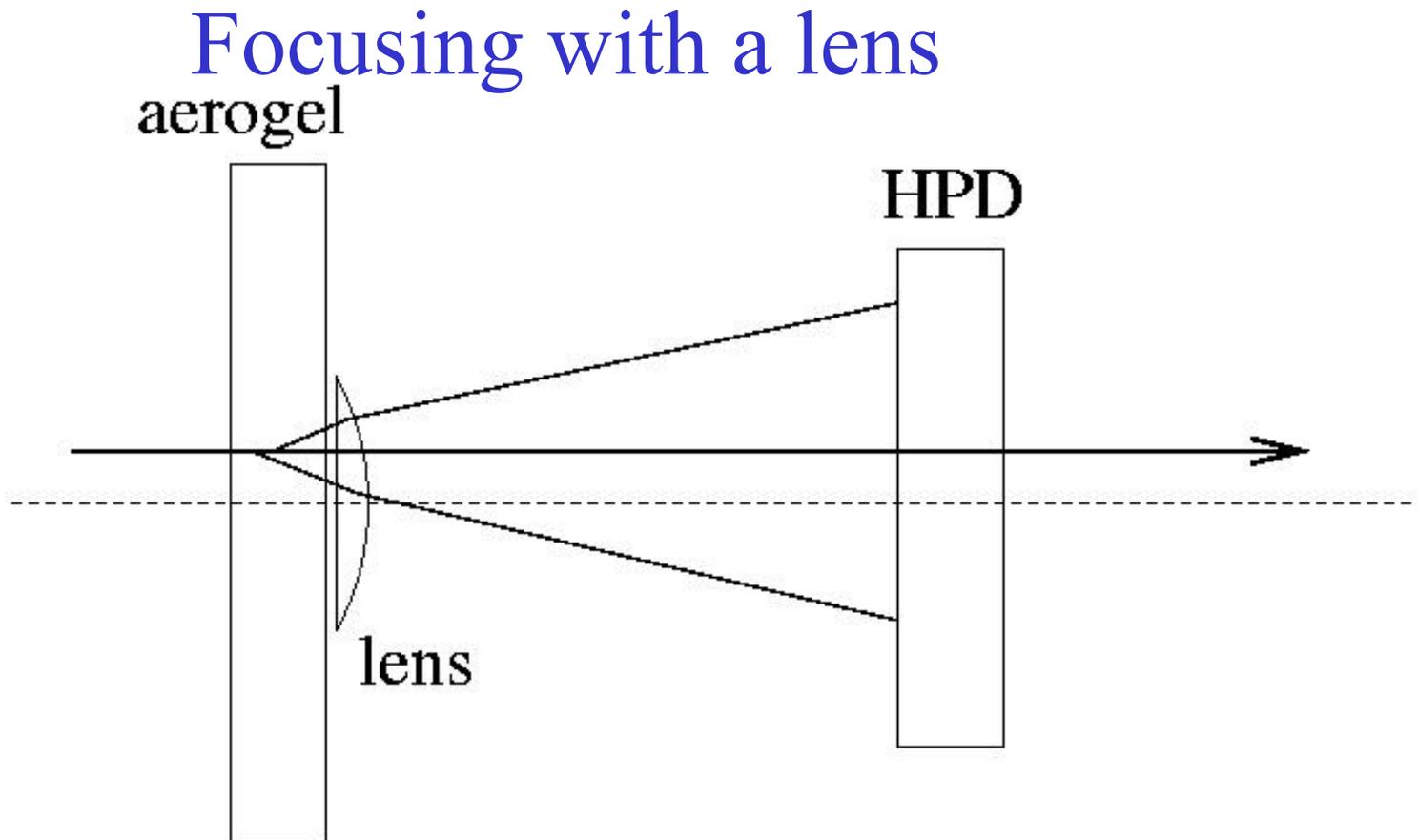
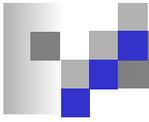


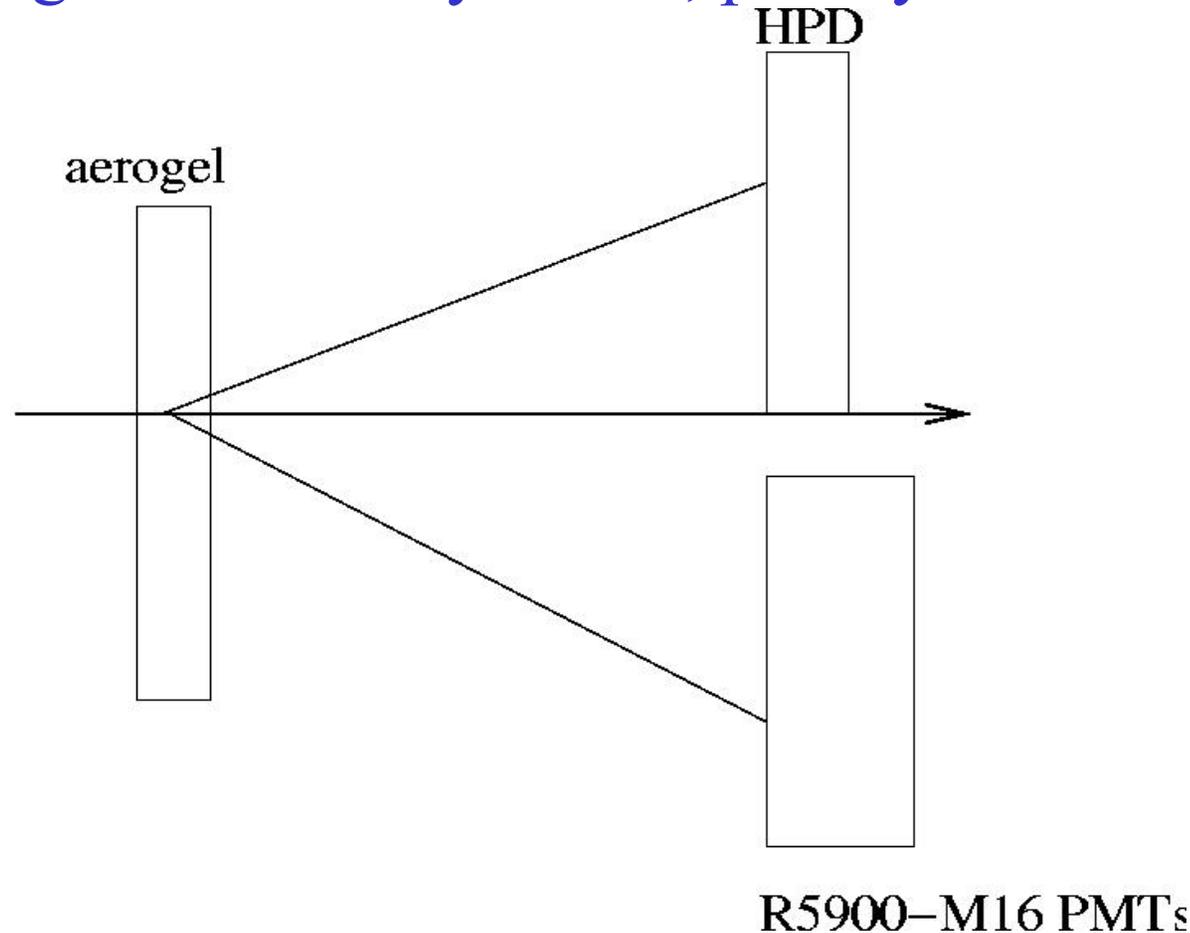
Rings with a lens for the beam test



To get the full ring on the HPD, we need a lens with f of about 10cm – we have it already!



Same set-up, version without the lens: use PMTs as a reference, measure in parallel, part of the ring is covered by PMTs, part by HPD.





Advantages:

In the same set-up it is possible
(with minimal modifications) to

- compare the investigated photon detectors

- image full rings on the new photon detector

Experience with such an arrangement

When R5900-M16 multianode PMTs were a new, not yet well tested device, we have used a CsI based photosensitive MWPC to determine PMT efficiency.

CsI chamber was used to determine the lower part of the Cherenkov ring, while a short segment of the ring was covered by the MA-PMT.

