SHIFT TAKER UPDATE THE POLARIZATION LOG FILES
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We want to keep a polarization database. In its first form it will be a simple text file, such as ~/pro2004/analysis/pol.log

Routinely one should extract the polarization for all crunched runs from a previous shift, noting the collected charge, running charge.

Every 24 hrs we should update the tensor polarization value

TO EXTRACT VECTOR POLARIZATION FROM D(ee'p)
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the macro is :

...analysis/macros/Deuterium/DEEPLIB/show_deep_asym_all.C.

To run it, type the following:

root -l show_deep_asym_all.C [file numbers]

will pop up three canvases: a comparison to the point asymmetries, a comparison to pMiss and Q2 using the monte carlo (note monte carlo is currently under question)

TO EXTRACT TENSOR POLARIZATION FROM D(ee'd)
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first:

cd ~blast/pro2004/analysis/macros/Deuterium/edel/

to analyze new data:
root ed_xs.C ####-#### spinthd=32 closed

Once that is done there are many options at the root prompt
e.g. draw_asym() plot tensor asymmetry and fit to theory for Pzz
     draw_xs()   plot yields overlaied with scaled Monte Carl

there is a README file with mouch more information.
It makes little sense to do ed analysis on single runs. I found runs in 24 hours a nice block to produce some results. Remember to option "closed" and/or to used closed data files else the macro overflows and won't get out of its loop.