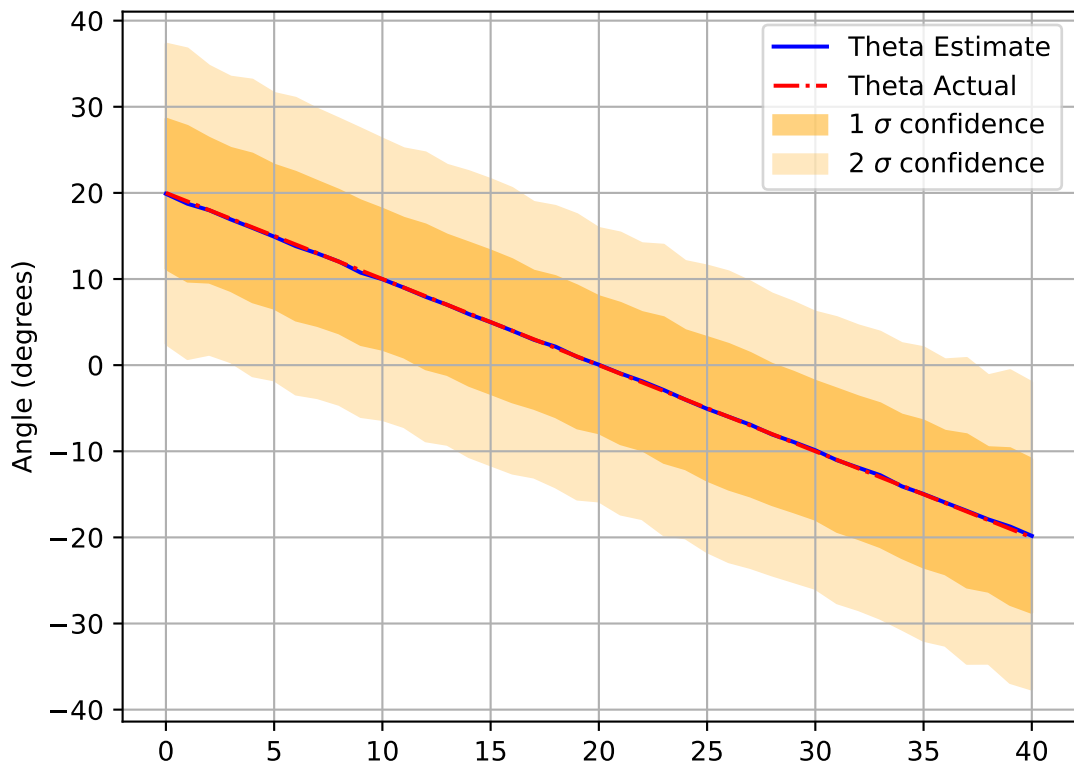


E = 1000 keV, N = 10000 particles

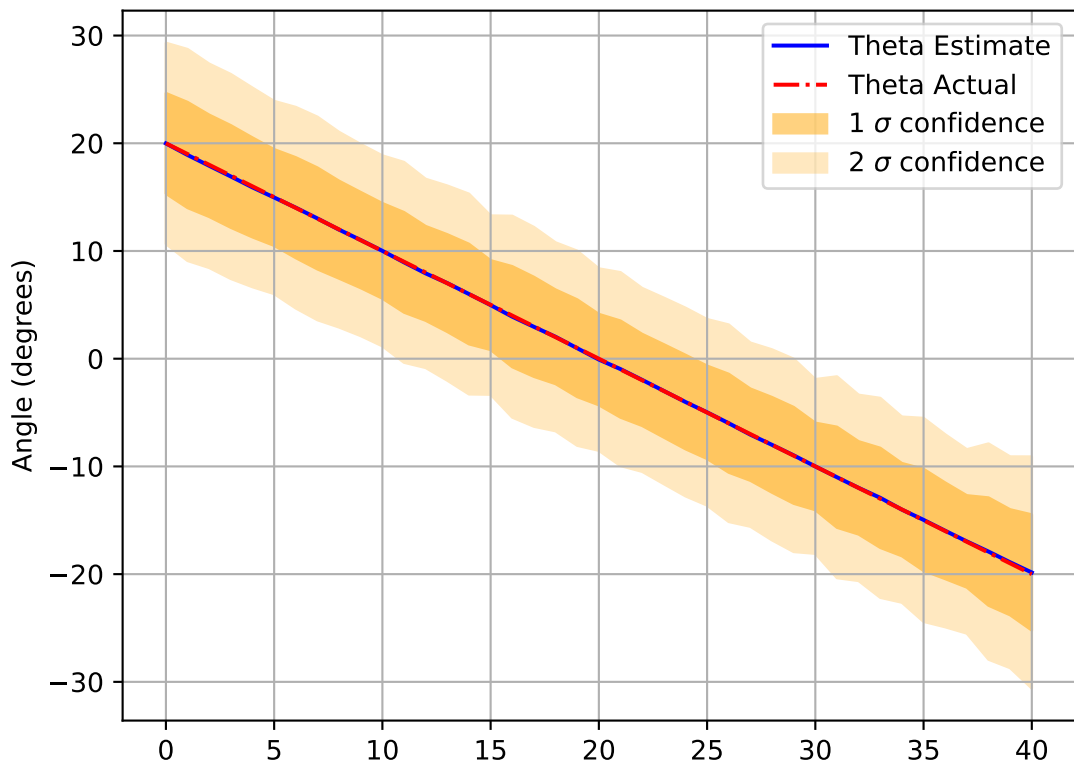


Pinhole radius: 1.500000 mm
Gap between window and detector: 31.500000 mm
Window thickness: 1000.000000 um
Shielding foil thickness: 10.000000 um

Theta Angle (degrees), Standard deviation (degrees):

0	8.7025
1	8.9969
2	8.3690
3	8.2712
4	8.5891
5	8.3256
6	8.5931
7	8.3803
8	8.2933
9	8.3579
10	8.1507
11	8.0735
12	8.3668
13	8.1077
14	8.2808
15	8.2922
16	8.2708
17	7.9812
18	8.1501
19	8.2646
20	7.9205
21	8.1664
22	7.9891
23	8.4145
24	8.0319
25	8.3025
26	8.4224
27	8.2991
28	8.1658
29	8.1171
30	8.0276
31	8.2847
32	8.2474
33	8.3155
34	8.2963
35	8.5038
36	8.2932
37	8.8586
38	8.3530
39	9.0615
40	8.9078

Name: Theta_std, dtype: float64

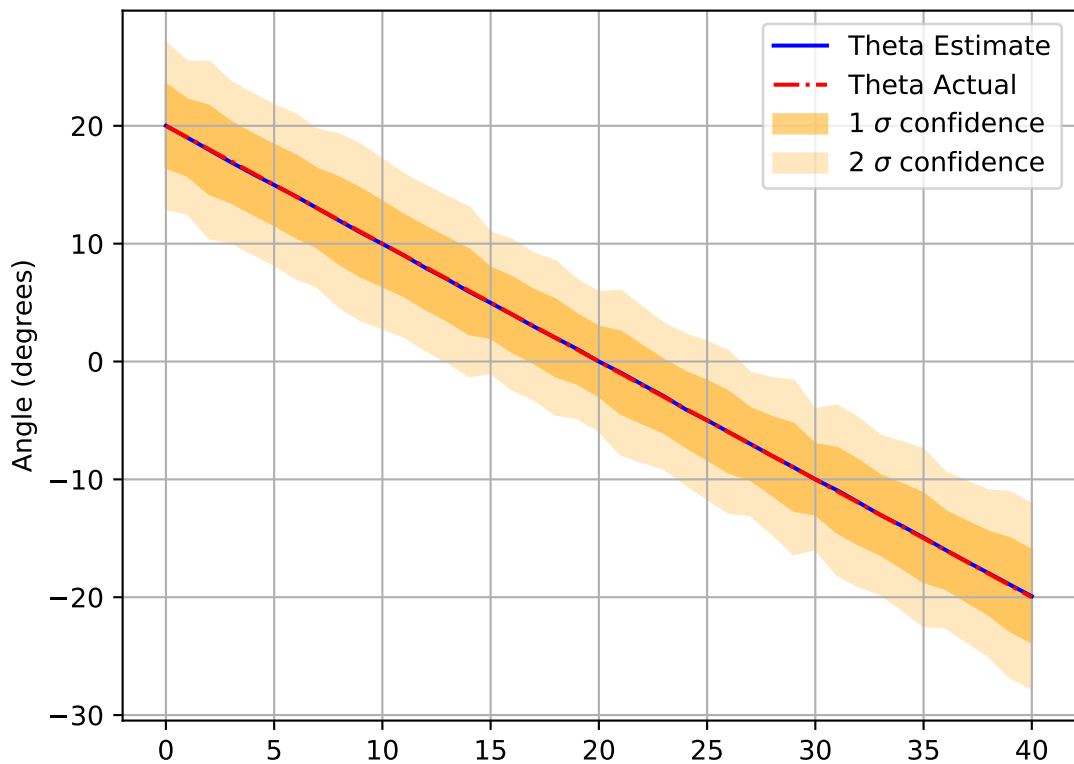


Pinhole radius: 1.500000 mm
Gap between window and detector: 31.500000 mm
Window thickness: 1000.000000 um
Shielding foil thickness: 10.000000 um

Theta Angle (degrees), Standard deviation (degrees):

0	4.6655
1	4.9109
2	4.7340
3	4.7477
4	4.6231
5	4.4736
6	4.6684
7	4.7150
8	4.5310
9	4.4490
10	4.4228
11	4.6518
12	4.3818
13	4.5201
14	4.6506
15	4.1517
16	4.6755
17	4.6279
18	4.3753
19	4.5199
20	4.2242
21	4.4911
22	4.2587
23	4.3195
24	4.3697
25	4.3198
26	4.5751
27	4.2657
28	4.4244
29	4.4780
30	4.0463
31	4.6751
32	4.3147
33	4.6317
34	4.3109
35	4.7253
36	4.4688
37	4.2704
38	5.0093
39	4.9049
40	5.3763

Name: Theta_std, dtype: float64



Pinhole radius: 1.500000 mm
Gap between window and detector: 31.500000 mm
Window thickness: 1000.000000 um
Shielding foil thickness: 10.000000 um

Theta Angle (degrees), Standard deviation (degrees):

0	3.5145
1	3.2058
2	3.7276
3	3.3989
4	3.3800
5	3.3778
6	3.4671
7	3.3236
8	3.6504
9	3.7137
10	3.5775
11	3.4286
12	3.4787
13	3.4884
14	3.5770
15	2.9650
16	3.1644
17	3.0793
18	3.2450
19	2.9194
20	2.9258
21	3.4620
22	3.2708
23	3.0652
24	3.1662
25	3.3212
26	3.4162
27	3.0123
28	3.2880
29	3.6681
30	2.9612
31	3.5819
32	3.5561
33	3.3507
34	3.5416
35	3.7453
36	3.2813
37	3.3888
38	3.4974
39	3.9218
40	3.9042

Name: Theta_std, dtype: float64