

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

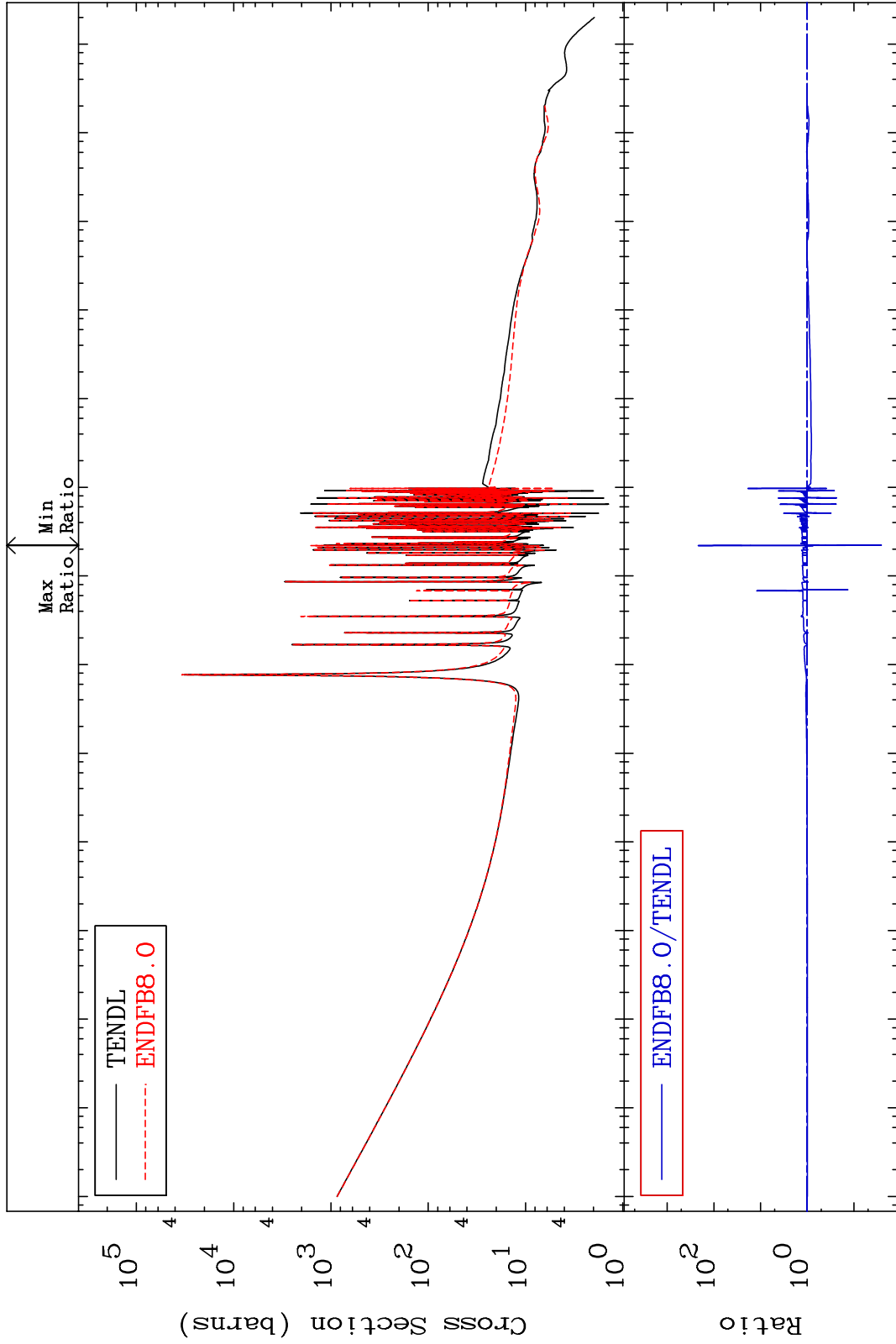
MAT 9637

Total

96-Cm-244

Cross Section

-97.44 To 9999. %



— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵
10⁸
10⁷
10⁶
10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵
10⁻⁴
10⁻³
10⁻²
10⁻¹
10⁰
10¹
10²
10³
10⁴
10⁵
10⁶
10⁷
10⁸
Incident Energy (eV)
96-Cm-244

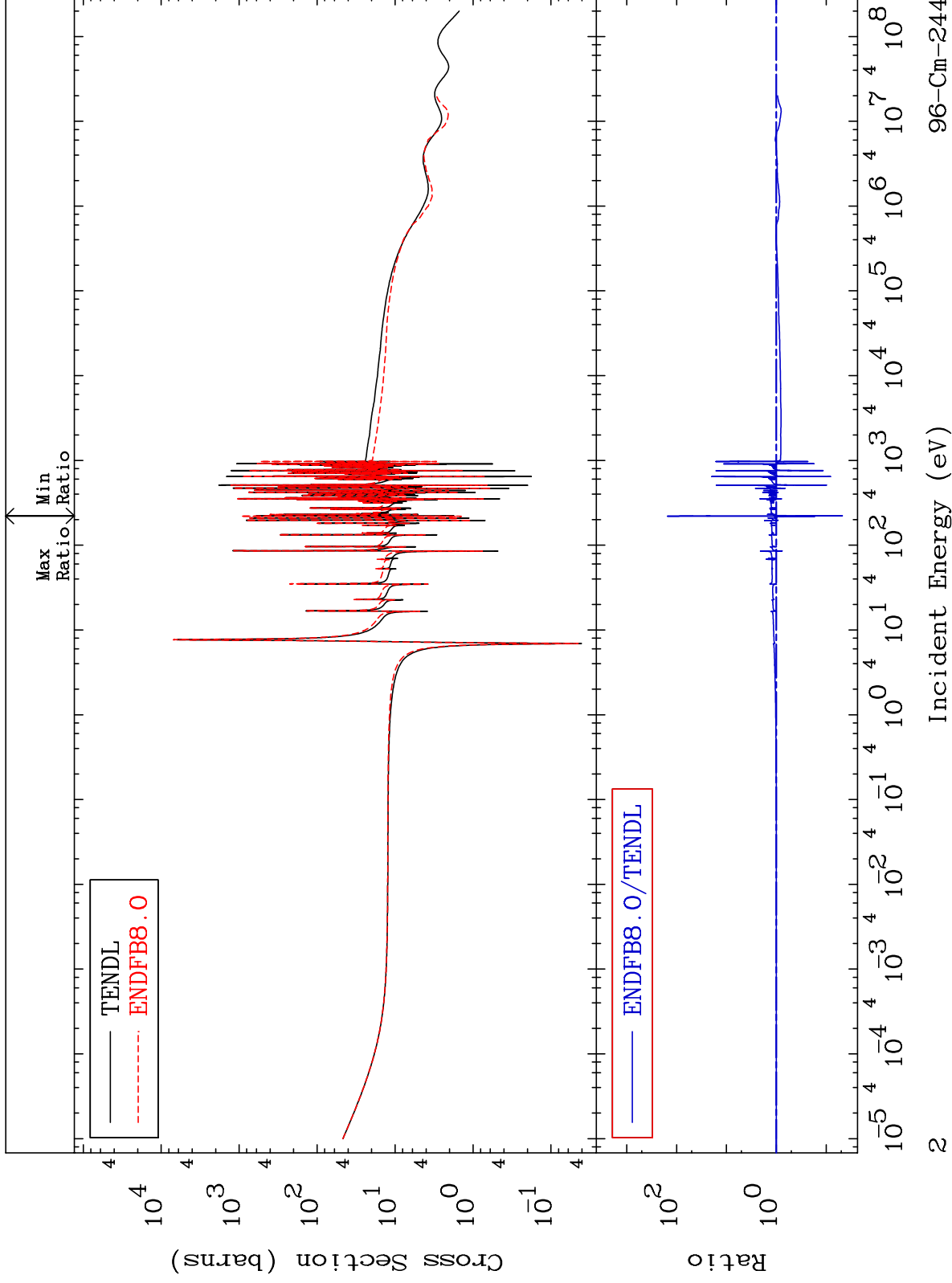
MAT 9637

Elastic

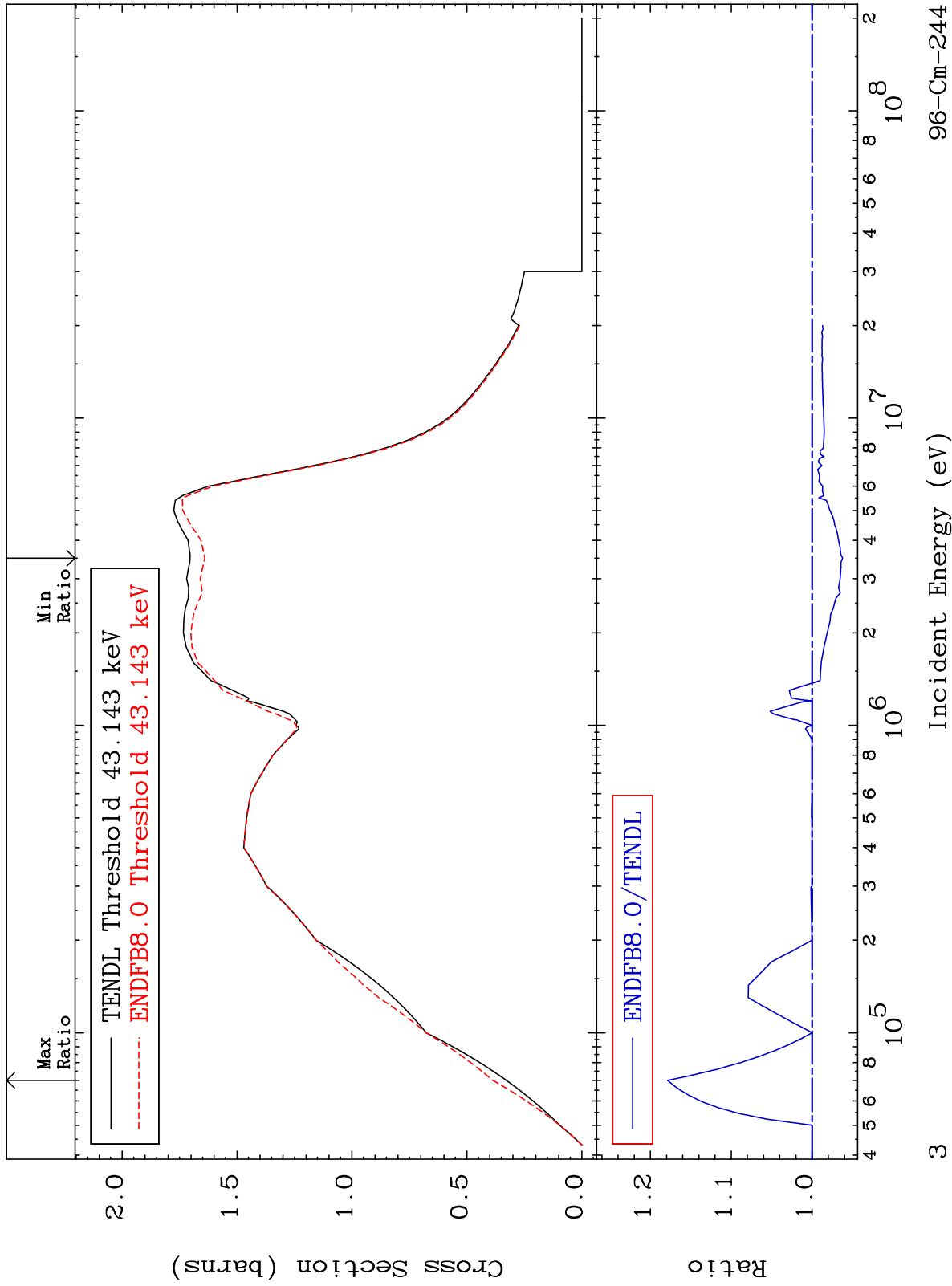
Cross Section

96-Cm-244

-95.31 To 9999. %



MAT 9637 Inelastic Cross Section 96-Cm-244 -3.779 To 17.88 %



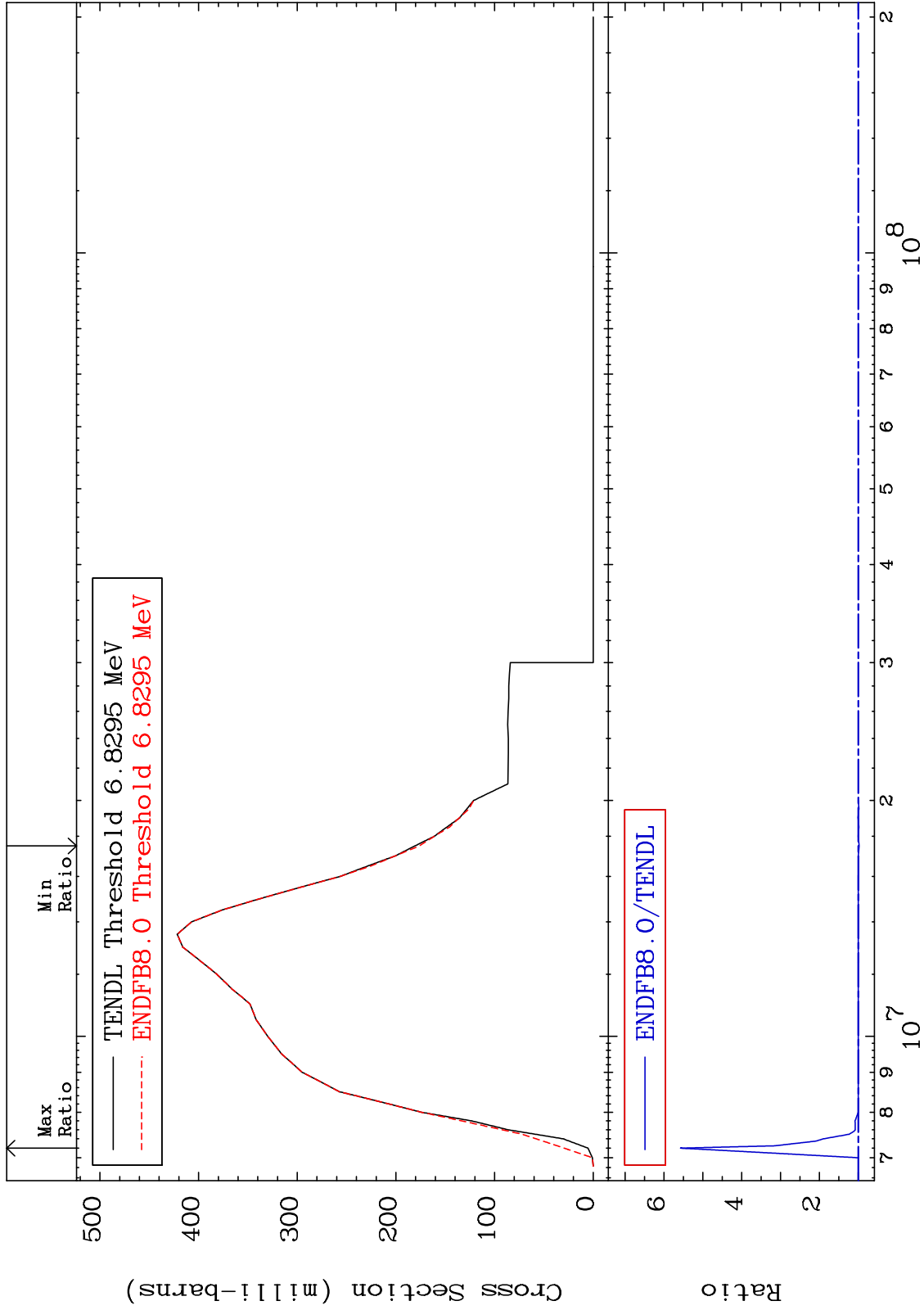
MAT 9637

(n, 2n)

96-Cm-244

Cross Section

-2.435 To 457.2 %



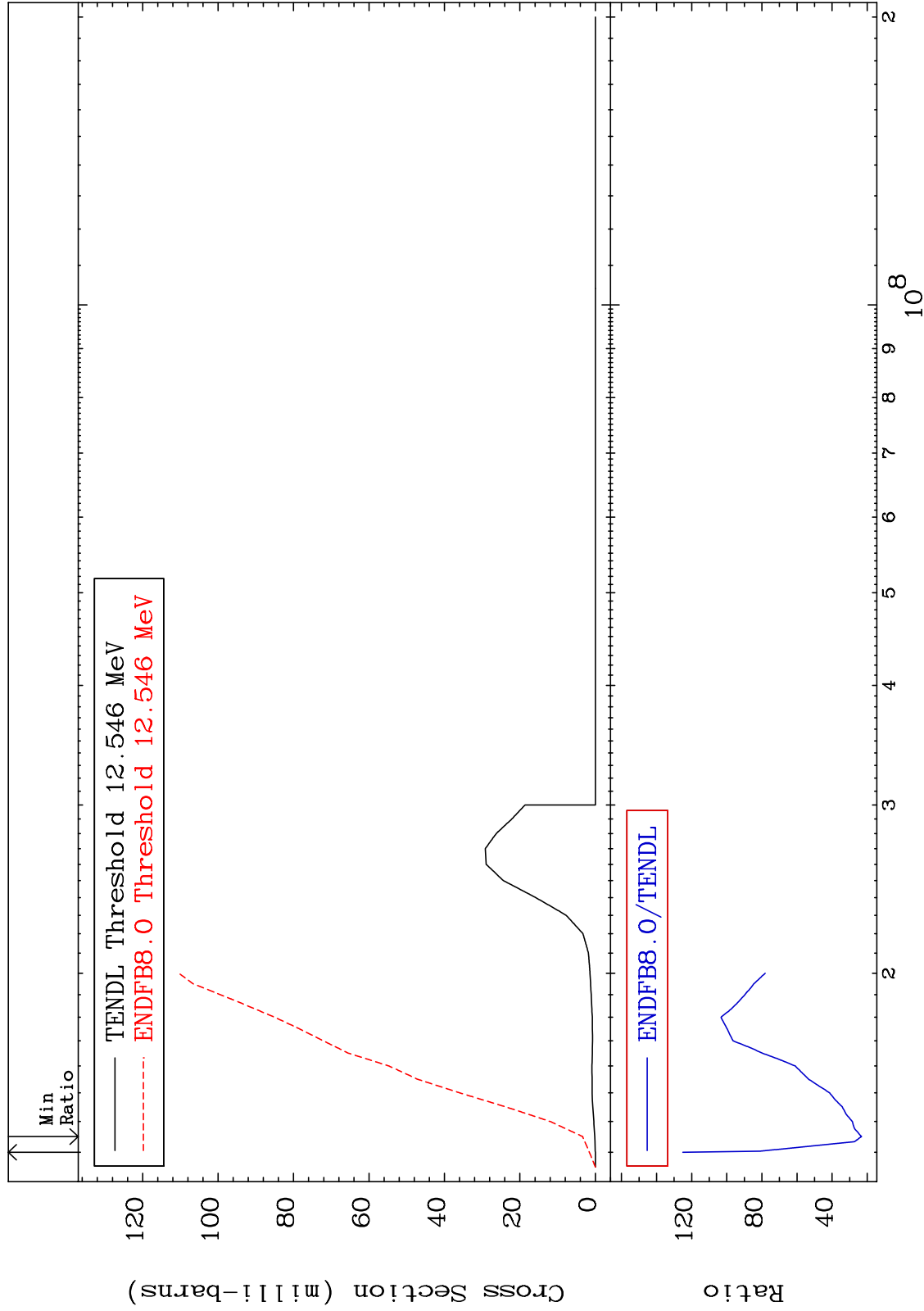
MAT 9637

(n, 3n)

96-Cm-244

Cross Section

2219. To 9999. %



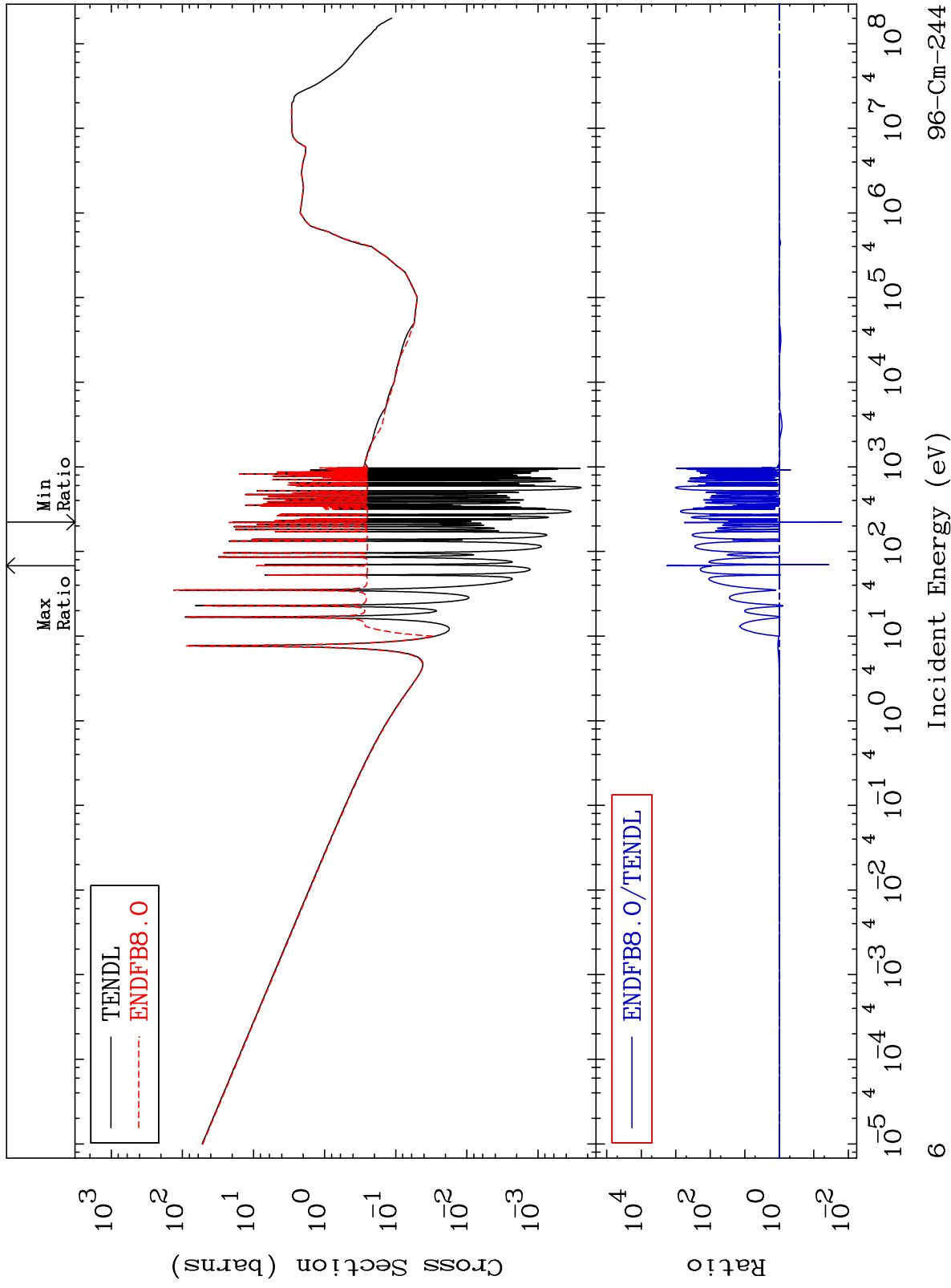
96-Cm-244

Incident Energy (eV)

5

MAT 9637

Fission Cross Section 96-Cm-244
-98.46 To 9999. %

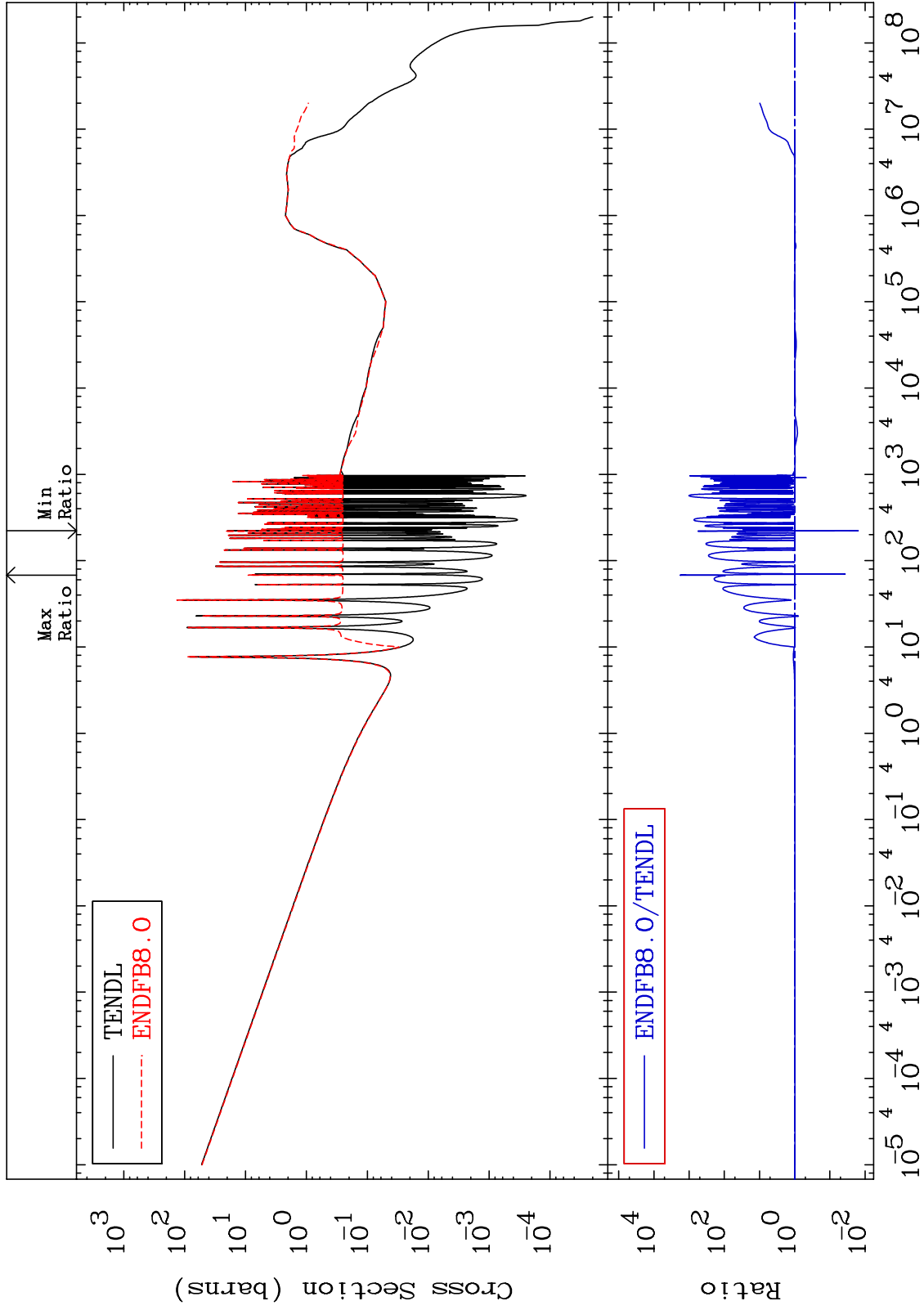


96-Cm-244

MAT 9637

(n,f) First Chance
Cross Section

96-Cm-244
-98.46 To 9999. %



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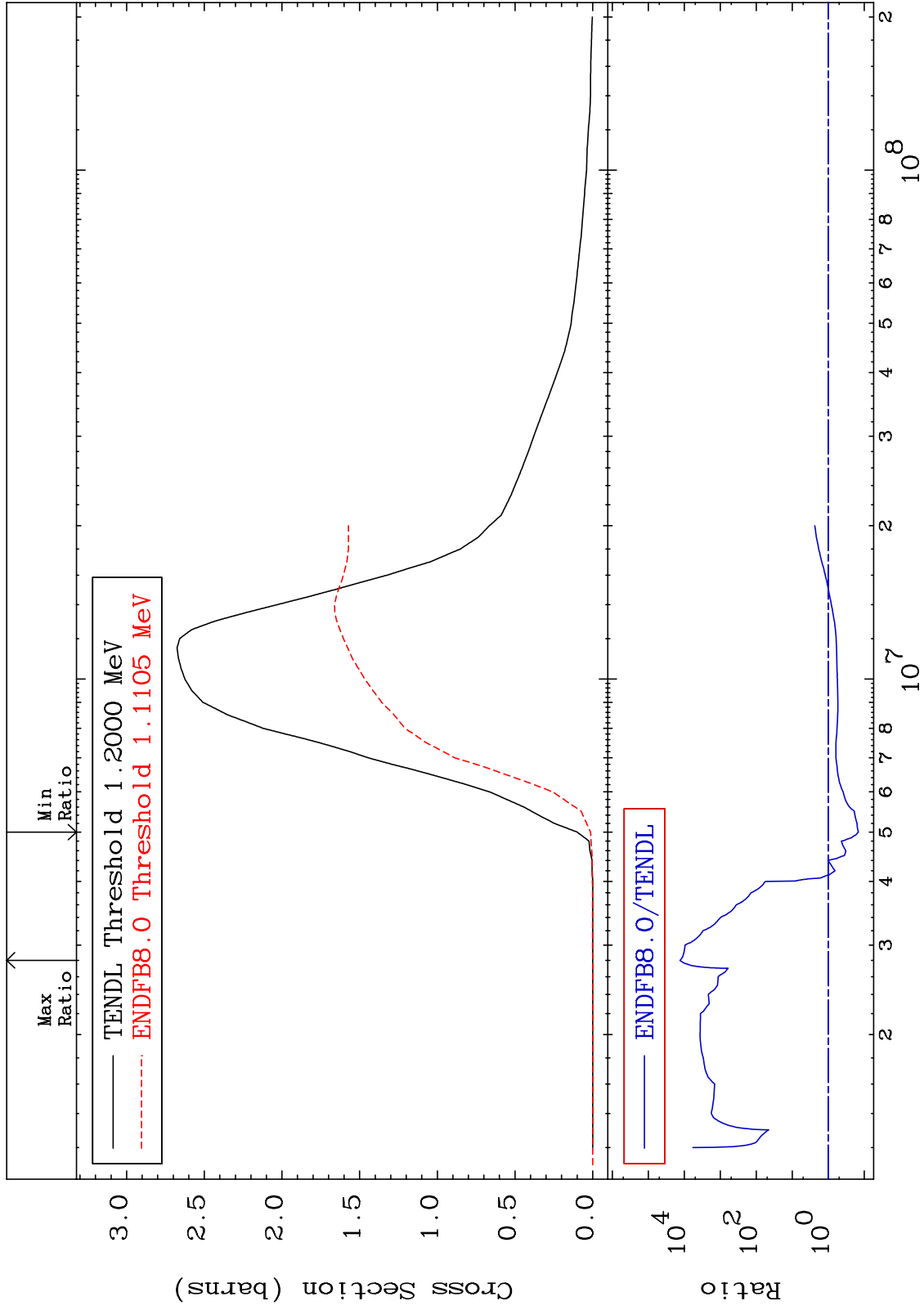
Incident Energy (eV)

96-Cm-244

MAT 9637

(n, nf) Second Chance
Cross Section

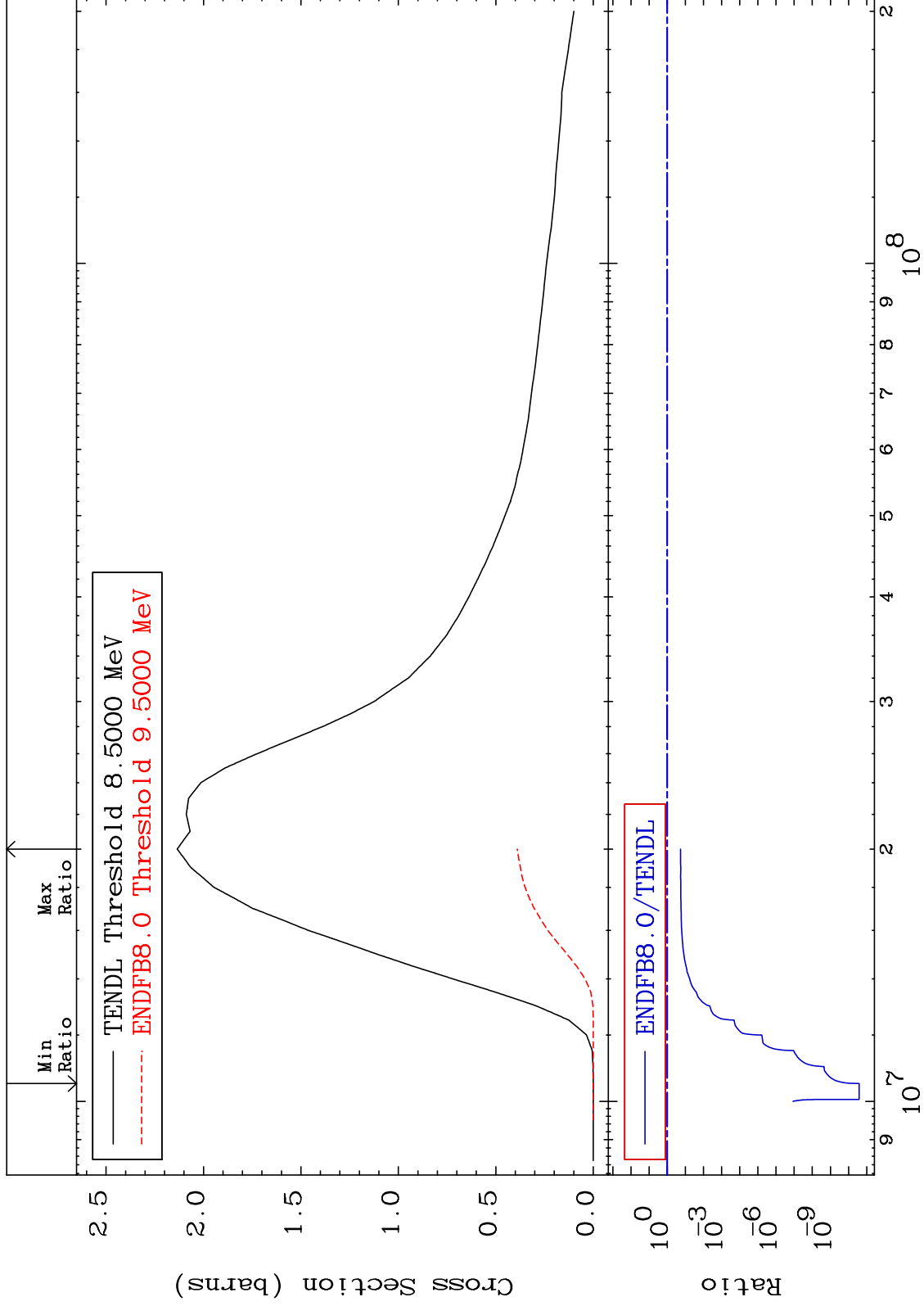
96-Cm-244
-85.51 To 9999. %



MAT 9637

(n,2nf) Third Chance
Cross Section

96-Cm-244
-100.0 To -81.77%



9

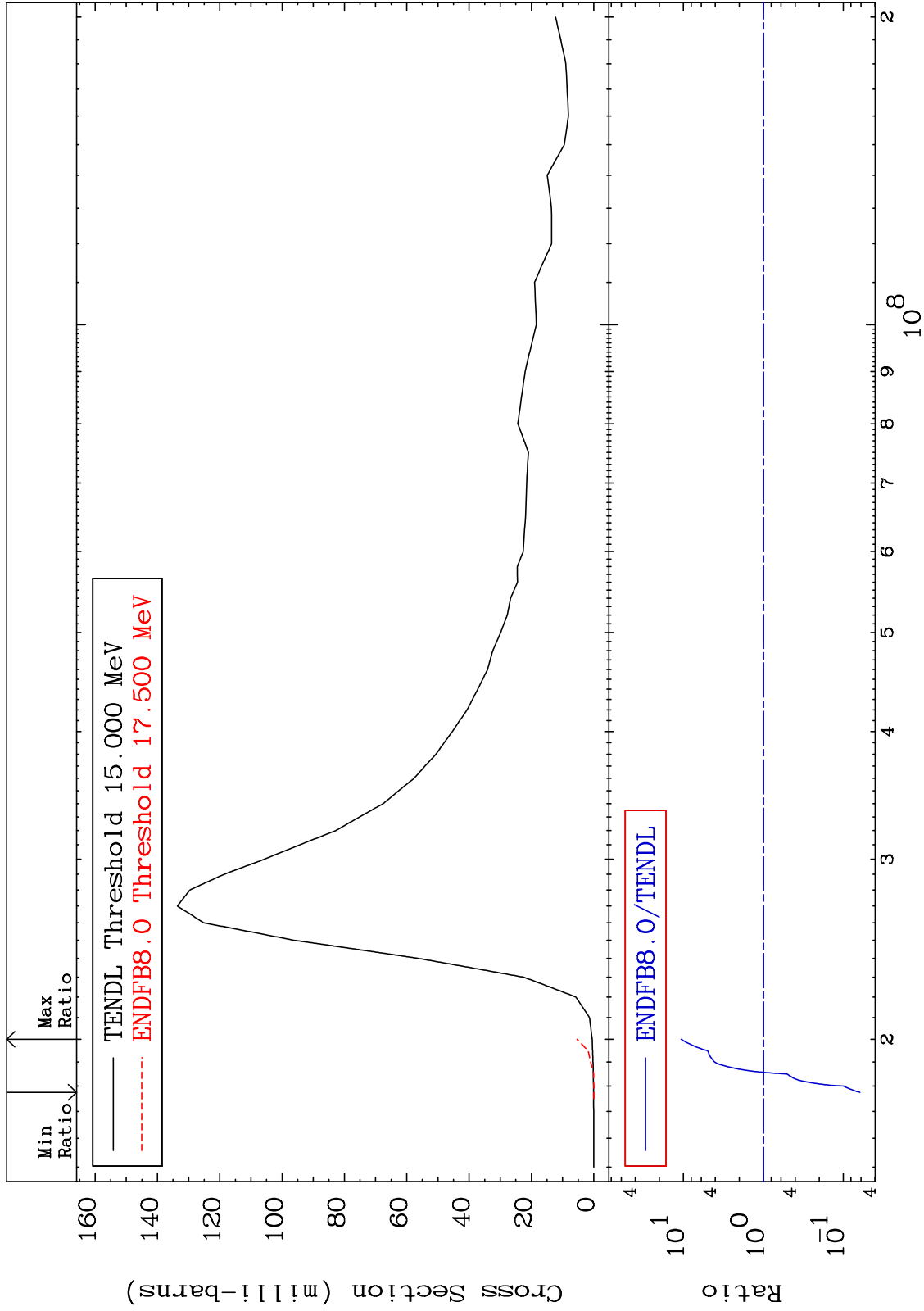
Incident Energy (eV)

96-Cm-244

MAT 9637

(n,3nf) Fourth Chance
Cross Section

96-Cm-244
-93.82 To 965.6 %



10

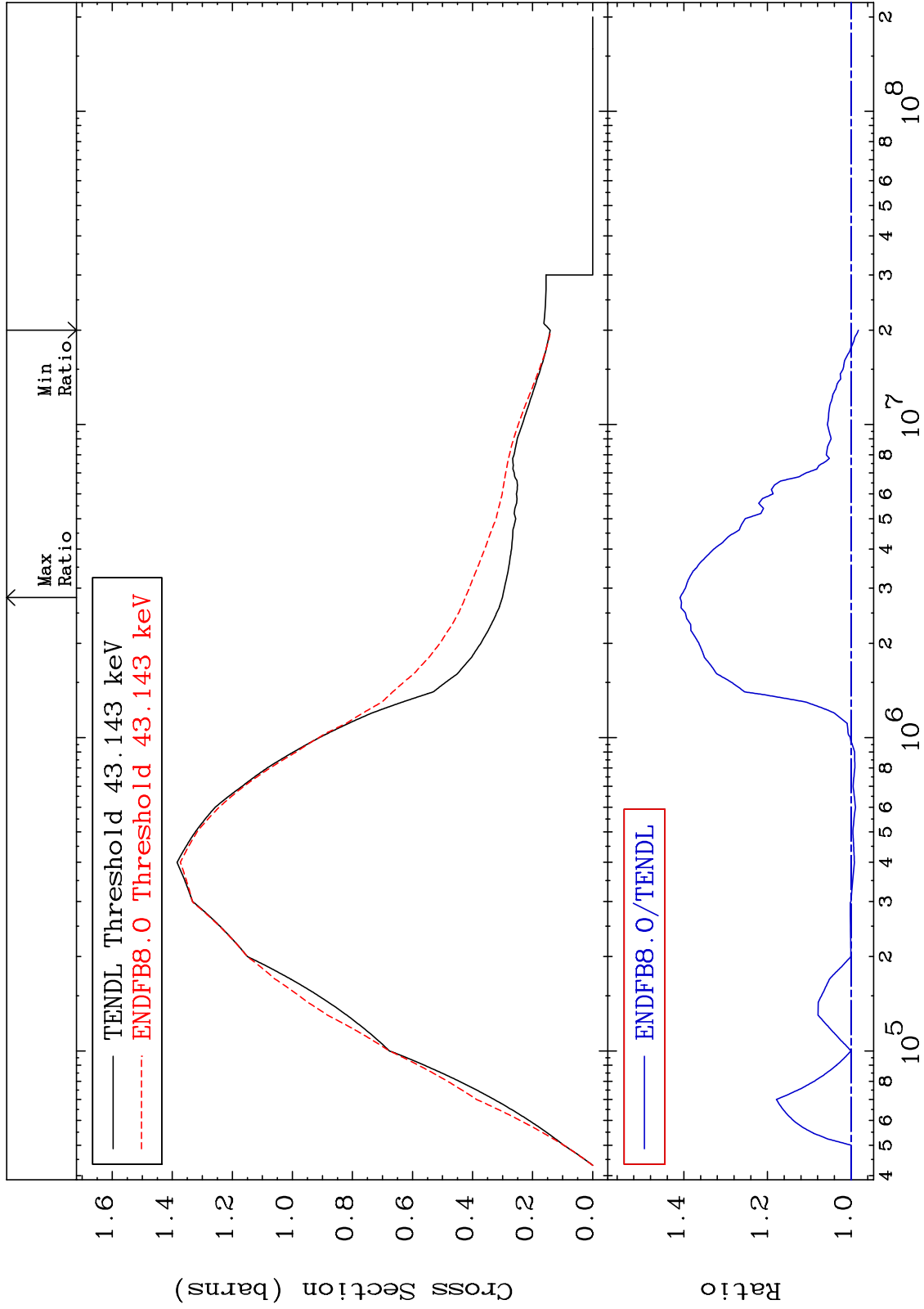
Incident Energy (eV)

96-Cm-244

MAT 9637

MT= 51 (n, n') Level
Cross Section

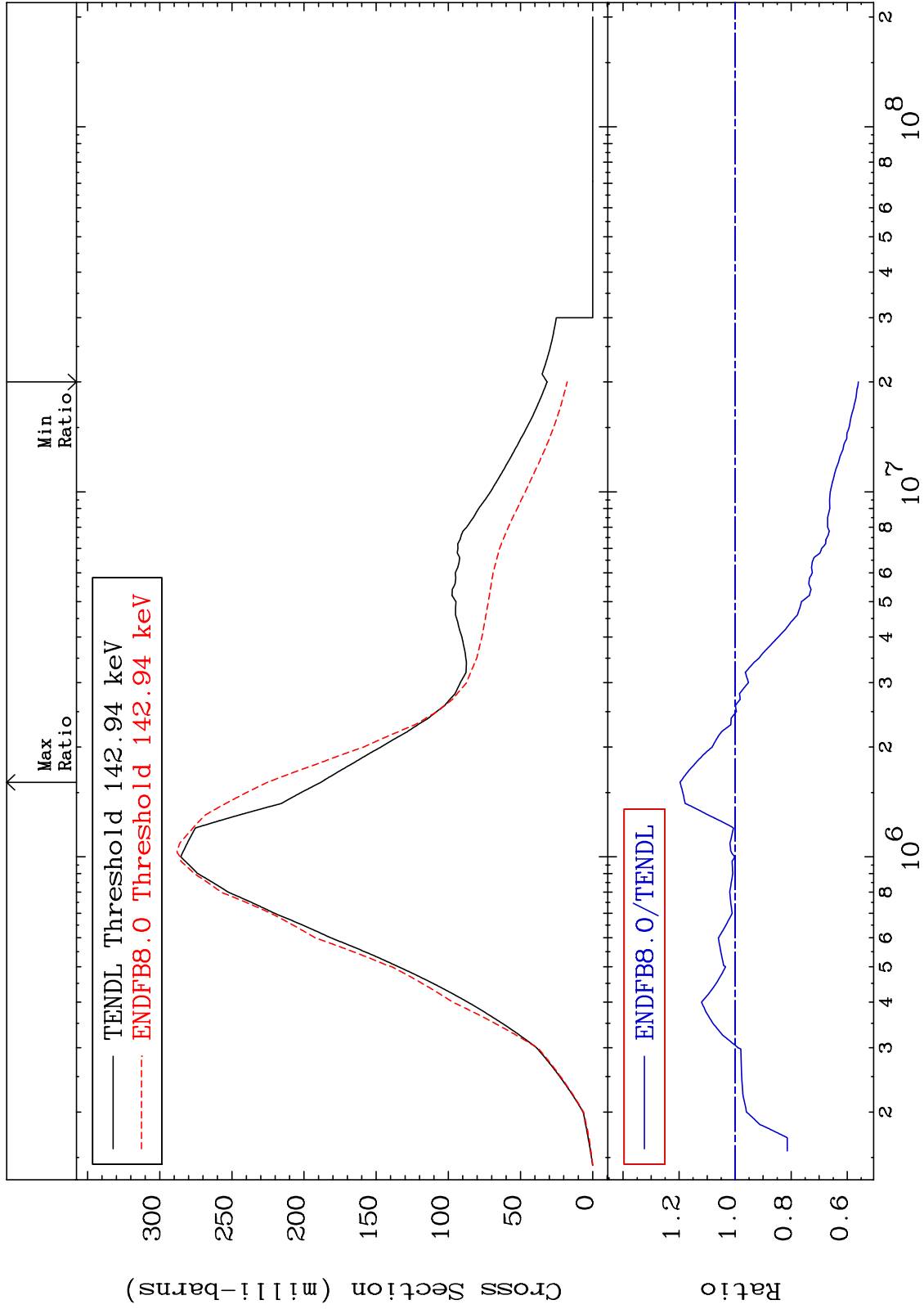
96-Cm-244
-1.758 To 40.93 %



MAT 9637

MT= 52 (n,n') Level
Cross Section

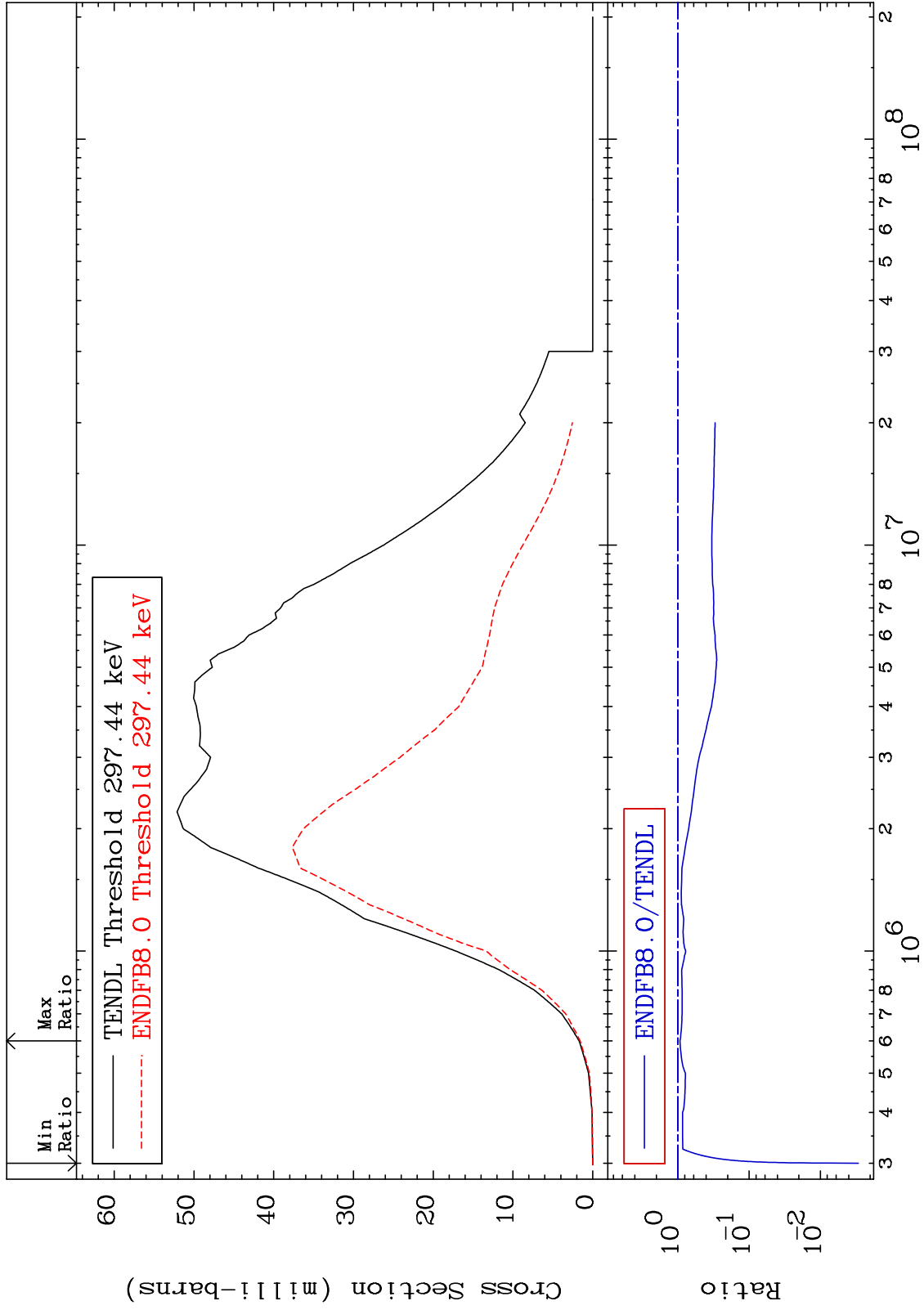
96-Cm-244
-44.01 To 19.69 %



MAT 9637

MT= 53 (n,n') Level
Cross Section

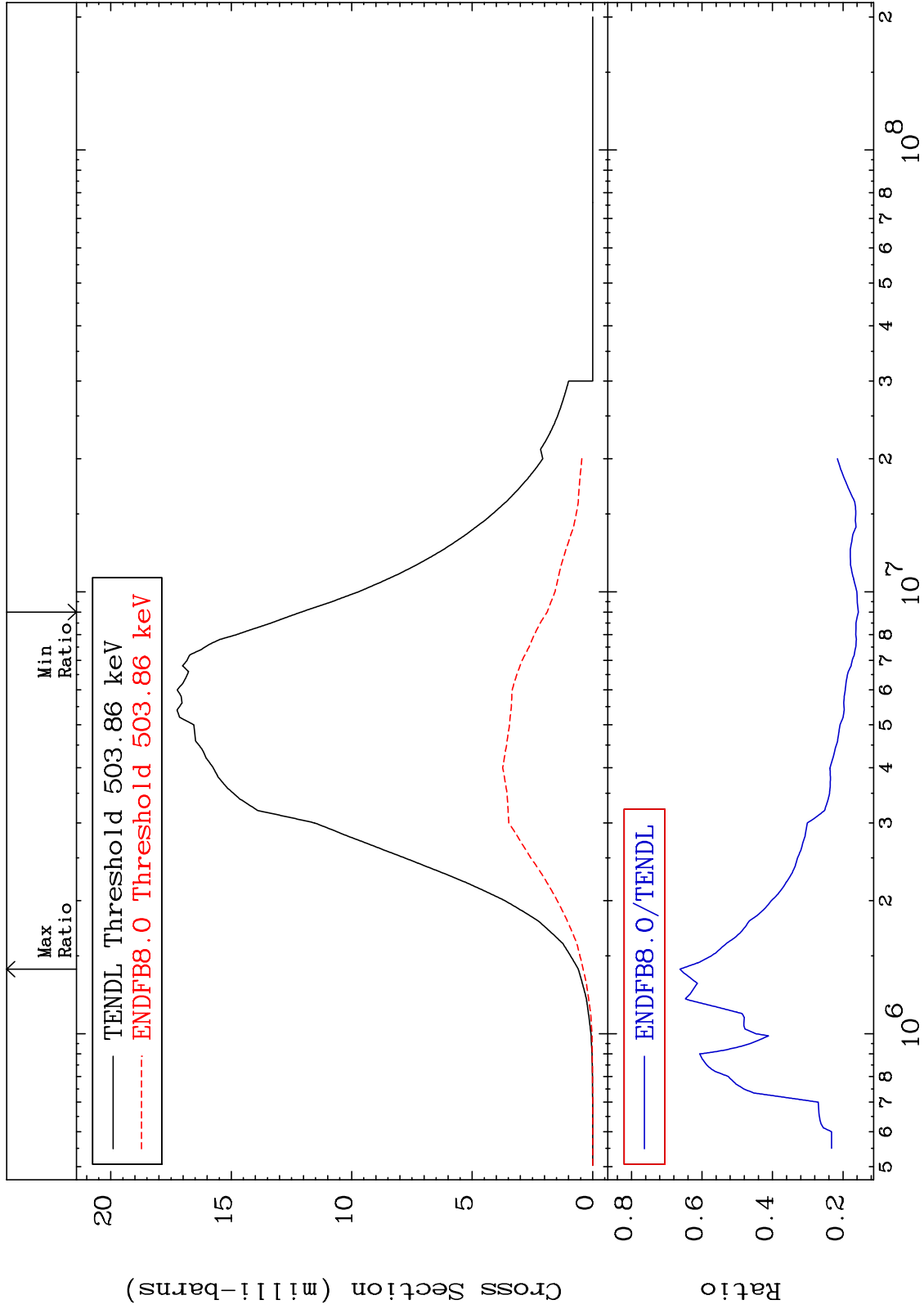
96-Cm-244
-99.71 To -6.869%



MAT 9637

MT= 54 (n,n') Level
Cross Section

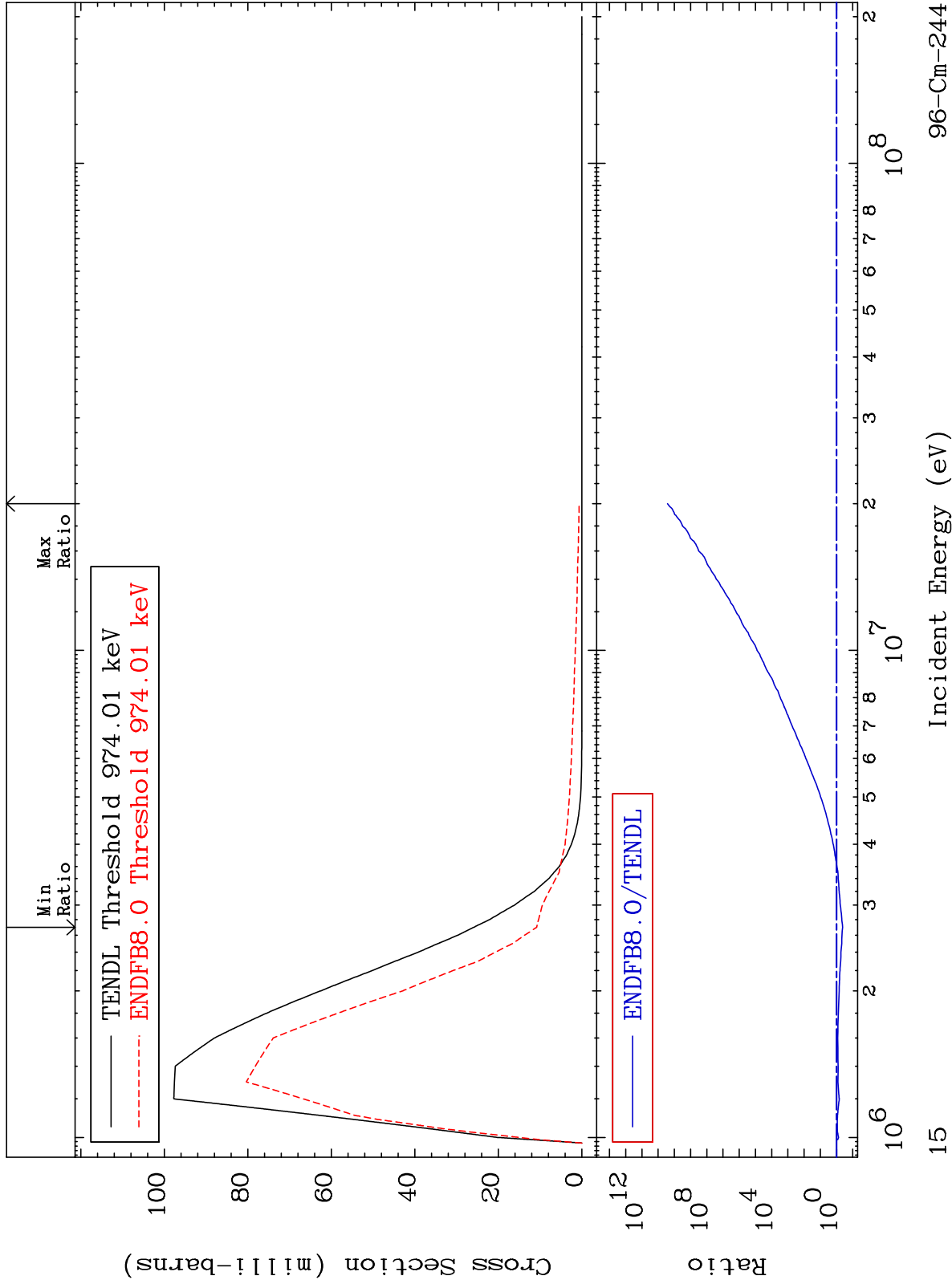
96-Cm-244
-84.36 To -33.76%



MAT 9637

MT= 55 (n,n') Level
Cross Section

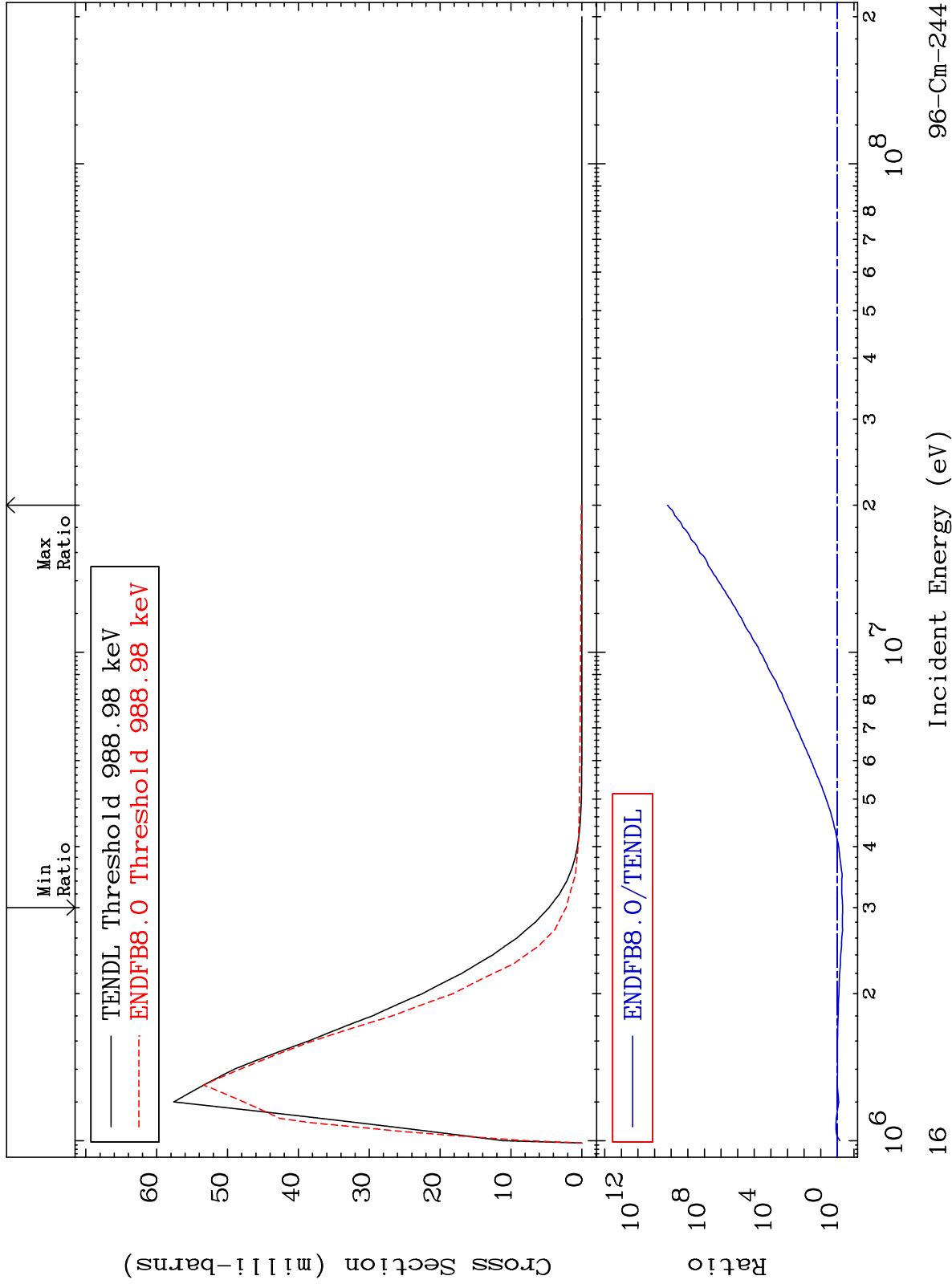
96-Cm-244
-58.21 To 9999. %



MAT 9637

MT= 56 (n,n') Level
Cross Section

96-Cm-244
-52.07 To 9999. %



96-Cm-244

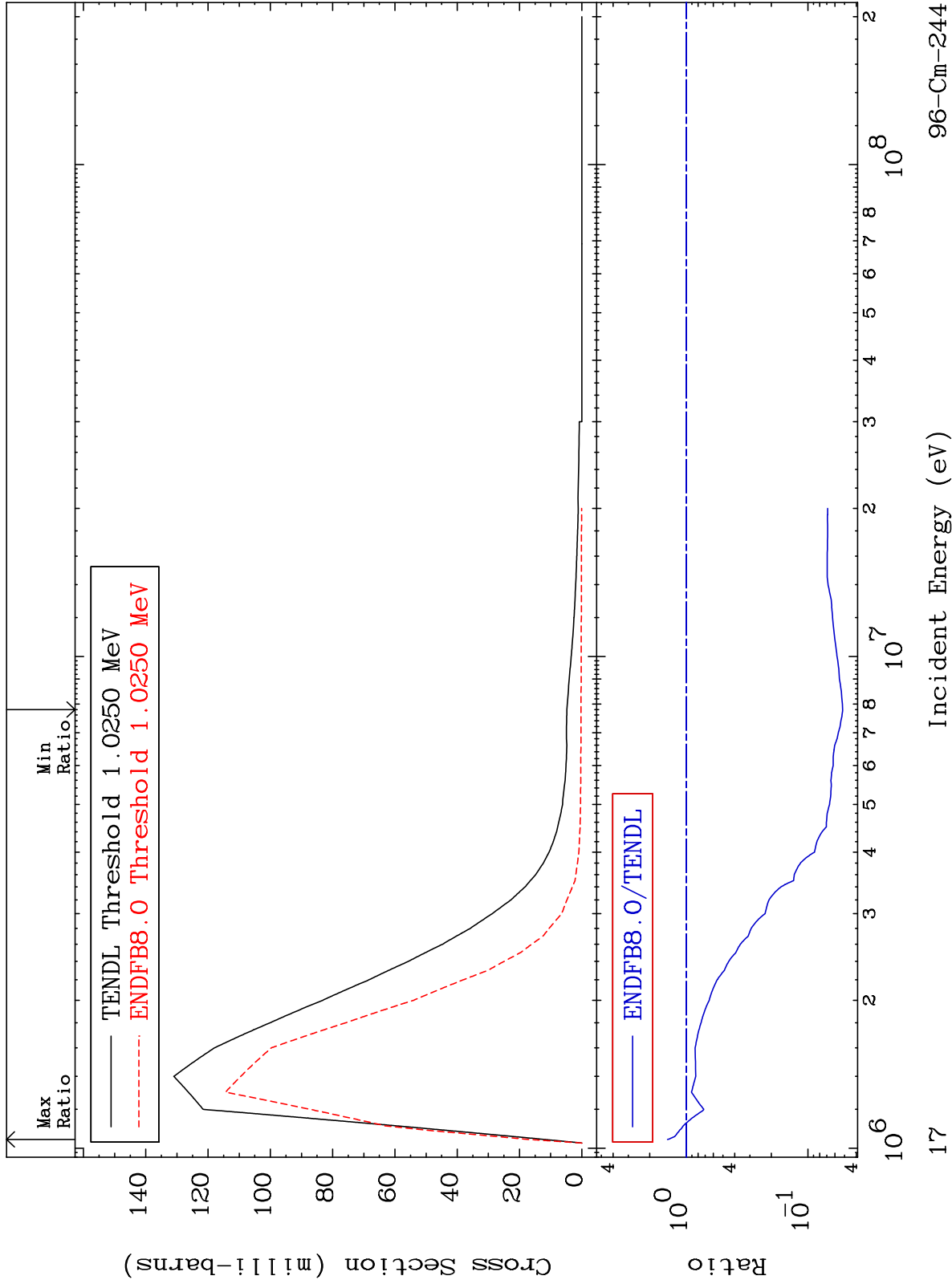
Incident Energy (eV)

16

MAT 9637

MT= 57 (n,n') Level
Cross Section

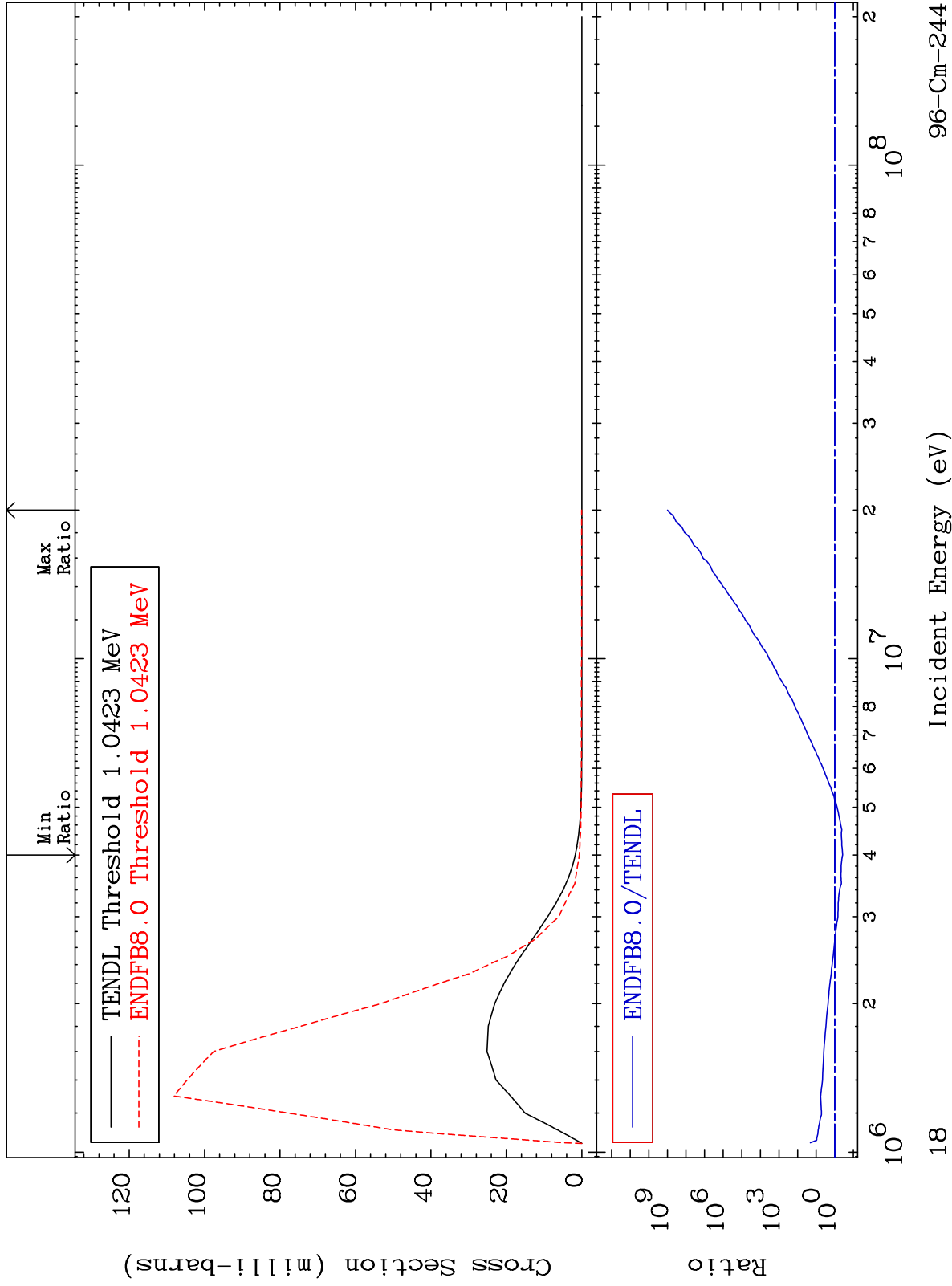
96-Cm-244
-94.81 To 42.52 %



MAT 9637

MT= 58 (n, n') Level
Cross Section

96-Cm-244
-62.47 To 9999. %



96-Cm-244

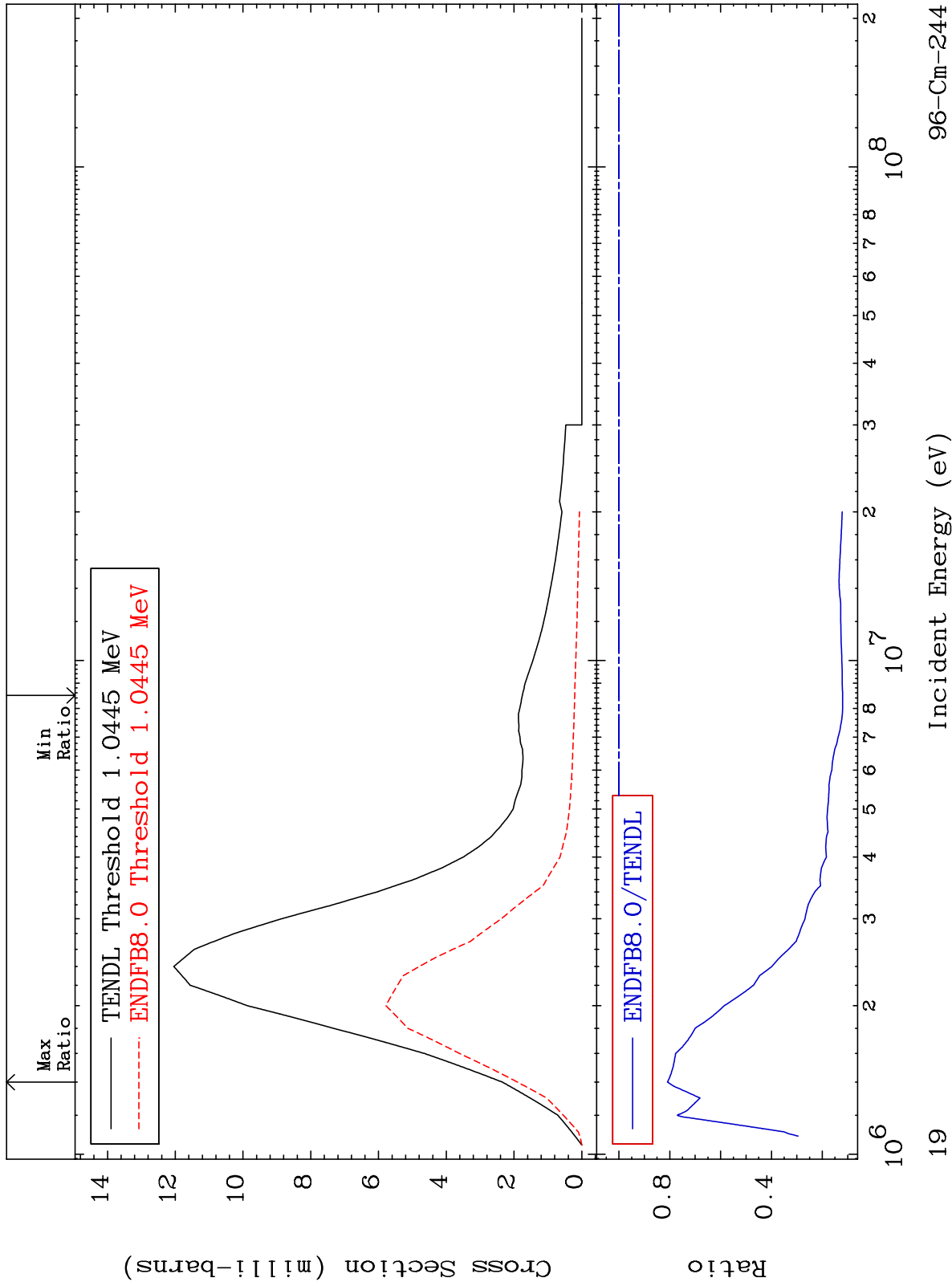
Incident Energy (eV)

18

MAT 9637

MT= 59 (n,n') Level
Cross Section

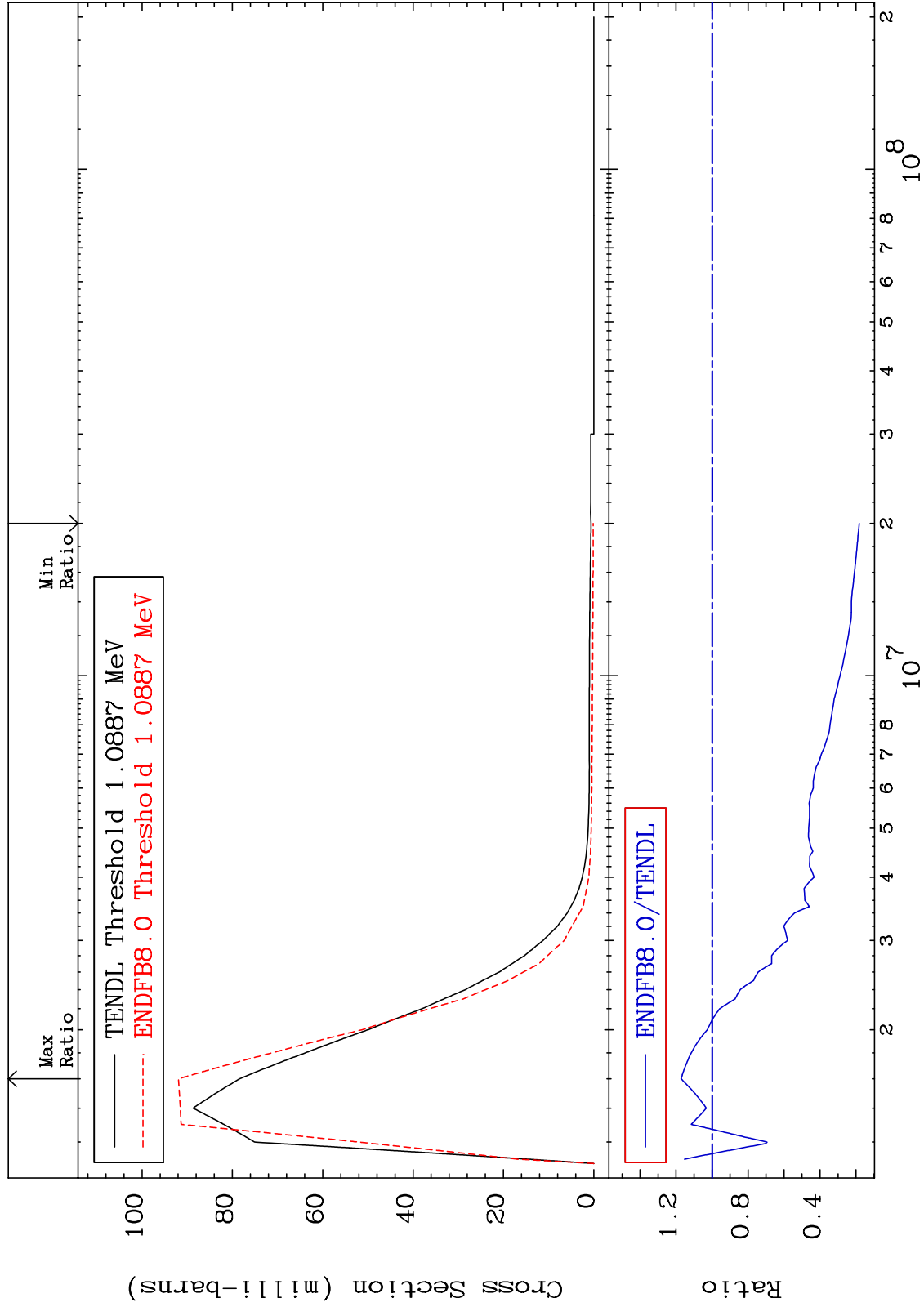
96-Cm-244
-88.01 To -19.12%



MAT 9637

MT= 60 (n,n') Level
Cross Section

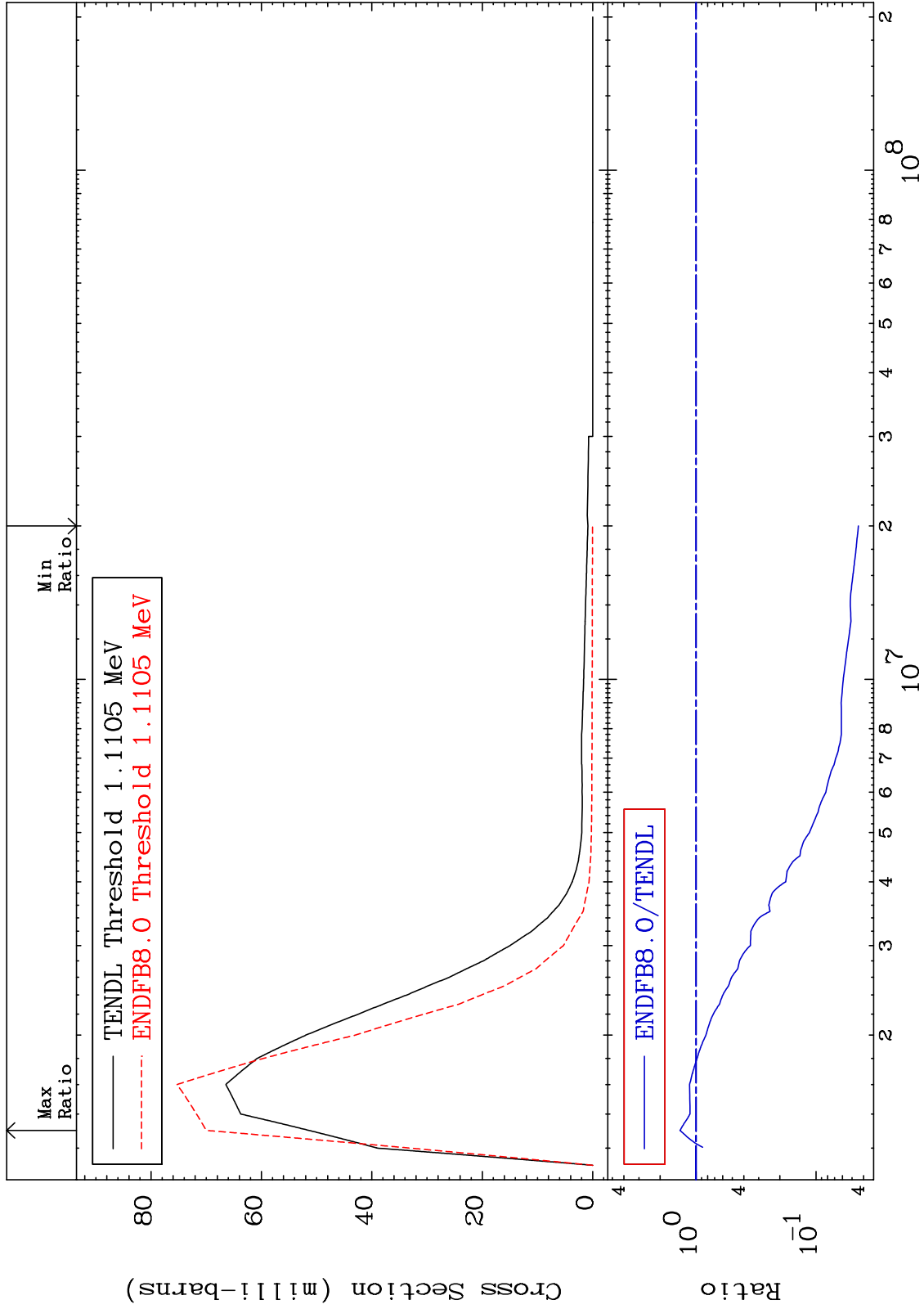
96-Cm-244
-81.84 To 17.23 %



MAT 9637

MT= 61 (n,n') Level
Cross Section

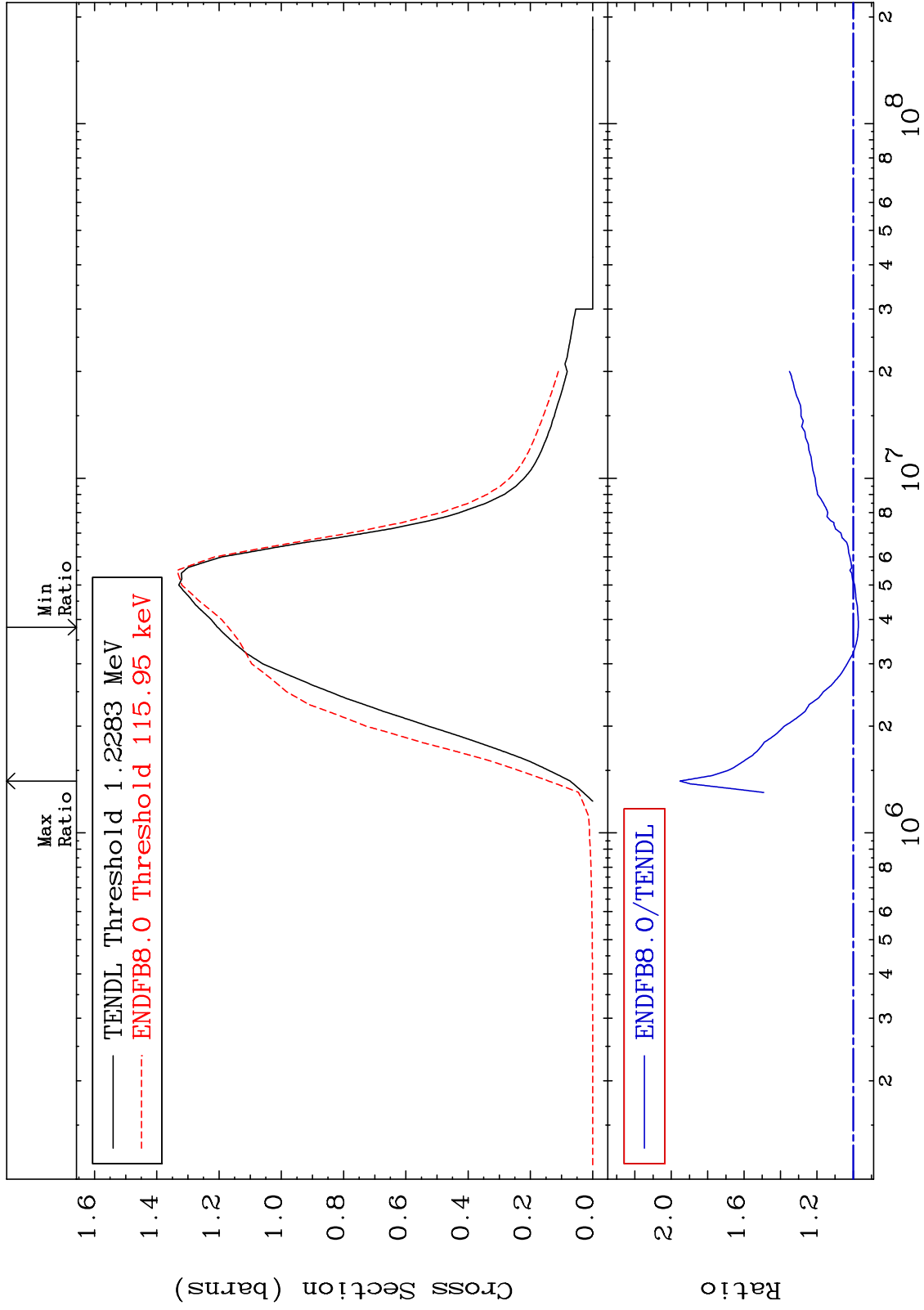
96-Cm-244
-95.58 To 36.26 %



MAT 9637

(n,n') Continuum
Cross Section

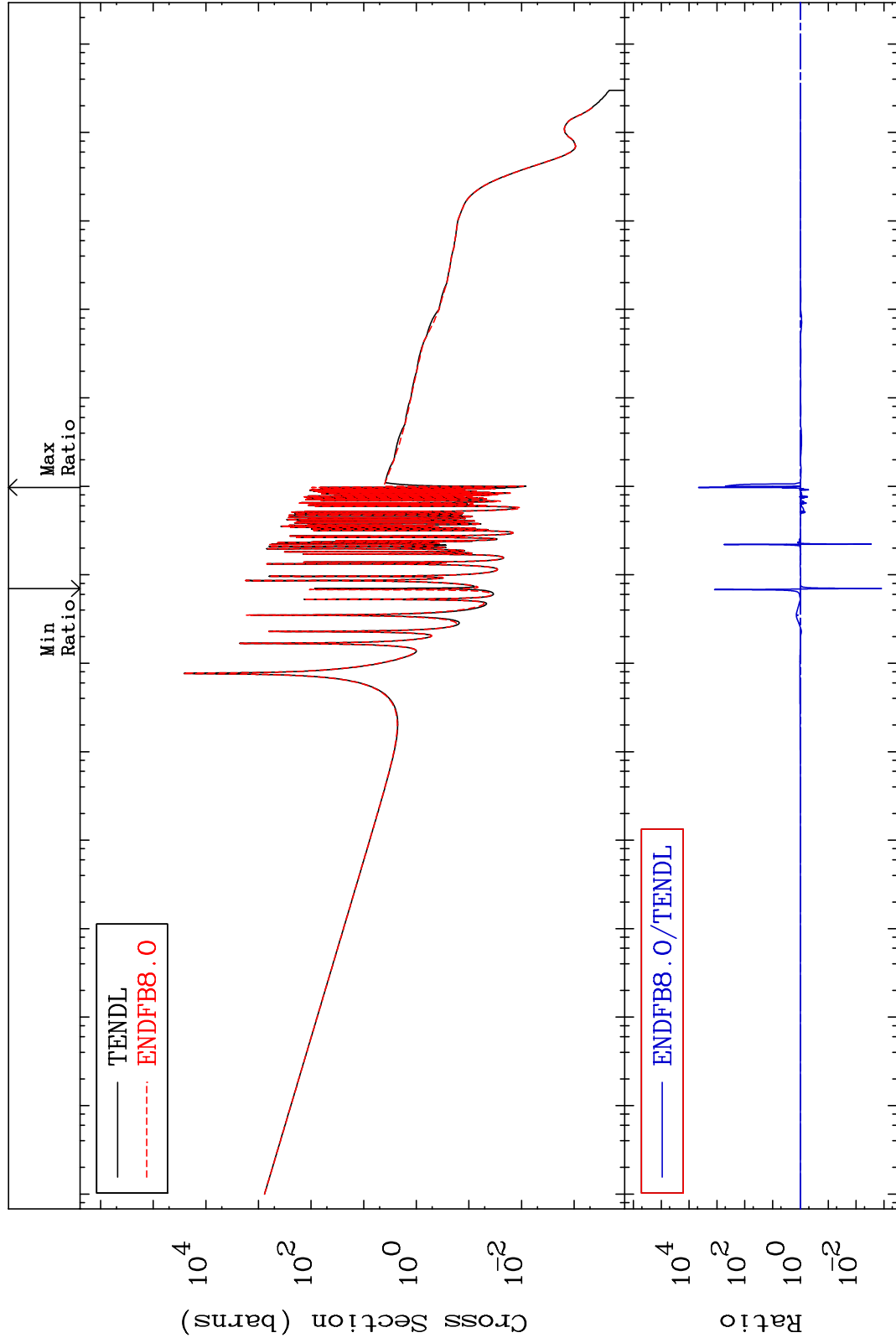
96-Cm-244
-2.835 To 95.20 %



MAT 9637

(n, γ)
Cross Section

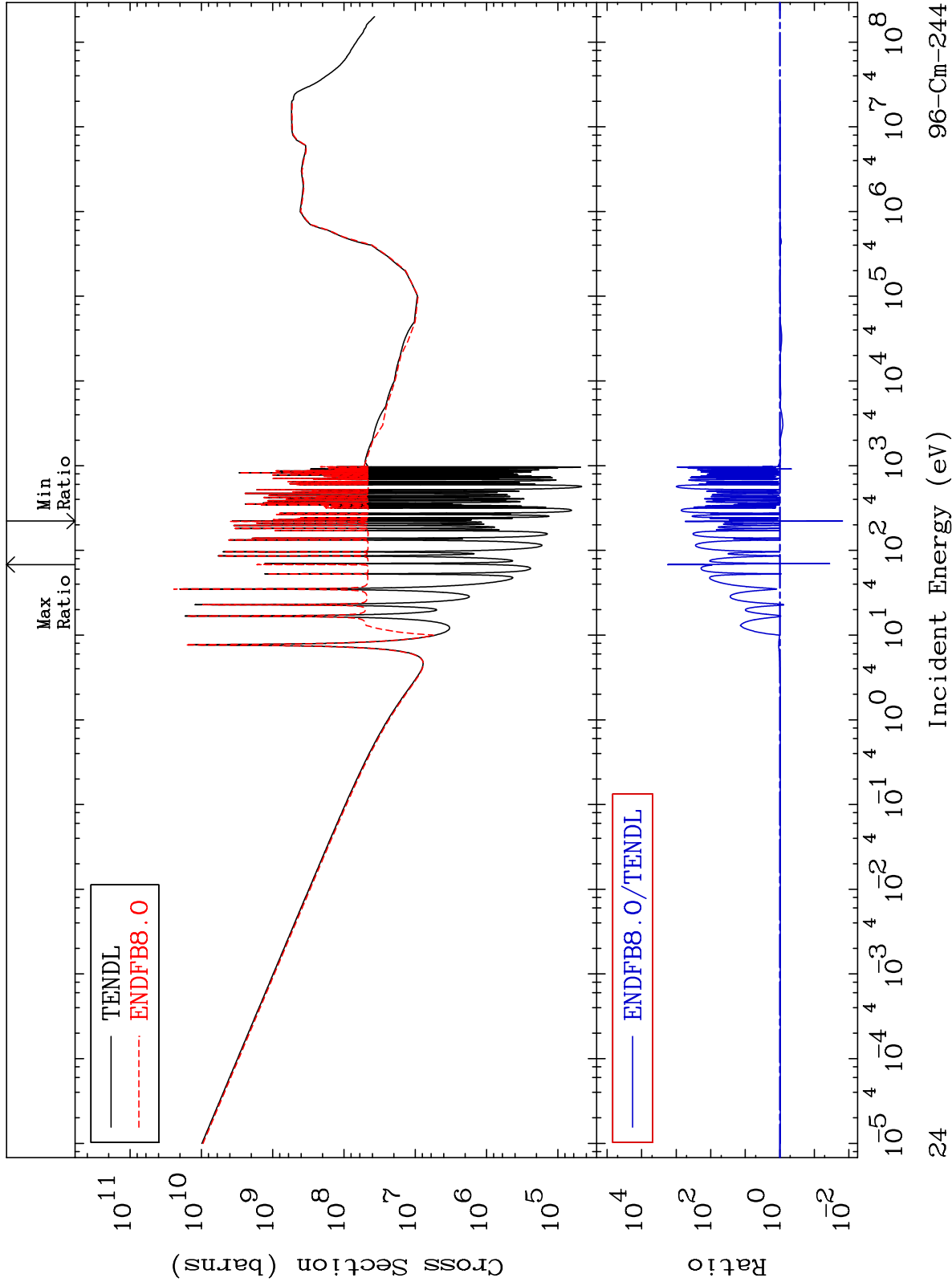
96-Cm-244
-99.88 To 9999. %



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Kerma total (eV-barns)
Cross Section

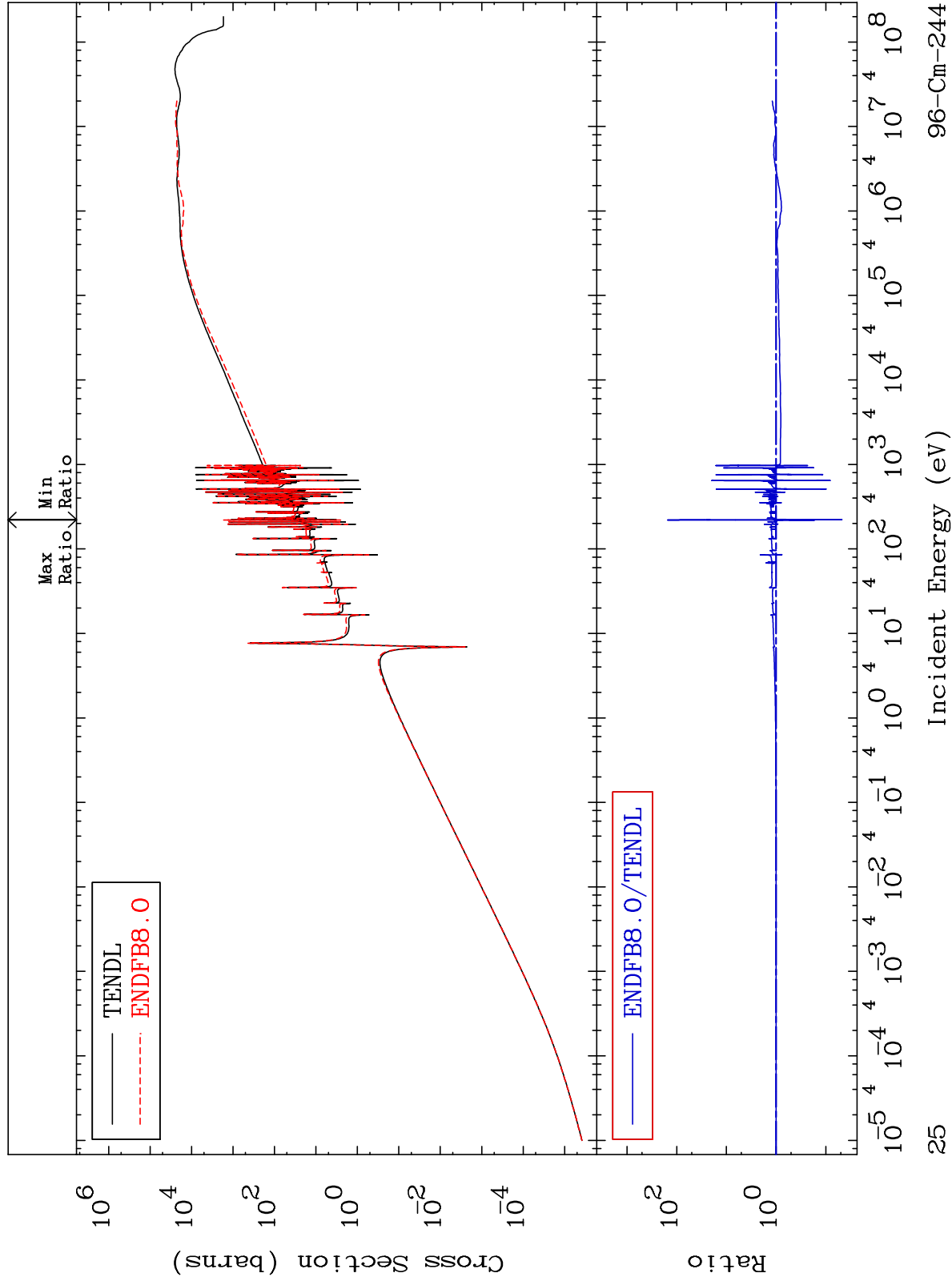
96-Cm-244
-98.49 To 9999. %



MAT 9637

Kerma elastic
Cross Section

96-Cm-244
-95.31 To 9999. %



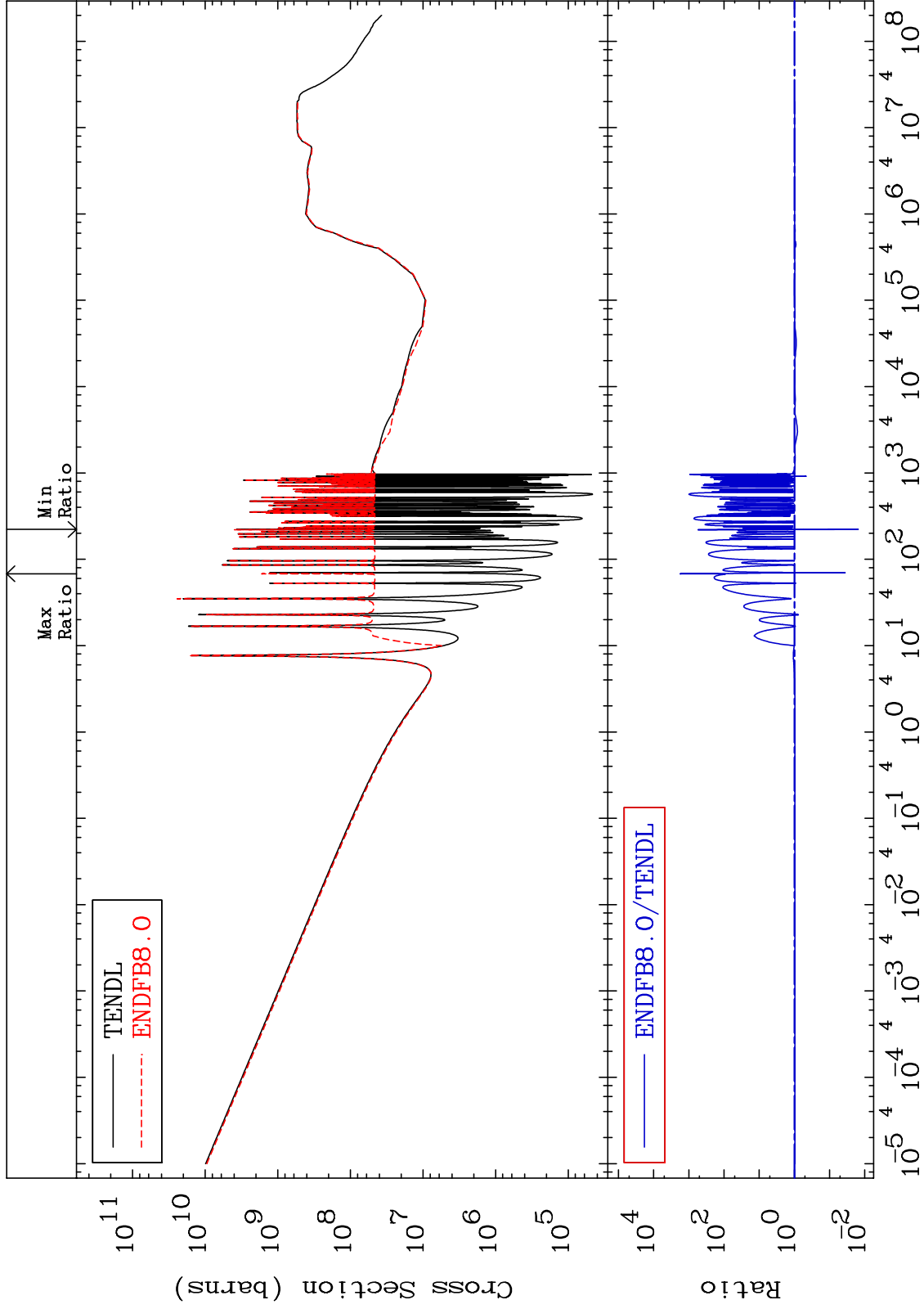
25

96-Cm-244

MAT 9637

Kerma non-elastic (all but mt2)
Cross Section

96-Cm-244
-98.49 To 9999. %



26

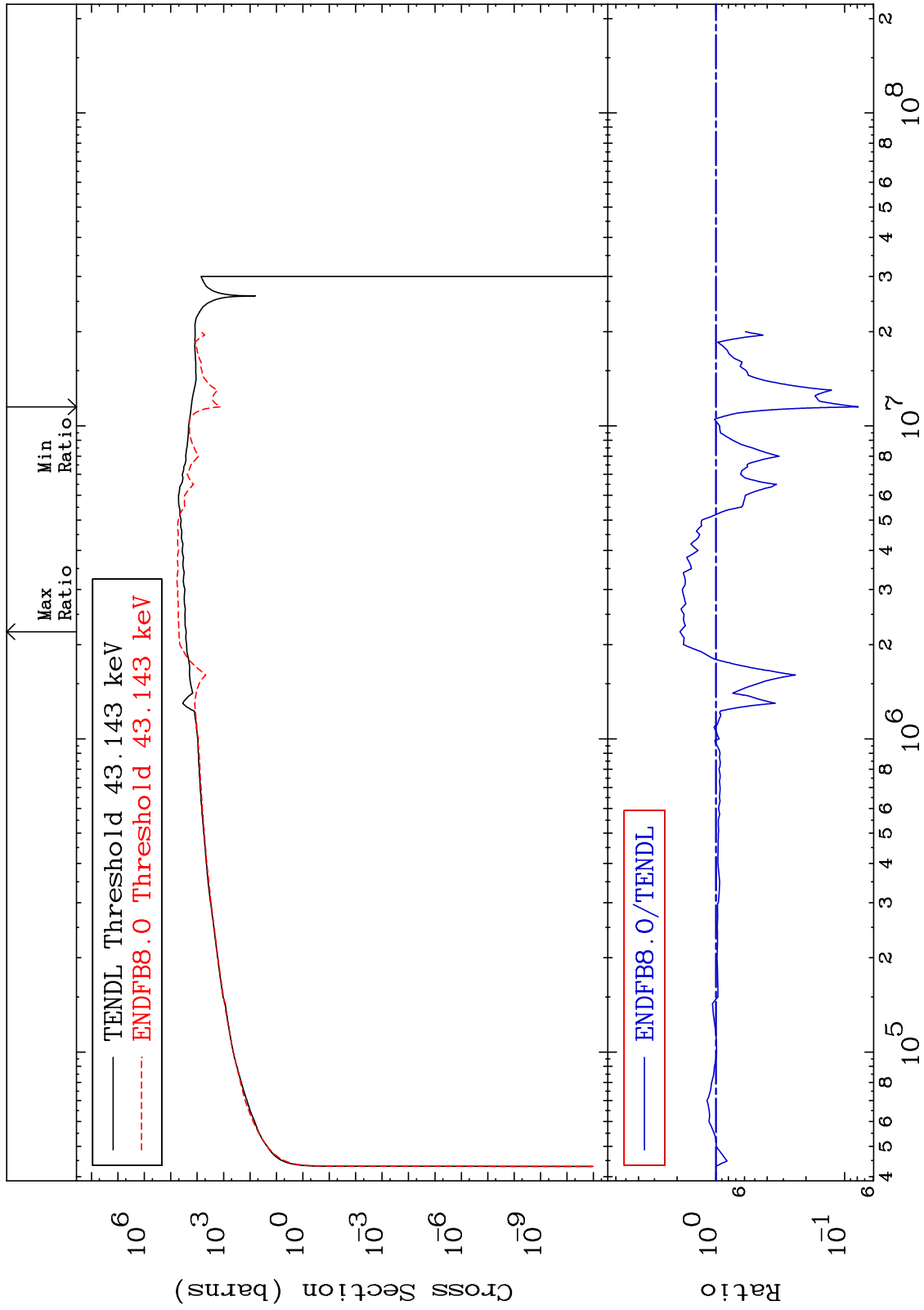
Incident Energy (eV)

96-Cm-244

MAT 9637

Kerma inelastic (mt51-91)
Cross Section

96-Cm-244
-92.17 To 90.08 %



27

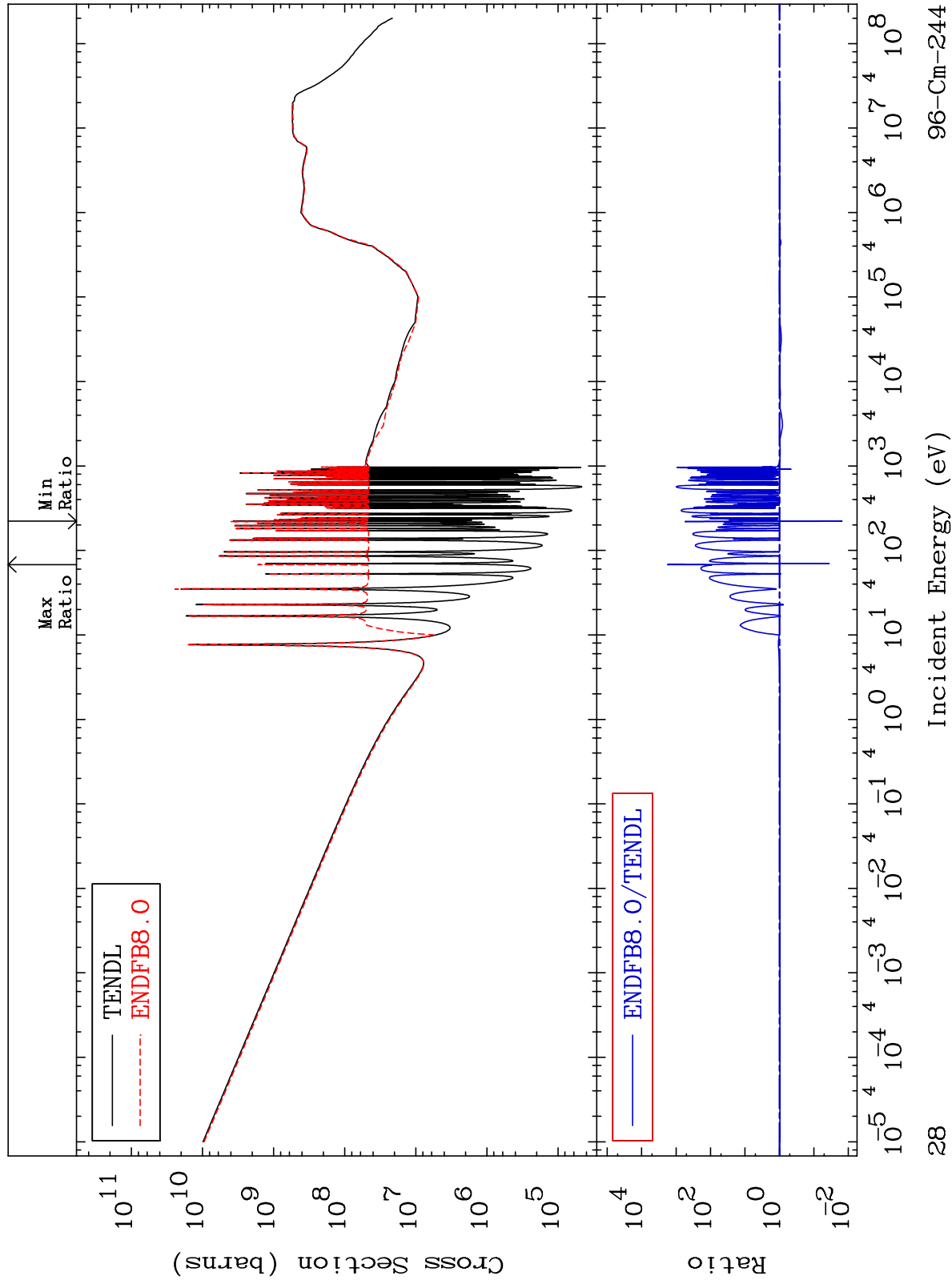
Incident Energy (eV)

96-Cm-244

MAT 9637

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

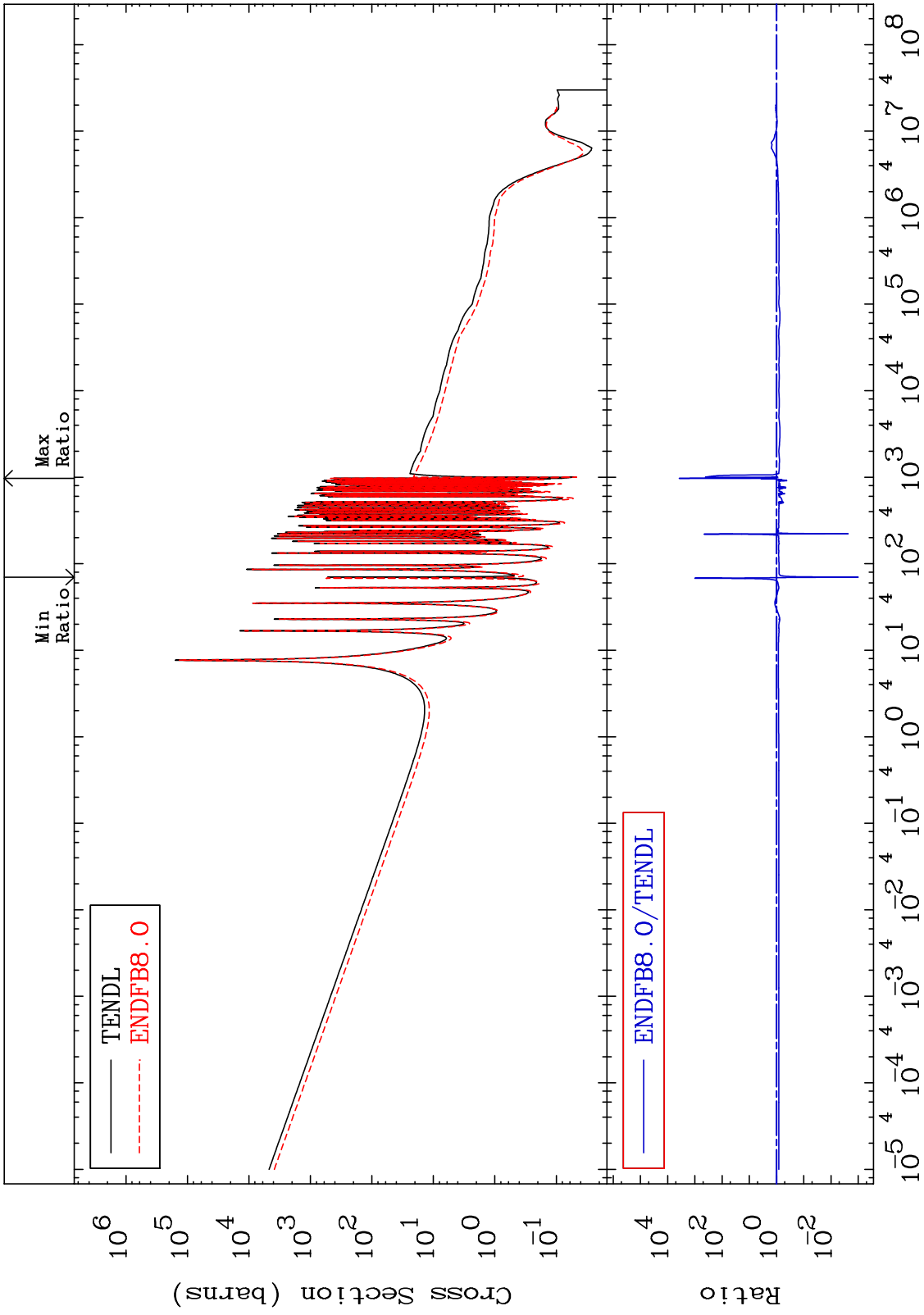
96-Cm-244
-98.49 To 9999. %



MAT 9637

Kerma capture (mt102)
Cross Section

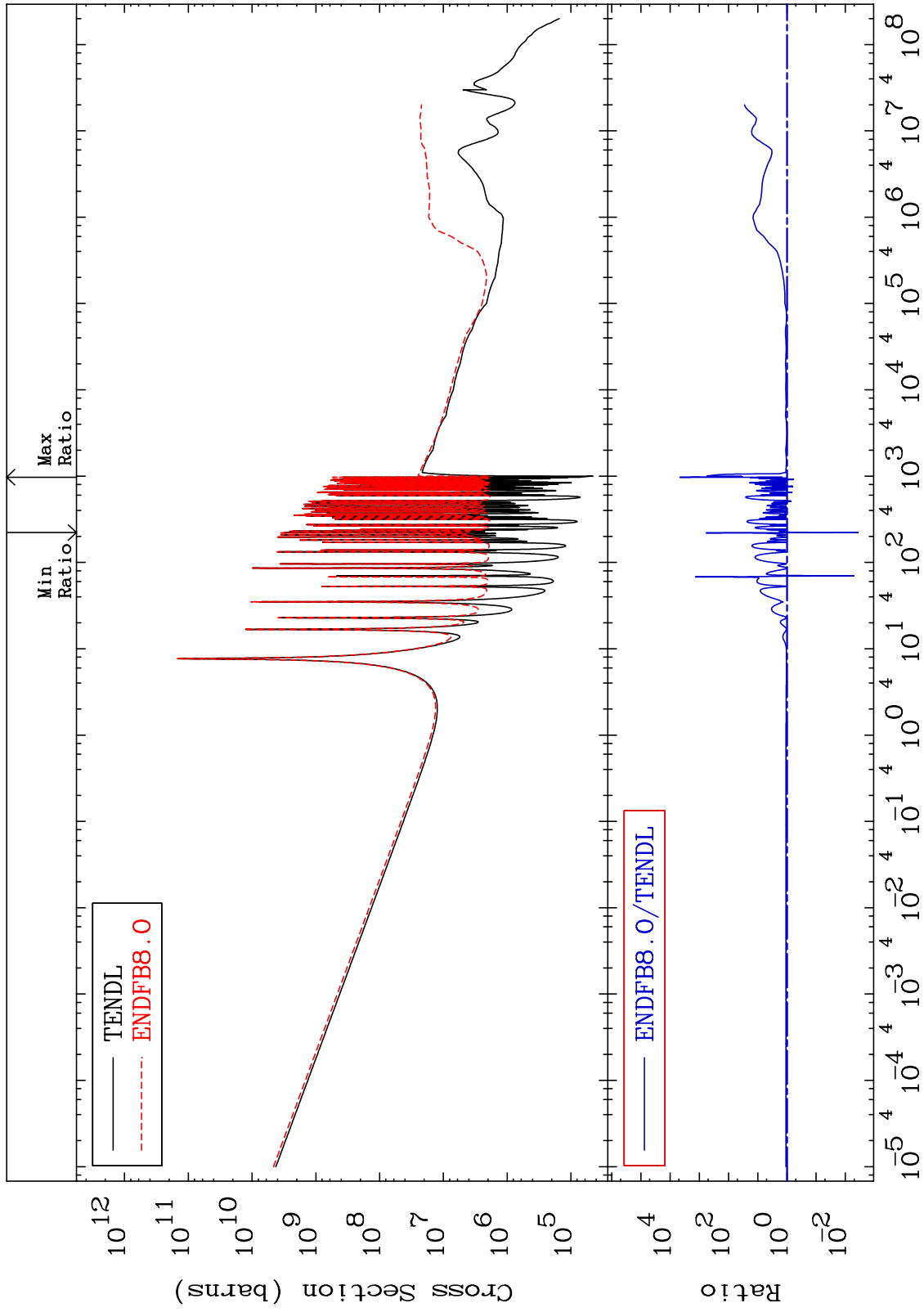
96-Cm-244
-99.90 To 9999. %



MAT 9637

Total photon (eV-barns)
Cross Section

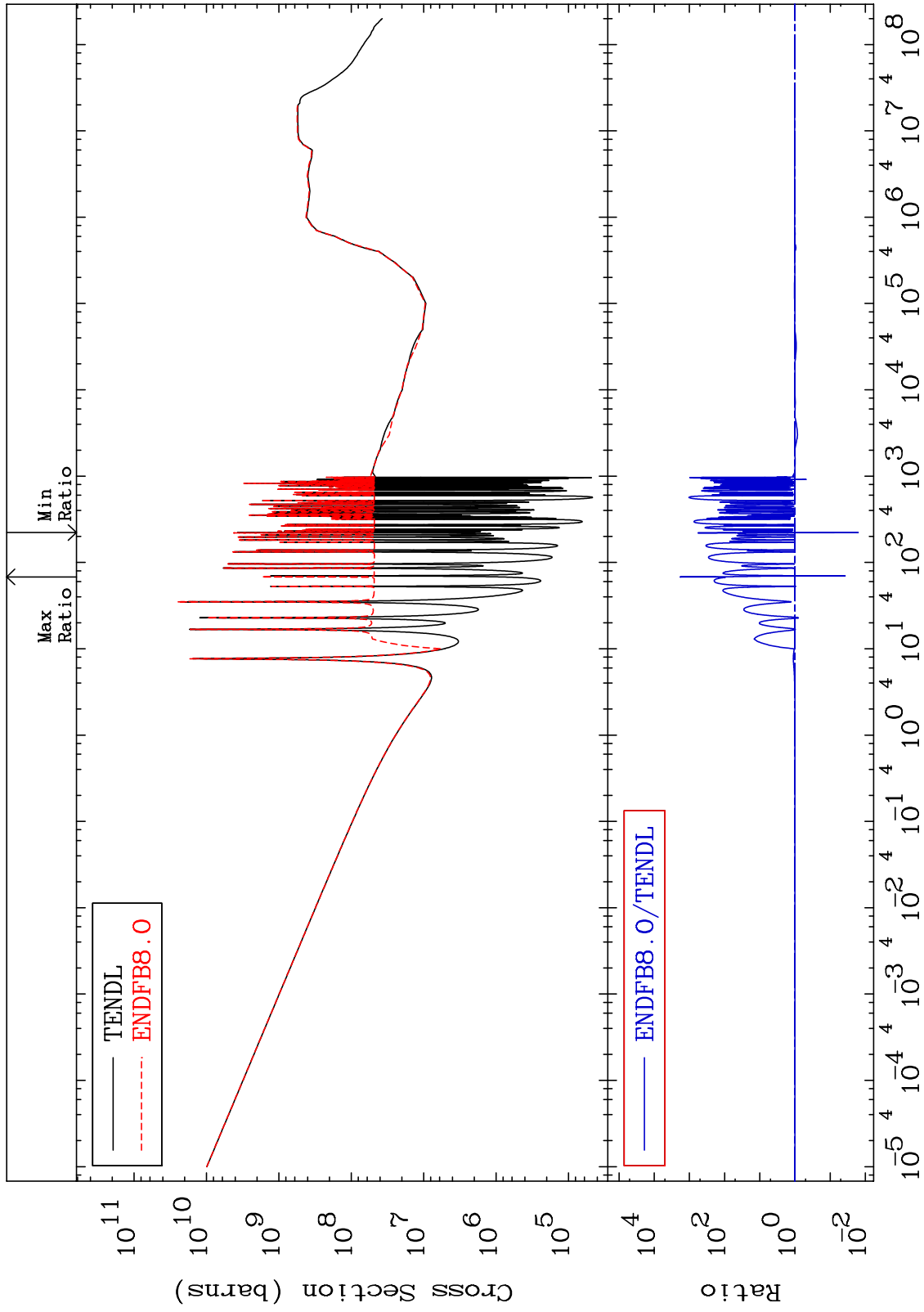
96-Cm-244
-99.64 To 9999. %



MAT 9637

Total kinematic kerma (high limit)
Cross Section

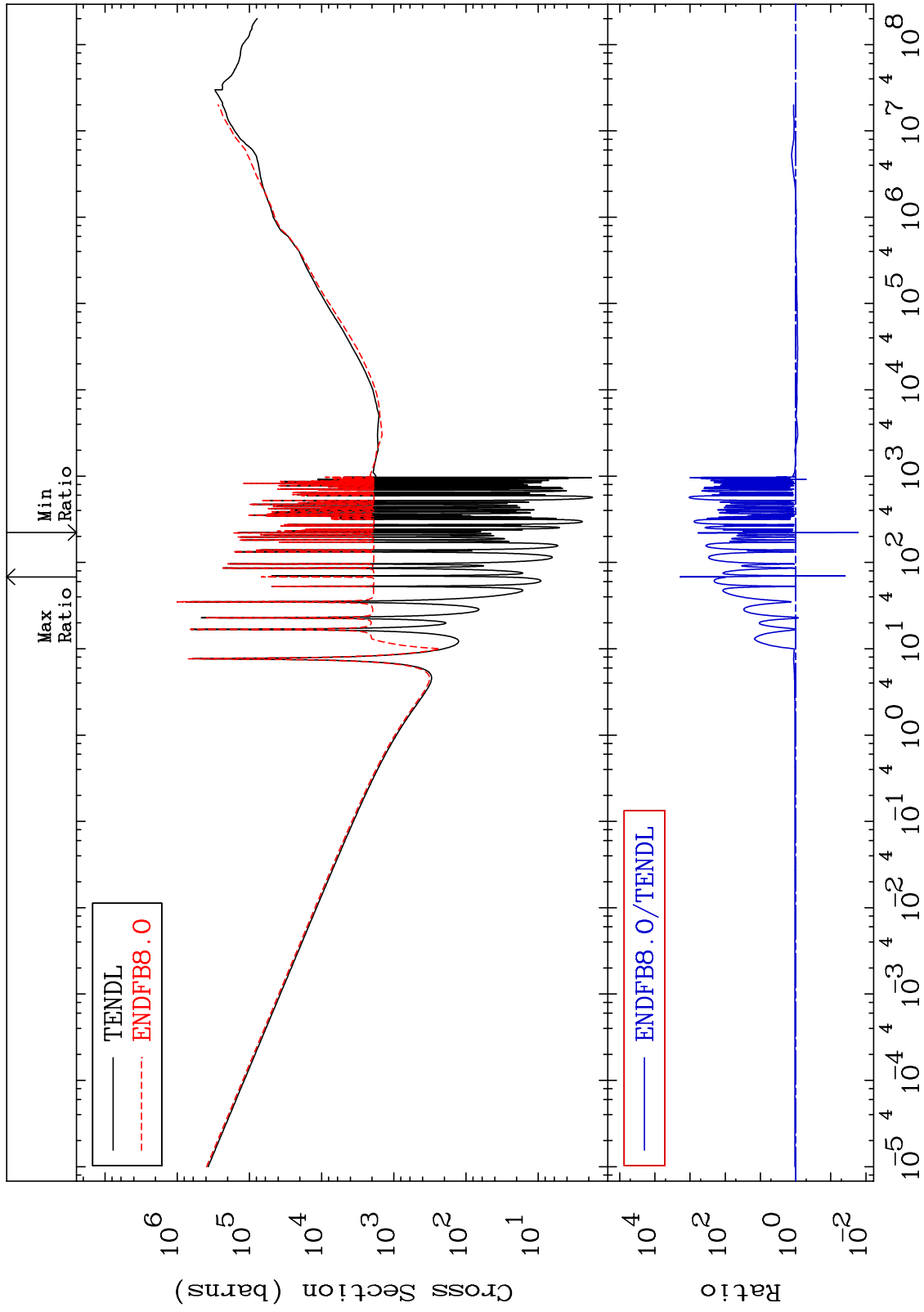
96-Cm-244
-98.43 To 9999. %



MAT 9637

Dpa total (eV-barns)
Cross Section

96-Cm-244
-98.36 To 9999. %

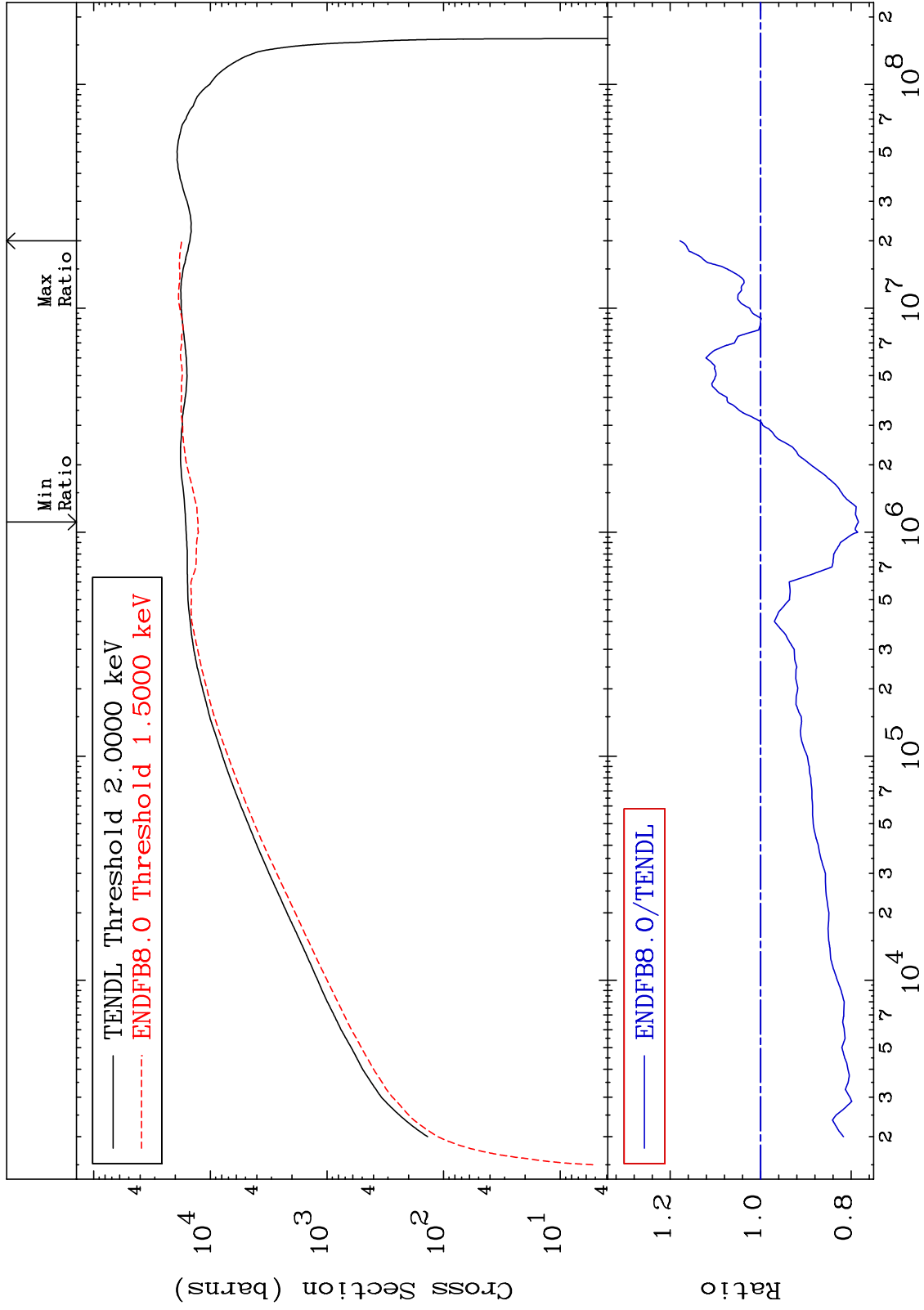


MAT 9637

Dpa elastic (mt2)
Cross Section

96-Cm-244

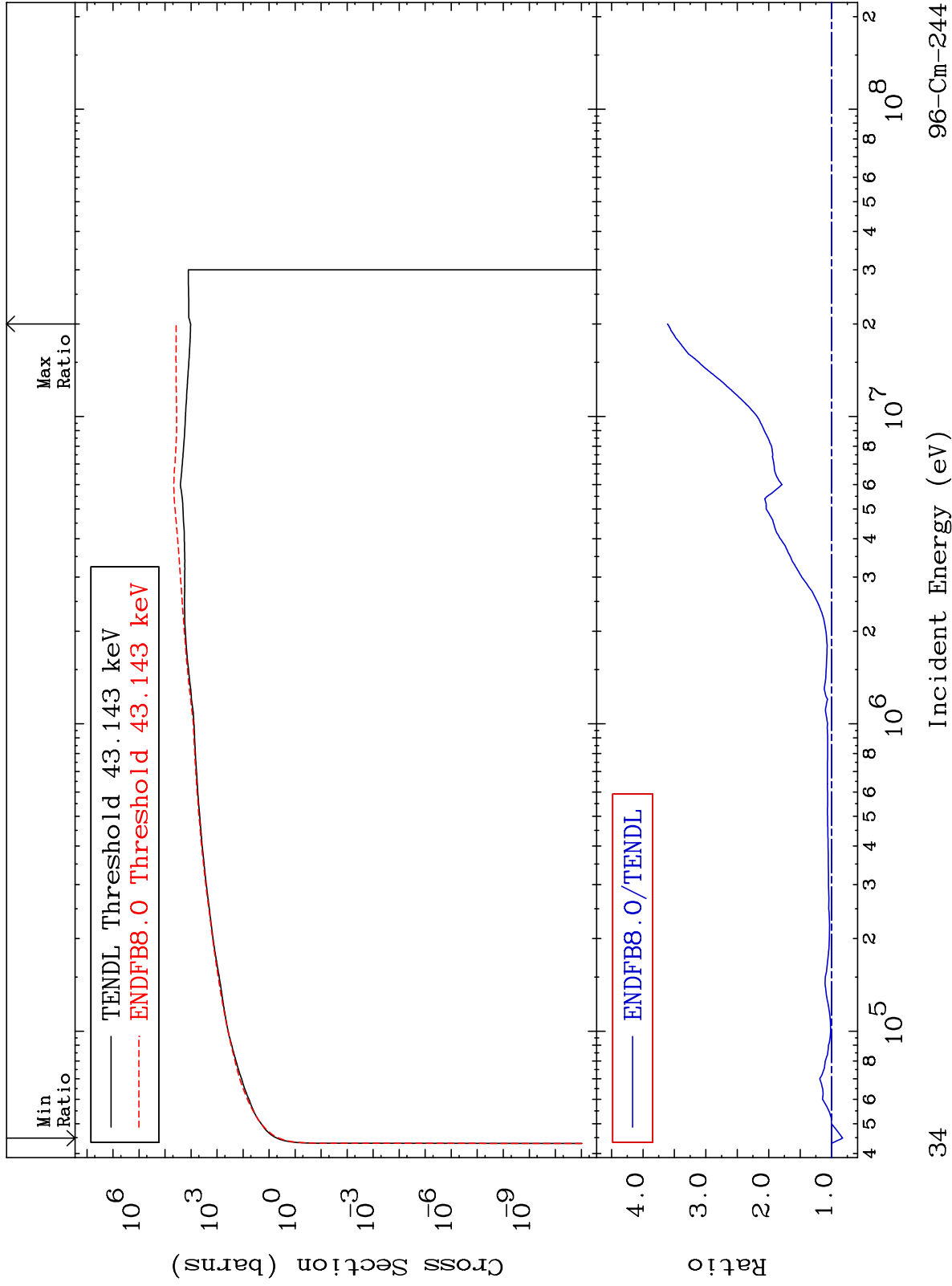
-21.62 To 17.84 %



MAT 9637

Dpa inelastic (mt51-91)
Cross Section

96-Cm-244
-17.64 To 260.9 %



MAT 9637

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-244
-100.0 To 9999. %

