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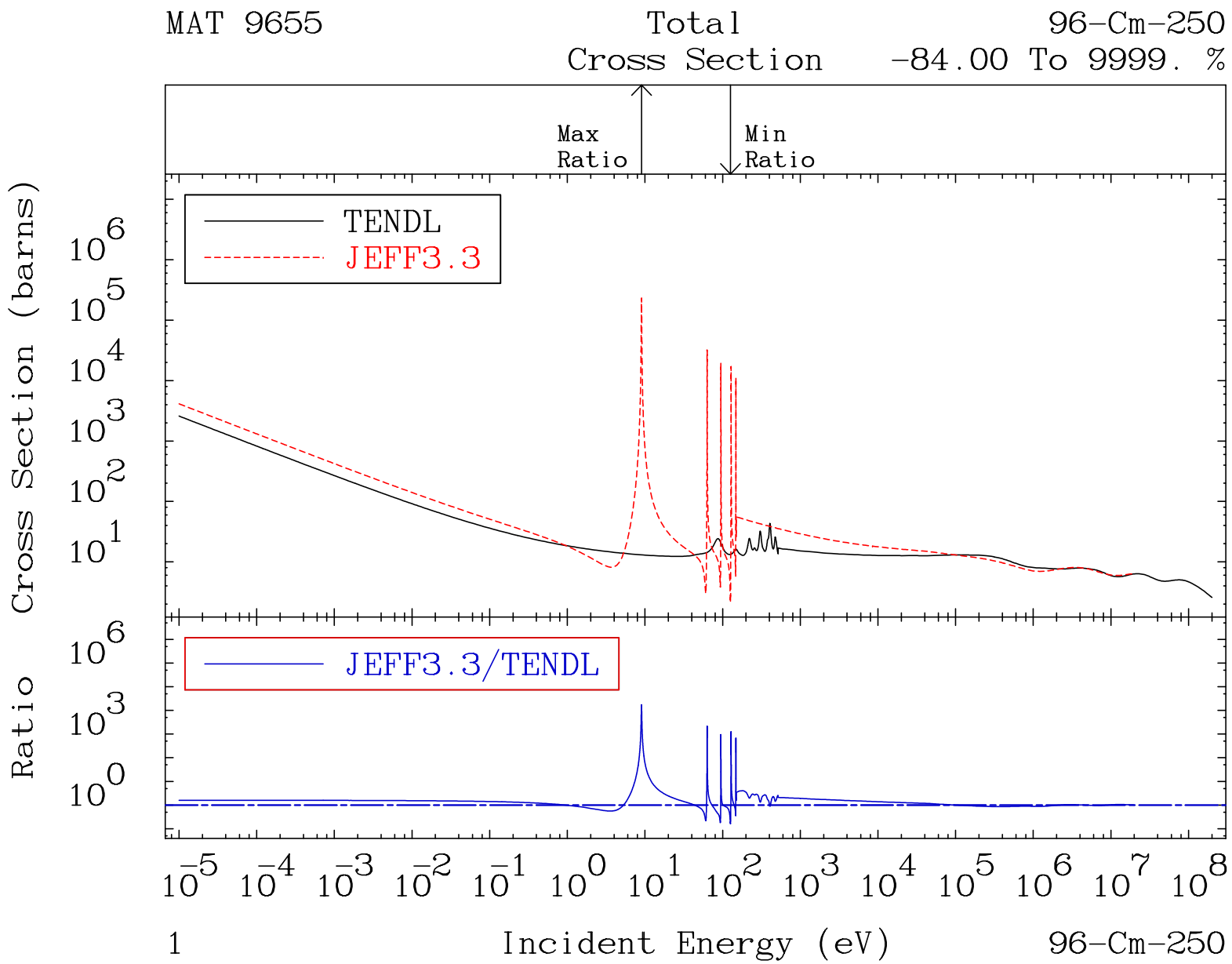
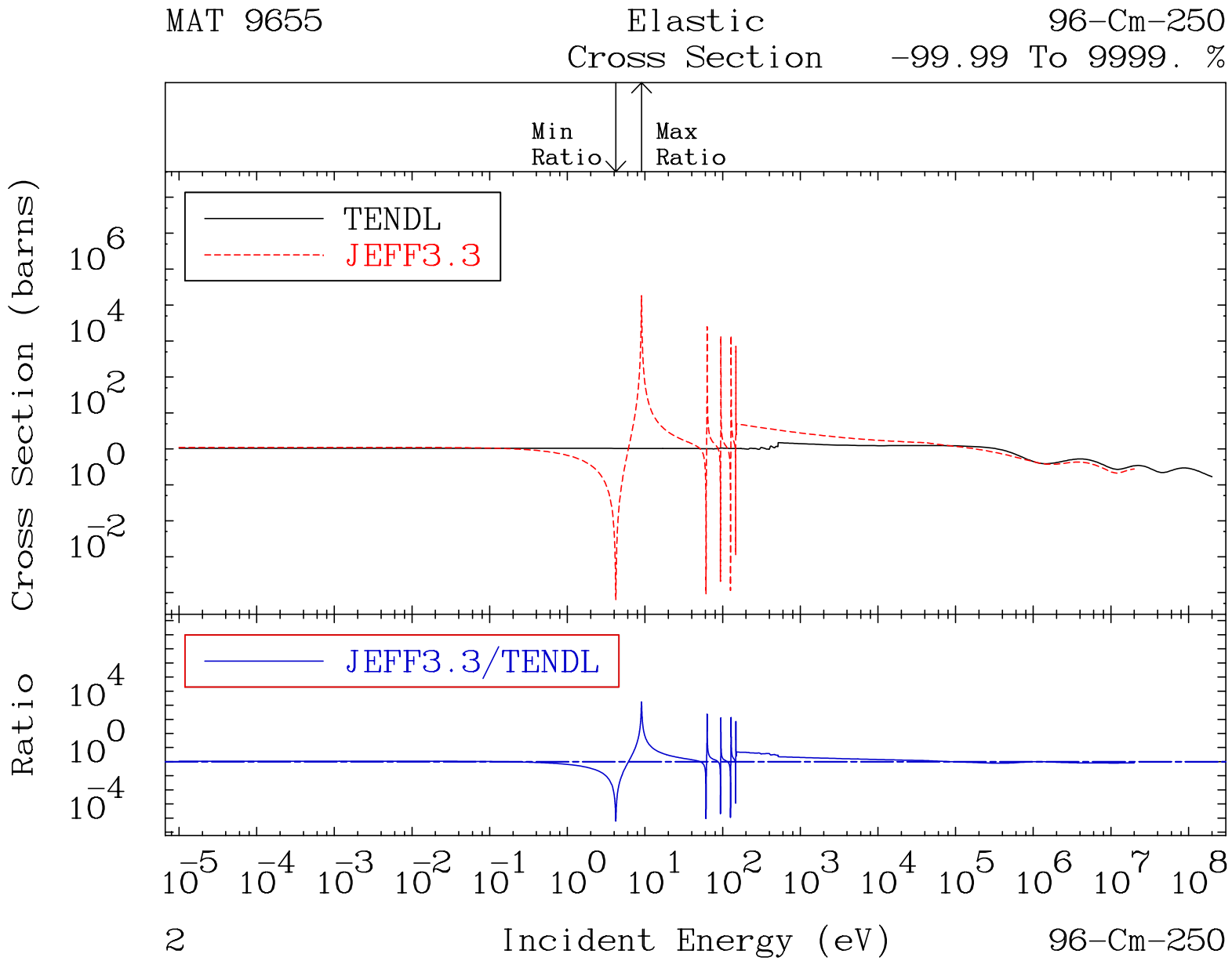
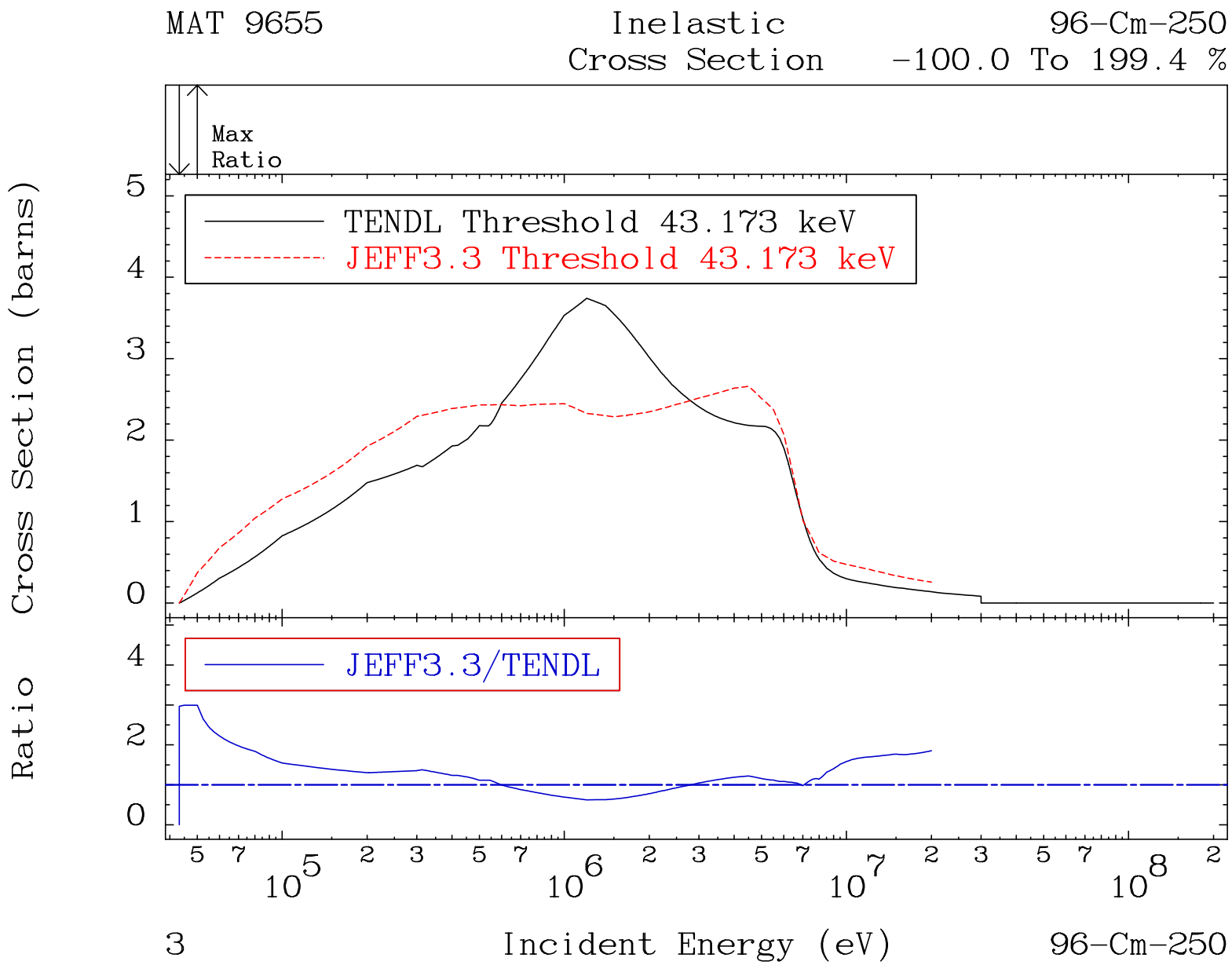
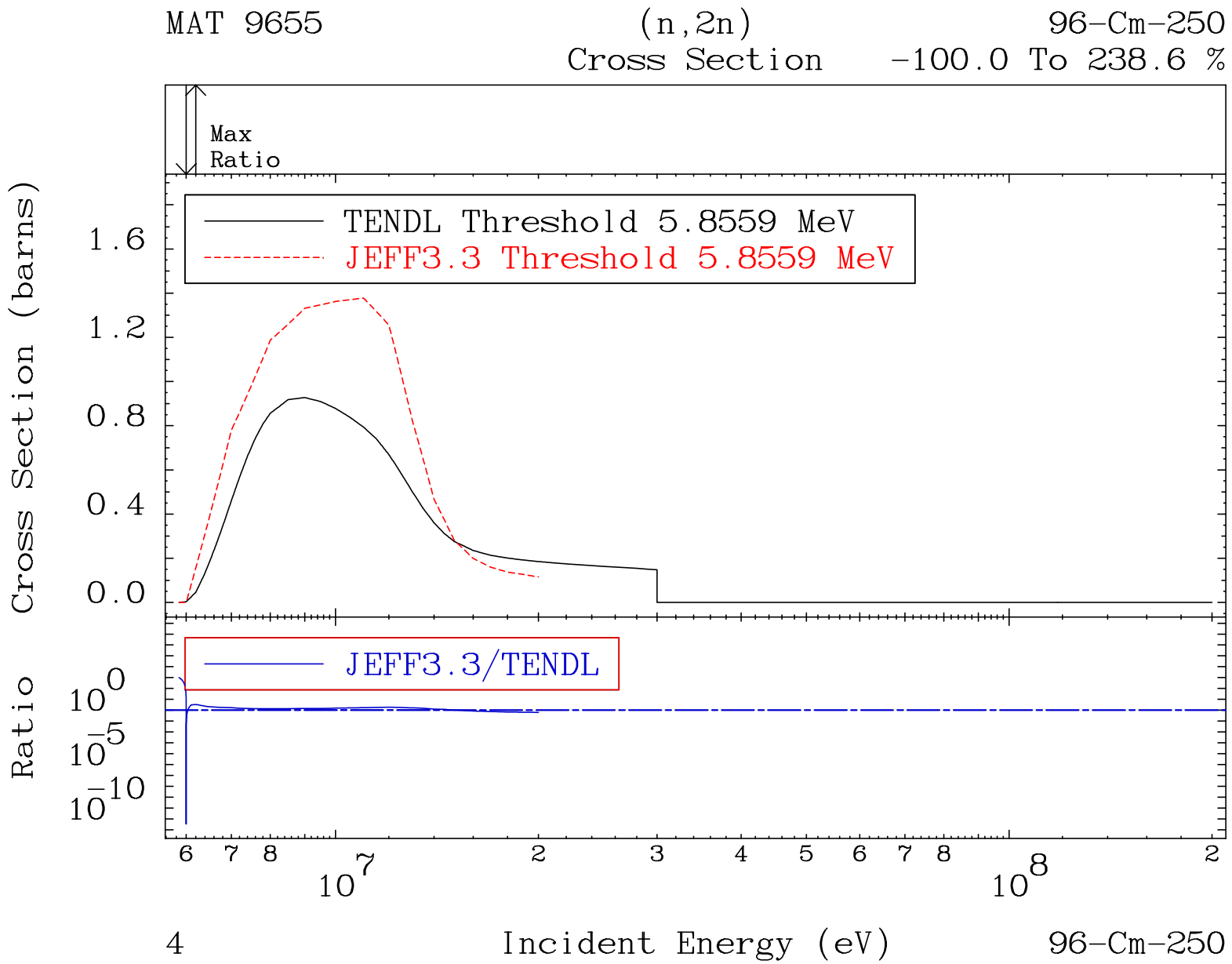
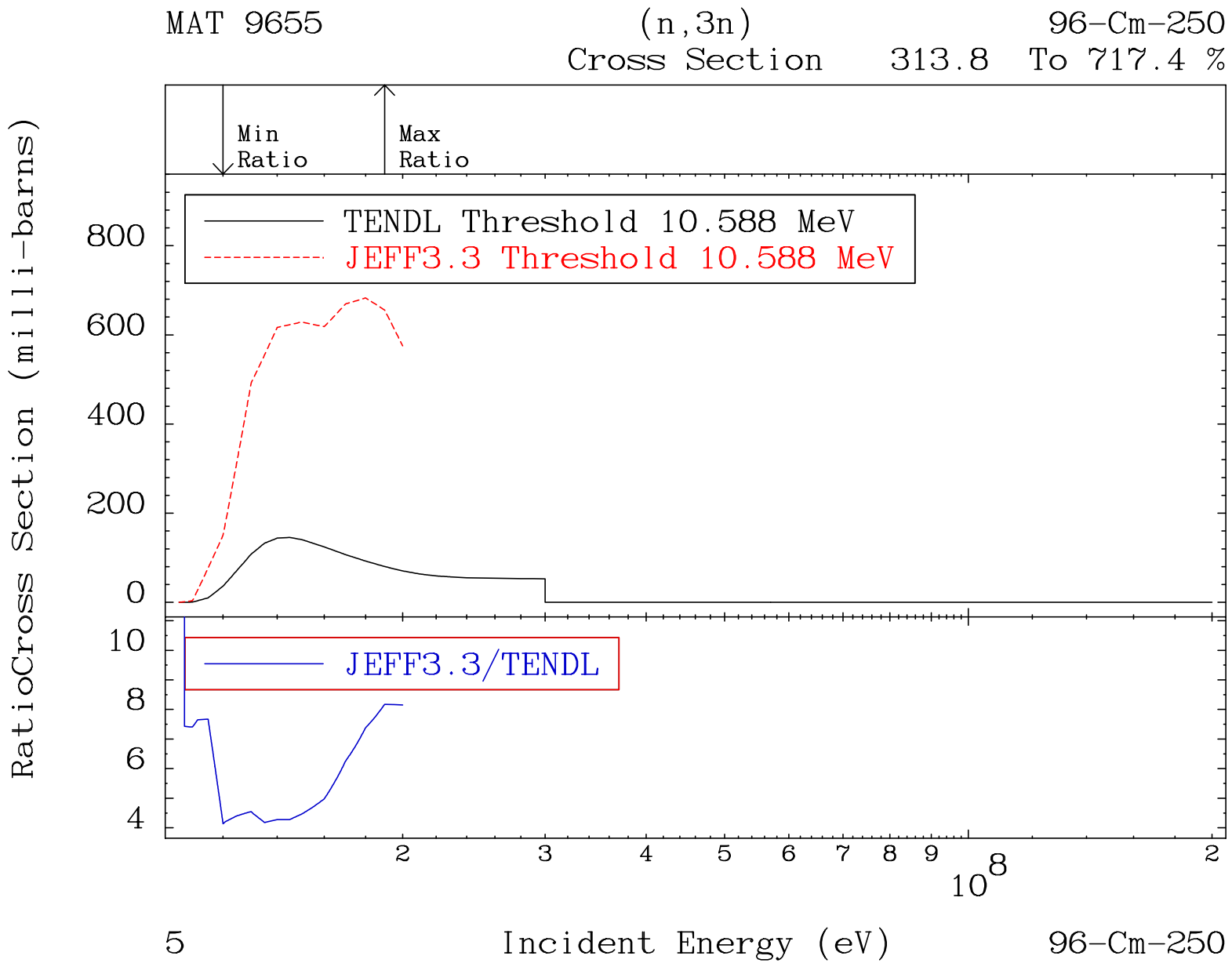
Press Mouse Button to Start

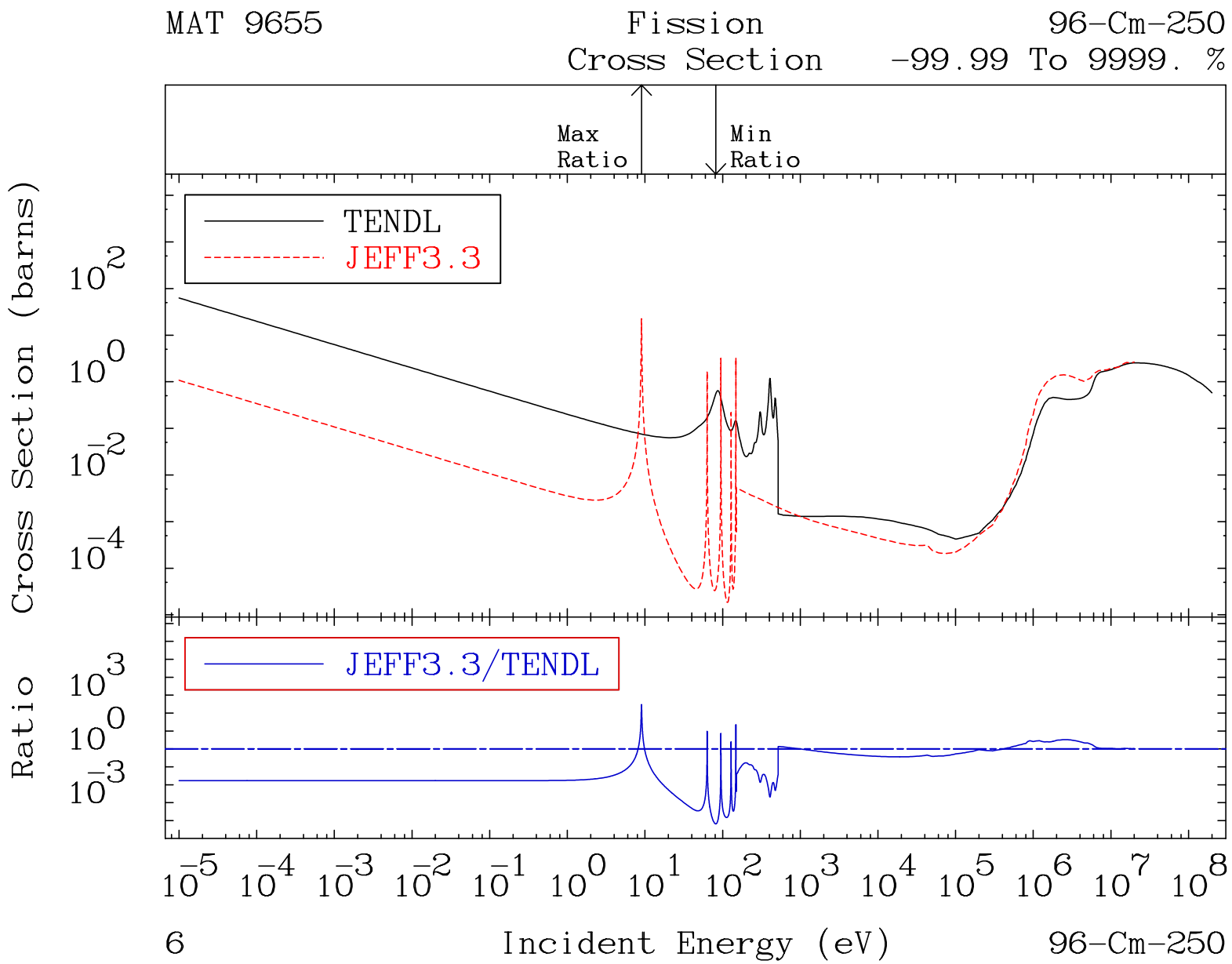

MAT 9655
Total
Cross Section
96-Cm-250
-84.00 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
1
96-Cm-250

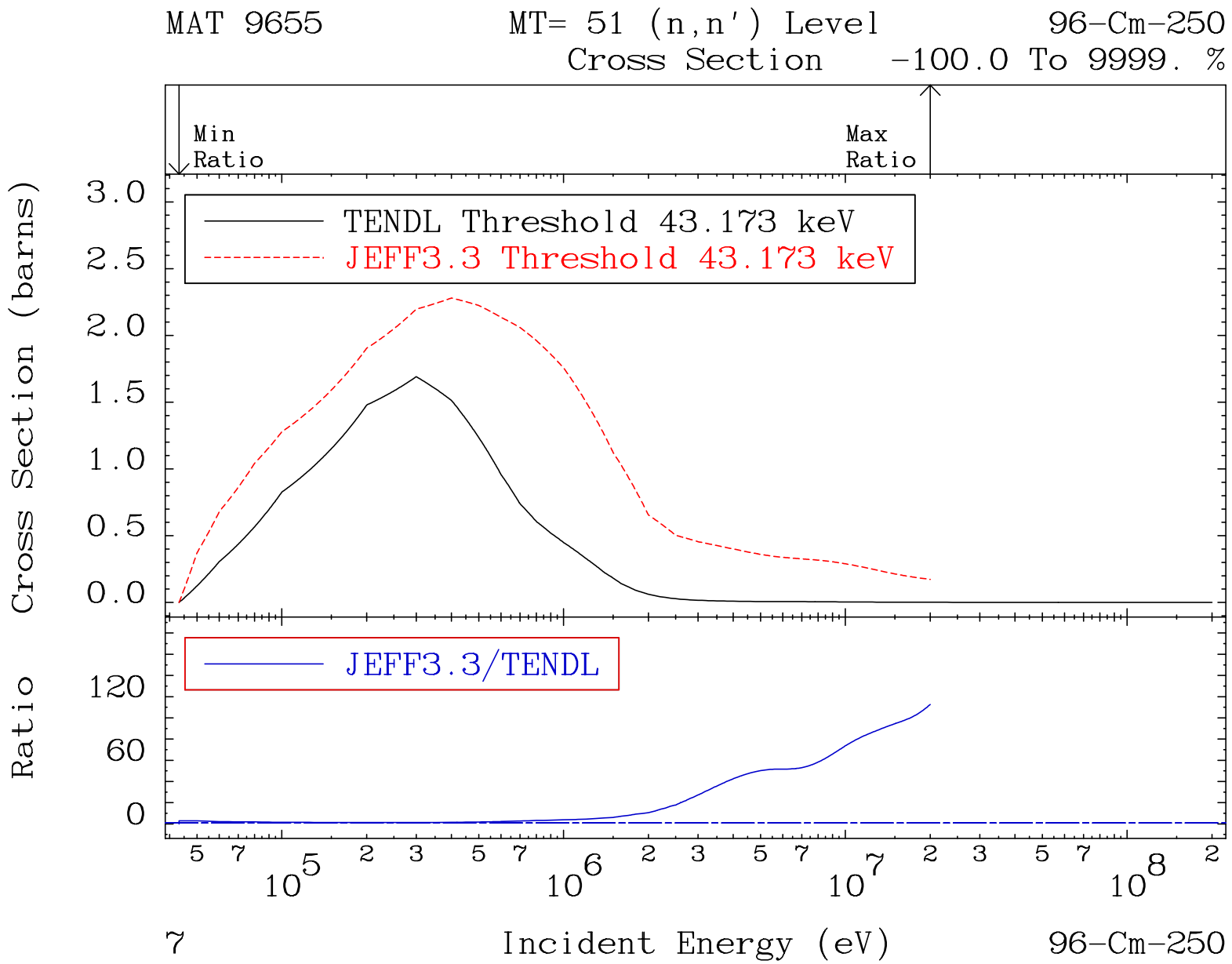

MAT 9655
Elastic
Cross Section
96-Cm-250
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
96-Cm-250

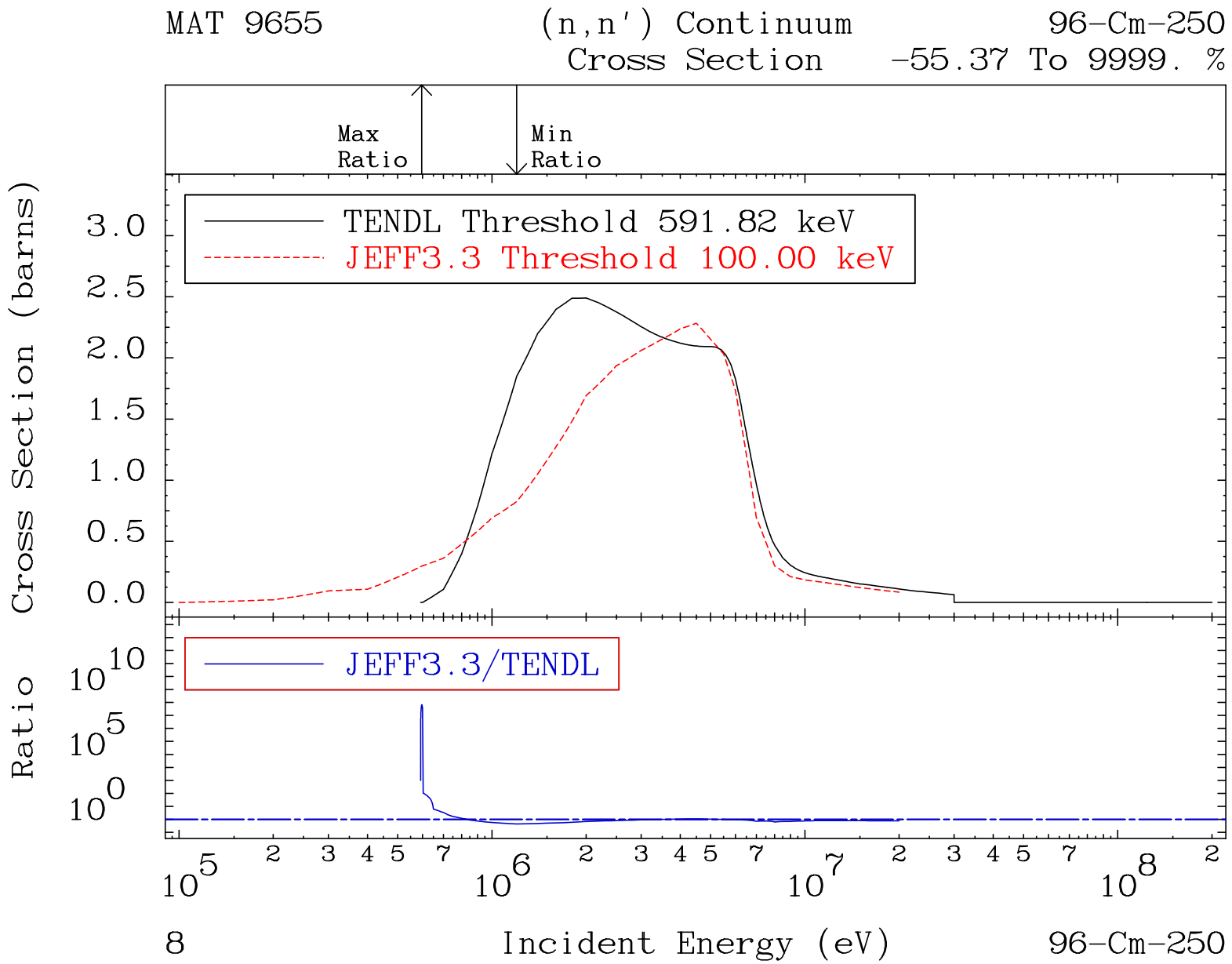

MAT 9655
Inelastic
Cross Section
96-Cm-250
-100.0 To 199.4 %
Max
Ratio
TENDL Threshold 43.173 keV
JEFF3.3 Threshold 43.173 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
3
96-Cm-250

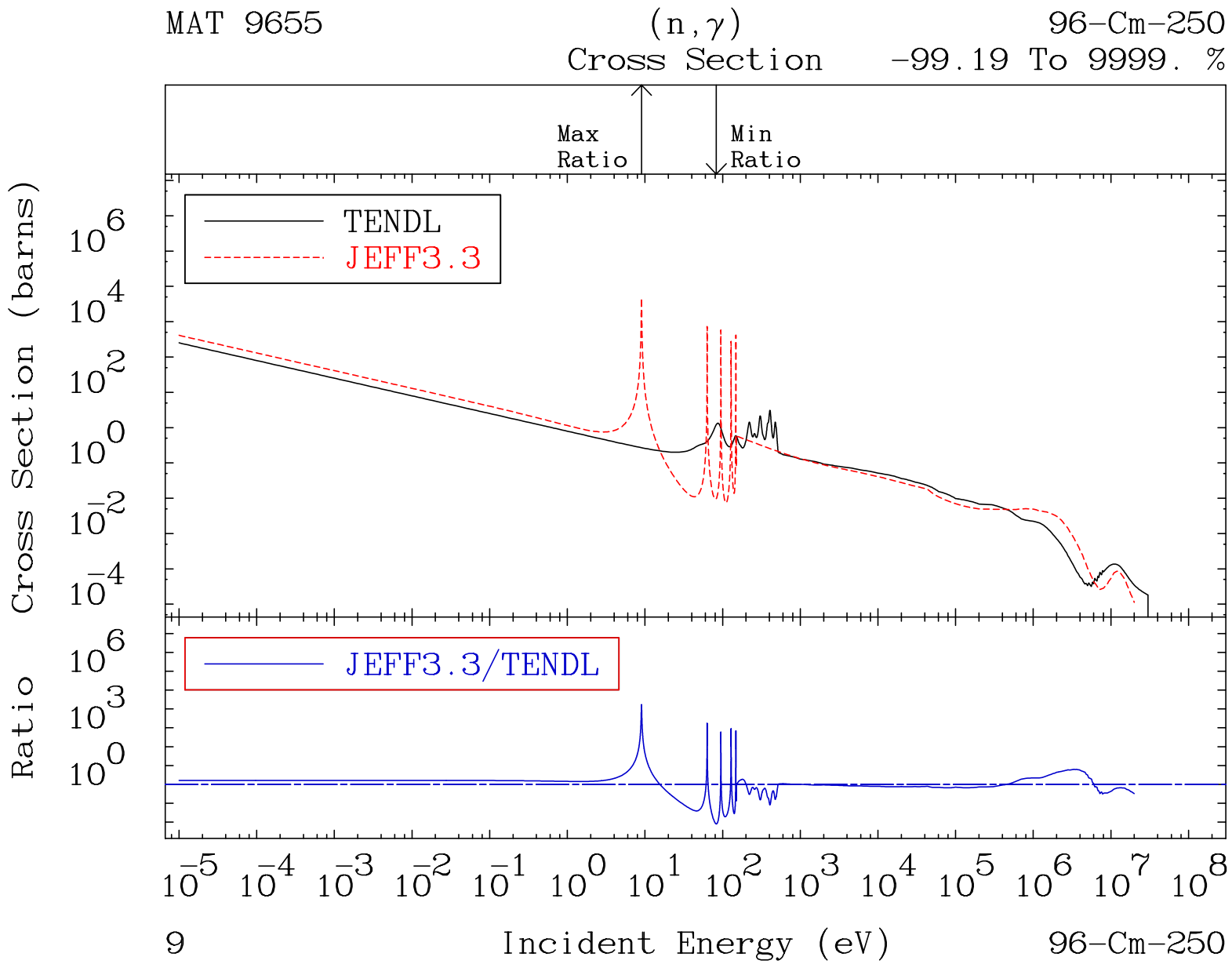

MAT 9655
(n,2n)
Cross Section
96-Cm-250
-100.0 To 238.6 %
Max
Ratio
TENDL Threshold 5.8559 MeV
JEFF3.3 Threshold 5.8559 MeV
Cross Section (barns)
1.6
1.2
0.8
0.4
0.0
JEFF3.3/TENDL
Ratio
10^0
10^-5
10^-10
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
4
Incident Energy (eV)
96-Cm-250

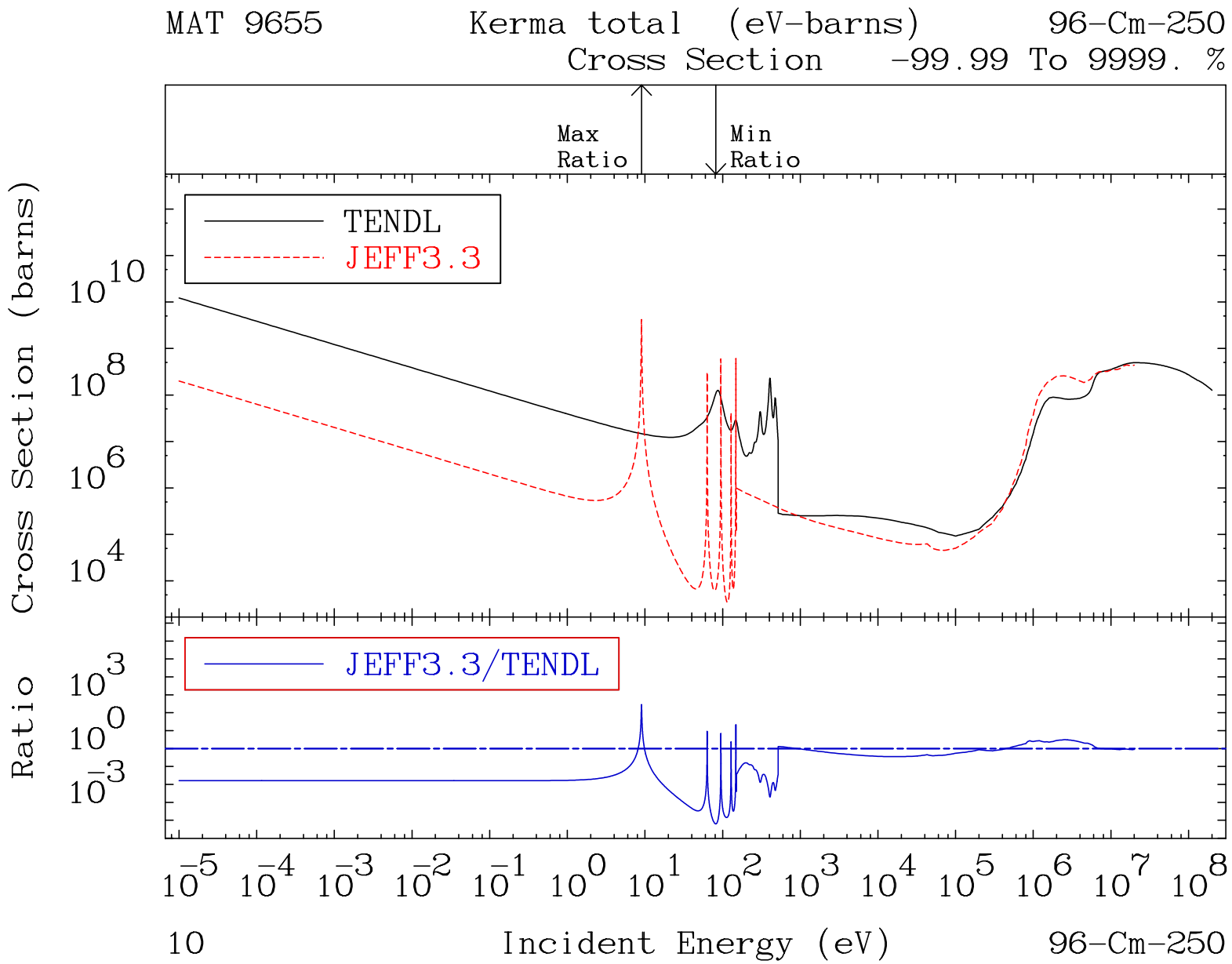

MAT 9655
(n,3n)
96-Cm-250
Cross Section 313.8 To 717.4 %
Min Ratio
Max Ratio
TENDL Threshold 10.588 MeV
JEFF3.3 Threshold 10.588 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
800
600
400
200
0
10
8
6
4
2
3
4
5
6
7
8
9
2
10^8
5
Incident Energy (eV)
96-Cm-250

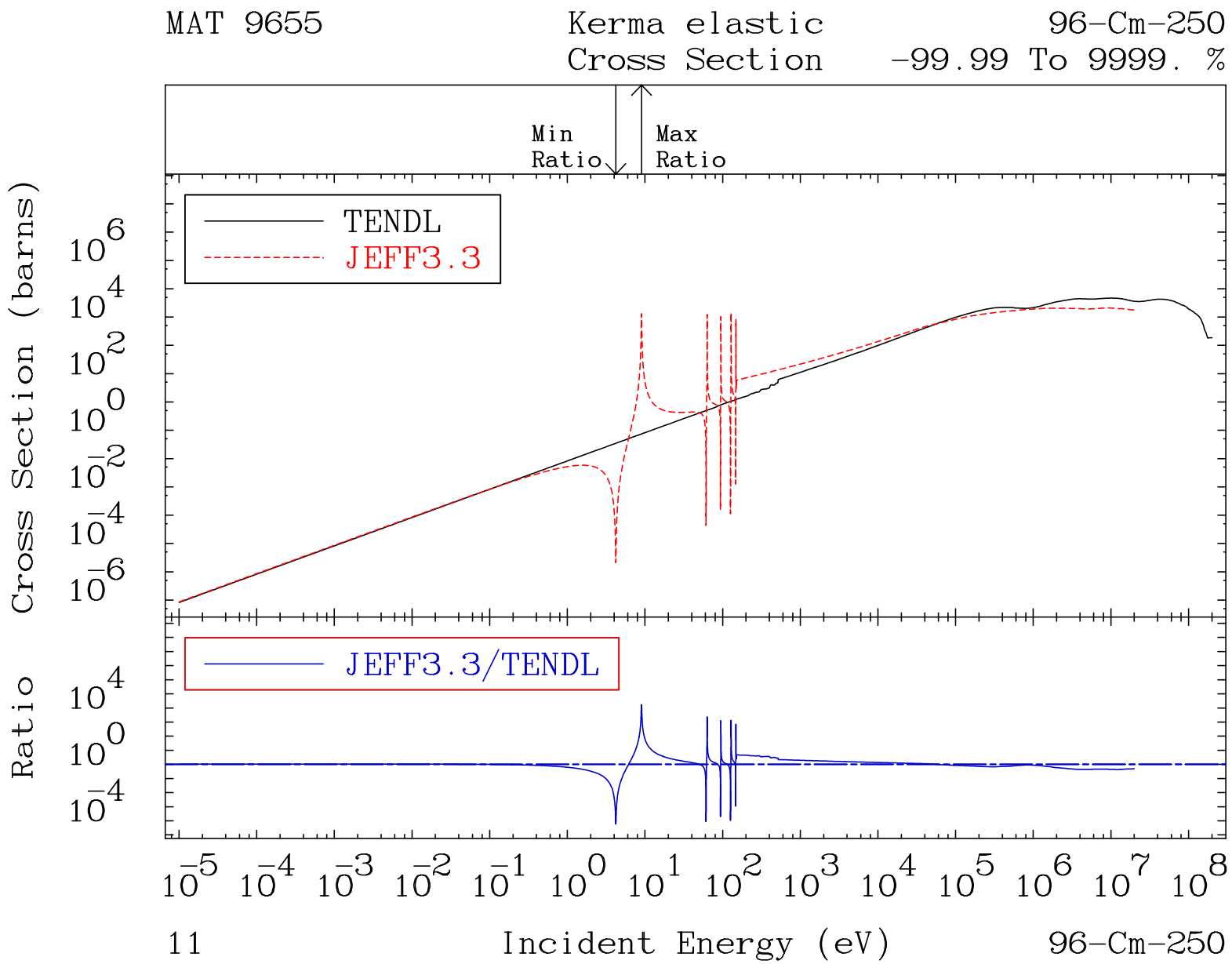

MAT 9655
Fission
Cross Section
96-Cm-250
-99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
6
96-Cm-250

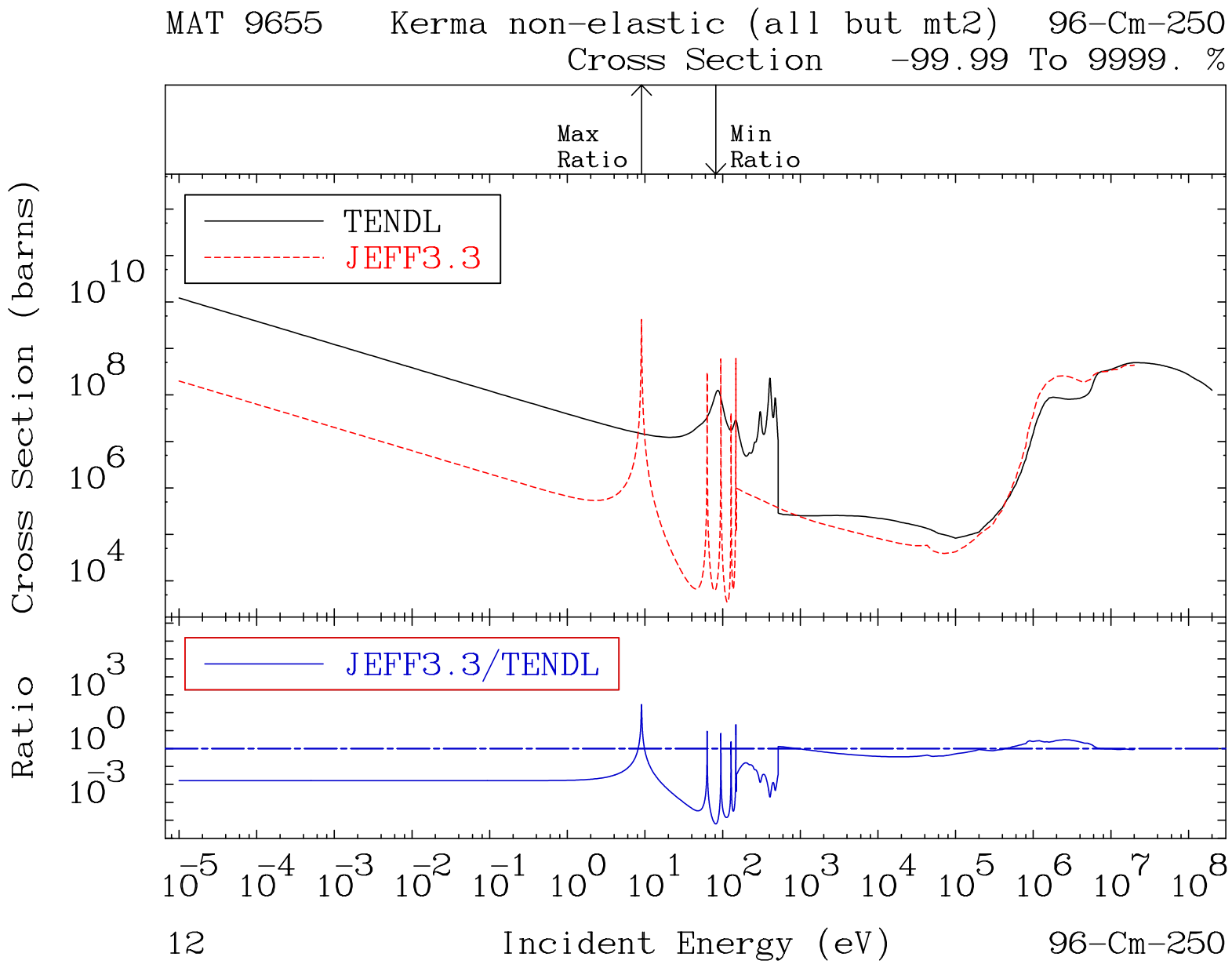

MAT 9655
MT= 51 (n,n') Level
96-Cm-250
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 43.173 keV
JEFF3.3 Threshold 43.173 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
96-Cm-250

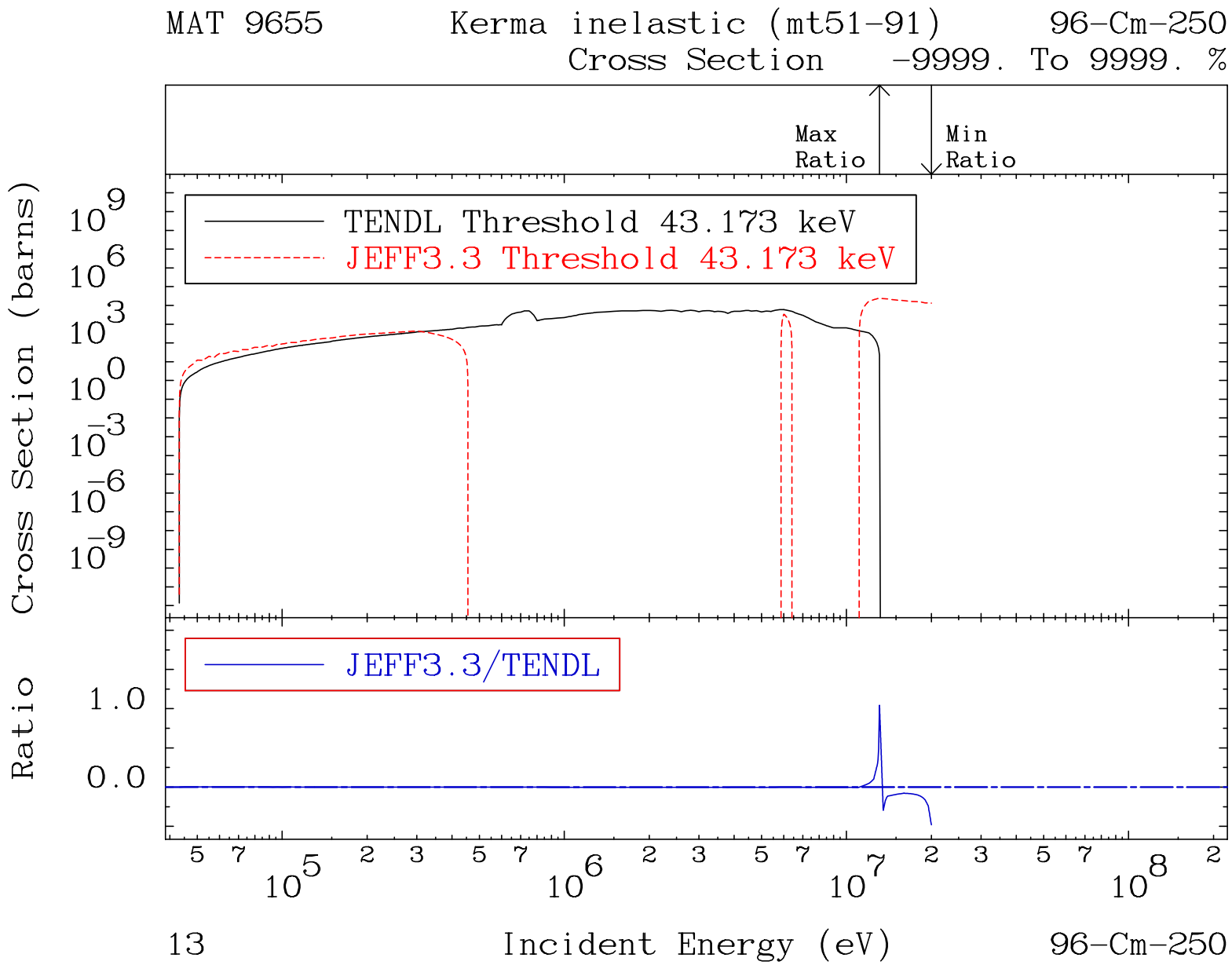

MAT 9655
(n,n') Continuum
Cross Section
96-Cm-250
-55.37 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 591.82 keV
JEFF3.3 Threshold 100.00 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^{10}
10^{5}
10^{0}
10^{5}
10^{6}
10^{7}
10^{8}
Incident Energy (eV)
8
96-Cm-250

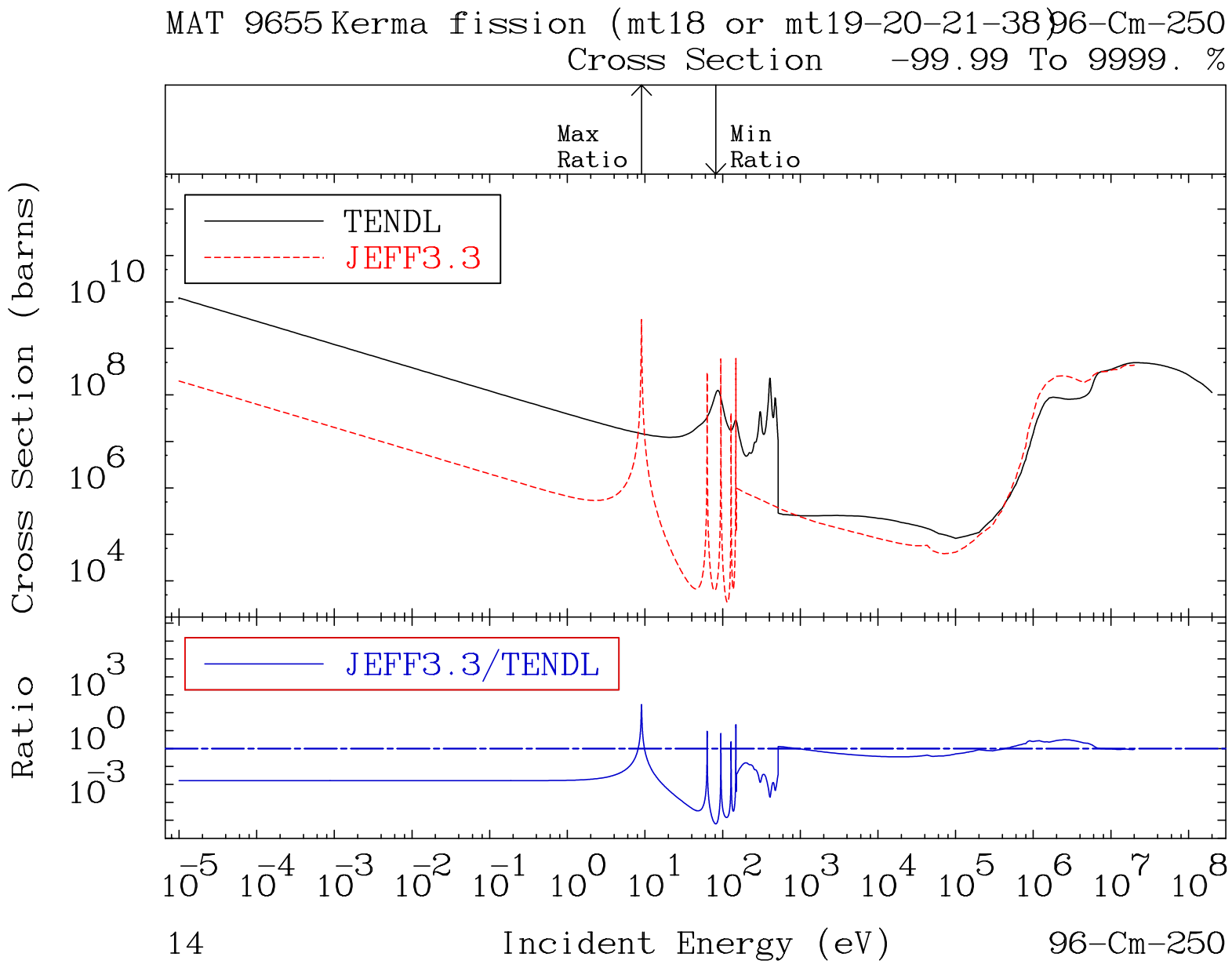

MAT 9655
(n,γ)
96-Cm-250
Cross Section
-99.19 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
9
96-Cm-250

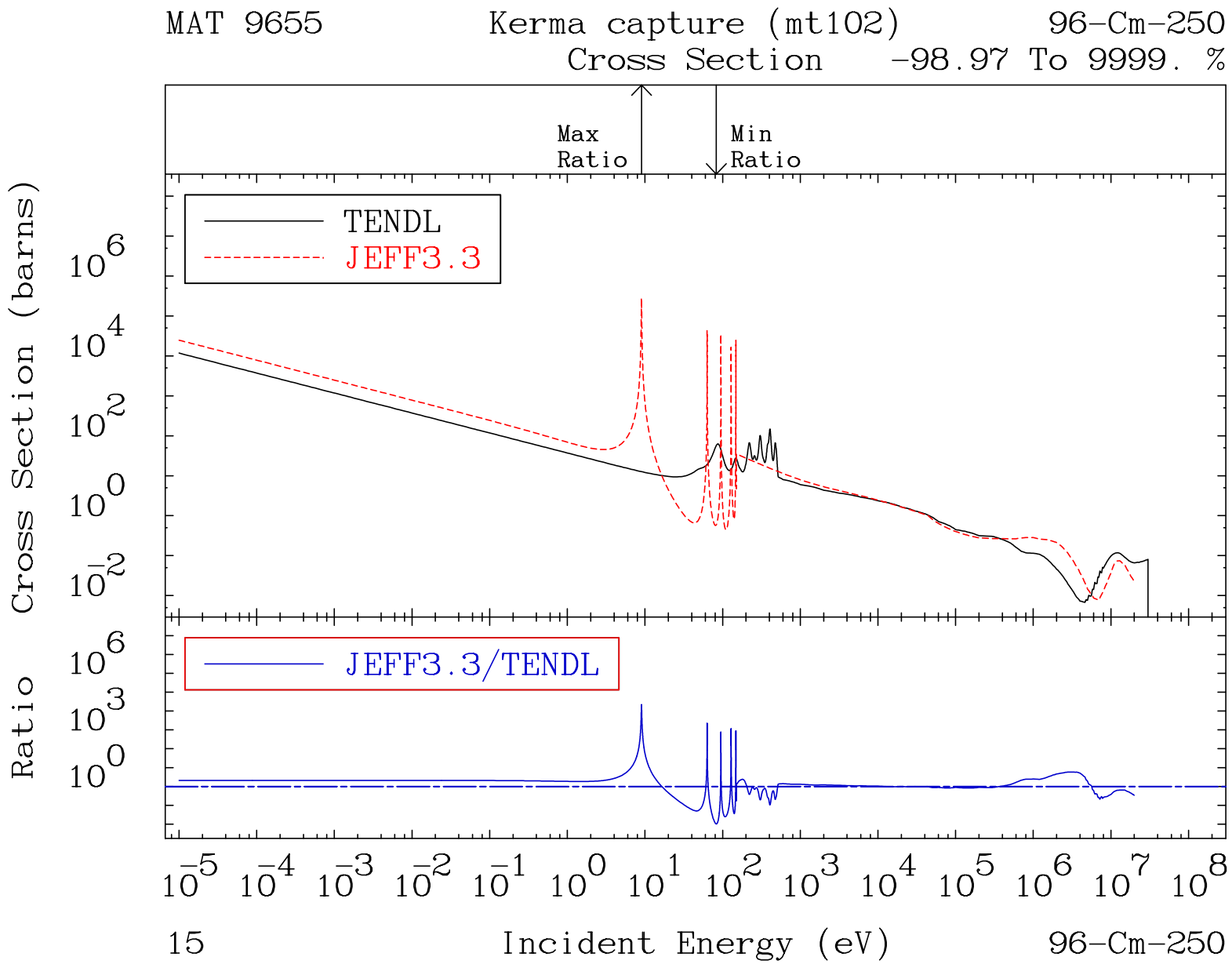

MAT 9655
Kerma total (eV-barns)
96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
10
96-Cm-250

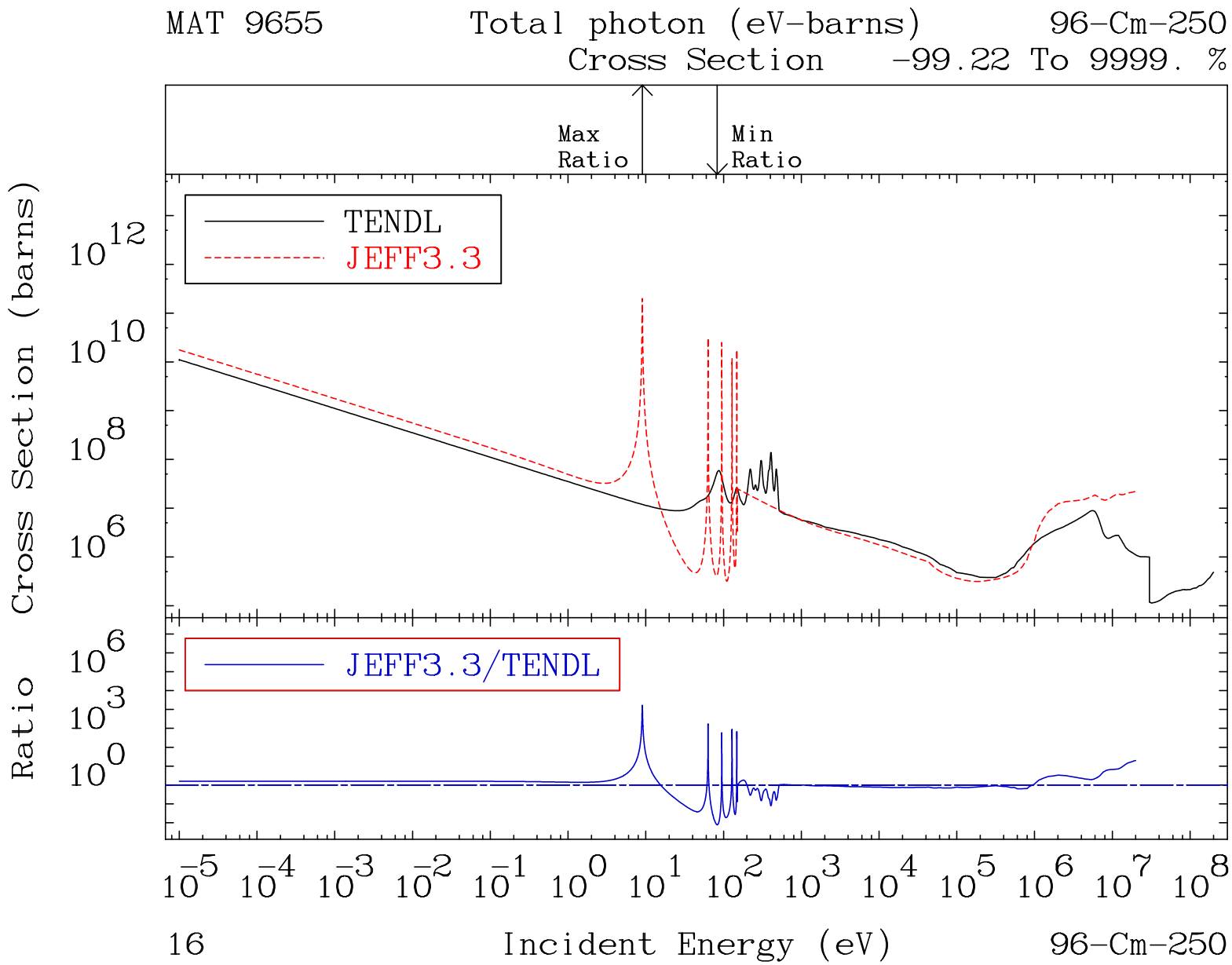

MAT 9655
Kerma elastic
Cross Section
96-Cm-250
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
11
96-Cm-250

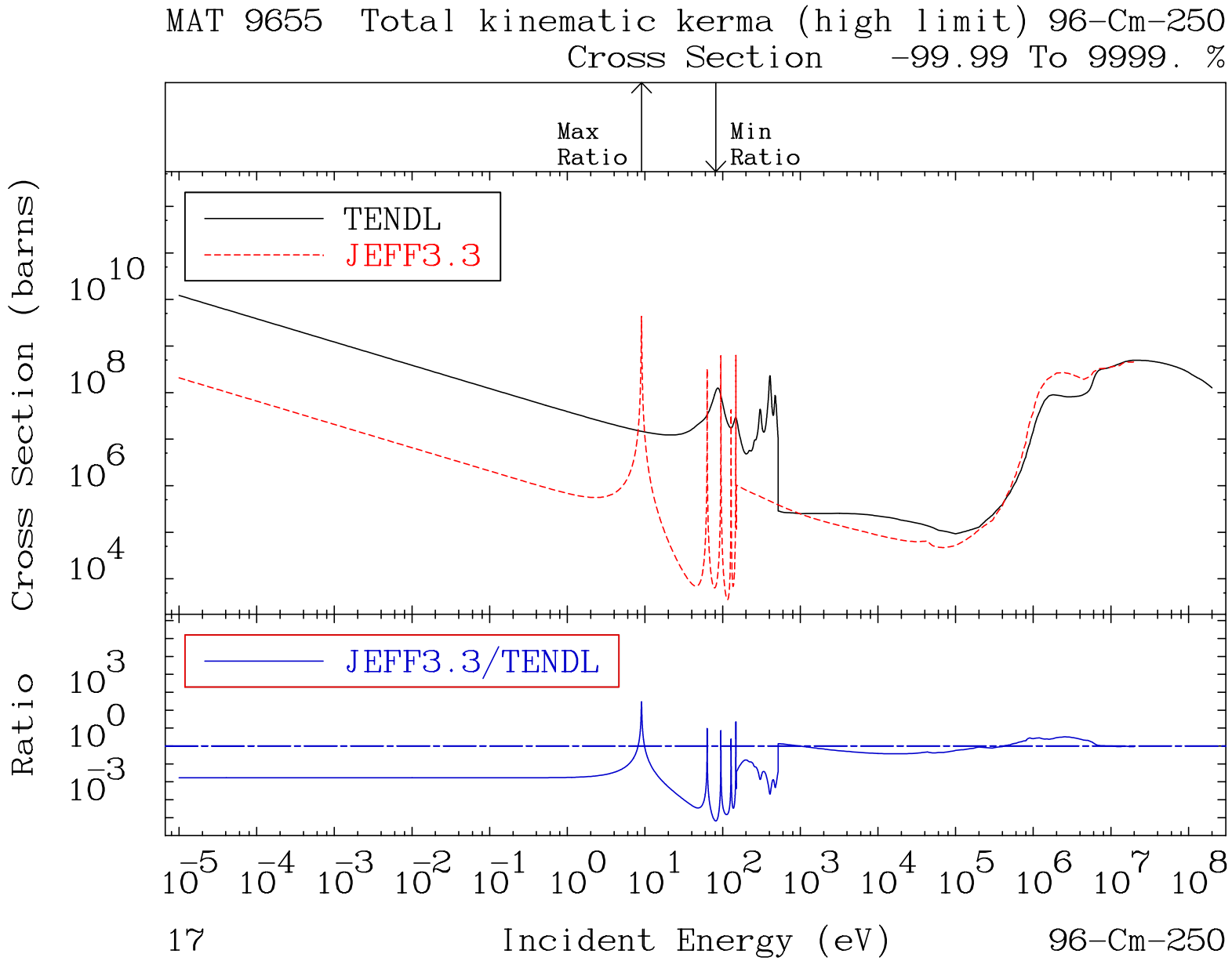

MAT 9655 Kerma non-elastic (all but mt2) 96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
12
96-Cm-250

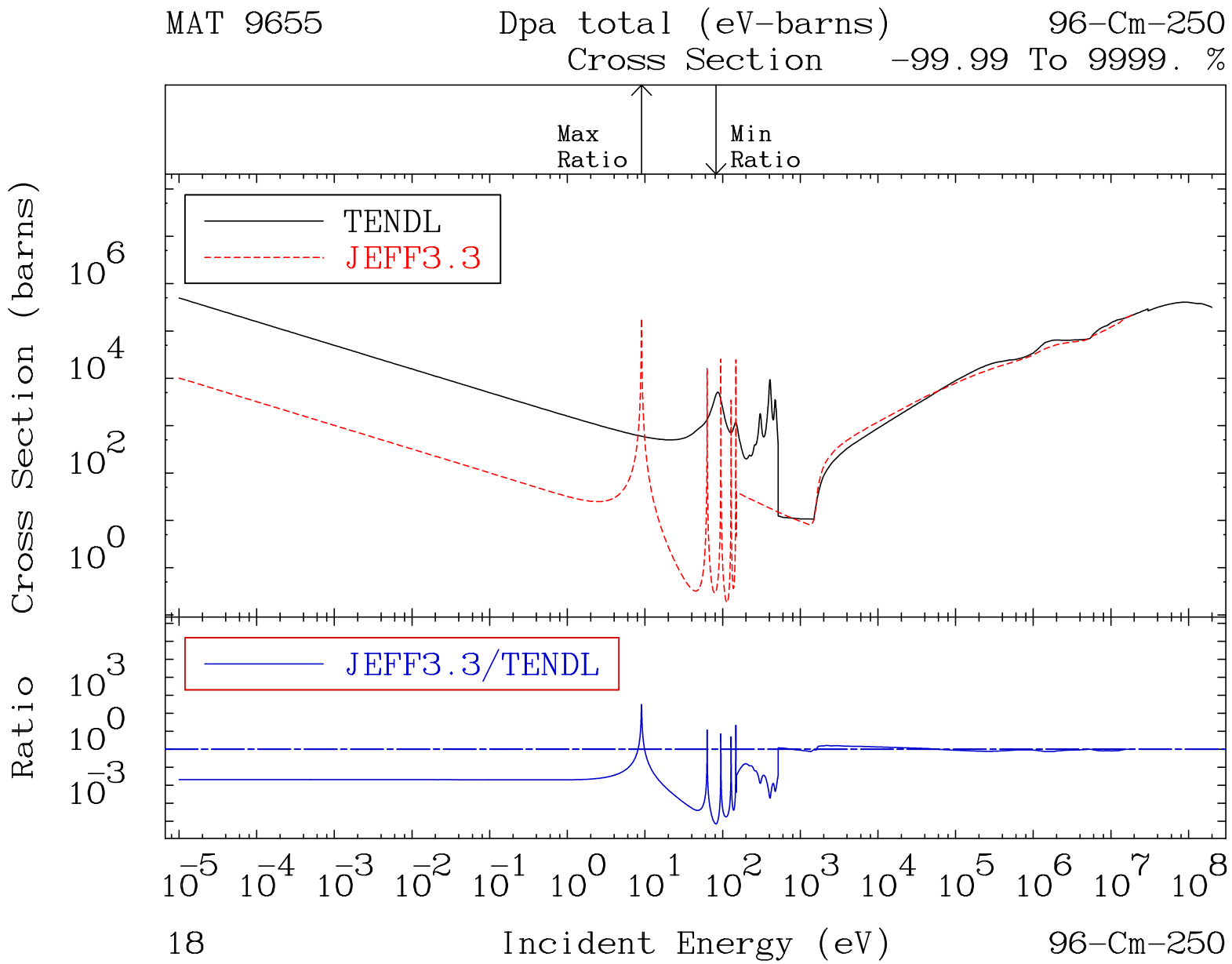

MAT 9655
Kerma inelastic (mt51-91)
96-Cm-250
Cross Section -9999. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 43.173 keV
JEFF3.3 Threshold 43.173 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
13
96-Cm-250

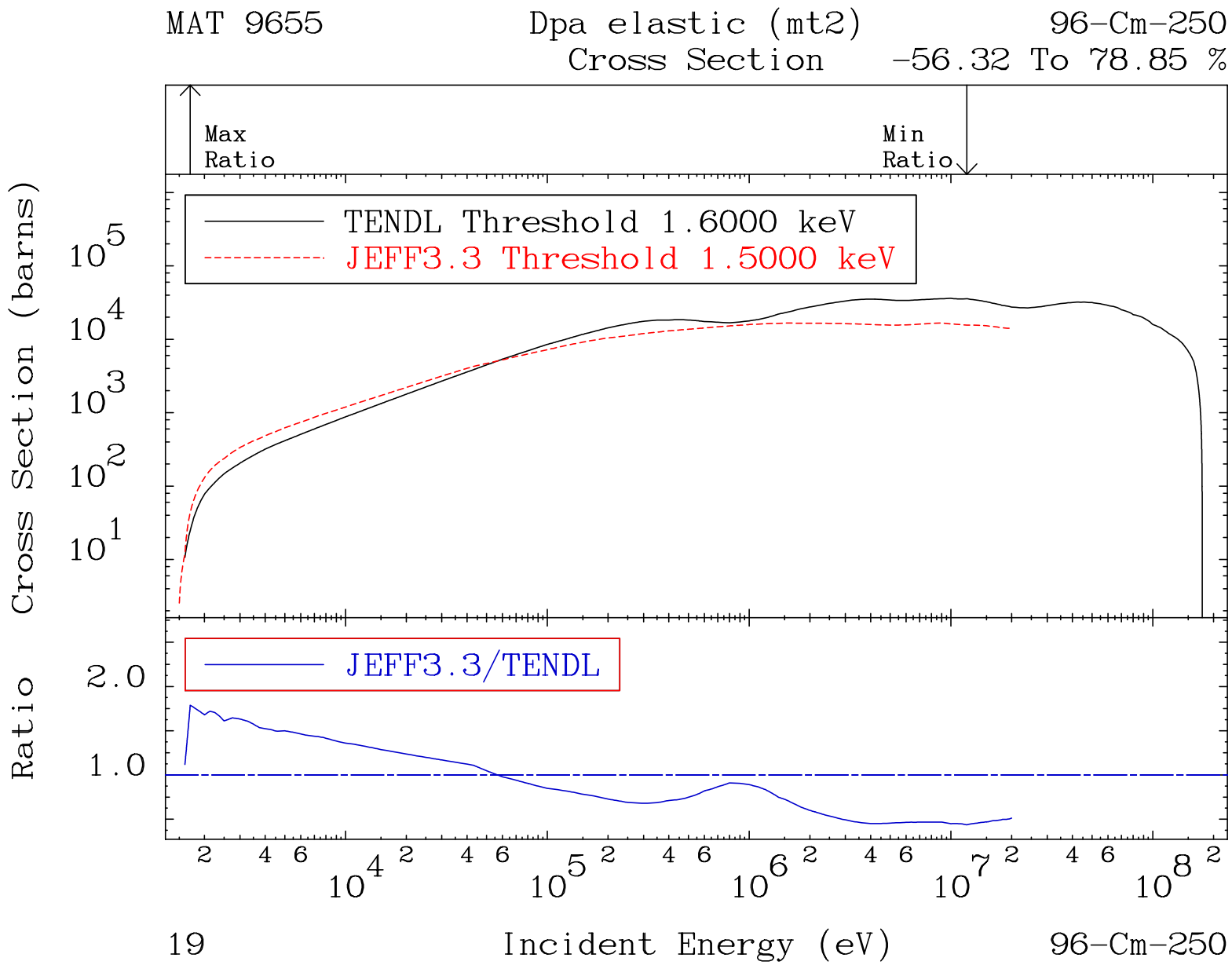

MAT 9655 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
14
96-Cm-250

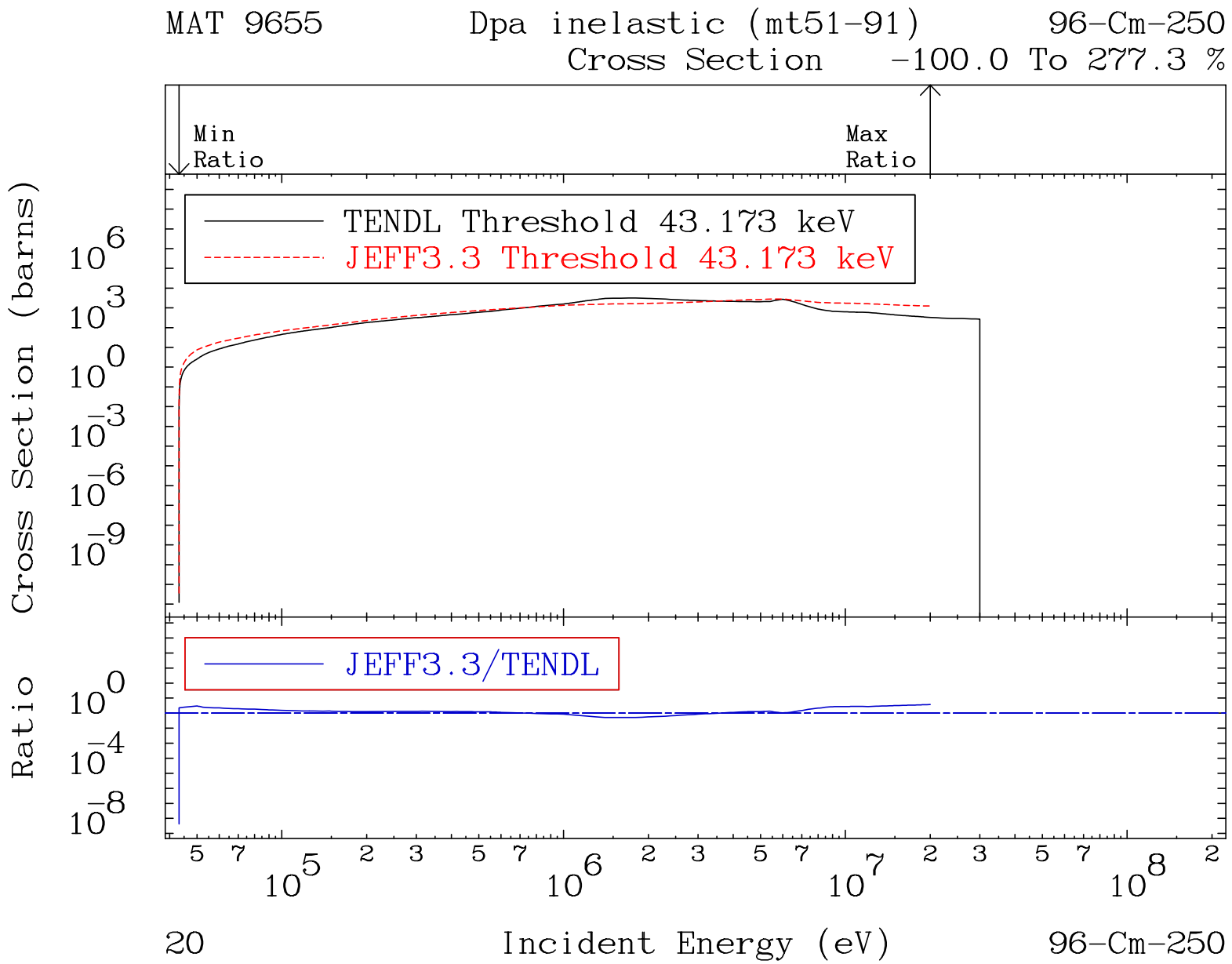

MAT 9655
Kerma capture (mt102)
96-Cm-250
Cross Section -98.97 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
15
96-Cm-250

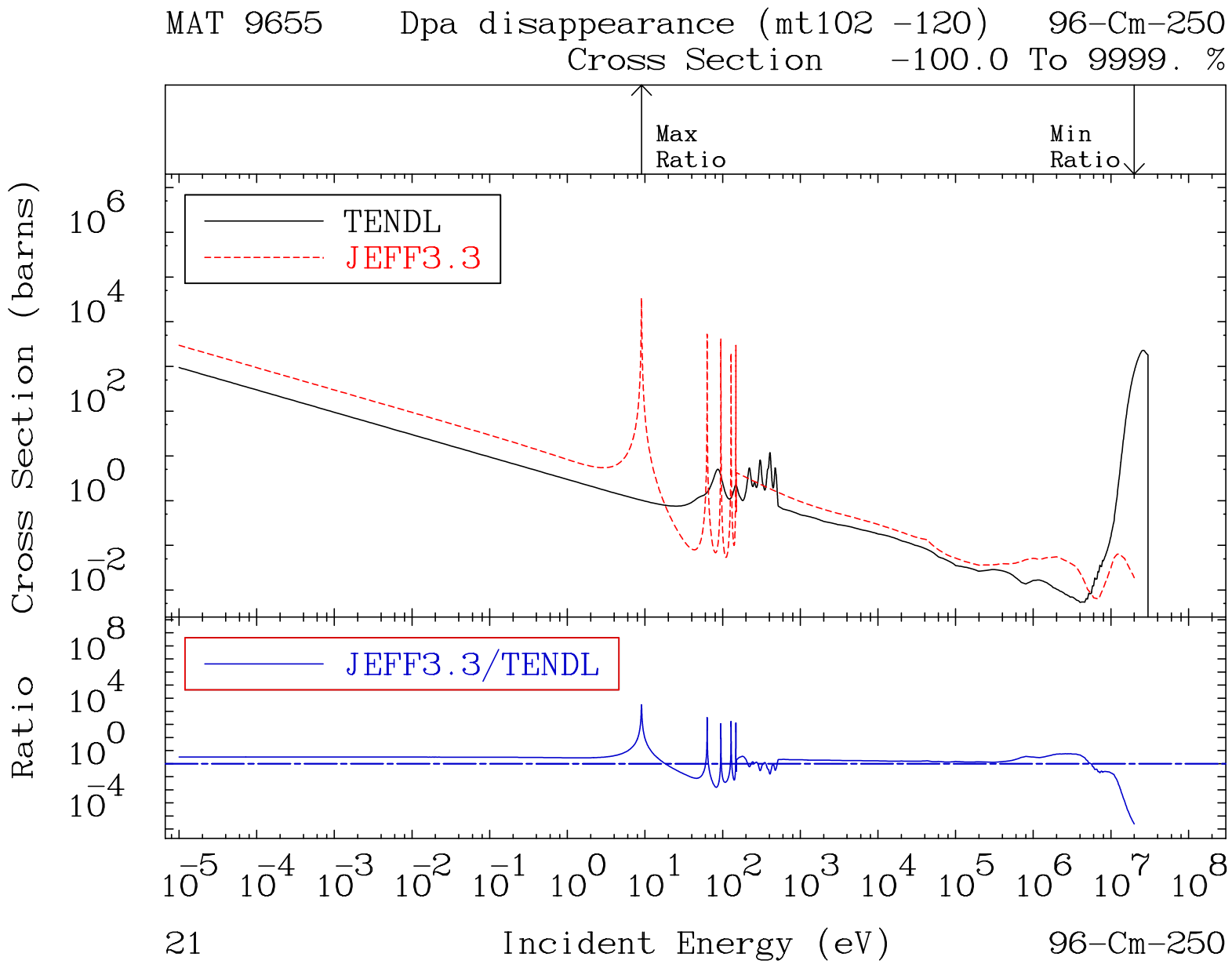

MAT 9655
Total photon (eV-barns)
96-Cm-250
Cross Section -99.22 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
16
96-Cm-250

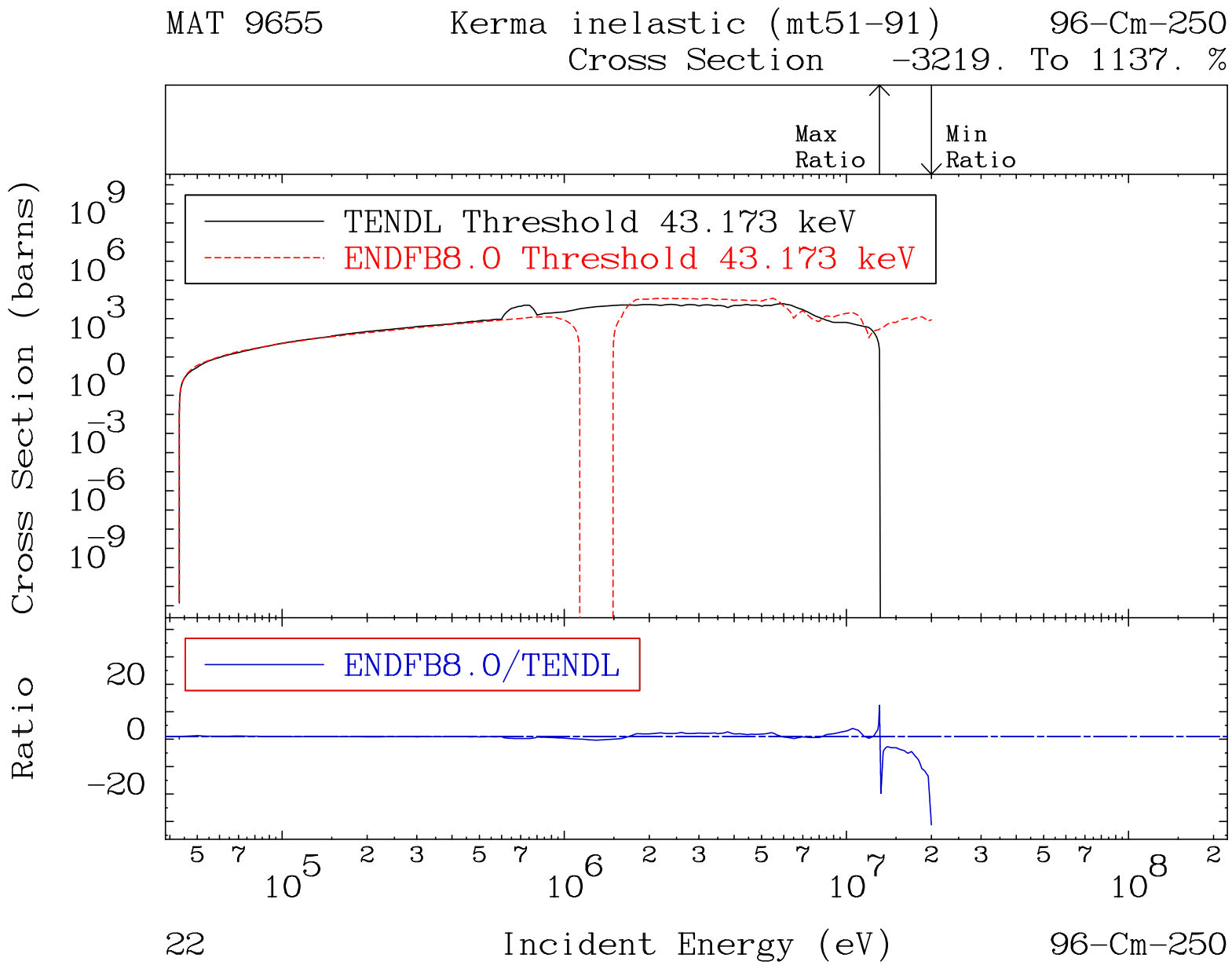

MAT 9655 Total kinematic kerma (high limit) 96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
17
96-Cm-250

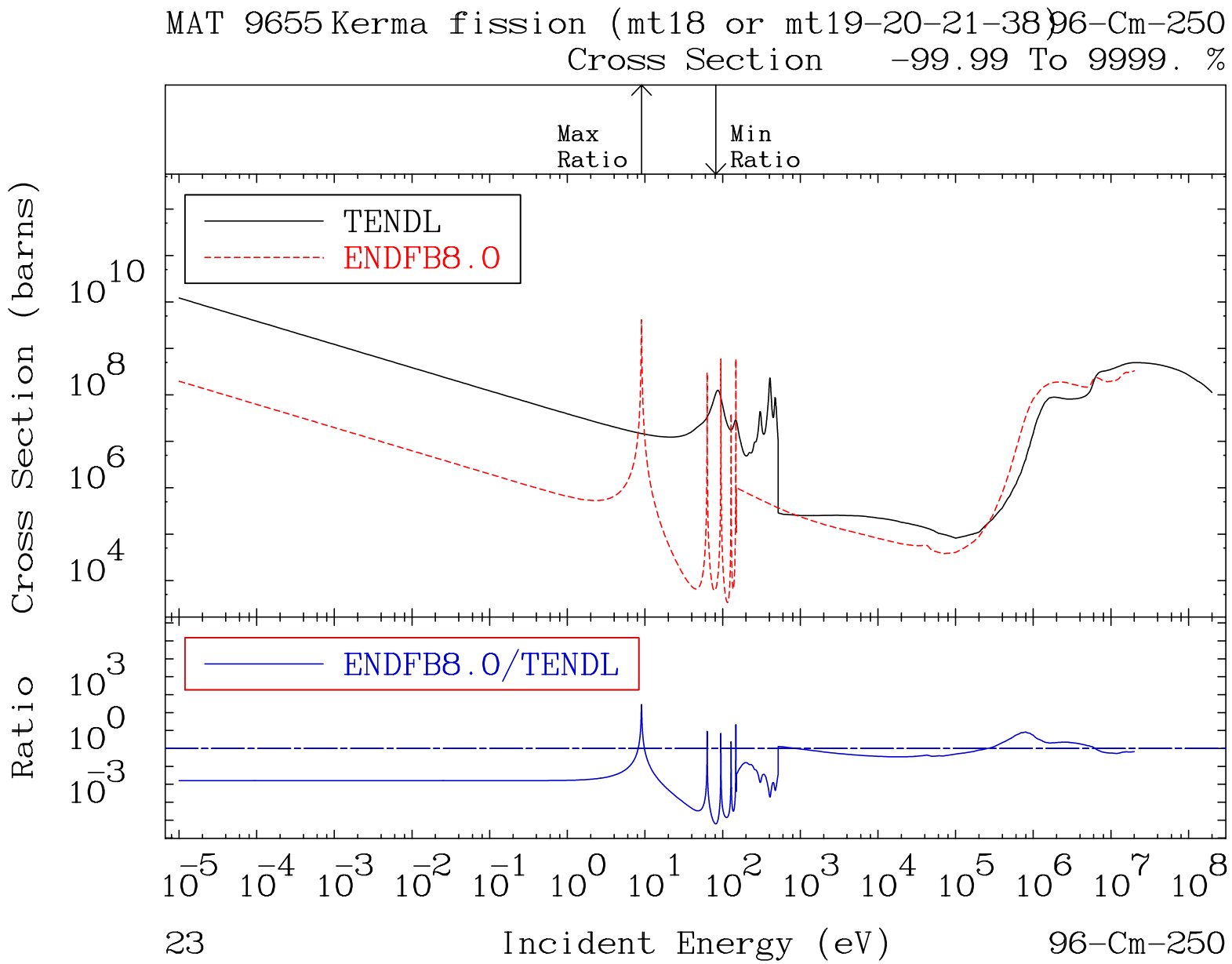

MAT 9655
Dpa total (eV-barns)
96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
18
96-Cm-250

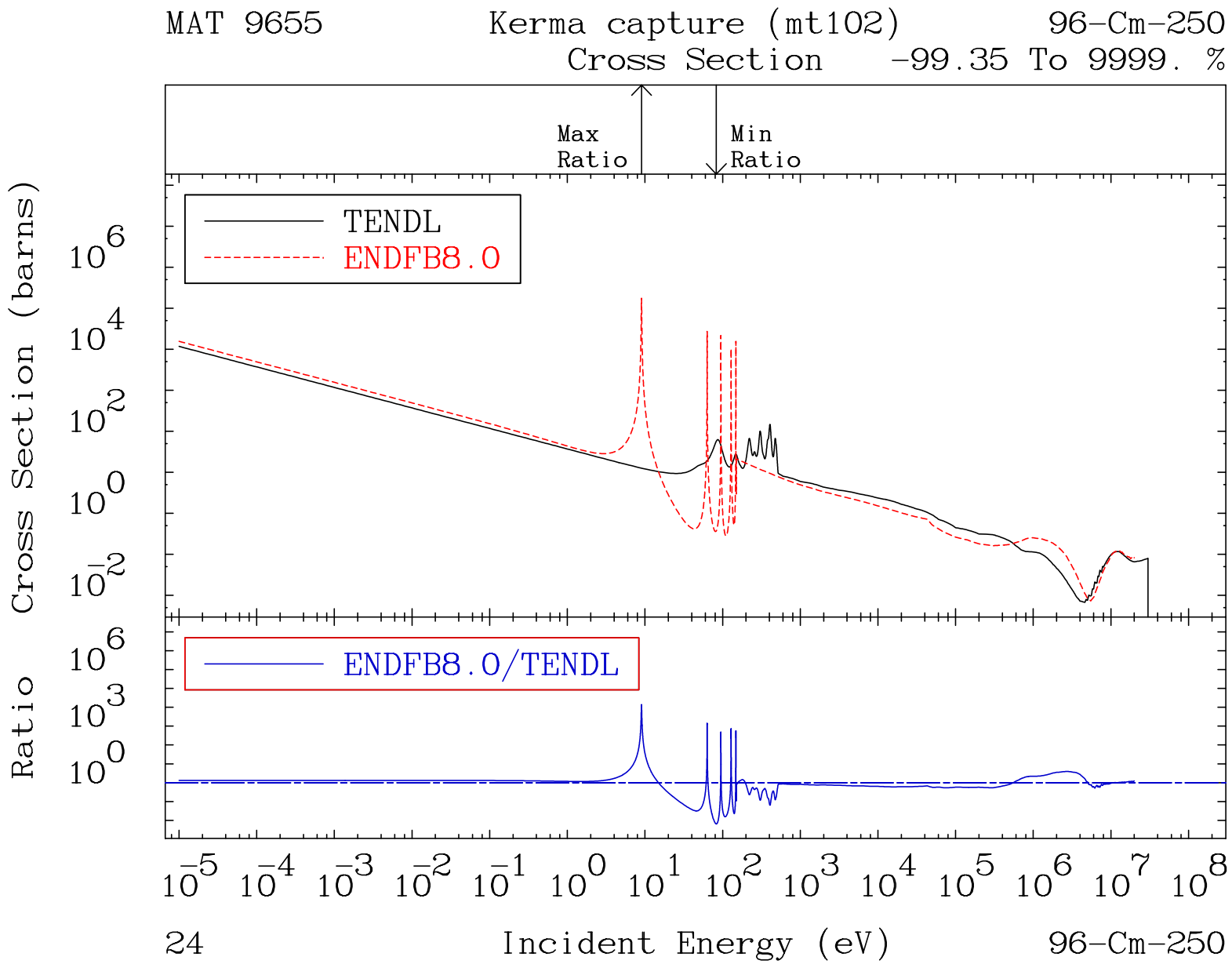

MAT 9655
Dpa elastic (mt2)
Cross Section
96-Cm-250
-56.32 To 78.85 %
Max Ratio
Min Ratio
TENDL Threshold 1.6000 keV
JEFF3.3 Threshold 1.5000 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
19
96-Cm-250

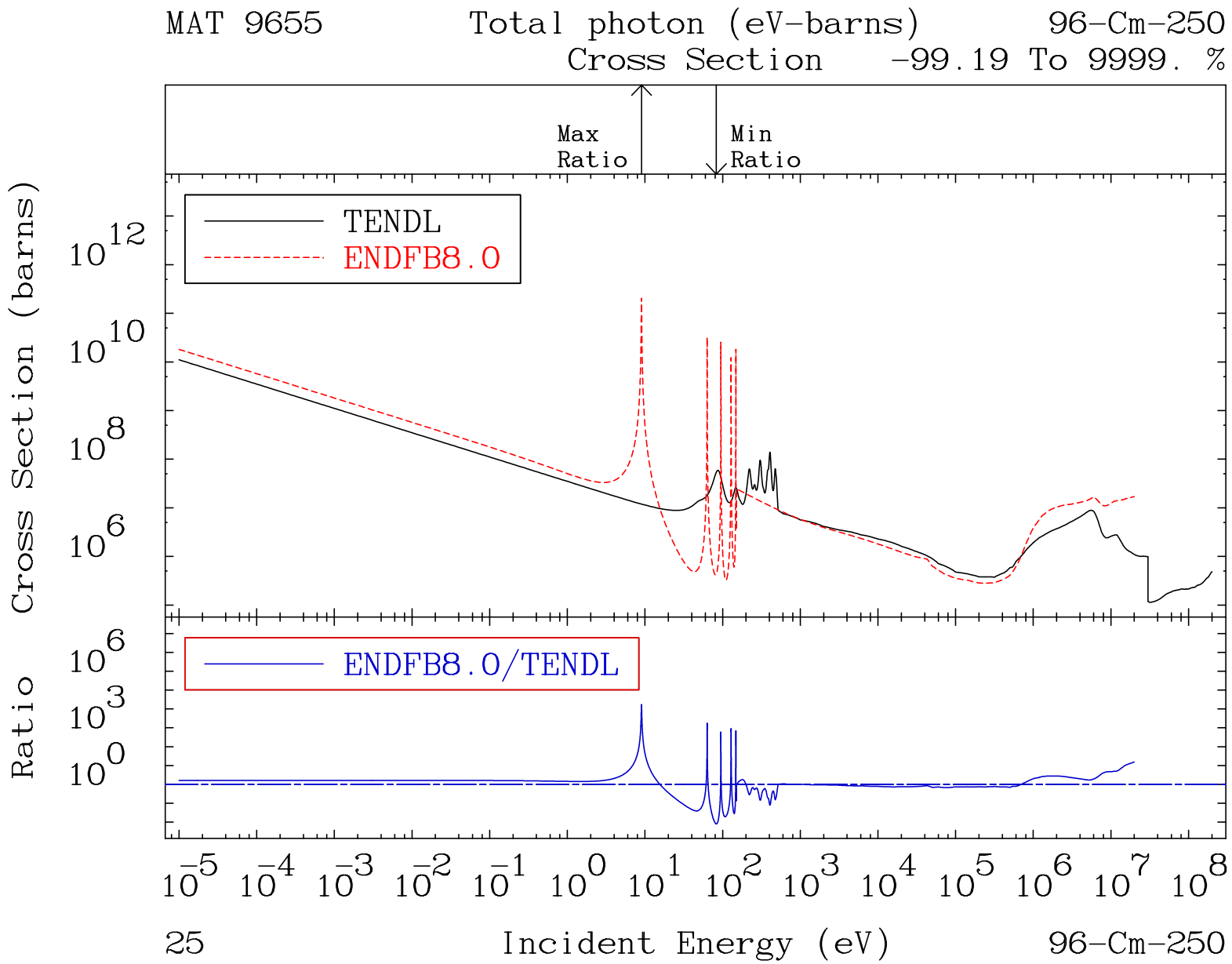

MAT 9655
Dpa inelastic (mt51-91)
96-Cm-250
Cross Section -100.0 To 277.3 %
Min Ratio
Max Ratio
TENDL Threshold 43.173 keV
JEFF3.3 Threshold 43.173 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
20
96-Cm-250

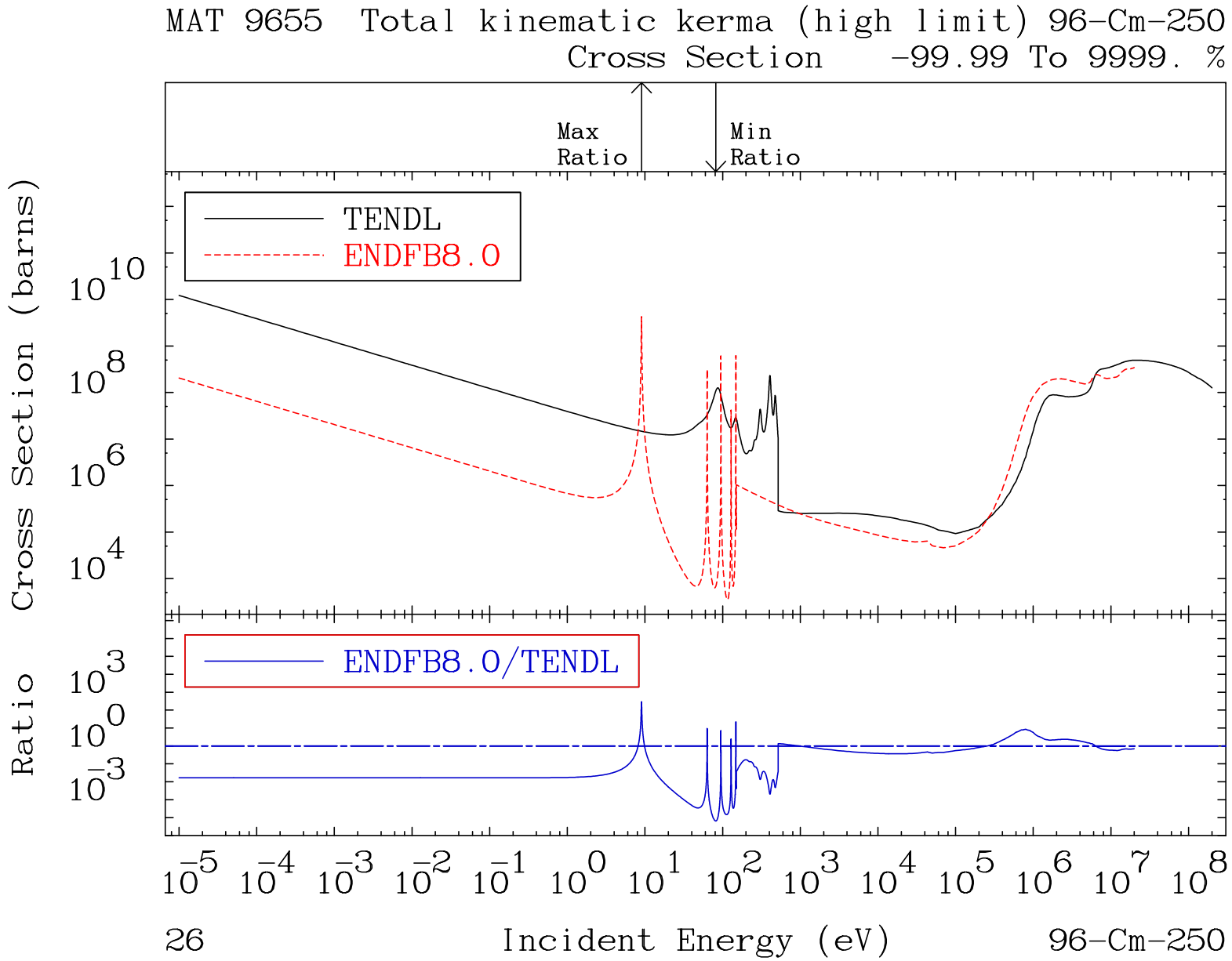

MAT 9655 Dpa disappearance (mt102 -120) 96-Cm-250
Cross Section -100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Ratio Cross Section (barns)
Incident Energy (eV)
21
96-Cm-250

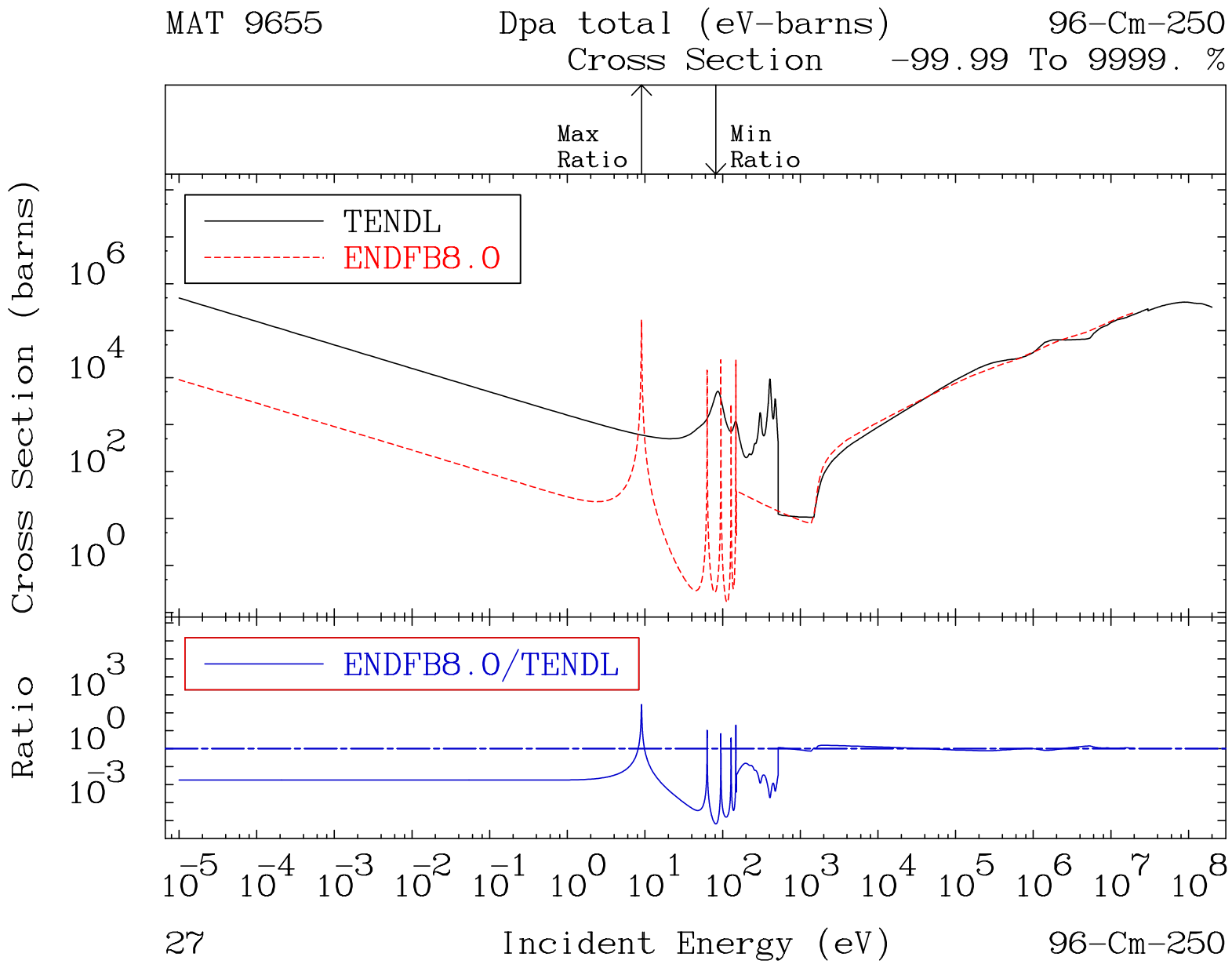

MAT 9655
Kerma inelastic (mt51-91)
96-Cm-250
Cross Section -3219. To 1137. %
Max Ratio
Min Ratio
TENDL Threshold 43.173 keV
ENDFB8.0 Threshold 43.173 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
22
96-Cm-250

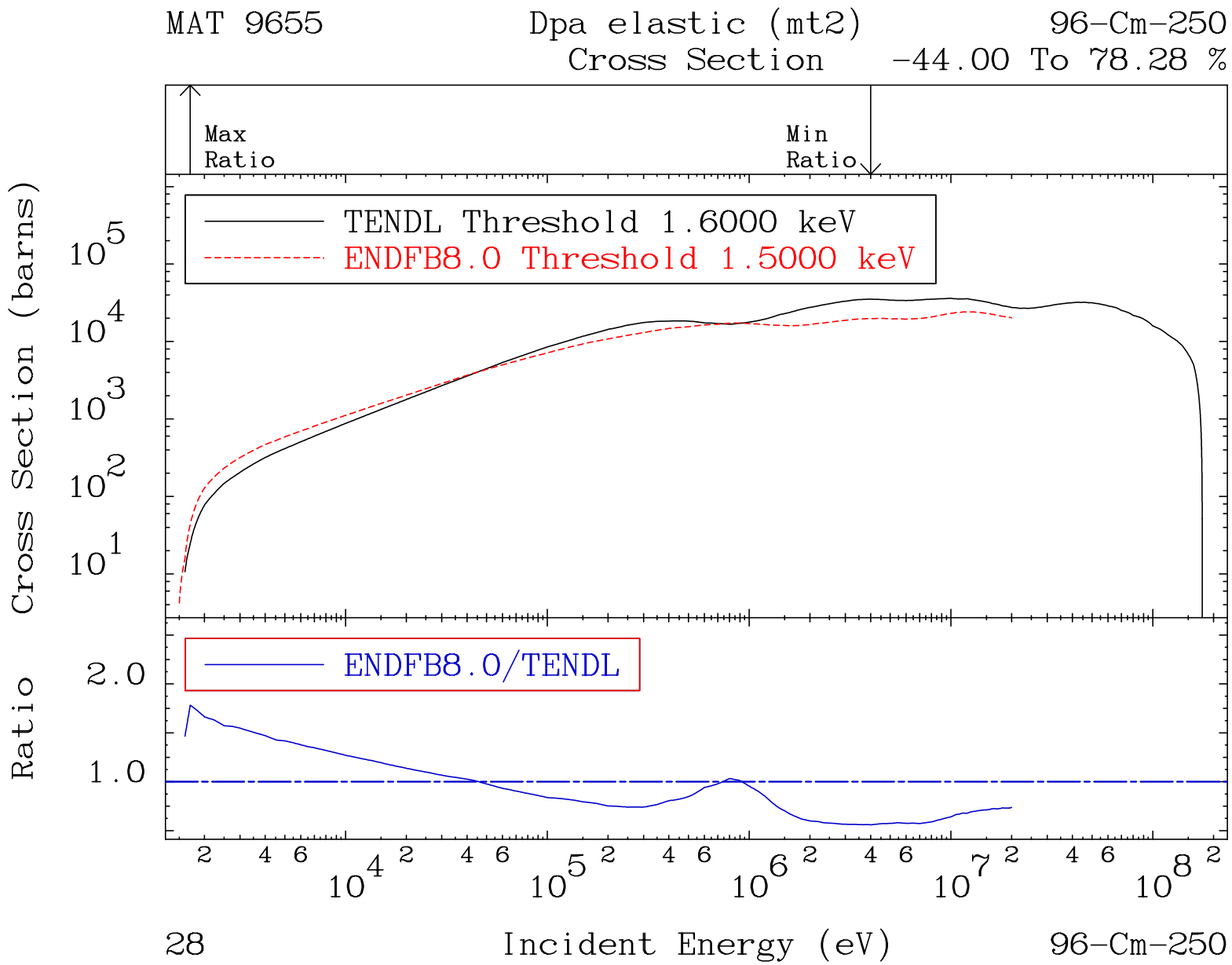

MAT 9655 Kerma fission (mt18 or mt19-20-21-38) 96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
23
96-Cm-250

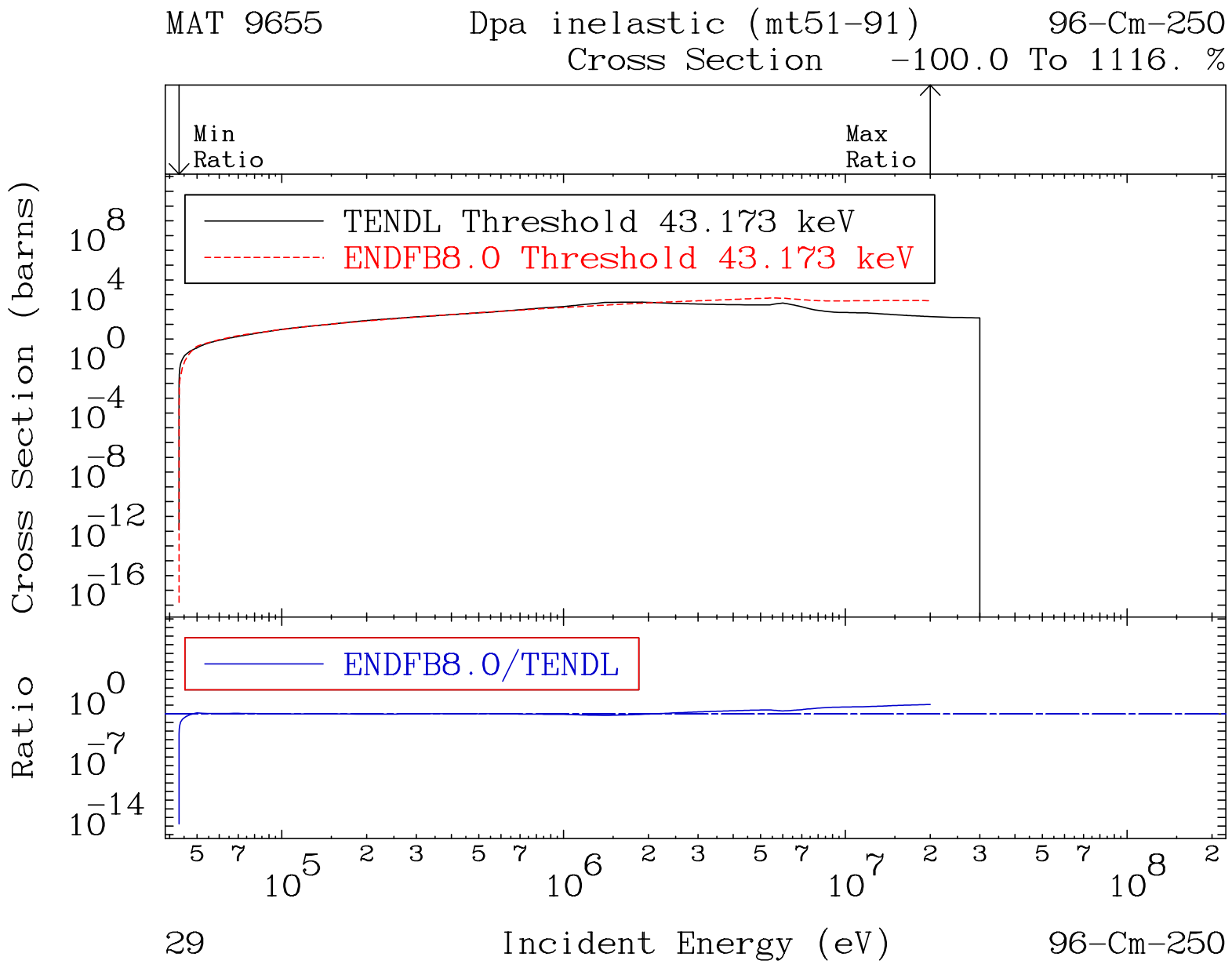

MAT 9655
Kerma capture (mt102)
96-Cm-250
Cross Section -99.35 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
24
96-Cm-250

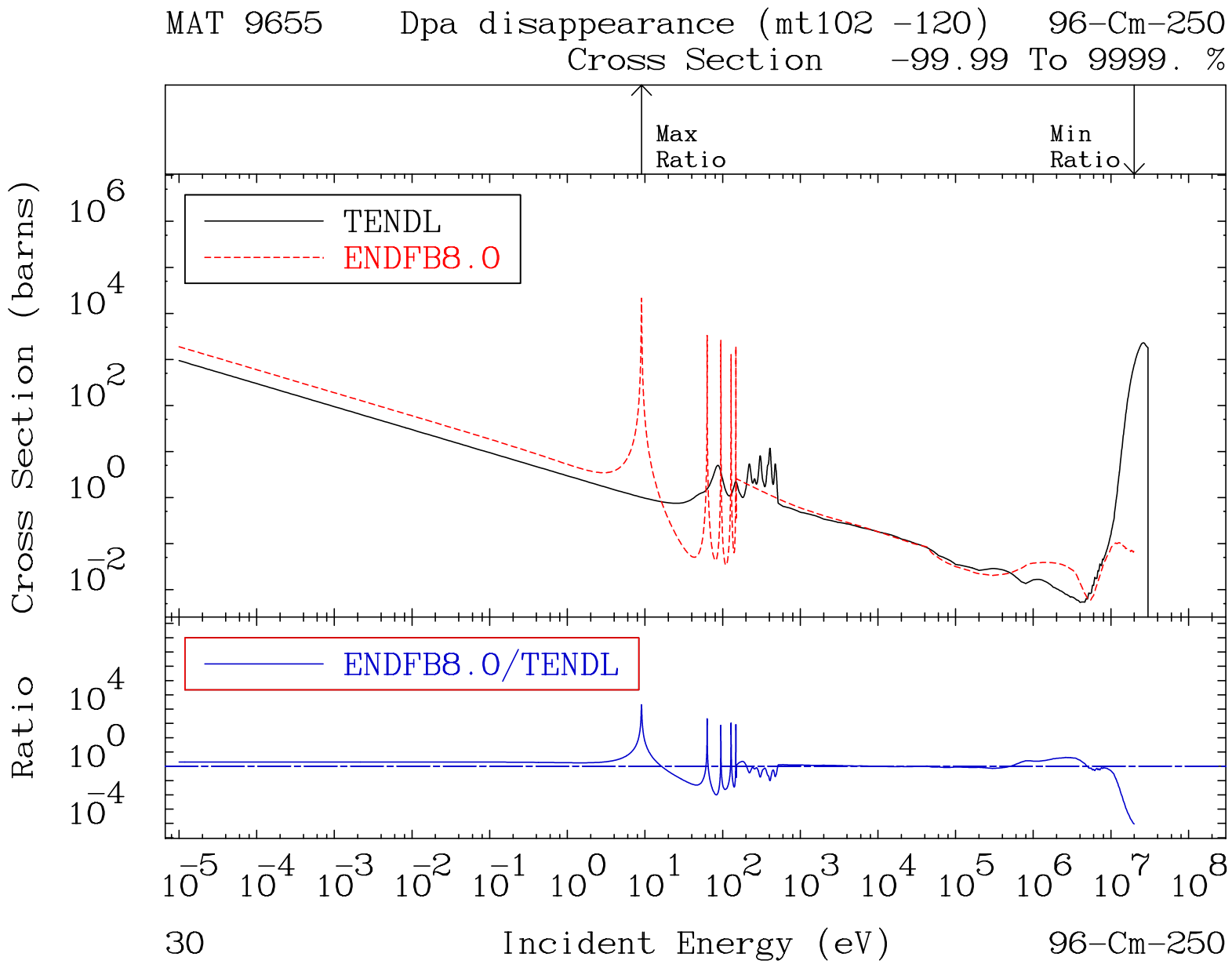

MAT 9655
Total photon (eV-barns)
96-Cm-250
Cross Section -99.19 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
25
96-Cm-250


MAT 9655 Total kinematic kerma (high limit) 96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
26
96-Cm-250


MAT 9655
Dpa total (eV-barns)
96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
27
96-Cm-250


MAT 9655
Dpa elastic (mt2)
Cross Section
96-Cm-250
-44.00 To 78.28 %
Max Ratio
Min Ratio
TENDL Threshold 1.6000 keV
ENDFB8.0 Threshold 1.5000 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
28
96-Cm-250


MAT 9655
Dpa inelastic (mt51-91)
96-Cm-250
Cross Section -100.0 To 1116. %
Min Ratio
Max Ratio
TENDL Threshold 43.173 keV
ENDFB8.0 Threshold 43.173 keV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
29
96-Cm-250


MAT 9655 Dpa disappearance (mt102 -120) 96-Cm-250
Cross Section -99.99 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
30
96-Cm-250