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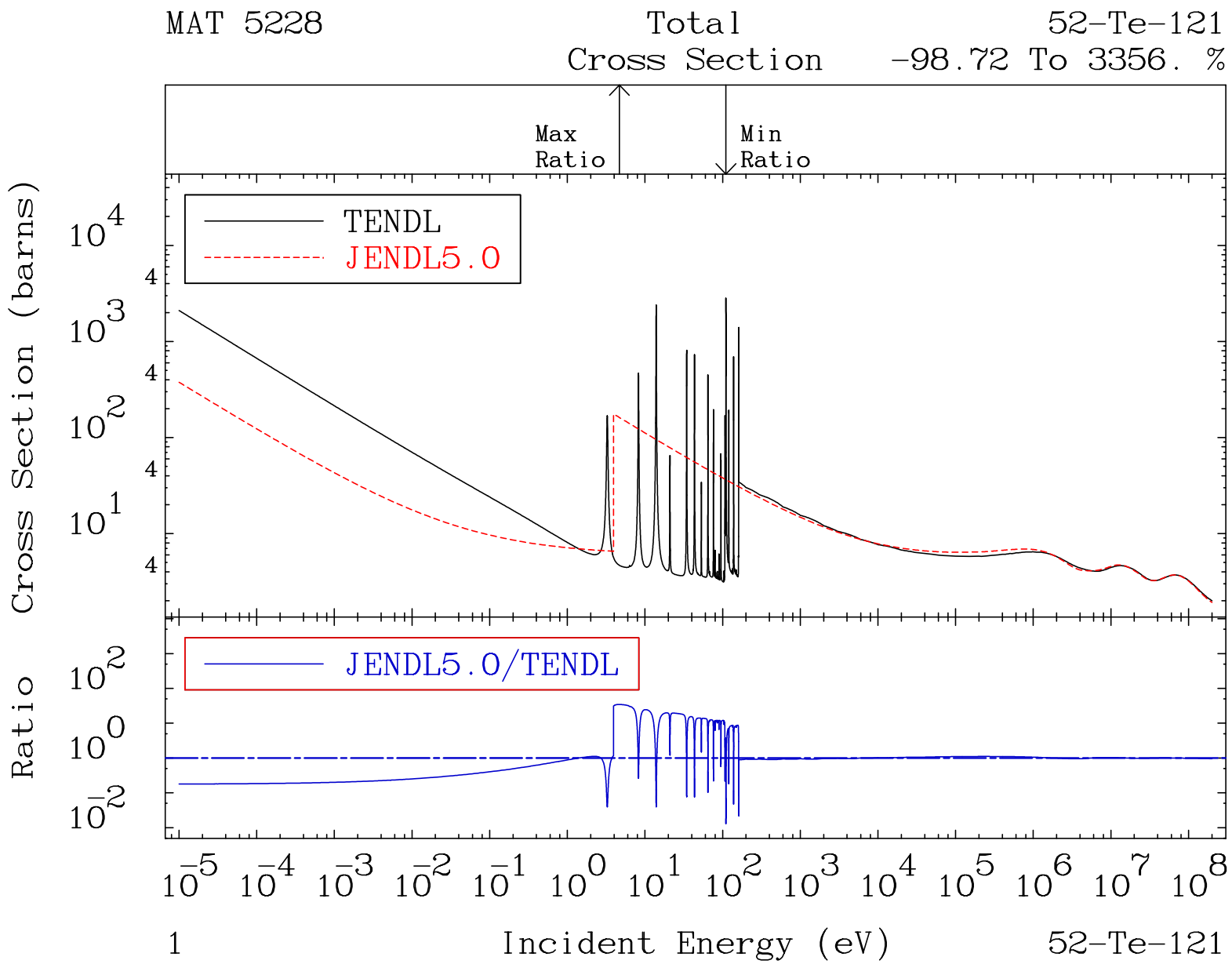
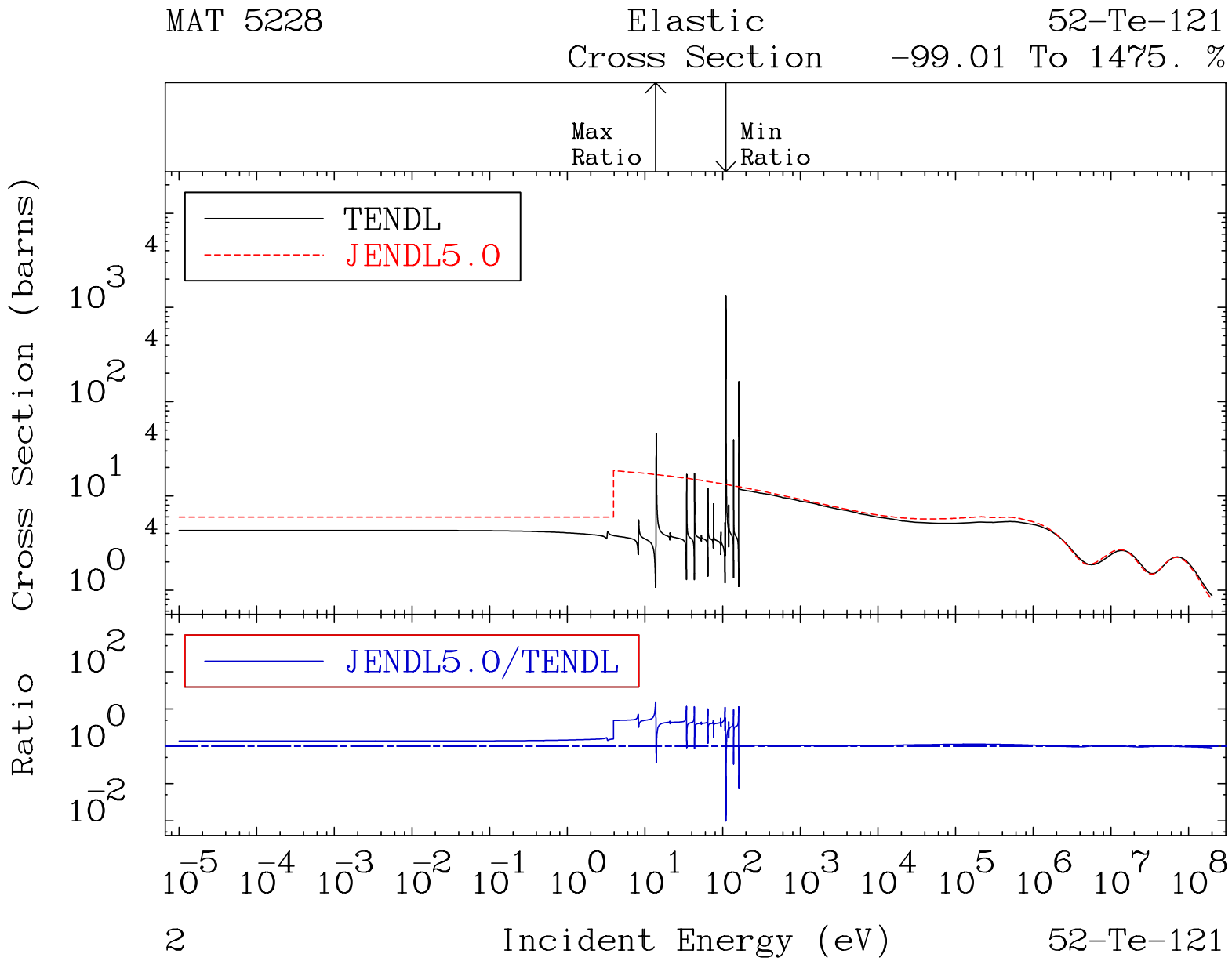
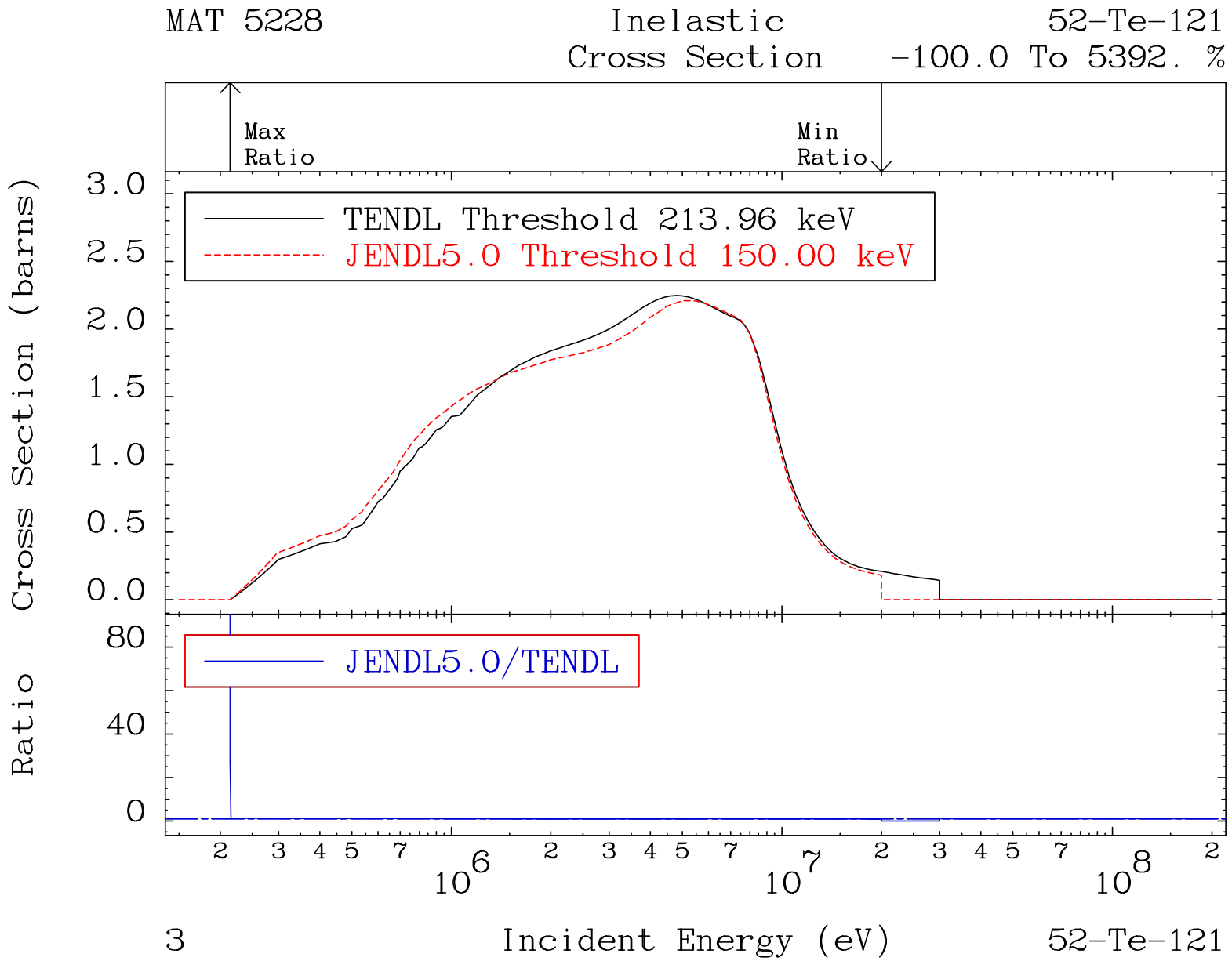
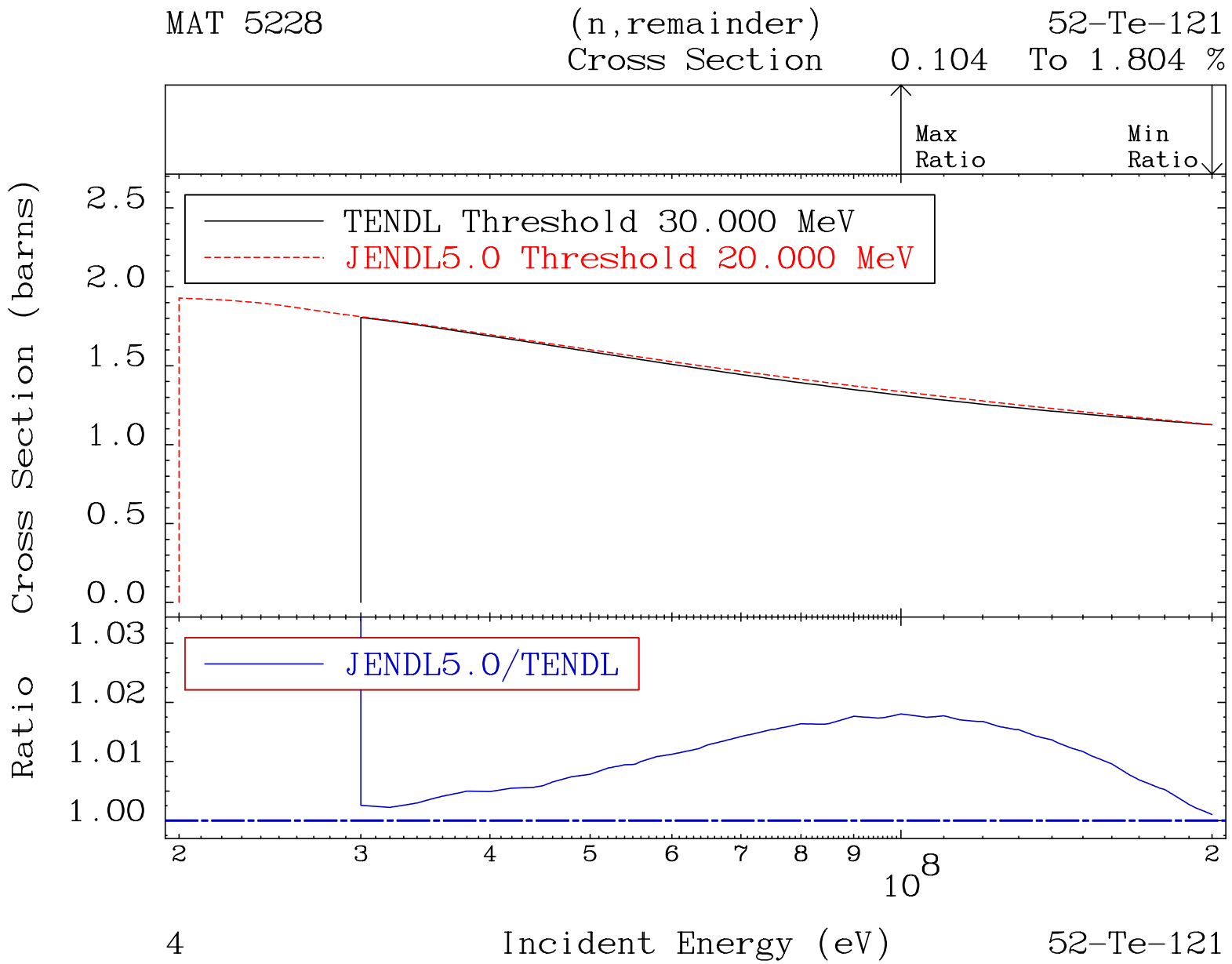
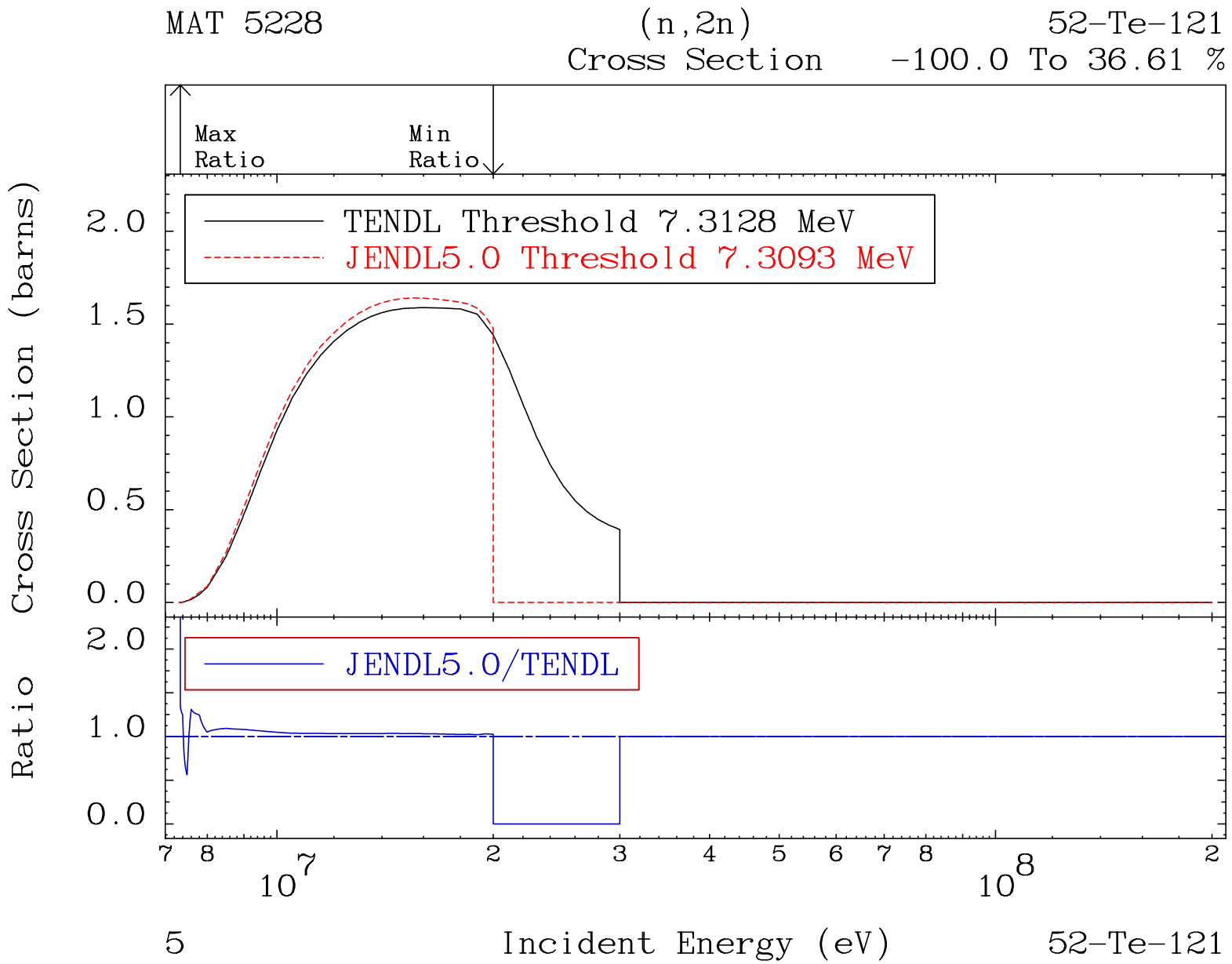
Press Mouse Button to Start

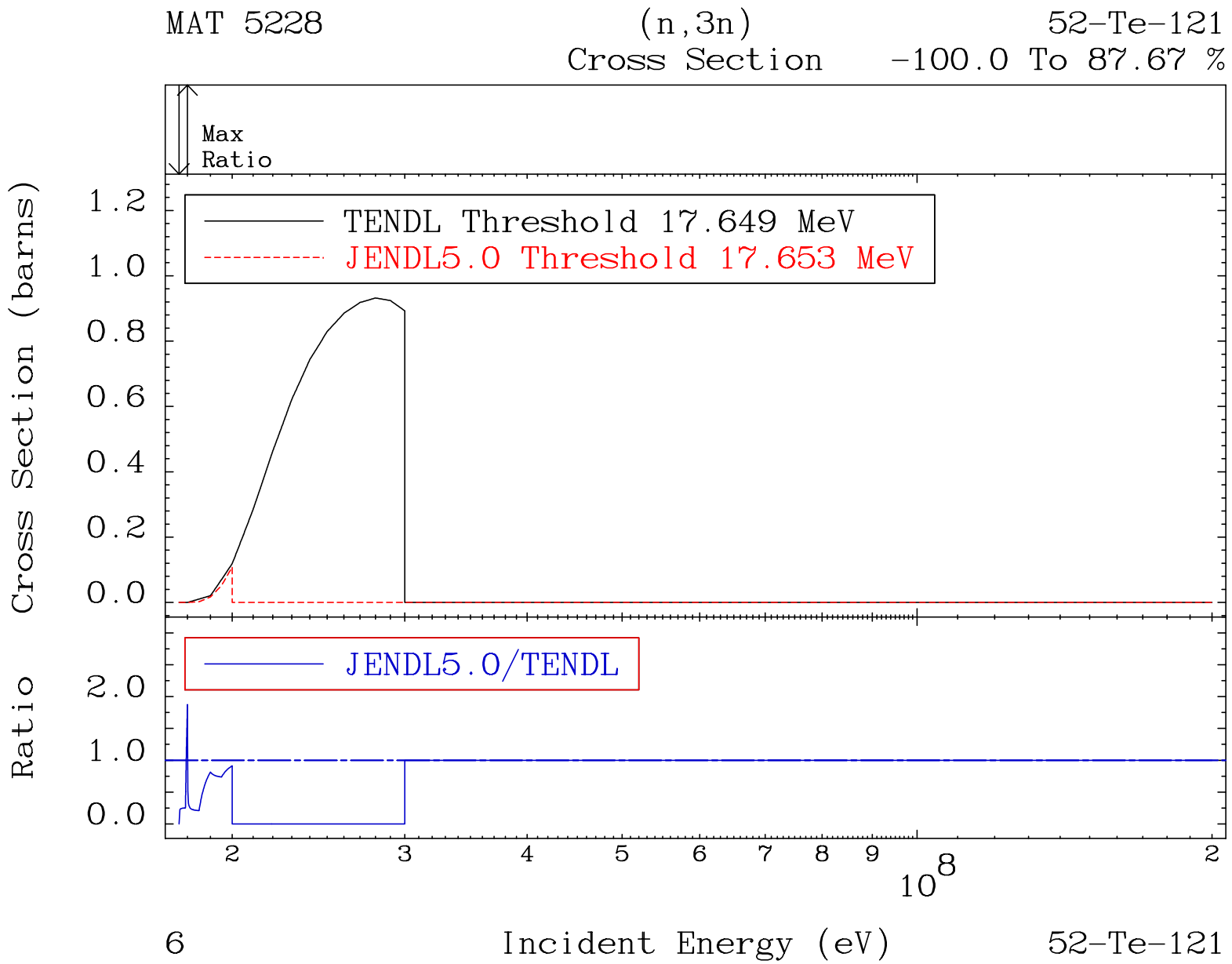

MAT 5228
Total
Cross Section
52-Te-121
-98.72 To 3356. %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
1
52-Te-121

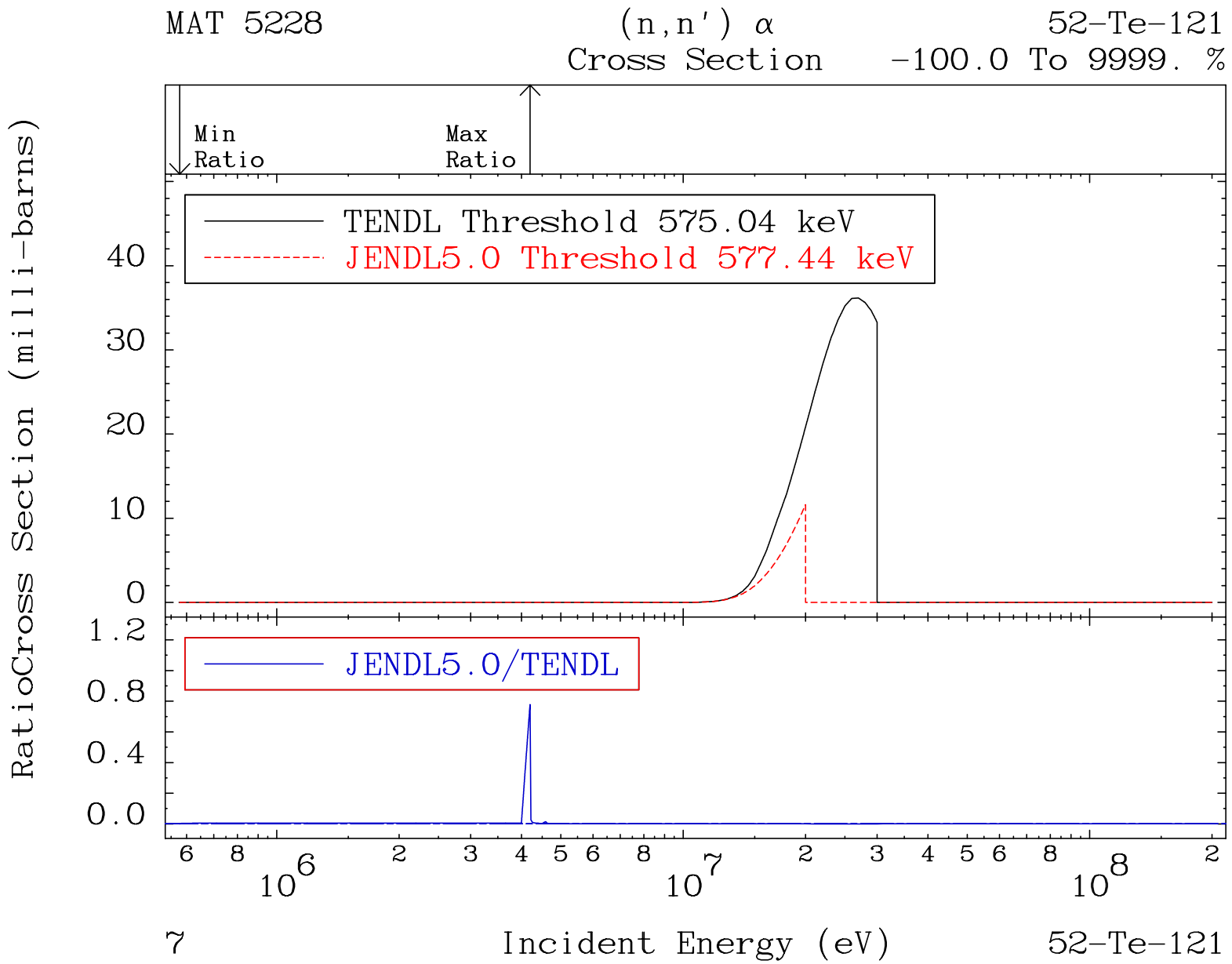

MAT 5228
Elastic
Cross Section
52-Te-121
-99.01 To 1475. %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
52-Te-121

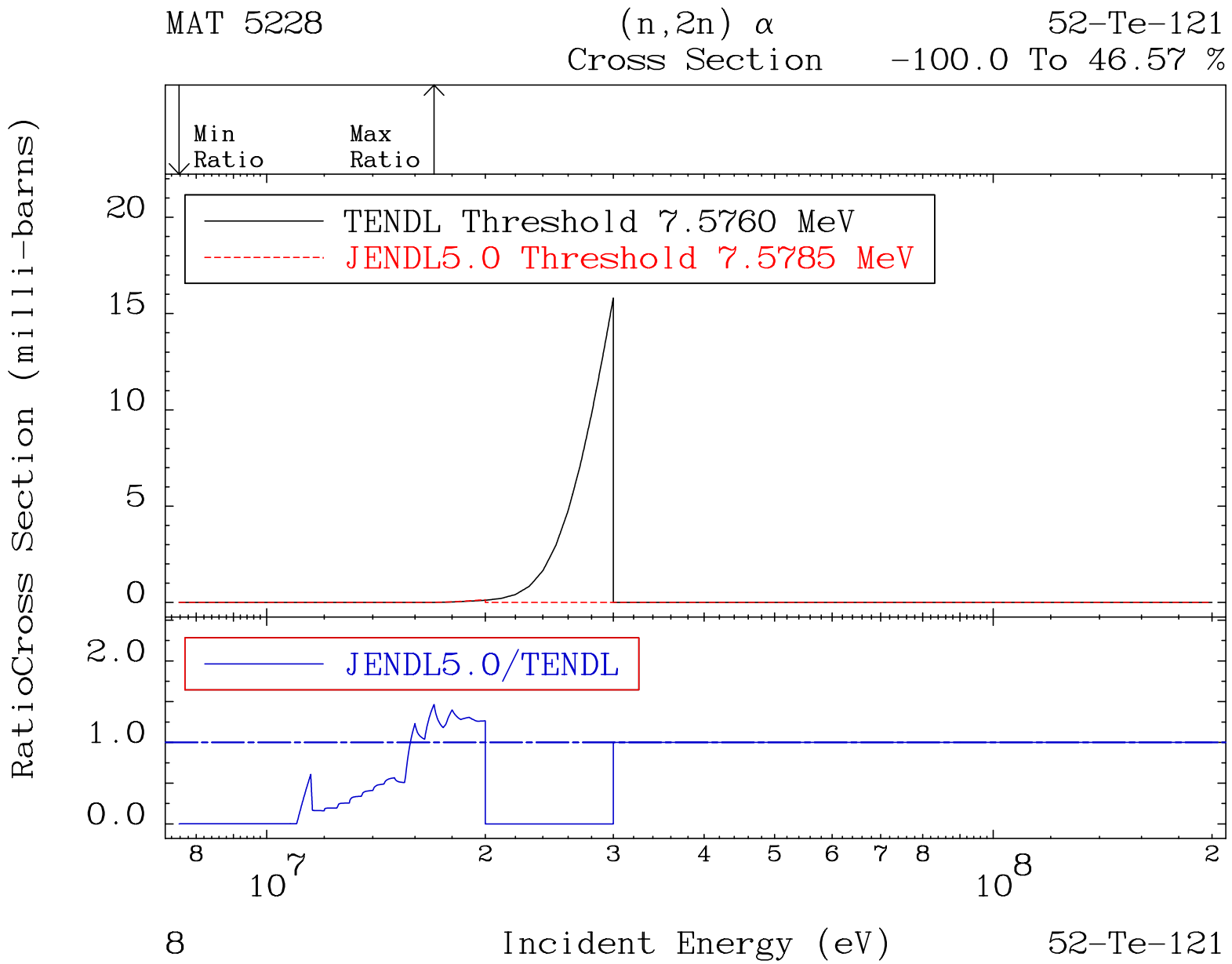

MAT 5228
Inelastic
Cross Section
52-Te-121
-100.0 To 5392. %
Max
Ratio
Min
Ratio
TENDL Threshold 213.96 keV
JENDL5.0 Threshold 150.00 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
3.0
2.5
2.0
1.5
1.0
0.5
0.0
80
40
0
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
3
Incident Energy (eV)
52-Te-121

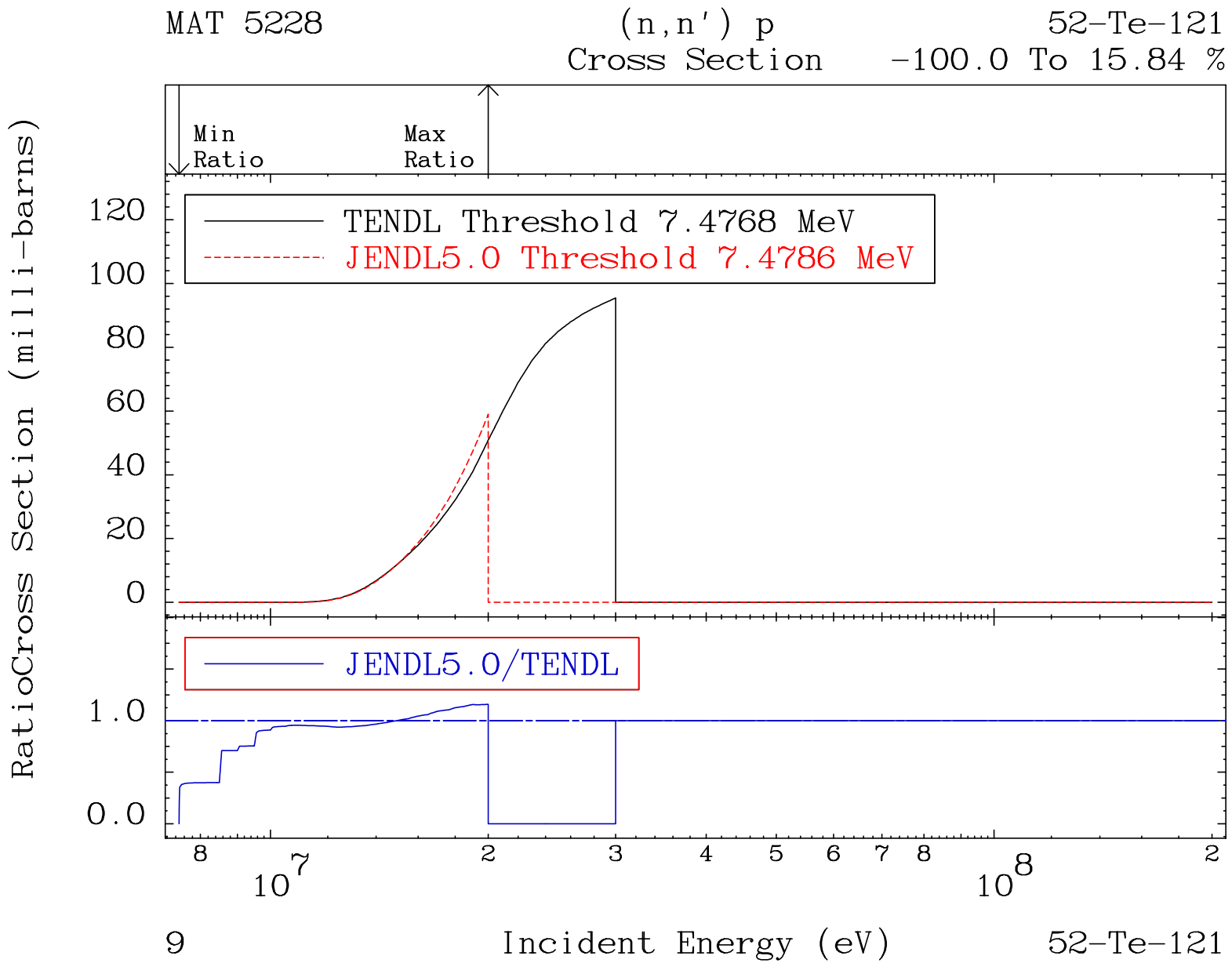

MAT 5228
(n,remainder)
Cross Section
52-Te-121
0.104 To 1.804 %
Max Ratio
Min Ratio
TENDL Threshold 30.000 MeV
JENDL5.0 Threshold 20.000 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
2.5
2.0
1.5
1.0
0.5
0.0
1.03
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
52-Te-121

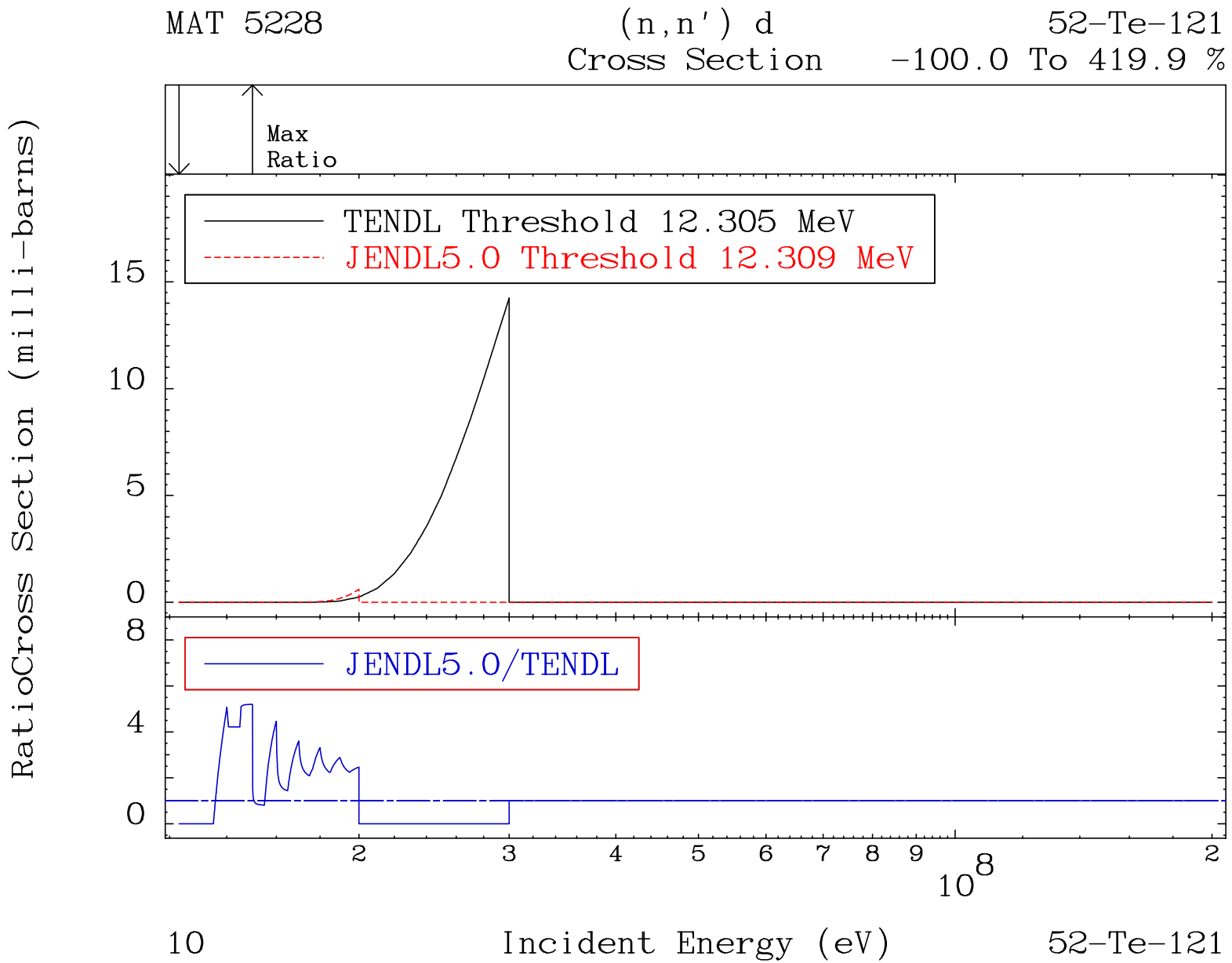

MAT 5228
(n,2n)
Cross Section
52-Te-121
-100.0 To 36.61 %
Max Ratio
Min Ratio
TENDL Threshold 7.3128 MeV
JENDL5.0 Threshold 7.3093 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
Incident Energy (eV)
5
52-Te-121

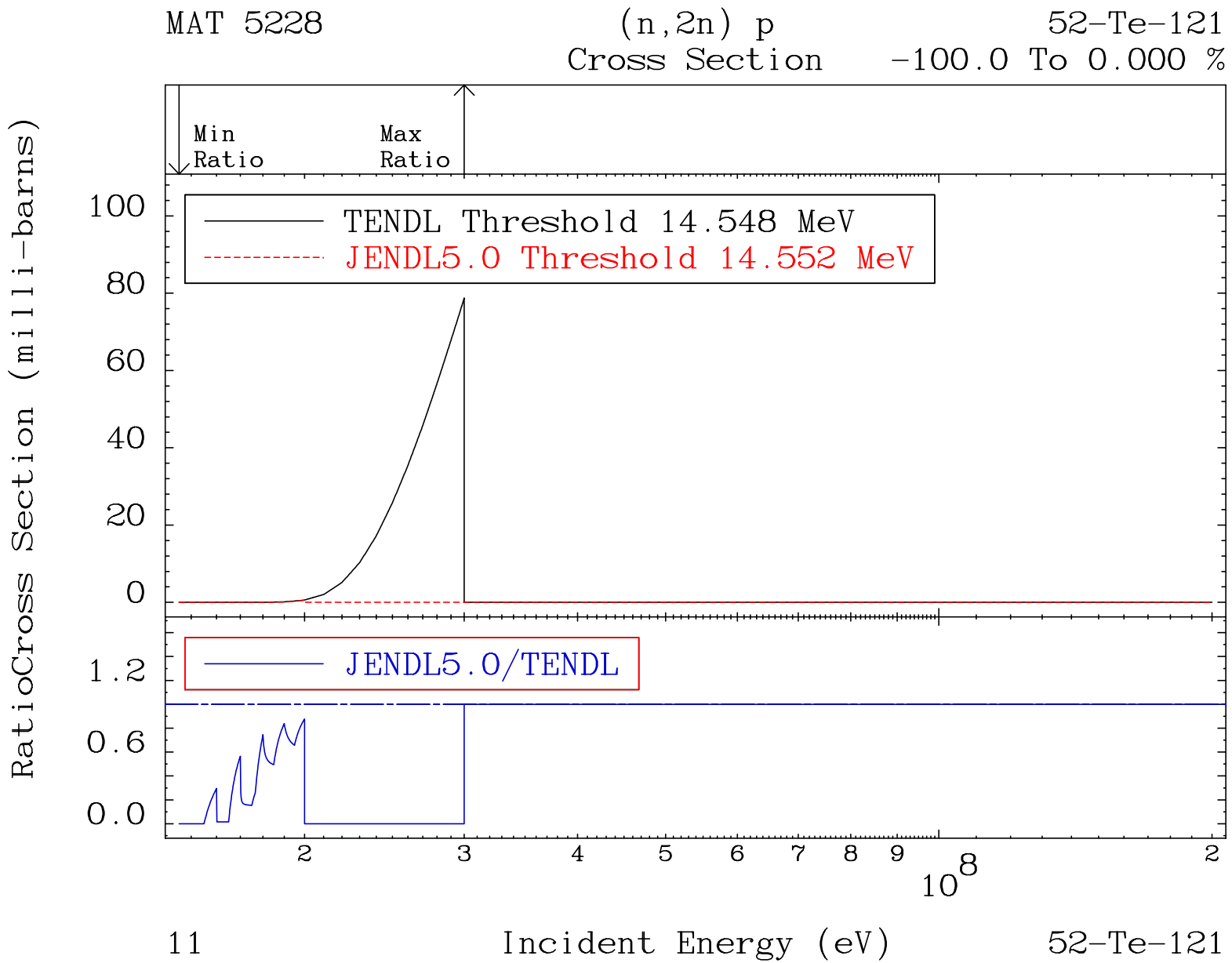

MAT 5228
(n,3n)
Cross Section
52-Te-121
-100.0 To 87.67 %
Max
Ratio
TENDL Threshold 17.649 MeV
JENDL5.0 Threshold 17.653 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2.0
1.0
0.0
2
3
4
5
6
7
8
9
2
10^8
Incident Energy (eV)
6
52-Te-121

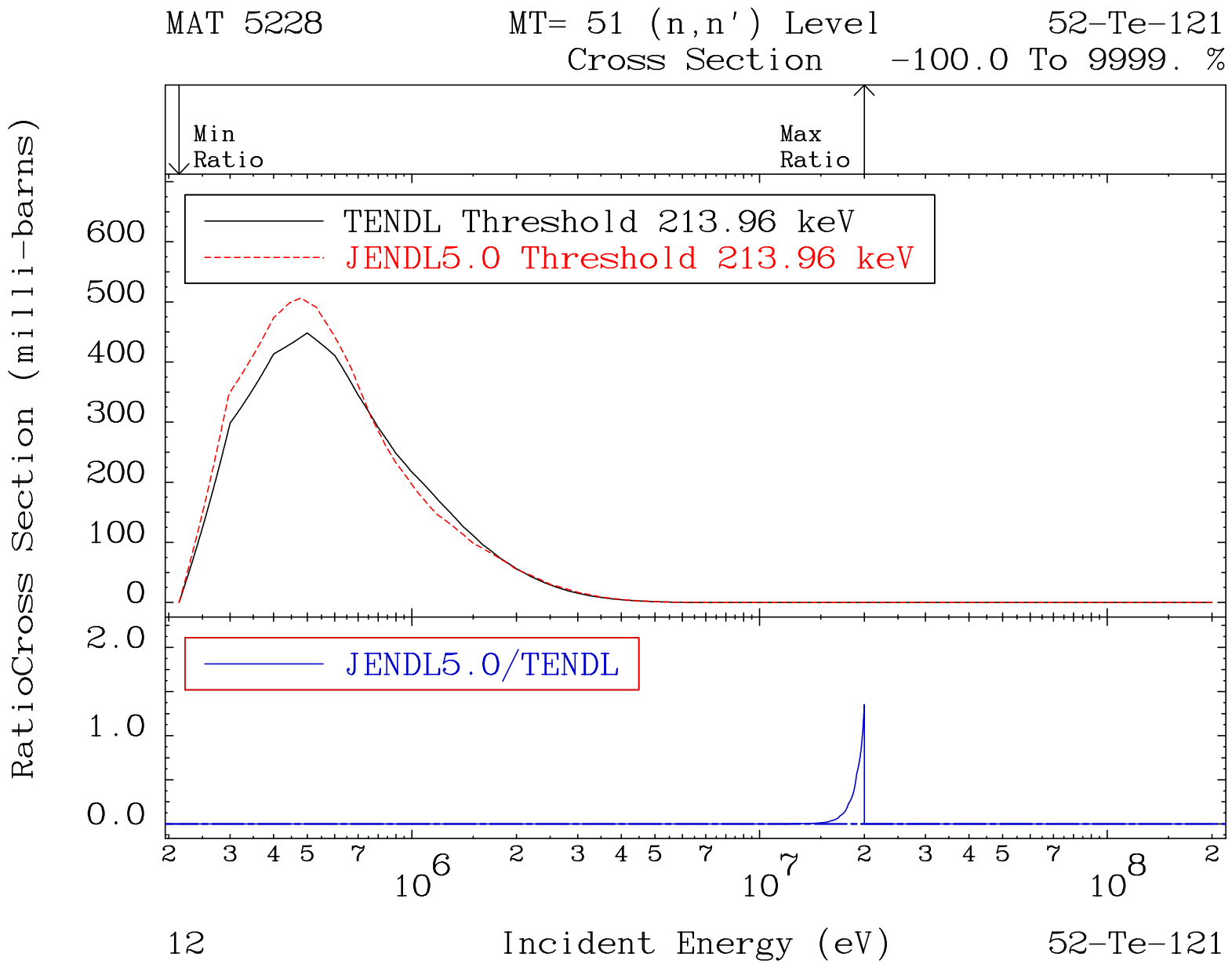

MAT 5228
(n,n') α
Cross Section
52-Te-121
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 575.04 keV
JENDL5.0 Threshold 577.44 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
52-Te-121
7

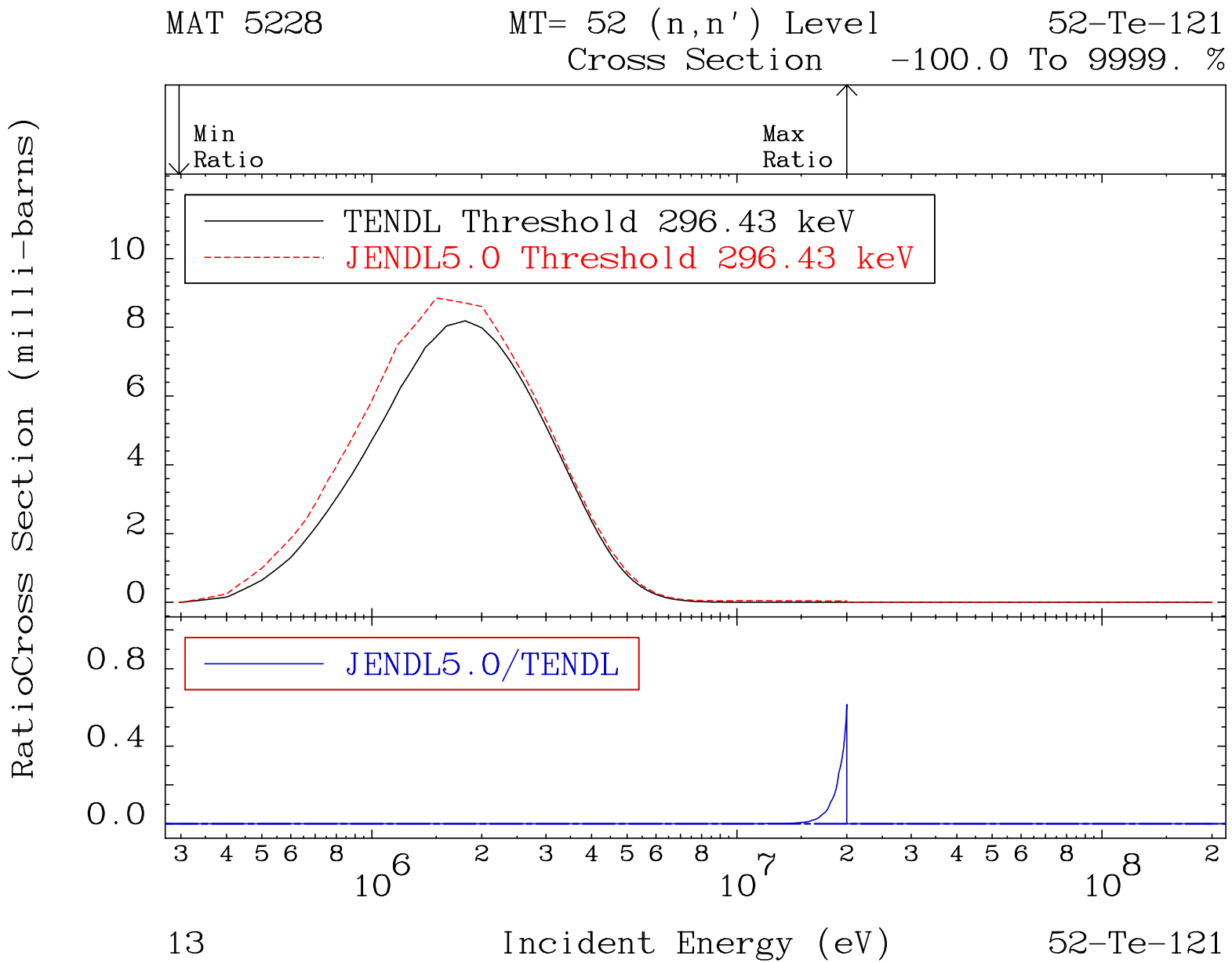

MAT 5228
(n,2n) α
Cross Section
52-Te-121
-100.0 To 46.57 %
Min Ratio
Max Ratio
TENDL Threshold 7.5760 MeV
JENDL5.0 Threshold 7.5785 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
20
15
10
5
0
2.0
1.0
0.0
8
10^7
2
3
4
5
6
7
8
10^8
2
8
Incident Energy (eV)
52-Te-121

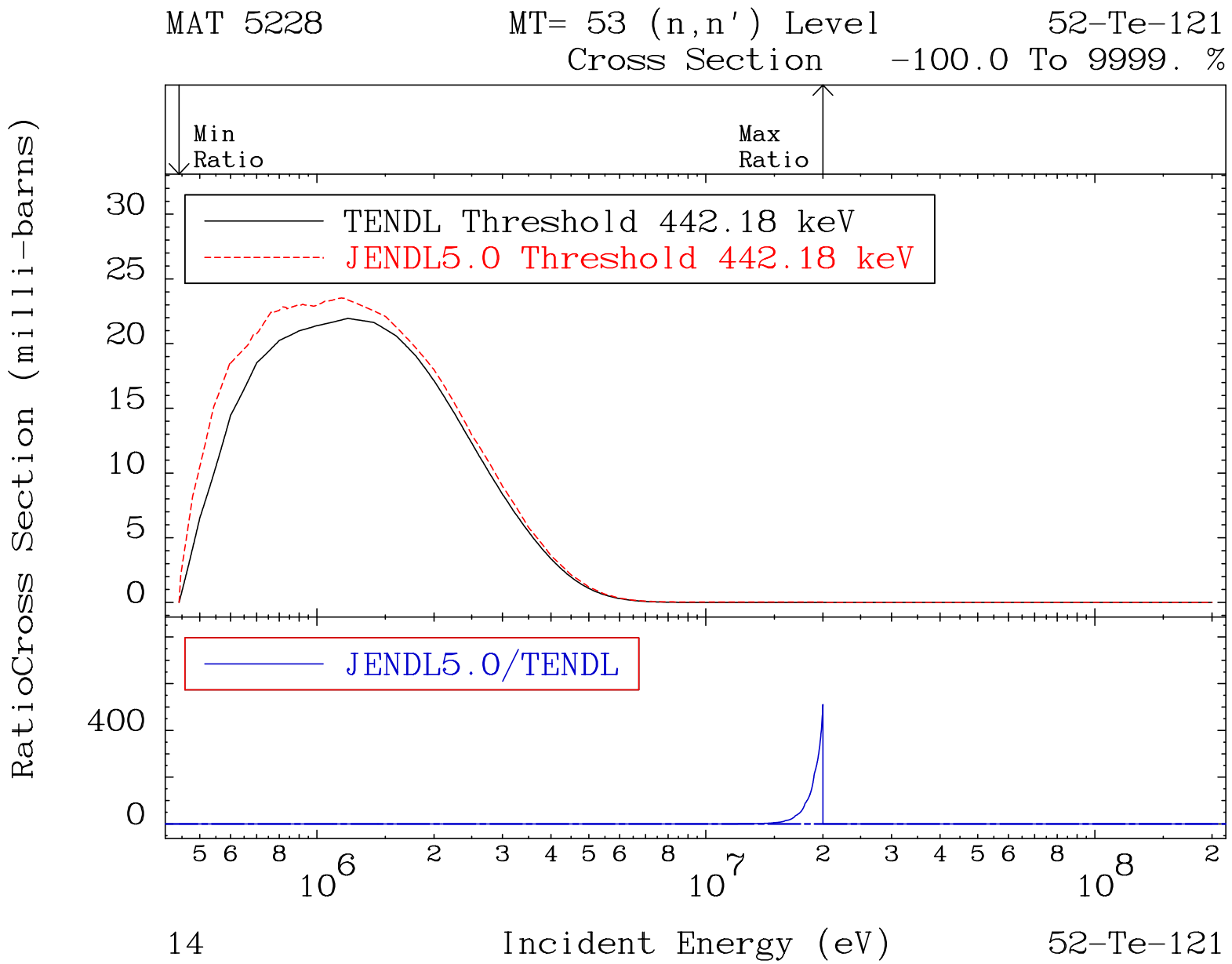

MAT 5228
(n,n') p
Cross Section
52-Te-121
-100.0 To 15.84 %
Min Ratio
Max Ratio
TENDL Threshold 7.4768 MeV
JENDL5.0 Threshold 7.4786 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
1.0
0.0
8
10^7
2
3
4
5
6
7
8
10^8
2
9
Incident Energy (eV)
52-Te-121

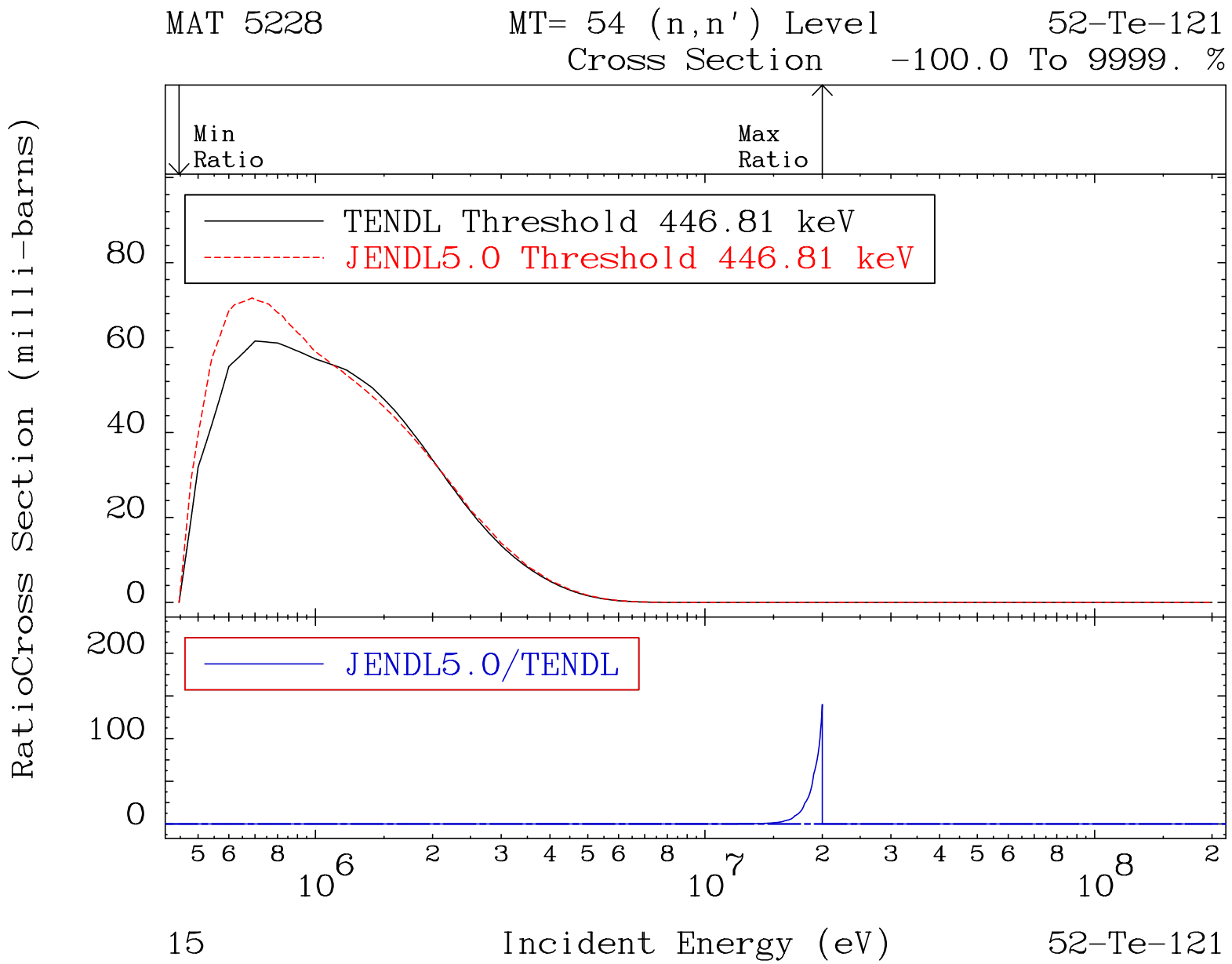

MAT 5228
(n,n') d
Cross Section
52-Te-121
-100.0 To 419.9 %
Max
Ratio
TENDL Threshold 12.305 MeV
JENDL5.0 Threshold 12.309 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
15
10
5
0
8
4
0
2
3
4
5
6
7
8
9
10^8
2
10
Incident Energy (eV)
52-Te-121

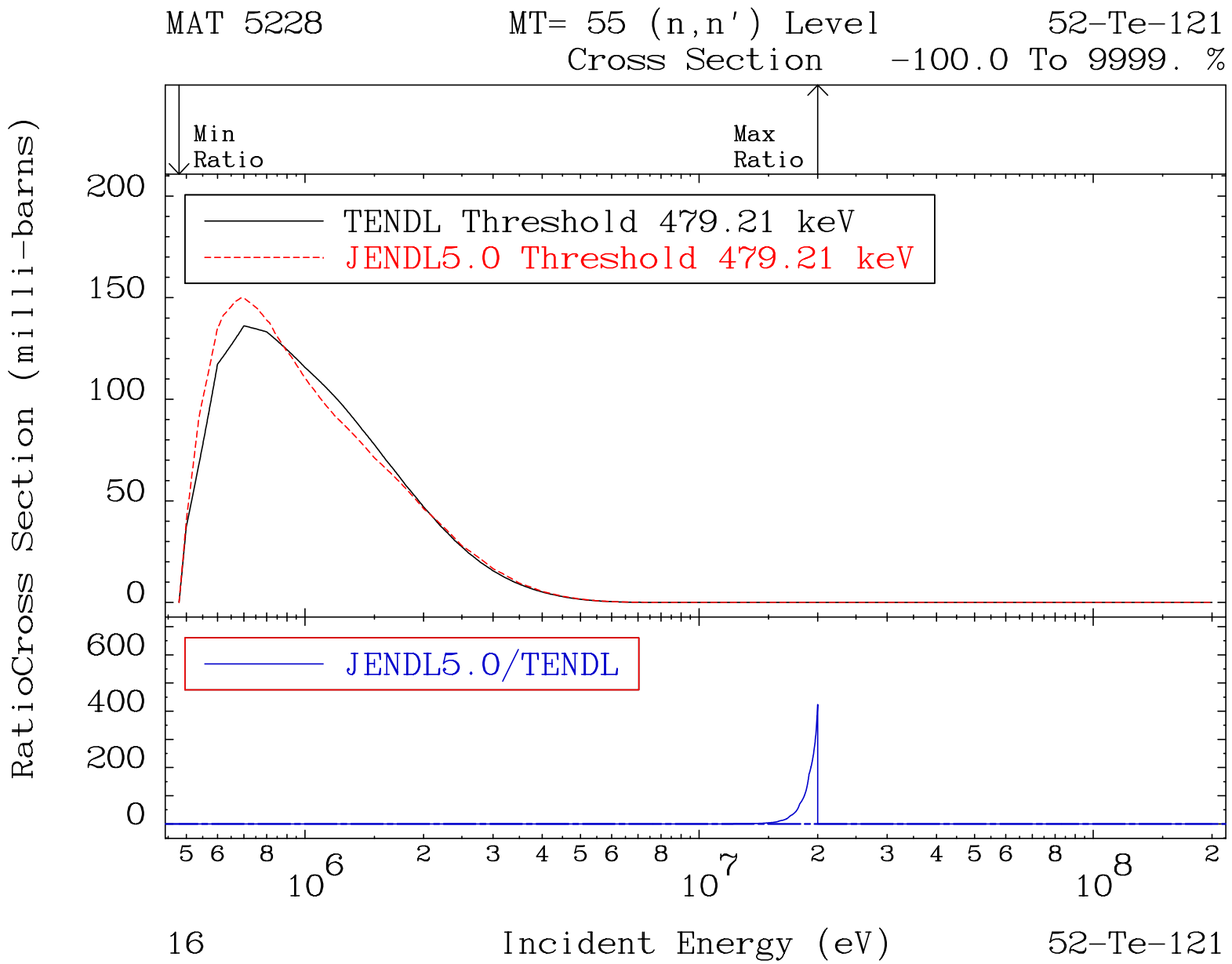

MAT 5228
(n,2n) p
Cross Section
52-Te-121
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 14.548 MeV
JENDL5.0 Threshold 14.552 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
1.2
0.6
0.0
2
3
4
5
6
7
8
9
2
10^8
11
Incident Energy (eV)
52-Te-121

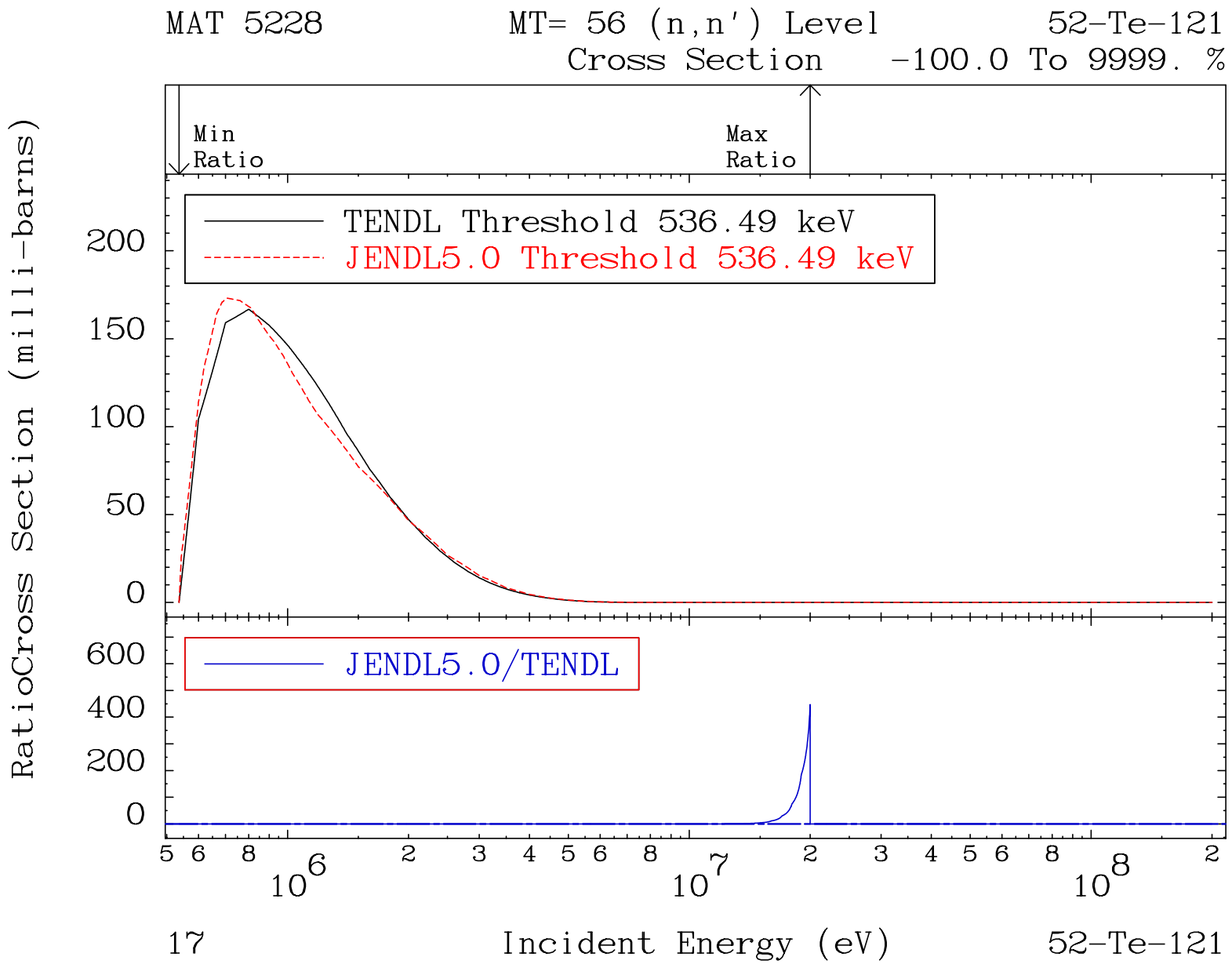

MAT 5228
MT= 51 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 213.96 keV
JENDL5.0 Threshold 213.96 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
600
500
400
300
200
100
0
2.0
1.0
0.0
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
12
Incident Energy (eV)
52-Te-121

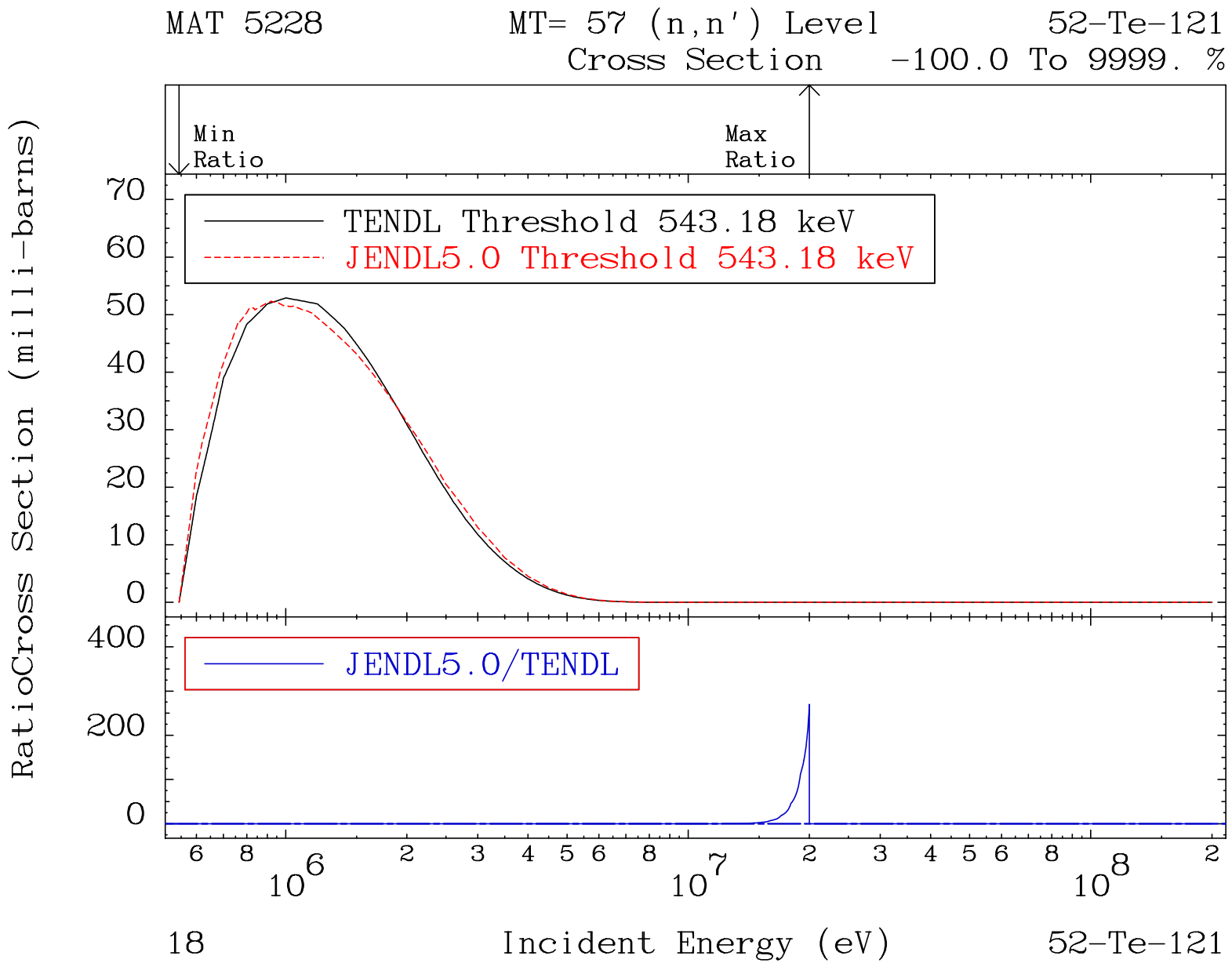

MAT 5228
MT= 52 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 296.43 keV
JENDL5.0 Threshold 296.43 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
10
8
6
4
2
0
0.8
0.4
0.0
3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
13
Incident Energy (eV)
52-Te-121

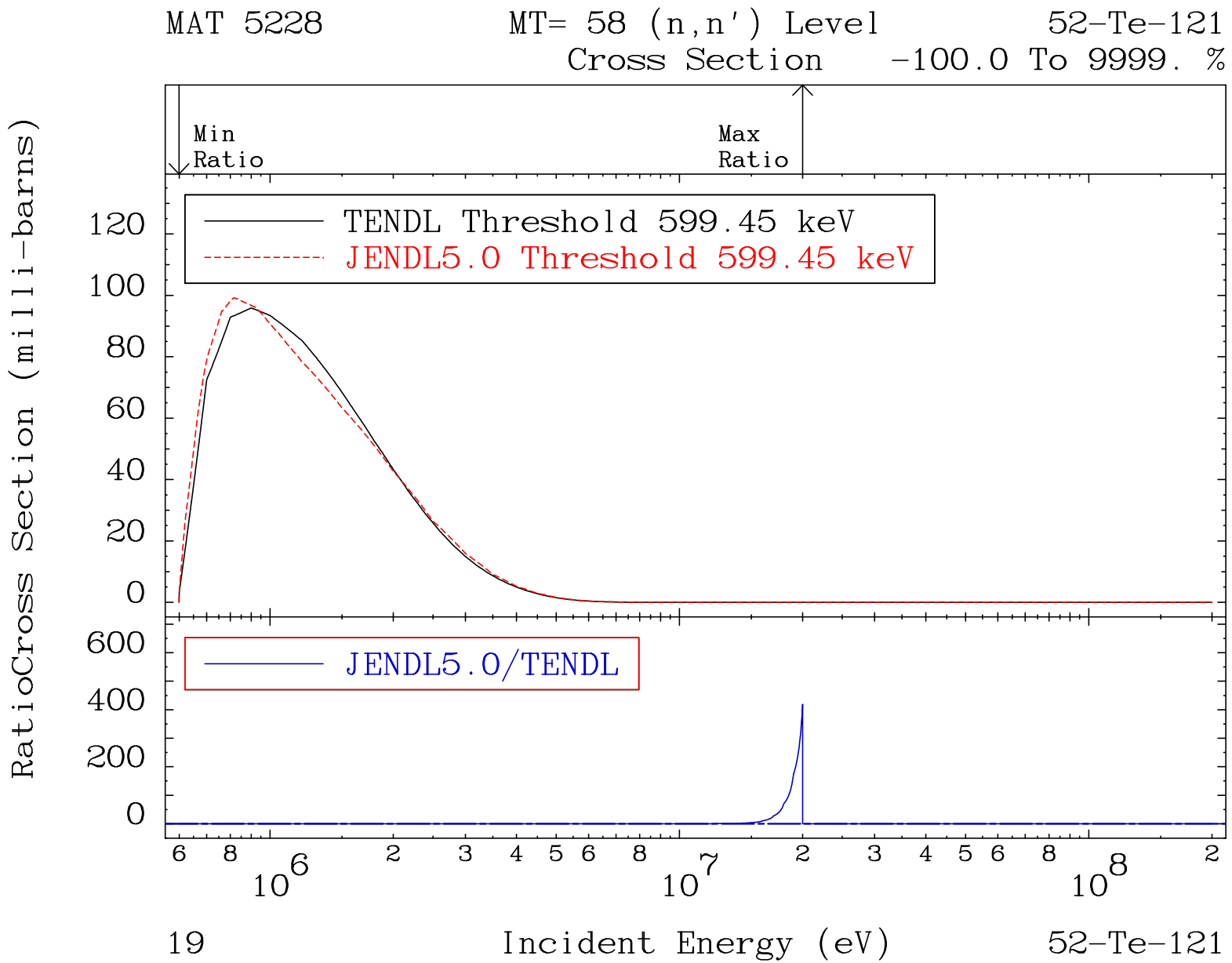

MAT 5228
MT= 53 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 442.18 keV
JENDL5.0 Threshold 442.18 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
400
0
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
14
Incident Energy (eV)
52-Te-121

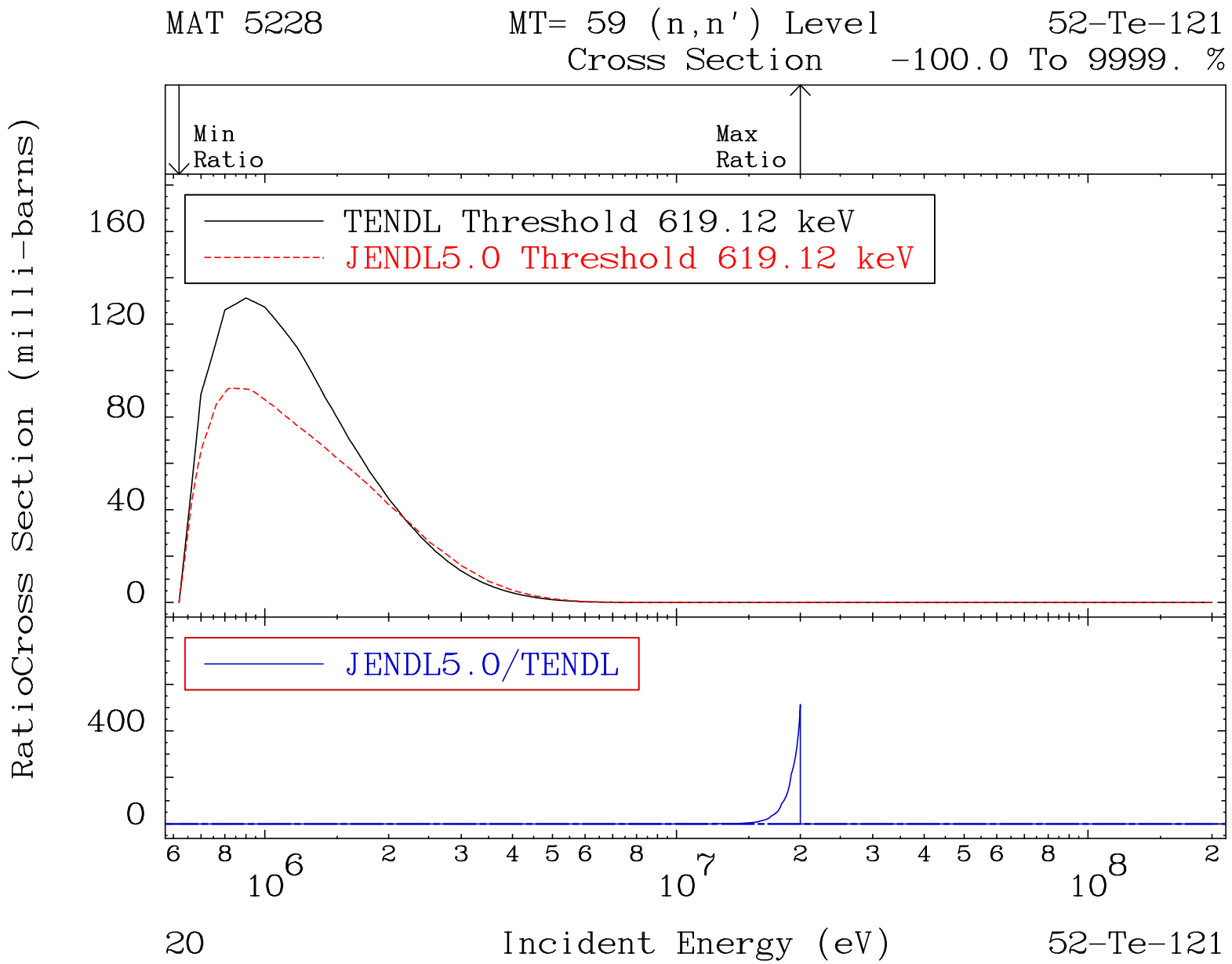

MAT 5228
MT= 54 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 446.81 keV
JENDL5.0 Threshold 446.81 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
200
100
0
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
15
Incident Energy (eV)
52-Te-121

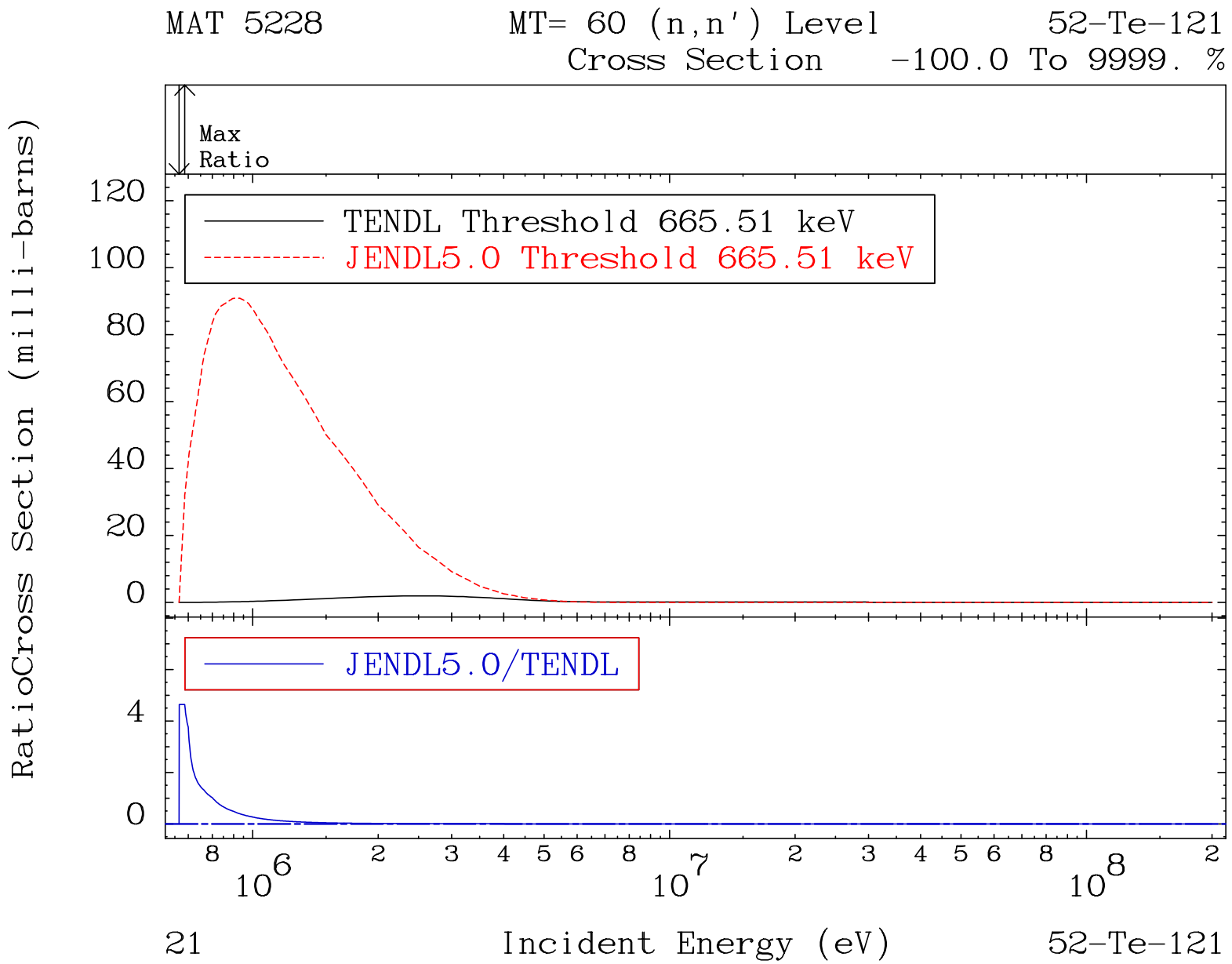

MAT 5228
MT= 55 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 479.21 keV
JENDL5.0 Threshold 479.21 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
600
400
200
0
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
16
Incident Energy (eV)
52-Te-121

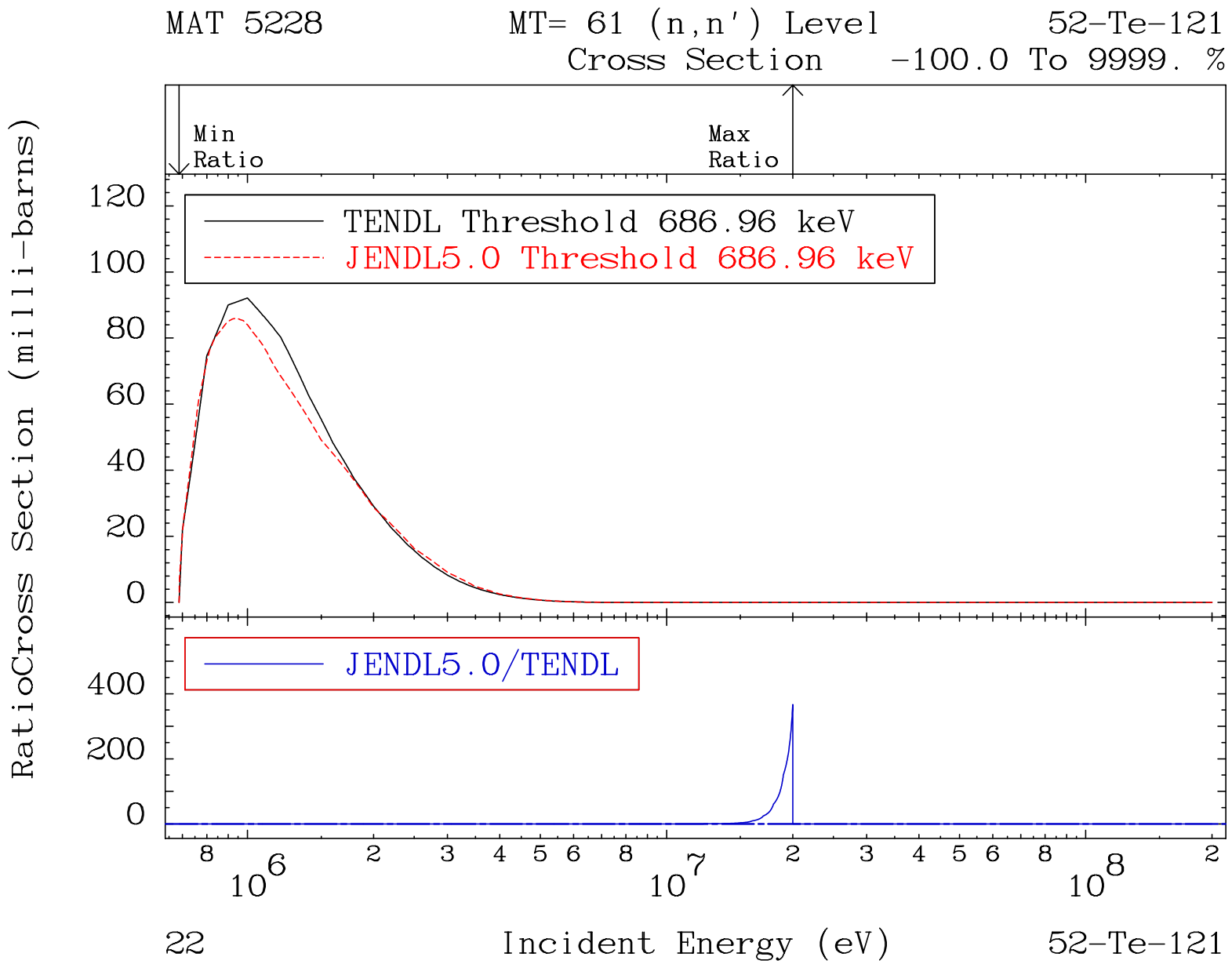

MAT 5228
MT= 56 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 536.49 keV
JENDL5.0 Threshold 536.49 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
600
400
200
0
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
17
Incident Energy (eV)
52-Te-121

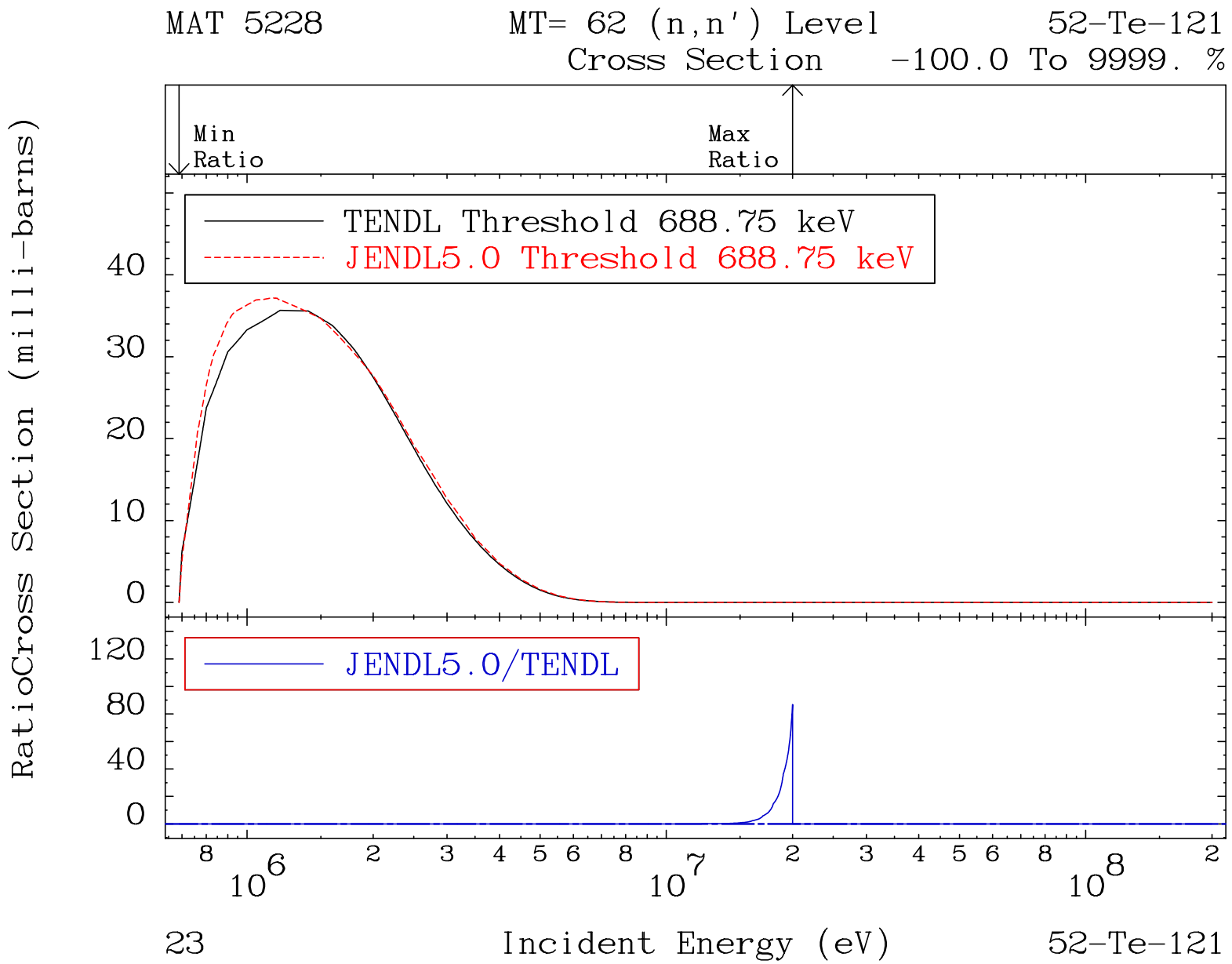

MAT 5228
MT= 57 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 543.18 keV
JENDL5.0 Threshold 543.18 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
18
52-Te-121

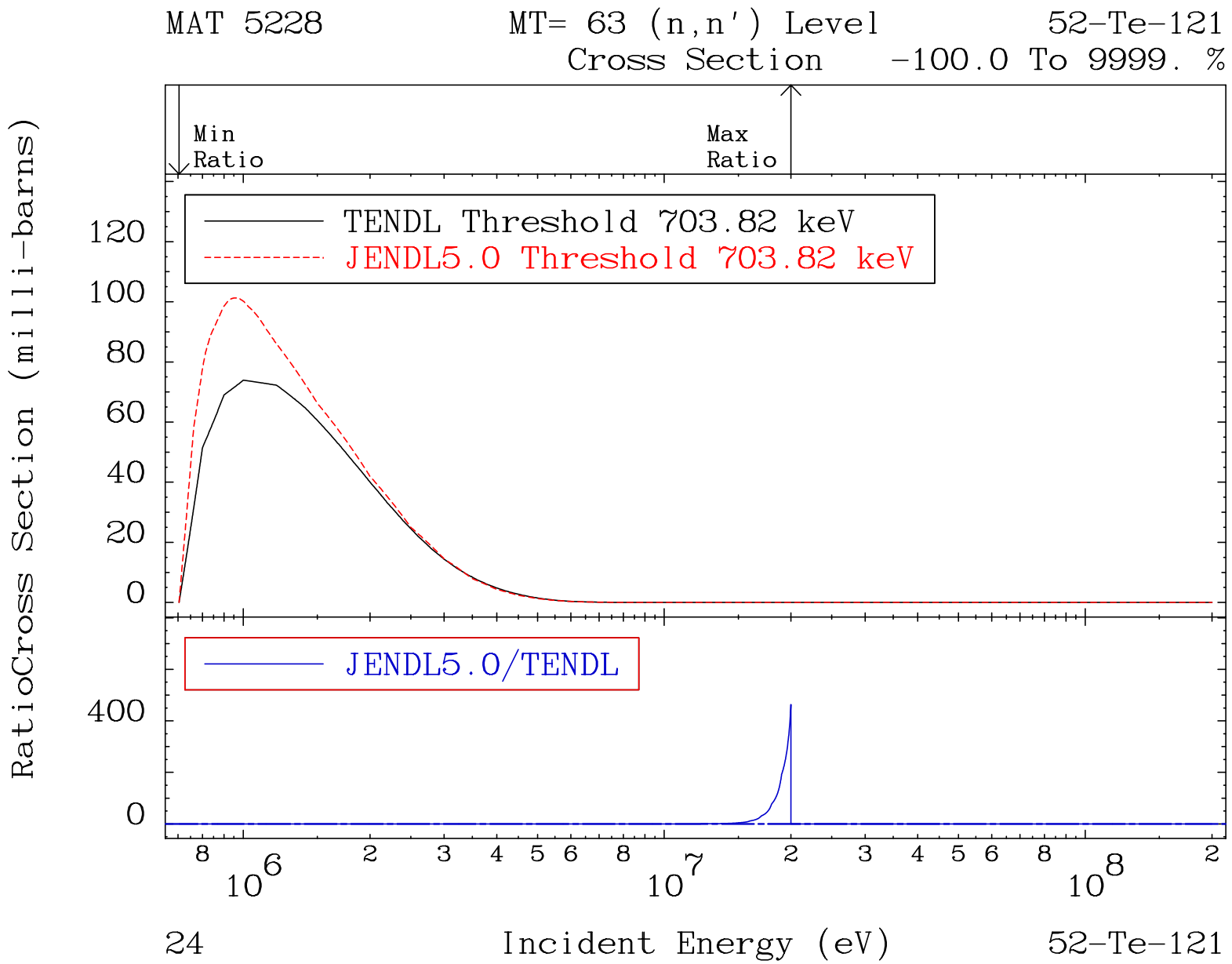

MAT 5228
MT= 58 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 599.45 keV
JENDL5.0 Threshold 599.45 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
600
400
200
0
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
19
Incident Energy (eV)
52-Te-121

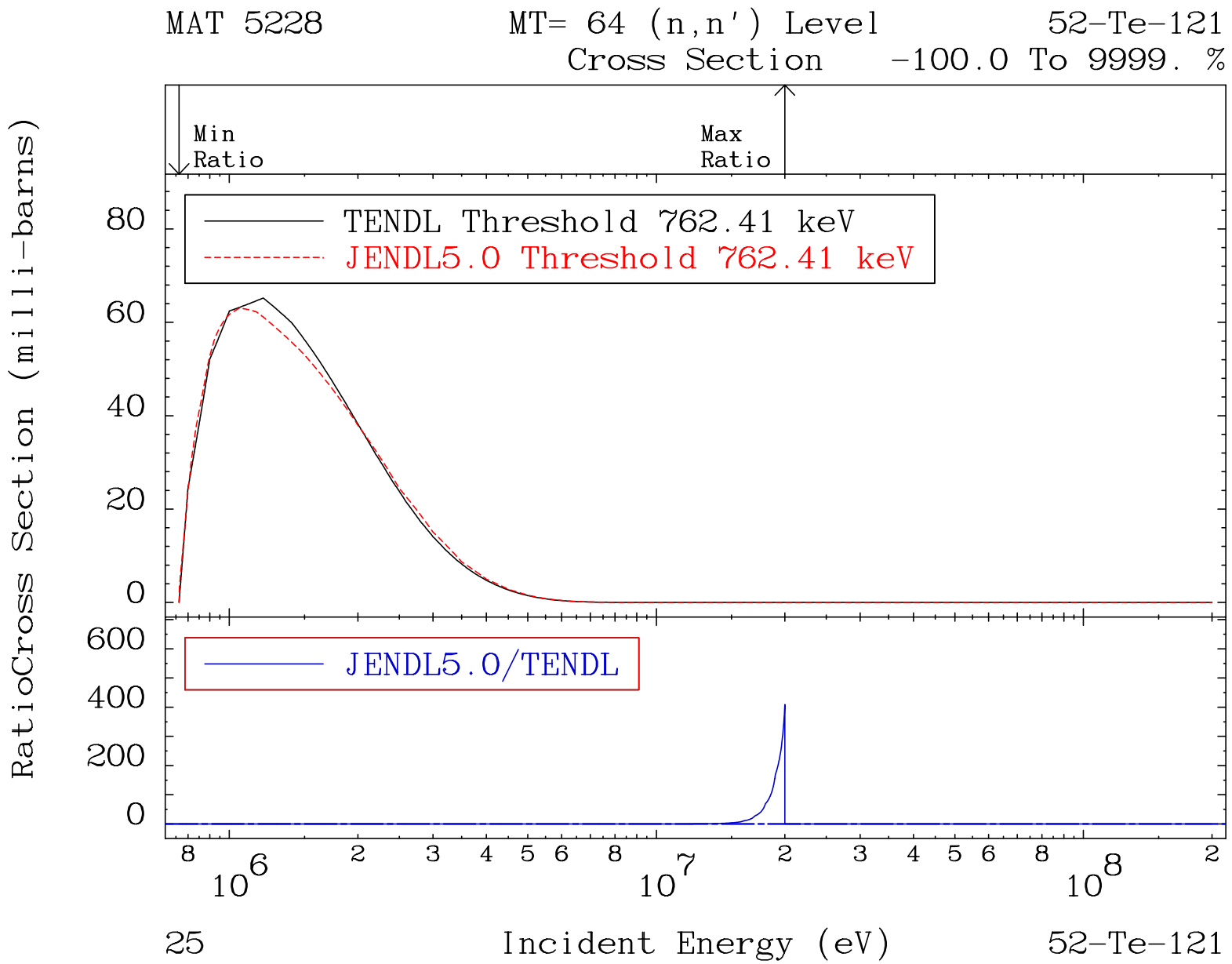

MAT 5228
MT= 59 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 619.12 keV
JENDL5.0 Threshold 619.12 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
400
0
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
Incident Energy (eV)
20
52-Te-121

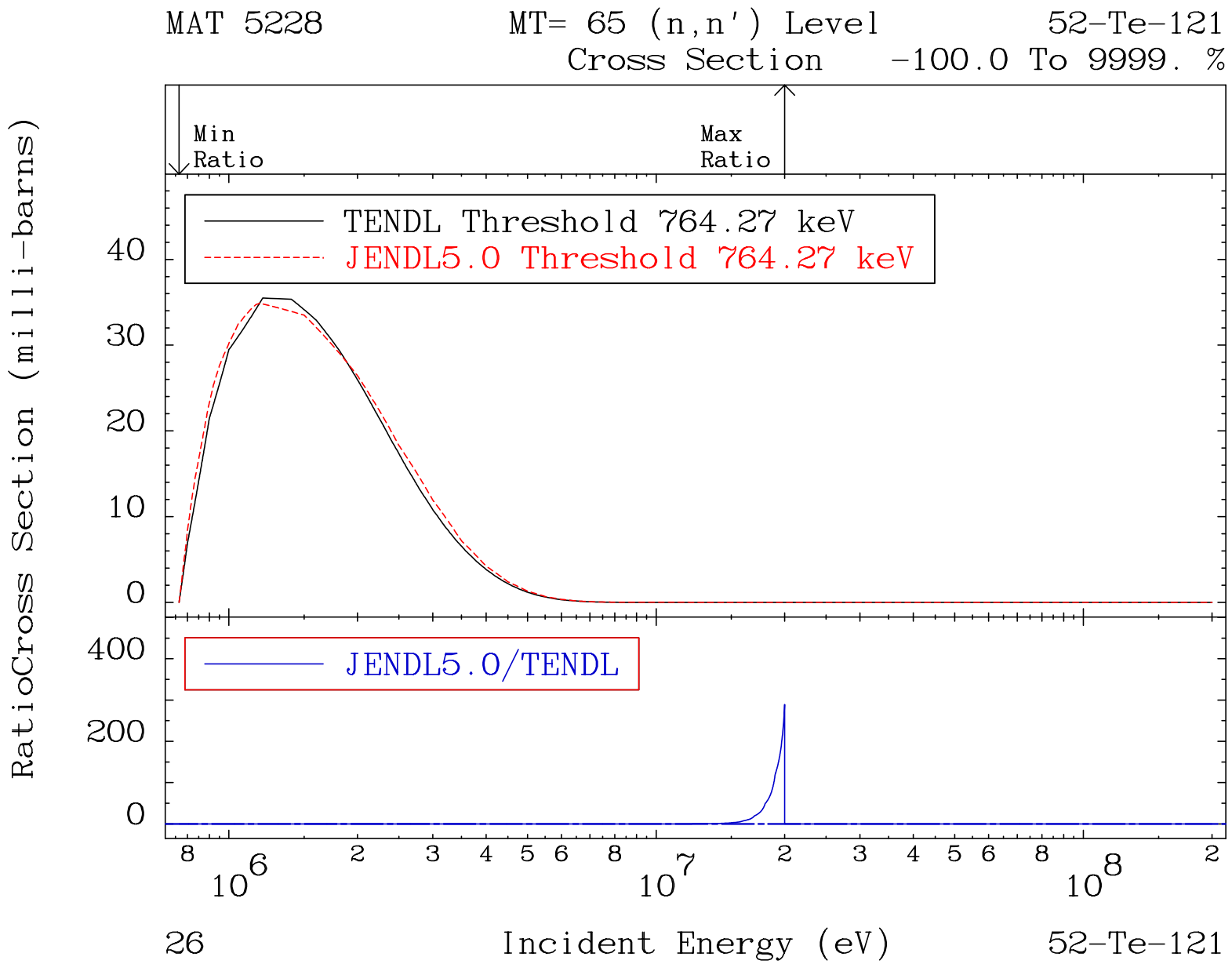

MAT 5228
MT= 60 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Max
Ratio
120
100
80
60
40
20
0
TENDL Threshold 665.51 keV
JENDL5.0 Threshold 665.51 keV
JENDL5.0/TENDL
4
0
8
2
3
4
5
6
8
10^6
10^7
10^8
RatioCross Section (milli-barns)
21
Incident Energy (eV)
52-Te-121

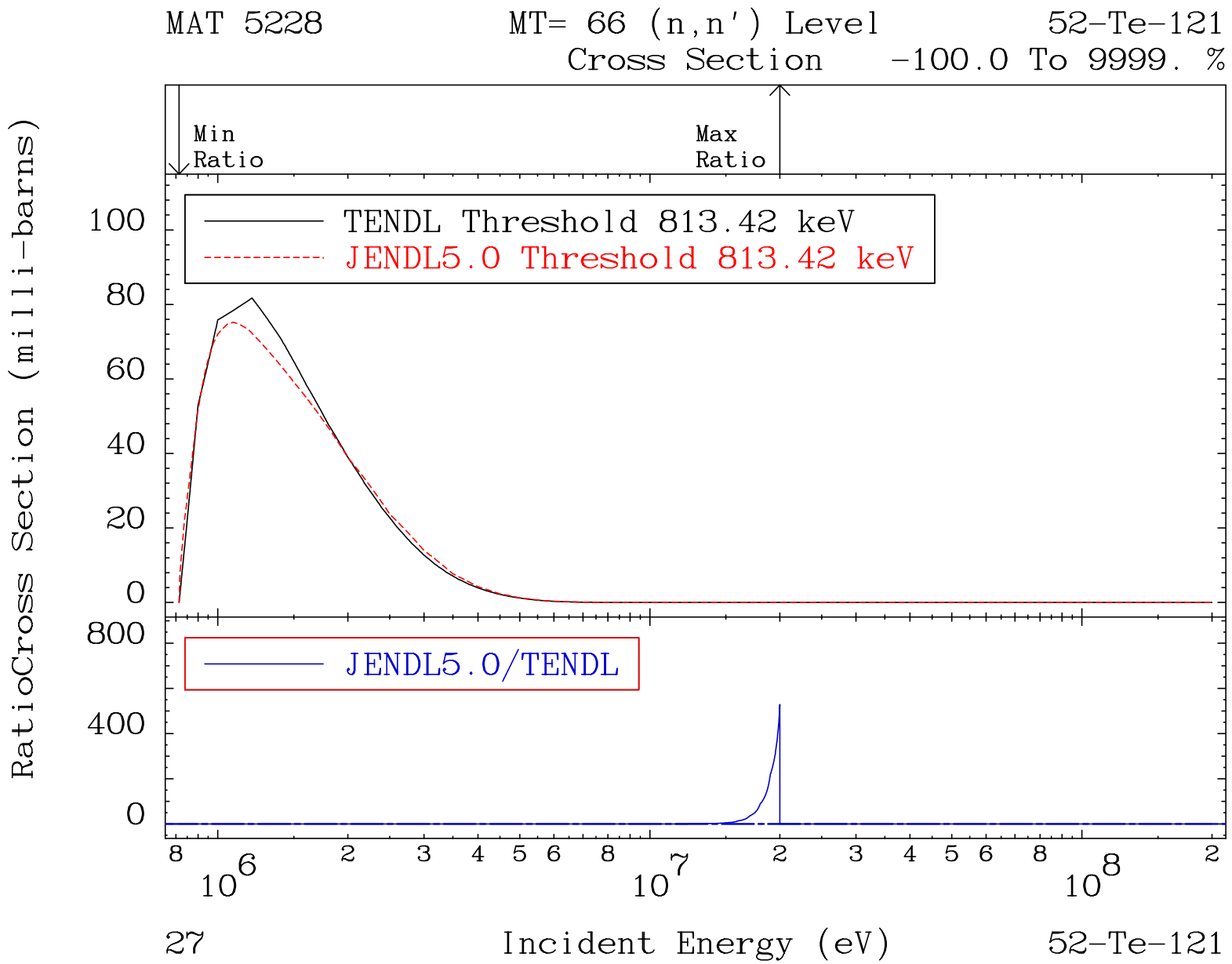

MAT 5228
MT= 61 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 686.96 keV
JENDL5.0 Threshold 686.96 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
400
200
0
8
2
3
4
5
6
8
10^6
10^7
10^8
22
Incident Energy (eV)
52-Te-121

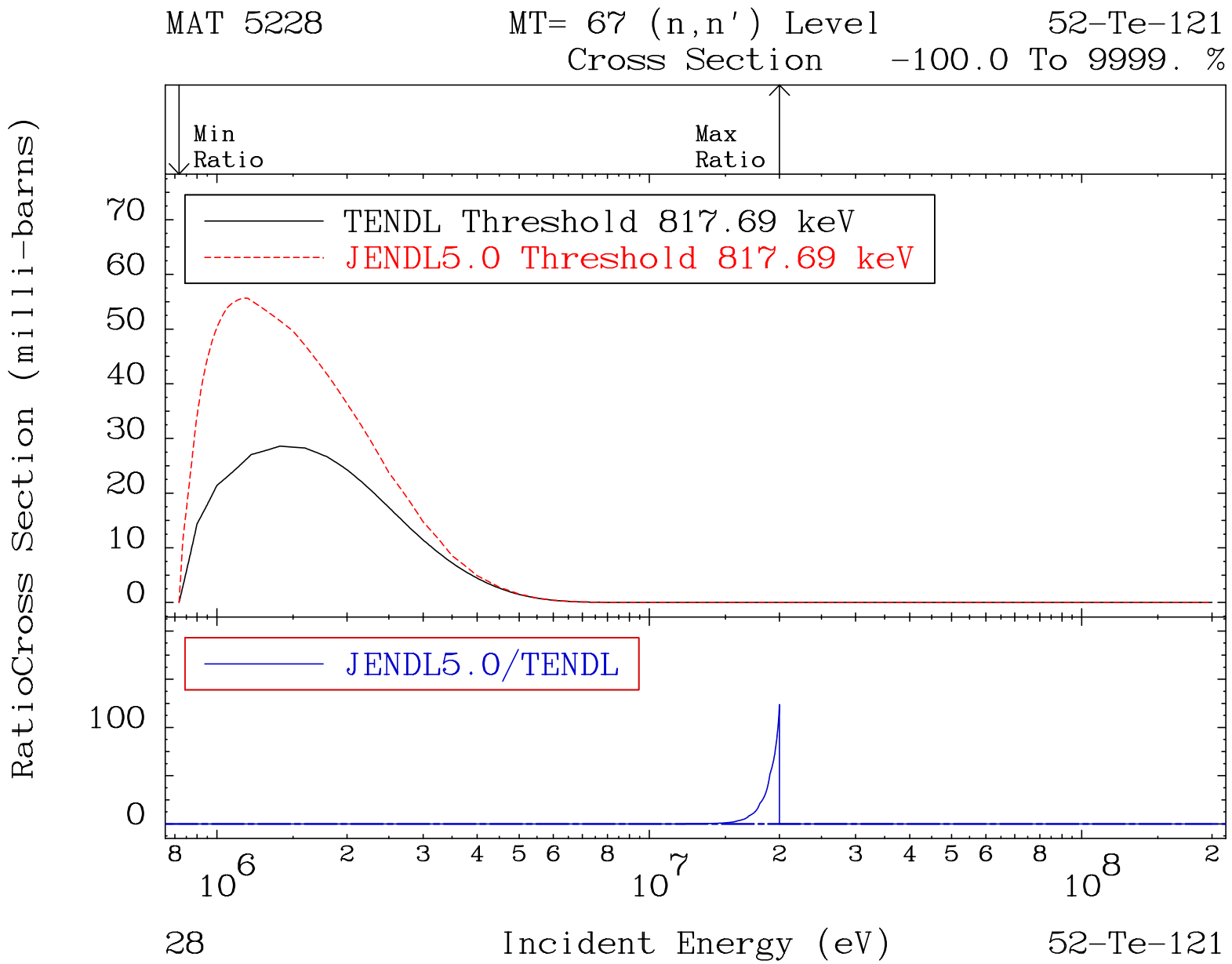

MAT 5228
MT= 62 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 688.75 keV
JENDL5.0 Threshold 688.75 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
120
80
40
0
8
2
3
4
5
6
8
2
3
4
5
6
8
2
10^6
10^7
10^8
23
Incident Energy (eV)
52-Te-121

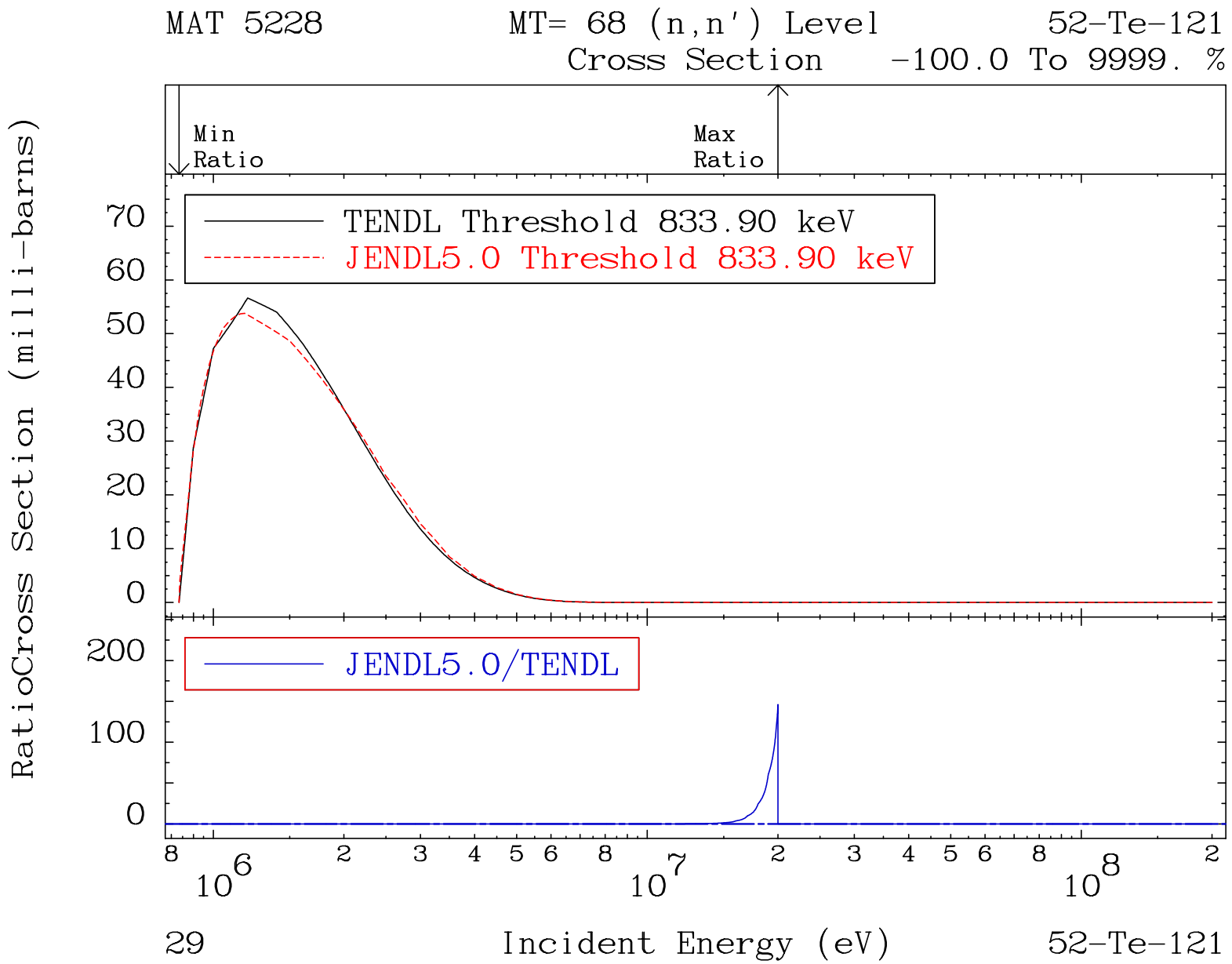

MAT 5228
MT= 63 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 703.82 keV
JENDL5.0 Threshold 703.82 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
400
0
8
2
3
4
5
6
8
2
3
4
5
6
8
2
10^6
10^7
10^8
24
Incident Energy (eV)
52-Te-121

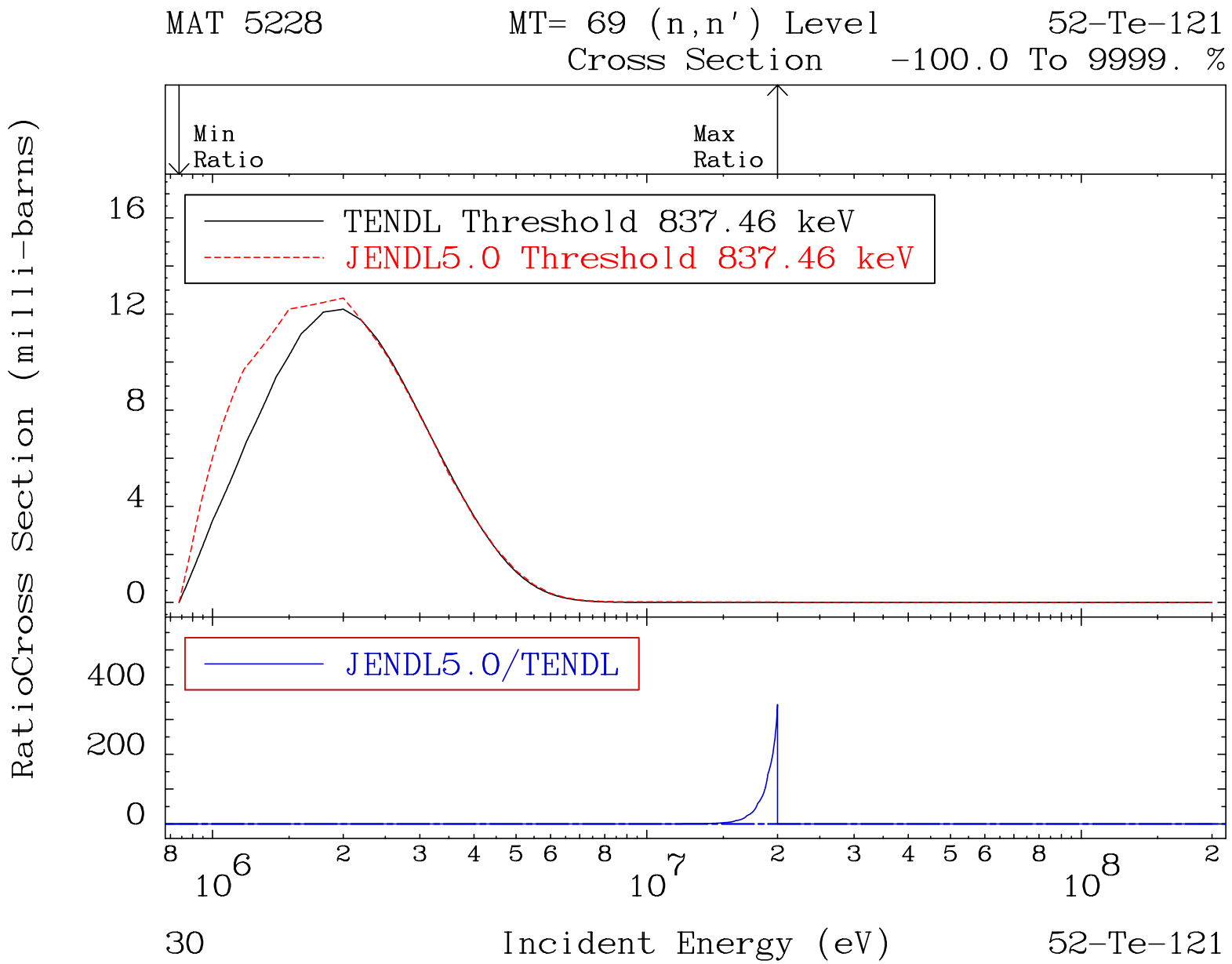

MAT 5228
MT= 64 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 762.41 keV
JENDL5.0 Threshold 762.41 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
600
400
200
0
8
2
3
4
5
6
8
10^6
10^7
10^8
25
Incident Energy (eV)
52-Te-121

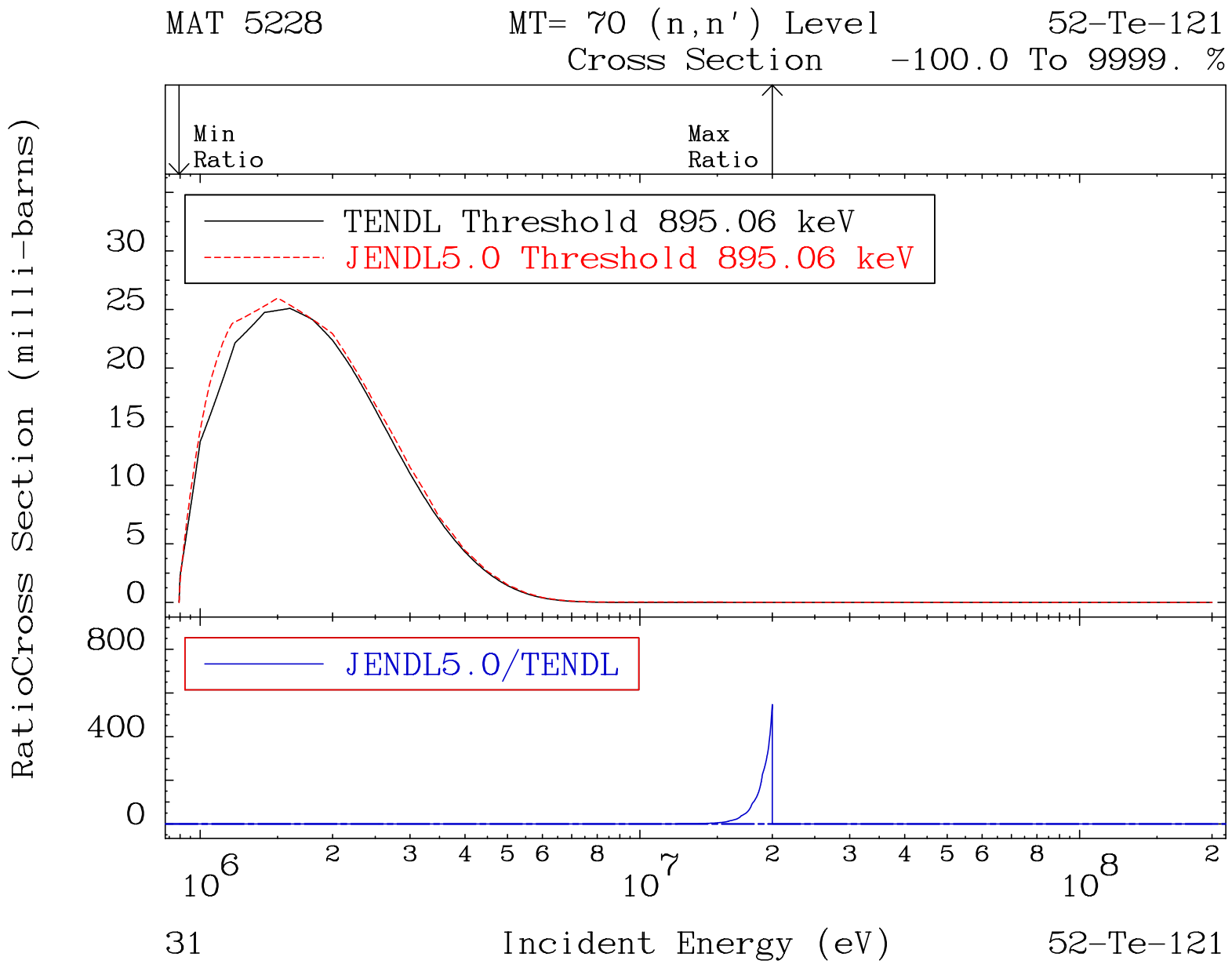

MAT 5228
MT= 65 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 764.27 keV
JENDL5.0 Threshold 764.27 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
400
200
0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
26
Incident Energy (eV)
52-Te-121

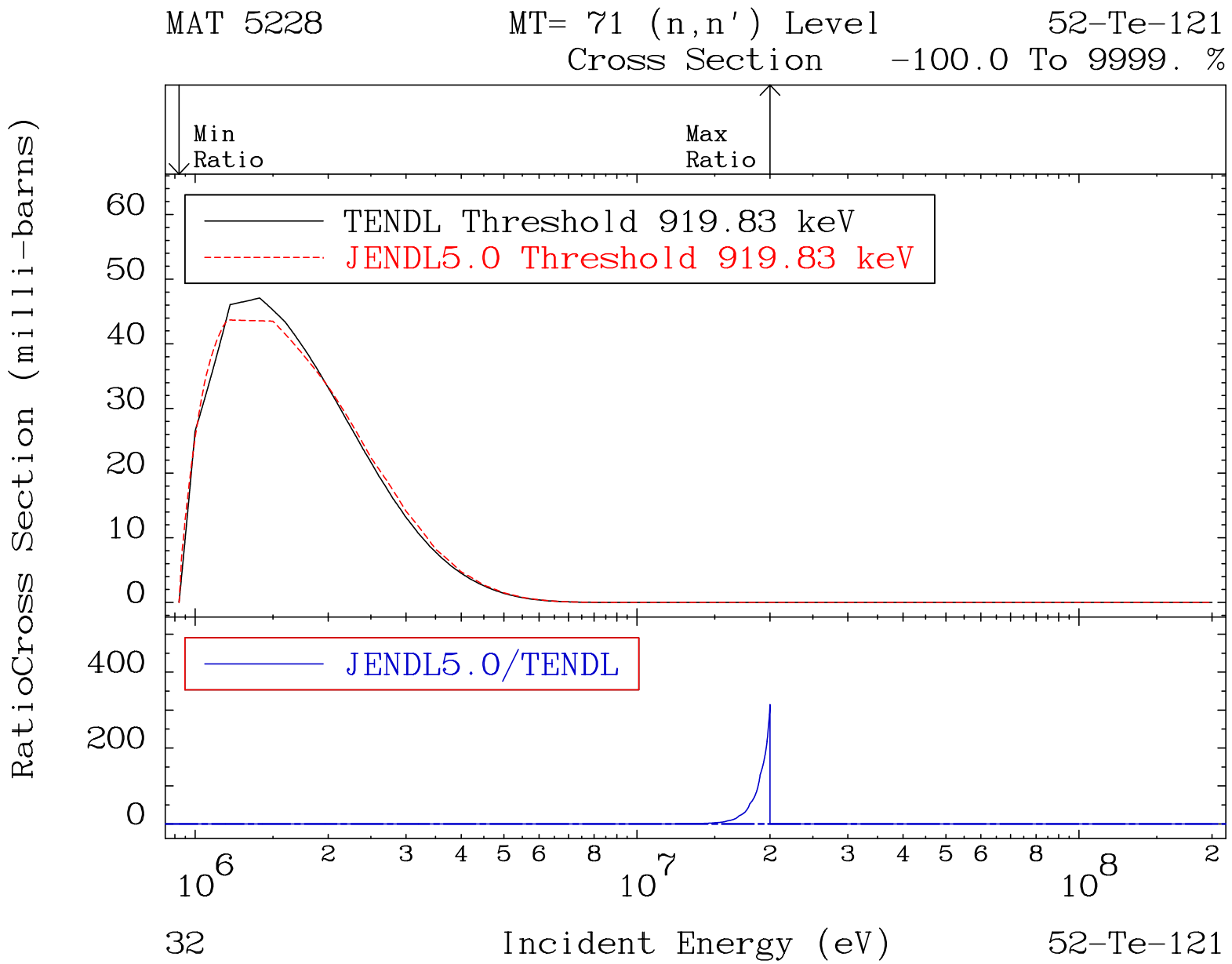

MAT 5228
MT= 66 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 813.42 keV
JENDL5.0 Threshold 813.42 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
800
400
0
8
2
3
4
5
6
8
10^6
10^7
10^8
27
Incident Energy (eV)
52-Te-121

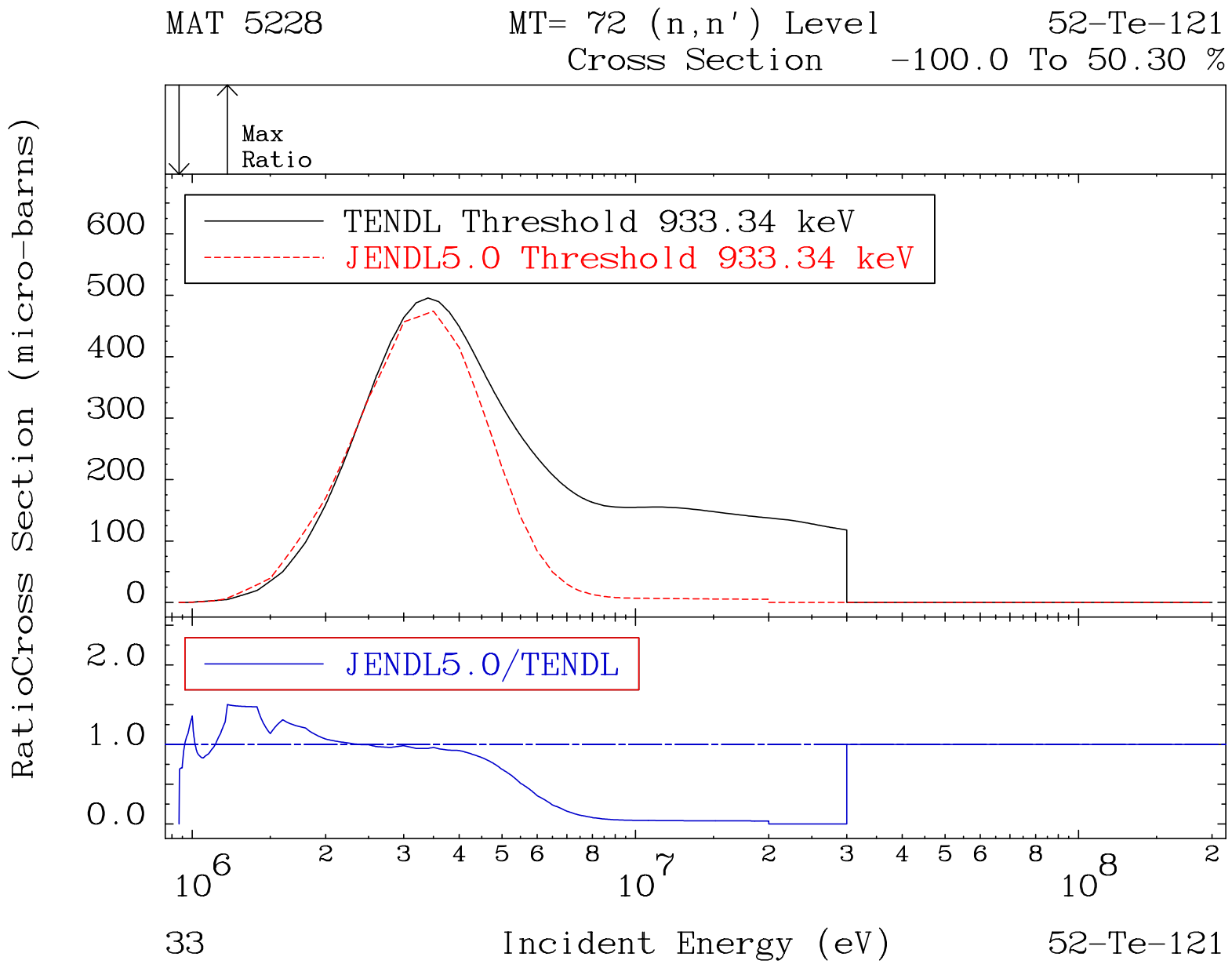

MAT 5228
MT= 67 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 817.69 keV
JENDL5.0 Threshold 817.69 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
70
60
50
40
30
20
10
0
100
0
8
2
3
4
5
6
8
10^6
10^7
10^8
28
Incident Energy (eV)
52-Te-121

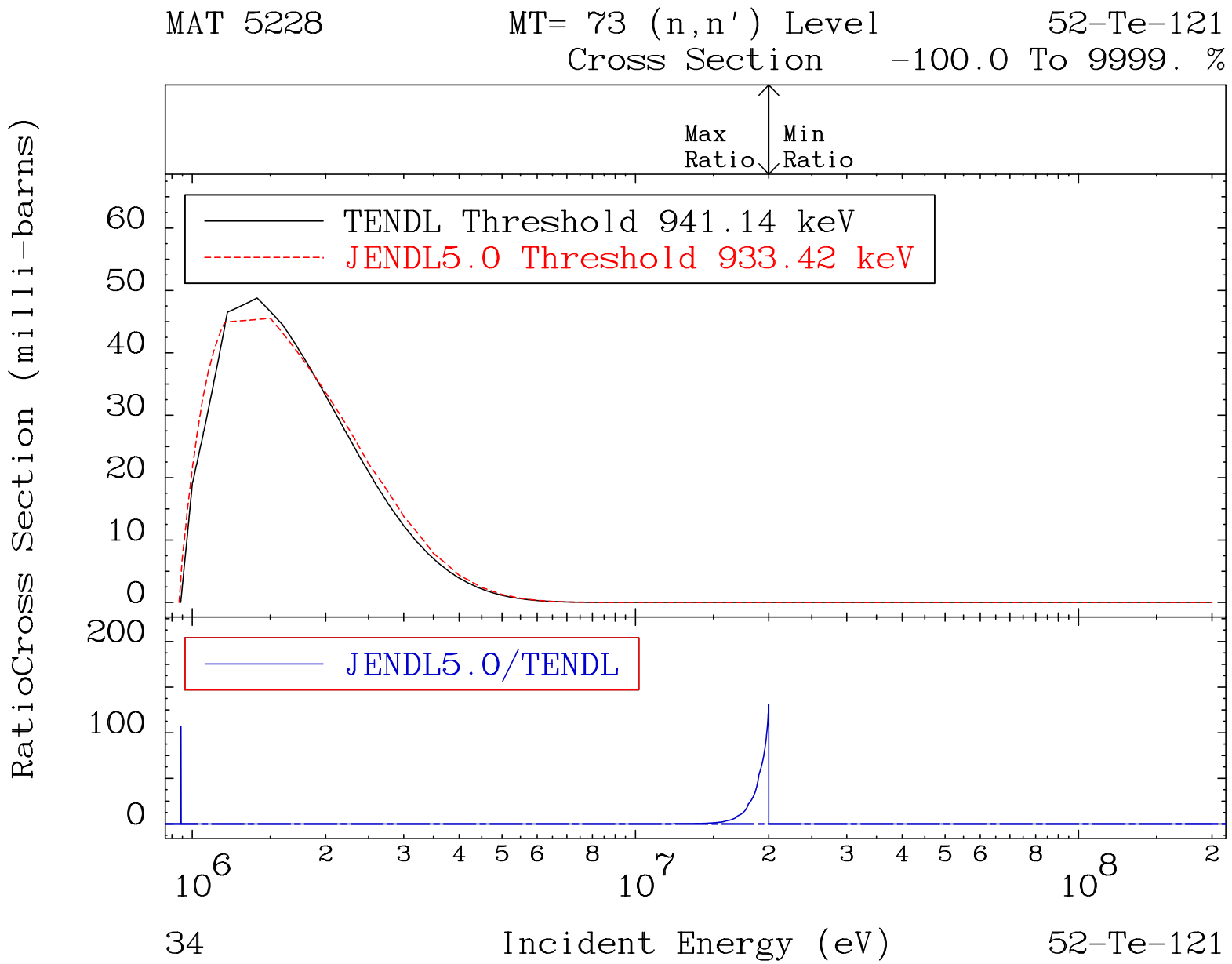

MAT 5228
MT= 68 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 833.90 keV
JENDL5.0 Threshold 833.90 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
70
60
50
40
30
20
10
0
200
100
0
8
2
3
4
5
6
8
10^6
10^7
10^8
29
Incident Energy (eV)
52-Te-121

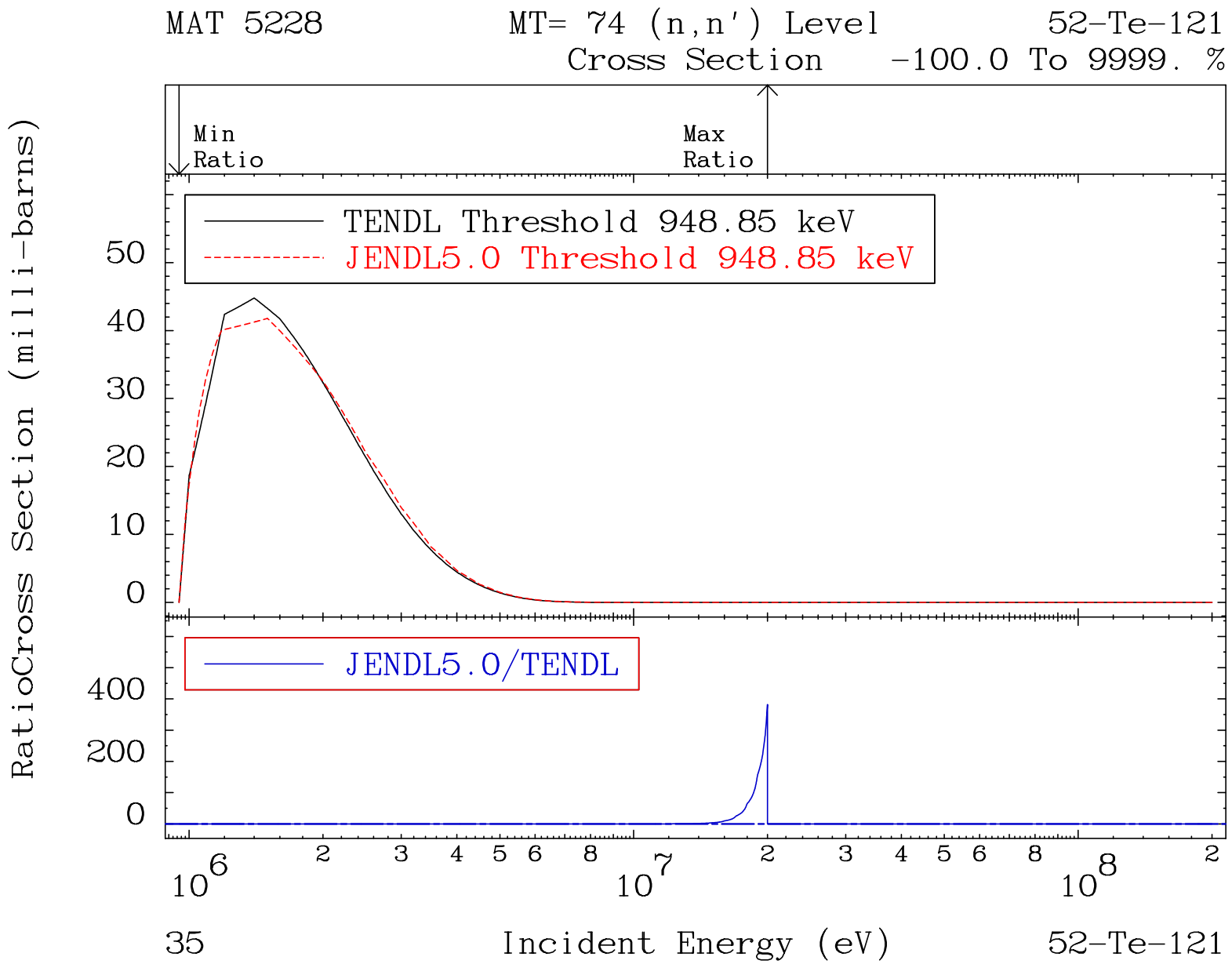

MAT 5228
MT= 69 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 837.46 keV
JENDL5.0 Threshold 837.46 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
16
12
8
4
0
400
200
0
8
2
3
4
5
6
8
10^6
10^7
10^8
30
Incident Energy (eV)
52-Te-121

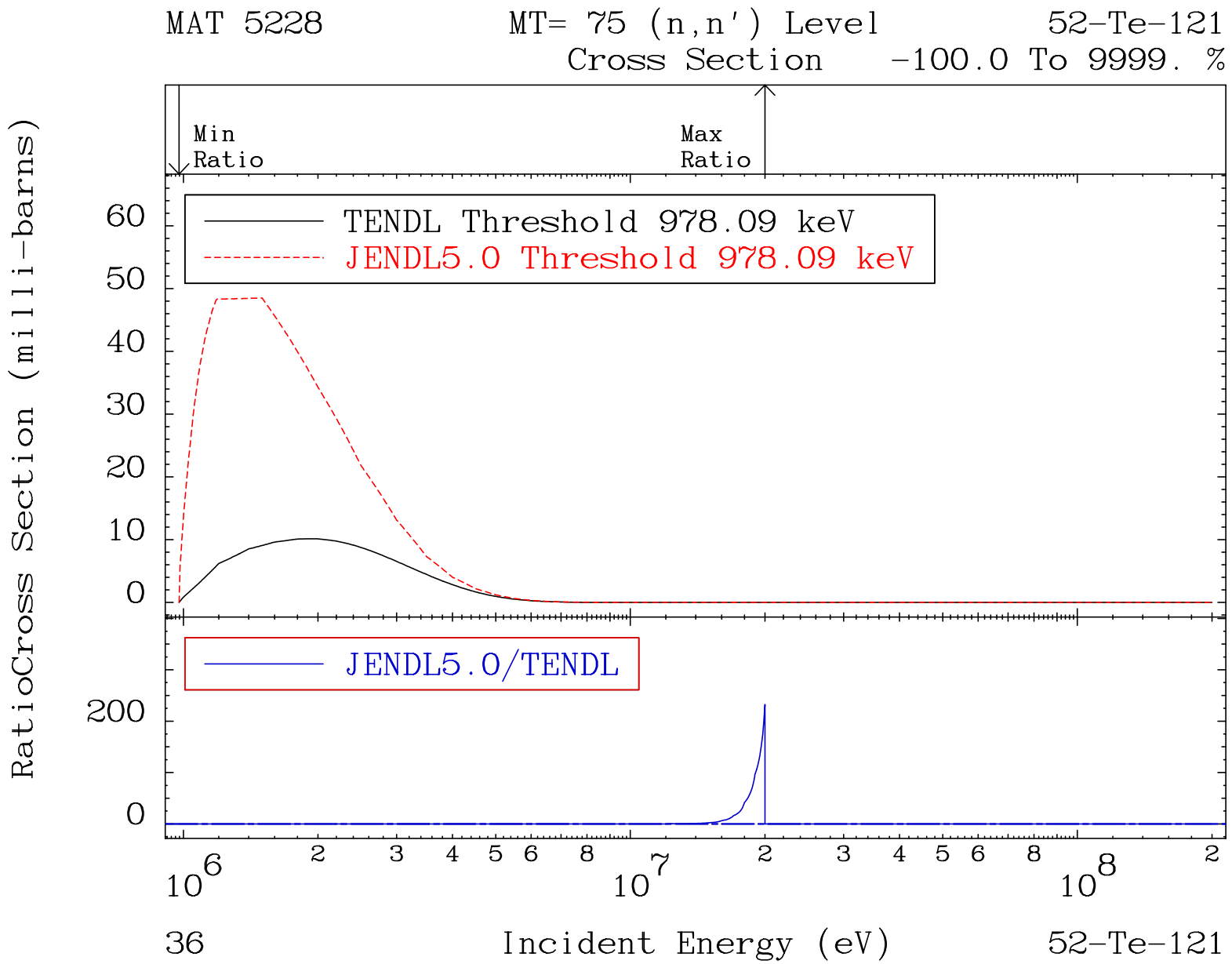

MAT 5228
MT= 70 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 895.06 keV
JENDL5.0 Threshold 895.06 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
800
400
0
10^6
10^7
10^8
2 3 4 5 6 8
31
Incident Energy (eV)
52-Te-121

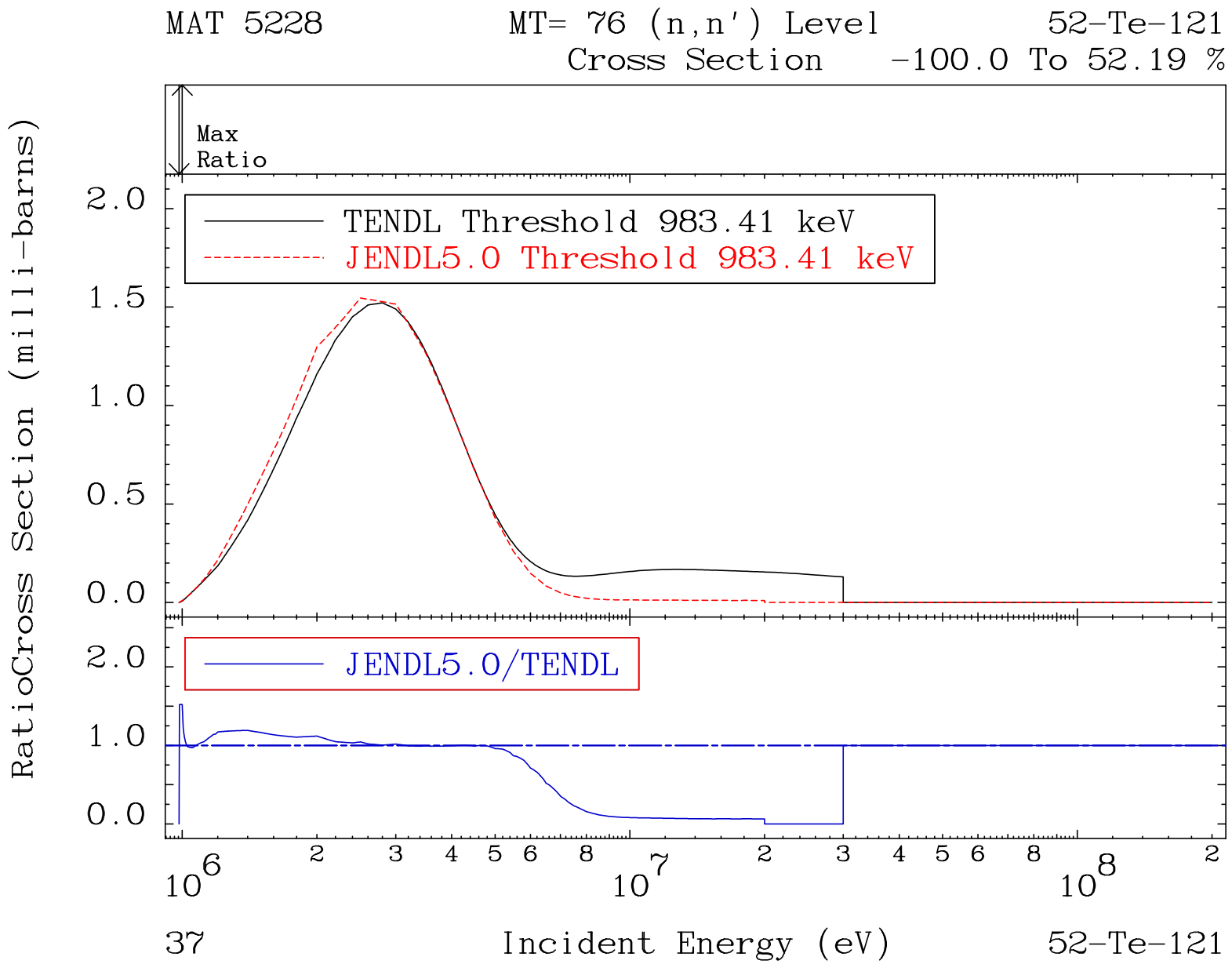

MAT 5228
MT= 71 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 919.83 keV
JENDL5.0 Threshold 919.83 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
400
200
0
10^6
10^7
10^8
2 3 4 5 6 8
32
Incident Energy (eV)
52-Te-121

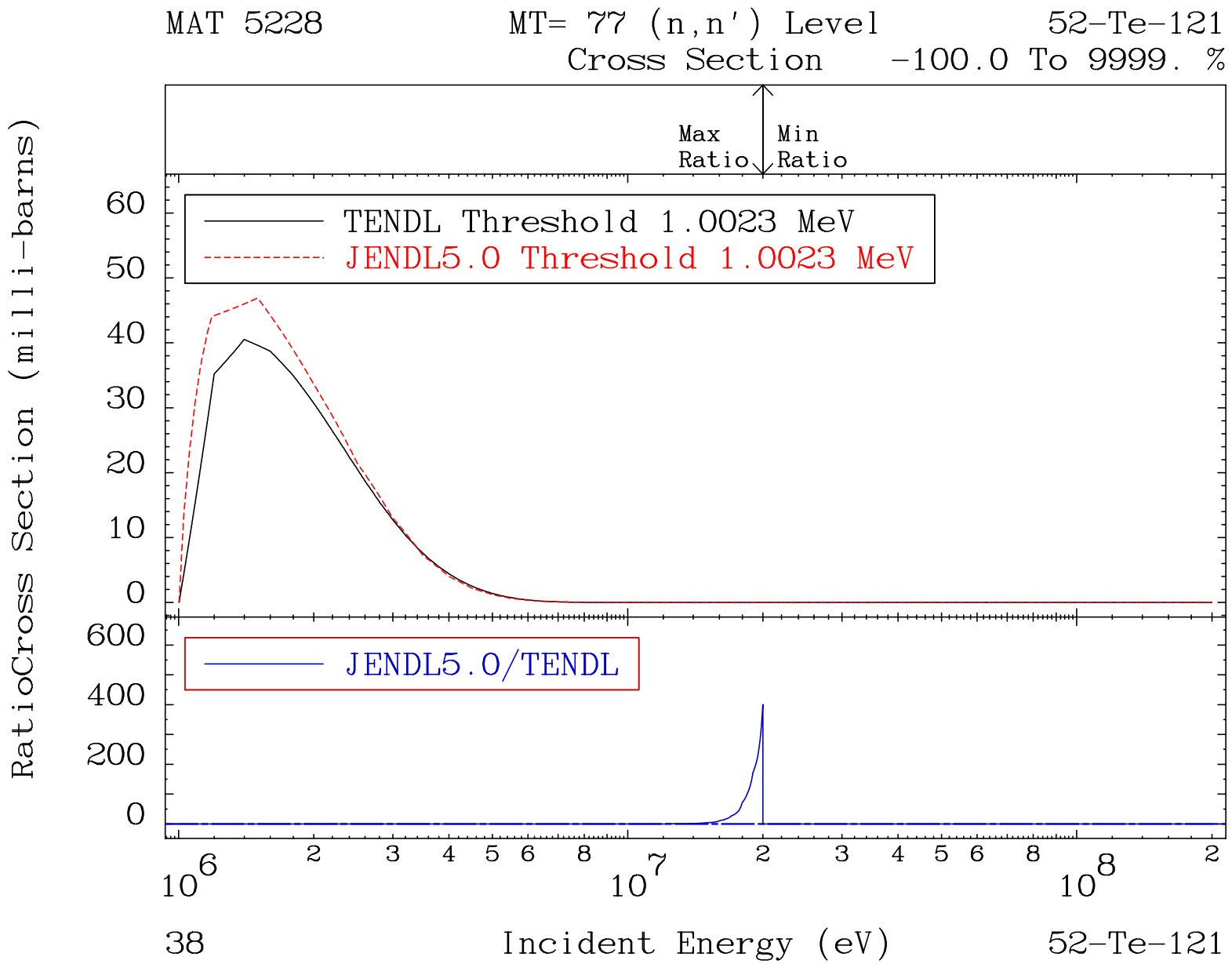

MAT 5228
MT= 72 (n,n') Level
52-Te-121
Cross Section
-100.0 To 50.30 %
Max
Ratio
TENDL Threshold 933.34 keV
JENDL5.0 Threshold 933.34 keV
JENDL5.0/TENDL
RatioCross Section (micro-barns)
600
500
400
300
200
100
0
2.0
1.0
0.0
10^6
10^7
10^8
Incident Energy (eV)
33
52-Te-121

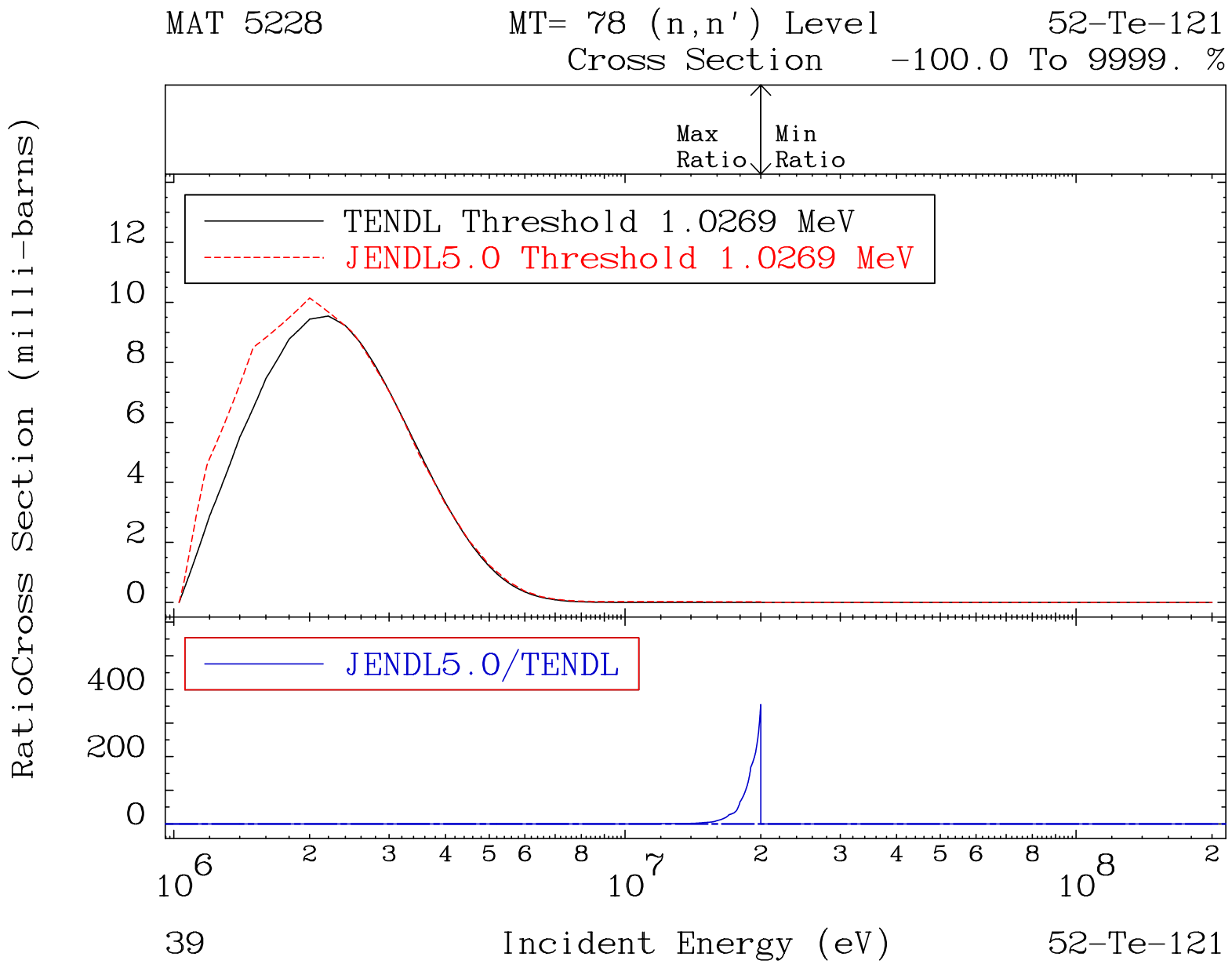

MAT 5228
MT= 73 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 941.14 keV
JENDL5.0 Threshold 933.42 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
200
100
0
2
3
4
5
6
8
10^6
10^7
10^8
34
Incident Energy (eV)
52-Te-121

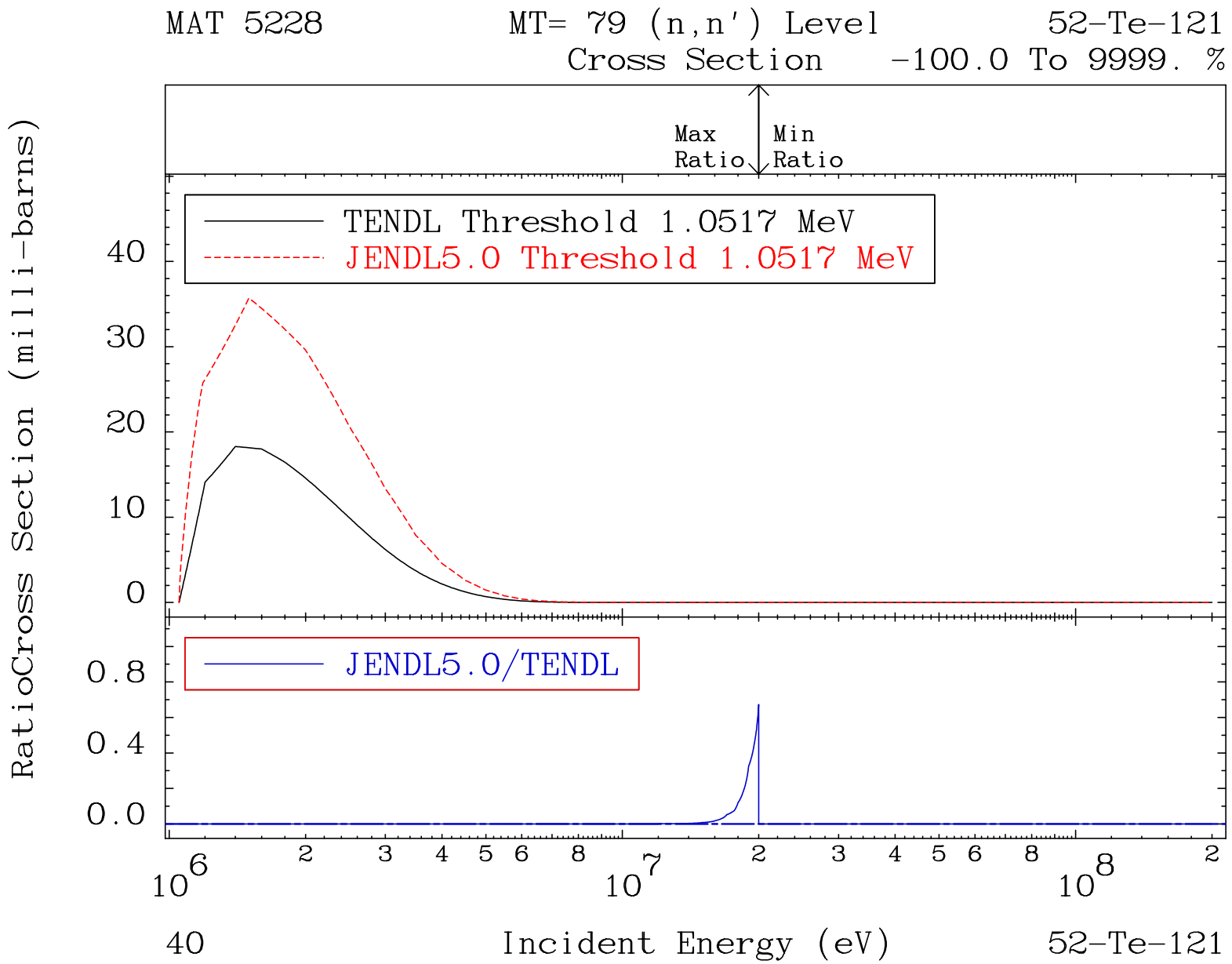

MAT 5228
MT= 74 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 948.85 keV
JENDL5.0 Threshold 948.85 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
400
200
0
10^6
10^7
10^8
2 3 4 5 6 8
35
Incident Energy (eV)
52-Te-121

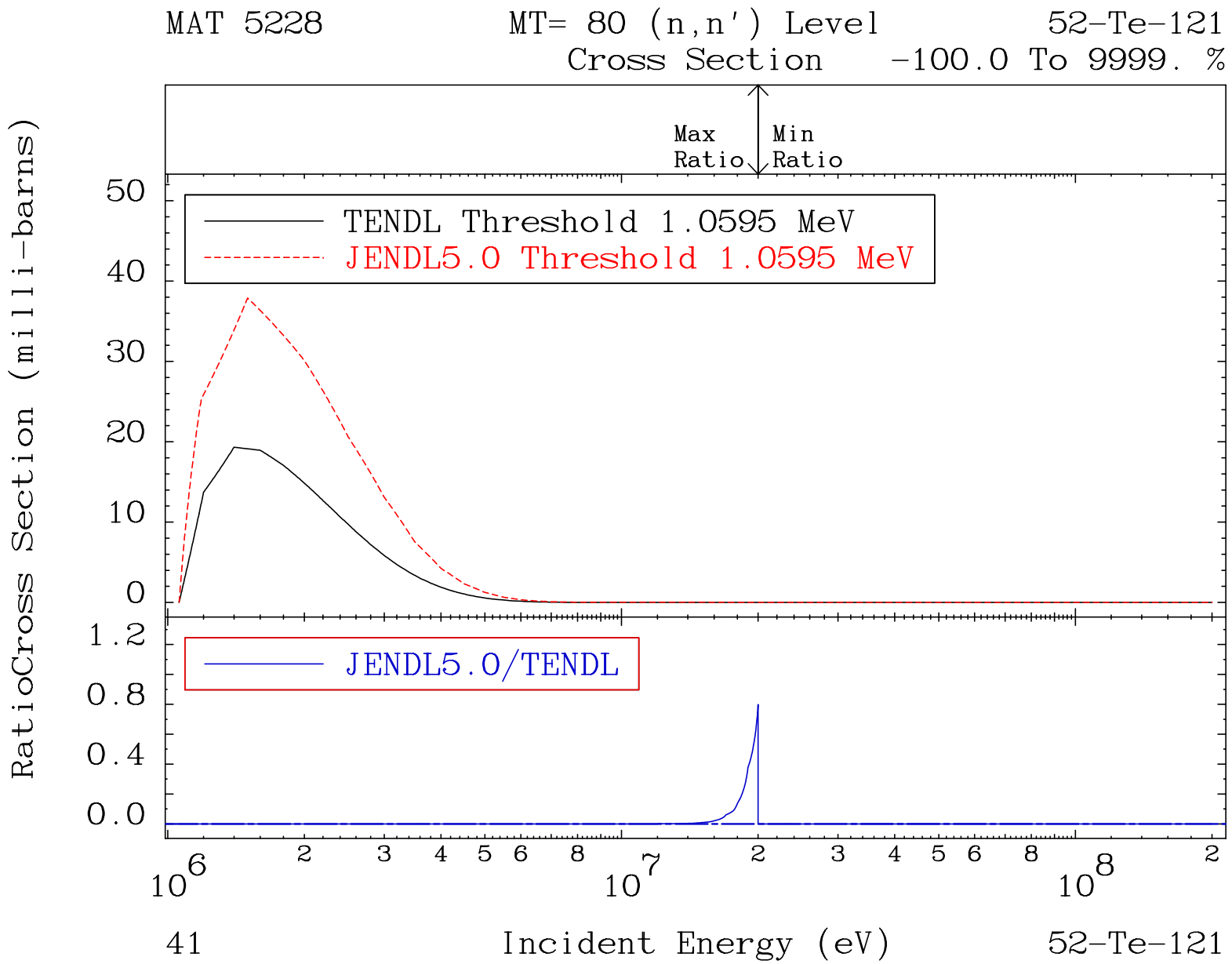

MAT 5228
MT= 75 (n,n') Level
52-Te-121
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 978.09 keV
JENDL5.0 Threshold 978.09 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
200
0
10^6
10^7
10^8
2 3 4 5 6 8
36
Incident Energy (eV)
52-Te-121

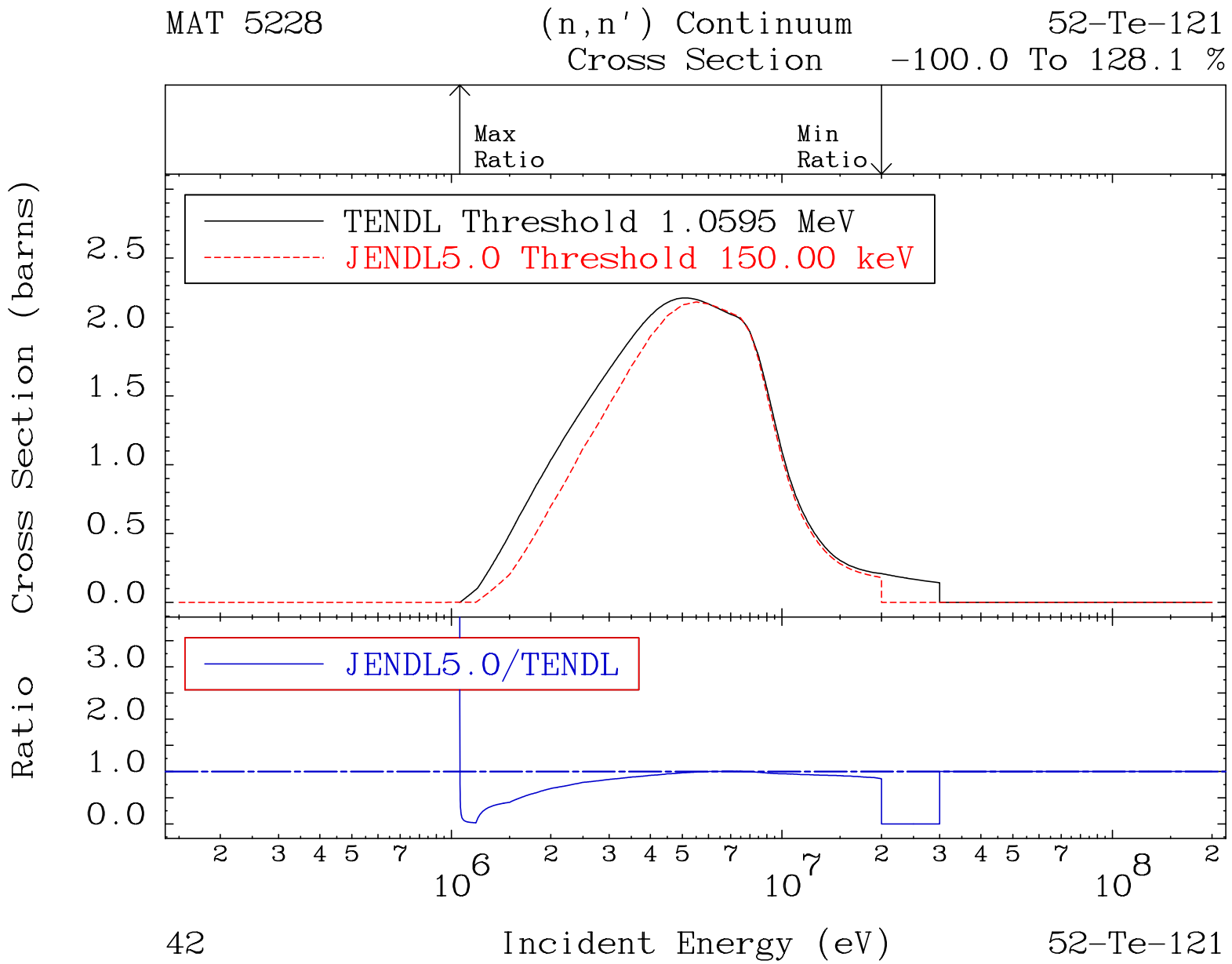

MAT 5228
MT= 76 (n,n') Level
52-Te-121
Cross Section
-100.0 To 52.19 %
Max
Ratio
TENDL Threshold 983.41 keV
JENDL5.0 Threshold 983.41 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
2.0
1.0
0.0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
37
Incident Energy (eV)
52-Te-121

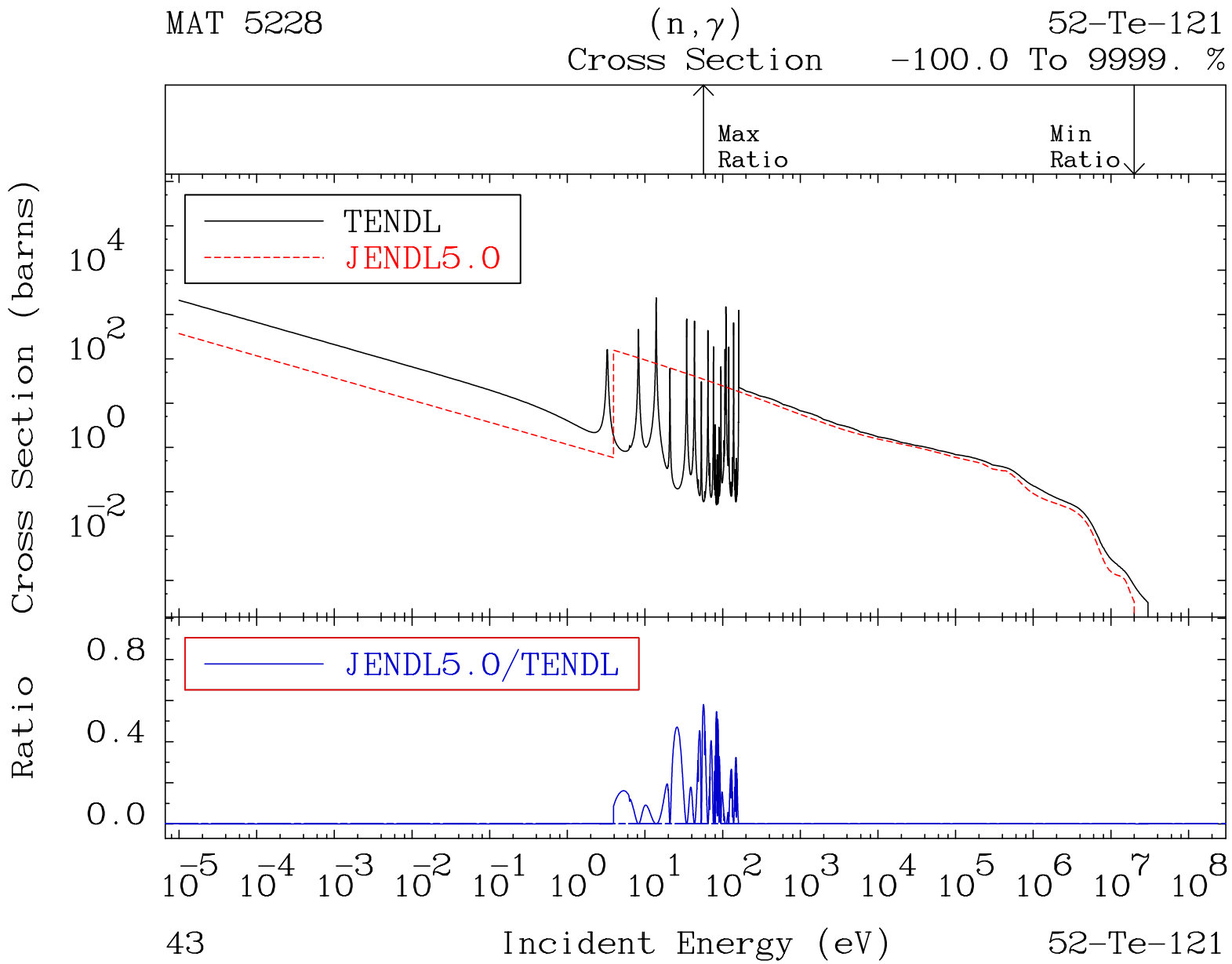

MAT 5228
MT= 77 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 1.0023 MeV
JENDL5.0 Threshold 1.0023 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
600
400
200
0
10^6
10^7
10^8
2 3 4 5 6 8
38
Incident Energy (eV)
52-Te-121

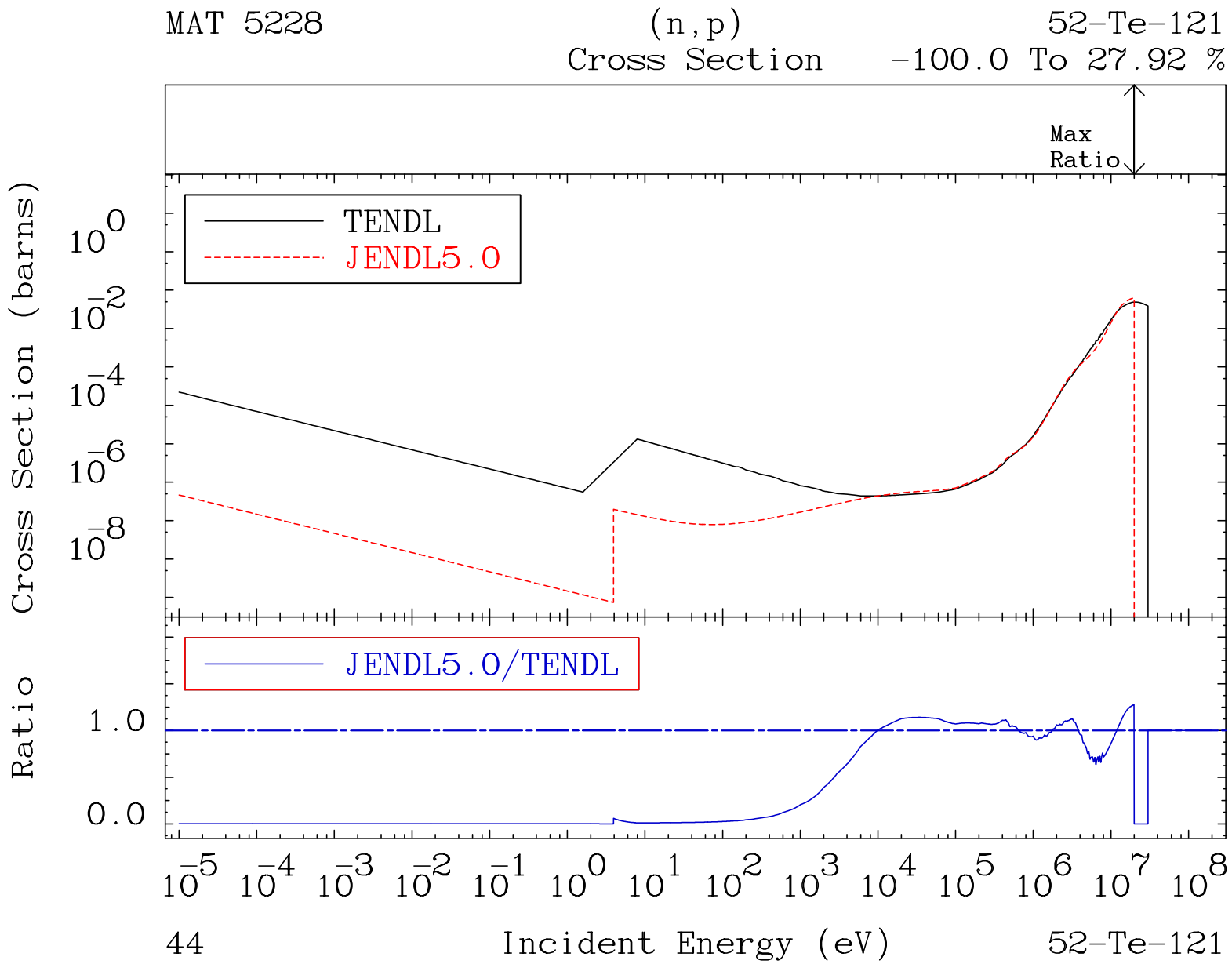

MAT 5228
MT= 78 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 1.0269 MeV
JENDL5.0 Threshold 1.0269 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
39
52-Te-121

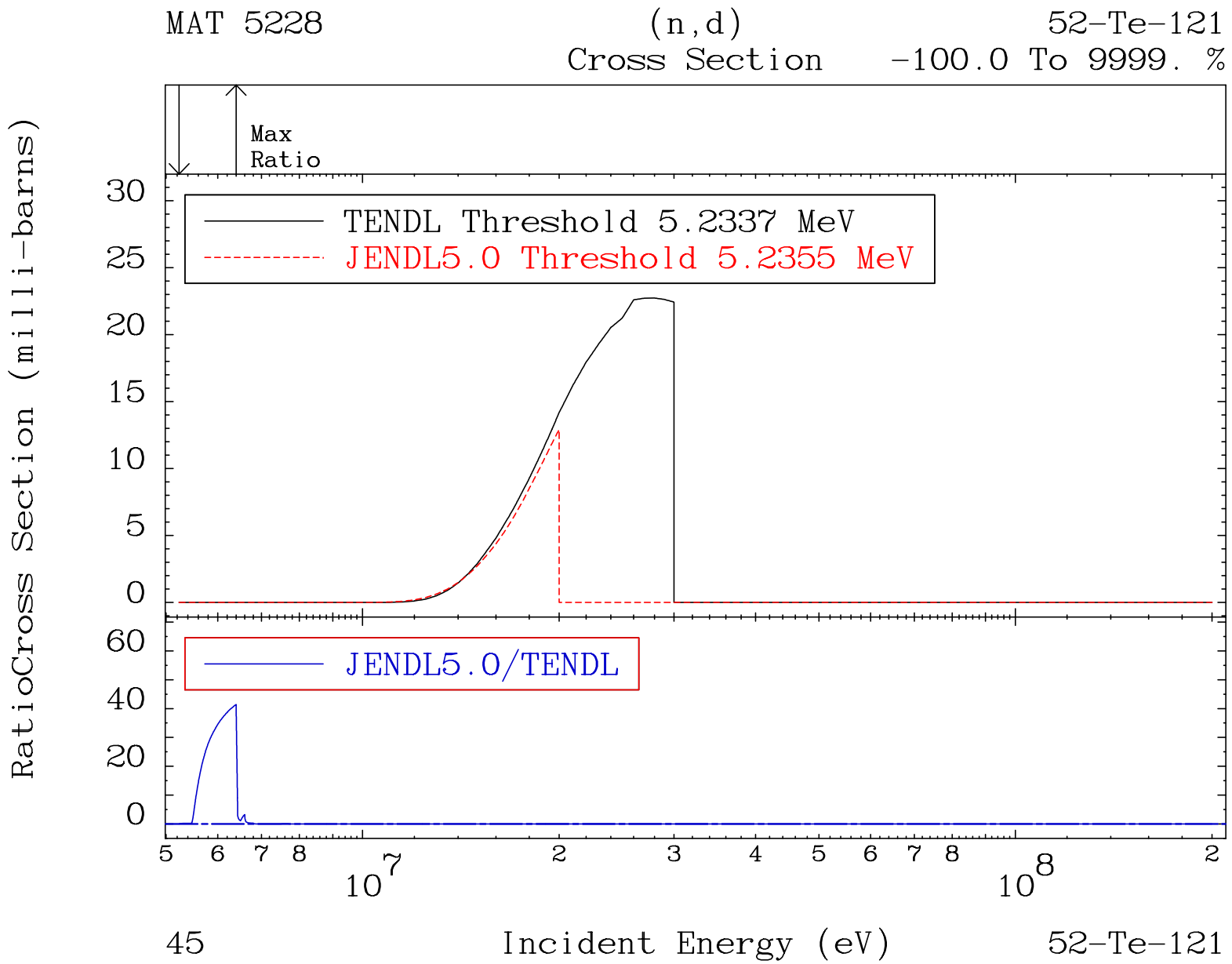

MAT 5228
MT= 79 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 1.0517 MeV
JENDL5.0 Threshold 1.0517 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
0.8
0.4
0.0
2 3 4 5 6 8
10^6
10^7
10^8
Incident Energy (eV)
40
52-Te-121

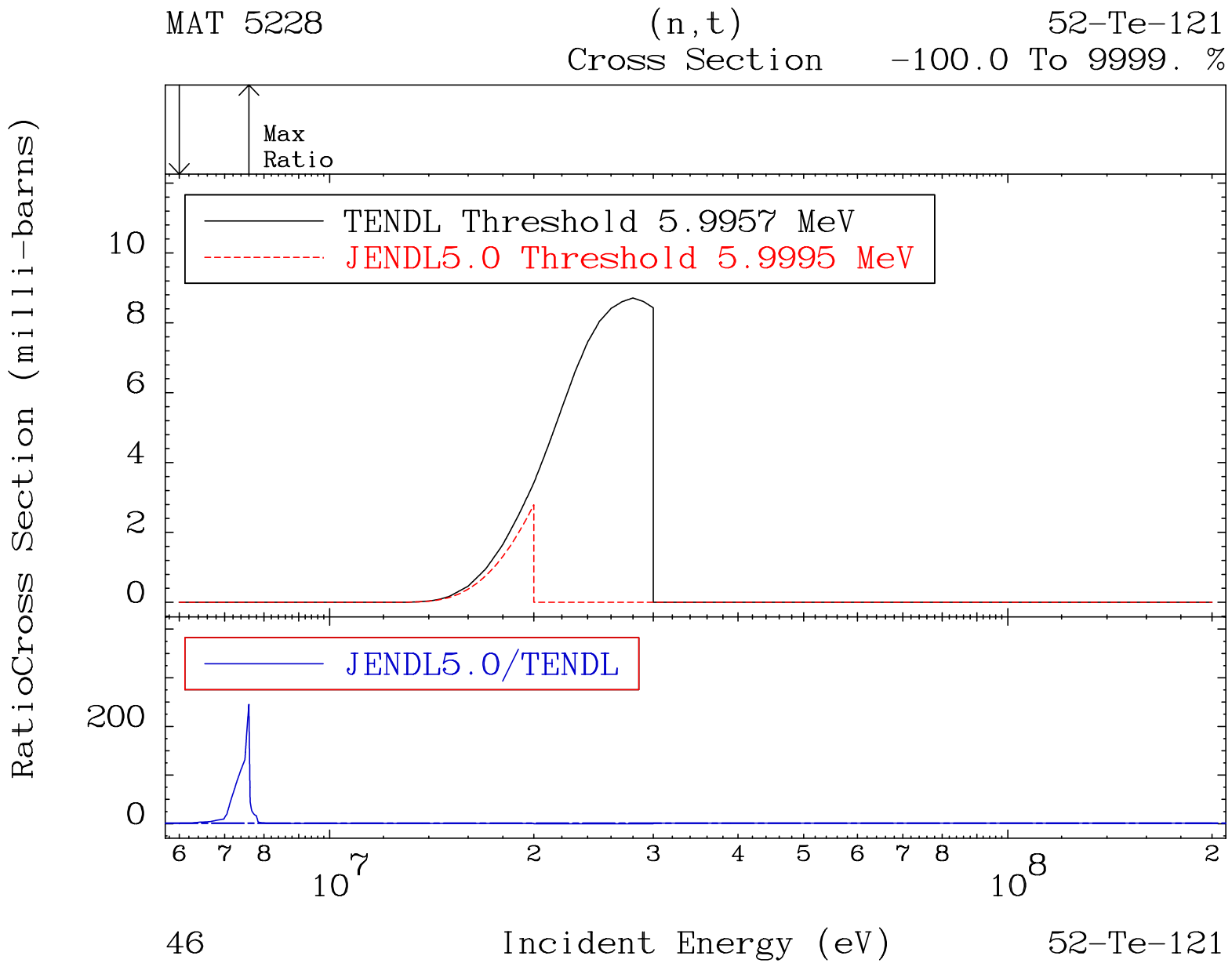

MAT 5228
MT= 80 (n,n') Level
52-Te-121
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 1.0595 MeV
JENDL5.0 Threshold 1.0595 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
1.2
0.8
0.4
0.0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
41
Incident Energy (eV)
52-Te-121

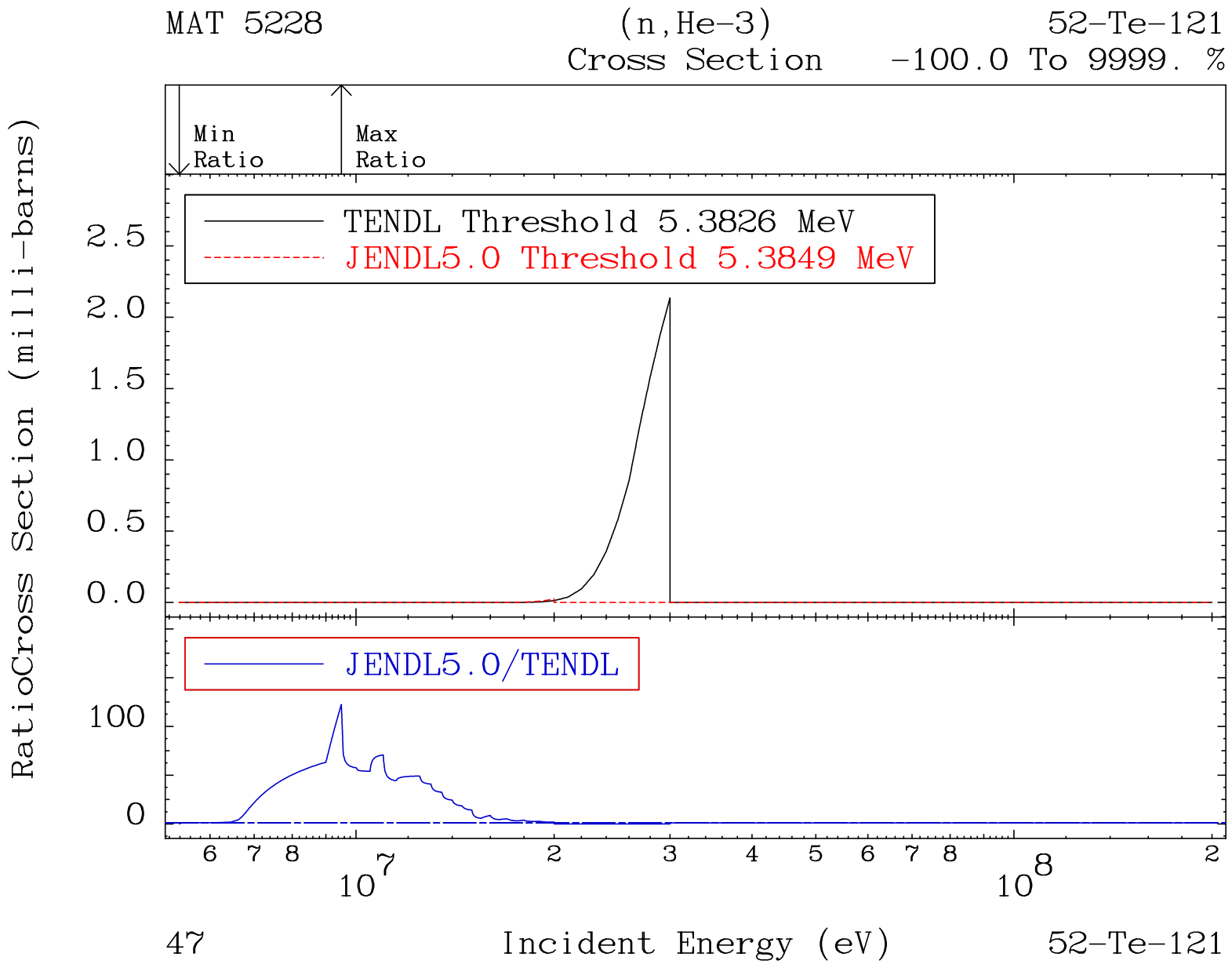

MAT 5228
(n,n') Continuum
Cross Section
52-Te-121
-100.0 To 128.1 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.0595 MeV
JENDL5.0 Threshold 150.00 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
JENDL5.0/TENDL
Ratio
3.0
2.0
1.0
0.0
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
42
Incident Energy (eV)
52-Te-121

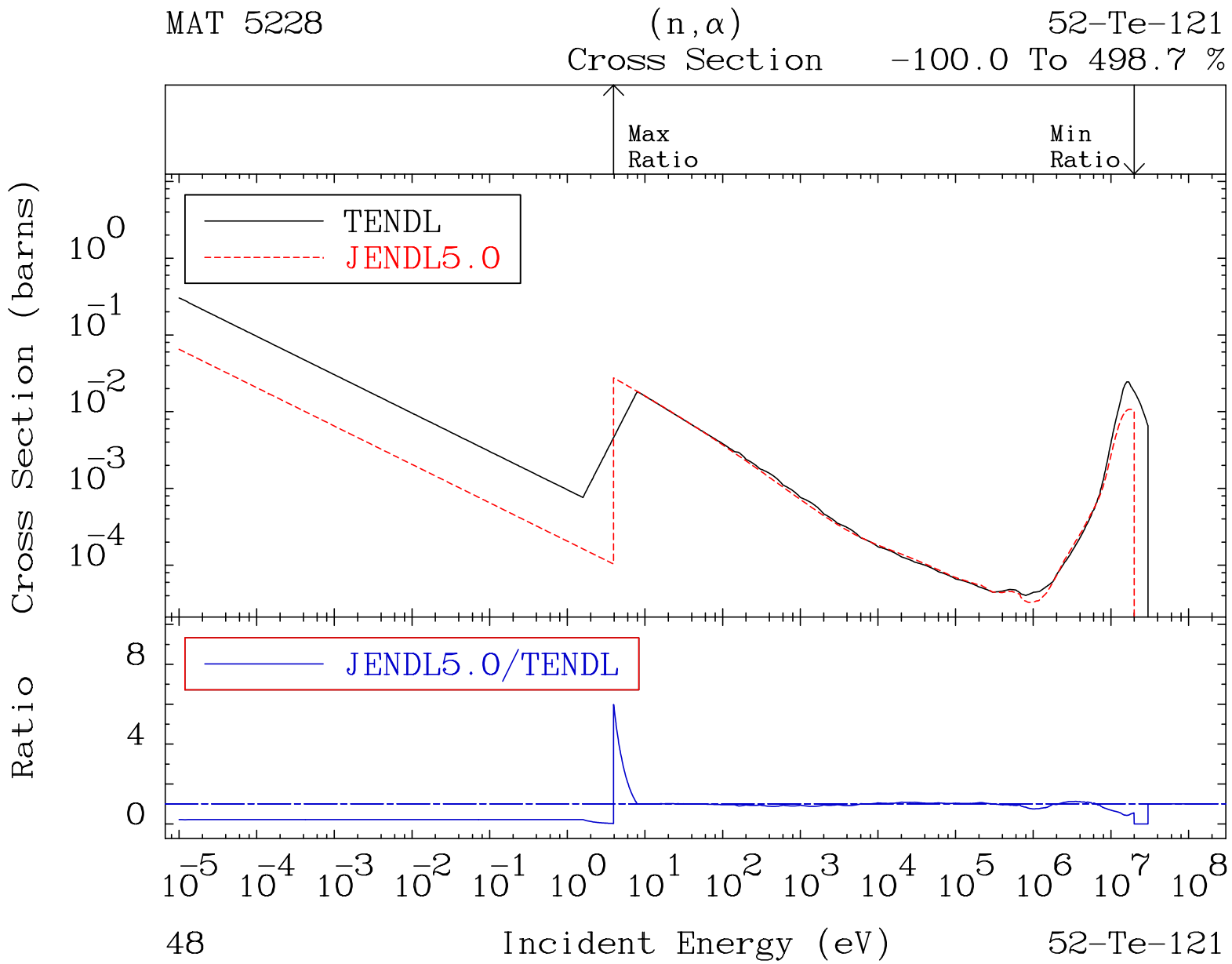

MAT 5228
(n,γ)
Cross Section
52-Te-121
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
10^4
10^2
10^0
10^-2
JENDL5.0/TENDL
Ratio
0.8
0.4
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
43
Incident Energy (eV)
52-Te-121

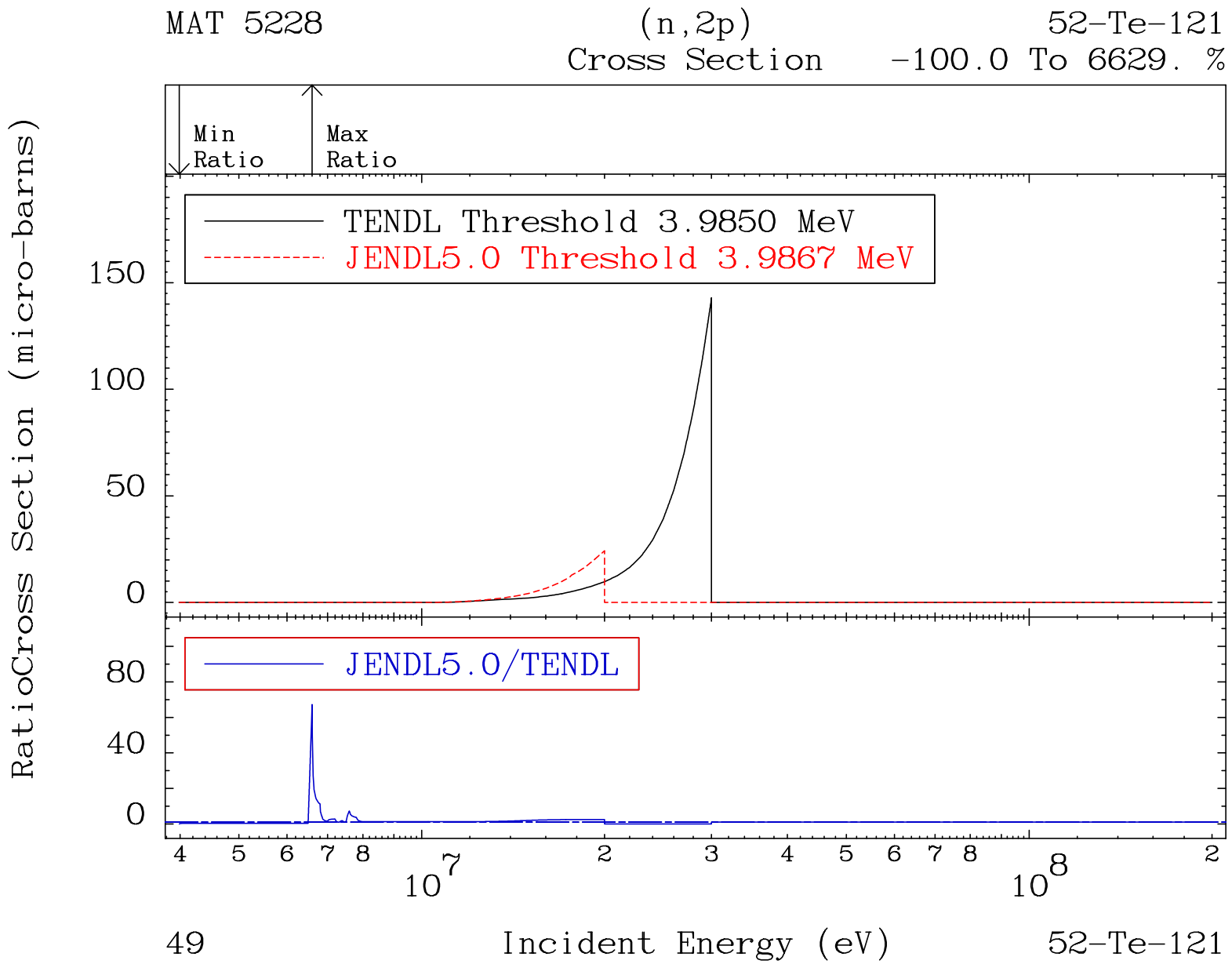

MAT 5228
(n,p)
Cross Section
52-Te-121
-100.0 To 27.92 %
Max
Ratio
TENDL
JENDL5.0
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
JENDL5.0/TENDL
Ratio
1.0
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
44
Incident Energy (eV)
52-Te-121

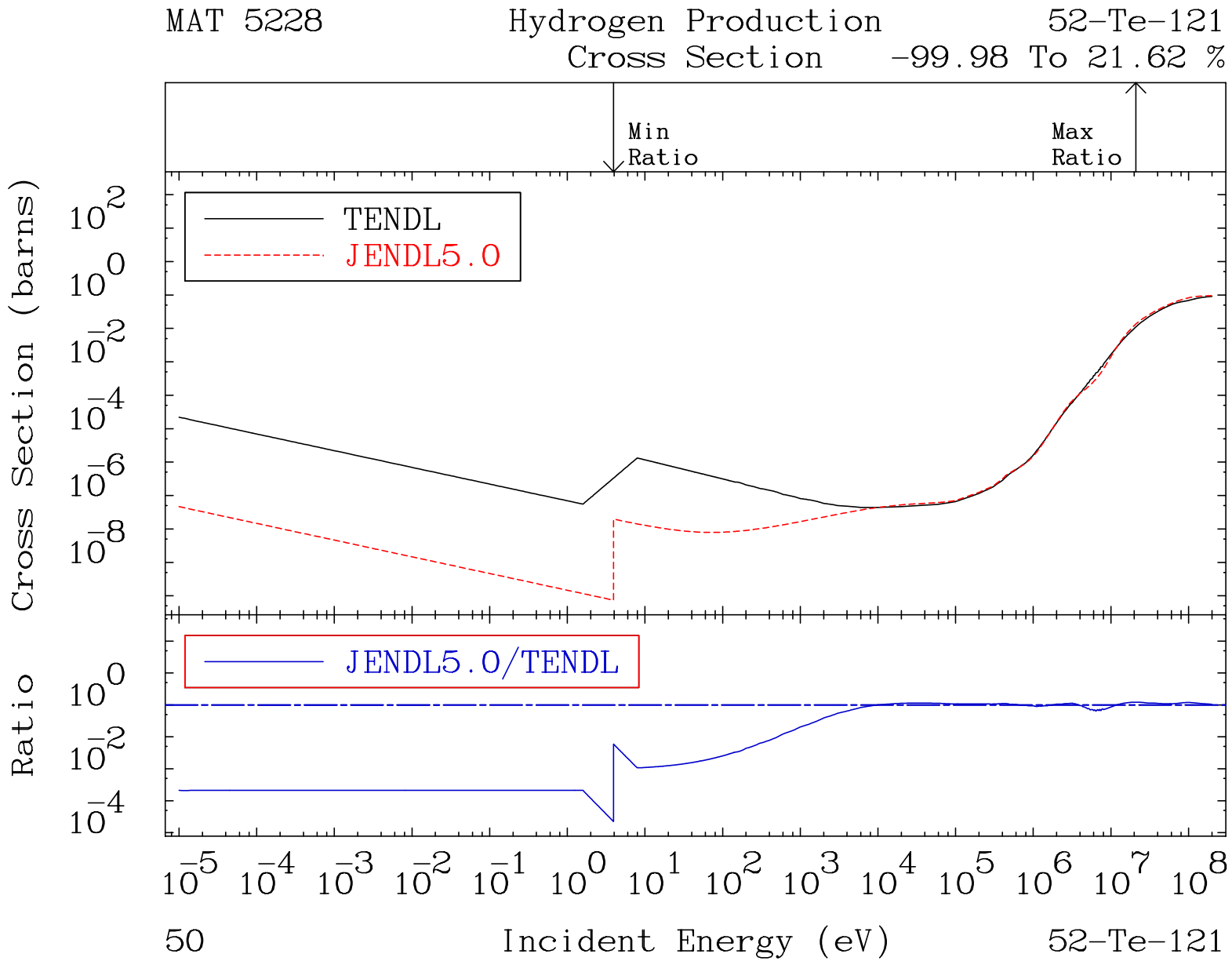

MAT 5228
(n,d)
Cross Section
52-Te-121
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 5.2337 MeV
JENDL5.0 Threshold 5.2355 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
60
40
20
0
5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
45
Incident Energy (eV)
52-Te-121

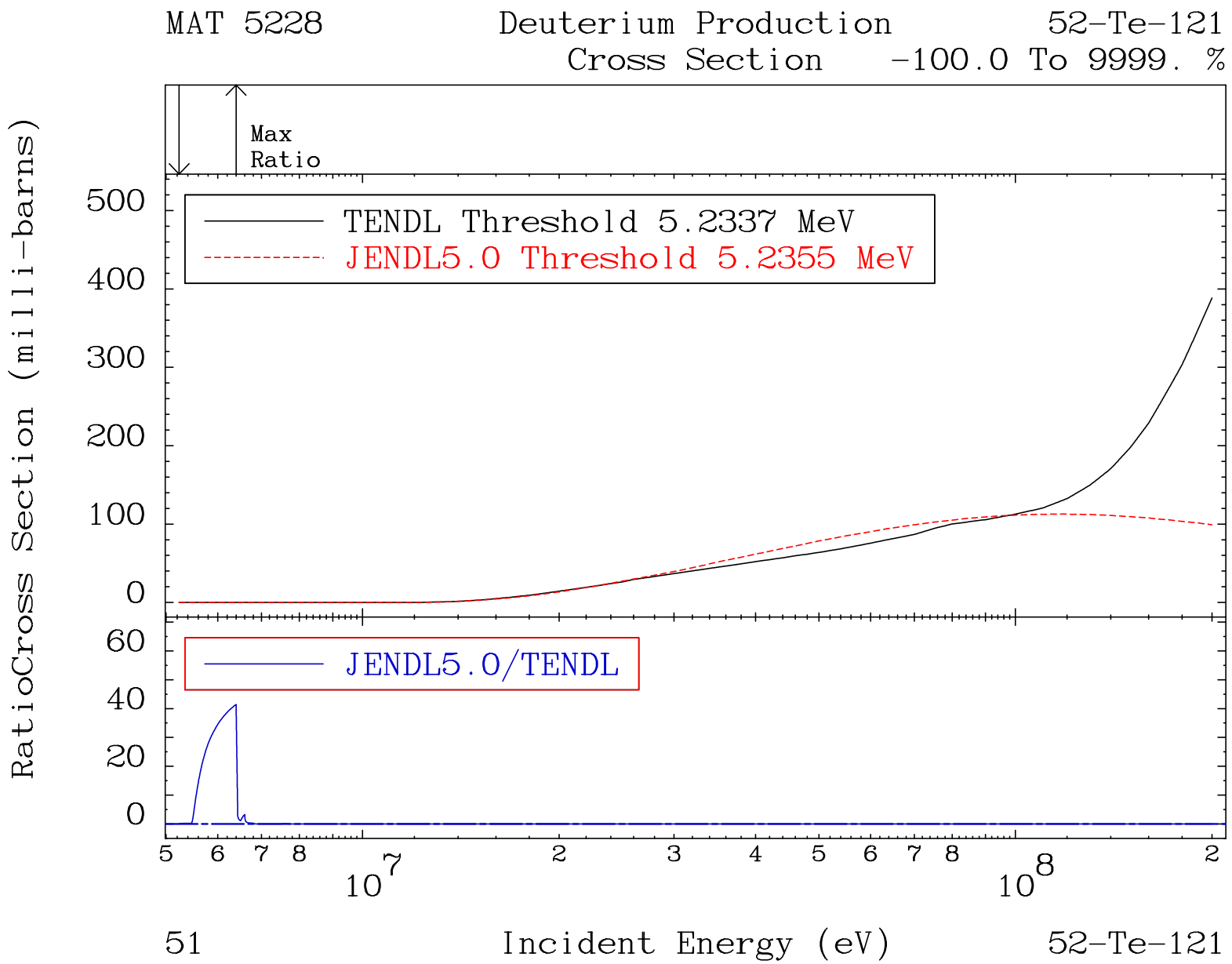

MAT 5228
(n,t)
Cross Section
52-Te-121
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 5.9957 MeV
JENDL5.0 Threshold 5.9995 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
10
8
6
4
2
0
200
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
46
Incident Energy (eV)
52-Te-121

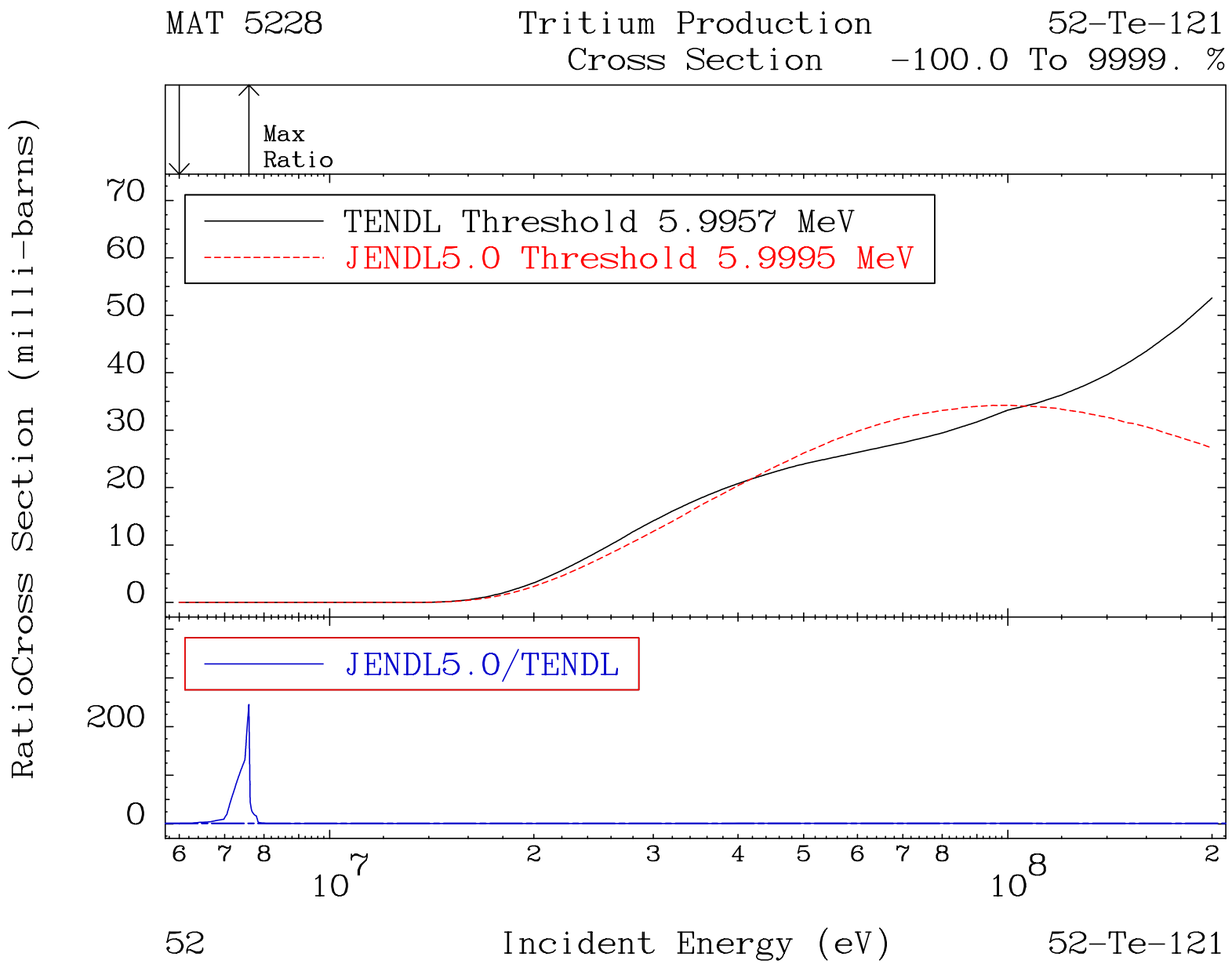

MAT 5228
(n,He-3)
Cross Section
52-Te-121
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 5.3826 MeV
JENDL5.0 Threshold 5.3849 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
100
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
47
Incident Energy (eV)
52-Te-121

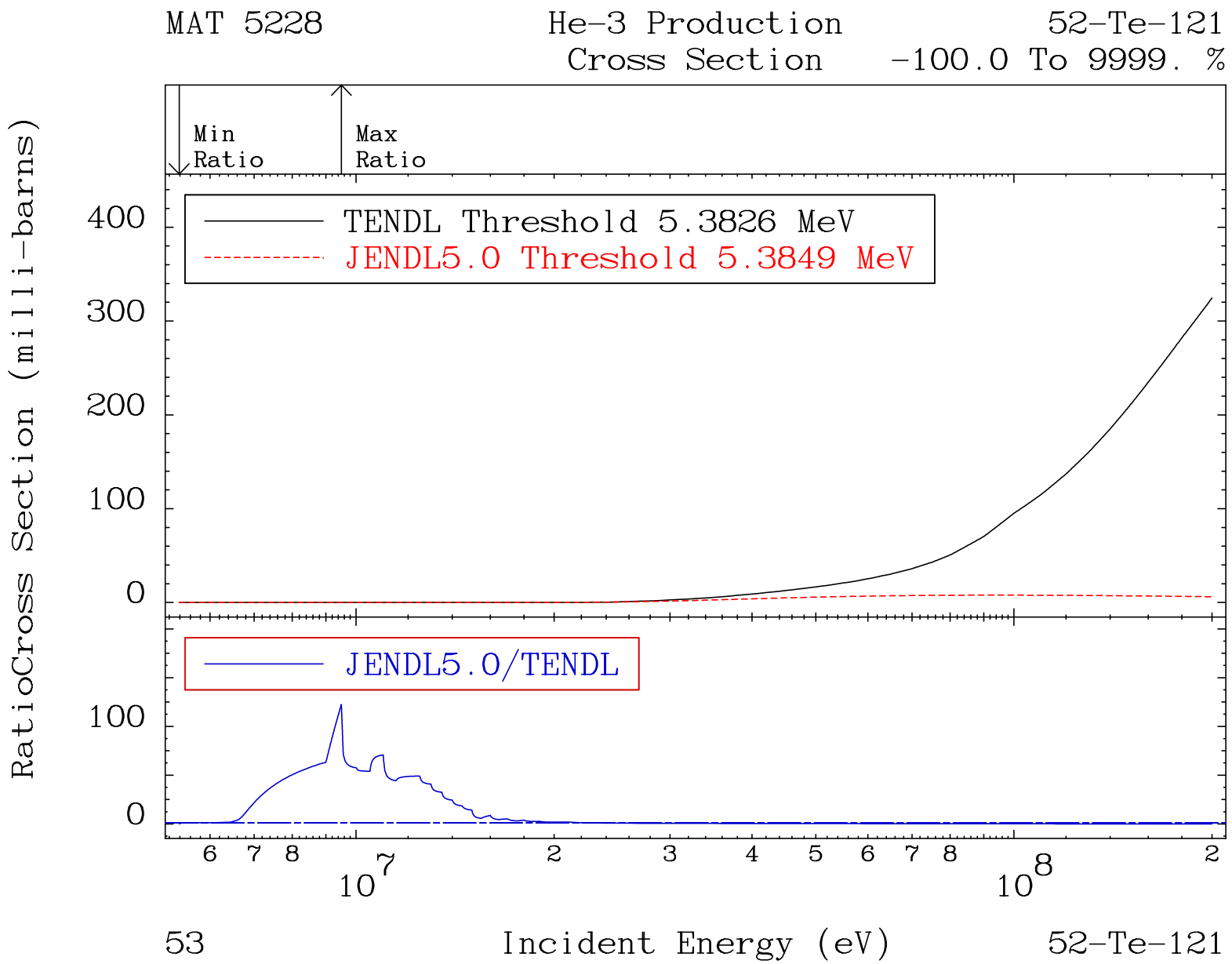

MAT 5228
(n,α)
Cross Section
52-Te-121
-100.0 To 498.7 %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
Cross Section (barns)
10^0
10^-1
10^-2
10^-3
10^-4
JENDL5.0/TENDL
Ratio
8
4
0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
48
Incident Energy (eV)
52-Te-121

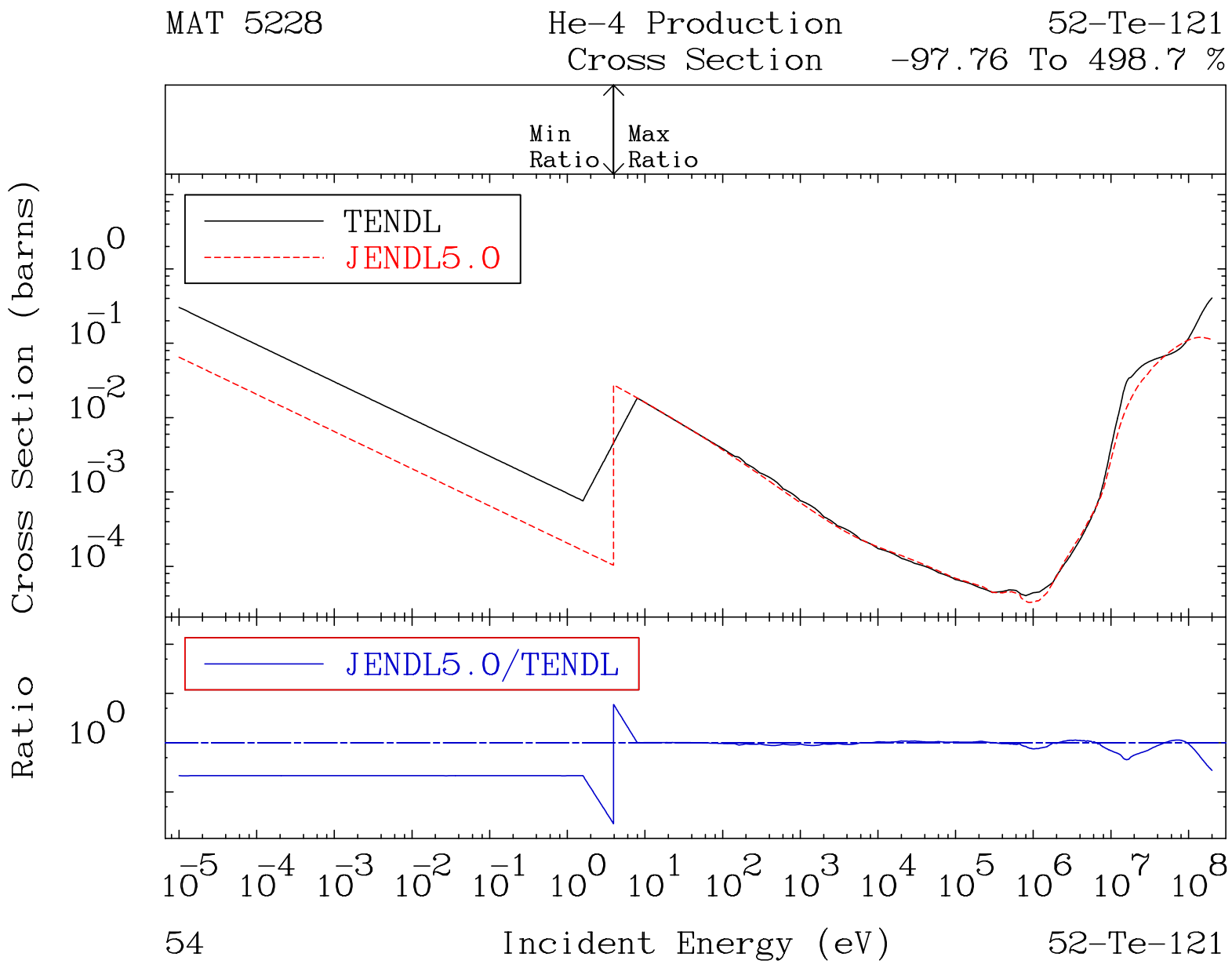

MAT 5228
(n,2p)
52-Te-121
Cross Section
-100.0 To 6629. %
Min Ratio
Max Ratio
TENDL Threshold 3.9850 MeV
JENDL5.0 Threshold 3.9867 MeV
JENDL5.0/TENDL
RatioCross Section (micro-barns)
150
100
50
0
80
40
0
4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
49
Incident Energy (eV)
52-Te-121

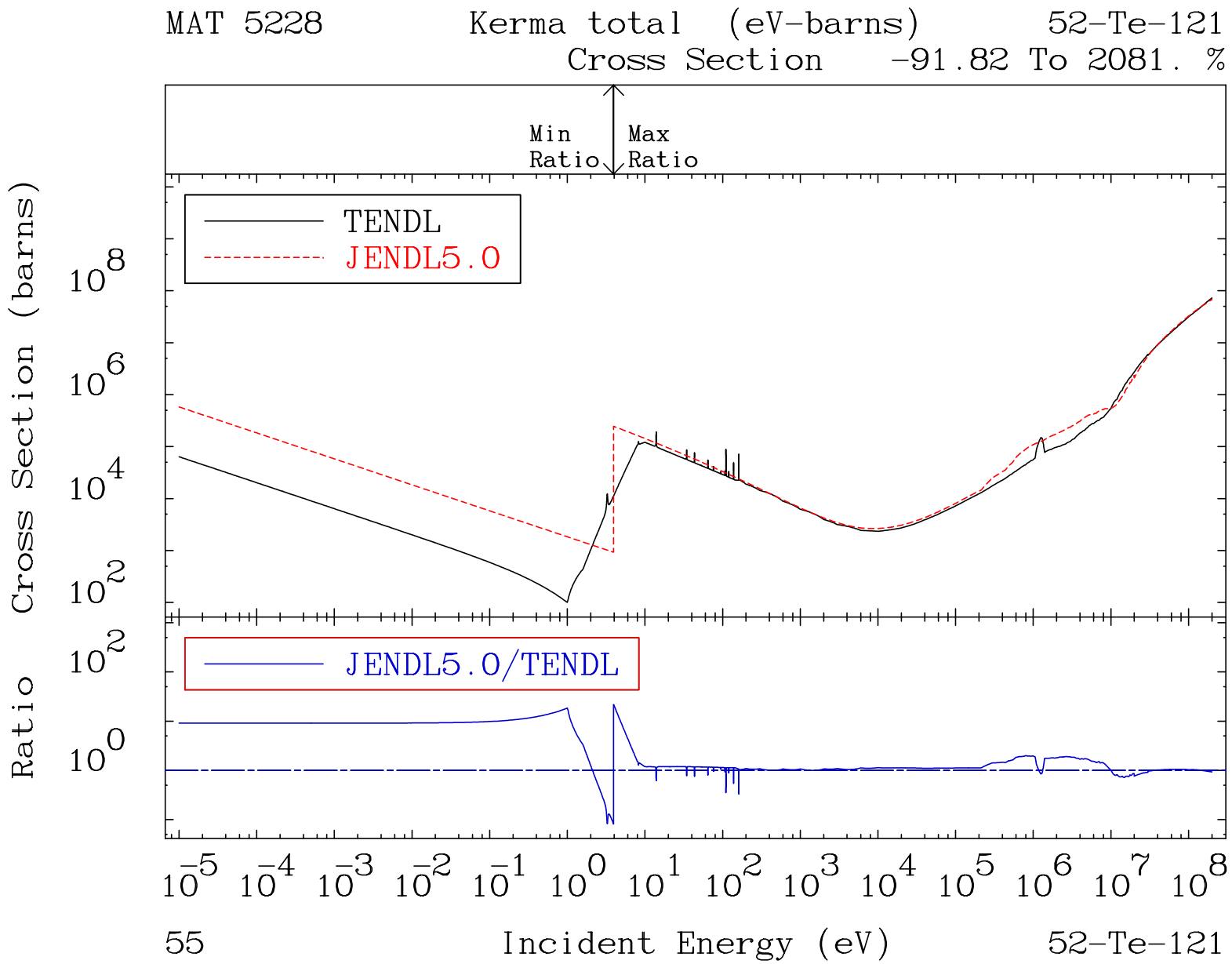

MAT 5228
Hydrogen Production
52-Te-121
Cross Section
-99.98 To 21.62 %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
50
52-Te-121

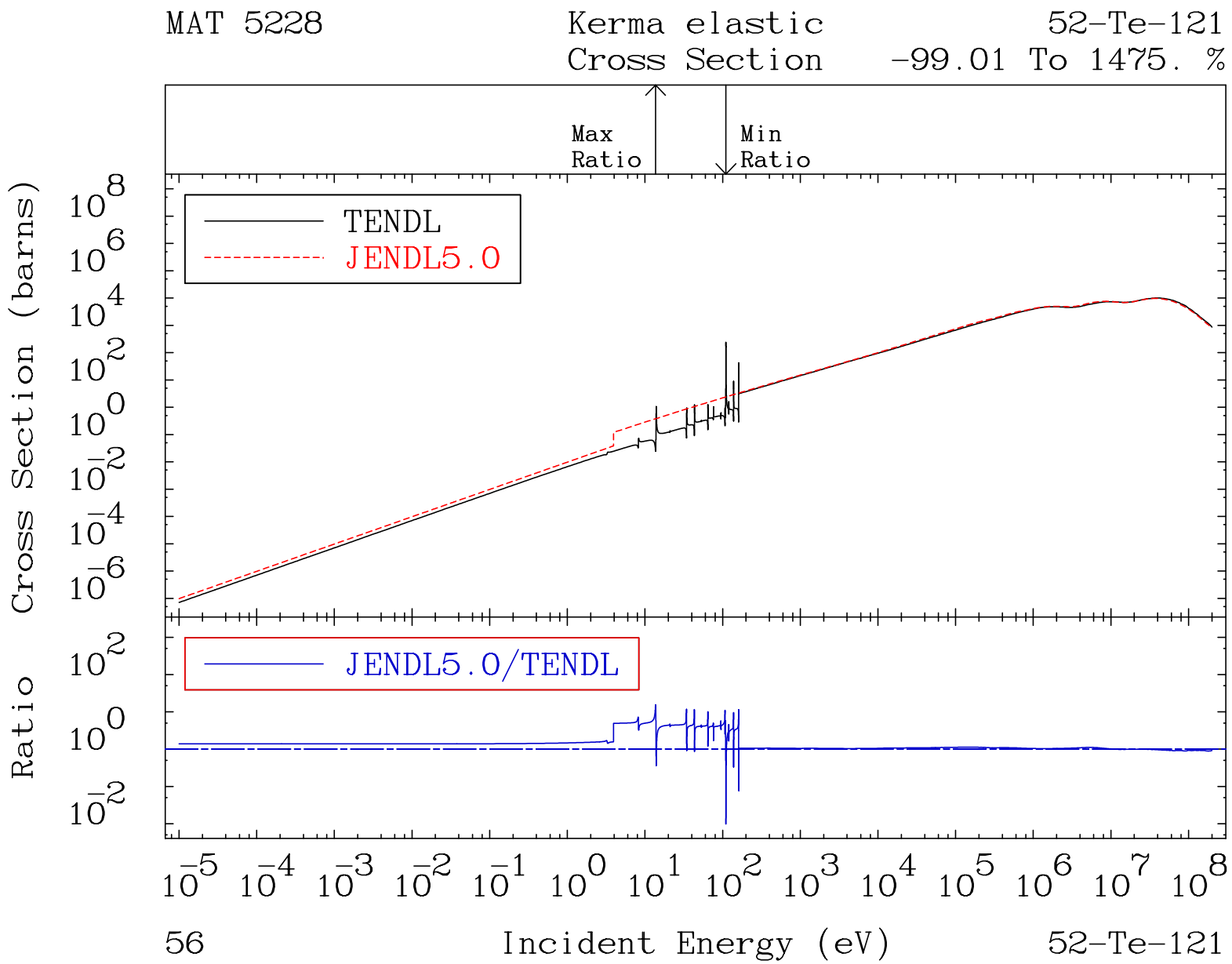

MAT 5228
Deuterium Production
52-Te-121
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 5.2337 MeV
JENDL5.0 Threshold 5.2355 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
60
40
20
0
5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
51
Incident Energy (eV)
52-Te-121

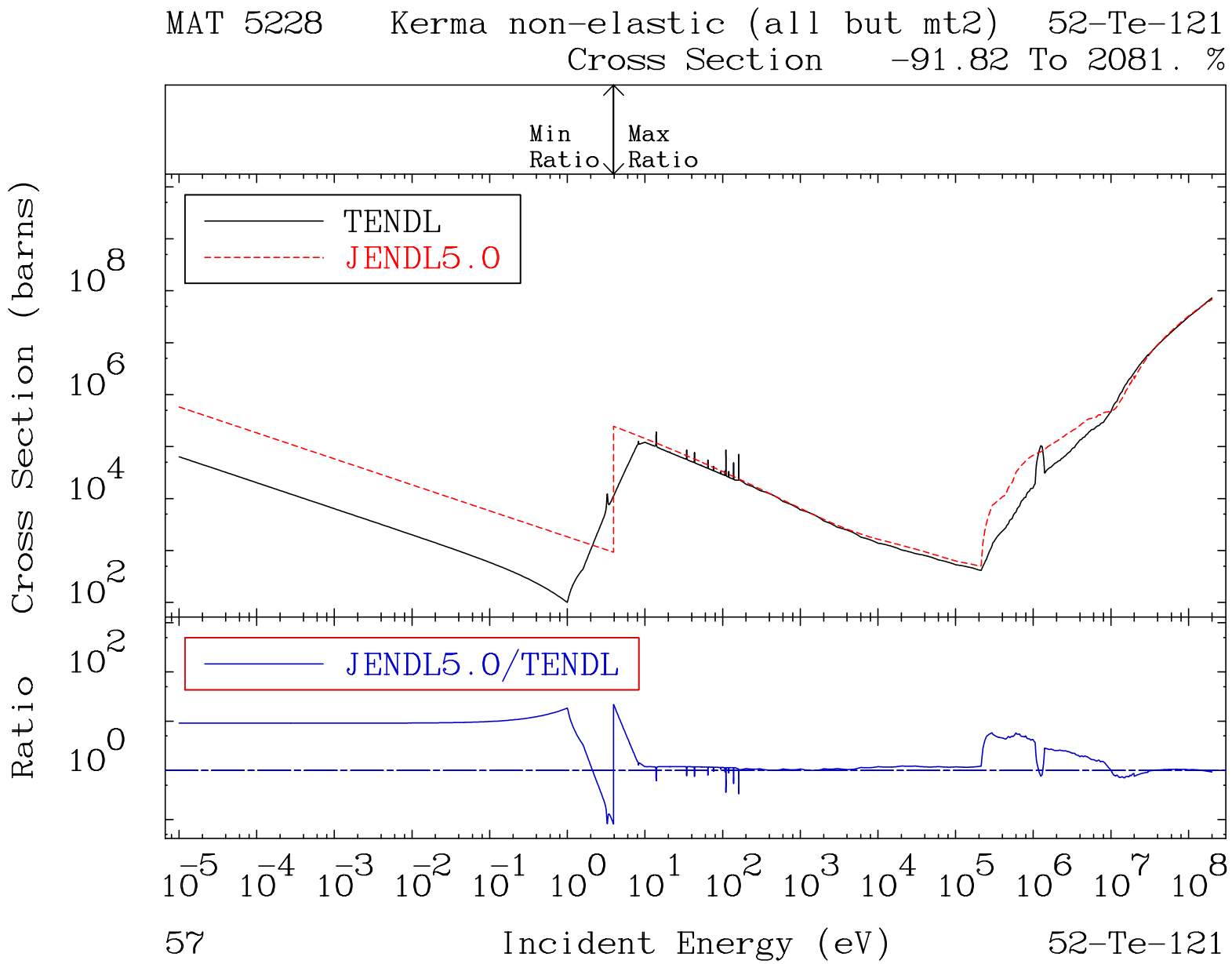

MAT 5228
Tritium Production
52-Te-121
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 5.9957 MeV
JENDL5.0 Threshold 5.9995 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
70
60
50
40
30
20
10
0
200
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
52
Incident Energy (eV)
52-Te-121

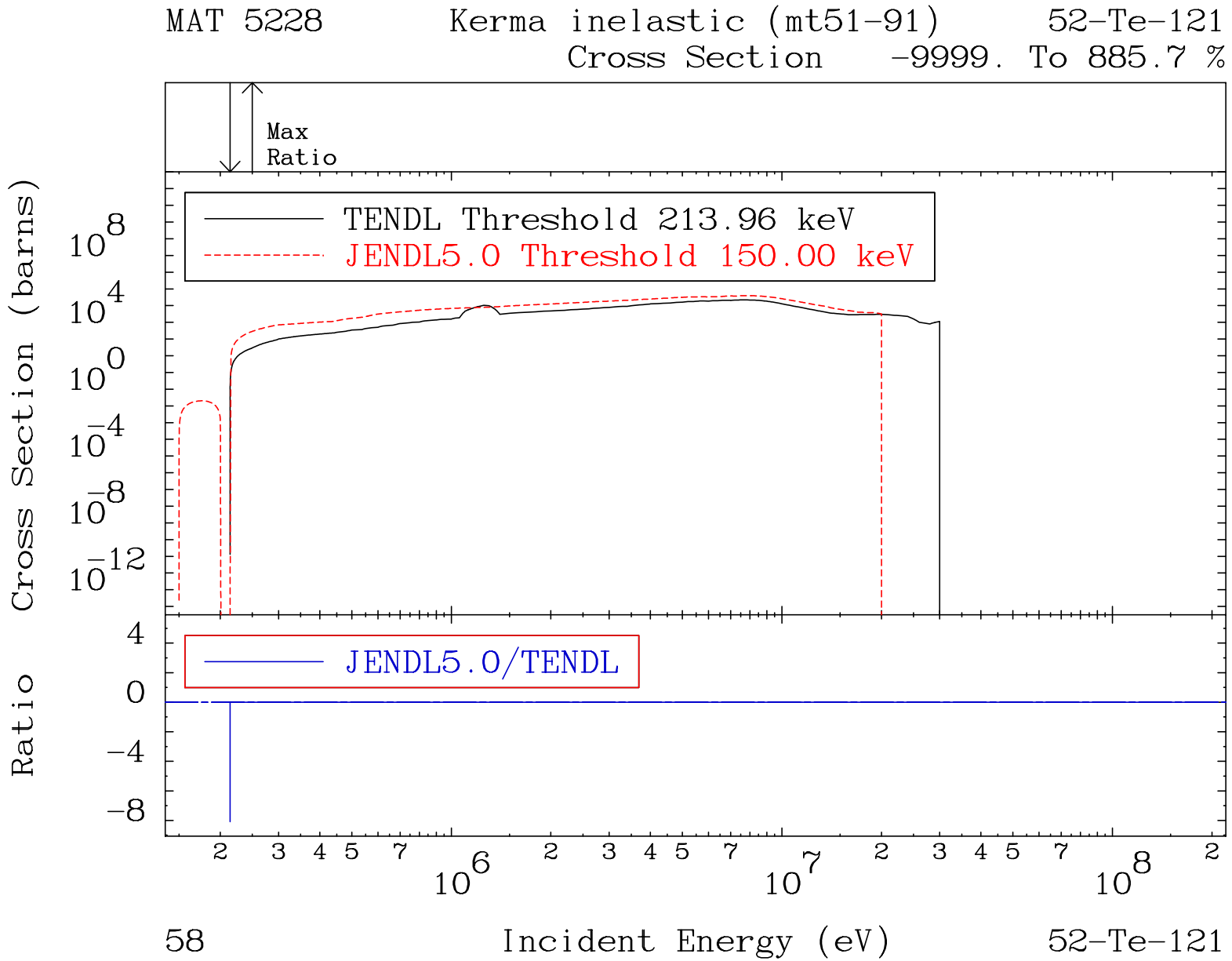

MAT 5228
He-3 Production
Cross Section
52-Te-121
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 5.3826 MeV
JENDL5.0 Threshold 5.3849 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
100
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
53
Incident Energy (eV)
52-Te-121

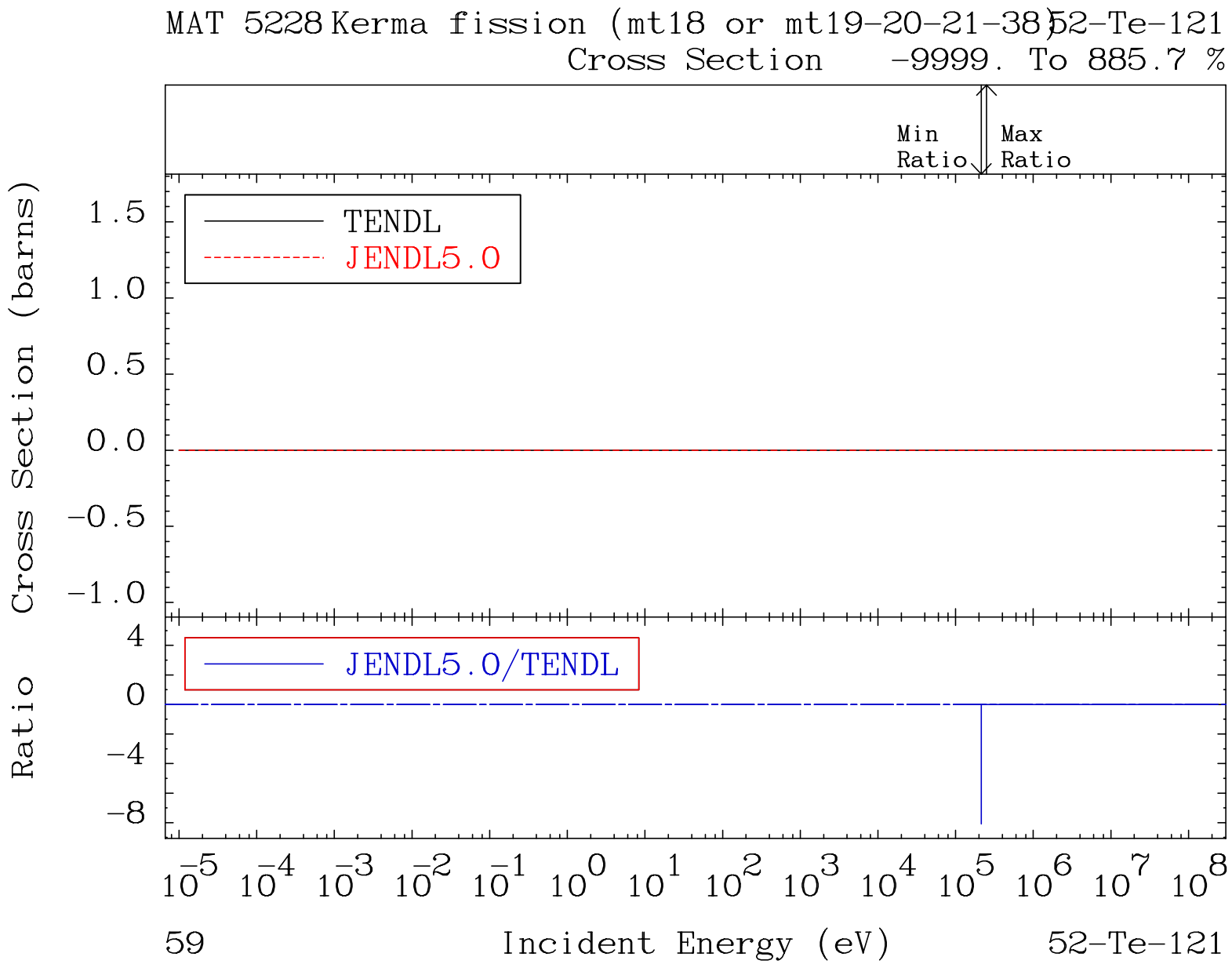

MAT 5228
He-4 Production
Cross Section
52-Te-121
-97.76 To 498.7 %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
54
52-Te-121

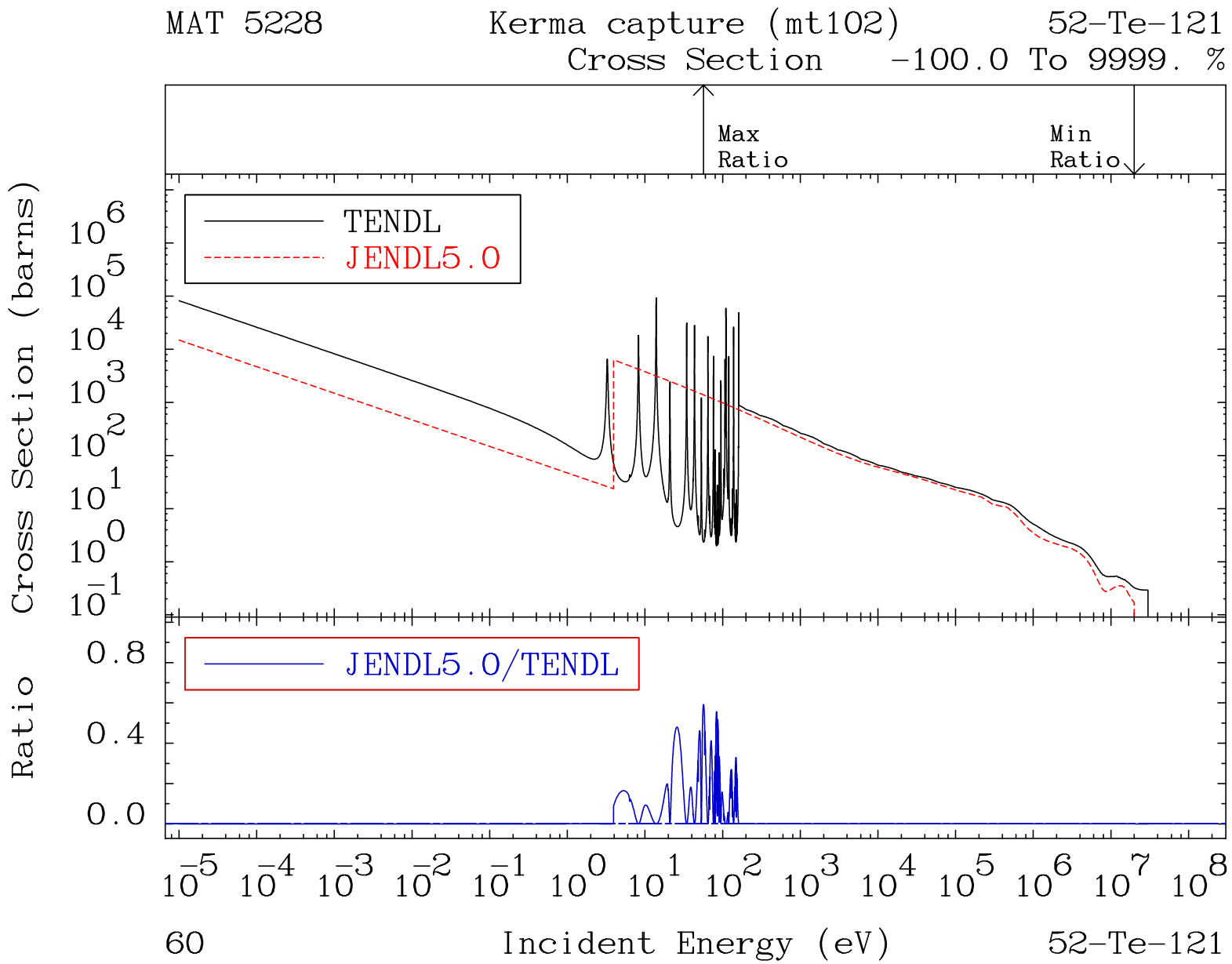

MAT 5228
Kerma total (eV-barns)
52-Te-121
Cross Section -91.82 To 2081. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
55
52-Te-121

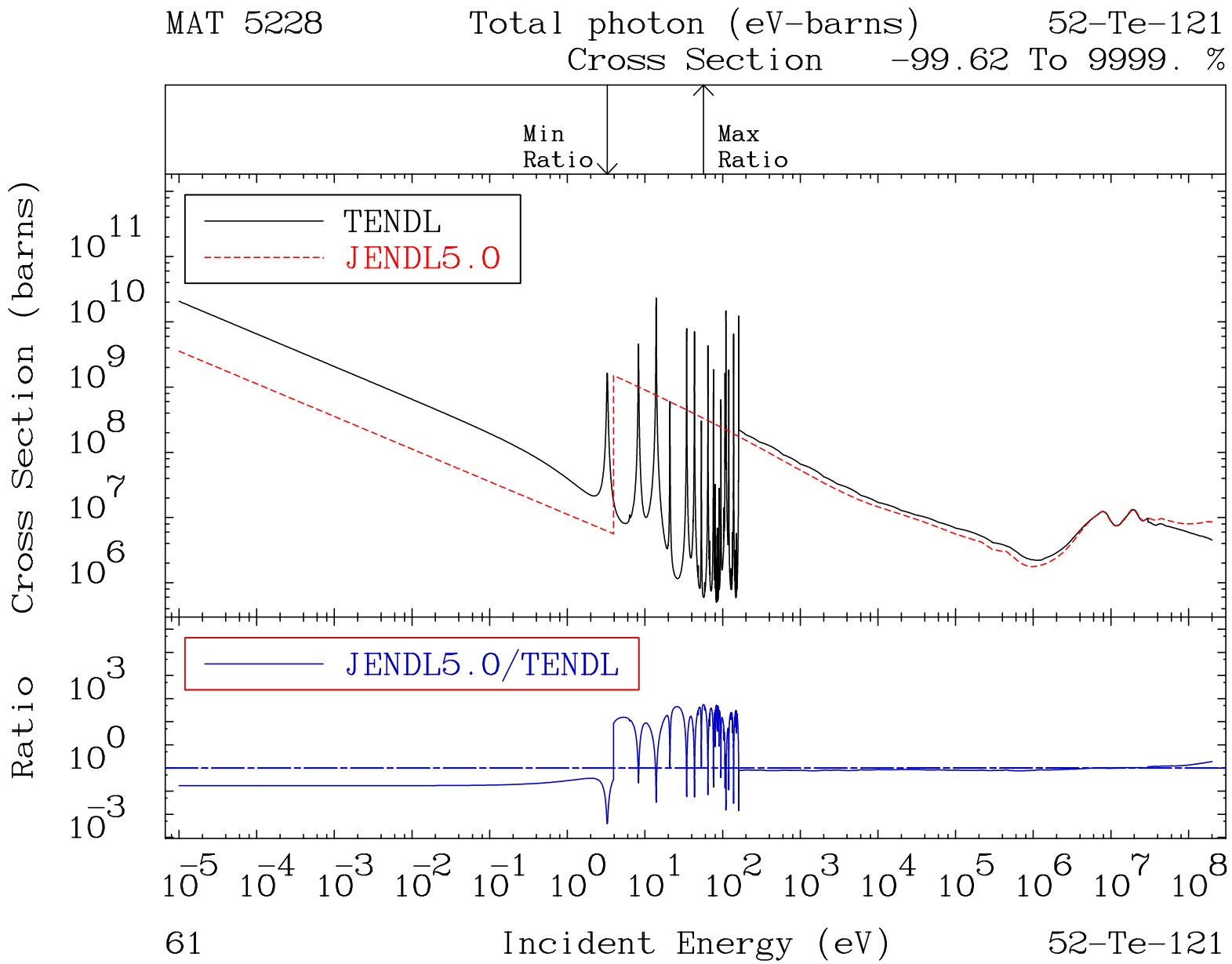

MAT 5228
Kerma elastic
Cross Section
52-Te-121
-99.01 To 1475. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
56
52-Te-121

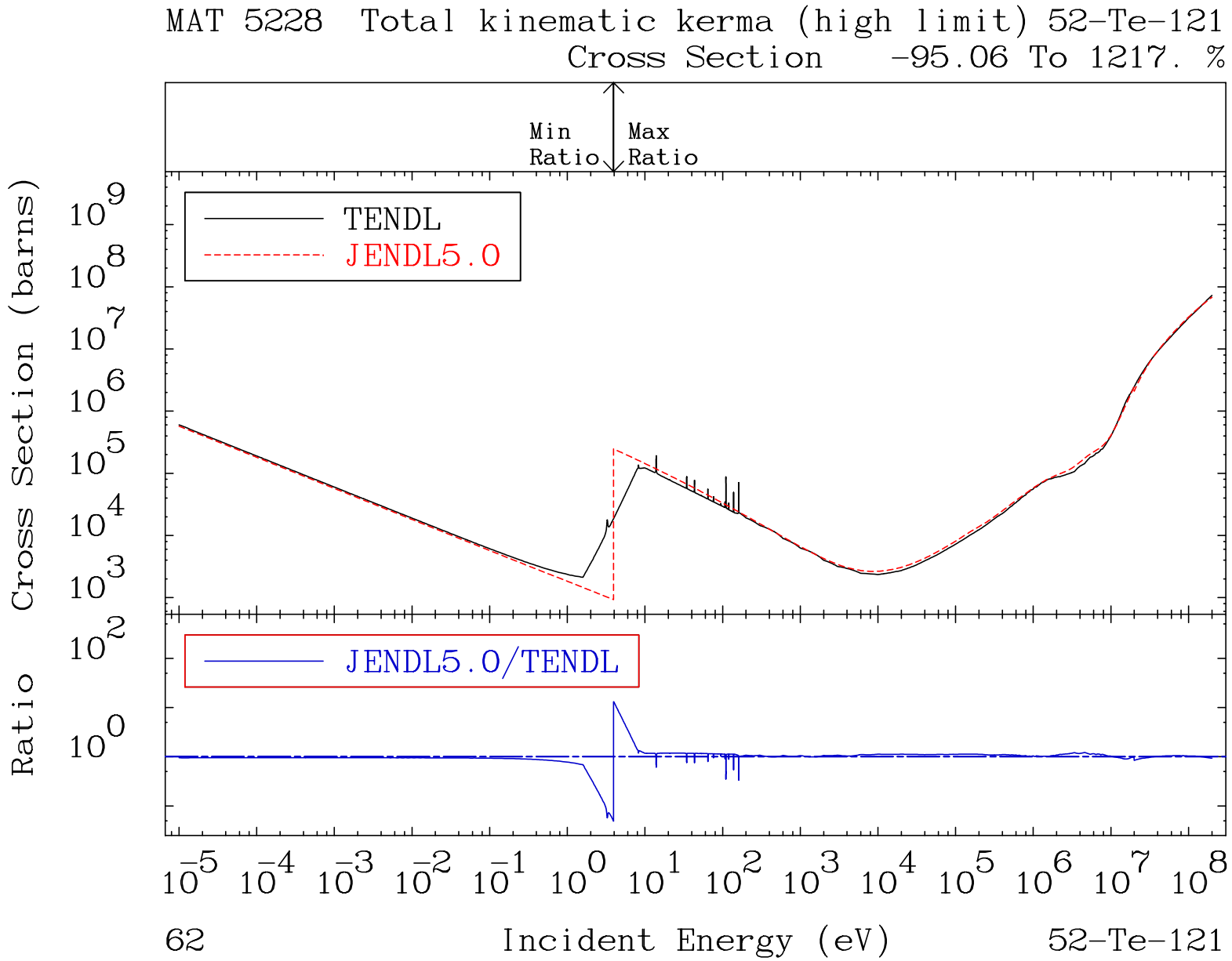

MAT 5228 Kerma non-elastic (all but mt2) 52-Te-121
Cross Section -91.82 To 2081. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
57
52-Te-121

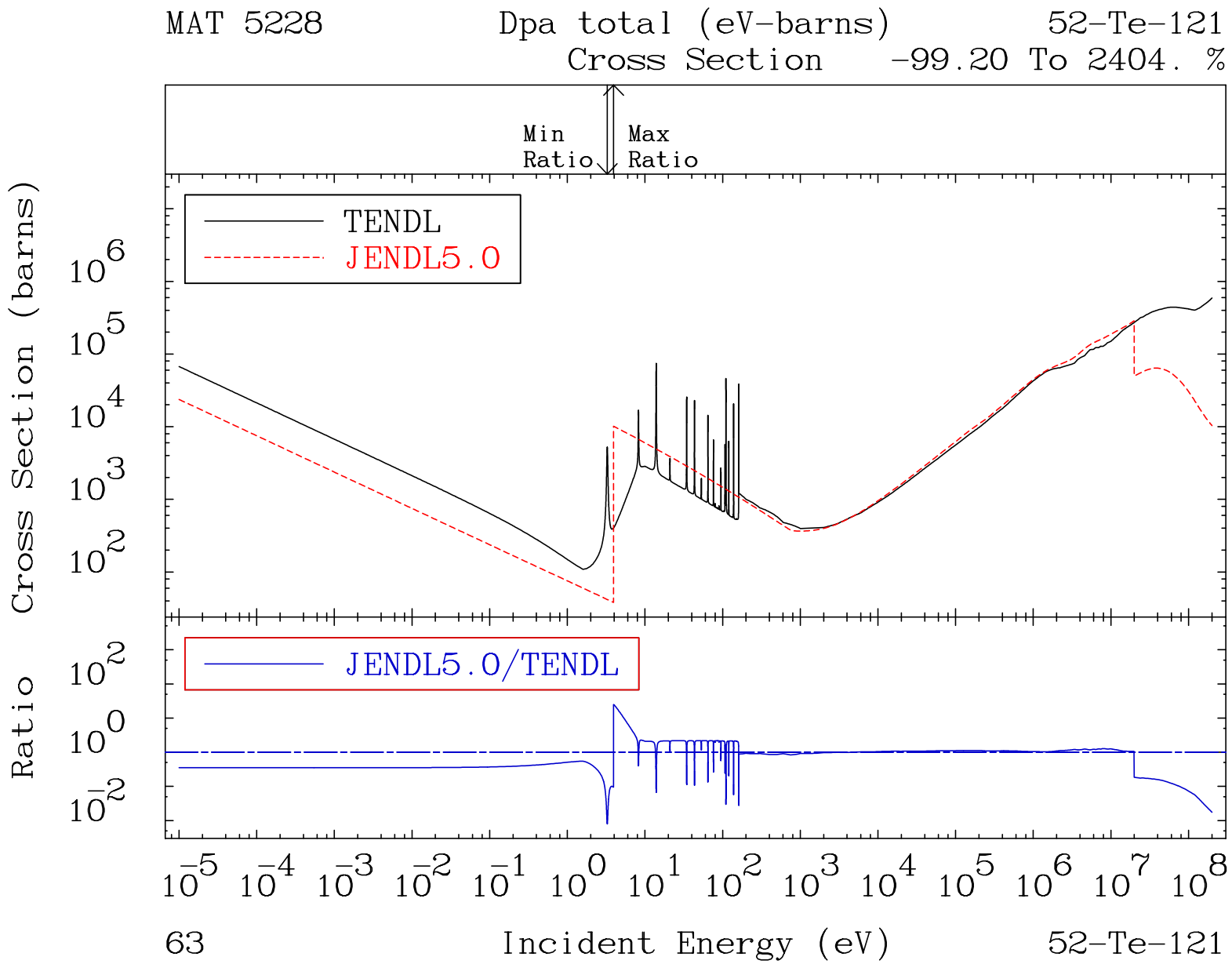

MAT 5228
Kerma inelastic (mt51-91)
52-Te-121
Cross Section -9999. To 885.7 %
Max
Ratio
TENDL Threshold 213.96 keV
JENDL5.0 Threshold 150.00 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
58
52-Te-121

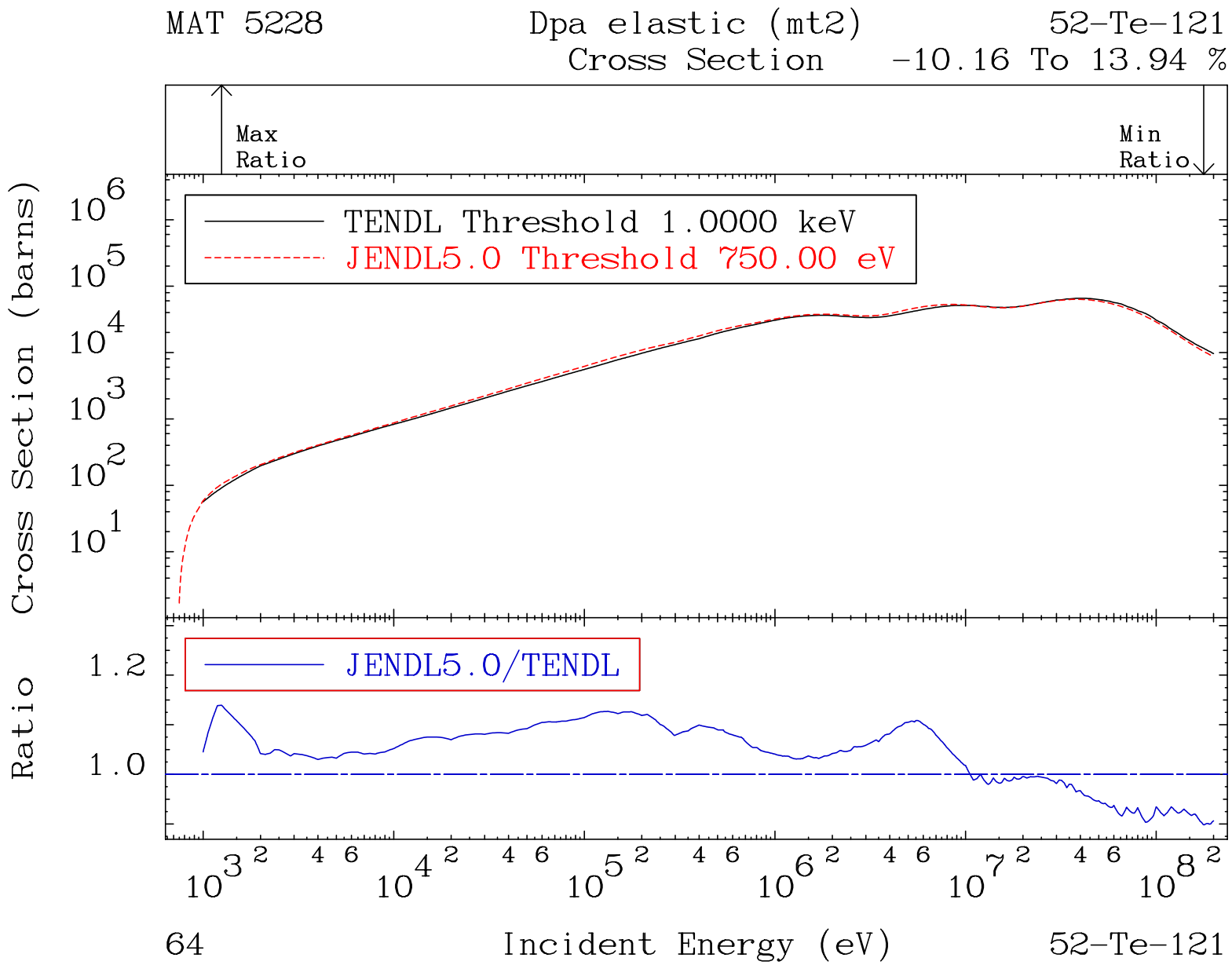

MAT 5228 Kerma fission (mt18 or mt19-20-21-38) 52-Te-121
Cross Section -9999. To 885.7 %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
4
0
-4
-8
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
59
Incident Energy (eV)
52-Te-121

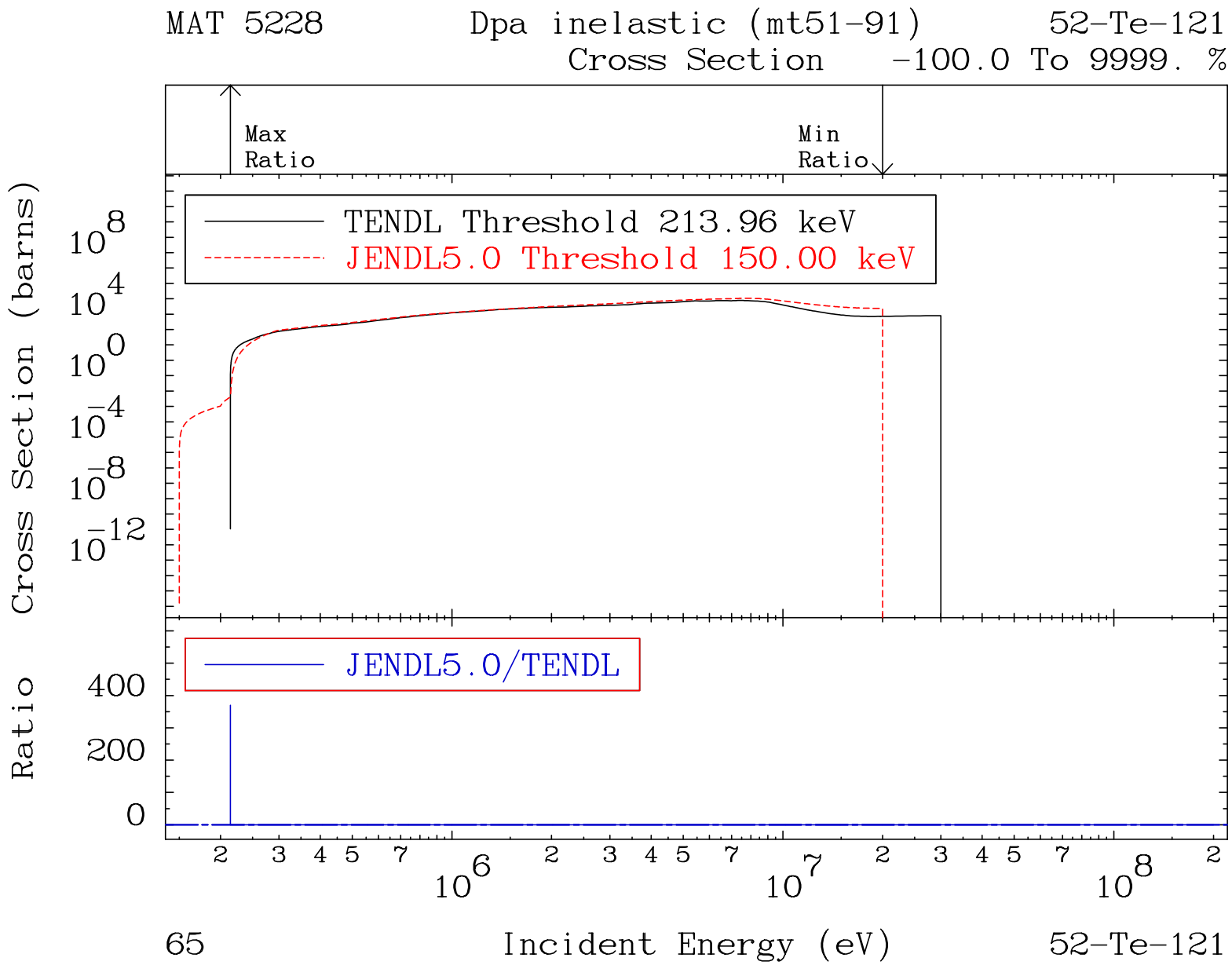

MAT 5228
Kerma capture (mt102)
52-Te-121
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
60
52-Te-121

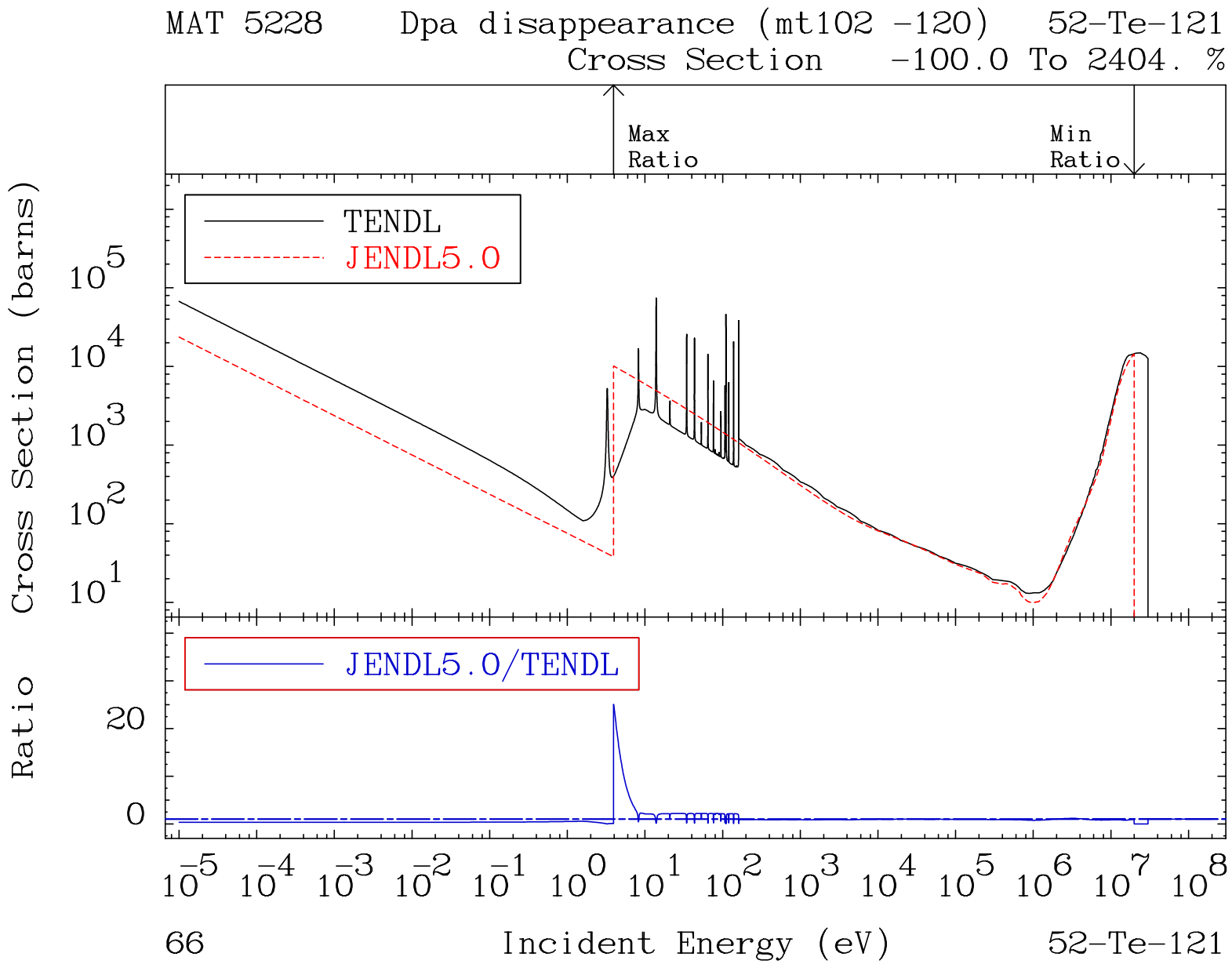

MAT 5228
Total photon (eV-barns)
52-Te-121
Cross Section -99.62 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
61
52-Te-121

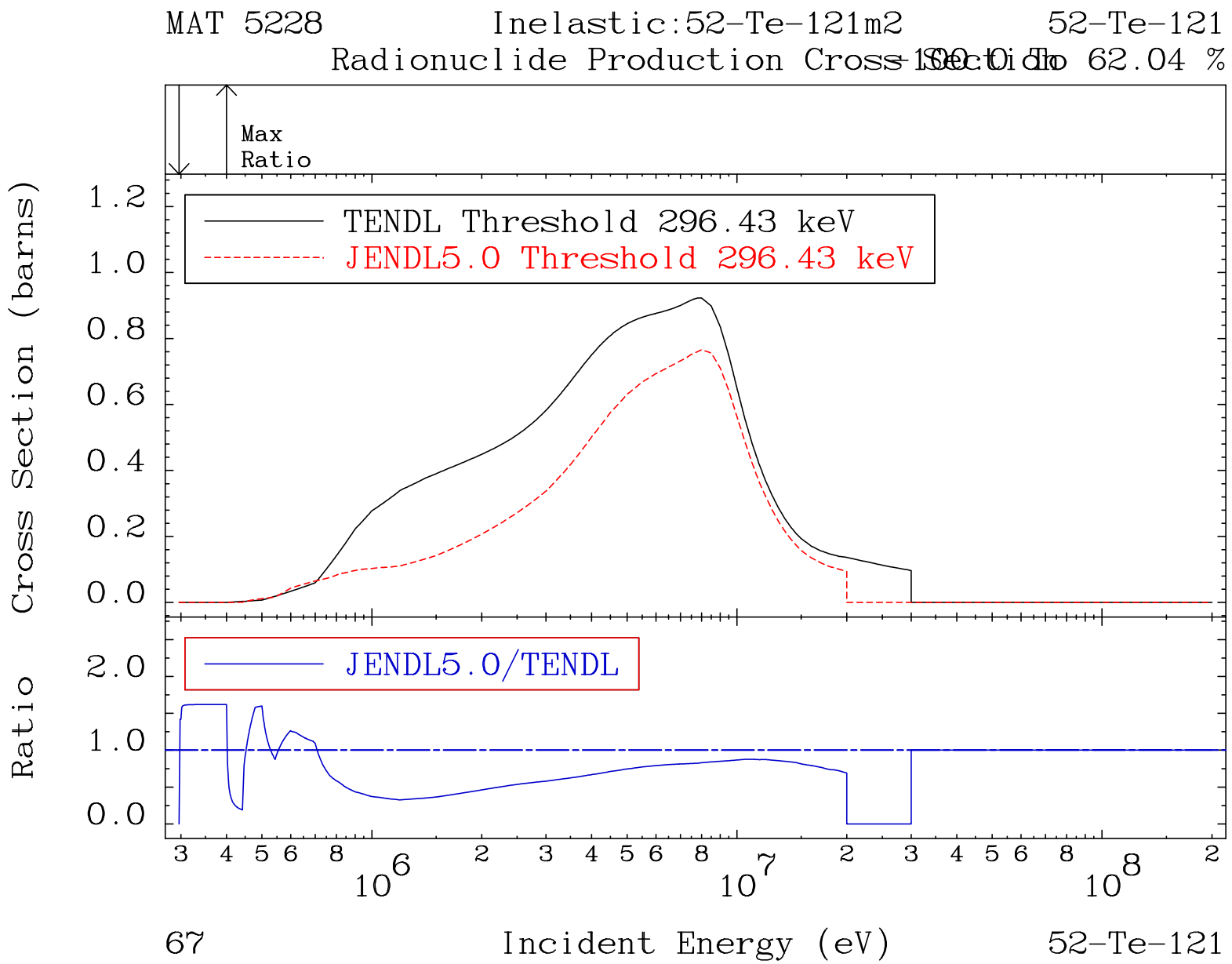

MAT 5228 Total kinematic kerma (high limit) 52-Te-121
Cross Section -95.06 To 1217. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
62
52-Te-121

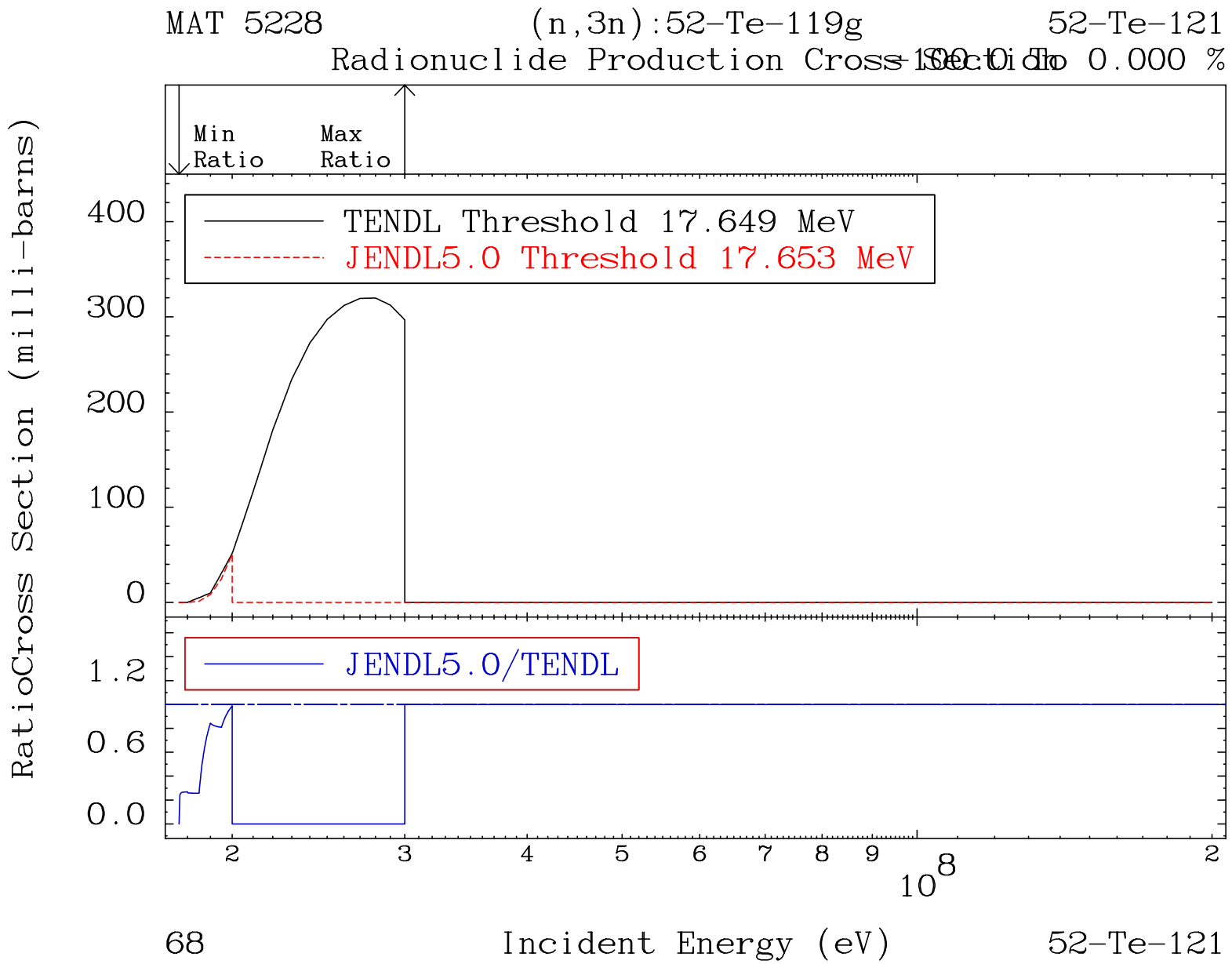

MAT 5228
Dpa total (eV-barns)
52-Te-121
Cross Section -99.20 To 2404. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
63
52-Te-121

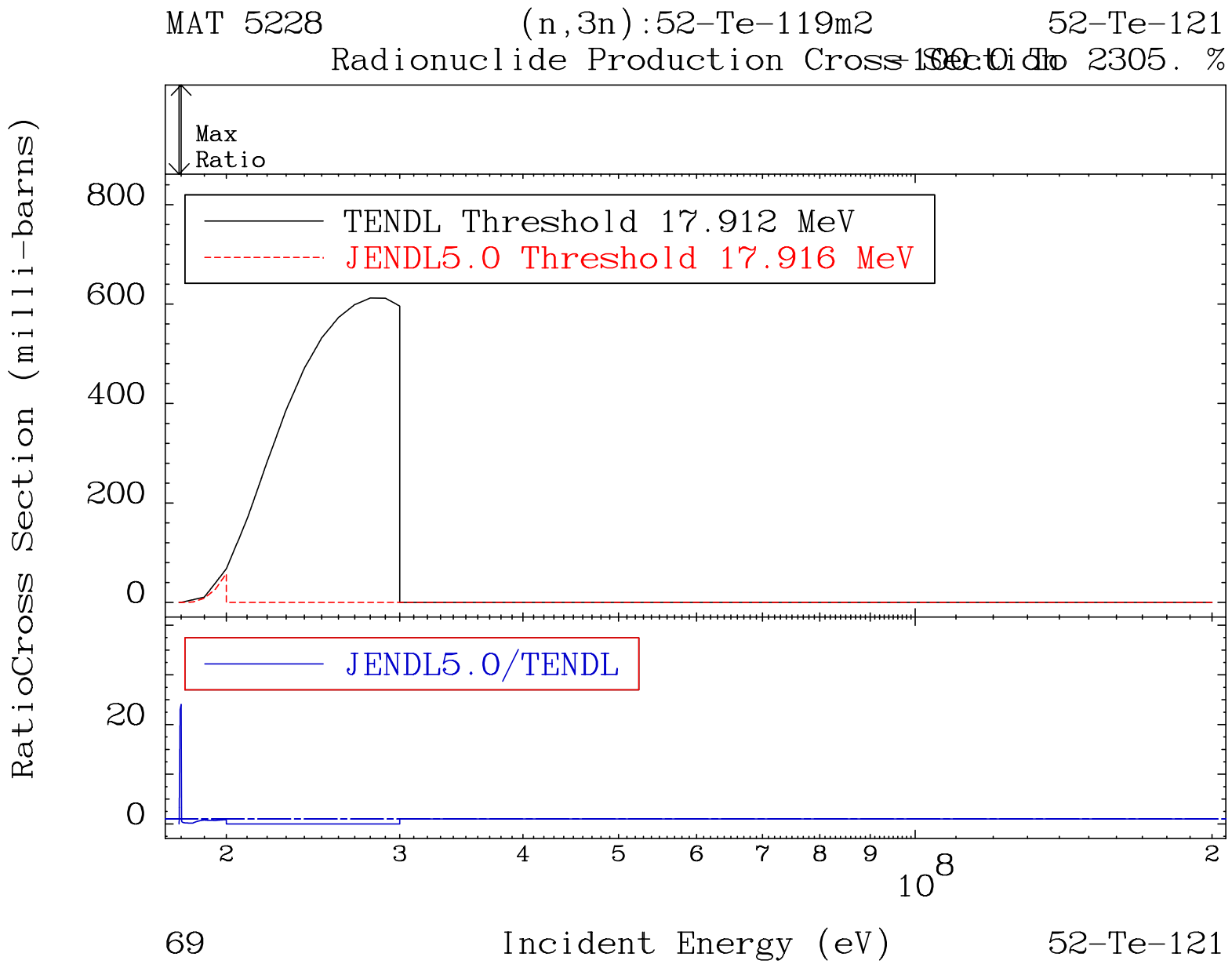

MAT 5228
Dpa elastic (mt2)
Cross Section
52-Te-121
-10.16 To 13.94 %
Max Ratio
Min Ratio
TENDL Threshold 1.0000 keV
JENDL5.0 Threshold 750.00 eV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
64
52-Te-121

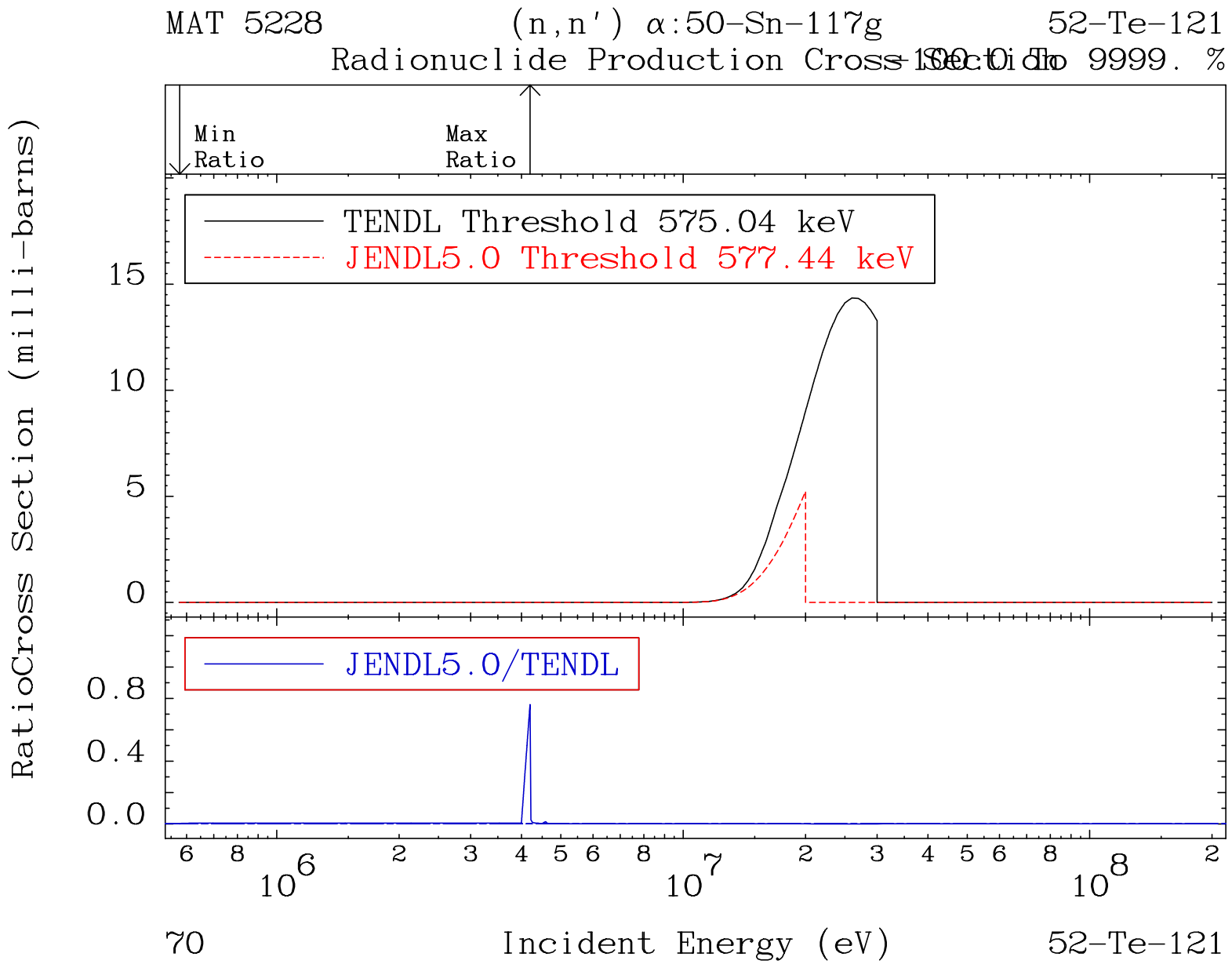

MAT 5228
Dpa inelastic (mt51-91)
52-Te-121
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 213.96 keV
JENDL5.0 Threshold 150.00 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
65
52-Te-121

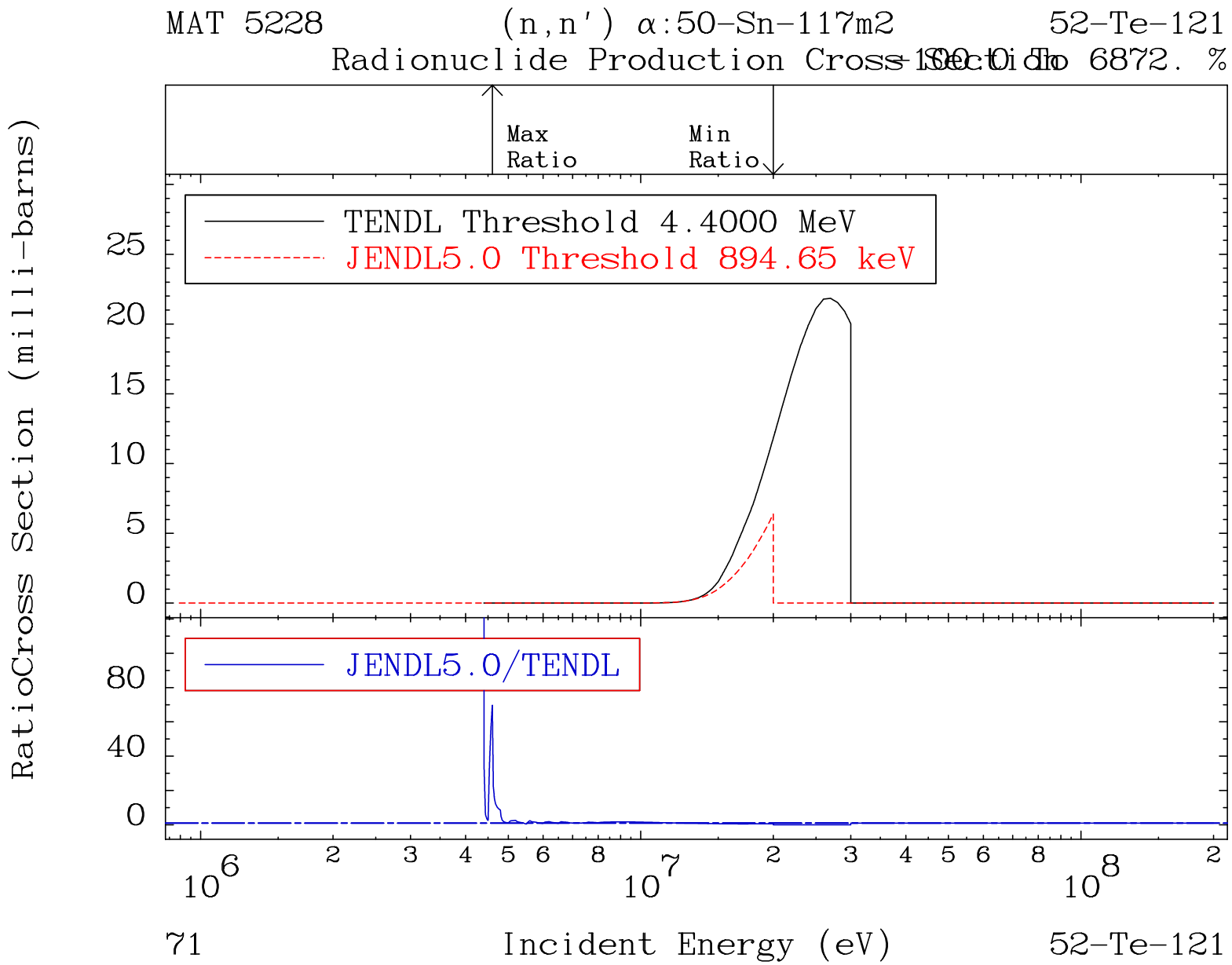

MAT 5228 Dpa disappearance (mt102 -120) 52-Te-121
Cross Section -100.0 To 2404. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
66
52-Te-121

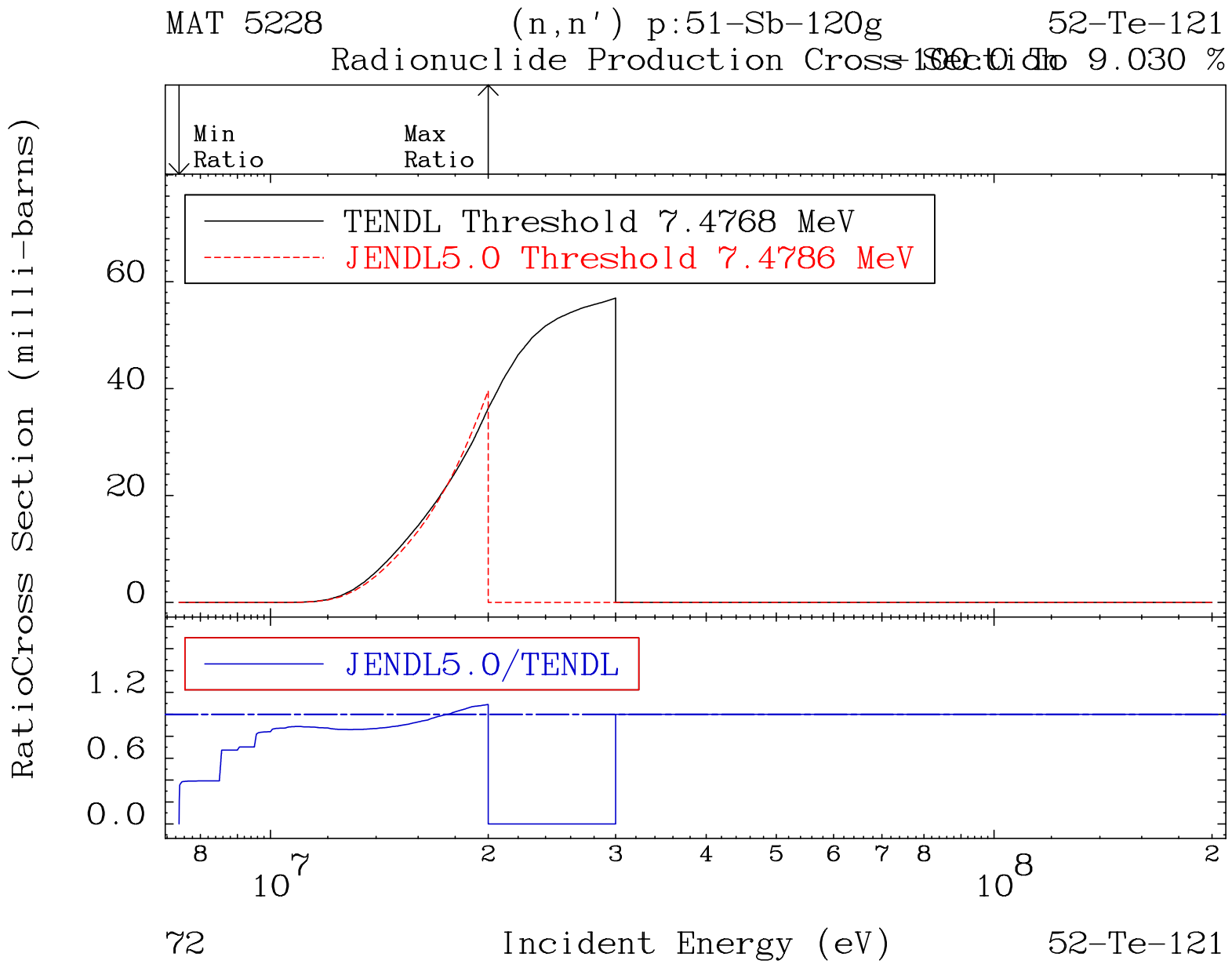

MAT 5228
Inelastic:52-Te-121m2
52-Te-121
Radionuclide Production Cross Section To 62.04 %
Max
Ratio
TENDL Threshold 296.43 keV
JENDL5.0 Threshold 296.43 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2.0
1.0
0.0
3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
67
Incident Energy (eV)
52-Te-121

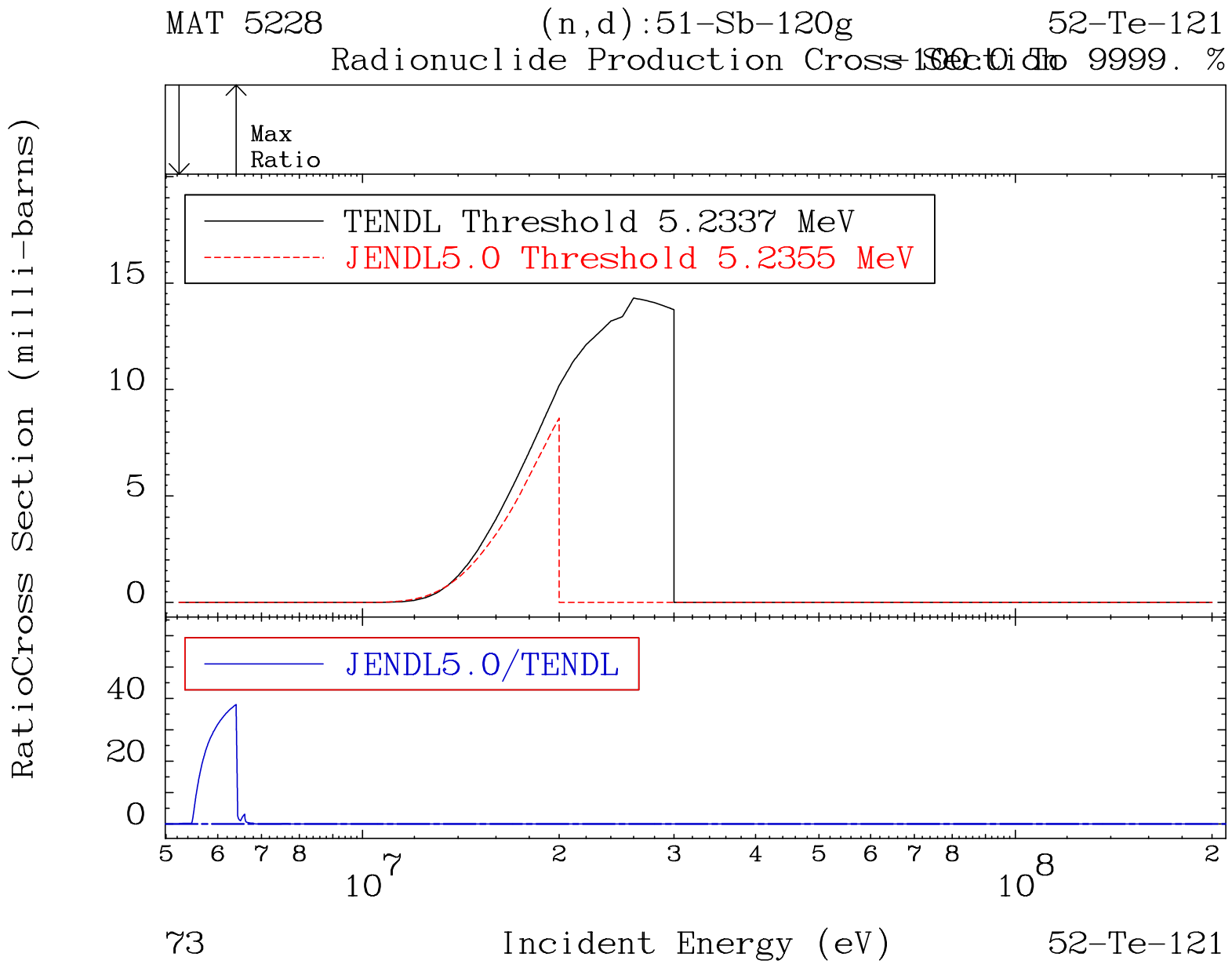

MAT 5228
(n,3n):52-Te-119g
52-Te-121
Radionuclide Production Cross Section
Uncertainty 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 17.649 MeV
JENDL5.0 Threshold 17.653 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
1.2
0.6
0.0
2
3
4
5
6
7
8
9
2
10^8
68
Incident Energy (eV)
52-Te-121

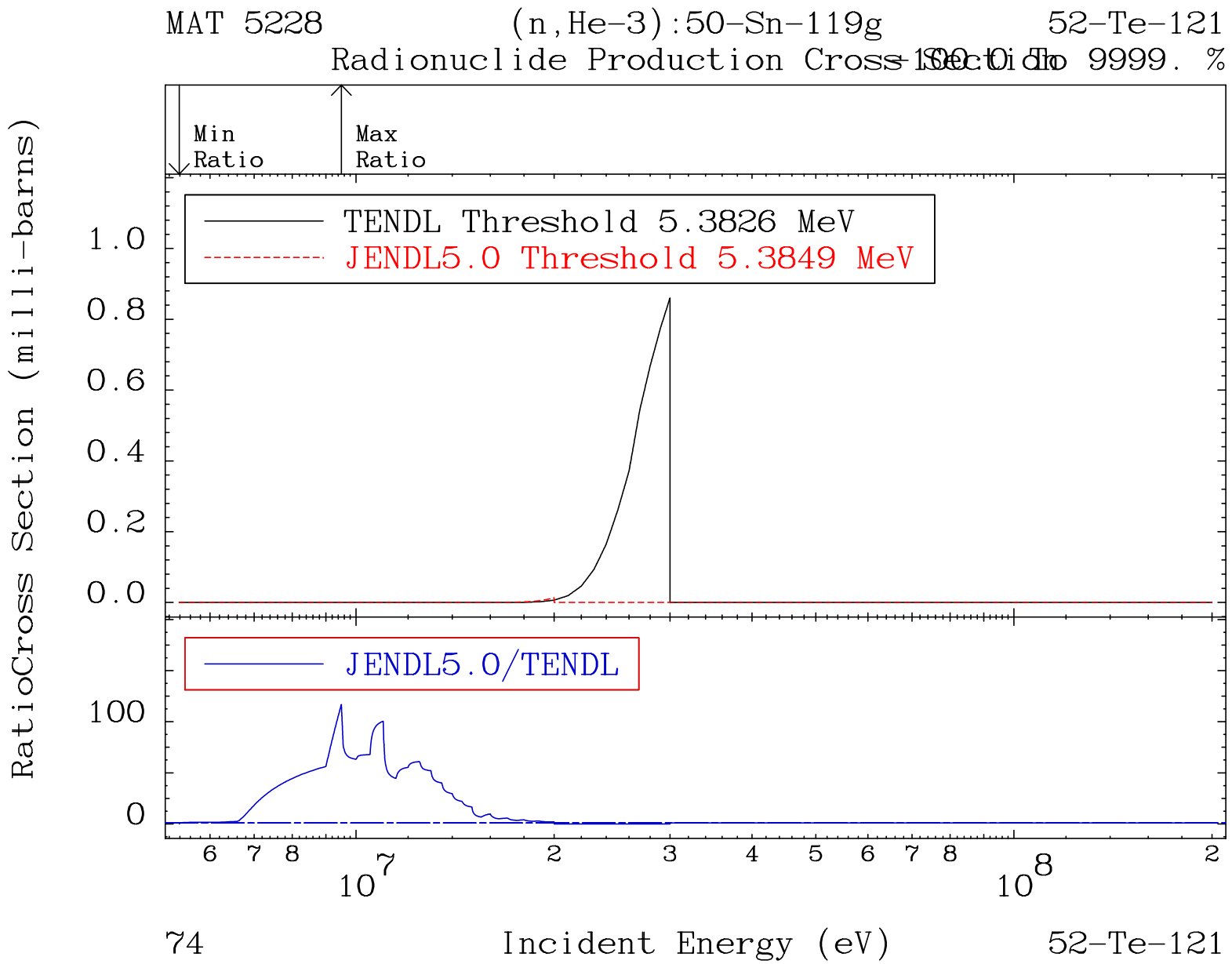

MAT 5228
(n,3n):52-Te-119m2
52-Te-121
Radionuclide Production Cross Section
Max Ratio
TENDL Threshold 17.912 MeV
JENDL5.0 Threshold 17.916 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
800
600
400
200
0
20
0
2
3
4
5
6
7
8
9
2
10^8
69
Incident Energy (eV)
52-Te-121

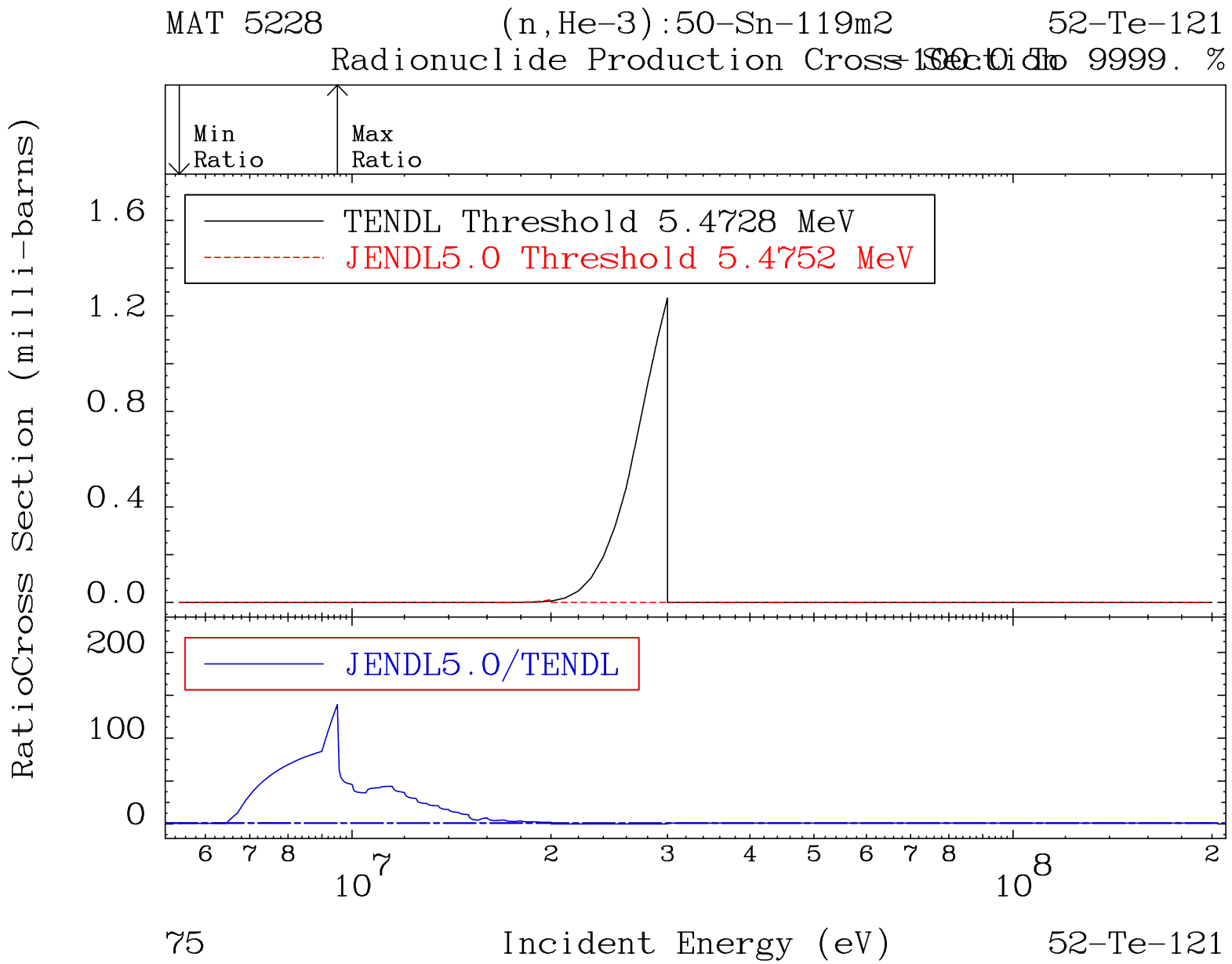

MAT 5228
(n,n') α:50-Sn-117g
52-Te-121
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 575.04 keV
JENDL5.0 Threshold 577.44 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
15
10
5
0
0.8
0.4
0.0
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
70
Incident Energy (eV)
52-Te-121

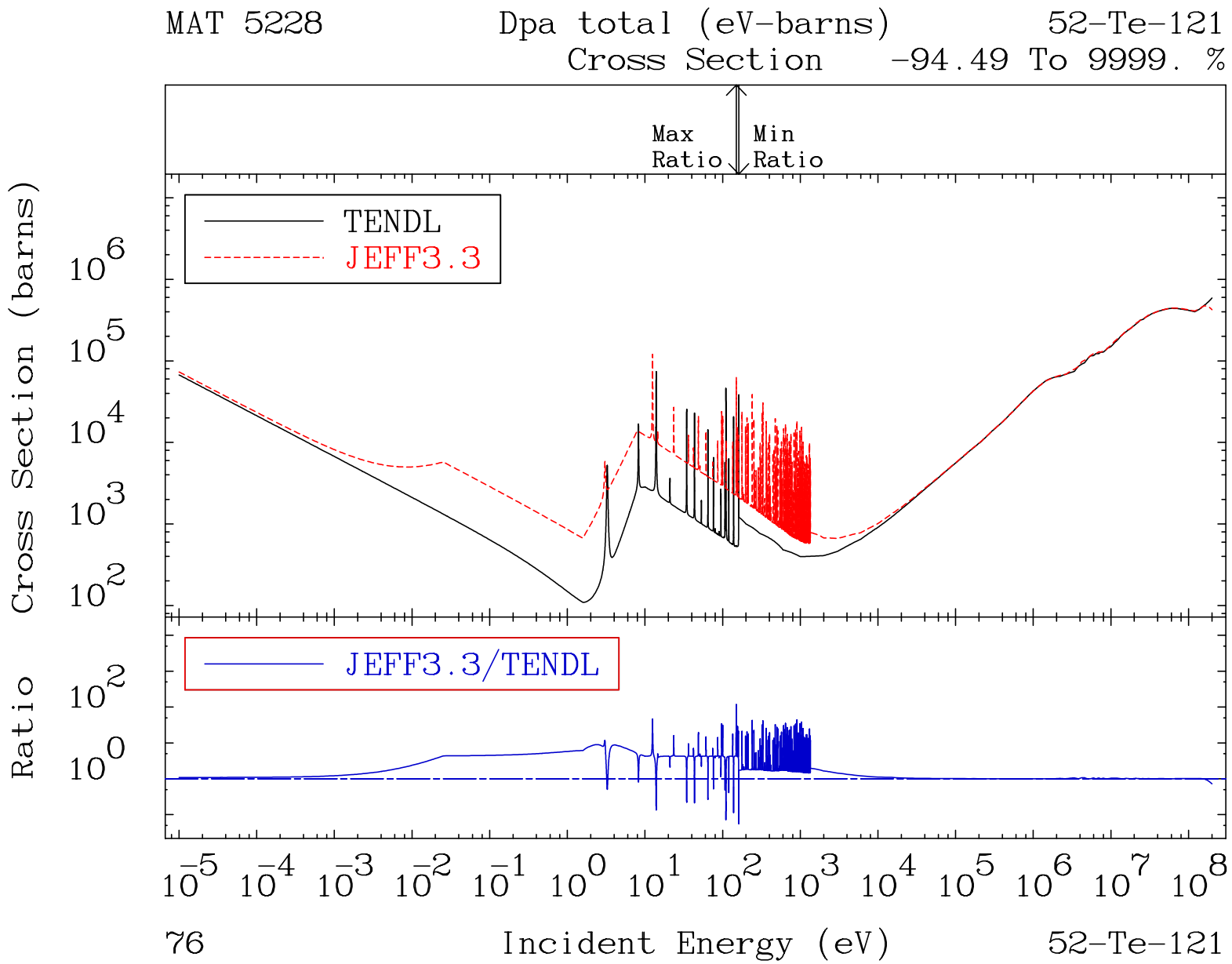

MAT 5228
(n,n') α:50-Sn-117m2
52-Te-121
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 4.4000 MeV
JENDL5.0 Threshold 894.65 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
71
52-Te-121

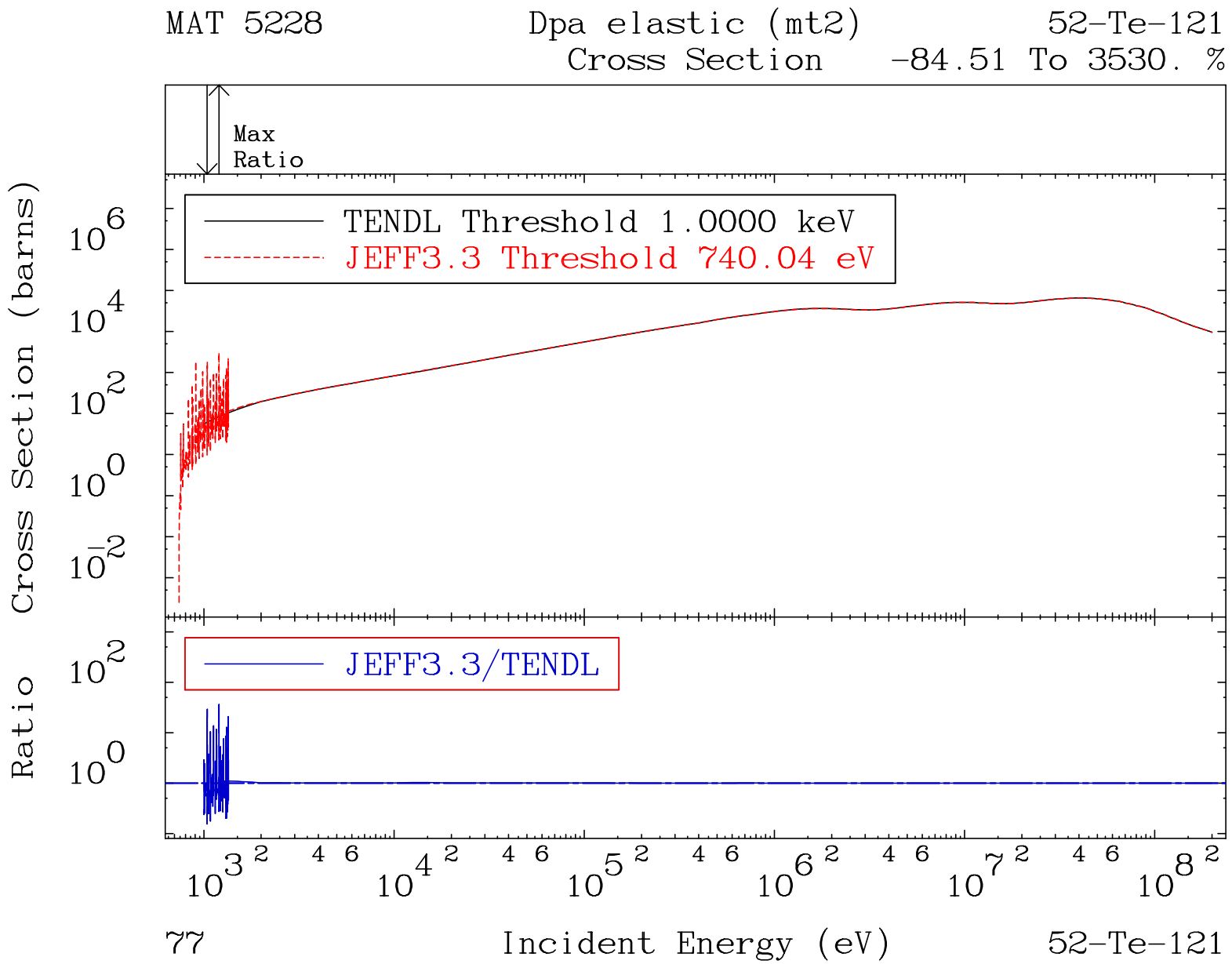

MAT 5228
(n,n') p:51-Sb-120g
52-Te-121
Radionuclide Production Cross Section to 9.030 %
Min Ratio
Max Ratio
TENDL Threshold 7.4768 MeV
JENDL5.0 Threshold 7.4786 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
40
20
0
1.2
0.6
0.0
8
10^7
2
3
4
5
6
7
8
10^8
2
72
Incident Energy (eV)
52-Te-121

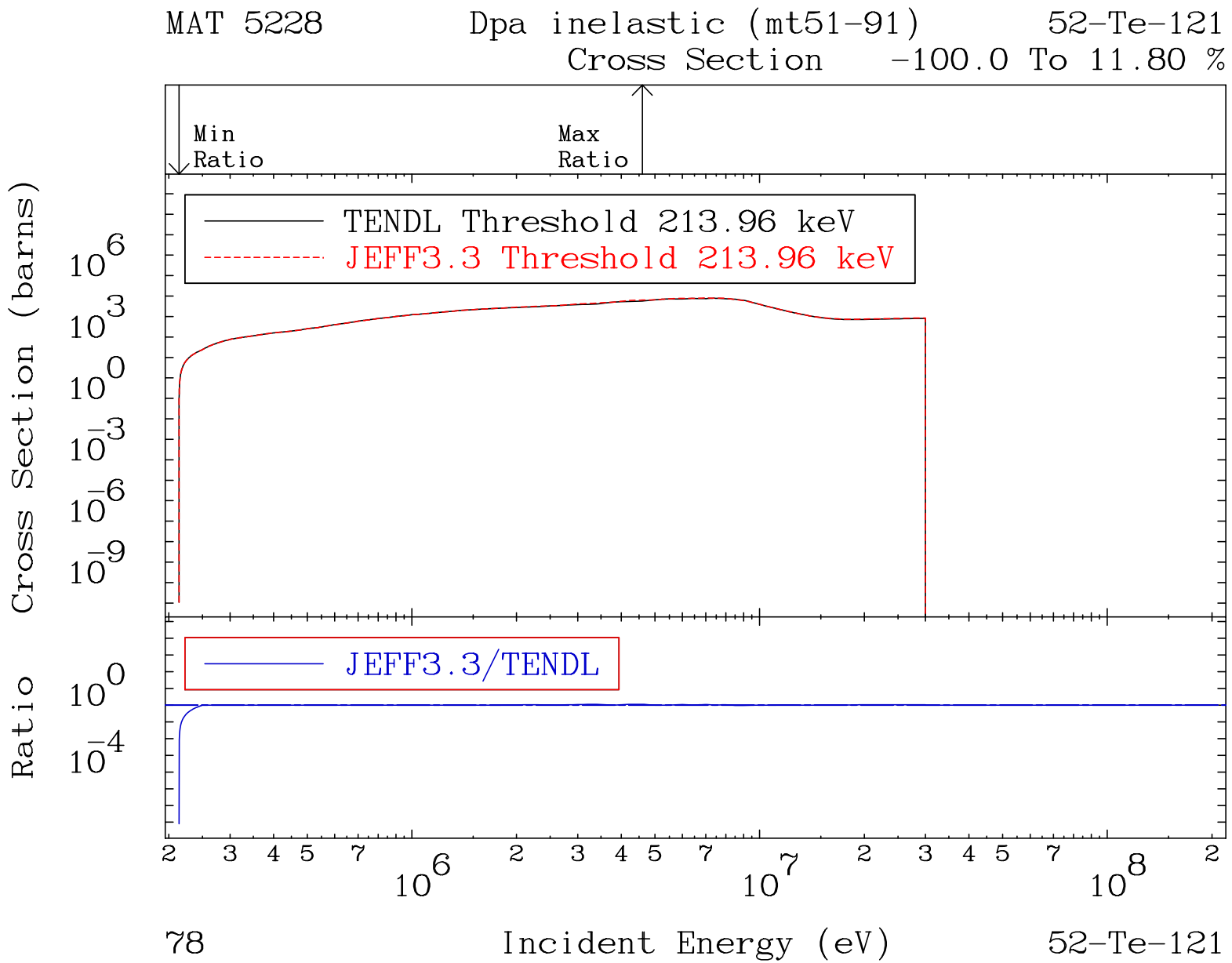

MAT 5228
(n,d):51-Sb-120g
52-Te-121
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 5.2337 MeV
JENDL5.0 Threshold 5.2355 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
15
10
5
0
40
20
0
5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
73
Incident Energy (eV)
52-Te-121

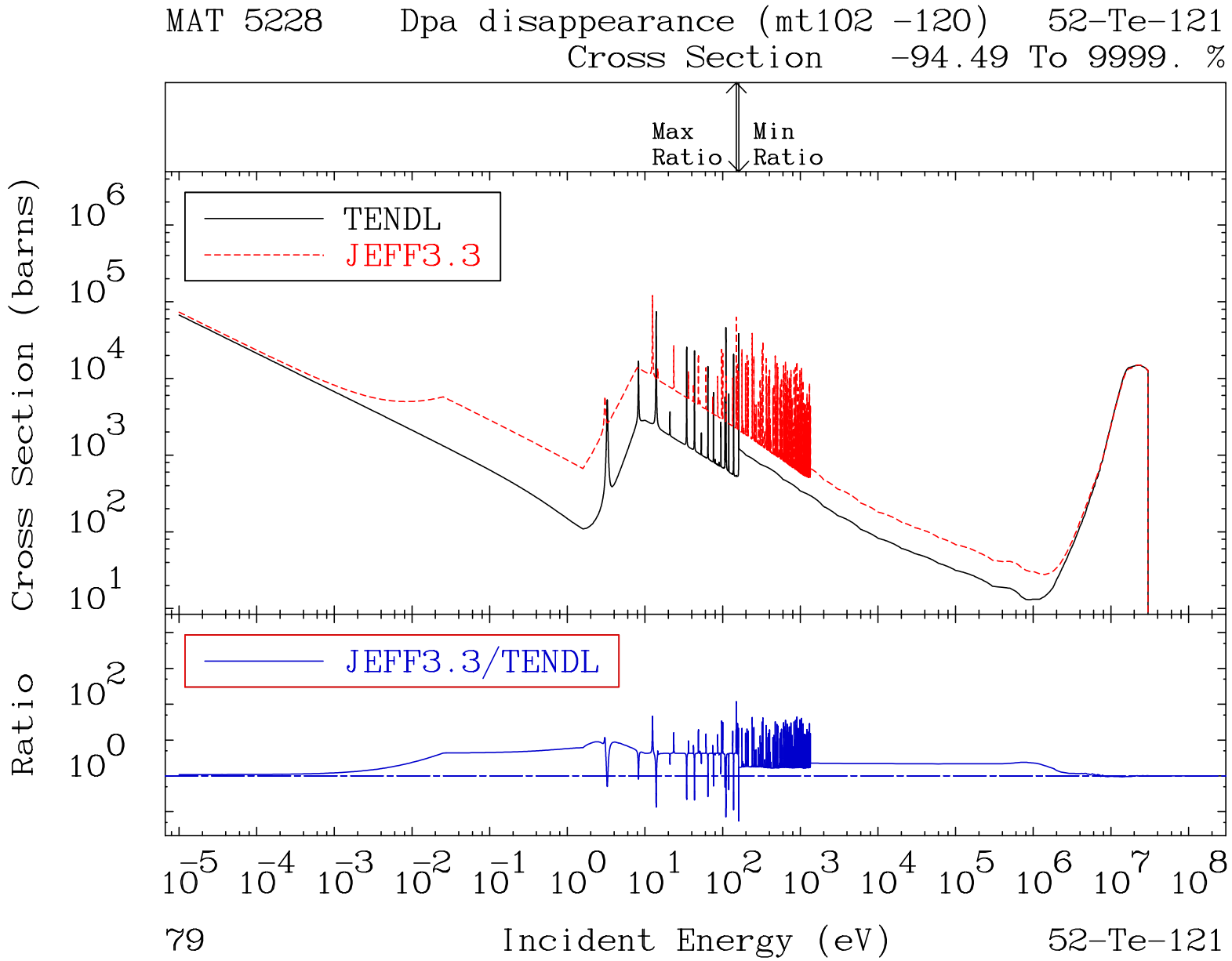

MAT 5228
(n,He-3):50-Sn-119g
52-Te-121
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 5.3826 MeV
JENDL5.0 Threshold 5.3849 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
1.0
0.8
0.6
0.4
0.2
0.0
100
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
74
Incident Energy (eV)
52-Te-121

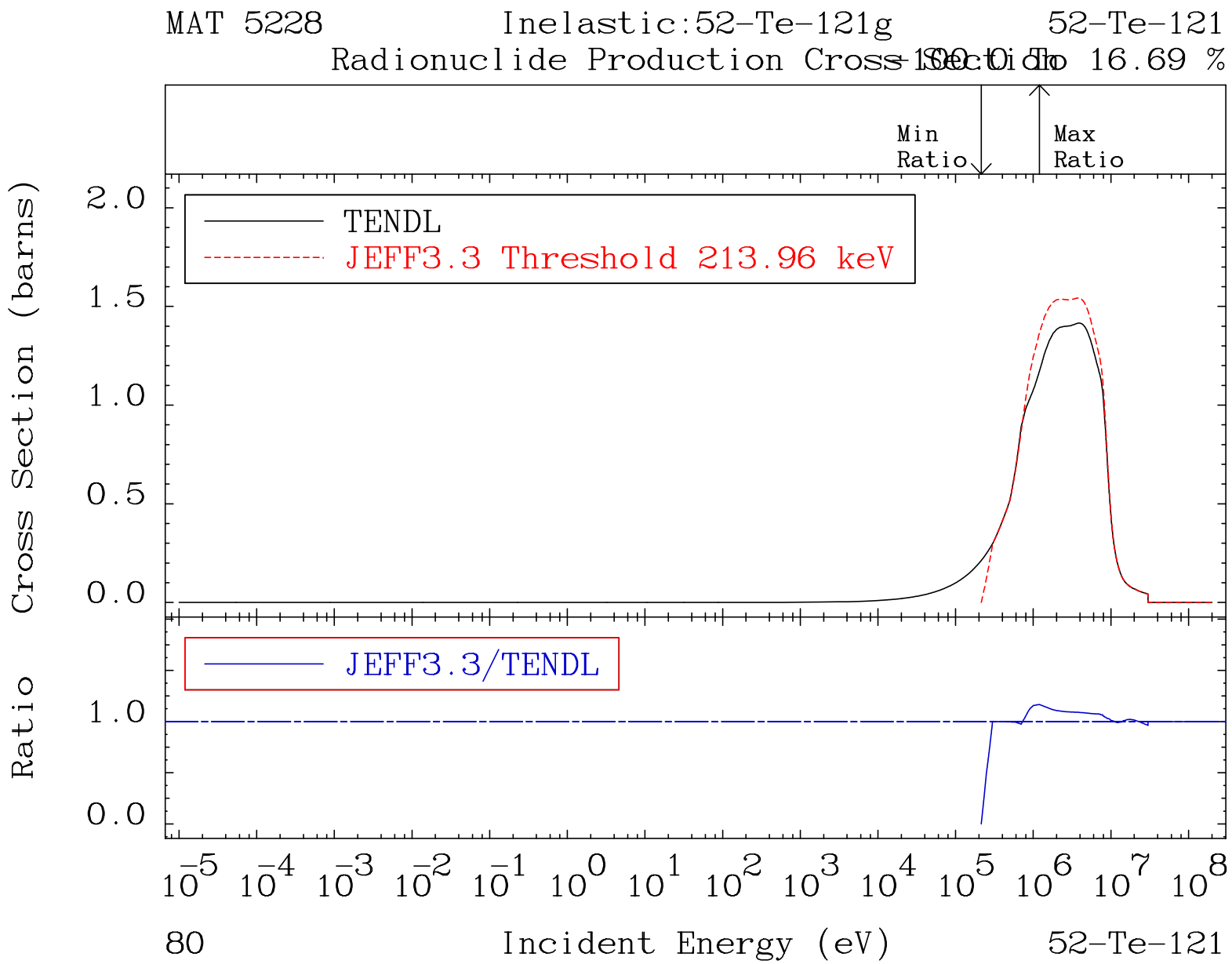

MAT 5228
(n,He-3):50-Sn-119m2
52-Te-121
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 5.4728 MeV
JENDL5.0 Threshold 5.4752 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
1.6
1.2
0.8
0.4
0.0
200
100
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
75
Incident Energy (eV)
52-Te-121

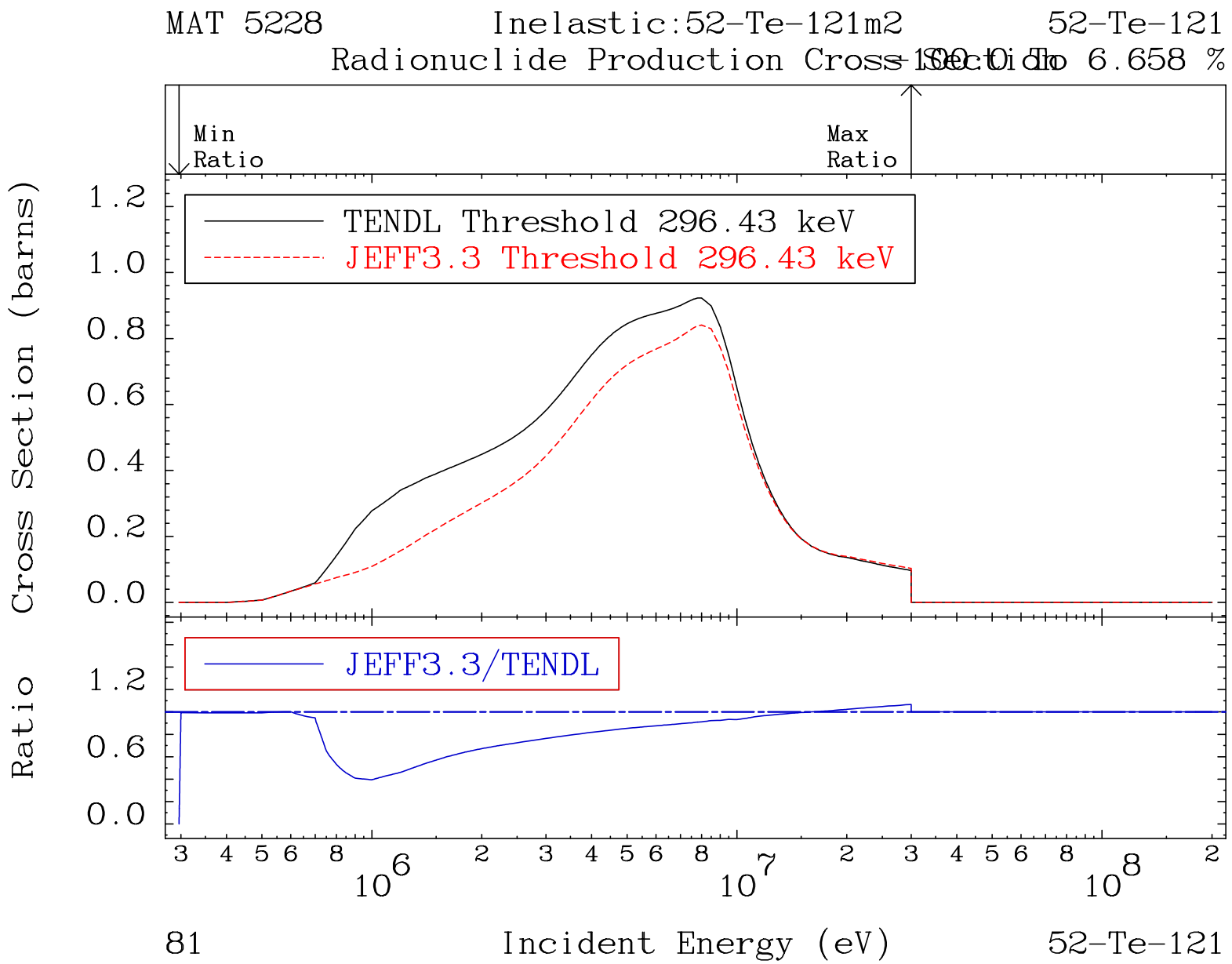

MAT 5228
Dpa total (eV-barns)
52-Te-121
Cross Section
-94.49 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
76
52-Te-121

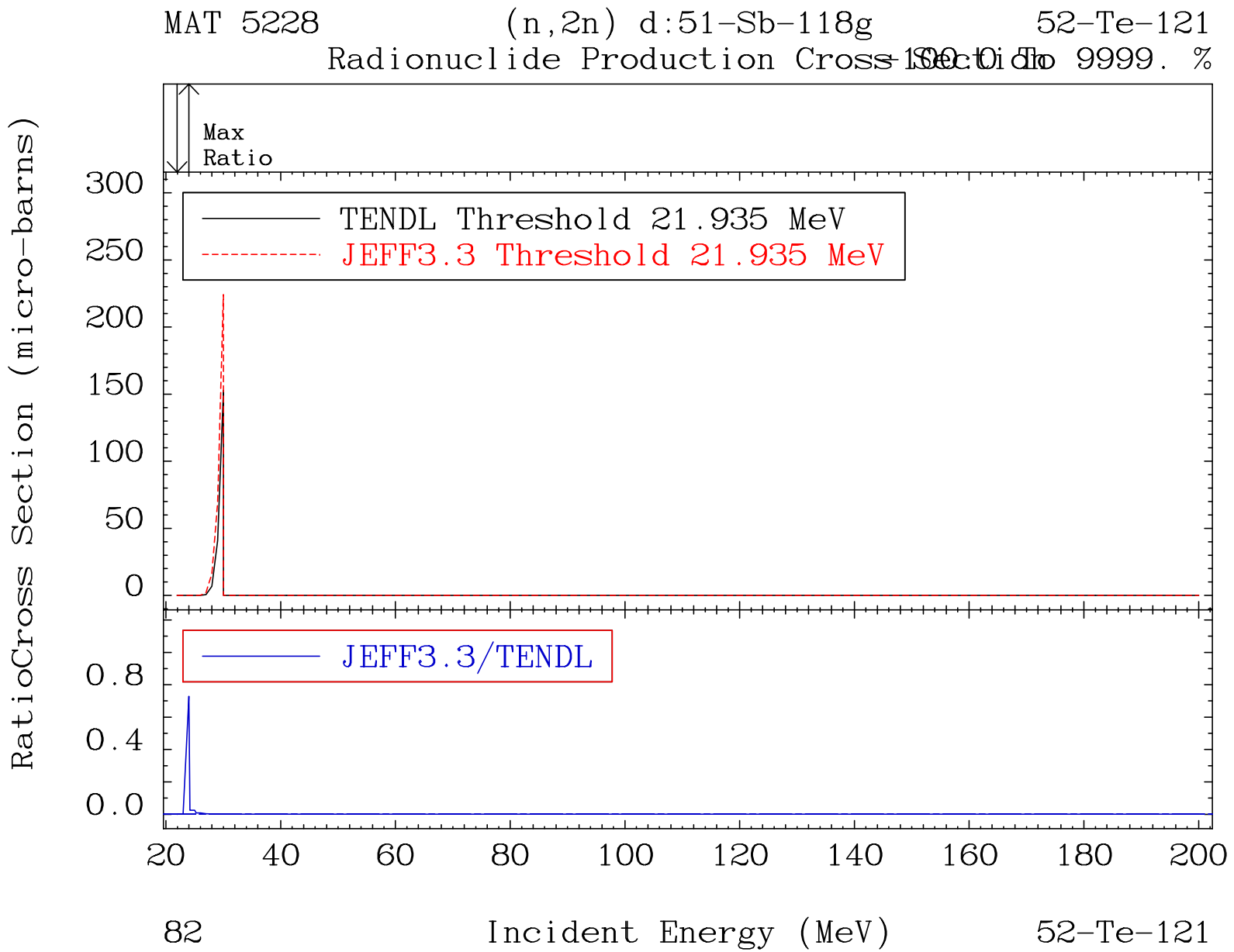

MAT 5228
Dpa elastic (mt2)
Cross Section
52-Te-121
-84.51 To 3530. %
Max
Ratio
TENDL Threshold 1.0000 keV
JEFF3.3 Threshold 740.04 eV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
77
52-Te-121

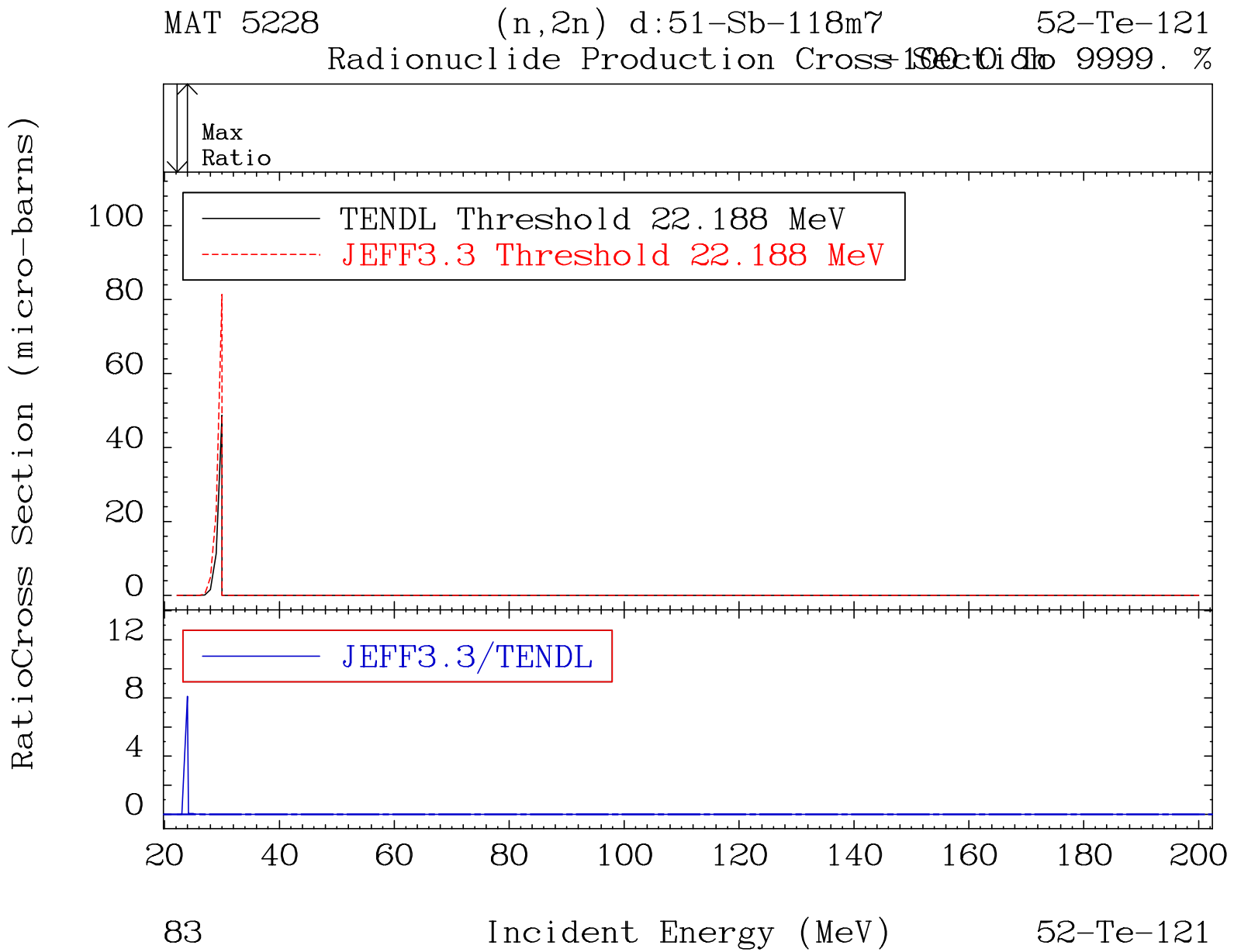

MAT 5228
Dpa inelastic (mt51-91)
52-Te-121
Cross Section -100.0 To 11.80 %
Min Ratio
Max Ratio
TENDL Threshold 213.96 keV
JEFF3.3 Threshold 213.96 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
78
52-Te-121

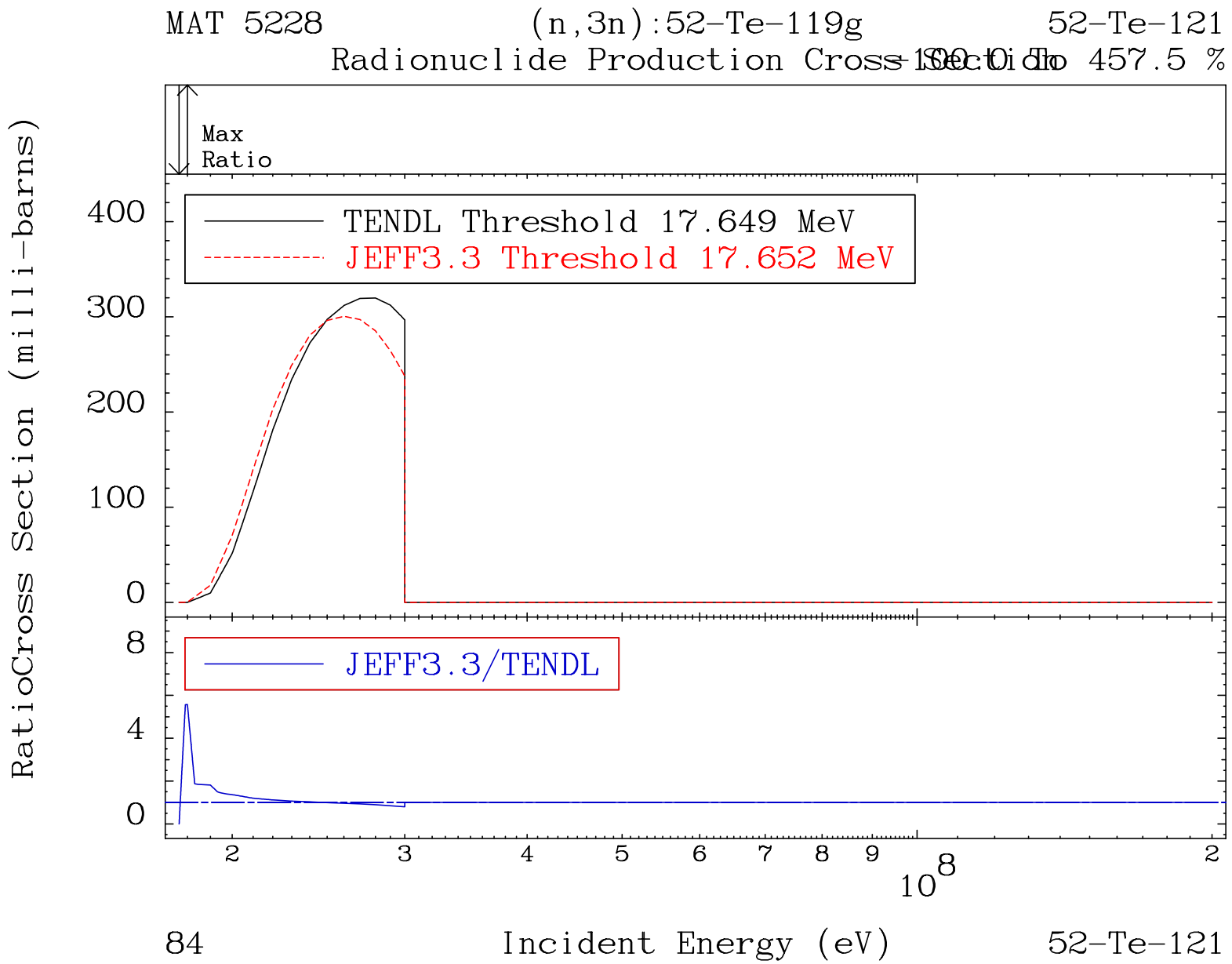

MAT 5228 Dpa disappearance (mt102 -120) 52-Te-121
Cross Section -94.49 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
79
52-Te-121

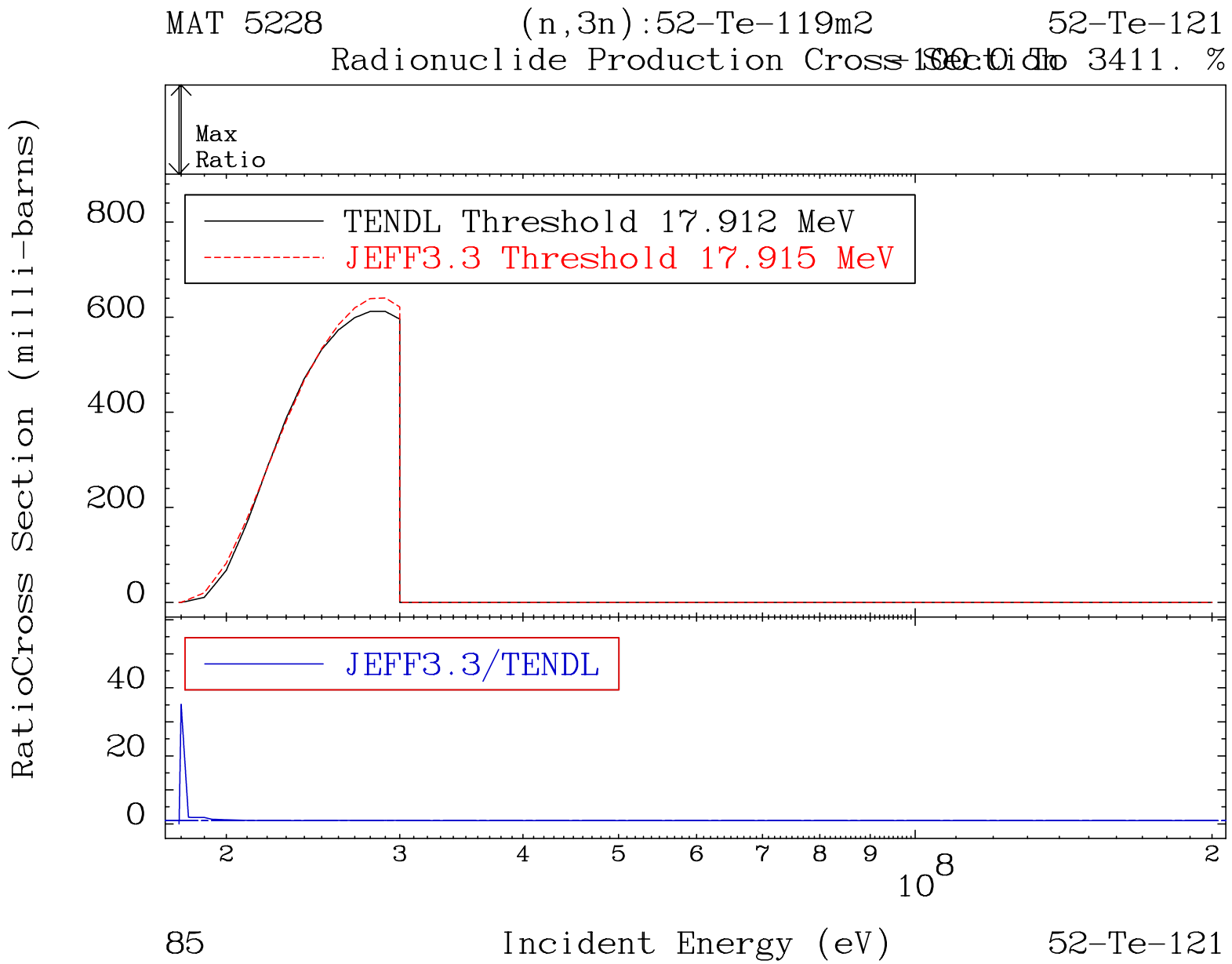

MAT 5228
Inelastic:52-Te-121g
52-Te-121
Radionuclide Production Cross Section To 16.69 %
Min Ratio
Max Ratio
TENDL
JEFF3.3 Threshold 213.96 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
1.0
0.0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
80
Incident Energy (eV)
52-Te-121

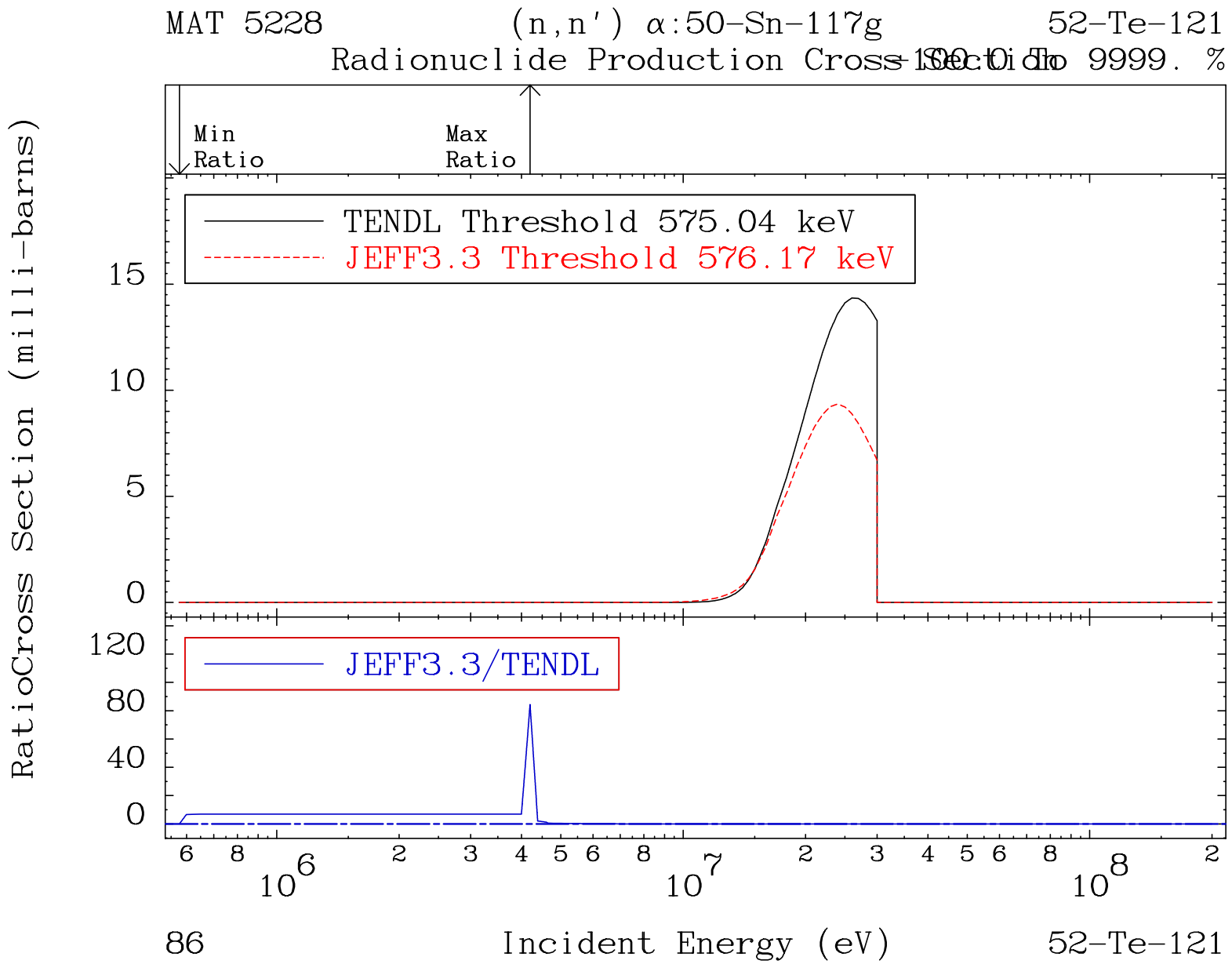

MAT 5228
Inelastic:52-Te-121m2
52-Te-121
Radionuclide Production Cross Section To 6.658 %
Min Ratio
Max Ratio
TENDL Threshold 296.43 keV
JEFF3.3 Threshold 296.43 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
1.2
1.0
0.8
0.6
0.4
0.2
0.0
3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
81
Incident Energy (eV)
52-Te-121

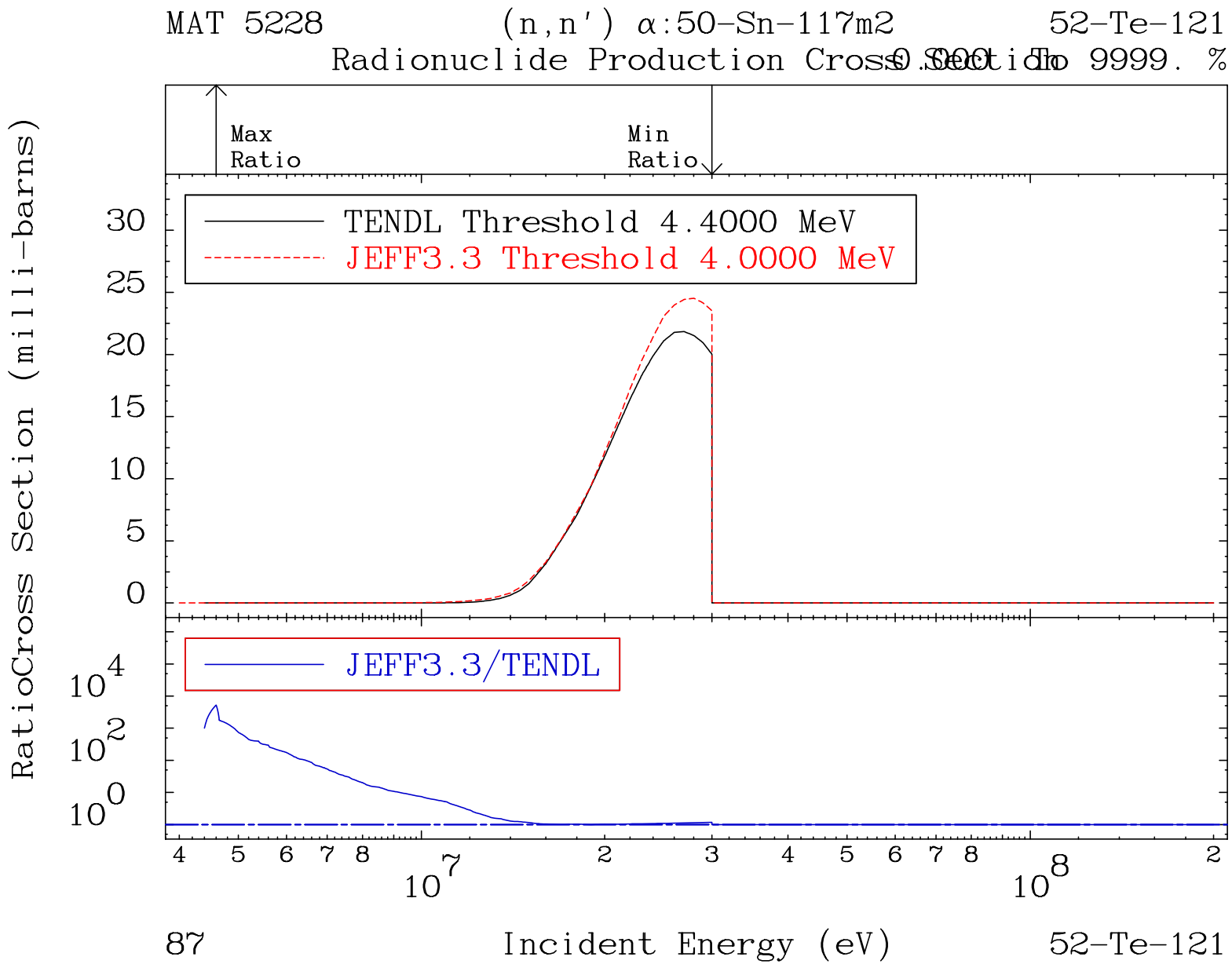

MAT 5228
(n,2n) d:51-Sb-118g
52-Te-121
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 21.935 MeV
JEFF3.3 Threshold 21.935 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
300
250
200
150
100
50
0
0.8
0.4
0.0
20
40
60
80
100
120
140
160
180
200
82
Incident Energy (MeV)
52-Te-121

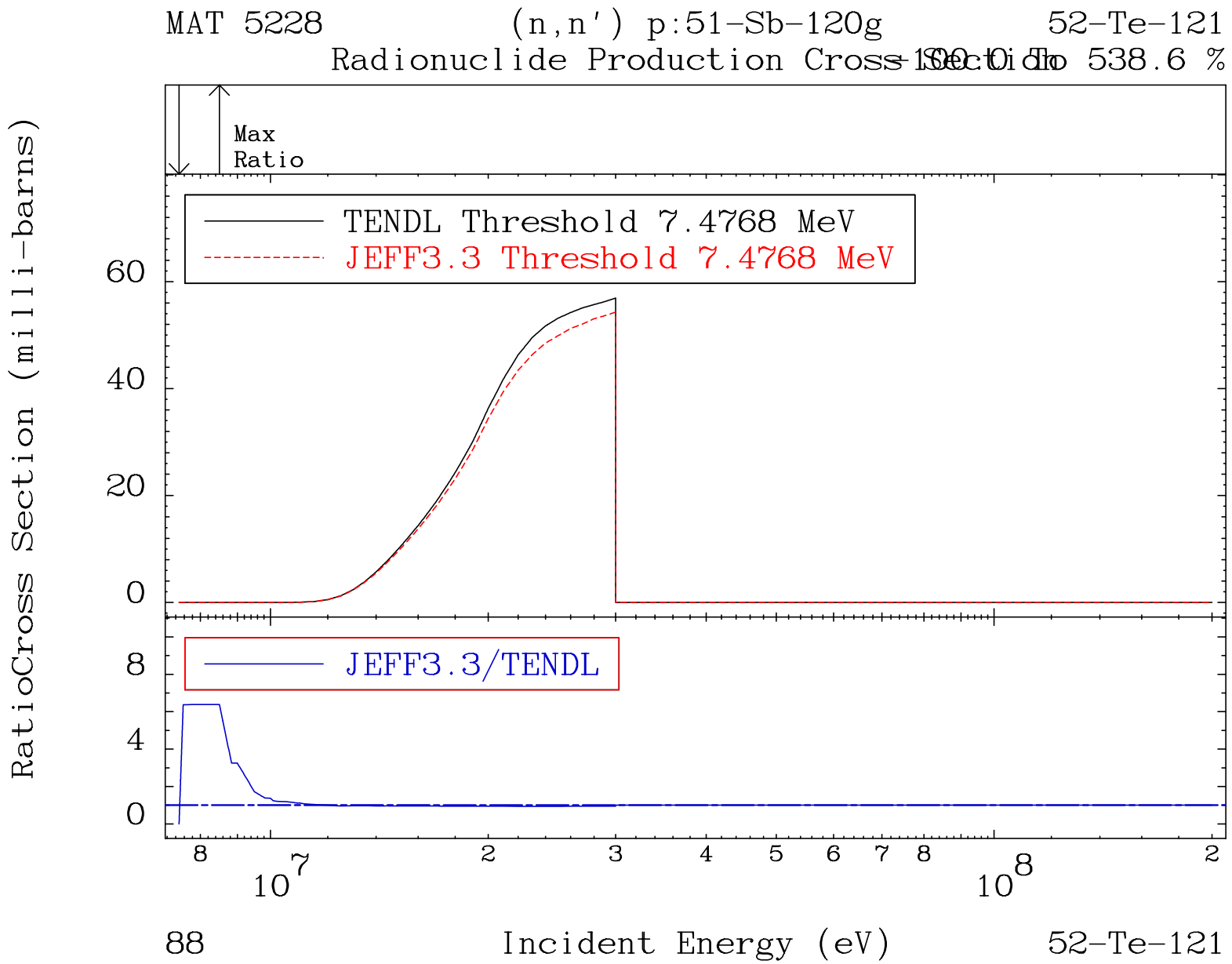

MAT 5228
(n,2n) d:51-Sb-118m7
52-Te-121
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 22.188 MeV
JEFF3.3 Threshold 22.188 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
100
80
60
40
20
0
12
8
4
0
20
40
60
80
100
120
140
160
180
200
83
Incident Energy (MeV)
52-Te-121

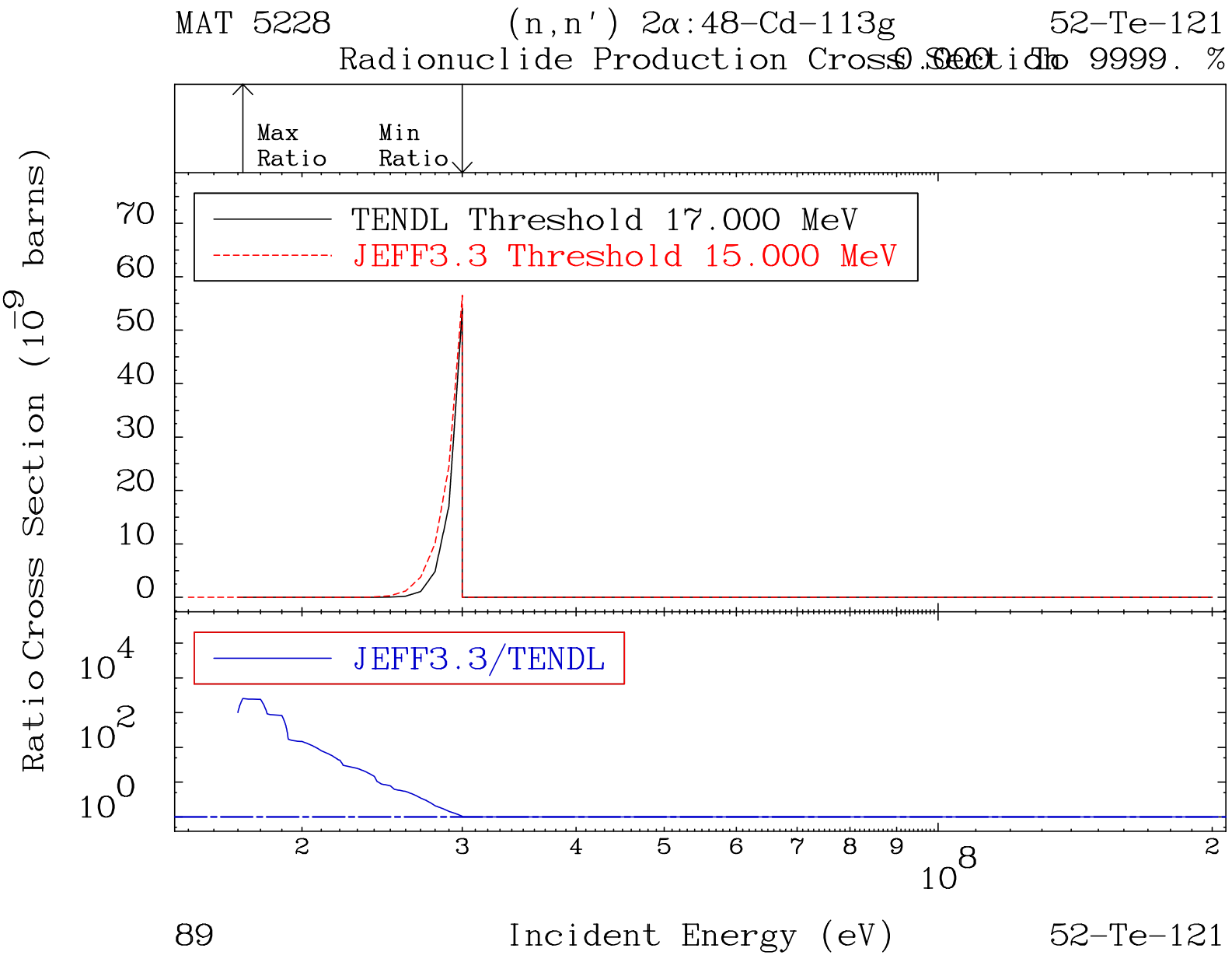

MAT 5228
(n,3n):52-Te-119g
52-Te-121
Radionuclide Production Cross Section To 457.5 %
Max
Ratio
TENDL Threshold 17.649 MeV
JEFF3.3 Threshold 17.652 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
8
4
0
2
3
4
5
6
7
8
9
2
10^8
84
Incident Energy (eV)
52-Te-121

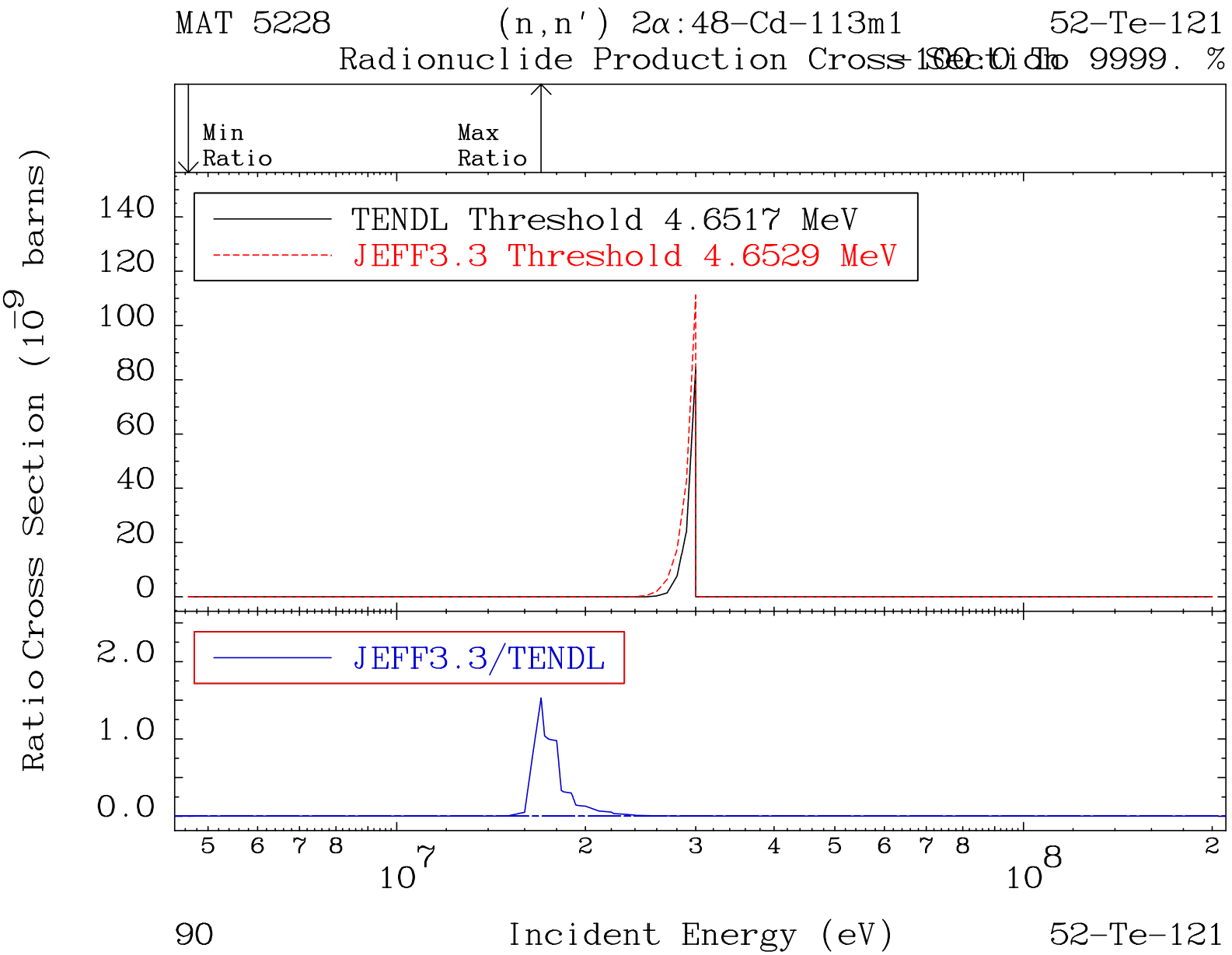

MAT 5228
(n,3n):52-Te-119m2
52-Te-121
Radionuclide Production Cross Section
Max Ratio
TENDL Threshold 17.912 MeV
JEFF3.3 Threshold 17.915 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
800
600
400
200
0
40
20
0
2
3
4
5
6
7
8
9
2
10^8
85
Incident Energy (eV)
52-Te-121

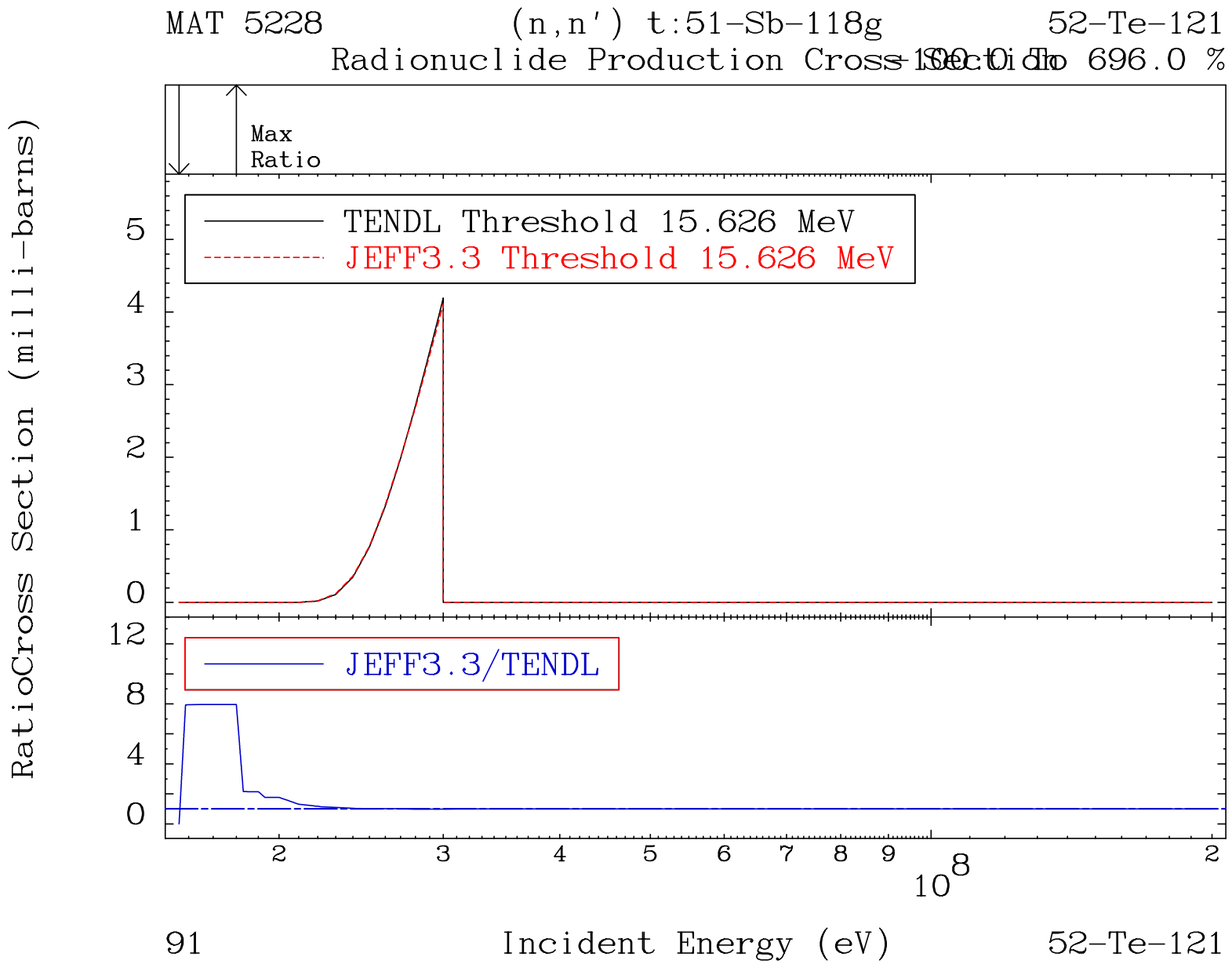

MAT 5228
(n,n') α:50-Sn-117g
52-Te-121
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 575.04 keV
JEFF3.3 Threshold 576.17 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
15
10
5
0
120
80
40
0
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
86
Incident Energy (eV)
52-Te-121

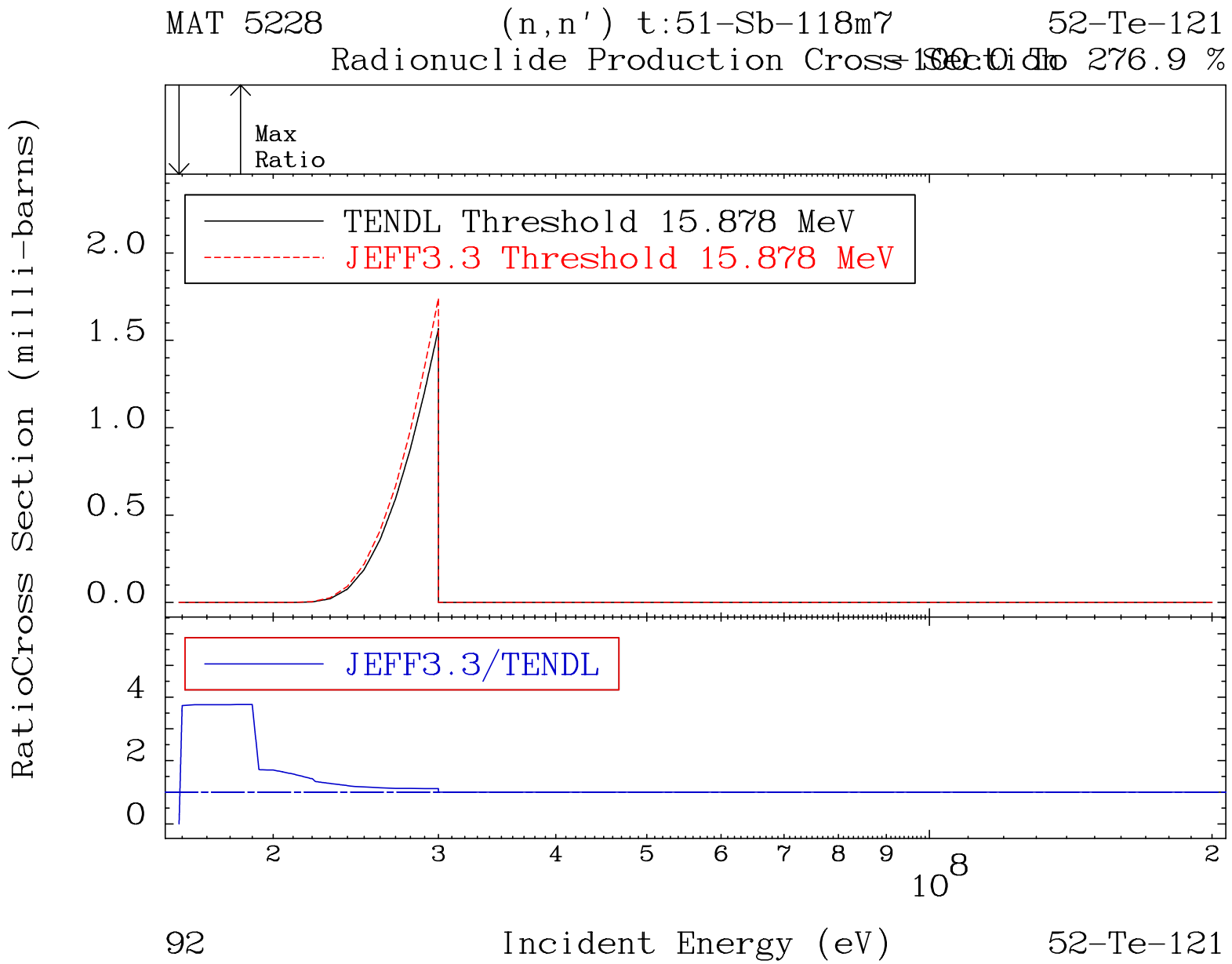

MAT 5228
(n,n') α:50-Sn-117m2
52-Te-121
Radionuclide Production Cross Section
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 4.4000 MeV
JEFF3.3 Threshold 4.0000 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
10^4
10^2
10^0
4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
87
Incident Energy (eV)
52-Te-121

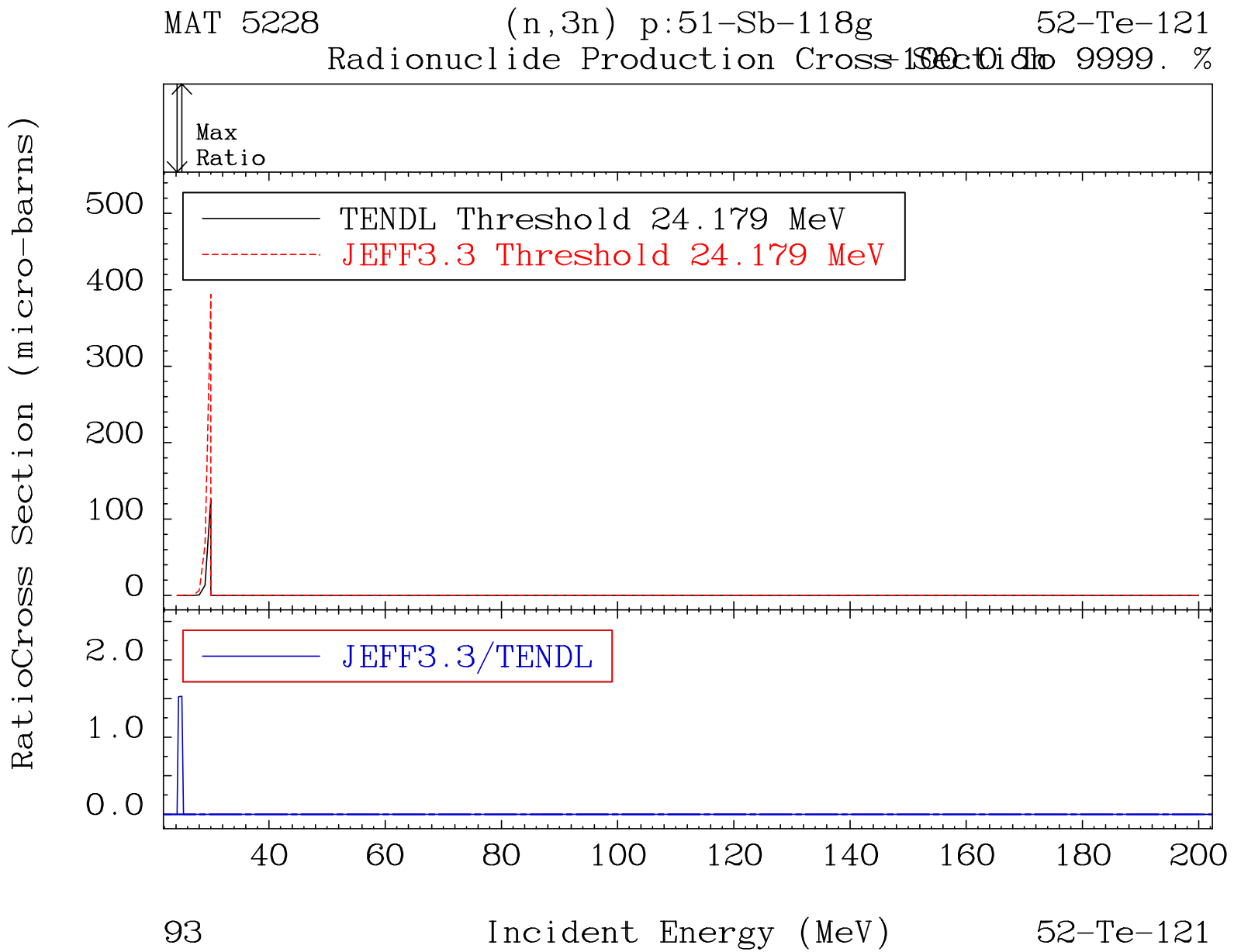

MAT 5228
(n,n') p:51-Sb-120g
52-Te-121
Radionuclide Production Cross Section To 538.6 %
Max
Ratio
TENDL Threshold 7.4768 MeV
JEFF3.3 Threshold 7.4768 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
60
40
20
0
8
4
0
8
2
3
4
5
6
7
8
2
10^7
10^8
88
Incident Energy (eV)
52-Te-121

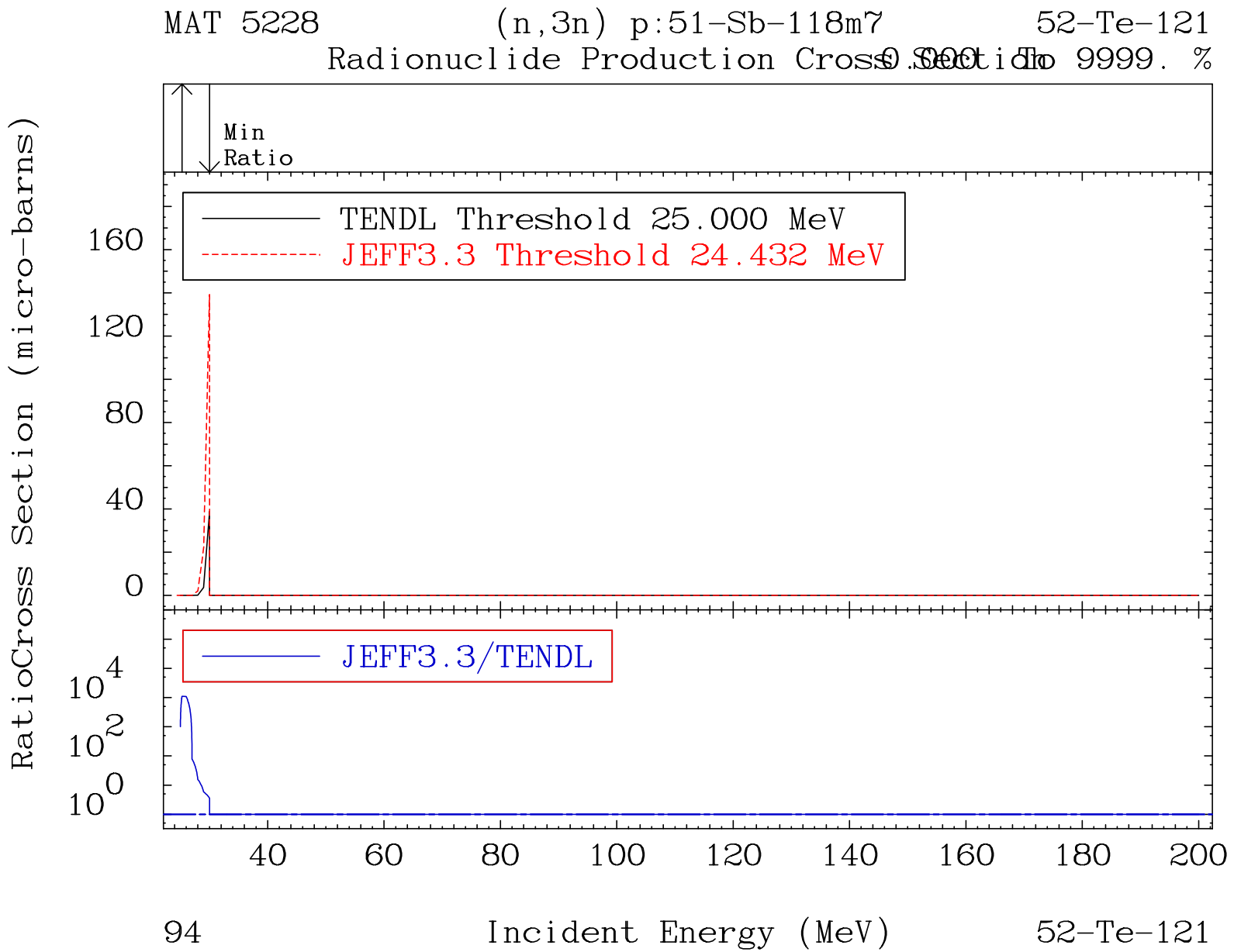

MAT 5228 (n,n') 2α:48-Cd-113g 52-Te-121
Radionuclide Production Cross Section 0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 17.000 MeV
JEFF3.3 Threshold 15.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
70
60
50
40
30
20
10
0
10^4
10^2
10^0
2
3
4
5
6
7
8
9
10^8
2
89
Incident Energy (eV)
52-Te-121

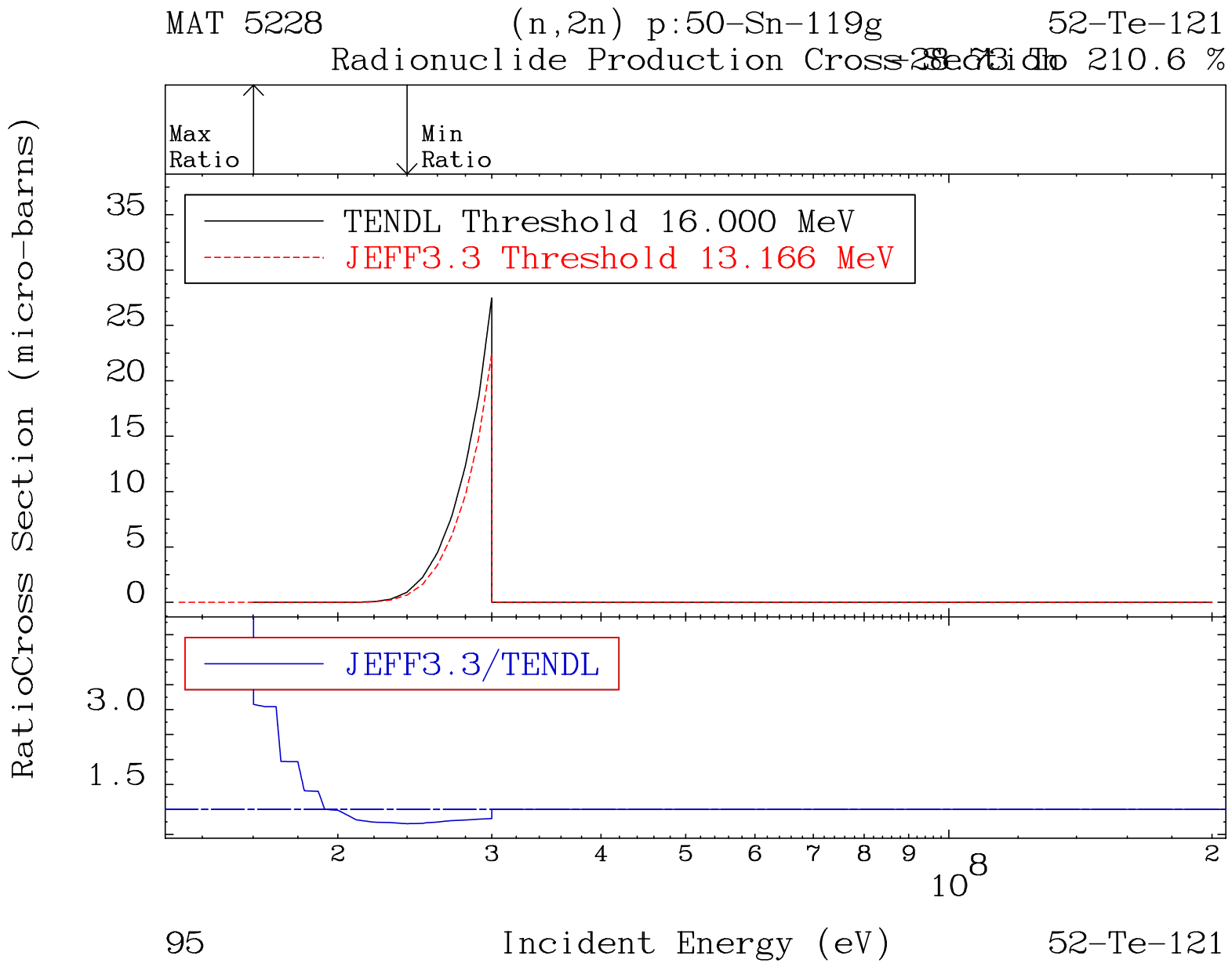

MAT 5228
(n,n') 2α:48-Cd-113m1
52-Te-121
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 4.6517 MeV
JEFF3.3 Threshold 4.6529 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
Incident Energy (eV)
90
52-Te-121

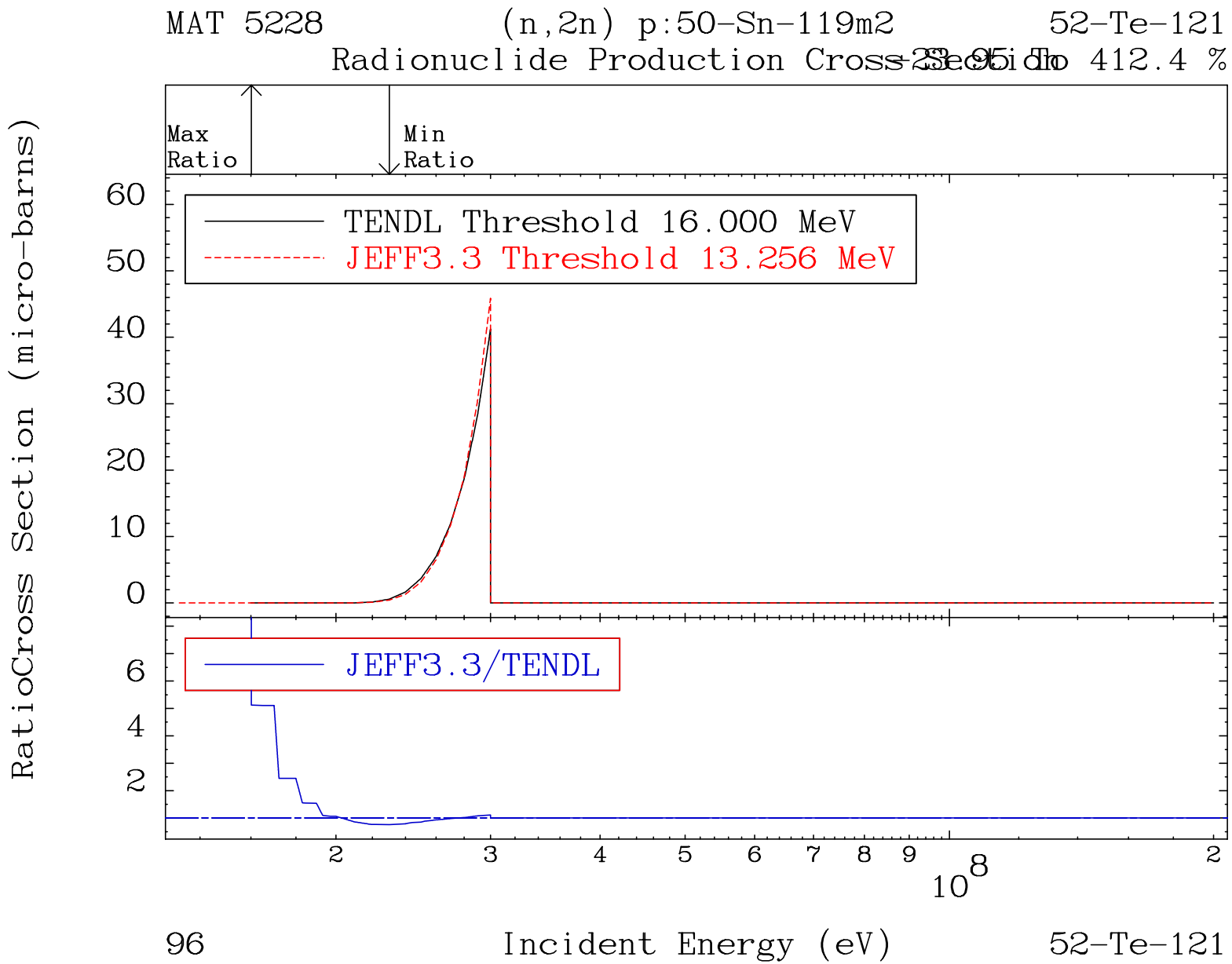

MAT 5228
(n,n') t:51-Sb-118g
52-Te-121
Radionuclide Production Cross Section To 696.0 %
Max
Ratio
TENDL Threshold 15.626 MeV
JEFF3.3 Threshold 15.626 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
91
52-Te-121

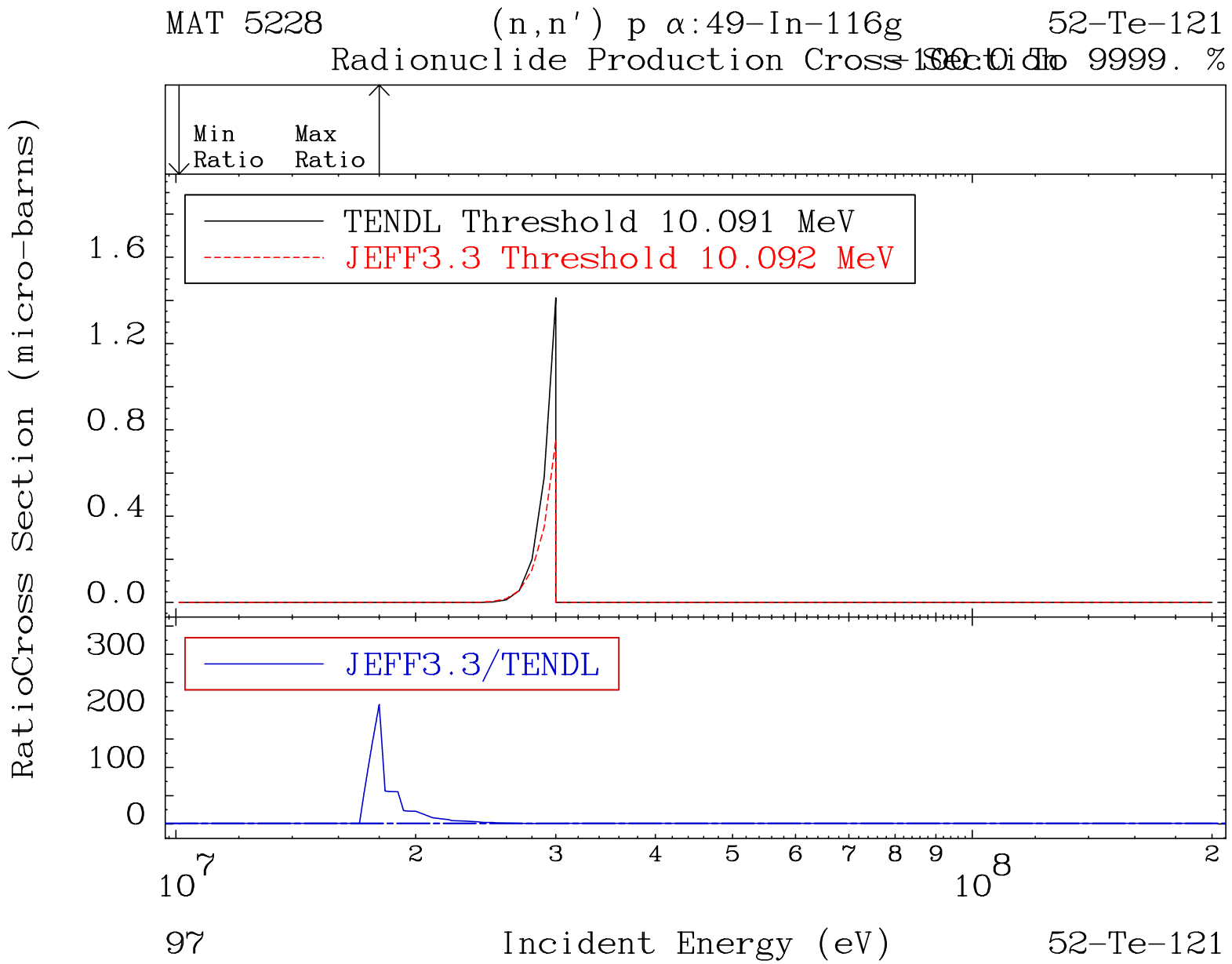

MAT 5228
(n,n') t:51-Sb-118m7
52-Te-121
Radionuclide Production Cross Section To 276.9 %
Max
Ratio
TENDL Threshold 15.878 MeV
JEFF3.3 Threshold 15.878 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
4
2
0
2
3
4
5
6
7
8
9
10^8
2
92
Incident Energy (eV)
52-Te-121

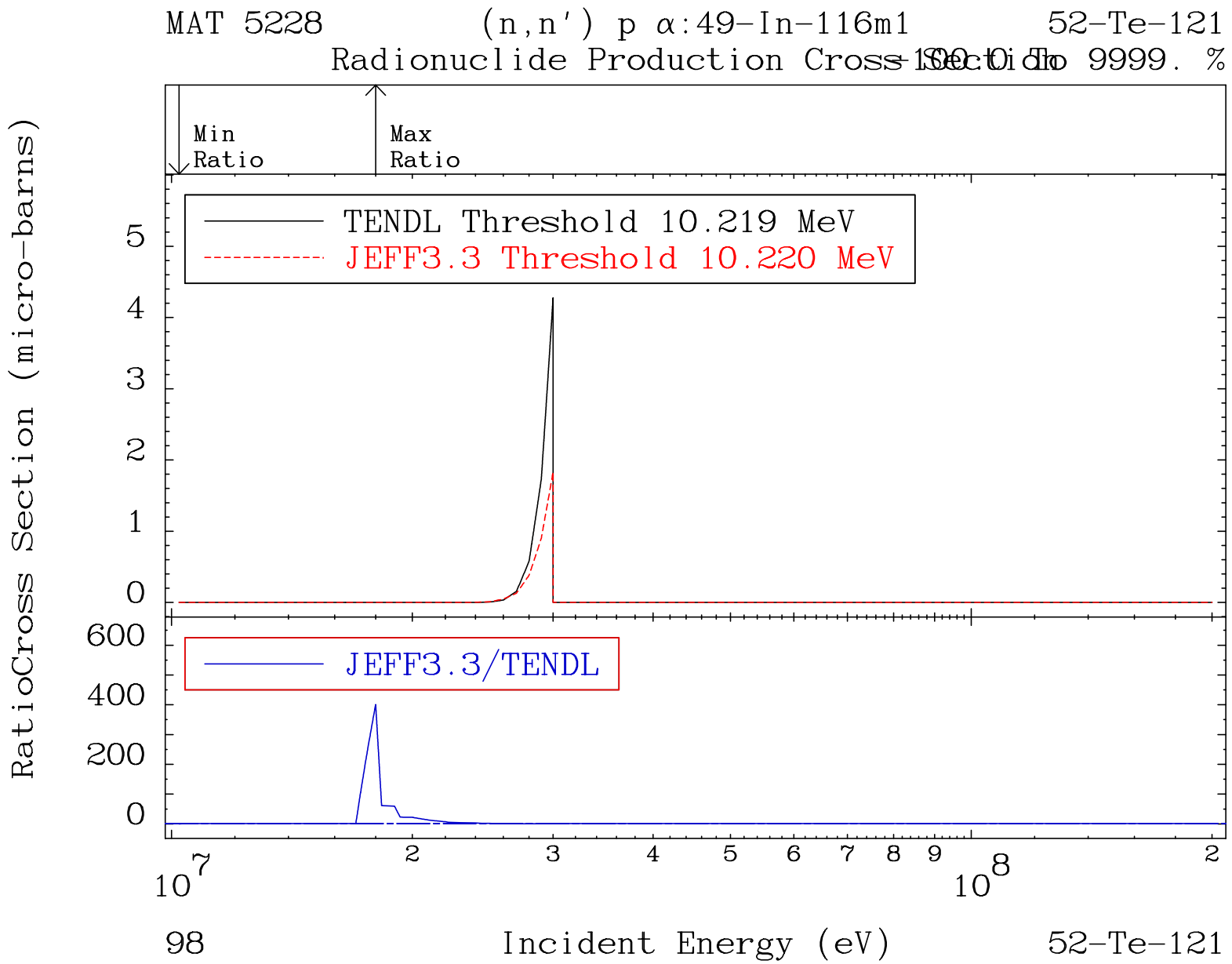

MAT 5228
(n,3n) p:51-Sb-118g
52-Te-121
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 24.179 MeV
JEFF3.3 Threshold 24.179 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
500
400
300
200
100
0
2.0
1.0
0.0
40
60
80
100
120
140
160
180
200
93
Incident Energy (MeV)
52-Te-121

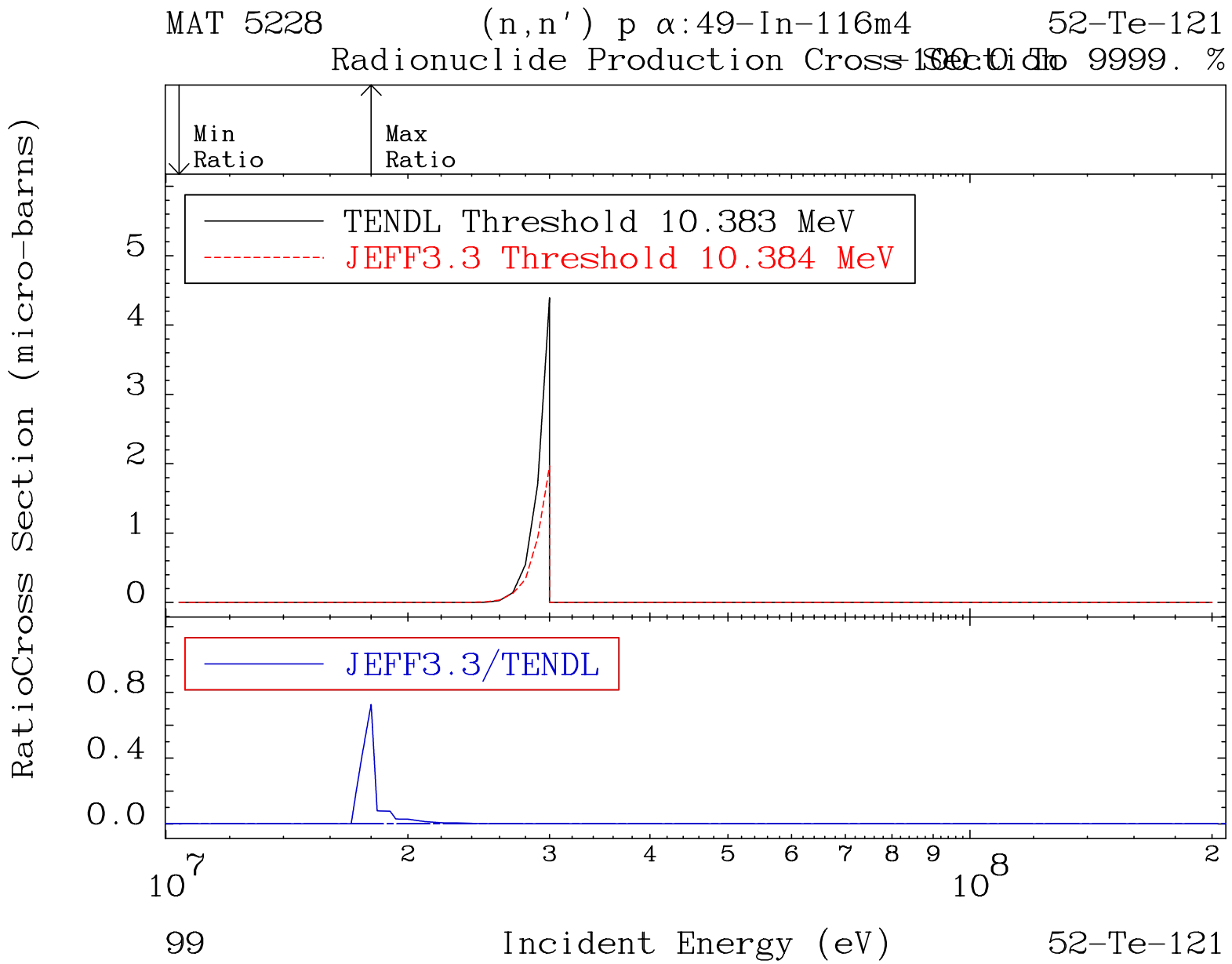

MAT 5228
(n,3n) p:51-Sb-118m7
52-Te-121
Radionuclide Production Cross Section
0.000 To 9999. %
Min
Ratio
TENDL Threshold 25.000 MeV
JEFF3.3 Threshold 24.432 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
160
120
80
40
0
10^4
10^2
10^0
40
60
80
100
120
140
160
180
200
94
Incident Energy (MeV)
52-Te-121

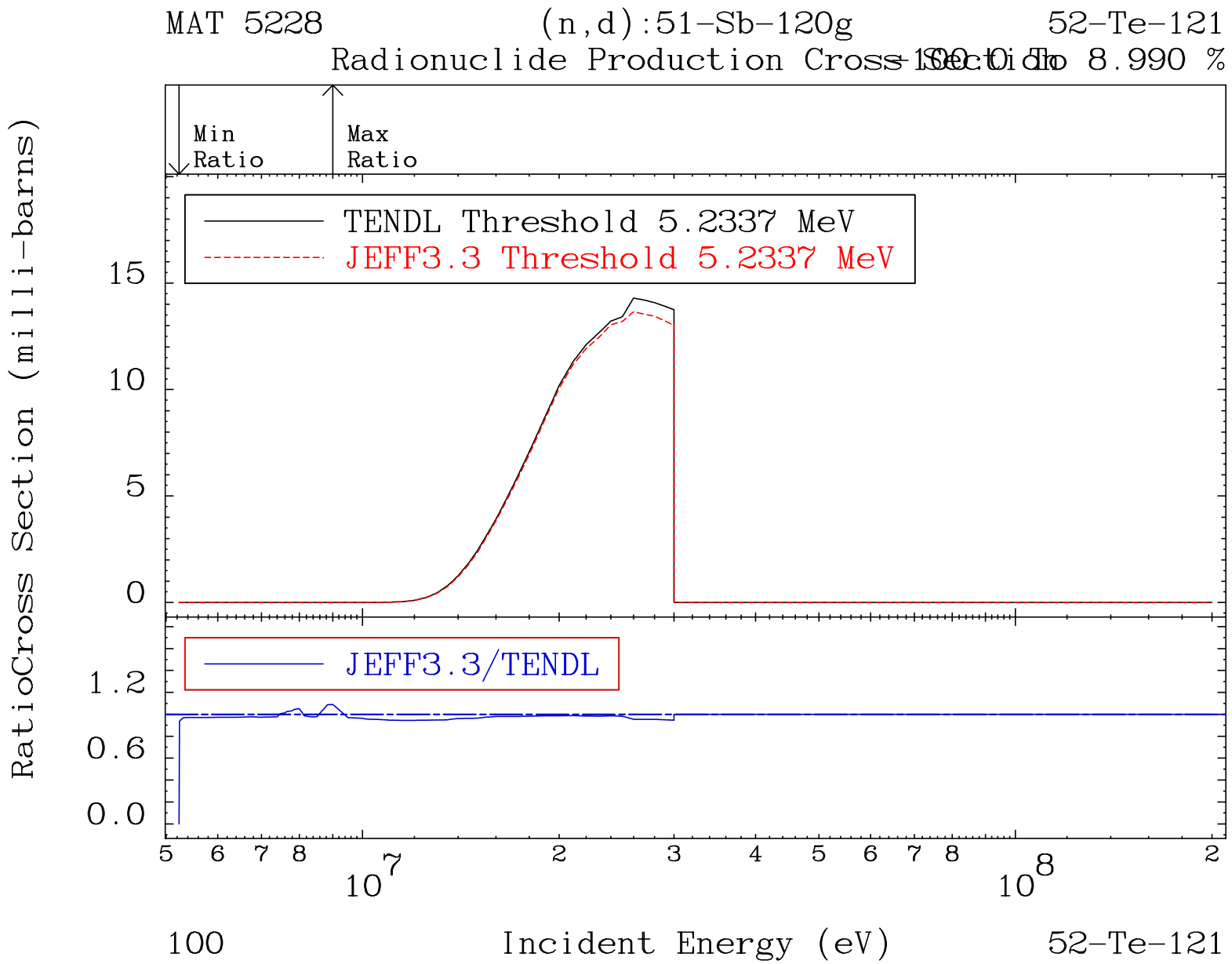

MAT 5228
(n,2n) p:50-Sn-119g
52-Te-121
Radionuclide Production Cross-Section To 210.6 %
Max Ratio
Min Ratio
TENDL Threshold 16.000 MeV
JEFF3.3 Threshold 13.166 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
35
30
25
20
15
10
5
0
3.0
1.5
2
3
4
5
6
7
8
9
10^8
2
95
Incident Energy (eV)
52-Te-121

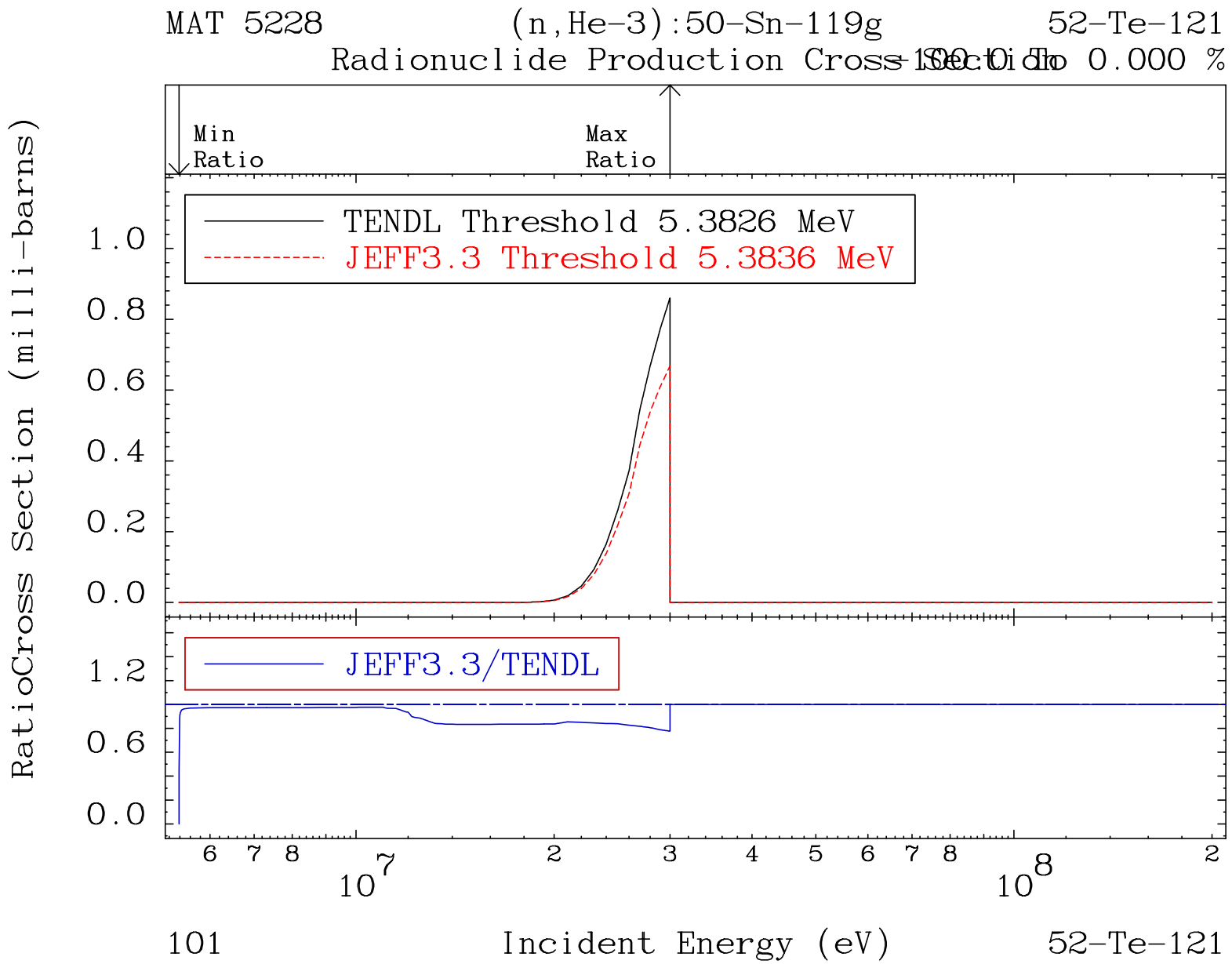

MAT 5228
(n,2n) p:50-Sn-119m2
52-Te-121
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 16.000 MeV
JEFF3.3 Threshold 13.256 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
96
52-Te-121

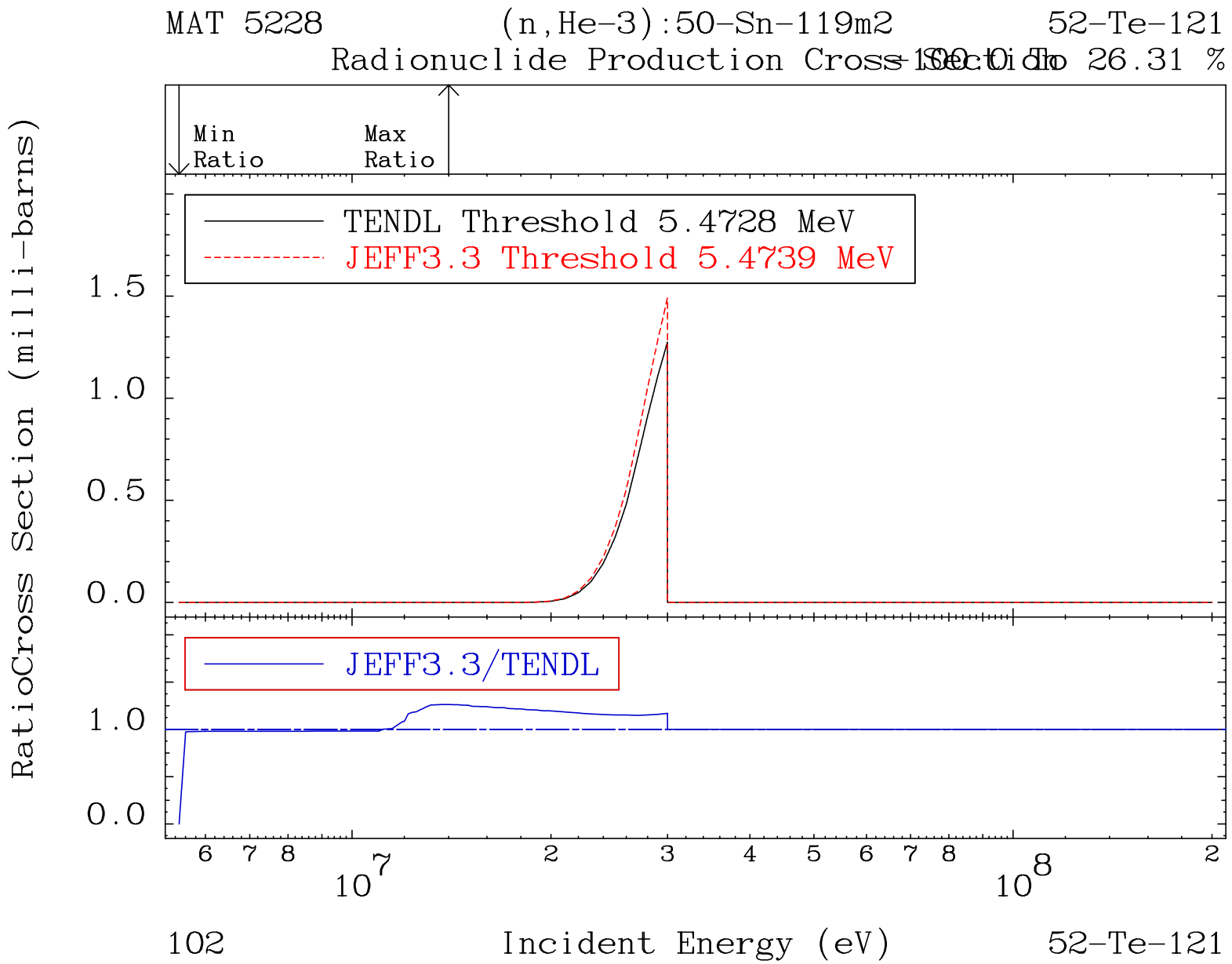

MAT 5228
(n,n') p α:49-In-116g
52-Te-121
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 10.091 MeV
JEFF3.3 Threshold 10.092 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
1.6
1.2
0.8
0.4
0.0
300
200
100
0
10^7
2
3
4
5
6
7
8
9
10^8
2
97
Incident Energy (eV)
52-Te-121

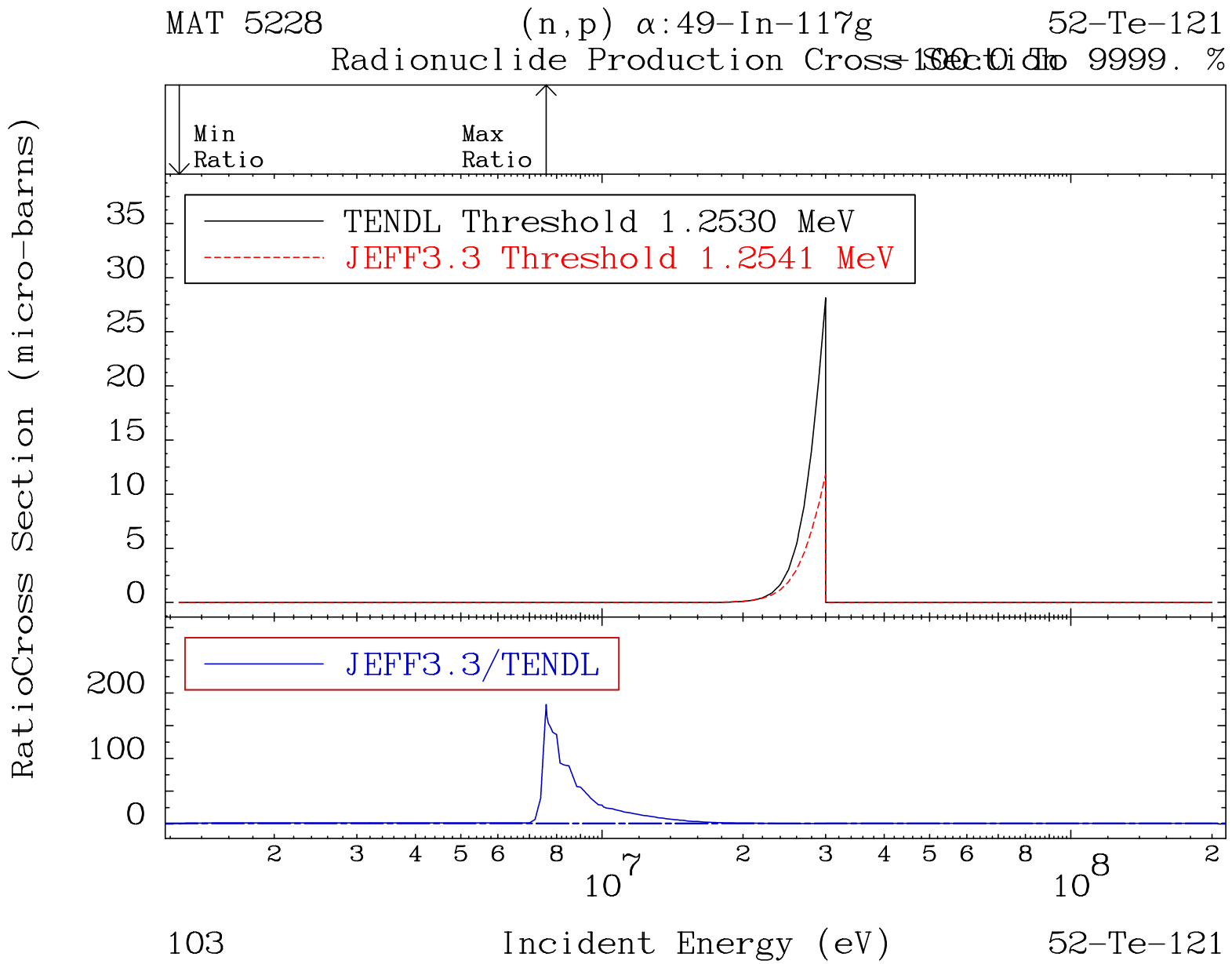

MAT 5228 (n,n') p α:49-In-116m1 52-Te-121
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 10.219 MeV
JEFF3.3 Threshold 10.220 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
98
52-Te-121

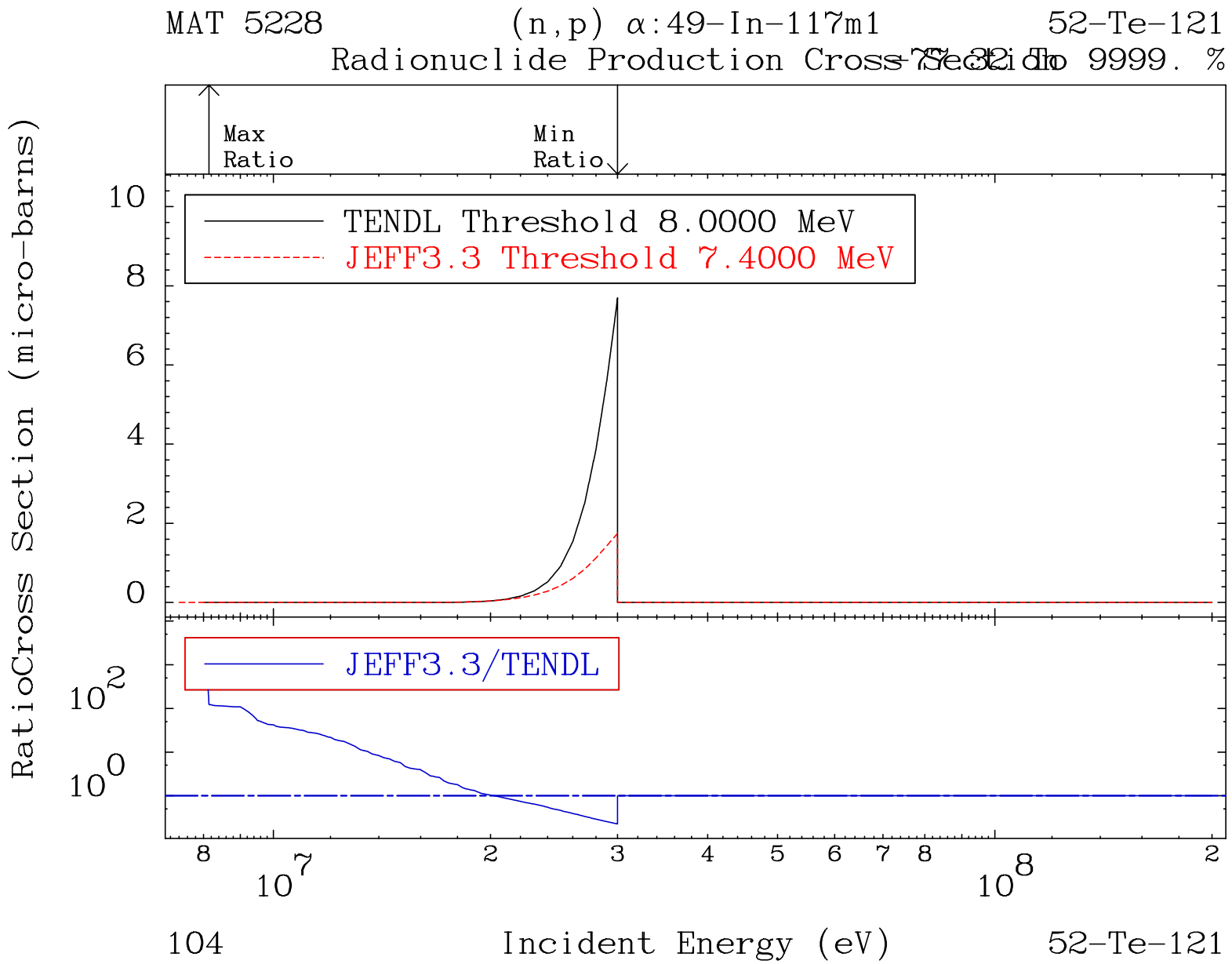

MAT 5228 (n,n') p α:49-In-116m4 52-Te-121
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 10.383 MeV
JEFF3.3 Threshold 10.384 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
99
52-Te-121

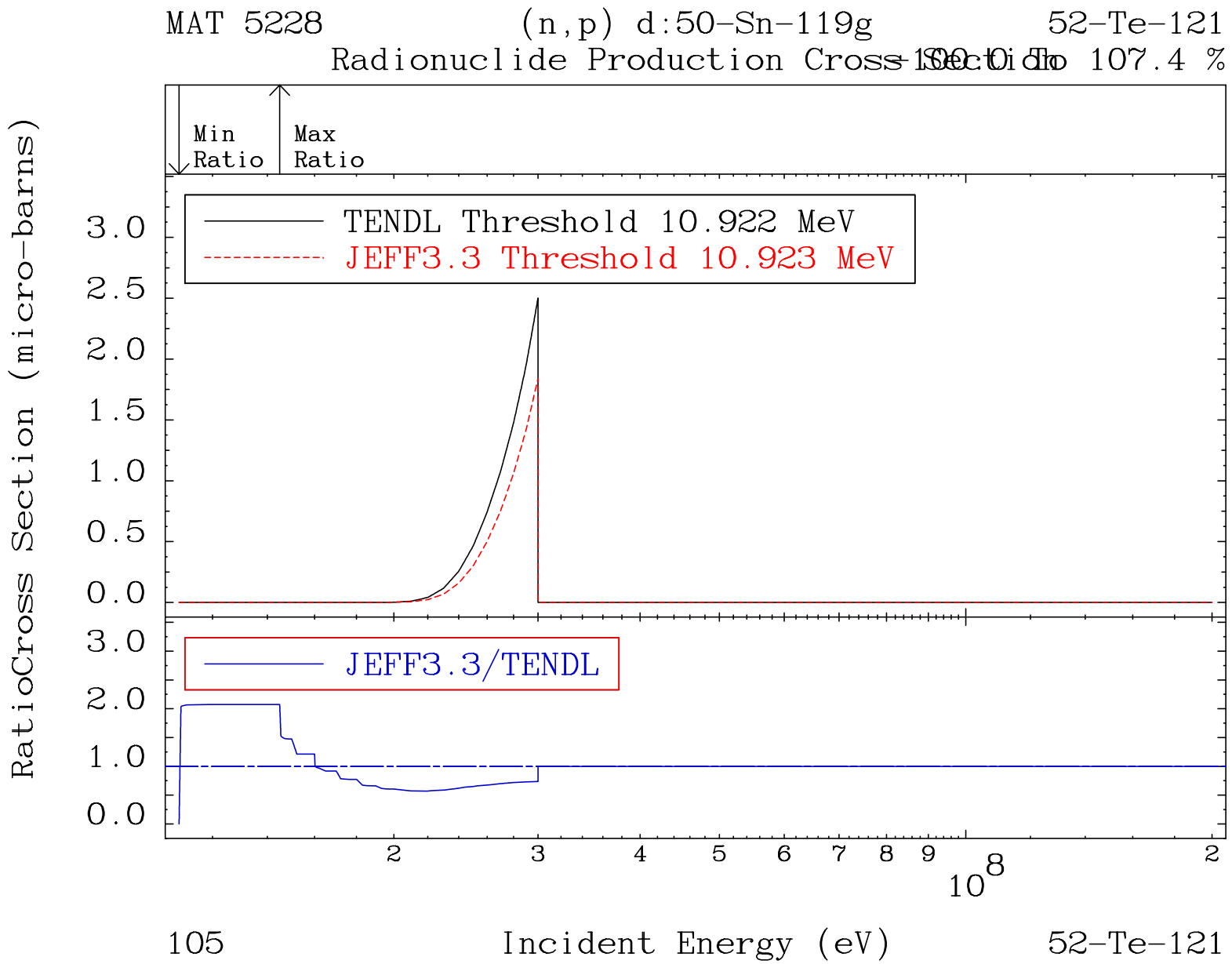

MAT 5228
(n,d):51-Sb-120g
52-Te-121
Radionuclide Production Cross Section To 8.990 %
Min Ratio
Max Ratio
TENDL Threshold 5.2337 MeV
JEFF3.3 Threshold 5.2337 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
15
10
5
0
1.2
0.6
0.0
5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
100
Incident Energy (eV)
52-Te-121

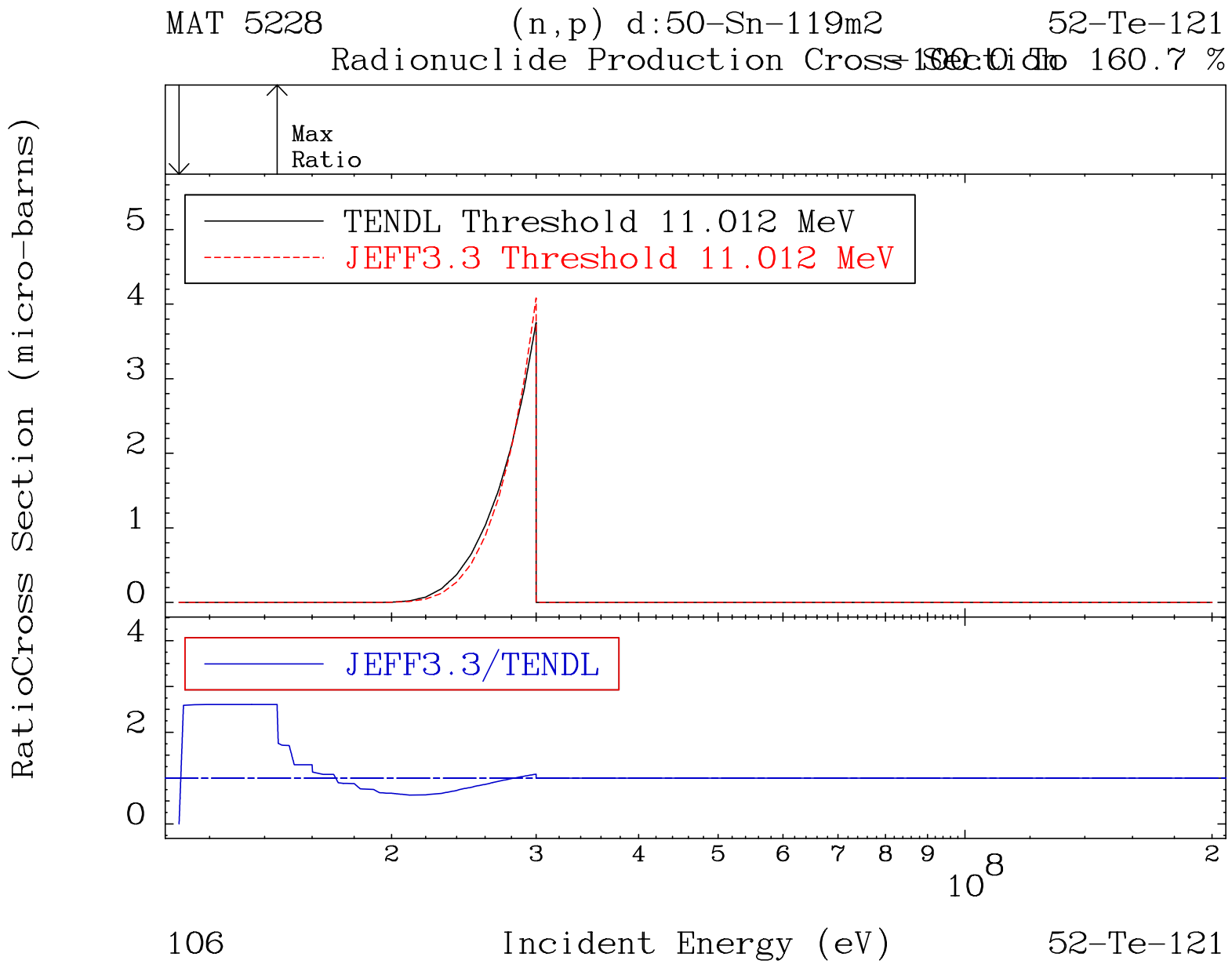

MAT 5228
(n,He-3):50-Sn-119g
52-Te-121
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 5.3826 MeV
JEFF3.3 Threshold 5.3836 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
1.0
0.8
0.6
0.4
0.2
0.0
1.2
0.6
0.0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
101
Incident Energy (eV)
52-Te-121

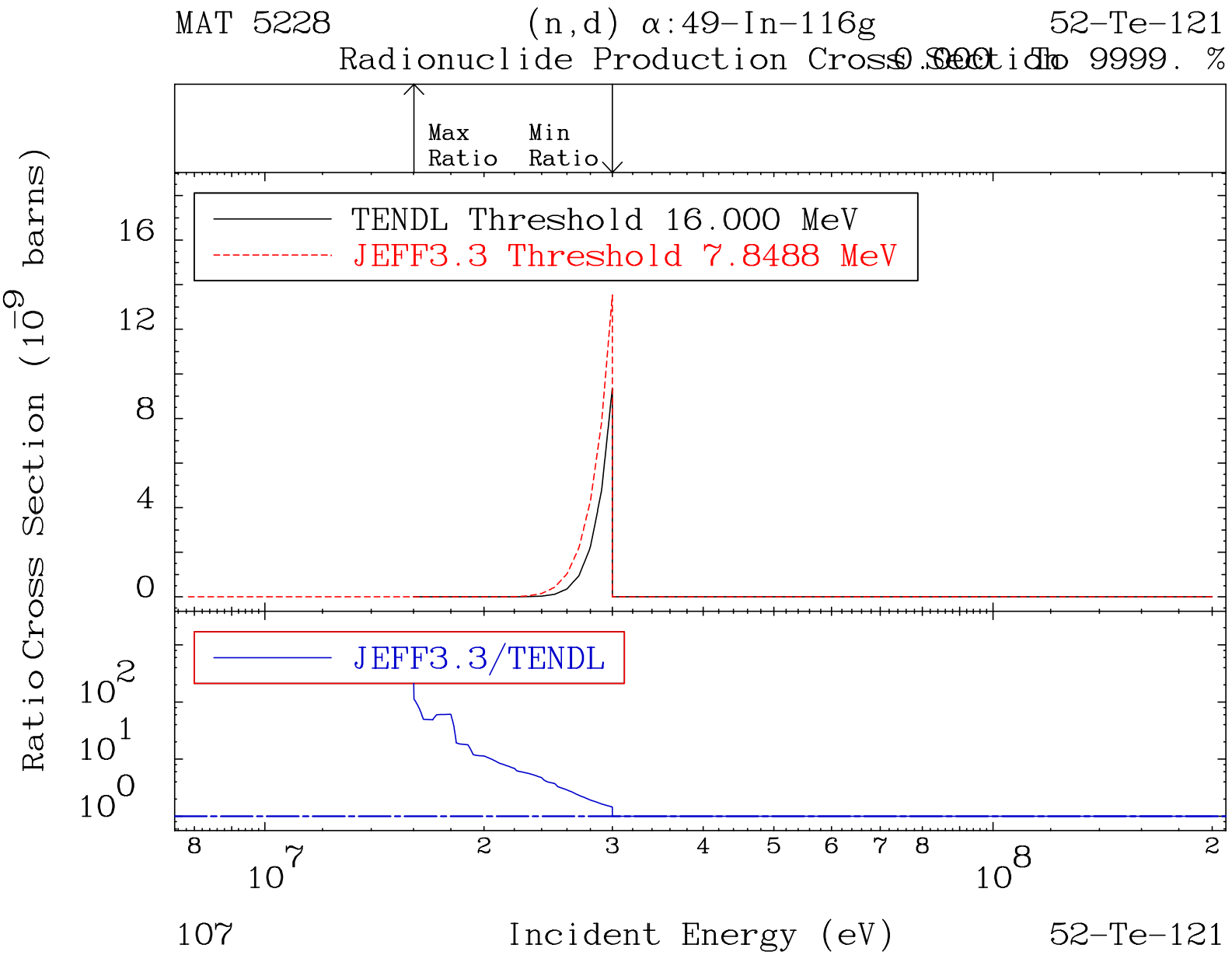

MAT 5228
(n,He-3):50-Sn-119m2
52-Te-121
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 5.4728 MeV
JEFF3.3 Threshold 5.4739 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
1.5
1.0
0.5
0.0
1.0
0.0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
102
Incident Energy (eV)
52-Te-121

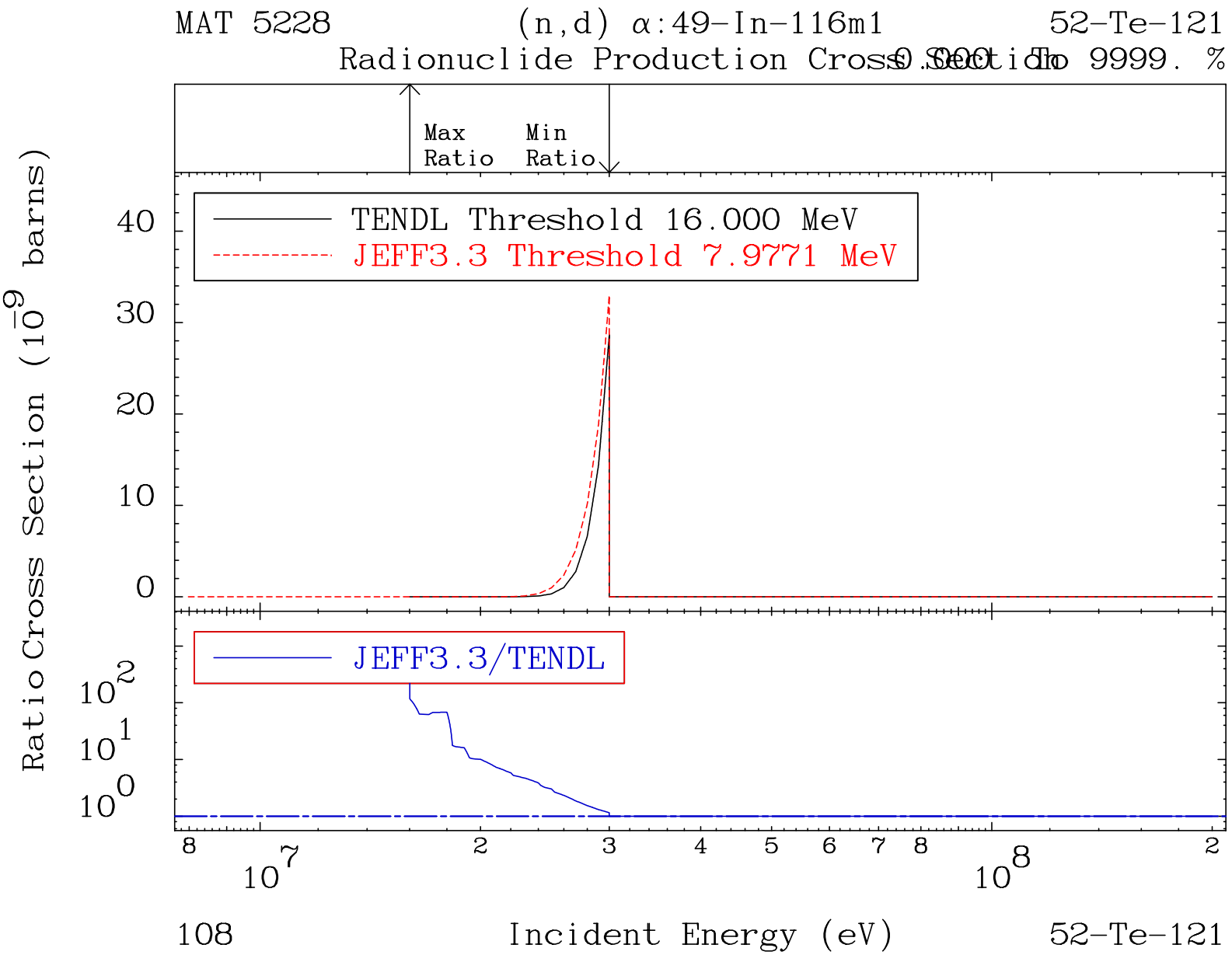

MAT 5228
(n,p) α:49-In-117g
52-Te-121
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 1.2530 MeV
JEFF3.3 Threshold 1.2541 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
103
52-Te-121

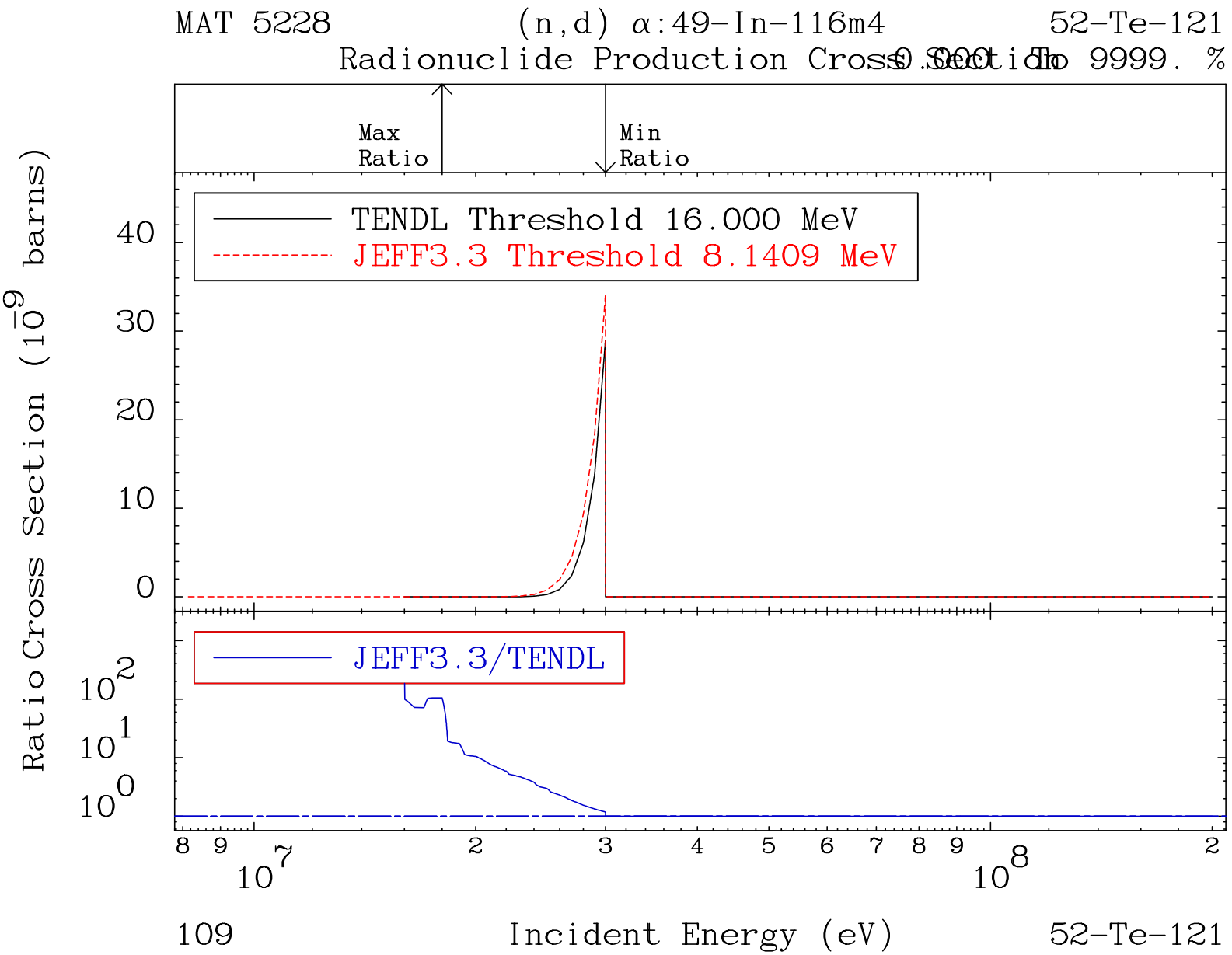

MAT 5228
(n,p) α:49-In-117m1
52-Te-121
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 8.0000 MeV
JEFF3.3 Threshold 7.4000 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
104
52-Te-121


MAT 5228
(n,p) d:50-Sn-119g
52-Te-121
Radionuclide Production Cross Section To 107.4 %
Min Ratio
Max Ratio
TENDL Threshold 10.922 MeV
JEFF3.3 Threshold 10.923 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2
3
4
5
6
7
8
9
2
10^8
105
Incident Energy (eV)
52-Te-121


MAT 5228
(n,p) d:50-Sn-119m2
52-Te-121
Radionuclide Production Cross Section To 160.7 %
Max
Ratio
TENDL Threshold 11.012 MeV
JEFF3.3 Threshold 11.012 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
106
52-Te-121


MAT 5228
(n,d) α:49-In-116g
52-Te-121
Radionuclide Production Cross Section
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 16.000 MeV
JEFF3.3 Threshold 7.8488 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
16
12
8
4
0
10^2
10^1
10^0
8
10^7
2
3
4
5
6
7
8
10^8
2
107
Incident Energy (eV)
52-Te-121


MAT 5228
(n,d) α:49-In-116m1
52-Te-121
Radionuclide Production Cross Section
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 16.000 MeV
JEFF3.3 Threshold 7.9771 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
40
30
20
10
0
10^2
10^1
10^0
8
10^7
2
3
4
5
6
7
8
10^8
2
108
Incident Energy (eV)
52-Te-121


MAT 5228
(n,d) α:49-In-116m4
52-Te-121
Radionuclide Production Cross Section
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 16.000 MeV
JEFF3.3 Threshold 8.1409 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
40
30
20
10
0
10^{2}
10^{1}
10^{0}
8 9 10^{7} 2 3 4 5 6 7 8 9 10^{8} 2
109
Incident Energy (eV)
52-Te-121