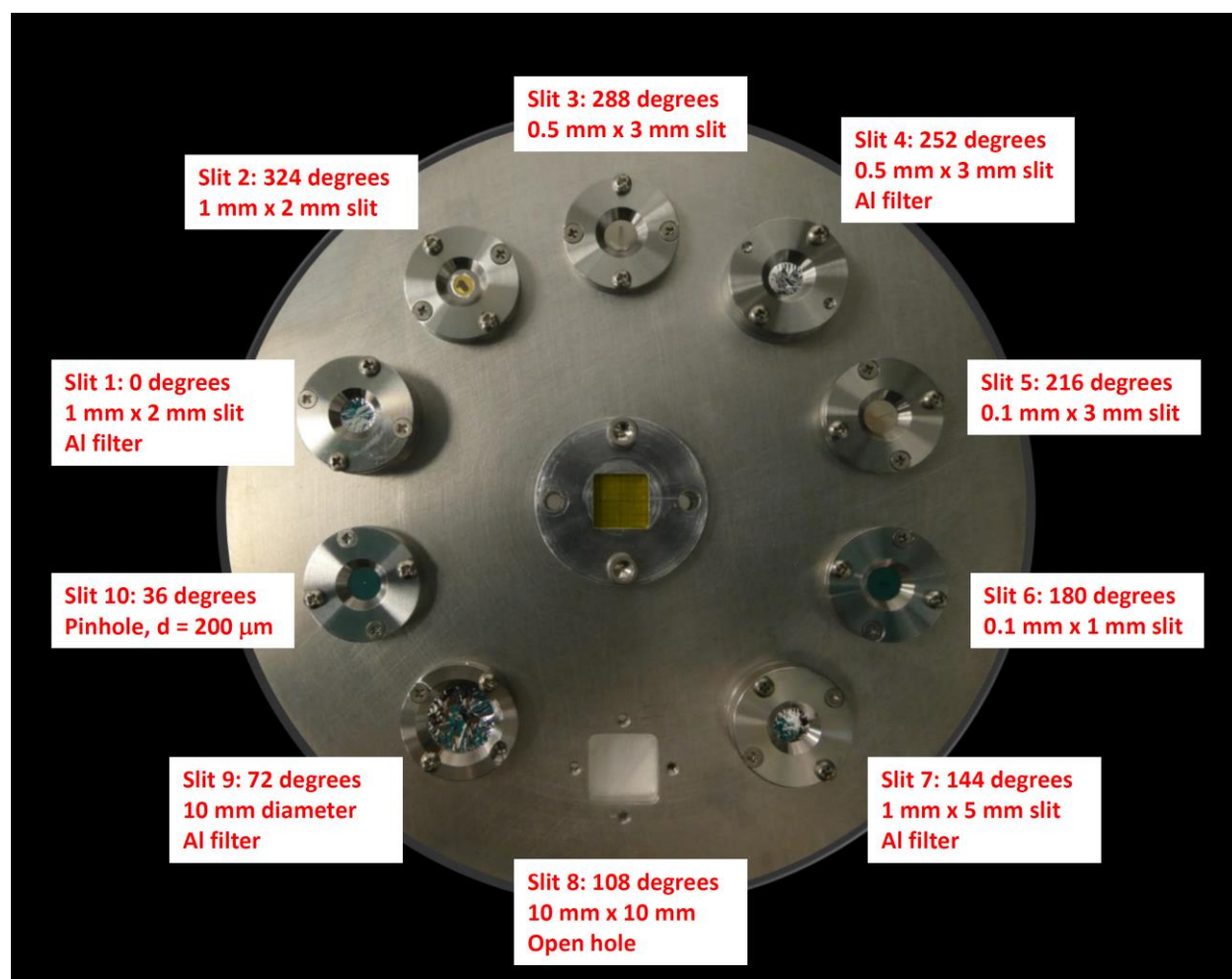


For Channeltron



For Photodiode: above angle $\pm 180^\circ$

Detector	detz height	tth offset	Max. intensity
Photodiode	40.0	0.0	$\sim 10^{-5}$ A
Channeltron	-40.0	0.0	≤ 500 Kcps
MCP ($\varnothing = 25$ mm)	0.0	20.9	≤ 120 Kcps
SDD ($\varnothing = 2.33$ mm)	-39.5	11.5	≤ 100 Kcps (TPEA = 0.4 μ s)

The distance from sample to detector $\cong 300$ mm