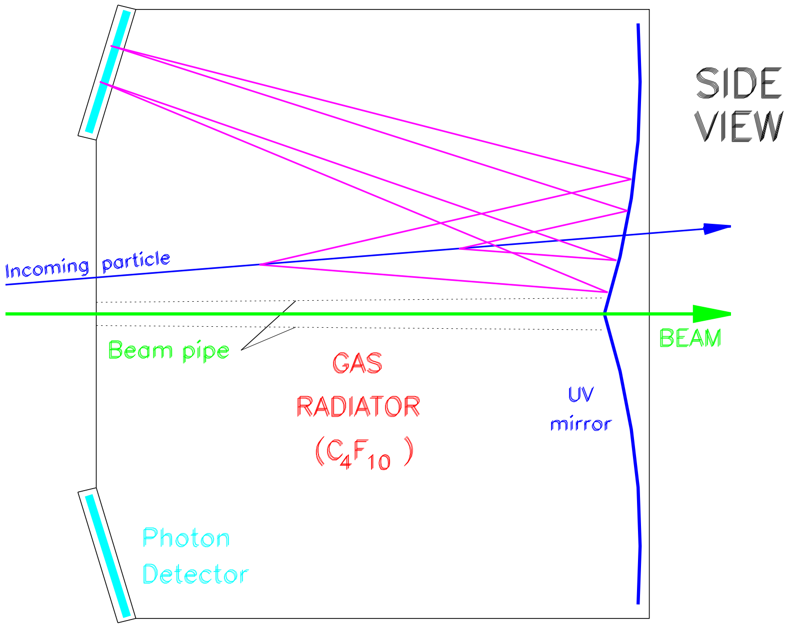
COMPASS RICH 1



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- **radiator :** C_4F_{10} , length: $\sim$ 3 m
- **mirrors** :
  spherical, focal length: 3.3 m,
  reflectance > 80% for λ > 165 nm,
  total surface: (5.3 * 4) m^2
- **photon detectors: MWPC's with CsI photocathodes**,
  out of spectrometer acceptance,
  total active surface: 5.3 m^2
- **read-out electronics** :
  analog read-out
  (mainly for good efficiency),
  83 K channels in total,
  av. expected occupancy: $\sim$ 5 % ,
  total maximum data flux:
  2.5 GB / sec in spill