```
Pinhole radius: 0.500000 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      24.9482
1       24.8558
2       24.4039
3       24.2505
4       24.8671
5       24.3924
6       24.4037
7       24.2599
8       24.4481
9       24.3383
10      23.9947
11      24.3315
12      24.4511
13      24.7026
14      24.0465
15      24.2795
16      24.6787
17      24.3798
18      24.4171
19      24.8448
20      24.5632
Name: Theta_std, dtype: float64
```