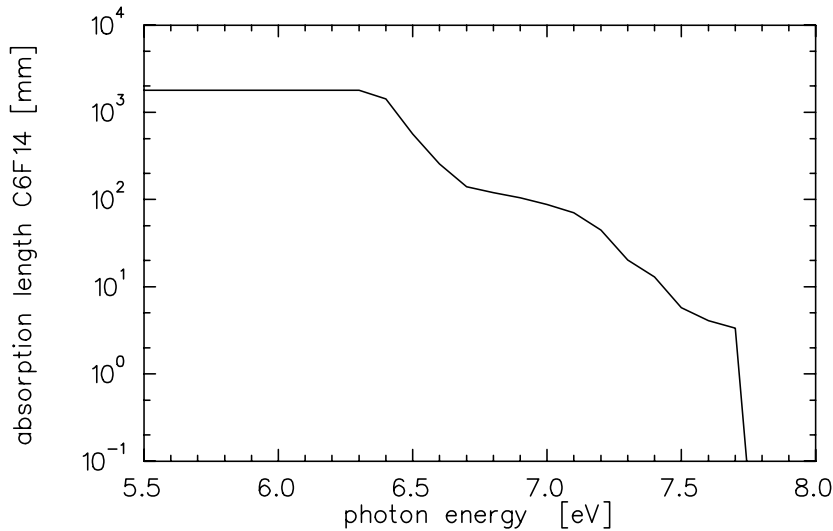


Calculations to a combined
PID and tracking detector
based on C6F14, CsI and
GEMs
(Proposal: Lars Schmitt)

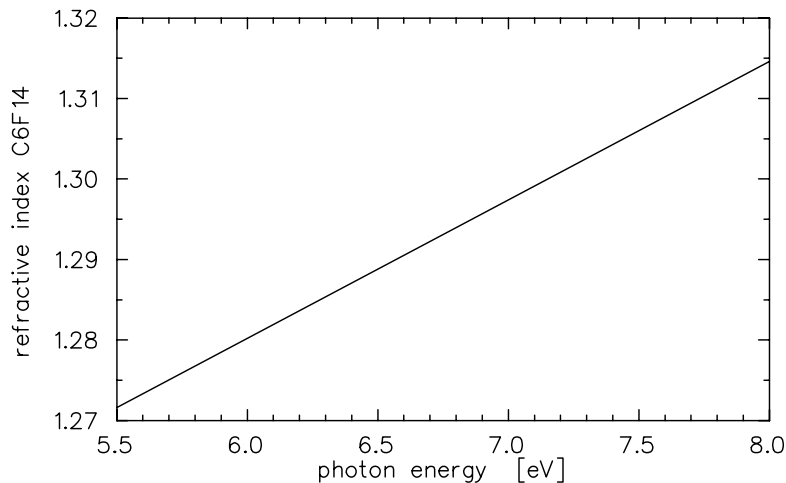
Klaus Foehl, PID-TAG 1/3/2007

source of material property

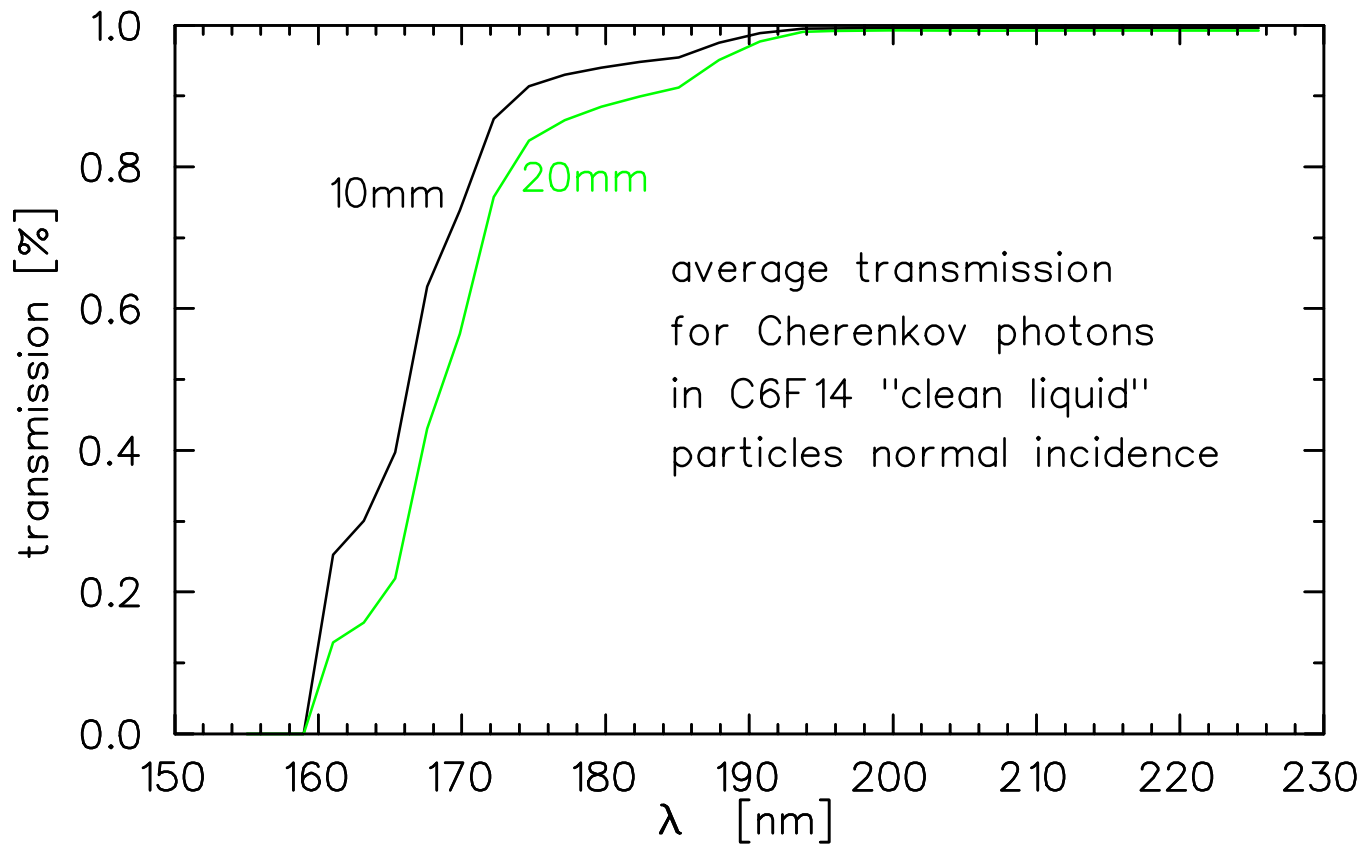


- material data used on the left
- from a RICHSIM web page at CERN
- normal incidence particles only

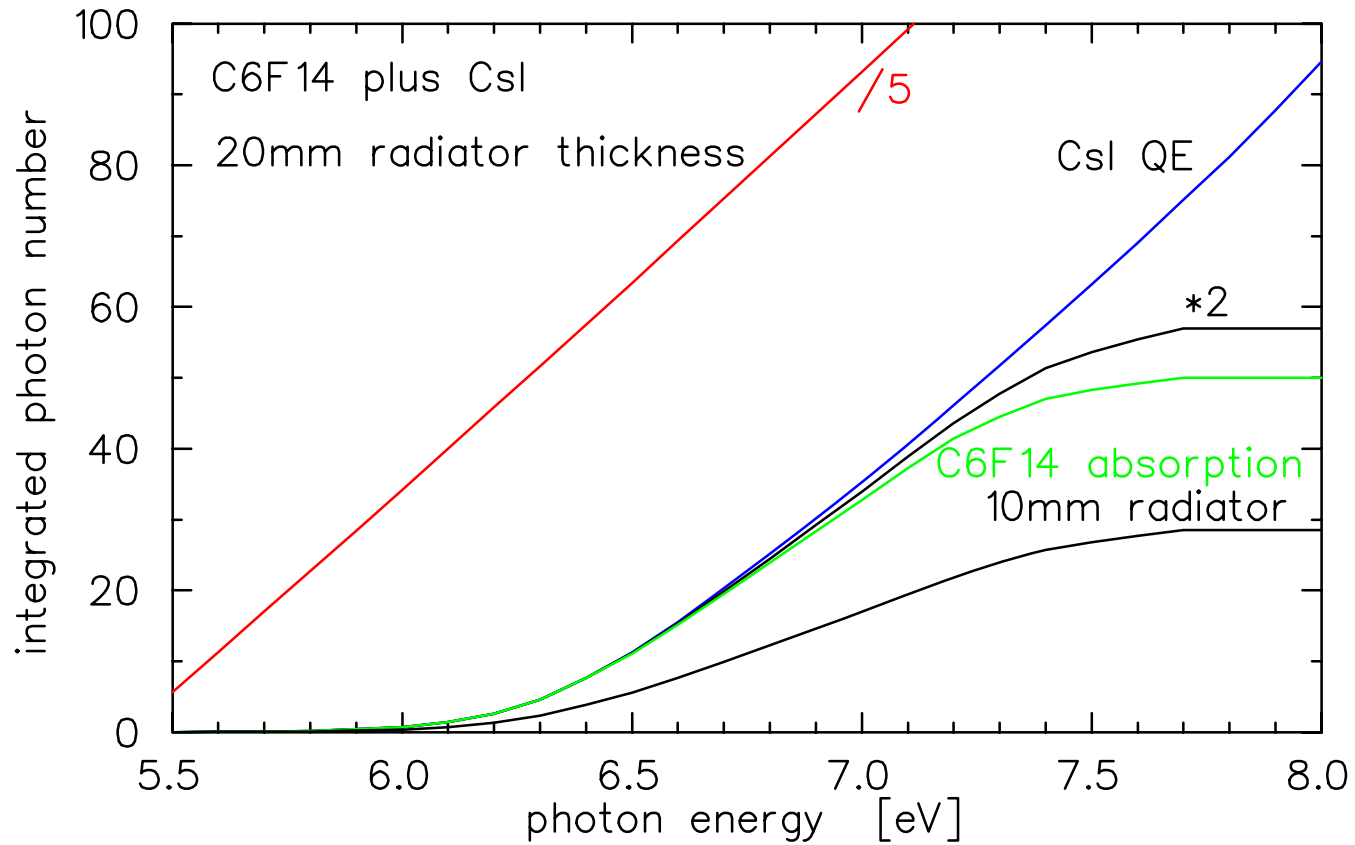
r.home.cern.ch/r/richrd26/www/hmpid/richsim.html



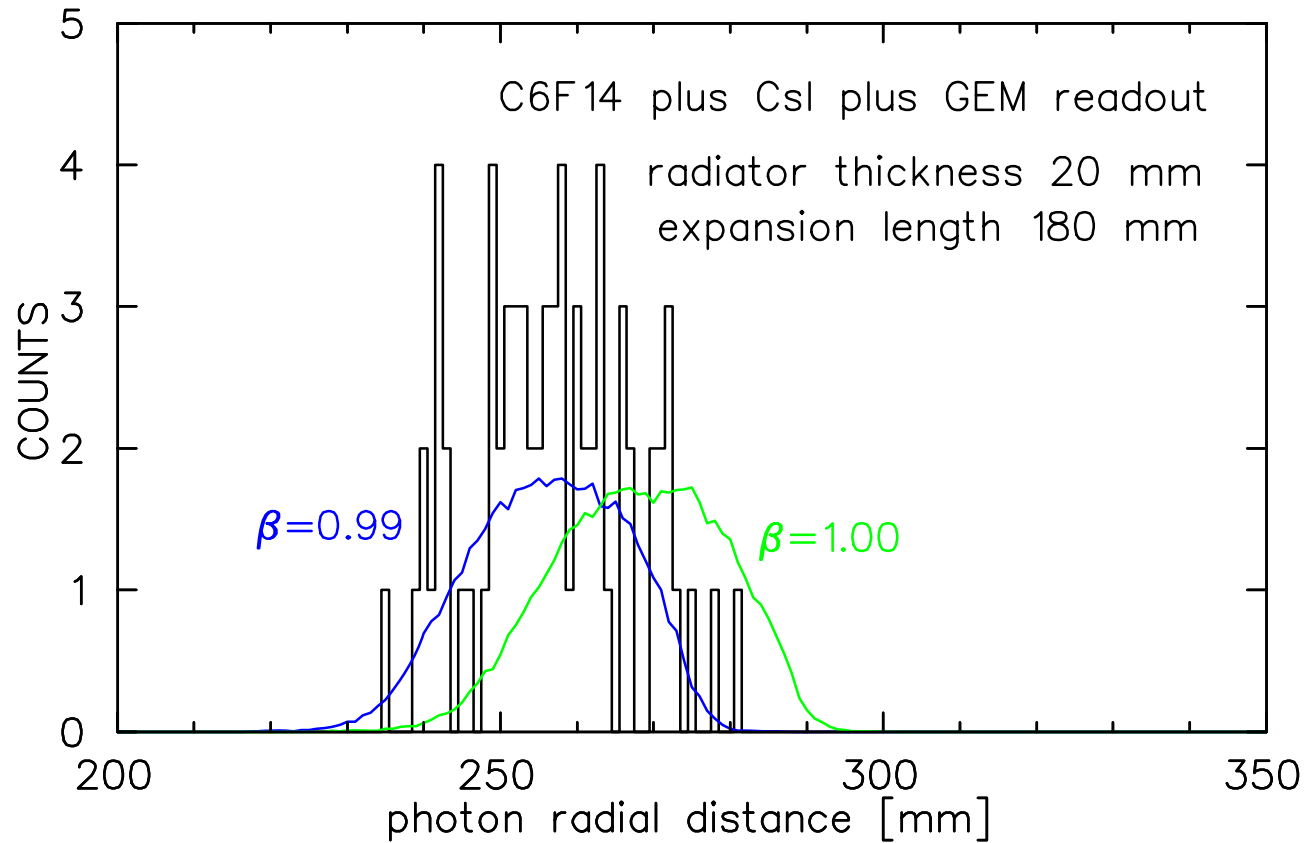
material transmission



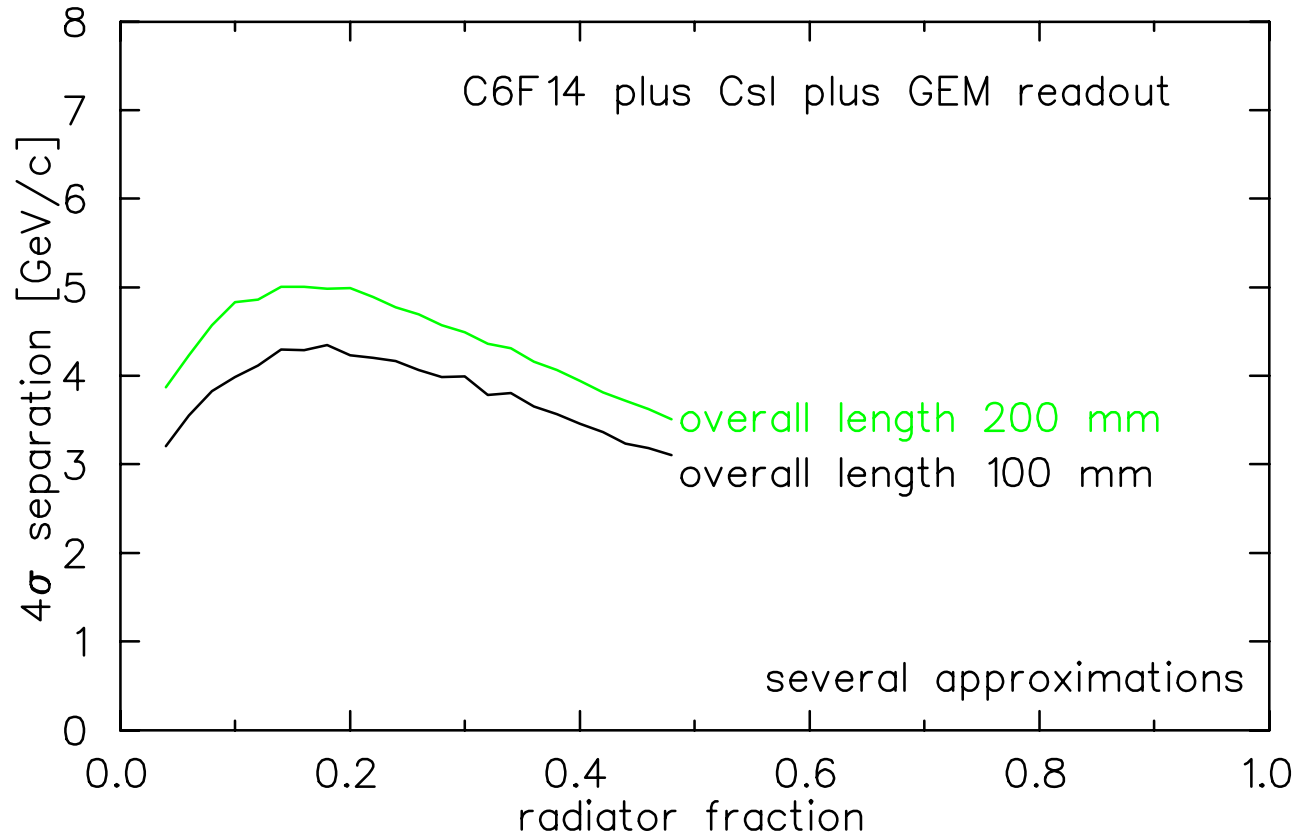
photon yield



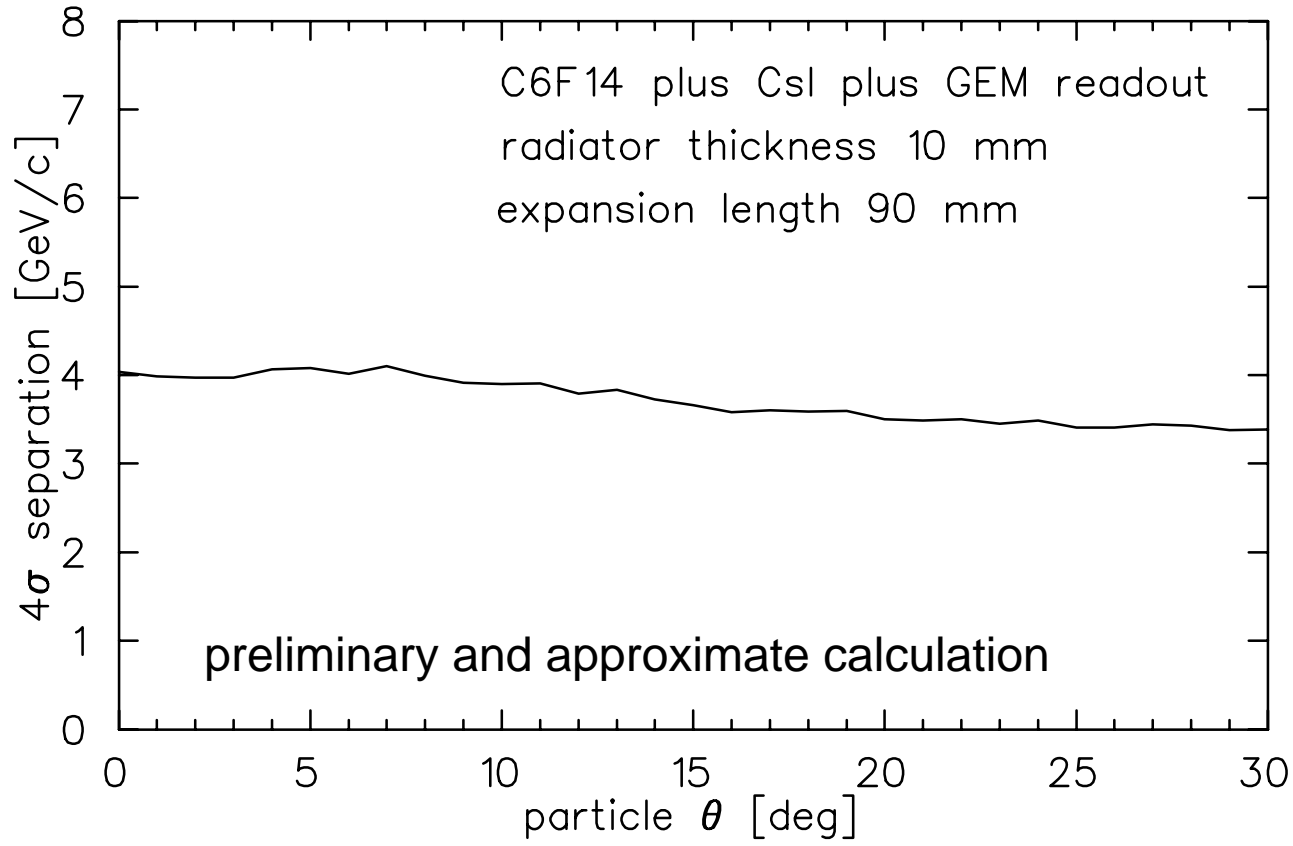
hit pattern



performance – radiator width



angle dependence



potential edge effects

