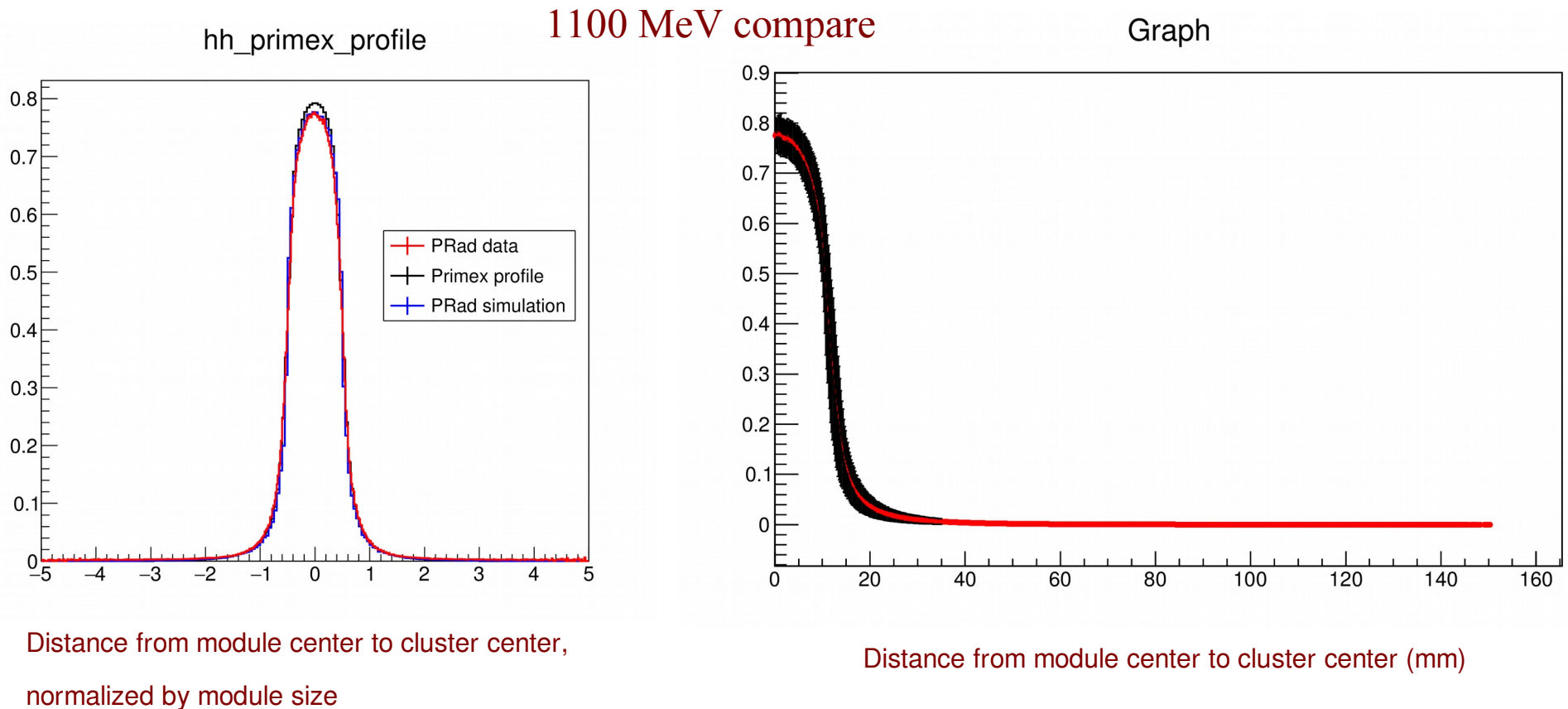


Cluster profile compare

- No radiative correction, shoot beam directly on HyCal
- For crystal, start from 0.1mm, bin width = 0.2mm. e.g. 0.1mm bin represents (0.1mm-0.1mm, 0.1mm+0.1mm)
- For lead glass, start from 0.2 mm, bin width = 0.4mm.
- For each energy bin, 200MeV, 300MeV, 400MeV, ..., 2200MeV, simulate 100k events.
- Frac = Mean, error = RMS



Cluster profile compare

Crystal vs lead glass

