Program Complot
(Version 2015-2)
by
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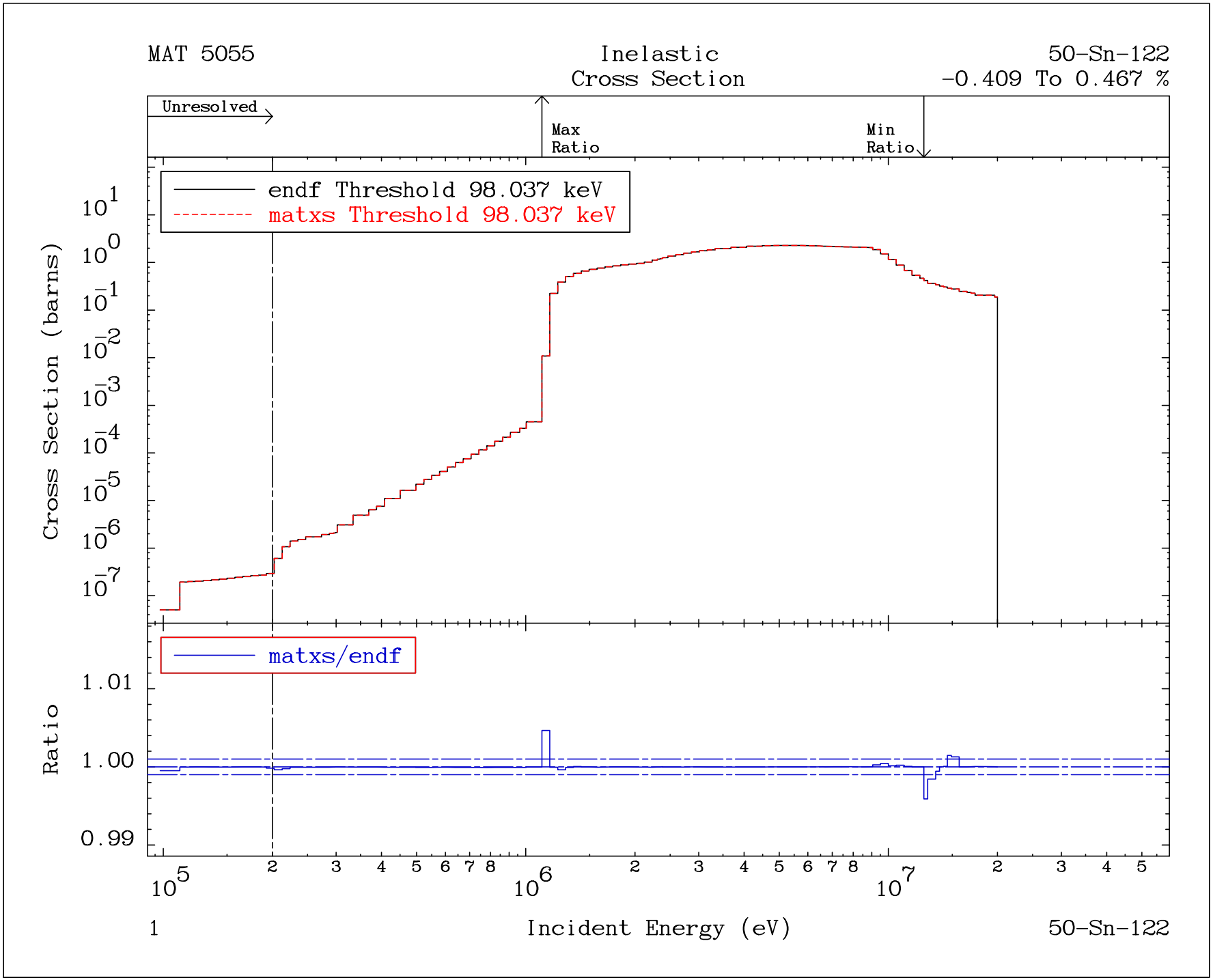
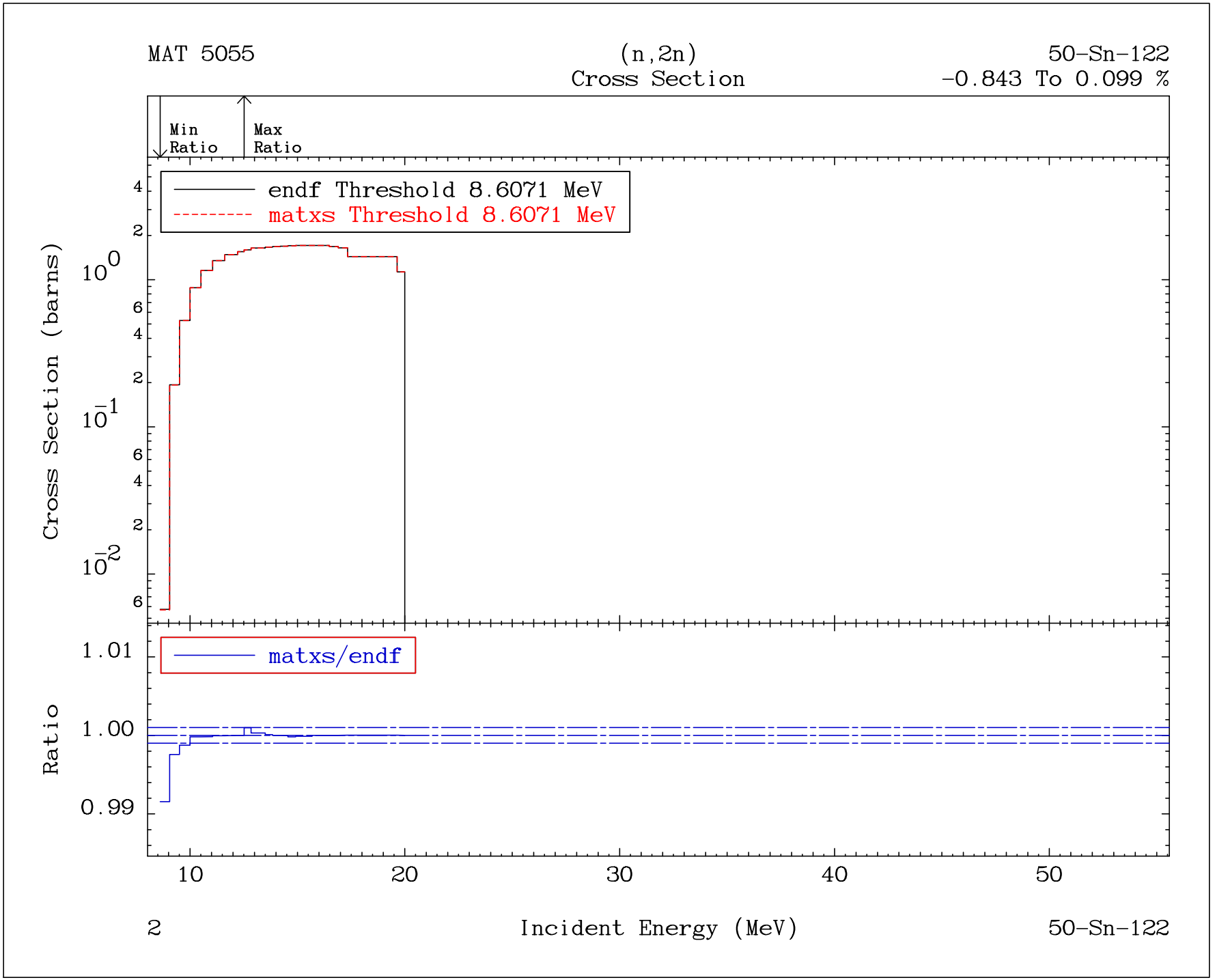
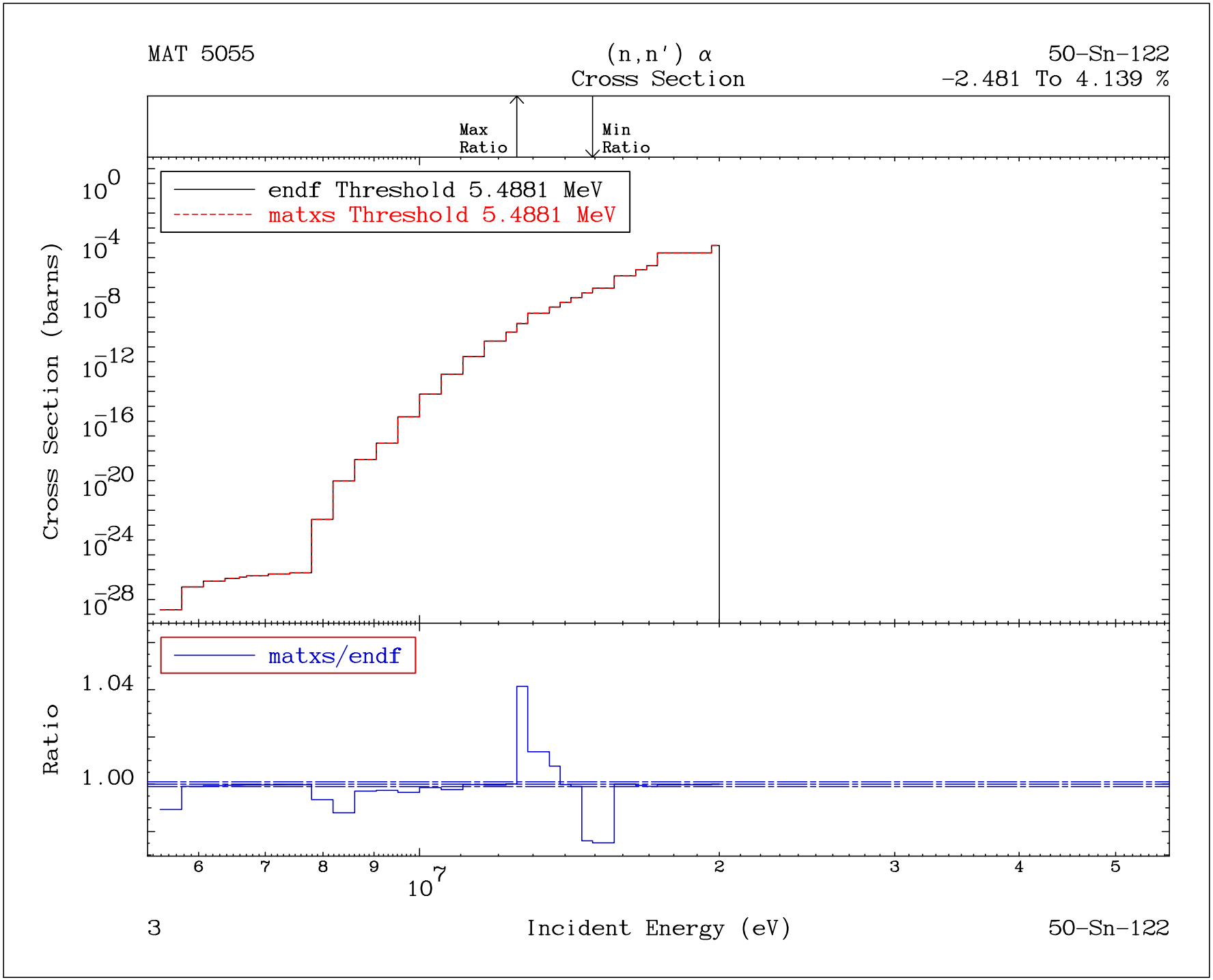
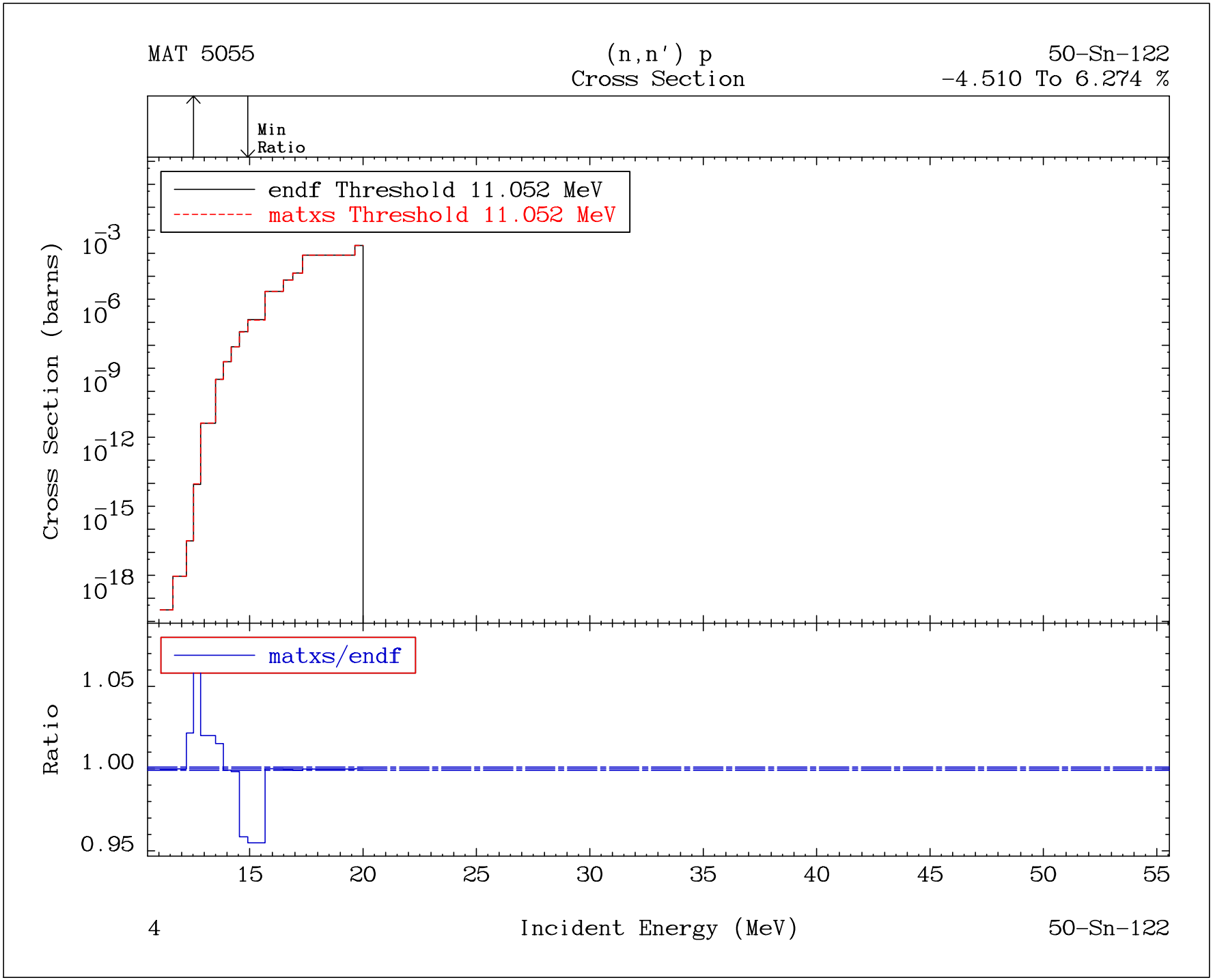
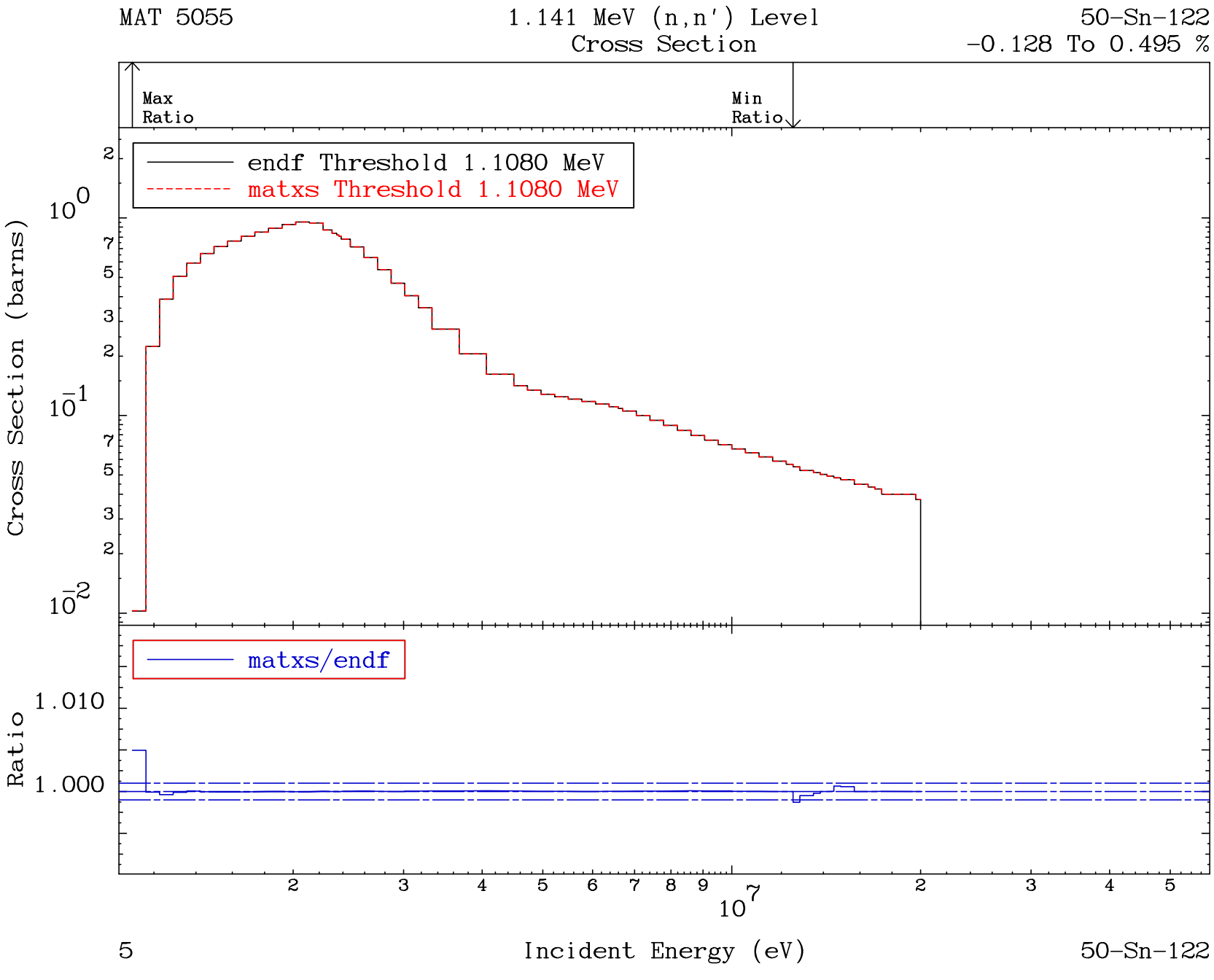
Press Mouse Button to Start

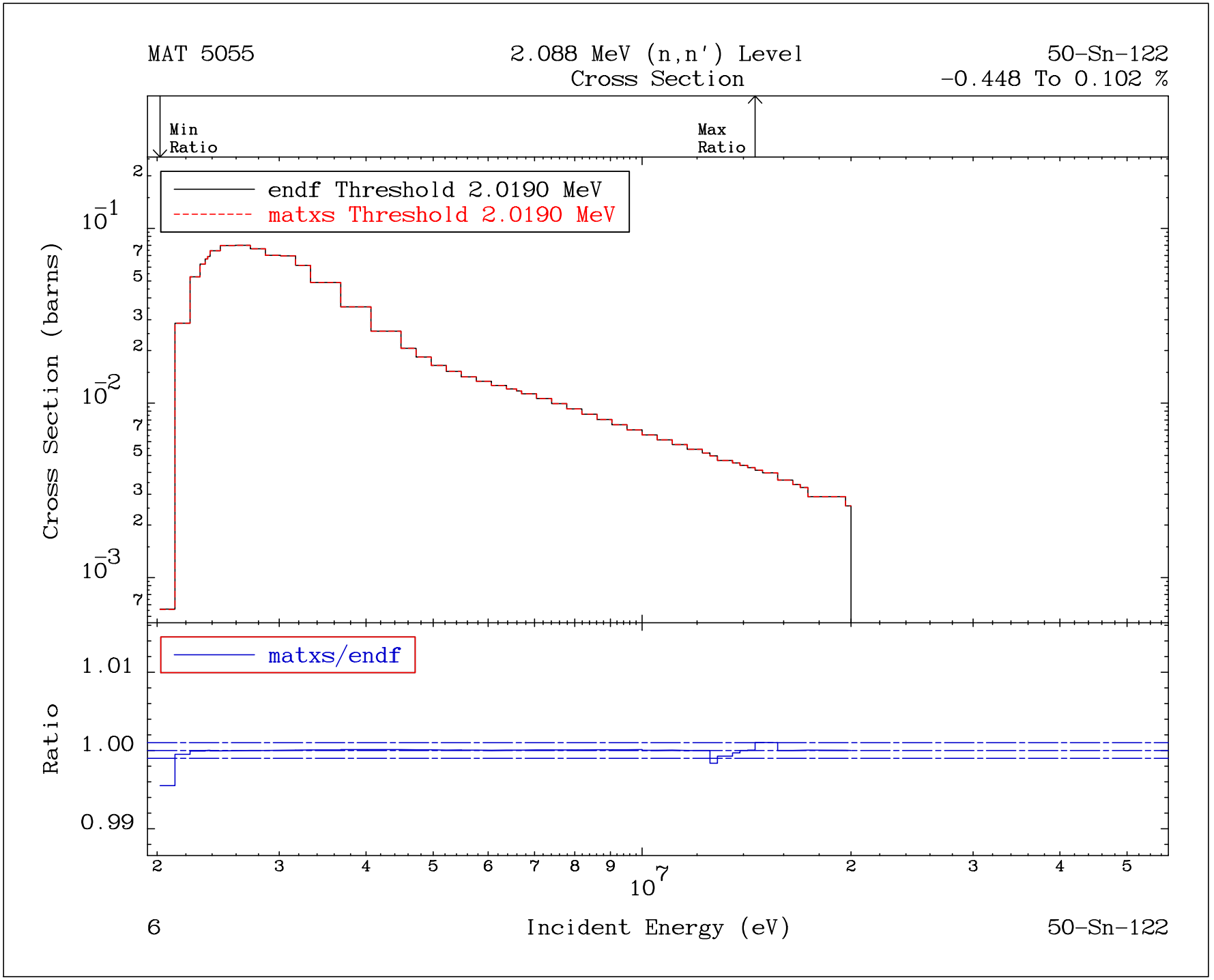

MAT 5055
Inelastic
Cross Section
50-Sn-122
-0.409 To 0.467 %
Unresolved
Max
Ratio
Min
Ratio
endf Threshold 98.037 keV
matxs Threshold 98.037 keV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
50-Sn-122

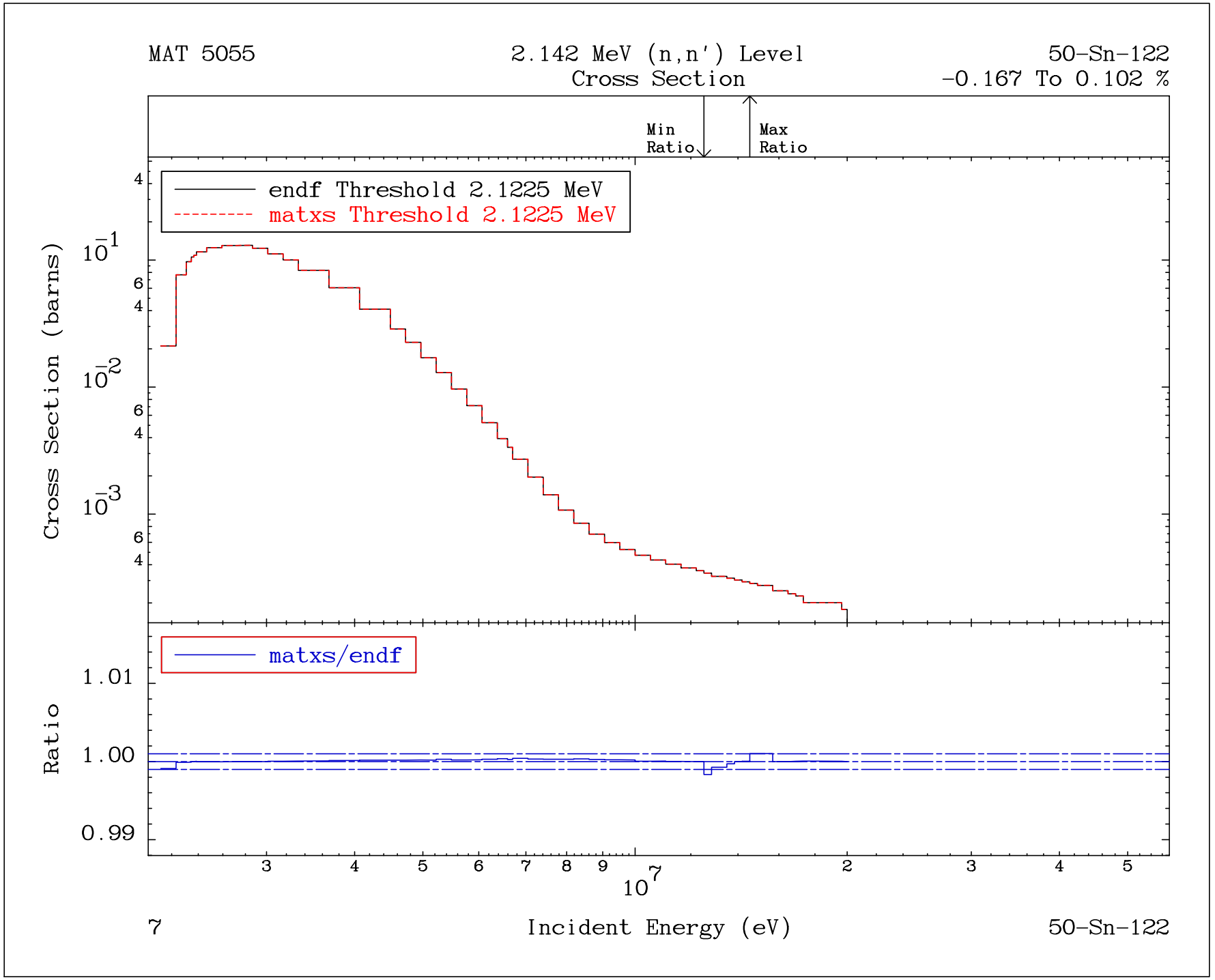

MAT 5055
(n,2n)
Cross Section
50-Sn-122
-0.843 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 8.6071 MeV
matxs Threshold 8.6071 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (MeV)
50-Sn-122
2

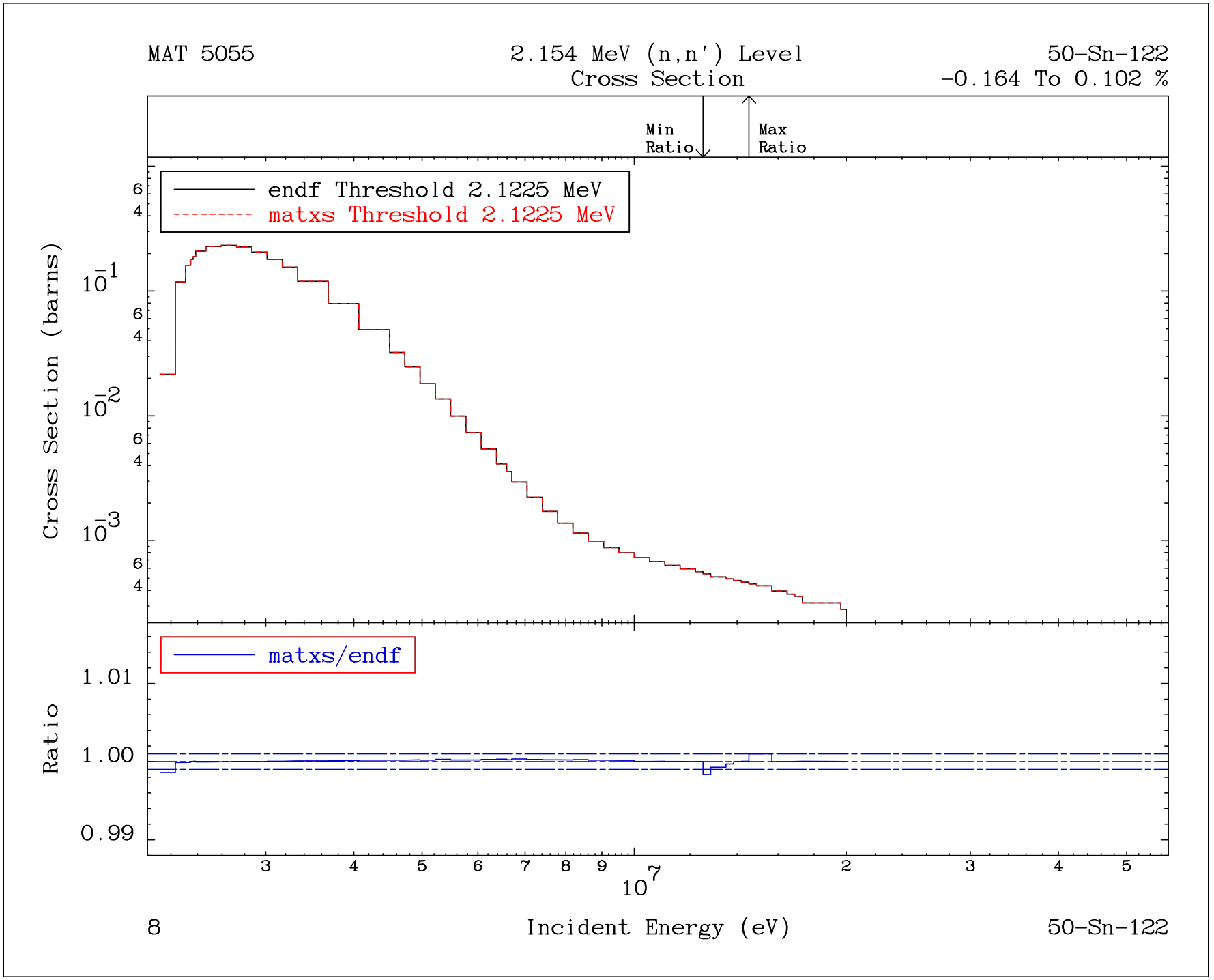

MAT 5055
(n,n') α
Cross Section
50-Sn-122
-2.481 To 4.139 %
Max Ratio
Min Ratio
endf Threshold 5.4881 MeV
matxs Threshold 5.4881 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
3
50-Sn-122

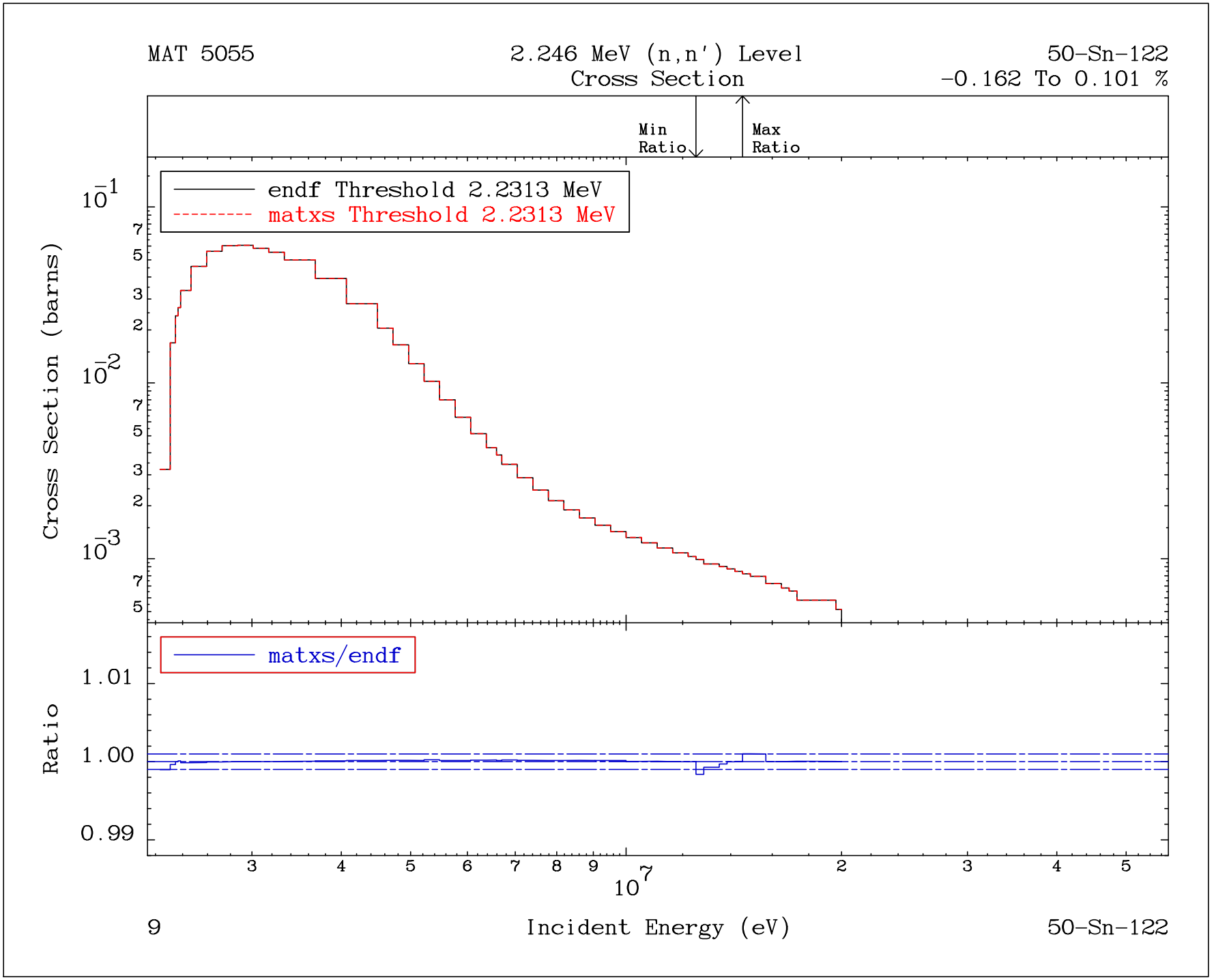

MAT 5055
(n,n') p
Cross Section
50-Sn-122
-4.510 To 6.274 %
Min
Ratio
endf Threshold 11.052 MeV
matxs Threshold 11.052 MeV
Cross Section (barns)
10-3
10-6
10-9
10-12
10-15
10-18
matxs/endf
Ratio
1.05
1.00
0.95
15
20
25
30
35
40
45
50
55
4
Incident Energy (MeV)
50-Sn-122

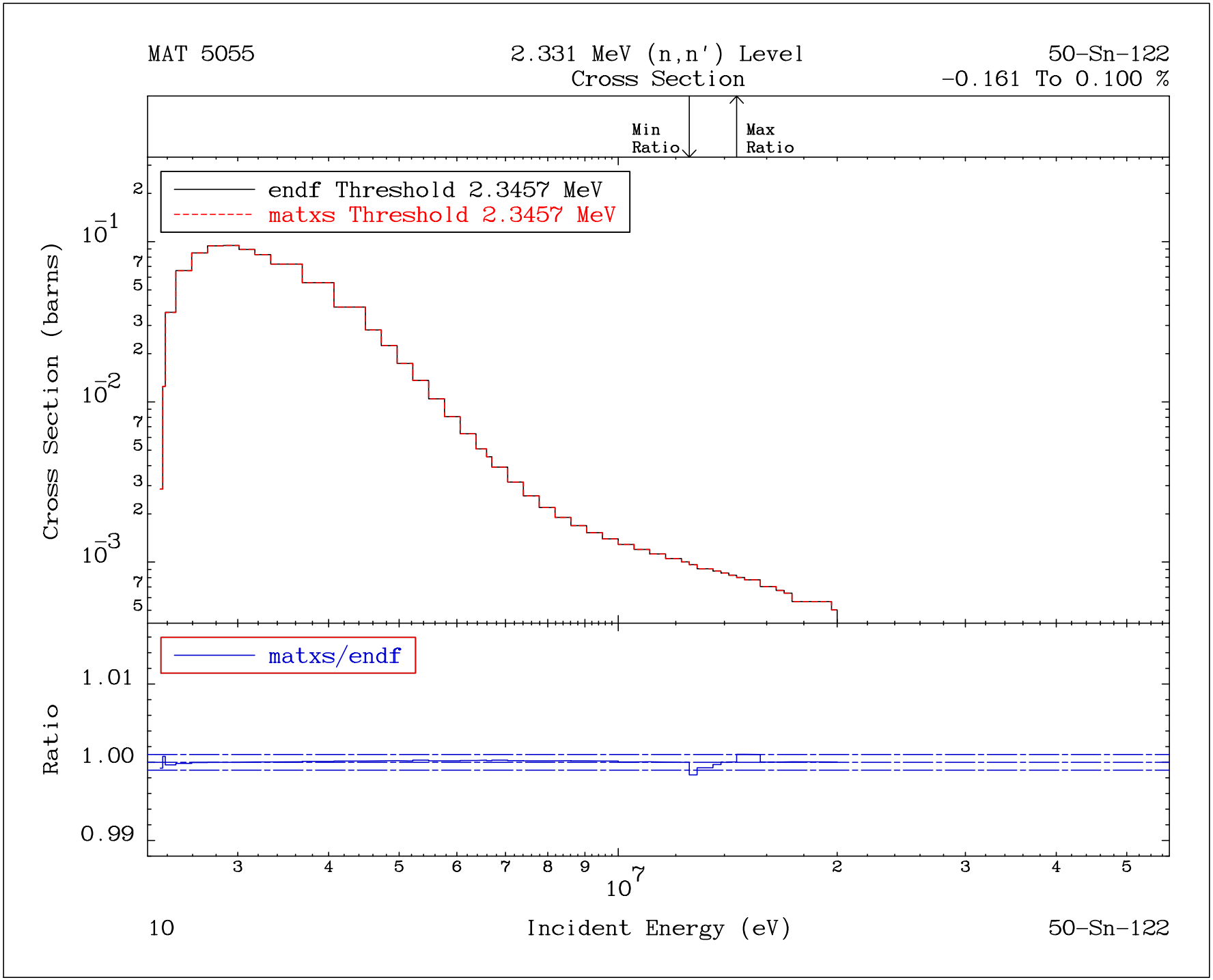

MAT 5055
1.141 MeV (n,n') Level
Cross Section
50-Sn-122
-0.128 To 0.495 %
Max Ratio
Min Ratio
endf Threshold 1.1080 MeV
matxs Threshold 1.1080 MeV
Cross Section (barns)
matxs/endf
Ratio
1.010
1.000
Incident Energy (eV)
5
50-Sn-122

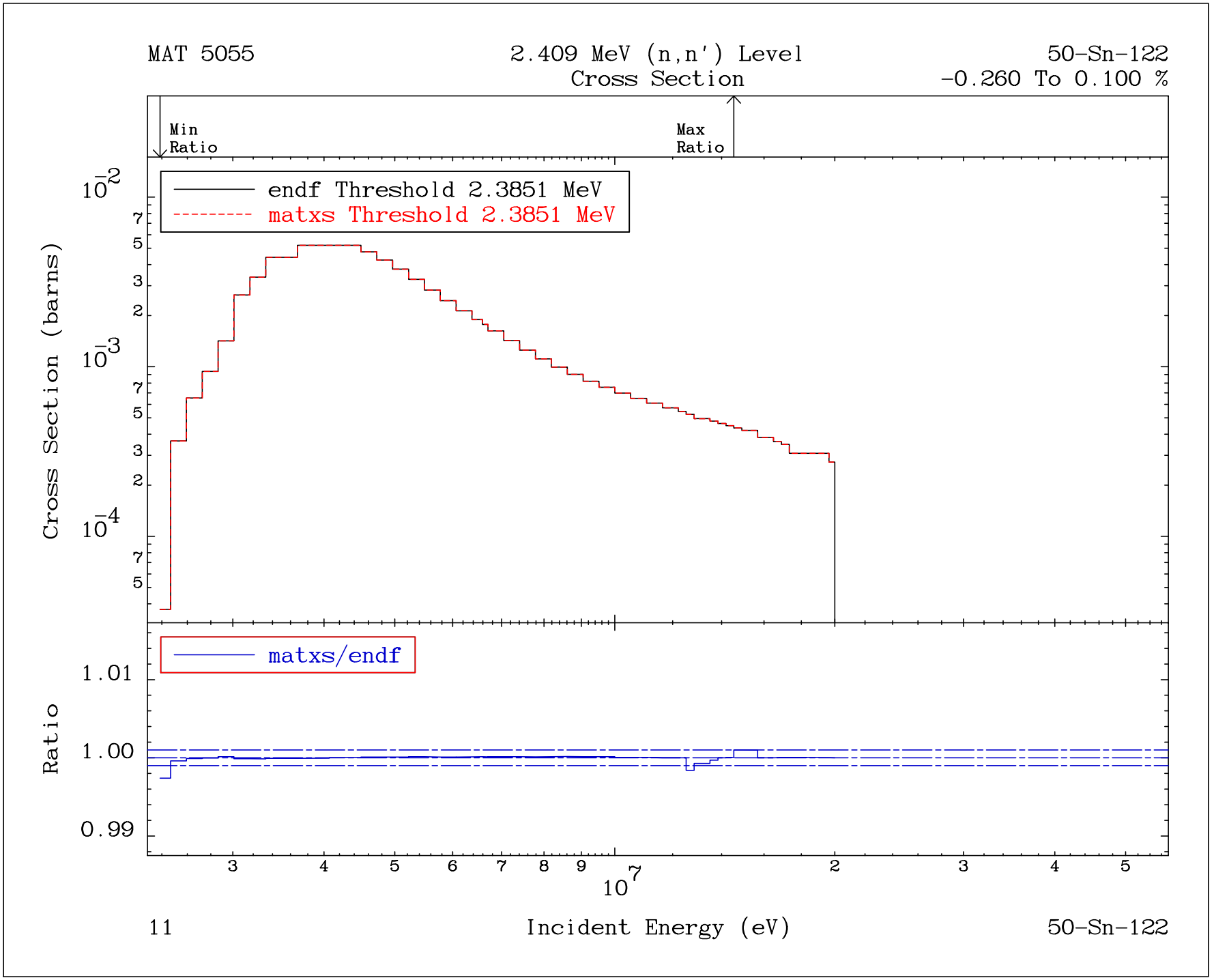

MAT 5055
2.088 MeV (n,n') Level
Cross Section
50-Sn-122
-0.448 To 0.102 %
Min Ratio
Max Ratio
endf Threshold 2.0190 MeV
matxs Threshold 2.0190 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
6
50-Sn-122

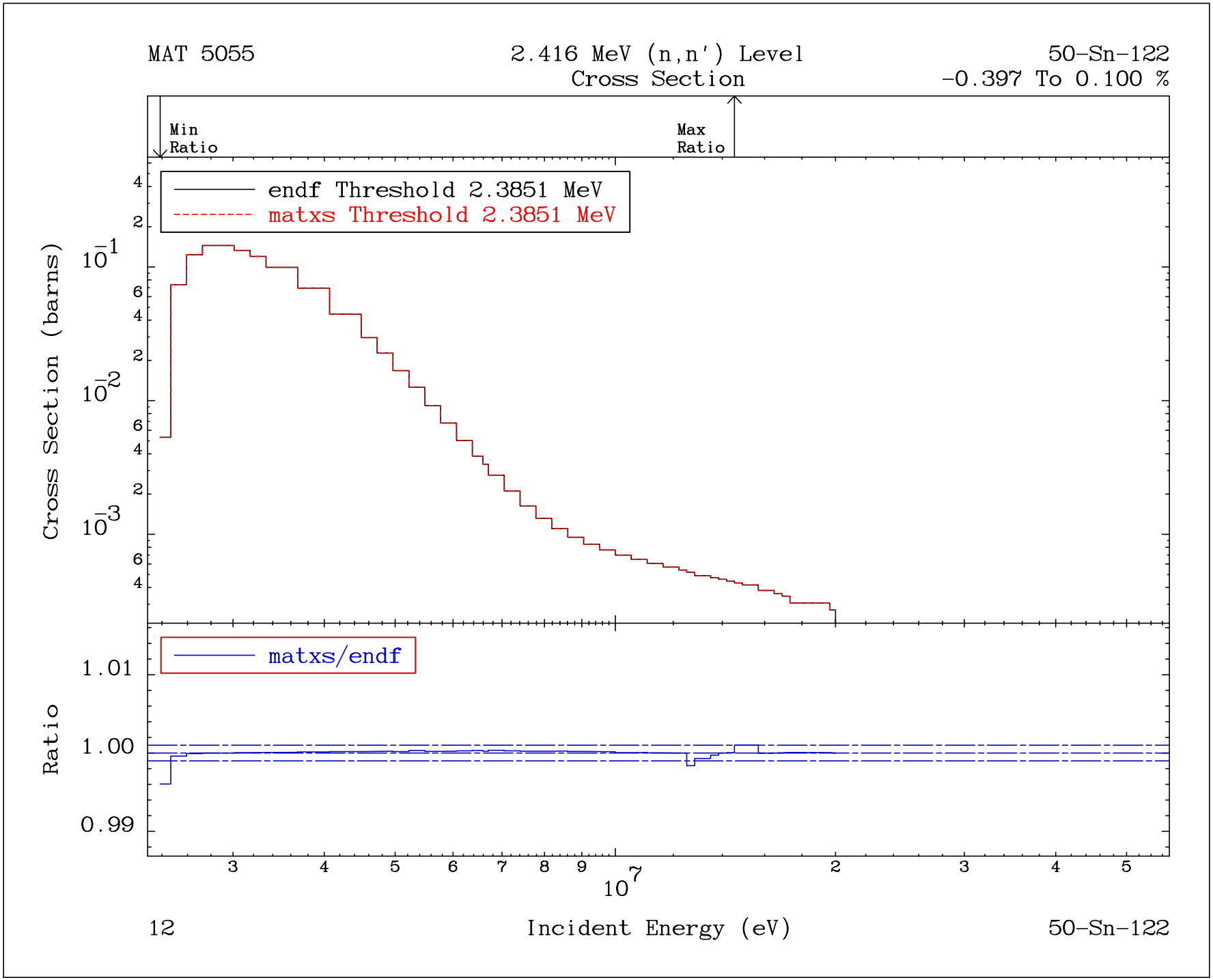

MAT 5055
2.142 MeV (n,n') Level
Cross Section
50-Sn-122
-0.167 To 0.102 %
Min Ratio
Max Ratio
endf Threshold 2.1225 MeV
matxs Threshold 2.1225 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
50-Sn-122

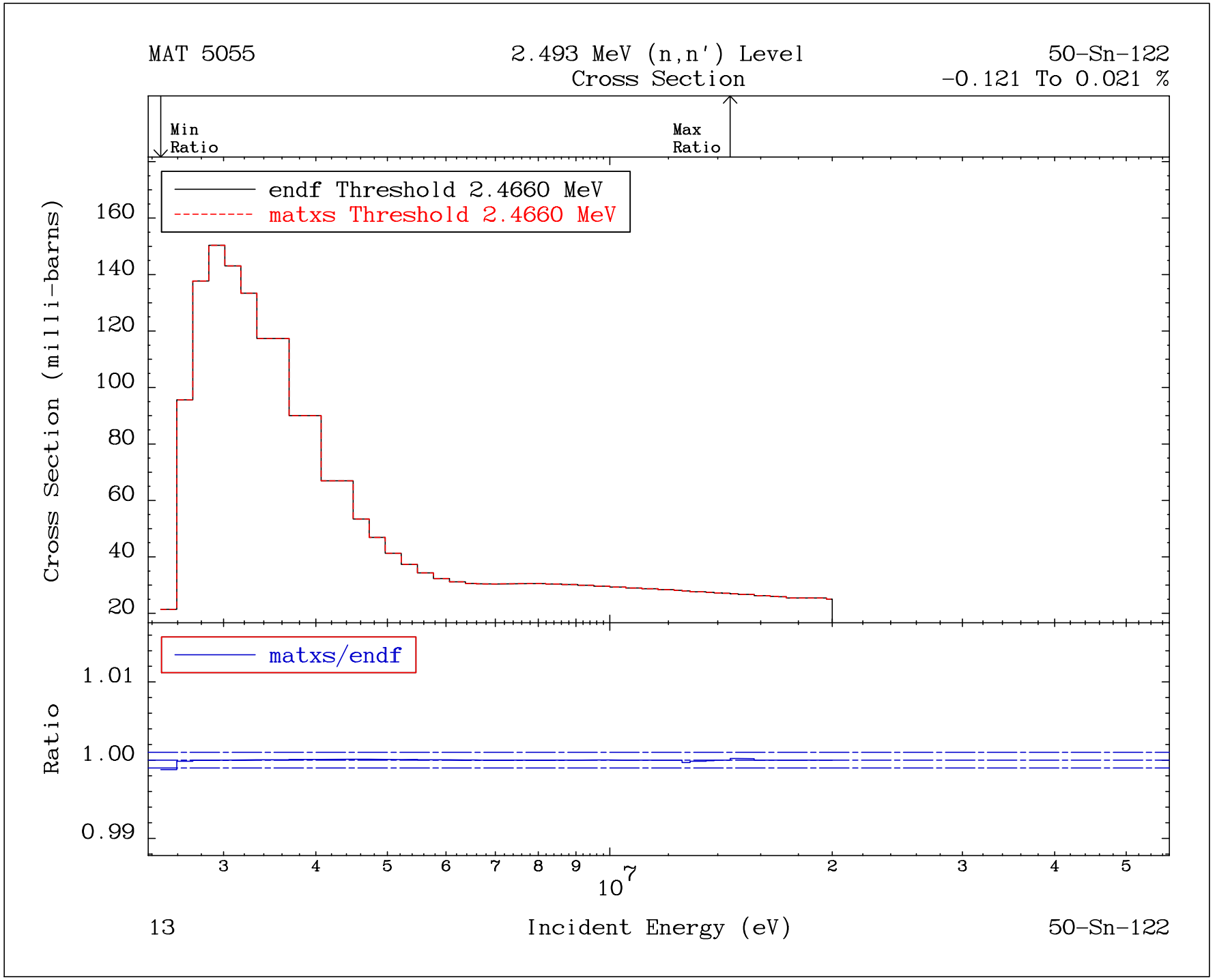

MAT 5055
2.154 MeV (n,n') Level
Cross Section
50-Sn-122
-0.164 To 0.102 %
Min Ratio
Max Ratio
endf Threshold 2.1225 MeV
matxs Threshold 2.1225 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
8
50-Sn-122

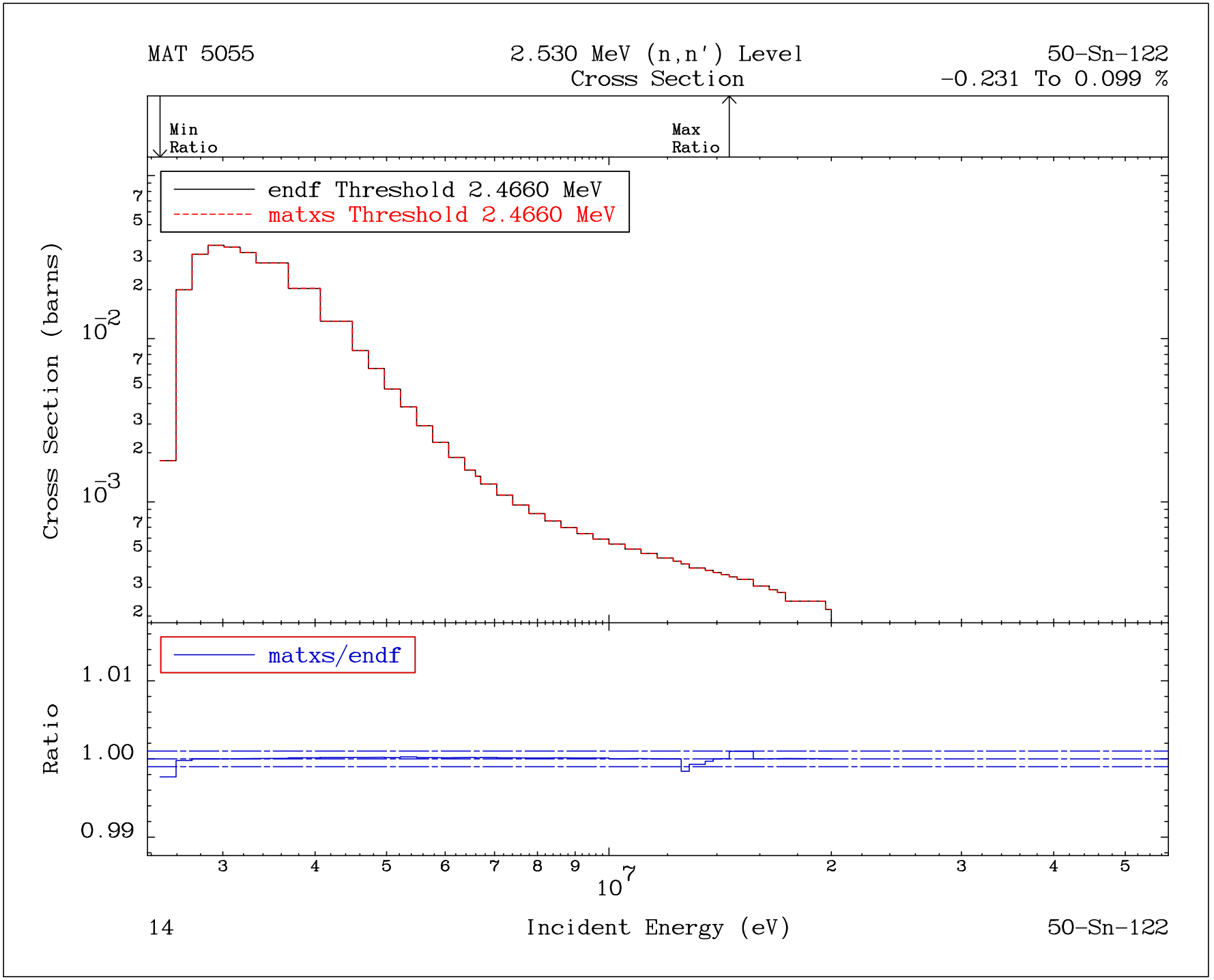

MAT 5055
2.246 MeV (n,n') Level
Cross Section
50-Sn-122
-0.162 To 0.101 %
Min Ratio
Max Ratio
endf Threshold 2.2313 MeV
matxs Threshold 2.2313 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
9
50-Sn-122

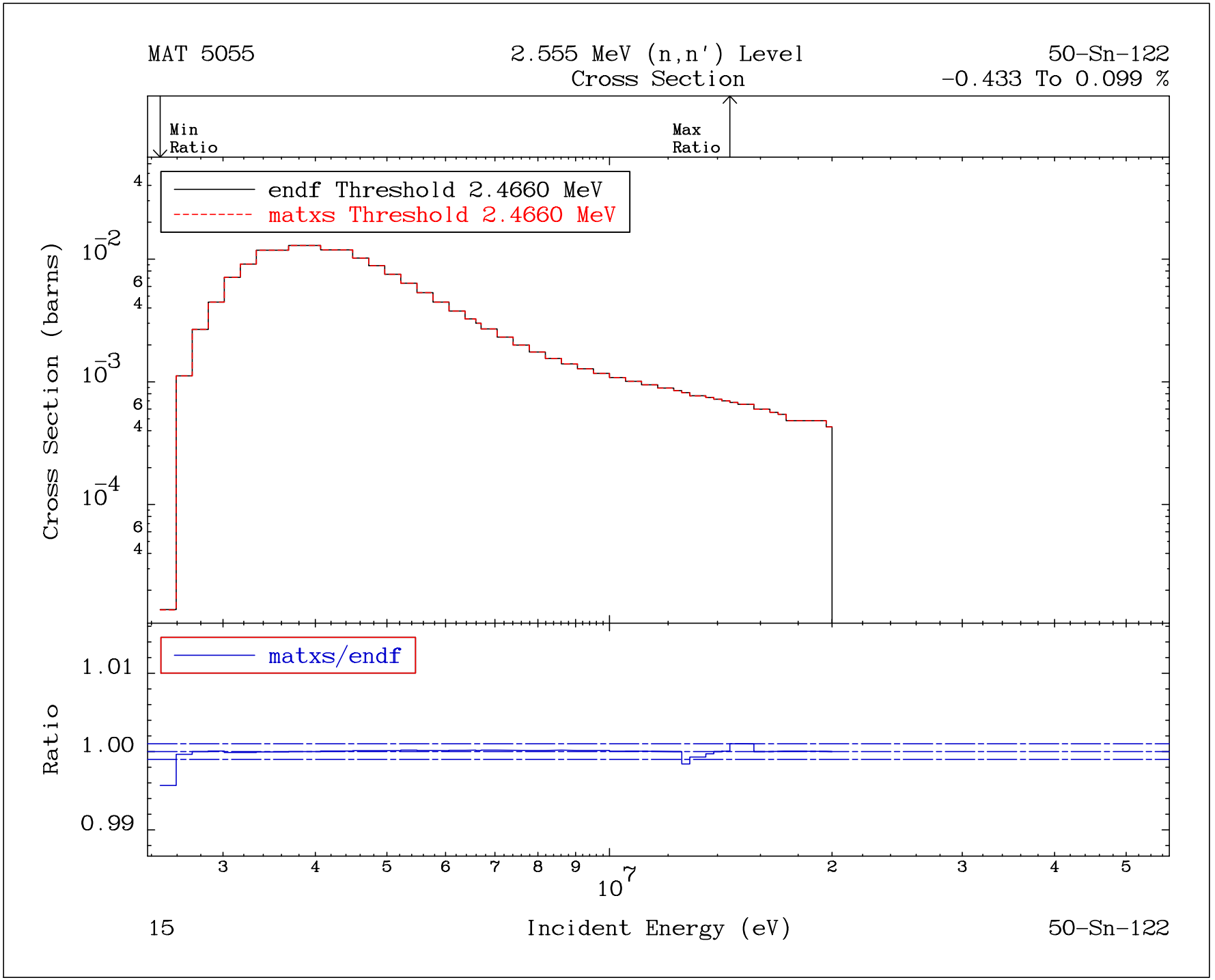

MAT 5055
2.331 MeV (n,n') Level
Cross Section
50-Sn-122
-0.161 To 0.100 %
Min Ratio
Max Ratio
endf Threshold 2.3457 MeV
matxs Threshold 2.3457 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
50-Sn-122

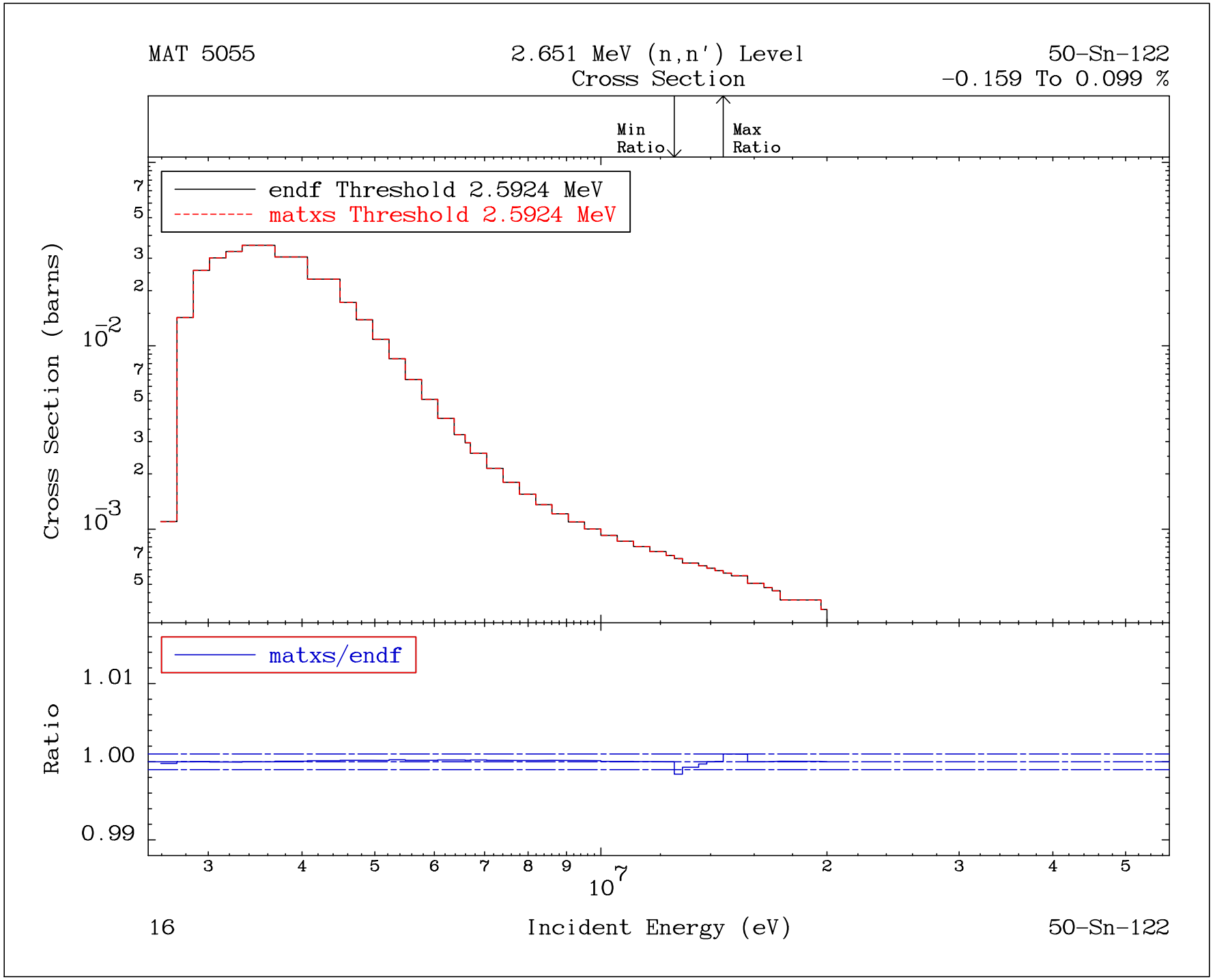

MAT 5055
2.409 MeV (n,n') Level
Cross Section
50-Sn-122
-0.260 To 0.100 %
Min Ratio
Max Ratio
endf Threshold 2.3851 MeV
matxs Threshold 2.3851 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
11
50-Sn-122

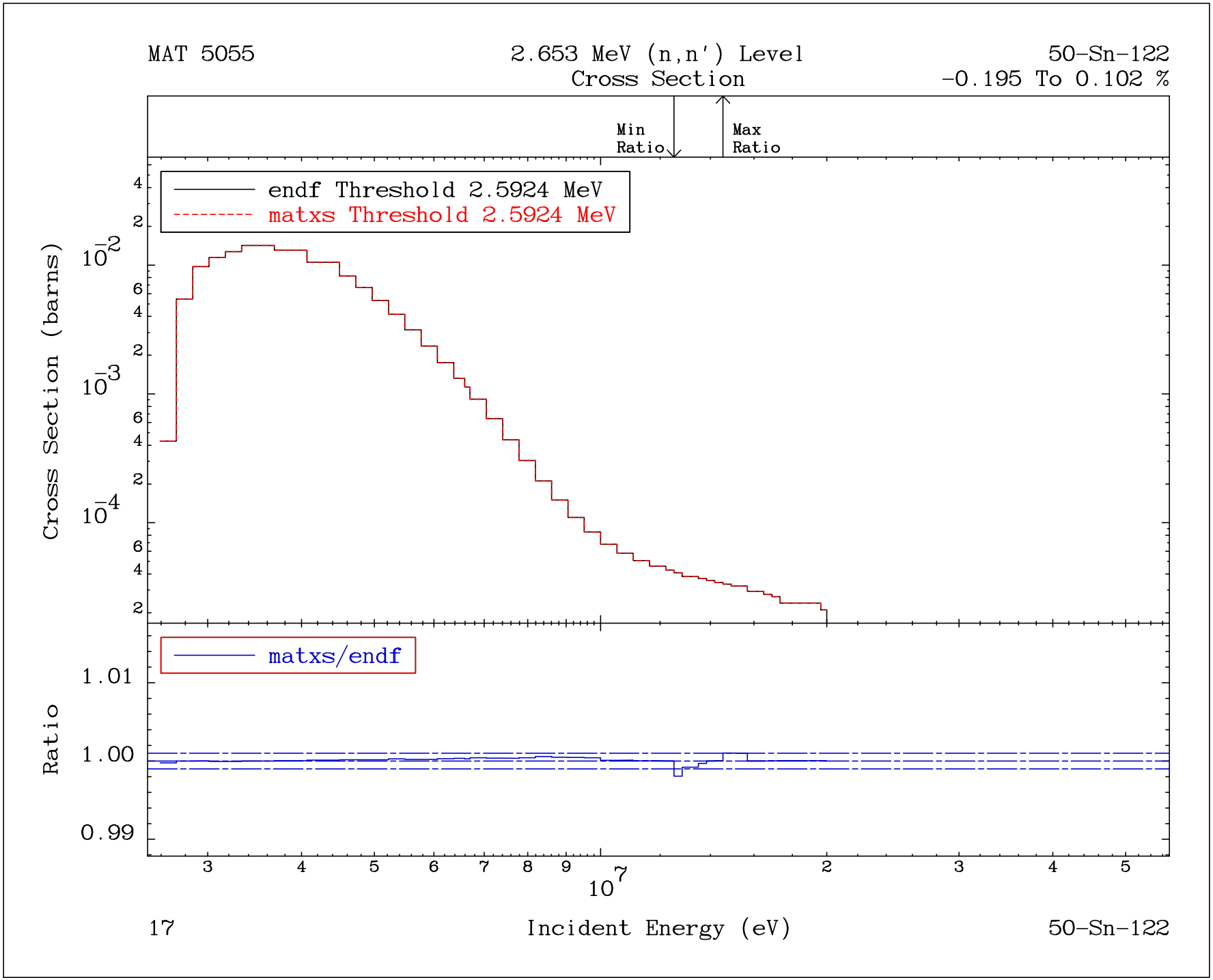

MAT 5055
2.416 MeV (n,n') Level
Cross Section
50-Sn-122
-0.397 To 0.100 %
Min Ratio
Max Ratio
endf Threshold 2.3851 MeV
matxs Threshold 2.3851 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
12
50-Sn-122

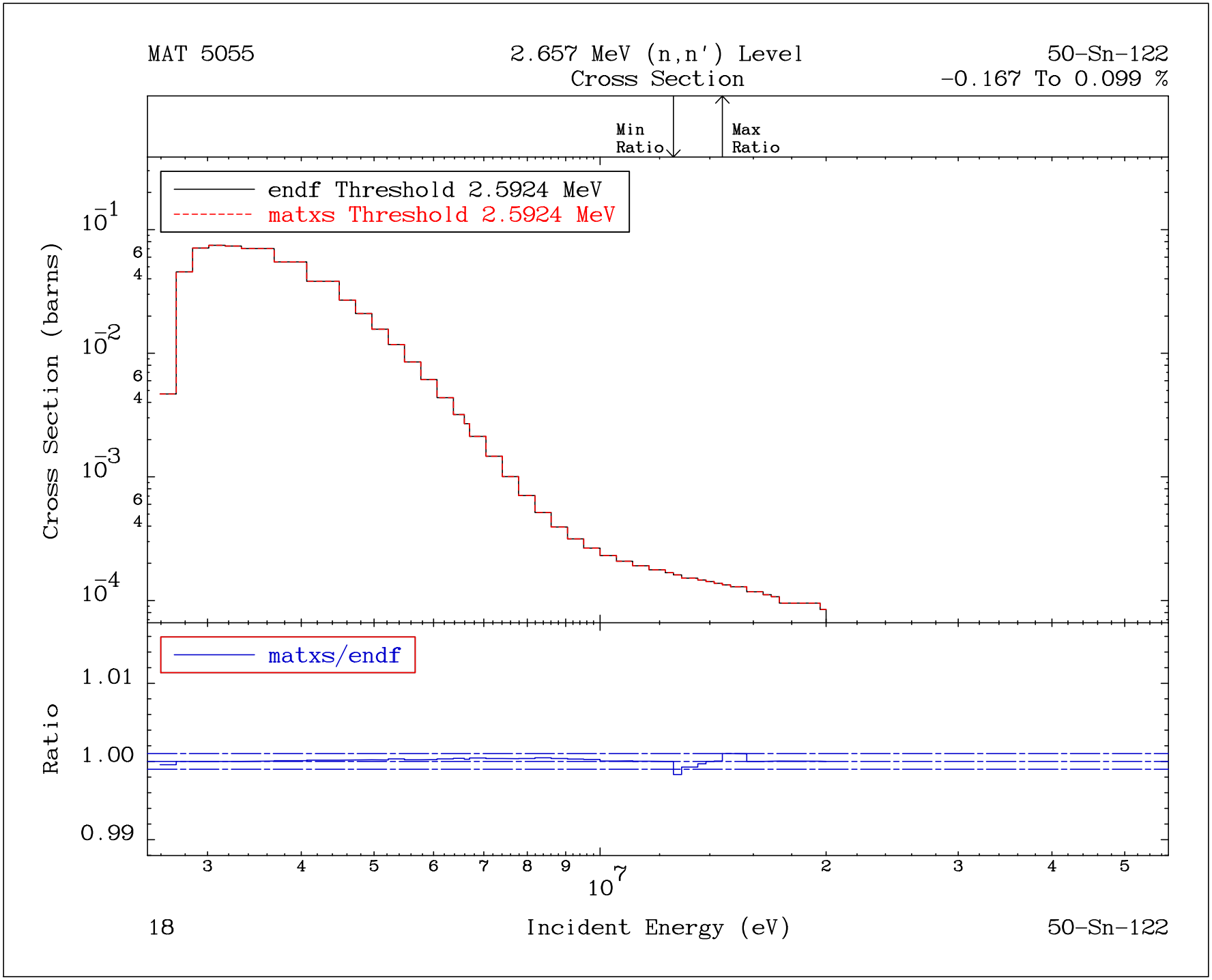

MAT 5055
2.493 MeV (n,n') Level
Cross Section
50-Sn-122
-0.121 To 0.021 %
Min Ratio
Max Ratio
endf Threshold 2.4660 MeV
matxs Threshold 2.4660 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
matxs/endf
Ratio
1.01
1.00
0.99
3
4
5
6
7
8
9
10^7
2
3
4
5
13
Incident Energy (eV)
50-Sn-122

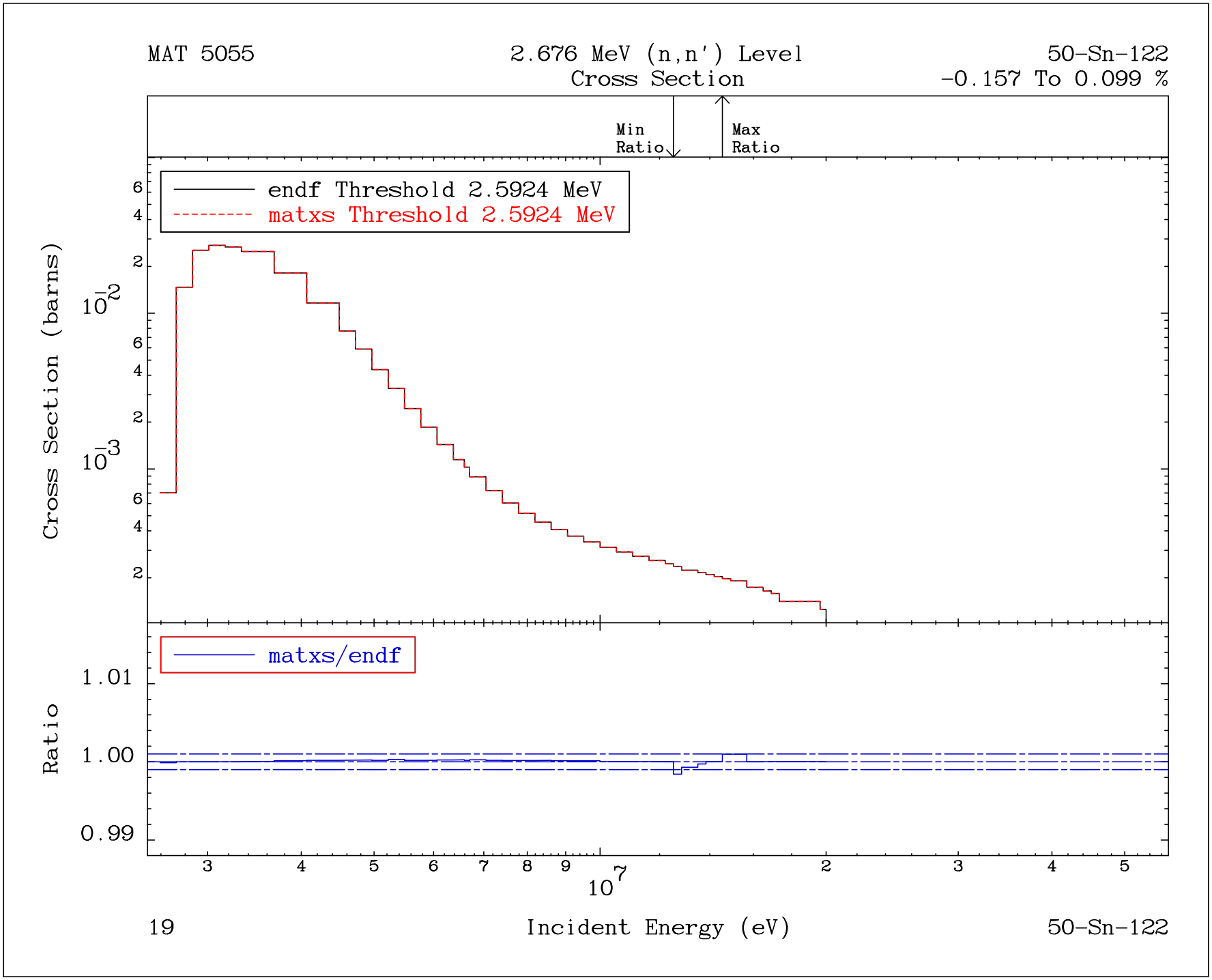

MAT 5055
2.530 MeV (n,n') Level
Cross Section
50-Sn-122
-0.231 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.4660 MeV
matxs Threshold 2.4660 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
14
50-Sn-122

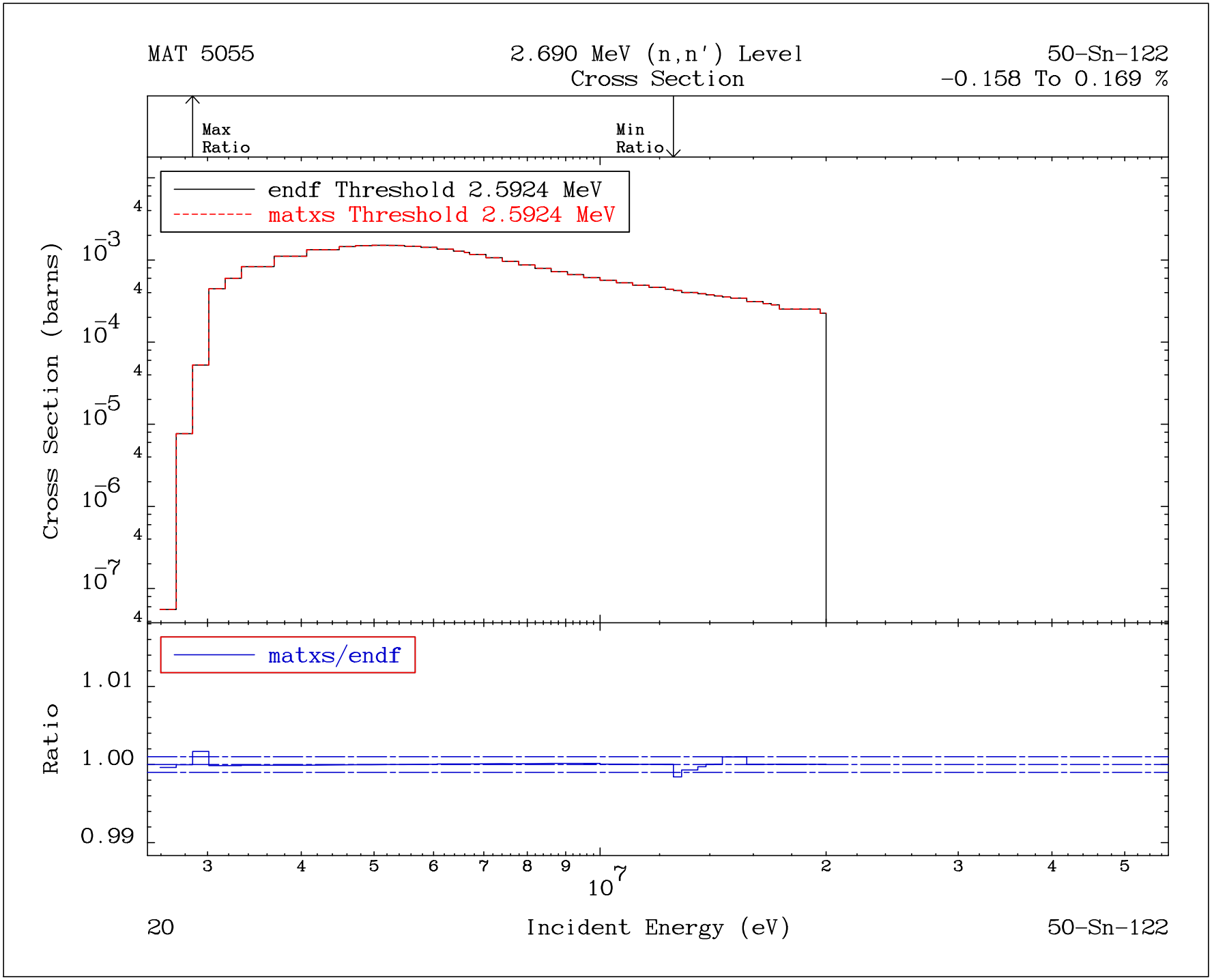

MAT 5055
2.555 MeV (n,n') Level
Cross Section
50-Sn-122
-0.433 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.4660 MeV
matxs Threshold 2.4660 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
15
50-Sn-122

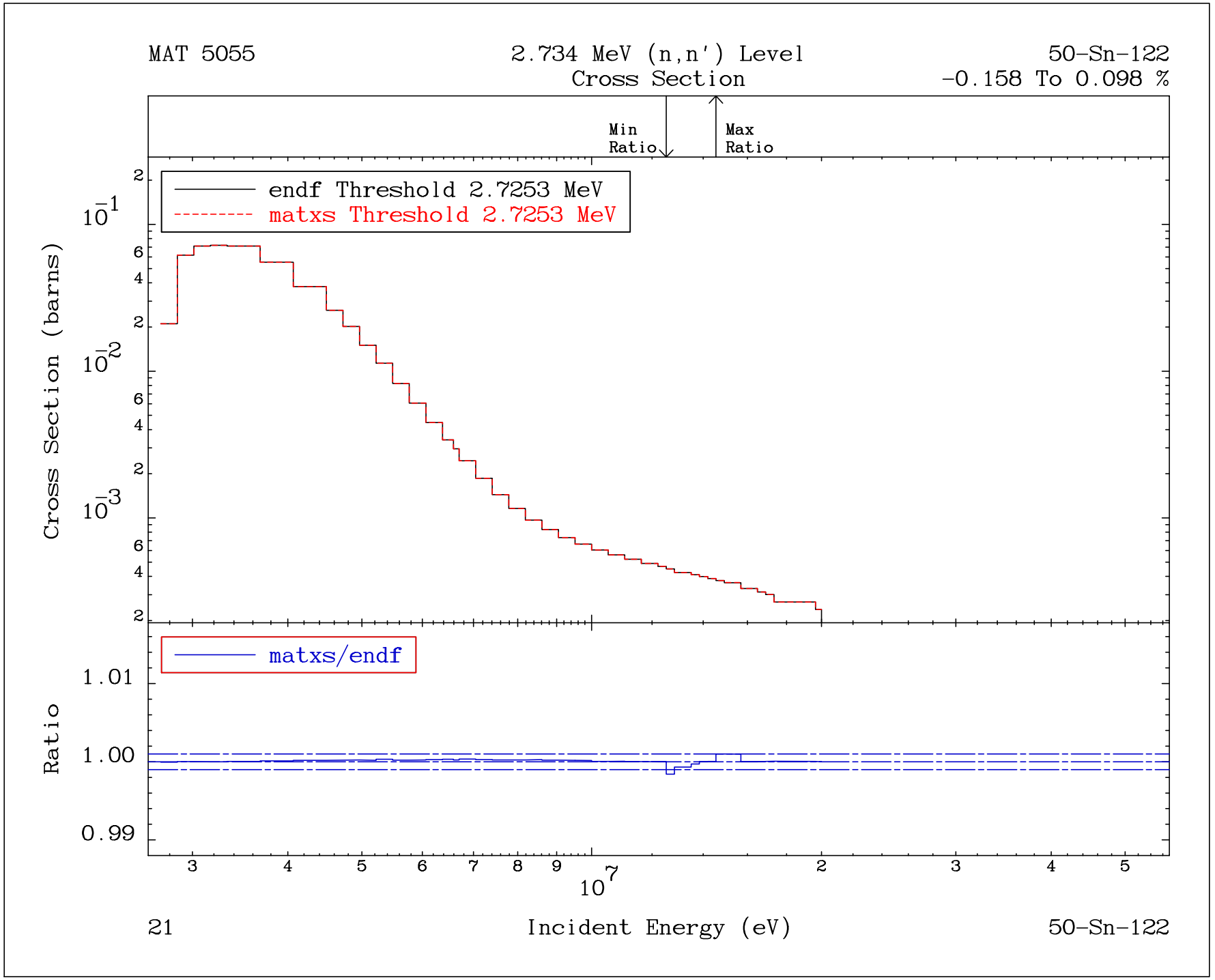

MAT 5055
2.651 MeV (n,n') Level
Cross Section
50-Sn-122
-0.159 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.5924 MeV
matxs Threshold 2.5924 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
16
50-Sn-122

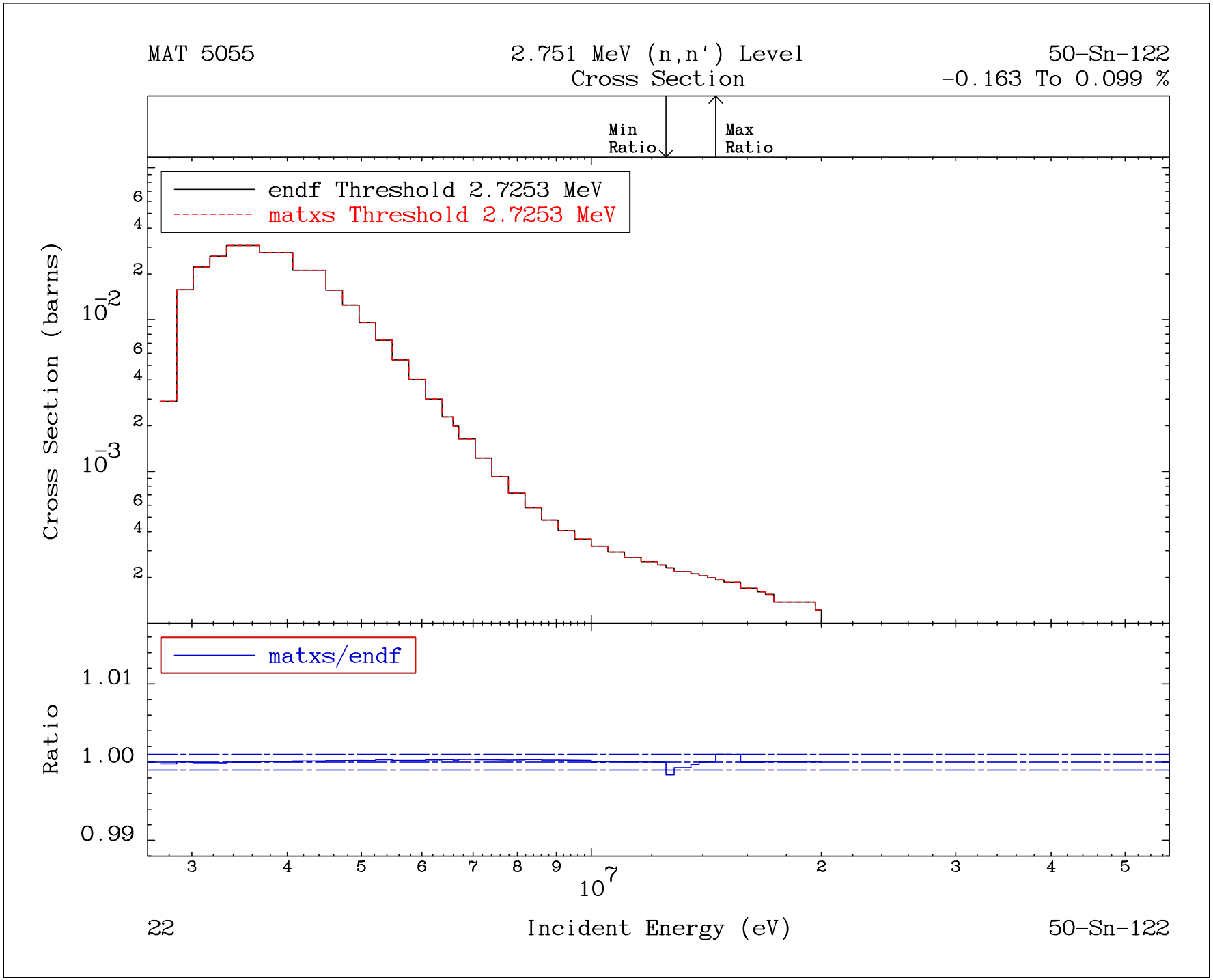

MAT 5055
2.653 MeV (n,n') Level
Cross Section
50-Sn-122
-0.195 To 0.102 %
Min Ratio
Max Ratio
endf Threshold 2.5924 MeV
matxs Threshold 2.5924 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
17
50-Sn-122

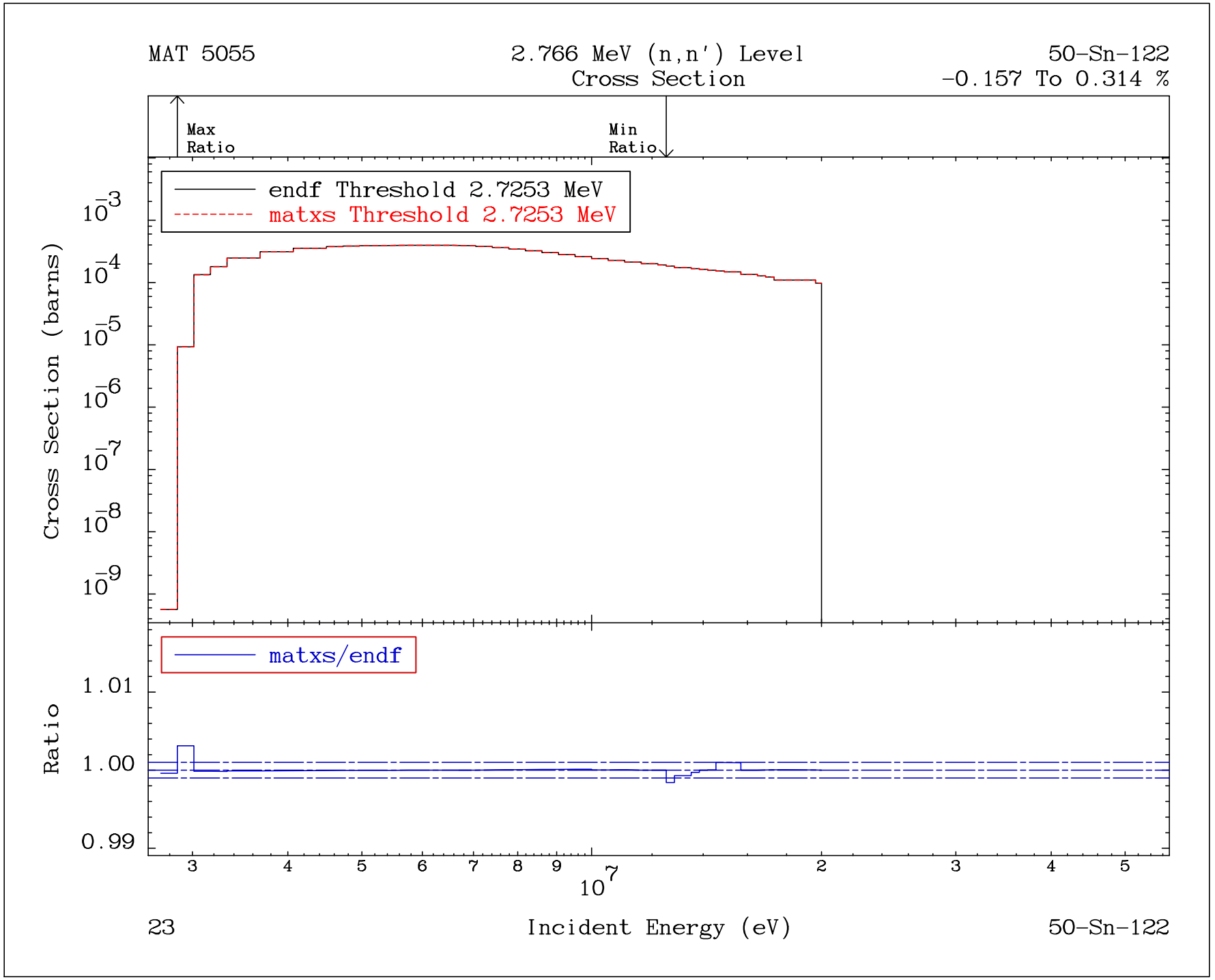

MAT 5055
2.657 MeV (n,n') Level
Cross Section
50-Sn-122
-0.167 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.5924 MeV
matxs Threshold 2.5924 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
18
50-Sn-122

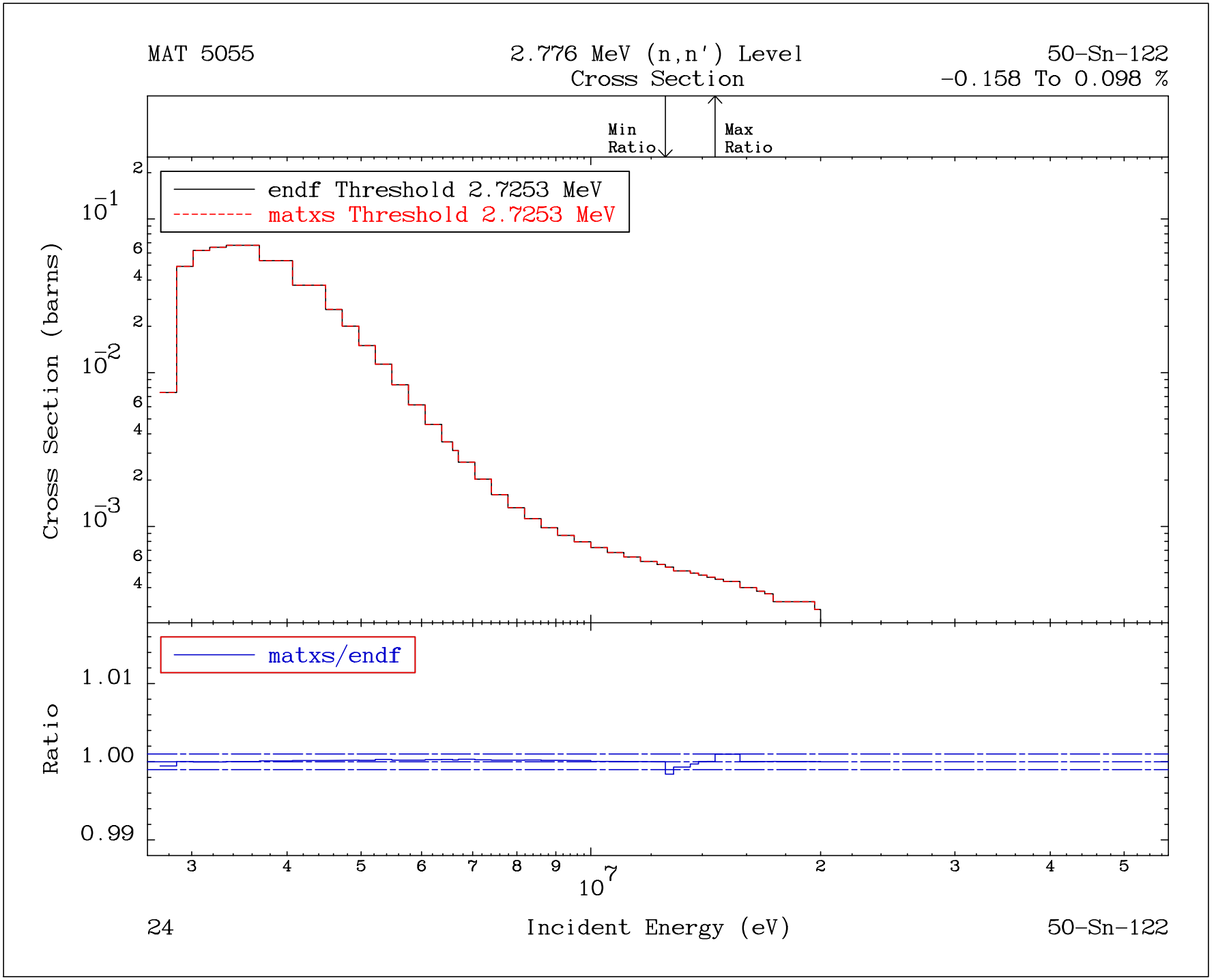

MAT 5055
2.676 MeV (n,n') Level
Cross Section
50-Sn-122
-0.157 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.5924 MeV
matxs Threshold 2.5924 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
19
50-Sn-122

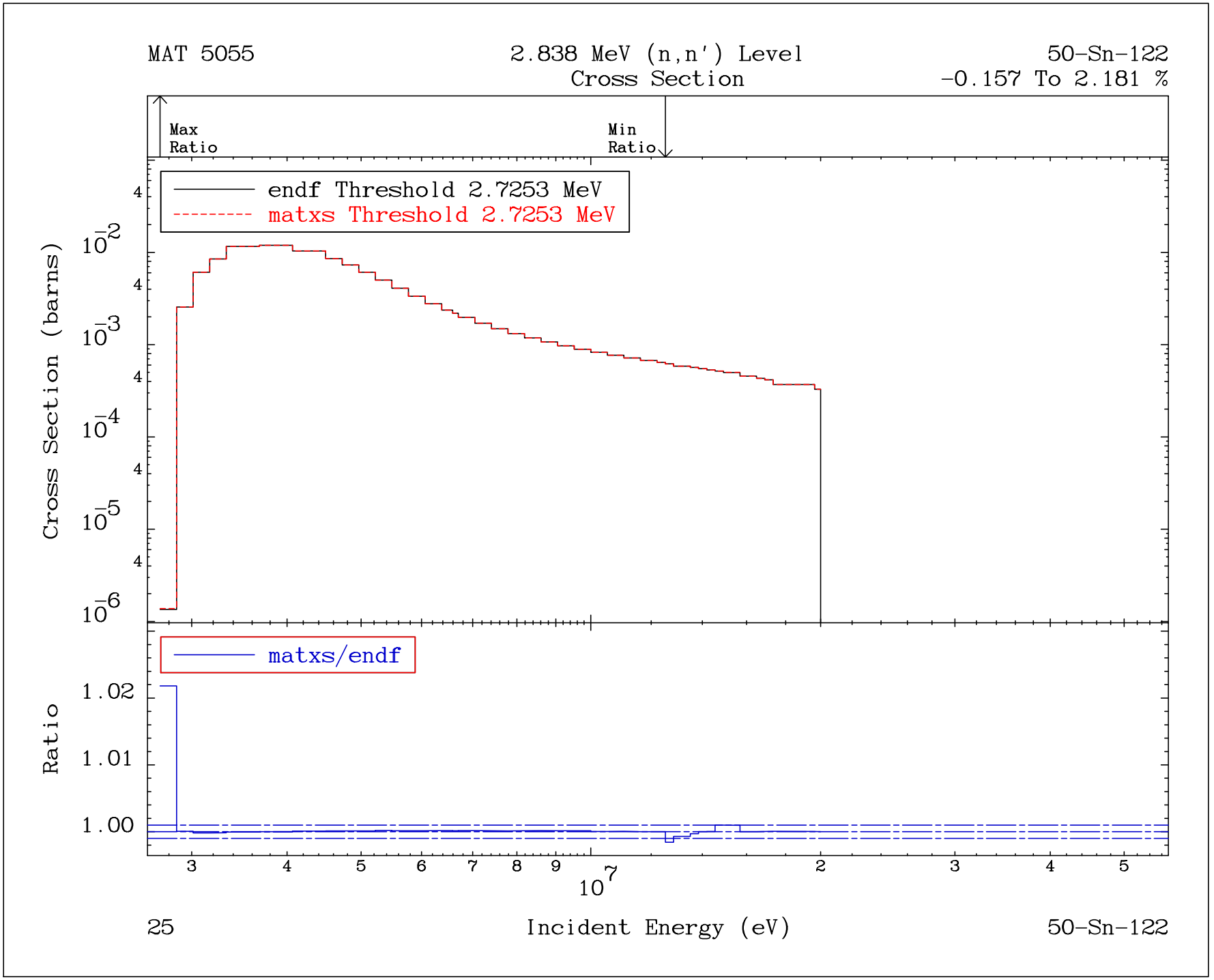

MAT 5055
2.690 MeV (n,n') Level
Cross Section
50-Sn-122
-0.158 To 0.169 %
Max Ratio
Min Ratio
endf Threshold 2.5924 MeV
matxs Threshold 2.5924 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
20
50-Sn-122

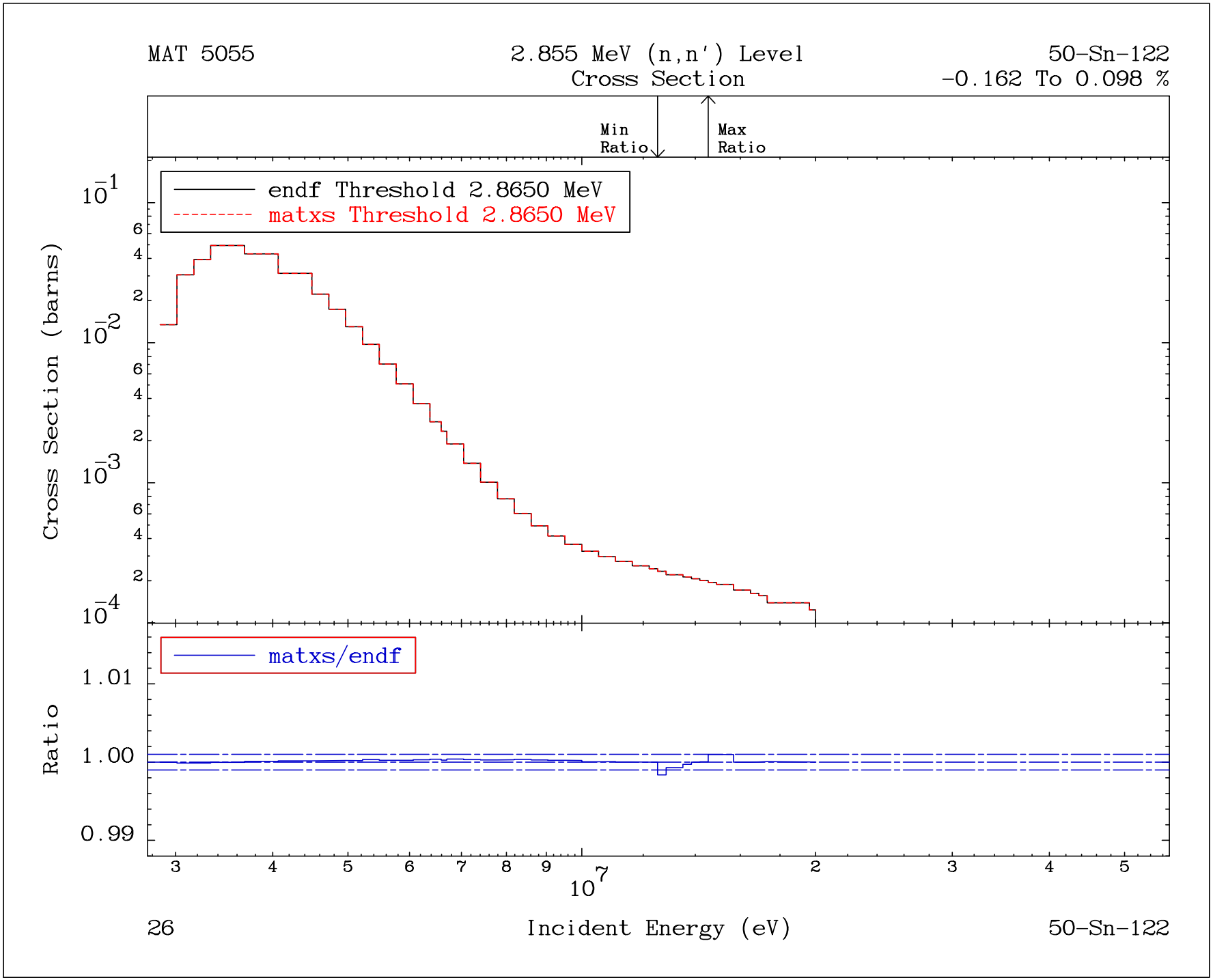

MAT 5055
2.734 MeV (n,n') Level
Cross Section
50-Sn-122
-0.158 To 0.098 %
Min Ratio
Max Ratio
endf Threshold 2.7253 MeV
matxs Threshold 2.7253 MeV
Cross Section (barns)
matxs/endf
Ratio
21
Incident Energy (eV)
50-Sn-122

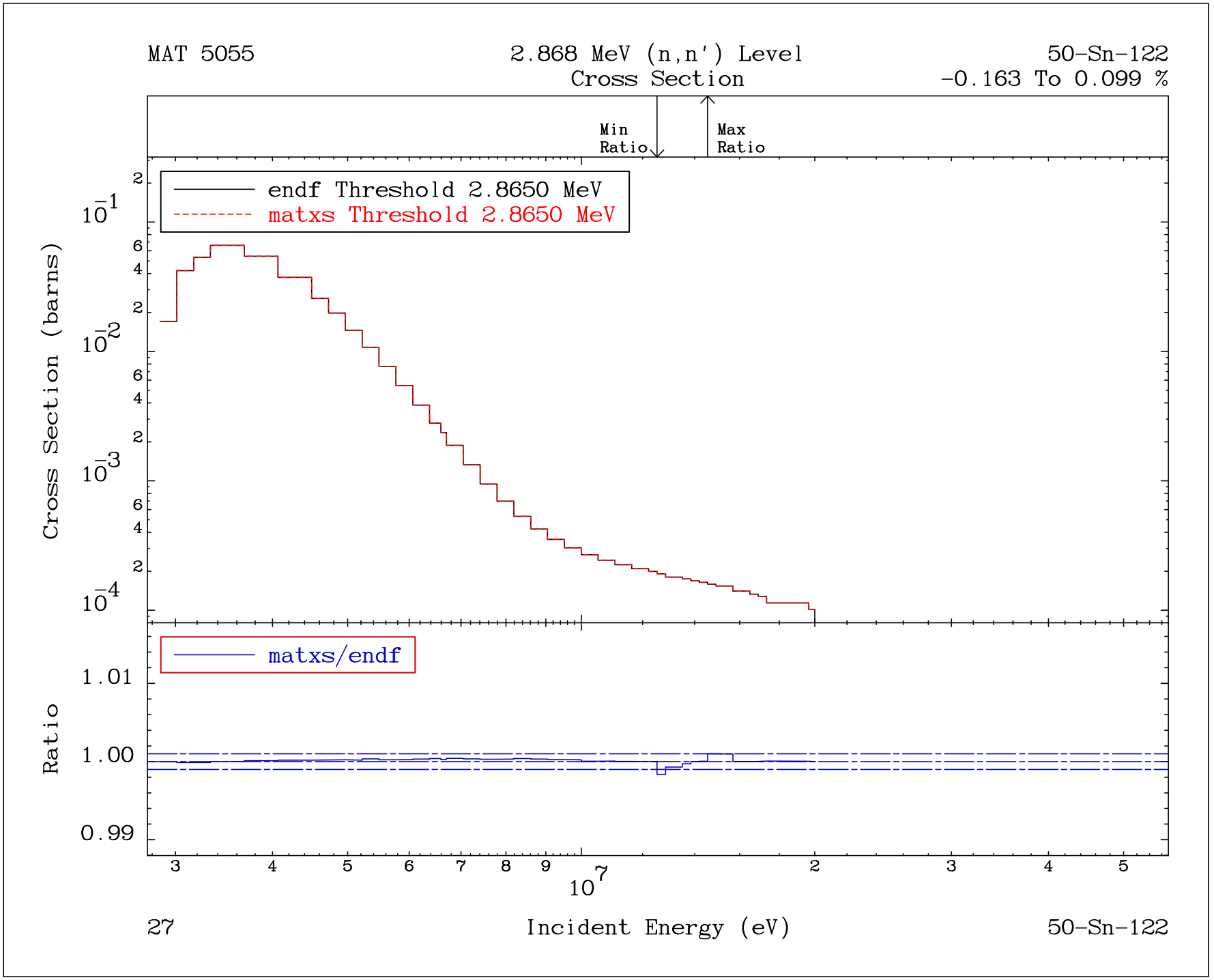

MAT 5055
2.751 MeV (n,n') Level
Cross Section
50-Sn-122
-0.163 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.7253 MeV
matxs Threshold 2.7253 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
22
50-Sn-122

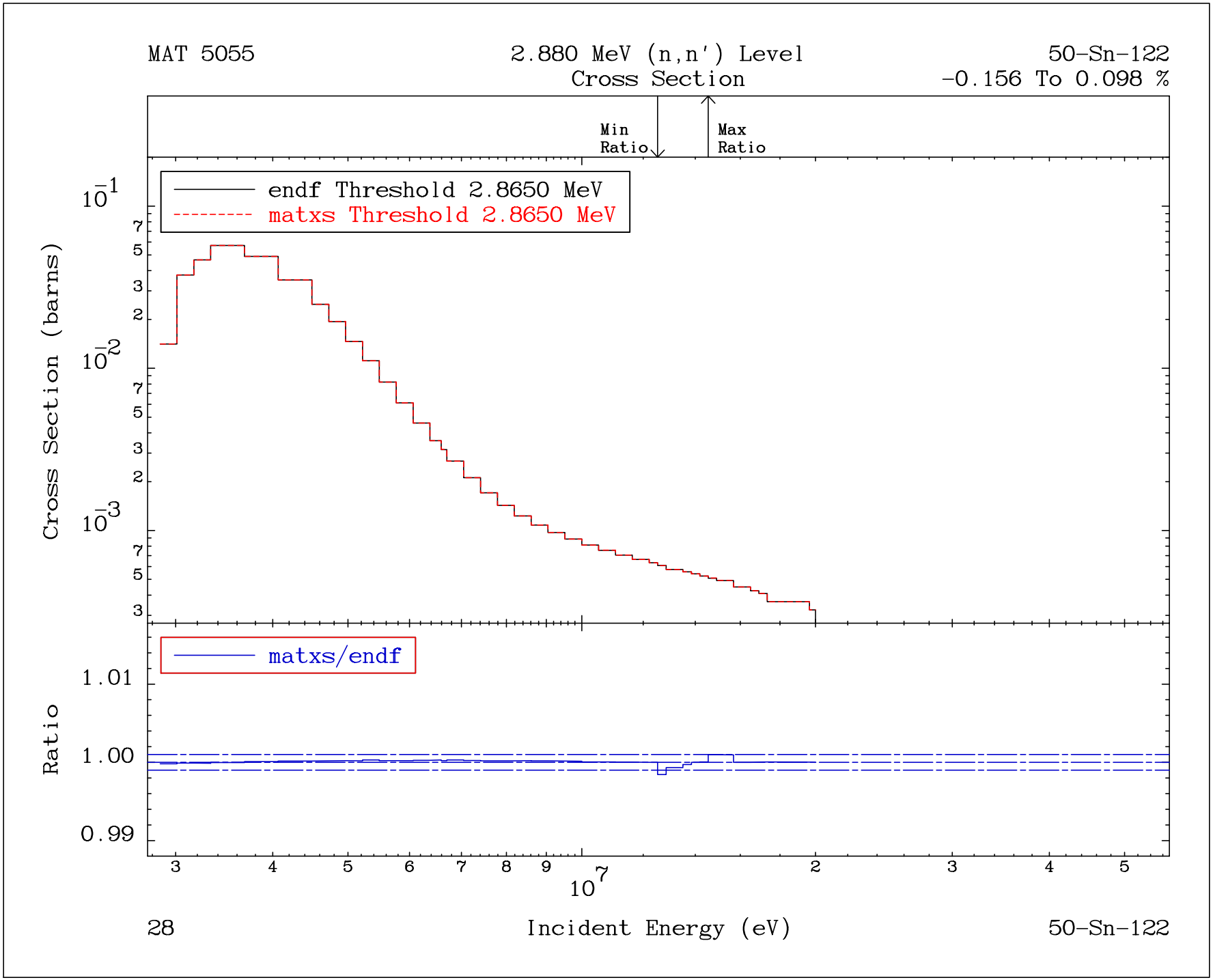

MAT 5055
2.766 MeV (n,n') Level
Cross Section
50-Sn-122
-0.157 To 0.314 %
Max Ratio
Min Ratio
endf Threshold 2.7253 MeV
matxs Threshold 2.7253 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
23
50-Sn-122

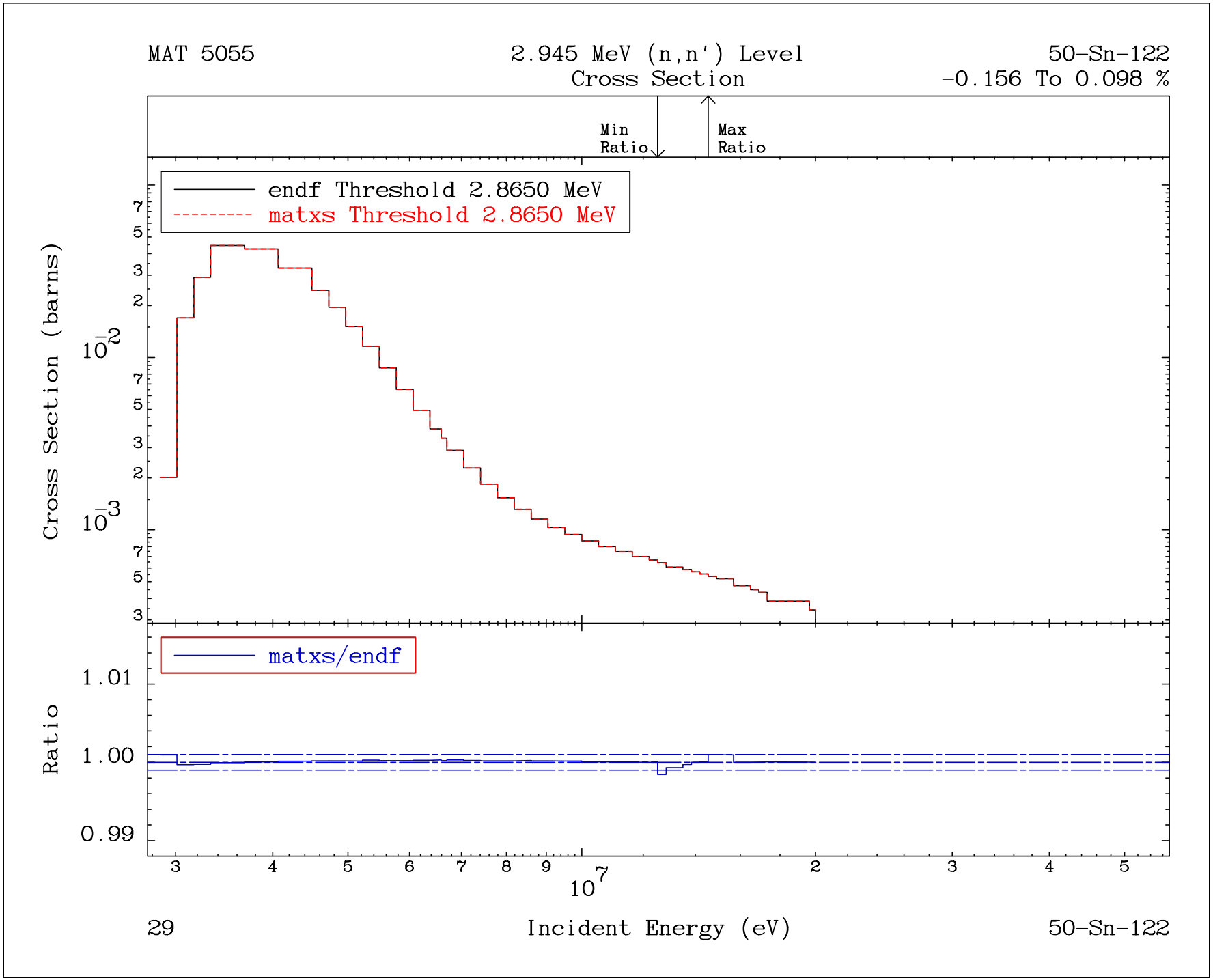

MAT 5055
2.776 MeV (n,n') Level
Cross Section
50-Sn-122
-0.158 To 0.098 %
Min Ratio
Max Ratio
endf Threshold 2.7253 MeV
matxs Threshold 2.7253 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
24
50-Sn-122

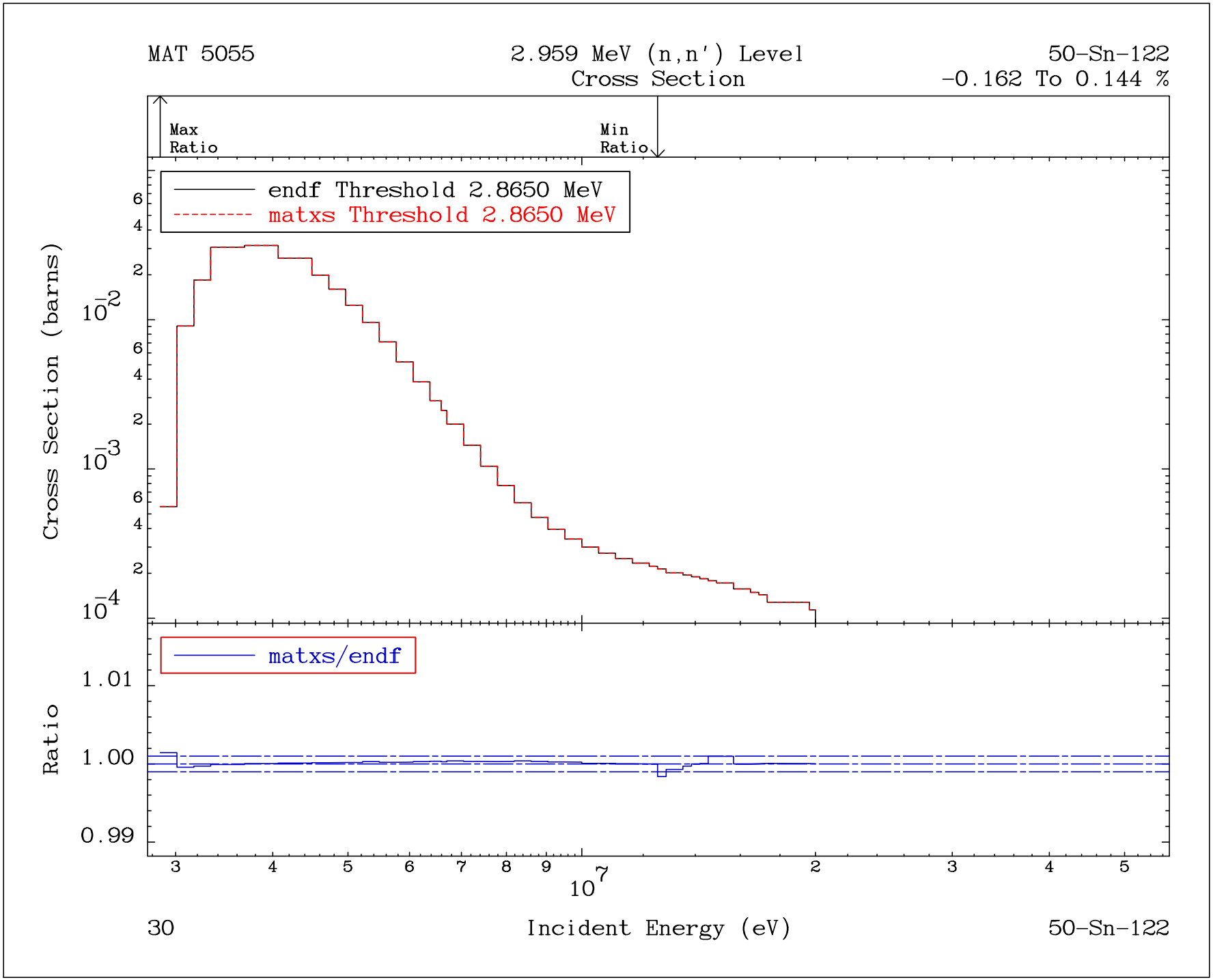

MAT 5055
2.838 MeV (n,n') Level
Cross Section
50-Sn-122
-0.157 To 2.181 %
Max Ratio
Min Ratio
endf Threshold 2.7253 MeV
matxs Threshold 2.7253 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
25
50-Sn-122

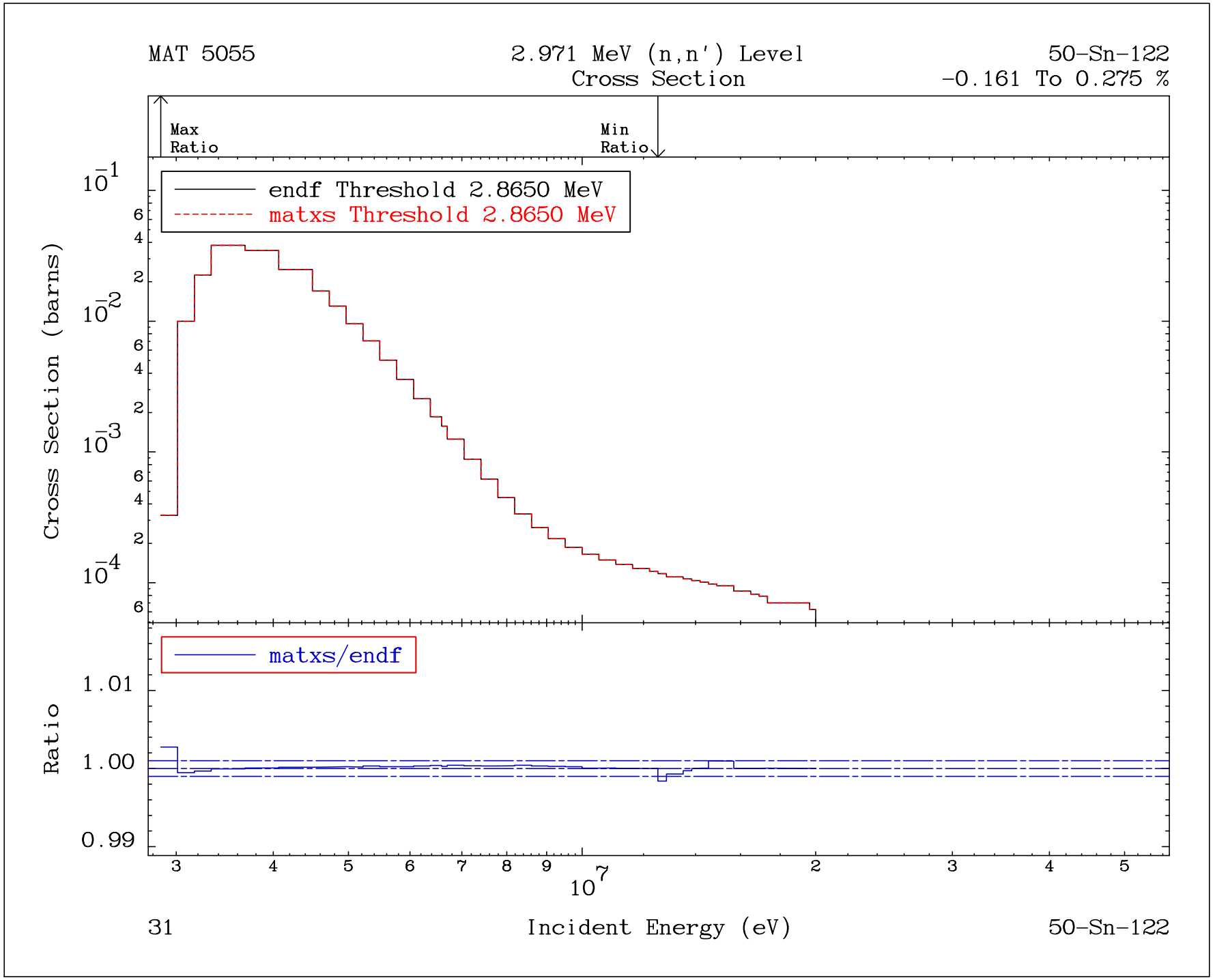

MAT 5055
2.855 MeV (n,n') Level
Cross Section
50-Sn-122
-0.162 To 0.098 %
Min Ratio
Max Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
26
50-Sn-122

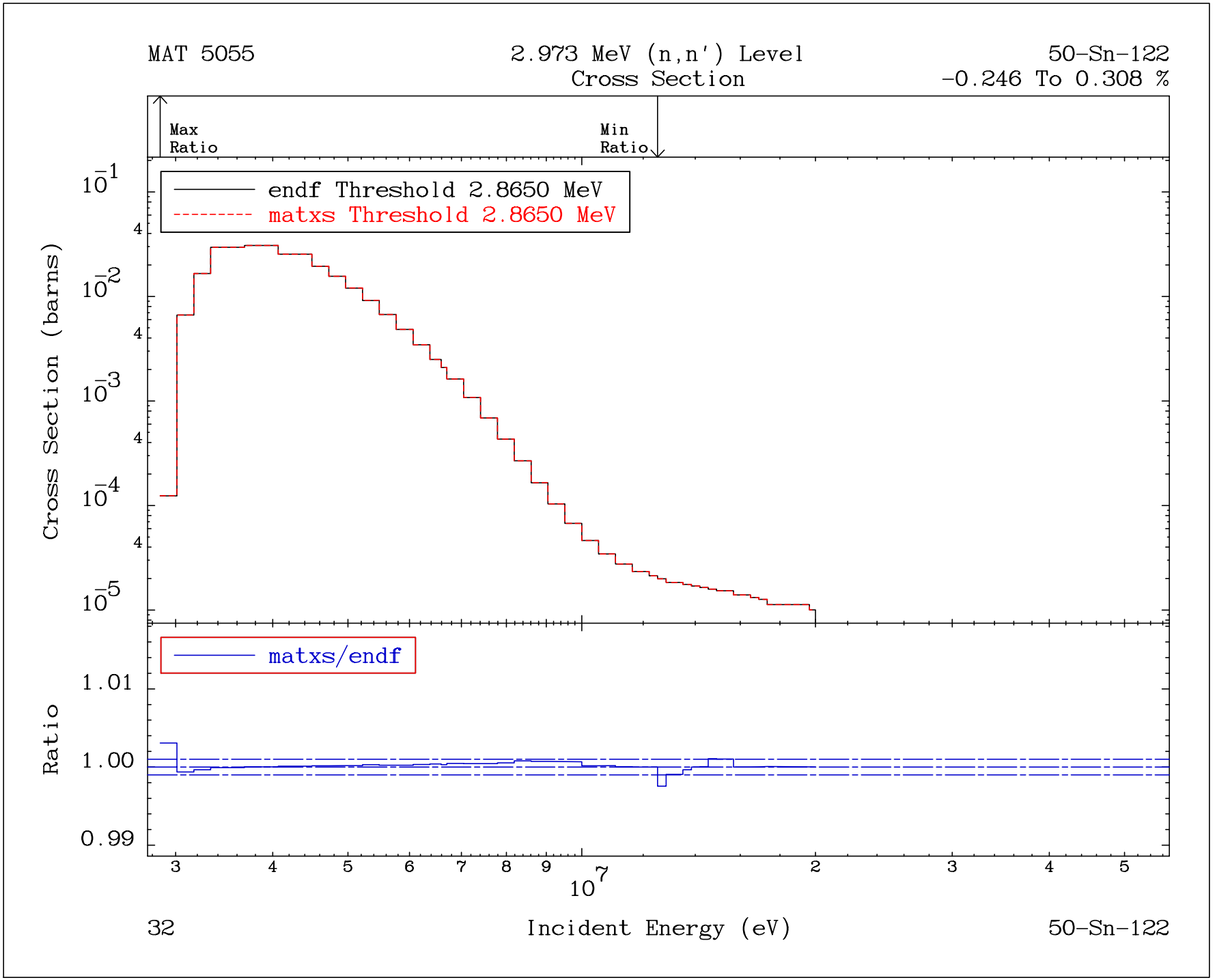

MAT 5055
2.868 MeV (n,n') Level
Cross Section
50-Sn-122
-0.163 To 0.099 %
Min Ratio
Max Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
27
50-Sn-122

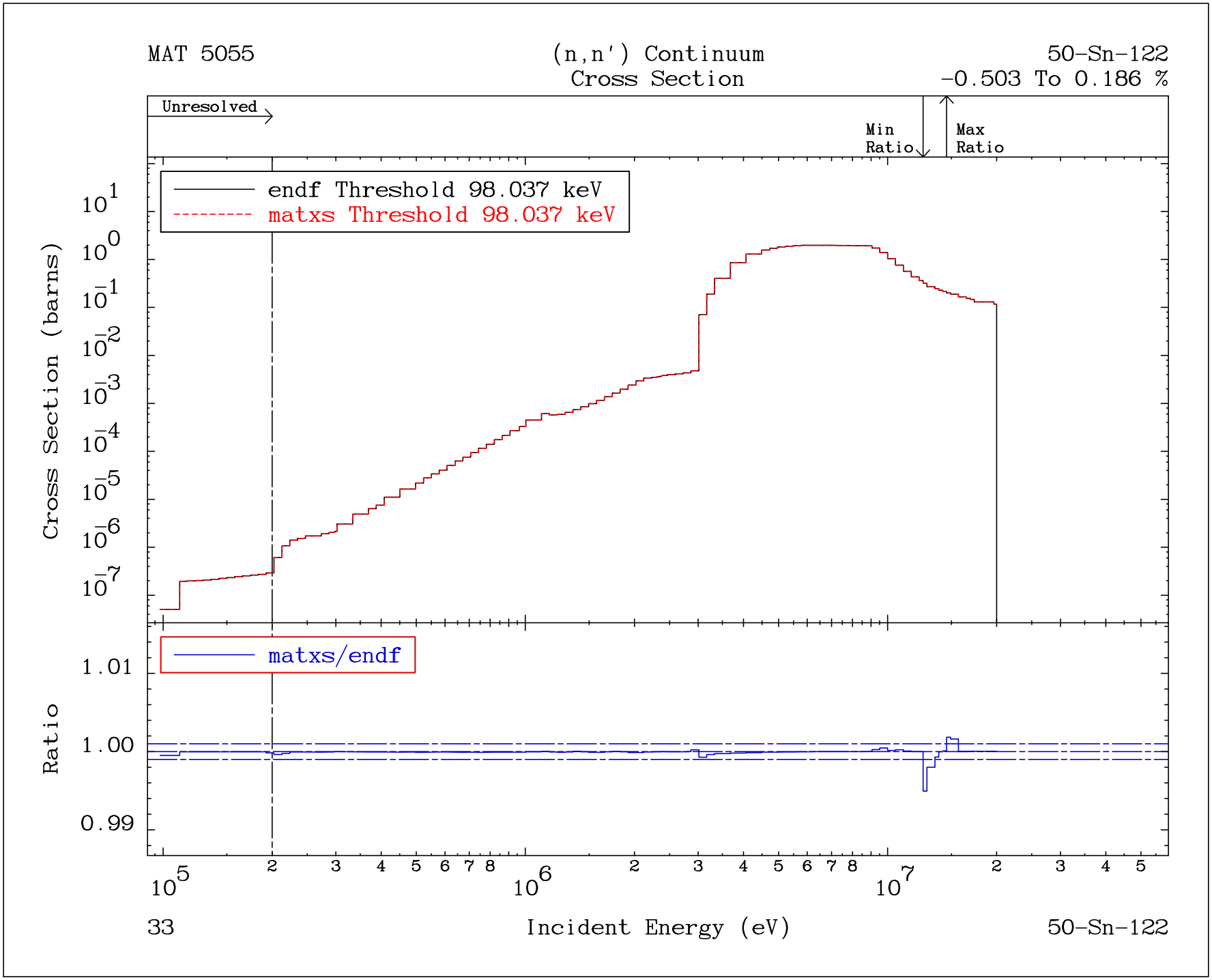

MAT 5055
2.880 MeV (n,n') Level
Cross Section
50-Sn-122
-0.156 To 0.098 %
Min Ratio
Max Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
28
50-Sn-122

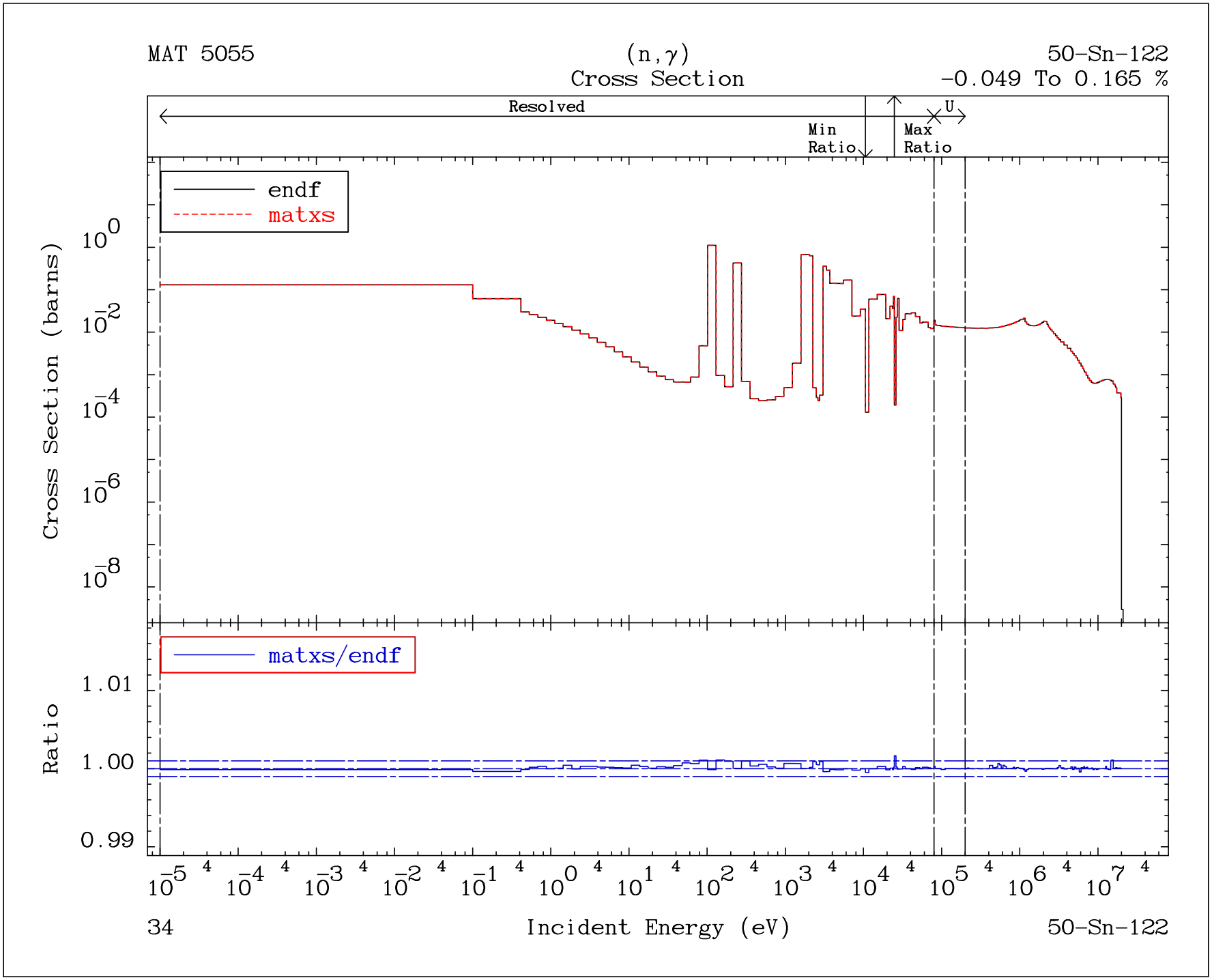

MAT 5055
2.945 MeV (n,n') Level
Cross Section
50-Sn-122
-0.156 To 0.098 %
Min Ratio
Max Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
29
50-Sn-122

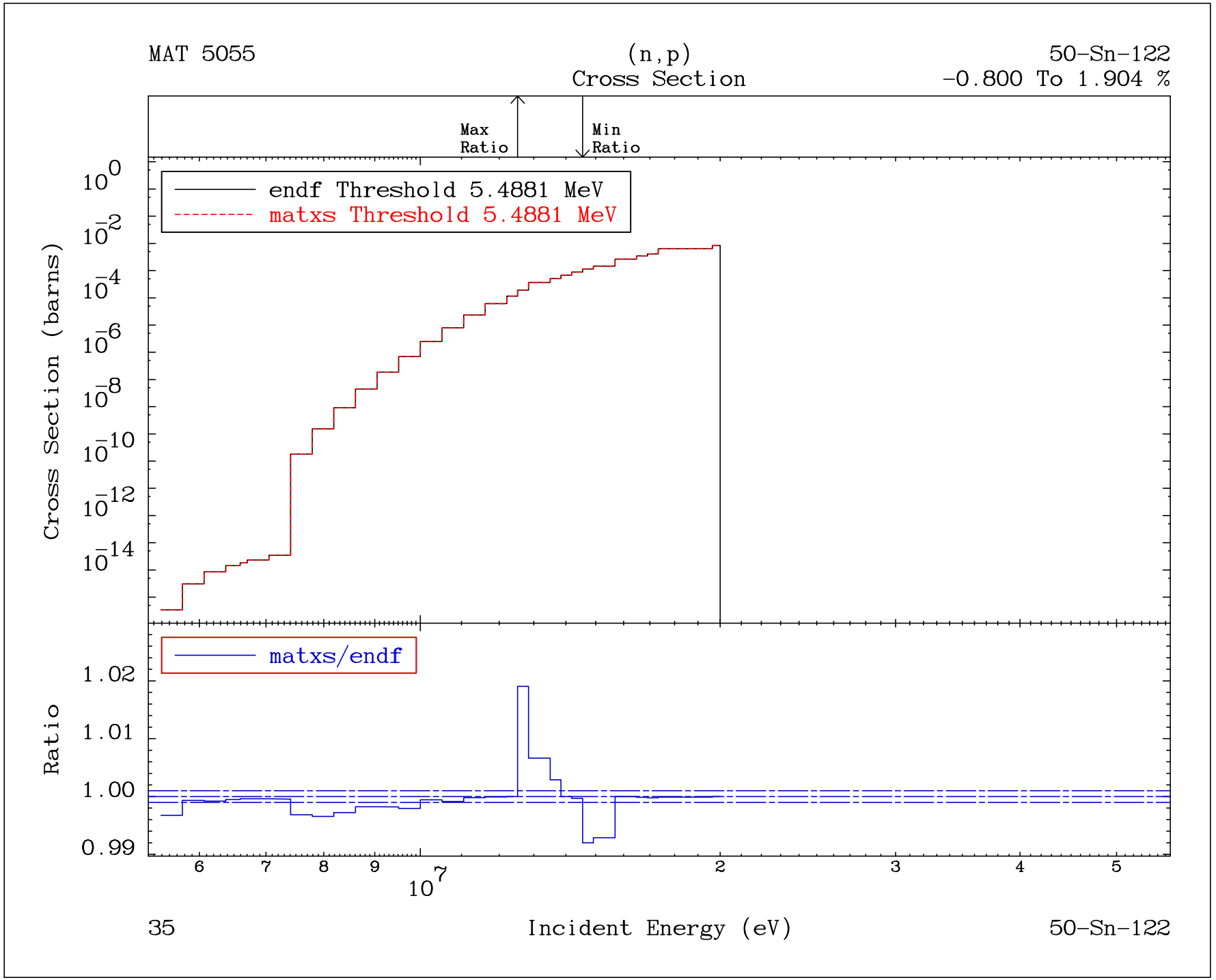

MAT 5055
2.959 MeV (n,n') Level
Cross Section
50-Sn-122
-0.162 To 0.144 %
Max Ratio
Min Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
30
50-Sn-122

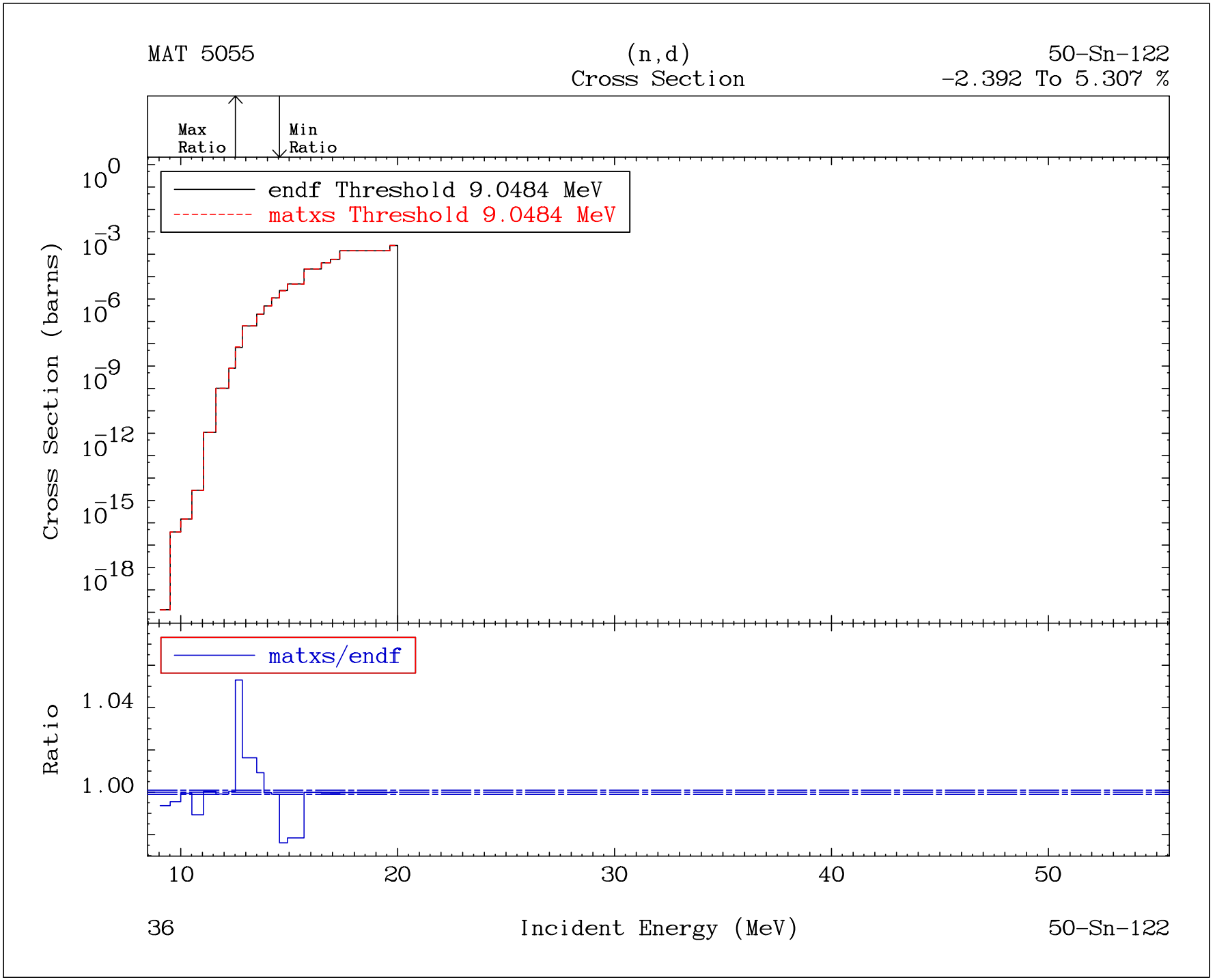

MAT 5055
2.971 MeV (n,n') Level
Cross Section
50-Sn-122
-0.161 To 0.275 %
Max Ratio
Min Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
31
50-Sn-122

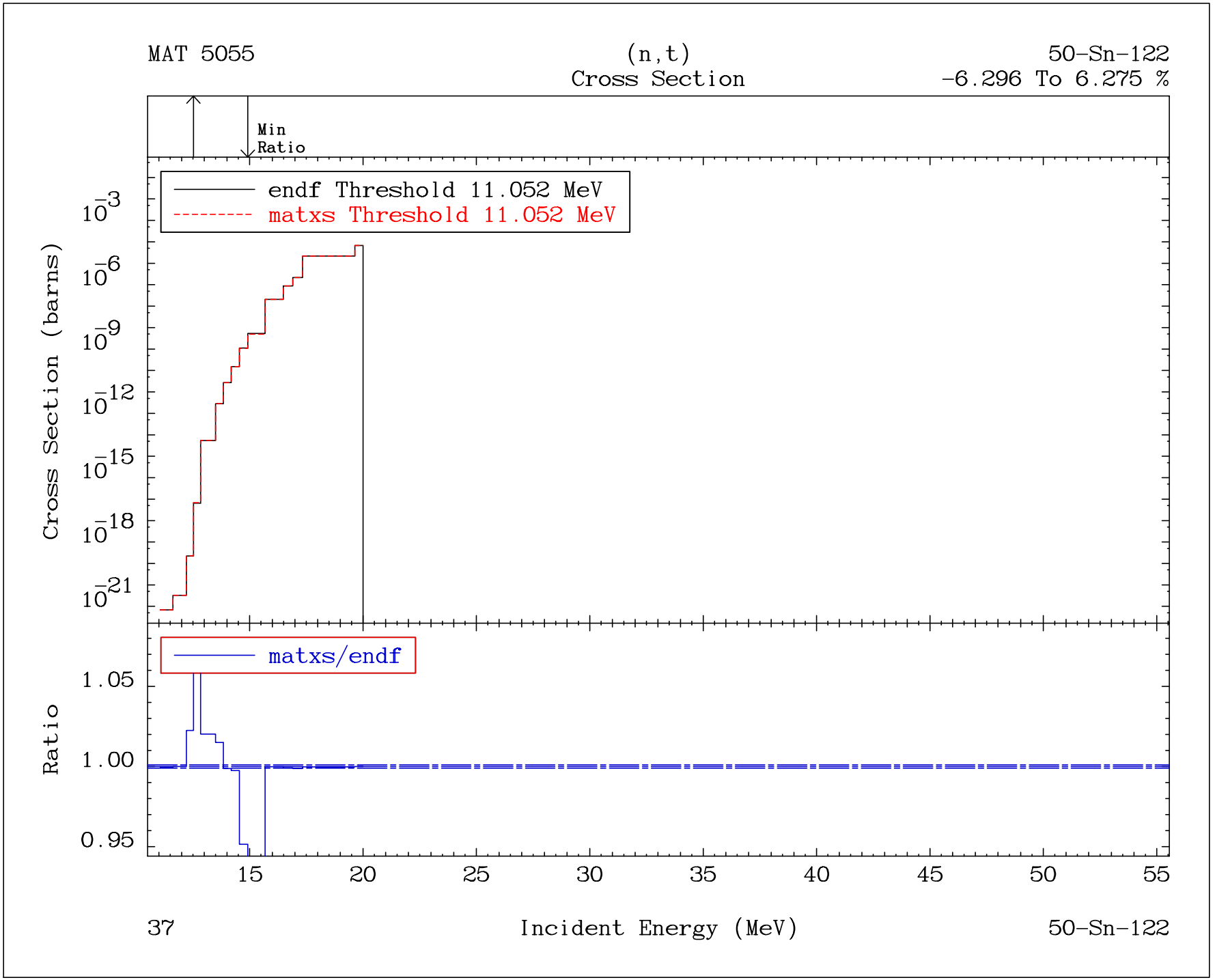

MAT 5055
2.973 MeV (n,n') Level
Cross Section
50-Sn-122
-0.246 To 0.308 %
Max Ratio
Min Ratio
endf Threshold 2.8650 MeV
matxs Threshold 2.8650 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
32
50-Sn-122

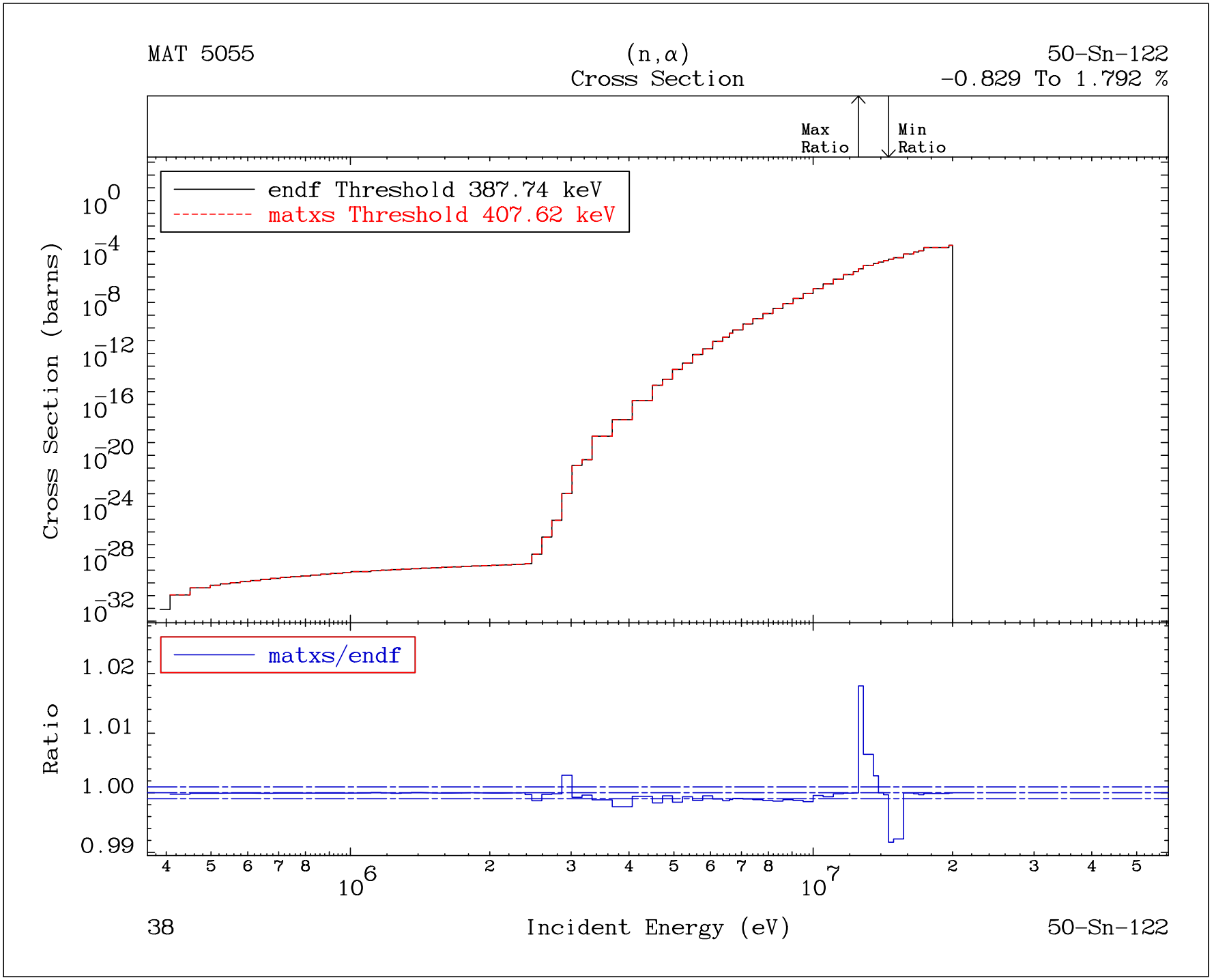

MAT 5055
(n,n') Continuum
Cross Section
50-Sn-122
-0.503 To 0.186 %
Unresolved
Min Ratio
Max Ratio
endf Threshold 98.037 keV
matxs Threshold 98.037 keV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
33
50-Sn-122


MAT 5055
(n,γ)
Cross Section
50-Sn-122
-0.049 To 0.165 %
Resolved
U
Min Ratio
Max Ratio
endf
matxs
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
34
50-Sn-122


MAT 5055
(n,p)
Cross Section
50-Sn-122
-0.800 To 1.904 %
Max Ratio
Min Ratio
endf Threshold 5.4881 MeV
matxs Threshold 5.4881 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
35
50-Sn-122


MAT 5055
(n,d)
Cross Section
50-Sn-122
-2.392 To 5.307 %
Max Ratio
Min Ratio
endf Threshold 9.0484 MeV
matxs Threshold 9.0484 MeV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (MeV)
36
50-Sn-122


MAT 5055
(n,t)
Cross Section
50-Sn-122
-6.296 To 6.275 %
Min
Ratio
endf Threshold 11.052 MeV
matxs Threshold 11.052 MeV
Cross Section (barns)
10-3
10-6
10-9
10-12
10-15
10-18
10-21
matxs/endf
Ratio
1.05
1.00
0.95
15
20
25
30
35
40
45
50
55
37
Incident Energy (MeV)
50-Sn-122


MAT 5055
(n,α)
Cross Section
50-Sn-122
-0.829 To 1.792 %
Max Ratio
Min Ratio
endf Threshold 387.74 keV
matxs Threshold 407.62 keV
Cross Section (barns)
matxs/endf
Ratio
Incident Energy (eV)
38
50-Sn-122