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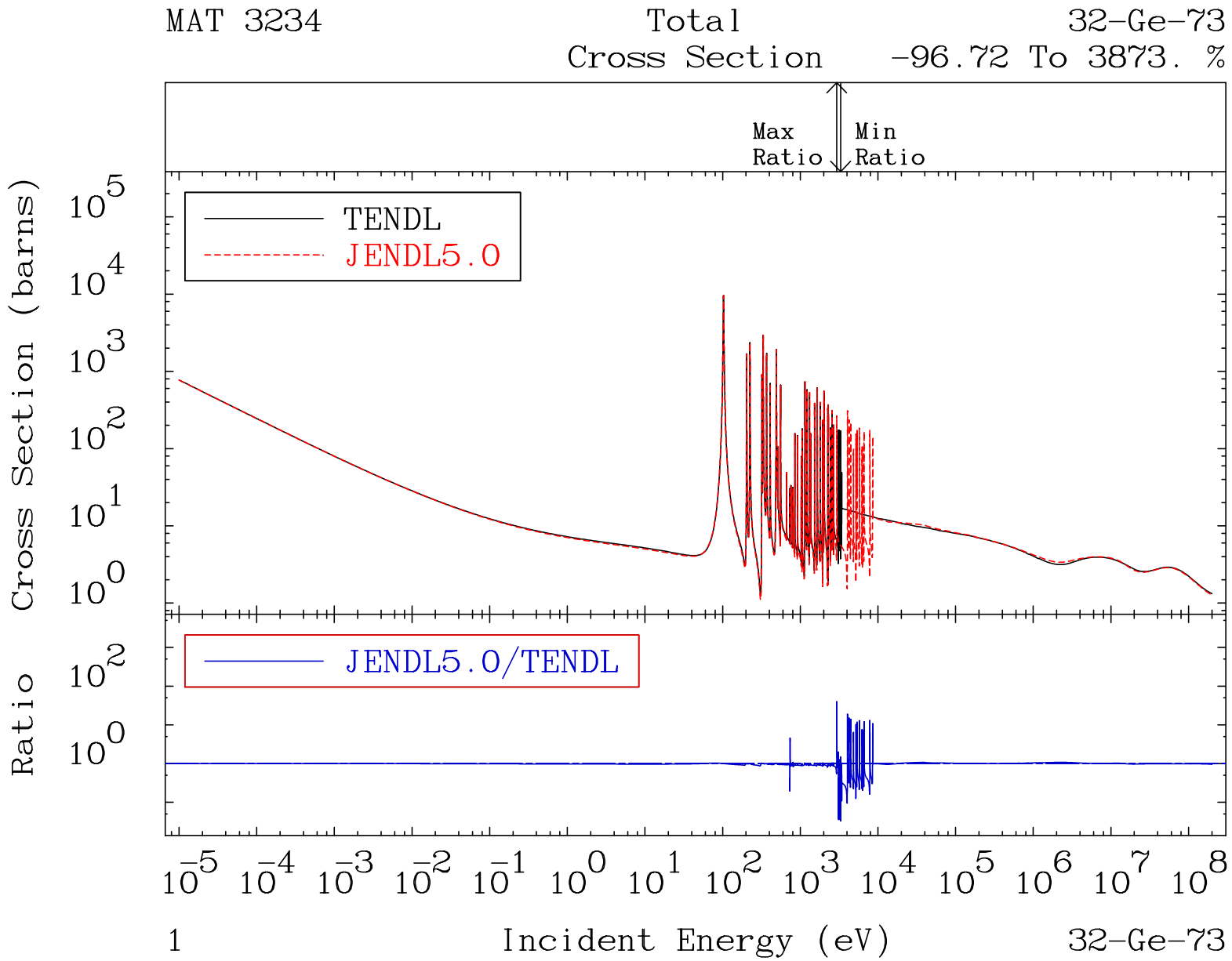
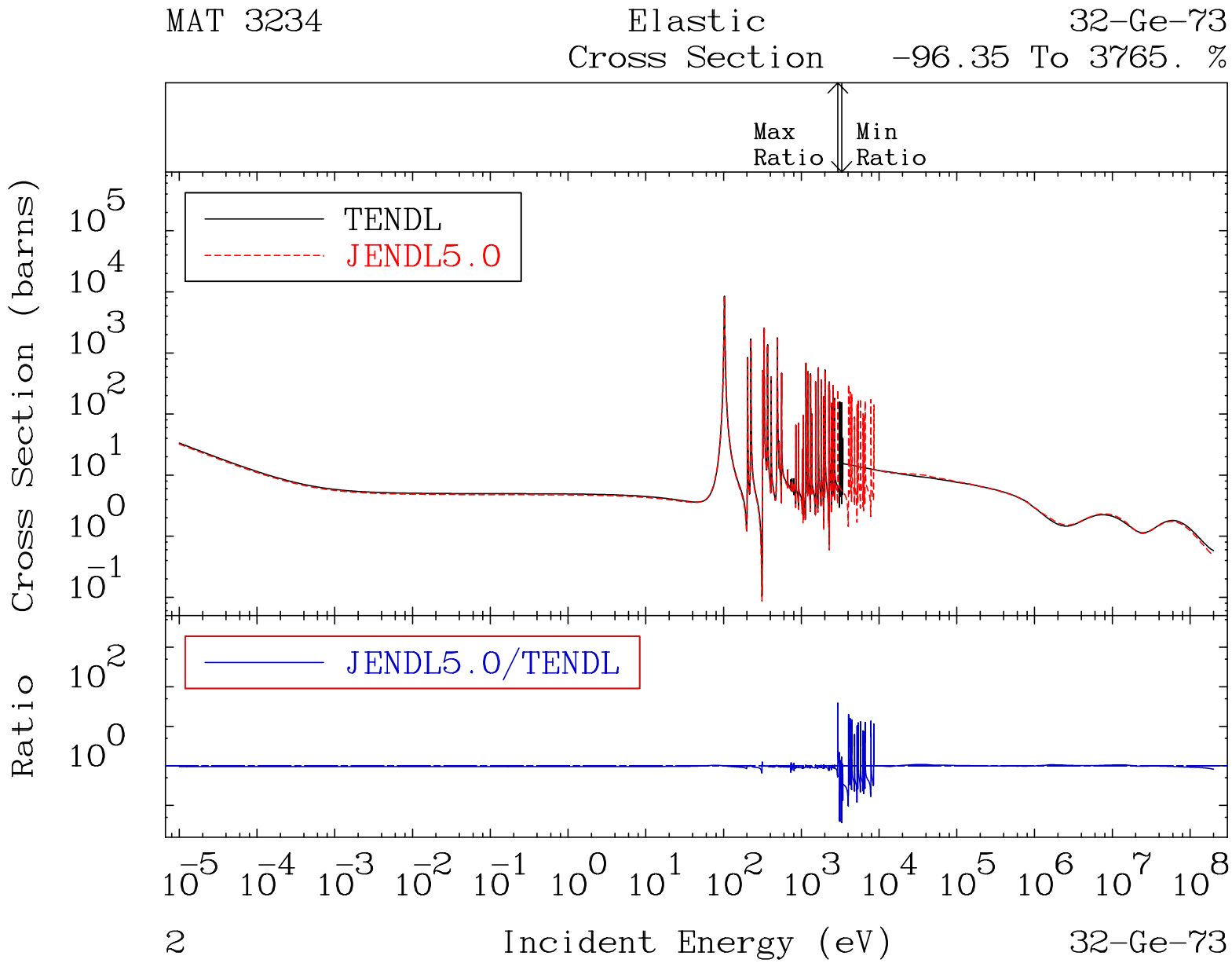
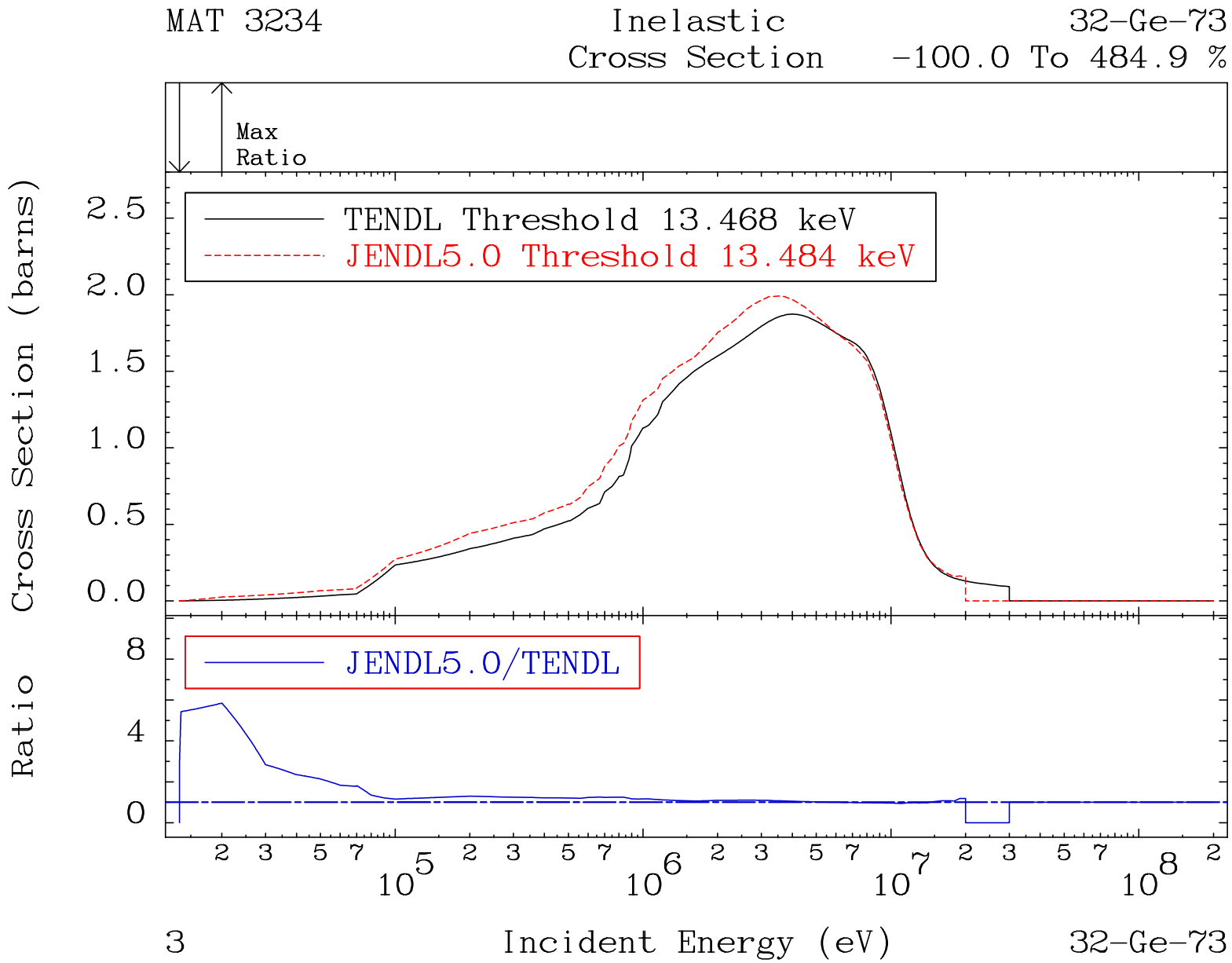
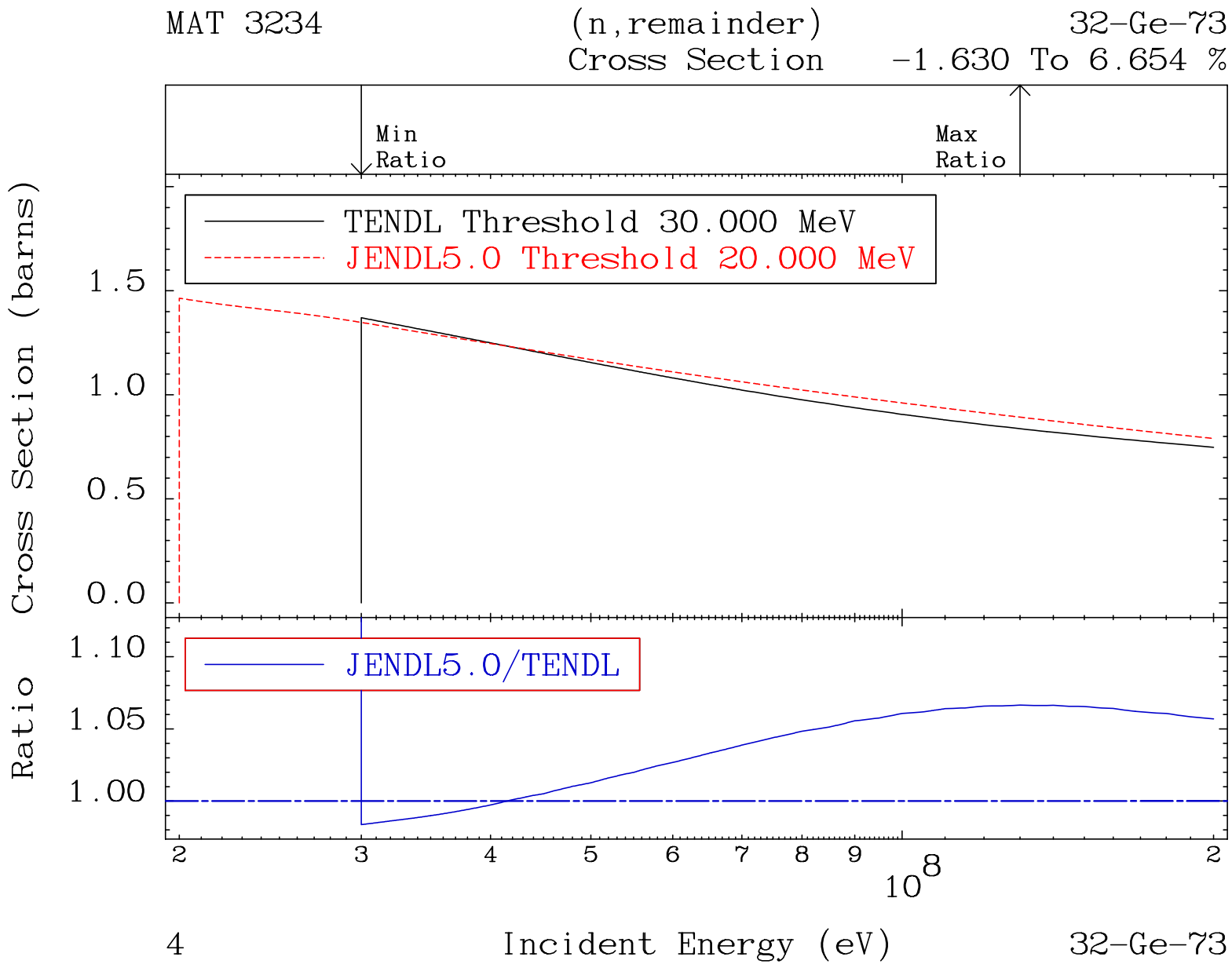
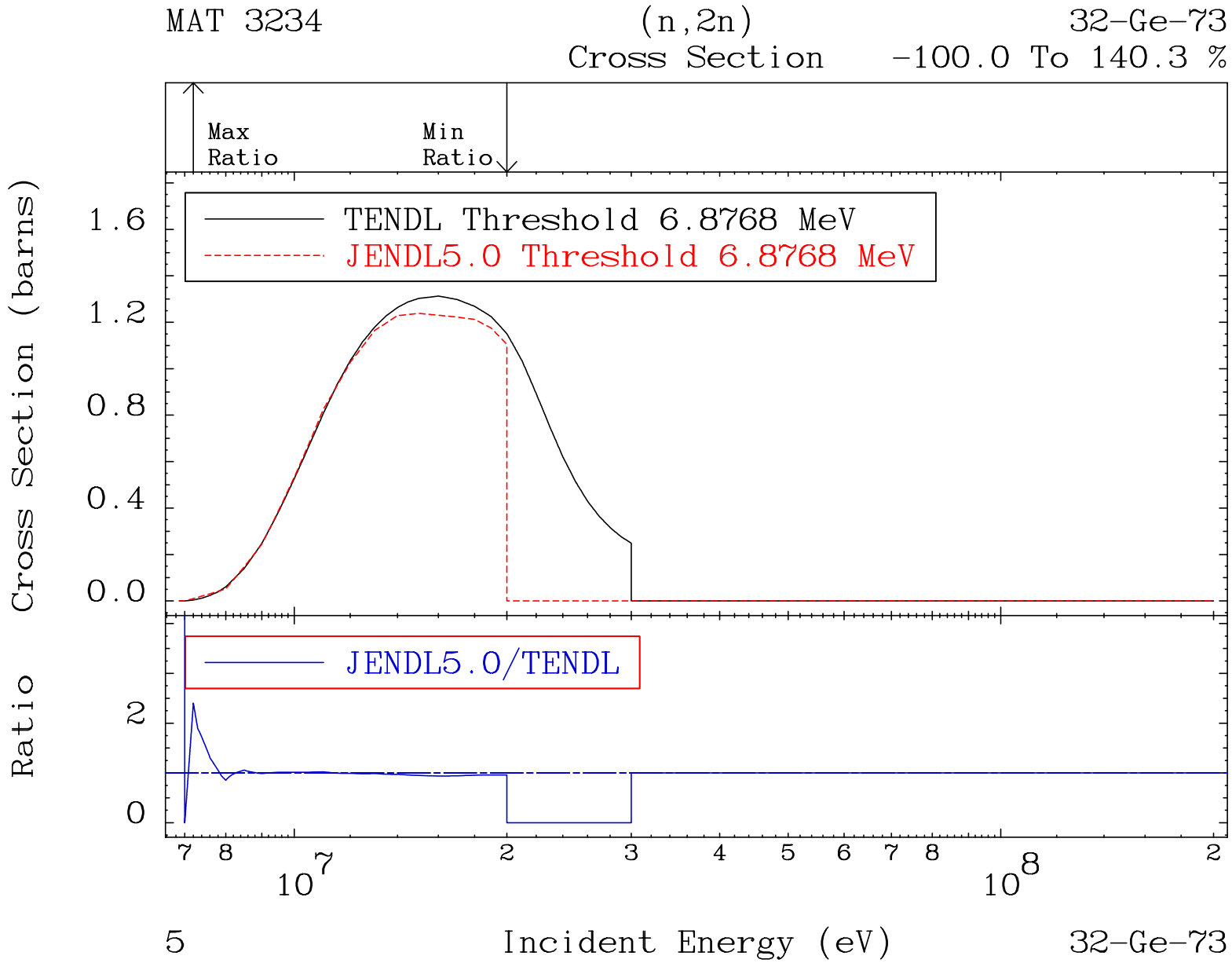
Press Mouse Button to Start

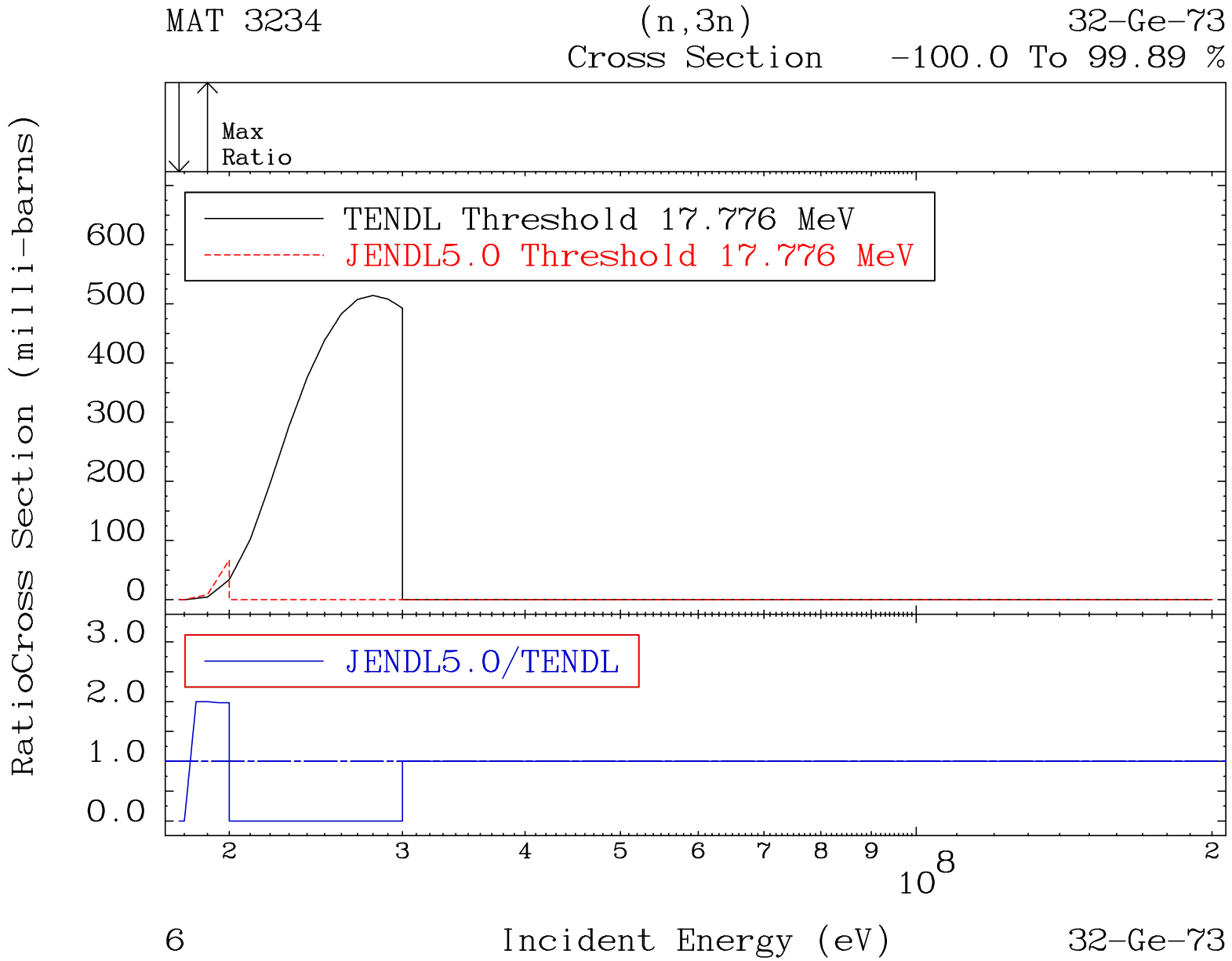

MAT 3234
Total
Cross Section
32-Ge-73
-96.72 To 3873. %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
1
32-Ge-73

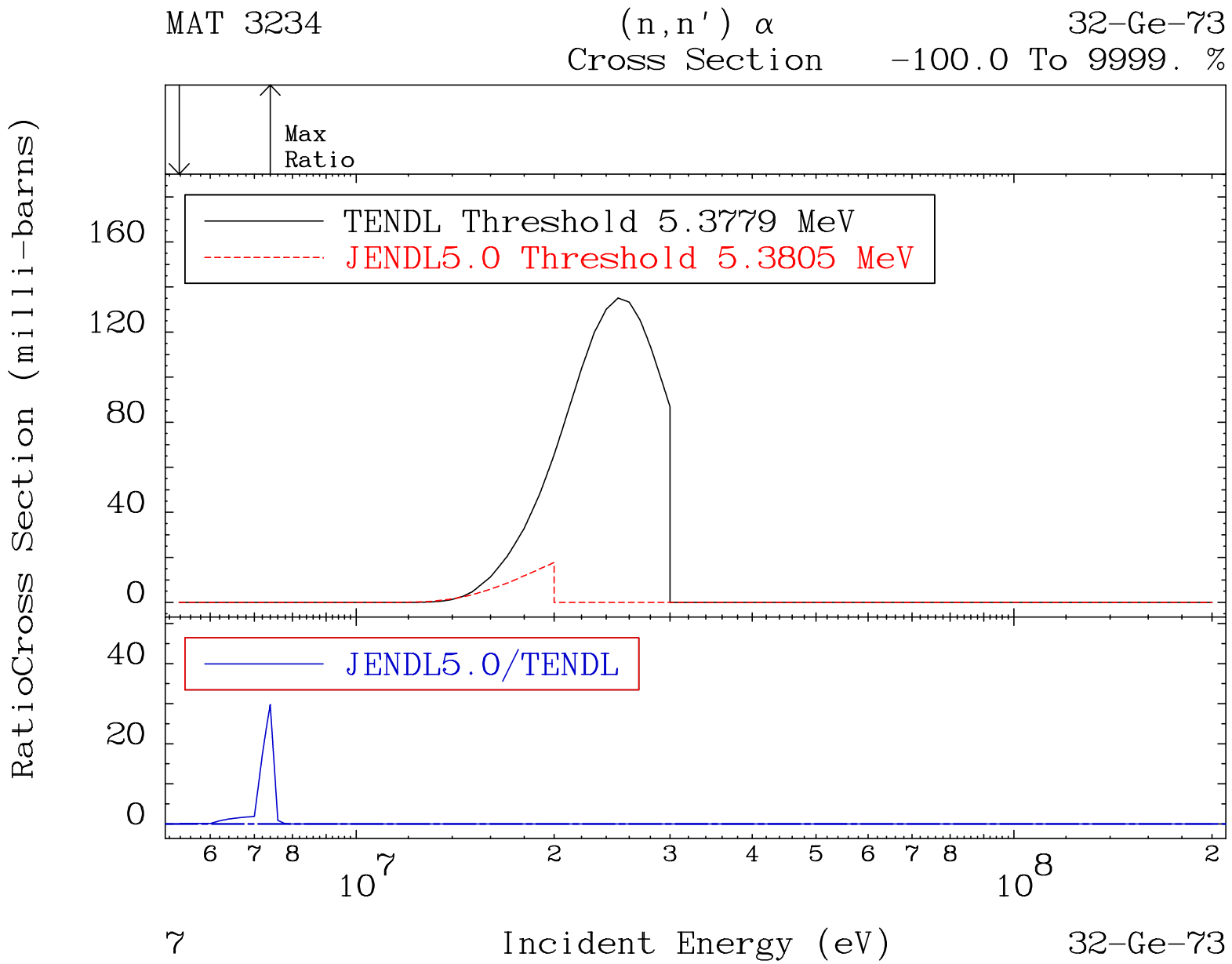

MAT 3234
Elastic
Cross Section
32-Ge-73
-96.35 To 3765. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
32-Ge-73

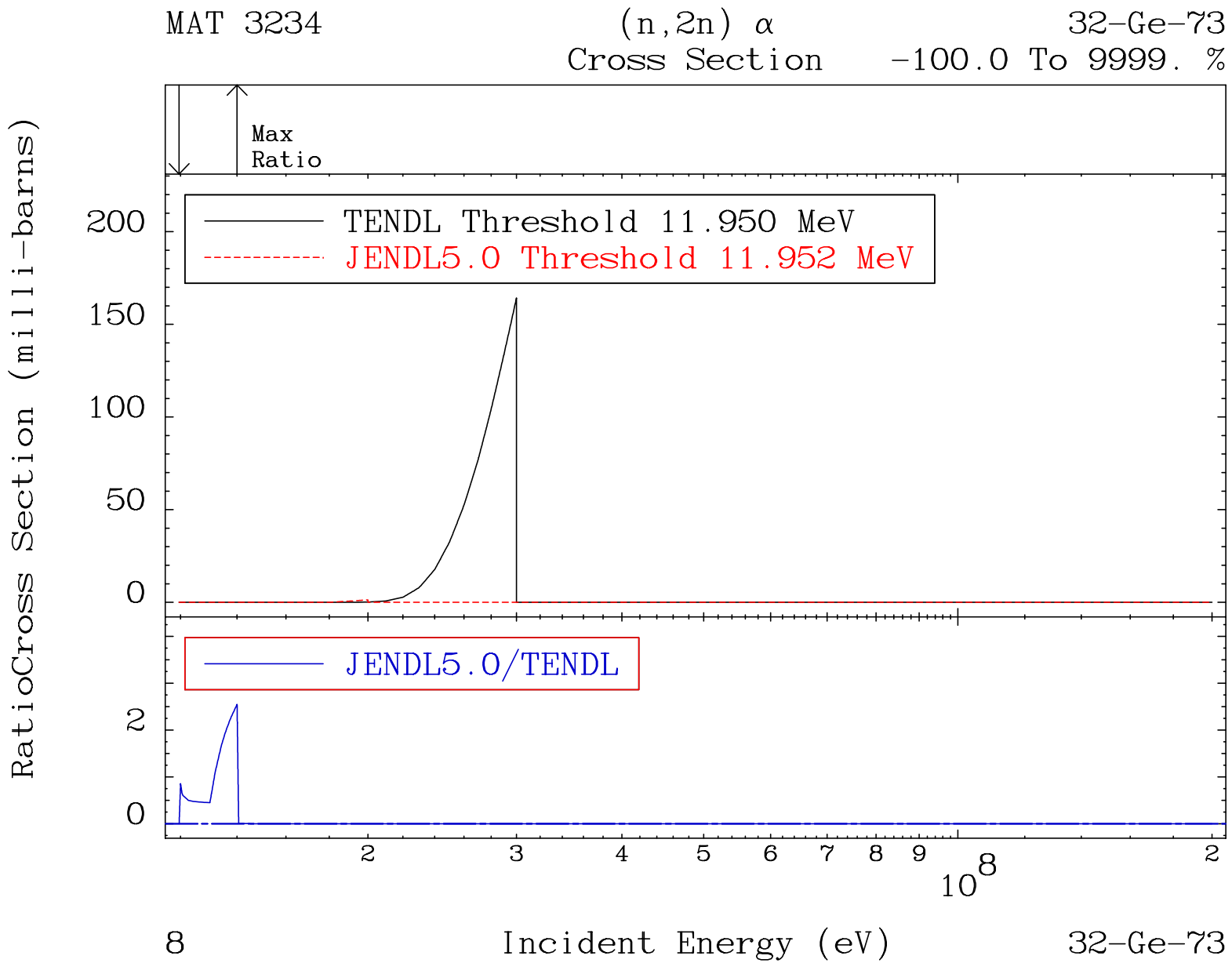

MAT 3234
Inelastic
Cross Section
32-Ge-73
-100.0 To 484.9 %
Max
Ratio
TENDL Threshold 13.468 keV
JENDL5.0 Threshold 13.484 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
3
32-Ge-73

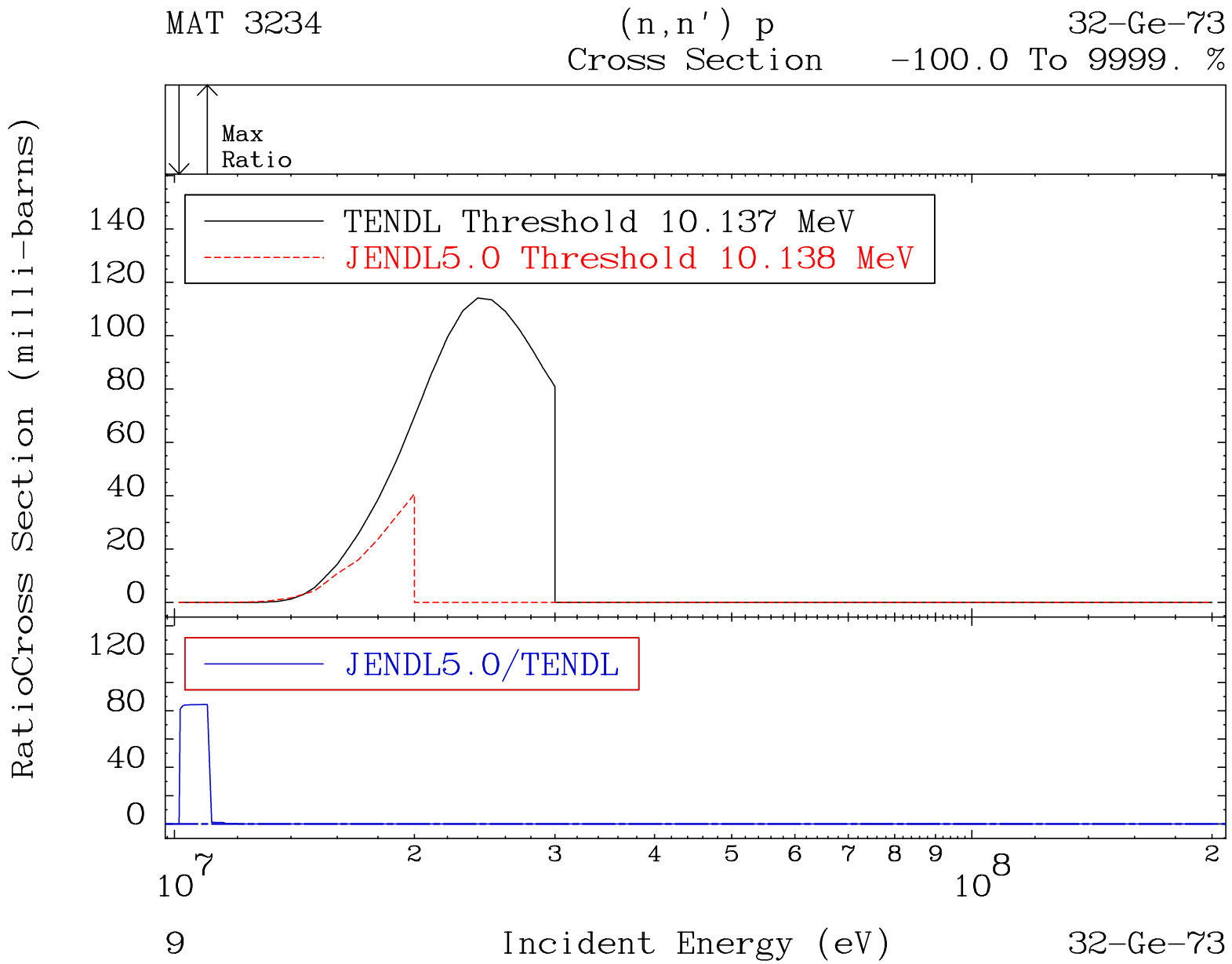

MAT 3234
(n,remainder)
Cross Section
32-Ge-73
-1.630 To 6.654 %
Min
Ratio
Max
Ratio
TENDL Threshold 30.000 MeV
JENDL5.0 Threshold 20.000 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
1.10
1.05
1.00
2
3
4
5
6
7
8
9
2
10^8
Incident Energy (eV)
4
32-Ge-73

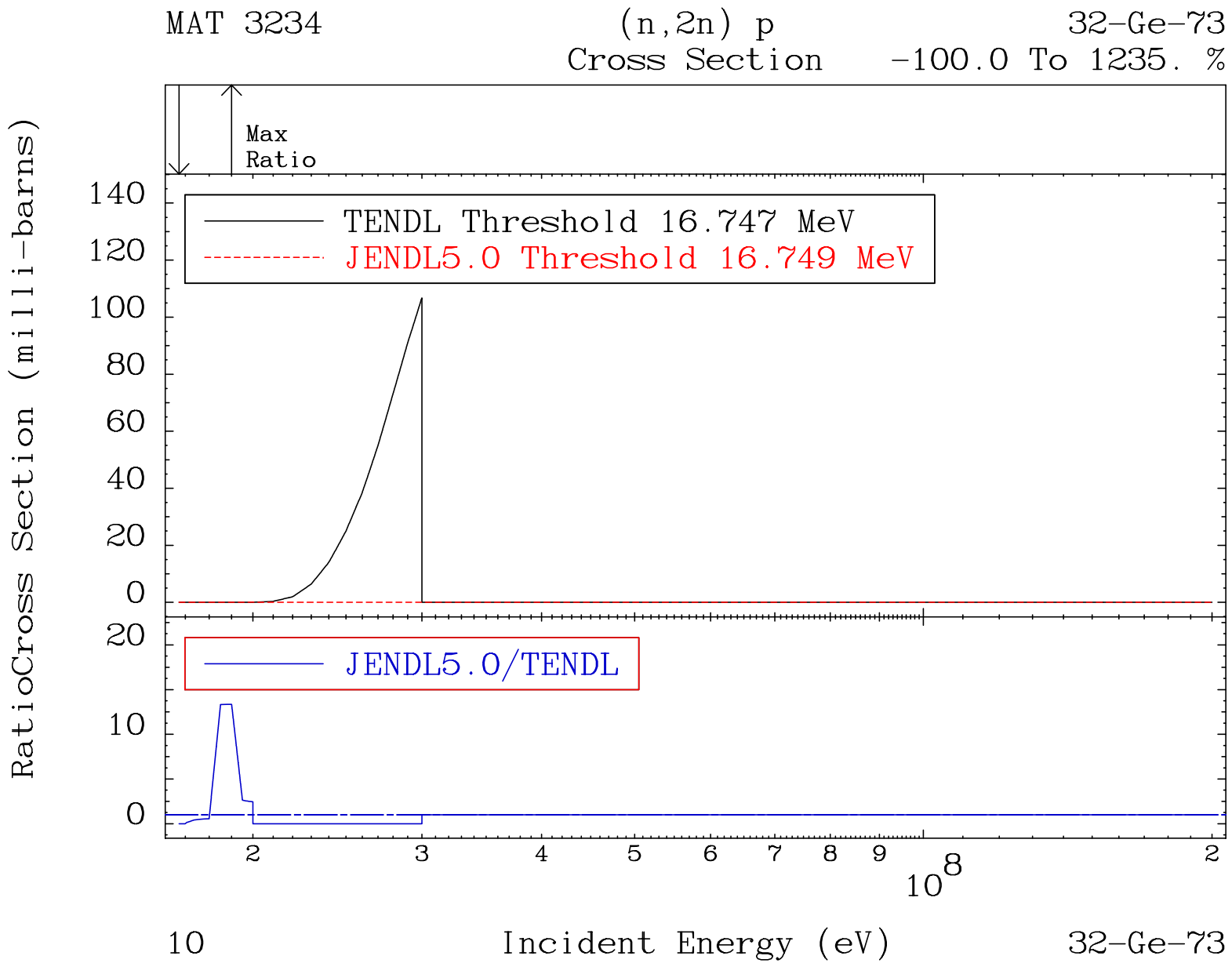

MAT 3234
(n,2n)
Cross Section
32-Ge-73
-100.0 To 140.3 %
Max Ratio
Min Ratio
TENDL Threshold 6.8768 MeV
JENDL5.0 Threshold 6.8768 MeV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.6
1.2
0.8
0.4
0.0
2
0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
Incident Energy (eV)
5
32-Ge-73

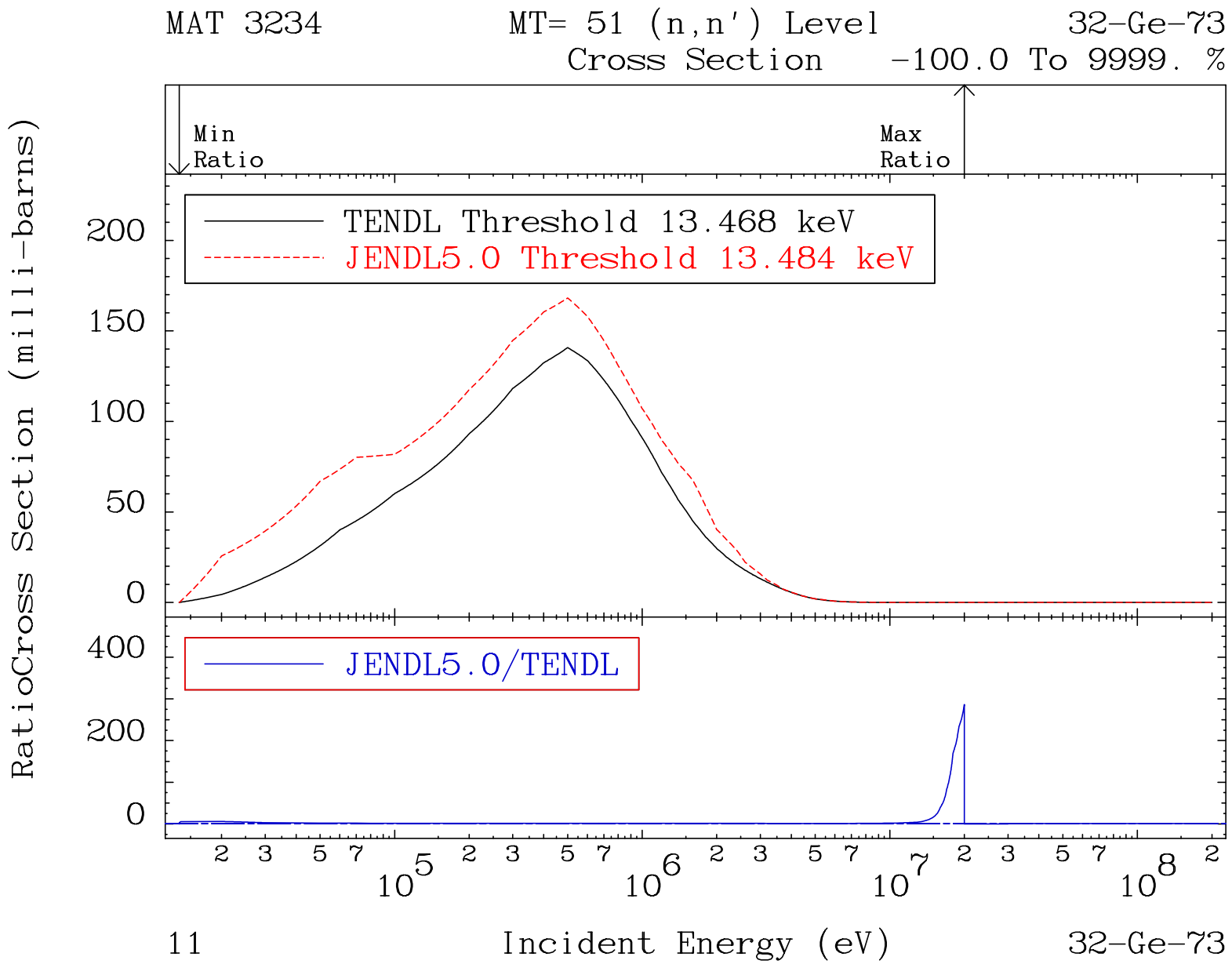

MAT 3234
(n,3n)
Cross Section
32-Ge-73
-100.0 To 99.89 %
Max
Ratio
TENDL Threshold 17.776 MeV
JENDL5.0 Threshold 17.776 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
600
500
400
300
200
100
0
3.0
2.0
1.0
0.0
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
32-Ge-73

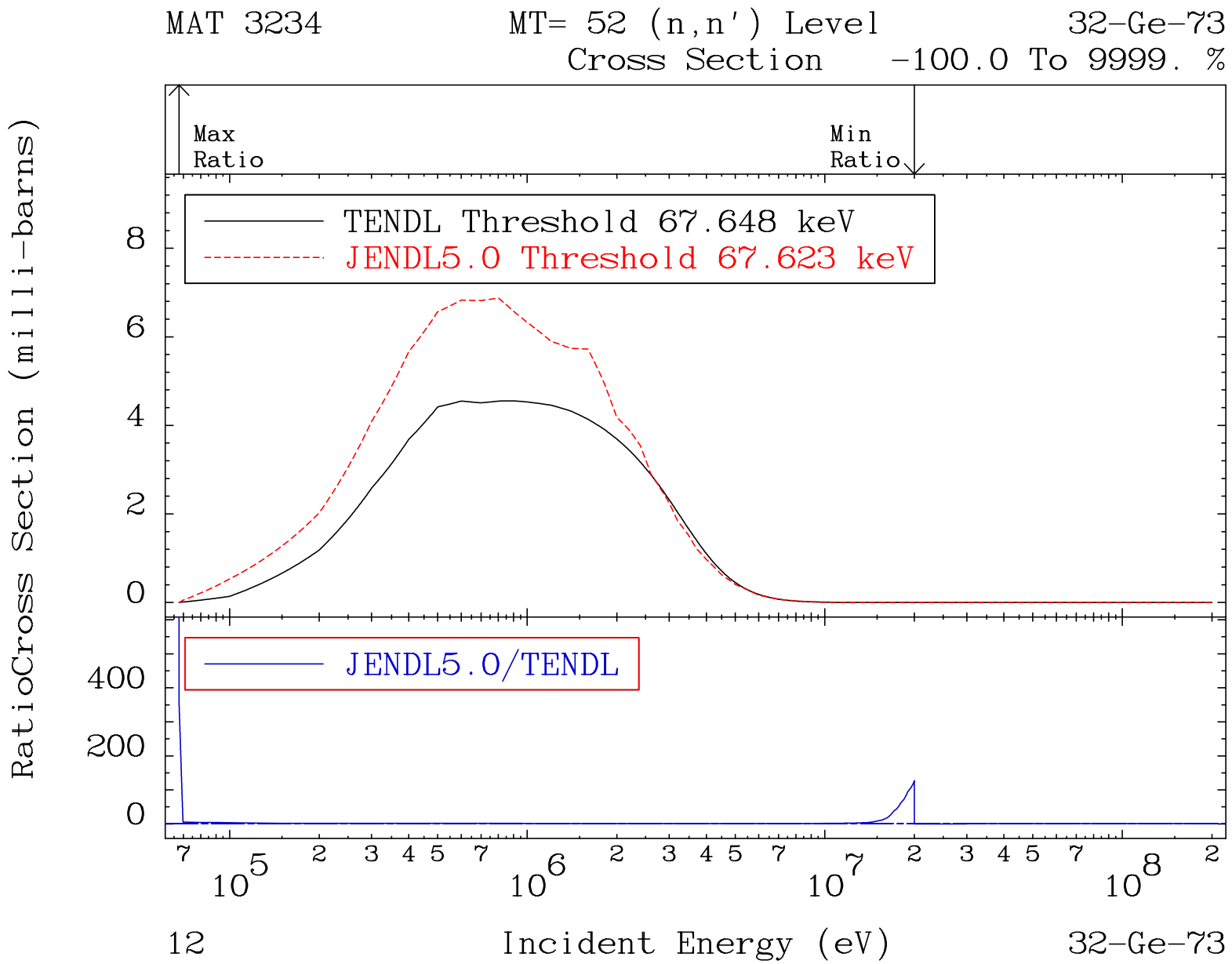

MAT 3234
(n,n') α
Cross Section
32-Ge-73
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 5.3779 MeV
JENDL5.0 Threshold 5.3805 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
40
20
0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
7
Incident Energy (eV)
32-Ge-73

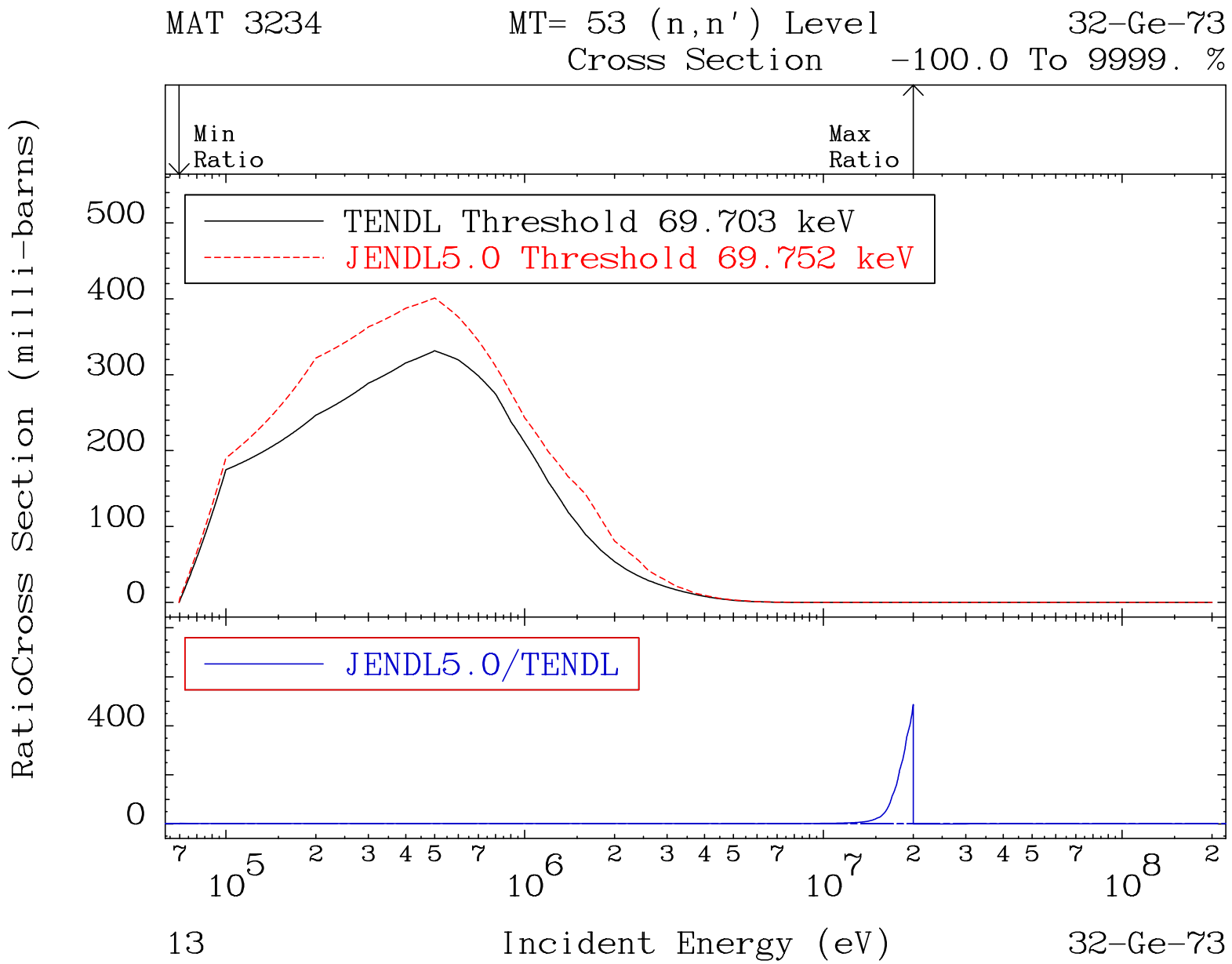

MAT 3234
(n,2n) α
Cross Section
32-Ge-73
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 11.950 MeV
JENDL5.0 Threshold 11.952 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
2
0
2
3
4
5
6
7
8
9
10^8
2
8
Incident Energy (eV)
32-Ge-73

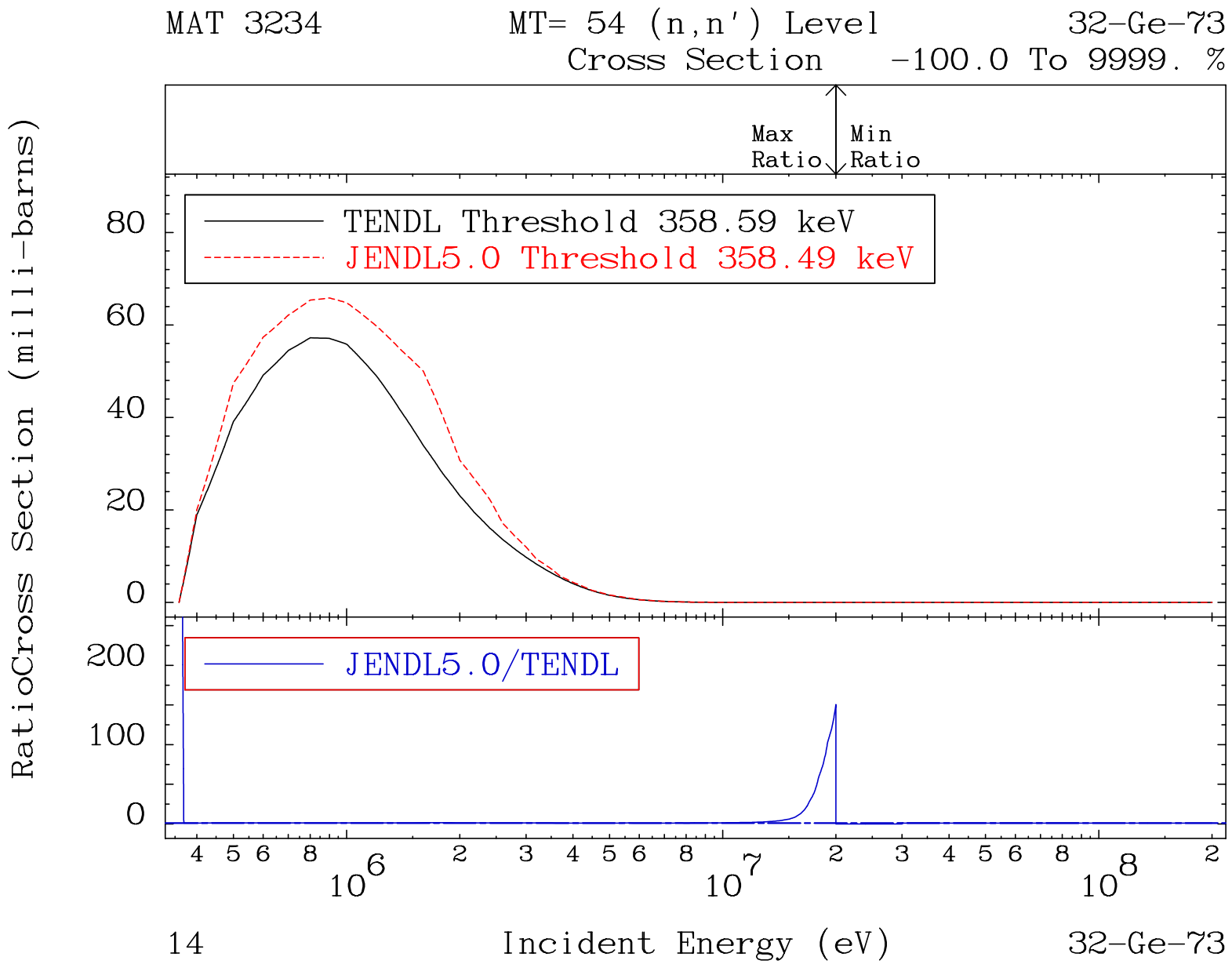

MAT 3234
(n,n') p
Cross Section
32-Ge-73
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 10.137 MeV
JENDL5.0 Threshold 10.138 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
120
80
40
0
10^7
2
3
4
5
6
7
8
9
10^8
2
9
Incident Energy (eV)
32-Ge-73

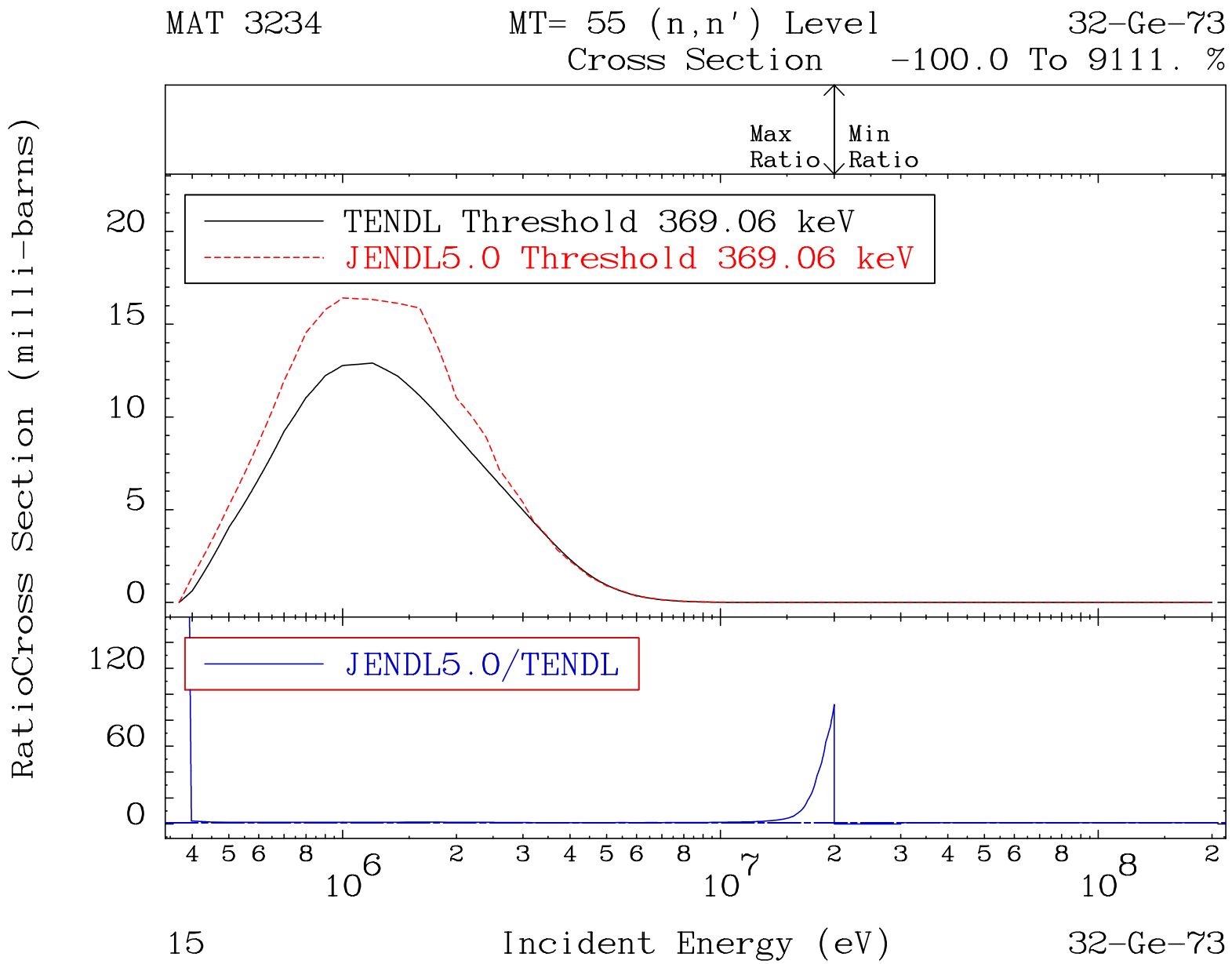

MAT 3234
(n,2n) p
Cross Section
32-Ge-73
-100.0 To 1235. %
Max
Ratio
TENDL Threshold 16.747 MeV
JENDL5.0 Threshold 16.749 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
20
10
0
2
3
4
5
6
7
8
9
2
10^8
10
Incident Energy (eV)
32-Ge-73

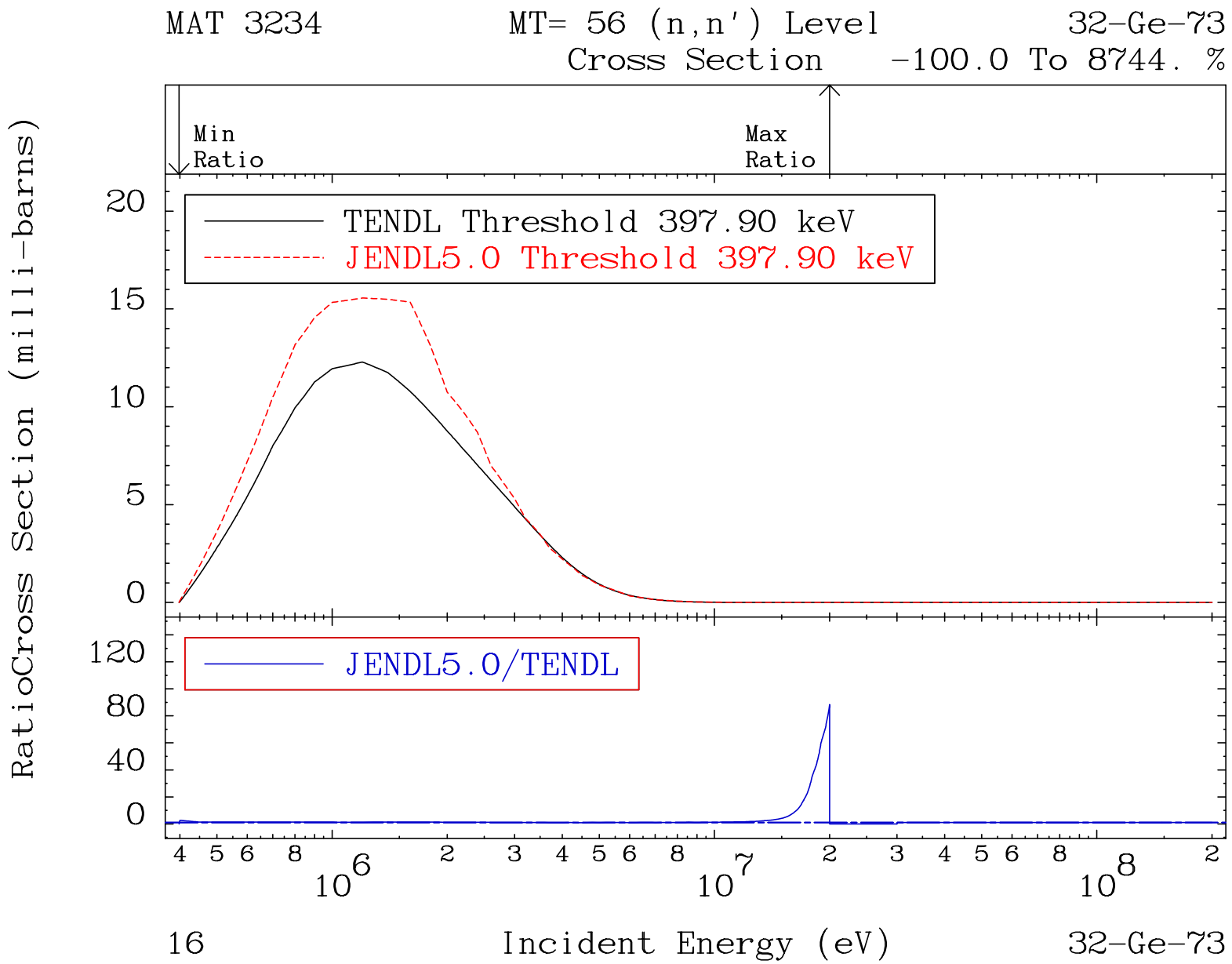

MAT 3234
MT= 51 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 13.468 keV
JENDL5.0 Threshold 13.484 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
400
200
0
2 3 5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
11
Incident Energy (eV)
32-Ge-73

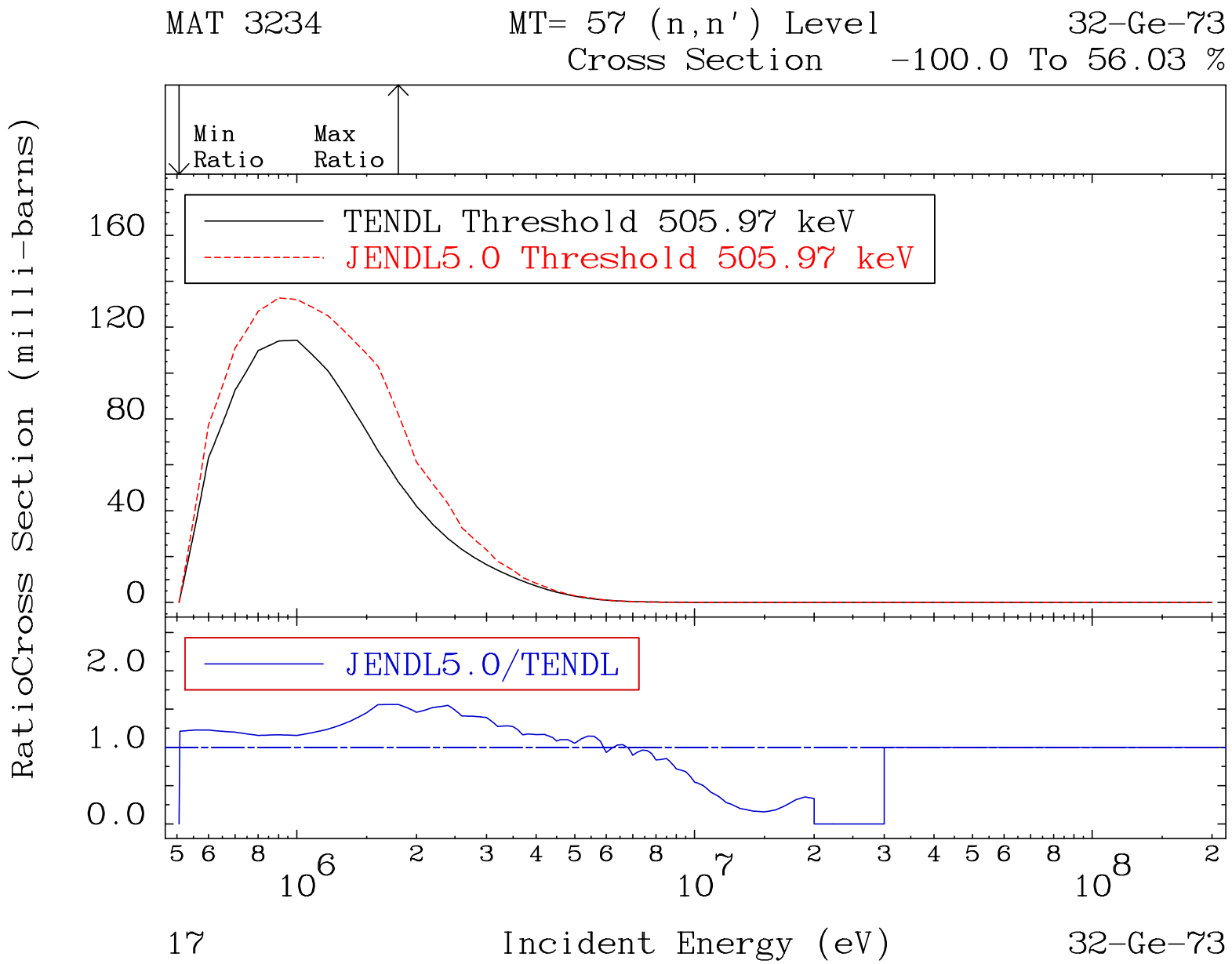

MAT 3234
MT= 52 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 67.648 keV
JENDL5.0 Threshold 67.623 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
12
32-Ge-73

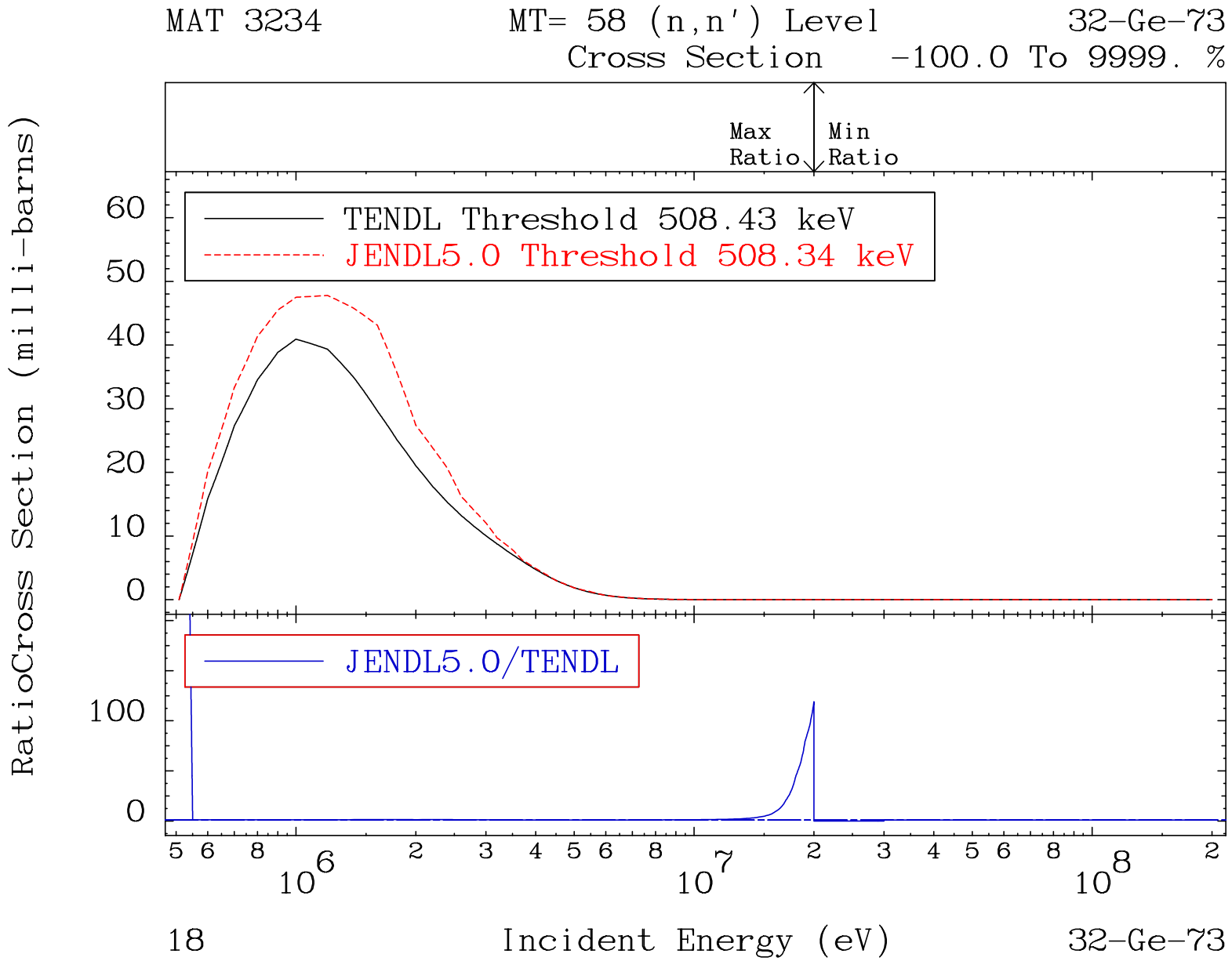

MAT 3234
MT= 53 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 69.703 keV
JENDL5.0 Threshold 69.752 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
400
0
7 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2
10^5 10^6 10^7 10^8
13
Incident Energy (eV)
32-Ge-73

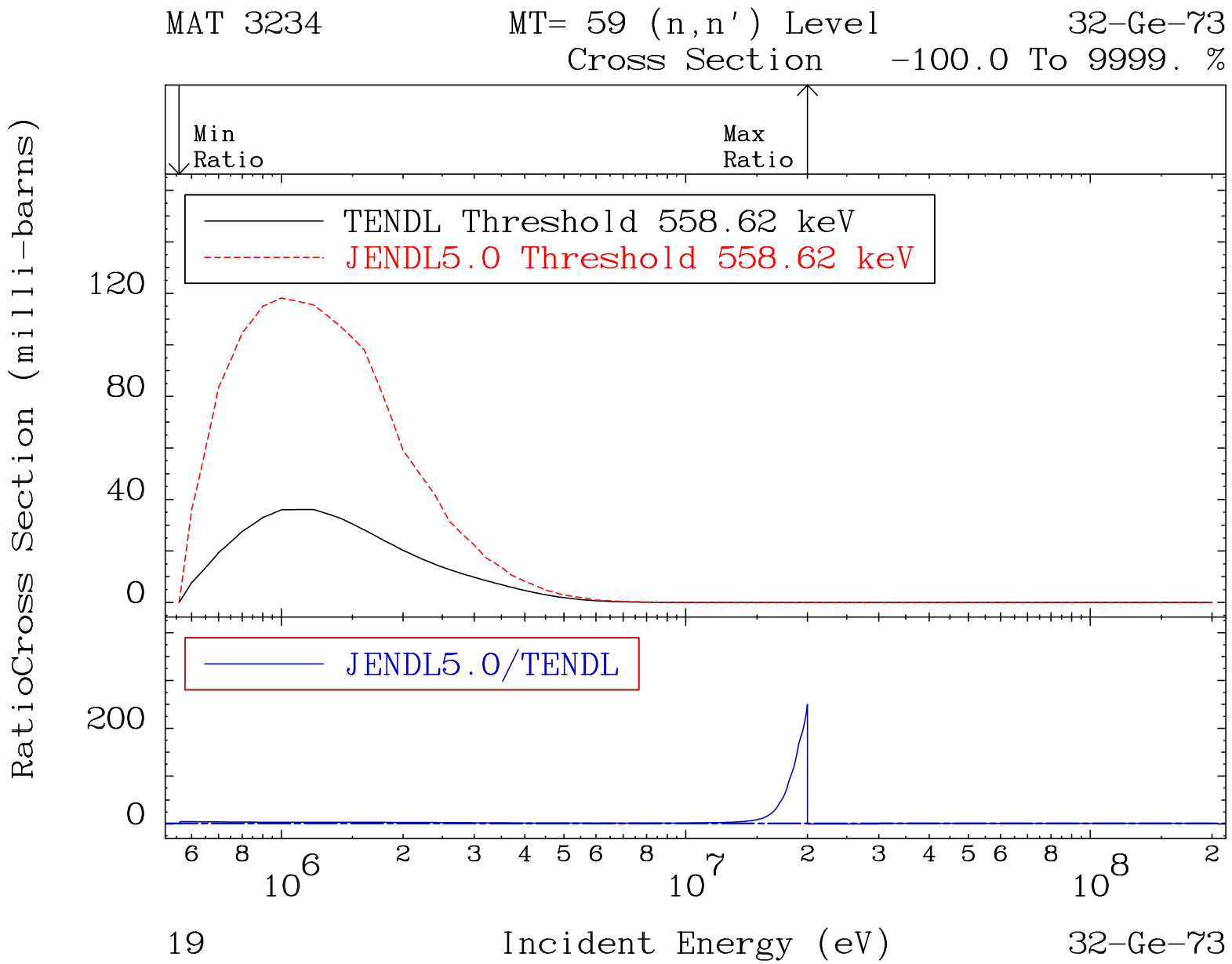

MAT 3234
MT= 54 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 358.59 keV
JENDL5.0 Threshold 358.49 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
200
100
0
4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
14
Incident Energy (eV)
32-Ge-73

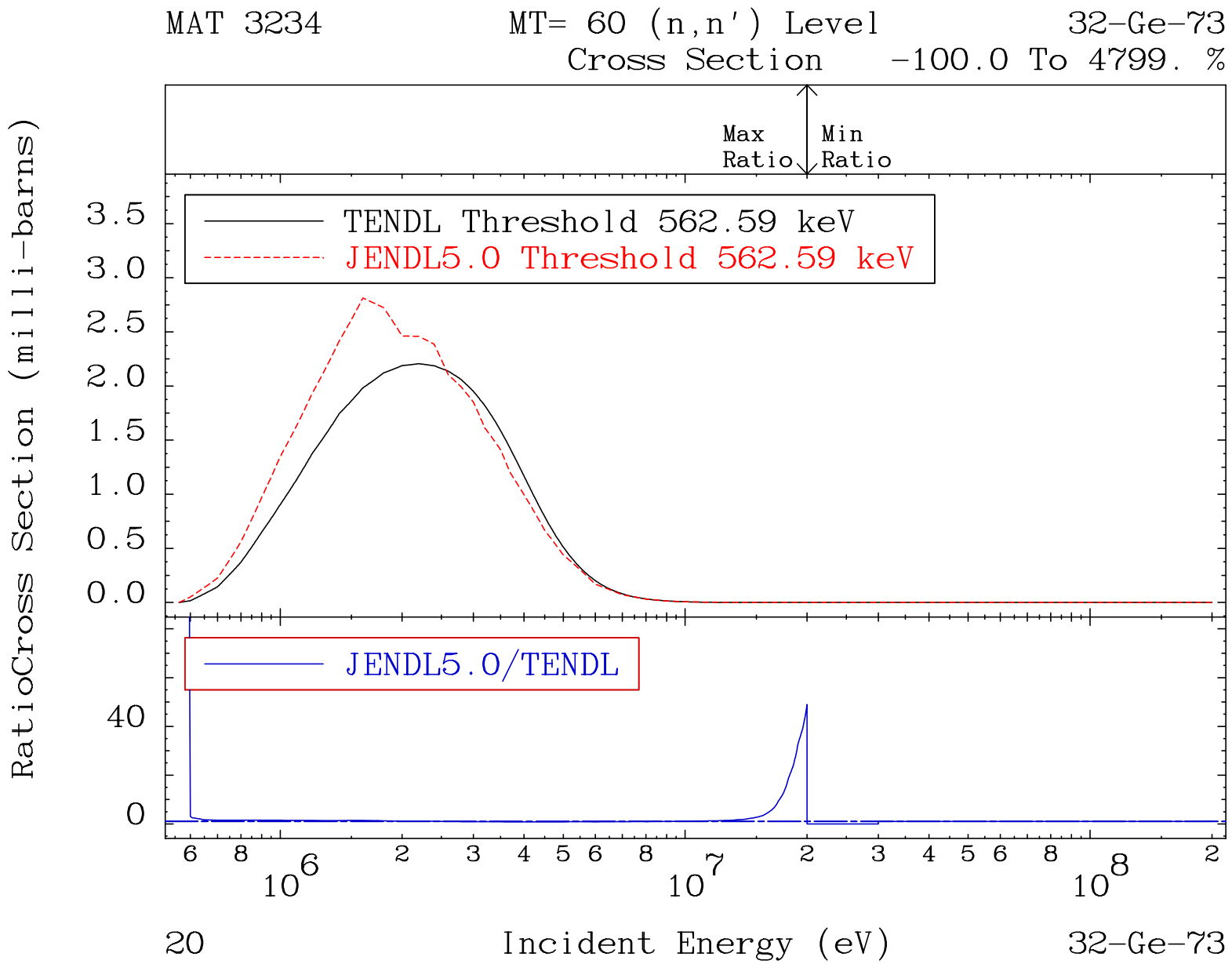

MAT 3234
MT= 55 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9111. %
Max Ratio
Min Ratio
TENDL Threshold 369.06 keV
JENDL5.0 Threshold 369.06 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
20
15
10
5
0
120
60
0
4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
15
Incident Energy (eV)
32-Ge-73

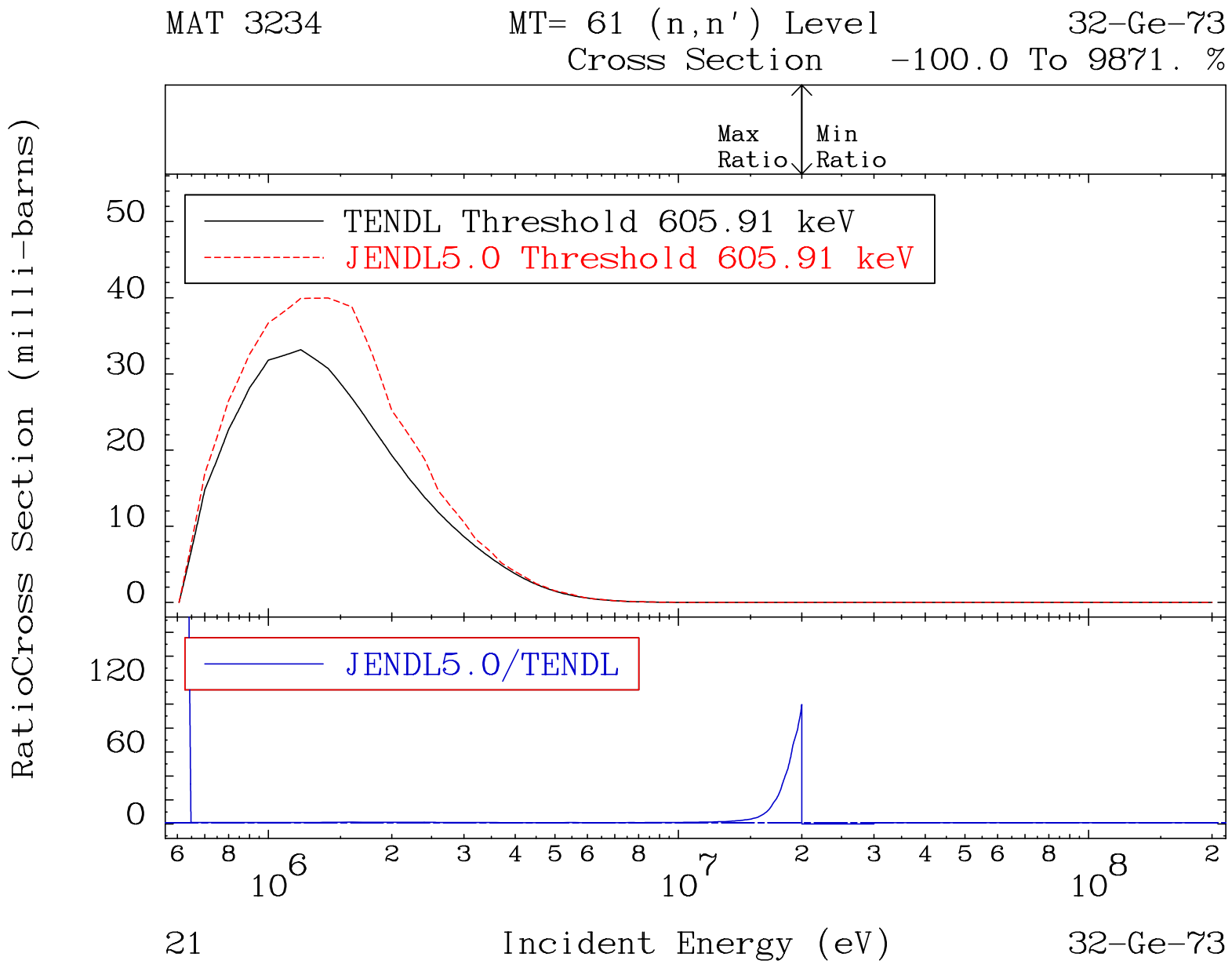

MAT 3234
MT= 56 (n,n') Level
32-Ge-73
Cross Section -100.0 To 8744. %
Min Ratio
Max Ratio
TENDL Threshold 397.90 keV
JENDL5.0 Threshold 397.90 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
16
32-Ge-73

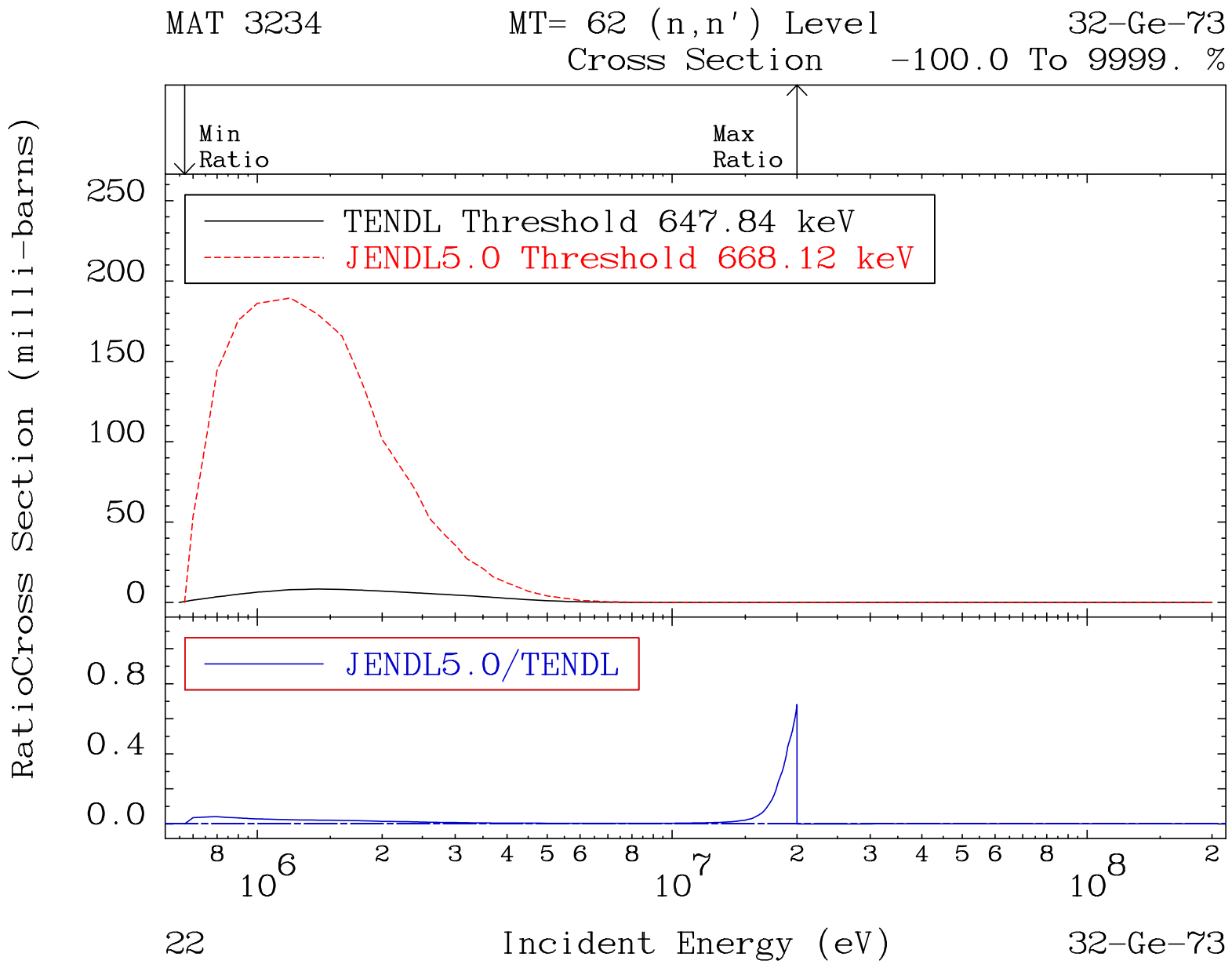

MAT 3234
MT= 57 (n,n') Level
32-Ge-73
Cross Section
-100.0 To 56.03 %
Min Ratio
Max Ratio
TENDL Threshold 505.97 keV
JENDL5.0 Threshold 505.97 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
2.0
1.0
0.0
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
17
Incident Energy (eV)
32-Ge-73

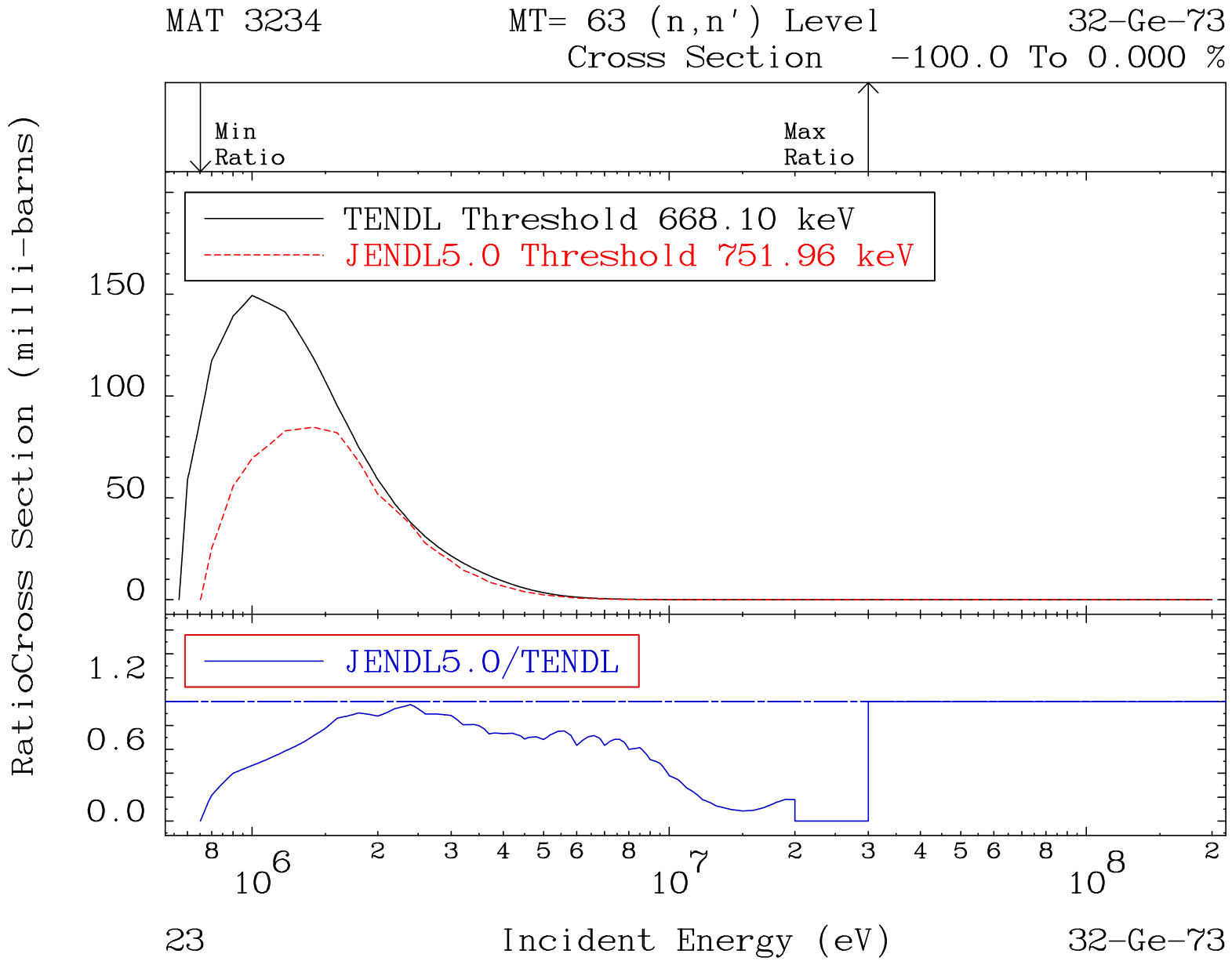

MAT 3234
MT= 58 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 508.43 keV
JENDL5.0 Threshold 508.34 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
100
0
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
18
Incident Energy (eV)
32-Ge-73

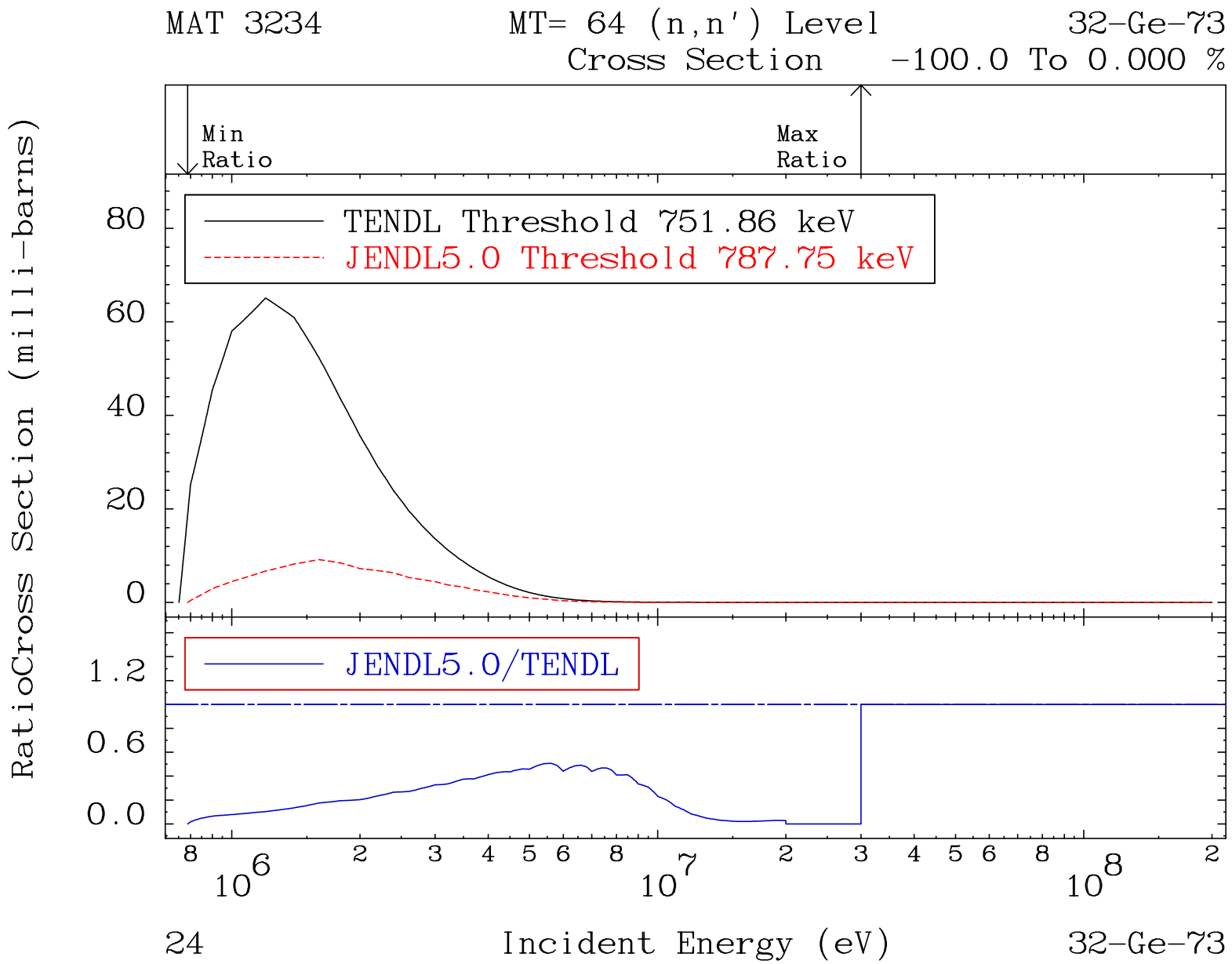

MAT 3234
MT= 59 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 558.62 keV
JENDL5.0 Threshold 558.62 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
80
40
0
200
0
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
19
Incident Energy (eV)
32-Ge-73

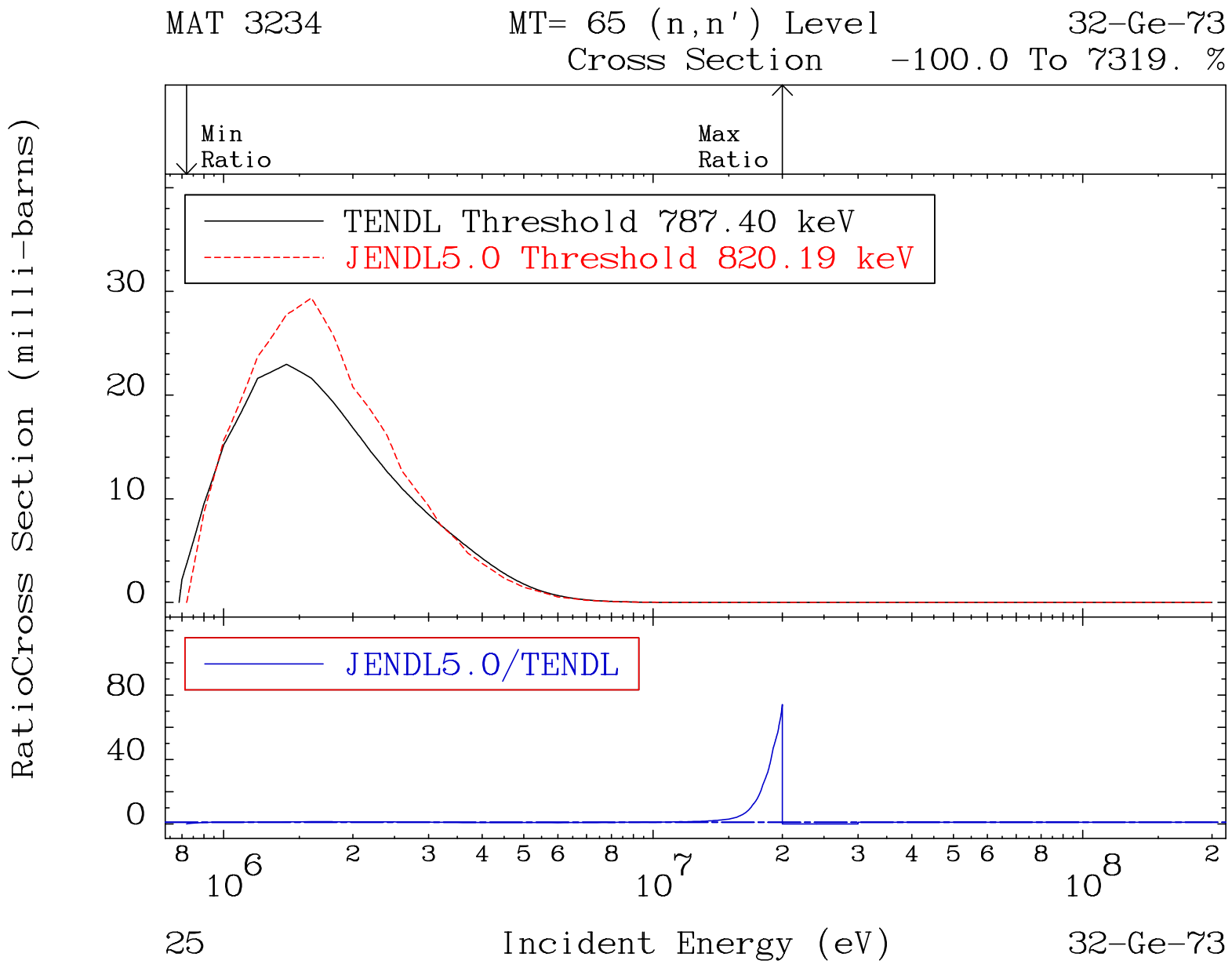

MAT 3234
MT= 60 (n,n') Level
32-Ge-73
Cross Section -100.0 To 4799. %
Max Ratio
Min Ratio
TENDL Threshold 562.59 keV
JENDL5.0 Threshold 562.59 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
20
32-Ge-73

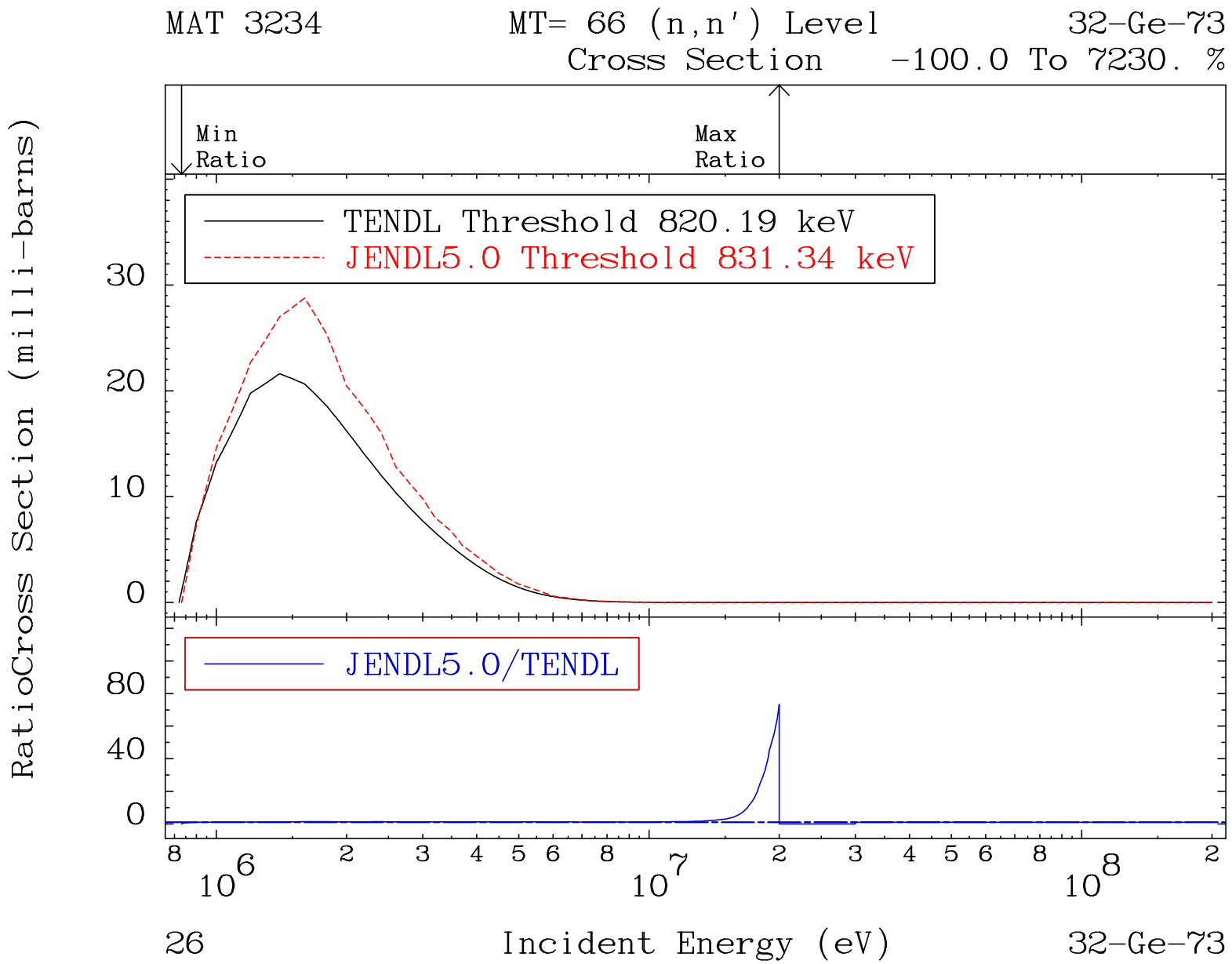

MAT 3234
MT= 61 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9871. %
Max Ratio
Min Ratio
TENDL Threshold 605.91 keV
JENDL5.0 Threshold 605.91 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
120
60
0
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
21
Incident Energy (eV)
32-Ge-73

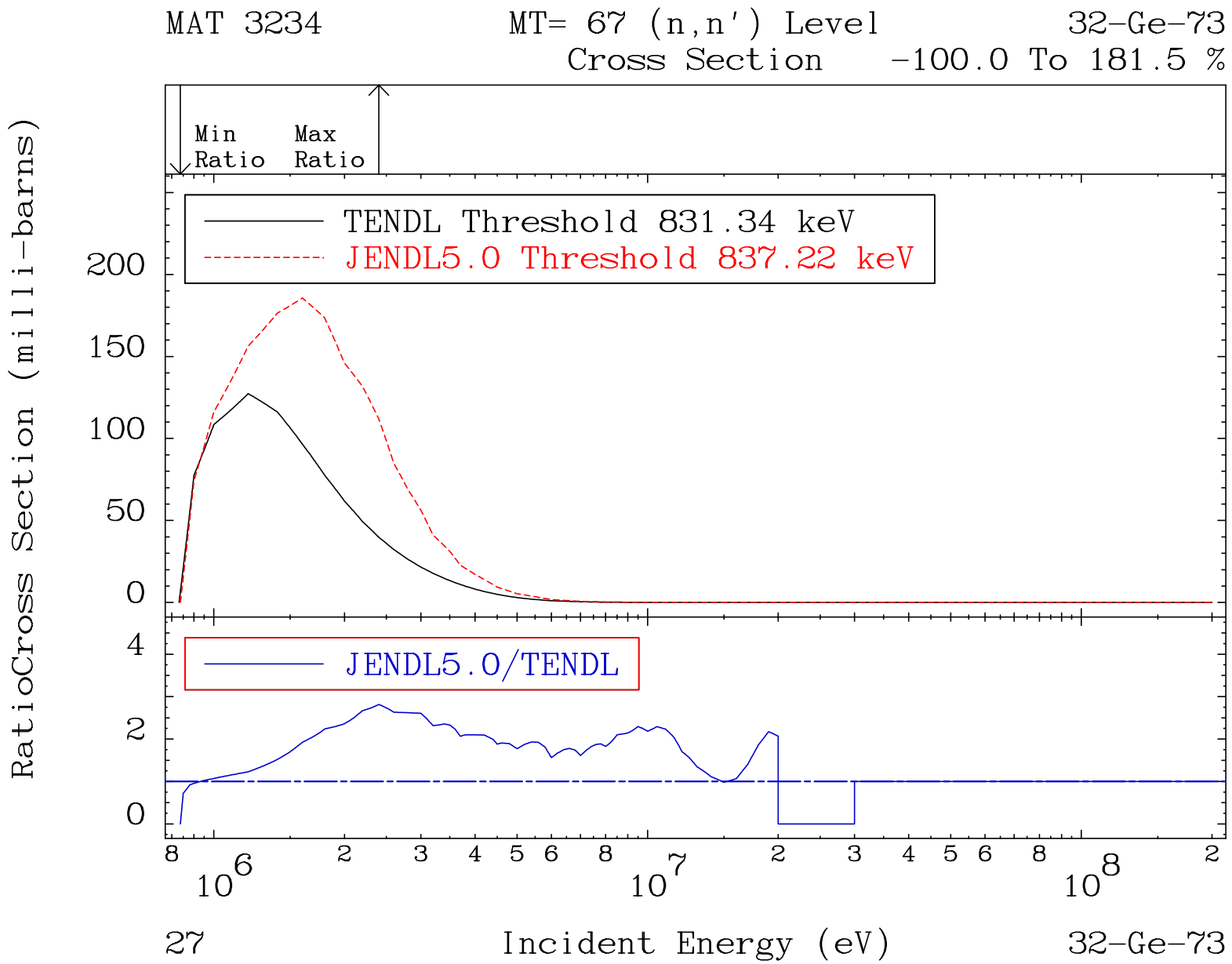

MAT 3234
MT= 62 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 647.84 keV
JENDL5.0 Threshold 668.12 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
0.8
0.4
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
22
Incident Energy (eV)
32-Ge-73

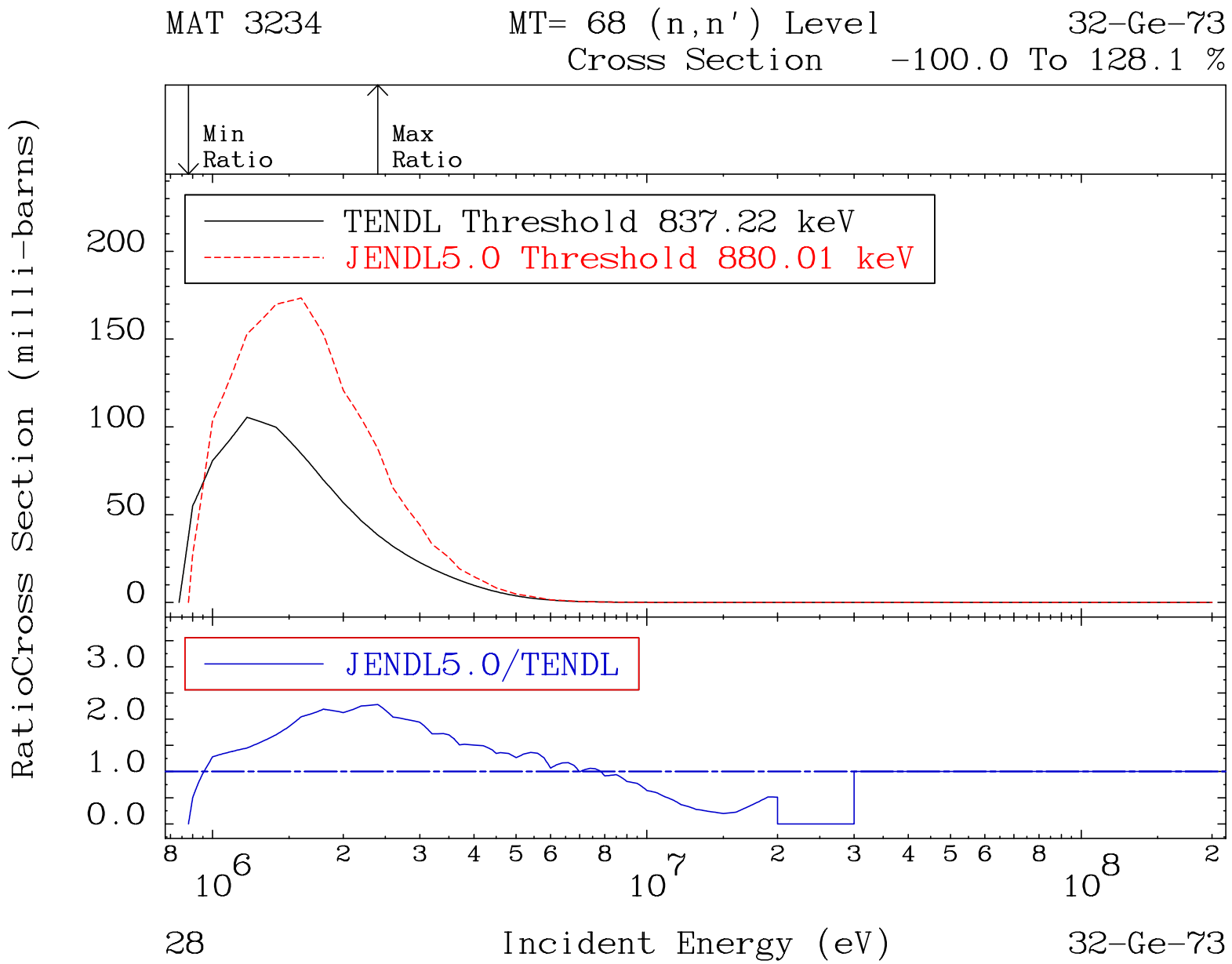

MAT 3234
MT= 63 (n,n') Level
32-Ge-73
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 668.10 keV
JENDL5.0 Threshold 751.96 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
150
100
50
0
1.2
0.6
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
23
Incident Energy (eV)
32-Ge-73

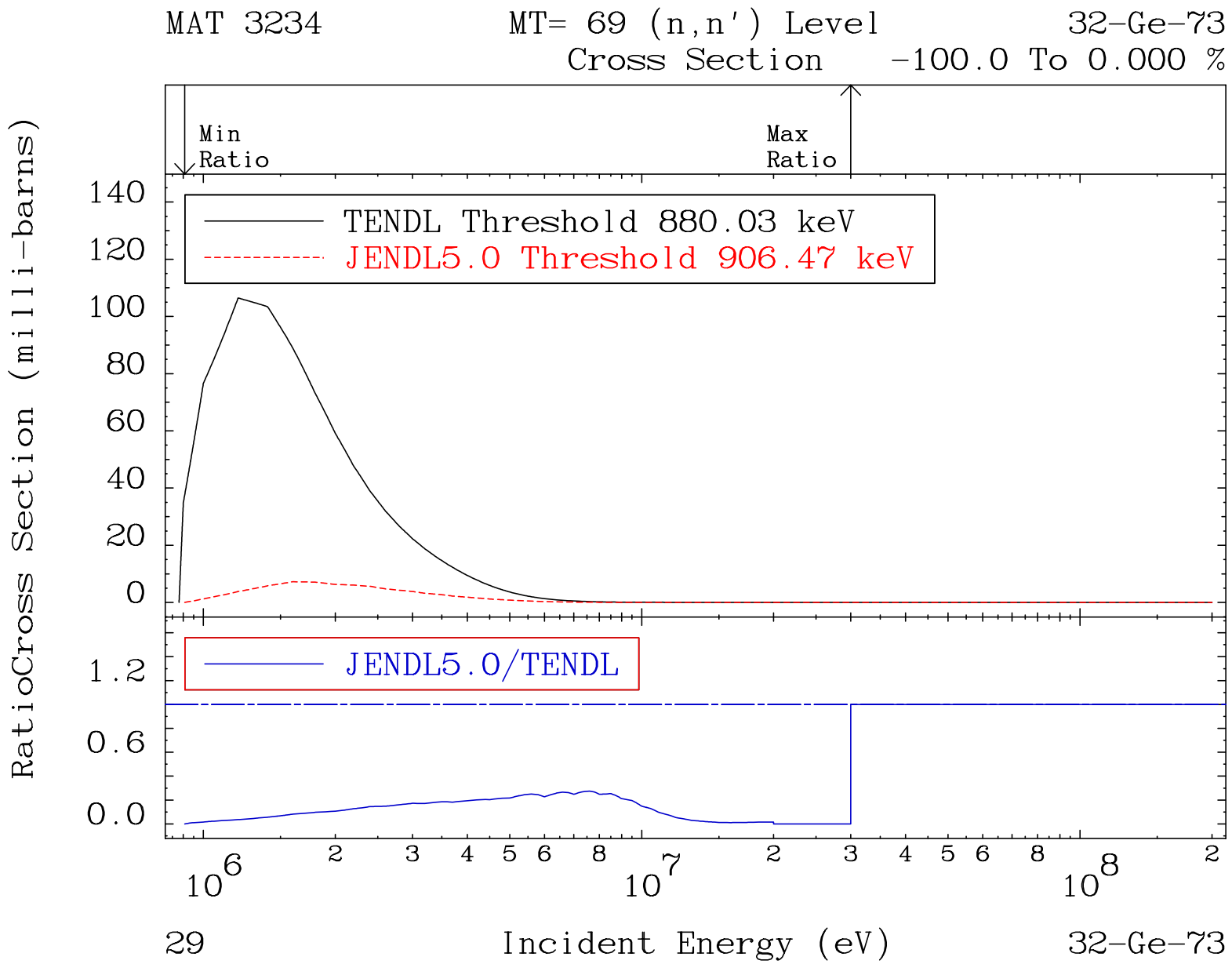

MAT 3234
MT= 64 (n,n') Level
32-Ge-73
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 751.86 keV
JENDL5.0 Threshold 787.75 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.6
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
24
Incident Energy (eV)
32-Ge-73

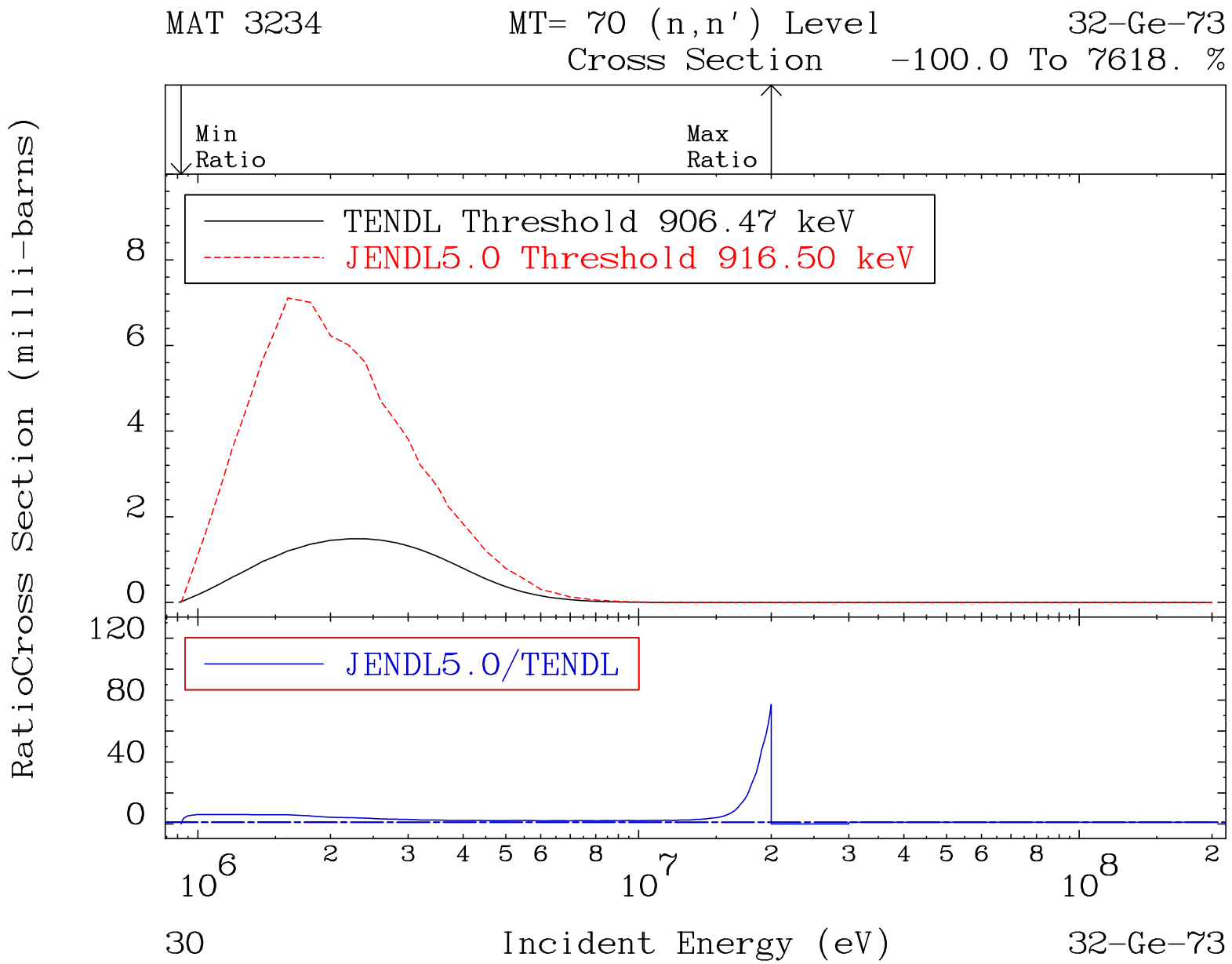

MAT 3234
MT= 65 (n,n') Level
32-Ge-73
Cross Section -100.0 To 7319. %
Min Ratio
Max Ratio
TENDL Threshold 787.40 keV
JENDL5.0 Threshold 820.19 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
20
10
0
80
40
0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
25
Incident Energy (eV)
32-Ge-73

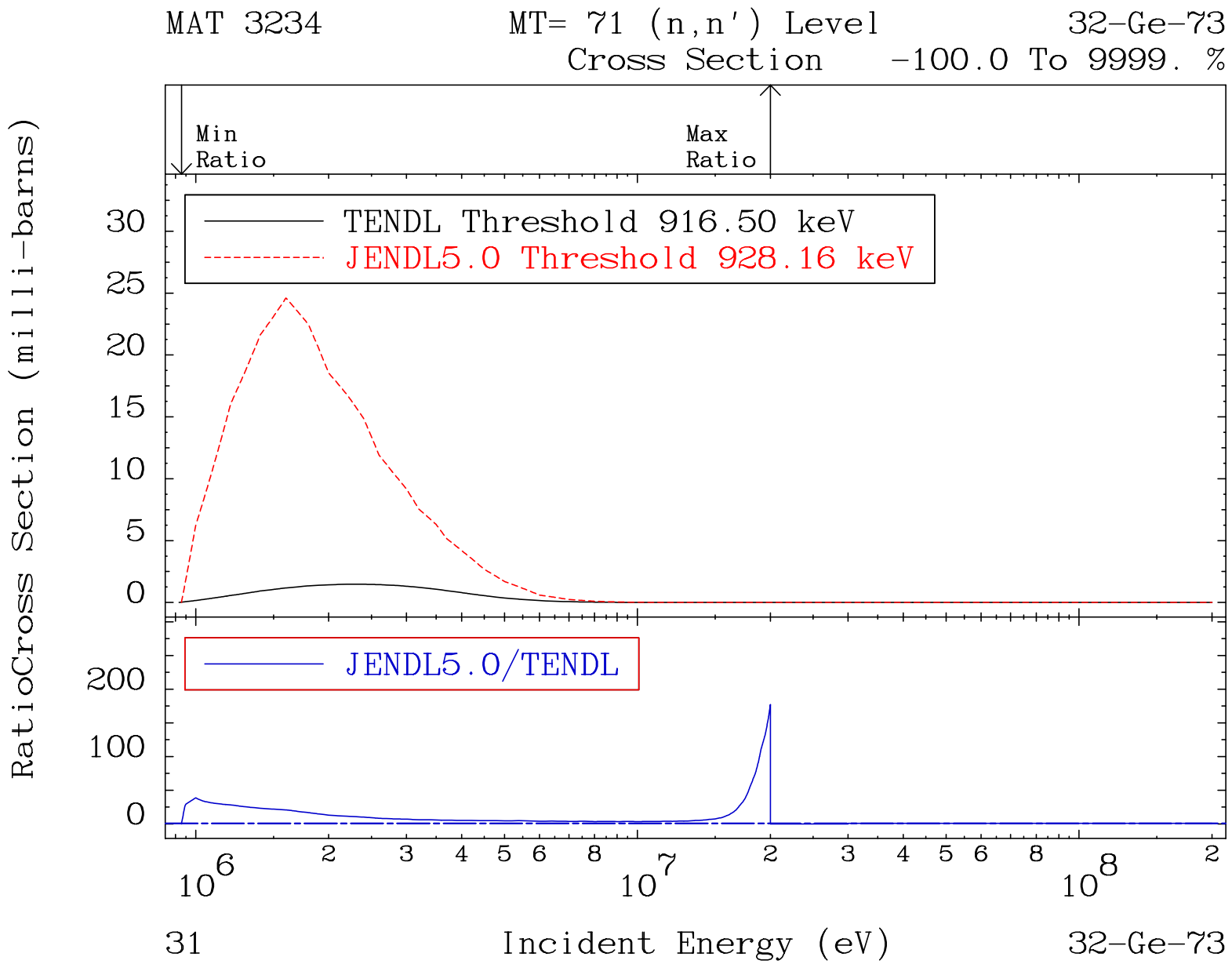

MAT 3234
MT= 66 (n,n') Level
32-Ge-73
Cross Section -100.0 To 7230. %
Min Ratio
Max Ratio
TENDL Threshold 820.19 keV
JENDL5.0 Threshold 831.34 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
20
10
0
80
40
0
8
2
3
4
5
6
8
10^6
10^7
10^8
26
Incident Energy (eV)
32-Ge-73

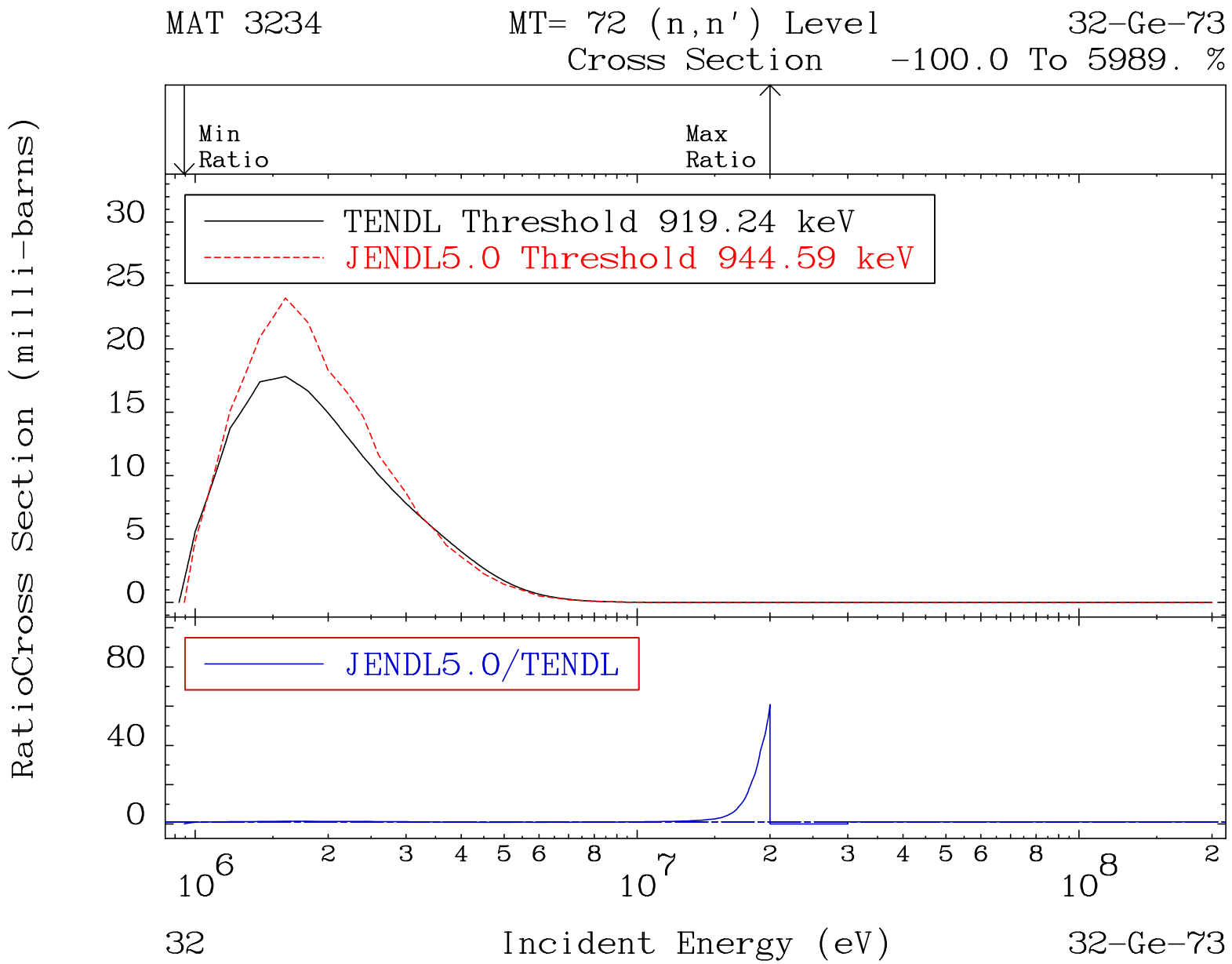

MAT 3234
MT= 67 (n,n') Level
32-Ge-73
Cross Section -100.0 To 181.5 %
Min Ratio
Max Ratio
TENDL Threshold 831.34 keV
JENDL5.0 Threshold 837.22 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
4
2
0
8
2
3
4
5
6
8
2
3
4
5
6
8
2
10^6
10^7
10^8
27
Incident Energy (eV)
32-Ge-73

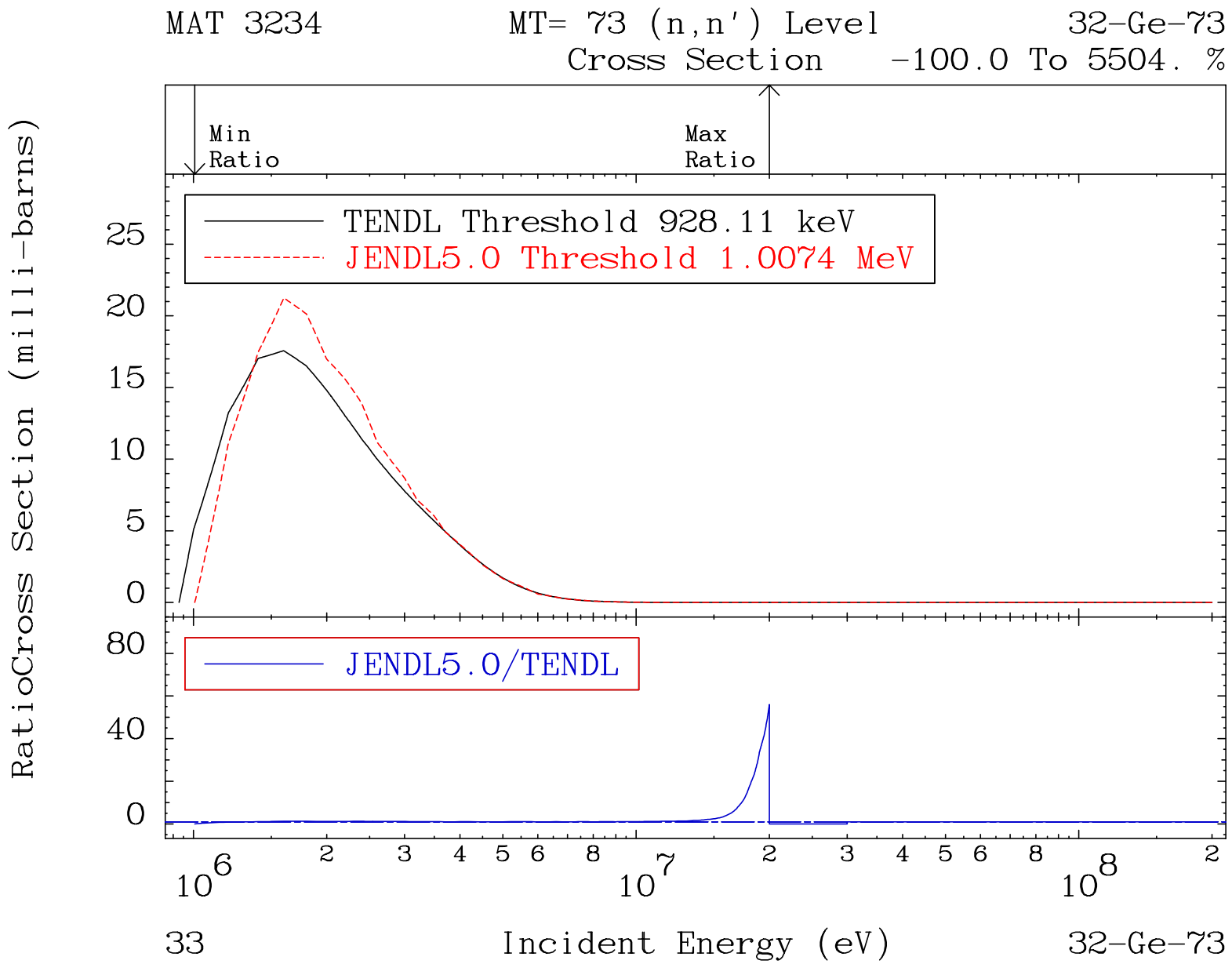

MAT 3234
MT= 68 (n,n') Level
32-Ge-73
Cross Section
-100.0 To 128.1 %
Min Ratio
Max Ratio
TENDL Threshold 837.22 keV
JENDL5.0 Threshold 880.01 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
3.0
2.0
1.0
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
28
Incident Energy (eV)
32-Ge-73

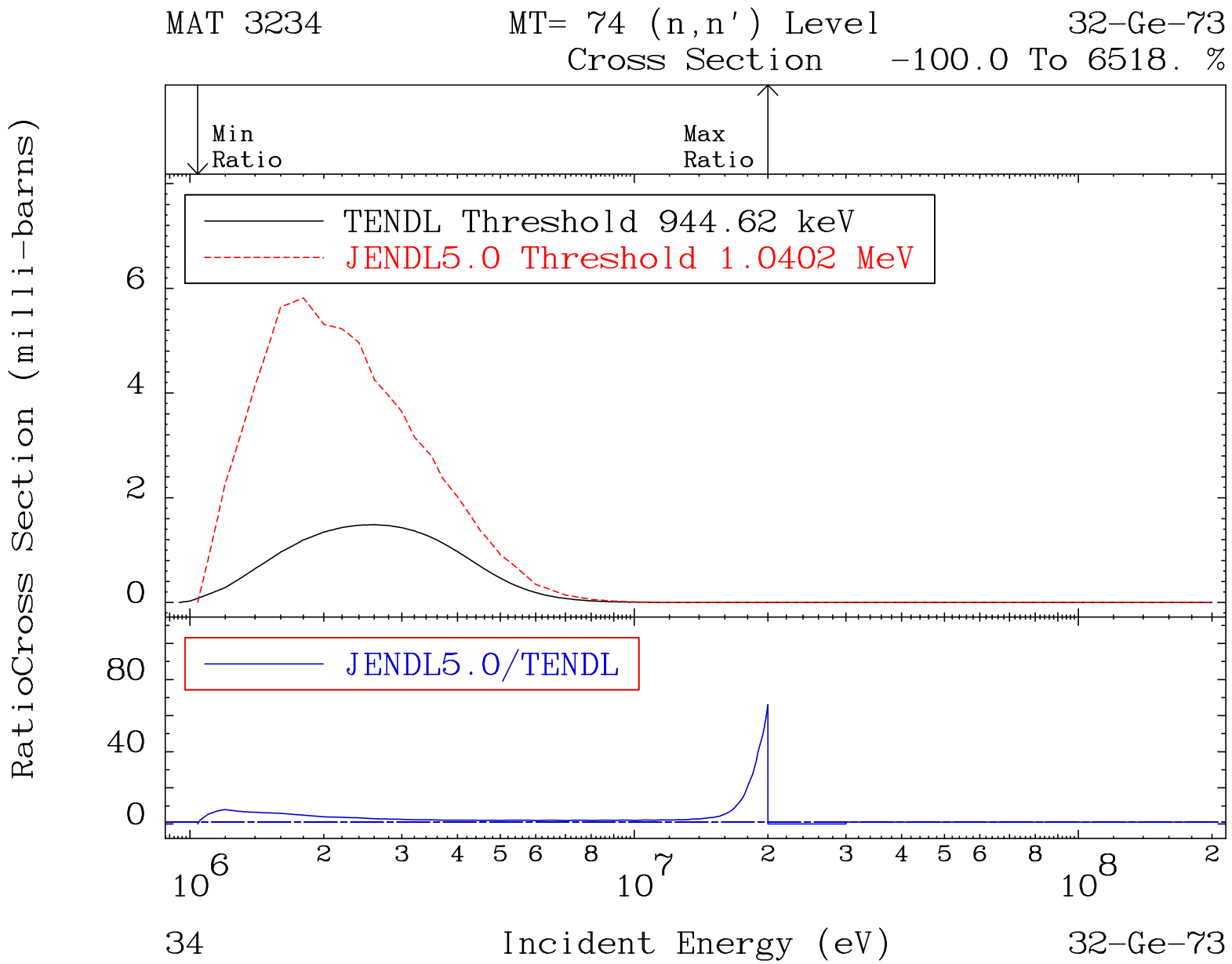

MAT 3234
MT= 69 (n,n') Level
32-Ge-73
Cross Section
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 880.03 keV
JENDL5.0 Threshold 906.47 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
1.2
0.6
0.0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
29
Incident Energy (eV)
32-Ge-73

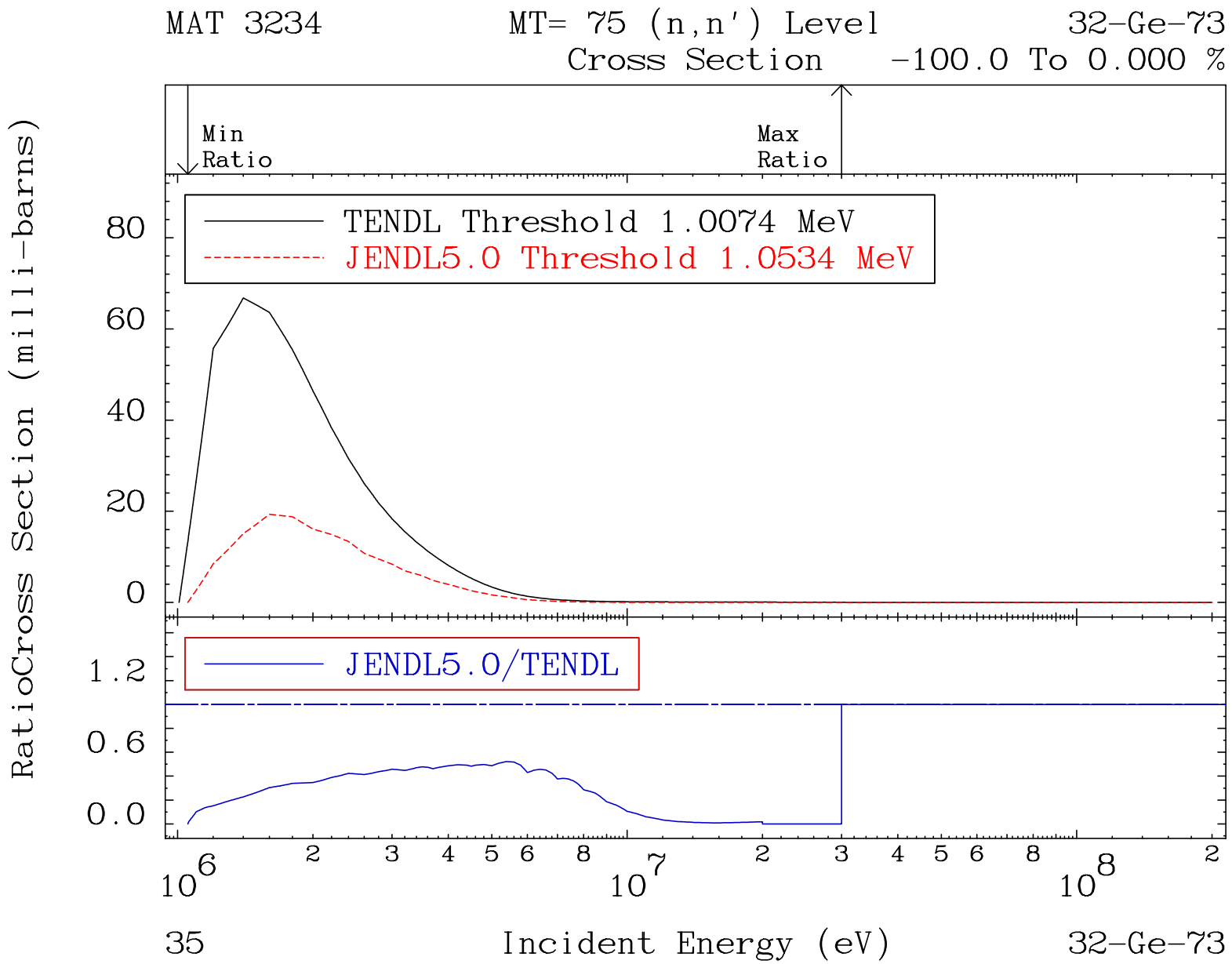

MAT 3234
MT= 70 (n,n') Level
32-Ge-73
Cross Section -100.0 To 7618. %
Min Ratio
Max Ratio
TENDL Threshold 906.47 keV
JENDL5.0 Threshold 916.50 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
30
32-Ge-73

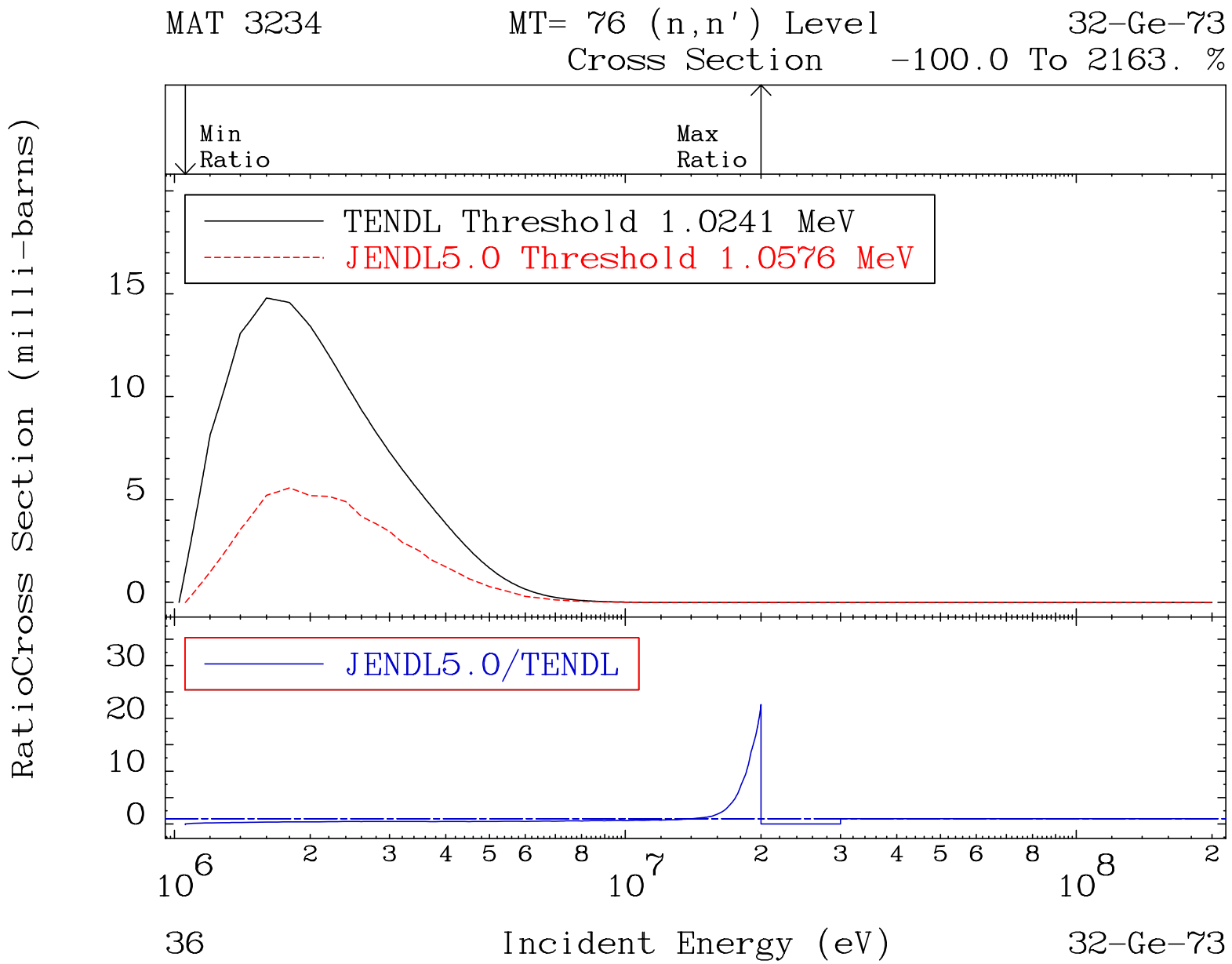

MAT 3234
MT= 71 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 916.50 keV
JENDL5.0 Threshold 928.16 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
200
100
0
10^6
10^7
10^8
2 3 4 5 6 8
31
Incident Energy (eV)
32-Ge-73

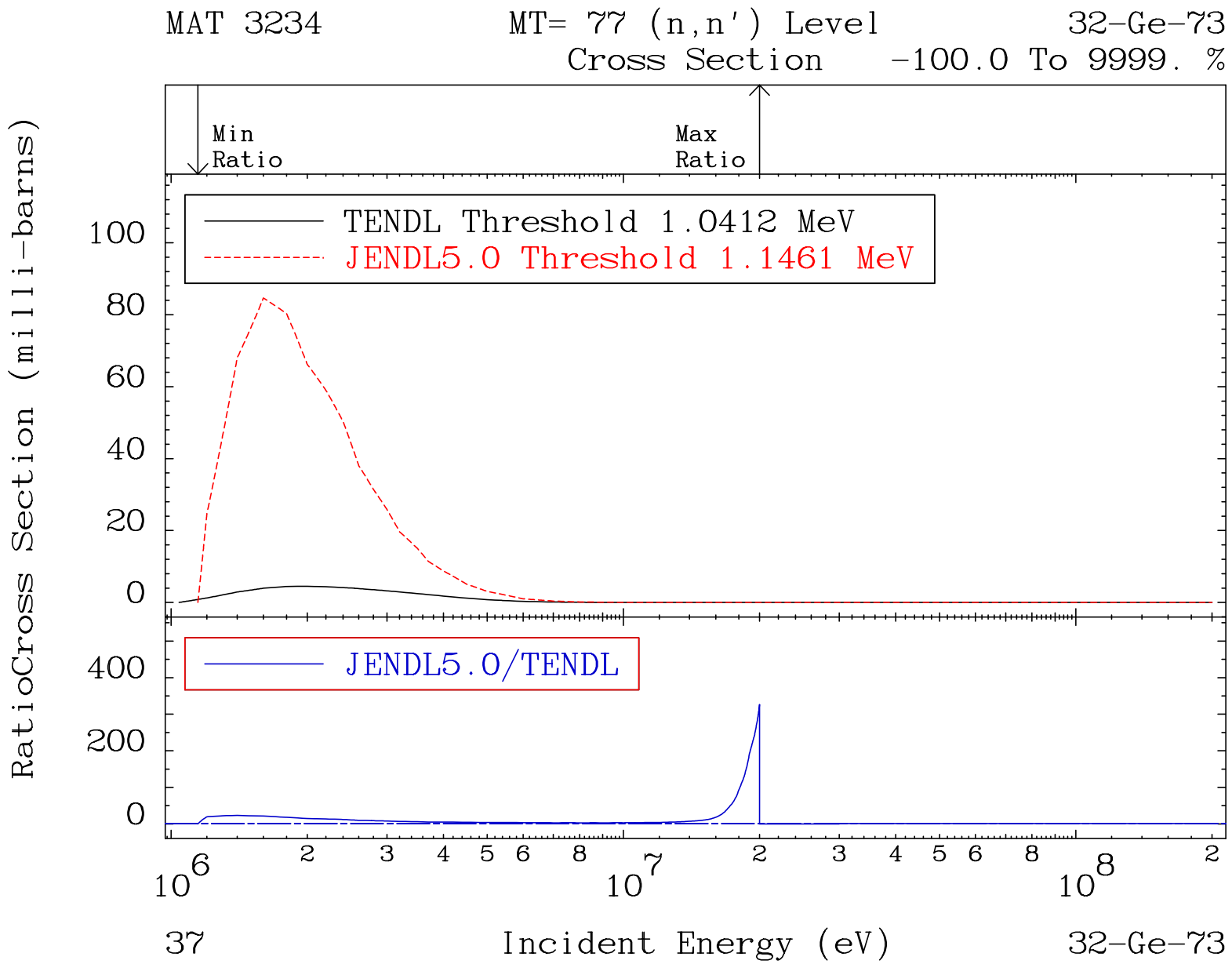

MAT 3234
MT= 72 (n,n') Level
32-Ge-73
Cross Section -100.0 To 5989. %
Min Ratio
Max Ratio
TENDL Threshold 919.24 keV
JENDL5.0 Threshold 944.59 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
80
40
0
10^6
10^7
10^8
2 3 4 5 6 8
Incident Energy (eV)
32
32-Ge-73

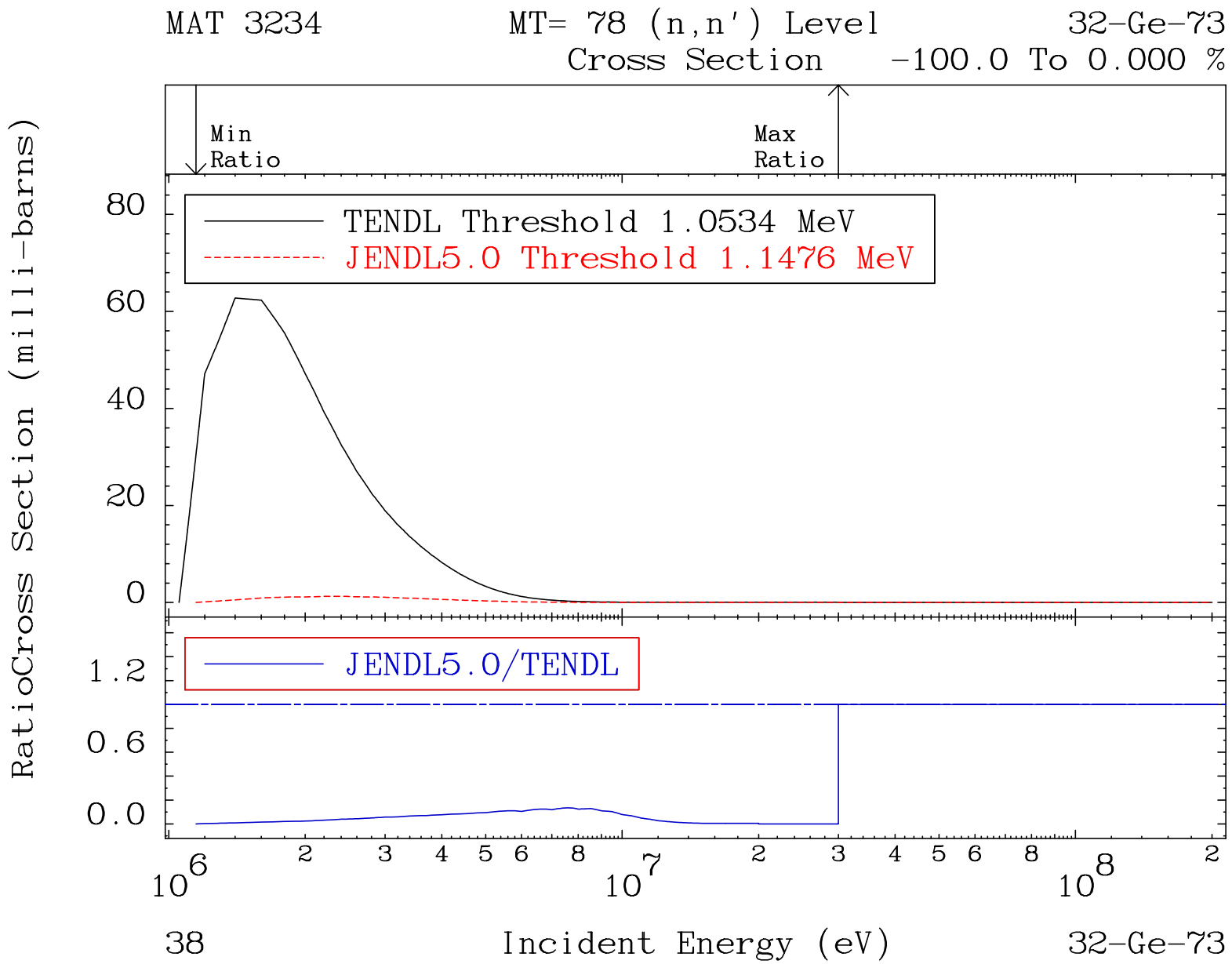

MAT 3234
MT= 73 (n,n') Level
32-Ge-73
Cross Section -100.0 To 5504. %
Min Ratio
Max Ratio
TENDL Threshold 928.11 keV
JENDL5.0 Threshold 1.0074 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
33
32-Ge-73

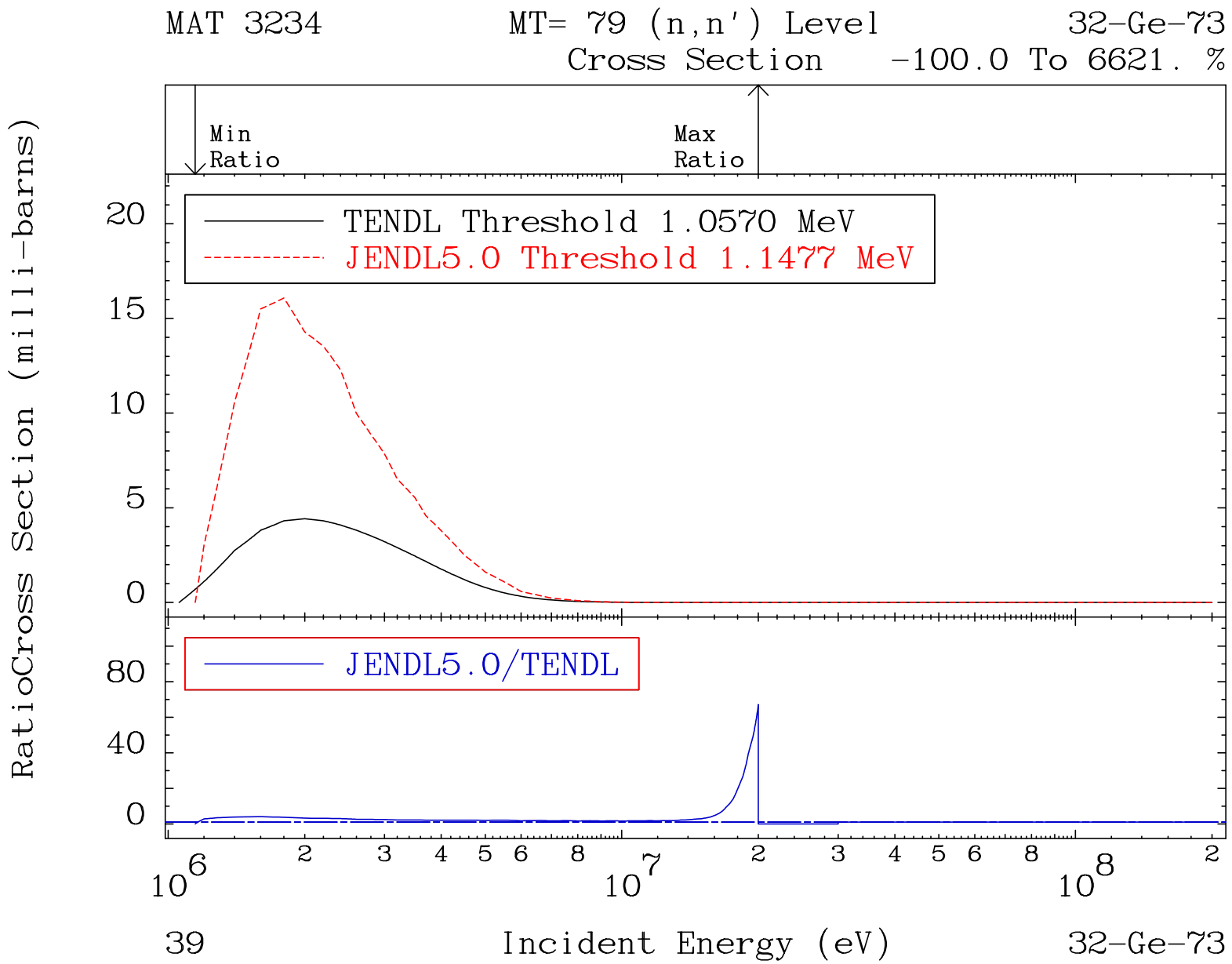

MAT 3234
MT= 74 (n,n') Level
32-Ge-73
Cross Section -100.0 To 6518. %
Min Ratio
Max Ratio
TENDL Threshold 944.62 keV
JENDL5.0 Threshold 1.0402 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
34
32-Ge-73

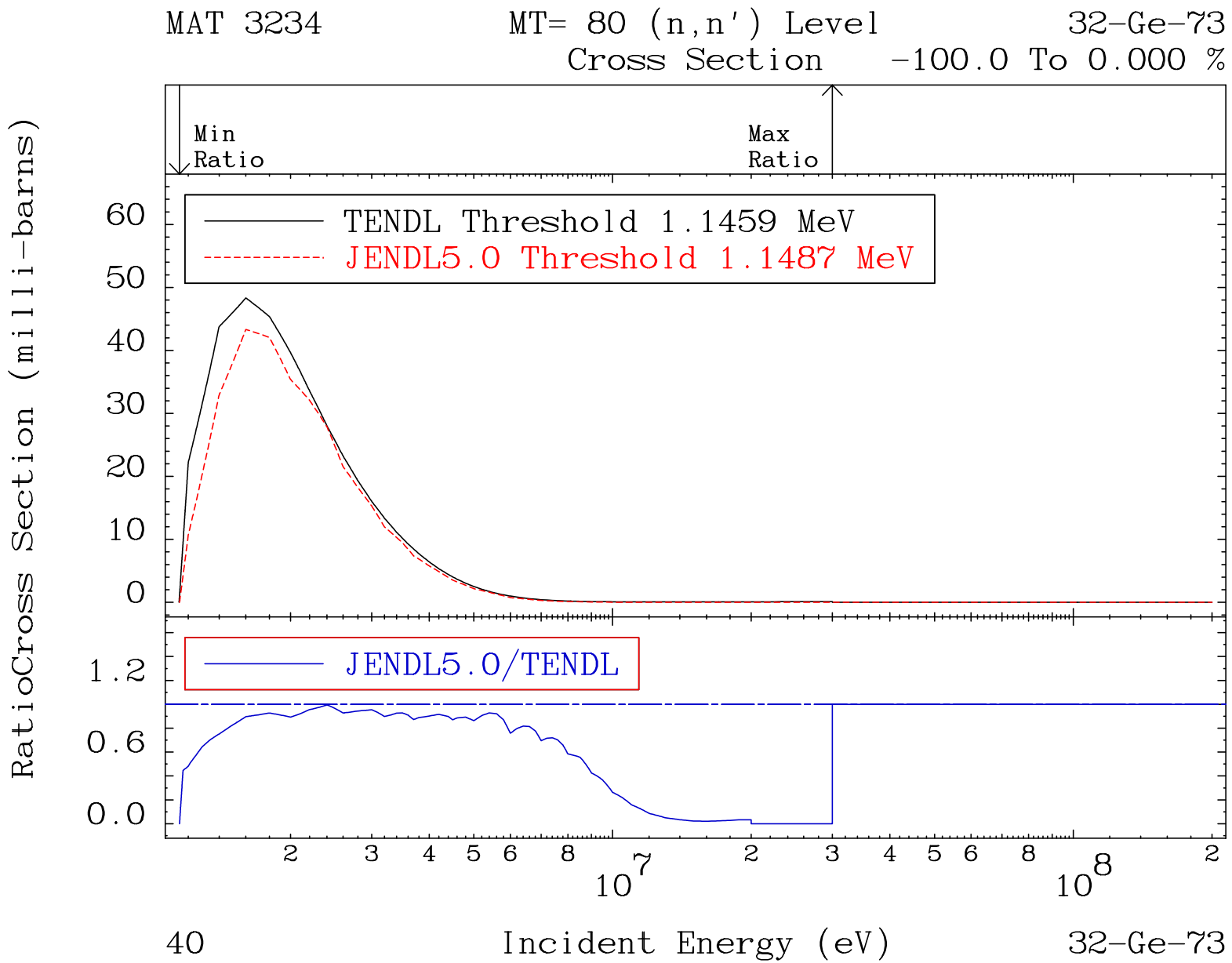

MAT 3234
MT= 75 (n,n') Level
32-Ge-73
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 1.0074 MeV
JENDL5.0 Threshold 1.0534 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.6
0.0
10^6
10^7
10^8
Incident Energy (eV)
35
32-Ge-73

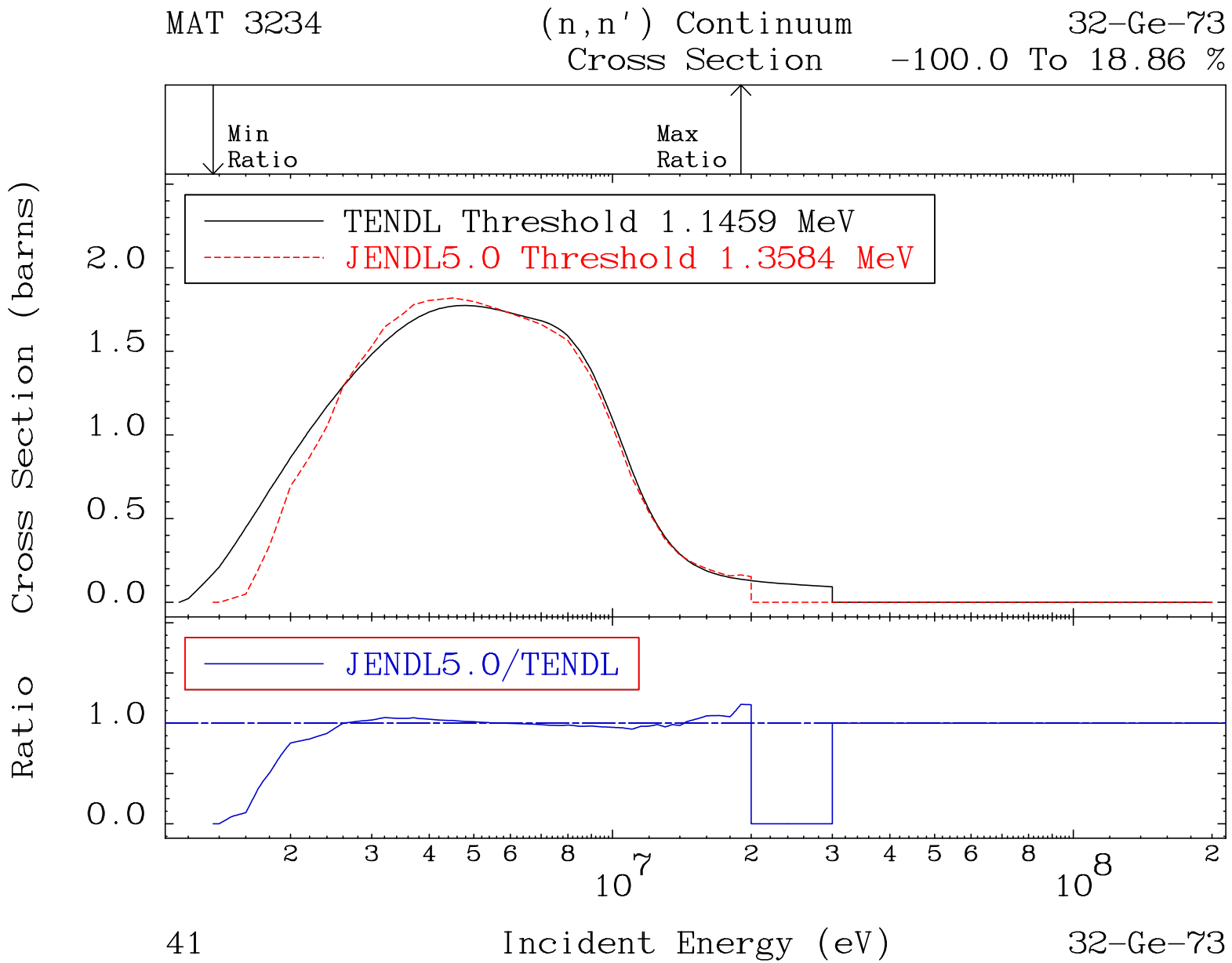

MAT 3234
MT= 76 (n,n') Level
32-Ge-73
Cross Section -100.0 To 2163. %
Min Ratio
Max Ratio
TENDL Threshold 1.0241 MeV
JENDL5.0 Threshold 1.0576 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
15
10
5
0
30
20
10
0
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
36
Incident Energy (eV)
32-Ge-73

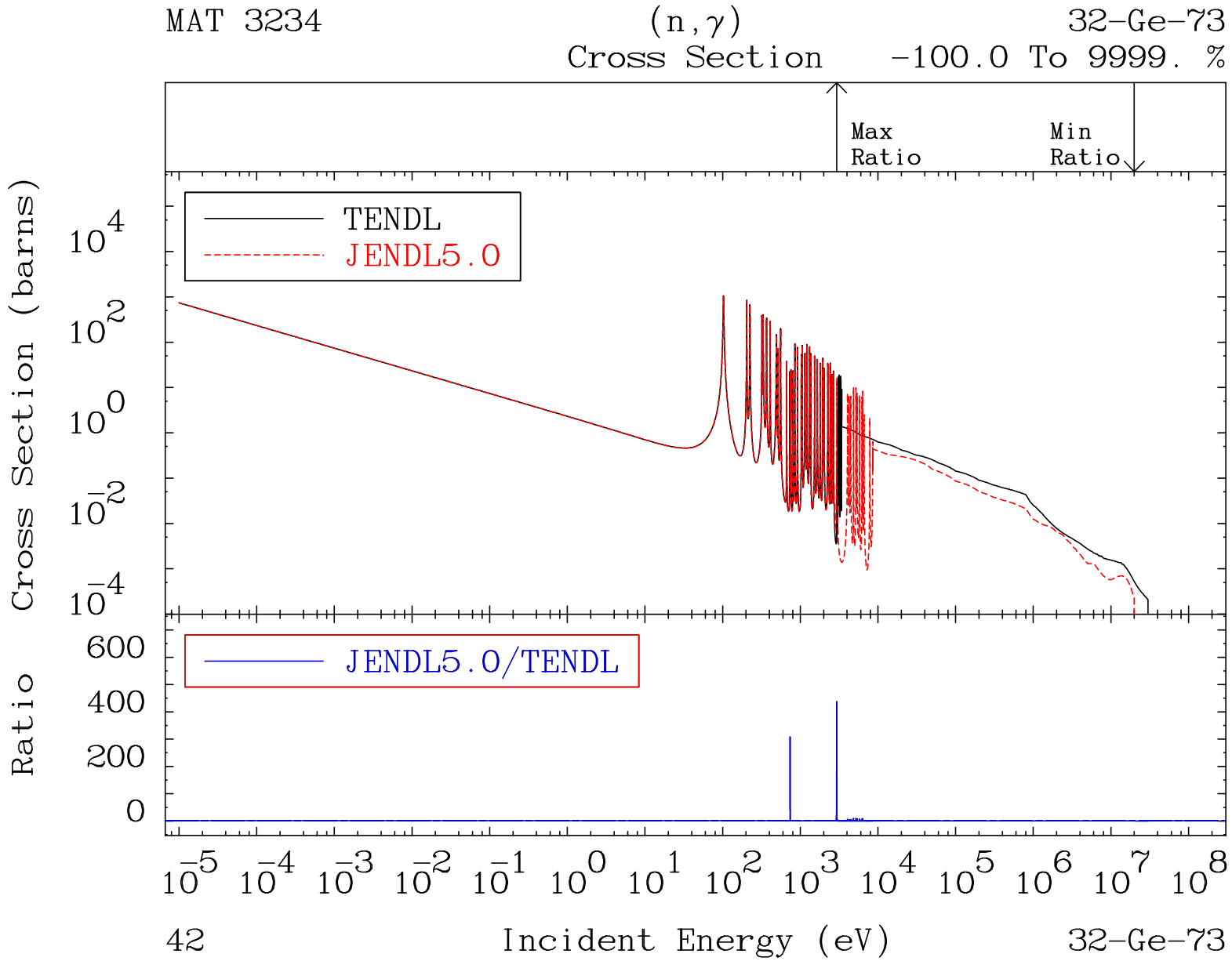

MAT 3234
MT= 77 (n,n') Level
32-Ge-73
Cross Section -100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.0412 MeV
JENDL5.0 Threshold 1.1461 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
400
200
0
2 3 4 5 6 8
10^6
10^7
10^8
37
Incident Energy (eV)
32-Ge-73

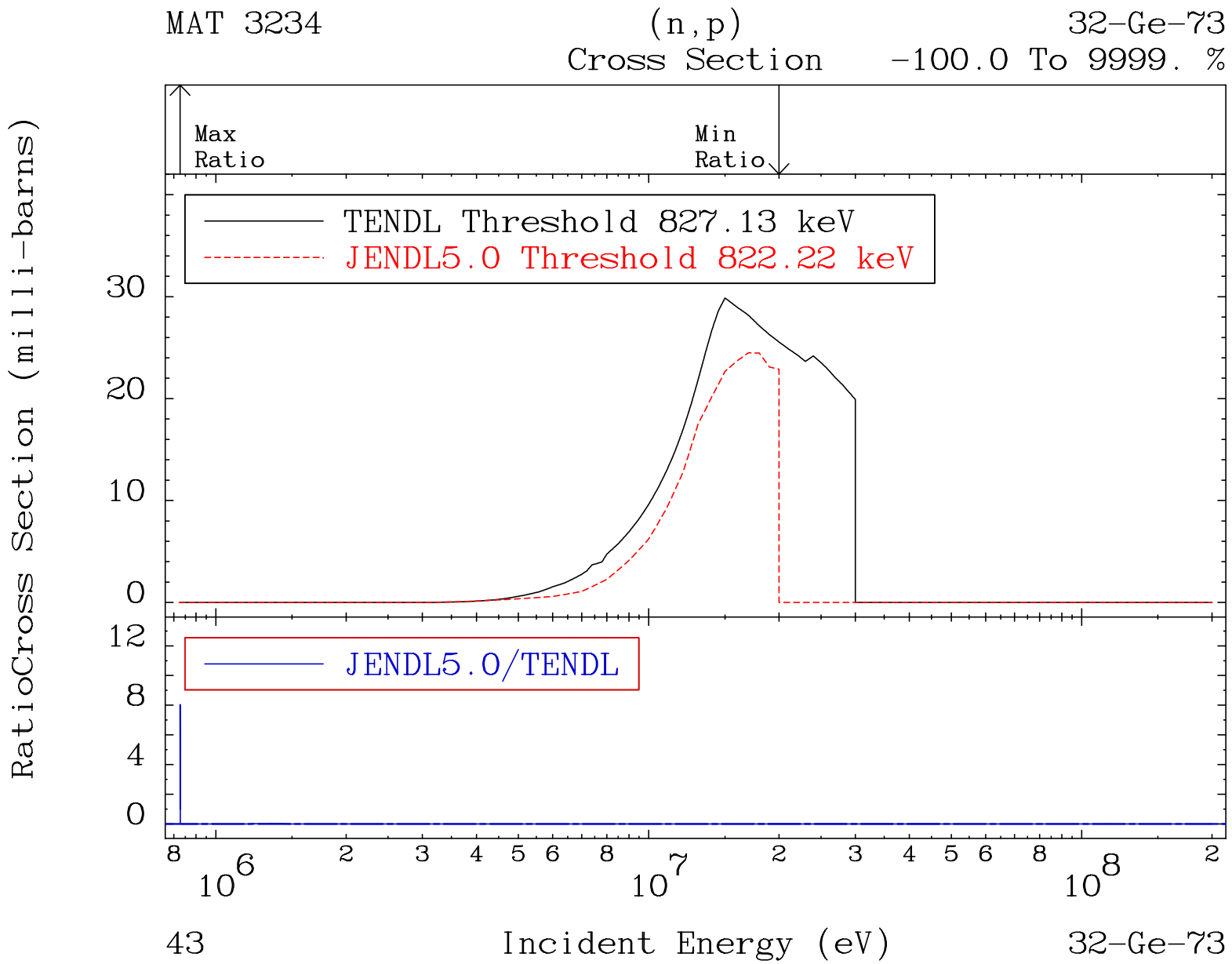

MAT 3234
MT= 78 (n,n') Level
32-Ge-73
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 1.0534 MeV
JENDL5.0 Threshold 1.1476 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.6
0.0
10^6
10^7
10^8
Incident Energy (eV)
38
32-Ge-73

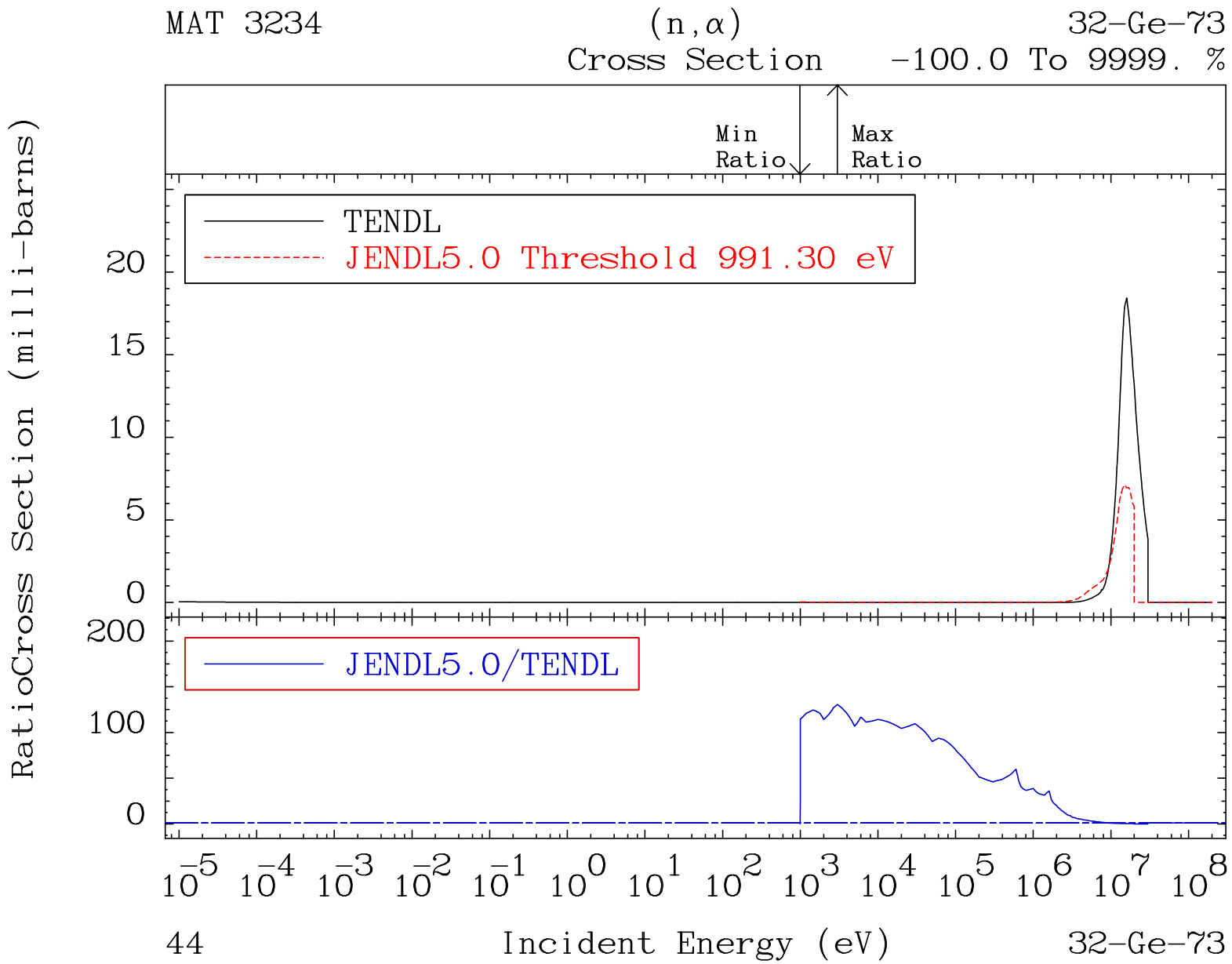

MAT 3234
MT= 79 (n,n') Level
32-Ge-73
Cross Section -100.0 To 6621. %
Min Ratio
Max Ratio
TENDL Threshold 1.0570 MeV
JENDL5.0 Threshold 1.1477 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
20
15
10
5
0
80
40
0
2
3
4
5
6
8
10^6
10^7
10^8
39
Incident Energy (eV)
32-Ge-73

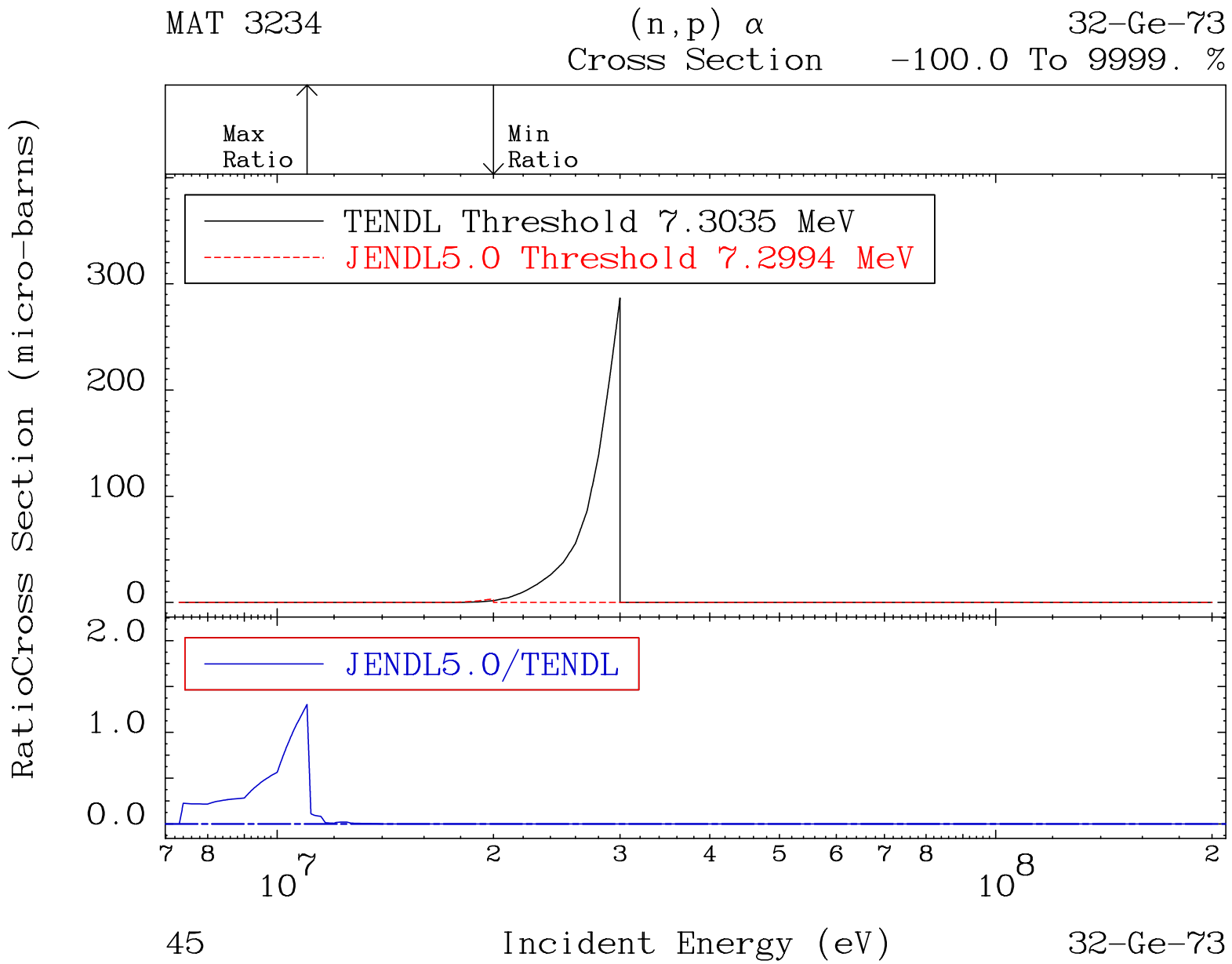

MAT 3234
MT= 80 (n,n') Level
32-Ge-73
Cross Section -100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 1.1459 MeV
JENDL5.0 Threshold 1.1487 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
1.2
0.6
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
40
Incident Energy (eV)
32-Ge-73

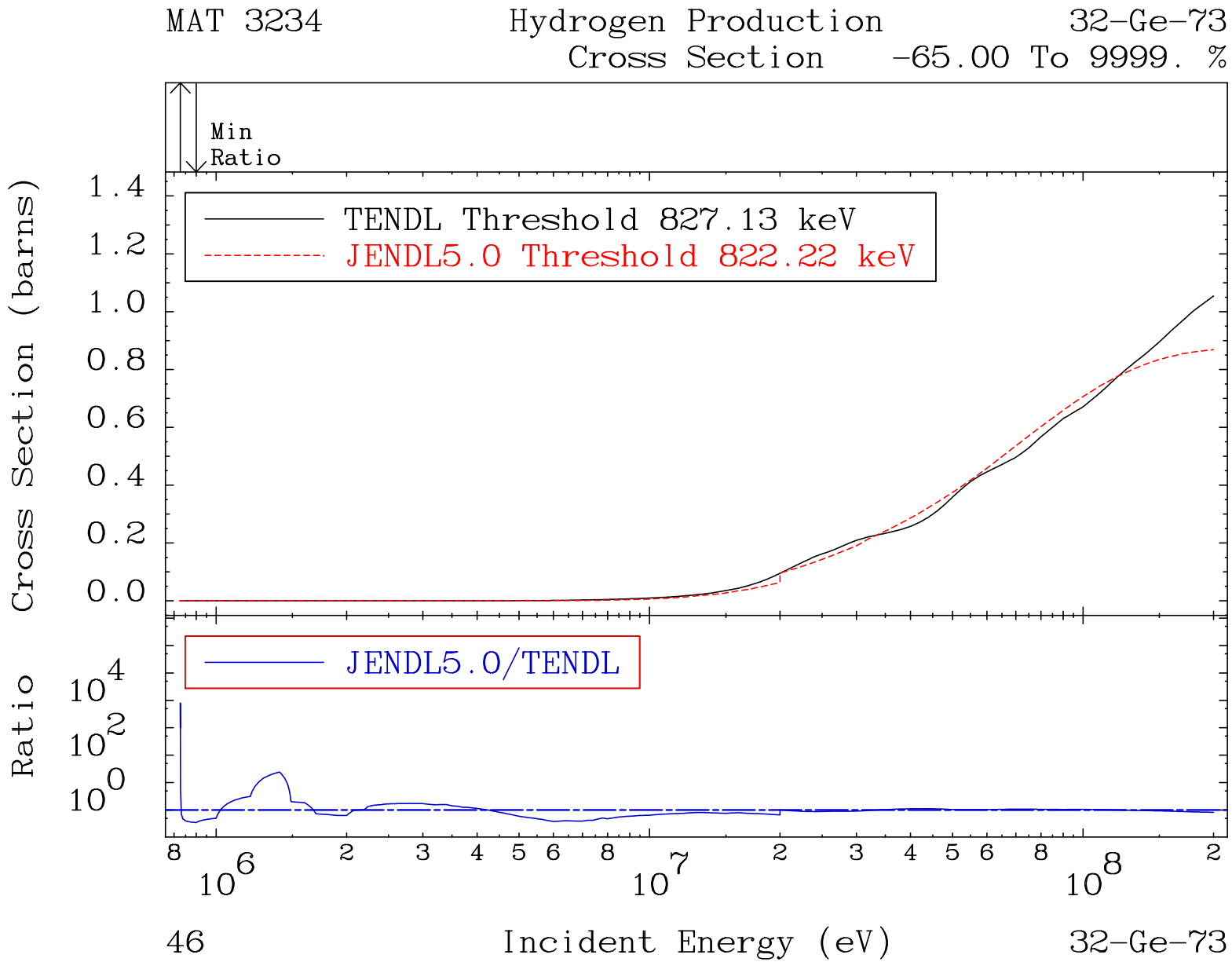

MAT 3234
(n,n') Continuum
Cross Section
32-Ge-73
-100.0 To 18.86 %
Min Ratio
Max Ratio
TENDL Threshold 1.1459 MeV
JENDL5.0 Threshold 1.3584 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JENDL5.0/TENDL
Ratio
1.0
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
41
Incident Energy (eV)
32-Ge-73

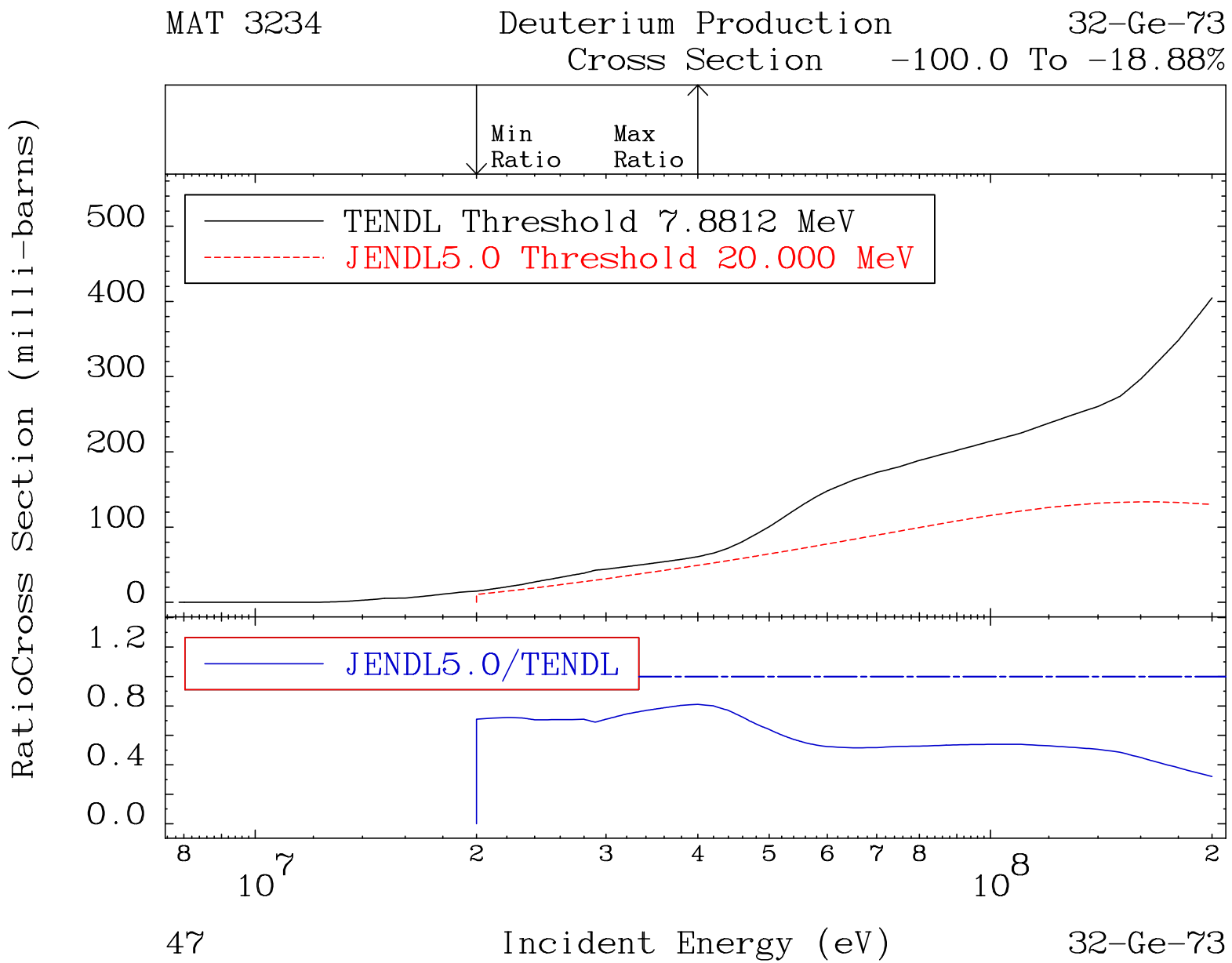

MAT 3234
(n,γ)
Cross Section
32-Ge-73
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
42
32-Ge-73

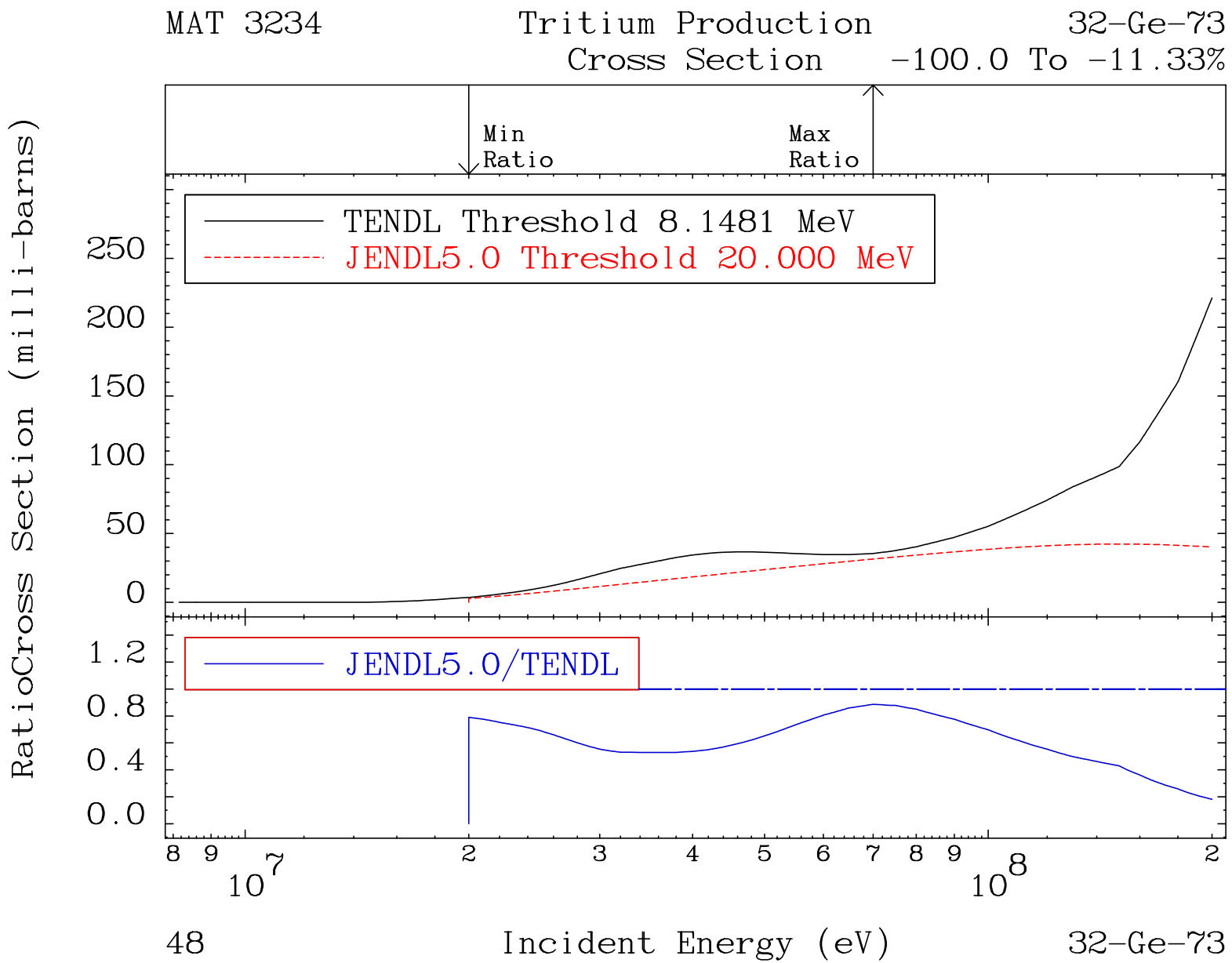

MAT 3234
(n,p)
32-Ge-73
Cross Section
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 827.13 keV
JENDL5.0 Threshold 822.22 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
30
20
10
0
12
8
4
0
8
2
3
4
5
6
8
10^6
10^7
10^8
43
Incident Energy (eV)
32-Ge-73

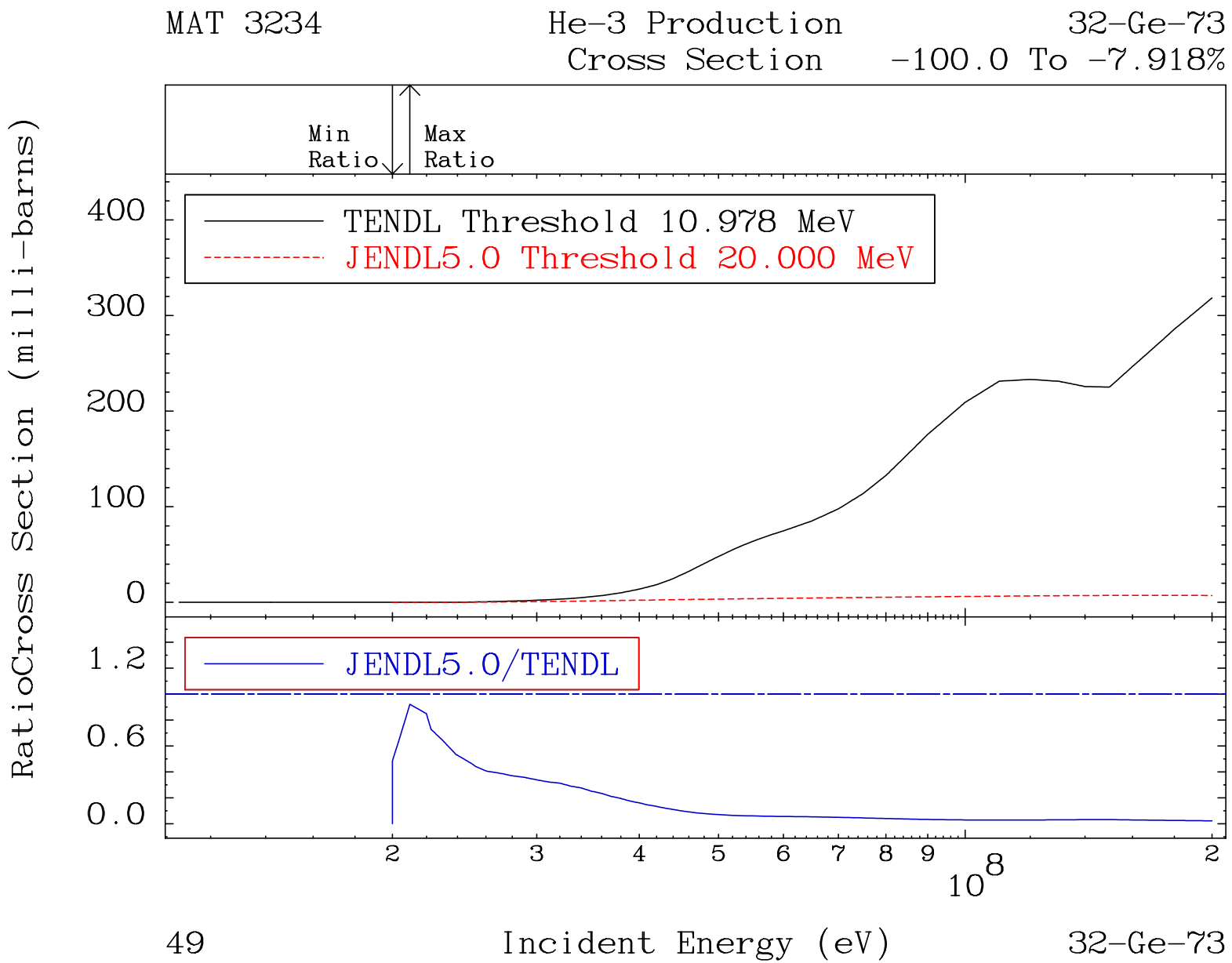

MAT 3234
(n,α)
32-Ge-73
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0 Threshold 991.30 eV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
44
32-Ge-73

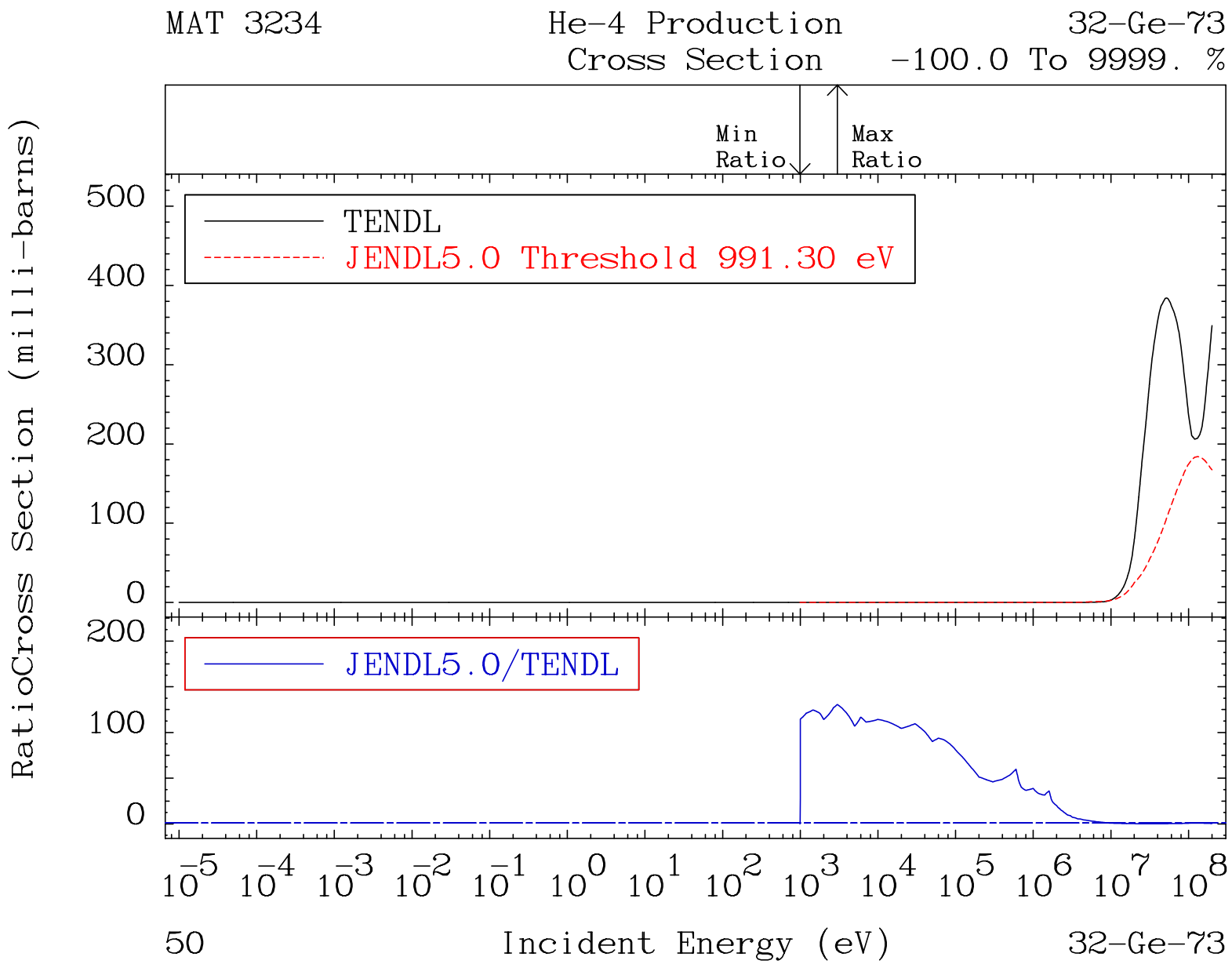

MAT 3234
(n,p) α
32-Ge-73
Cross Section
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 7.3035 MeV
JENDL5.0 Threshold 7.2994 MeV
JENDL5.0/TENDL
RatioCross Section (micro-barns)
300
200
100
0
2.0
1.0
0.0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
45
Incident Energy (eV)
32-Ge-73

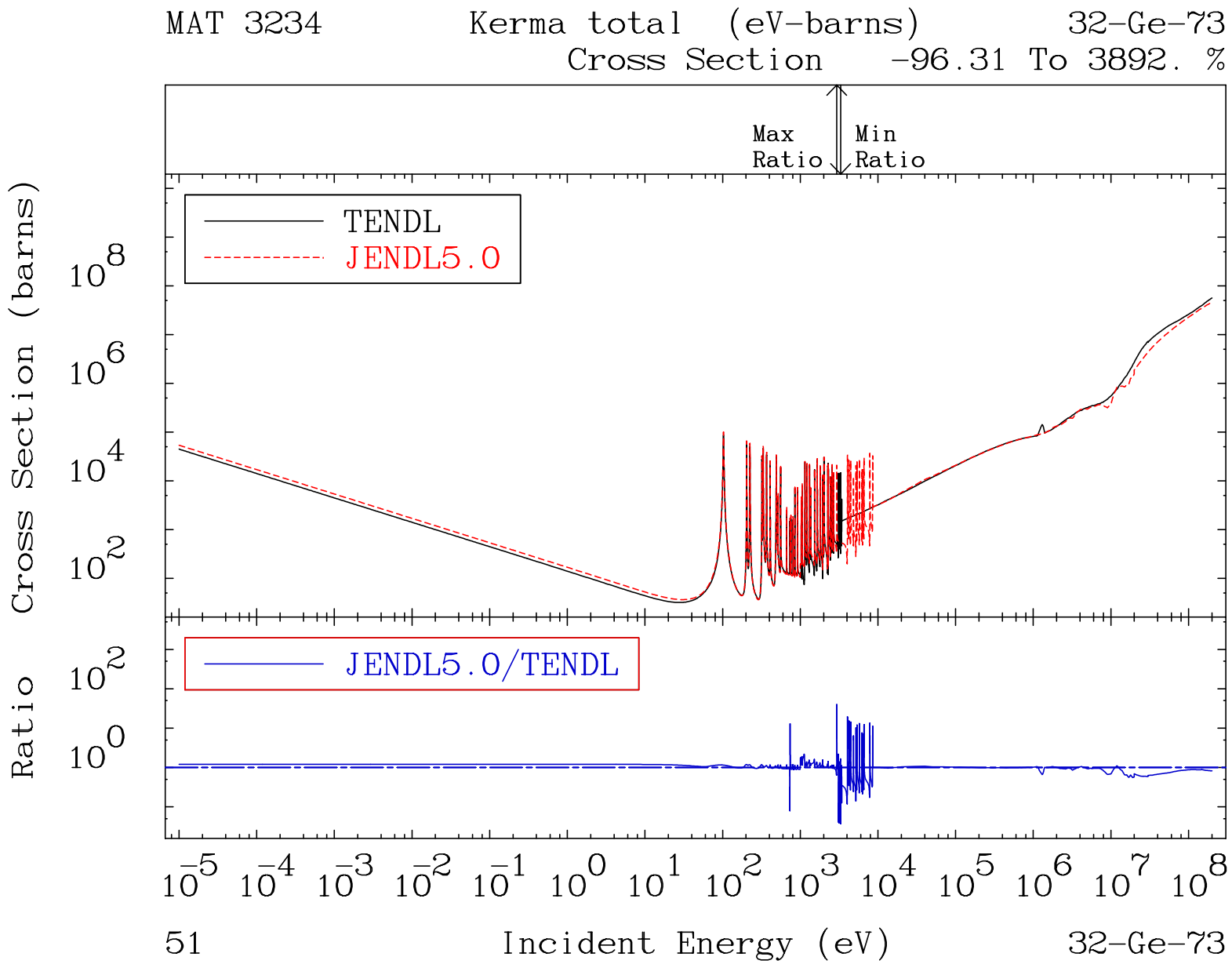

MAT 3234
Hydrogen Production
32-Ge-73
Cross Section
-65.00 To 9999. %
Min
Ratio
TENDL Threshold 827.13 keV
JENDL5.0 Threshold 822.22 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
10^4
10^2
10^0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
46
Incident Energy (eV)
32-Ge-73

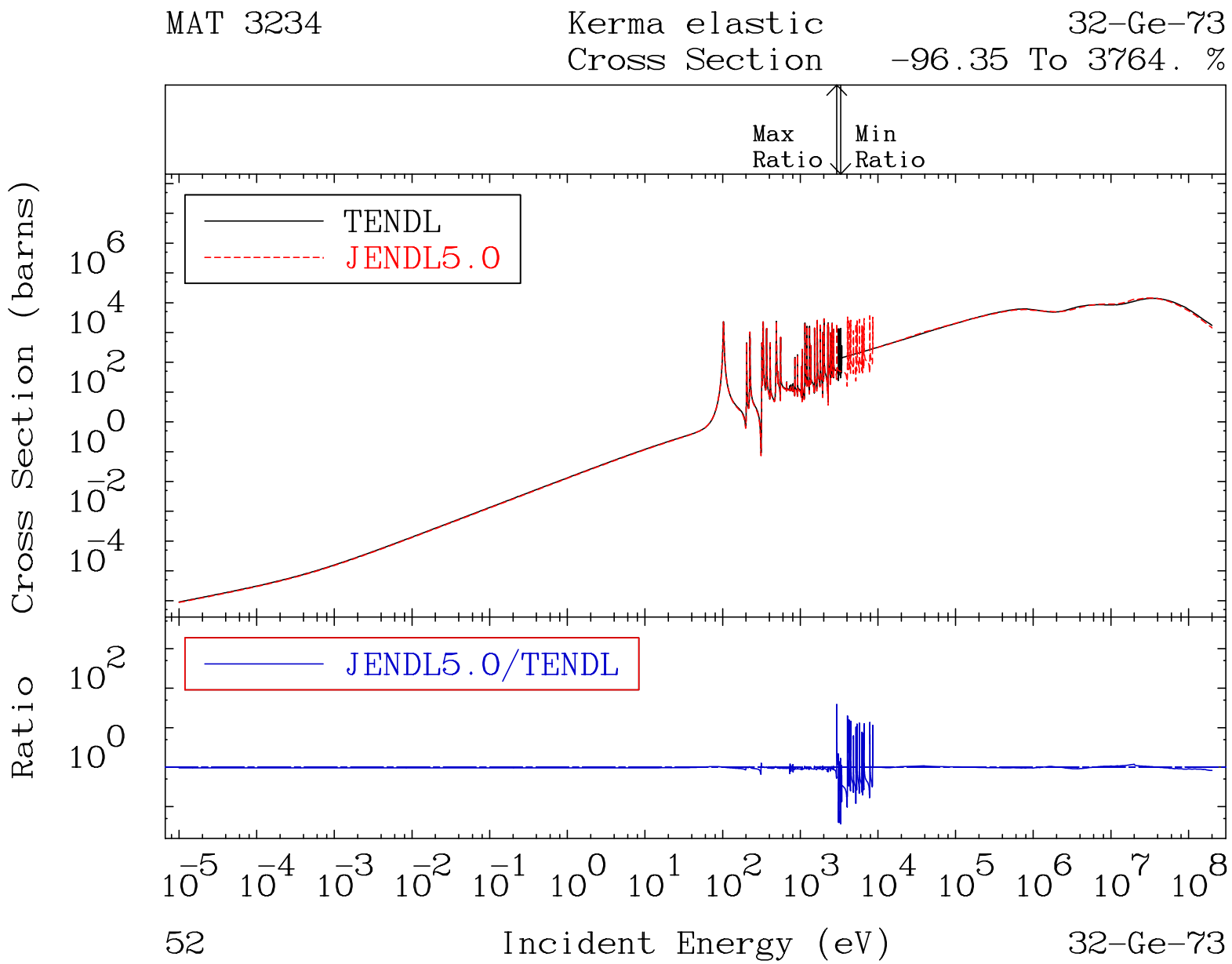

MAT 3234
Deuterium Production
32-Ge-73
Cross Section -100.0 To -18.88%
Min Ratio
Max Ratio
TENDL Threshold 7.8812 MeV
JENDL5.0 Threshold 20.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
1.2
0.8
0.4
0.0
8
10^7
2
3
4
5
6
7
8
10^8
2
47
Incident Energy (eV)
32-Ge-73

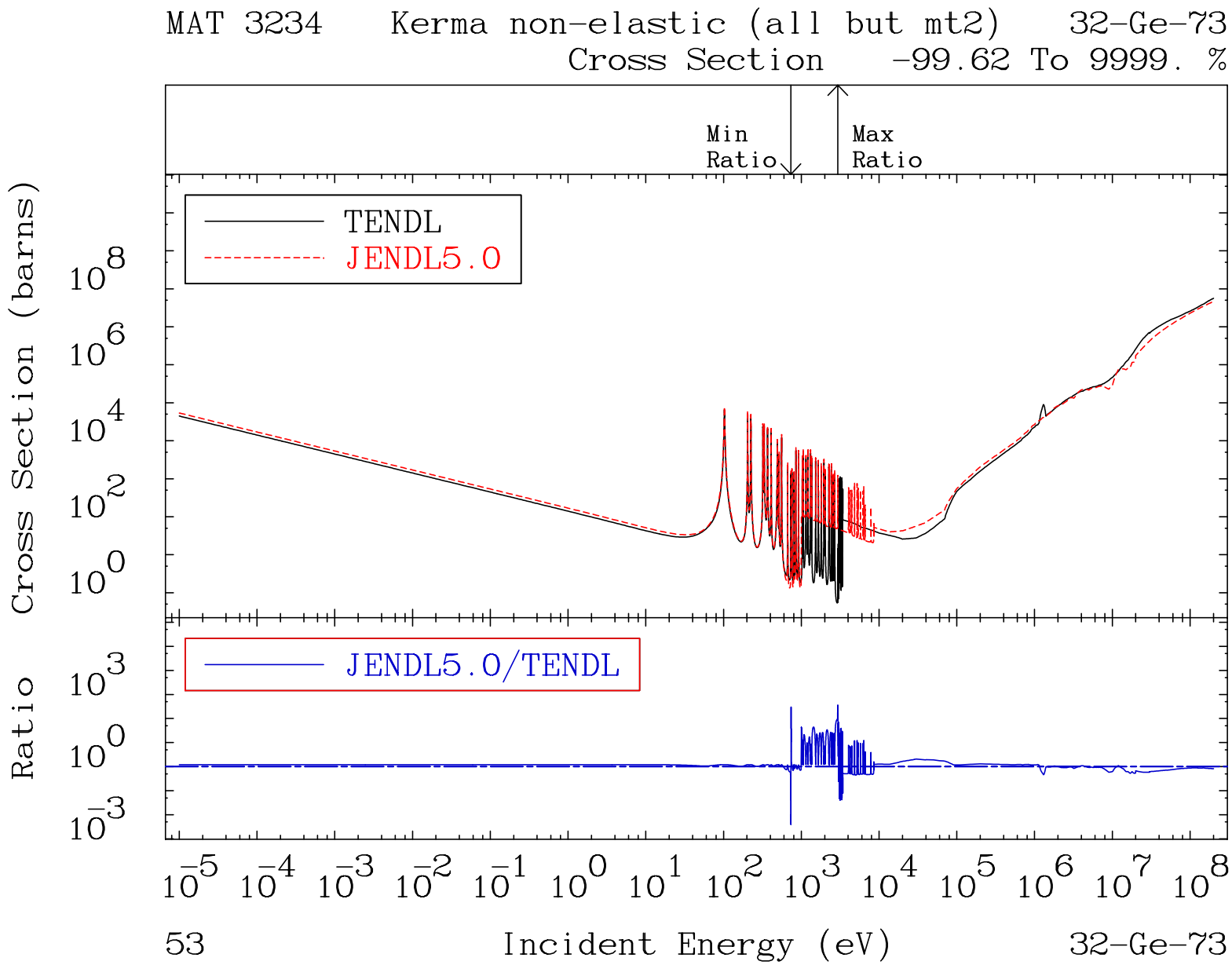

MAT 3234
Tritium Production
Cross Section
32-Ge-73
-100.0 To -11.33%
Min Ratio
Max Ratio
TENDL Threshold 8.1481 MeV
JENDL5.0 Threshold 20.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
1.2
0.8
0.4
0.0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
48
Incident Energy (eV)
32-Ge-73

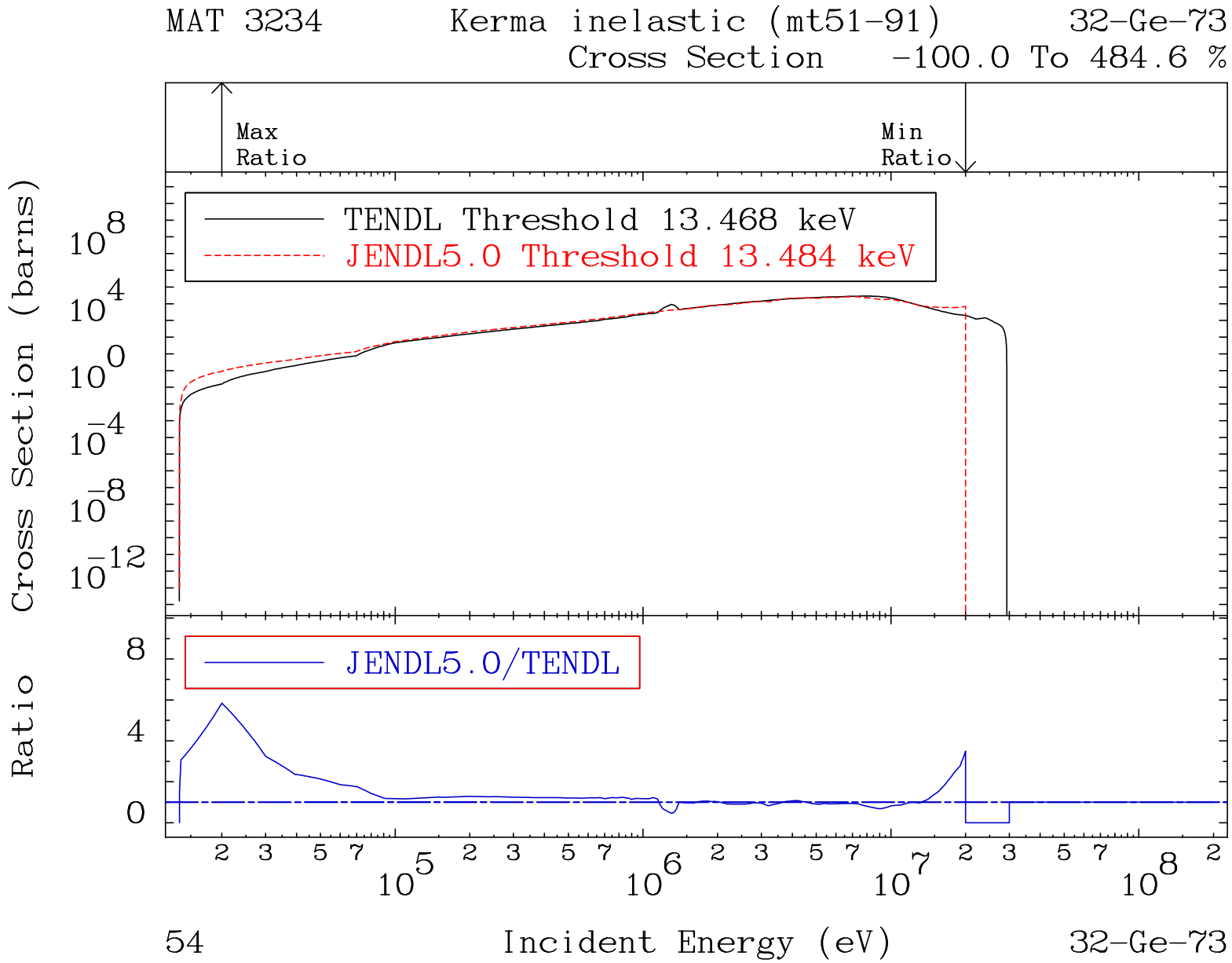

MAT 3234
He-3 Production
Cross Section
32-Ge-73
-100.0 To -7.918%
Min Ratio
Max Ratio
TENDL Threshold 10.978 MeV
JENDL5.0 Threshold 20.000 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
1.2
0.6
0.0
2
3
4
5
6
7
8
9
10^8
2
49
Incident Energy (eV)
32-Ge-73

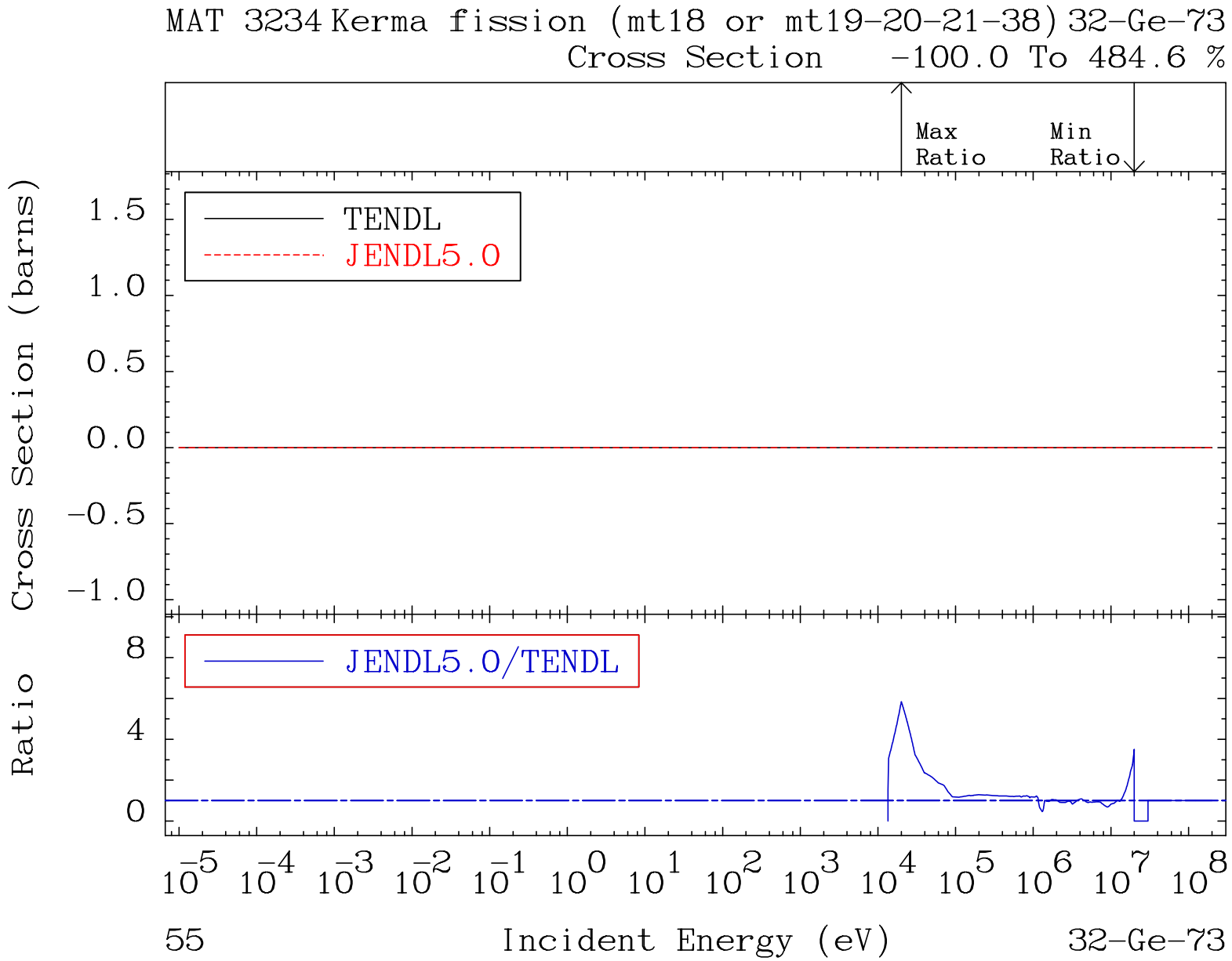

MAT 3234
He-4 Production
Cross Section
32-Ge-73
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0 Threshold 991.30 eV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
200
100
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
50
Incident Energy (eV)
32-Ge-73

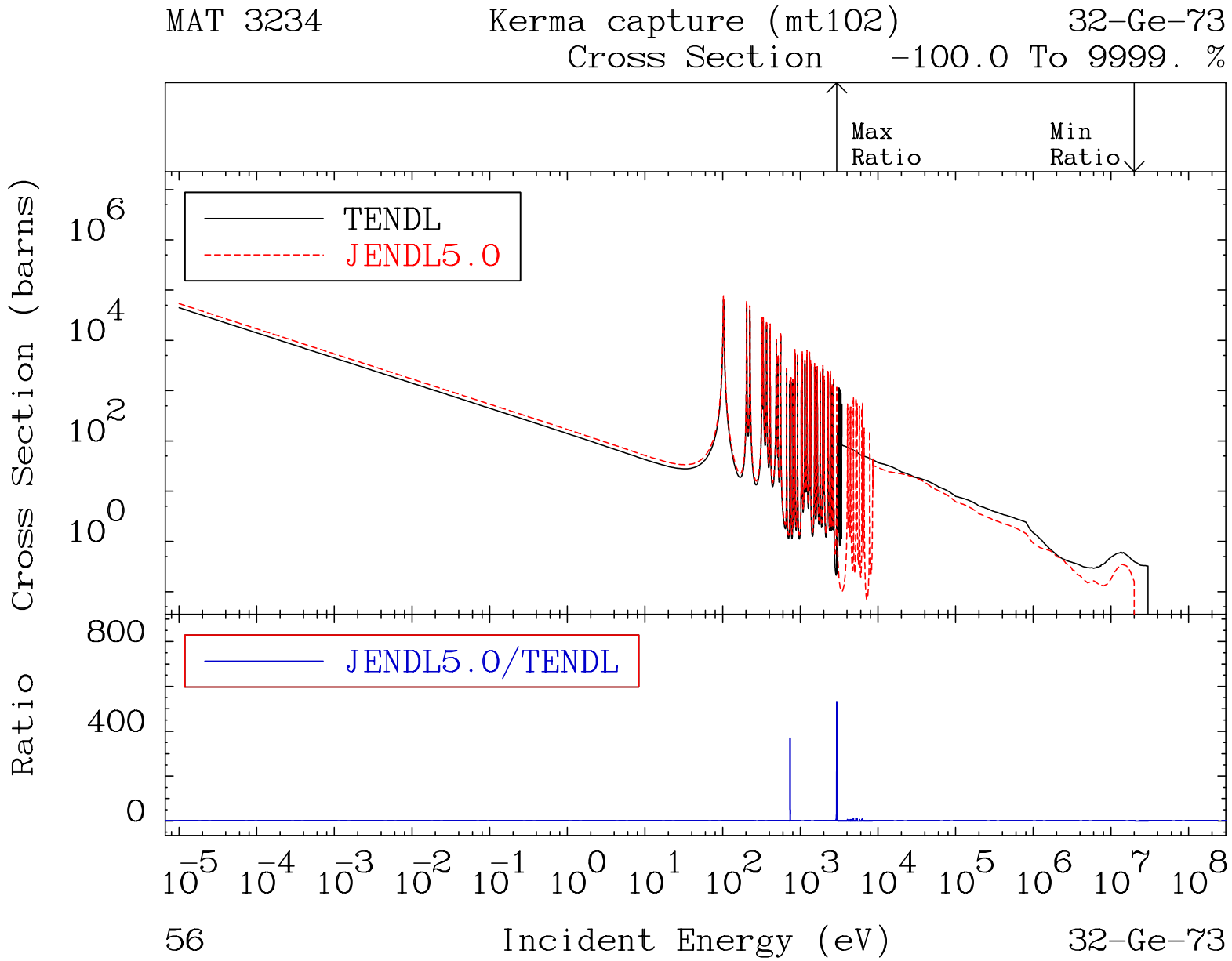

MAT 3234
Kerma total (eV-barns)
32-Ge-73
Cross Section -96.31 To 3892. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
51
32-Ge-73

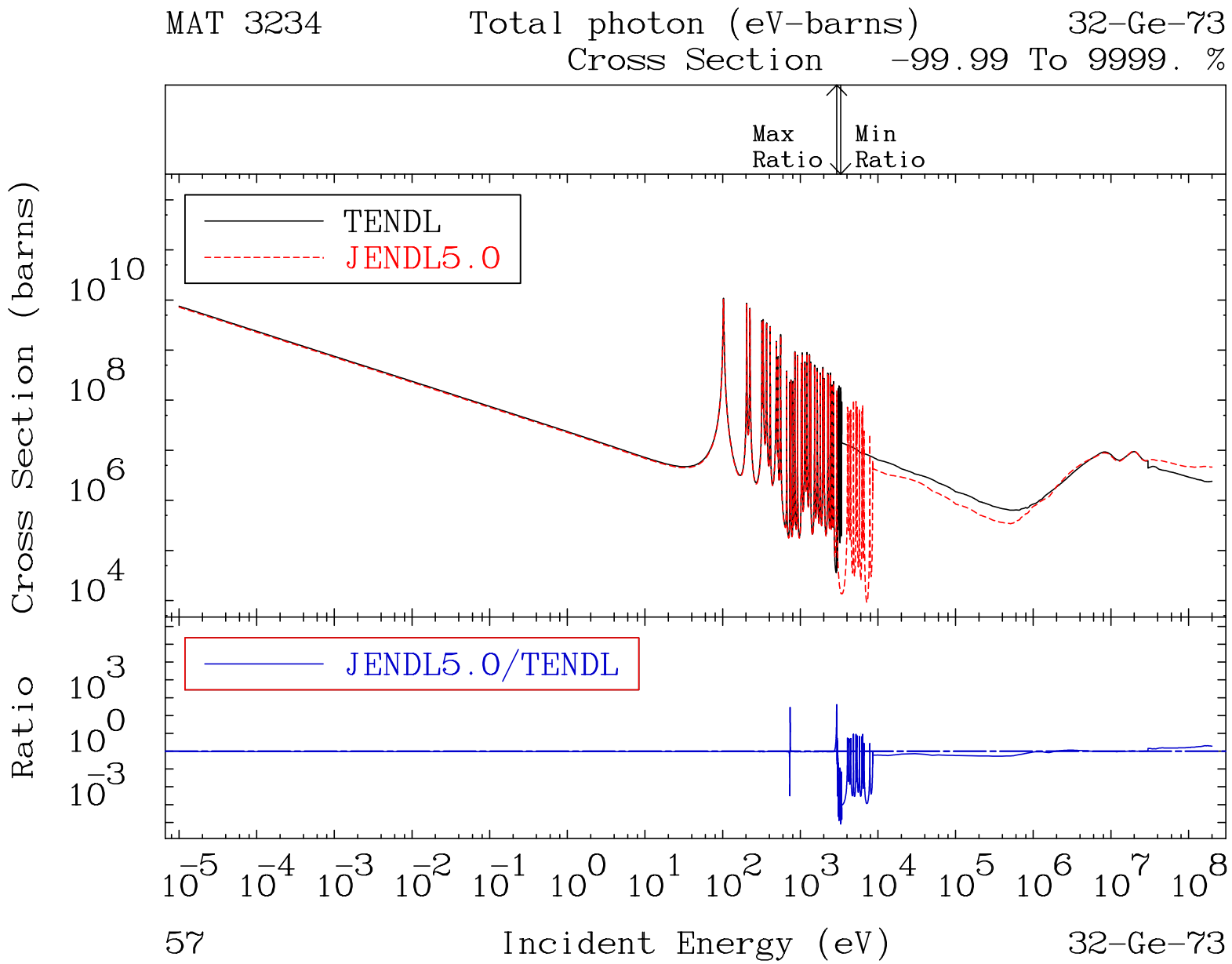

MAT 3234
Kerma elastic
Cross Section
32-Ge-73
-96.35 To 3764. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
52
32-Ge-73

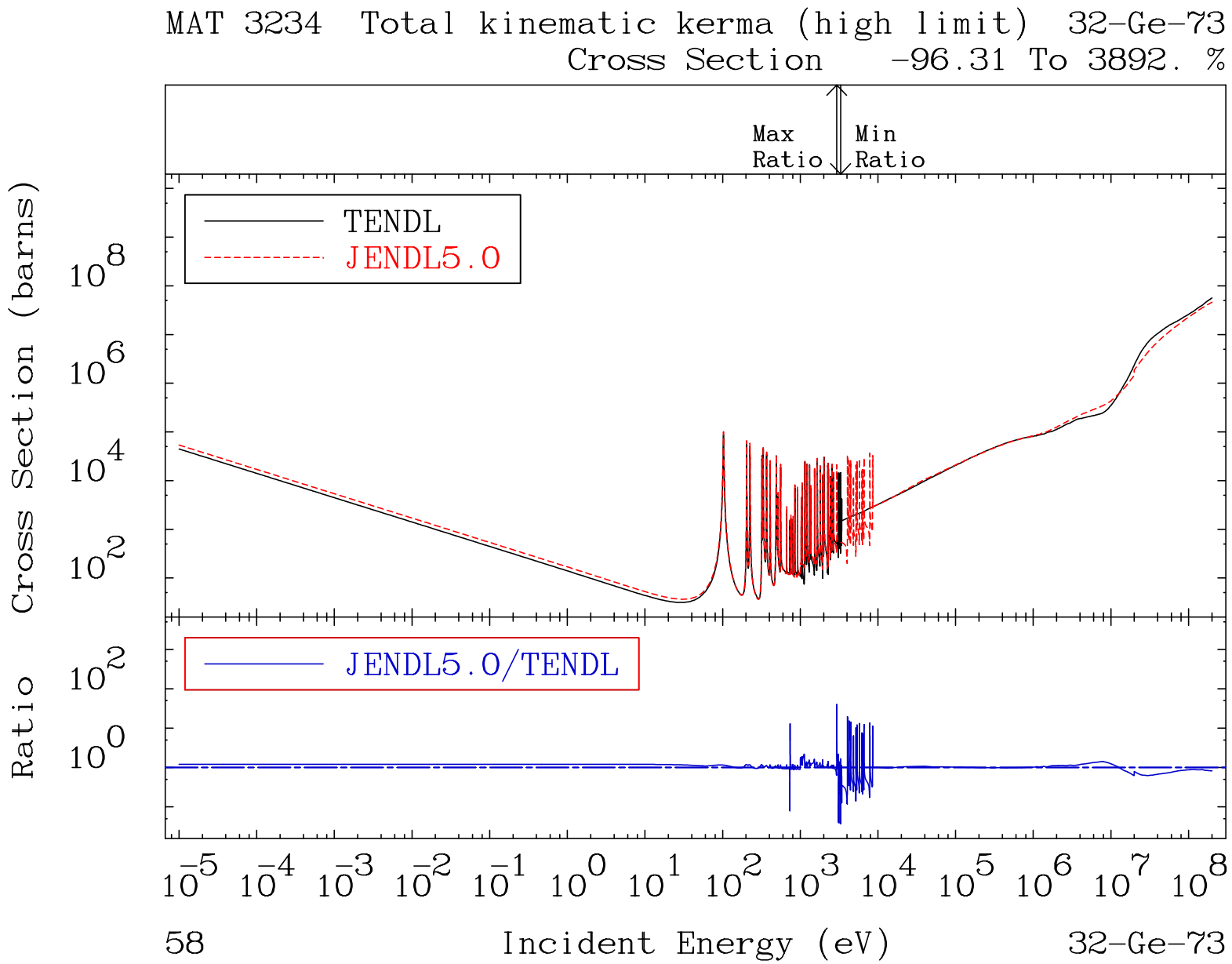

MAT 3234 Kerma non-elastic (all but mt2) 32-Ge-73
Cross Section -99.62 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
53
32-Ge-73

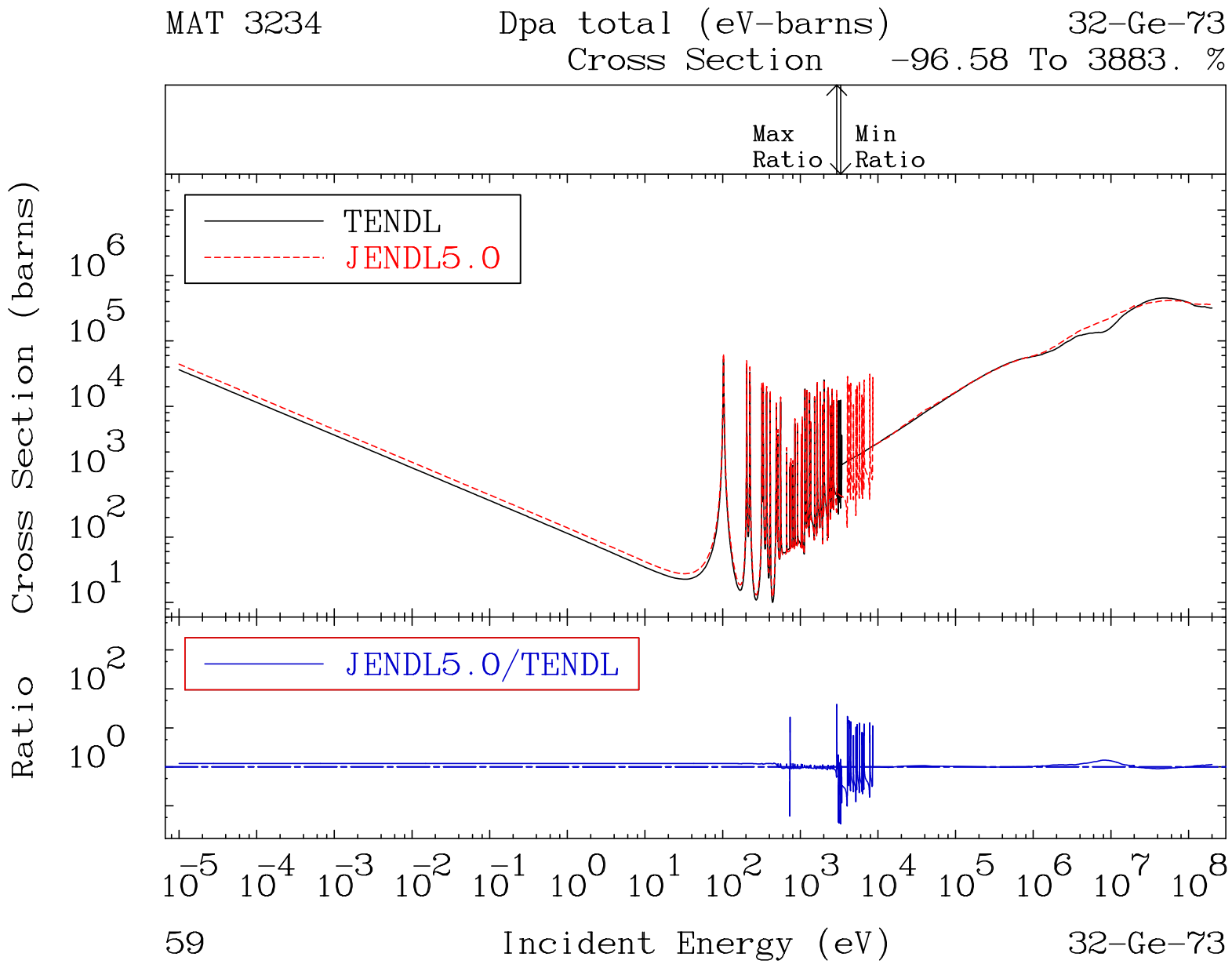

MAT 3234
Kerma inelastic (mt51-91)
32-Ge-73
Cross Section
-100.0 To 484.6 %
Max Ratio
Min Ratio
TENDL Threshold 13.468 keV
JENDL5.0 Threshold 13.484 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
54
32-Ge-73

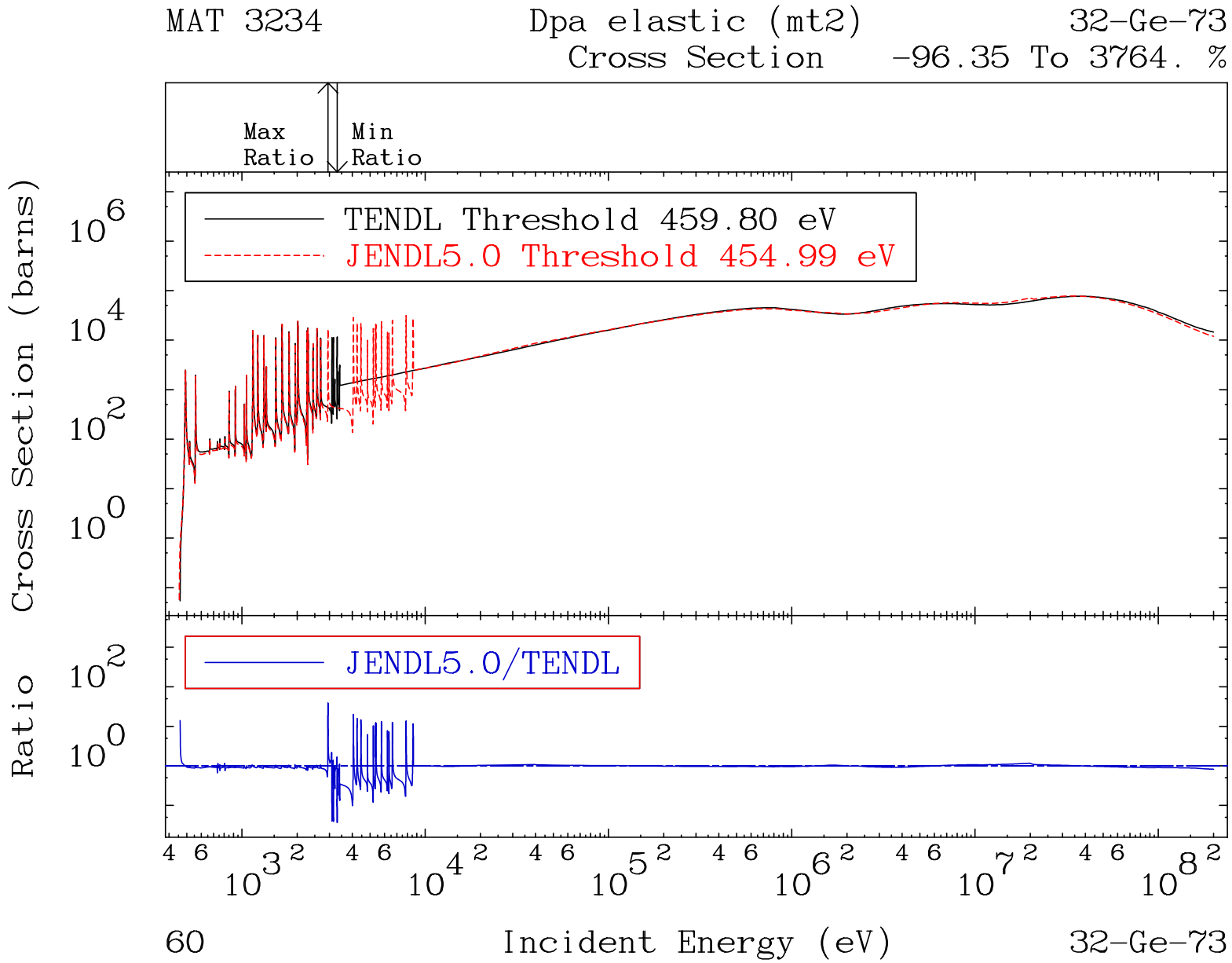

MAT 3234 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-73
Cross Section -100.0 To 484.6 %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
8
4
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
55
Incident Energy (eV)
32-Ge-73

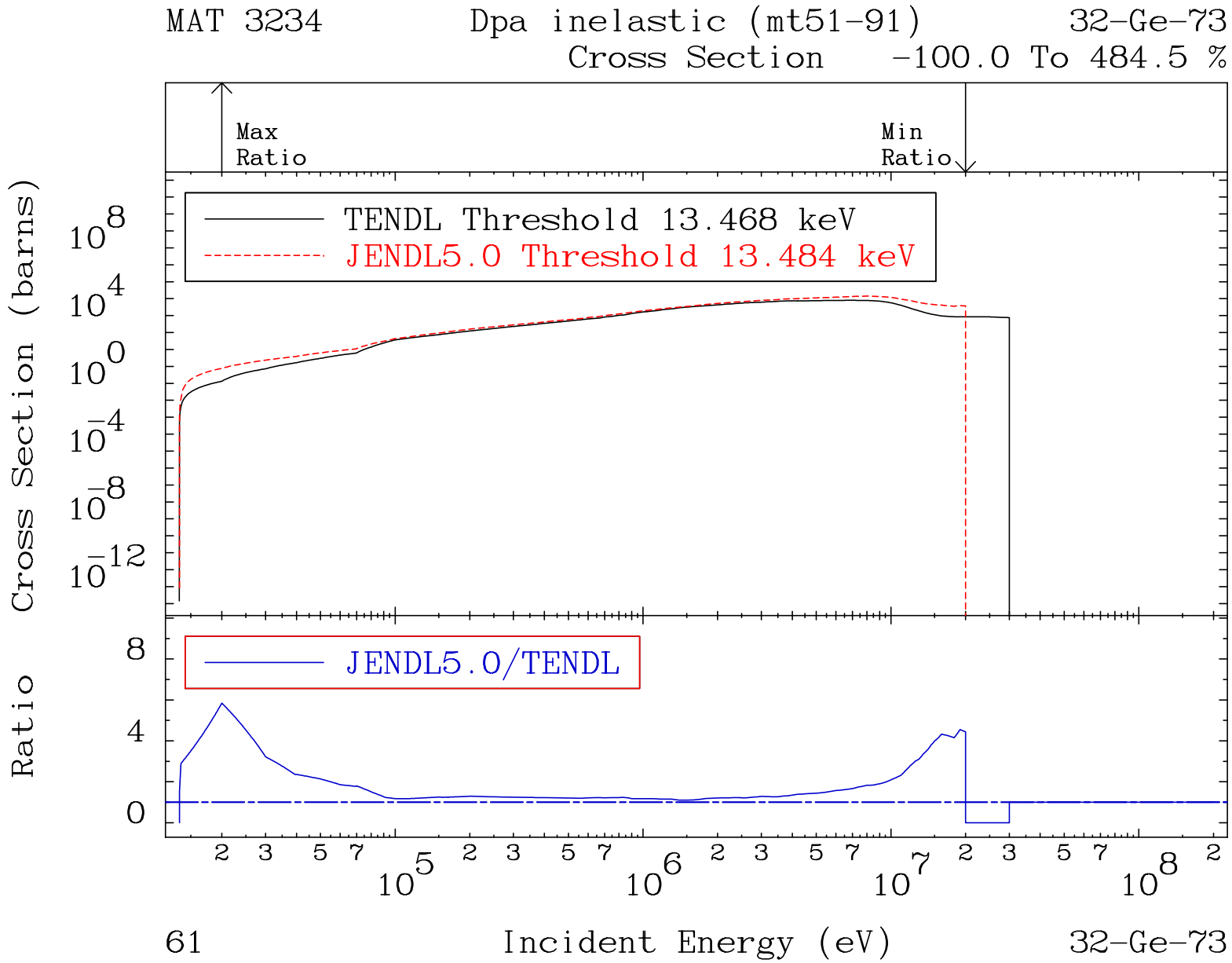

MAT 3234
Kerma capture (mt102)
32-Ge-73
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
56
32-Ge-73

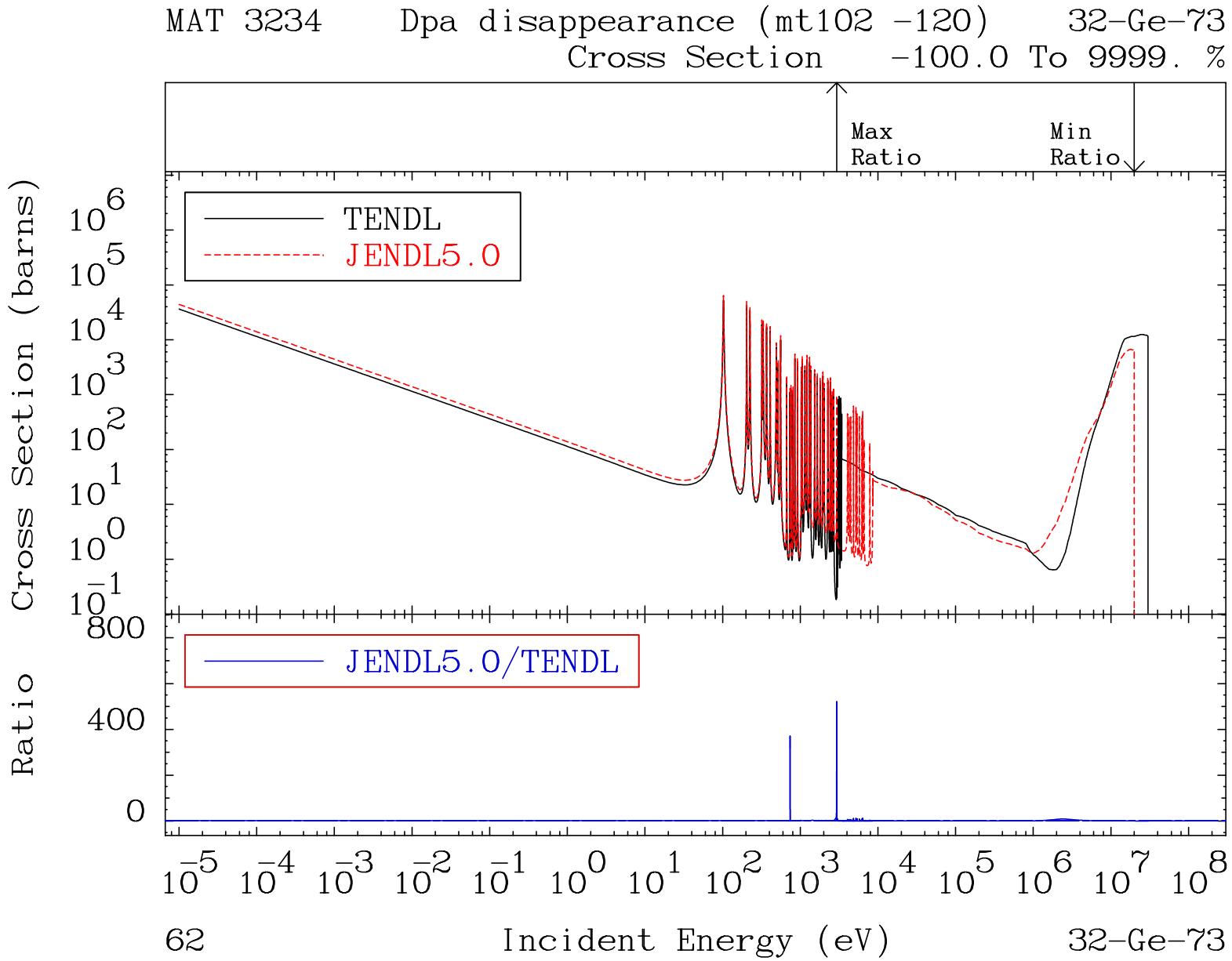

MAT 3234
Total photon (eV-barns)
32-Ge-73
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
10^10
10^8
10^6
10^4
JENDL5.0/TENDL
Ratio
10^3
10^0
10^-3
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
57
Incident Energy (eV)
32-Ge-73


MAT 3234 Total kinematic kerma (high limit) 32-Ge-73
Cross Section -96.31 To 3892. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
Cross Section (barns)
10^{8}
10^{6}
10^{4}
10^{2}
JENDL5.0/TENDL
Ratio
10^{2}
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}
58
Incident Energy (eV)
32-Ge-73


MAT 3234
Dpa total (eV-barns)
32-Ge-73
Cross Section -96.58 To 3883. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
59
32-Ge-73


MAT 3234
Dpa elastic (mt2)
Cross Section
32-Ge-73
-96.35 To 3764. %
Max Ratio
Min Ratio
TENDL Threshold 459.80 eV
JENDL5.0 Threshold 454.99 eV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
60
32-Ge-73


MAT 3234
Dpa inelastic (mt51-91)
32-Ge-73
Cross Section -100.0 To 484.5 %
Max Ratio
Min Ratio
TENDL Threshold 13.468 keV
JENDL5.0 Threshold 13.484 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
61
32-Ge-73


MAT 3234 Dpa disappearance (mt102 -120) 32-Ge-73
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
62
32-Ge-73