Program Complot
(Version 2018-1)
by
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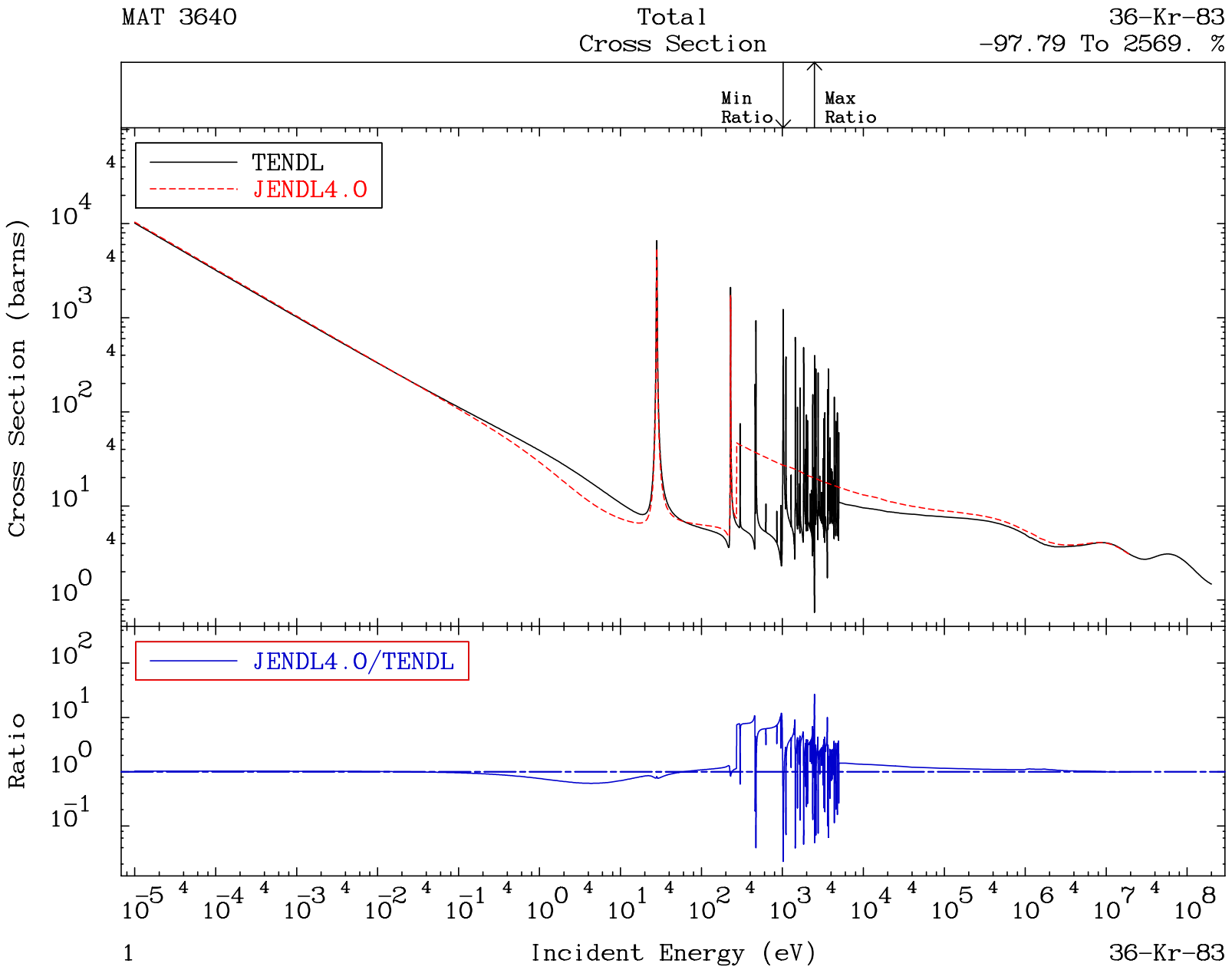
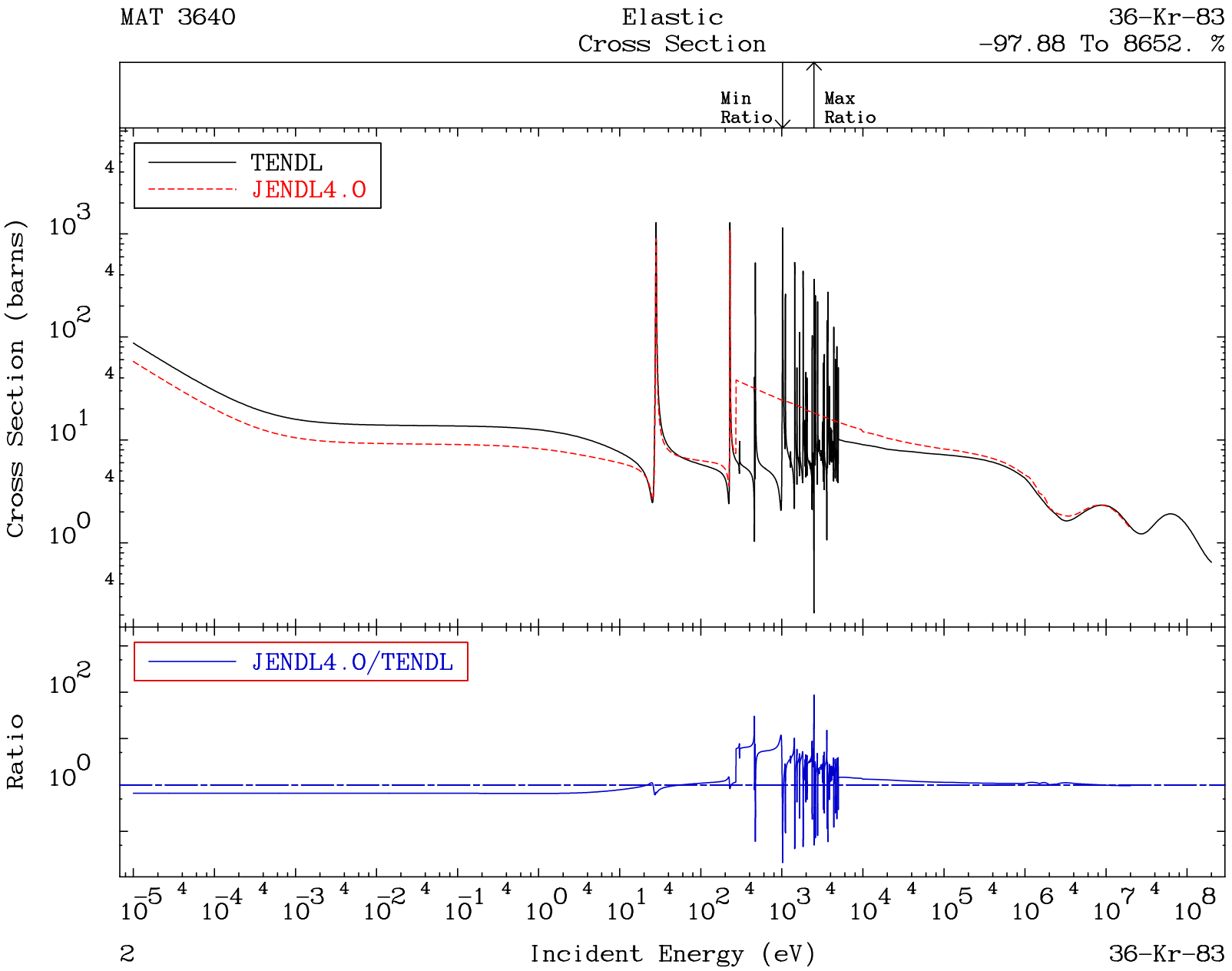
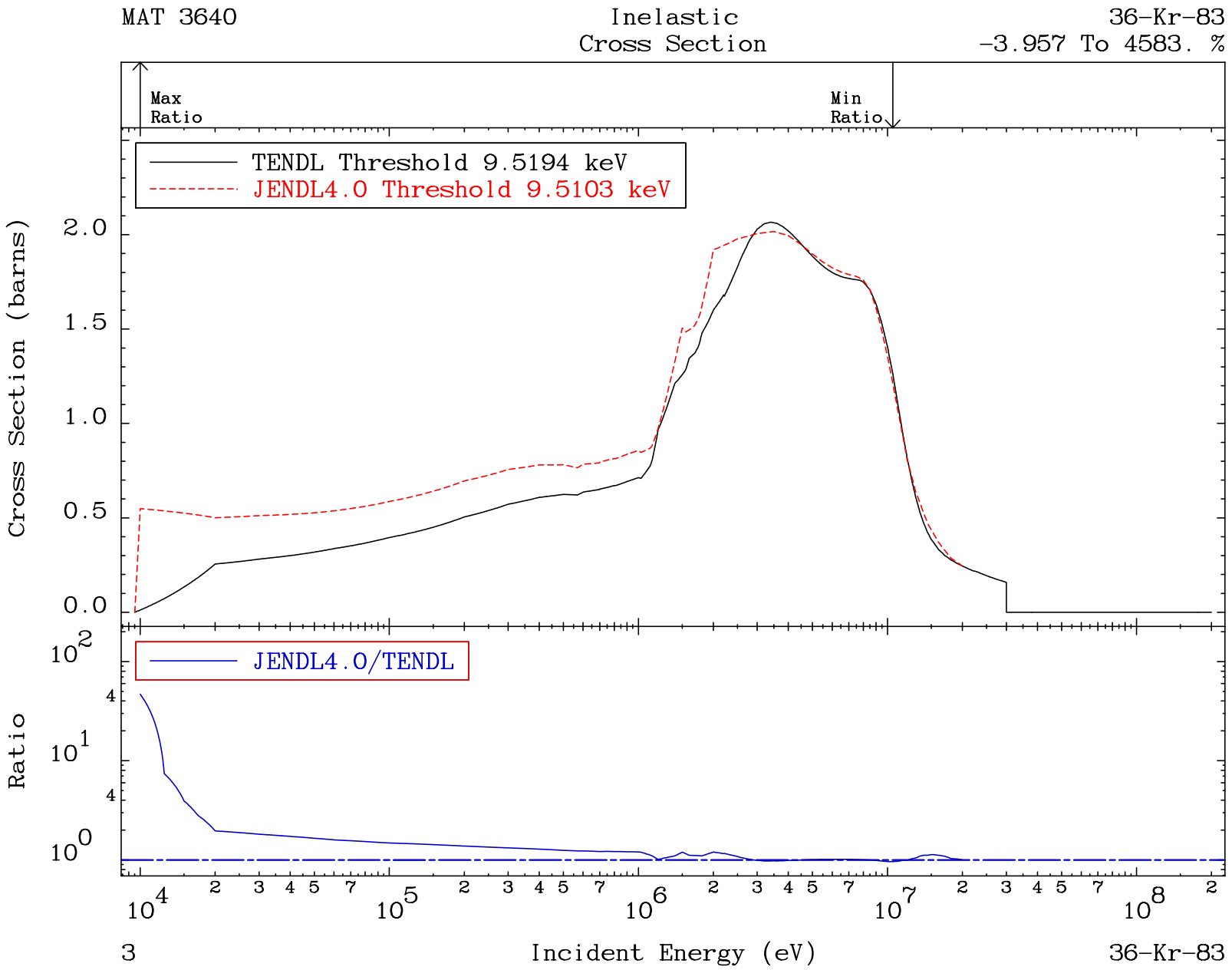
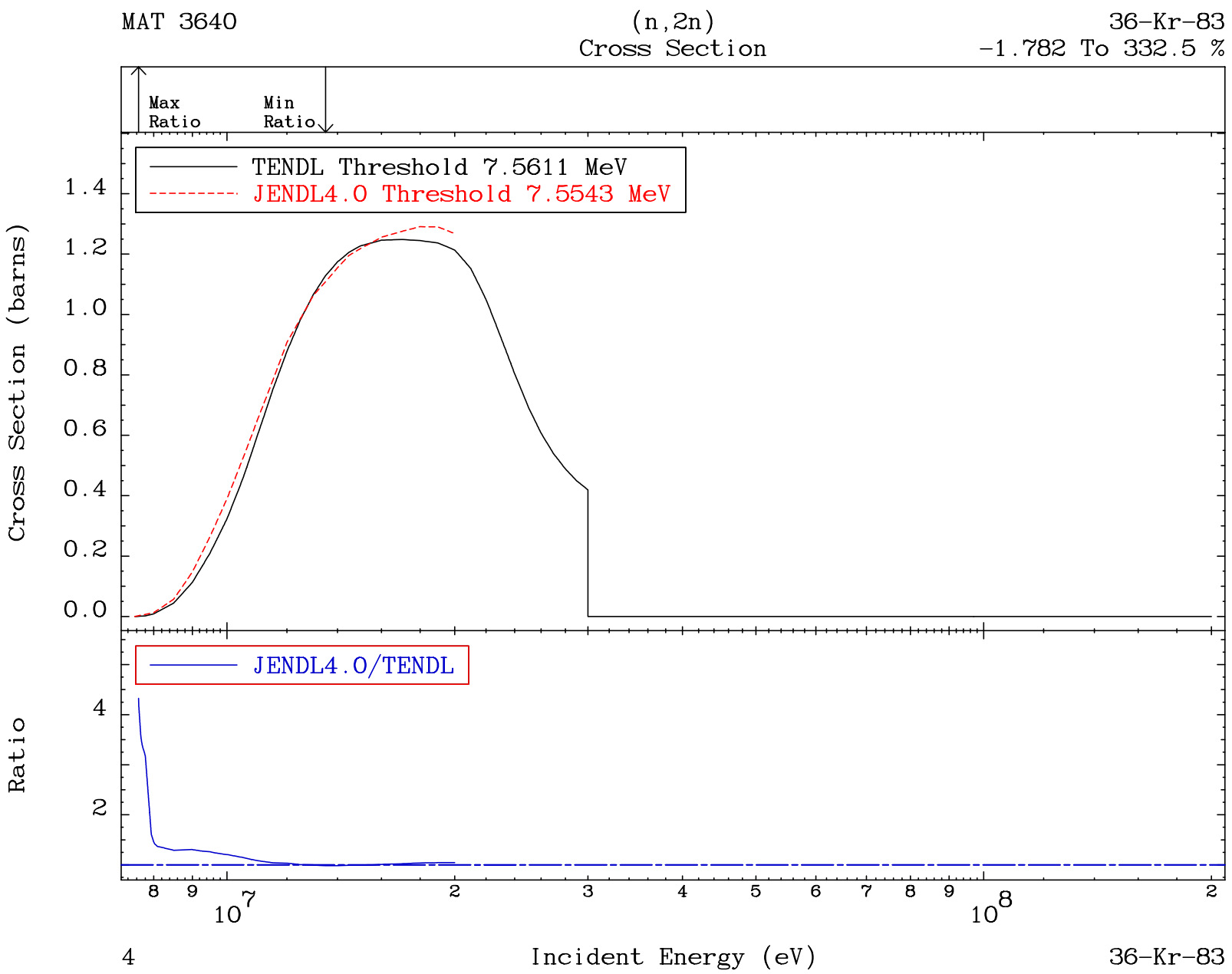
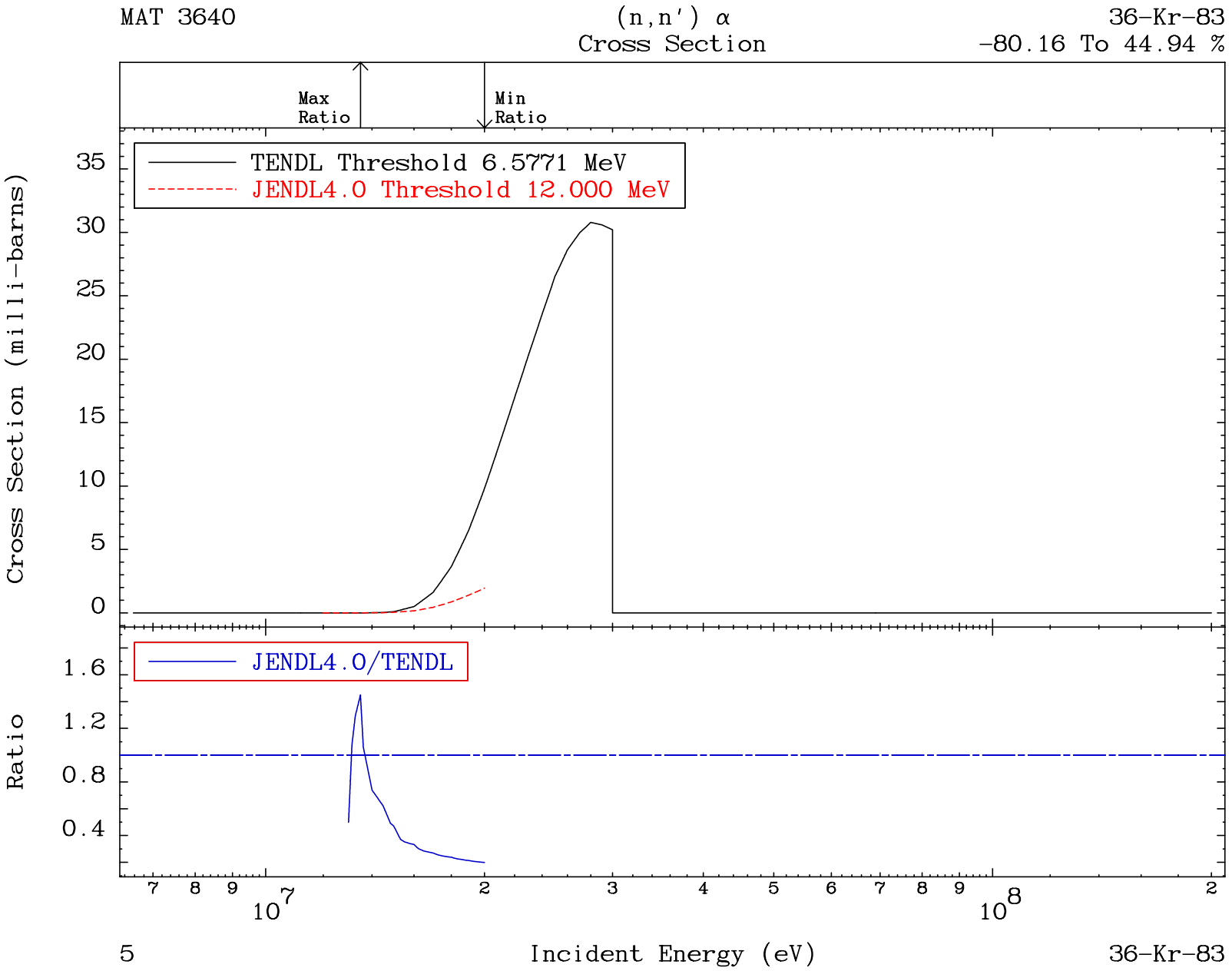
Press Mouse Button to Start

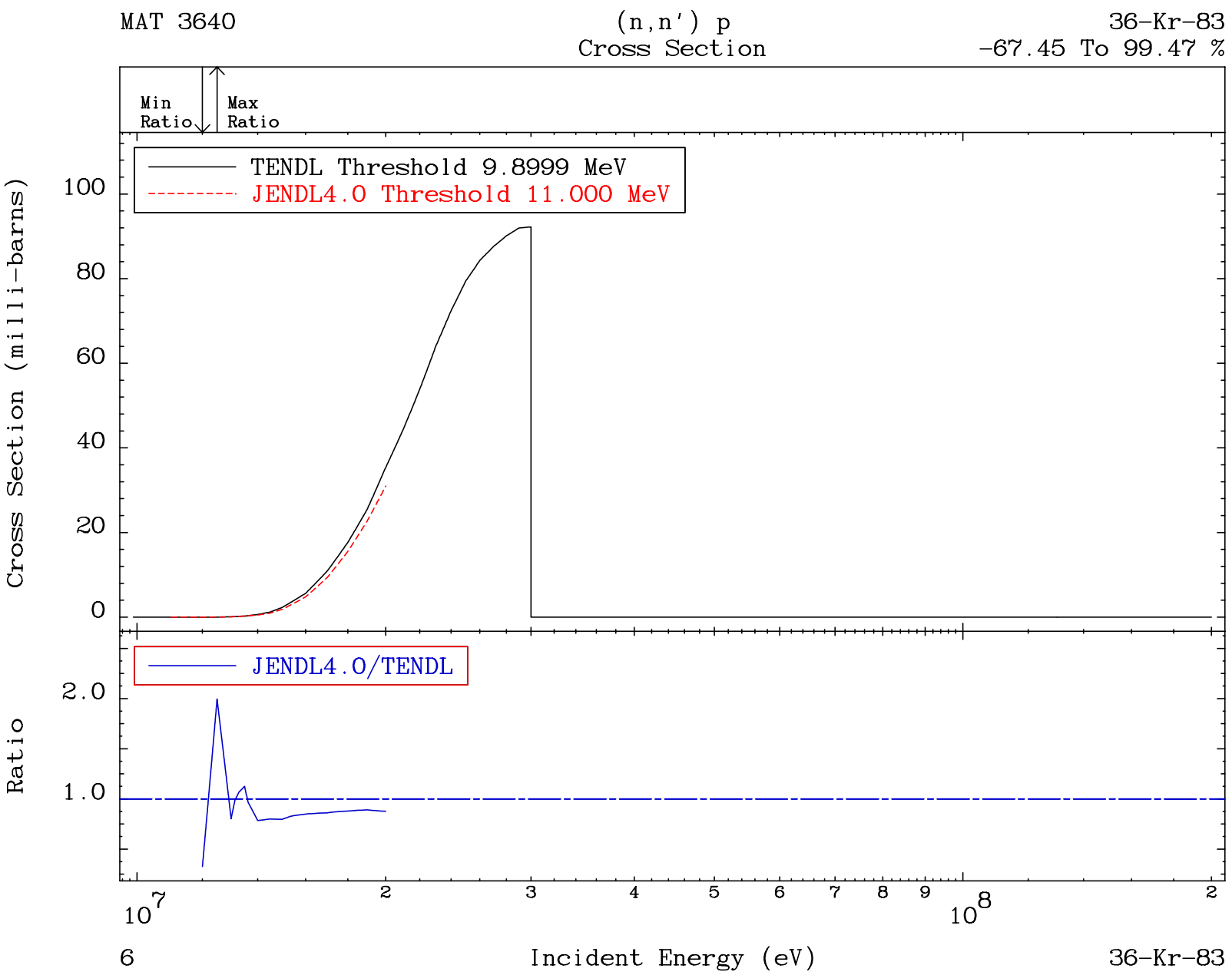

MAT 3640
Total
Cross Section
36-Kr-83
-97.79 To 2569. %
Min
Ratio
Max
Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
1
36-Kr-83

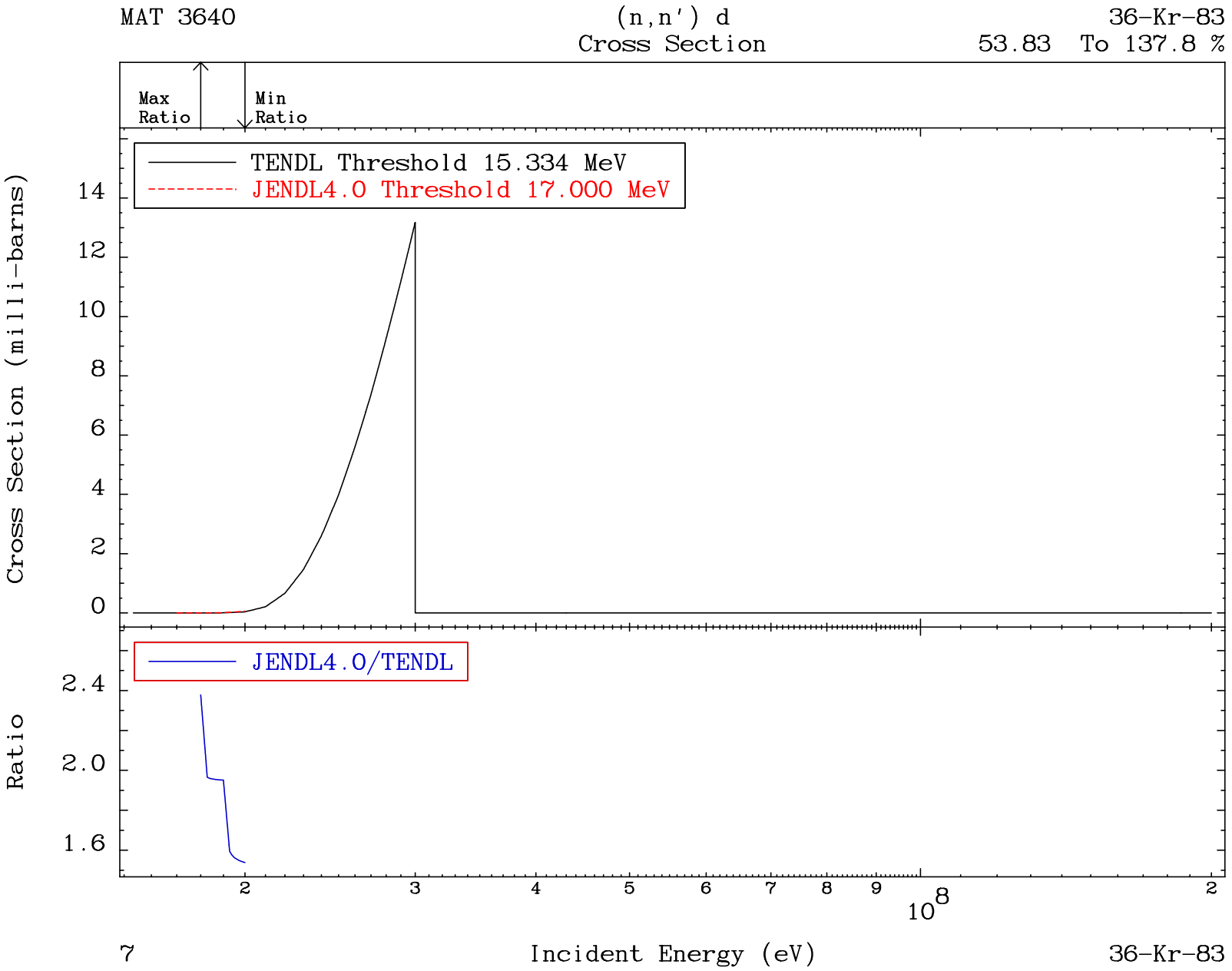

MAT 3640
Elastic
Cross Section
36-Kr-83
-97.88 To 8652. %
Min
Ratio
Max
Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
2
36-Kr-83

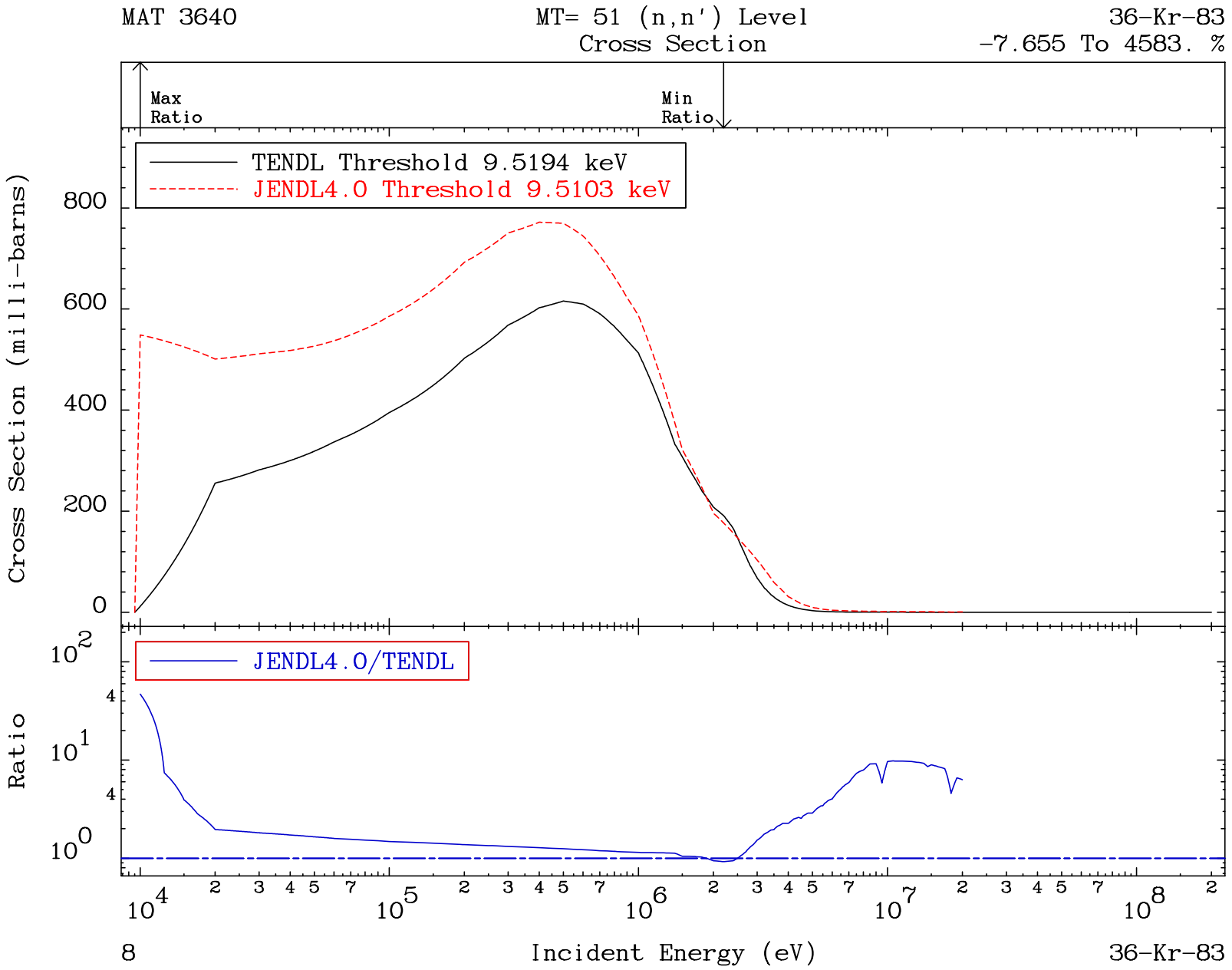

MAT 3640
Inelastic
Cross Section
36-Kr-83
-3.957 To 4583. %
Max
Ratio
Min
Ratio
TENDL Threshold 9.5194 keV
JENDL4.0 Threshold 9.5103 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JENDL4.0/TENDL
Ratio
10^2
4
10^1
4
10^0
10^4
2 3 4 5 7
10^5
2 3 4 5 7
10^6
2 3 4 5 7
10^7
2 3 4 5 7
10^8
2
3
Incident Energy (eV)
36-Kr-83

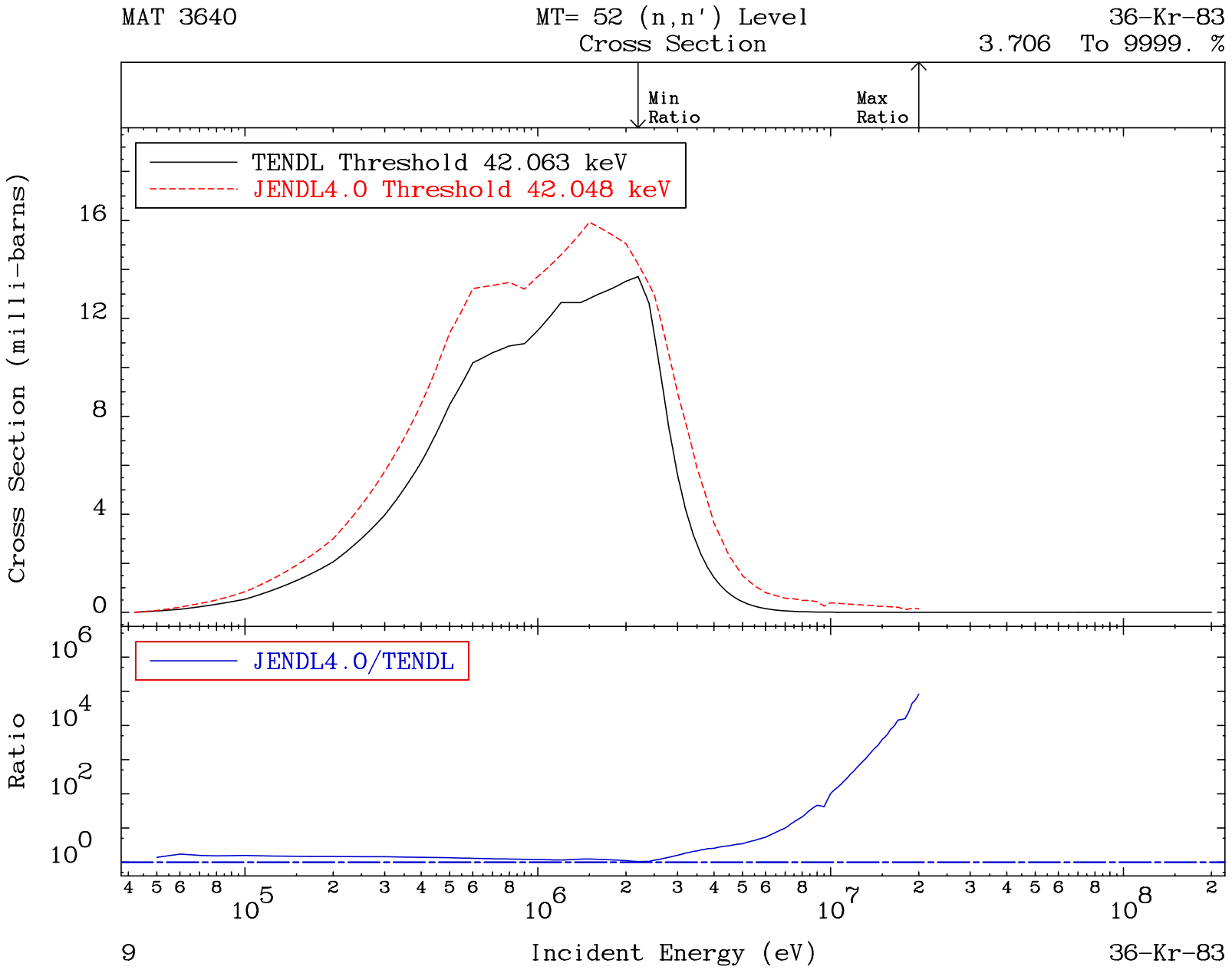

MAT 3640
(n,2n)
Cross Section
36-Kr-83
-1.782 To 332.5 %
Max Ratio
Min Ratio
TENDL Threshold 7.5611 MeV
JENDL4.0 Threshold 7.5543 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JENDL4.0/TENDL
Ratio
4
2
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
4
Incident Energy (eV)
36-Kr-83

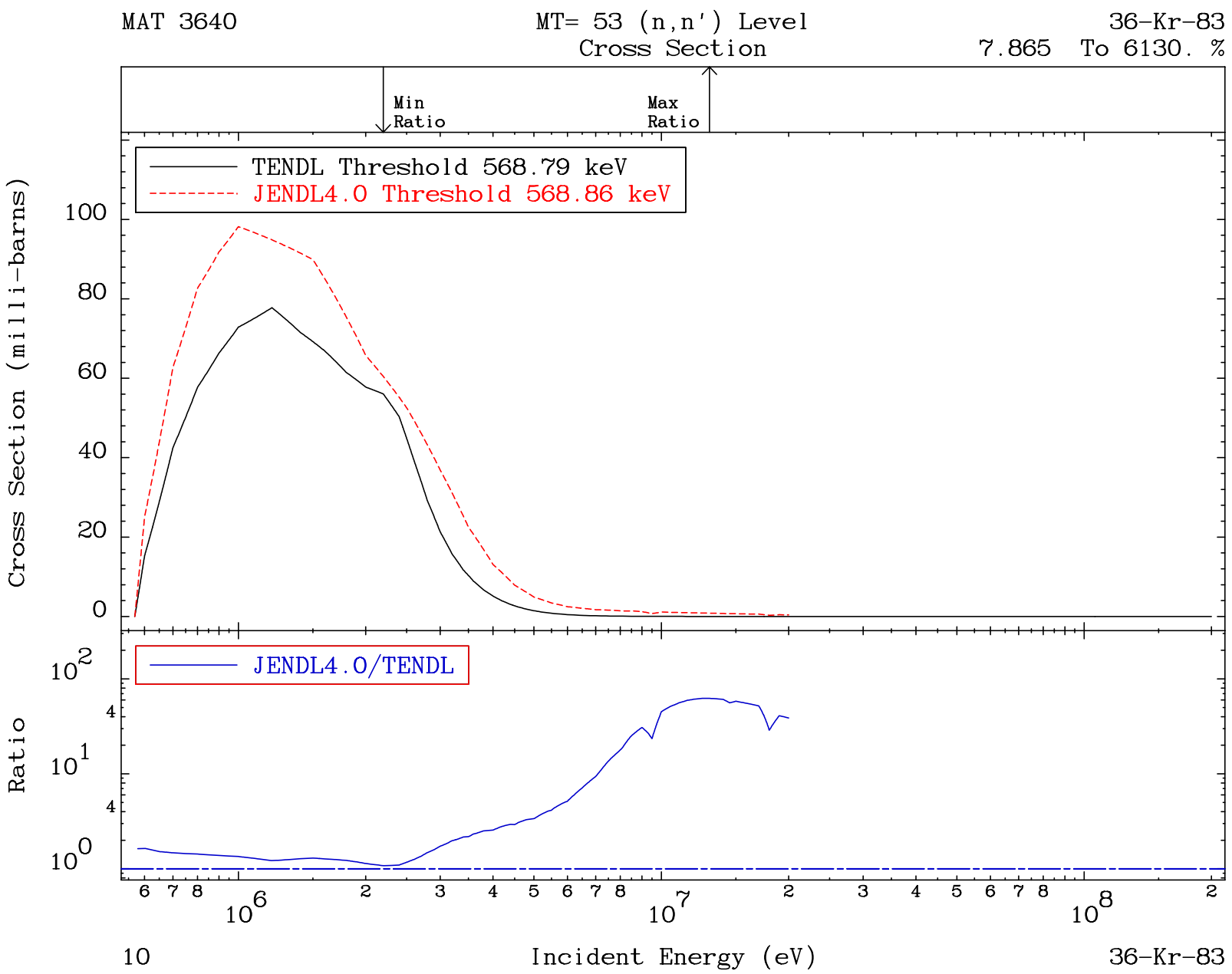

MAT 3640
(n,n') α
Cross Section
36-Kr-83
-80.16 To 44.94 %
Max Ratio
Min Ratio
TENDL Threshold 6.5771 MeV
JENDL4.0 Threshold 12.000 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
JENDL4.0/TENDL
Ratio
1.6
1.2
0.8
0.4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
5
Incident Energy (eV)
36-Kr-83

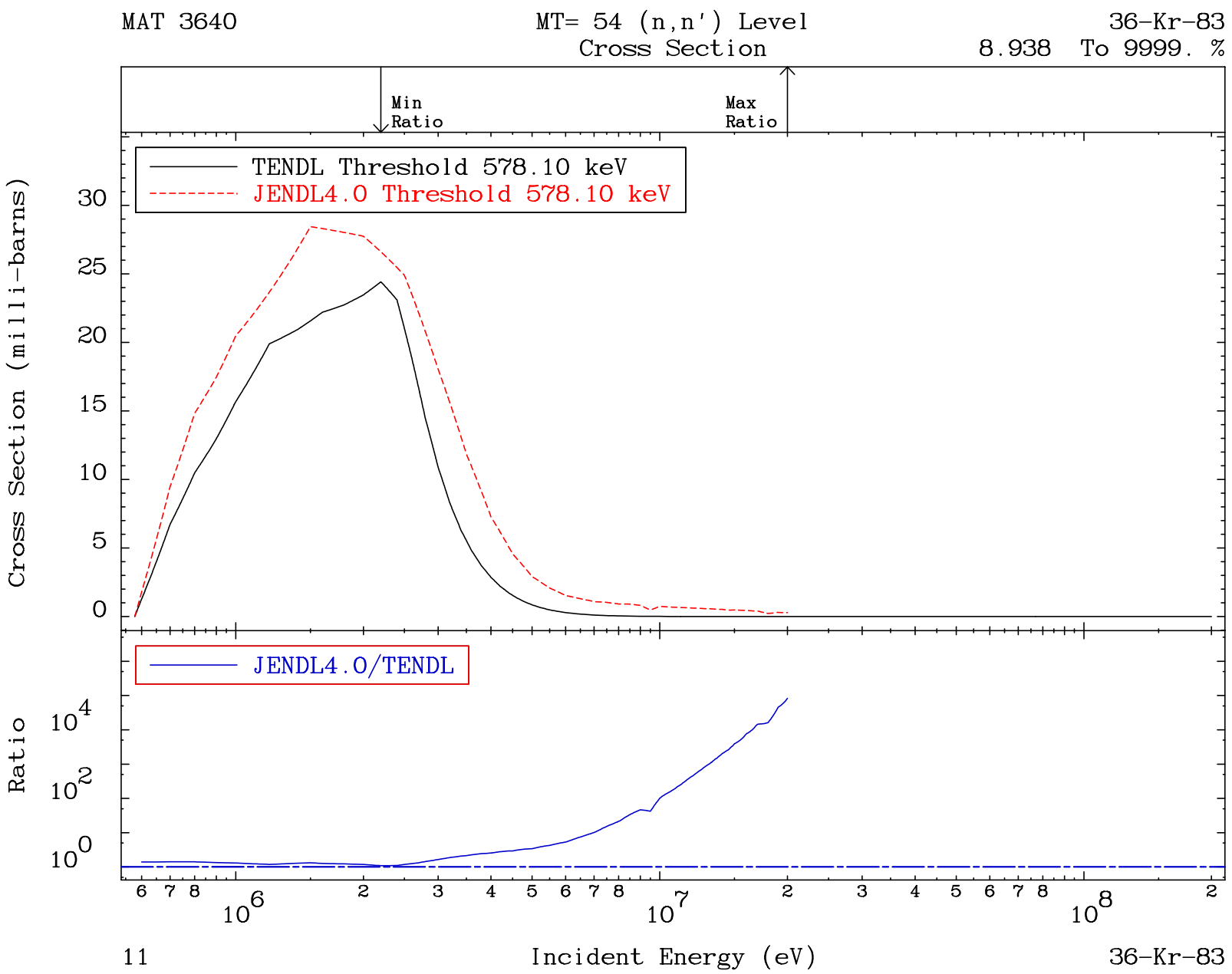

MAT 3640
(n,n') p
Cross Section
36-Kr-83
-67.45 To 99.47 %
Min Ratio
Max Ratio
TENDL Threshold 9.8999 MeV
JENDL4.0 Threshold 11.000 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
2.0
1.0
10^7
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
36-Kr-83

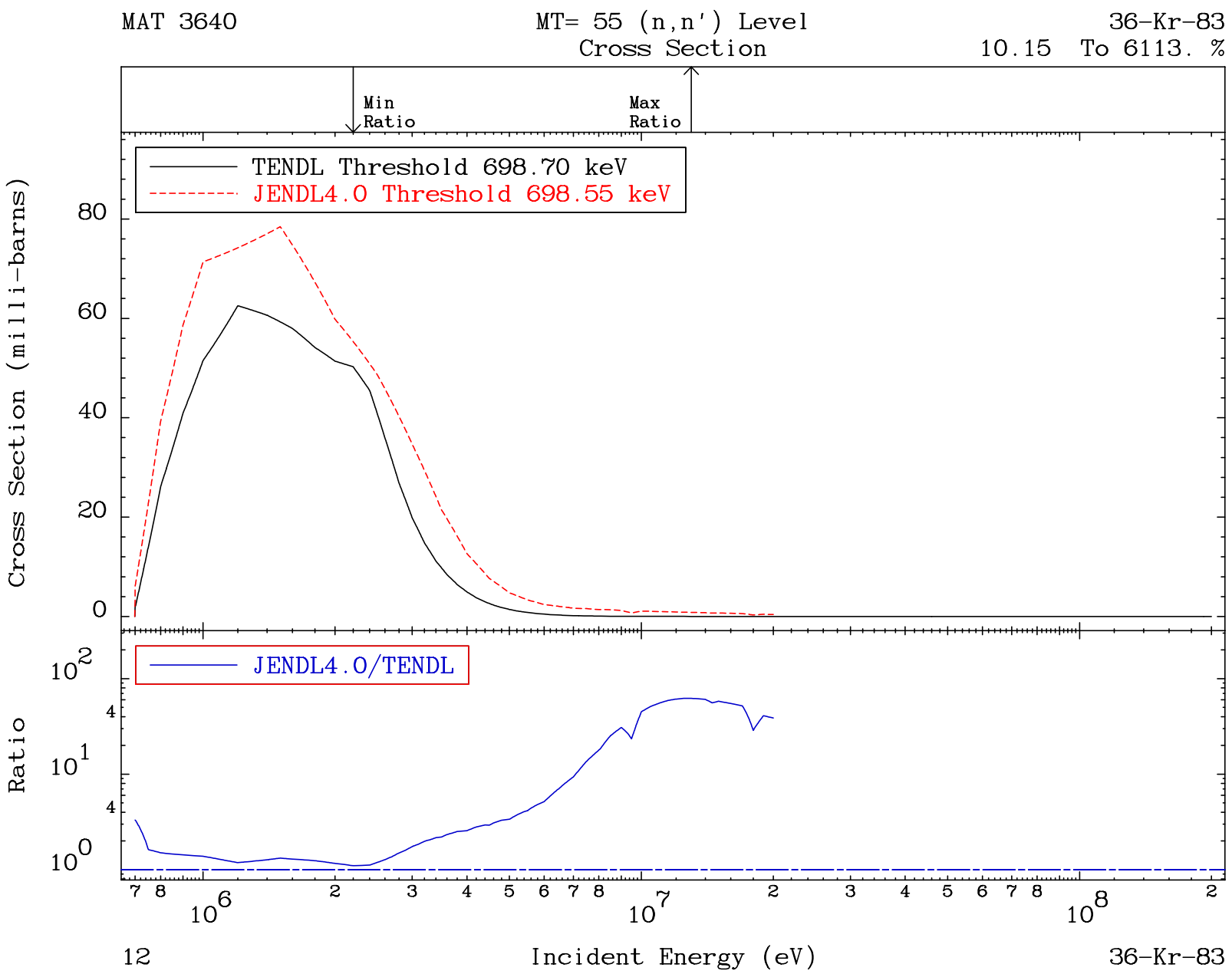

MAT 3640
(n,n') d
Cross Section
36-Kr-83
53.83 To 137.8 %
Max Ratio
Min Ratio
TENDL Threshold 15.334 MeV
JENDL4.0 Threshold 17.000 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
JENDL4.0/TENDL
Ratio
2.4
2.0
1.6
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
36-Kr-83

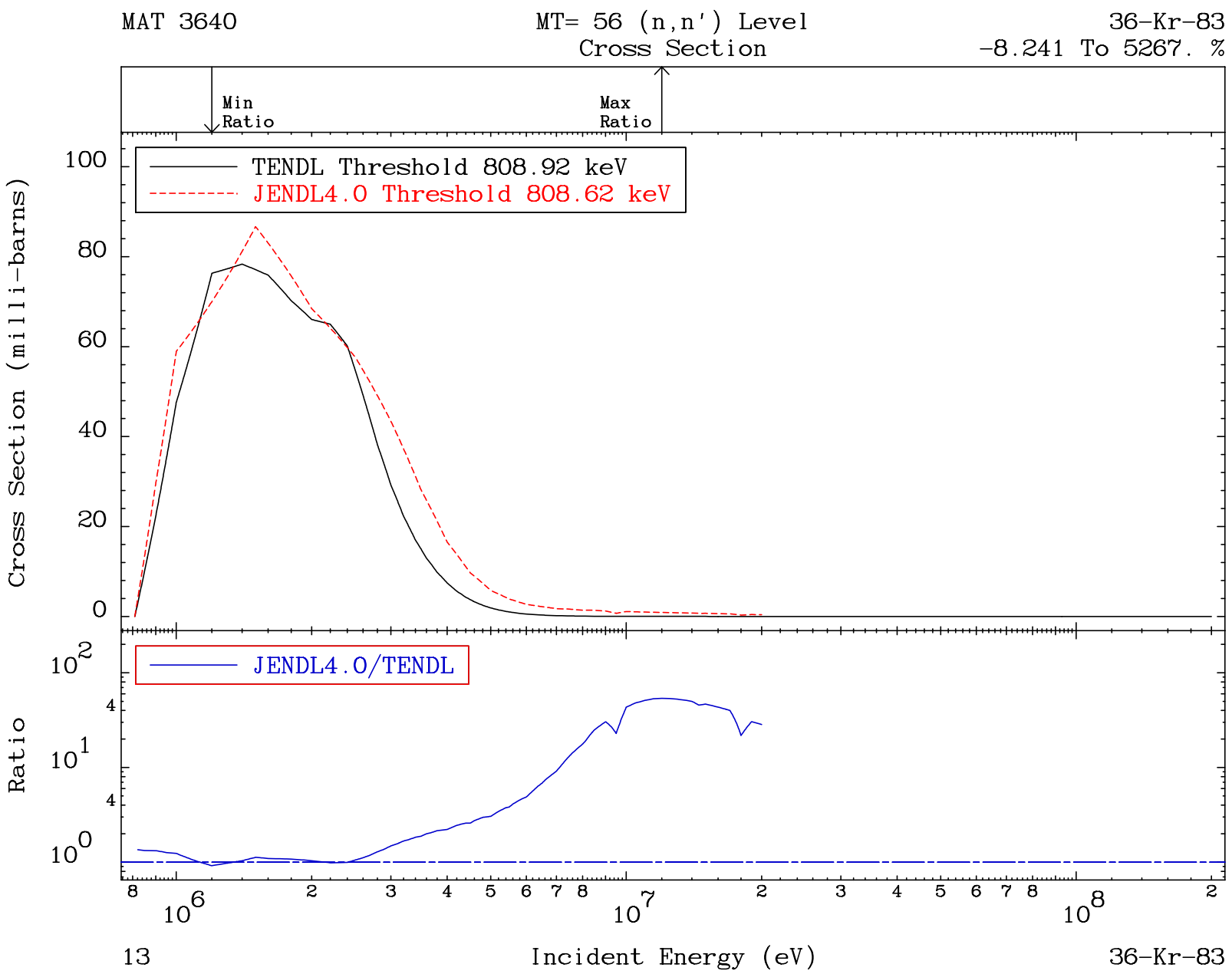

MAT 3640
MT= 51 (n,n') Level
Cross Section
36-Kr-83
-7.655 To 4583. %
Max
Ratio
Min
Ratio
TENDL Threshold 9.5194 keV
JENDL4.0 Threshold 9.5103 keV
Cross Section (milli-barns)
800
600
400
200
0
JENDL4.0/TENDL
Ratio
10^2
10^1
10^0
10^4
10^5
10^6
10^7
10^8
Incident Energy (eV)
8
36-Kr-83

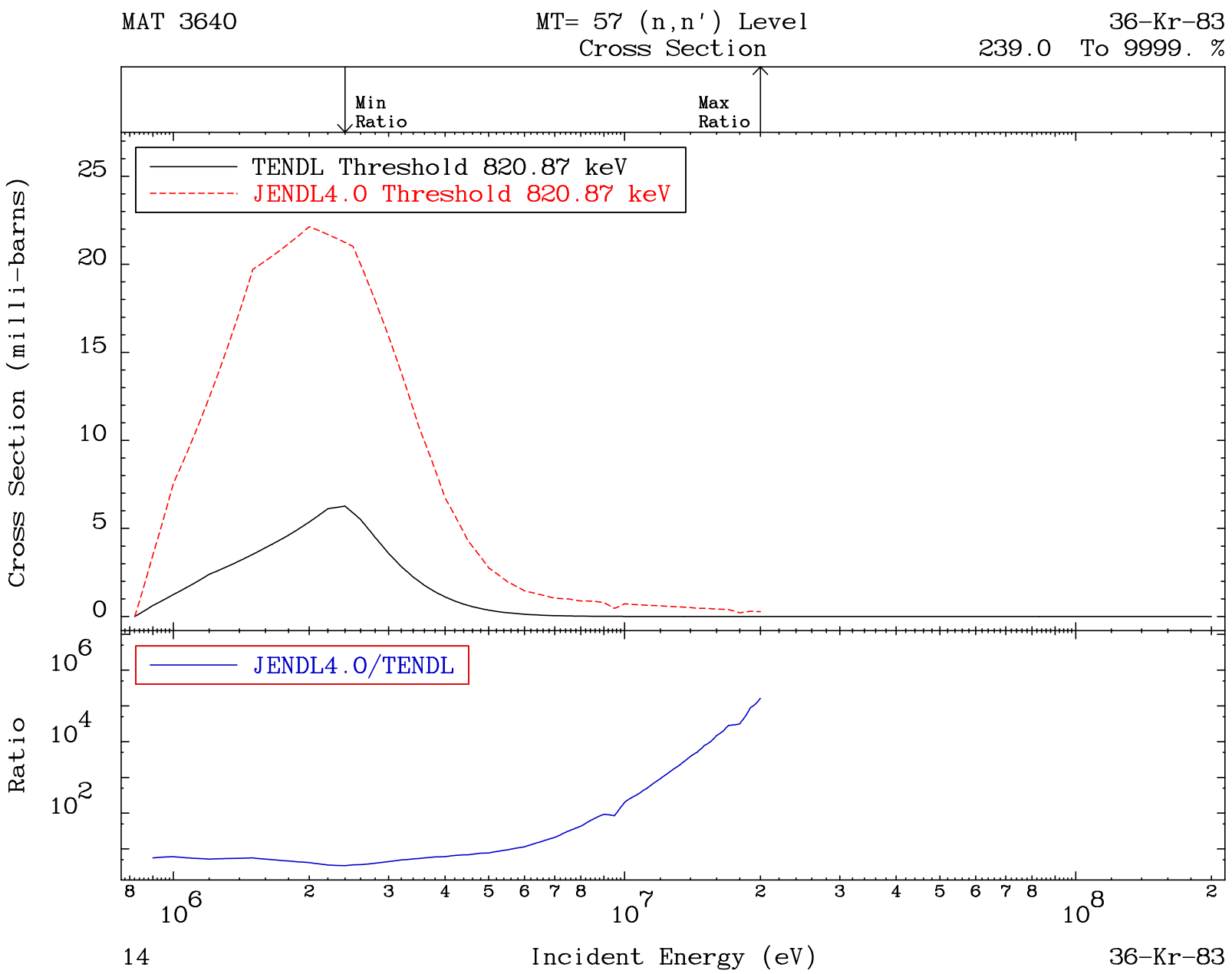

MAT 3640
MT= 52 (n,n') Level
Cross Section
36-Kr-83
3.706 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 42.063 keV
JENDL4.0 Threshold 42.048 keV
Cross Section (milli-barns)
16
12
8
4
0
JENDL4.0/TENDL
Ratio
10^6
10^4
10^2
10^0
4 5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
9
Incident Energy (eV)
36-Kr-83

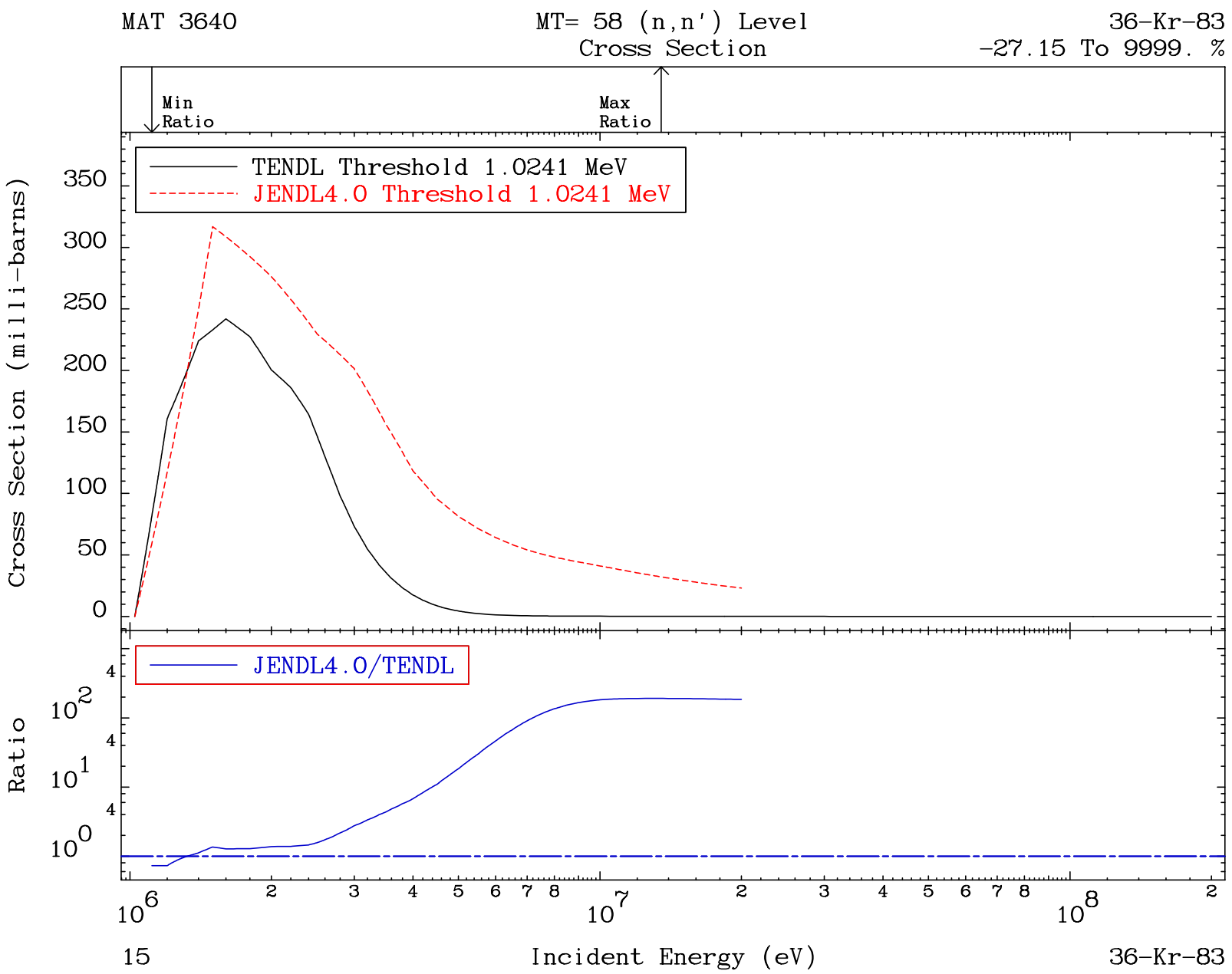

MAT 3640
MT= 53 (n,n') Level
Cross Section
36-Kr-83
7.865 To 6130. %
Min Ratio
Max Ratio
TENDL Threshold 568.79 keV
JENDL4.0 Threshold 568.86 keV
Cross Section (milli-barns)
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^2
10^1
10^0
6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
10
Incident Energy (eV)
36-Kr-83

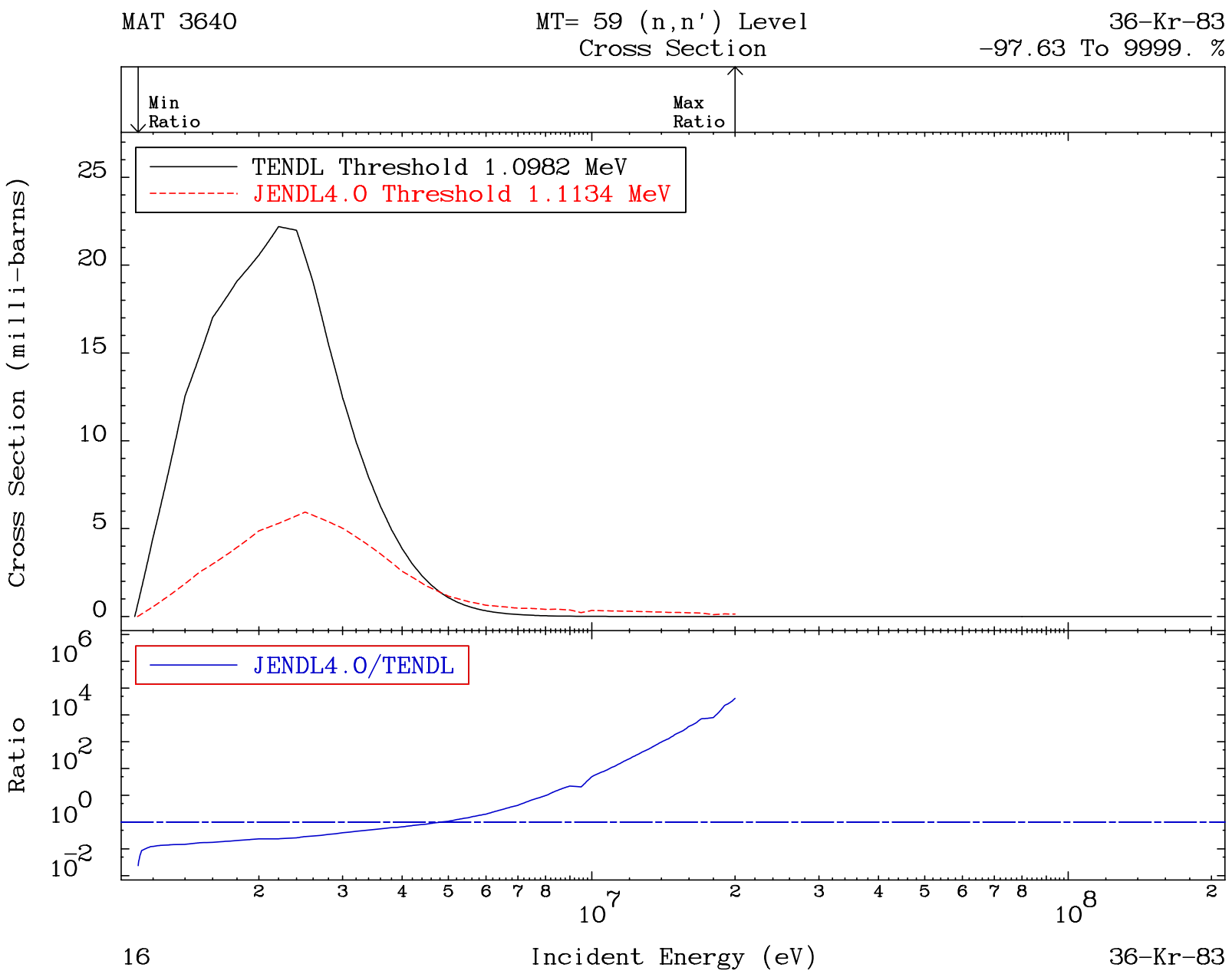

MAT 3640
MT= 54 (n,n') Level
Cross Section
36-Kr-83
8.938 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 578.10 keV
JENDL4.0 Threshold 578.10 keV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JENDL4.0/TENDL
Ratio
10^4
10^2
10^0
6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
11
Incident Energy (eV)
36-Kr-83

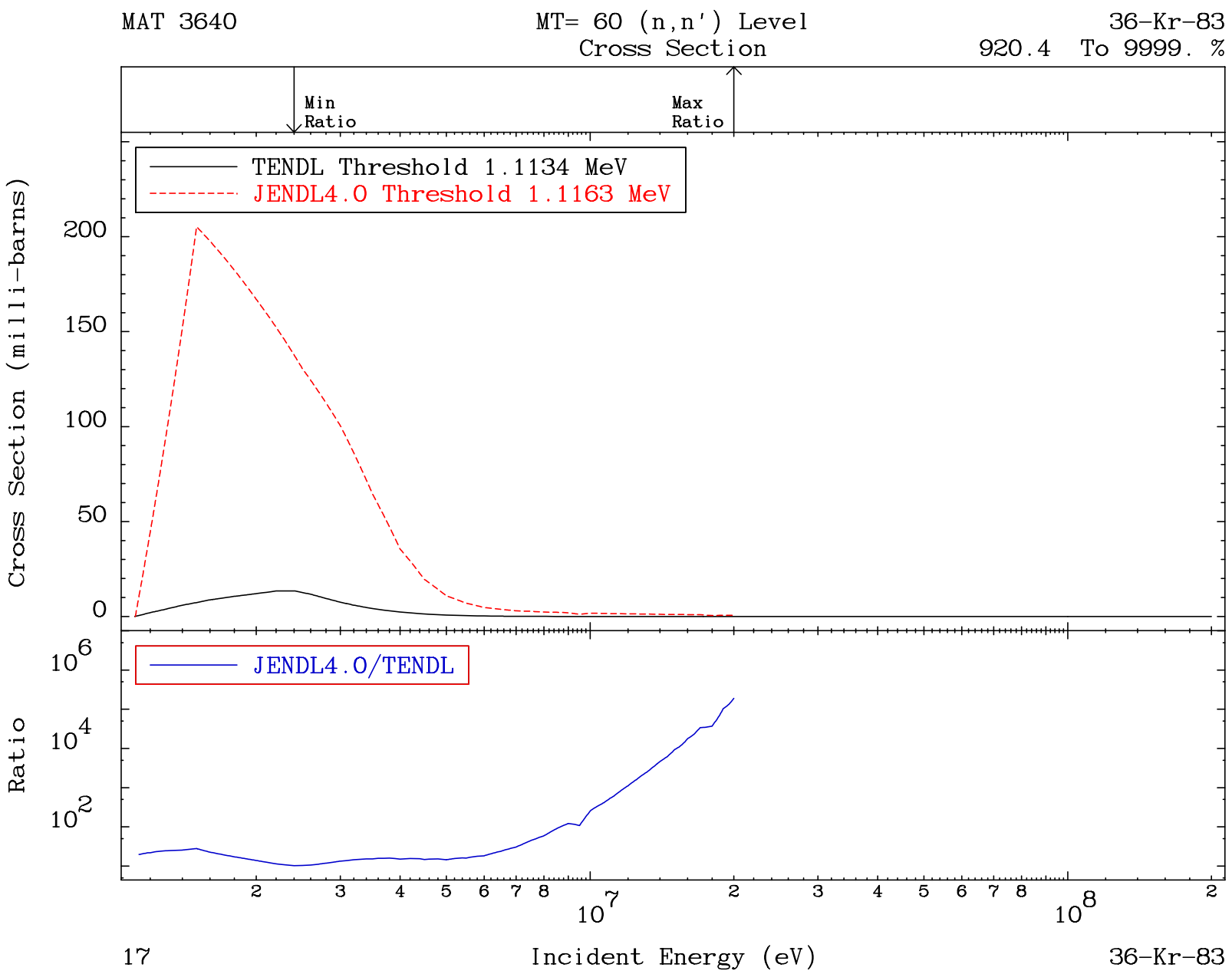

MAT 3640
MT= 55 (n,n') Level
Cross Section
36-Kr-83
10.15 To 6113. %
Min Ratio
Max Ratio
TENDL Threshold 698.70 keV
JENDL4.0 Threshold 698.55 keV
Cross Section (milli-barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
12
36-Kr-83

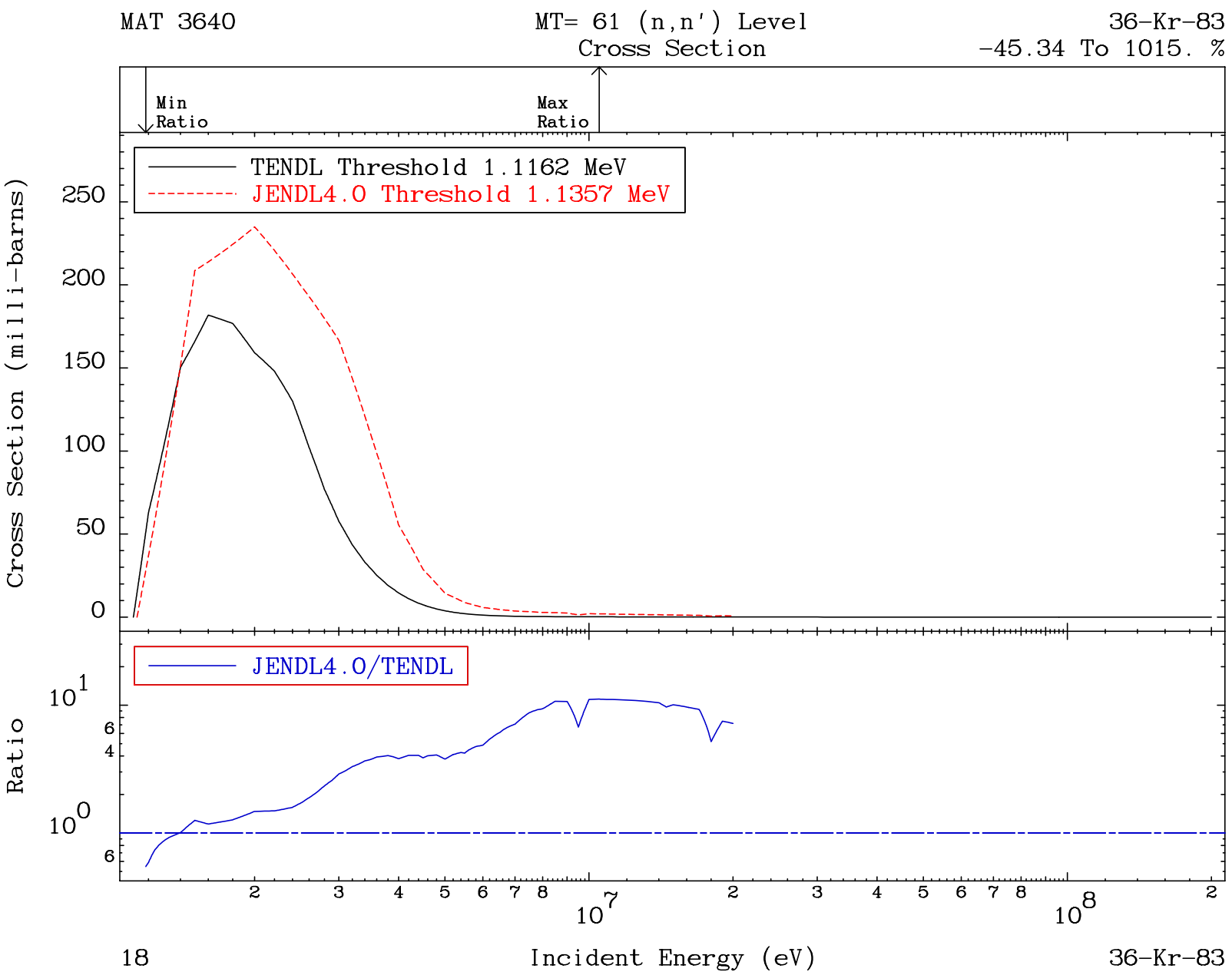

MAT 3640
MT= 56 (n,n') Level
Cross Section
36-Kr-83
-8.241 To 5267. %
Min
Ratio
Max
Ratio
TENDL Threshold 808.92 keV
JENDL4.0 Threshold 808.62 keV
Cross Section (milli-barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
13
36-Kr-83

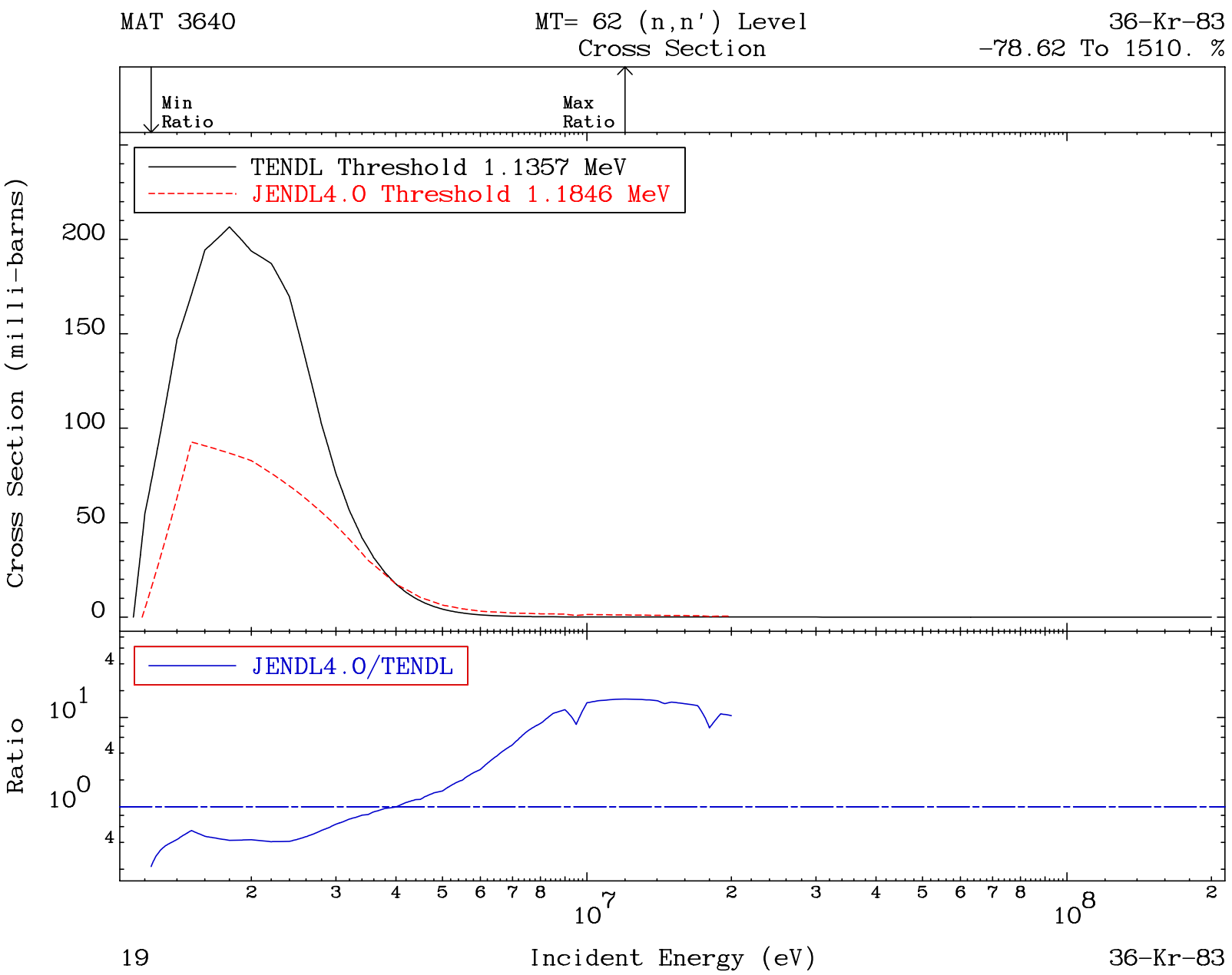

MAT 3640
MT= 57 (n,n') Level
Cross Section
36-Kr-83
239.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 820.87 keV
JENDL4.0 Threshold 820.87 keV
Cross Section (milli-barns)
25
20
15
10
5
0
JENDL4.0/TENDL
Ratio
10^6
10^4
10^2
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
14
Incident Energy (eV)
36-Kr-83

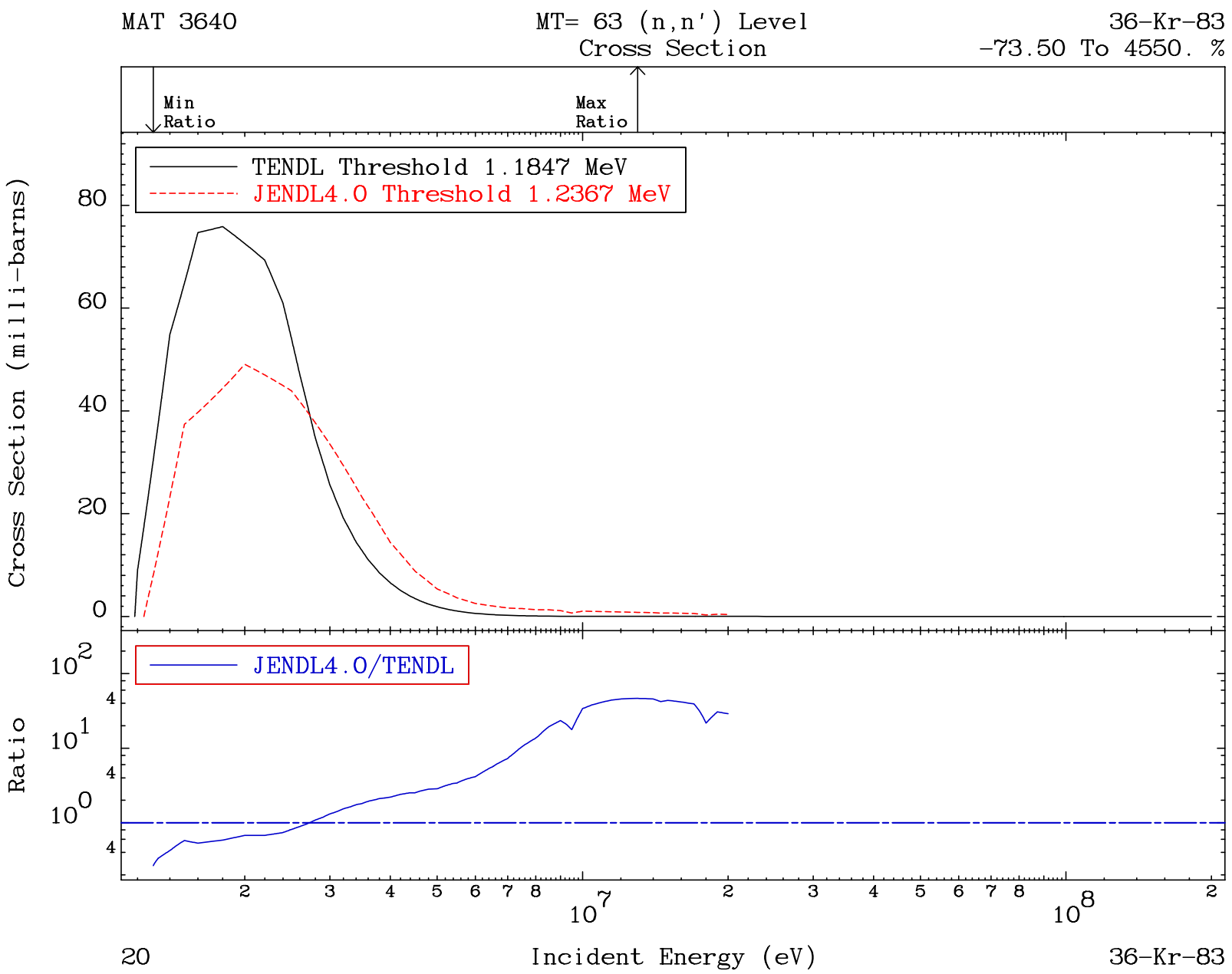

MAT 3640
MT= 58 (n,n') Level
Cross Section
36-Kr-83
-27.15 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.0241 MeV
JENDL4.0 Threshold 1.0241 MeV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
JENDL4.0/TENDL
Ratio
10^2
10^1
10^0
10^6
10^7
10^8
Incident Energy (eV)
15
36-Kr-83

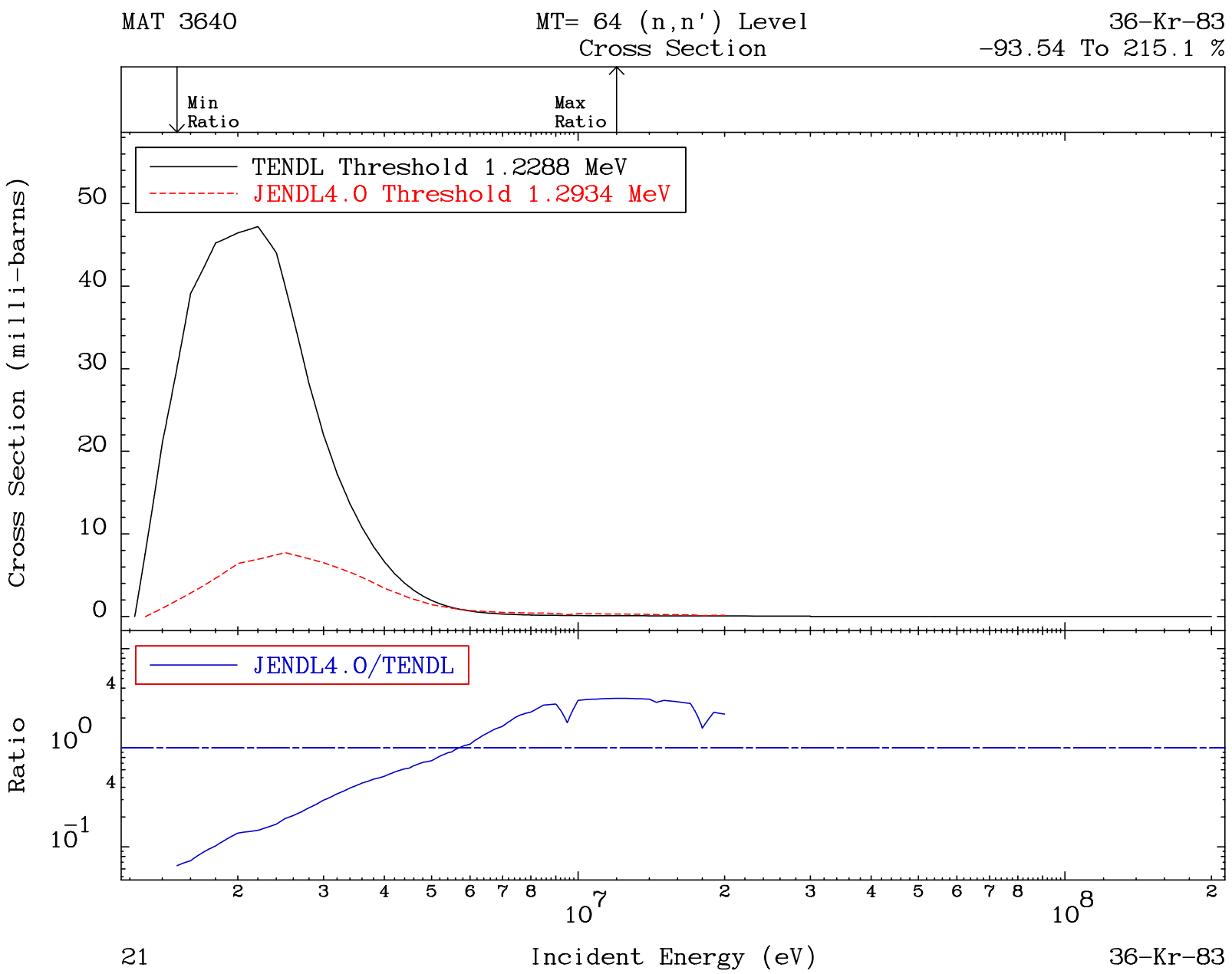

MAT 3640
MT= 59 (n,n') Level
Cross Section
36-Kr-83
-97.63 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.0982 MeV
JENDL4.0 Threshold 1.1134 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
JENDL4.0/TENDL
Ratio
10^6
10^4
10^2
10^0
10^-2
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
16
Incident Energy (eV)
36-Kr-83

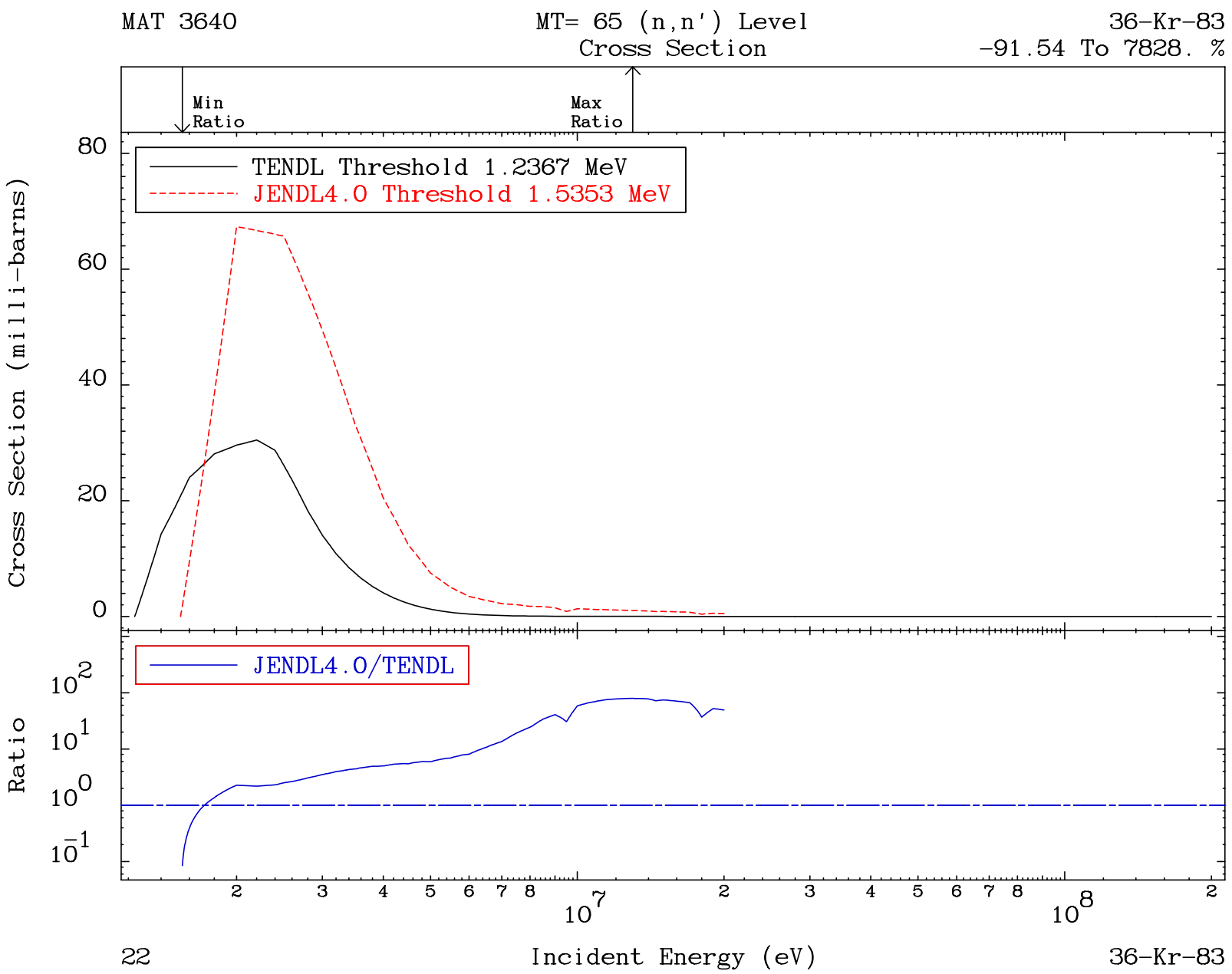

MAT 3640
MT= 60 (n,n') Level
Cross Section
36-Kr-83
920.4 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.1134 MeV
JENDL4.0 Threshold 1.1163 MeV
Cross Section (milli-barns)
200
150
100
50
0
JENDL4.0/TENDL
Ratio
10^6
10^4
10^2
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
17
Incident Energy (eV)
36-Kr-83

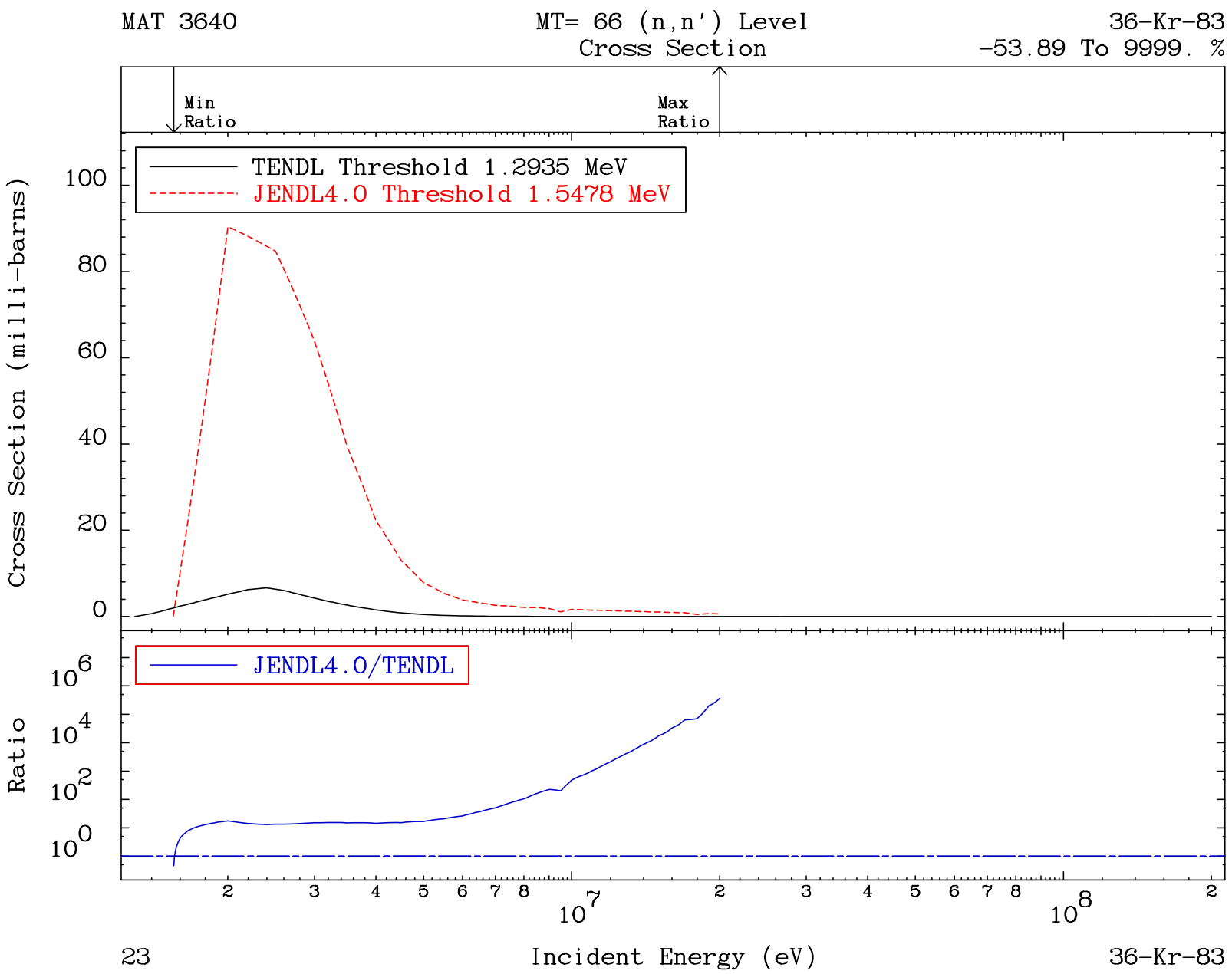

MAT 3640
MT= 61 (n,n') Level
Cross Section
36-Kr-83
-45.34 To 1015. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.1162 MeV
JENDL4.0 Threshold 1.1357 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JENDL4.0/TENDL
Ratio
10^1
6
4
10^0
6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
18
Incident Energy (eV)
36-Kr-83

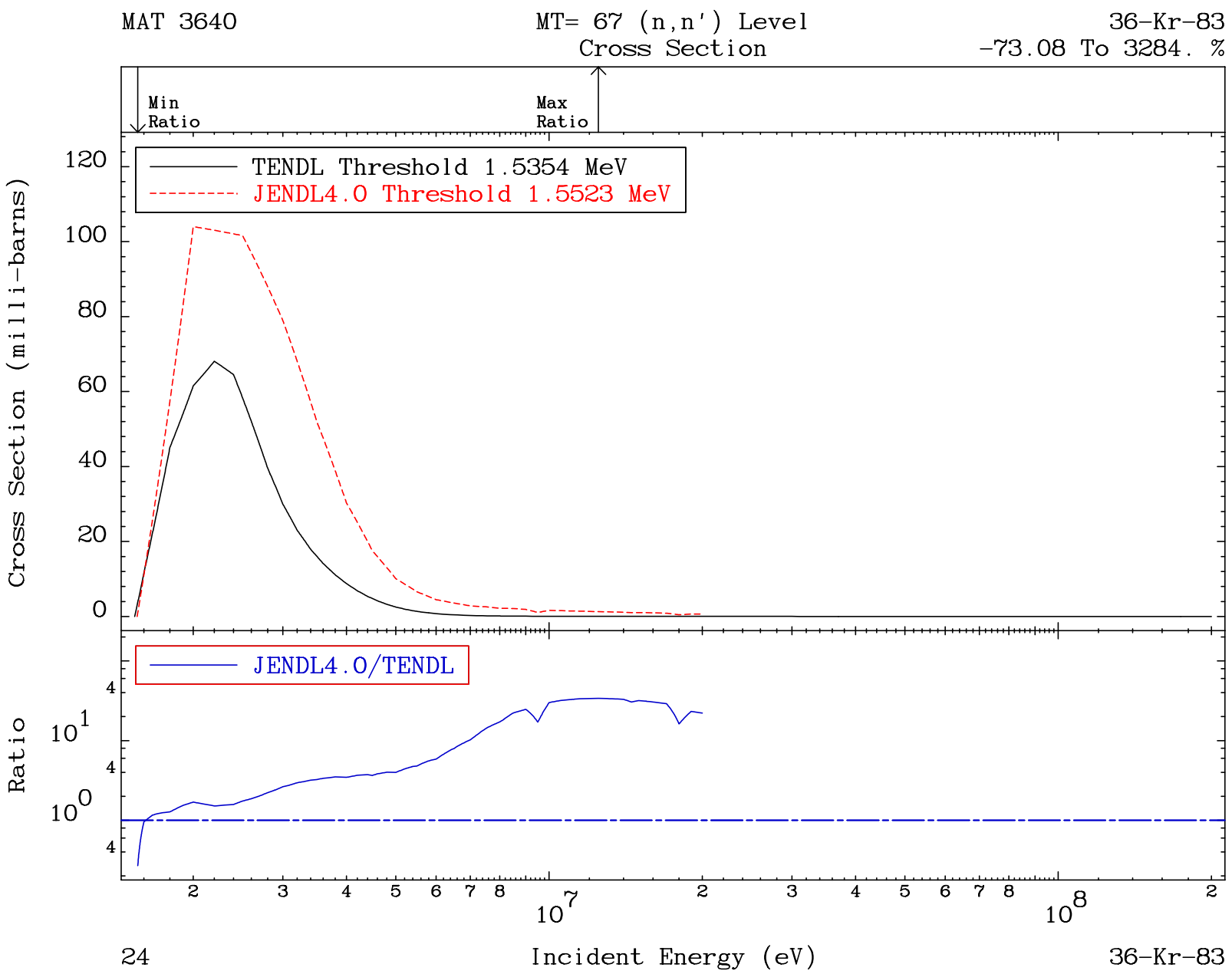

MAT 3640
MT= 62 (n,n') Level
Cross Section
36-Kr-83
-78.62 To 1510. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.1357 MeV
JENDL4.0 Threshold 1.1846 MeV
Cross Section (milli-barns)
200
150
100
50
0
JENDL4.0/TENDL
Ratio
10^1
10^0
4
2
3
4
5
6
7
8
10^7
10^8
19
Incident Energy (eV)
36-Kr-83

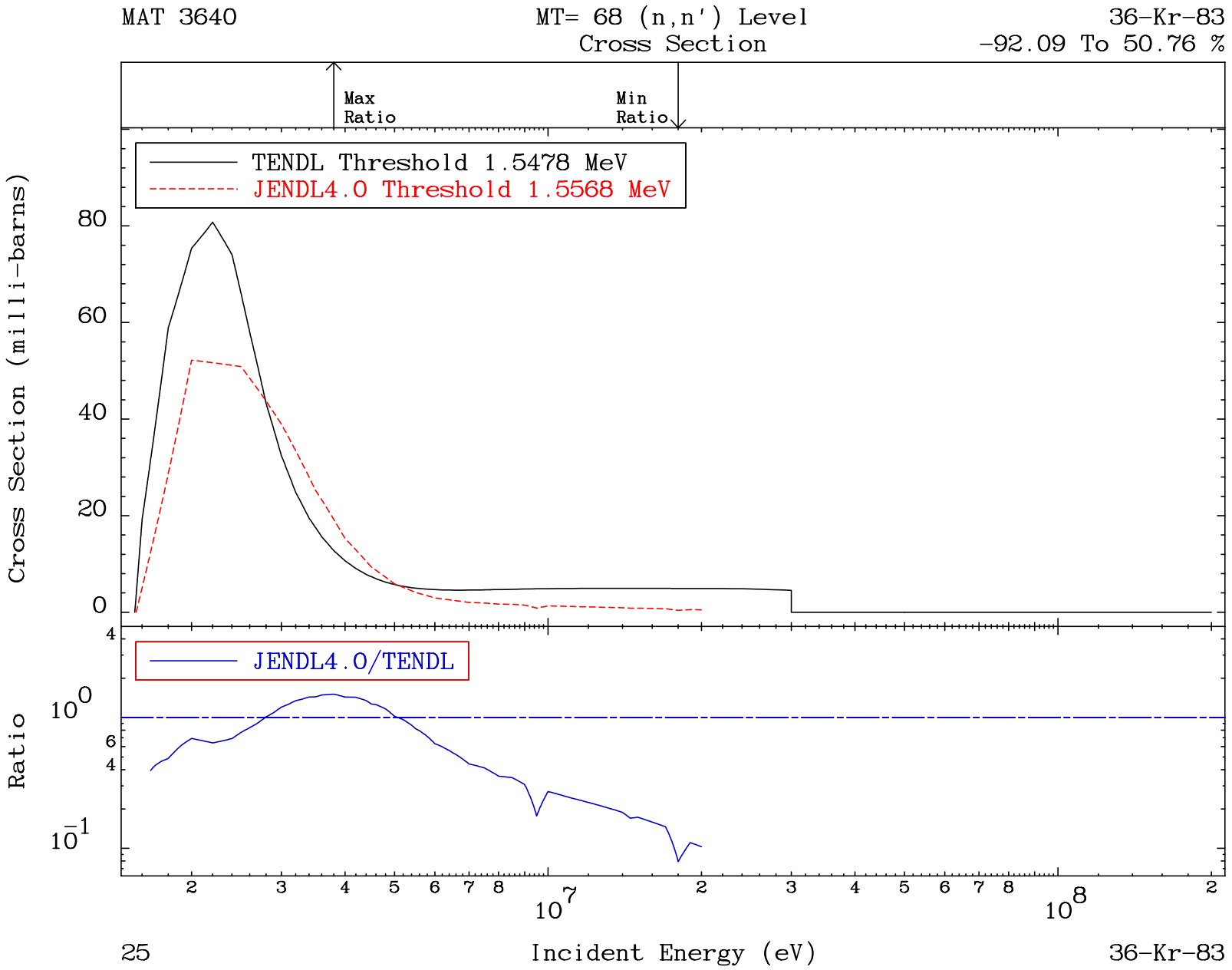

MAT 3640
MT= 63 (n,n') Level
Cross Section
36-Kr-83
-73.50 To 4550. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.1847 MeV
JENDL4.0 Threshold 1.2367 MeV
Cross Section (milli-barns)
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^2
10^1
10^0
2
3
4
5
6
7
8
10^7
10^8
20
Incident Energy (eV)
36-Kr-83

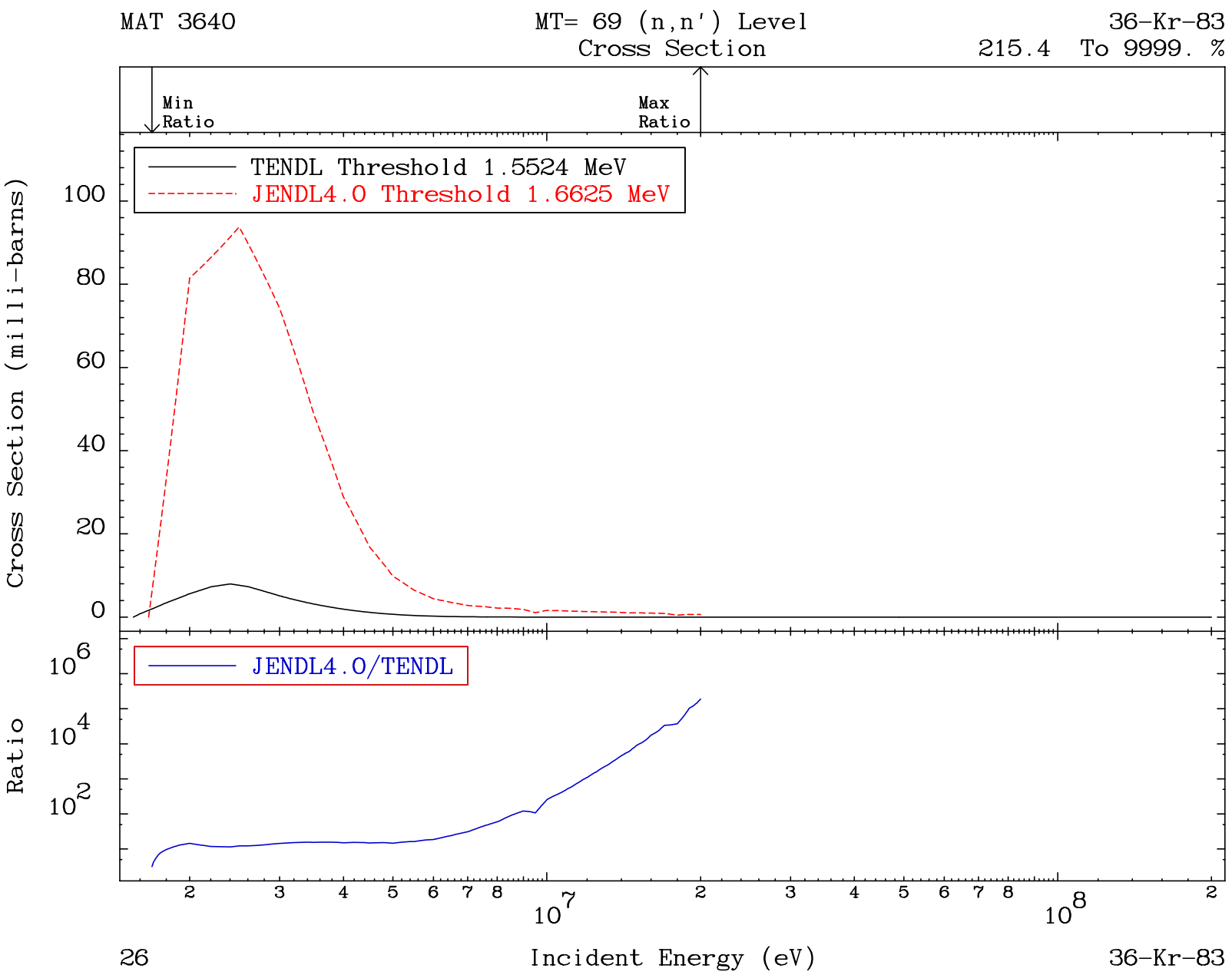

MAT 3640
MT= 64 (n,n') Level
Cross Section
36-Kr-83
-93.54 To 215.1 %
Min
Ratio
Max
Ratio
TENDL Threshold 1.2288 MeV
JENDL4.0 Threshold 1.2934 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JENDL4.0/TENDL
Ratio
4
10^0
4
10^{-1}
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
21
Incident Energy (eV)
36-Kr-83

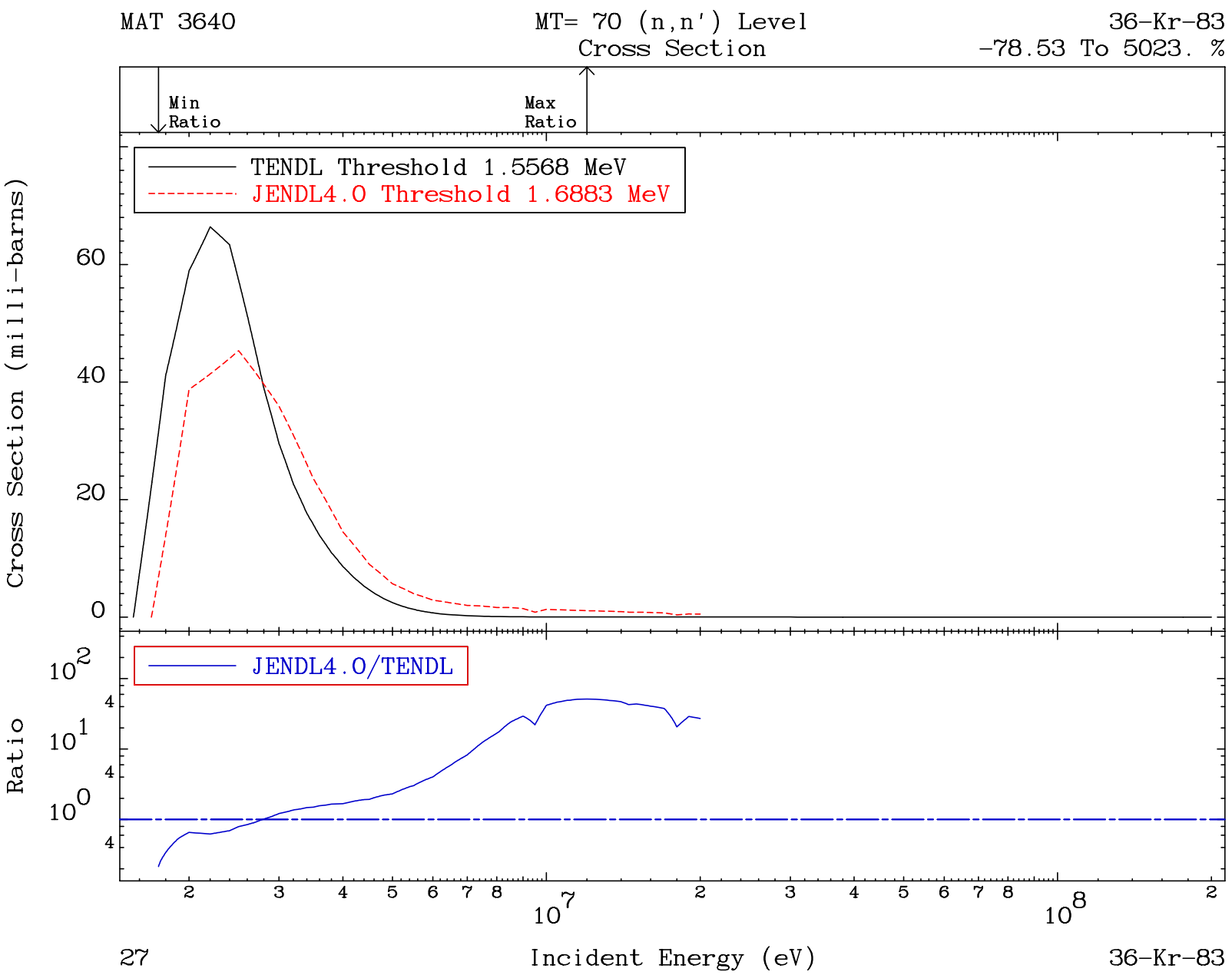

MAT 3640
MT= 65 (n,n') Level
Cross Section
36-Kr-83
-91.54 To 7828. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.2367 MeV
JENDL4.0 Threshold 1.5353 MeV
Cross Section (milli-barns)
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^2
10^1
10^0
10^-1
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
36-Kr-83

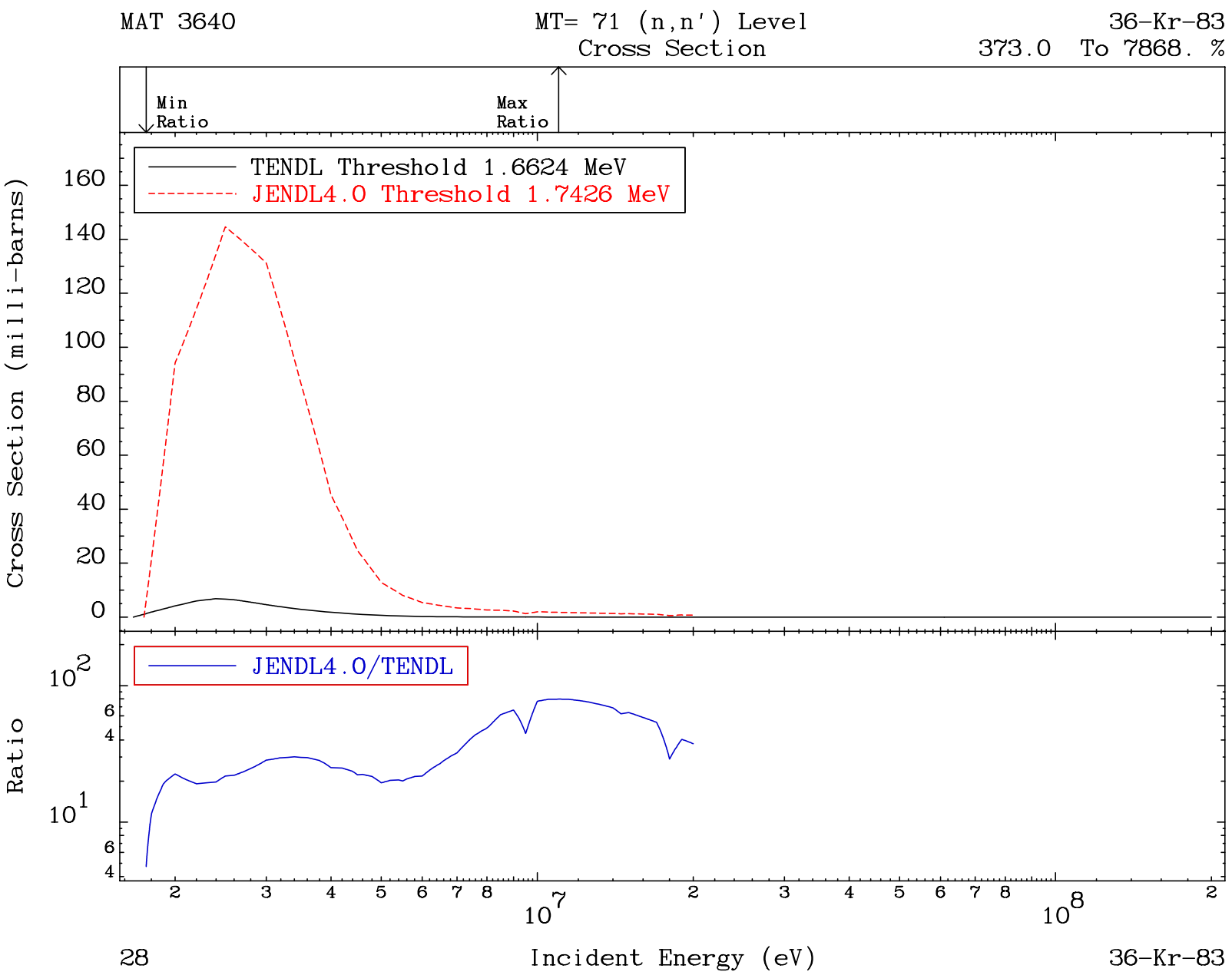

MAT 3640
MT= 66 (n,n') Level
Cross Section
36-Kr-83
-53.89 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.2935 MeV
JENDL4.0 Threshold 1.5478 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^6
10^4
10^2
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
23
Incident Energy (eV)
36-Kr-83

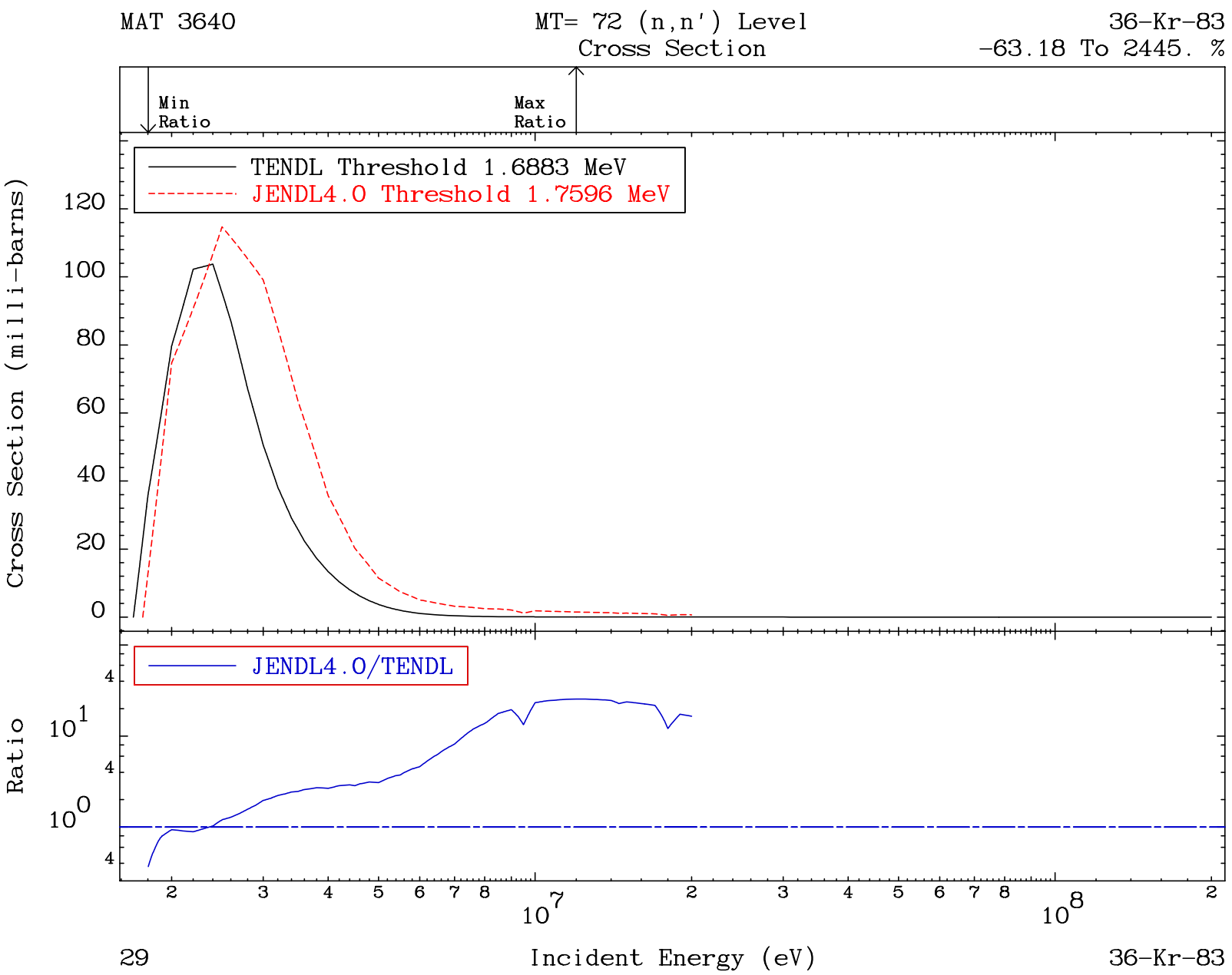

MAT 3640
MT= 67 (n,n') Level
Cross Section
36-Kr-83
-73.08 To 3284. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.5354 MeV
JENDL4.0 Threshold 1.5523 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^1
10^0
2
3
4
5
6
7
8
10^7
10^8
24
Incident Energy (eV)
36-Kr-83

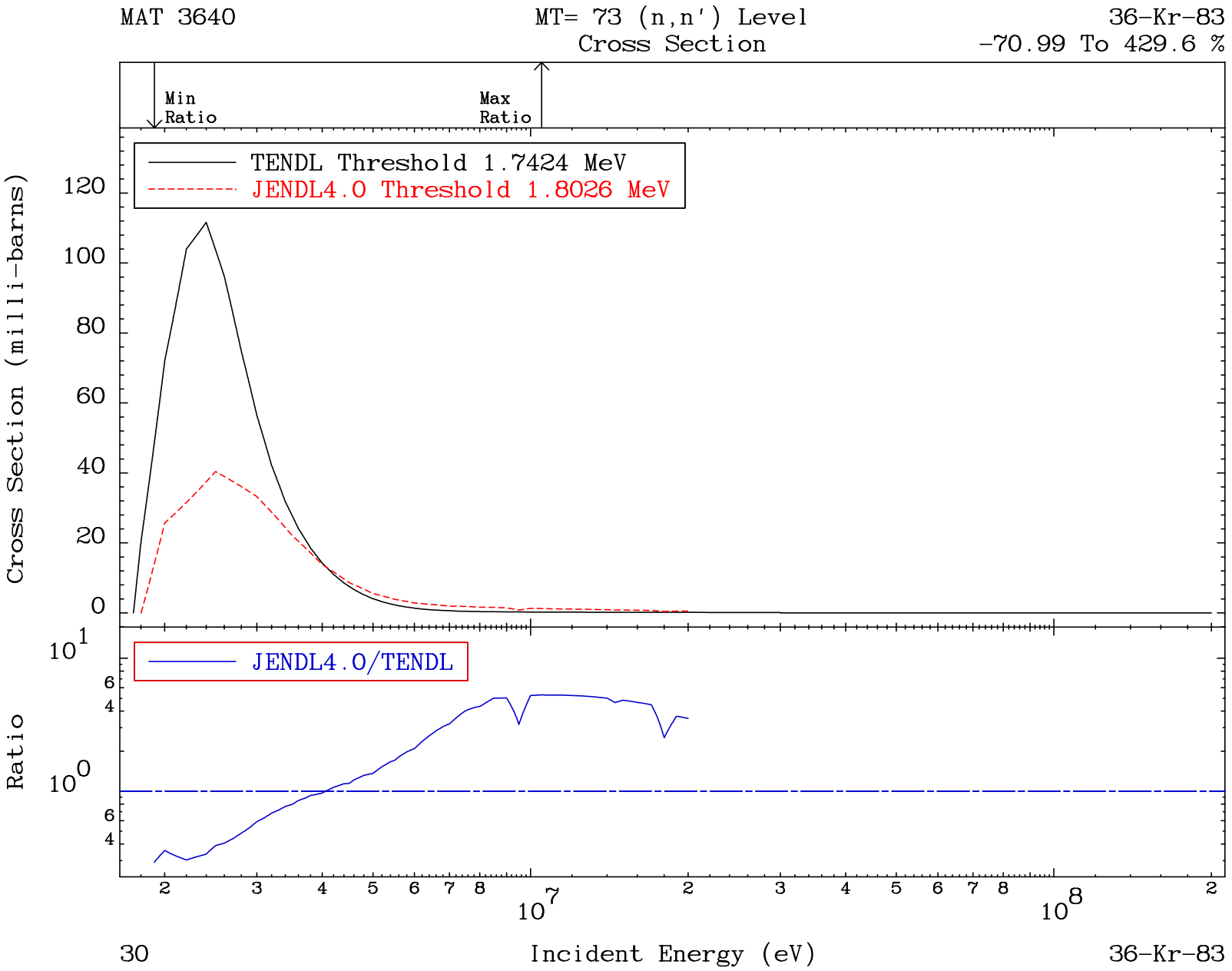

MAT 3640
MT= 68 (n,n') Level
Cross Section
36-Kr-83
-92.09 To 50.76 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.5478 MeV
JENDL4.0 Threshold 1.5568 MeV
Cross Section (milli-barns)
80
60
40
20
0
JENDL4.0/TENDL
Ratio
4
10^0
6
4
10^{-1}
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
25
Incident Energy (eV)
36-Kr-83

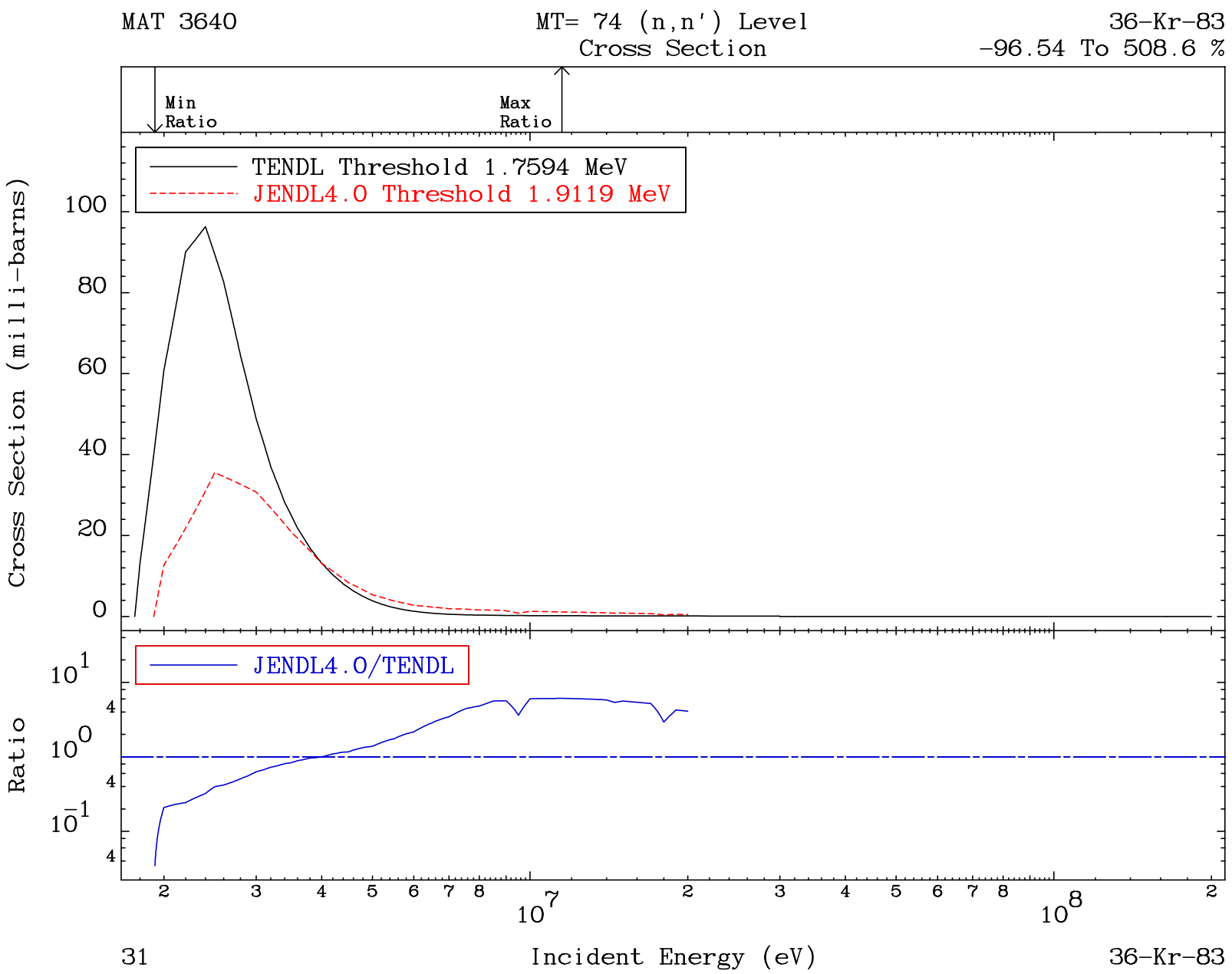

MAT 3640
MT= 69 (n,n') Level
Cross Section
36-Kr-83
215.4 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.5524 MeV
JENDL4.0 Threshold 1.6625 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^6
10^4
10^2
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
26
Incident Energy (eV)
36-Kr-83

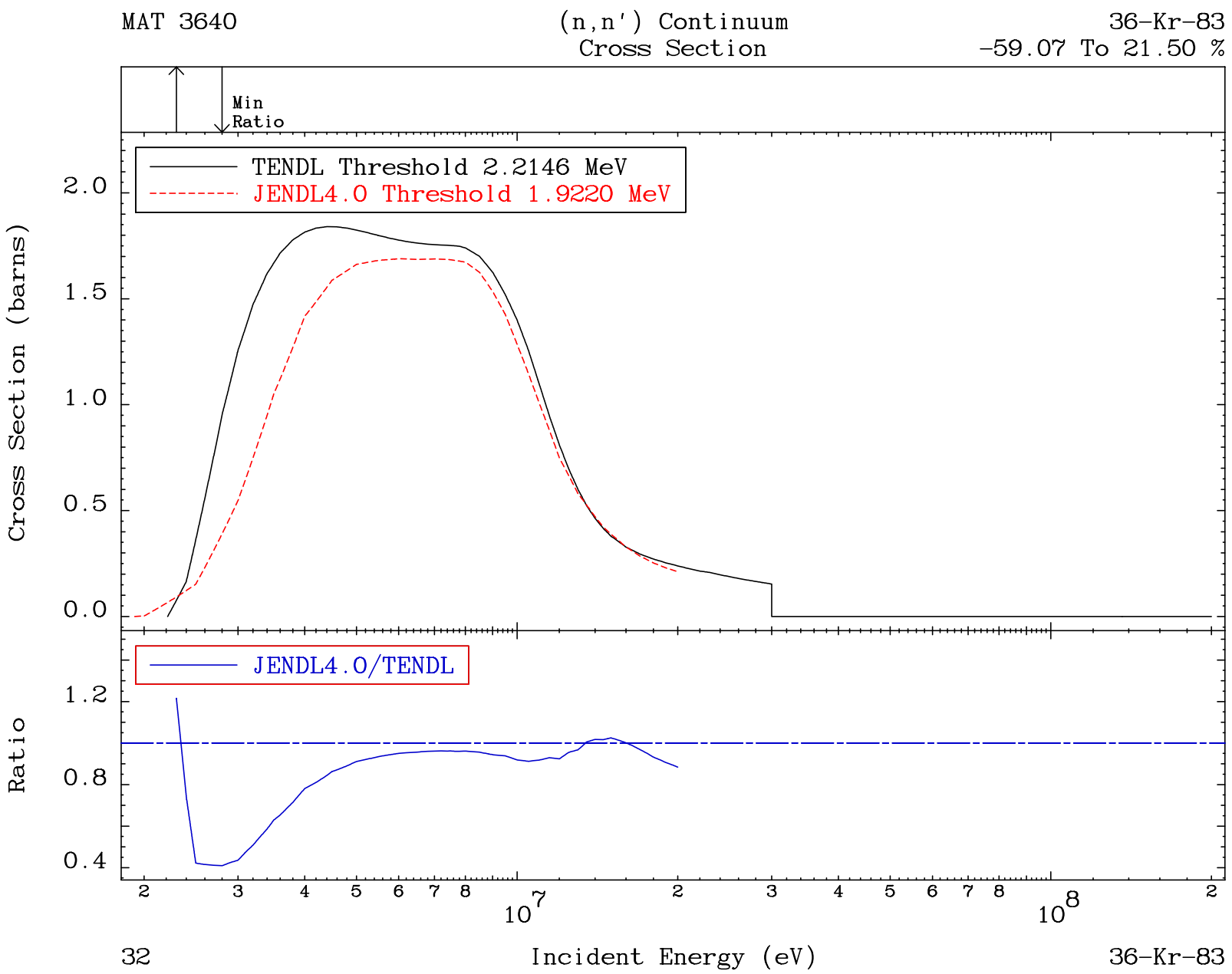

MAT 3640
MT= 70 (n,n') Level
Cross Section
36-Kr-83
-78.53 To 5023. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.5568 MeV
JENDL4.0 Threshold 1.6883 MeV
Cross Section (milli-barns)
60
40
20
0
JENDL4.0/TENDL
Ratio
10^2
10^1
10^0
4
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
27
Incident Energy (eV)
36-Kr-83

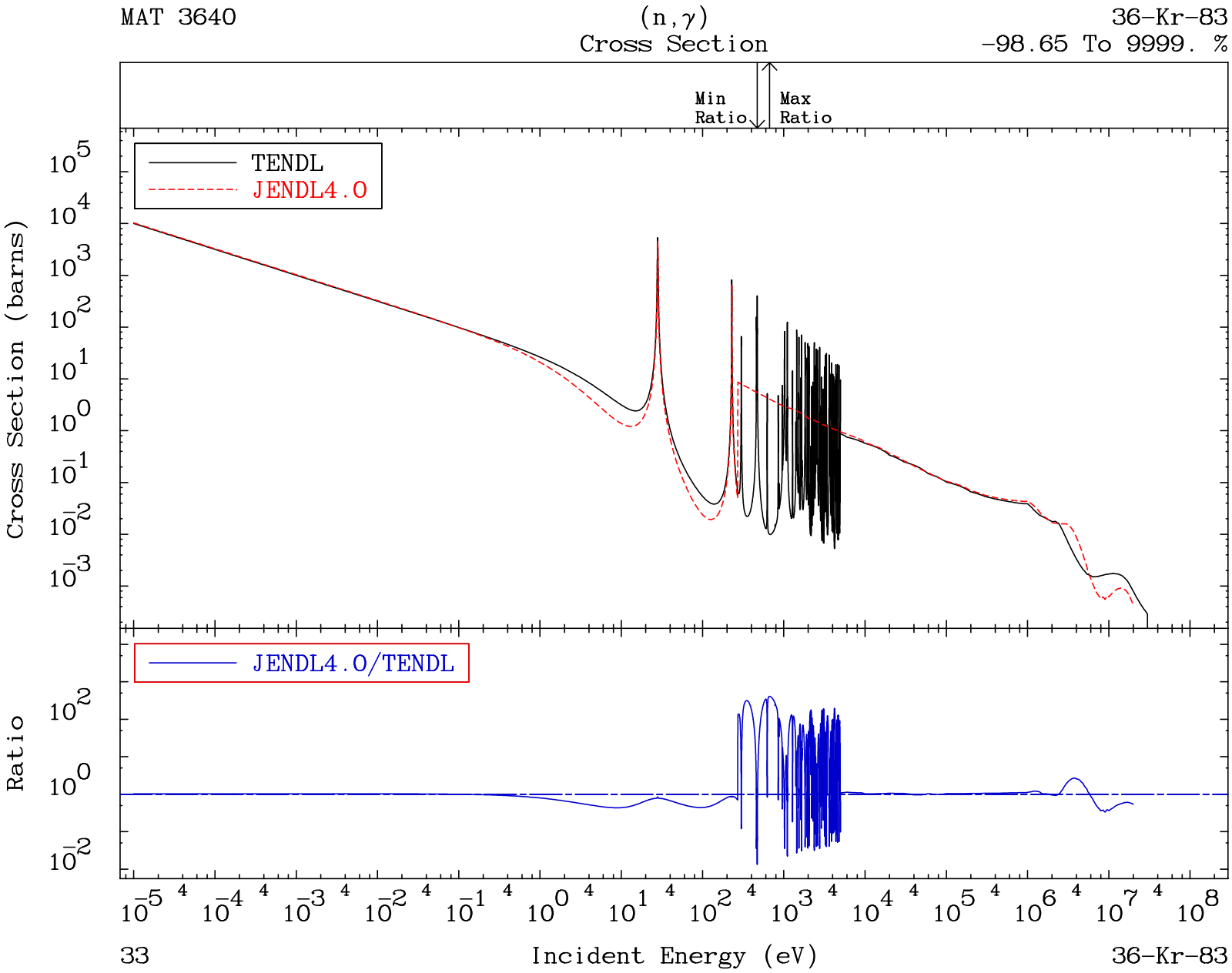

MAT 3640
MT= 71 (n,n') Level
Cross Section
36-Kr-83
373.0 To 7868. %
Min Ratio
Max Ratio
TENDL Threshold 1.6624 MeV
JENDL4.0 Threshold 1.7426 MeV
Cross Section (milli-barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
28
36-Kr-83

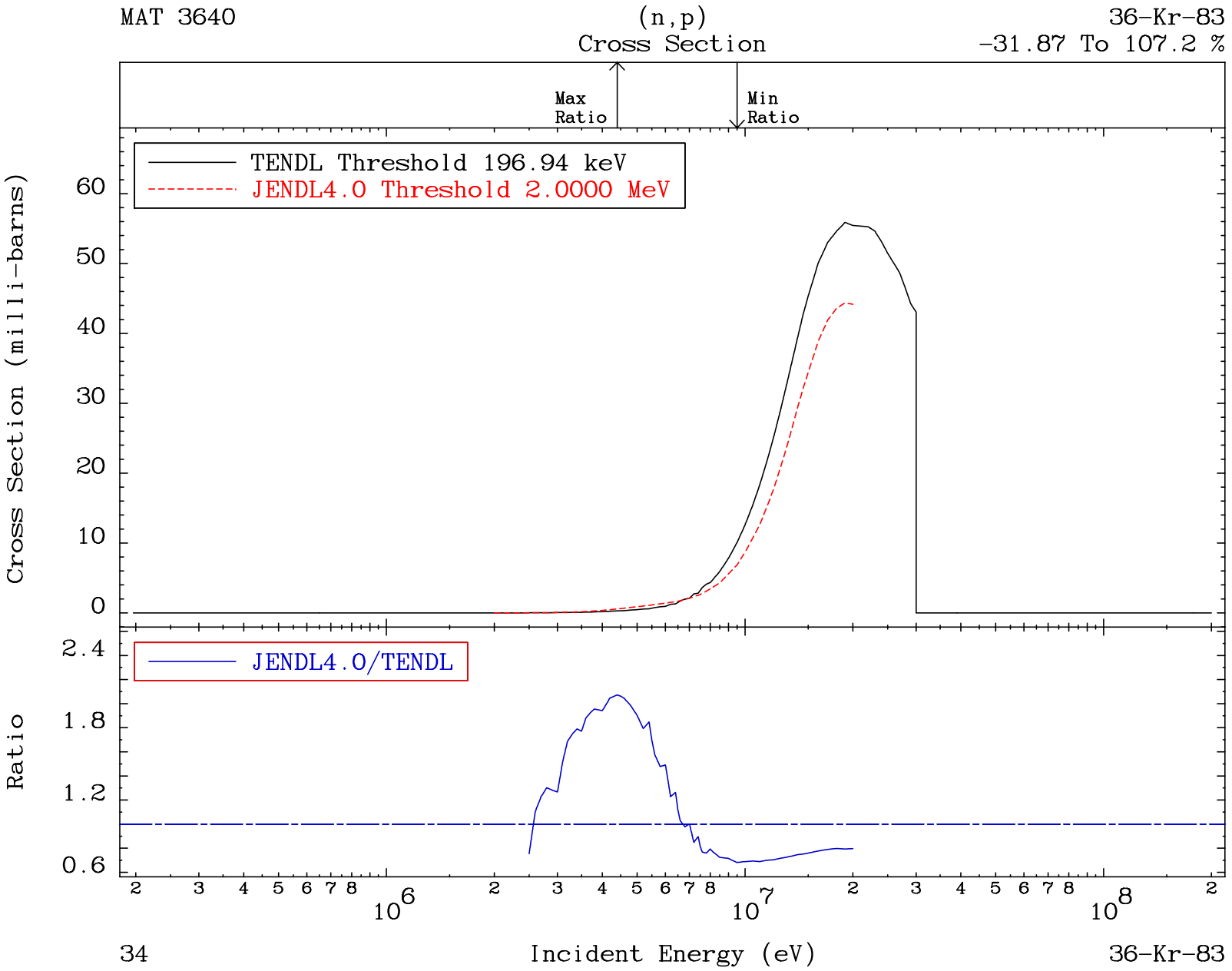

MAT 3640
MT= 72 (n,n') Level
Cross Section
36-Kr-83
-63.18 To 2445. %
Min
Ratio
Max
Ratio
TENDL Threshold 1.6883 MeV
JENDL4.0 Threshold 1.7596 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^1
10^0
4
2 3 4 5 6 7 8
10^7
10^8
29
Incident Energy (eV)
36-Kr-83

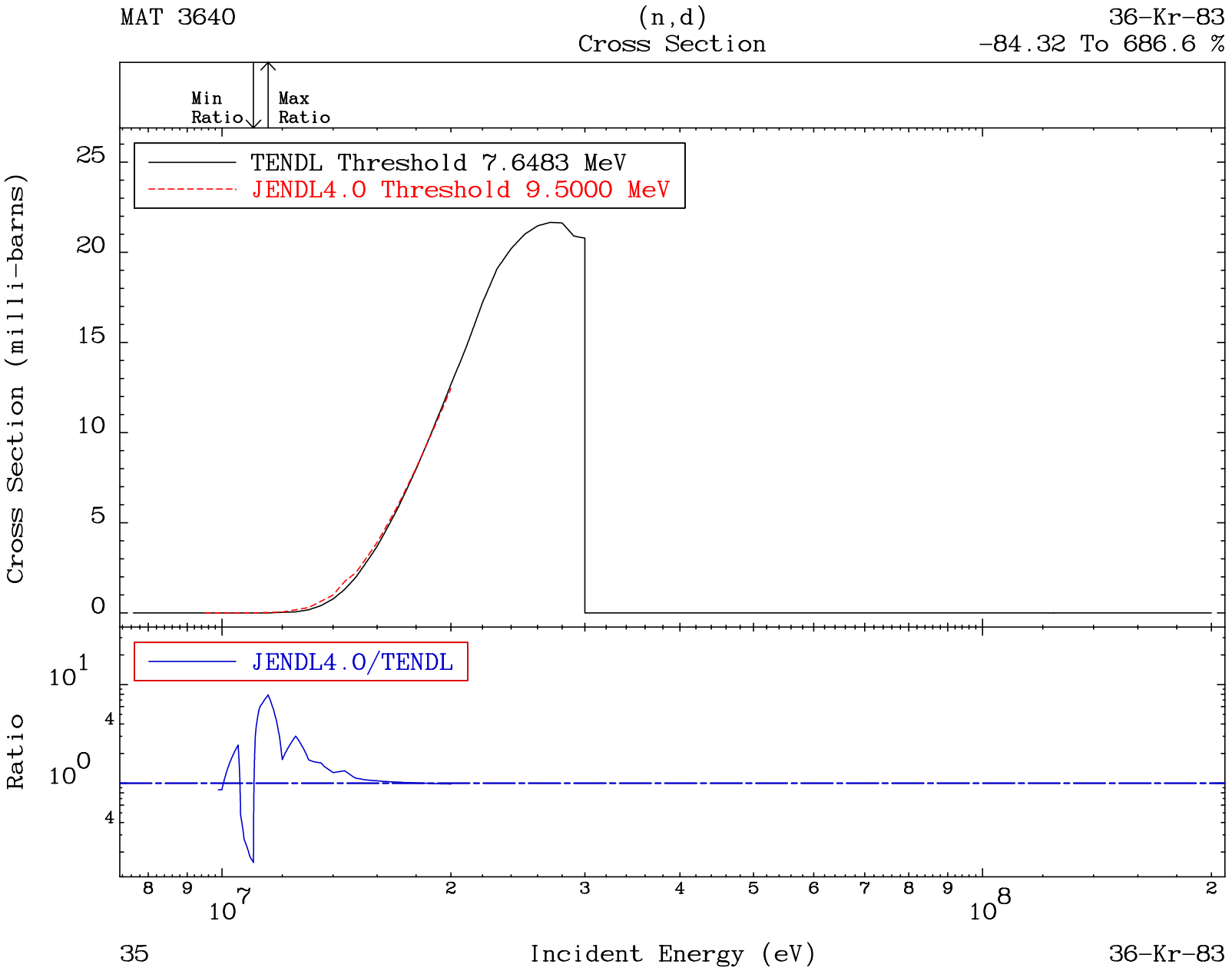

MAT 3640
MT= 73 (n,n') Level
Cross Section
36-Kr-83
-70.99 To 429.6 %
Min Ratio
Max Ratio
TENDL Threshold 1.7424 MeV
JENDL4.0 Threshold 1.8026 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^1
10^0
6
4
2
3
4
5
6
7
8
10^7
10^8
30
Incident Energy (eV)
36-Kr-83

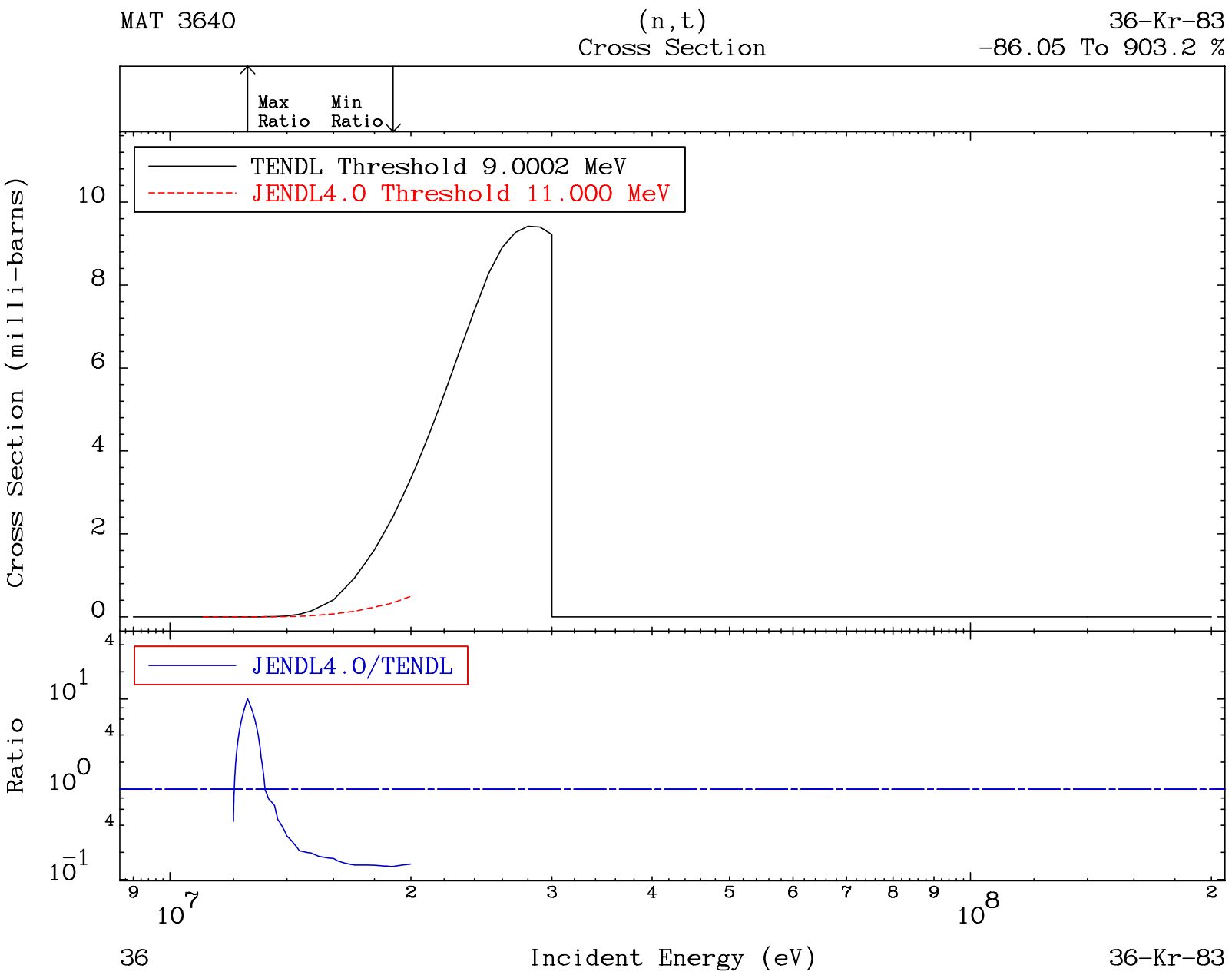

MAT 3640
MT= 74 (n,n') Level
Cross Section
36-Kr-83
-96.54 To 508.6 %
Min
Ratio
Max
Ratio
TENDL Threshold 1.7594 MeV
JENDL4.0 Threshold 1.9119 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JENDL4.0/TENDL
Ratio
10^1
10^0
10^-1
2
3
4
5
6
7
8
10^7
10^8
31
Incident Energy (eV)
36-Kr-83

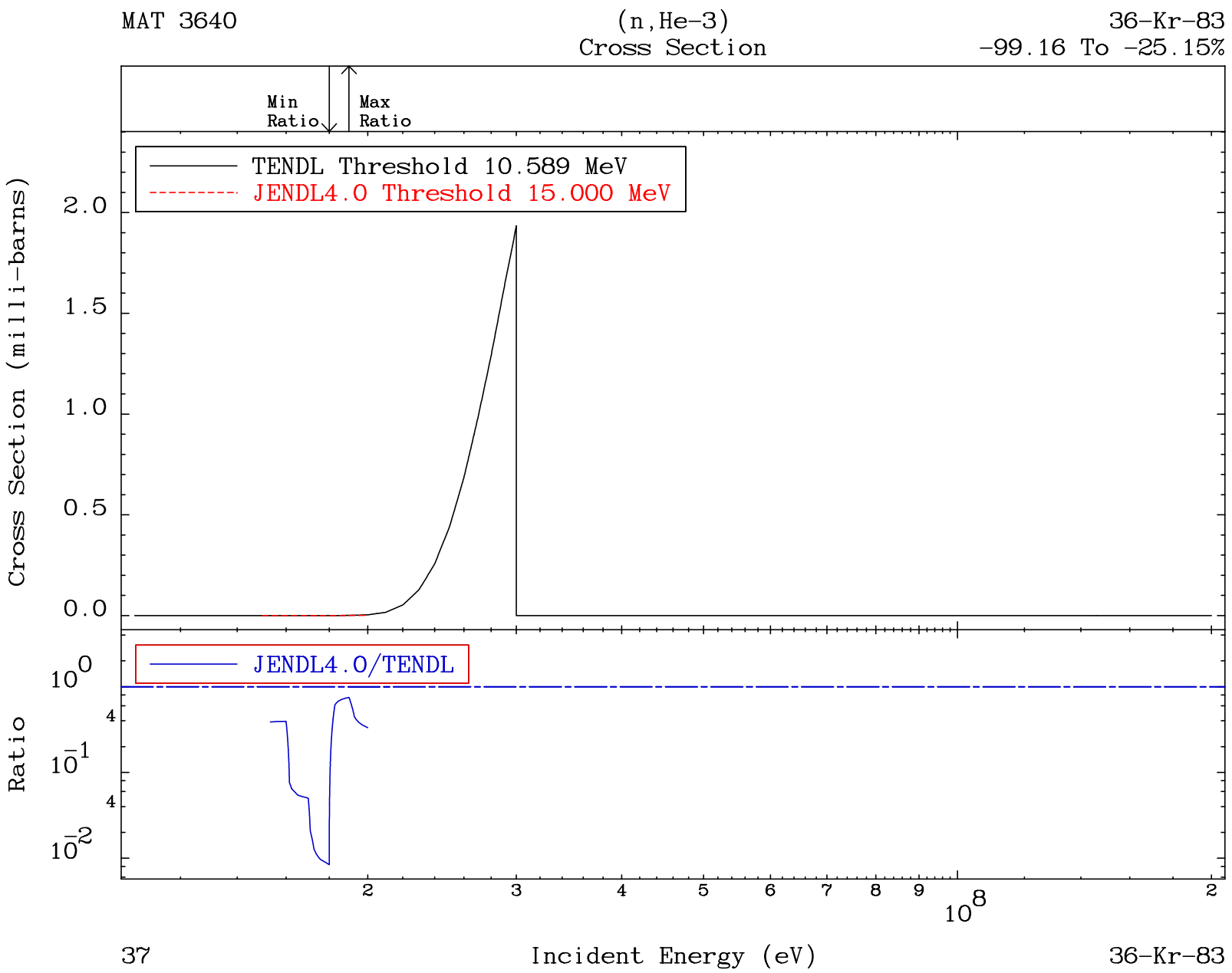

MAT 3640
(n,n') Continuum
Cross Section
36-Kr-83
-59.07 To 21.50 %
Min
Ratio
TENDL Threshold 2.2146 MeV
JENDL4.0 Threshold 1.9220 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JENDL4.0/TENDL
Ratio
1.2
0.8
0.4
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
32
Incident Energy (eV)
36-Kr-83

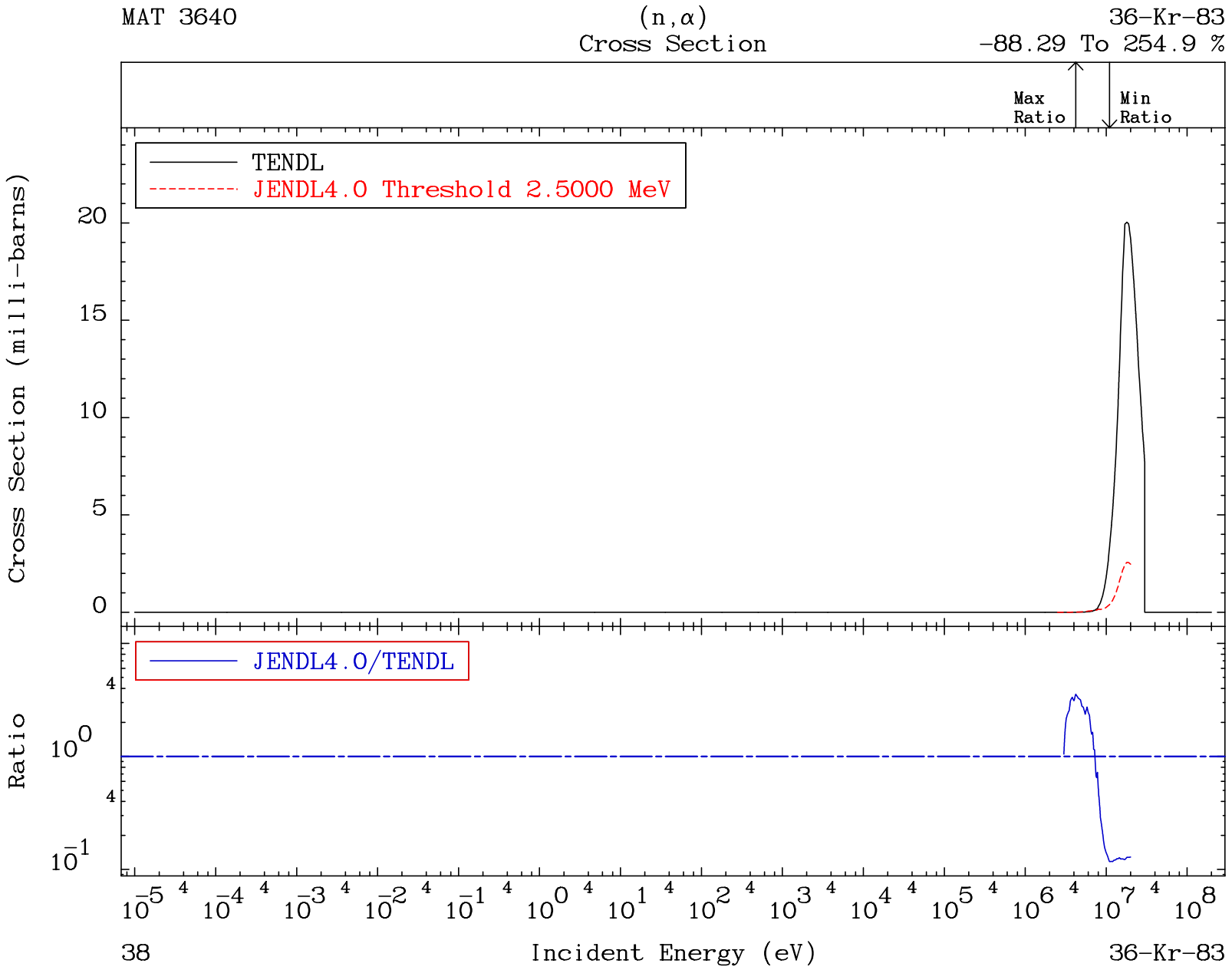

MAT 3640
(n,γ)
Cross Section
36-Kr-83
-98.65 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
33
36-Kr-83

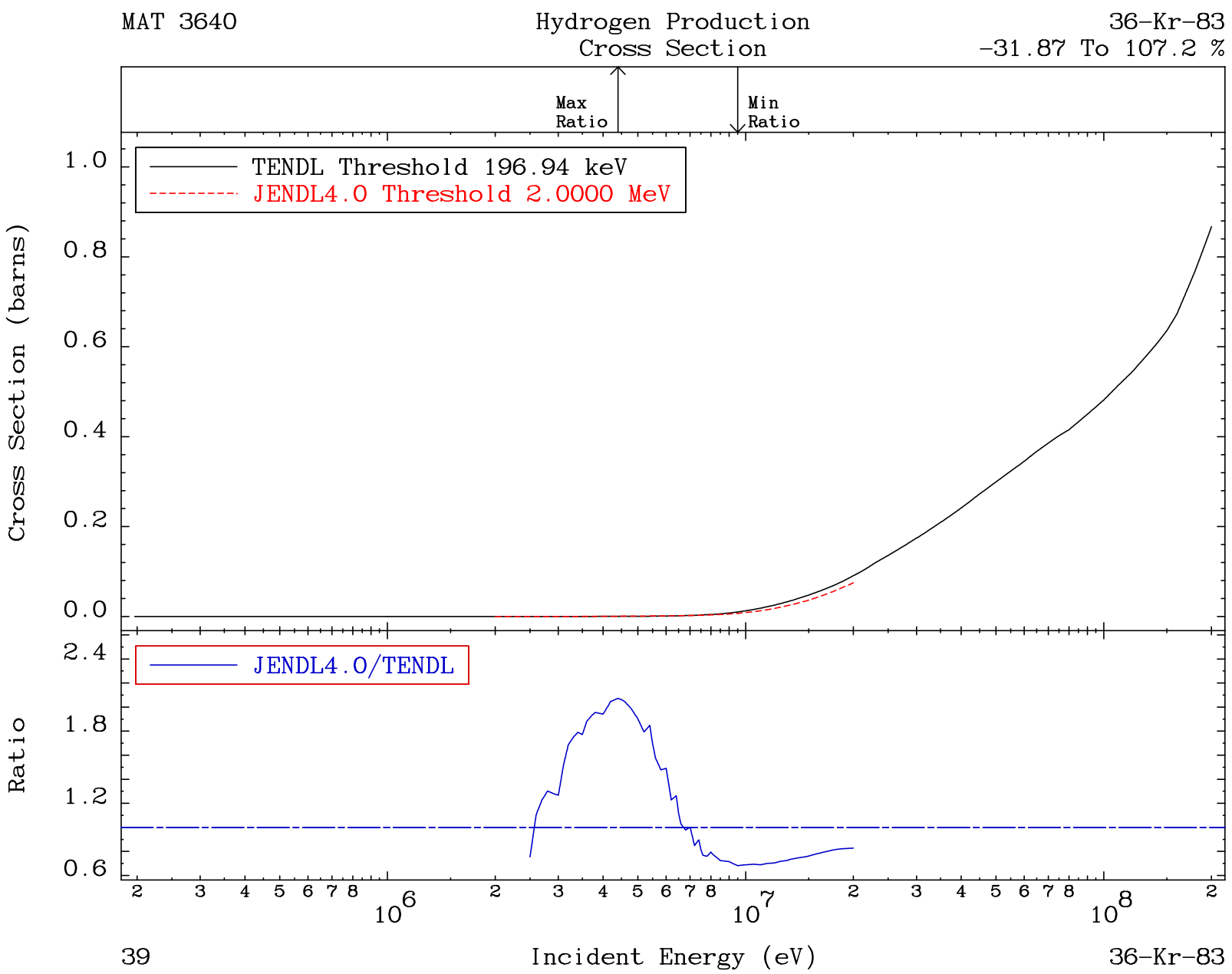

MAT 3640
(n,p)
Cross Section
36-Kr-83
-31.87 To 107.2 %
Max Ratio
Min Ratio
TENDL Threshold 196.94 keV
JENDL4.0 Threshold 2.0000 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JENDL4.0/TENDL
Ratio
2.4
1.8
1.2
0.6
2 3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
34
Incident Energy (eV)
36-Kr-83

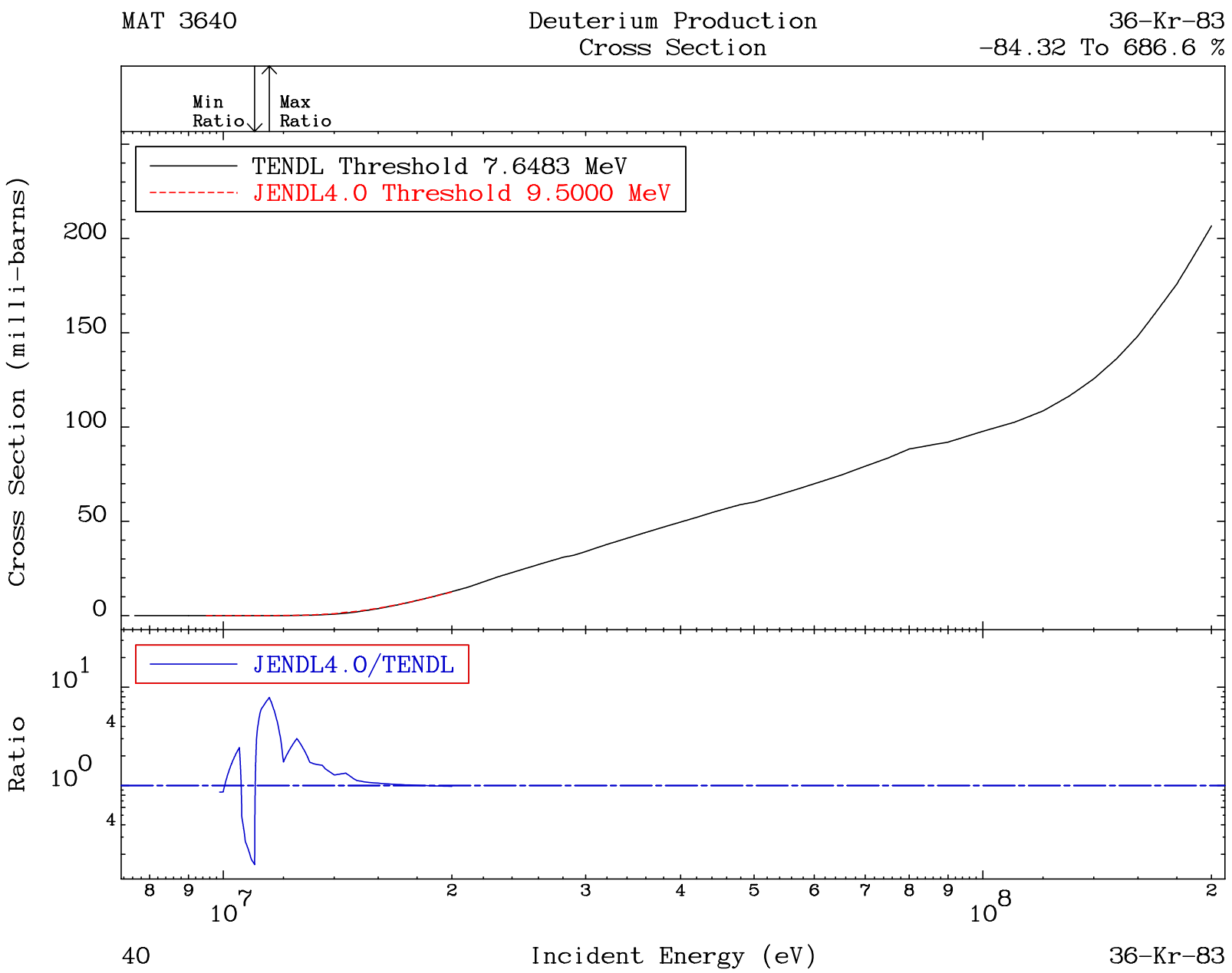

MAT 3640
(n,d)
Cross Section
36-Kr-83
-84.32 To 686.6 %
Min Ratio
Max Ratio
TENDL Threshold 7.6483 MeV
JENDL4.0 Threshold 9.5000 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
JENDL4.0/TENDL
Ratio
10^1
10^0
4
4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
35
Incident Energy (eV)
36-Kr-83

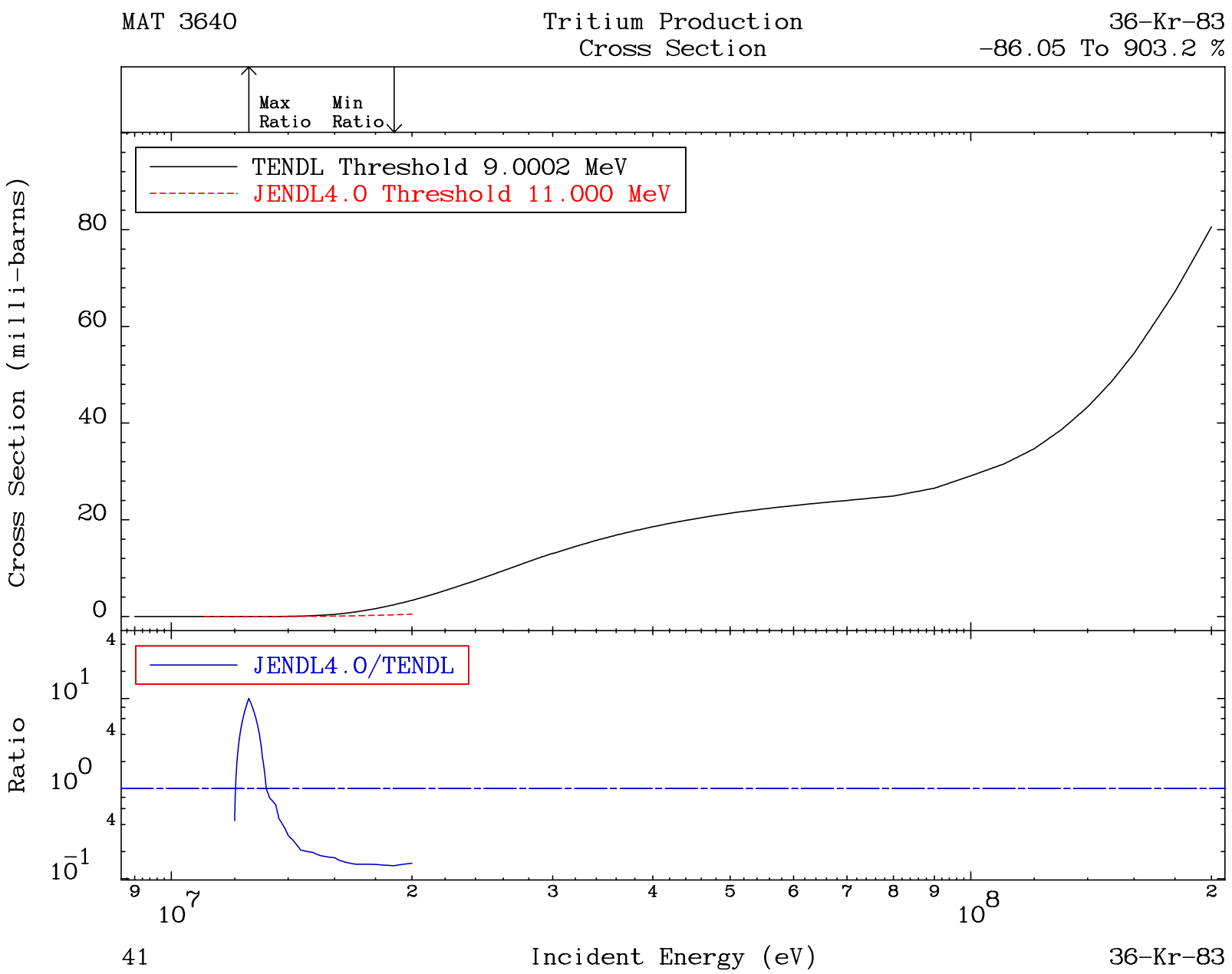

MAT 3640
(n,t)
Cross Section
36-Kr-83
-86.05 To 903.2 %
Max Ratio
Min Ratio
TENDL Threshold 9.0002 MeV
JENDL4.0 Threshold 11.000 MeV
Cross Section (milli-barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
36
36-Kr-83

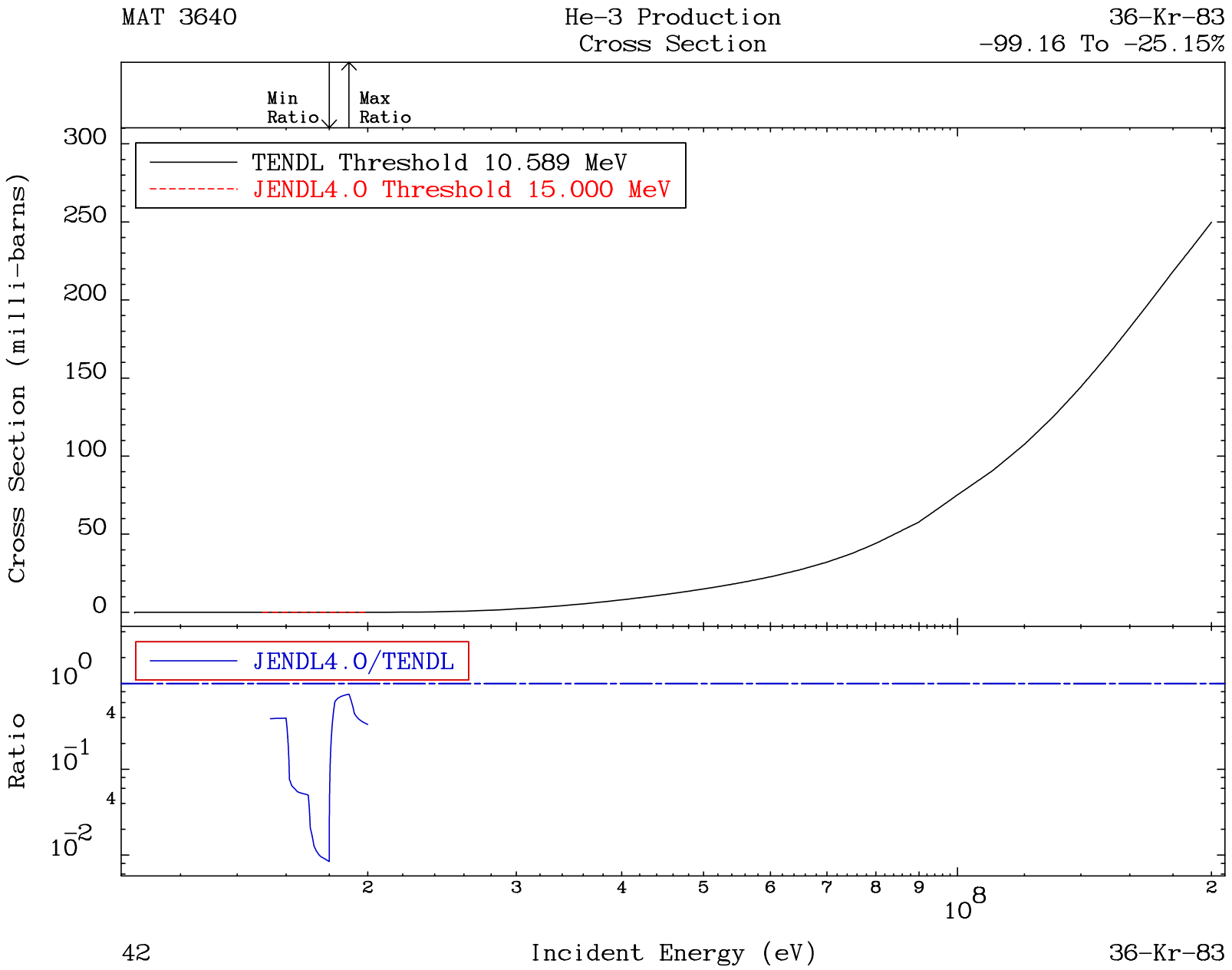

MAT 3640
(n,He-3)
Cross Section
36-Kr-83
-99.16 To -25.15%
Min Ratio
Max Ratio
TENDL Threshold 10.589 MeV
JENDL4.0 Threshold 15.000 MeV
Cross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
JENDL4.0/TENDL
Ratio
10^0
10^-1
10^-2
2
3
4
5
6
7
8
9
10^8
2
37
Incident Energy (eV)
36-Kr-83

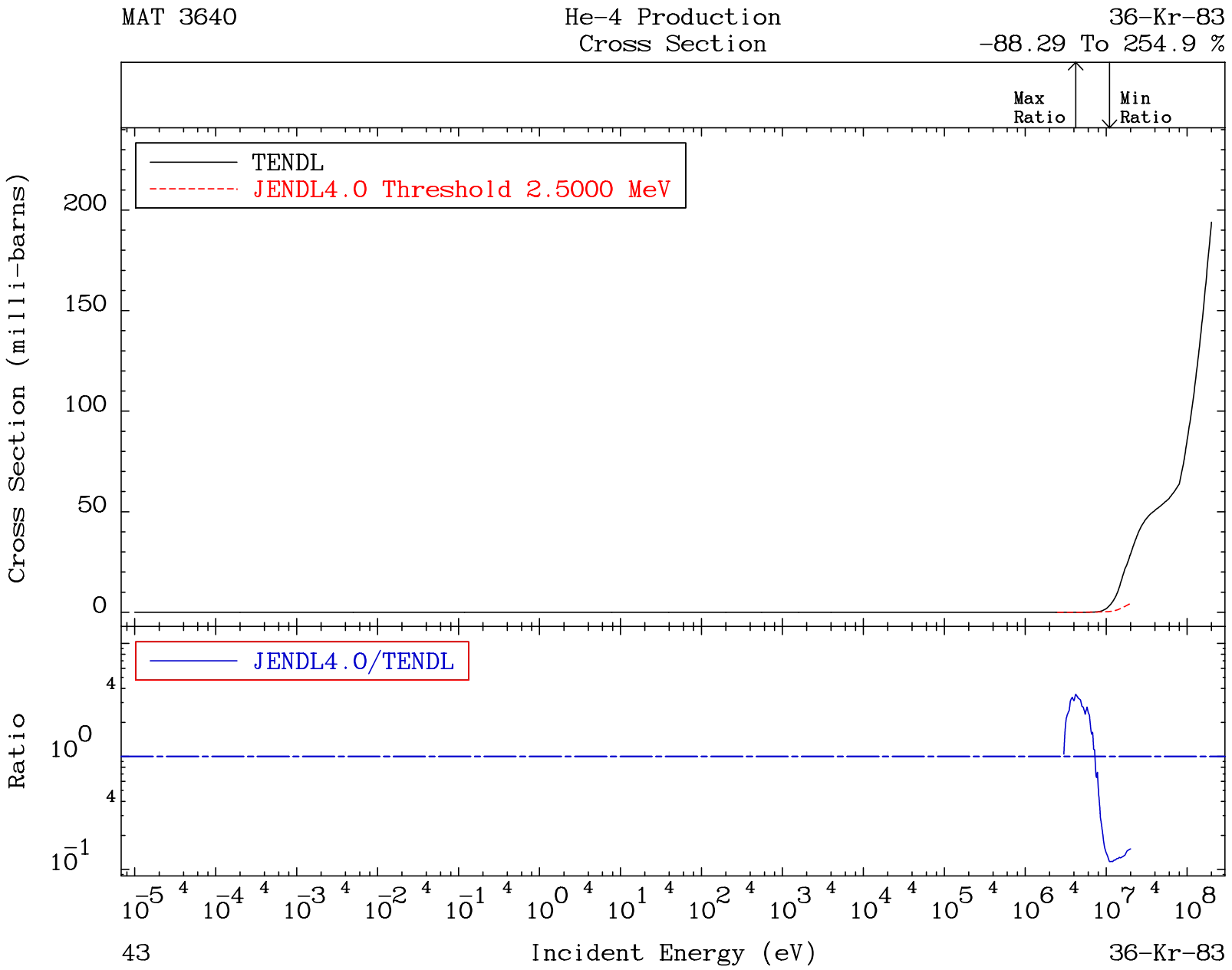

MAT 3640
(n,α)
Cross Section
36-Kr-83
-88.29 To 254.9 %
Max Ratio
Min Ratio
TENDL
JENDL4.0 Threshold 2.5000 MeV
Cross Section (milli-barns)
20
15
10
5
0
JENDL4.0/TENDL
Ratio
4
10^0
4
10^-1
10^-5 4 10^-4 4 10^-3 4 10^-2 4 10^-1 4 10^0 4 10^1 4 10^2 4 10^3 4 10^4 4 10^5 4 10^6 4 10^7 4 10^8
38
Incident Energy (eV)
36-Kr-83

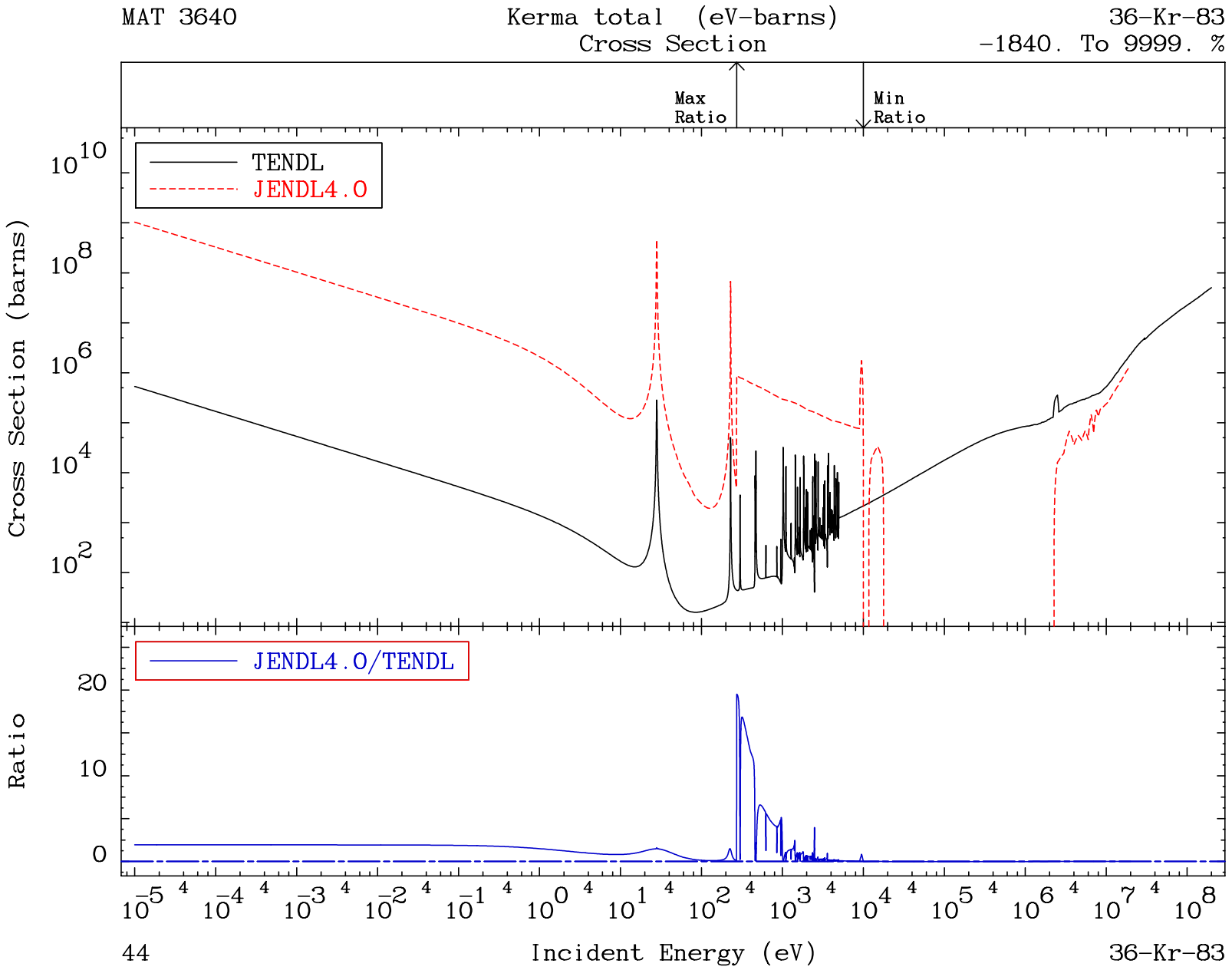

MAT 3640
Hydrogen Production
Cross Section
36-Kr-83
-31.87 To 107.2 %
Max Ratio
Min Ratio
TENDL Threshold 196.94 keV
JENDL4.0 Threshold 2.0000 MeV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
JENDL4.0/TENDL
Ratio
2.4
1.8
1.2
0.6
2 3 4 5 6 7 8
10^6
10^7
10^8
39
Incident Energy (eV)
36-Kr-83

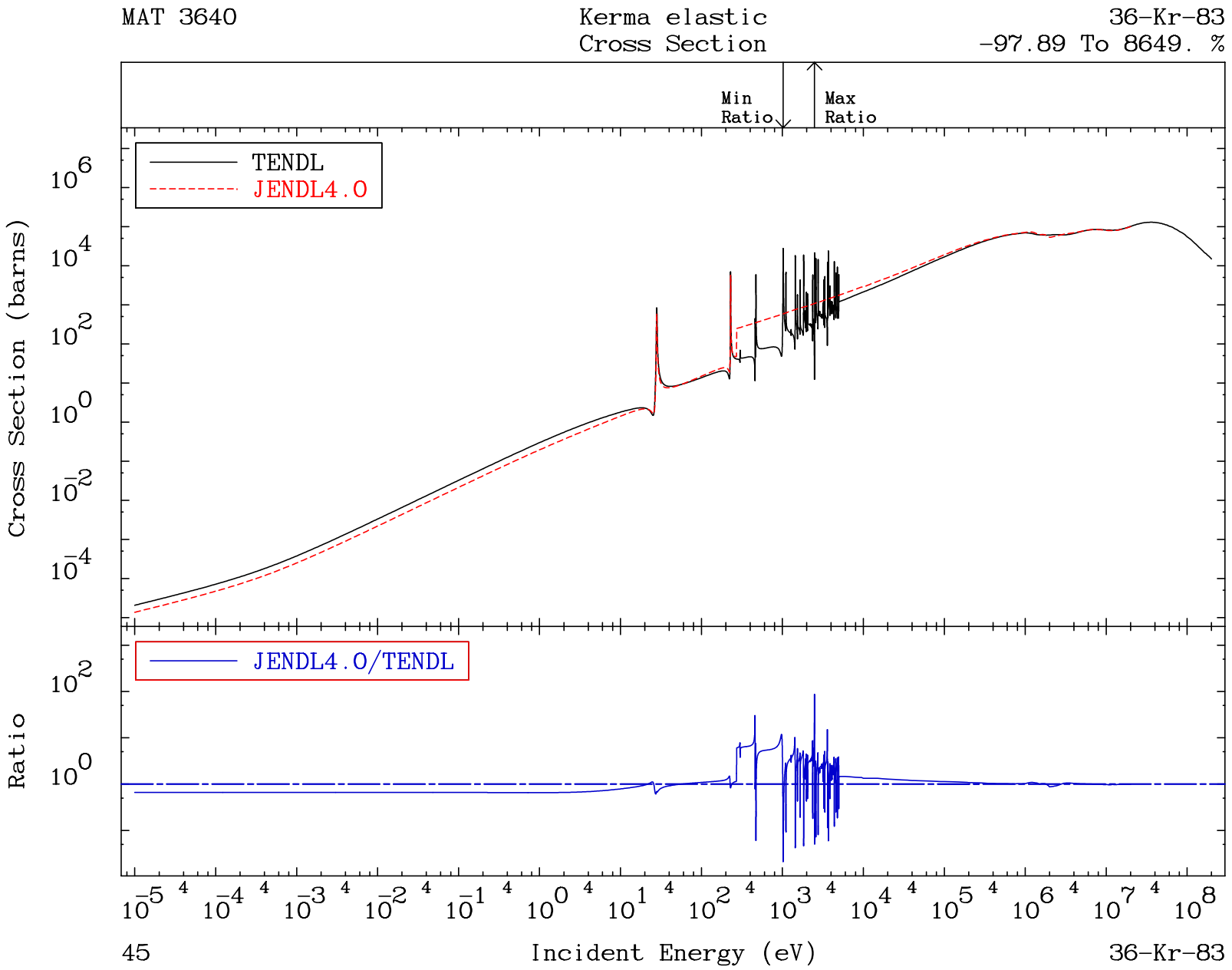

MAT 3640
Deuterium Production
Cross Section
36-Kr-83
-84.32 To 686.6 %
Min Ratio
Max Ratio
TENDL Threshold 7.6483 MeV
JENDL4.0 Threshold 9.5000 MeV
Cross Section (milli-barns)
200
150
100
50
0
JENDL4.0/TENDL
Ratio
10^1
10^0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
40
Incident Energy (eV)
36-Kr-83

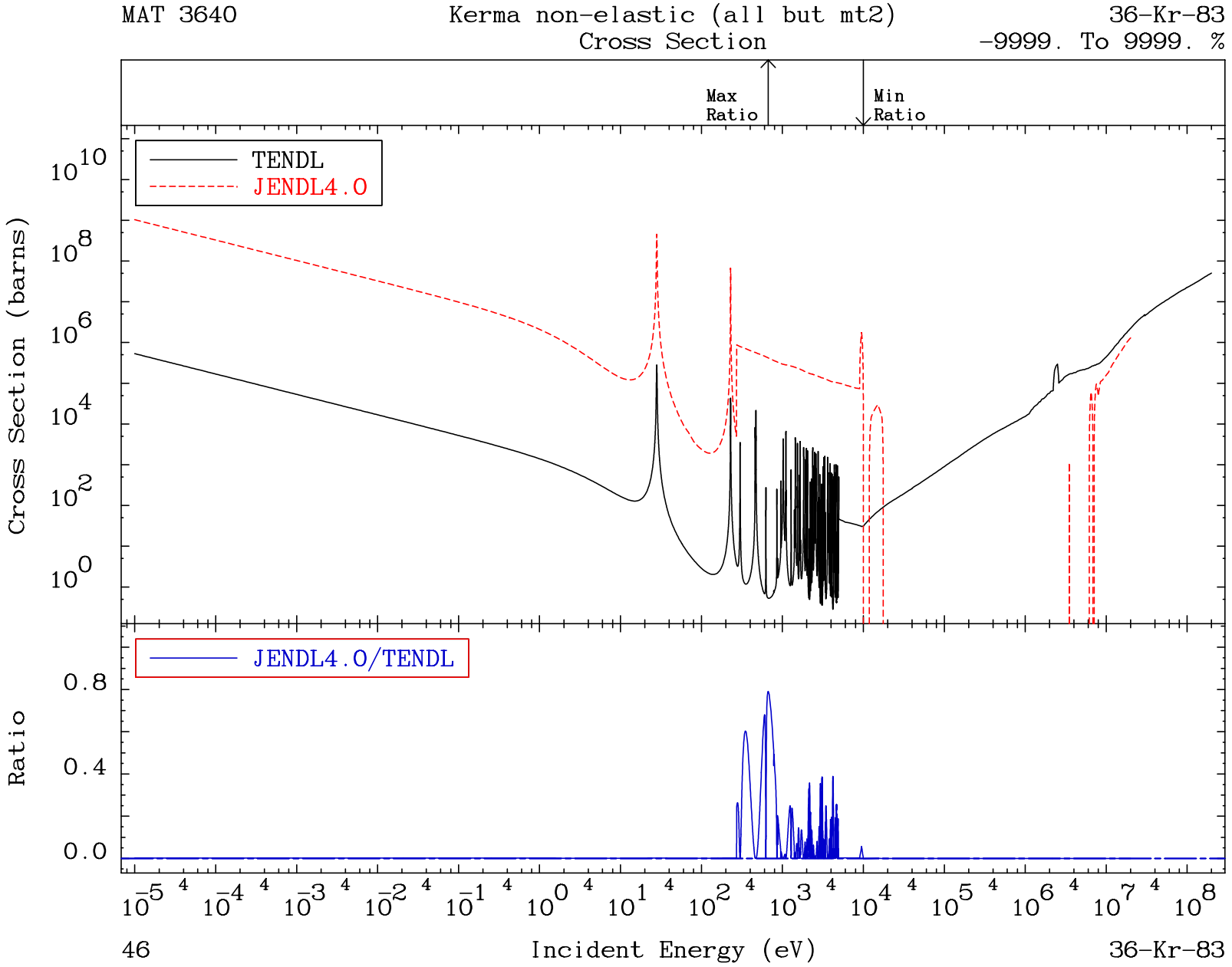

MAT 3640
Tritium Production
Cross Section
36-Kr-83
-86.05 To 903.2 %
Max Ratio
Min Ratio
TENDL Threshold 9.0002 MeV
JENDL4.0 Threshold 11.000 MeV
Cross Section (milli-barns)
0
20
40
60
80
JENDL4.0/TENDL
Ratio
10^1
10^0
10^-1
9
10^7
2
3
4
5
6
7
8
9
10^8
2
41
Incident Energy (eV)
36-Kr-83

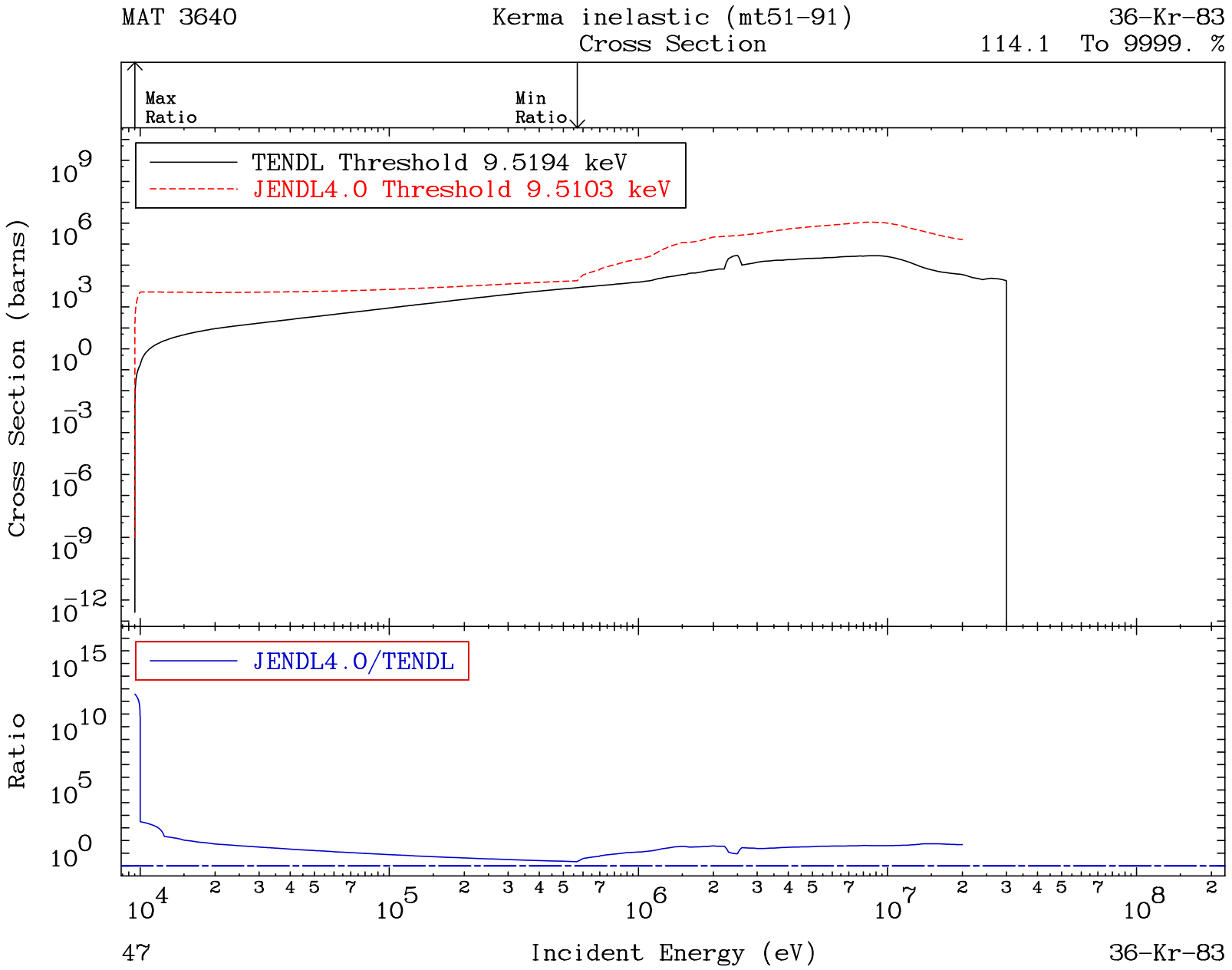

MAT 3640
He-3 Production
Cross Section
36-Kr-83
-99.16 To -25.15%
Min Ratio
Max Ratio
TENDL Threshold 10.589 MeV
JENDL4.0 Threshold 15.000 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JENDL4.0/TENDL
Ratio
10^0
4
10^-1
4
10^-2
2
3
4
5
6
7
8
9
10^8
2
42
Incident Energy (eV)
36-Kr-83

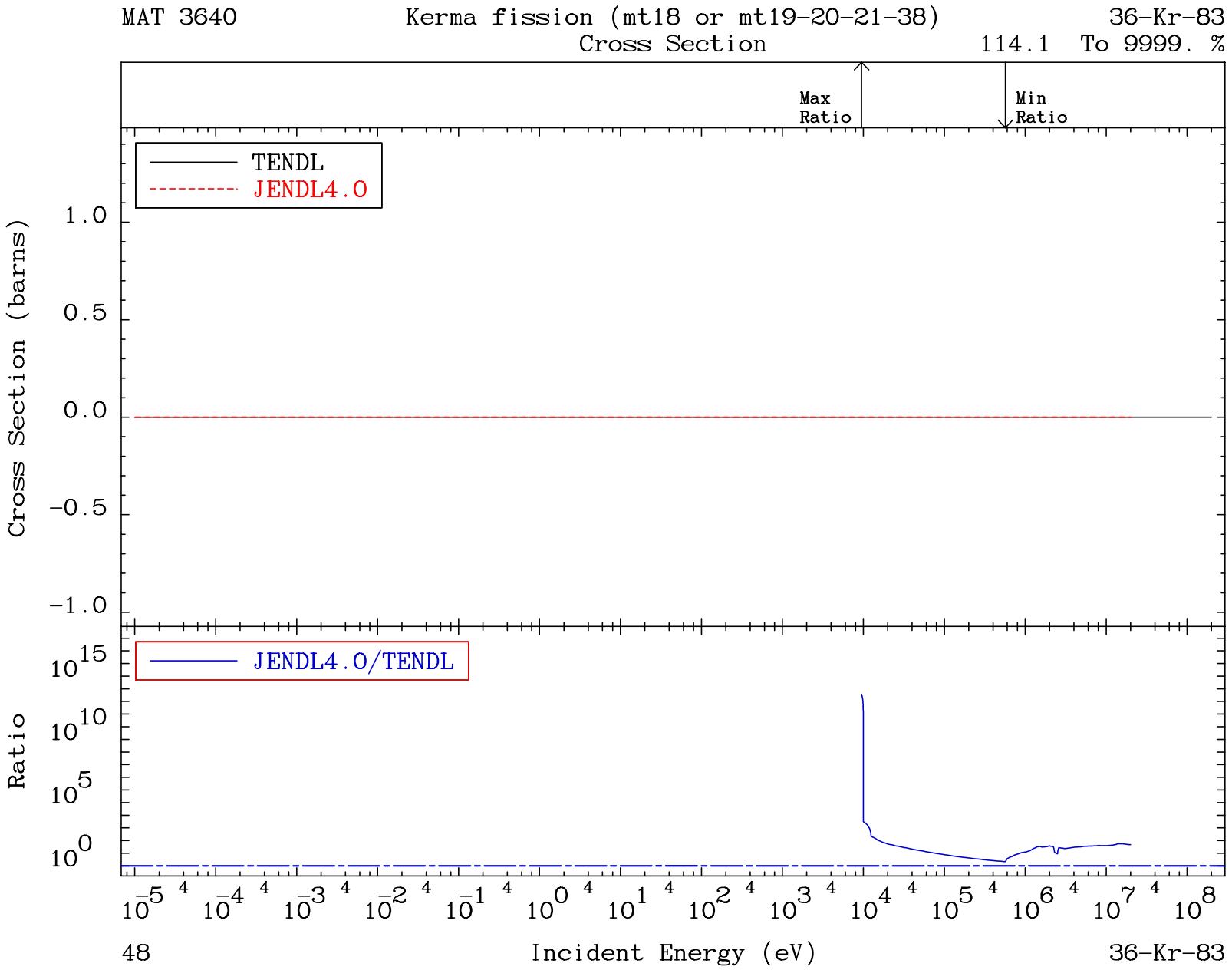

MAT 3640
He-4 Production
Cross Section
36-Kr-83
-88.29 To 254.9 %
Max Ratio
Min Ratio
TENDL
JENDL4.0 Threshold 2.5000 MeV
Cross Section (milli-barns)
200
150
100
50
0
JENDL4.0/TENDL
Ratio
4
10^0
4
10^-1
10^-5 4 10^-4 4 10^-3 4 10^-2 4 10^-1 4 10^0 4 10^1 4 10^2 4 10^3 4 10^4 4 10^5 4 10^6 4 10^7 4 10^8
43
Incident Energy (eV)
36-Kr-83

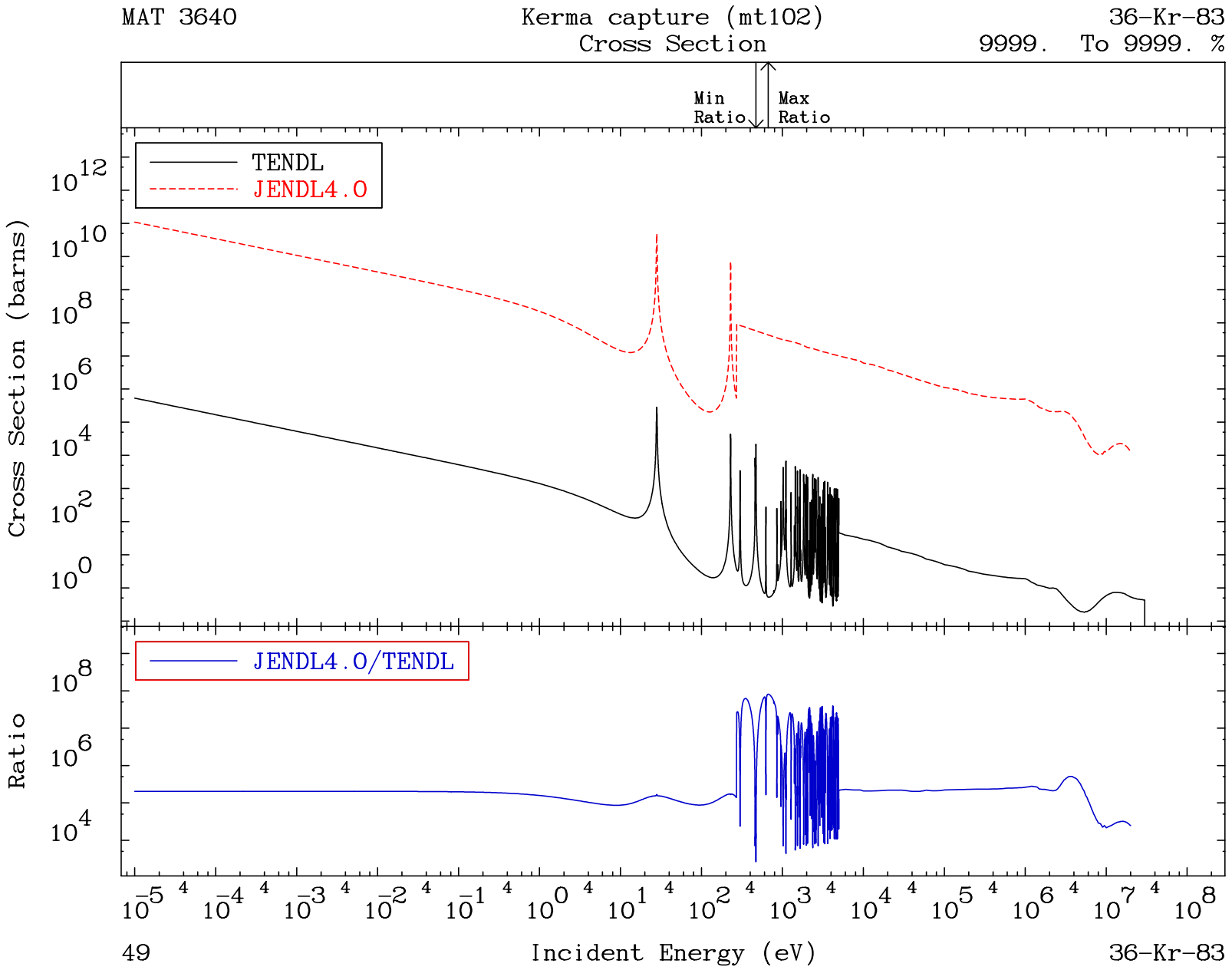

MAT 3640
Kerma total (eV-barns)
Cross Section
36-Kr-83
-1840. To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
44
36-Kr-83

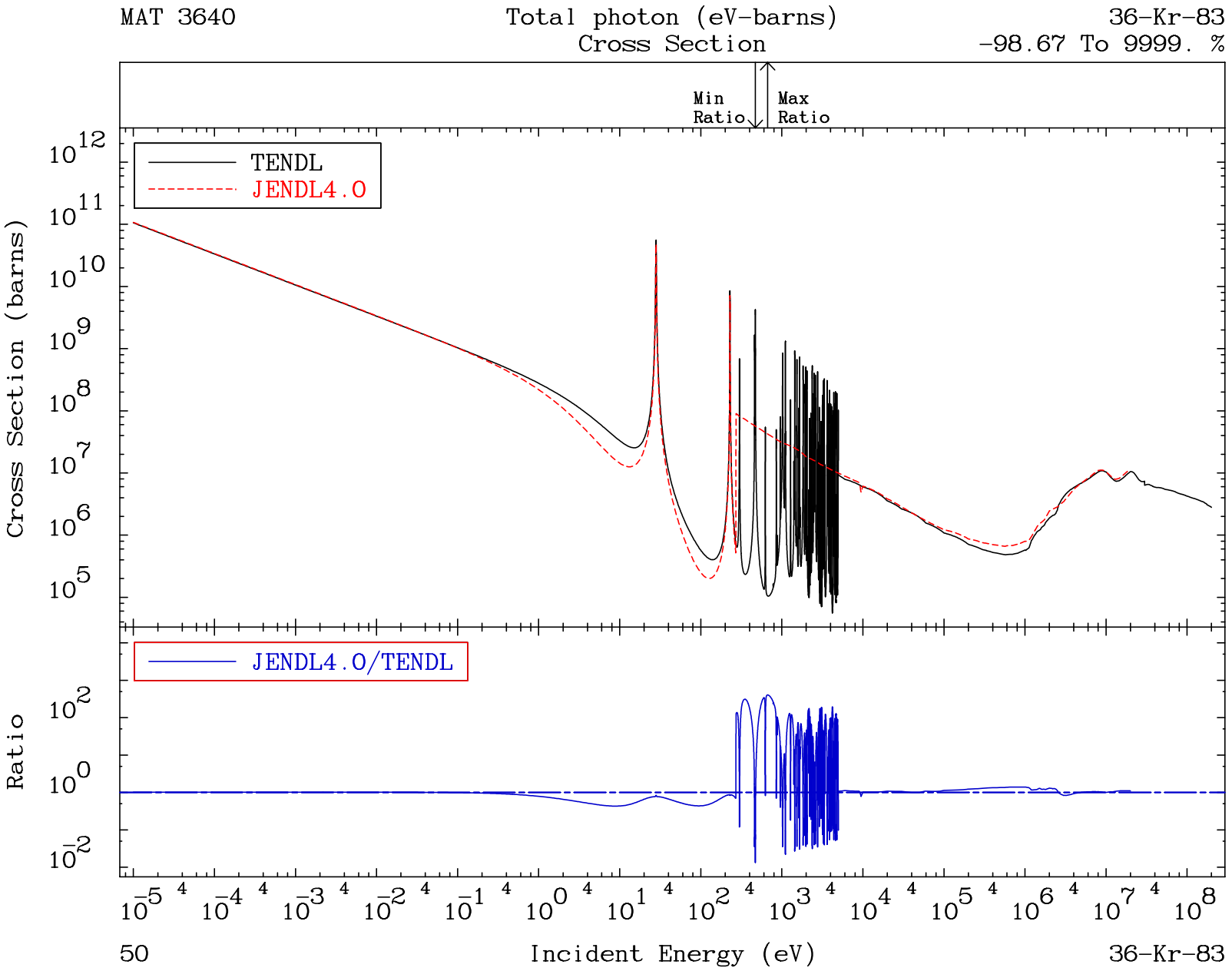

MAT 3640
Kerma elastic
Cross Section
36-Kr-83
-97.89 To 8649. %
Min
Ratio
Max
Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
45
36-Kr-83

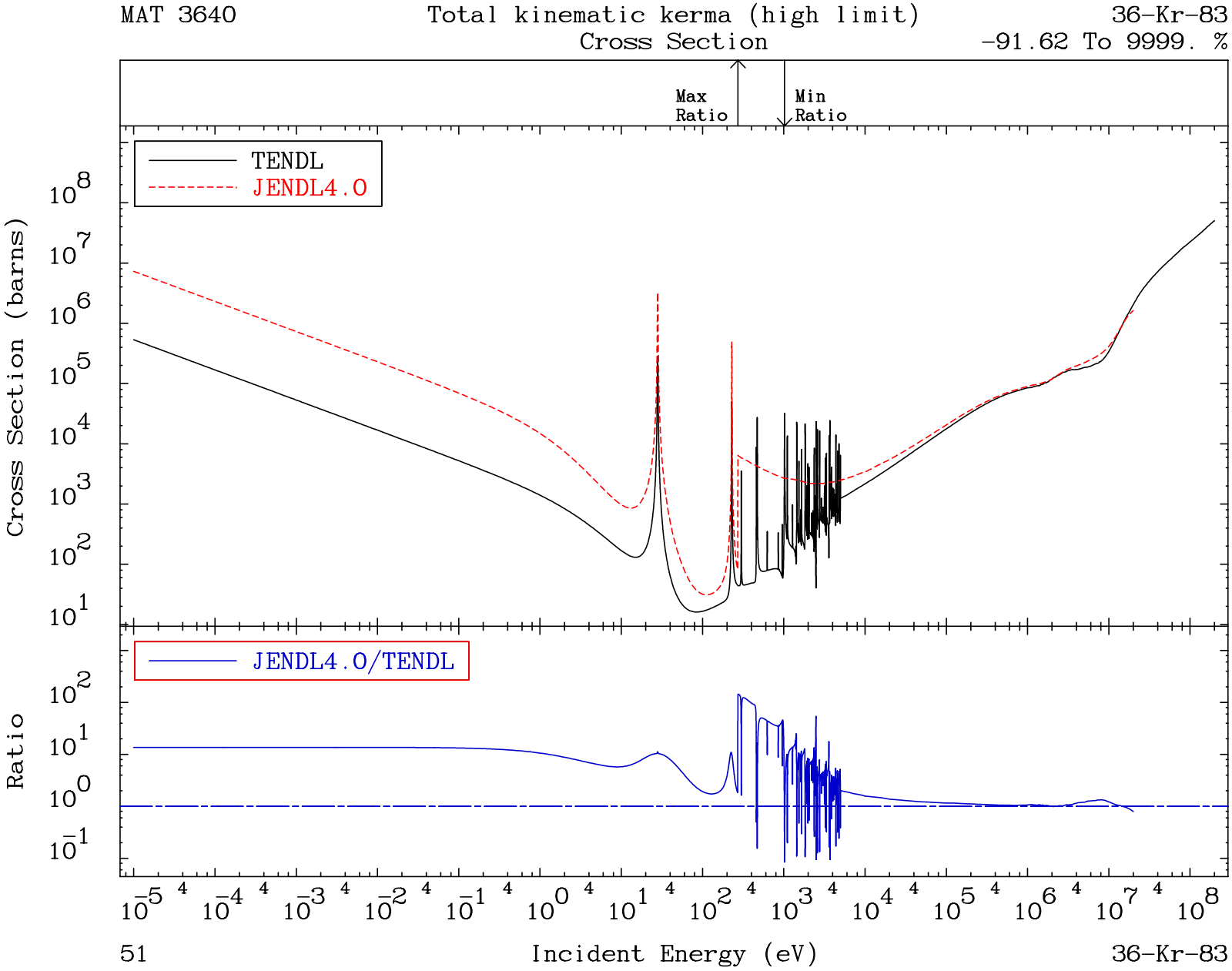

MAT 3640
Kerma non-elastic (all but mt2)
Cross Section
36-Kr-83
-9999. To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
46
36-Kr-83

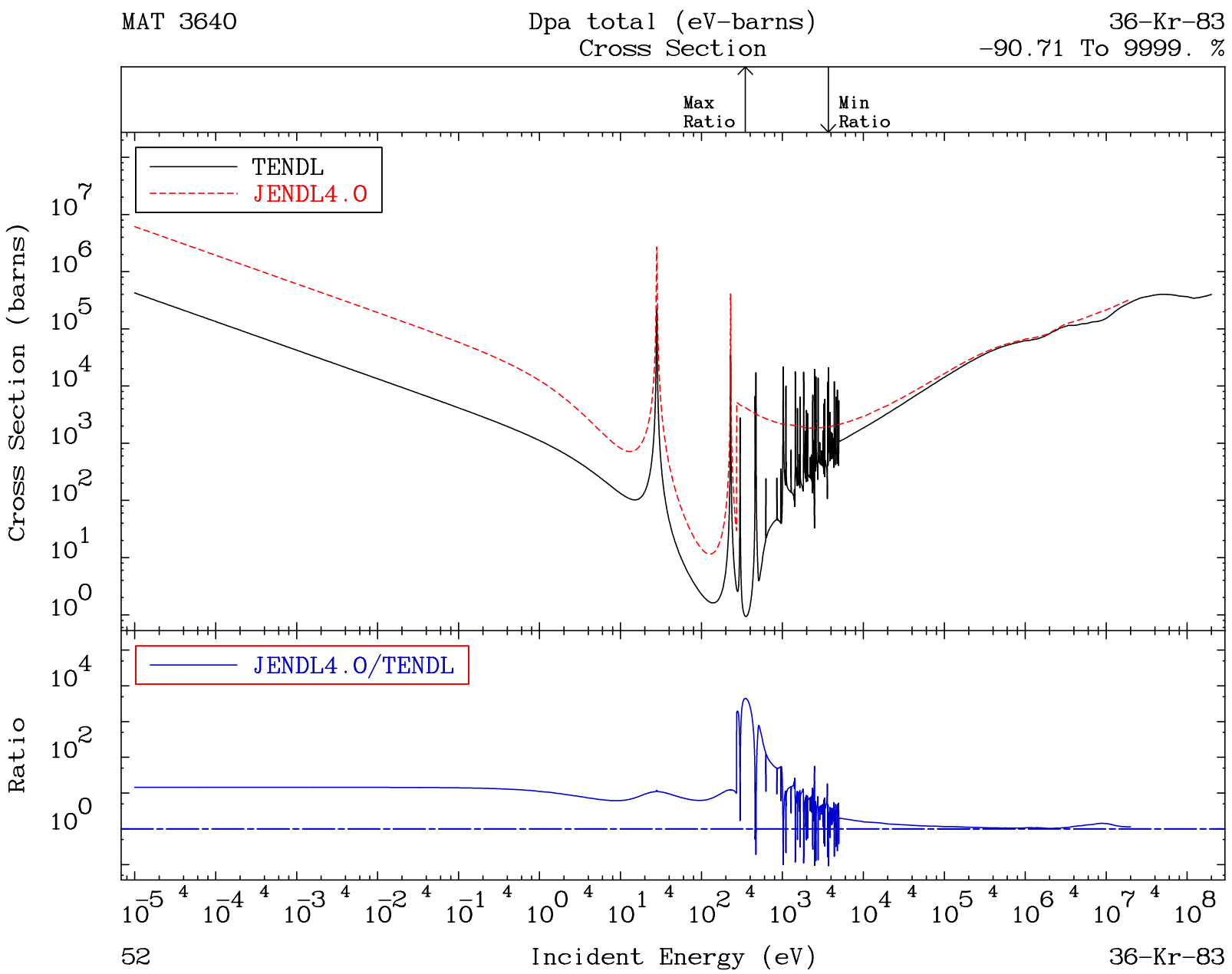

MAT 3640
Kerma inelastic (mt51-91)
Cross Section
36-Kr-83
114.1 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 9.5194 keV
JENDL4.0 Threshold 9.5103 keV
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
47
36-Kr-83

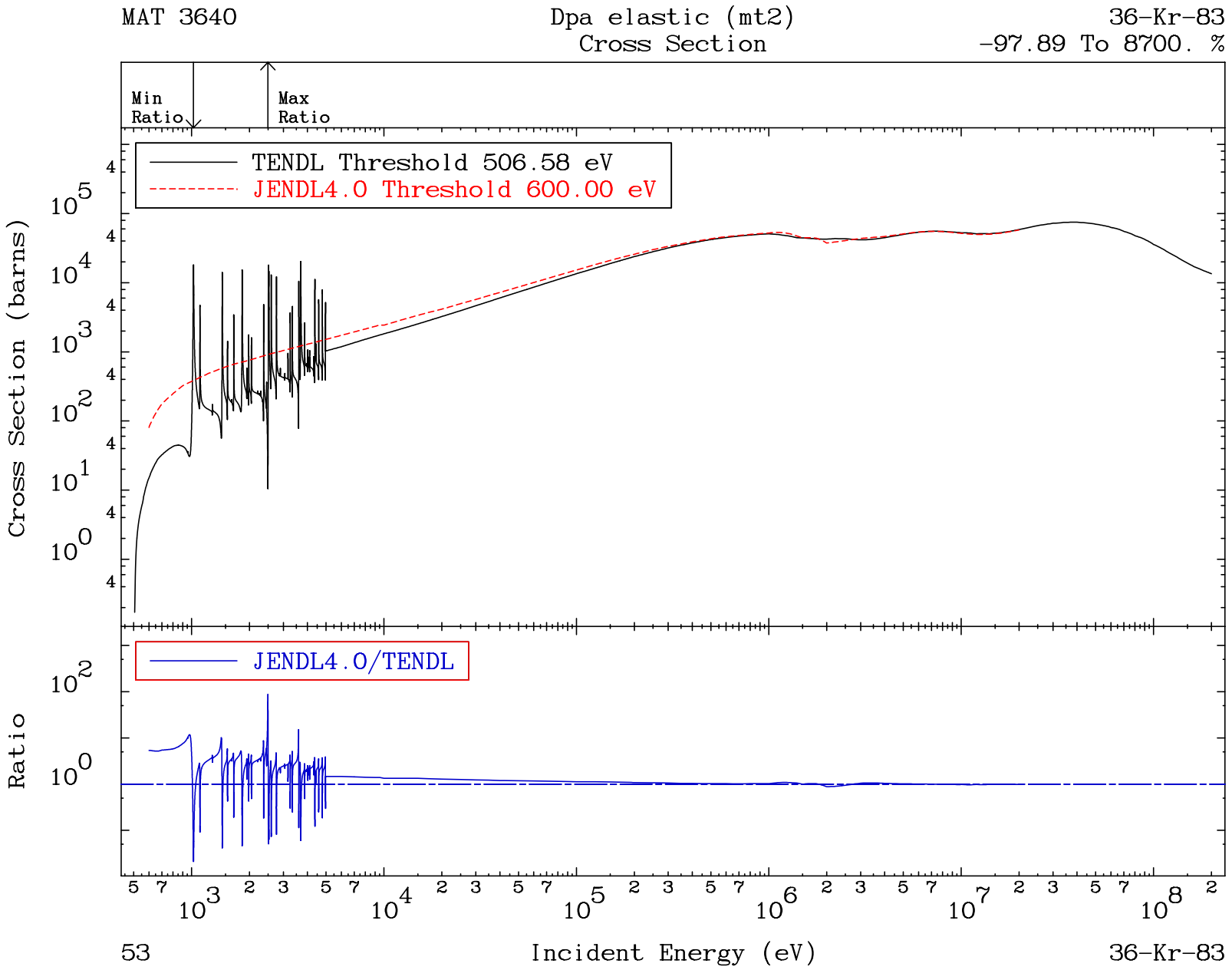

MAT 3640
Kerma fission (mt18 or mt19-20-21-38)
36-Kr-83
Cross Section
114.1 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL4.0
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JENDL4.0/TENDL
Ratio
10^15
10^10
10^5
10^0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
48
Incident Energy (eV)
36-Kr-83

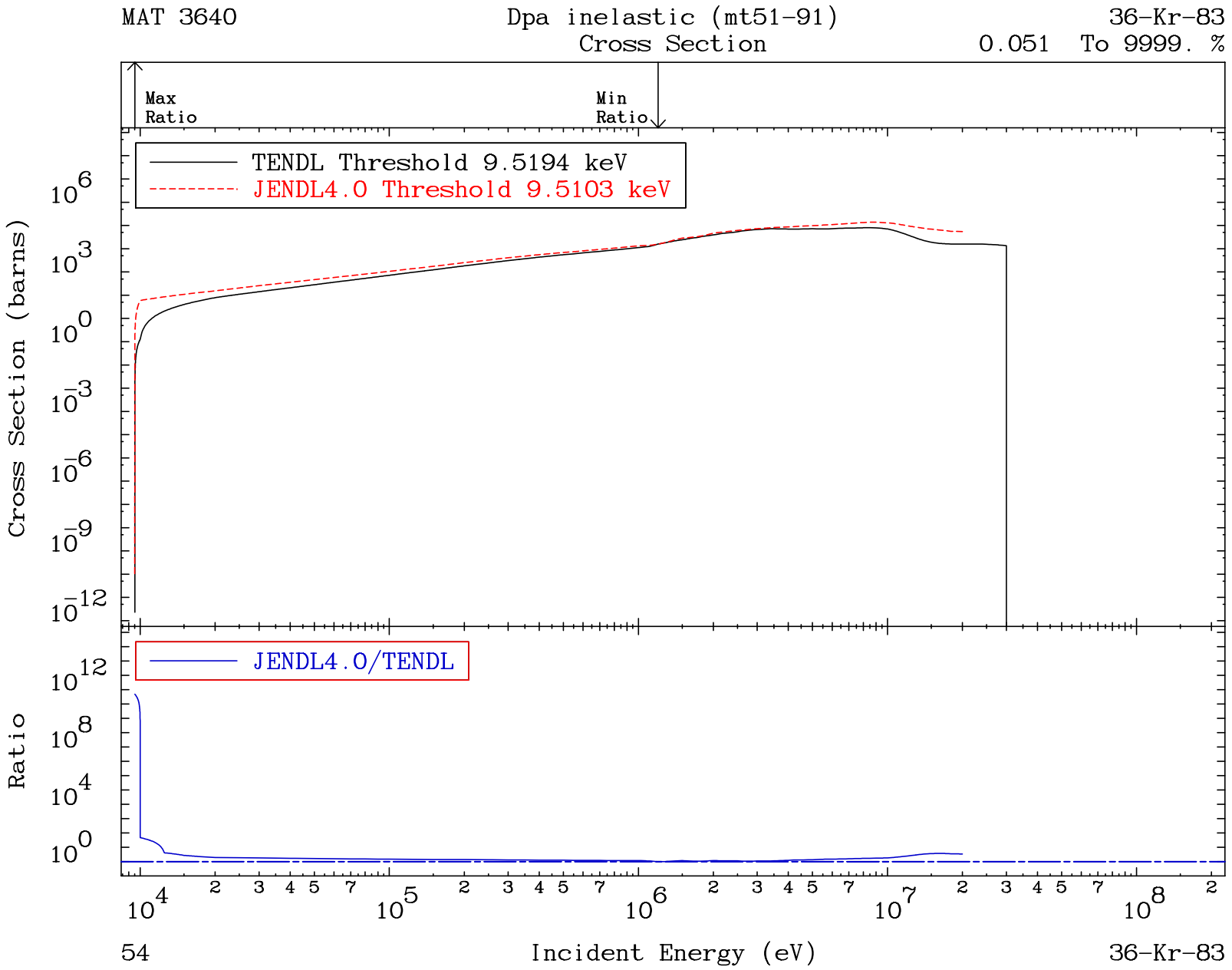

MAT 3640
Kerma capture (mt102)
Cross Section
36-Kr-83
9999. To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
49
36-Kr-83

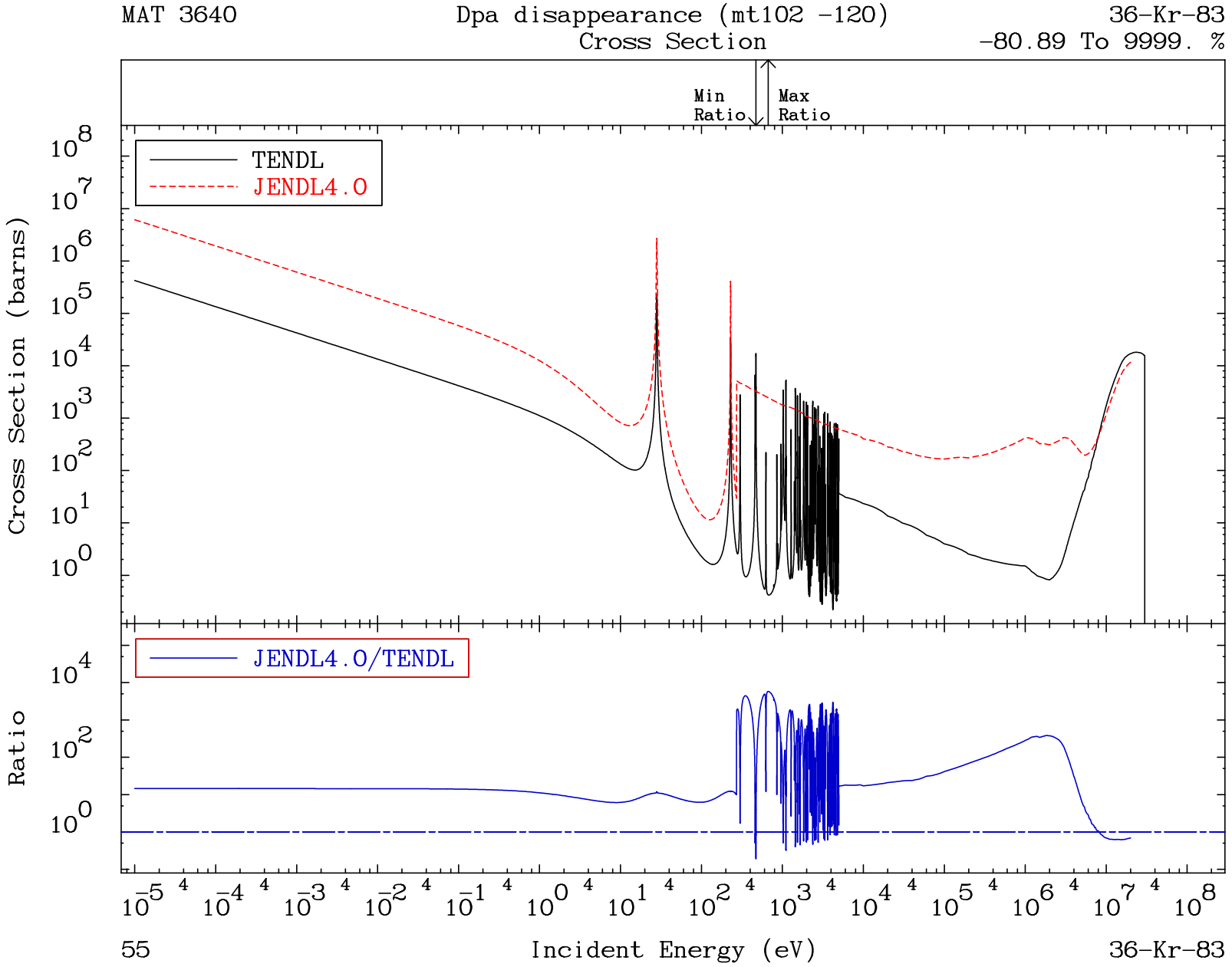

MAT 3640
Total photon (eV-barns)
Cross Section
36-Kr-83
-98.67 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
50
36-Kr-83

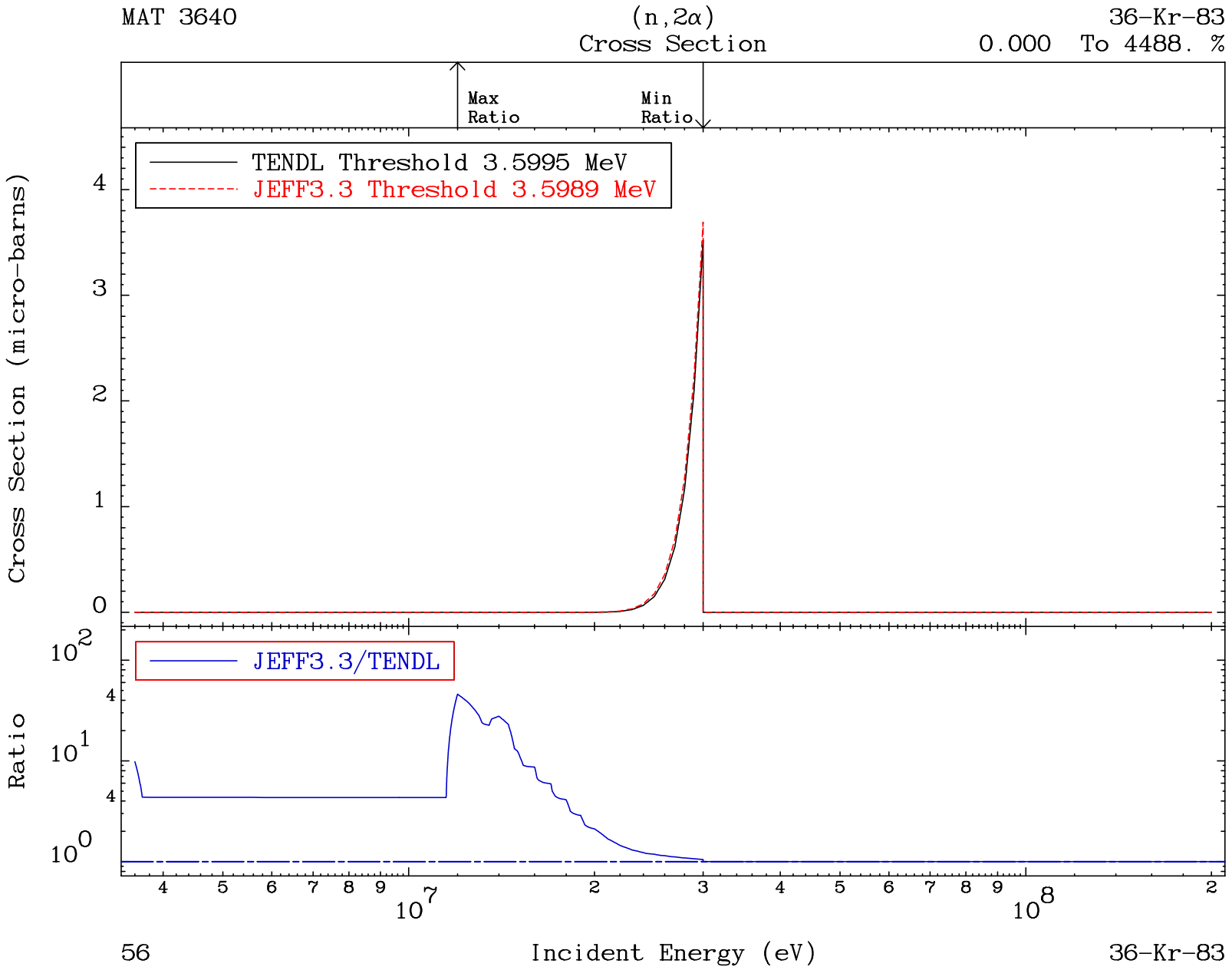

MAT 3640
Total kinematic kerma (high limit)
Cross Section
36-Kr-83
-91.62 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
51
36-Kr-83

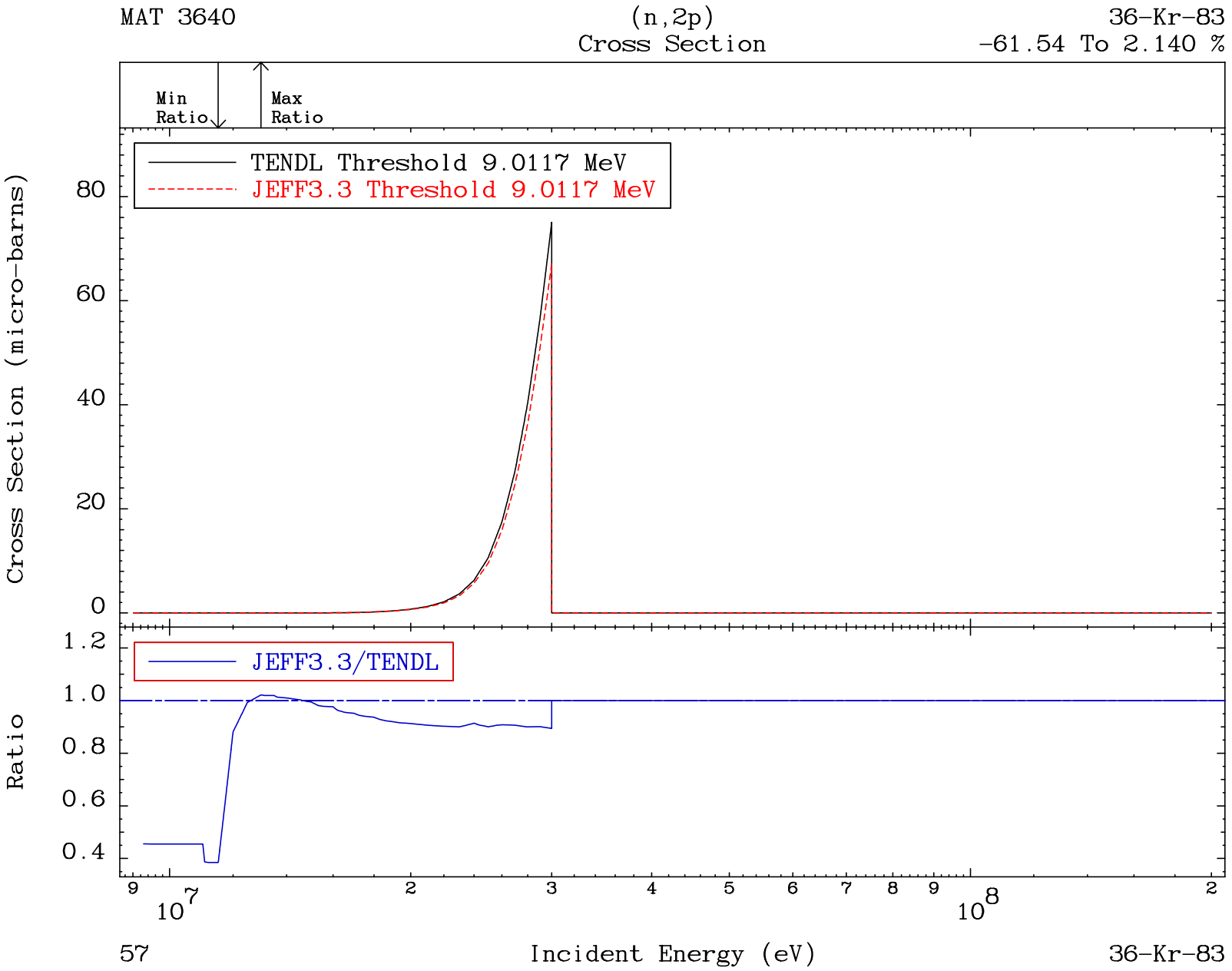

MAT 3640
Dpa total (eV-barns)
Cross Section
36-Kr-83
-90.71 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
52
36-Kr-83

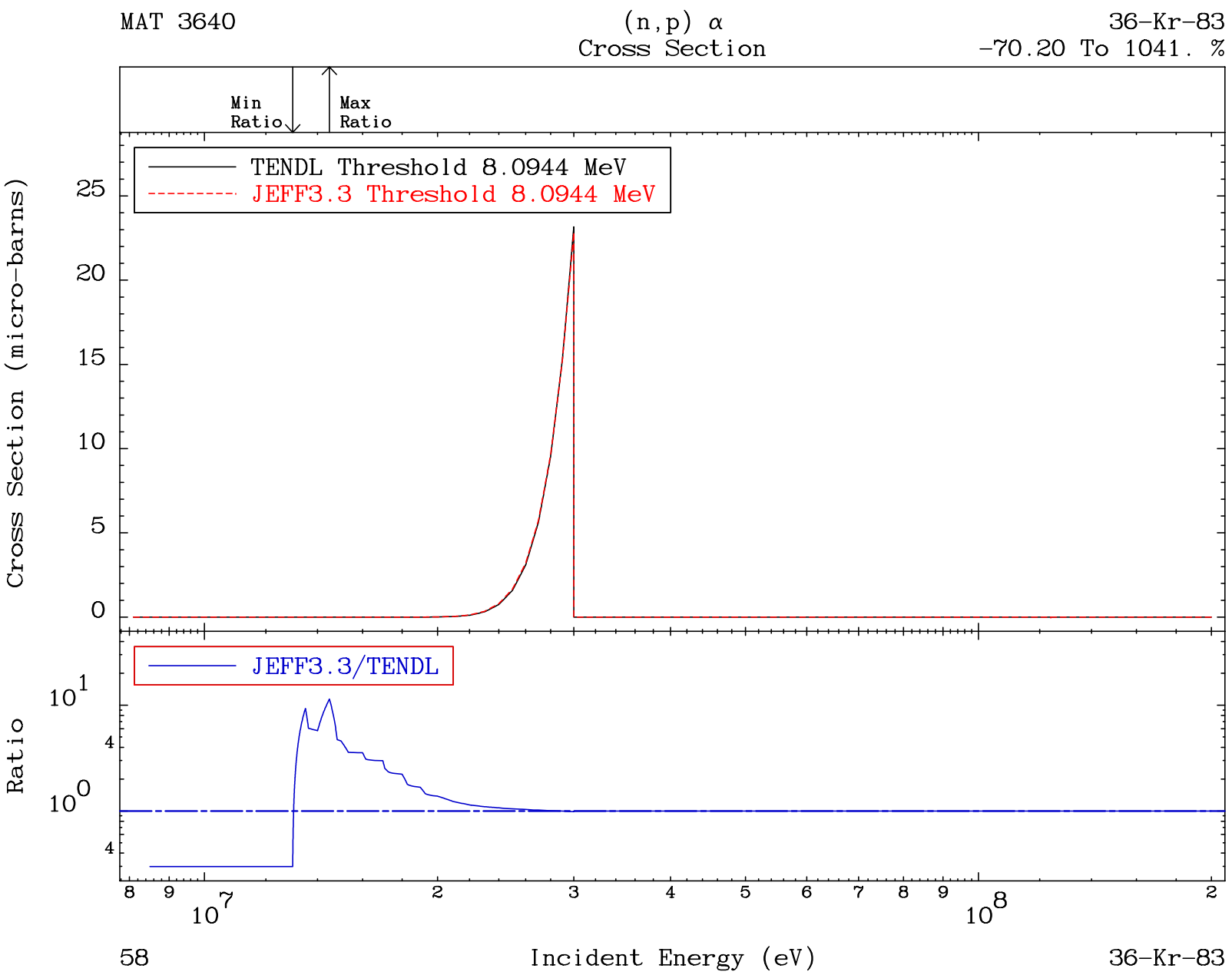

MAT 3640
Dpa elastic (mt2)
Cross Section
36-Kr-83
-97.89 To 8700. %
Min Ratio
Max Ratio
TENDL Threshold 506.58 eV
JENDL4.0 Threshold 600.00 eV
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
53
36-Kr-83

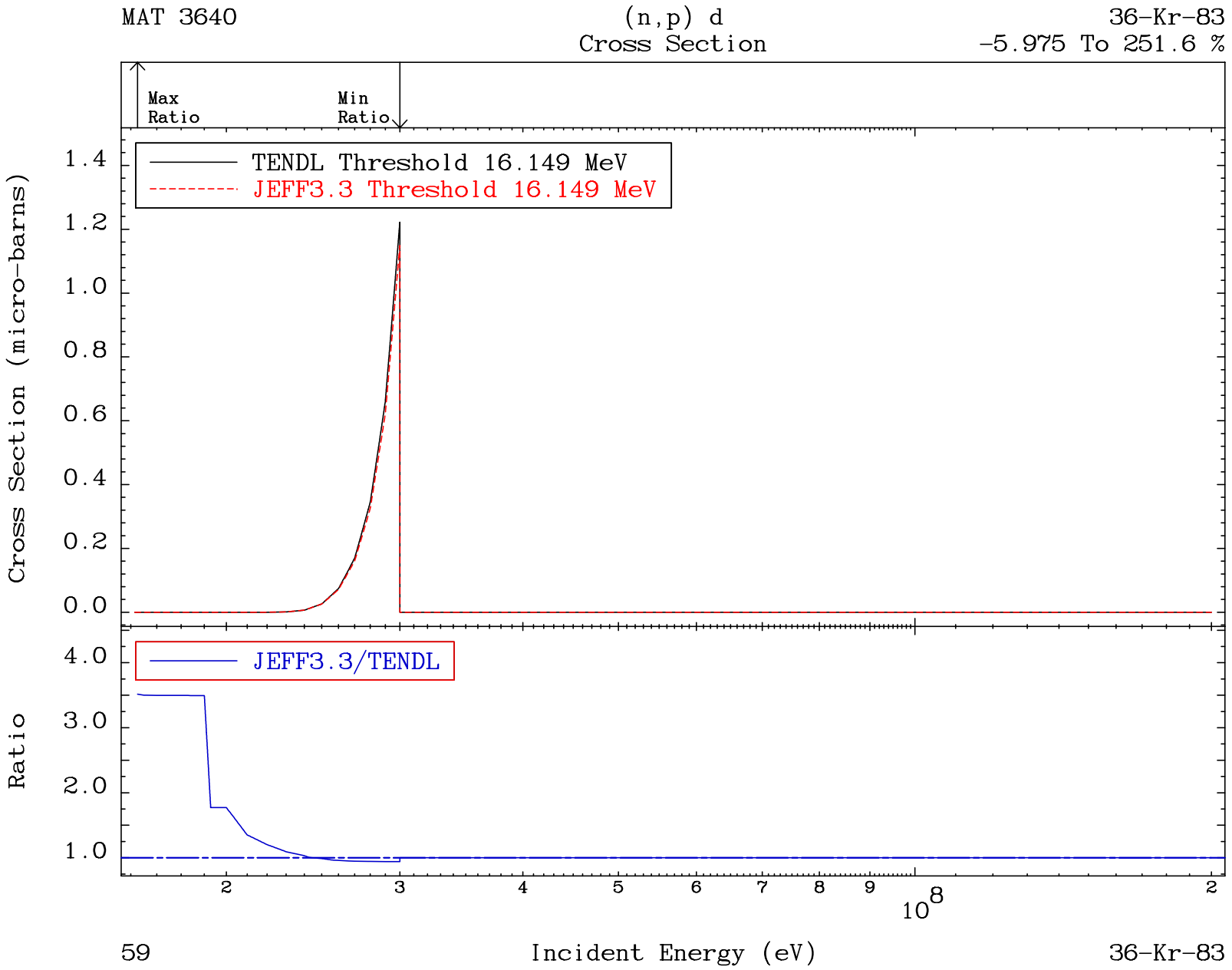

MAT 3640
Dpa inelastic (mt51-91)
Cross Section
36-Kr-83
0.051 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 9.5194 keV
JENDL4.0 Threshold 9.5103 keV
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
54
36-Kr-83

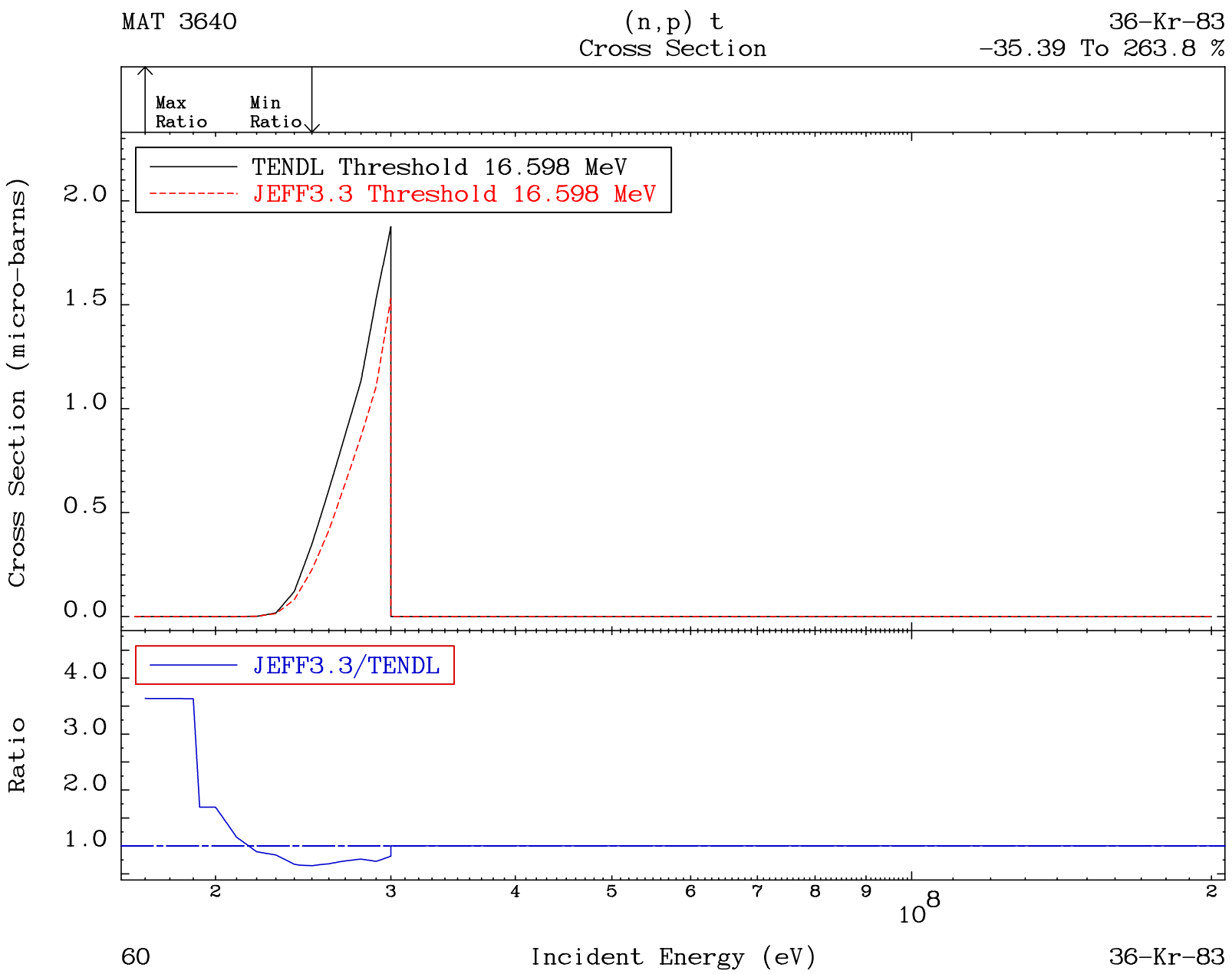

MAT 3640
Dpa disappearance (mt102 -120)
Cross Section
36-Kr-83
-80.89 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL4.0
Cross Section (barns)
JENDL4.0/TENDL
Ratio
Incident Energy (eV)
55
36-Kr-83

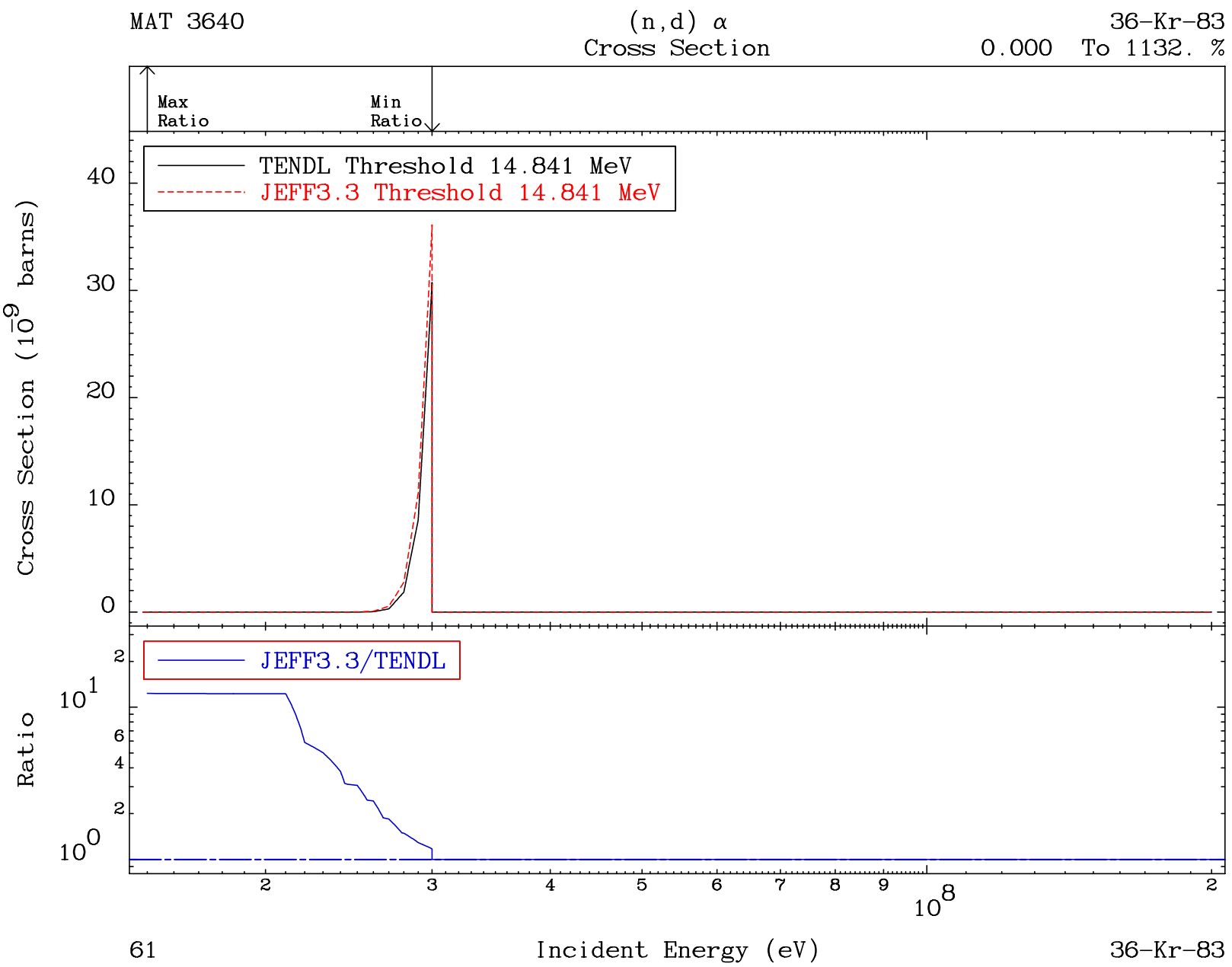

MAT 3640
(n,2α)
Cross Section
36-Kr-83
0.000 To 4488. %
Max Ratio
Min Ratio
TENDL Threshold 3.5995 MeV
JEFF3.3 Threshold 3.5989 MeV
Cross Section (micro-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
56
36-Kr-83

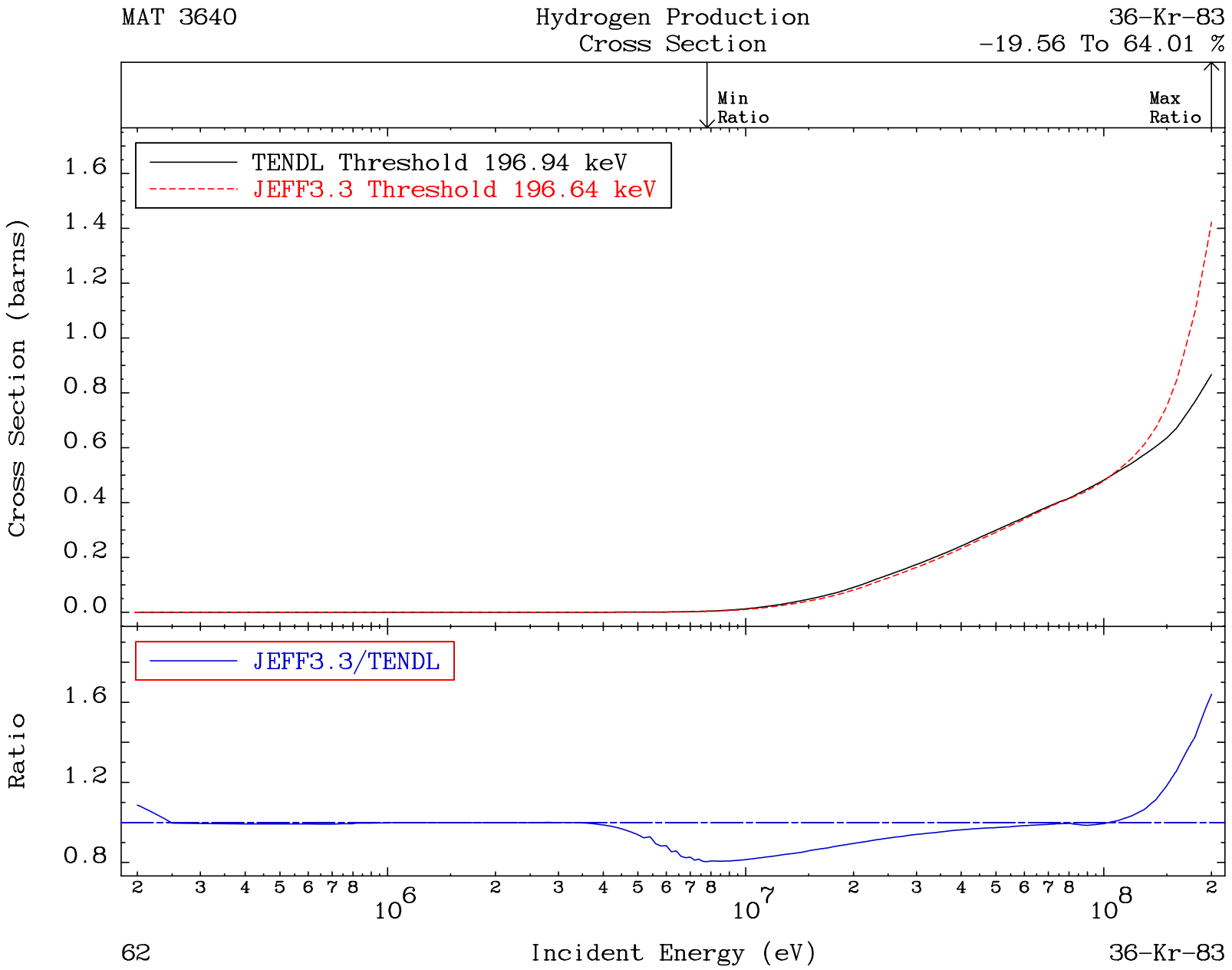

MAT 3640
(n,2p)
Cross Section
36-Kr-83
-61.54 To 2.140 %
Min Ratio
Max Ratio
TENDL Threshold 9.0117 MeV
JEFF3.3 Threshold 9.0117 MeV
Cross Section (micro-barns)
0
20
40
60
80
JEFF3.3/TENDL
Ratio
0.4
0.6
0.8
1.0
1.2
9
10^7
2
3
4
5
6
7
8
9
10^8
2
57
Incident Energy (eV)
36-Kr-83

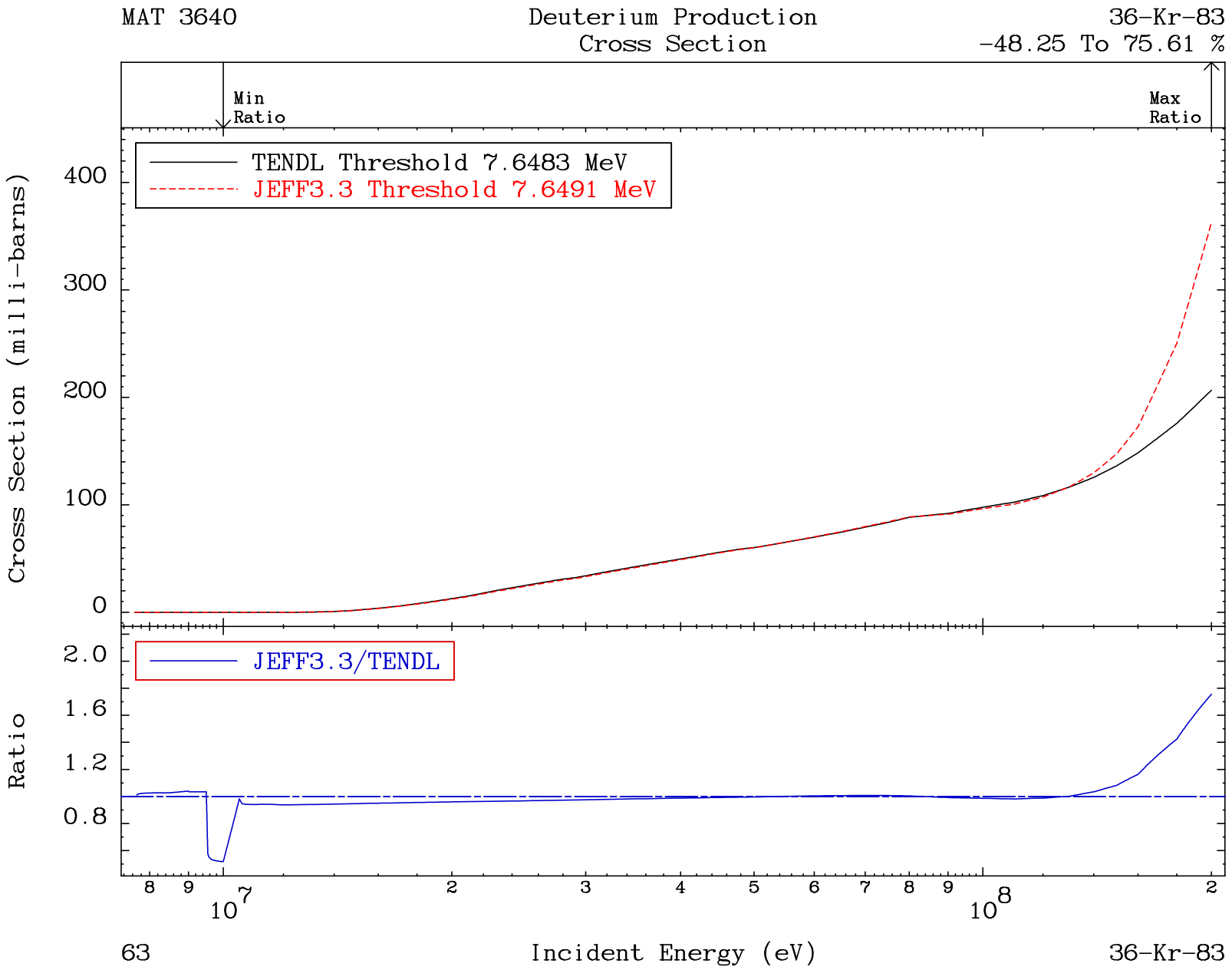

MAT 3640
(n,p) α
Cross Section
36-Kr-83
-70.20 To 1041. %
Min Ratio
Max Ratio
TENDL Threshold 8.0944 MeV
JEFF3.3 Threshold 8.0944 MeV
Cross Section (micro-barns)
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^1
10^0
4
4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
58
Incident Energy (eV)
36-Kr-83

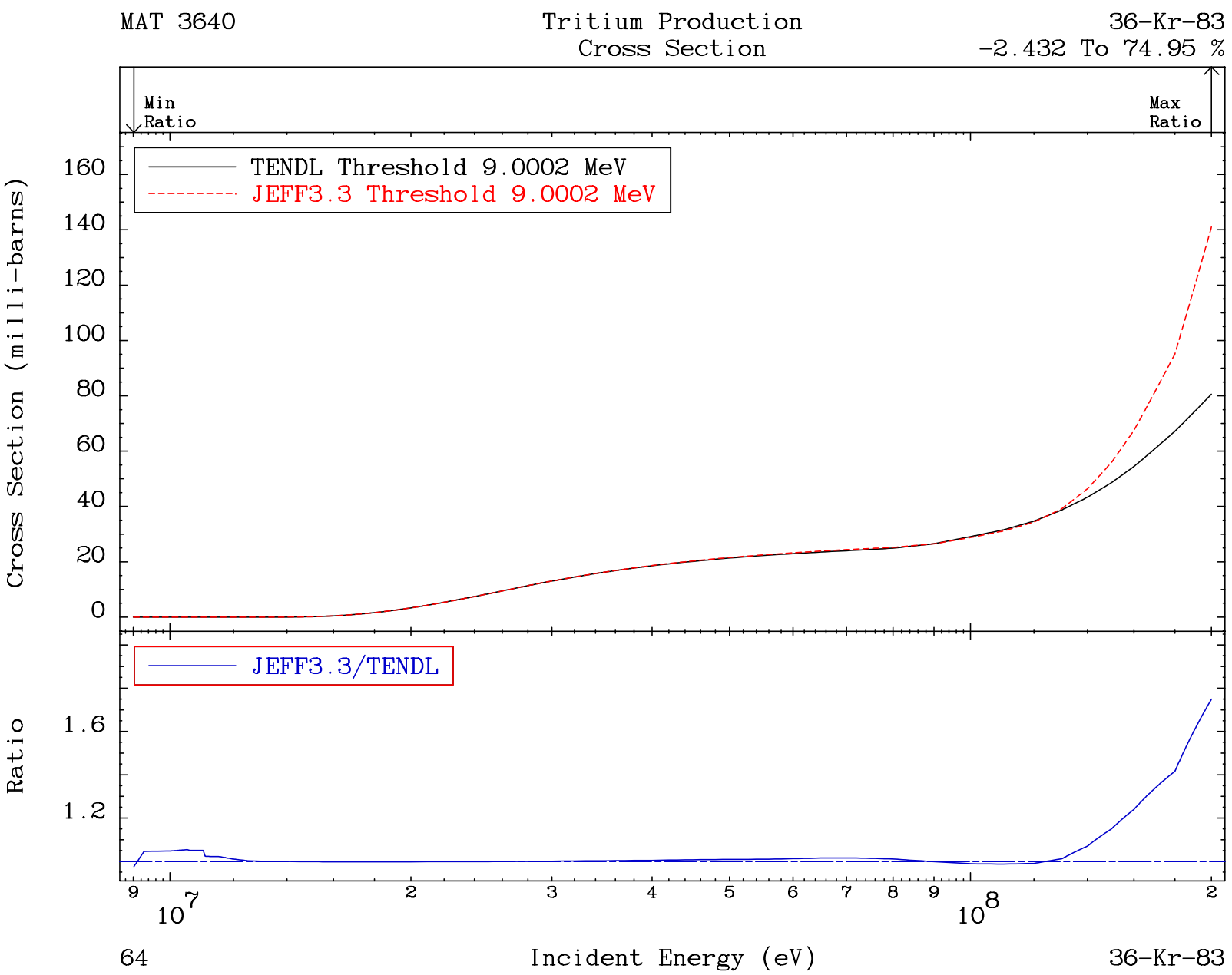

MAT 3640
(n,p) d
Cross Section
36-Kr-83
-5.975 To 251.6 %
Max Ratio
Min Ratio
TENDL Threshold 16.149 MeV
JEFF3.3 Threshold 16.149 MeV
Cross Section (micro-barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
4.0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
59
Incident Energy (eV)
36-Kr-83

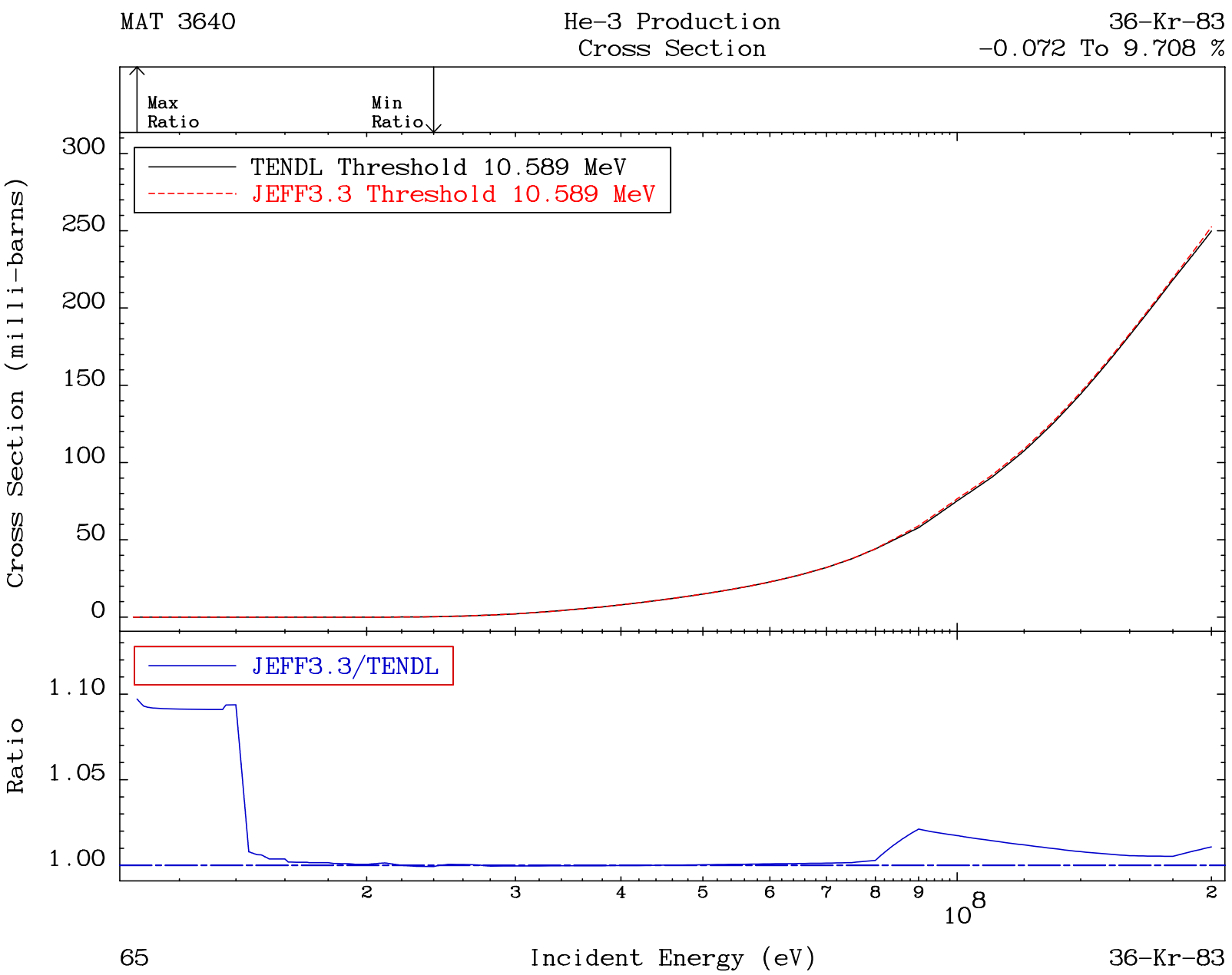

MAT 3640
(n,p) t
Cross Section
36-Kr-83
-35.39 To 263.8 %
Max Ratio
Min Ratio
TENDL Threshold 16.598 MeV
JEFF3.3 Threshold 16.598 MeV
Cross Section (micro-barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
4.0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
60
Incident Energy (eV)
36-Kr-83

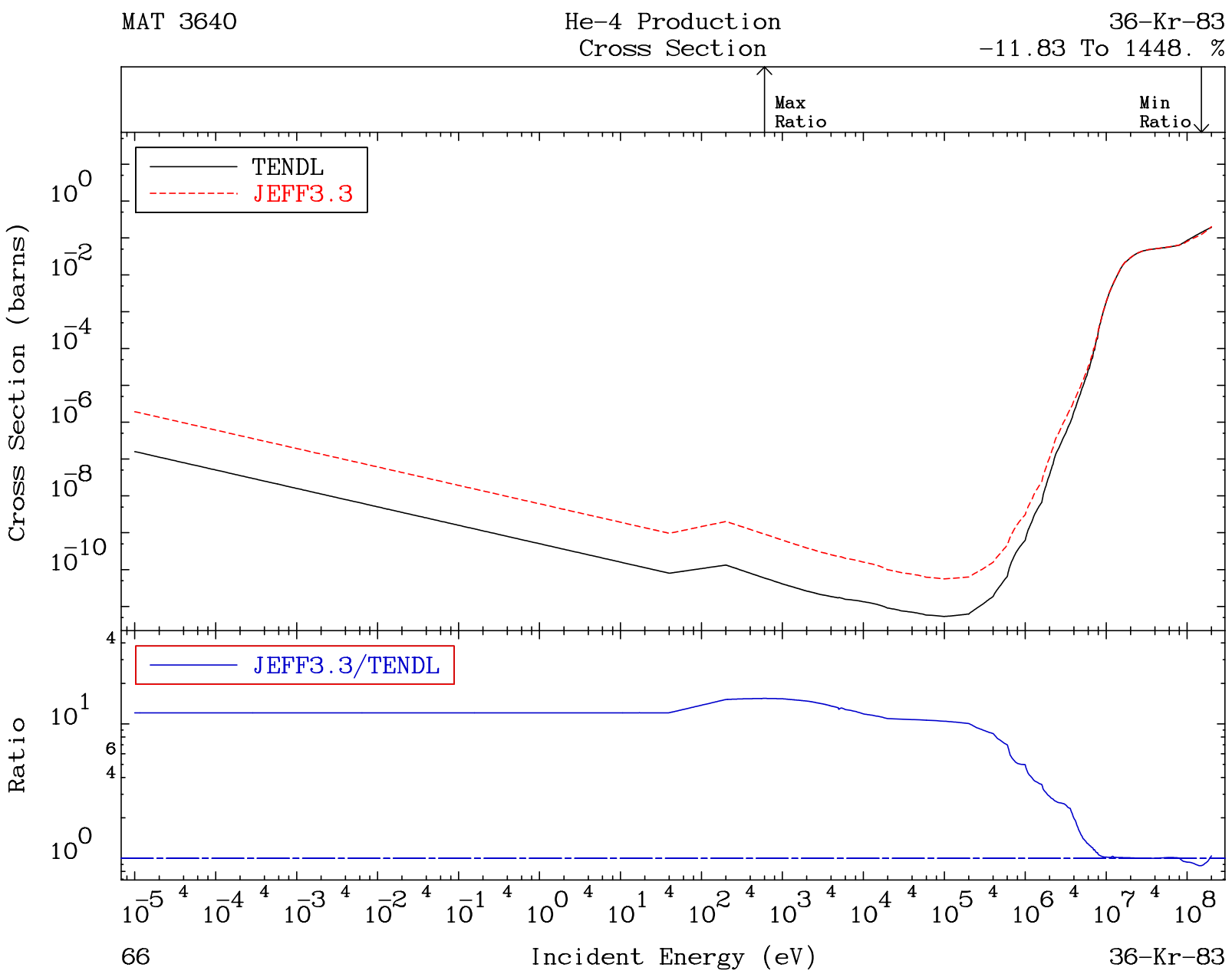

MAT 3640
(n,d) α
Cross Section
36-Kr-83
0.000 To 1132. %
Max Ratio
Min Ratio
TENDL Threshold 14.841 MeV
JEFF3.3 Threshold 14.841 MeV
Cross Section (10^-9 barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^1
10^0
2
6
4
2
2
3
4
5
6
7
8
9
10^8
2
61
Incident Energy (eV)
36-Kr-83

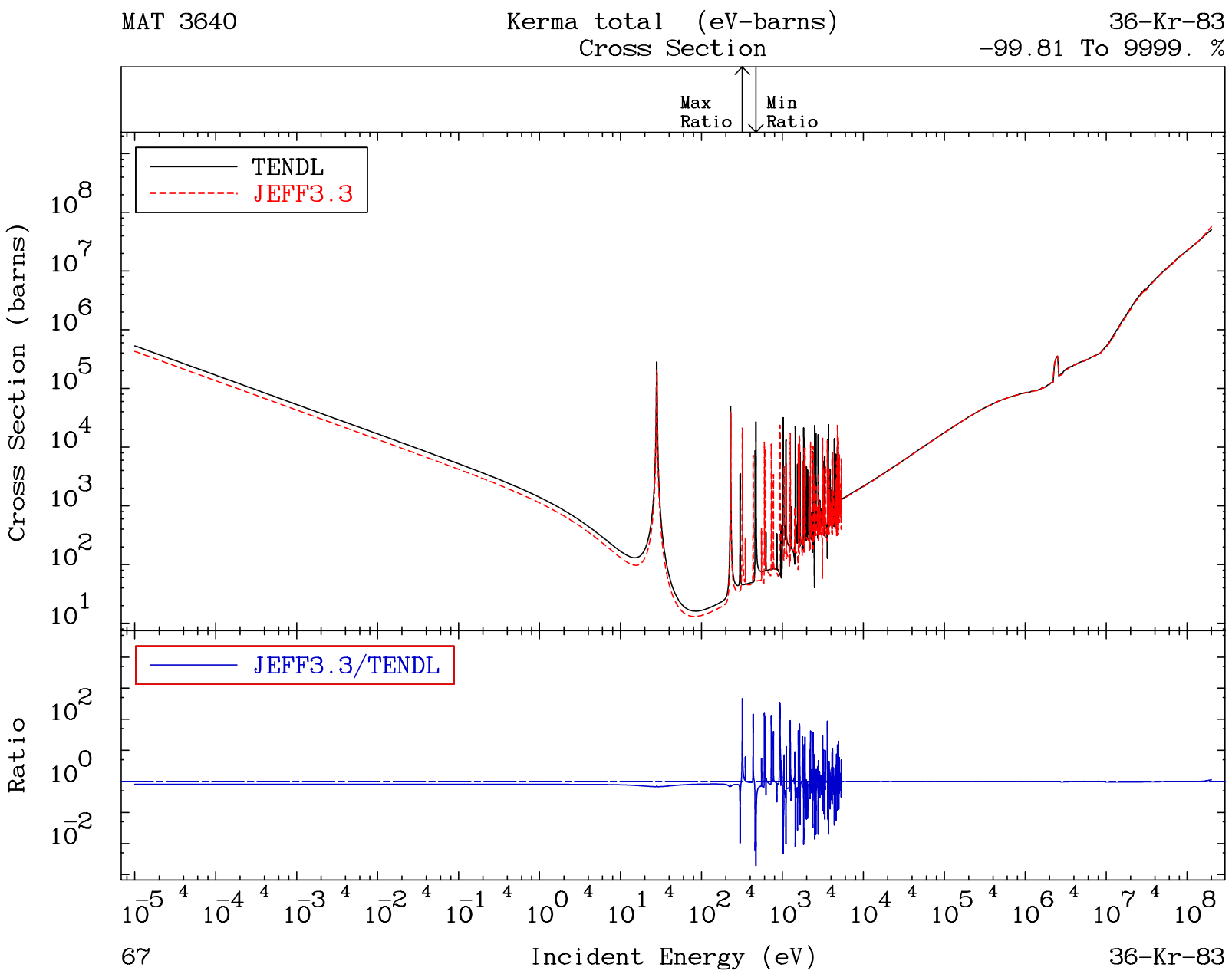

MAT 3640
Hydrogen Production
Cross Section
36-Kr-83
-19.56 To 64.01 %
Min Ratio
Max Ratio
TENDL Threshold 196.94 keV
JEFF3.3 Threshold 196.64 keV
Cross Section (barns)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.6
1.2
0.8
2 3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
62
Incident Energy (eV)
36-Kr-83

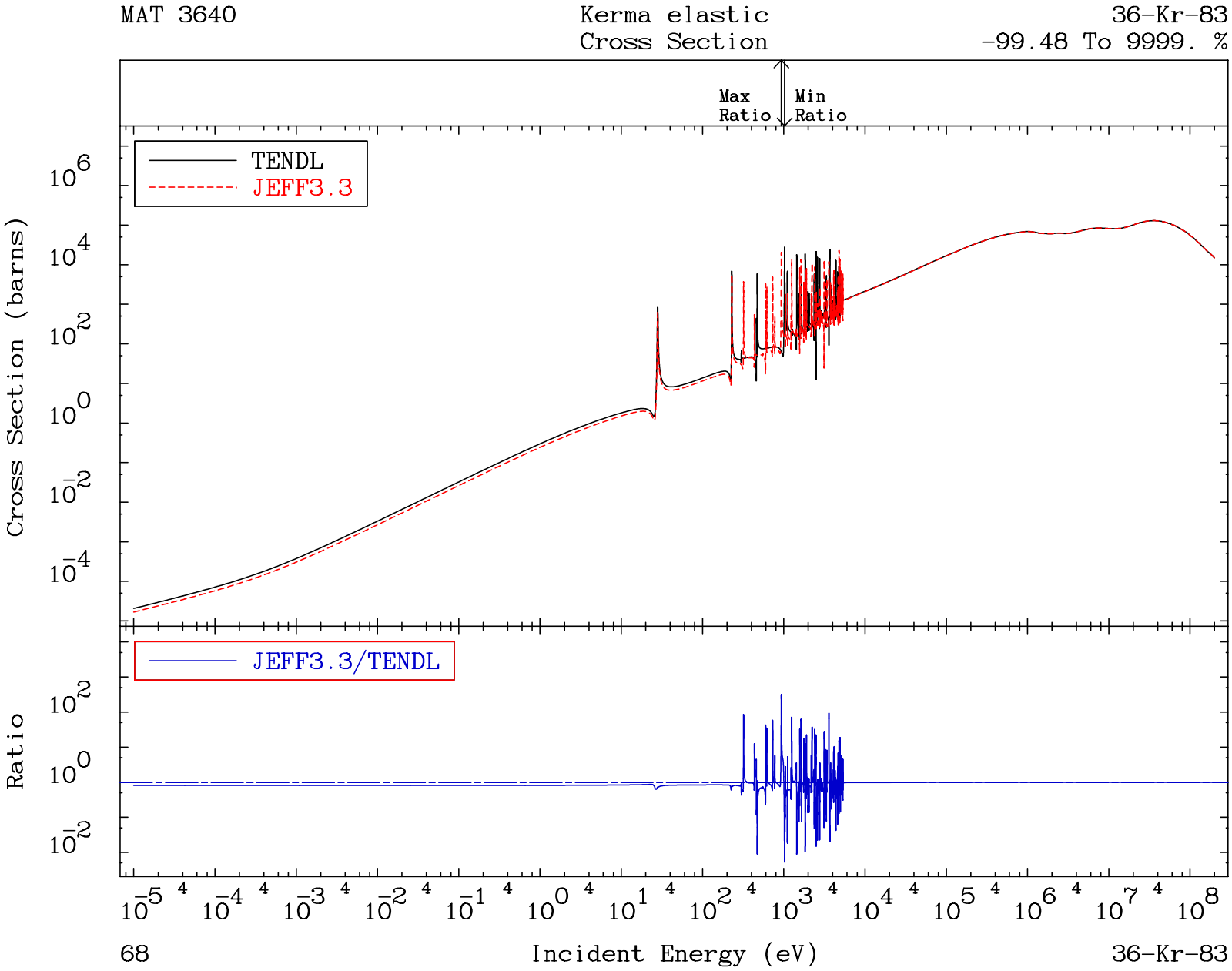

MAT 3640
Deuterium Production
Cross Section
36-Kr-83
-48.25 To 75.61 %
Min
Ratio
Max
Ratio
TENDL Threshold 7.6483 MeV
JEFF3.3 Threshold 7.6491 MeV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
2.0
1.6
1.2
0.8
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
63
Incident Energy (eV)
36-Kr-83

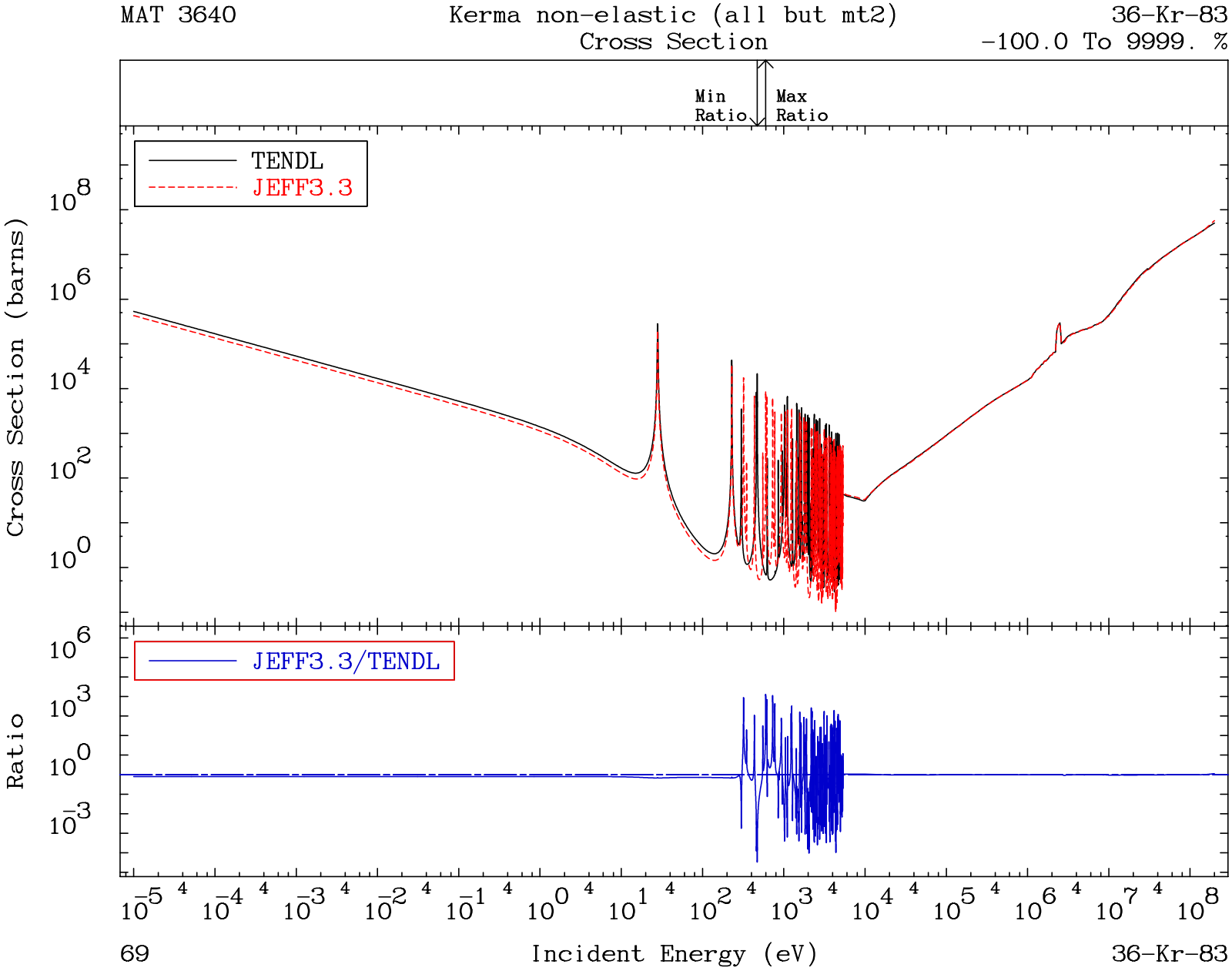

MAT 3640
Tritium Production
Cross Section
36-Kr-83
-2.432 To 74.95 %
Min
Ratio
Max
Ratio
TENDL Threshold 9.0002 MeV
JEFF3.3 Threshold 9.0002 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.6
1.2
9
2
3
4
5
6
7
8
9
10^7
10^8
2
64
Incident Energy (eV)
36-Kr-83

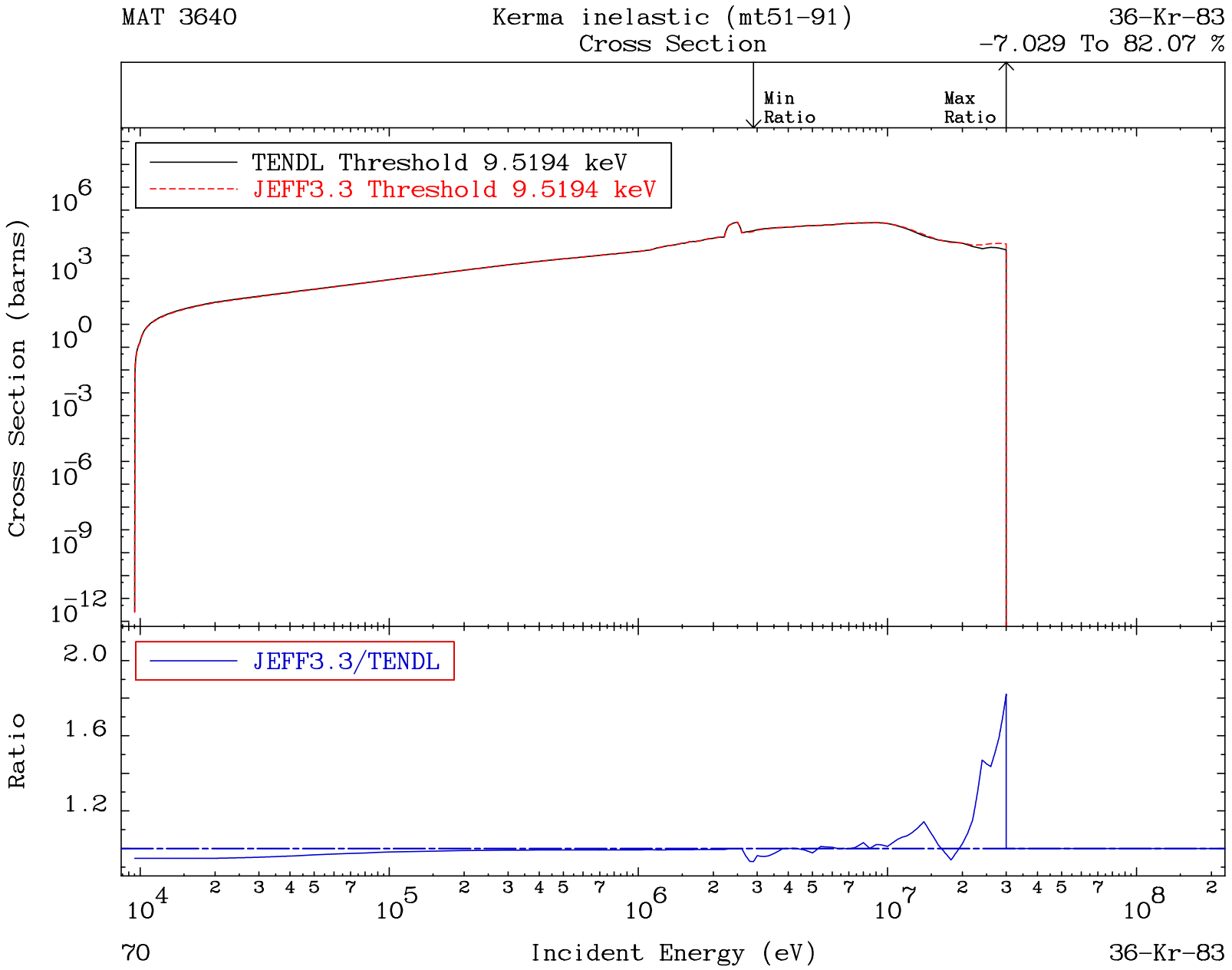

MAT 3640
He-3 Production
Cross Section
36-Kr-83
-0.072 To 9.708 %
Max Ratio
Min Ratio
TENDL Threshold 10.589 MeV
JEFF3.3 Threshold 10.589 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.10
1.05
1.00
2
3
4
5
6
7
8
9
10^8
2
65
Incident Energy (eV)
36-Kr-83

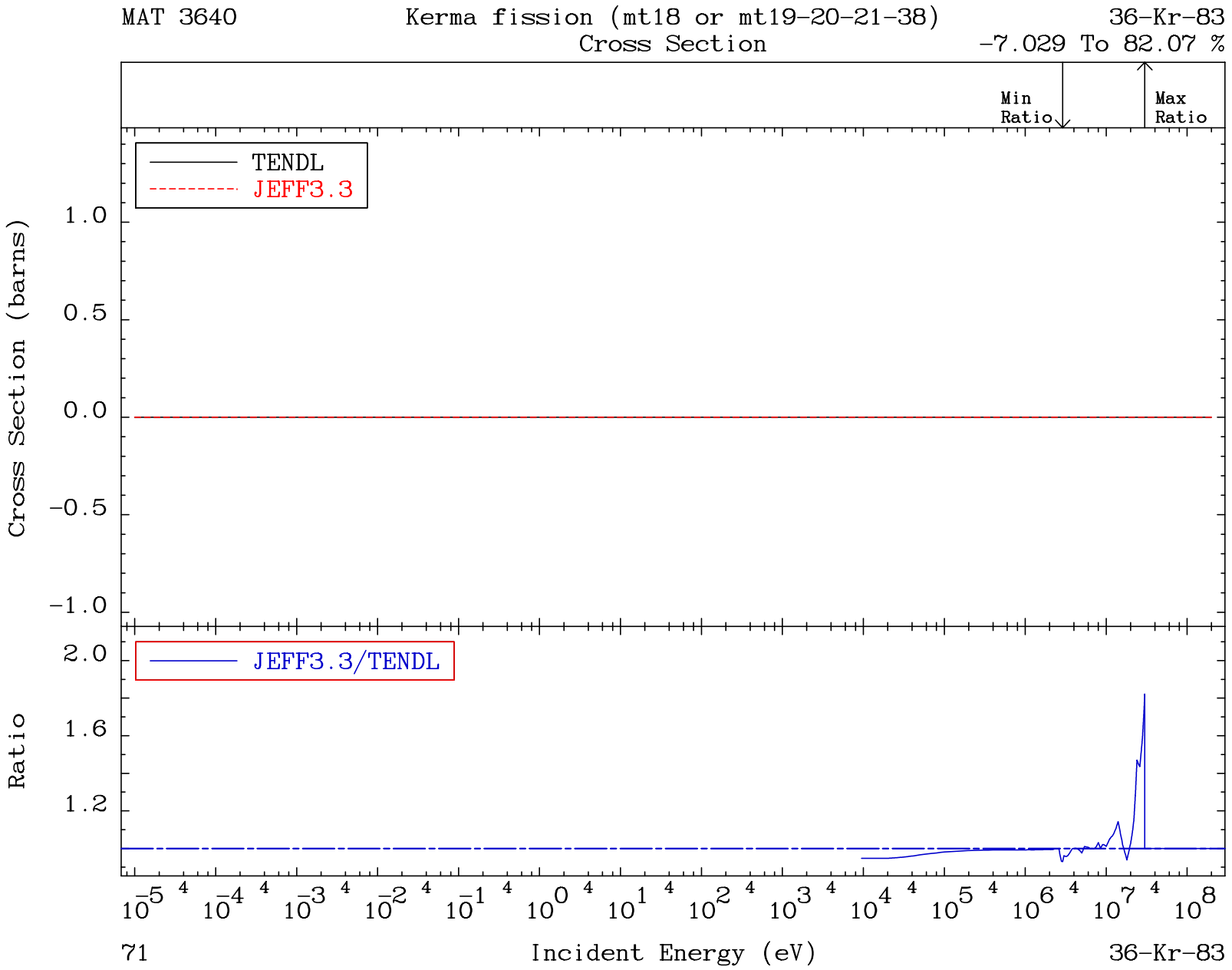

MAT 3640
He-4 Production
Cross Section
36-Kr-83
-11.83 To 1448. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
66
36-Kr-83

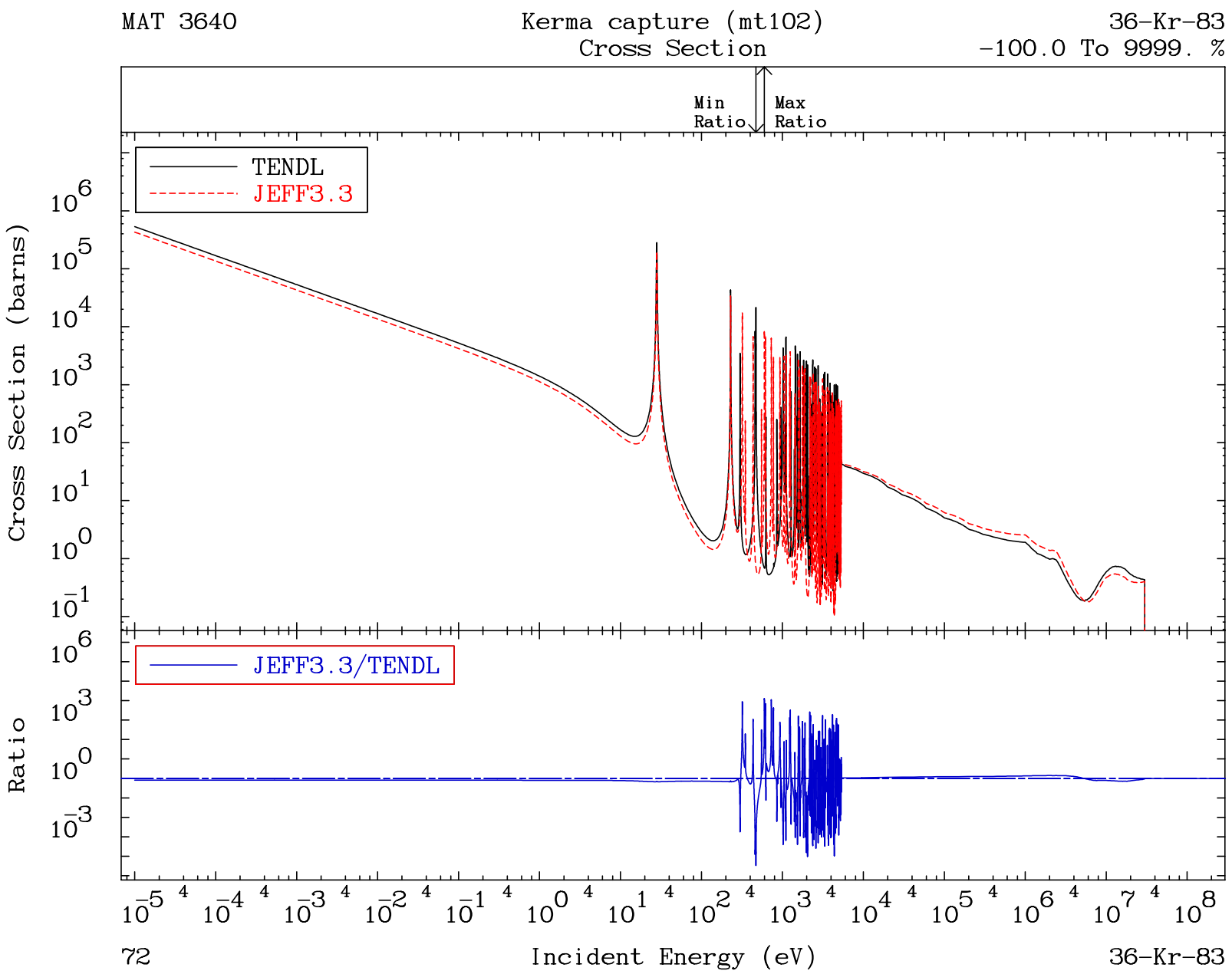

MAT 3640
Kerma total (eV-barns)
Cross Section
36-Kr-83
-99.81 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
67
36-Kr-83

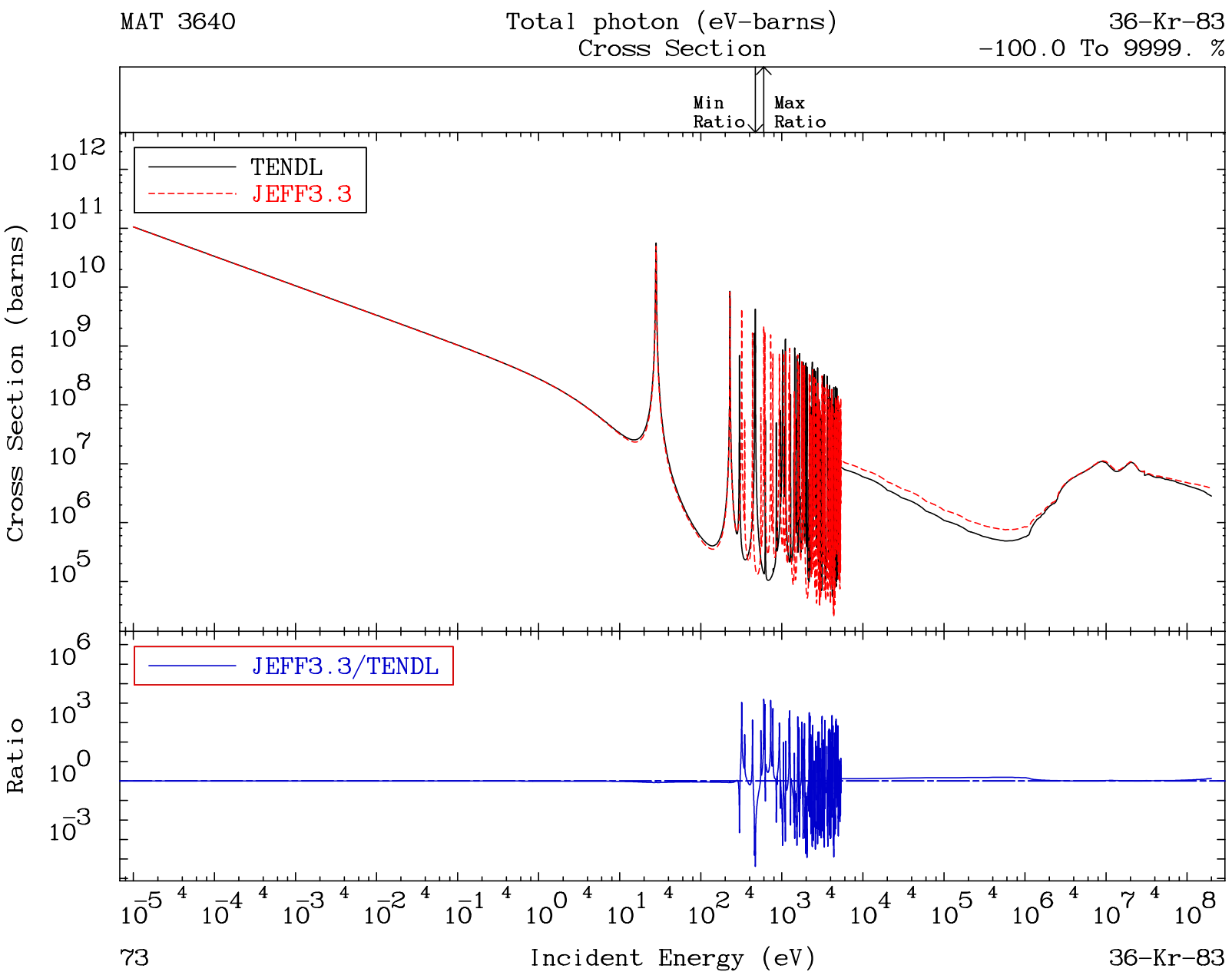

MAT 3640
Kerma elastic
Cross Section
36-Kr-83
-99.48 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
68
36-Kr-83

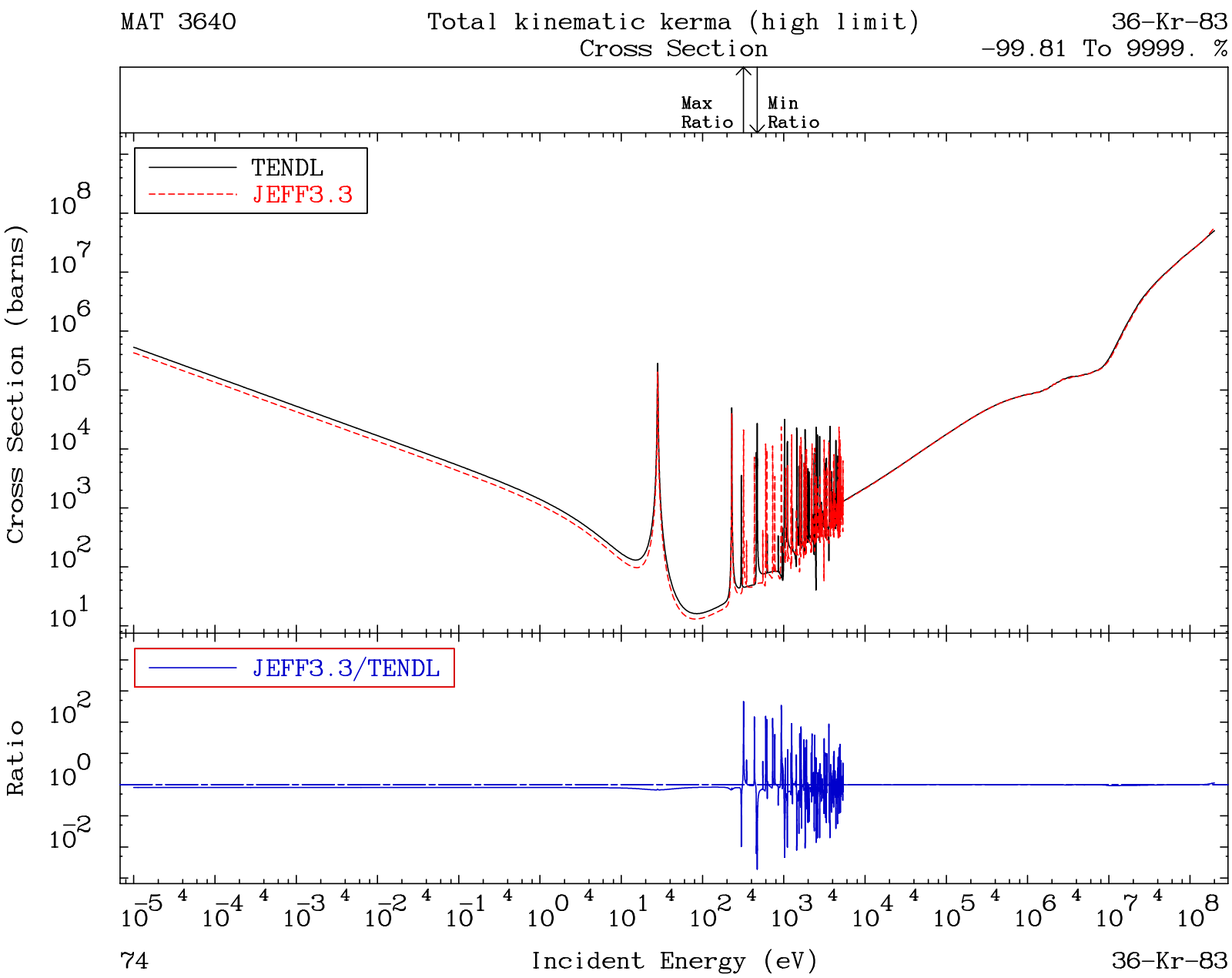

MAT 3640
Kerma non-elastic (all but mt2)
Cross Section
36-Kr-83
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
69
36-Kr-83

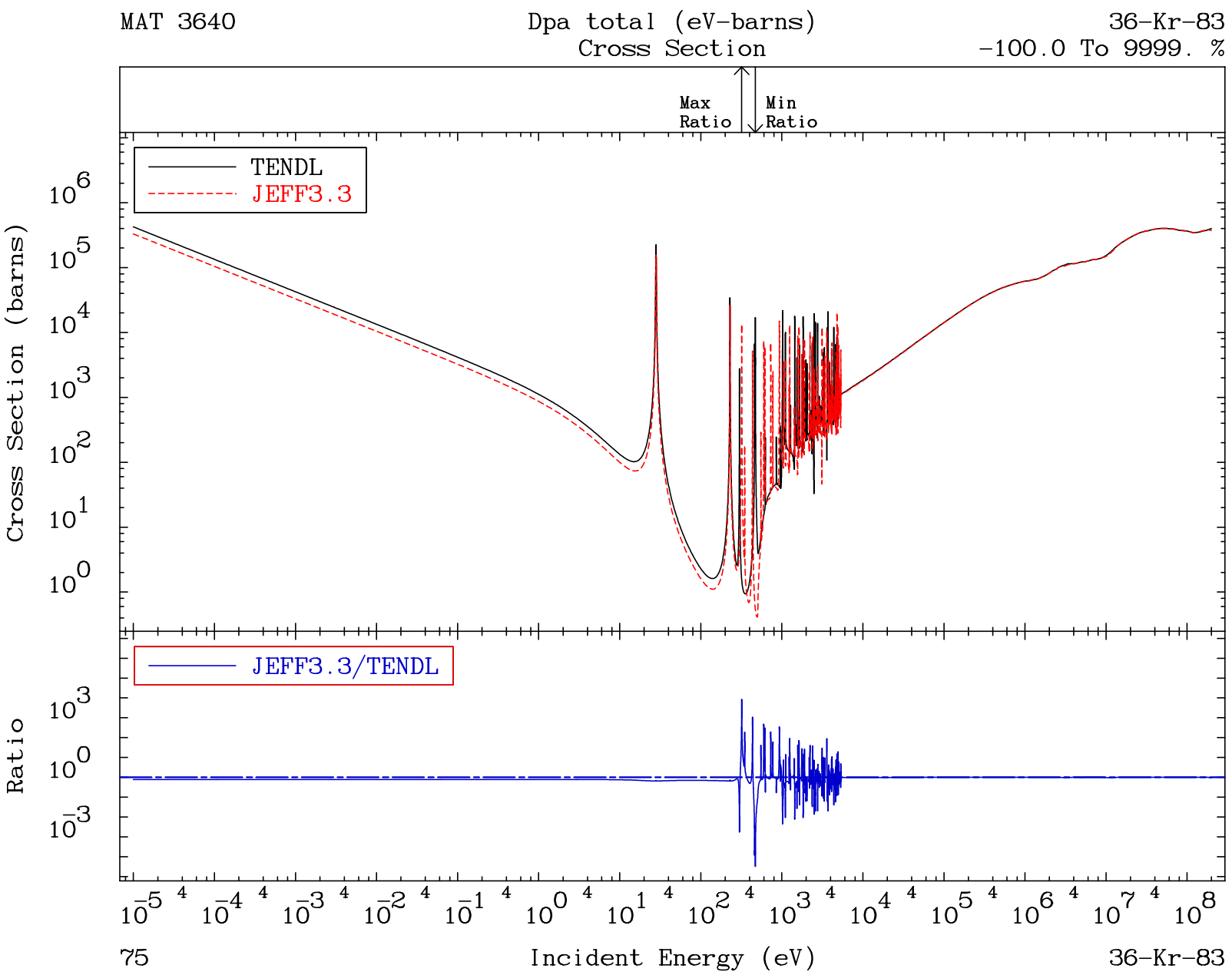

MAT 3640
Kerma inelastic (mt51-91)
Cross Section
36-Kr-83
-7.029 To 82.07 %
Min Ratio
Max Ratio
TENDL Threshold 9.5194 keV
JEFF3.3 Threshold 9.5194 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
70
36-Kr-83

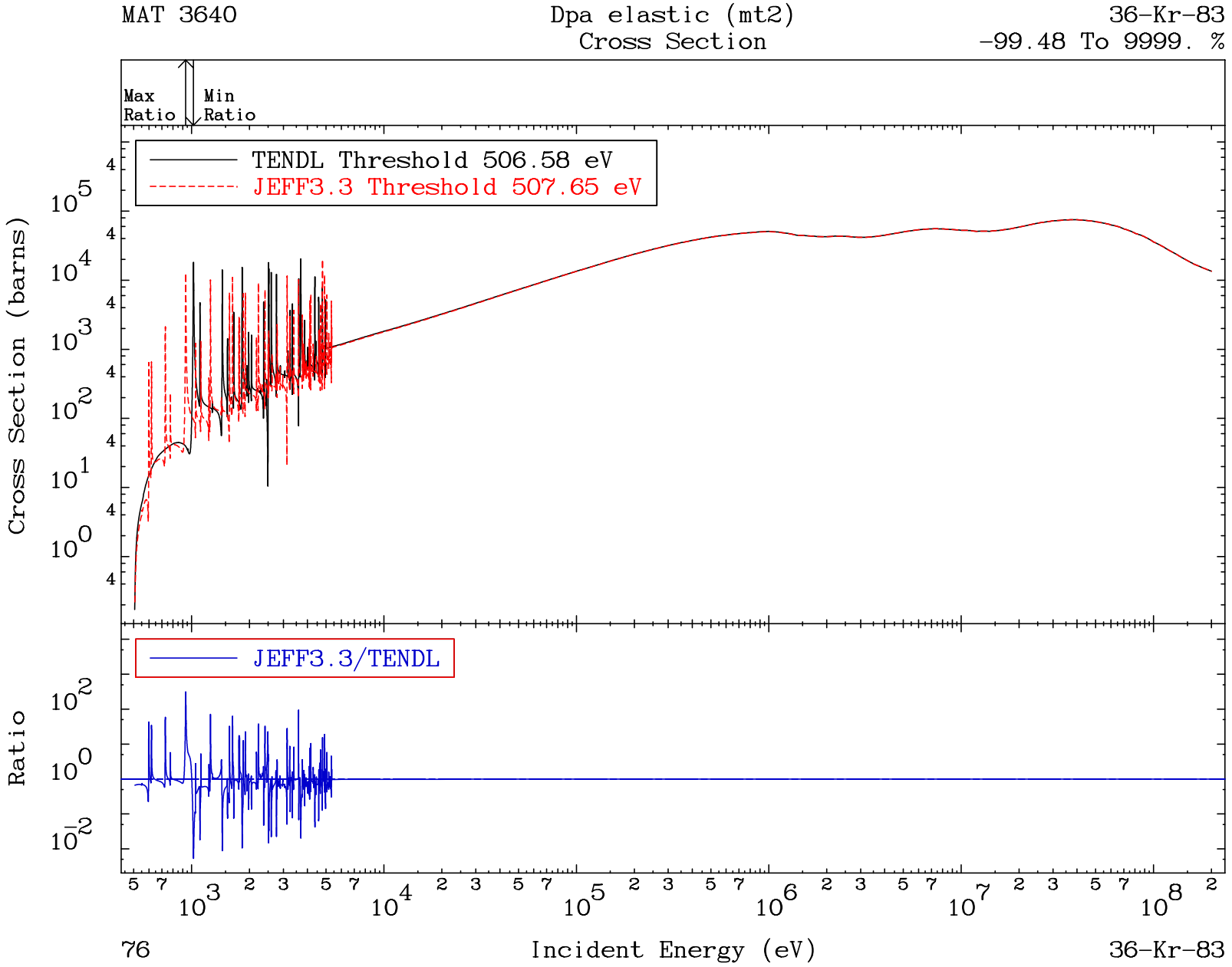

MAT 3640
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
36-Kr-83
-7.029 To 82.07 %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JEFF3.3/TENDL
Ratio
2.0
1.6
1.2
10-5 4 10-4 4 10-3 4 10-2 4 10-1 4 100 4 101 4 102 4 103 4 104 4 105 4 106 4 107 4 108
71
Incident Energy (eV)
36-Kr-83

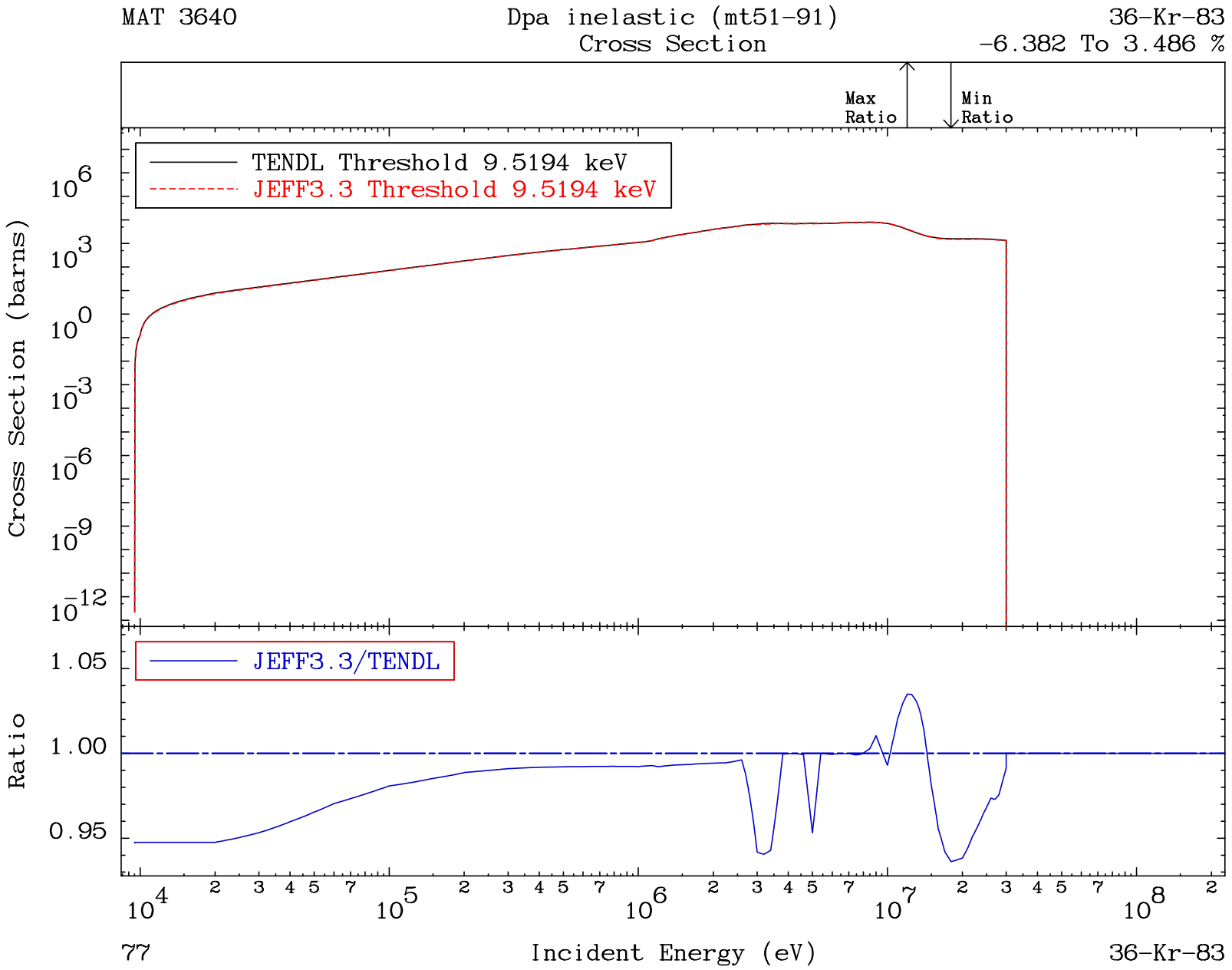

MAT 3640
Kerma capture (mt102)
Cross Section
36-Kr-83
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
72
36-Kr-83

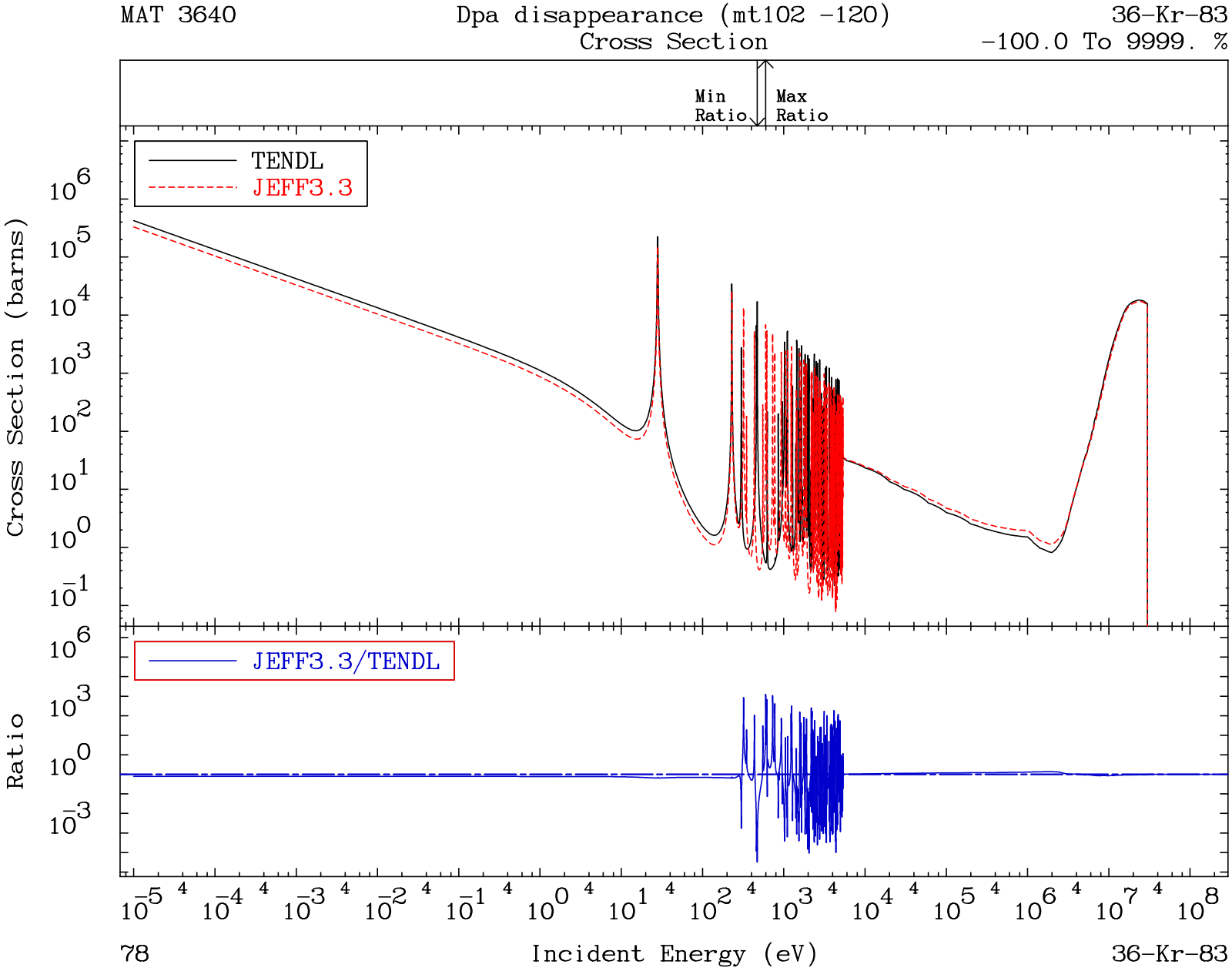

MAT 3640
Total photon (eV-barns)
Cross Section
36-Kr-83
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
73
36-Kr-83

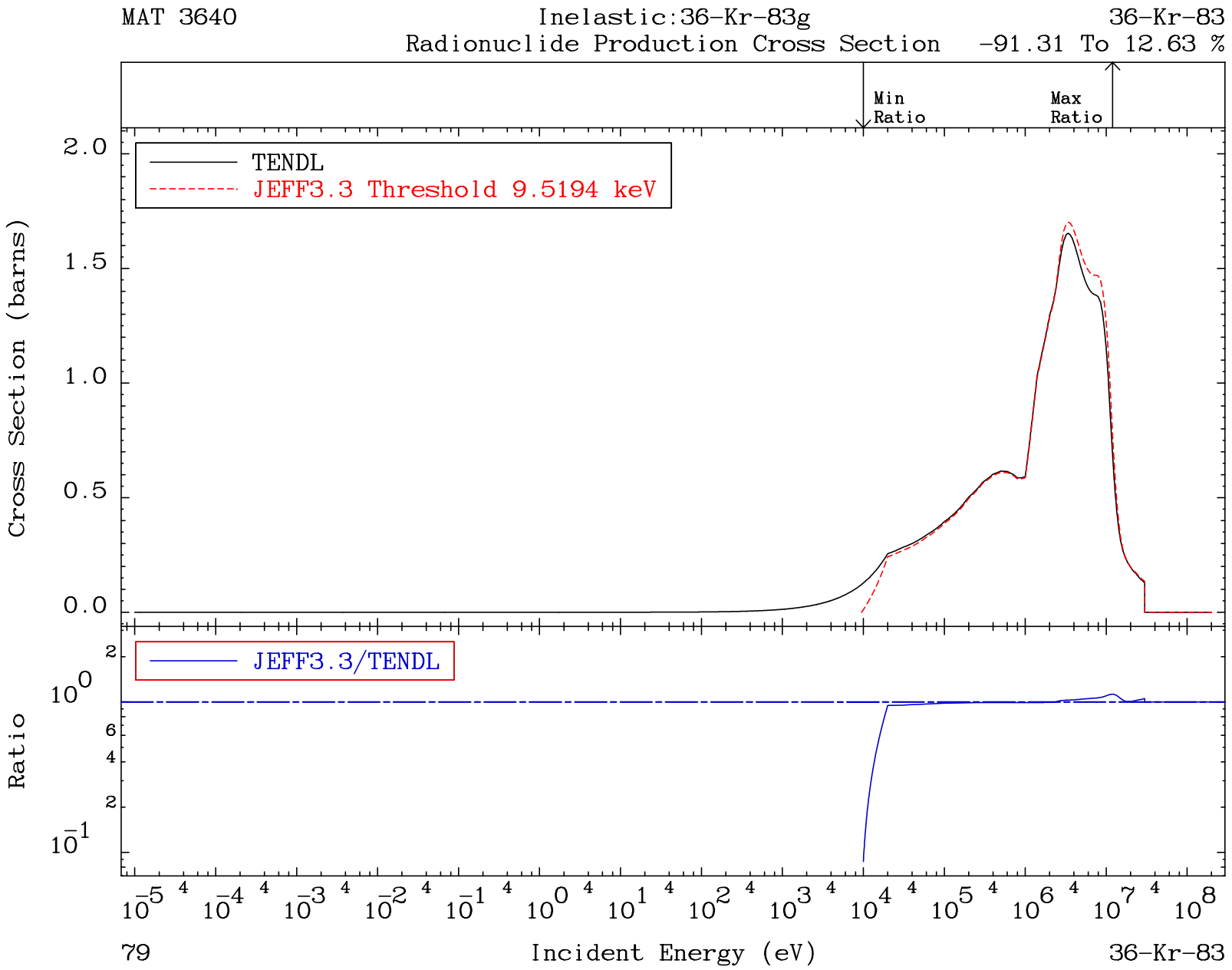

MAT 3640
Total kinematic kerma (high limit)
Cross Section
36-Kr-83
-99.81 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
74
36-Kr-83

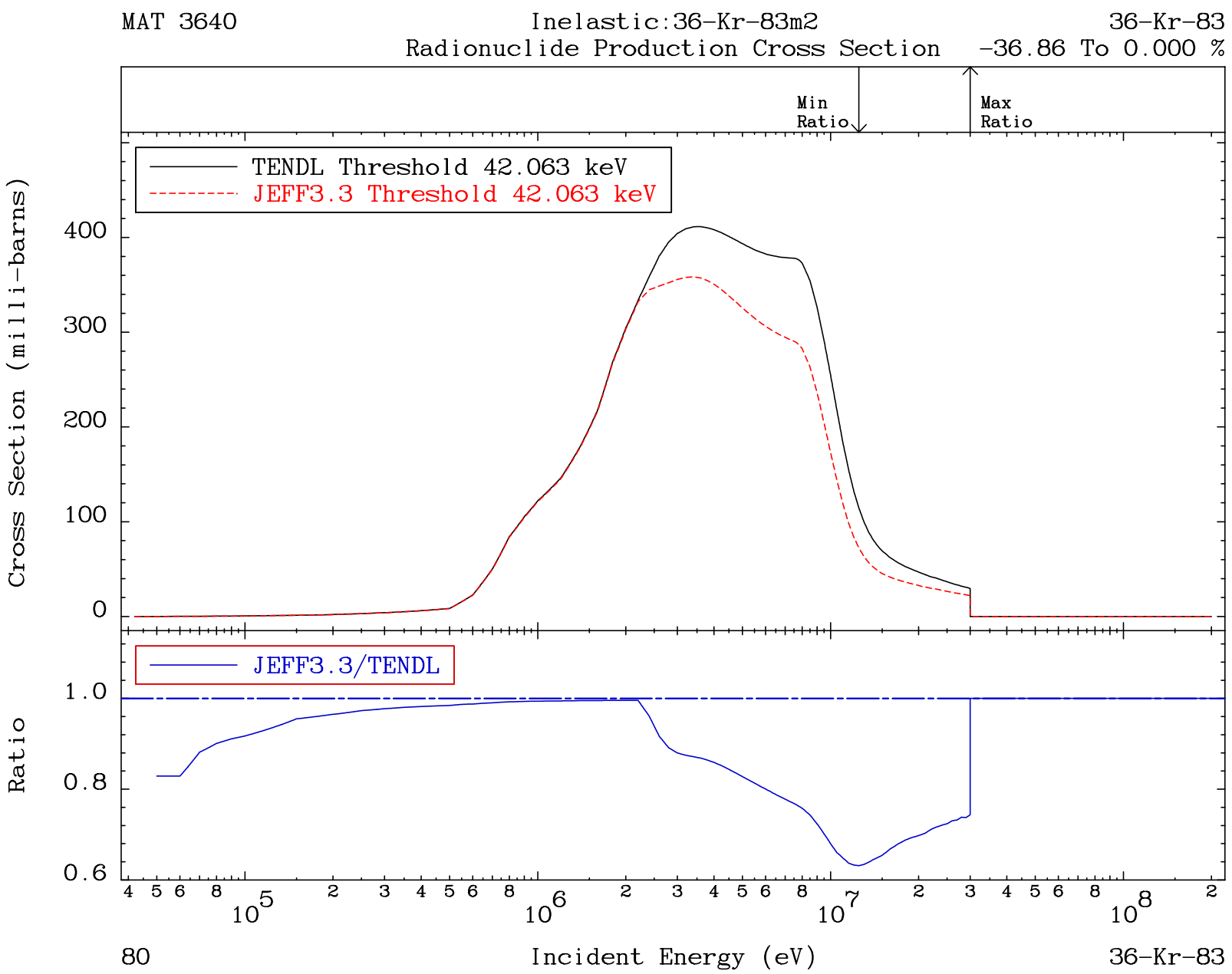

MAT 3640
Dpa total (eV-barns)
Cross Section
36-Kr-83
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
75
36-Kr-83

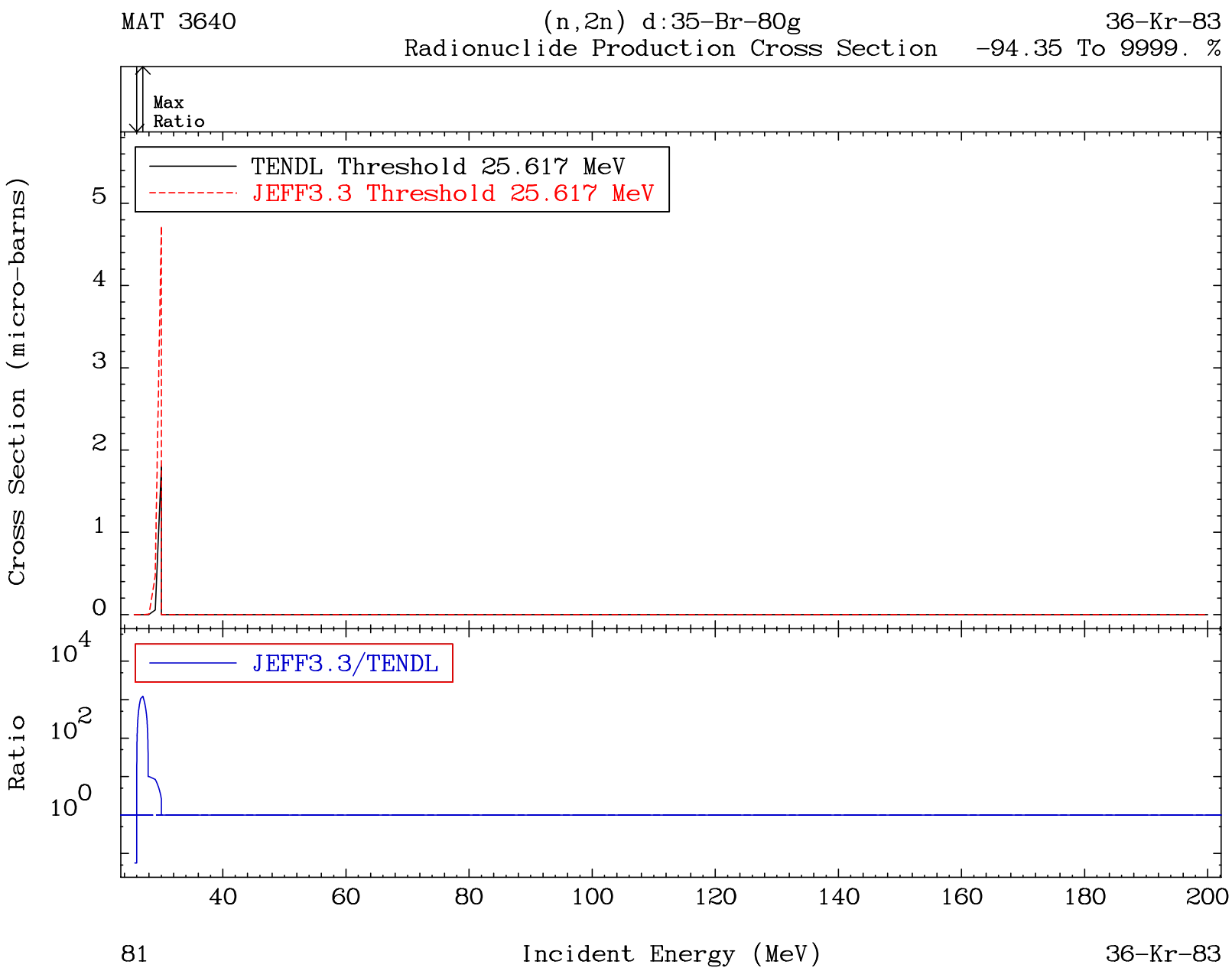

MAT 3640
Dpa elastic (mt2)
Cross Section
36-Kr-83
-99.48 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 506.58 eV
JEFF3.3 Threshold 507.65 eV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
76
36-Kr-83

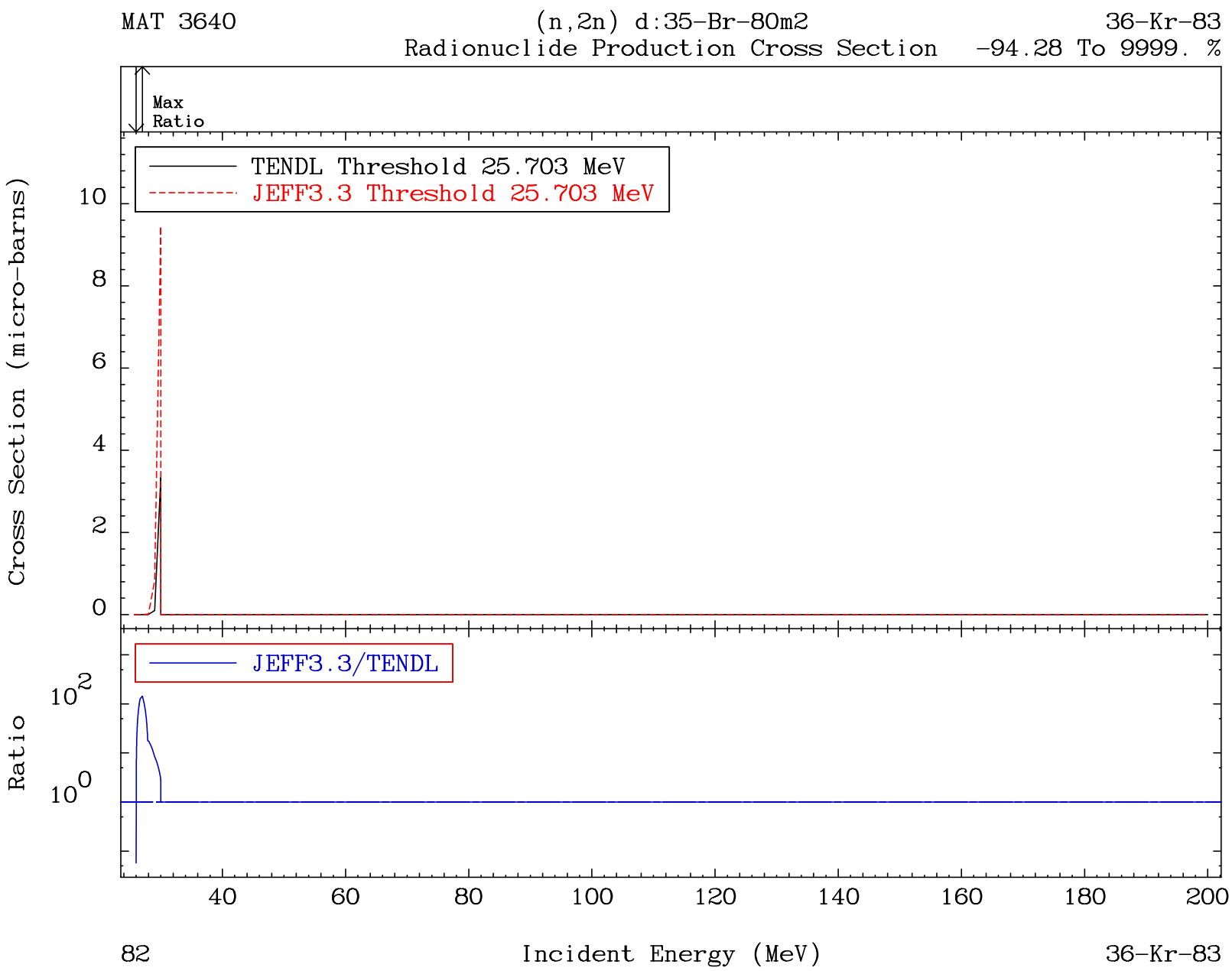

MAT 3640
Dpa inelastic (mt51-91)
Cross Section
36-Kr-83
-6.382 To 3.486 %
Max Ratio
Min Ratio
TENDL Threshold 9.5194 keV
JEFF3.3 Threshold 9.5194 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
77
36-Kr-83

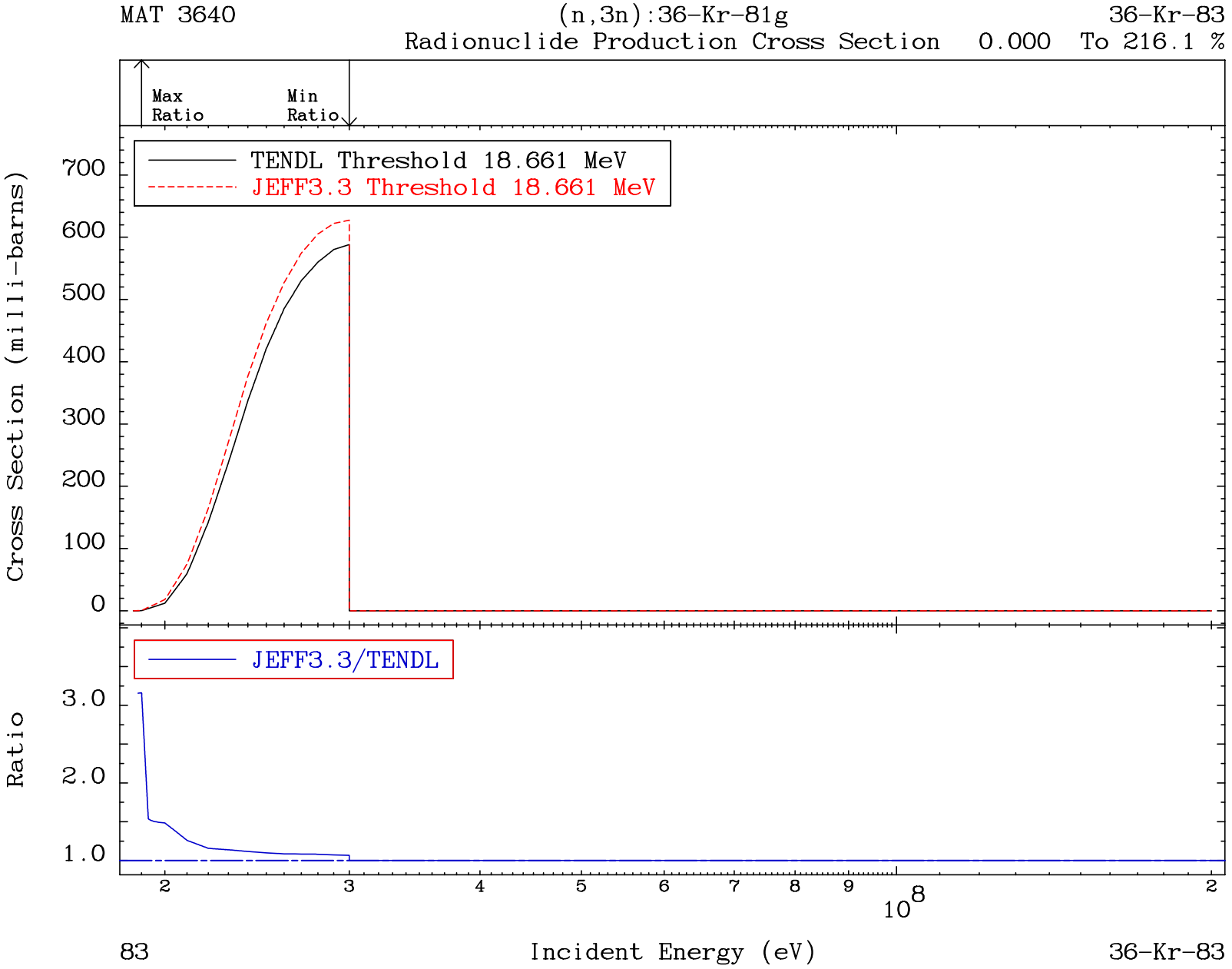

MAT 3640
Dpa disappearance (mt102 -120)
Cross Section
36-Kr-83
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
78
36-Kr-83

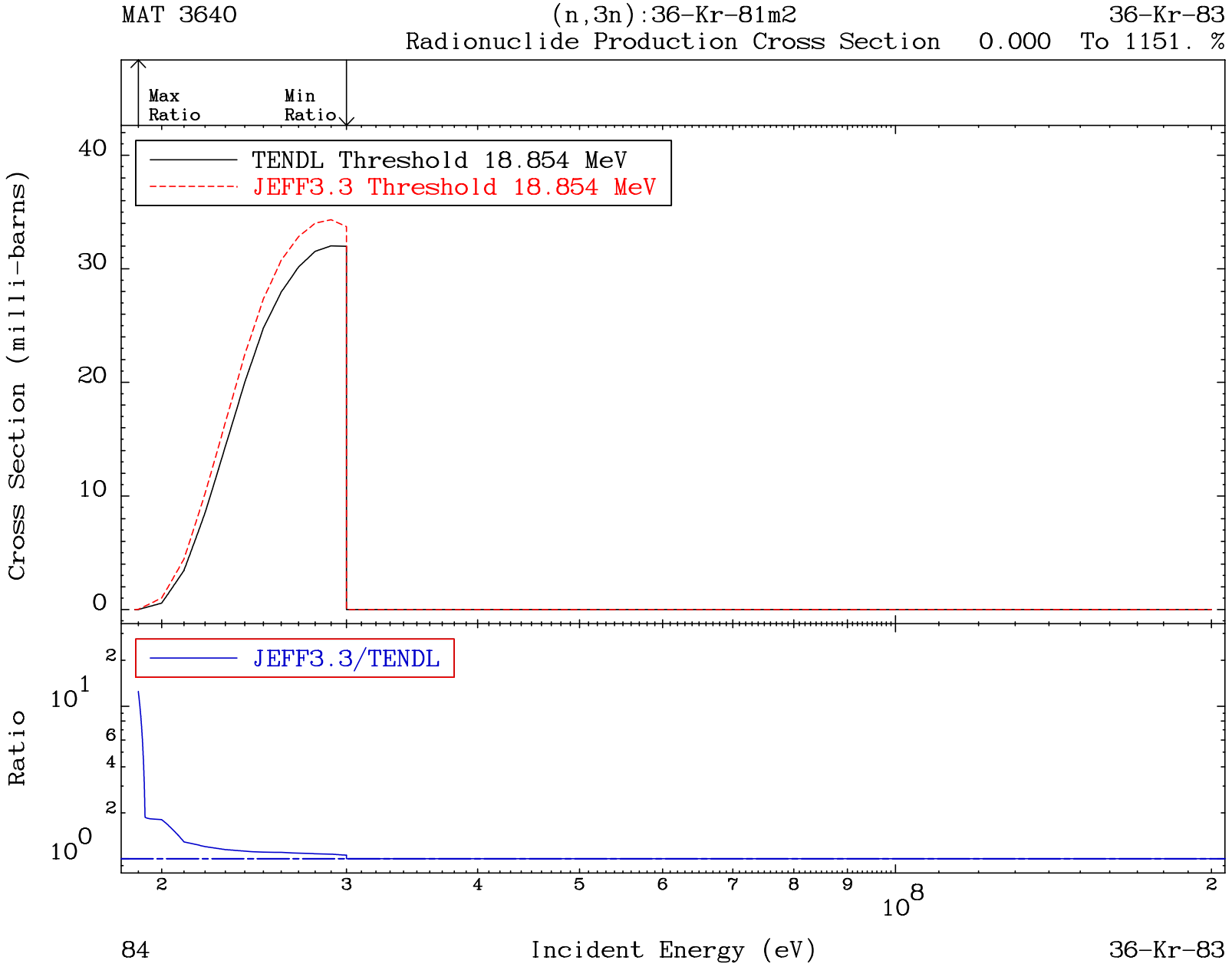

MAT 3640
Inelastic:36-Kr-83g
36-Kr-83
Radionuclide Production Cross Section
-91.31 To 12.63 %
Min Ratio
Max Ratio
TENDL
JEFF3.3 Threshold 9.5194 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
2
10^0
6
4
2
10^-1
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
79
Incident Energy (eV)
36-Kr-83

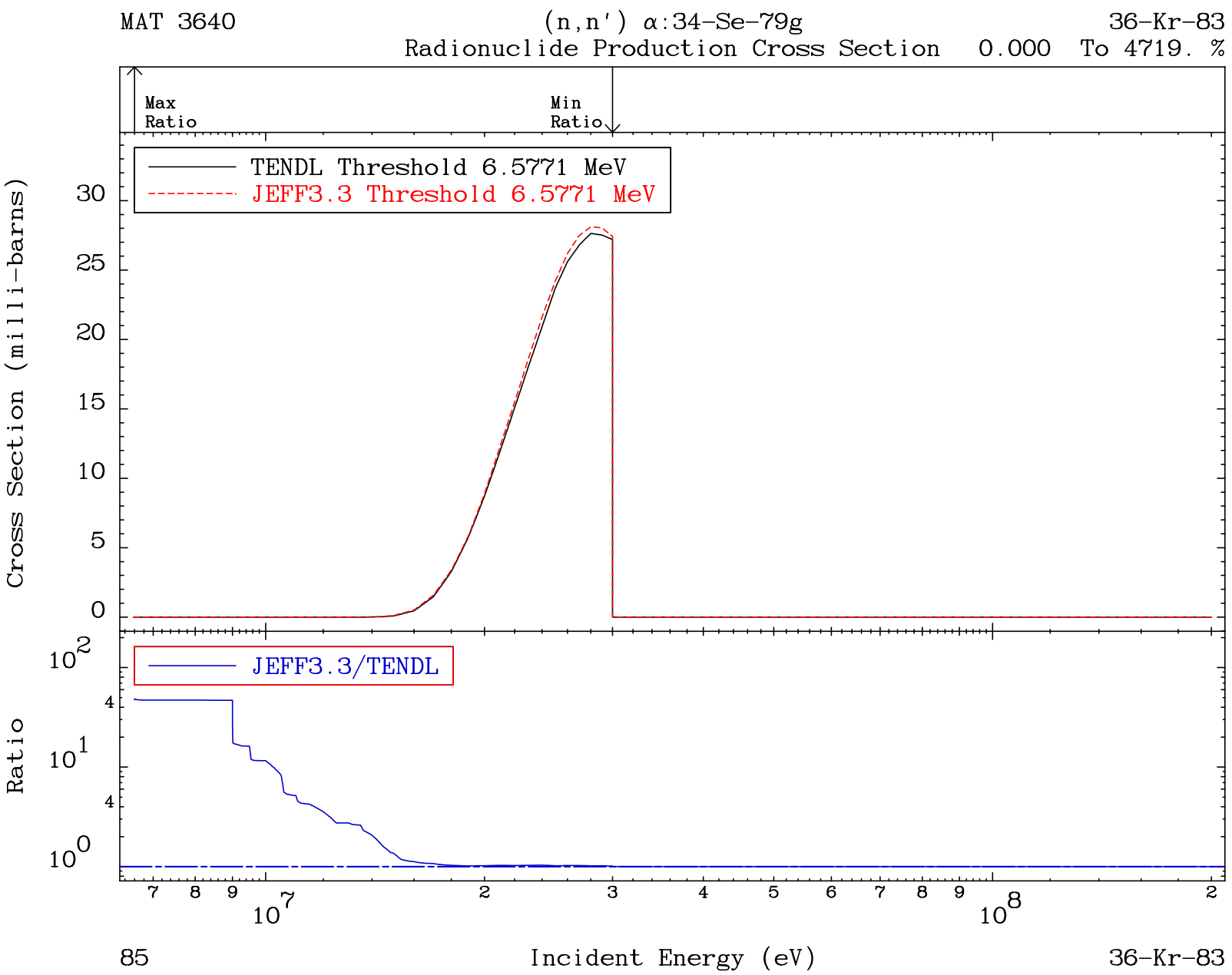

MAT 3640
Inelastic:36-Kr-83m2
36-Kr-83
Radionuclide Production Cross Section
-36.86 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 42.063 keV
JEFF3.3 Threshold 42.063 keV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
4 5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
80
Incident Energy (eV)
36-Kr-83

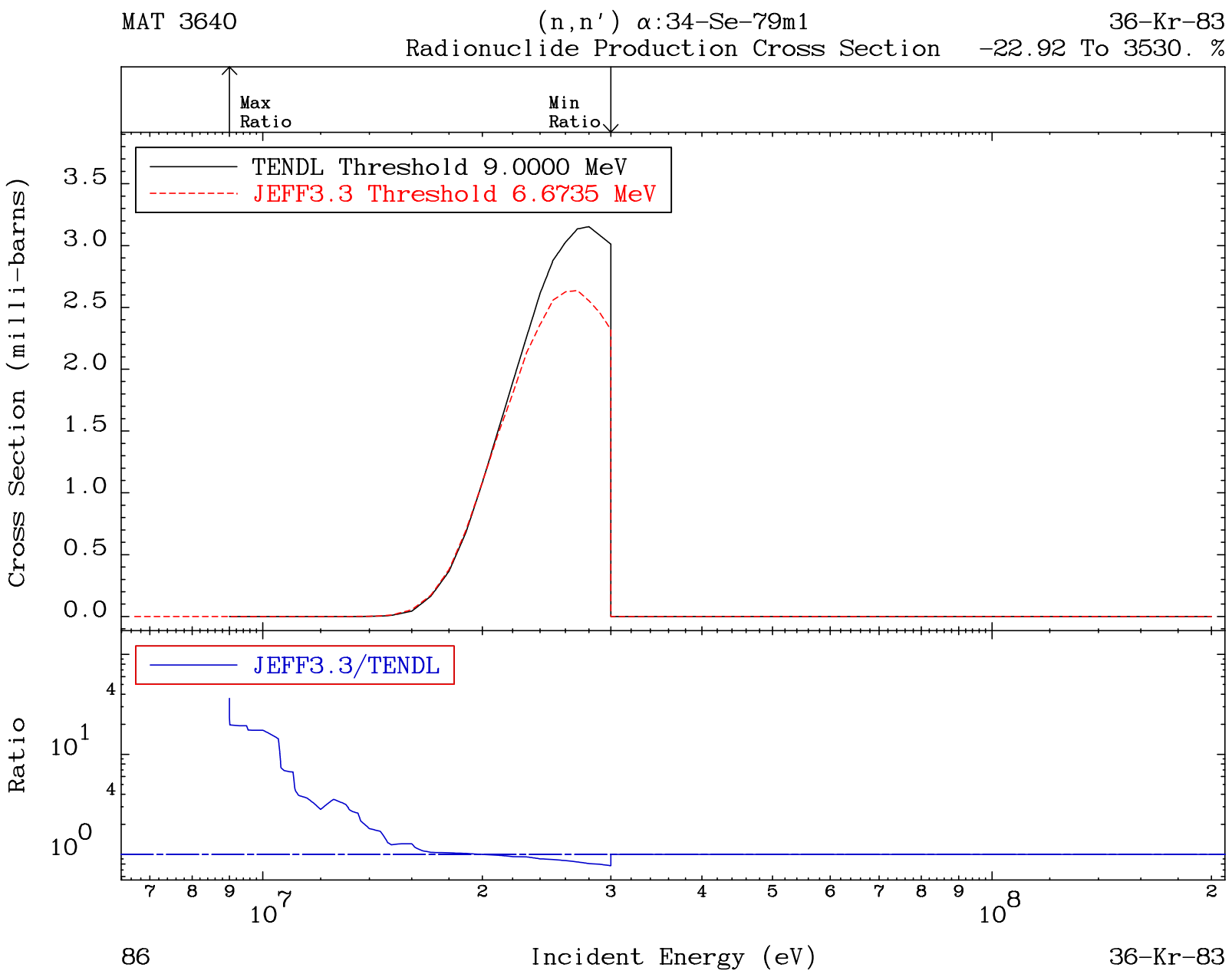

MAT 3640
(n,2n) d:35-Br-80g
36-Kr-83
Radionuclide Production Cross Section -94.35 To 9999. %
Max Ratio
TENDL Threshold 25.617 MeV
JEFF3.3 Threshold 25.617 MeV
Cross Section (micro-barns)
0
1
2
3
4
5
JEFF3.3/TENDL
Ratio
10^4
10^2
10^0
40
60
80
100
120
140
160
180
200
81
Incident Energy (MeV)
36-Kr-83

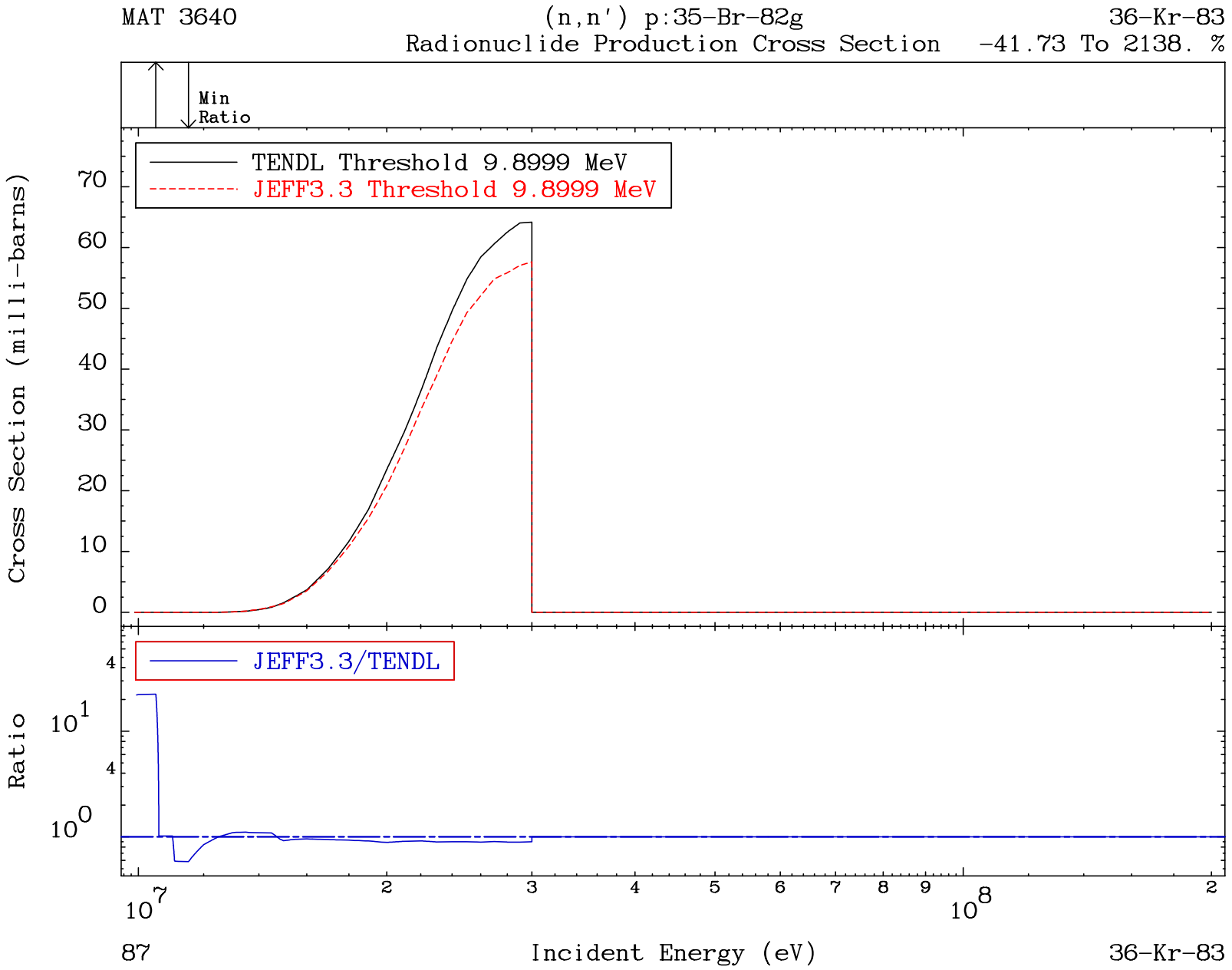

MAT 3640
(n,2n) d:35-Br-80m2
36-Kr-83
Radionuclide Production Cross Section -94.28 To 9999. %
Max Ratio
TENDL Threshold 25.703 MeV
JEFF3.3 Threshold 25.703 MeV
Cross Section (micro-barns)
0
2
4
6
8
10
JEFF3.3/TENDL
Ratio
10^0
10^2
40
60
80
100
120
140
160
180
200
82
Incident Energy (MeV)
36-Kr-83

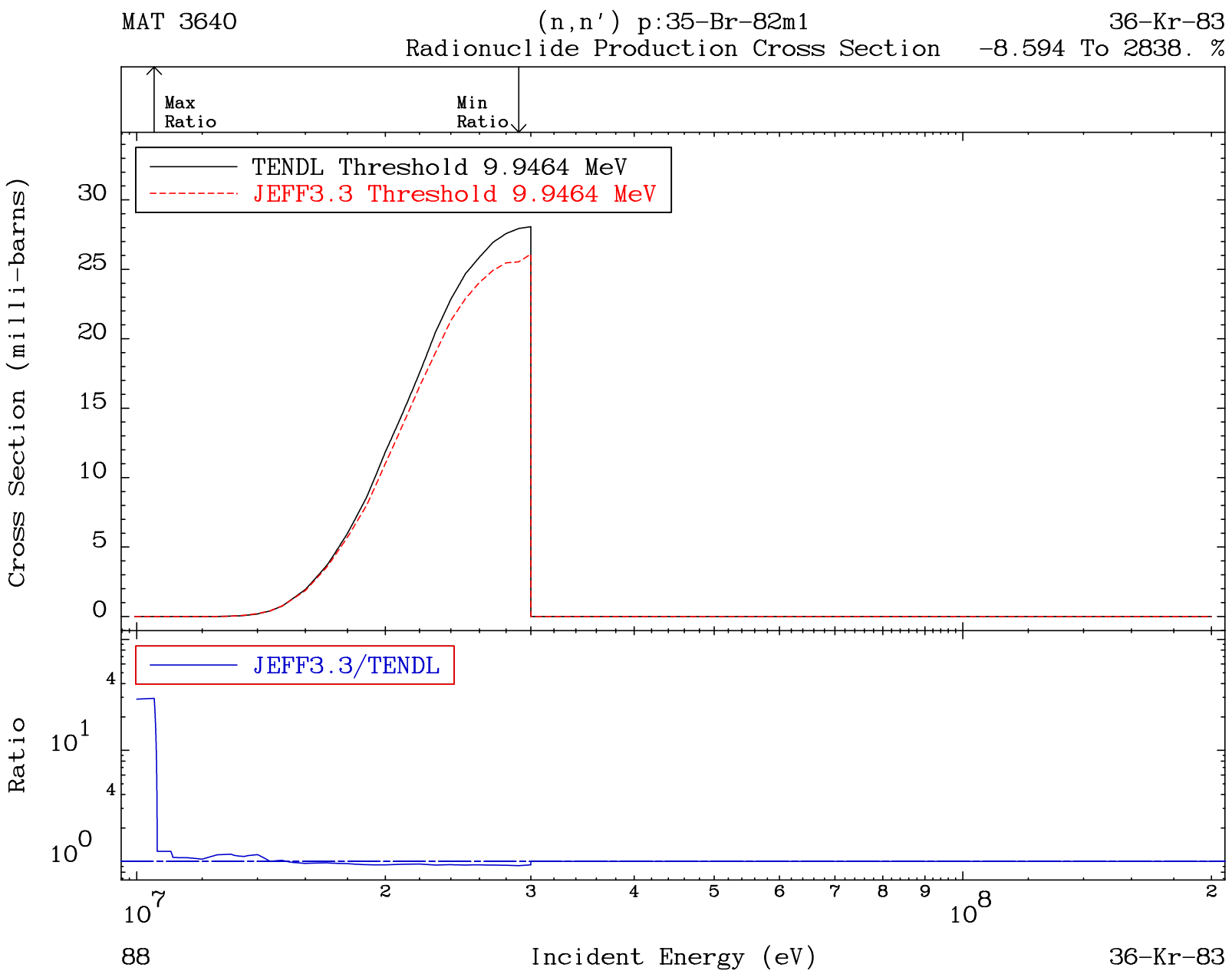

MAT 3640
(n,3n):36-Kr-81g
36-Kr-83
Radionuclide Production Cross Section 0.000 To 216.1 %
Max Ratio
Min Ratio
TENDL Threshold 18.661 MeV
JEFF3.3 Threshold 18.661 MeV
Cross Section (milli-barns)
700
600
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
83
Incident Energy (eV)
36-Kr-83

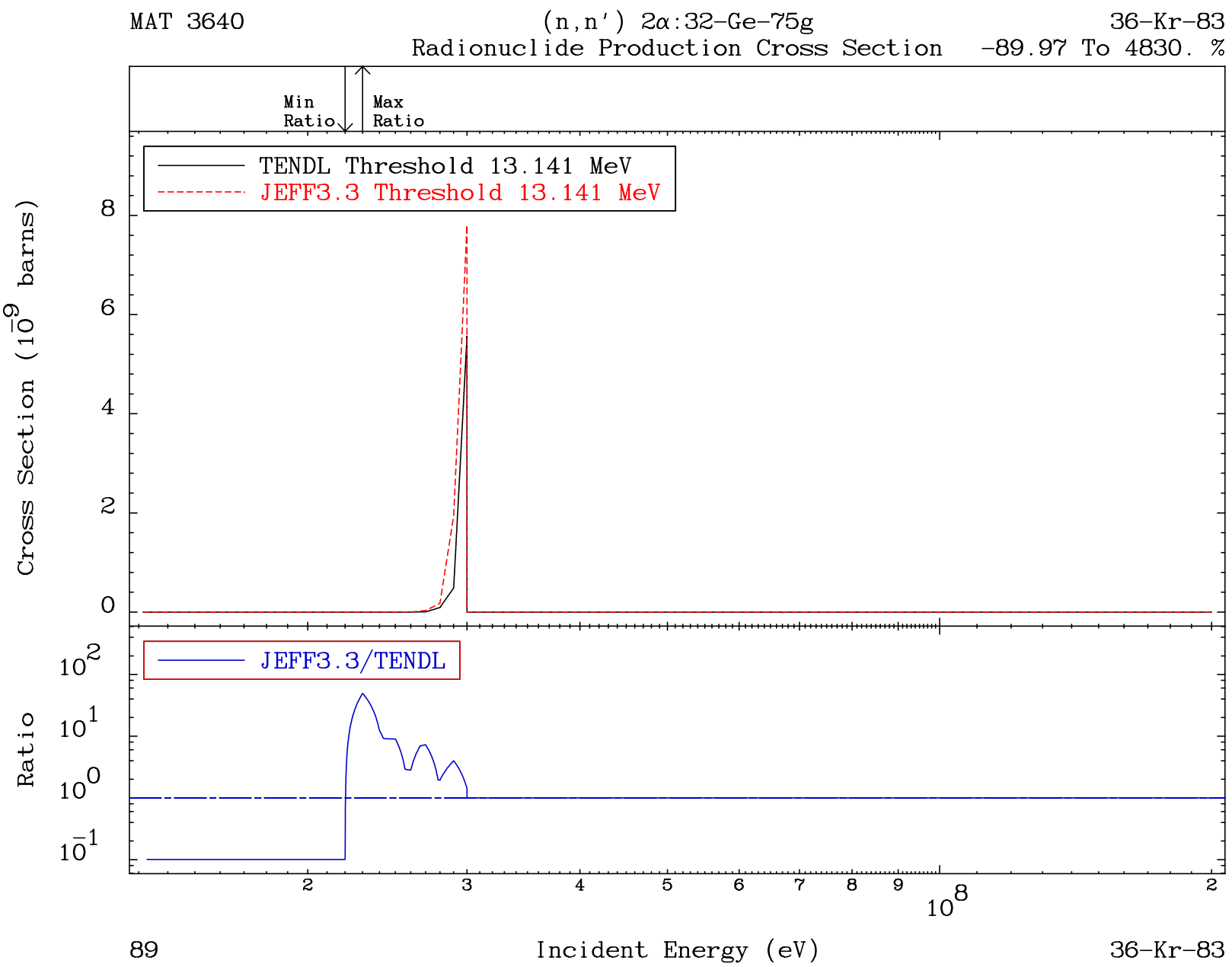

MAT 3640
(n,3n):36-Kr-81m2
36-Kr-83
Radionuclide Production Cross Section 0.000 To 1151. %
Max Ratio
Min Ratio
TENDL Threshold 18.854 MeV
JEFF3.3 Threshold 18.854 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
2
10^1
6
4
2
10^0
2
3
4
5
6
7
8
9
10^8
2
84
Incident Energy (eV)
36-Kr-83

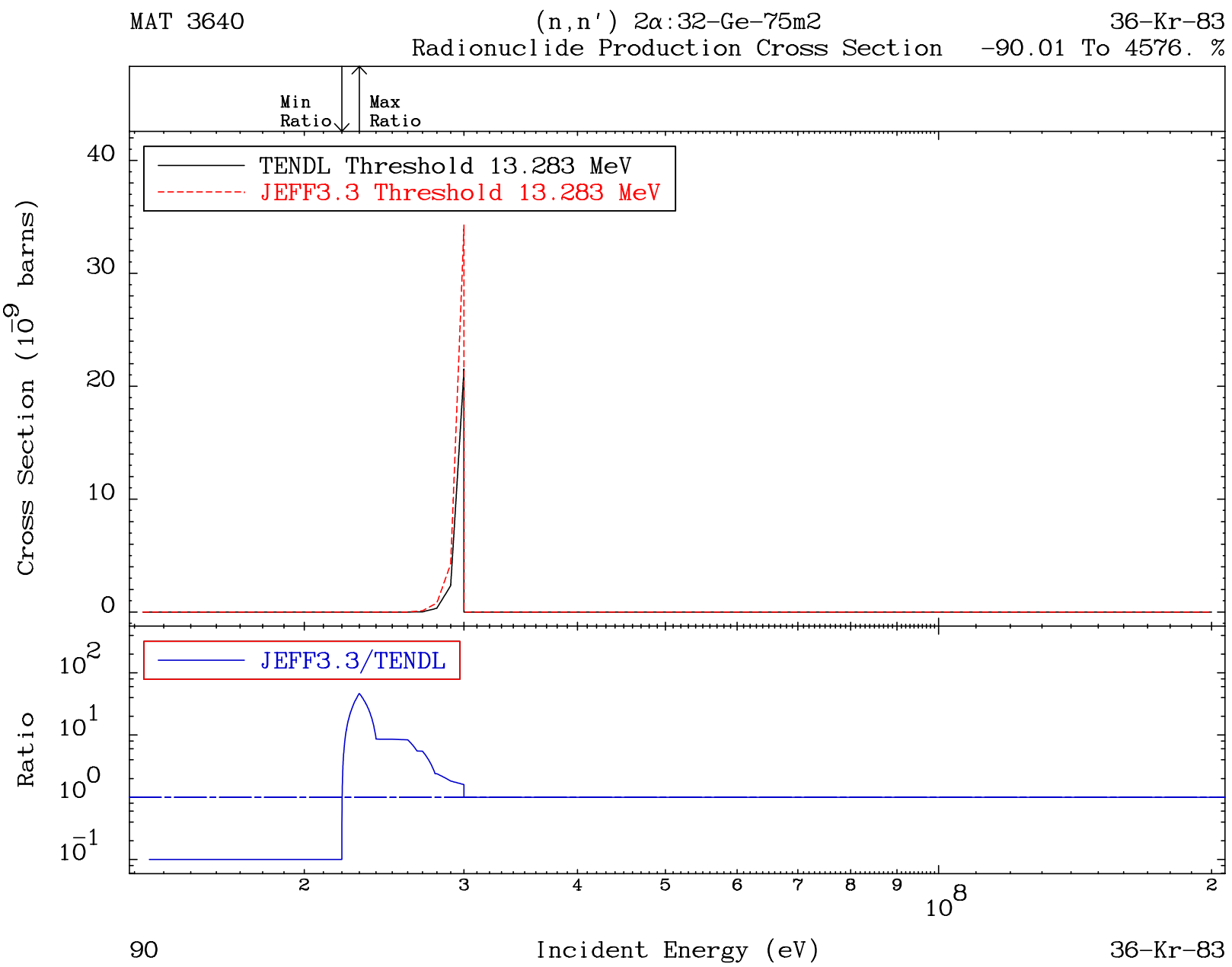

MAT 3640
(n,n') α:34-Se-79g
36-Kr-83
Radionuclide Production Cross Section 0.000 To 4719. %
Max Ratio
Min Ratio
TENDL Threshold 6.5771 MeV
JEFF3.3 Threshold 6.5771 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^2
4
10^1
4
10^0
7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
85
Incident Energy (eV)
36-Kr-83

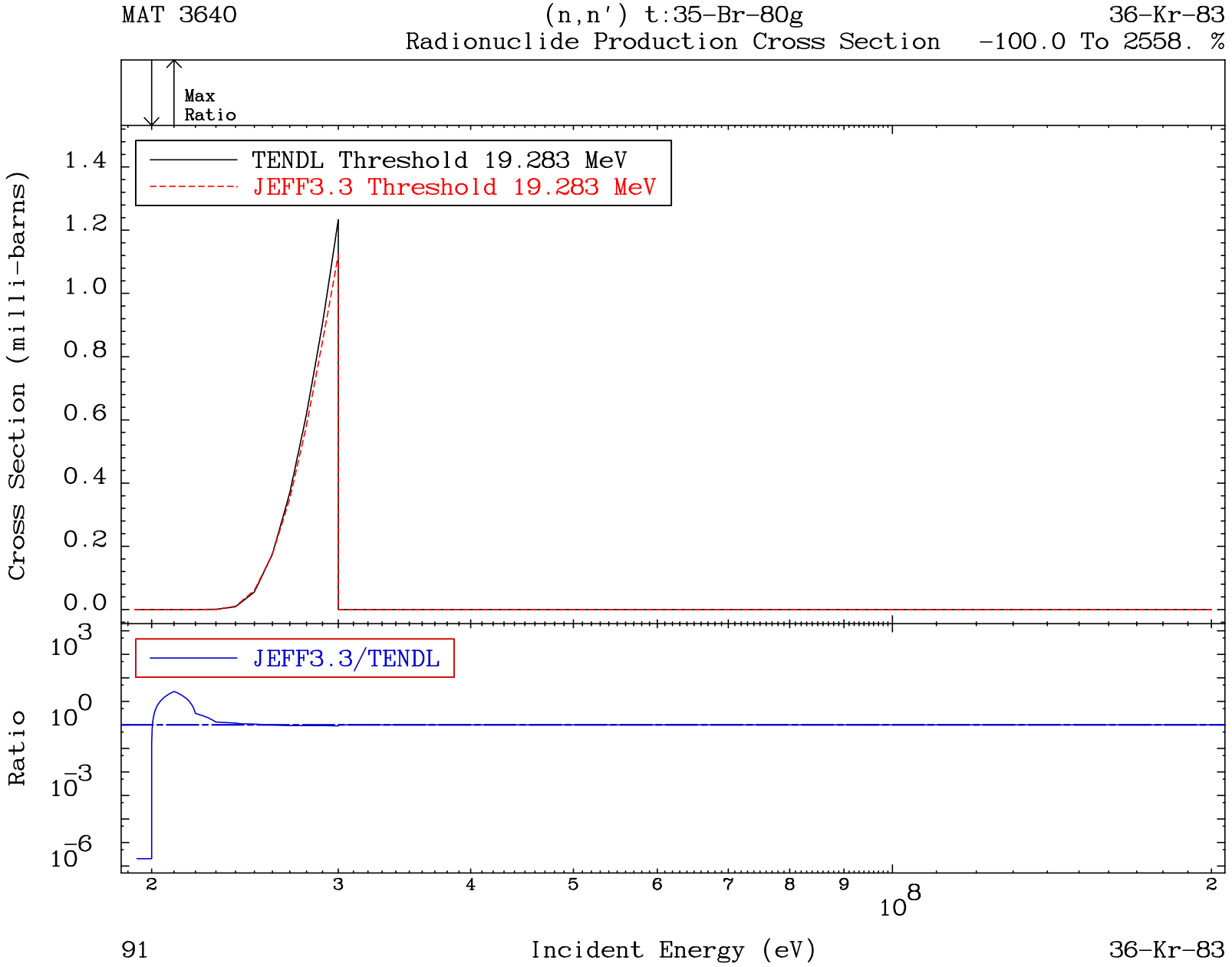

MAT 3640
(n,n') α:34-Se-79m1
36-Kr-83
Radionuclide Production Cross Section -22.92 To 3530. %
Max Ratio
Min Ratio
TENDL Threshold 9.0000 MeV
JEFF3.3 Threshold 6.6735 MeV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
4
10^1
4
10^0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
86
Incident Energy (eV)
36-Kr-83

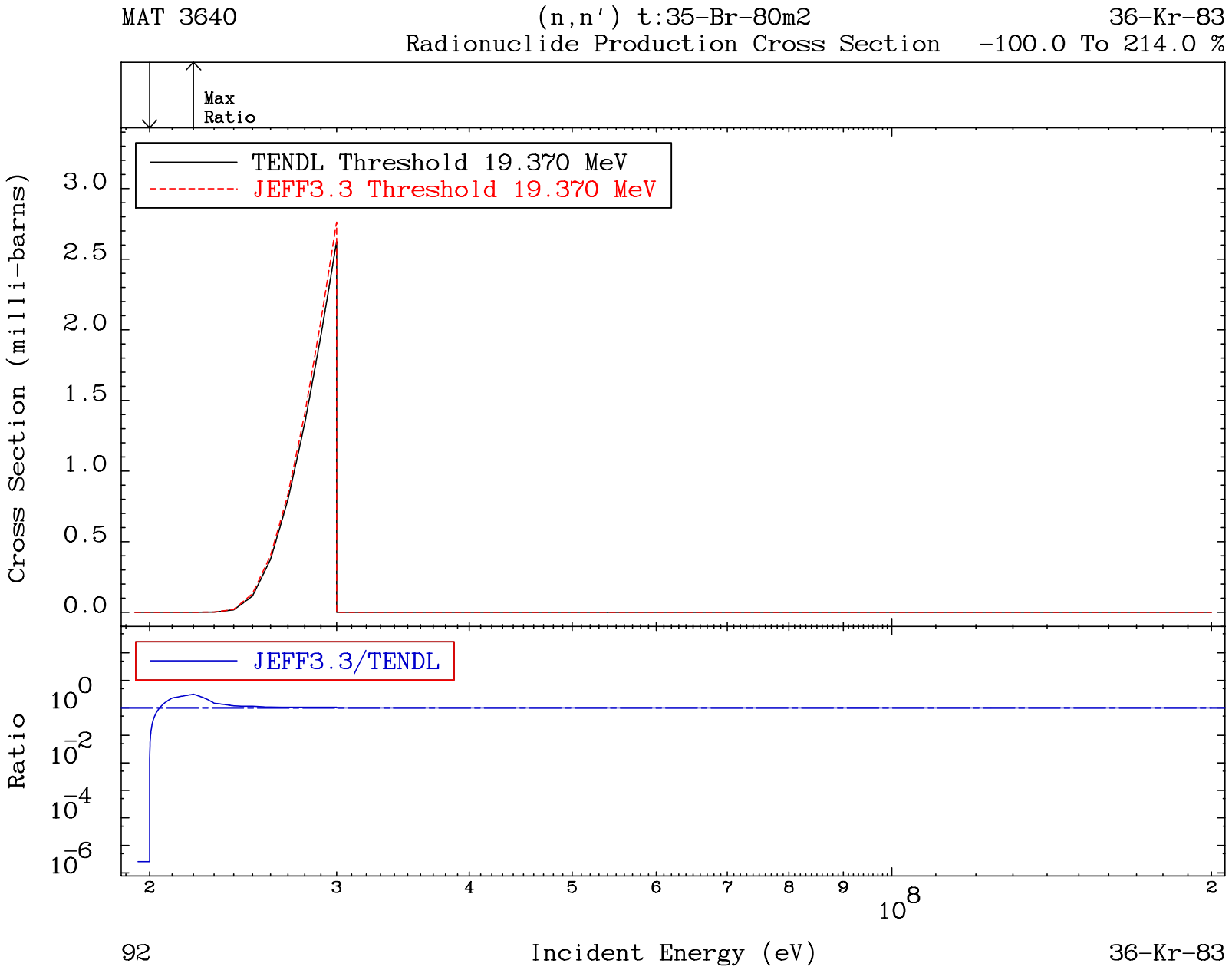

MAT 3640
(n,n') p:35-Br-82g
36-Kr-83
Radionuclide Production Cross Section -41.73 To 2138. %
Min
Ratio
TENDL Threshold 9.8999 MeV
JEFF3.3 Threshold 9.8999 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
4
10^1
4
10^0
10^7
2
3
4
5
6
7
8
9
10^8
2
87
Incident Energy (eV)
36-Kr-83

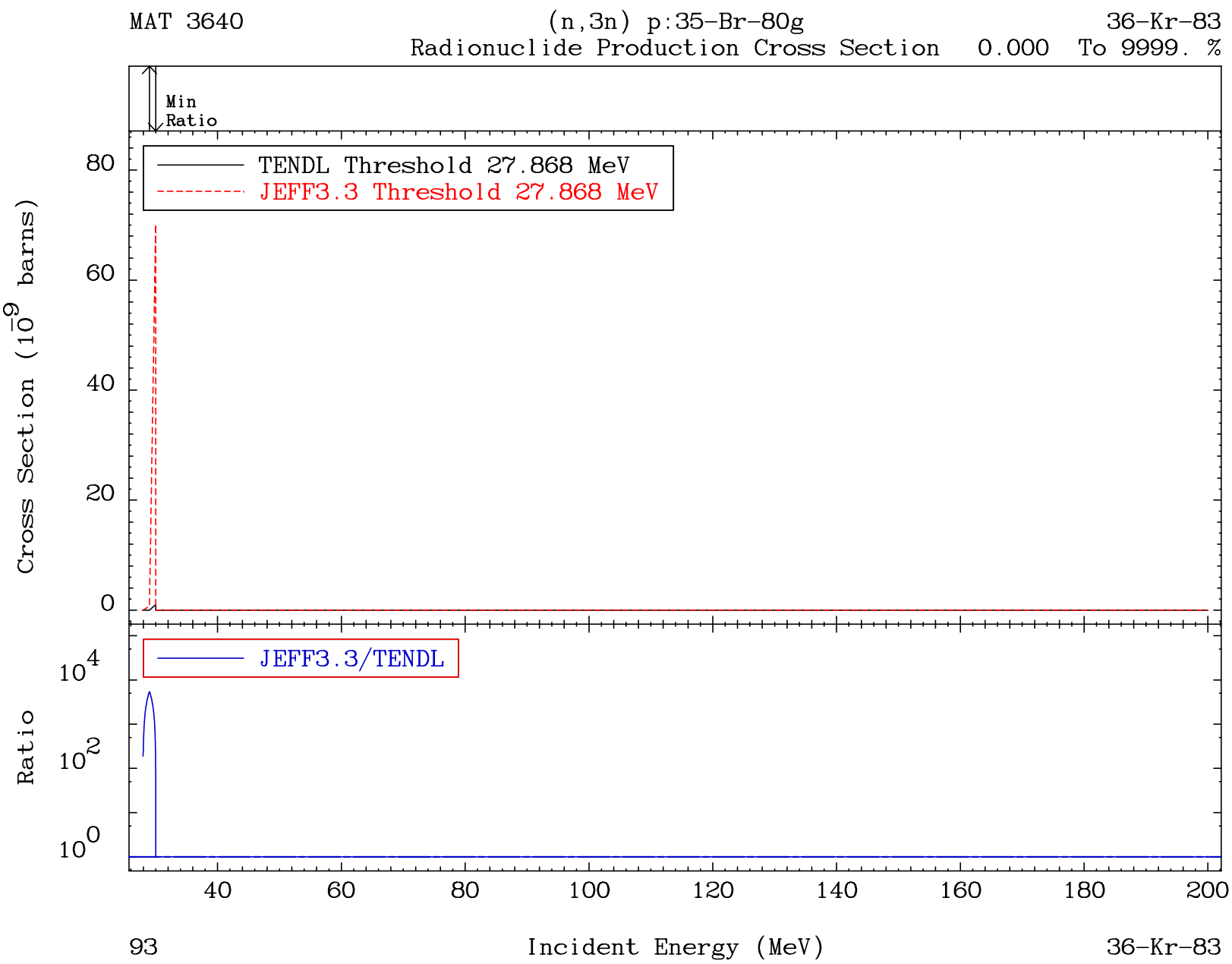

MAT 3640
(n,n') p:35-Br-82m1
36-Kr-83
Radionuclide Production Cross Section -8.594 To 2838. %
Max Ratio
Min Ratio
TENDL Threshold 9.9464 MeV
JEFF3.3 Threshold 9.9464 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
4
10^1
4
10^0
10^7
2
3
4
5
6
7
8
9
10^8
2
88
Incident Energy (eV)
36-Kr-83

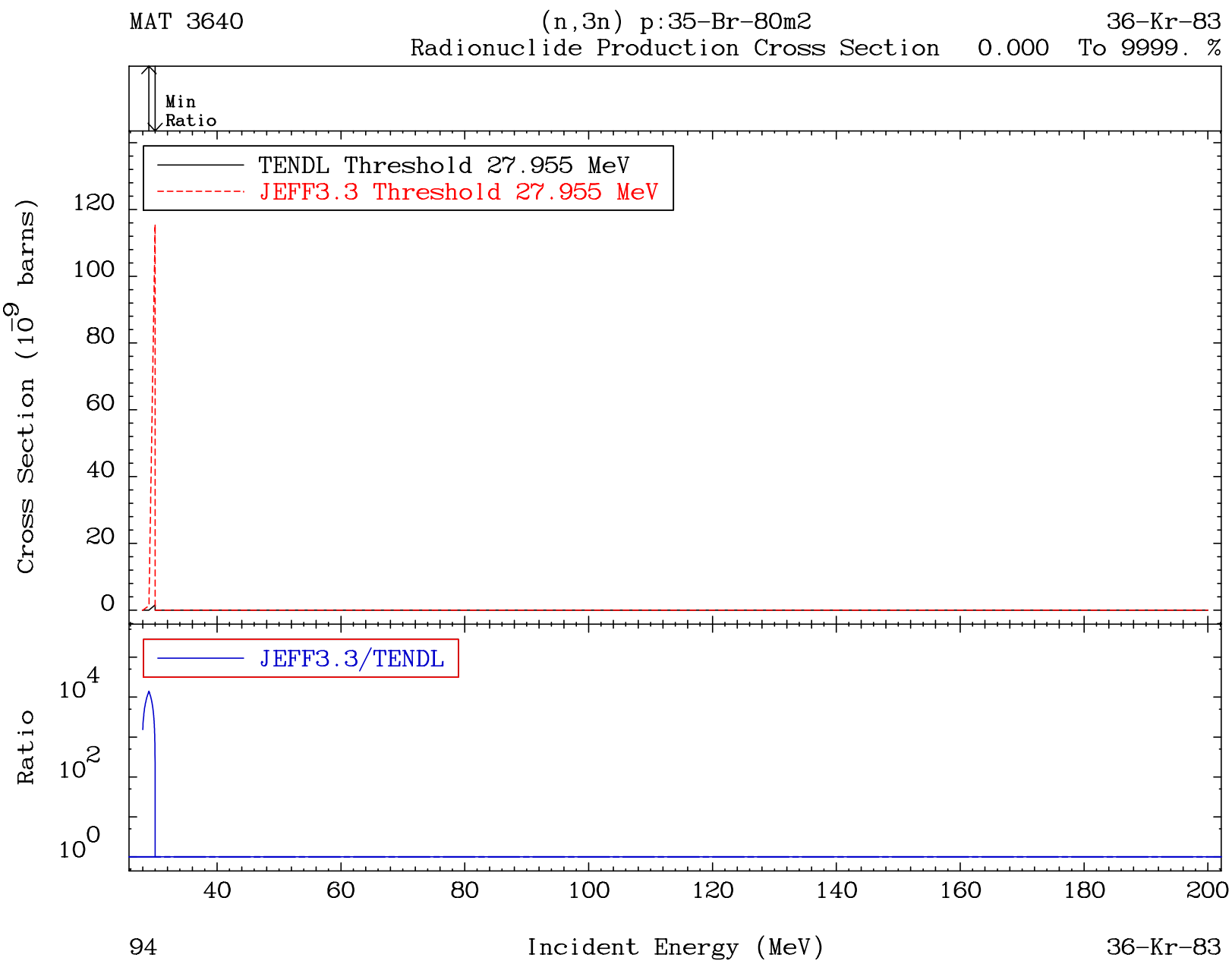

MAT 3640
(n,n') 2α:32-Ge-75g
36-Kr-83
Radionuclide Production Cross Section -89.97 To 4830. %
Min Ratio
Max Ratio
TENDL Threshold 13.141 MeV
JEFF3.3 Threshold 13.141 MeV
Cross Section (10^{-9} barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
10^{2}
10^{1}
10^{0}
10^{-1}
2
3
4
5
6
7
8
9
10^{8}
2
89
Incident Energy (eV)
36-Kr-83

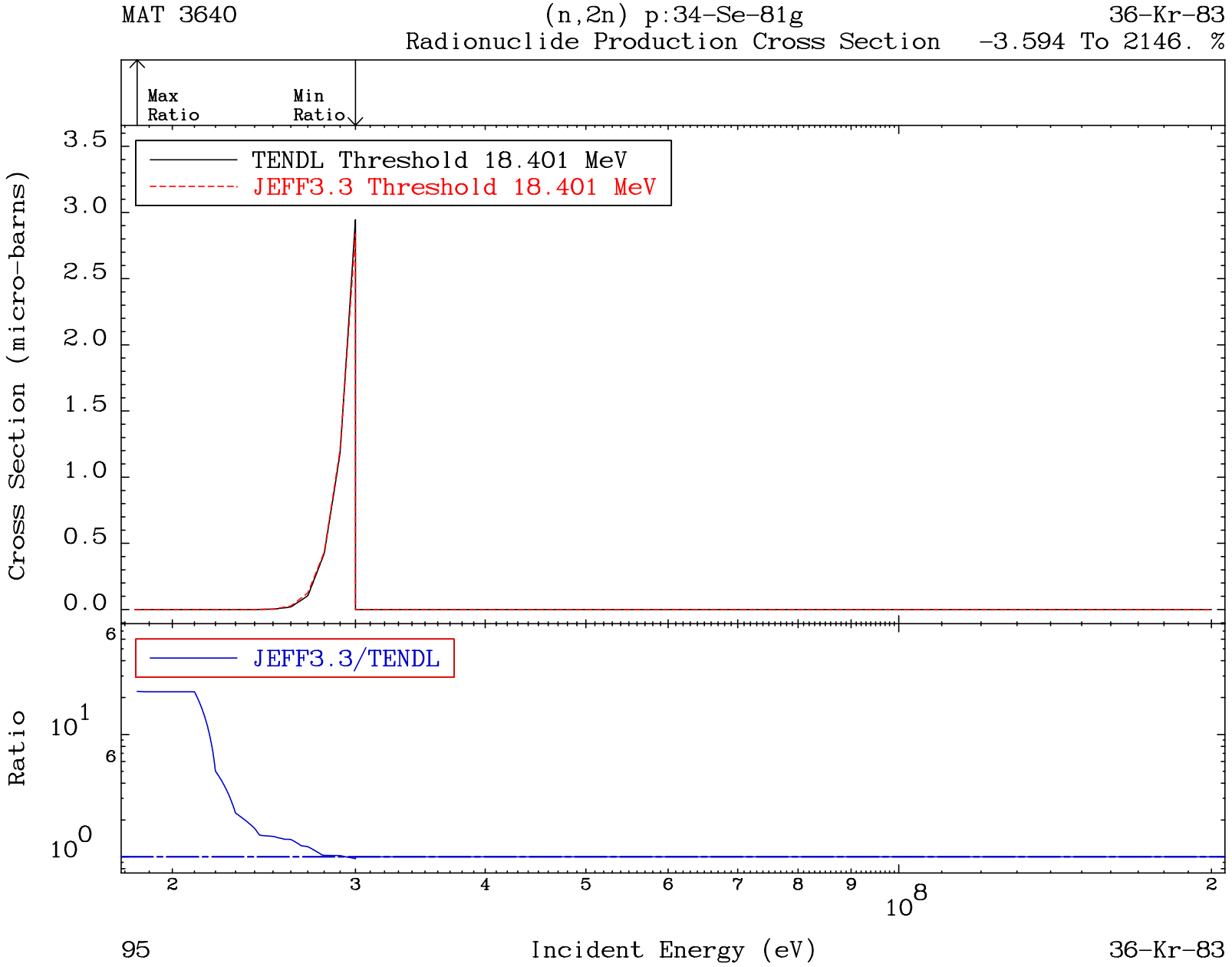

MAT 3640
(n,n') 2α:32-Ge-75m2
36-Kr-83
Radionuclide Production Cross Section -90.01 To 4576. %
Min Ratio
Max Ratio
TENDL Threshold 13.283 MeV
JEFF3.3 Threshold 13.283 MeV
Cross Section (10^{-9} barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^{2}
10^{1}
10^{0}
10^{-1}
2
3
4
5
6
7
8
9
10^{8}
2
90
Incident Energy (eV)
36-Kr-83

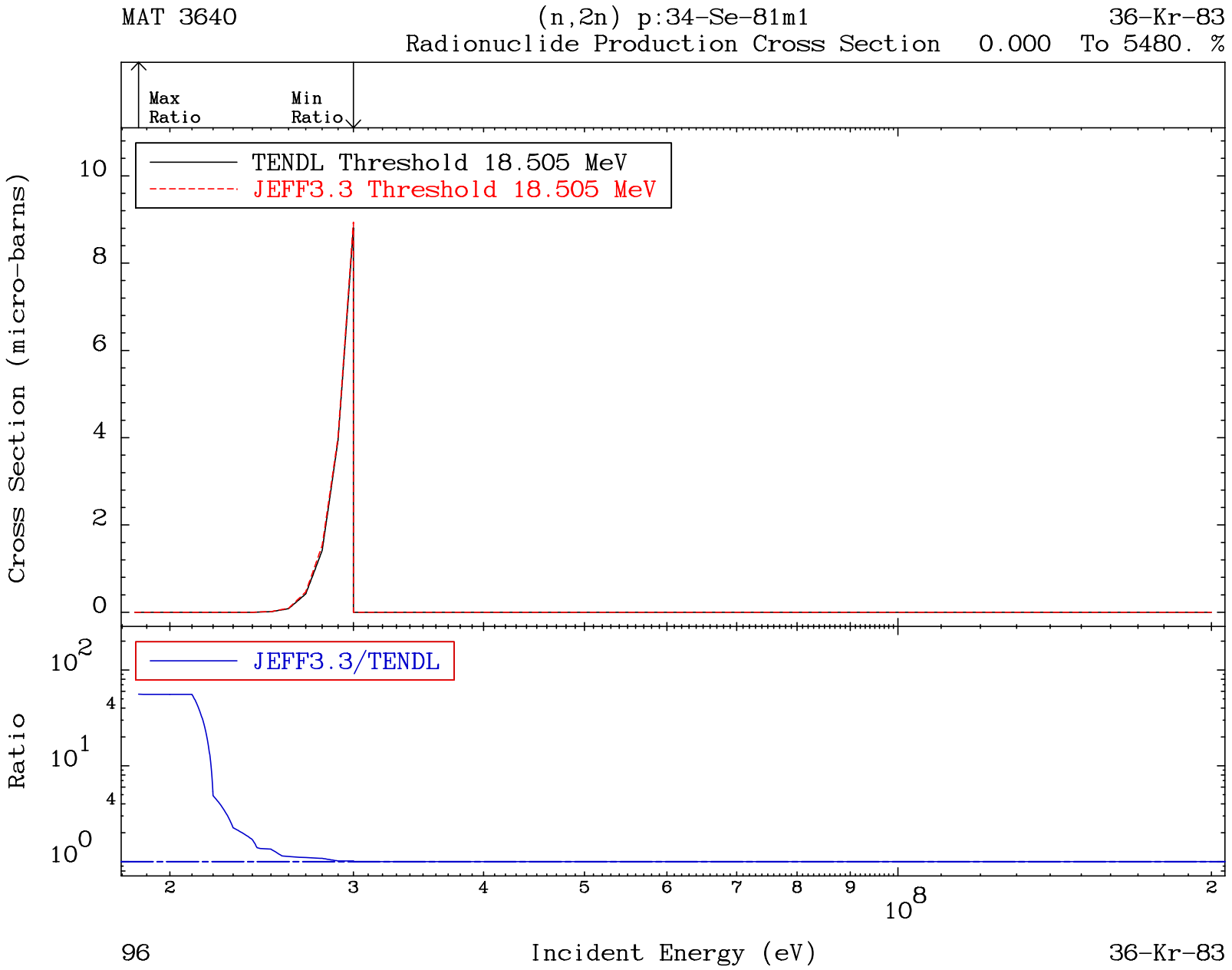

MAT 3640
(n,n') t:35-Br-80g
36-Kr-83
Radionuclide Production Cross Section -100.0 To 2558. %
Max Ratio
TENDL Threshold 19.283 MeV
JEFF3.3 Threshold 19.283 MeV
Cross Section (milli-barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
10^3
10^0
10^-3
10^-6
2
3
4
5
6
7
8
9
10^8
2
91
Incident Energy (eV)
36-Kr-83

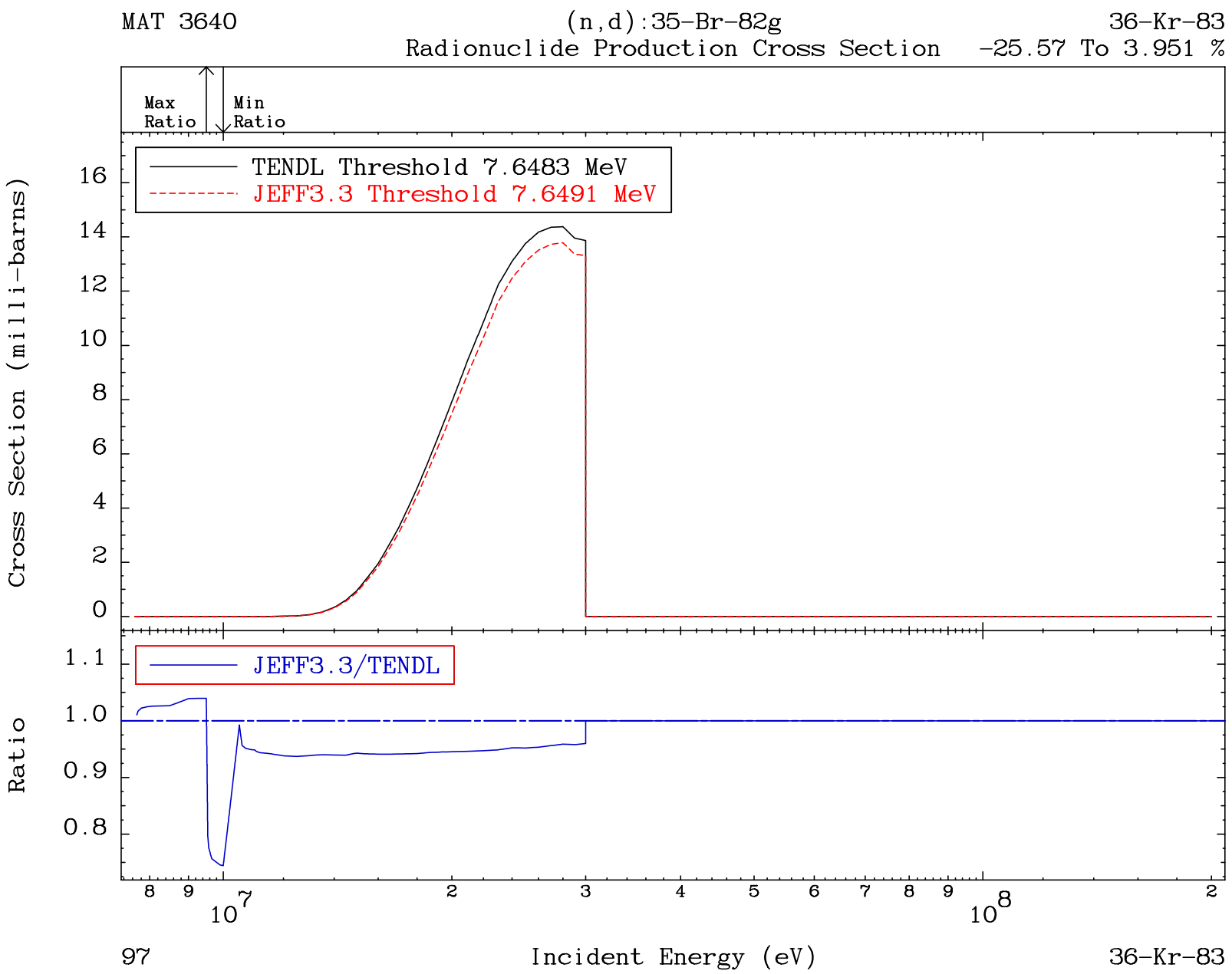

MAT 3640
(n,n') t:35-Br-80m2
36-Kr-83
Radionuclide Production Cross Section -100.0 To 214.0 %
Max Ratio
TENDL Threshold 19.370 MeV
JEFF3.3 Threshold 19.370 MeV
Cross Section (milli-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^0
10^-2
10^-4
10^-6
2
3
4
5
6
7
8
9
10^8
2
92
Incident Energy (eV)
36-Kr-83

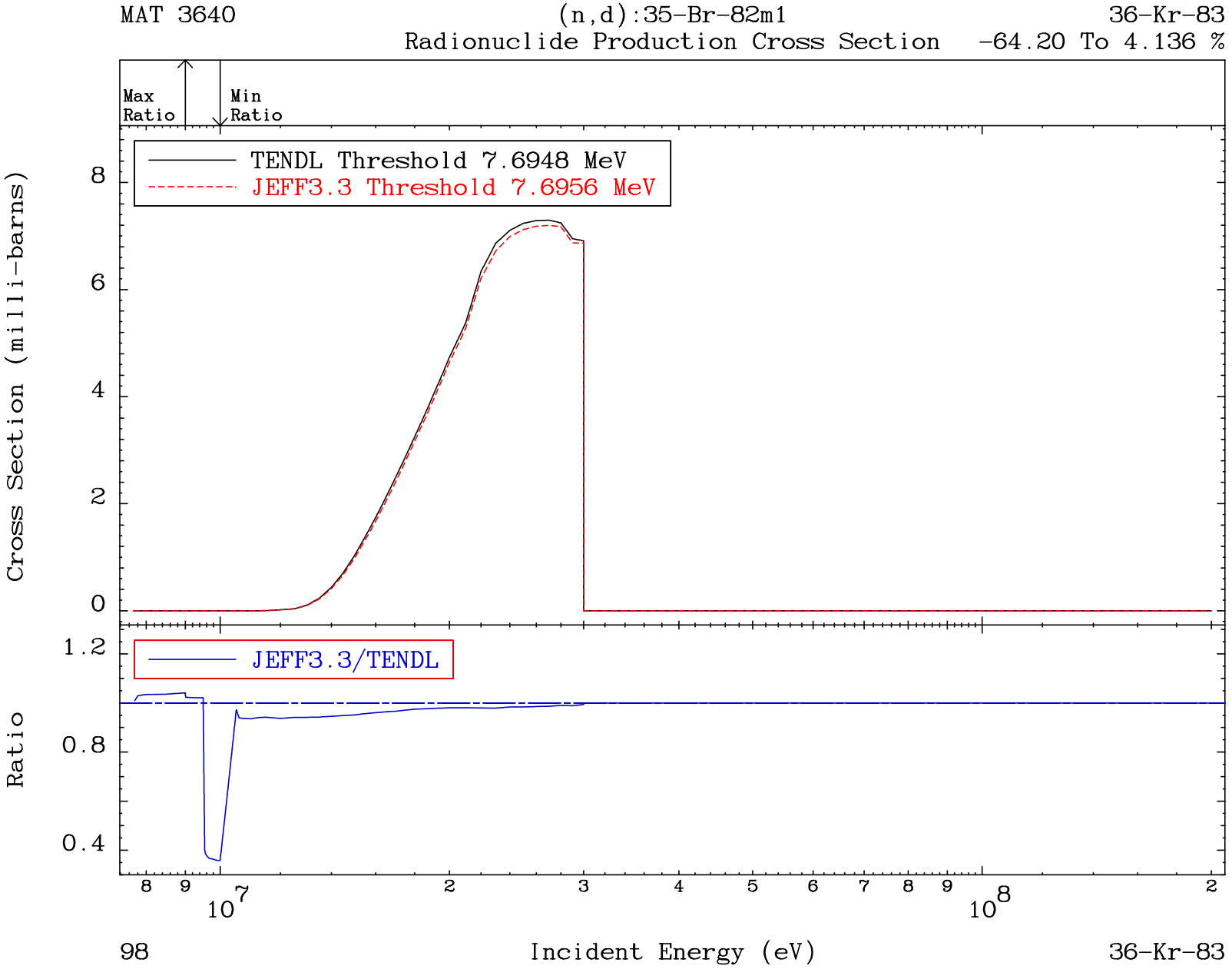

MAT 3640
(n,3n) p:35-Br-80g
36-Kr-83
Radionuclide Production Cross Section 0.000 To 9999. %
Min Ratio
TENDL Threshold 27.868 MeV
JEFF3.3 Threshold 27.868 MeV
Cross Section (10^{-9} barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^4
10^2
10^0
40
60
80
100
120
140
160
180
200
93
Incident Energy (MeV)
36-Kr-83

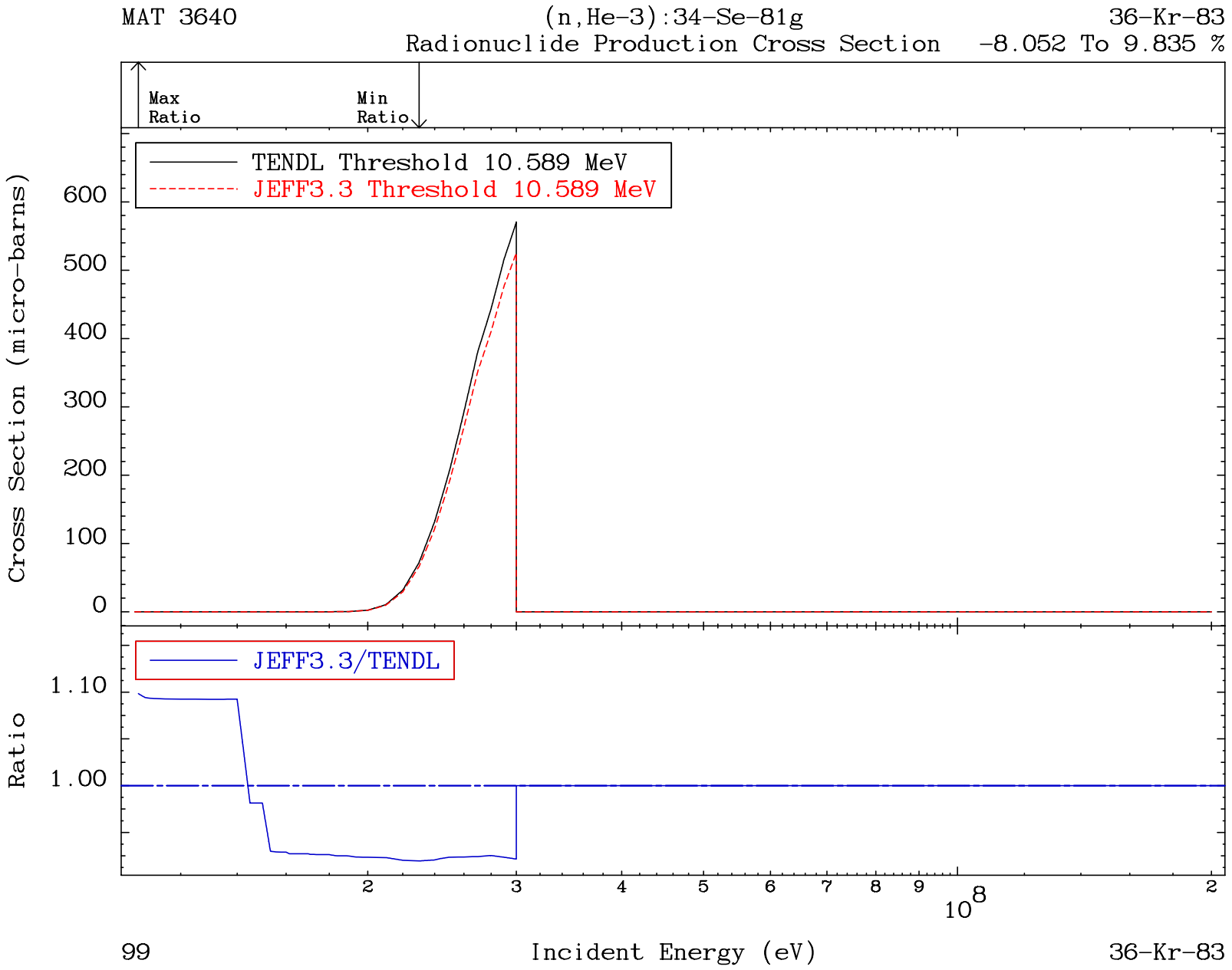

MAT 3640
(n,3n) p:35-Br-80m2
36-Kr-83
Radionuclide Production Cross Section 0.000 To 9999. %
Min Ratio
TENDL Threshold 27.955 MeV
JEFF3.3 Threshold 27.955 MeV
Cross Section (10^{-9} barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^4
10^2
10^0
40
60
80
100
120
140
160
180
200
94
Incident Energy (MeV)
36-Kr-83

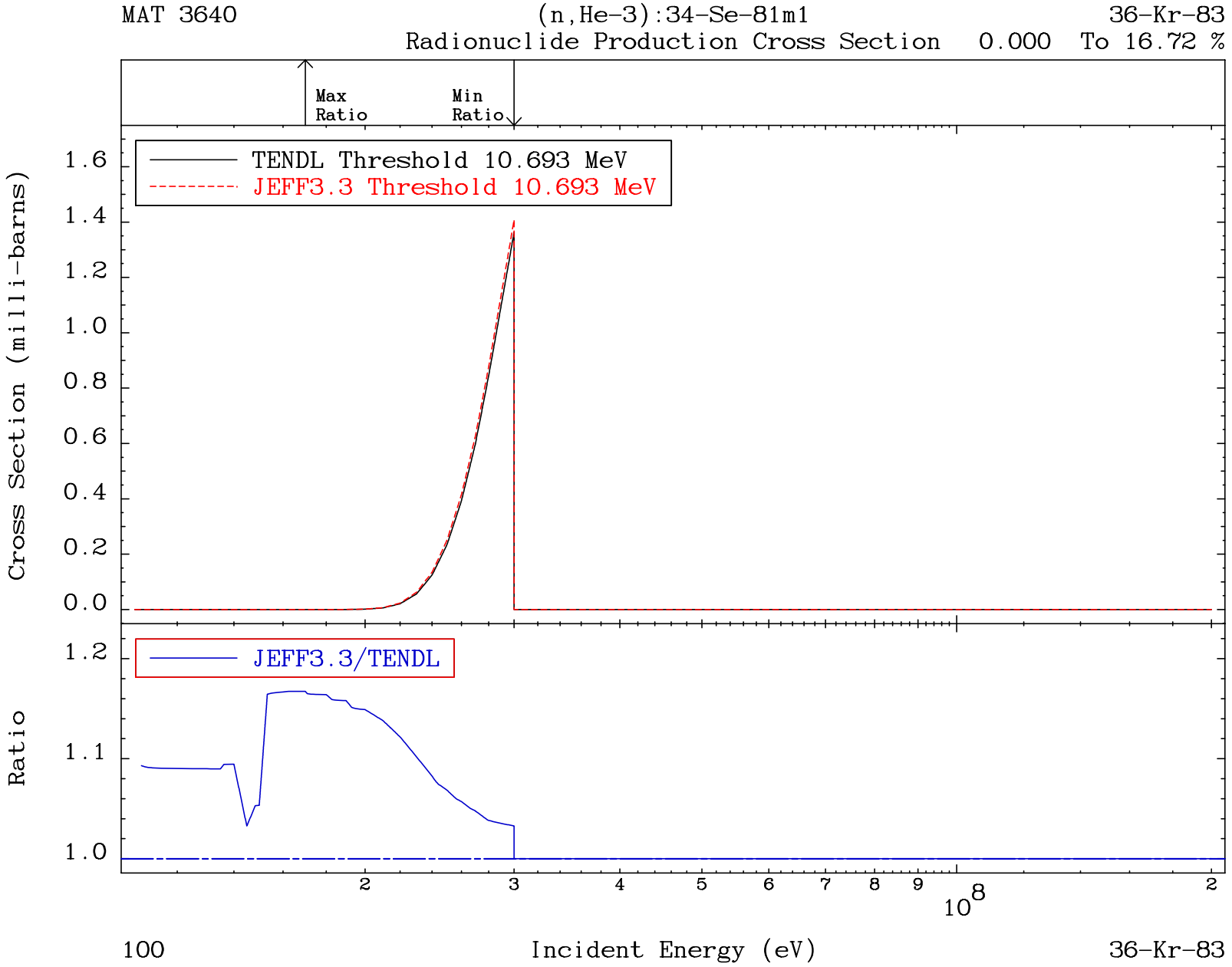

MAT 3640
(n,2n) p:34-Se-81g
36-Kr-83
Radionuclide Production Cross Section -3.594 To 2146. %
Max Ratio
Min Ratio
TENDL Threshold 18.401 MeV
JEFF3.3 Threshold 18.401 MeV
Cross Section (micro-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^1
6
10^0
6
2
3
4
5
6
7
8
9
10^8
2
95
Incident Energy (eV)
36-Kr-83

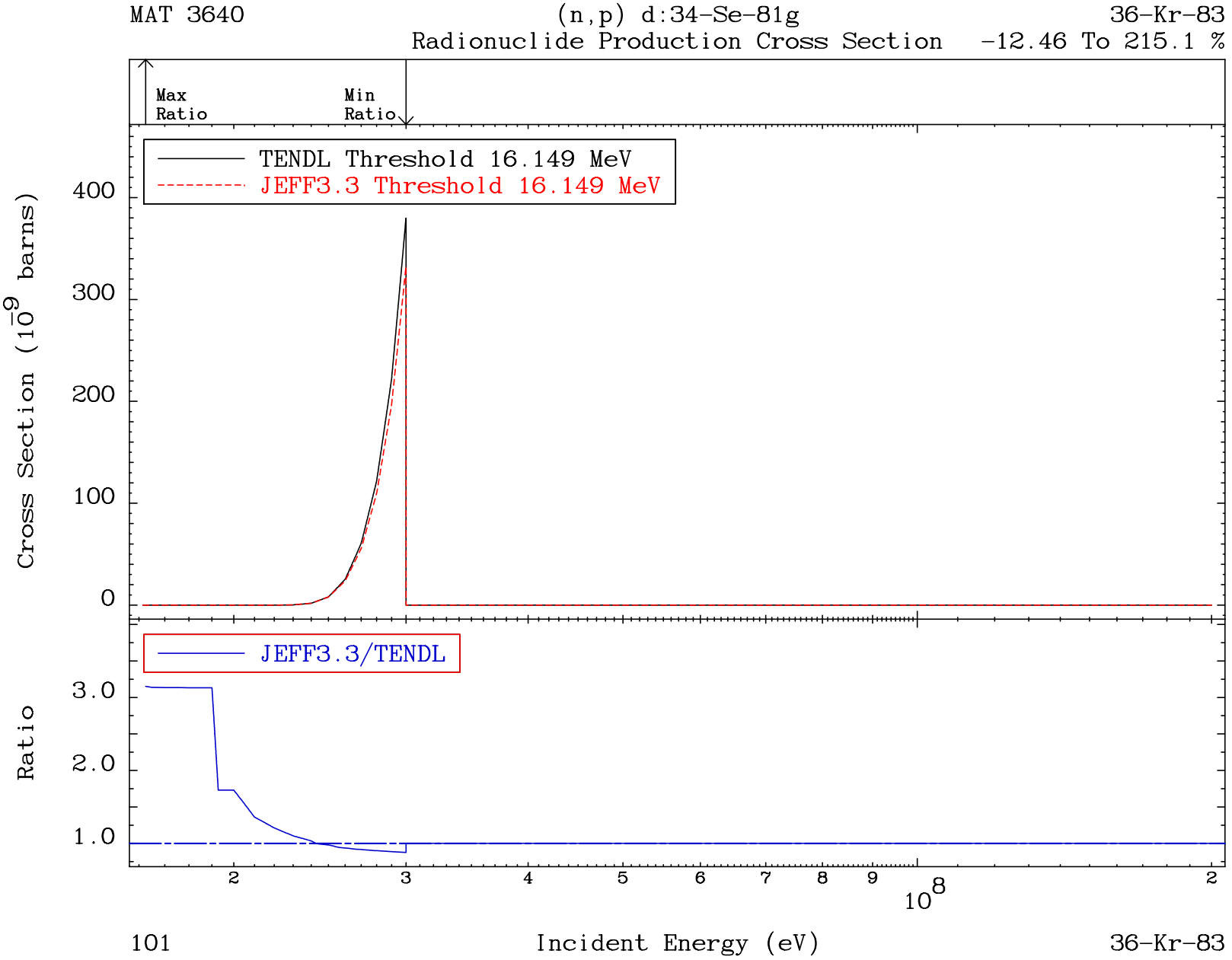

MAT 3640
(n,2n) p:34-Se-81m1
36-Kr-83
Radionuclide Production Cross Section 0.000 To 5480. %
Max Ratio
Min Ratio
TENDL Threshold 18.505 MeV
JEFF3.3 Threshold 18.505 MeV
Cross Section (micro-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
96
36-Kr-83

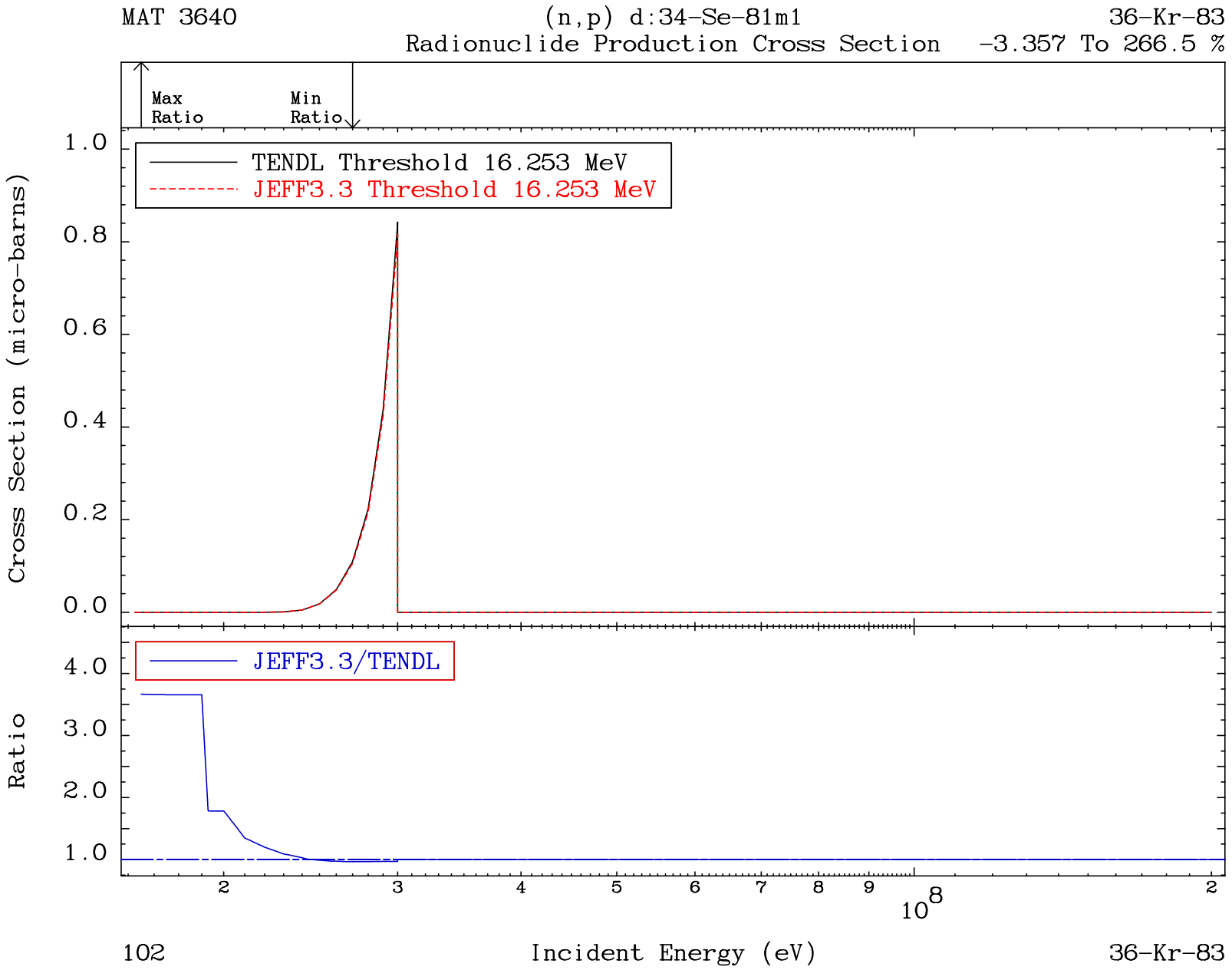

MAT 3640
(n,d):35-Br-82g
36-Kr-83
Radionuclide Production Cross Section
-25.57 To 3.951 %
Max Ratio
Min Ratio
TENDL Threshold 7.6483 MeV
JEFF3.3 Threshold 7.6491 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
JEFF3.3/TENDL
Ratio
1.1
1.0
0.9
0.8
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
97
Incident Energy (eV)
36-Kr-83


MAT 3640
(n,d):35-Br-82m1
36-Kr-83
Radionuclide Production Cross Section -64.20 To 4.136 %
Max Ratio
Min Ratio
TENDL Threshold 7.6948 MeV
JEFF3.3 Threshold 7.6956 MeV
Cross Section (milli-barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
0.4
0.8
1.2
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
98
Incident Energy (eV)
36-Kr-83


MAT 3640
(n,He-3):34-Se-81g
36-Kr-83
Radionuclide Production Cross Section -8.052 To 9.835 %
Max Ratio
Min Ratio
TENDL Threshold 10.589 MeV
JEFF3.3 Threshold 10.589 MeV
Cross Section (micro-barns)
600
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.10
1.00
2
3
4
5
6
7
8
9
10^8
2
99
Incident Energy (eV)
36-Kr-83


MAT 3640
(n,He-3):34-Se-81m1
36-Kr-83
Radionuclide Production Cross Section 0.000 To 16.72 %
Max Ratio
Min Ratio
TENDL Threshold 10.693 MeV
JEFF3.3 Threshold 10.693 MeV
Cross Section (milli-barns)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.2
1.1
1.0
2
3
4
5
6
7
8
9
10^8
2
100
Incident Energy (eV)
36-Kr-83


MAT 3640
(n,p) d:34-Se-81g
36-Kr-83
Radionuclide Production Cross Section -12.46 To 215.1 %
Max Ratio
Min Ratio
TENDL Threshold 16.149 MeV
JEFF3.3 Threshold 16.149 MeV
Cross Section (10^{-9} barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
101
Incident Energy (eV)
36-Kr-83


MAT 3640
(n,p) d:34-Se-81m1
36-Kr-83
Radionuclide Production Cross Section
-3.357 To 266.5 %
Max Ratio
Min Ratio
TENDL Threshold 16.253 MeV
JEFF3.3 Threshold 16.253 MeV
Cross Section (micro-barns)
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
4.0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
102
Incident Energy (eV)
36-Kr-83