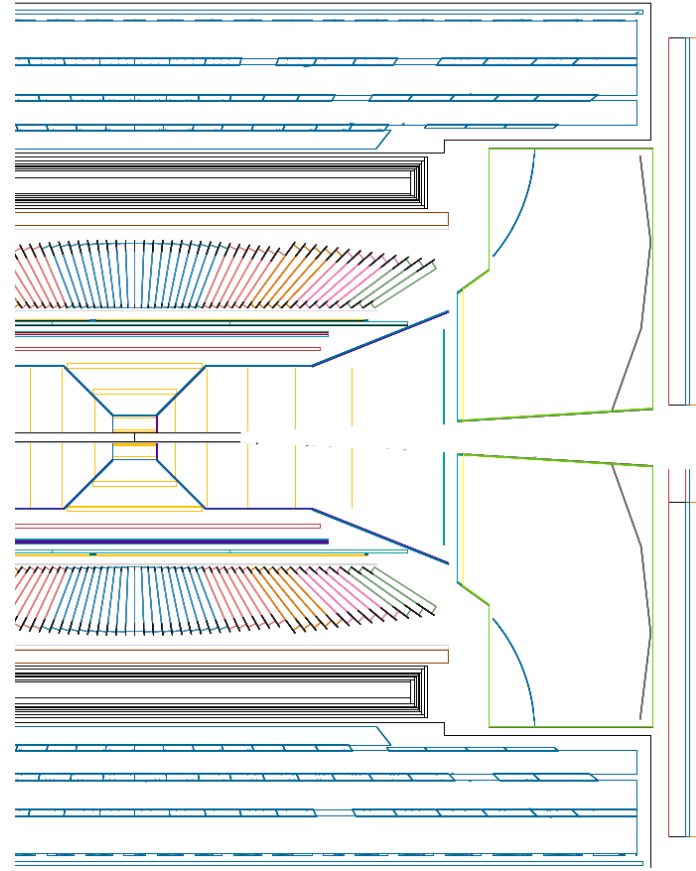
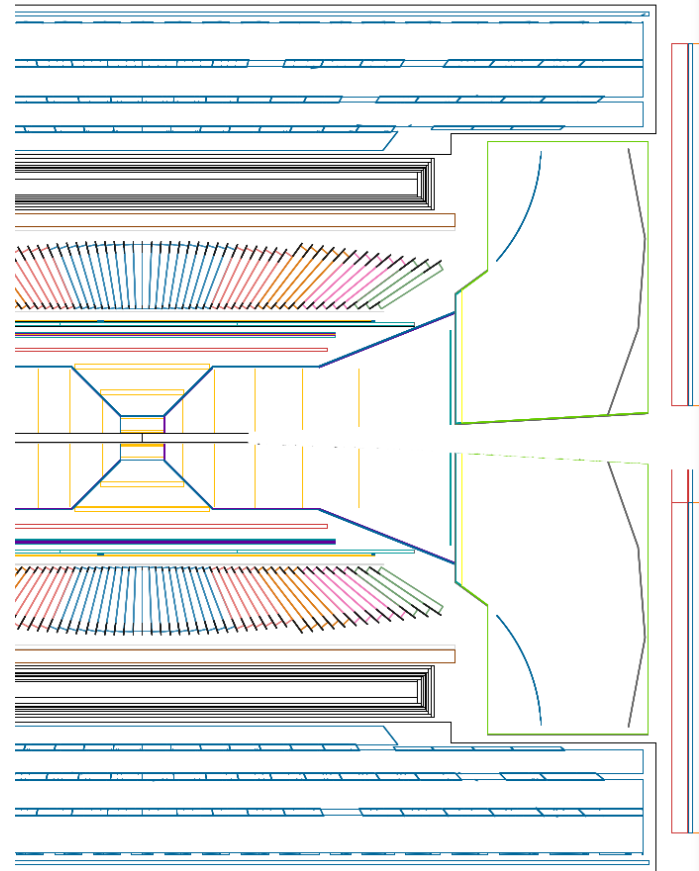


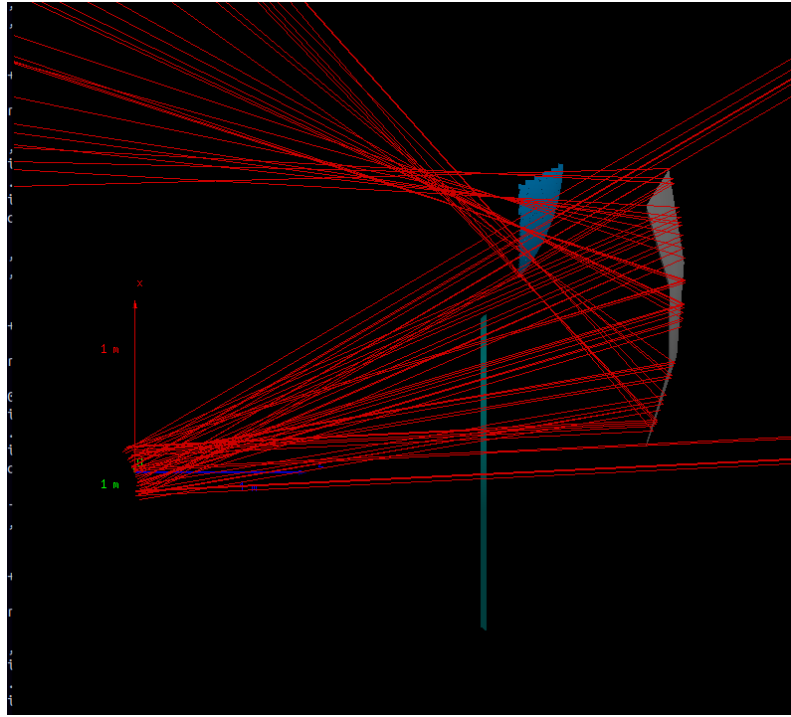
# dRICH update

**Chandradoy Chatterjee**

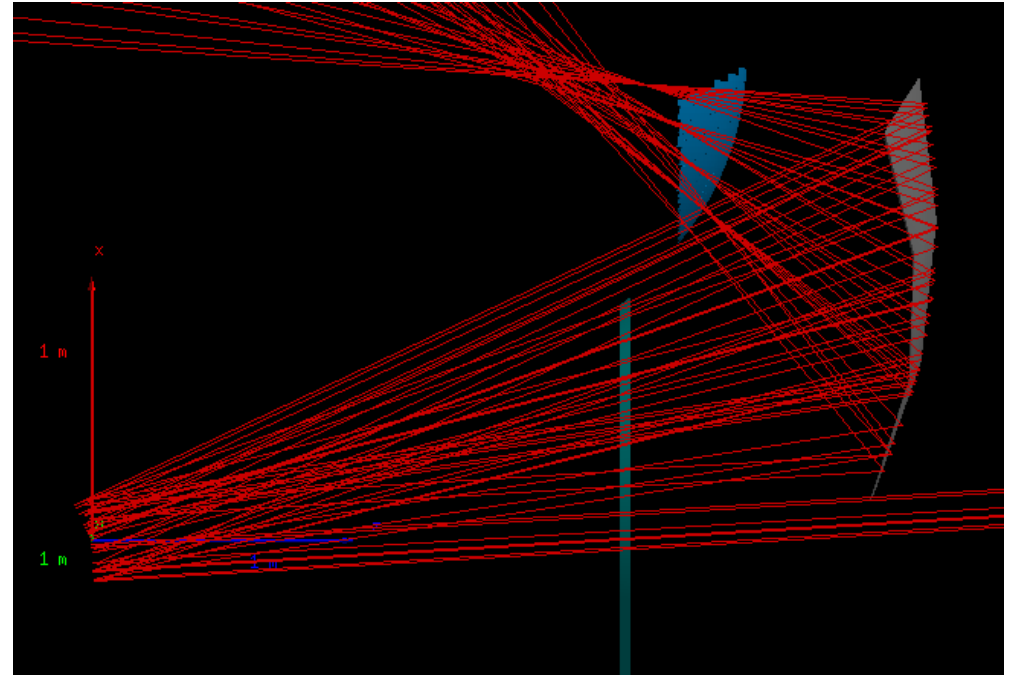
# Old and New envelope



# Optical photons scan

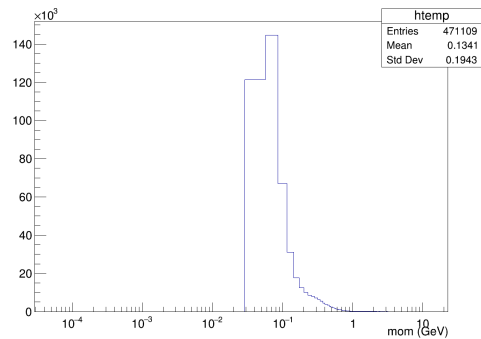
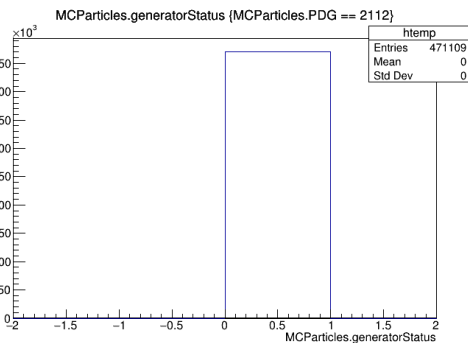
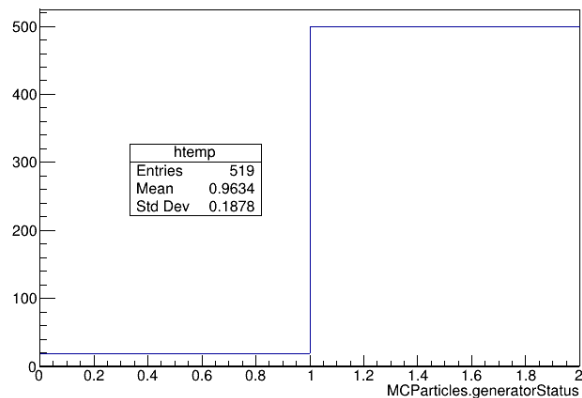
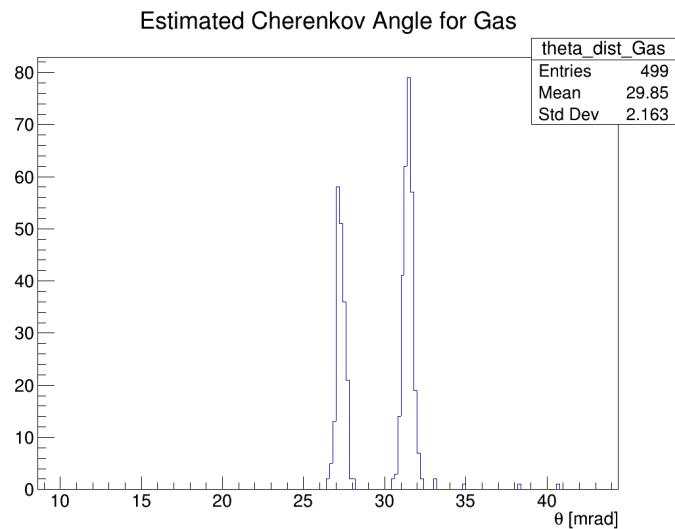
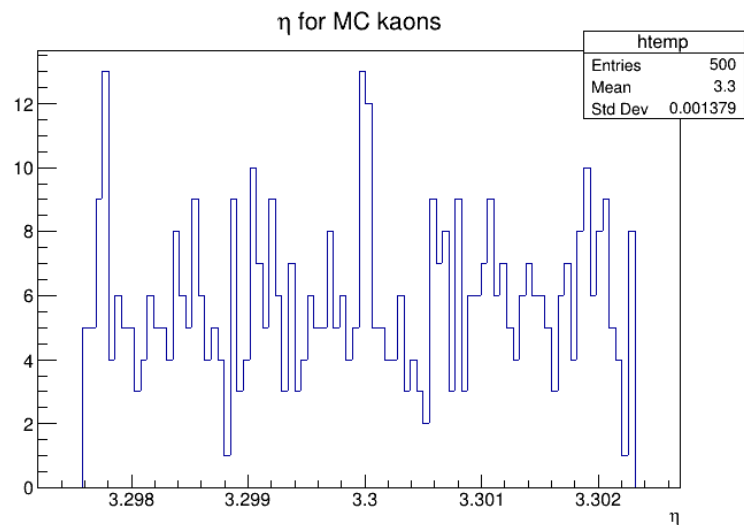


Nom optics



Changed (bad) optics

# Results w/ new (bad) optics tuning



# Results w/ new envelope and nominal optics

DRICH_aerogel_zpos	=	202.10 cm
DRICH_airgap_zpos	=	204.101cm
DRICH_length	=	122.000 cm
DRICH_mirror_radius	=	227.615 cm
DRICH_mirror_center_x_sec0	=	113.840 cm
DRICH_mirror_center_y_sec0	=	0 cm
DRICH_mirror_center_z_sec0	=	93.285 cm
DRICH_rmax2	=	180 cm = ForwardPIDRegion_rmax
DRICH_rmin0	=	10 cm
DRICH_rmin1	=	17.6 cm
DRICH_zmax	=	322 cm = DRICH_zmin + DRICH_length
DRICH_zmin	=	200 cm = ForwardRICHRegion_zmin + ForwardRICHServiceGap
DRICH_sensor_sph_center_x_sec0	=	183.4 cm
DRICH_sensor_sph_center_y_sec0	=	0
DRICH_sensor_sph_center_x_sec0	=	138.4 cm
DRICH_sensor_sph_radius	=	110. cm

# Results w/ new envelope and nominal optics

