

N10

# Schottky and pn Junction Cryogenic Radiation Detectors Made of p- $\text{InSb}$ Compound Semiconductor



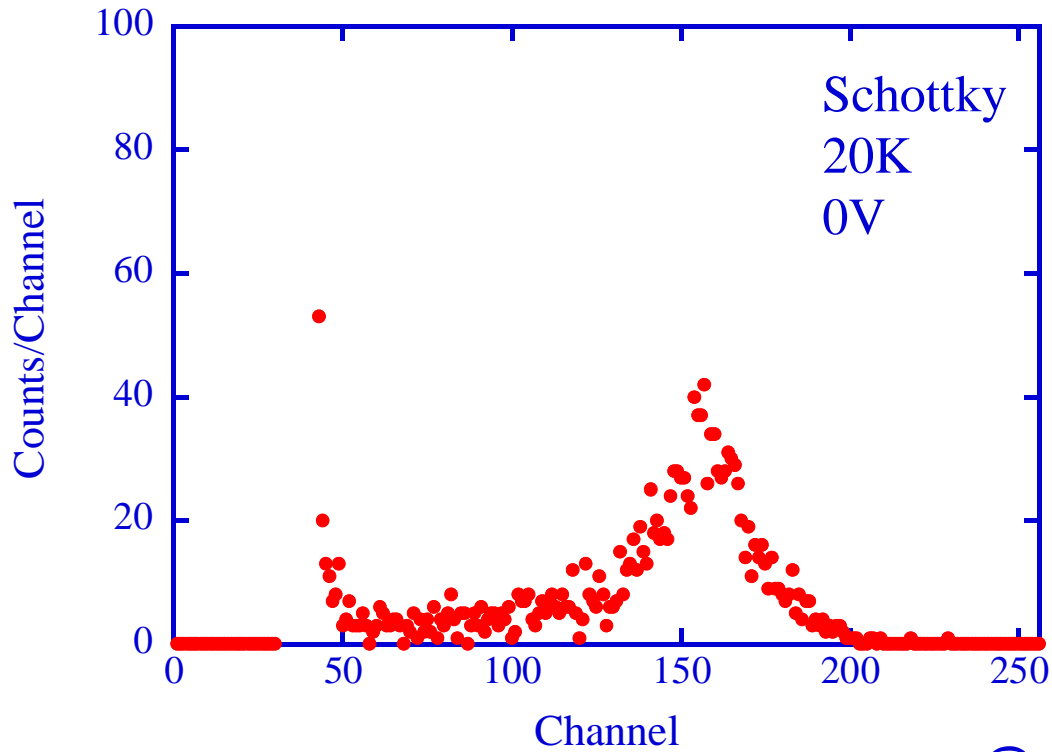
What is the expected energy resolution?

60eV@6keV

What is good with  $\text{InSb}$ ?

Moderate operating conditions in Temp., Volume.

High absorption efficiency of Photons. 10xGe.



- $^{241}\text{Am}$   $\alpha$  Particle Energy Spectrum

- Rise Time

