



Tata Institute of Fundamental Research
Department of Atomic and Nuclear Physics

Summer Project

SIMION data

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Supervised by:

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Mumbai, India
June 11, 2025

1 | Data Collection 1

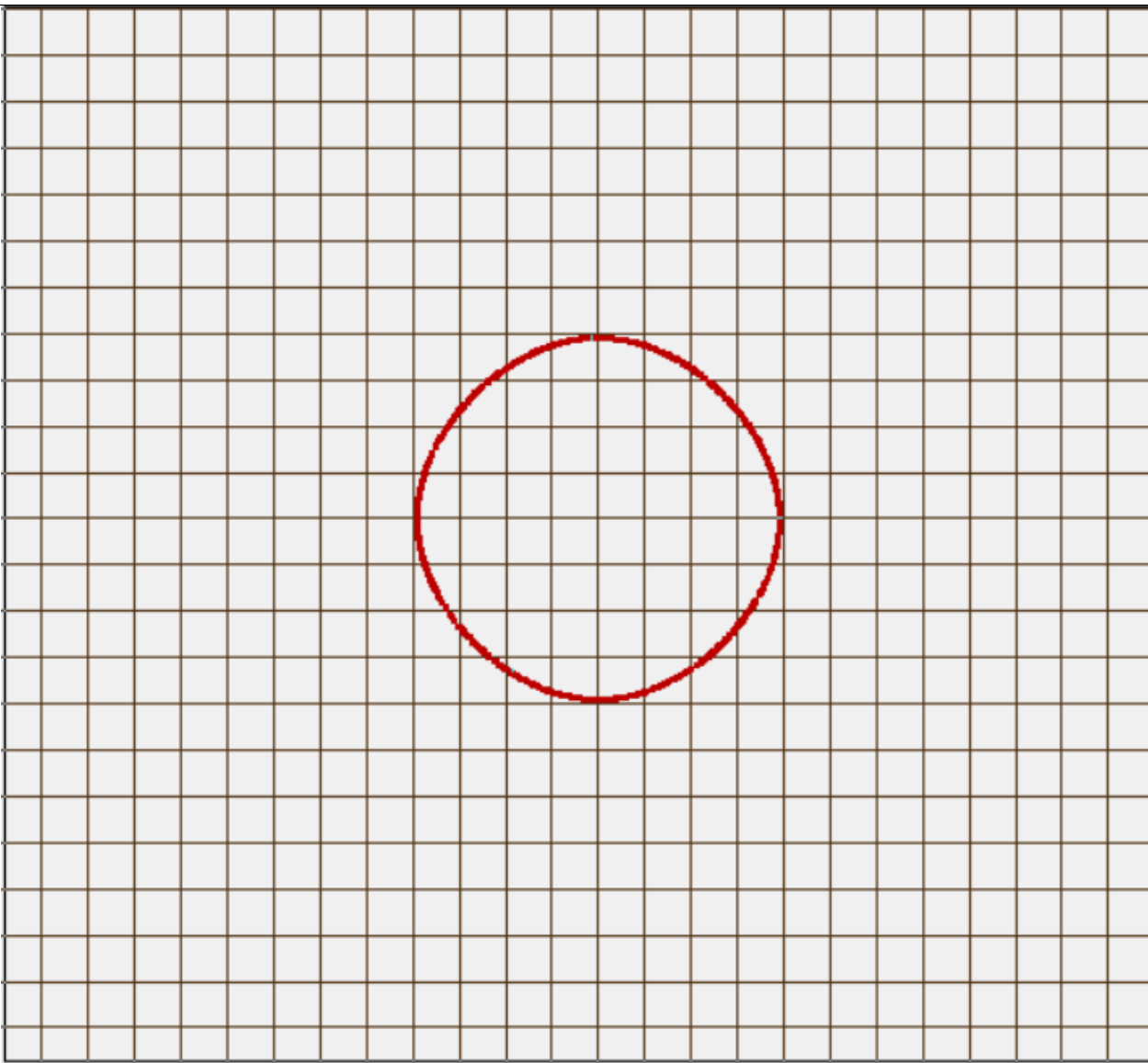
1.1 | Fixed Particles and Timings 1

Mass	1 amu
Charge	-1 e
Source Position	(28,80,80)
Velocity Format	direction+KE
Direction	angles(az,el)
Azimuth	single value - 90
Elevation	UD -180 to 180
KE	1 eV
TOB	0 usec

t1 Time	0.1	t2 Time	0.11
t3 Time	1.09	t4 Time	1.1
By	0		

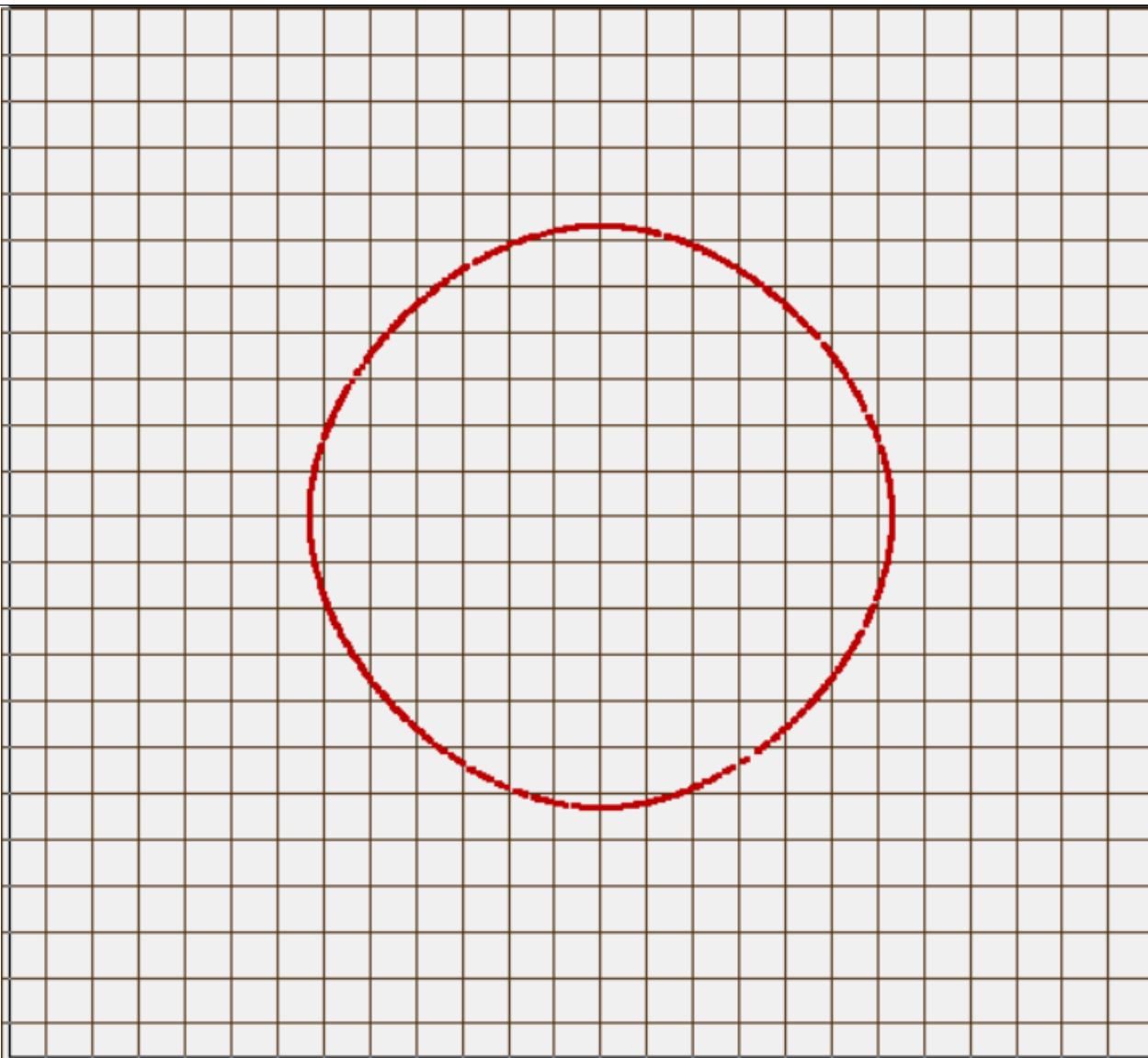
Pusher Voltage	-50	Puller Voltage	0
Lens 1	0	Lens 2	0
Lens 3	0	Lens 4	0
Flight Tube	300	Detector	600

SIMION Output



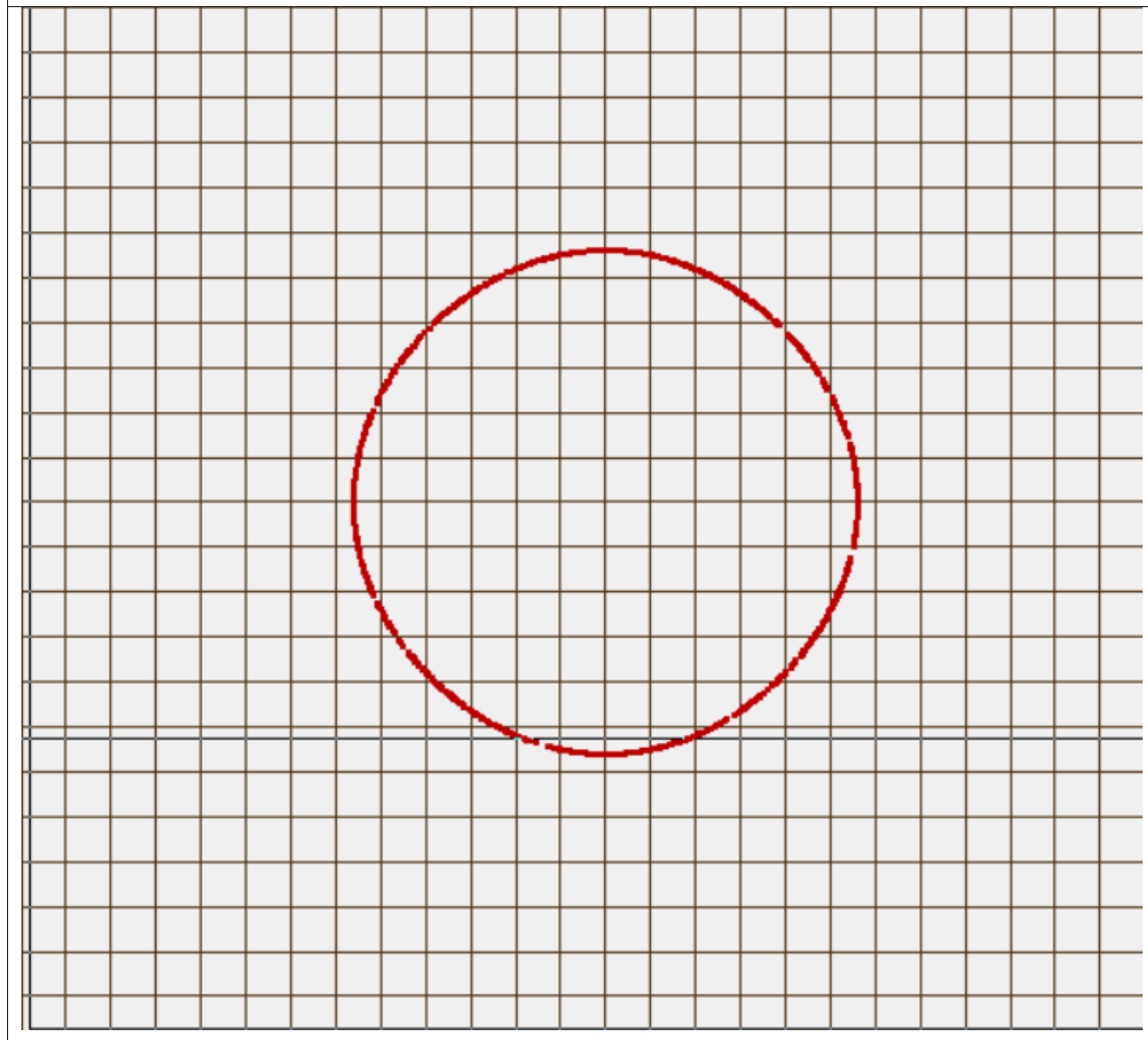
Pusher Voltage	-50	Puller Voltage	0
Lens 1	100	Lens 2	0
Lens 3	0	Lens 4	0
Flight Tube	300	Detector	600

SIMION Output



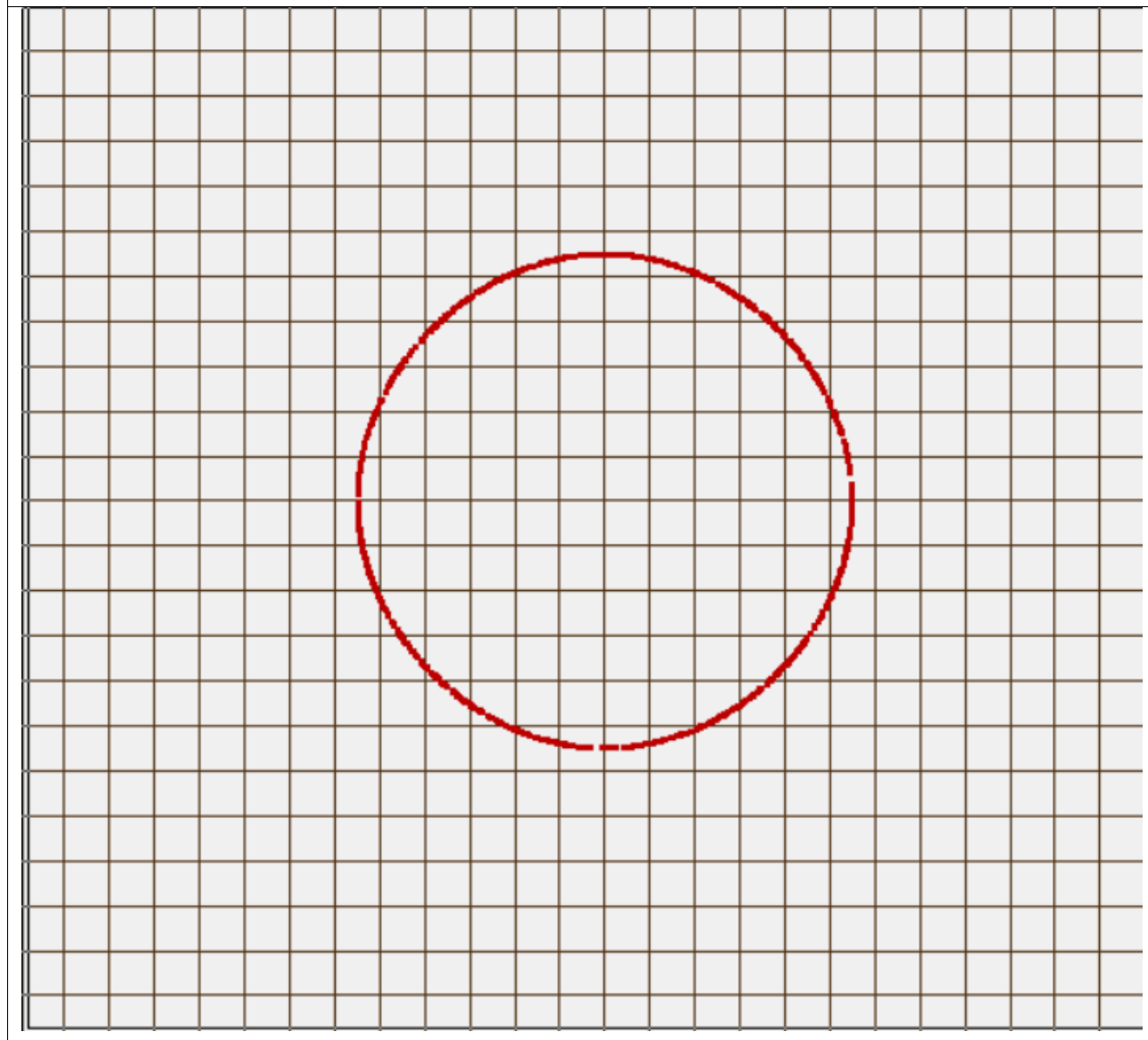
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Lens 3	0	Lens 4	0
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