

# New PMT Bases

- High Anode current expected from high-luminosity running.
- Resistive base with transistor stabilization of last 2-3 dynodes
  - Designed and tested
- Studying option of Cockcroft-Walton DC transformer base
- Design from BNL  $A_N$ DY and JLab RadPhi experiments
  - No HV cabling required
  - Lower current draw, lower power.

# A<sub>N</sub>DY PMT Base

- Dynodes fed from Cockcroft-Walton stages.
- No resistive divider.
- Stabilization via digital feedback (not shown).

