

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

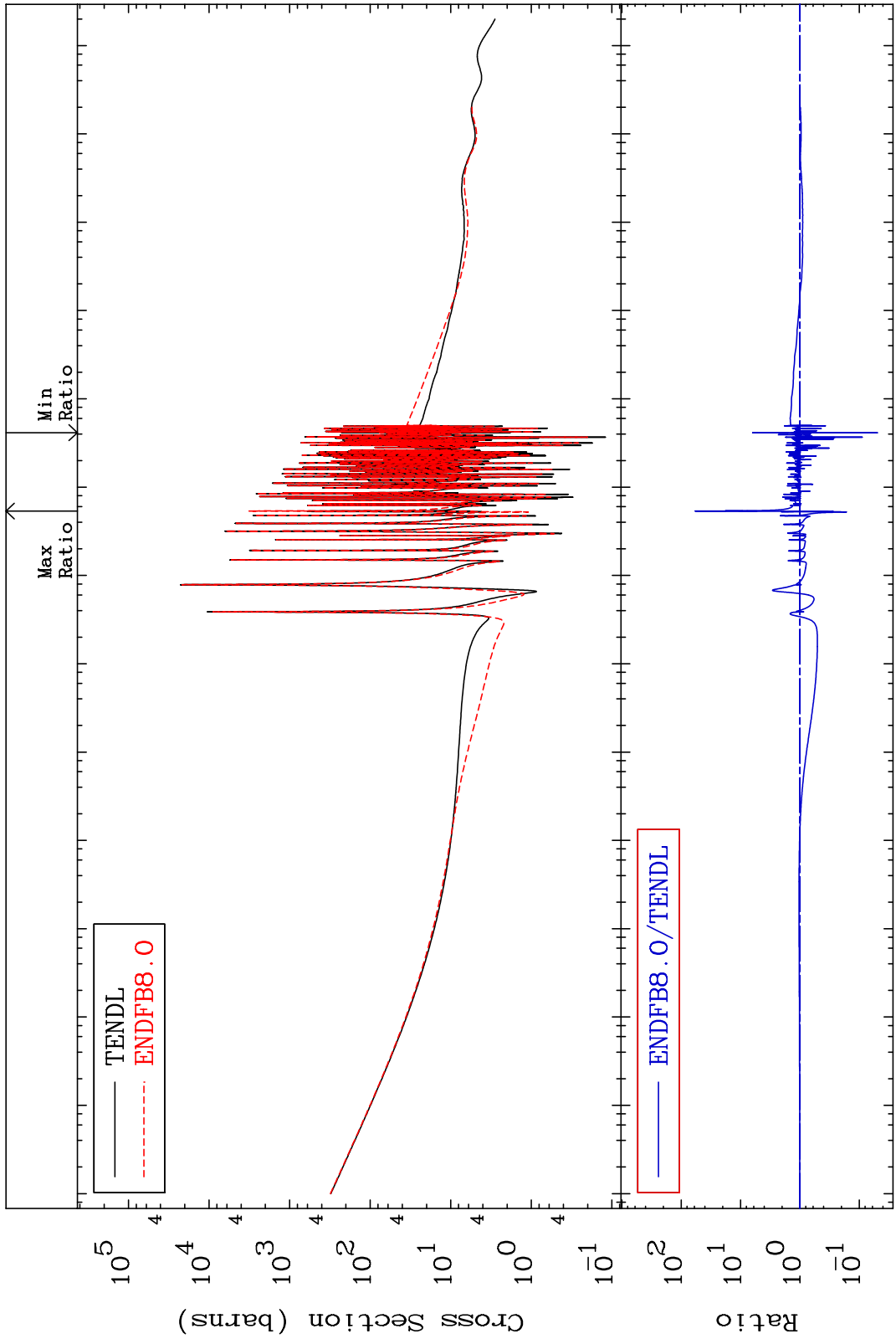
MAT 7637

Total

76-0s-188

Cross Section

-95.03 To 5780. %



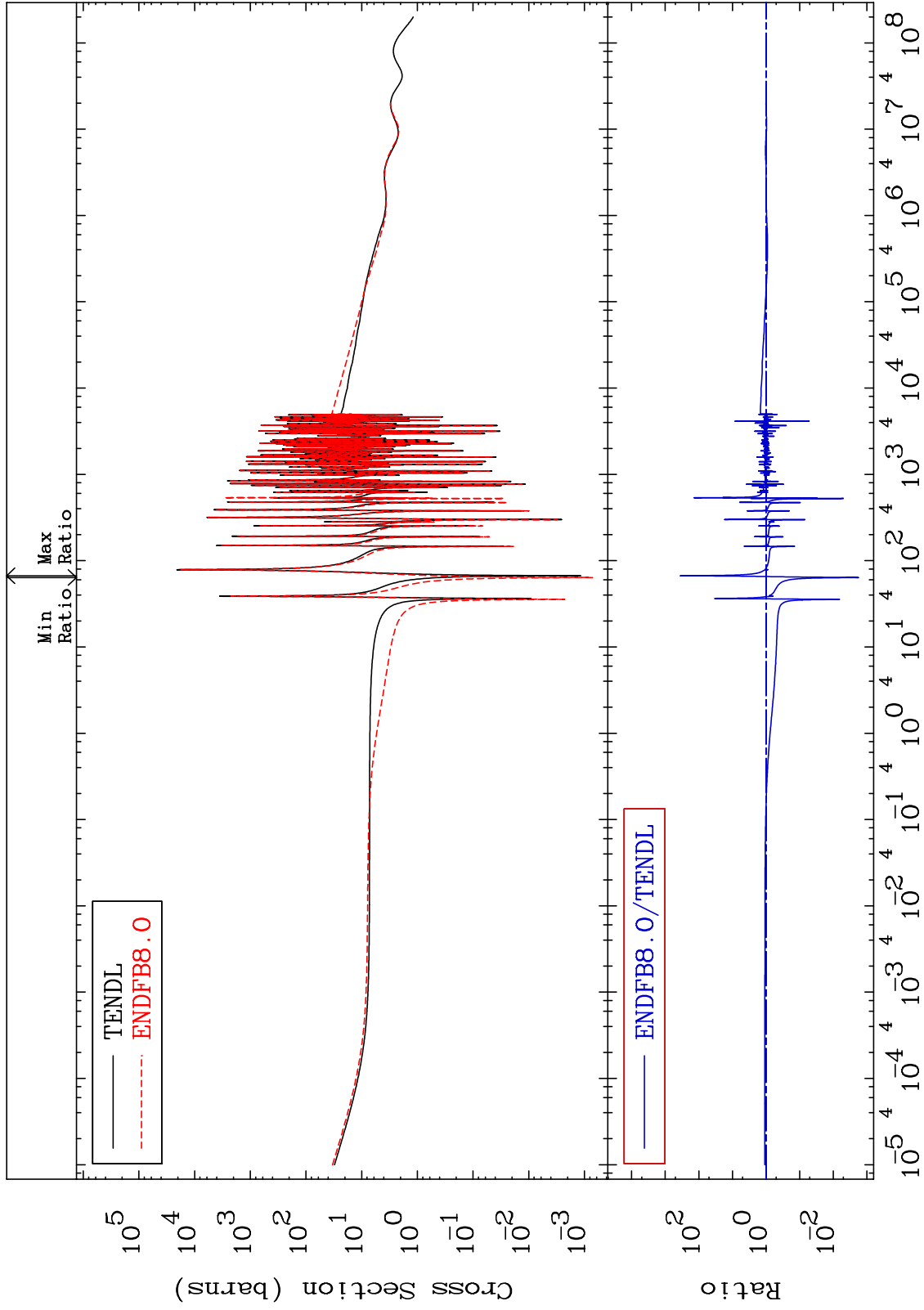
Incident Energy (eV)

76-0s-188

MAT 7637

Elastic
Cross Section

76-0s-188
-99.82 To 9999. %



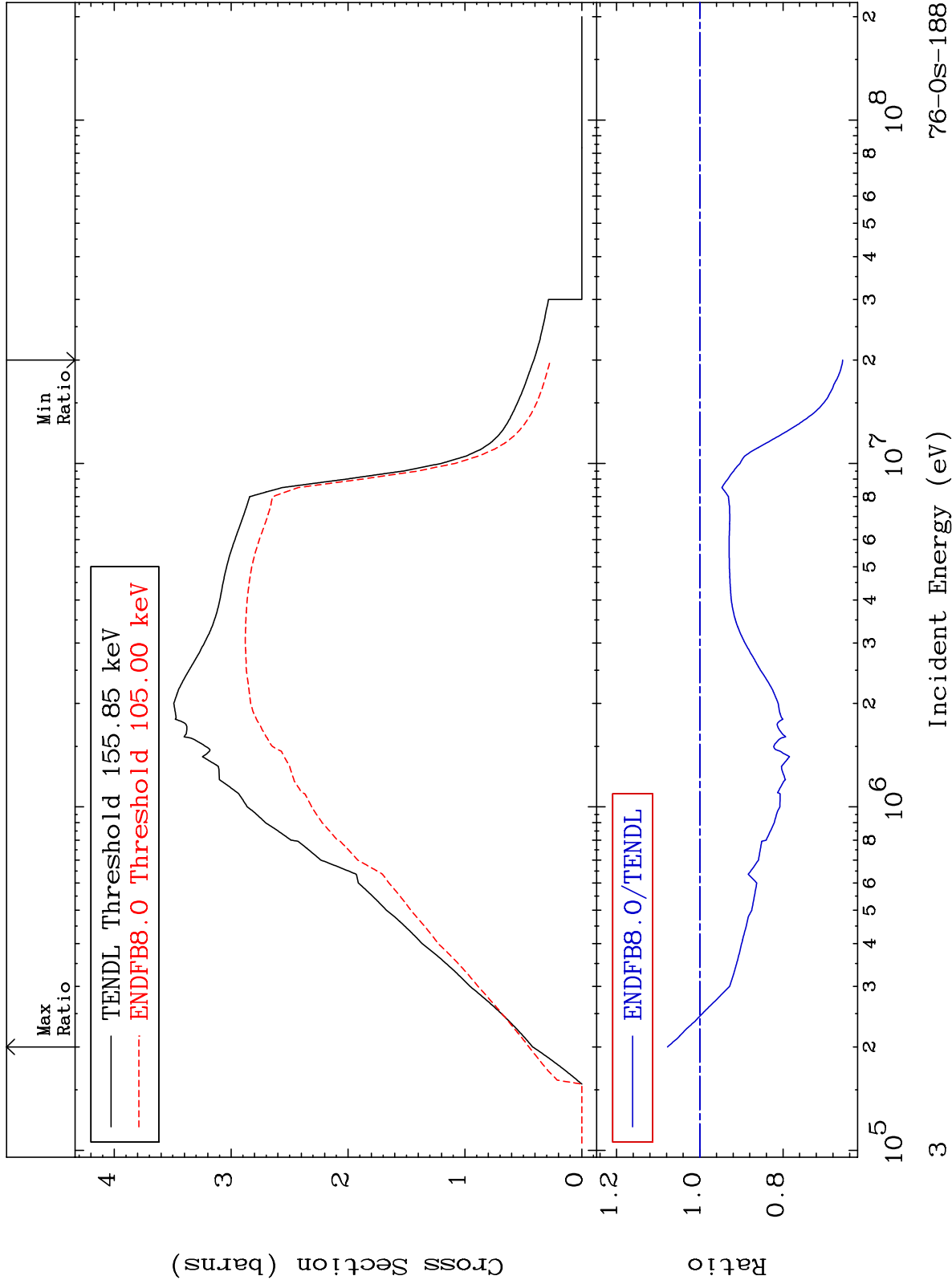
MAT 7637

Inelastic

Cross Section

76-0s-188

-34.33 To 7.754 %



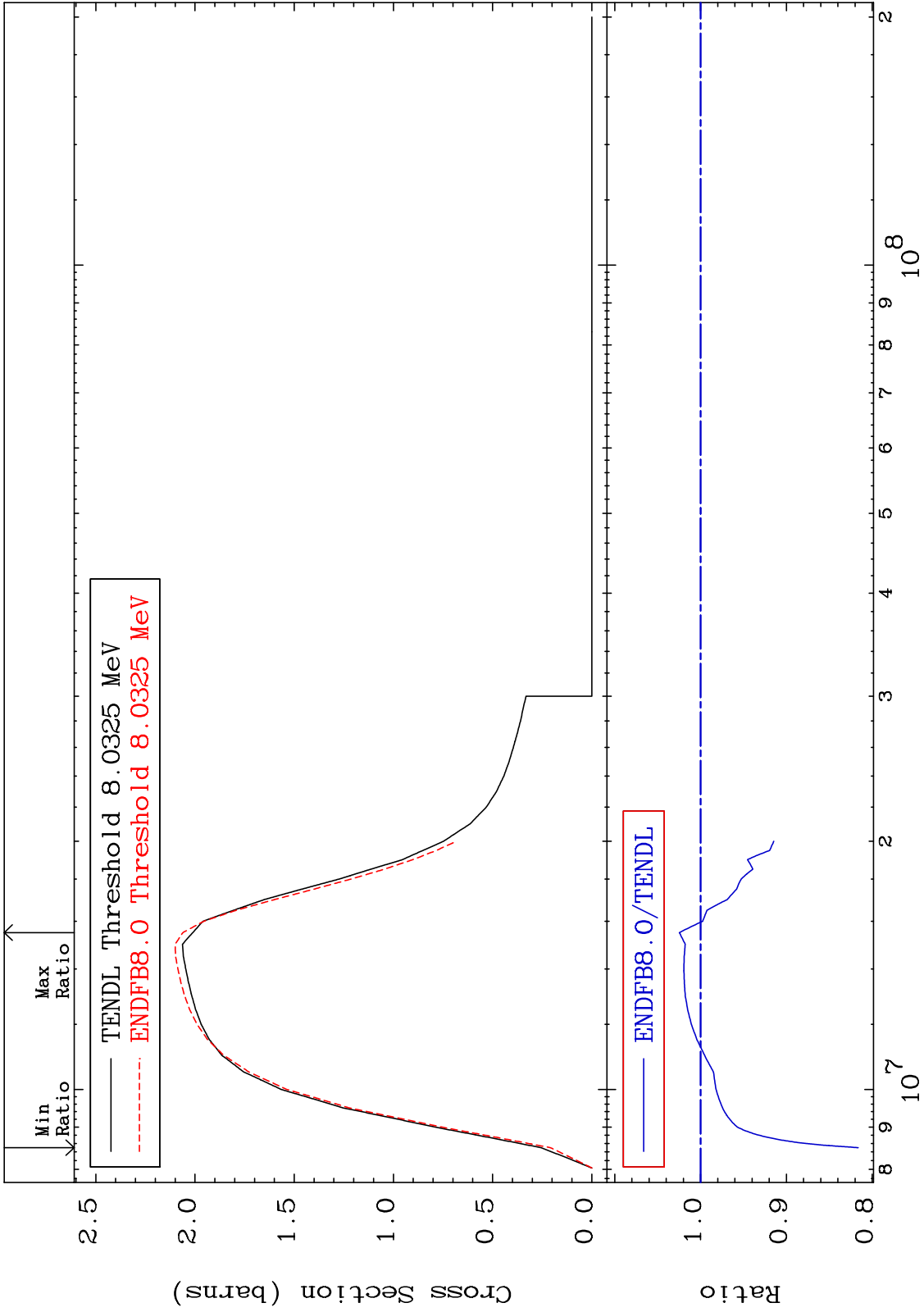
MAT 7637

(n,2n)

76-0s-188

Cross Section

-18.37 To 2.471 %



4

Incident Energy (eV)

76-0s-188

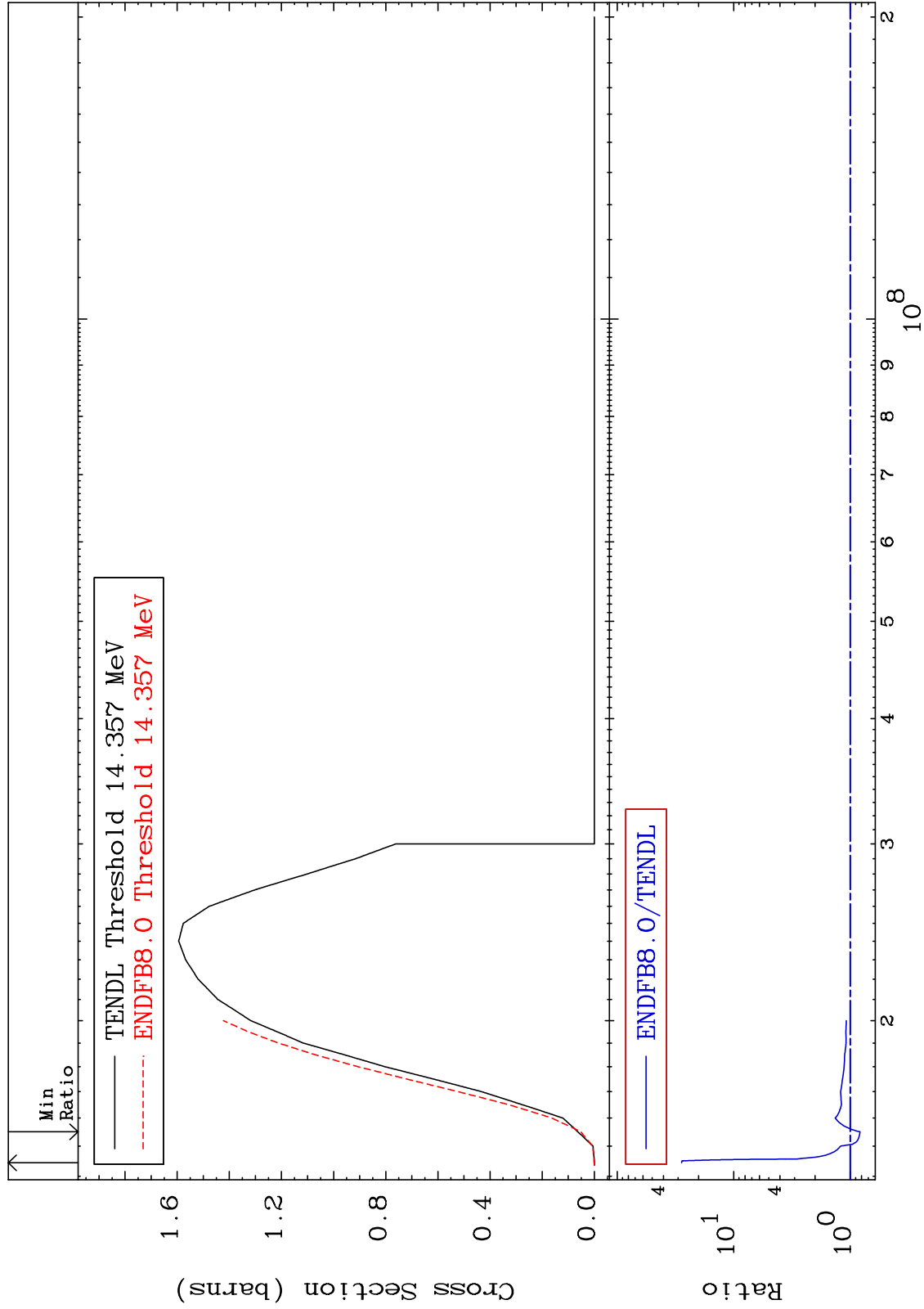
MAT 7637

(n, 3n)

76-0s-188

Cross Section

-17.64 To 2696. %



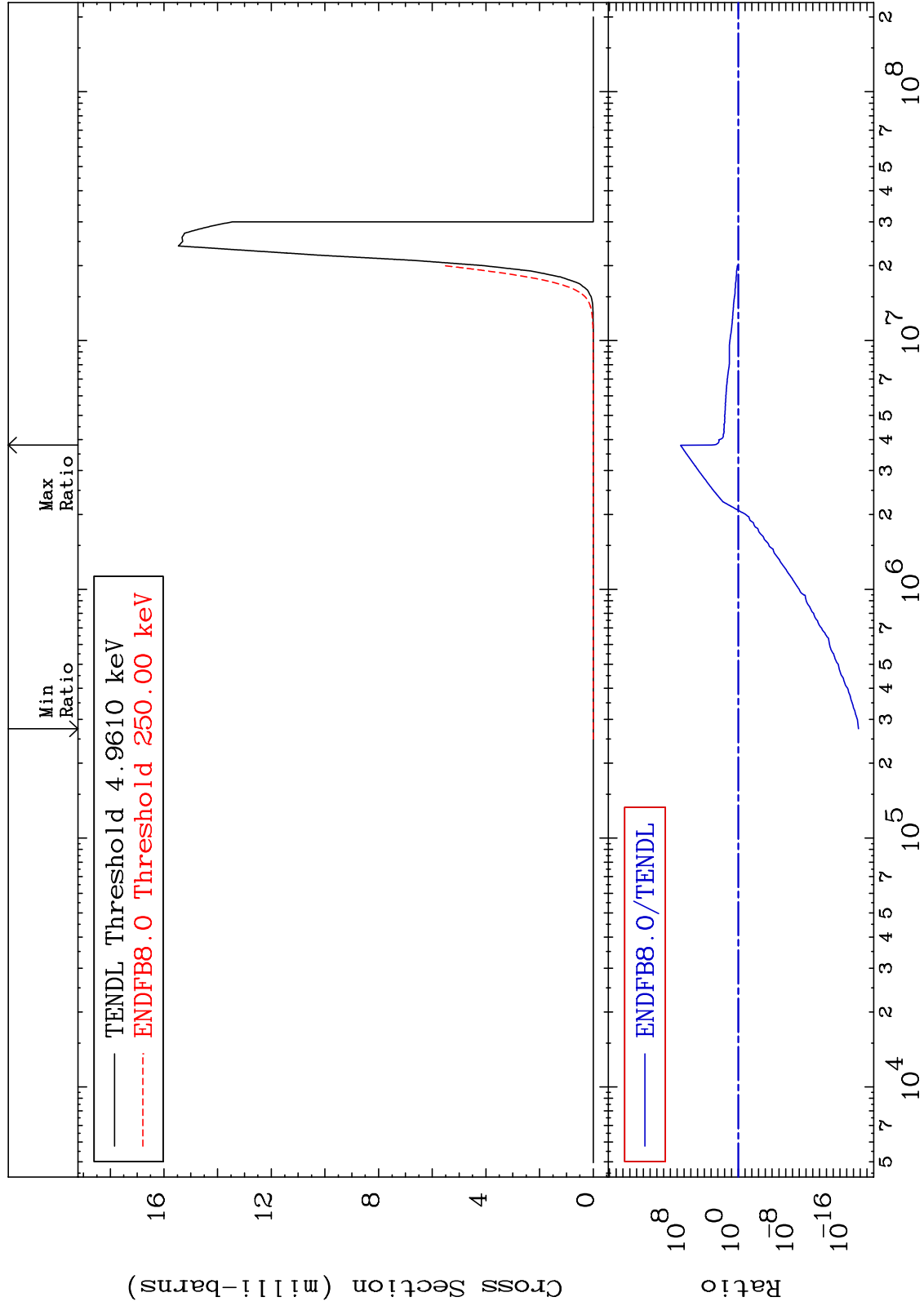
MAT 7637

(n,n') α

76-0s-188

-100.0 To 9999. %

Cross Section



6

Incident Energy (eV)

76-0s-188

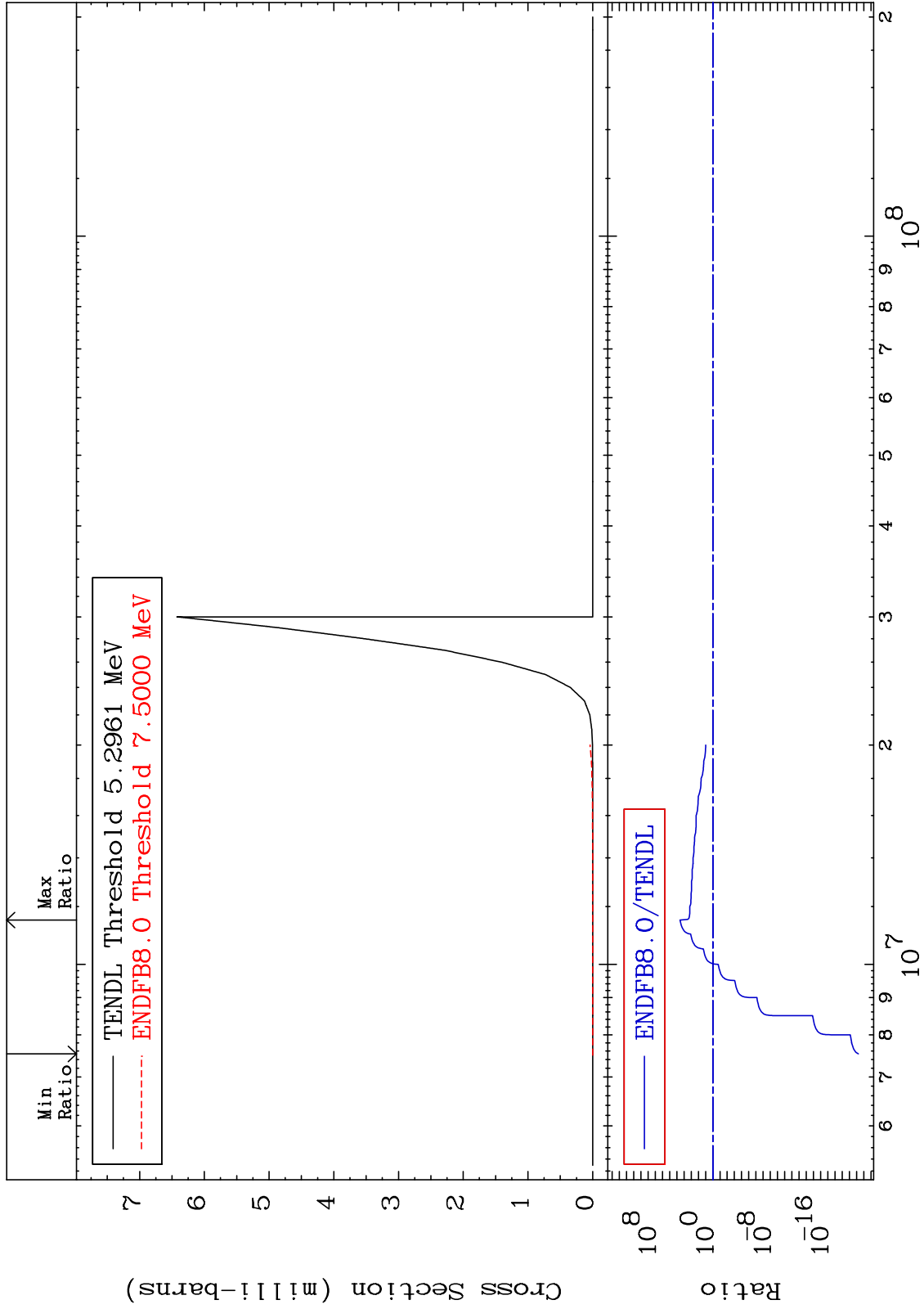
MAT 7637

(n,2n) α

76-0s-188

Cross Section

-100.0 To 9999. %



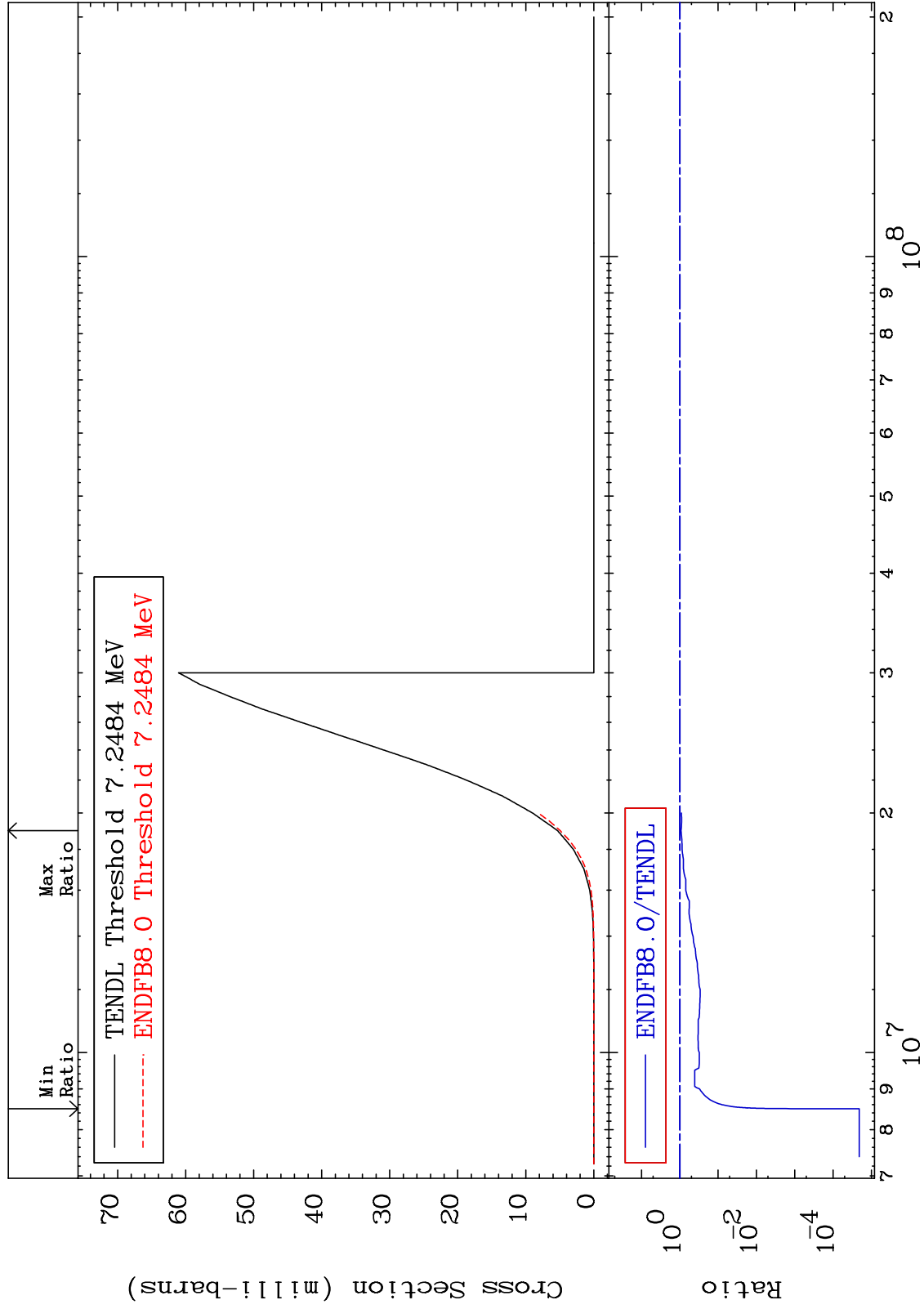
MAT 7637

(n,n') p

76-0s-188

Cross Section

-100.0 To -7.222%



8

Incident Energy (eV)

76-0s-188

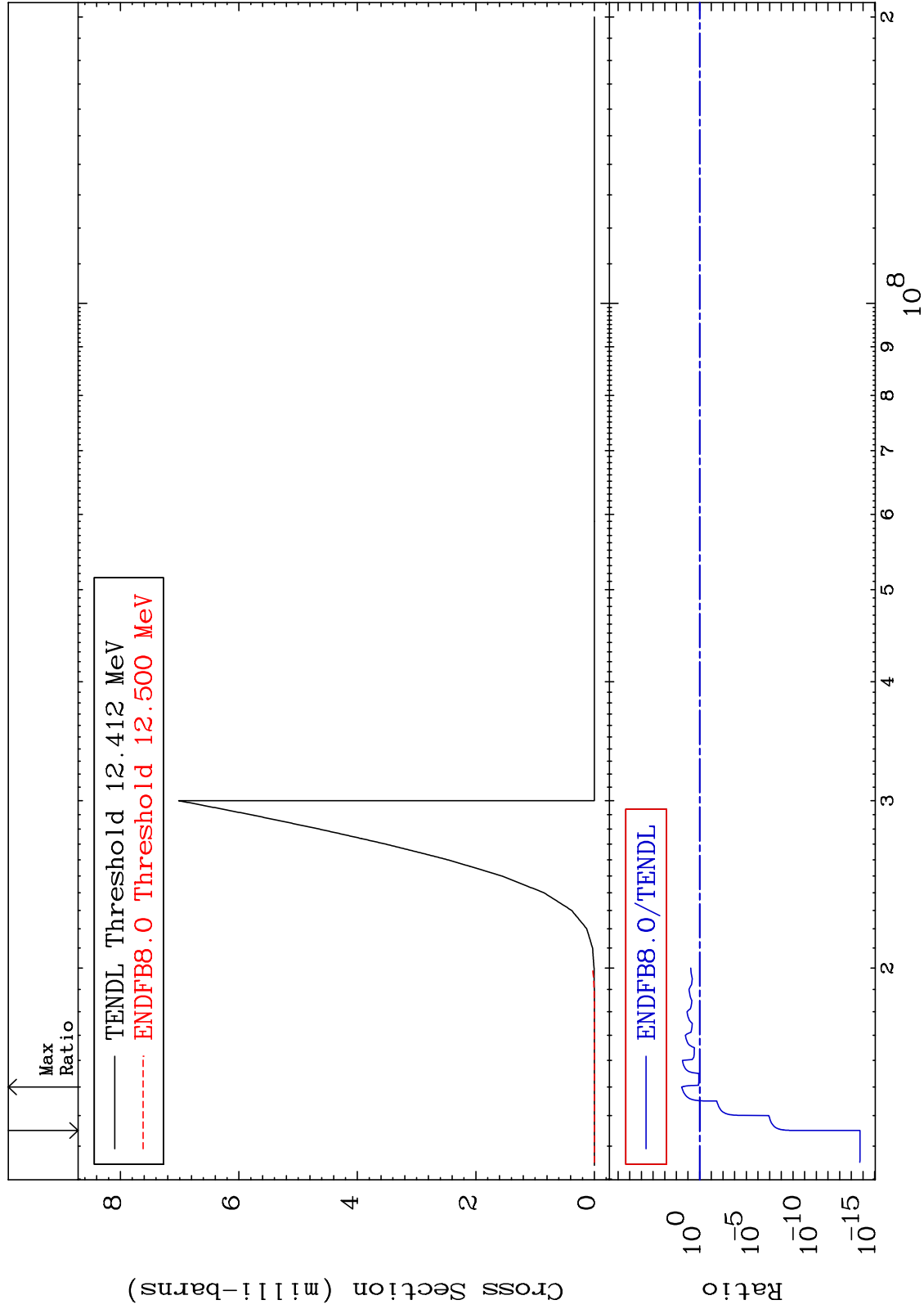
MAT 7637

(n, n') d

76-0s-188

Cross Section

-100.0 To 3410. %



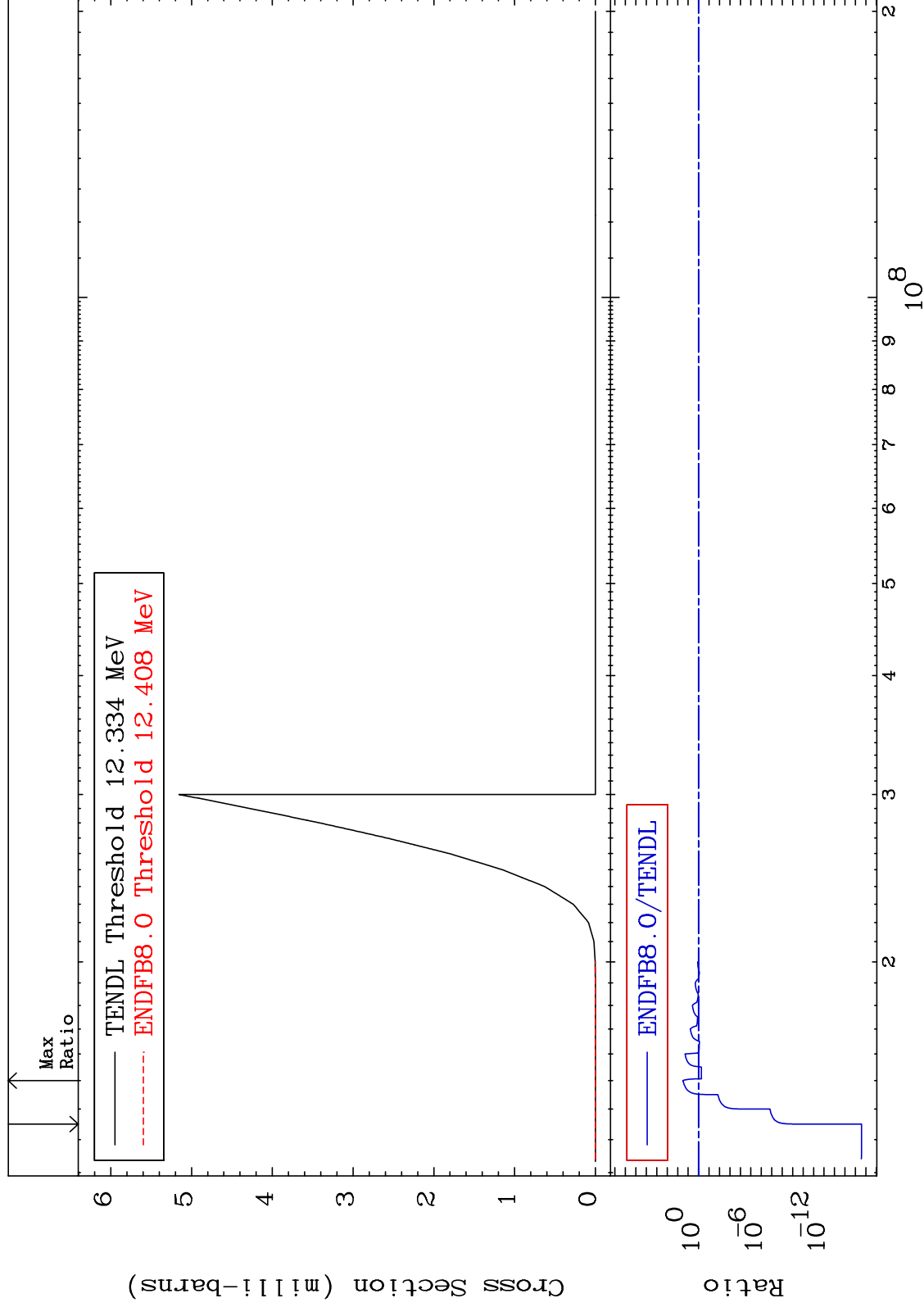
MAT 7637

(n,n') t

76-0s-188

Cross Section

-100.0 To 3090. %



10

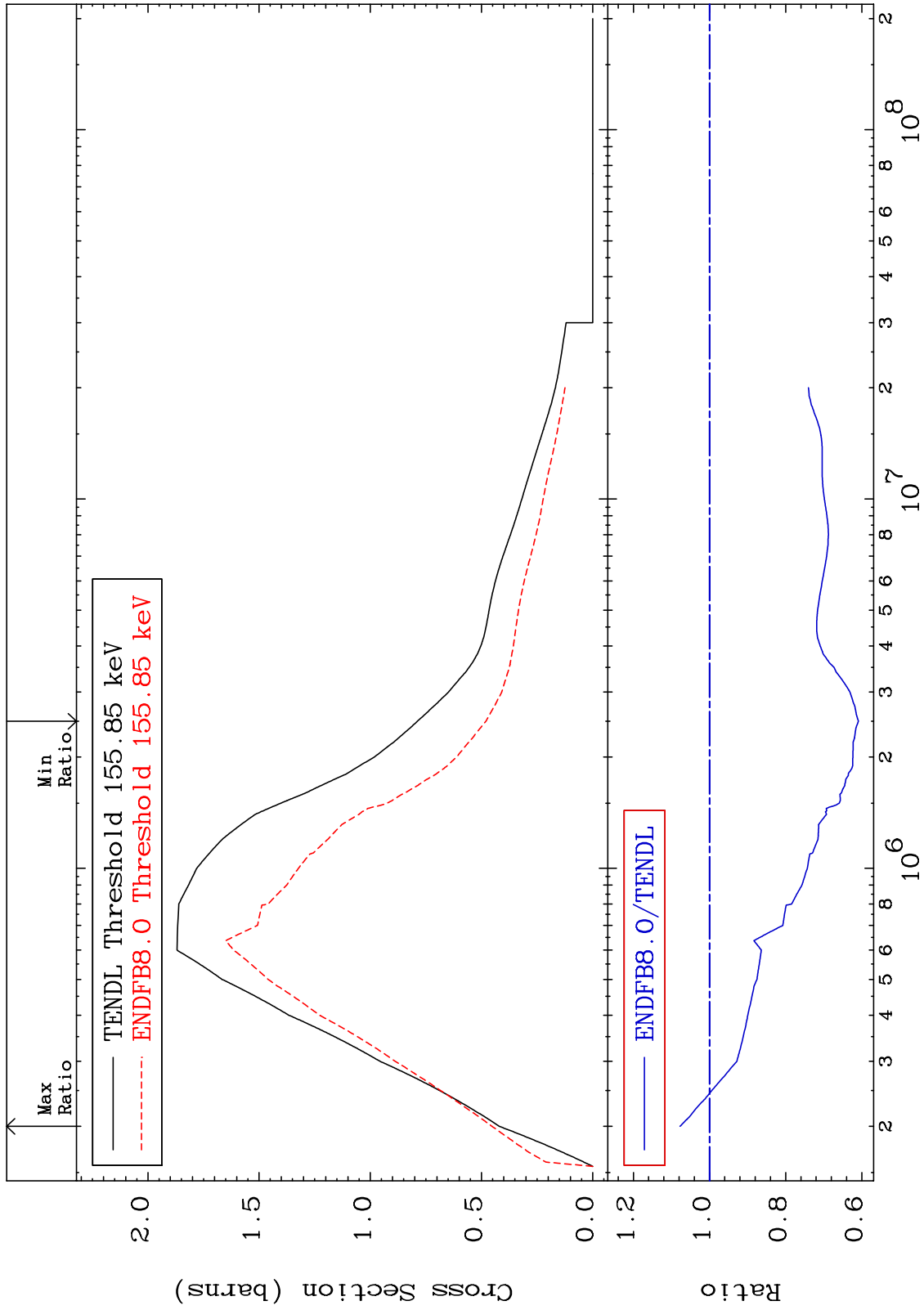
Incident Energy (eV)

76-0s-188

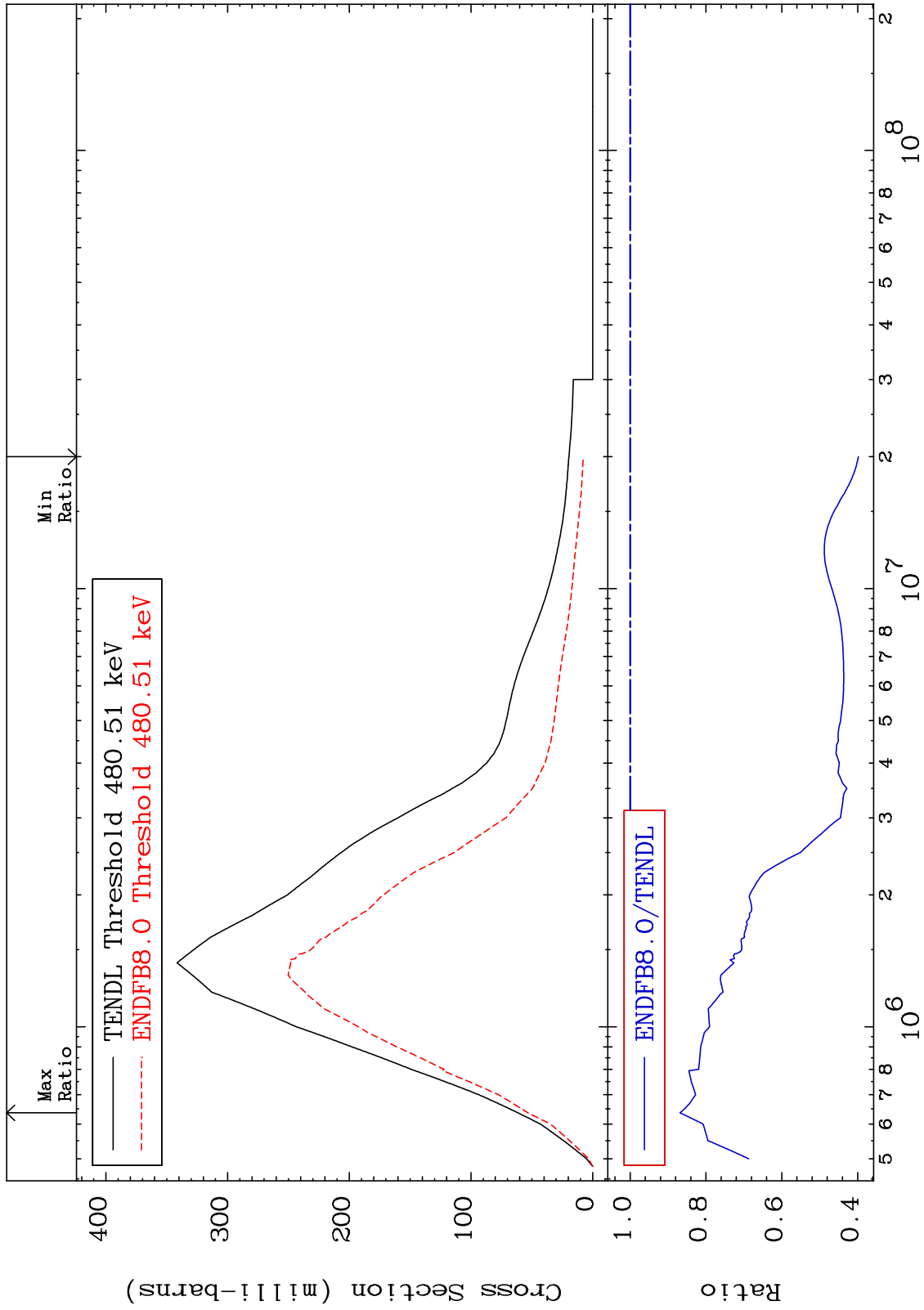
MAT 7637

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

76-0s-188
-39.11 To 7.753 %



MAT 7637 MT= 52 (n,n') Level Cross Section 76-0s-188 -60.21 To -13.16%

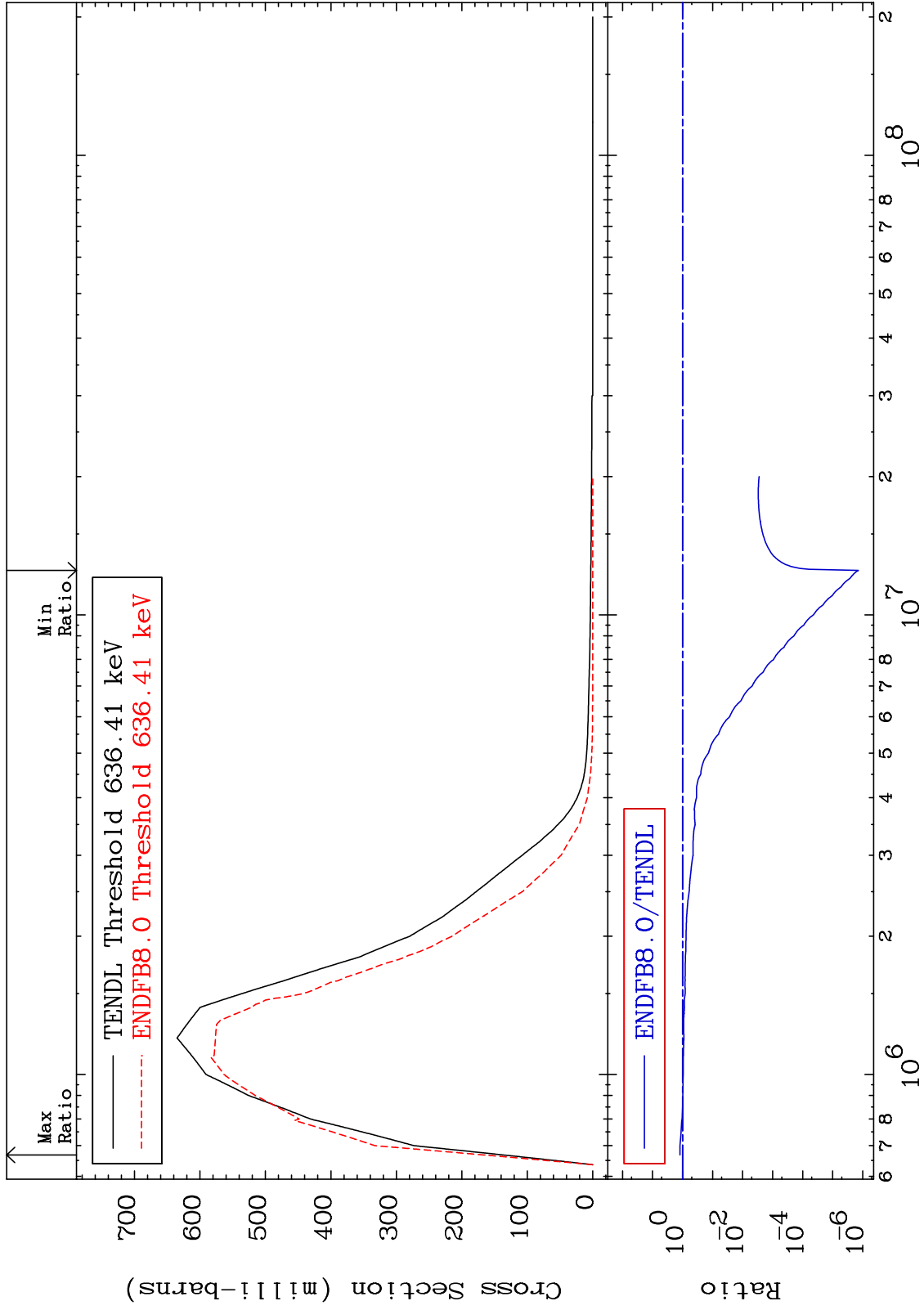


12 Incident Energy (eV) 76-0s-188

MAT 7637

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

76-0s-188
-100.0 To 21.81 %



13

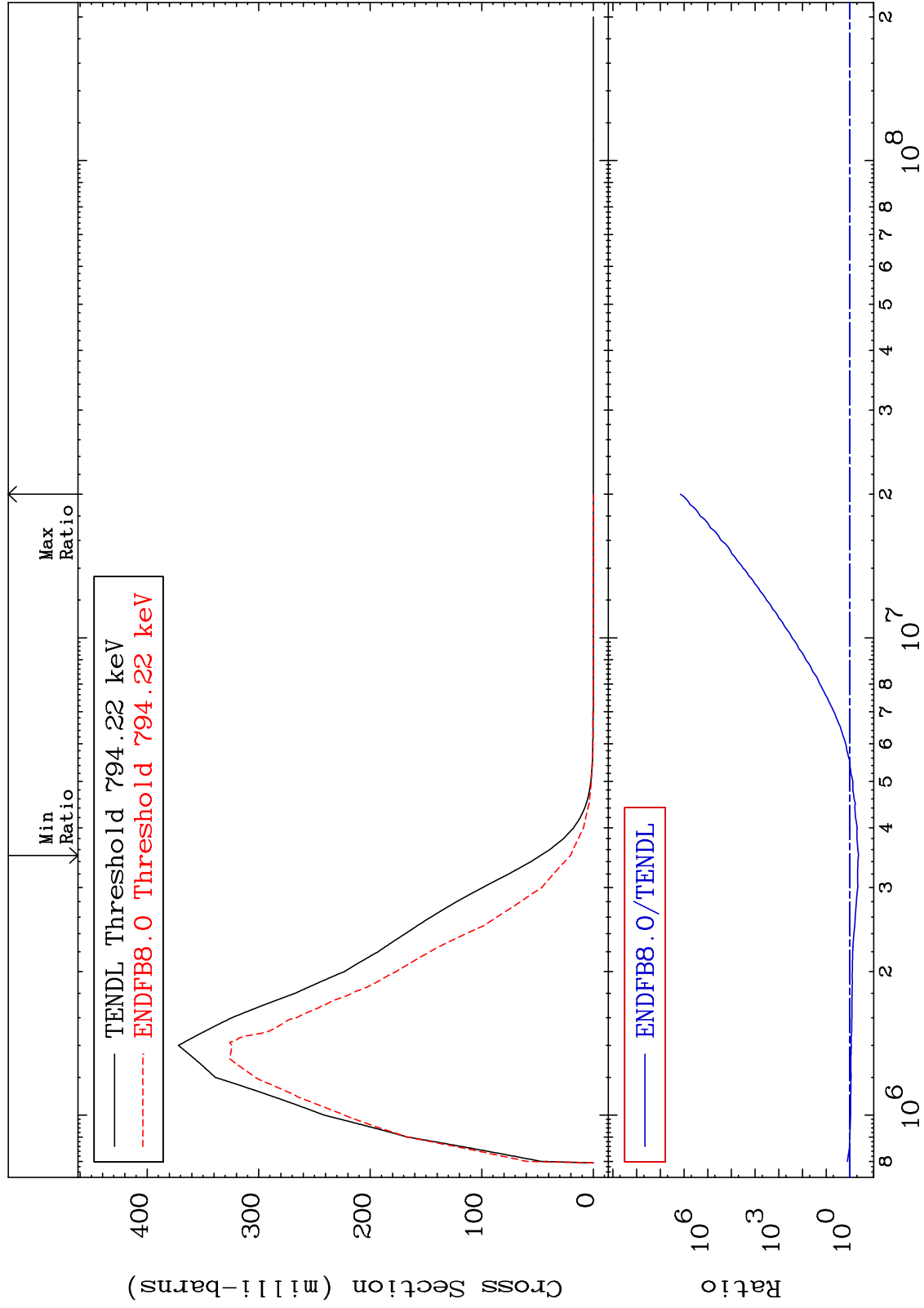
Incident Energy (eV)

76-0s-188

MAT 7637

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

76-0s-188
-56.86 To 9999. %



14

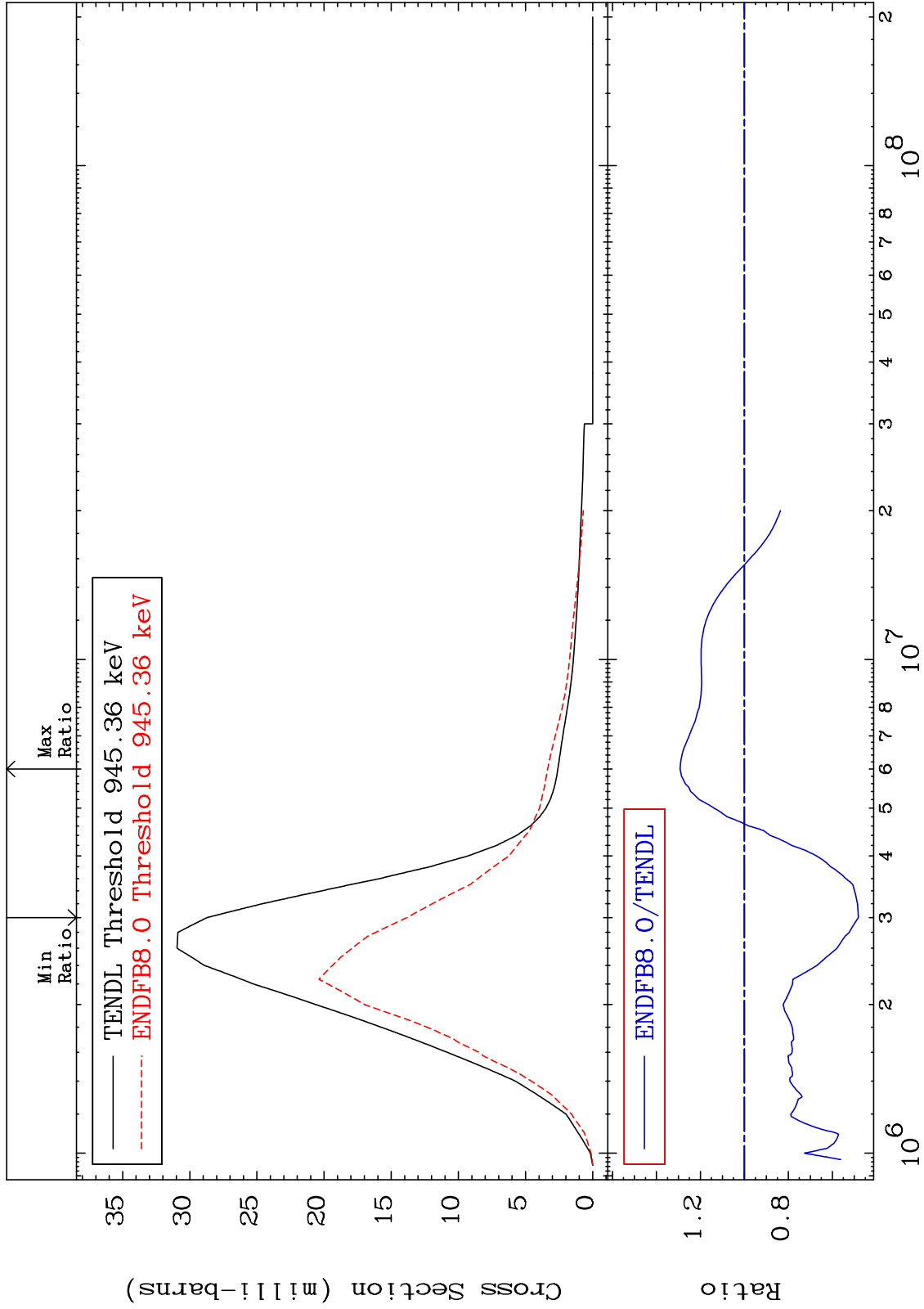
Incident Energy (eV)

76-0s-188

MAT 7637

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

76-0s-188
-51.86 To 29.27 %

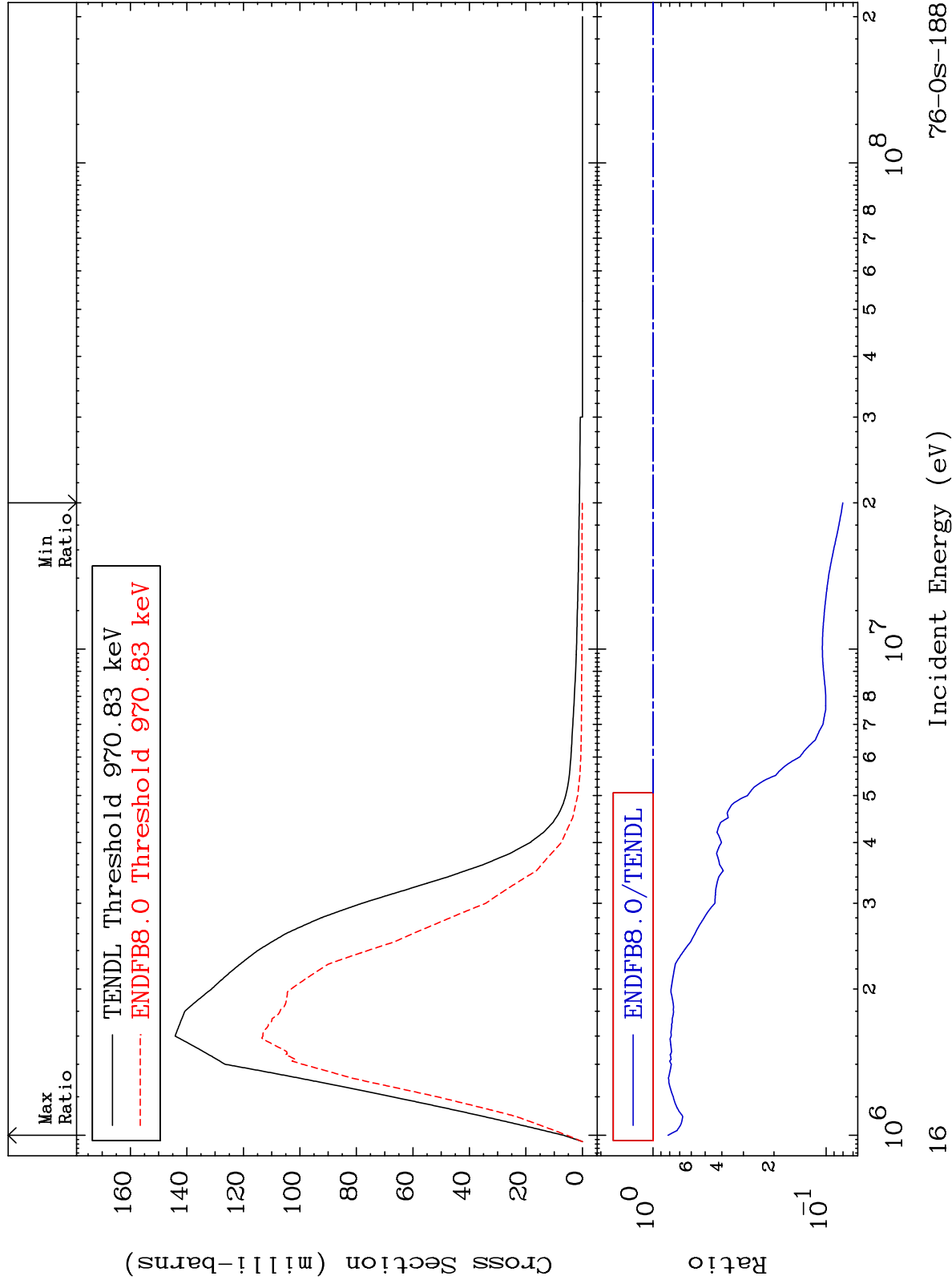


15 10⁶ 10⁷ 10⁸ 2 76-0s-188

MAT 7637

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

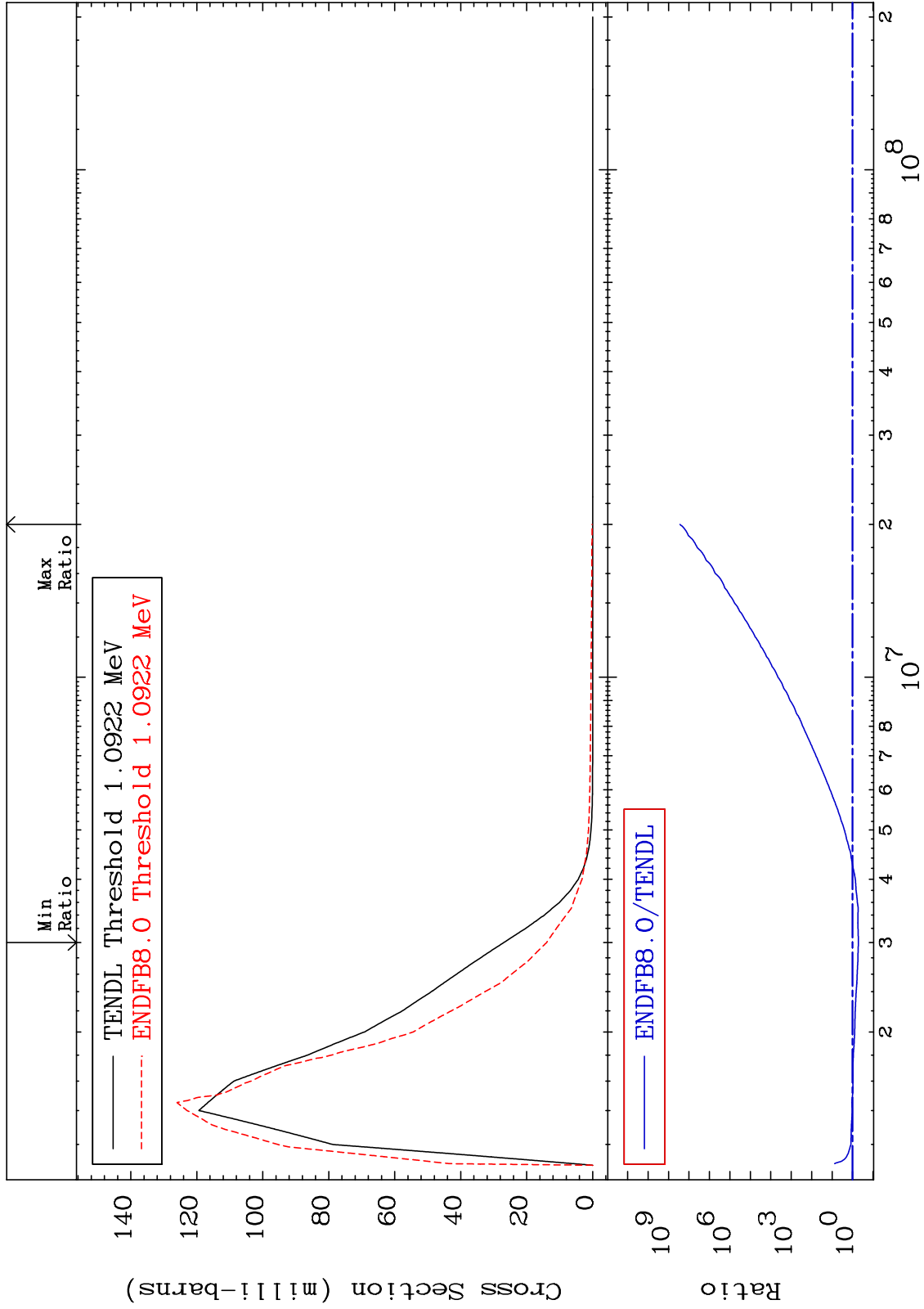
76-0s-188
-91.99 To -18.19%



MAT 7637

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

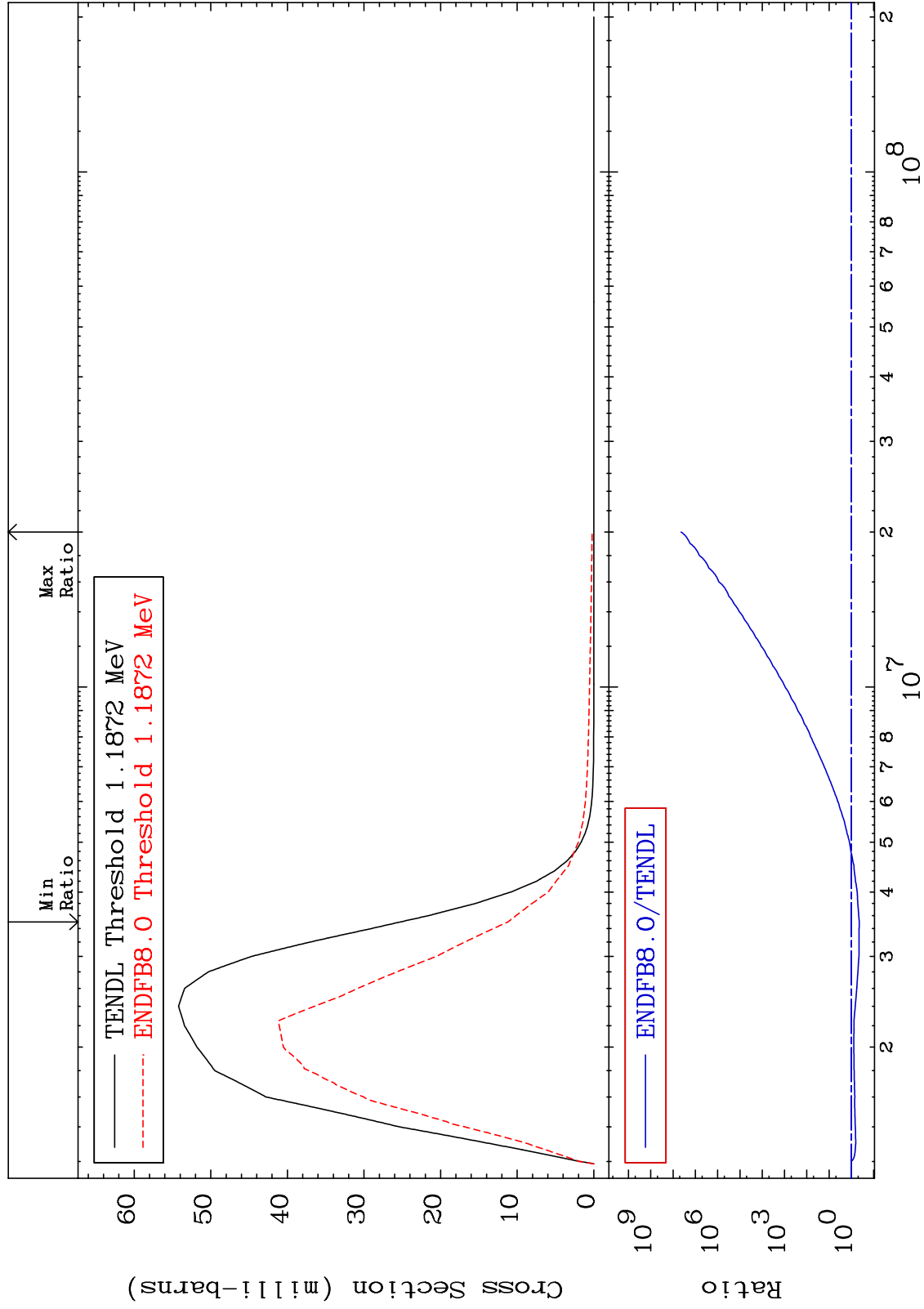
76-0s-188
-48.15 To 9999. %



MAT 7637

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

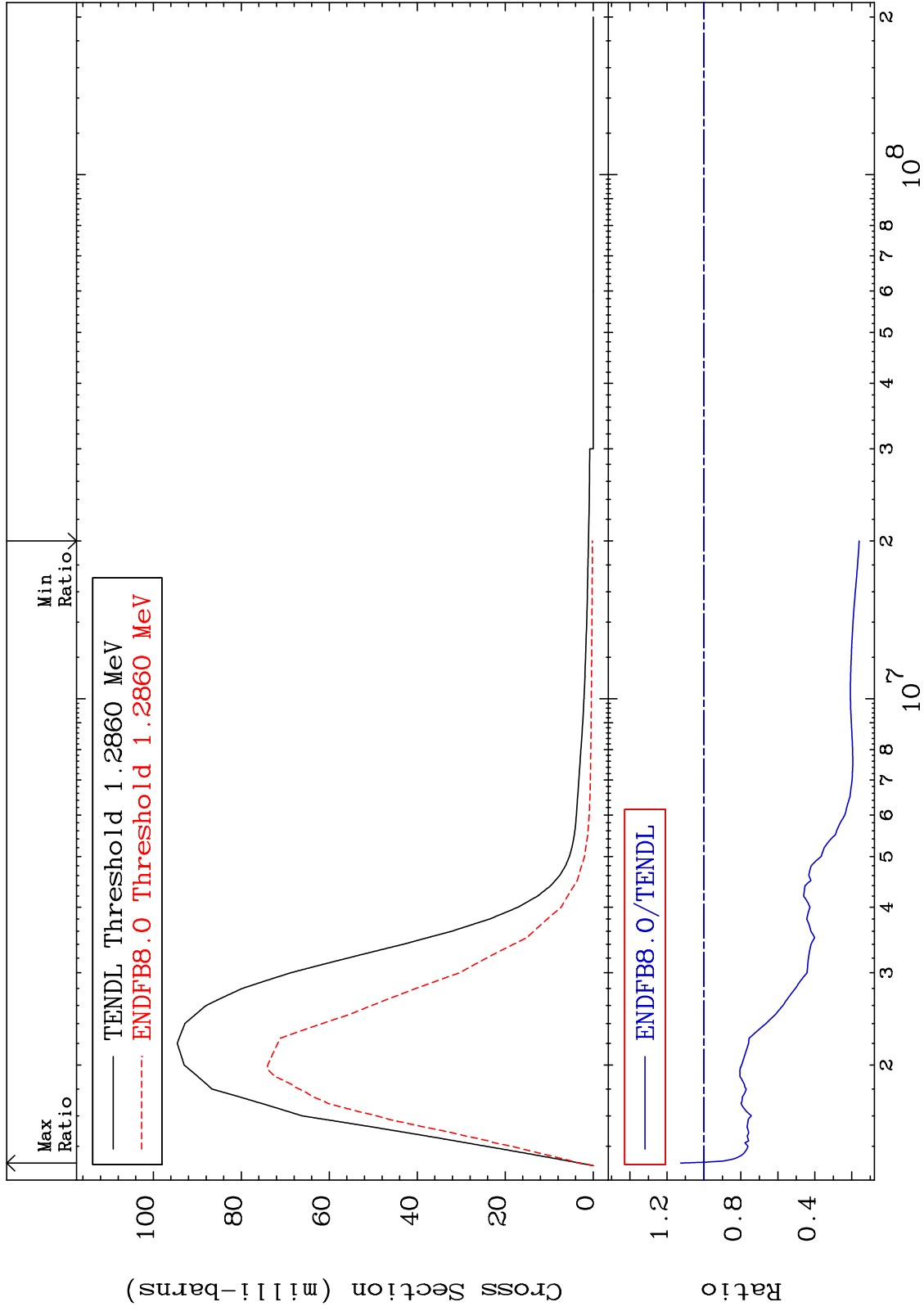
76-0s-188
-55.63 To 9999. %



MAT 7637

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

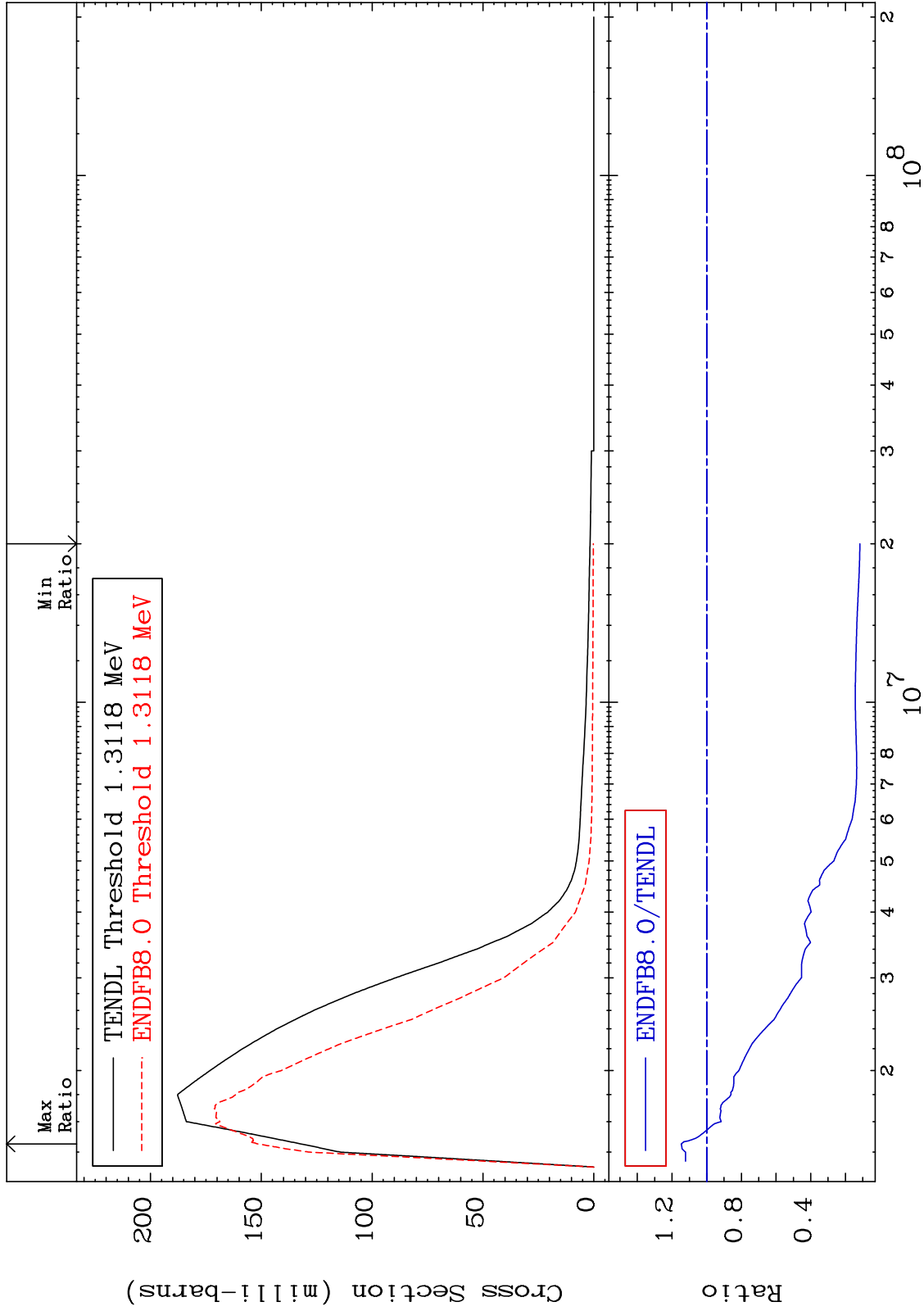
76-0s-188
-84.02 To 12.60 %



MAT 7637

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

76-0s-188
-88.39 To 14.69 %



20

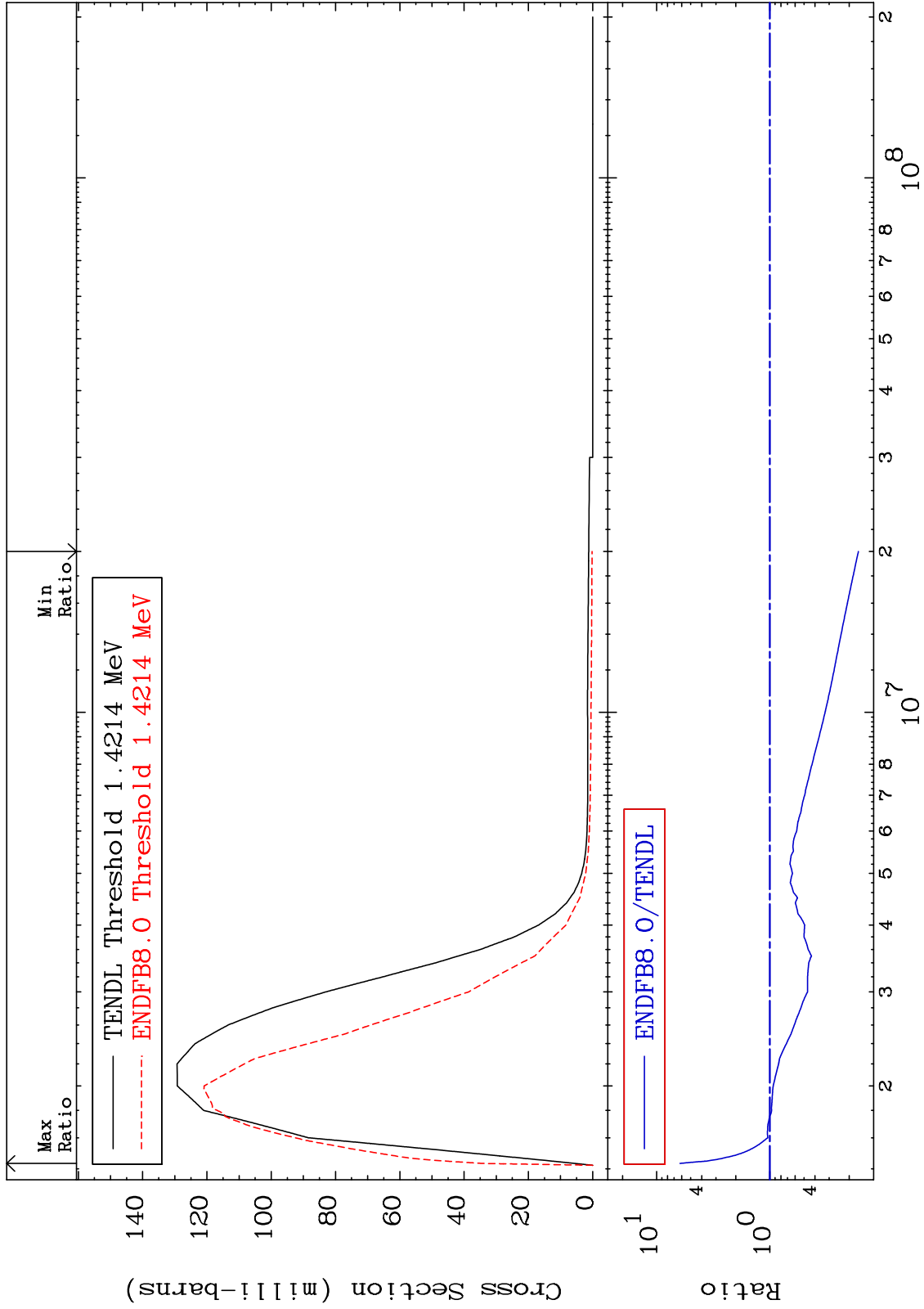
Incident Energy (eV)

76-0s-188

MAT 7637

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

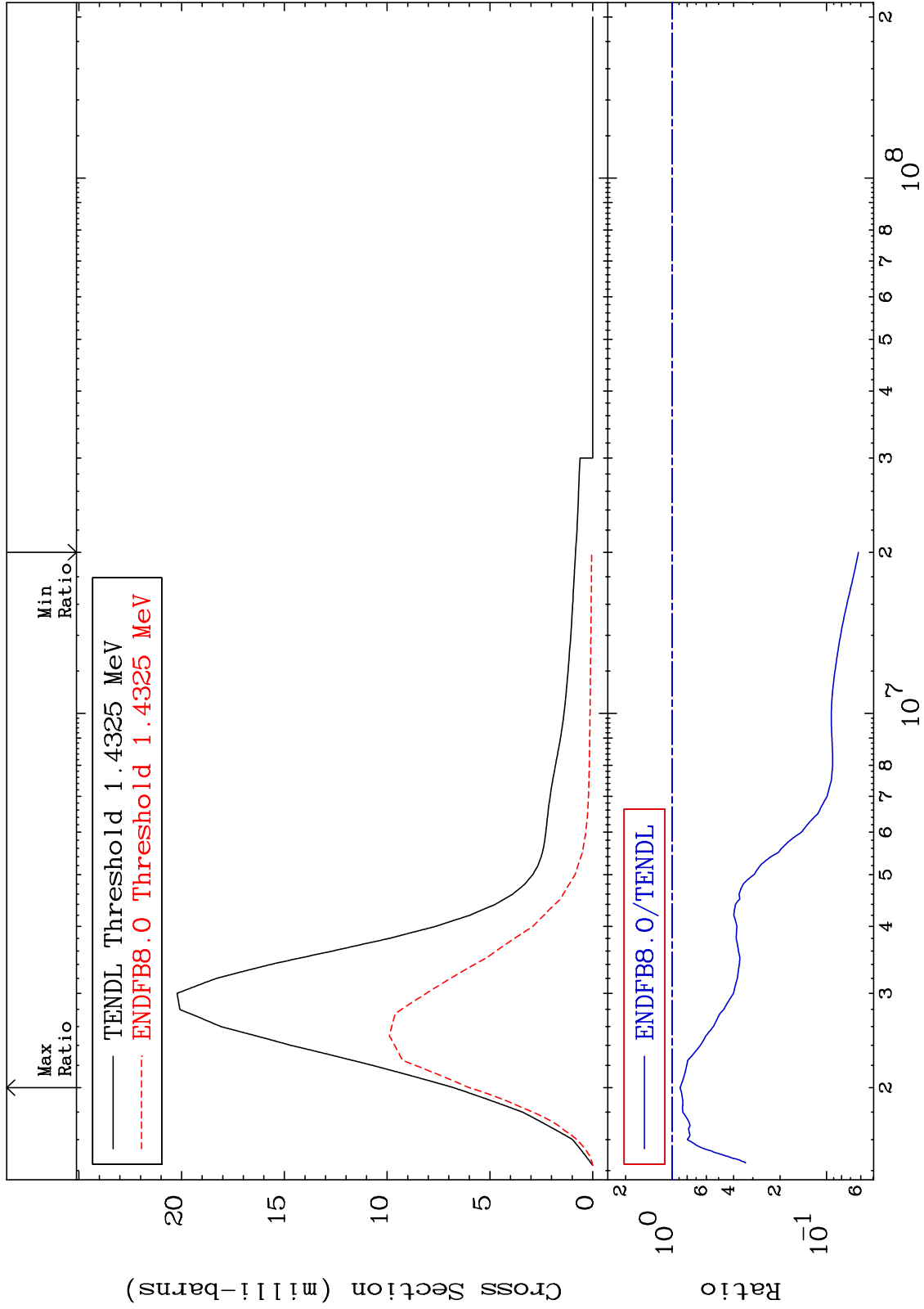
76-0s-188
-83.44 To 521.3 %



MAT 7637

MT= 62 (n,n') Level
Cross Section

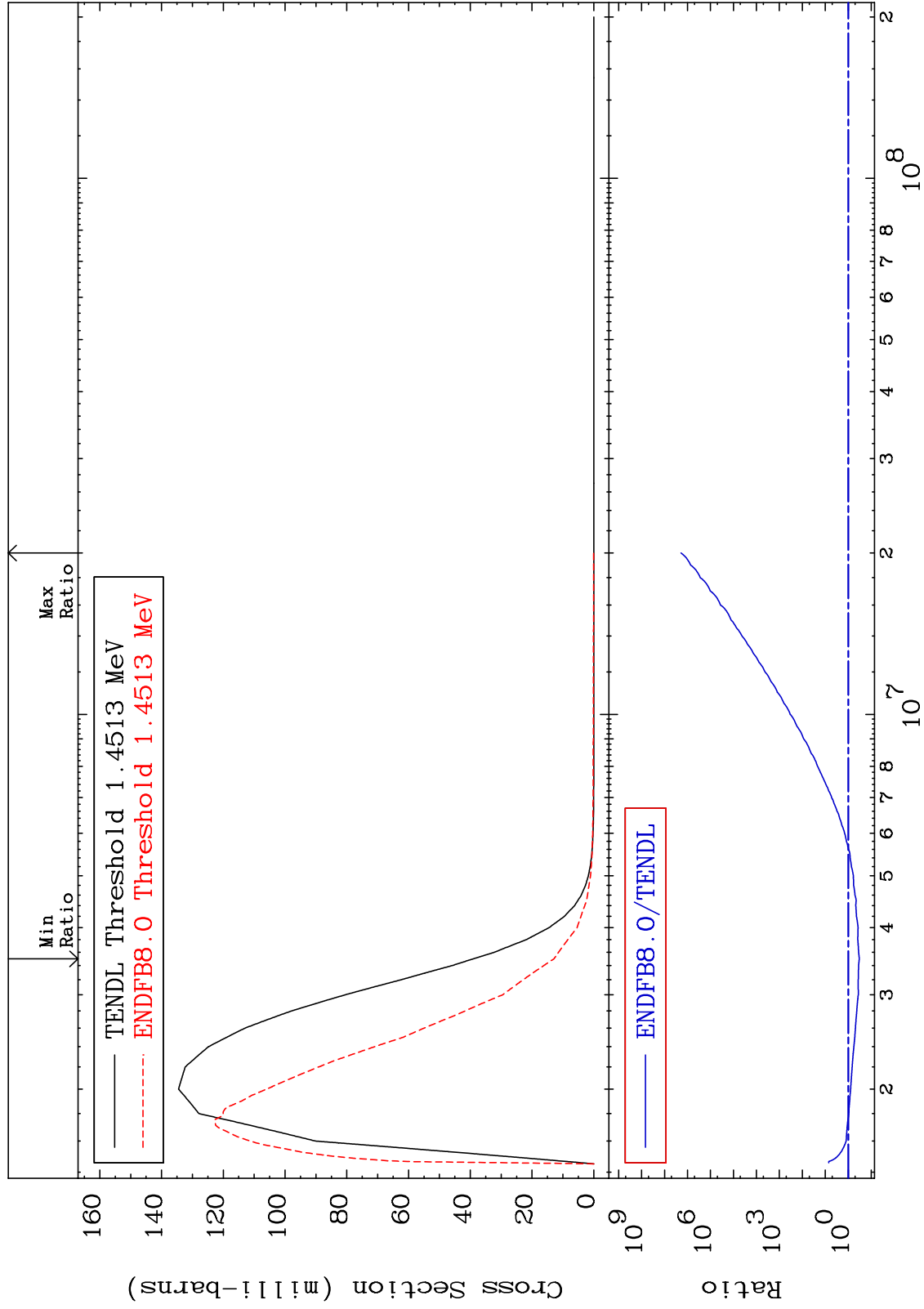
76-0s-188
-93.78 To -11.17%



MAT 7637

MT= 63 (n,n') Level
Cross Section

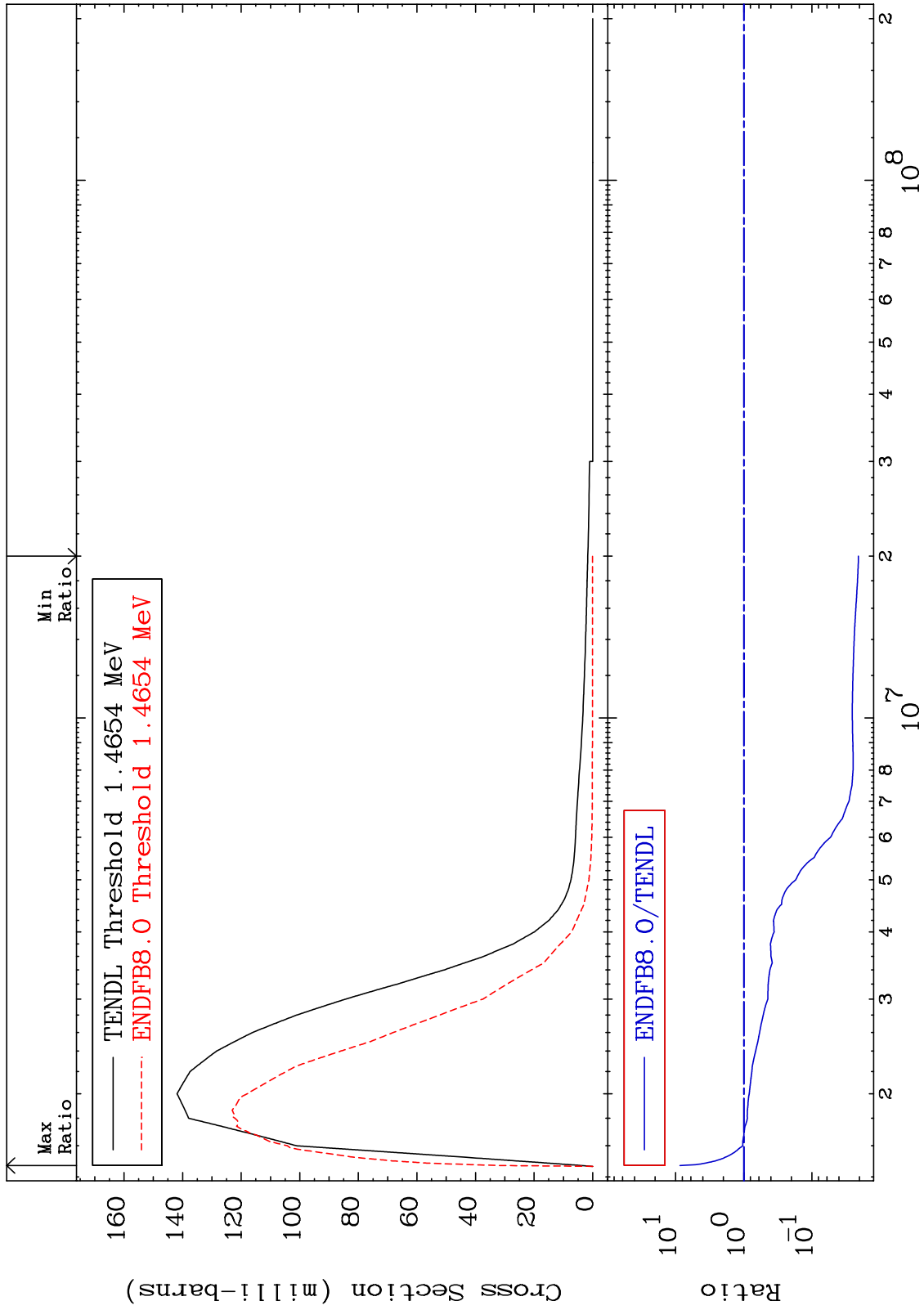
76-0s-188
-66.94 To 9999. %



MAT 7637

MT= 64 (n,n') Level
Cross Section

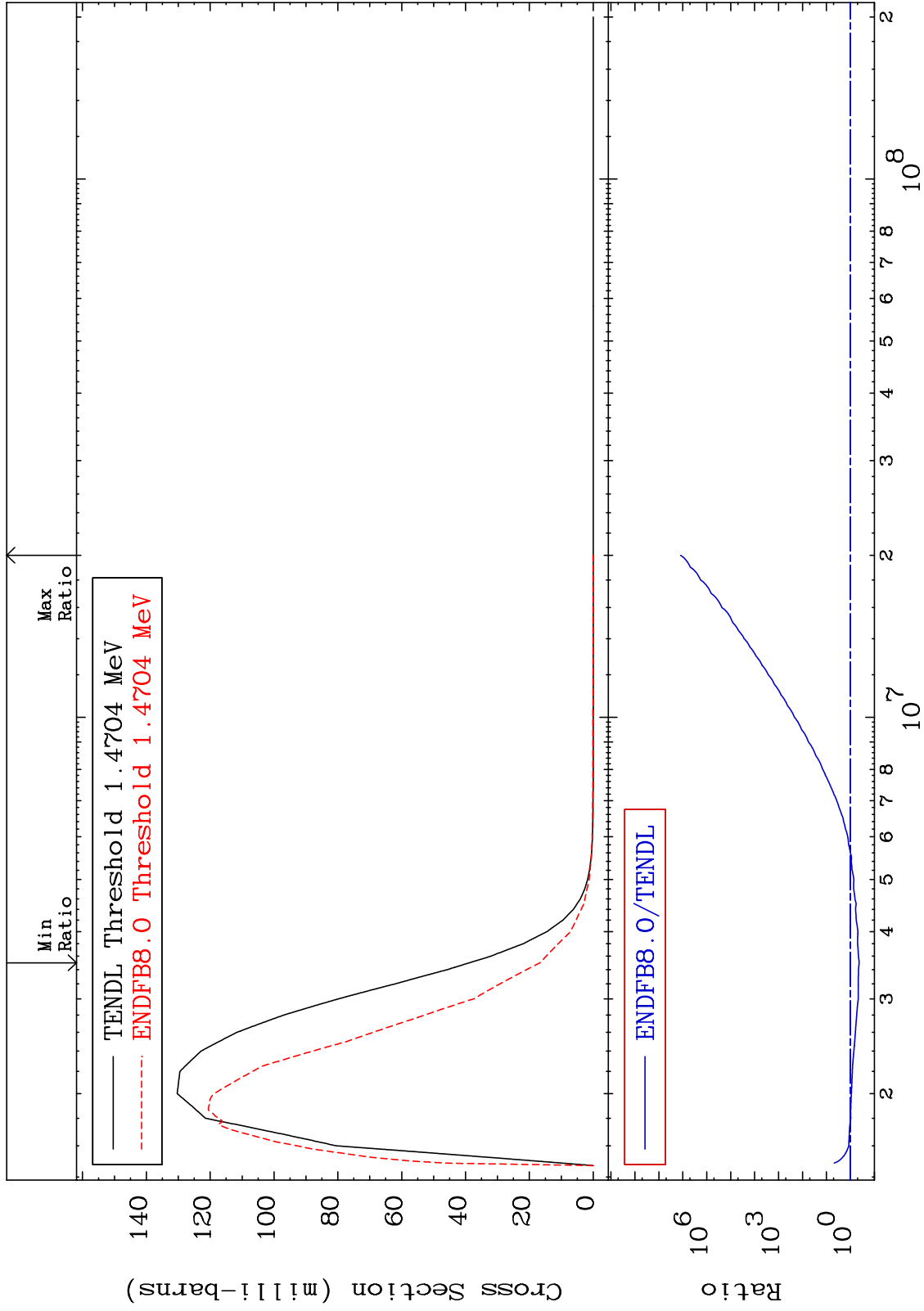
76-0s-188
-97.93 To 763.5 %



MAT 7637

MT= 65 (n,n') Level
Cross Section

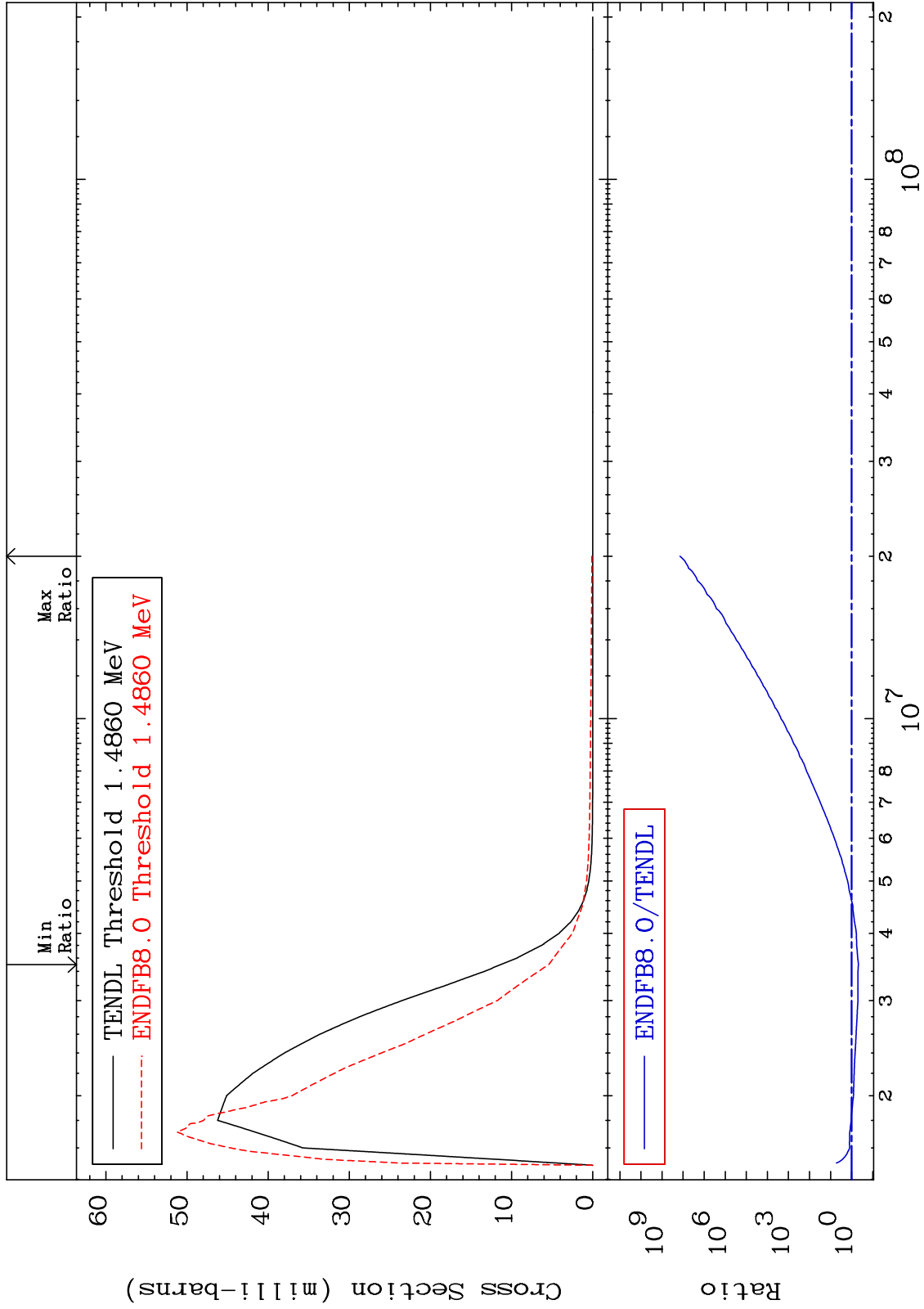
76-0s-188
-57.07 To 9999. %



MAT 7637

MT= 66 (n,n') Level
Cross Section

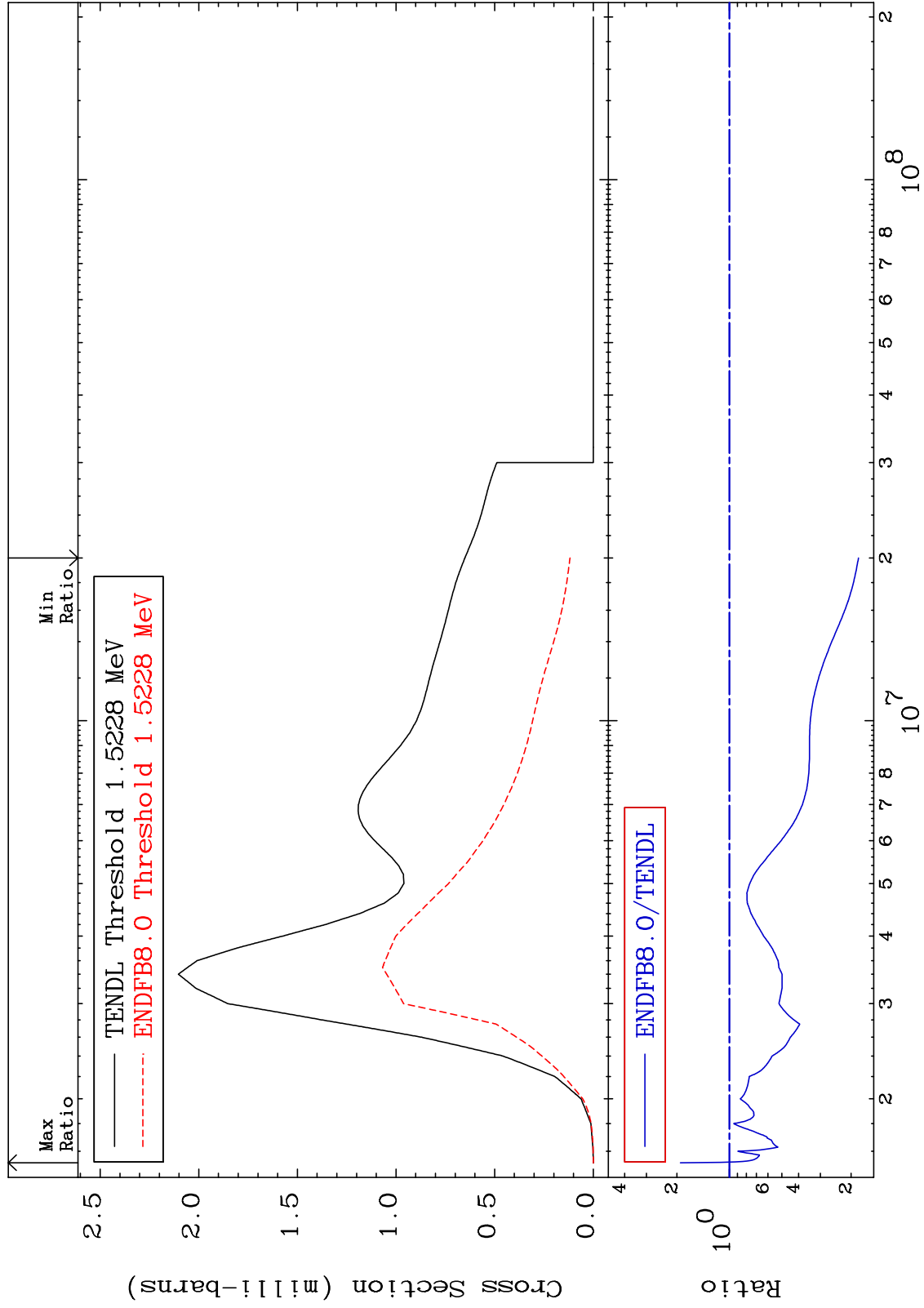
76-0s-188
-52.26 To 9999. %



MAT 7637

MT= 67 (n,n') Level
Cross Section

76-0s-188
-81.89 To 91.05 %



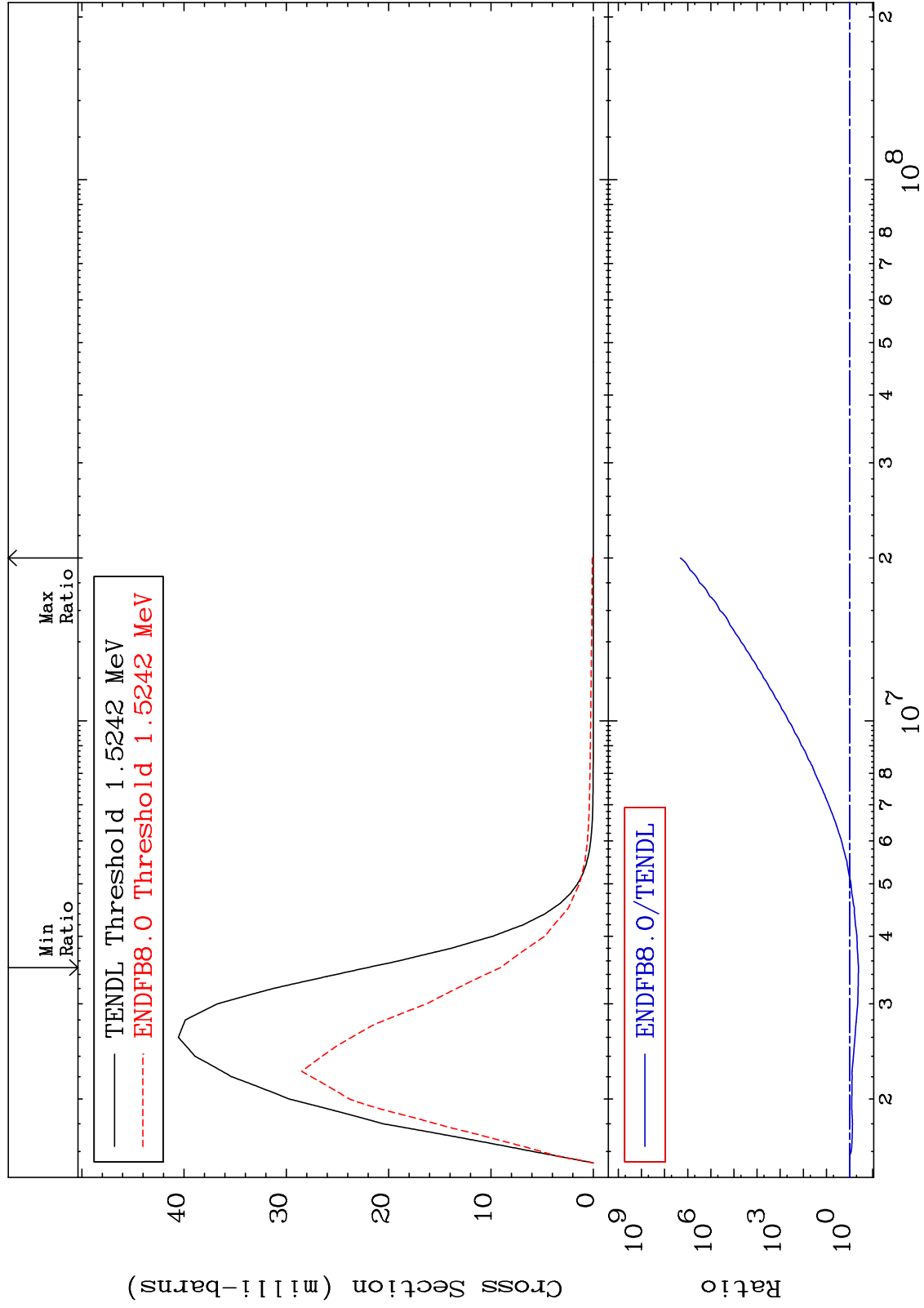
27

76-0s-188

MAT 7637

MT= 68 (n,n') Level
Cross Section

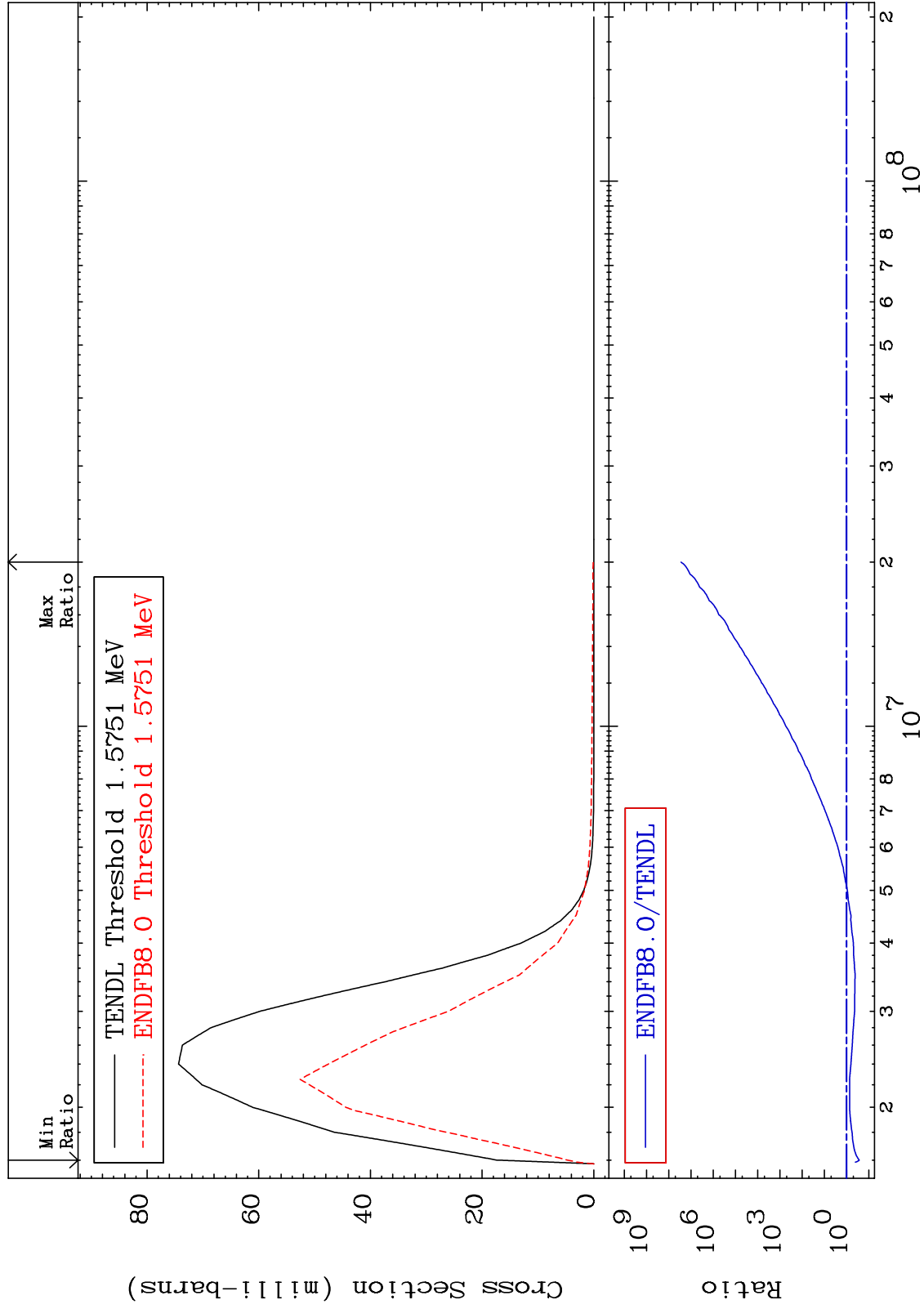
76-0s-188
-58.94 To 9999. %



MAT 7637

MT= 69 (n,n') Level
Cross Section

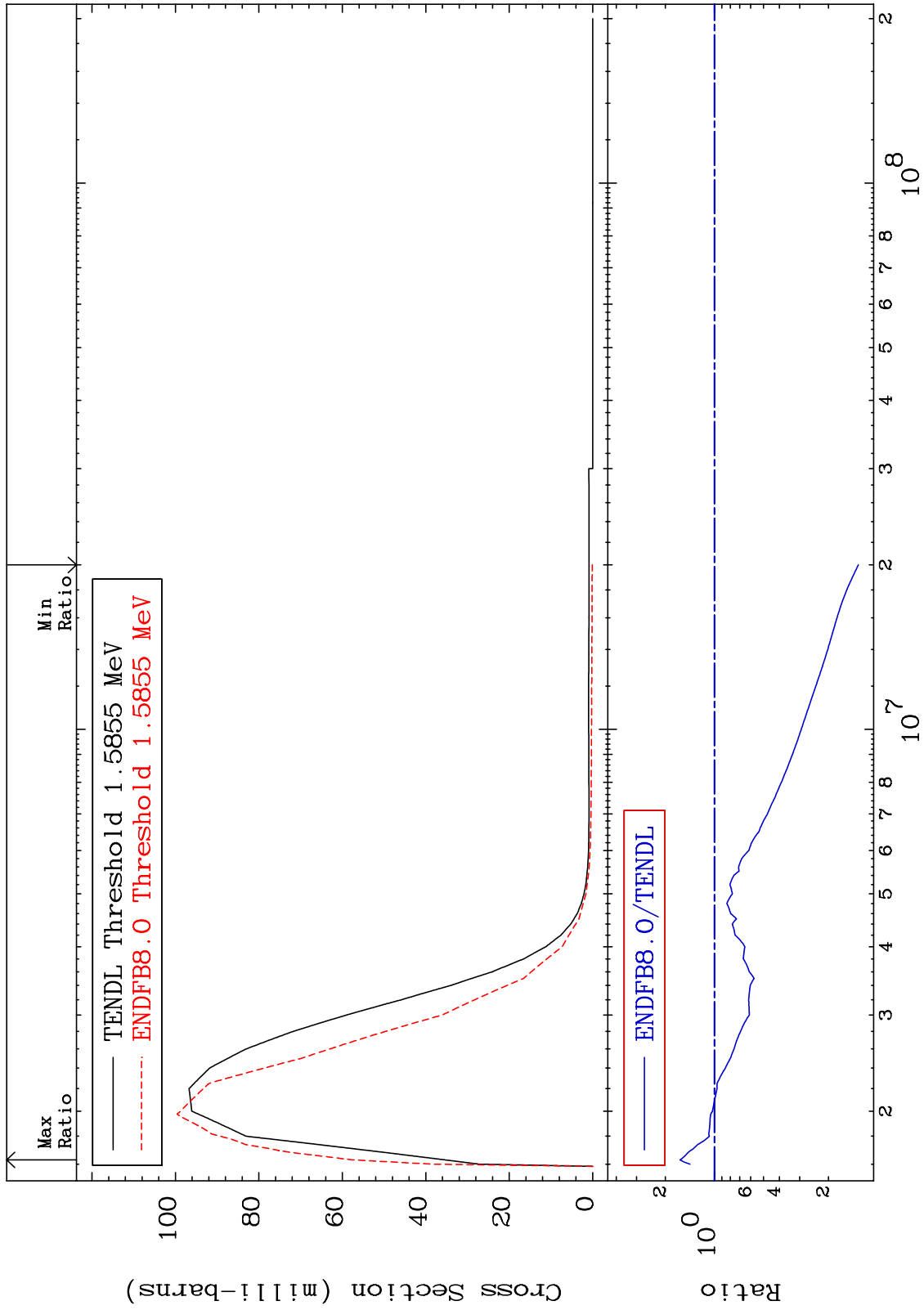
76-0s-188
-73.11 To 9999. %



MAT 7637

MT= 70 (n,n') Level
Cross Section

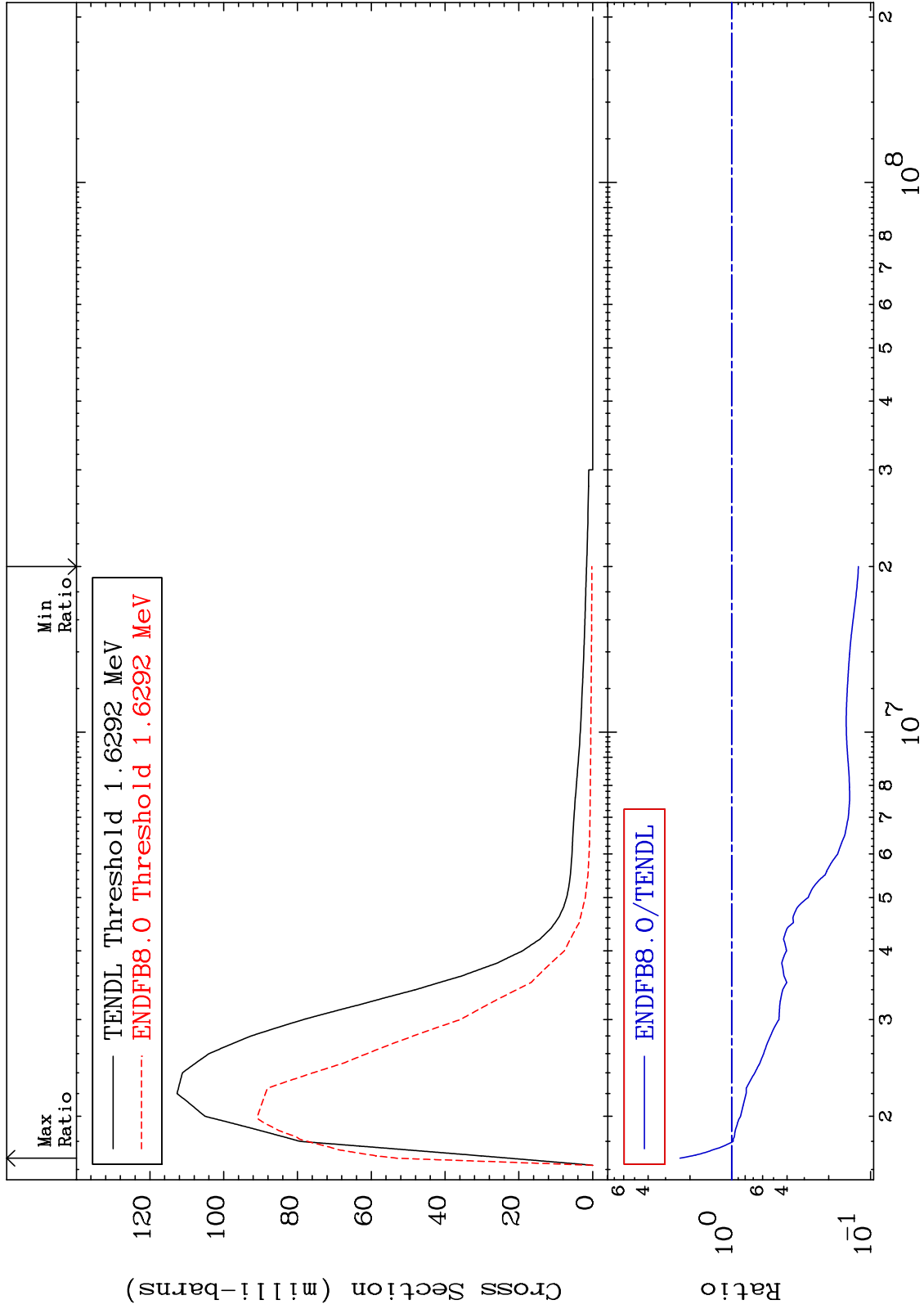
76-0s-188
-86.89 To 62.50 %



MAT 7637

MT= 71 (n,n') Level
Cross Section

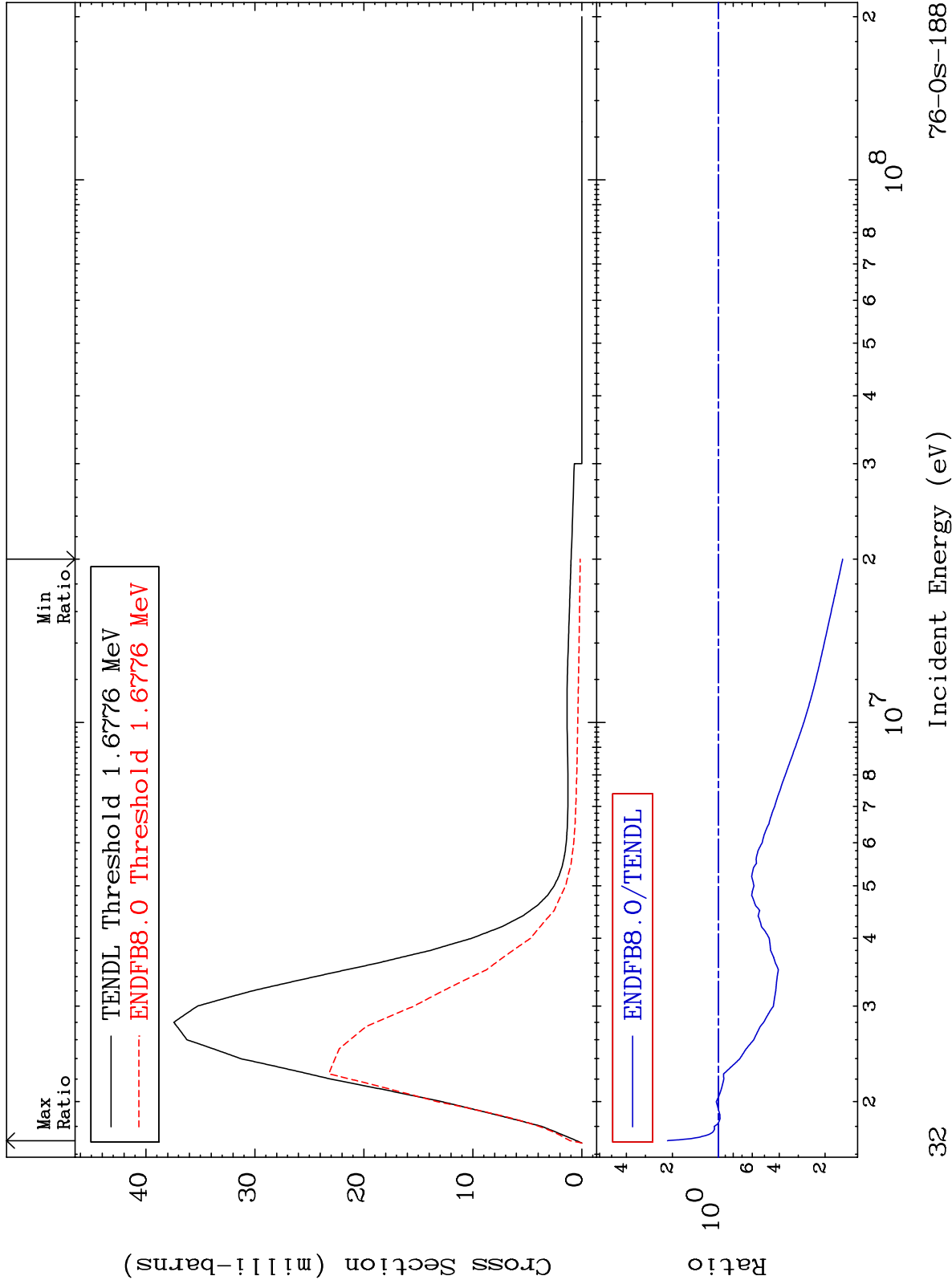
76-0s-188
-87.76 To 135.7 %



MAT 7637

MT= 72 (n,n') Level
Cross Section

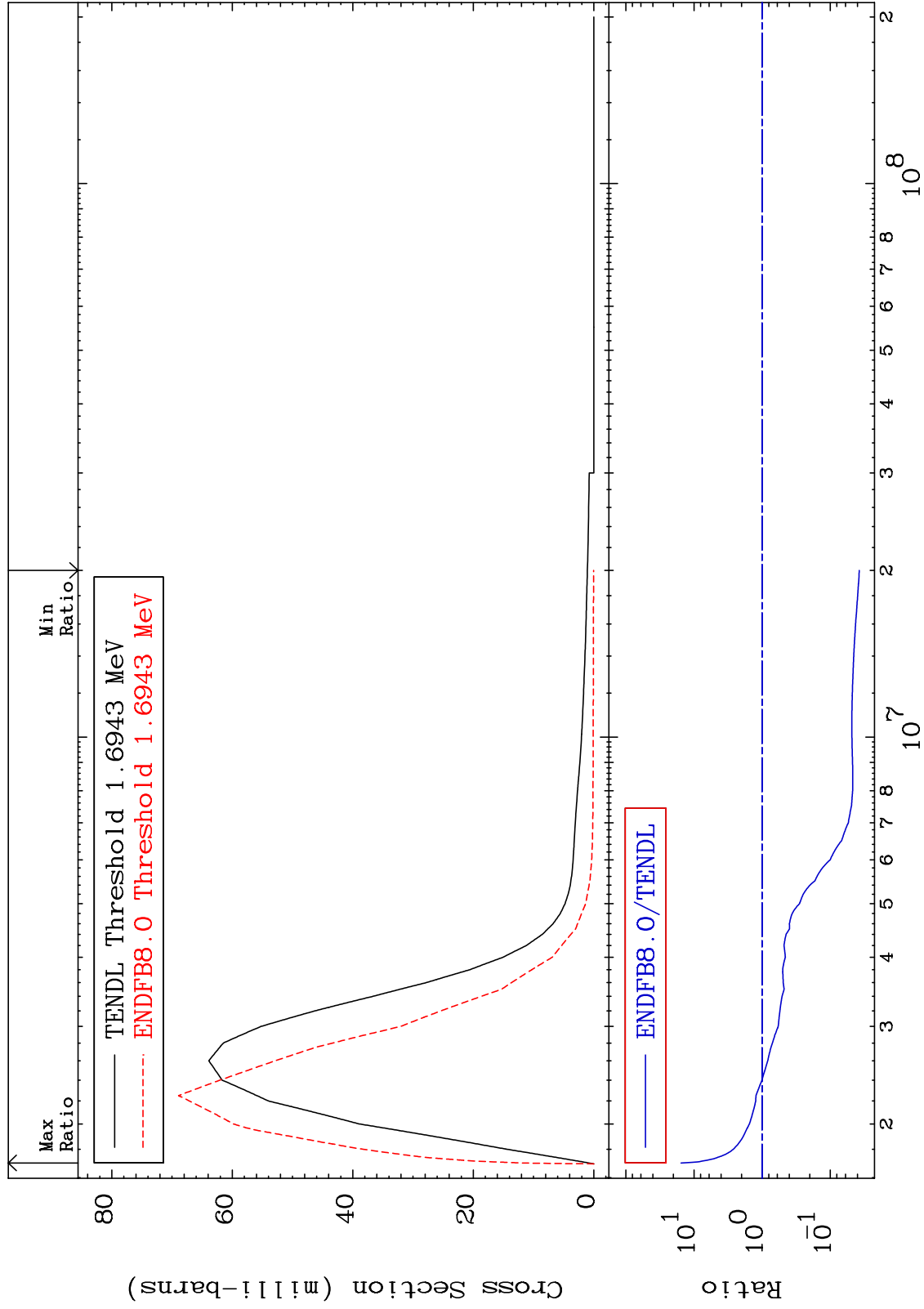
76-0s-188
-84.64 To 115.2 %



MAT 7637

MT= 73 (n,n') Level
Cross Section

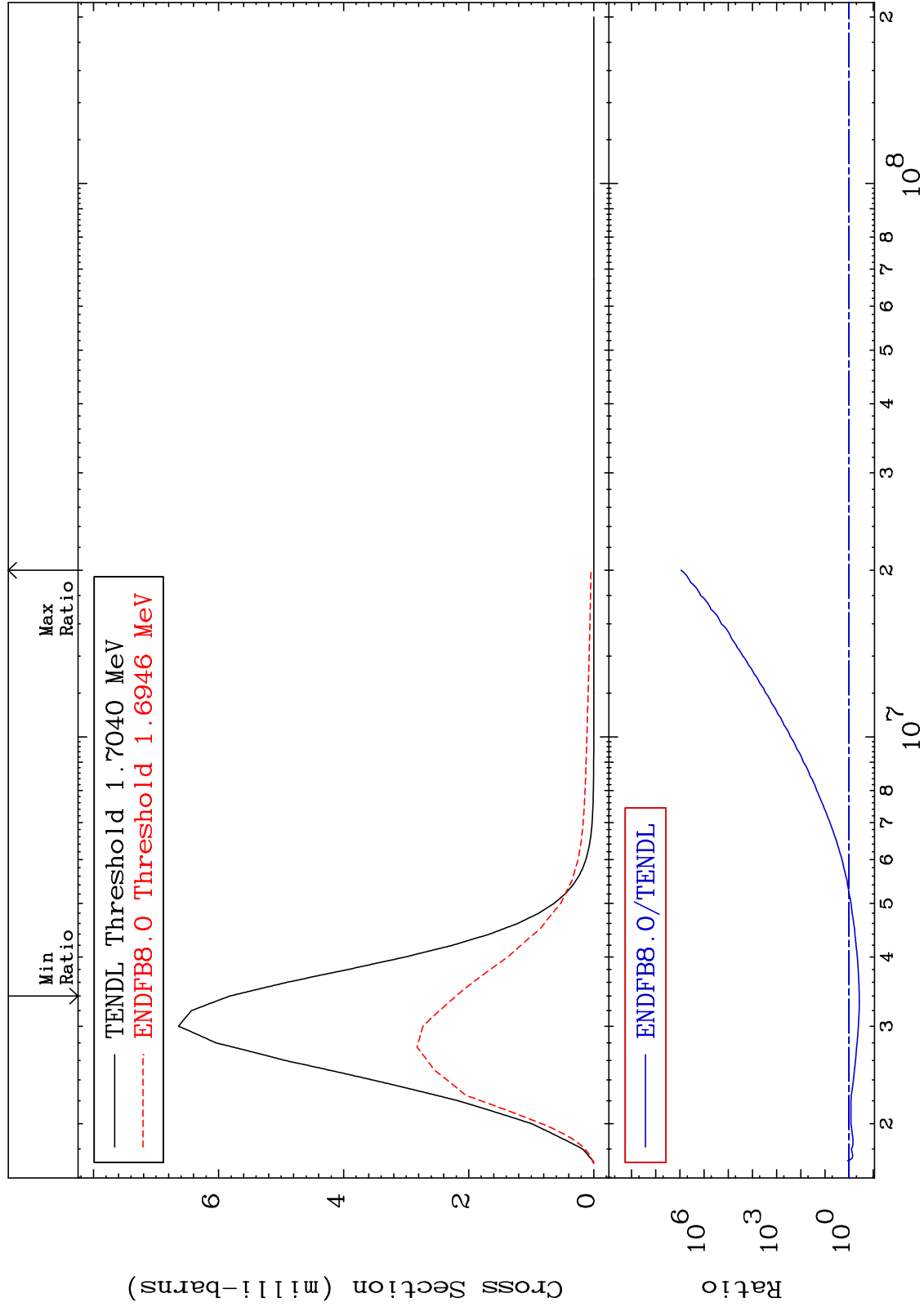
76-0s-188
-96.24 To 1447. %



MAT 7637

MT= 74 (n,n') Level
Cross Section

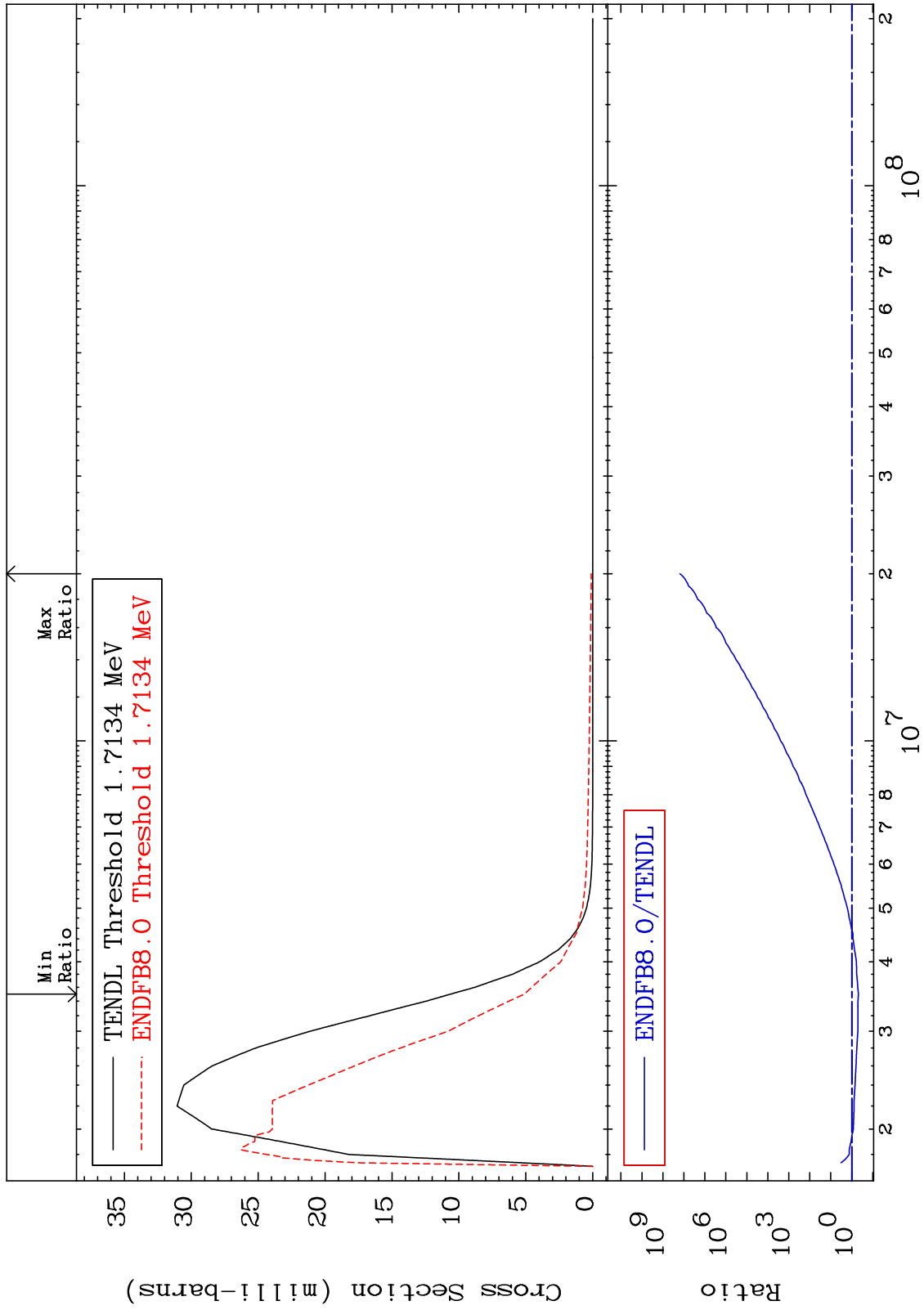
76-0s-188
-62.16 To 9999. %



MAT 7637

MT= 75 (n,n') Level
Cross Section

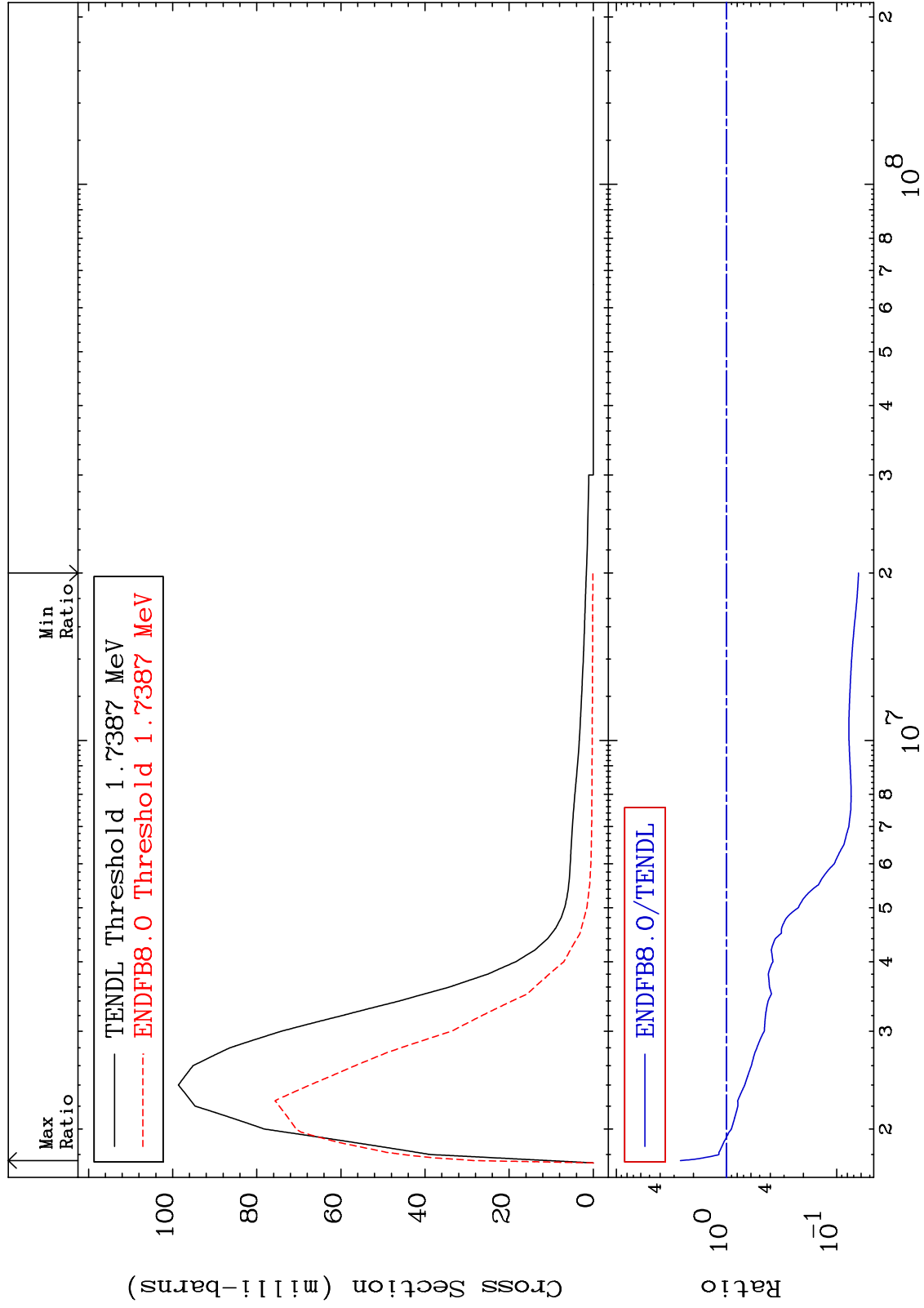
76-0s-188
-51.95 To 9999. %



MAT 7637

MT= 76 (n,n') Level
Cross Section

76-0s-188
-93.67 To 162.0 %



36

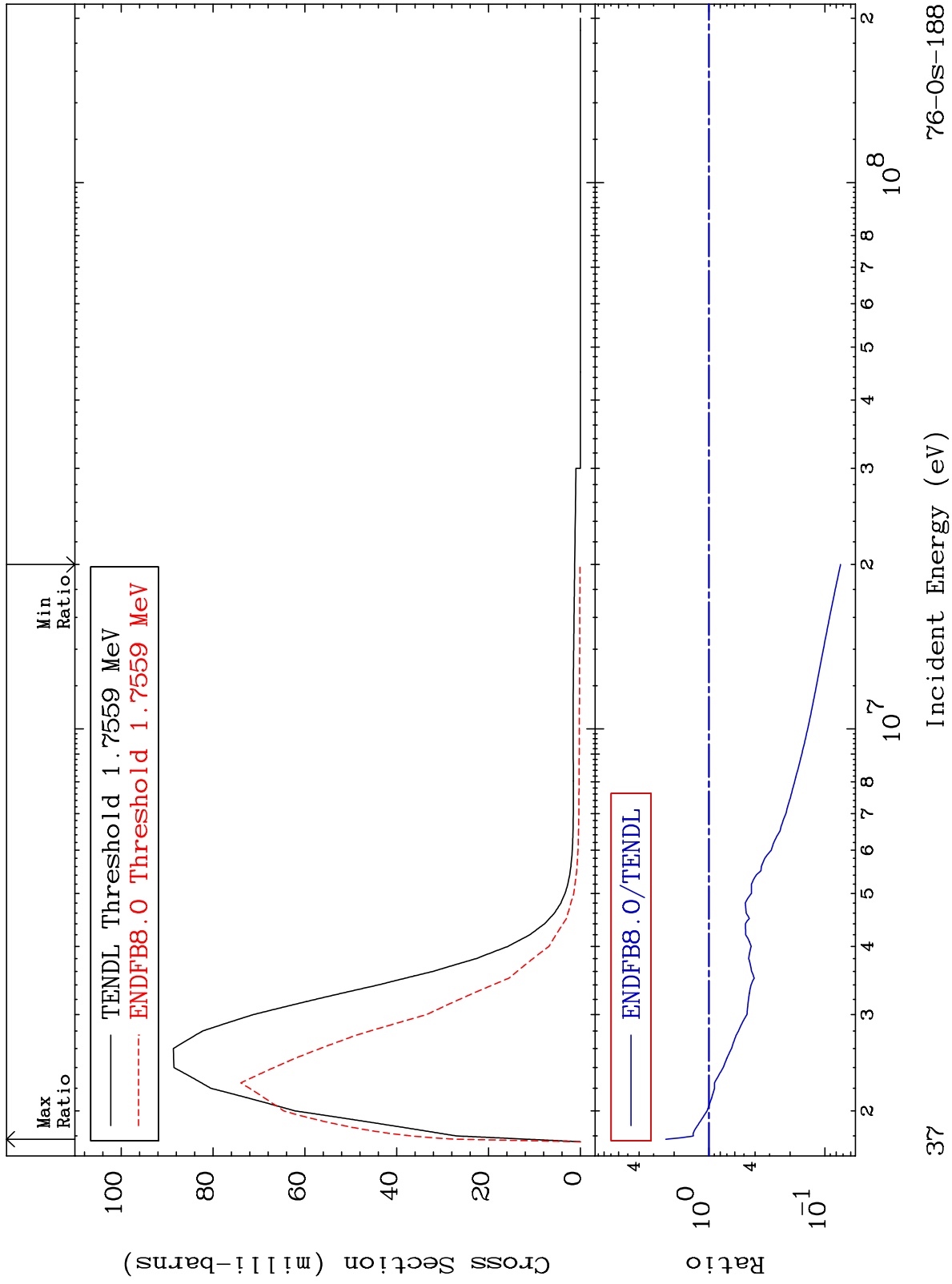
Incident Energy (eV)

76-0s-188

MAT 7637

MT= 77 (n,n') Level
Cross Section

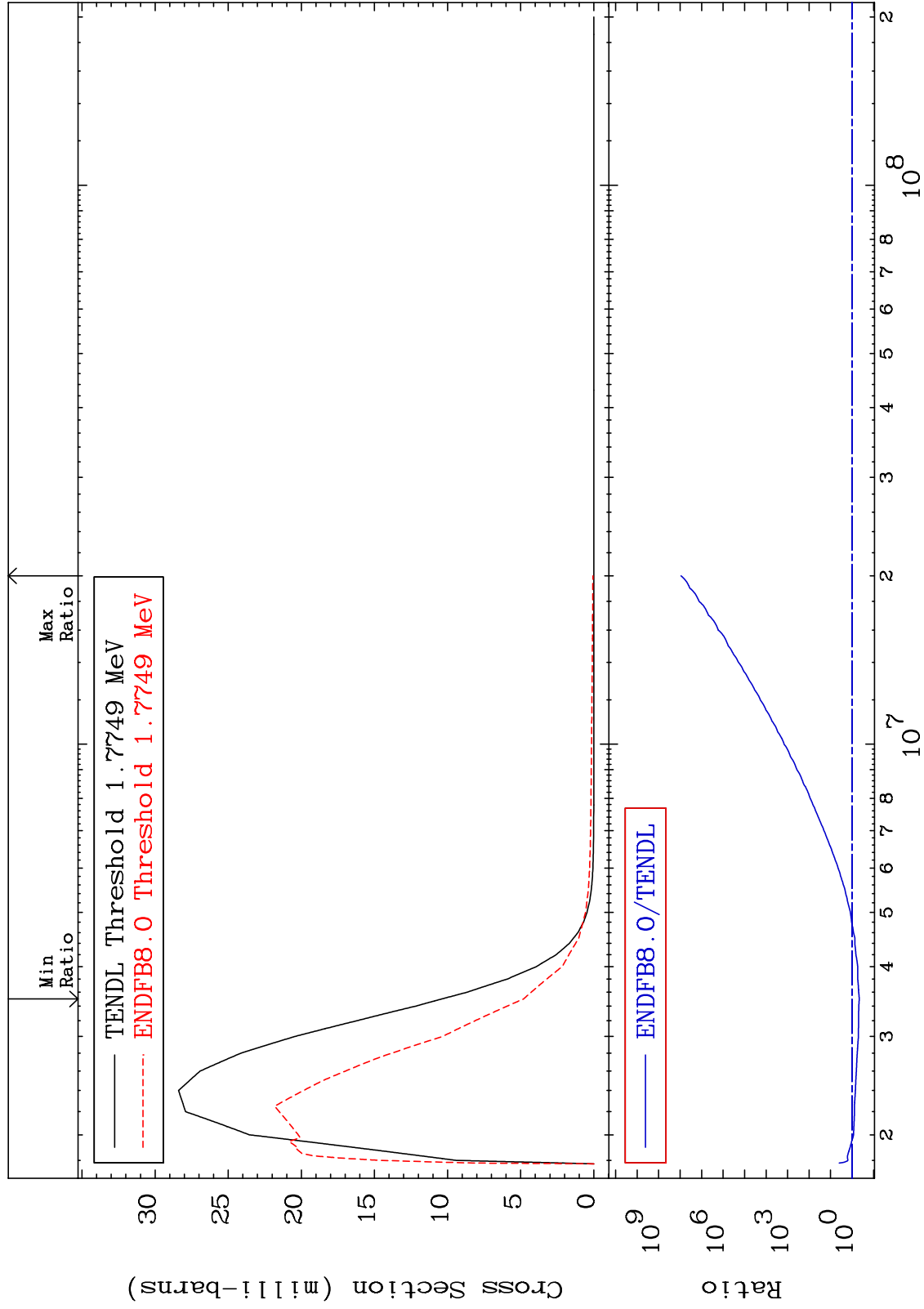
76-0s-188
-92.65 To 135.2 %



MAT 7637

MT= 78 (n,n') Level
Cross Section

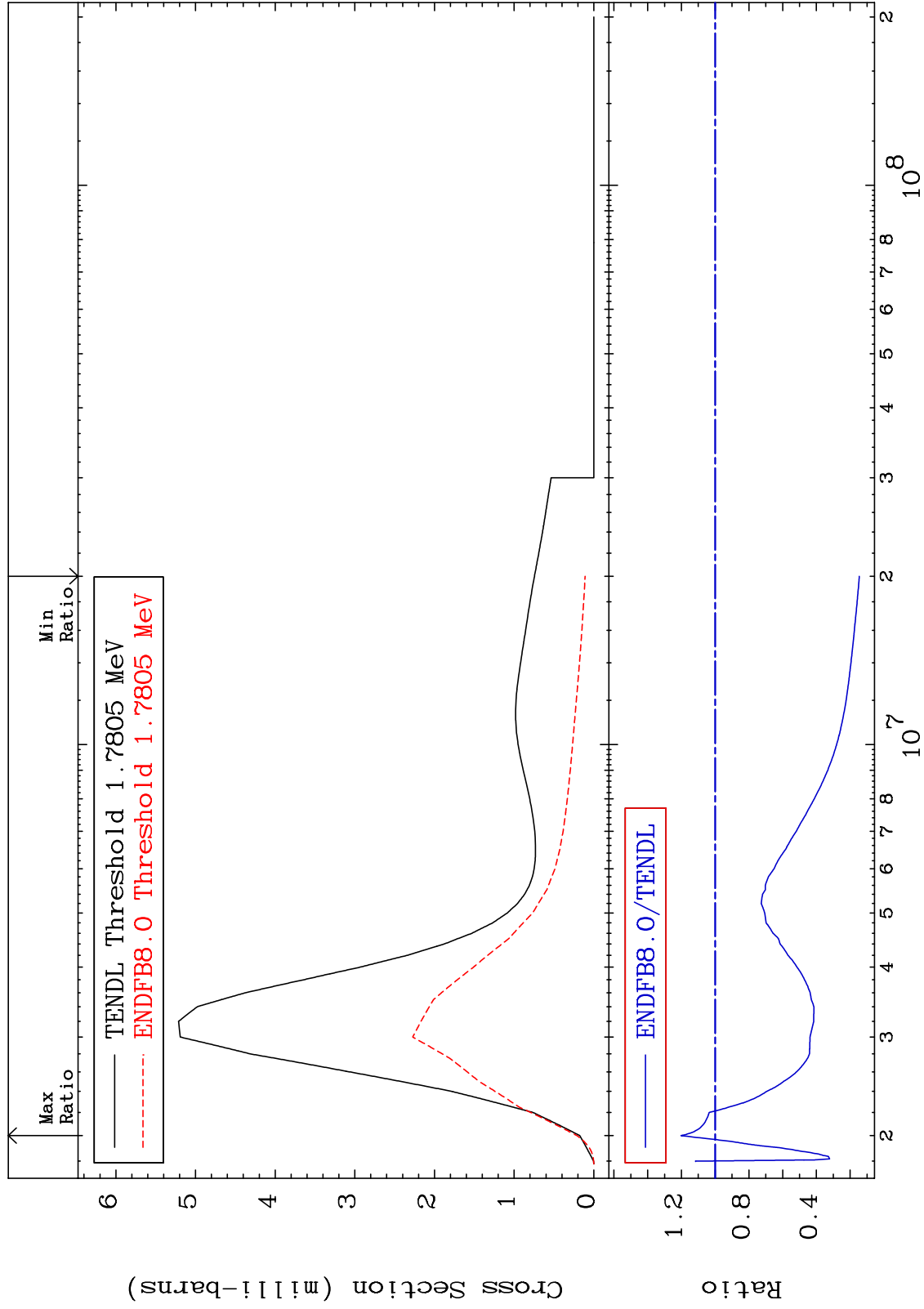
76-0s-188
-53.80 To 9999. %



MAT 7637

MT= 79 (n,n') Level
Cross Section

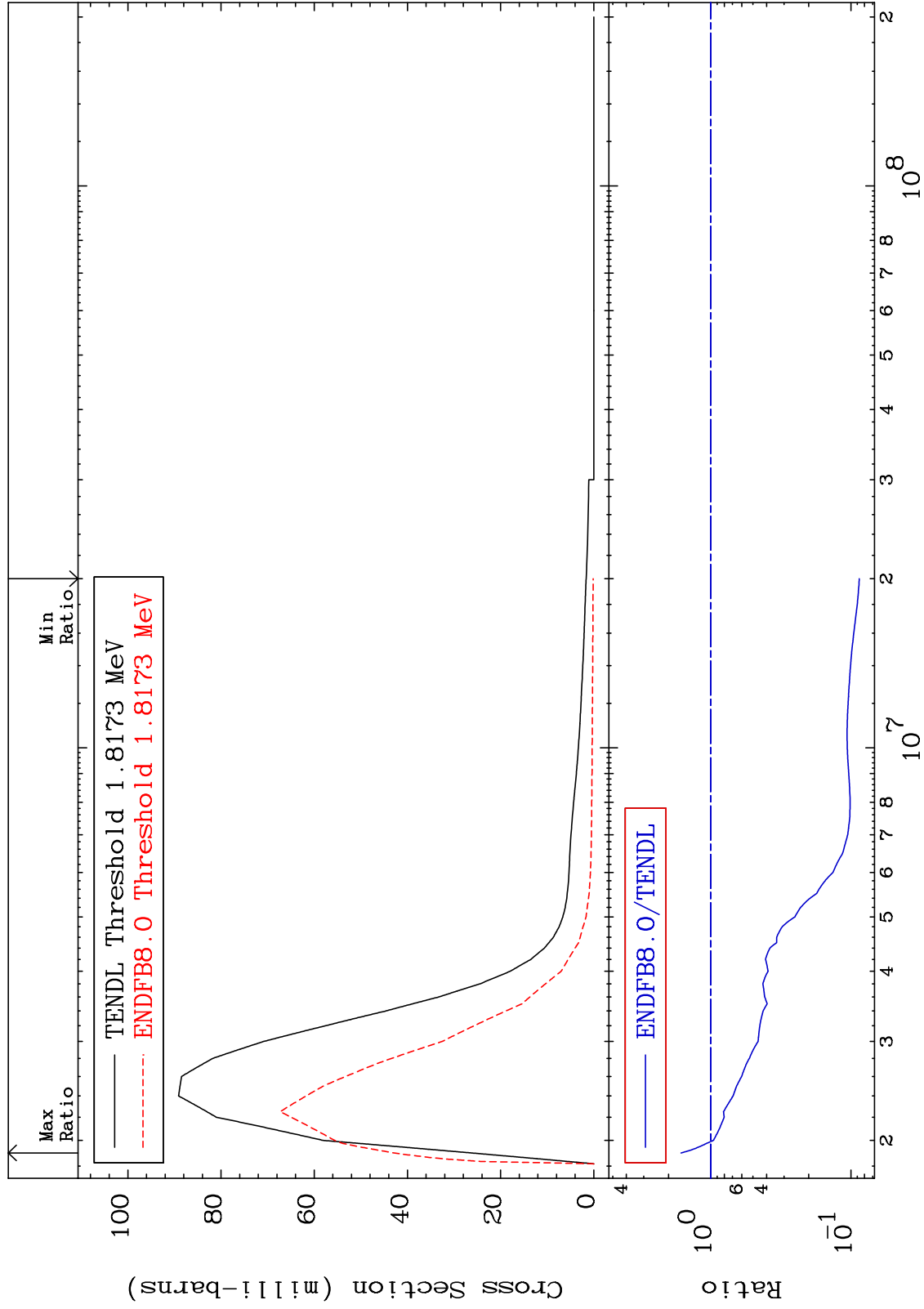
76-0s-188
-85.41 To 20.23 %



MAT 7637

MT= 80 (n,n') Level
Cross Section

76-0s-188
-91.28 To 62.78 %



40

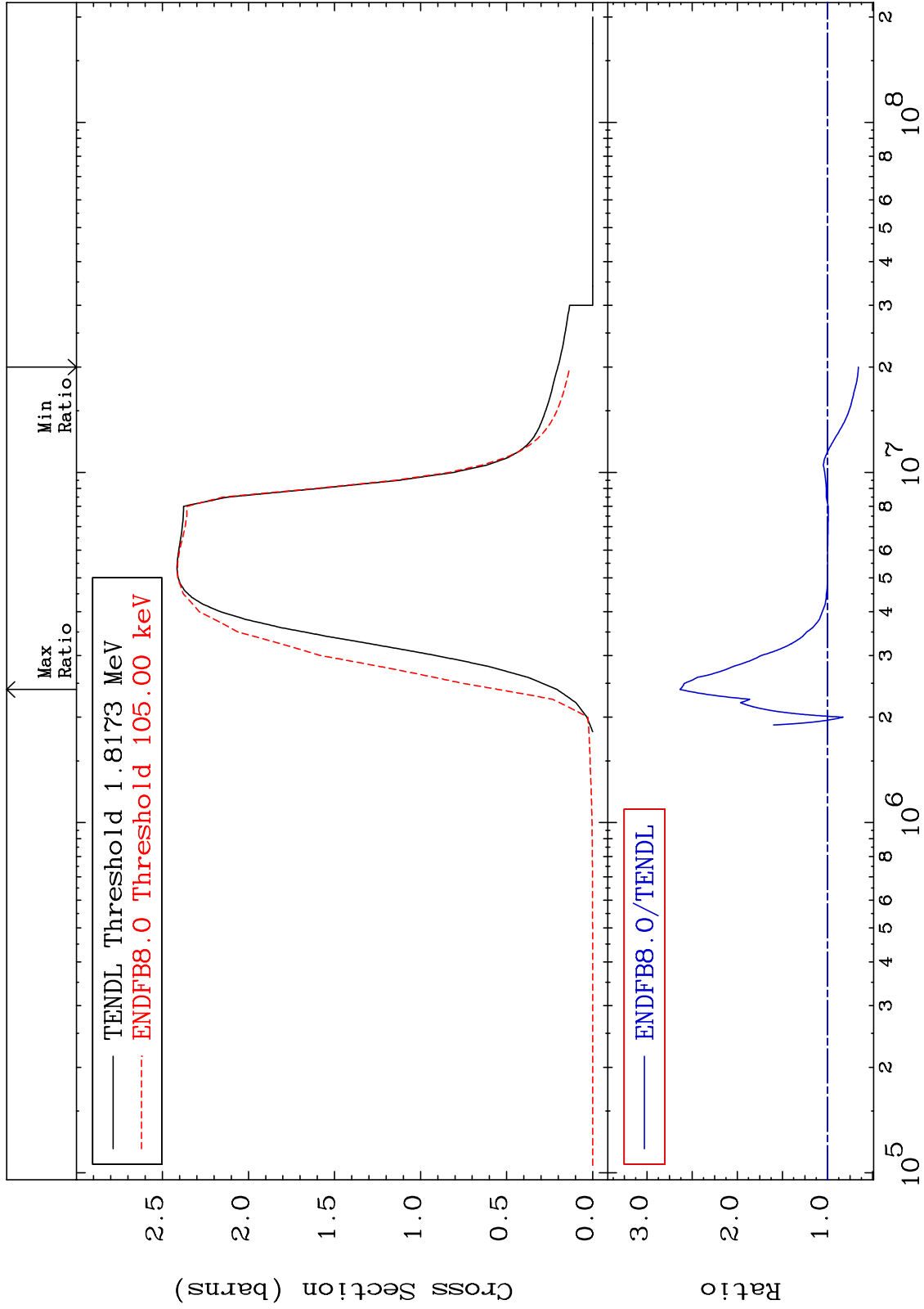
Incident Energy (eV)

76-0s-188

MAT 7637

(n, n') Continuum
Cross Section

76-0s-188
-34.28 To 163.4 %



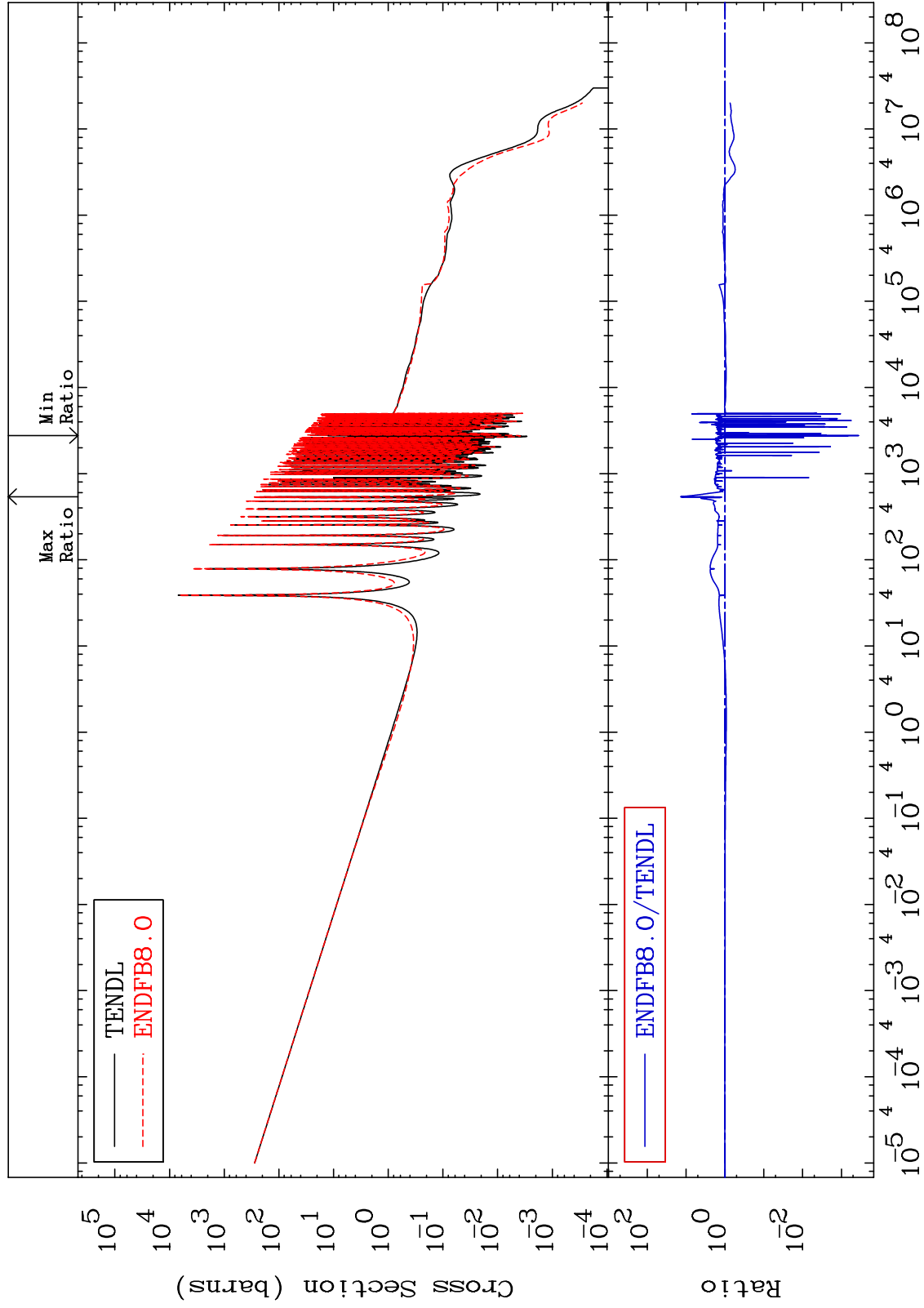
41

76-0s-188

MAT 7637

(n, γ)
Cross Section

76-0s-188
-99.96 To 1300. %



42

Incident Energy (eV)

76-0s-188

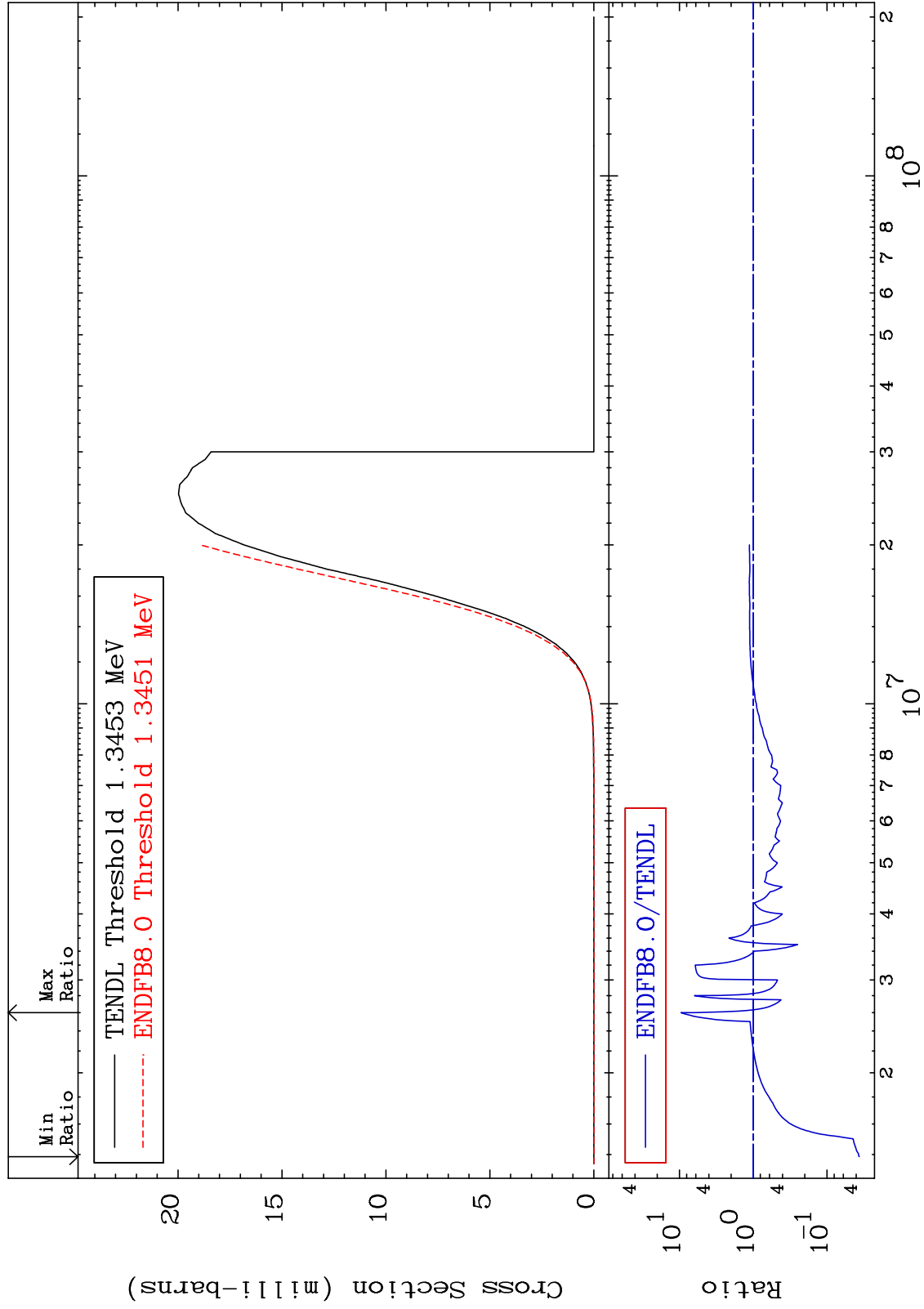
MAT 7637

(n, p)

76-0s-188

Cross Section

-96.36 To 851.7 %



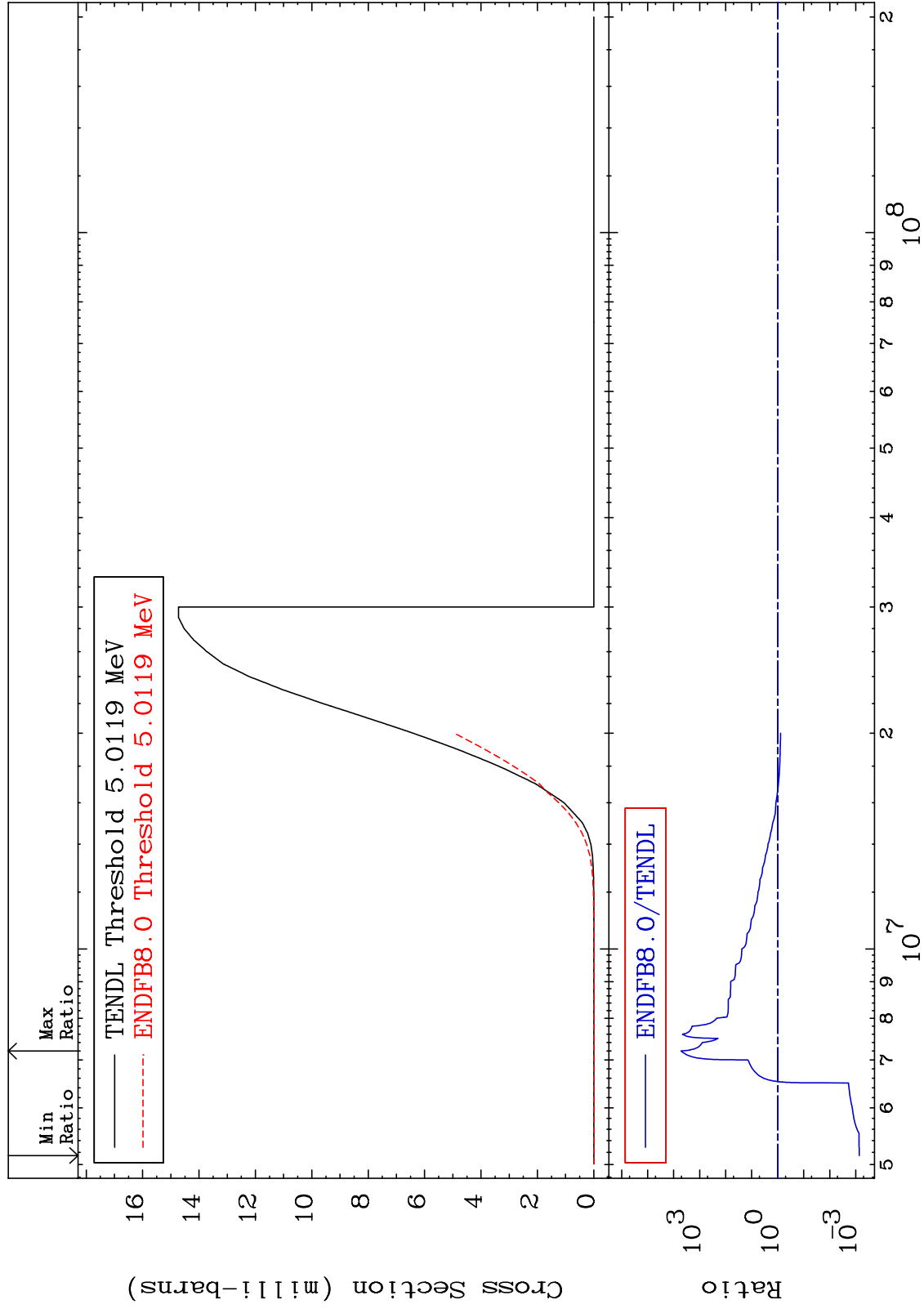
MAT 7637

(n, d)

76-0s-188

Cross Section

-99.93 To 9999. %



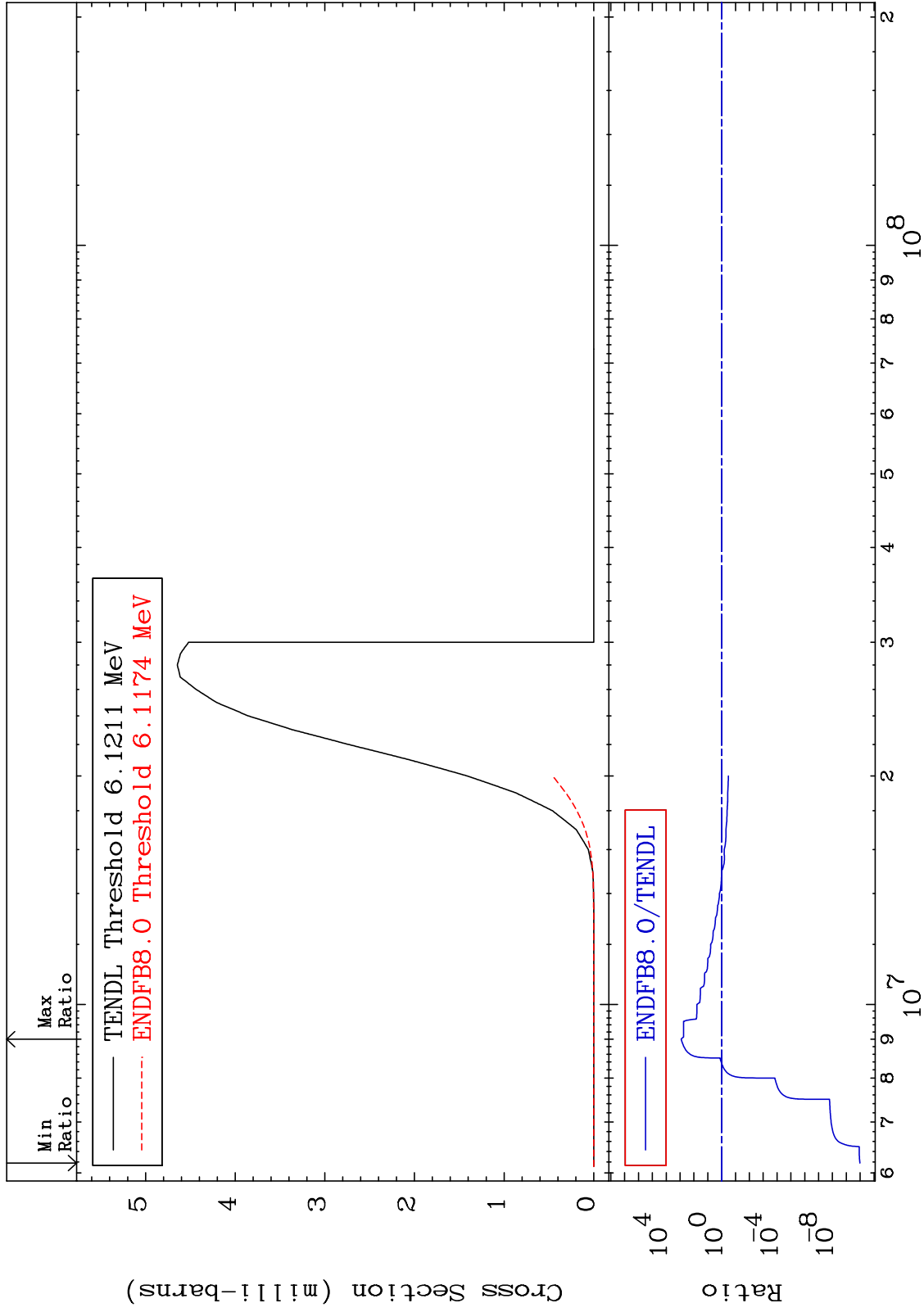
MAT 7637

(n, t)

76-0s-188

Cross Section

-100.0 To 9999. %



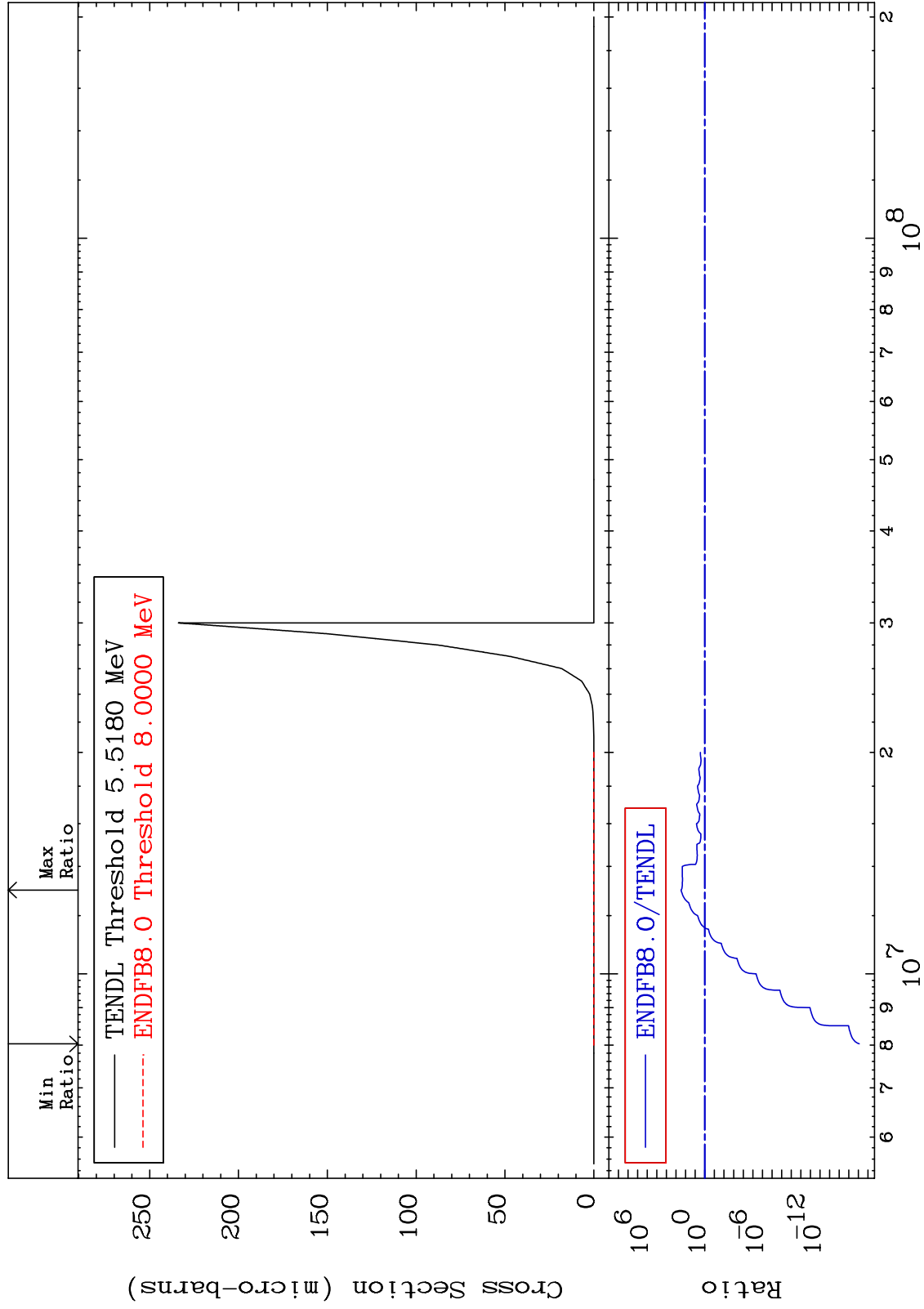
MAT 7637

(n, He-3)

76-0s-188

Cross Section

-100.0 To 9999. %



46

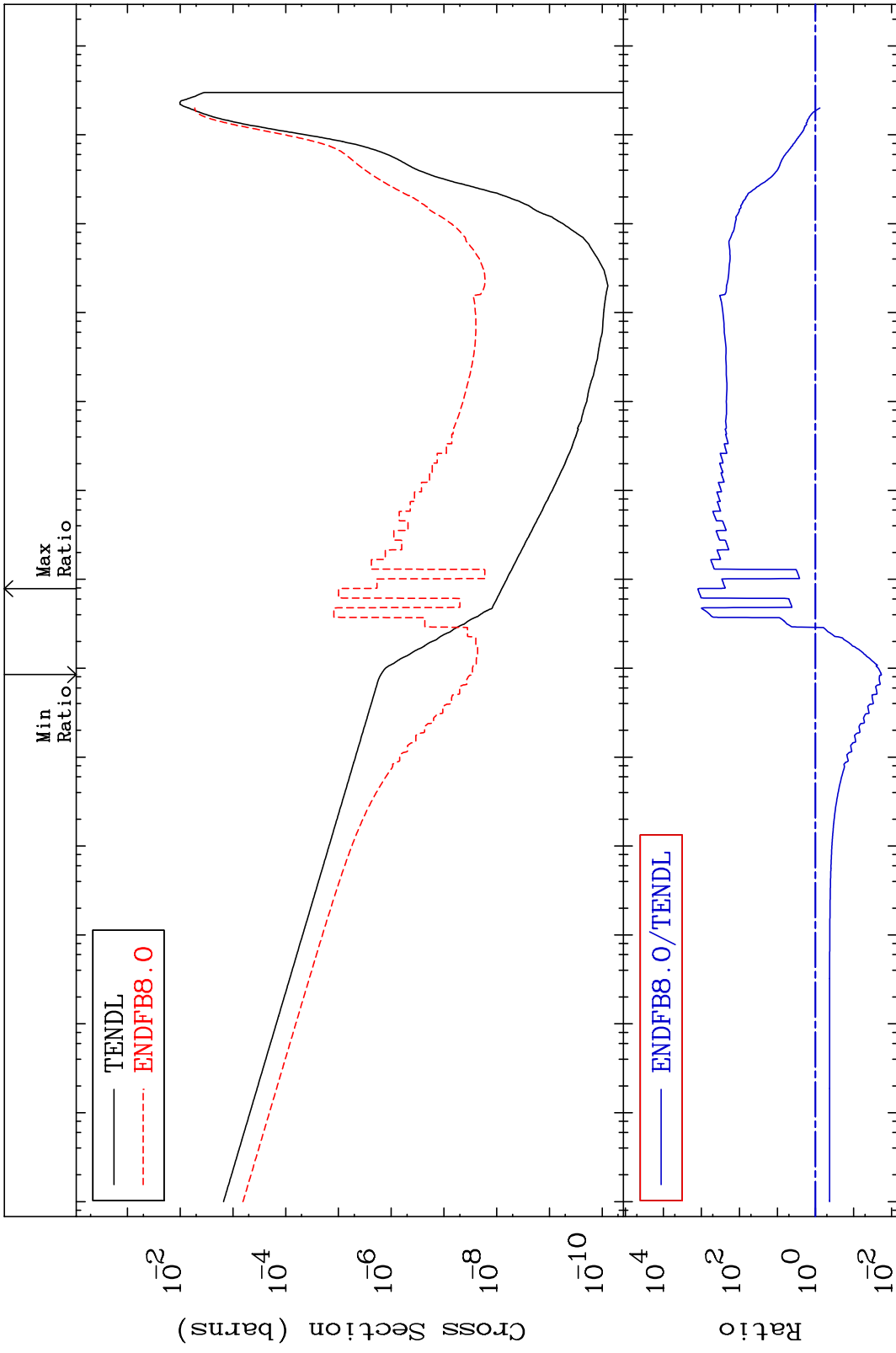
Incident Energy (eV)

76-0s-188

MAT 7637

(n, α)
Cross Section

76-0s-188
-98.16 To 9999. %



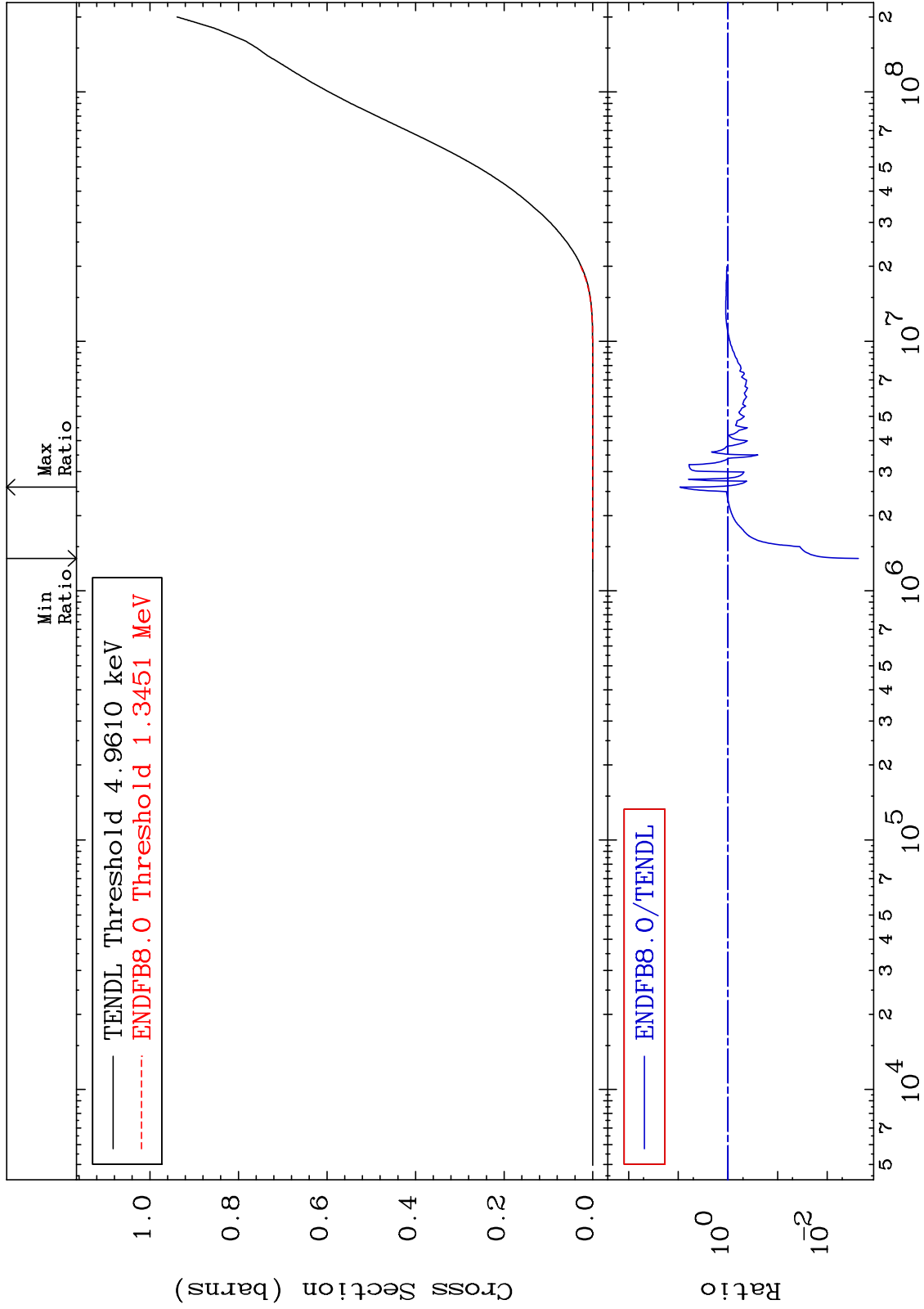
— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

MAT 7637

Hydrogen Production
Cross Section

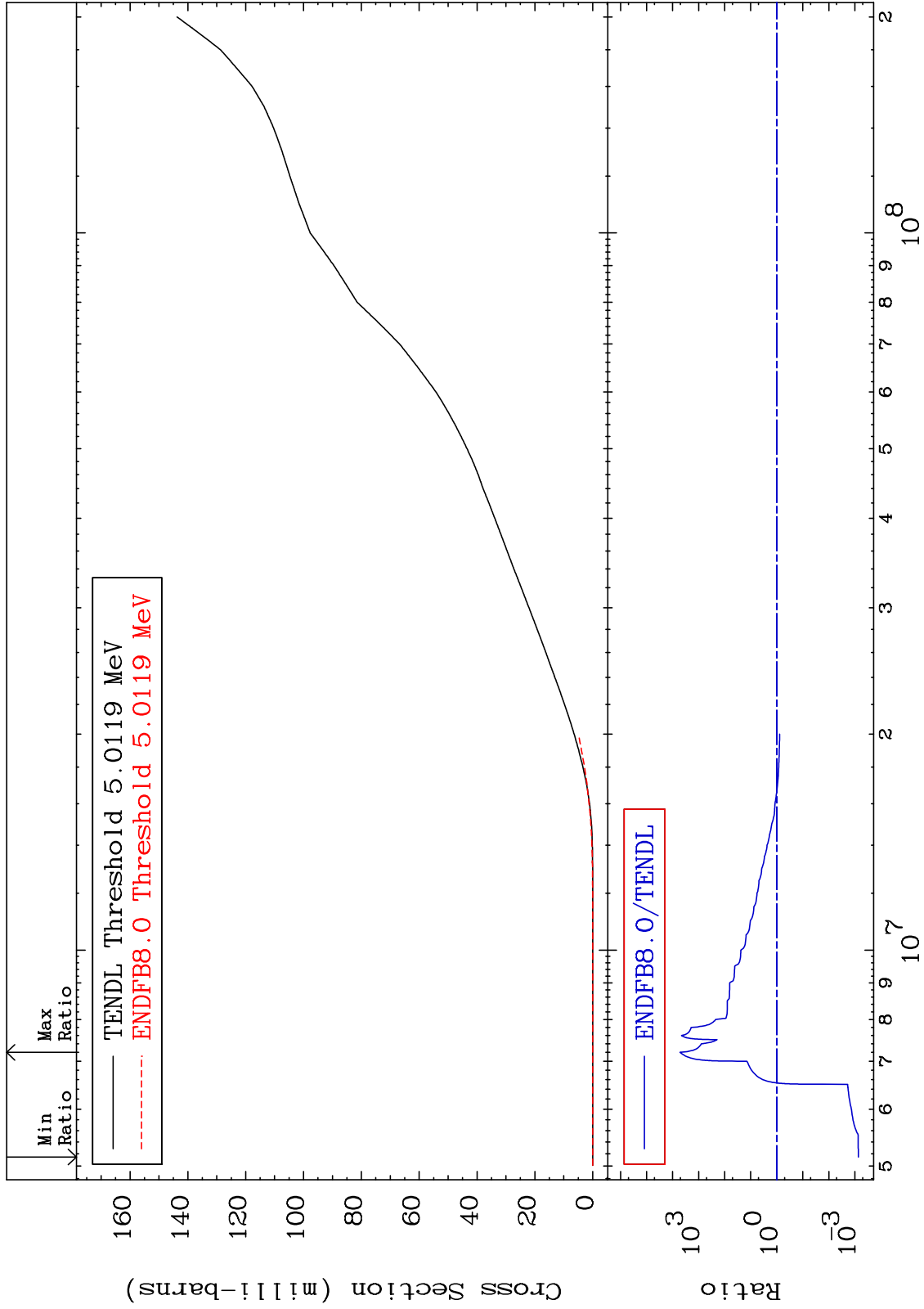
76-0s-188
-99.76 To 823.7 %



MAT 7637

Deuterium Production
Cross Section

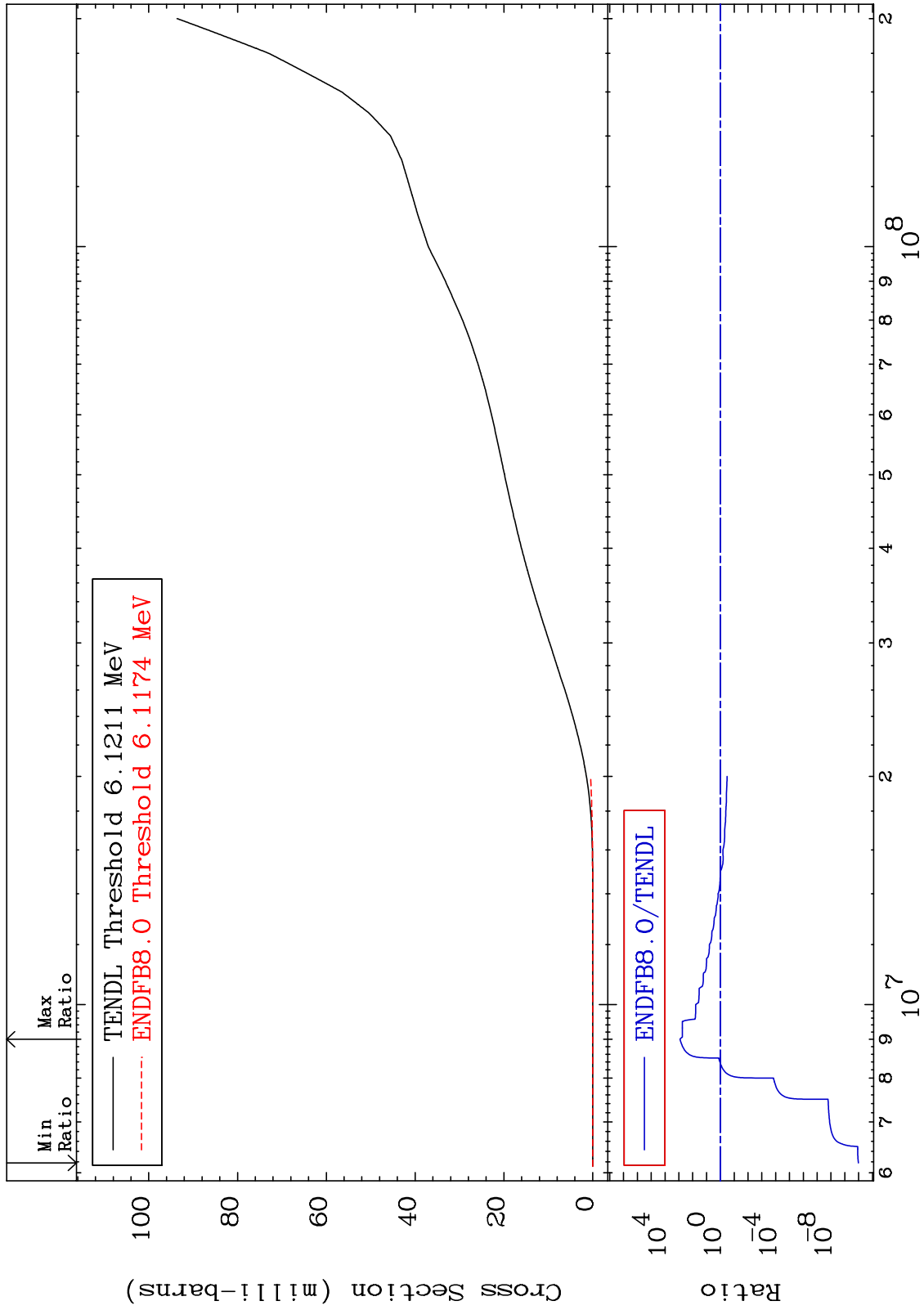
76-0s-188
-99.93 To 9999. %



MAT 7637

Tritium Production
Cross Section

⁷⁶Os-188
-100.0 To 9999. %



50

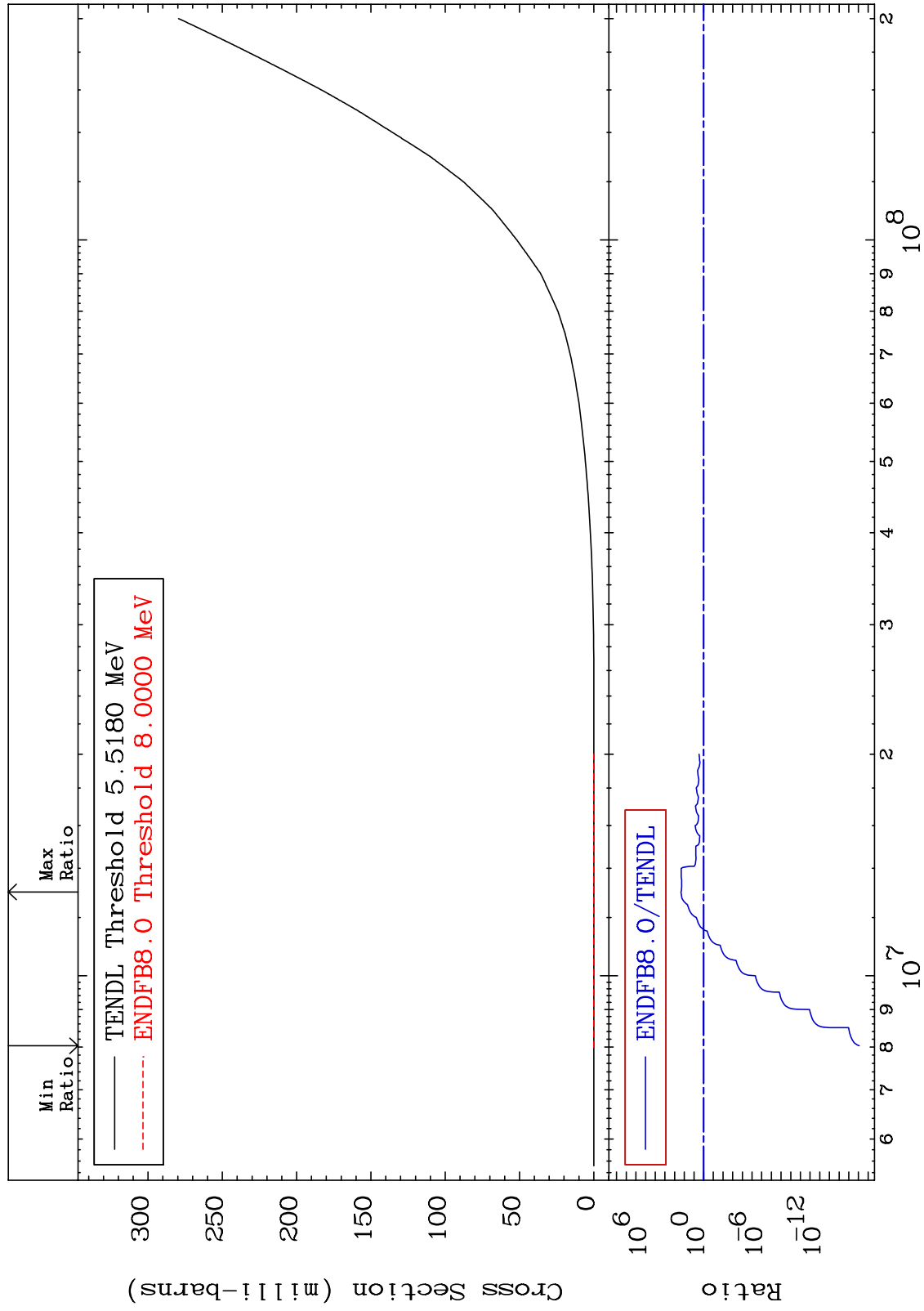
Incident Energy (eV)

⁷⁶Os-188

MAT 7637

He-3 Production
Cross Section

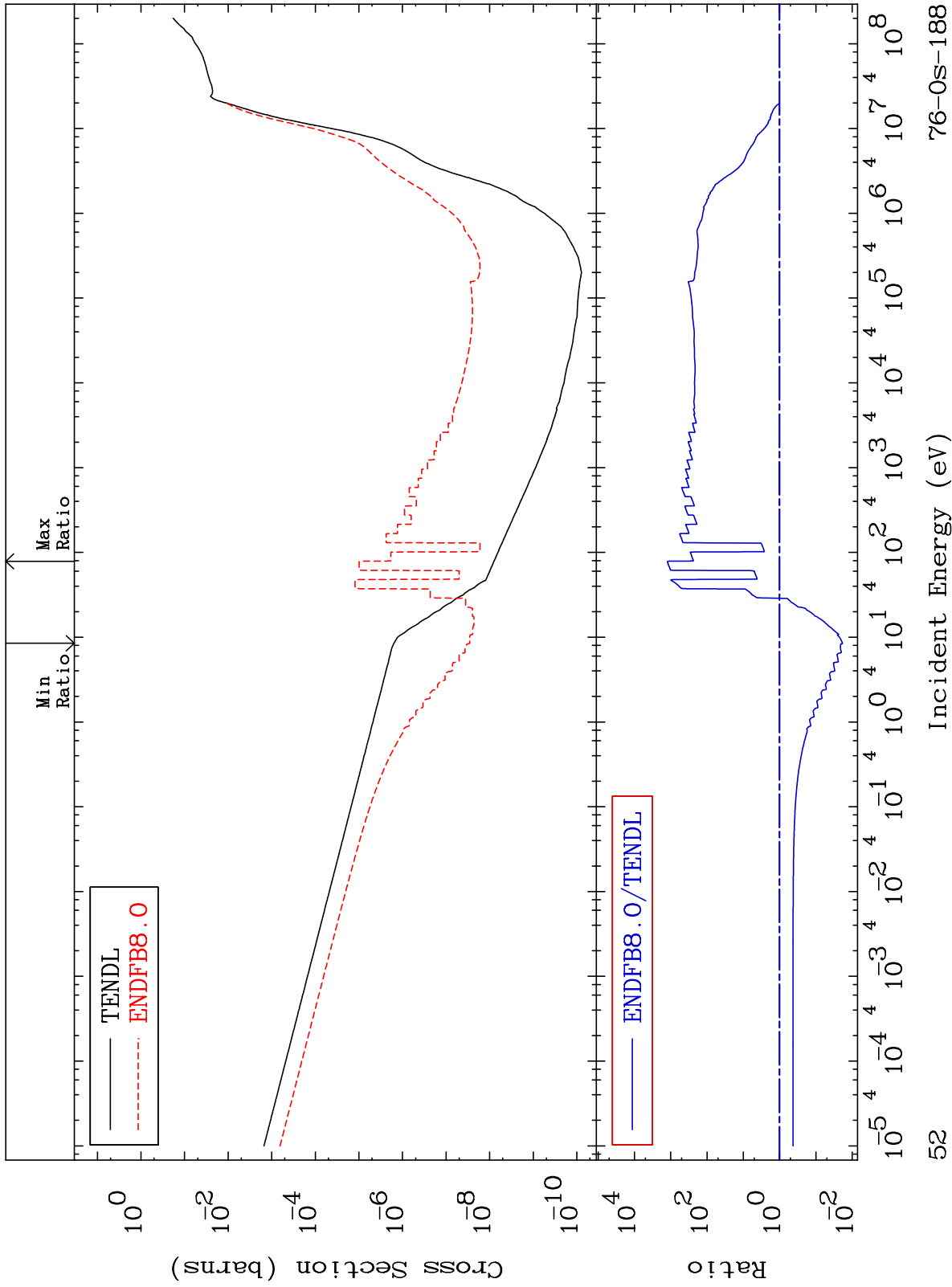
76-0s-188
-100.0 To 9999. %



MAT 7637

He-4 Production
Cross Section

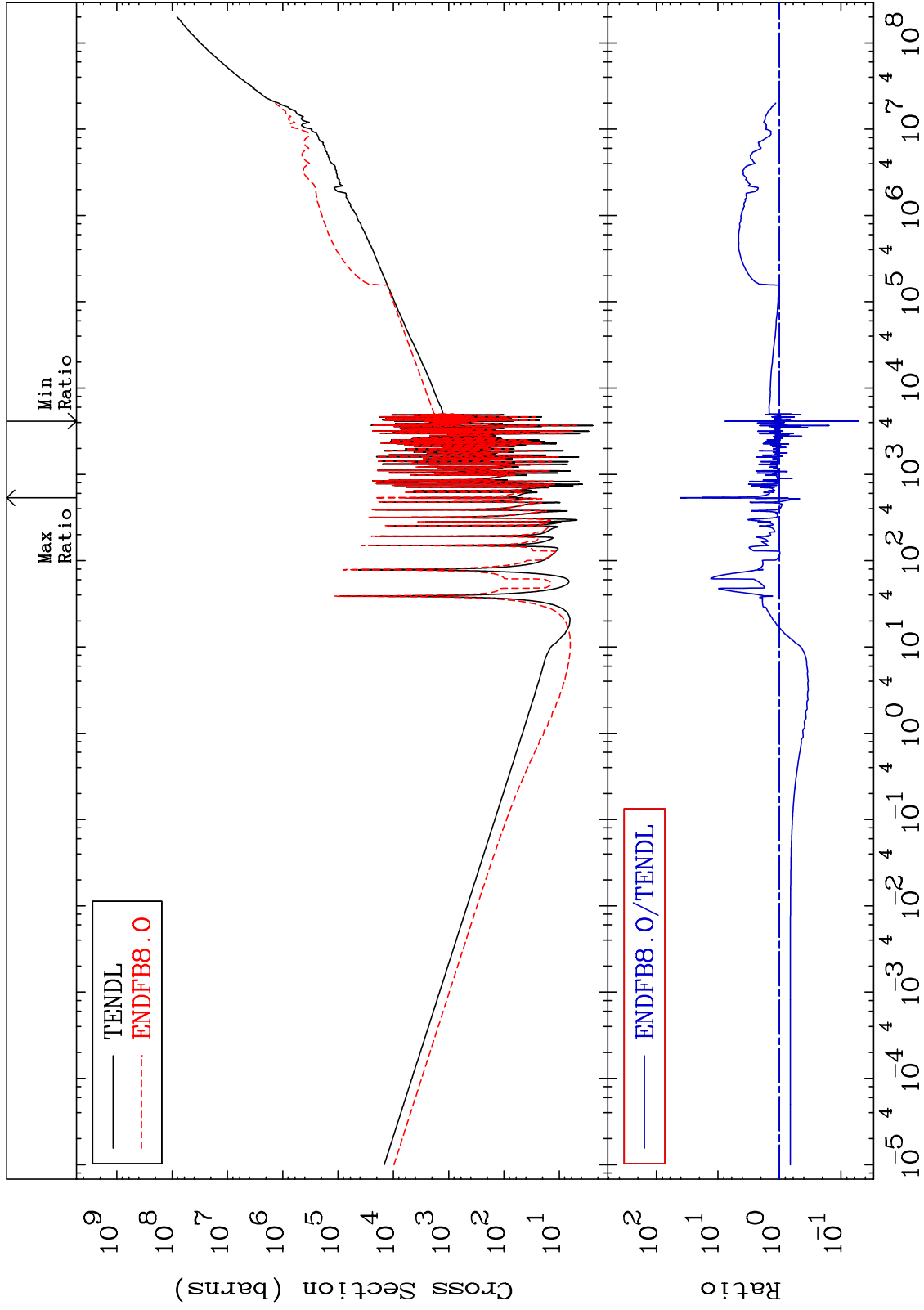
76-0s-188
-98.16 To 9999. %



MAT 7637

Kerma total (eV-barns)
Cross Section

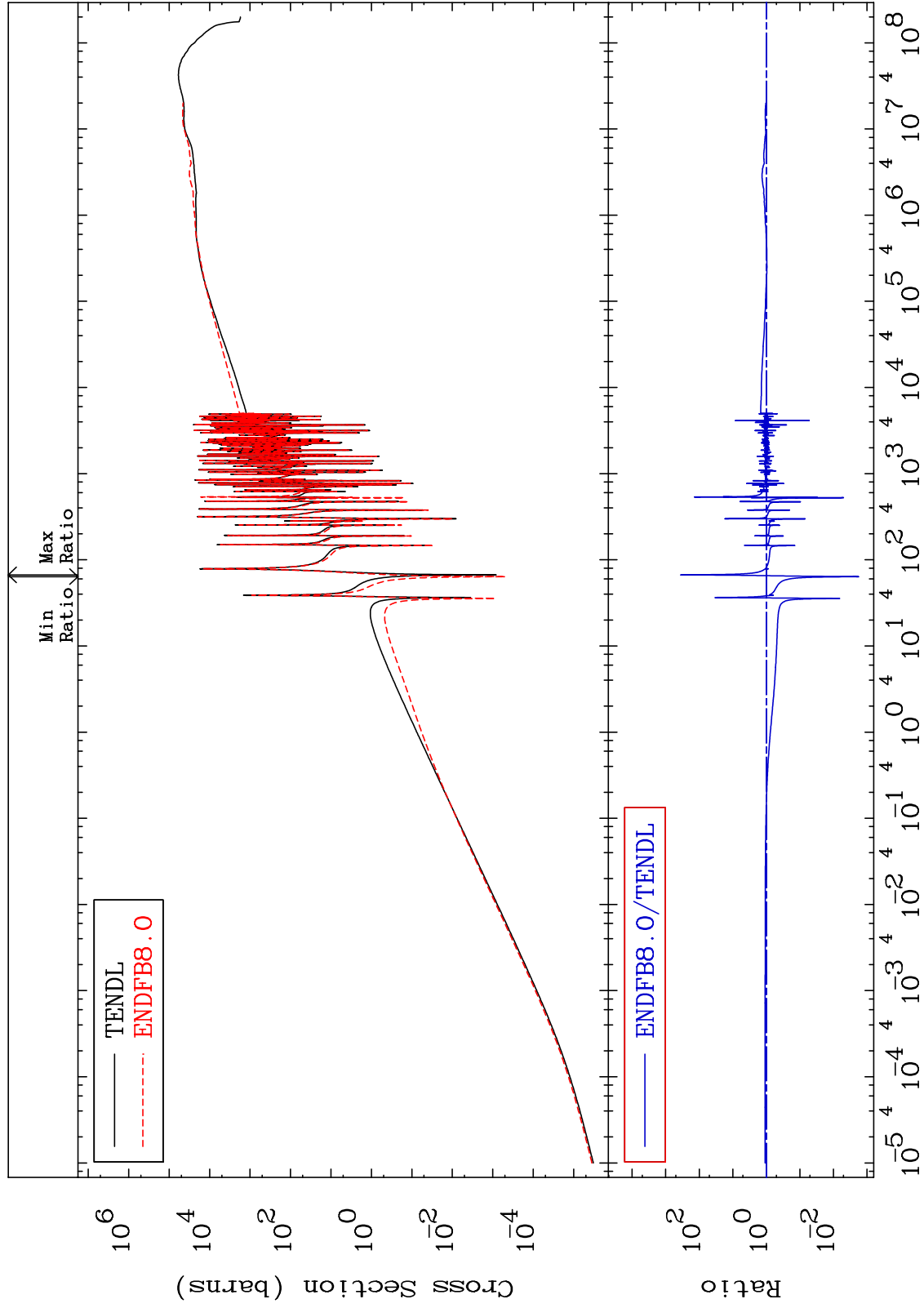
76-0s-188
-94.80 To 4036. %



MAT 7637

Kerma elastic
Cross Section

76-0s-188
-99.82 To 9999. %



54

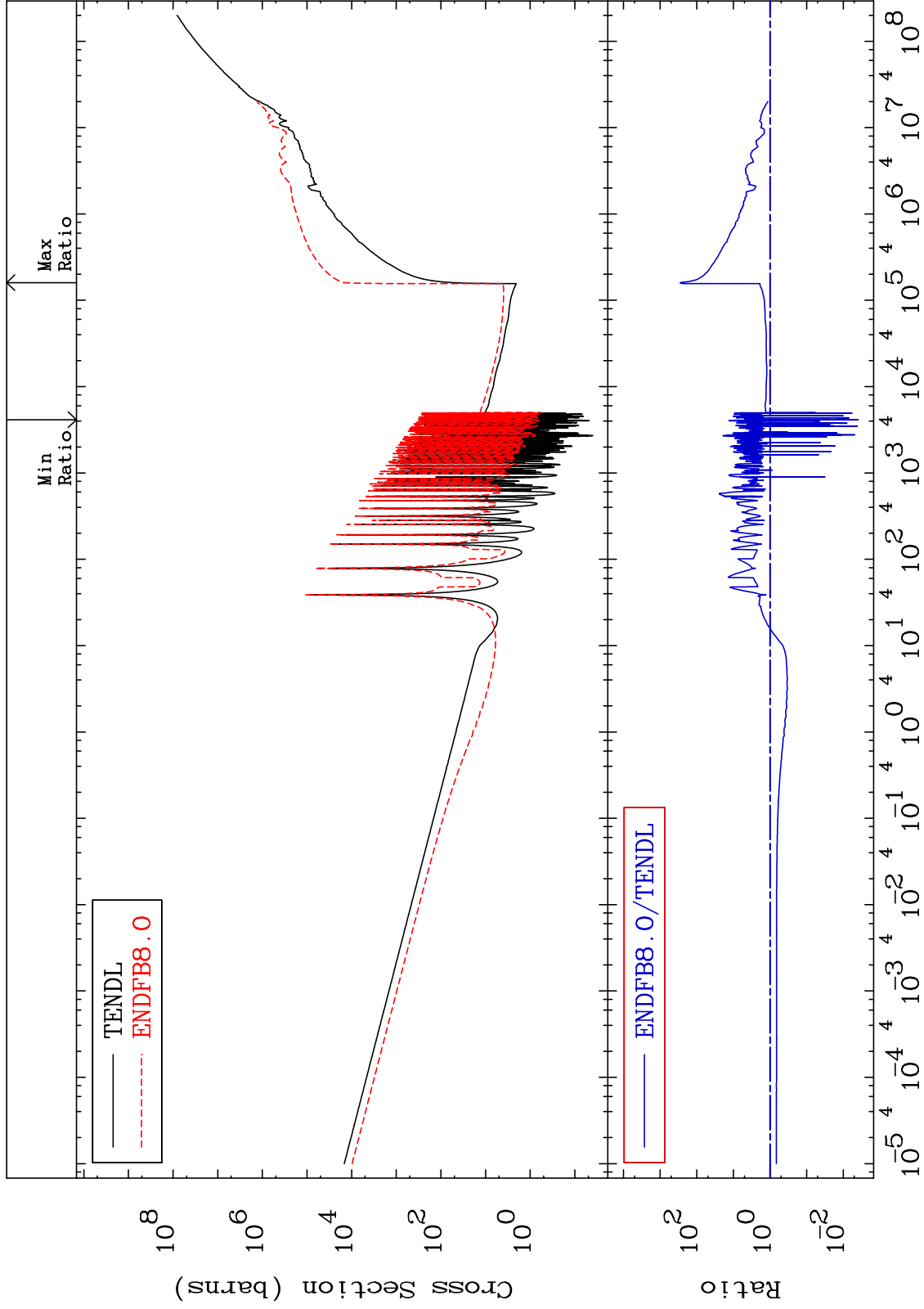
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma non-elastic (all but mt2)
Cross Section

76-0s-188
-99.61 To 9999. %



55

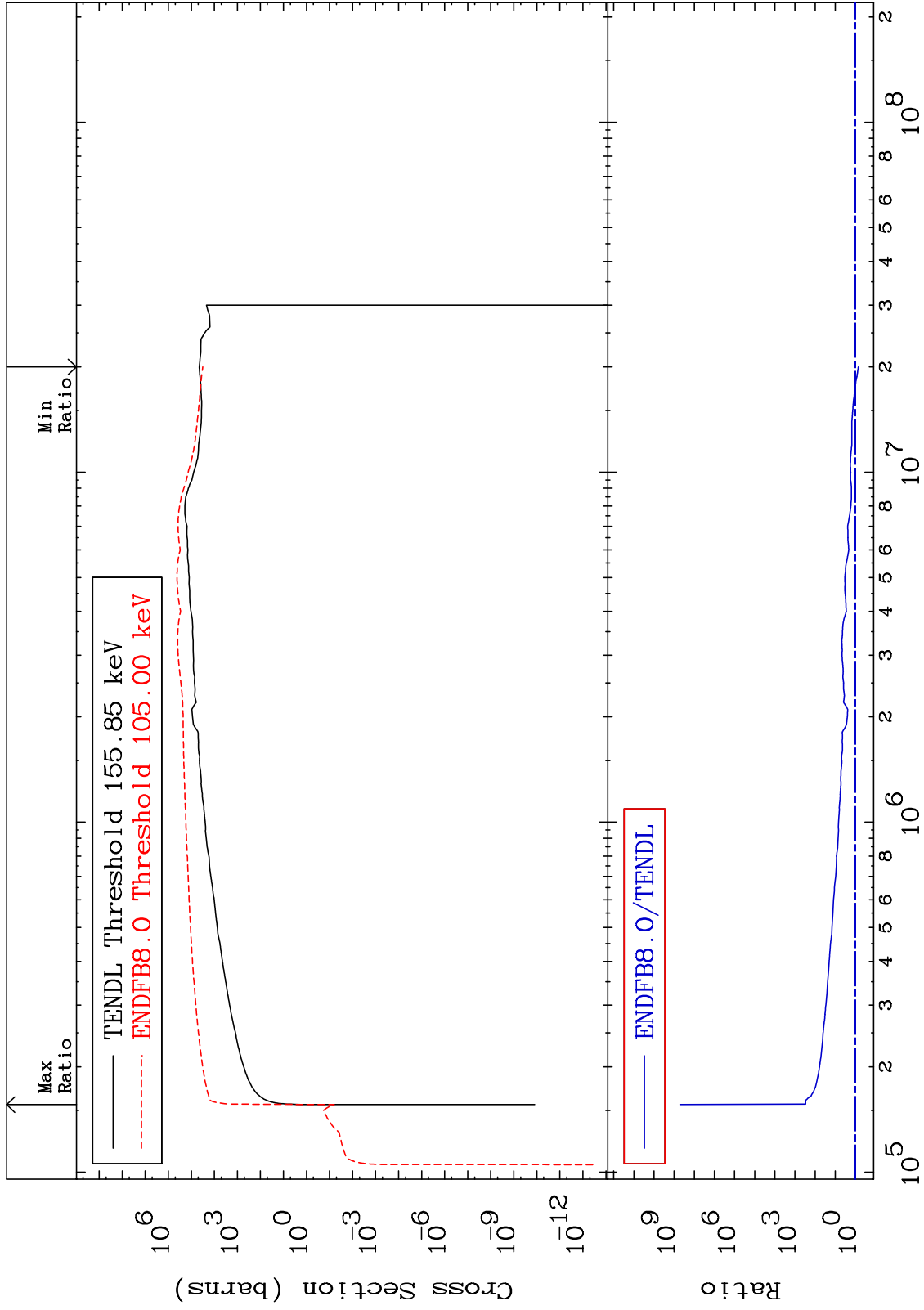
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma inelastic (mt51-91)
Cross Section

76-0s-188
-28.98 To 9999. %



56

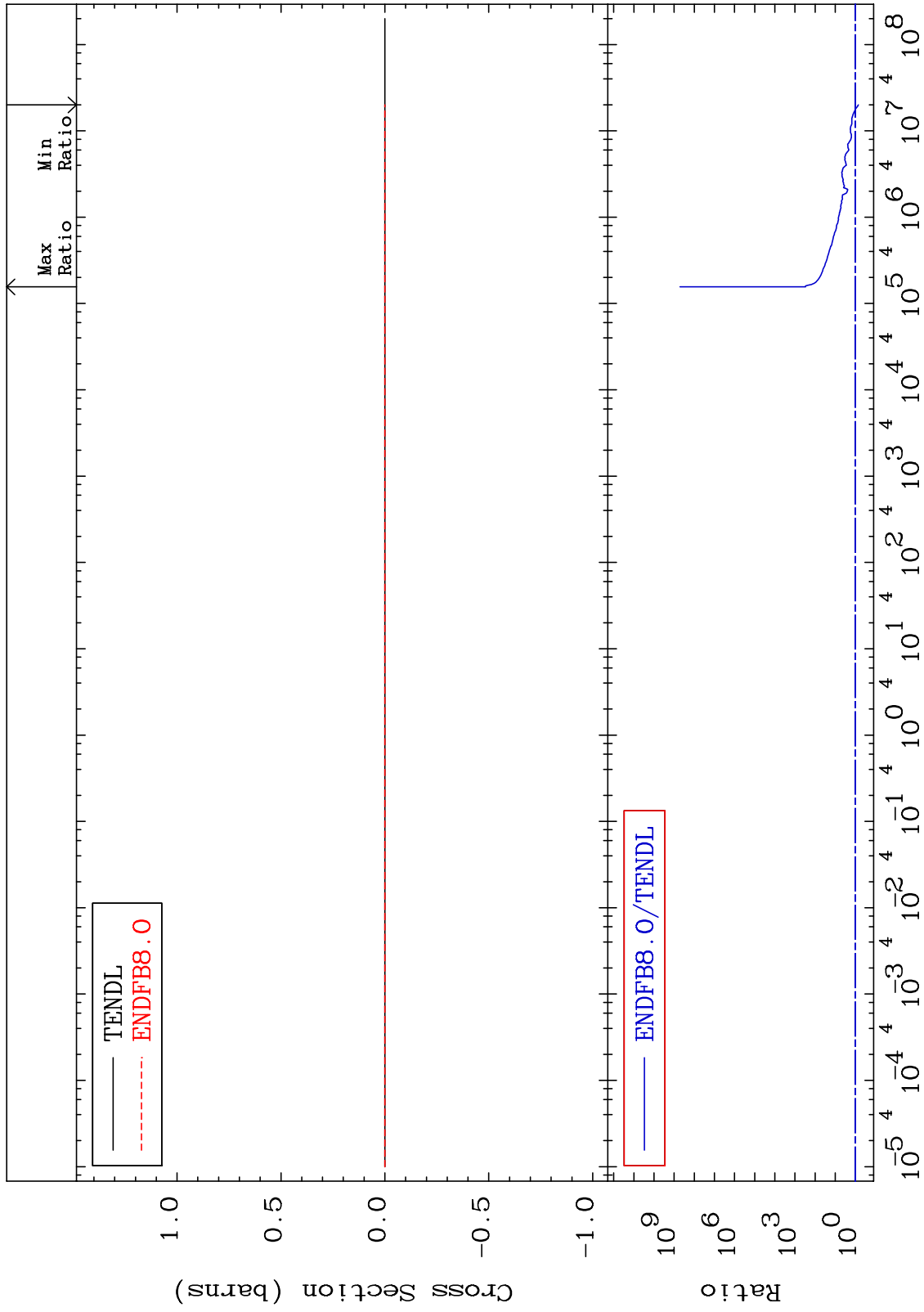
Incident Energy (eV)

76-0s-188

MAT 7637

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

76-0s-188
-28.98 To 9999. %



57

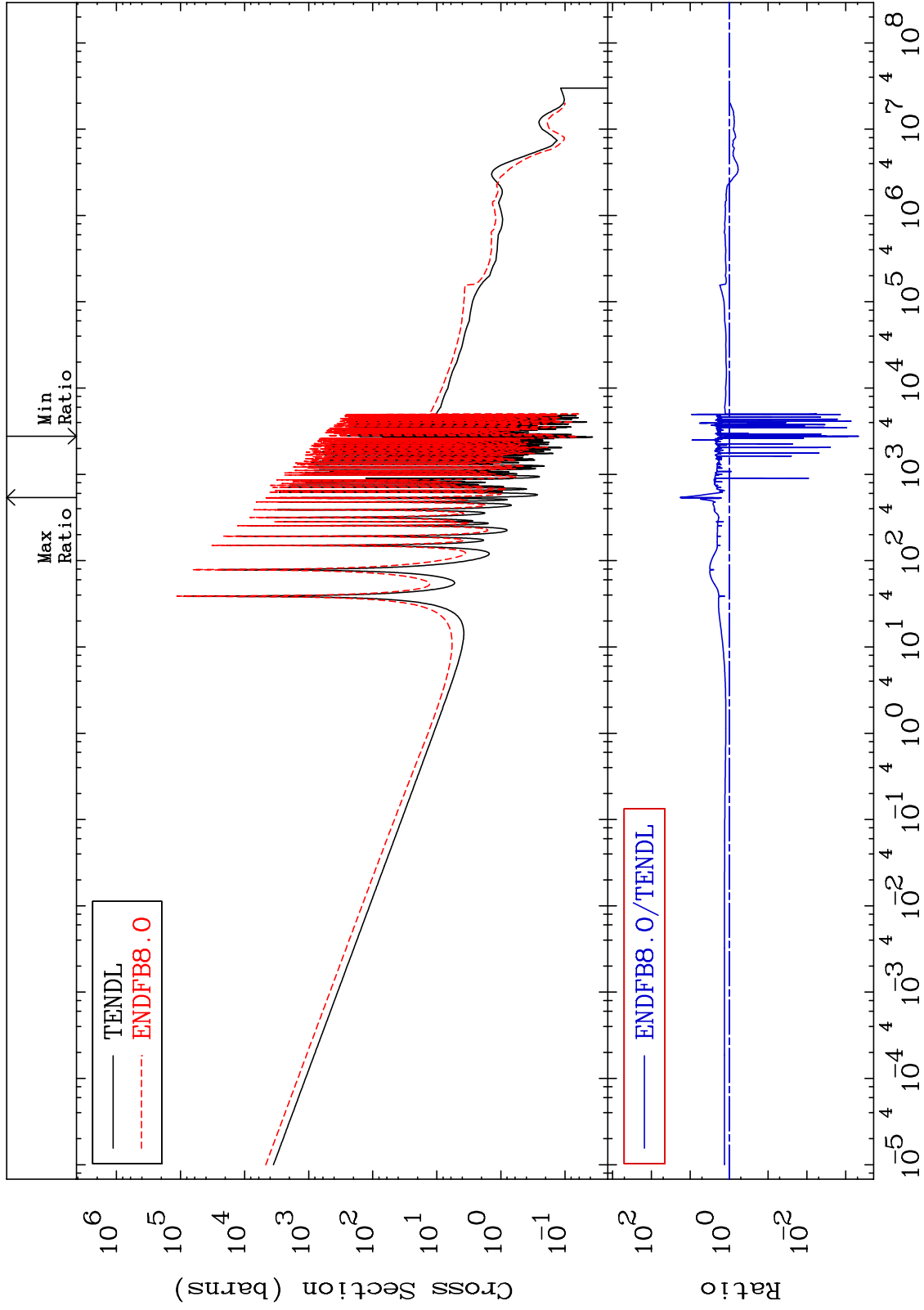
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma capture (mt102)
Cross Section

76-0s-188
-99.95 To 1737. %



58

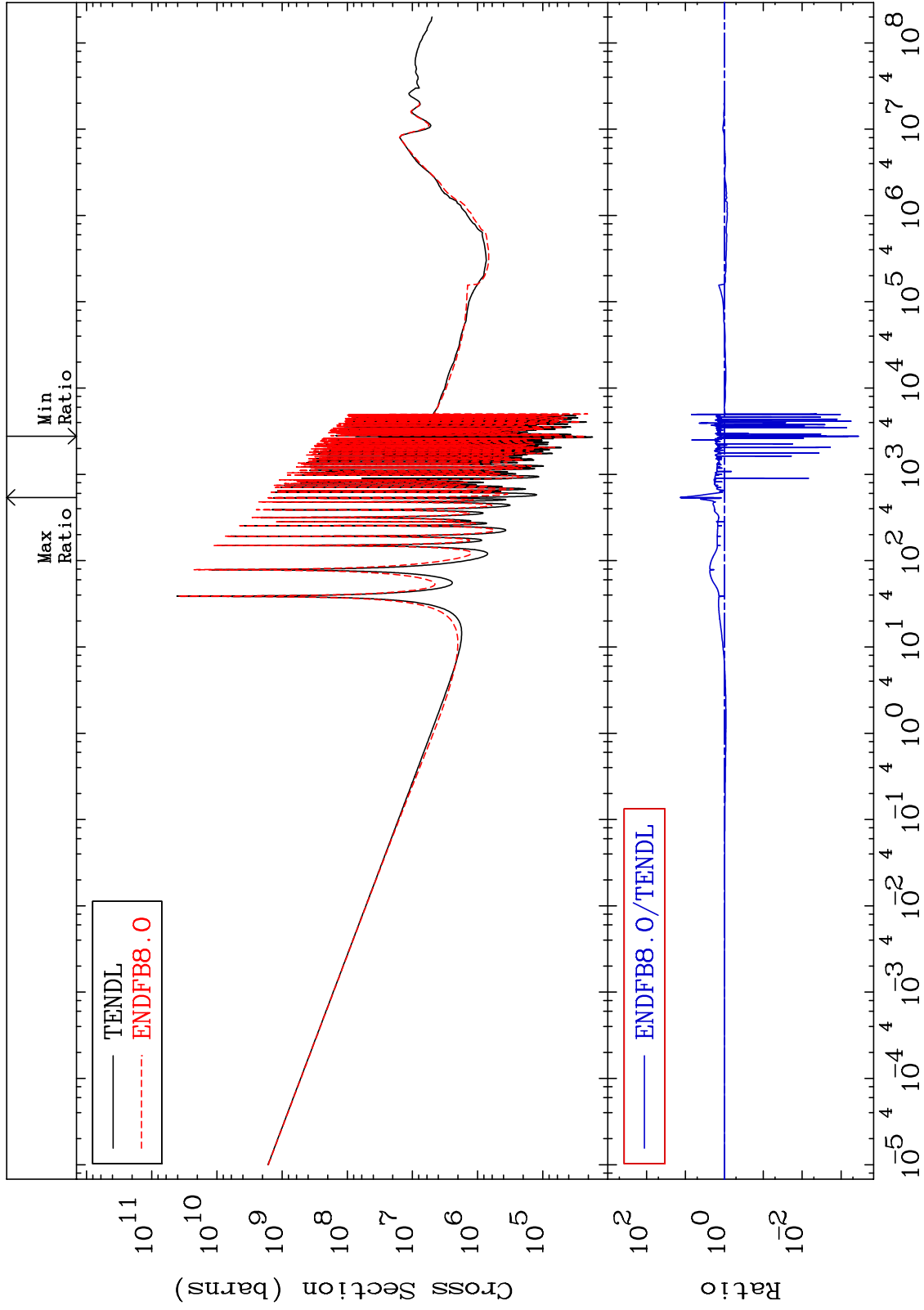
Incident Energy (eV)

76-0s-188

MAT 7637

Total photon (eV-barns)
Cross Section

76-0s-188
-99.96 To 1282. %



59

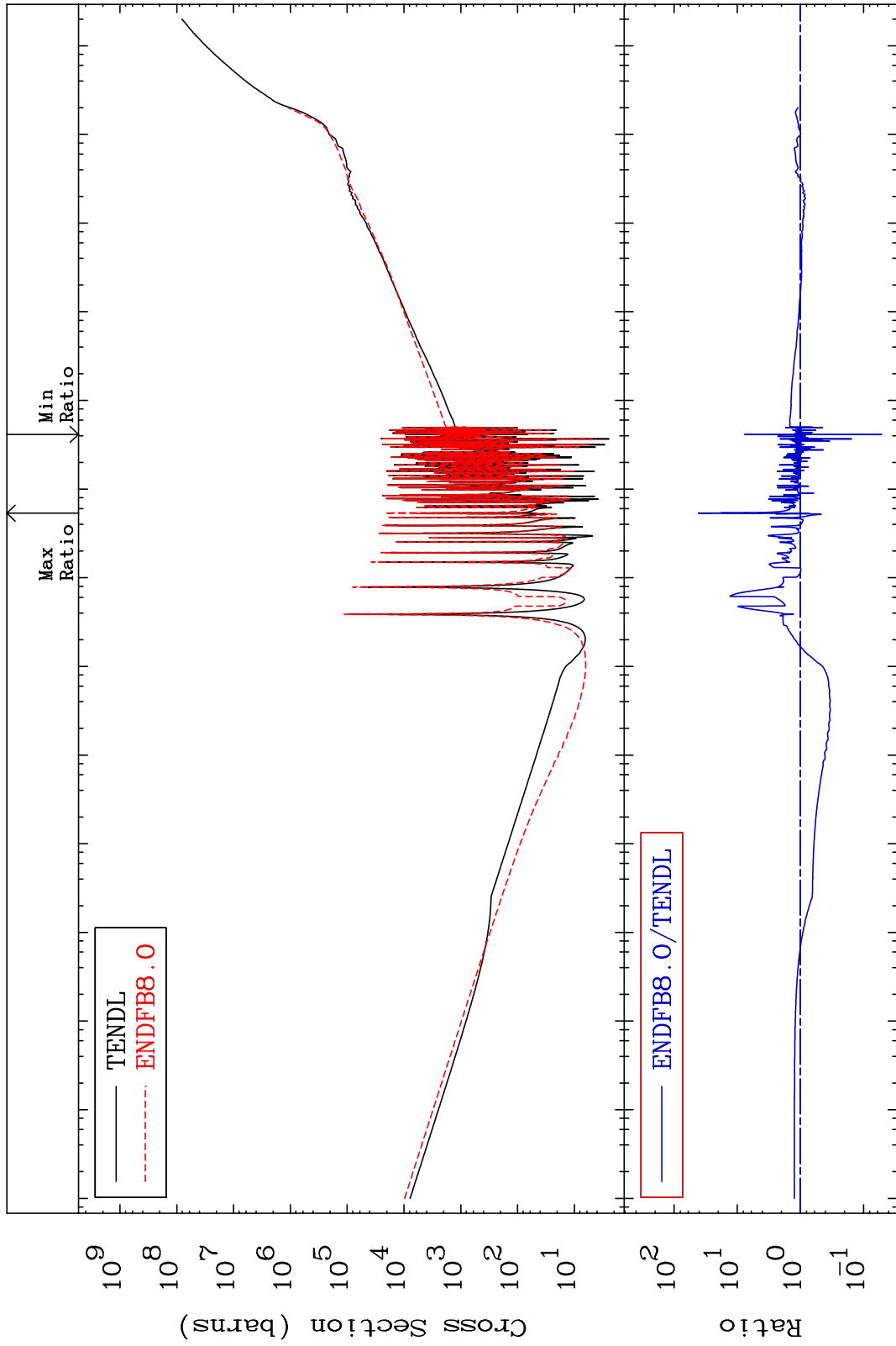
Incident Energy (eV)

76-0s-188

MAT 7637

Total kinematic kerma (high limit)
Cross Section

76-0s-188
-94.80 To 4036. %



60

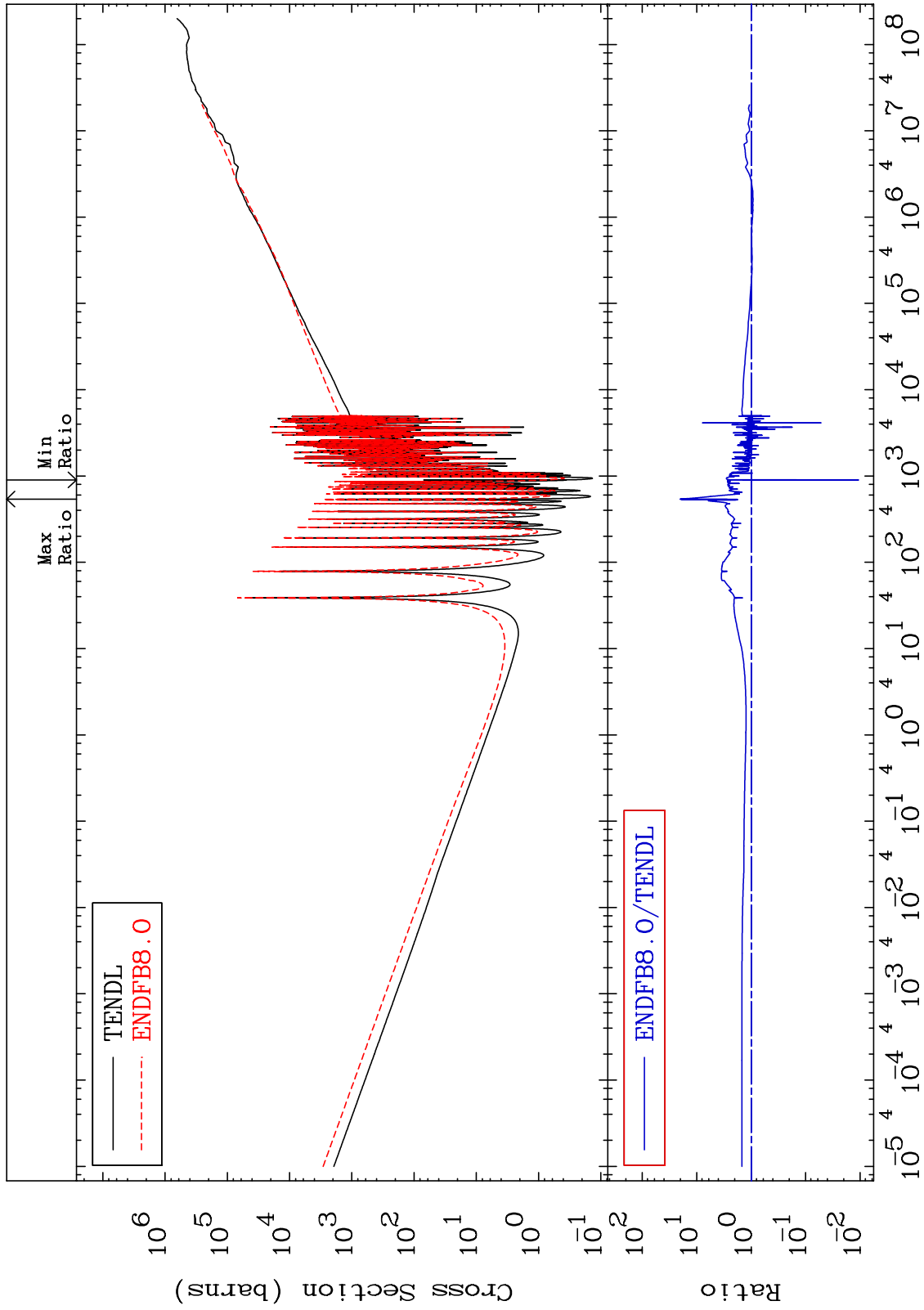
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa total (eV-barns)
Cross Section

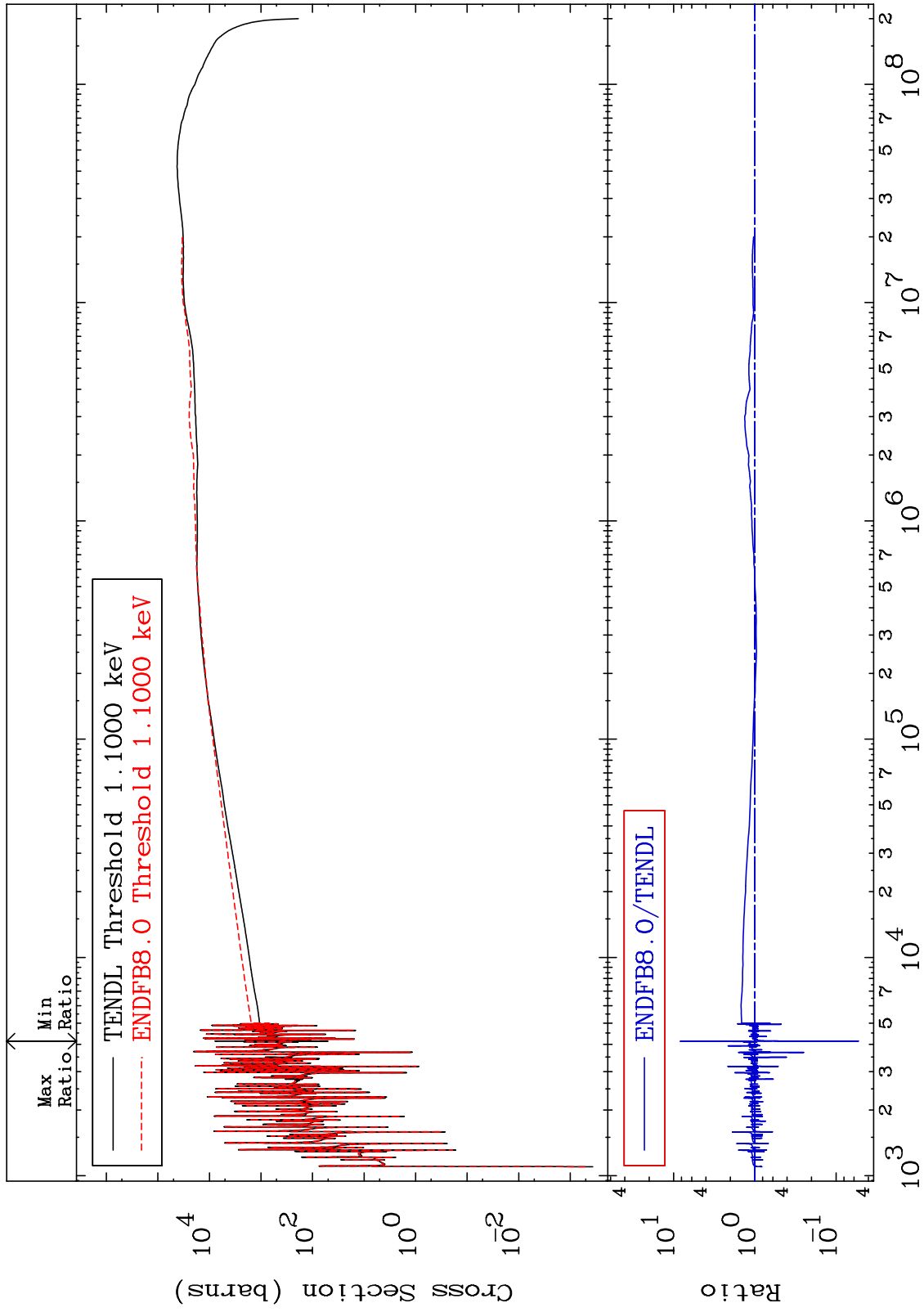
76-0s-188
-98.93 To 1926. %



MAT 7637

Dpa elastic (mt2)
Cross Section

76-0s-188
-94.70 To 735.8 %



62

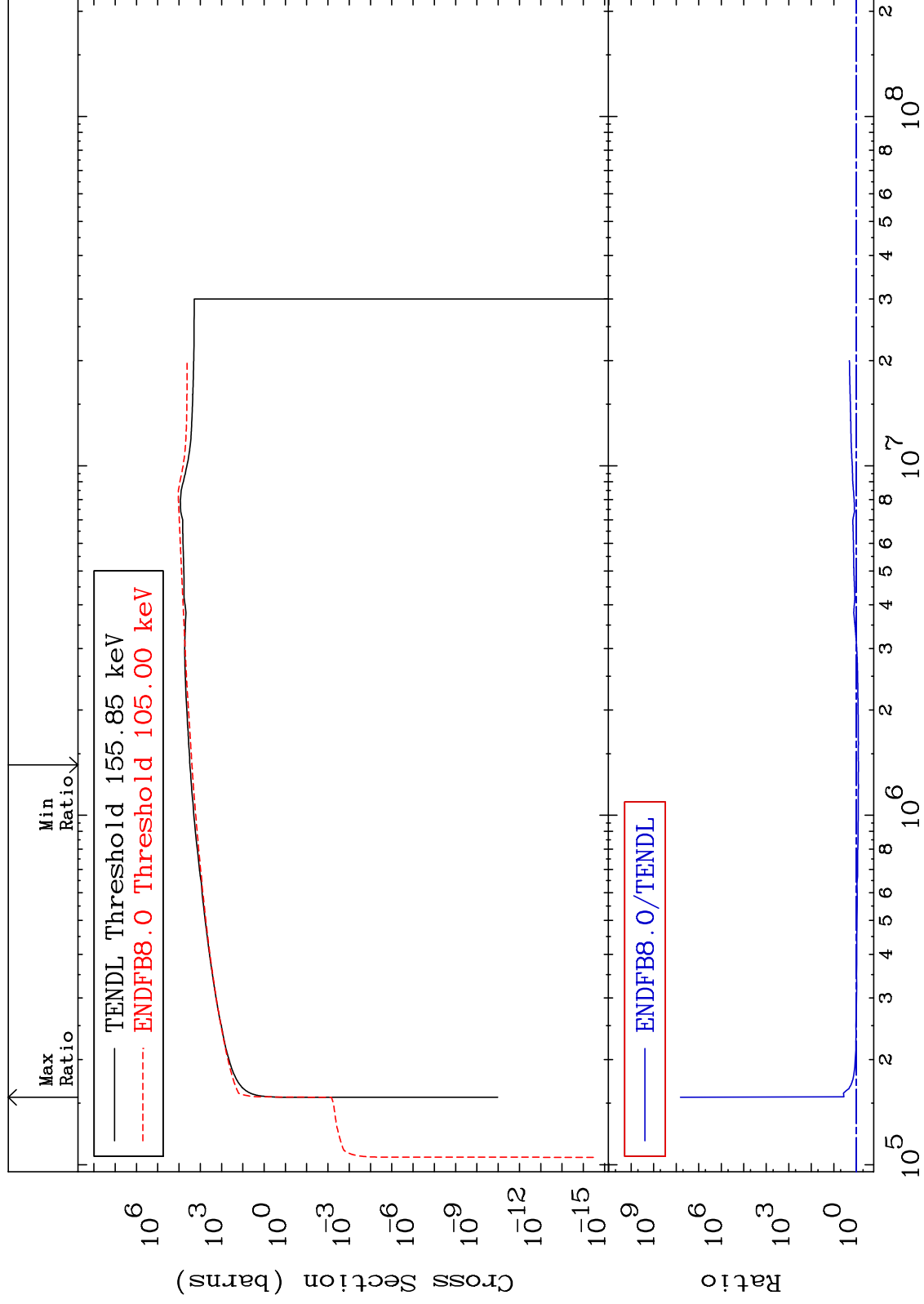
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa inelastic (mt51-91)
Cross Section

76-0s-188
-20.23 To 9999. %



63

Incident Energy (eV)

76-0s-188

MAT 7637

Dpa disappearance (mt102 -120)
Cross Section

76-0s-188
-99.94 To 1926. %

