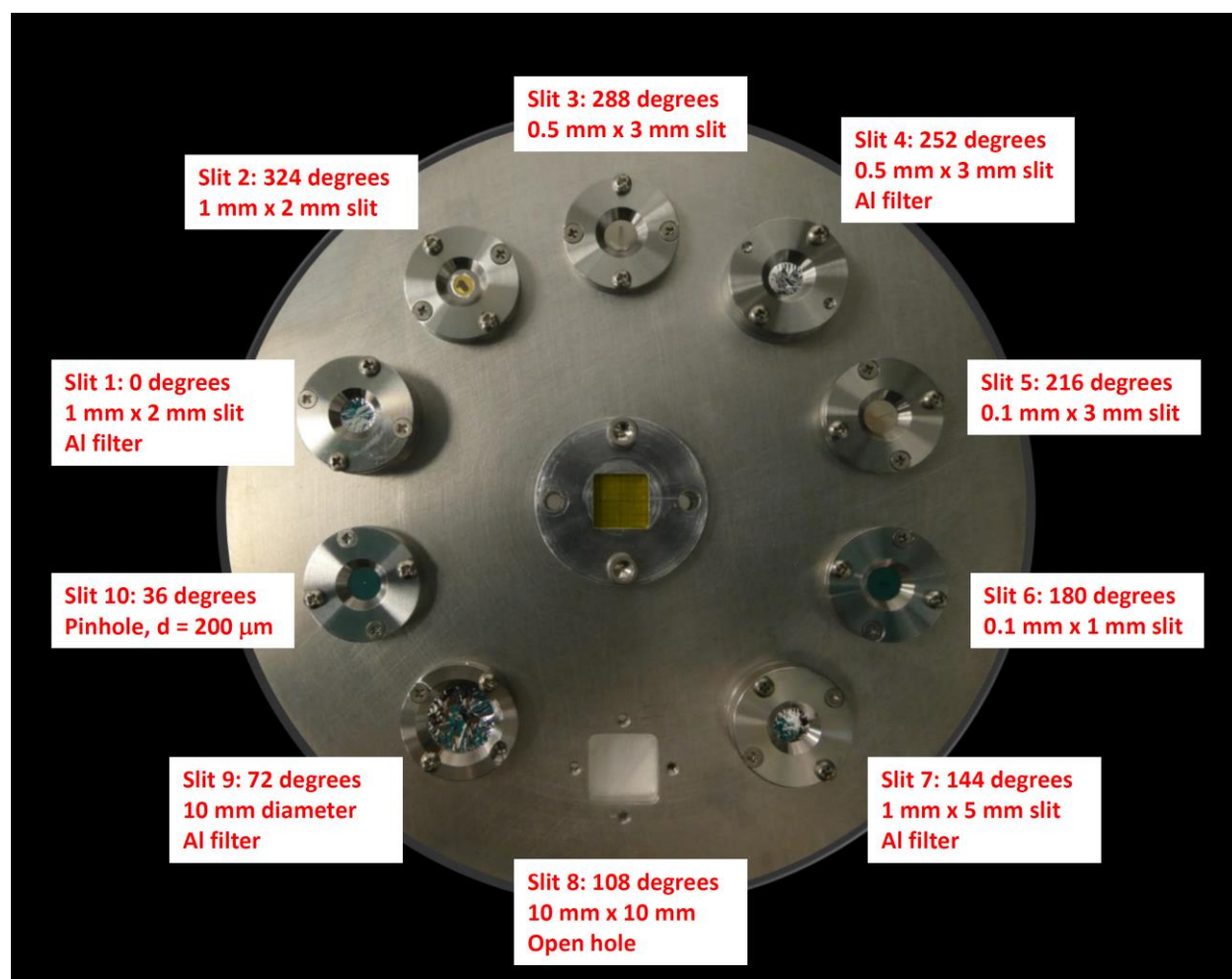


# For Channeltron



# 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	$\leq 500$ Kcps
MCP ( $\varnothing = 25$ mm)	0.0	20.6	$\leq 120$ Kcps
SDD ( $\varnothing = 4.65$ mm)	-40.5	11.2	$\leq 100$ Kcps (TPEA = 0.4 $\mu$ s)

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