

Rich Reflected hits and Issue #95 (Merge #70)

```
Add the number of PMTs fired by reflected photons. In the master only the total number of photons used is stored in
 short NHitsUsed = 0:
                              ///< Total number of Rich hits used for ring reconstruction RichRingR::getU
I have replaced this variable by this:
 std::array<short, 2> NRingHits{0, 0}; ///< Number of hits used in the ring (direct, reflected)
so that both the number of direct and reflected hits are stored.
Also slightly changed the description of RichCharge to account the remarks I made in the issue #95 (closed) and fixed the
possible bug on
 short NAIA::RichPlusData::RichAdditionalData::RichPMTs
which I raised in the same issue. I still do not know if this is an actual bug so I can remove this "bug fix" before the merge.
Closes #95 (closed)
```

Z>2 data set

I have produced an Heavy Ion Skimmed Dataset of NAIA v1.1.0.

It contains all the event which pass loose Charge Greater Than 2 masks:

```
bool UTOF = event.CheckMask(NAIA::Category::ChargeGT2_Tof);
bool UTOFSt = event.CheckMask(NAIA::Category::ChargeGT2_Tof_St);
bool TRCK = event.CheckMask(NAIA::Category::ChargeGT2_Trk);
bool TRCKSt = event.CheckMask(NAIA::Category::ChargeGT2_Trk_St);
bool charge_selection = ( (UTOF) || (UTOFSt) || (TRCK) || (TRCKSt) );
```

You can find the dataset here:

/storage/gpfs_ams/ams/users/erobyn/bo-ionsanalysis/batch/output/IonSkimming/v1.1.0

Whenever I am able to use gfal I will transfer the dataset to /storage/gpfs_ams/ams/groups/AMS-Italy/ntuples/v1.1.0/ISS.B1236.ZGT2

Please let me know if you have any problem using the reduced dataset (erwan.robyn@cern.ch or on Discord)