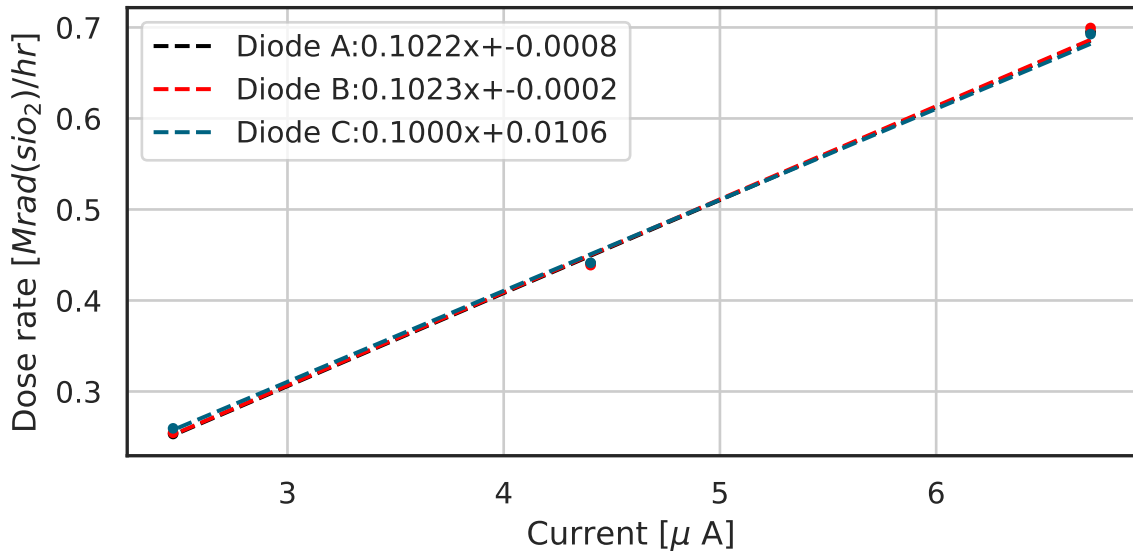
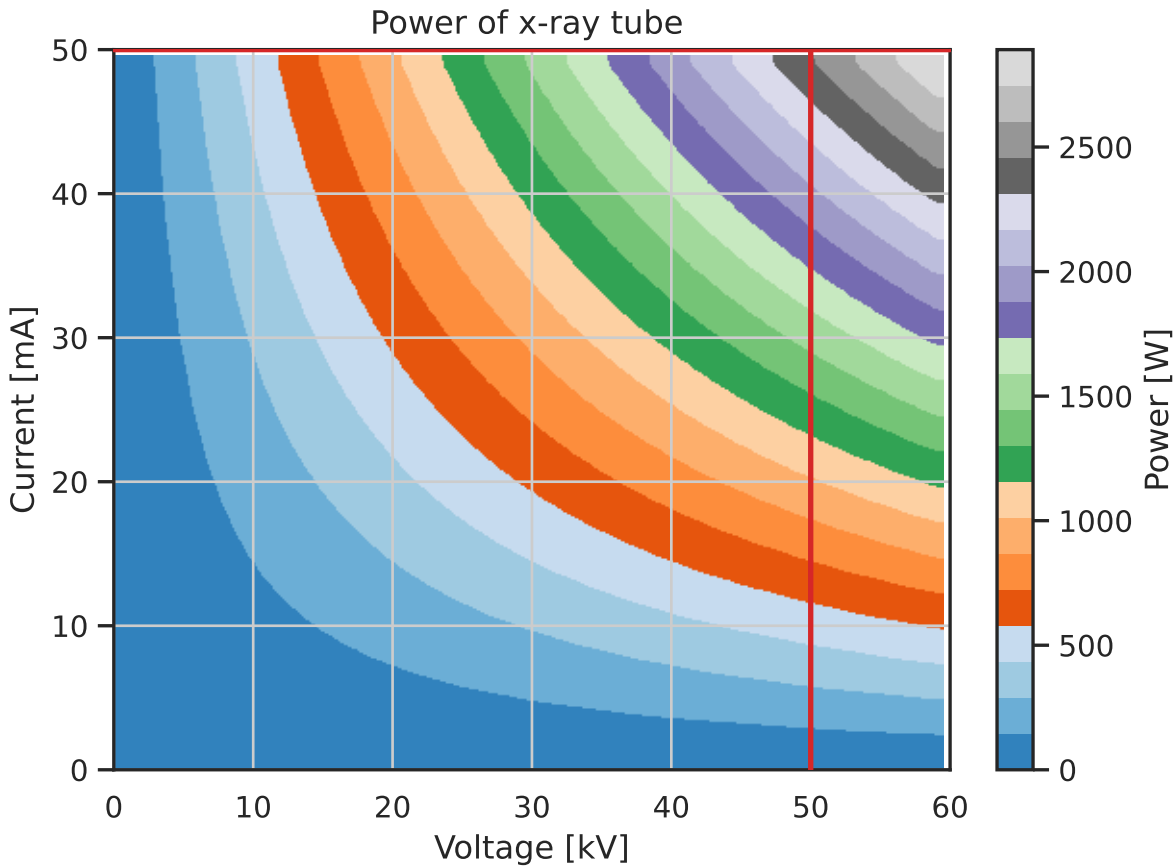
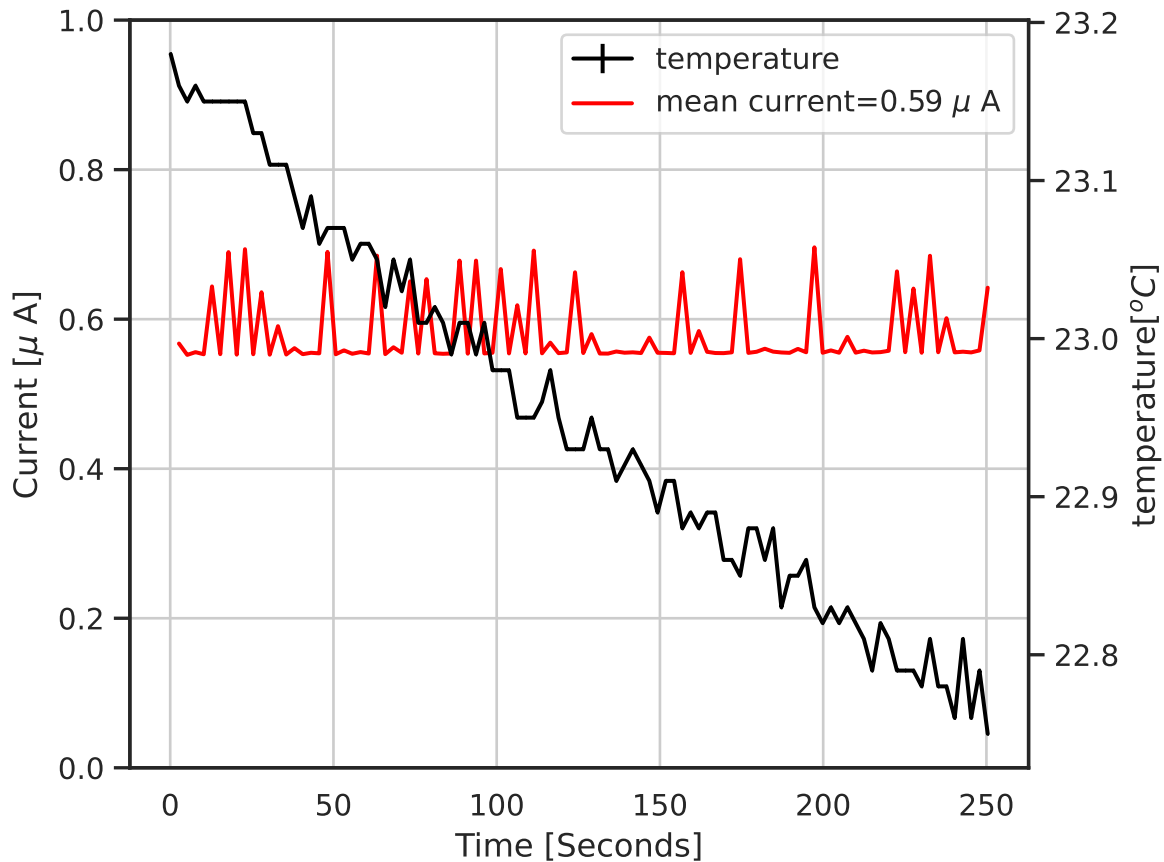


(Diode calibration at 40kV and 50mA)

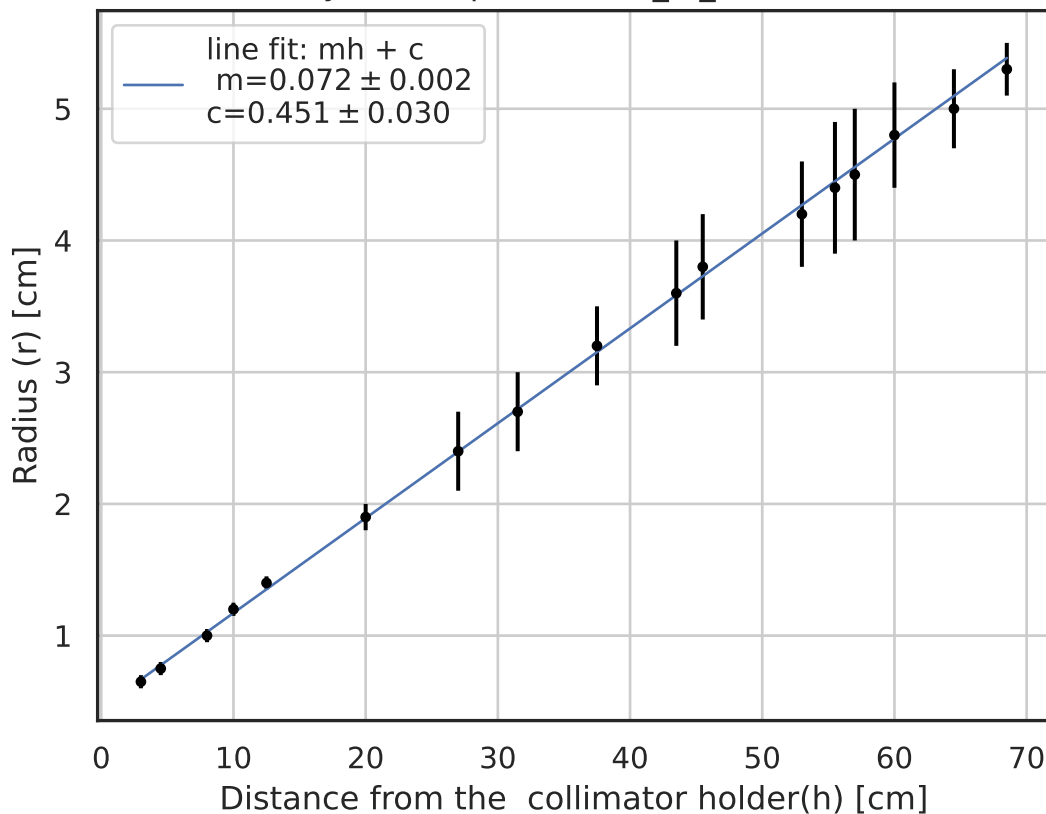


	3 cm	5 cm	8 cm	Mean factor
Diode A	9.674	10.02	9.847	9.847
Diode B	9.625	10.066	9.761	9.817
Diode C	9.708	10.015	9.602	9.775

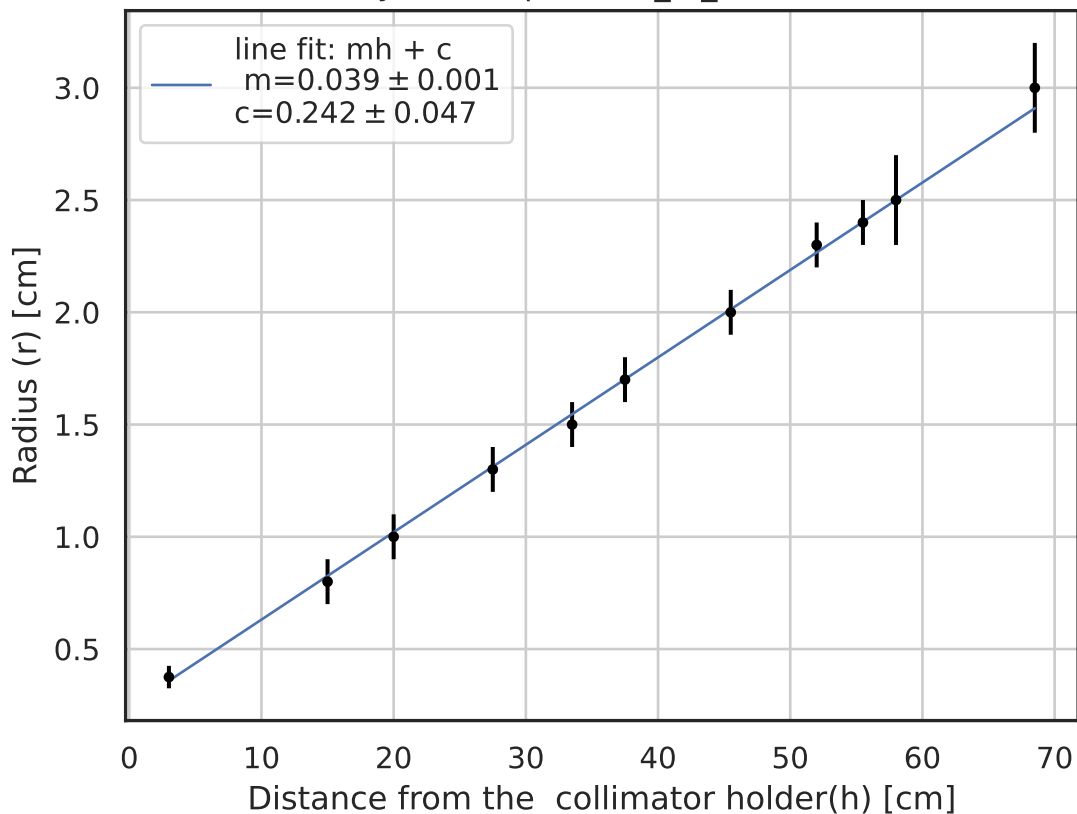




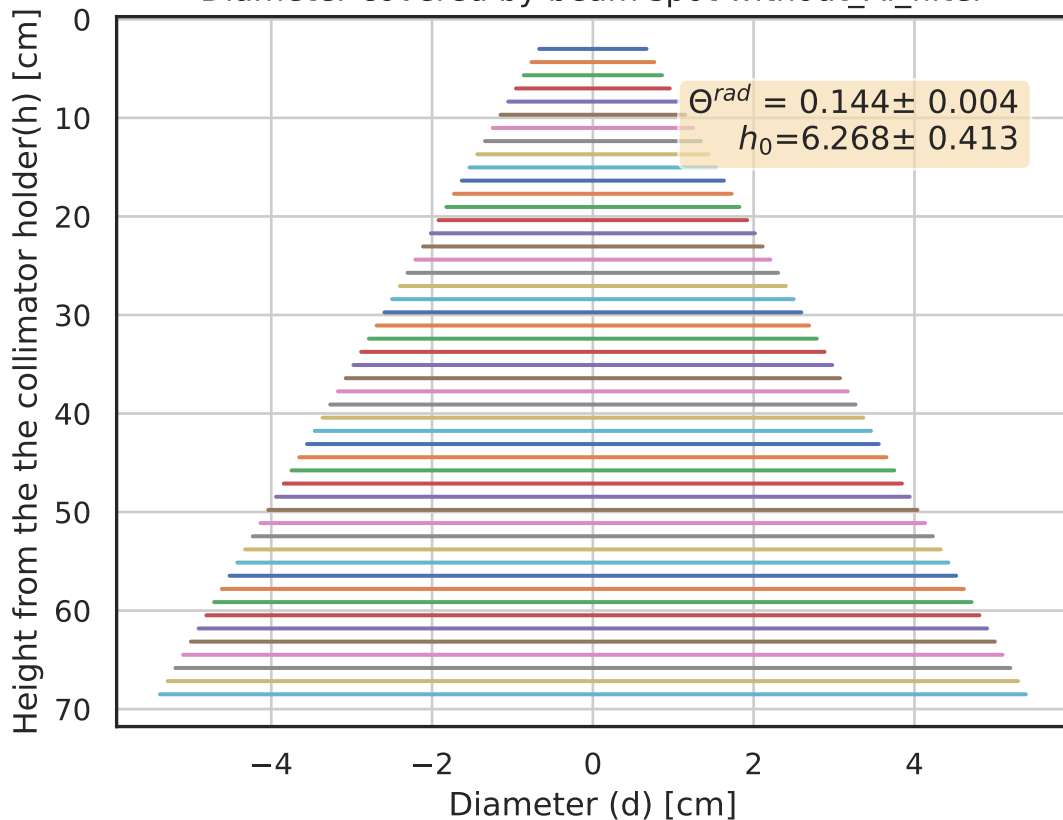
Radius covered by beam spot without_Al_filter (40 kV and 50 mA)



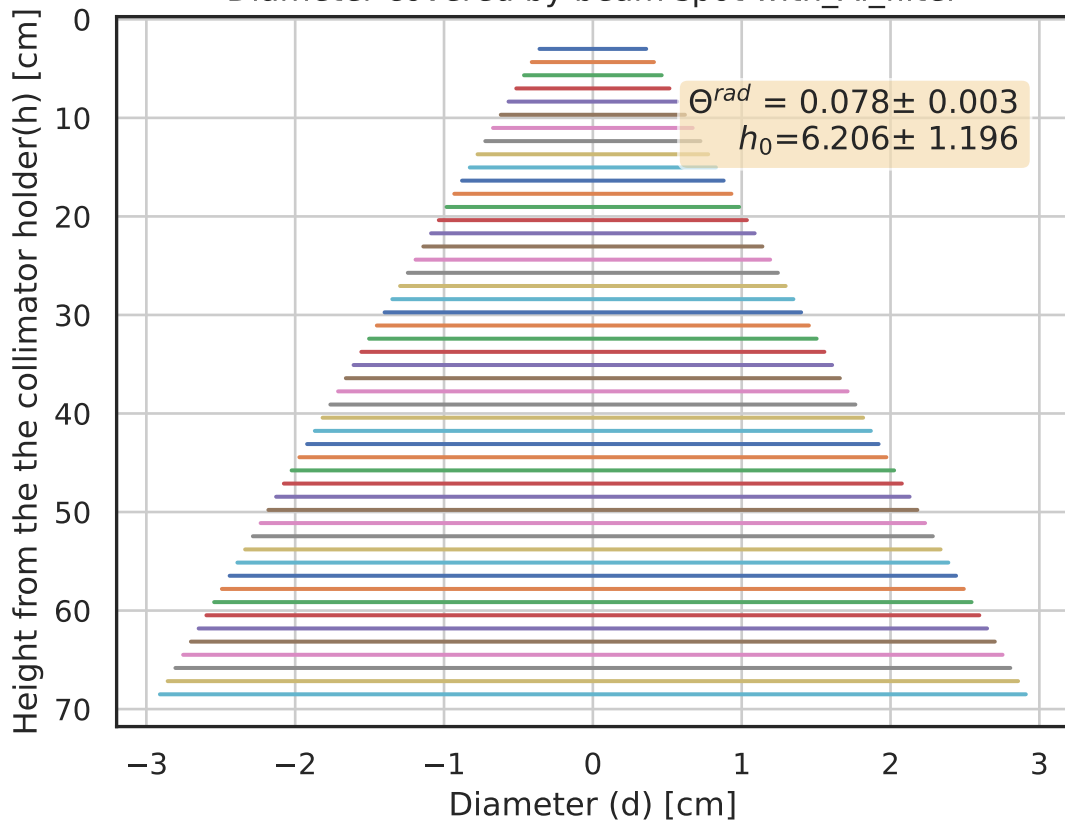
Radius covered by beam spot with_Al_filter (40 kV and 50 mA)



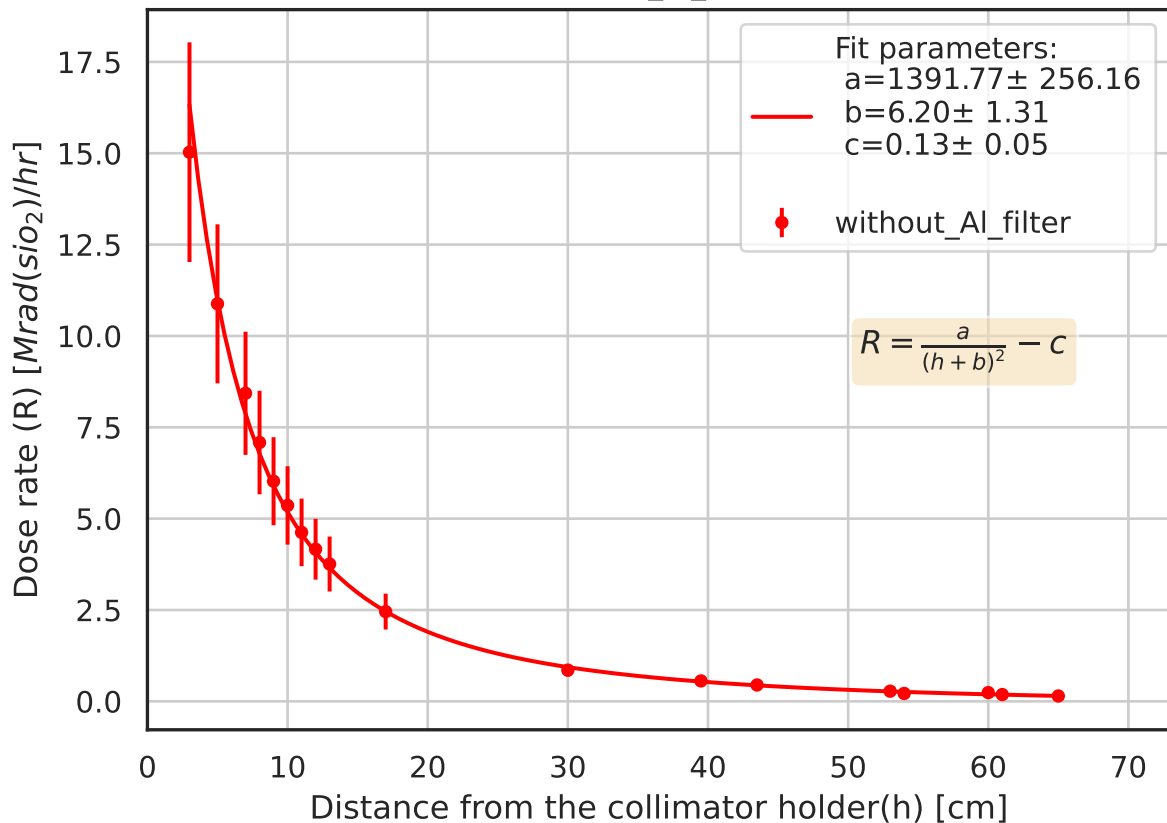
Diameter covered by beam spot without_Al_filter



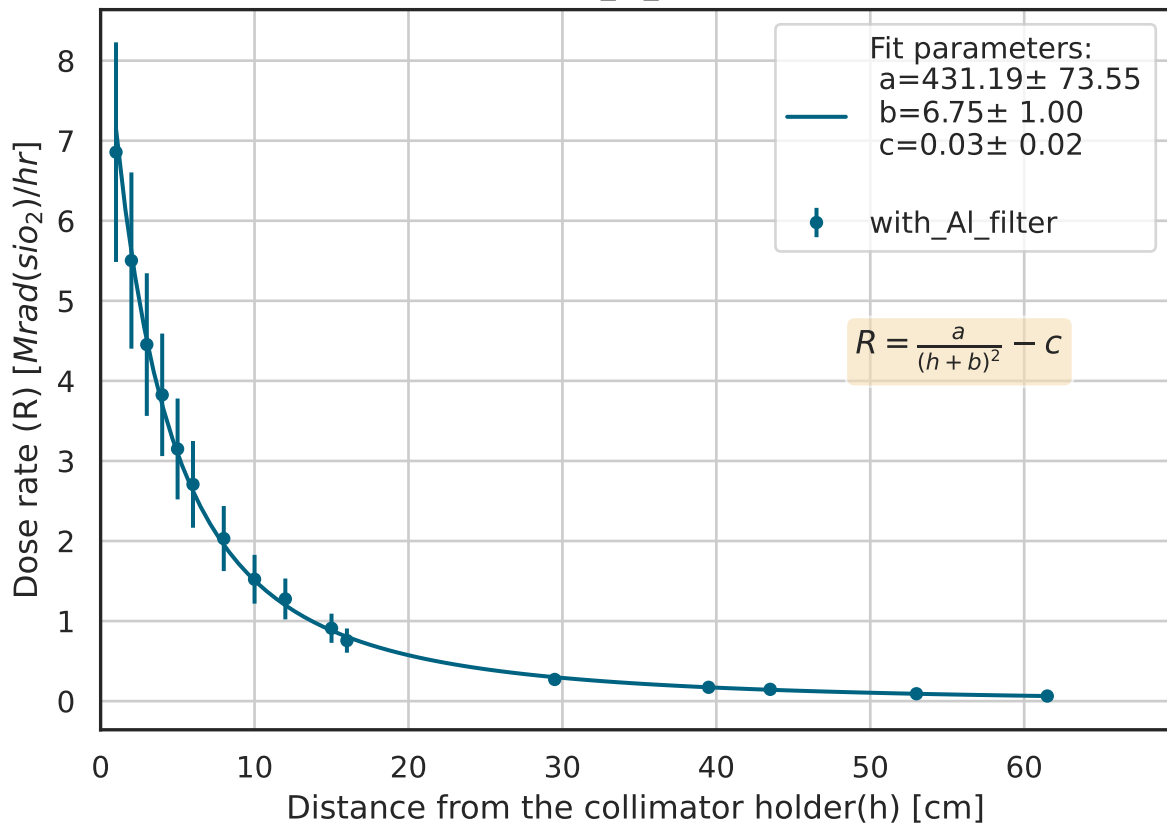
Diameter covered by beam spot with _Al_filter



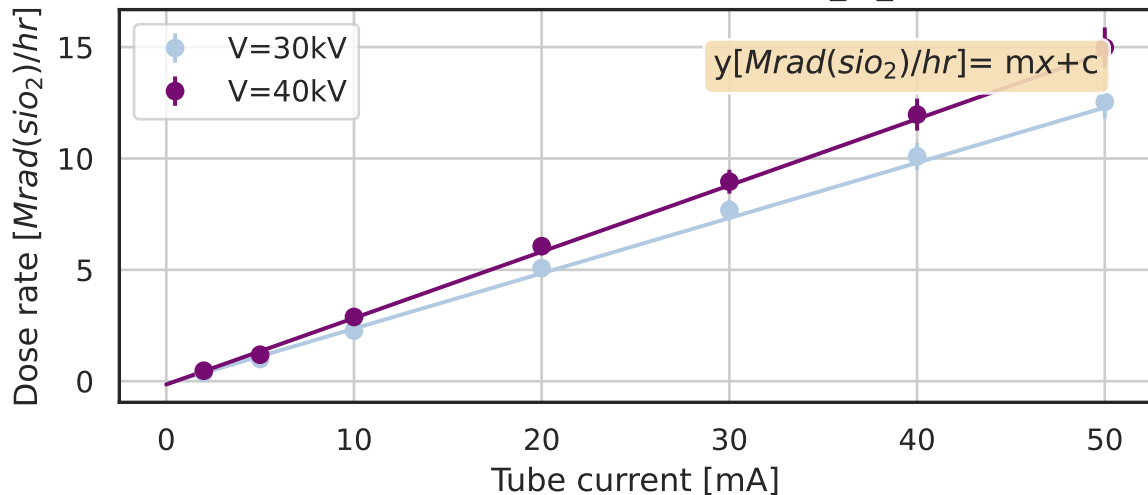
Dose rate vs distance without_AI_filter at (40 kV and 50 mA)



Dose rate vs distance with_Al_filter at (40 kV and 50 mA)

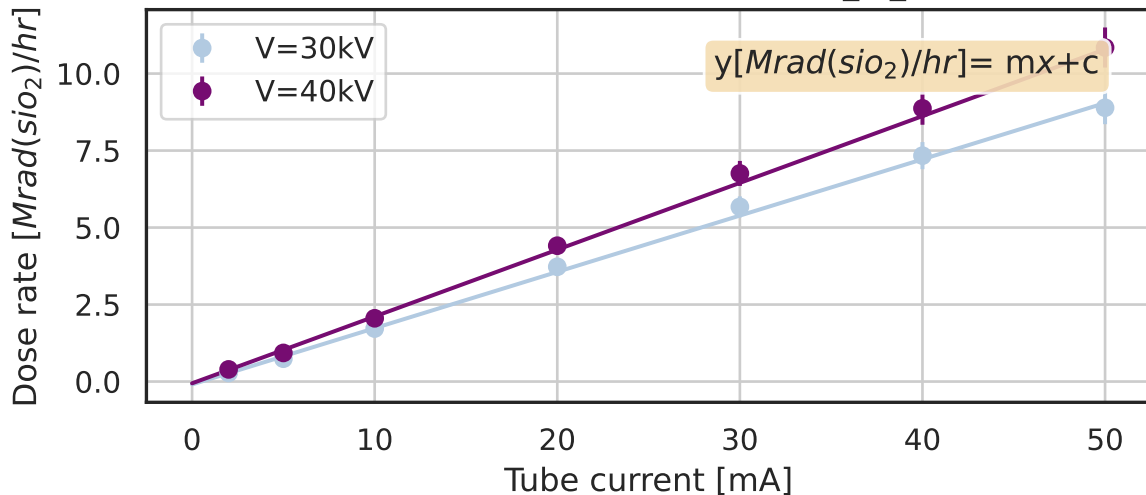


Calibration curve at 3cm without_Al_filter



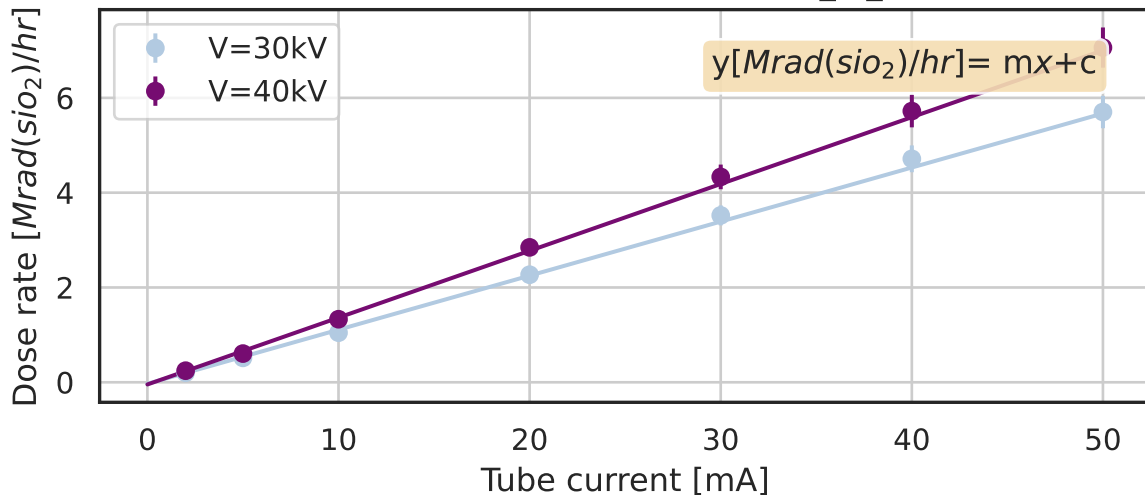
	m	c
30kV	0.25	-0.12
40kV	0.3	-0.15

Calibration curve at 5cm without_Al_filter



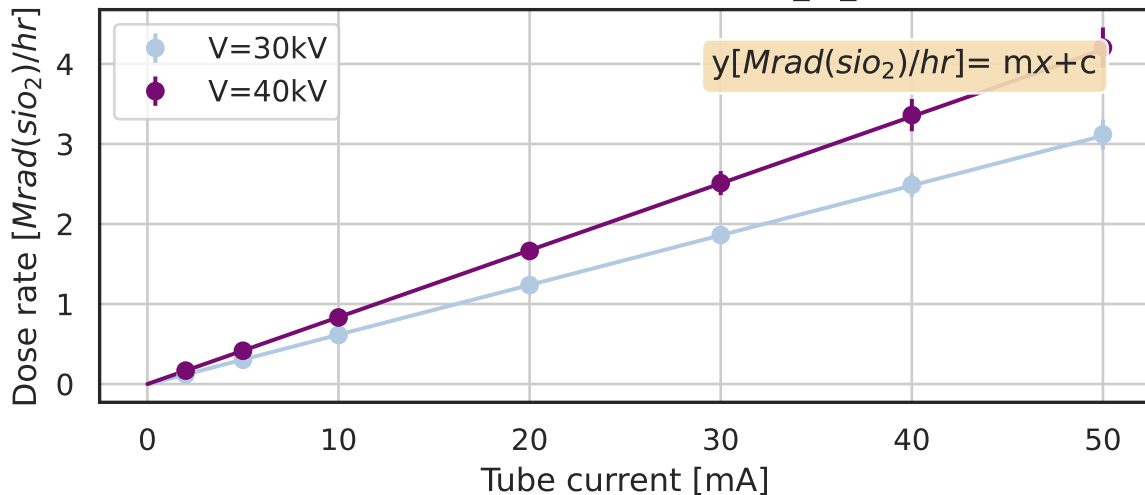
	m	c
30kV	0.18	-0.09
40kV	0.22	-0.06

Calibration curve at 8cm without_Al_filter



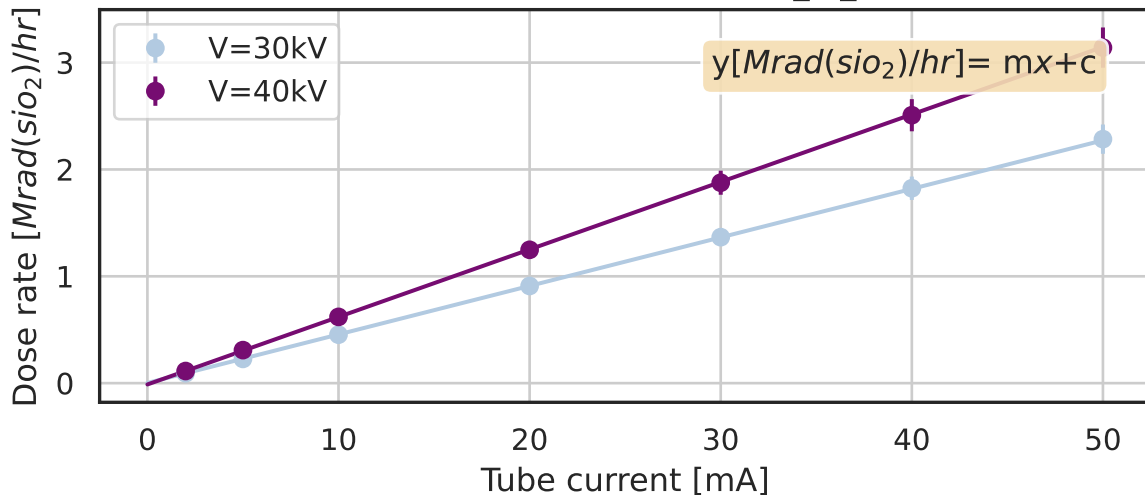
	m	c
30kV	0.11	-0.03
40kV	0.14	-0.05

Calibration curve at 3cm with_Al_filter



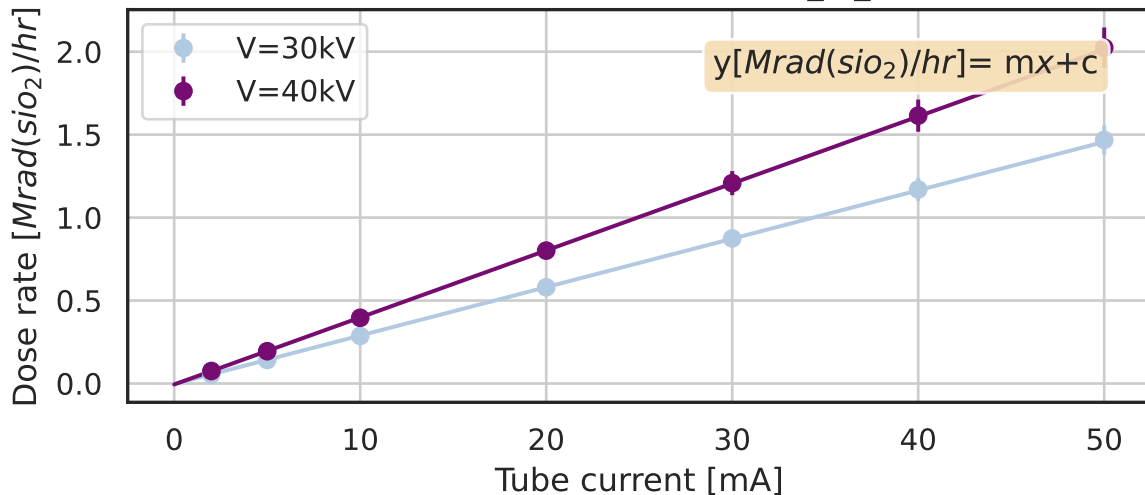
	m	c
30kV	0.06	-0.01
40kV	0.08	-0.0

Calibration curve at 5cm with_AI_filter



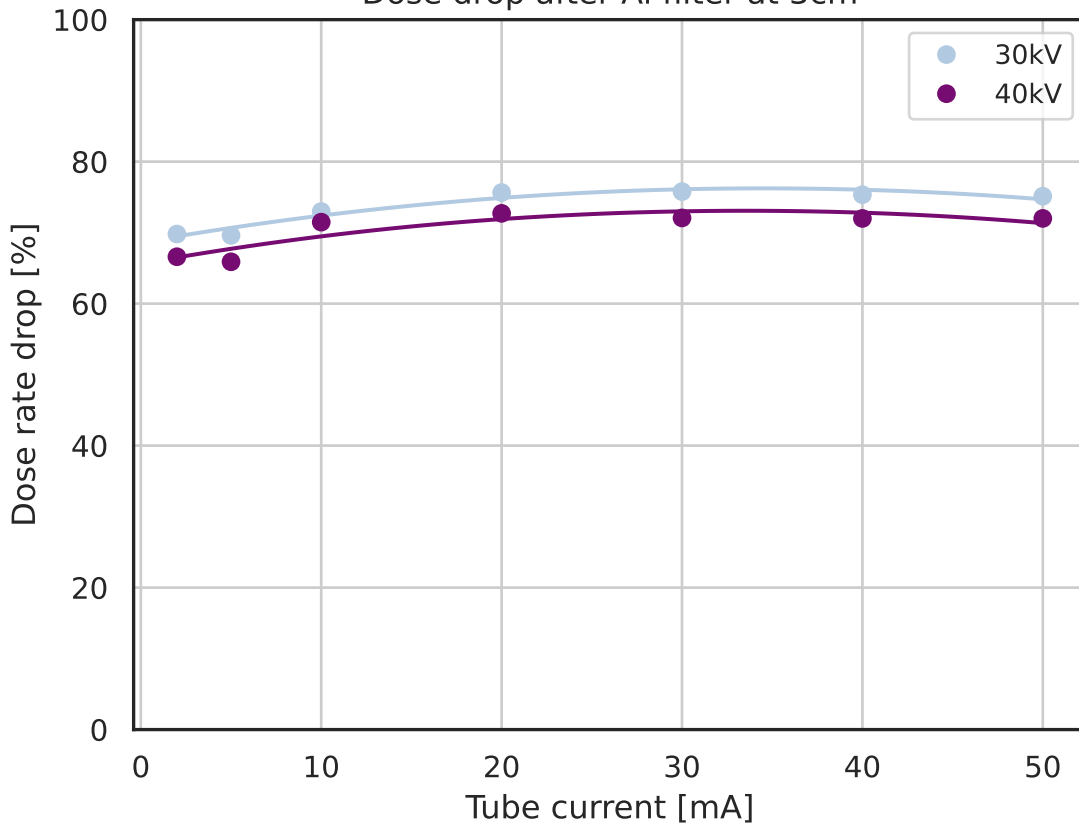
	m	c
30kV	0.05	0.0
40kV	0.06	-0.01

Calibration curve at 8cm with_Al_filter

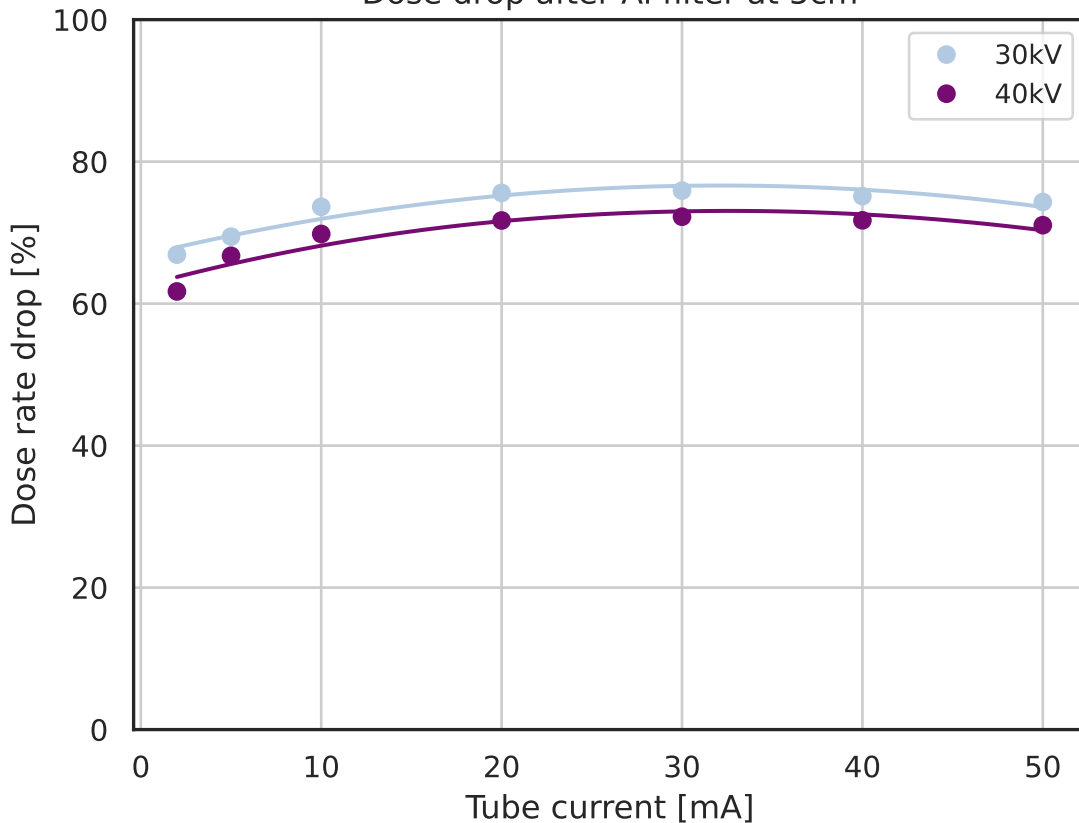


	m	c
30kV	0.03	-0.0
40kV	0.04	-0.01

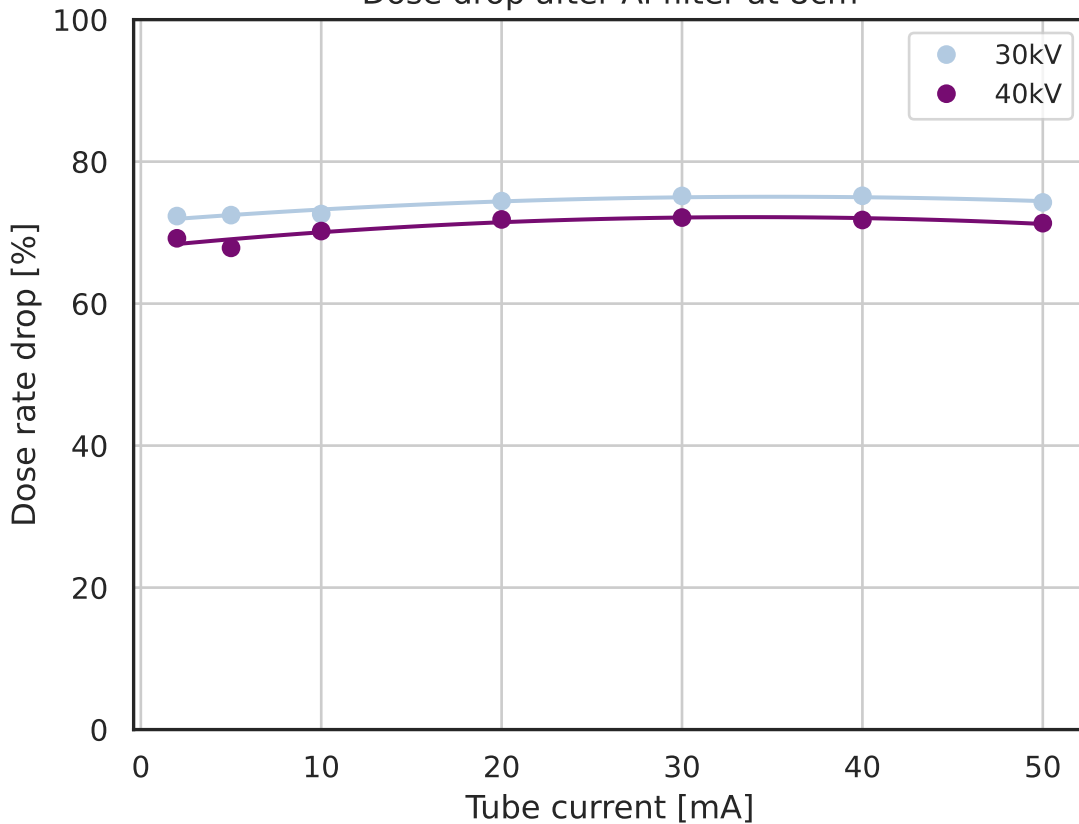
Dose drop after Al filter at 3cm



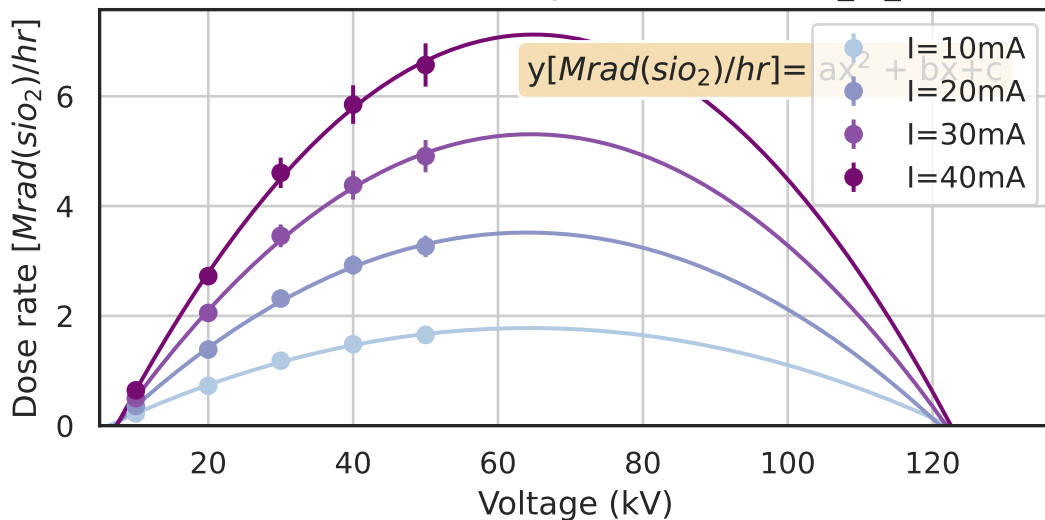
Dose drop after Al filter at 5cm



Dose drop after Al filter at 8cm

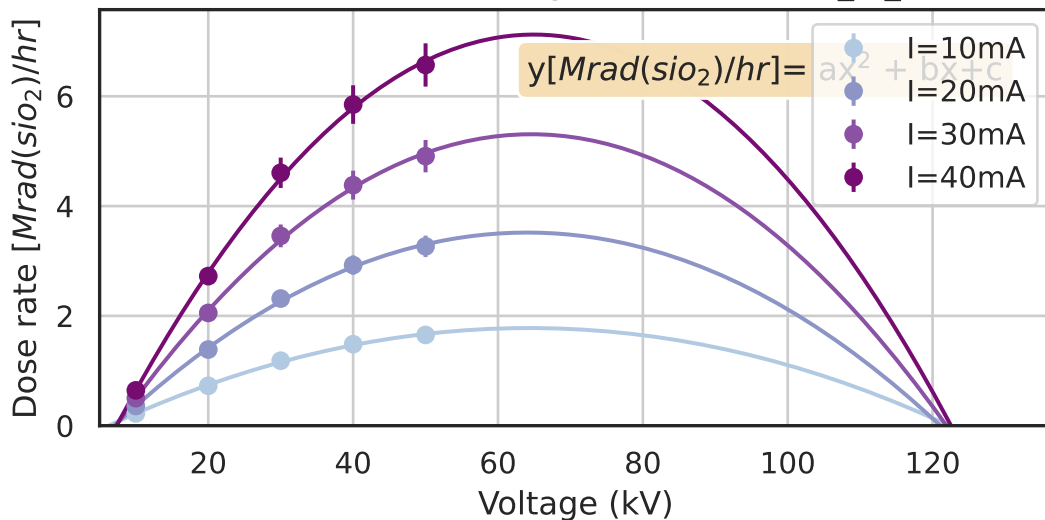


Effect of the tube voltage at 8cm without _Al_filter



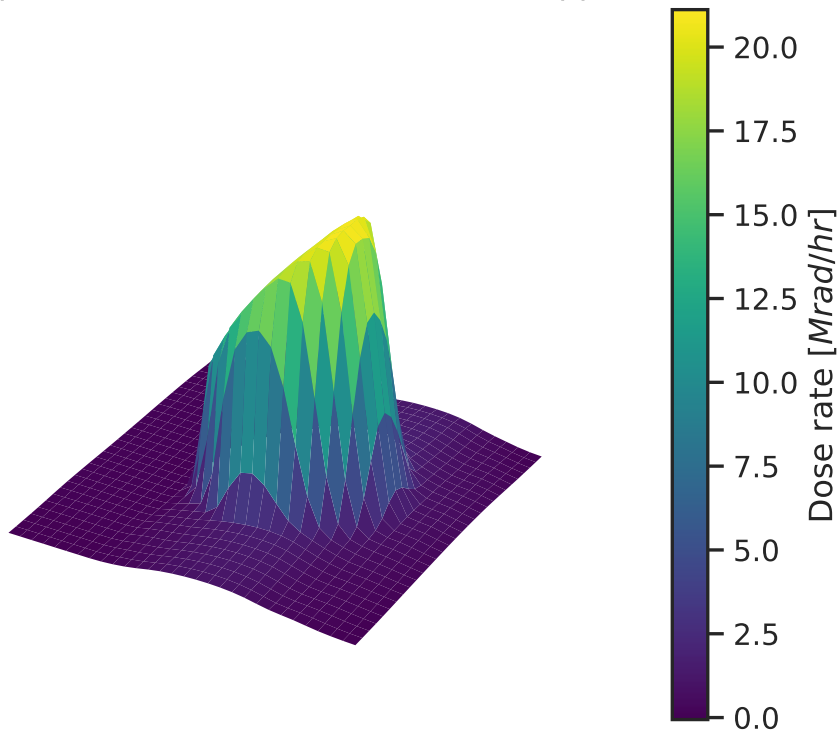
	a	b	c
10mA	-0.001	0.068	-0.404
20mA	-0.001	0.139	-0.919
30mA	-0.002	0.208	-1.423
40mA	-0.002	0.279	-1.932

Effect of the tube voltage at 8cm without_Al_filter

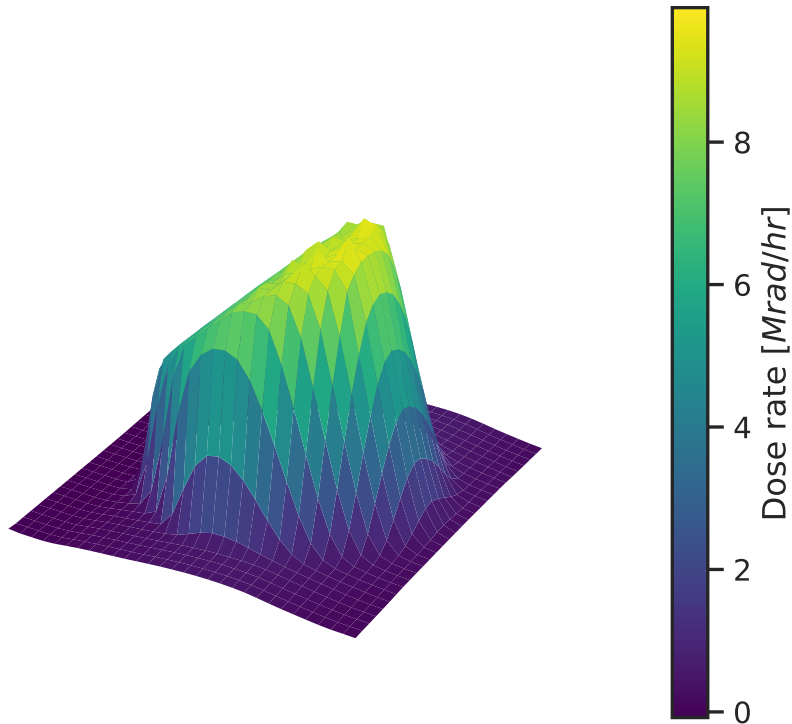


	a	b	c
10mA	-0.001	0.068	-0.404
20mA	-0.001	0.139	-0.919
30mA	-0.002	0.208	-1.423
40mA	-0.002	0.279	-1.932

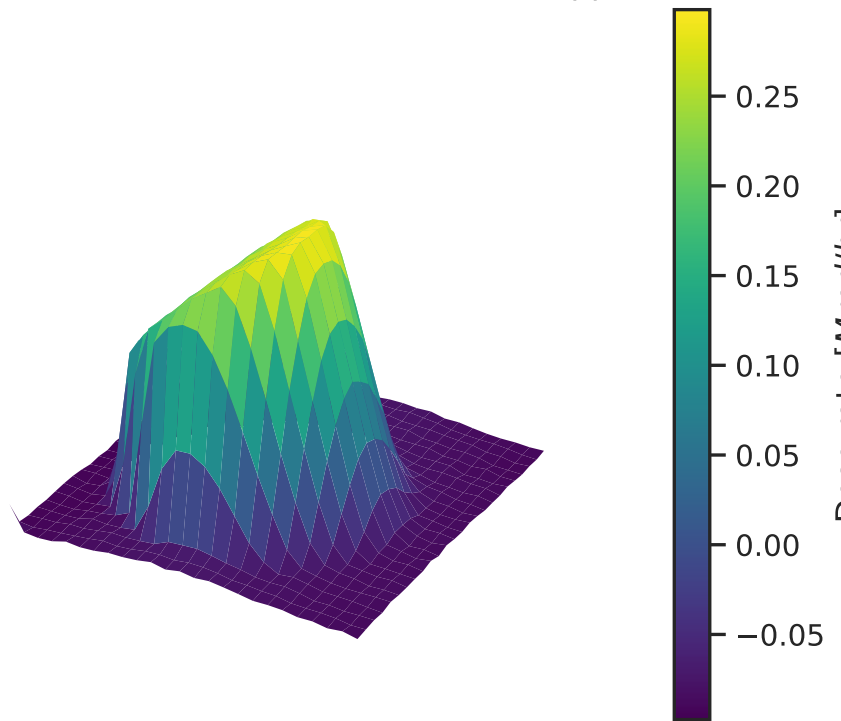
Beam profile at 3cm without collimator support



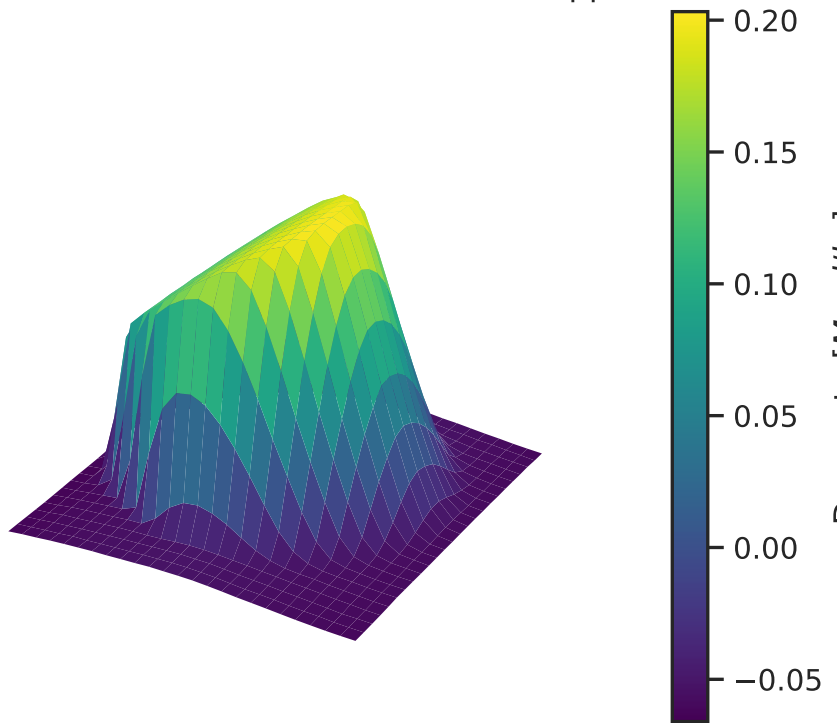
Beam profile at 8cm without collimator support



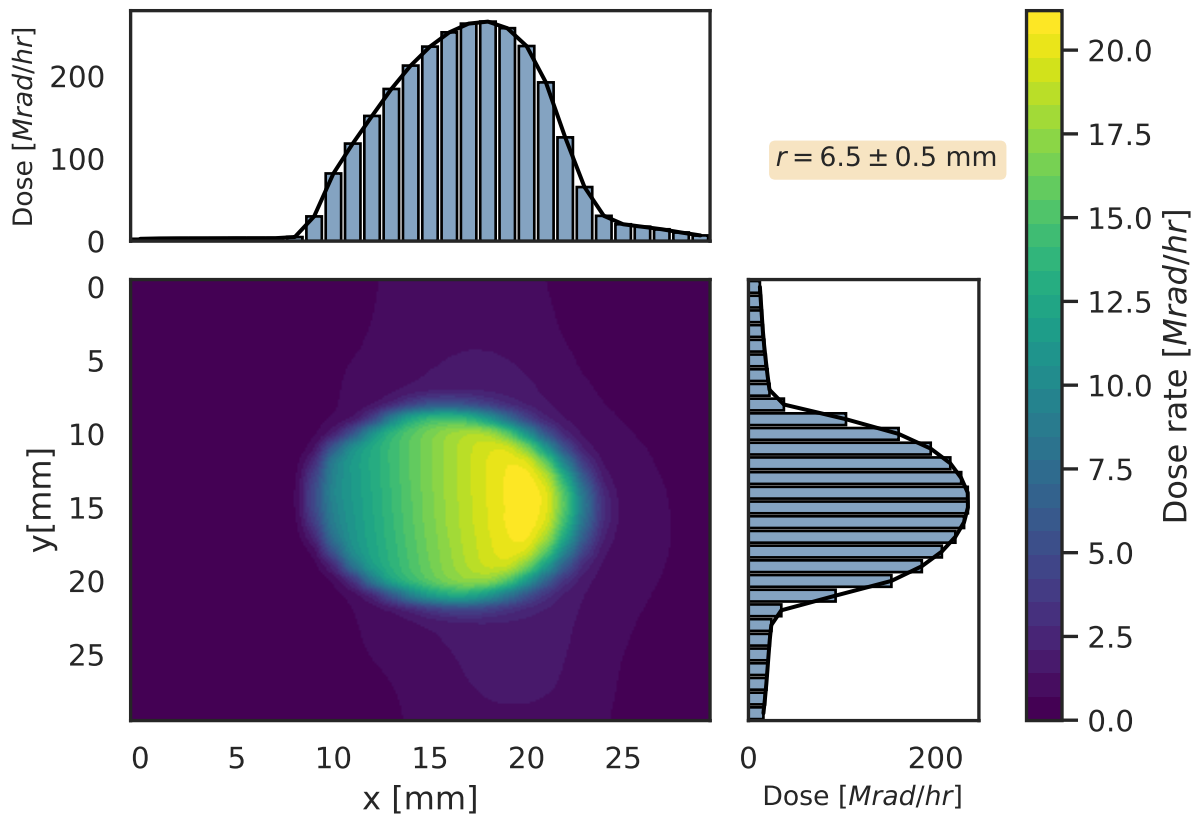
Beam profile at 51cm without collimator support



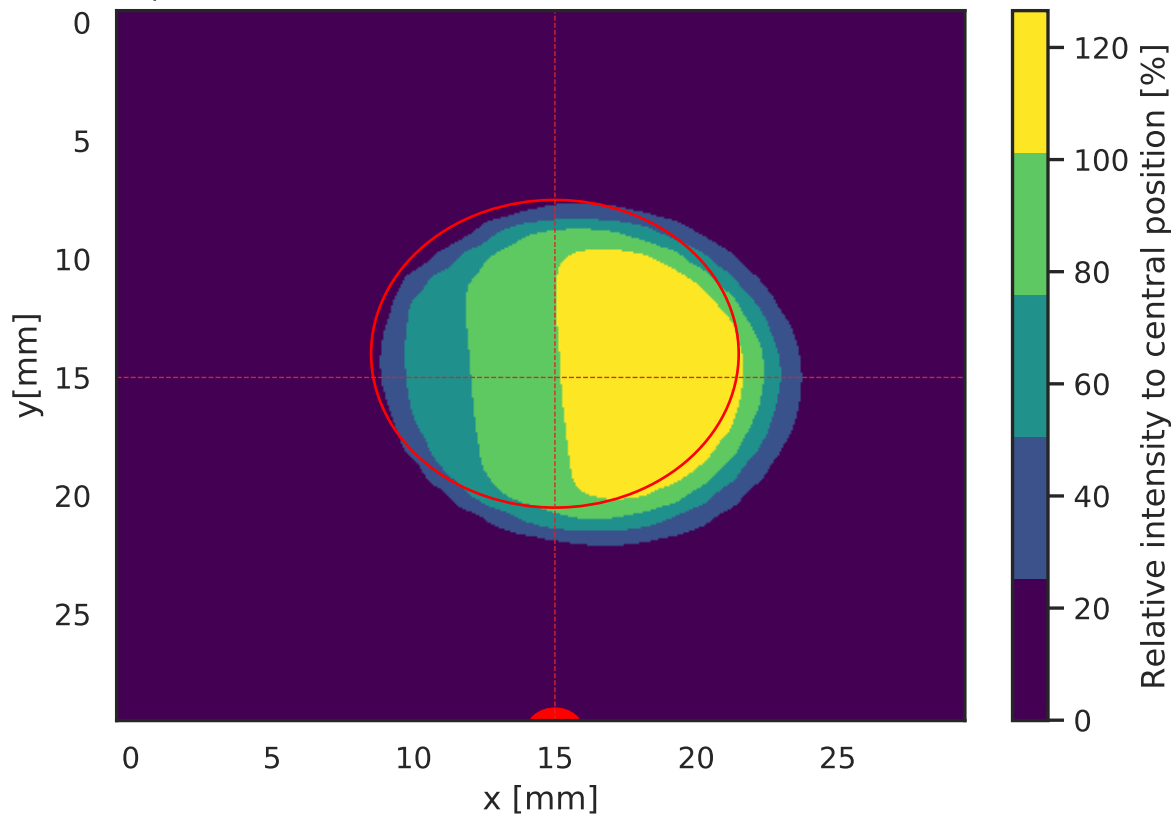
Beam profile at 60cm without collimator support



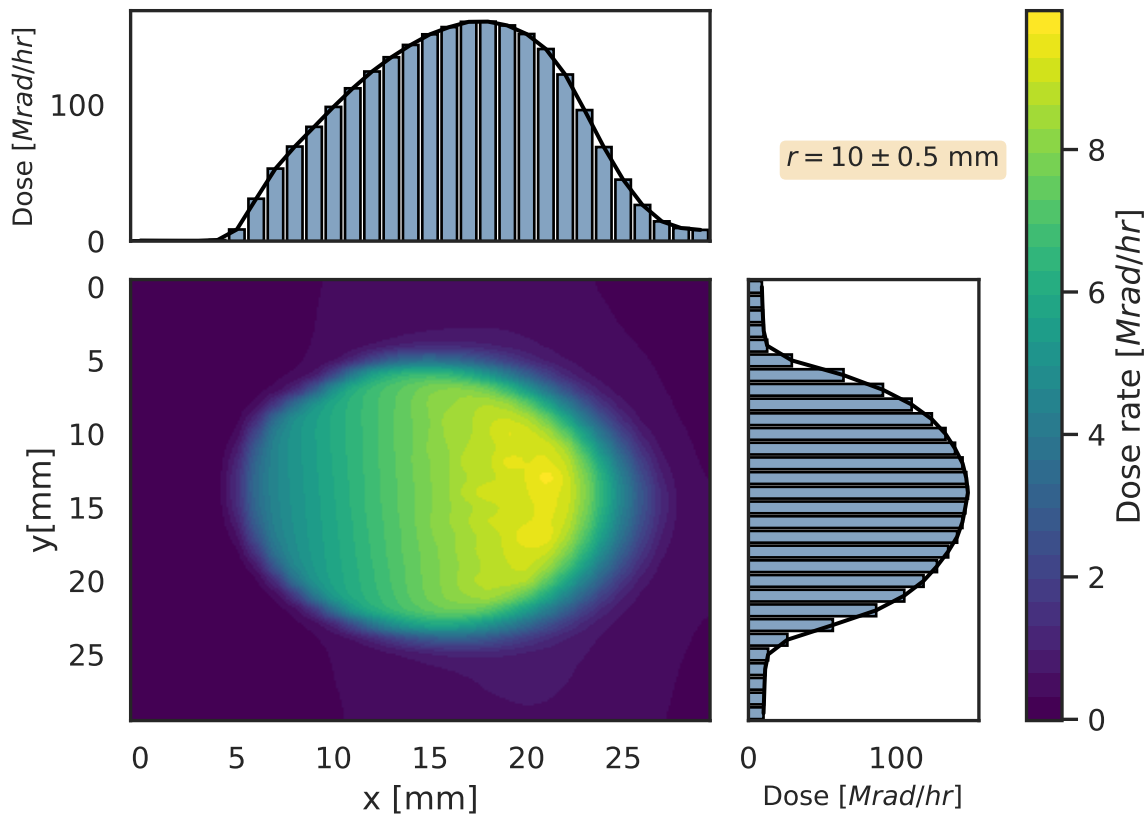
er (40 kV and 50mA)



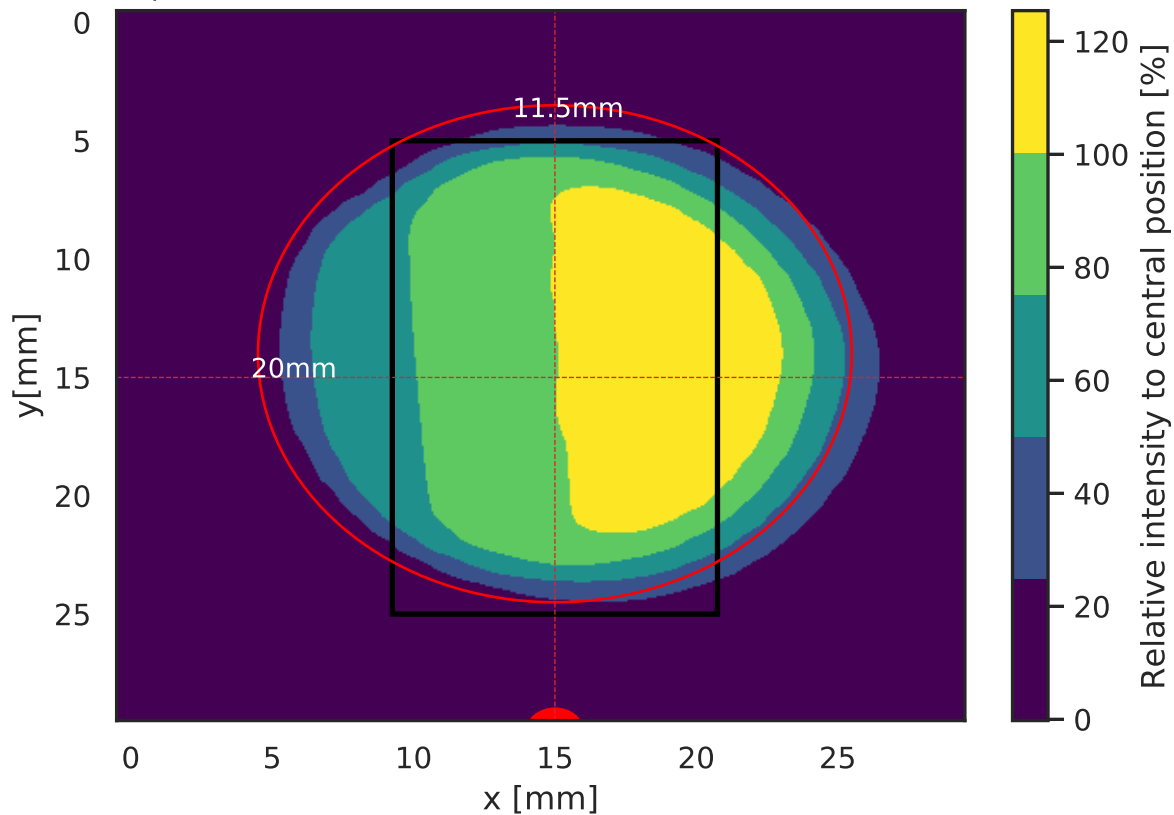
Beam profile at 3cm from the collimator holder (40 kV and 50mA)



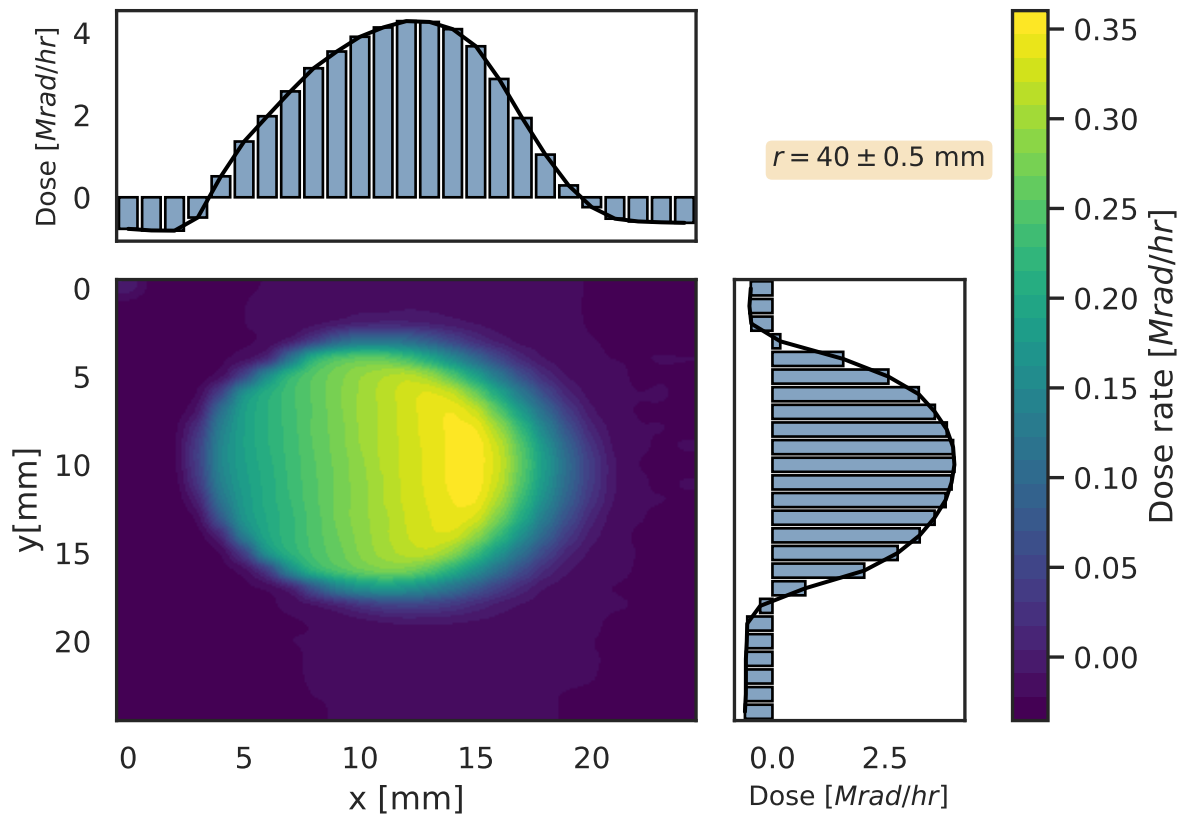
er (40 kV and 50mA)



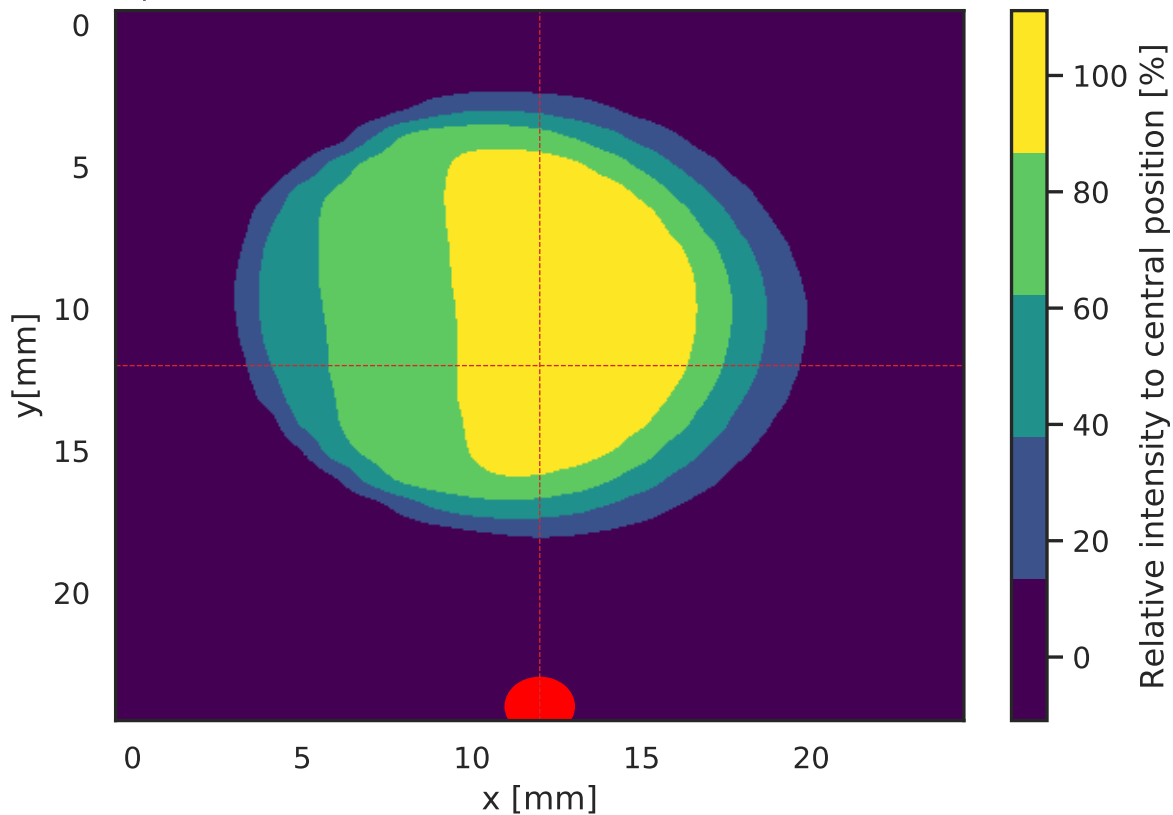
Beam profile at 8cm from the collimator holder (40 kV and 50mA)



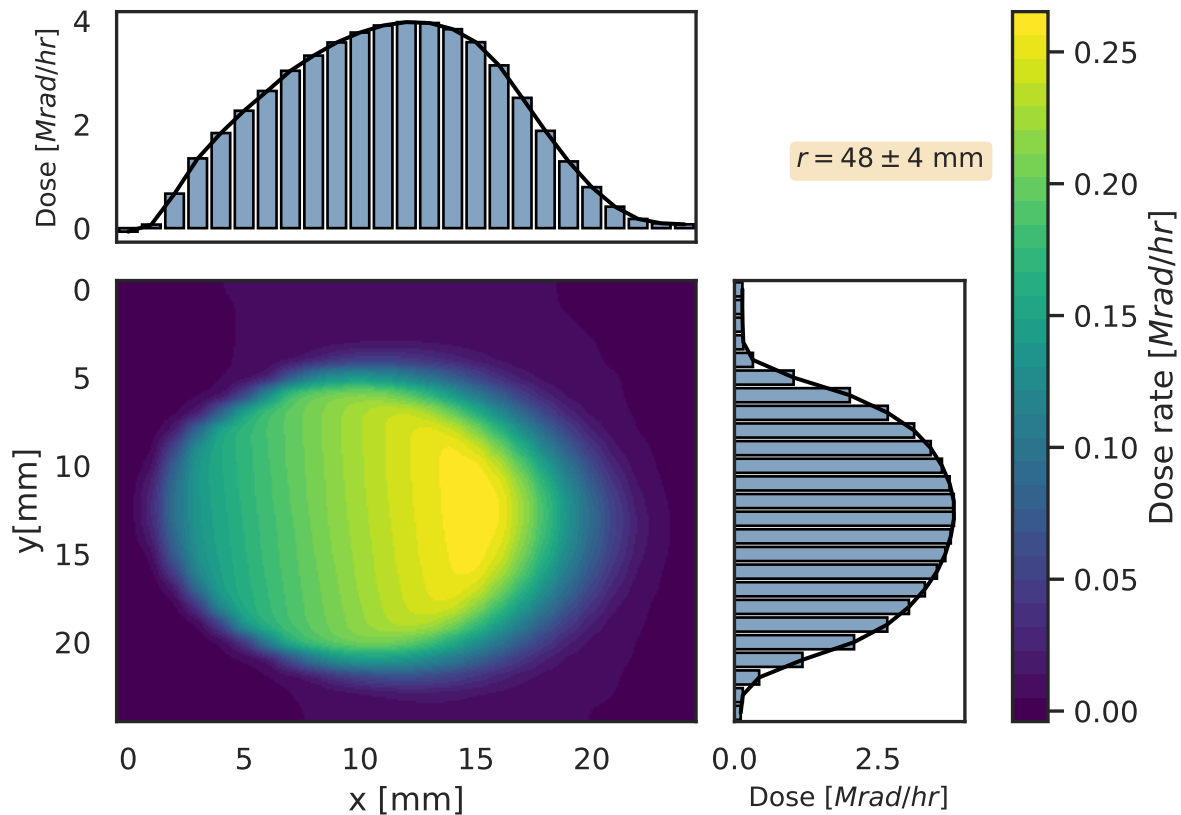
der (40 kV and 50mA)



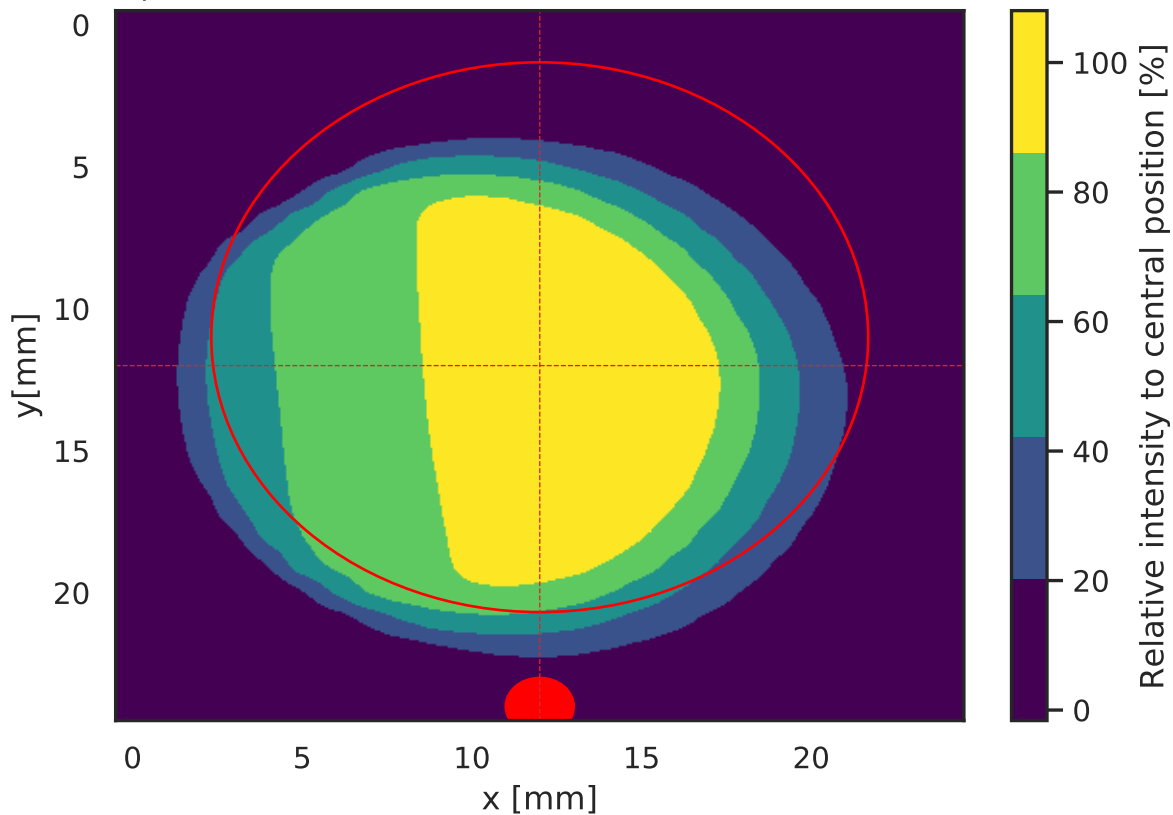
Beam profile at 51cm from the collimator holder (40 kV and 50mA)



der (40 kV and 50mA)



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



Hotspot at distance 60 cm, tube parameter: 40 kV, 50 mA, no fil

