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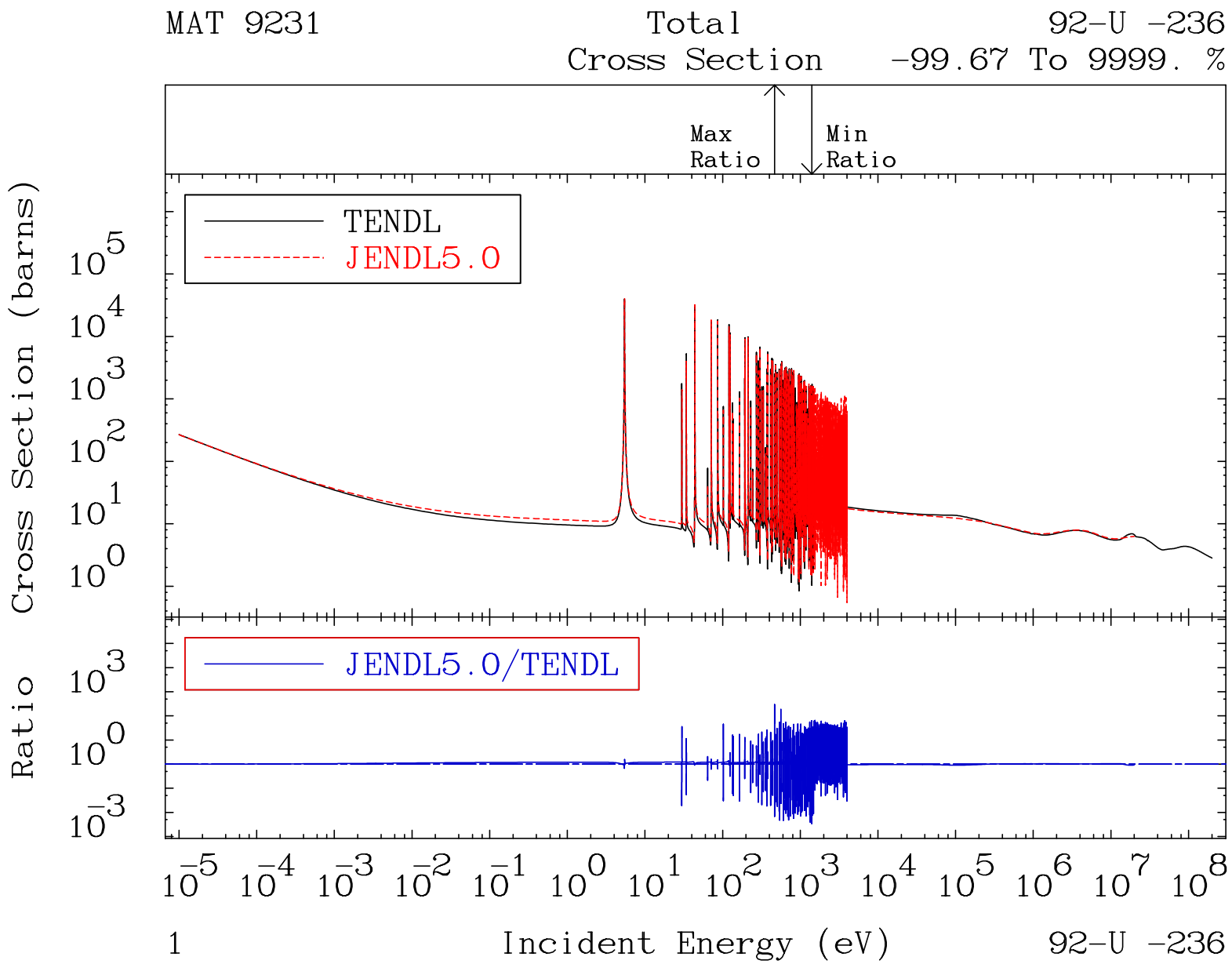
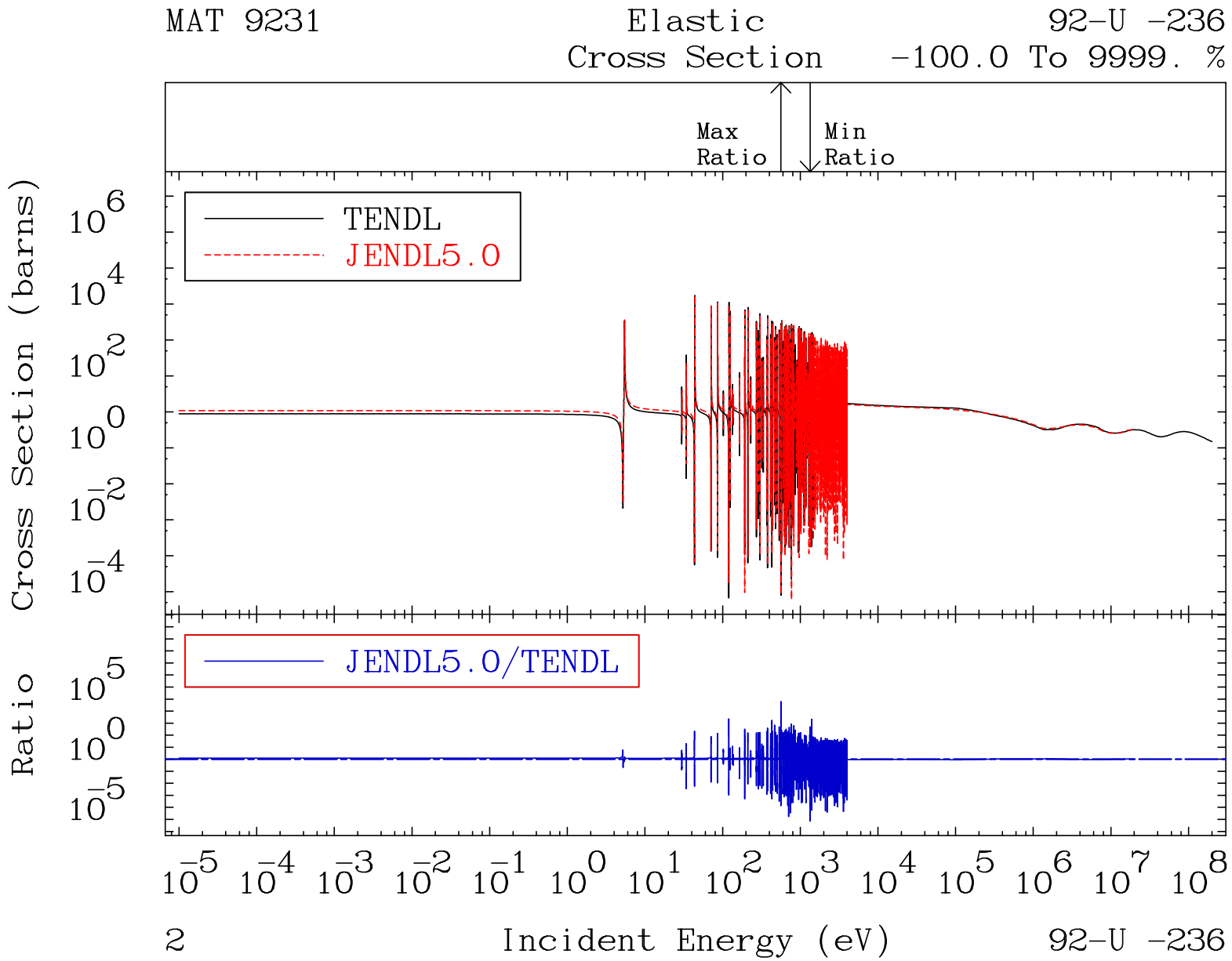
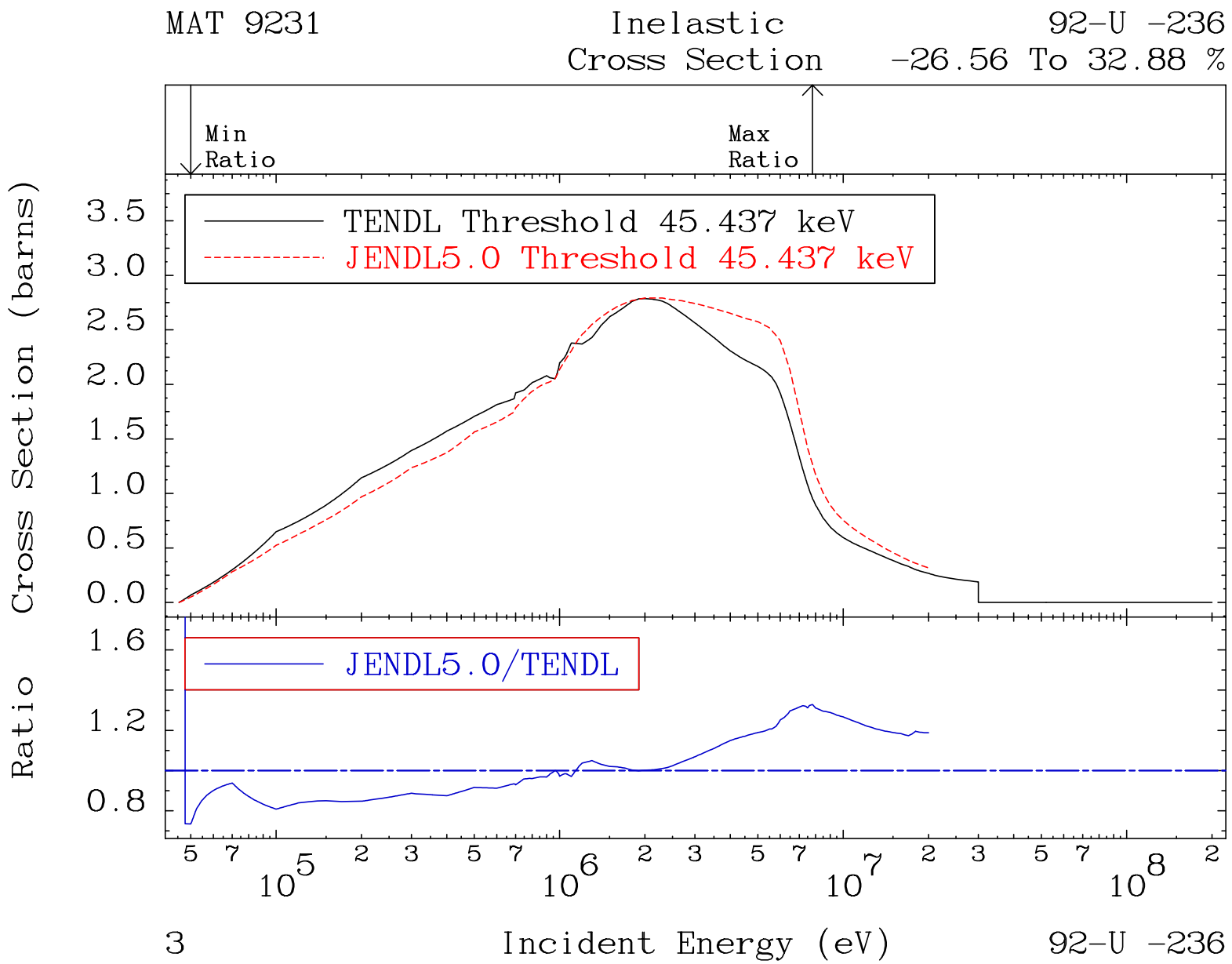
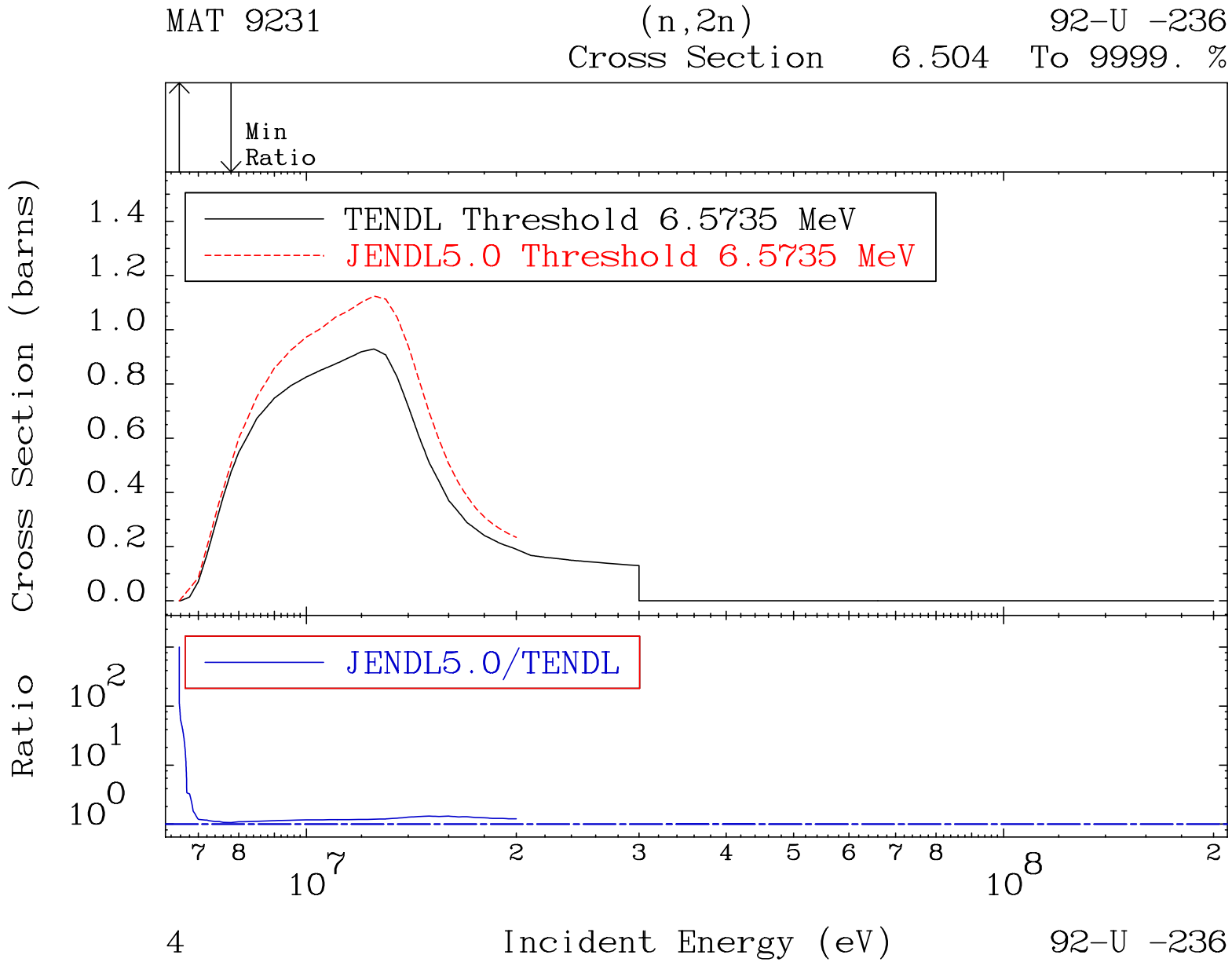
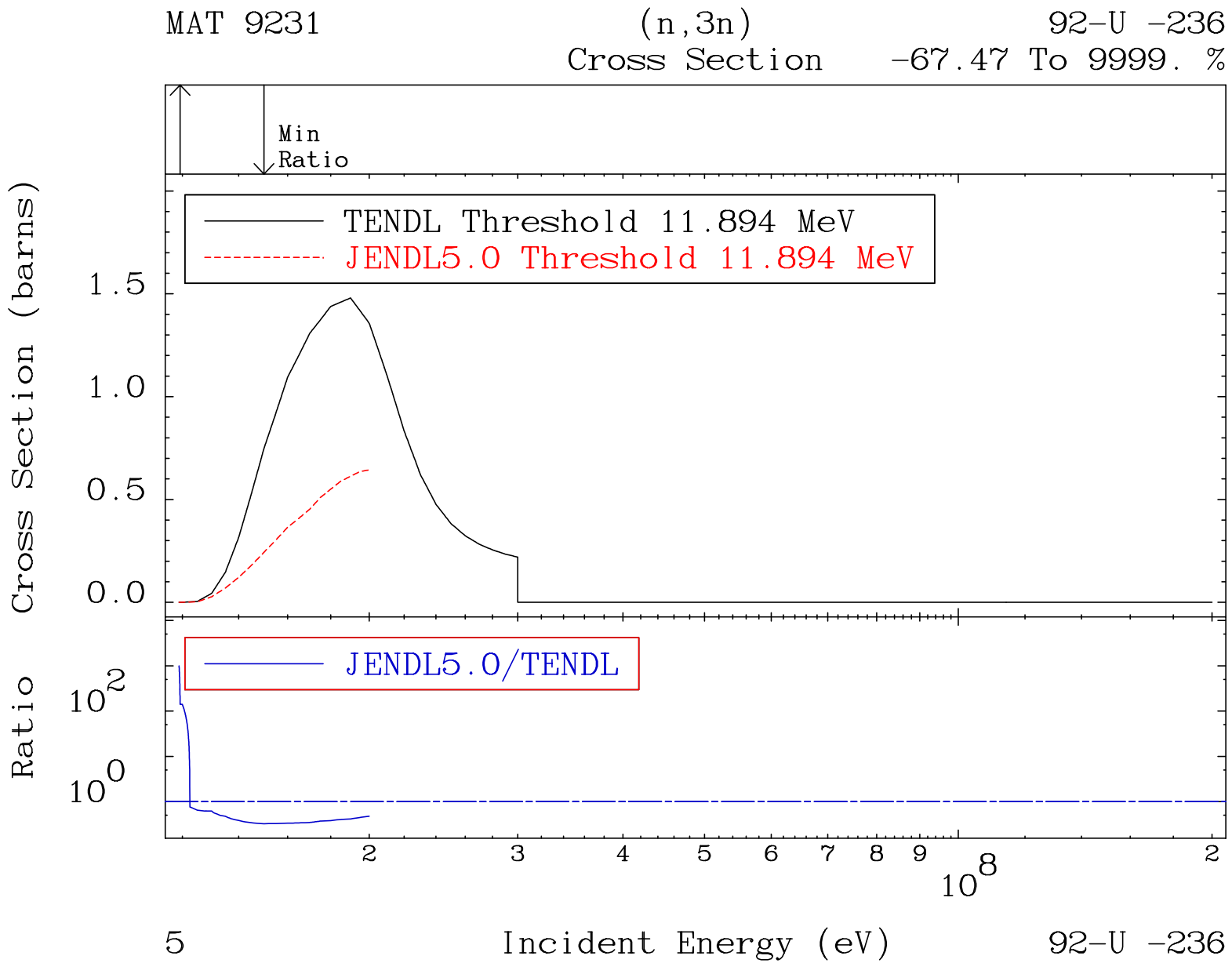
Press Mouse Button to Start

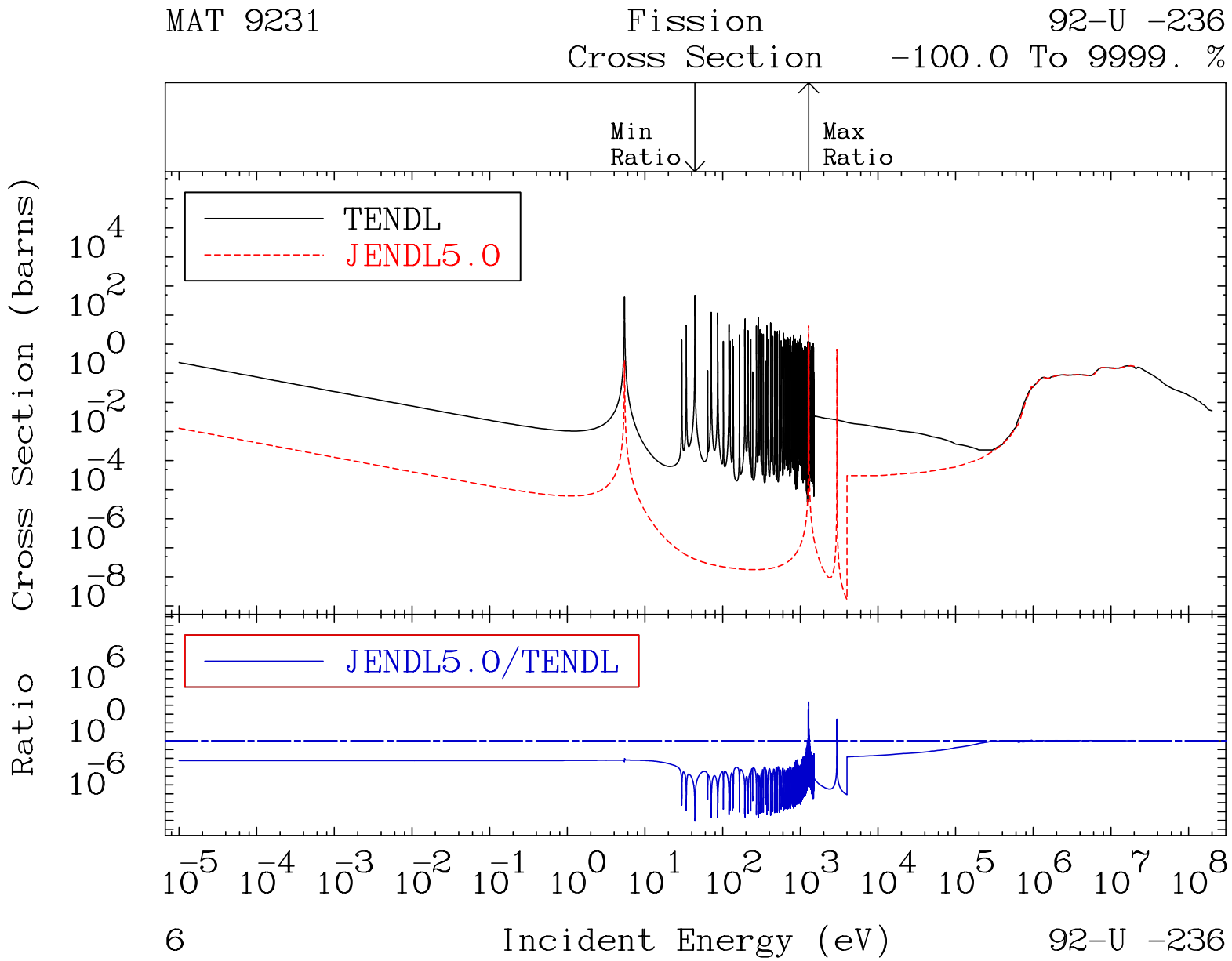

MAT 9231
Total
Cross Section
92-U -236
-99.67 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
1
92-U -236

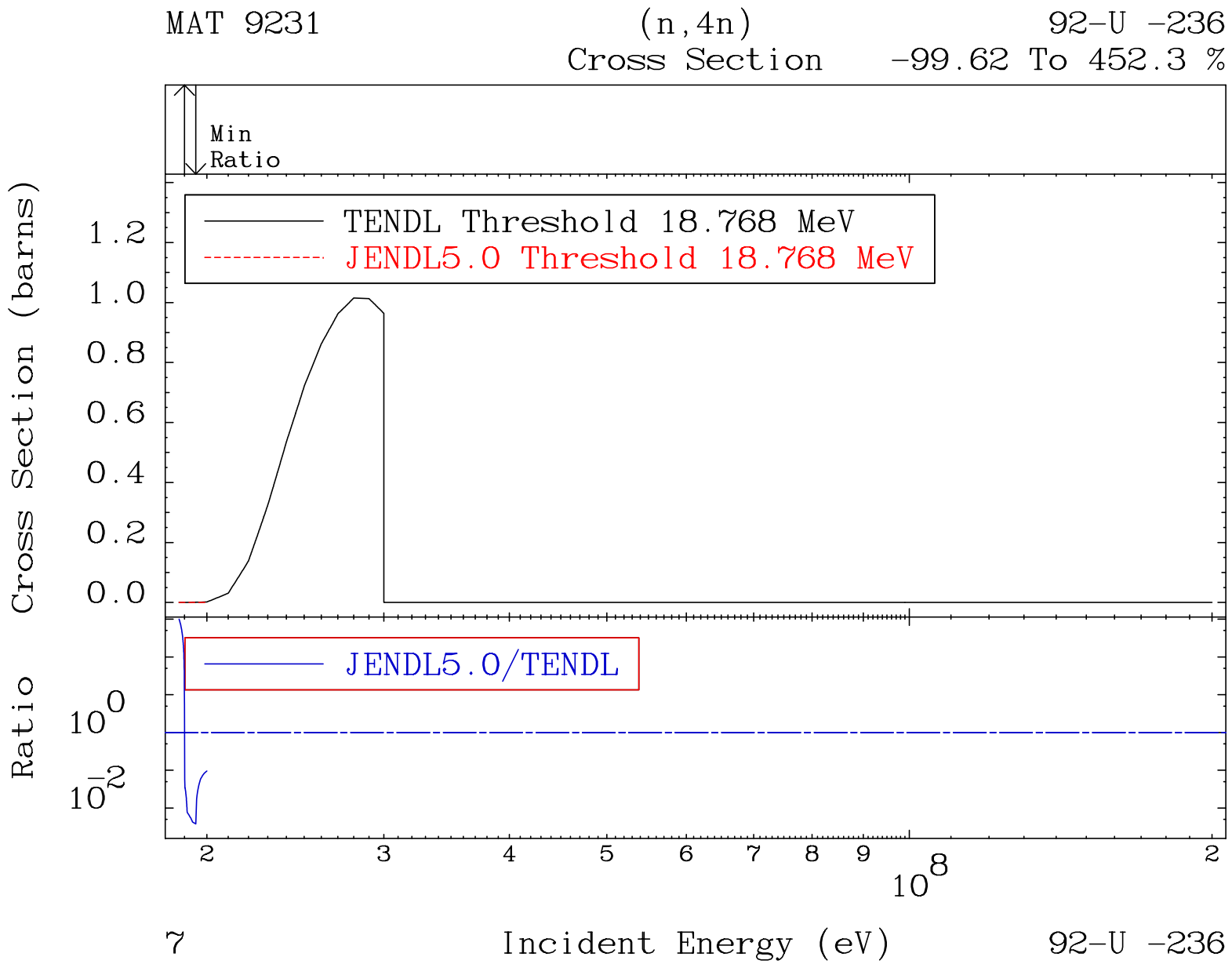

MAT 9231
Elastic
Cross Section
92-U -236
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
92-U -236

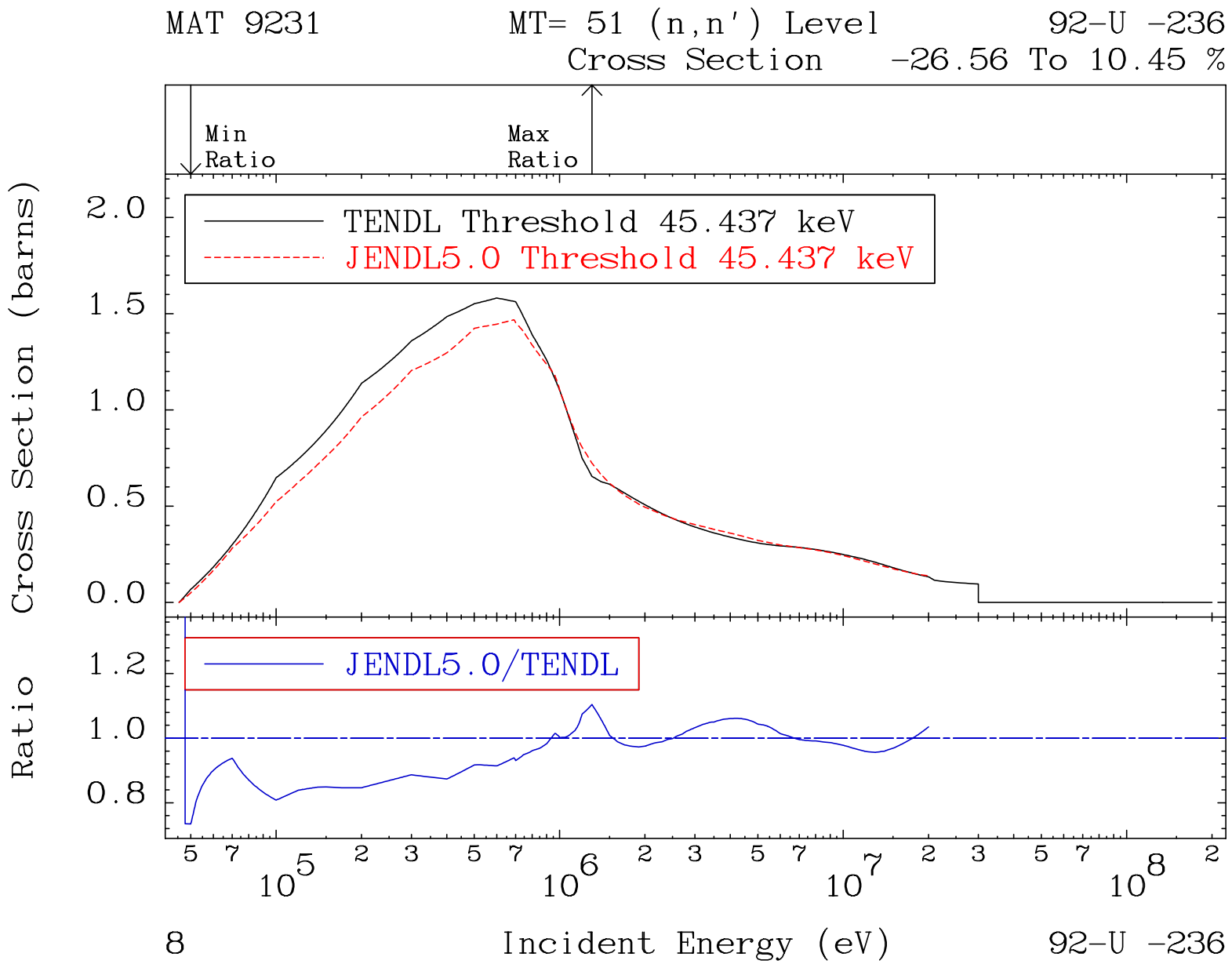

MAT 9231
Inelastic
Cross Section
92-U -236
-26.56 To 32.88 %
Min
Ratio
Max
Ratio
TENDL Threshold 45.437 keV
JENDL5.0 Threshold 45.437 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
3
92-U -236

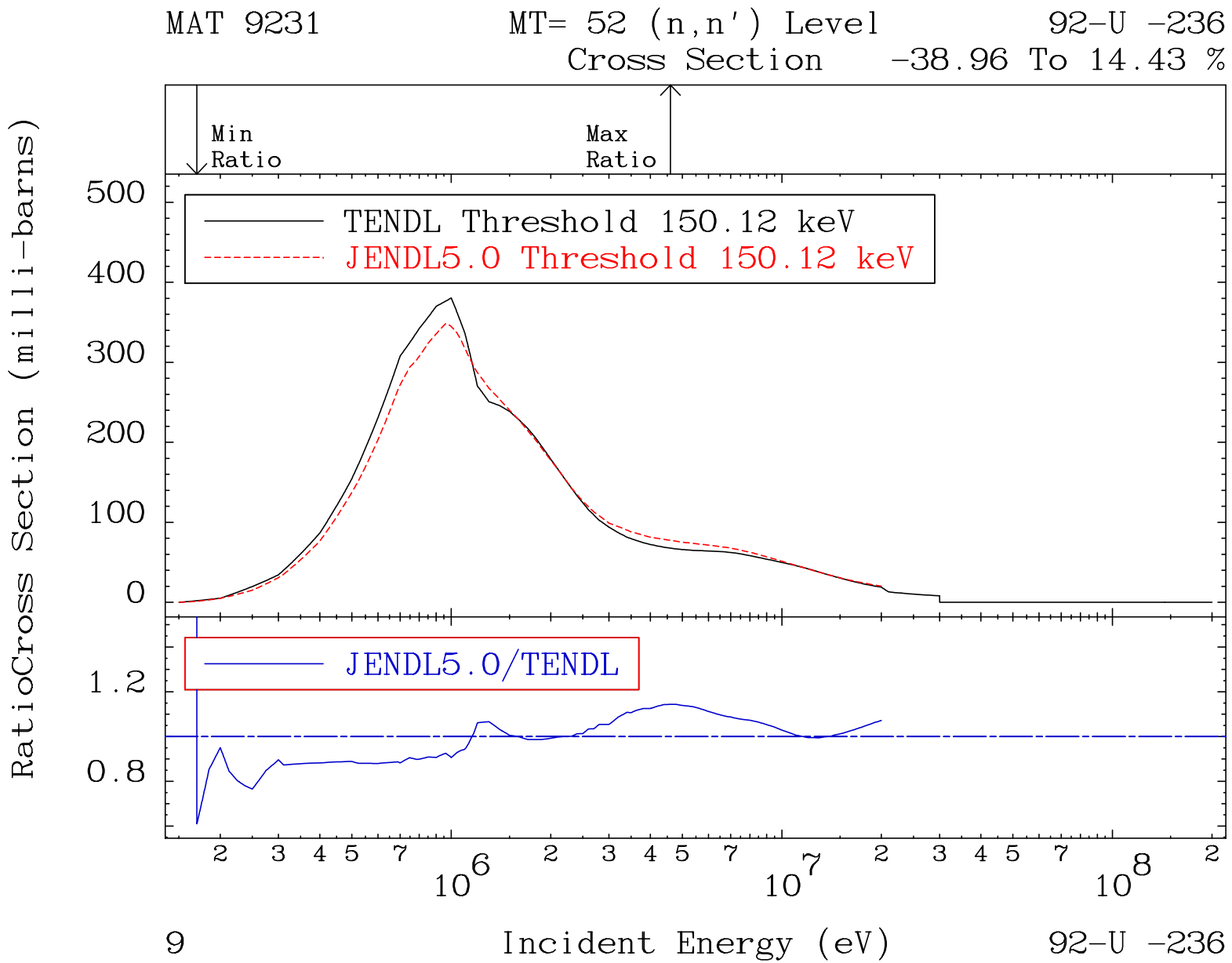

MAT 9231
(n,2n)
92-U -236
Cross Section 6.504 To 9999. %
Min
Ratio
TENDL Threshold 6.5735 MeV
JENDL5.0 Threshold 6.5735 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JENDL5.0/TENDL
Ratio
10^2
10^1
10^0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
4
Incident Energy (eV)
92-U -236

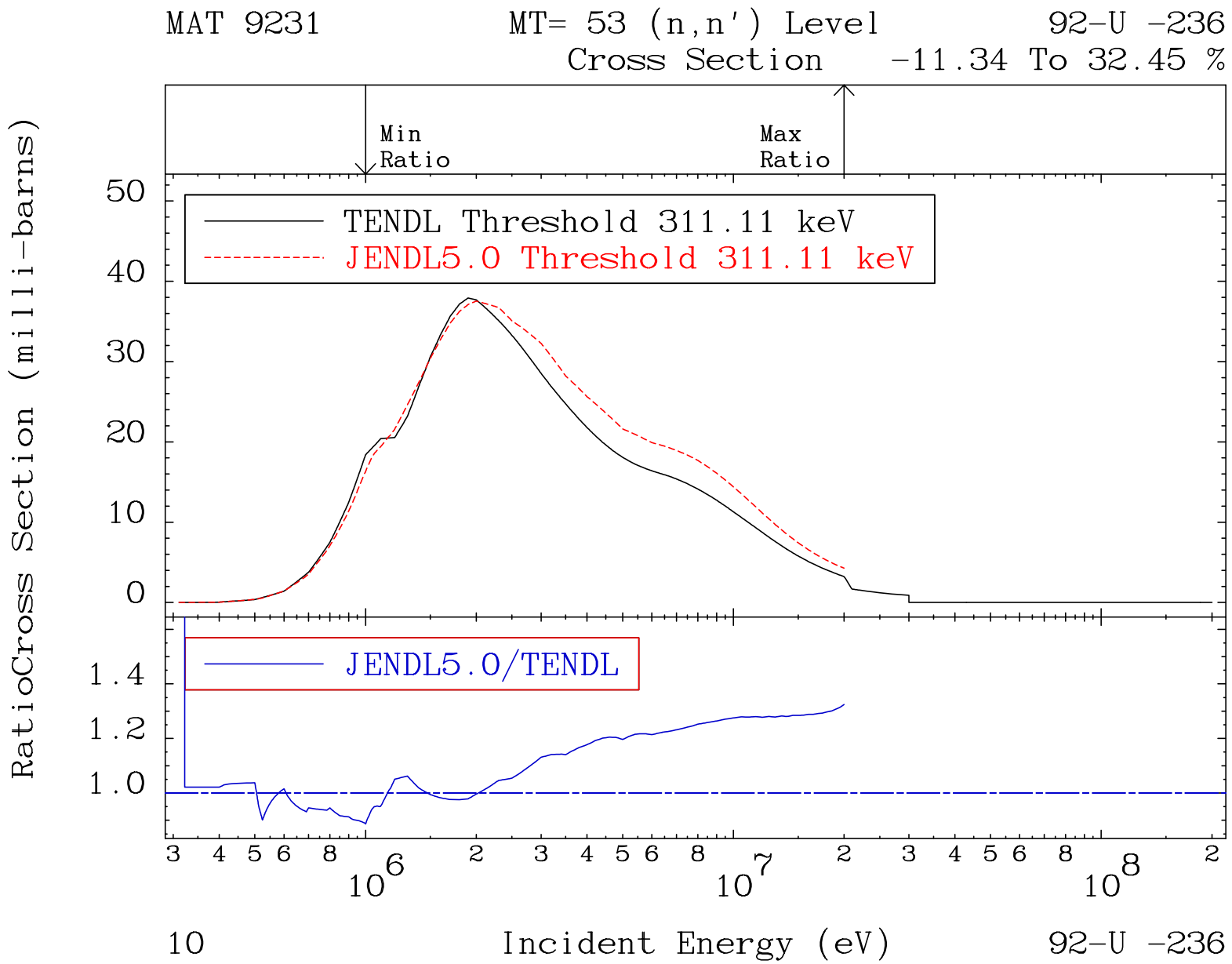

MAT 9231
(n,3n)
92-U -236
Cross Section
-67.47 To 9999. %
Min
Ratio
TENDL Threshold 11.894 MeV
JENDL5.0 Threshold 11.894 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
JENDL5.0/TENDL
Ratio
10^2
10^0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
92-U -236

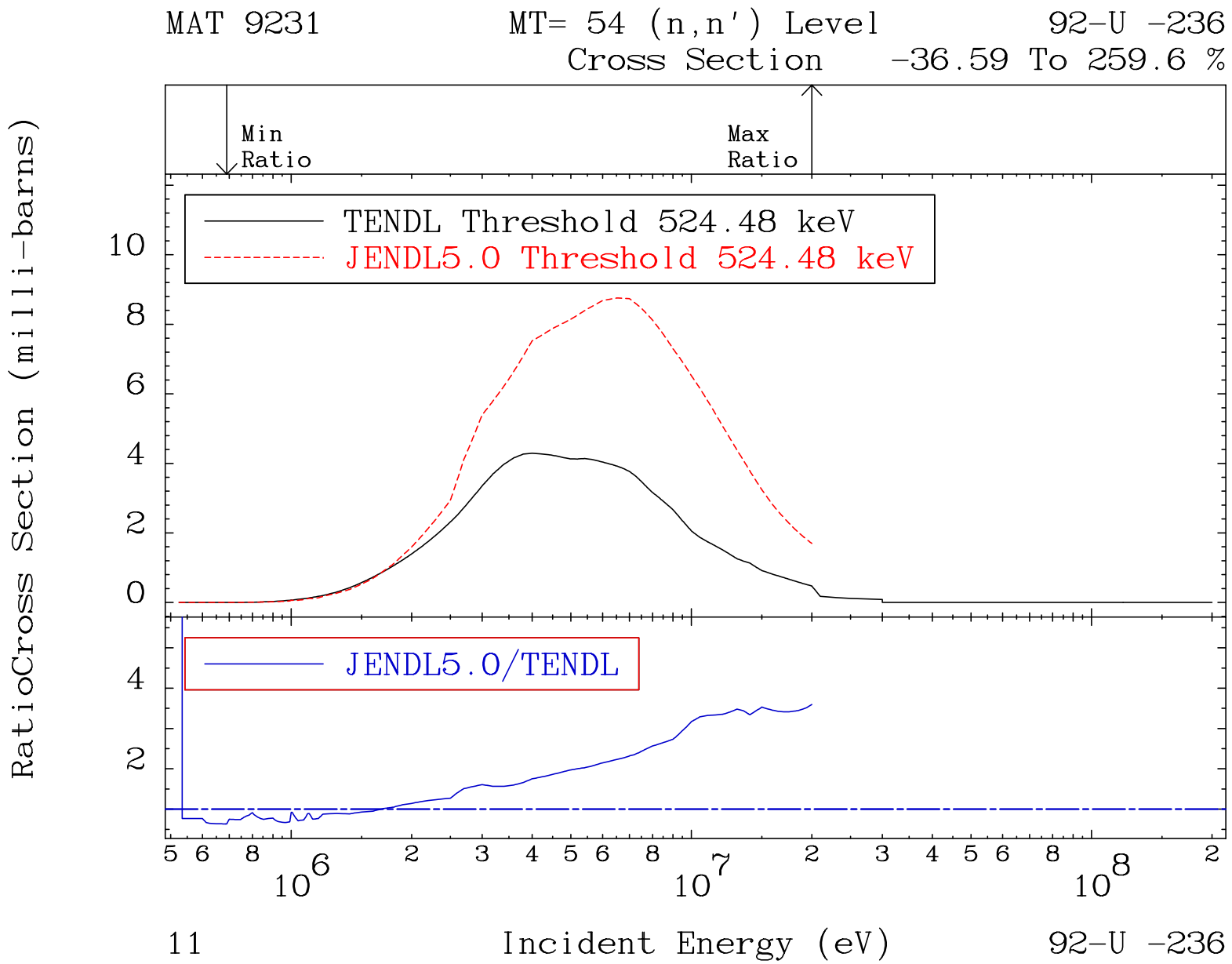

MAT 9231
Fission
92-U -236
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
6
92-U -236

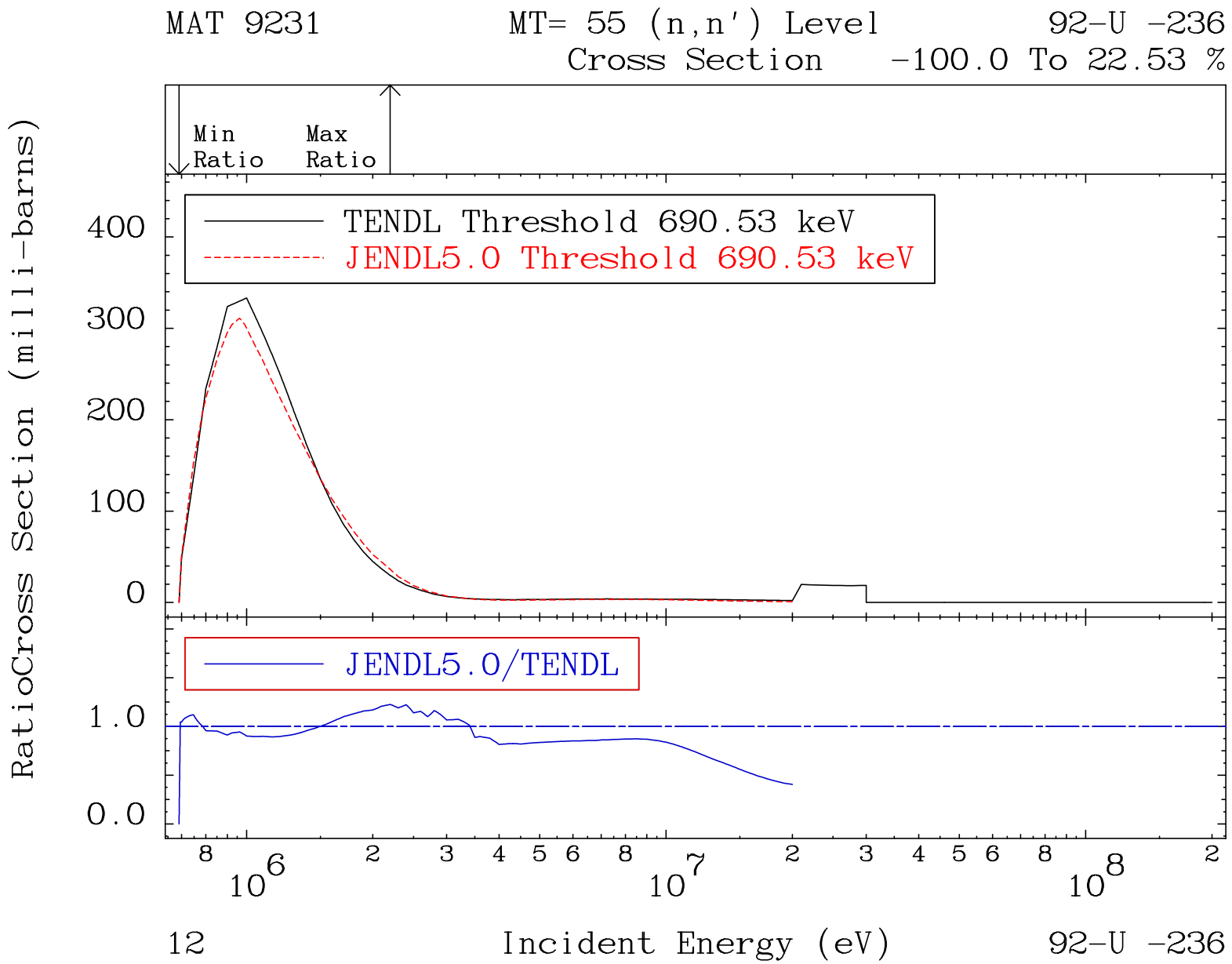

MAT 9231
(n,4n)
92-U -236
Cross Section
-99.62 To 452.3 %
Min
Ratio
TENDL Threshold 18.768 MeV
JENDL5.0 Threshold 18.768 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JENDL5.0/TENDL
Ratio
10^0
10^-2
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
92-U -236

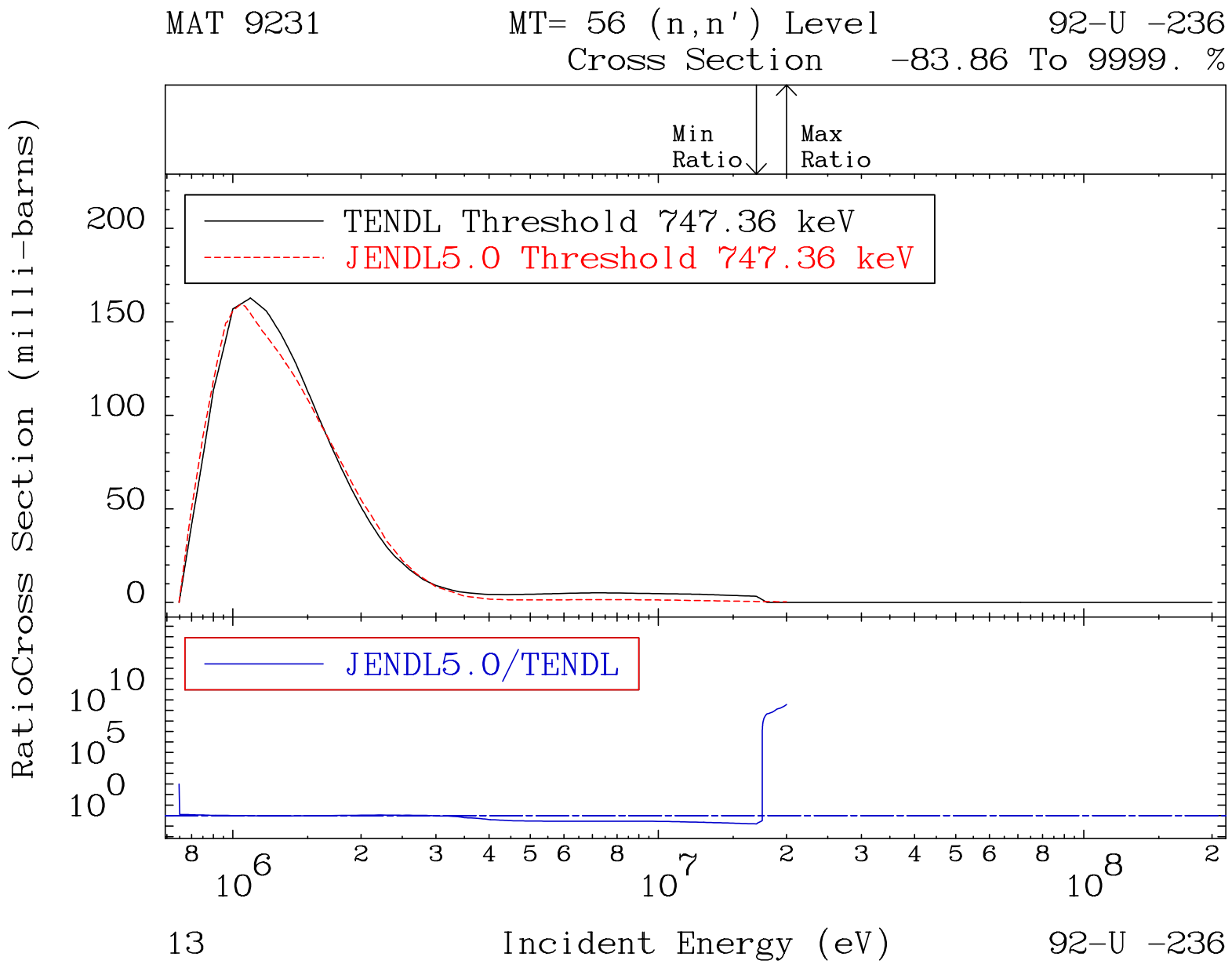

MAT 9231
MT= 51 (n,n') Level
92-U -236
Cross Section -26.56 To 10.45 %
Min Ratio
Max Ratio
TENDL Threshold 45.437 keV
JENDL5.0 Threshold 45.437 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
92-U -236
8

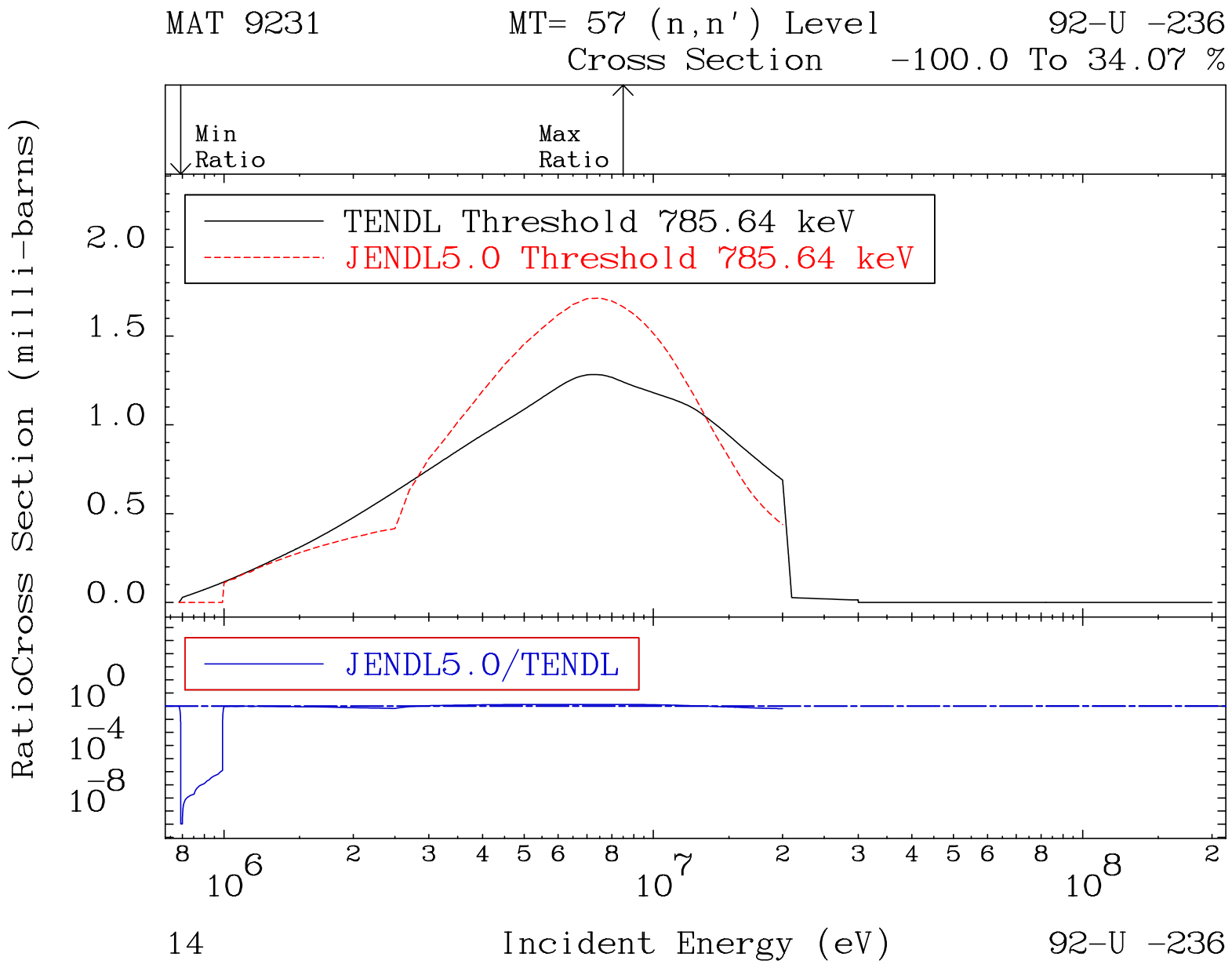

MAT 9231
MT= 52 (n,n') Level
92-U -236
Cross Section -38.96 To 14.43 %
Min Ratio
Max Ratio
TENDL Threshold 150.12 keV
JENDL5.0 Threshold 150.12 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
1.2
0.8
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
9
Incident Energy (eV)
92-U -236

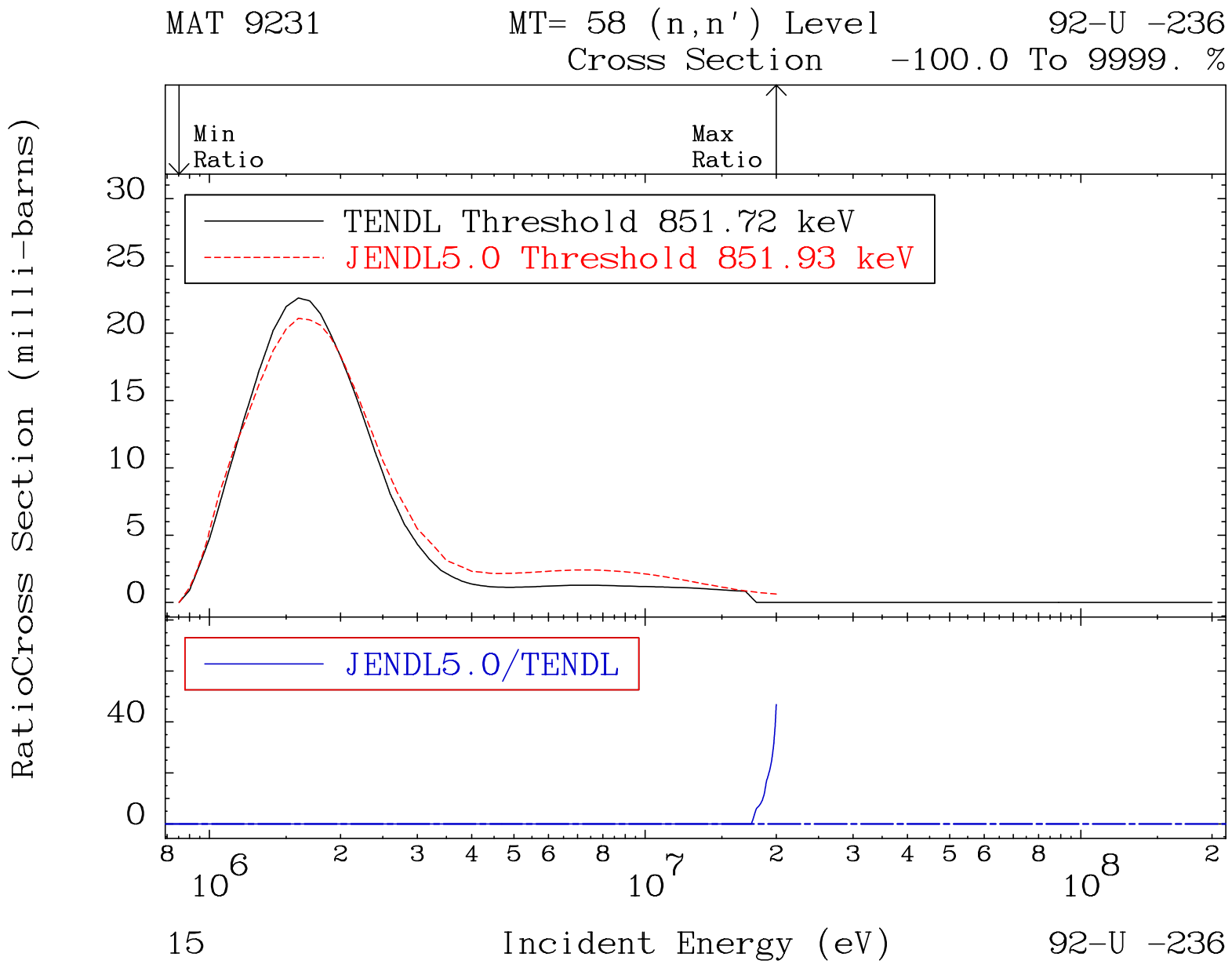

MAT 9231
MT= 53 (n,n') Level
92-U -236
Cross Section
-11.34 To 32.45 %
Min Ratio
Max Ratio
TENDL Threshold 311.11 keV
JENDL5.0 Threshold 311.11 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
92-U -236
10

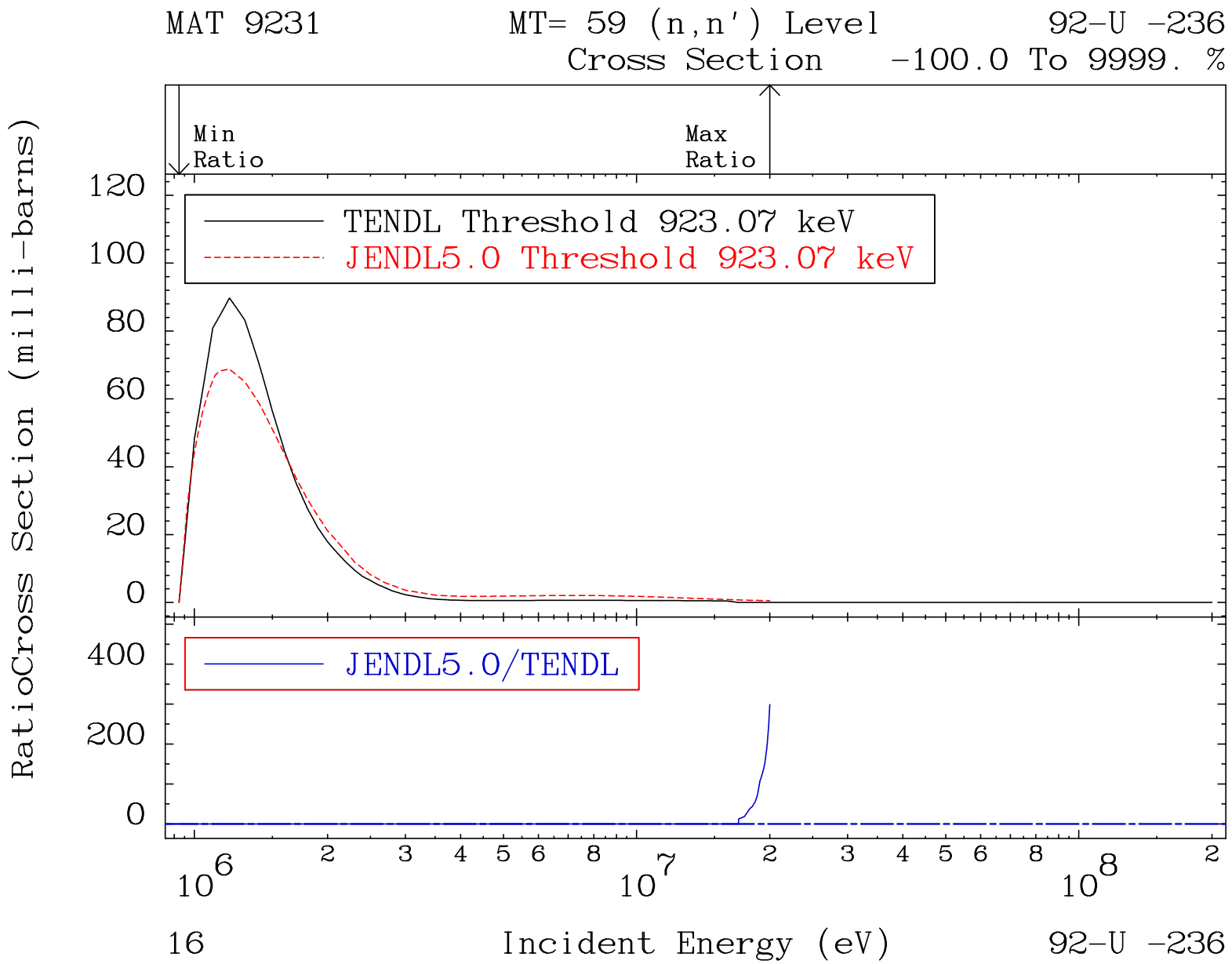

MAT 9231
MT= 54 (n,n') Level
92-U -236
Cross Section
-36.59 To 259.6 %
Min Ratio
Max Ratio
TENDL Threshold 524.48 keV
JENDL5.0 Threshold 524.48 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
11
92-U -236

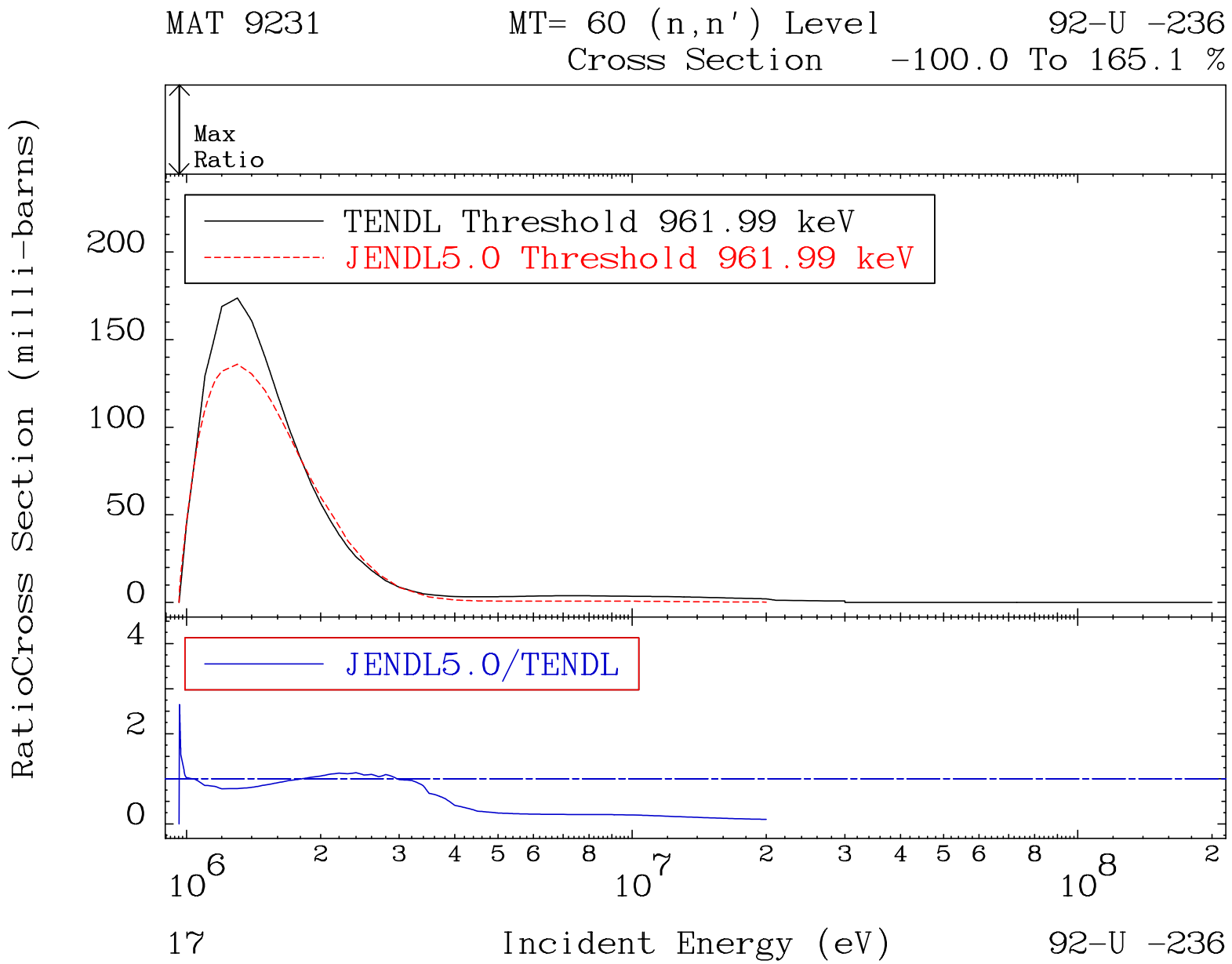

MAT 9231
MT= 55 (n,n') Level
92-U -236
Cross Section
-100.0 To 22.53 %
Min Ratio
Max Ratio
TENDL Threshold 690.53 keV
JENDL5.0 Threshold 690.53 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
1.0
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
12
Incident Energy (eV)
92-U -236

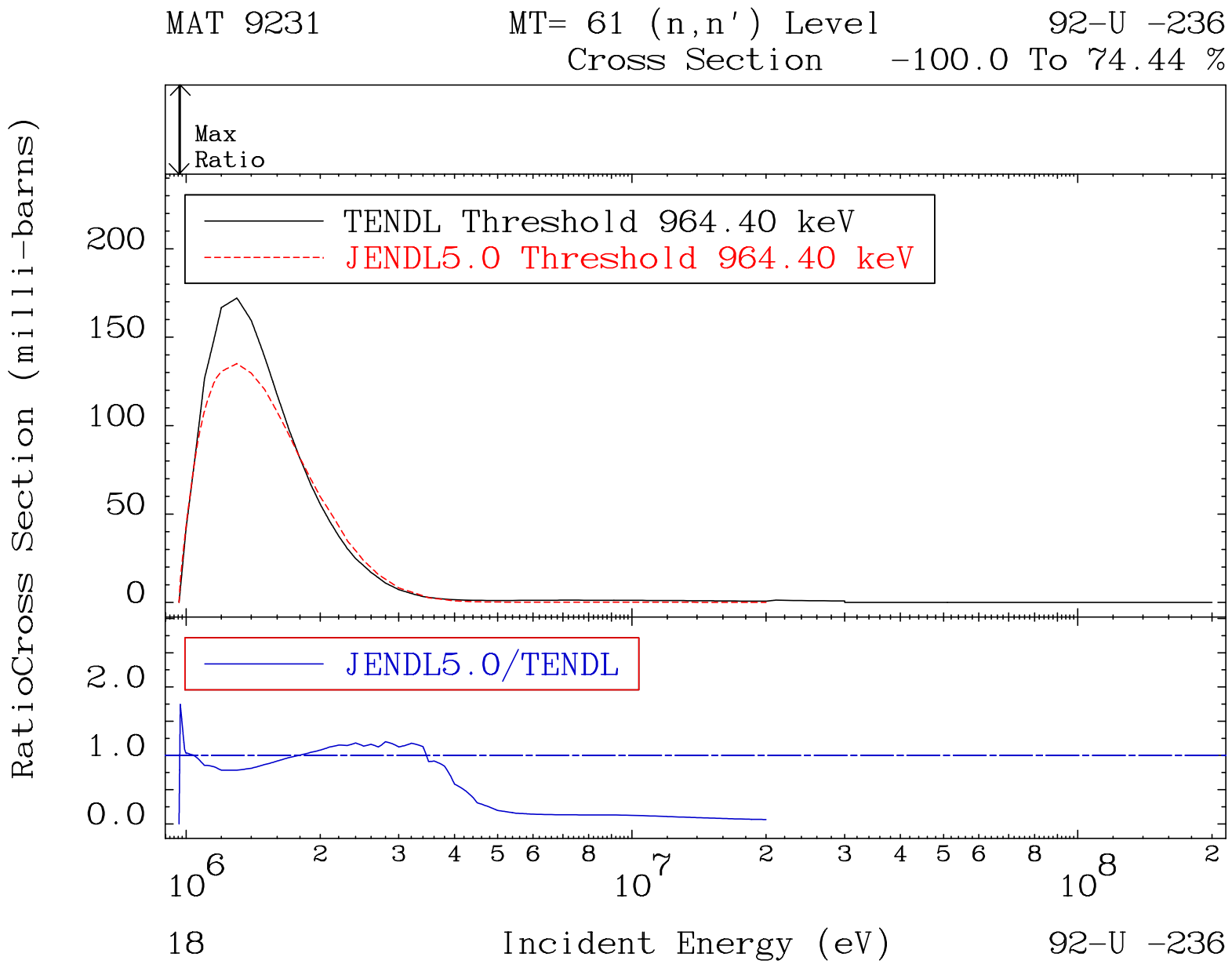

MAT 9231
MT= 56 (n,n') Level
92-U -236
Cross Section
-83.86 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 747.36 keV
JENDL5.0 Threshold 747.36 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
10^10
10^5
10^0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
13
Incident Energy (eV)
92-U -236

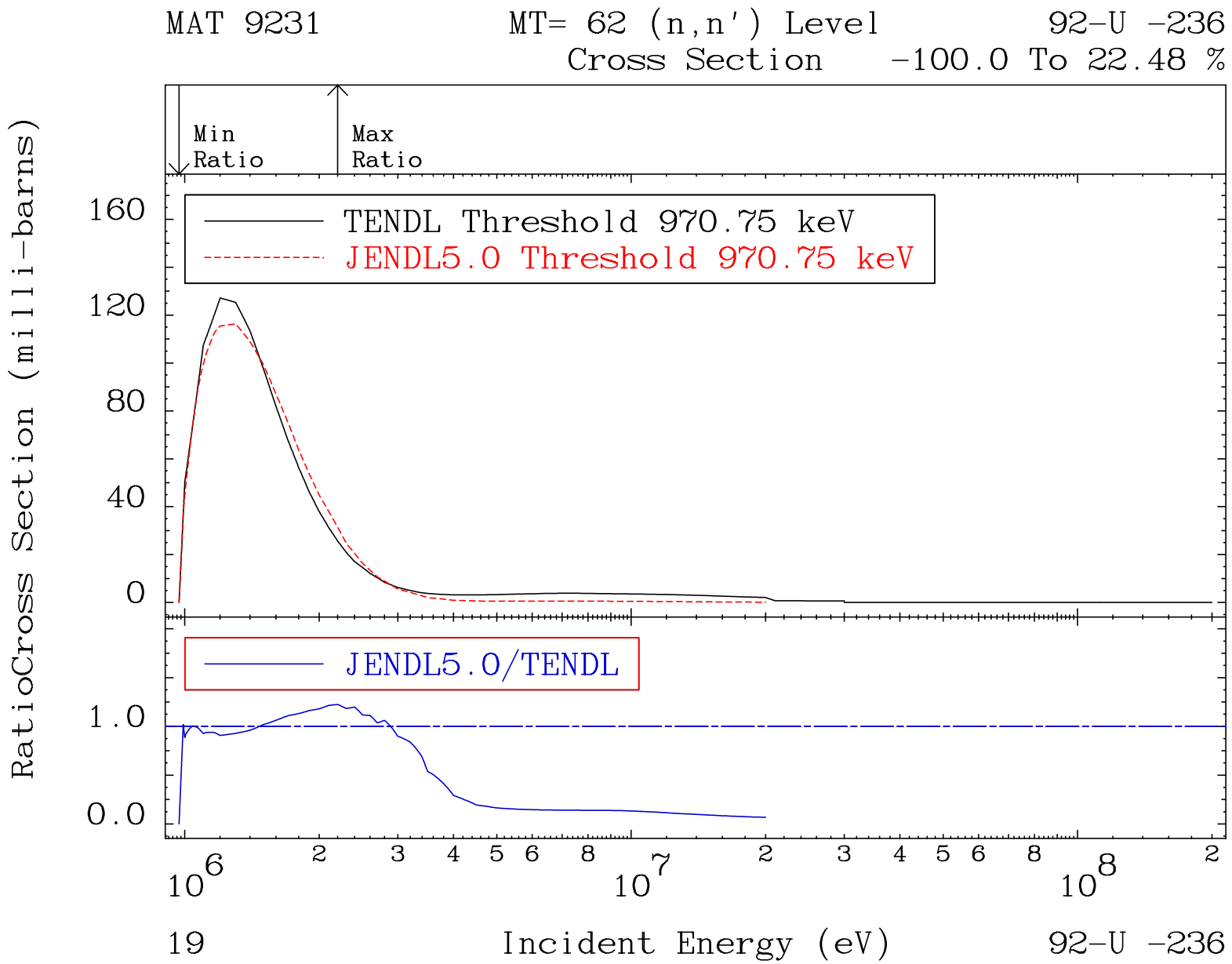

MAT 9231
MT= 57 (n,n') Level
92-U -236
Cross Section
-100.0 To 34.07 %
Min Ratio
Max Ratio
TENDL Threshold 785.64 keV
JENDL5.0 Threshold 785.64 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
10^0
10^-4
10^-8
10^6
10^7
10^8
14
Incident Energy (eV)
92-U -236

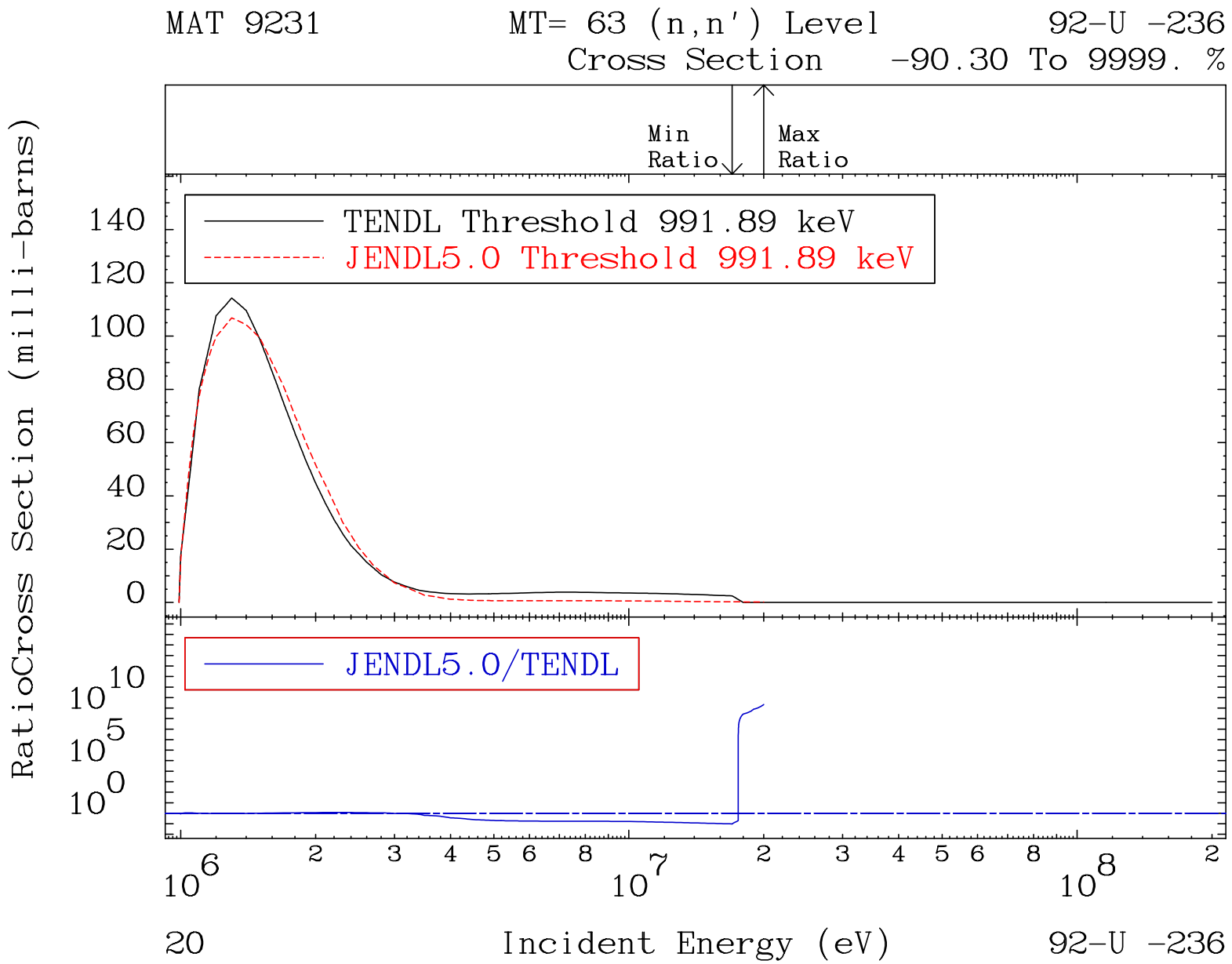

MAT 9231
MT= 58 (n,n') Level
92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 851.72 keV
JENDL5.0 Threshold 851.93 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
92-U -236
15

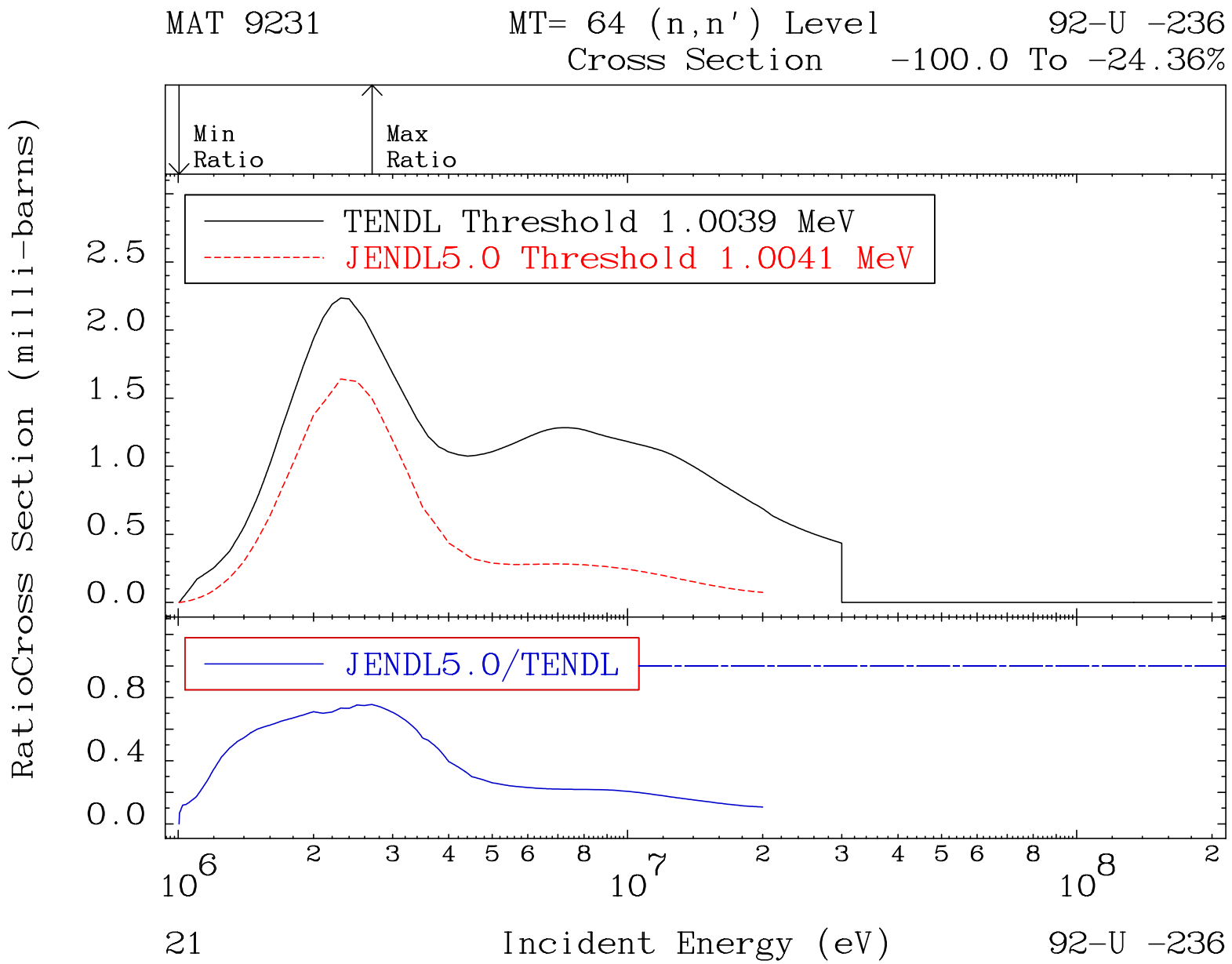

MAT 9231
MT= 59 (n,n') Level
92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 923.07 keV
JENDL5.0 Threshold 923.07 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
400
200
0
2 3 4 5 6 8
10^6
10^7
10^8
16
Incident Energy (eV)
92-U -236

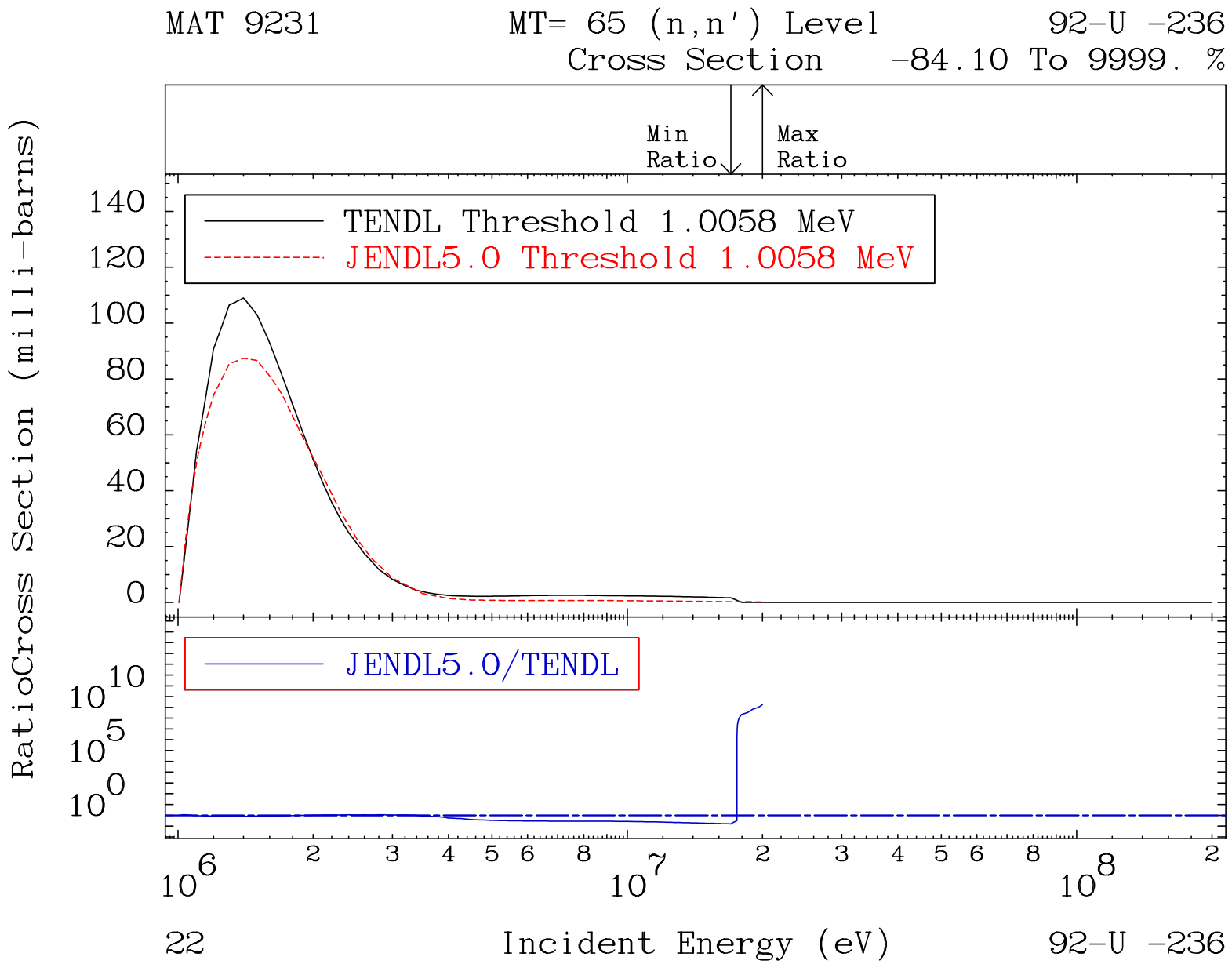

MAT 9231
MT= 60 (n,n') Level
92-U -236
Cross Section -100.0 To 165.1 %
Max
Ratio
TENDL Threshold 961.99 keV
JENDL5.0 Threshold 961.99 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
4
2
0
10^6
10^7
10^8
17
Incident Energy (eV)
92-U -236

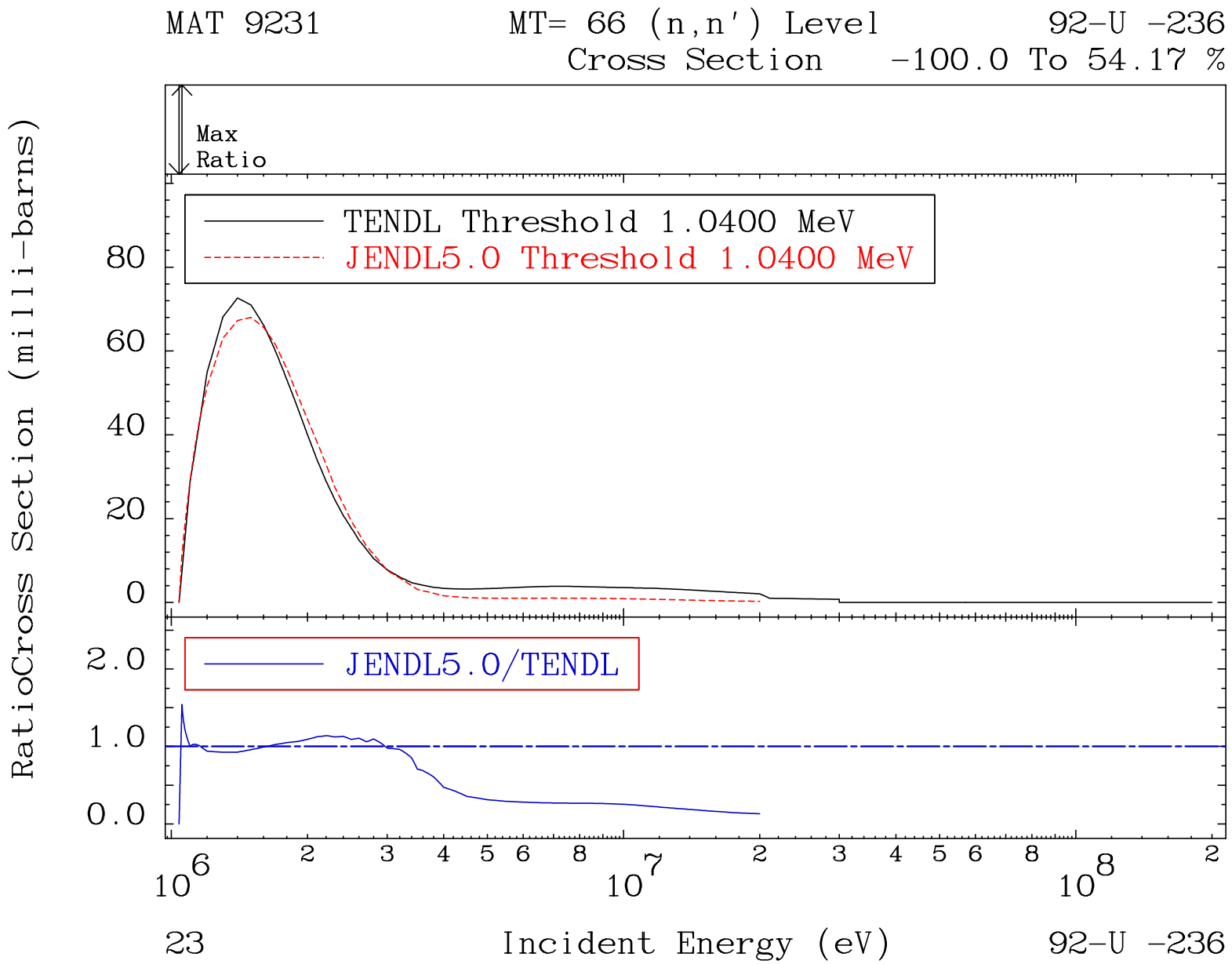

MAT 9231
MT= 61 (n,n') Level
92-U -236
Cross Section
-100.0 To 74.44 %
Max
Ratio
TENDL Threshold 964.40 keV
JENDL5.0 Threshold 964.40 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
2.0
1.0
0.0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
18
Incident Energy (eV)
92-U -236

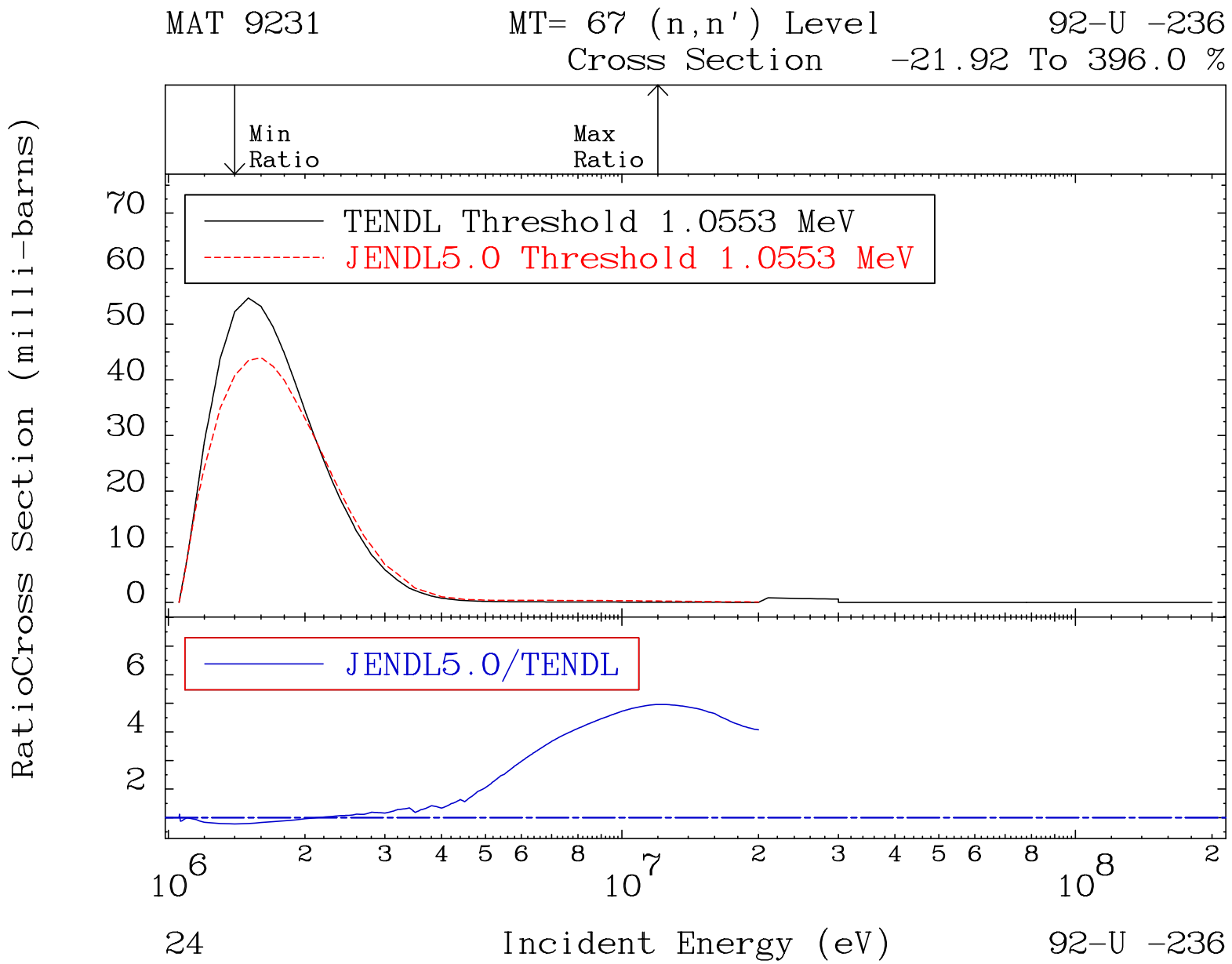

MAT 9231
MT= 62 (n,n') Level
92-U -236
Cross Section
-100.0 To 22.48 %
Min Ratio
Max Ratio
TENDL Threshold 970.75 keV
JENDL5.0 Threshold 970.75 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
1.0
0.0
10^6
2 3 4 5 6 8
10^7
2 3 4 5 6 8
10^8
2
19
Incident Energy (eV)
92-U -236

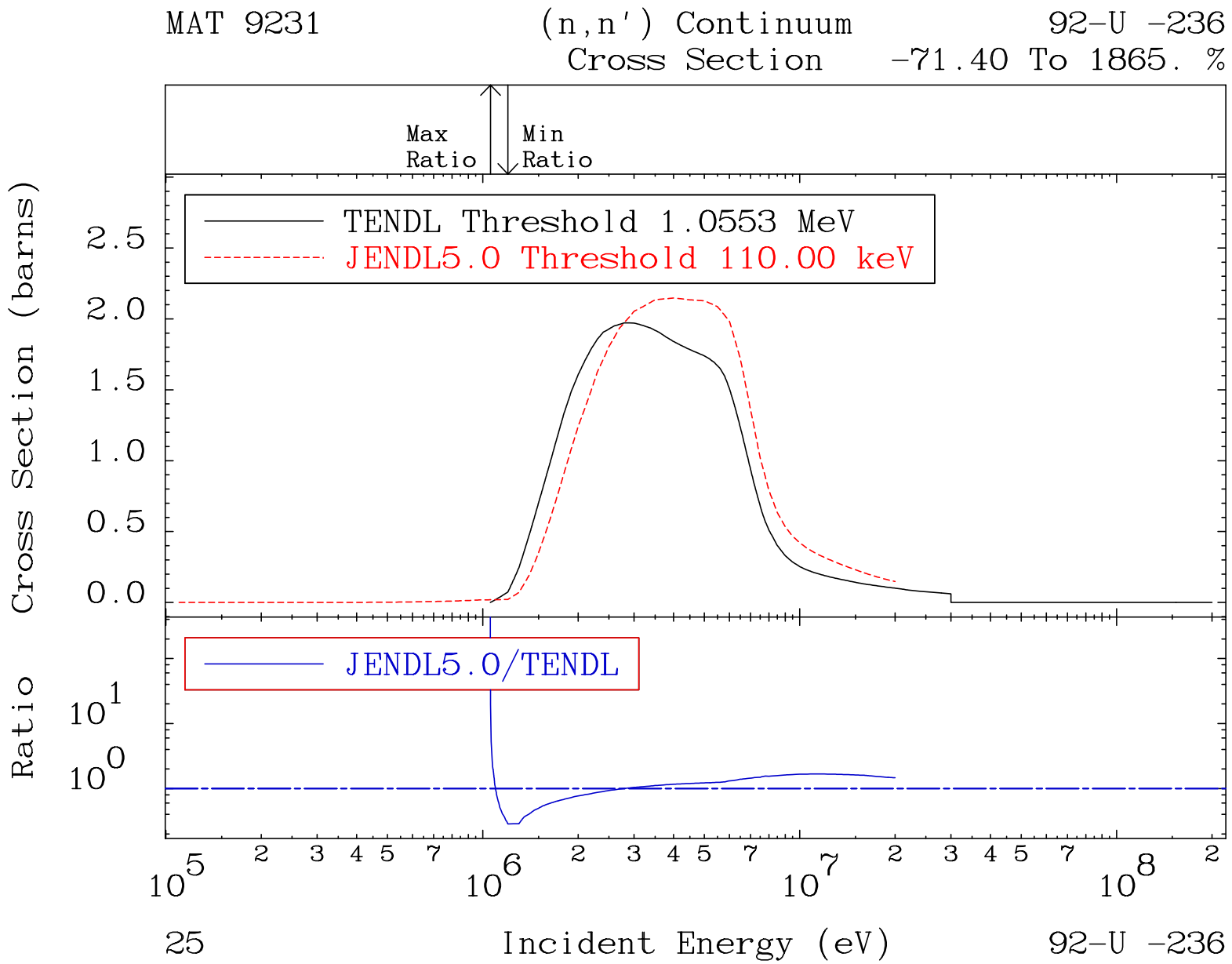

MAT 9231
MT= 63 (n,n') Level
92-U -236
Cross Section -90.30 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 991.89 keV
JENDL5.0 Threshold 991.89 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
10^{10}
10^{5}
10^{0}
10^{6}
10^{7}
10^{8}
2 3 4 5 6 8
Incident Energy (eV)
20
92-U -236

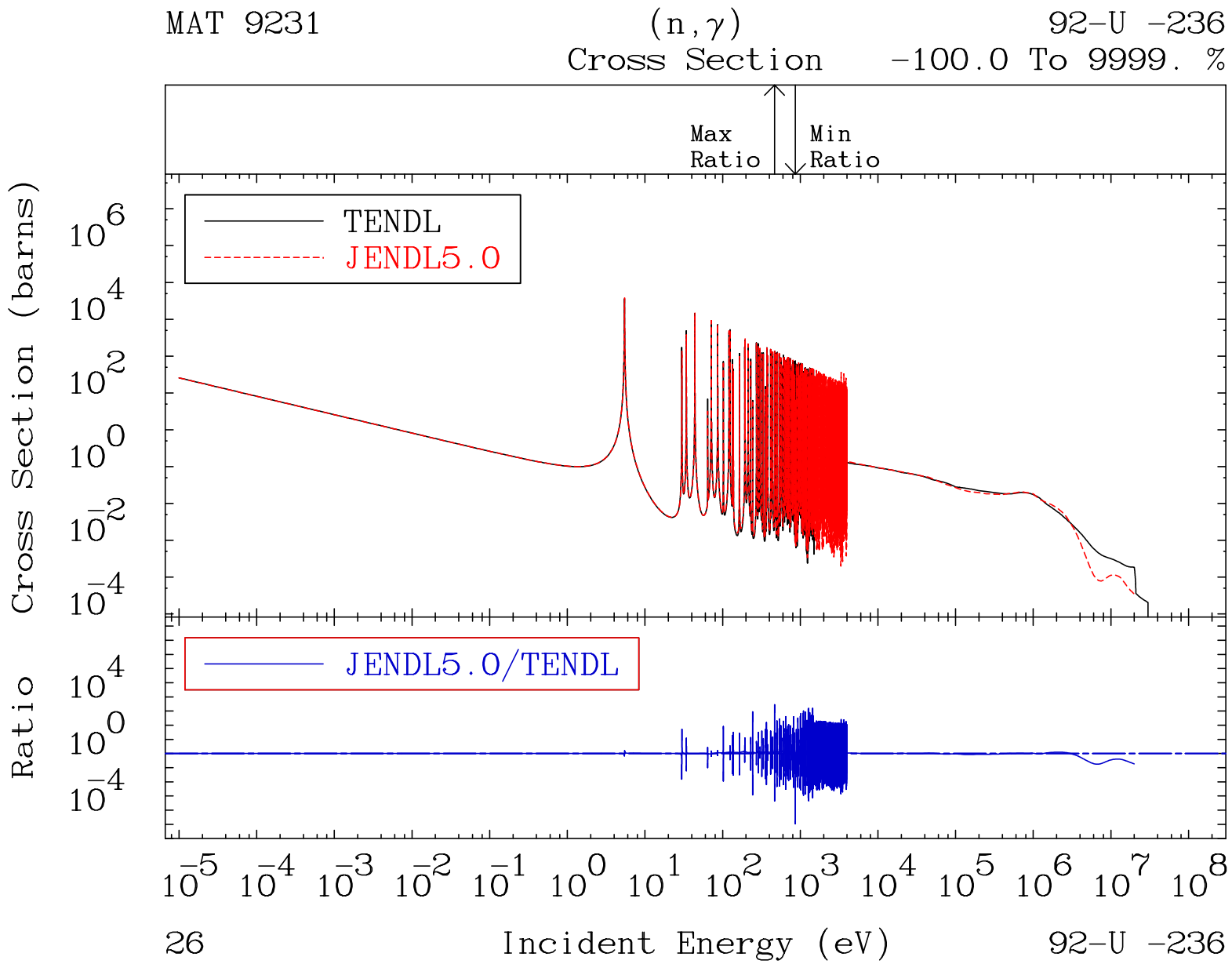

MAT 9231
MT= 64 (n,n') Level
92-U -236
Cross Section -100.0 To -24.36%
Min Ratio
Max Ratio
TENDL Threshold 1.0039 MeV
JENDL5.0 Threshold 1.0041 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
0.8
0.4
0.0
10^6
10^7
10^8
Incident Energy (eV)
21
92-U -236

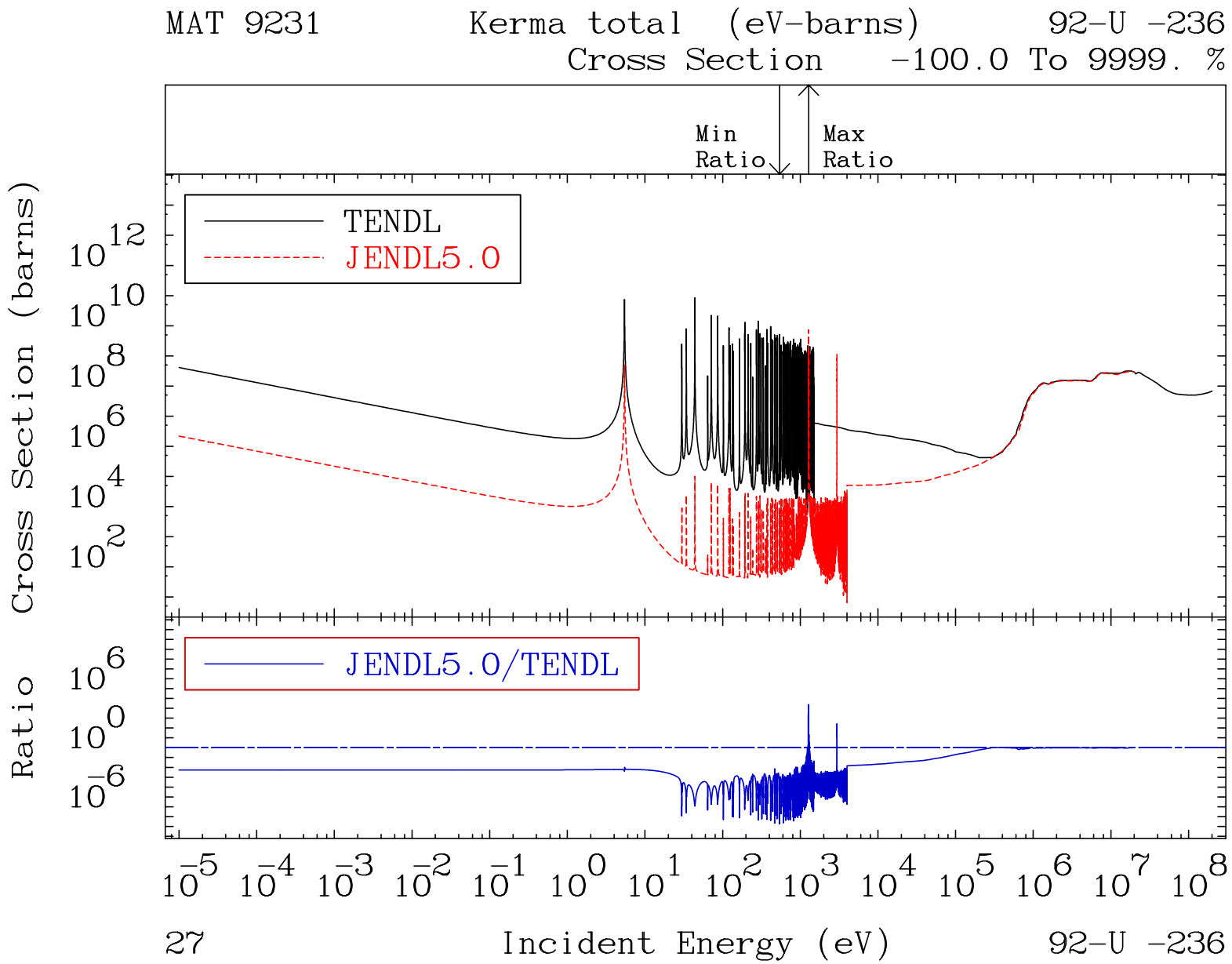

MAT 9231
MT= 65 (n,n') Level
92-U -236
Cross Section -84.10 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.0058 MeV
JENDL5.0 Threshold 1.0058 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
10^10
10^5
10^0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
22
Incident Energy (eV)
92-U -236

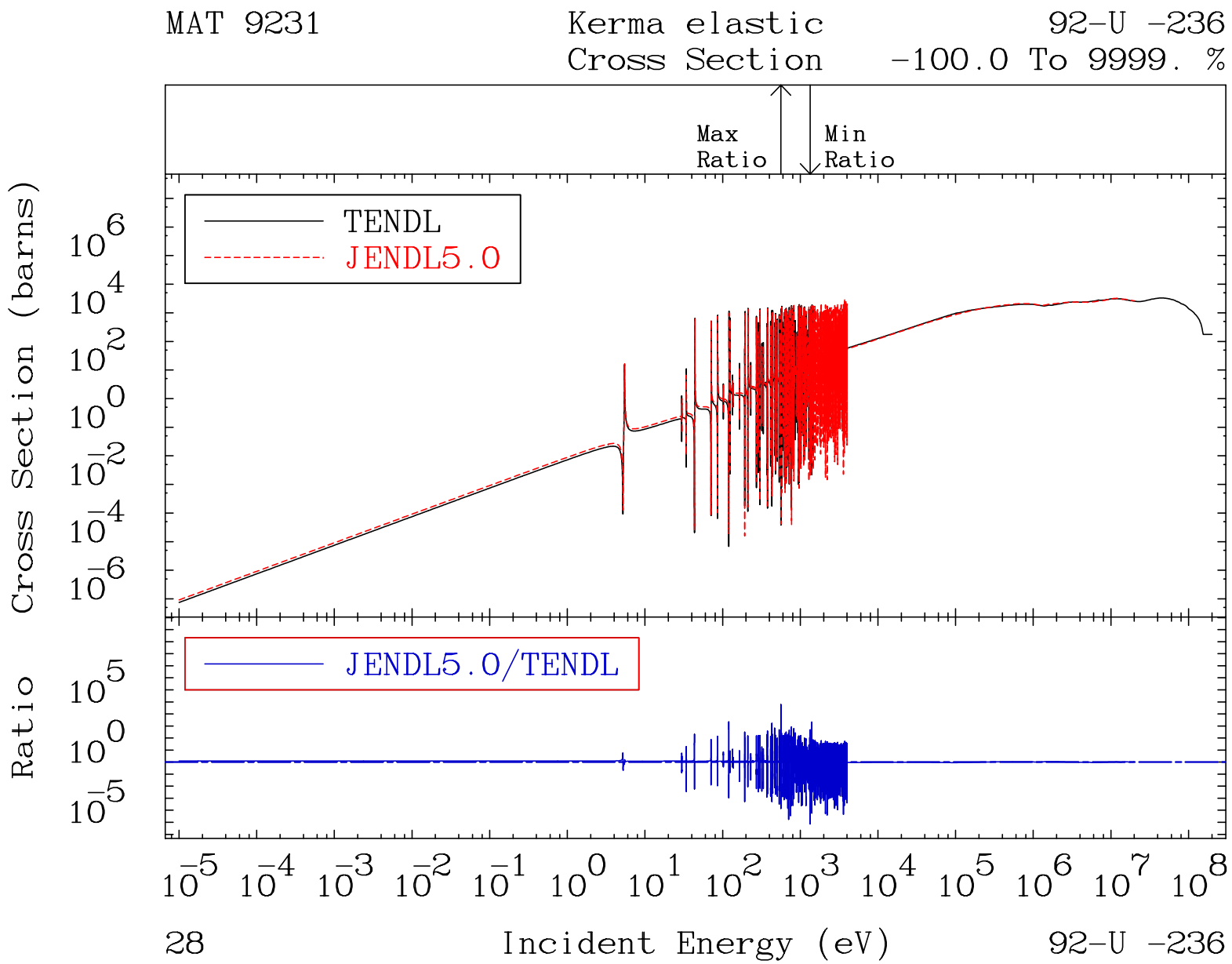

MAT 9231
MT= 66 (n,n') Level
92-U -236
Cross Section
-100.0 To 54.17 %
Max
Ratio
TENDL Threshold 1.0400 MeV
JENDL5.0 Threshold 1.0400 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
2.0
1.0
0.0
10^6
10^7
10^8
Incident Energy (eV)
23
92-U -236

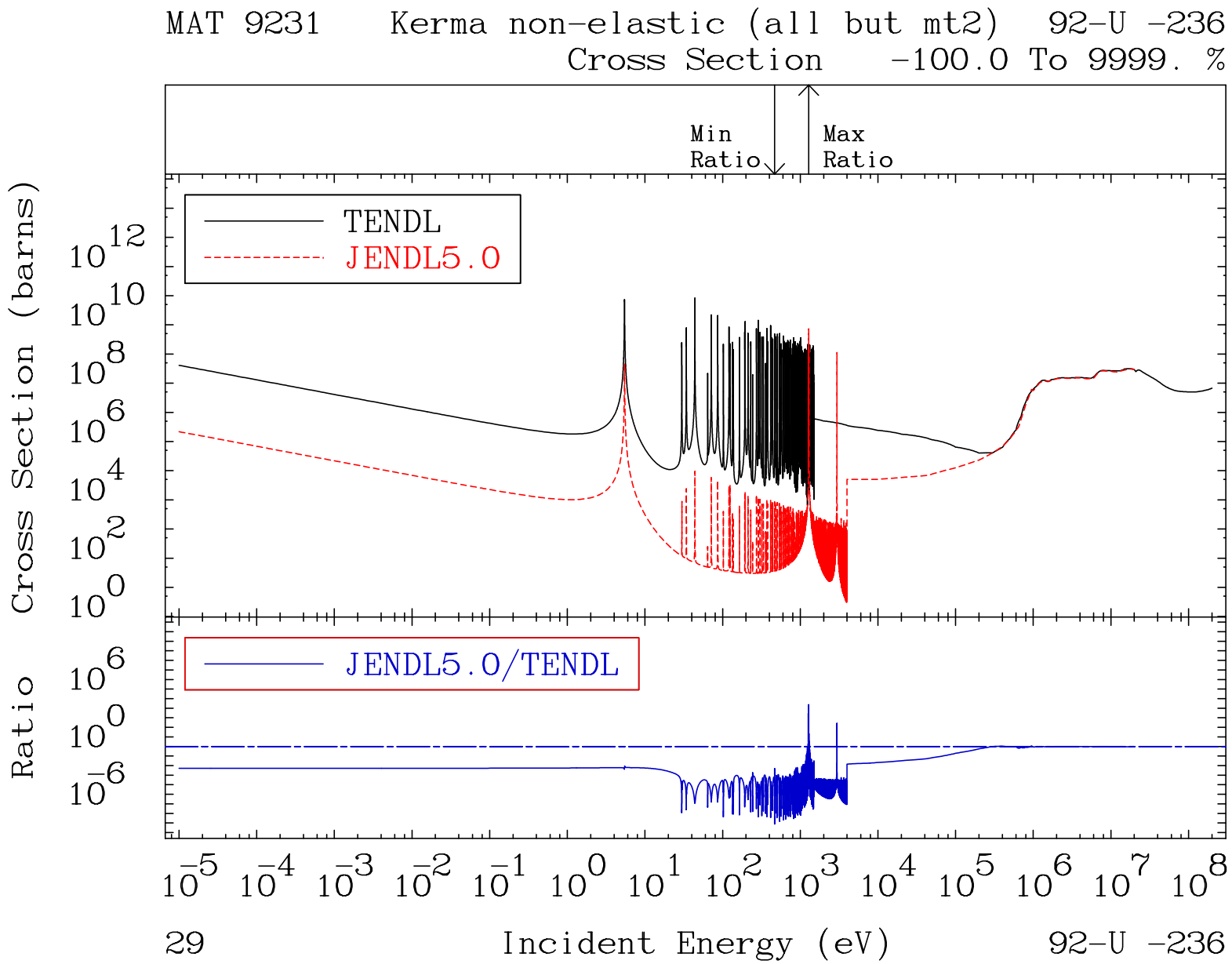

MAT 9231
MT= 67 (n,n') Level
92-U -236
Cross Section -21.92 To 396.0 %
Min Ratio
Max Ratio
TENDL Threshold 1.0553 MeV
JENDL5.0 Threshold 1.0553 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
70
60
50
40
30
20
10
0
6
4
2
2
3
4
5
6
8
2
3
4
5
6
8
2
10^6
10^7
10^8
24
Incident Energy (eV)
92-U -236

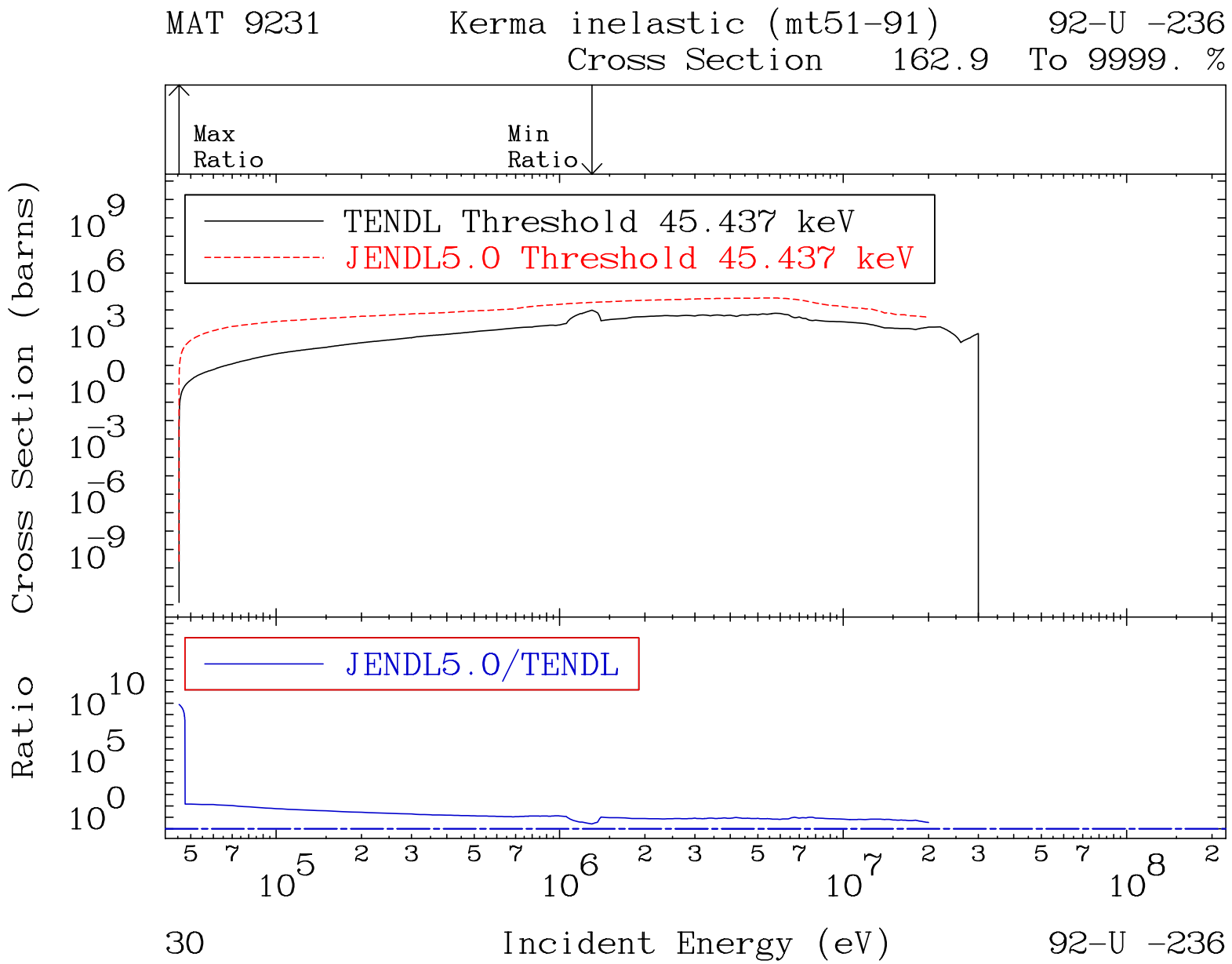

MAT 9231
(n,n') Continuum
Cross Section
92-U -236
-71.40 To 1865. %
Max Ratio
Min Ratio
TENDL Threshold 1.0553 MeV
JENDL5.0 Threshold 110.00 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
JENDL5.0/TENDL
Ratio
10^1
10^0
10^5
10^6
10^7
10^8
Incident Energy (eV)
25
92-U -236

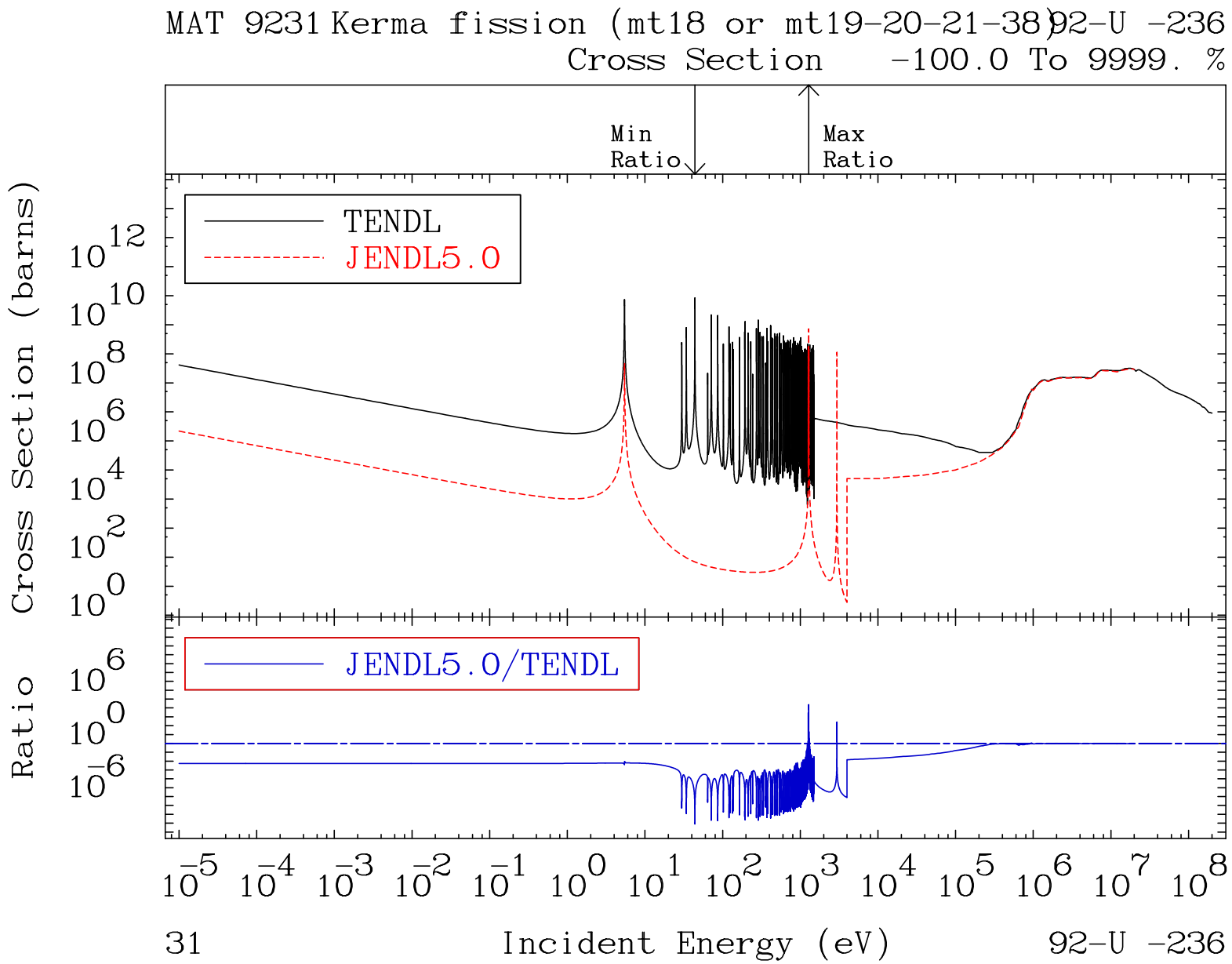

MAT 9231
(n,γ)
Cross Section
92-U -236
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
26
92-U -236

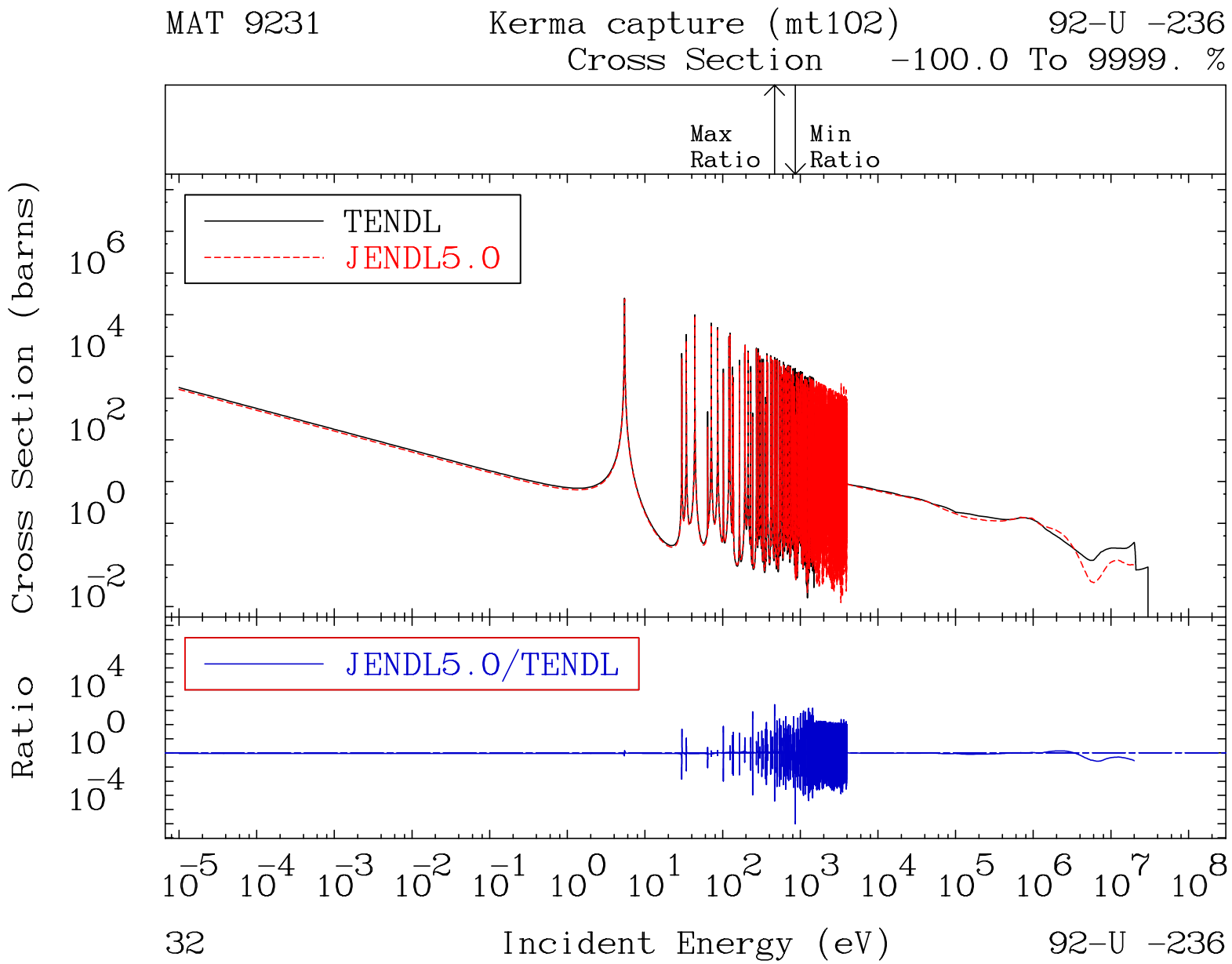

MAT 9231
Kerma total (eV-barns)
92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
27
92-U -236

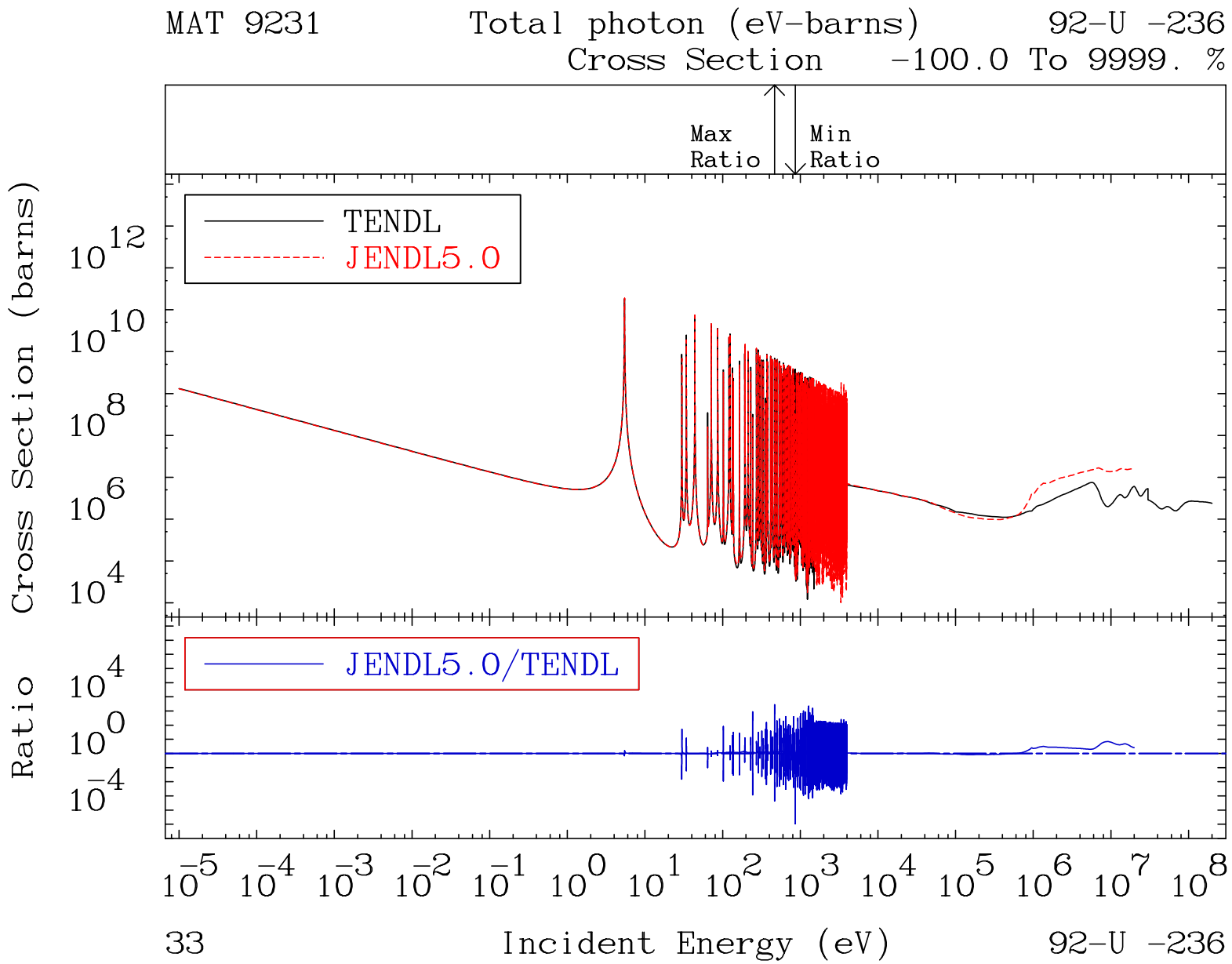

MAT 9231
Kerma elastic
Cross Section
92-U -236
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
28
92-U -236

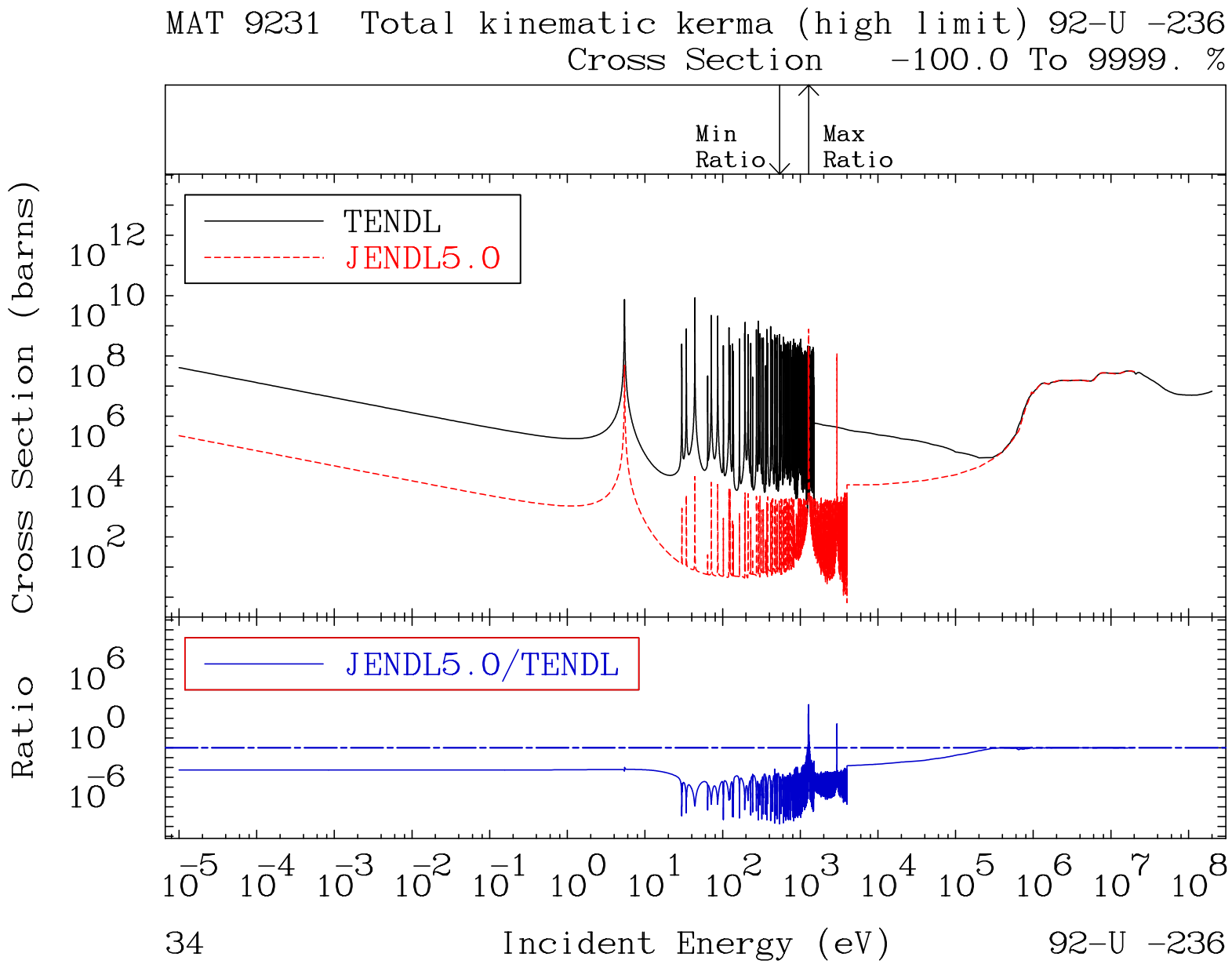

MAT 9231 Kerma non-elastic (all but mt2) 92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
29
92-U -236

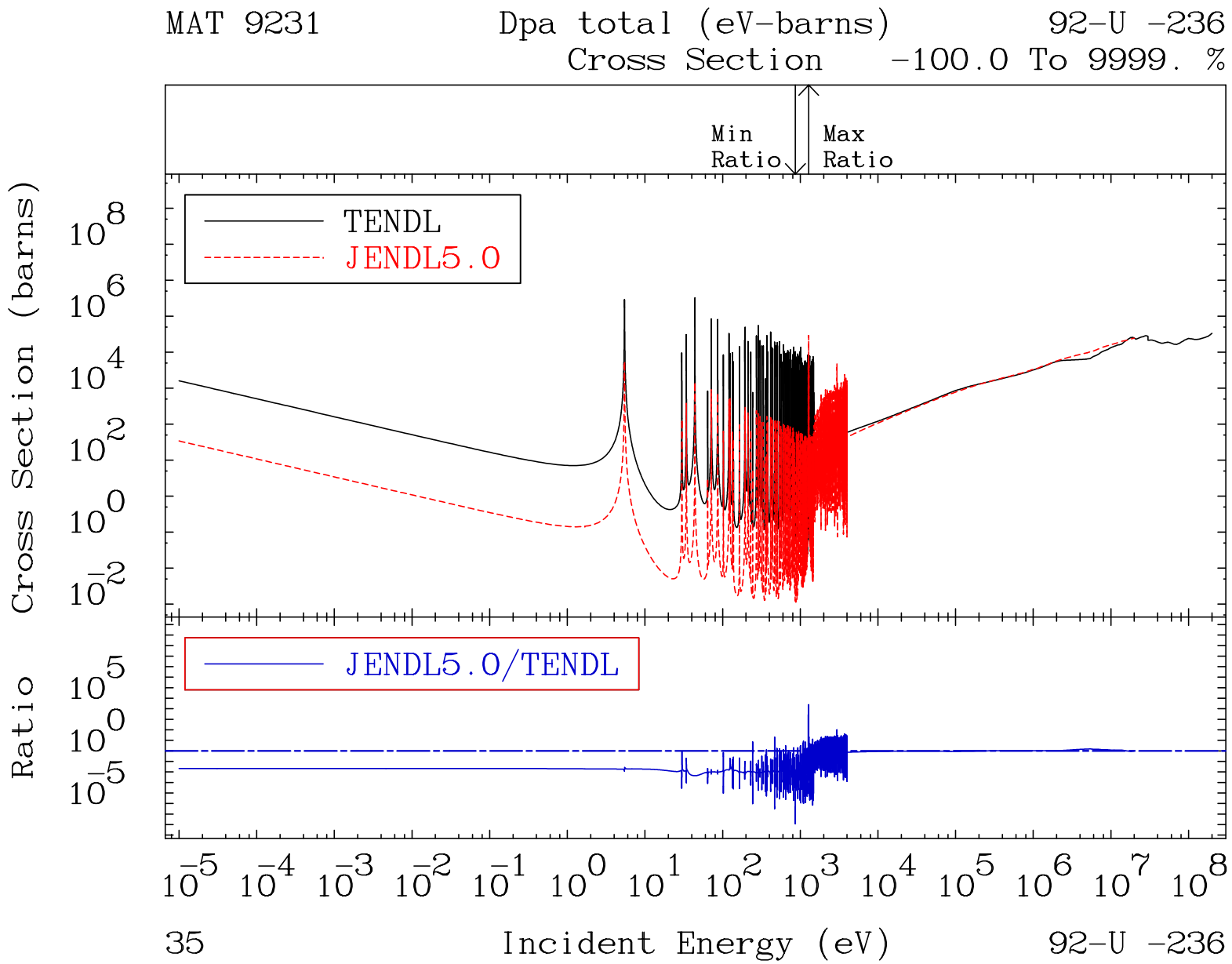

MAT 9231
Kerma inelastic (mt51-91)
92-U -236
Cross Section 162.9 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 45.437 keV
JENDL5.0 Threshold 45.437 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
30
92-U -236

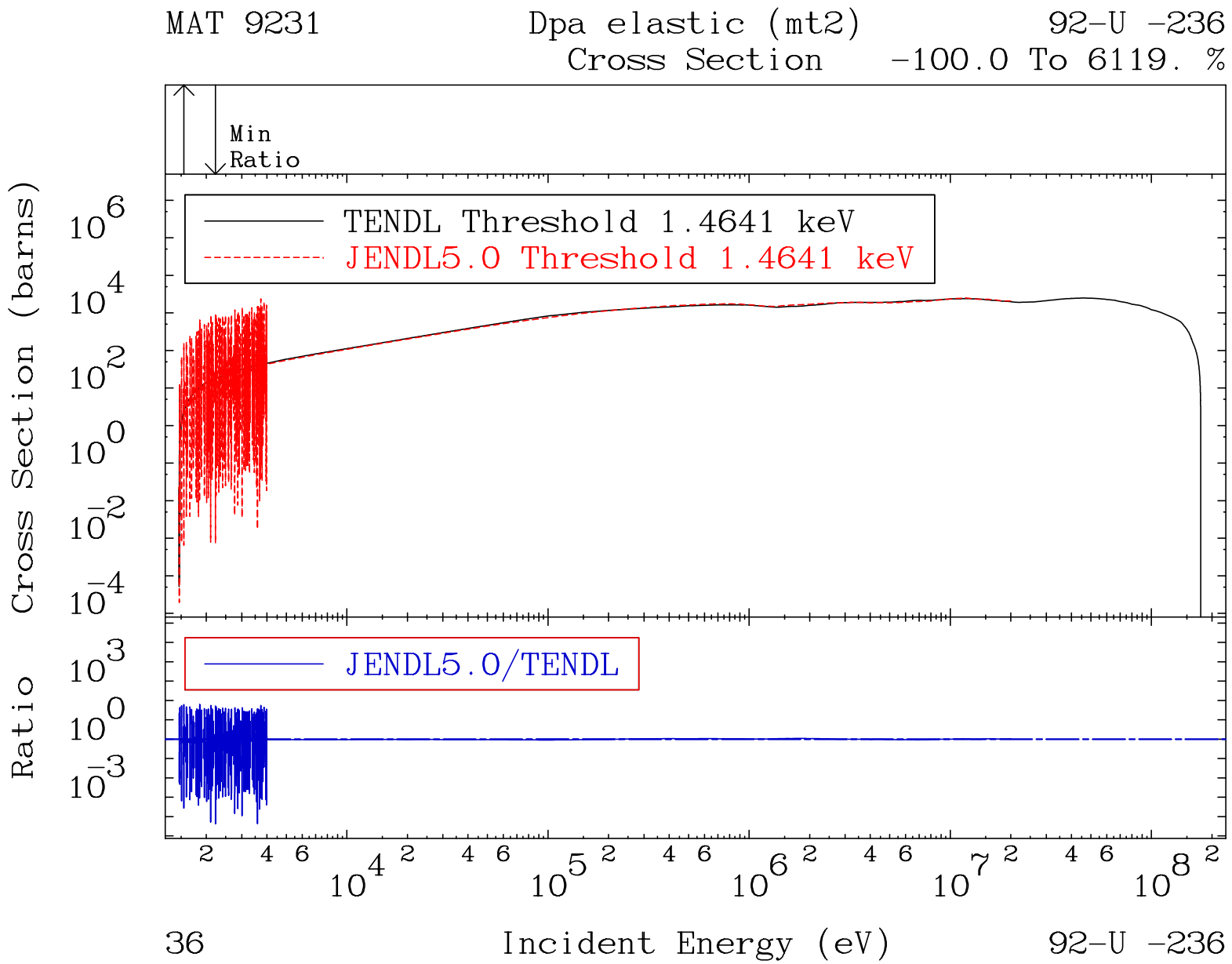

MAT 9231 Kerma fission (mt18 or mt19-20-21-38) 92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
31
92-U -236

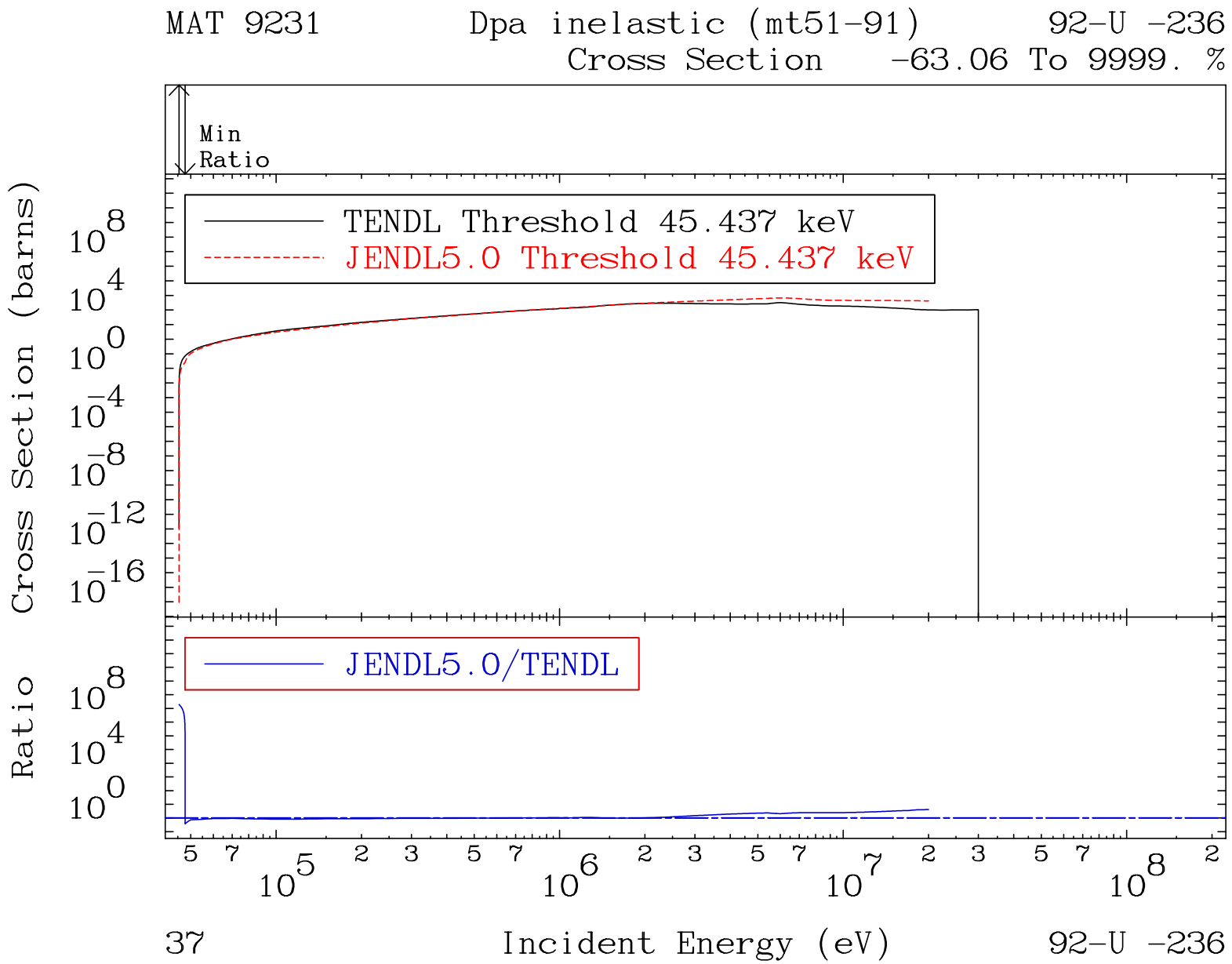

MAT 9231
Kerma capture (mt102)
92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
32
92-U -236

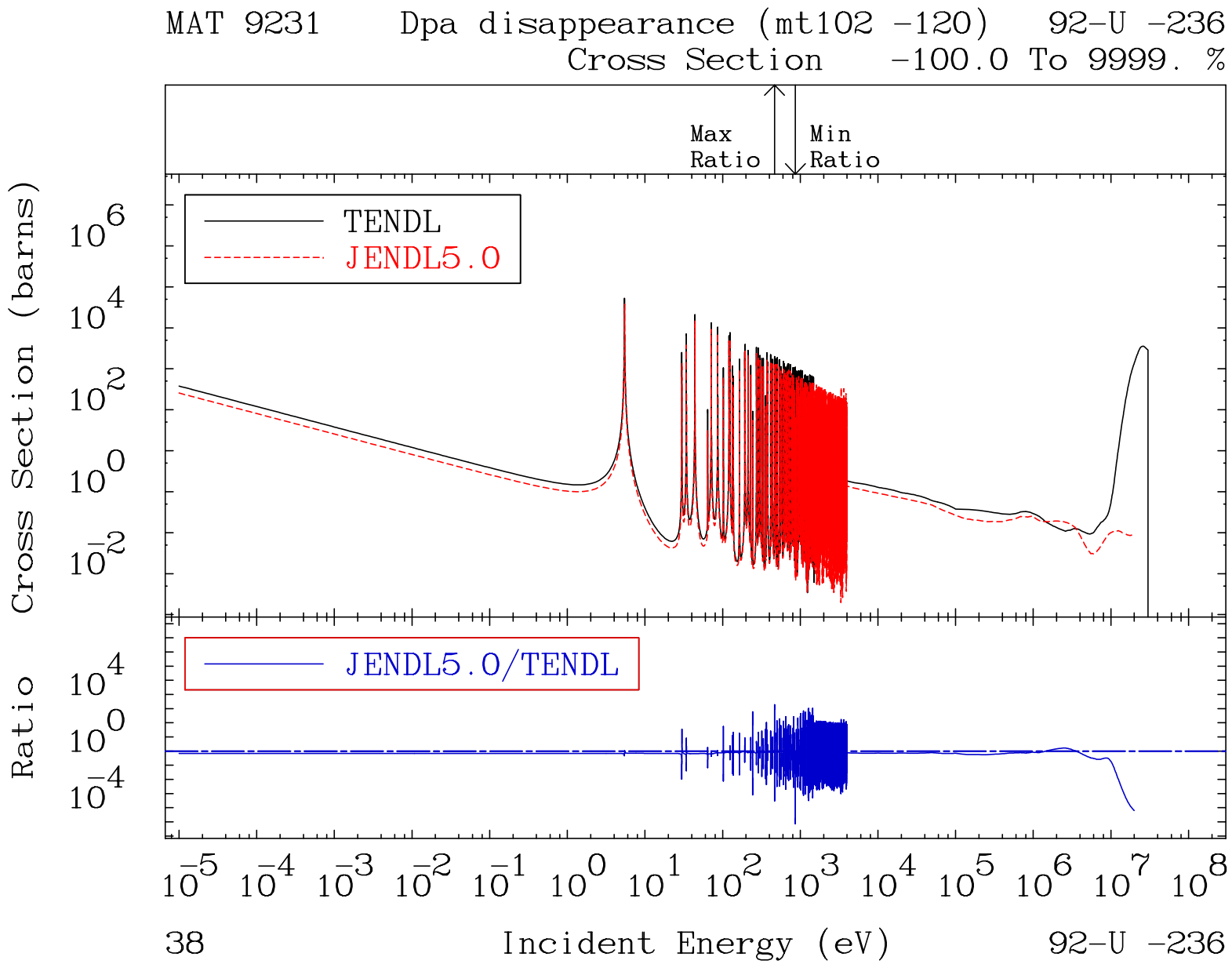

MAT 9231
Total photon (eV-barns)
92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
33
Incident Energy (eV)
92-U -236

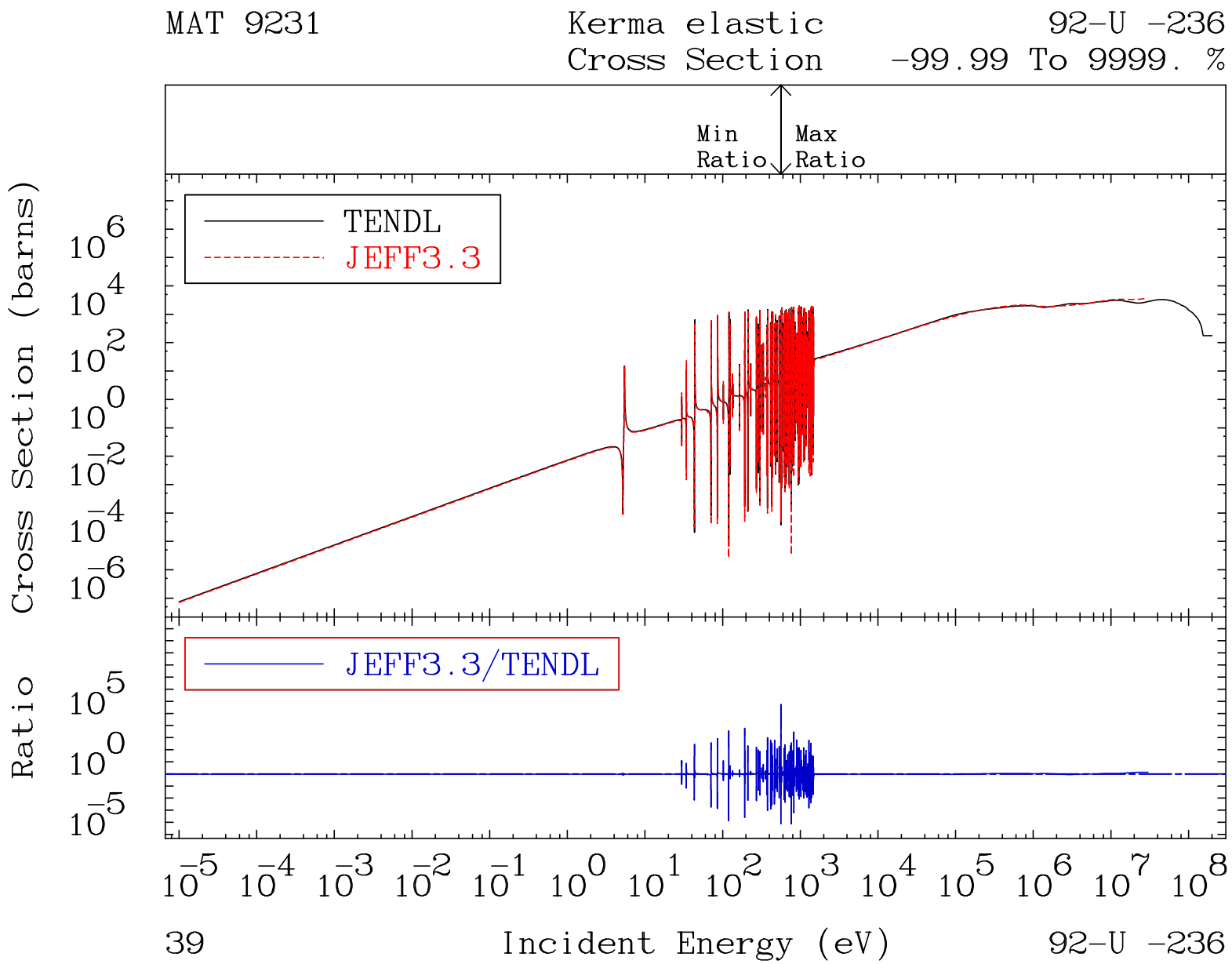

MAT 9231 Total kinematic kerma (high limit) 92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
34
92-U -236

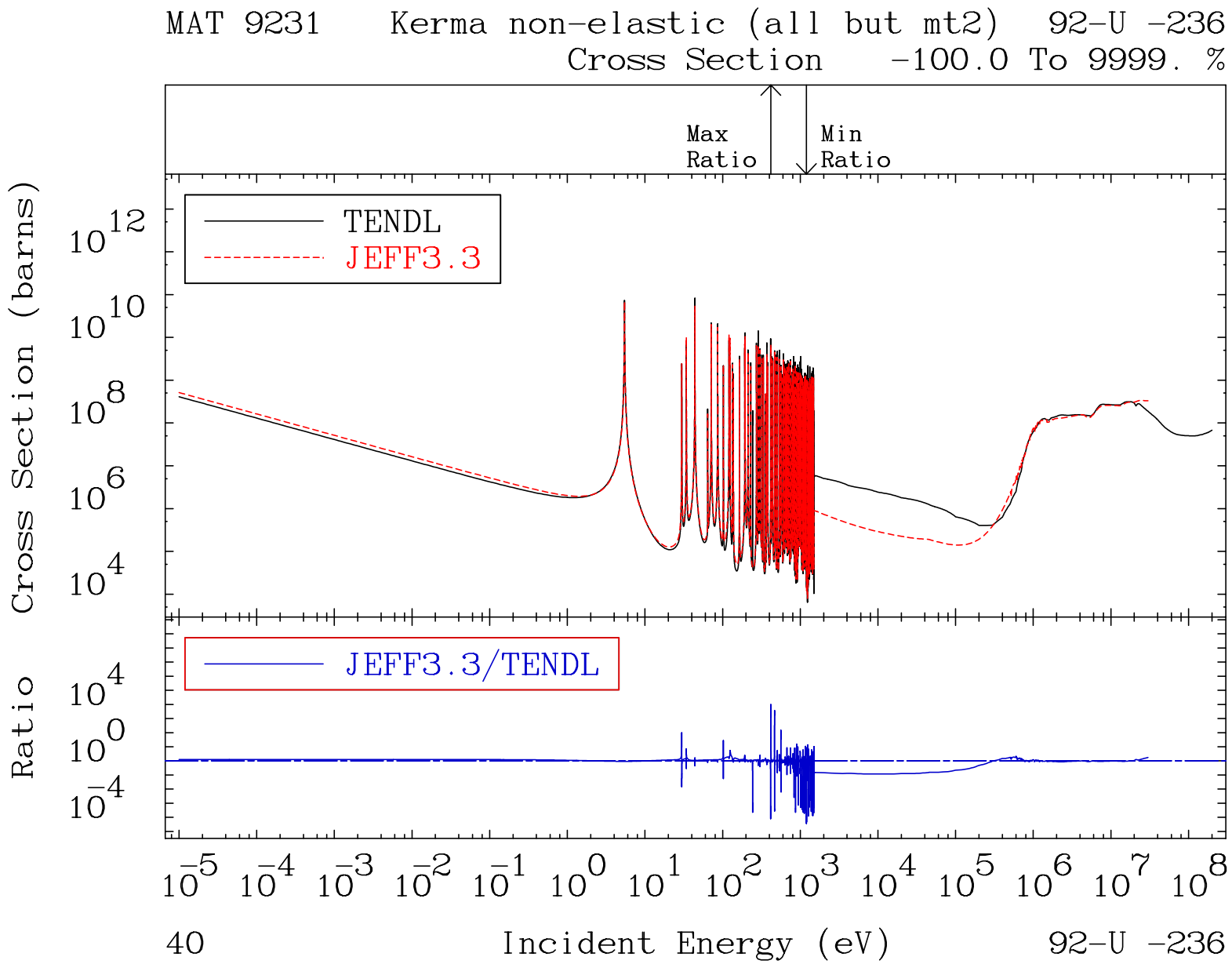

MAT 9231
Dpa total (eV-barns)
92-U -236
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
35
92-U -236

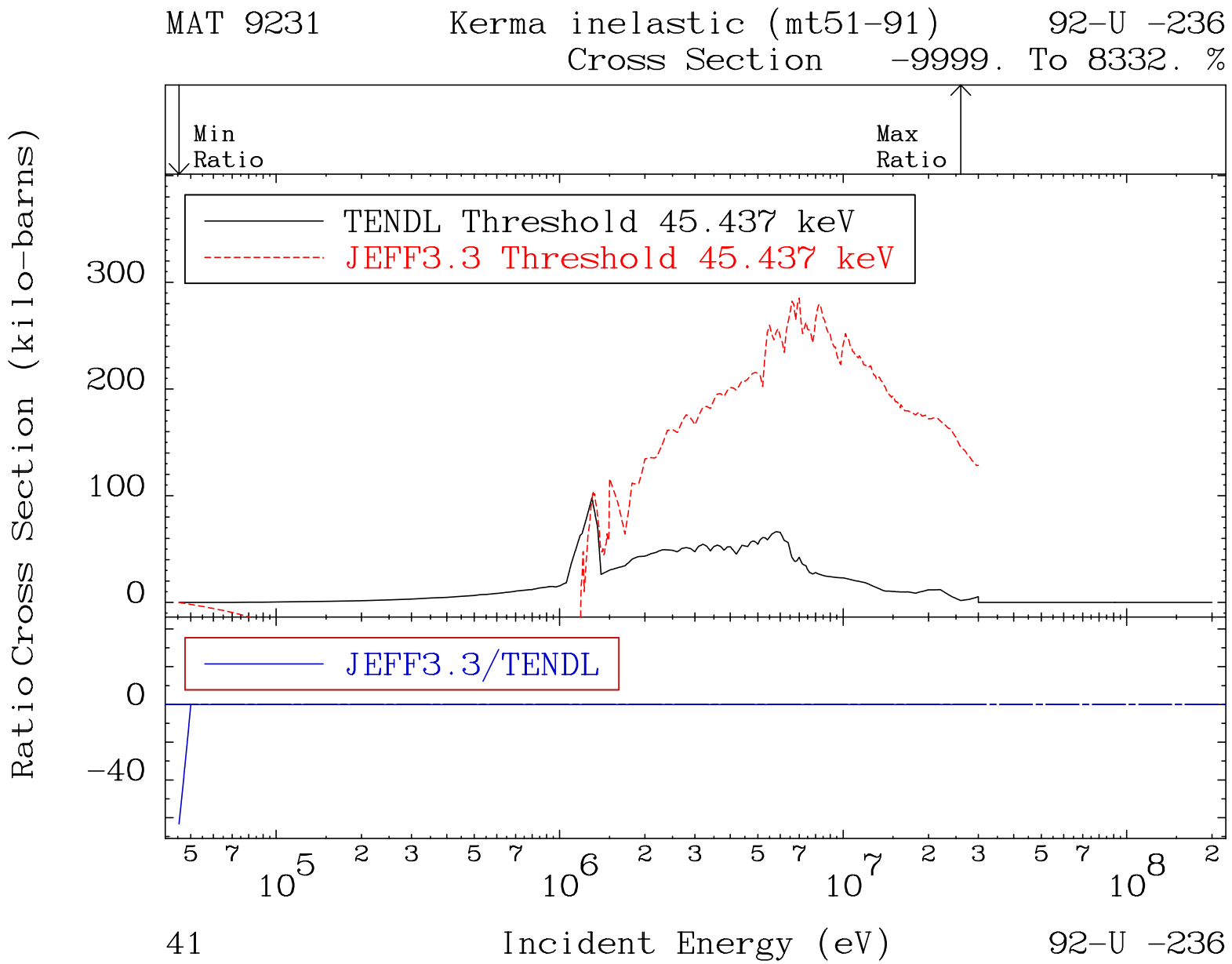

MAT 9231
Dpa elastic (mt2)
Cross Section
92-U -236
-100.0 To 6119. %
Min
Ratio
TENDL Threshold 1.4641 keV
JENDL5.0 Threshold 1.4641 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
36
92-U -236

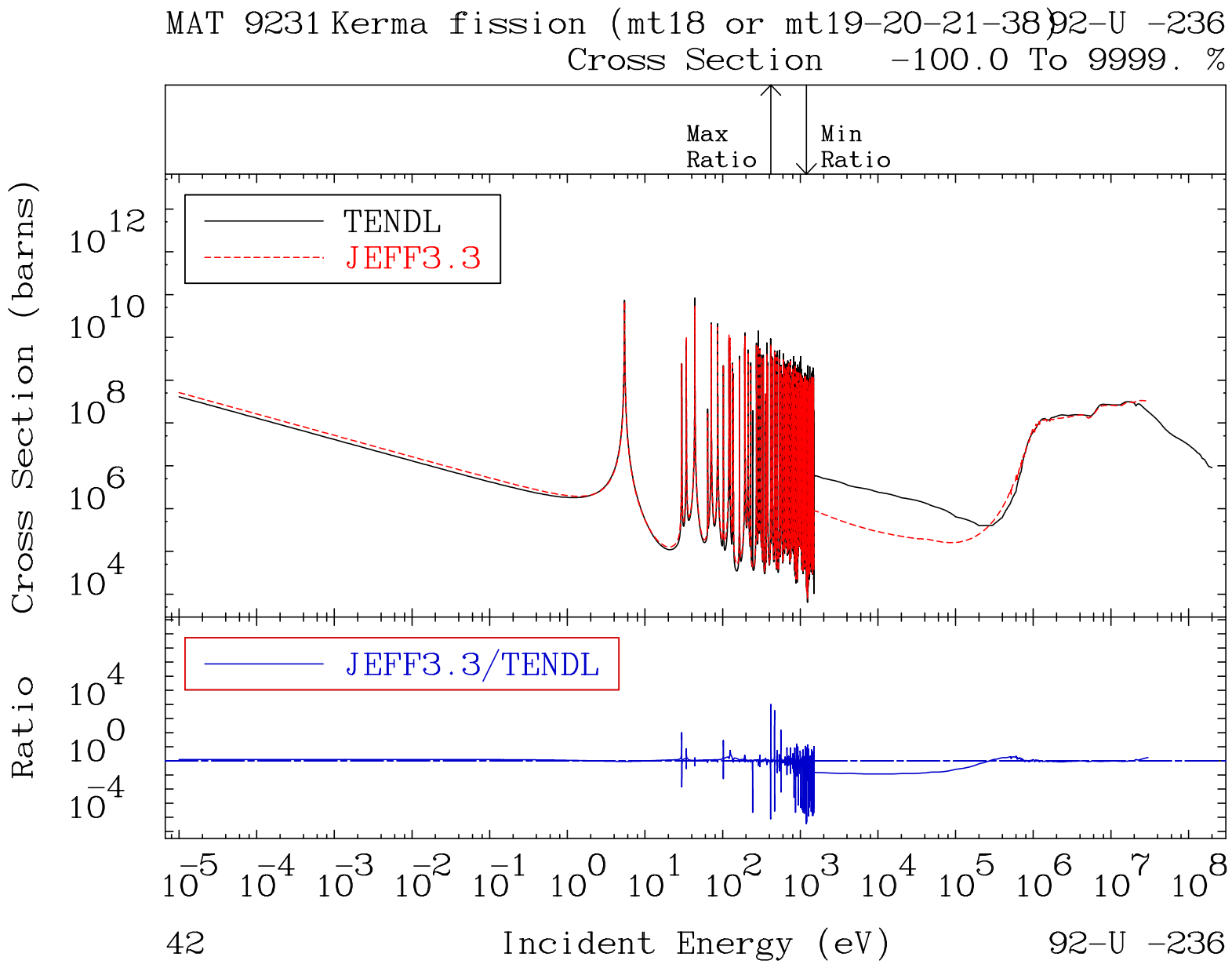

MAT 9231
Dpa inelastic (mt51-91)
92-U -236
Cross Section -63.06 To 9999. %
Min
Ratio
TENDL Threshold 45.437 keV
JENDL5.0 Threshold 45.437 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
37
92-U -236

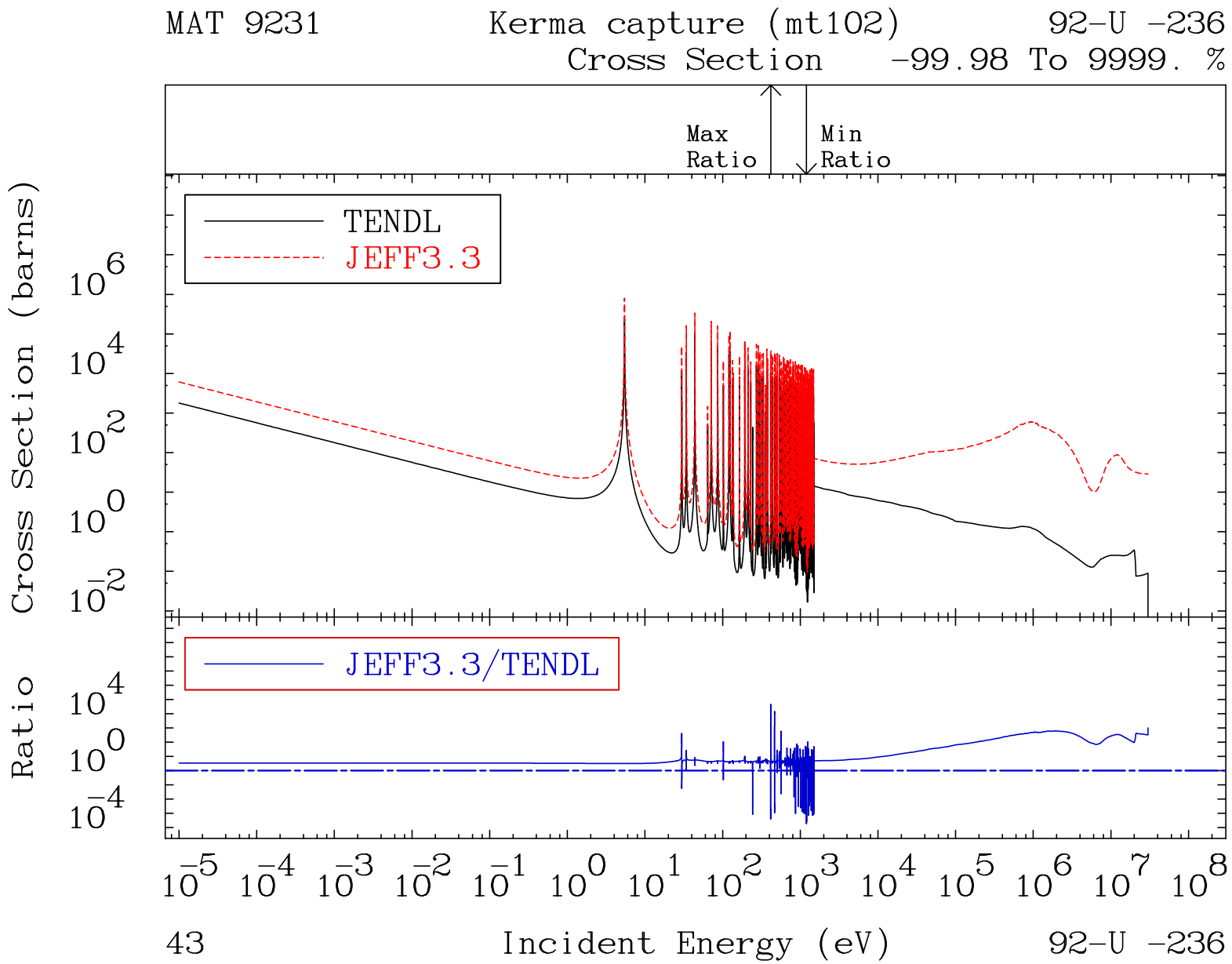

MAT 9231 Dpa disappearance (mt102 -120) 92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
38
92-U -236

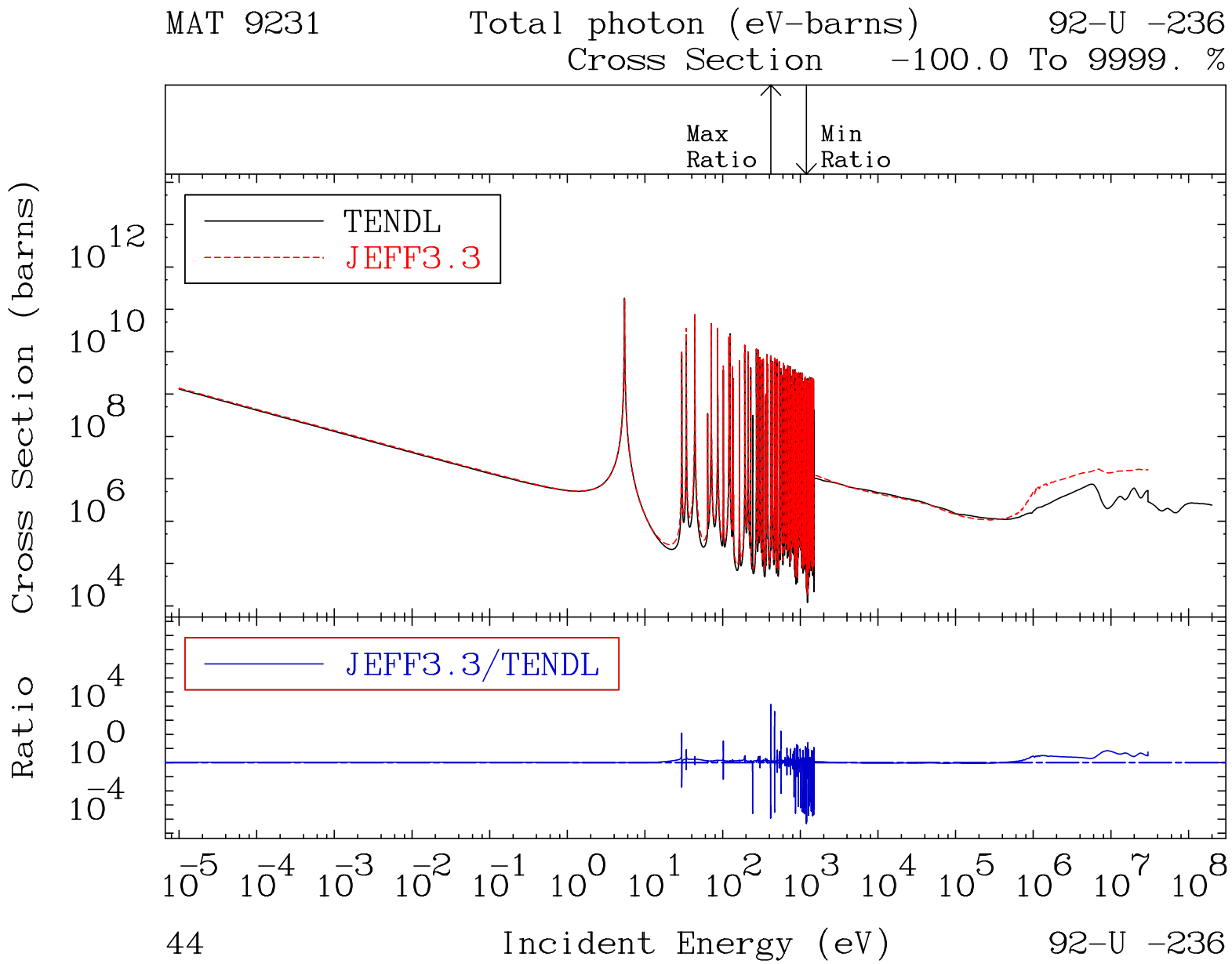

MAT 9231
Kerma elastic
Cross Section
92-U -236
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
39
92-U -236

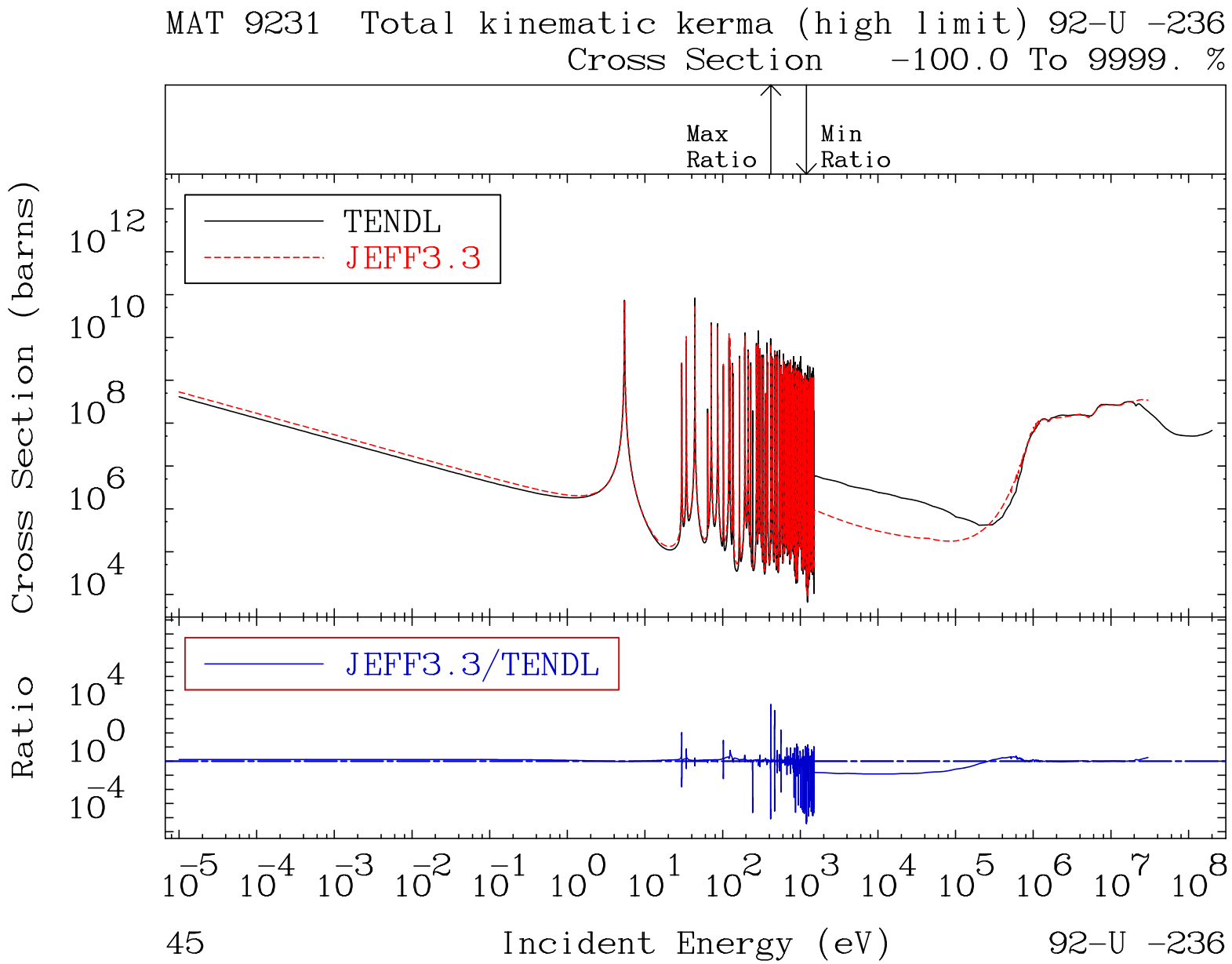

MAT 9231 Kerma non-elastic (all but mt2) 92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
40
92-U -236

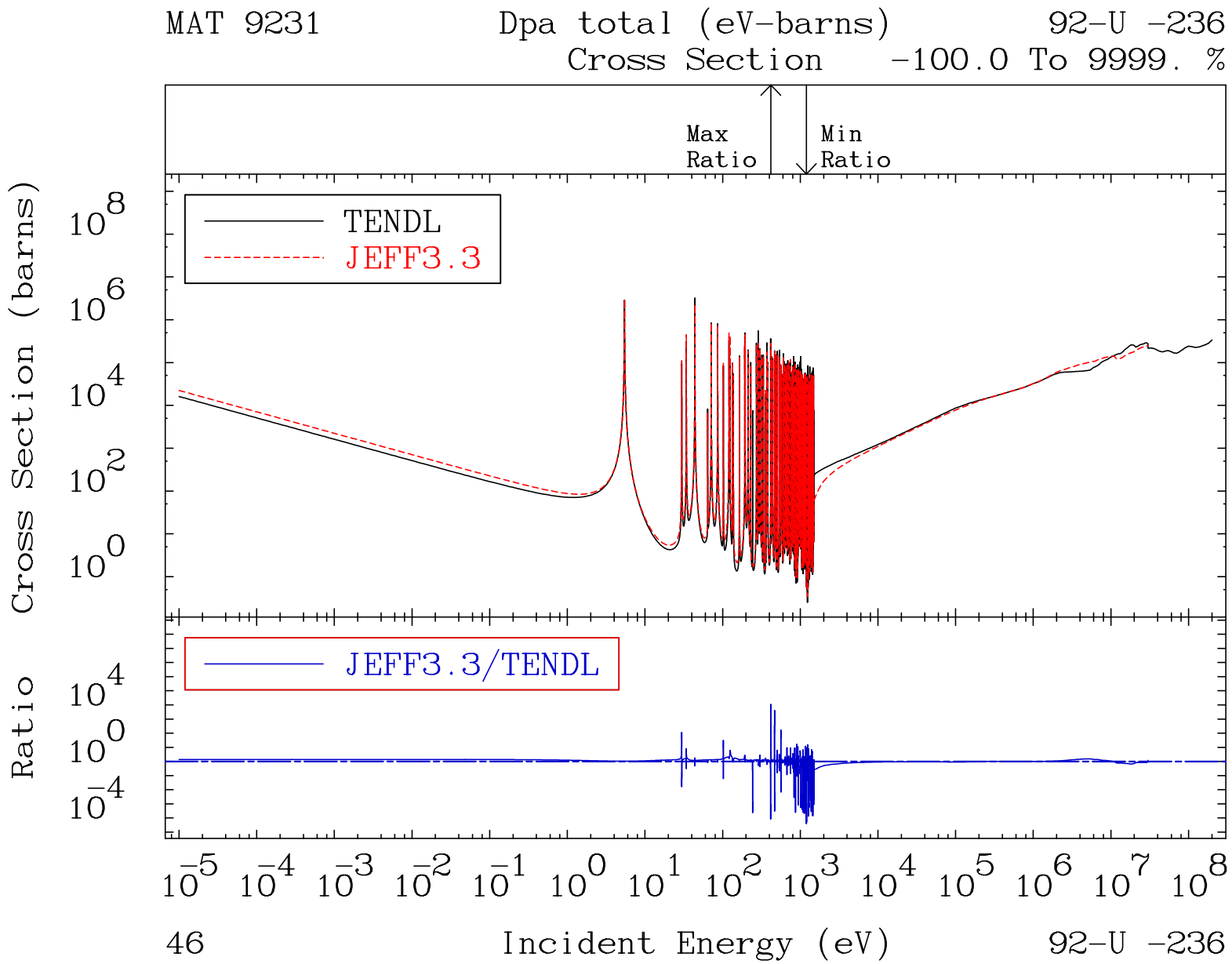

MAT 9231
Kerma inelastic (mt51-91)
92-U -236
Cross Section -9999. To 8332. %
Min Ratio
Max Ratio
TENDL Threshold 45.437 keV
JEFF3.3 Threshold 45.437 keV
JEFF3.3/TENDL
Ratio Cross Section (kilo-barns)
300
200
100
0
0
-40
5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
41
Incident Energy (eV)
92-U -236

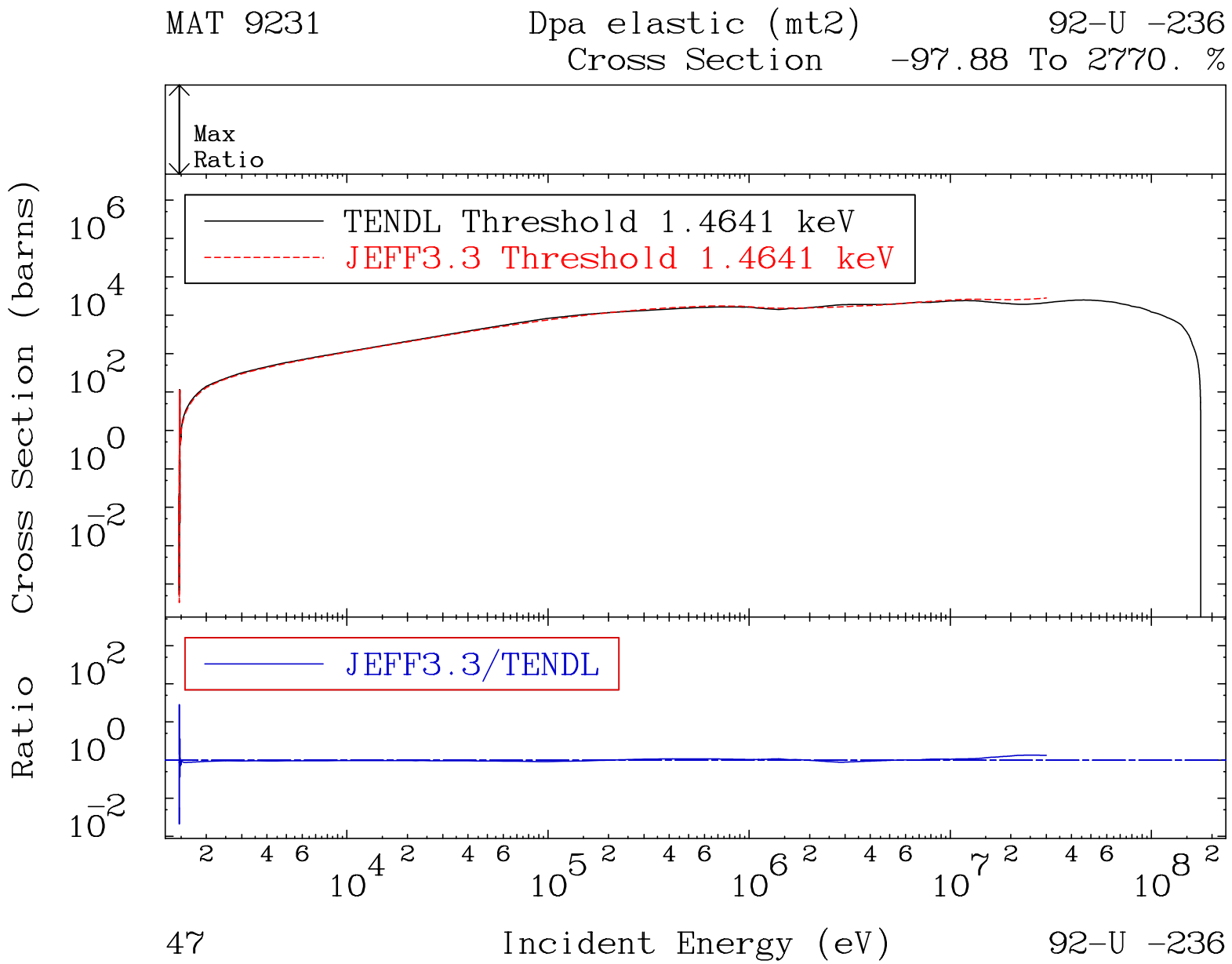

MAT 9231 Kerma fission (mt18 or mt19-20-21-38) 92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
42
92-U -236

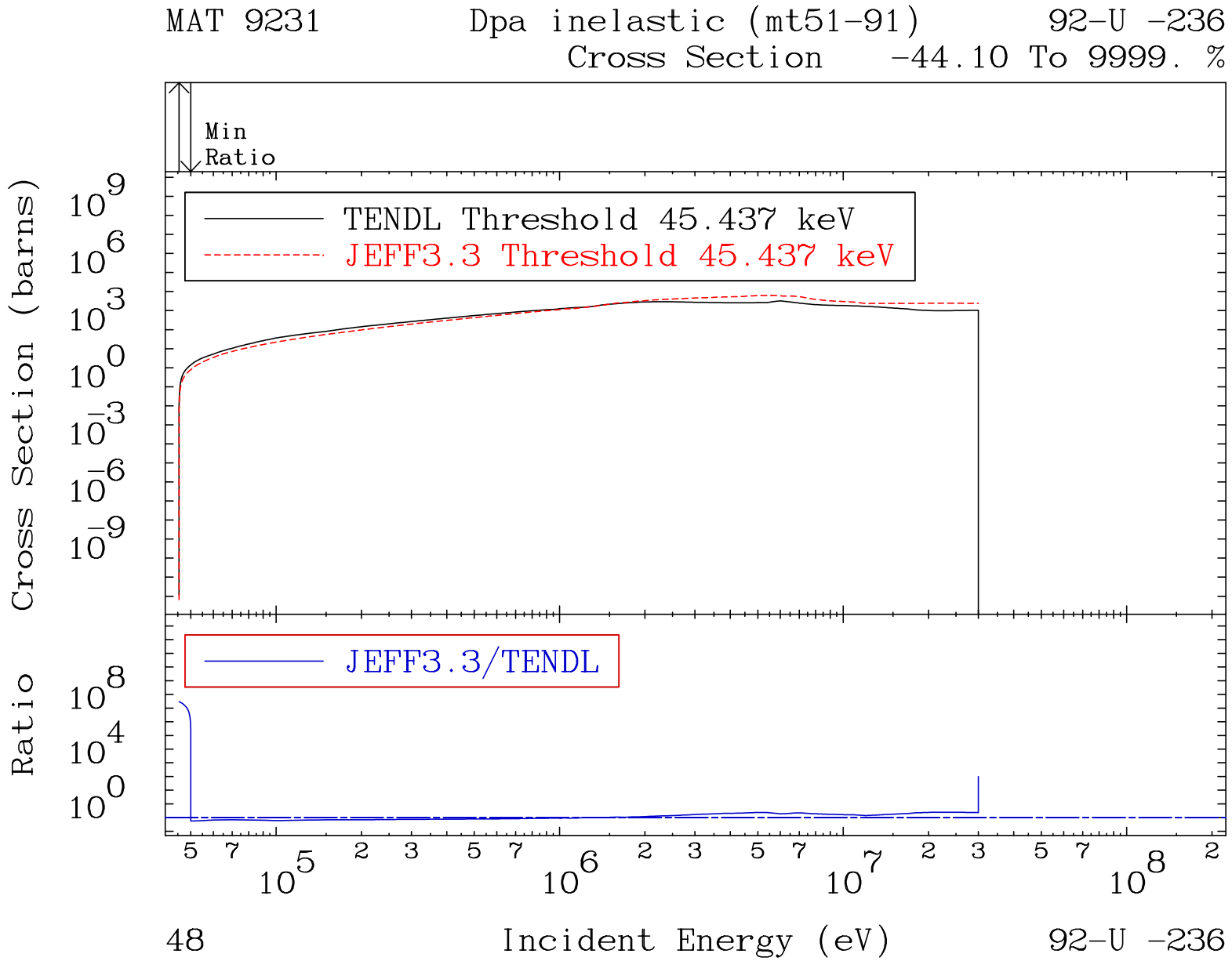

MAT 9231
Kerma capture (mt102)
92-U -236
Cross Section -99.98 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
43
92-U -236

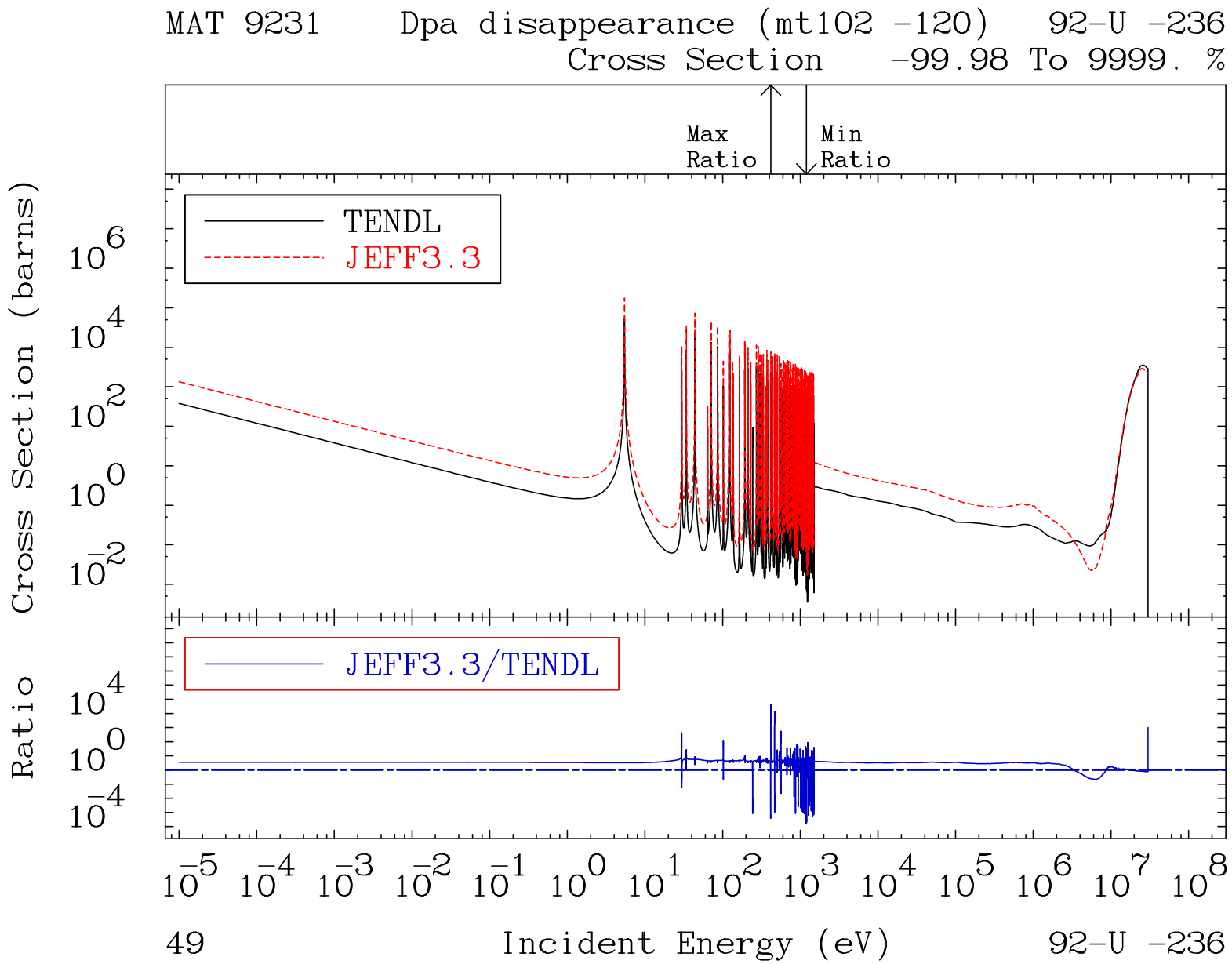

MAT 9231
Total photon (eV-barns)
92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
44
92-U -236


MAT 9231 Total kinematic kerma (high limit) 92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
45
92-U -236


MAT 9231
Dpa total (eV-barns)
92-U -236
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
46
92-U -236


MAT 9231
Dpa elastic (mt2)
Cross Section
92-U -236
-97.88 To 2770. %
Max
Ratio
TENDL Threshold 1.4641 keV
JEFF3.3 Threshold 1.4641 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
47
92-U -236


MAT 9231
Dpa inelastic (mt51-91)
92-U -236
Cross Section -44.10 To 9999. %
Min
Ratio
TENDL Threshold 45.437 keV
JEFF3.3 Threshold 45.437 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
48
92-U -236


MAT 9231 Dpa disappearance (mt102 -120) 92-U -236
Cross Section -99.98 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
49
92-U -236