From Session two on 11/ 19 201 5
Gordon breakout :

particle and nuclear addressed most

what to keep:
minimum: what're goals?
get paper thru peer review, want the paper and the info associated to be copyable by your competitor .
Some groups that combine results of data you want them to be able to read your data
Form right now is paper, plots as pdf, and supplemental material (more plots?)
People who know their data is going to be reuse may provide a software readable version of the data behind their plots

What about More:
The data (since it comes in proprietary formats you also need the software), and you need the workflow & internal analysis note: contains calibration details, 100 pp for even short papers - this note is rarely made public - but these are archived and kept.

what would be incremental cost - because software is involved the incremental cost may be bigger when the software needs to be kept tunable

software is operating system specific so sometimes results need to be revalidated

particle an nuclear disagreed on cost

in particle you collaborate or die - you will have a common data format - 3,000 people all using same format - have people who are assigned to work on common tools used by whole experiment - part of service work and also part of assigned roles

contrast w/nuclear physics groups can be small, each group can use their own format matched to their instrumentation, (not as easy to share between small efforts)

Maybe larger efforts could provide some infrastructure for the smaller efforts?

Lifetime: canonical has the dataset been superseded? is that the way you know the lifetime is "over"?

if an experiment is unique and unlikely to be remade for a long time like 50 years -t hen the data needs to last that long