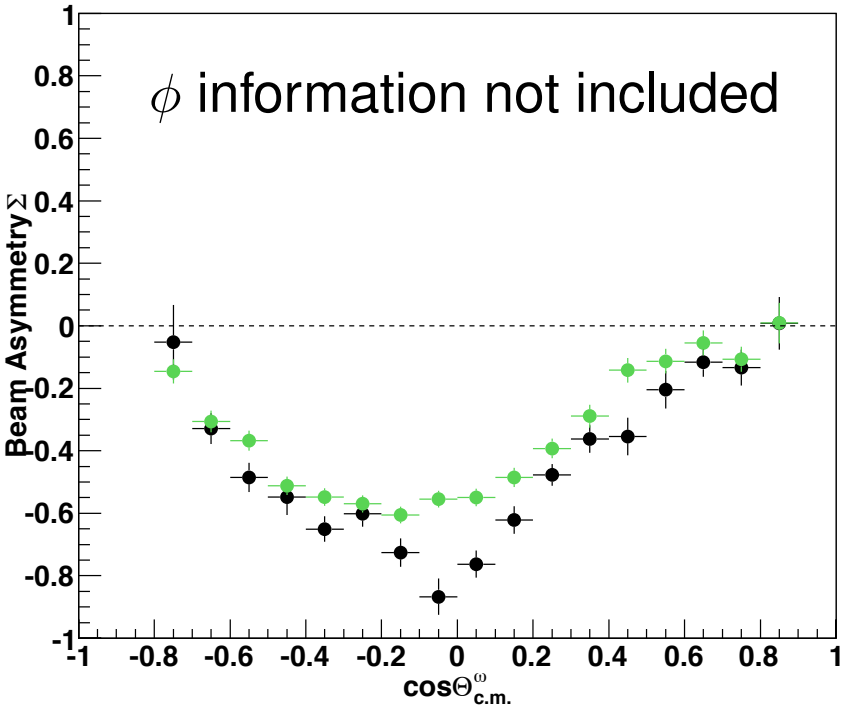
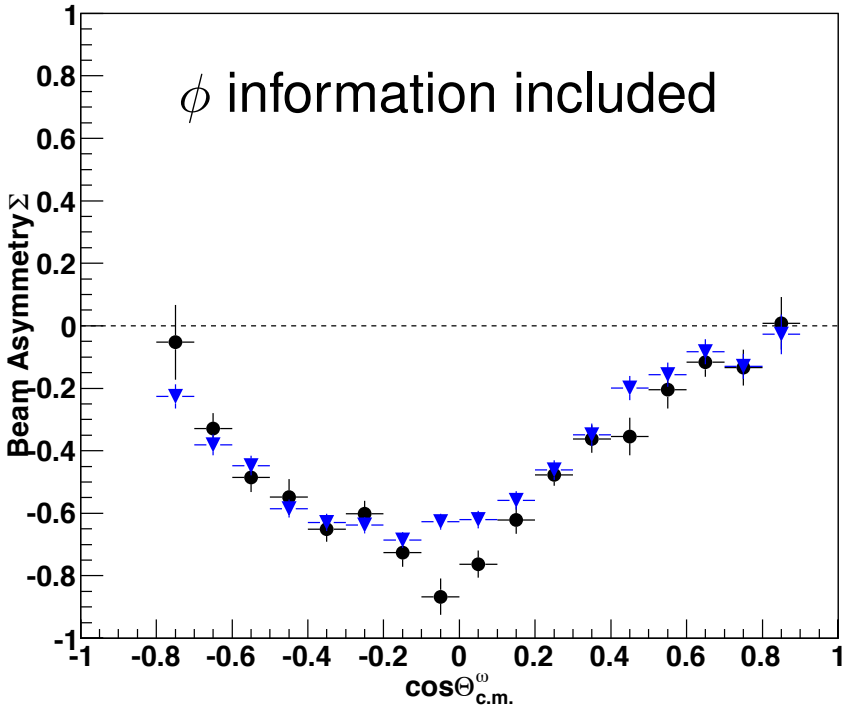
Azimuthal Information in the Background Subtraction

We appreciate the discussion on including the azimuthal information in the background subtraction (Q-value metric).

Example (analysis of g8b data):

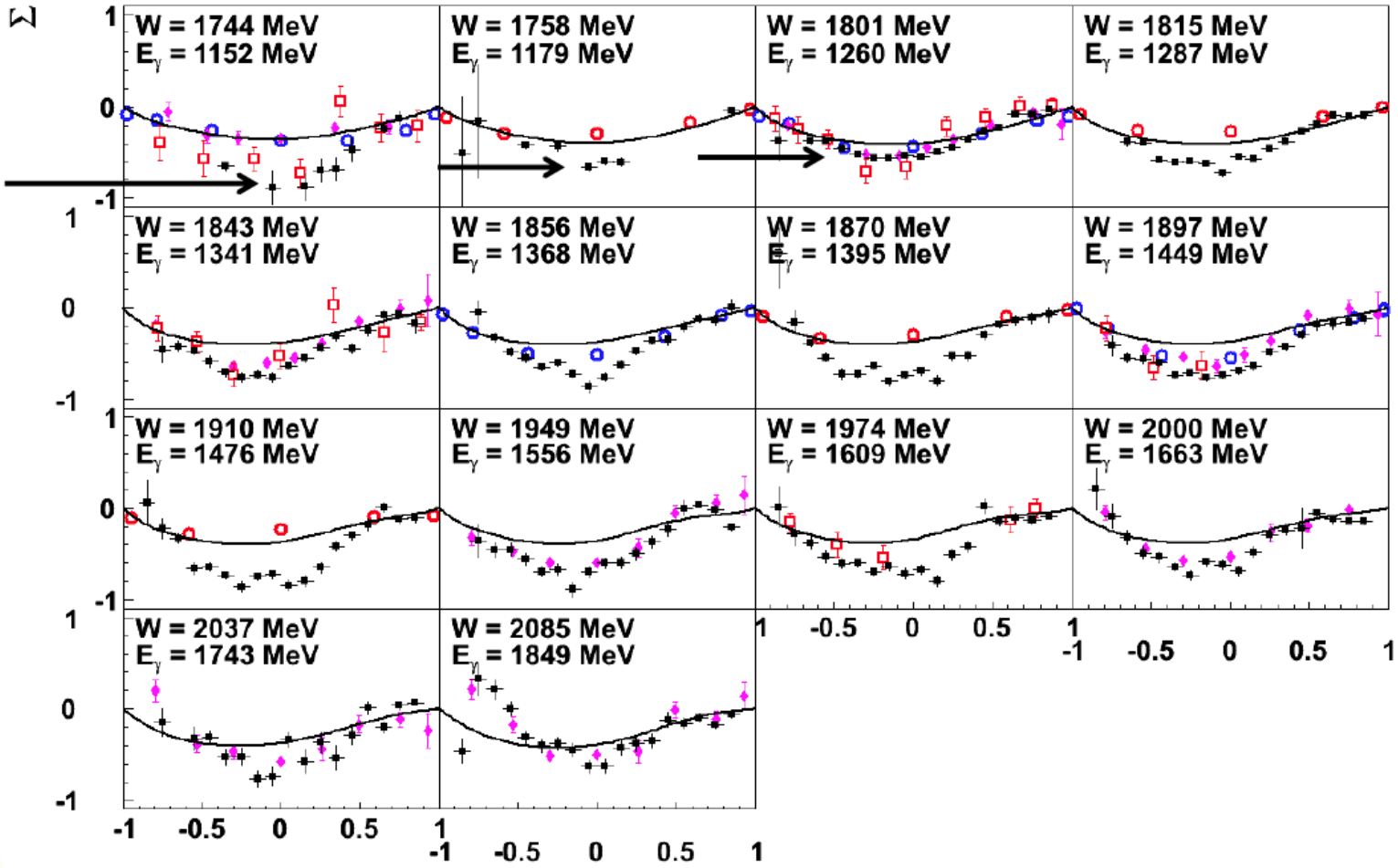
$E_\gamma = 1368$ MeV (1.5 GeV coherent-edge data set)





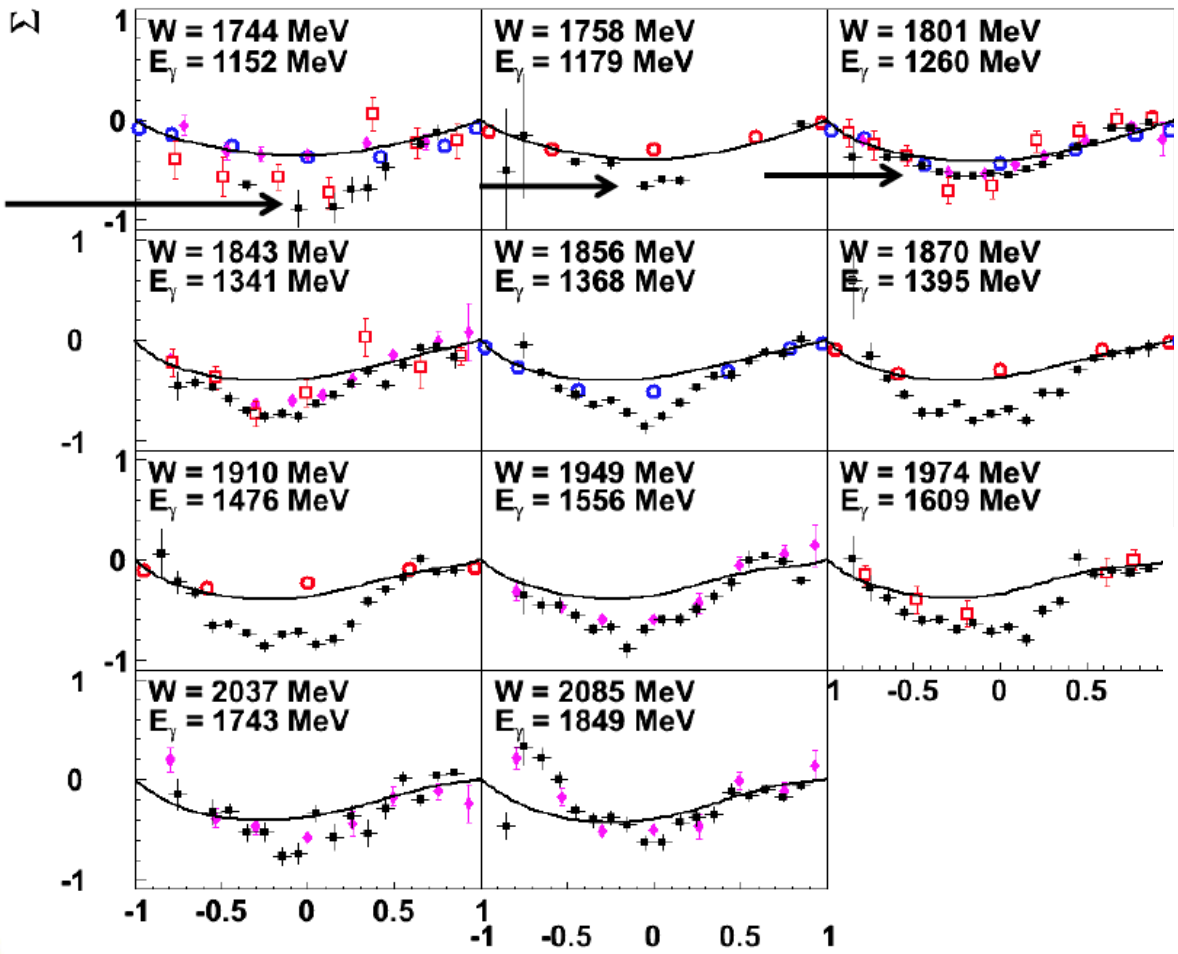
Comparison of Various Data Sets for Σ_ω

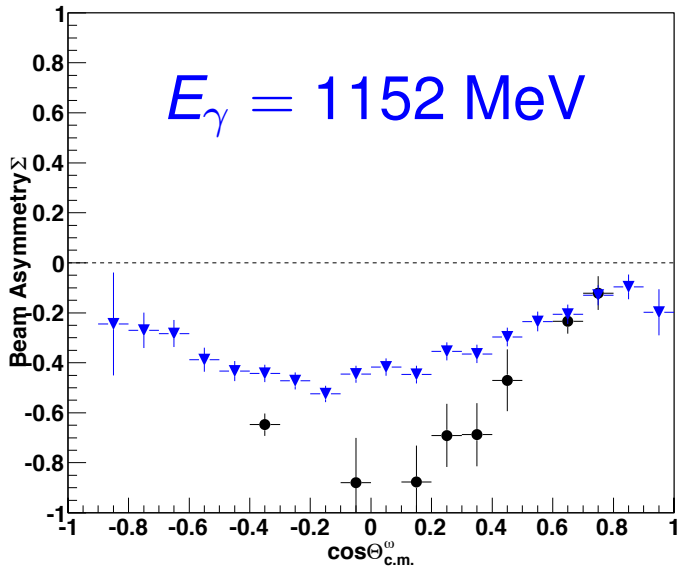
Energies where comparison is possible

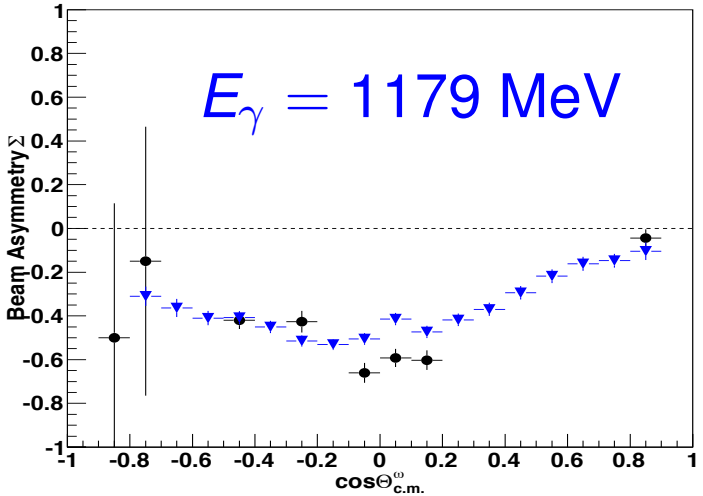


- Looks like ASU sees rapid change at low energies

Energies where comparison is possible

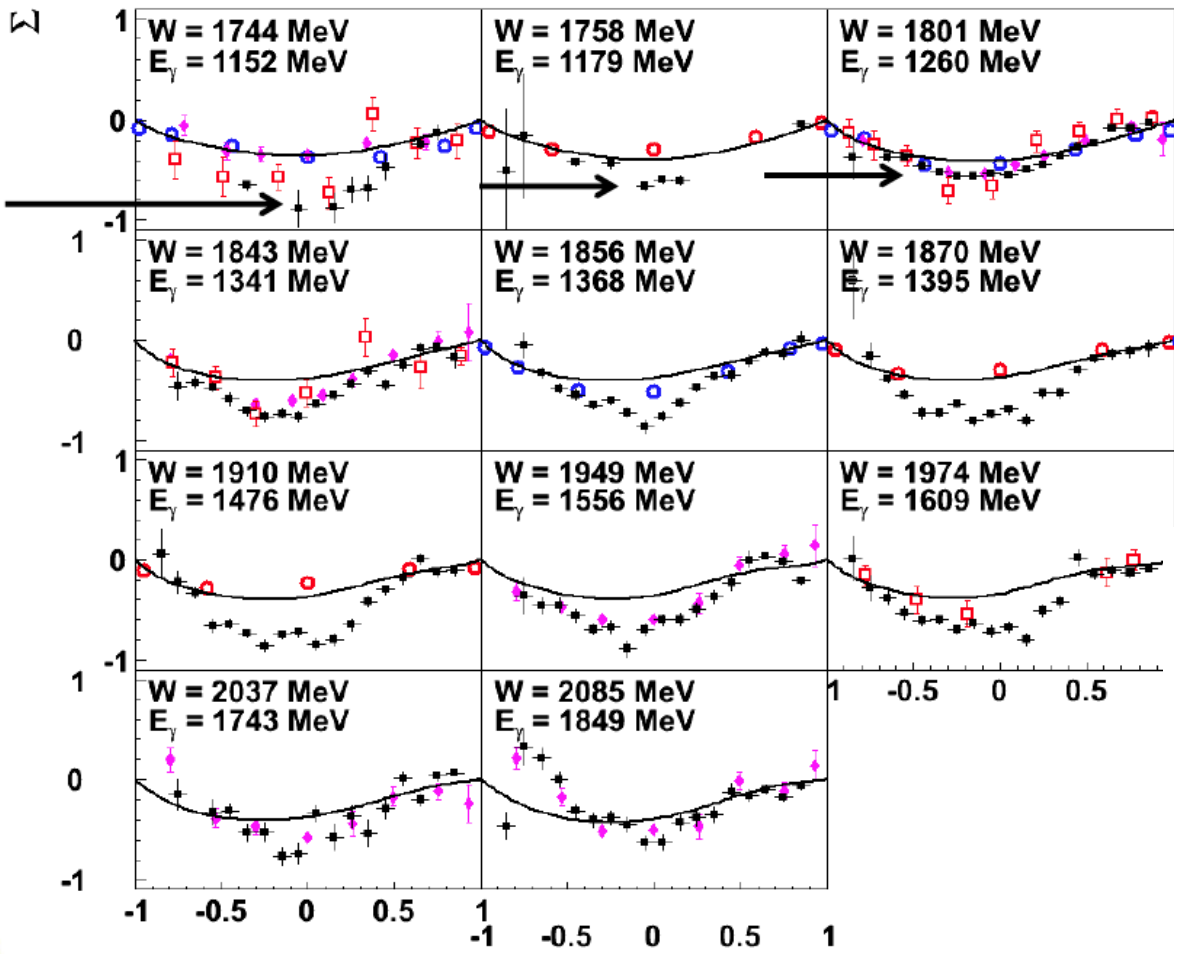


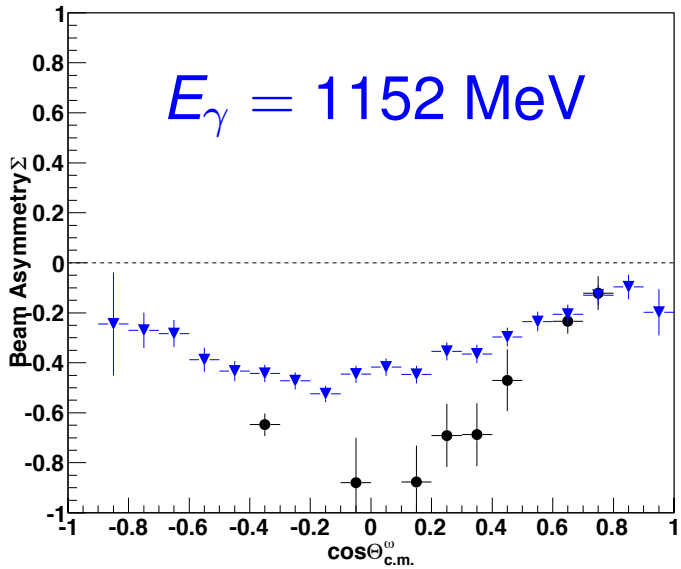


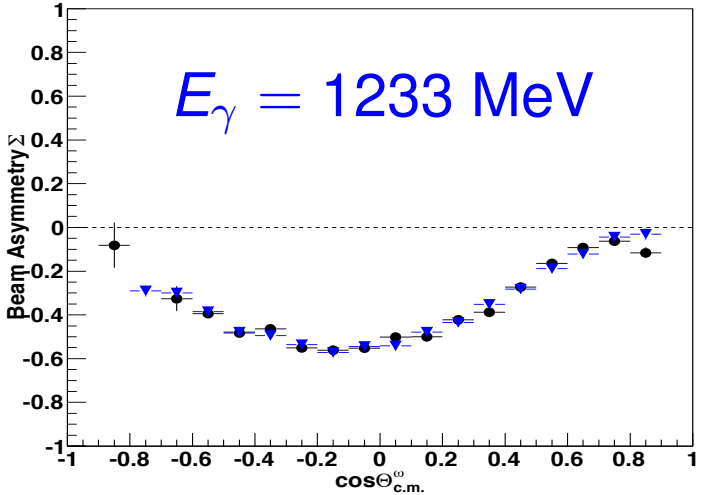


- Looks like ASU sees rapid change

Energies where comparison is possible



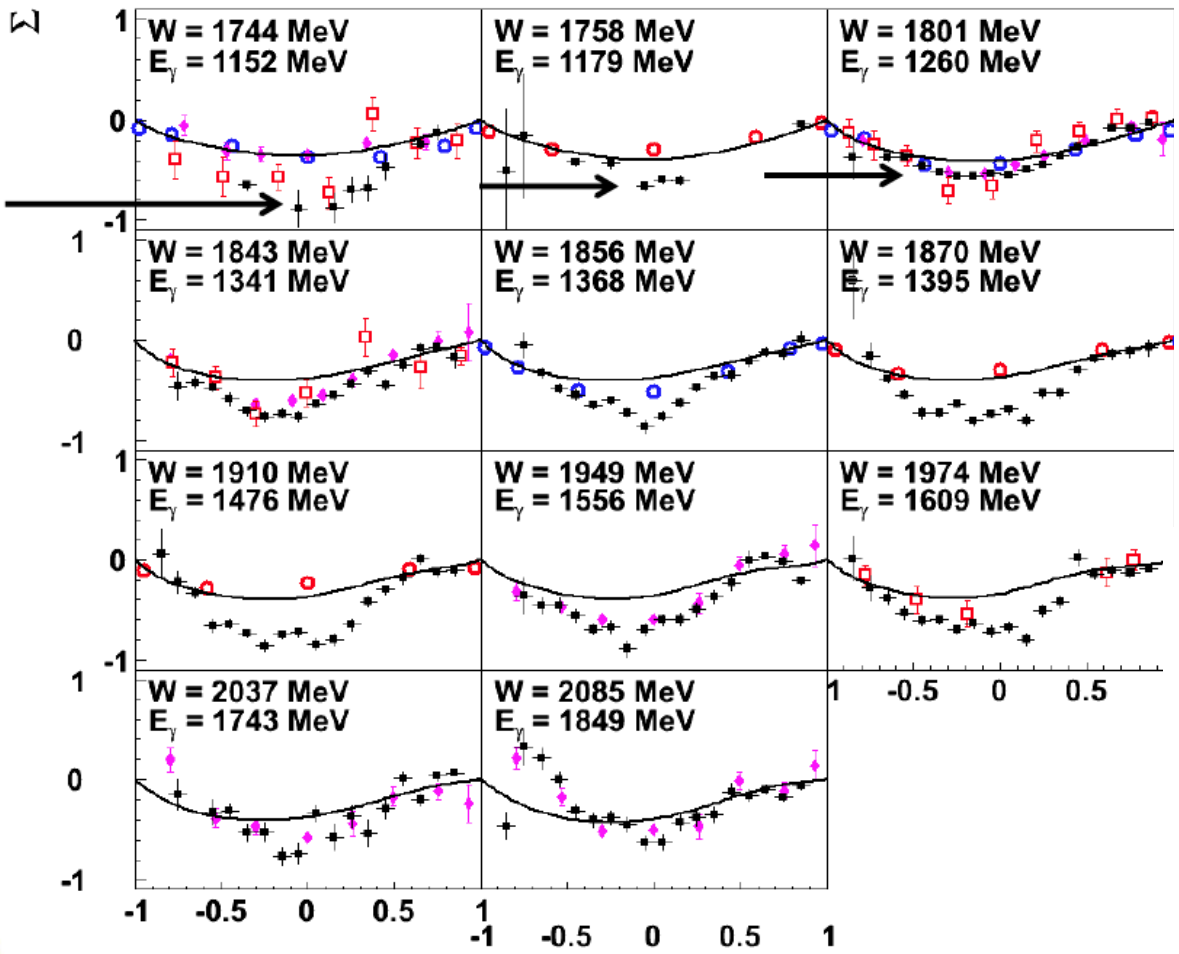


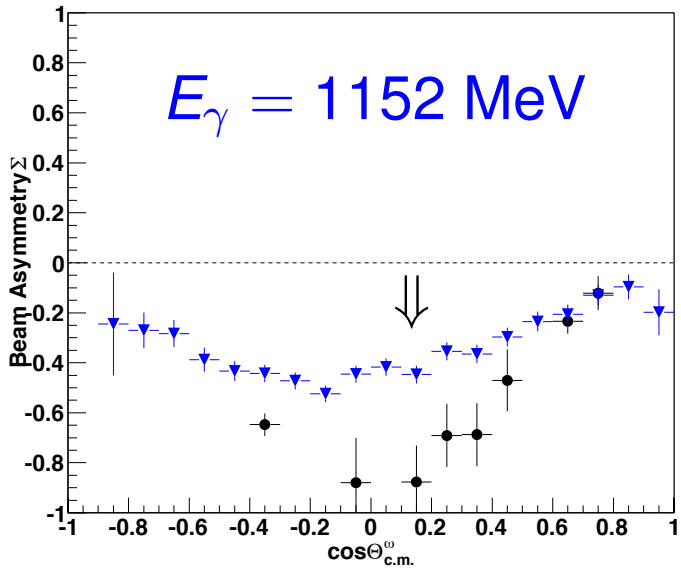


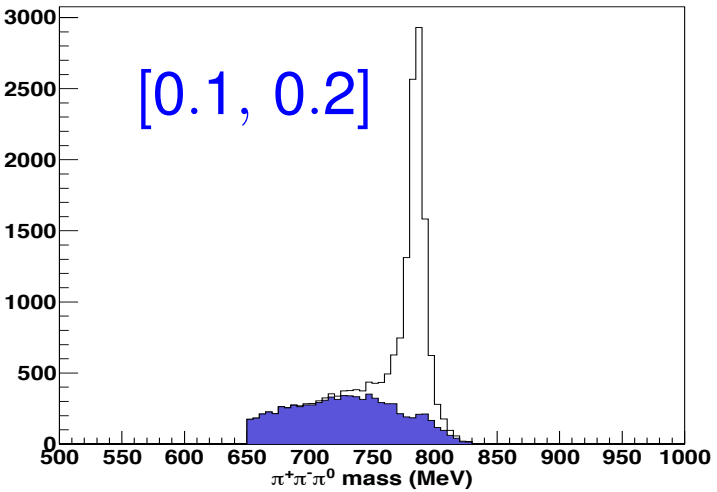
- Looks like ASU sees rapid change

➜ FSU does not see rapid change at threshold.

Energies where comparison is possible





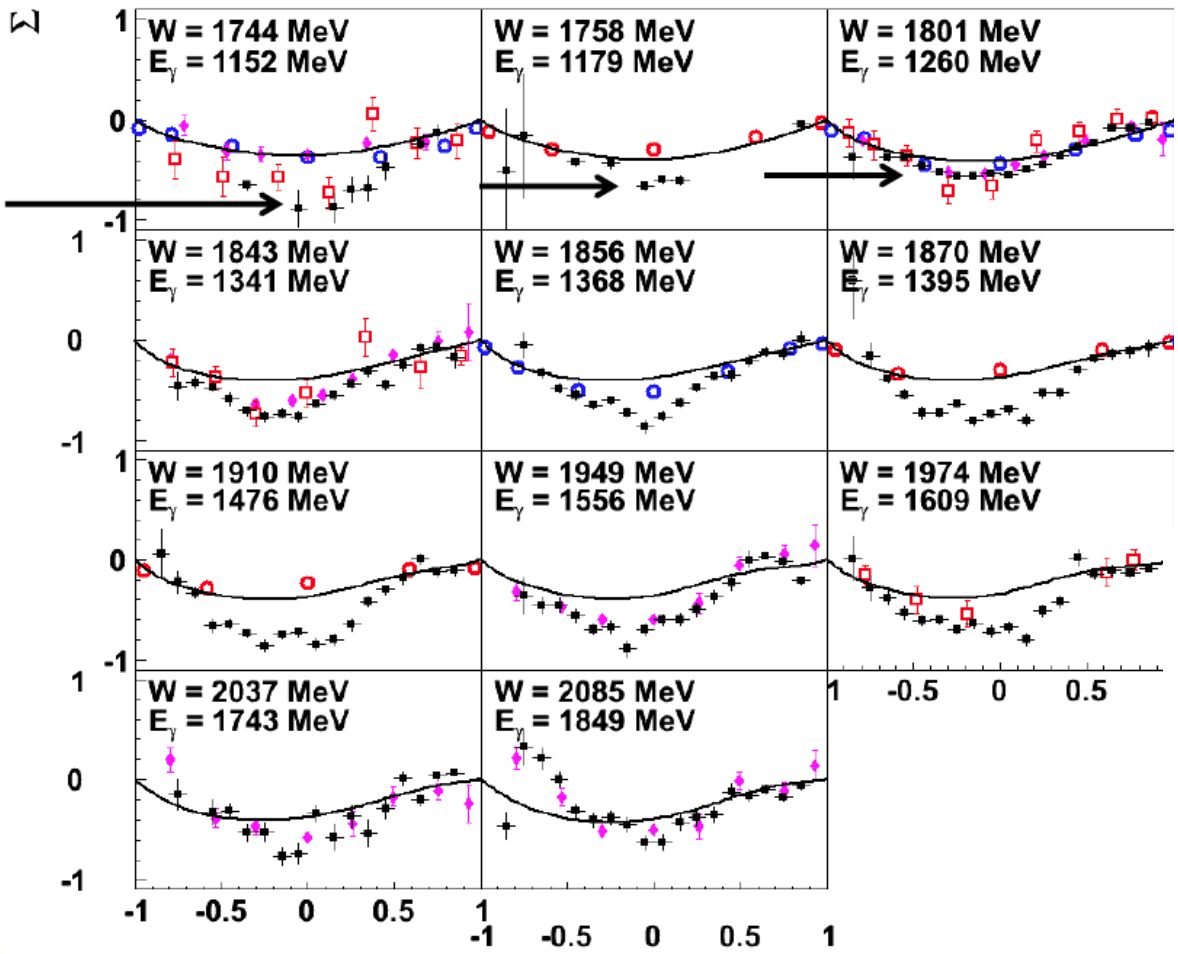


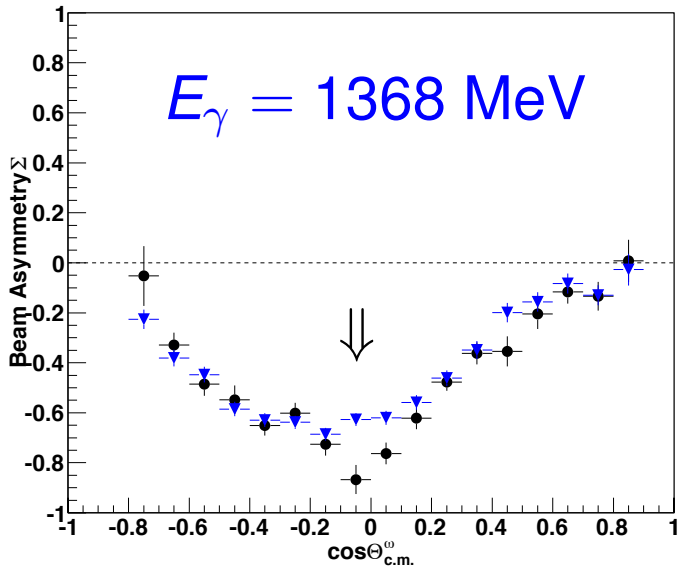
- Looks like ASU sees rapid change

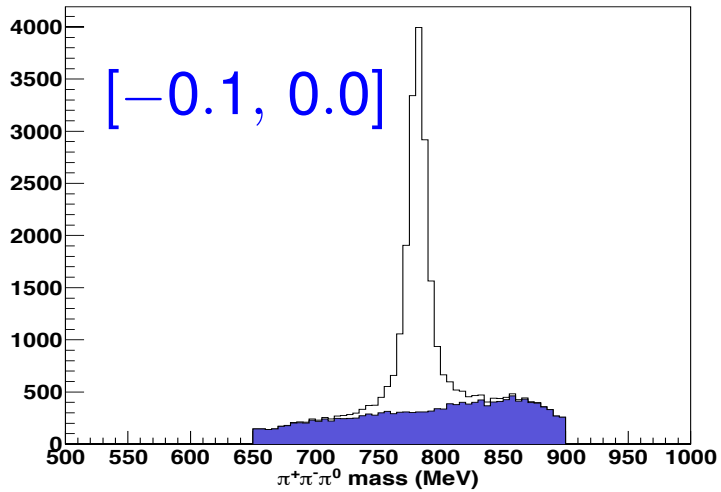
➜ FSU does not see rapid change at threshold.

Comparison of ASU & FSU g8b Results

Energies where comparison is possible

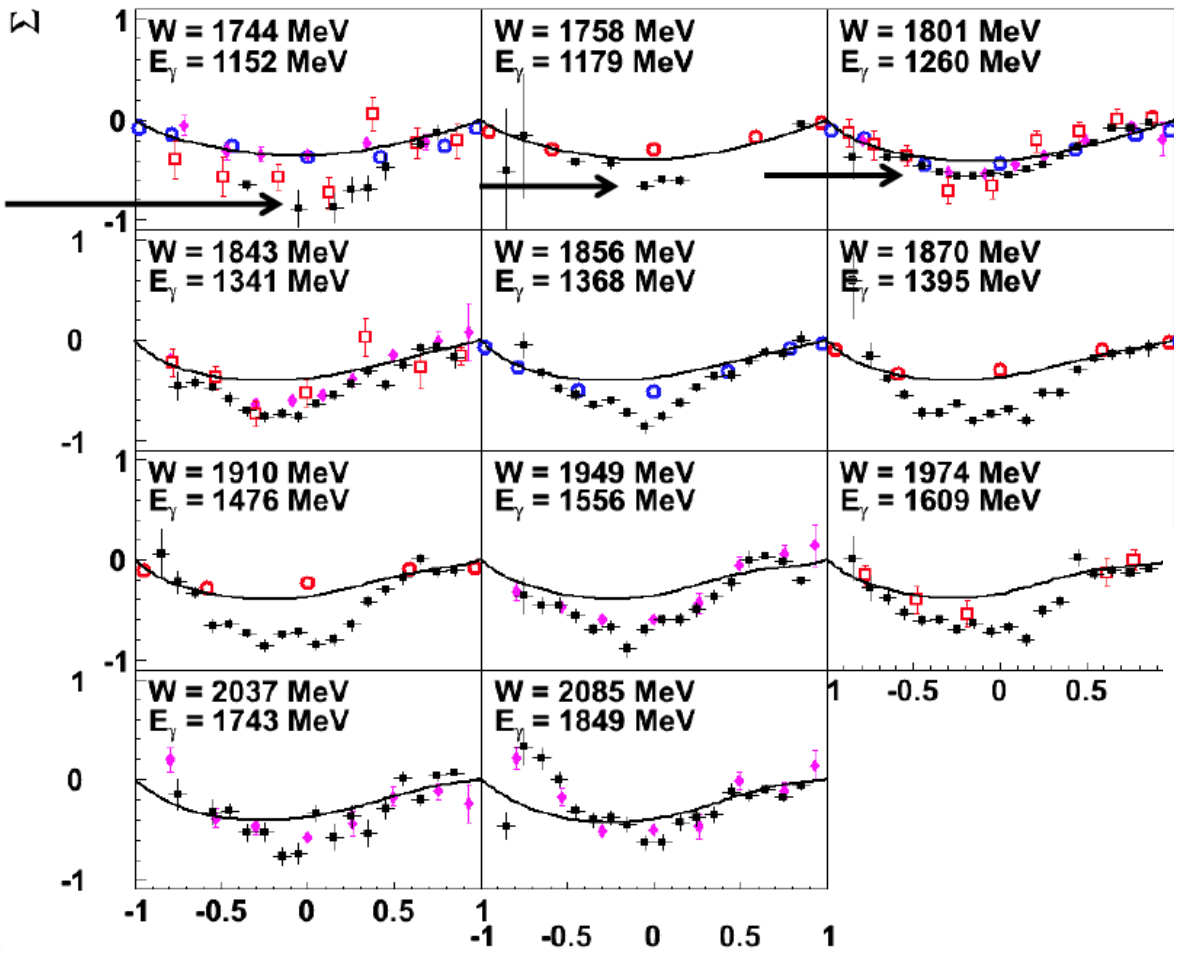


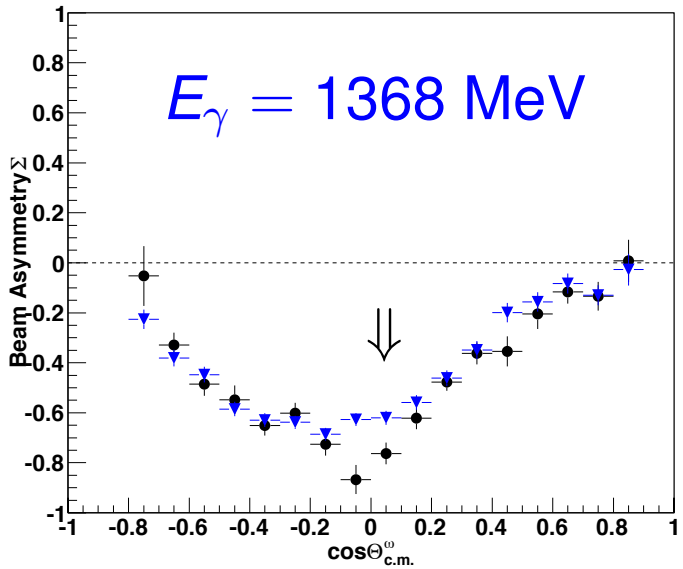


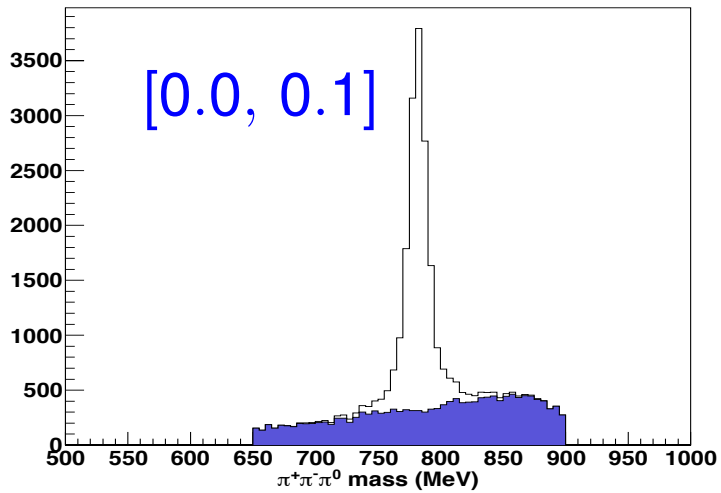


- Looks like ASU sees rapid change

Energies where comparison is possible

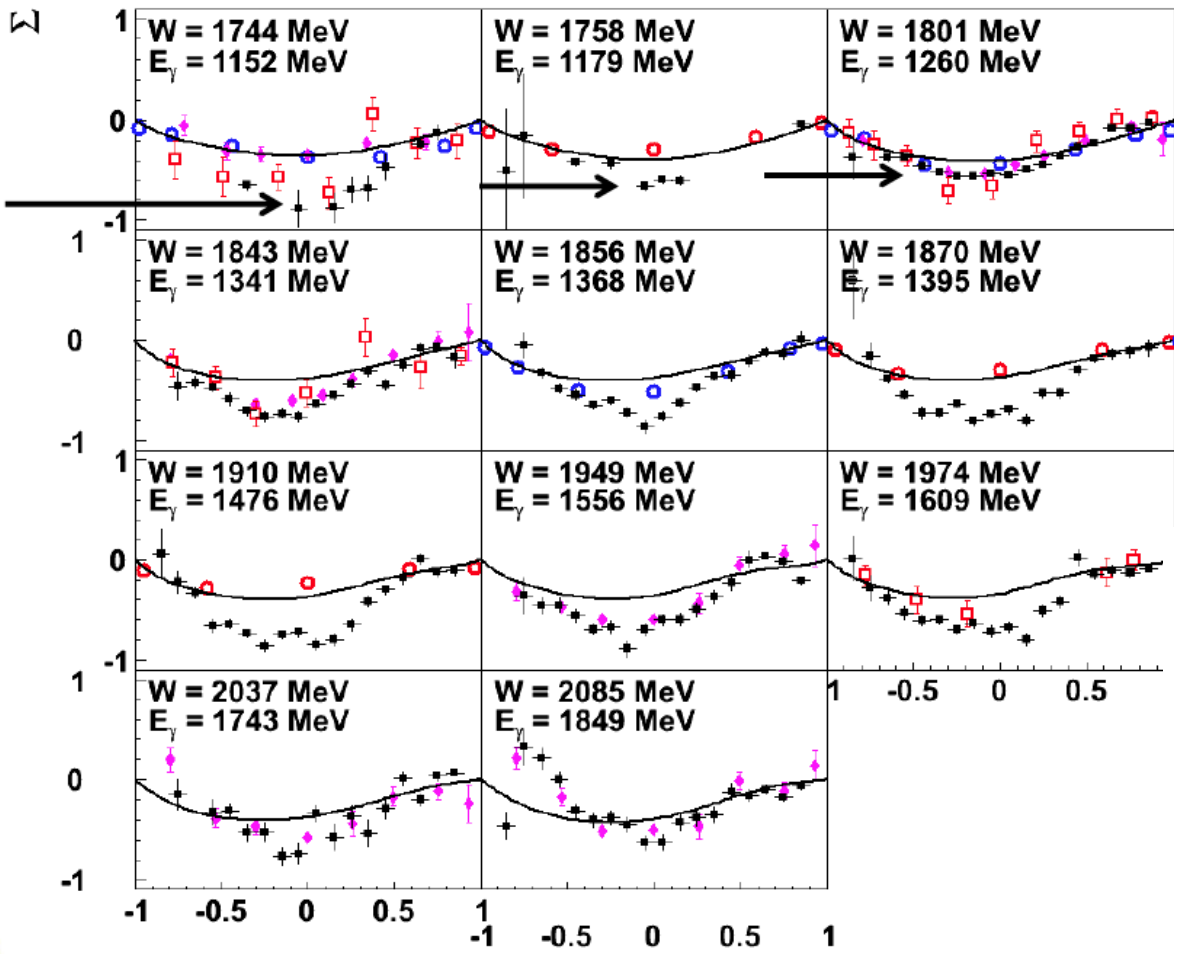


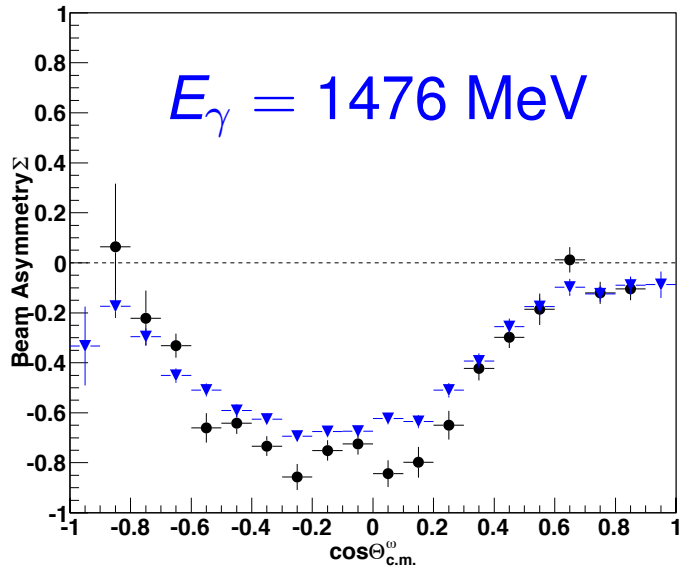


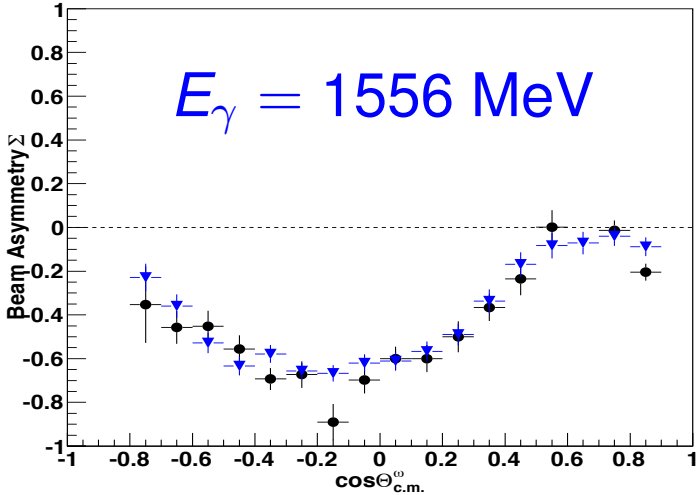


- Looks like ASU sees rapid change

Energies where comparison is possible

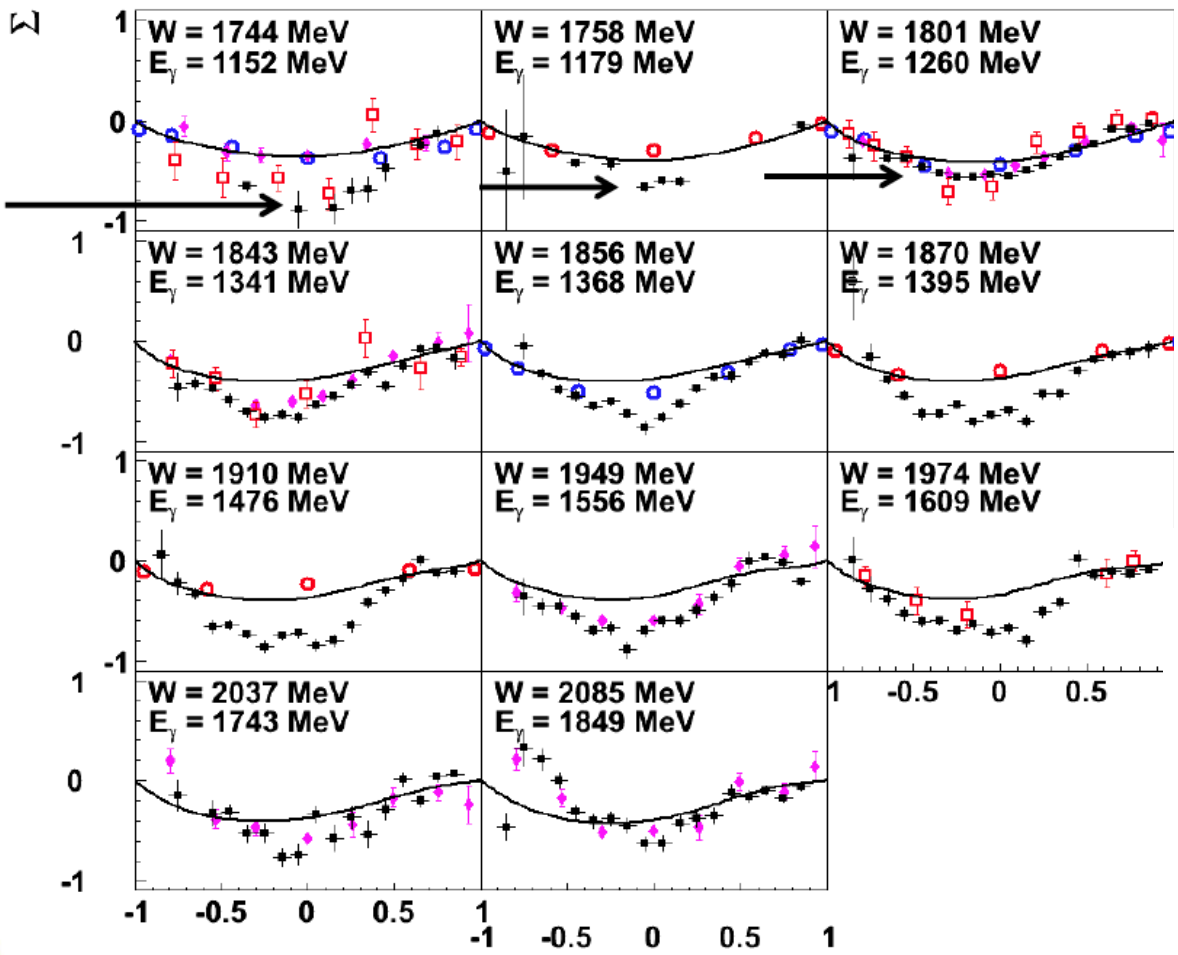


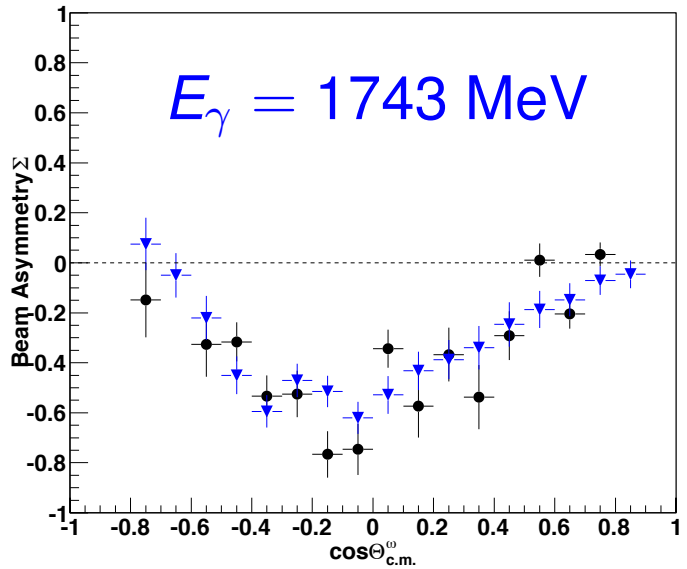


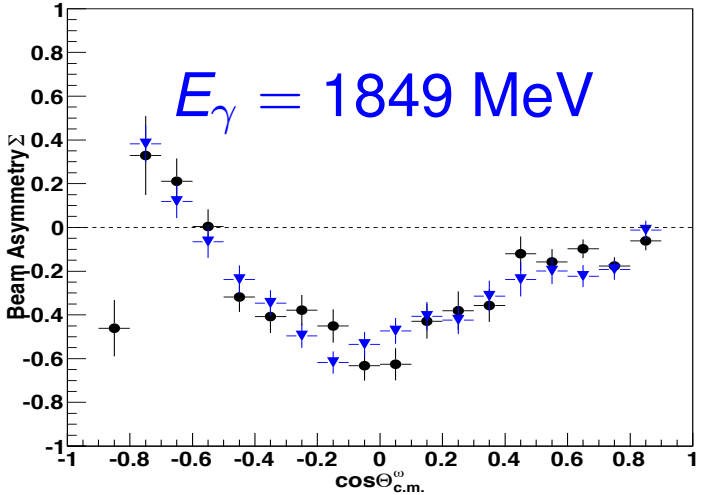


- Looks like ASU sees rapid change

Energies where comparison is possible







- Looks like ASU sees rapid change

➜ FSU sees fewer fluctuations.