholdDist-0 (Comparison)



[syn FE] ThresholdDist-0 (Comparison)



# ThresholdDist - std

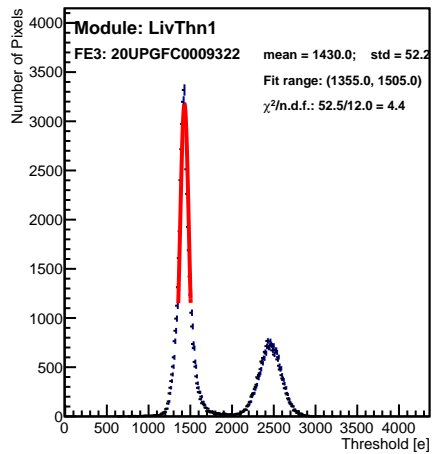
Module: LivThn1

FE3: 20UPGFC0009322

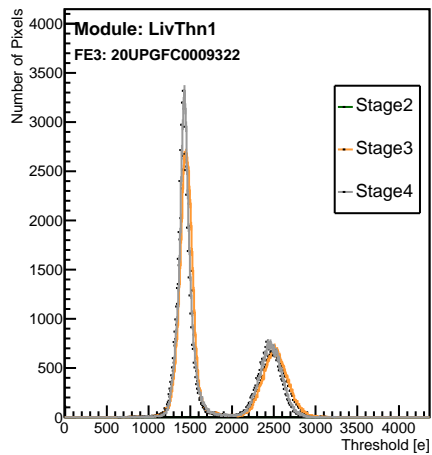
mean = 0.0; std = 0.0

Fit range: (1450.0, 1450.0)

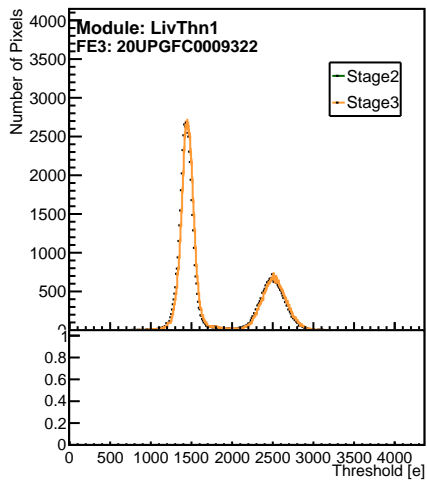
[std FE] ThresholdDist-0 (Stage3)



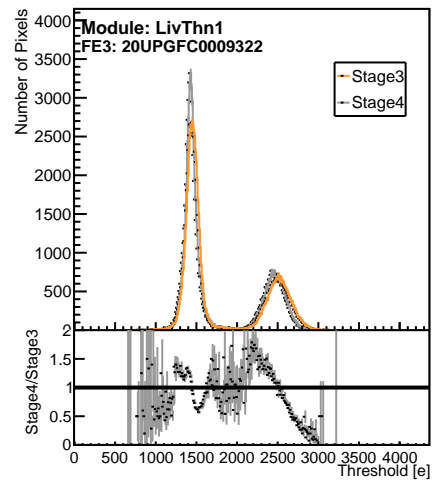
[std FE] ThresholdDist-0 (Comparison)

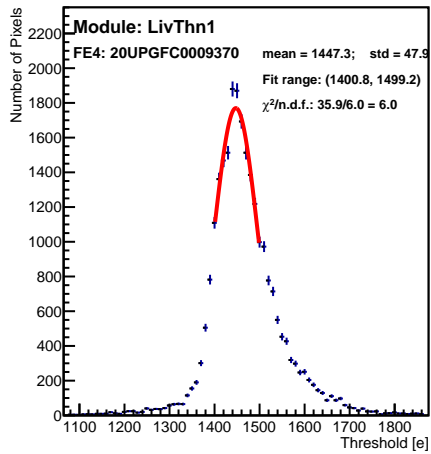
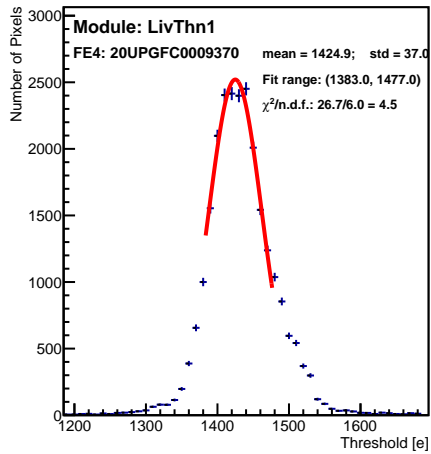


[std FE] ThresholdDist-0 (Comparison)

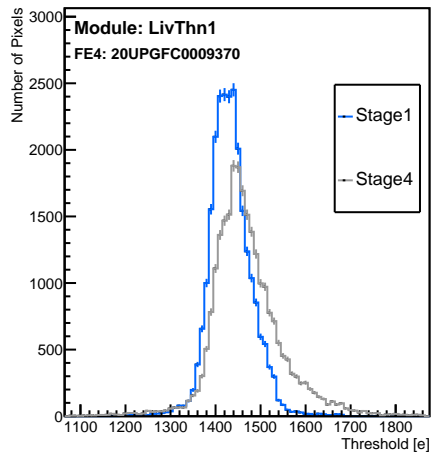


[std FE] ThresholdDist-0 (Comparison)

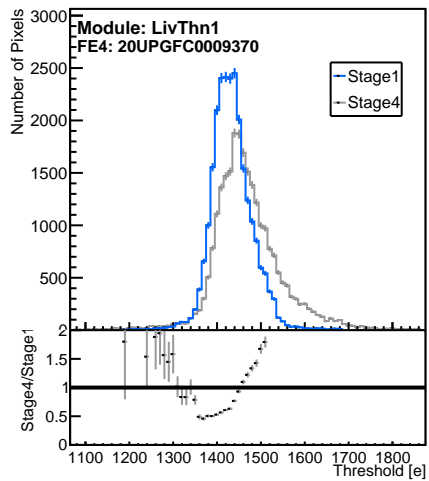


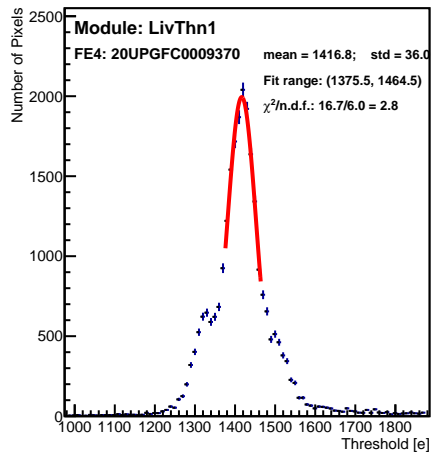


[diff FE] ThresholdDist-0 (Comparison)

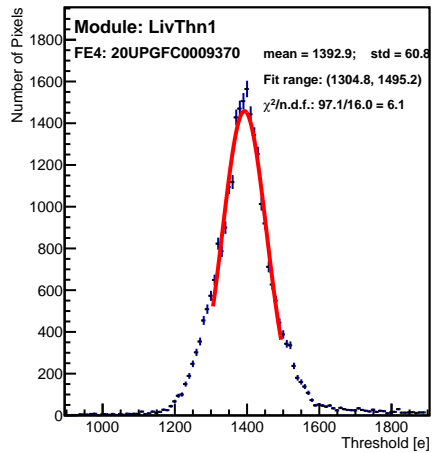


[diff FE] ThresholdDist-0 (Comparison)

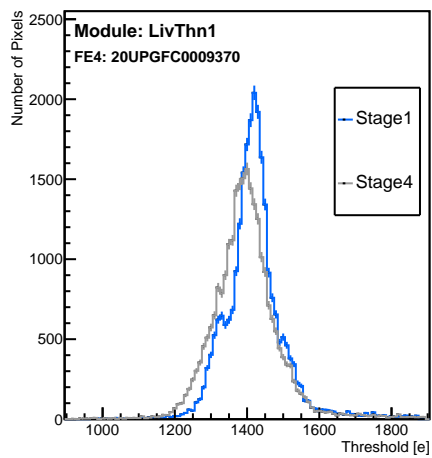




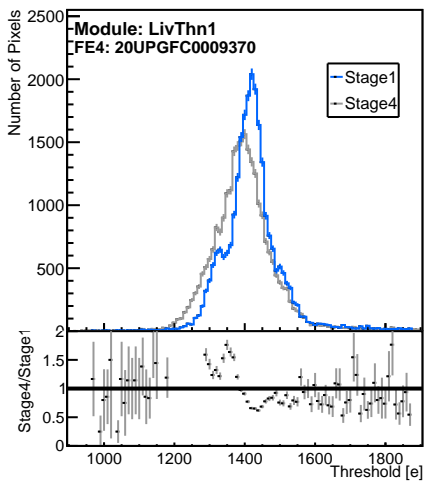
[[lin FE] ThresholdDist-0 (Stage4)

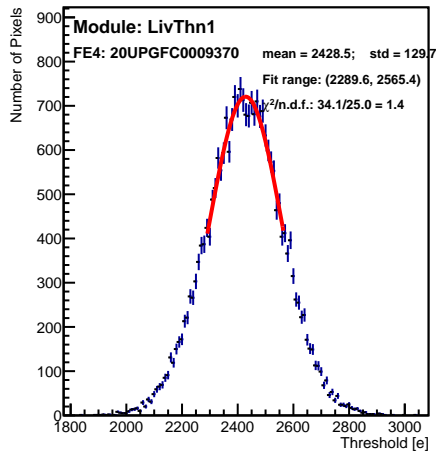
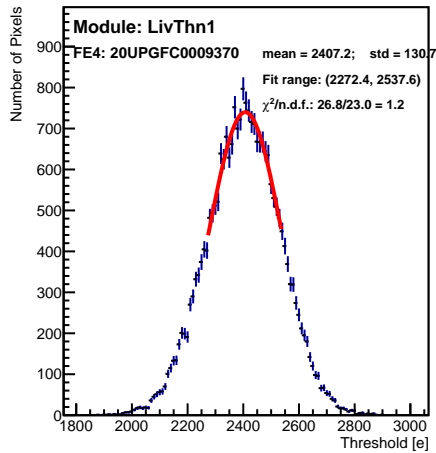


[lin FE] ThresholdDist-0 (Comparison)

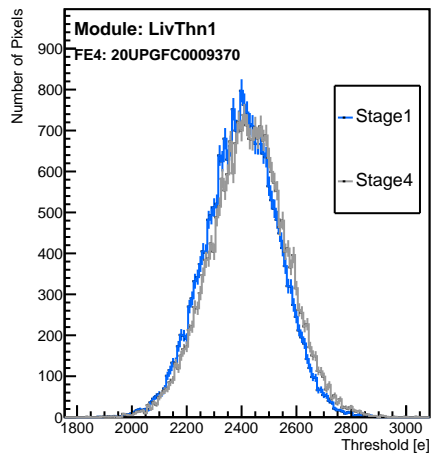


[lin FE] ThresholdDist-0 (Comparison)

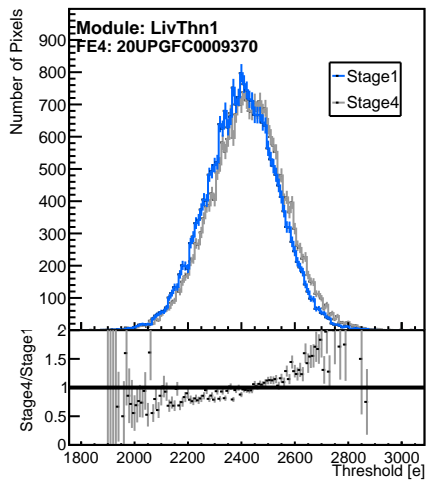




[syn FE] ThresholdDist-0 (Comparison)



[syn FE] ThresholdDist-0 (Comparison)

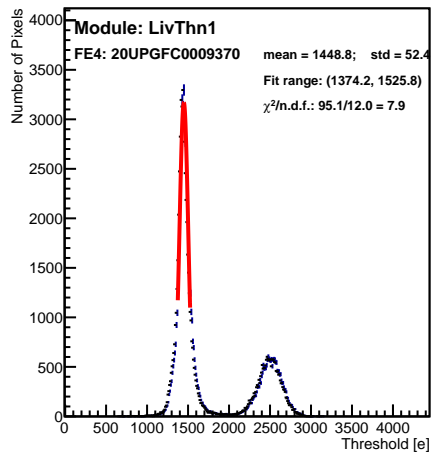


# ThresholdDist - std

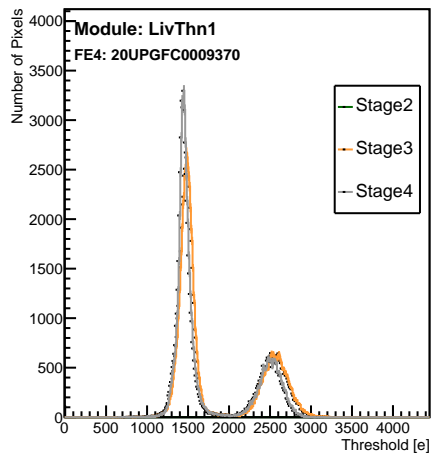
Module: LivThn1

FE4: 20UPGFC0009370 mean = 0.0; std = 0.0  
Fit range: (1490.0, 1490.0)

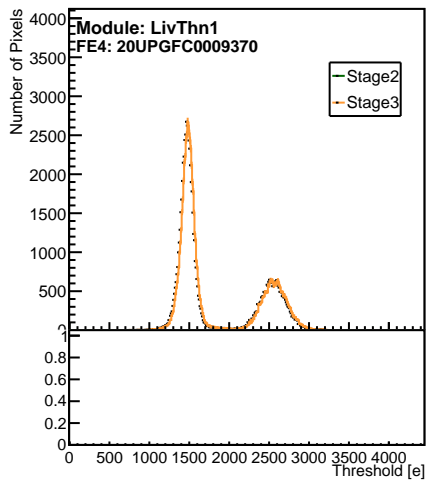
[std FE] ThresholdDist-0 (Stage3)



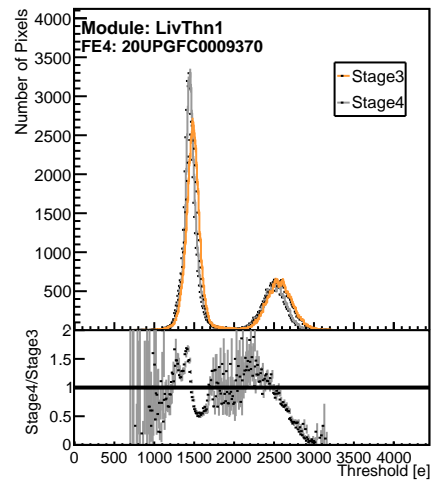
[std FE] ThresholdDist-0 (Comparison)



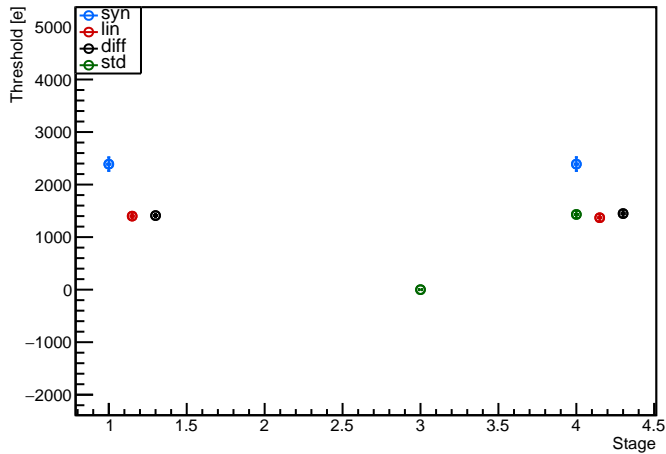
[std FE] ThresholdDist-0 (Comparison)



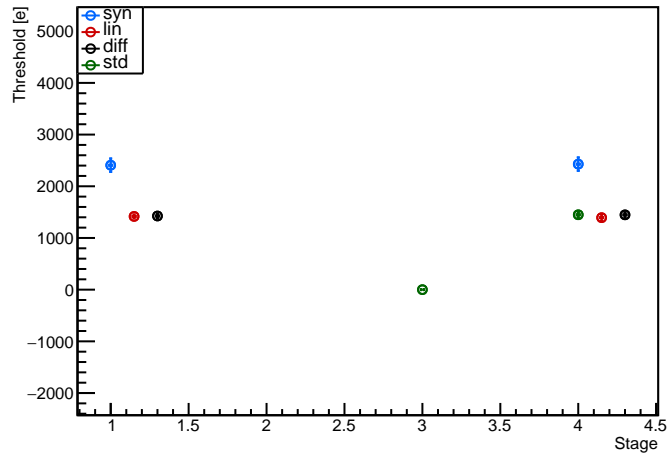
[std FE] ThresholdDist-0 (Comparison)



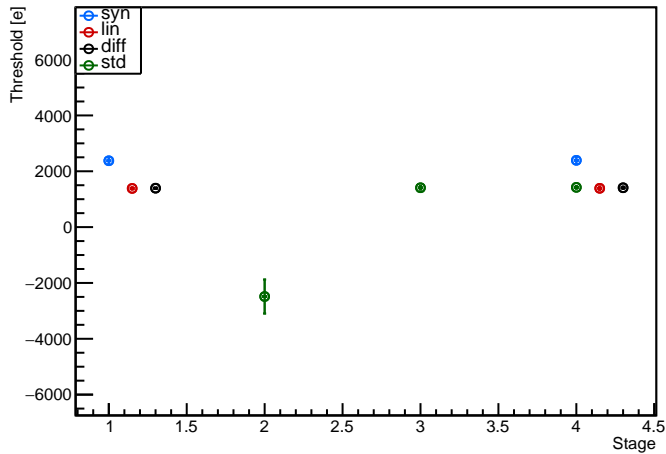
Module: LivThn1, 20UPGFC0009274 (FE1)  
ThresholdDist Evolution plot



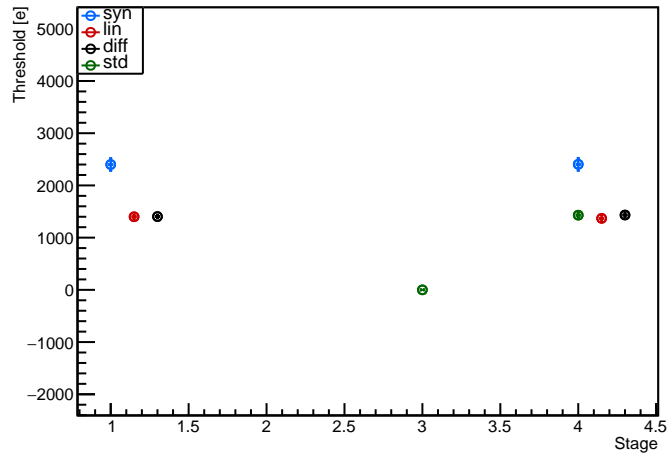
Module: LivThn1, 20UPGFC0009370 (FE4)  
ThresholdDist Evolution plot

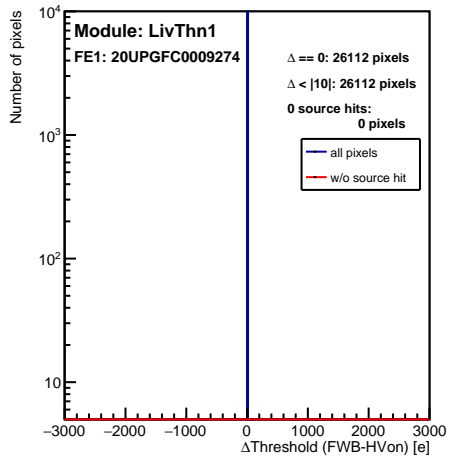
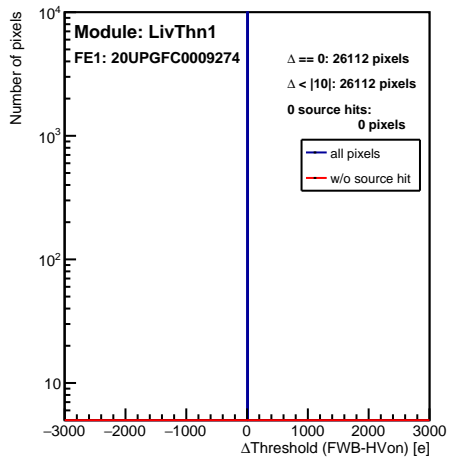


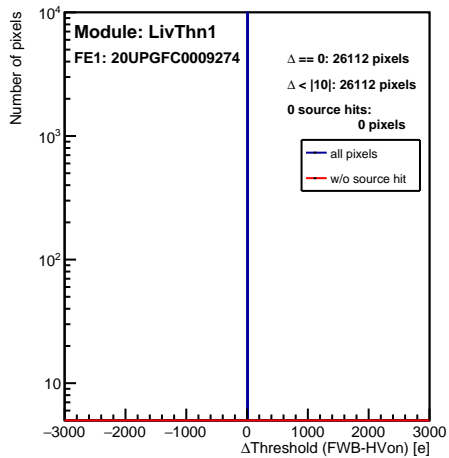
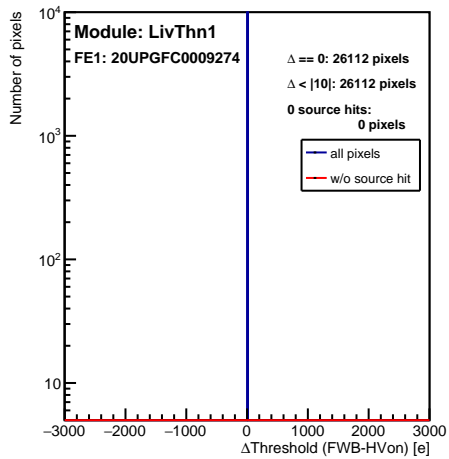
Module: LivThn1, 20UPGFC0009306 (FE2)  
ThresholdDist Evolution plot

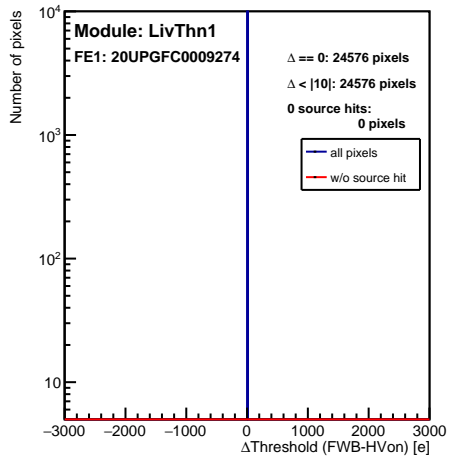
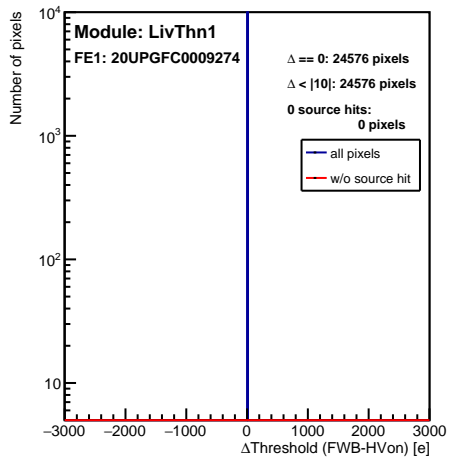


Module: LivThn1, 20UPGFC0009322 (FE3)  
ThresholdDist Evolution plot



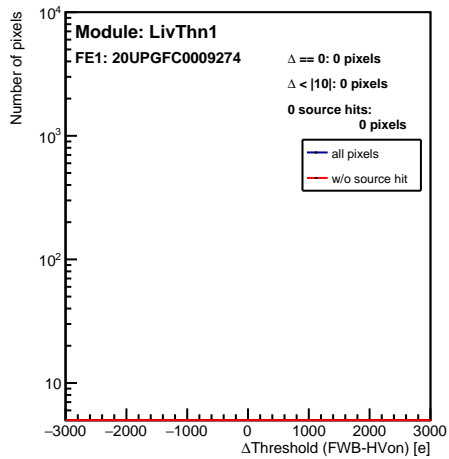




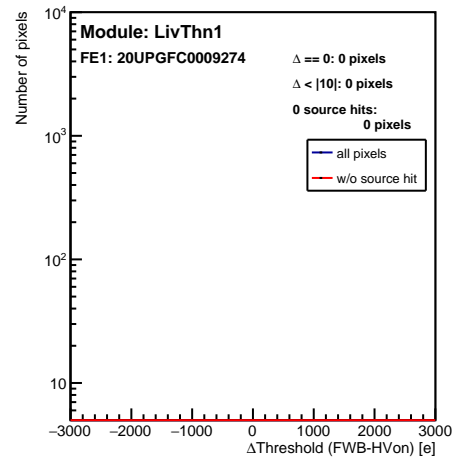


# ThresholdMap - std

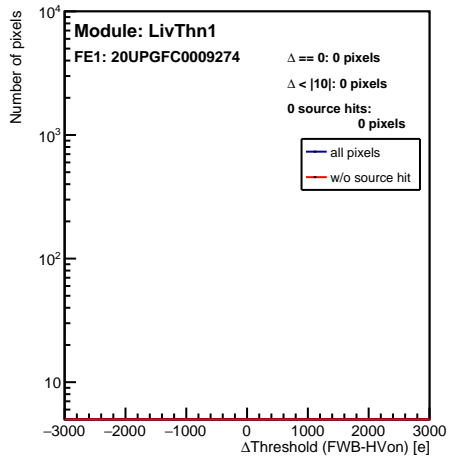
[std FE]  $\Delta$ ThresholdMap-0 (Stage2)

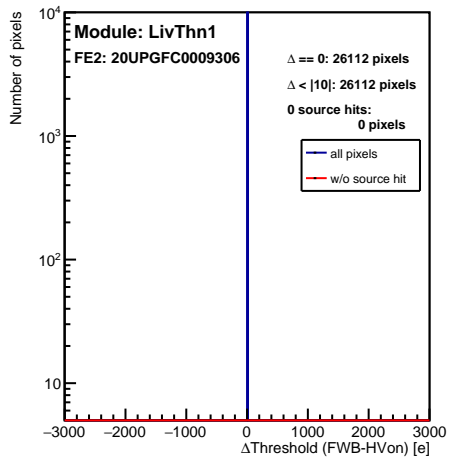
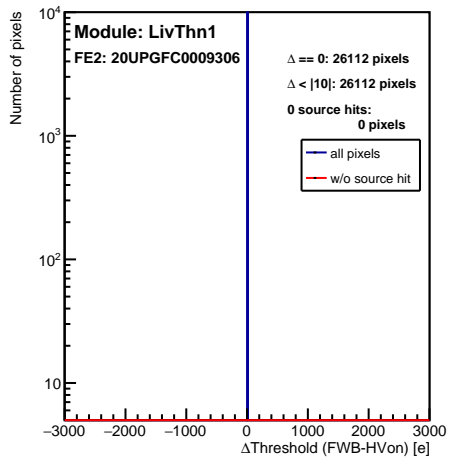


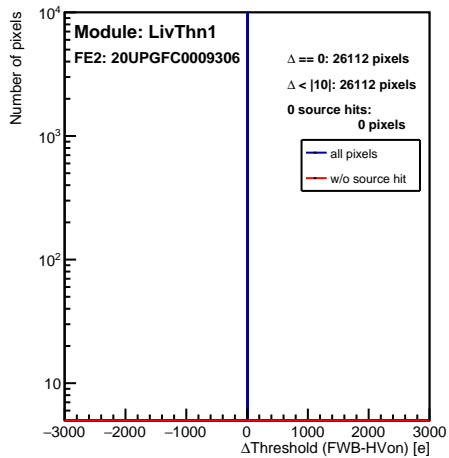
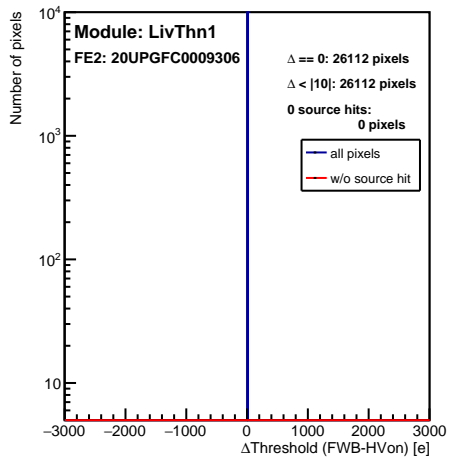
[std FE]  $\Delta$ ThresholdMap-0 (Stage3)

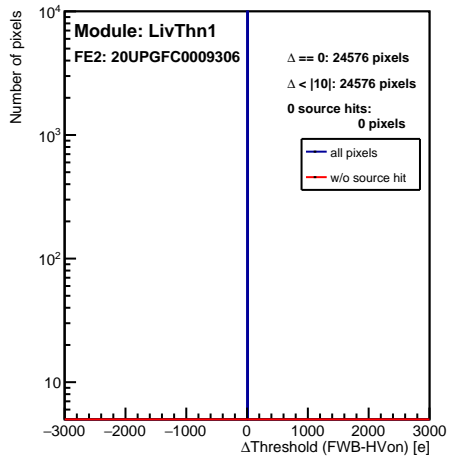
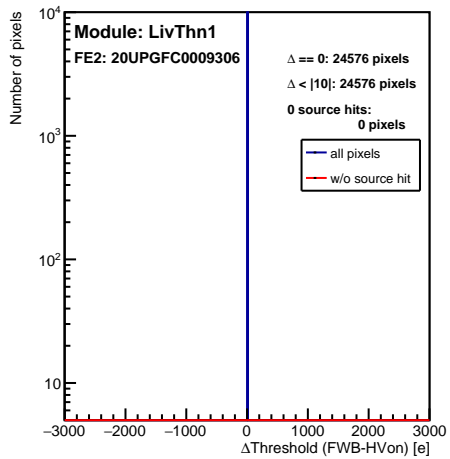


[std FE]  $\Delta$ ThresholdMap-0 (Stage4)



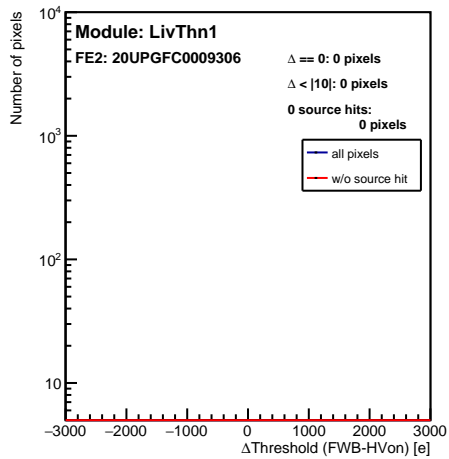




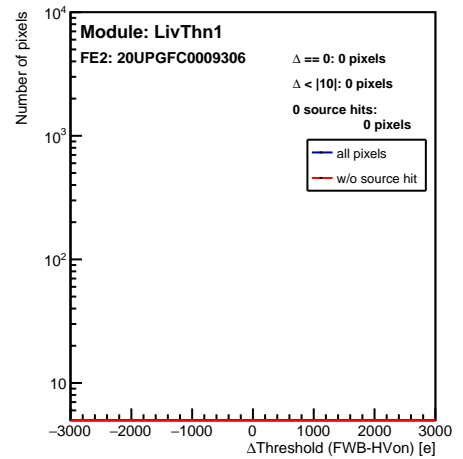


# ThresholdMap - std

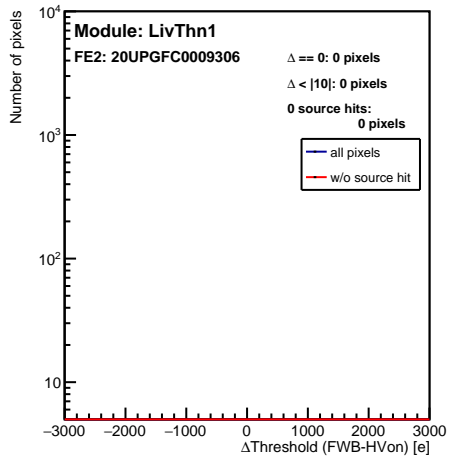
[std FE]  $\Delta$ ThresholdMap-0 (Stage2)

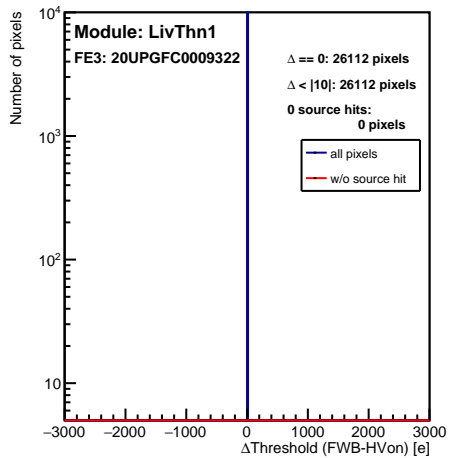
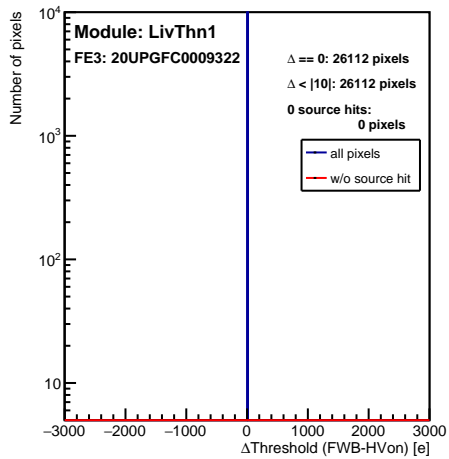


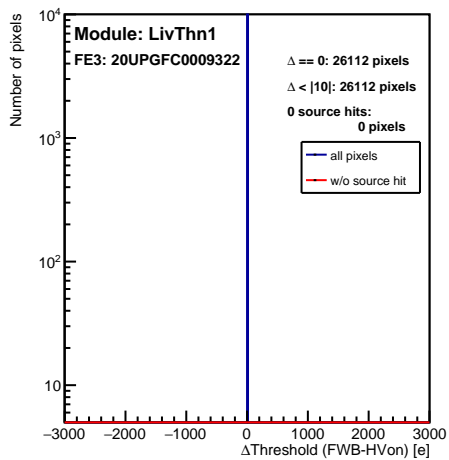
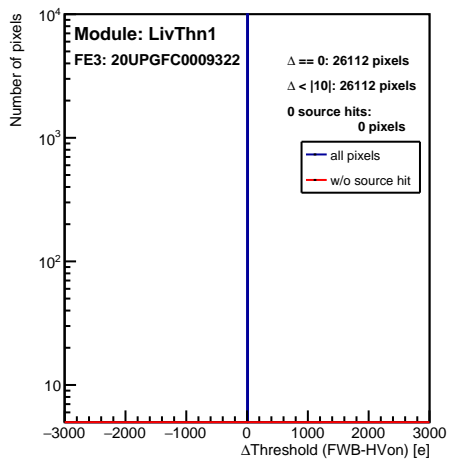
[std FE]  $\Delta$ ThresholdMap-0 (Stage3)

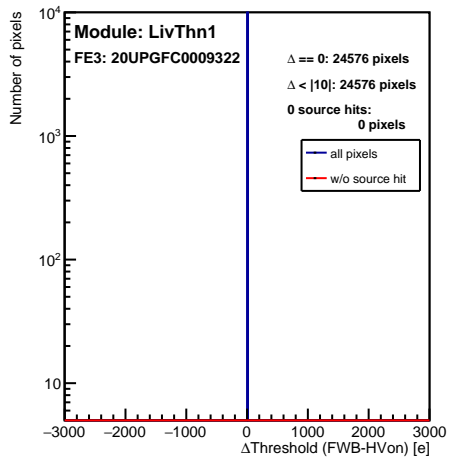
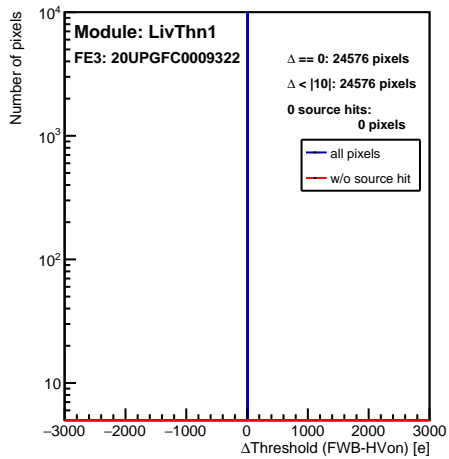


[std FE]  $\Delta$ ThresholdMap-0 (Stage4)



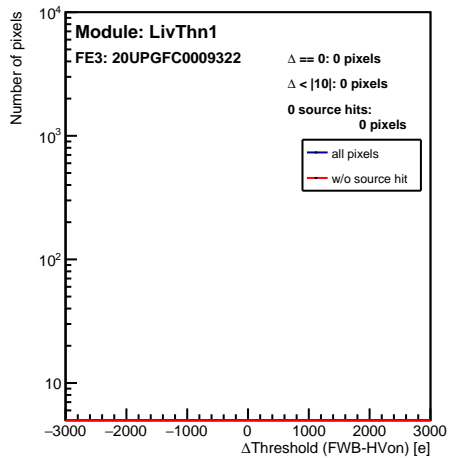




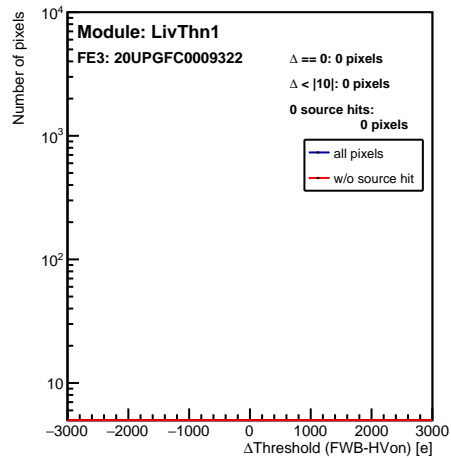


# ThresholdMap - std

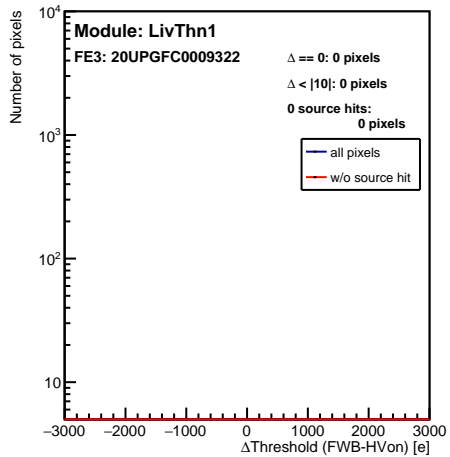
[std FE]  $\Delta$ ThresholdMap-0 (Stage2)

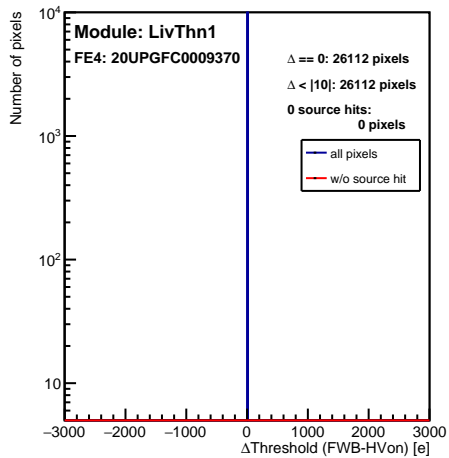
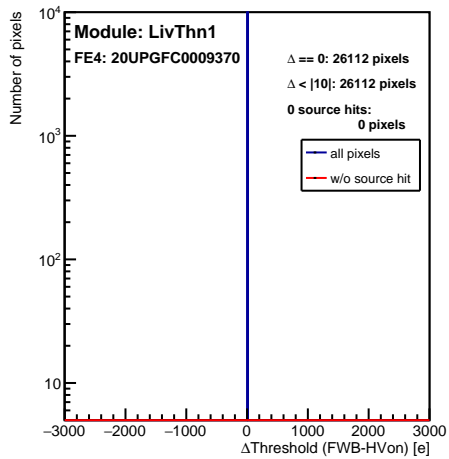


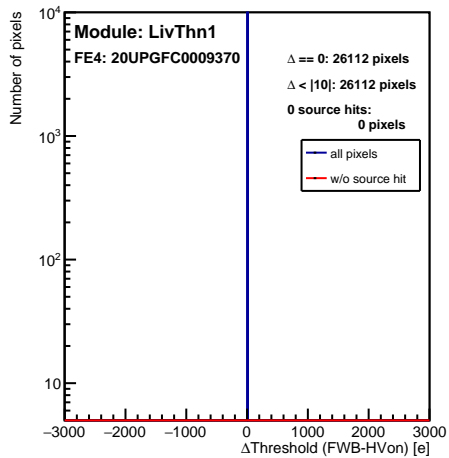
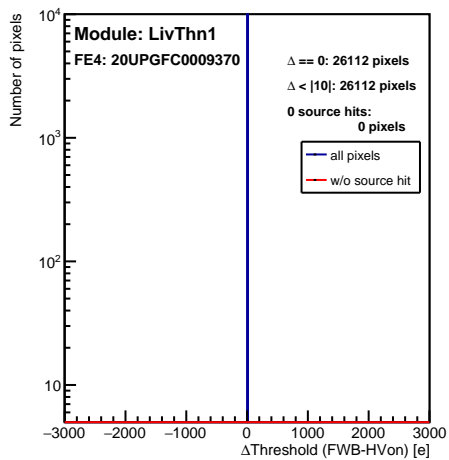
[std FE]  $\Delta$ ThresholdMap-0 (Stage3)

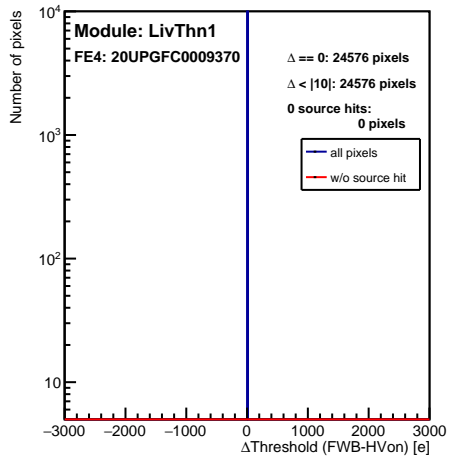
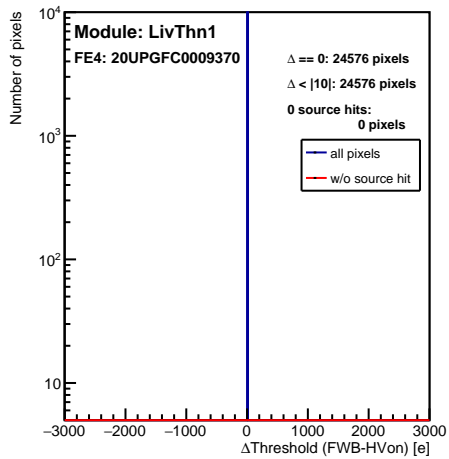


[std FE]  $\Delta$ ThresholdMap-0 (Stage4)



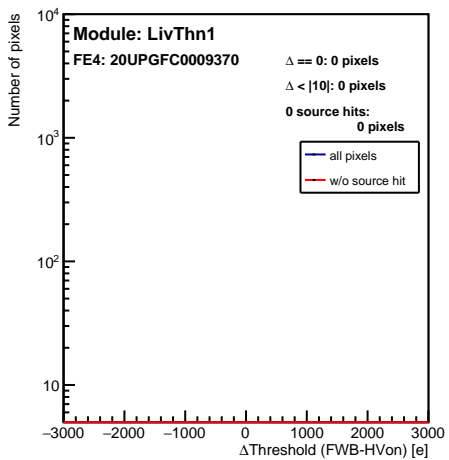




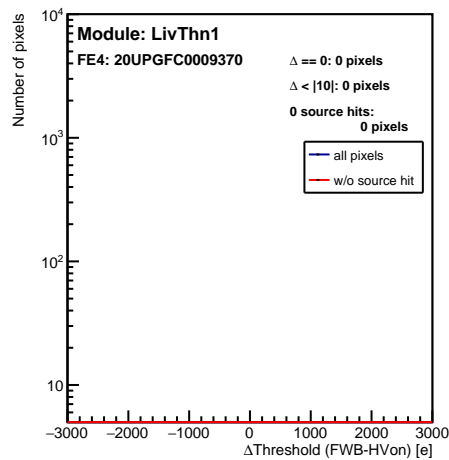


# ThresholdMap - std

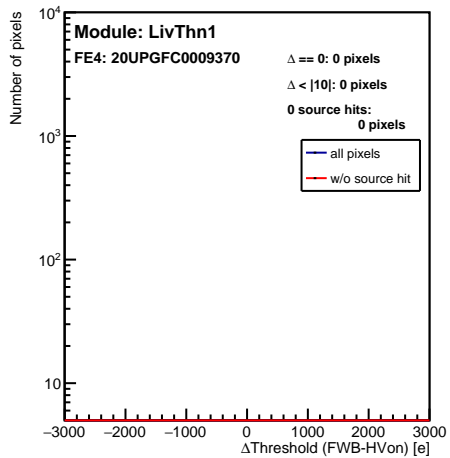
[std FE]  $\Delta$ ThresholdMap-0 (Stage2)

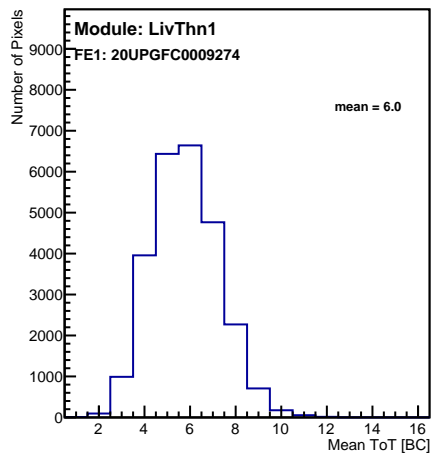
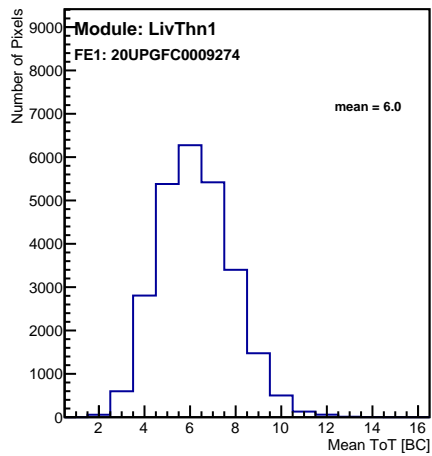


[std FE]  $\Delta$ ThresholdMap-0 (Stage3)

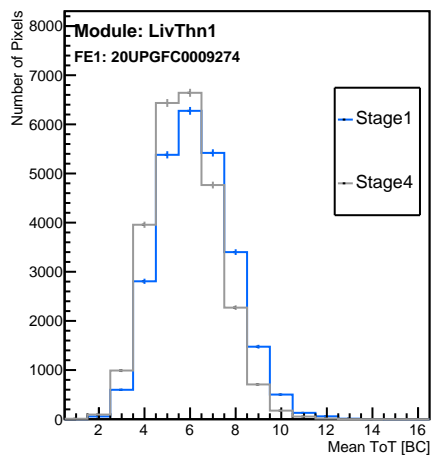


[std FE]  $\Delta$ ThresholdMap-0 (Stage4)

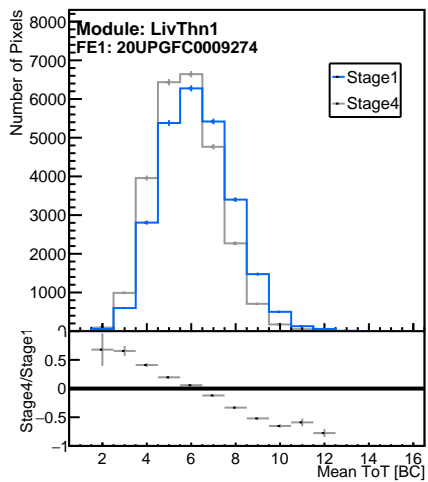


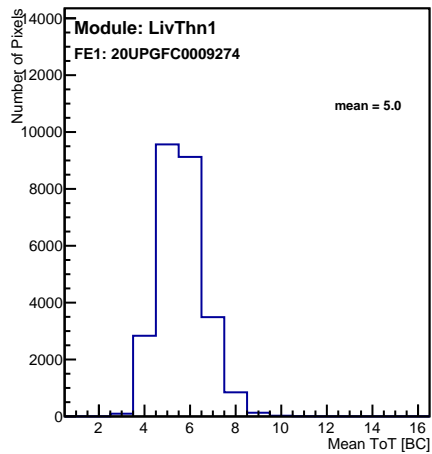
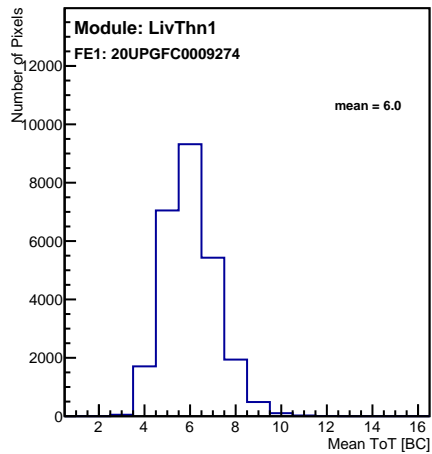


[diff FE] MeanTotDist-0 (Comparison)

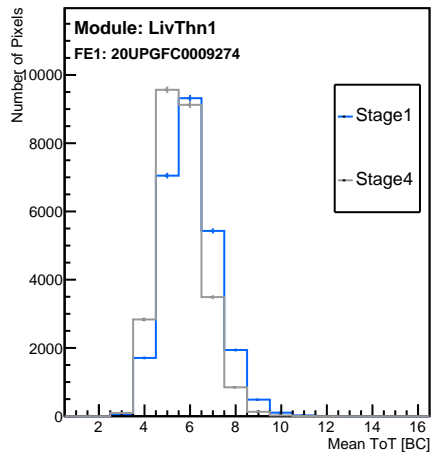


[diff FE] MeanTotDist-0 (Comparison)

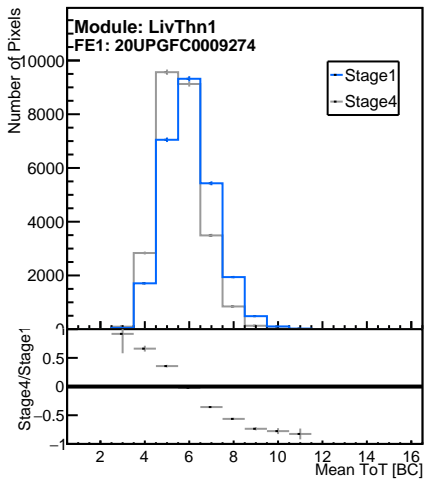


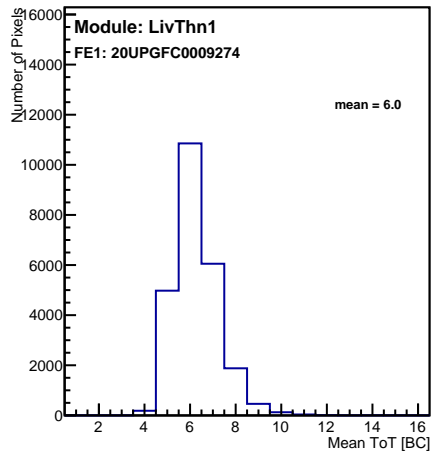
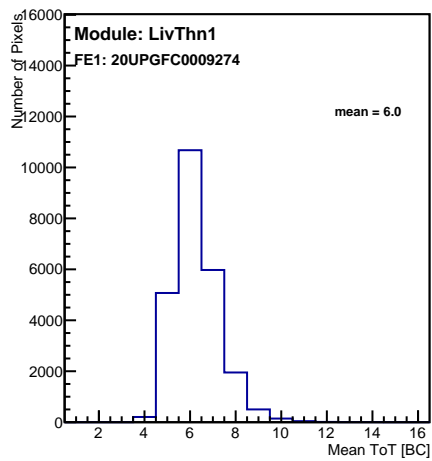


[lin FE] MeanTotDist-0 (Comparison)

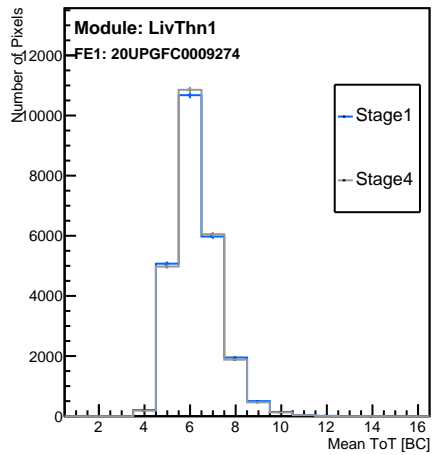


[lin FE] MeanTotDist-0 (Comparison)

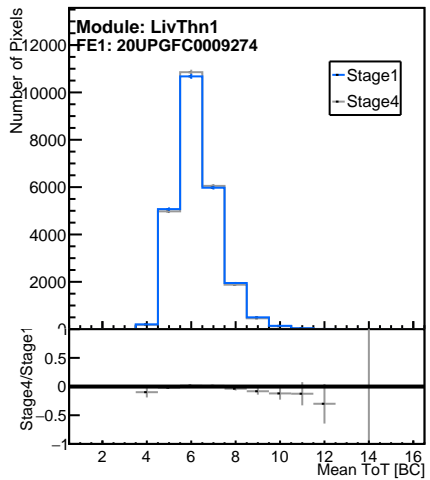




[syn FE] MeanTotDist-0 (Comparison)

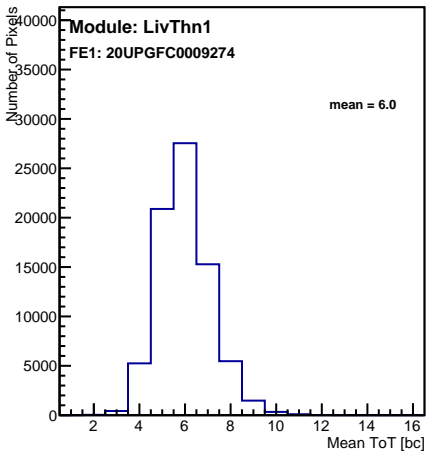


[syn FE] MeanTotDist-0 (Comparison)

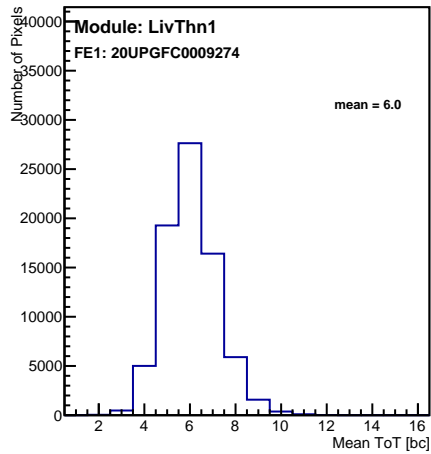


# MeanTotDist - std

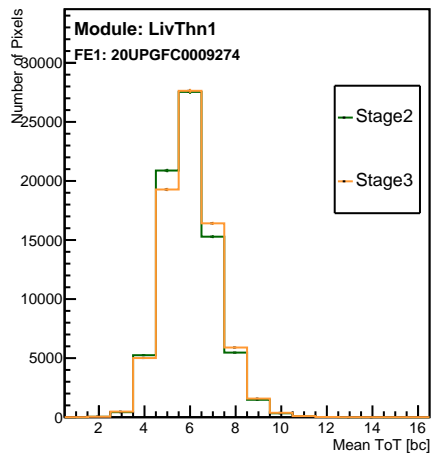
[std FE] MeanTotDist-0 (Stage2)



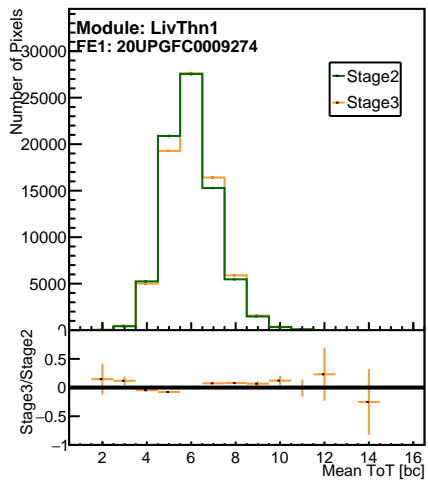
[std FE] MeanTotDist-0 (Stage3)



[std FE] MeanTotDist-0 (Comparison)

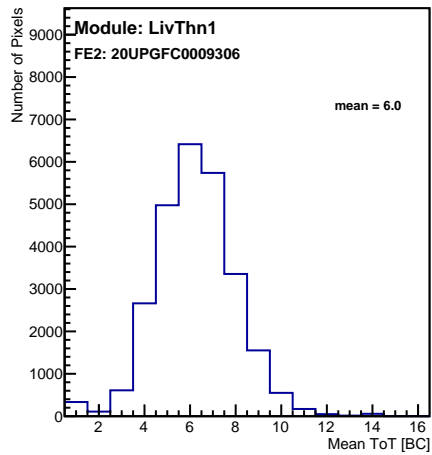


[std FE] MeanTotDist-0 (Comparison)

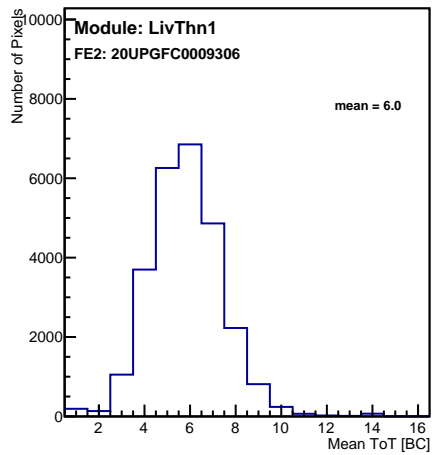


[diff FE] MeanTotDist-0 (Stage1)

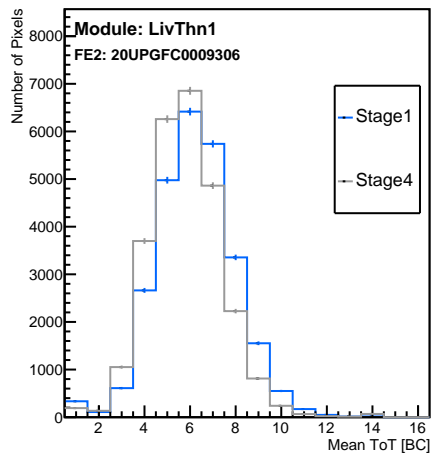
MeanTotDist - diff



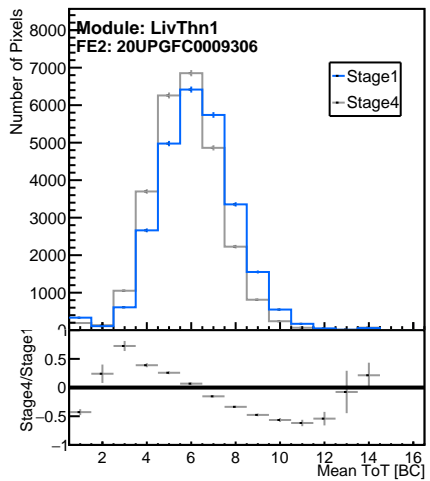
[diff FE] MeanTotDist-0 (Stage4)

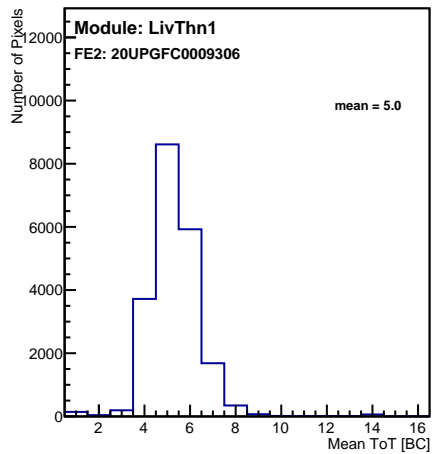
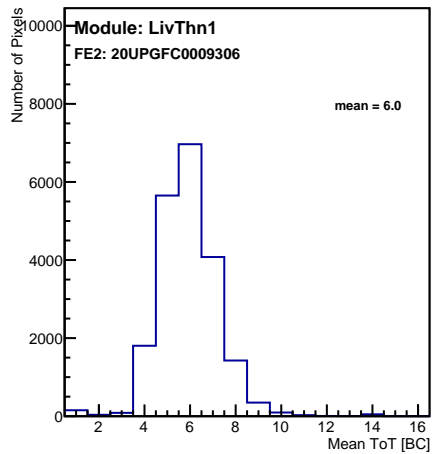


[diff FE] MeanTotDist-0 (Comparison)

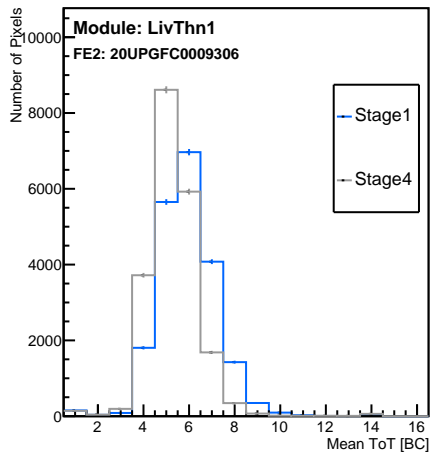


[diff FE] MeanTotDist-0 (Comparison)

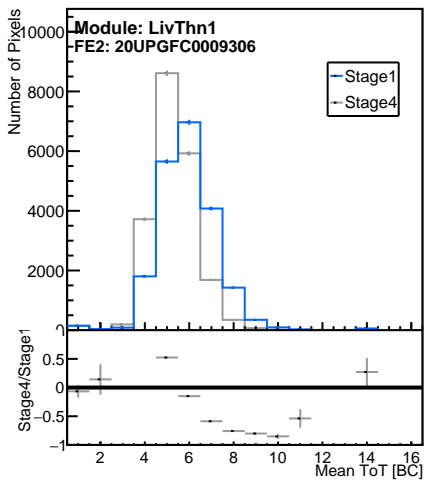


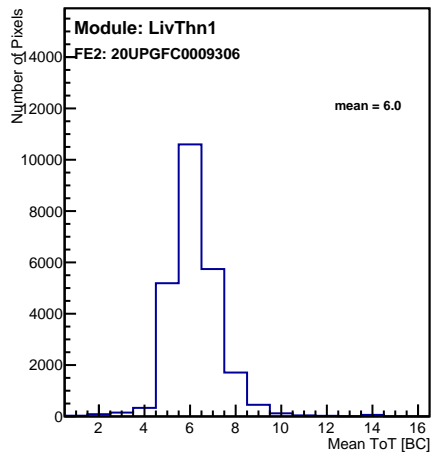
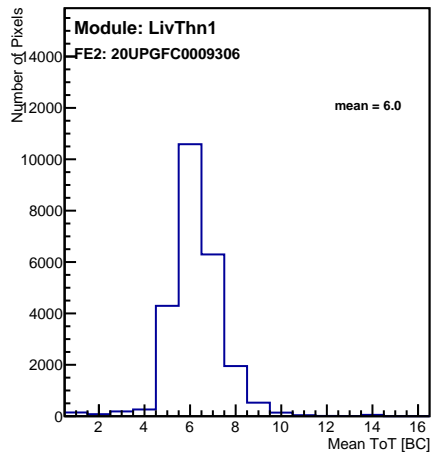


[lin FE] MeanTotDist-0 (Comparison)

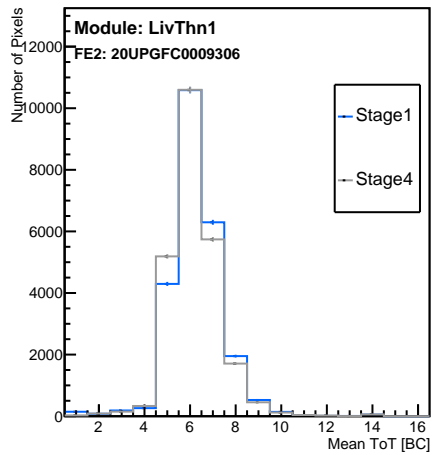


[lin FE] MeanTotDist-0 (Comparison)

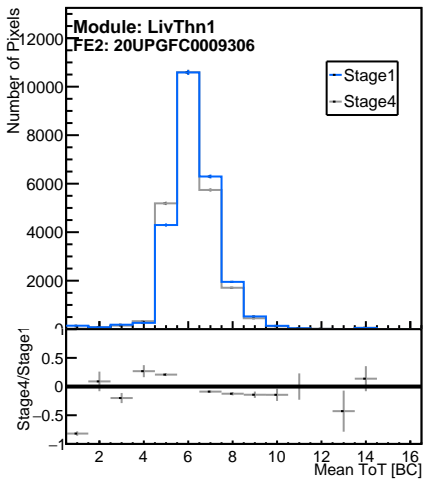




[syn FE] MeanTotDist-0 (Comparison)

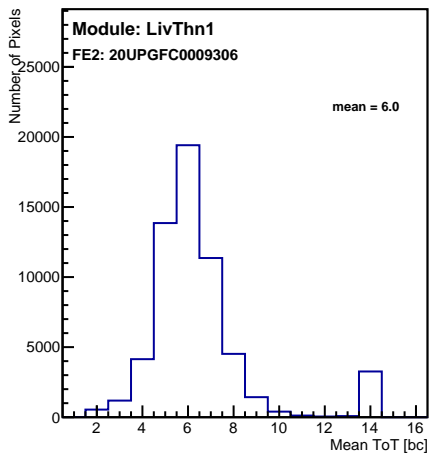


[syn FE] MeanTotDist-0 (Comparison)

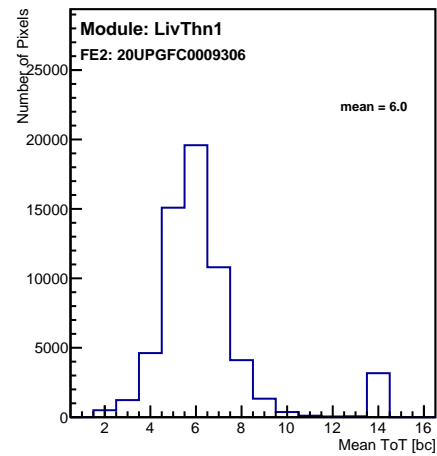


# MeanTotDist - std

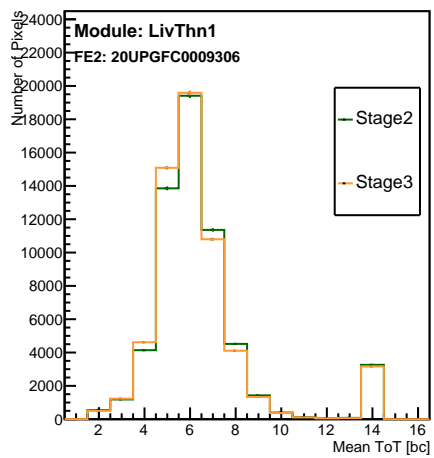
[std FE] MeanTotDist-0 (Stage2)



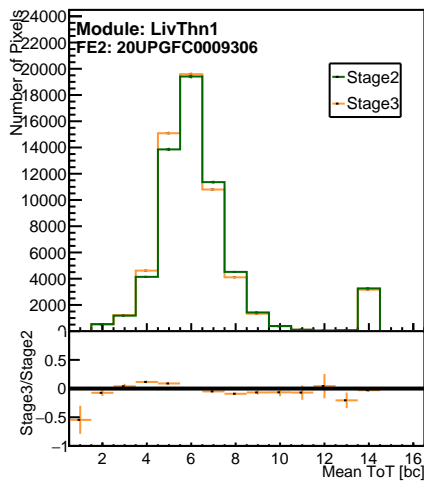
[std FE] MeanTotDist-0 (Stage3)



[std FE] MeanTotDist-0 (Comparison)

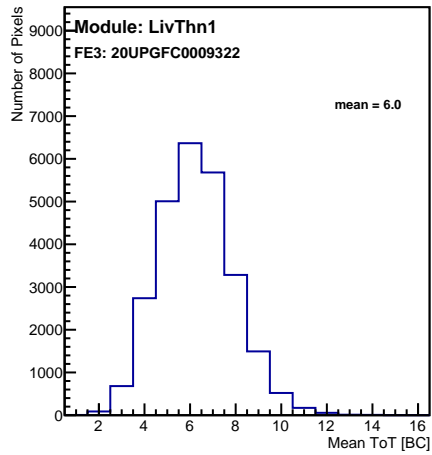


[std FE] MeanTotDist-0 (Comparison)

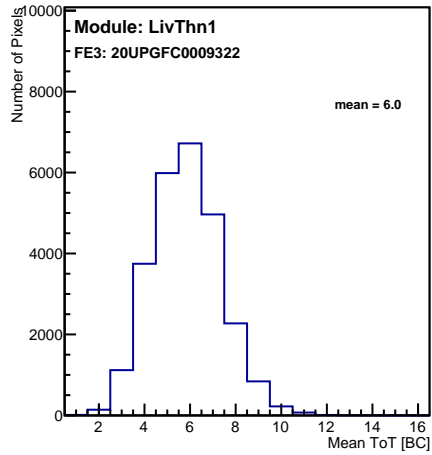


[diff FE] MeanTotDist-0 (Stage1)

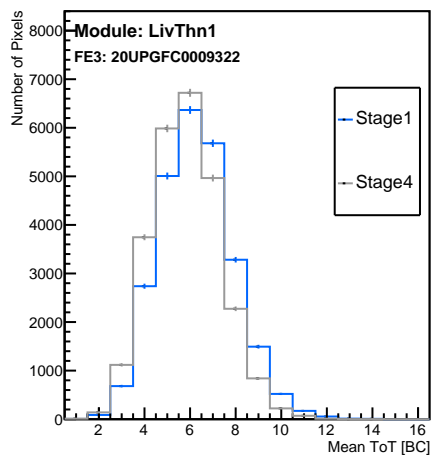
MeanTotDist - diff



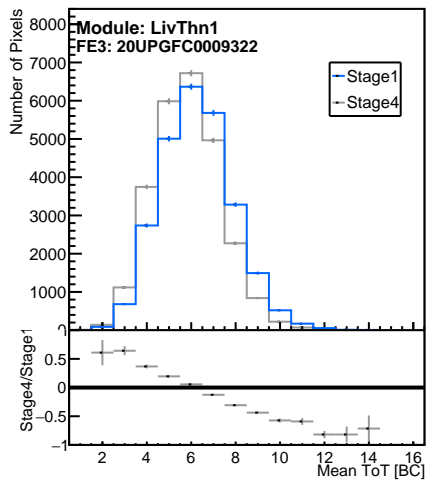
[diff FE] MeanTotDist-0 (Stage4)

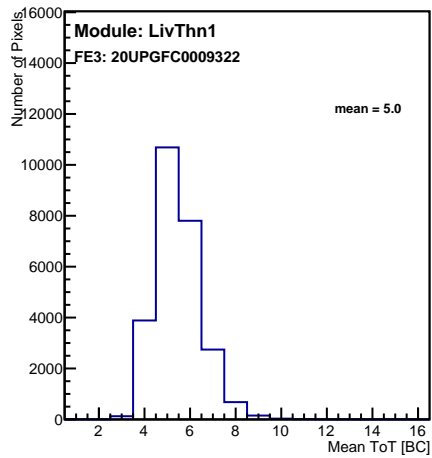
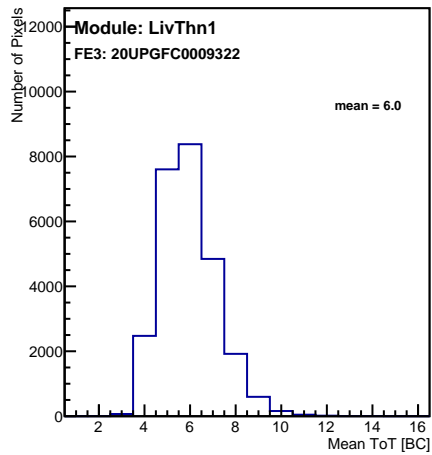


[diff FE] MeanTotDist-0 (Comparison)

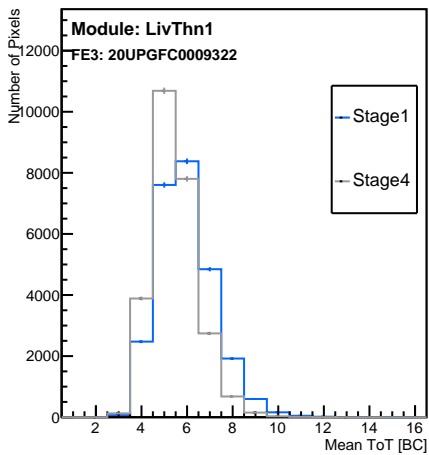


[diff FE] MeanTotDist-0 (Comparison)

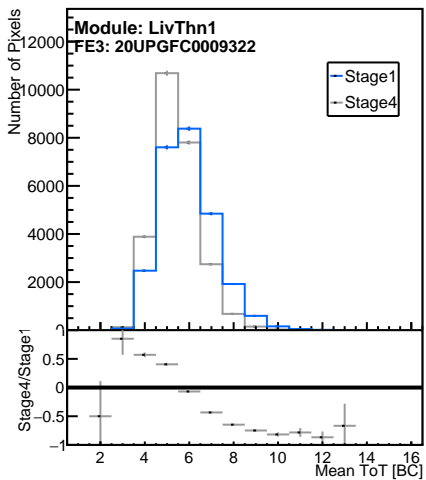


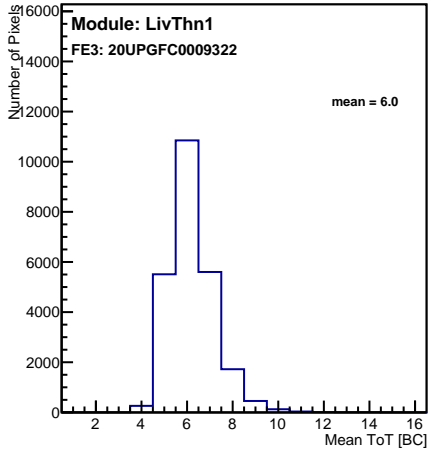
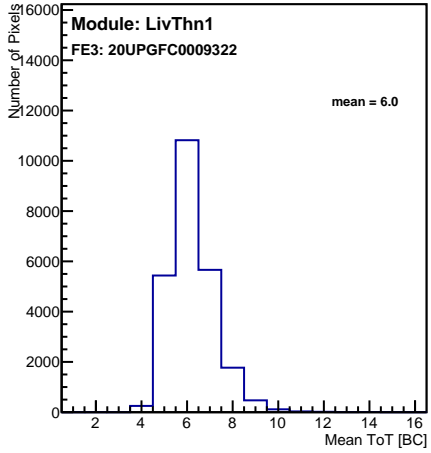


[lin FE] MeanTotDist-0 (Comparison)

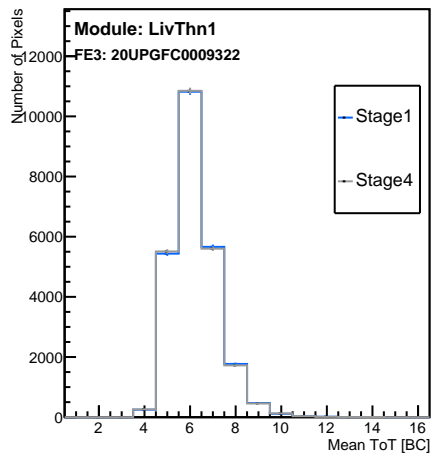


[lin FE] MeanTotDist-0 (Comparison)

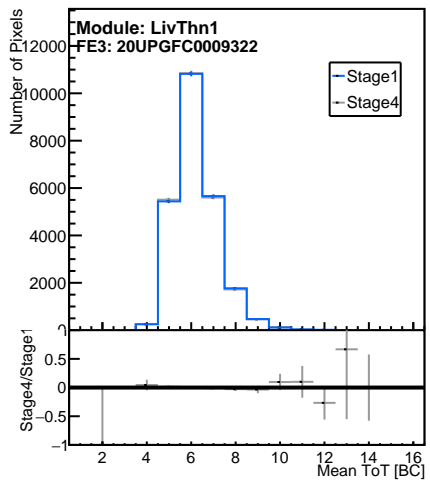




[syn FE] MeanTotDist-0 (Comparison)

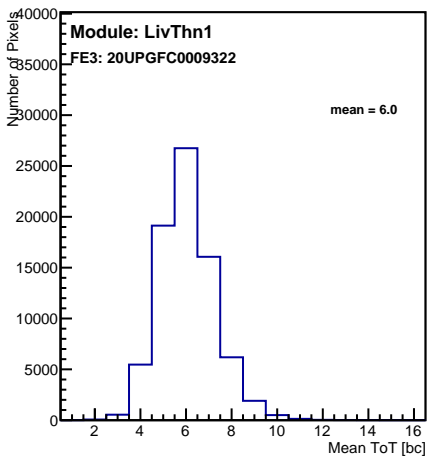


[syn FE] MeanTotDist-0 (Comparison)

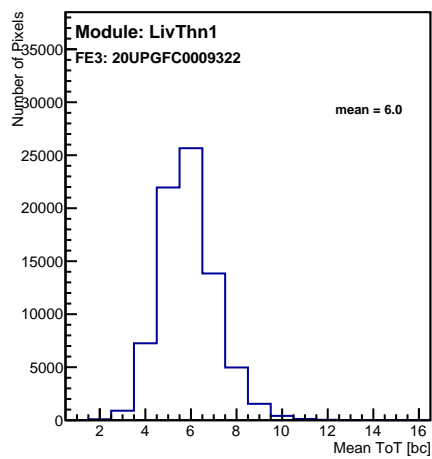


# MeanTotDist - std

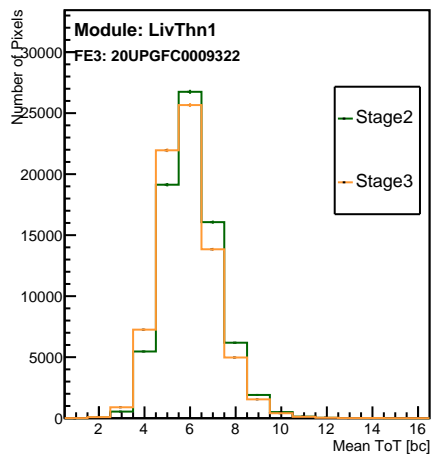
[std FE] MeanTotDist-0 (Stage2)



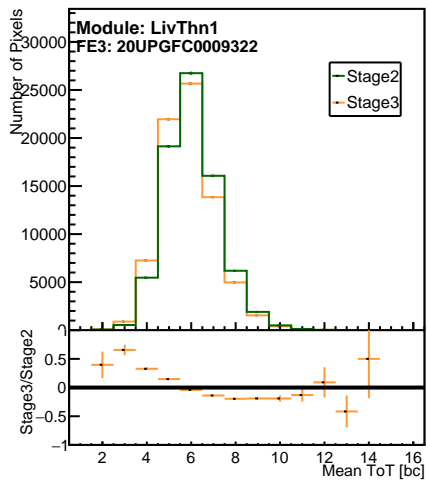
[std FE] MeanTotDist-0 (Stage3)



[std FE] MeanTotDist-0 (Comparison)

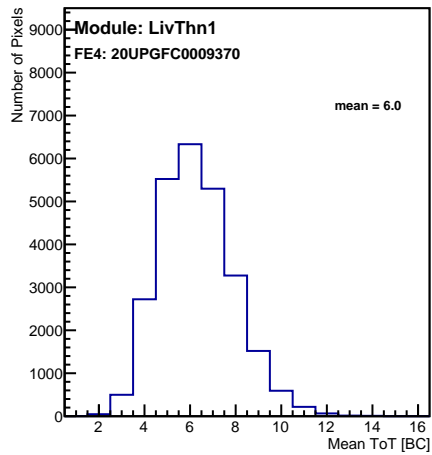


[std FE] MeanTotDist-0 (Comparison)

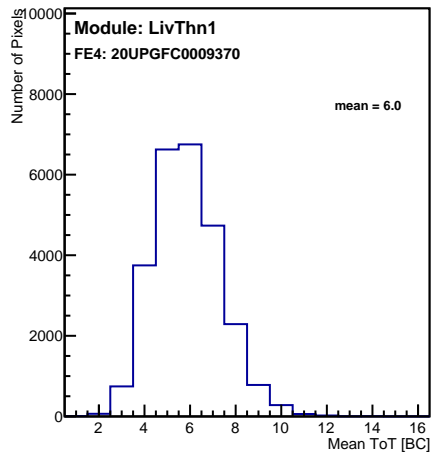


[diff FE] MeanTotDist-0 (Stage1)

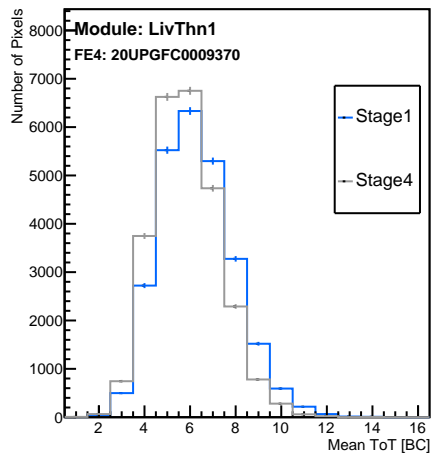
# MeanTotDist - diff



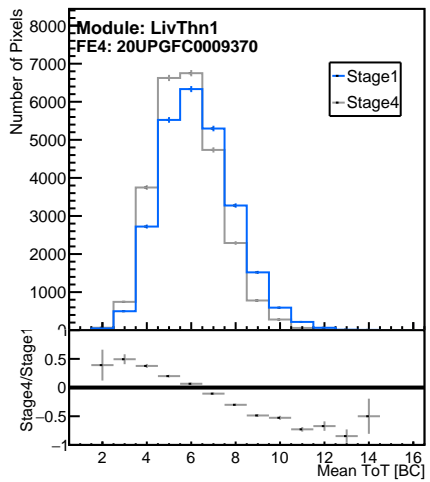
[diff FE] MeanTotDist-0 (Stage4)

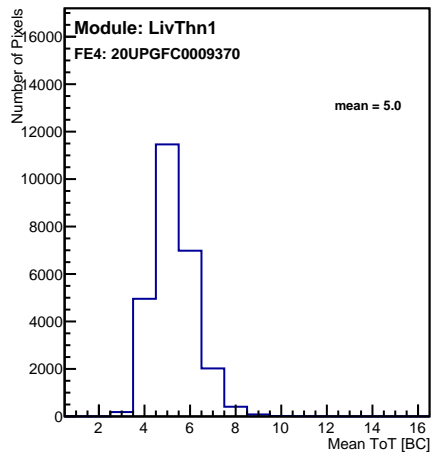
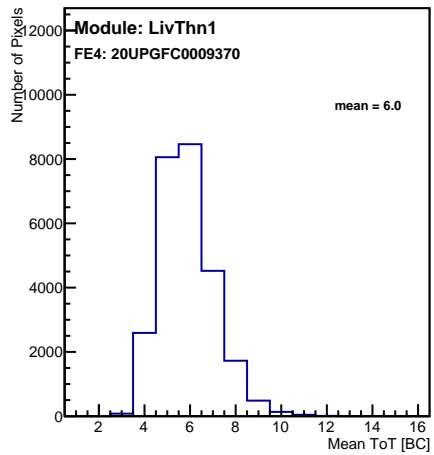


[diff FE] MeanTotDist-0 (Comparison)

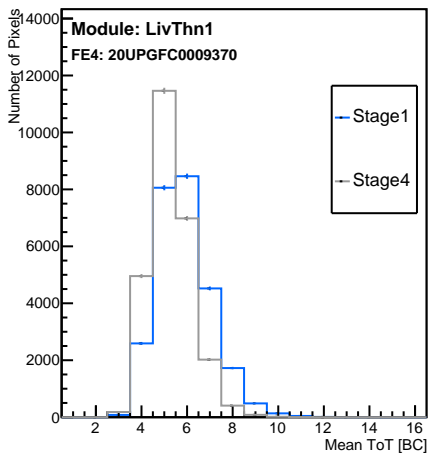


[diff FE] MeanTotDist-0 (Comparison)

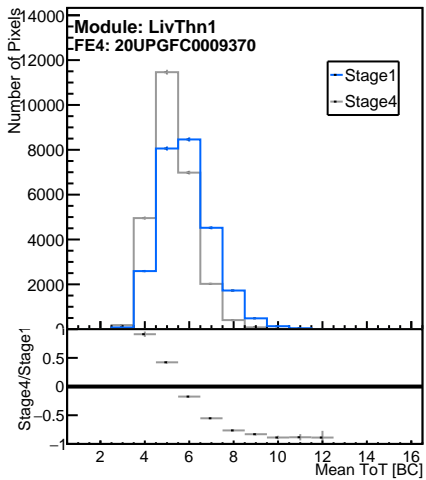


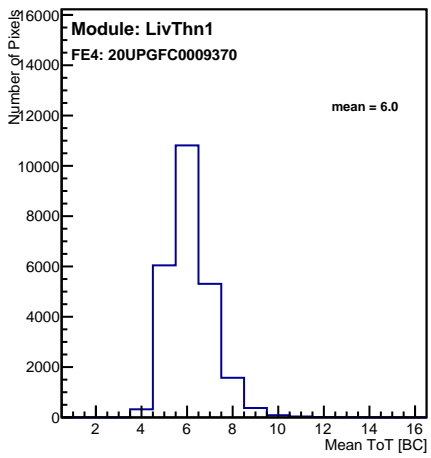
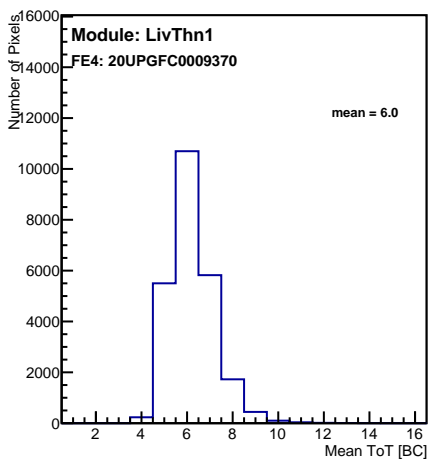


[lin FE] MeanTotDist-0 (Comparison)

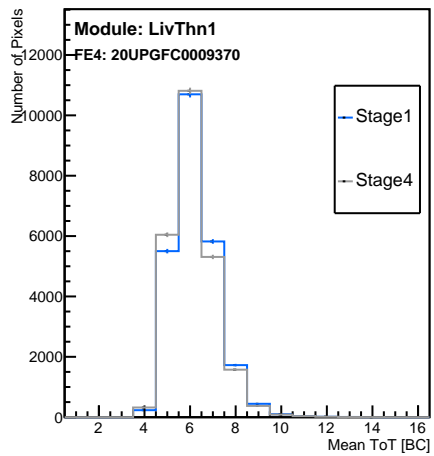


[lin FE] MeanTotDist-0 (Comparison)

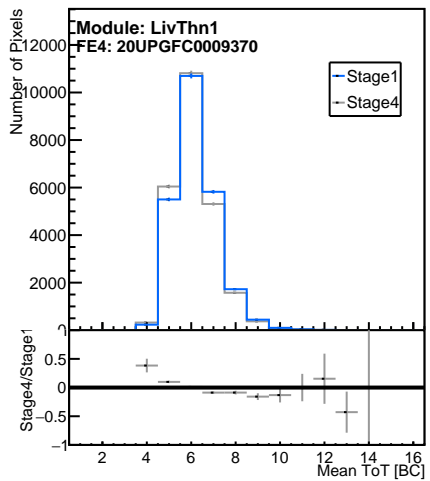




[syn FE] MeanTotDist-0 (Comparison)

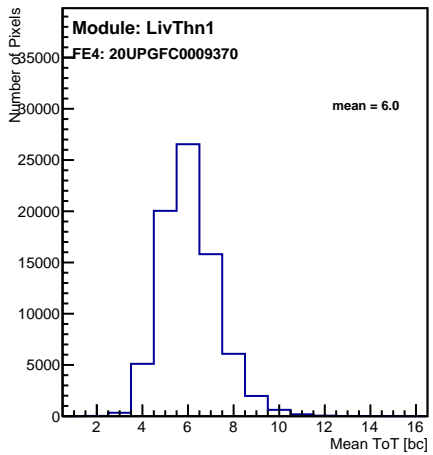


[syn FE] MeanTotDist-0 (Comparison)

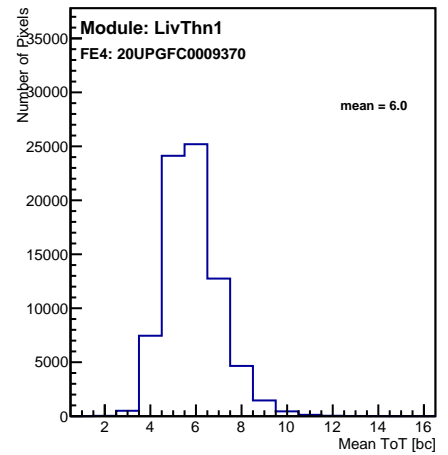


# MeanTotDist - std

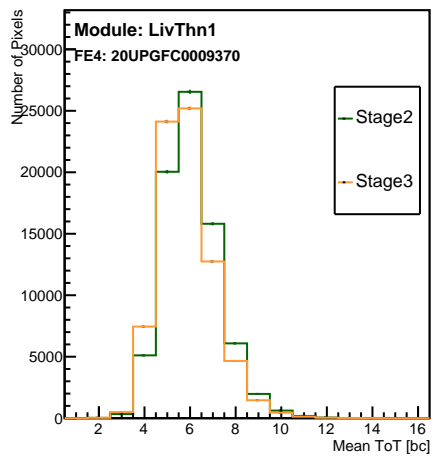
[std FE] MeanTotDist-0 (Stage2)



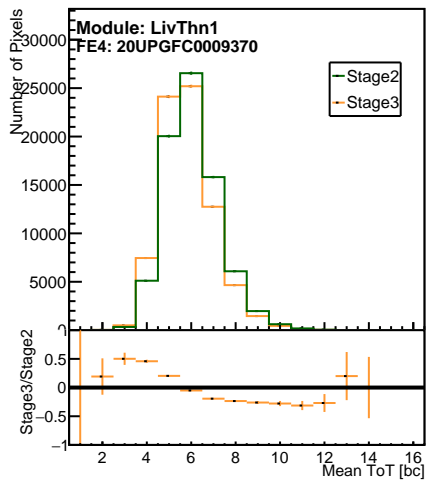
[std FE] MeanTotDist-0 (Stage3)



[std FE] MeanTotDist-0 (Comparison)

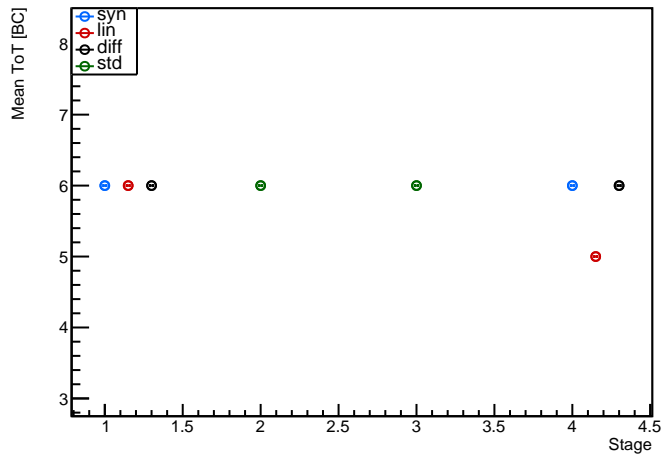


[std FE] MeanTotDist-0 (Comparison)



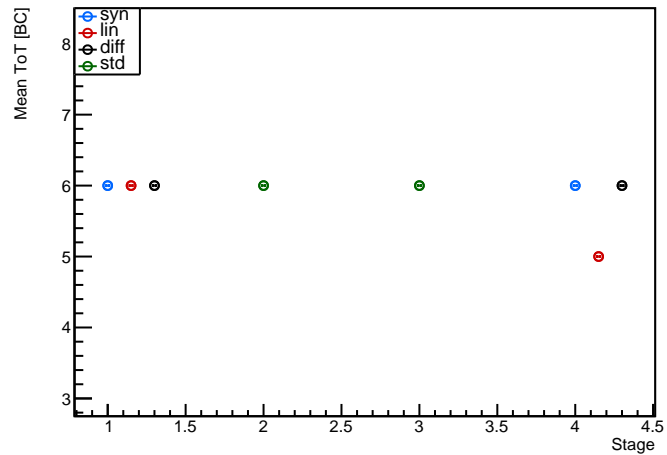
Module: LivThn1, 20UPGFC0009274 (FE1)

MeanTotDist Evolution plot



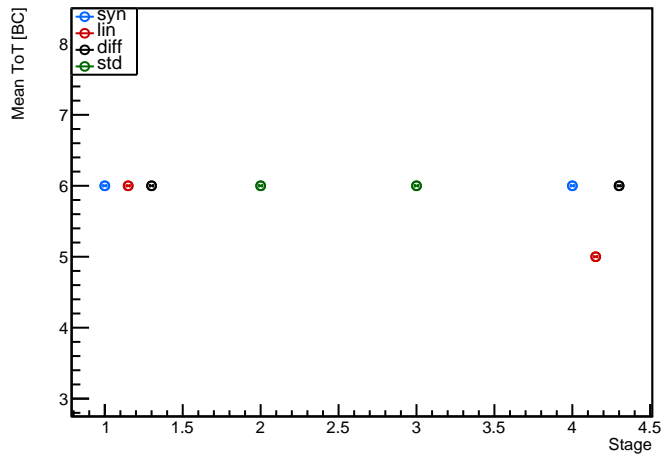
Module: LivThn1, 20UPGFC0009370 (FE4)

MeanTotDist Evolution plot



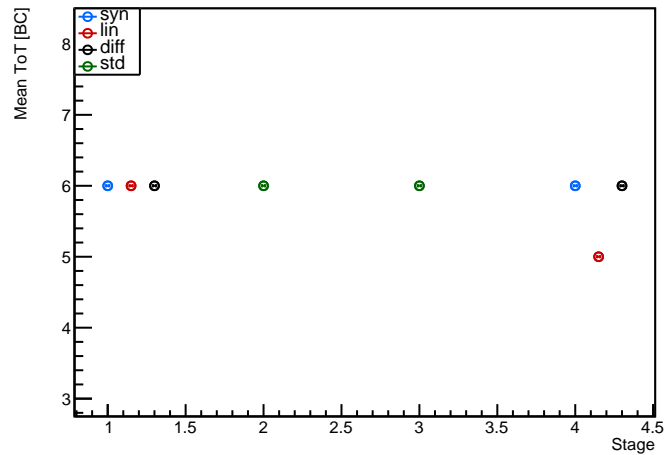
Module: LivThn1, 20UPGFC0009306 (FE2)

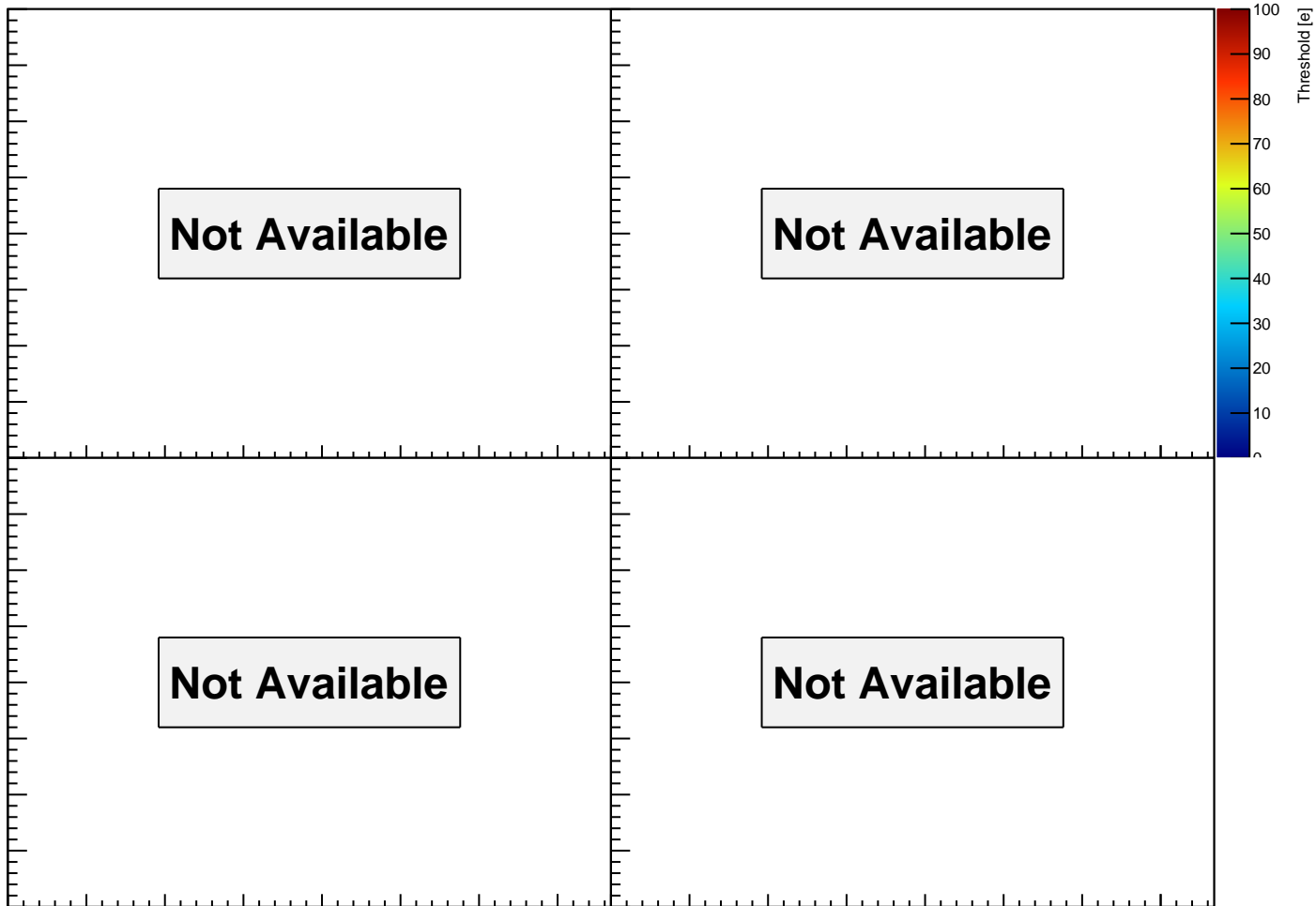
MeanTotDist Evolution plot

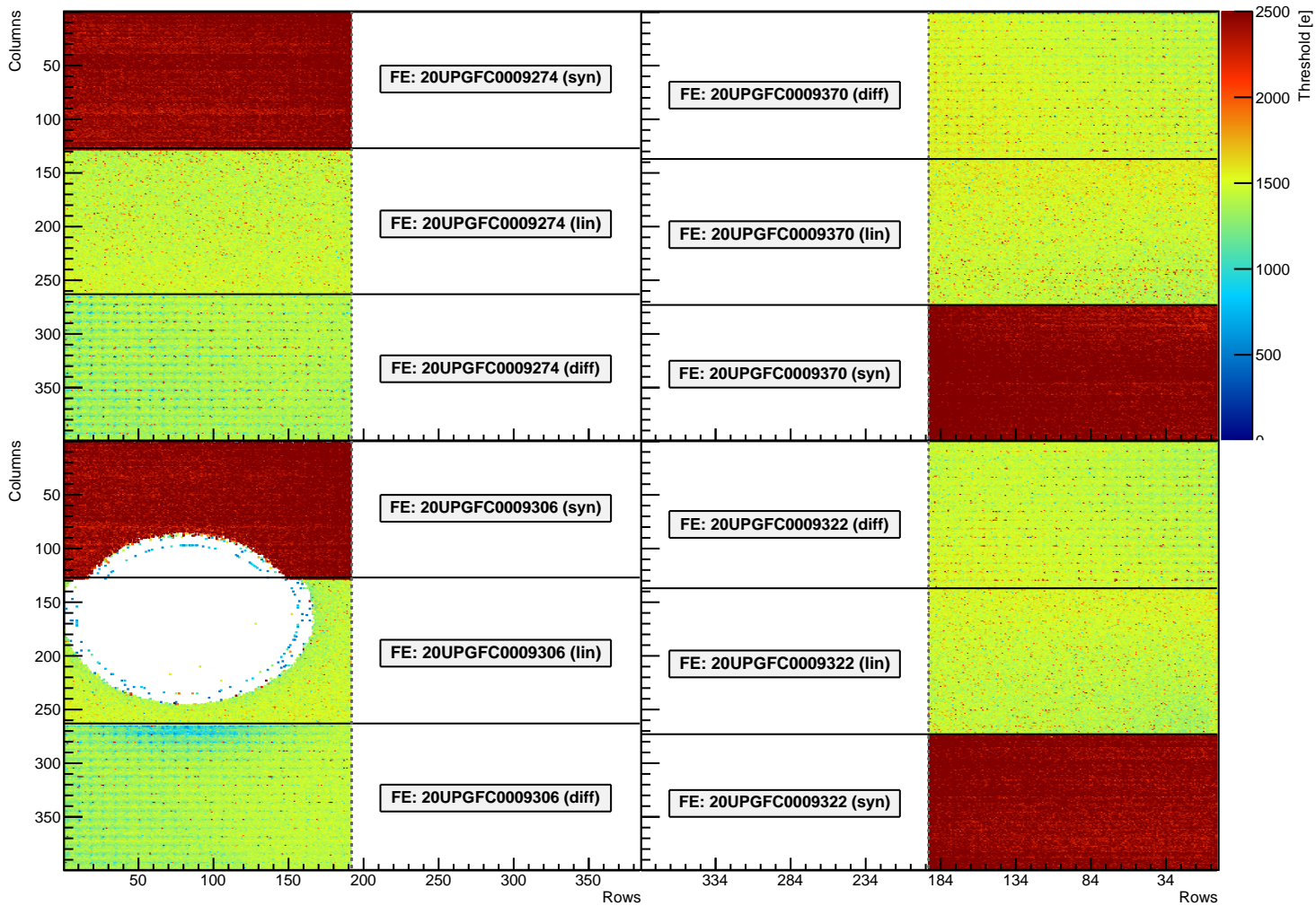


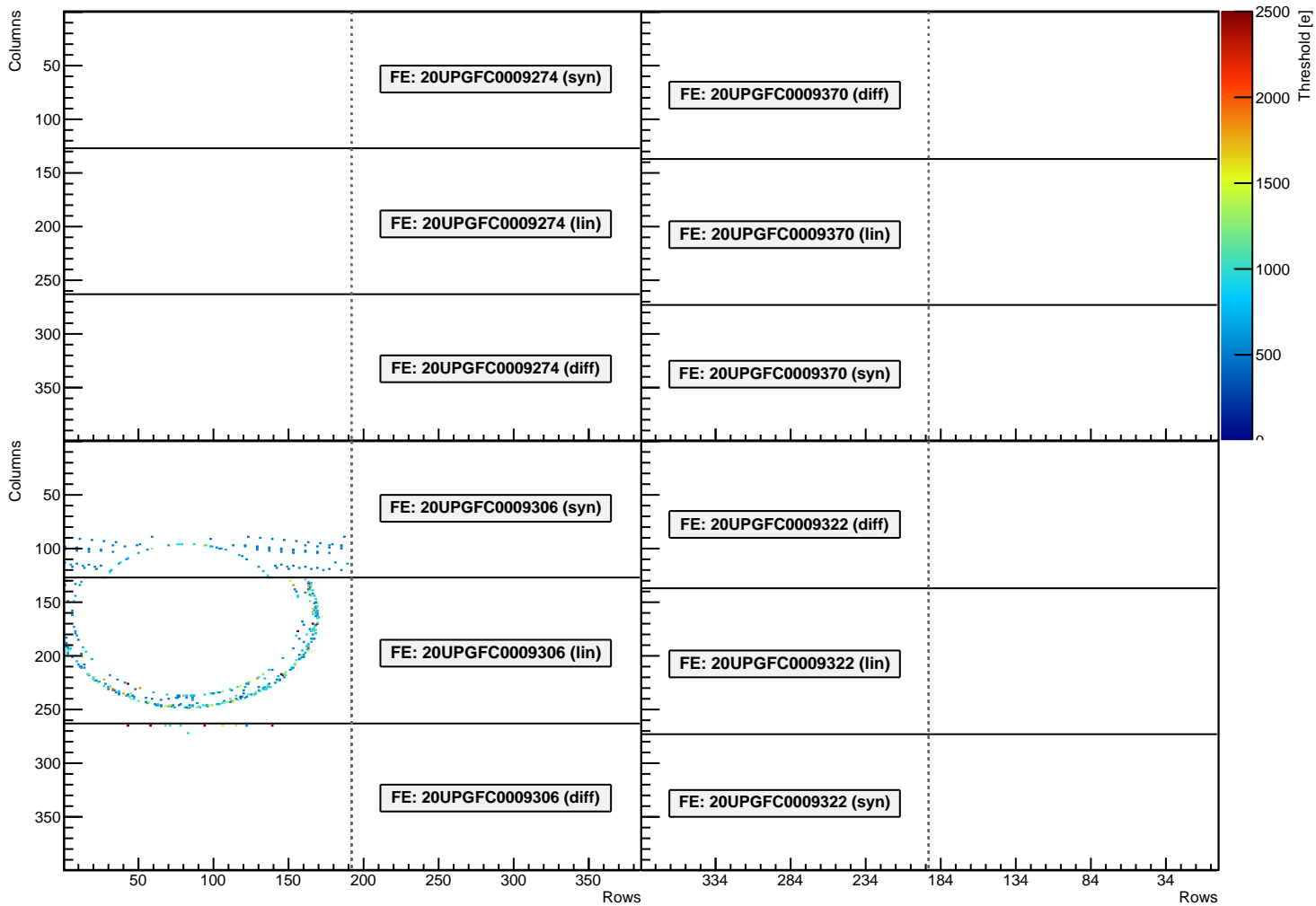
Module: LivThn1, 20UPGFC0009322 (FE3)

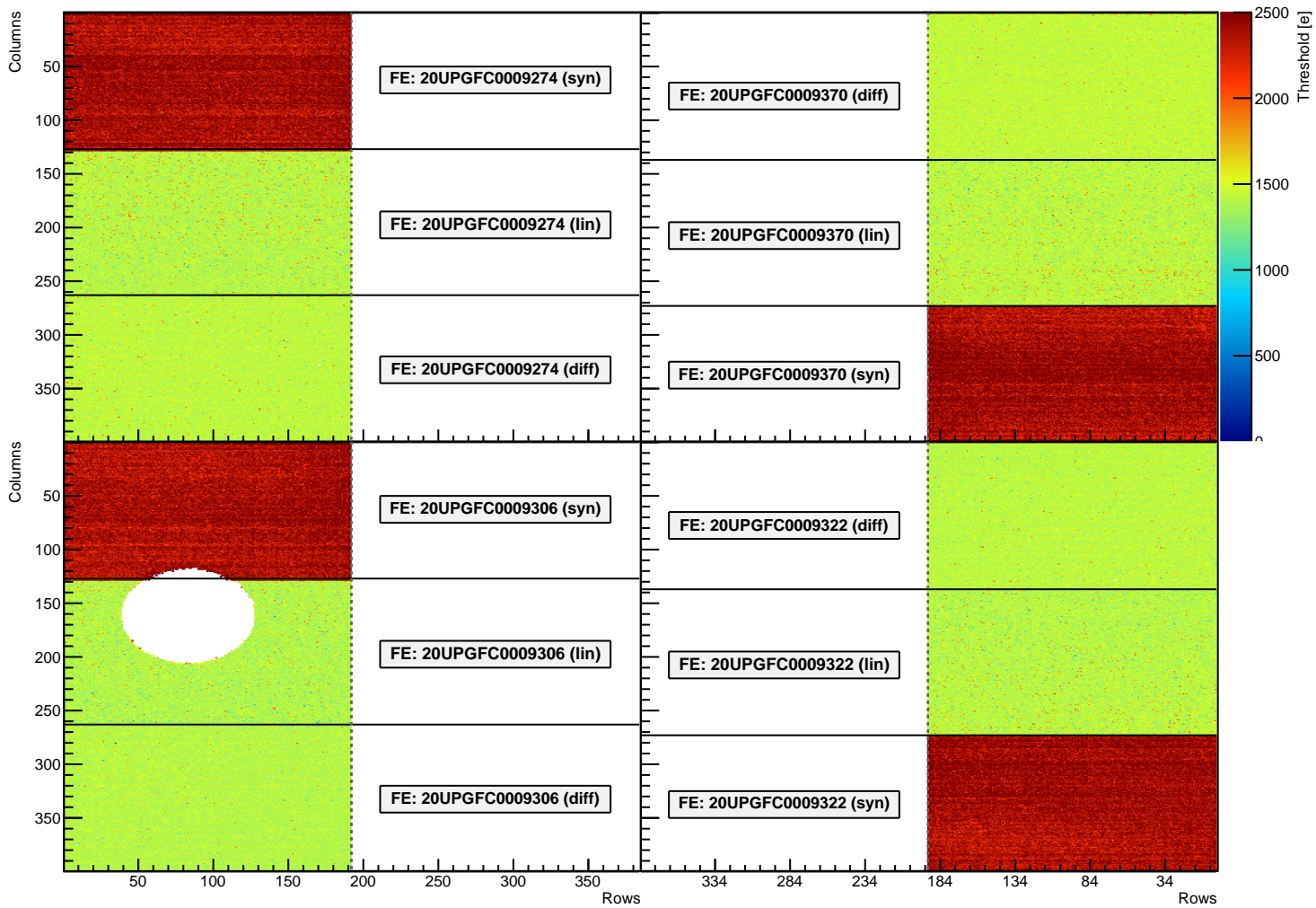
MeanTotDist Evolution plot

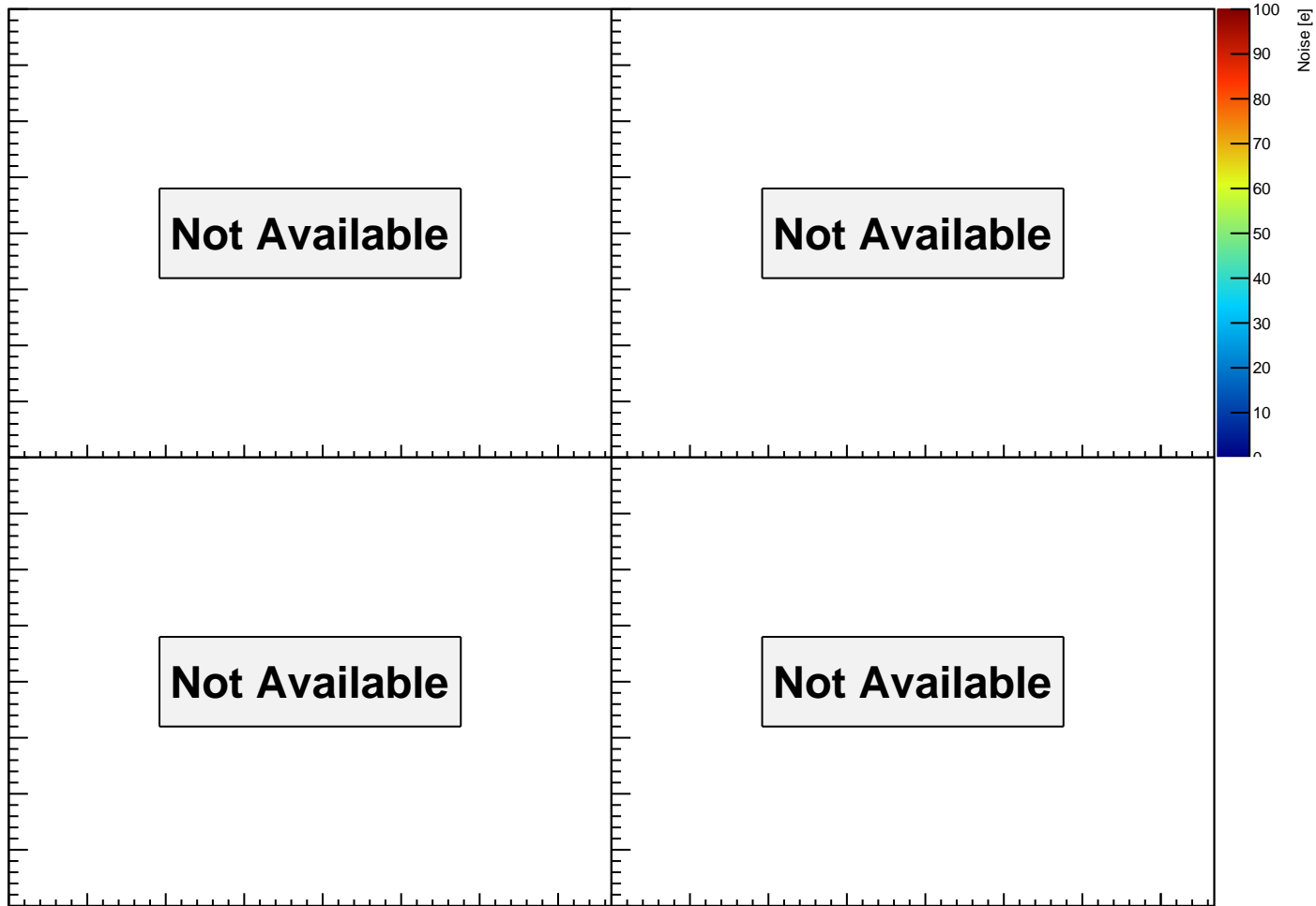












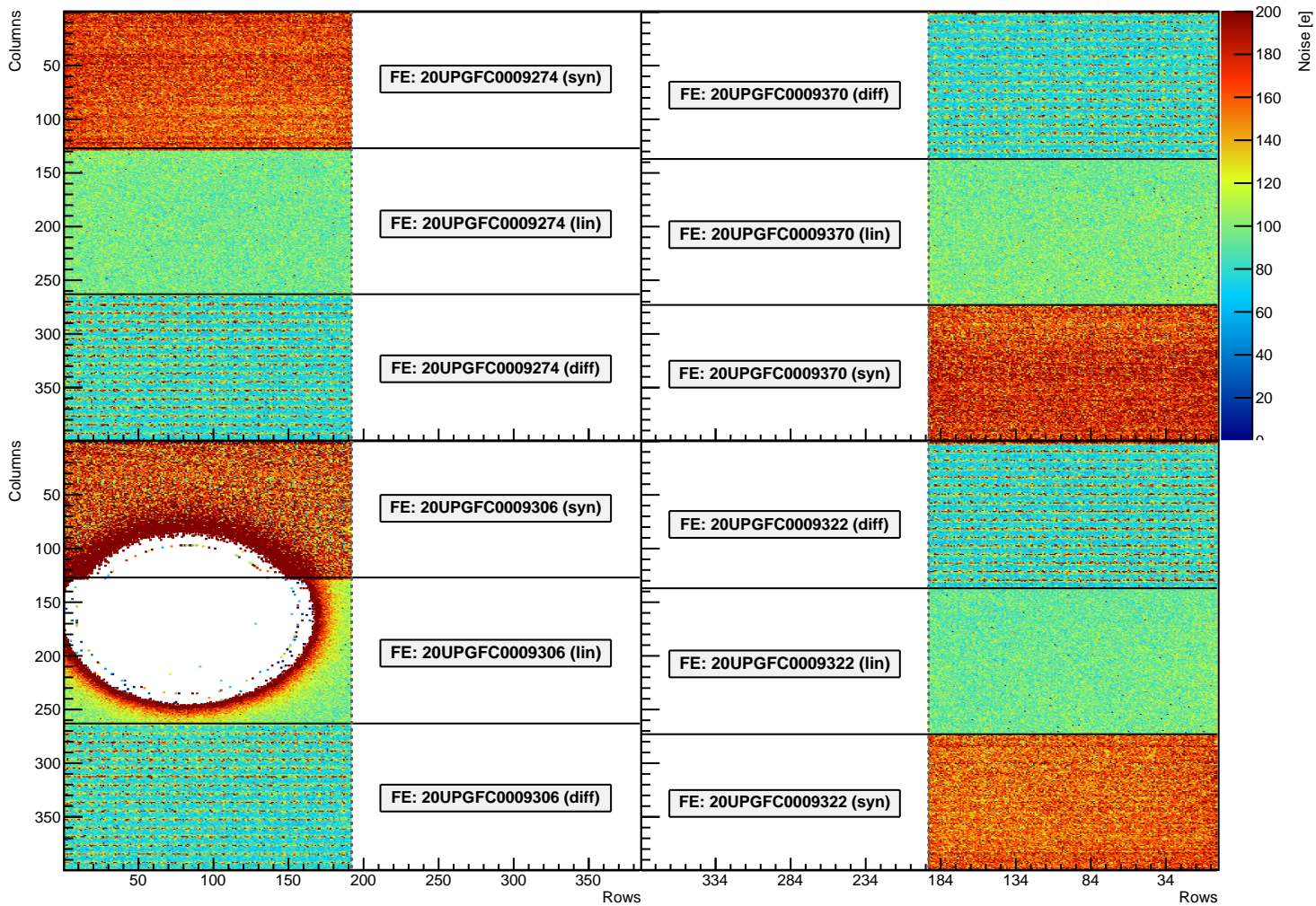
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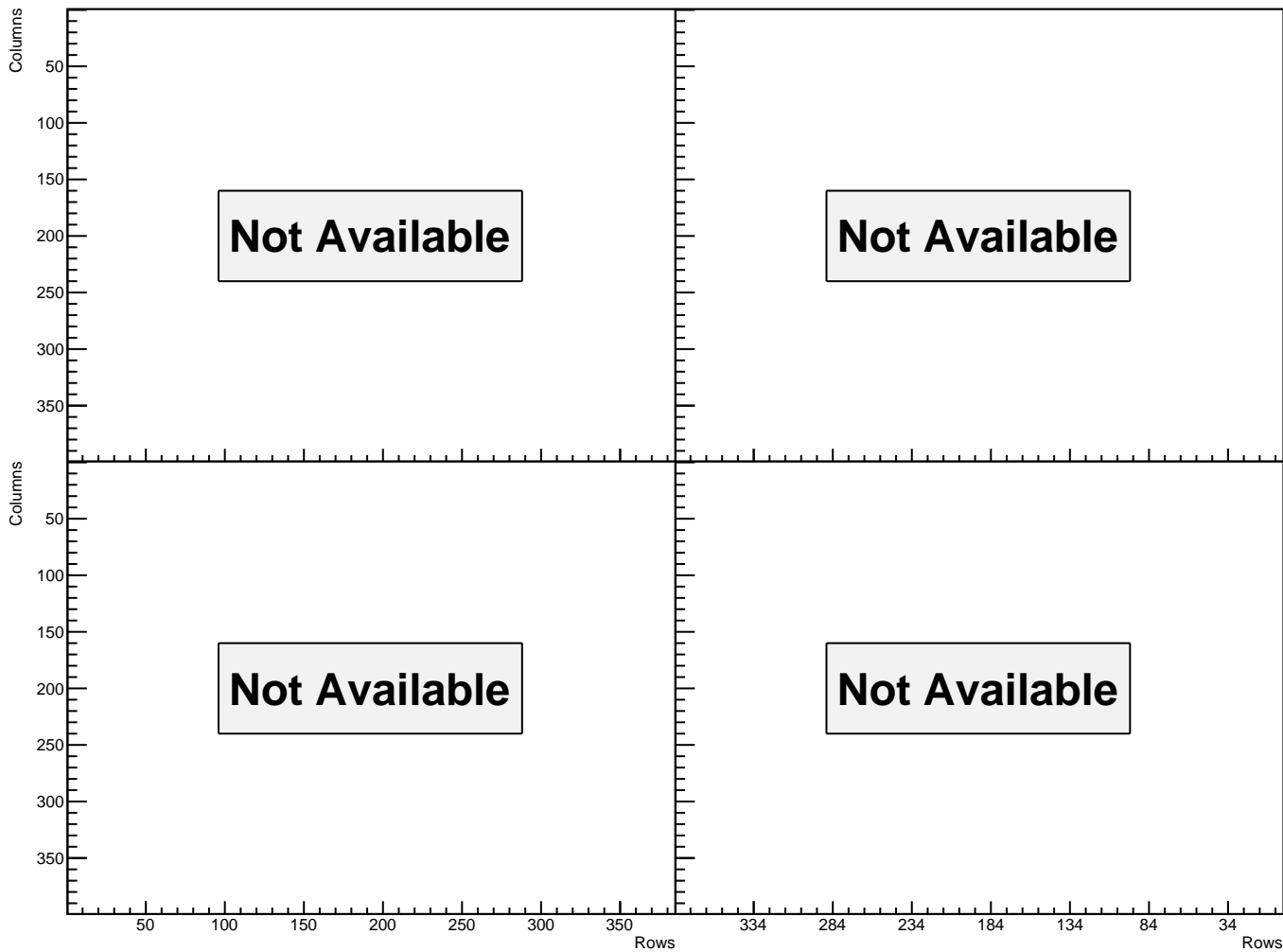
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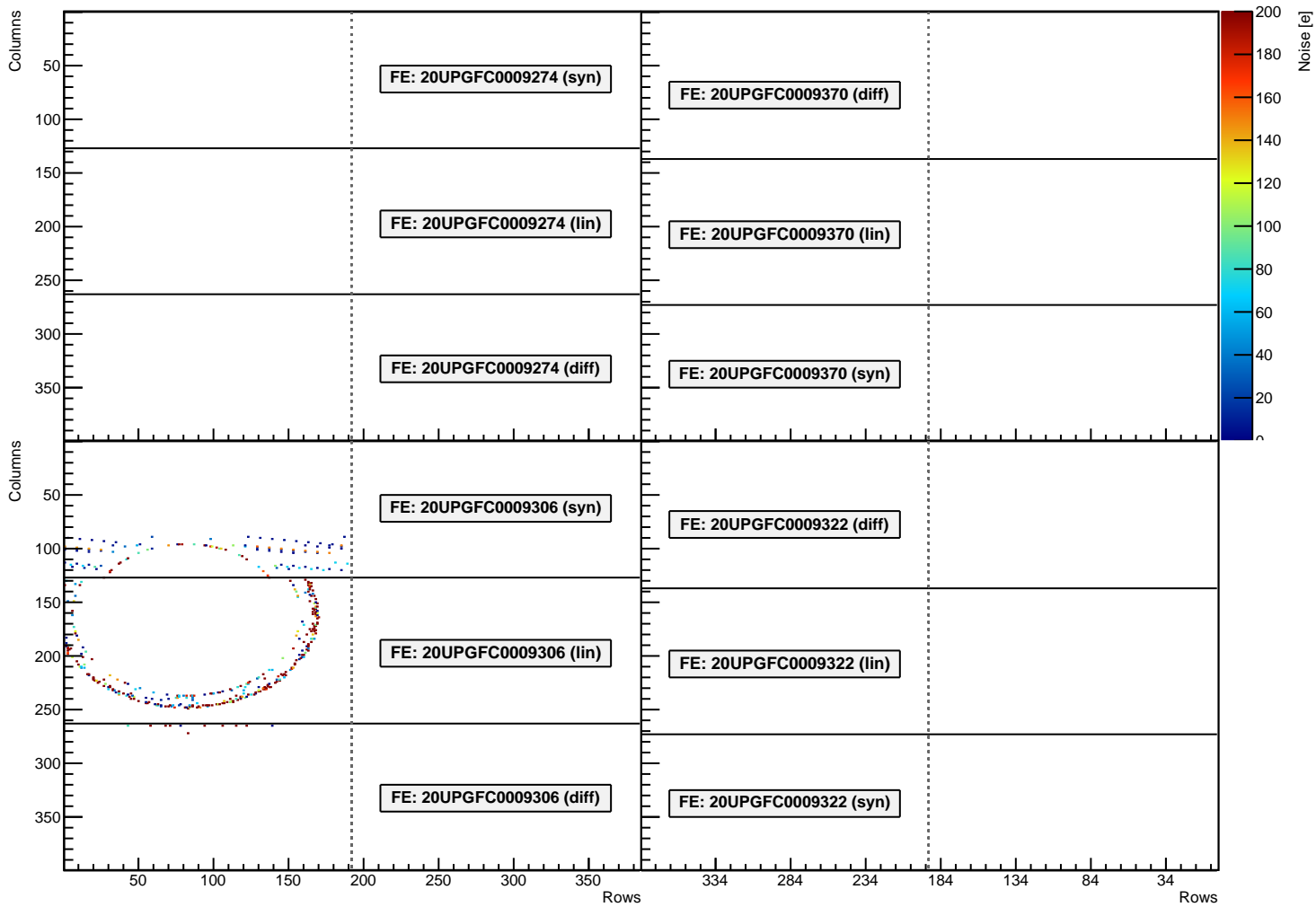
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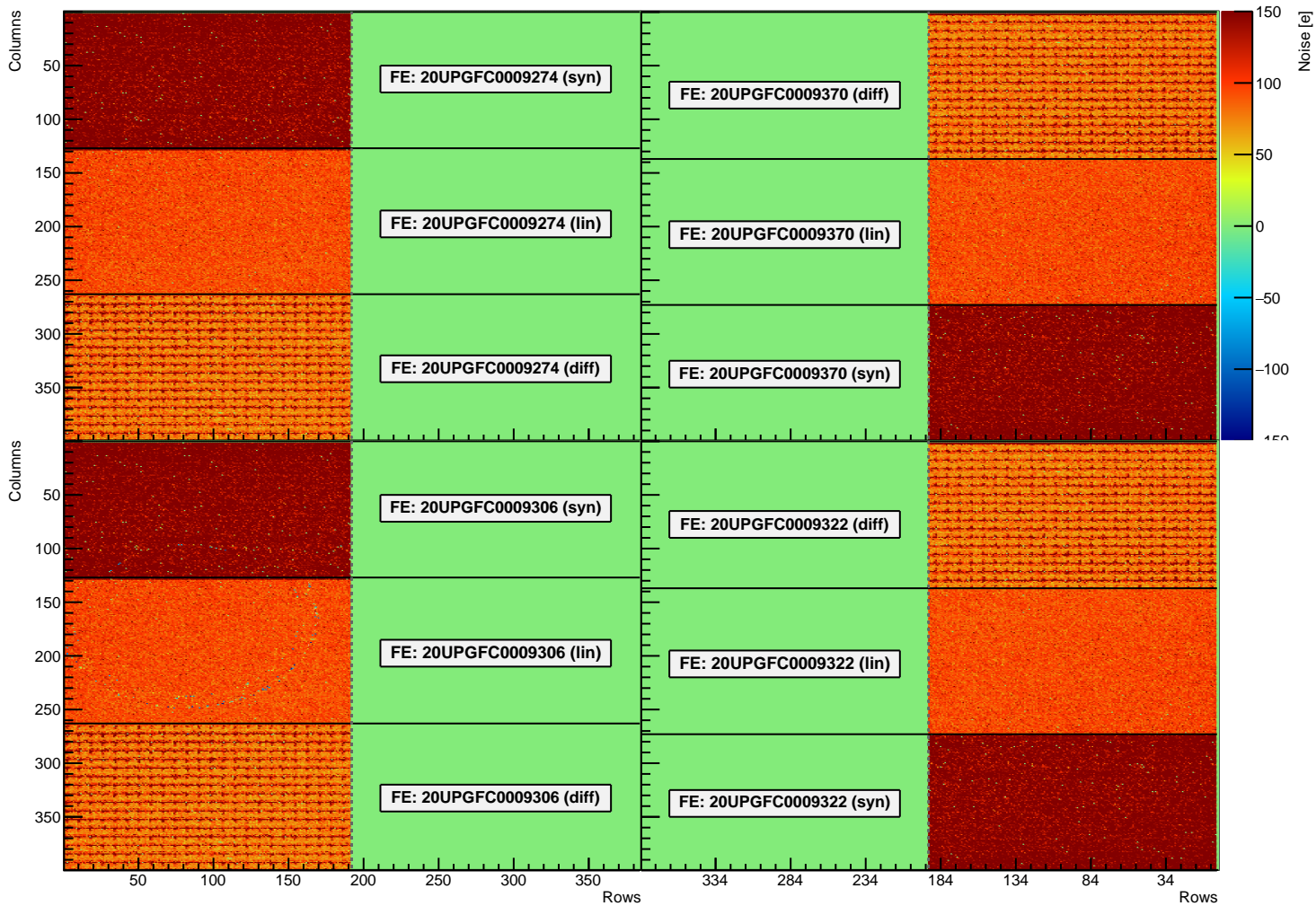
**Not Available**

thresholdscan NoiseMap-0 (Module: LivThn1) (Stage3)









thresholdscan NoiseMap-0 (Module: LivThn1) (Stage1)

