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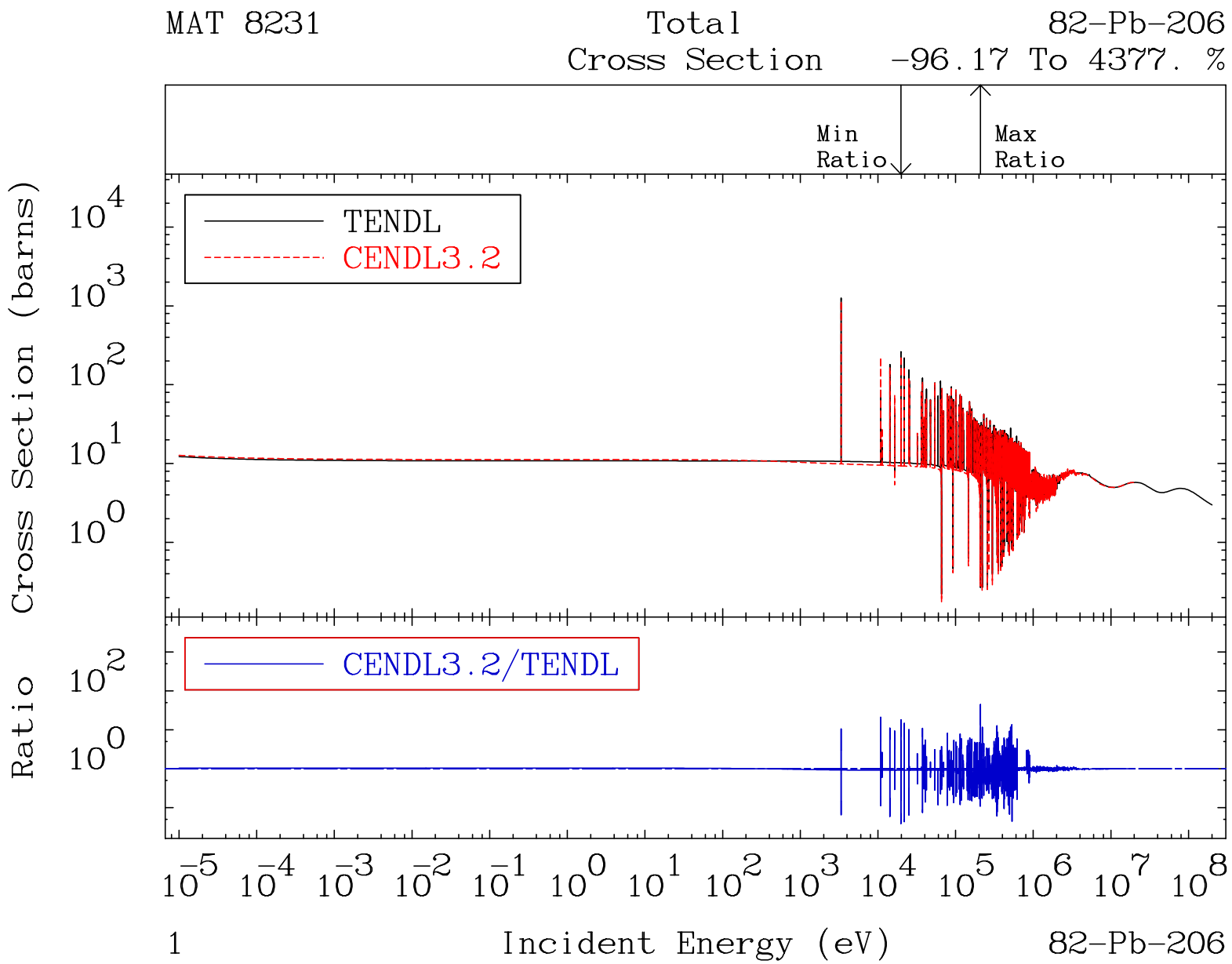
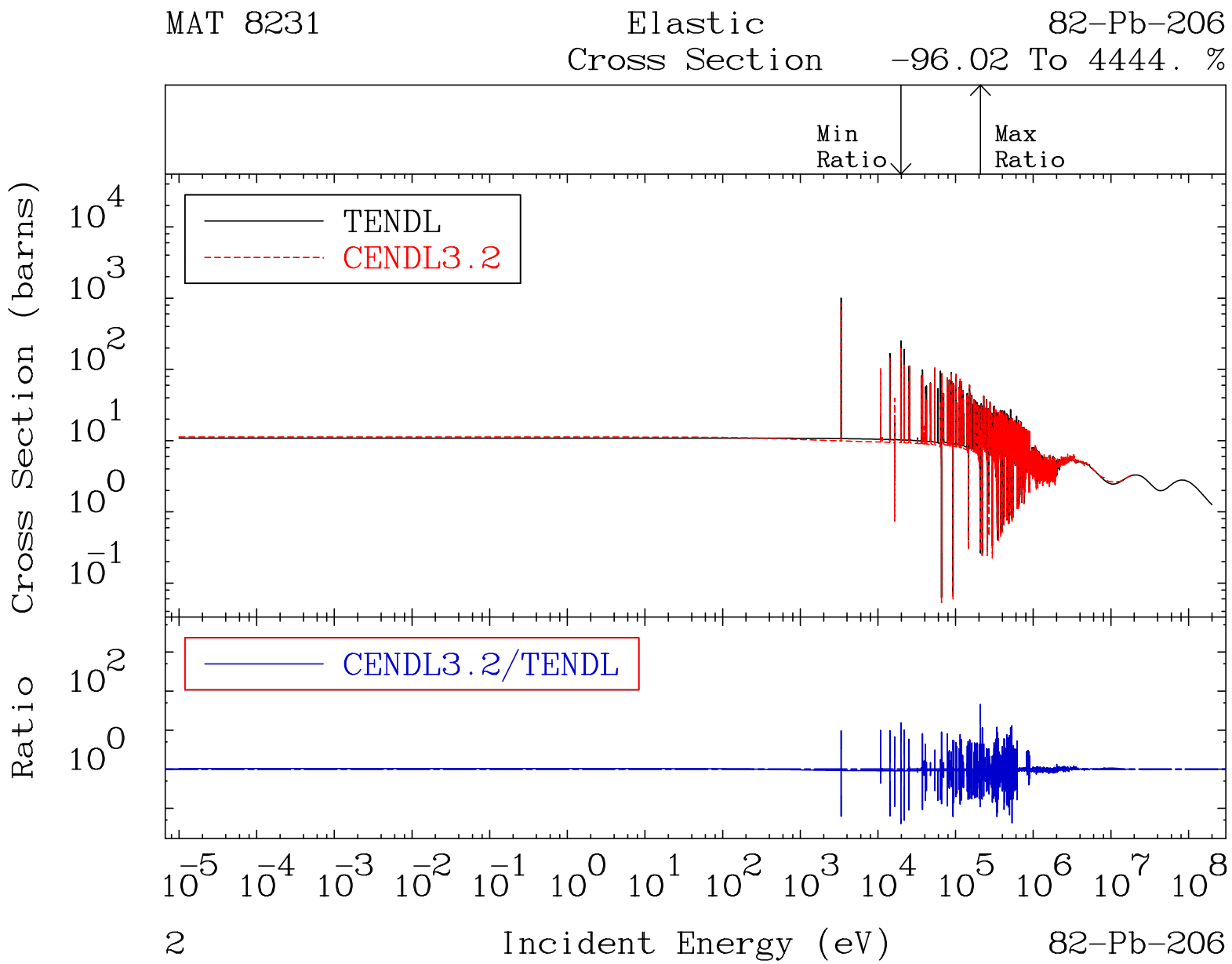
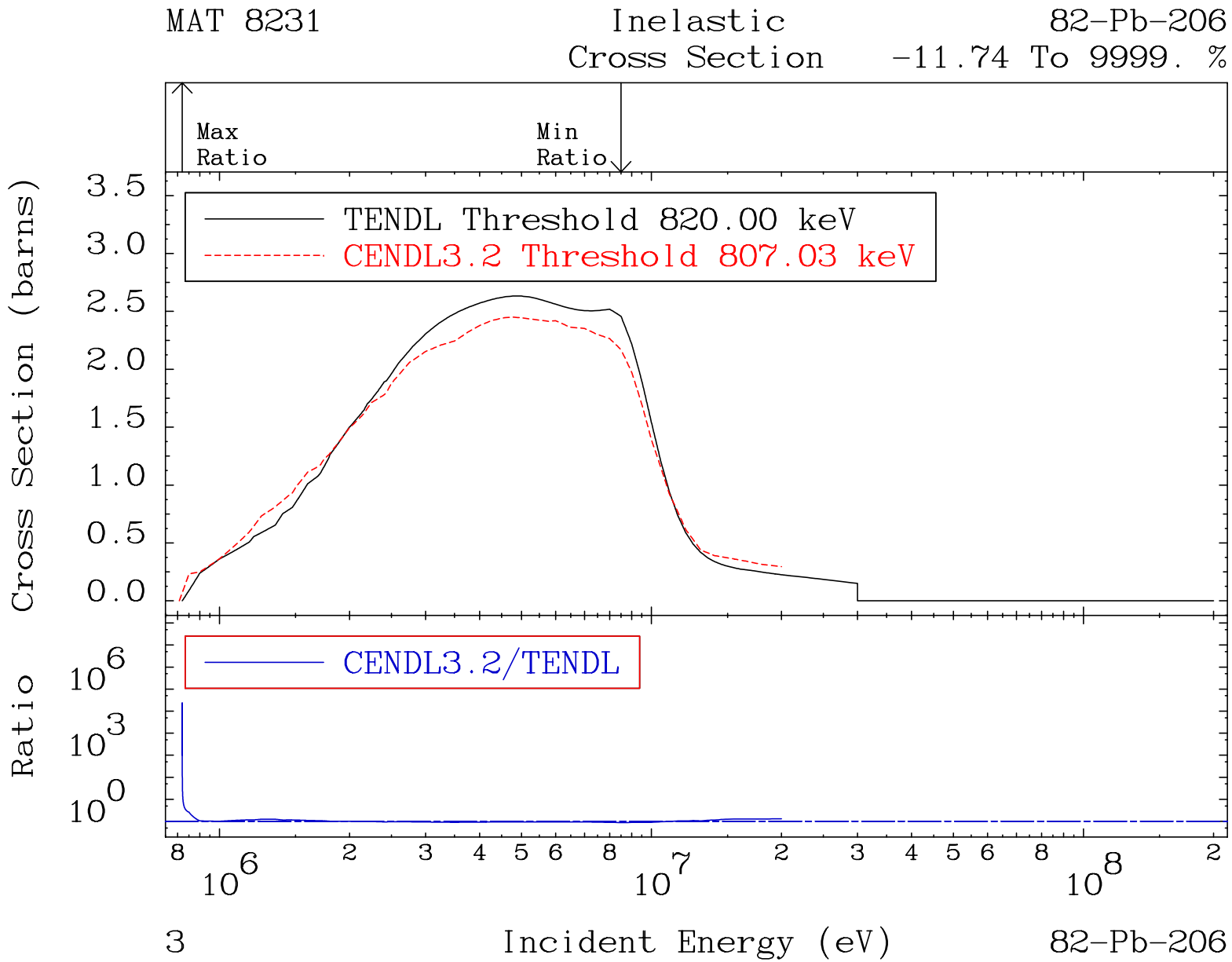
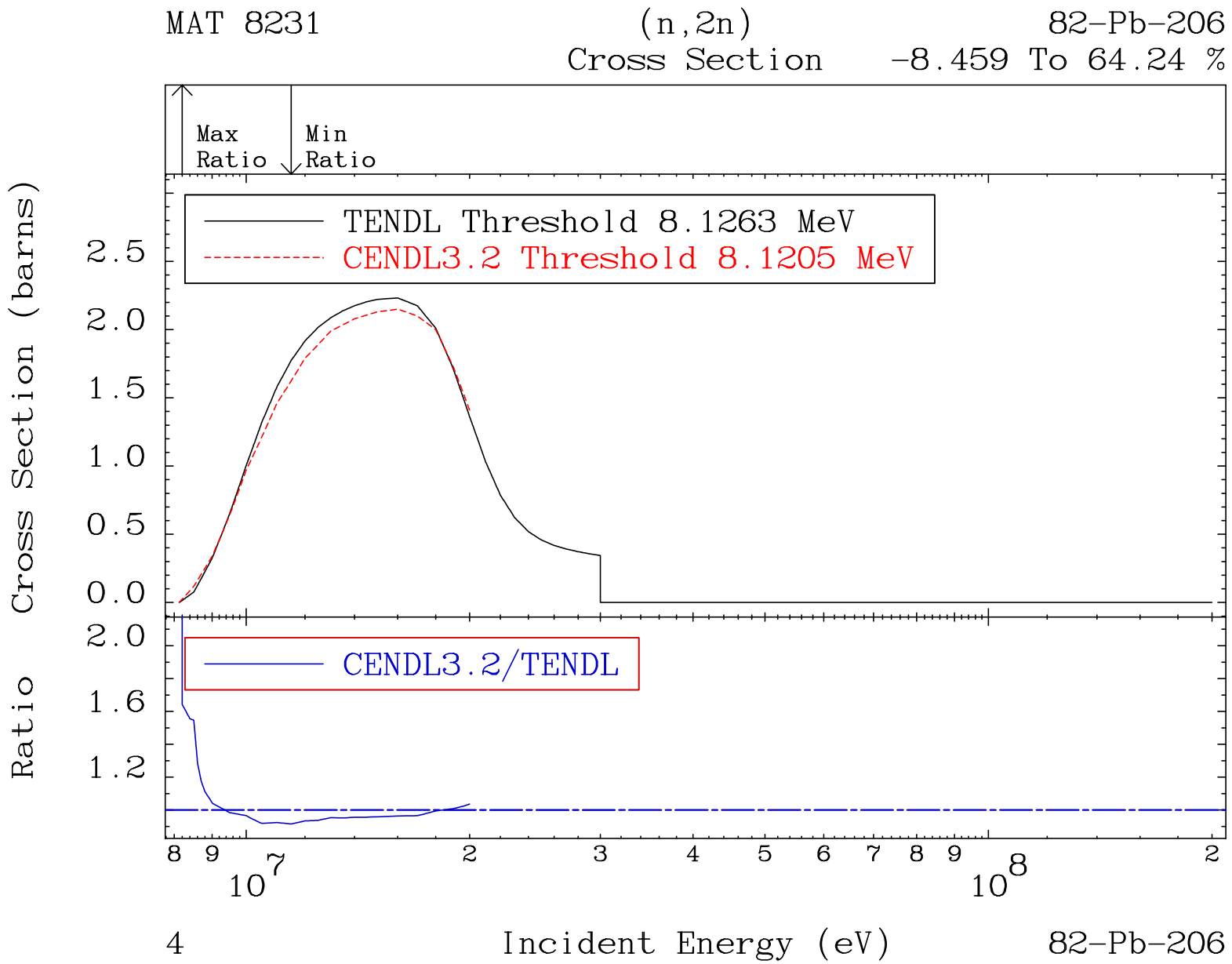
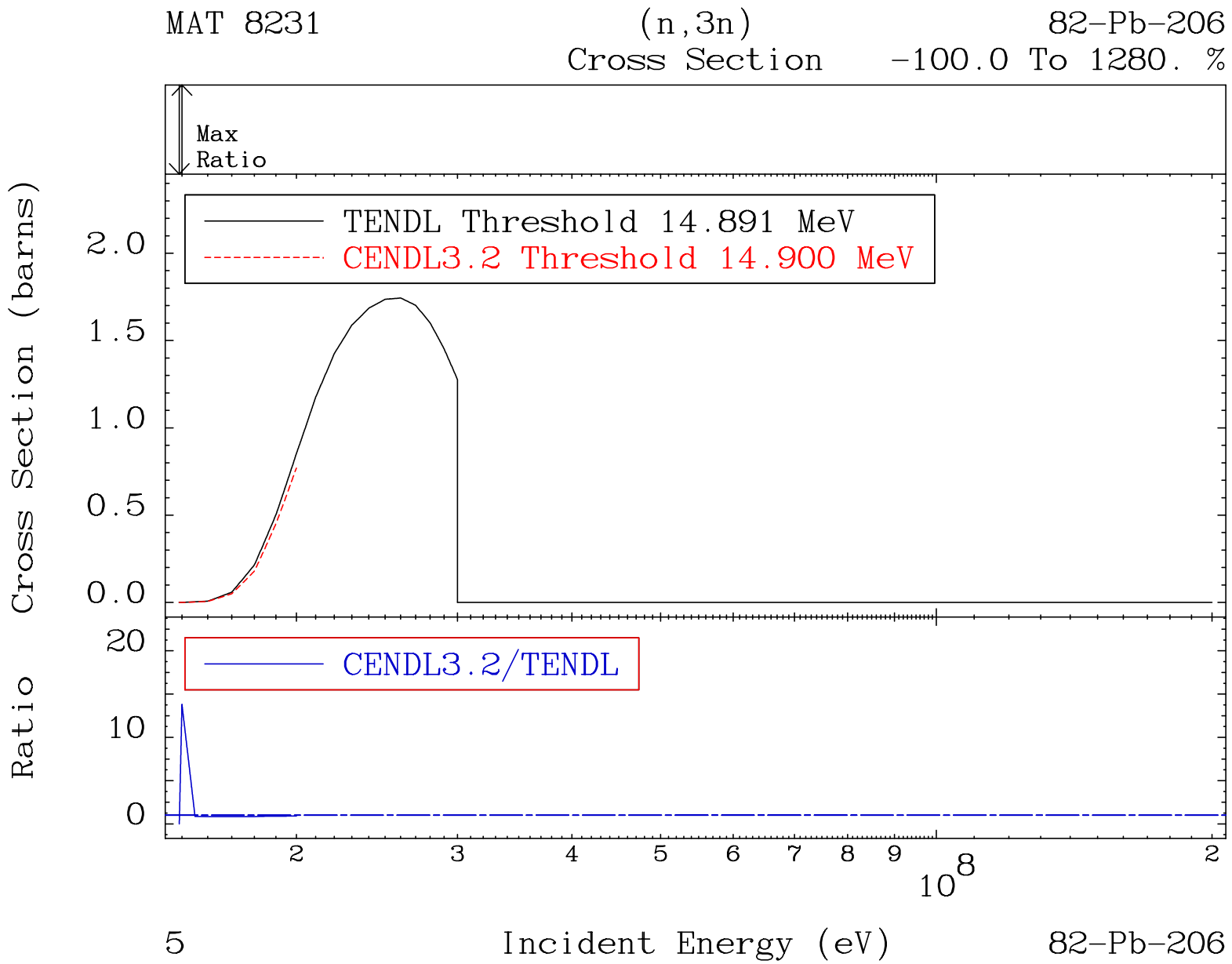
Press Mouse Button to Start

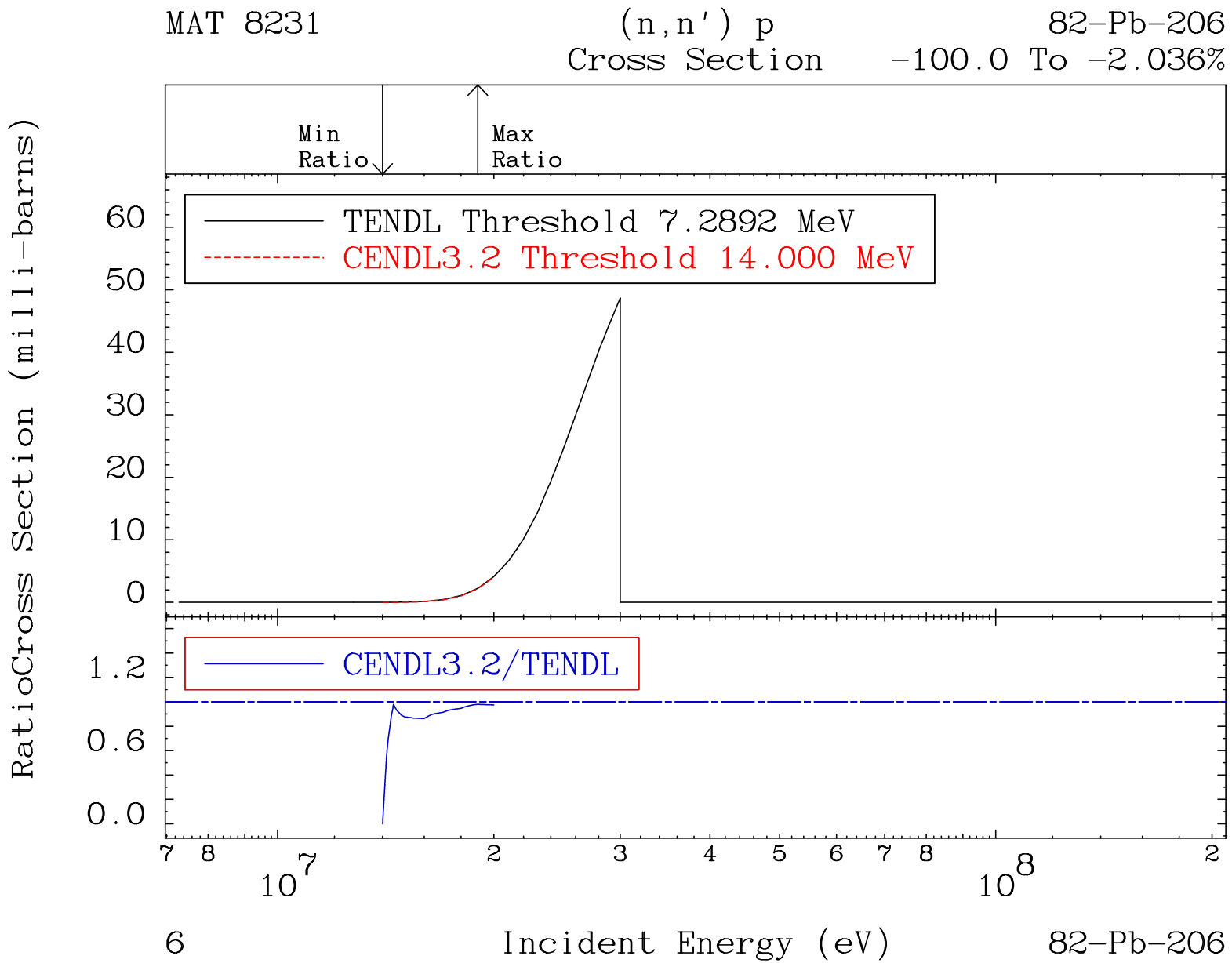

MAT 8231
Total
Cross Section
82-Pb-206
-96.17 To 4377. %
Min
Ratio
Max
Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
82-Pb-206
1

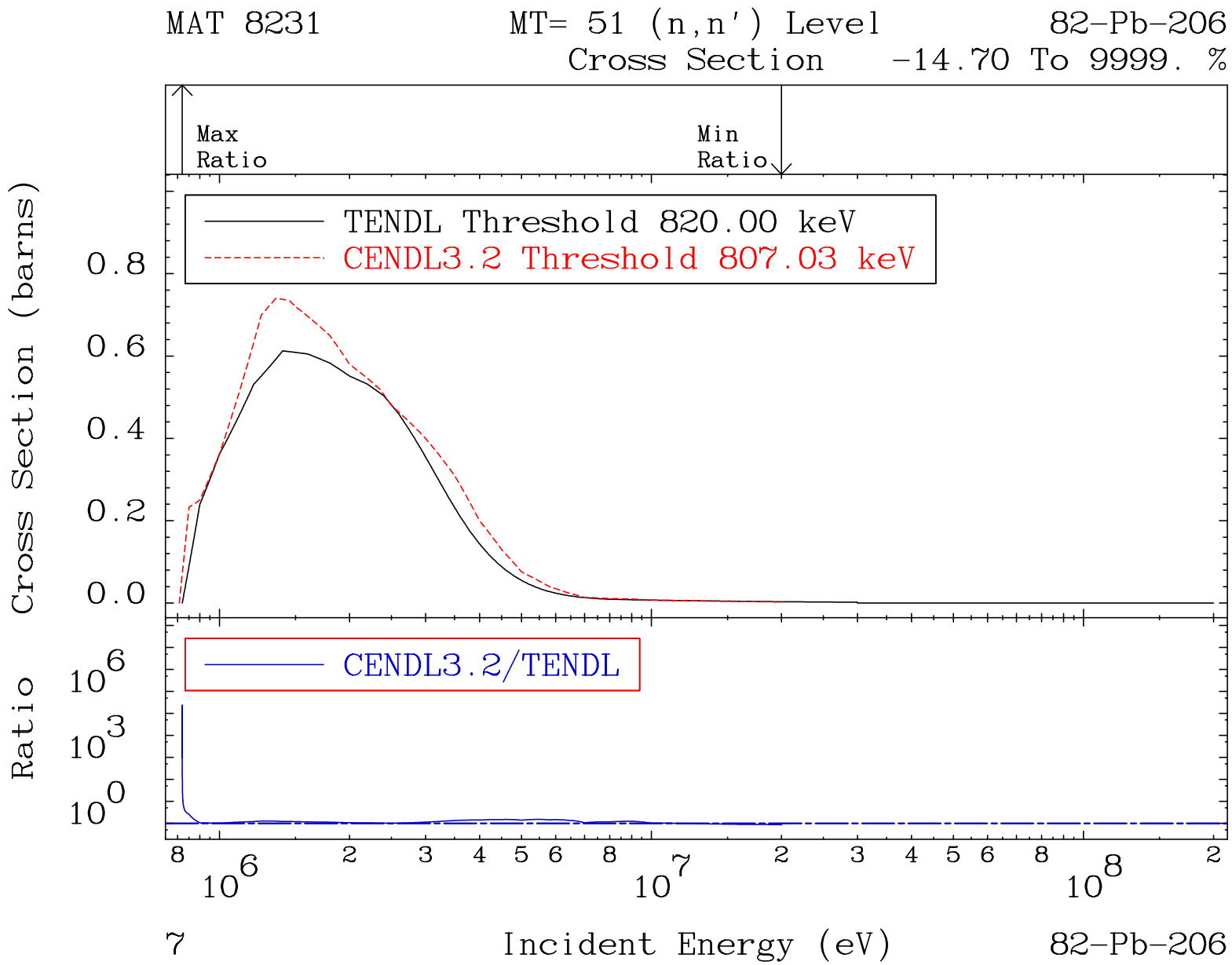

MAT 8231
Elastic
Cross Section
82-Pb-206
-96.02 To 4444. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
82-Pb-206

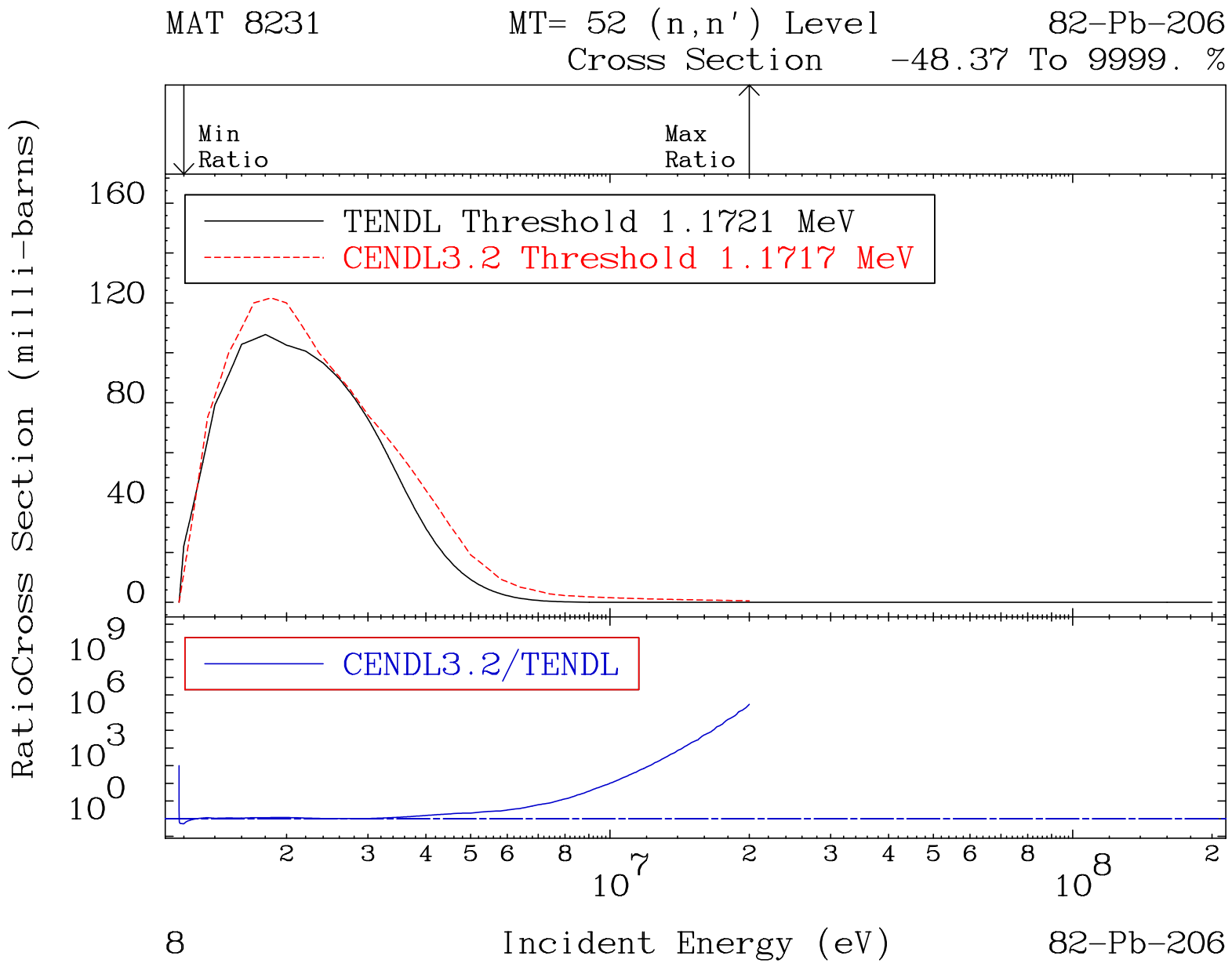

MAT 8231
Inelastic
Cross Section
82-Pb-206
-11.74 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 820.00 keV
CENDL3.2 Threshold 807.03 keV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
3
82-Pb-206

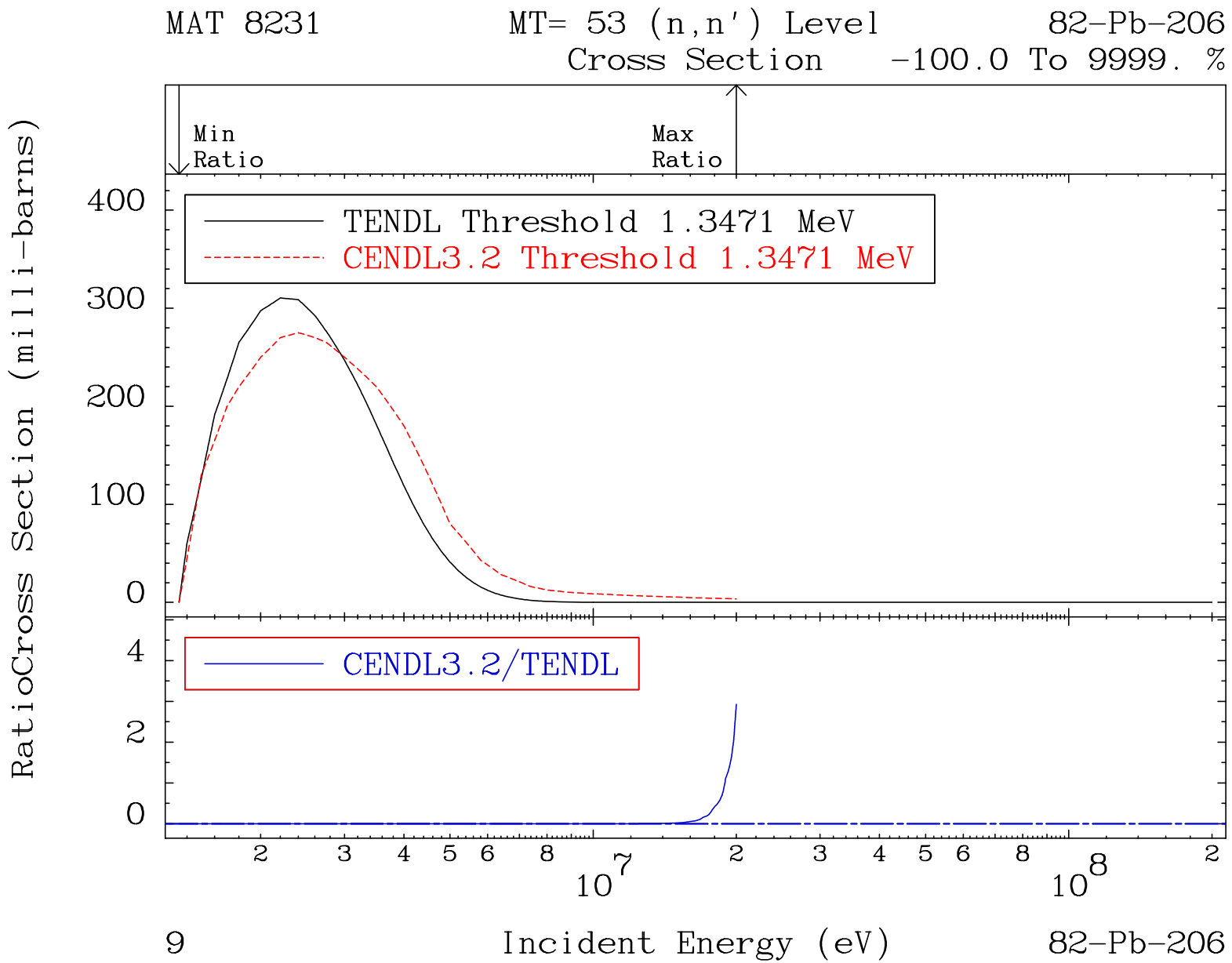

MAT 8231
(n,2n)
Cross Section
82-Pb-206
-8.459 To 64.24 %
Max Ratio
Min Ratio
TENDL Threshold 8.1263 MeV
CENDL3.2 Threshold 8.1205 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
2.5
2.0
1.5
1.0
0.5
0.0
2.0
1.6
1.2
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
4
82-Pb-206

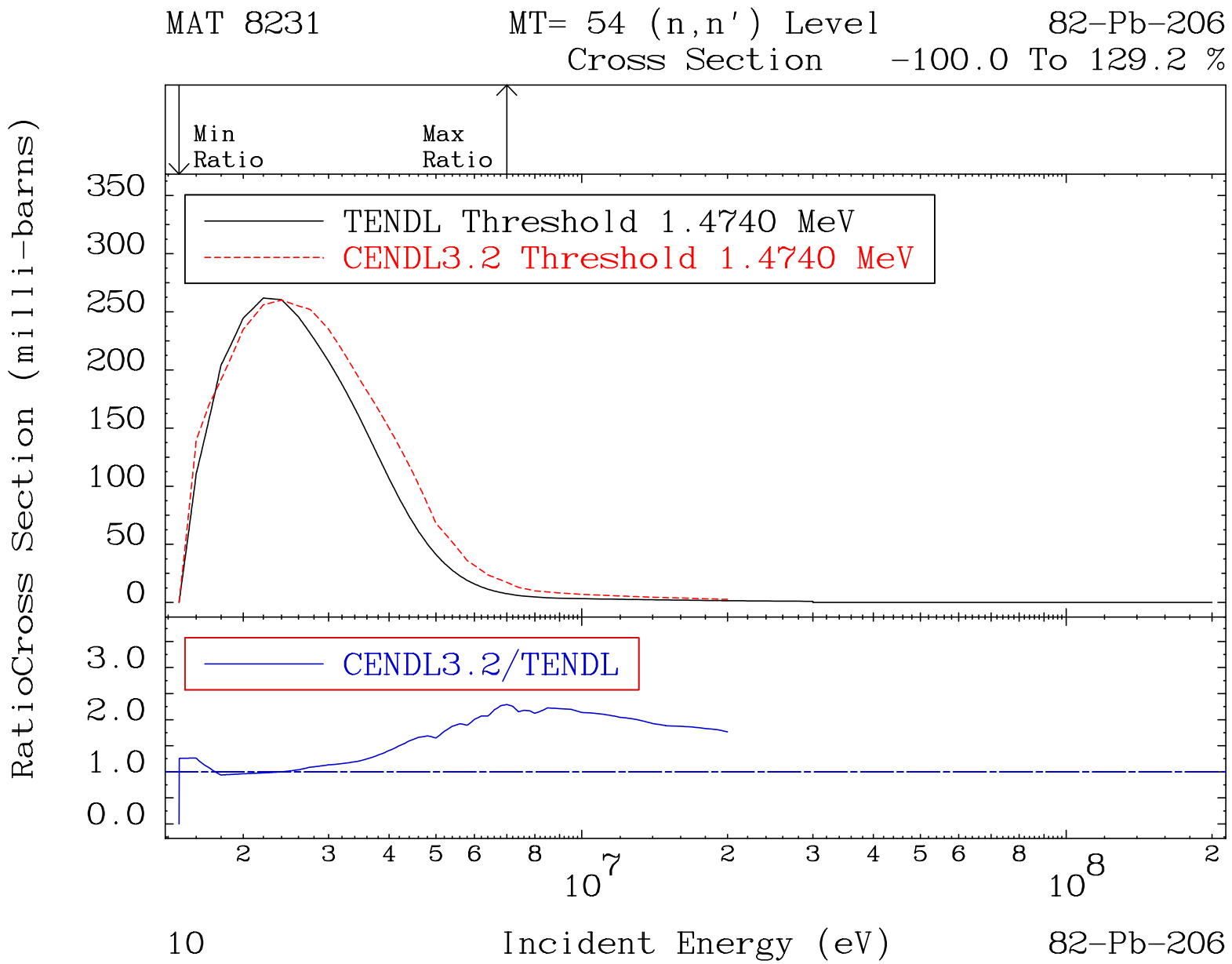

MAT 8231
(n,3n)
Cross Section
82-Pb-206
-100.0 To 1280. %
Max
Ratio
TENDL Threshold 14.891 MeV
CENDL3.2 Threshold 14.900 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
20
10
0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
82-Pb-206

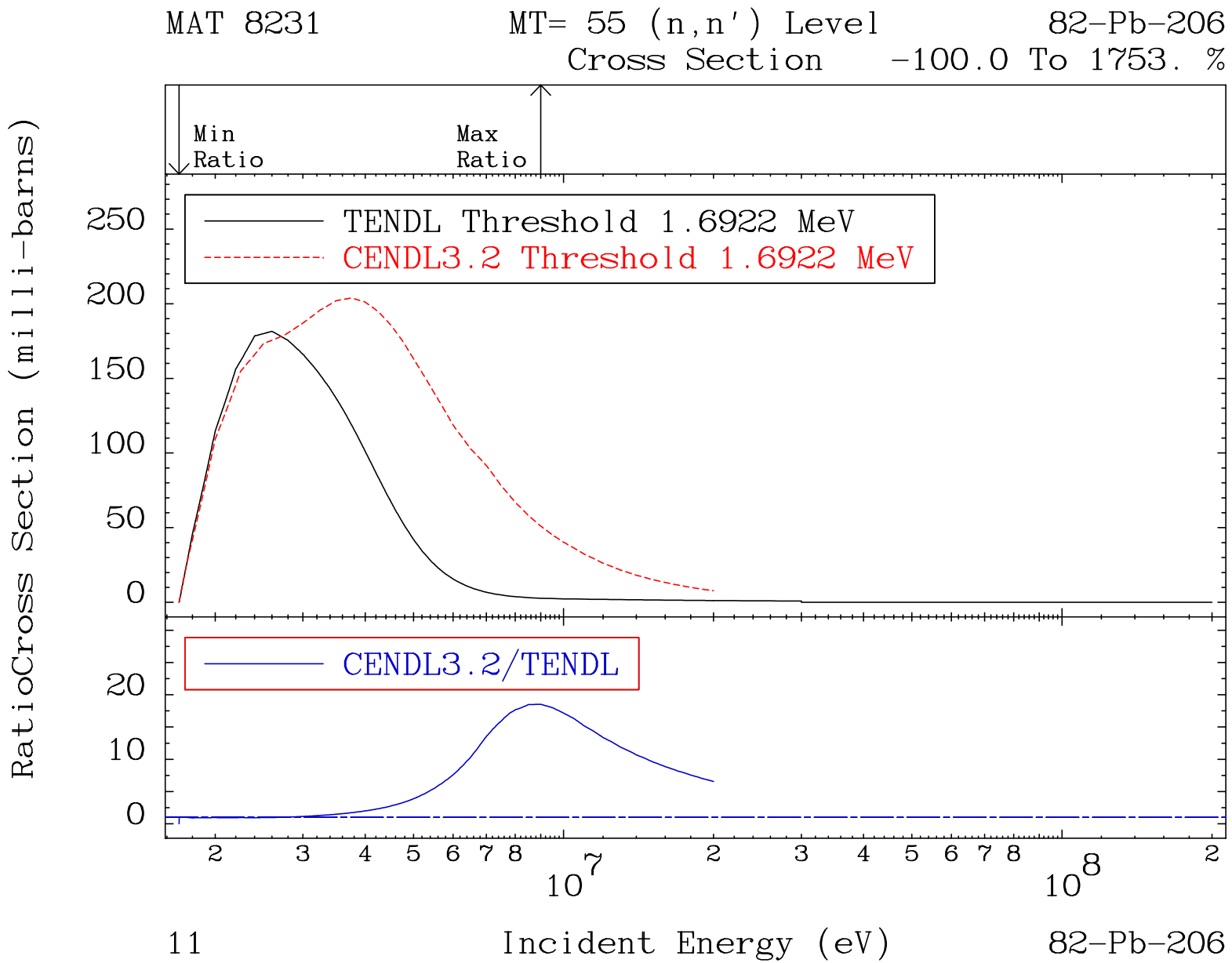

MAT 8231
(n,n') p
Cross Section
82-Pb-206
-100.0 To -2.036%
Min Ratio
Max Ratio
TENDL Threshold 7.2892 MeV
CENDL3.2 Threshold 14.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
1.2
0.6
0.0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
Incident Energy (eV)
6
82-Pb-206

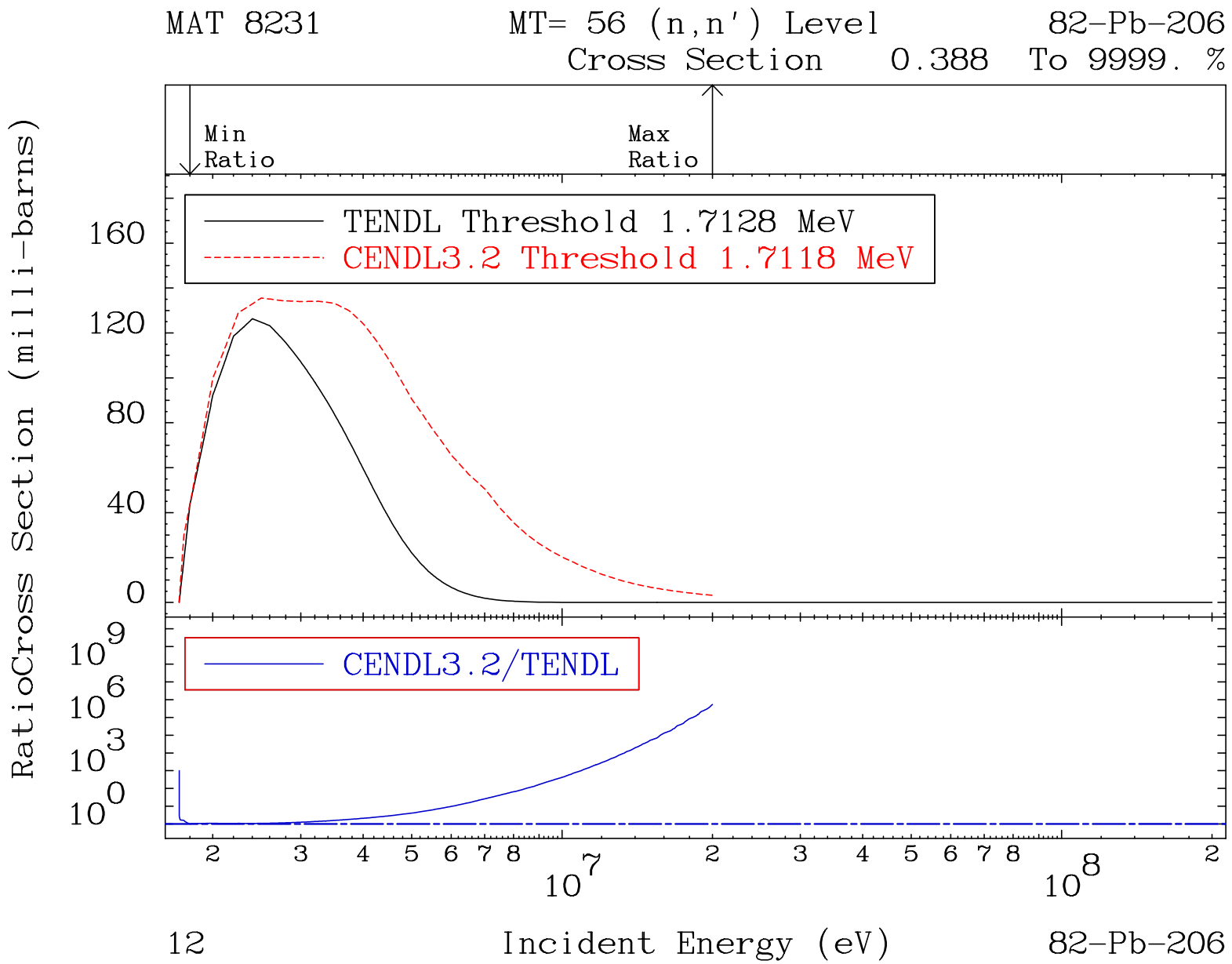

MAT 8231
MT= 51 (n,n') Level
82-Pb-206
Cross Section -14.70 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 820.00 keV
CENDL3.2 Threshold 807.03 keV
Cross Section (barns)
0.8
0.6
0.4
0.2
0.0
CENDL3.2/TENDL
Ratio
10^6
10^3
10^0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
7
Incident Energy (eV)
82-Pb-206

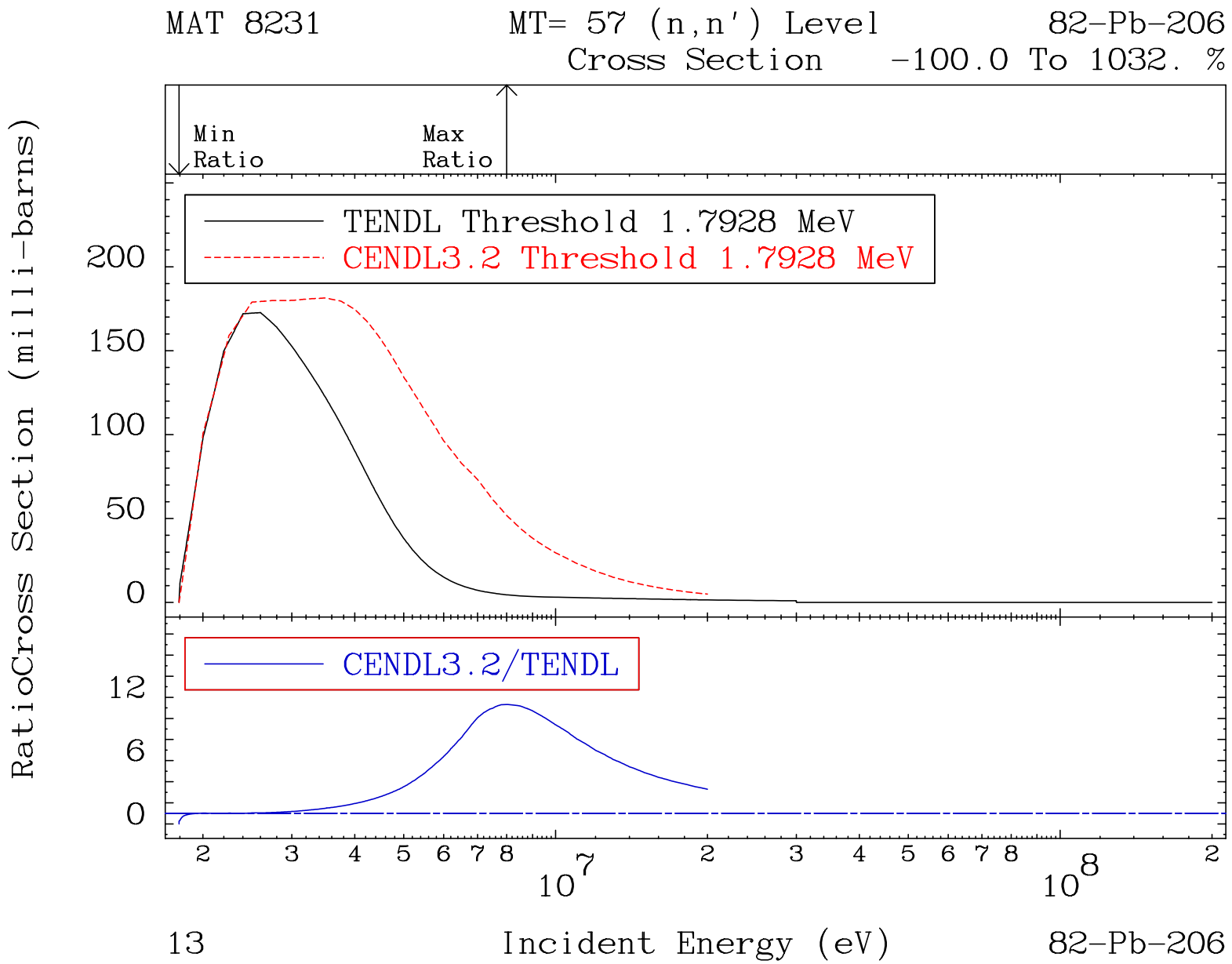

MAT 8231
MT= 52 (n,n') Level
82-Pb-206
Cross Section -48.37 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.1721 MeV
CENDL3.2 Threshold 1.1717 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
10^9
10^6
10^3
10^0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
8
Incident Energy (eV)
82-Pb-206

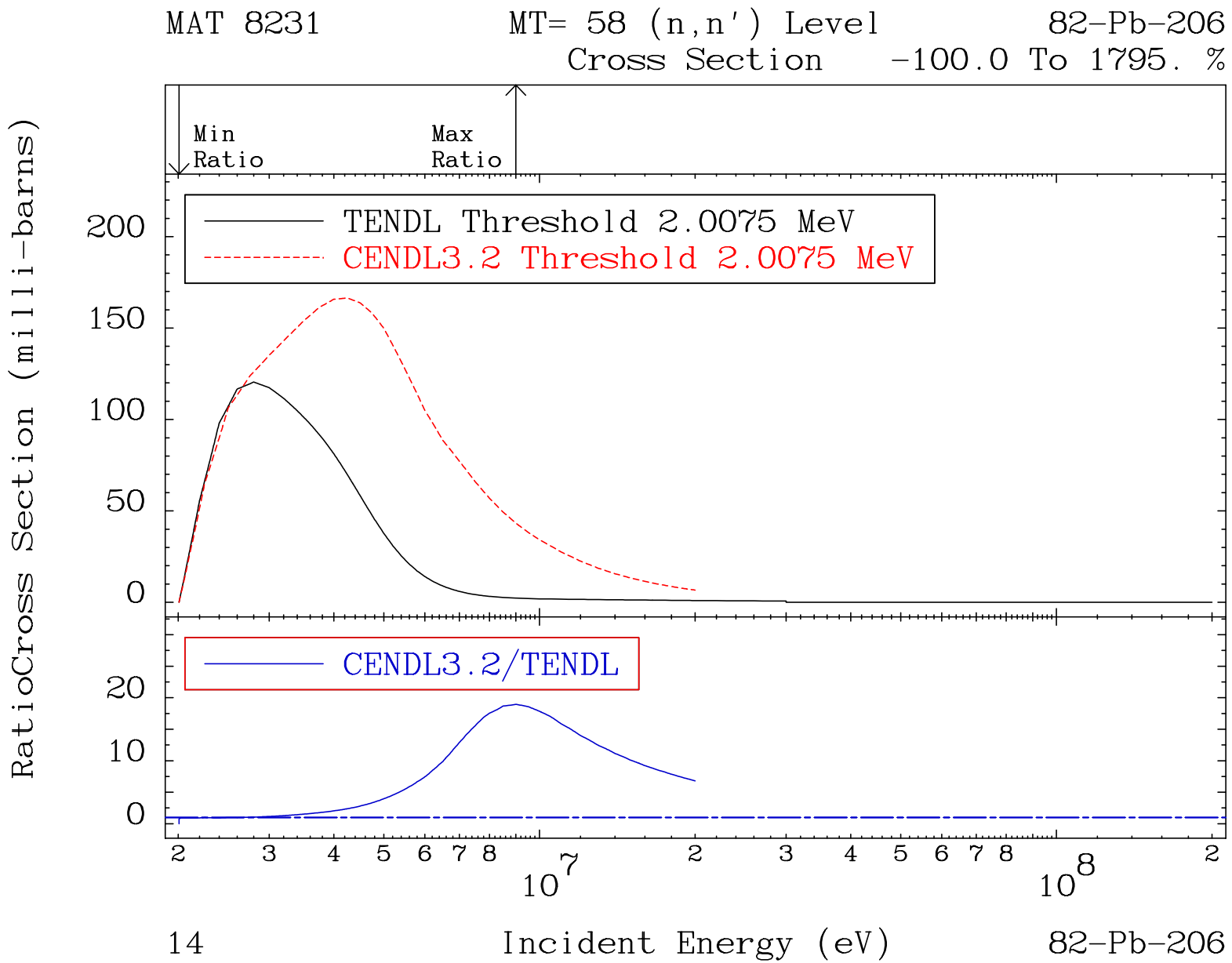

MAT 8231
MT= 53 (n,n') Level
82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.3471 MeV
CENDL3.2 Threshold 1.3471 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
4
2
0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
9
Incident Energy (eV)
82-Pb-206

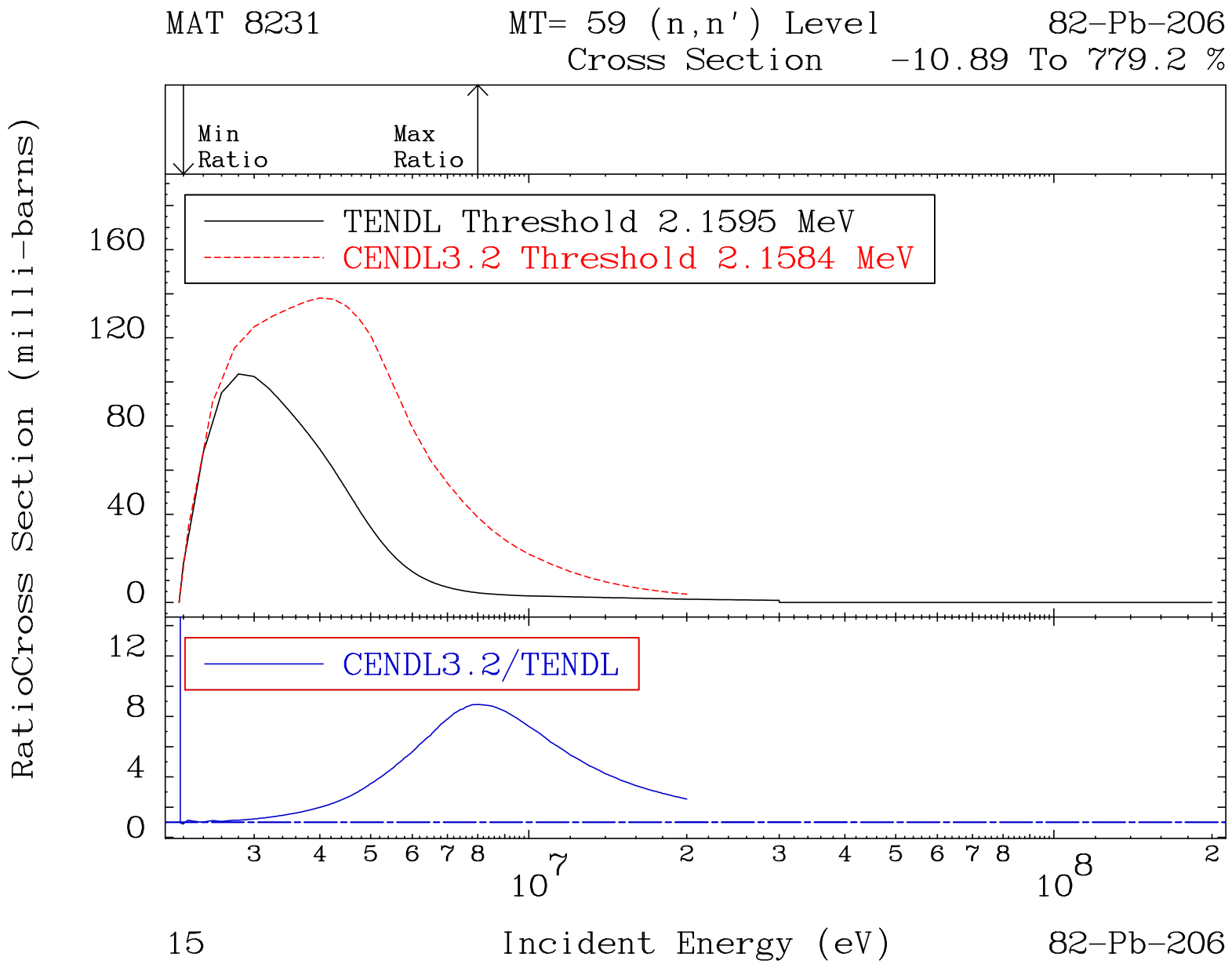

MAT 8231
MT= 54 (n,n') Level
82-Pb-206
Cross Section -100.0 To 129.2 %
Min Ratio
Max Ratio
TENDL Threshold 1.4740 MeV
CENDL3.2 Threshold 1.4740 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
350
300
250
200
150
100
50
0
3.0
2.0
1.0
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
10
Incident Energy (eV)
82-Pb-206

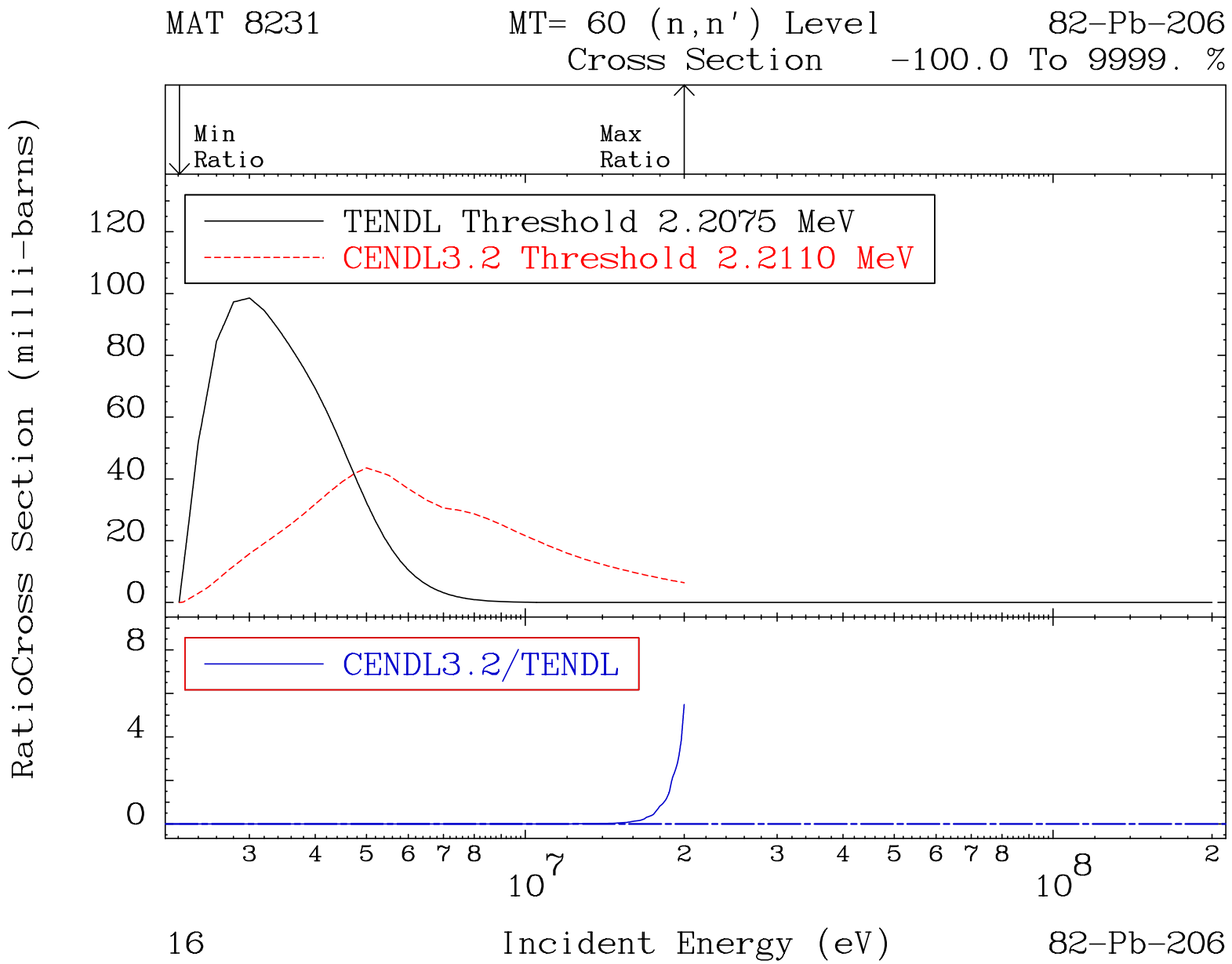

MAT 8231
MT= 55 (n,n') Level
82-Pb-206
Cross Section -100.0 To 1753. %
Min Ratio
Max Ratio
TENDL Threshold 1.6922 MeV
CENDL3.2 Threshold 1.6922 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
20
10
0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
11
Incident Energy (eV)
82-Pb-206

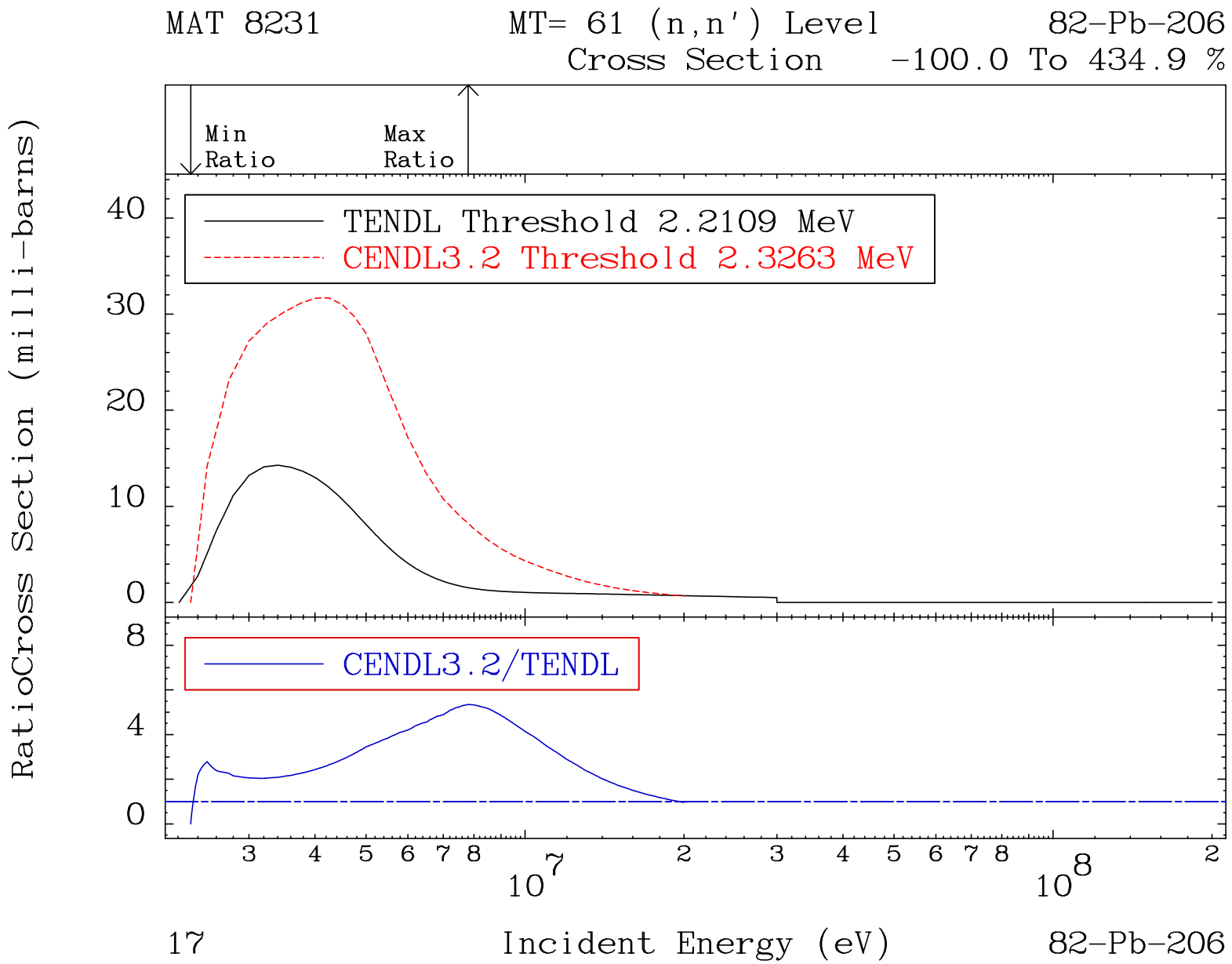

MAT 8231
MT= 56 (n,n') Level
82-Pb-206
Cross Section 0.388 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.7128 MeV
CENDL3.2 Threshold 1.7118 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
10^9
10^6
10^3
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
12
Incident Energy (eV)
82-Pb-206

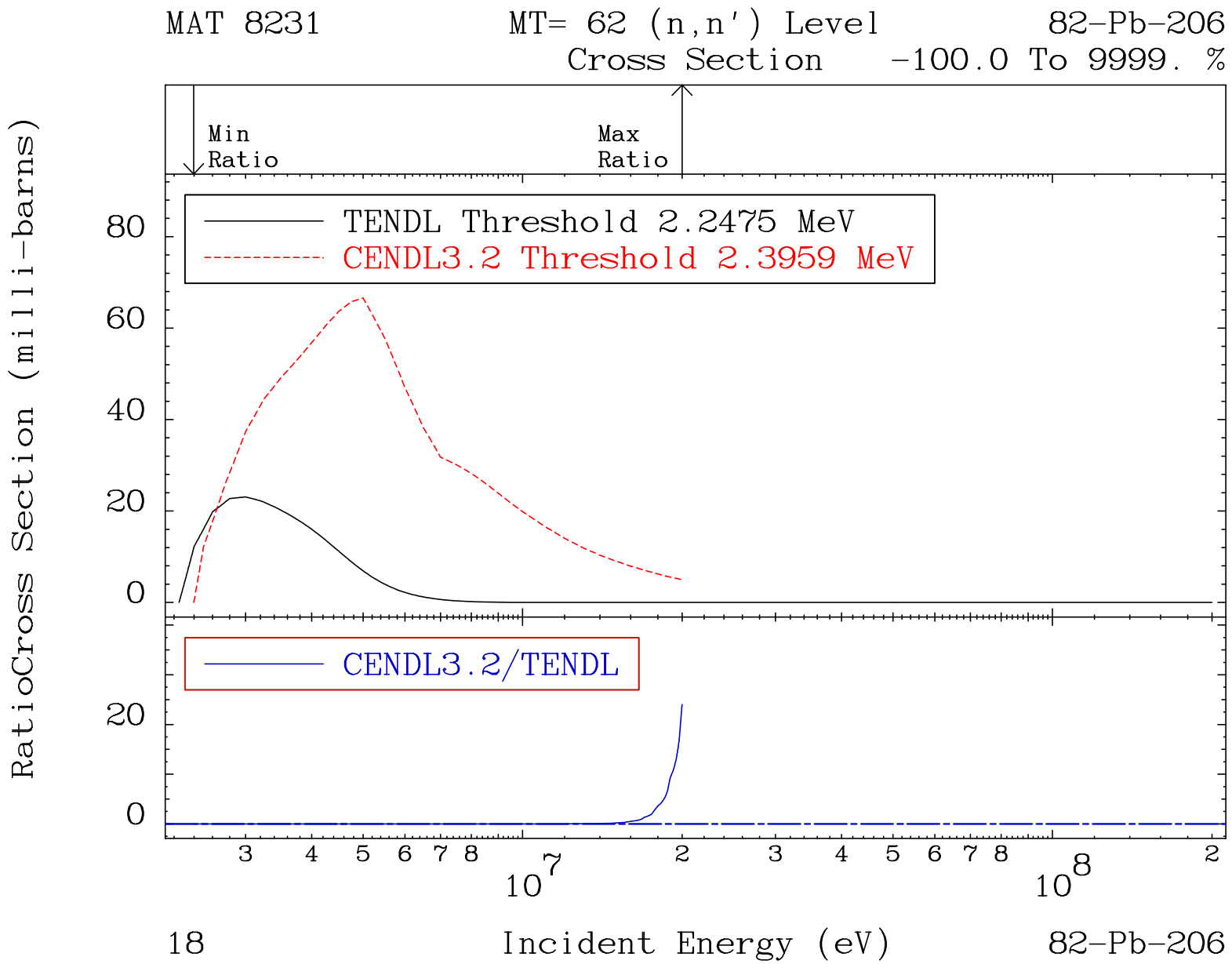

MAT 8231
MT= 57 (n,n') Level
82-Pb-206
Cross Section -100.0 To 1032. %
Min Ratio
Max Ratio
TENDL Threshold 1.7928 MeV
CENDL3.2 Threshold 1.7928 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
12
6
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
13
Incident Energy (eV)
82-Pb-206

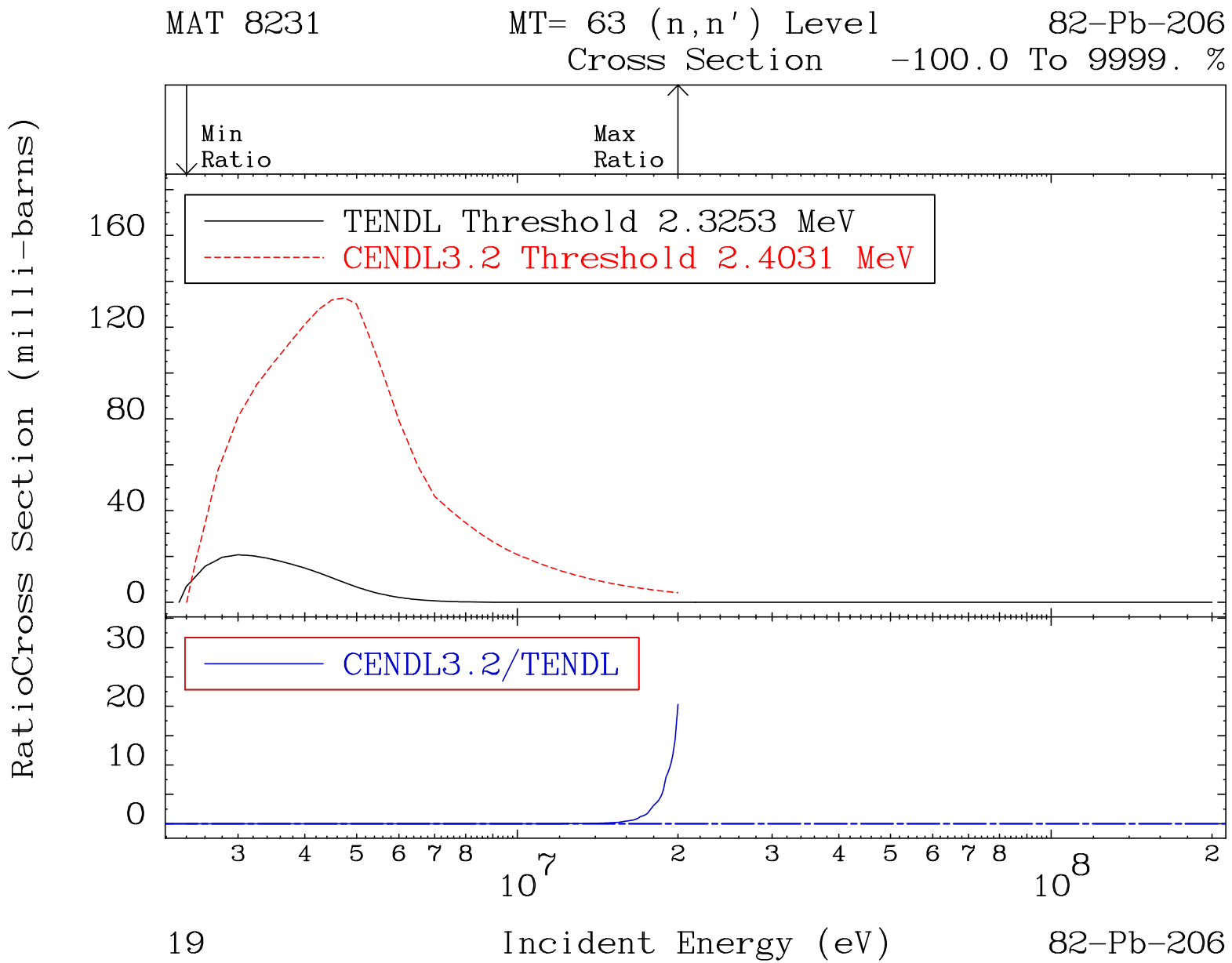

MAT 8231
MT= 58 (n,n') Level
82-Pb-206
Cross Section -100.0 To 1795. %
Min Ratio
Max Ratio
TENDL Threshold 2.0075 MeV
CENDL3.2 Threshold 2.0075 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
20
10
0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
14
Incident Energy (eV)
82-Pb-206

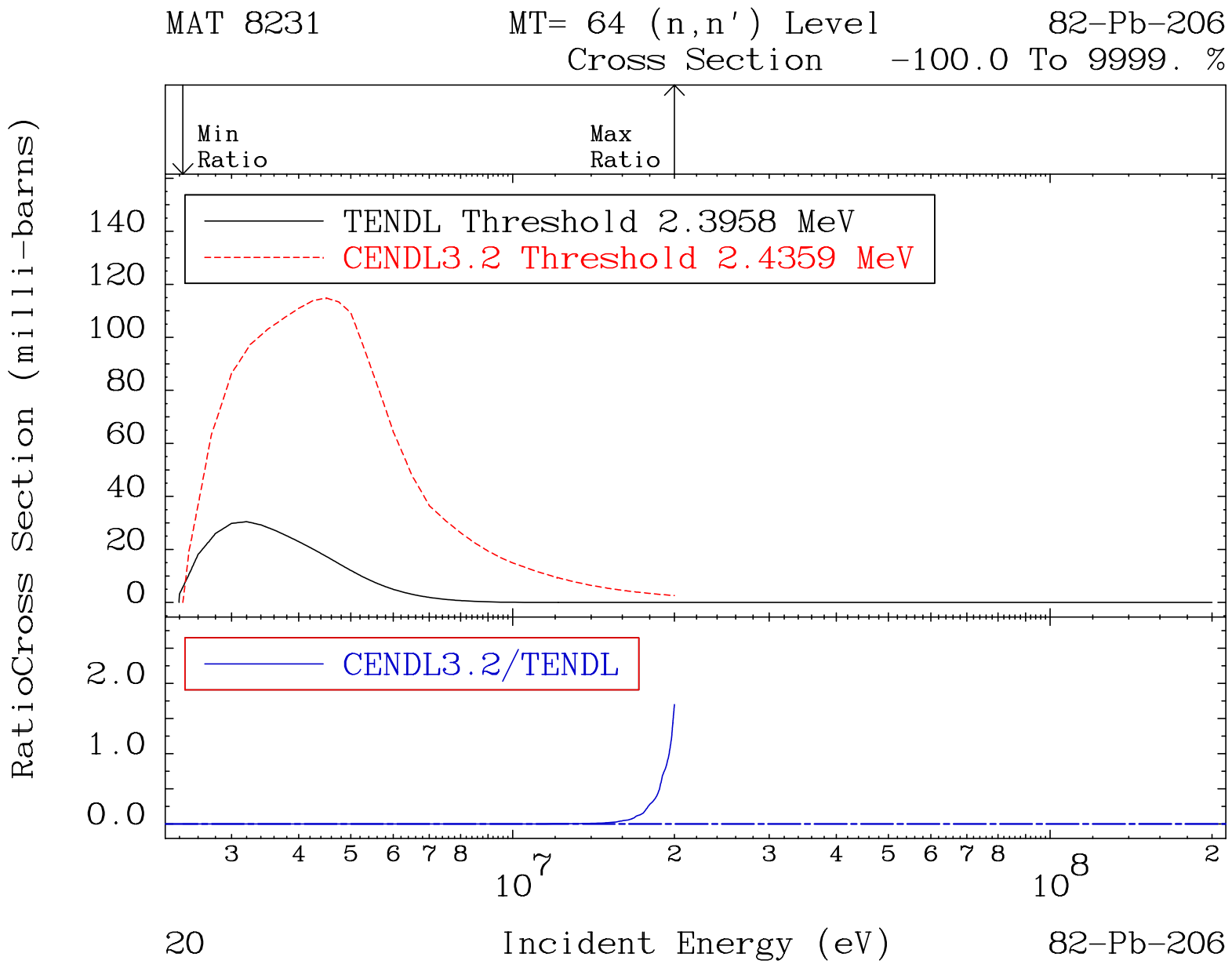

MAT 8231
MT= 59 (n,n') Level
82-Pb-206
Cross Section -10.89 To 779.2 %
Min Ratio
Max Ratio
TENDL Threshold 2.1595 MeV
CENDL3.2 Threshold 2.1584 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
12
8
4
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
15
Incident Energy (eV)
82-Pb-206

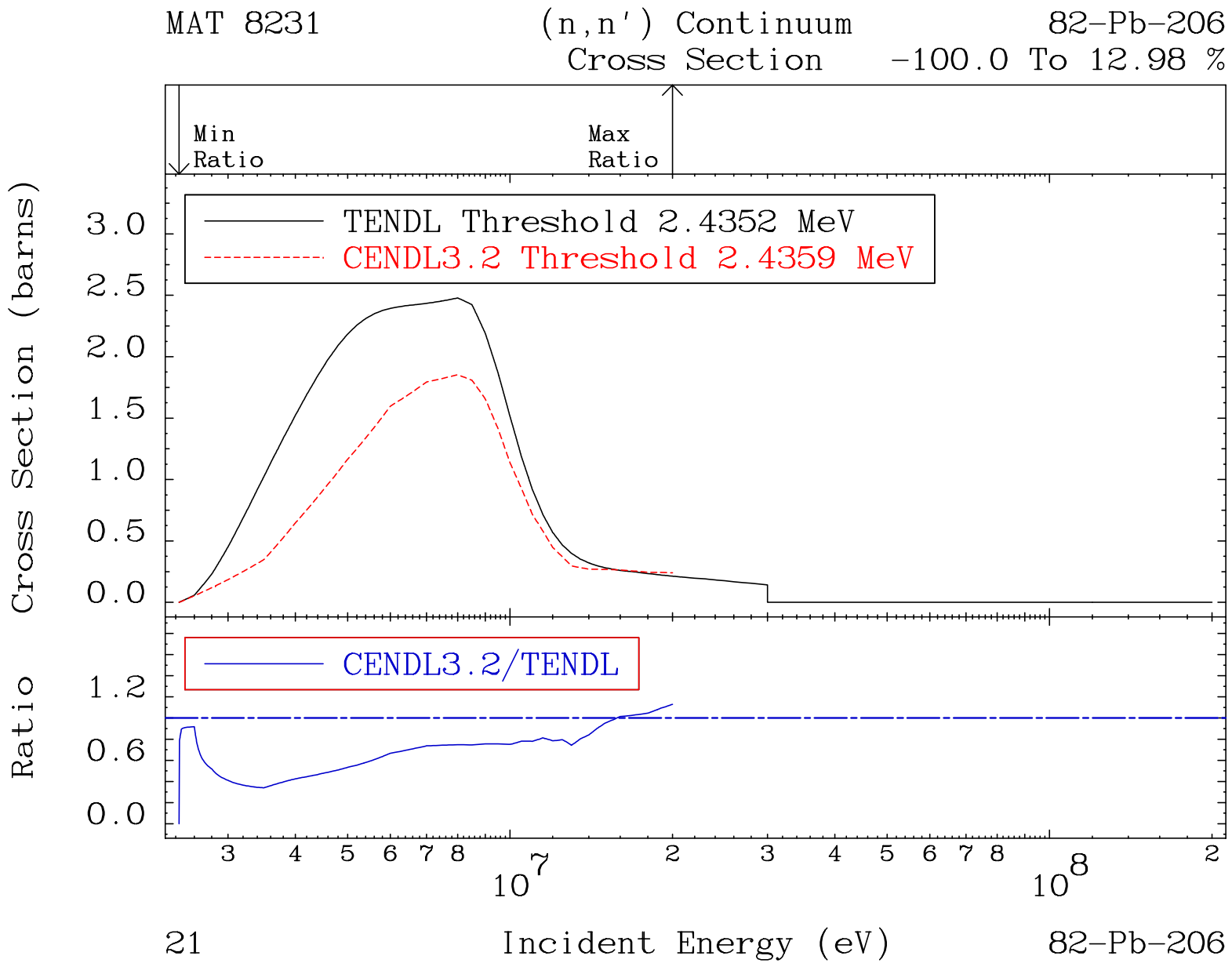

MAT 8231
MT= 60 (n,n') Level
82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.2075 MeV
CENDL3.2 Threshold 2.2110 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
8
4
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
16
Incident Energy (eV)
82-Pb-206

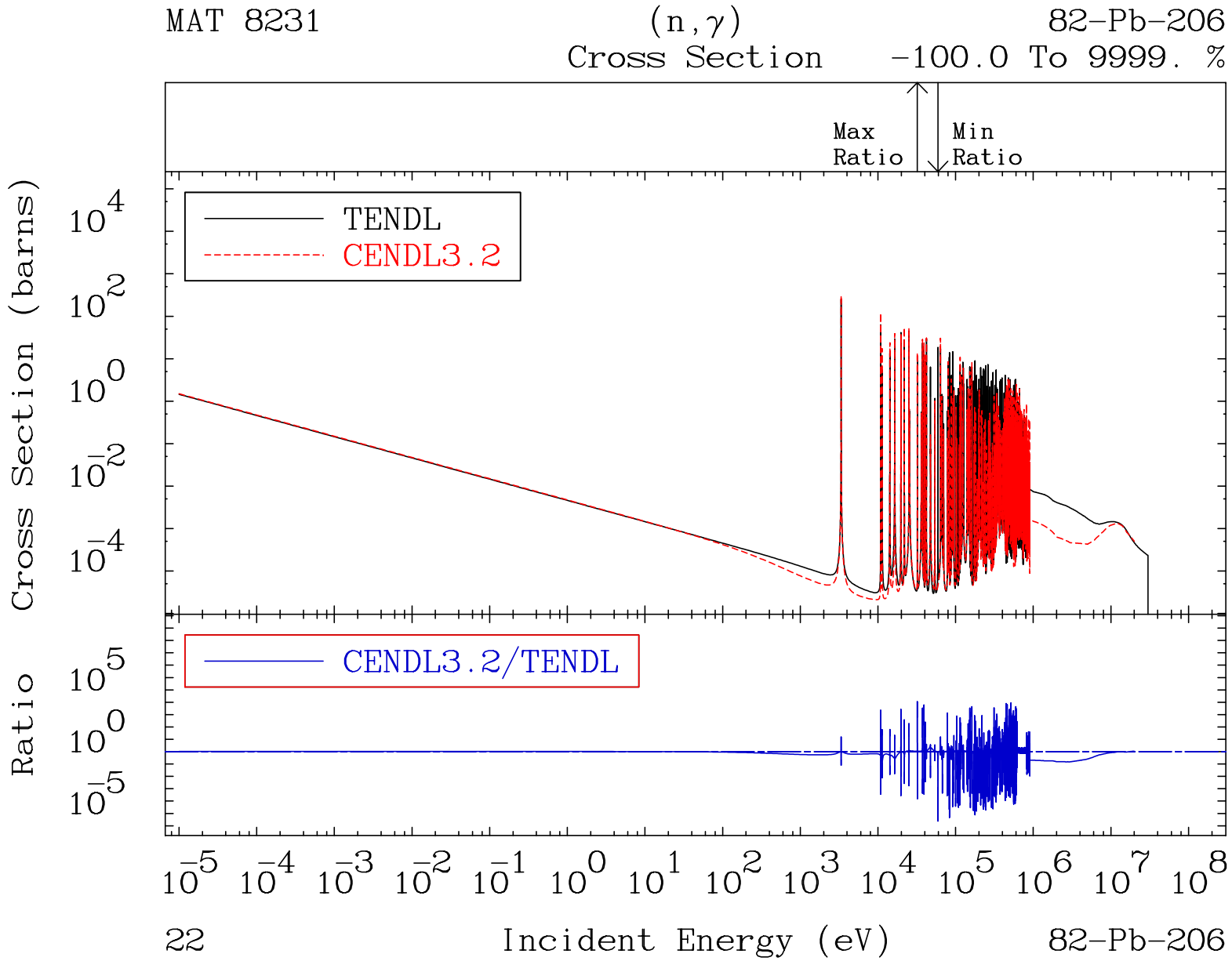

MAT 8231
MT= 61 (n,n') Level
82-Pb-206
Cross Section -100.0 To 434.9 %
Min Ratio
Max Ratio
TENDL Threshold 2.2109 MeV
CENDL3.2 Threshold 2.3263 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
8
4
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
17
Incident Energy (eV)
82-Pb-206

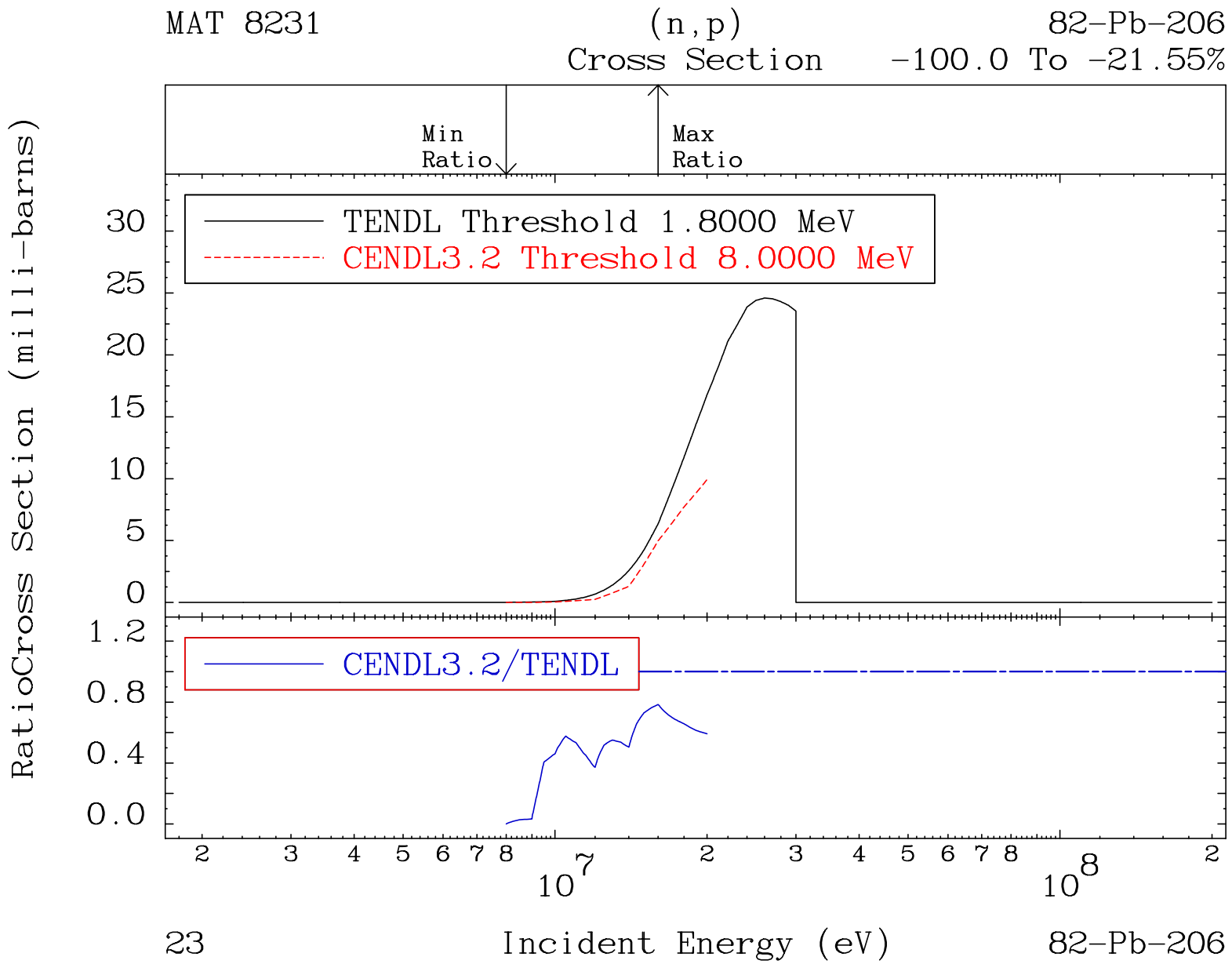

MAT 8231
MT= 62 (n,n') Level
82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.2475 MeV
CENDL3.2 Threshold 2.3959 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
20
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
18
Incident Energy (eV)
82-Pb-206

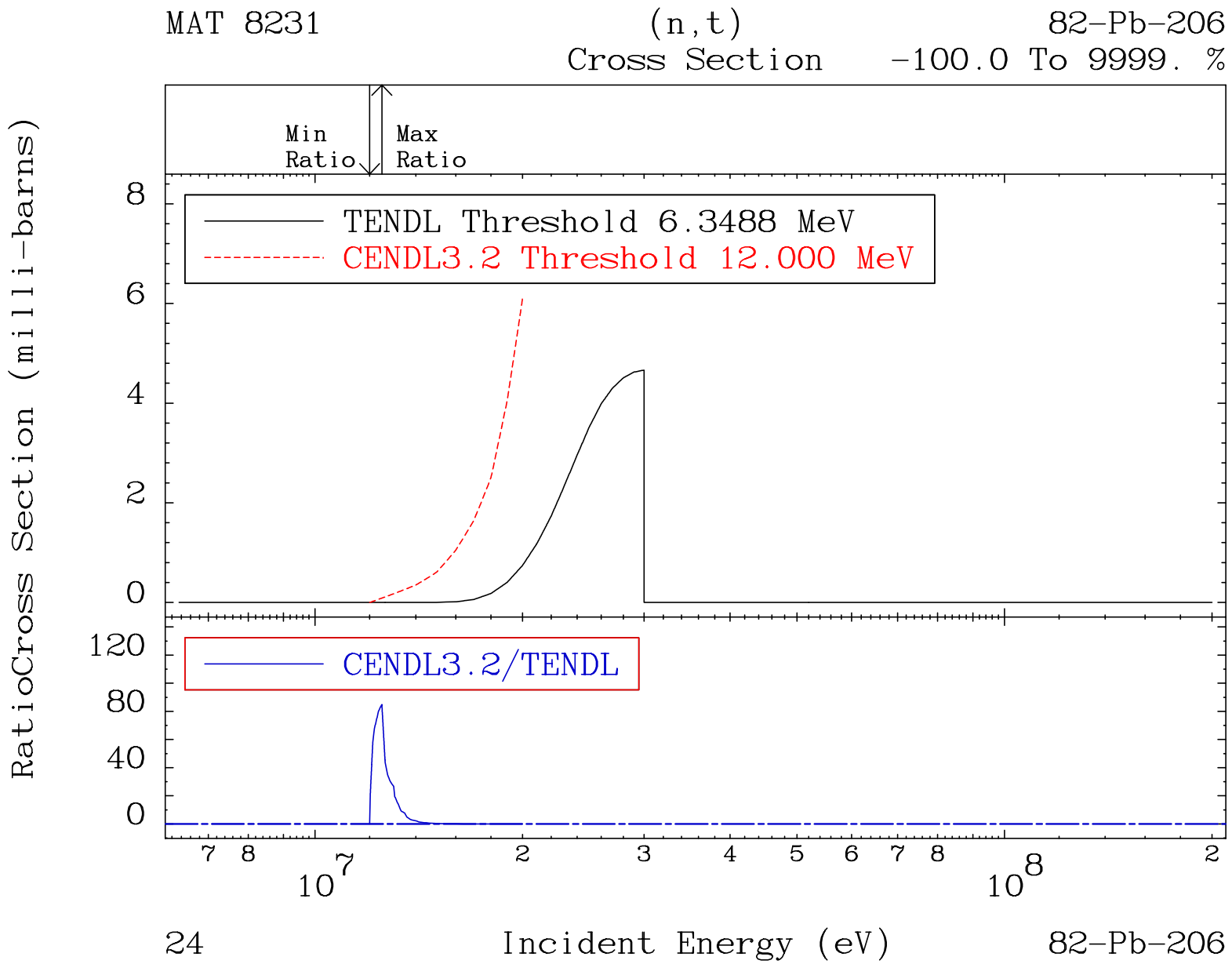

MAT 8231
MT= 63 (n,n') Level
82-Pb-206
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.3253 MeV
CENDL3.2 Threshold 2.4031 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
30
20
10
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
19
Incident Energy (eV)
82-Pb-206

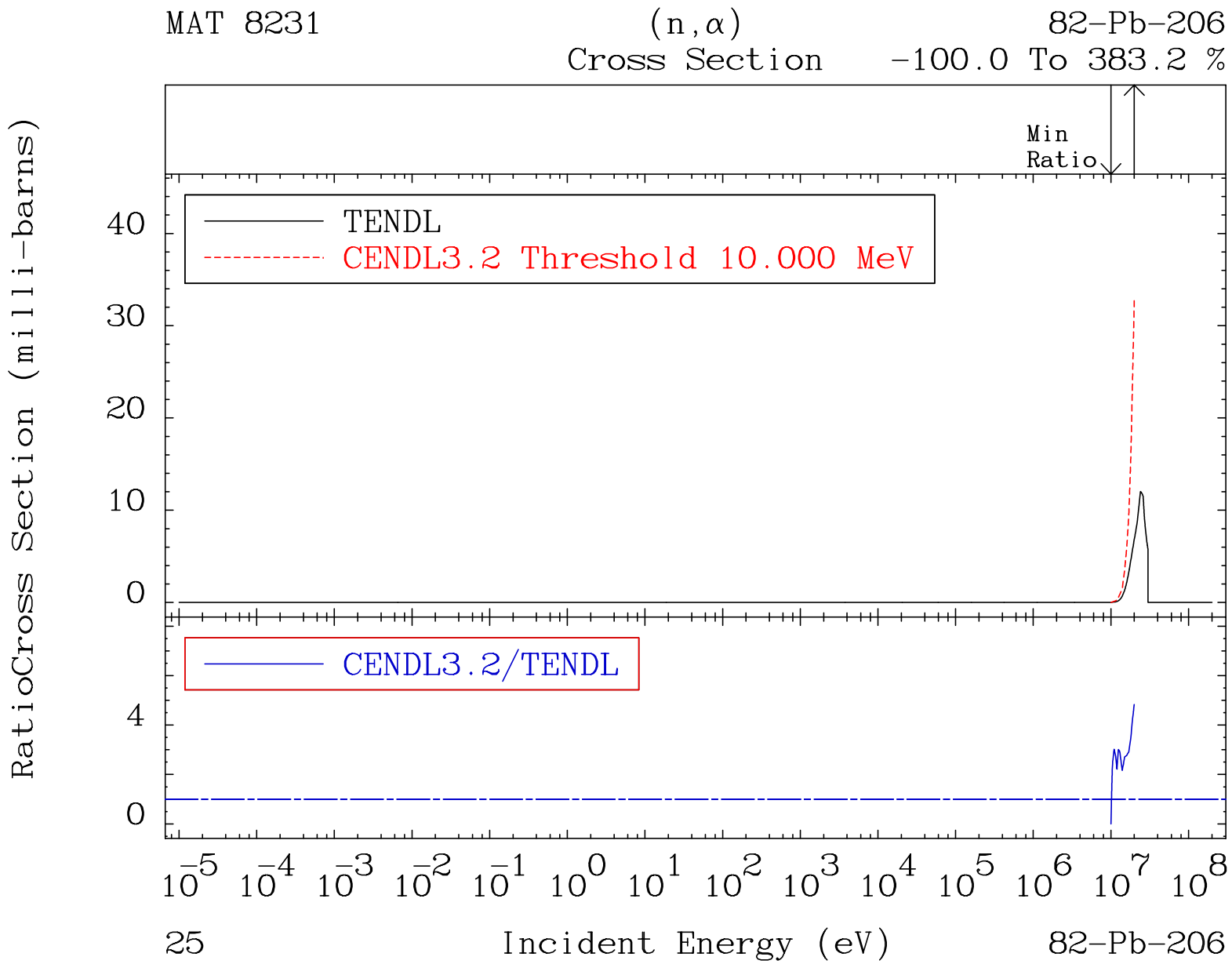

MAT 8231
MT= 64 (n,n') Level
82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.3958 MeV
CENDL3.2 Threshold 2.4359 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
2.0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
20
Incident Energy (eV)
82-Pb-206

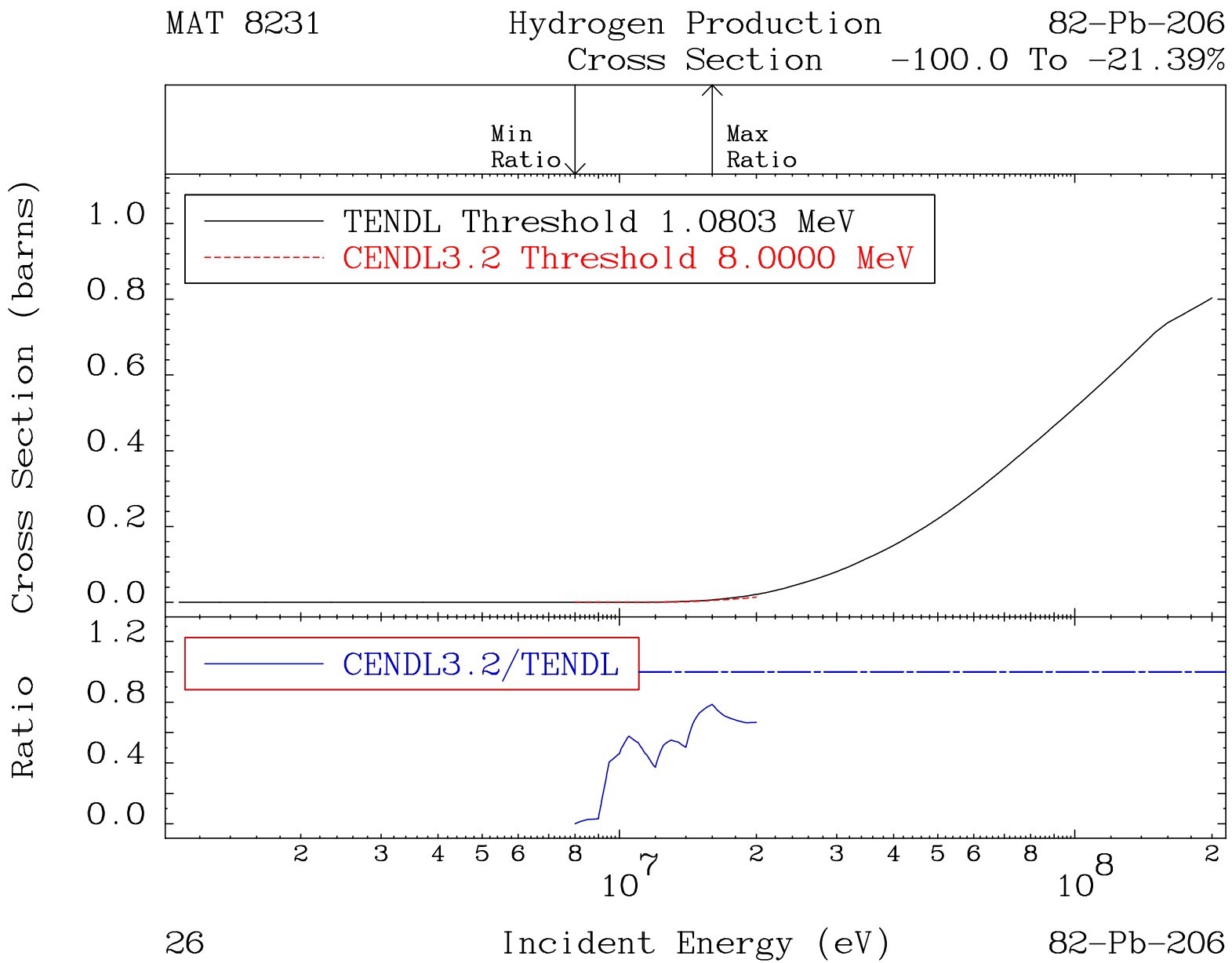

MAT 8231
(n,n') Continuum
Cross Section
82-Pb-206
-100.0 To 12.98 %
Min Ratio
Max Ratio
TENDL Threshold 2.4352 MeV
CENDL3.2 Threshold 2.4359 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
21
Incident Energy (eV)
82-Pb-206

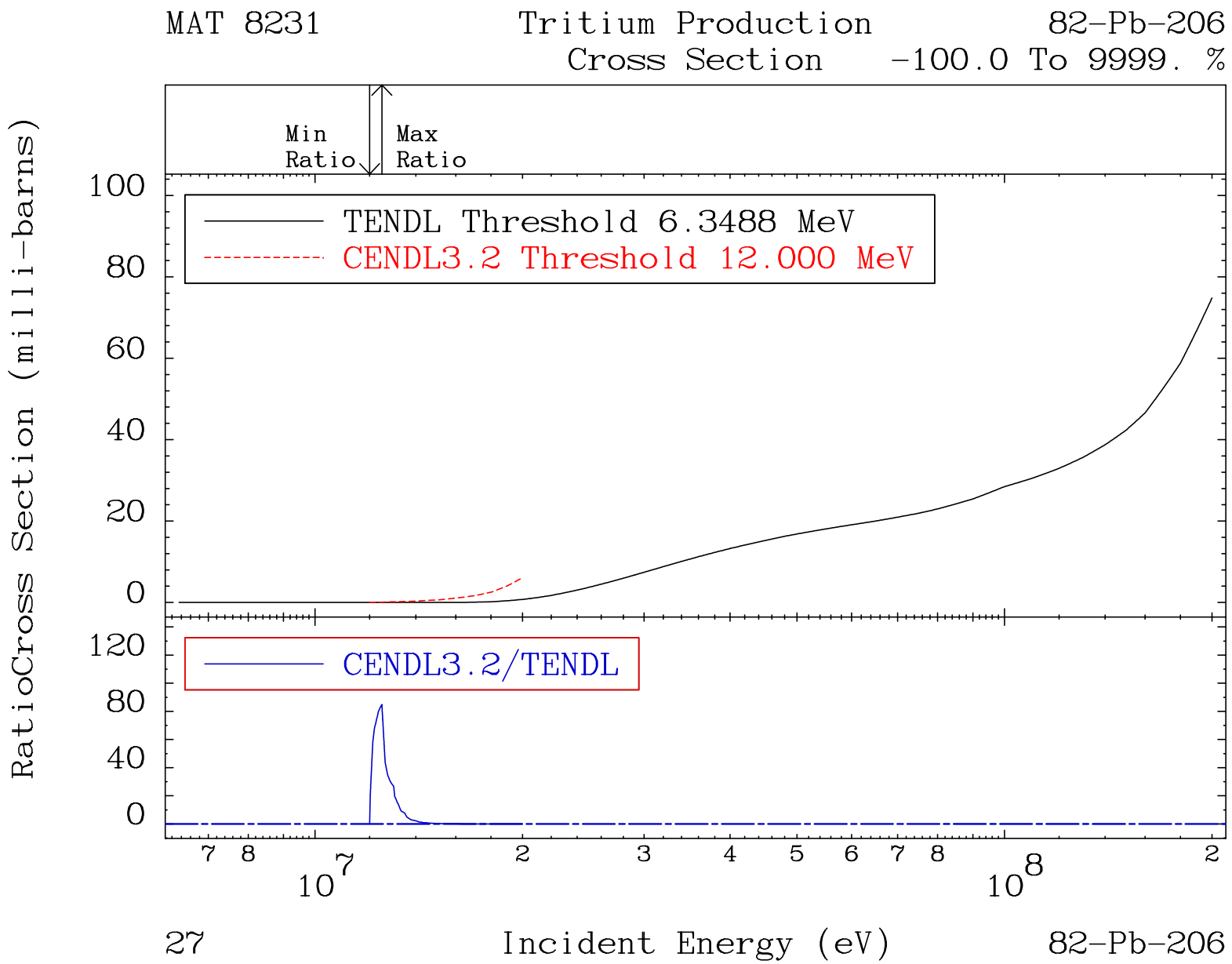

MAT 8231
(n,γ)
Cross Section
82-Pb-206
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
22
82-Pb-206

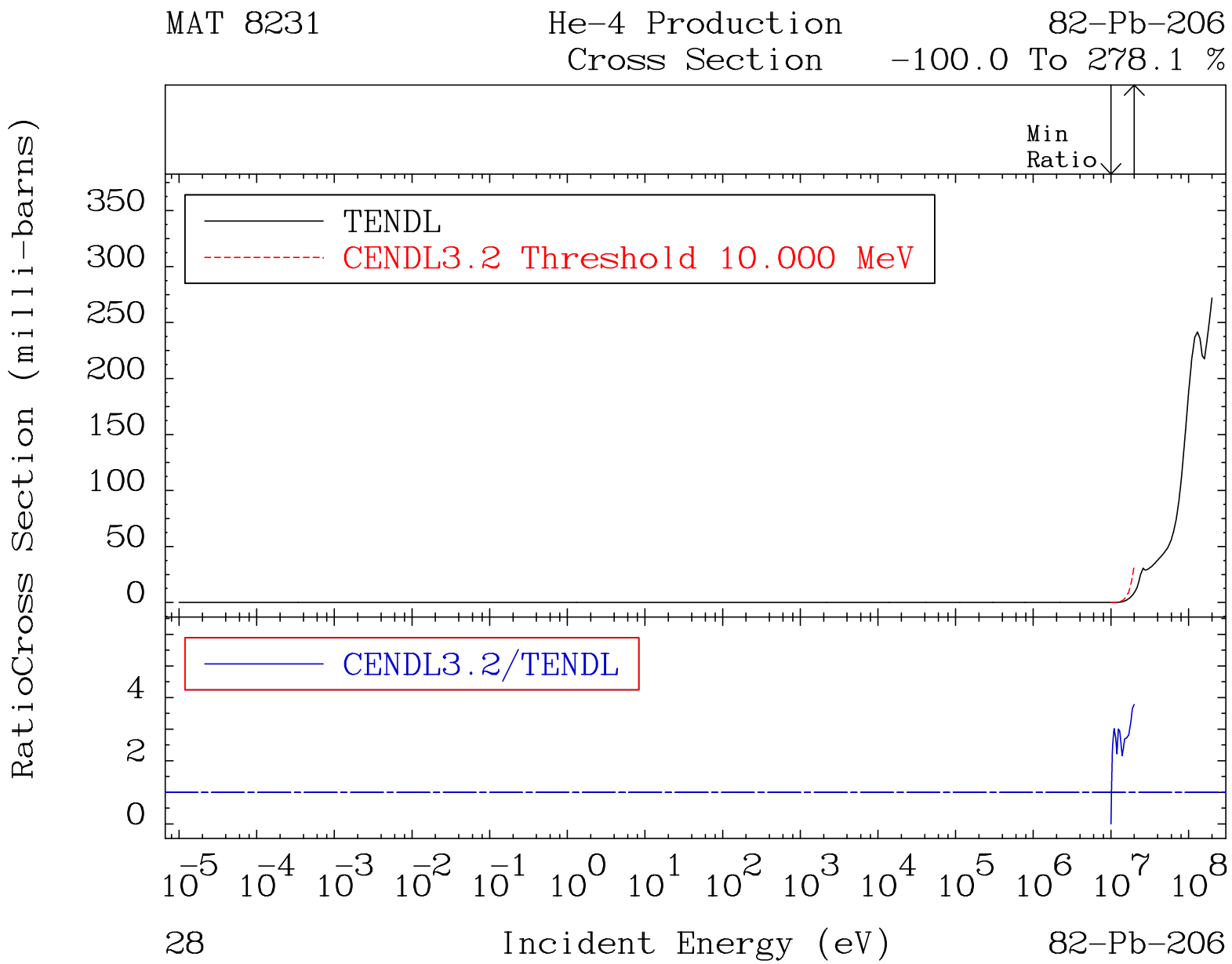

MAT 8231
(n,p)
Cross Section
82-Pb-206
-100.0 To -21.55%
Min Ratio
Max Ratio
TENDL Threshold 1.8000 MeV
CENDL3.2 Threshold 8.0000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
23
Incident Energy (eV)
82-Pb-206

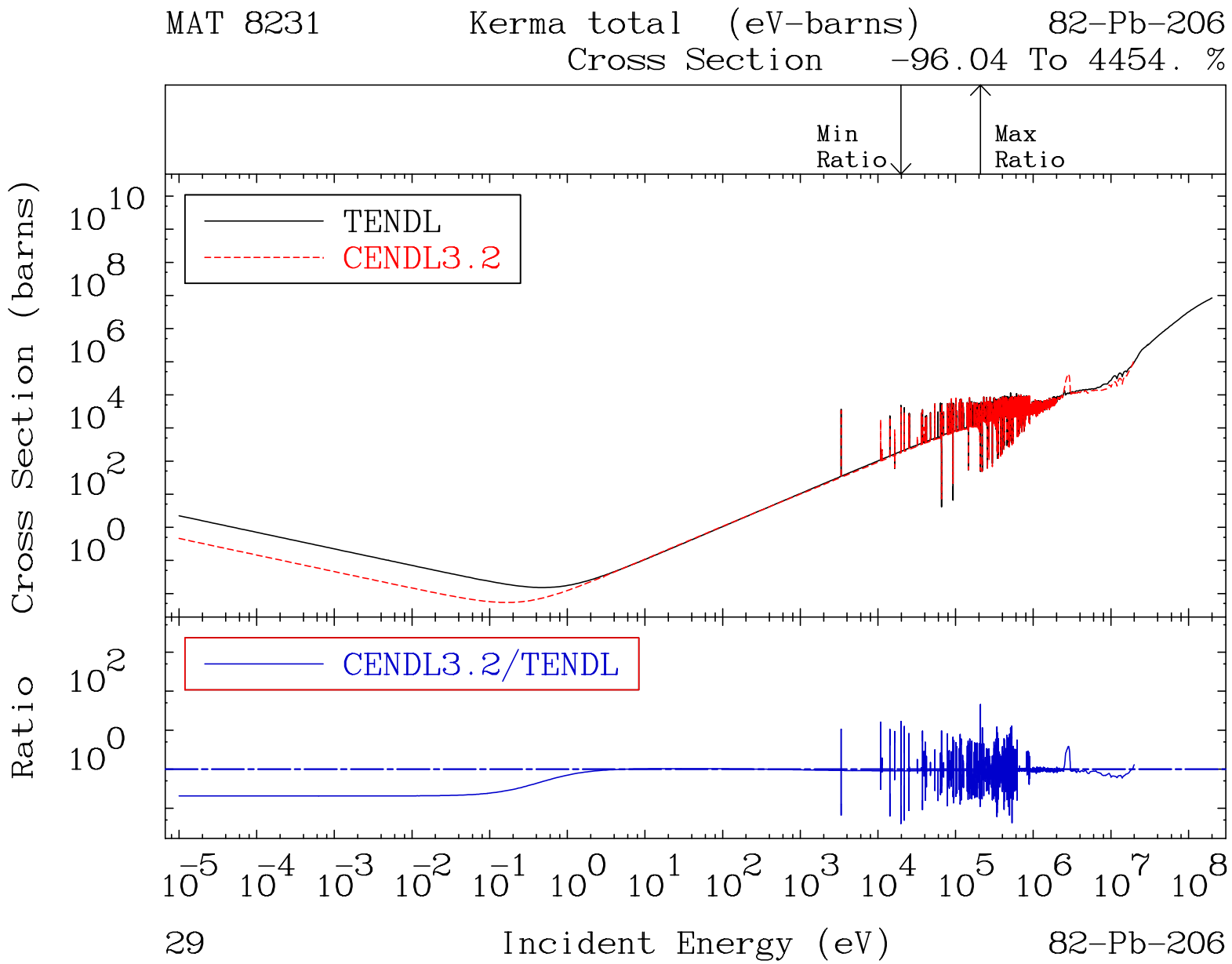

MAT 8231
(n,t)
82-Pb-206
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 6.3488 MeV
CENDL3.2 Threshold 12.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
8
6
4
2
0
120
80
40
0
7 8
10^7
2 3 4 5 6 7 8
10^8
2
24
Incident Energy (eV)
82-Pb-206

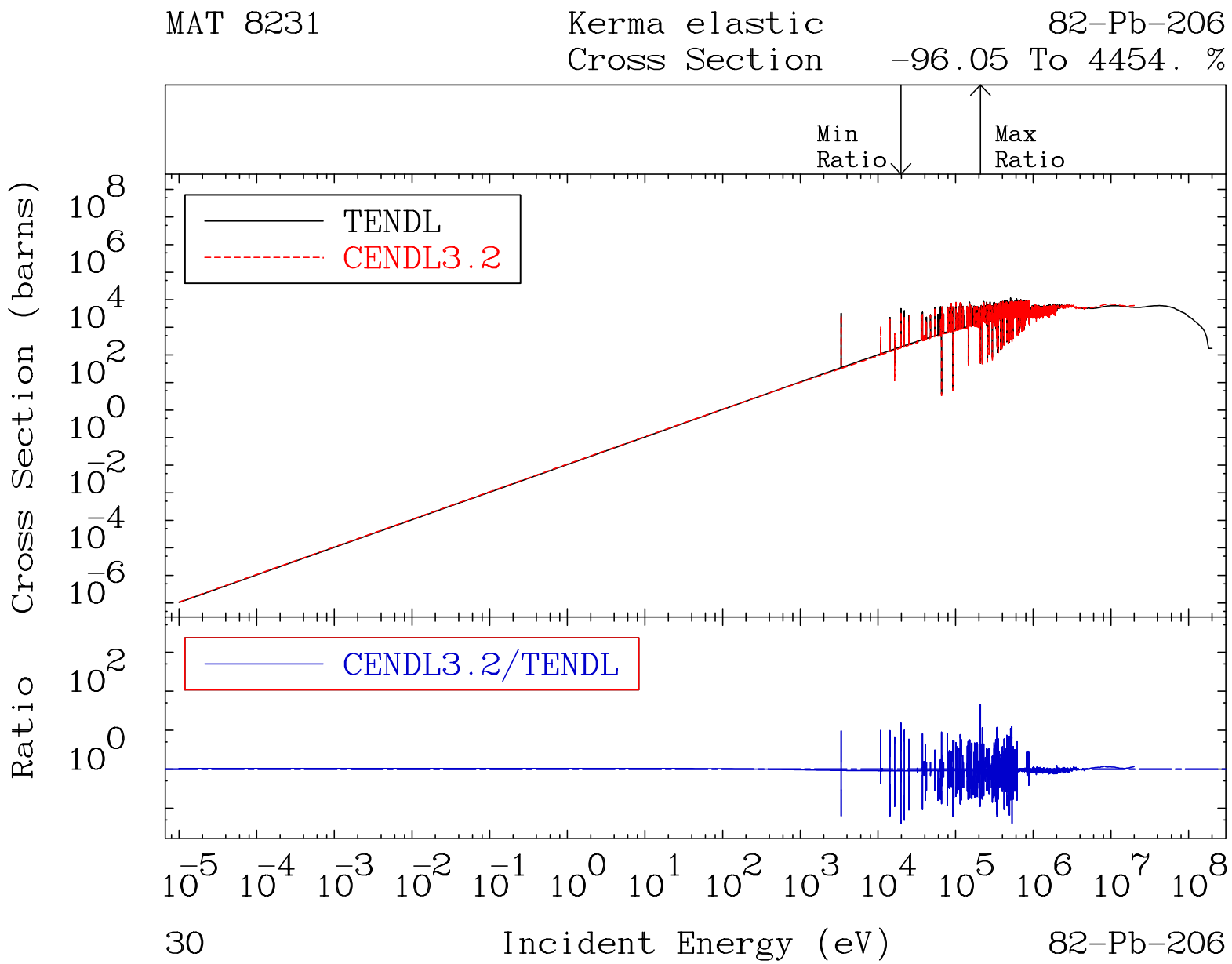

MAT 8231
(n,α)
Cross Section
82-Pb-206
-100.0 To 383.2 %
Min
Ratio
TENDL
CENDL3.2 Threshold 10.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
4
0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
25
Incident Energy (eV)
82-Pb-206

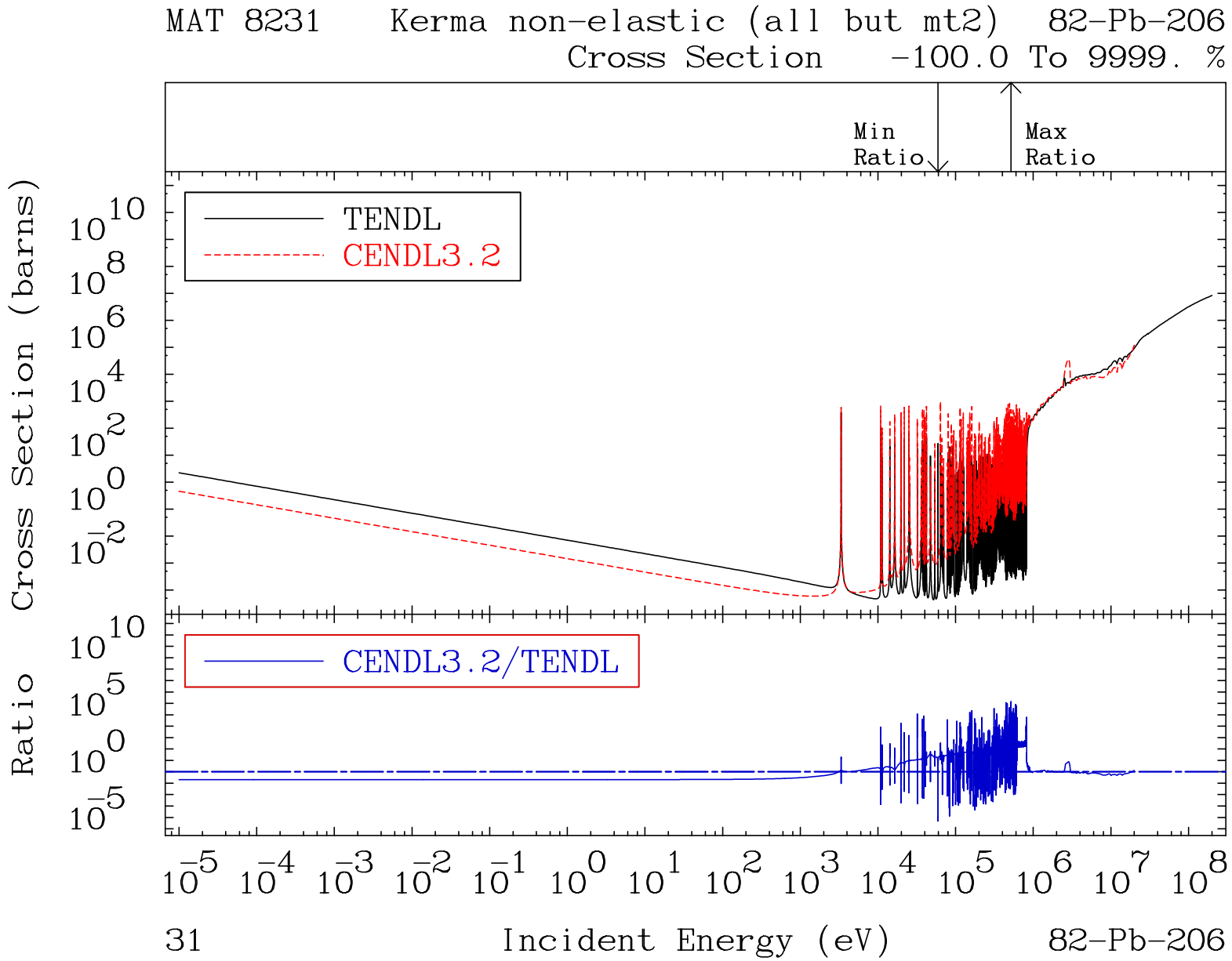

MAT 8231
Hydrogen Production
82-Pb-206
Cross Section
-100.0 To -21.39%
Min Ratio
Max Ratio
TENDL Threshold 1.0803 MeV
CENDL3.2 Threshold 8.0000 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
1.0
0.8
0.6
0.4
0.2
0.0
1.2
0.8
0.4
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
26
Incident Energy (eV)
82-Pb-206

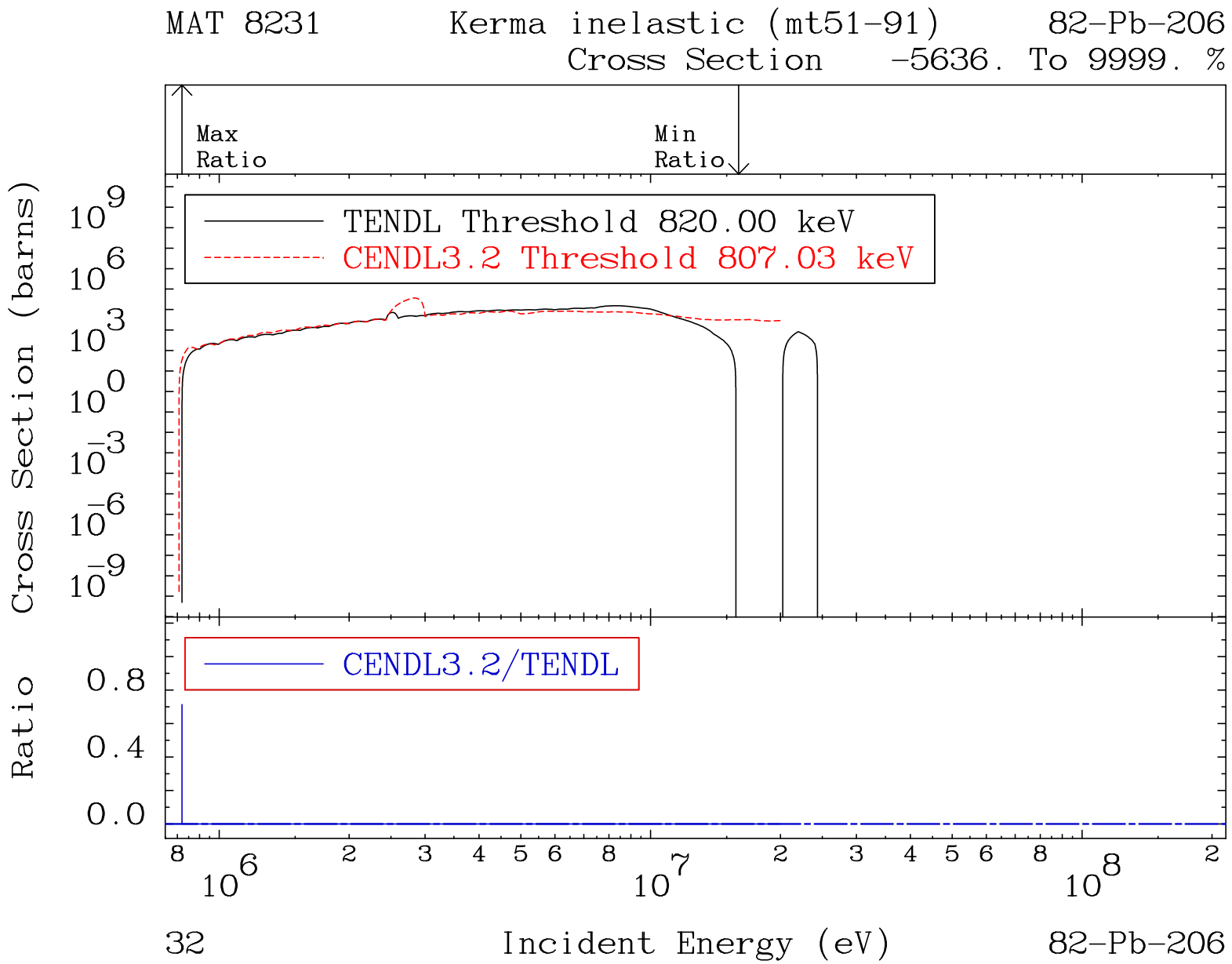

MAT 8231
Tritium Production
82-Pb-206
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 6.3488 MeV
CENDL3.2 Threshold 12.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
120
80
40
0
7 8
10^7
2 3 4 5 6 7 8
10^8
2
27
Incident Energy (eV)
82-Pb-206

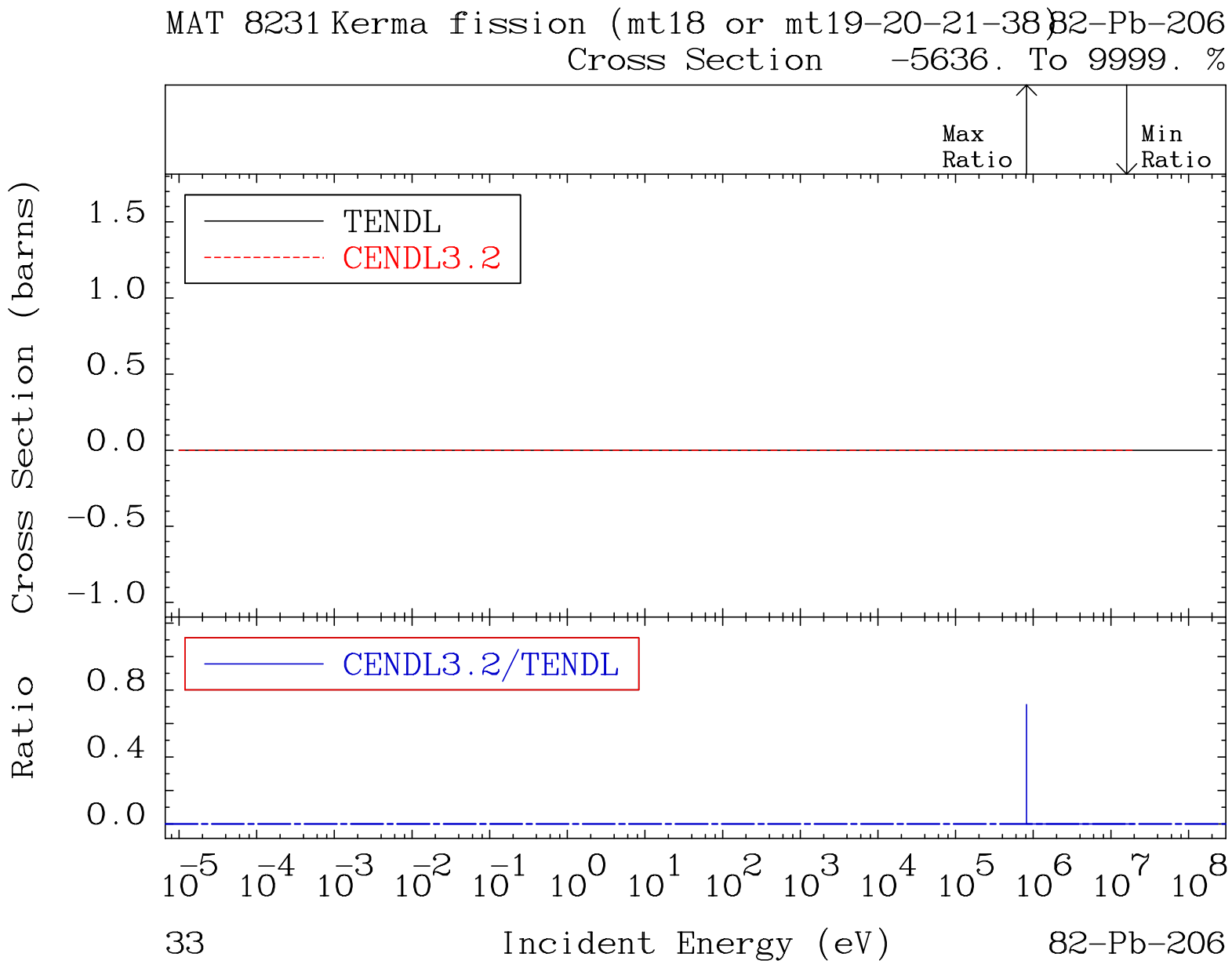

MAT 8231
He-4 Production
Cross Section
82-Pb-206
-100.0 To 278.1 %
Min
Ratio
TENDL
CENDL3.2 Threshold 10.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
350
300
250
200
150
100
50
0
4
2
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
28
Incident Energy (eV)
82-Pb-206

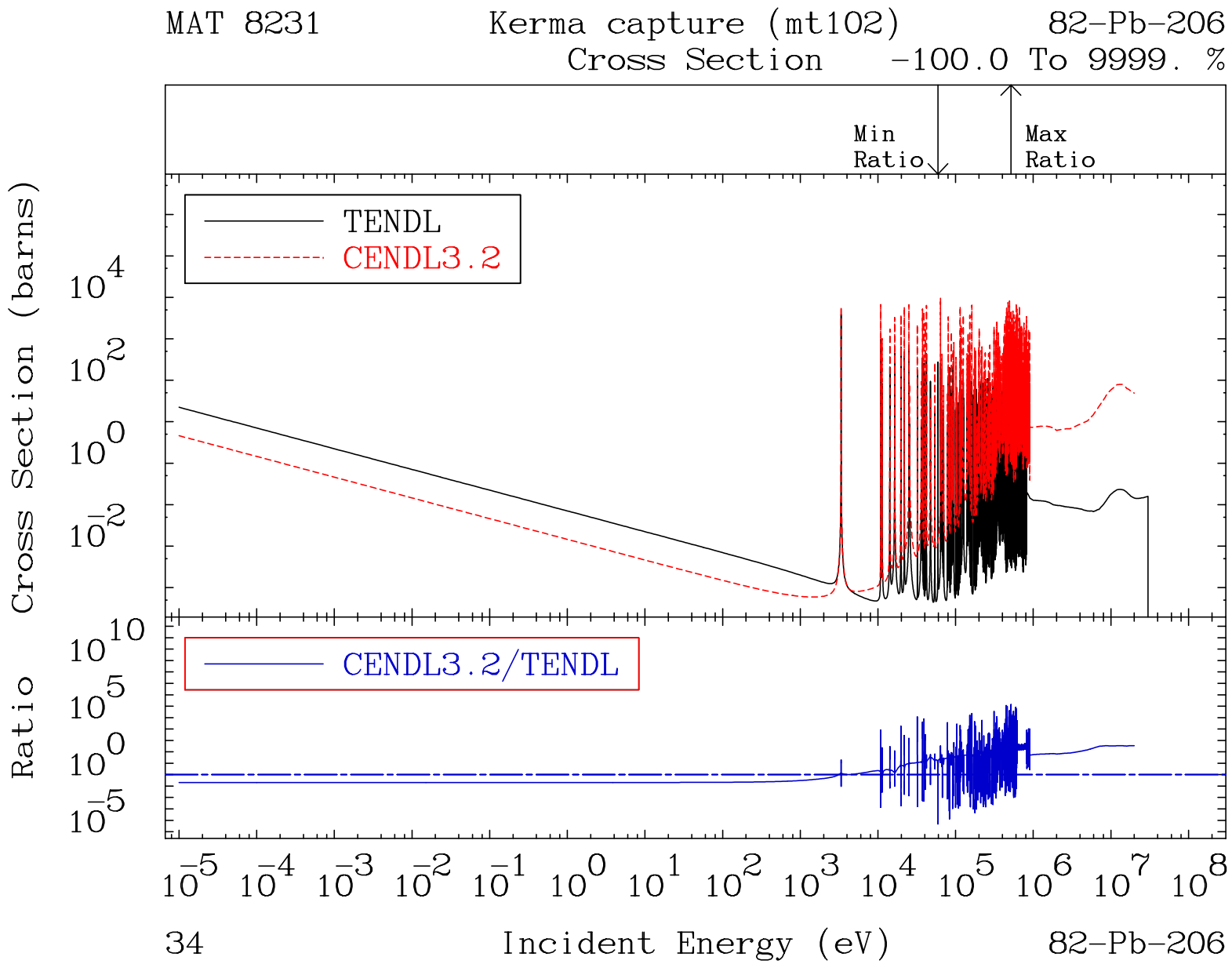

MAT 8231
Kerma total (eV-barns)
82-Pb-206
Cross Section -96.04 To 4454. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
29
82-Pb-206

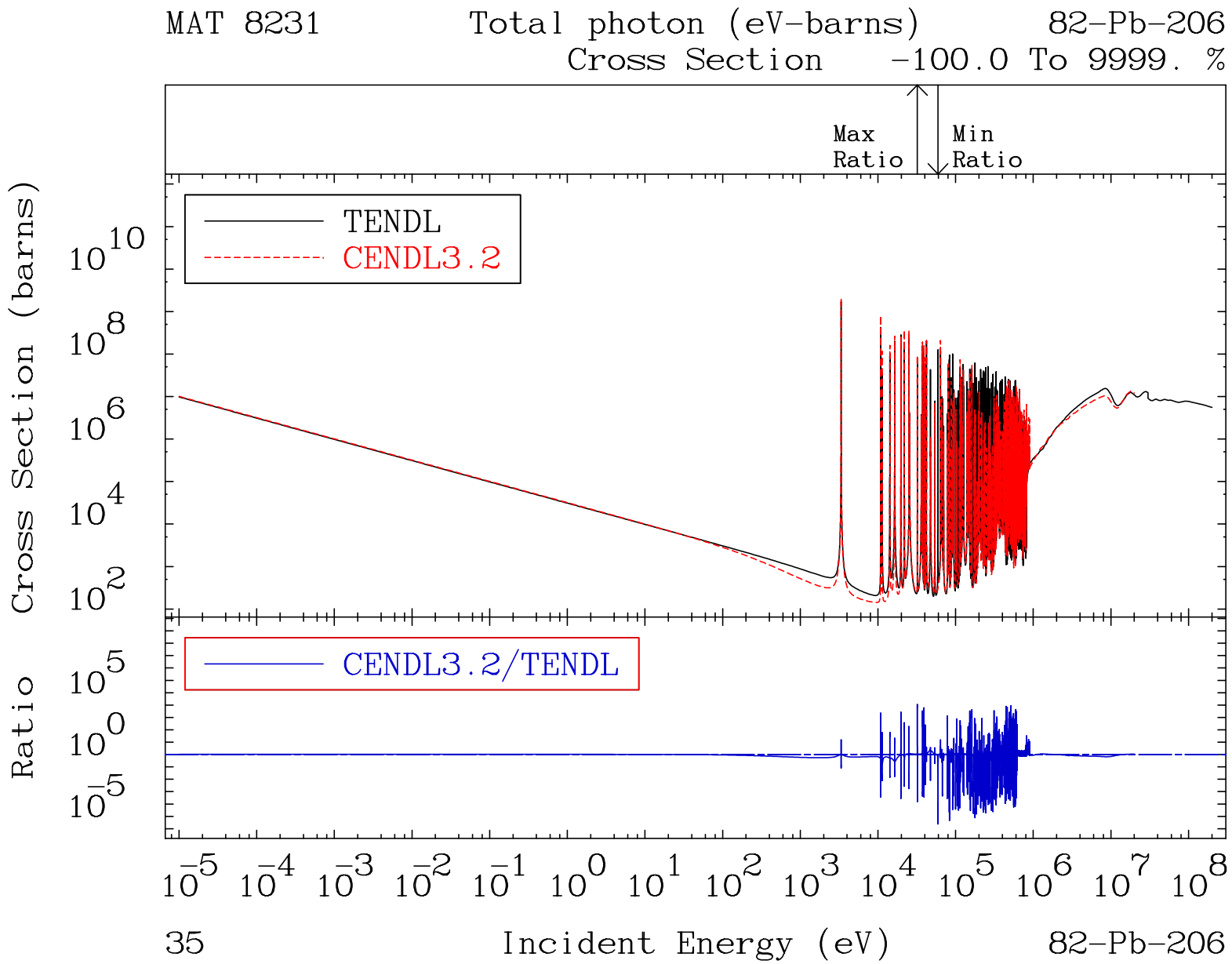

MAT 8231
Kerma elastic
Cross Section
82-Pb-206
-96.05 To 4454. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
30
82-Pb-206

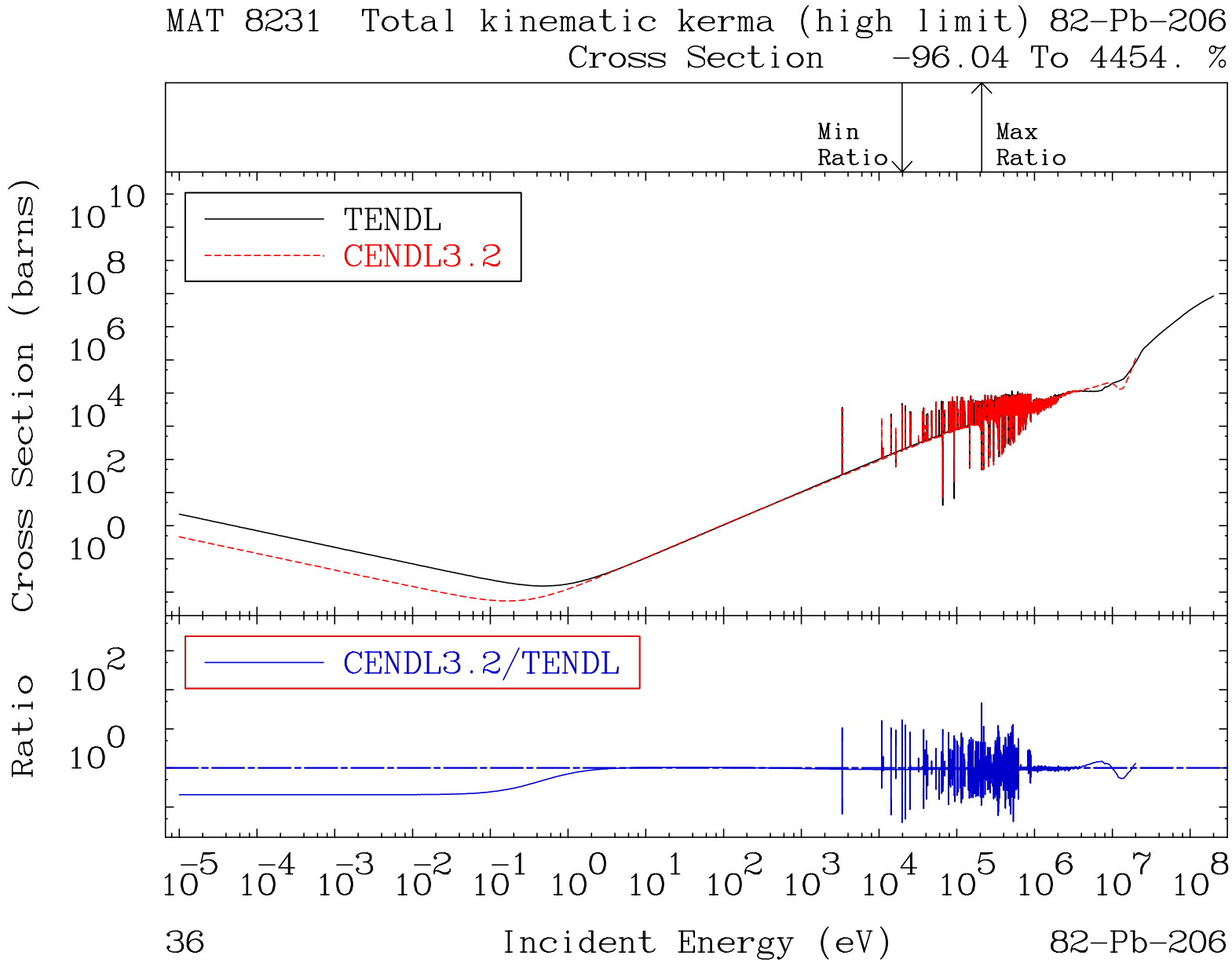

MAT 8231 Kerma non-elastic (all but mt2) 82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
31
82-Pb-206

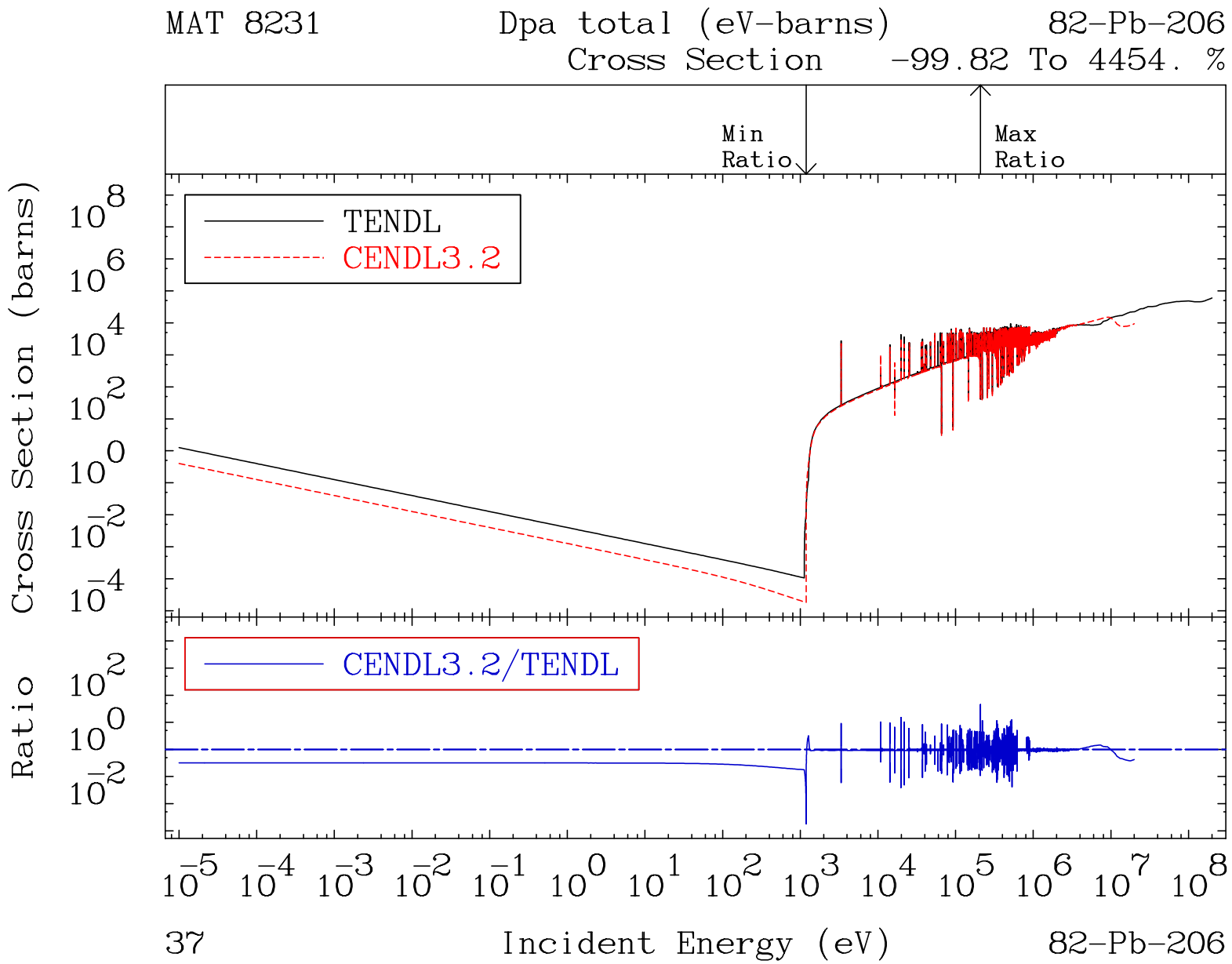

MAT 8231
Kerma inelastic (mt51-91)
82-Pb-206
Cross Section -5636. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 820.00 keV
CENDL3.2 Threshold 807.03 keV
Cross Section (barns)
10^9
10^6
10^3
10^0
10^-3
10^-6
10^-9
CENDL3.2/TENDL
Ratio
0.8
0.4
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
32
Incident Energy (eV)
82-Pb-206

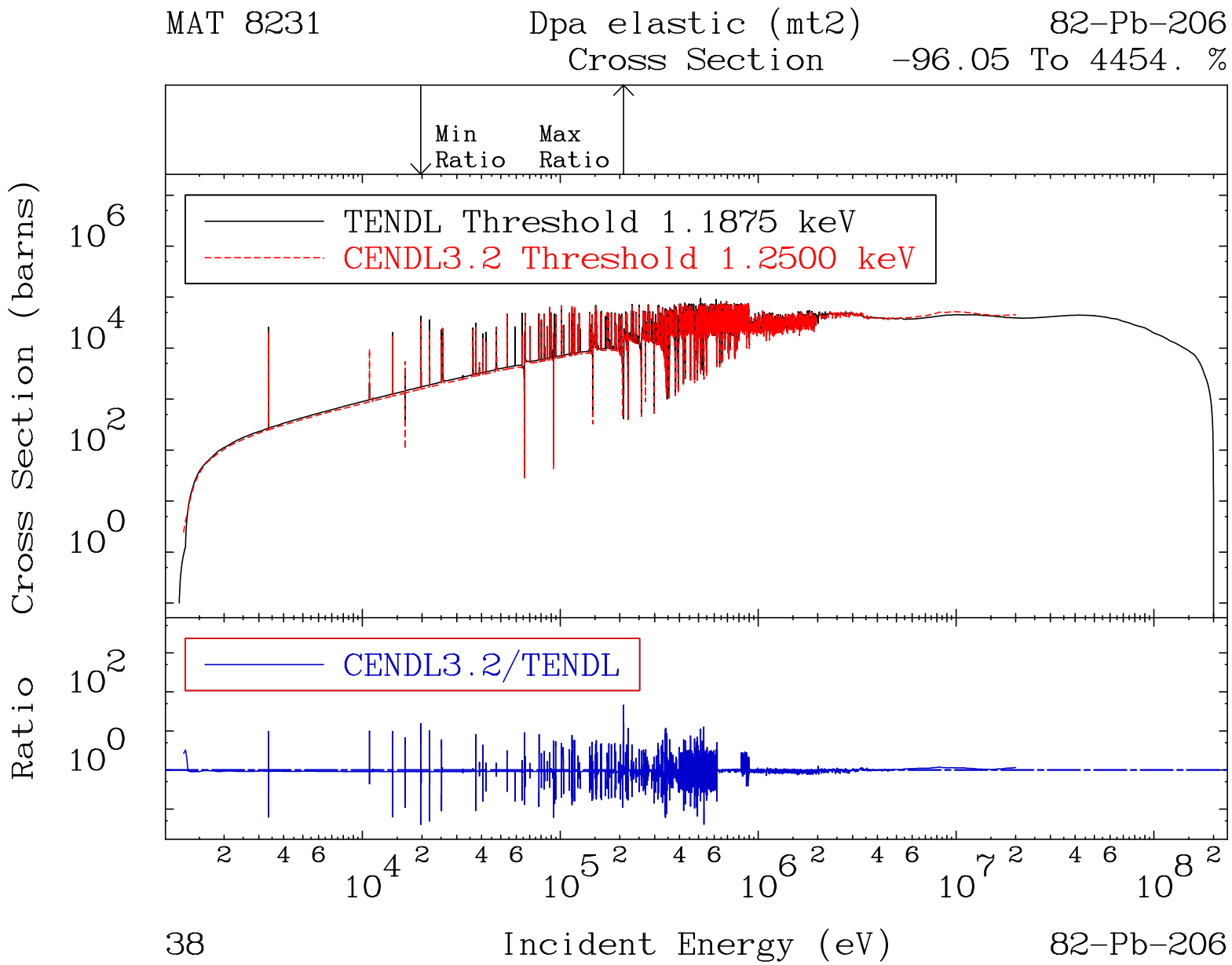

MAT 8231 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-206
Cross Section -5636. To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
0.8
0.4
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
33
Incident Energy (eV)
82-Pb-206

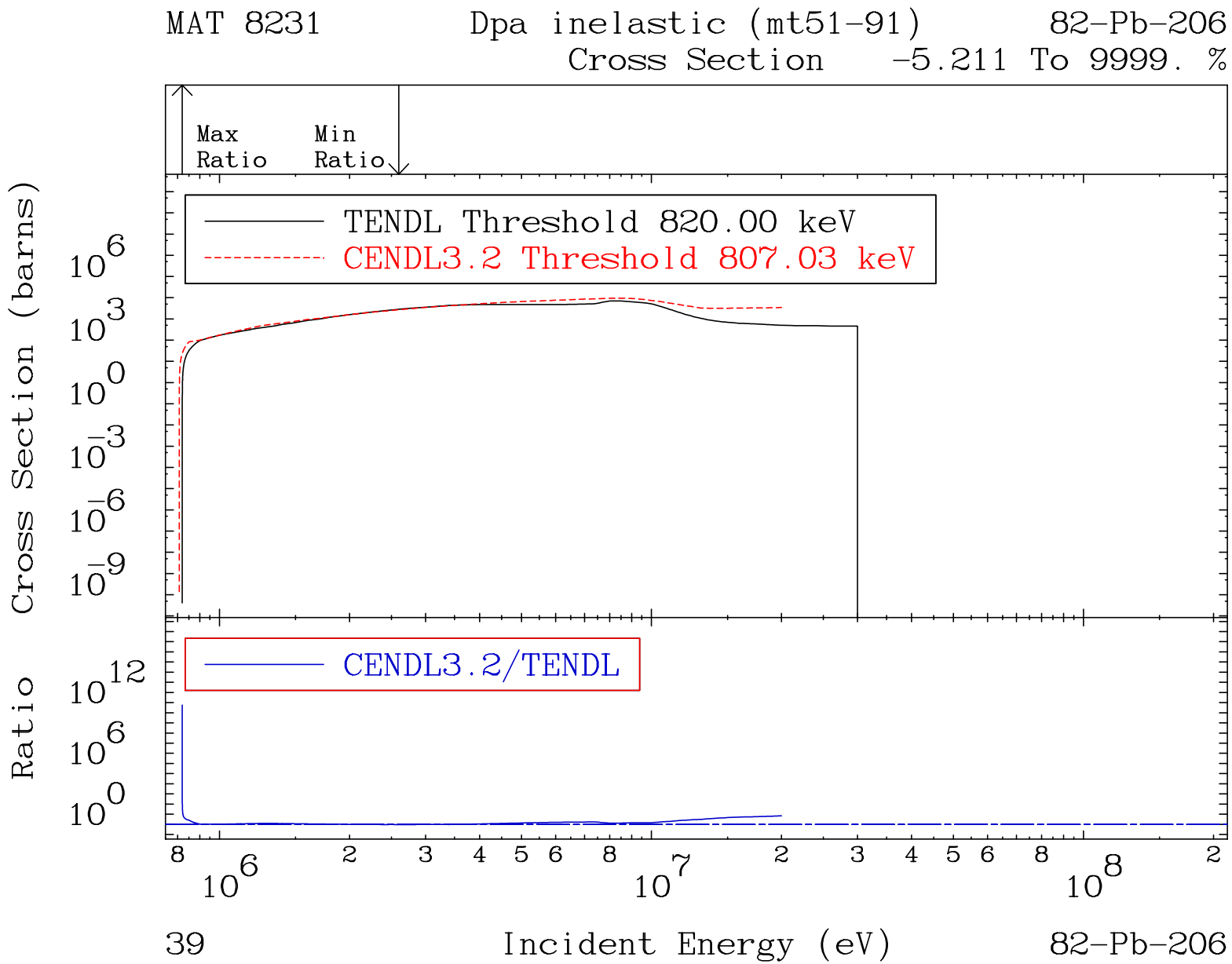

MAT 8231
Kerma capture (mt102)
82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
34
82-Pb-206

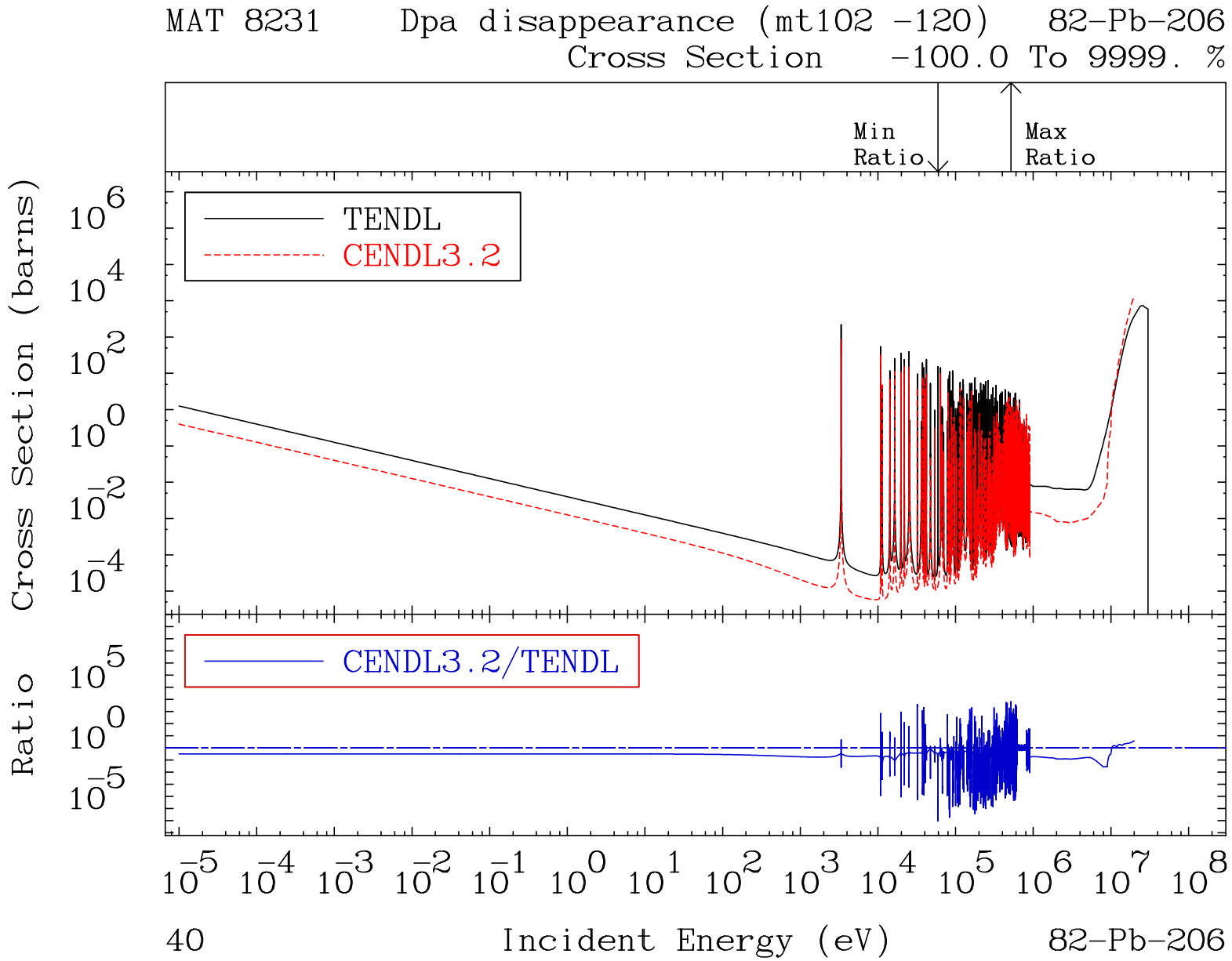

MAT 8231
Total photon (eV-barns)
82-Pb-206
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
Cross Section (barns)
CENDL3.2/TENDL
Ratio
Incident Energy (eV)
35
82-Pb-206

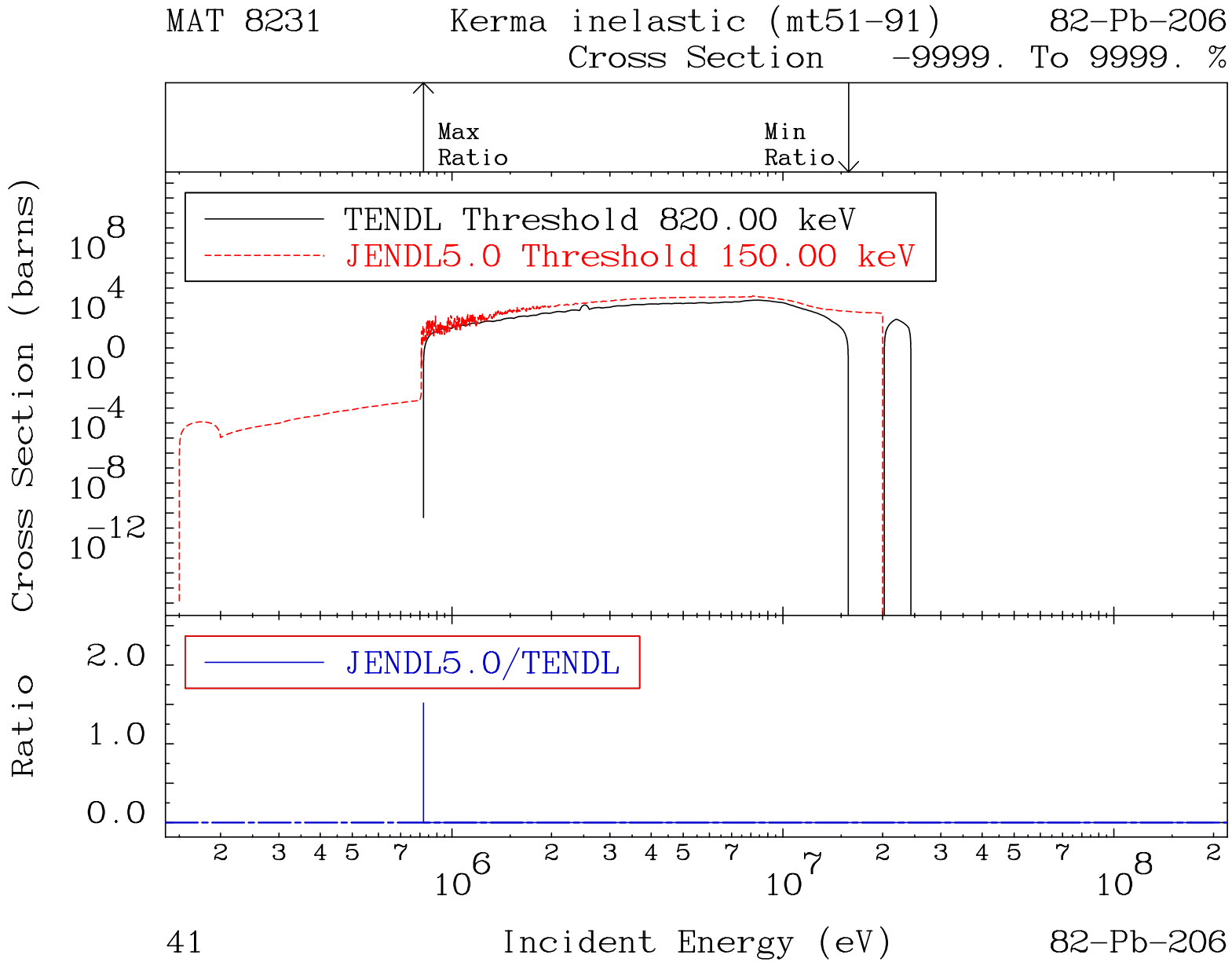

MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
Cross Section -96.04 To 4454. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
Cross Section (barns)
CENDL3.2/TENDL
Ratio
Incident Energy (eV)
36
82-Pb-206

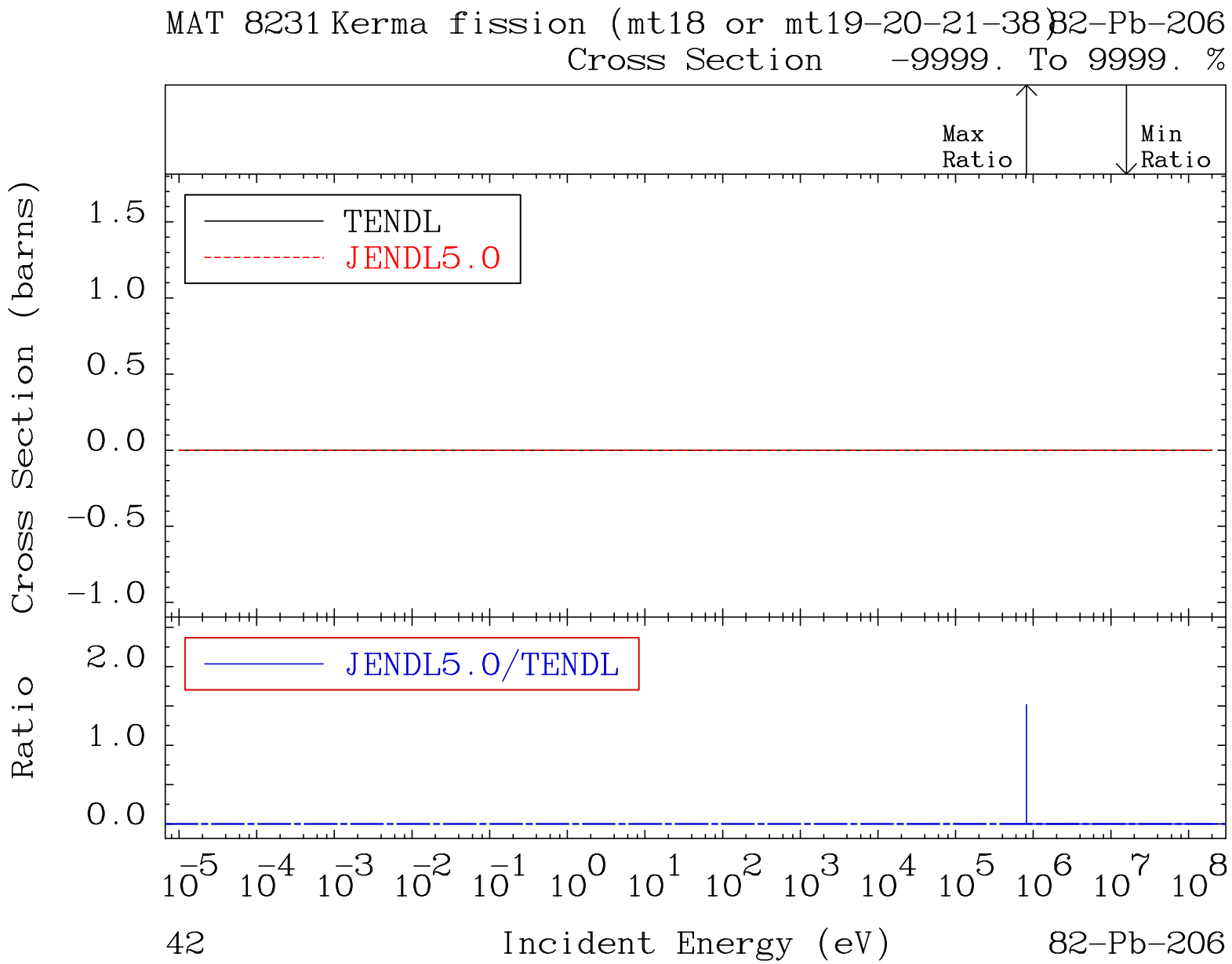

MAT 8231
Dpa total (eV-barns)
82-Pb-206
Cross Section -99.82 To 4454. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
37
82-Pb-206

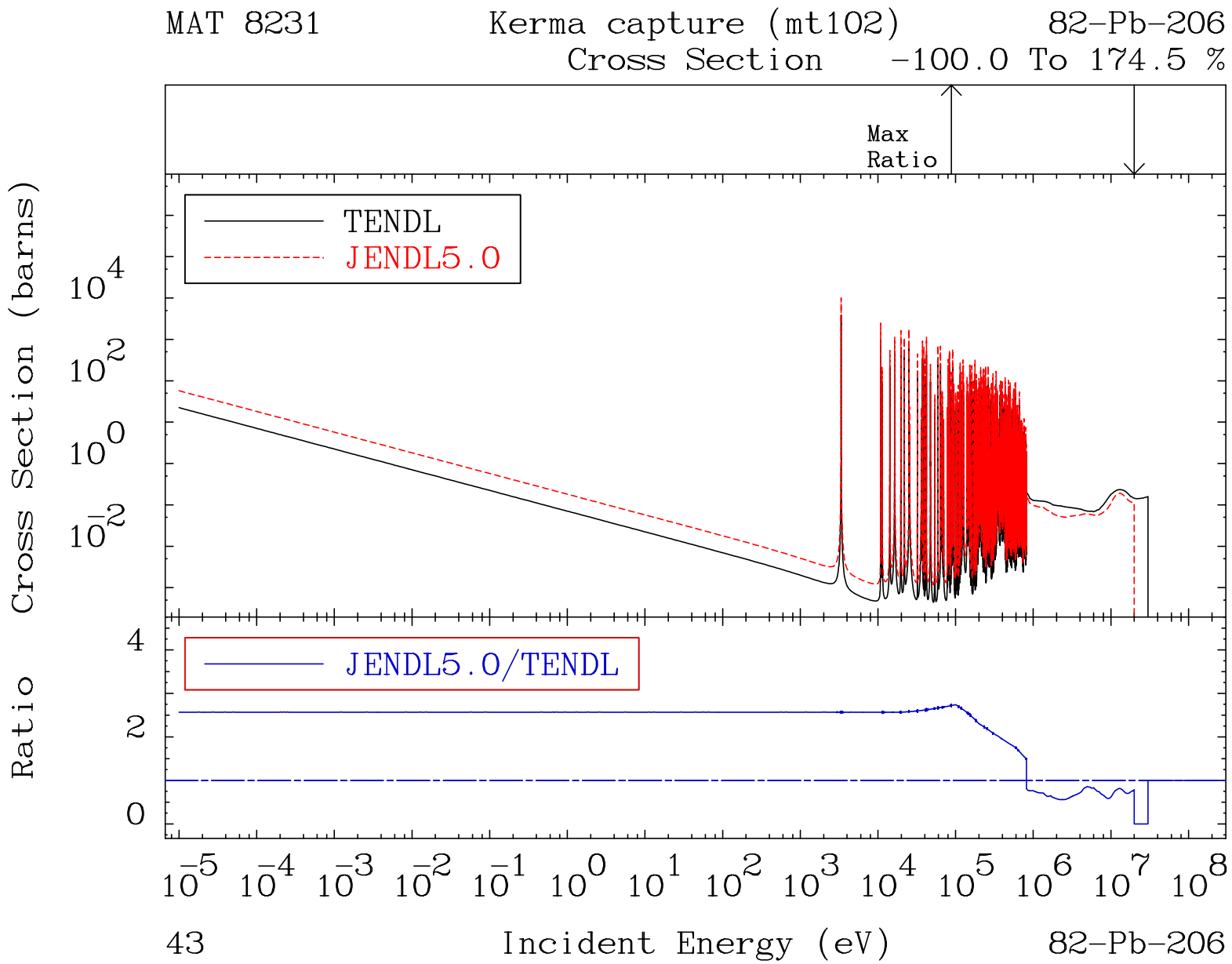

MAT 8231
Dpa elastic (mt2)
Cross Section
82-Pb-206
-96.05 To 4454. %
Min Ratio
Max Ratio
TENDL Threshold 1.1875 keV
CENDL3.2 Threshold 1.2500 keV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
38
82-Pb-206

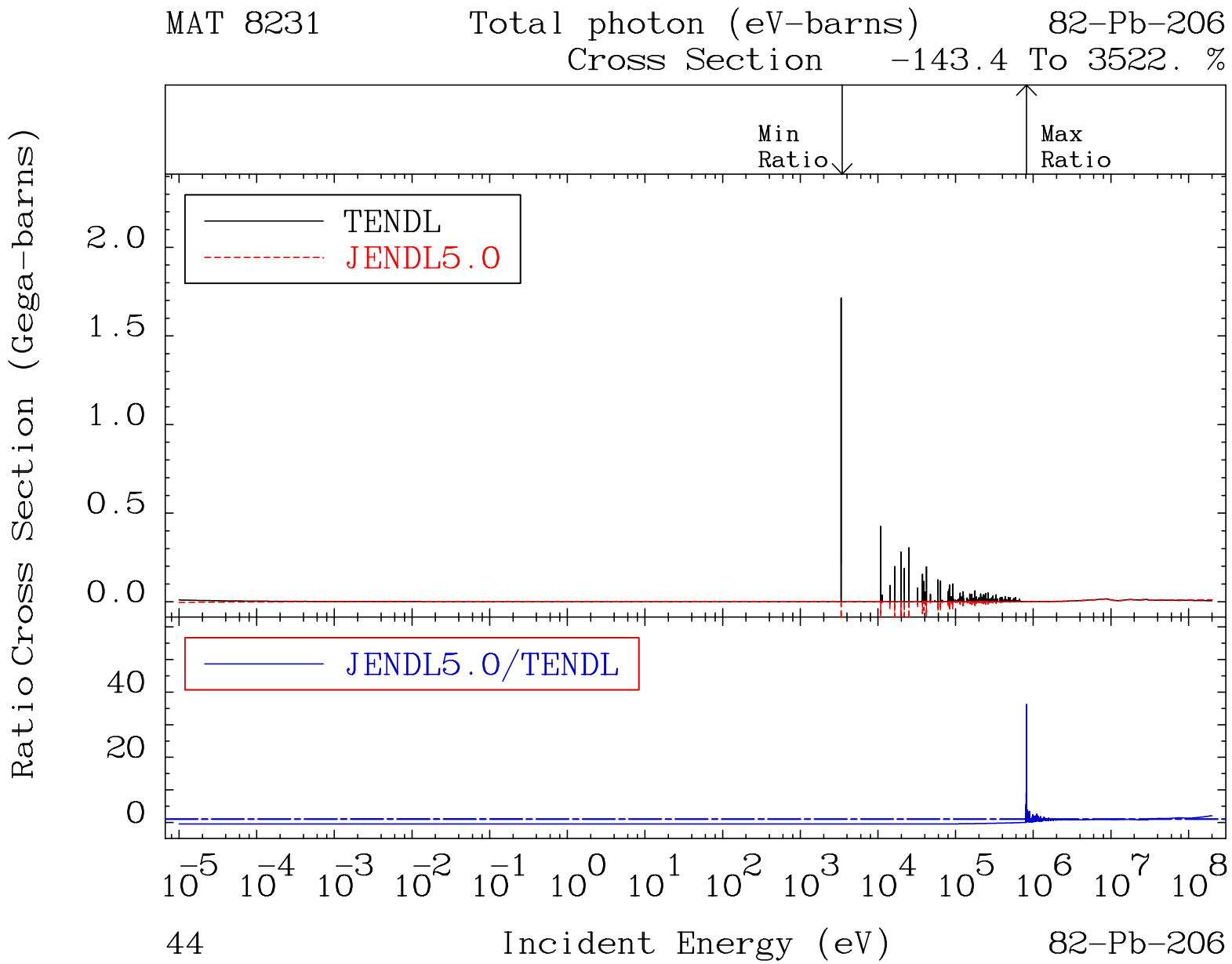

MAT 8231
Dpa inelastic (mt51-91)
82-Pb-206
Cross Section -5.211 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 820.00 keV
CENDL3.2 Threshold 807.03 keV
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
CENDL3.2/TENDL
Ratio
10^12
10^6
10^0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
39
Incident Energy (eV)
82-Pb-206

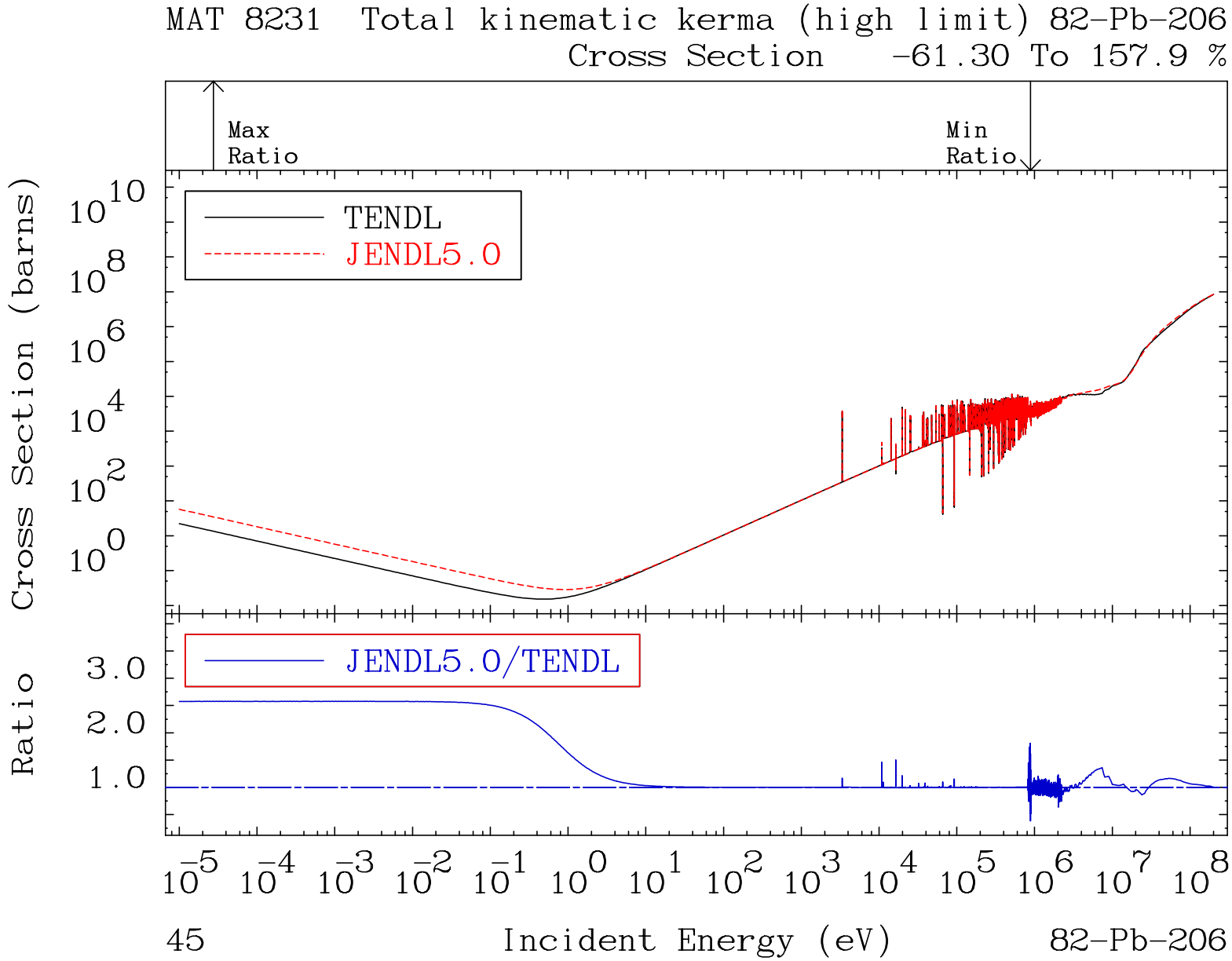

MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
40
82-Pb-206

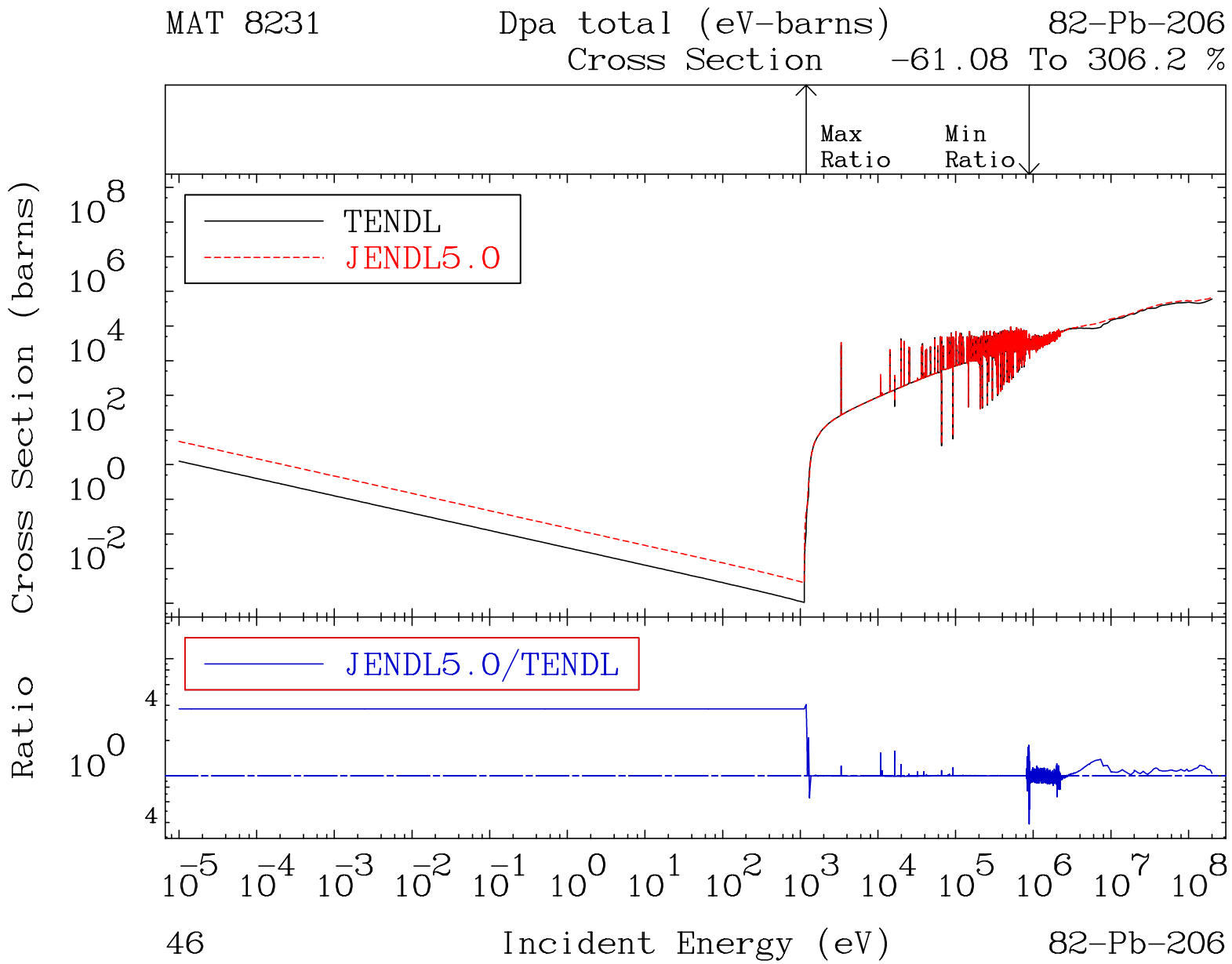

MAT 8231
Kerma inelastic (mt51-91)
82-Pb-206
Cross Section -9999. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 820.00 keV
JENDL5.0 Threshold 150.00 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
41
82-Pb-206

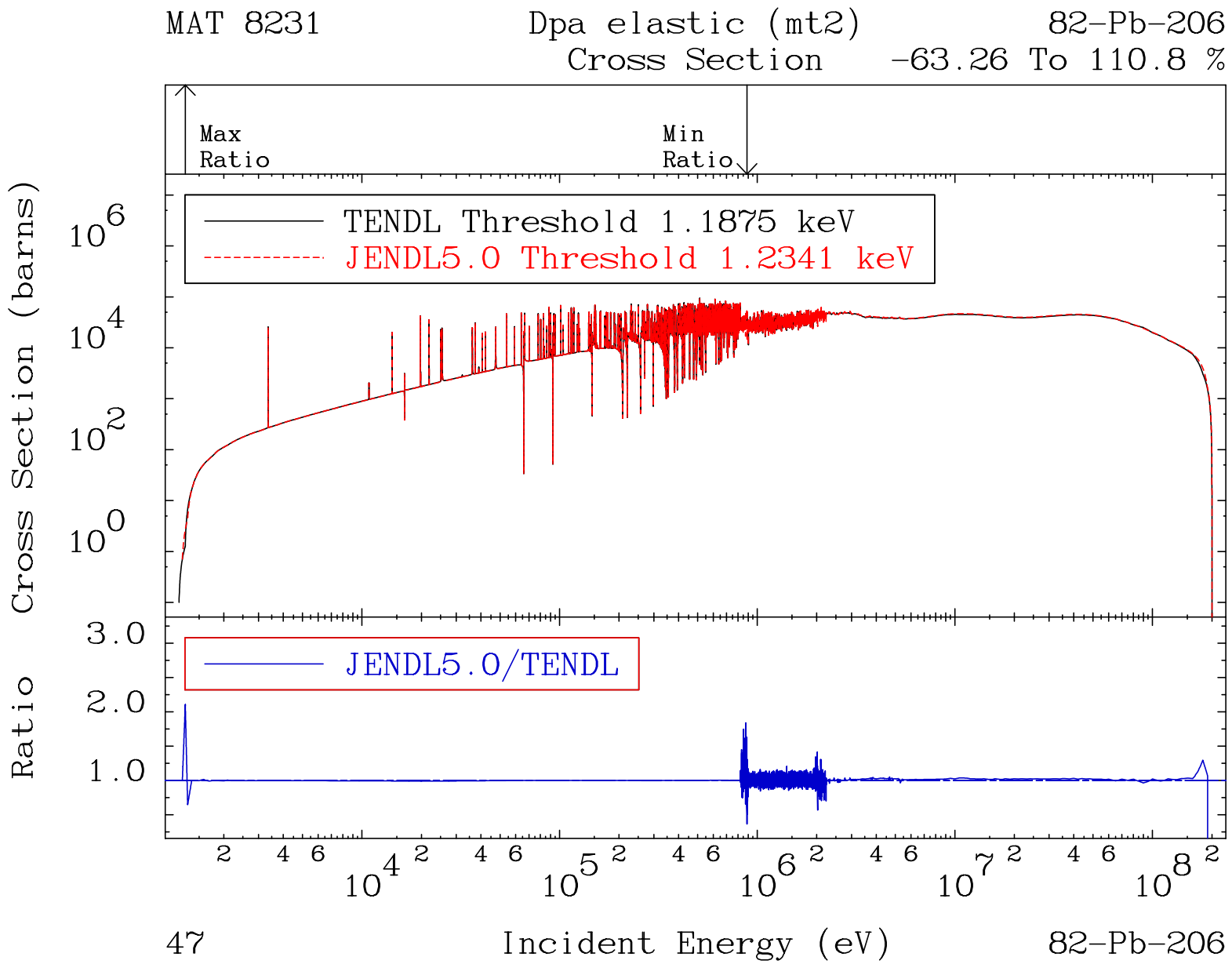

MAT 8231 Kerma fission (mt18 or mt19-20-21-38) 82-Pb-206
Cross Section -9999. To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
2.0
1.0
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
42
Incident Energy (eV)
82-Pb-206

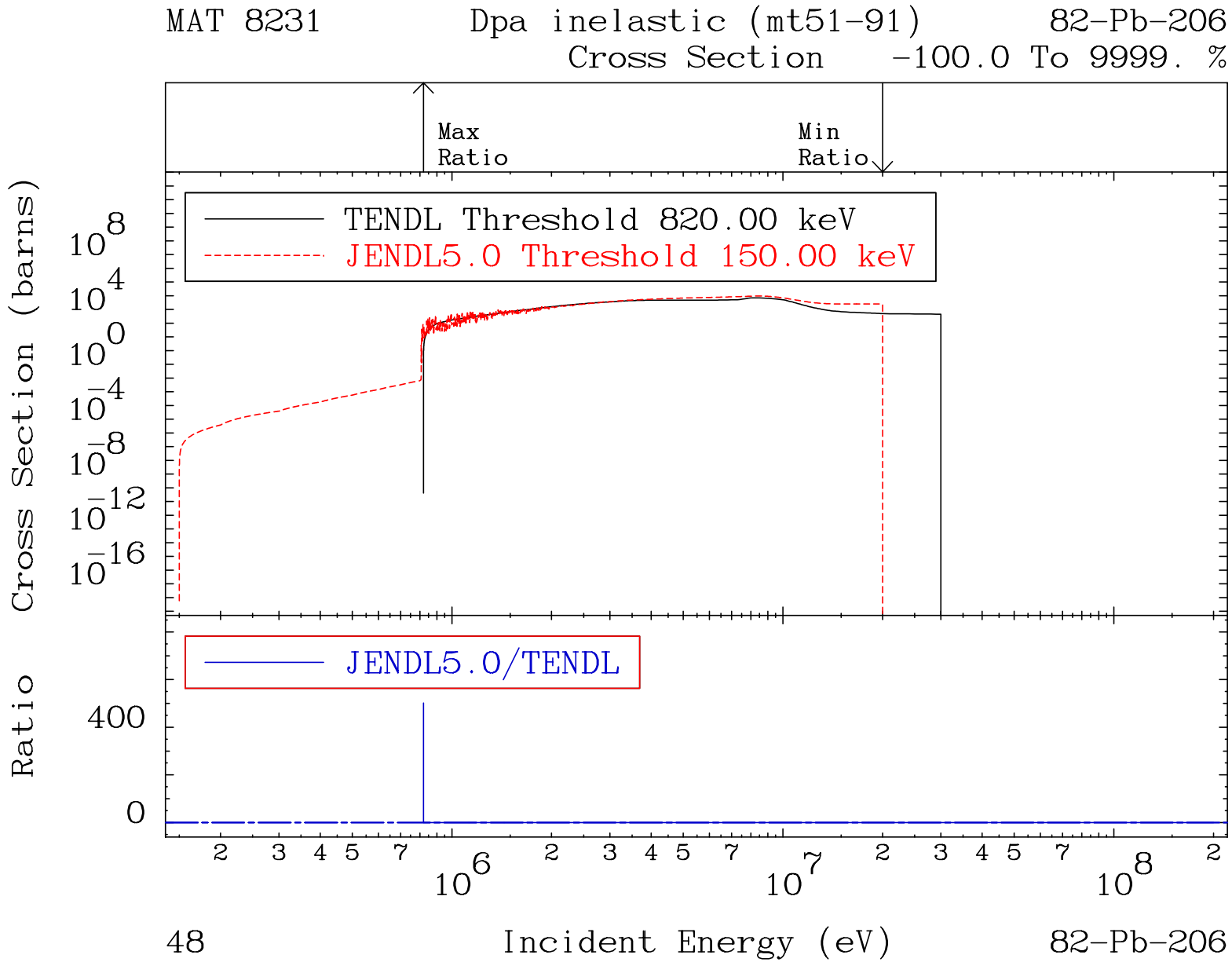

MAT 8231
Kerma capture (mt102)
82-Pb-206
Cross Section -100.0 To 174.5 %
Max
Ratio
TENDL
JENDL5.0
Cross Section (barns)
10^4
10^2
10^0
10^-2
JENDL5.0/TENDL
Ratio
4
2
0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
43
Incident Energy (eV)
82-Pb-206

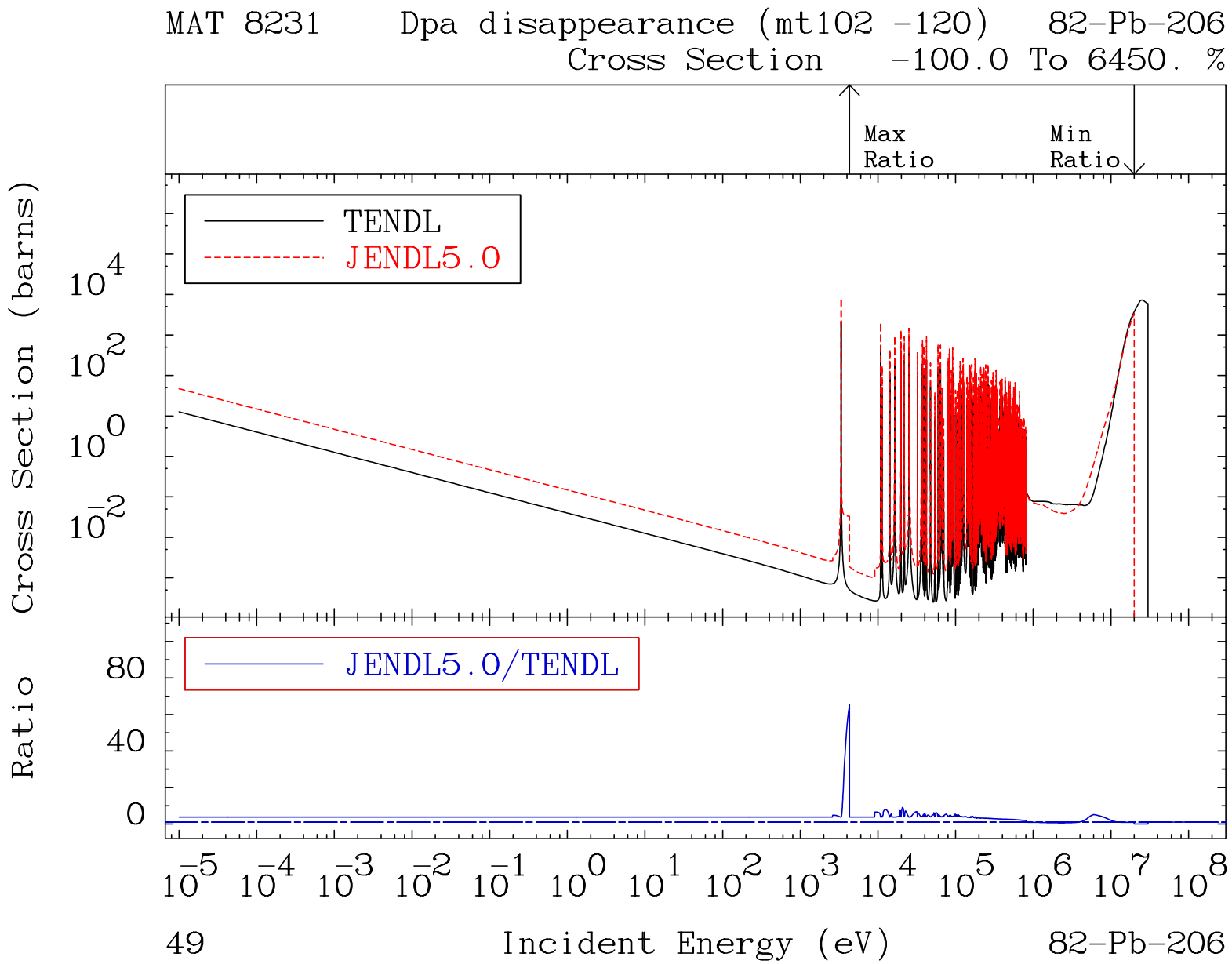

MAT 8231
Total photon (eV-barns)
82-Pb-206
Cross Section -143.4 To 3522. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Ratio Cross Section (Giga-barns)
2.0
1.5
1.0
0.5
0.0
40
20
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
44
Incident Energy (eV)
82-Pb-206

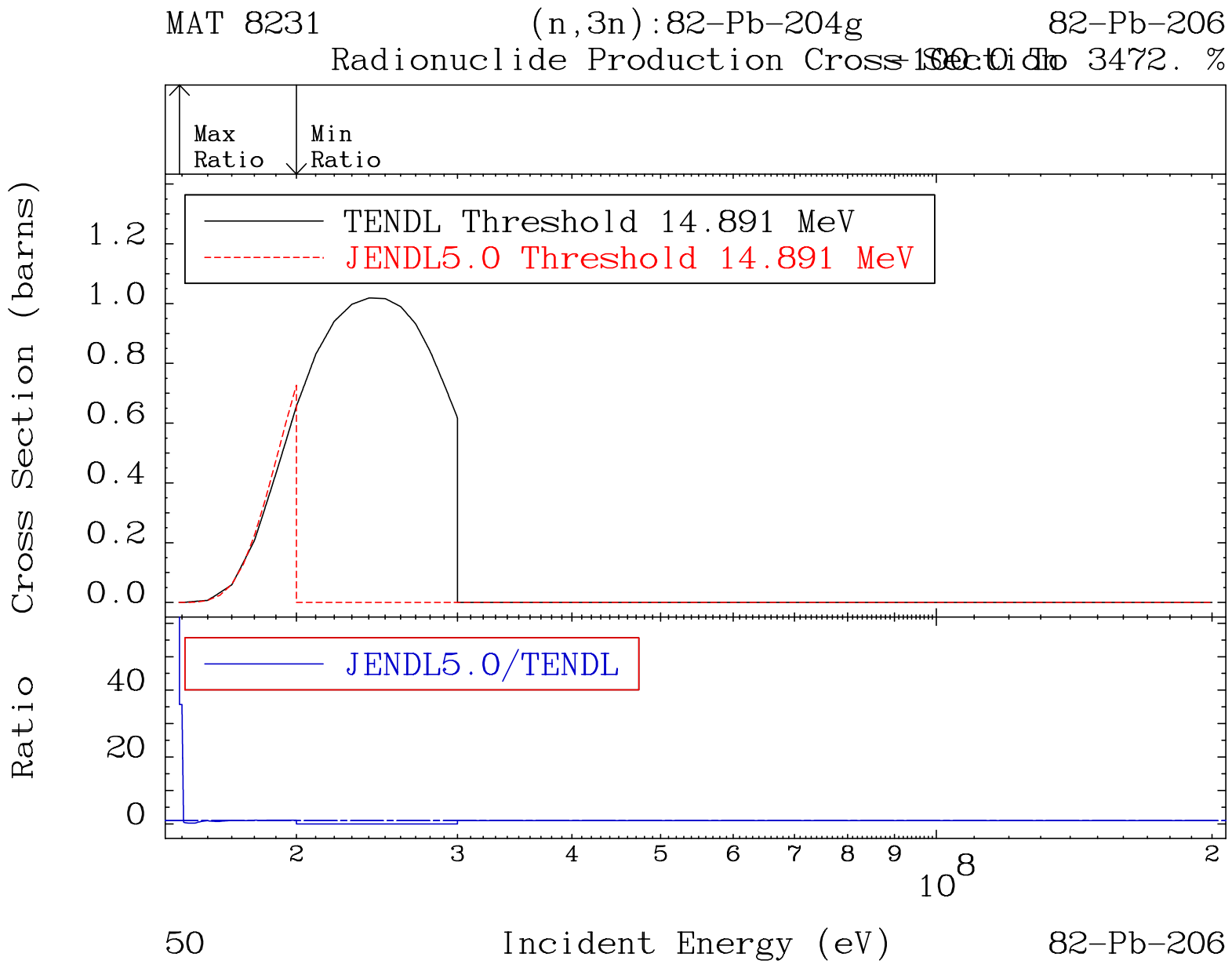

MAT 8231 Total kinematic kerma (high limit) 82-Pb-206
Cross Section -61.30 To 157.9 %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
45
82-Pb-206

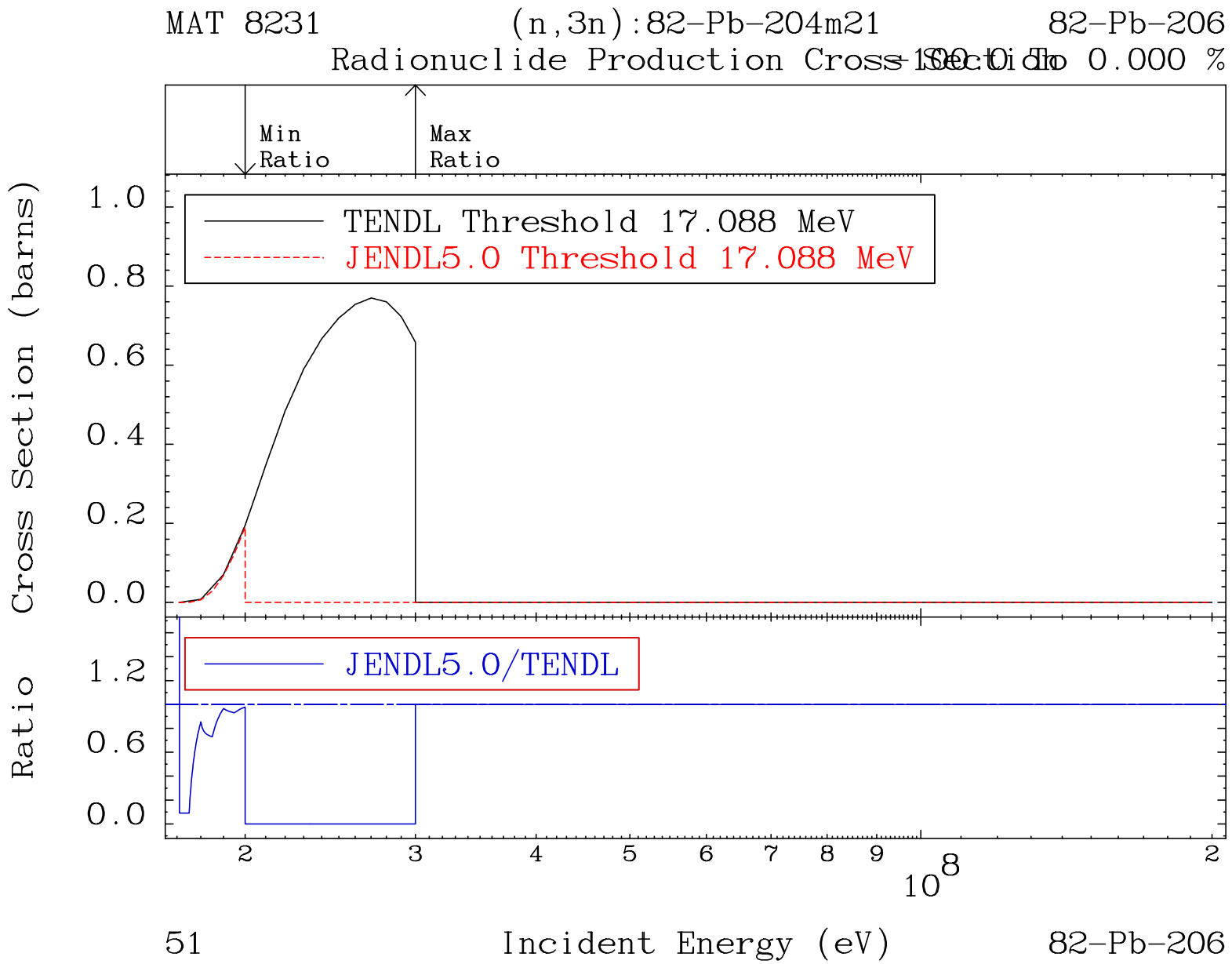

MAT 8231
Dpa total (eV-barns)
82-Pb-206
Cross Section -61.08 To 306.2 %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
46
82-Pb-206

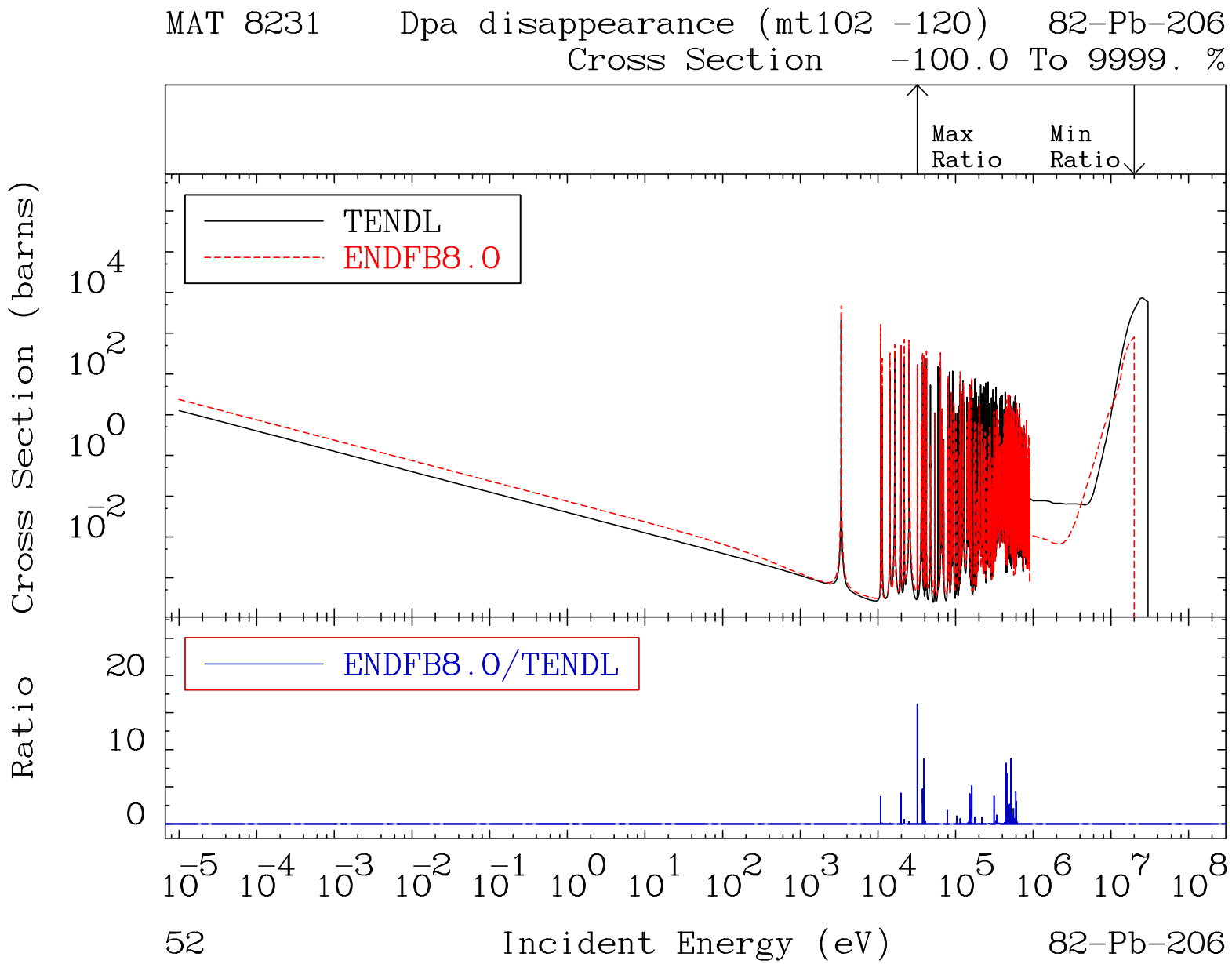

MAT 8231
Dpa elastic (mt2)
Cross Section
82-Pb-206
-63.26 To 110.8 %
Max Ratio
Min Ratio
TENDL Threshold 1.1875 keV
JENDL5.0 Threshold 1.2341 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
47
82-Pb-206

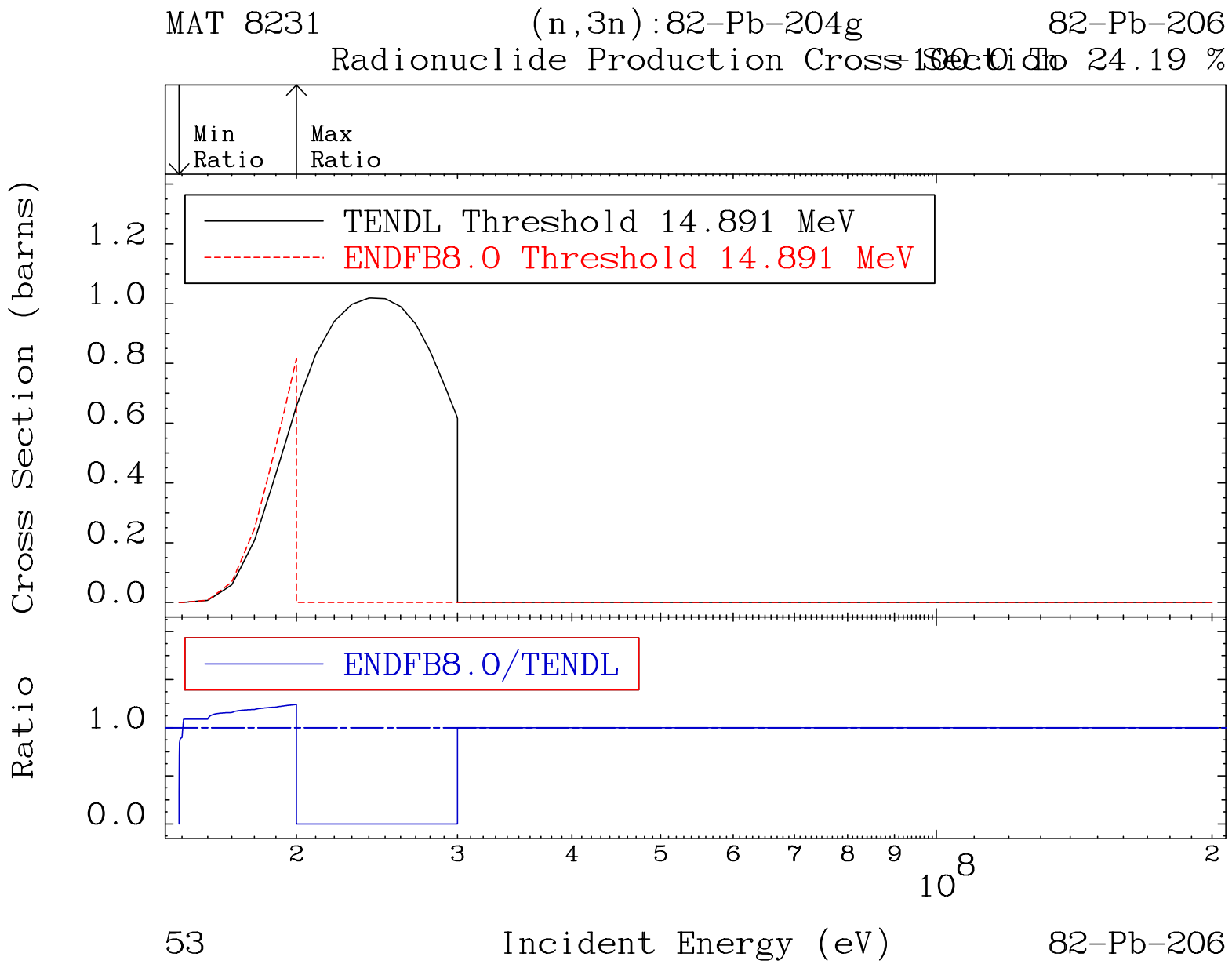

MAT 8231
Dpa inelastic (mt51-91)
82-Pb-206
Cross Section
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 820.00 keV
JENDL5.0 Threshold 150.00 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
48
82-Pb-206

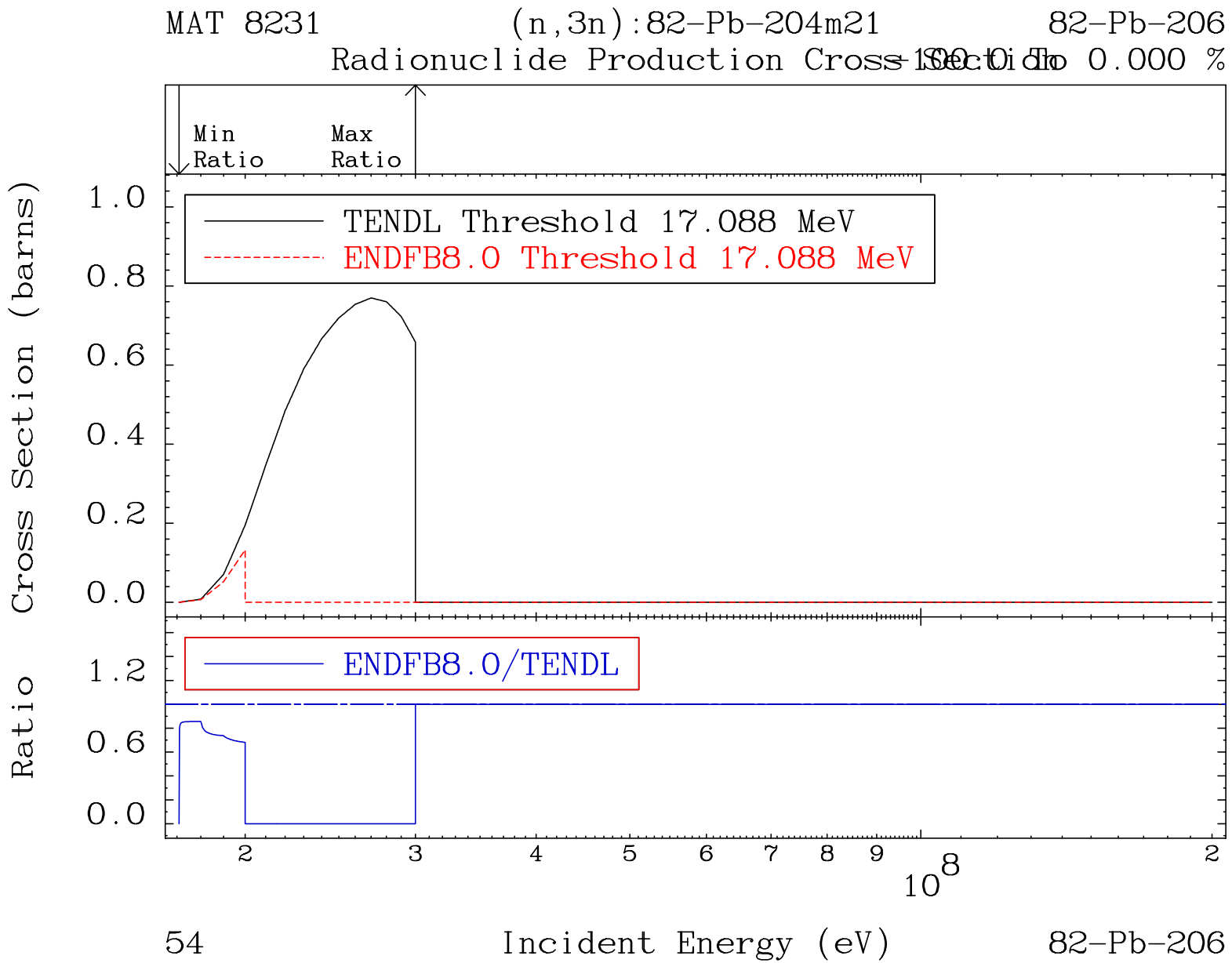

MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
Cross Section -100.0 To 6450. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
49
82-Pb-206


MAT 8231
(n,3n):82-Pb-204g
82-Pb-206
Radionuclide Production Cross Section To 3472. %
Max Ratio
Min Ratio
TENDL Threshold 14.891 MeV
JENDL5.0 Threshold 14.891 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JENDL5.0/TENDL
Ratio
40
20
0
2
3
4
5
6
7
8
9
2
10^8
50
Incident Energy (eV)
82-Pb-206


MAT 8231
(n,3n):82-Pb-204m21
82-Pb-206
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 17.088 MeV
JENDL5.0 Threshold 17.088 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.0
0.8
0.6
0.4
0.2
0.0
1.2
0.6
0.0
2
3
4
5
6
7
8
9
10^8
2
51
Incident Energy (eV)
82-Pb-206


MAT 8231 Dpa disappearance (mt102 -120) 82-Pb-206
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
10^4
10^2
10^0
10^-2
ENDFB8.0/TENDL
Ratio
20
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
52
Incident Energy (eV)
82-Pb-206


MAT 8231
(n,3n):82-Pb-204g
82-Pb-206
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 14.891 MeV
ENDFB8.0 Threshold 14.891 MeV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2
3
4
5
6
7
8
9
10^8
2
53
Incident Energy (eV)
82-Pb-206


MAT 8231
(n,3n):82-Pb-204m21
82-Pb-206
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 17.088 MeV
ENDFB8.0 Threshold 17.088 MeV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
1.0
0.8
0.6
0.4
0.2
0.0
1.2
0.6
0.0
2
3
4
5
6
7
8
9
10^8
2
54
Incident Energy (eV)
82-Pb-206