

Progress Update

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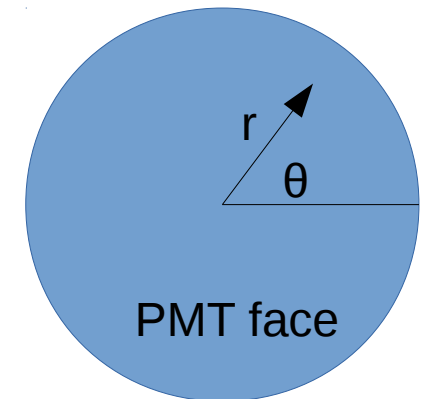
mPMT Progress (Last Week Reminder)

- Looked at NHits on single 3" PMT as a function of radius
 - compare this to NHits on centre PMT in mPMT at same radius
- 100,000 events
- In WCSim code, PMT has radius of 40 mm

Source Radius (mm)	single PMT	mPMT (middle PMT only)
34	98580	98785
35	98578	98745
36	98379	95977
37	98018	90936
38	97651	86324

mPMT Progress

- Currently writing code to plot 2D histogram of NHits on front facing PMT in mPMT
 - radius vs. angle



- Simulated 10^6 events with 40mm radius source
- Compare mPMT with single PMT
- Should be finished sometime tomorrow

Progress on Theo's Code

- Now have image files of rings
- Next step is to run Tensorflow with these images