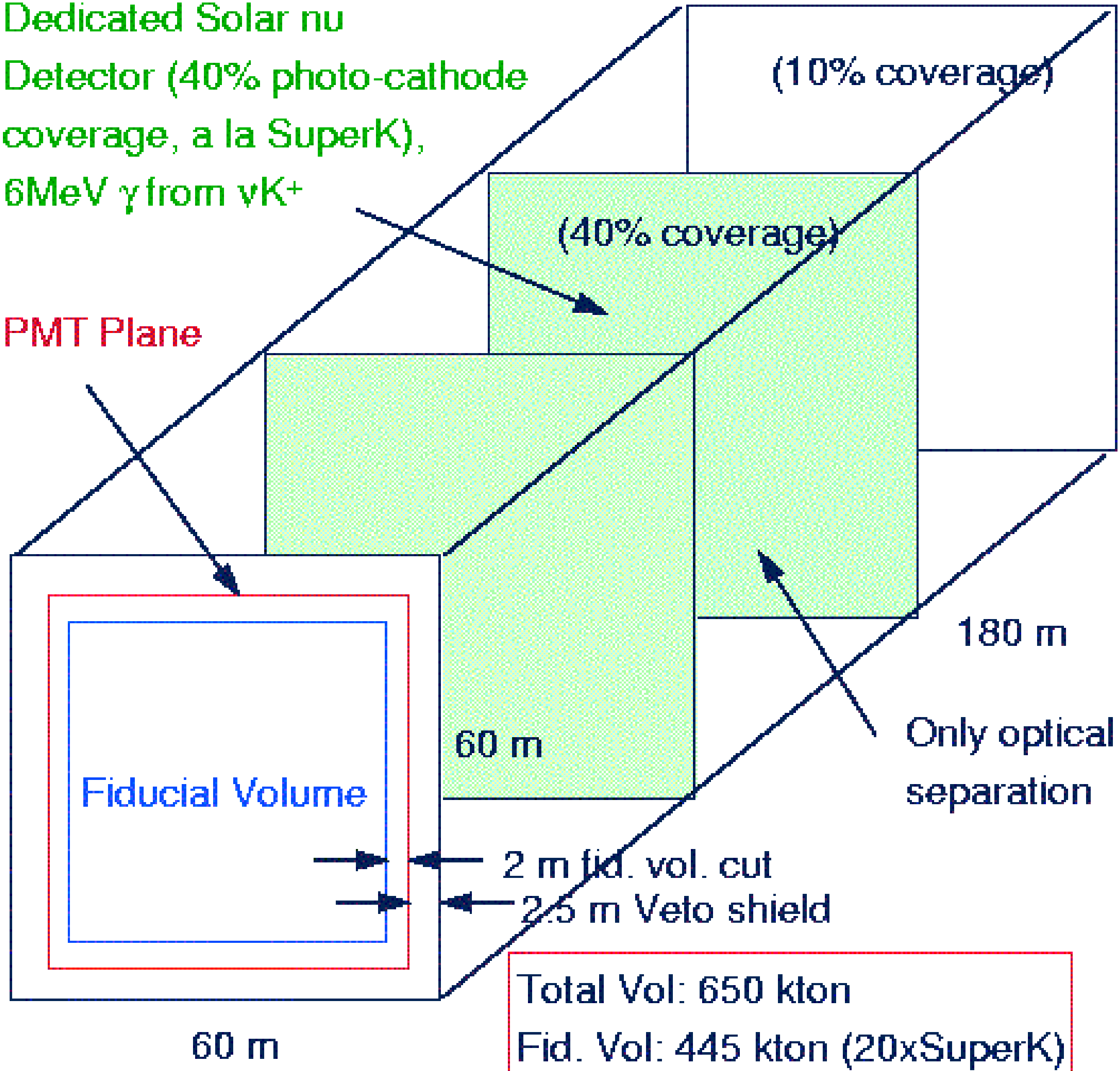

Dedicated Solar nu Detector (40% photo-cathode coverage, a la SuperK), 6MeV $\gamma$ from $\nu K^+$

PMT Plane

(10% coverage)

(40% coverage)

Fiducial Volume

2 m fid. vol. cut

2.5 m Veto shield

60 m

60 m

180 m

Only optical separation

Total Vol: 650 kton

Fid. Vol: 445 kton (20xSuperK)

$r_\nu = 0.69$

# of 20" PMTs: 56,000

(1/2 of all 40% coverage case)

# of 8" PMTs: 14,900