Program Complot
(Version 2021-1)
by
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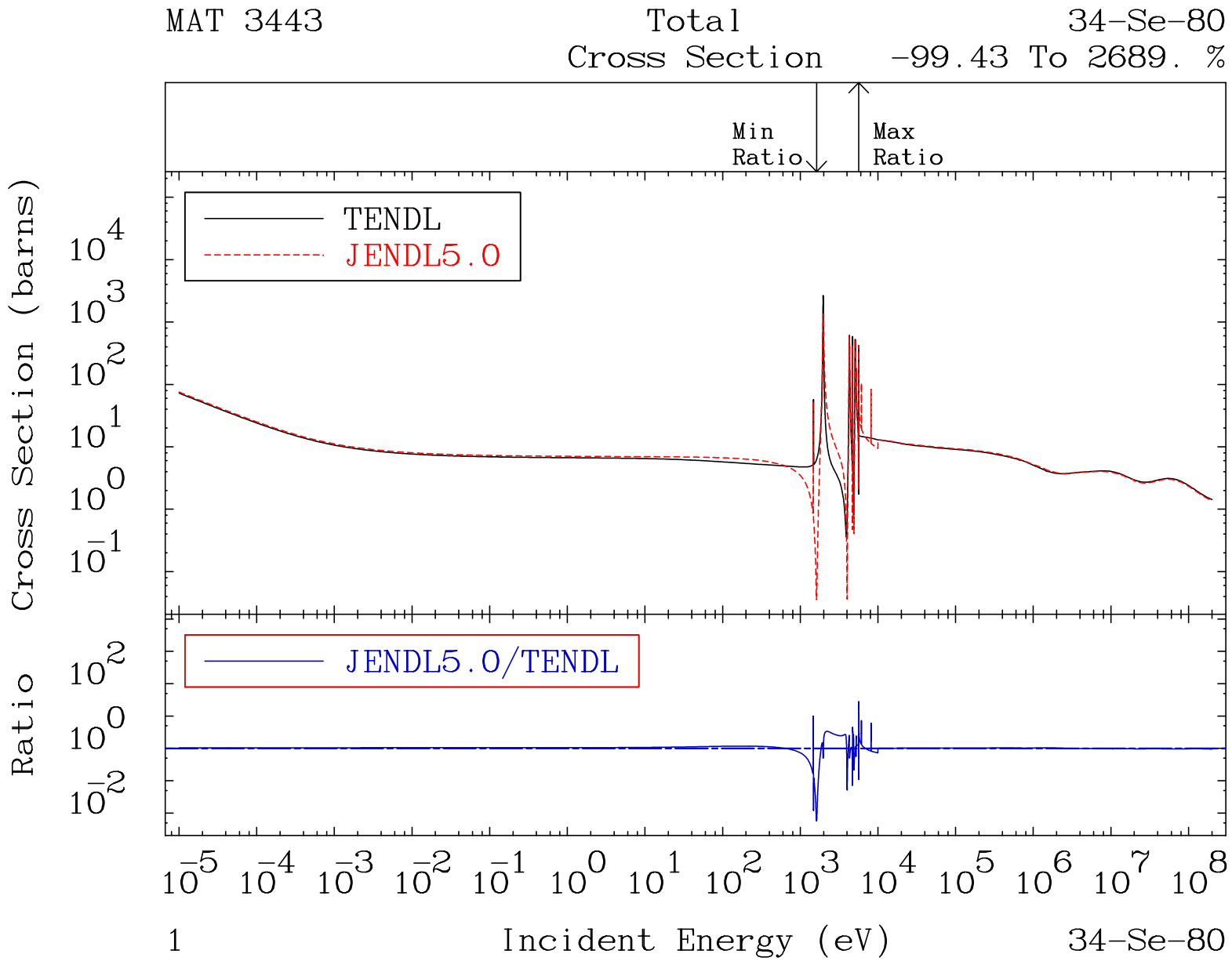
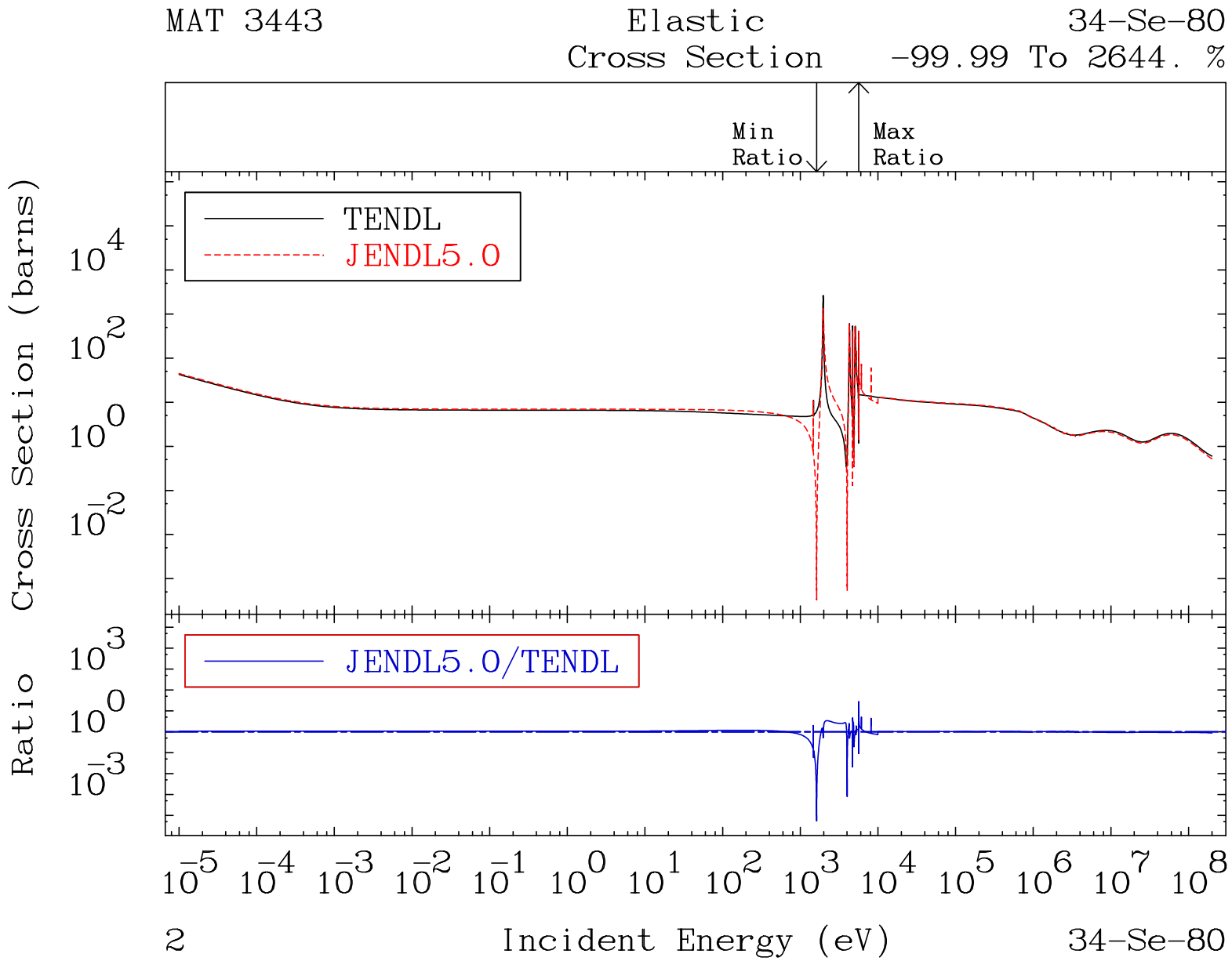
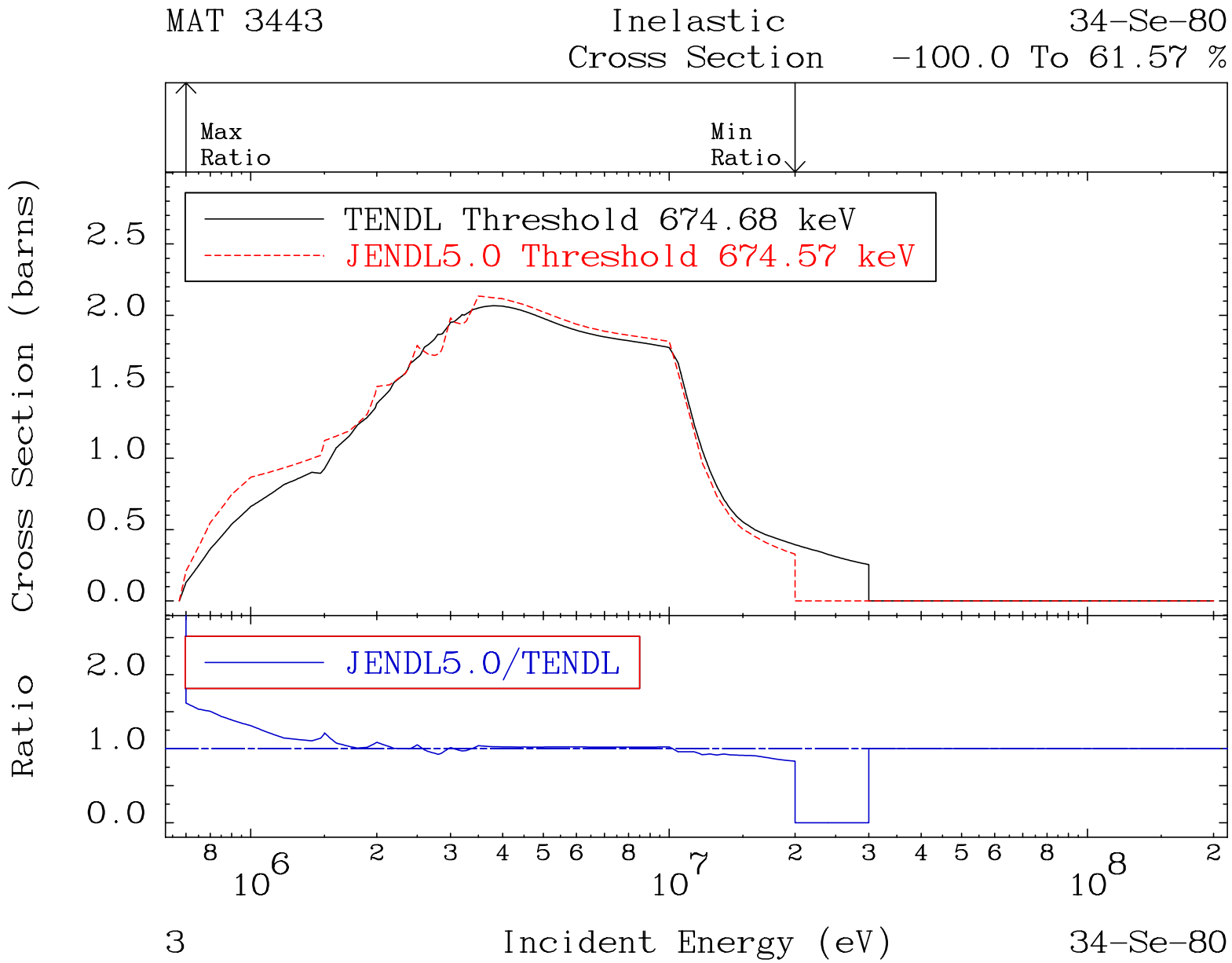
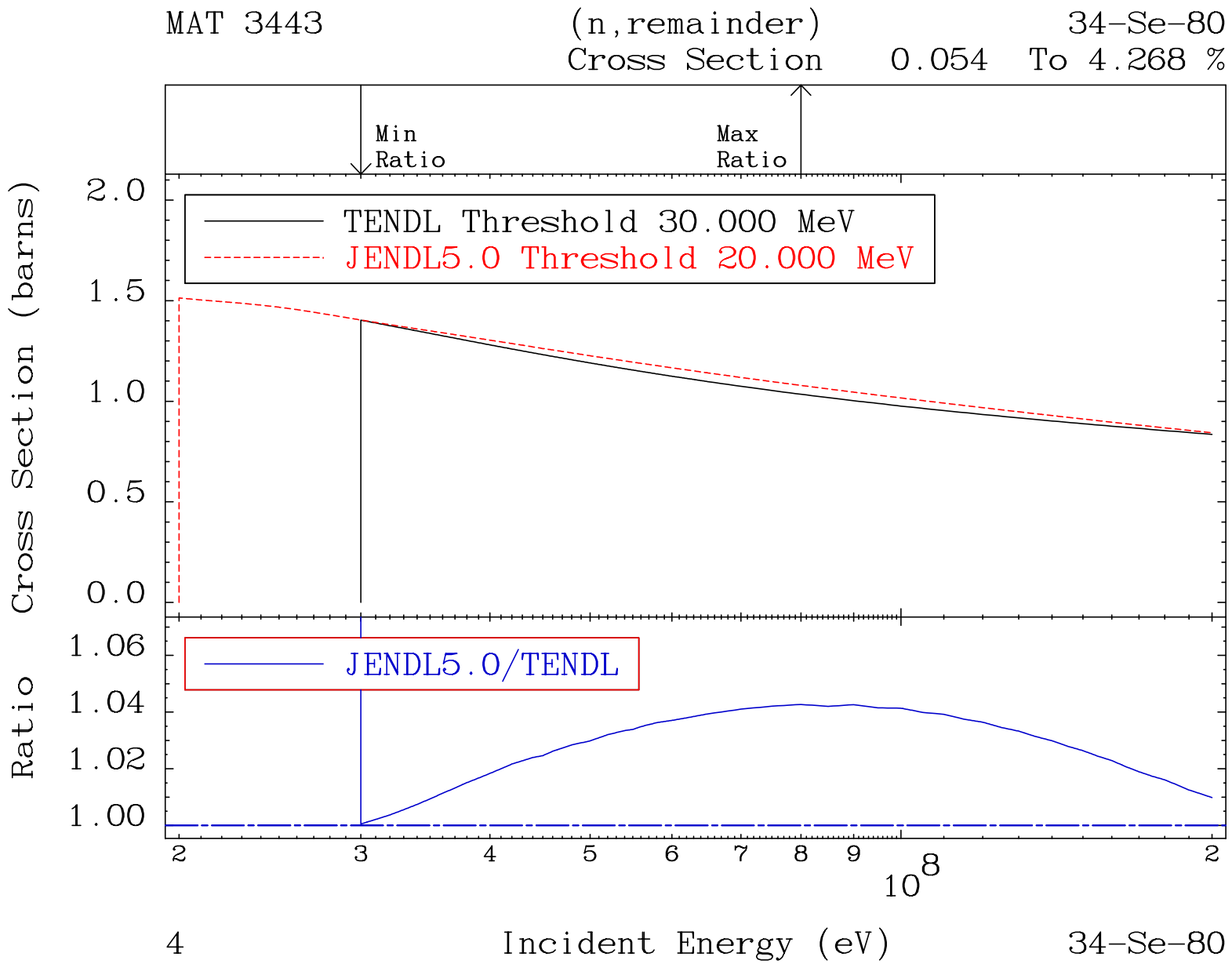
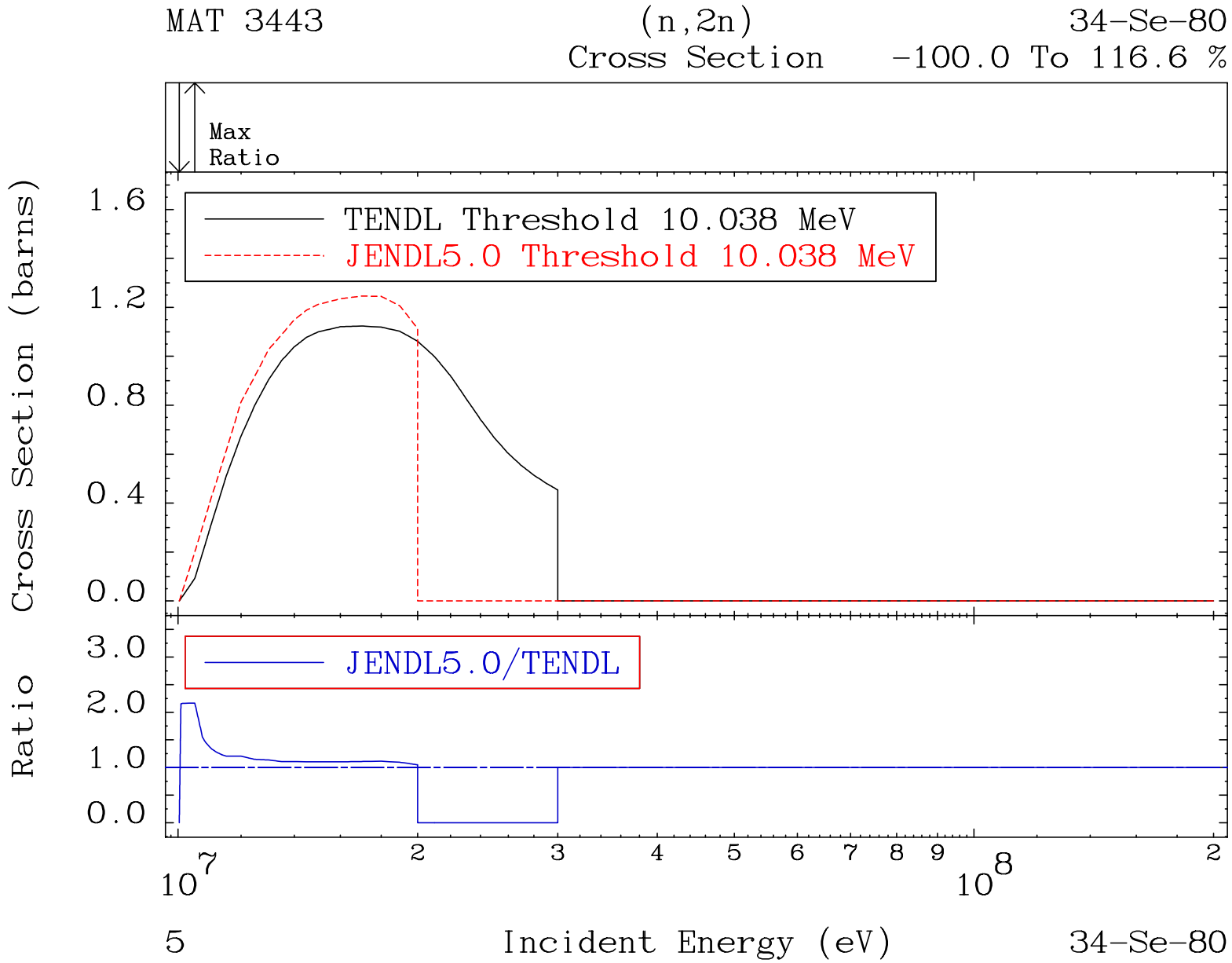
Press Mouse Button to Start

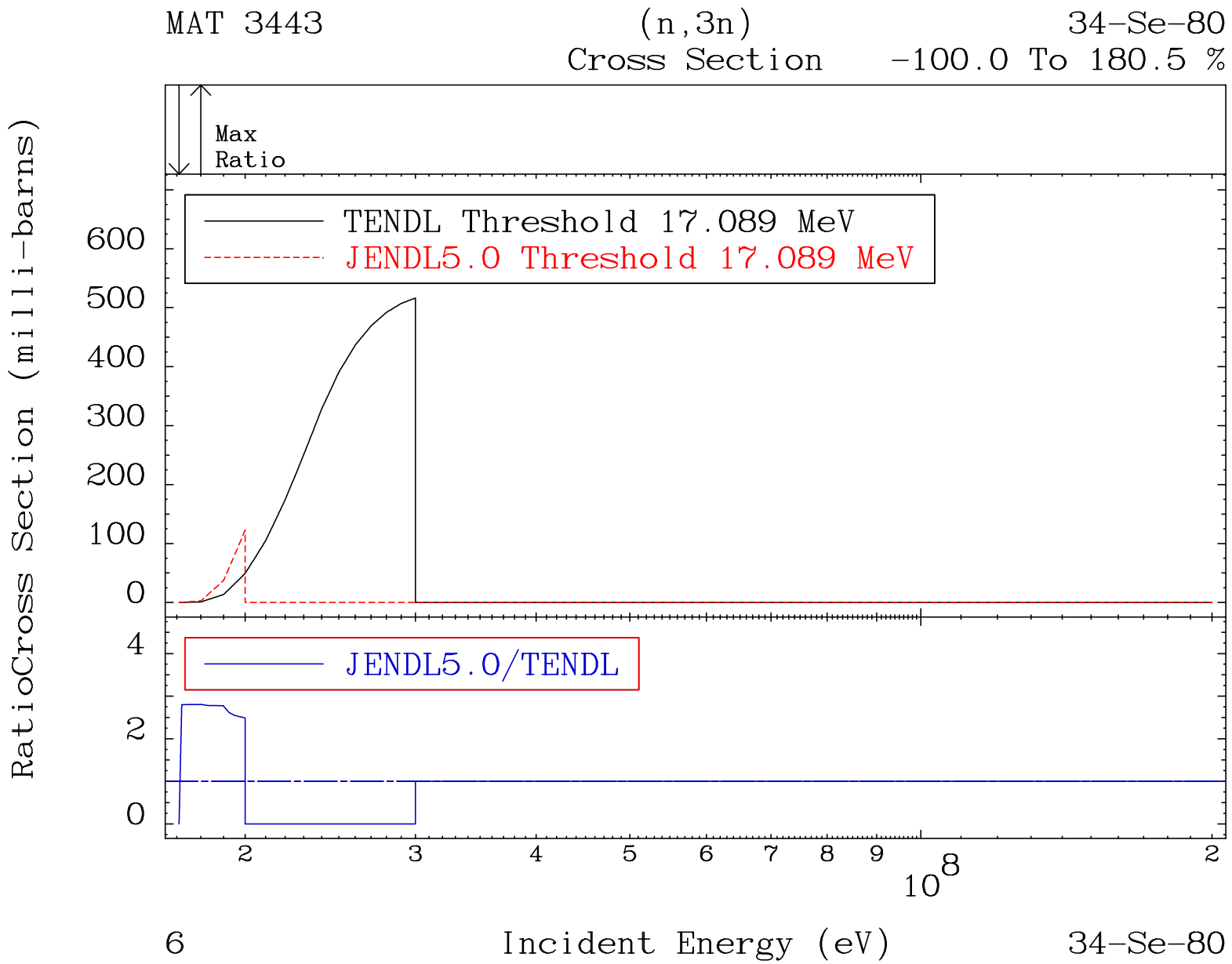

MAT 3443
Total
Cross Section
34-Se-80
-99.43 To 2689. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
1
34-Se-80

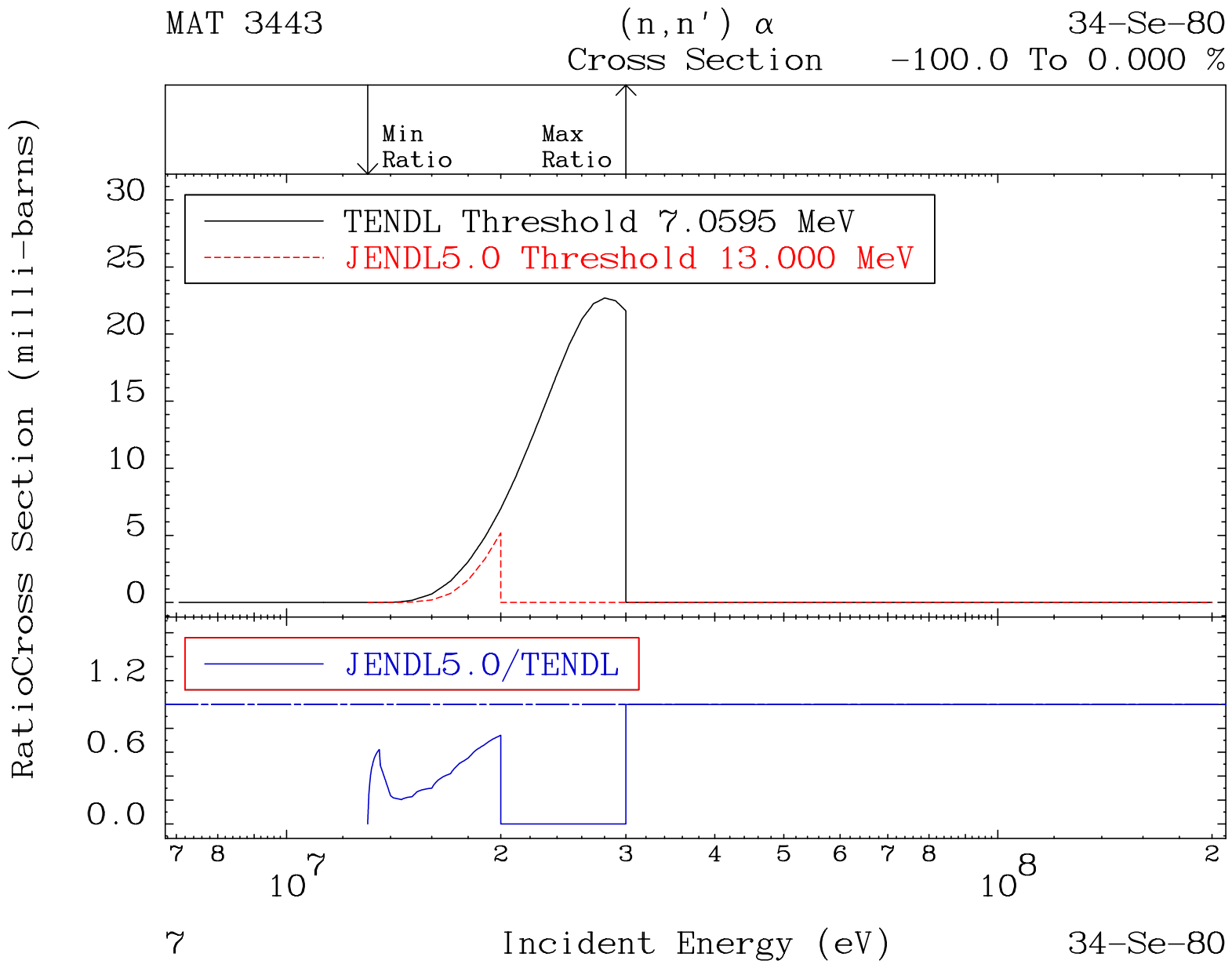

MAT 3443
Elastic
Cross Section
34-Se-80
-99.99 To 2644. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
34-Se-80

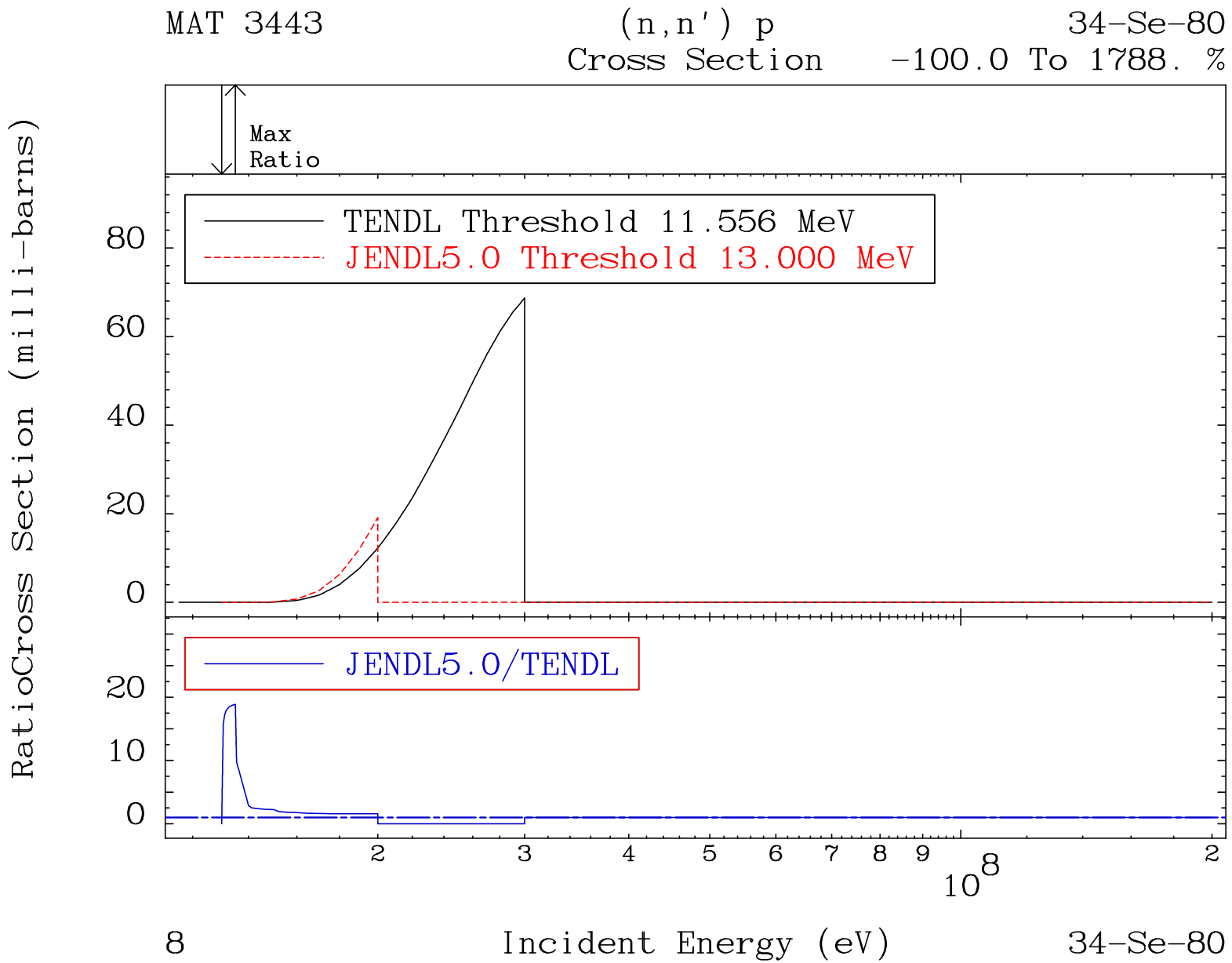

MAT 3443
Inelastic
Cross Section
34-Se-80
-100.0 To 61.57 %
Max
Ratio
Min
Ratio
TENDL Threshold 674.68 keV
JENDL5.0 Threshold 674.57 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
2.5
2.0
1.5
1.0
0.5
0.0
8
2
3
4
5
6
8
10^6
10^7
10^8
Incident Energy (eV)
3
34-Se-80

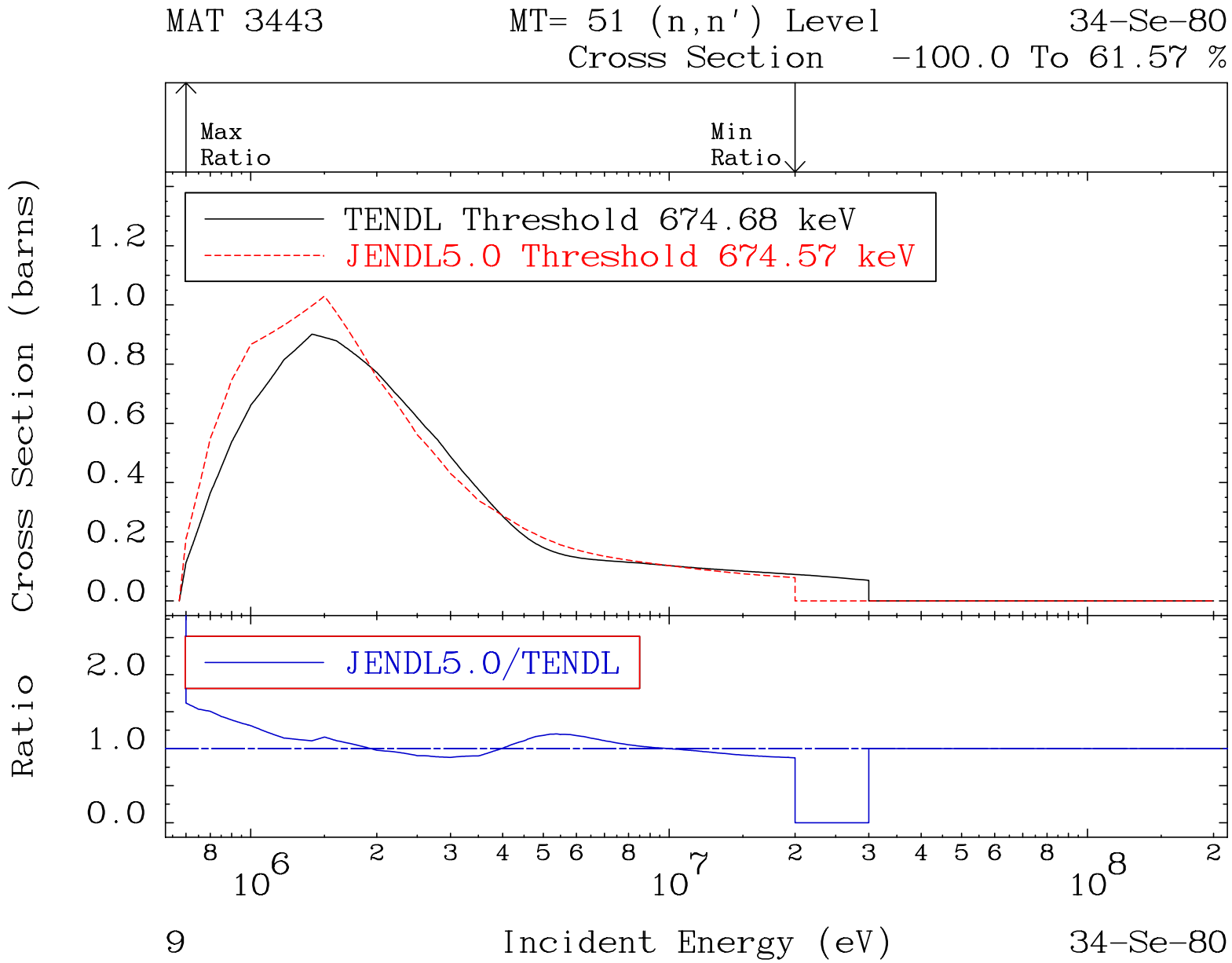

MAT 3443
(n,remainder)
34-Se-80
Cross Section
0.054 To 4.268 %
Min Ratio
Max Ratio
TENDL Threshold 30.000 MeV
JENDL5.0 Threshold 20.000 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
1.06
1.04
1.02
1.00
2
3
4
5
6
7
8
9
2
10^8
4
Incident Energy (eV)
34-Se-80

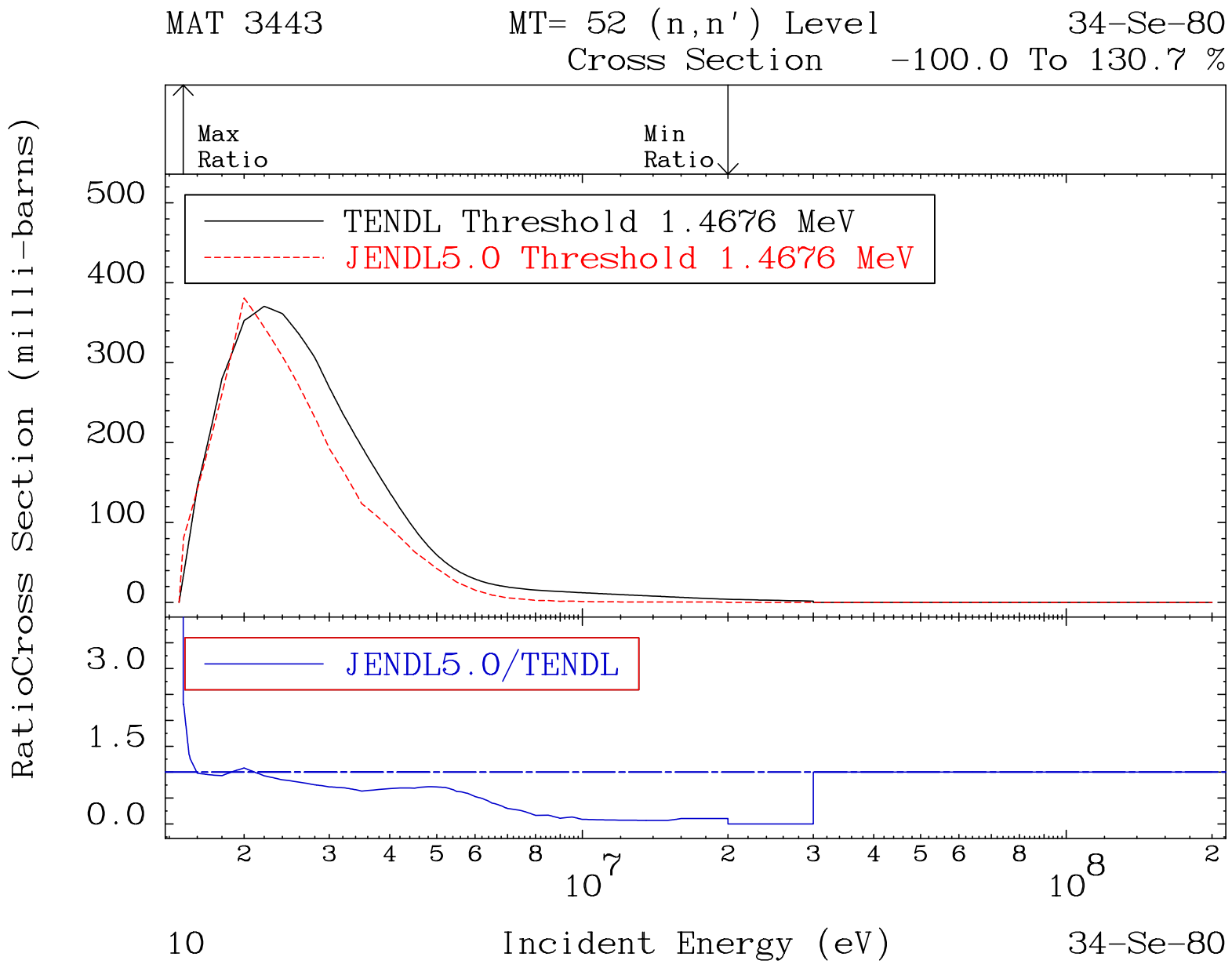

MAT 3443
(n,2n)
Cross Section
34-Se-80
-100.0 To 116.6 %
Max
Ratio
TENDL Threshold 10.038 MeV
JENDL5.0 Threshold 10.038 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.6
1.2
0.8
0.4
0.0
3.0
2.0
1.0
0.0
10^7
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
34-Se-80

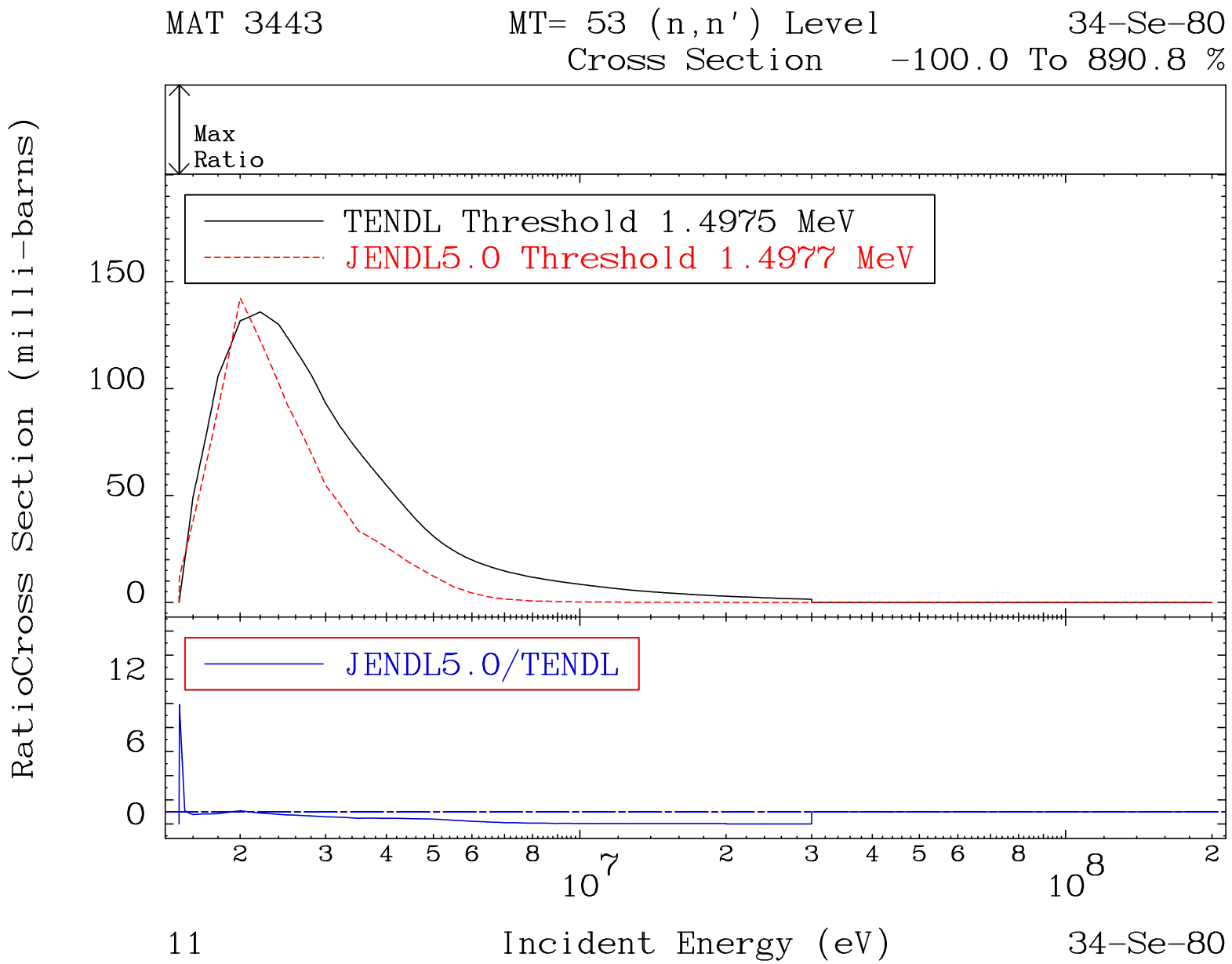

MAT 3443
(n,3n)
34-Se-80
Cross Section
-100.0 To 180.5 %
Max
Ratio
TENDL Threshold 17.089 MeV
JENDL5.0 Threshold 17.089 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
600
500
400
300
200
100
0
4
2
0
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
34-Se-80

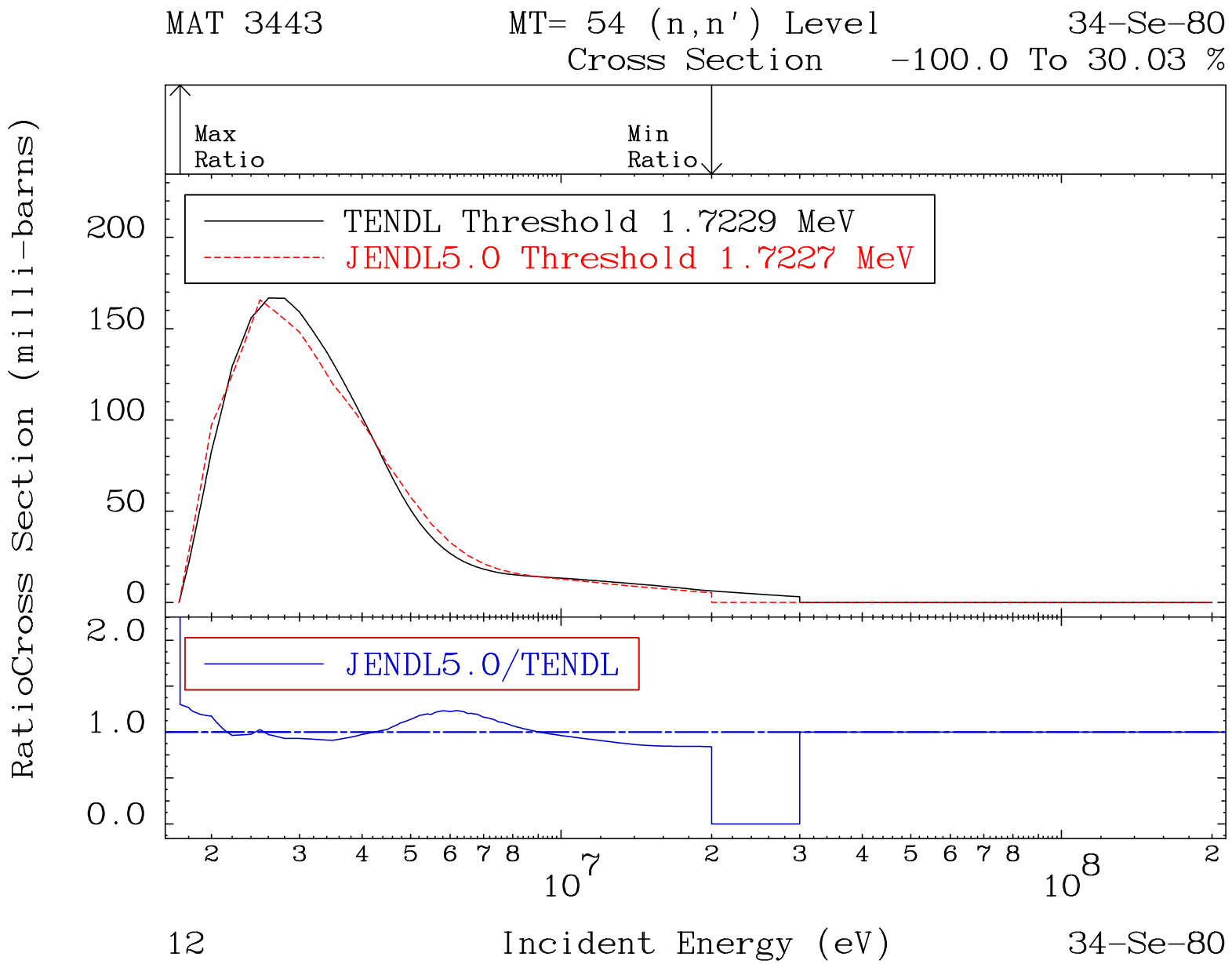

MAT 3443
(n,n') α
Cross Section
34-Se-80
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 7.0595 MeV
JENDL5.0 Threshold 13.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
34-Se-80

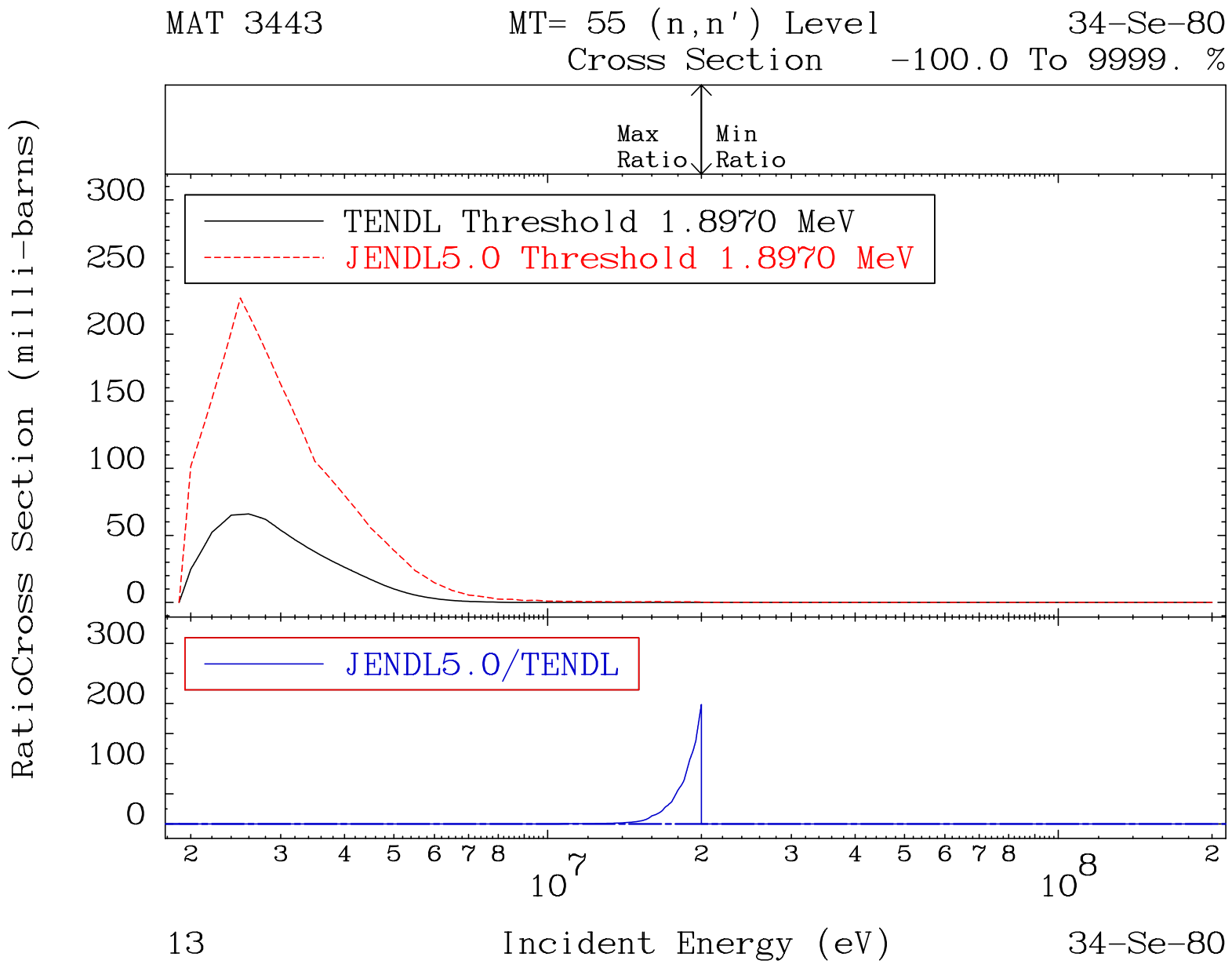

MAT 3443
(n,n') p
Cross Section
34-Se-80
-100.0 To 1788. %
Max
Ratio
TENDL Threshold 11.556 MeV
JENDL5.0 Threshold 13.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
20
10
0
2
3
4
5
6
7
8
9
2
10^8
8
Incident Energy (eV)
34-Se-80

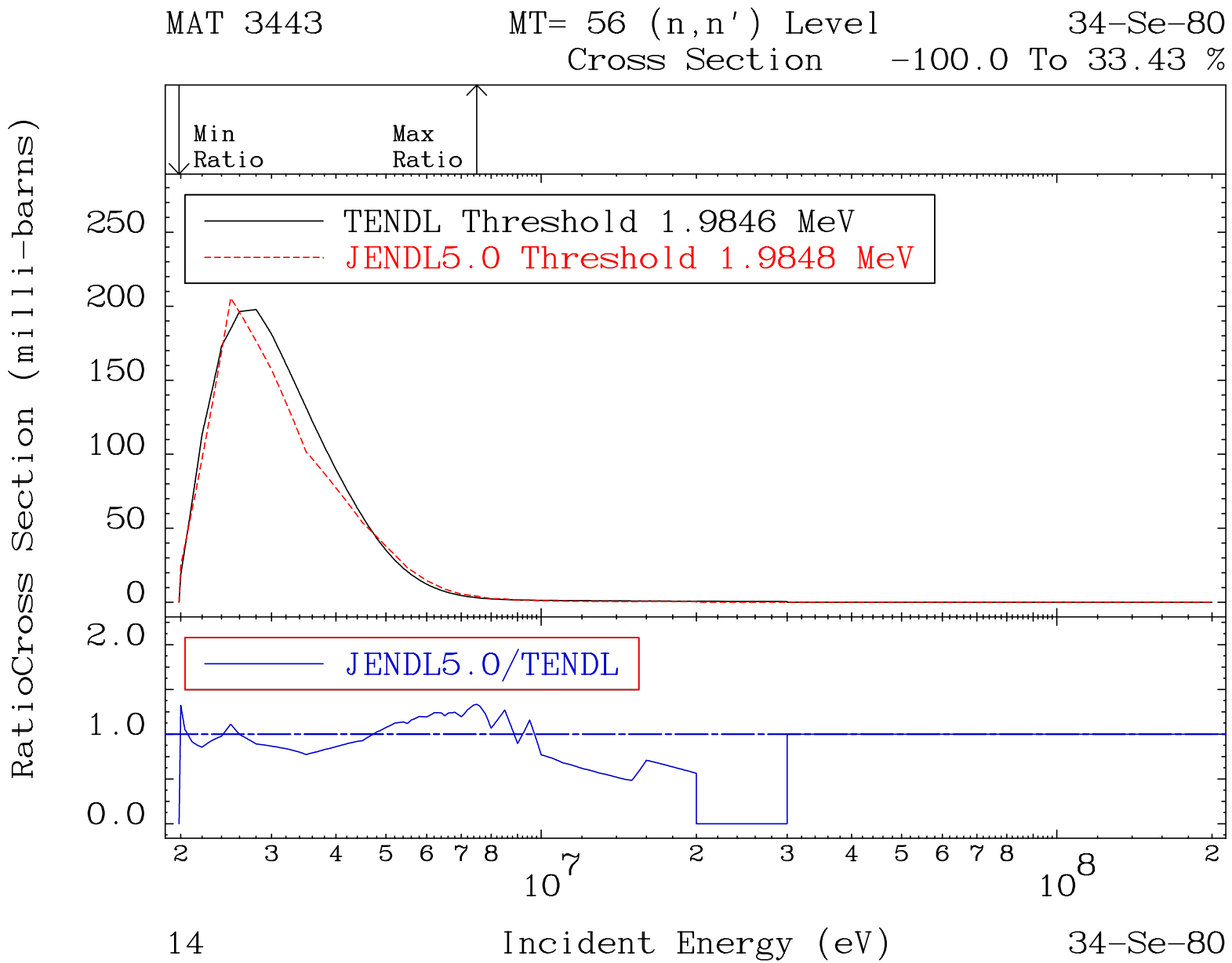

MAT 3443
MT= 51 (n,n') Level
34-Se-80
Cross Section
-100.0 To 61.57 %
Max Ratio
Min Ratio
TENDL Threshold 674.68 keV
JENDL5.0 Threshold 674.57 keV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JENDL5.0/TENDL
Ratio
2.0
1.0
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
9
Incident Energy (eV)
34-Se-80

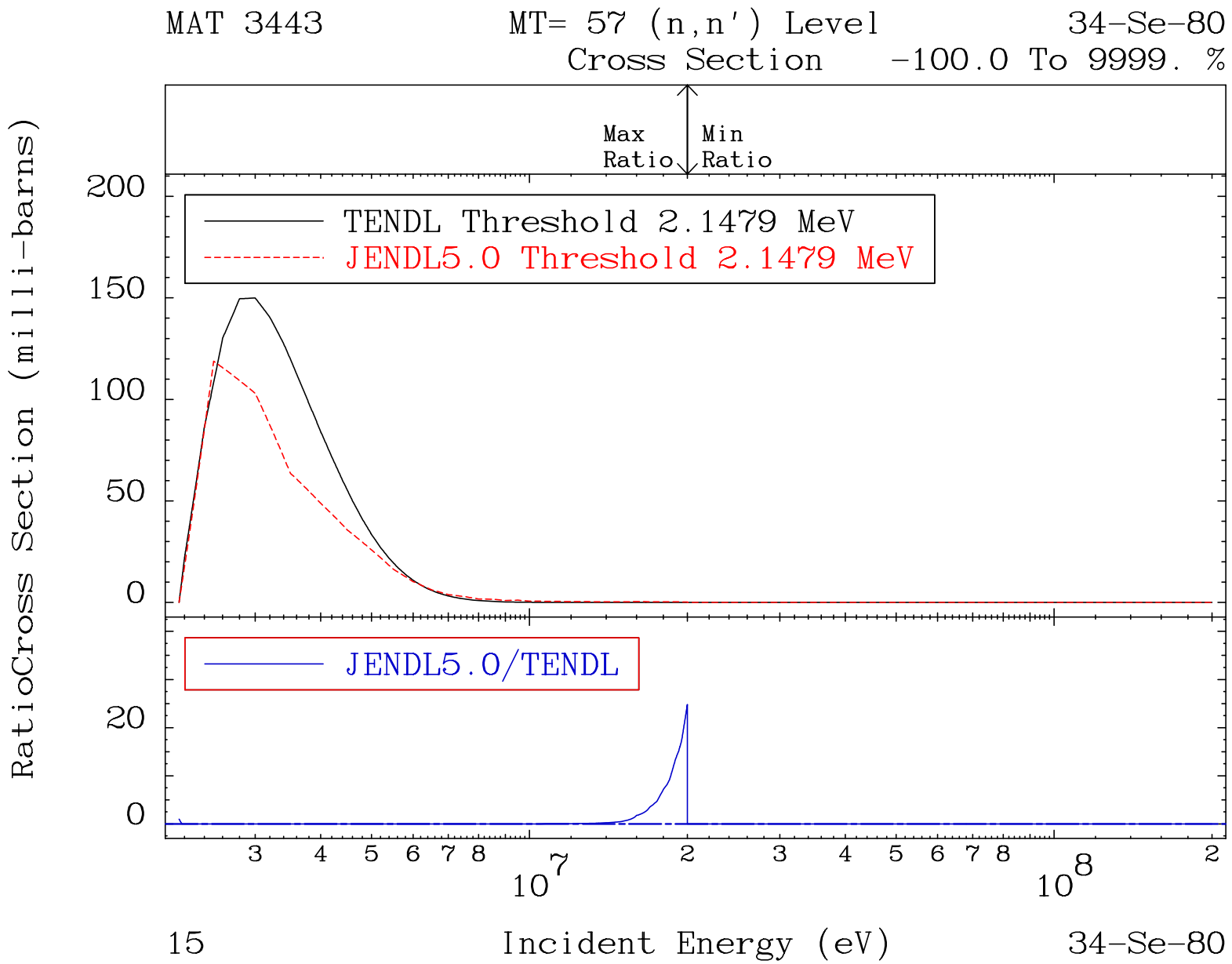

MAT 3443
MT= 52 (n,n') Level
34-Se-80
Cross Section
-100.0 To 130.7 %
Max Ratio
Min Ratio
TENDL Threshold 1.4676 MeV
JENDL5.0 Threshold 1.4676 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
3.0
1.5
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
10
Incident Energy (eV)
34-Se-80

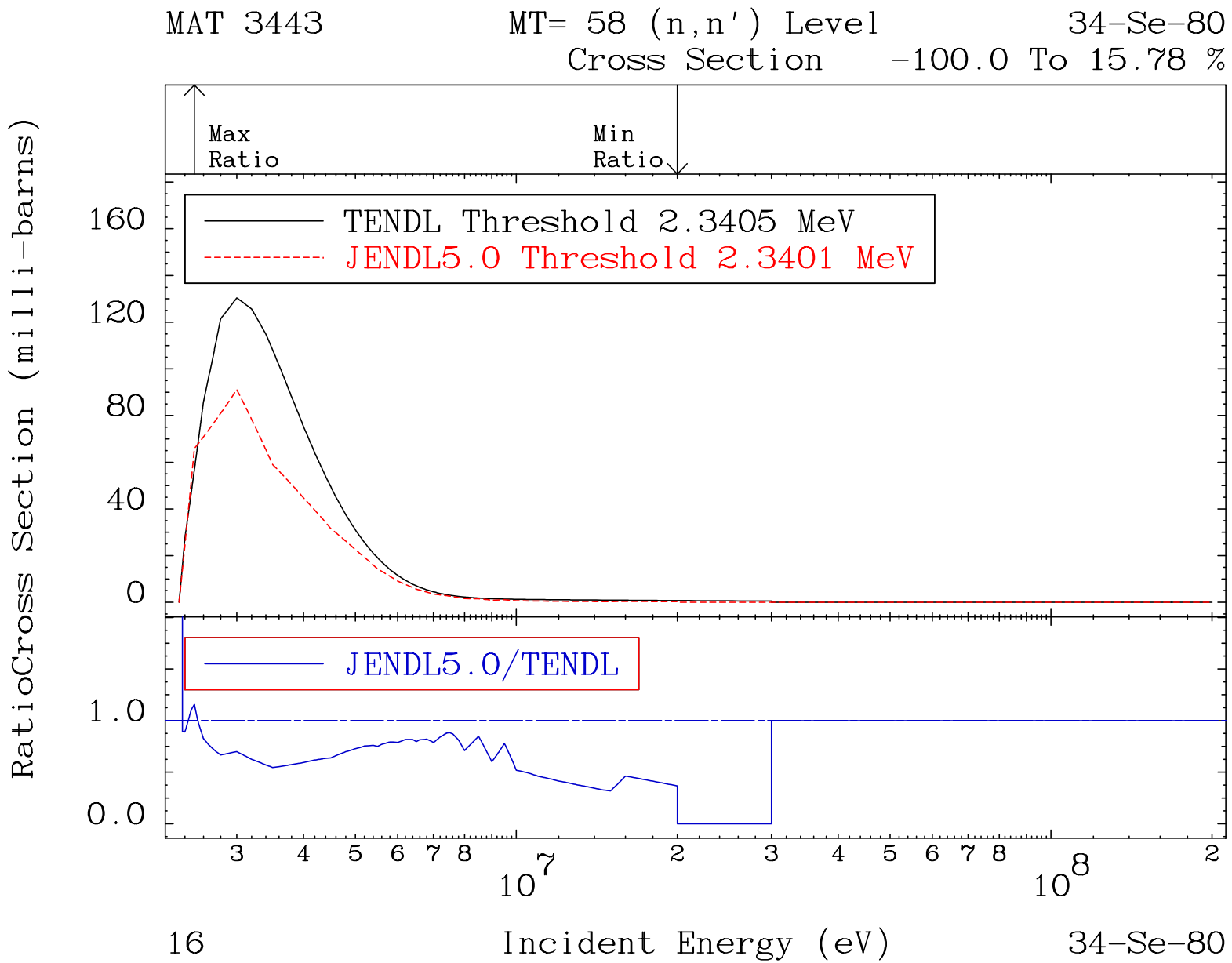

MAT 3443
MT= 53 (n,n') Level
34-Se-80
Cross Section
-100.0 To 890.8 %
Max
Ratio
TENDL Threshold 1.4975 MeV
JENDL5.0 Threshold 1.4977 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
150
100
50
0
12
6
0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
11
Incident Energy (eV)
34-Se-80

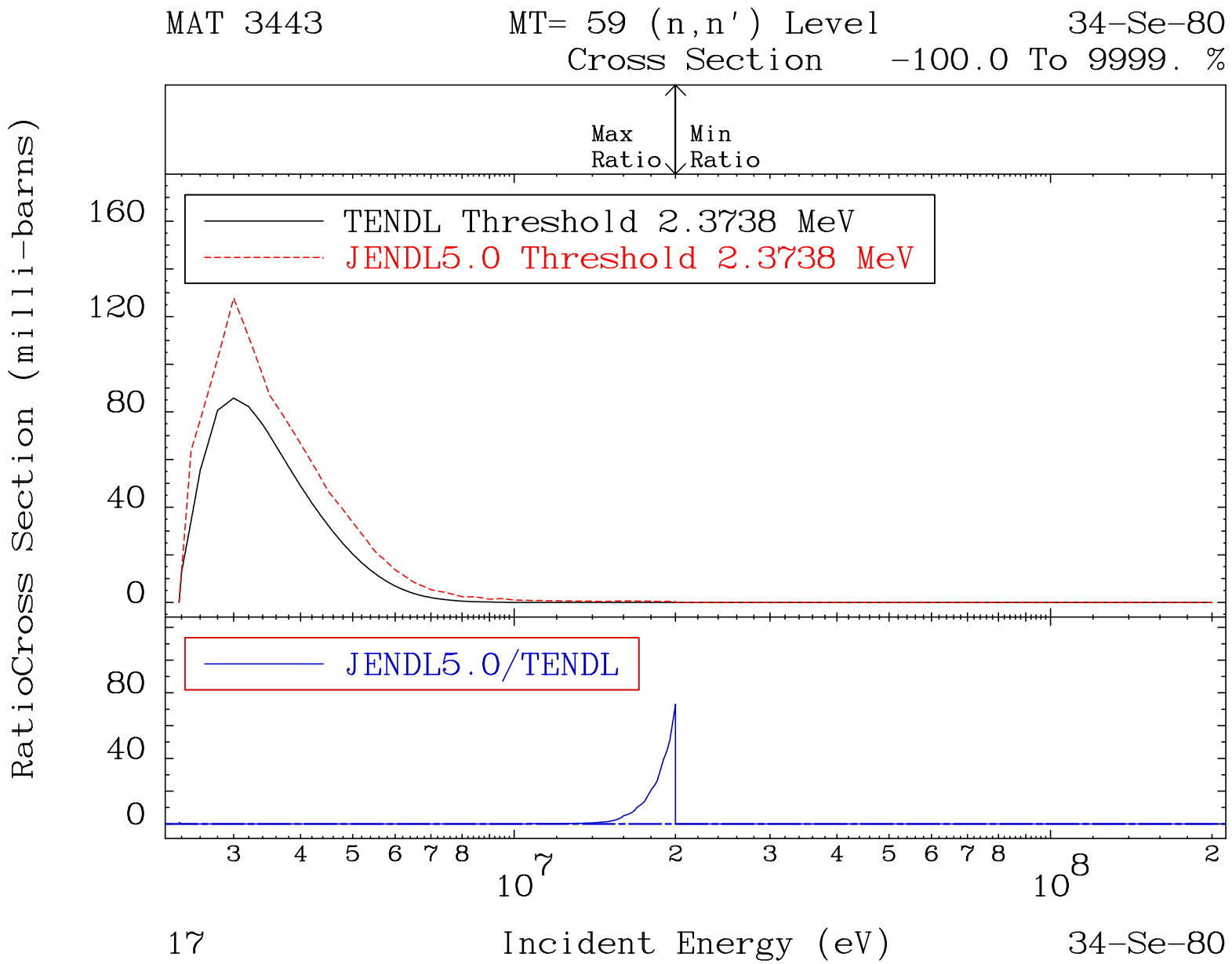

MAT 3443
MT= 54 (n,n') Level
34-Se-80
Cross Section
-100.0 To 30.03 %
Max Ratio
Min Ratio
TENDL Threshold 1.7229 MeV
JENDL5.0 Threshold 1.7227 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
2.0
1.0
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
12
Incident Energy (eV)
34-Se-80

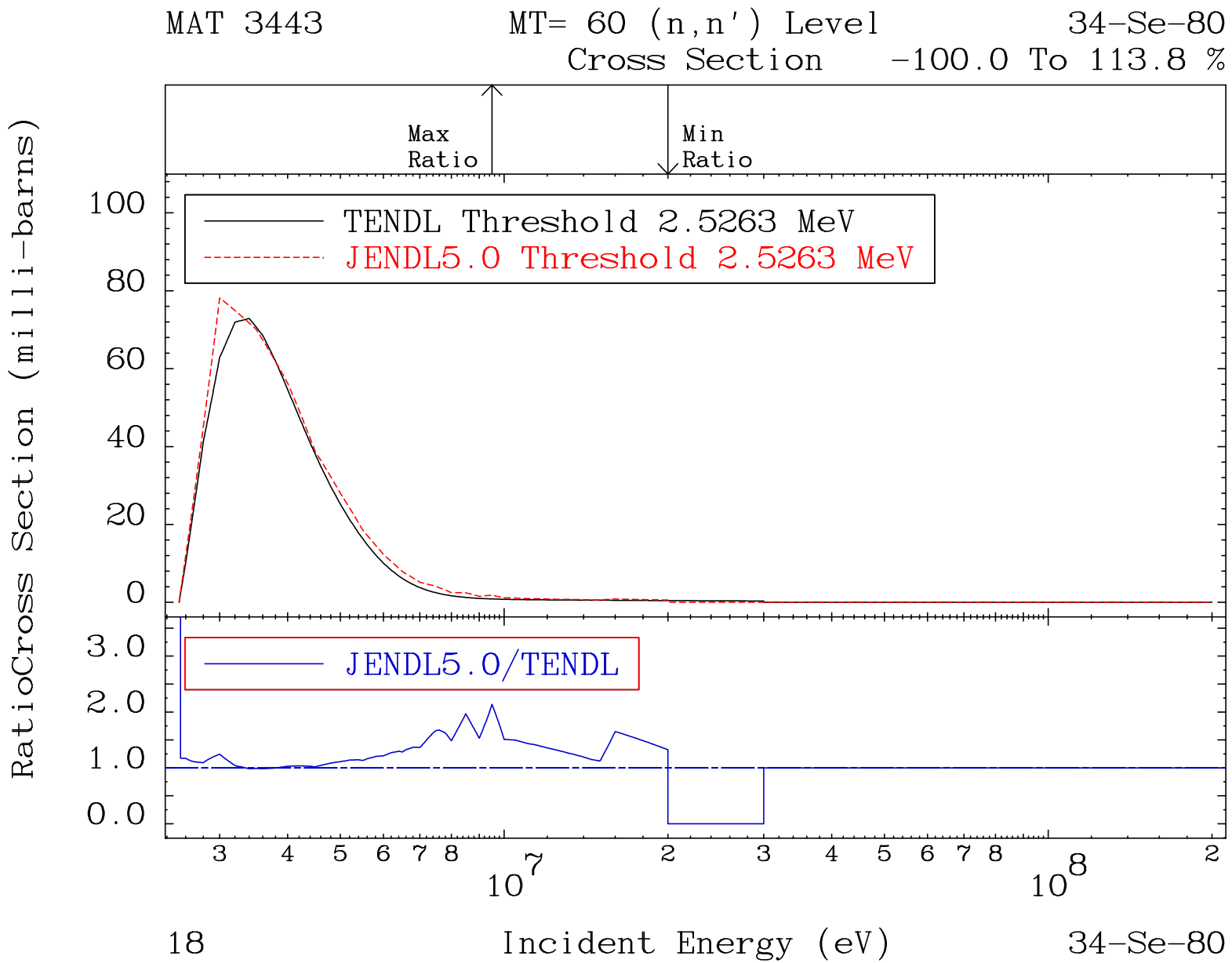

MAT 3443
MT= 55 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 1.8970 MeV
JENDL5.0 Threshold 1.8970 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
300
250
200
150
100
50
0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
13
Incident Energy (eV)
34-Se-80

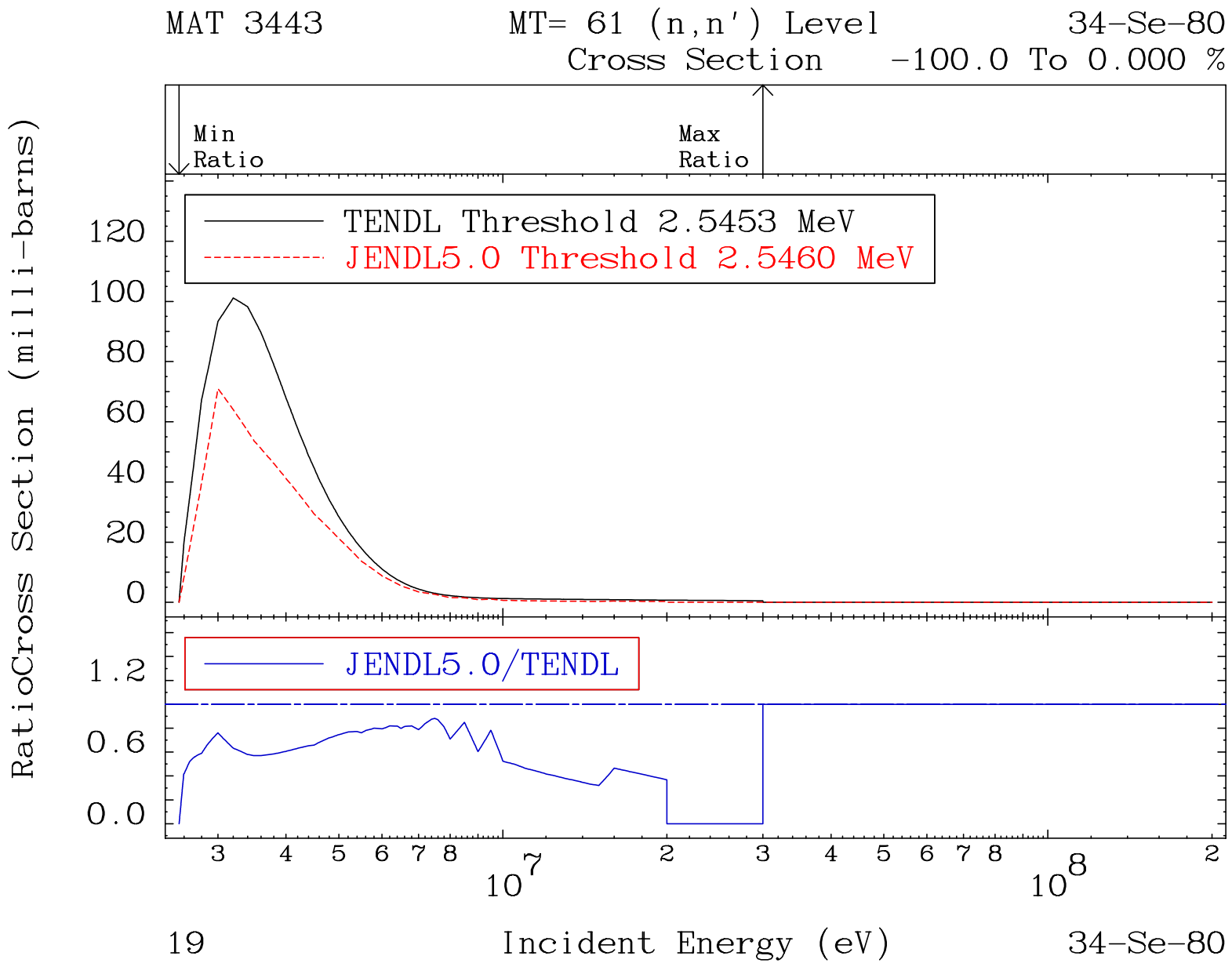

MAT 3443
MT= 56 (n,n') Level
34-Se-80
Cross Section
-100.0 To 33.43 %
Min Ratio
Max Ratio
TENDL Threshold 1.9846 MeV
JENDL5.0 Threshold 1.9848 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
2.0
1.0
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
14
Incident Energy (eV)
34-Se-80

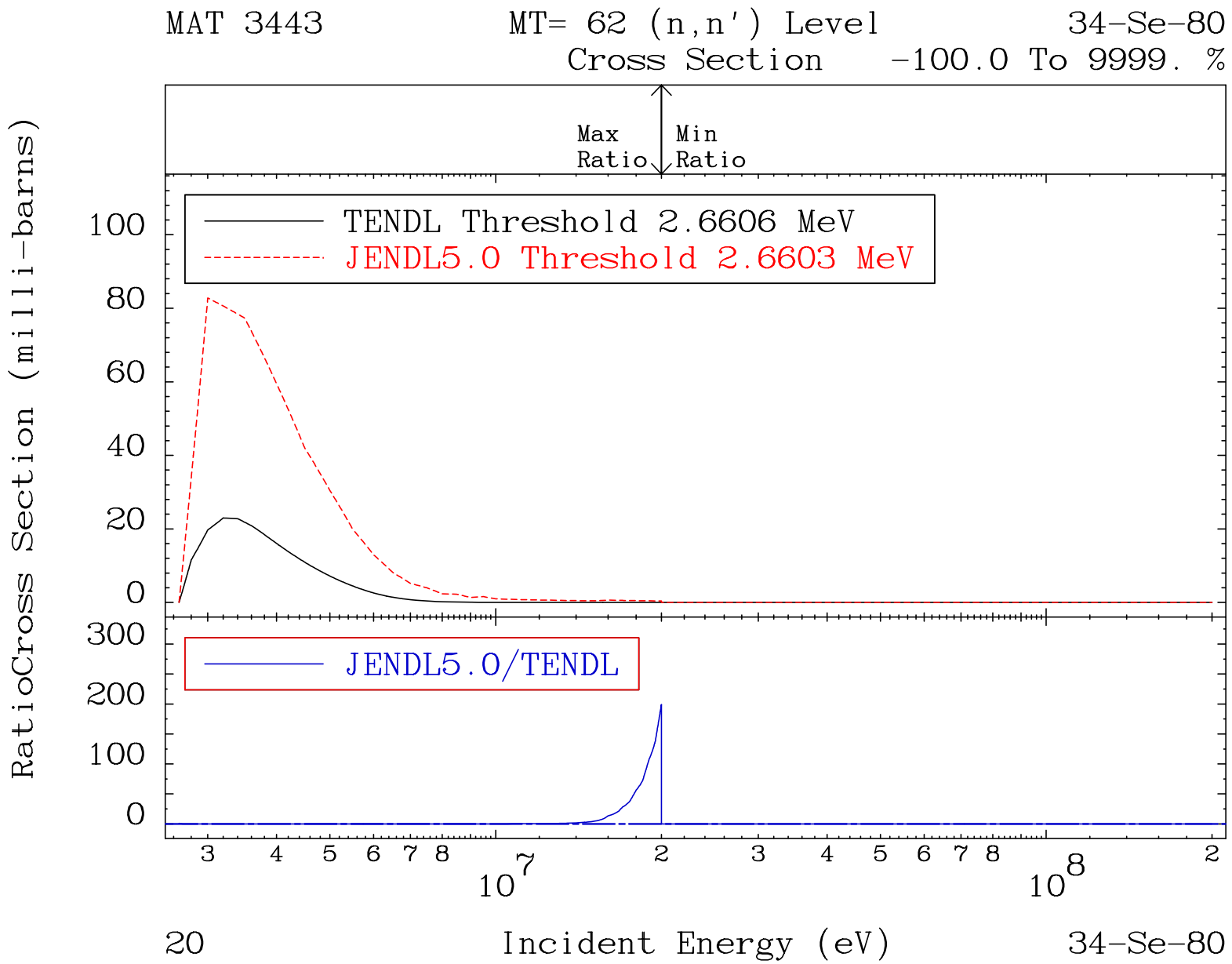

MAT 3443
MT= 57 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 2.1479 MeV
JENDL5.0 Threshold 2.1479 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
20
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
15
Incident Energy (eV)
34-Se-80

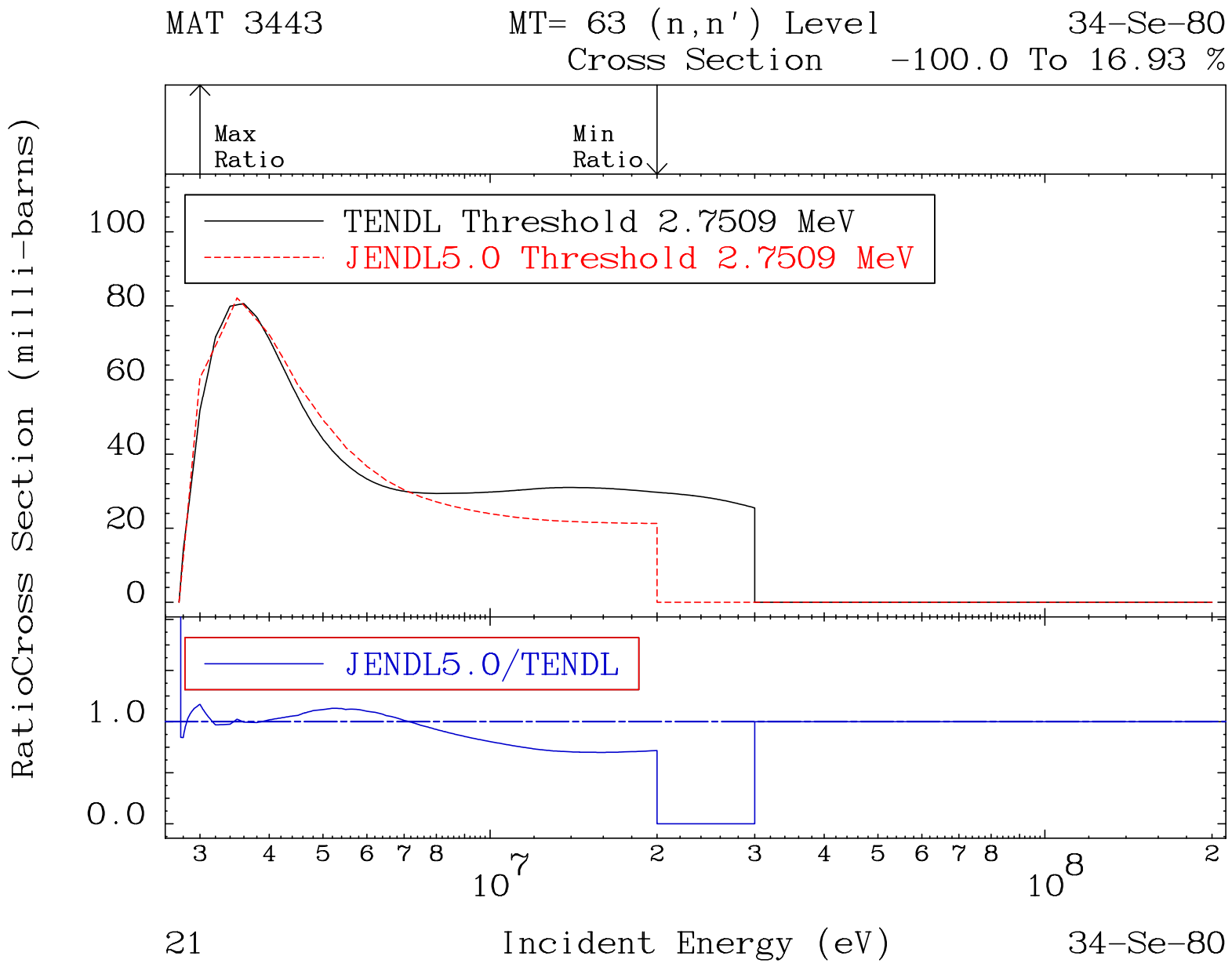

MAT 3443
MT= 58 (n,n') Level
34-Se-80
Cross Section
-100.0 To 15.78 %
Max Ratio
Min Ratio
TENDL Threshold 2.3405 MeV
JENDL5.0 Threshold 2.3401 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
16
Incident Energy (eV)
34-Se-80

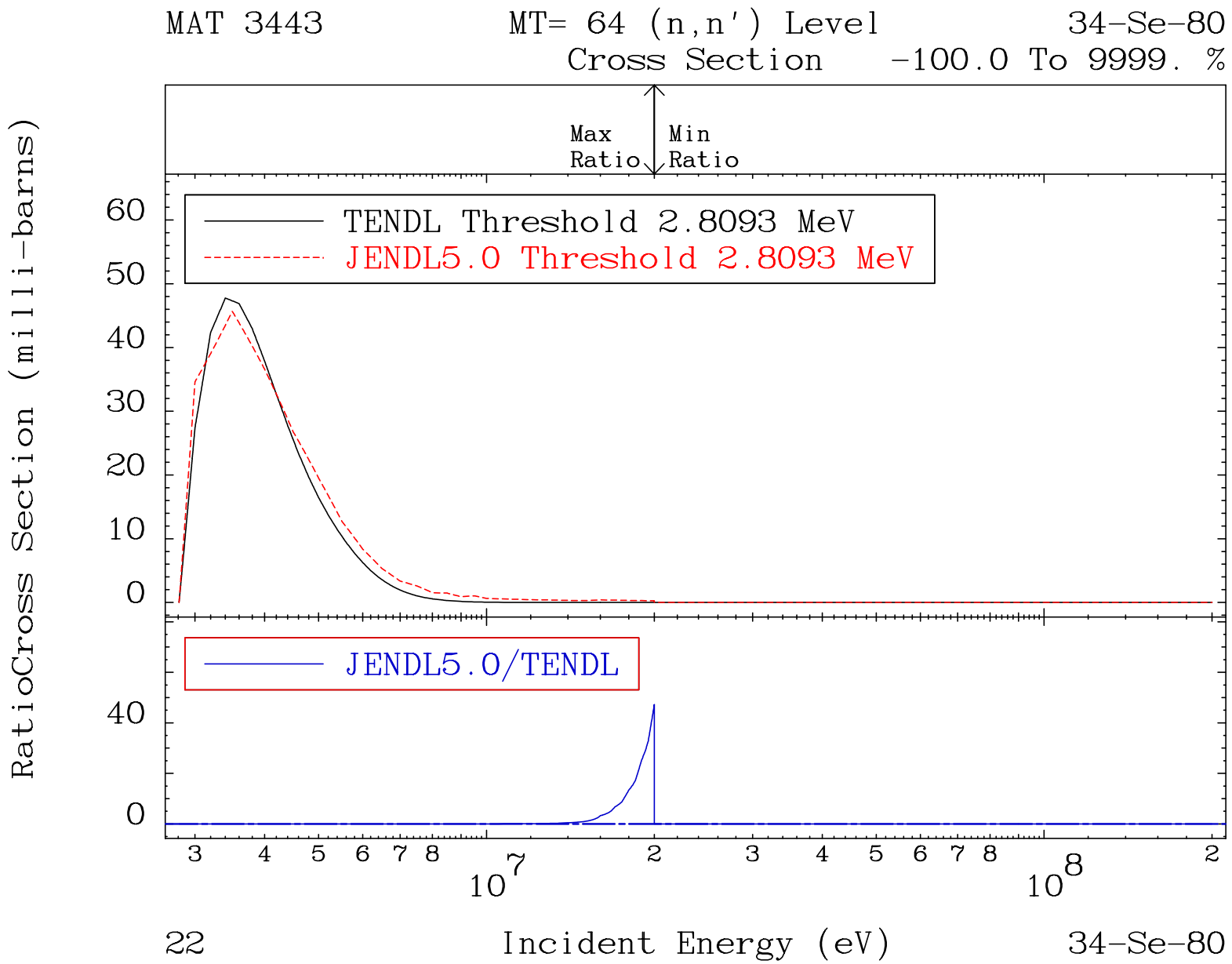

MAT 3443
MT= 59 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 2.3738 MeV
JENDL5.0 Threshold 2.3738 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
80
40
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
17
Incident Energy (eV)
34-Se-80

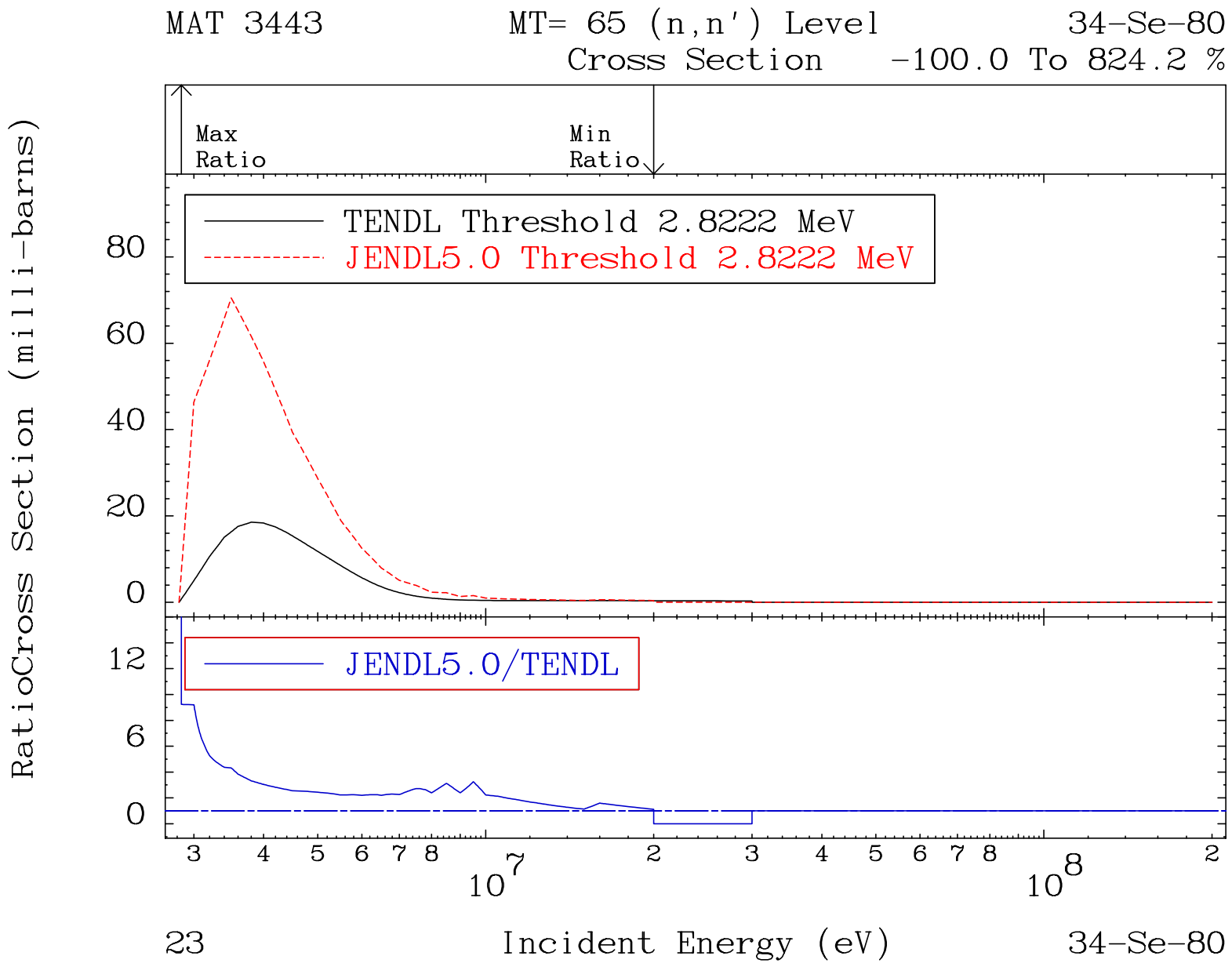

MAT 3443
MT= 60 (n,n') Level
34-Se-80
Cross Section -100.0 To 113.8 %
Max Ratio
Min Ratio
TENDL Threshold 2.5263 MeV
JENDL5.0 Threshold 2.5263 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
3.0
2.0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
18
Incident Energy (eV)
34-Se-80

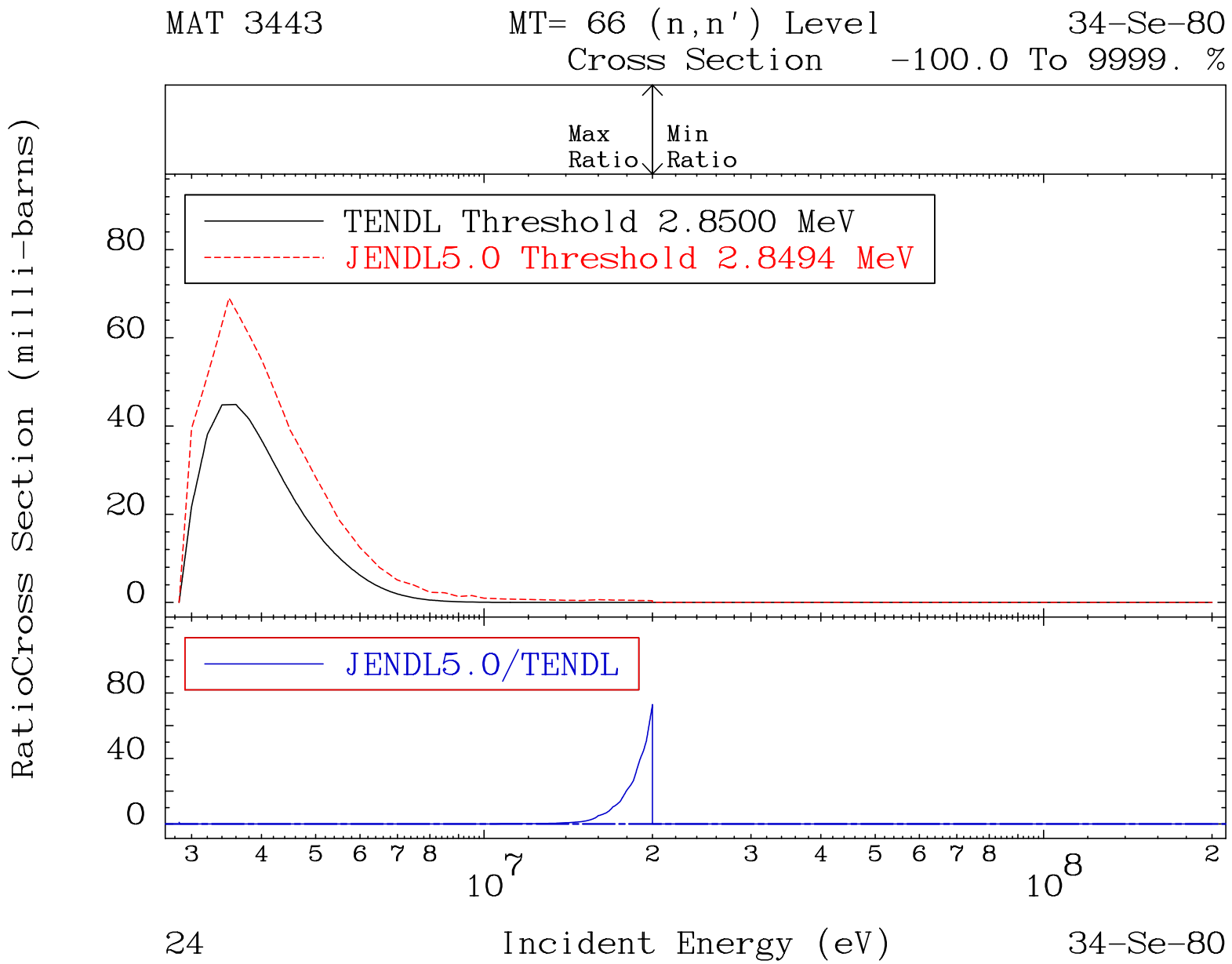

MAT 3443
MT= 61 (n,n') Level
34-Se-80
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 2.5453 MeV
JENDL5.0 Threshold 2.5460 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
19
Incident Energy (eV)
34-Se-80

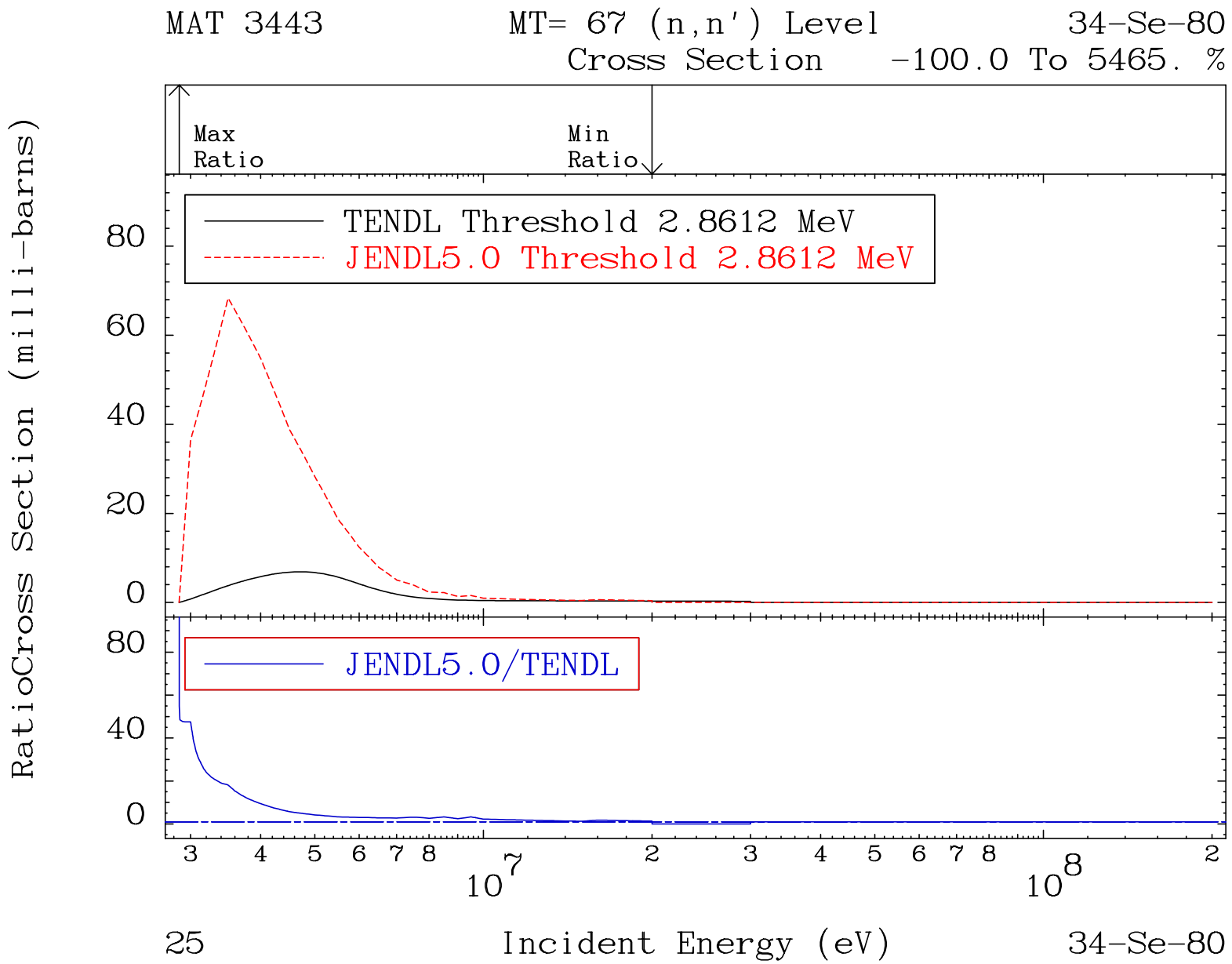

MAT 3443
MT= 62 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 2.6606 MeV
JENDL5.0 Threshold 2.6603 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
300
200
100
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
20
Incident Energy (eV)
34-Se-80

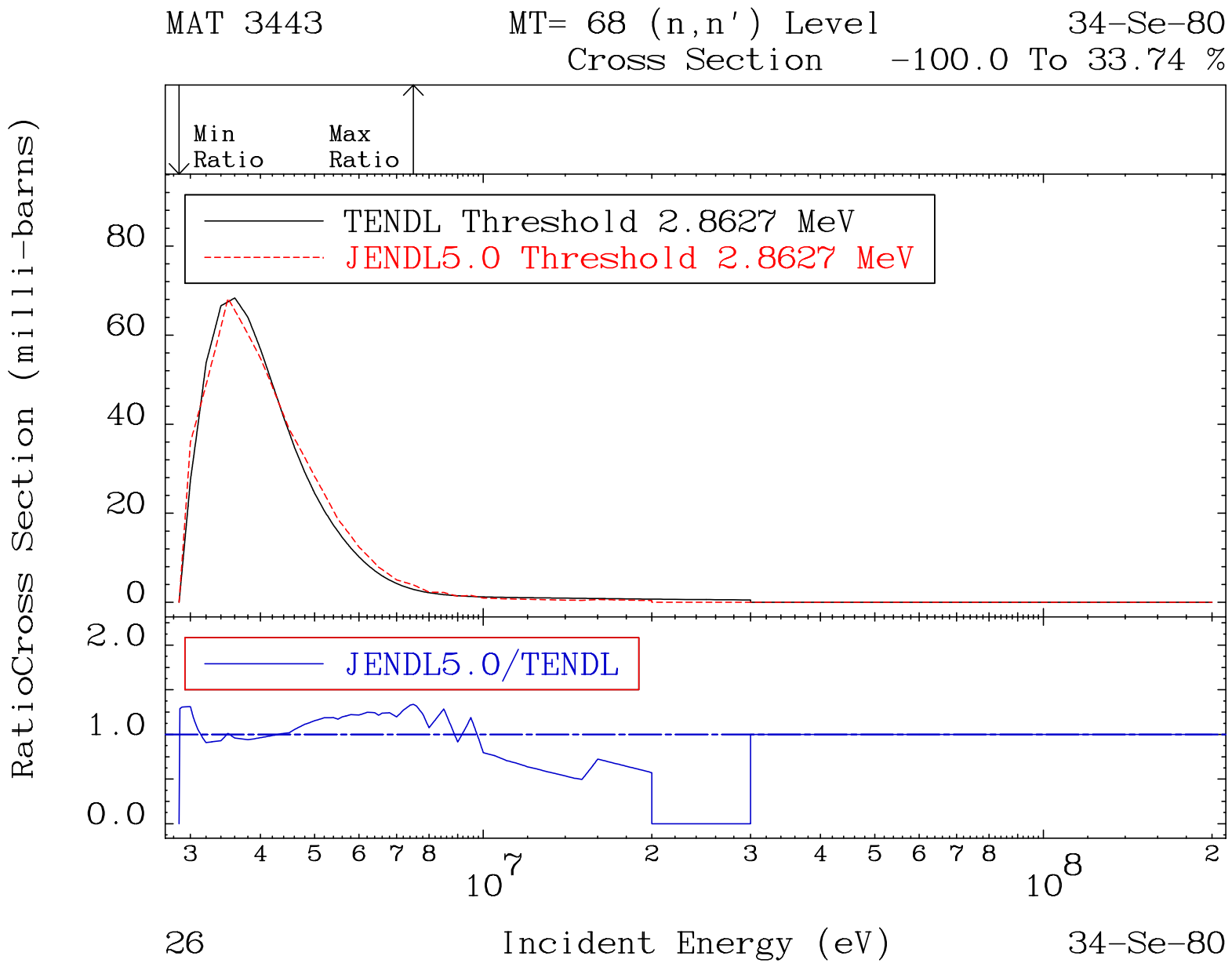

MAT 3443
MT= 63 (n,n') Level
34-Se-80
Cross Section
-100.0 To 16.93 %
Max Ratio
Min Ratio
TENDL Threshold 2.7509 MeV
JENDL5.0 Threshold 2.7509 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
21
Incident Energy (eV)
34-Se-80

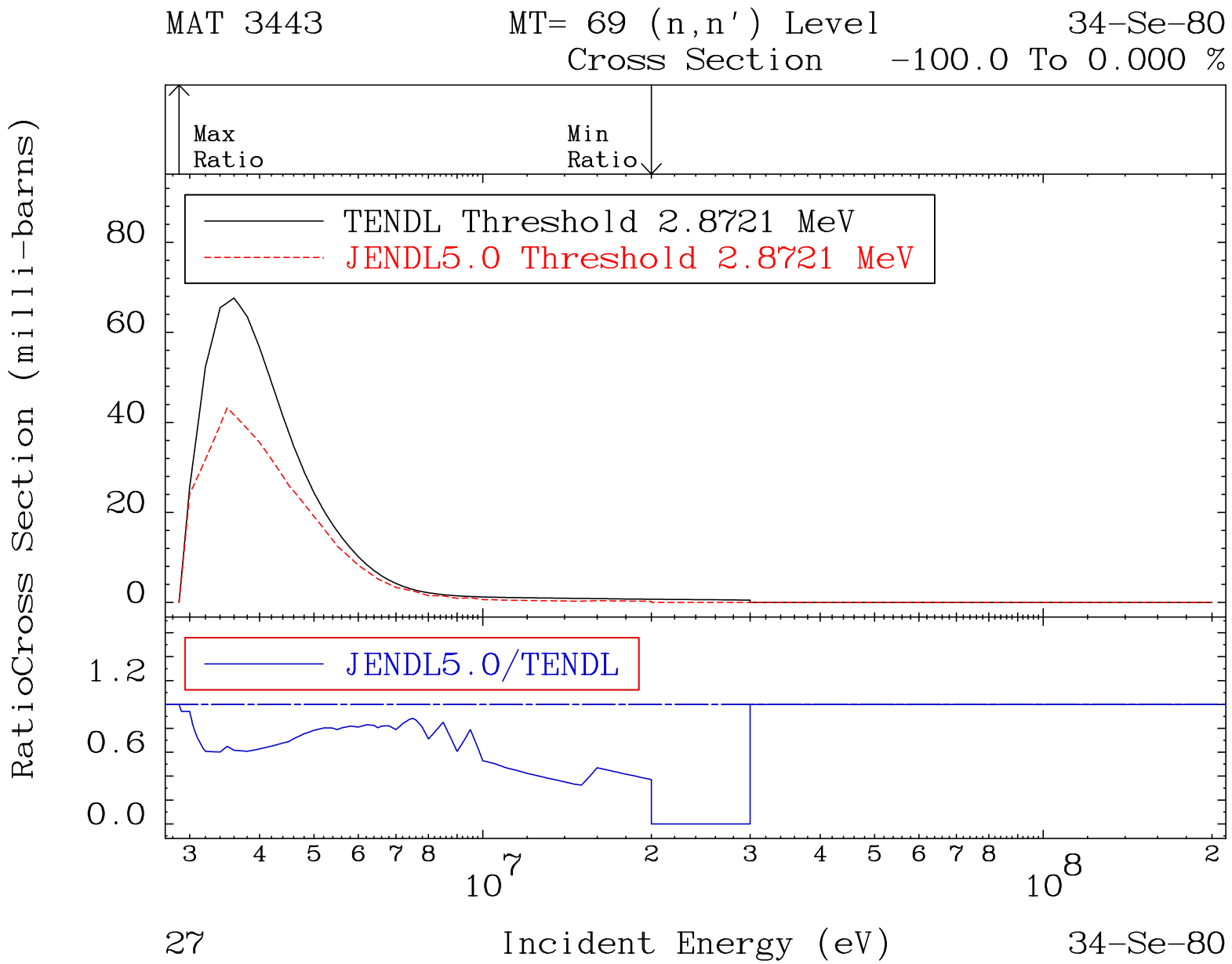

MAT 3443
MT= 64 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 2.8093 MeV
JENDL5.0 Threshold 2.8093 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
40
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
34-Se-80

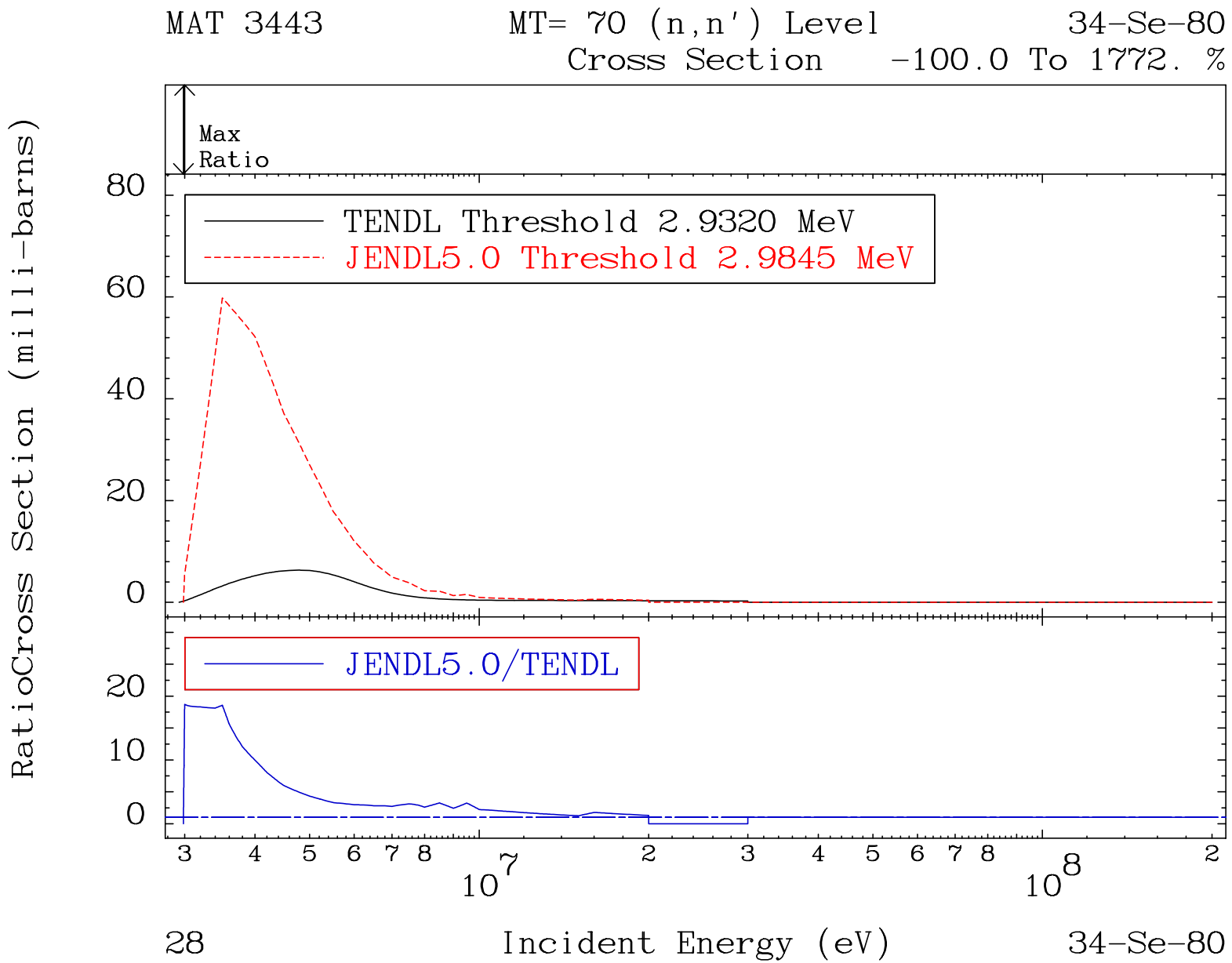

MAT 3443
MT= 65 (n,n') Level
34-Se-80
Cross Section
-100.0 To 824.2 %
Max Ratio
Min Ratio
TENDL Threshold 2.8222 MeV
JENDL5.0 Threshold 2.8222 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
12
6
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
23
Incident Energy (eV)
34-Se-80

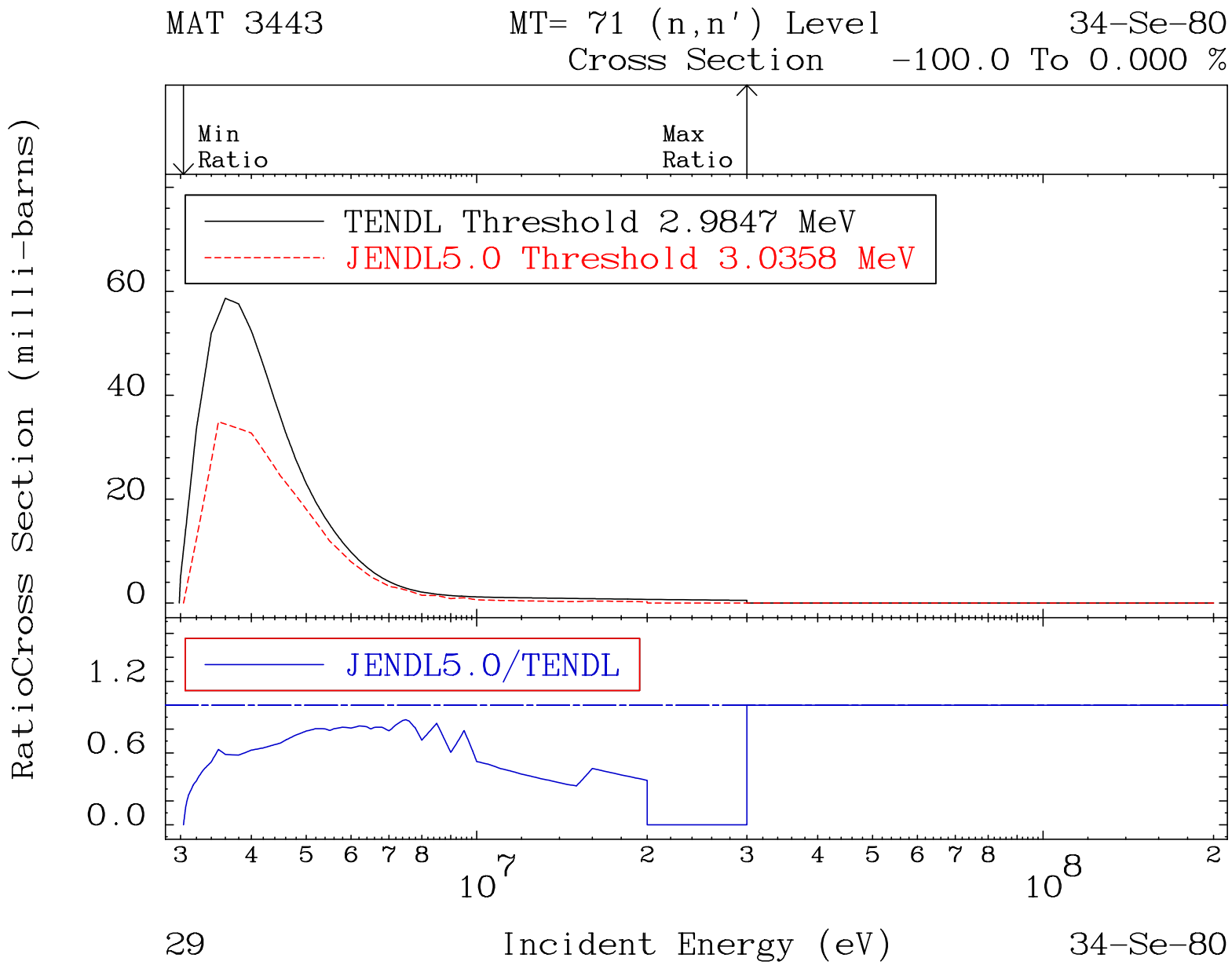

MAT 3443
MT= 66 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 2.8500 MeV
JENDL5.0 Threshold 2.8494 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
80
40
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
34-Se-80

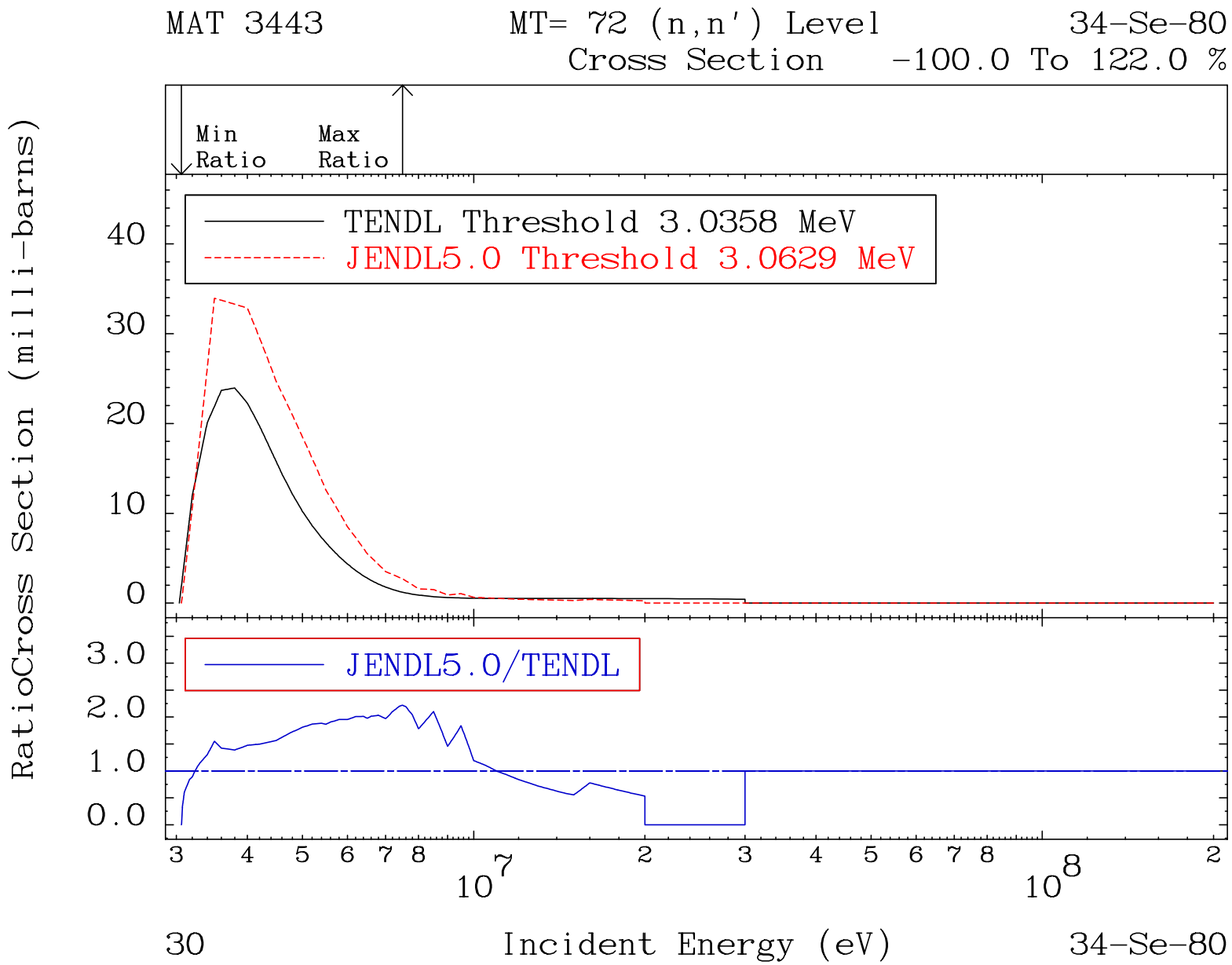

MAT 3443
MT= 67 (n,n') Level
34-Se-80
Cross Section -100.0 To 5465. %
Max Ratio
Min Ratio
TENDL Threshold 2.8612 MeV
JENDL5.0 Threshold 2.8612 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
80
40
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
25
Incident Energy (eV)
34-Se-80

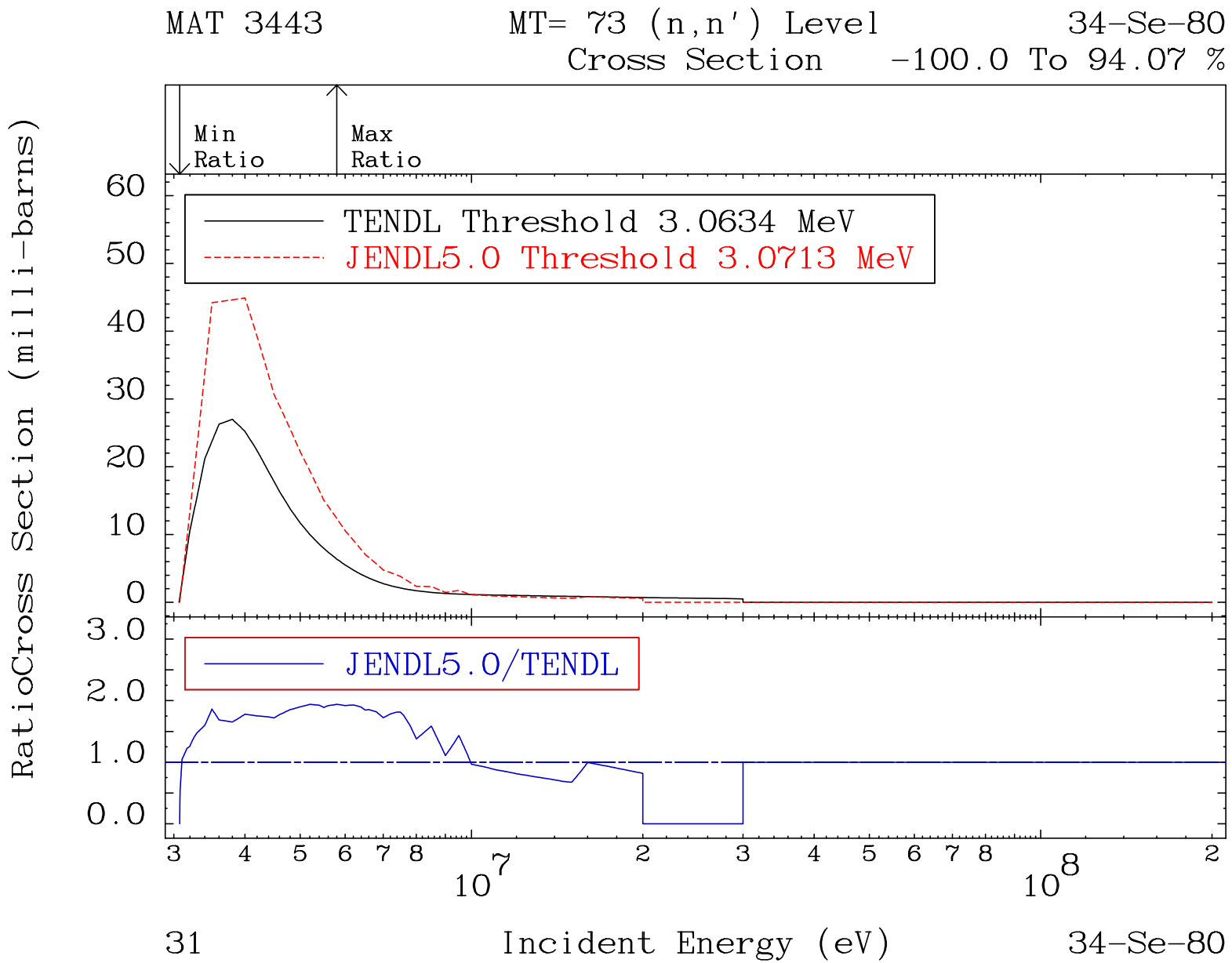

MAT 3443
MT= 68 (n,n') Level
34-Se-80
Cross Section
-100.0 To 33.74 %
Min Ratio
Max Ratio
TENDL Threshold 2.8627 MeV
JENDL5.0 Threshold 2.8627 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
2.0
1.0
0.0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
26
Incident Energy (eV)
34-Se-80

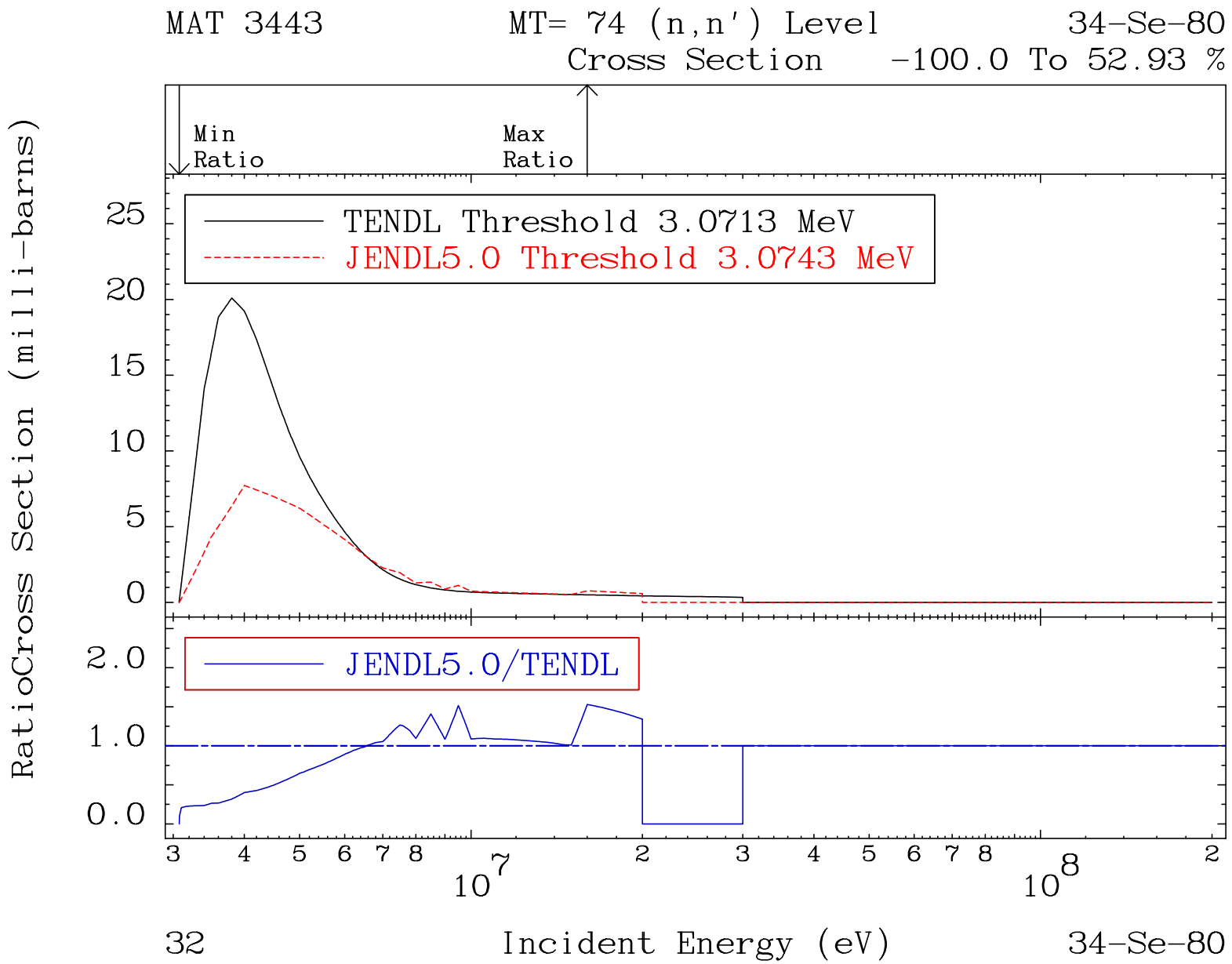

MAT 3443
MT= 69 (n,n') Level
34-Se-80
Cross Section -100.0 To 0.000 %
Max Ratio
Min Ratio
TENDL Threshold 2.8721 MeV
JENDL5.0 Threshold 2.8721 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
27
Incident Energy (eV)
34-Se-80

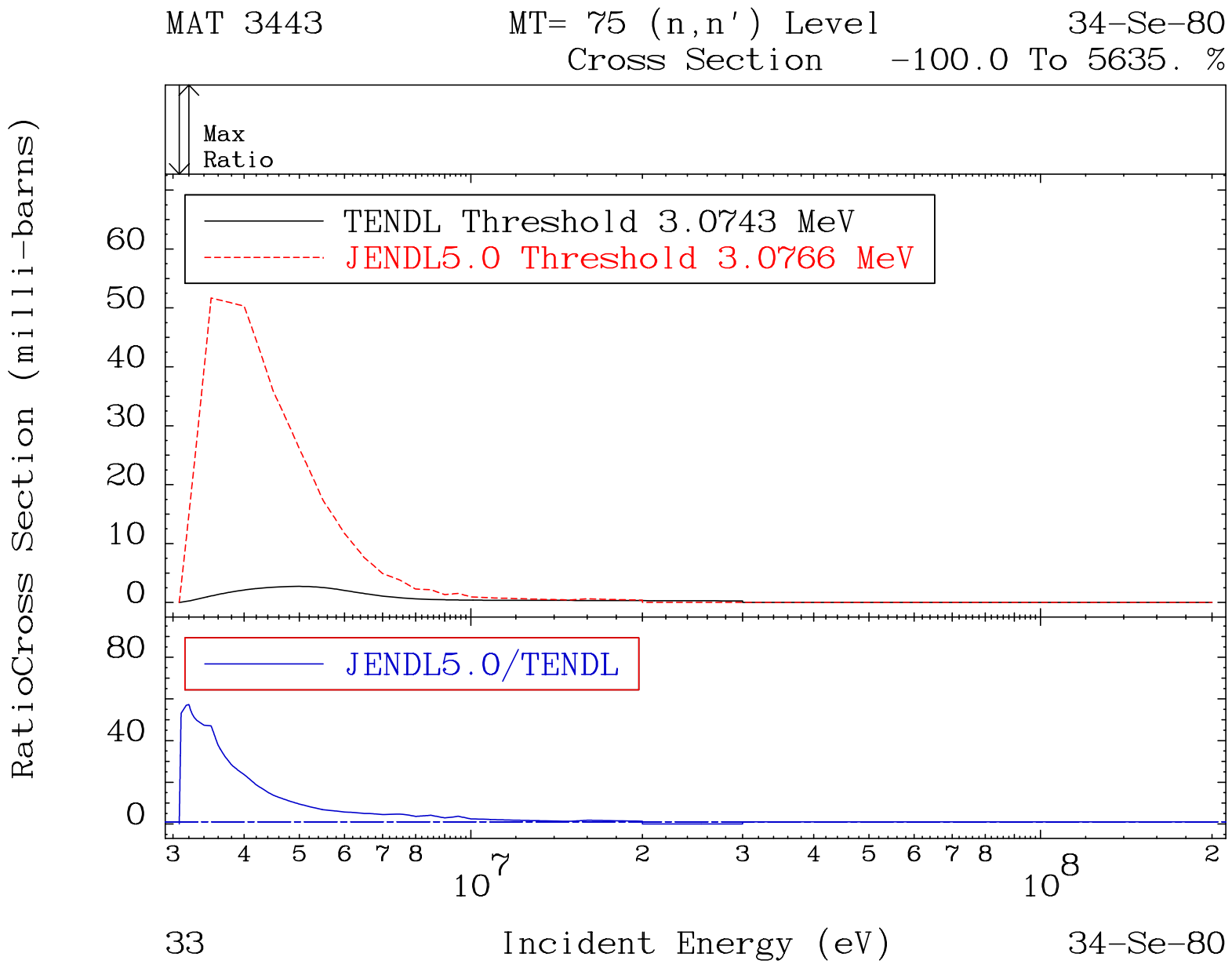

MAT 3443
MT= 70 (n,n') Level
34-Se-80
Cross Section -100.0 To 1772. %
Max
Ratio
80
60
40
20
0
TENDL Threshold 2.9320 MeV
JENDL5.0 Threshold 2.9845 MeV
20
10
0
JENDL5.0/TENDL
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
RatioCross Section (milli-barns)
28
Incident Energy (eV)
34-Se-80

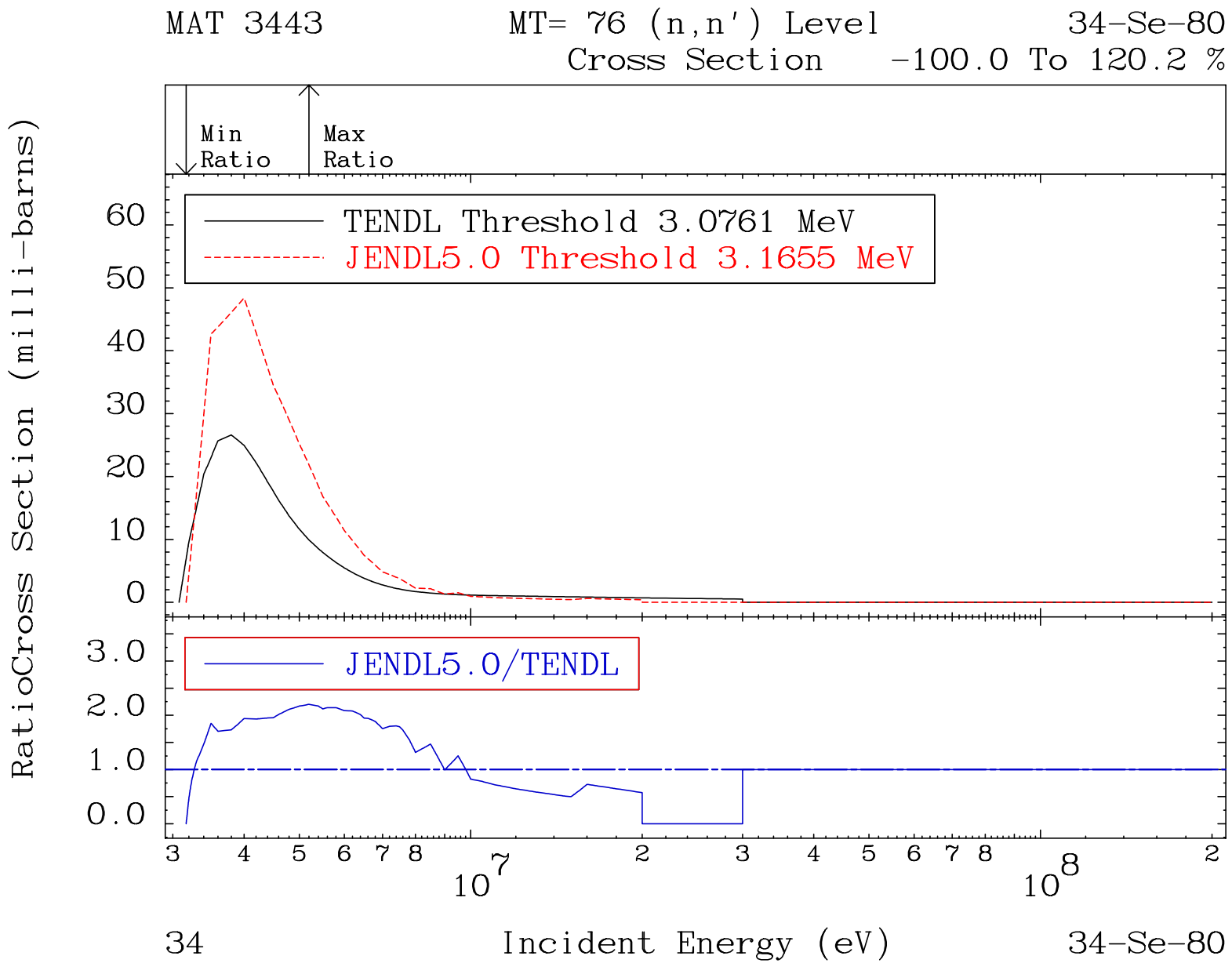

MAT 3443
MT= 71 (n,n') Level
34-Se-80
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 2.9847 MeV
JENDL5.0 Threshold 3.0358 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
40
20
0
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
29
Incident Energy (eV)
34-Se-80

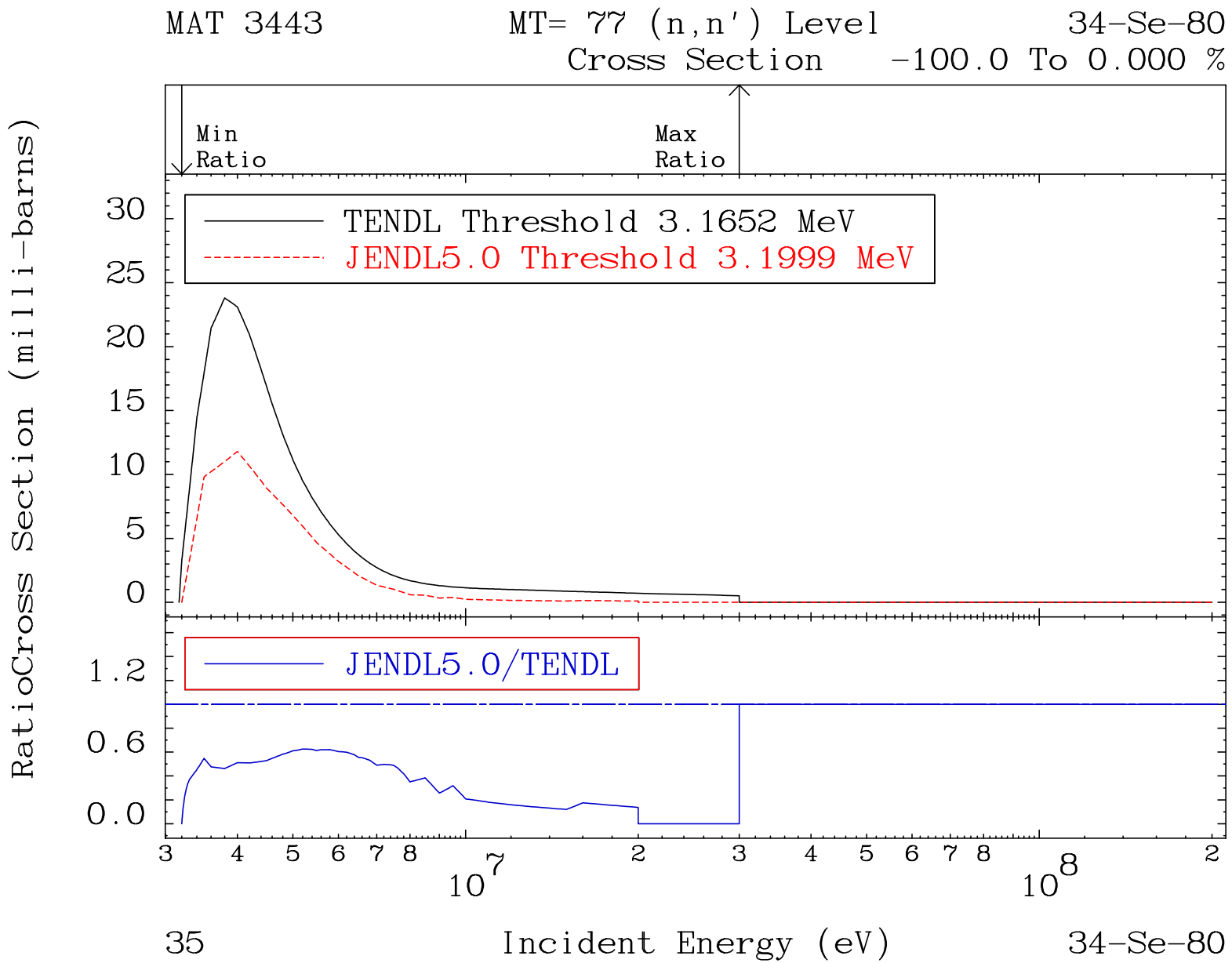

MAT 3443
MT= 72 (n,n') Level
34-Se-80
Cross Section -100.0 To 122.0 %
Min Ratio
Max Ratio
TENDL Threshold 3.0358 MeV
JENDL5.0 Threshold 3.0629 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
3.0
2.0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
30
Incident Energy (eV)
34-Se-80

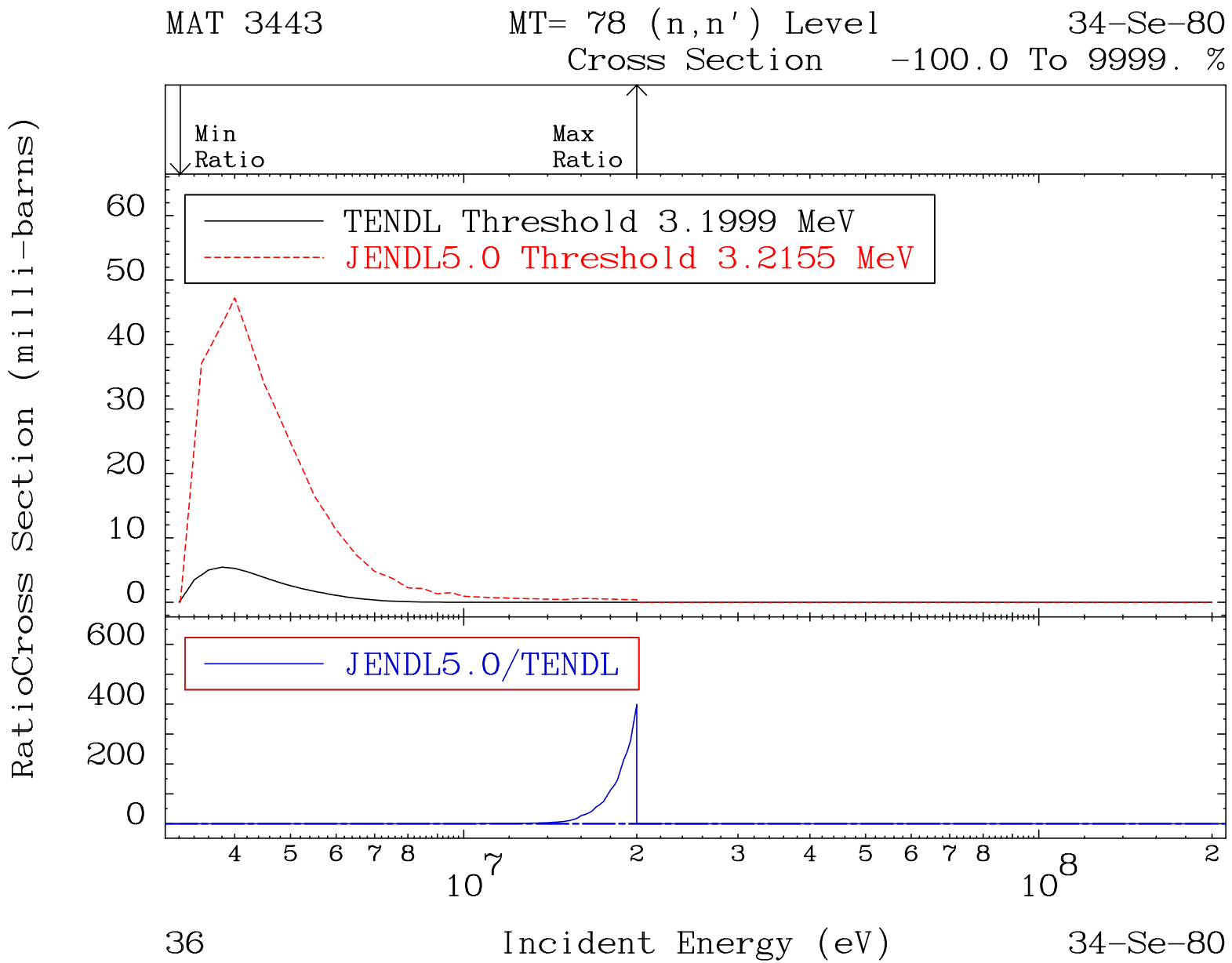

MAT 3443
MT= 73 (n,n') Level
34-Se-80
Cross Section -100.0 To 94.07 %
Min Ratio
Max Ratio
TENDL Threshold 3.0634 MeV
JENDL5.0 Threshold 3.0713 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
31
34-Se-80

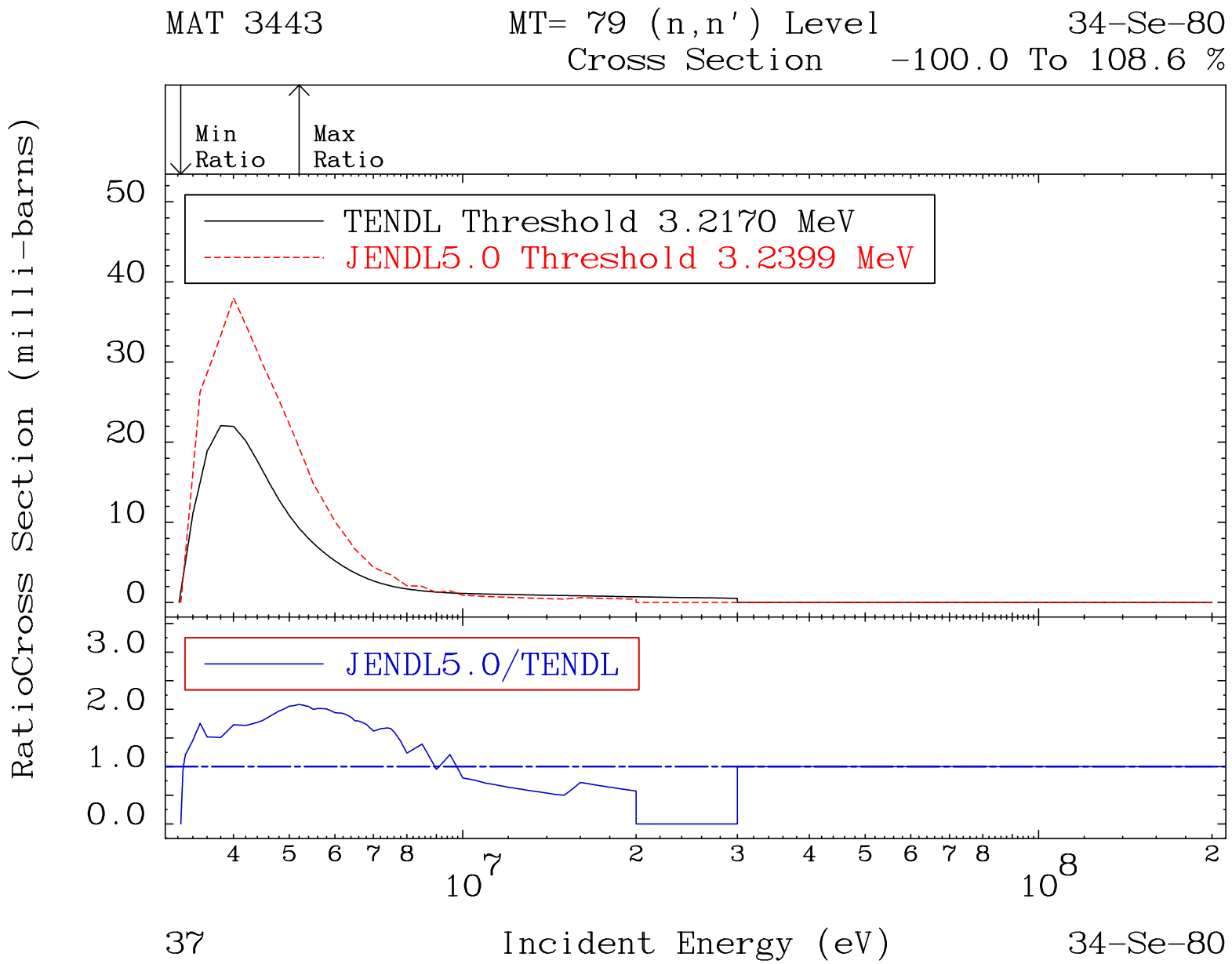

MAT 3443
MT= 74 (n,n') Level
34-Se-80
Cross Section -100.0 To 52.93 %
Min Ratio
Max Ratio
TENDL Threshold 3.0713 MeV
JENDL5.0 Threshold 3.0743 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
32
34-Se-80

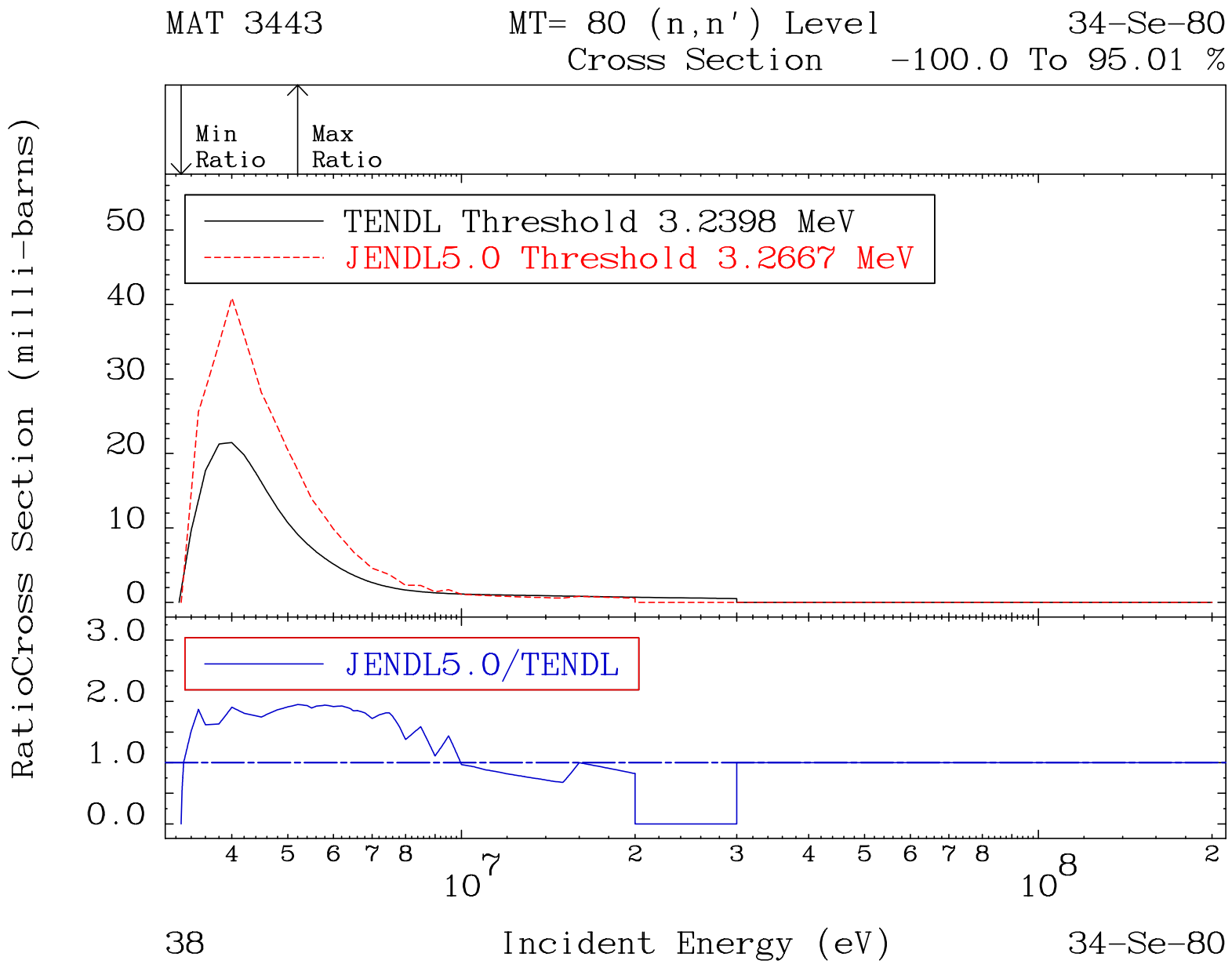

MAT 3443
MT= 75 (n,n') Level
34-Se-80
Cross Section -100.0 To 5635. %
Max
Ratio
TENDL Threshold 3.0743 MeV
JENDL5.0 Threshold 3.0766 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
80
40
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
33
Incident Energy (eV)
34-Se-80

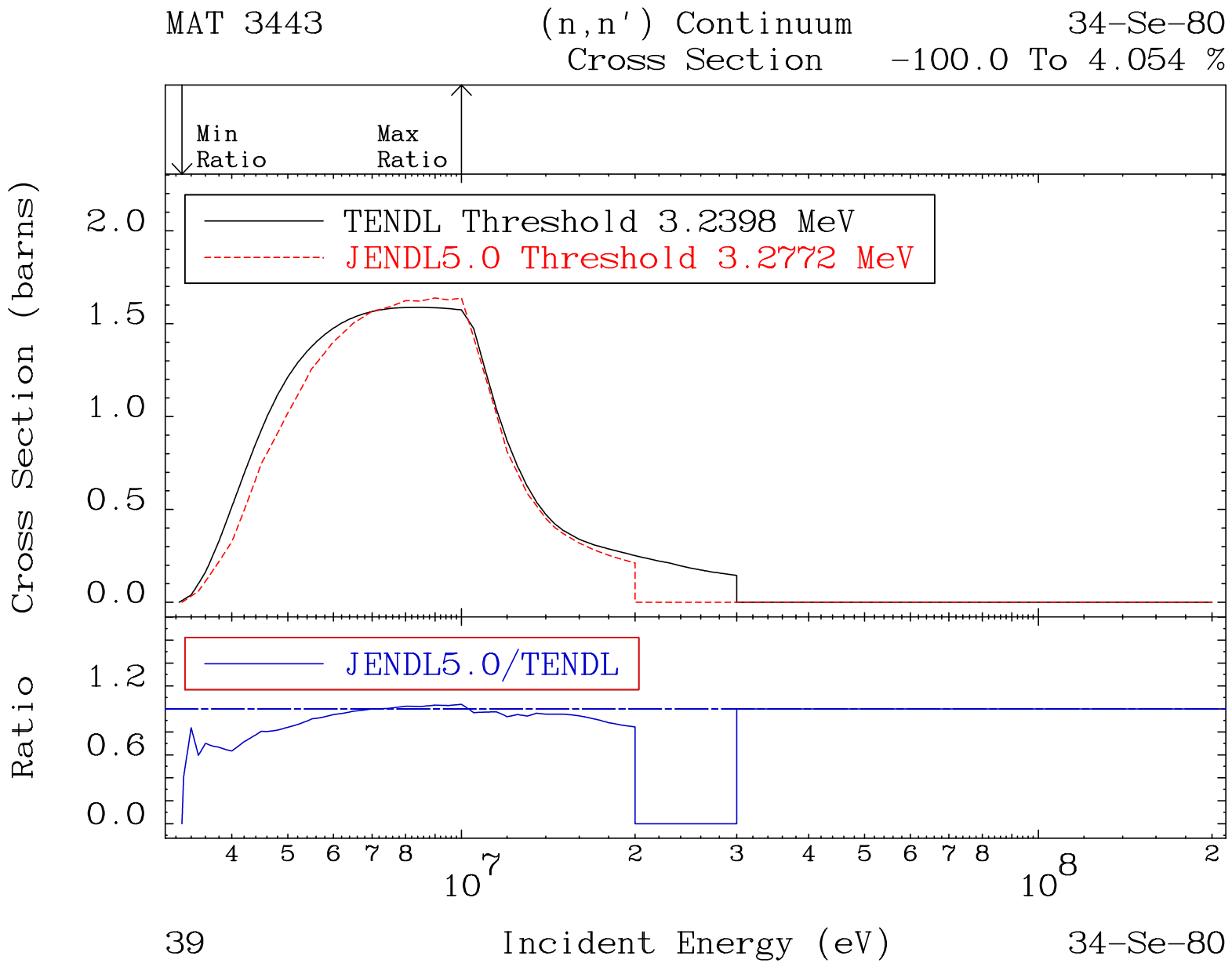

MAT 3443
MT= 76 (n,n') Level
34-Se-80
Cross Section -100.0 To 120.2 %
Min Ratio
Max Ratio
TENDL Threshold 3.0761 MeV
JENDL5.0 Threshold 3.1655 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
3.0
2.0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
34
Incident Energy (eV)
34-Se-80

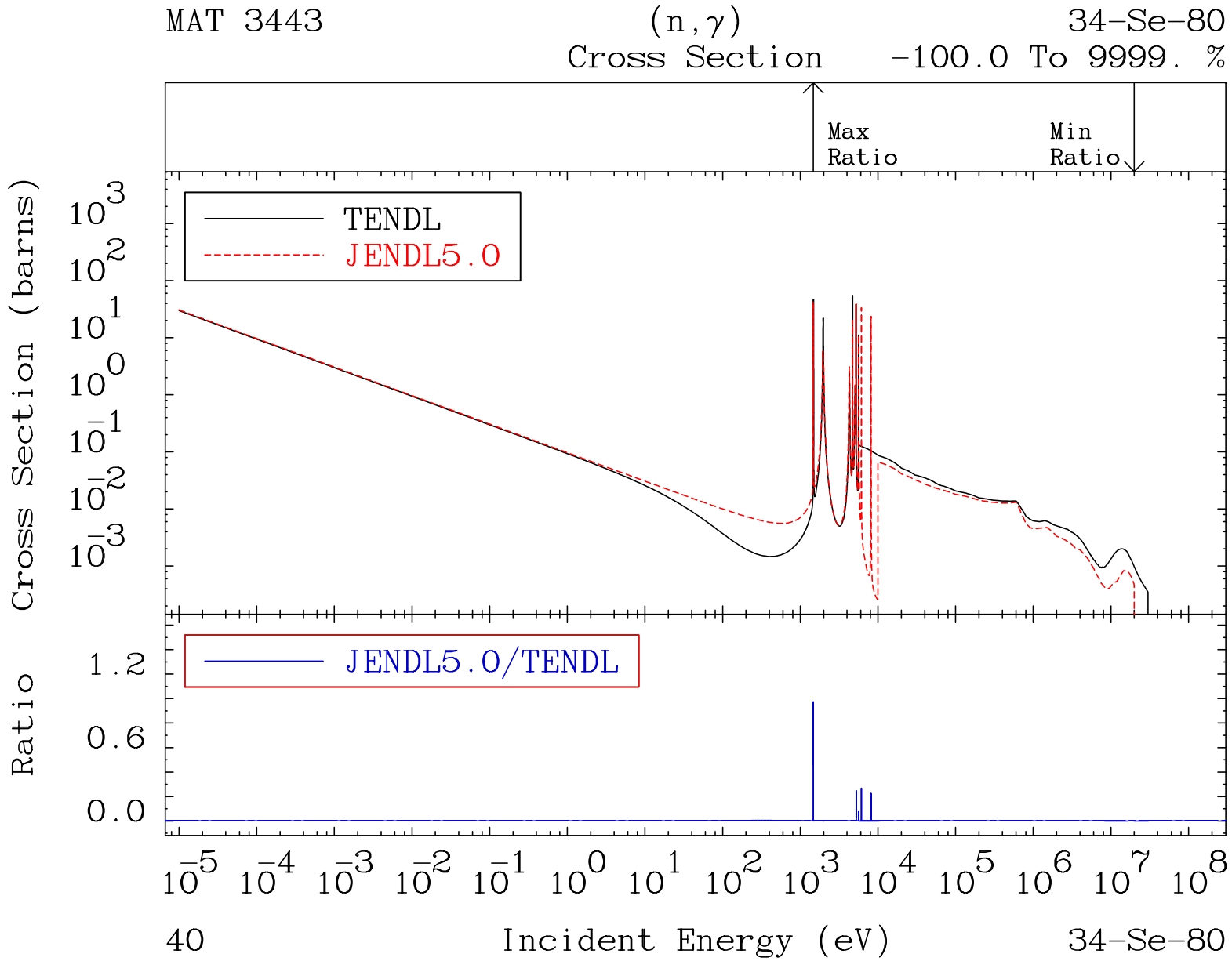

MAT 3443
MT= 77 (n,n') Level
34-Se-80
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 3.1652 MeV
JENDL5.0 Threshold 3.1999 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
35
Incident Energy (eV)
34-Se-80

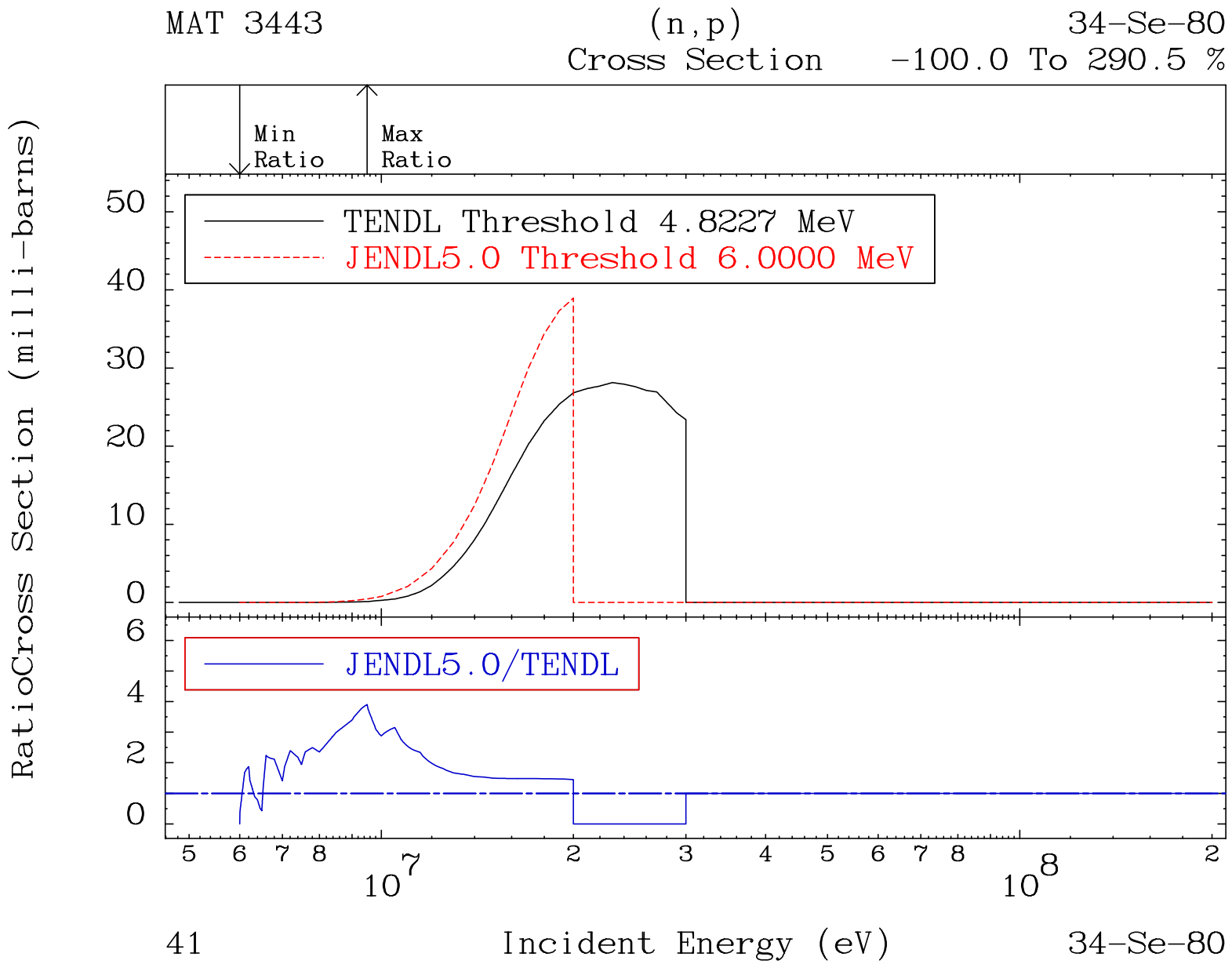

MAT 3443
MT= 78 (n,n') Level
34-Se-80
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 3.1999 MeV
JENDL5.0 Threshold 3.2155 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
600
400
200
0
4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
36
Incident Energy (eV)
34-Se-80

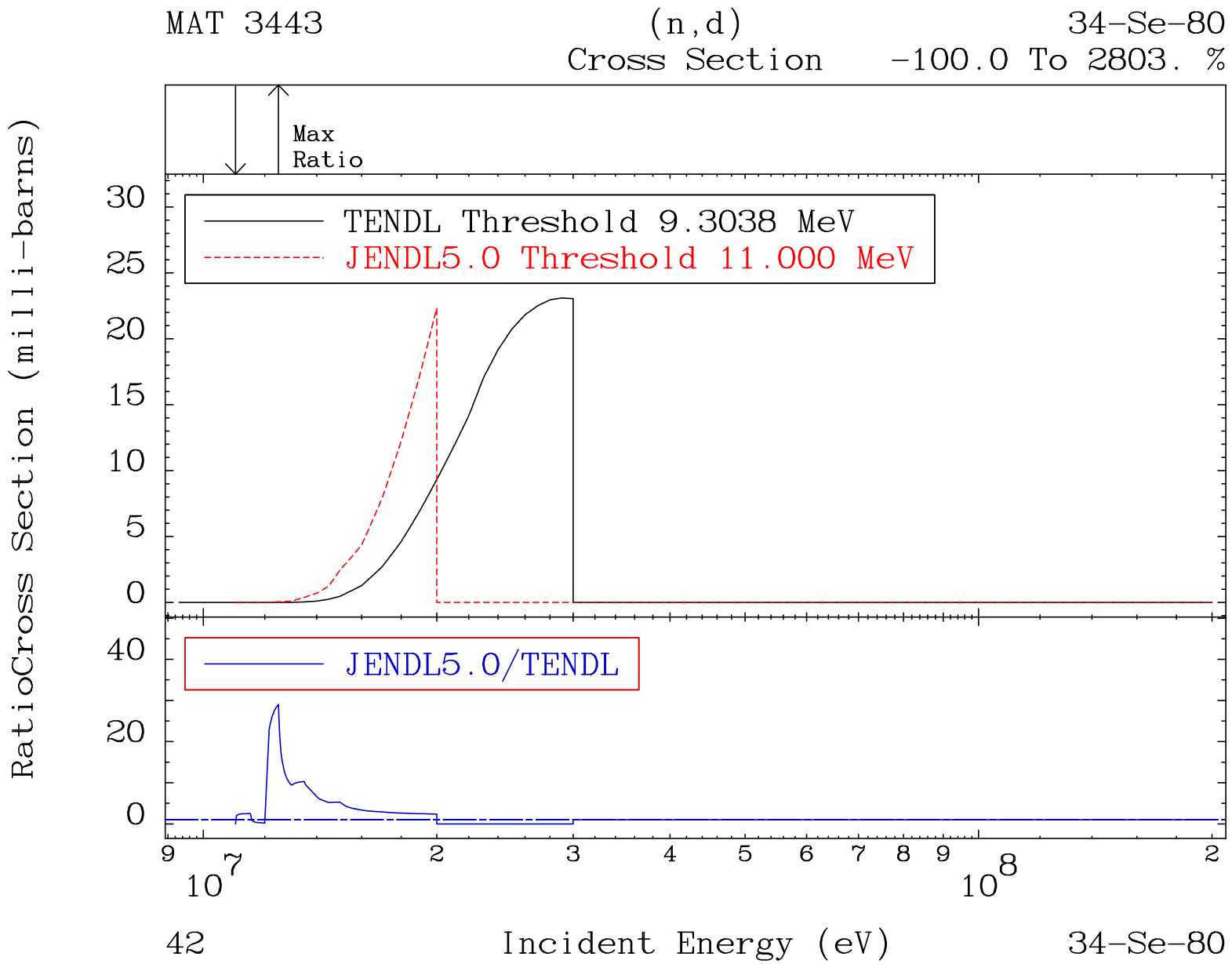

MAT 3443
MT= 79 (n,n') Level
34-Se-80
Cross Section
-100.0 To 108.6 %
Min Ratio
Max Ratio
TENDL Threshold 3.2170 MeV
JENDL5.0 Threshold 3.2399 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
3.0
2.0
1.0
0.0
4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
37
Incident Energy (eV)
34-Se-80

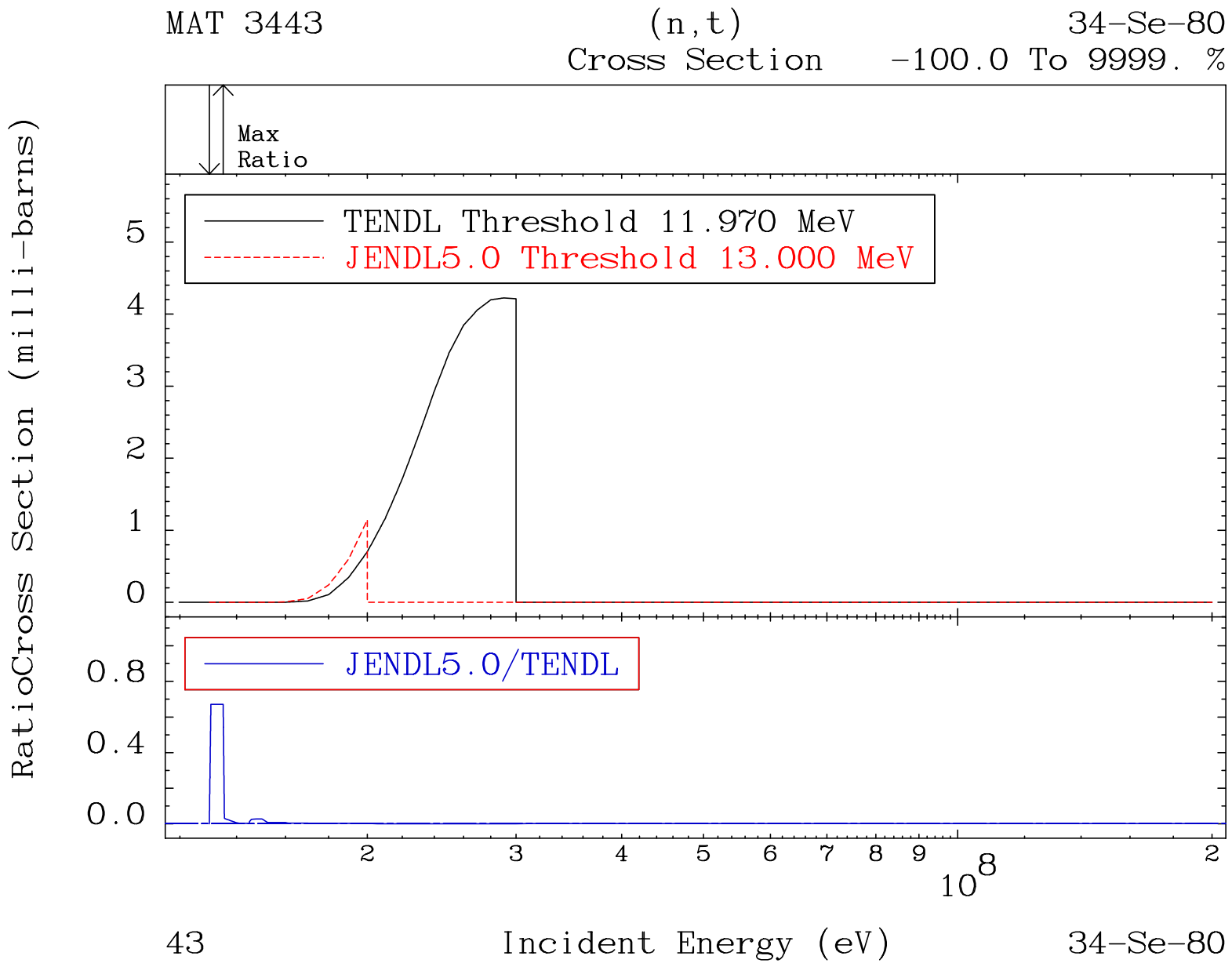

MAT 3443
MT= 80 (n,n') Level
34-Se-80
Cross Section
-100.0 To 95.01 %
Min Ratio
Max Ratio
TENDL Threshold 3.2398 MeV
JENDL5.0 Threshold 3.2667 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
3.0
2.0
1.0
0.0
4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
38
Incident Energy (eV)
34-Se-80

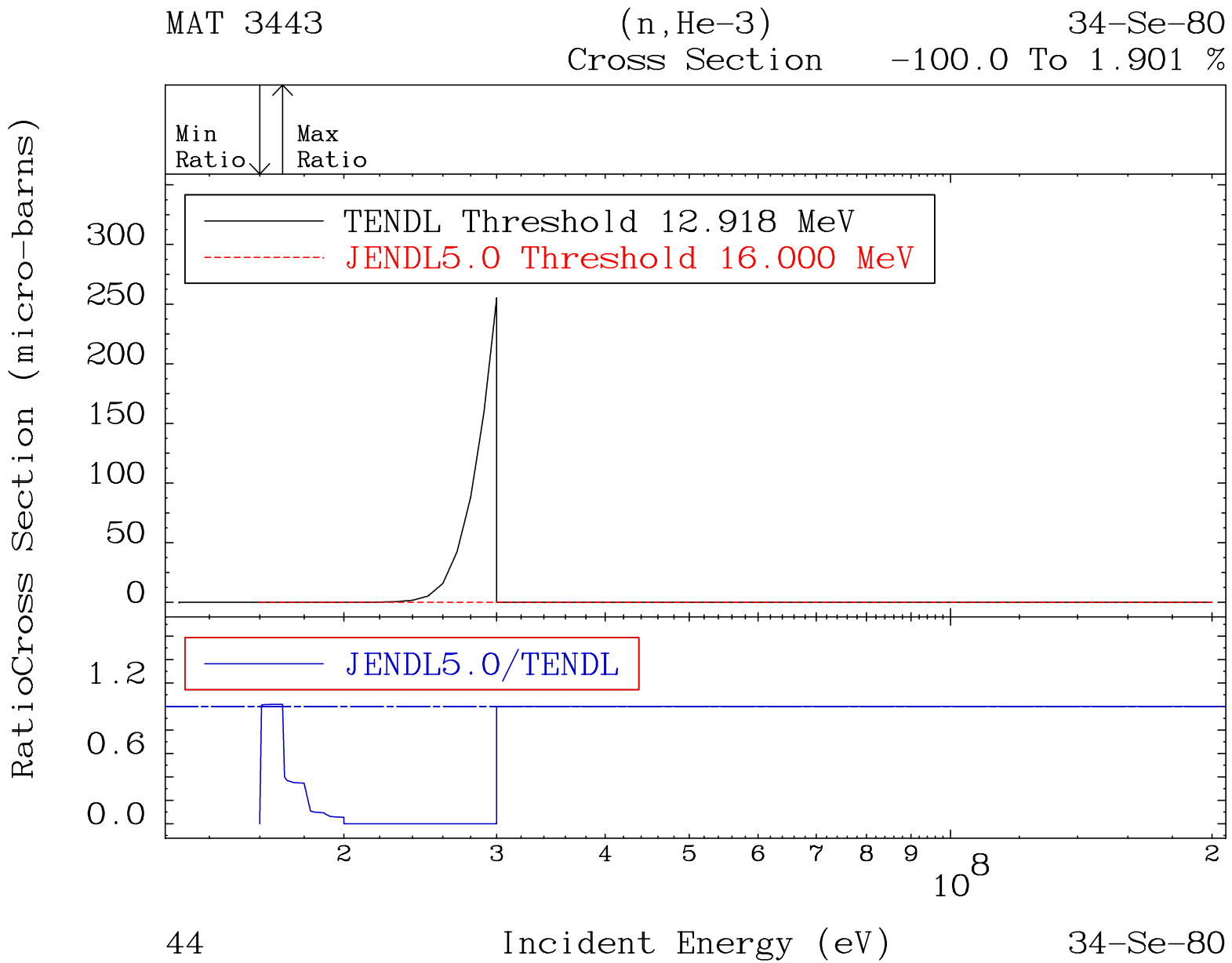

MAT 3443
(n,n') Continuum
Cross Section
34-Se-80
-100.0 To 4.054 %
Min Ratio
Max Ratio
TENDL Threshold 3.2398 MeV
JENDL5.0 Threshold 3.2772 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
1.2
0.6
0.0
4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
Incident Energy (eV)
39
34-Se-80

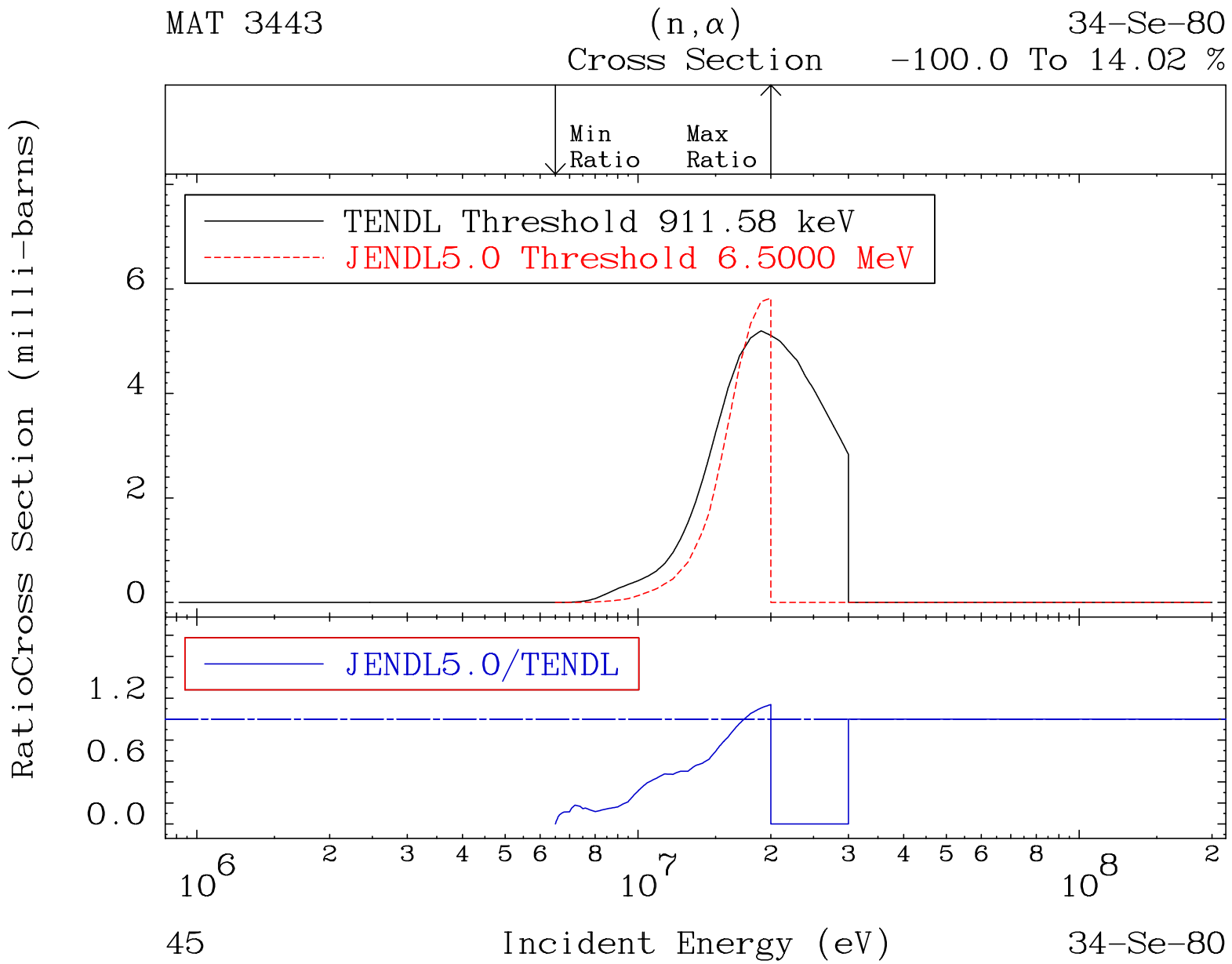

MAT 3443
(n,γ)
34-Se-80
Cross Section
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
40
34-Se-80

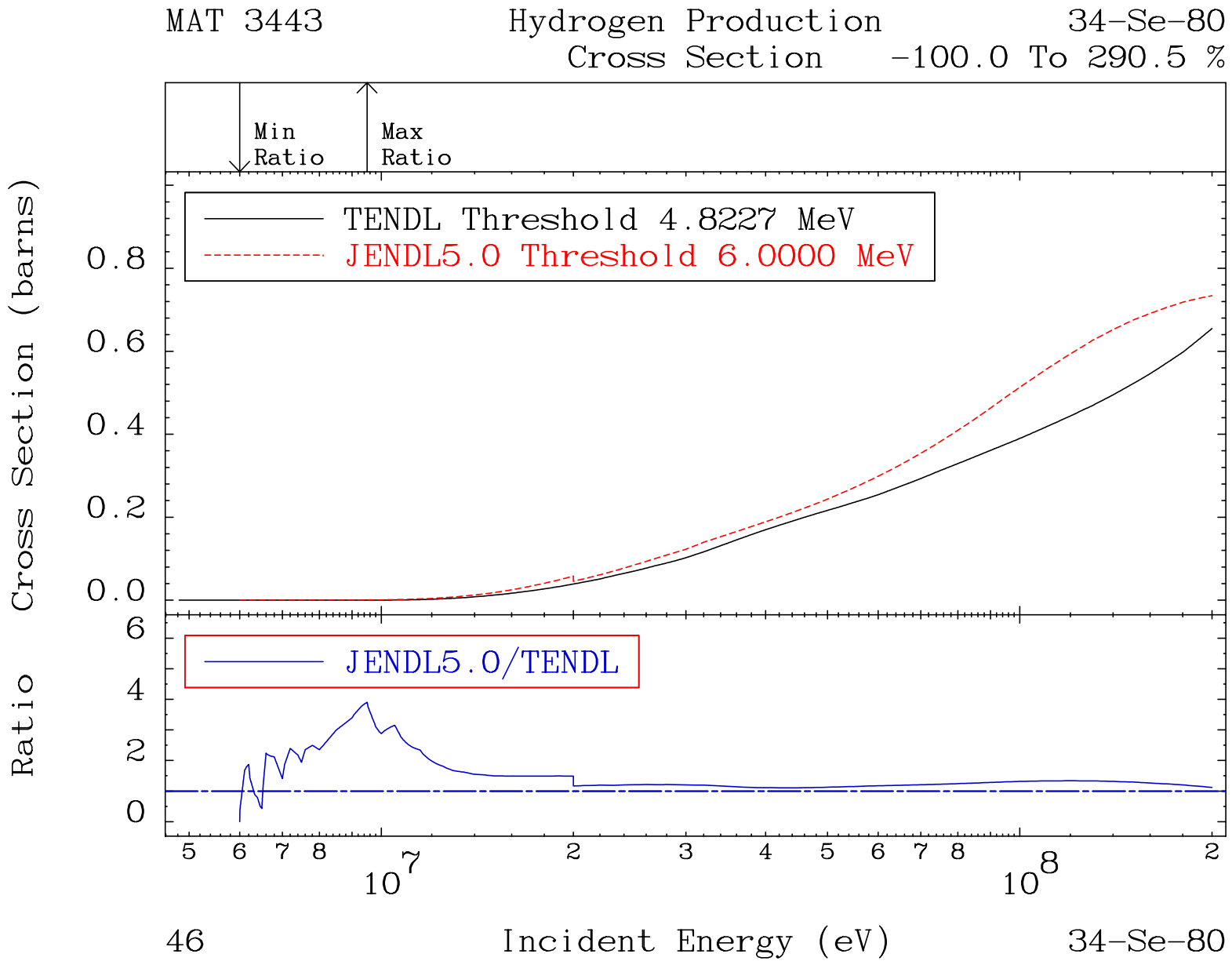

MAT 3443
(n,p)
34-Se-80
Cross Section
-100.0 To 290.5 %
Min Ratio
Max Ratio
TENDL Threshold 4.8227 MeV
JENDL5.0 Threshold 6.0000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
41
34-Se-80

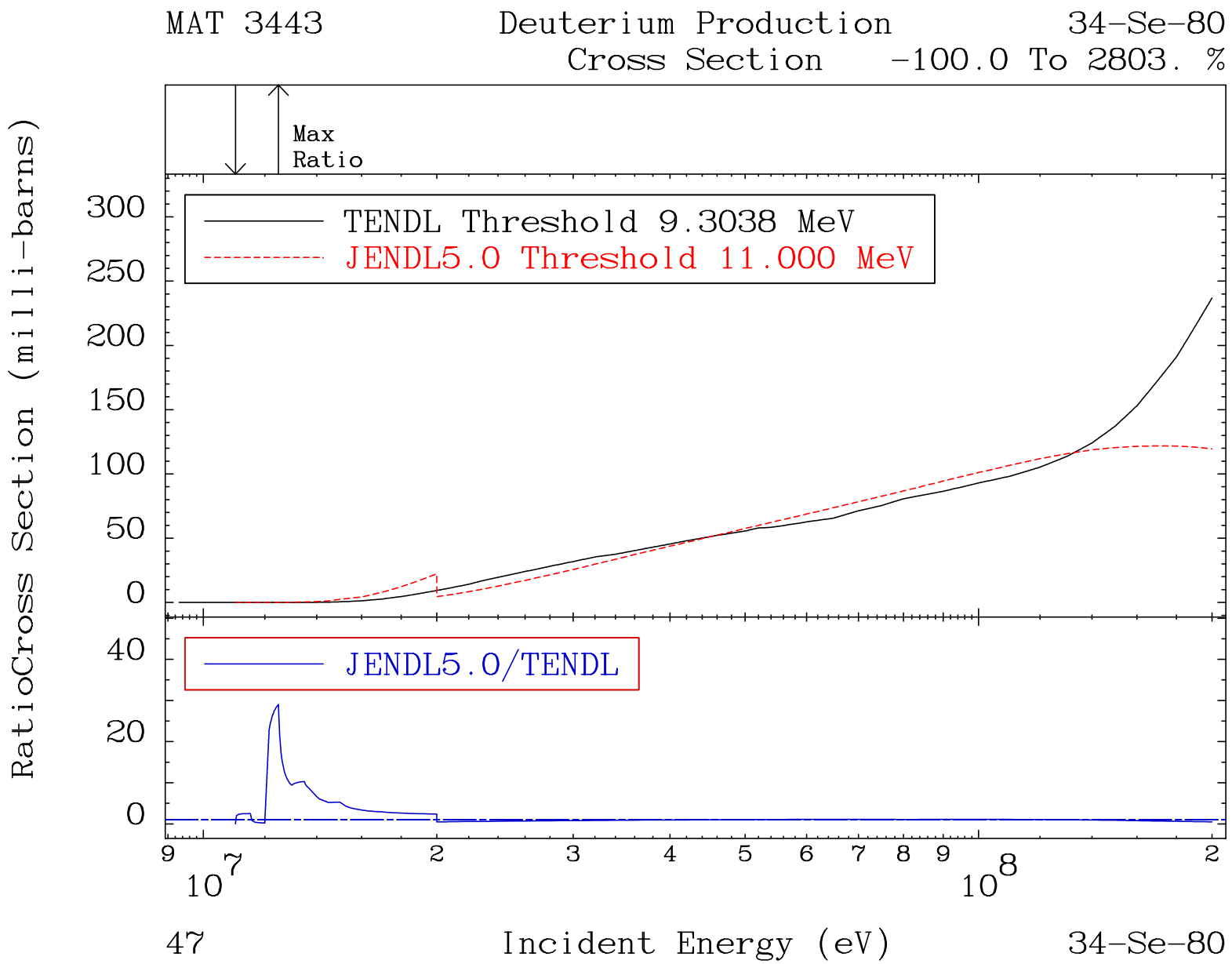

MAT 3443
(n,d)
34-Se-80
Cross Section
-100.0 To 2803. %
Max
Ratio
TENDL Threshold 9.3038 MeV
JENDL5.0 Threshold 11.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
40
20
0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
42
Incident Energy (eV)
34-Se-80

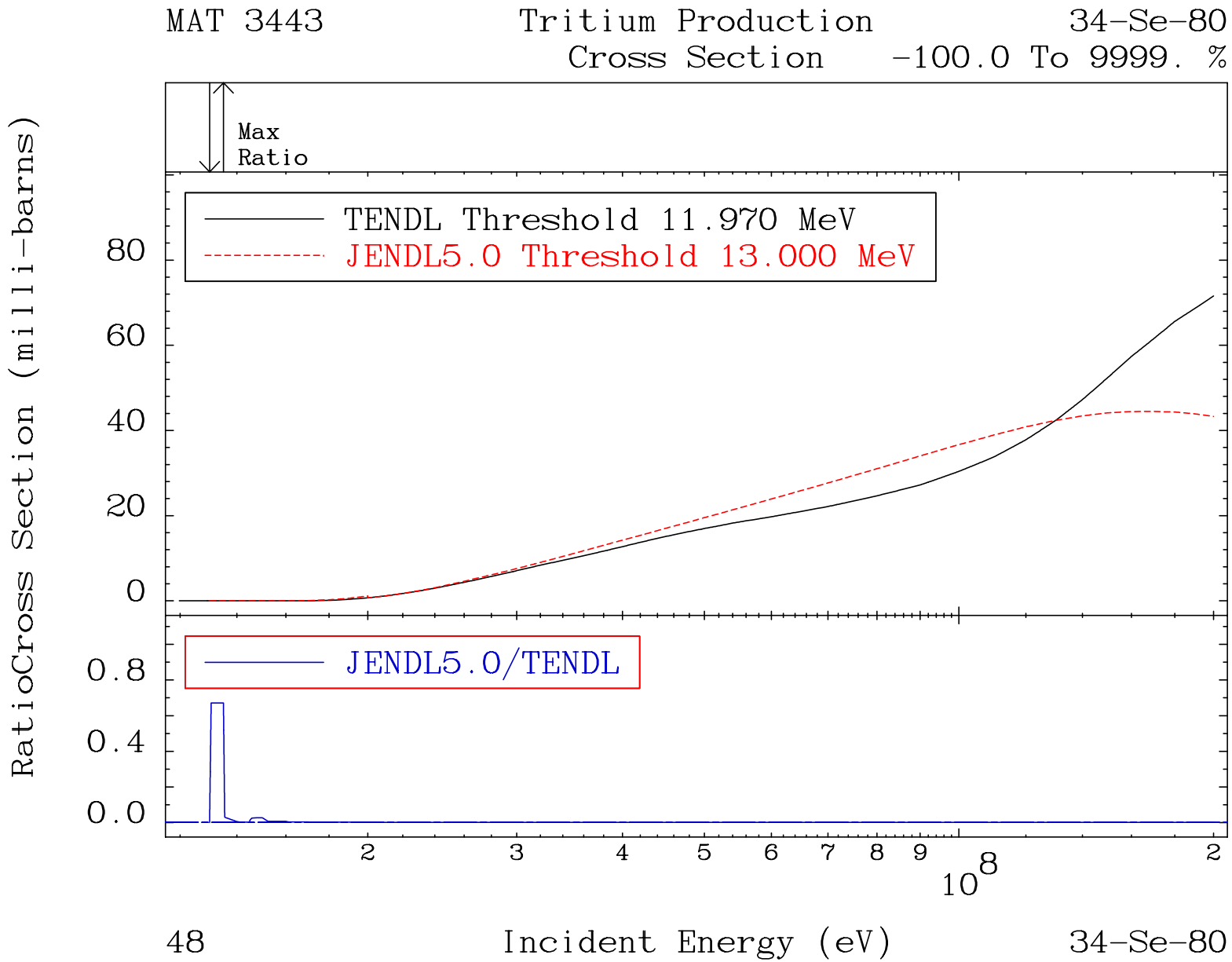

MAT 3443
(n,t)
34-Se-80
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 11.970 MeV
JENDL5.0 Threshold 13.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
0
1
2
3
4
5
0.0
0.4
0.8
2
3
4
5
6
7
8
9
10^8
2
43
Incident Energy (eV)
34-Se-80

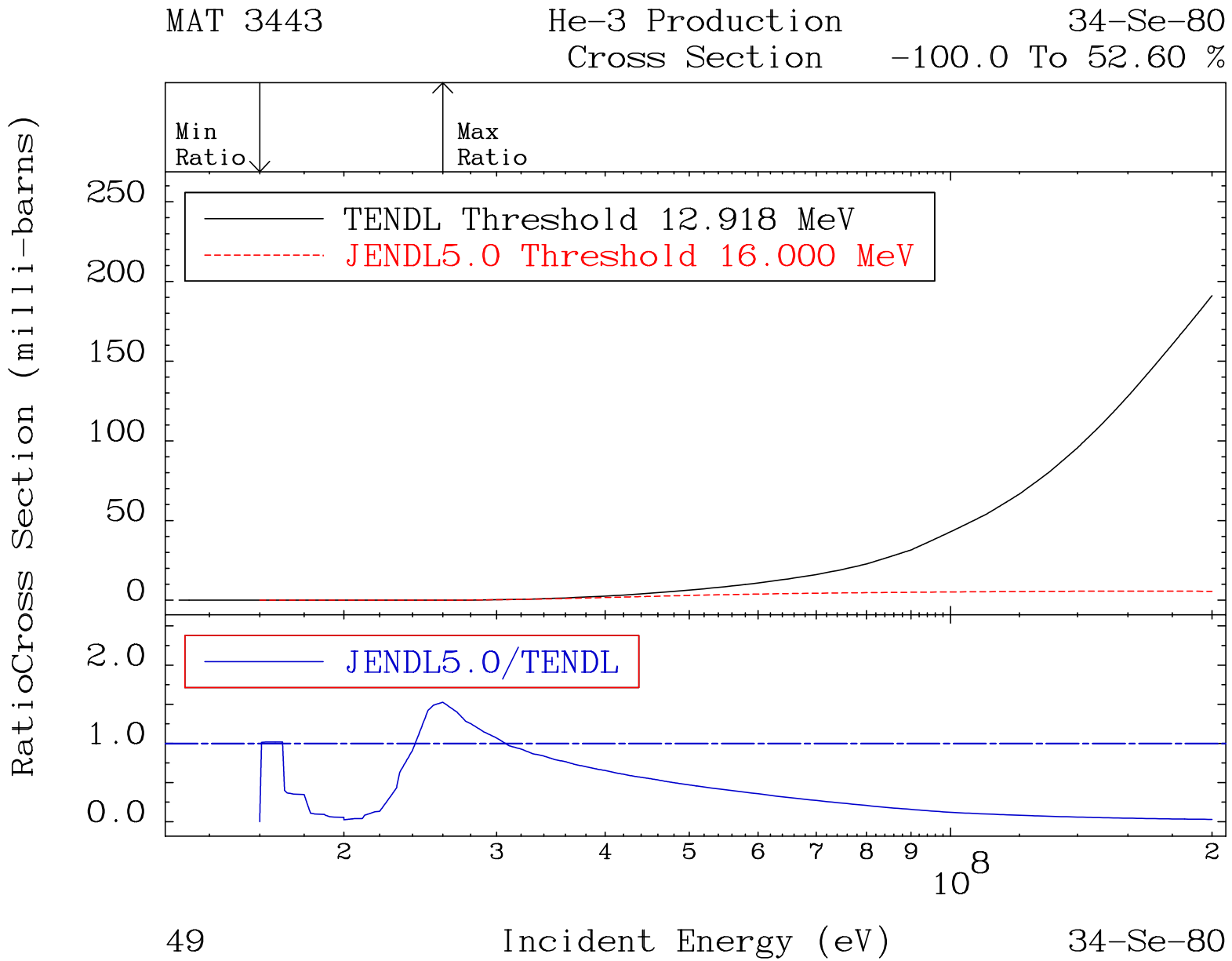

MAT 3443
(n,He-3)
34-Se-80
Cross Section
-100.0 To 1.901 %
Min Ratio
Max Ratio
TENDL Threshold 12.918 MeV
JENDL5.0 Threshold 16.000 MeV
JENDL5.0/TENDL
RatioCross Section (micro-barns)
300
250
200
150
100
50
0
1.2
0.6
0.0
2
3
4
5
6
7
8
9
10^8
2
44
Incident Energy (eV)
34-Se-80

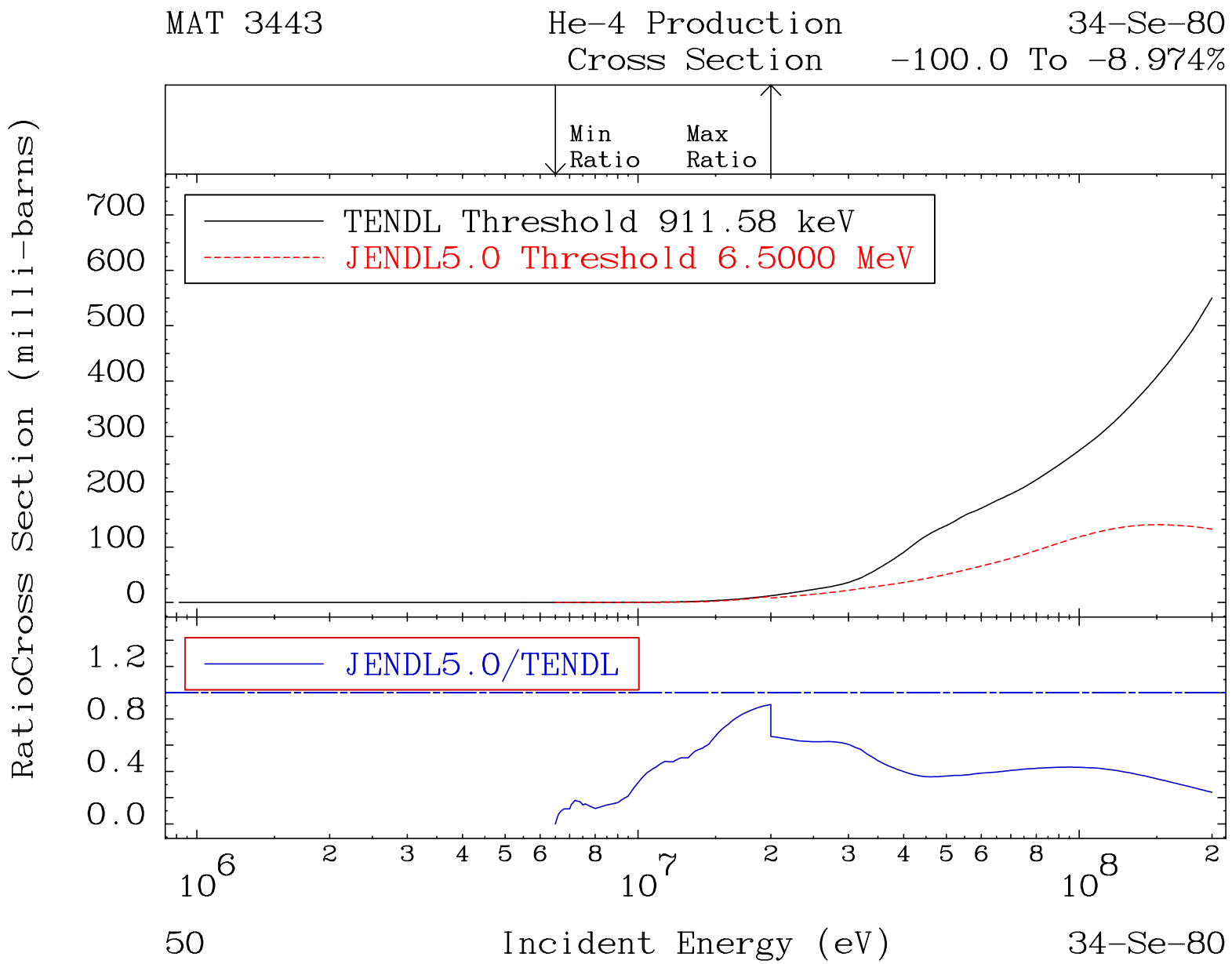

MAT 3443
(n,α)
Cross Section
34-Se-80
-100.0 To 14.02 %
Min Ratio
Max Ratio
TENDL Threshold 911.58 keV
JENDL5.0 Threshold 6.5000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
45
34-Se-80

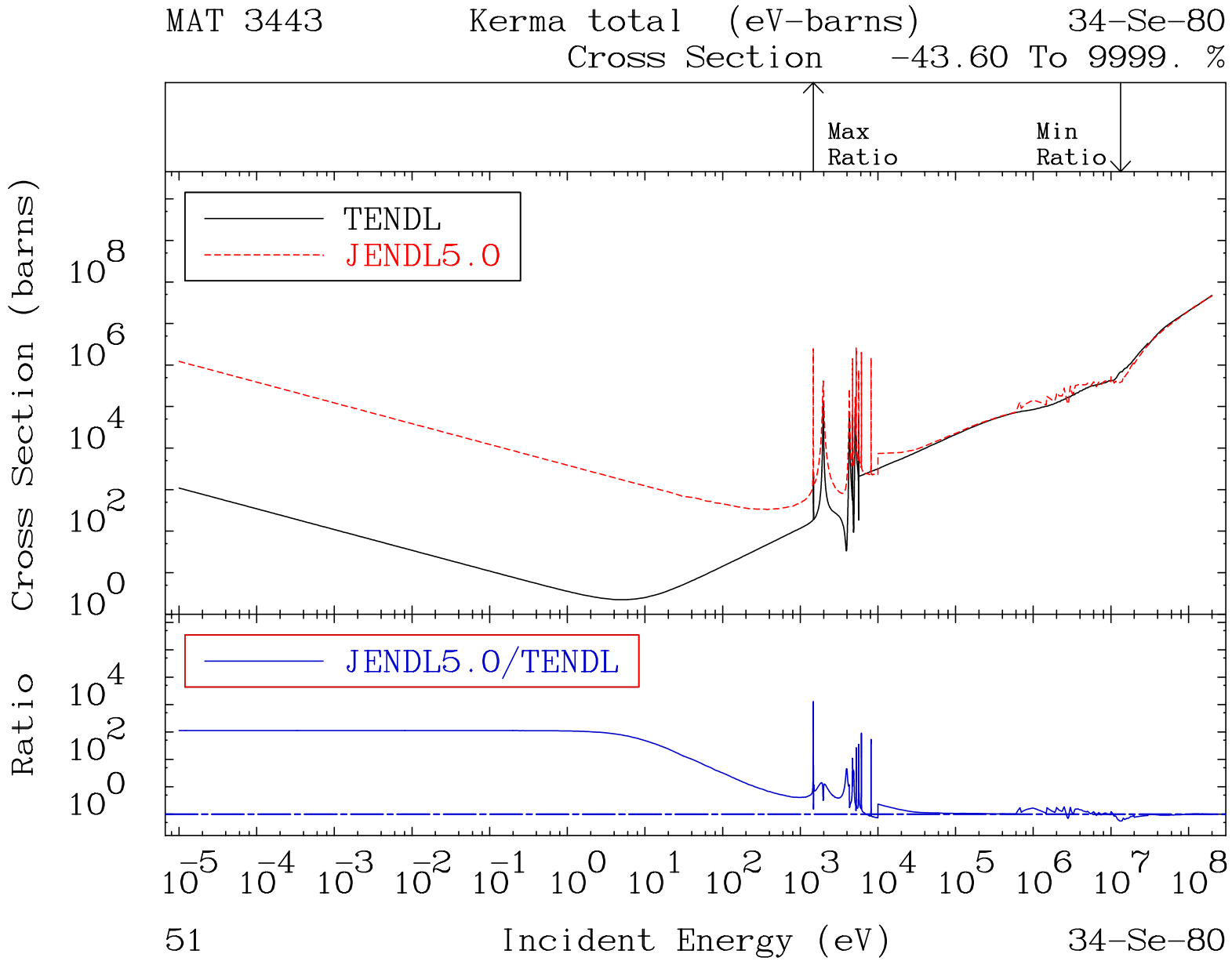

MAT 3443
Hydrogen Production
34-Se-80
Cross Section -100.0 To 290.5 %
Min Ratio
Max Ratio
TENDL Threshold 4.8227 MeV
JENDL5.0 Threshold 6.0000 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
0.0
0.2
0.4
0.6
0.8
0
2
4
6
5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
Incident Energy (eV)
46
34-Se-80

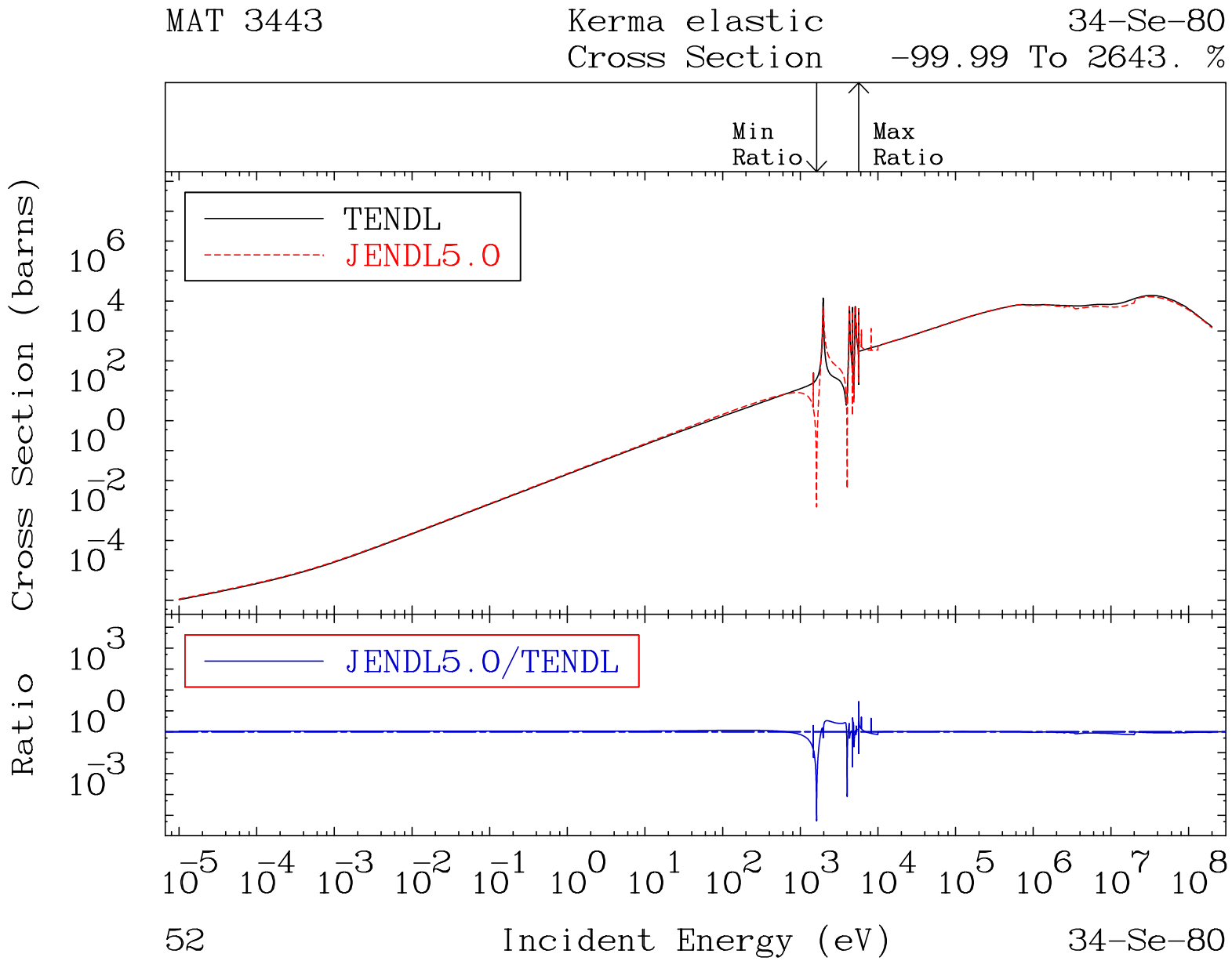

MAT 3443
Deuterium Production
34-Se-80
Cross Section -100.0 To 2803. %
Max
Ratio
TENDL Threshold 9.3038 MeV
JENDL5.0 Threshold 11.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
300
250
200
150
100
50
0
40
20
0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
47
Incident Energy (eV)
34-Se-80

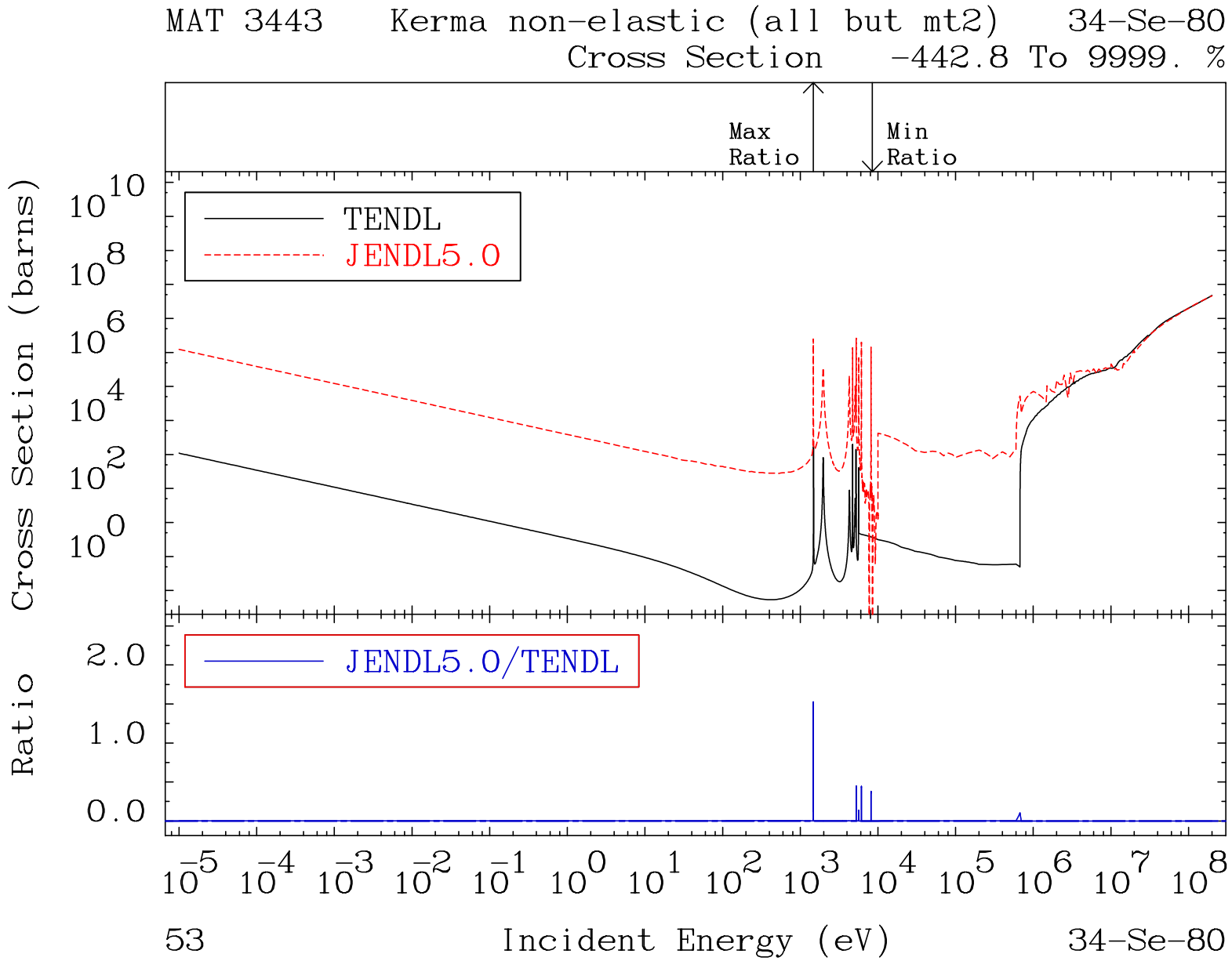

MAT 3443
Tritium Production
34-Se-80
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 11.970 MeV
JENDL5.0 Threshold 13.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
0.8
0.4
0.0
2
3
4
5
6
7
8
9
10^8
2
48
Incident Energy (eV)
34-Se-80

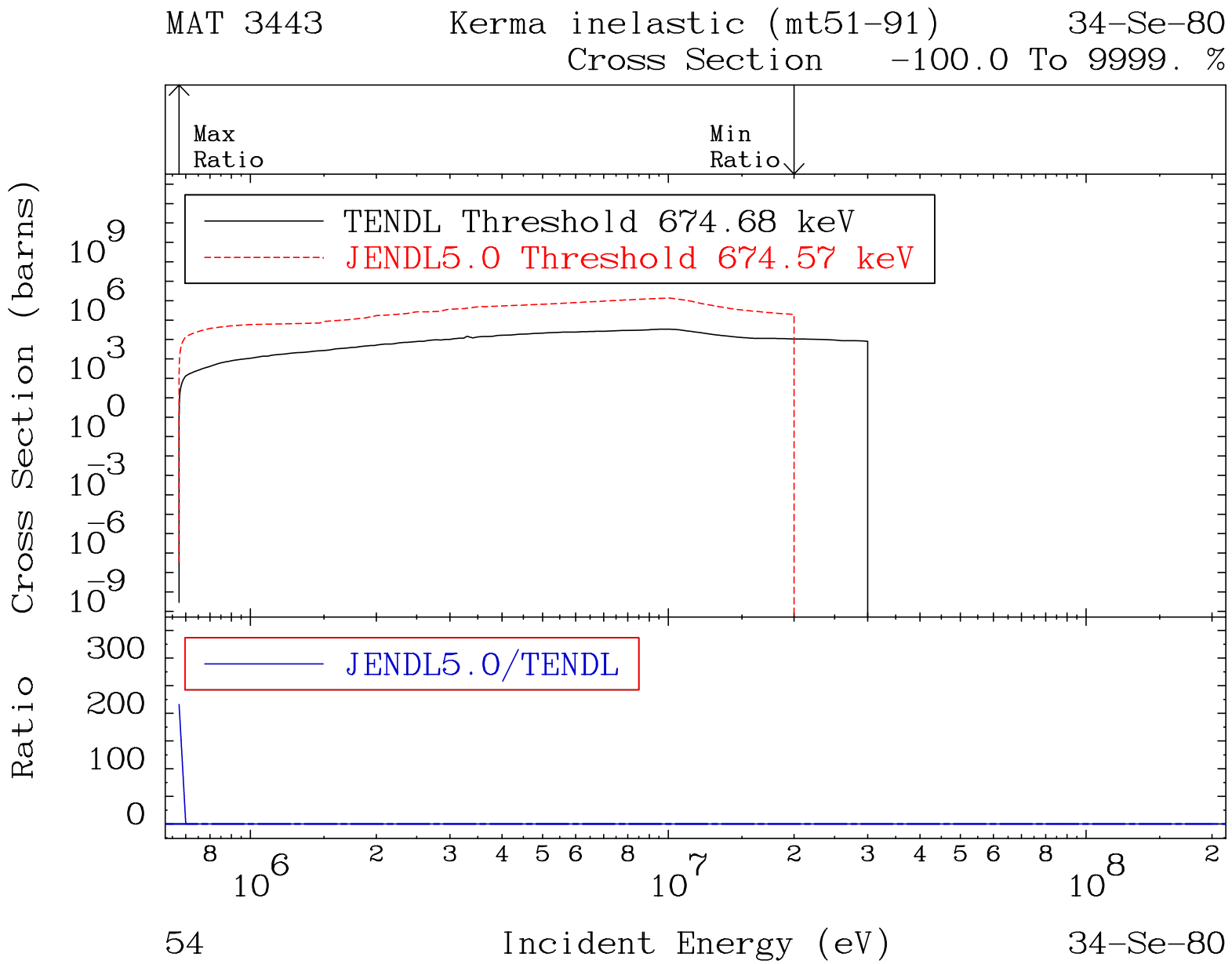

MAT 3443
He-3 Production
Cross Section
34-Se-80
-100.0 To 52.60 %
Min Ratio
Max Ratio
TENDL Threshold 12.918 MeV
JENDL5.0 Threshold 16.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
2.0
1.0
0.0
2
3
4
5
6
7
8
9
2
10^8
49
Incident Energy (eV)
34-Se-80

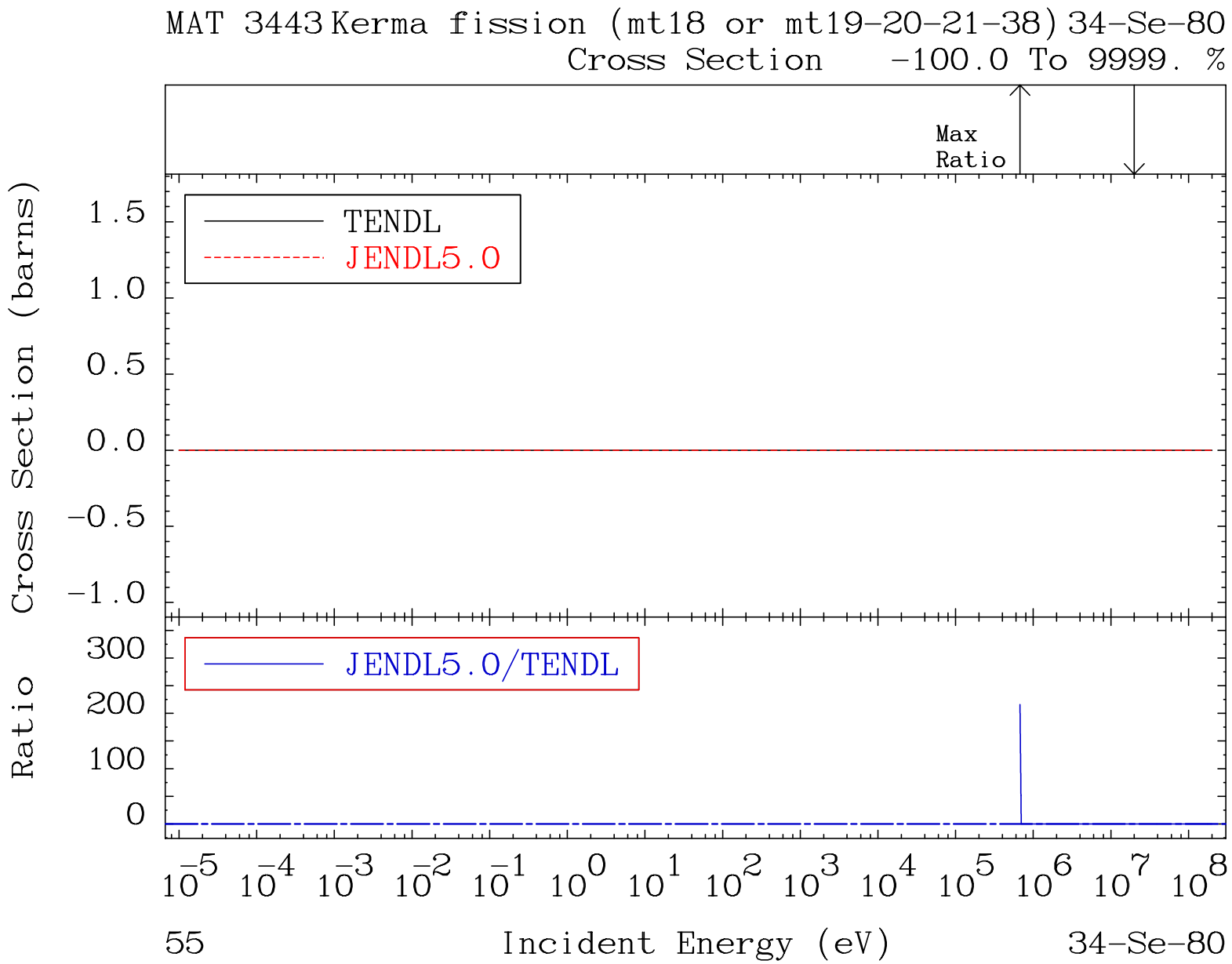

MAT 3443
He-4 Production
Cross Section
34-Se-80
-100.0 To -8.974%
Min Ratio
Max Ratio
TENDL Threshold 911.58 keV
JENDL5.0 Threshold 6.5000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
700
600
500
400
300
200
100
0
1.2
0.8
0.4
0.0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
50
Incident Energy (eV)
34-Se-80

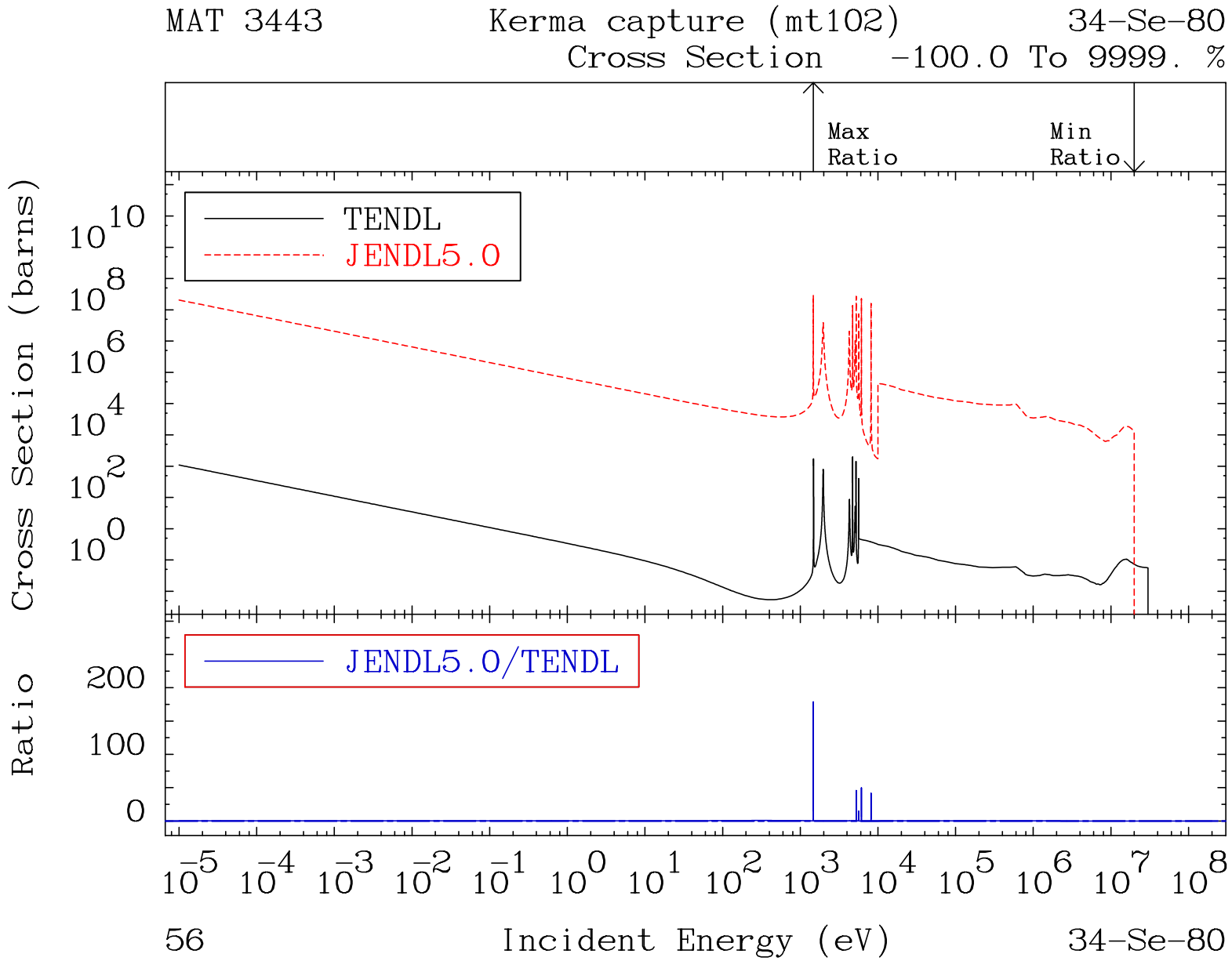

MAT 3443
Kerma total (eV-barns)
34-Se-80
Cross Section -43.60 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
51
34-Se-80

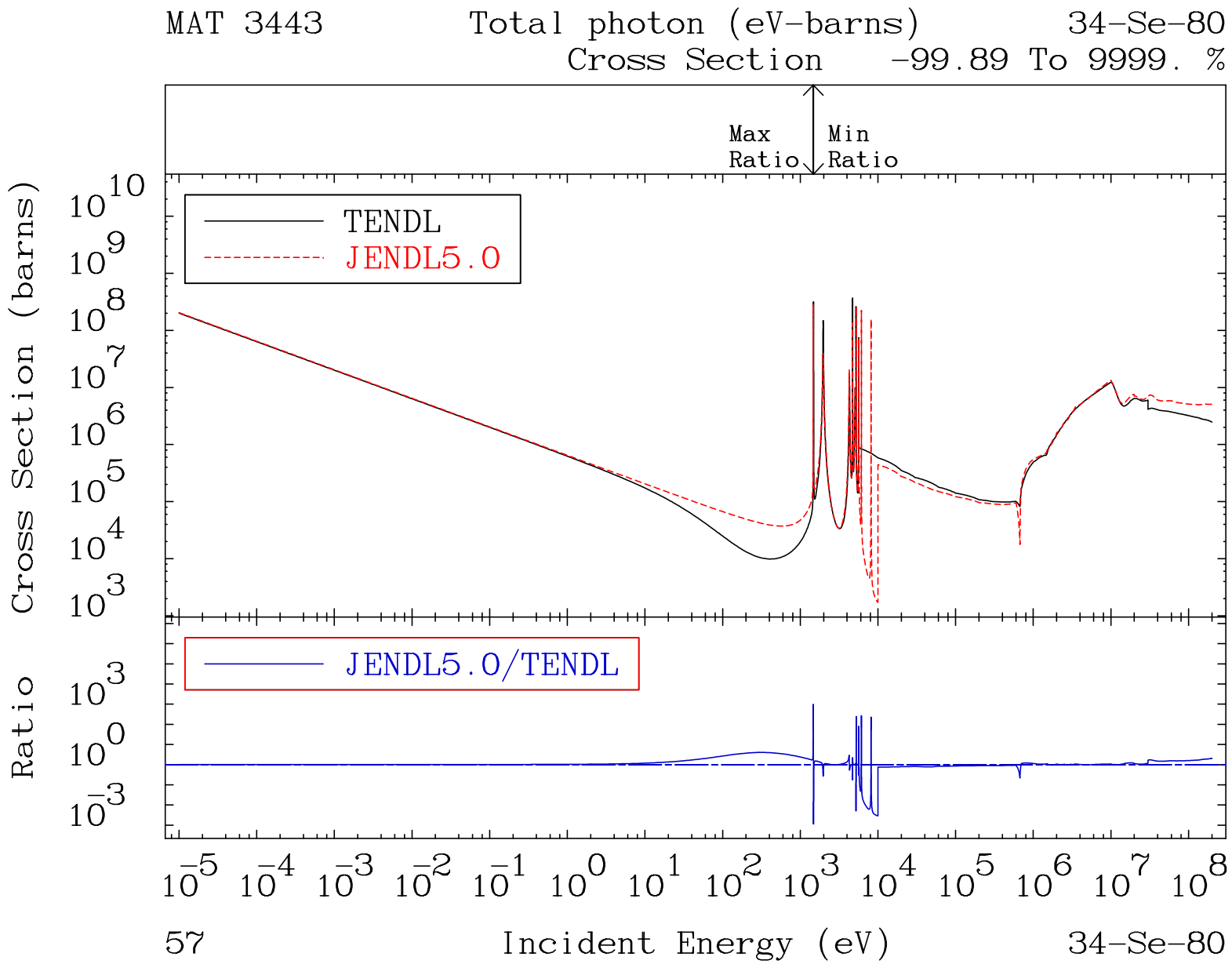

MAT 3443
Kerma elastic
Cross Section
34-Se-80
-99.99 To 2643. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
52
34-Se-80

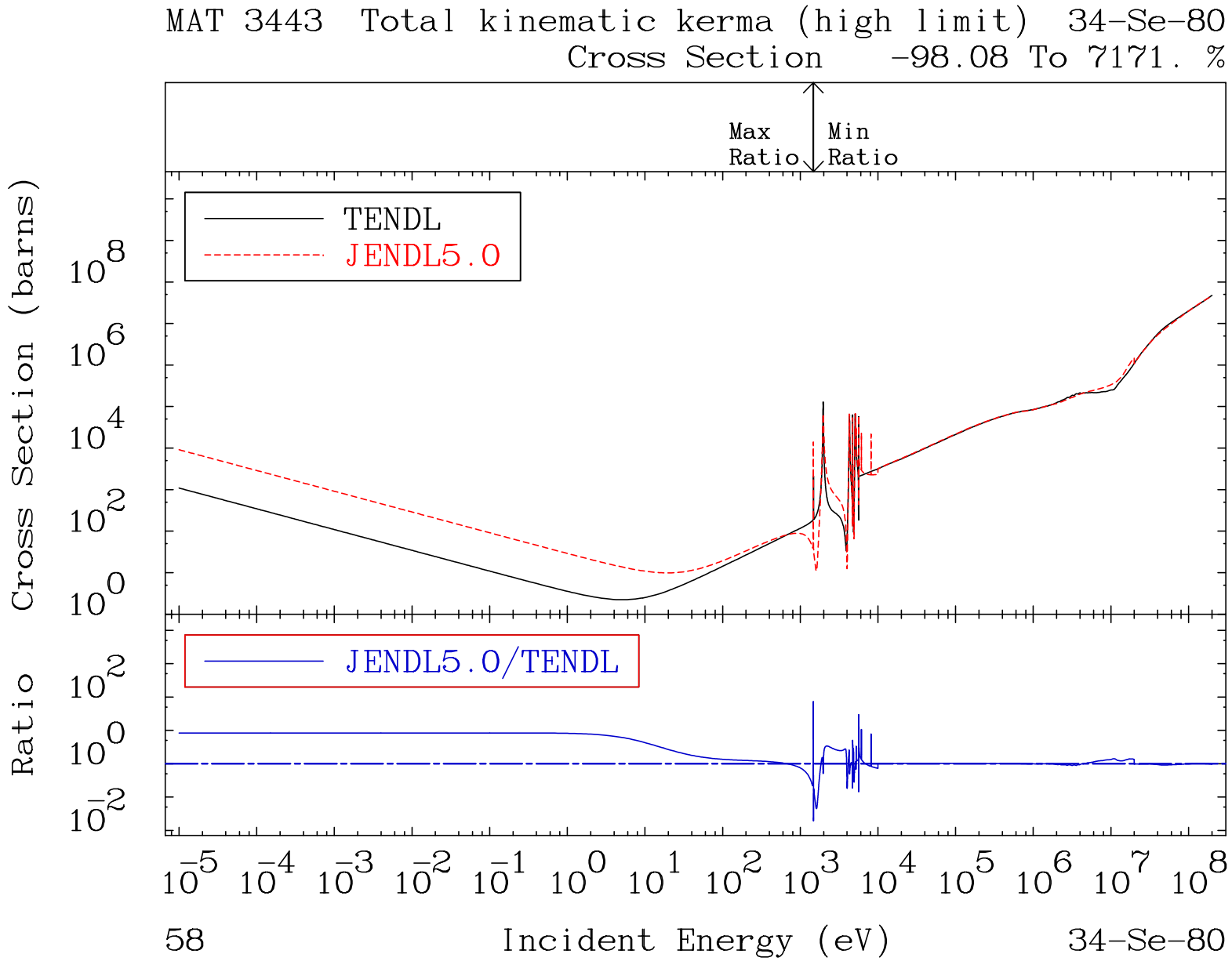

MAT 3443 Kerma non-elastic (all but mt2) 34-Se-80
Cross Section -442.8 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
53
34-Se-80

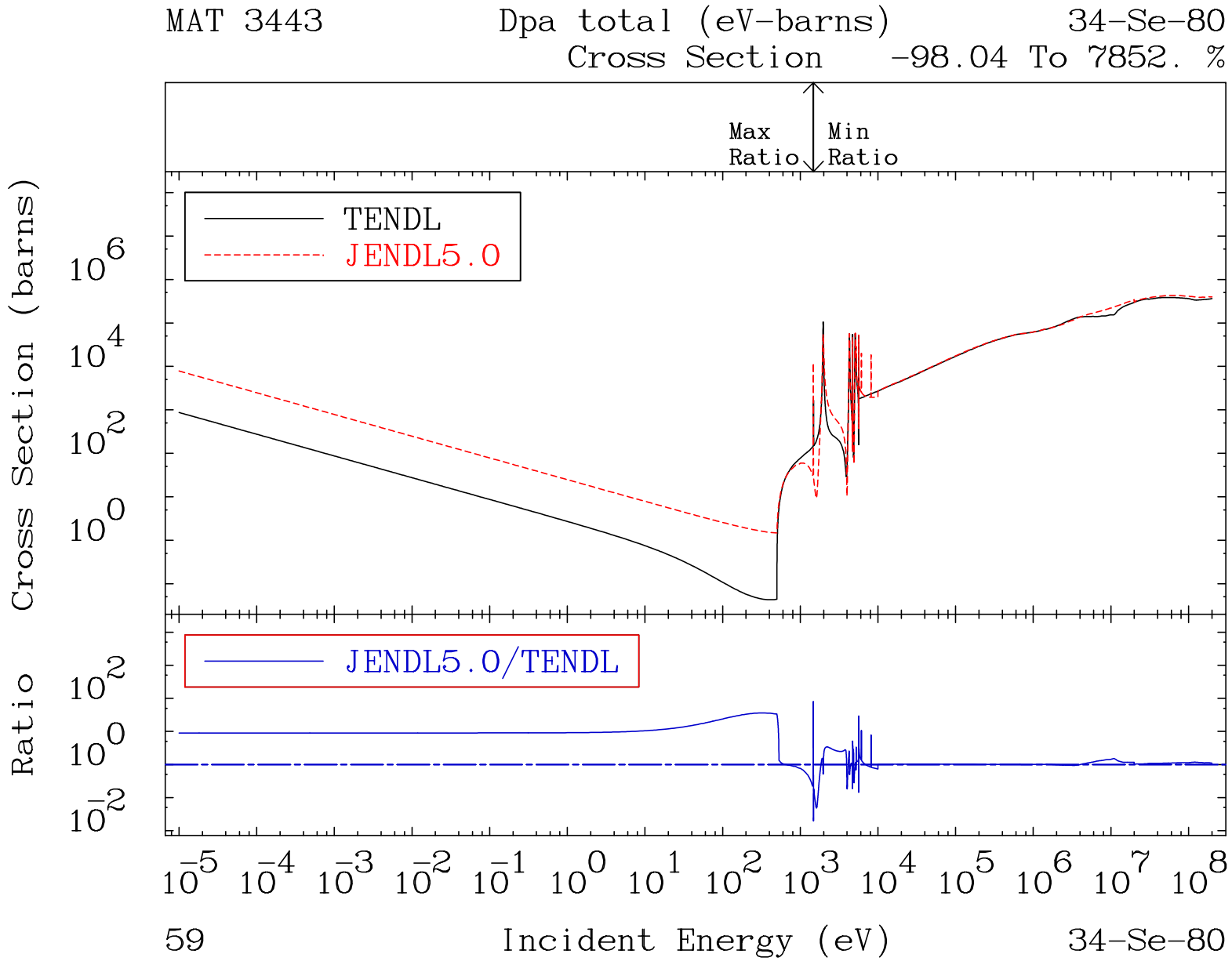

MAT 3443
Kerma inelastic (mt51-91)
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 674.68 keV
JENDL5.0 Threshold 674.57 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
54
34-Se-80

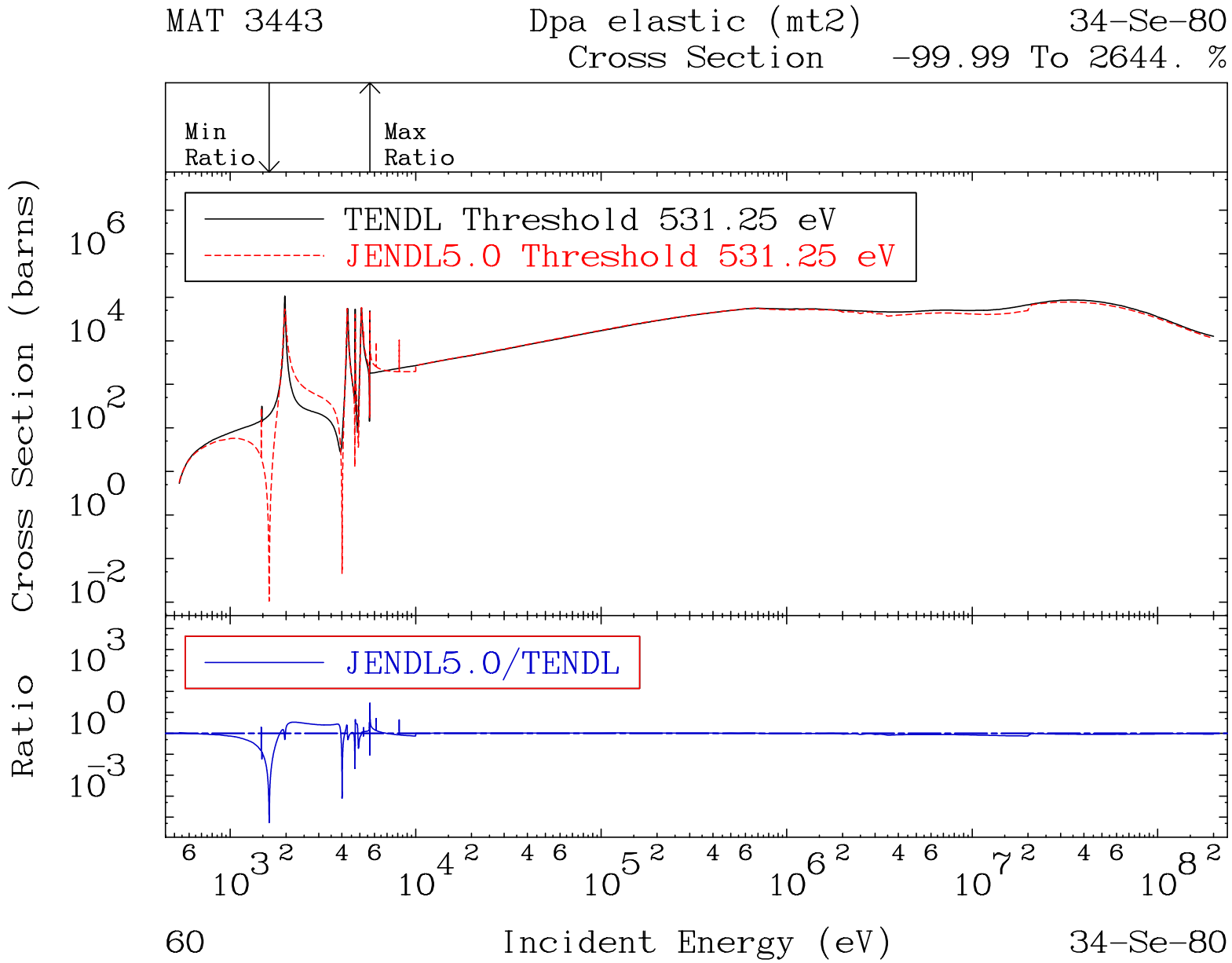

MAT 3443 Kerma fission (mt18 or mt19-20-21-38) 34-Se-80
Cross Section -100.0 To 9999. %
Max
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
300
200
100
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
55
Incident Energy (eV)
34-Se-80

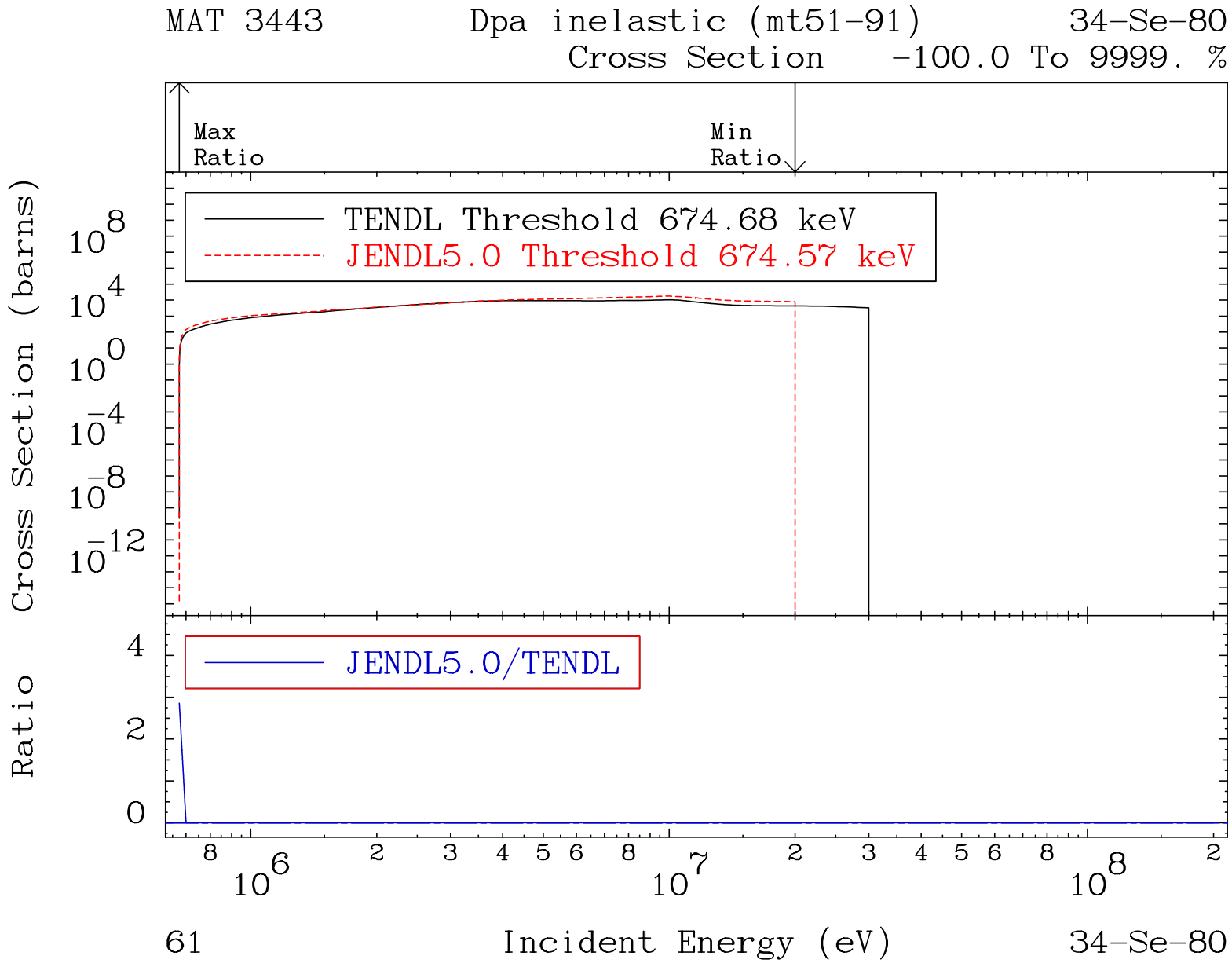

MAT 3443
Kerma capture (mt102)
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
56
34-Se-80

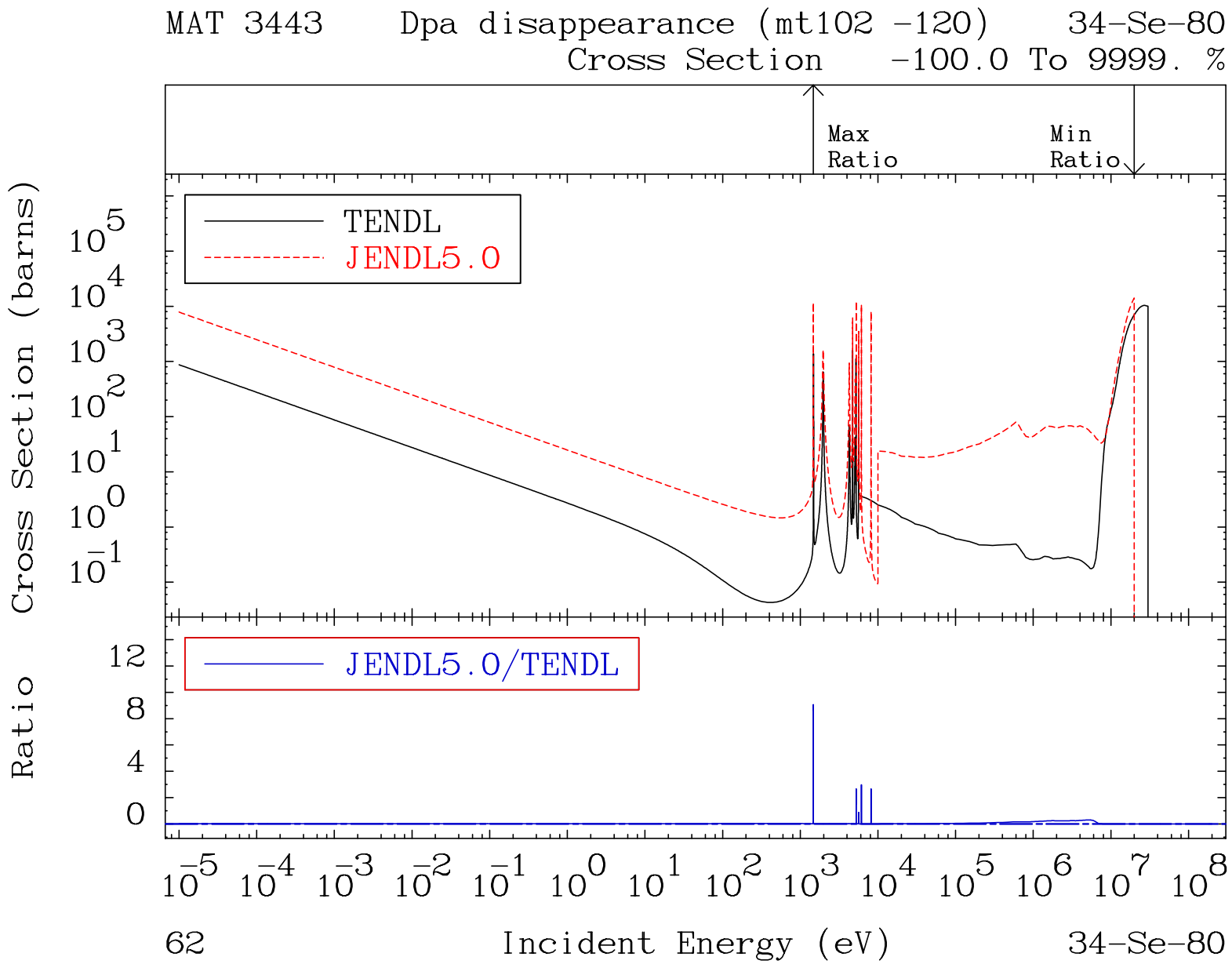

MAT 3443
Total photon (eV-barns)
34-Se-80
Cross Section -99.89 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
57
34-Se-80


MAT 3443 Total kinematic kerma (high limit) 34-Se-80
Cross Section -98.08 To 7171. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
Ratio
JENDL5.0/TENDL
Incident Energy (eV)
58
34-Se-80


MAT 3443
Dpa total (eV-barns)
34-Se-80
Cross Section
-98.04 To 7852. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
59
34-Se-80


MAT 3443
Dpa elastic (mt2)
Cross Section
34-Se-80
-99.99 To 2644. %
Min Ratio
Max Ratio
TENDL Threshold 531.25 eV
JENDL5.0 Threshold 531.25 eV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
60
34-Se-80


MAT 3443
Dpa inelastic (mt51-91)
34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 674.68 keV
JENDL5.0 Threshold 674.57 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
61
34-Se-80


MAT 3443 Dpa disappearance (mt102 -120) 34-Se-80
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
62
34-Se-80