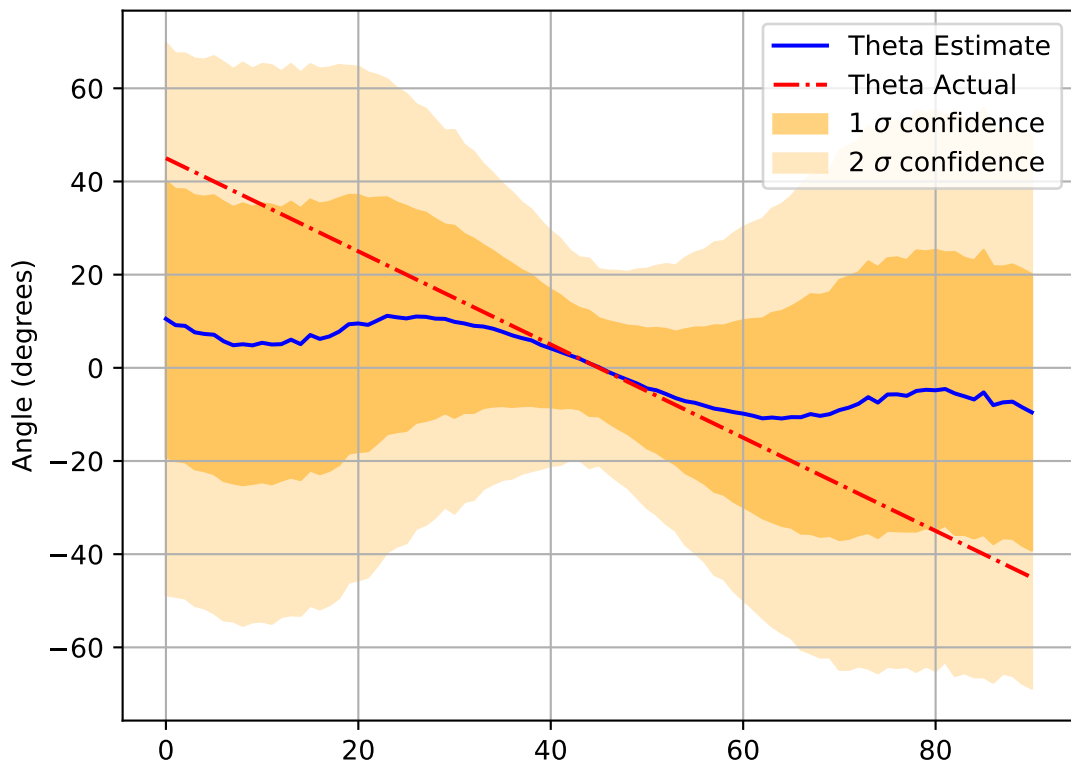


E = 1000 keV, N = 10000 particles



Pinhole radius: 0.500000 mm  
Gap between window and detector: 31.500000 mm  
Window thickness: 1000.000000 um  
Shielding foil thickness: 10.000000 um

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

0	29.6186
1	29.1296
2	29.2226
3	29.3443
4	29.4171
5	29.8712
6	29.9357
7	29.6168
8	30.1957
9	29.6886
10	29.8896
11	29.9629
12	29.2460
13	29.5581
14	29.1259
15	29.0330
16	28.9969
17	28.8211
18	28.5939
19	27.6982
20	27.5429
21	27.0739
22	26.3102
23	25.3648
24	24.5991
25	24.0953
26	22.7697
27	22.3180
28	21.3386
29	20.2015
	...
61	20.6848
62	21.3757
63	22.3927
64	22.9905
65	23.6844
66	24.9237
67	25.6615
68	25.9103
69	26.0793
70	27.8459
71	28.1180
72	28.1649
73	29.1079
74	29.0265
75	29.2025
76	29.3378
77	29.0702
78	30.1190
79	29.6534
80	30.1015
81	29.2717
82	30.2986

83	29.6966
84	29.7778
85	30.5509
86	29.7632
87	29.1063
88	29.3897
89	29.6442
90	29.6188

Name: Theta\_std, Length: 91, dtype: float64