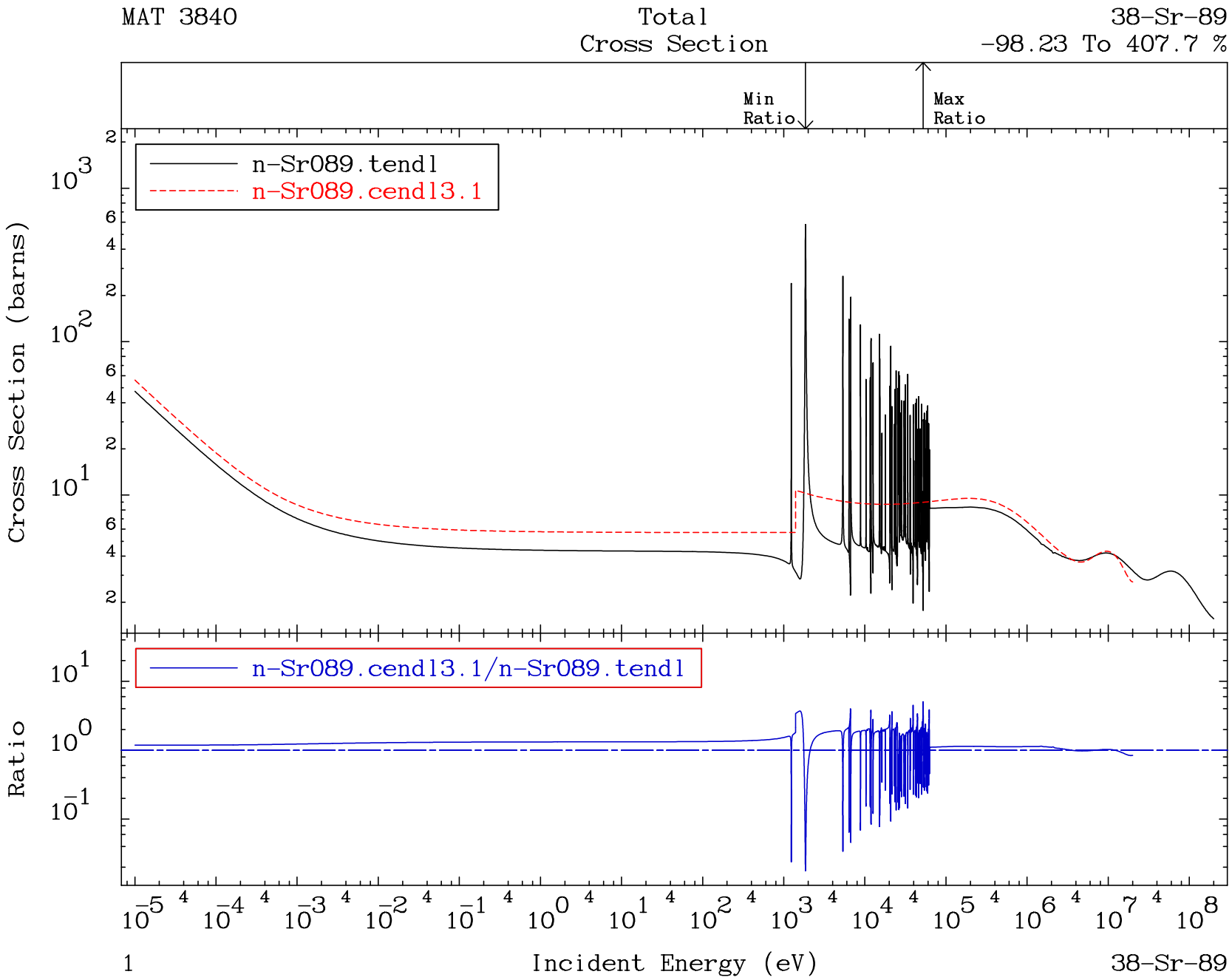
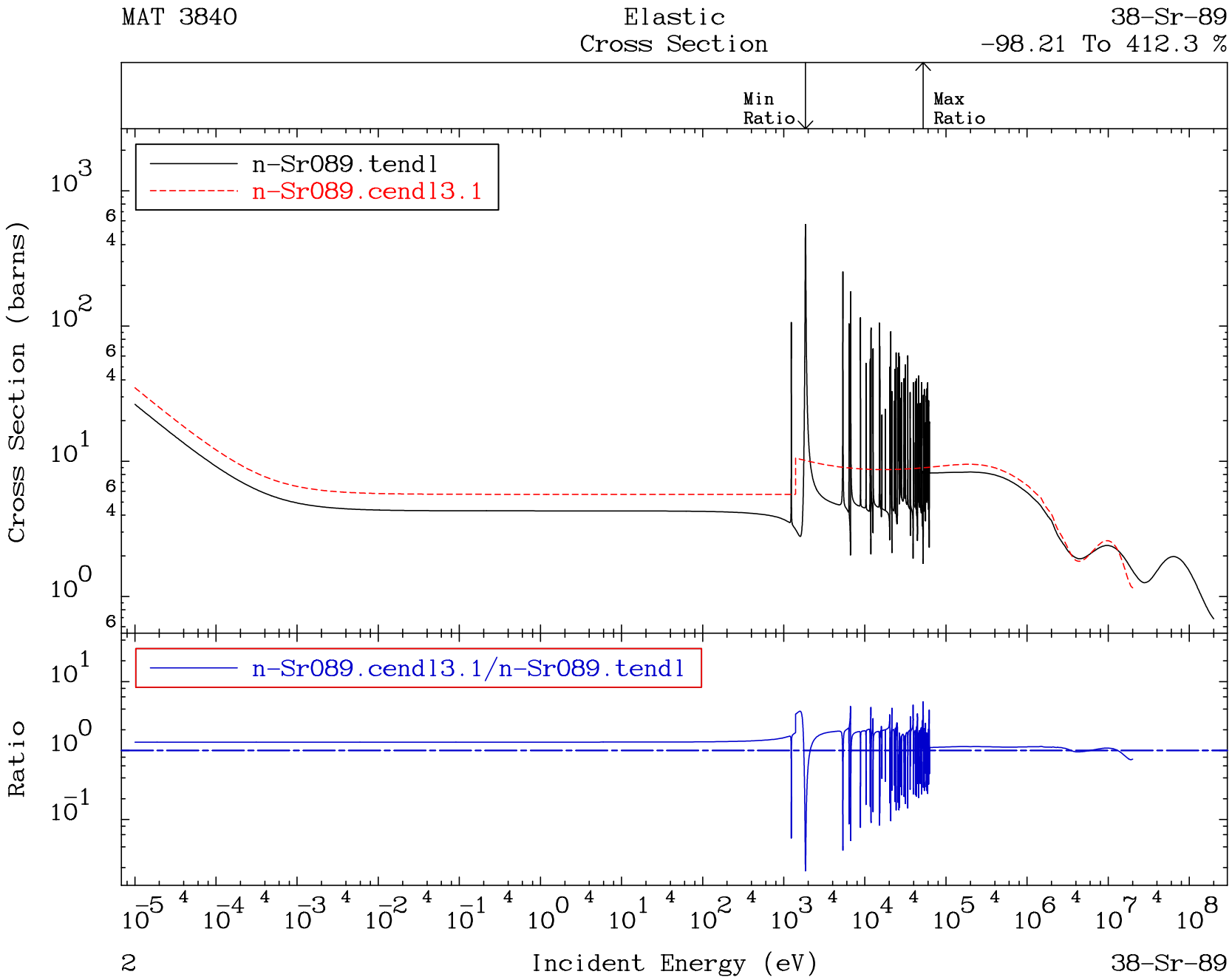
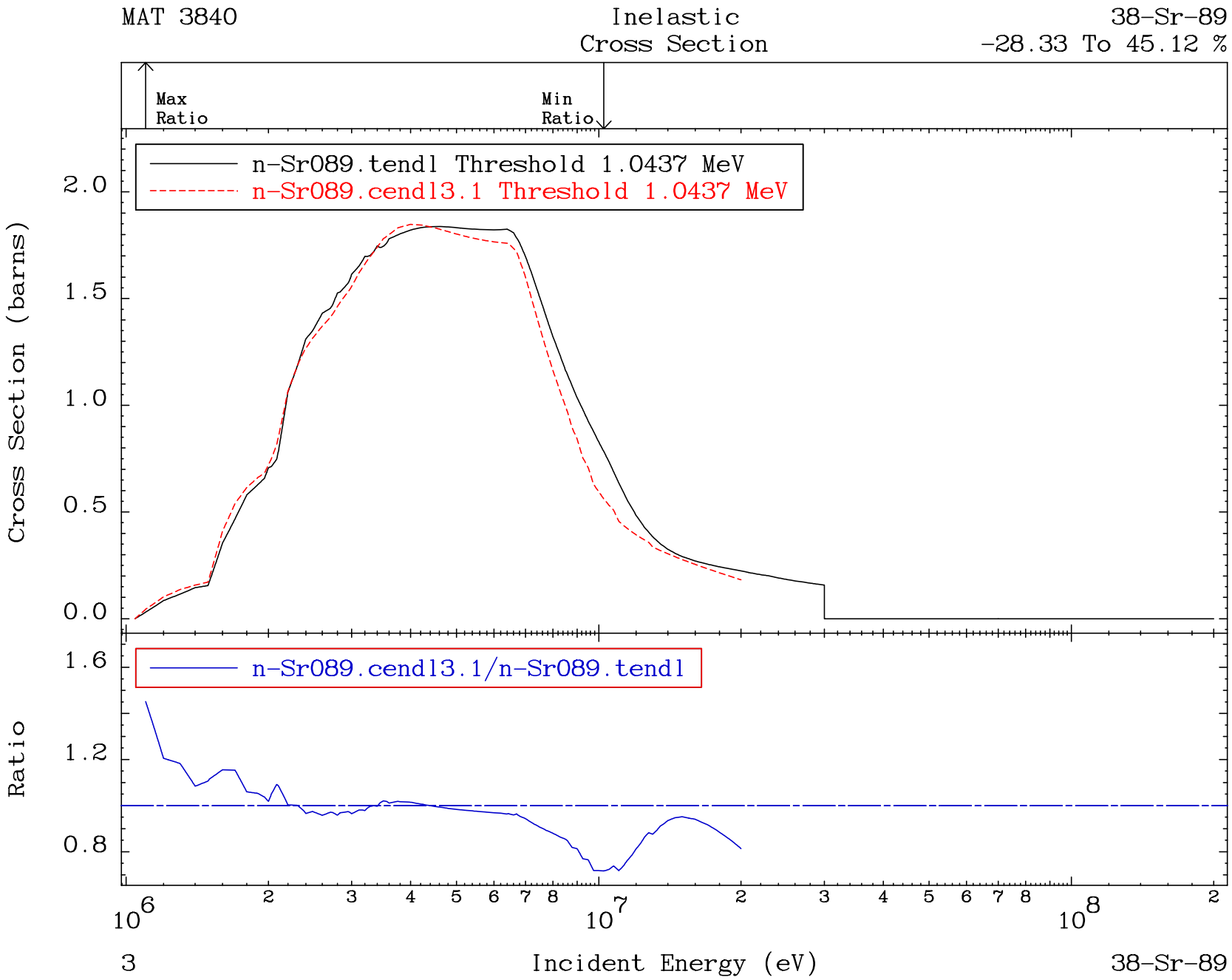
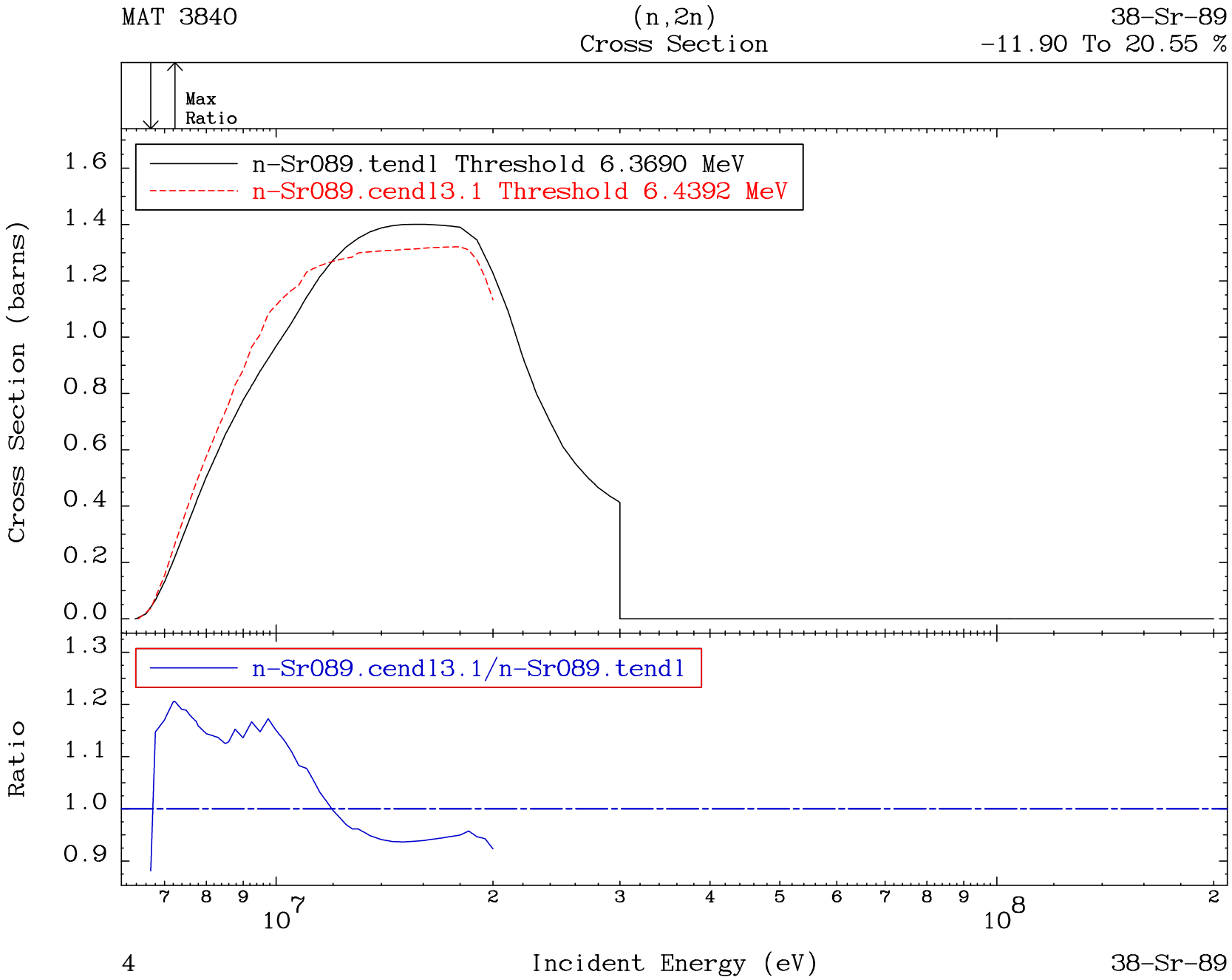
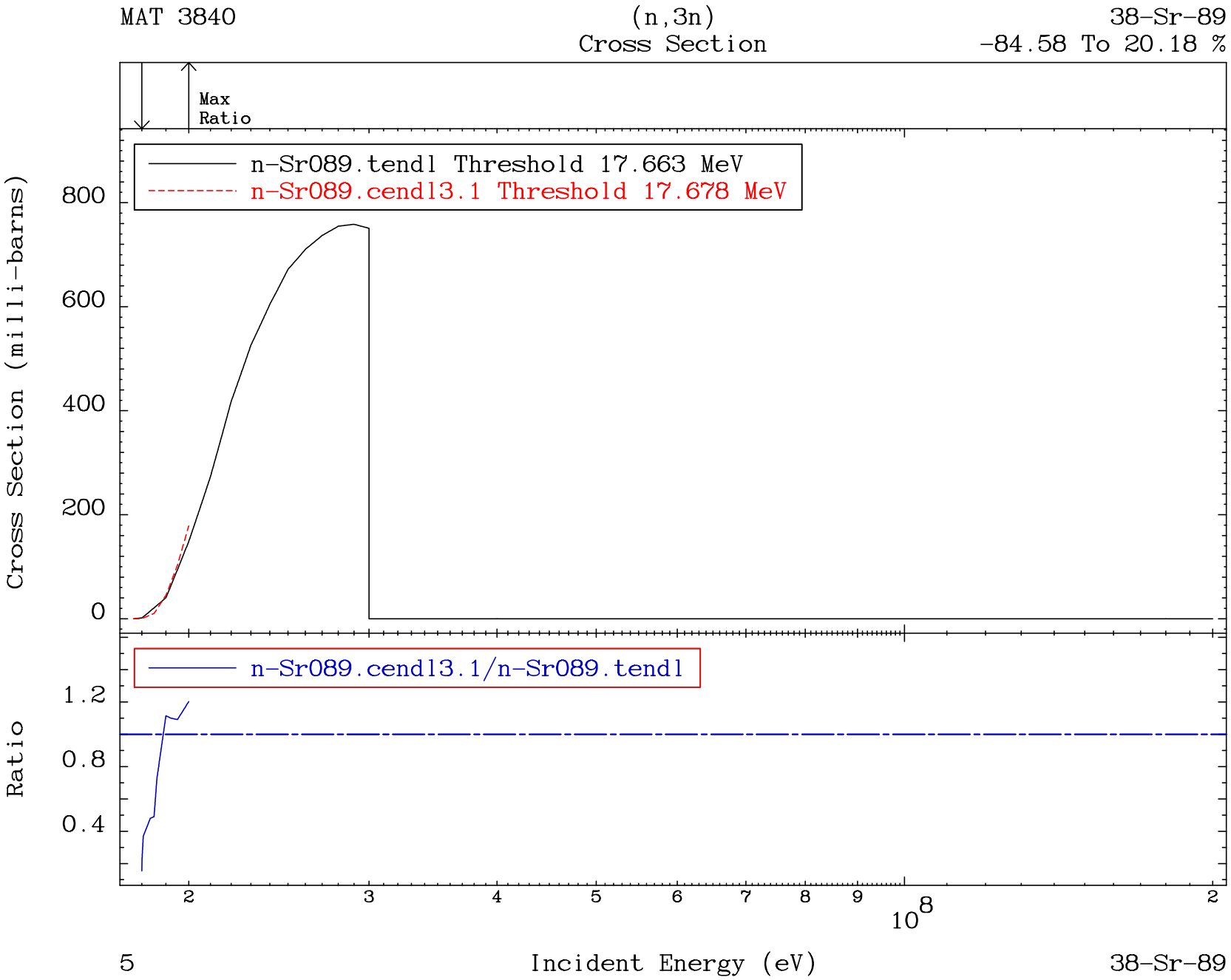
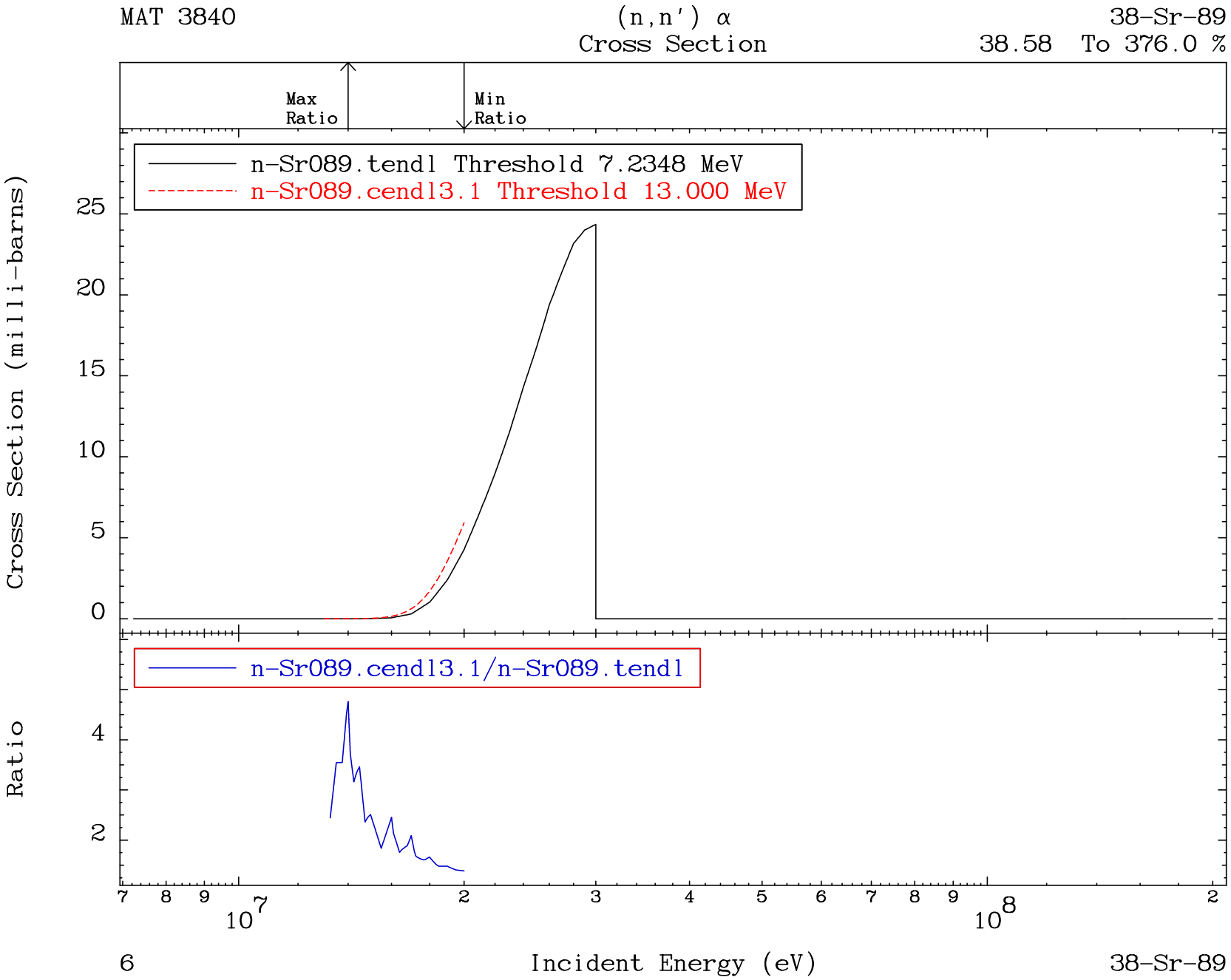

MAT 3840
Total
Cross Section
38-Sr-89
-98.23 To 407.7 %
Min
Ratio
Max
Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
1
38-Sr-89

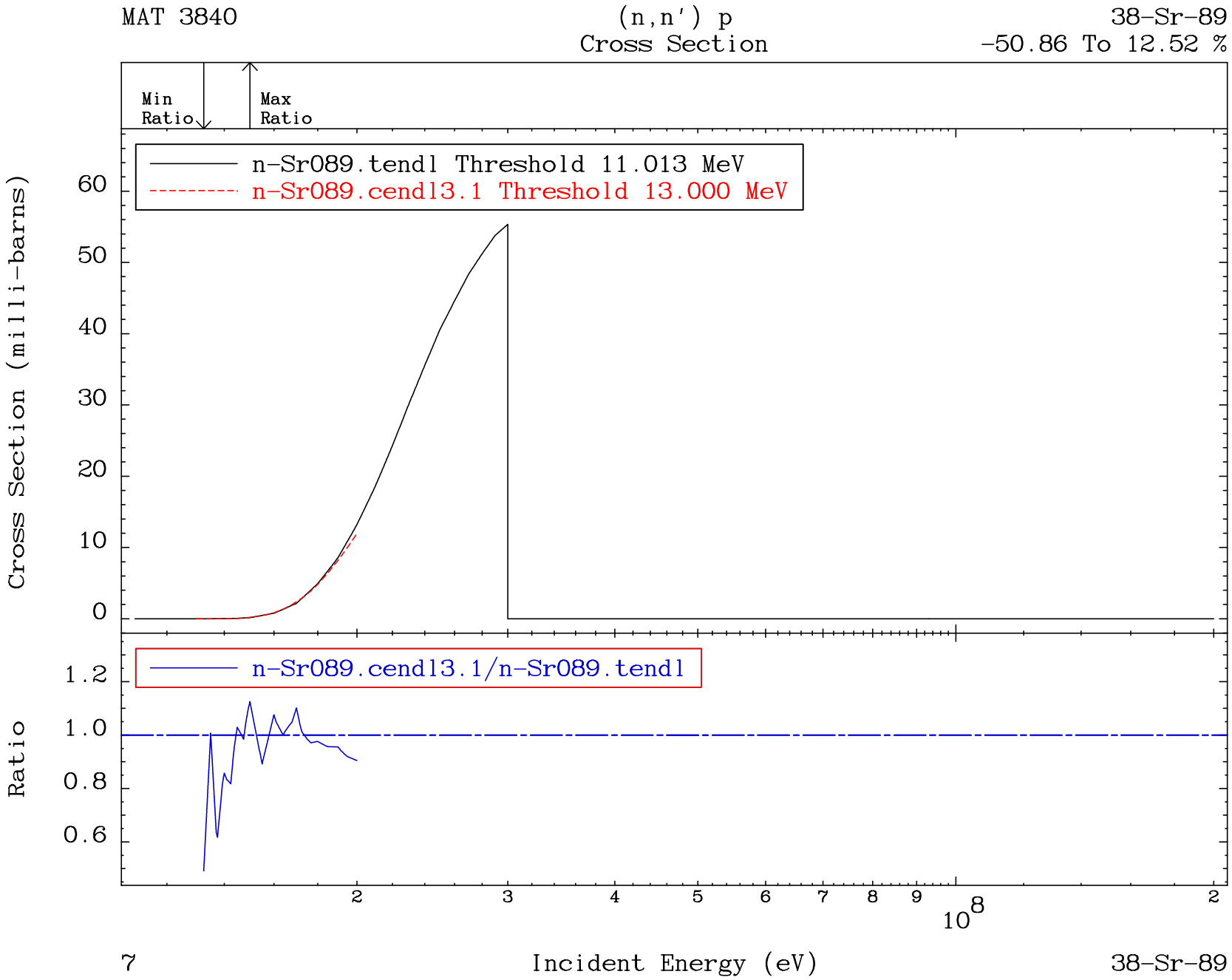

MAT 3840
Elastic
Cross Section
38-Sr-89
-98.21 To 412.3 %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
2
38-Sr-89

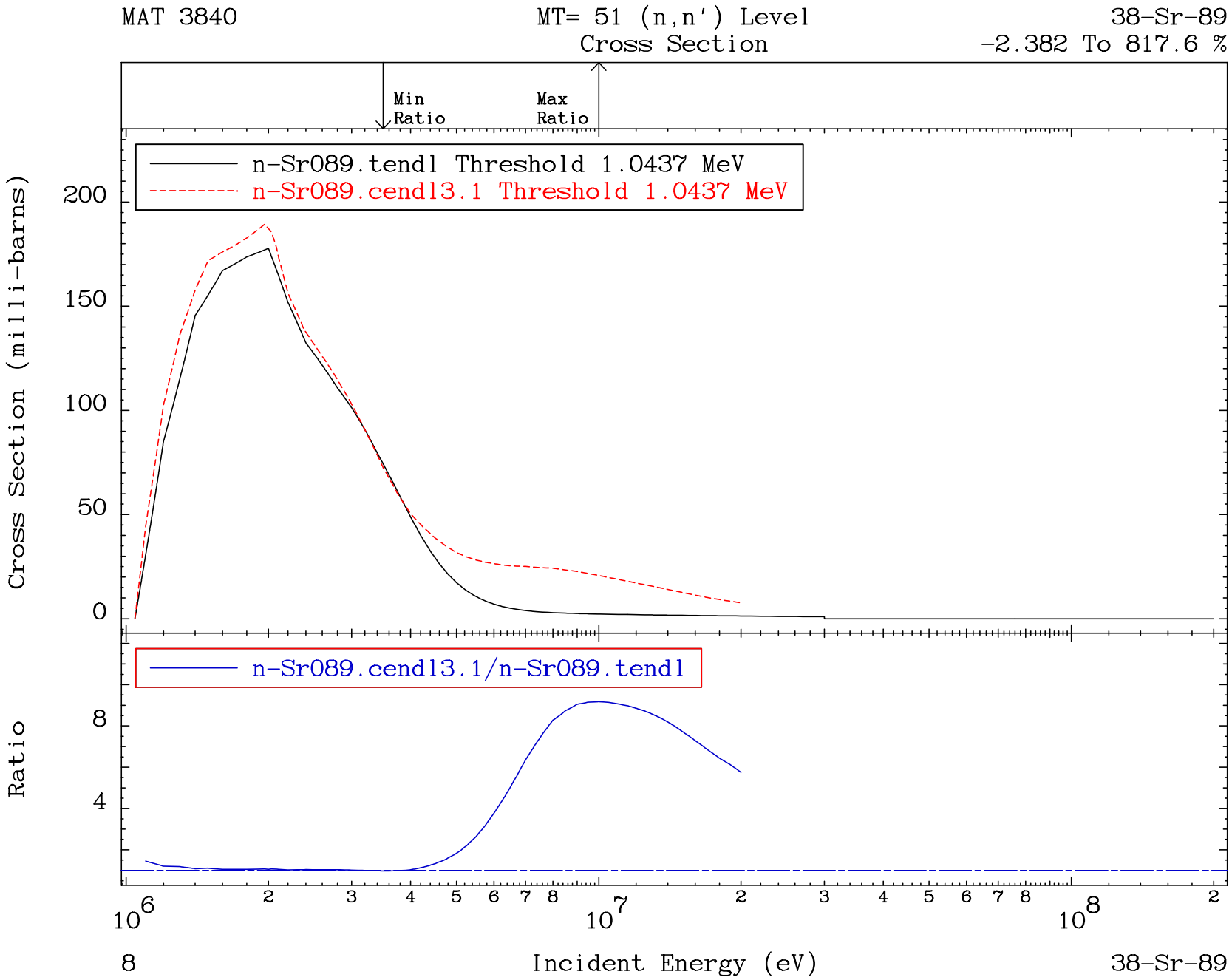

MAT 3840
Inelastic
Cross Section
38-Sr-89
-28.33 To 45.12 %
Max
Ratio
Min
Ratio
n-Sr089.tendl Threshold 1.0437 MeV
n-Sr089.cendl3.1 Threshold 1.0437 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.6
1.2
0.8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
38-Sr-89

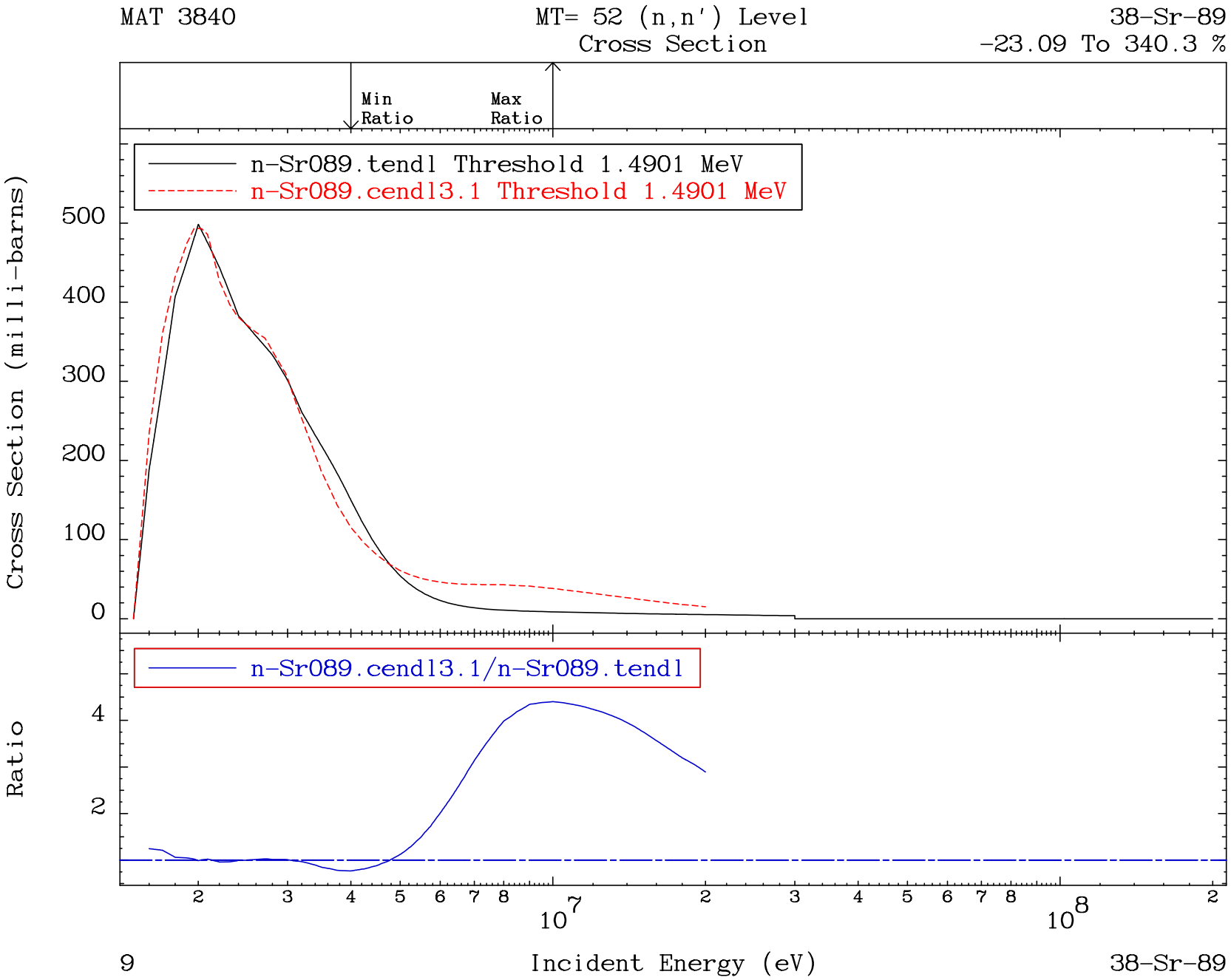

MAT 3840
(n,2n)
Cross Section
38-Sr-89
-11.90 To 20.55 %
Max
Ratio
n-Sr089.tendl Threshold 6.3690 MeV
n-Sr089.cendl3.1 Threshold 6.4392 MeV
Cross Section (barns)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.3
1.2
1.1
1.0
0.9
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
4
Incident Energy (eV)
38-Sr-89

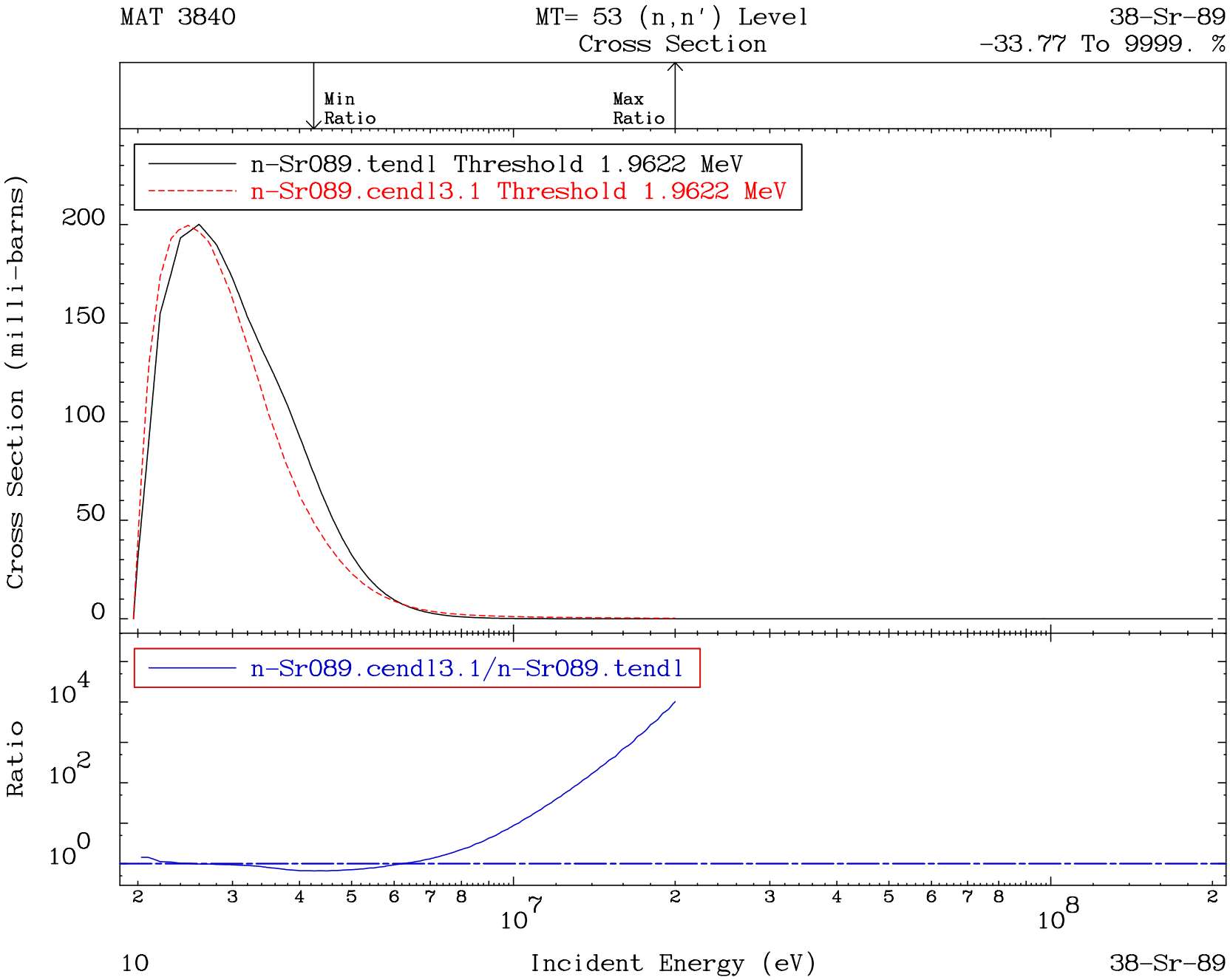

MAT 3840
(n,3n)
Cross Section
38-Sr-89
-84.58 To 20.18 %
Max
Ratio
n-Sr089.tendl Threshold 17.663 MeV
n-Sr089.cendl3.1 Threshold 17.678 MeV
Cross Section (milli-barns)
800
600
400
200
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.2
0.8
0.4
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
38-Sr-89

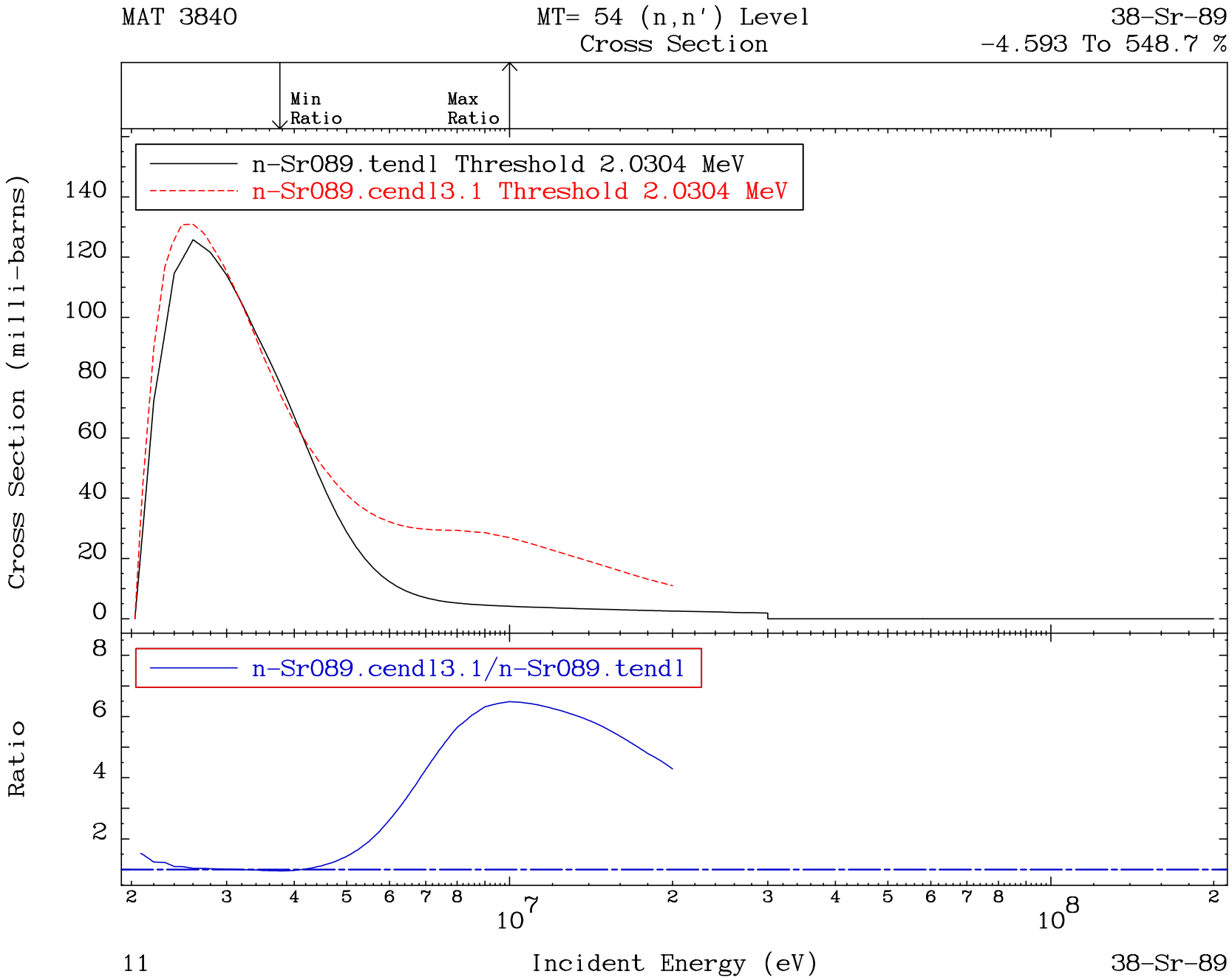

MAT 3840
(n,n') α
Cross Section
38-Sr-89
38.58 To 376.0 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 7.2348 MeV
n-Sr089.cendl3.1 Threshold 13.000 MeV
Cross Section (milli-barns)
0
5
10
15
20
25
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
2
4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
6
38-Sr-89

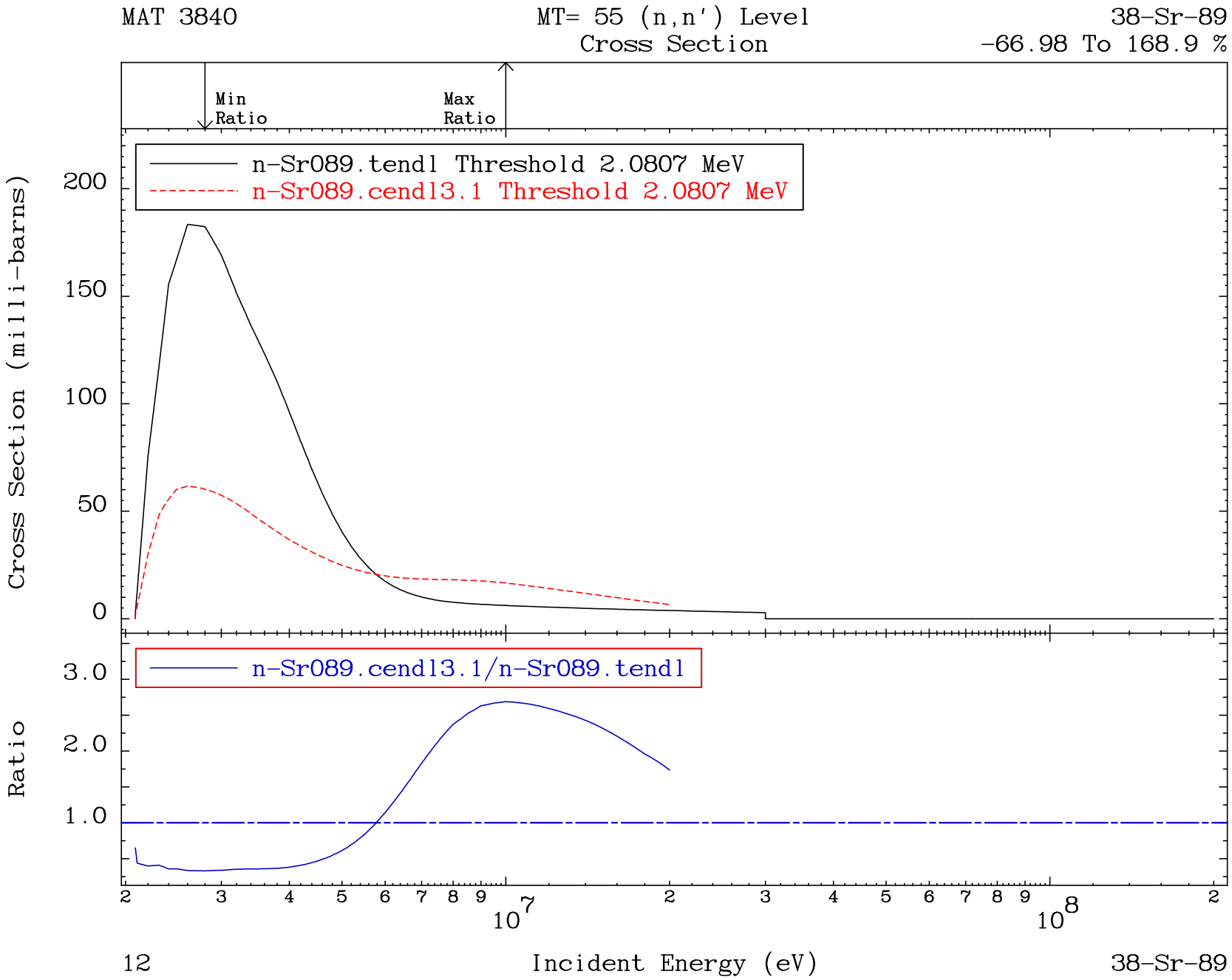

MAT 3840
(n,n') p
Cross Section
38-Sr-89
-50.86 To 12.52 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 11.013 MeV
n-Sr089.cendl3.1 Threshold 13.000 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.2
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
38-Sr-89

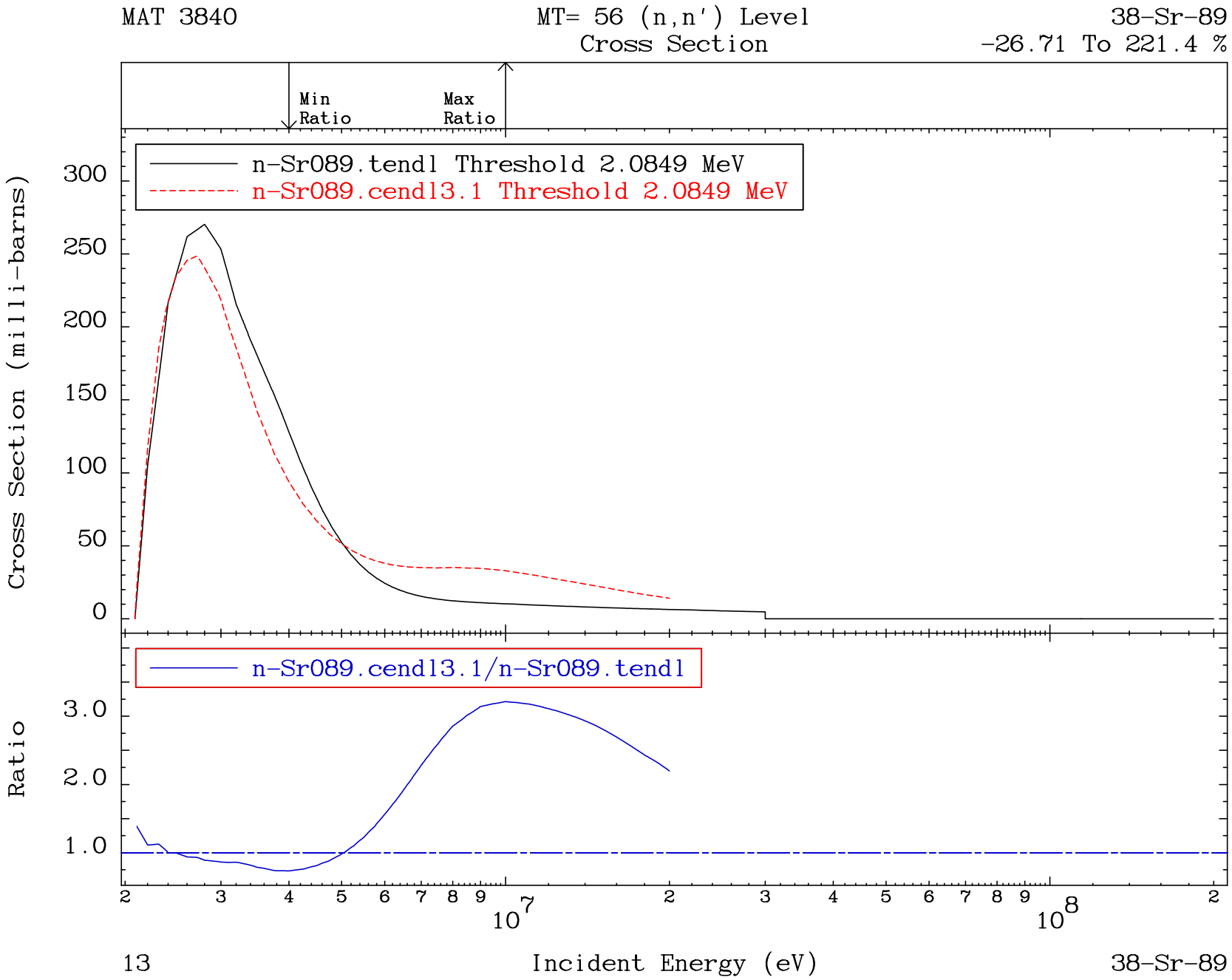

MAT 3840
MT= 51 (n,n') Level
Cross Section
38-Sr-89
-2.382 To 817.6 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 1.0437 MeV
n-Sr089.cendl3.1 Threshold 1.0437 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
8
4
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
8
Incident Energy (eV)
38-Sr-89

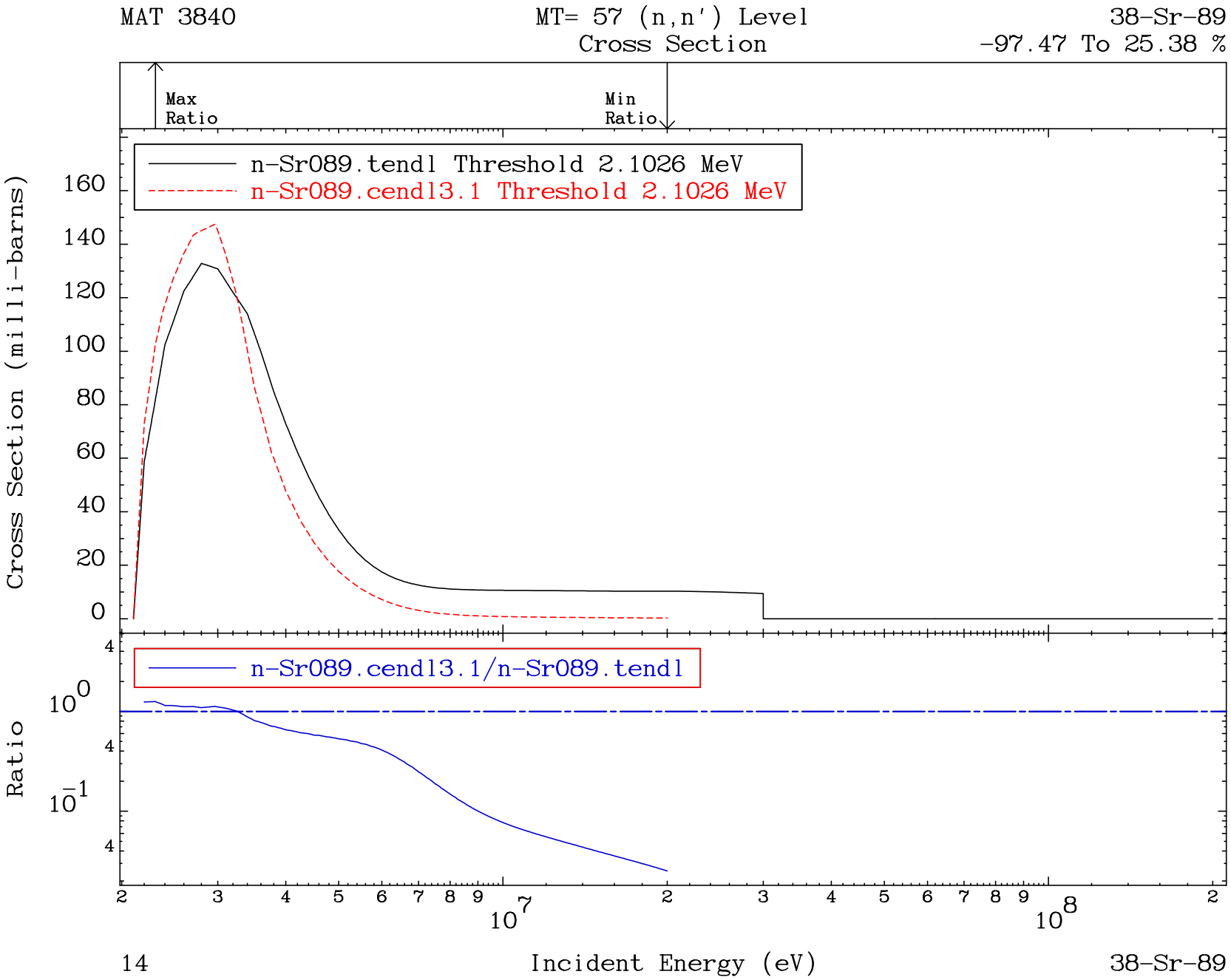

MAT 3840
MT= 52 (n,n') Level
Cross Section
38-Sr-89
-23.09 To 340.3 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 1.4901 MeV
n-Sr089.cendl3.1 Threshold 1.4901 MeV
Cross Section (milli-barns)
500
400
300
200
100
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
4
2
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
9
Incident Energy (eV)
38-Sr-89

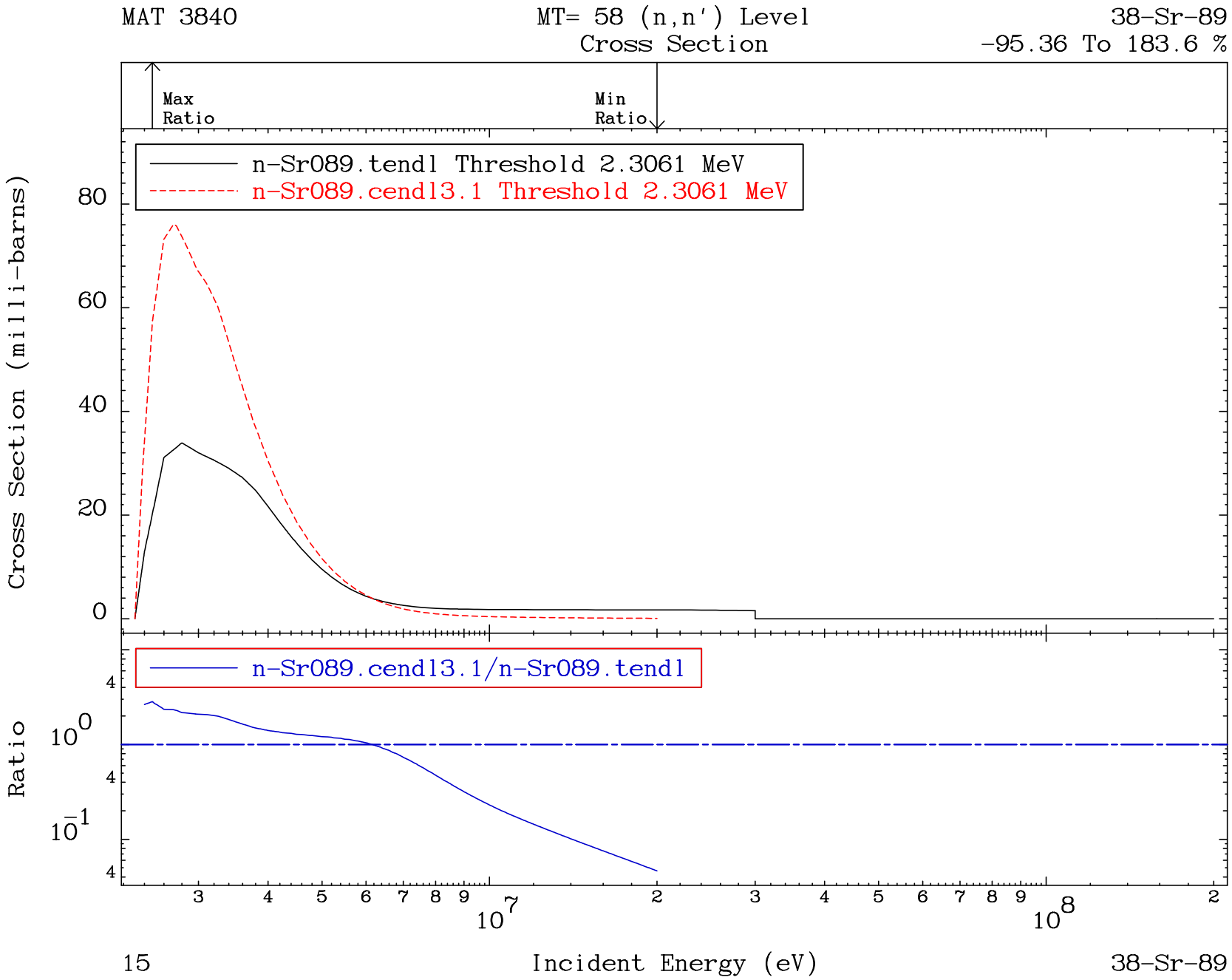

MAT 3840
MT= 53 (n,n') Level
Cross Section
38-Sr-89
-33.77 To 9999. %
Min
Ratio
Max
Ratio
n-Sr089.tendl Threshold 1.9622 MeV
n-Sr089.cendl3.1 Threshold 1.9622 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^4
10^2
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
10
Incident Energy (eV)
38-Sr-89

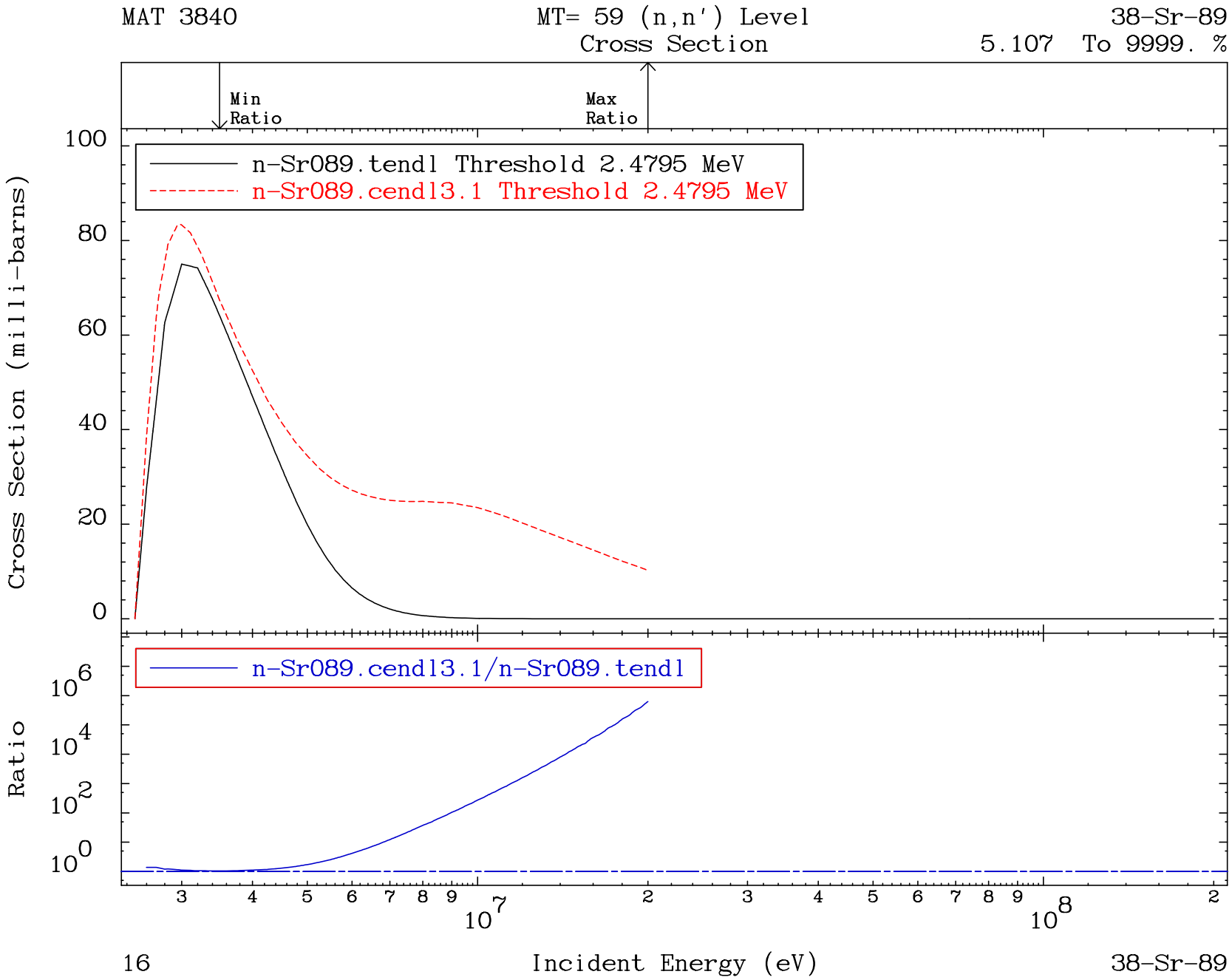

MAT 3840
MT= 54 (n,n') Level
Cross Section
38-Sr-89
-4.593 To 548.7 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.0304 MeV
n-Sr089.cendl3.1 Threshold 2.0304 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
8
6
4
2
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
11
Incident Energy (eV)
38-Sr-89

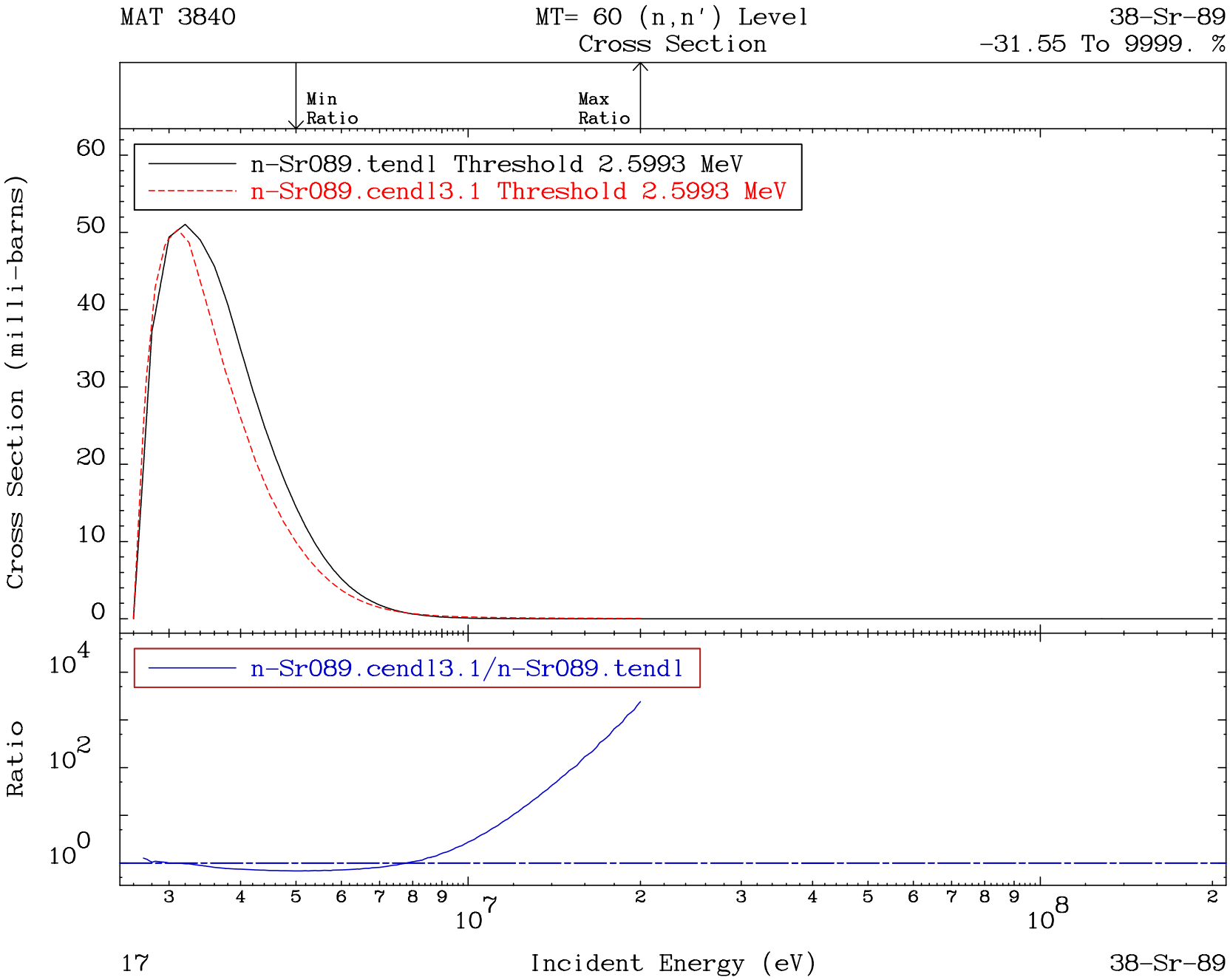

MAT 3840
MT= 55 (n,n') Level
Cross Section
38-Sr-89
-66.98 To 168.9 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.0807 MeV
n-Sr089.cendl3.1 Threshold 2.0807 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
3.0
2.0
1.0
2 3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
12
Incident Energy (eV)
38-Sr-89

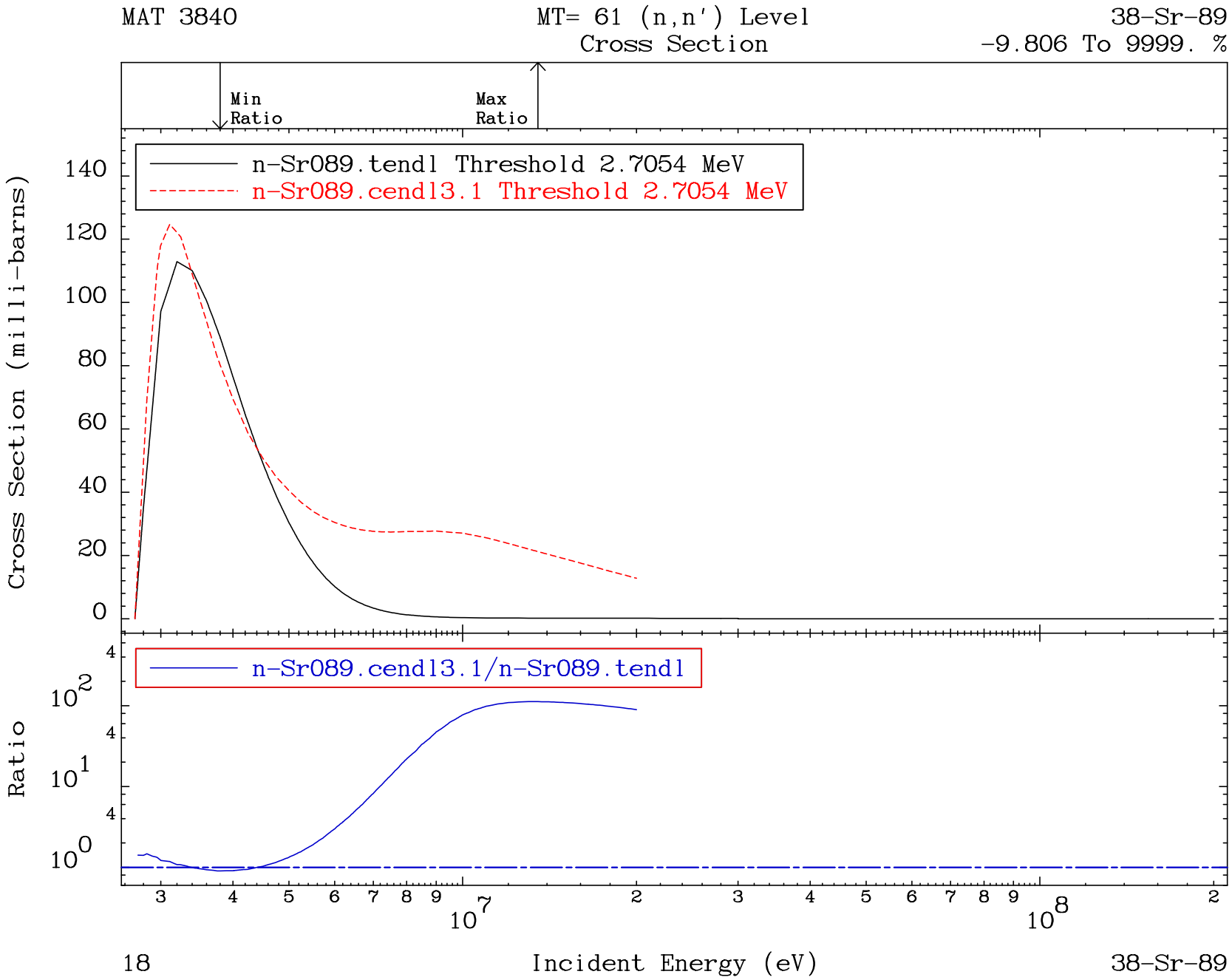

MAT 3840
MT= 56 (n,n') Level
Cross Section
38-Sr-89
-26.71 To 221.4 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.0849 MeV
n-Sr089.cendl3.1 Threshold 2.0849 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
3.0
2.0
1.0
2 3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
13
Incident Energy (eV)
38-Sr-89

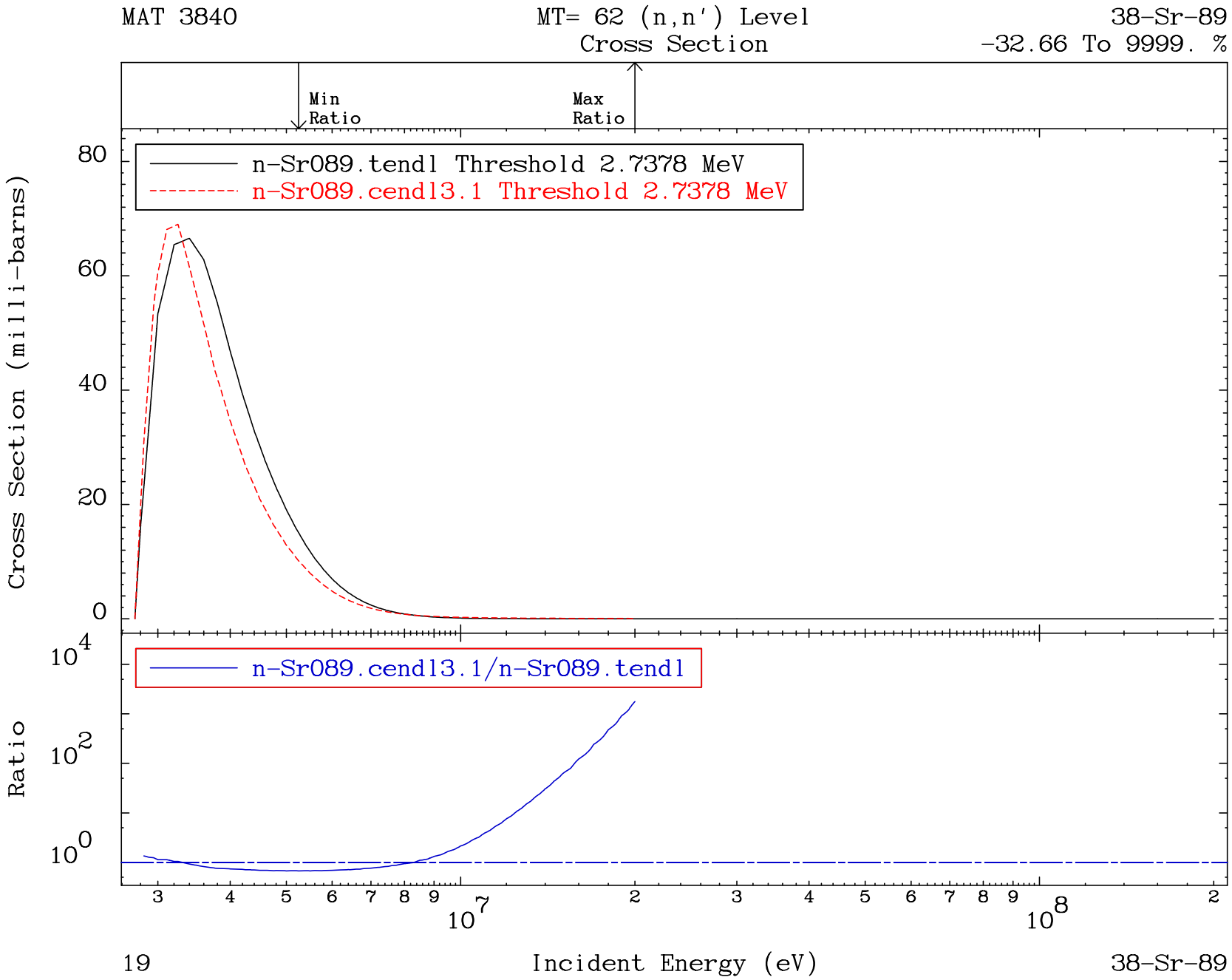

MAT 3840
MT= 57 (n,n') Level
Cross Section
38-Sr-89
-97.47 To 25.38 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 2.1026 MeV
n-Sr089.cendl3.1 Threshold 2.1026 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
4
10^0
4
10^{-1}
4
2 3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
14
Incident Energy (eV)
38-Sr-89

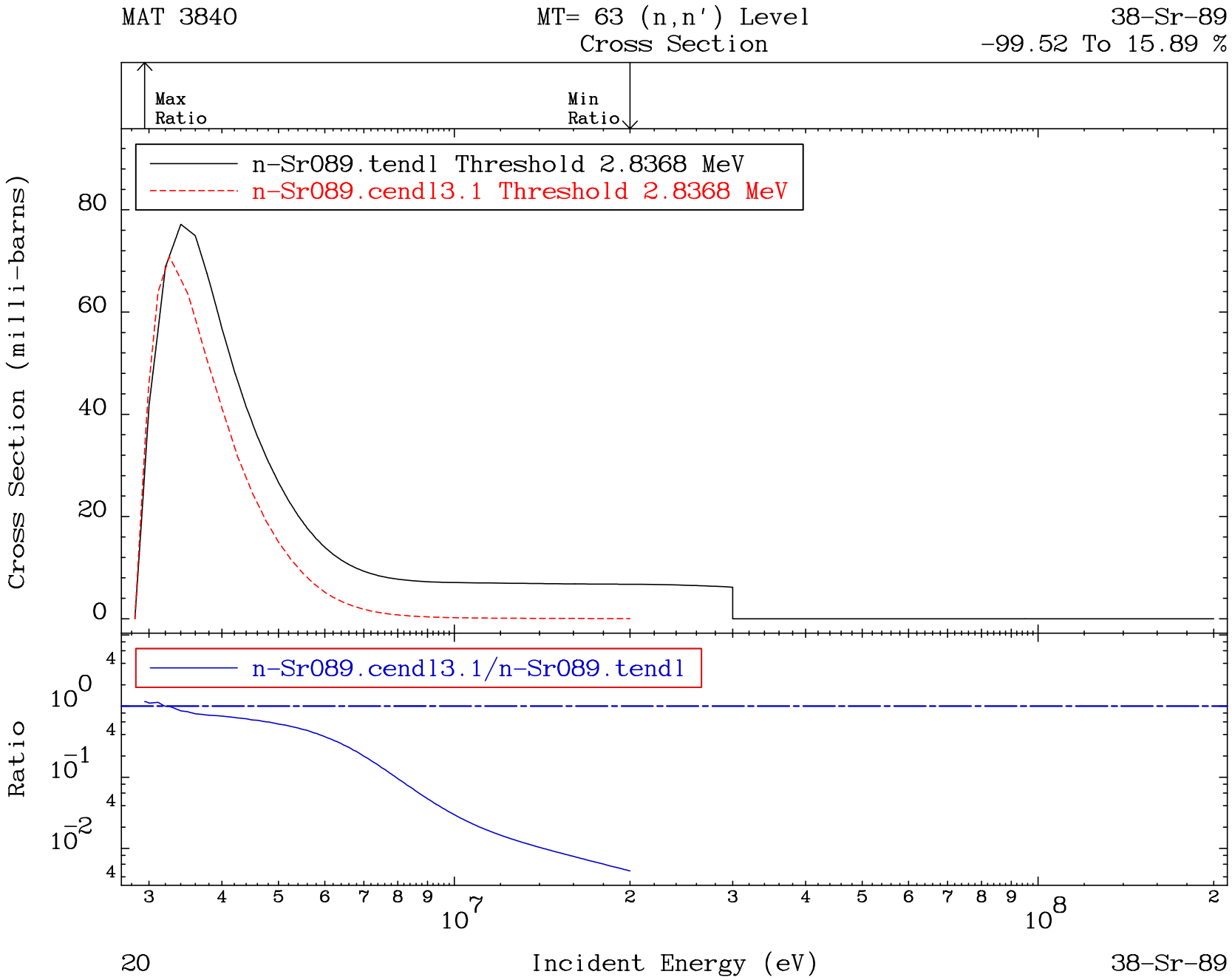

MAT 3840
MT= 58 (n,n') Level
Cross Section
38-Sr-89
-95.36 To 183.6 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 2.3061 MeV
n-Sr089.cendl3.1 Threshold 2.3061 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^0
10^-1
4
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
15
Incident Energy (eV)
38-Sr-89

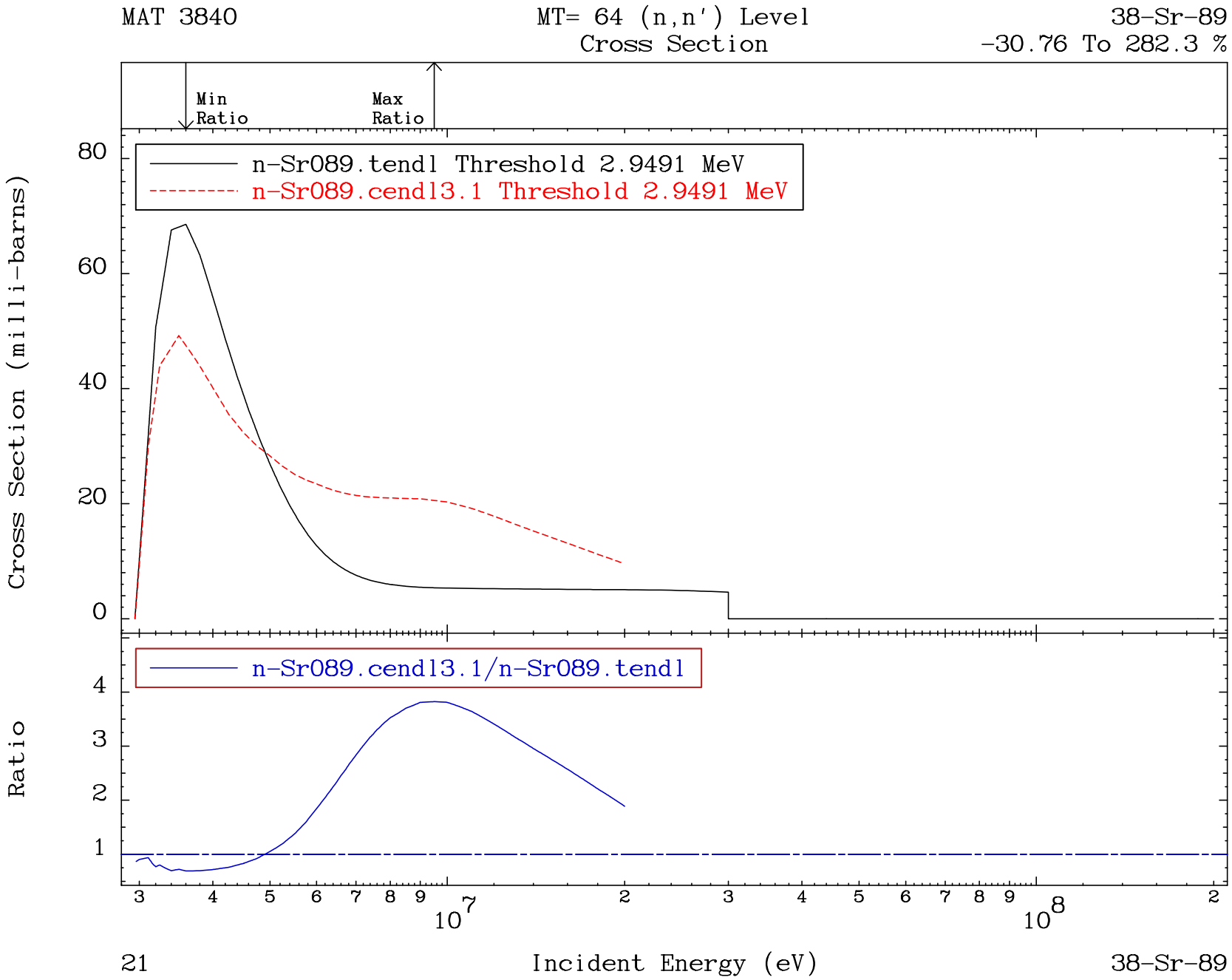

MAT 3840
MT= 59 (n,n') Level
Cross Section
38-Sr-89
5.107 To 9999. %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.4795 MeV
n-Sr089.cendl3.1 Threshold 2.4795 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
16
Incident Energy (eV)
38-Sr-89

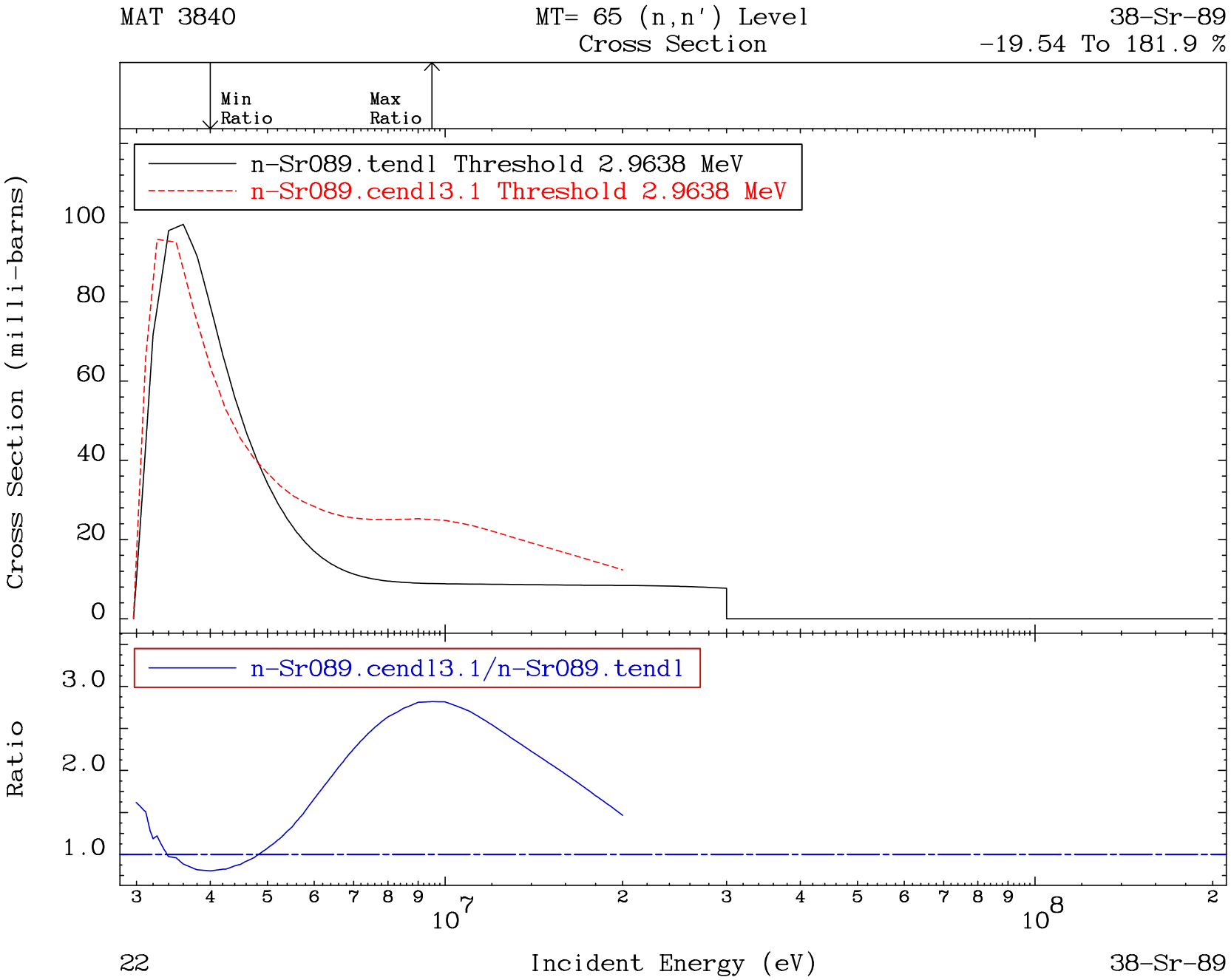

MAT 3840
MT= 60 (n,n') Level
Cross Section
38-Sr-89
-31.55 To 9999. %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.5993 MeV
n-Sr089.cendl3.1 Threshold 2.5993 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^4
10^2
10^0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
17
Incident Energy (eV)
38-Sr-89

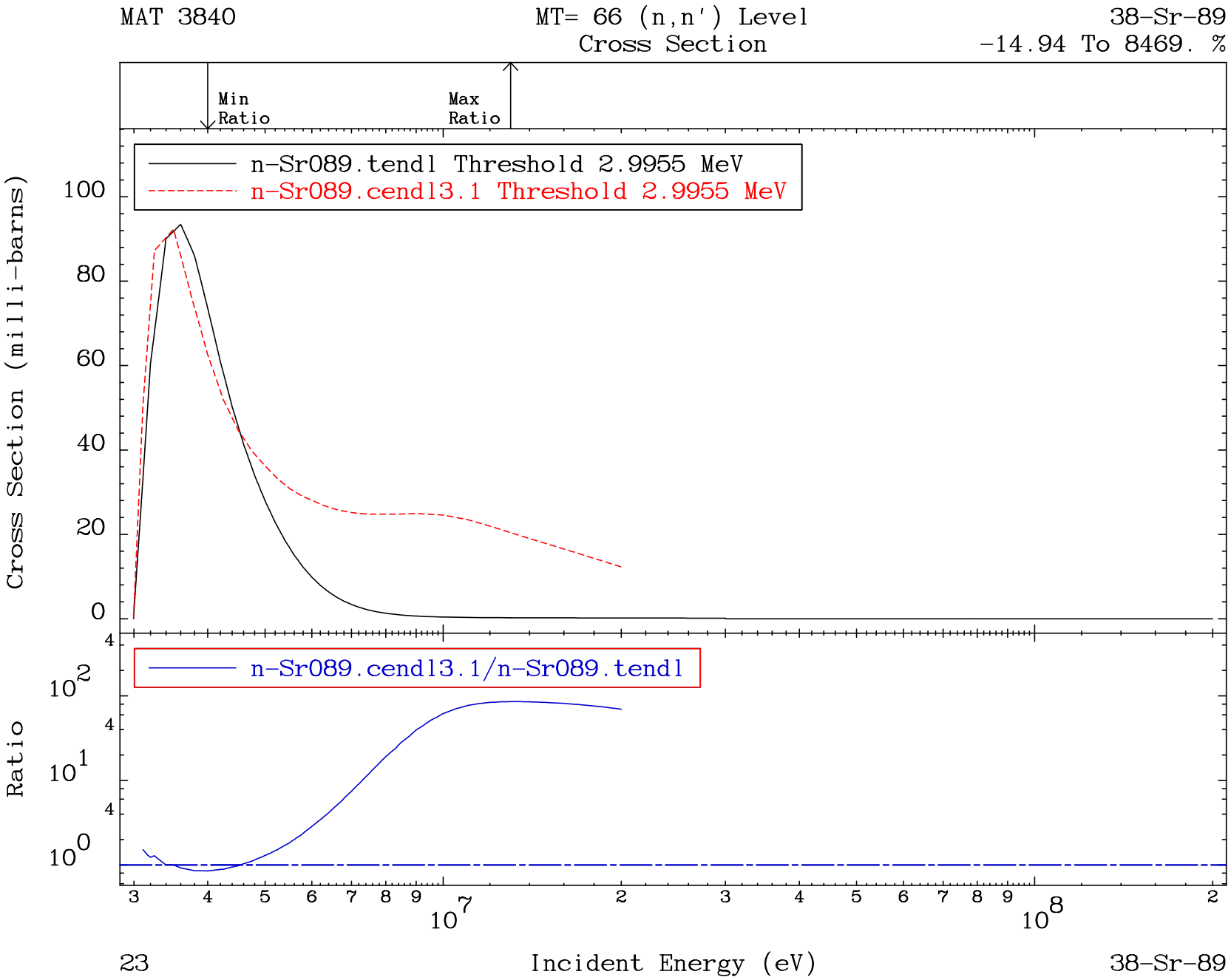

MAT 3840
MT= 61 (n,n') Level
Cross Section
38-Sr-89
-9.806 To 9999. %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.7054 MeV
n-Sr089.cendl3.1 Threshold 2.7054 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^2
10^1
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
18
Incident Energy (eV)
38-Sr-89

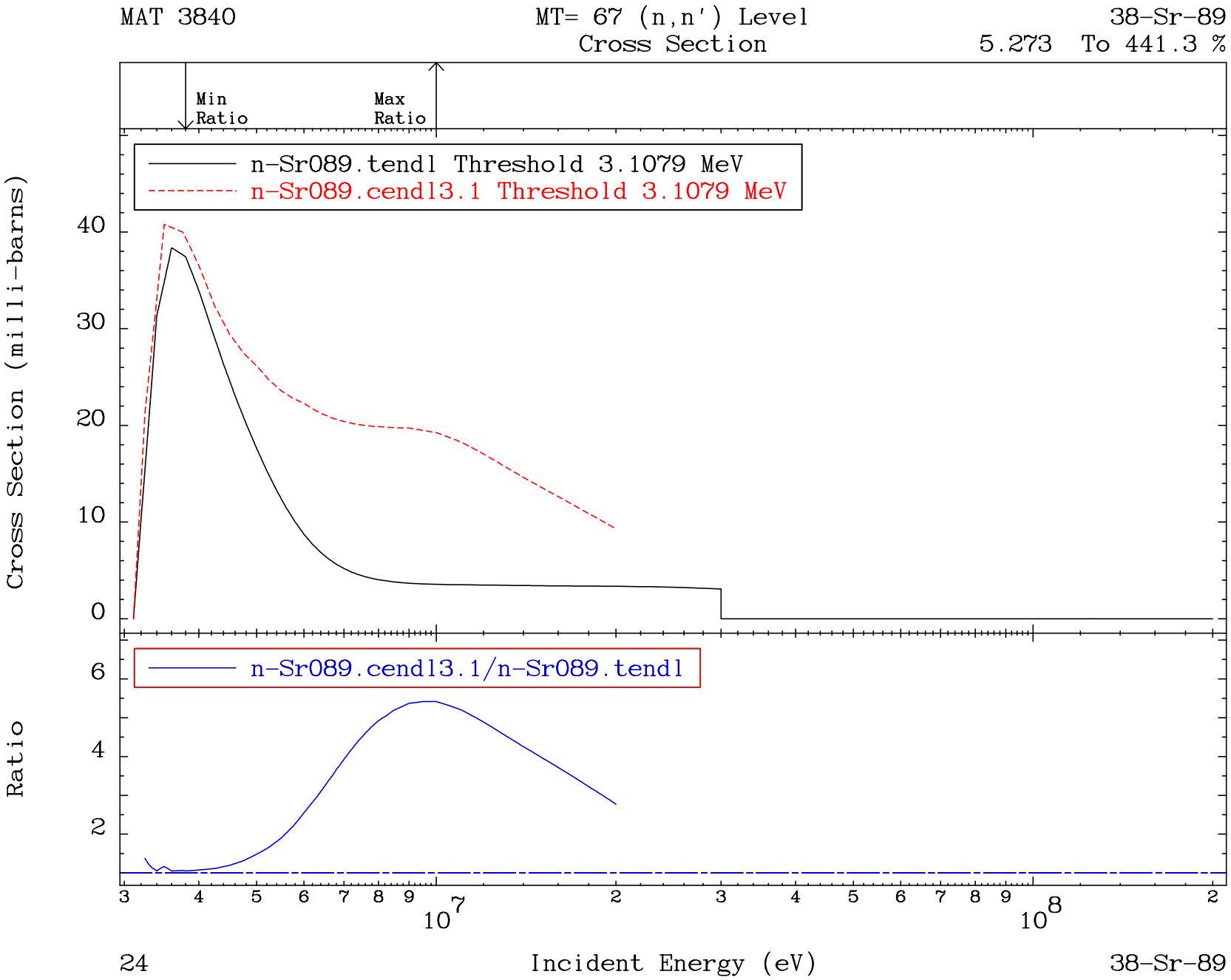

MAT 3840
MT= 62 (n,n') Level
Cross Section
38-Sr-89
-32.66 To 9999. %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.7378 MeV
n-Sr089.cendl3.1 Threshold 2.7378 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^4
10^2
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
38-Sr-89

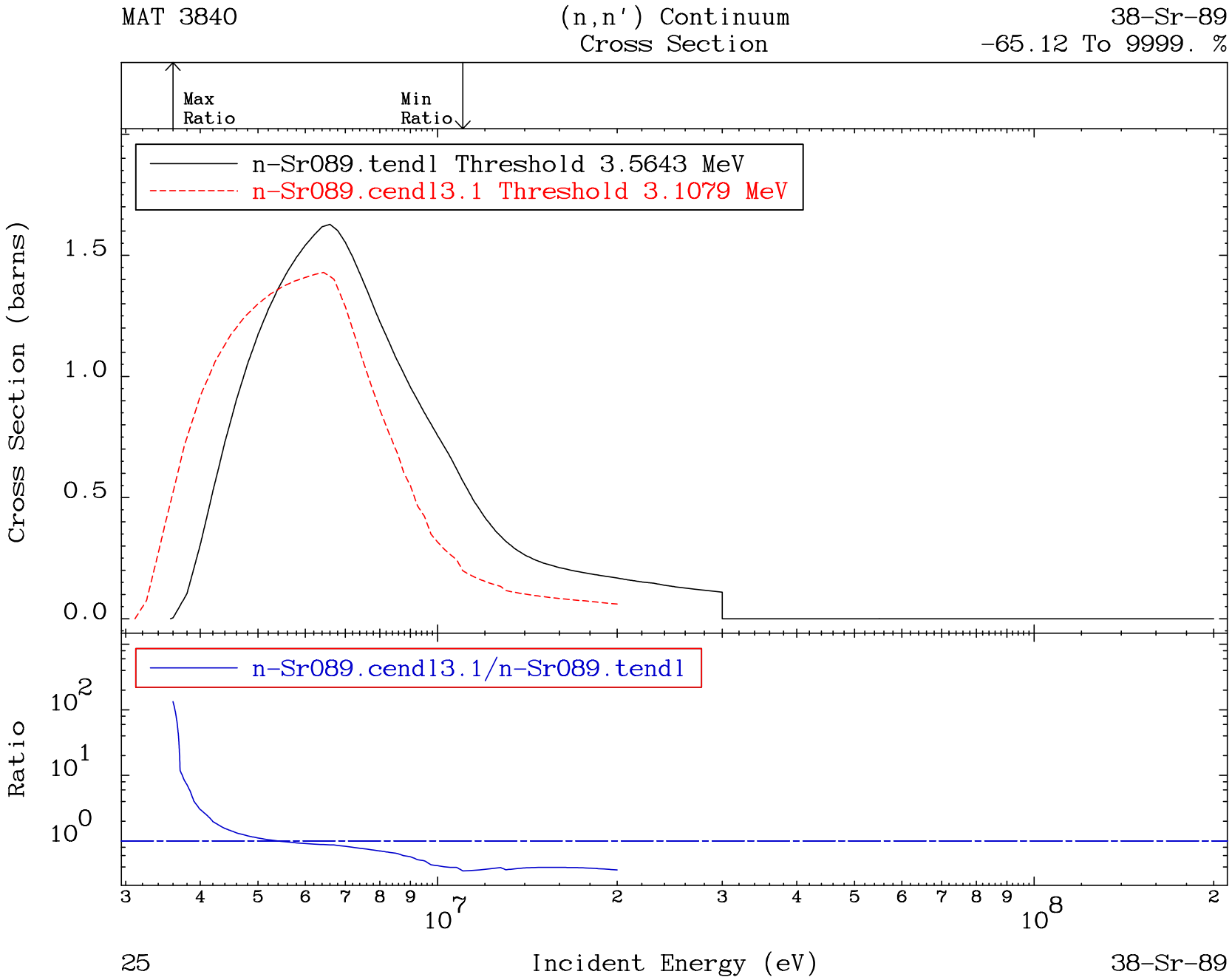

MAT 3840
MT= 63 (n,n') Level
Cross Section
38-Sr-89
-99.52 To 15.89 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 2.8368 MeV
n-Sr089.cendl3.1 Threshold 2.8368 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^0
10^-1
10^-2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
20
Incident Energy (eV)
38-Sr-89

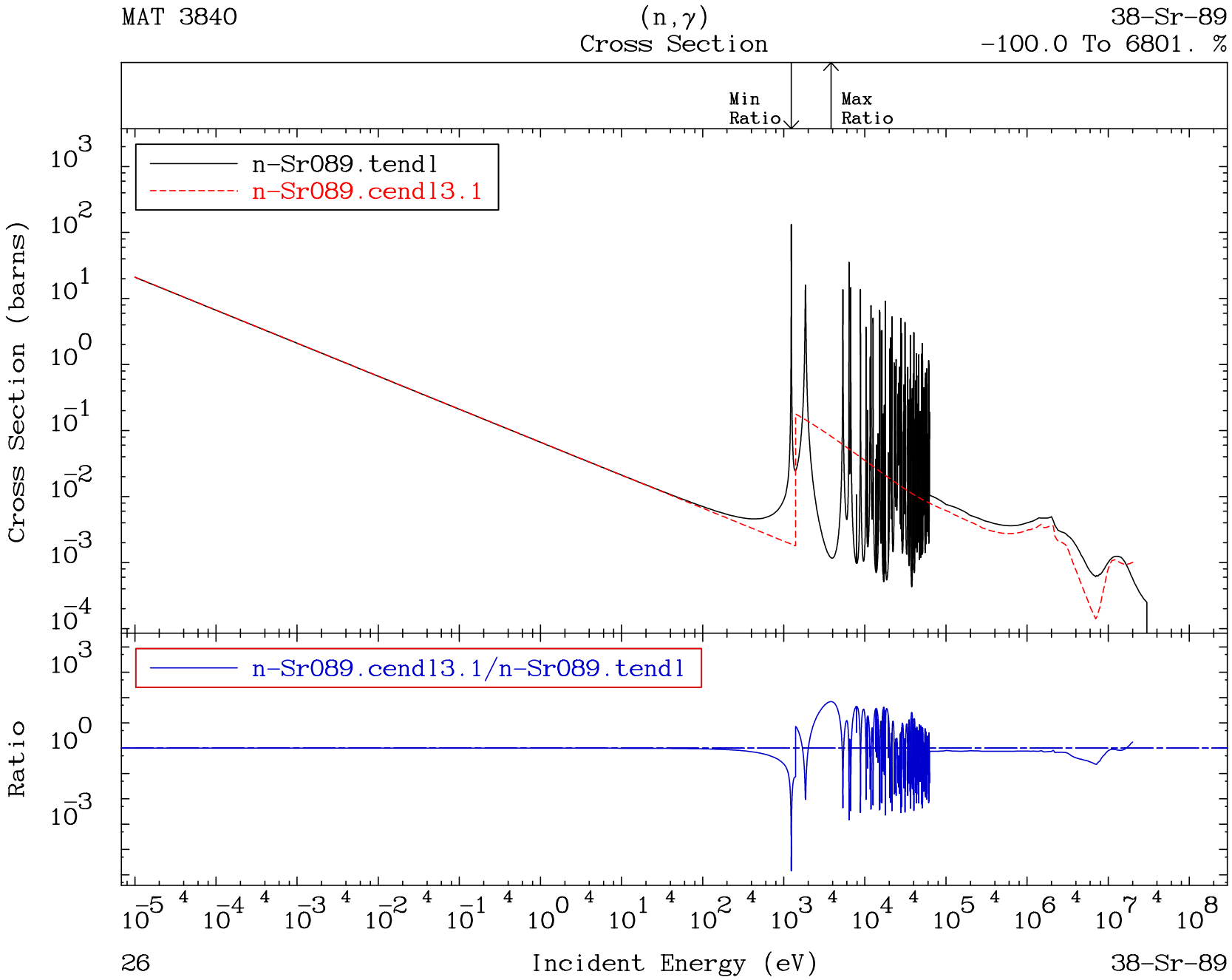

MAT 3840
MT= 64 (n,n') Level
Cross Section
38-Sr-89
-30.76 To 282.3 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.9491 MeV
n-Sr089.cendl3.1 Threshold 2.9491 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
4
3
2
1
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
21
Incident Energy (eV)
38-Sr-89

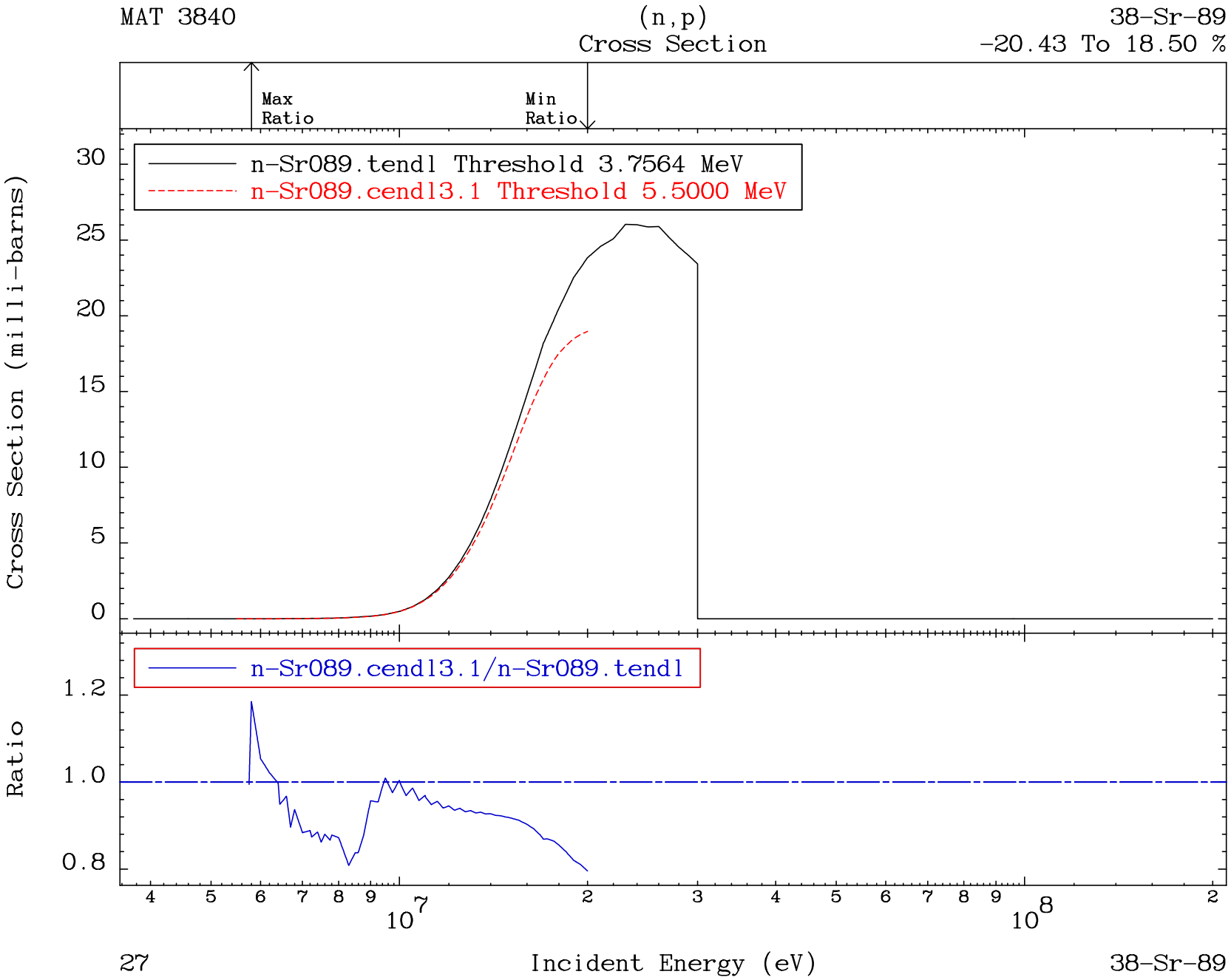

MAT 3840
MT= 65 (n,n') Level
Cross Section
38-Sr-89
-19.54 To 181.9 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.9638 MeV
n-Sr089.cendl3.1 Threshold 2.9638 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
3.0
2.0
1.0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
22
Incident Energy (eV)
38-Sr-89

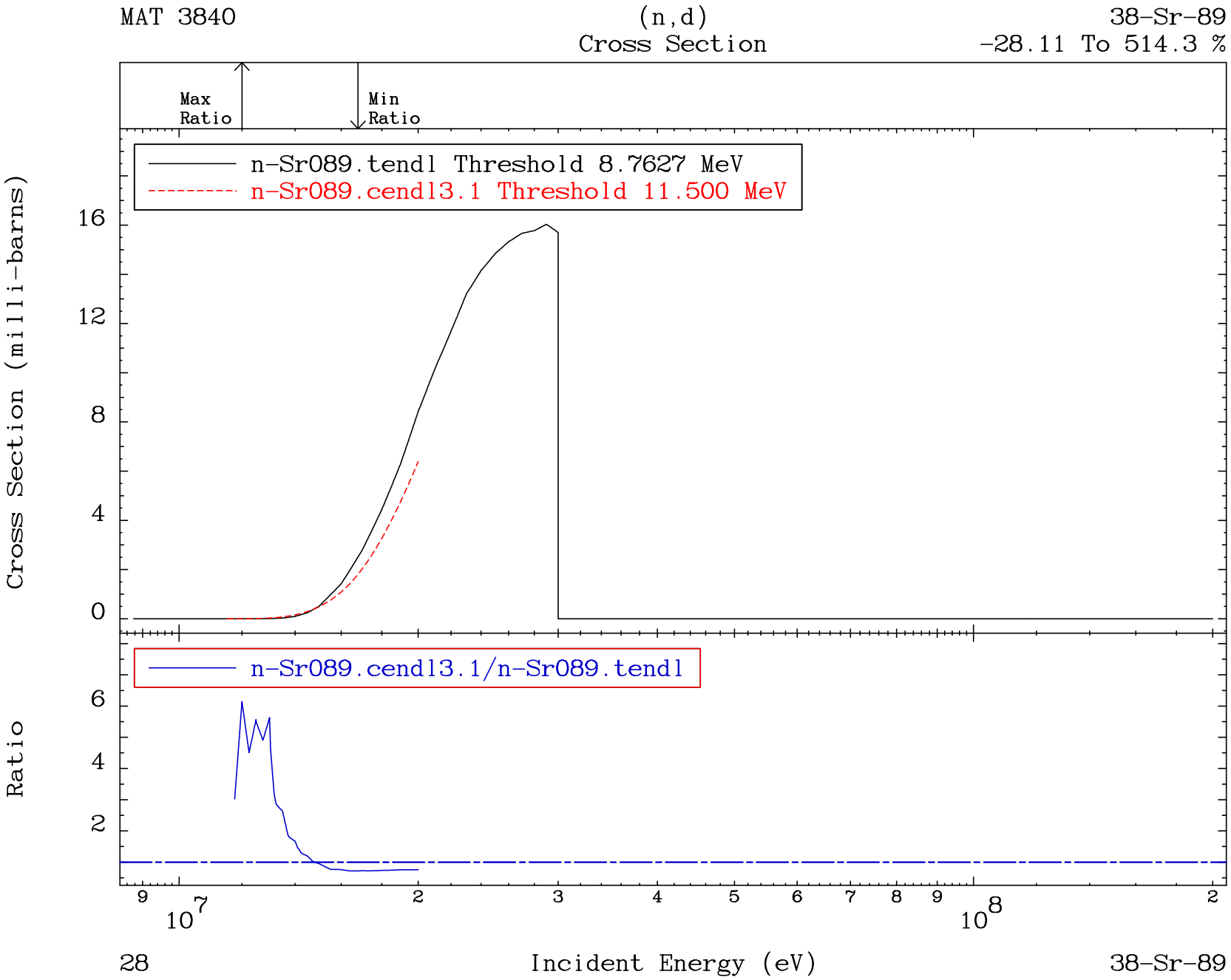

MAT 3840
MT= 66 (n,n') Level
Cross Section
38-Sr-89
-14.94 To 8469. %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 2.9955 MeV
n-Sr089.cendl3.1 Threshold 2.9955 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^2
10^1
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
23
38-Sr-89

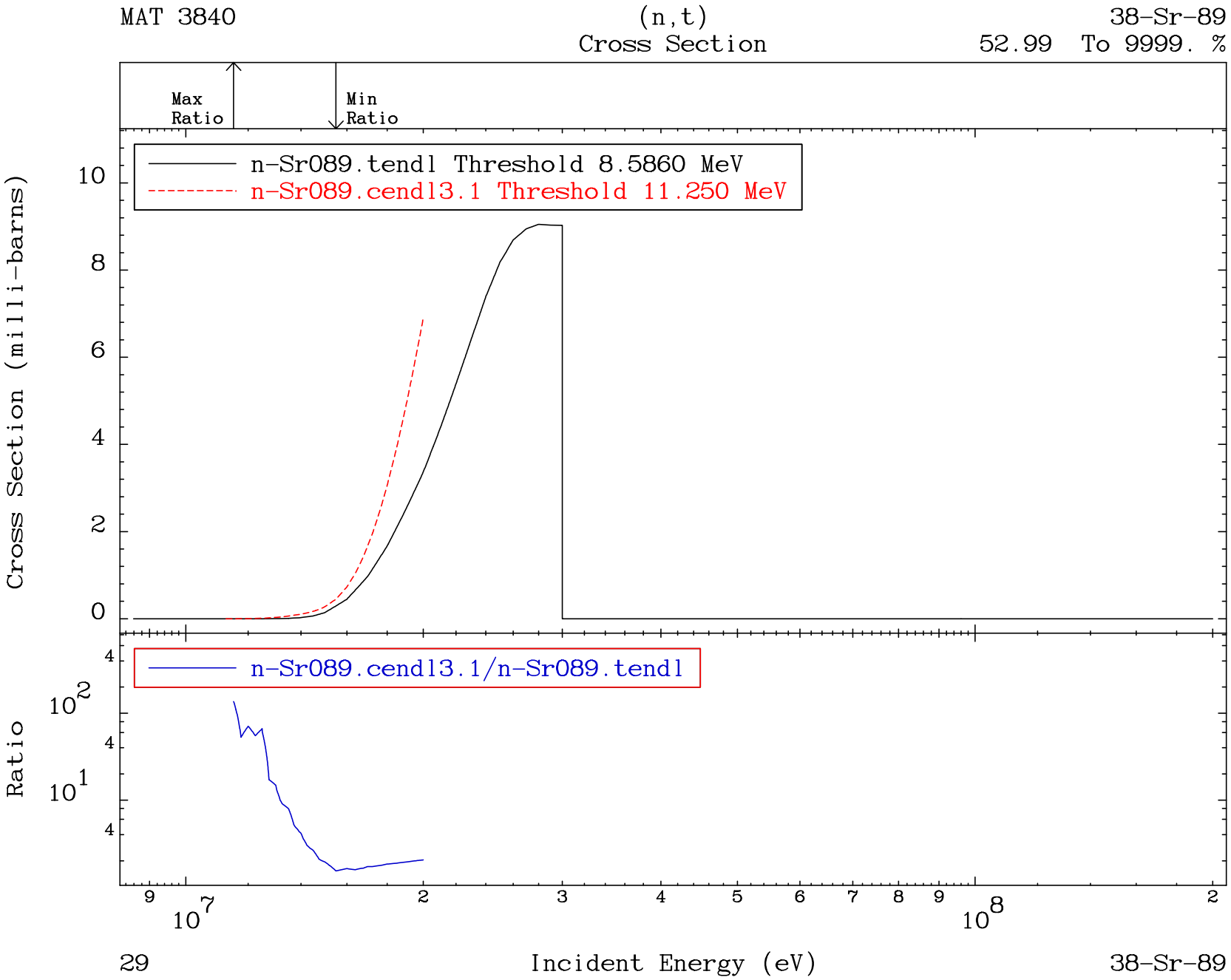

MAT 3840
MT= 67 (n,n') Level
Cross Section
38-Sr-89
5.273 To 441.3 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 3.1079 MeV
n-Sr089.cendl3.1 Threshold 3.1079 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
6
4
2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
24
Incident Energy (eV)
38-Sr-89

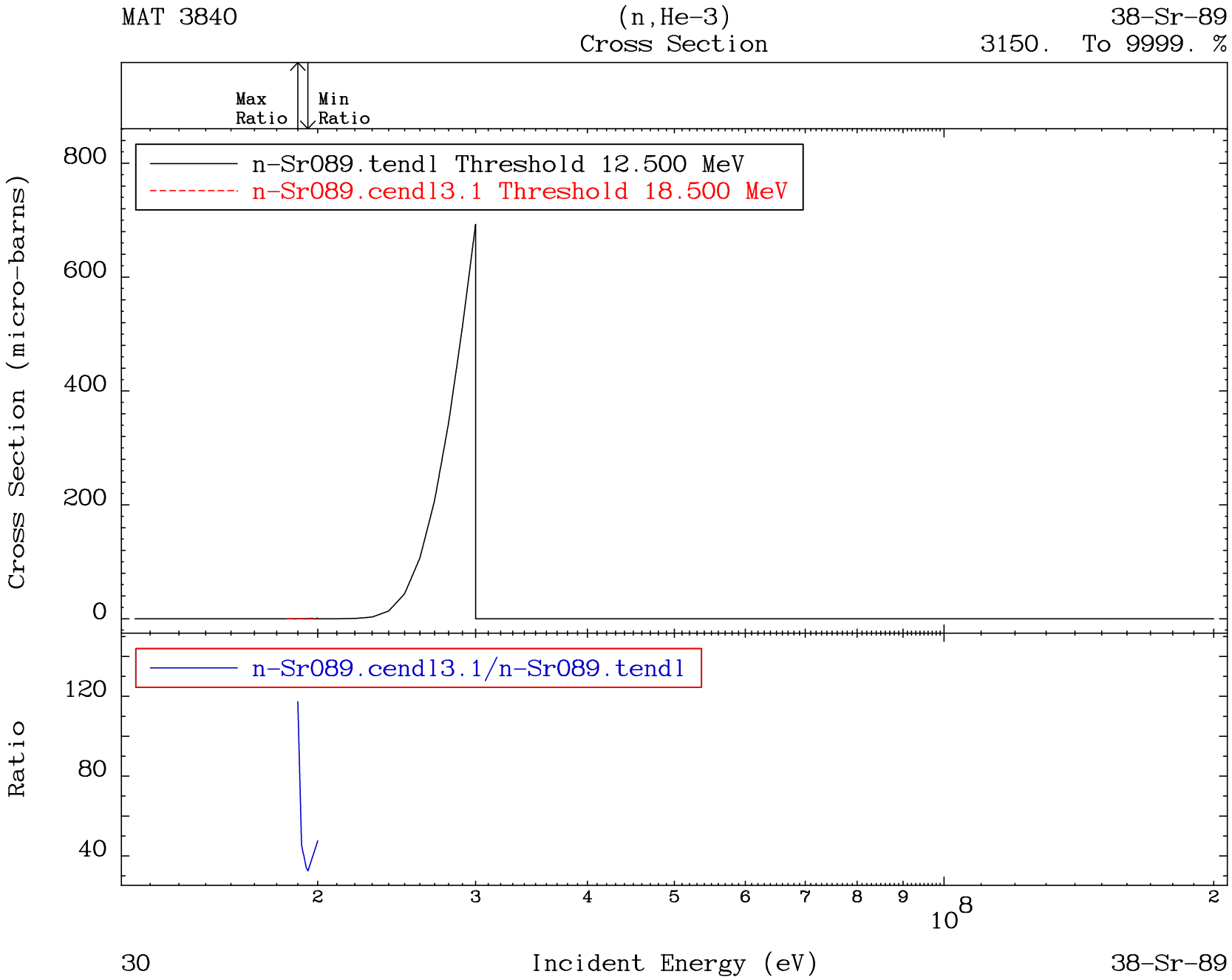

MAT 3840
(n,n') Continuum
Cross Section
38-Sr-89
-65.12 To 9999. %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 3.5643 MeV
n-Sr089.cendl3.1 Threshold 3.1079 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^2
10^1
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
25
Incident Energy (eV)
38-Sr-89

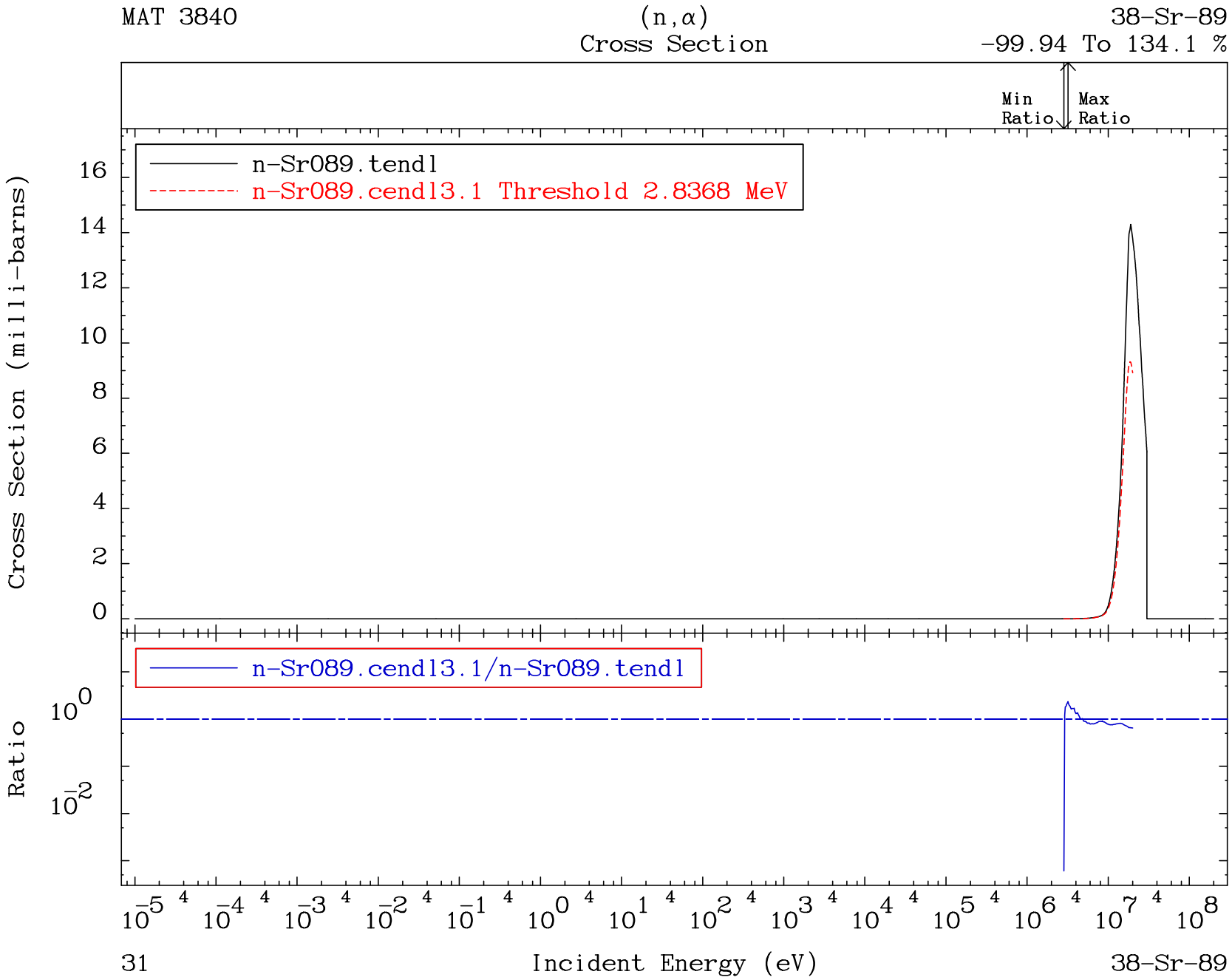

MAT 3840
(n,γ)
Cross Section
38-Sr-89
-100.0 To 6801. %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
26
38-Sr-89

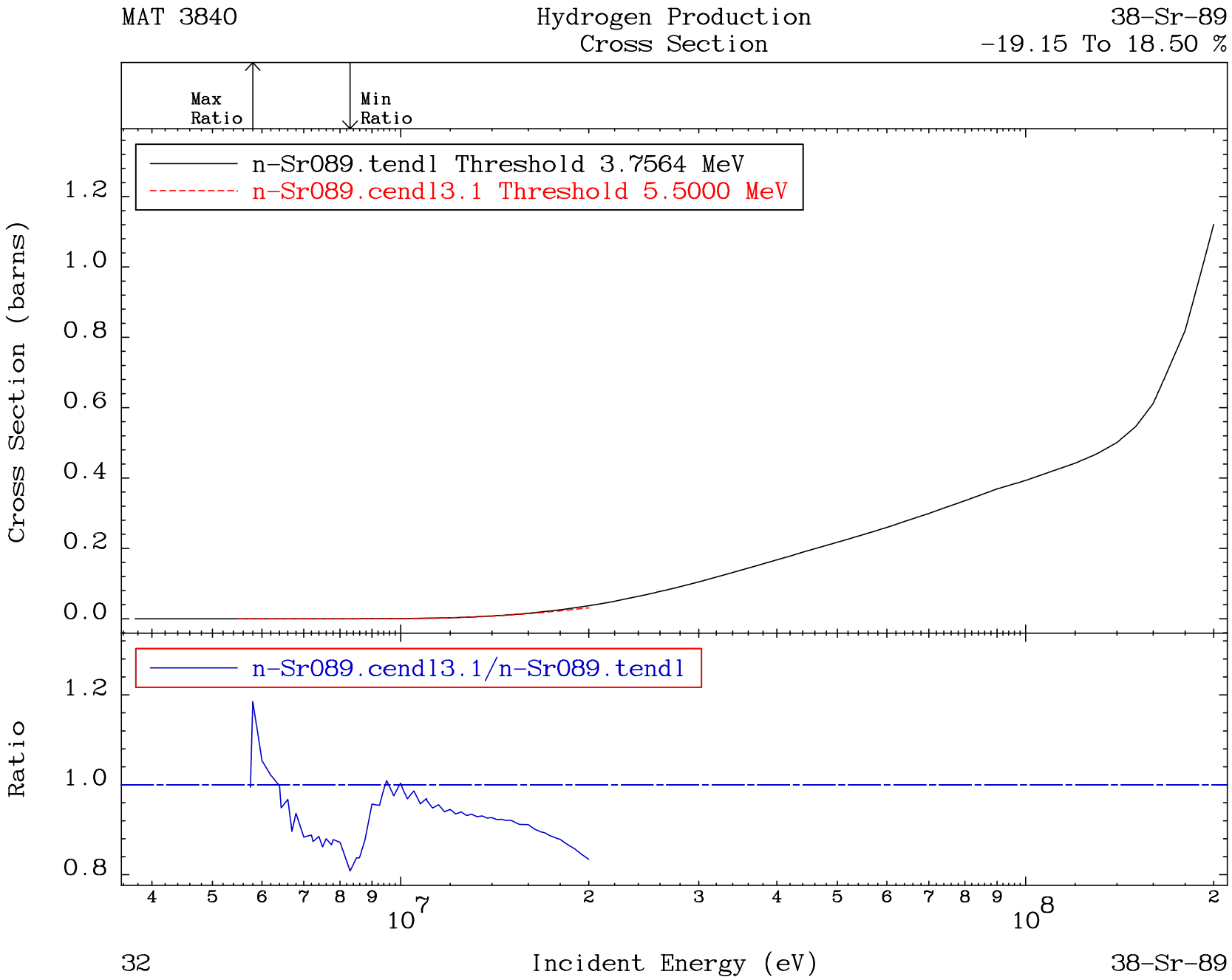

MAT 3840
(n,p)
Cross Section
38-Sr-89
-20.43 To 18.50 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 3.7564 MeV
n-Sr089.cendl3.1 Threshold 5.5000 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.2
1.0
0.8
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
38-Sr-89

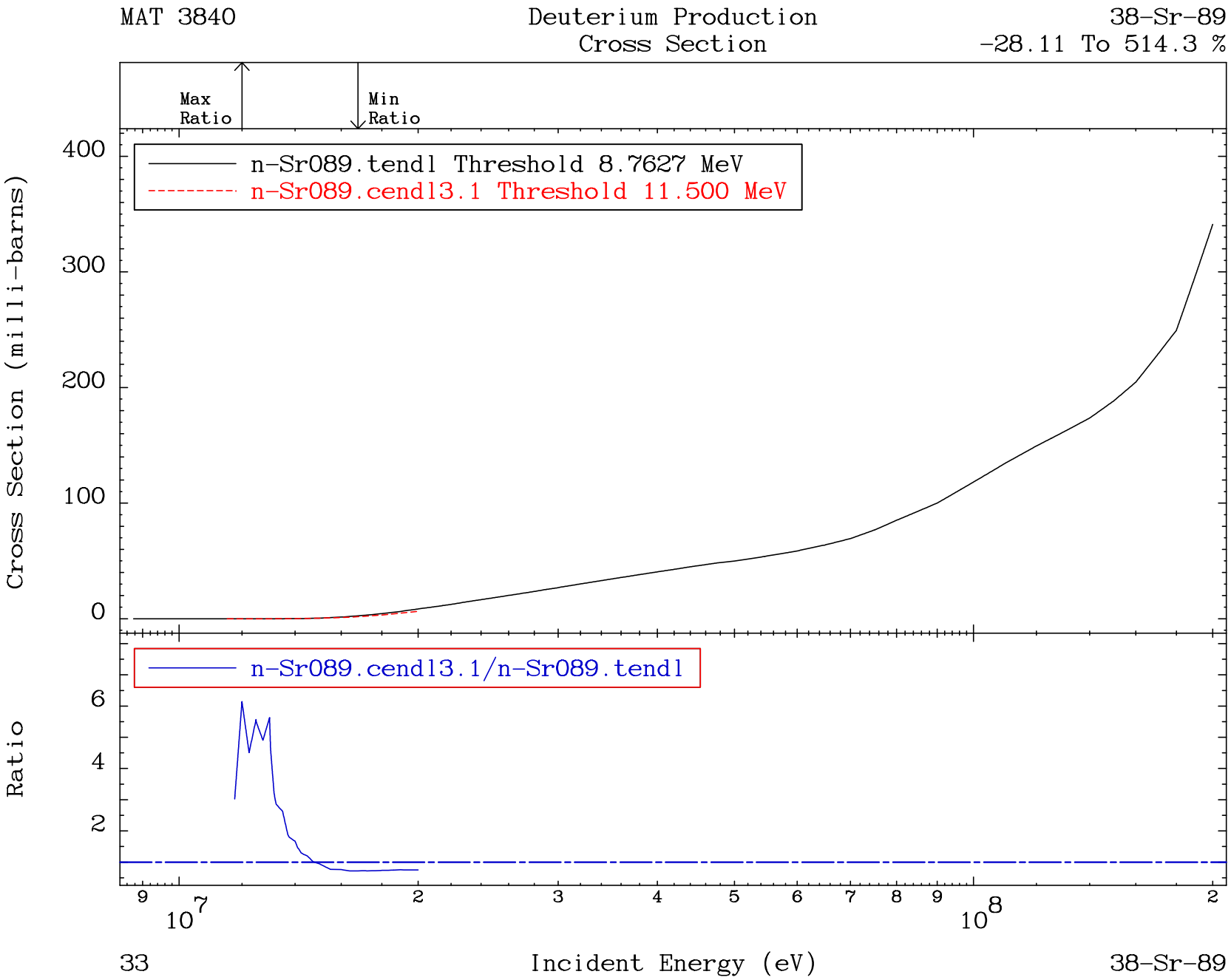

MAT 3840
(n,d)
Cross Section
38-Sr-89
-28.11 To 514.3 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 8.7627 MeV
n-Sr089.cendl3.1 Threshold 11.500 MeV
Cross Section (milli-barns)
16
12
8
4
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
6
4
2
9
10^7
2
3
4
5
6
7
8
9
10^8
2
28
Incident Energy (eV)
38-Sr-89

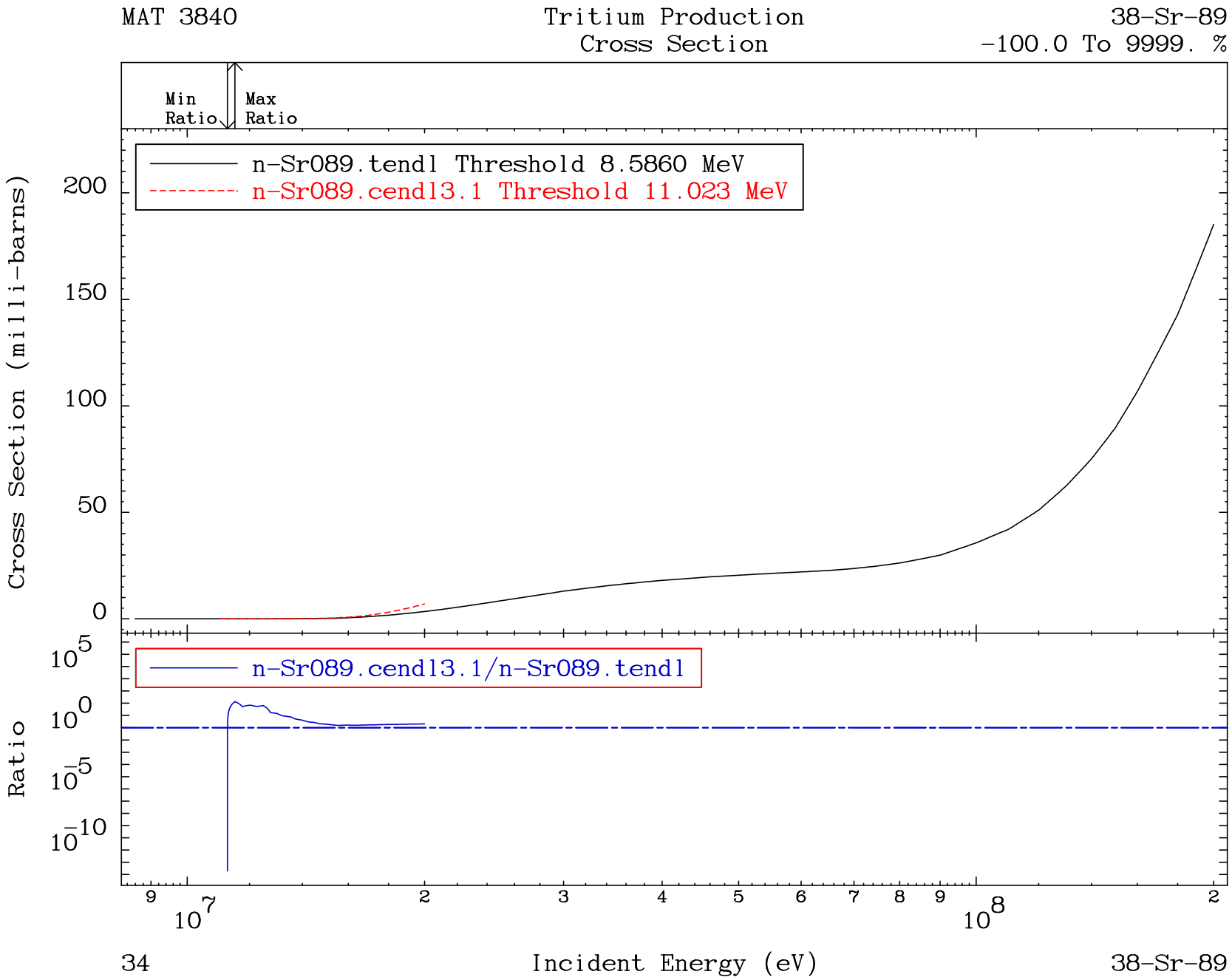

MAT 3840
(n,t)
Cross Section
38-Sr-89
52.99 To 9999. %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 8.5860 MeV
n-Sr089.cendl3.1 Threshold 11.250 MeV
Cross Section (milli-barns)
10
8
6
4
2
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^2
4
10^1
4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
29
Incident Energy (eV)
38-Sr-89

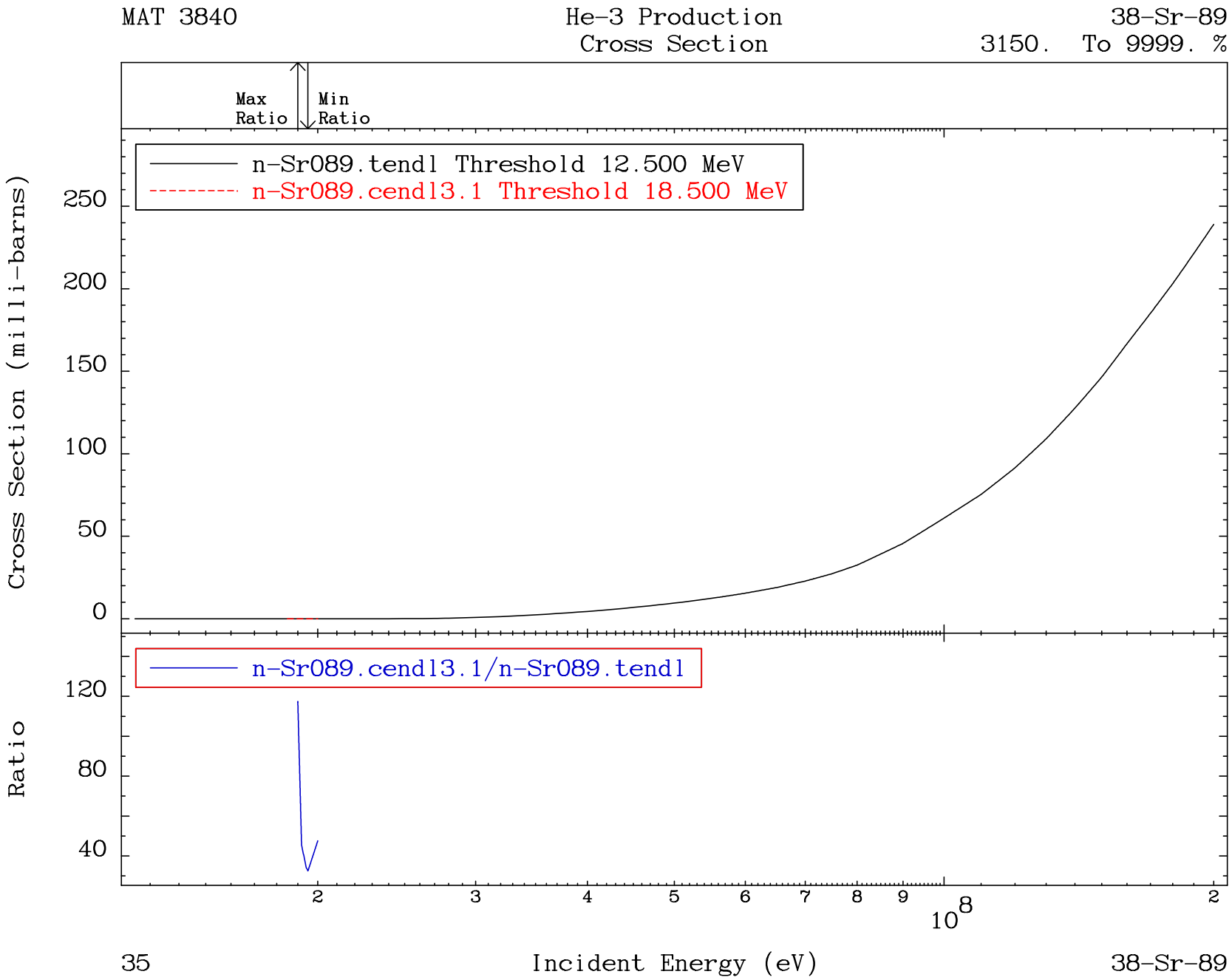

MAT 3840
(n,He-3)
Cross Section
38-Sr-89
3150. To 9999. %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 12.500 MeV
n-Sr089.cendl3.1 Threshold 18.500 MeV
Cross Section (micro-barns)
800
600
400
200
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
120
80
40
2
3
4
5
6
7
8
9
10^8
2
30
Incident Energy (eV)
38-Sr-89

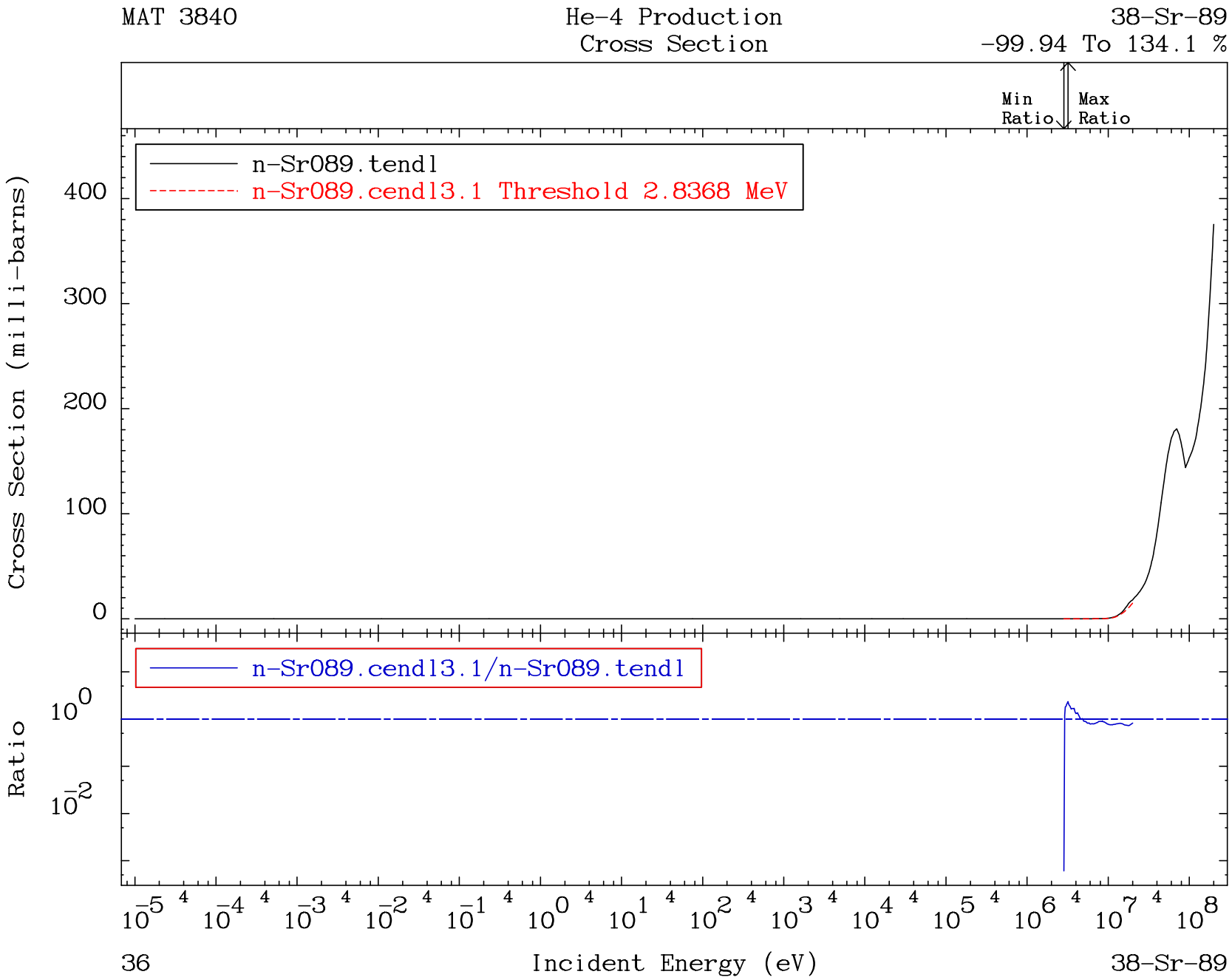

MAT 3840
(n,α)
Cross Section
38-Sr-89
-99.94 To 134.1 %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1 Threshold 2.8368 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^0
10^-2
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
31
Incident Energy (eV)
38-Sr-89

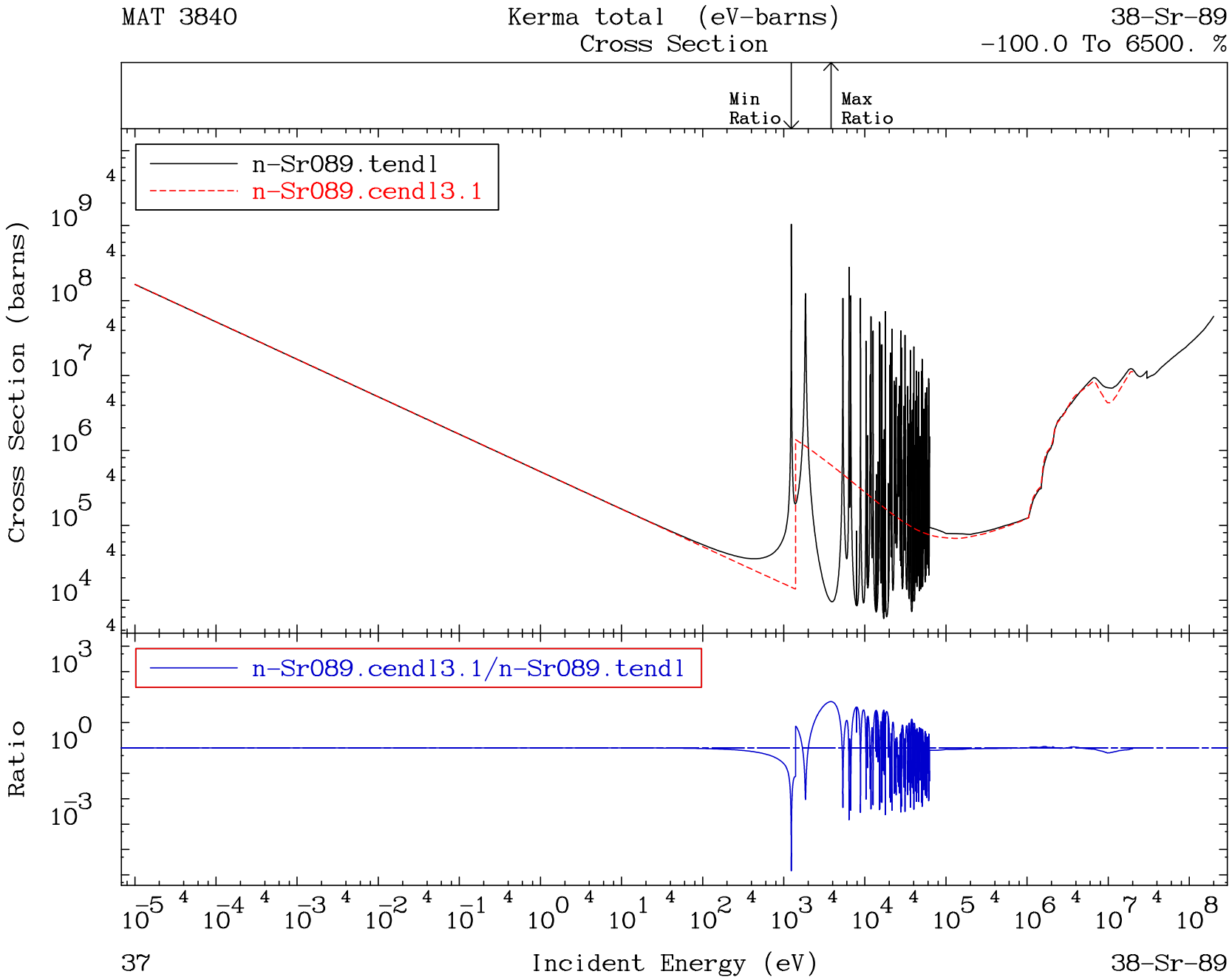

MAT 3840
Hydrogen Production
Cross Section
38-Sr-89
-19.15 To 18.50 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 3.7564 MeV
n-Sr089.cendl3.1 Threshold 5.5000 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.2
1.0
0.8
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
32
Incident Energy (eV)
38-Sr-89

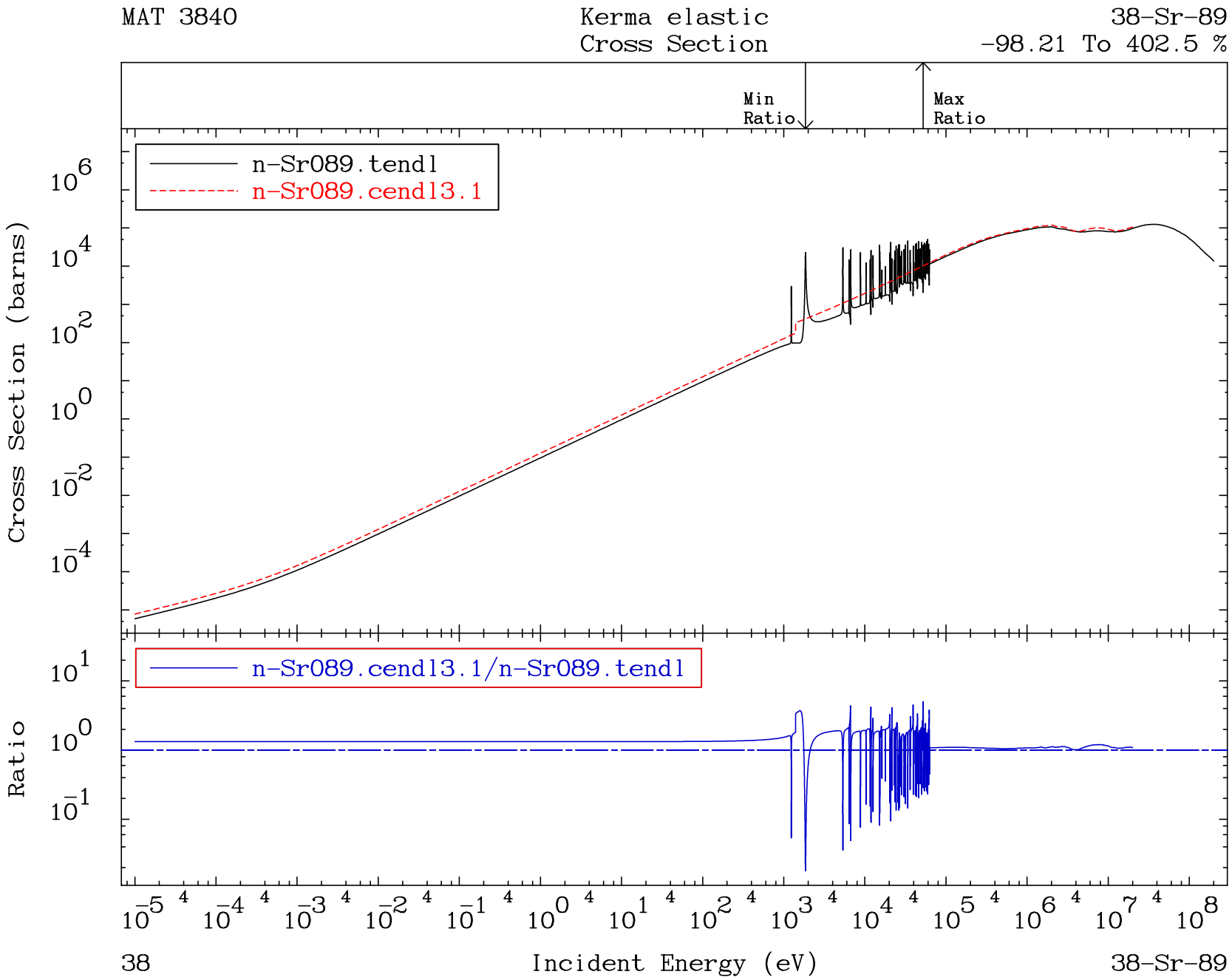

MAT 3840
Deuterium Production
Cross Section
38-Sr-89
-28.11 To 514.3 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 8.7627 MeV
n-Sr089.cendl3.1 Threshold 11.500 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
6
4
2
9
10^7
2
3
4
5
6
7
8
9
10^8
2
33
Incident Energy (eV)
38-Sr-89

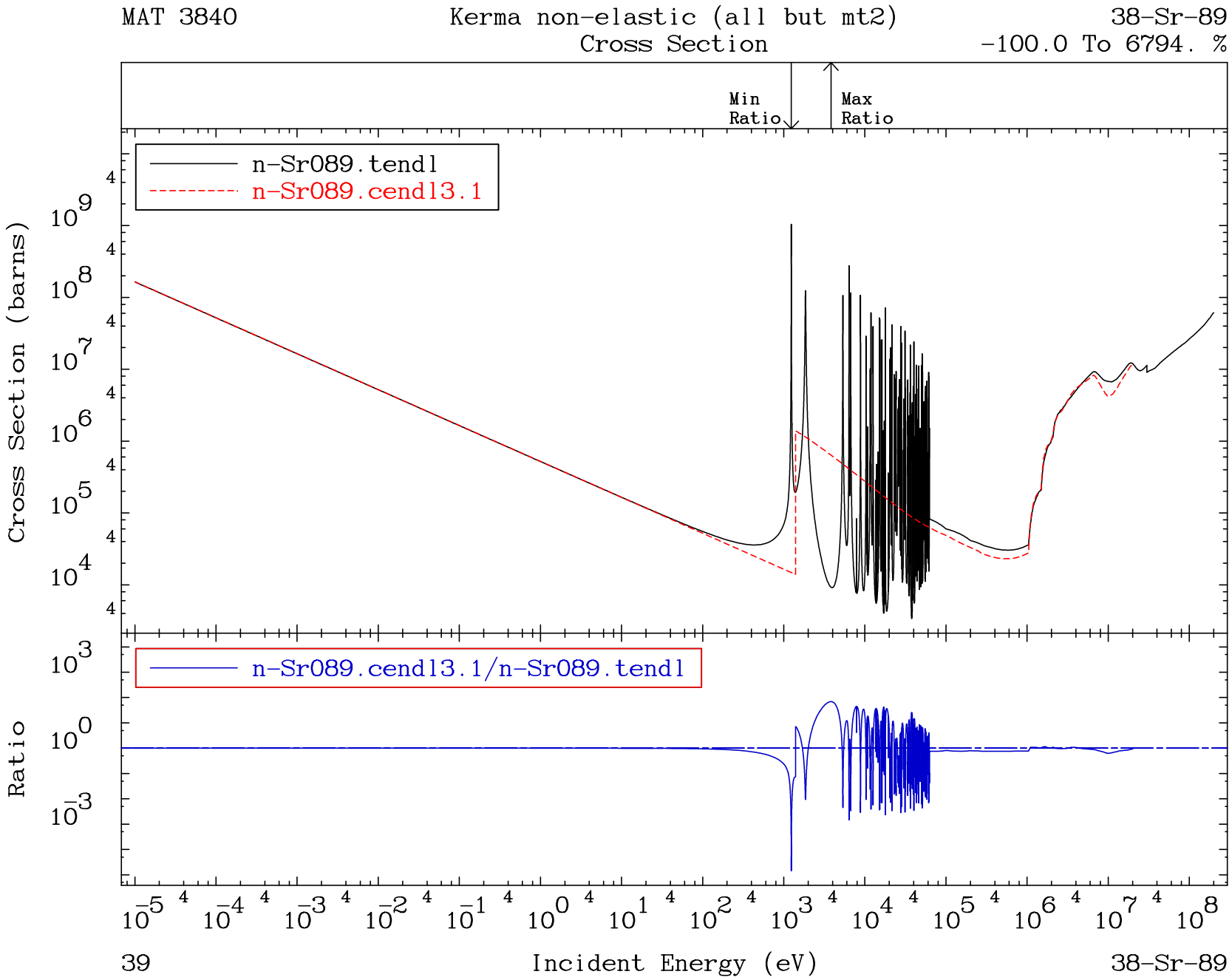

MAT 3840
Tritium Production
Cross Section
38-Sr-89
-100.0 To 9999. %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 8.5860 MeV
n-Sr089.cendl3.1 Threshold 11.023 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^5
10^0
10^-5
10^-10
9
10^7
2
3
4
5
6
7
8
9
10^8
2
34
Incident Energy (eV)
38-Sr-89

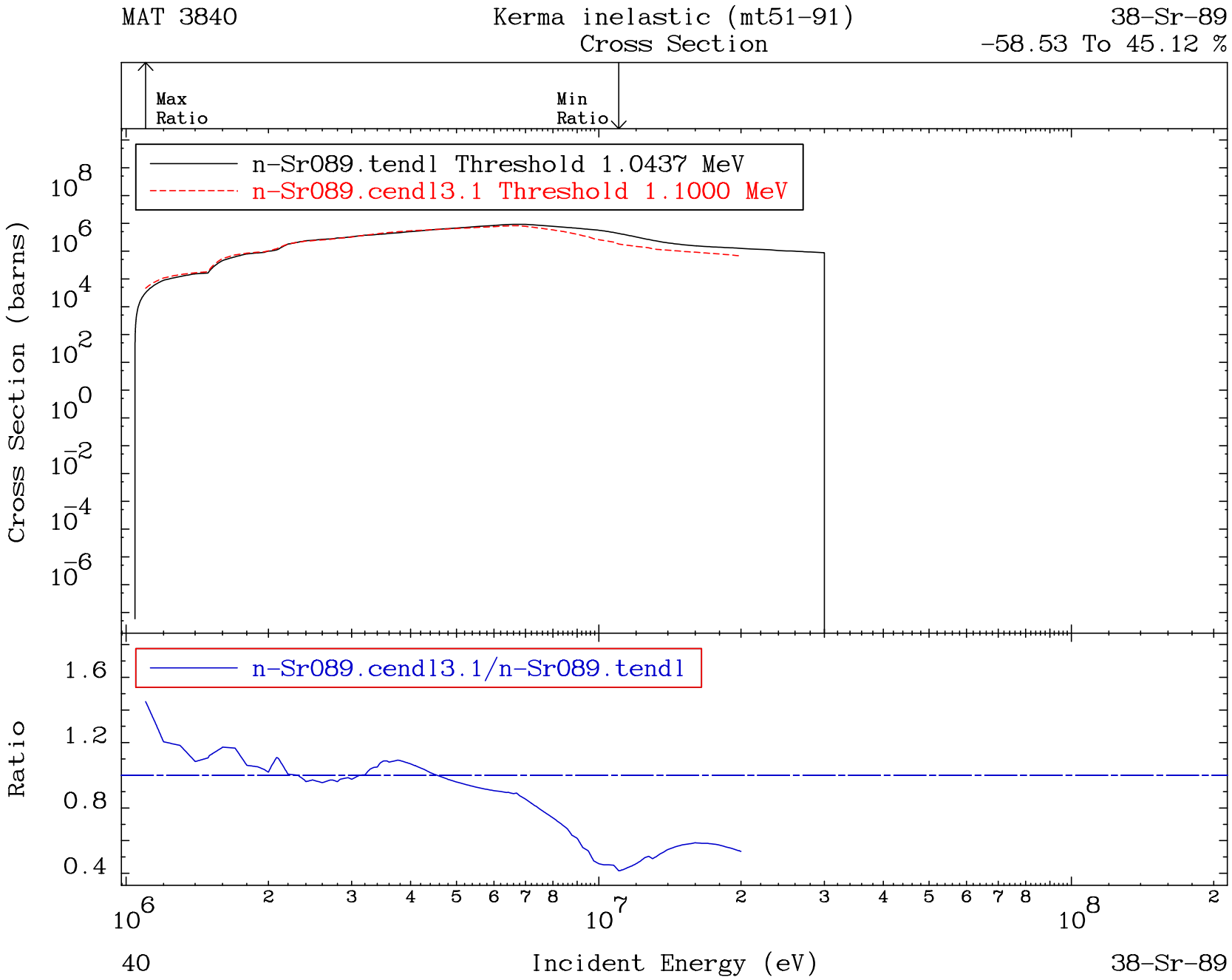

MAT 3840
He-3 Production
Cross Section
38-Sr-89
3150. To 9999. %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 12.500 MeV
n-Sr089.cendl3.1 Threshold 18.500 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
120
80
40
2
3
4
5
6
7
8
9
10^8
2
35
Incident Energy (eV)
38-Sr-89

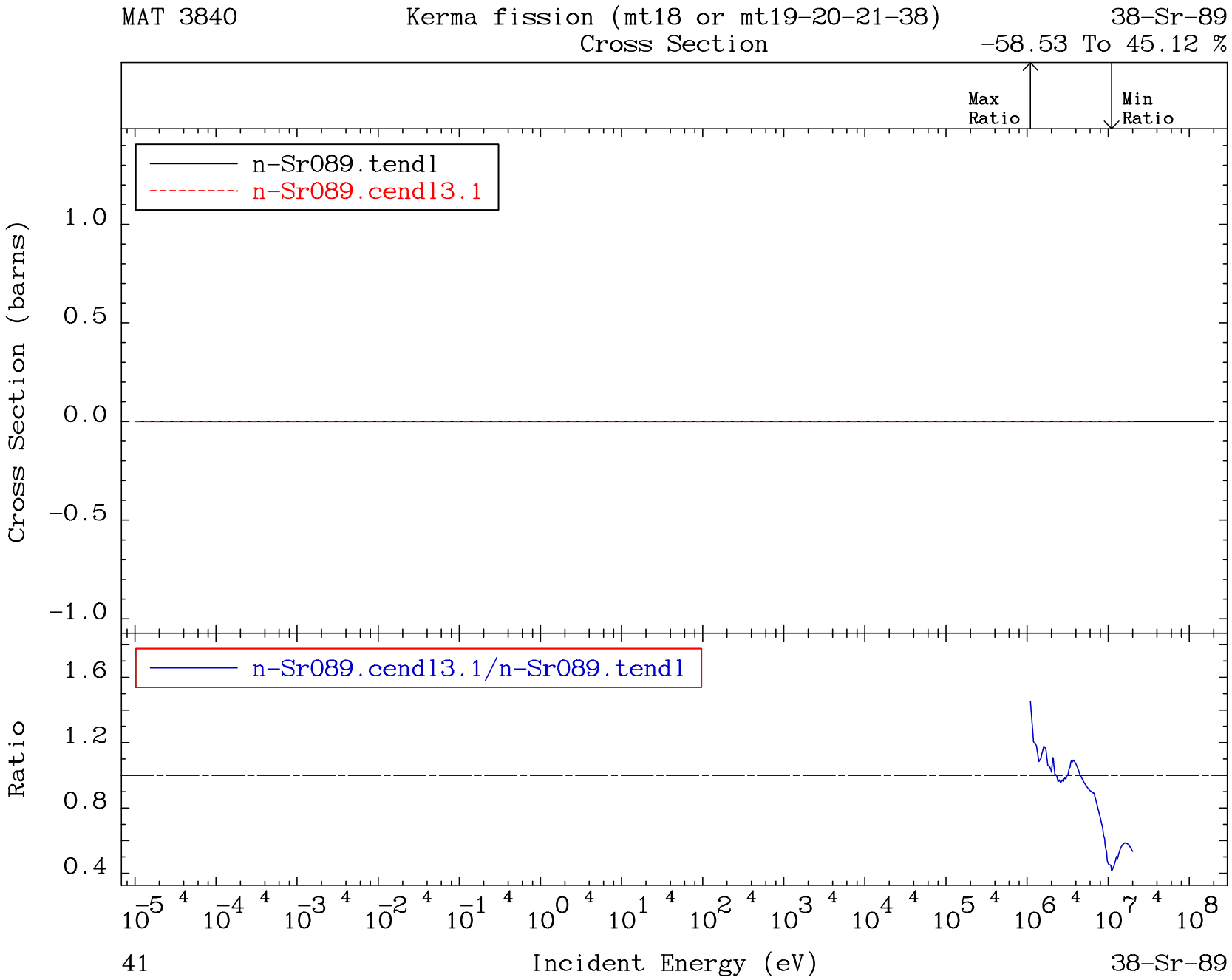

MAT 3840
He-4 Production
Cross Section
38-Sr-89
-99.94 To 134.1 %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1 Threshold 2.8368 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^0
10^-2
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
36
Incident Energy (eV)
38-Sr-89

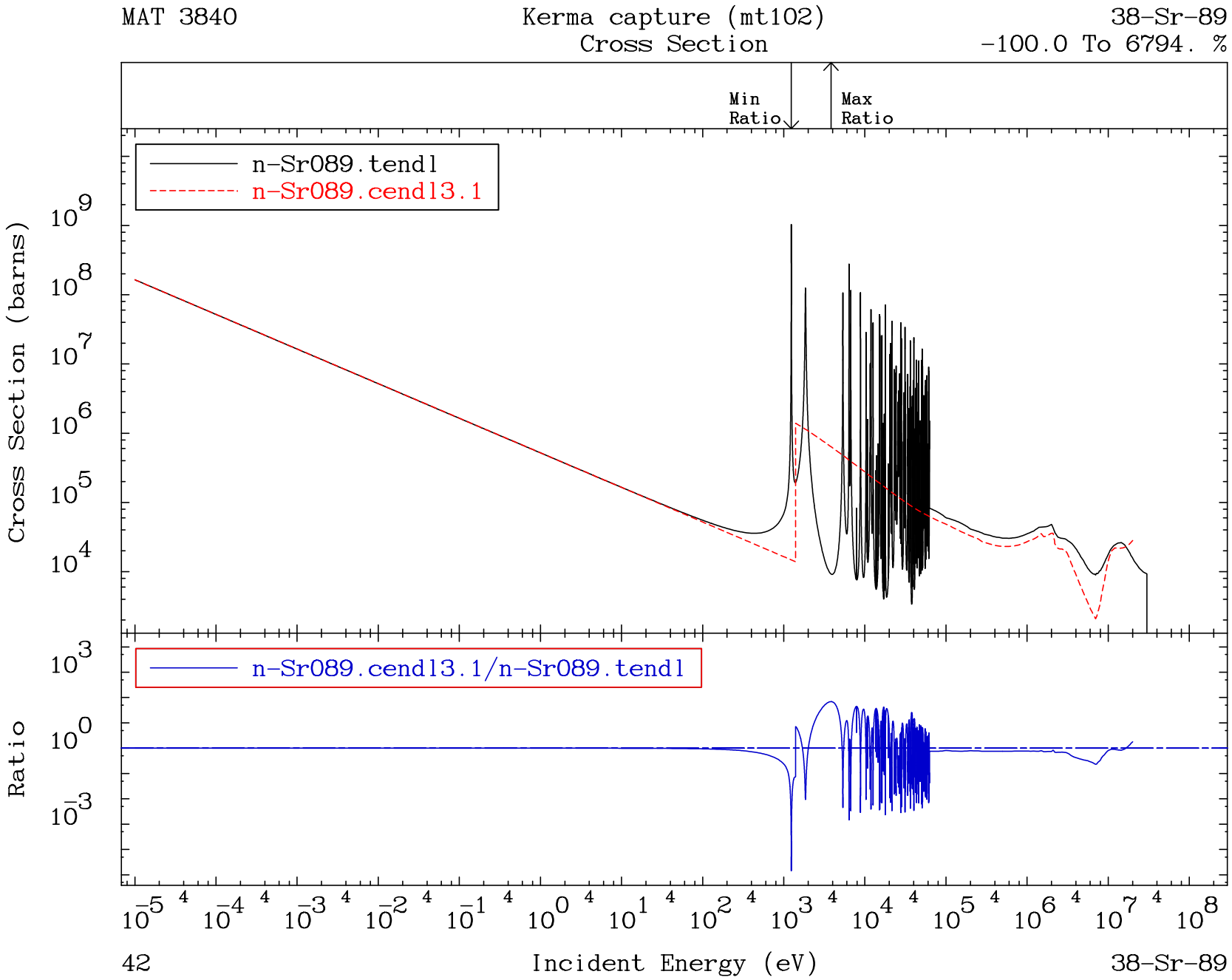

MAT 3840
Kerma total (eV-barns)
Cross Section
38-Sr-89
-100.0 To 6500. %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
37
38-Sr-89

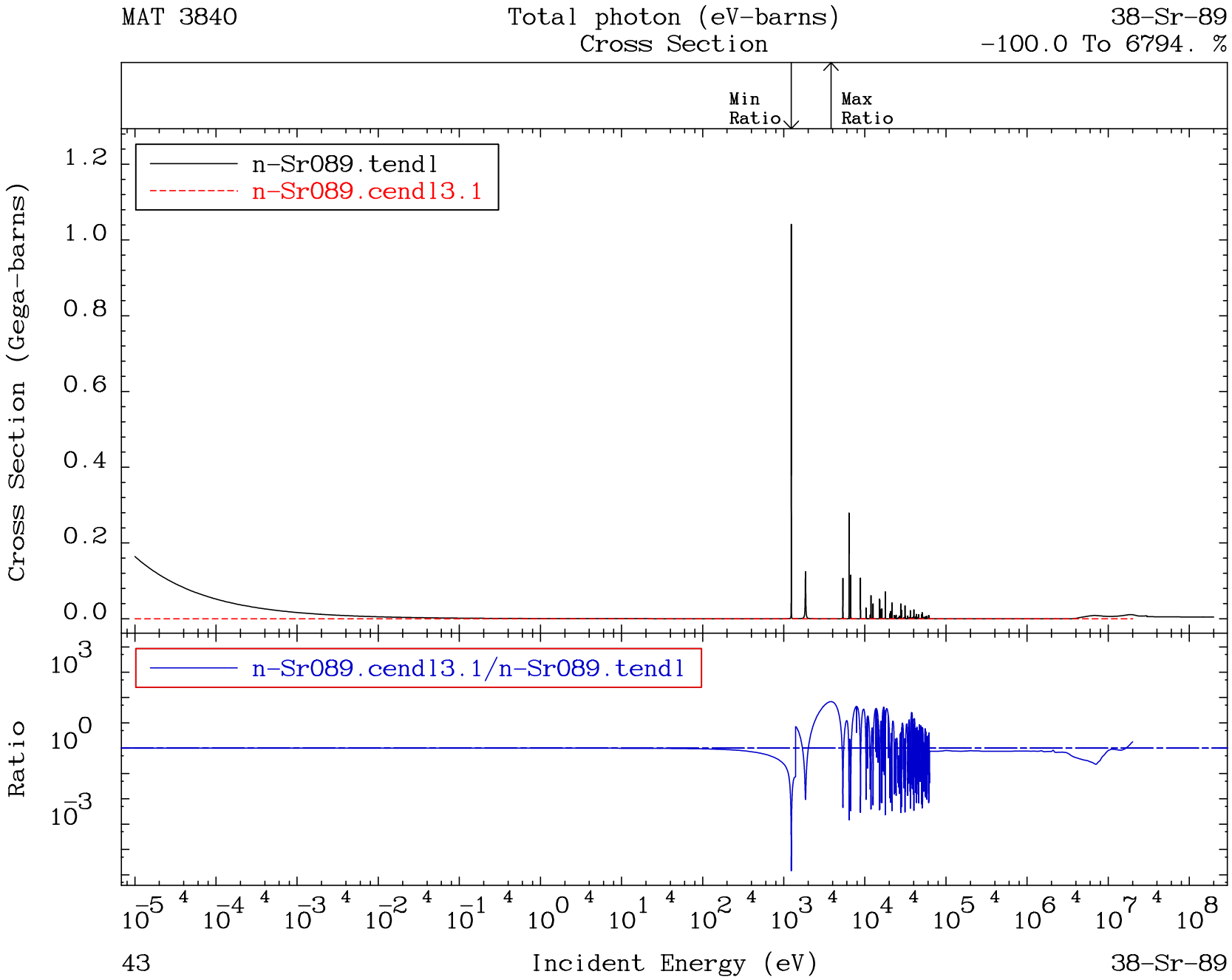

MAT 3840
Kerma elastic
Cross Section
38-Sr-89
-98.21 To 402.5 %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
38
38-Sr-89

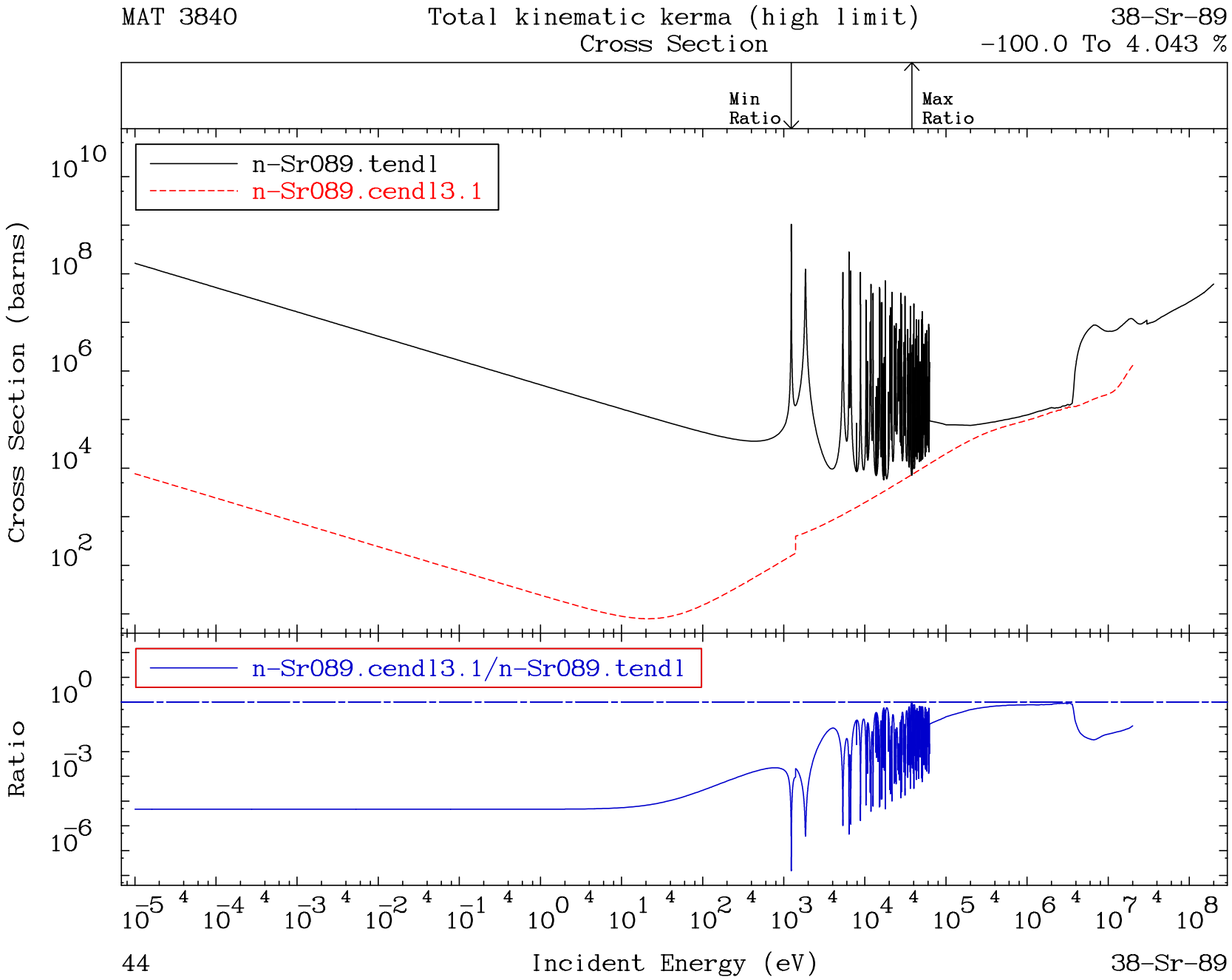

MAT 3840
Kerma non-elastic (all but mt2)
Cross Section
38-Sr-89
-100.0 To 6794. %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
39
38-Sr-89

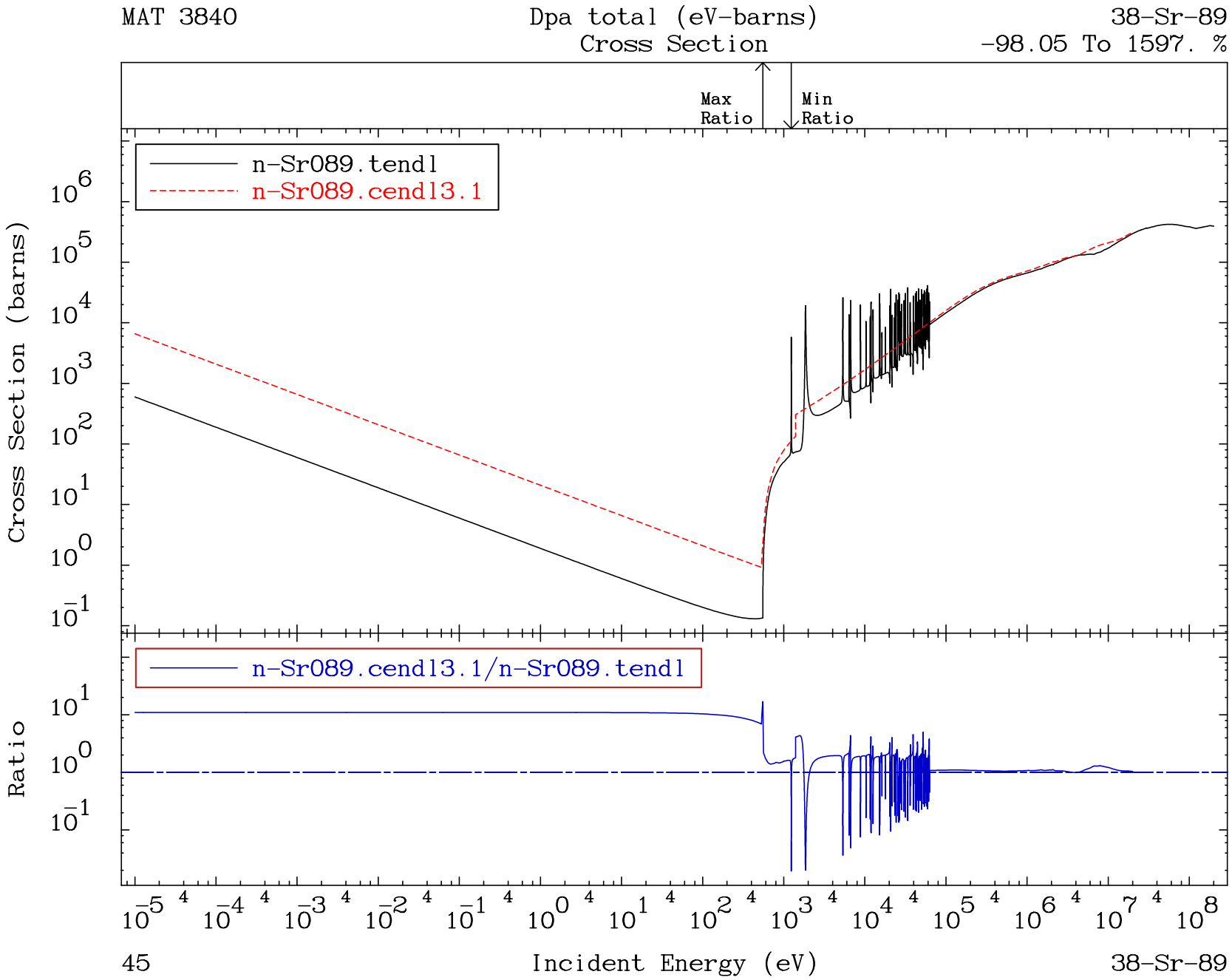

MAT 3840
Kerma inelastic (mt51-91)
Cross Section
38-Sr-89
-58.53 To 45.12 %
Max Ratio
Min Ratio
n-Sr089.tendl Threshold 1.0437 MeV
n-Sr089.cendl3.1 Threshold 1.1000 MeV
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
40
38-Sr-89

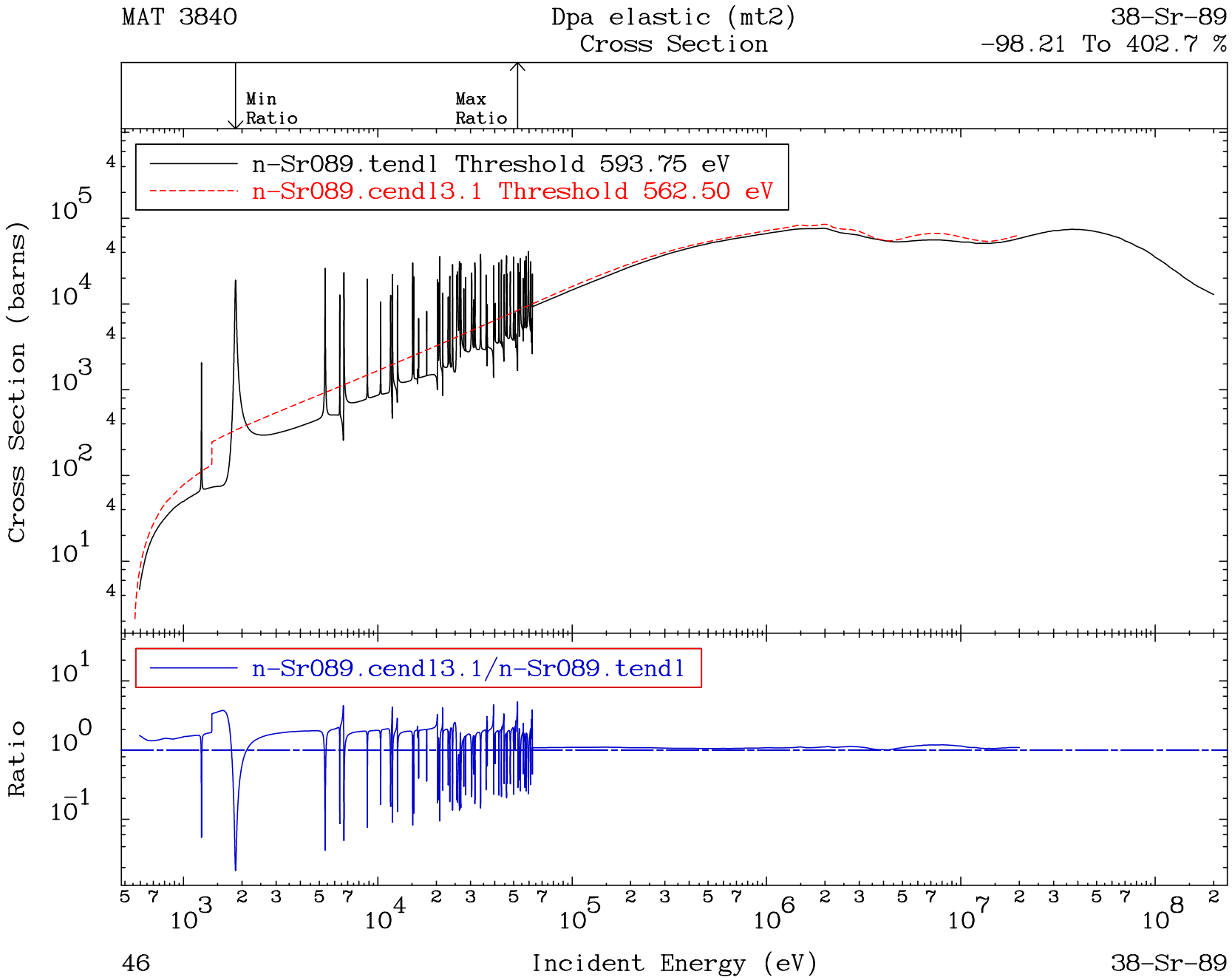

MAT 3840
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
38-Sr-89
-58.53 To 45.12 %
Max Ratio
Min Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
1.6
1.2
0.8
0.4
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
41
Incident Energy (eV)
38-Sr-89

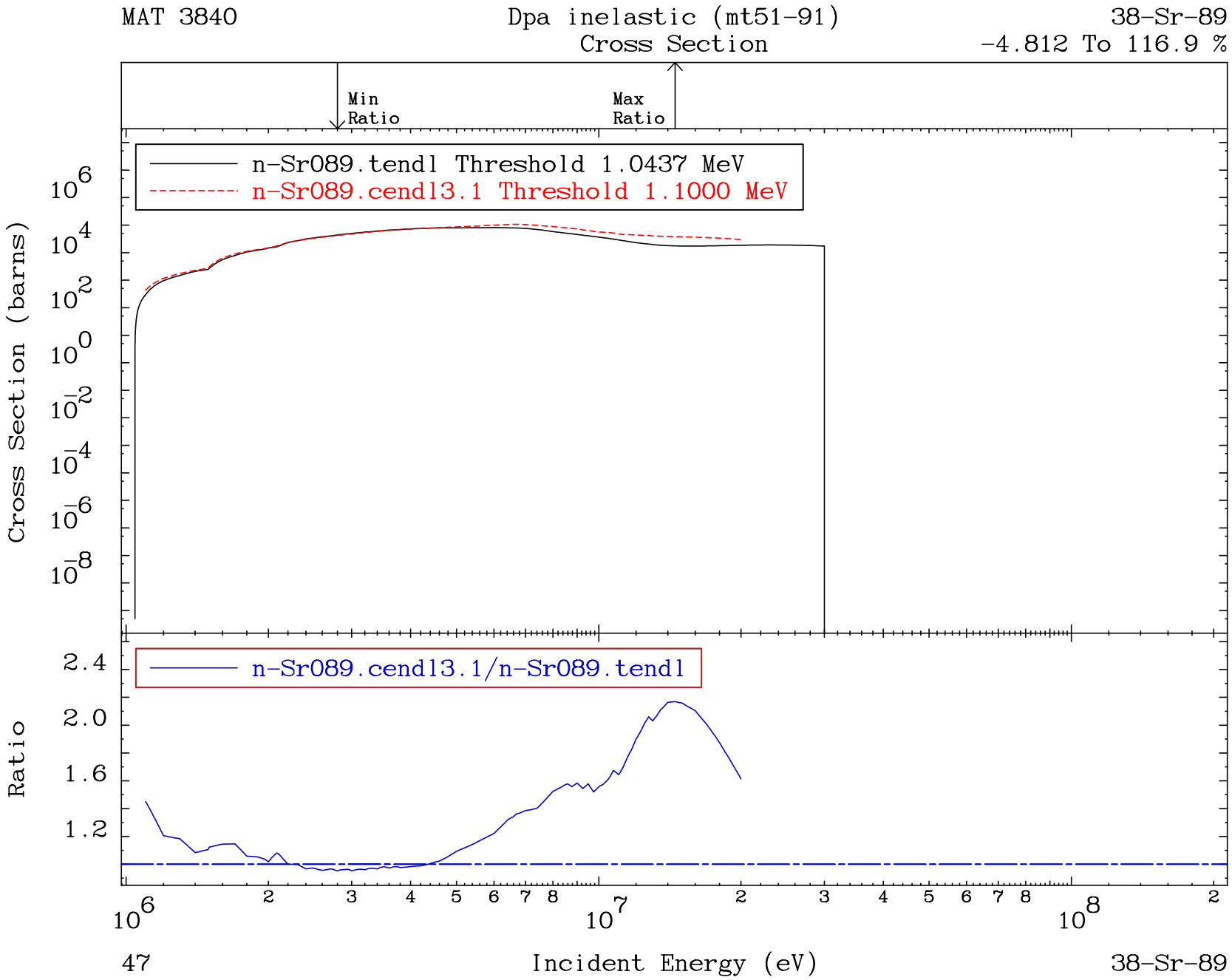

MAT 3840
Kerma capture (mt102)
Cross Section
38-Sr-89
-100.0 To 6794. %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
Ratio
n-Sr089.cendl3.1/n-Sr089.tendl
Incident Energy (eV)
42
38-Sr-89

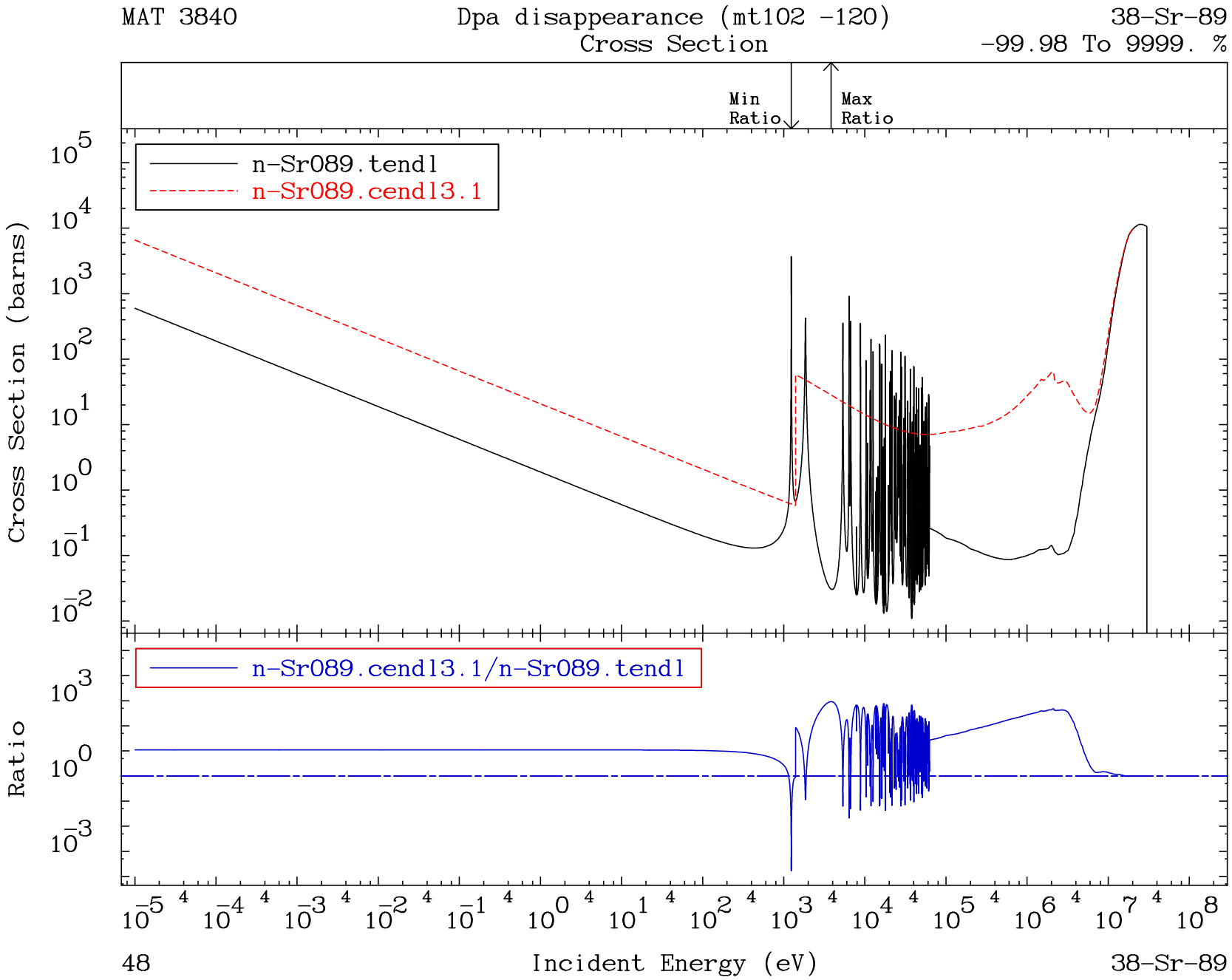

MAT 3840
Total photon (eV-barns)
Cross Section
38-Sr-89
-100.0 To 6794. %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (Giga-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
10^3
10^0
10^-3
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
43
Incident Energy (eV)
38-Sr-89


MAT 3840
Total kinematic kerma (high limit)
Cross Section
38-Sr-89
-100.0 To 4.043 %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
44
38-Sr-89


MAT 3840
Dpa total (eV-barns)
Cross Section
38-Sr-89
-98.05 To 1597. %
Max Ratio
Min Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
45
38-Sr-89


MAT 3840
Dpa elastic (mt2)
Cross Section
38-Sr-89
-98.21 To 402.7 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 593.75 eV
n-Sr089.cendl3.1 Threshold 562.50 eV
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
46
38-Sr-89


MAT 3840
Dpa inelastic (mt51-91)
Cross Section
38-Sr-89
-4.812 To 116.9 %
Min Ratio
Max Ratio
n-Sr089.tendl Threshold 1.0437 MeV
n-Sr089.cendl3.1 Threshold 1.1000 MeV
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
47
38-Sr-89


MAT 3840
Dpa disappearance (mt102 -120)
Cross Section
38-Sr-89
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Sr089.tendl
n-Sr089.cendl3.1
Cross Section (barns)
n-Sr089.cendl3.1/n-Sr089.tendl
Ratio
Incident Energy (eV)
48
38-Sr-89