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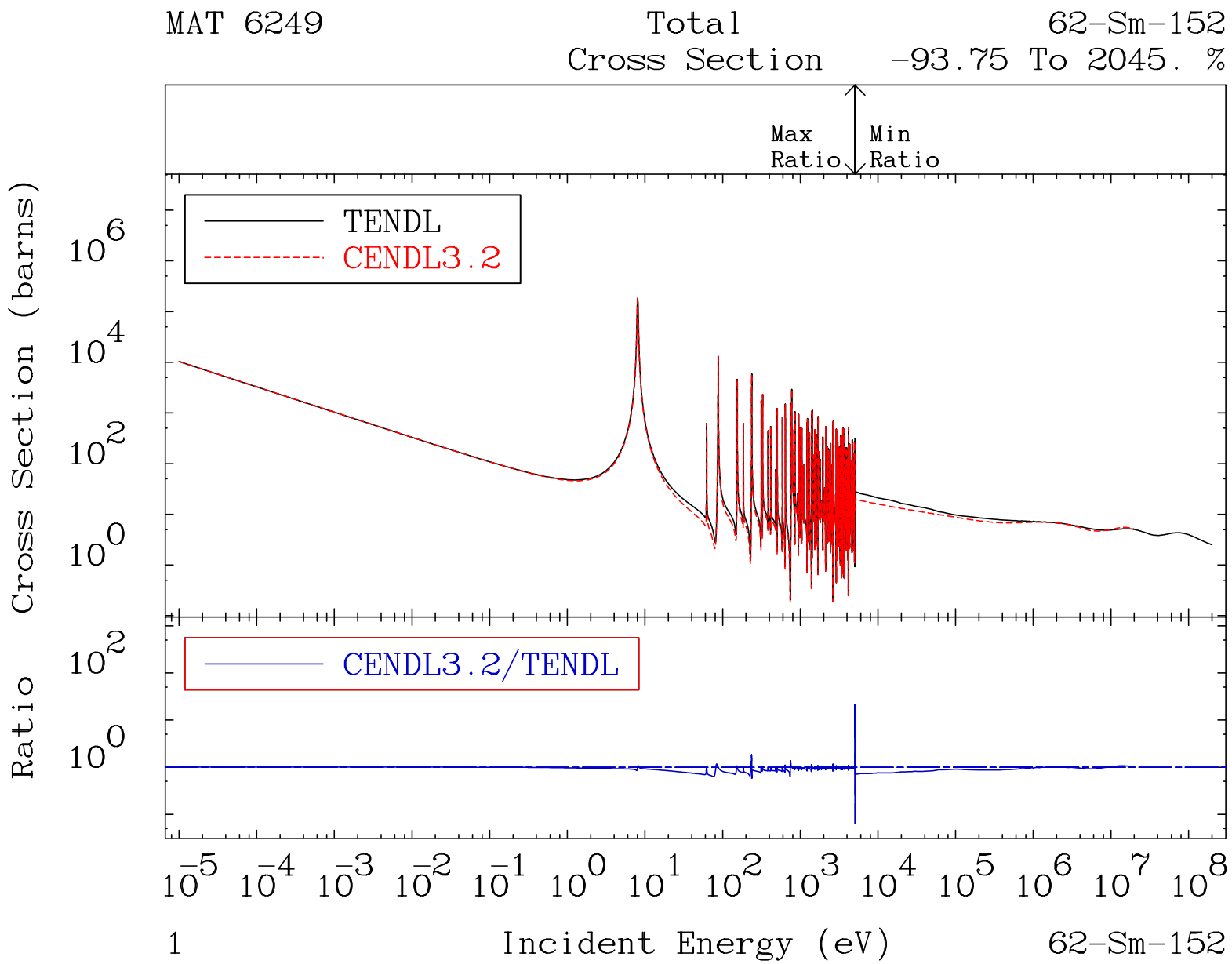
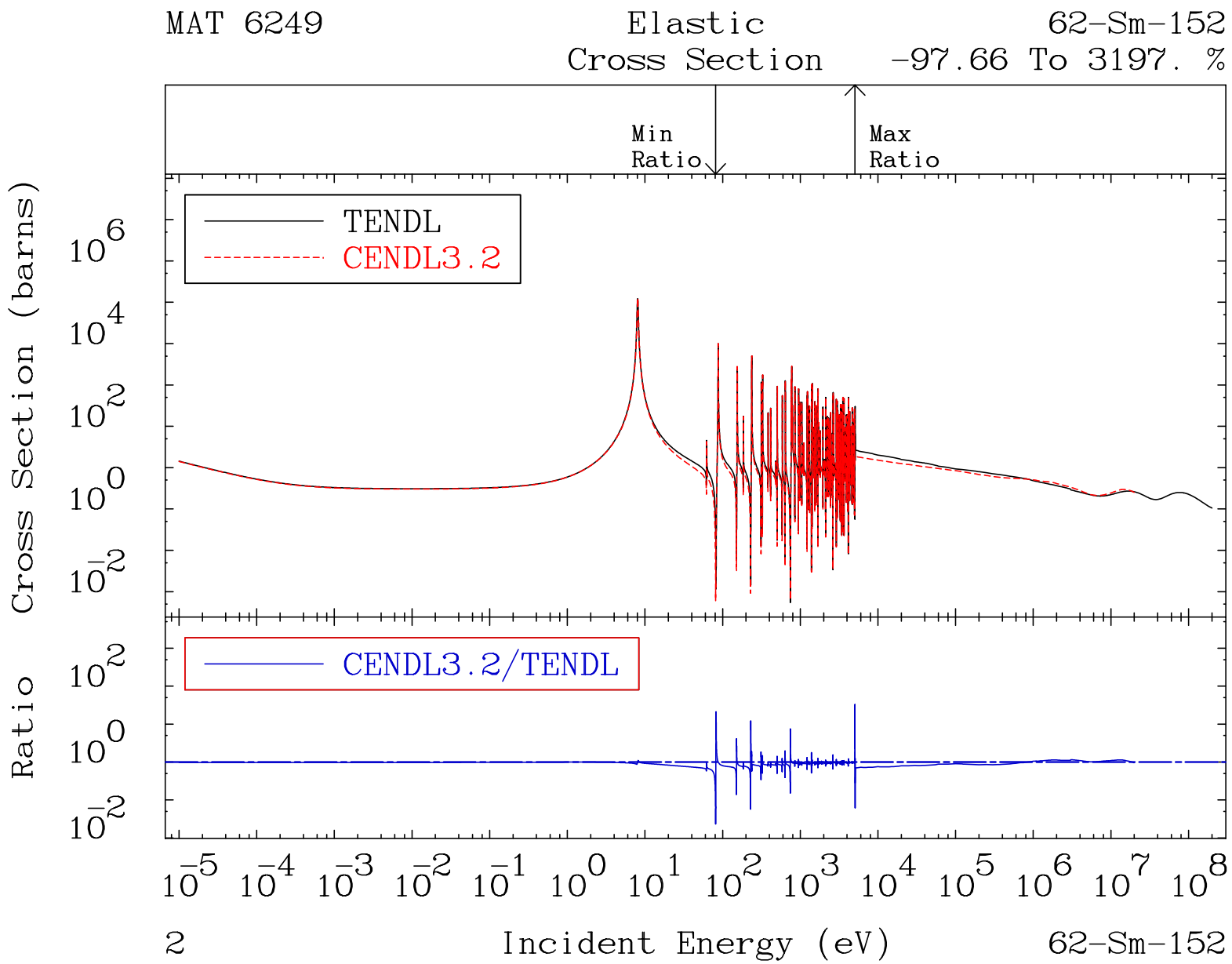
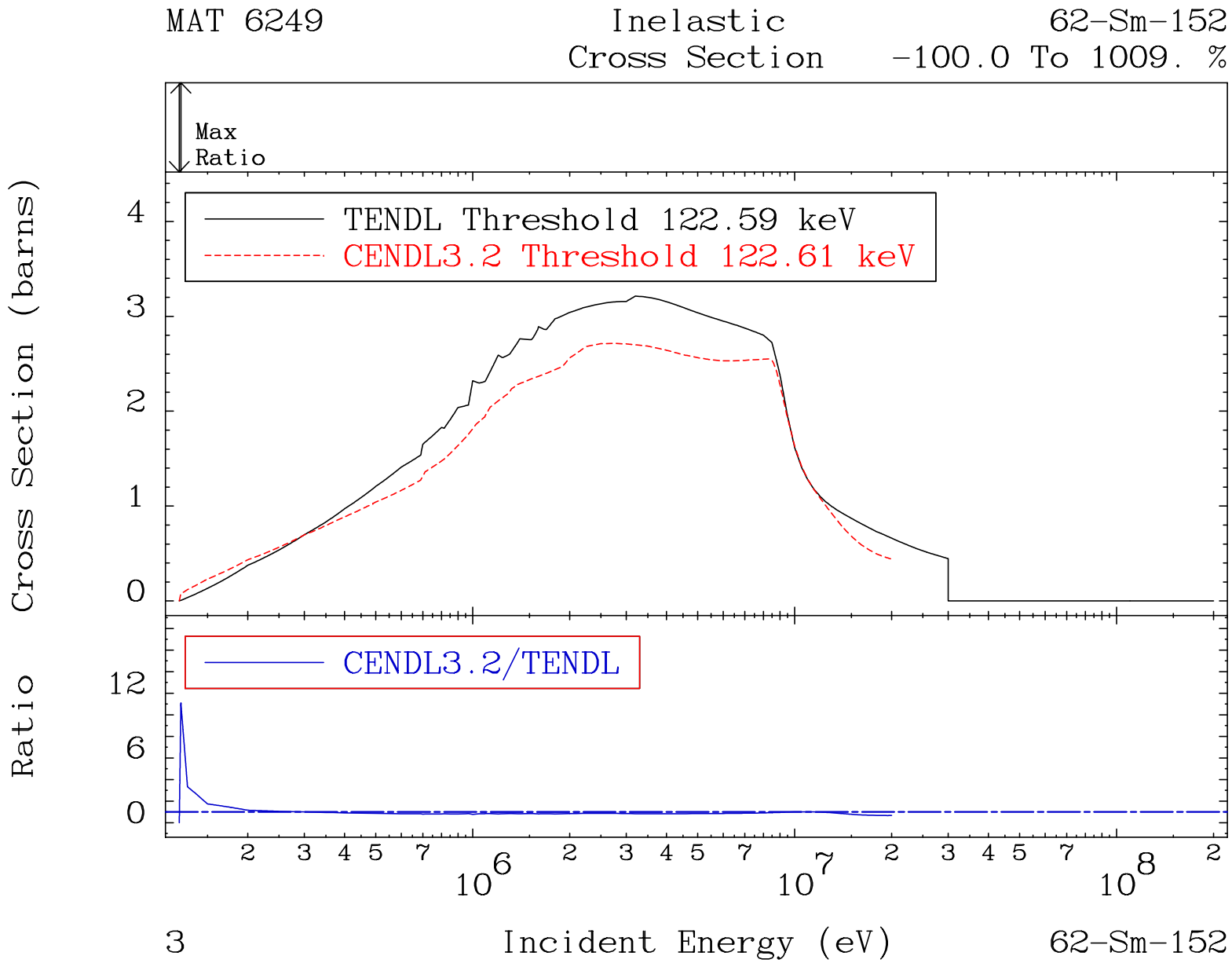
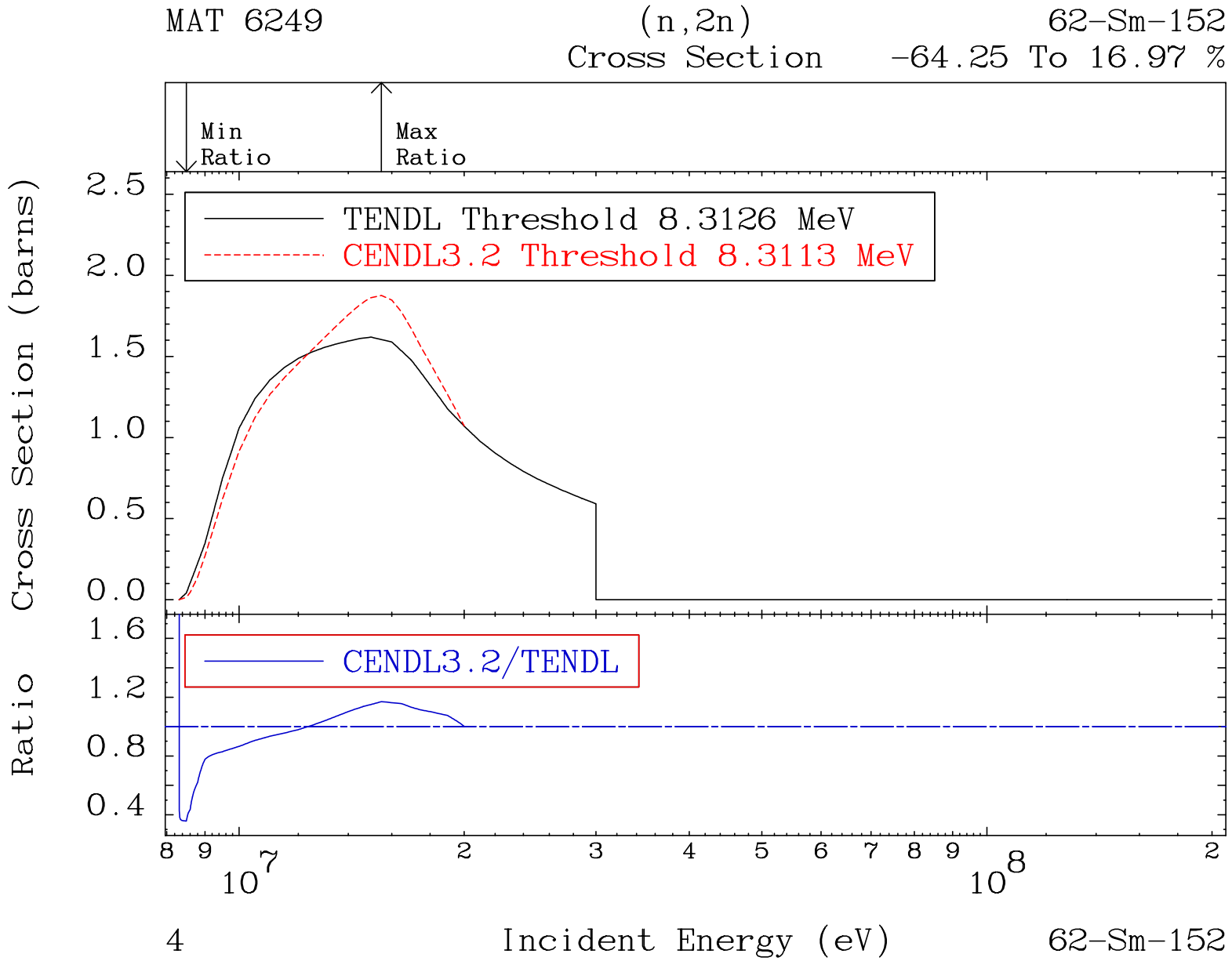
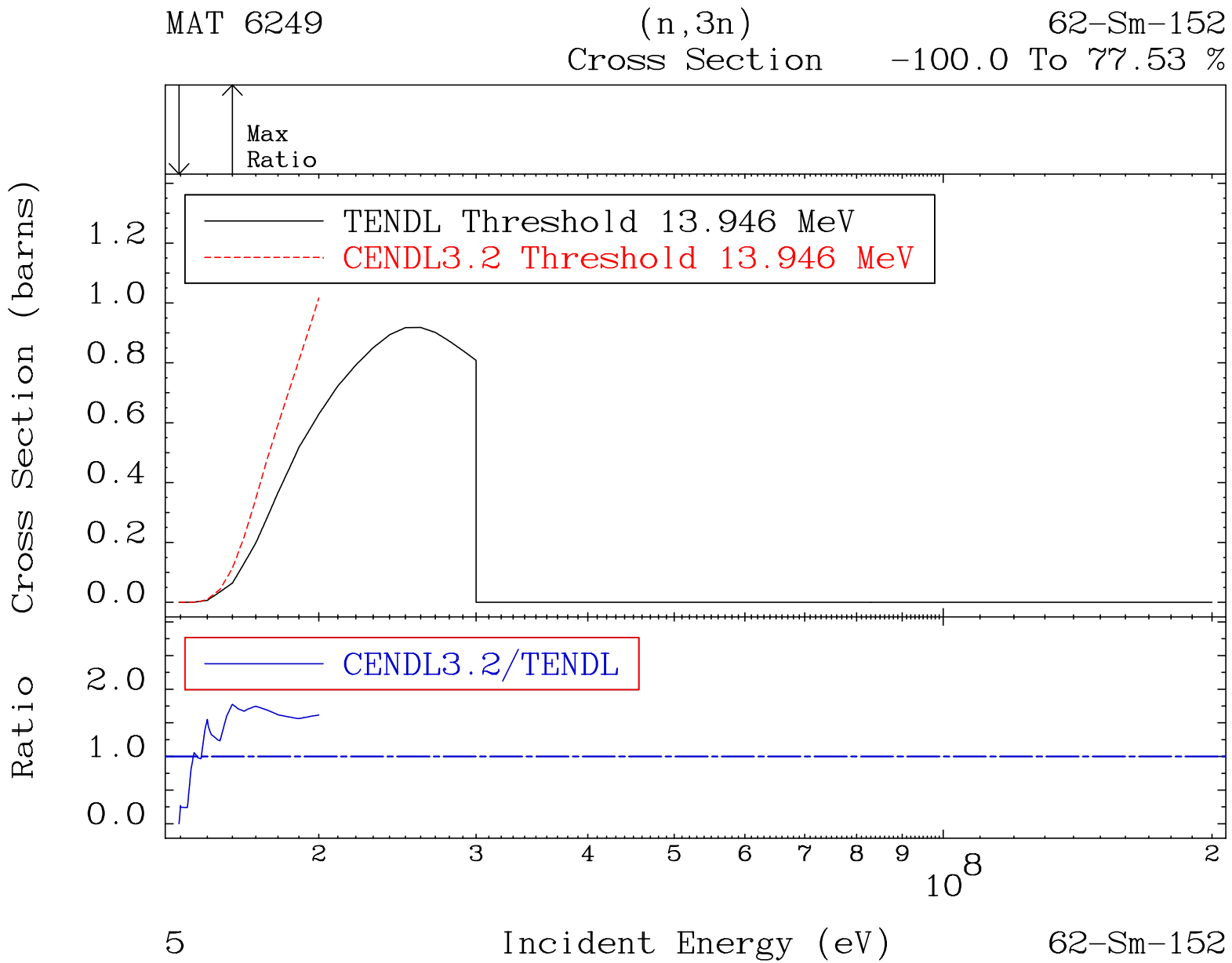
Press Mouse Button to Start

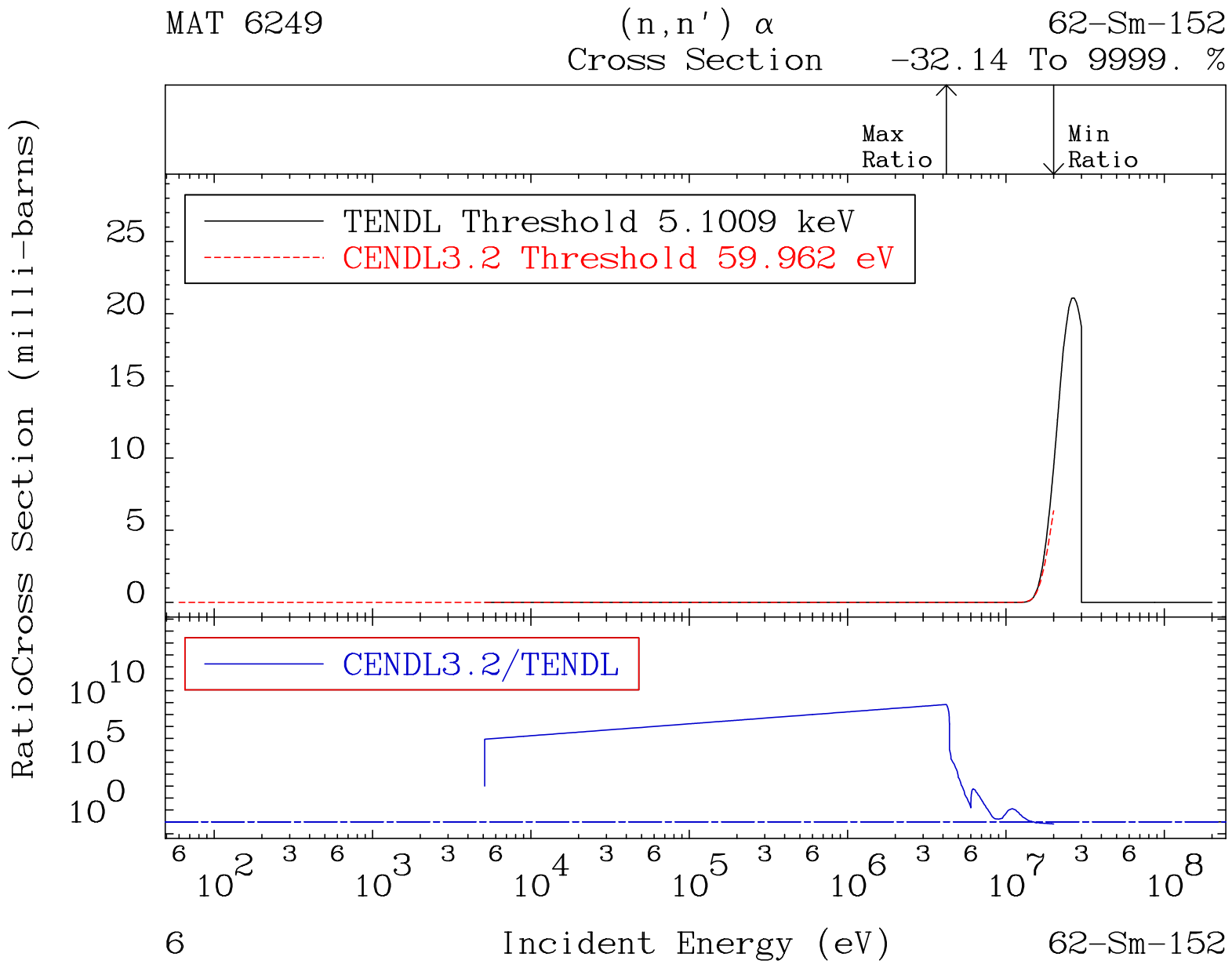

MAT 6249
Total
Cross Section
62-Sm-152
-93.75 To 2045. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
Cross Section (barns)
CENDL3.2/TENDL
Ratio
Incident Energy (eV)
62-Sm-152
1

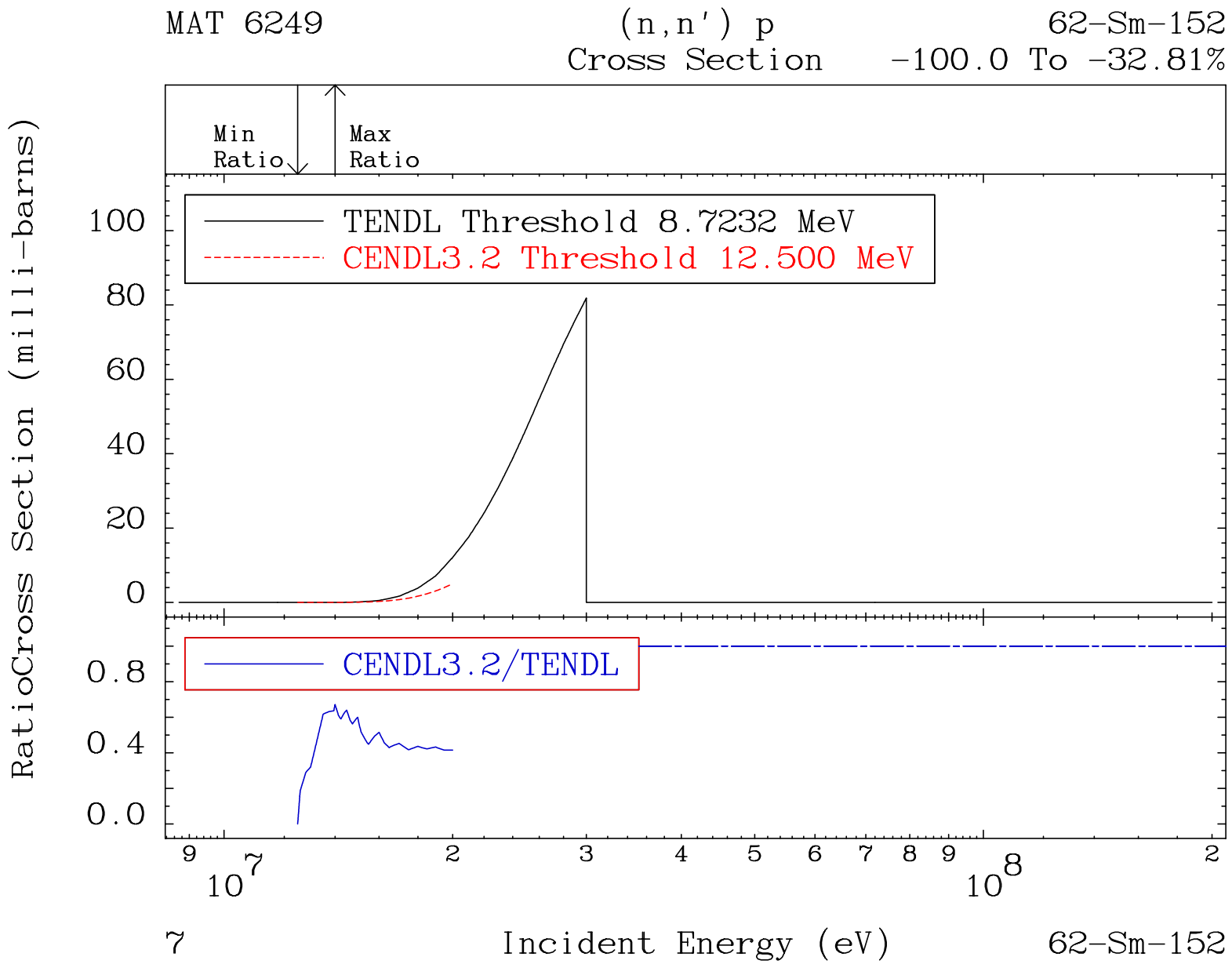

MAT 6249
Elastic
Cross Section
62-Sm-152
-97.66 To 3197. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
62-Sm-152
2

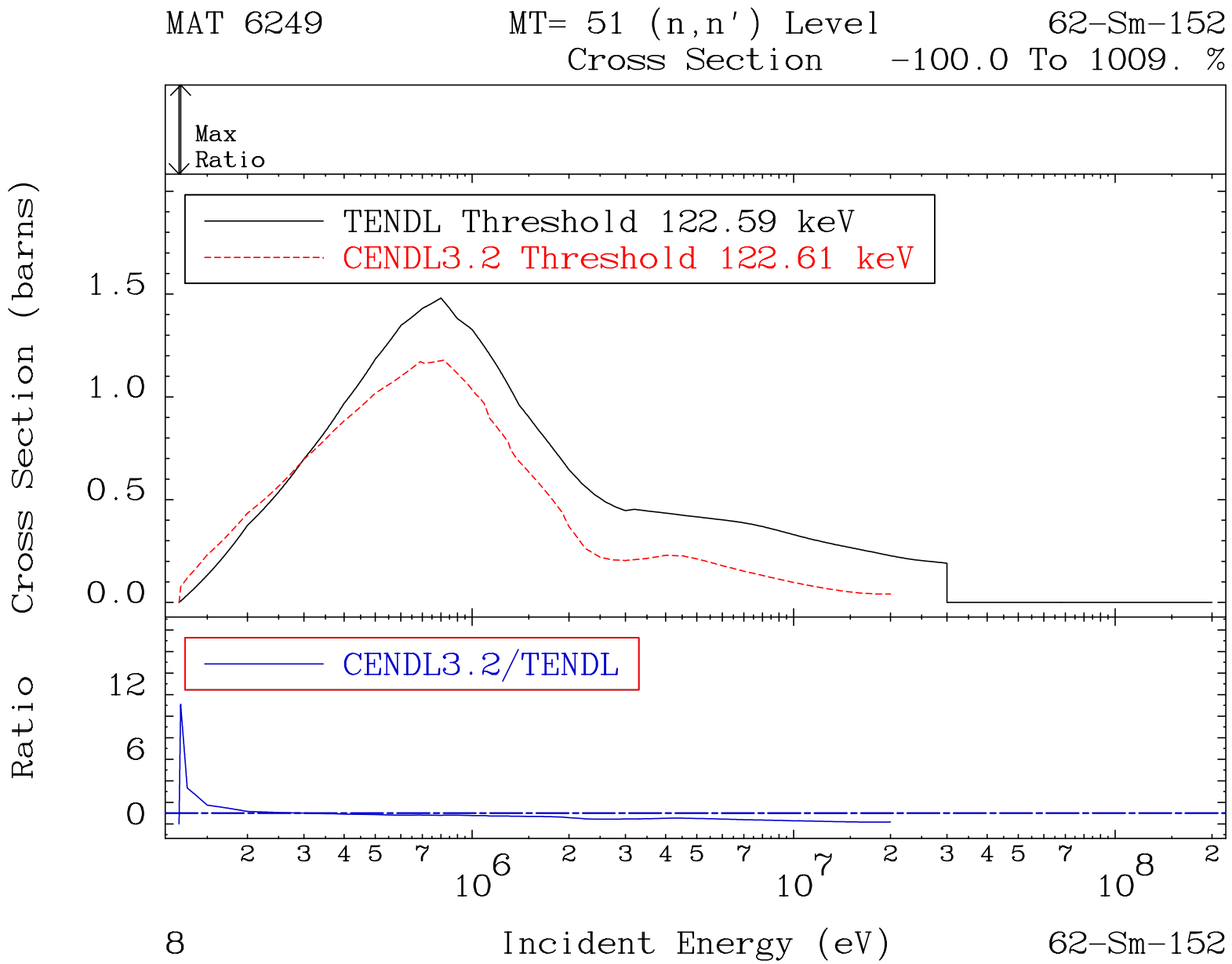

MAT 6249
Inelastic
Cross Section
62-Sm-152
-100.0 To 1009. %
Max
Ratio
TENDL Threshold 122.59 keV
CENDL3.2 Threshold 122.61 keV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
3
62-Sm-152

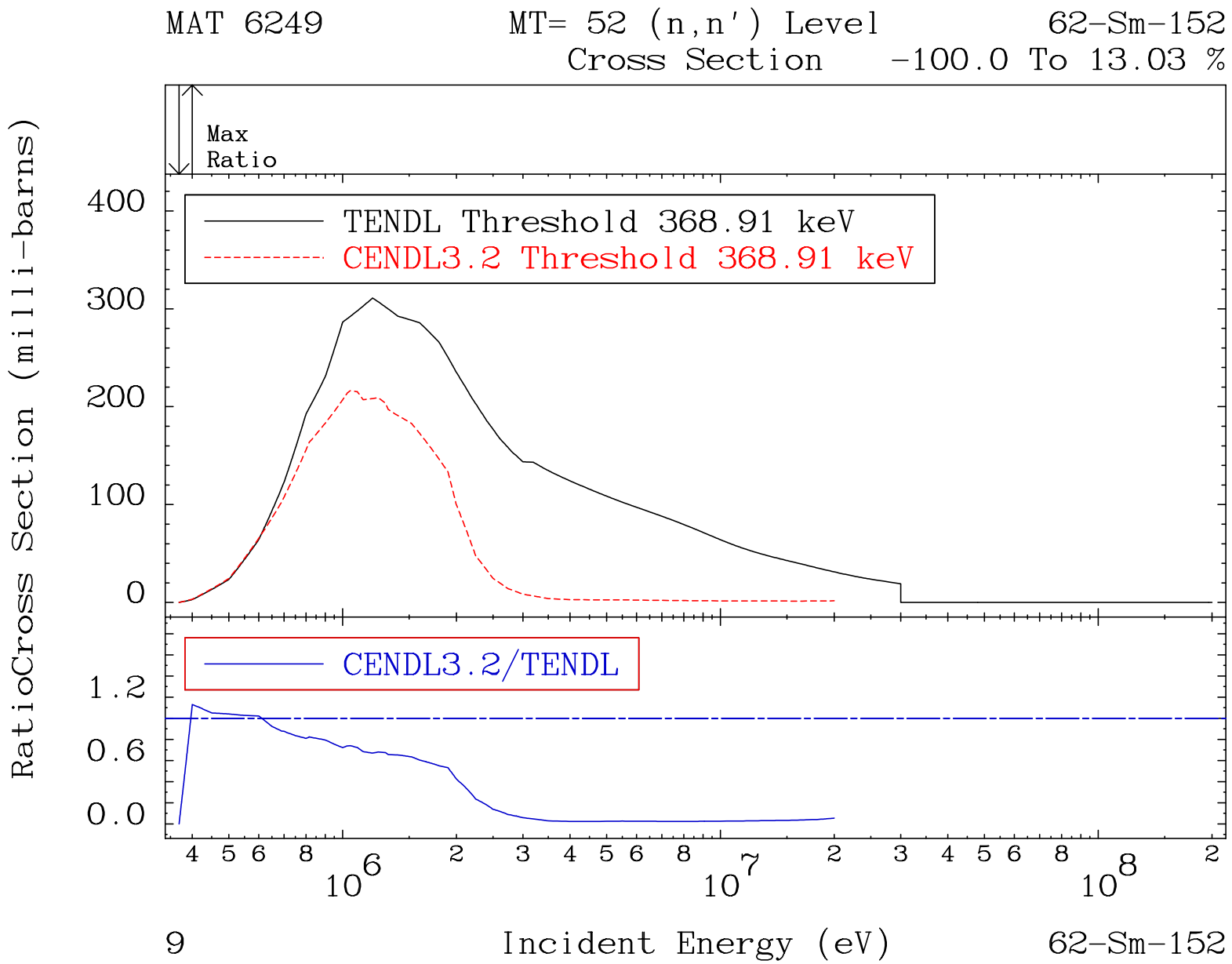

MAT 6249
(n,2n)
Cross Section
62-Sm-152
-64.25 To 16.97 %
Min Ratio
Max Ratio
TENDL Threshold 8.3126 MeV
CENDL3.2 Threshold 8.3113 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
4
62-Sm-152

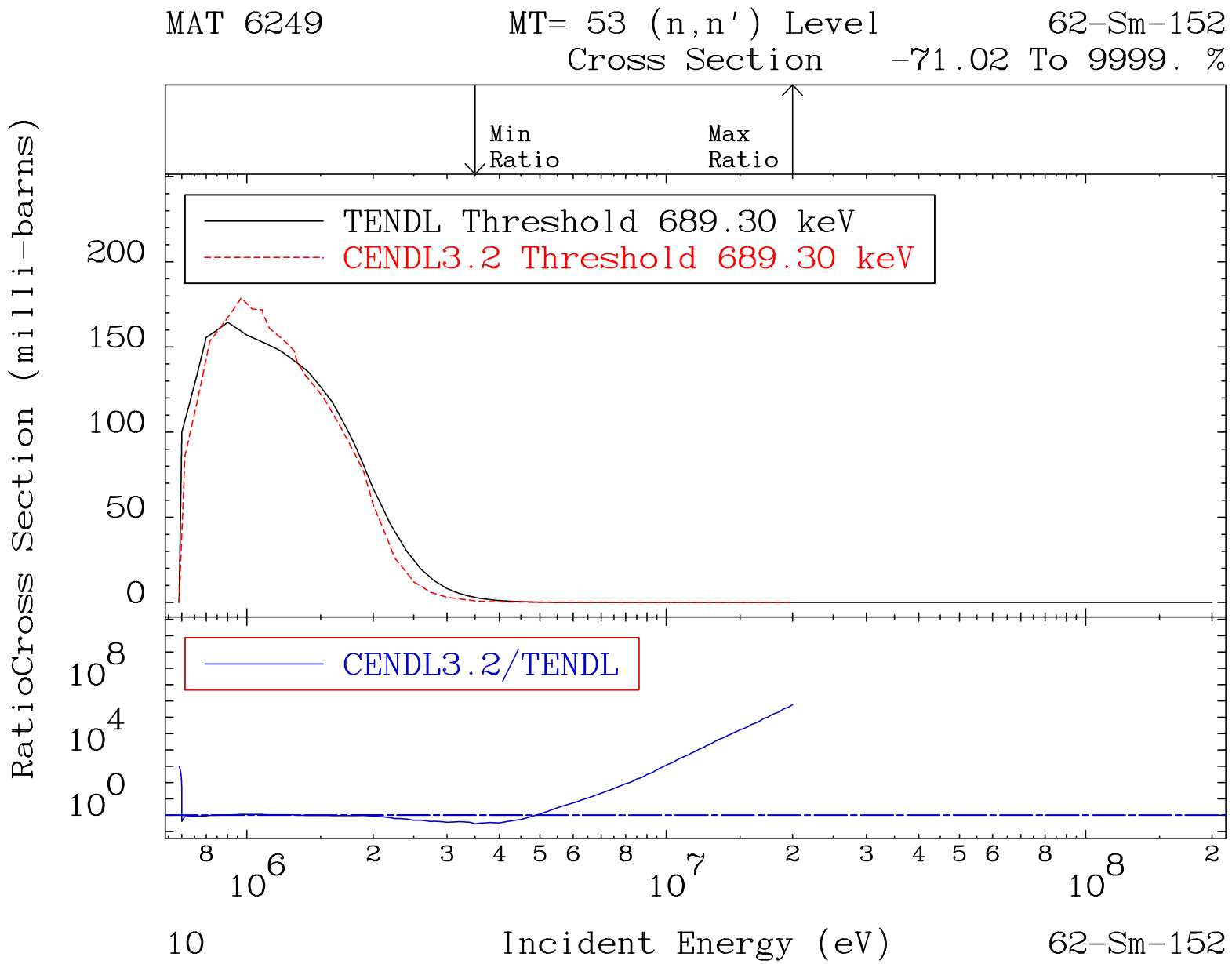

MAT 6249
(n,3n)
Cross Section
62-Sm-152
-100.0 To 77.53 %
Max
Ratio
TENDL Threshold 13.946 MeV
CENDL3.2 Threshold 13.946 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2.0
1.0
0.0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
62-Sm-152

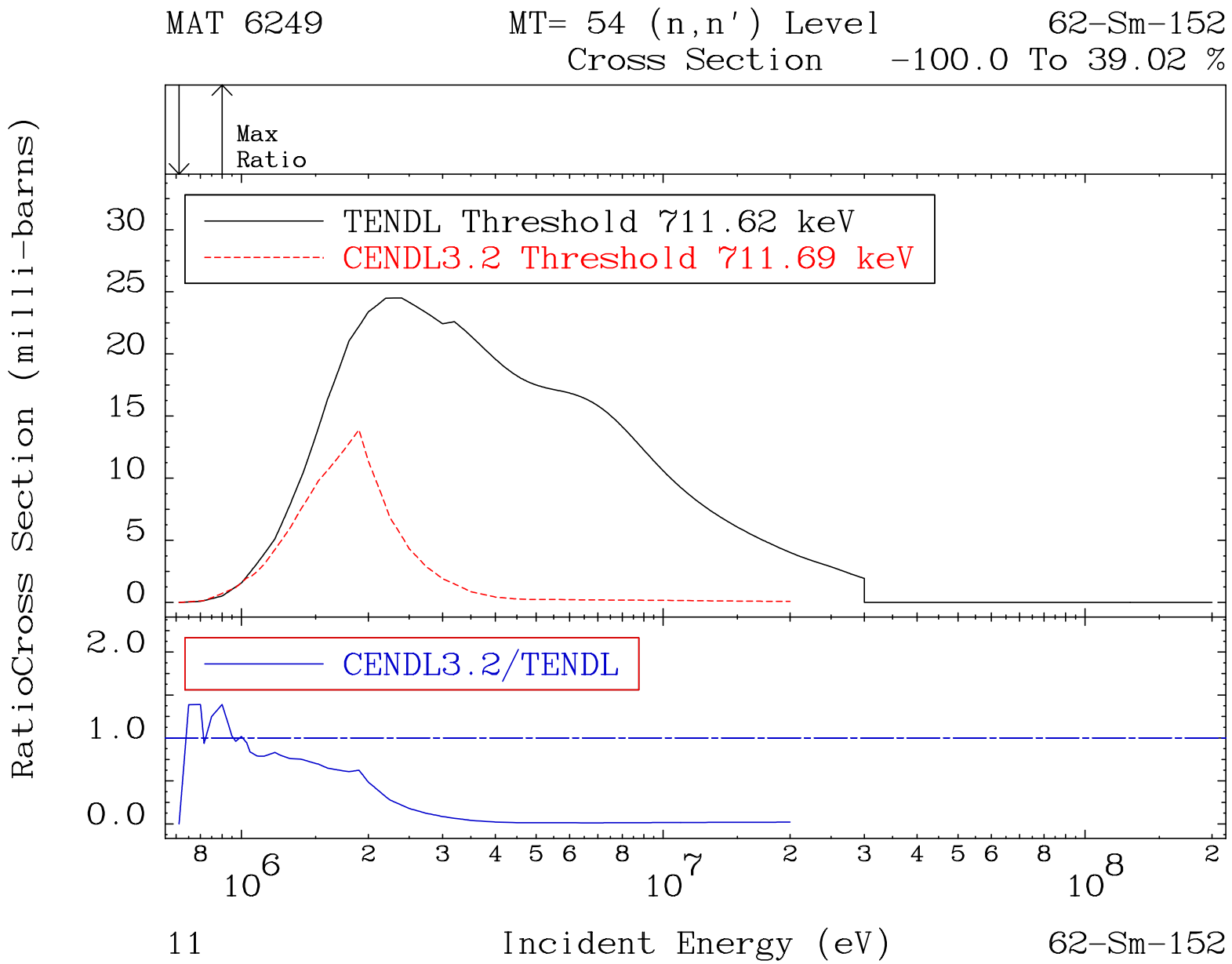

MAT 6249
(n,n') α
Cross Section
62-Sm-152
-32.14 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.1009 keV
CENDL3.2 Threshold 59.962 eV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
62-Sm-152
6

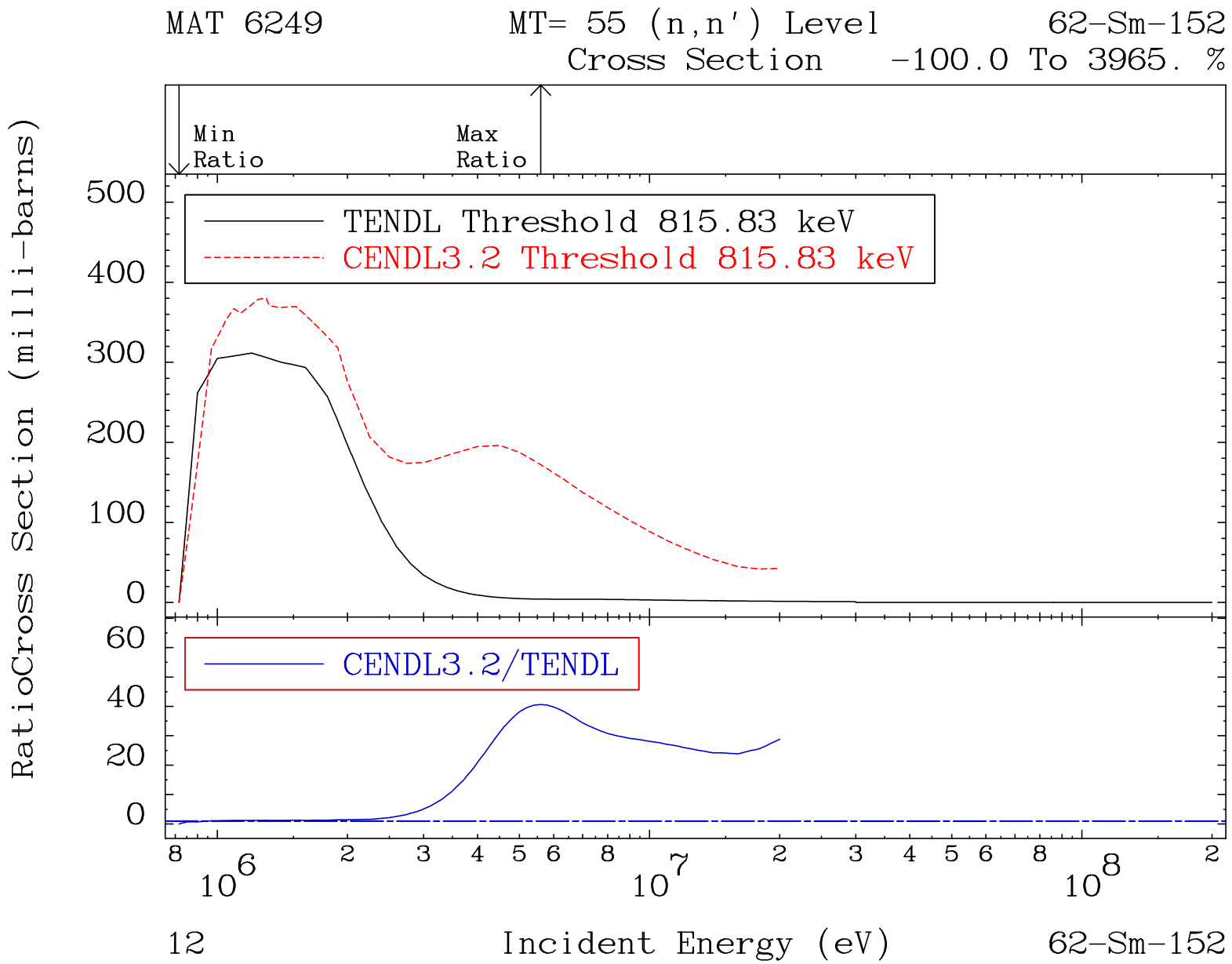

MAT 6249
(n,n') p
Cross Section
62-Sm-152
-100.0 To -32.81%
Min Ratio
Max Ratio
TENDL Threshold 8.7232 MeV
CENDL3.2 Threshold 12.500 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
0.8
0.4
0.0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
62-Sm-152

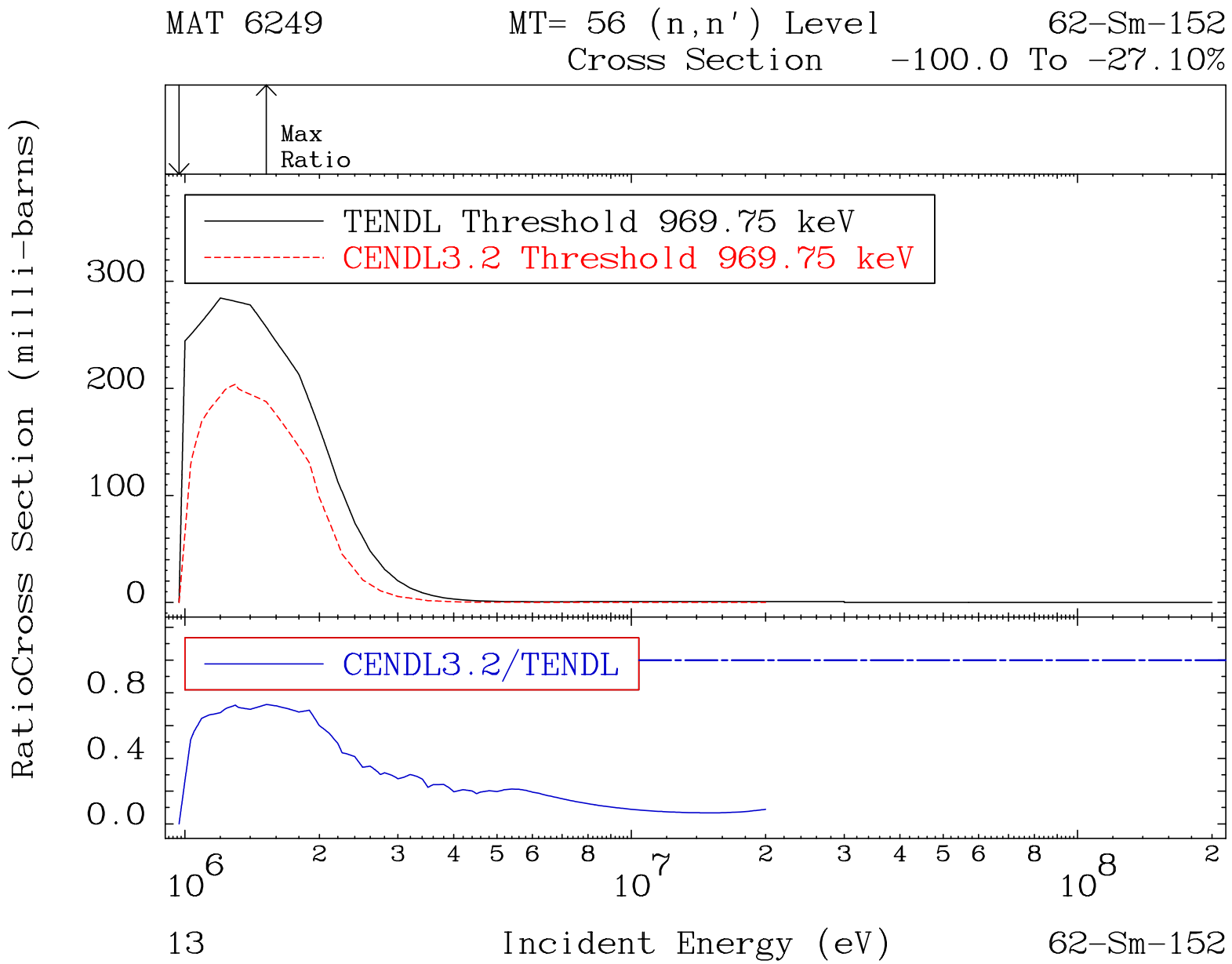

MAT 6249
MT= 51 (n,n') Level
62-Sm-152
Cross Section -100.0 To 1009. %
Max
Ratio
TENDL Threshold 122.59 keV
CENDL3.2 Threshold 122.61 keV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
12
6
0
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
Incident Energy (eV)
8
62-Sm-152

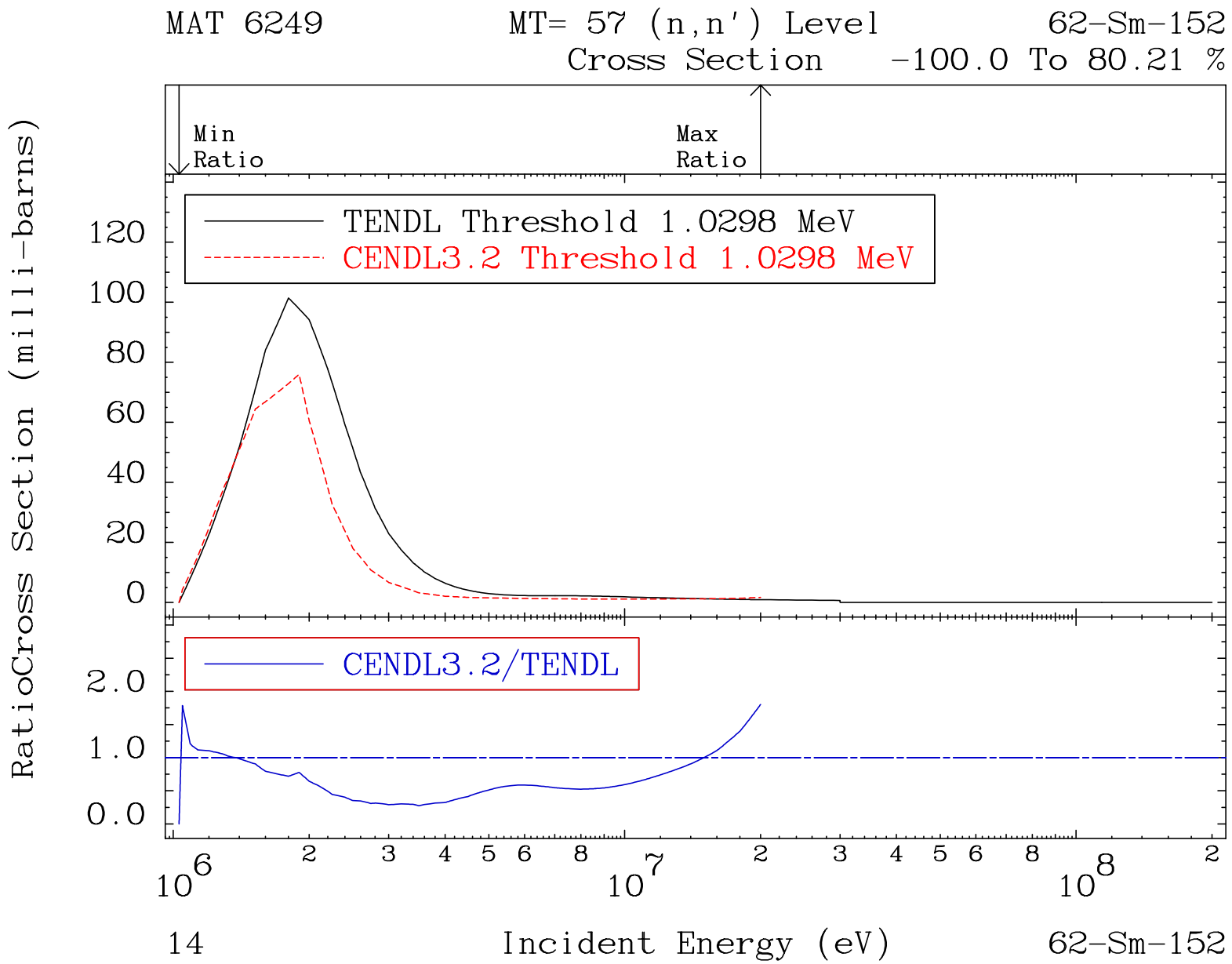

MAT 6249
MT= 52 (n,n') Level
Cross Section
62-Sm-152
-100.0 To 13.03 %
Max
Ratio
TENDL Threshold 368.91 keV
CENDL3.2 Threshold 368.91 keV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
1.2
0.6
0.0
4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
Incident Energy (eV)
9
62-Sm-152

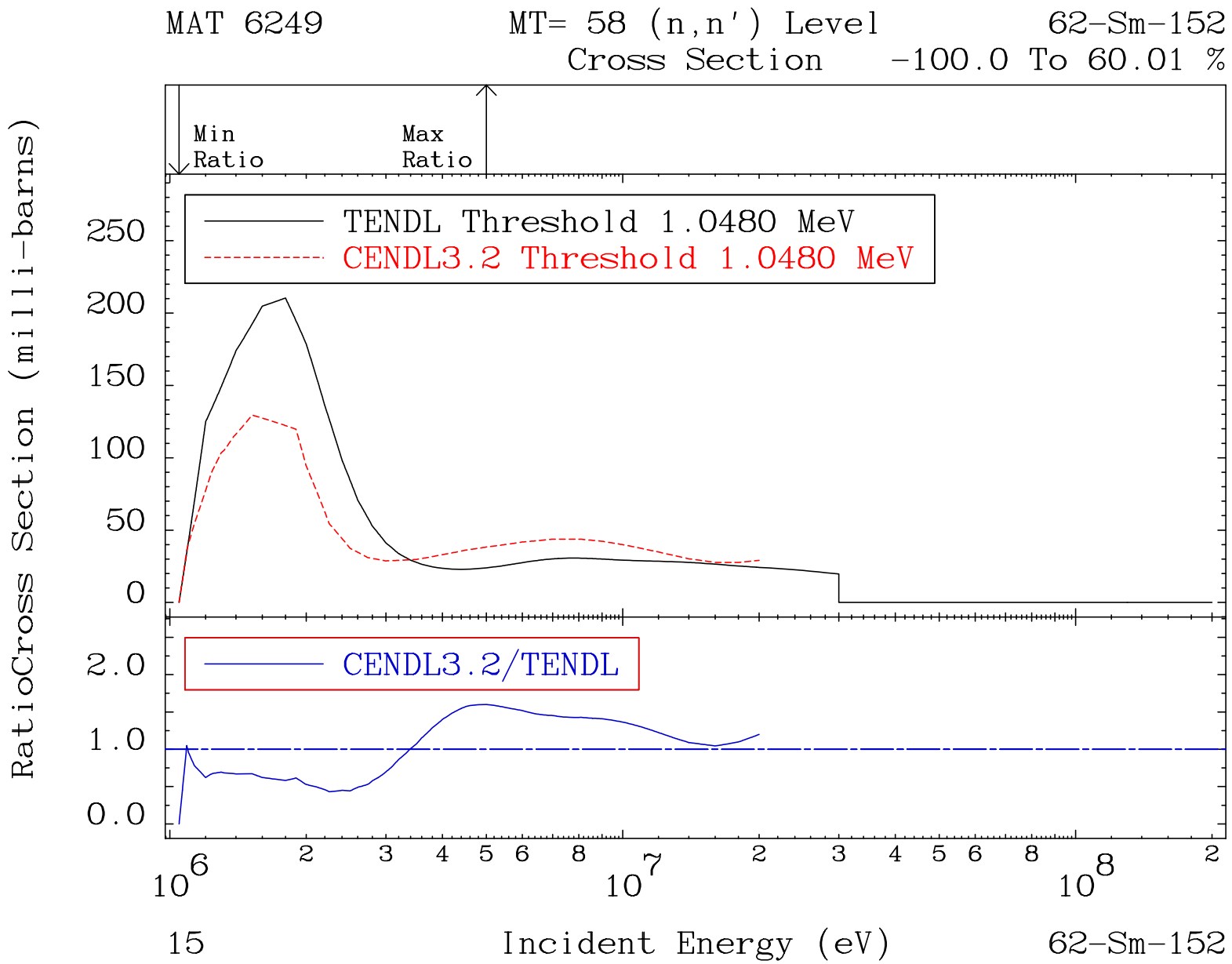

MAT 6249
MT= 53 (n,n') Level
62-Sm-152
Cross Section -71.02 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 689.30 keV
CENDL3.2 Threshold 689.30 keV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
$10^8$
$10^4$
$10^0$
8
$10^6$
2
3
4
5
6
8
$10^7$
2
3
4
5
6
8
$10^8$
2
10
Incident Energy (eV)
62-Sm-152

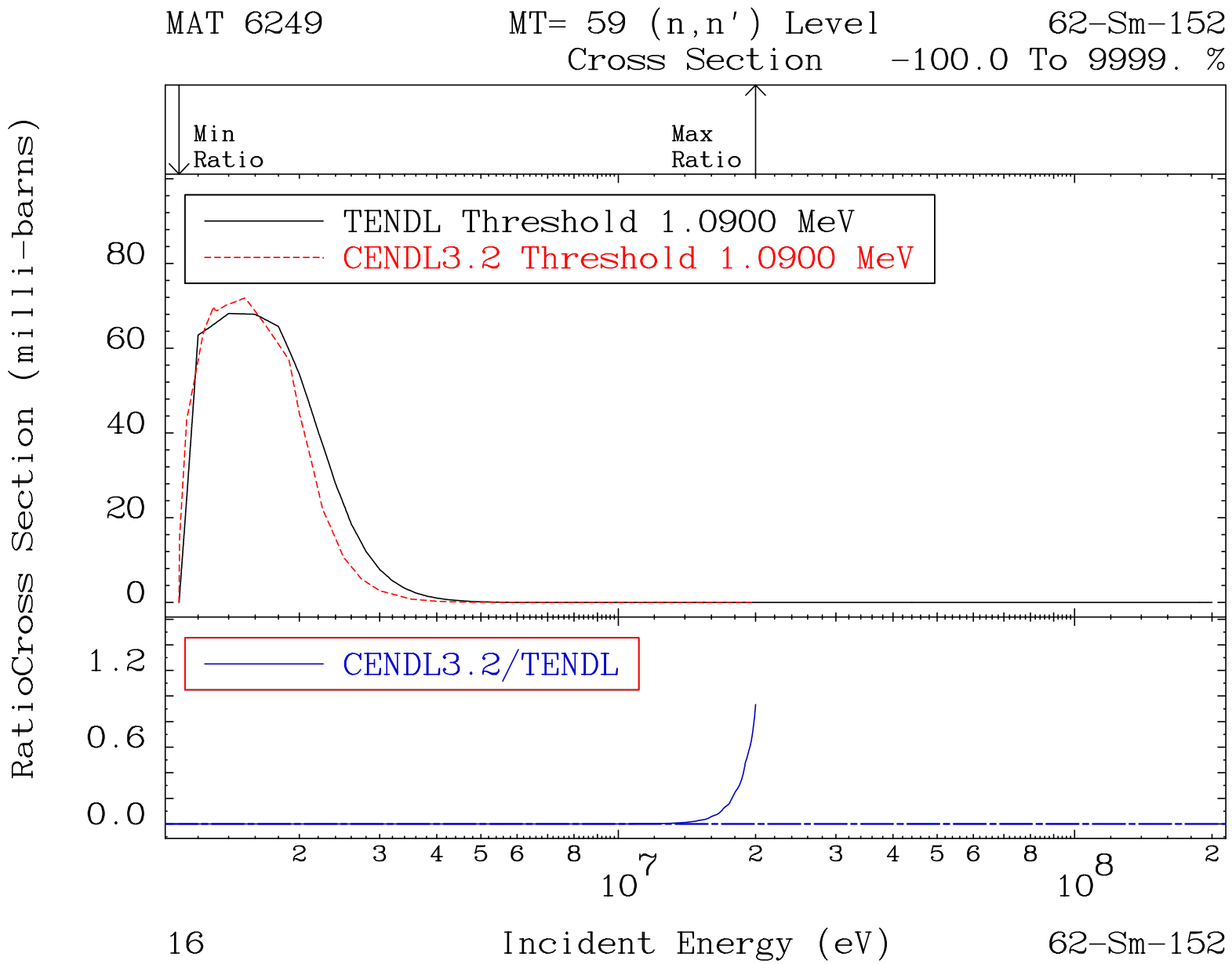

MAT 6249
MT= 54 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 39.02 %
Max
Ratio
TENDL Threshold 711.62 keV
CENDL3.2 Threshold 711.69 keV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
2.0
1.0
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
11
Incident Energy (eV)
62-Sm-152

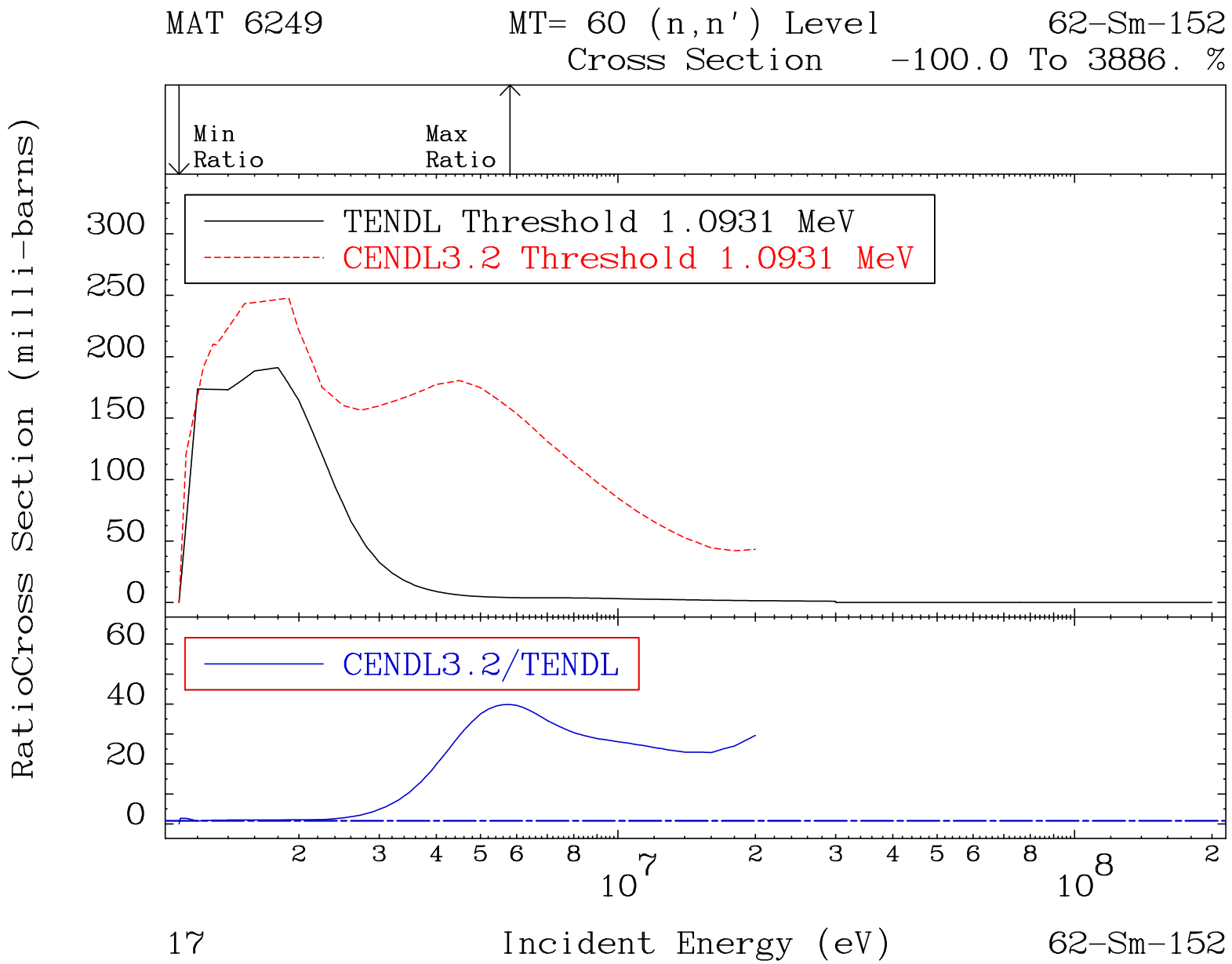

MAT 6249
MT= 55 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 3965. %
Min Ratio
Max Ratio
TENDL Threshold 815.83 keV
CENDL3.2 Threshold 815.83 keV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
60
40
20
0
8
2
3
4
5
6
8
10^6
10^7
10^8
12
Incident Energy (eV)
62-Sm-152

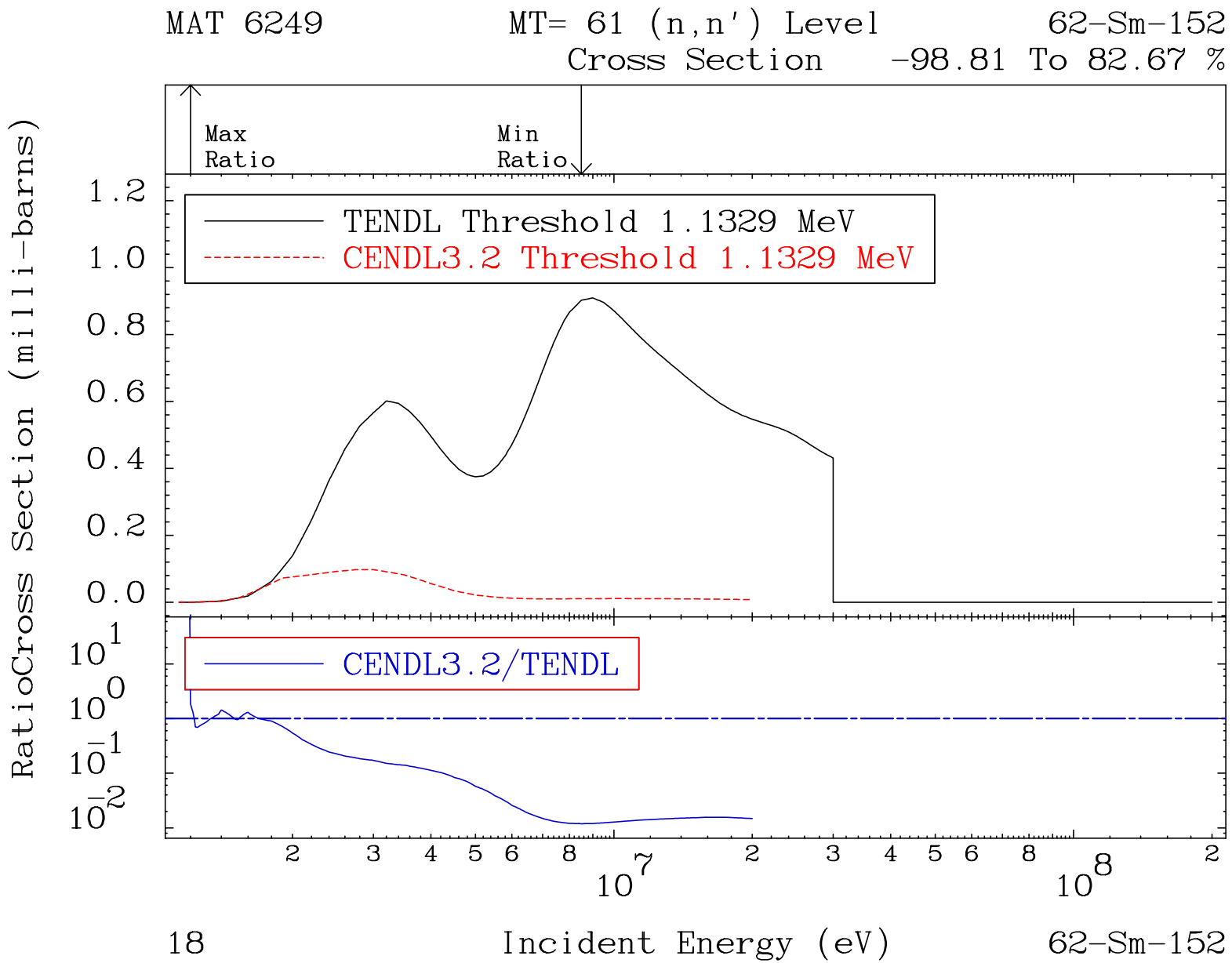

MAT 6249
MT= 56 (n,n') Level
62-Sm-152
Cross Section -100.0 To -27.10%
Max
Ratio
TENDL Threshold 969.75 keV
CENDL3.2 Threshold 969.75 keV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
300
200
100
0
0.8
0.4
0.0
10^6
10^7
10^8
Incident Energy (eV)
13
62-Sm-152

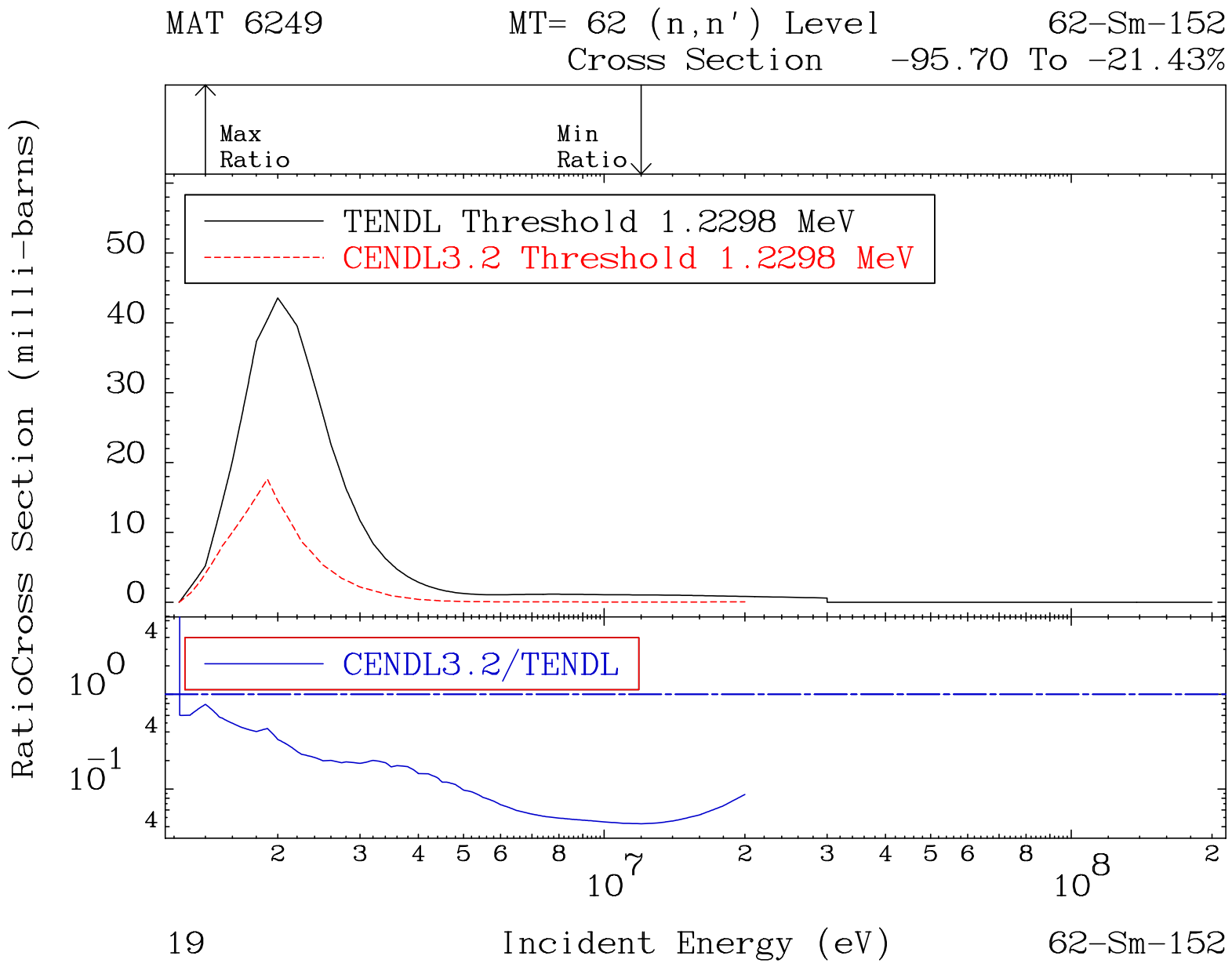

MAT 6249
MT= 57 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 80.21 %
Min Ratio
Max Ratio
TENDL Threshold 1.0298 MeV
CENDL3.2 Threshold 1.0298 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
2.0
1.0
0.0
10^6
10^7
10^8
Incident Energy (eV)
14
62-Sm-152

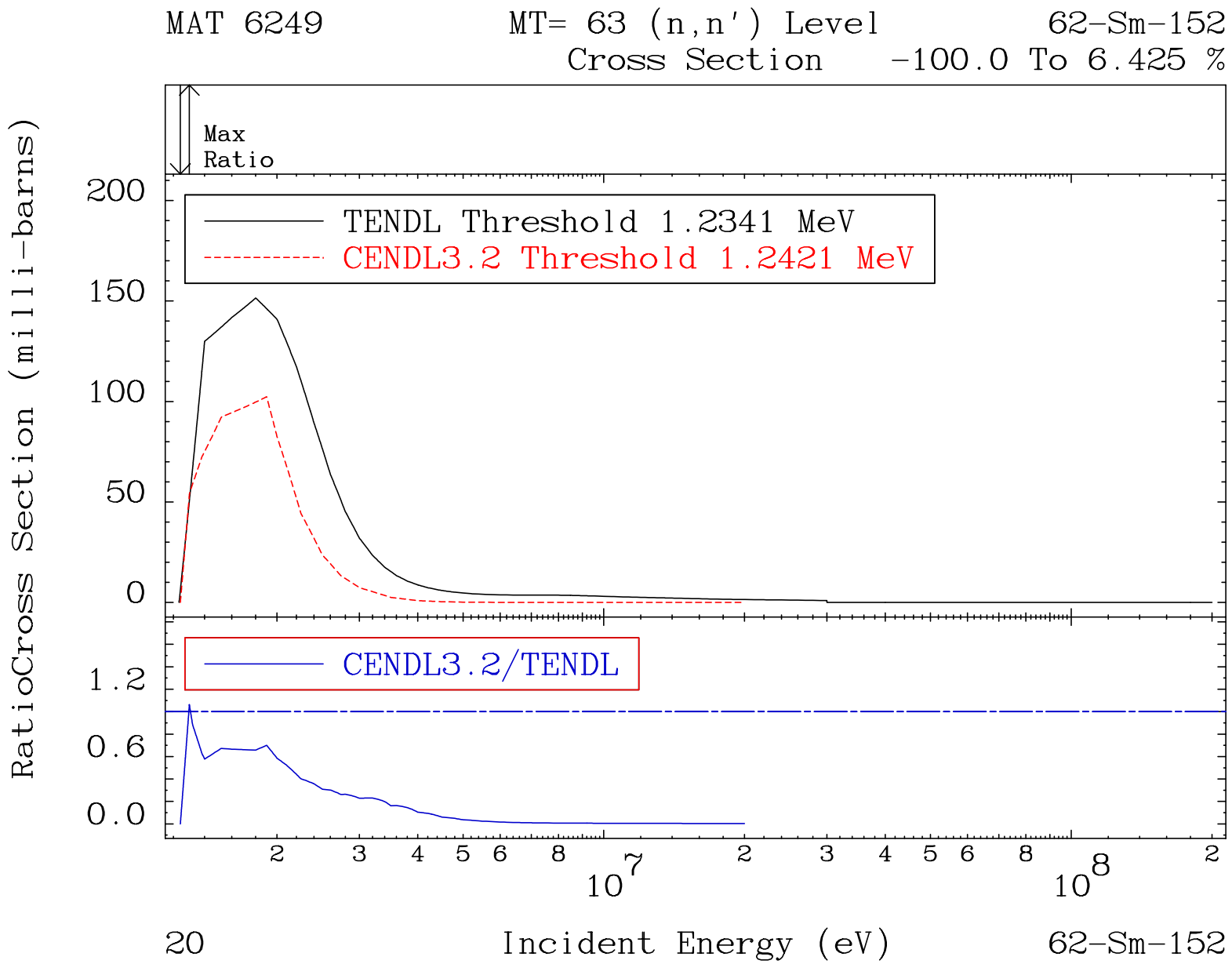

MAT 6249
MT= 58 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 60.01 %
Min Ratio
Max Ratio
TENDL Threshold 1.0480 MeV
CENDL3.2 Threshold 1.0480 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
2.0
1.0
0.0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
15
Incident Energy (eV)
62-Sm-152

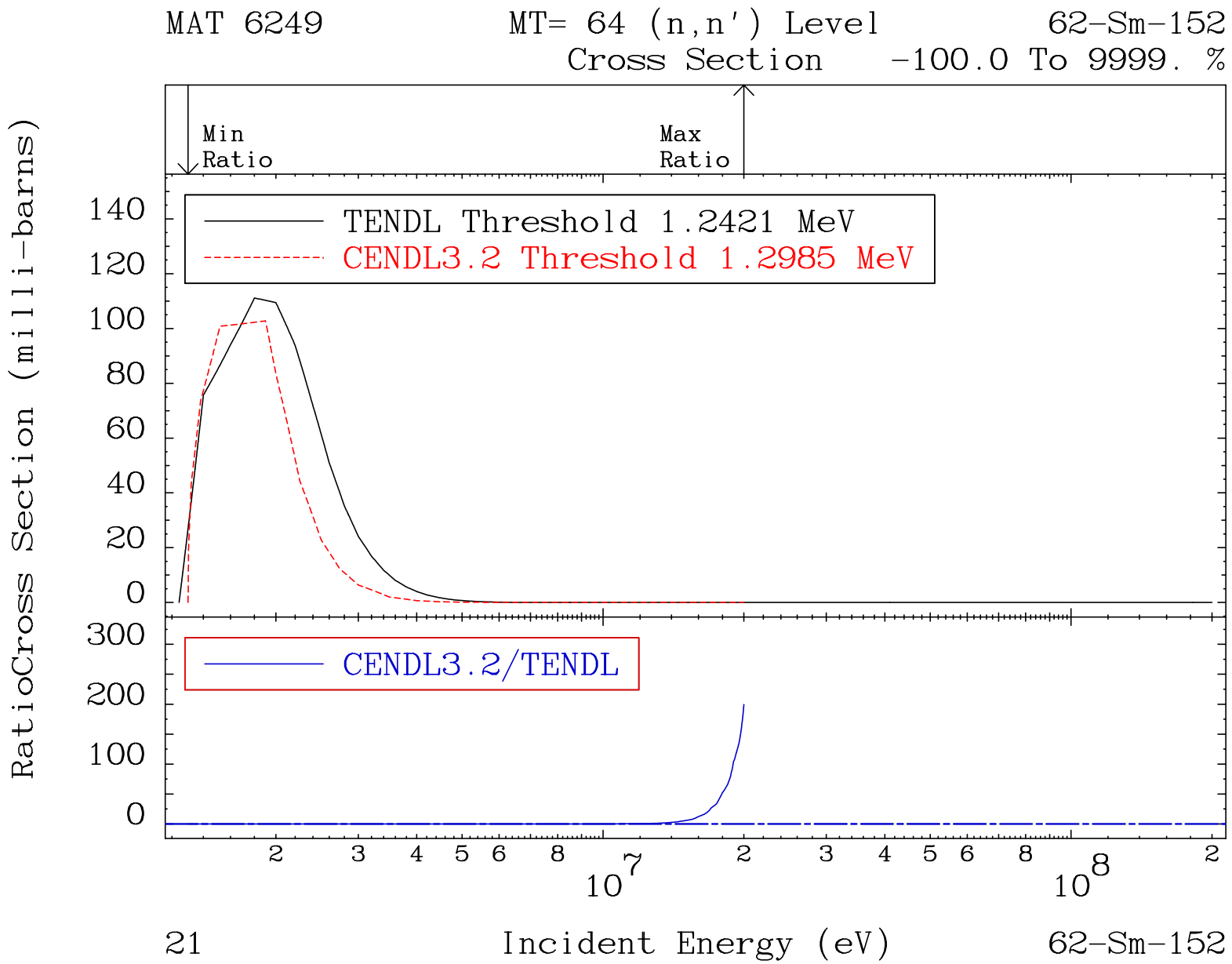

MAT 6249
MT= 59 (n,n') Level
62-Sm-152
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.0900 MeV
CENDL3.2 Threshold 1.0900 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.6
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
16
Incident Energy (eV)
62-Sm-152

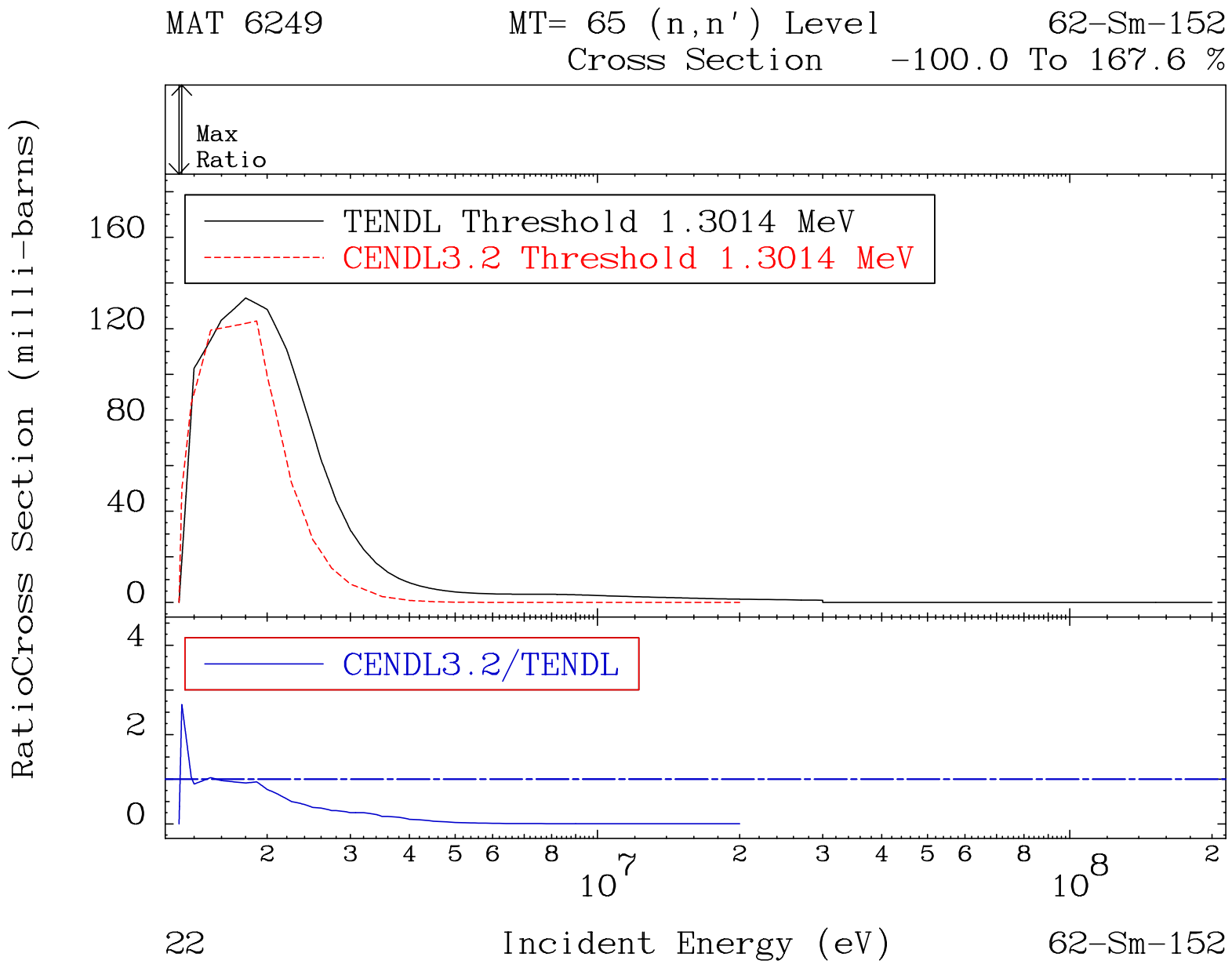

MAT 6249
MT= 60 (n,n') Level
62-Sm-152
Cross Section -100.0 To 3886. %
Min Ratio
Max Ratio
TENDL Threshold 1.0931 MeV
CENDL3.2 Threshold 1.0931 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
300
250
200
150
100
50
0
60
40
20
0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
17
Incident Energy (eV)
62-Sm-152

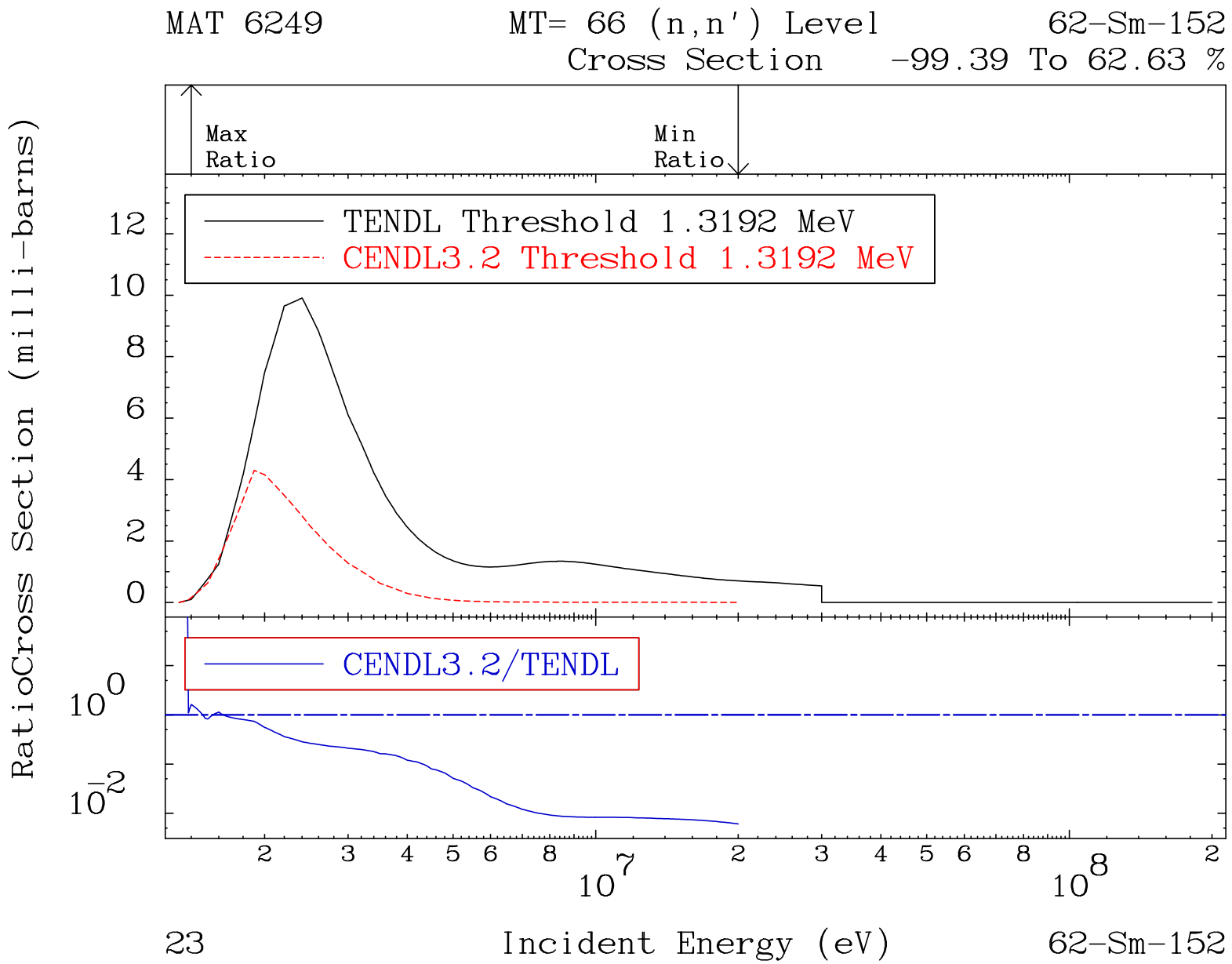

MAT 6249
MT= 61 (n,n') Level
62-Sm-152
Cross Section -98.81 To 82.67 %
Max Ratio
Min Ratio
TENDL Threshold 1.1329 MeV
CENDL3.2 Threshold 1.1329 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
10^1
10^0
10^-1
10^-2
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
18
Incident Energy (eV)
62-Sm-152

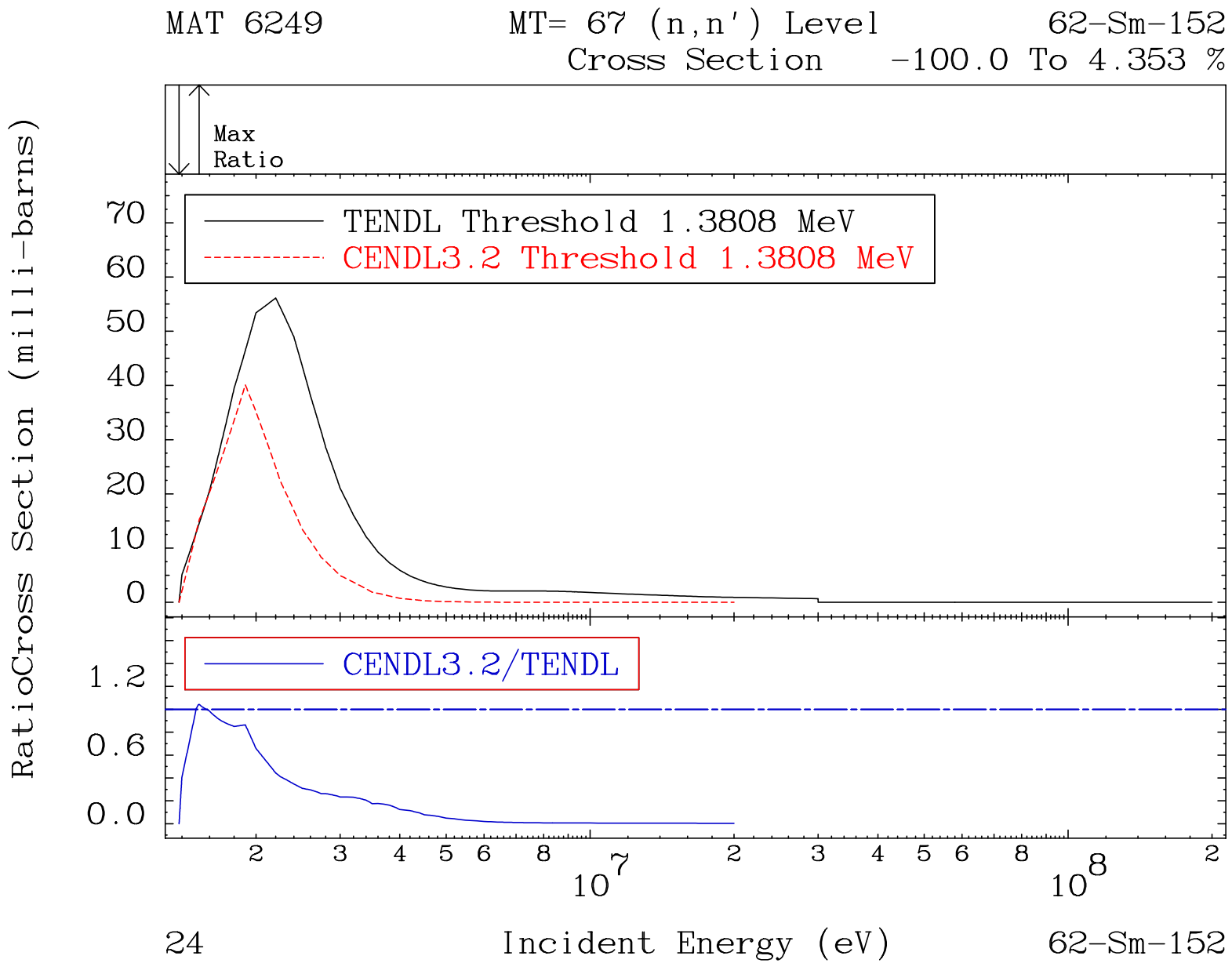

MAT 6249
MT= 62 (n,n') Level
62-Sm-152
Cross Section -95.70 To -21.43%
Max Ratio
Min Ratio
TENDL Threshold 1.2298 MeV
CENDL3.2 Threshold 1.2298 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
19
62-Sm-152

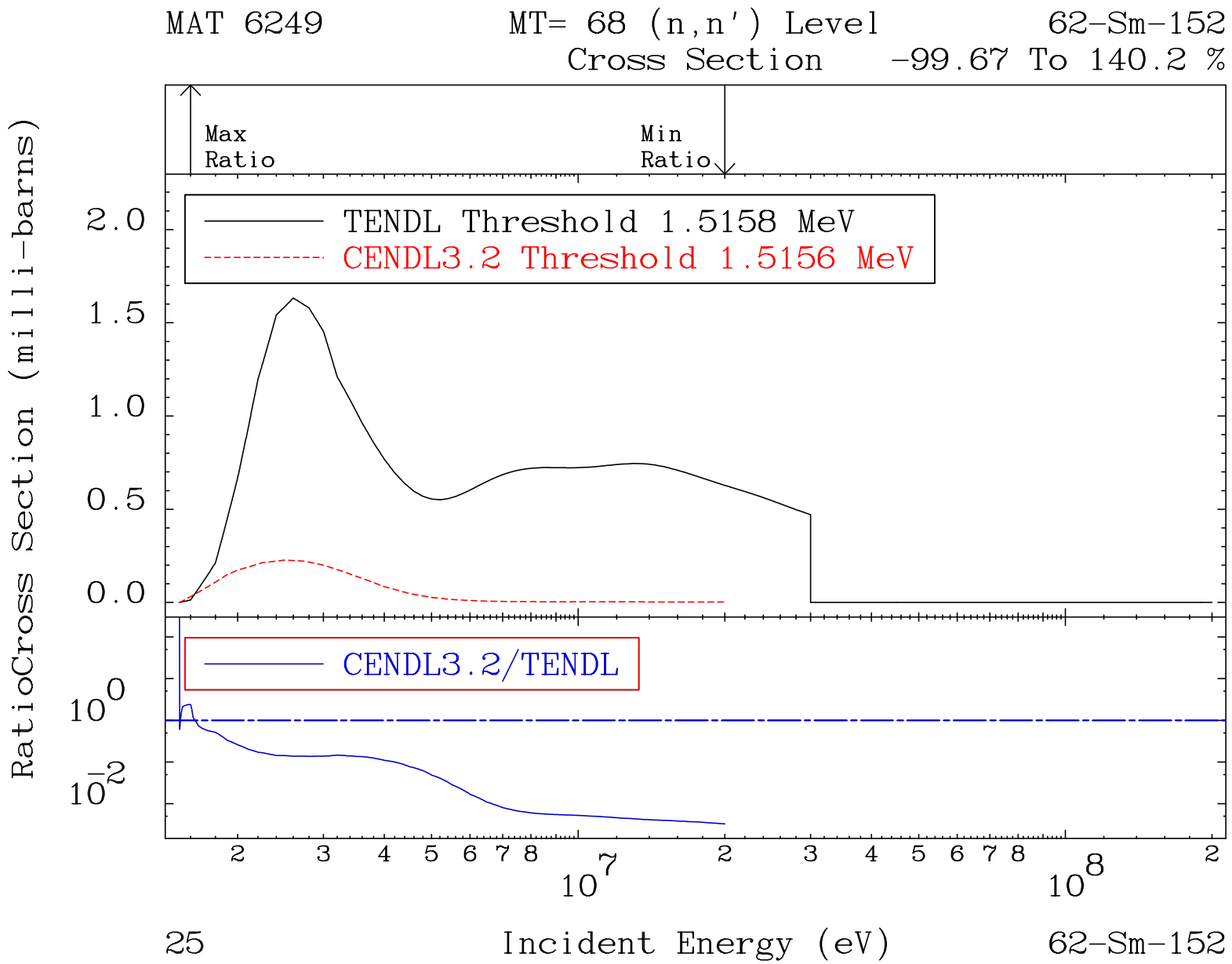

MAT 6249
MT= 63 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 6.425 %
Max
Ratio
200
150
100
50
0
TENDL Threshold 1.2341 MeV
CENDL3.2 Threshold 1.2421 MeV
1.2
0.6
0.0
CENDL3.2/TENDL
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
RatioCross Section (milli-barns)
20
Incident Energy (eV)
62-Sm-152

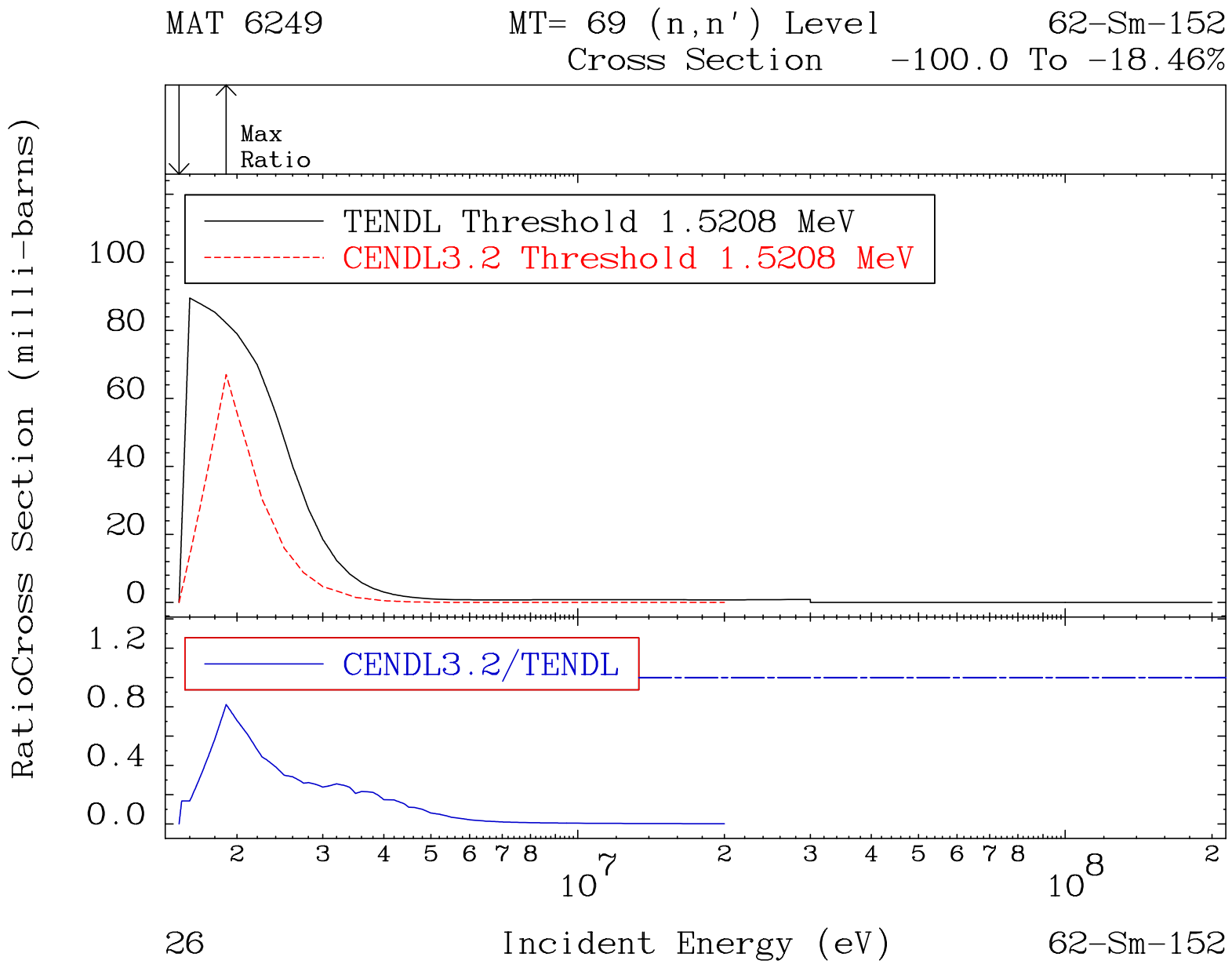

MAT 6249
MT= 64 (n,n') Level
62-Sm-152
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.2421 MeV
CENDL3.2 Threshold 1.2985 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
300
200
100
0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
21
Incident Energy (eV)
62-Sm-152

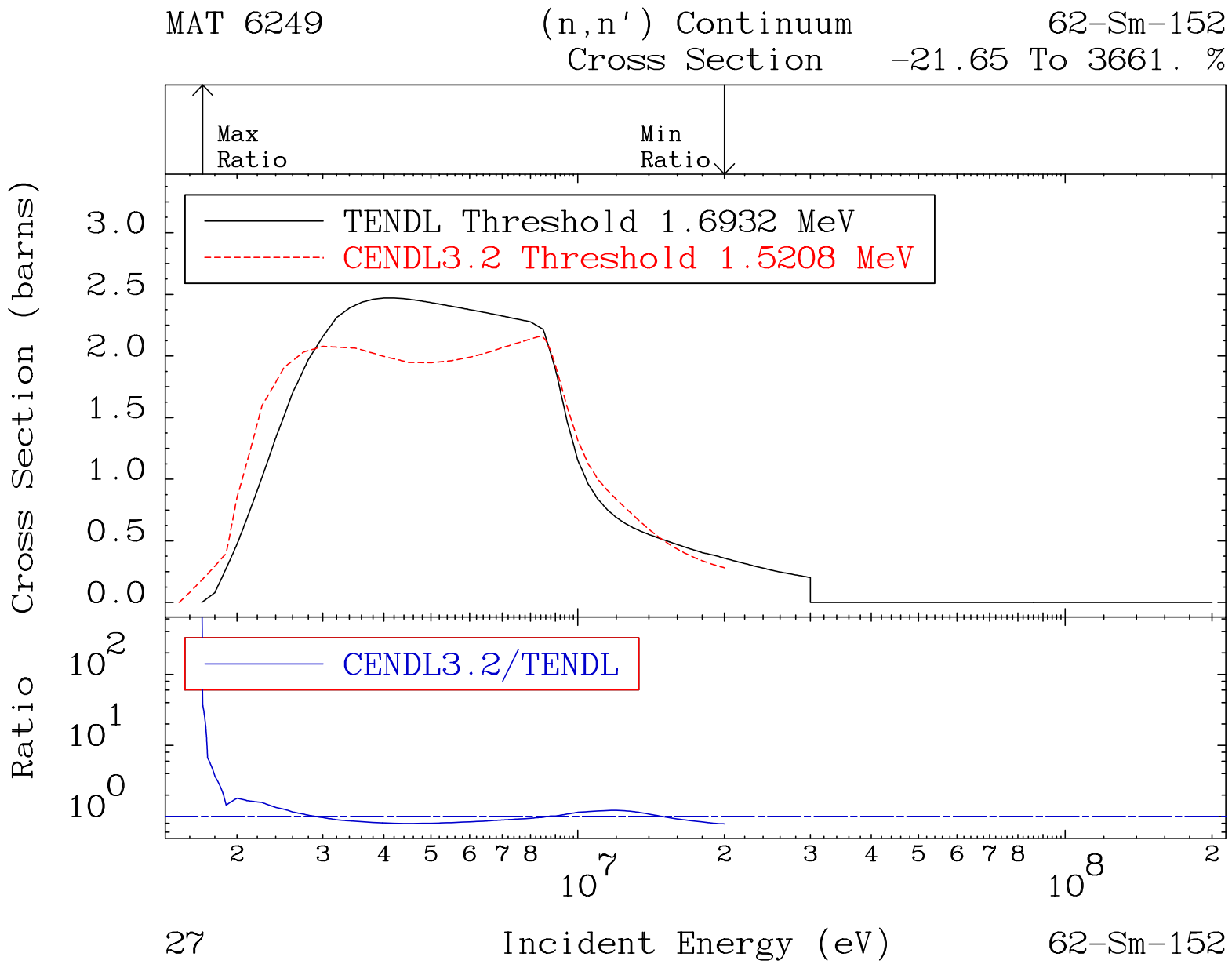

MAT 6249
MT= 65 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 167.6 %
Max
Ratio
TENDL Threshold 1.3014 MeV
CENDL3.2 Threshold 1.3014 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
4
2
0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
22
Incident Energy (eV)
62-Sm-152

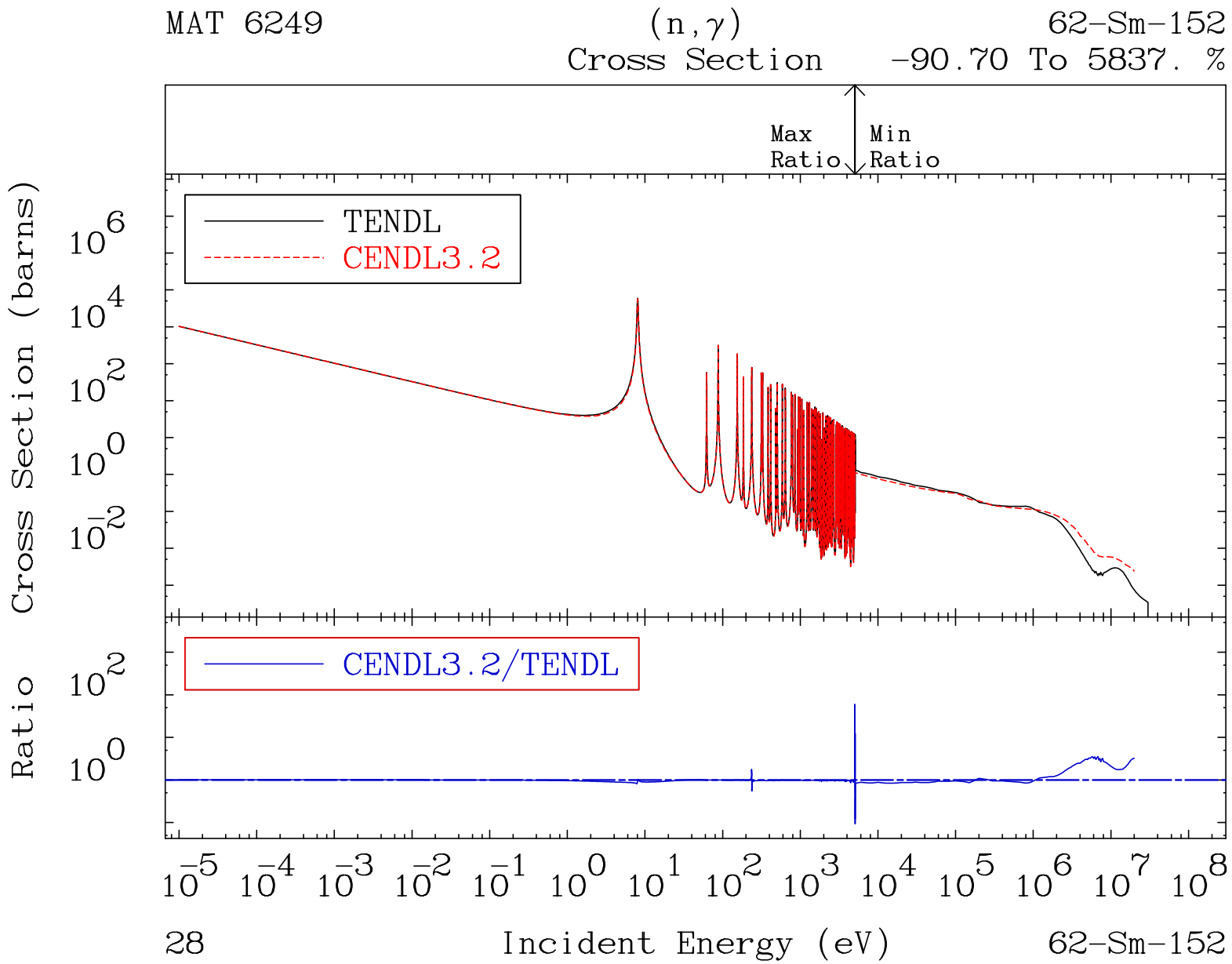

MAT 6249
MT= 66 (n,n') Level
62-Sm-152
Cross Section -99.39 To 62.63 %
Max Ratio
Min Ratio
TENDL Threshold 1.3192 MeV
CENDL3.2 Threshold 1.3192 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
23
62-Sm-152

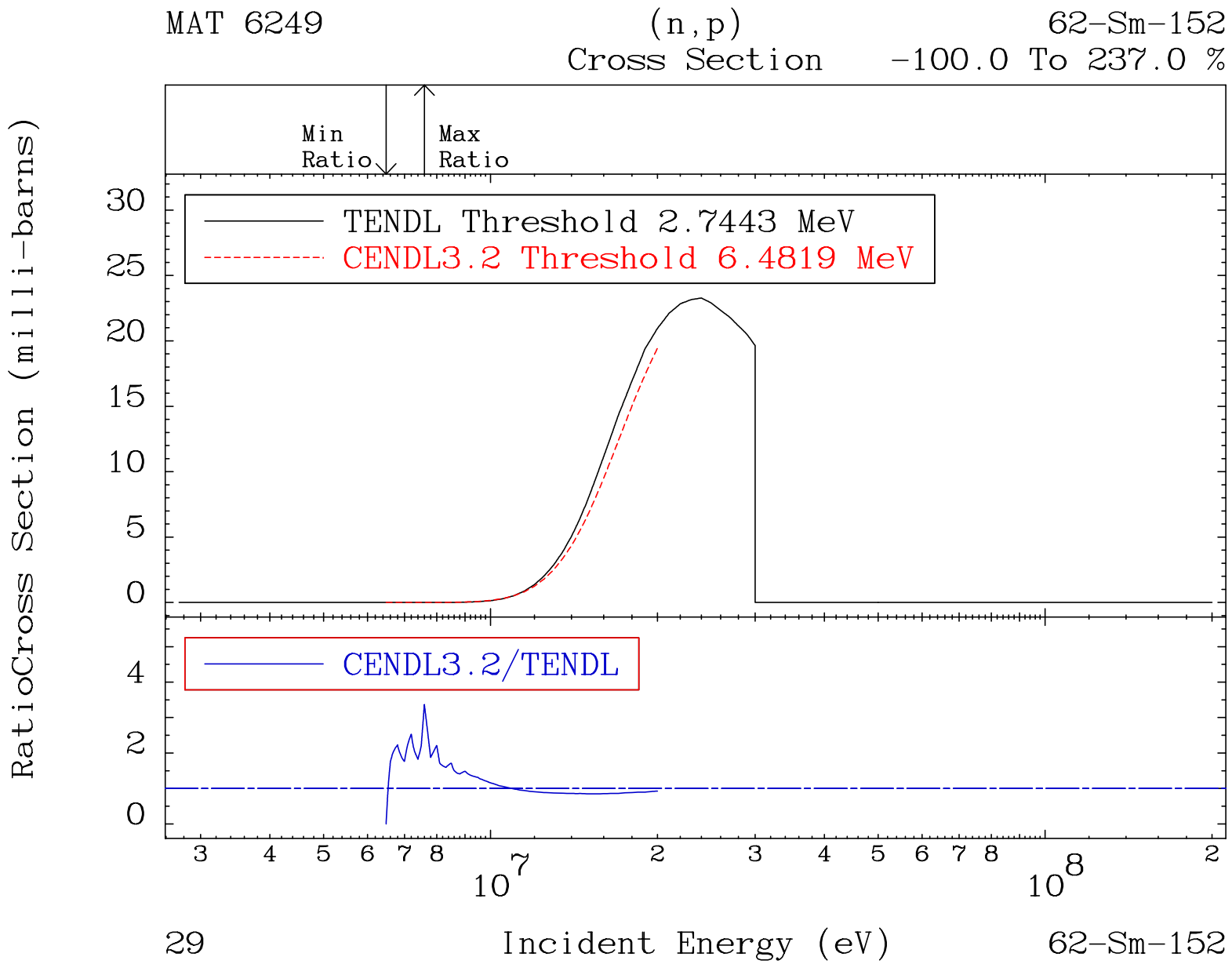

MAT 6249
MT= 67 (n,n') Level
62-Sm-152
Cross Section
-100.0 To 4.353 %
Max
Ratio
TENDL Threshold 1.3808 MeV
CENDL3.2 Threshold 1.3808 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
70
60
50
40
30
20
10
0
1.2
0.6
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
24
Incident Energy (eV)
62-Sm-152

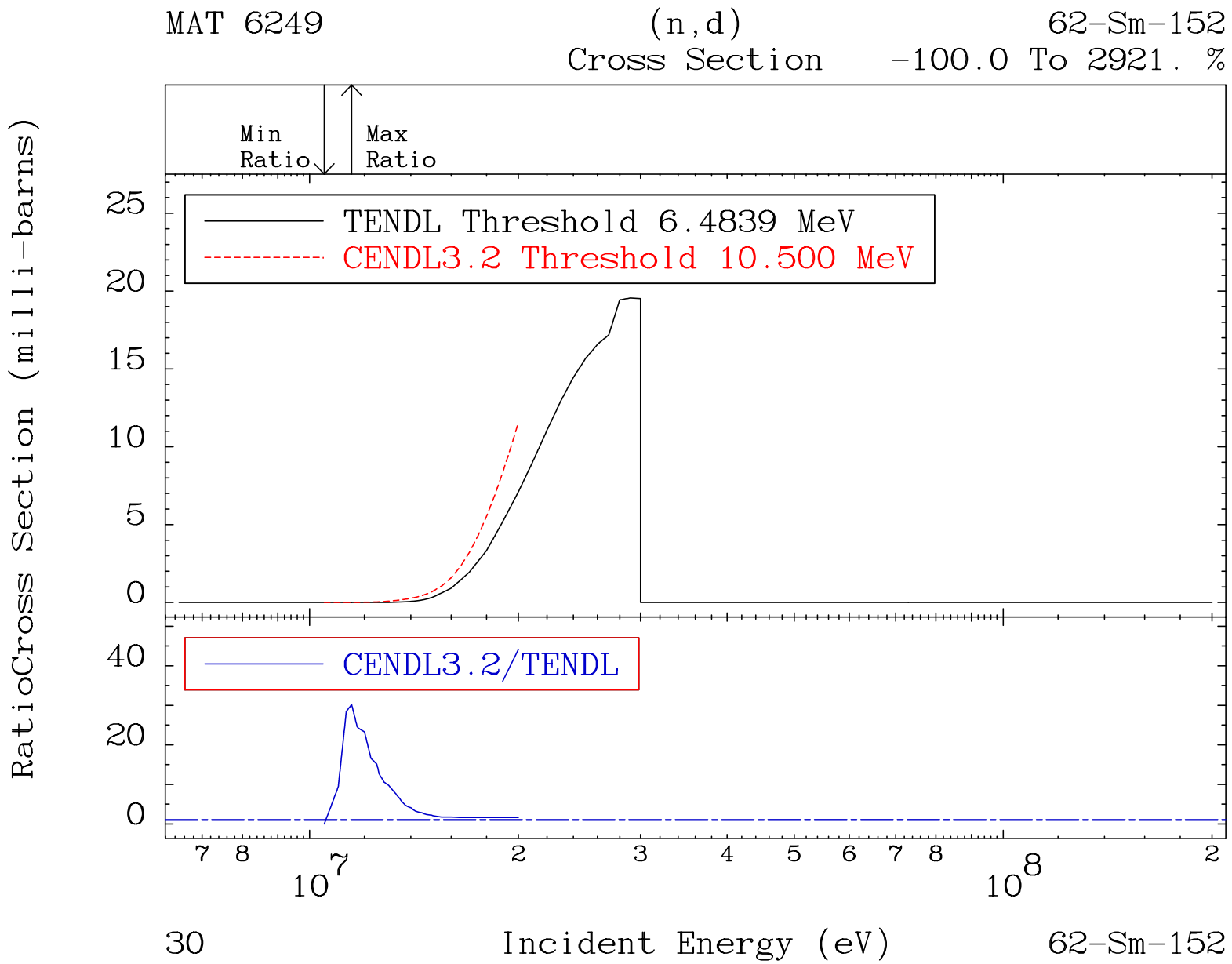

MAT 6249
MT= 68 (n,n') Level
62-Sm-152
Cross Section -99.67 To 140.2 %
Max Ratio
Min Ratio
TENDL Threshold 1.5158 MeV
CENDL3.2 Threshold 1.5156 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
10^0
10^-2
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
25
Incident Energy (eV)
62-Sm-152

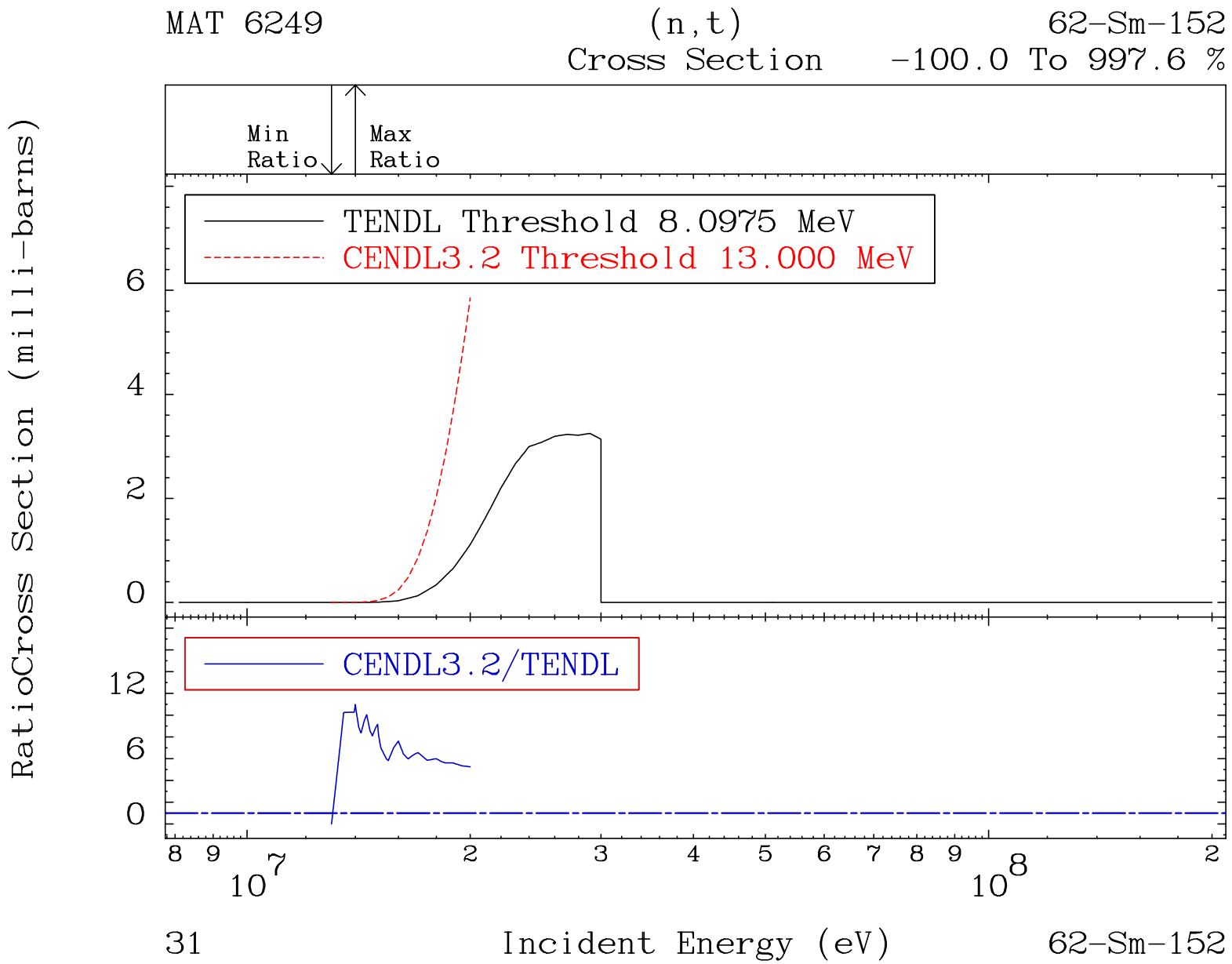

MAT 6249
MT= 69 (n,n') Level
62-Sm-152
Cross Section -100.0 To -18.46%
Max
Ratio
TENDL Threshold 1.5208 MeV
CENDL3.2 Threshold 1.5208 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
26
Incident Energy (eV)
62-Sm-152

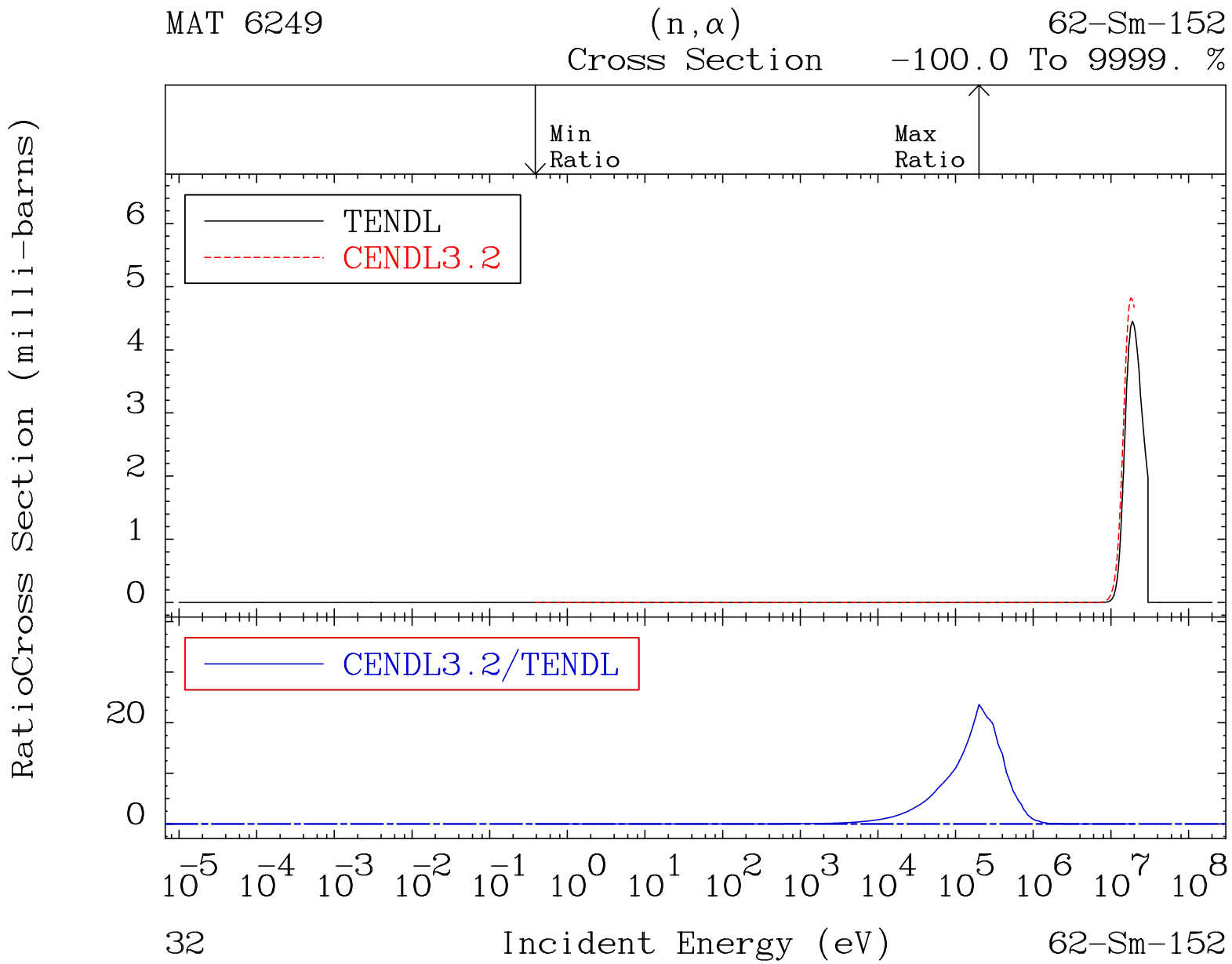

MAT 6249
(n,n') Continuum
Cross Section
62-Sm-152
-21.65 To 3661. %
Max Ratio
Min Ratio
TENDL Threshold 1.6932 MeV
CENDL3.2 Threshold 1.5208 MeV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
27
62-Sm-152

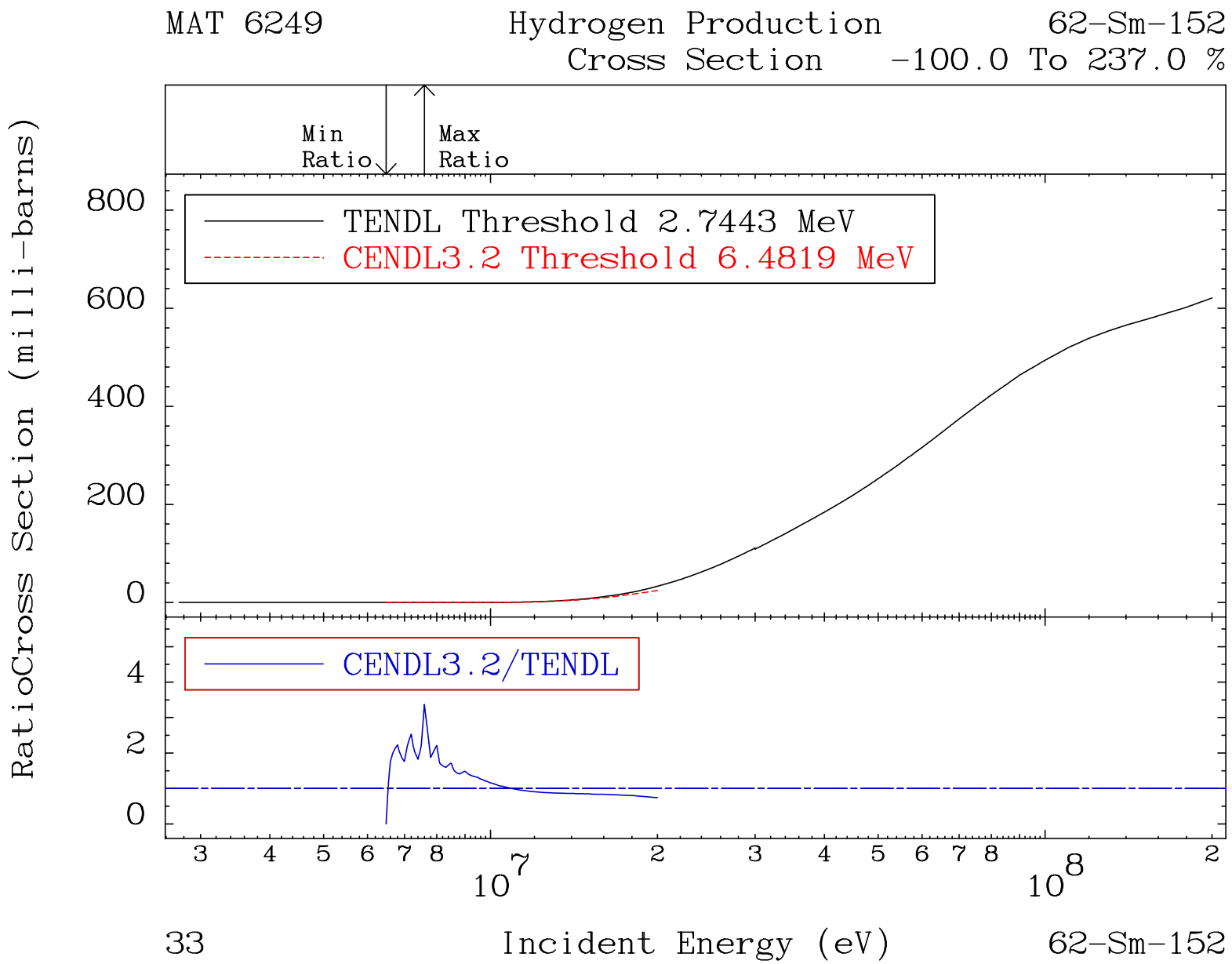

MAT 6249
(n,γ)
Cross Section
62-Sm-152
-90.70 To 5837. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
28
62-Sm-152

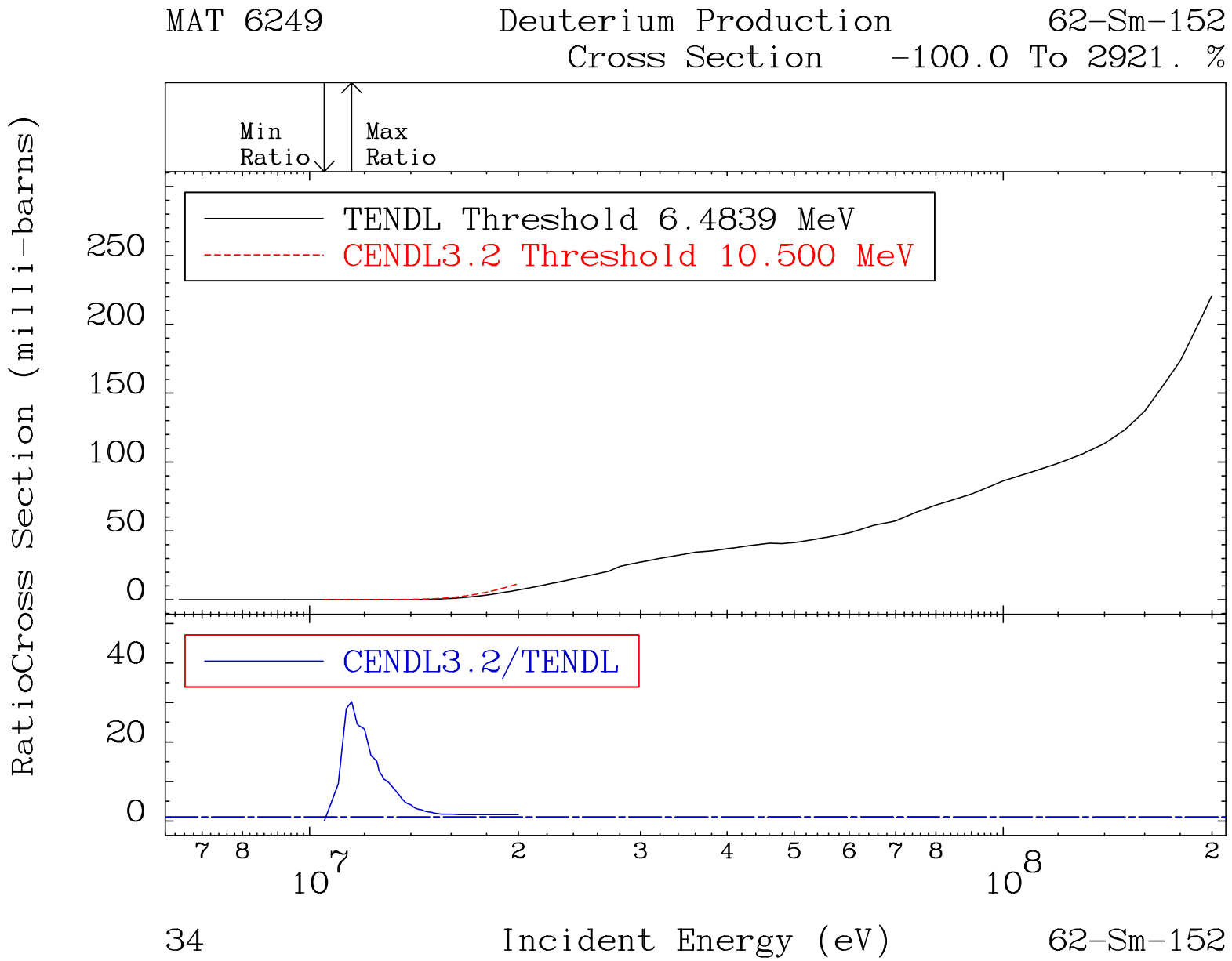

MAT 6249
(n,p)
Cross Section
62-Sm-152
-100.0 To 237.0 %
Min Ratio
Max Ratio
TENDL Threshold 2.7443 MeV
CENDL3.2 Threshold 6.4819 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
4
2
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
29
Incident Energy (eV)
62-Sm-152

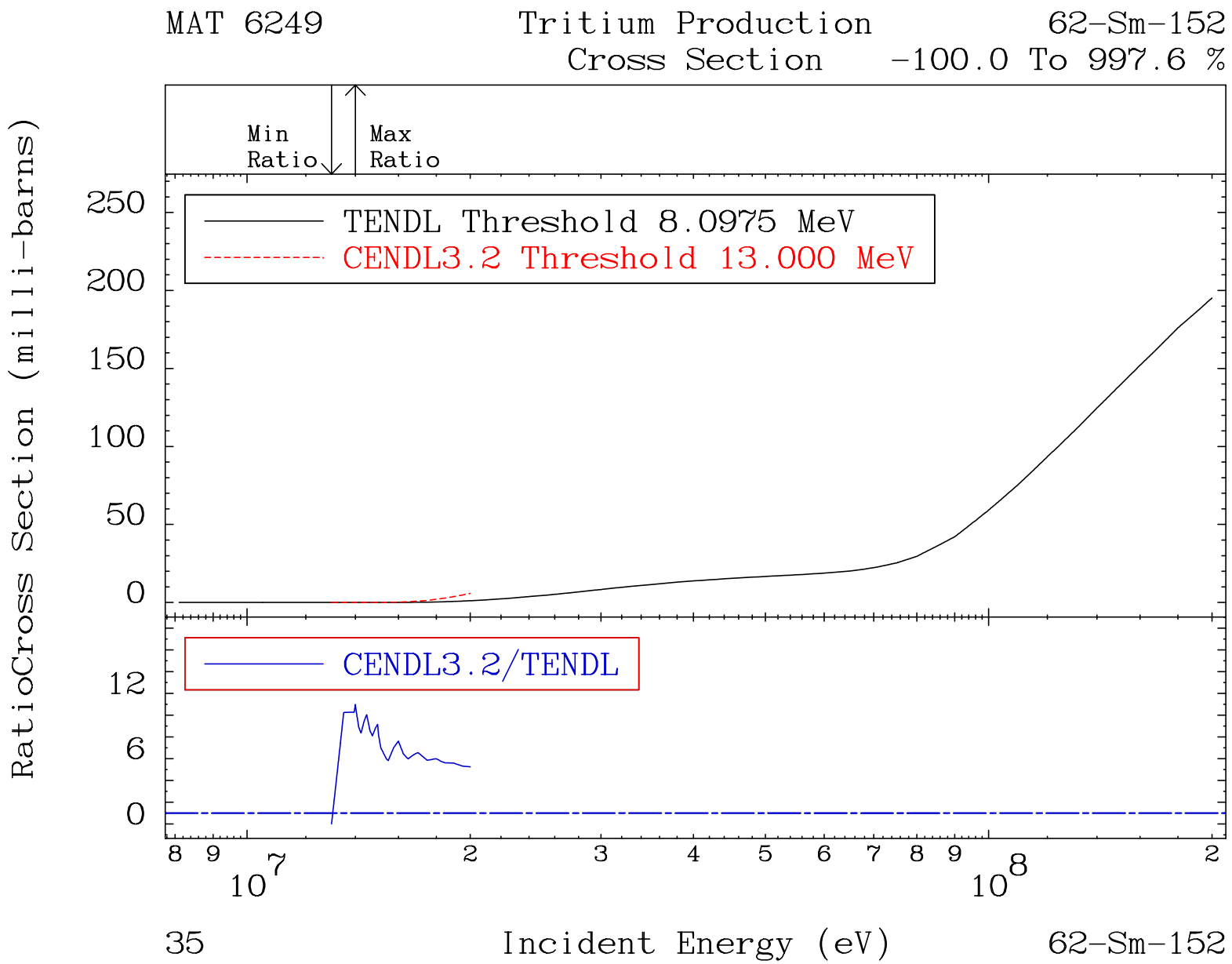

MAT 6249
(n,d)
62-Sm-152
Cross Section
-100.0 To 2921. %
Min Ratio
Max Ratio
TENDL Threshold 6.4839 MeV
CENDL3.2 Threshold 10.500 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
30
62-Sm-152

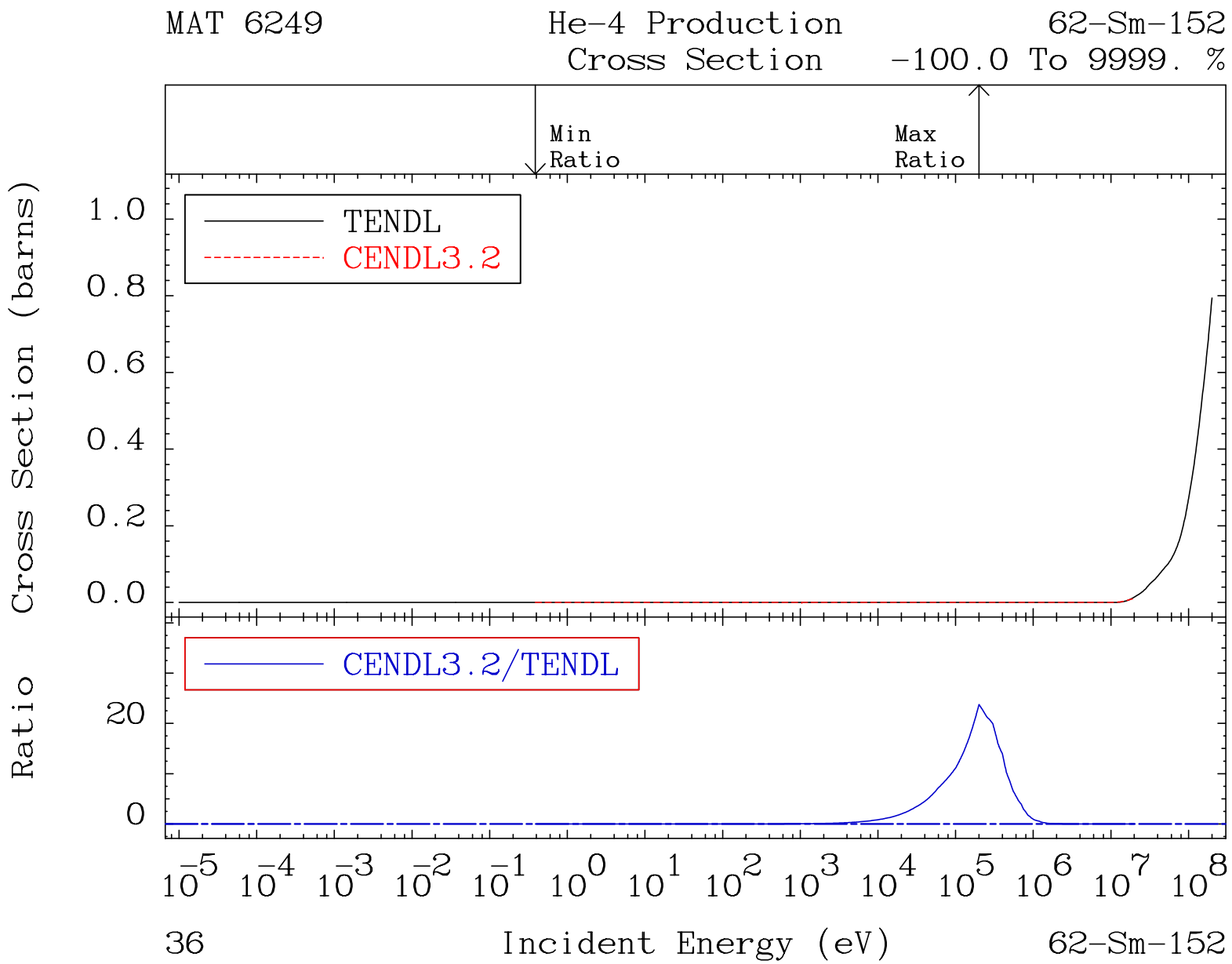

MAT 6249
(n,t)
Cross Section
62-Sm-152
-100.0 To 997.6 %
Min Ratio
Max Ratio
TENDL Threshold 8.0975 MeV
CENDL3.2 Threshold 13.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
31
62-Sm-152

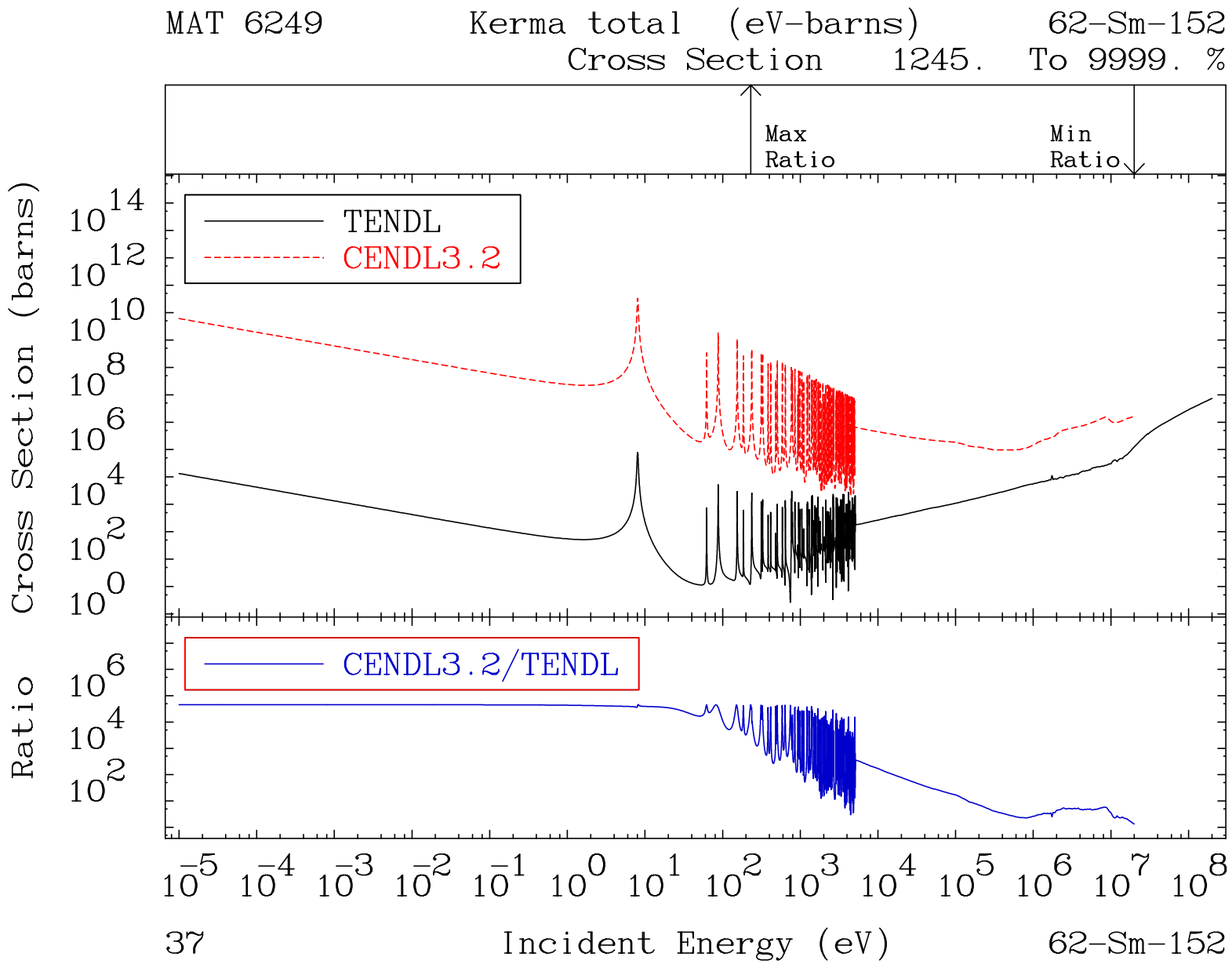

MAT 6249
(n,α)
Cross Section
62-Sm-152
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
32
62-Sm-152

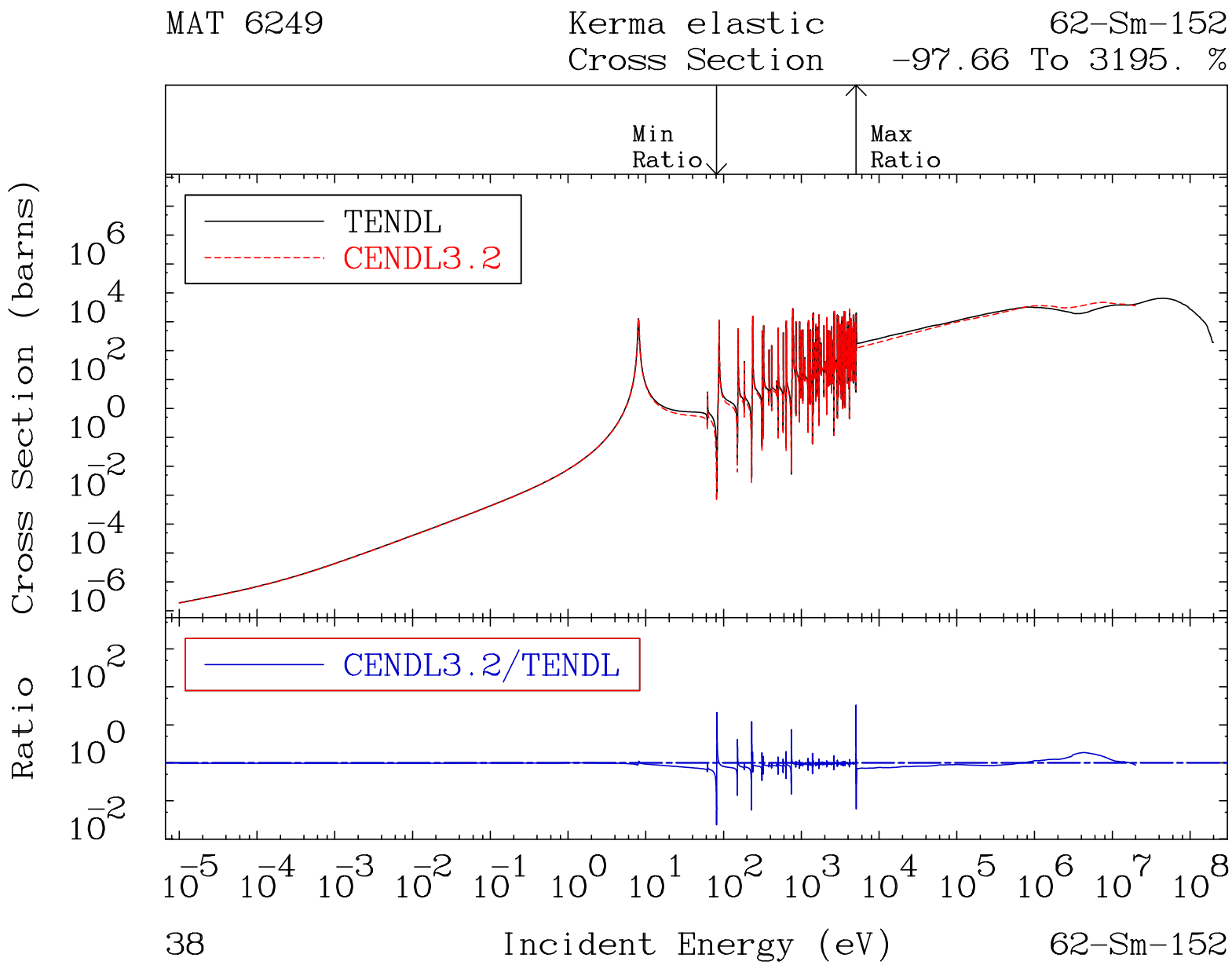

MAT 6249
Hydrogen Production
62-Sm-152
Cross Section
-100.0 To 237.0 %
Min Ratio
Max Ratio
TENDL Threshold 2.7443 MeV
CENDL3.2 Threshold 6.4819 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
800
600
400
200
0
4
2
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
33
Incident Energy (eV)
62-Sm-152

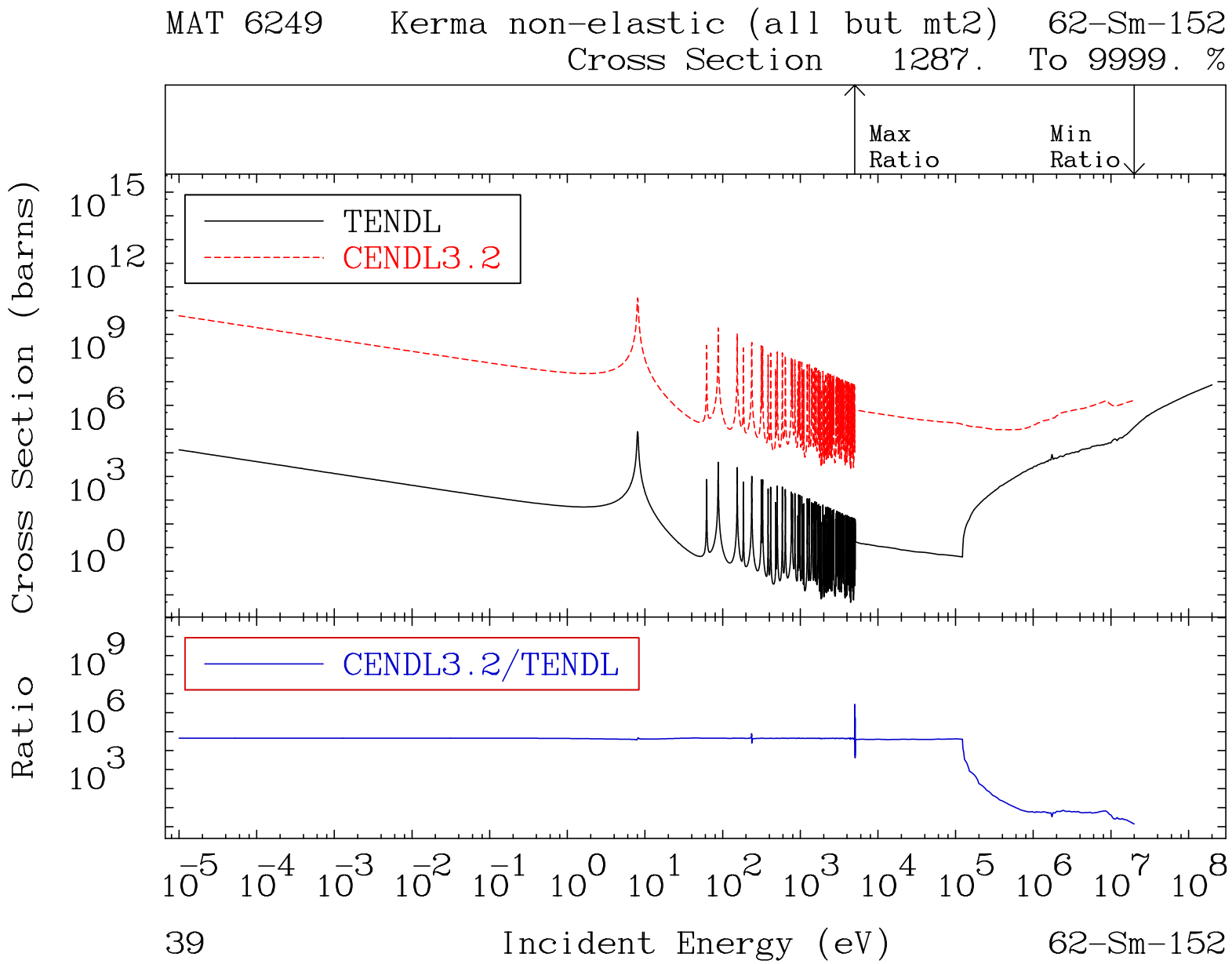

MAT 6249
Deuterium Production
62-Sm-152
Cross Section -100.0 To 2921. %
Min Ratio
Max Ratio
TENDL Threshold 6.4839 MeV
CENDL3.2 Threshold 10.500 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
40
20
0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
34
Incident Energy (eV)
62-Sm-152

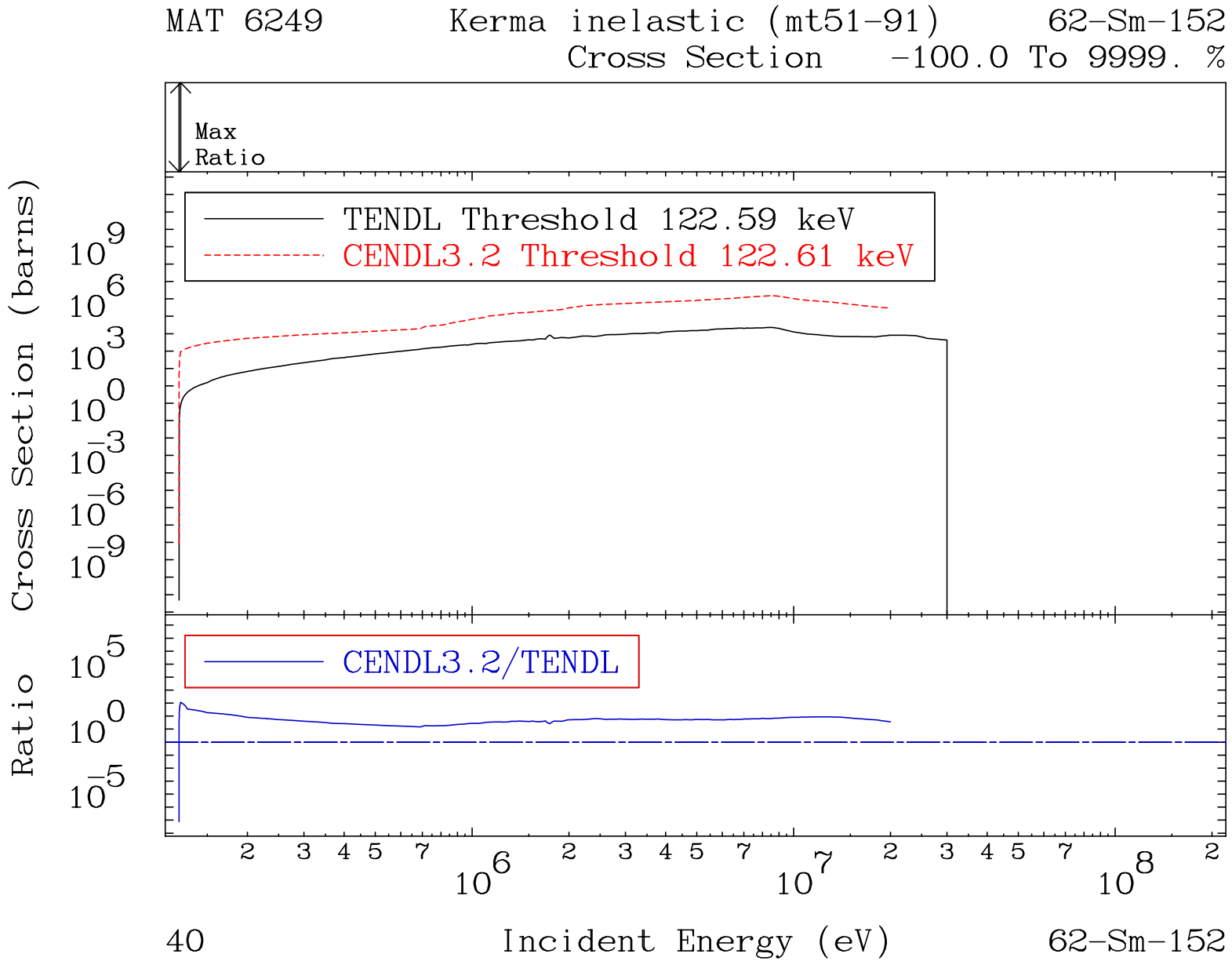

MAT 6249
Tritium Production
62-Sm-152
Cross Section
-100.0 To 997.6 %
Min Ratio
Max Ratio
TENDL Threshold 8.0975 MeV
CENDL3.2 Threshold 13.000 MeV
CENDL3.2/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
12
6
0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
35
Incident Energy (eV)
62-Sm-152

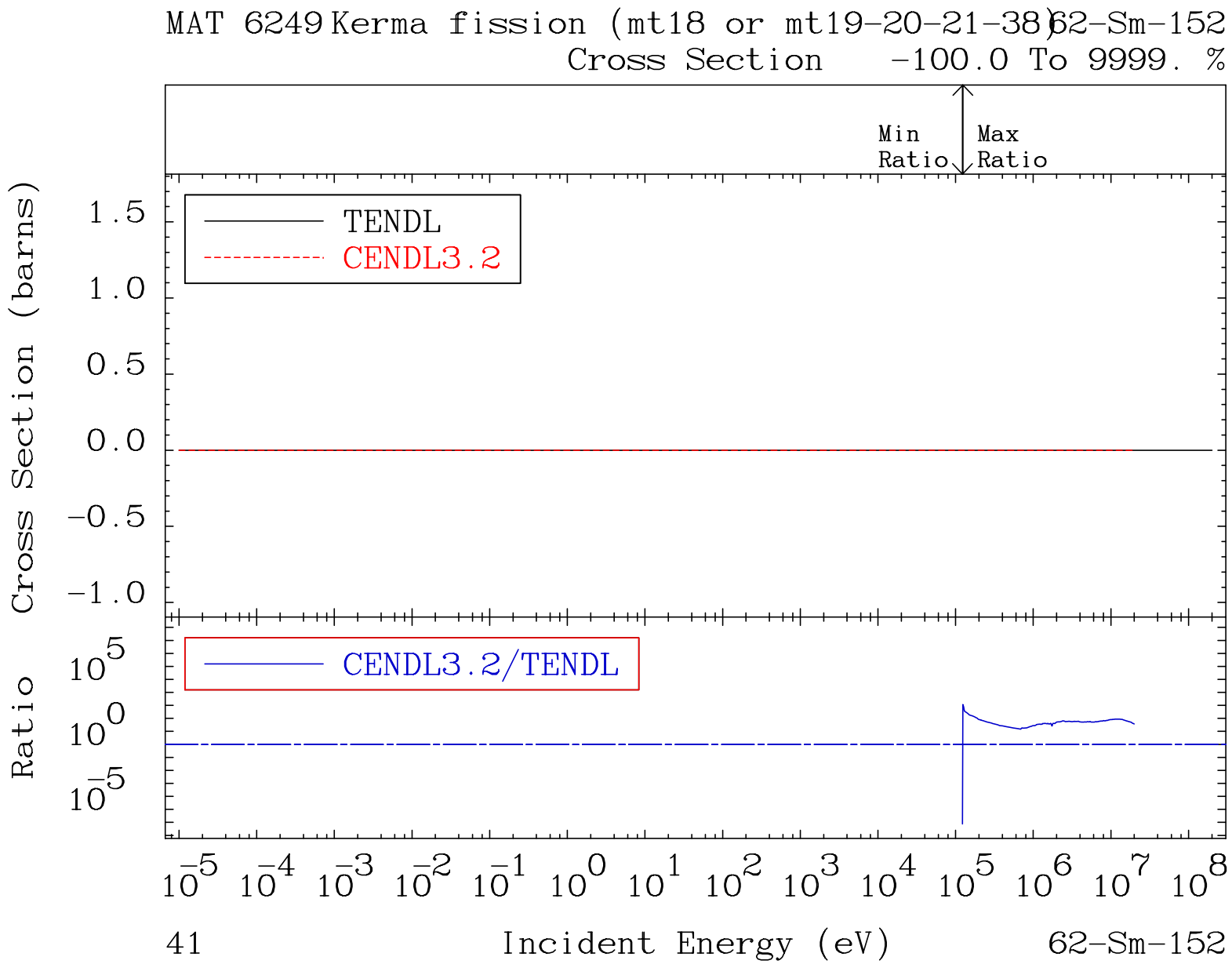

MAT 6249
He-4 Production
Cross Section
62-Sm-152
-100.0 To 9999. %
Min
Ratio
Max
Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
1.0
0.8
0.6
0.4
0.2
0.0
20
0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
Incident Energy (eV)
36
62-Sm-152

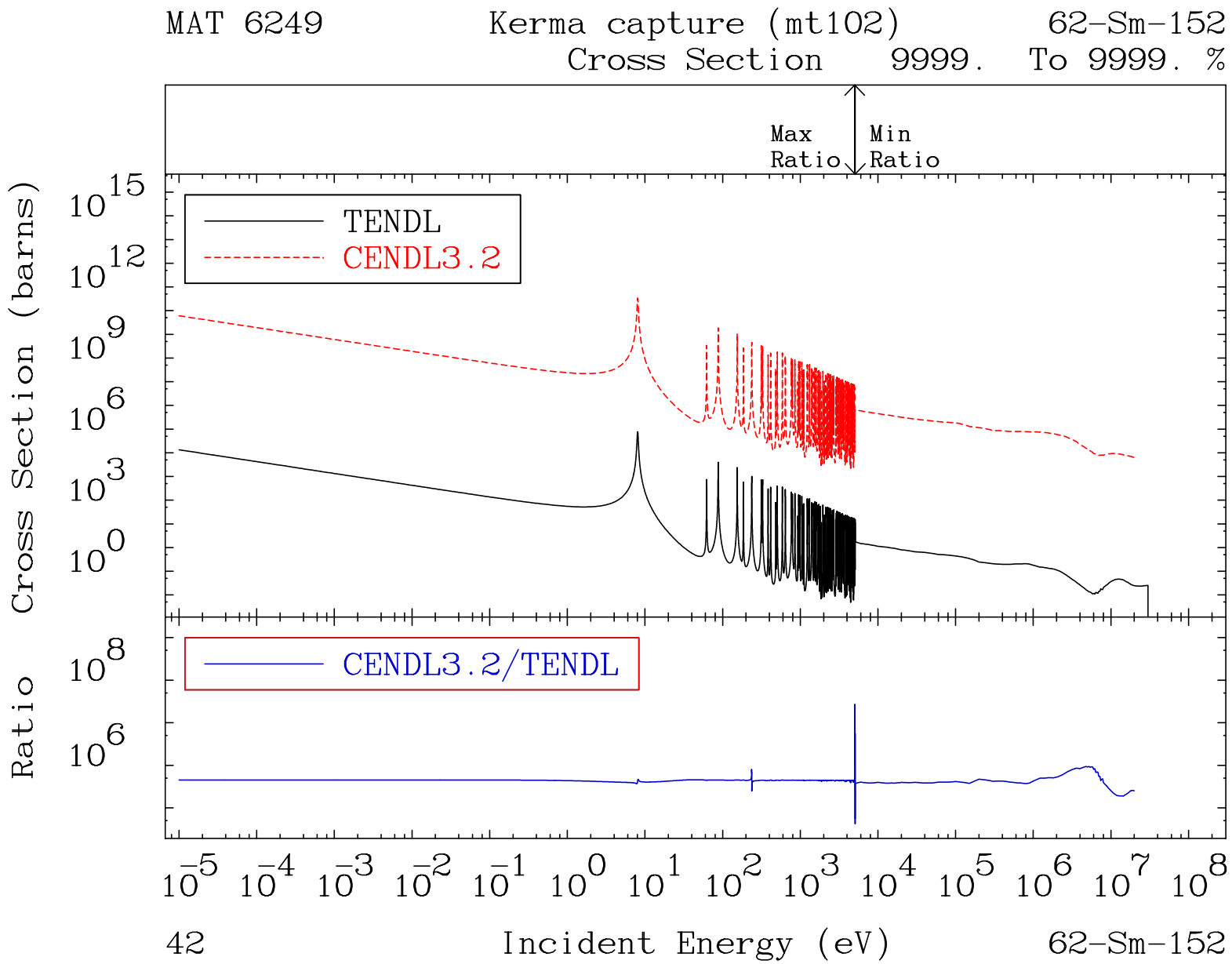

MAT 6249
Kerma total (eV-barns)
62-Sm-152
Cross Section 1245. To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
Cross Section (barns)
CENDL3.2/TENDL
Ratio
Incident Energy (eV)
37
62-Sm-152

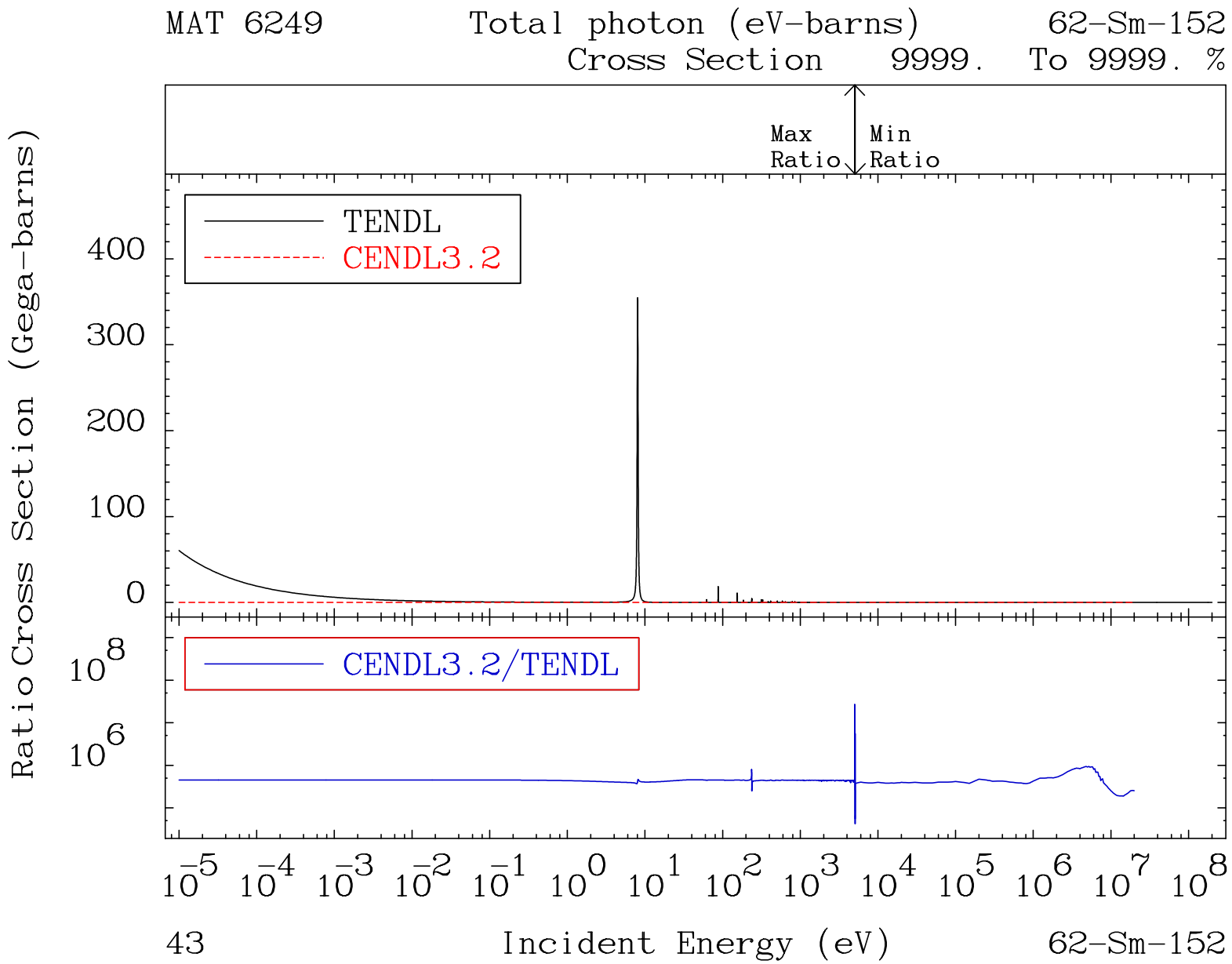

MAT 6249
Kerma elastic
Cross Section
62-Sm-152
-97.66 To 3195. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
38
62-Sm-152

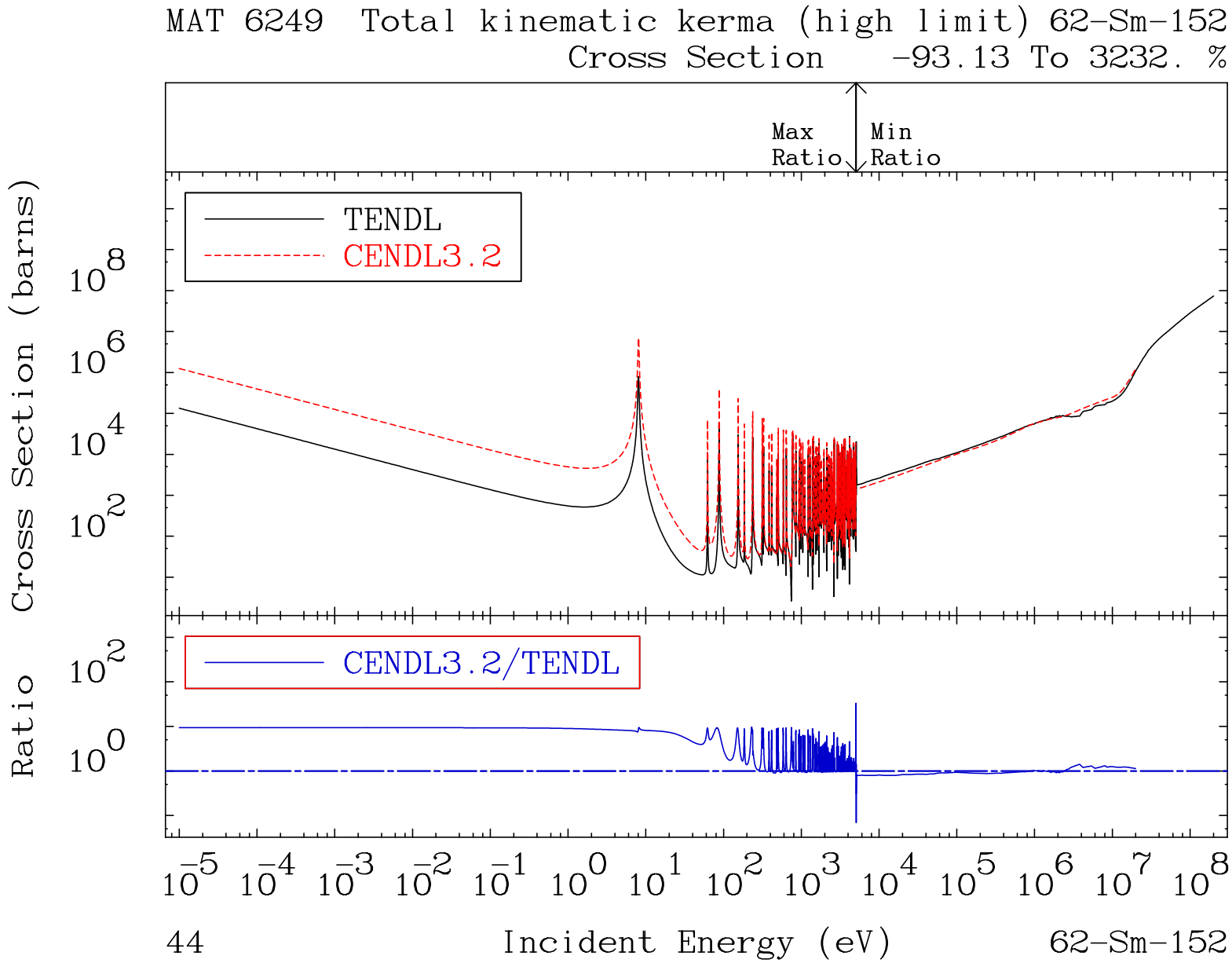

MAT 6249 Kerma non-elastic (all but mt2) 62-Sm-152
Cross Section 1287. To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
39
62-Sm-152

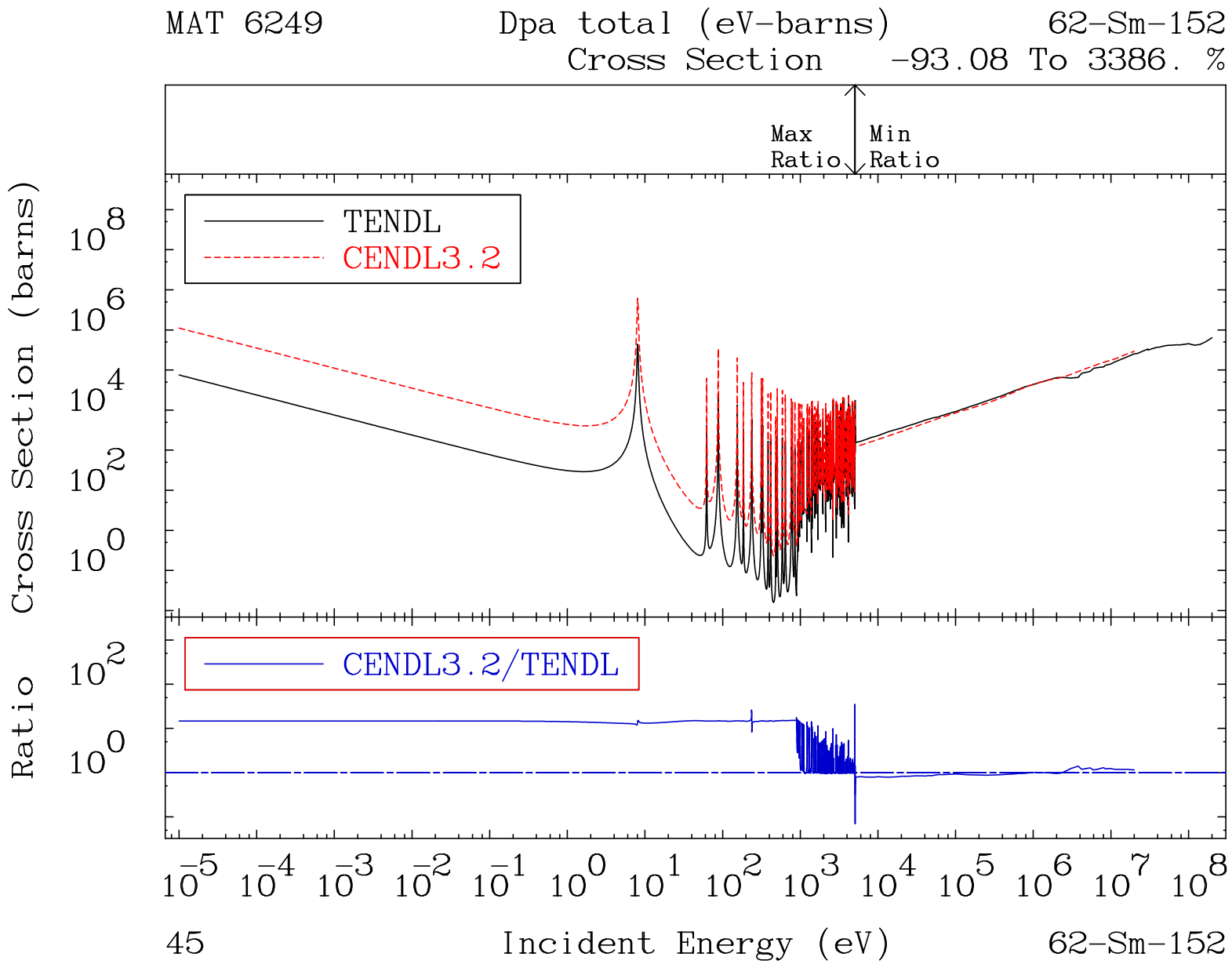

MAT 6249
Kerma inelastic (mt51-91)
62-Sm-152
Cross Section -100.0 To 9999. %
Max
Ratio
TENDL Threshold 122.59 keV
CENDL3.2 Threshold 122.61 keV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
40
62-Sm-152

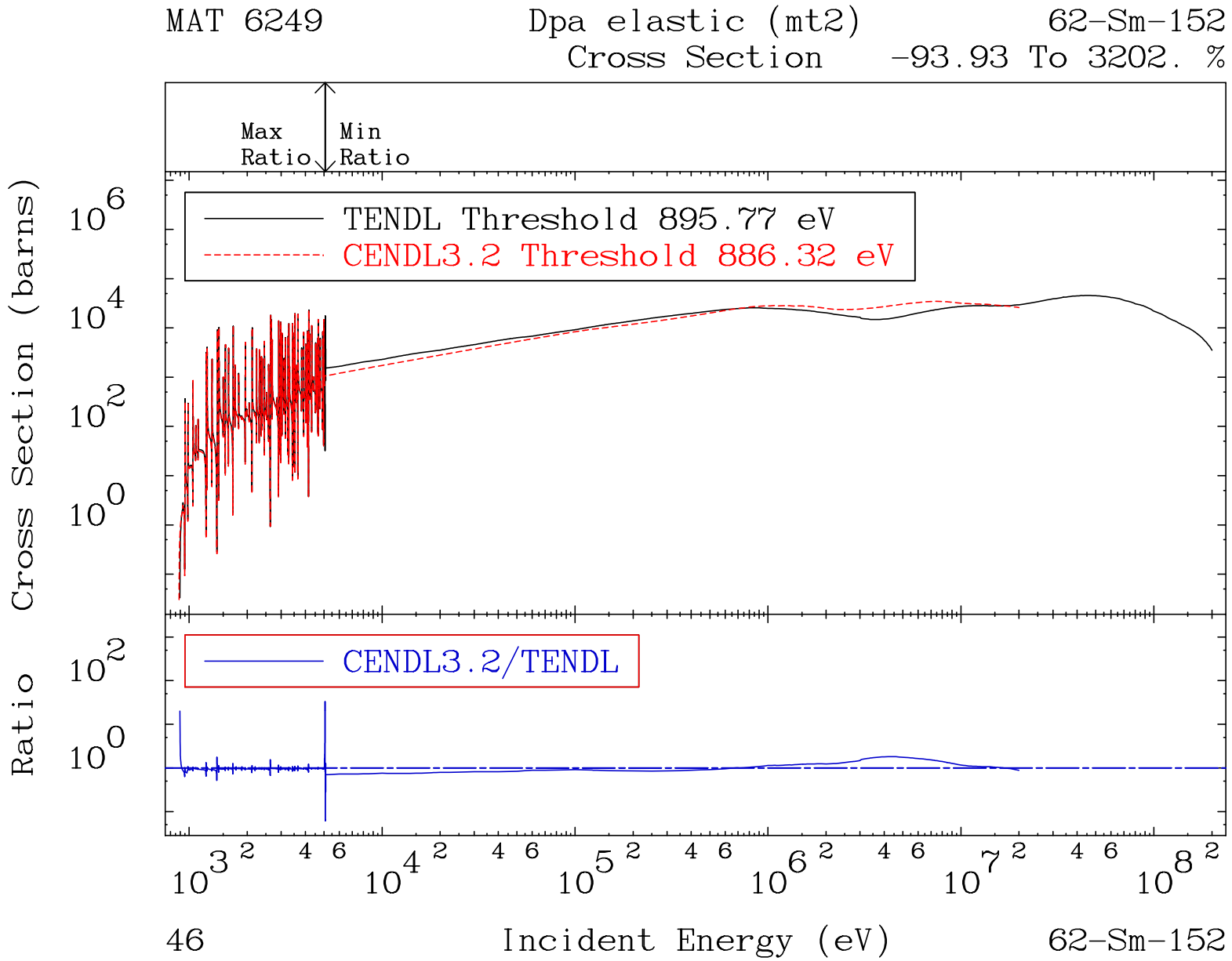

MAT 6249 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-152
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
$10^{5}$
$10^{0}$
$10^{-5}$
$10^{-5}$ $10^{-4}$ $10^{-3}$ $10^{-2}$ $10^{-1}$ $10^{0}$ $10^{1}$ $10^{2}$ $10^{3}$ $10^{4}$ $10^{5}$ $10^{6}$ $10^{7}$ $10^{8}$
41
Incident Energy (eV)
62-Sm-152

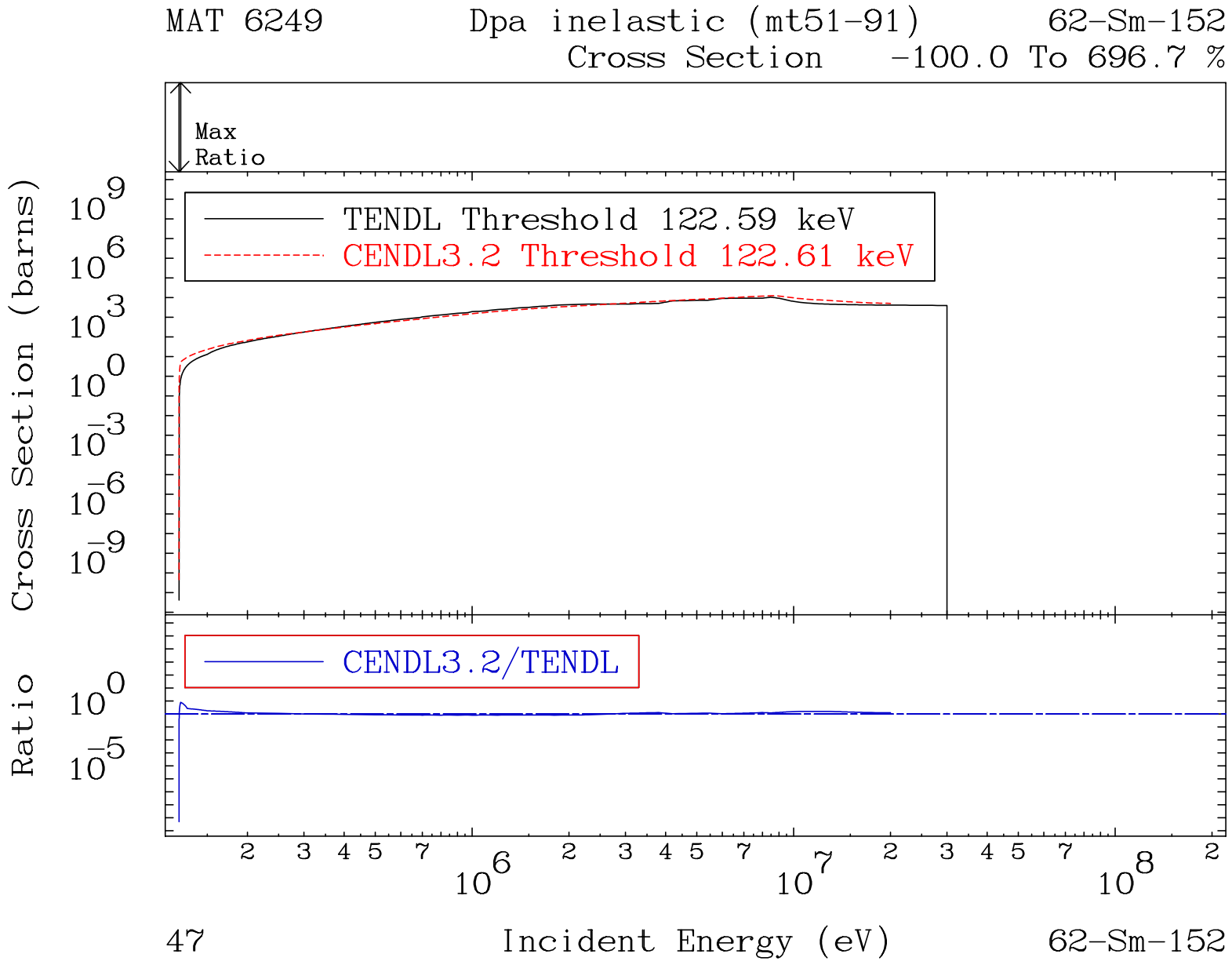

MAT 6249
Kerma capture (mt102)
62-Sm-152
Cross Section 9999. To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
42
62-Sm-152

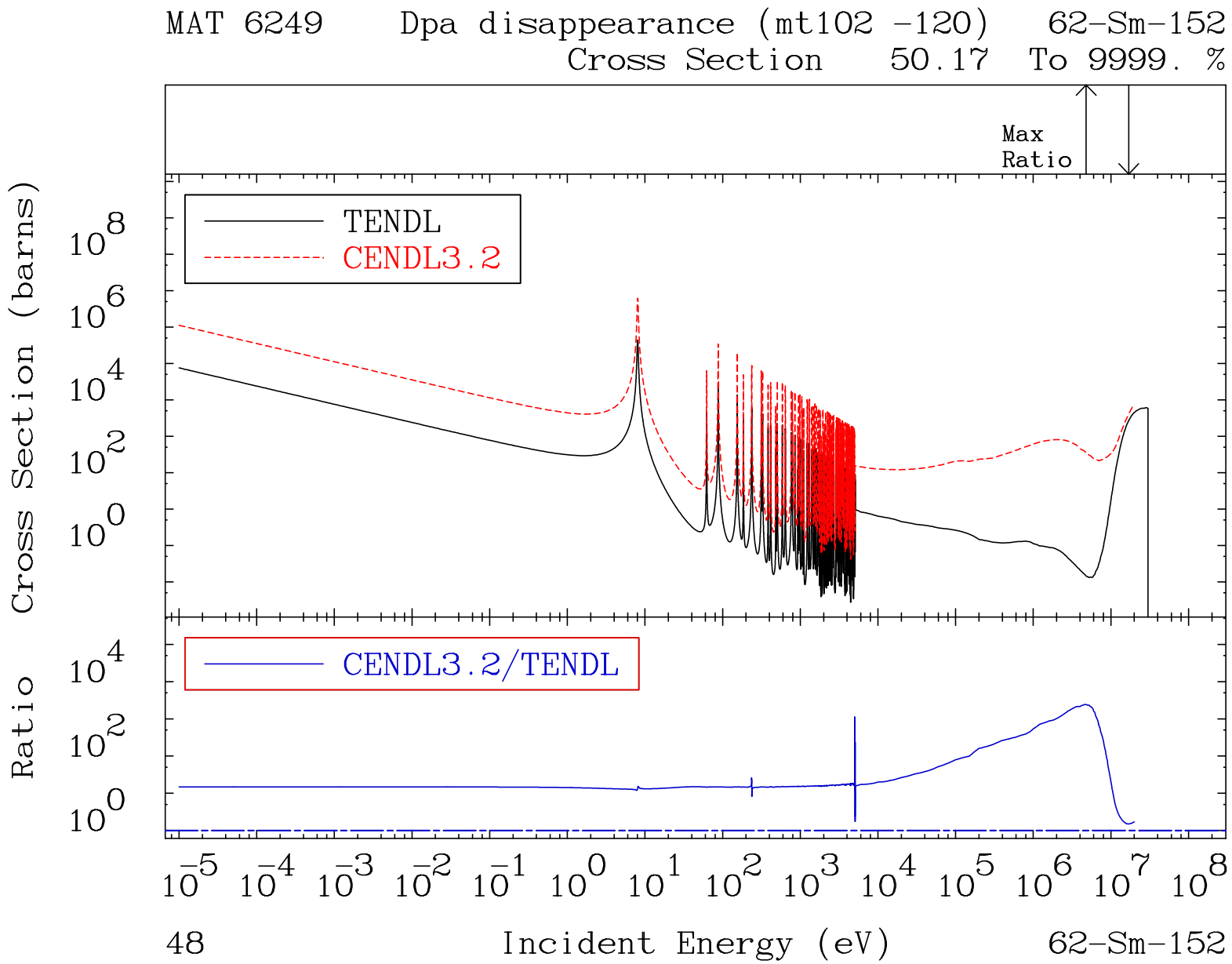

MAT 6249
Total photon (eV-barns)
62-Sm-152
Cross Section 9999. To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Ratio Cross Section (Giga-barns)
400
300
200
100
0
10^8
10^6
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
43
Incident Energy (eV)
62-Sm-152

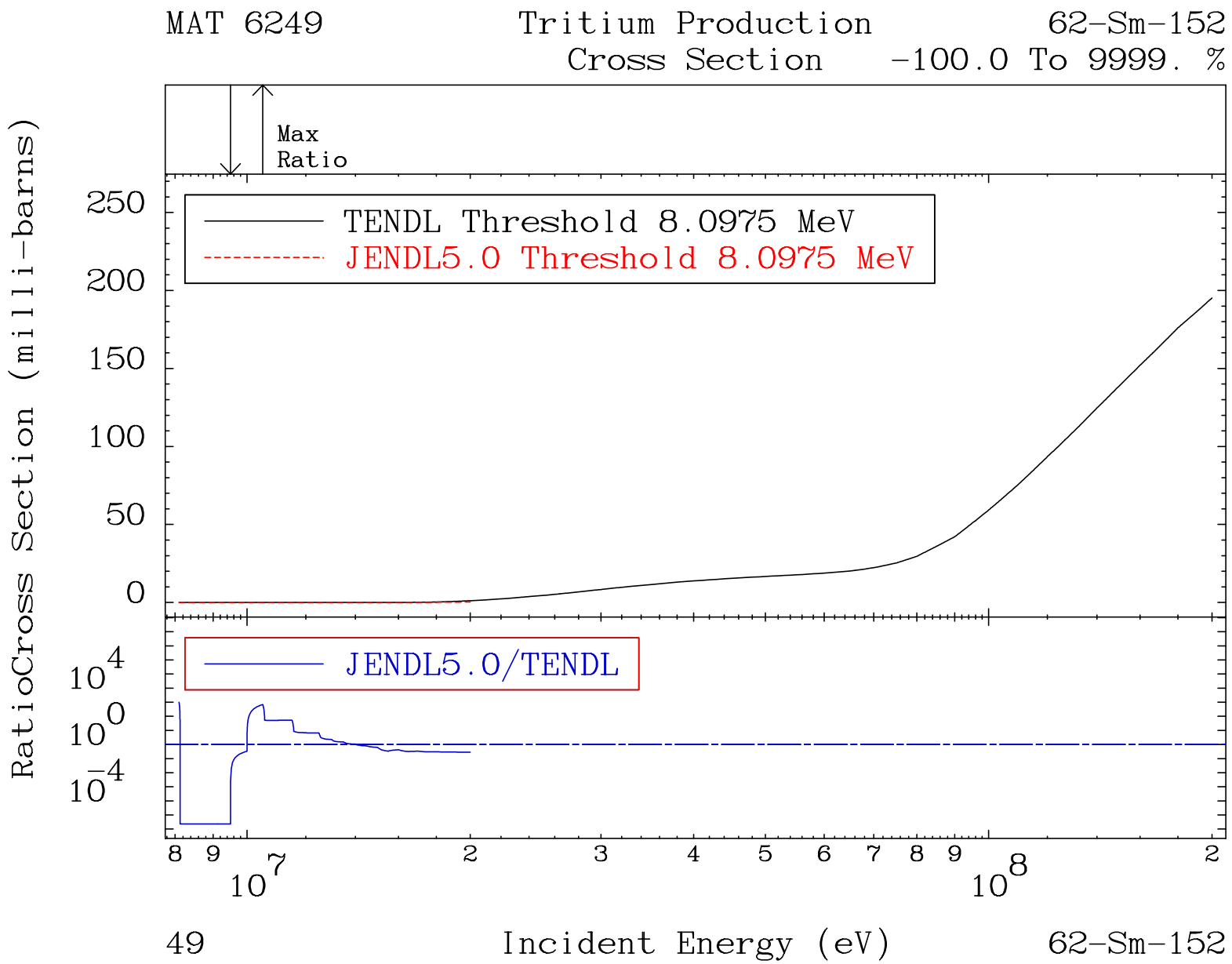

MAT 6249 Total kinematic kerma (high limit) 62-Sm-152
Cross Section -93.13 To 3232. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
Cross Section (barns)
CENDL3.2/TENDL
Ratio
Incident Energy (eV)
44
62-Sm-152

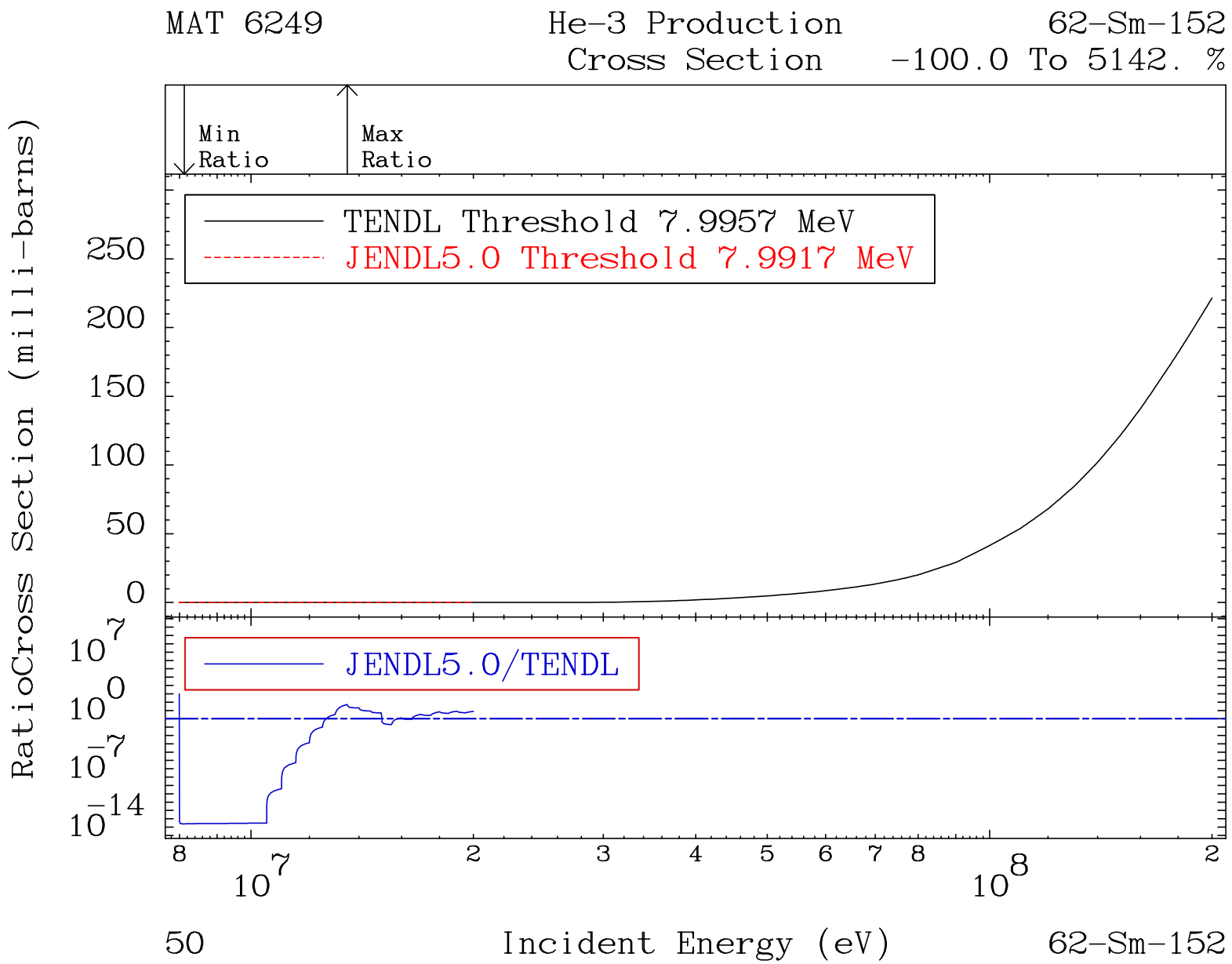

MAT 6249
Dpa total (eV-barns)
62-Sm-152
Cross Section -93.08 To 3386. %
Max Ratio
Min Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
45
62-Sm-152

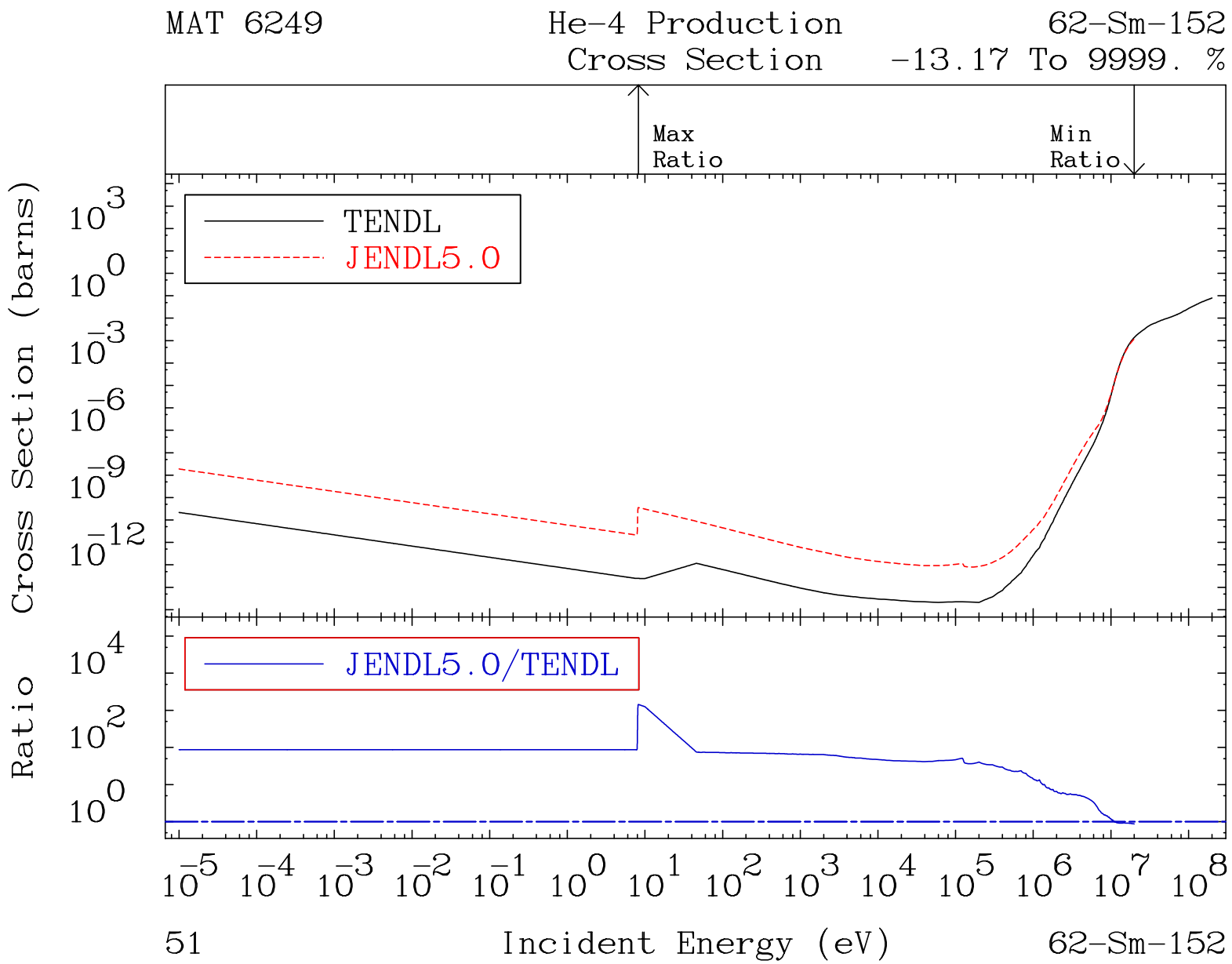

MAT 6249
Dpa elastic (mt2)
Cross Section
62-Sm-152
-93.93 To 3202. %
Max Ratio
Min Ratio
TENDL Threshold 895.77 eV
CENDL3.2 Threshold 886.32 eV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
46
62-Sm-152

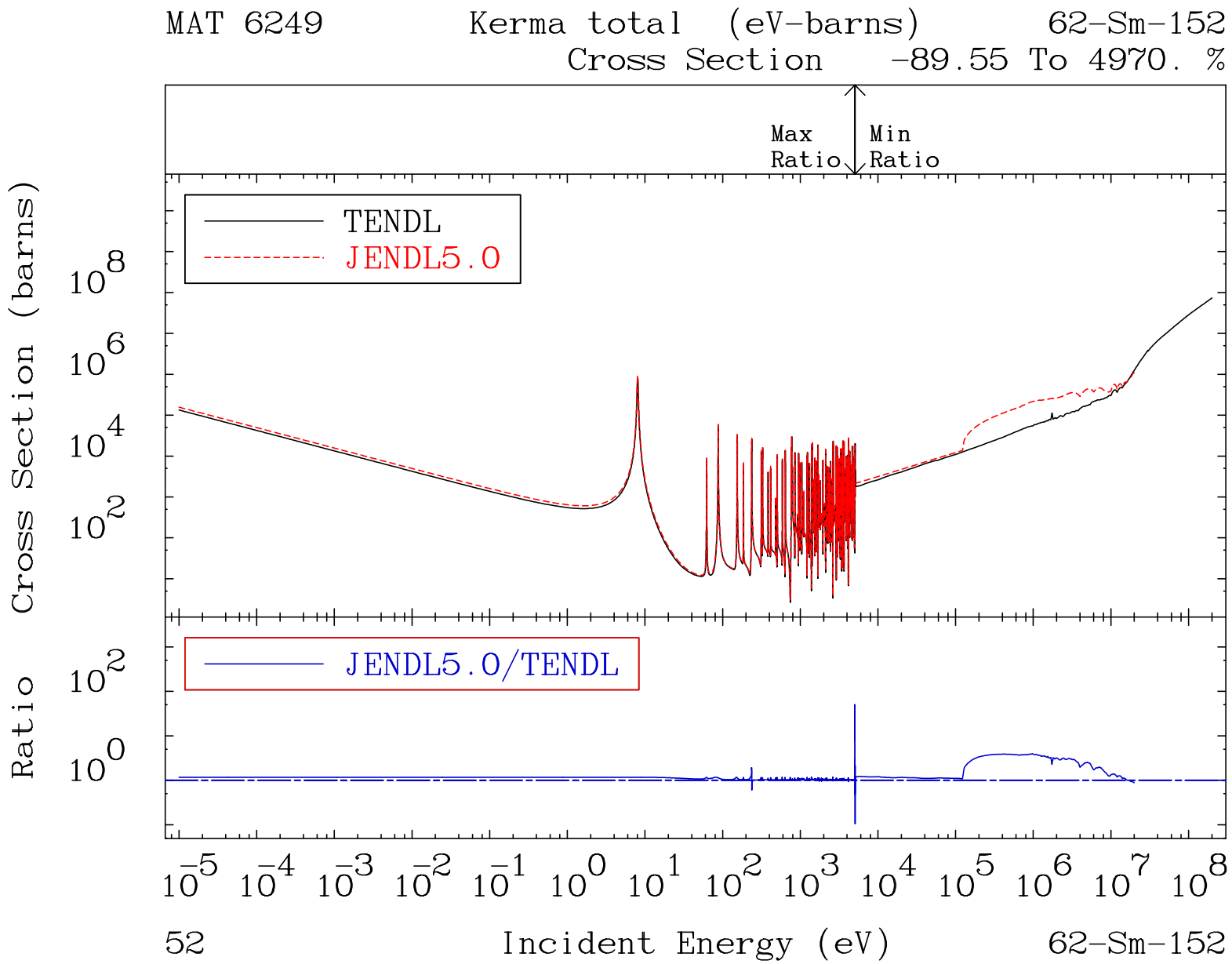

MAT 6249
Dpa inelastic (mt51-91)
62-Sm-152
Cross Section
-100.0 To 696.7 %
Max
Ratio
TENDL Threshold 122.59 keV
CENDL3.2 Threshold 122.61 keV
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
47
62-Sm-152

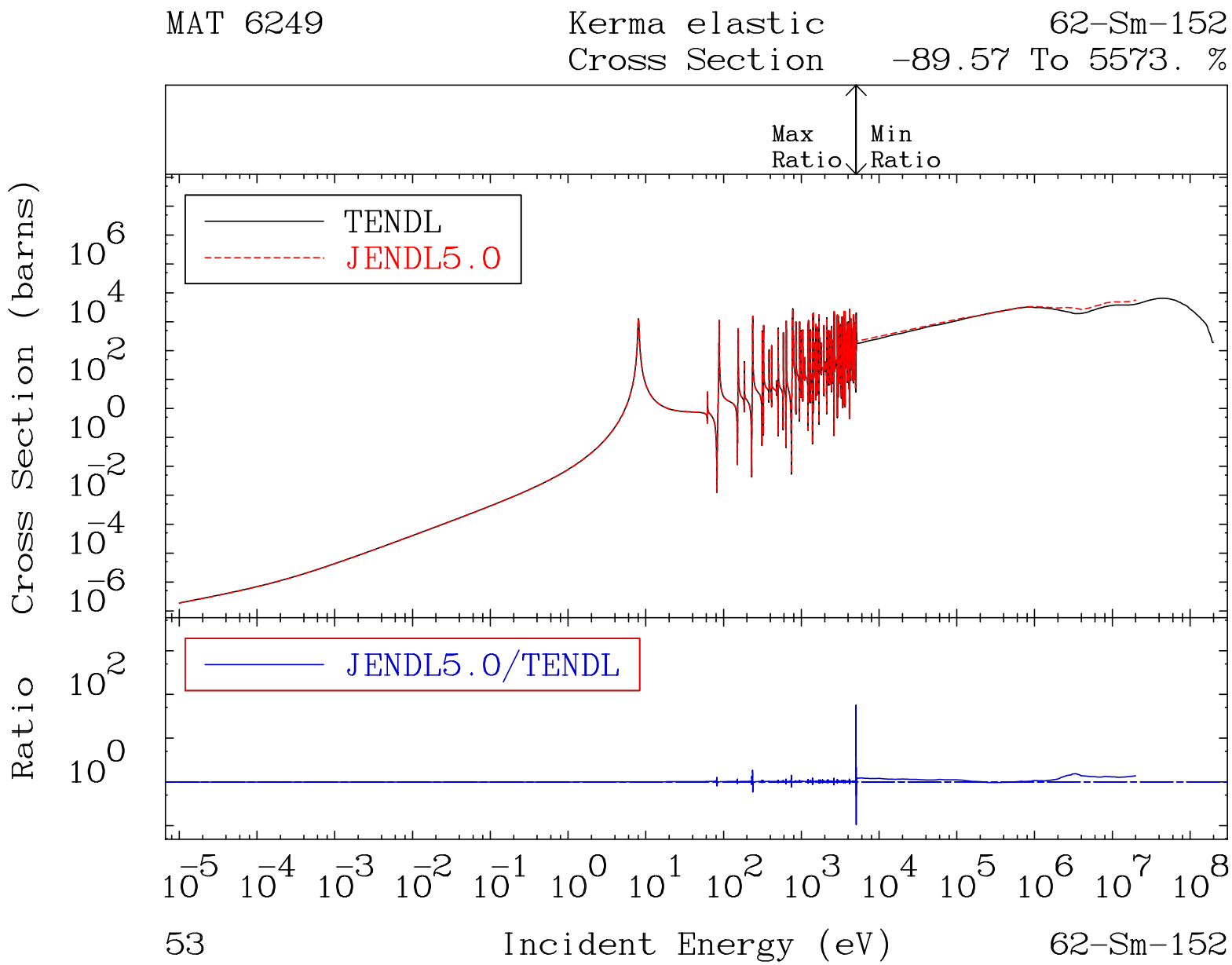

MAT 6249 Dpa disappearance (mt102 -120) 62-Sm-152
Cross Section 50.17 To 9999. %
Max
Ratio
TENDL
CENDL3.2
CENDL3.2/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
48
62-Sm-152

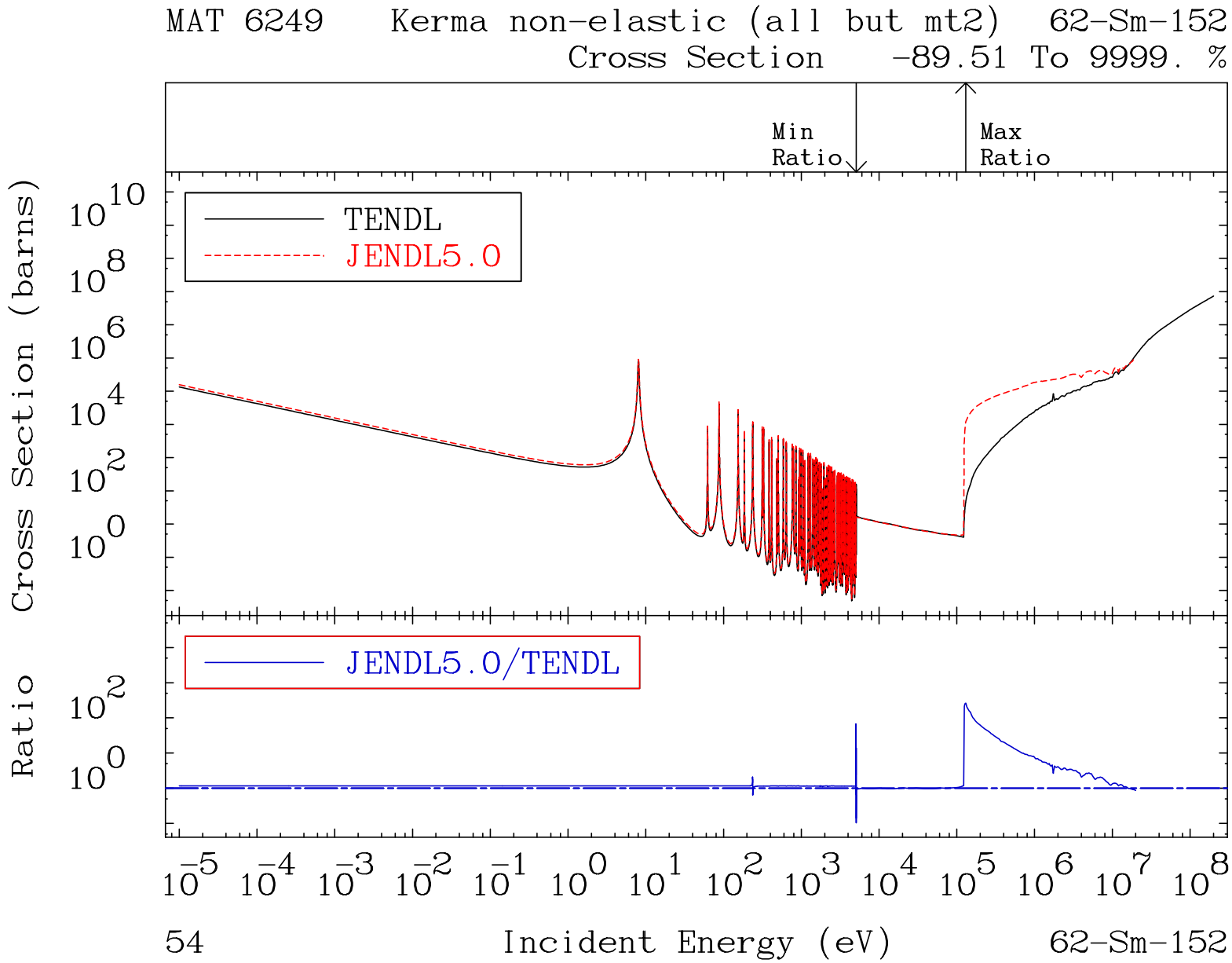

MAT 6249
Tritium Production
62-Sm-152
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 8.0975 MeV
JENDL5.0 Threshold 8.0975 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
10^4
10^0
10^-4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
49
Incident Energy (eV)
62-Sm-152

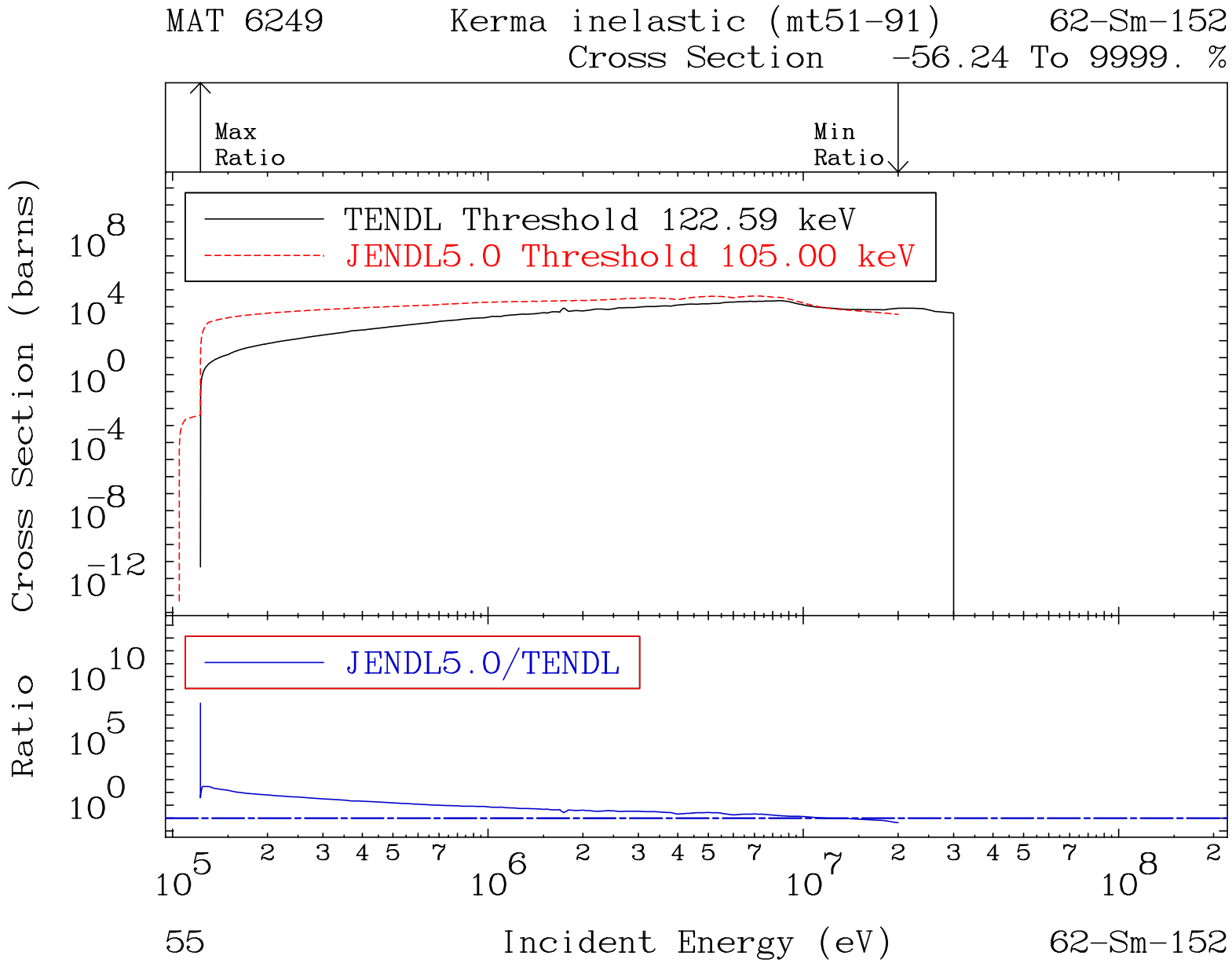

MAT 6249
He-3 Production
Cross Section
62-Sm-152
-100.0 To 5142. %
Min Ratio
Max Ratio
TENDL Threshold 7.9957 MeV
JENDL5.0 Threshold 7.9917 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
10^7
10^0
10^-7
10^-14
8
10^7
2
3
4
5
6
7
8
10^8
2
50
Incident Energy (eV)
62-Sm-152

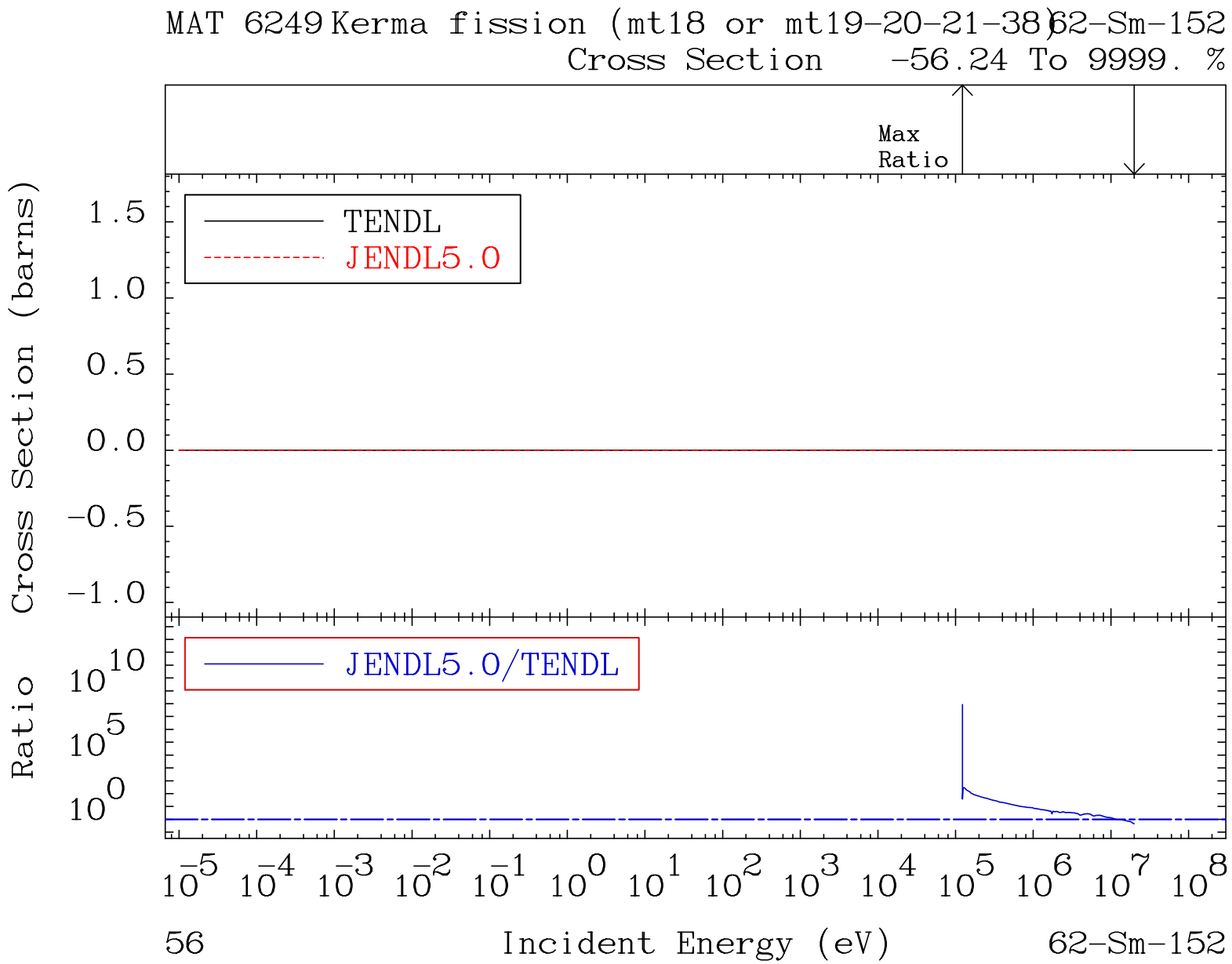

MAT 6249
He-4 Production
Cross Section
62-Sm-152
-13.17 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
51
62-Sm-152

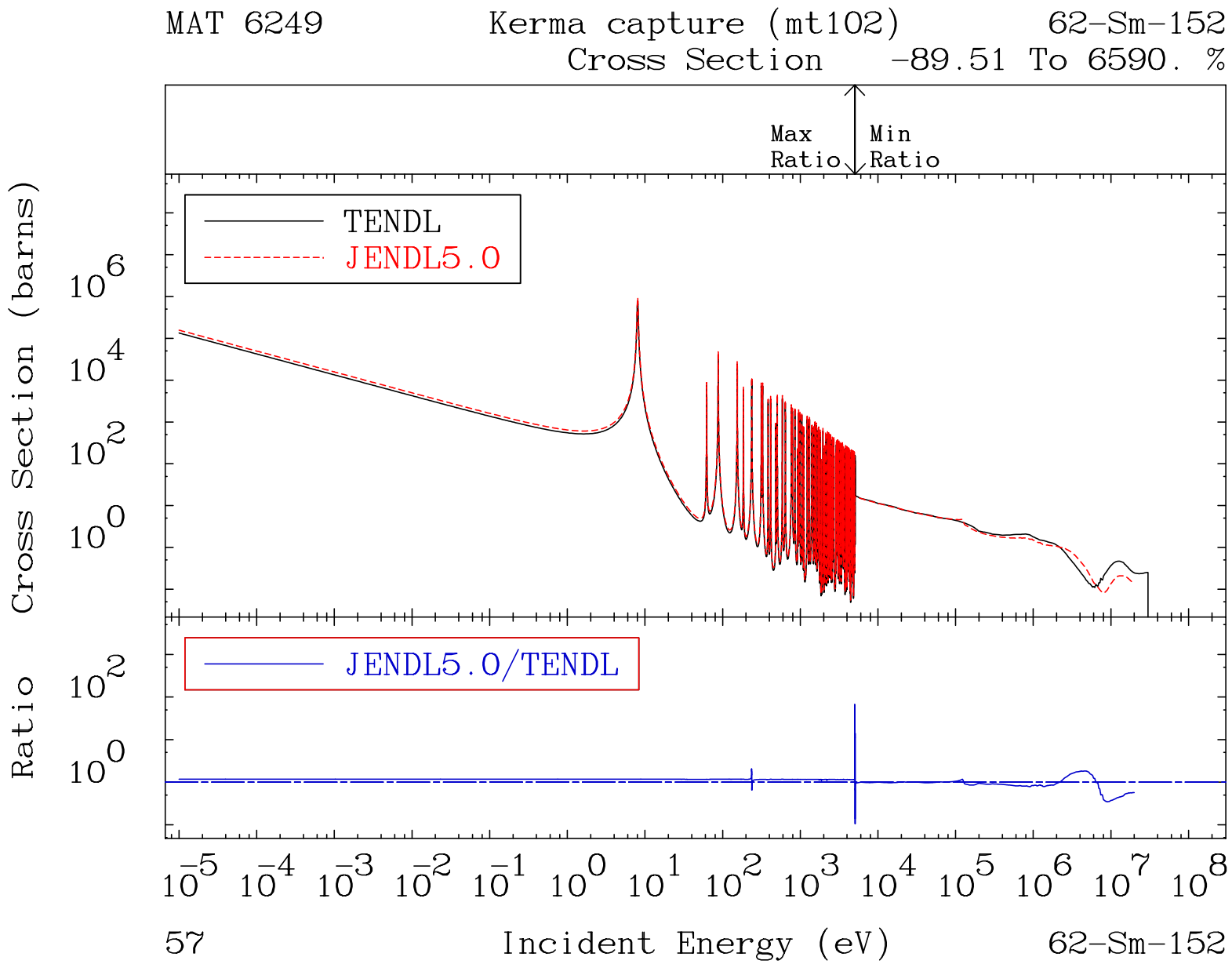

MAT 6249
Kerma total (eV-barns)
62-Sm-152
Cross Section -89.55 To 4970. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
52
62-Sm-152

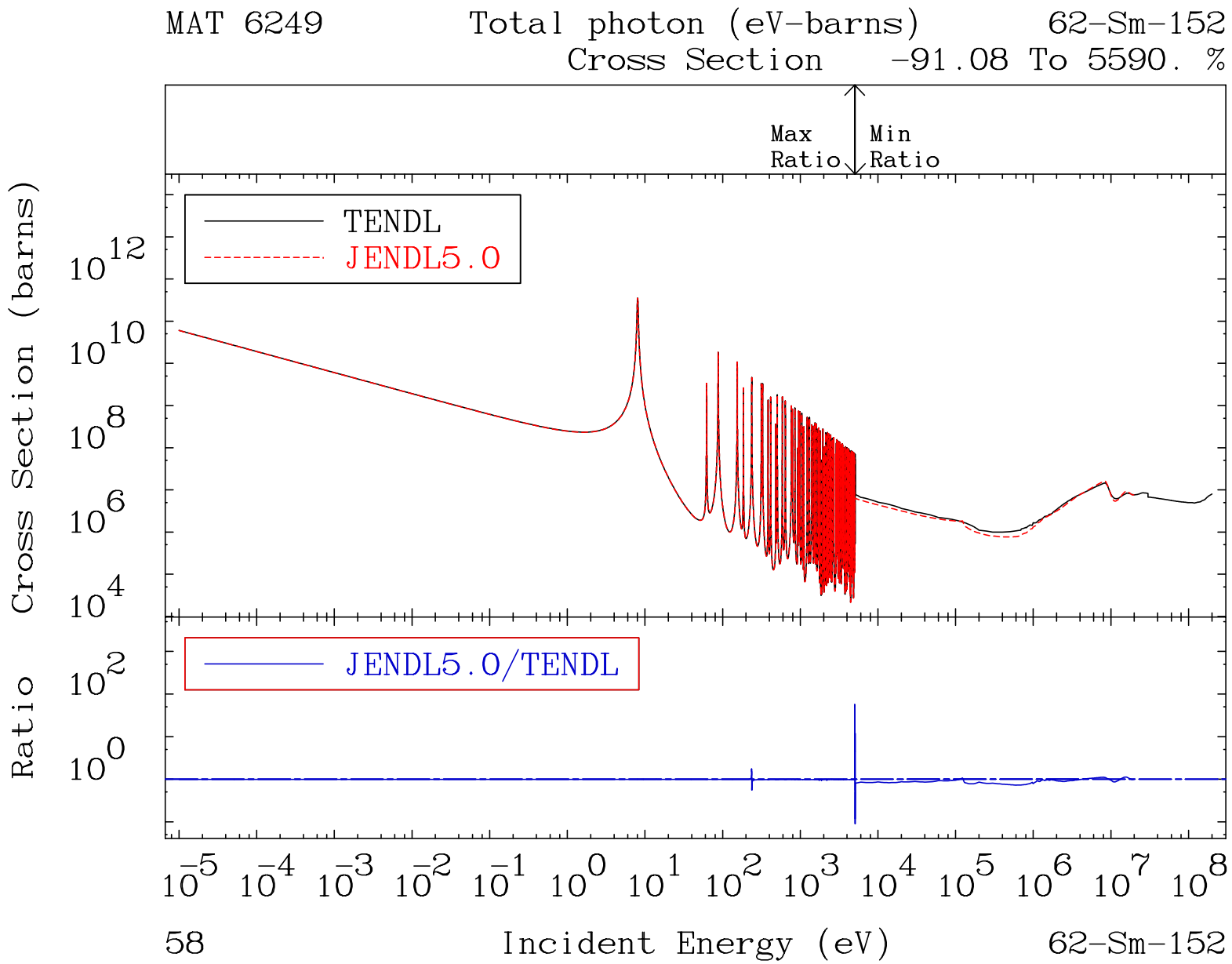

MAT 6249
Kerma elastic
Cross Section
62-Sm-152
-89.57 To 5573. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
53
62-Sm-152

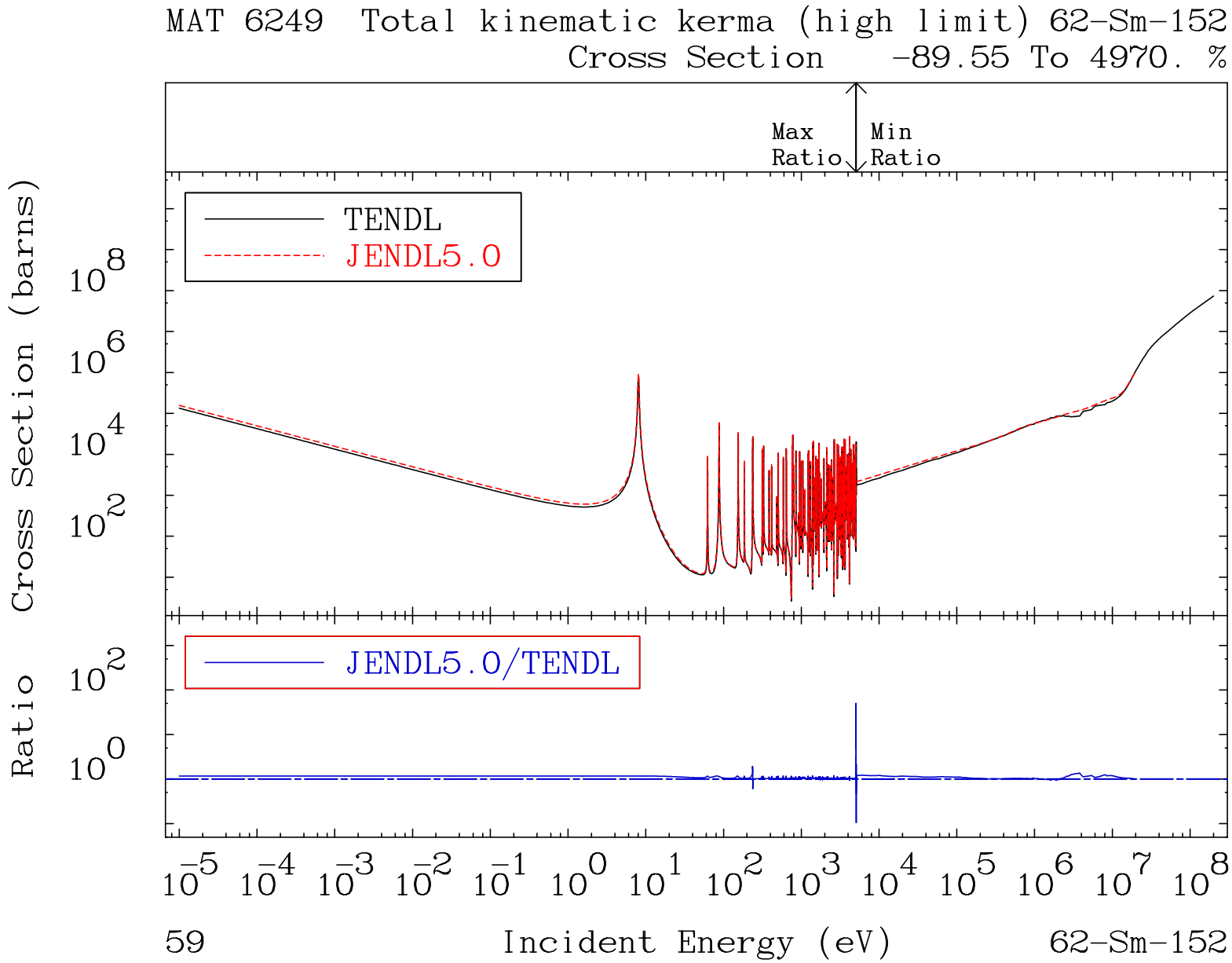

MAT 6249 Kerma non-elastic (all but mt2) 62-Sm-152
Cross Section -89.51 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
54
62-Sm-152

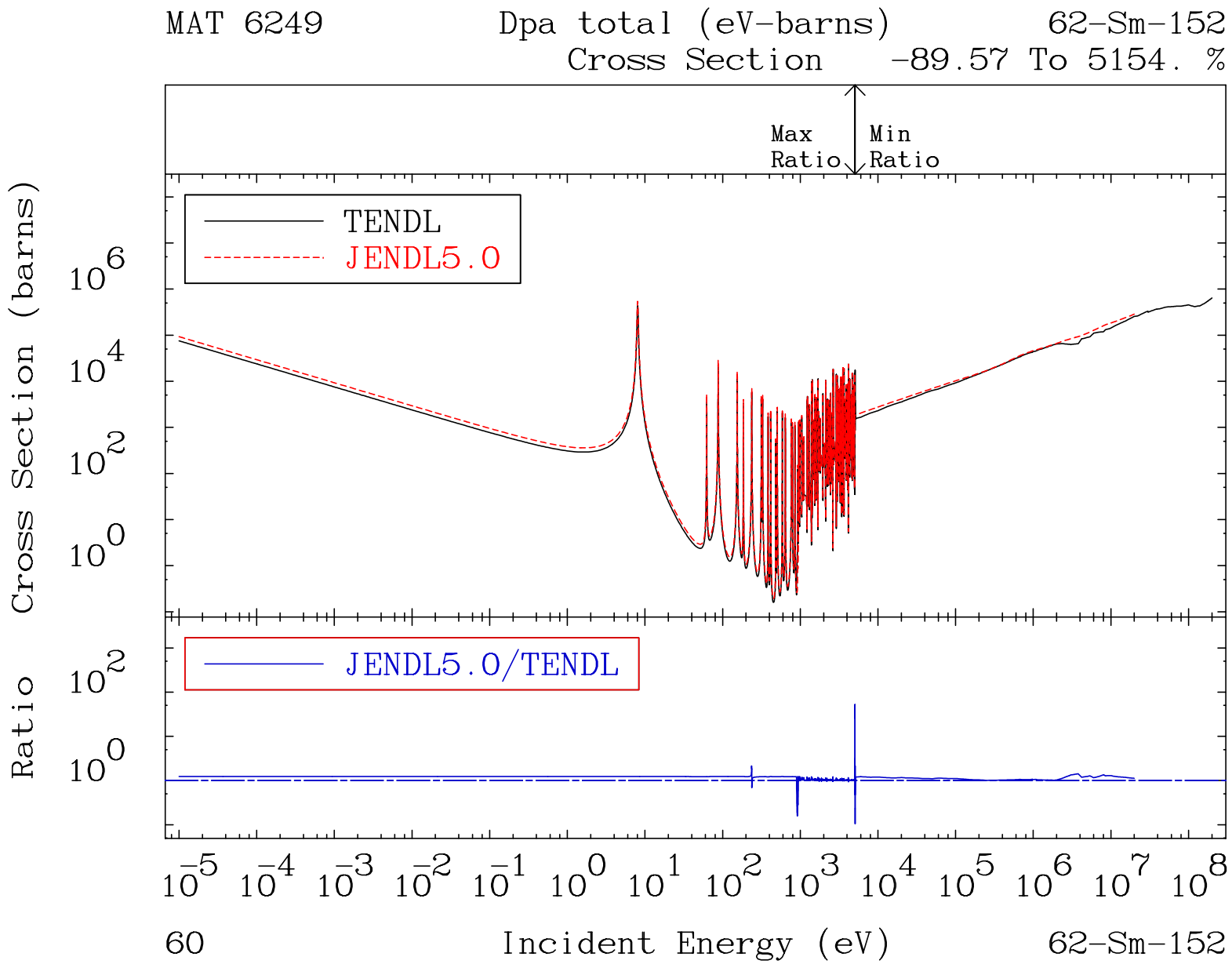

MAT 6249
Kerma inelastic (mt51-91)
62-Sm-152
Cross Section -56.24 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 122.59 keV
JENDL5.0 Threshold 105.00 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
55
62-Sm-152

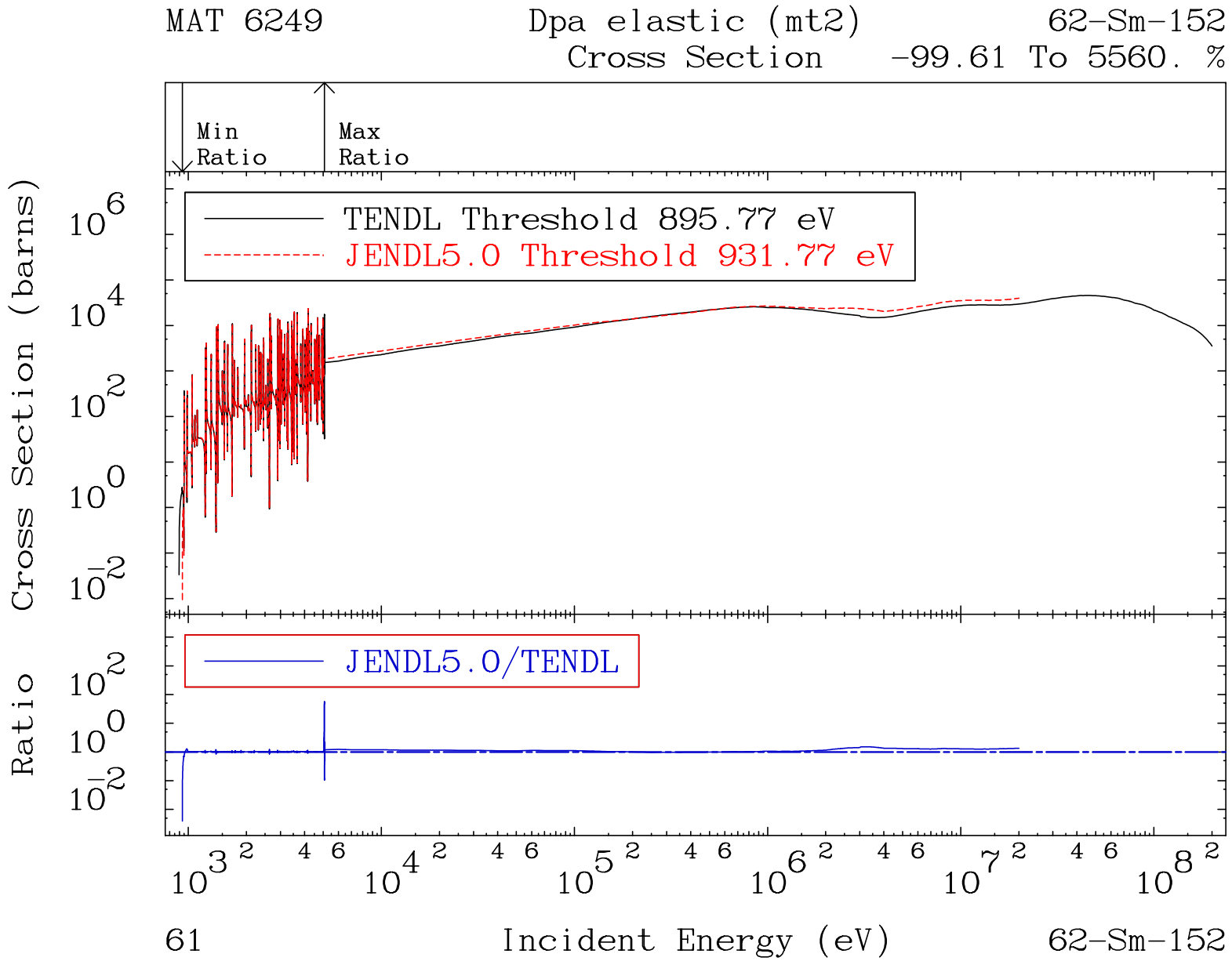

MAT 6249 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-152
Cross Section -56.24 To 9999. %
Max
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
$10^{10}$
$10^{5}$
$10^{0}$
$10^{-5}$ $10^{-4}$ $10^{-3}$ $10^{-2}$ $10^{-1}$ $10^{0}$ $10^{1}$ $10^{2}$ $10^{3}$ $10^{4}$ $10^{5}$ $10^{6}$ $10^{7}$ $10^{8}$
56
Incident Energy (eV)
62-Sm-152

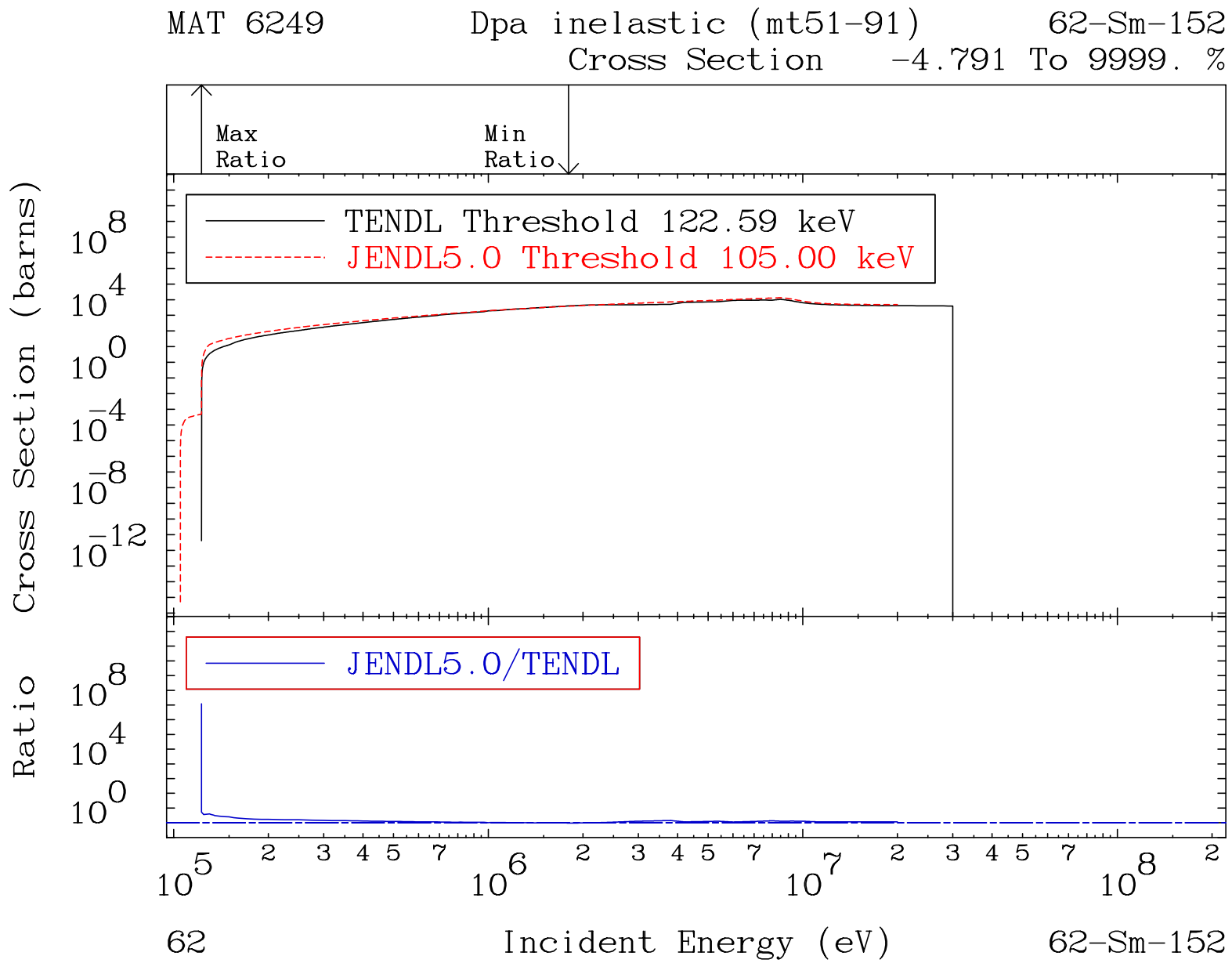

MAT 6249
Kerma capture (mt102)
62-Sm-152
Cross Section
-89.51 To 6590. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
Ratio
JENDL5.0/TENDL
Incident Energy (eV)
57
62-Sm-152

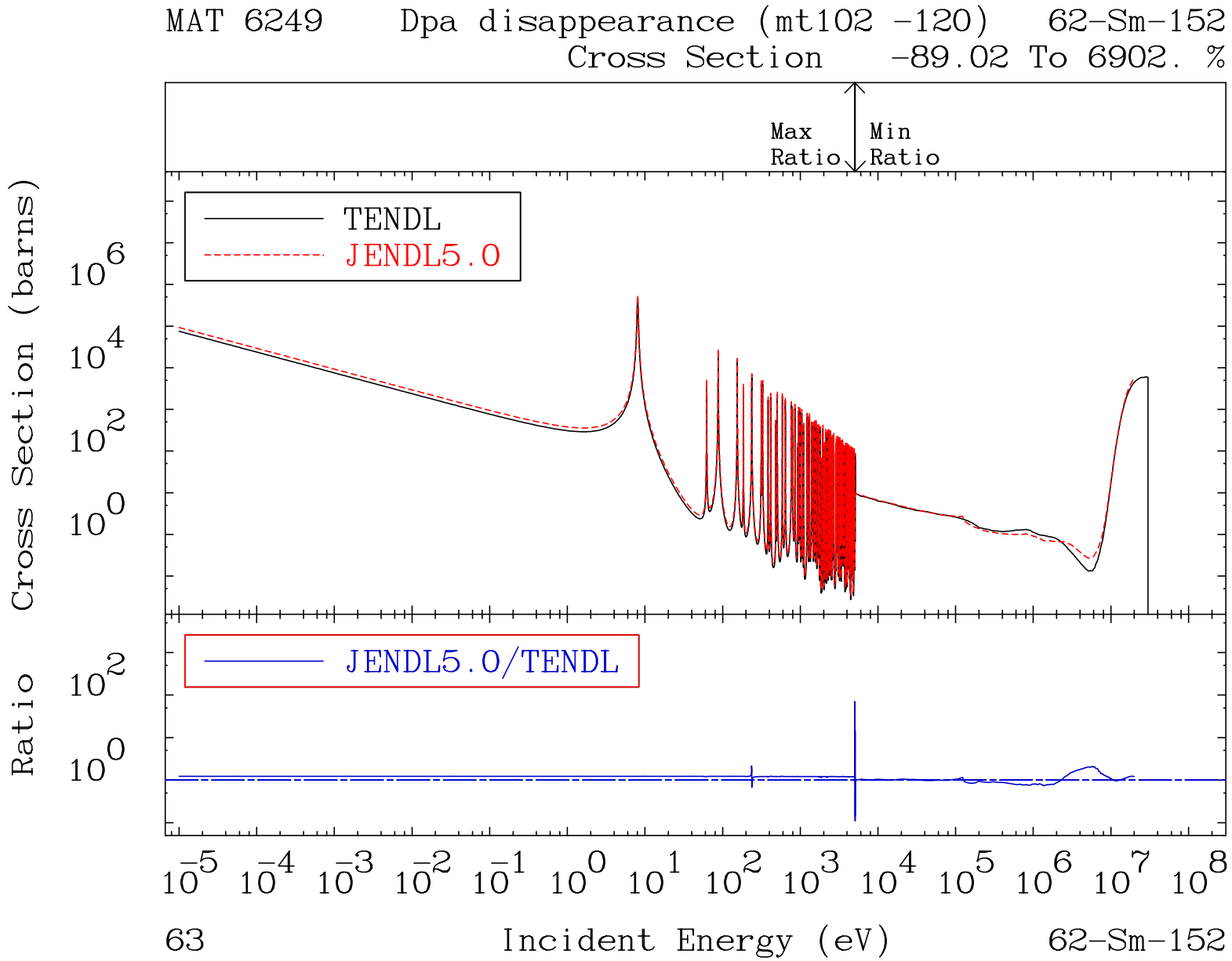

MAT 6249
Total photon (eV-barns)
62-Sm-152
Cross Section -91.08 To 5590. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
58
62-Sm-152


MAT 6249 Total kinematic kerma (high limit) 62-Sm-152
Cross Section -89.55 To 4970. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
Ratio
JENDL5.0/TENDL
Incident Energy (eV)
59
62-Sm-152


MAT 6249
Dpa total (eV-barns)
62-Sm-152
Cross Section -89.57 To 5154. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
60
62-Sm-152


MAT 6249
Dpa elastic (mt2)
Cross Section
62-Sm-152
-99.61 To 5560. %
Min Ratio
Max Ratio
TENDL Threshold 895.77 eV
JENDL5.0 Threshold 931.77 eV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
61
62-Sm-152


MAT 6249
Dpa inelastic (mt51-91)
62-Sm-152
Cross Section
-4.791 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 122.59 keV
JENDL5.0 Threshold 105.00 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
62
62-Sm-152


MAT 6249 Dpa disappearance (mt102 -120) 62-Sm-152
Cross Section -89.02 To 6902. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
63
62-Sm-152