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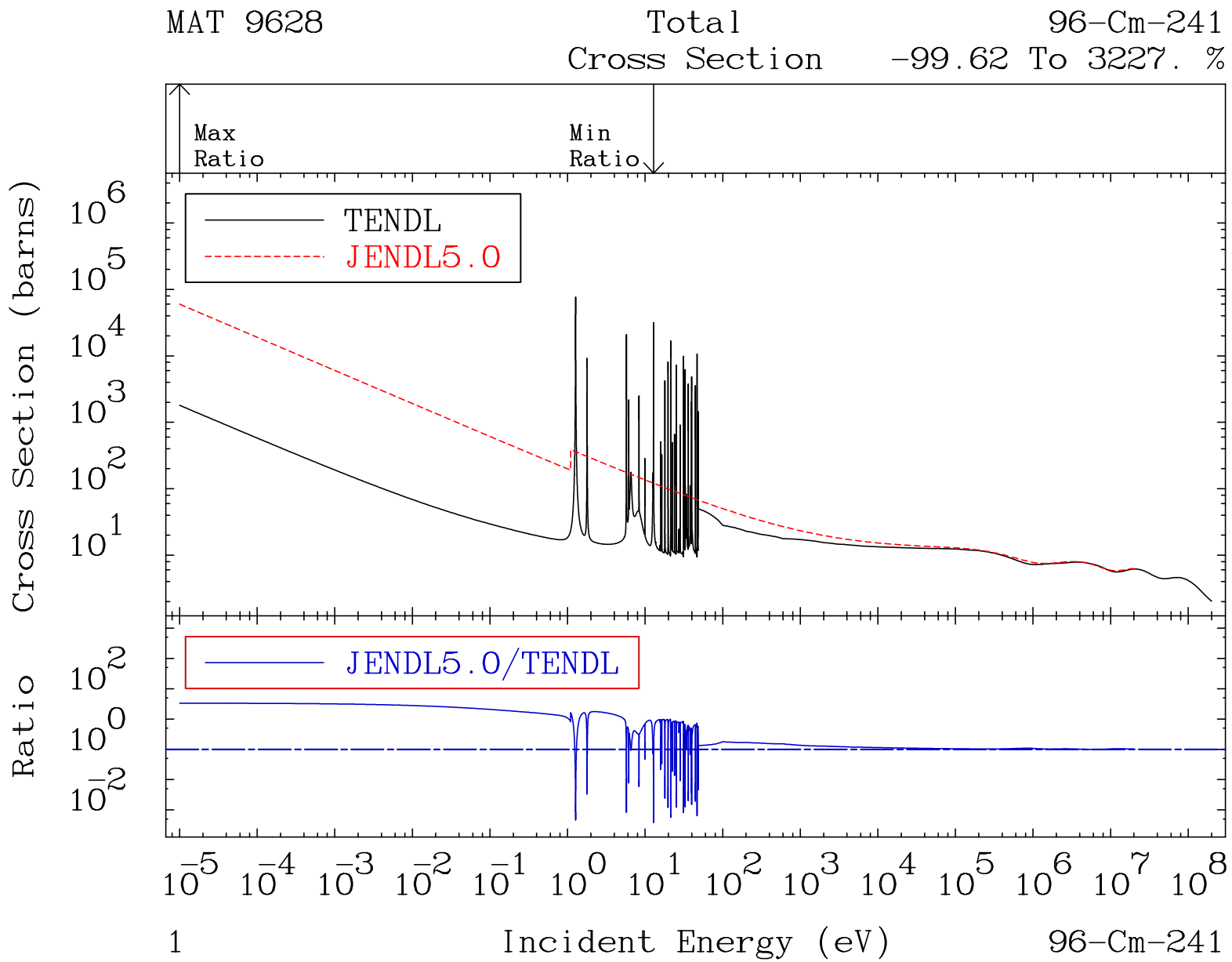
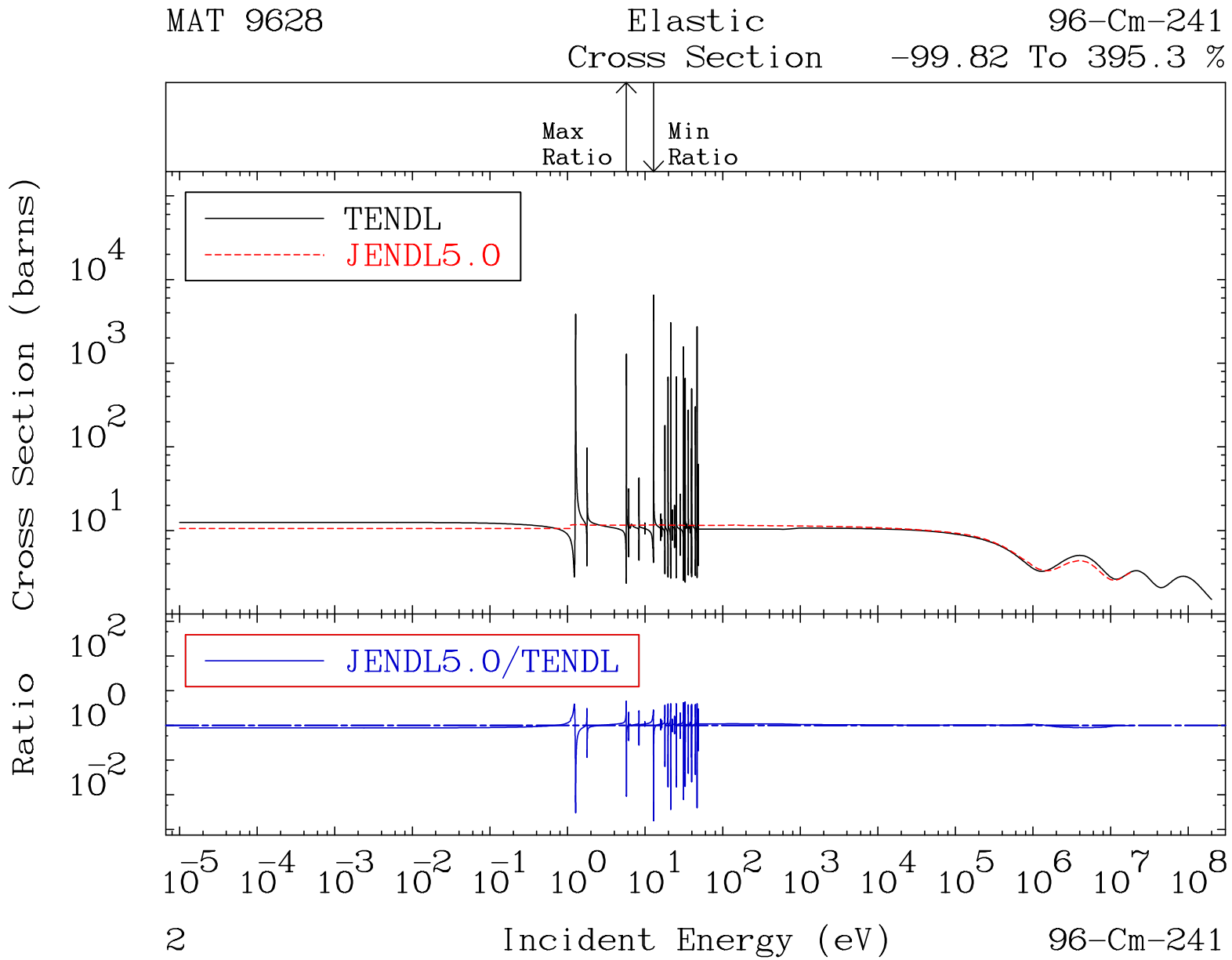
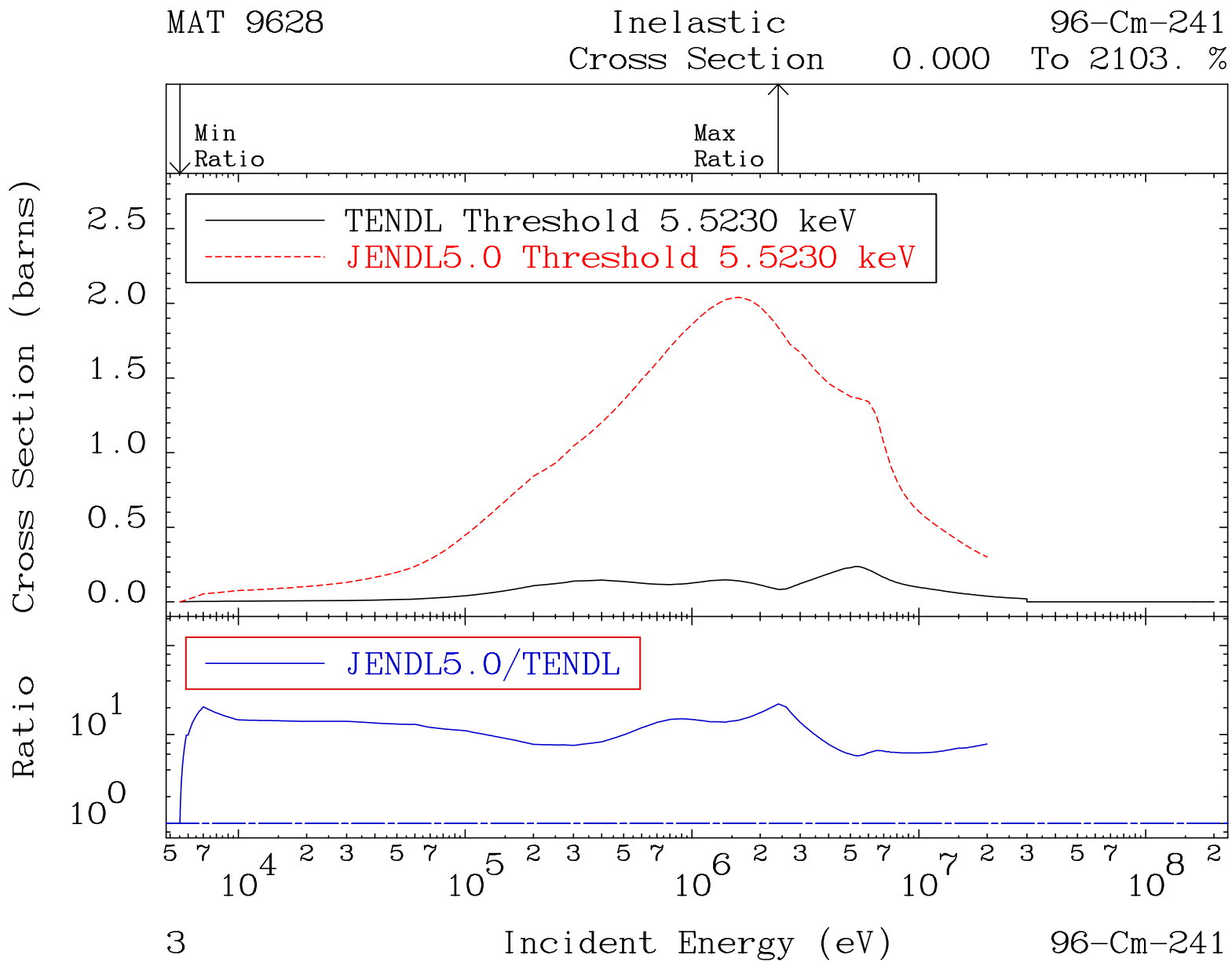
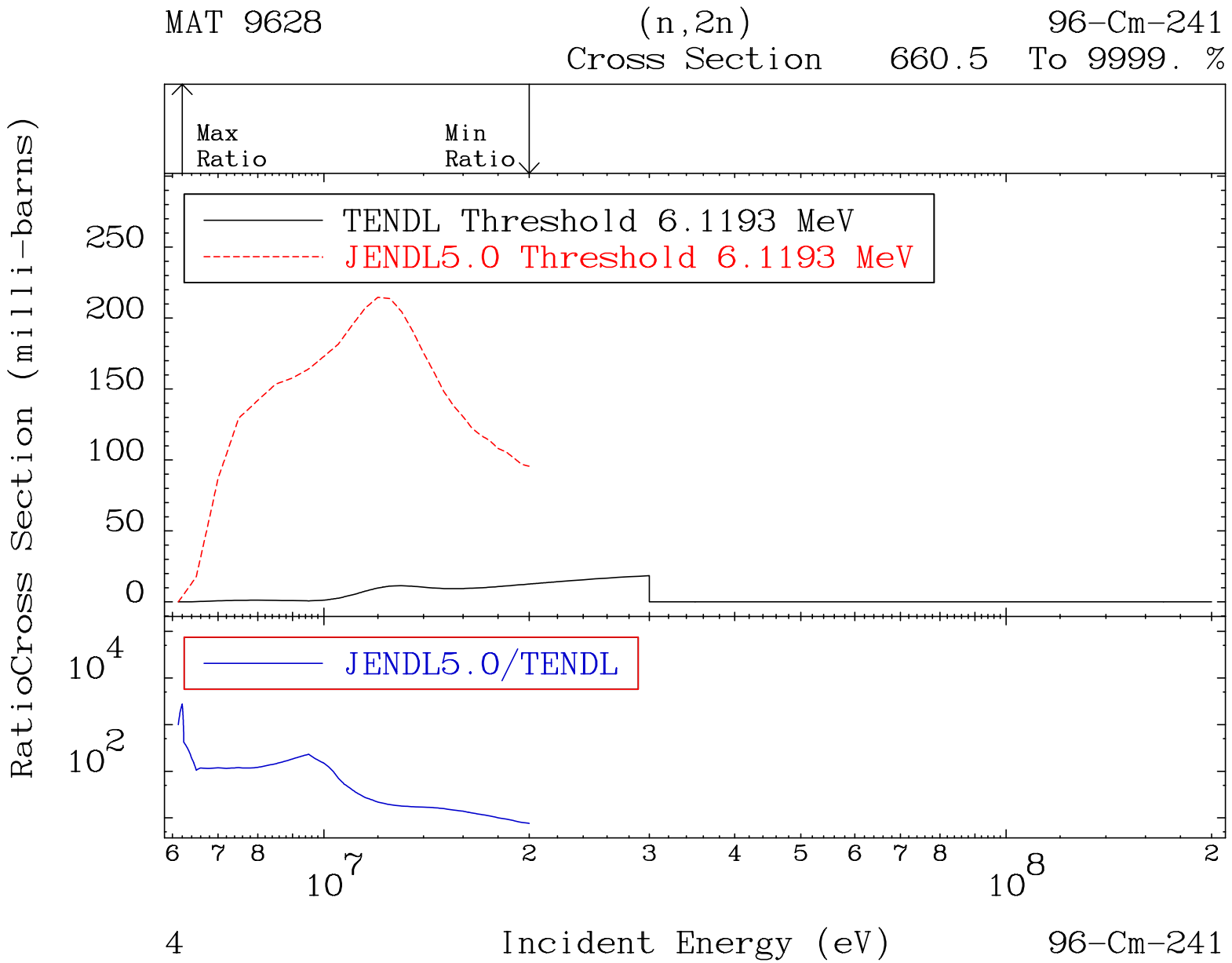
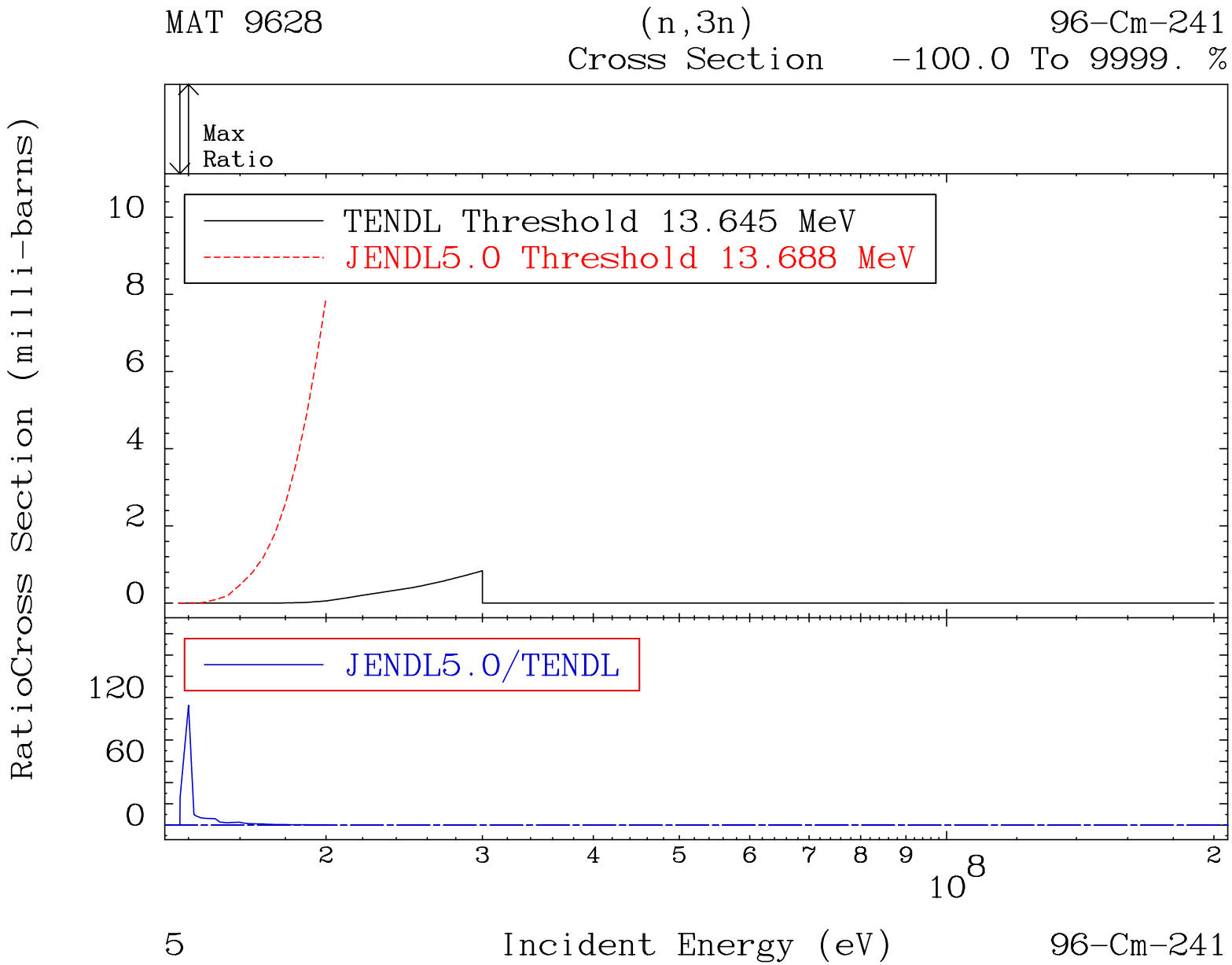
Press Mouse Button to Start

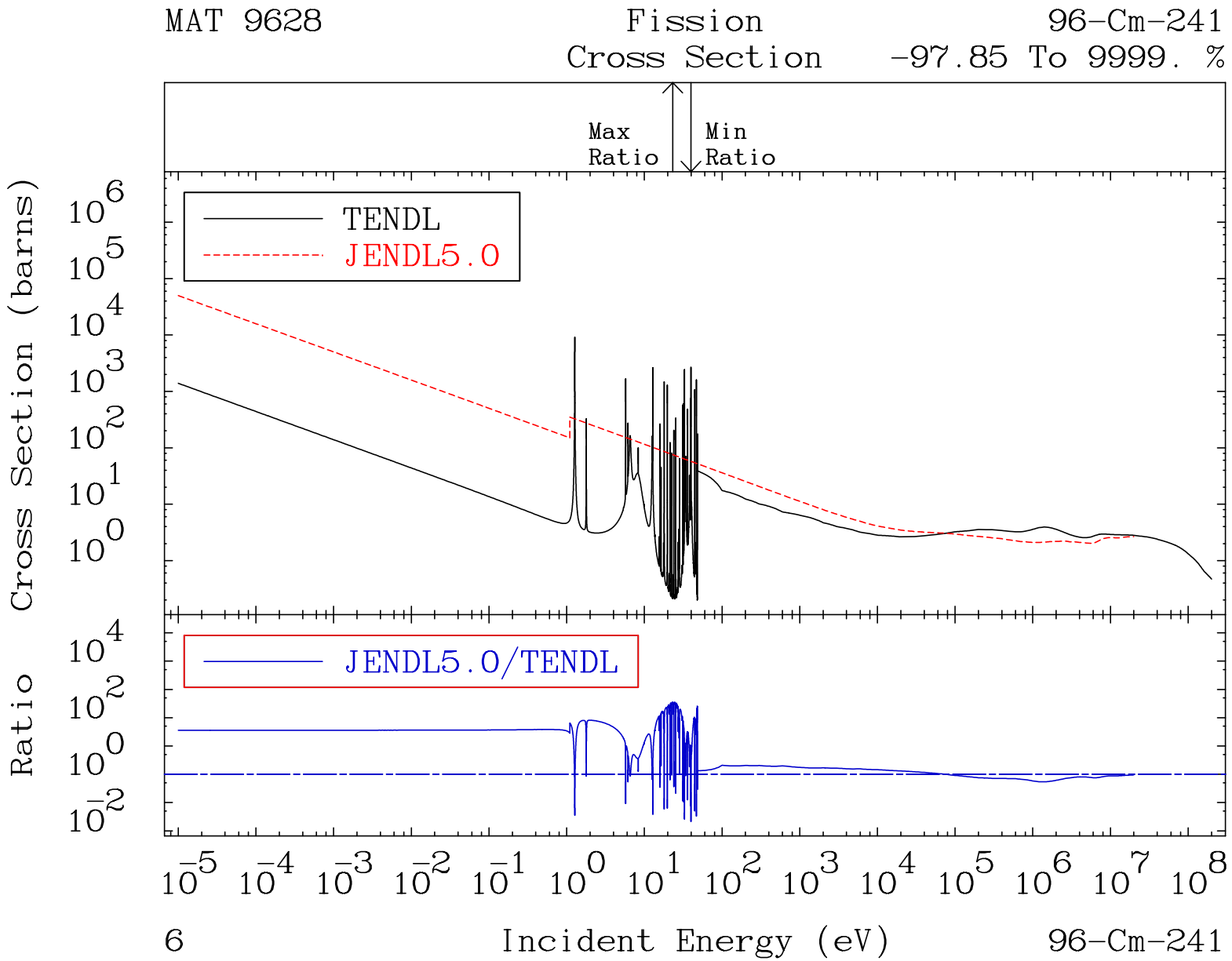

MAT 9628
Total
Cross Section
96-Cm-241
-99.62 To 3227. %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
1
96-Cm-241

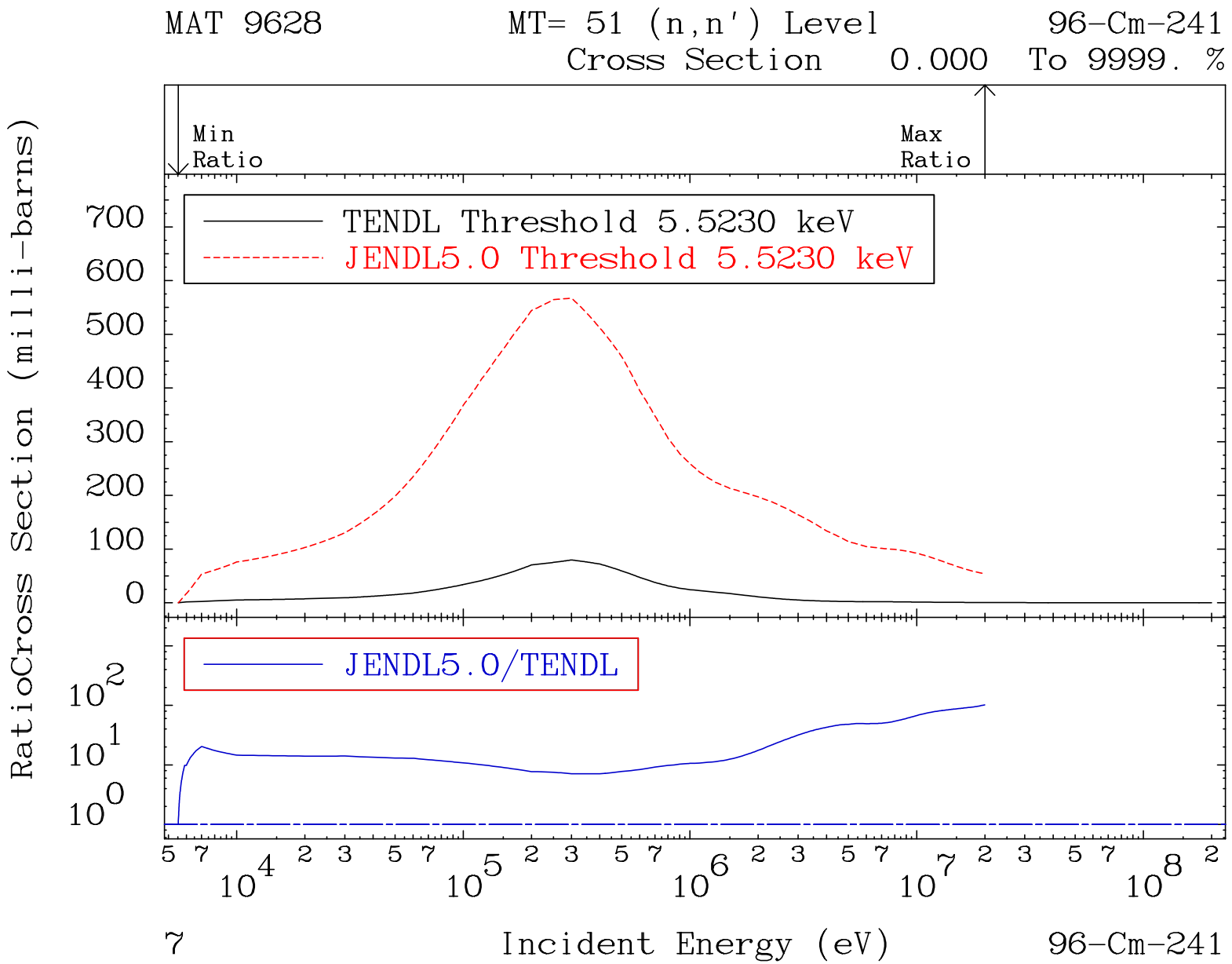

MAT 9628
Elastic
Cross Section
96-Cm-241
-99.82 To 395.3 %
Max
Ratio
Min
Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
96-Cm-241

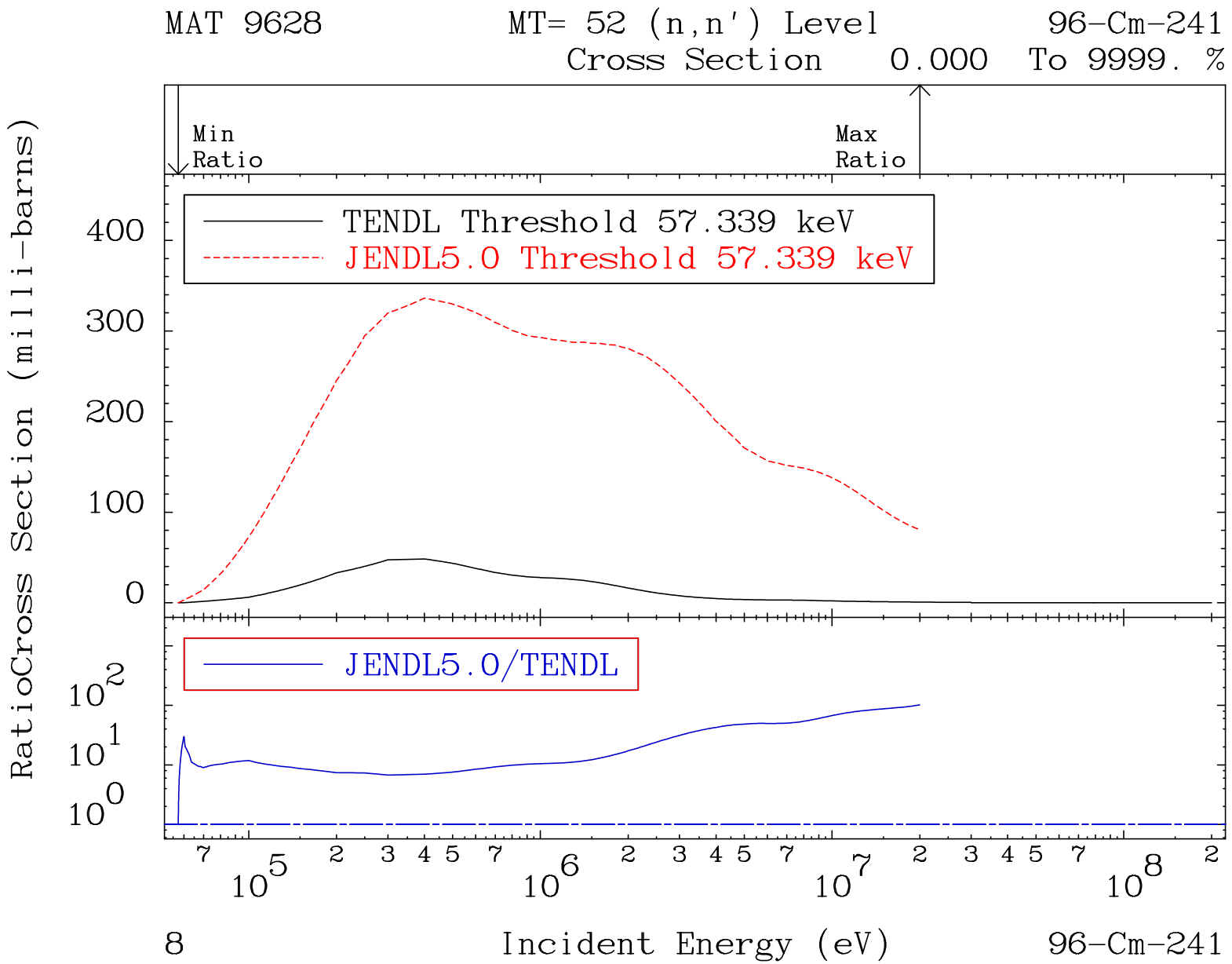

MAT 9628
Inelastic
Cross Section
96-Cm-241
0.000 To 2103. %
Min Ratio
Max Ratio
TENDL Threshold 5.5230 keV
JENDL5.0 Threshold 5.5230 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
3
96-Cm-241

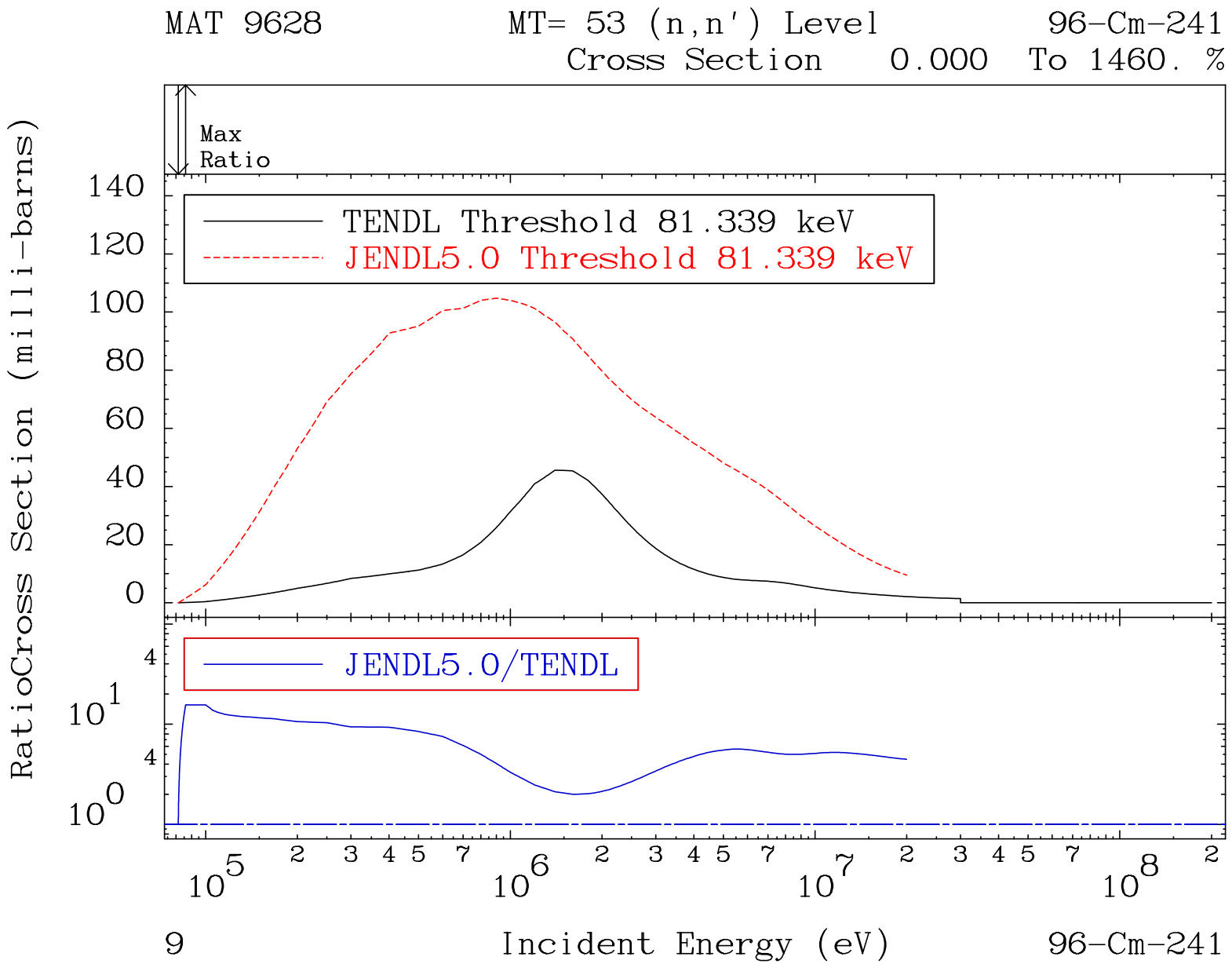

MAT 9628
(n,2n)
Cross Section
96-Cm-241
660.5 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 6.1193 MeV
JENDL5.0 Threshold 6.1193 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
10^4
10^2
6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
Incident Energy (eV)
4
96-Cm-241

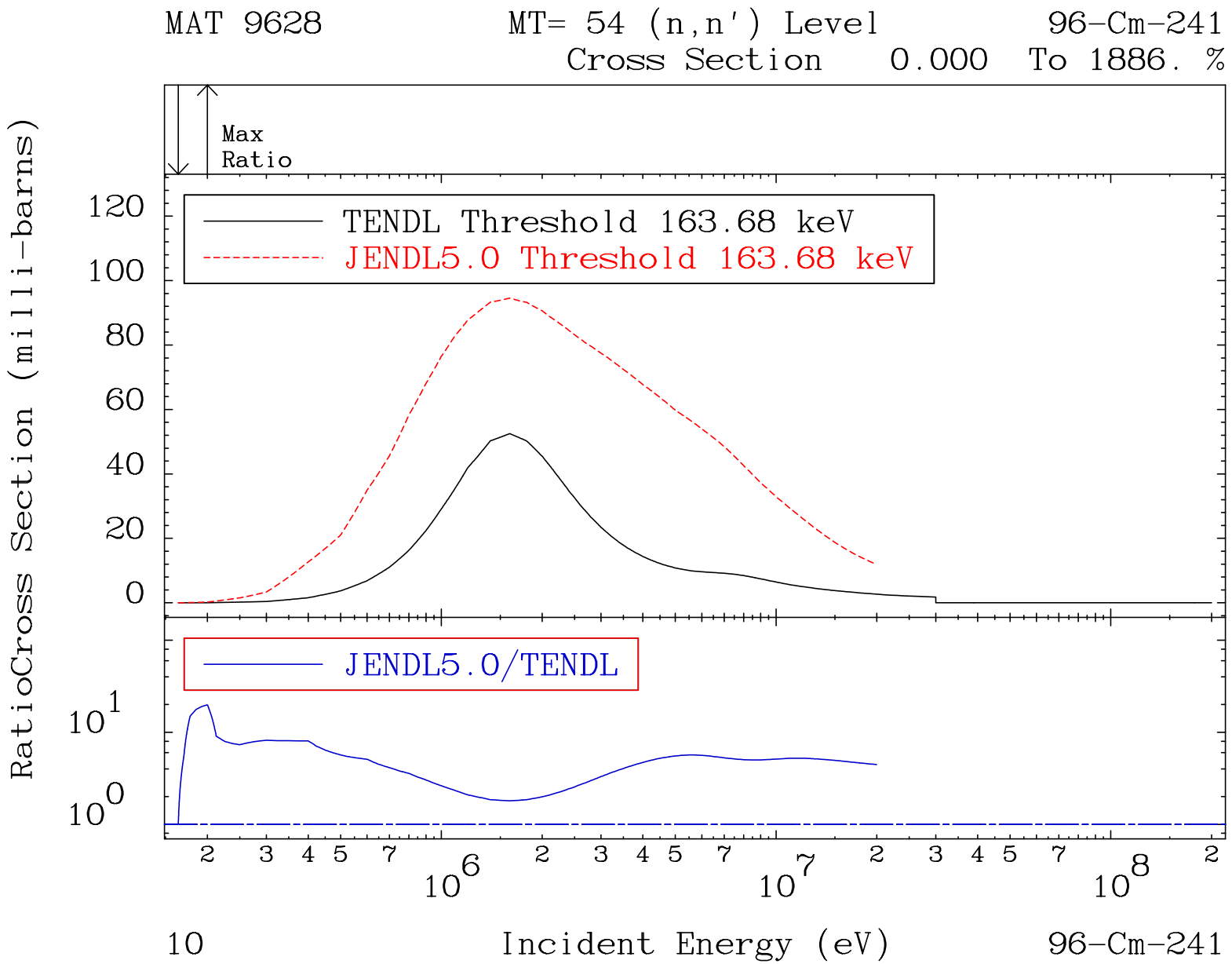

MAT 9628
(n,3n)
Cross Section
96-Cm-241
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 13.645 MeV
JENDL5.0 Threshold 13.688 MeV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
10
8
6
4
2
0
120
60
0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
96-Cm-241

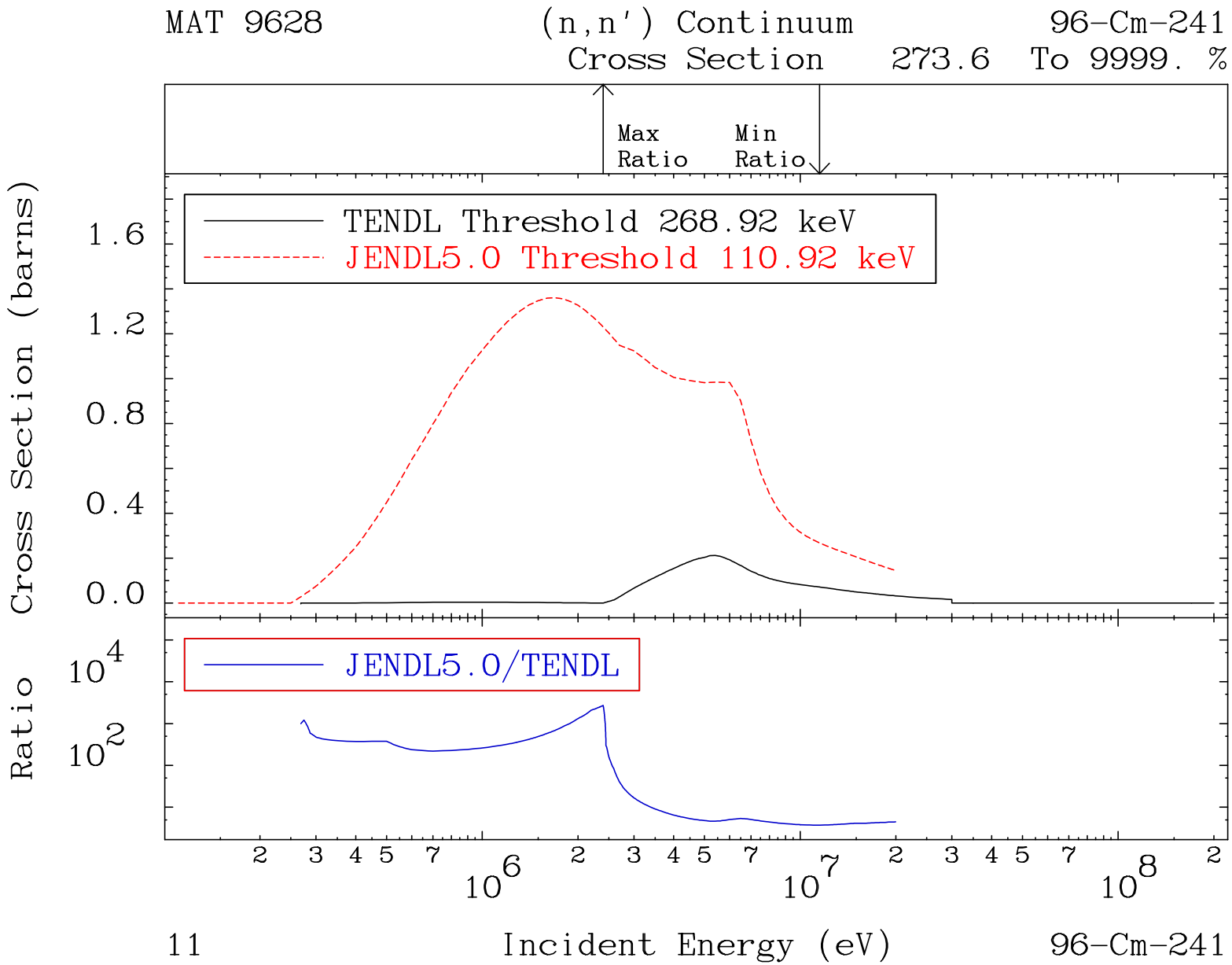

MAT 9628
Fission
Cross Section
96-Cm-241
-97.85 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
6
96-Cm-241

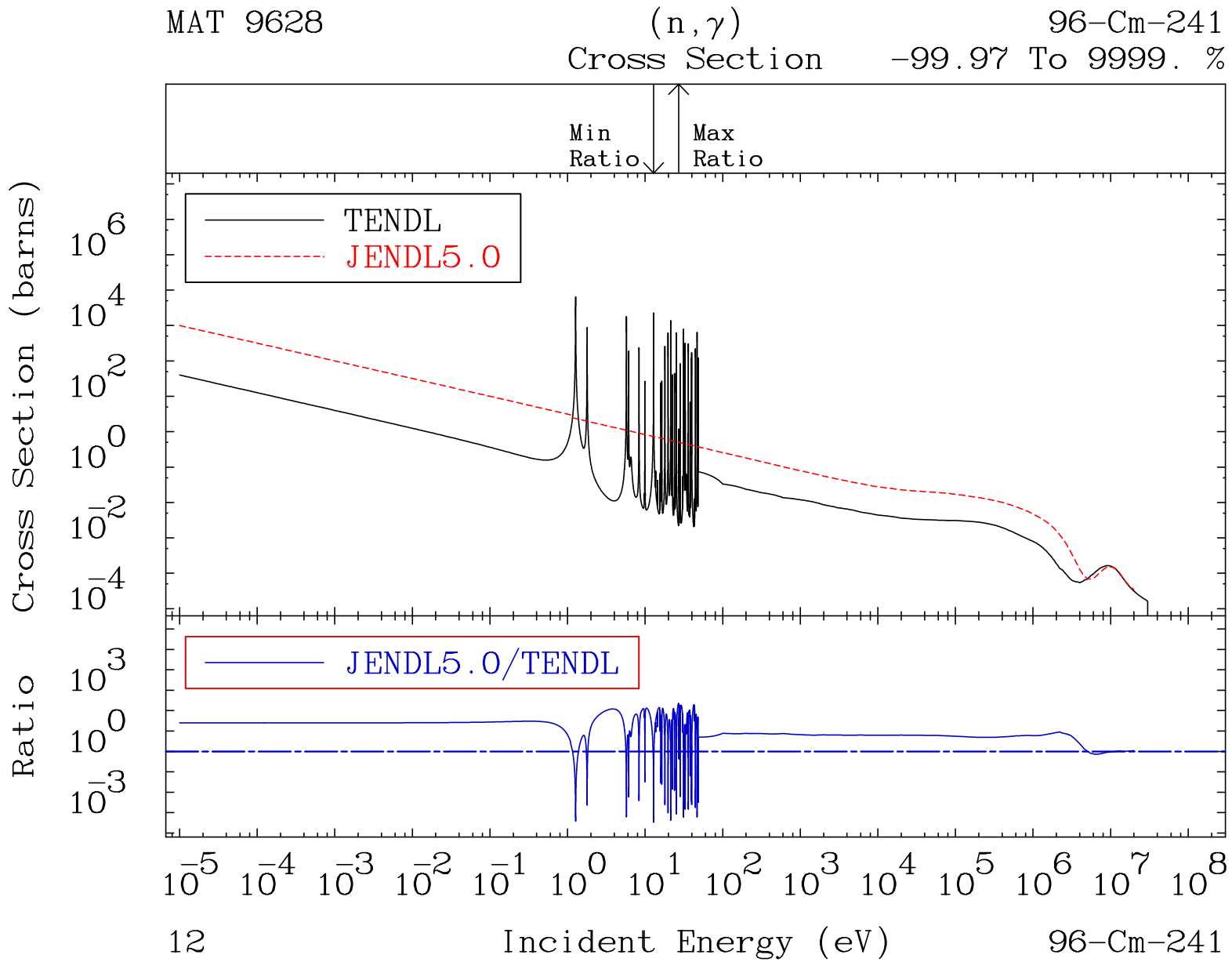

MAT 9628
MT= 51 (n,n') Level
96-Cm-241
Cross Section 0.000 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 5.5230 keV
JENDL5.0 Threshold 5.5230 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
96-Cm-241

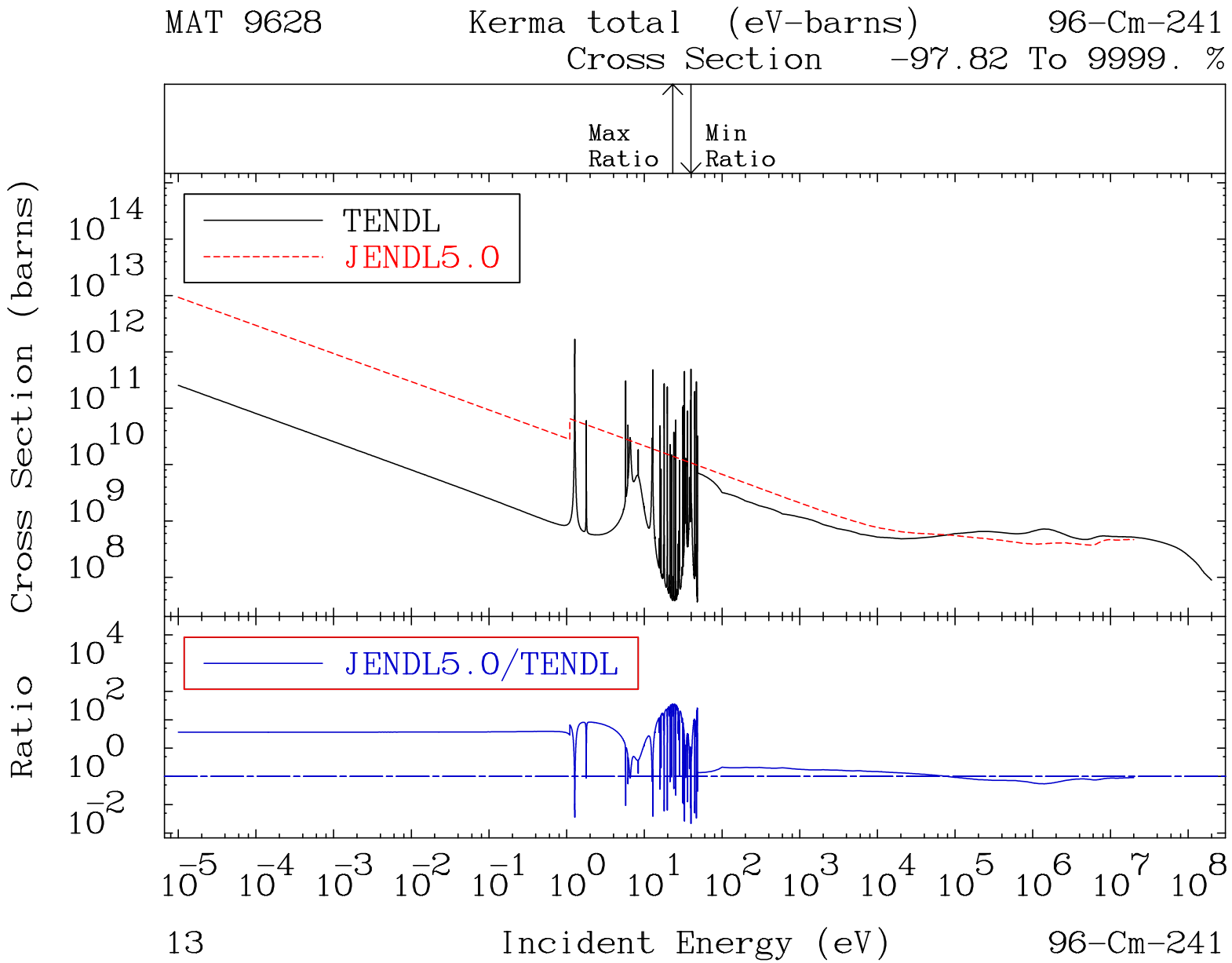

MAT 9628
MT= 52 (n,n') Level
96-Cm-241
Cross Section 0.000 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 57.339 keV
JENDL5.0 Threshold 57.339 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
8
96-Cm-241

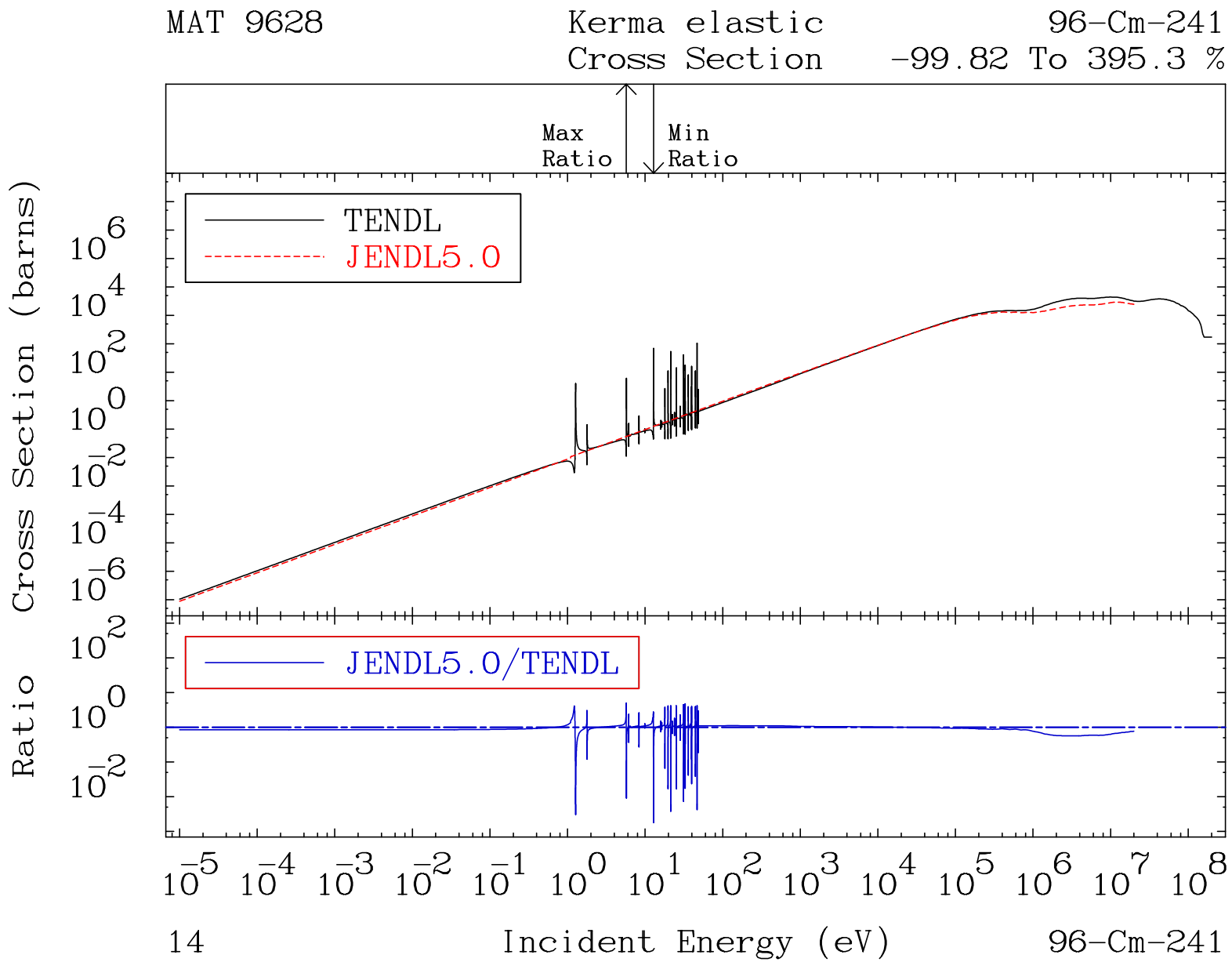

MAT 9628
MT= 53 (n,n') Level
96-Cm-241
Cross Section 0.000 To 1460. %
Max
Ratio
TENDL Threshold 81.339 keV
JENDL5.0 Threshold 81.339 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
9
96-Cm-241

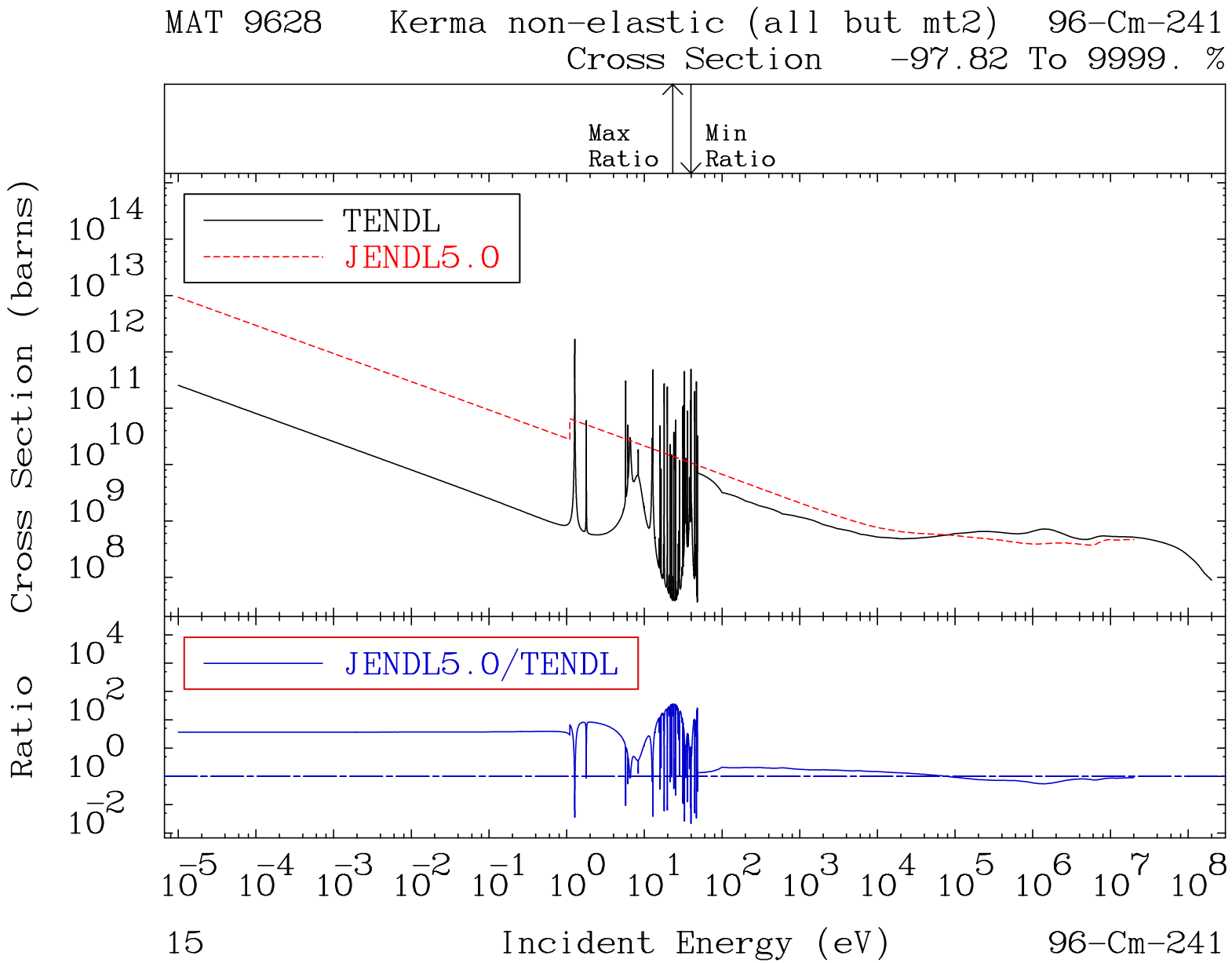

MAT 9628
MT= 54 (n,n') Level
96-Cm-241
Cross Section 0.000 To 1886. %
Max
Ratio
TENDL Threshold 163.68 keV
JENDL5.0 Threshold 163.68 keV
JENDL5.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
10^1
10^0
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
10
Incident Energy (eV)
96-Cm-241

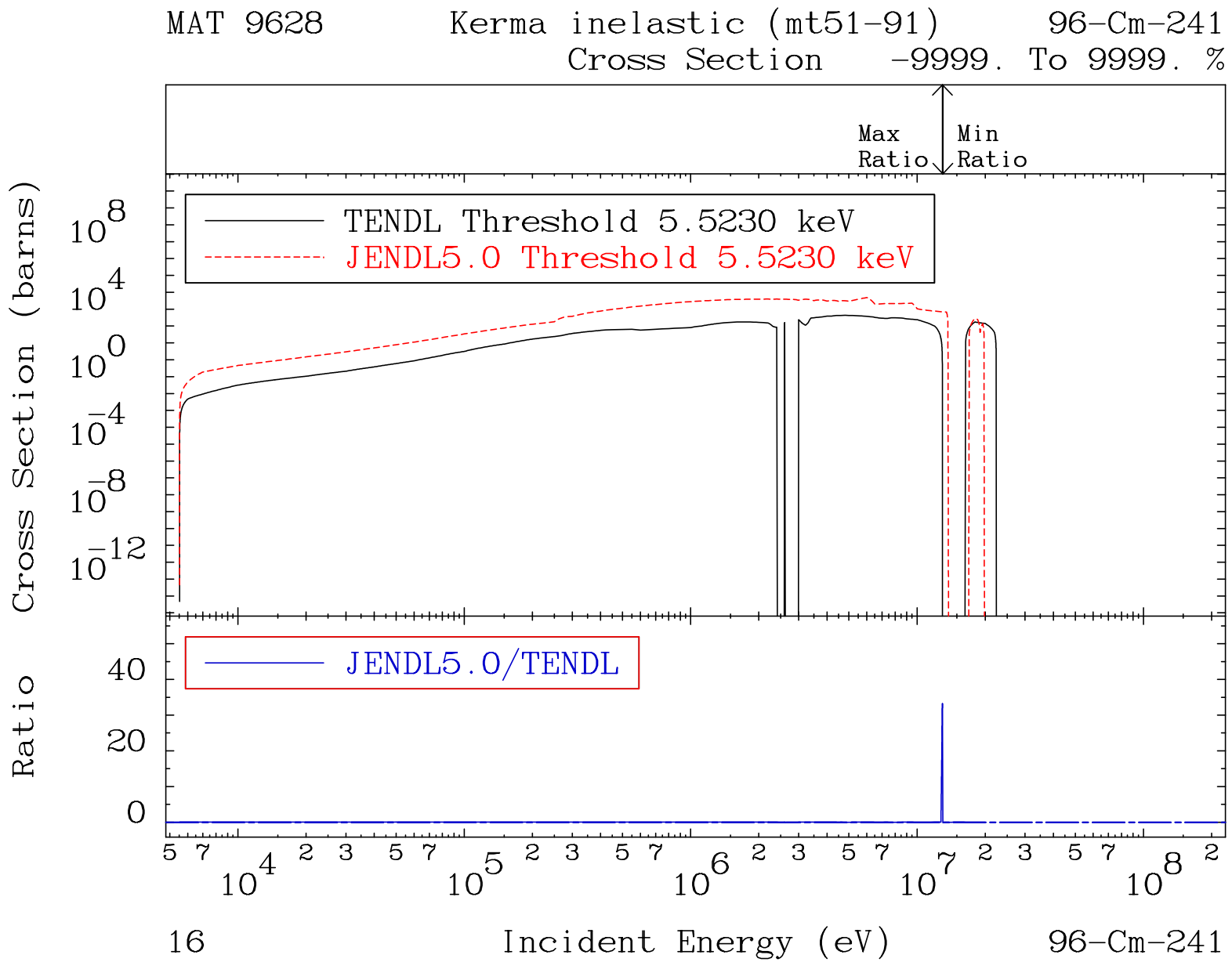

MAT 9628
(n,n') Continuum
Cross Section
96-Cm-241
273.6 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 268.92 keV
JENDL5.0 Threshold 110.92 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
1.6
1.2
0.8
0.4
0.0
10^4
10^2
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
11
Incident Energy (eV)
96-Cm-241

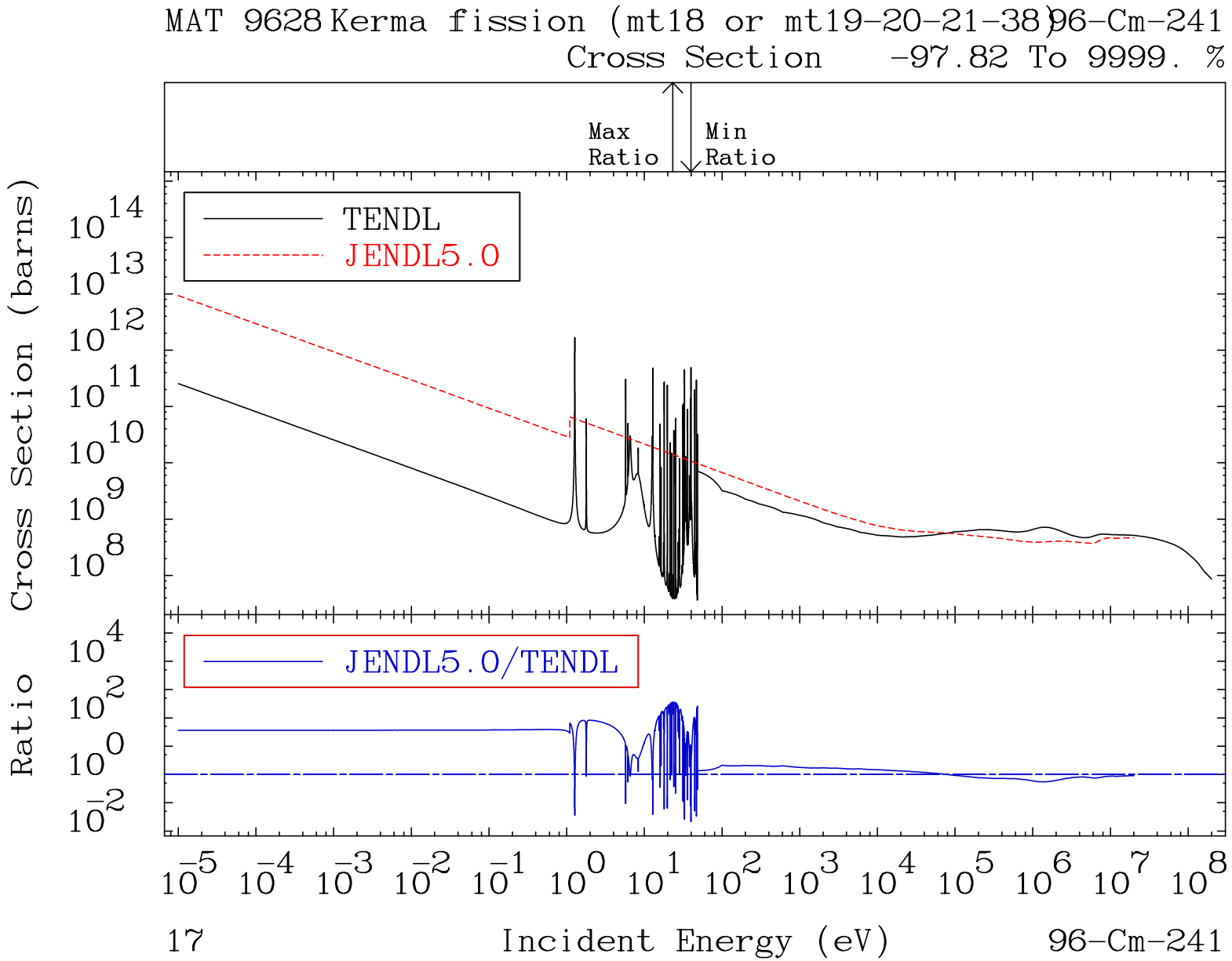

MAT 9628
(n,γ)
Cross Section
96-Cm-241
-99.97 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
12
96-Cm-241

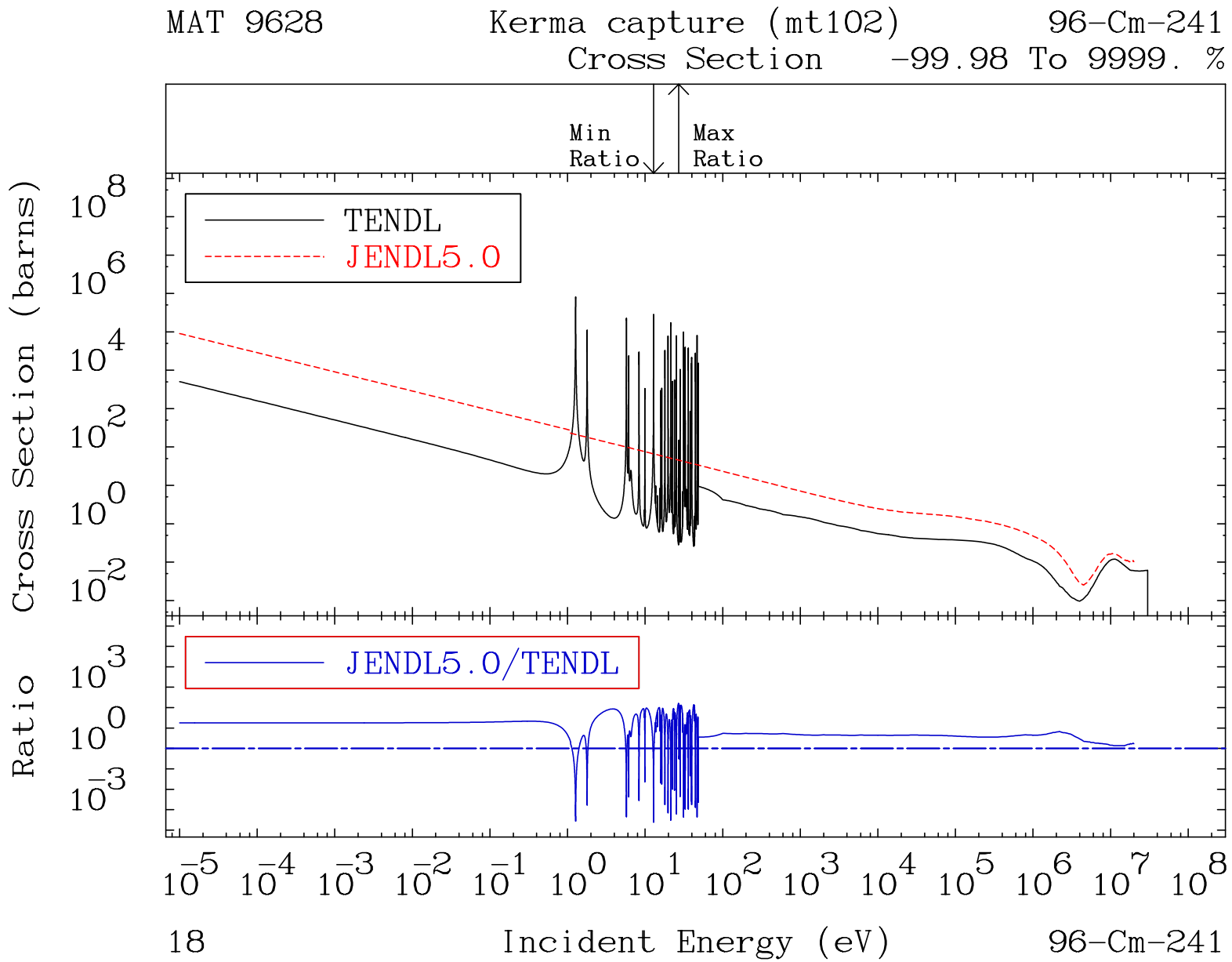

MAT 9628
Kerma total (eV-barns)
96-Cm-241
Cross Section -97.82 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
13
96-Cm-241

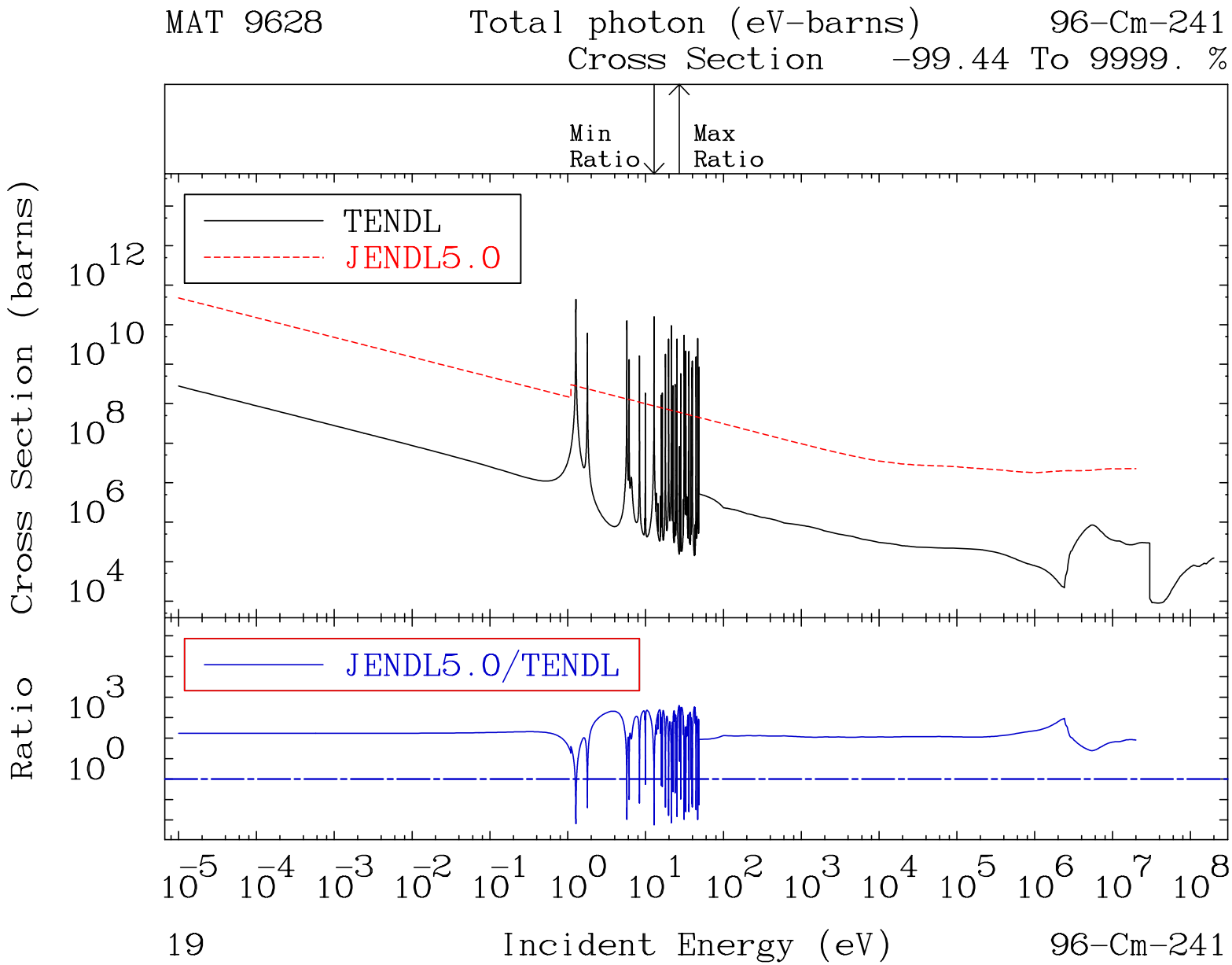

MAT 9628
Kerma elastic
Cross Section
96-Cm-241
-99.82 To 395.3 %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
14
96-Cm-241

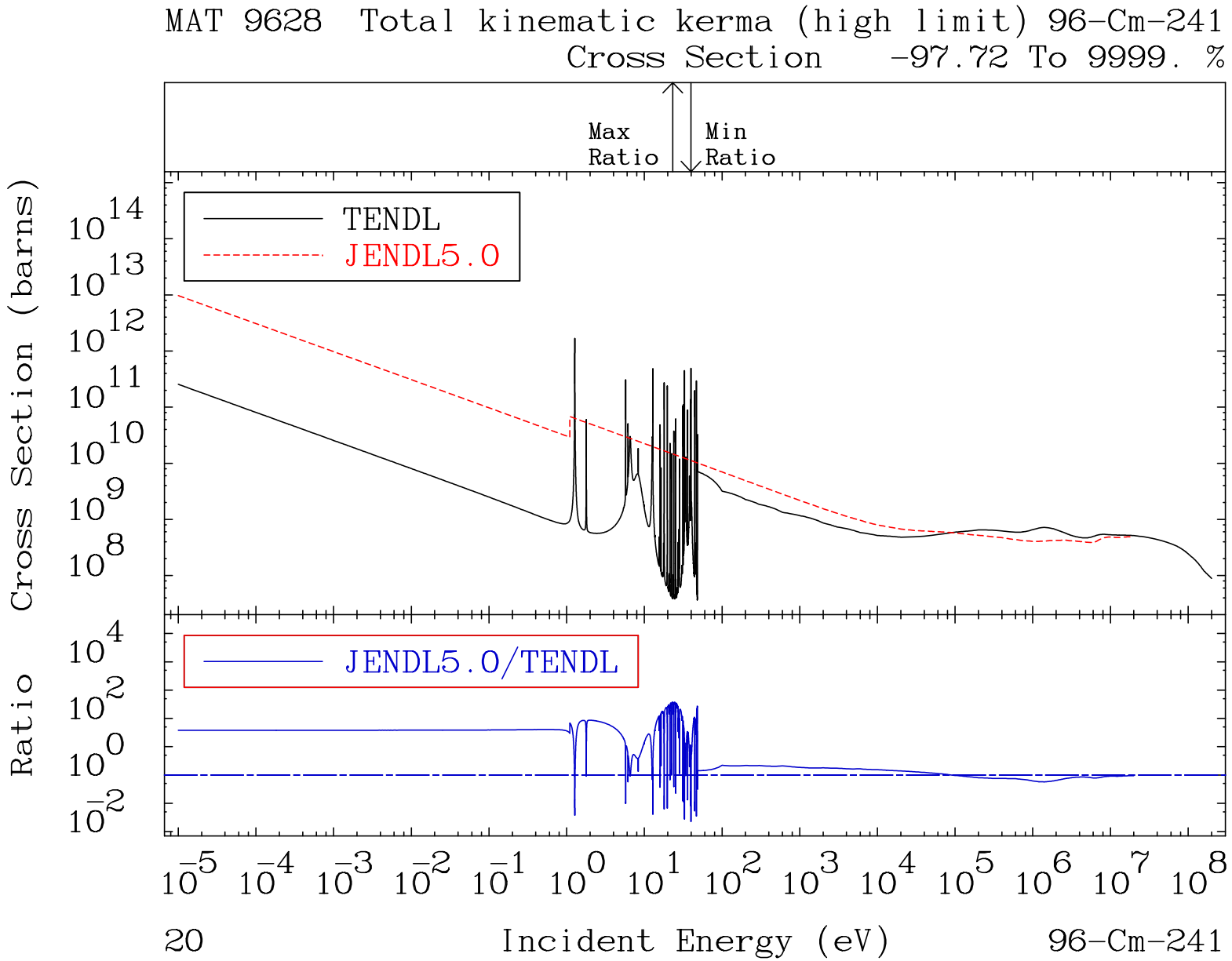

MAT 9628 Kerma non-elastic (all but mt2) 96-Cm-241
Cross Section -97.82 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
15
96-Cm-241

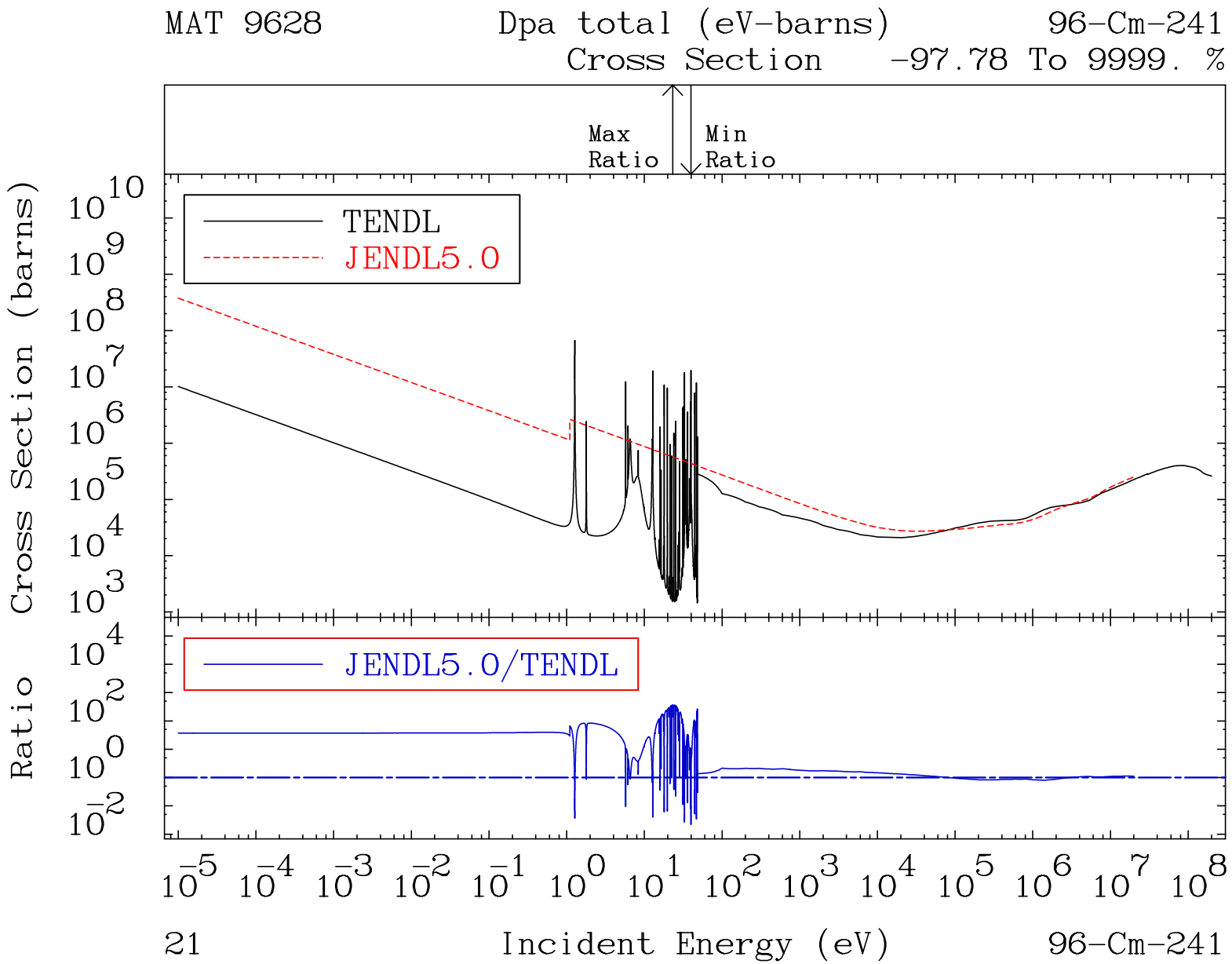

MAT 9628
Kerma inelastic (mt51-91)
96-Cm-241
Cross Section -9999. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.5230 keV
JENDL5.0 Threshold 5.5230 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
16
96-Cm-241

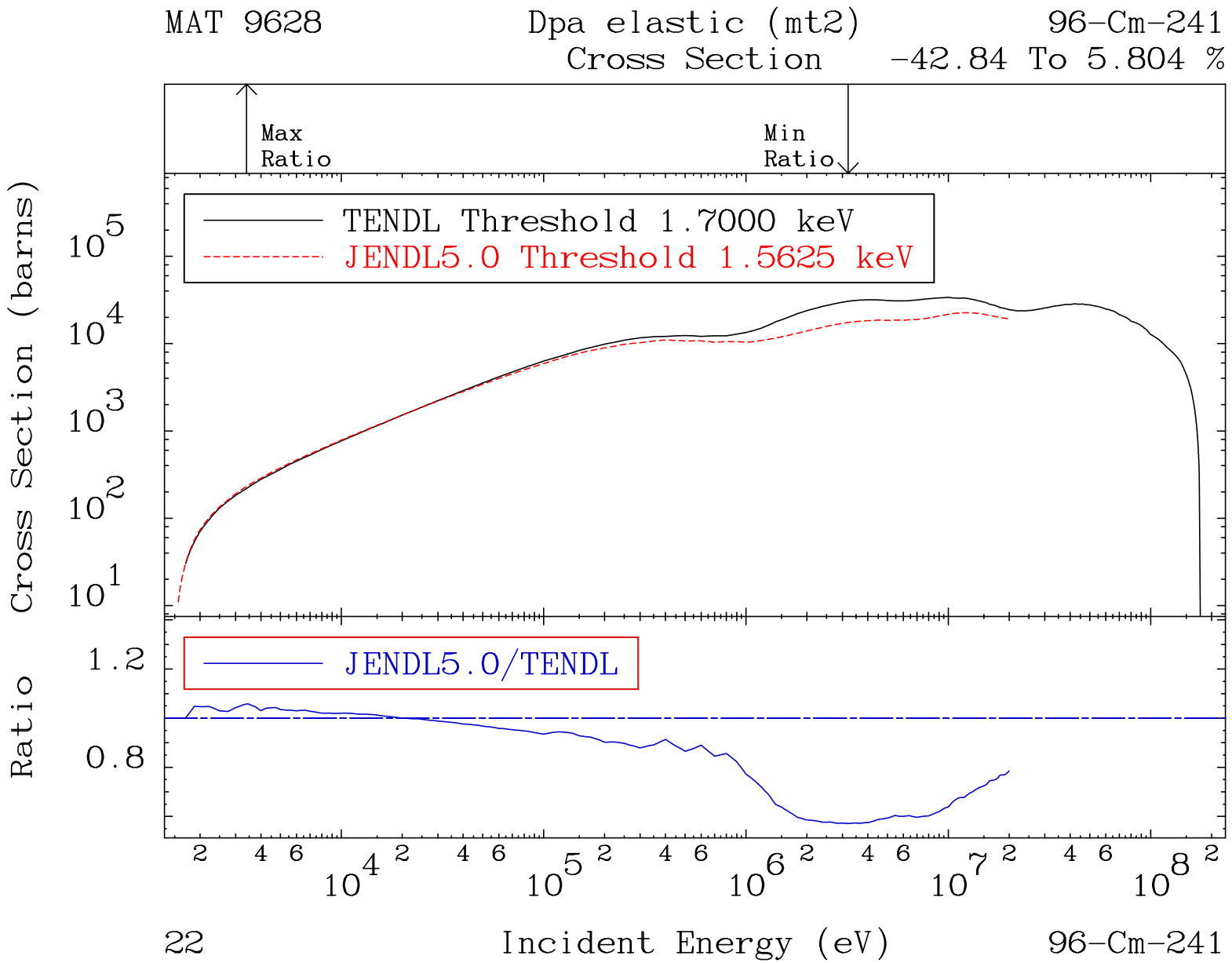

MAT 9628 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-241
Cross Section -97.82 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
17
96-Cm-241

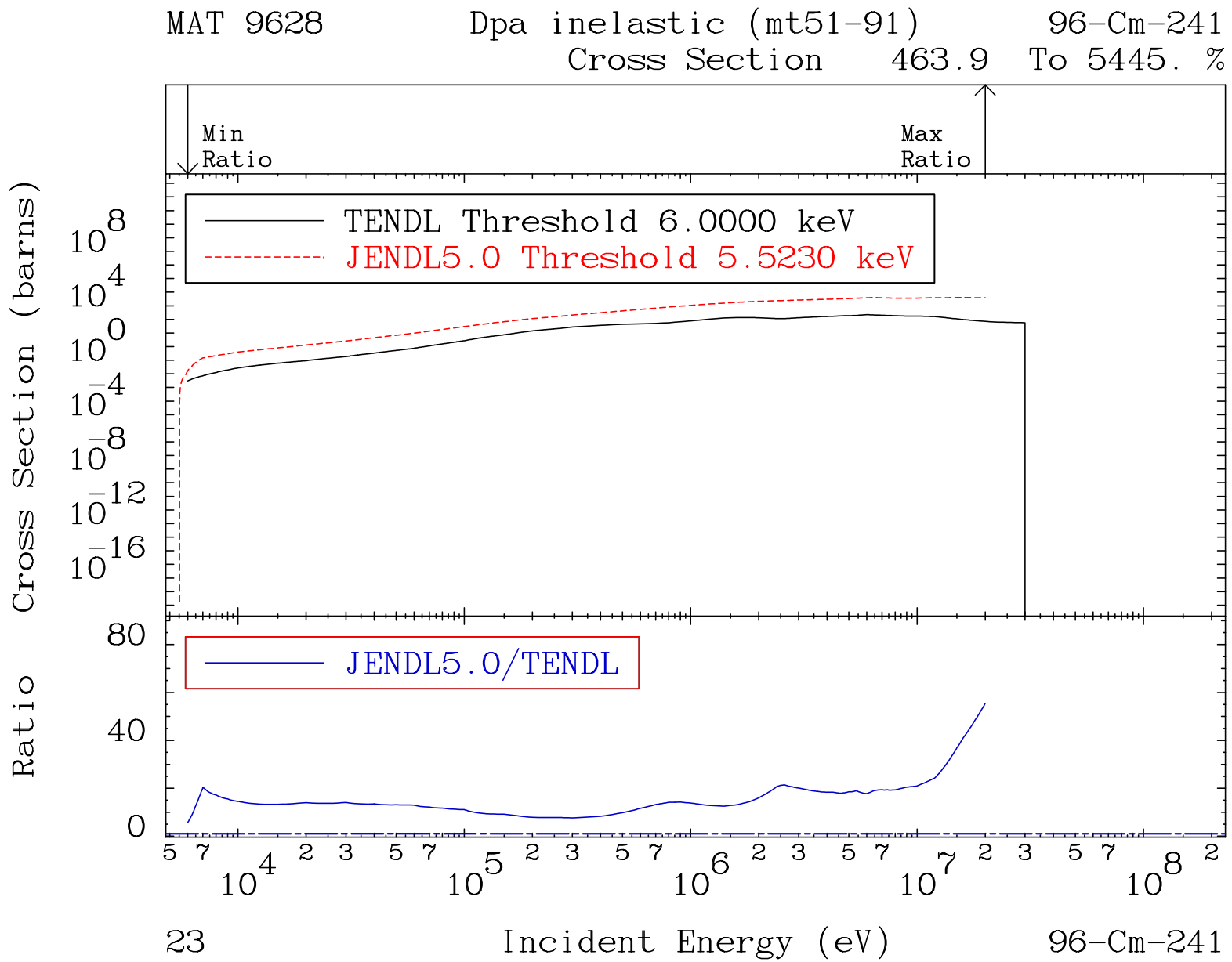

MAT 9628
Kerma capture (mt102)
96-Cm-241
Cross Section -99.98 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
18
96-Cm-241

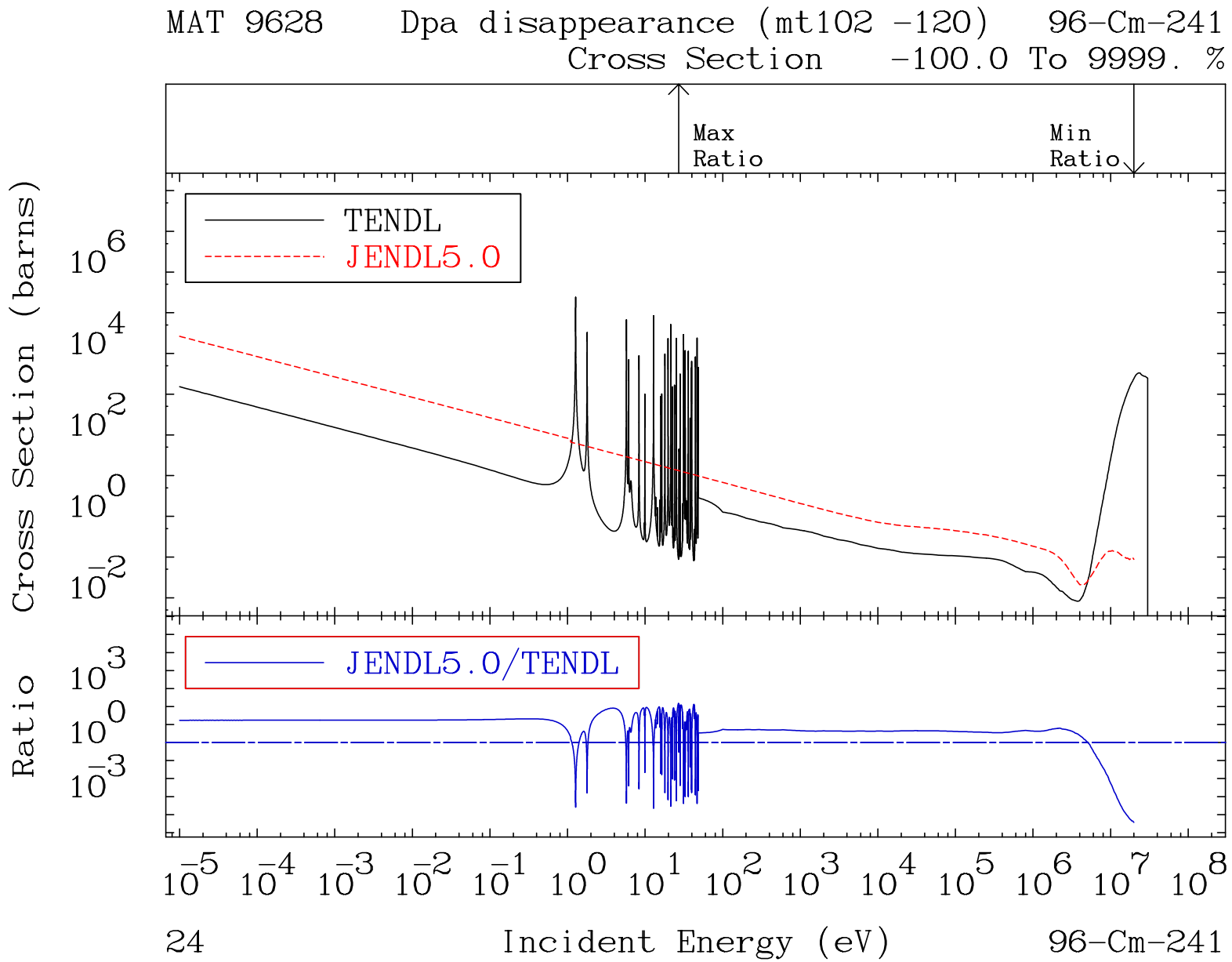

MAT 9628
Total photon (eV-barns)
96-Cm-241
Cross Section -99.44 To 9999. %
Min Ratio
Max Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
19
96-Cm-241

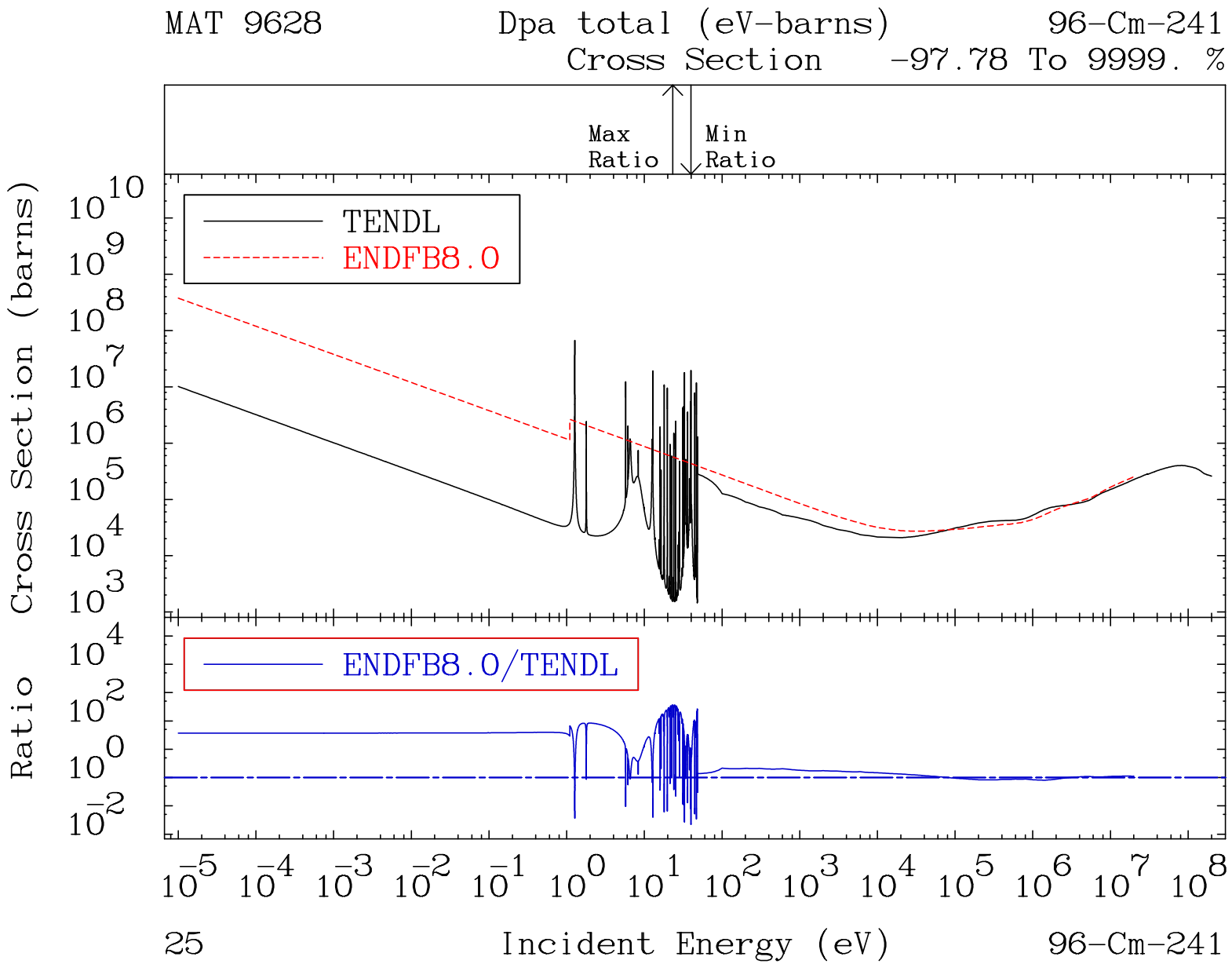

MAT 9628 Total kinematic kerma (high limit) 96-Cm-241
Cross Section -97.72 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
20
96-Cm-241

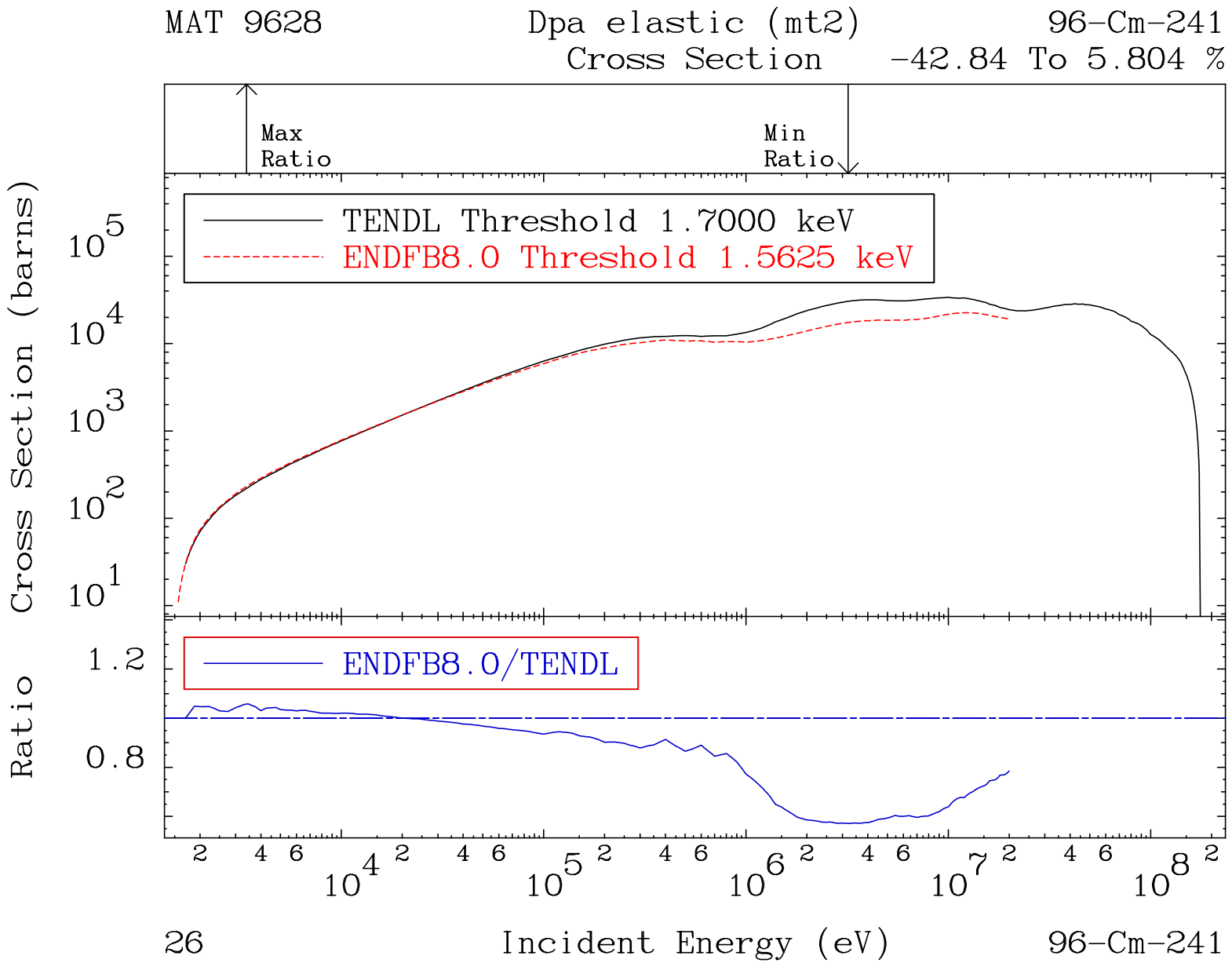

MAT 9628
Dpa total (eV-barns)
96-Cm-241
Cross Section
-97.78 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
21
96-Cm-241

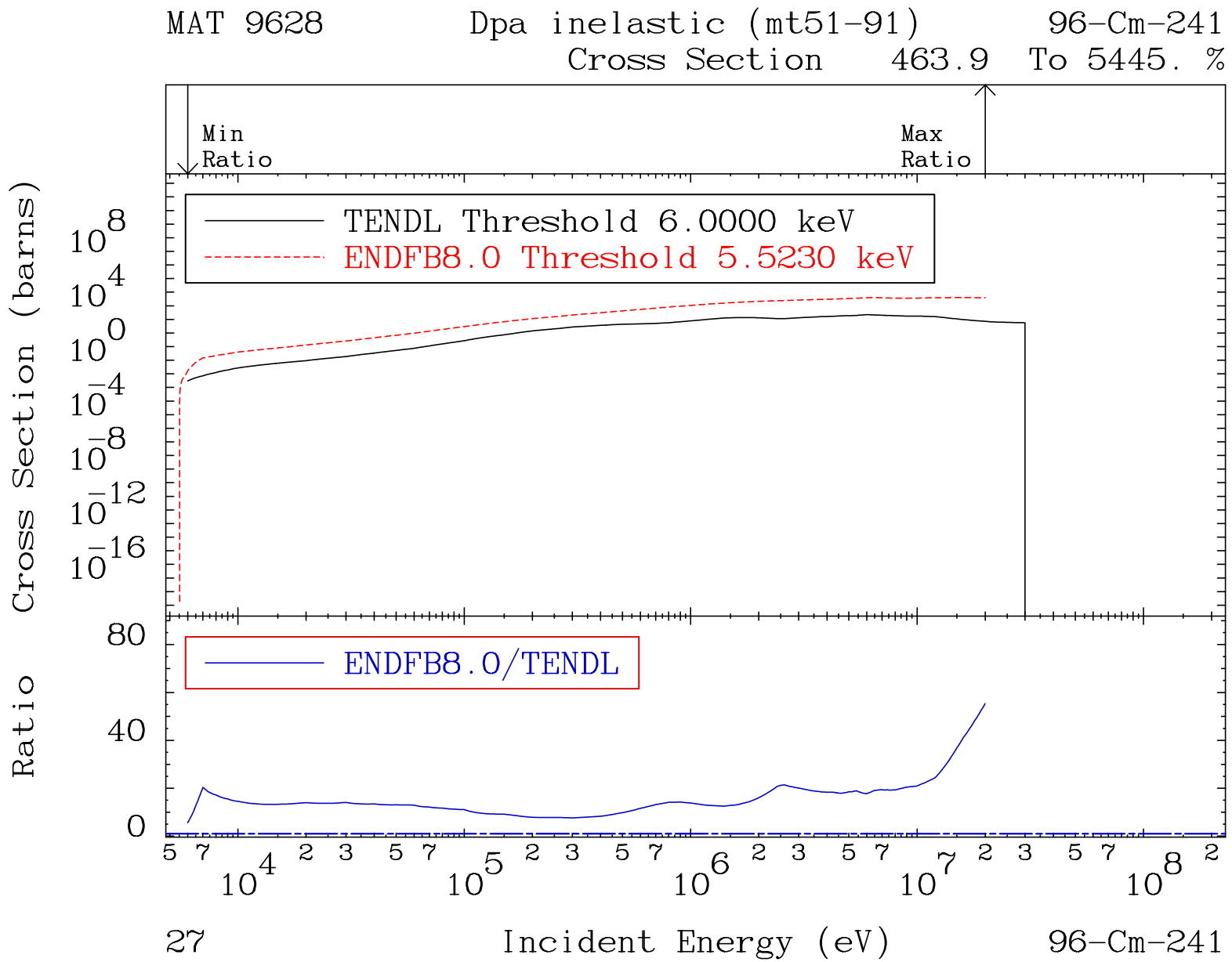

MAT 9628
Dpa elastic (mt2)
Cross Section
96-Cm-241
-42.84 To 5.804 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.7000 keV
JENDL5.0 Threshold 1.5625 keV
Cross Section (barns)
JENDL5.0/TENDL
Ratio
Incident Energy (eV)
22
96-Cm-241

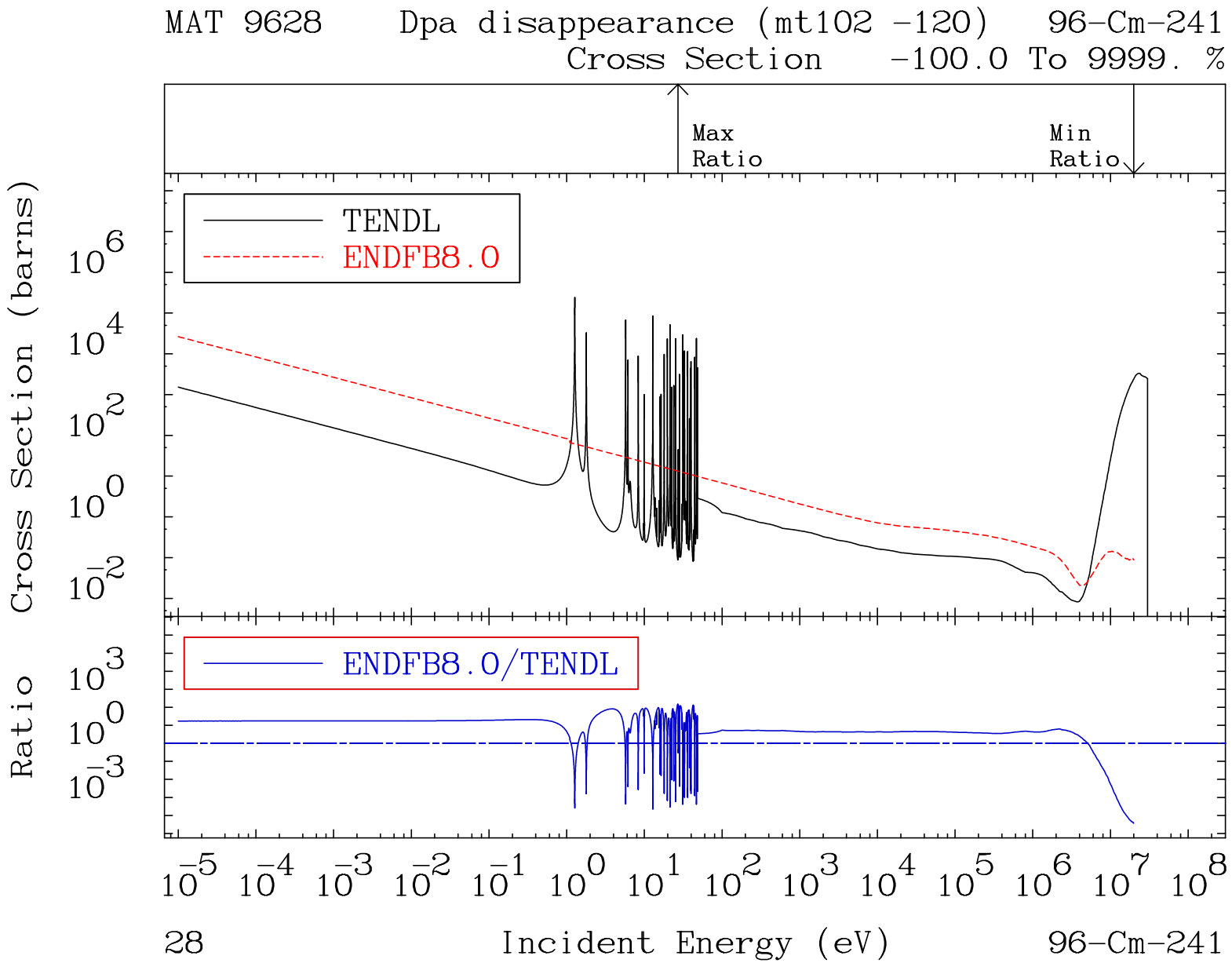

MAT 9628
Dpa inelastic (mt51-91)
96-Cm-241
Cross Section 463.9 To 5445. %
Min Ratio
Max Ratio
TENDL Threshold 6.0000 keV
JENDL5.0 Threshold 5.5230 keV
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
23
96-Cm-241


MAT 9628 Dpa disappearance (mt102 -120) 96-Cm-241
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JENDL5.0
JENDL5.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
24
96-Cm-241


MAT 9628
Dpa total (eV-barns)
96-Cm-241
Cross Section
-97.78 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
25
96-Cm-241


MAT 9628
Dpa elastic (mt2)
Cross Section
96-Cm-241
-42.84 To 5.804 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.7000 keV
ENDFB8.0 Threshold 1.5625 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
26
96-Cm-241


MAT 9628
Dpa inelastic (mt51-91)
96-Cm-241
Cross Section 463.9 To 5445. %
Min Ratio
Max Ratio
TENDL Threshold 6.0000 keV
ENDFB8.0 Threshold 5.5230 keV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
27
96-Cm-241


MAT 9628 Dpa disappearance (mt102 -120) 96-Cm-241
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
28
96-Cm-241