

# Standard Plots for comparison of different TPPT configurations

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# Where I pulled these suggestions from

- Previous lists given to me (dating back all the way to fall 2018)
- Current objectives of TPPT

# Optical Photon Graphs

- Photon time over all events (check for decay time)
- Position Distribution (projections onto both axes of detector, looking at stds)
- Timing Distribution (for 2 gamma setup after nth photon is decided)
- Depth of Interaction Distribution (Event by event, vs gamma interaction depth)
- Photon position around the array continuously, and with discrete bins (detector face 8x8)

# Secondary Particle Graphs

- Energy Deposition per Process (secondary energy, still have problem of energy discrepancy)
- Process frequency (bar graph of varying categories)

# Gamma Graphs

-# of photons generated per event (includes gamma efficiency)