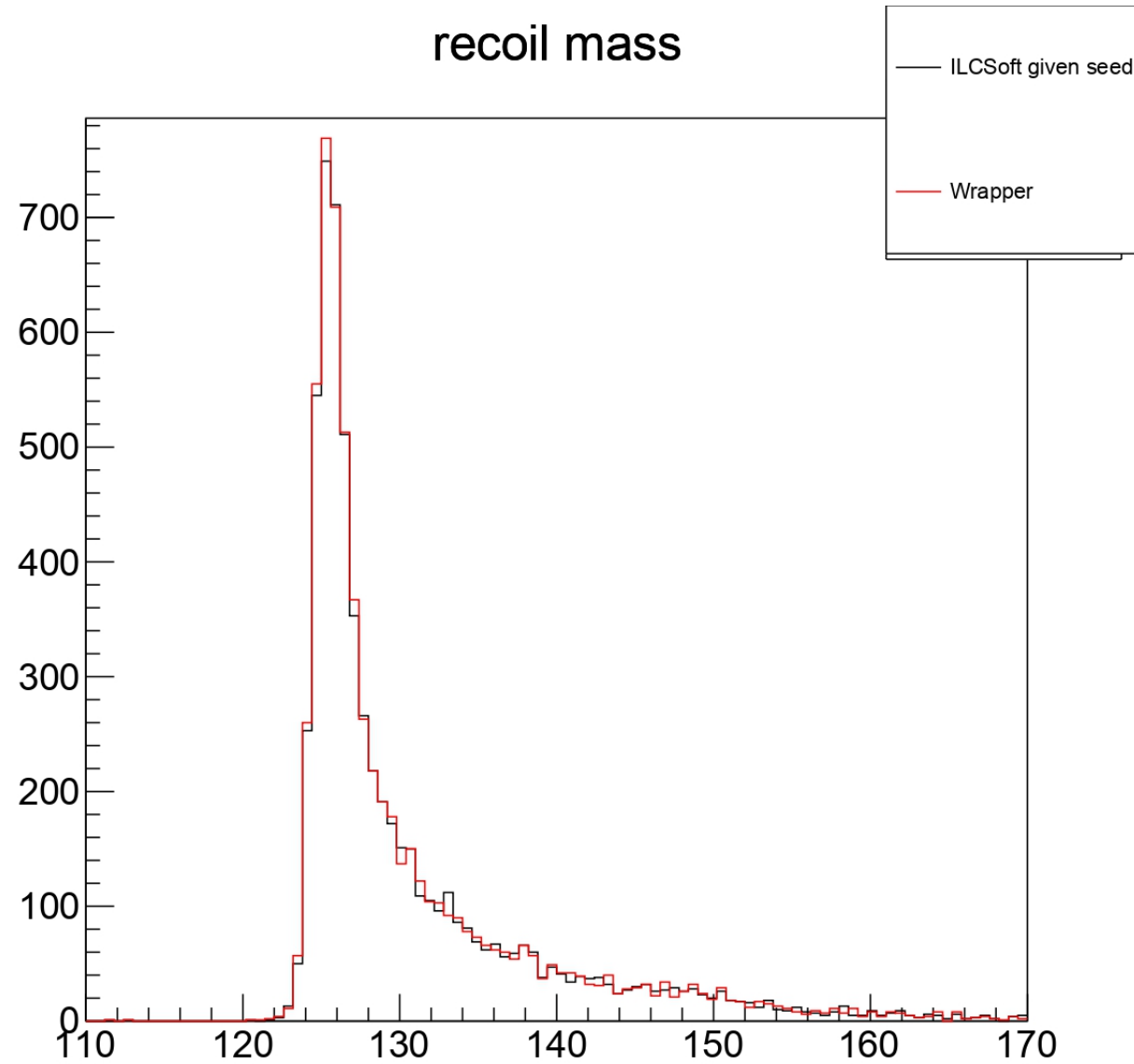


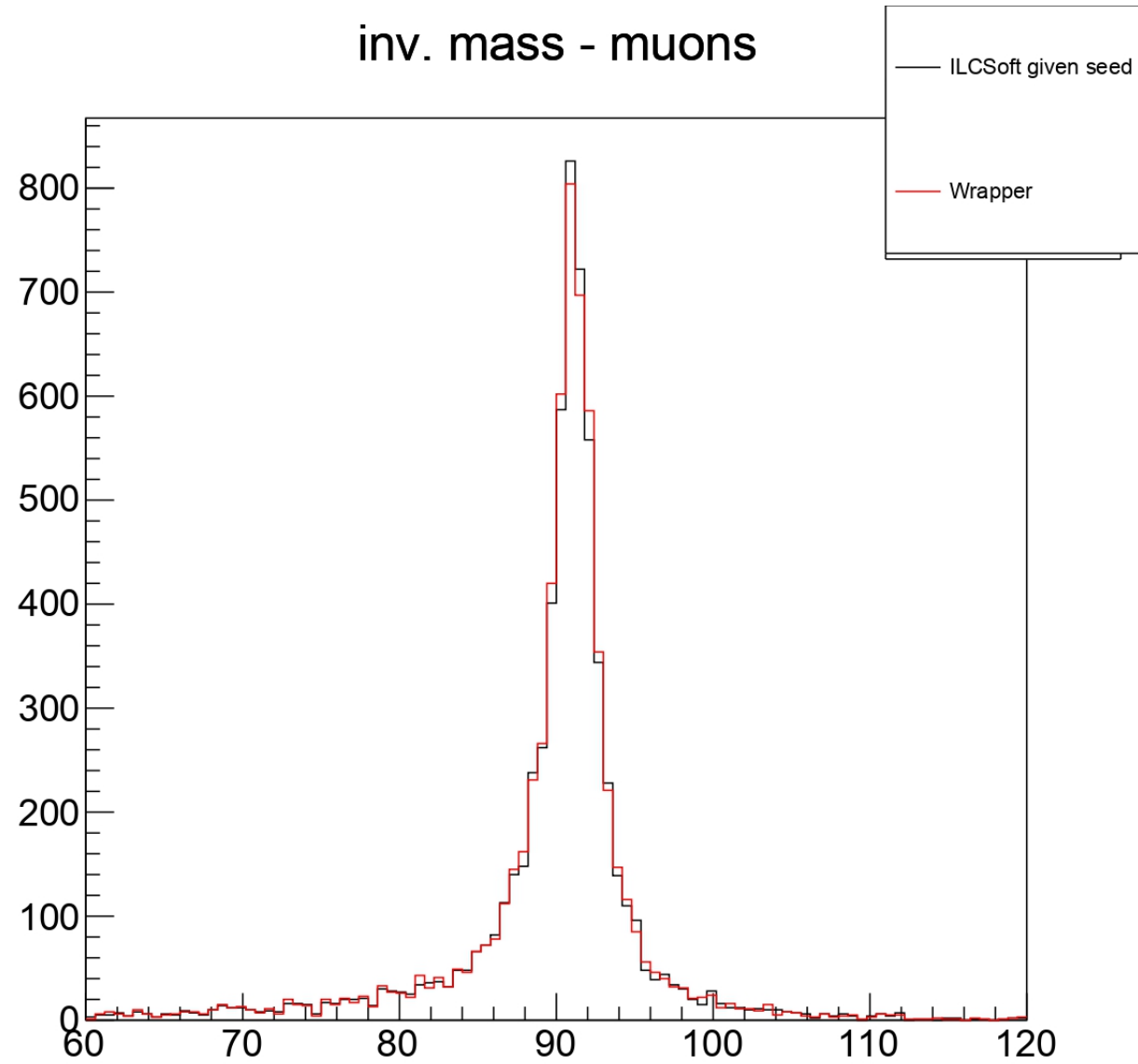
Seeded comparison plot

Fixed the seed used in the ILCSoft reconstruction to be the same as that used in the wrapper.

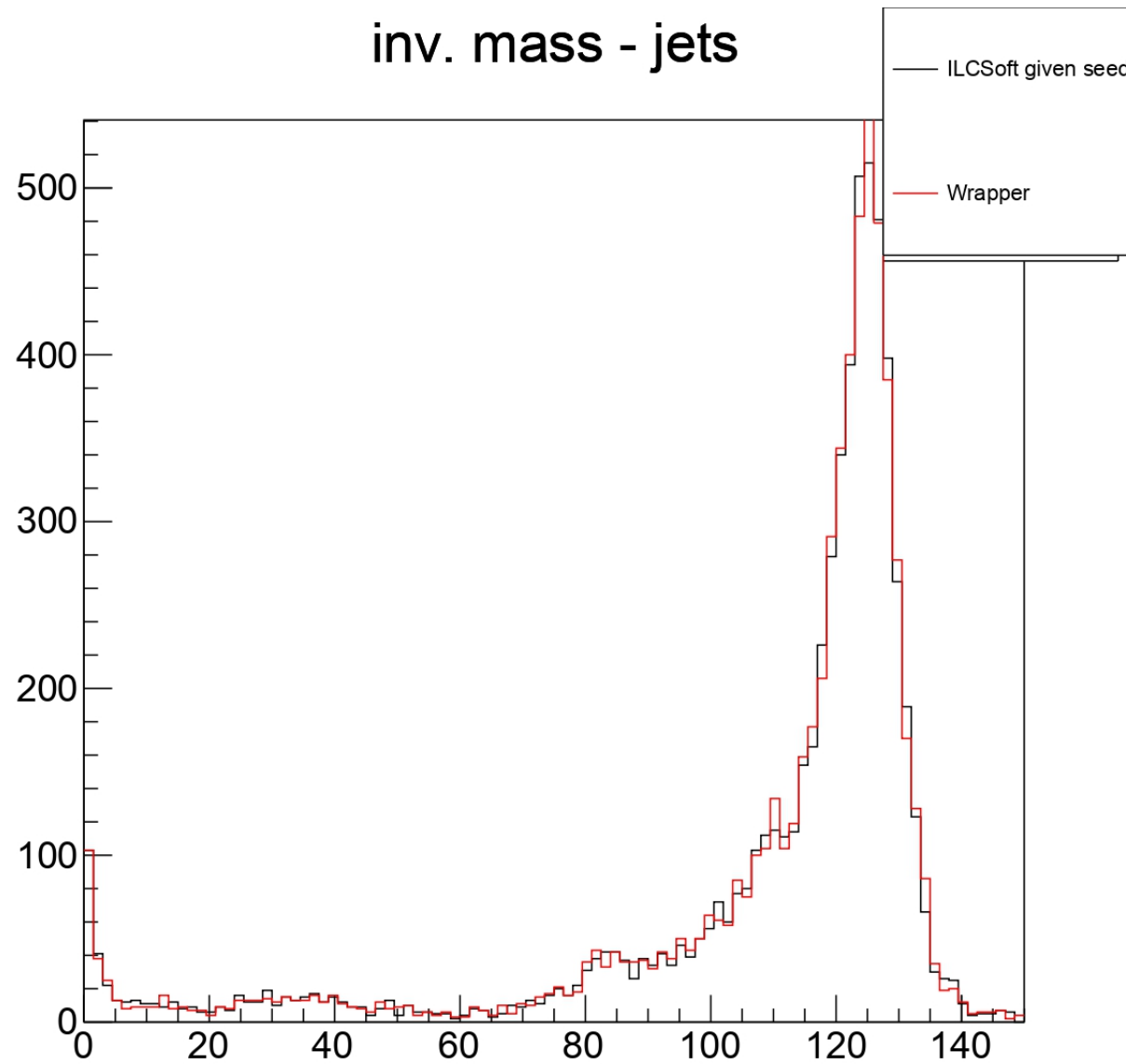
Discrepancy of approx. 600 events (6%) appears during miniDST workflow.



Seeded comparison plot



Seeded comparison plot



- Running “old” (Marlin) miniDST workflow and “new” (Wrapper) miniDST workflow over the same files – should be no discrepancy.
- Generally Wrapper events > Marlin events (a few exceptions)
- Most jobs with a discrepancy = 2 events (again, a few exceptions)

LCIORandomAccessMgr::getEventMap() recreating event map for direct access (old map)

Wrapper miniDST succeeds, Marlin miniDST fails regardless of how the files are produced.

- Wrapper miniDST over Wrapper files gives 270 events
- Wrapper miniDST over Marlin files gives 270 events
- Marlin miniDST over Wrapper files gives 4 events
- Marlin miniDST over Marlin files gives 2 events