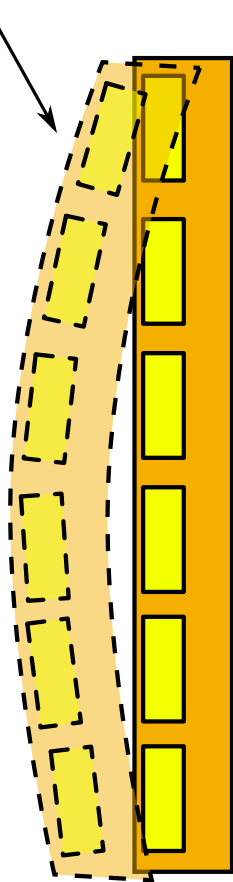
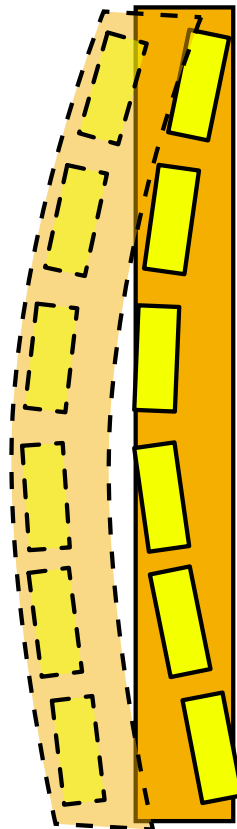


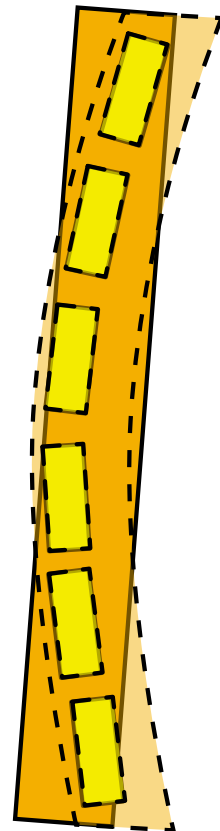
real positions geometry in CMSSW



initial
configuration
(ideal geometry
in CMSSW)



align chambers
to each other
on a given disk with
beam-halo/cosmics



align disks as
rigid bodies
with 1 pb^{-1}