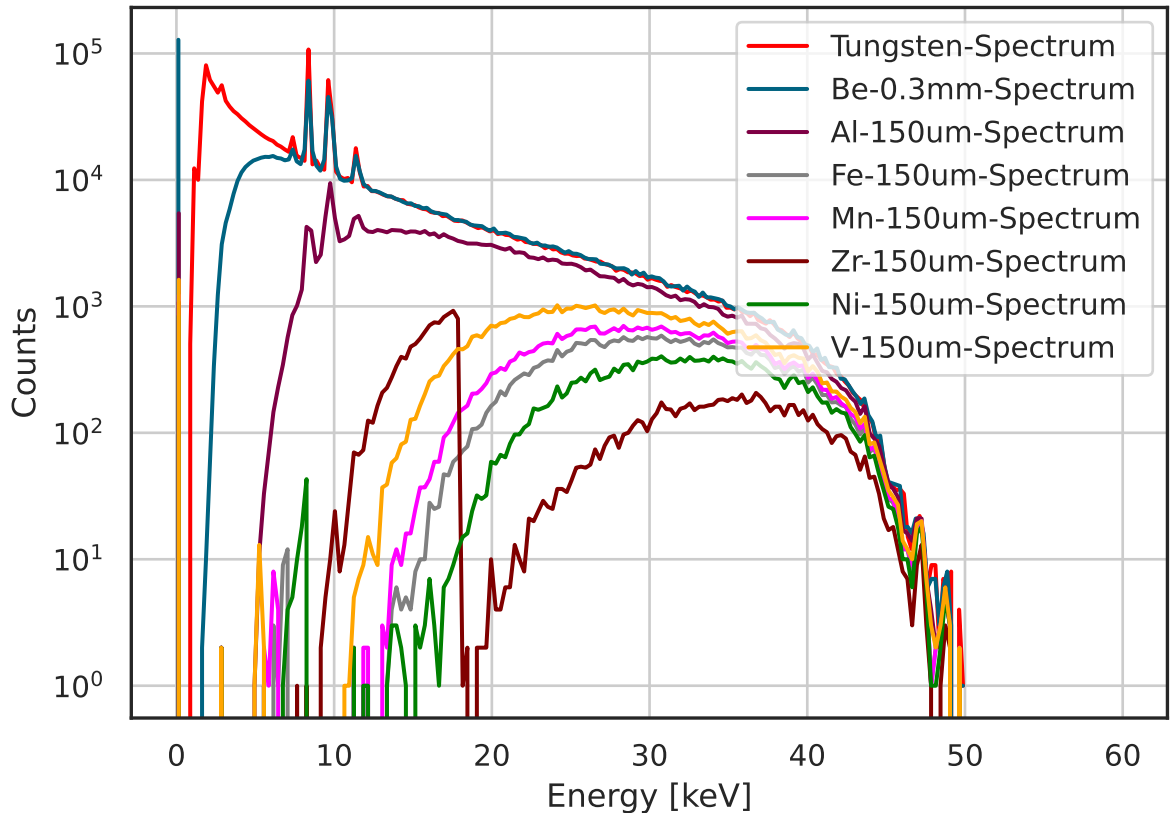
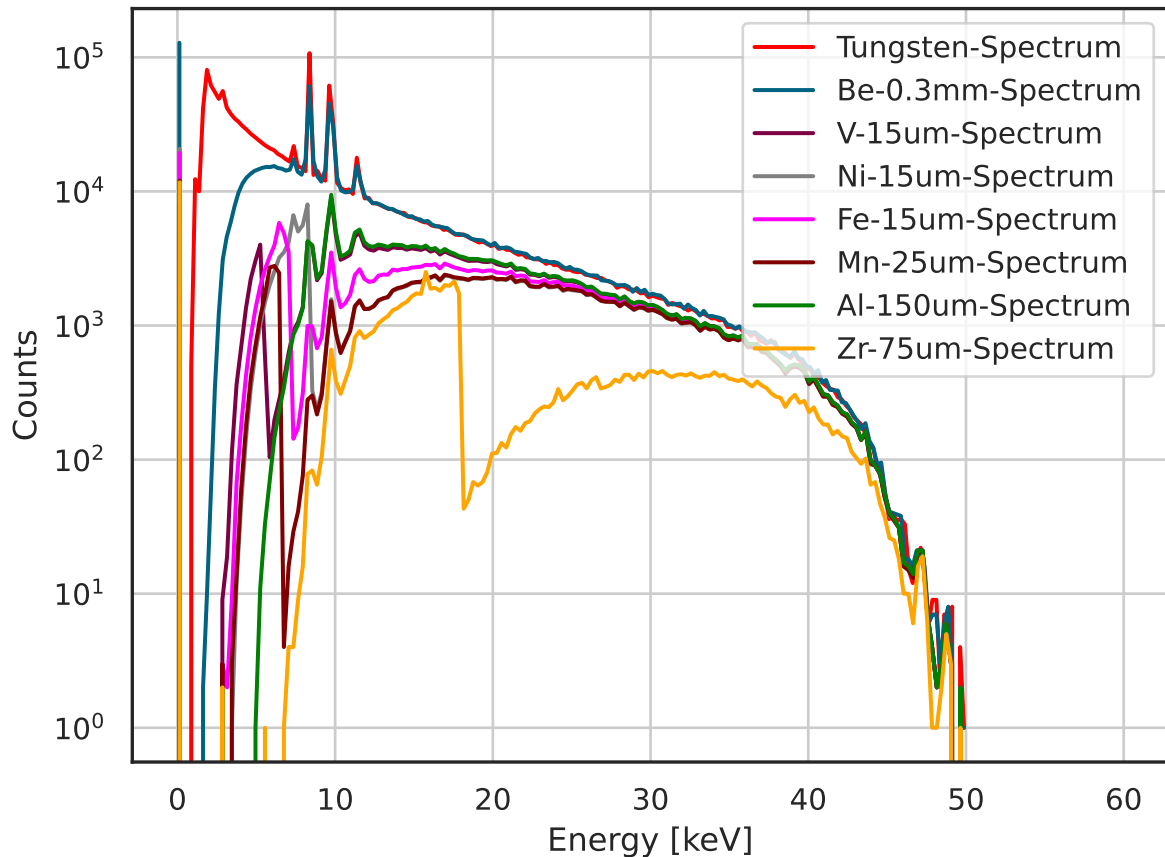
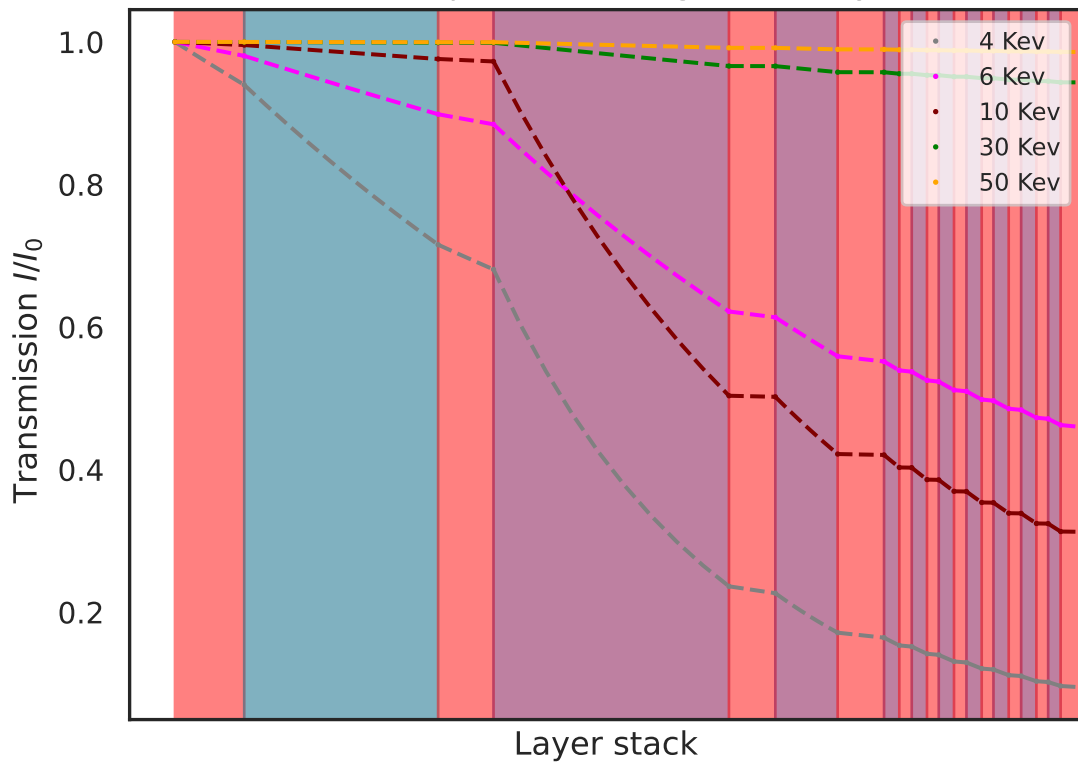


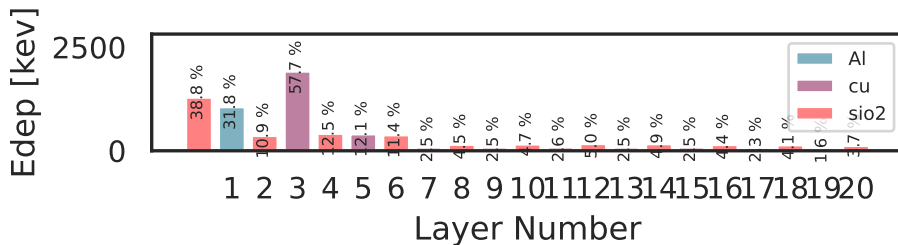
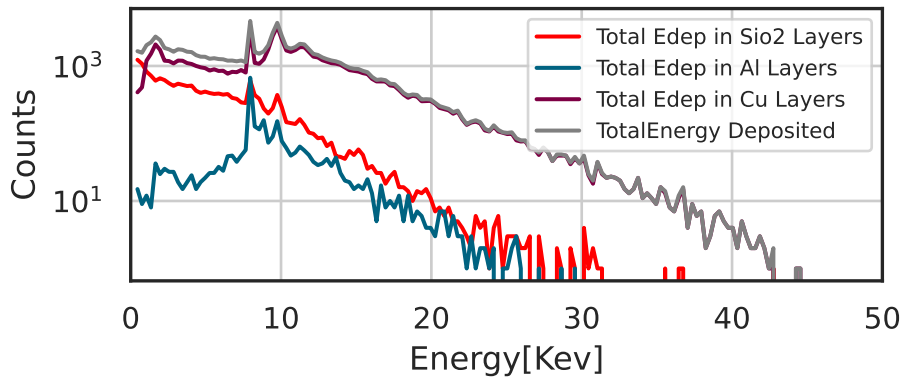
Tungsten x-ray spectrum After Different Filters



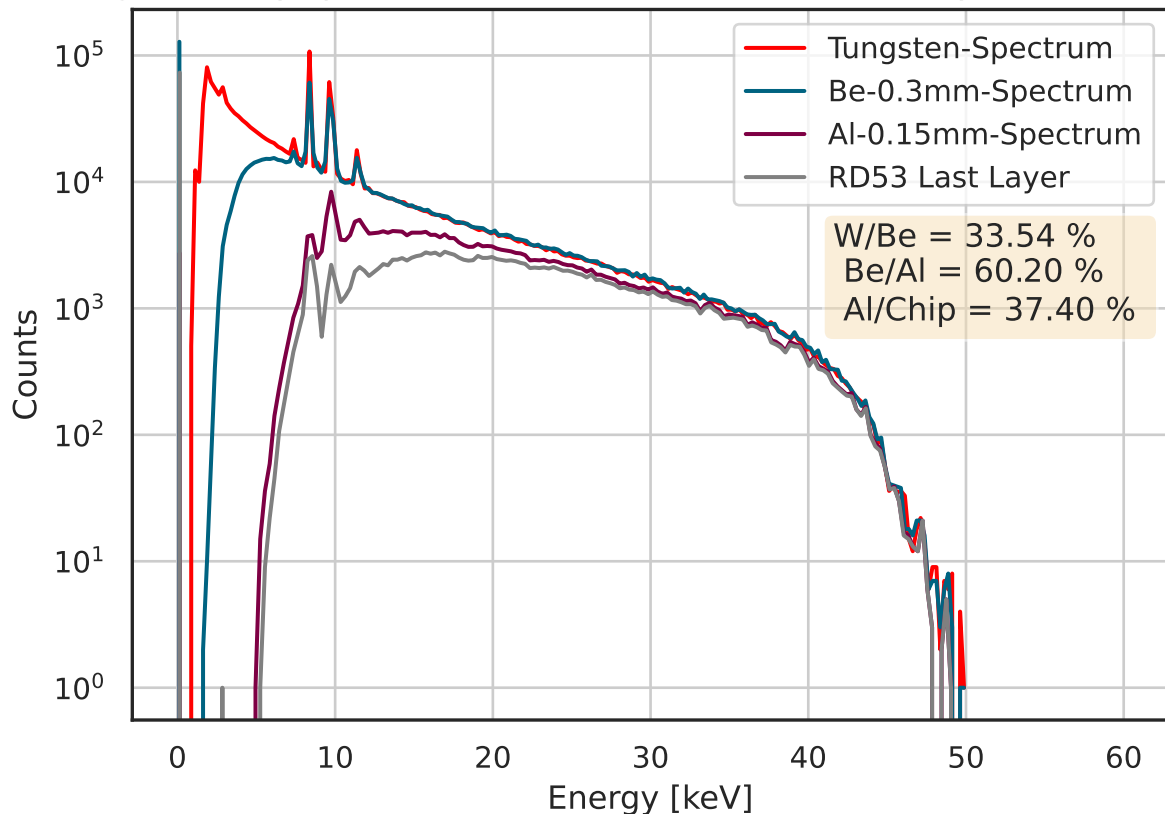


Attenuation of photons through metal layer stack

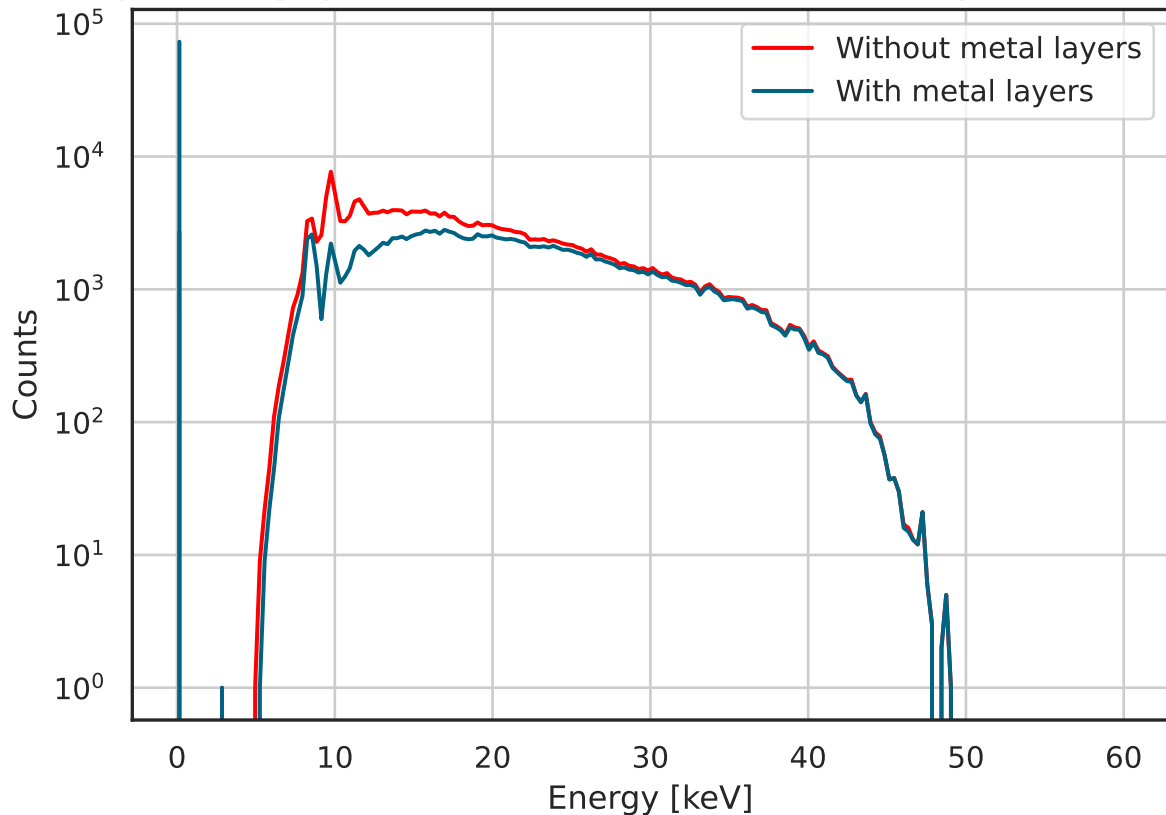




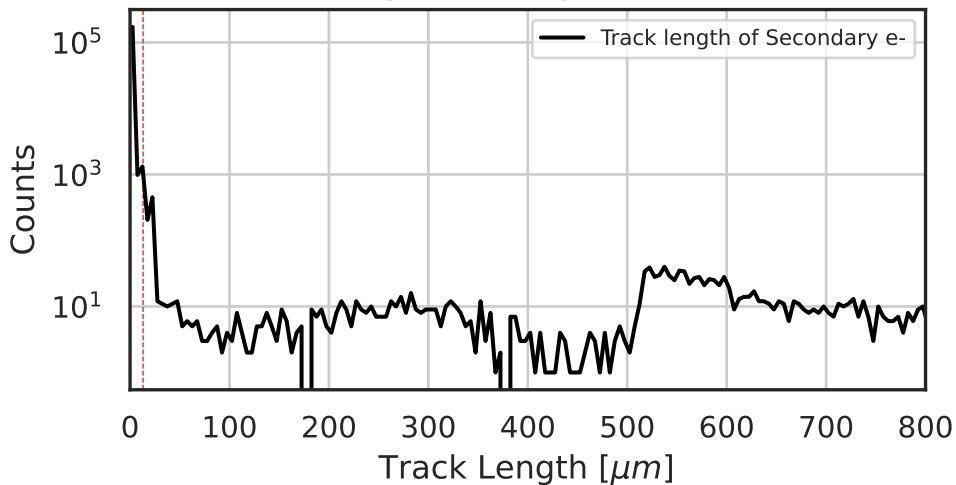
Tungsten x-ray spectrum in the back of the last metal layer stack of RD

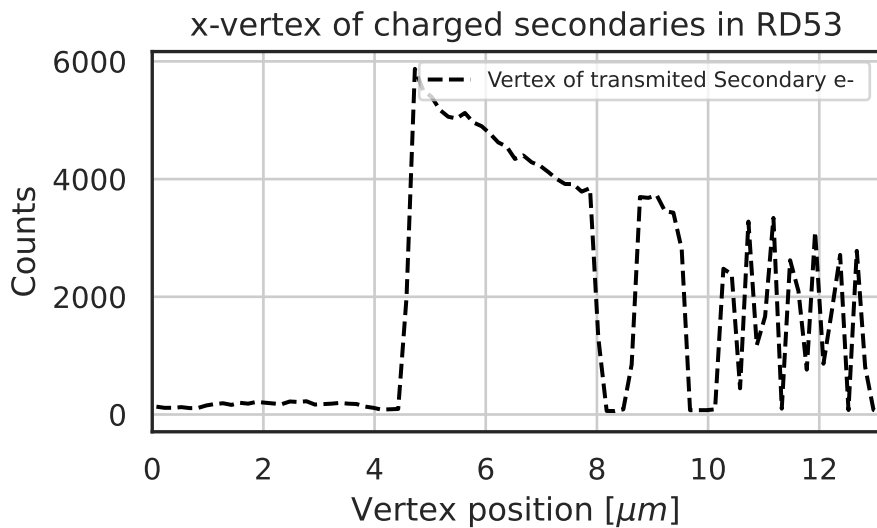


Tungsten x-ray spectrum in the back of the last metal layer stack of RD

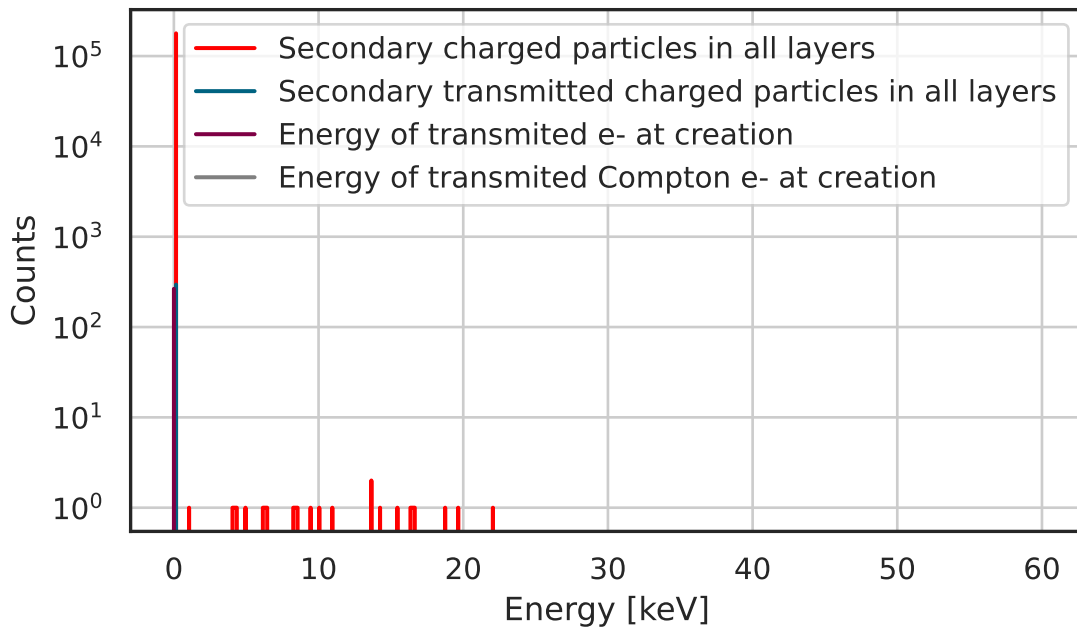


Track length of charged secondaries



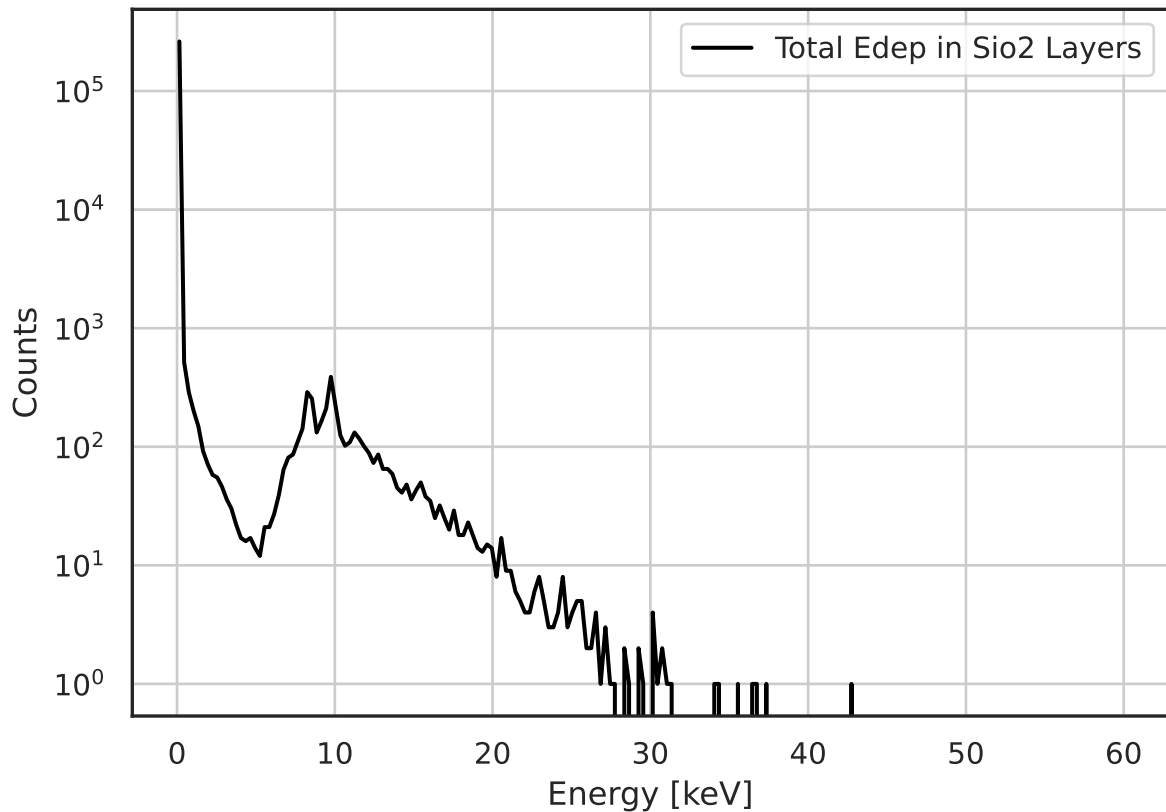


Secondary charged particles produced with metal layers

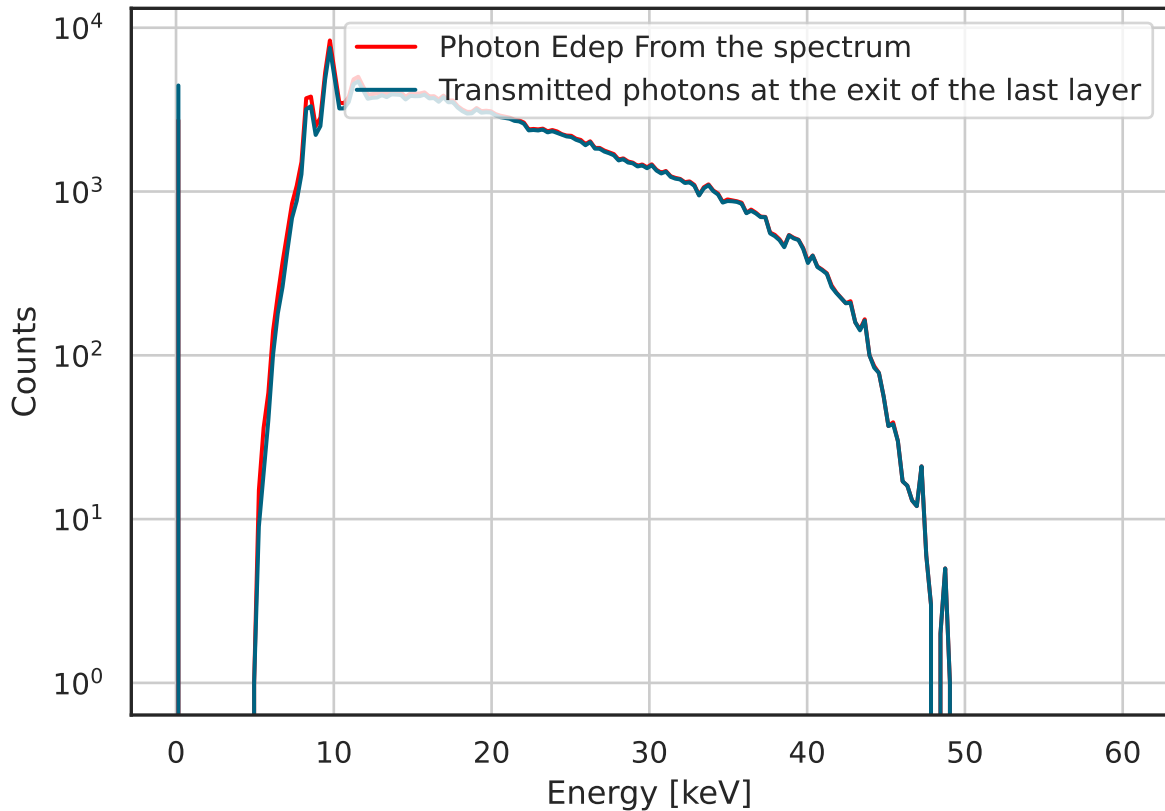


	Secondary charged particles in all layers	Secondary transmitted charged particles in all layers	Energy of transmited e- at creation	Energy of transmited Compton e- at creation
Secondary charged particles in all layers	1.0	1.0	1.0	1.0
Secondary transmitted charged particles in all layers	1.0	1.0	1.0	1.0
Energy of transmited e- at creation	1.0	1.0	1.0	1.0
Energy of transmited Compton e- at creation	1.0	1.0	1.0	1.0

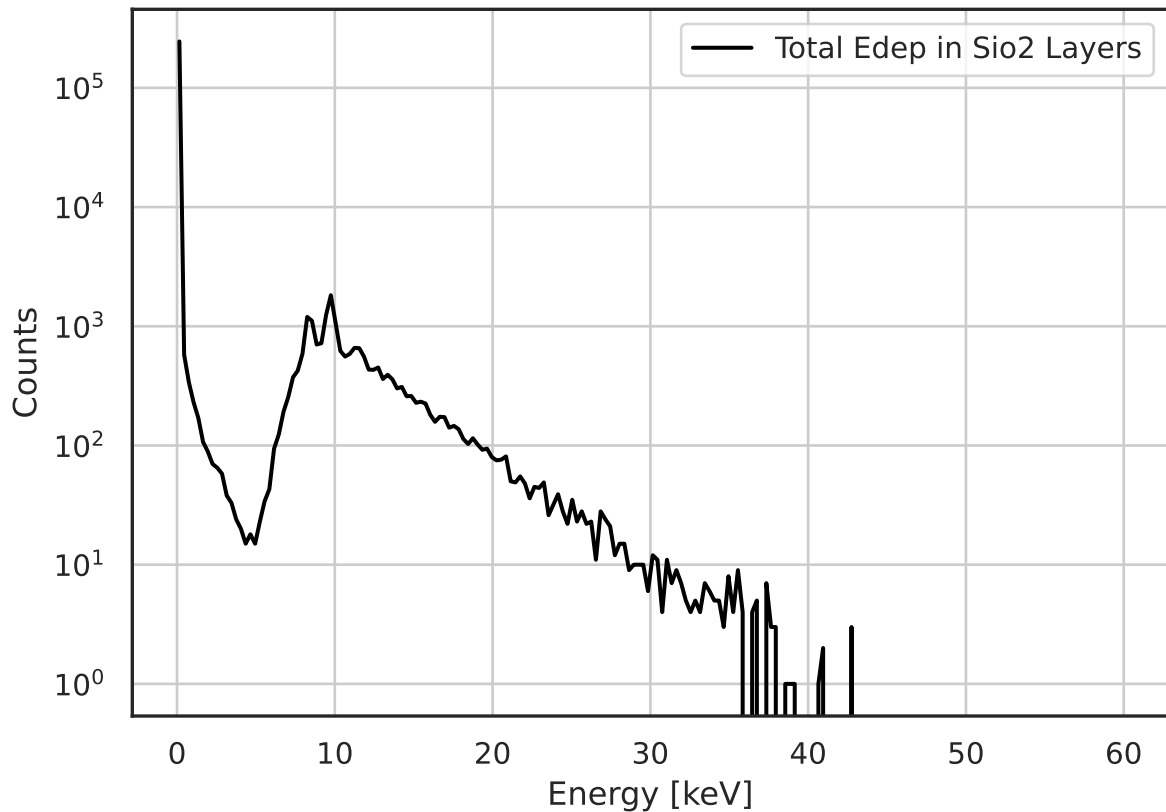
Energy deposition in all the silicon layers [$4.5\mu m$] of RD53 Metal Stack



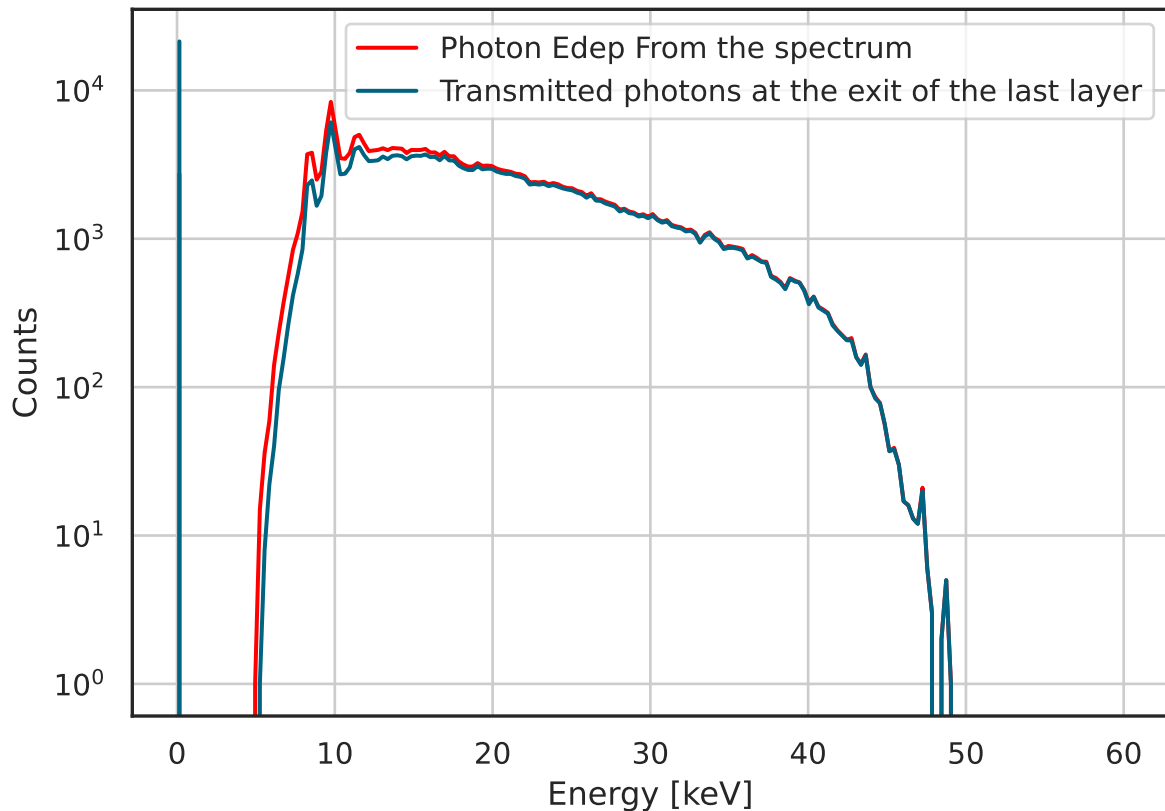
Tungsten x-ray spectrum after $[4.5\mu\text{m}] \text{SiO}_2$



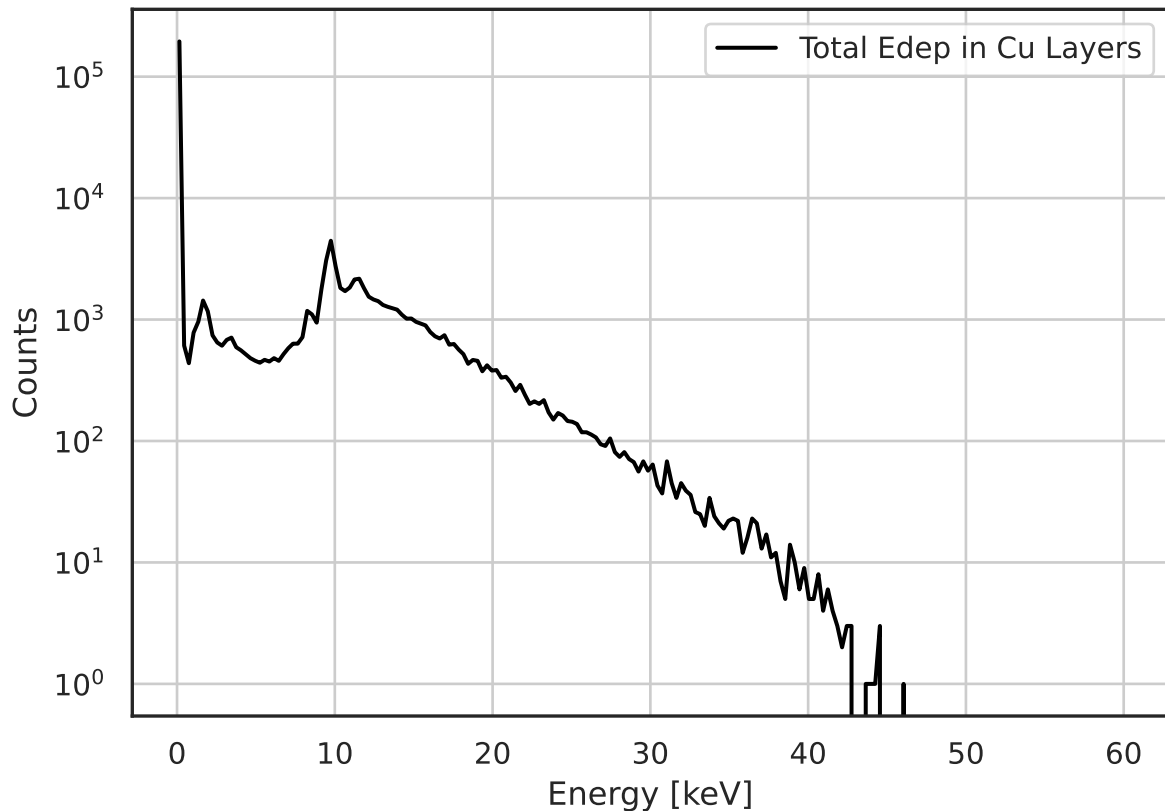
Energy deposition in all the silicon layers [$50\mu m$] of RD53 Metal Stack



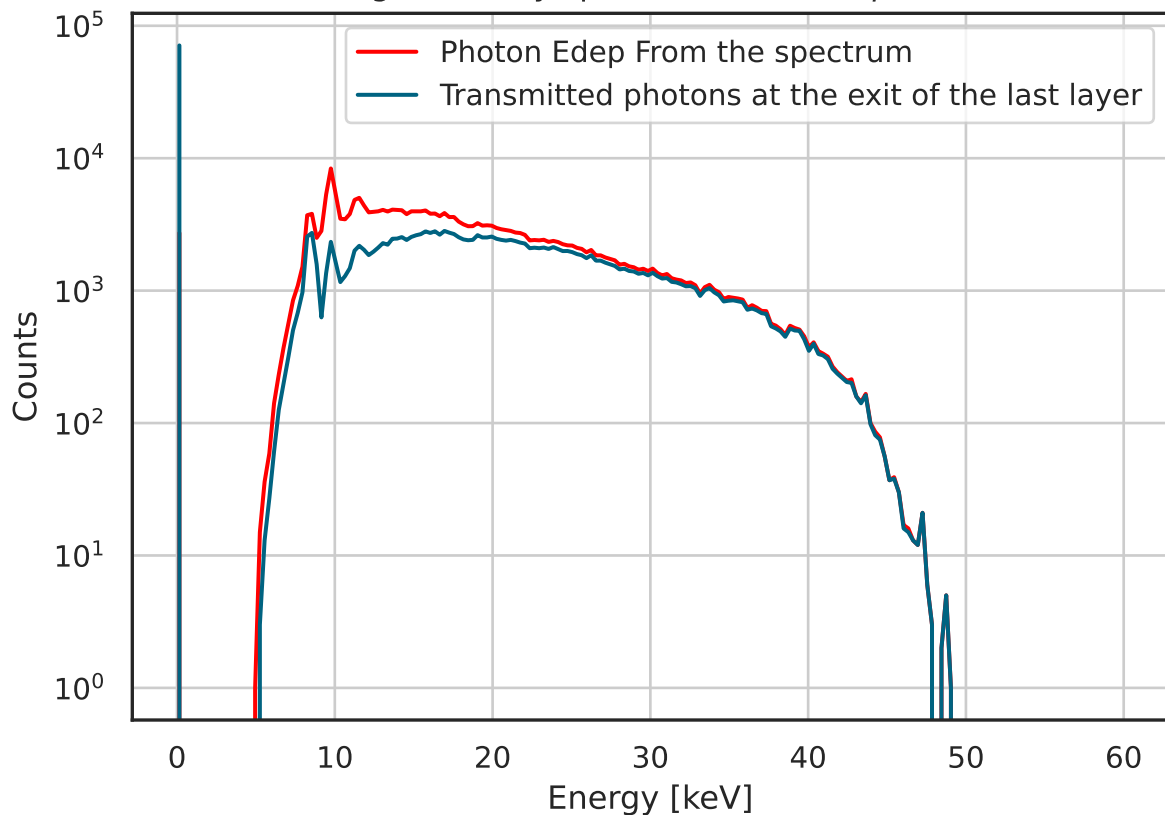
Tungsten x-ray spectrum after $[50\mu\text{m}] \text{SiO}_2$



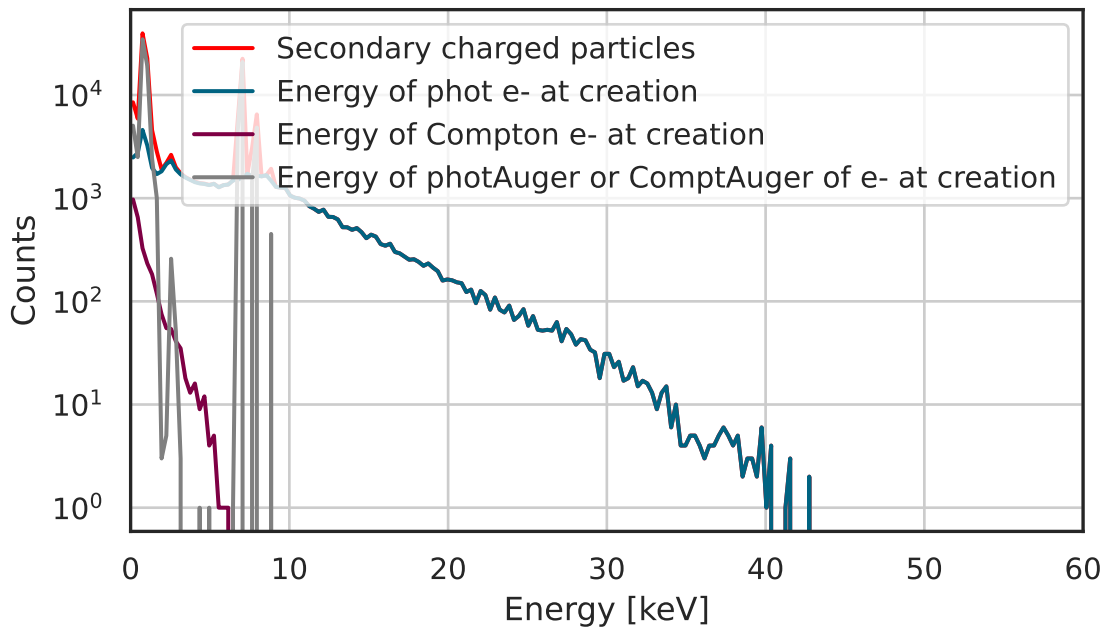
Energy deposition in all the Copper layers [$5.8\mu\text{m}$] of RD53 Metal Stack



Tungsten x-ray spectrum after $[5.8\mu\text{m}]$ Cu

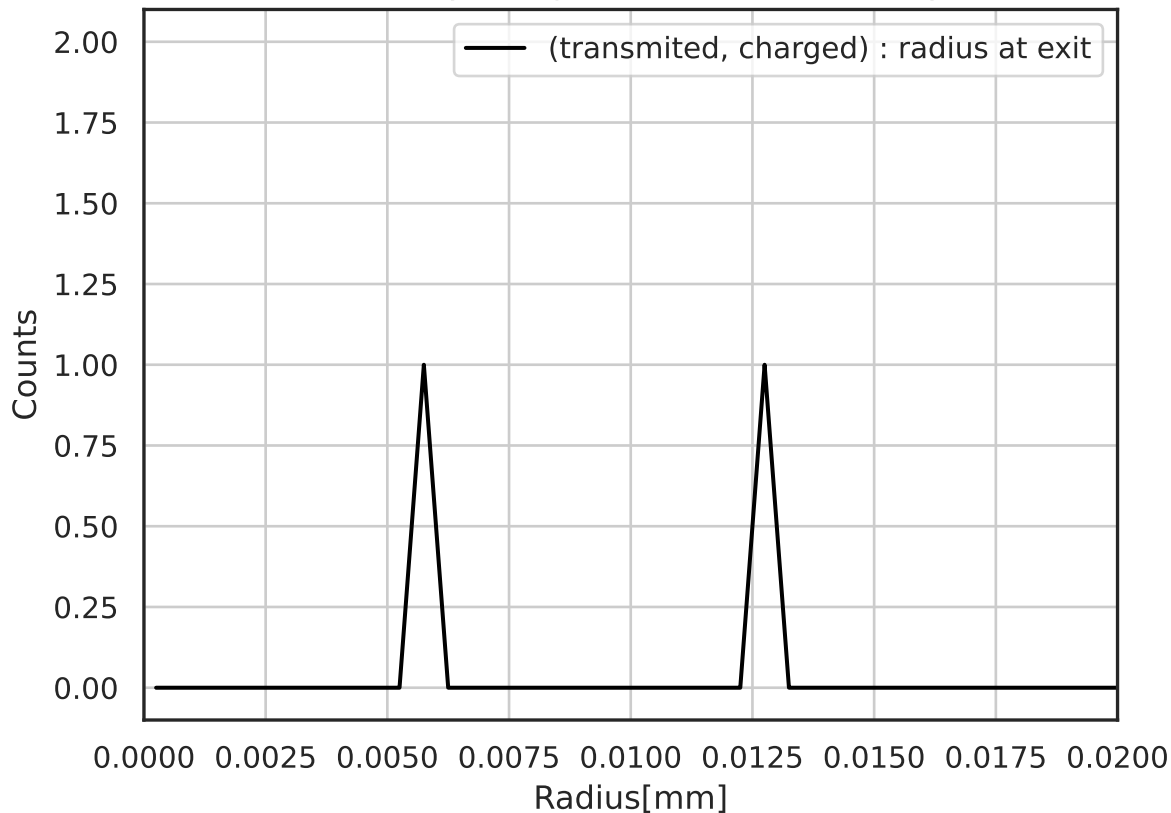


Secondary charged particles produced with metal layers



	Secondary charged particles	Energy of phot e- at creation	Energy of Compton e- at creation	Energy of photAuger or ComptAuger of e- at creation
Energy [keV]	0.001	0.001	0.001	0.001
Counts	10000	10000	10000	10000

Radius of secondary charged tracks at the last layer of RD53



projected position of secondary charged tracks at the last layer of RD53

