

# March 2011 IAC Run

Data Analysis Using Correct TDC Calibration

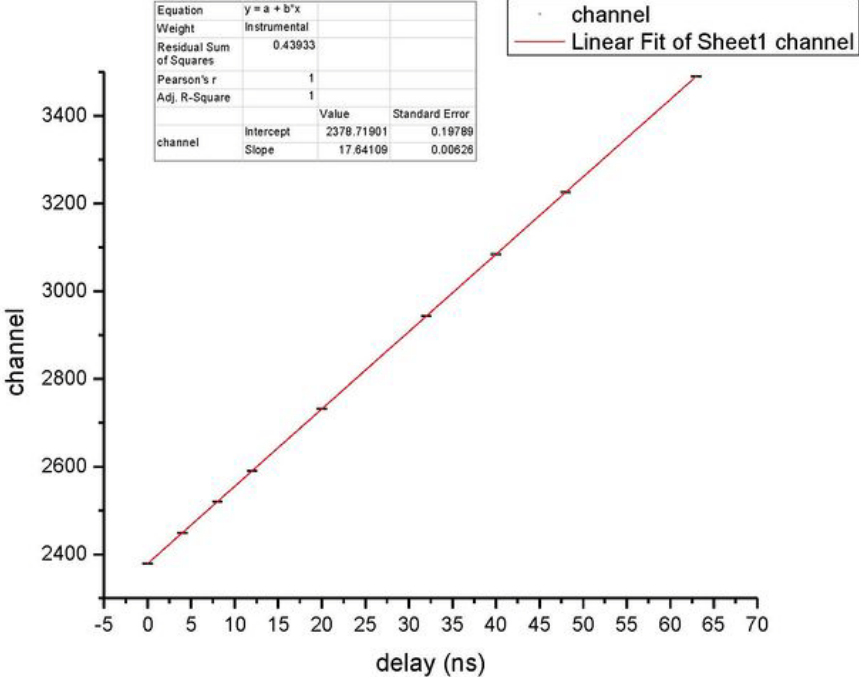
# TDC Calibration

Old calibration:

0.1220703 ns/channel

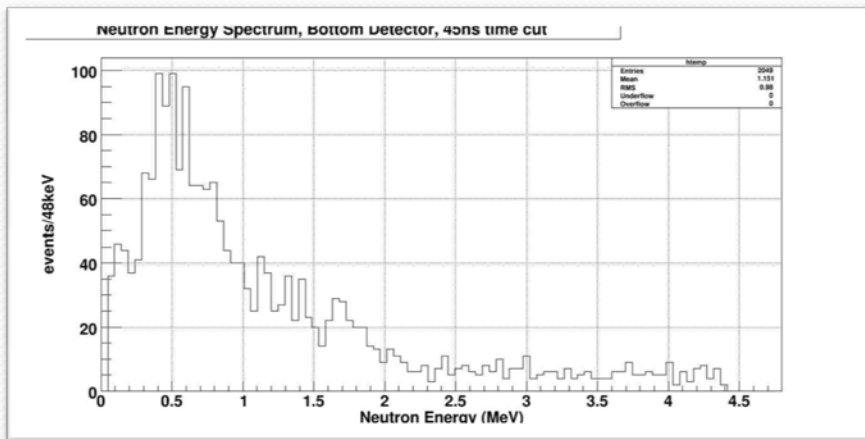
New Calibration:

0.0566858 ns/channel

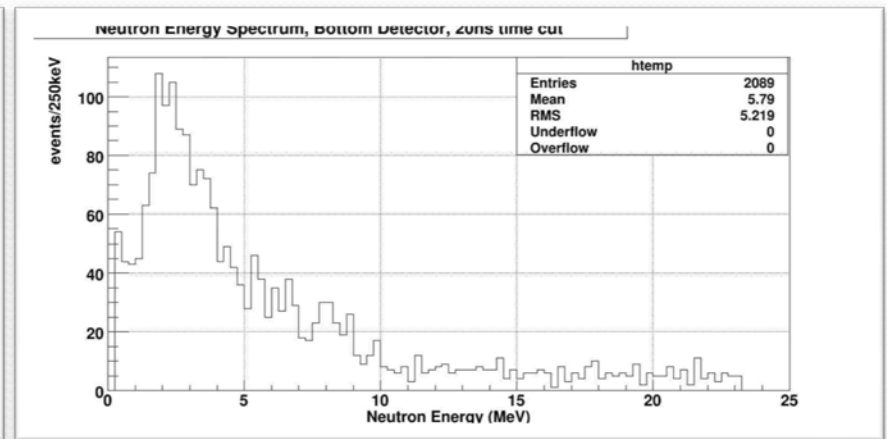


# Neutron Energy Spectrum, Bottom Detector

## Old TDC Calibration

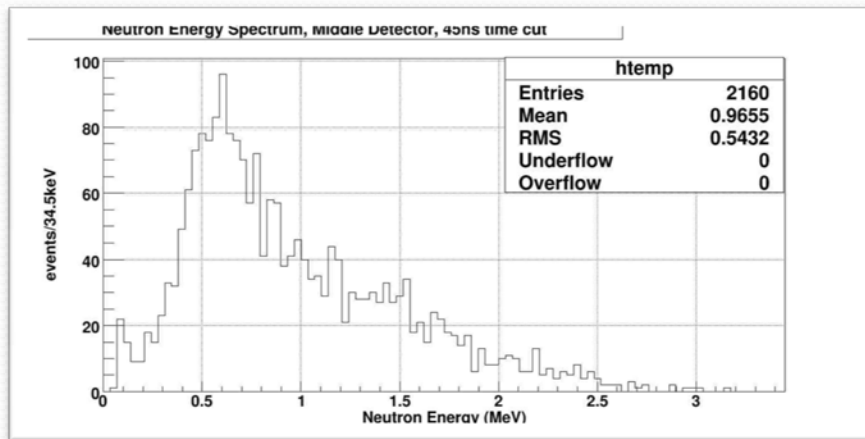


## New TDC Calibration

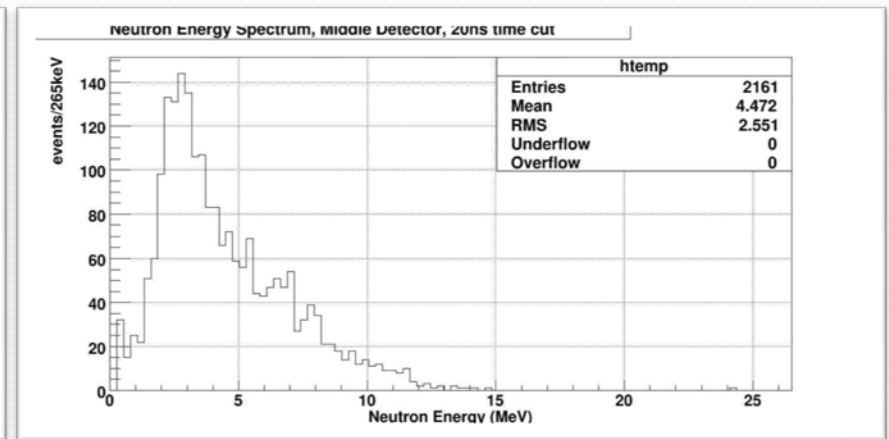


# Neutron Energy Spectrum, Middle Detector

## Old TDC Calibration

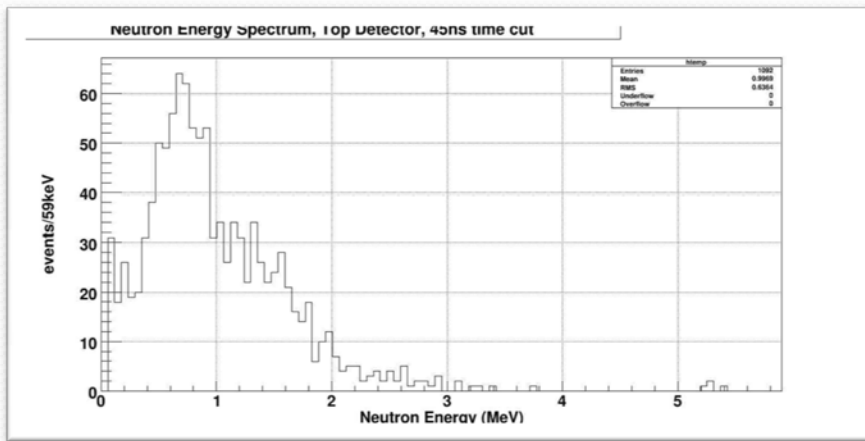


## New TDC Calibration

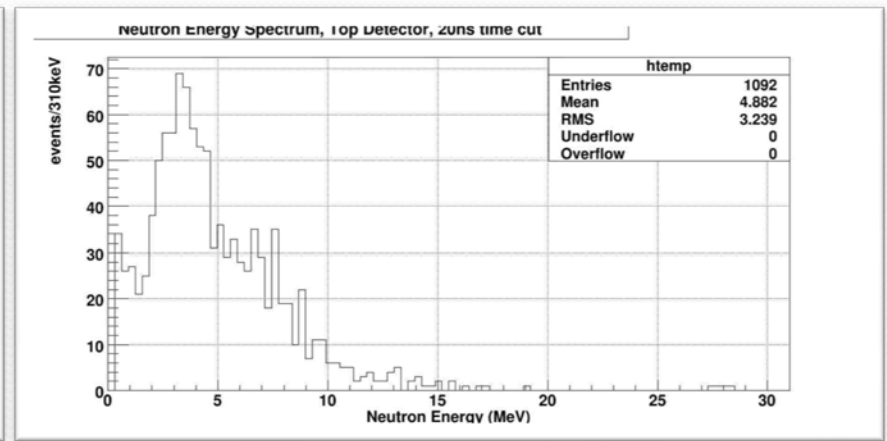


# Neutron Energy Spectra, Top Detector

## Old TDC Calibration

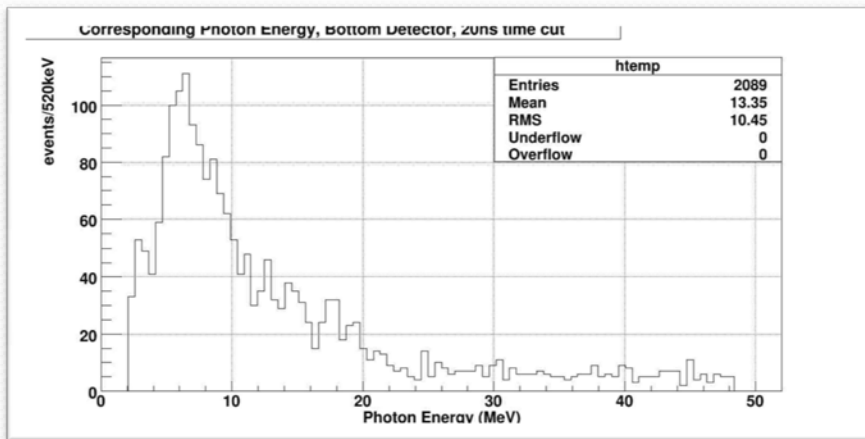


## New TDC Calibration

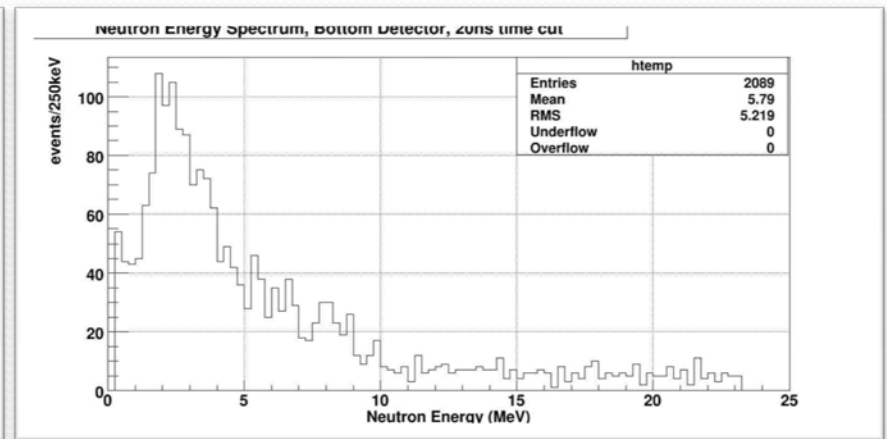


# Corresponding Photon Energy, Bottom Detector

## Photon Energy Spectrum

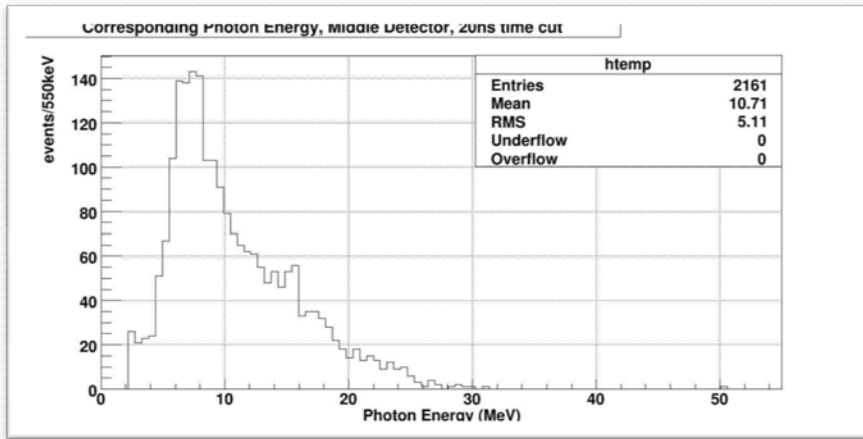


## Neutron Energy Spectrum

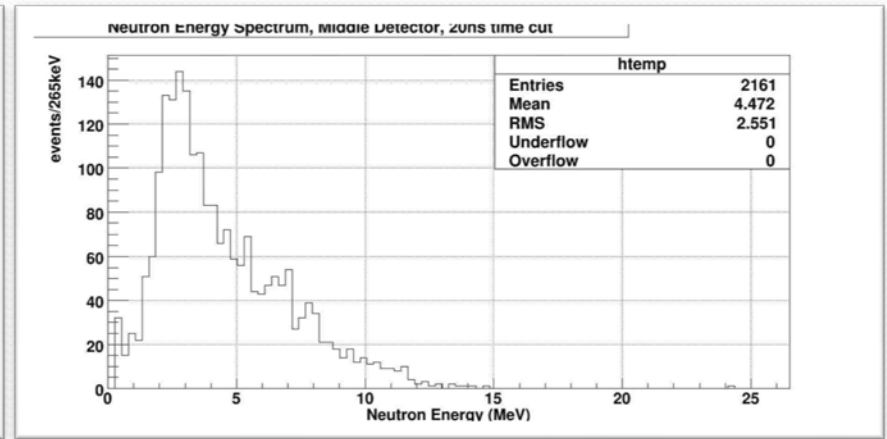


# Corresponding Photon Energy, Middle Detector

## Photon Energy Spectrum

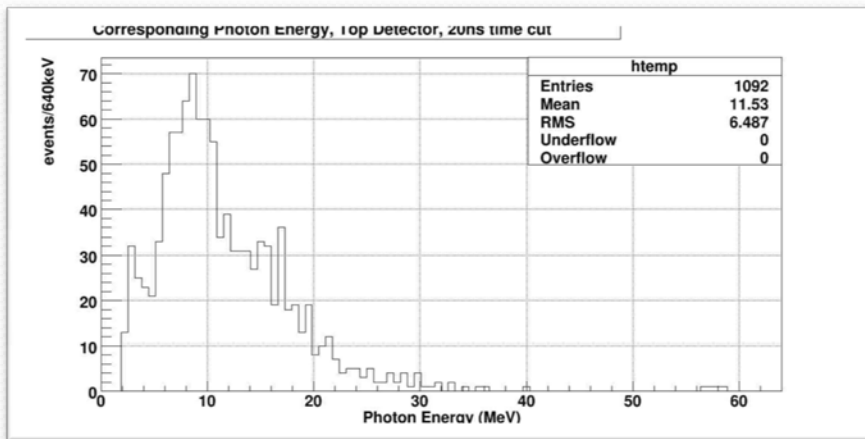


## Neutron Energy Spectrum

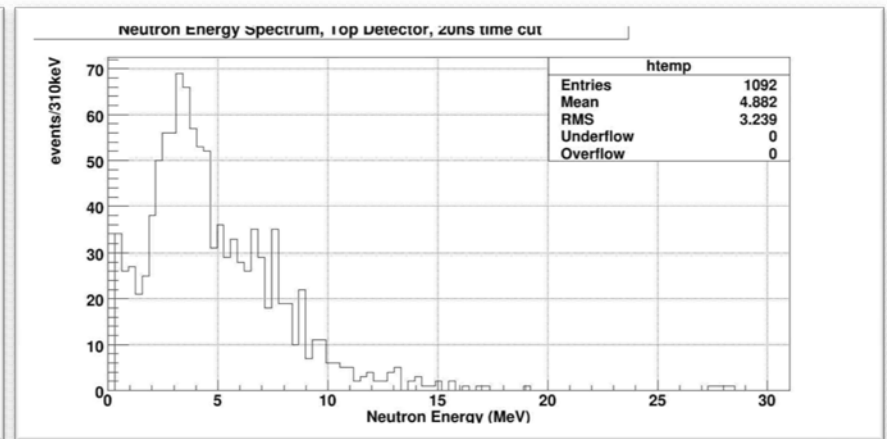


# Corresponding Photon Energy, Top Detector

## Photon Energy Spectrum



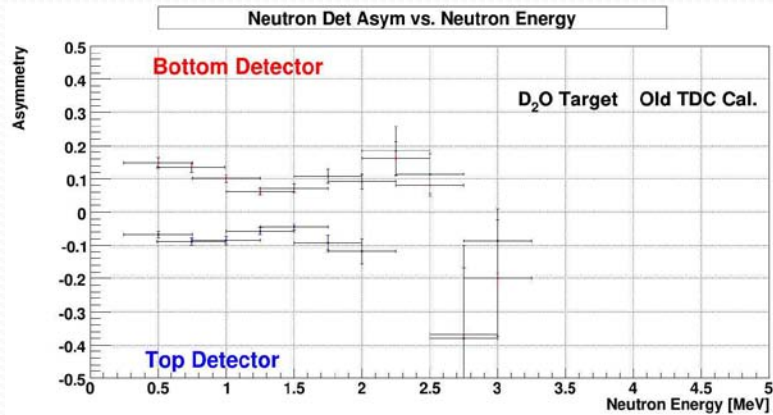
## Neutron Energy Spectrum



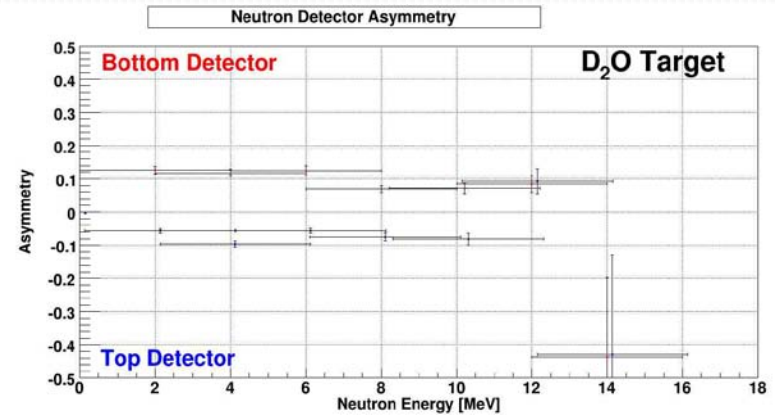


# Asymmetry (bin-by-bin)

## Old TDC Calibration

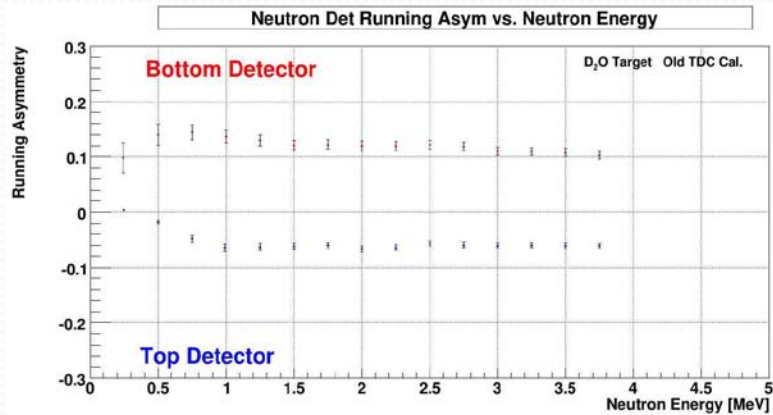


## New TDC Calibration



# Running Asymmetry

## Old TDC Calibration



## New TDC Calibration

