hit energy spectra

with high gain and low gain

"June data"

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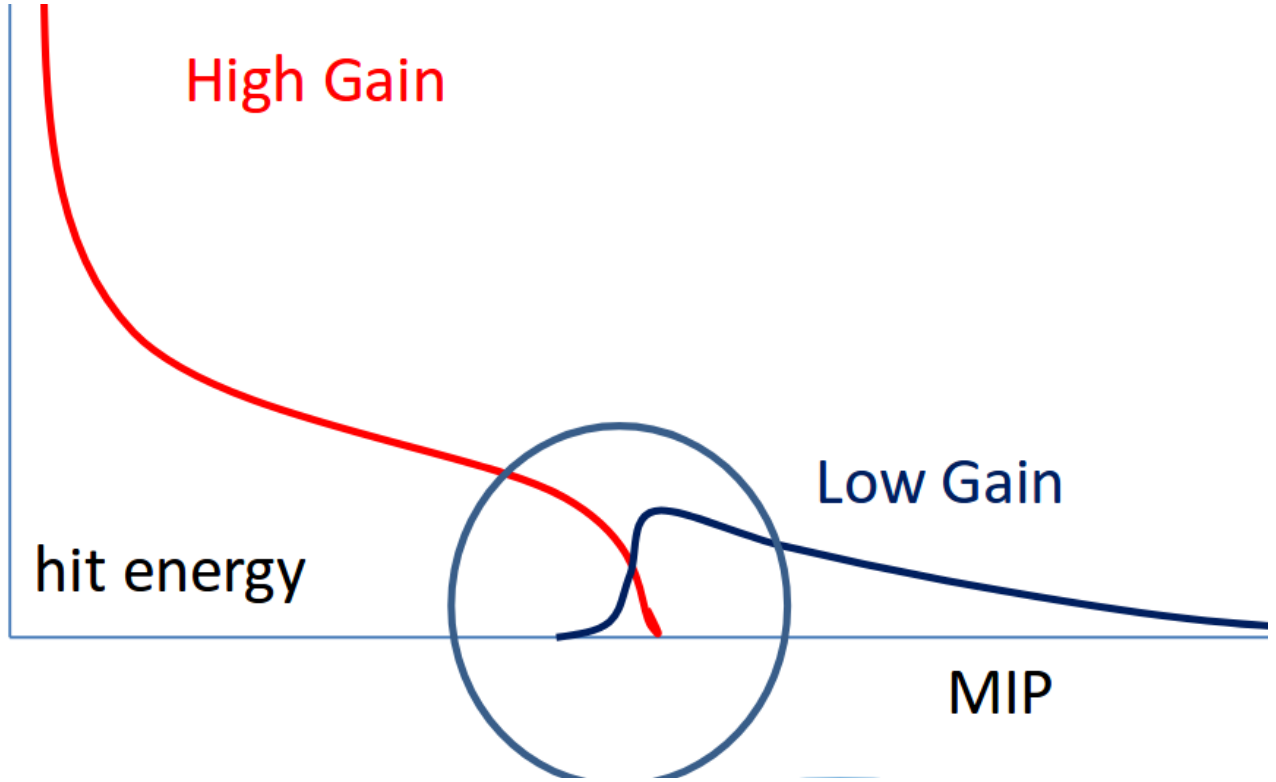
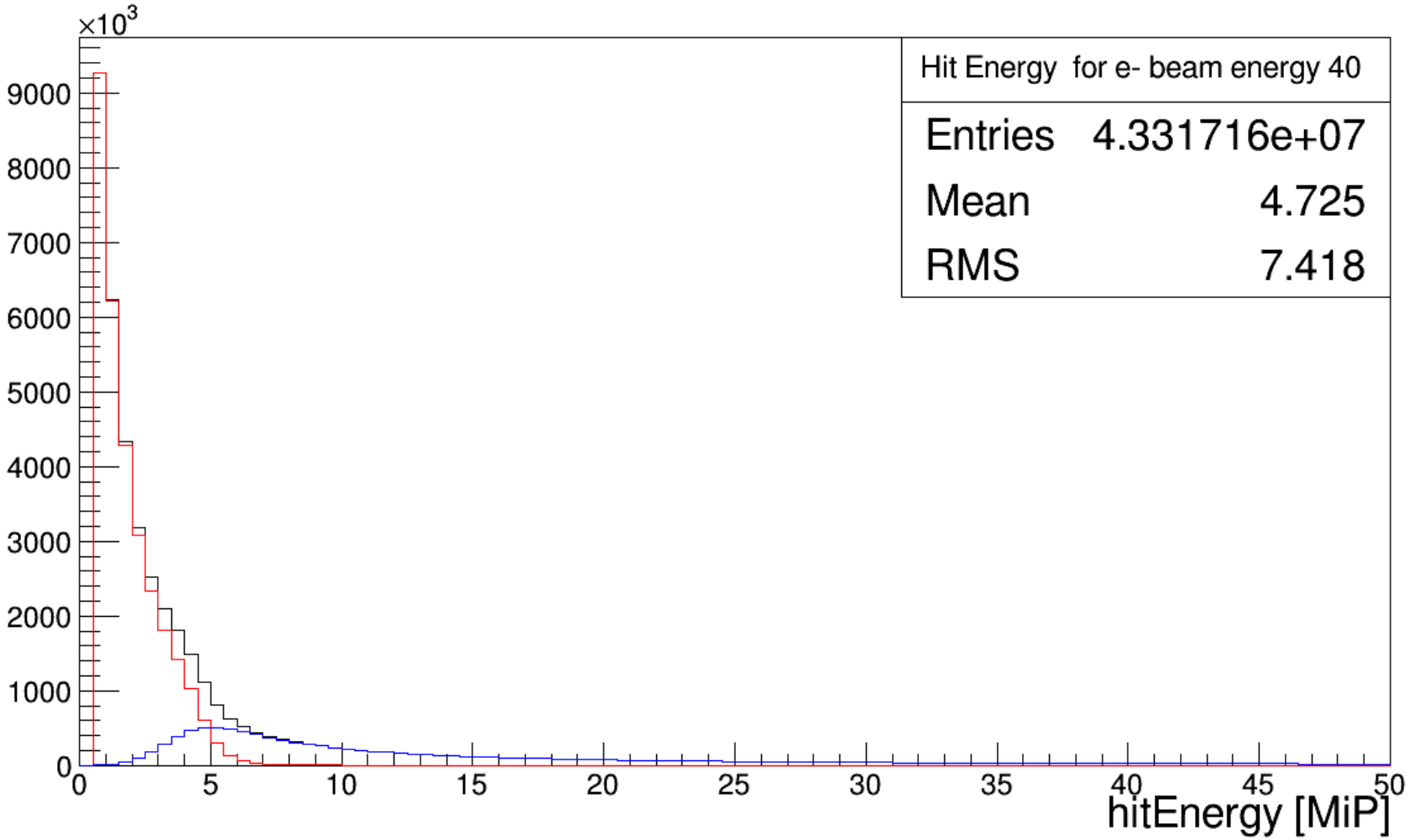
Motivation

- Hit energy spectra with HG and LG for different chip, channel and Memory cells.
- Check the HG/LG intercalibration.

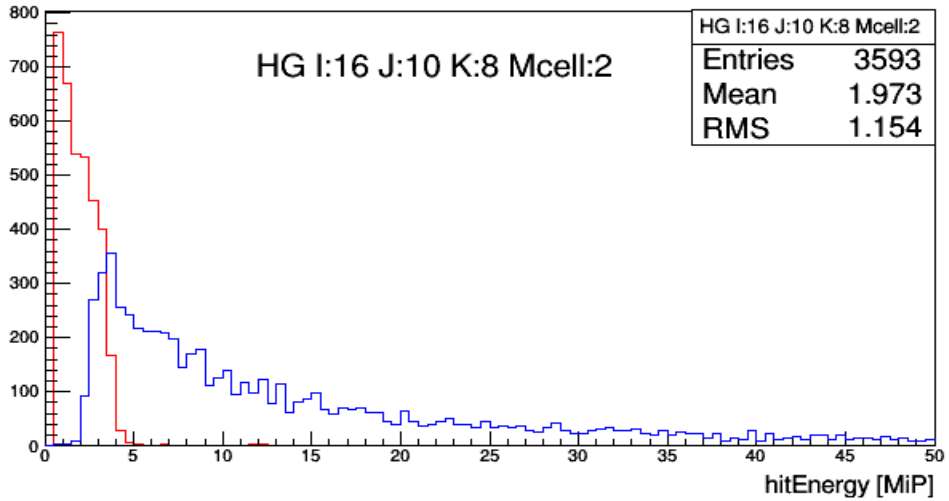
- Check for random m.cells

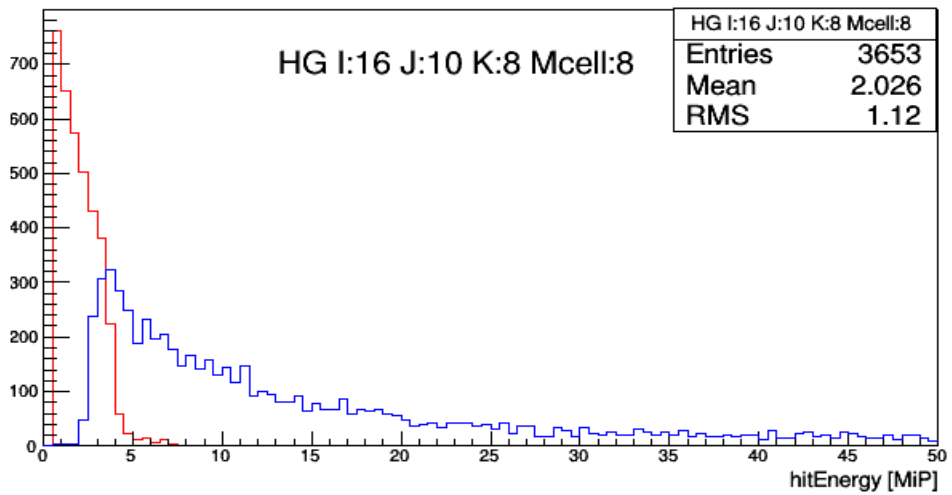


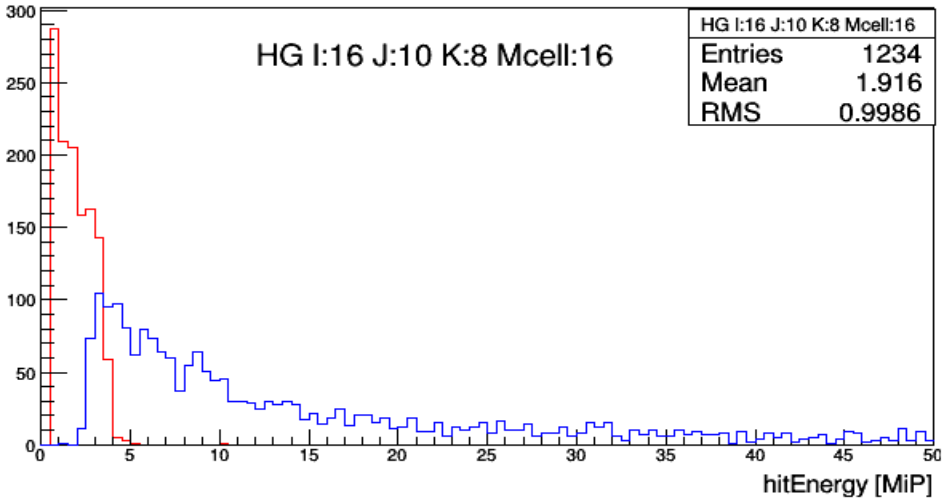
Hit energy spectra with HG and LG over all chips, channels and m. cells.



Hit energy spectra with HG and LG per m. cells.

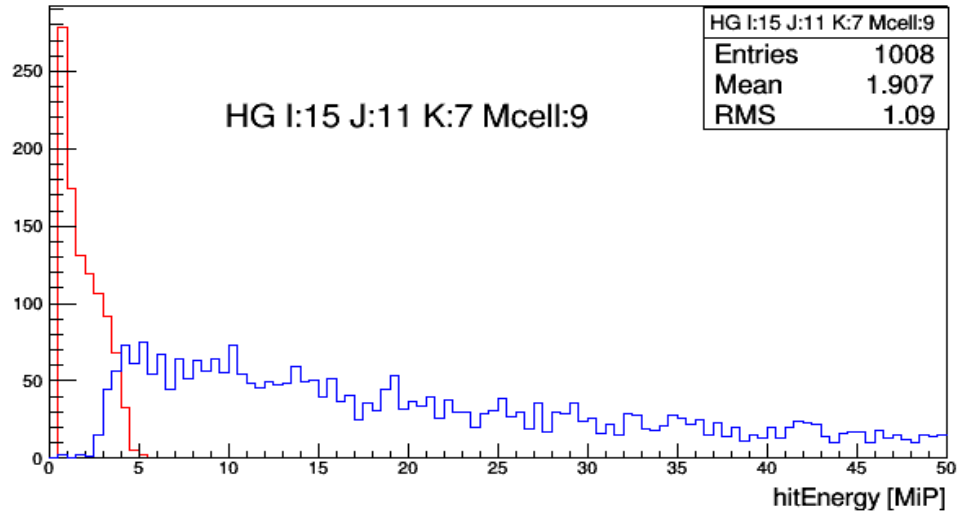


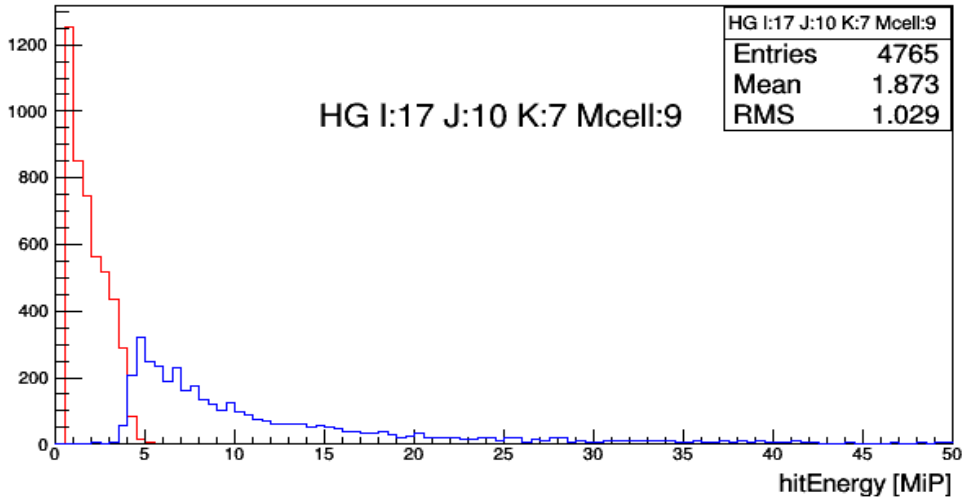


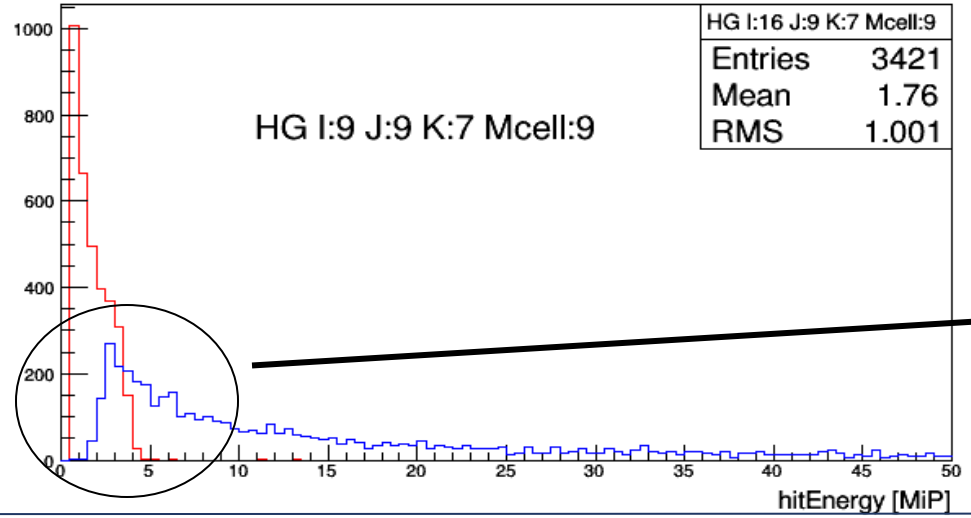


- High/Low Gain Intercalibration looks nice for this channel.
- HG/LG Intercalibration is done only per channels but not per M.cells.

Hit energy spectra with HG and LG per m. cells for different channels.

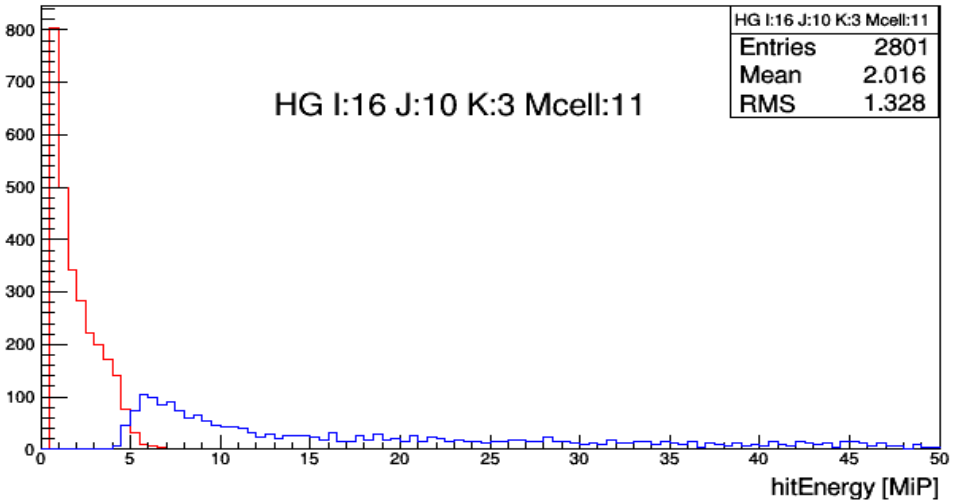


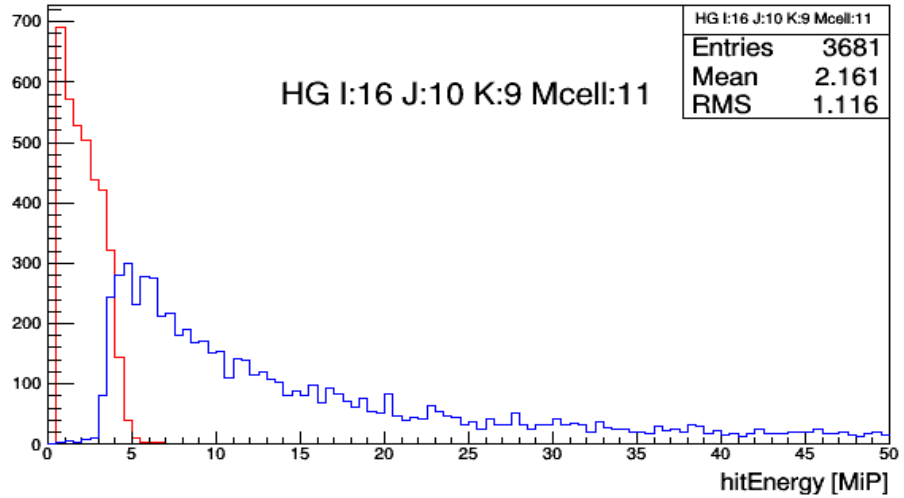


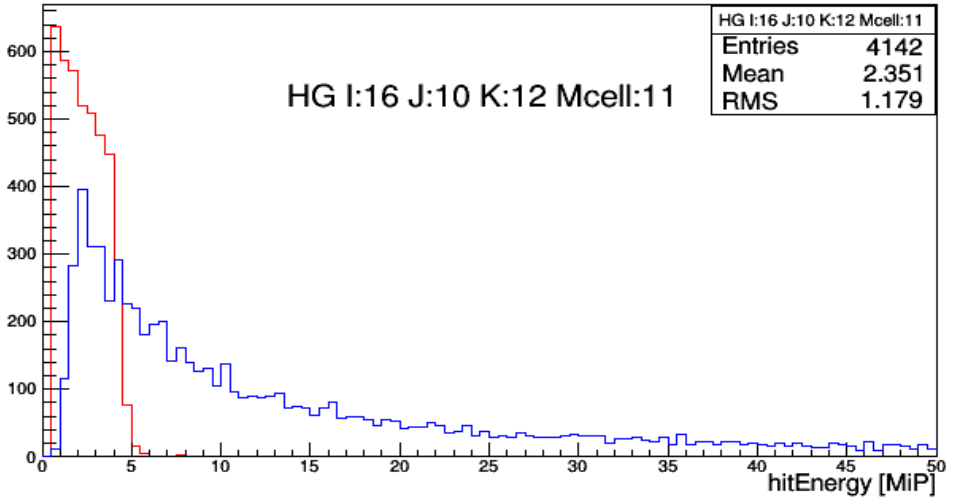


- Gain Intercalibration looks ok for this channels.
- LG hit energy spectra peak in to the overlap area between HG and LG.

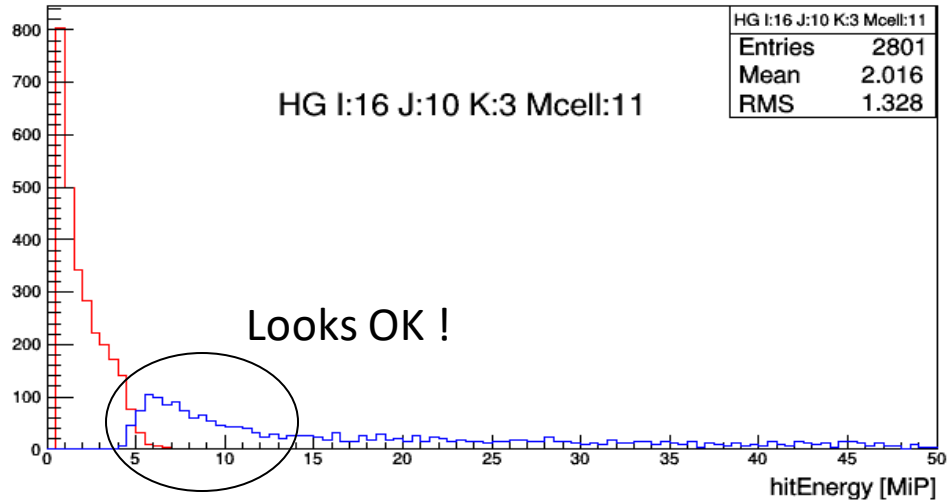
Hit energy spectra with HG and LG per m. cells for different layers.

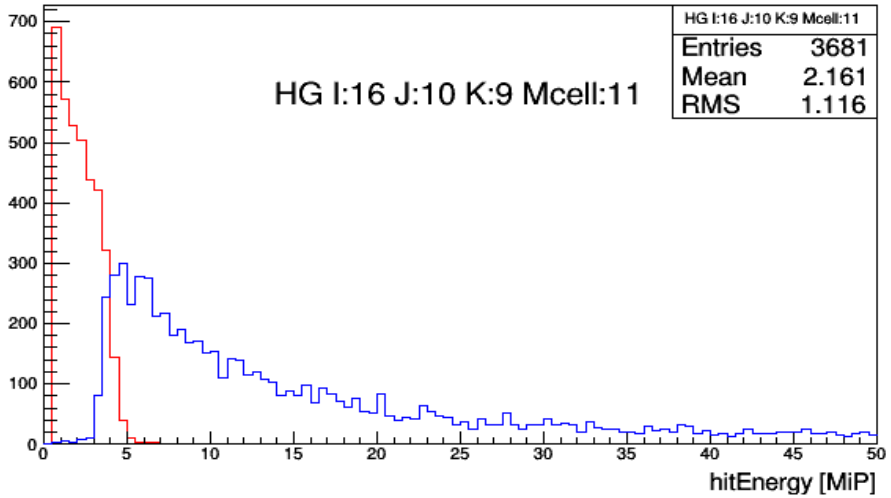


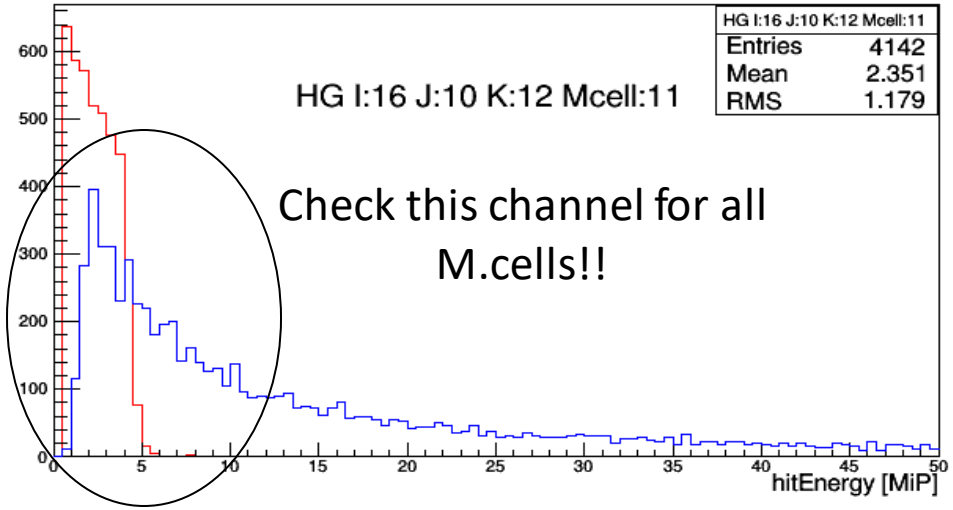




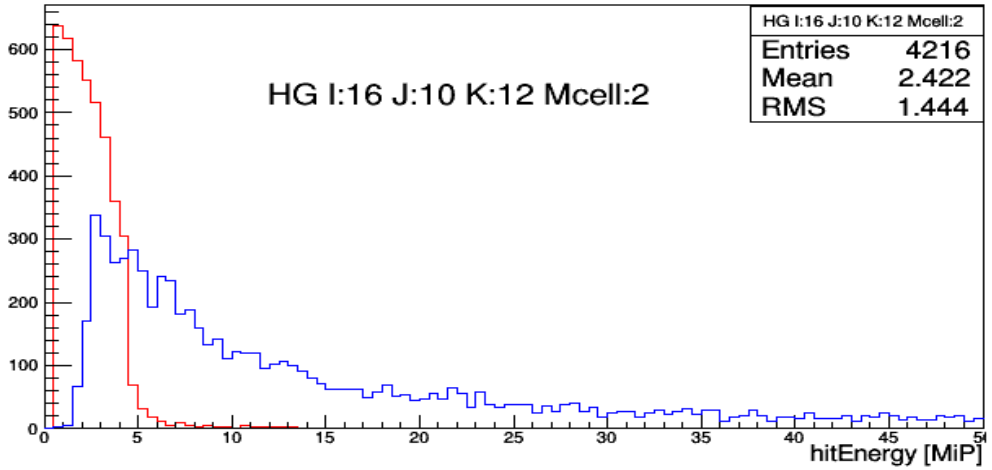
Hit energy spectra with HG and LG per m. cells for different layers.

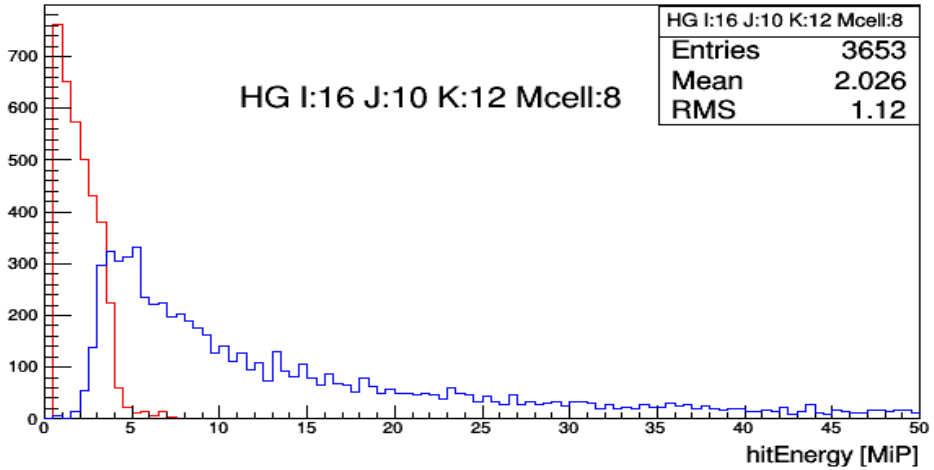


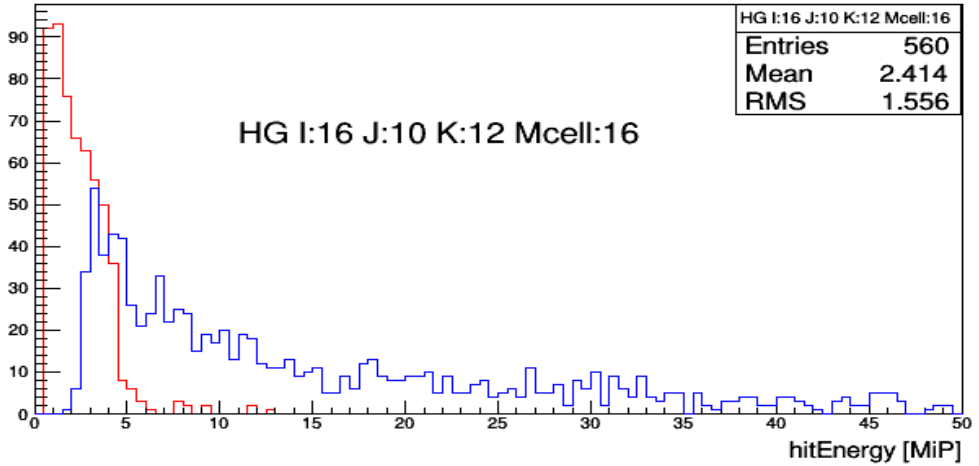




Hit energy spectra with HG and LG for different m. cells.







- The hit energy spectra and the overlap area variates between memory cells.

Outlook

- Check the HG/LG hit distribution for all chips, channels and memory cells.
- It seems that the HG/LG intercalibration should be done for each memory cells.