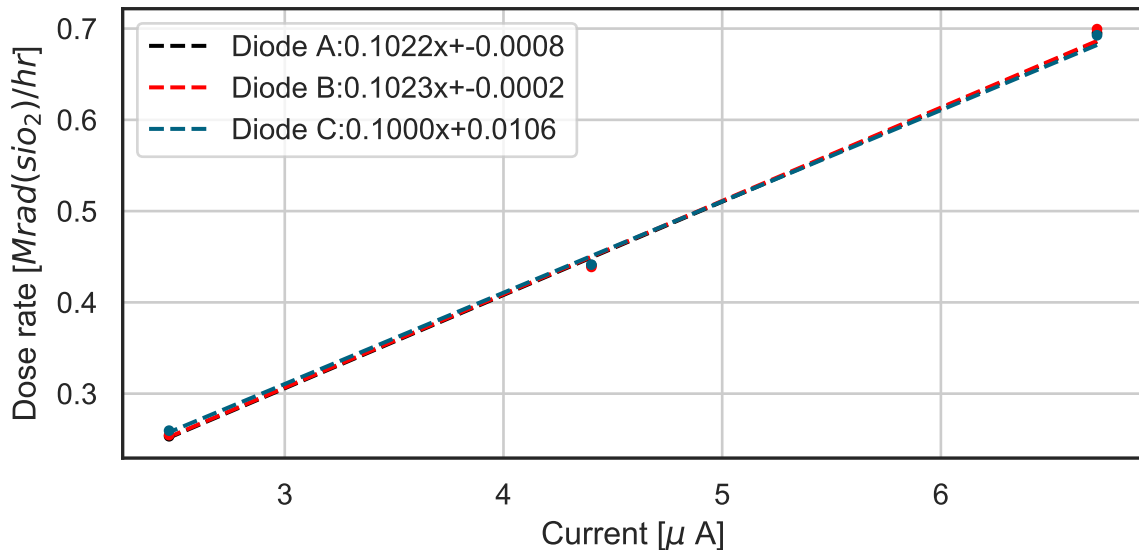
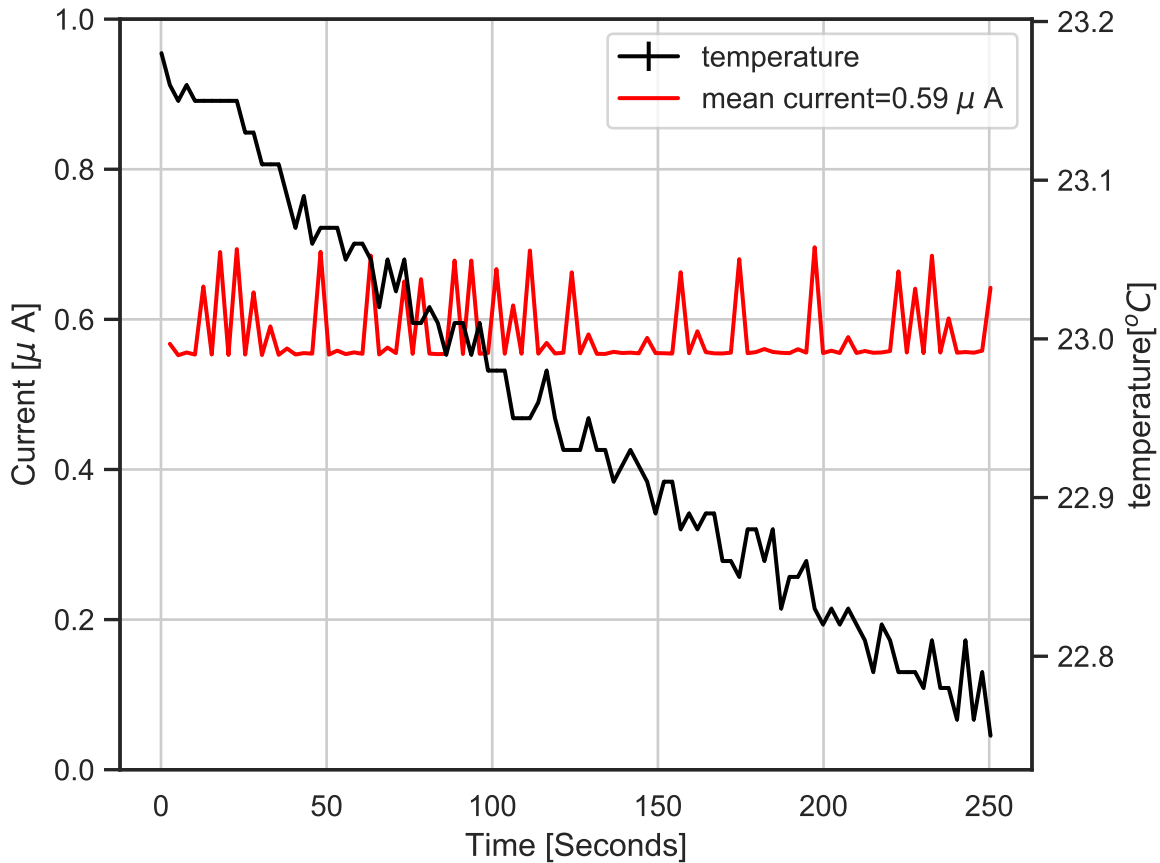


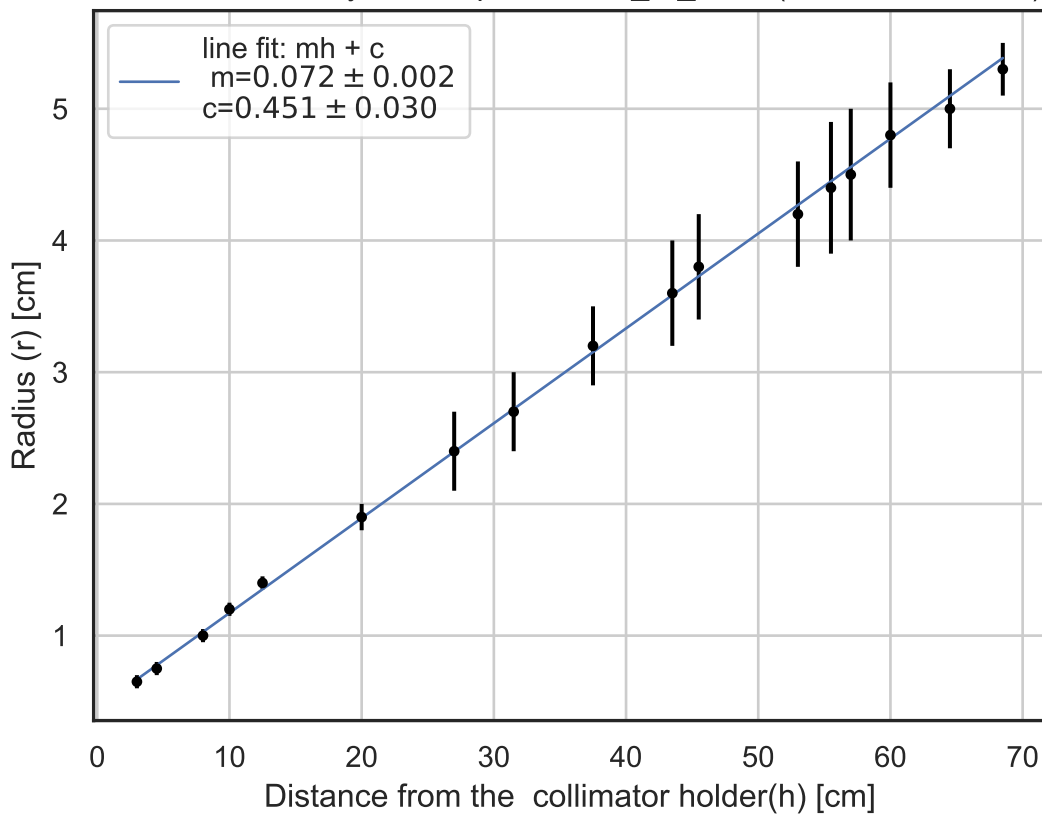
(Diode calibration at 40kV and 50mA)



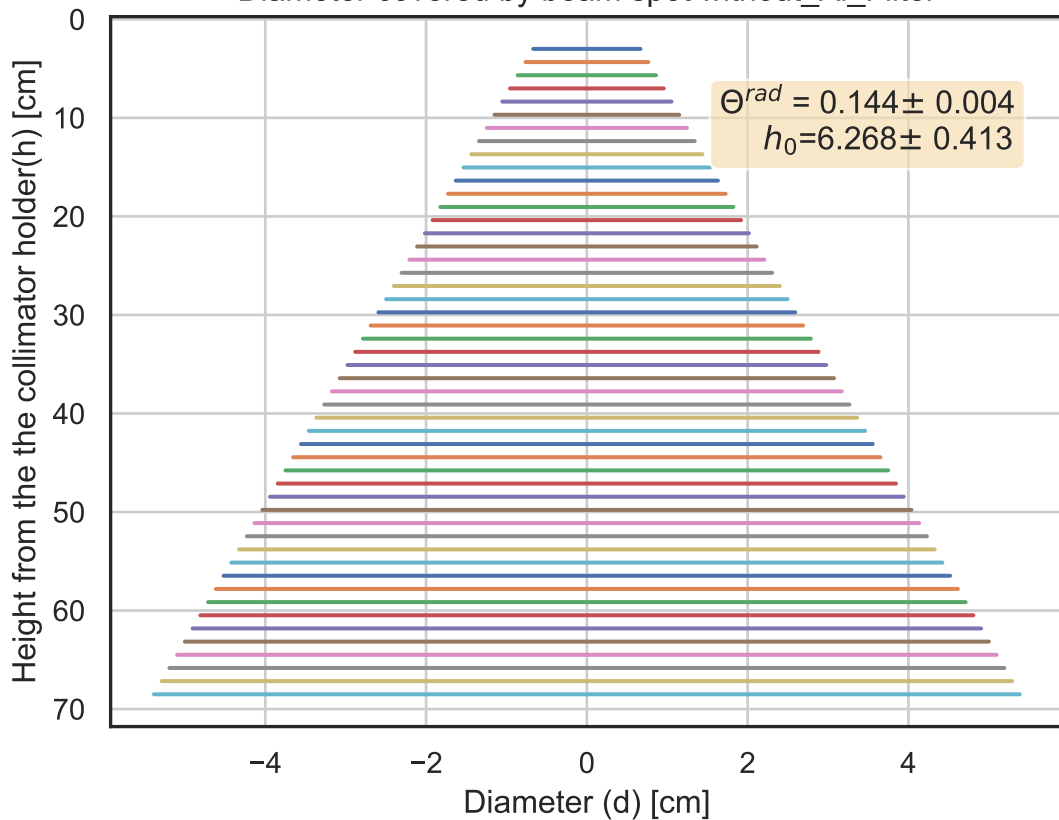
	3 cm	5 cm	8 cm	Mean factor
Diode A	9.674	10.02	9.847	9.847
Diode B	9.625	10.066	9.761	9.817
Diode C	9.708	10.015	9.602	9.775



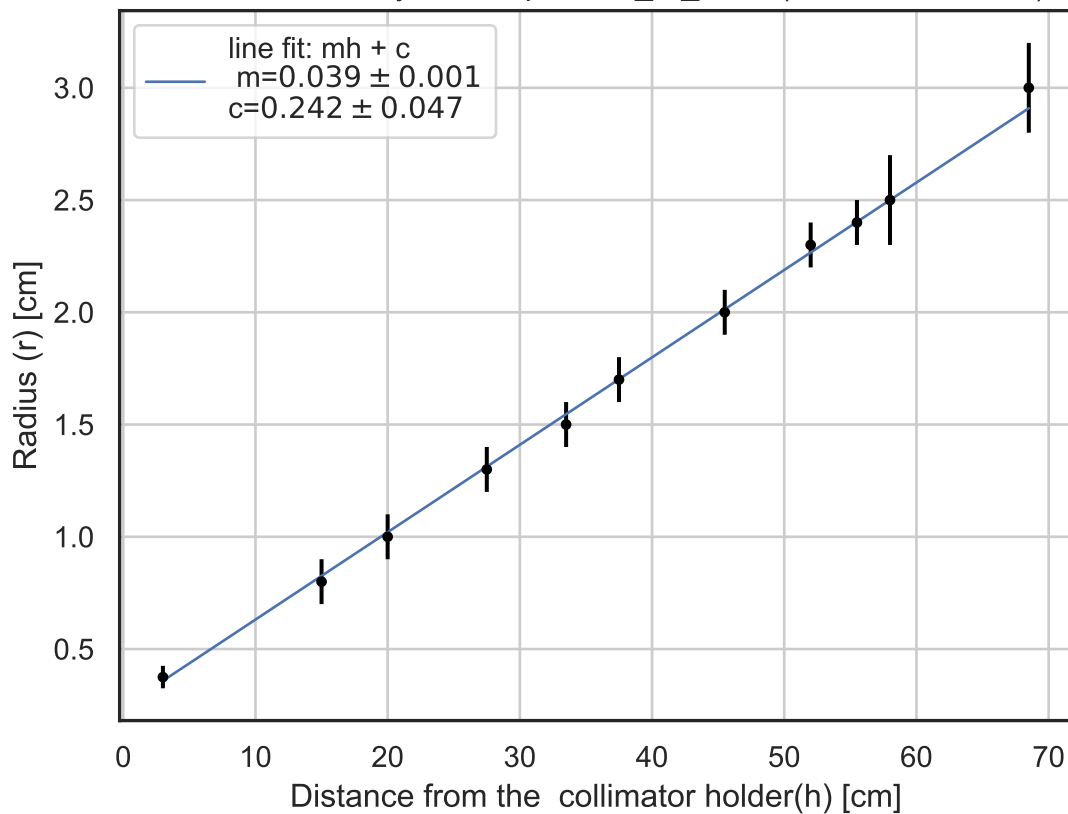
Radius covered by beam spot without \_Al\_Filter (40 kV and 50 mA)



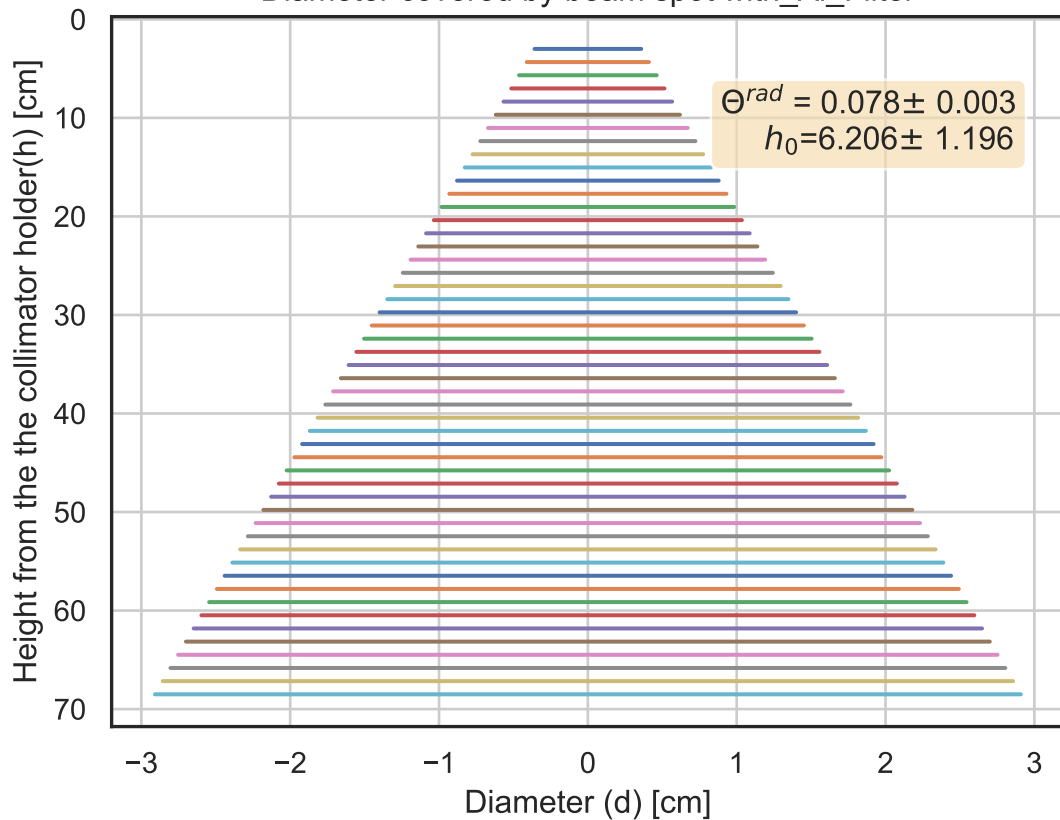
Diameter covered by beam spot without\_Al\_Filter



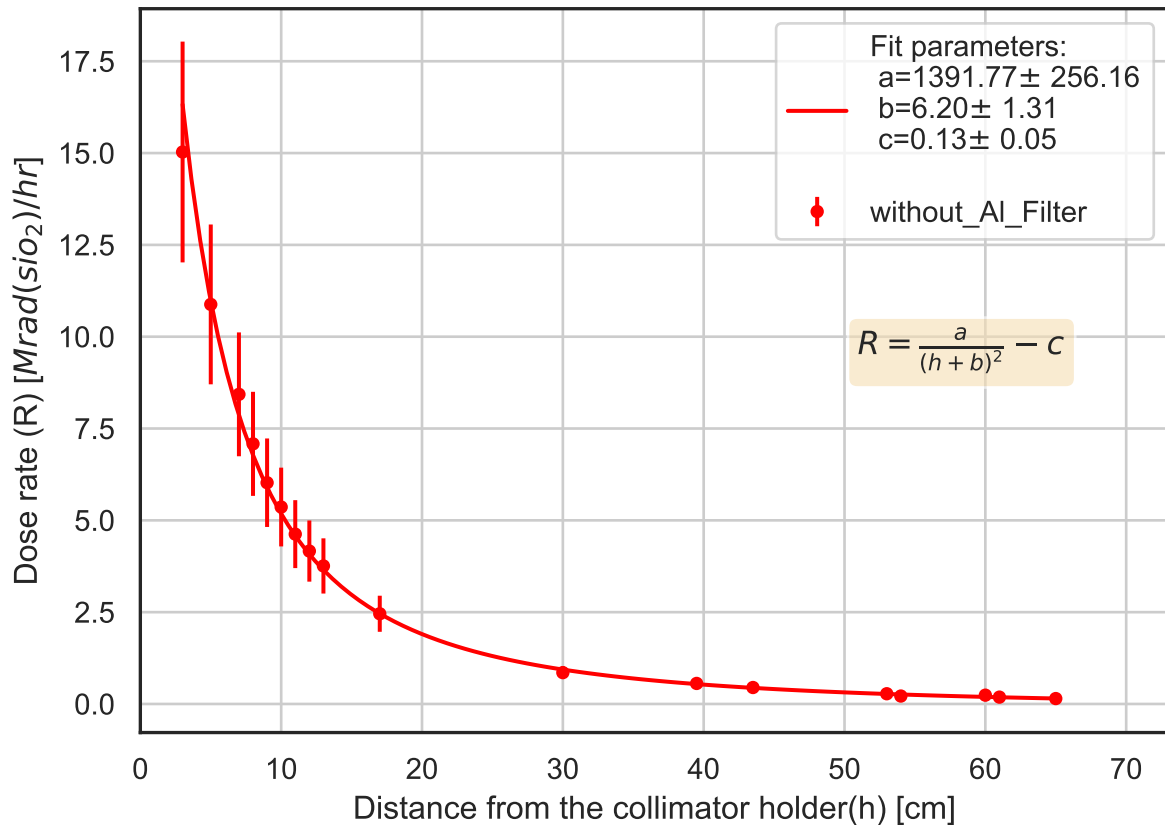
Radius covered by beam spot with \_Al\_Filter (40 kV and 50 mA)



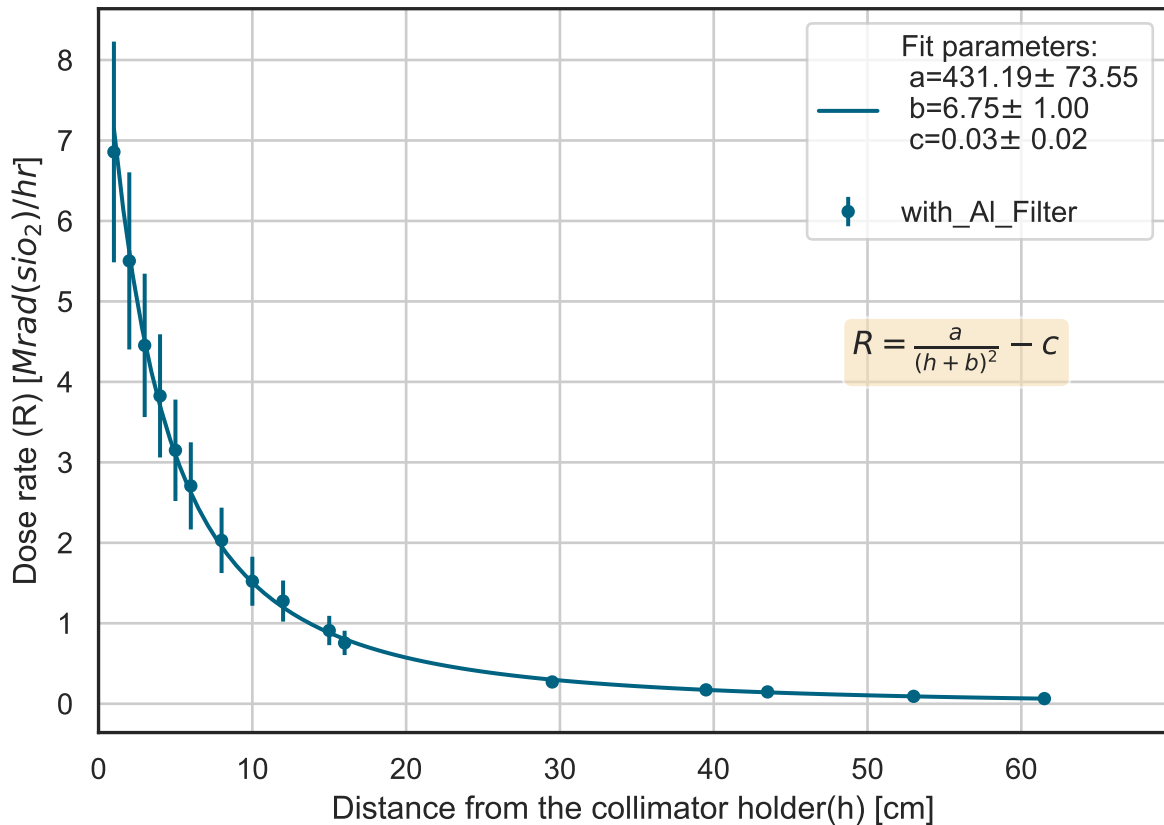
Diameter covered by beam spot with \_Al\_Filter



Dose rate vs distance without\_AI\_Filter at (40 kV and 50 mA)

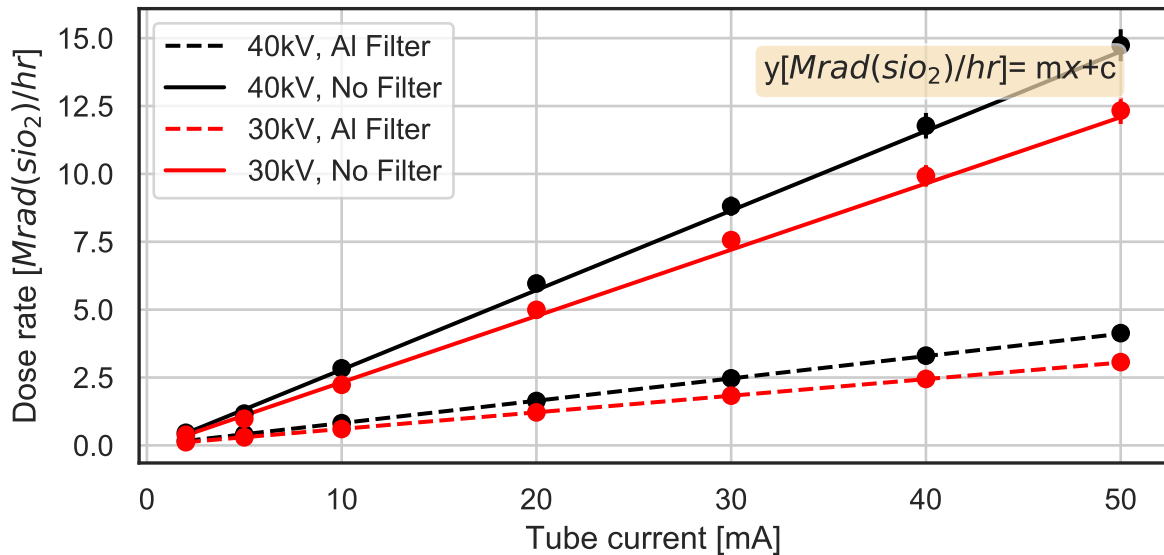


Dose rate vs distance with \_AI\_Filter at (40 kV and 50 mA)



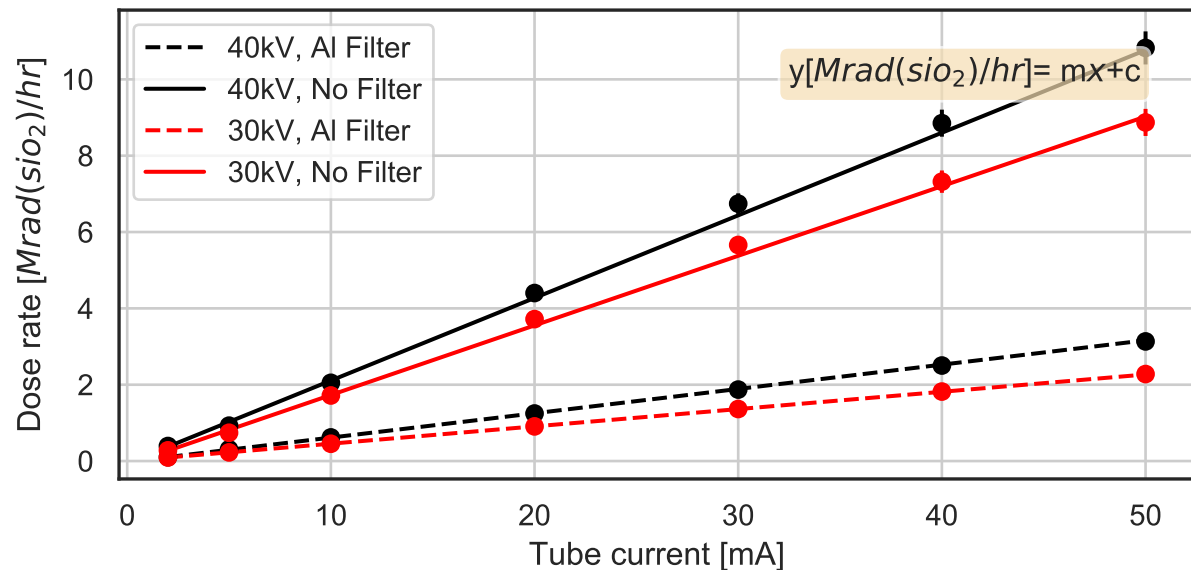


Calibration curve for 3cm



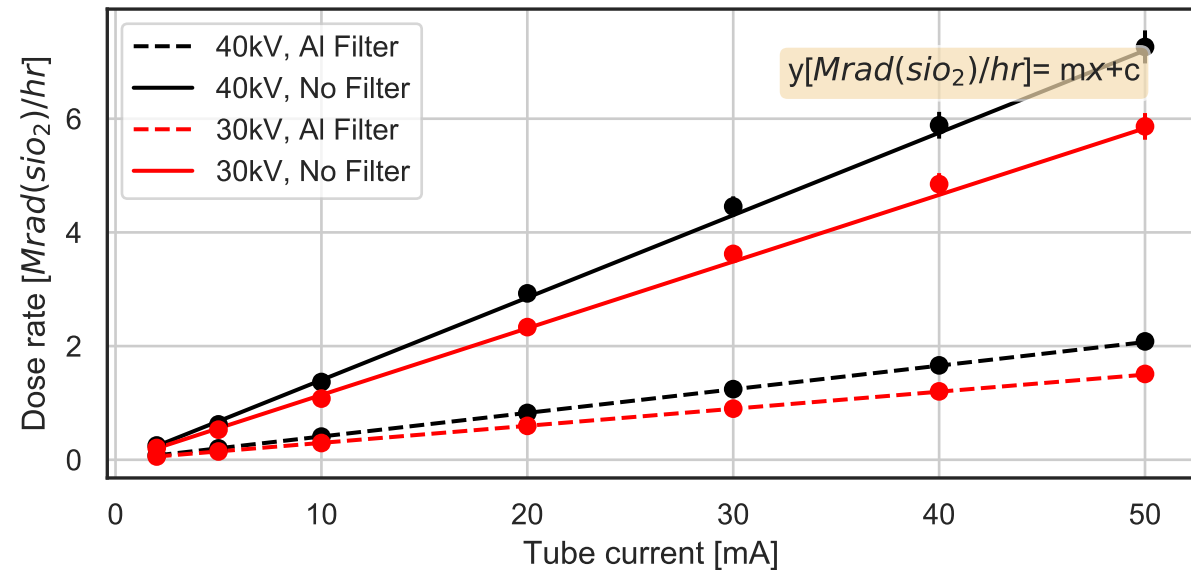
	m	c
40kV, Filter	0.08	-0.0
40kV, No Filter	0.29	-0.14
30kV, Filter	0.06	-0.01
30kV, No Filter	0.24	-0.12

Calibration curve for 5cm



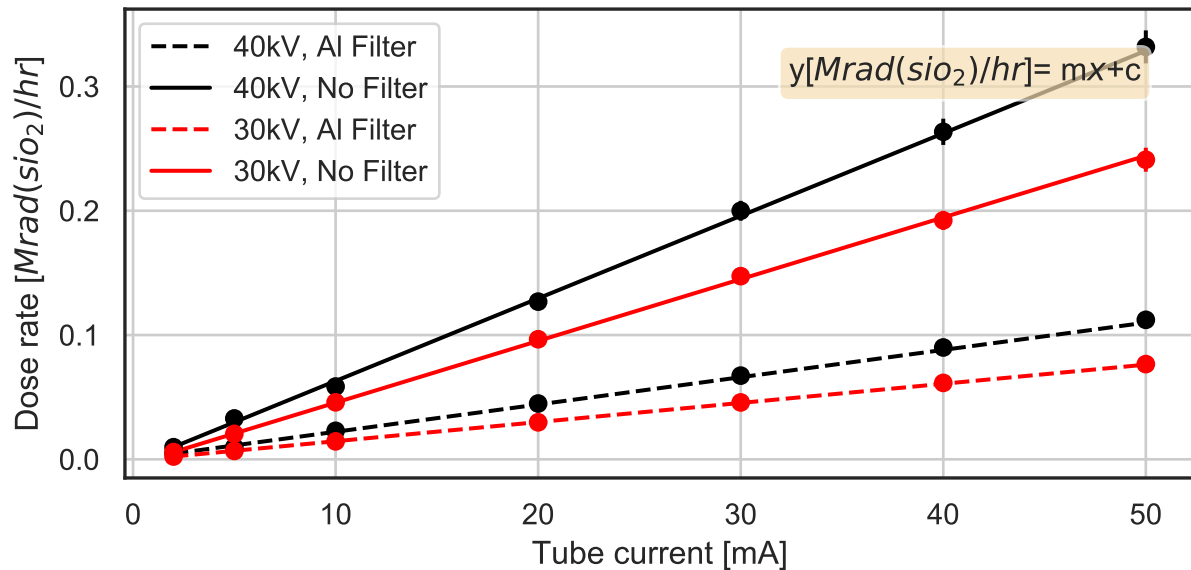
	m	c
Filter	0.06	-0.02
o Filter	0.22	-0.06
Filter	0.05	0.0
o Filter	0.18	-0.09

Calibration curve for 8cm



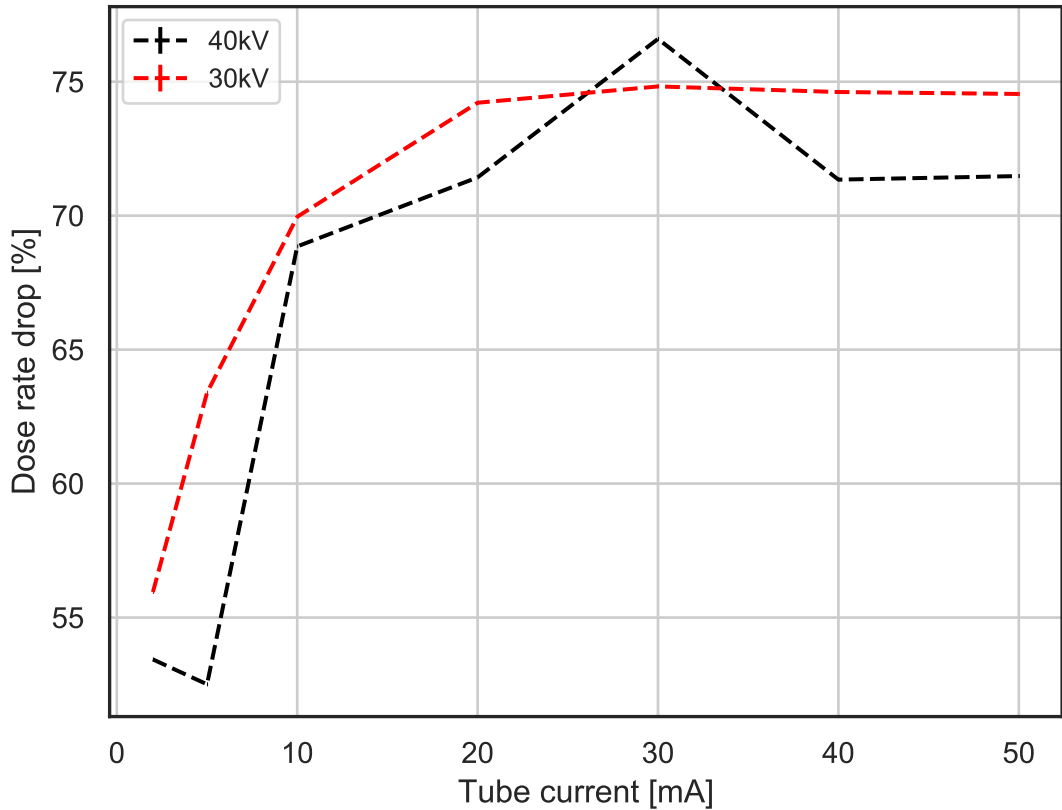
	m	c
Filter	0.04	-0.01
No Filter	0.15	-0.05
Filter	0.03	-0.0
No Filter	0.12	-0.03

Calibration curve for 51cm

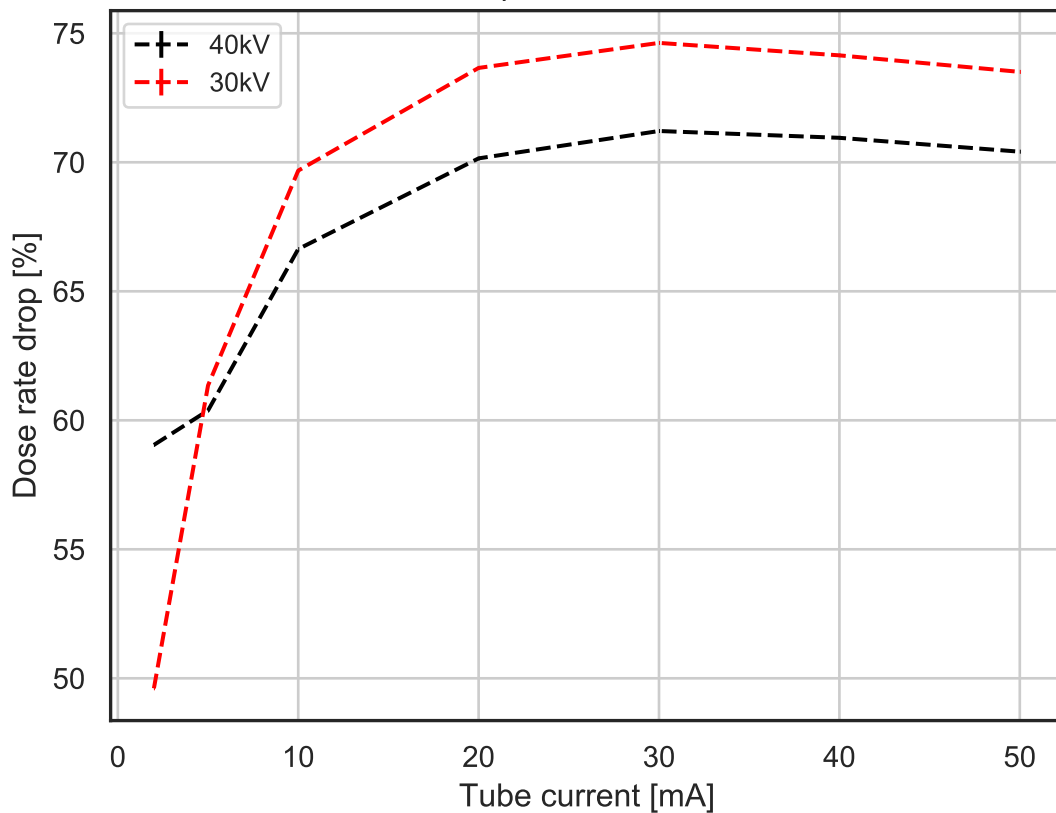


	m	c
Filter	0.0	0.0
o Filter	0.01	-0.0
Filter	0.0	-0.0
o Filter	0.0	-0.0

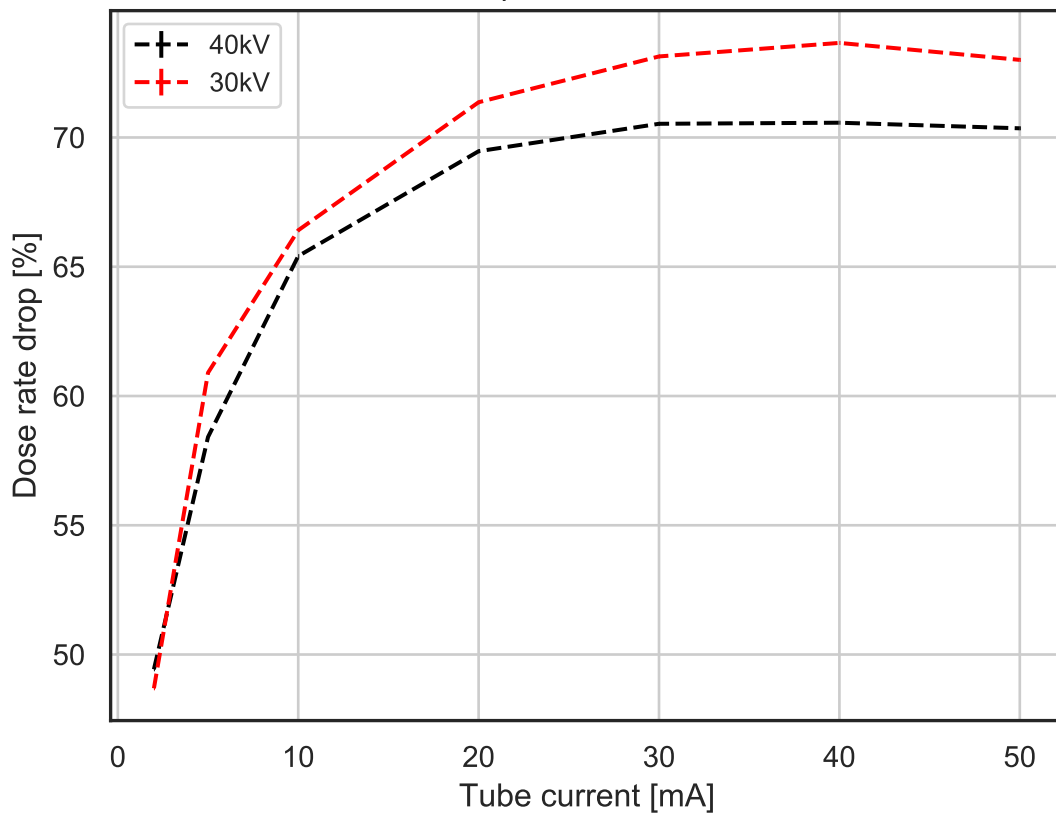
Dose drop after Al filter at 3cm



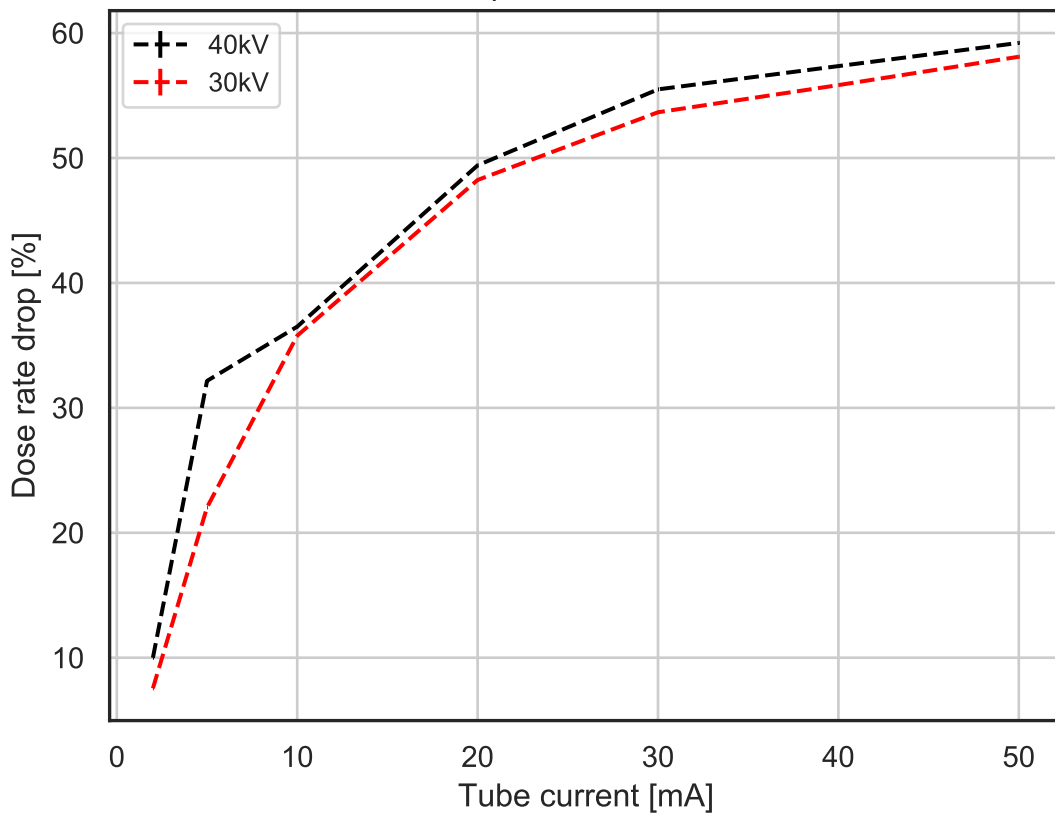
Dose drop after Al filter at 5cm



Dose drop after Al filter at 8cm

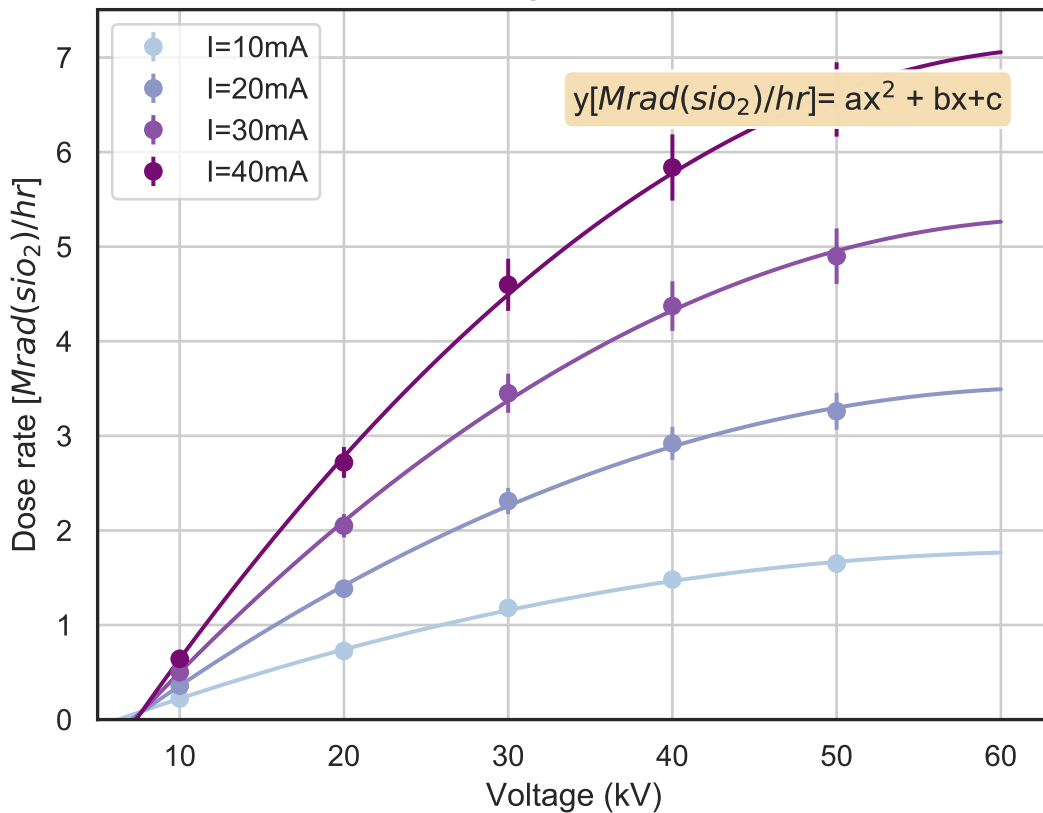


Dose drop after Al filter at 51cm

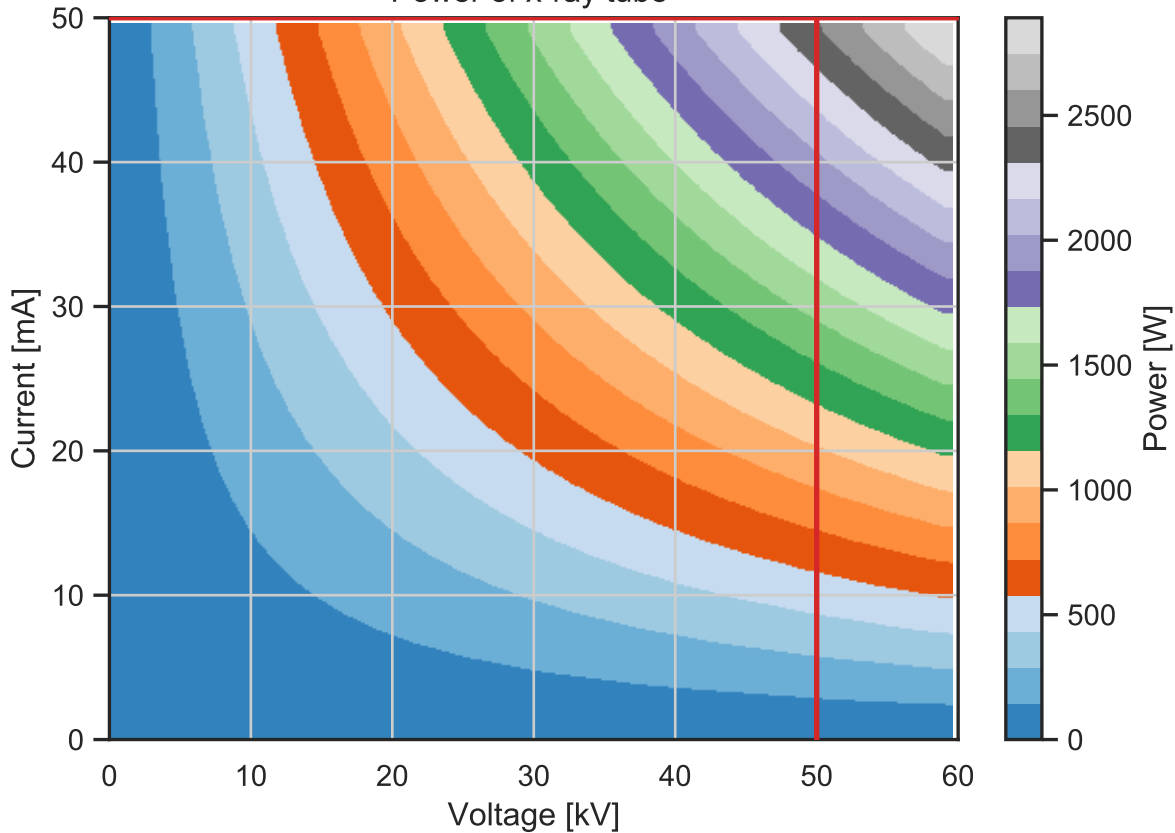




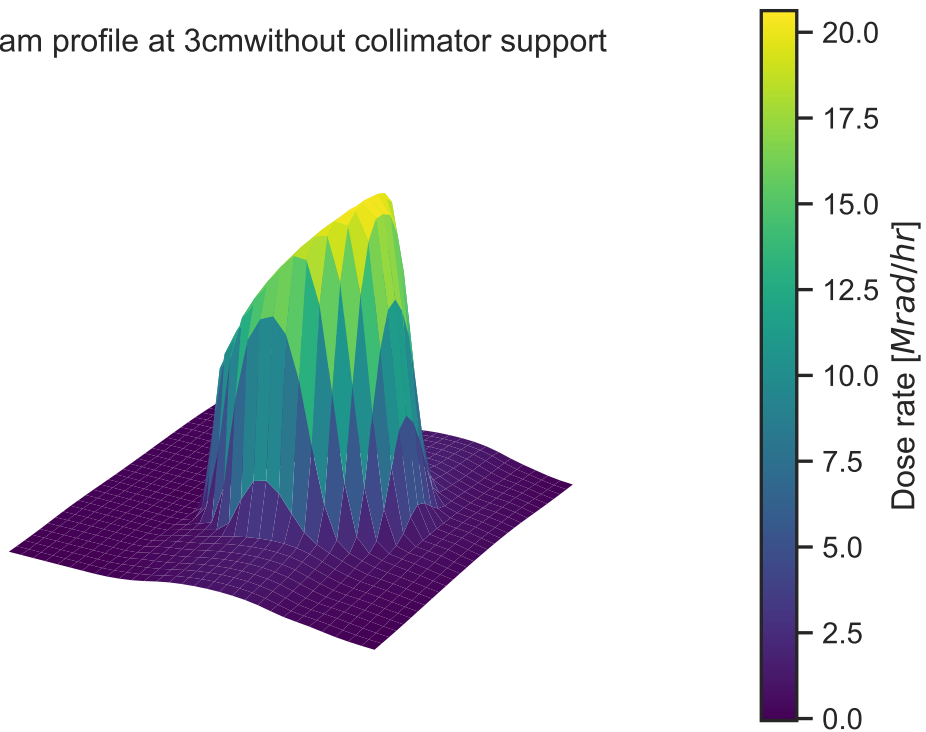
Effect of the tube voltage at 8cm for unfiltered beam



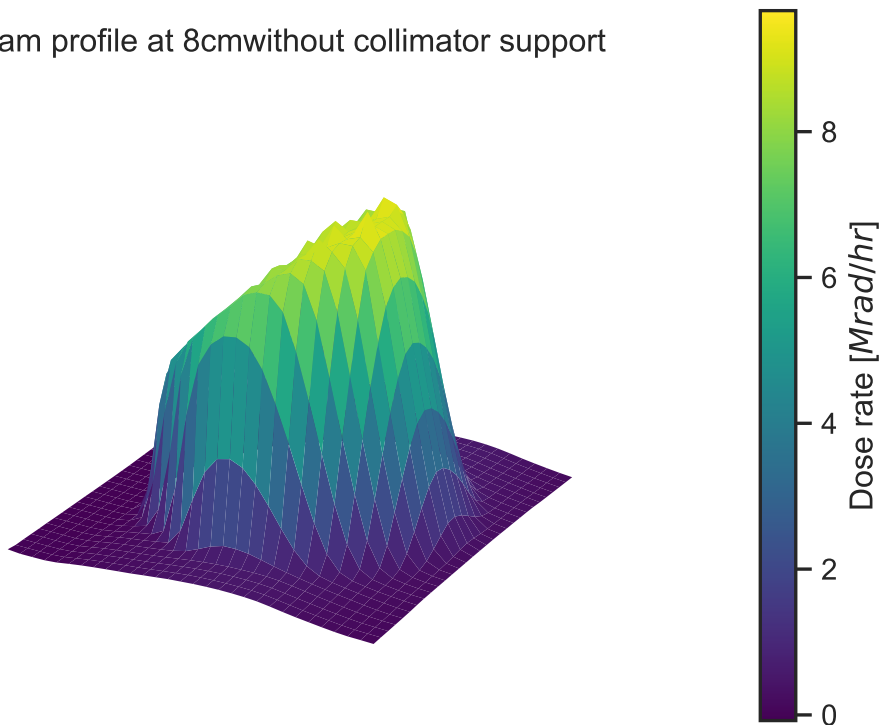
Power of x-ray tube



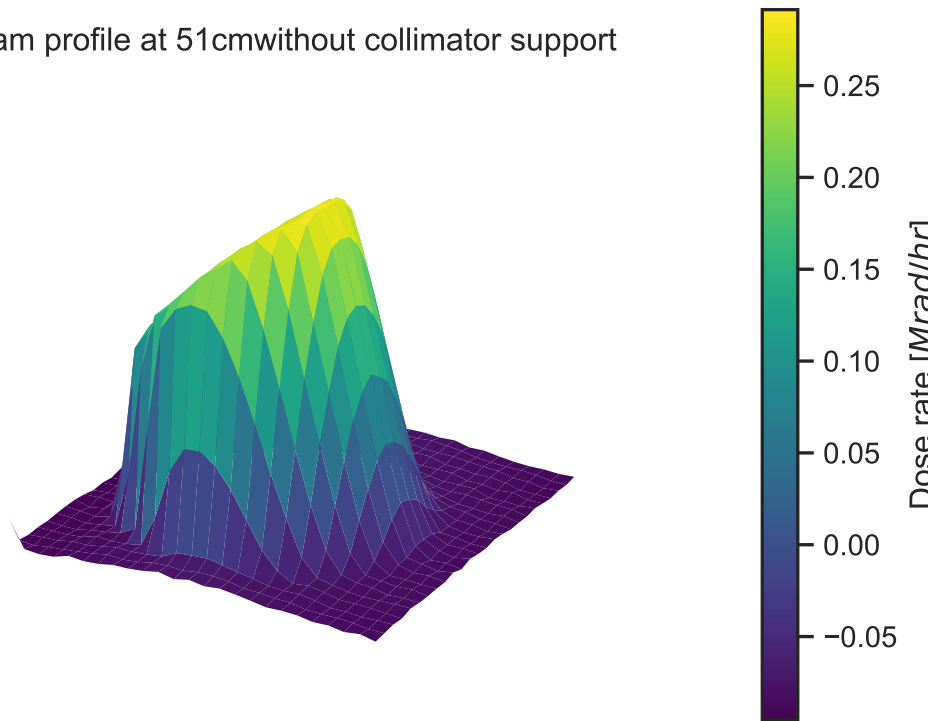
Beam profile at 3cm without collimator support



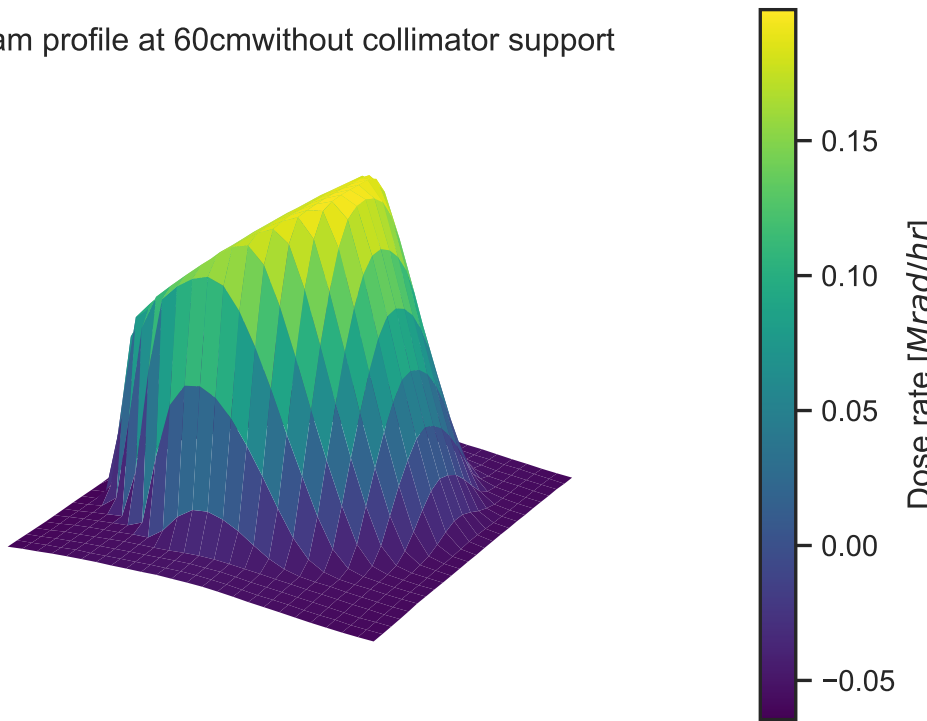
Beam profile at 8cm without collimator support



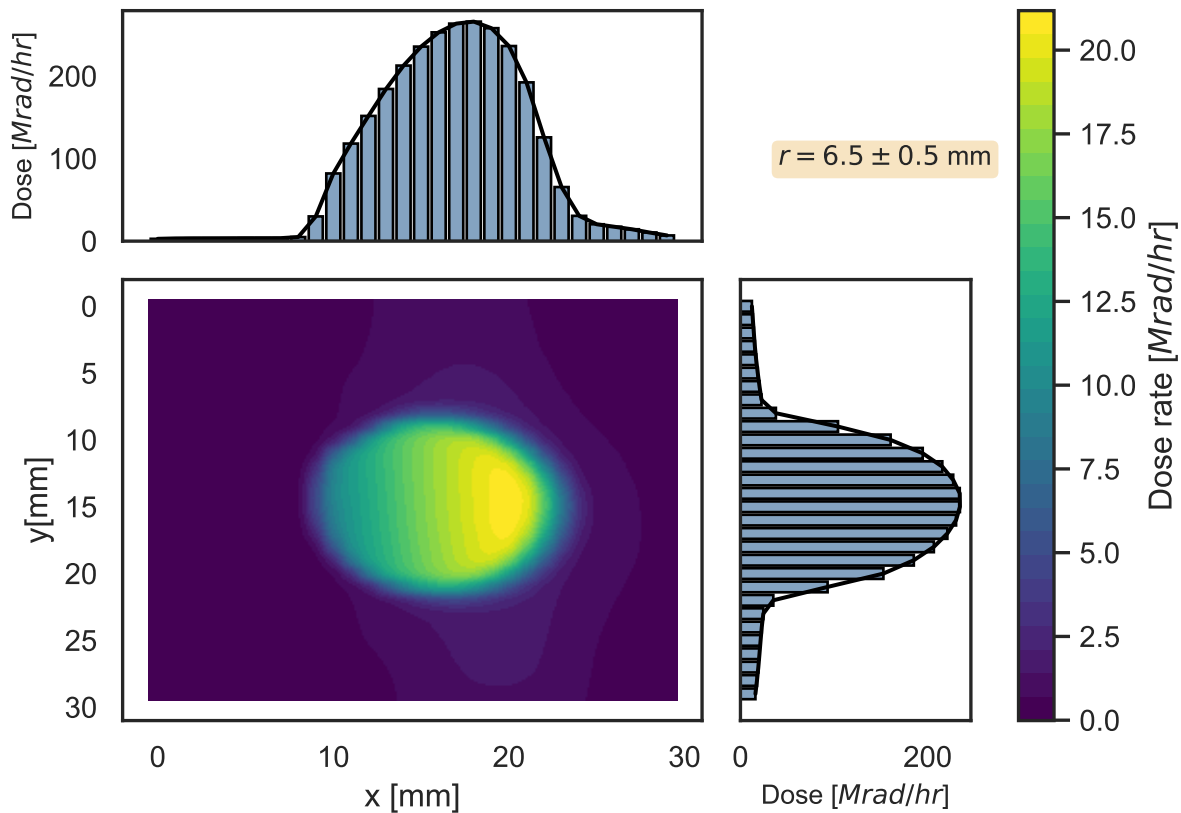
Beam profile at 51cm without collimator support



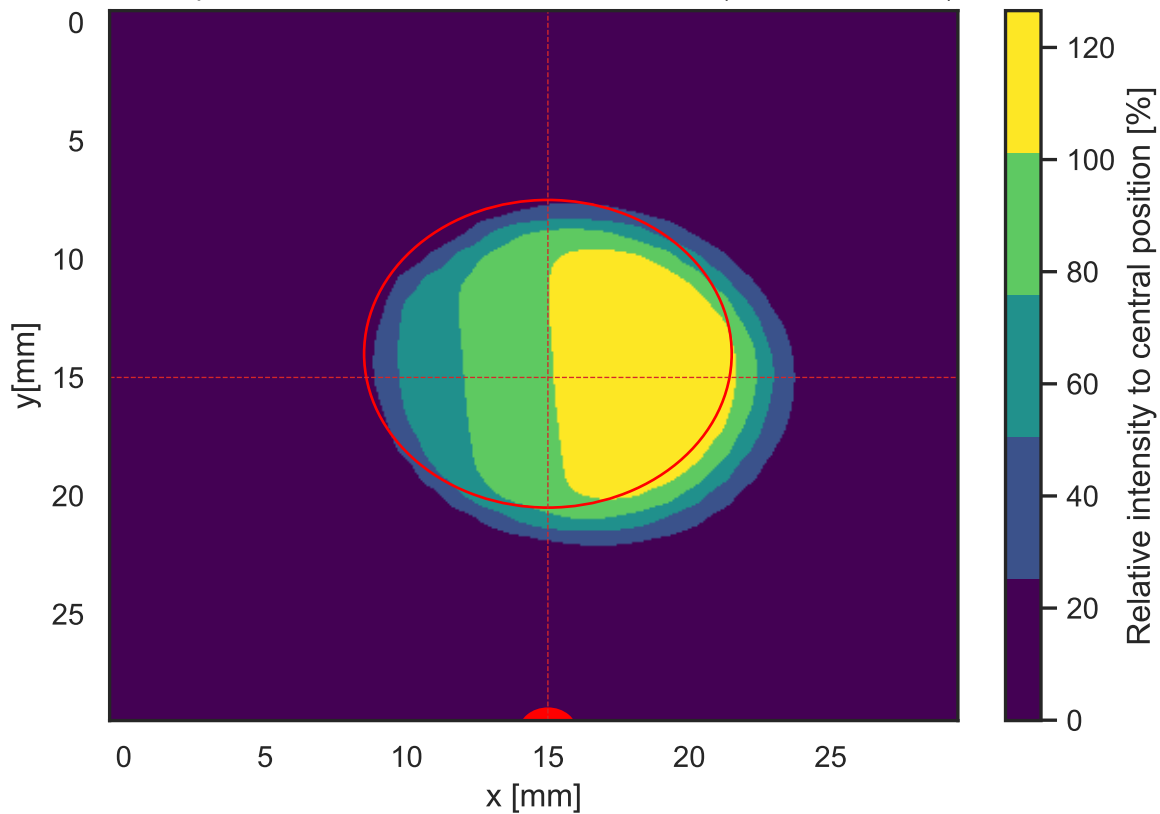
Beam profile at 60cm without collimator support



Beam profile at 3cm from the collimator holder (40 kV and 50mA)

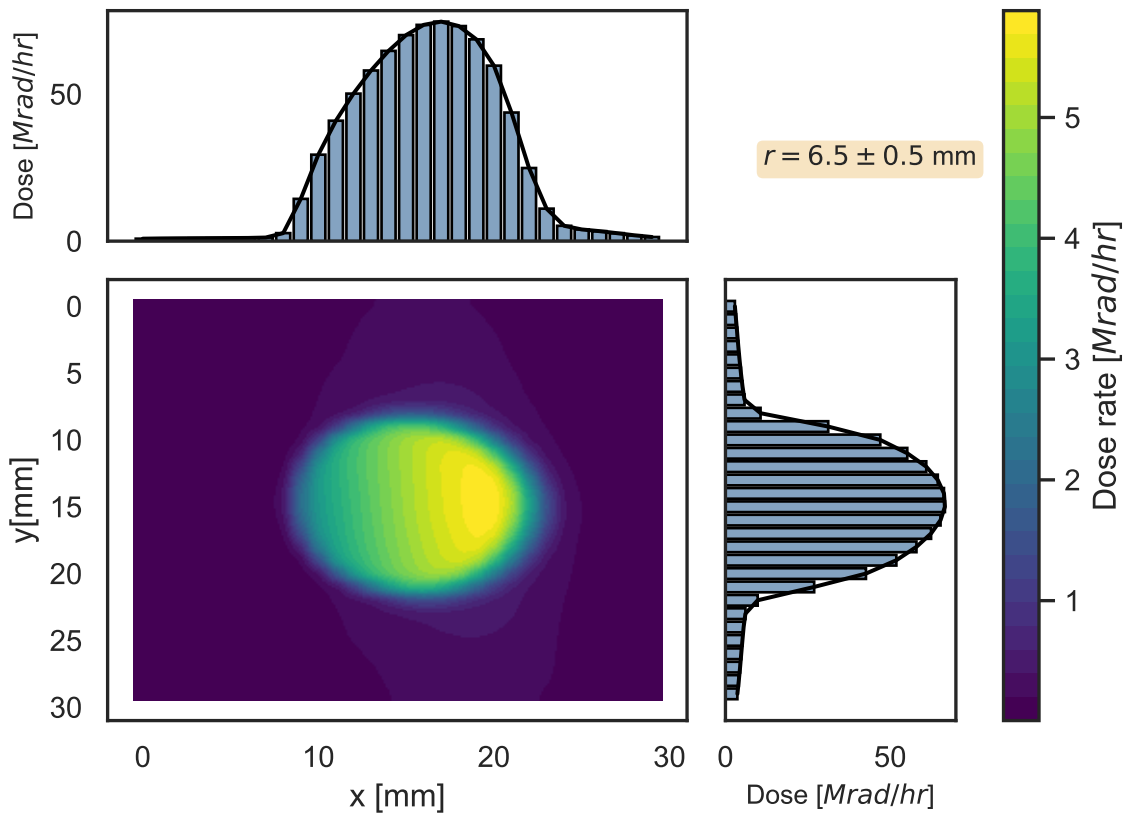


Beam profile at 3cm from the collimator holder (40 kV and 50mA)

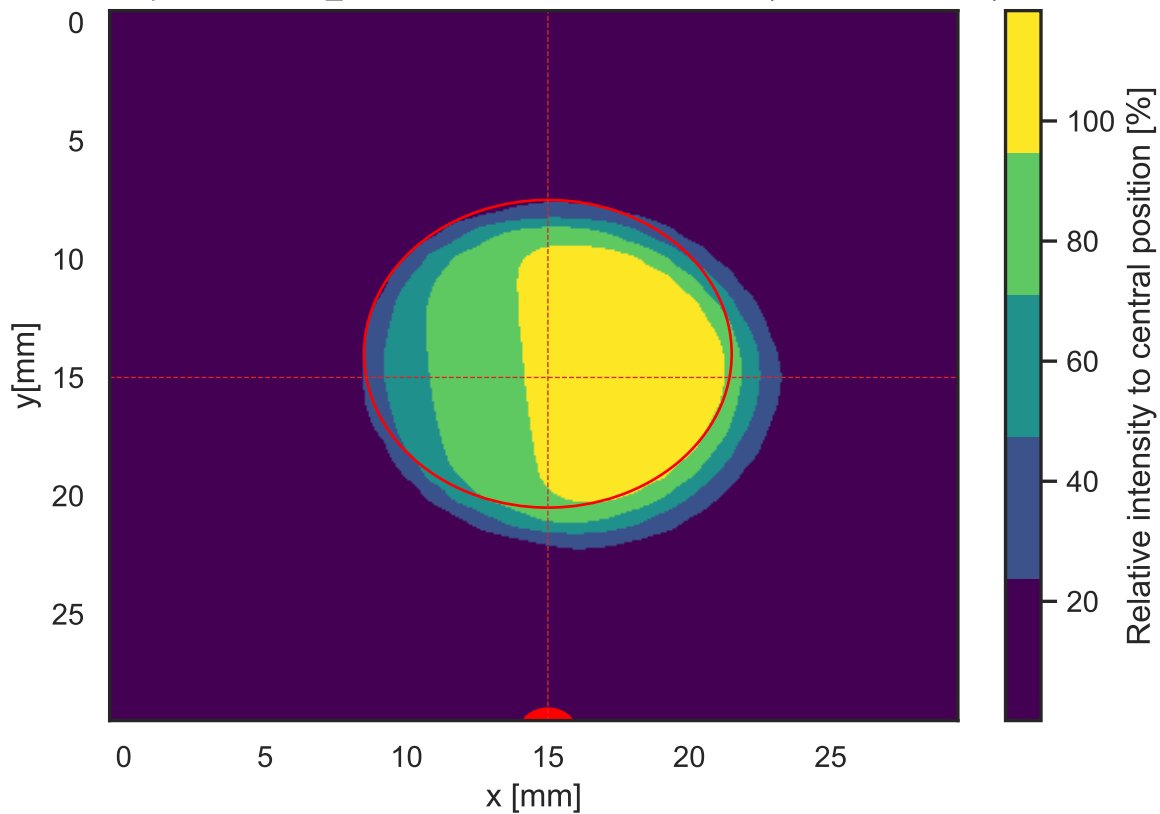




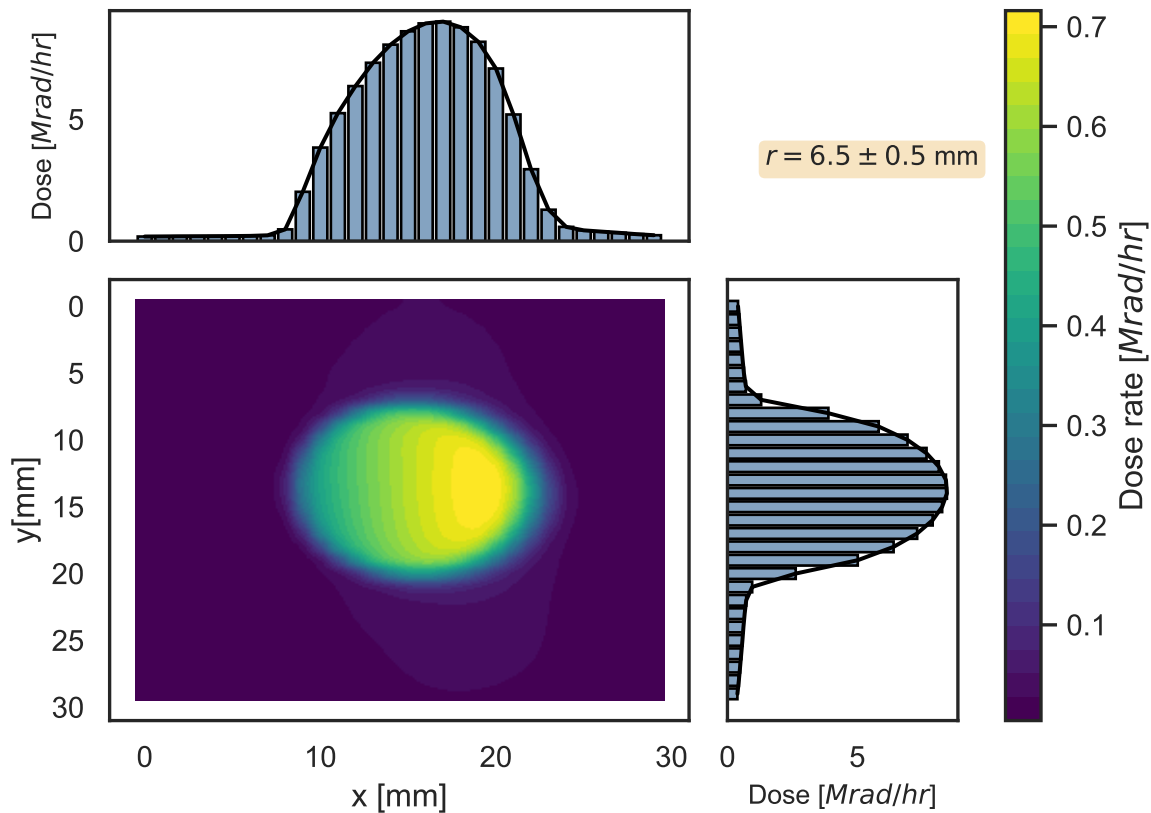
Beam profile at 3cm\_Vfilter from the collimator holder (40 kV and 50mA)



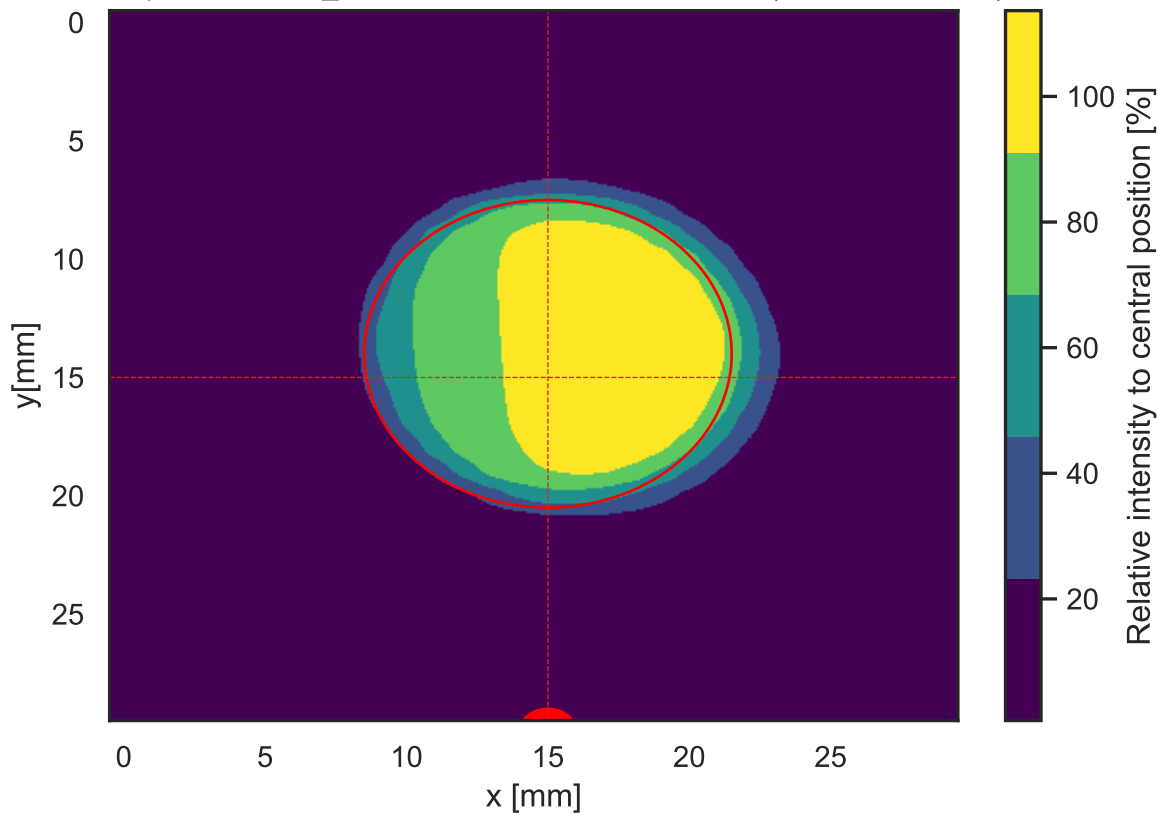
Beam profile at 3cm\_Vfilter from the collimator holder (40 kV and 50mA)



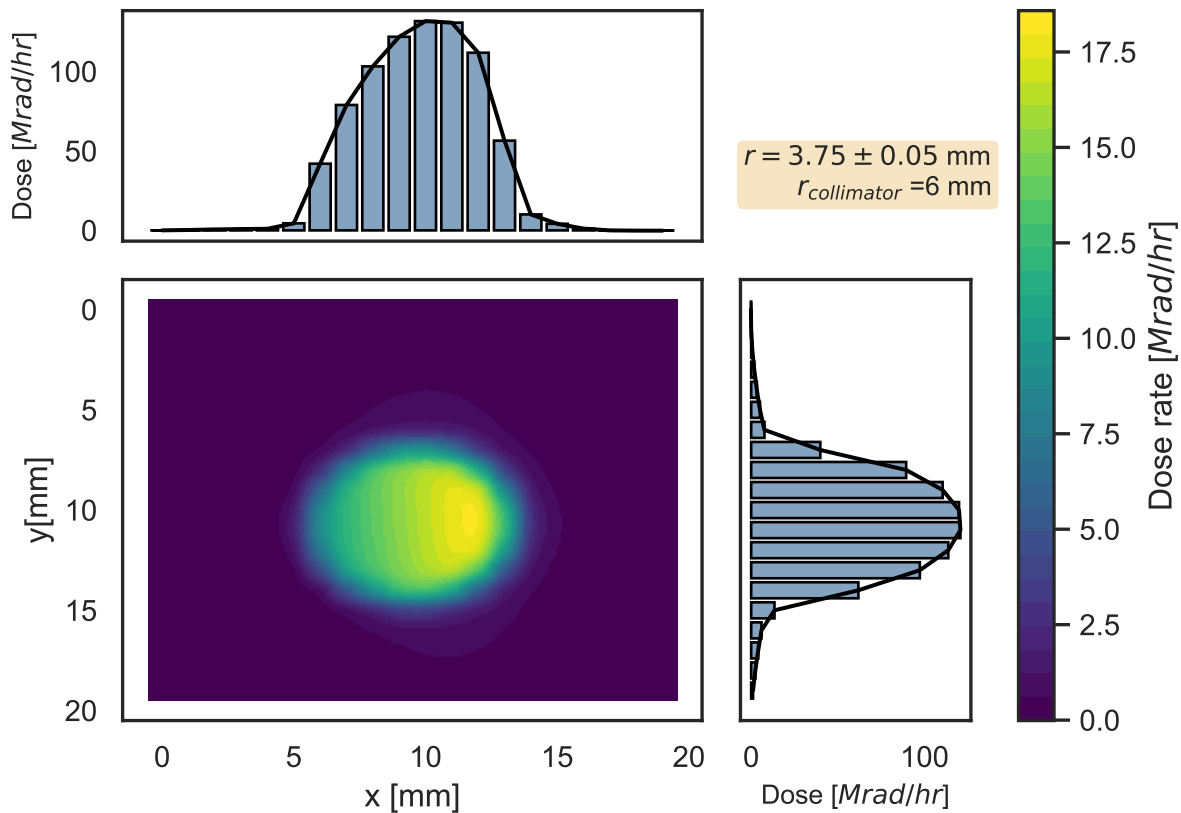
Beam profile at 3cm\_Zrfilter from the collimator holder (40 kV and 50mA)



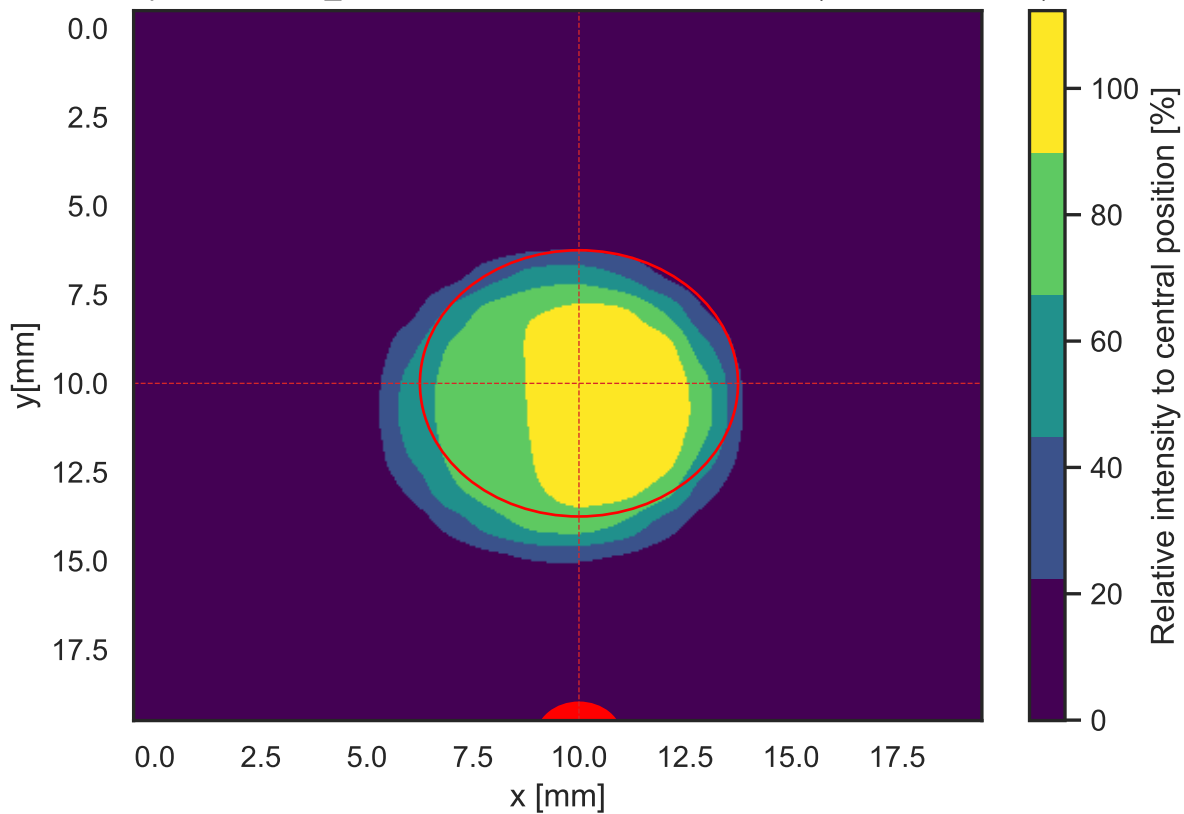
Beam profile at 3cm\_Zrfilter from the collimator holder (40 kV and 50mA)



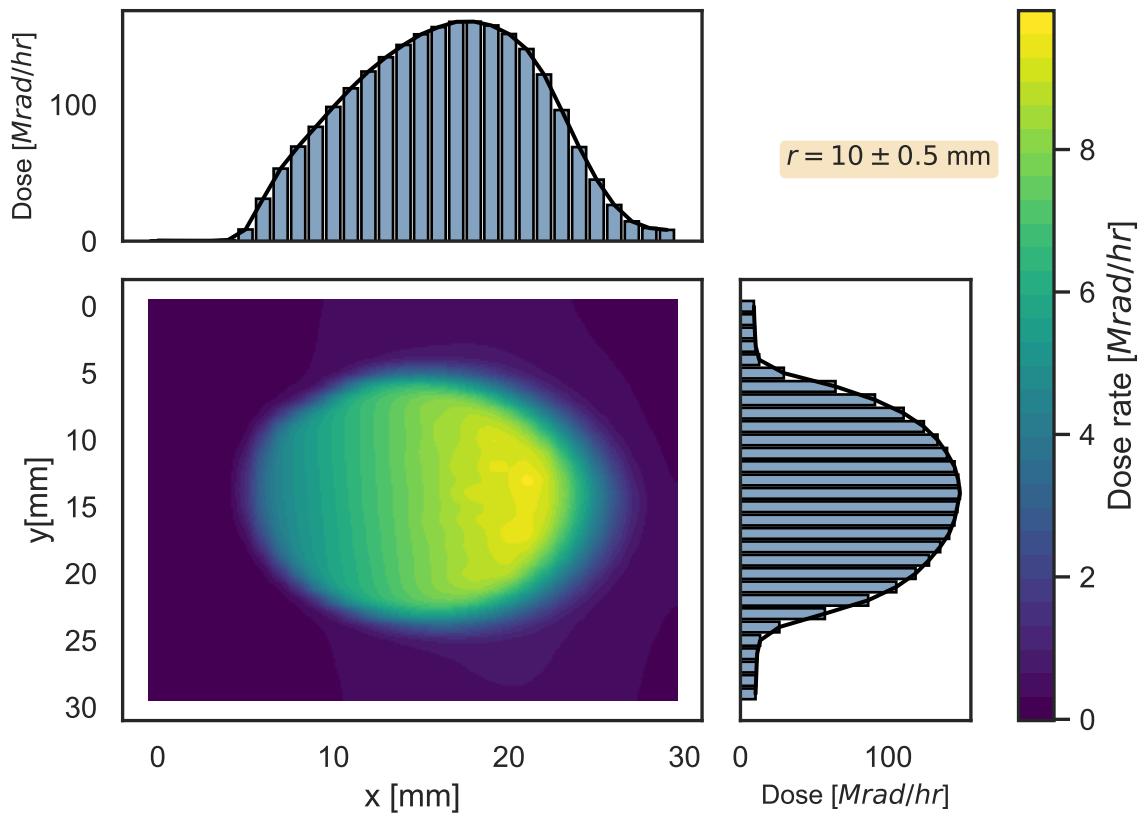
Beam profile at 3cm\_collimator from the collimator holder (40 kV and 50mA)



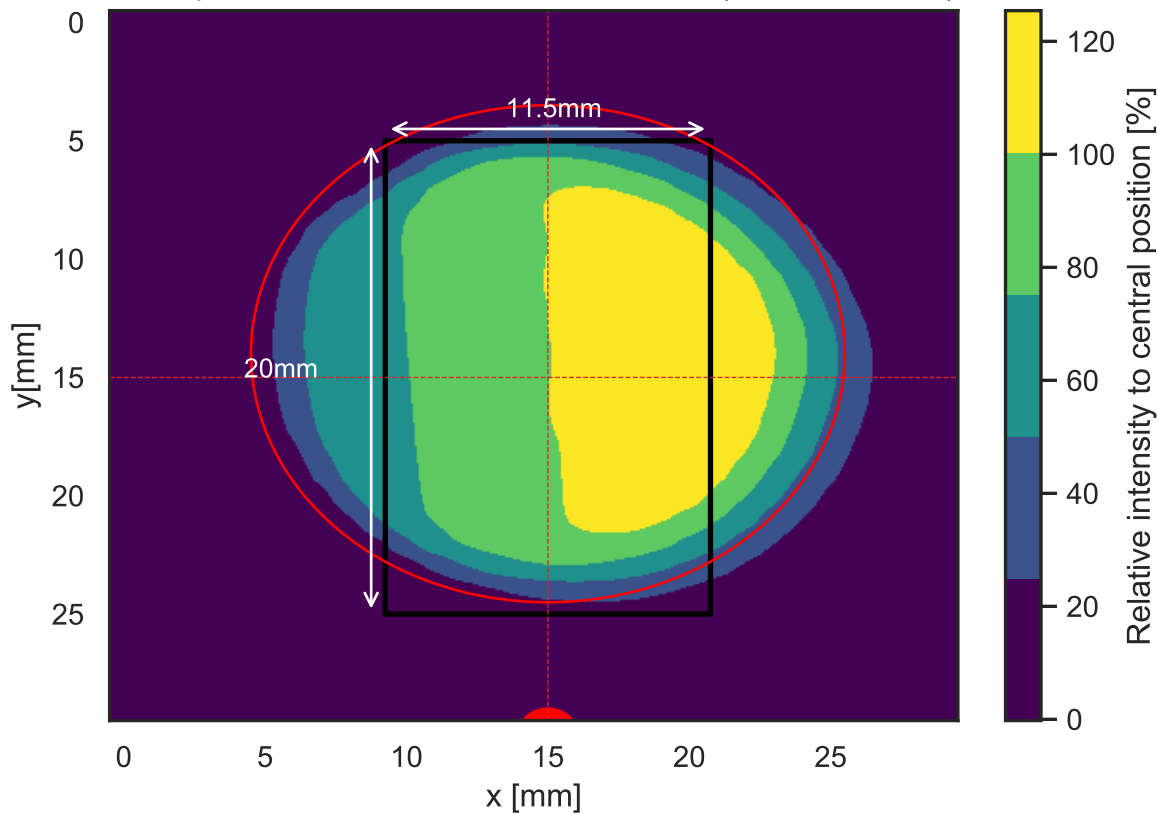
Beam profile at 3cm\_collimator from the collimator holder (40 kV and 50mA)



Beam profile at 8cm from the collimator holder (40 kV and 50mA)

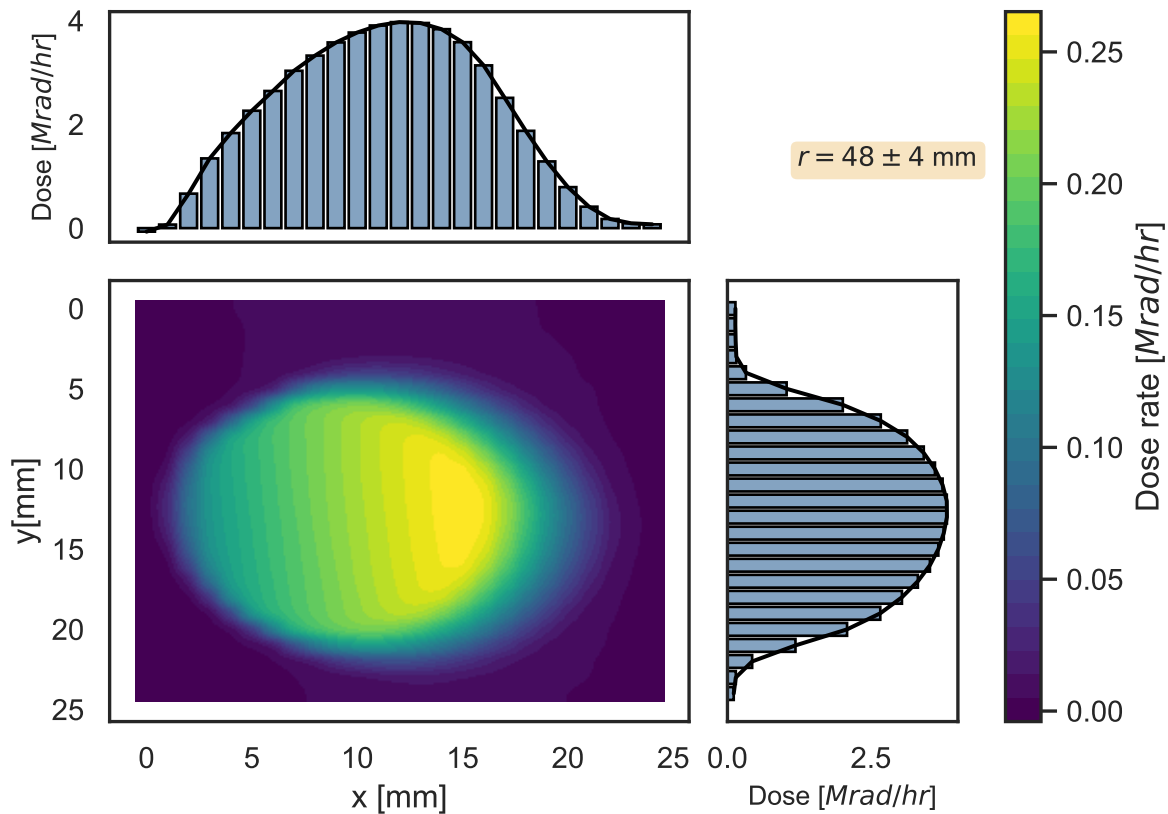


Beam profile at 8cm from the collimator holder (40 kV and 50mA)

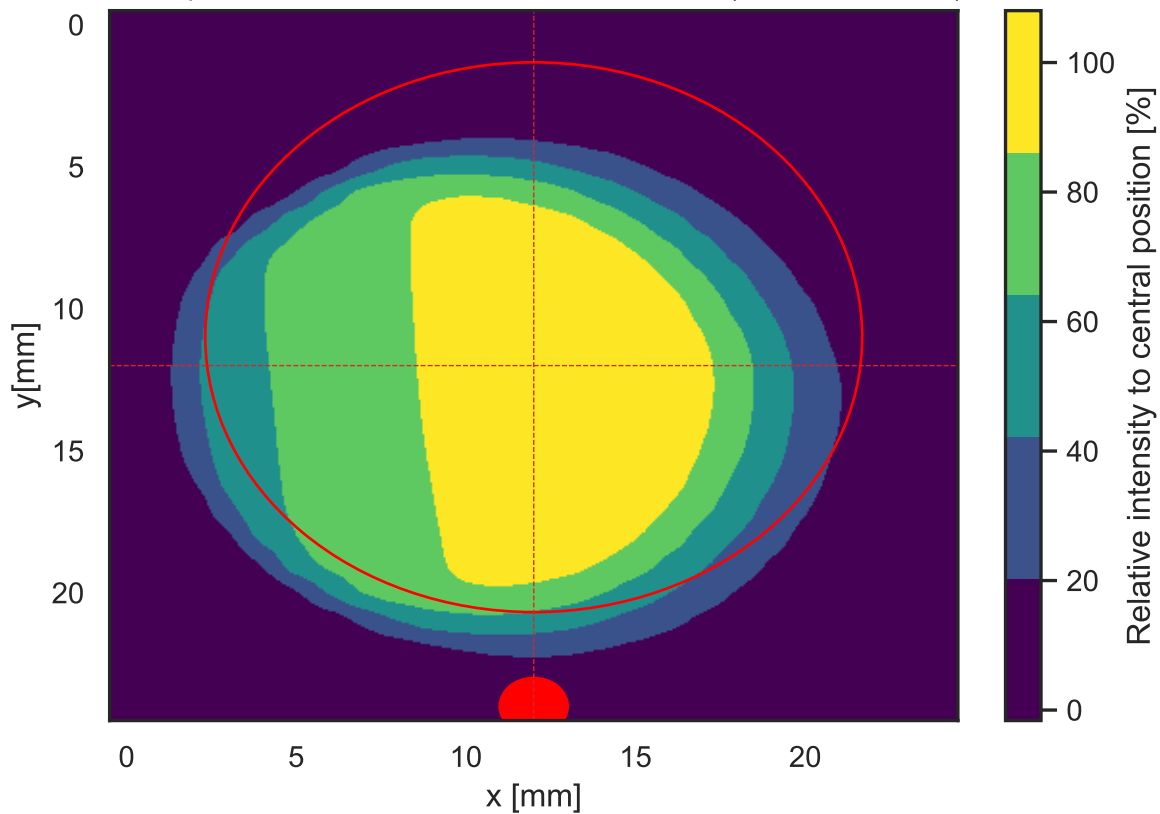




Beam profile at 60cm from the collimator holder (40 kV and 50mA)



Beam profile at 60cm from the collimator holder (40 kV and 50mA)



beamspot at distance 60 cm, tube parameter: 40 kV, 50 mA, no filter

