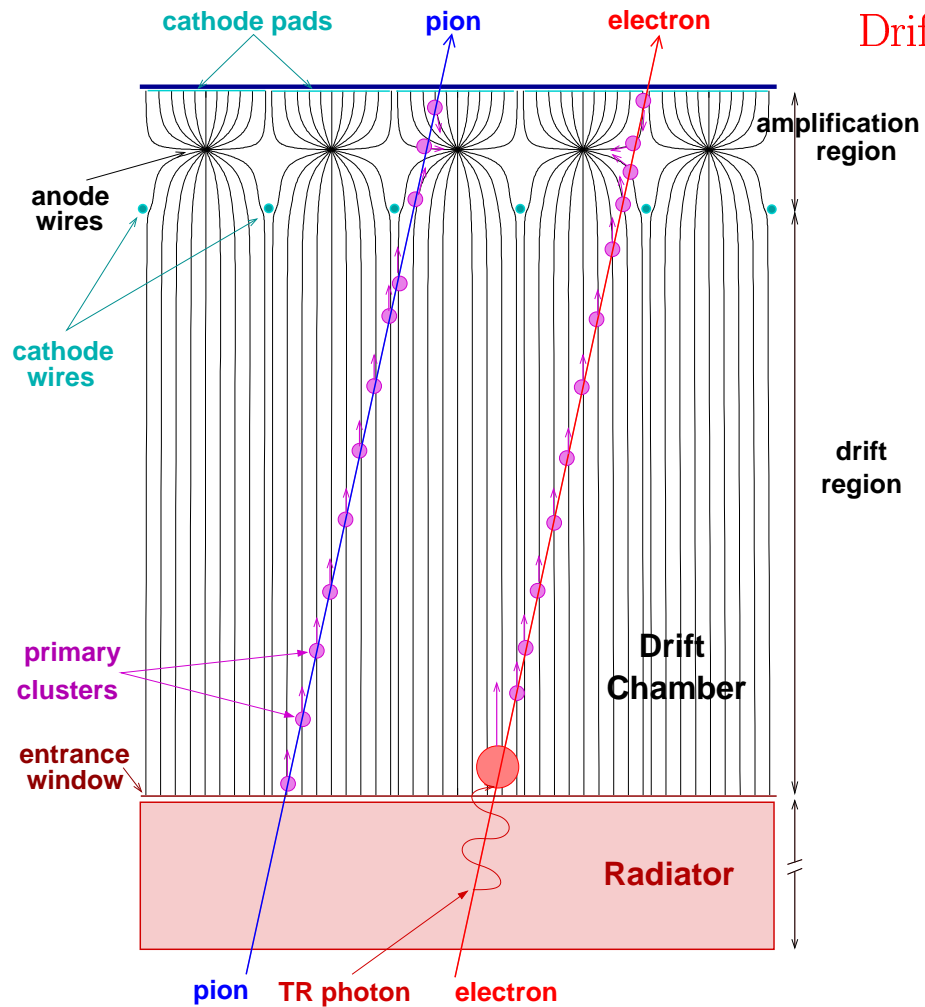


TRD – The principle

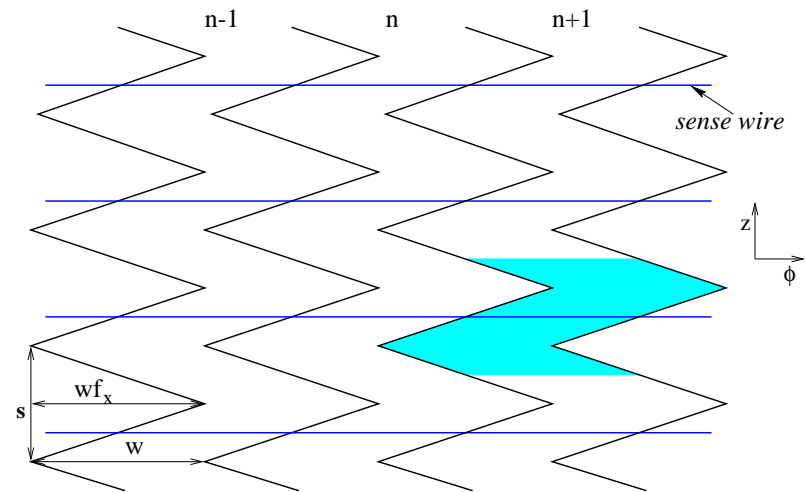


Drift Chamber: 3 cm (drift) + 0.6 cm (amplification)

Field lines: GARFIELD, $U_d = -4.0$, $U_a = 1.6$ kV

Readout cathode pads:

$w = 1$ cm, $s = 0.5$ cm, pad size: 4.5 cm²



Radiator: 5-6 cm fibres/foams (foils)