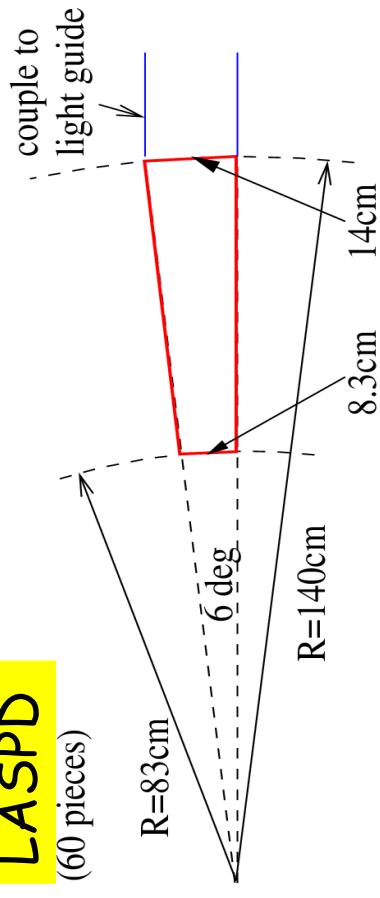


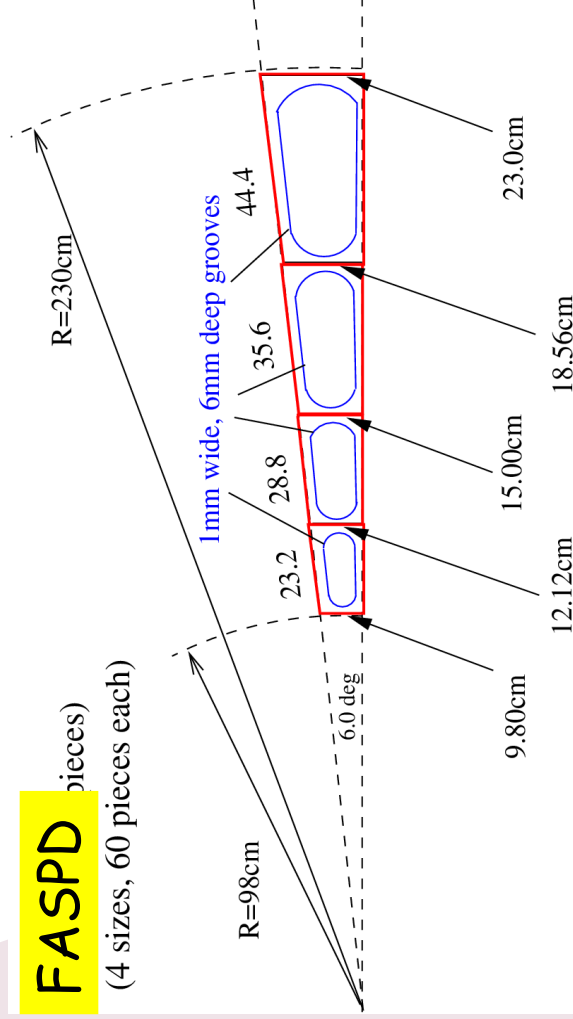
SOLID Scintillator Pad Detector (SIDIS only)

LASPD: Provide primary photon rejection 5:1; combine with RF bunch to provide primary TOF (150ps preferred) → design: 20mm-thick Eljen EJ-200 scintillators, 60 azimuthal segments, direct coupling at the outer radius to fine-mesh PMT through light guides.

LASPD
(60 pieces)



FASPD
(4 sizes, 60 pieces each)



FASPD: Provide photon rej 5:1, secondary to MRPC → design: 5mm-thick Eljen EJ-200 scintillators, 240 segments (60 azimuthal, 4 radial), WLS fiber embedding, MAPMT readout outside the magnet.