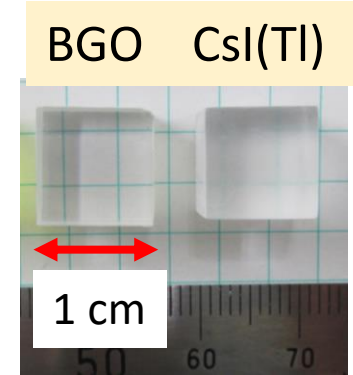


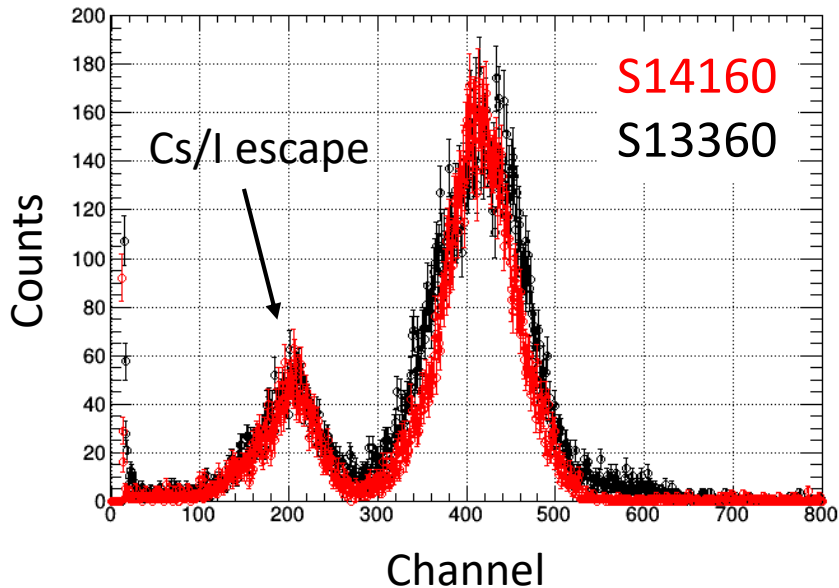
Si-PM Performance Comparison for Readout of CsI / BGO Scintillators

Hiromitsu Takahashi (Hiroshima University)

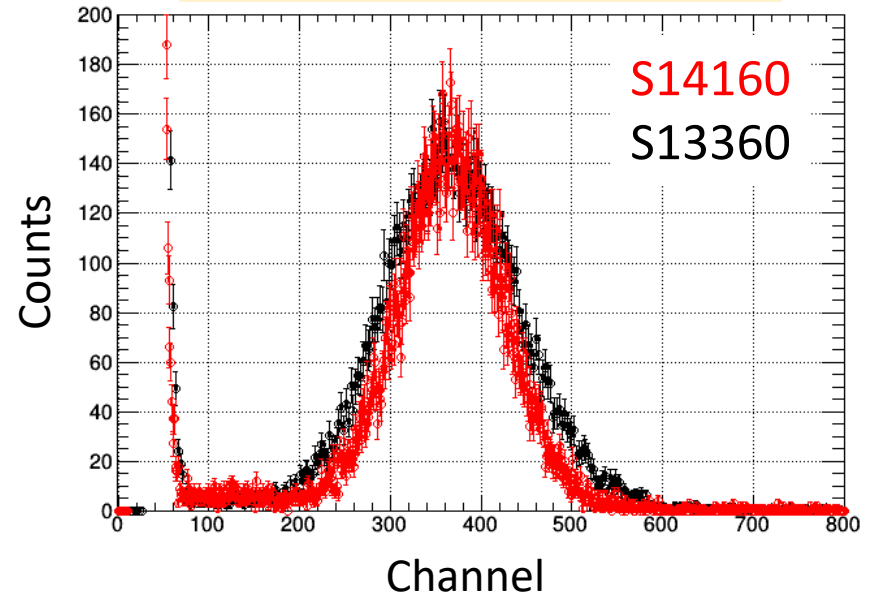
	PDE (%)	Gain (10^6)	Dark current (μA)	Operation voltage (V)
S13360-6050CS	40	1.7	0.388	54.4
S14160-6050HS	50	2.5	1.63	41.0



CsI(Tl) (241Am 60 keV)



BGO (241Am 60 keV)



S14160-6050HS shows better performance (ΔE , threshold) for both CsI and BGO.

Please check the poster for our **CubeSat** mission and more details.