

Joint UCLC/LCRD Proposal

- 11/6/03 - review by Bob Wilson (Colo. State) - minor revisions

"The work described here is the only ALCPG muon system effort. Work at Colorado State on avalanche photodiode readout for scintillation light and European work on resistive plate chambers are complementary to this work."

"The punch-through probability is given by dividing by 700, the number of trials per momentum bin."

- 11/22/03 - proposal submitted to George Gollin
- 12/5/03 - WSU proposal submitted to DOE - just in time!
- 12/11 - 12/13/03 - DOE LCRD review panel meets at Fermilab - detector committee chaired by Howard Gordon (BNL)

Status of PMT work at WSU

- PMT order placed:
 - (3) H7546B: 64-channel, includes base, \$1750 each
 - (2) H8711: 16-channel, includes base, \$1369 each
- QVT repaired thanks to Fermilab PREP
- undergrad student - Marcel Leonard
- near-term plan:
 - recalibrate QVT
 - measure MINOS MAPMT response to red LED pulses
 - decide on test protocol - what properties to measure
- early 2004:
 - test 5 tubes
 - coordinate with ND on fiber connection
 - coordinate with UCD on signal readout, HV bias