

Program Complot
(Version 2018-1)

by

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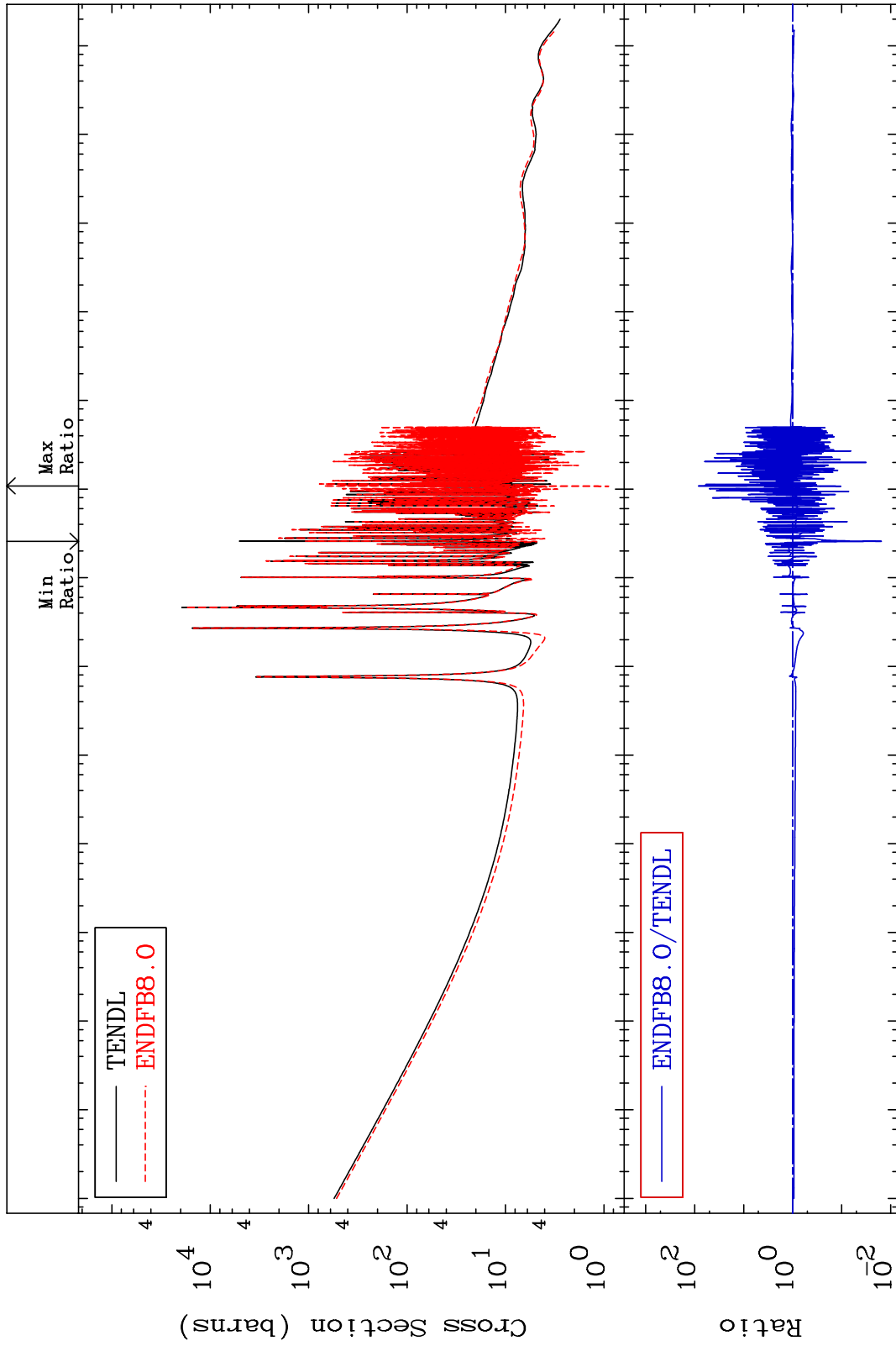
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7434

Total
Cross Section

74-W -183
-98.46 To 8302. %



Incident Energy (eV)

74-W -183

1

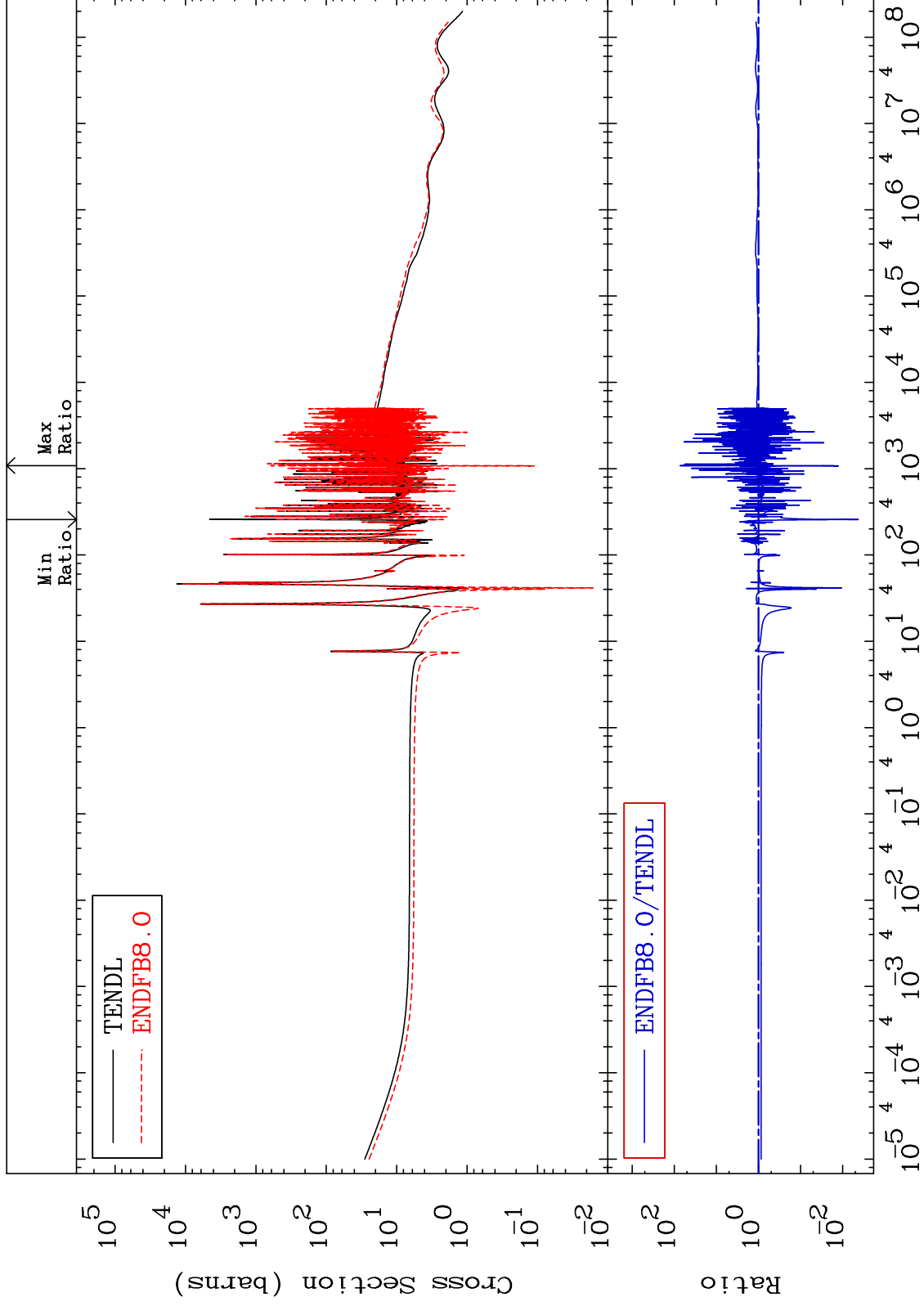
MAT 7434

Elastic

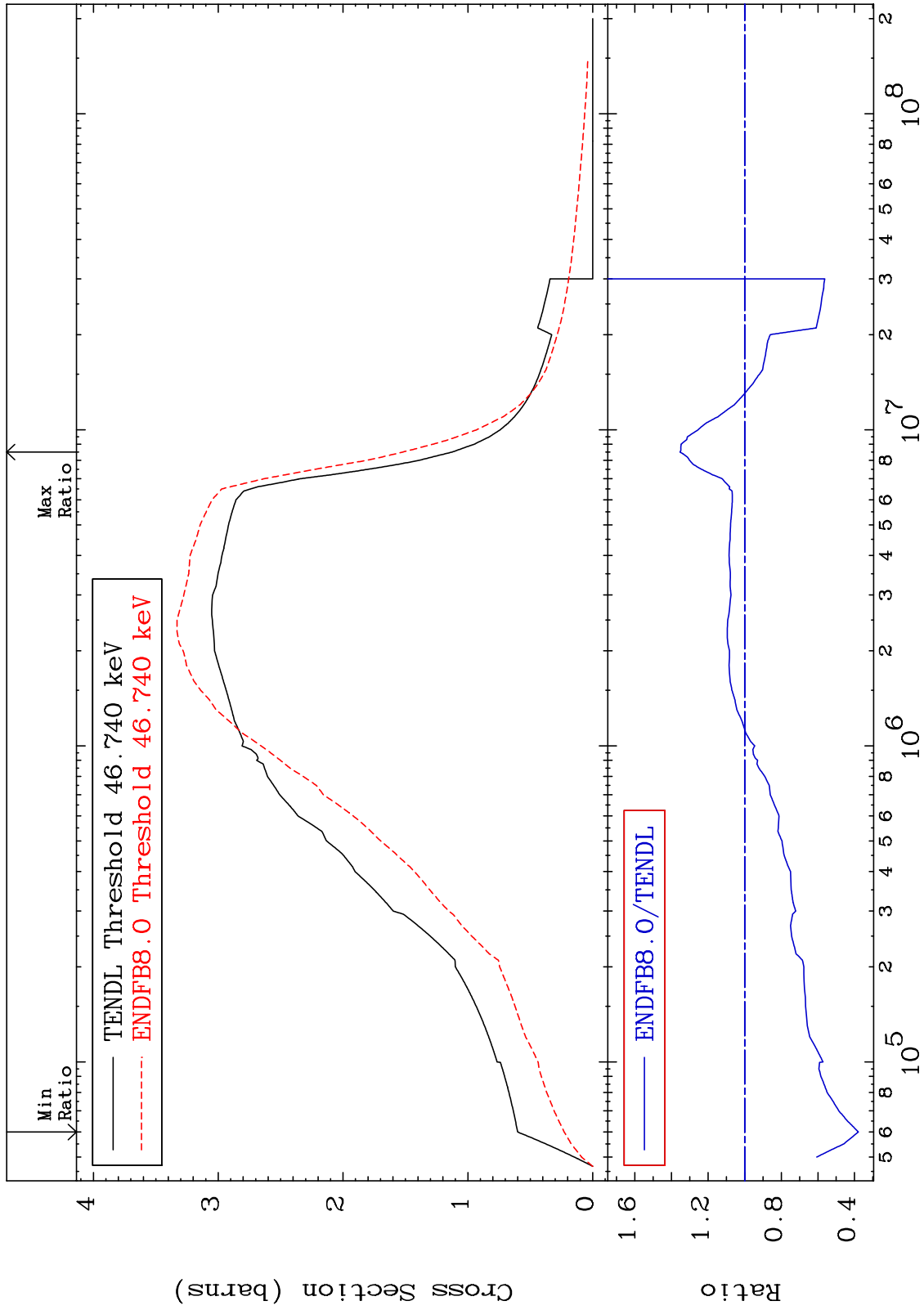
74-W -183

Cross Section

-99.58 To 7224. %



MAT 7434 Inelastic Cross Section 74-W -183 -62.12 To 35.34 %

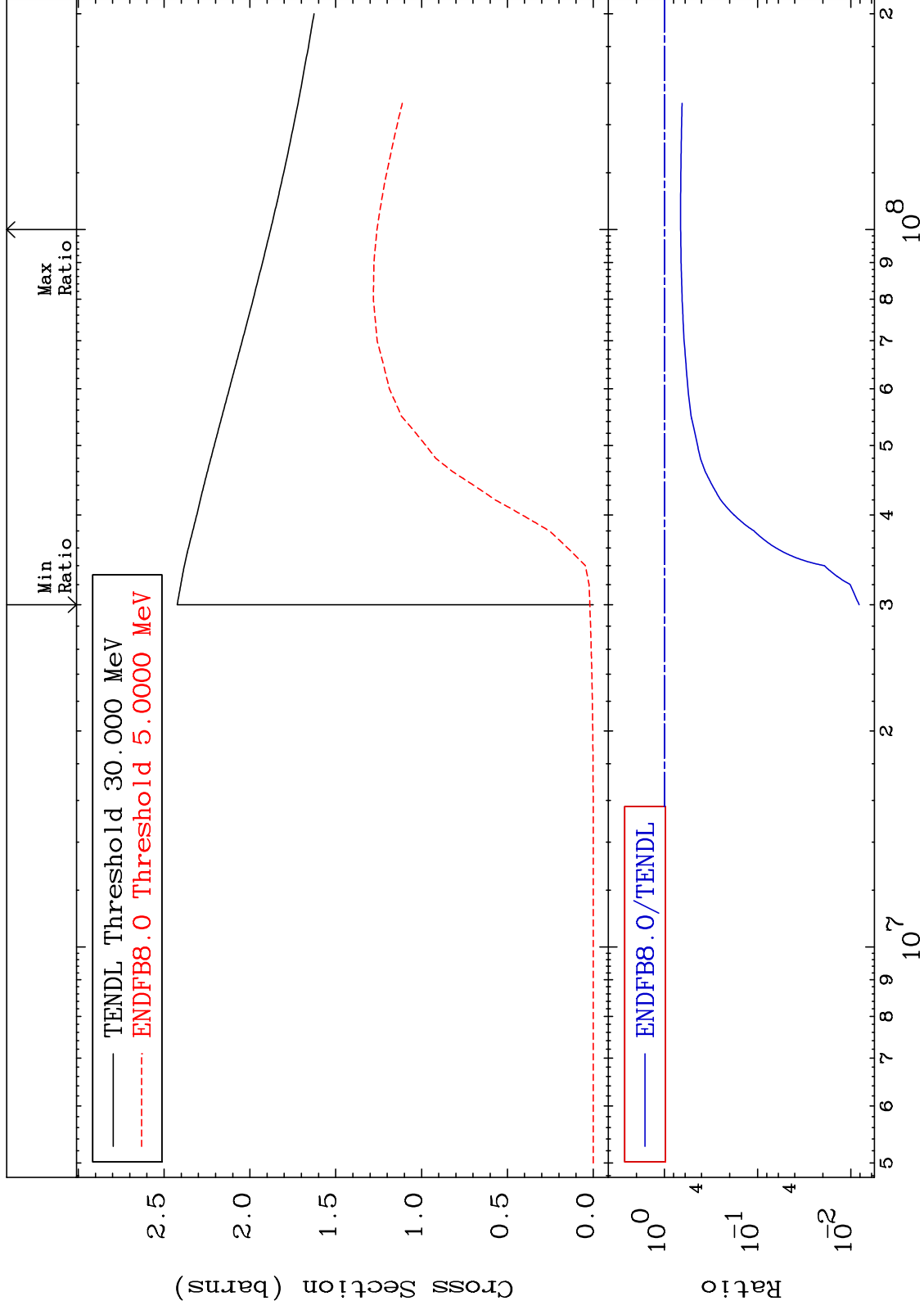


3 74-W -183

MAT 7434

(n, remainder)
Cross Section

74-W -183
-99.19 To -32.96%



4

Incident Energy (eV)

74-W -183

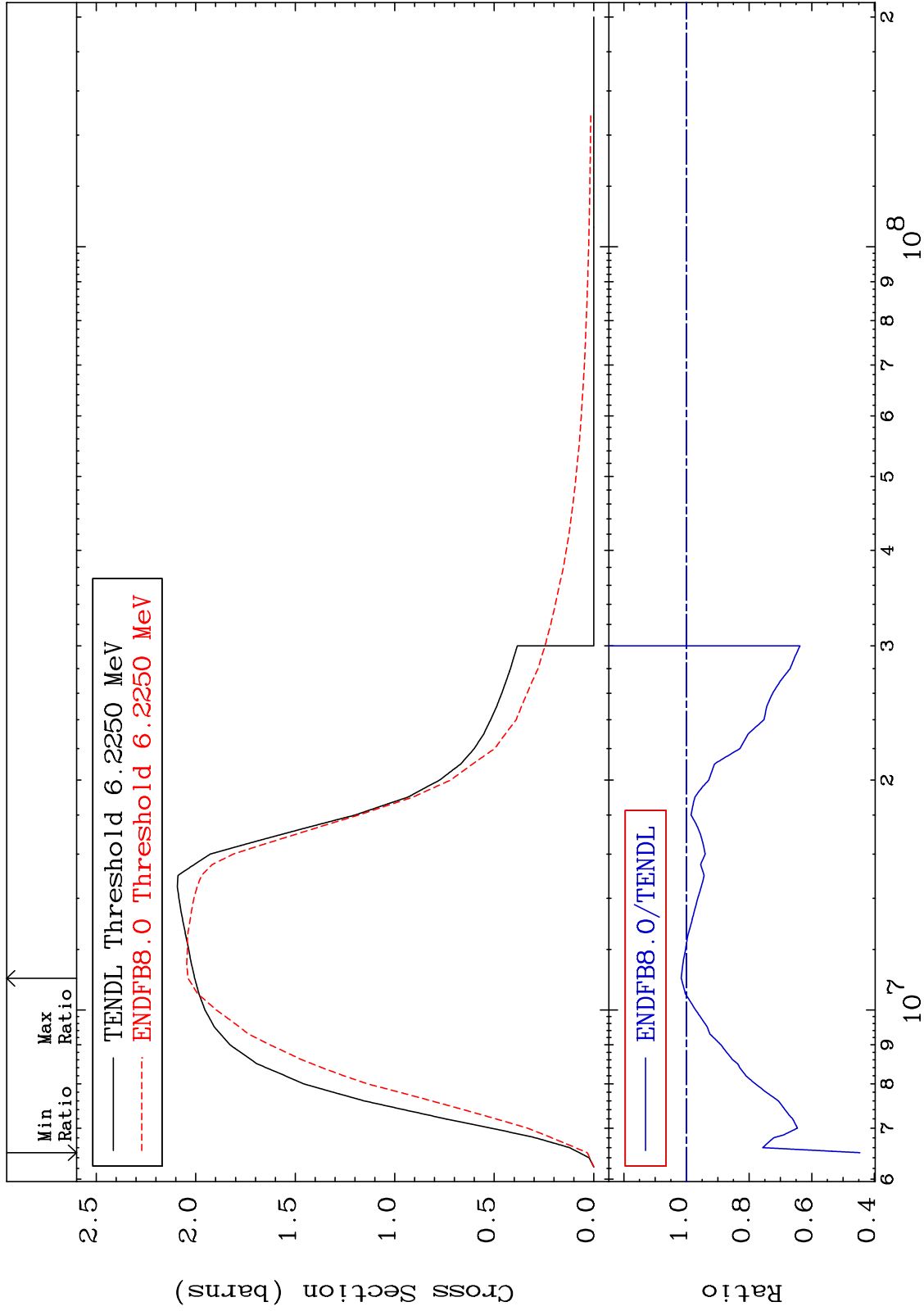
MAT 7434

(n,2n)

74-W -183

Cross Section

-55.40 To 1.671 %



5

Incident Energy (eV)

74-W -183

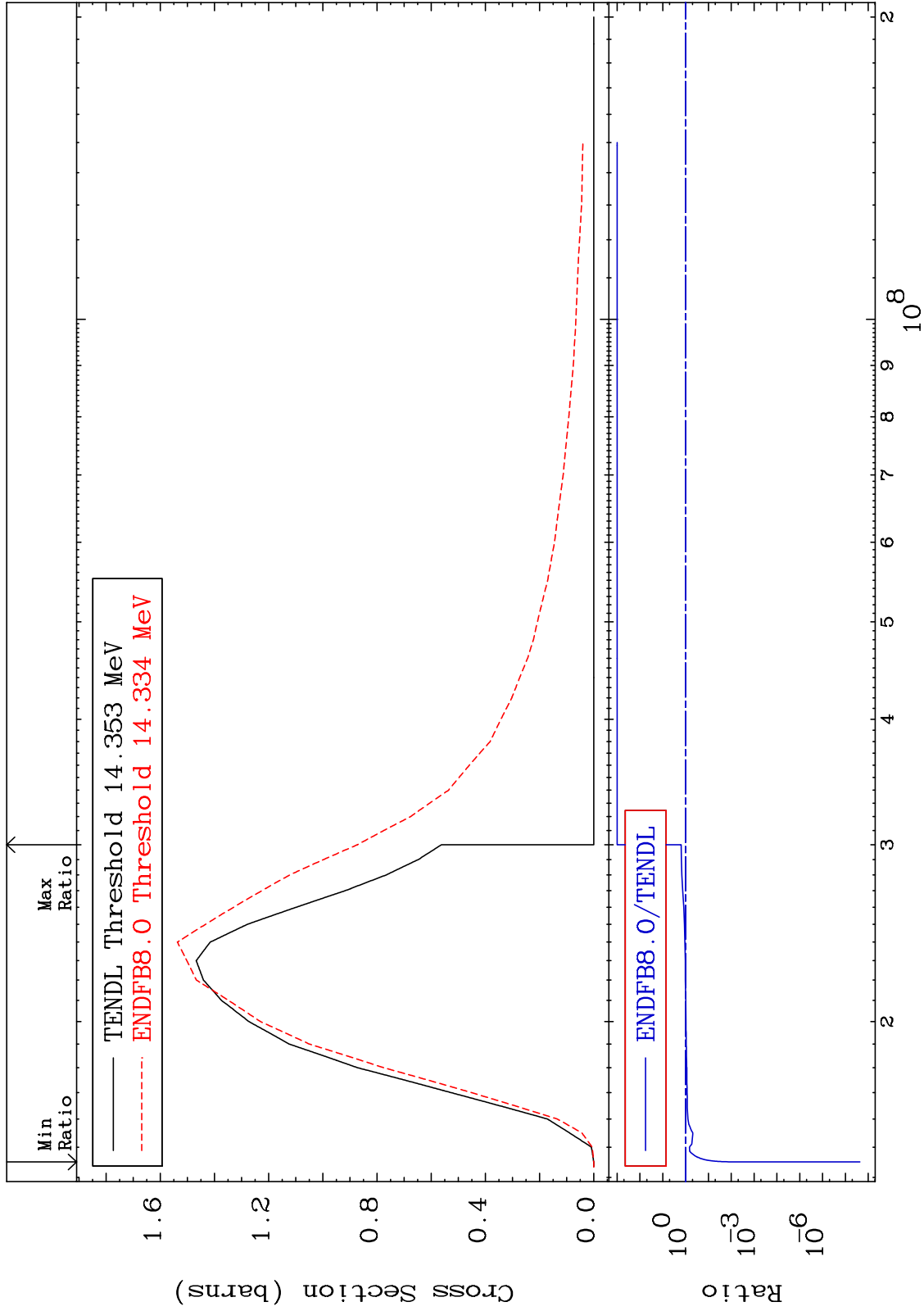
MAT 7434

(n, 3n)

74-W -183

Cross Section

Cross Section



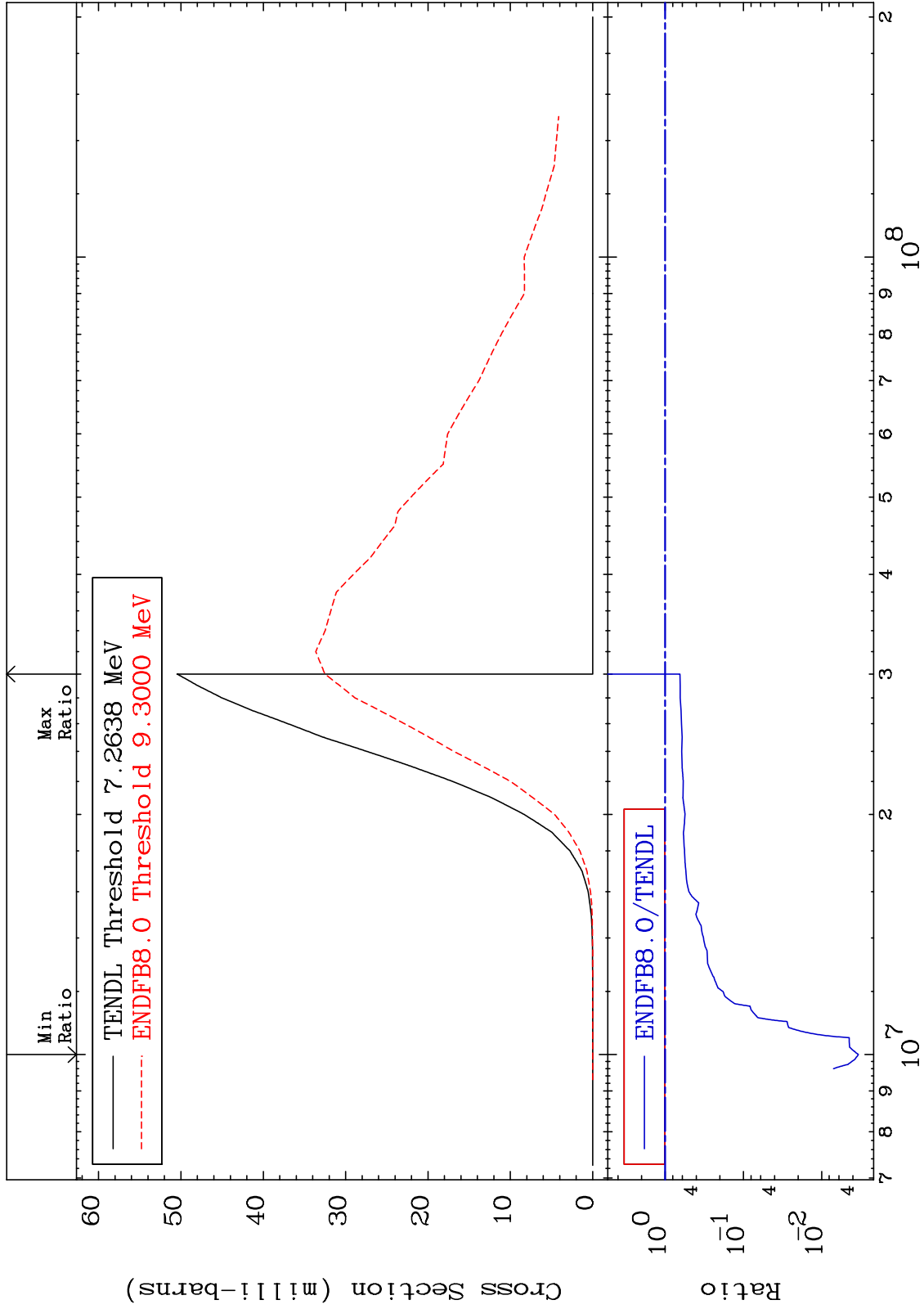
MAT 7434

(n,n') p

74-W -183

Cross Section

-99.66 To -35.57%



Incident Energy (eV)

74-W -183

7

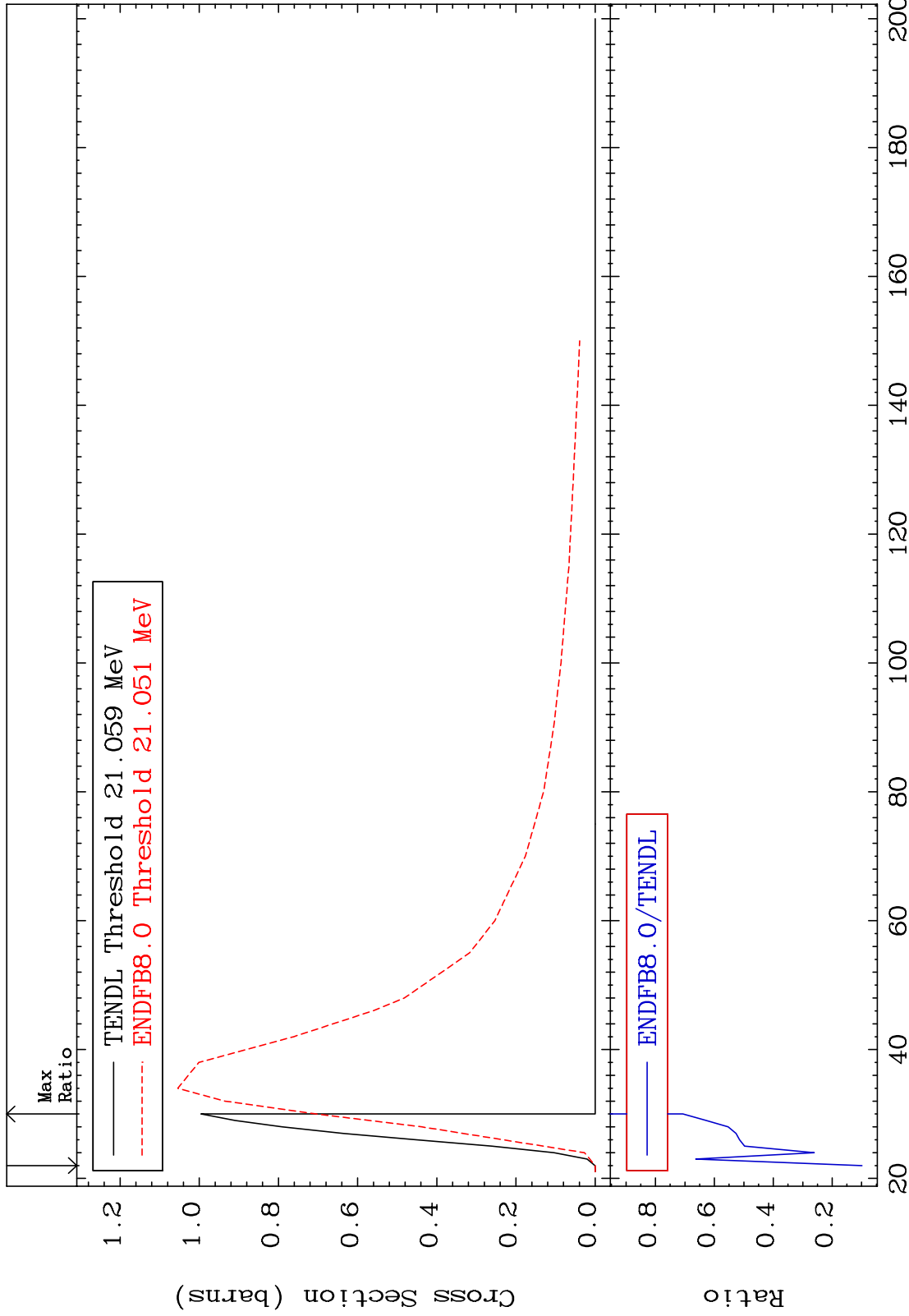
MAT 7434

(n, 4n)

74-W -183

Cross Section

-90.13 To -29.30%



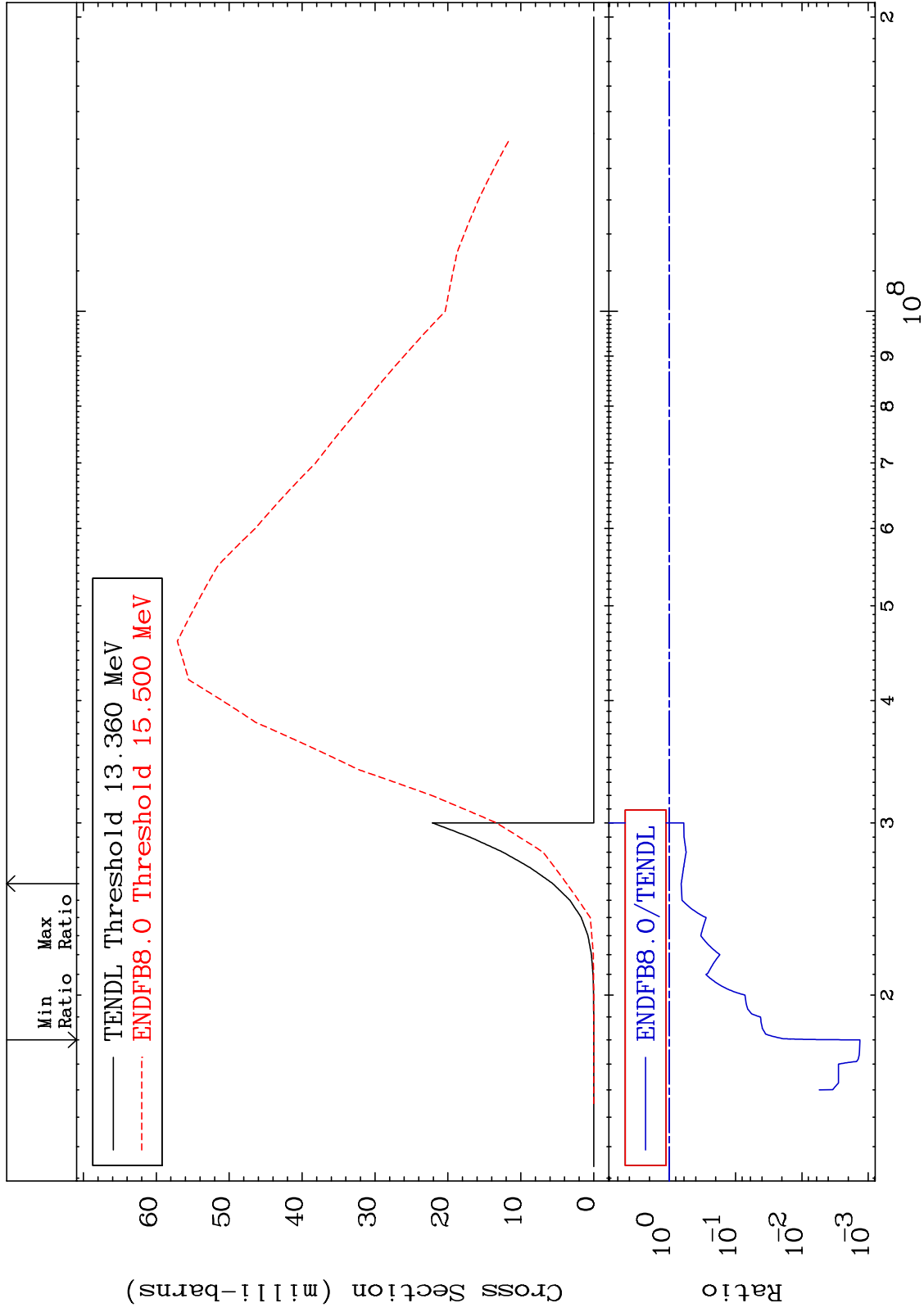
MAT 7434

(n,2n) p

74-W -183

Cross Section

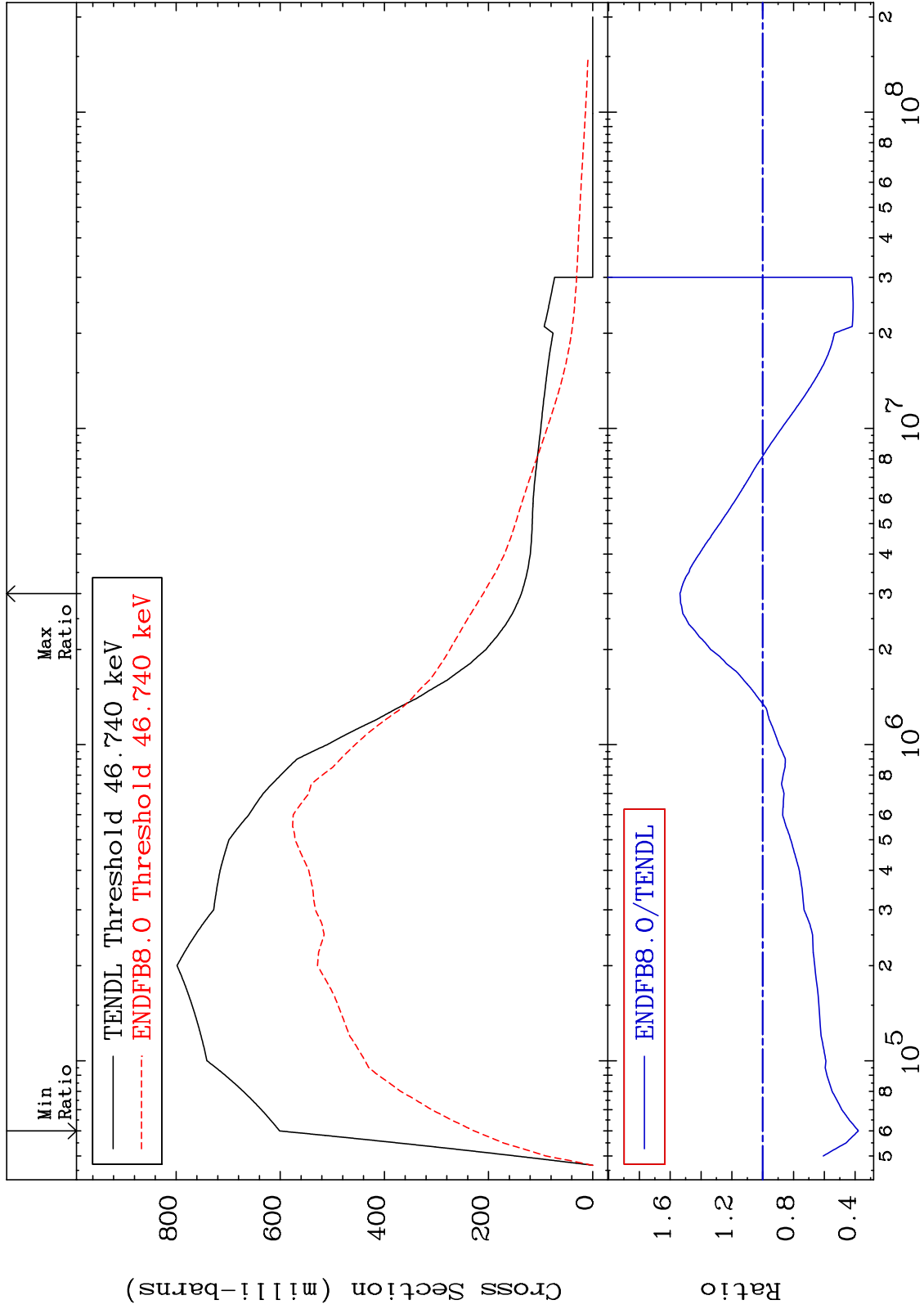
-99.87 To -33.81%



MAT 7434

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

74-W -183
-62.12 To 53.63 %



74-W -183

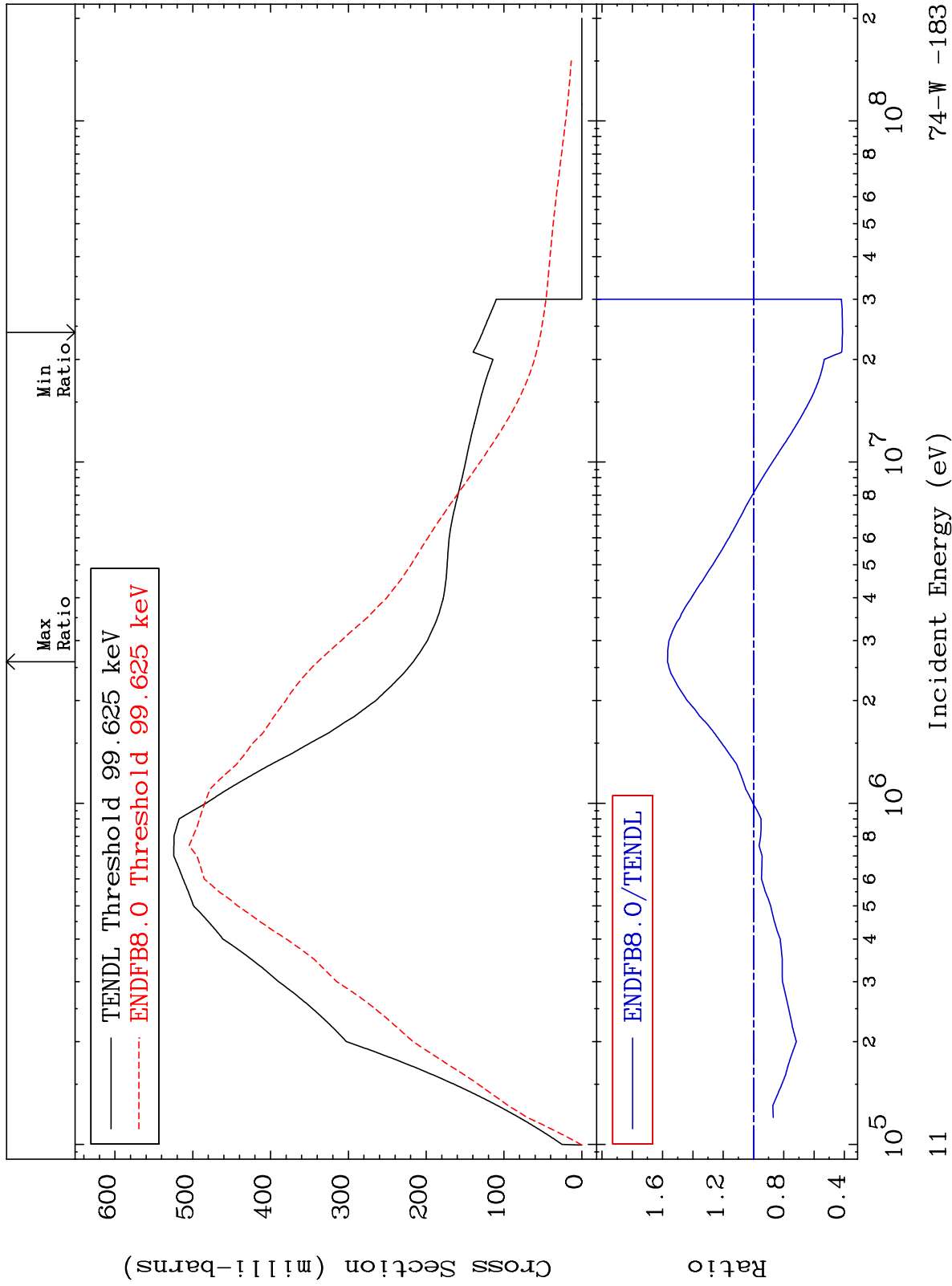
Incident Energy (eV)

10

MAT 7434

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

74-W -183
-58.88 To 56.72 %



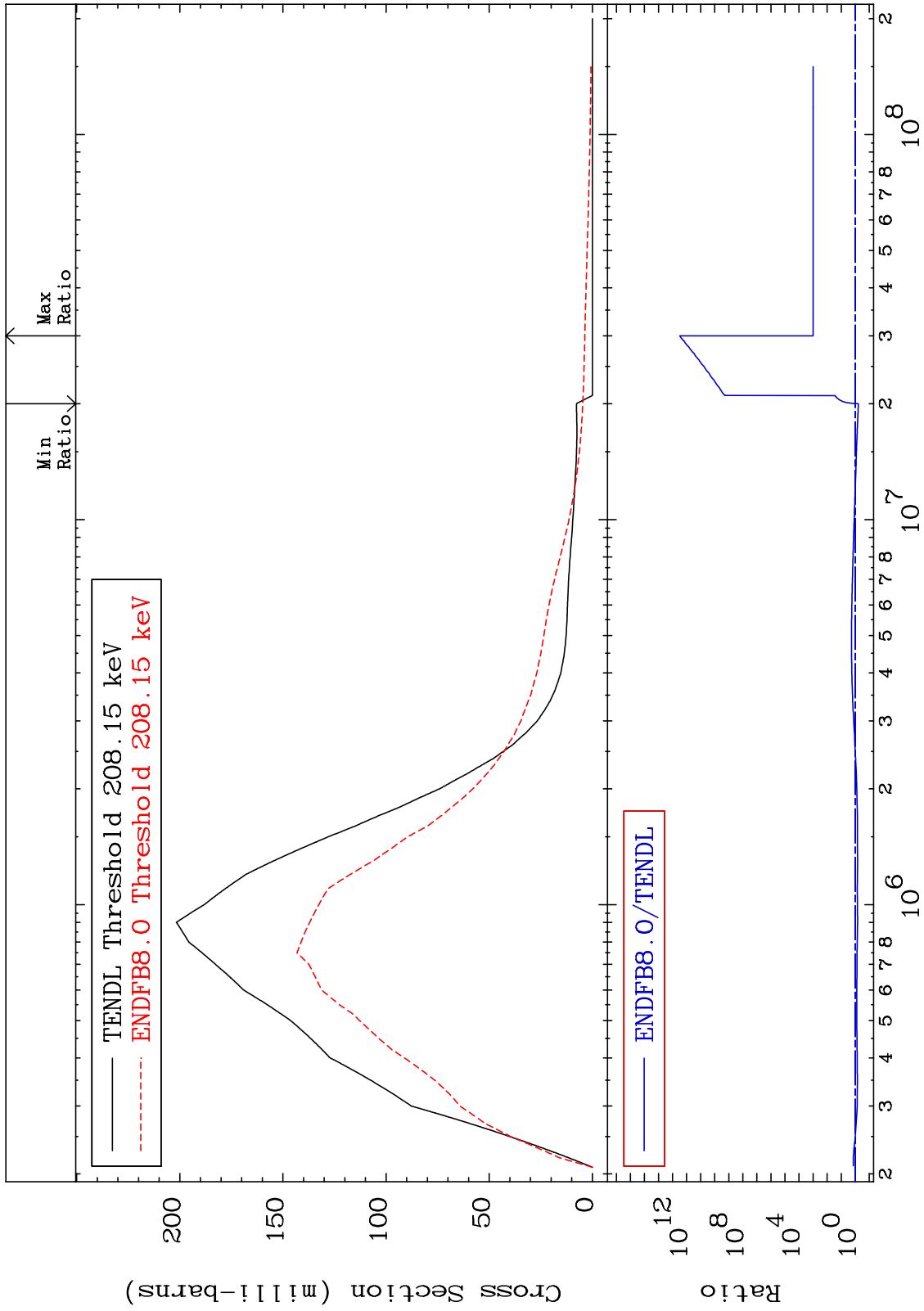
74-W -183

11

MAT 7434

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

74-W -183
-39.80 To 9999. %

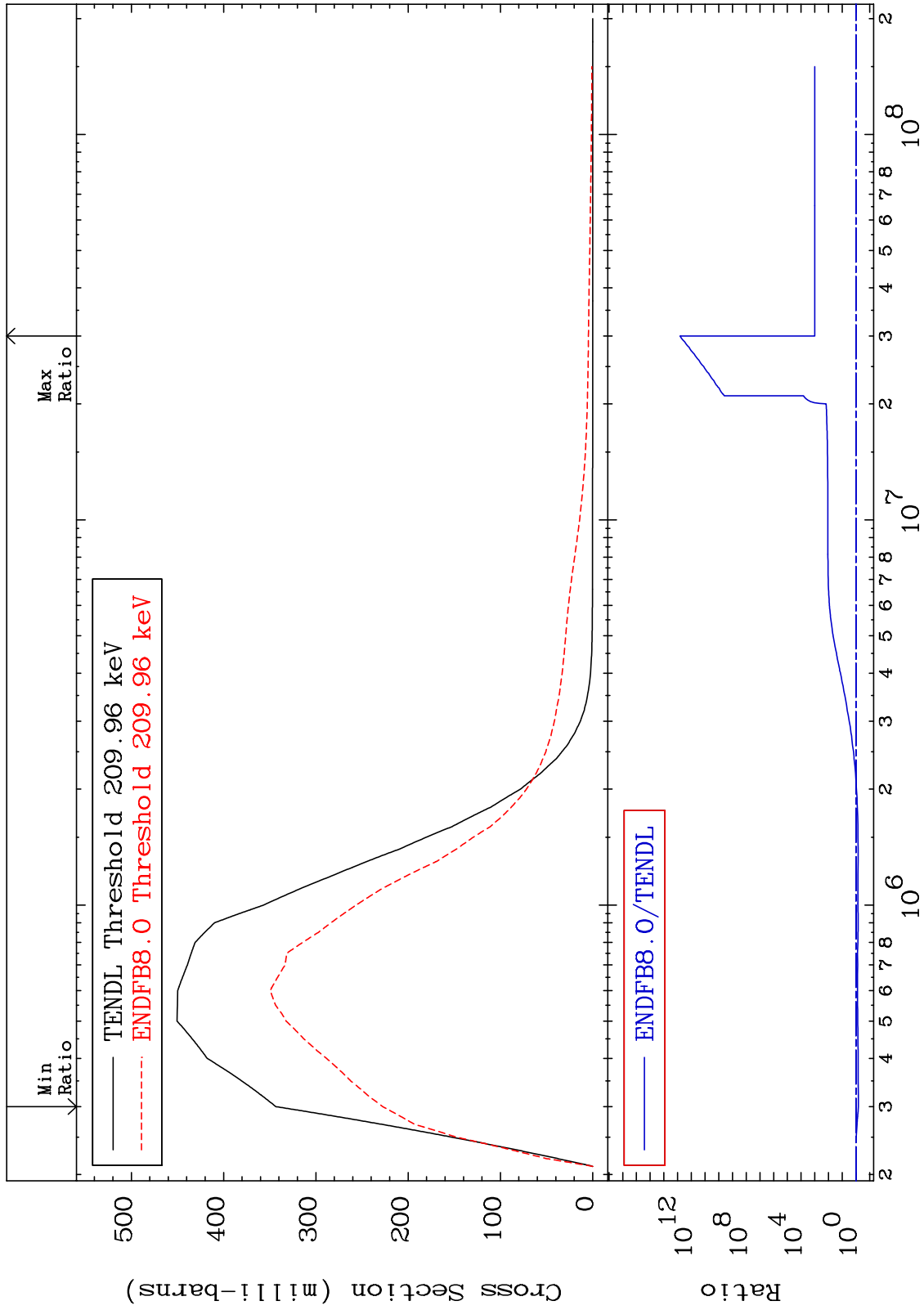


12

Incident Energy (eV)

74-W -183

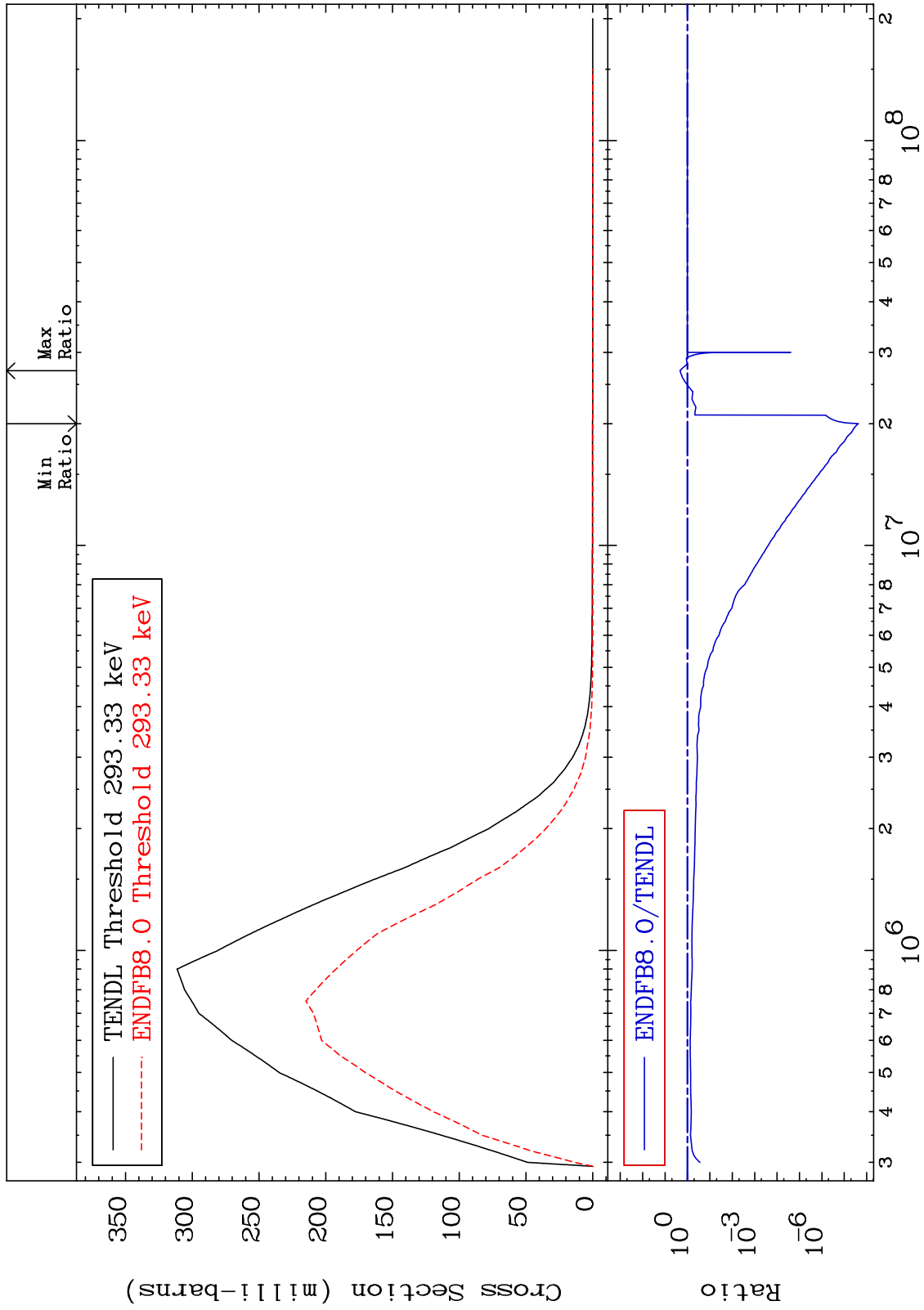
MAT 7434 MT= 54 (n,n') Level Cross Section 74-W -183
 -33.72 To 9999. %



MAT 7434

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

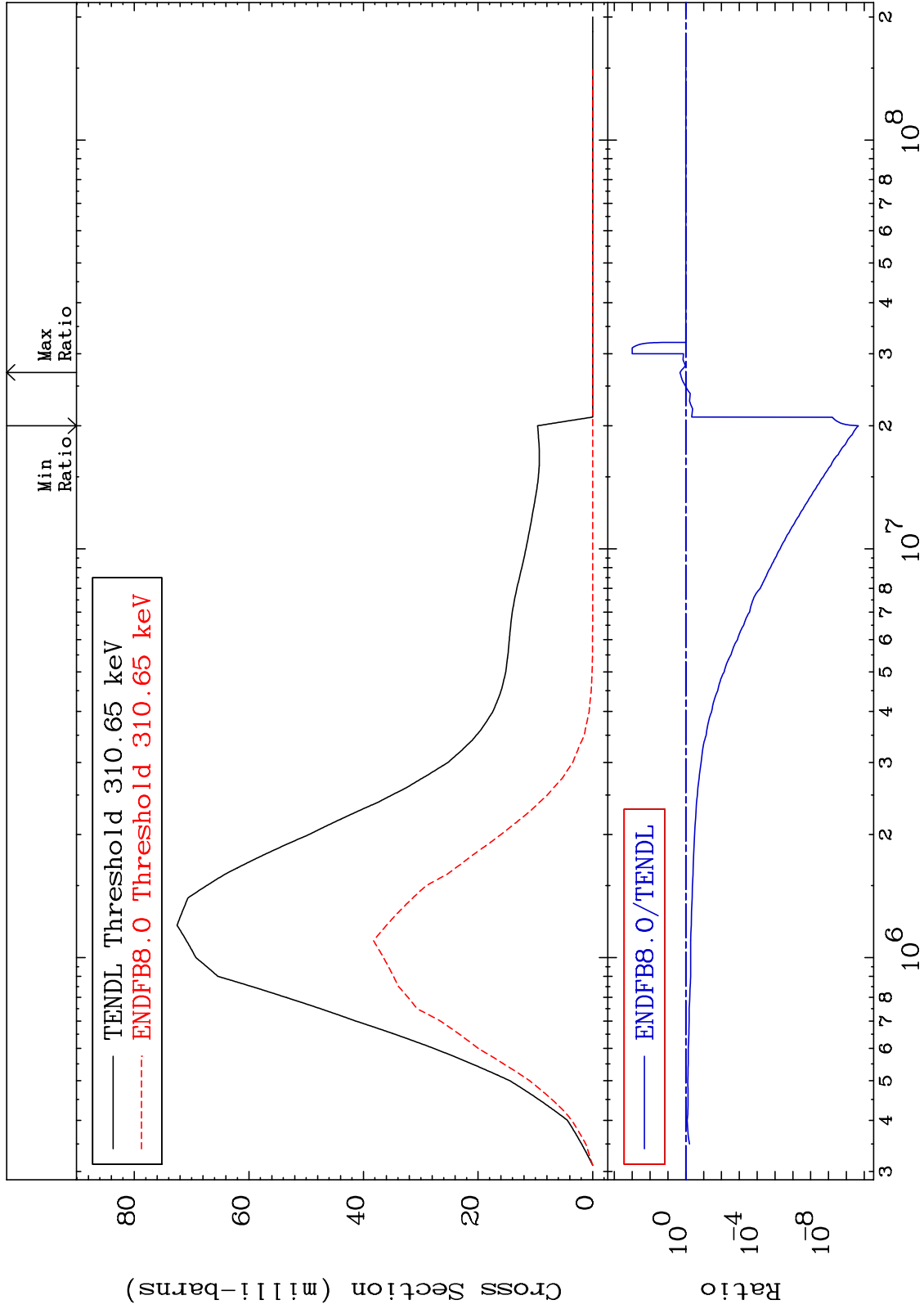
74-W -183
-100.0 To 115.1 %



MAT 7434

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

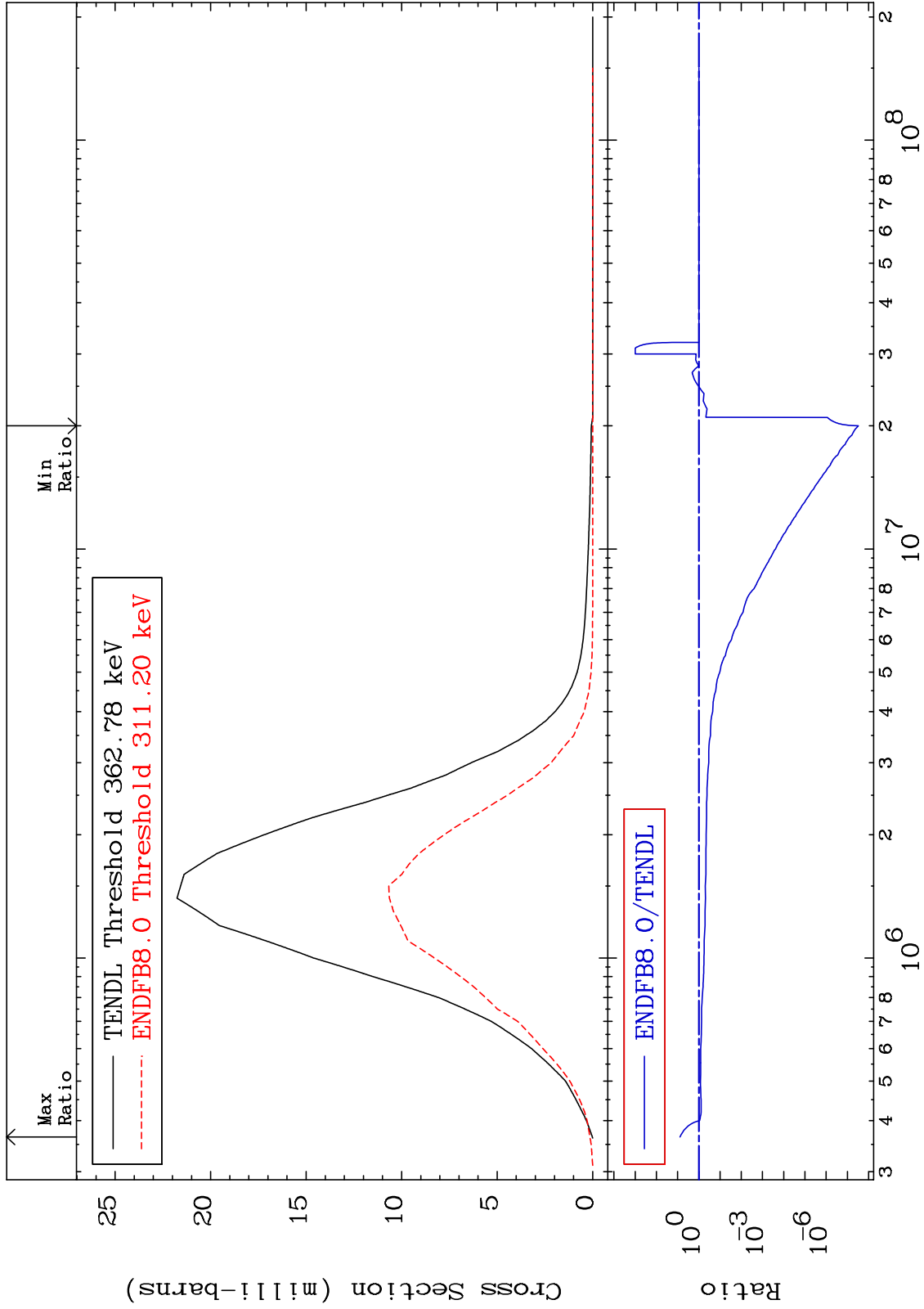
74-W -183
-100.0 To 110.4 %



MAT 7434

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

74-W -183
-100.0 To 668.5 %



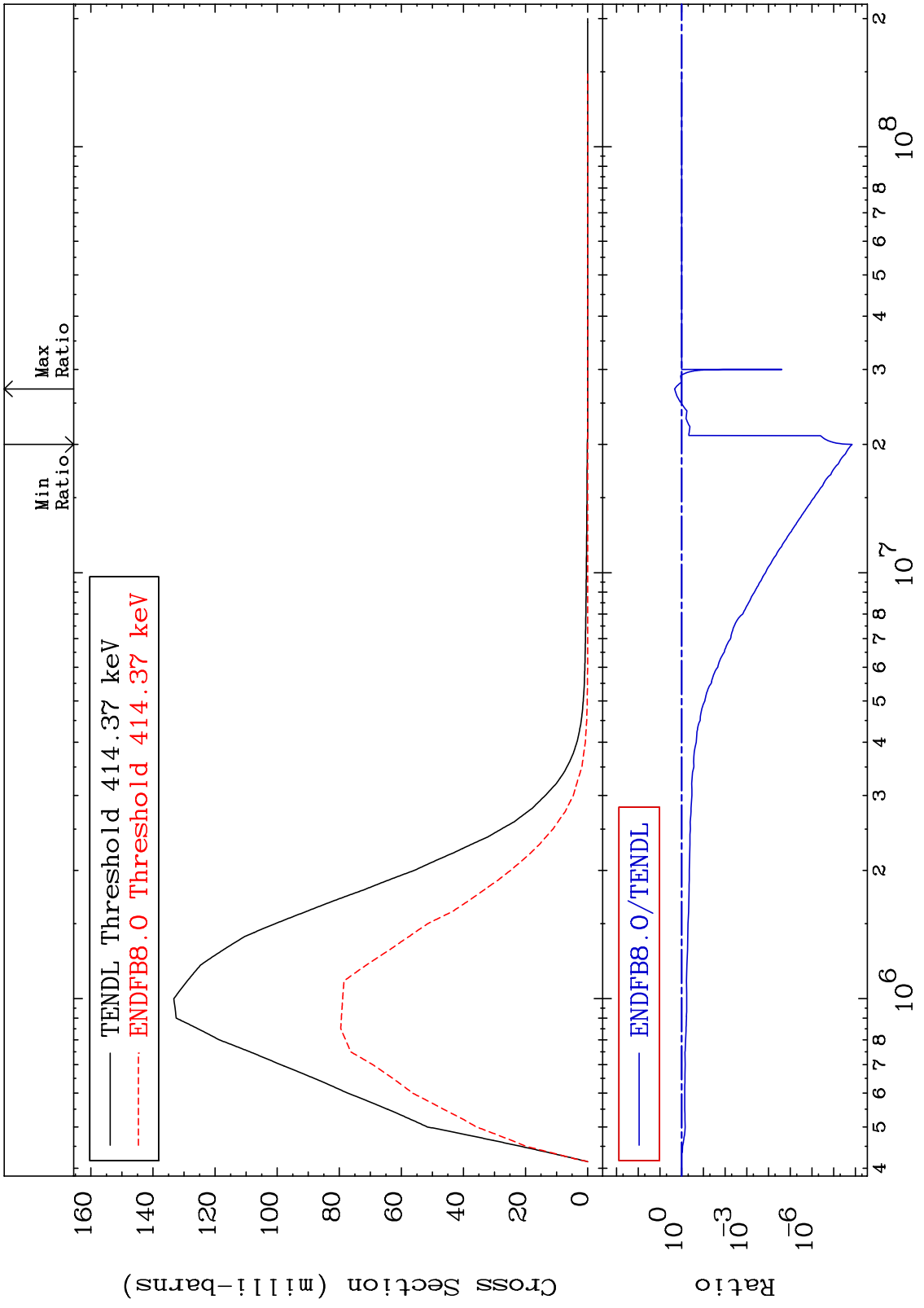
16

74-W -183

MAT 7434

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

74-W -183
-100.0 To 112.9 %



17

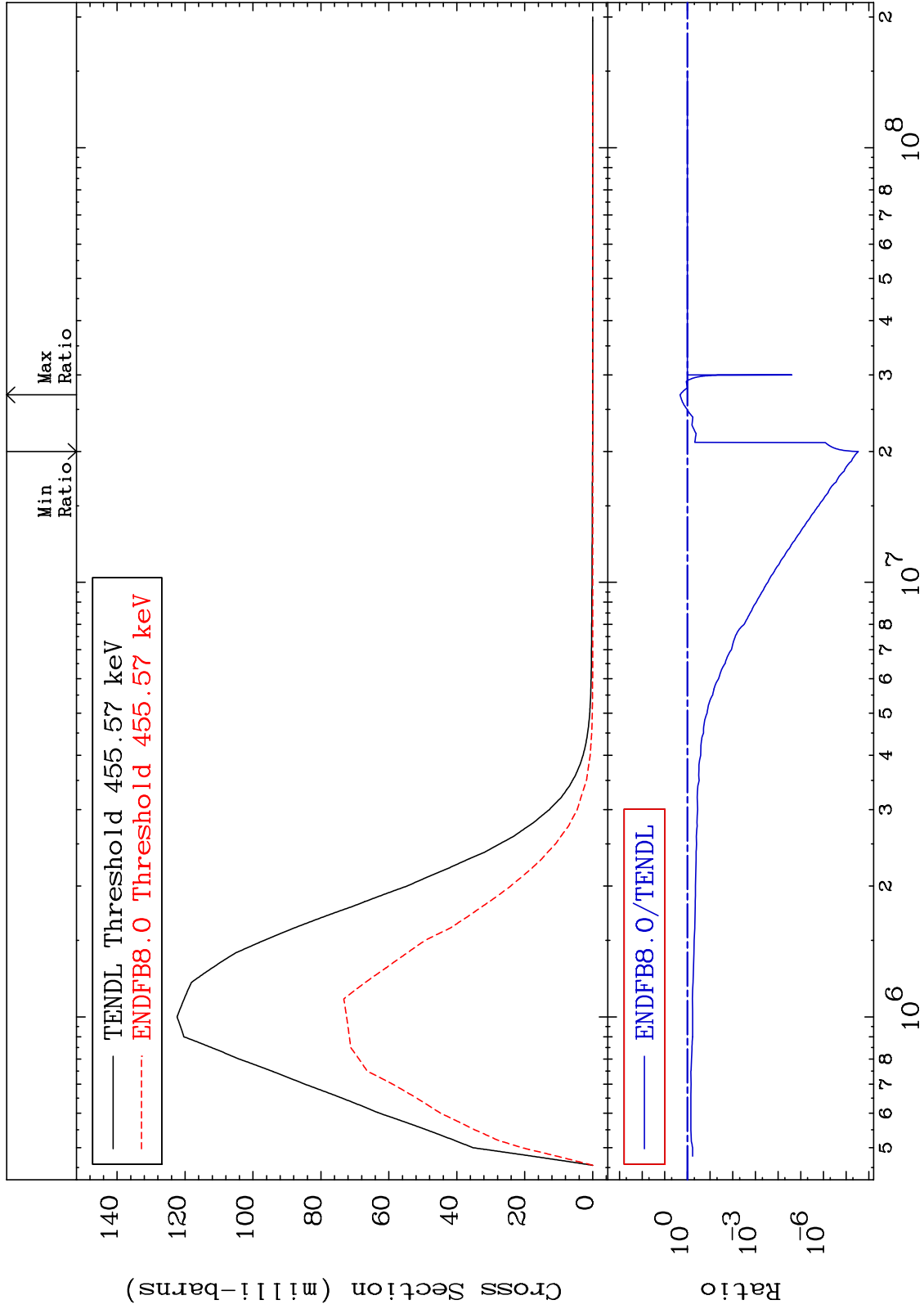
Incident Energy (eV)

74-W -183

MAT 7434

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

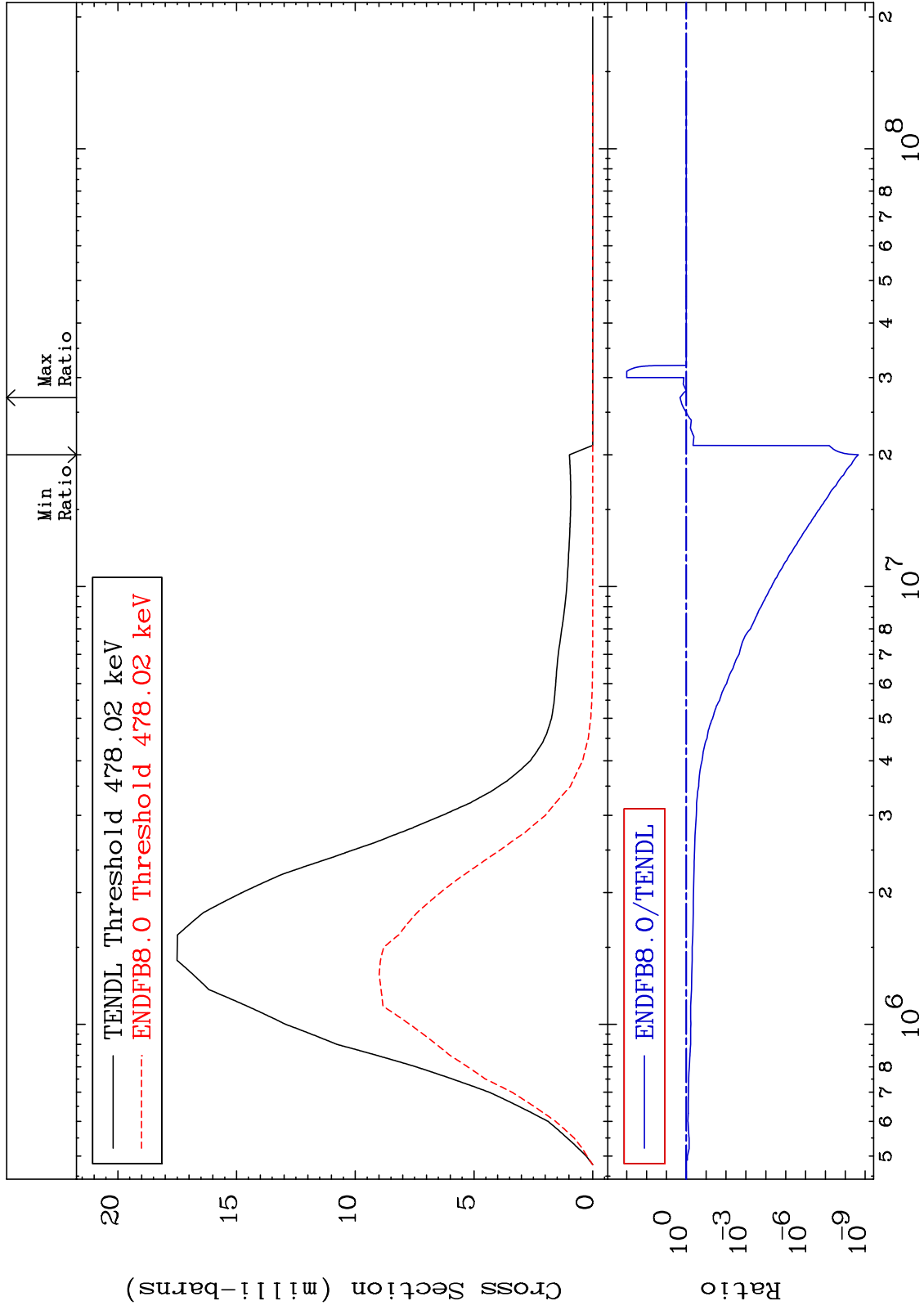
74-W -183
-100.0 To 112.9 %



MAT 7434

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

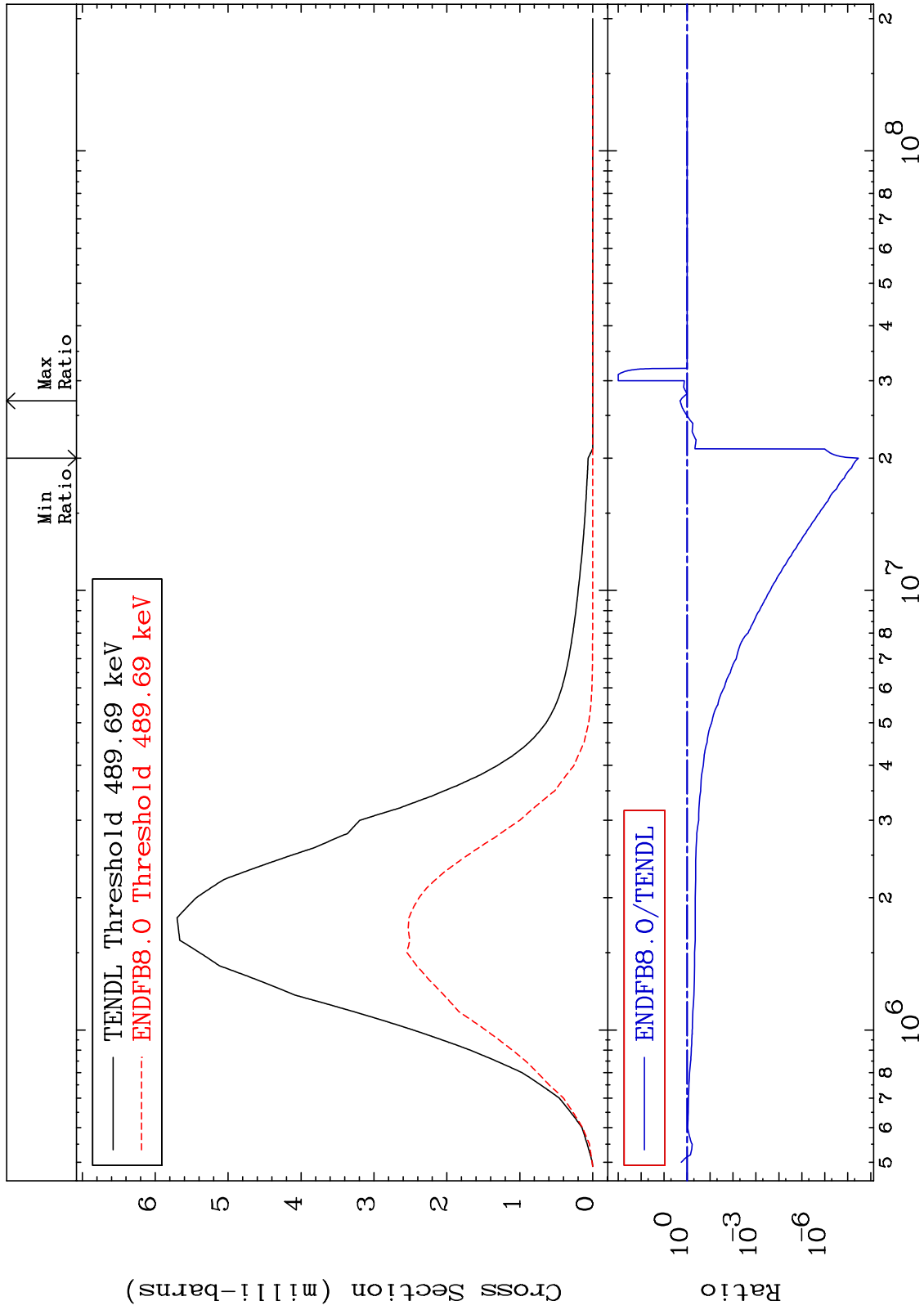
74-W -183
-100.0 To 107.2 %



MAT 7434

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

74-W -183
-100.0 To 103.3 %



20

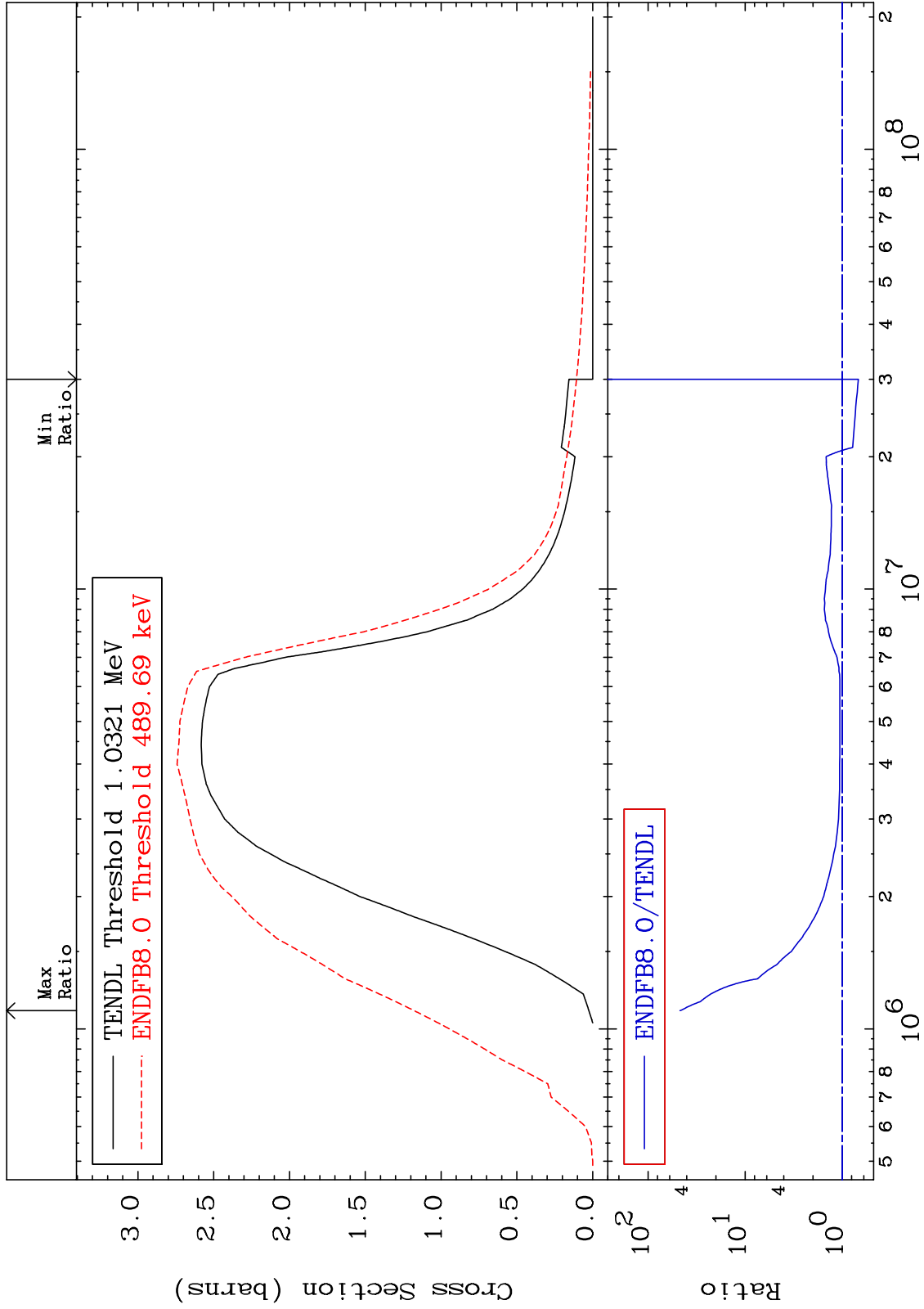
Incident Energy (eV)

74-W -183

MAT 7434

(n,n') Continuum
Cross Section

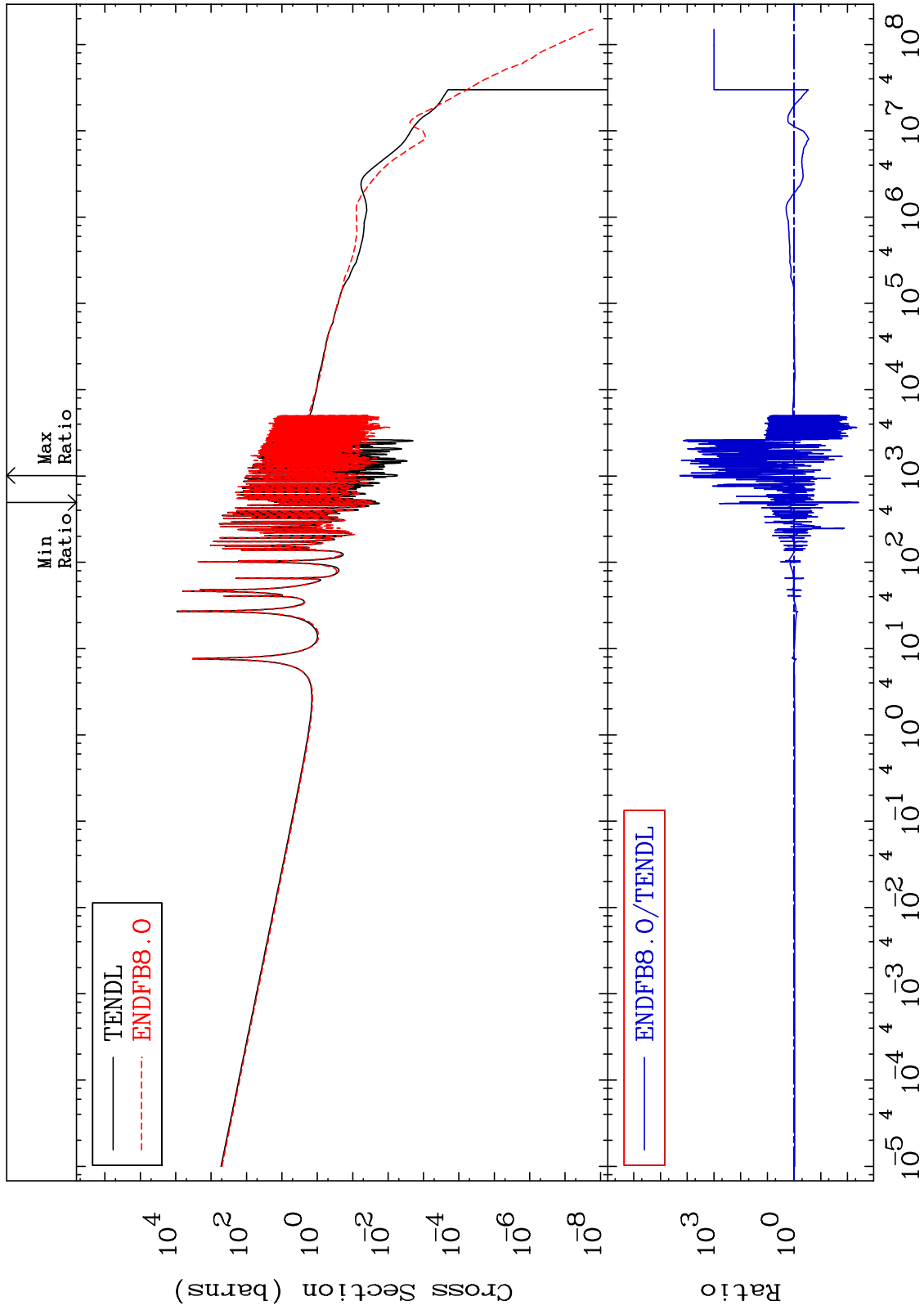
74-W -183
-31.89 To 4593. %



MAT 7434

(n, γ)
Cross Section

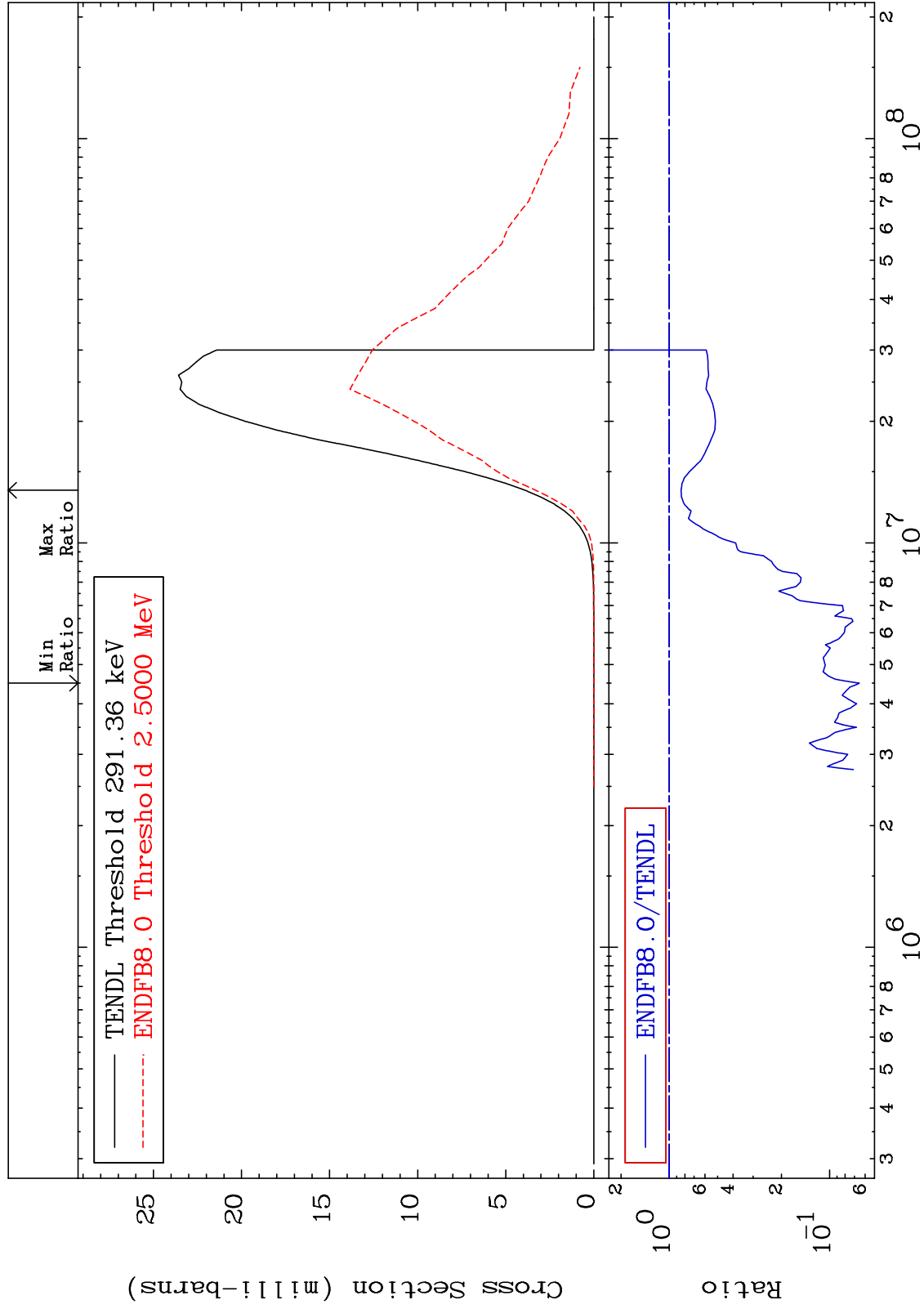
74-W -183
-99.61 To 9999. %



MAT 7434

(n, p)
Cross Section

74-W -183
-93.47 To -15.53%



Incident Energy (eV)

23

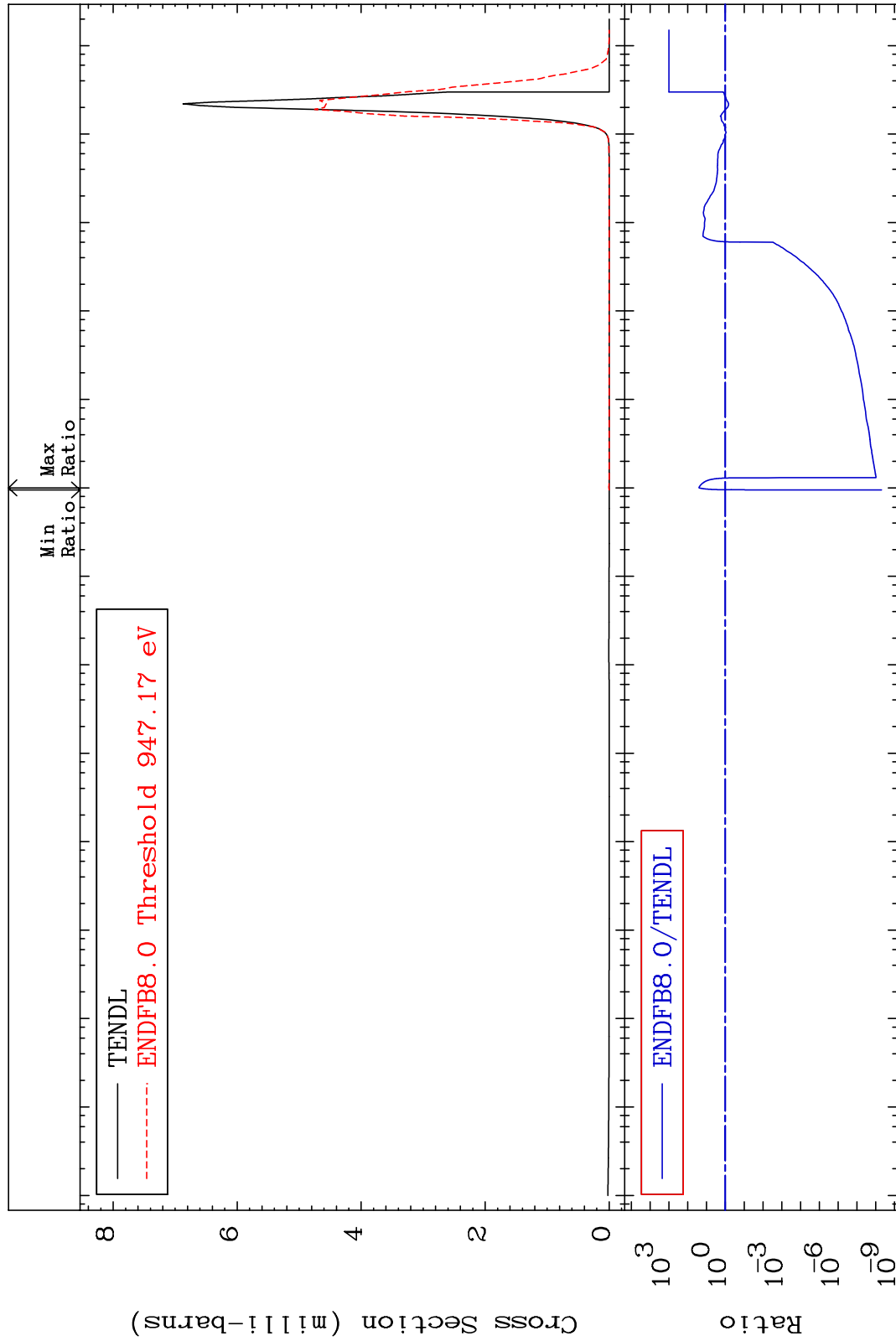
74-W -183

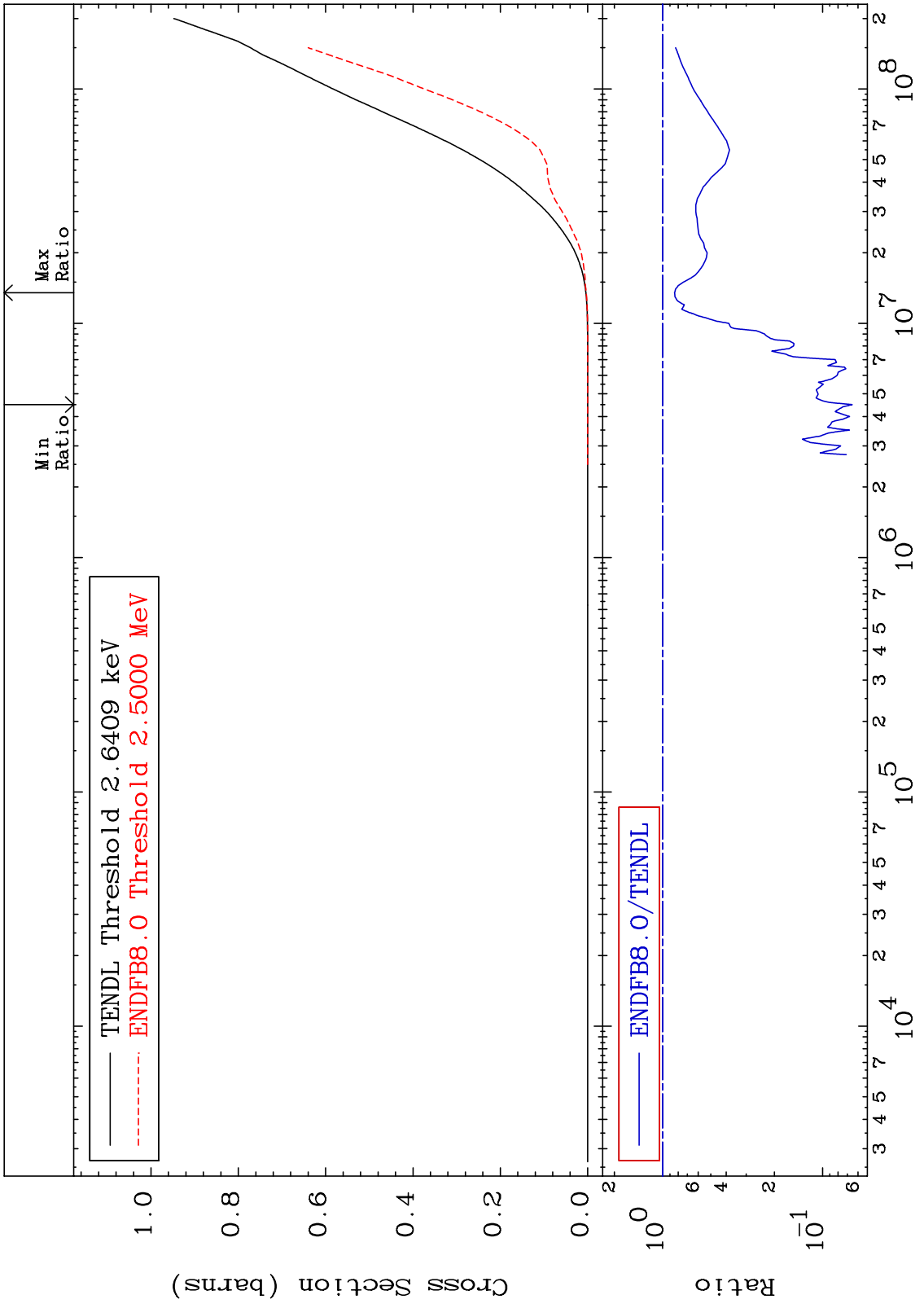
MAT 7434

74-W -183

-100.0 To 2509. %

(n, α)
Cross Section

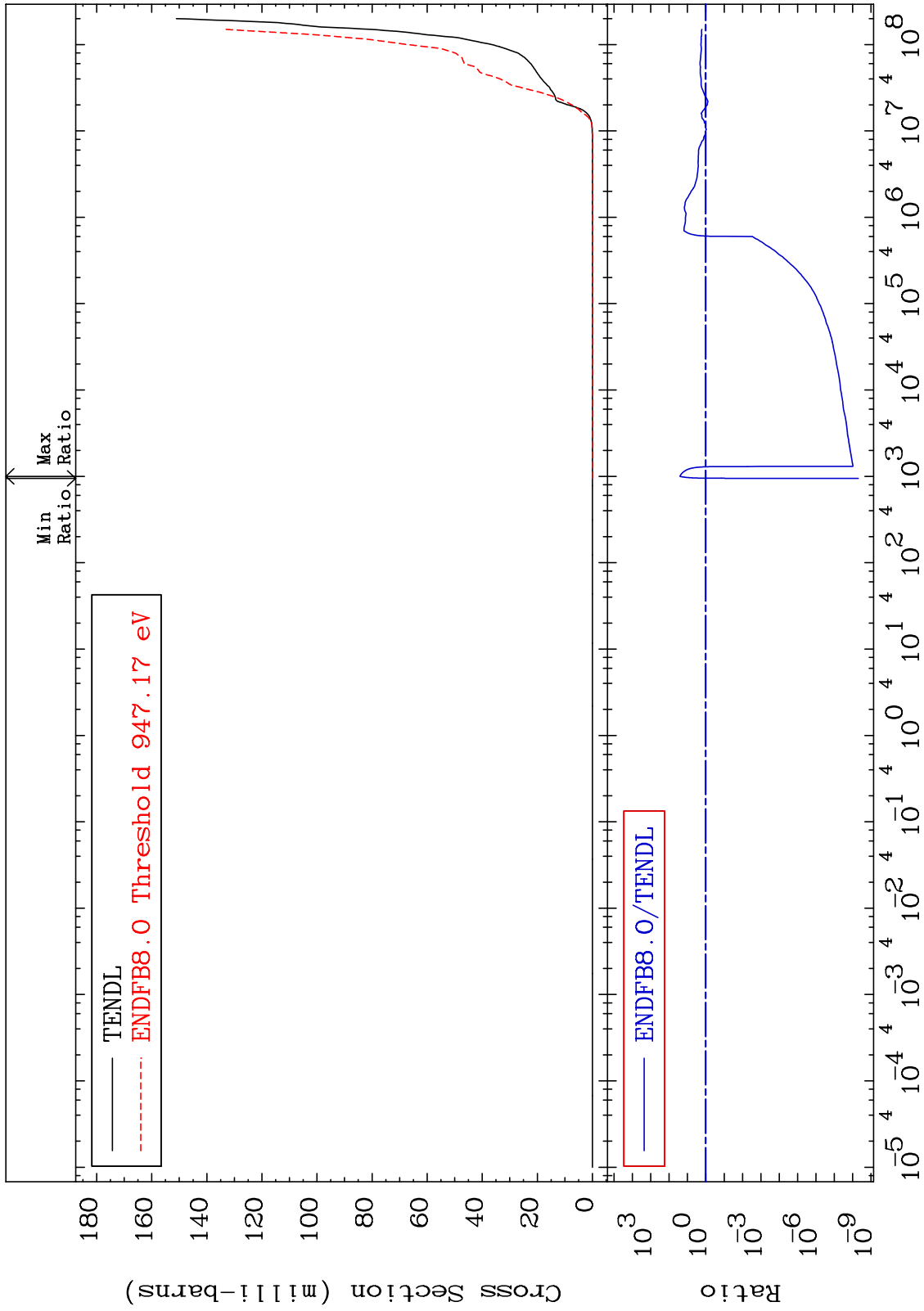




MAT 7434

He-4 Production
Cross Section

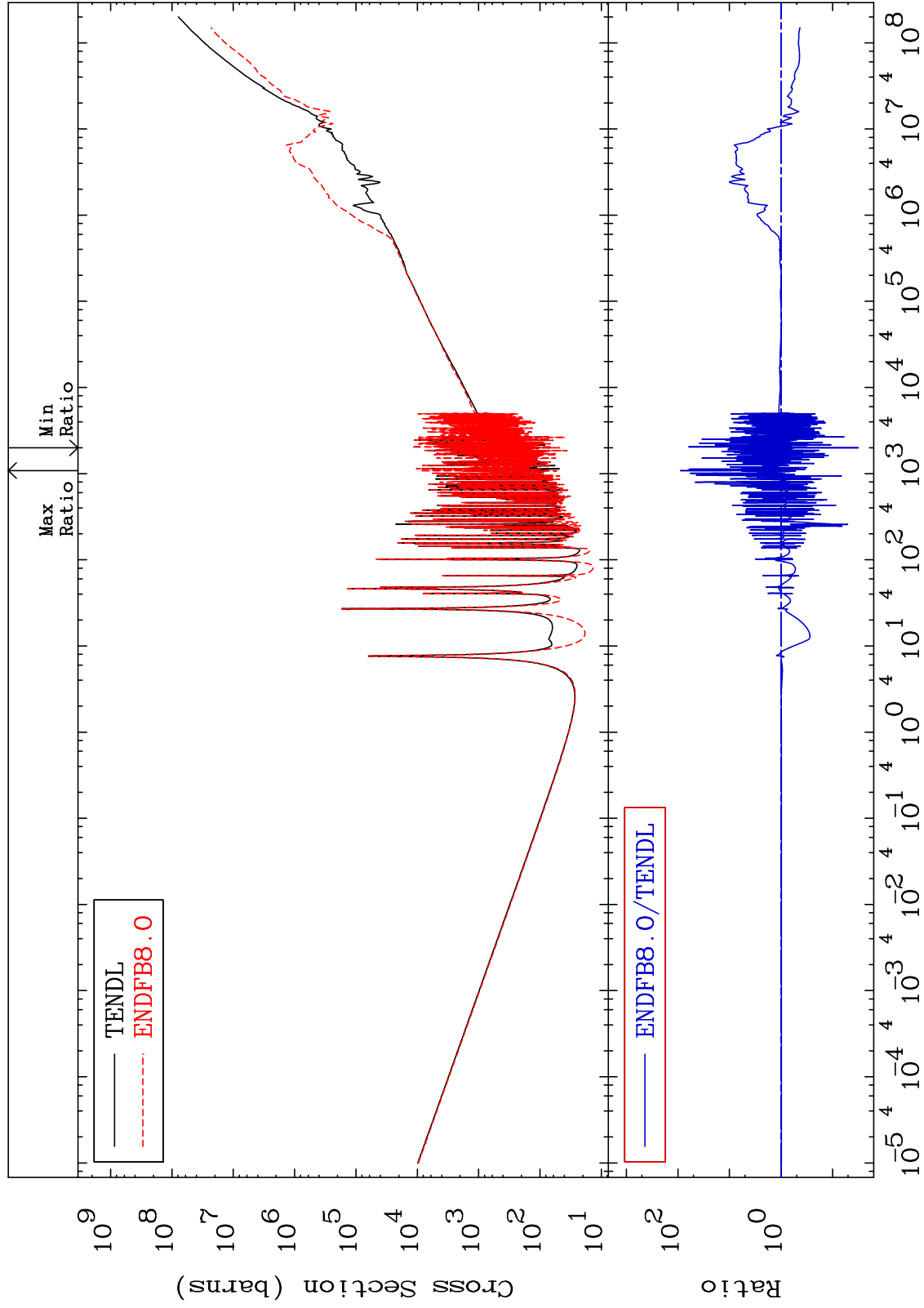
74-W -183
-100.0 To 2509. %



MAT 7434

Kerma total (eV-barns)
Cross Section

74-W -183
-96.86 To 8828. %



27

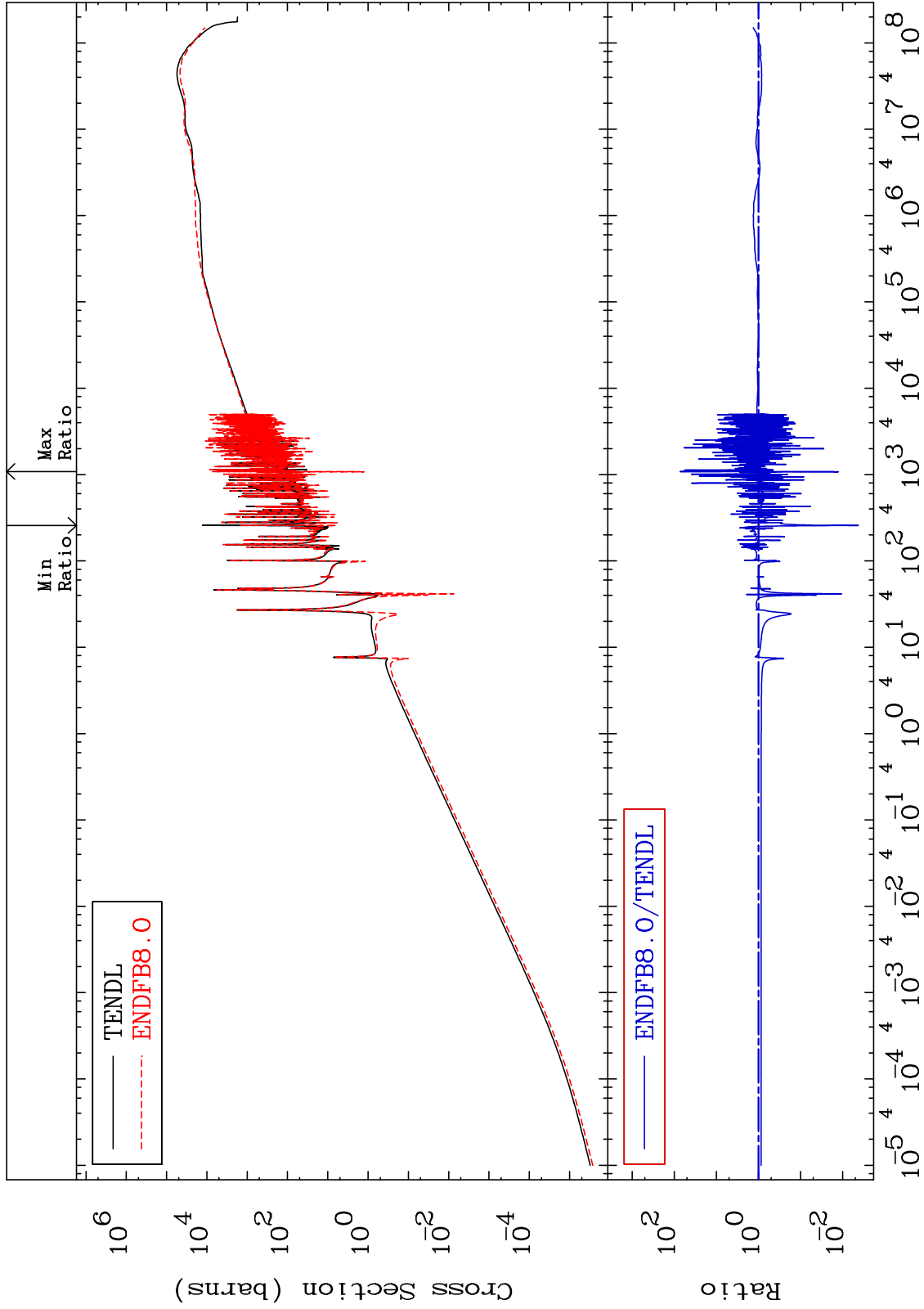
Incident Energy (eV)

74-W -183

MAT 7434

Kerma elastic
Cross Section

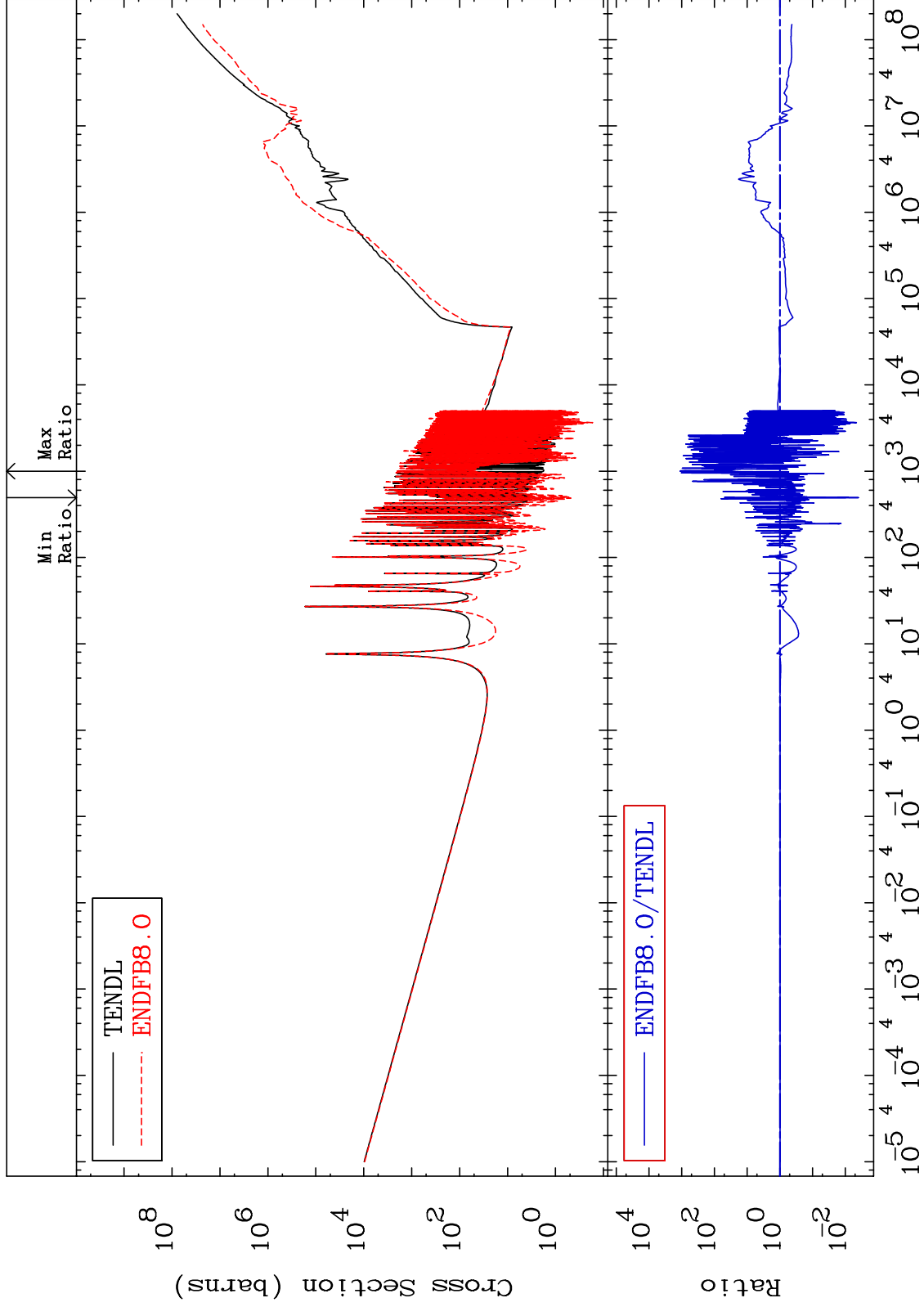
74-W -183
-99.58 To 7219. %



MAT 7434

Kerma non-elastic (all but mt2)
Cross Section

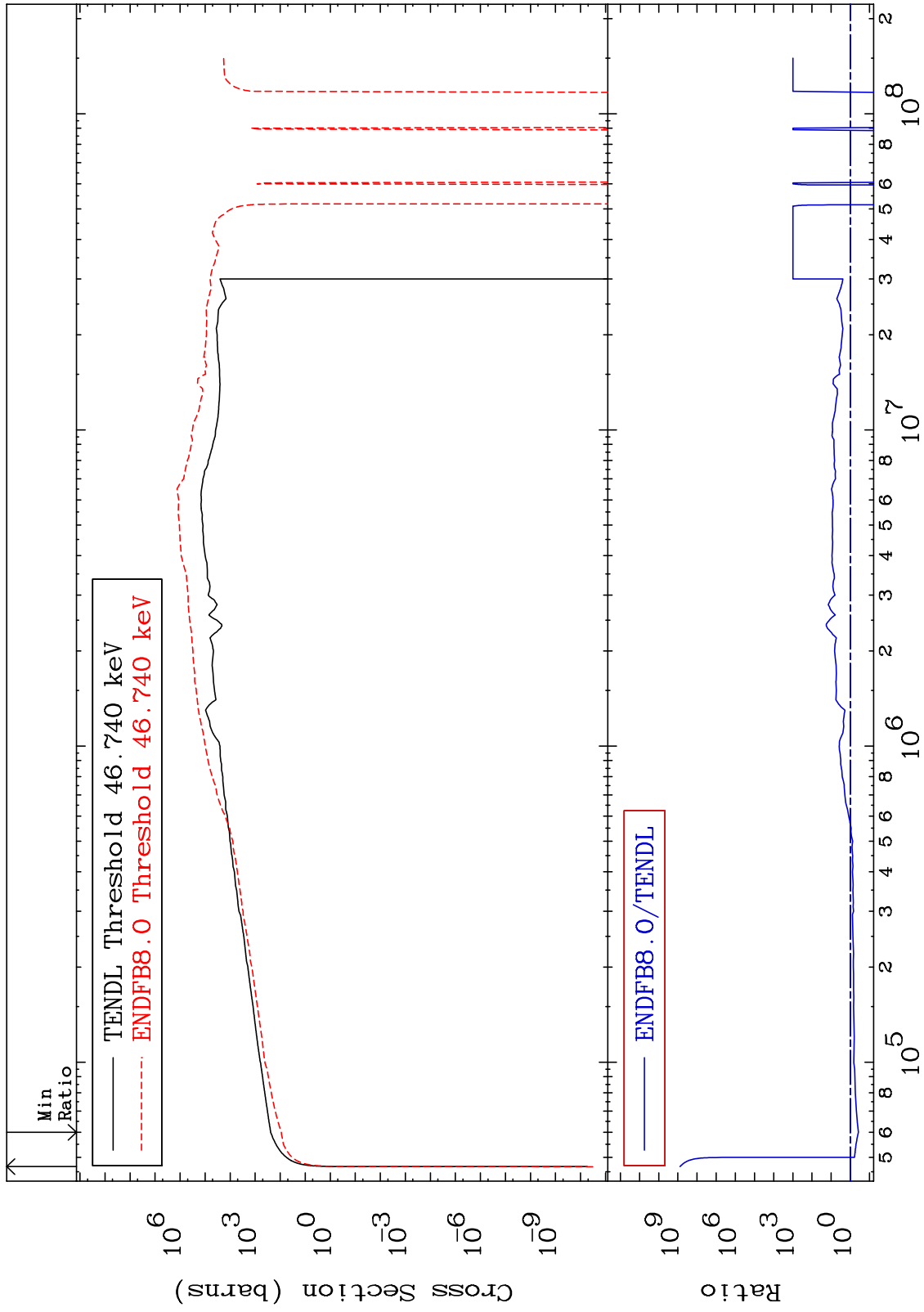
74-W -183
-99.60 To 9999. %



MAT 7434

Kerma inelastic (mt51-91)
Cross Section

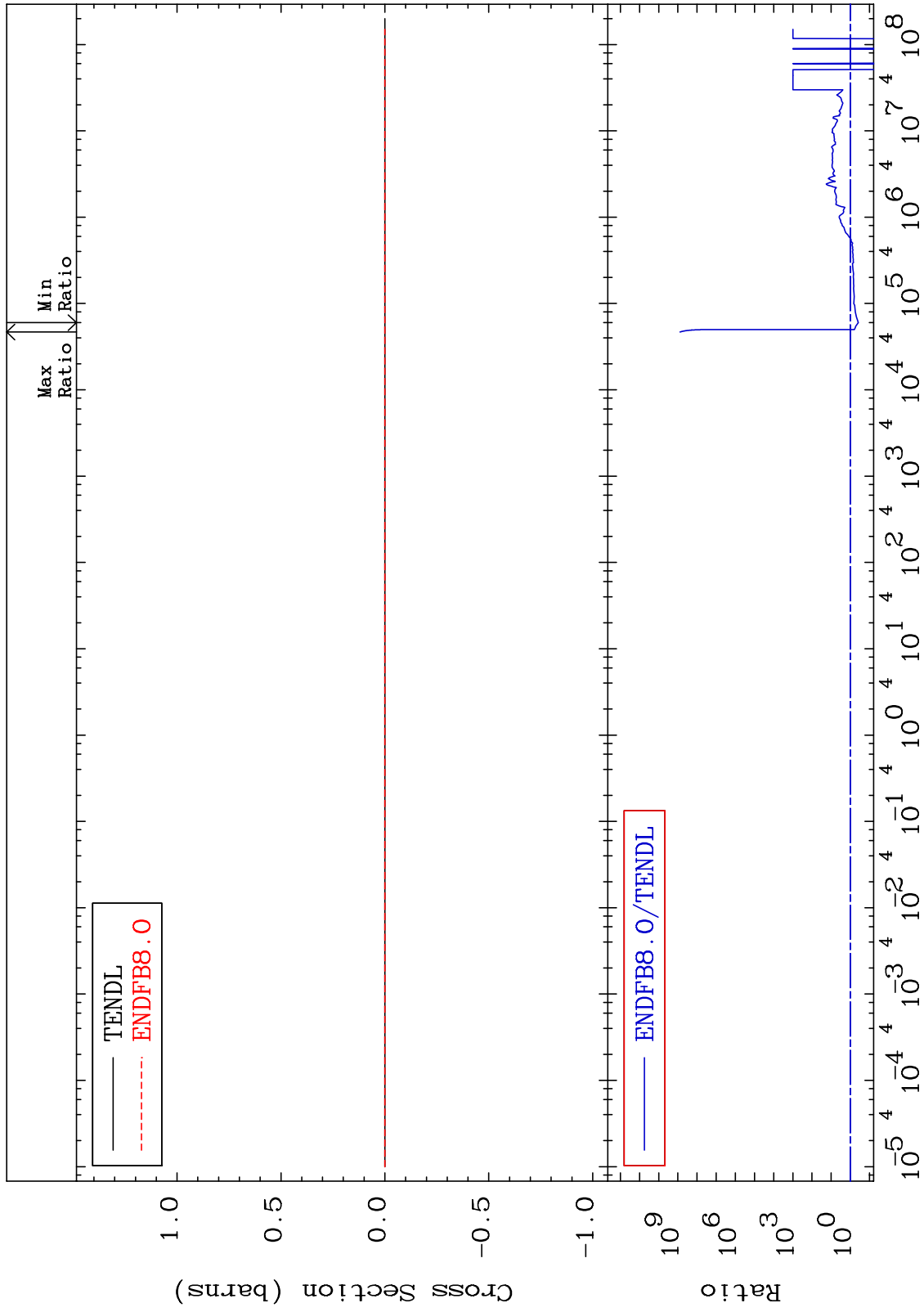
74-W -183
-62.09 To 9999. %



MAT 7434

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

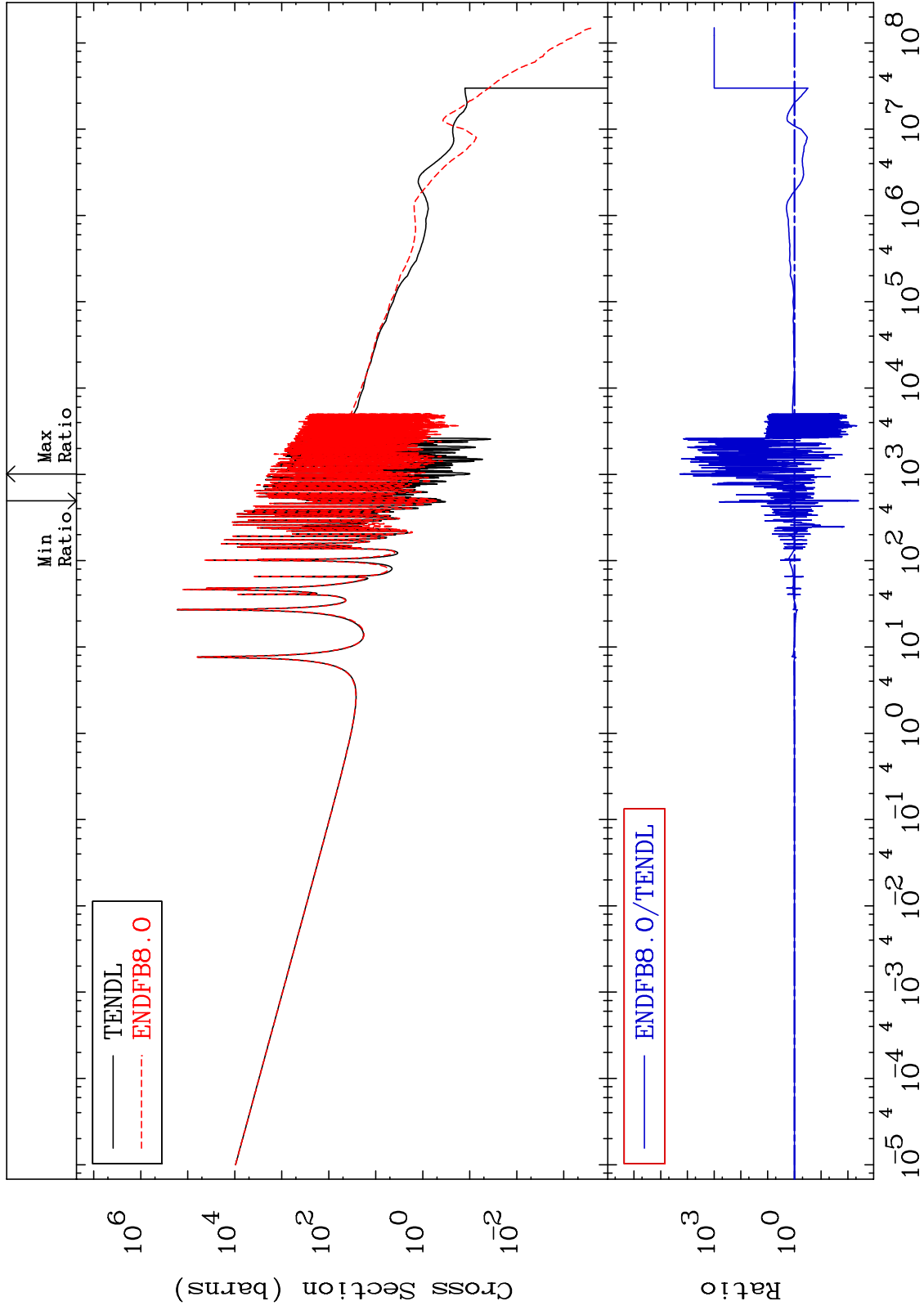
74-W -183
-62.09 To 9999. %



MAT 7434

Kerma capture (mt102)
Cross Section

74-W -183
-99.60 To 9999. %



32

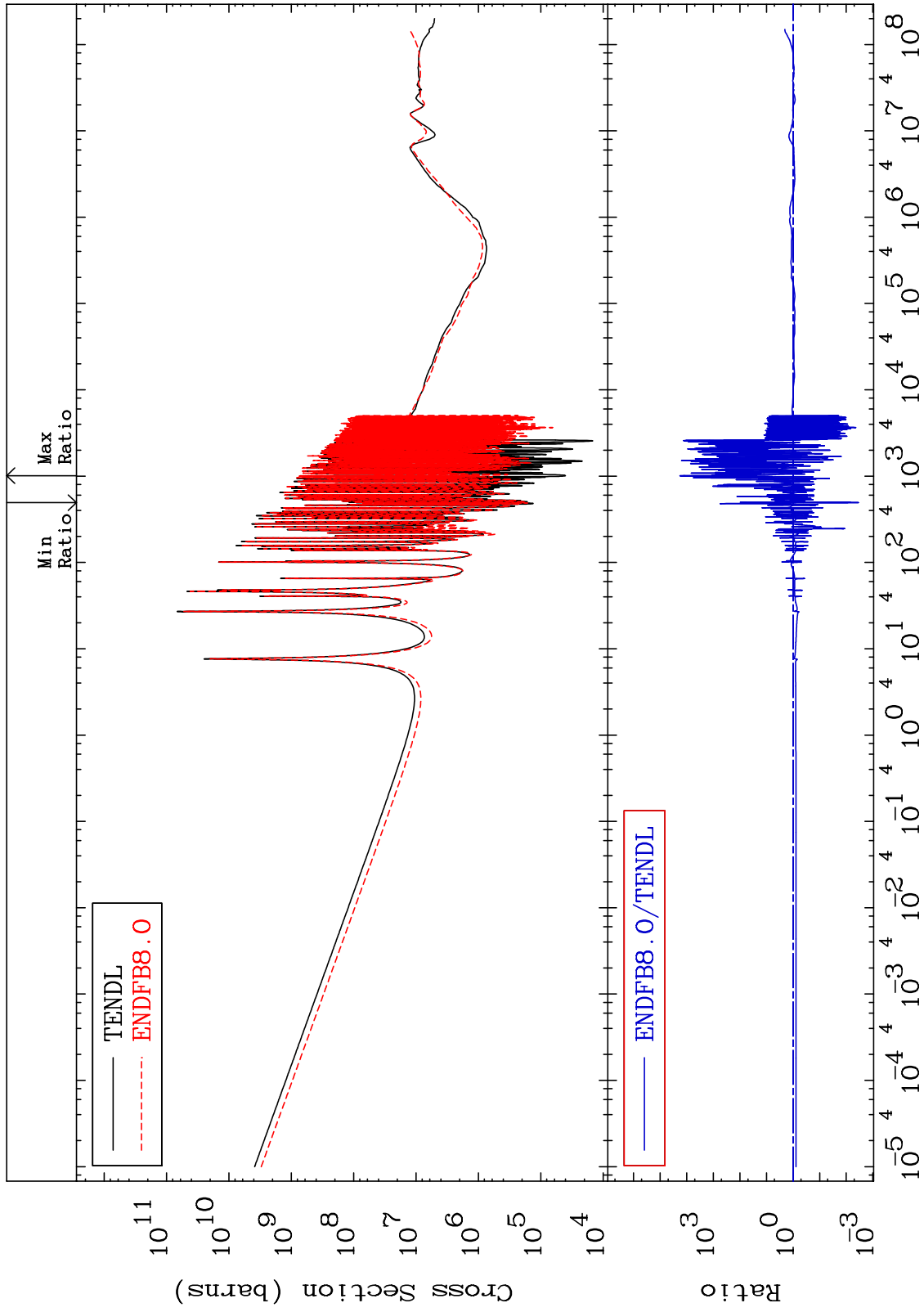
Incident Energy (eV)

74-W -183

MAT 7434

Total photon (eV-barns)
Cross Section

74-W -183
-99.65 To 9999. %



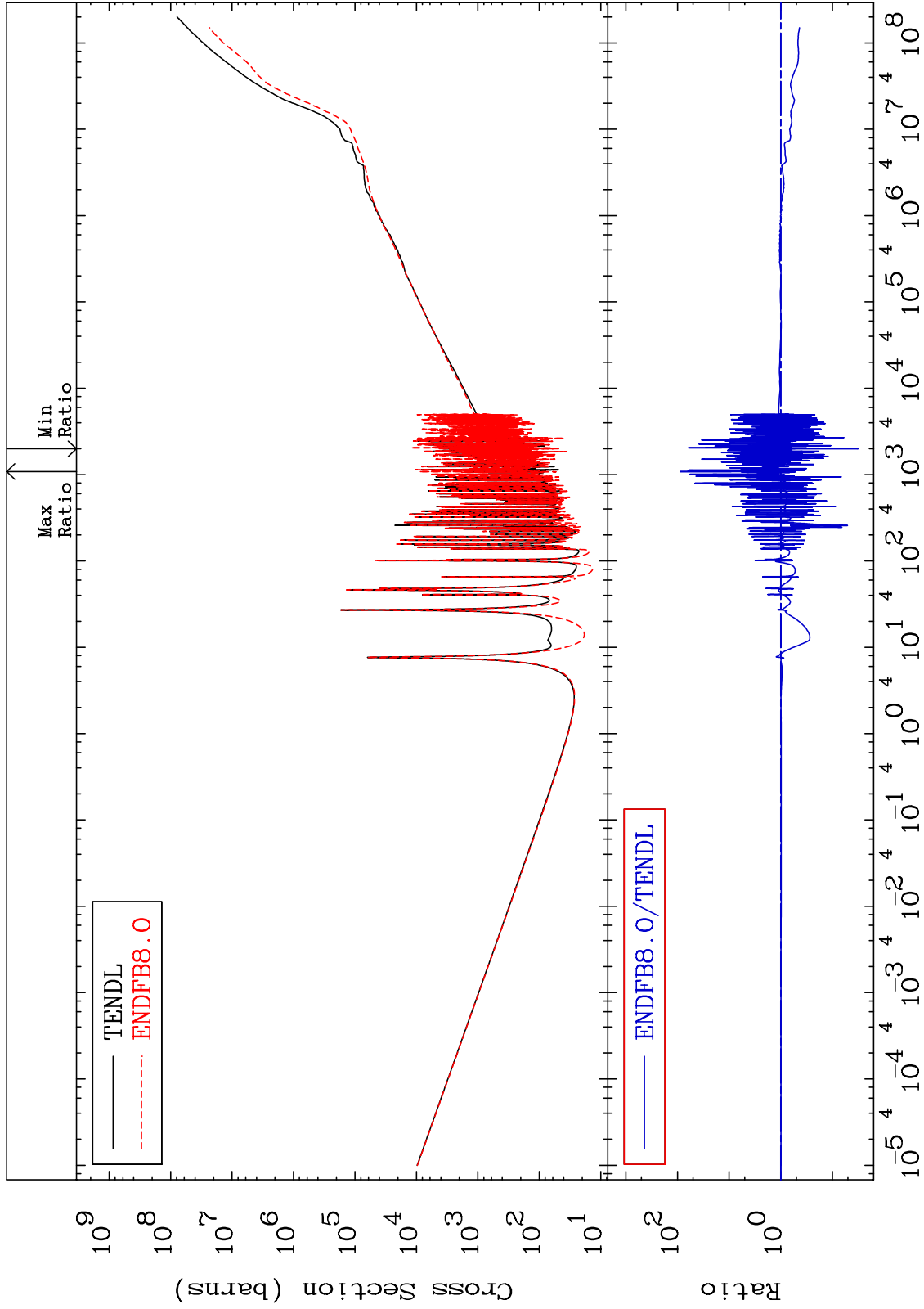
— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

MAT 7434

Total kinematic kerma (high limit)
Cross Section

74-W -183
-96.86 To 8827. %



34

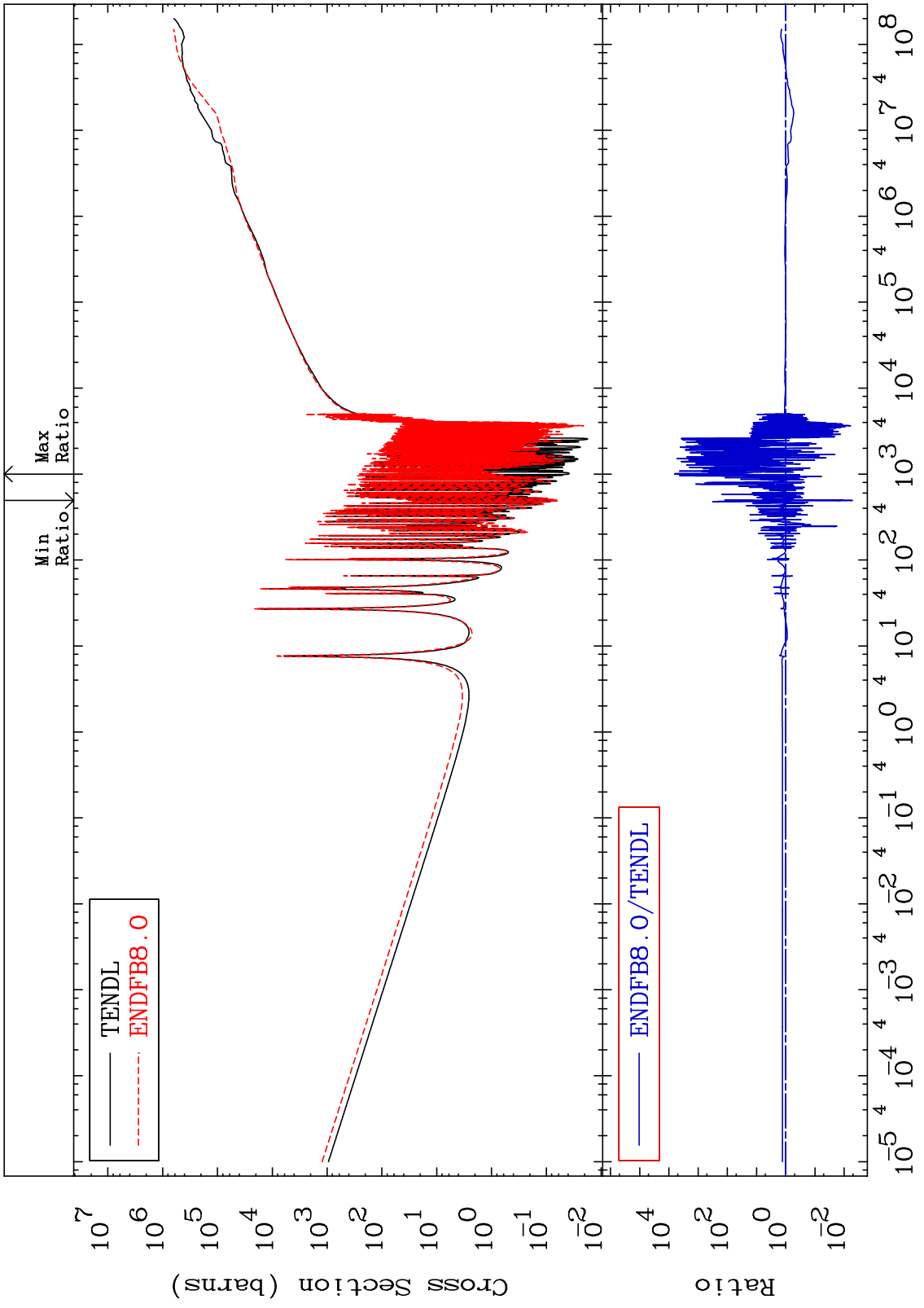
Incident Energy (eV)

74-W -183

MAT 7434

Dpa total (eV-barns)
Cross Section

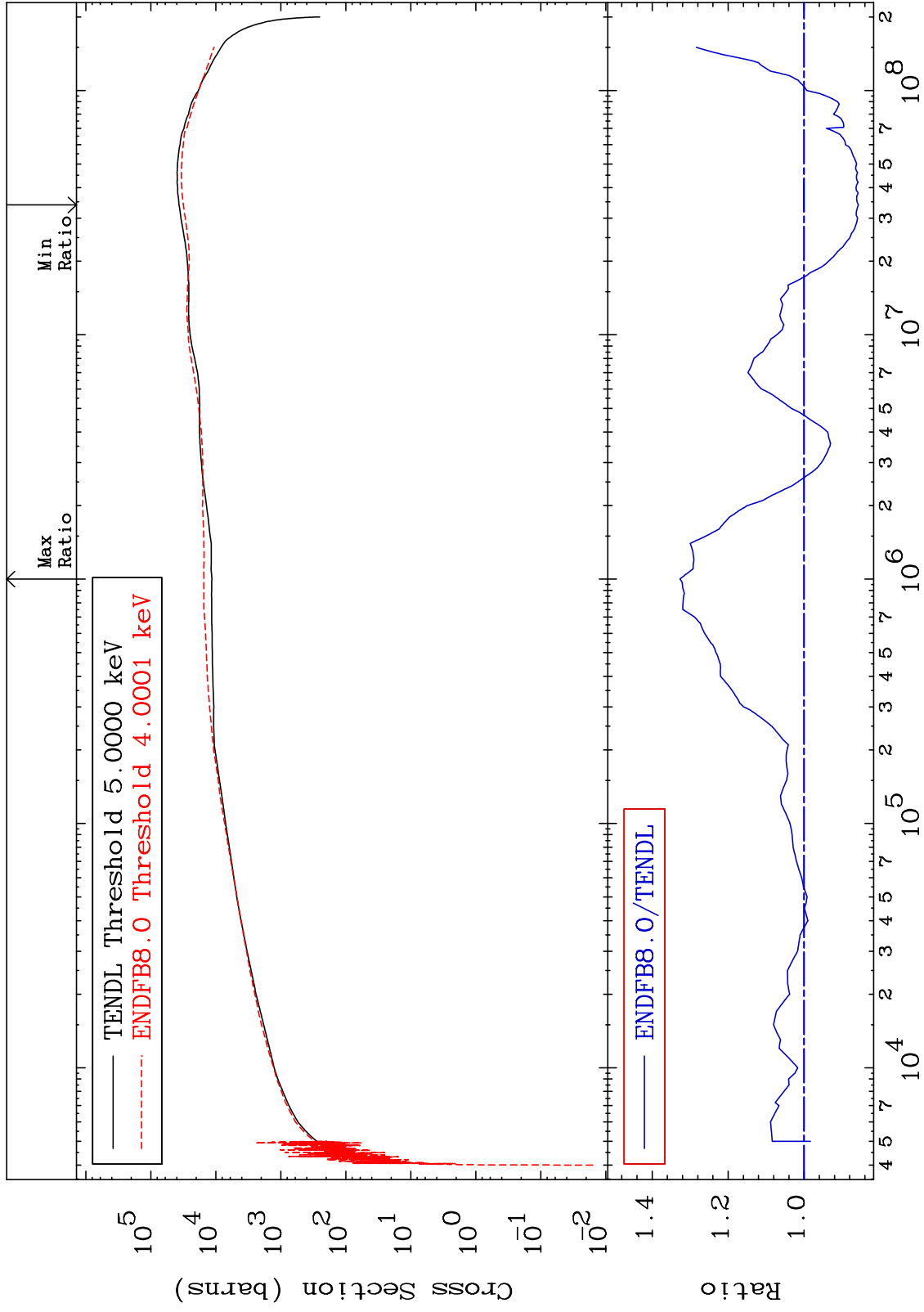
74-W -183
-99.47 To 9999. %



MAT 7434

Dpa elastic (mt2)
Cross Section

74-W -183
-14.29 To 32.67 %



36

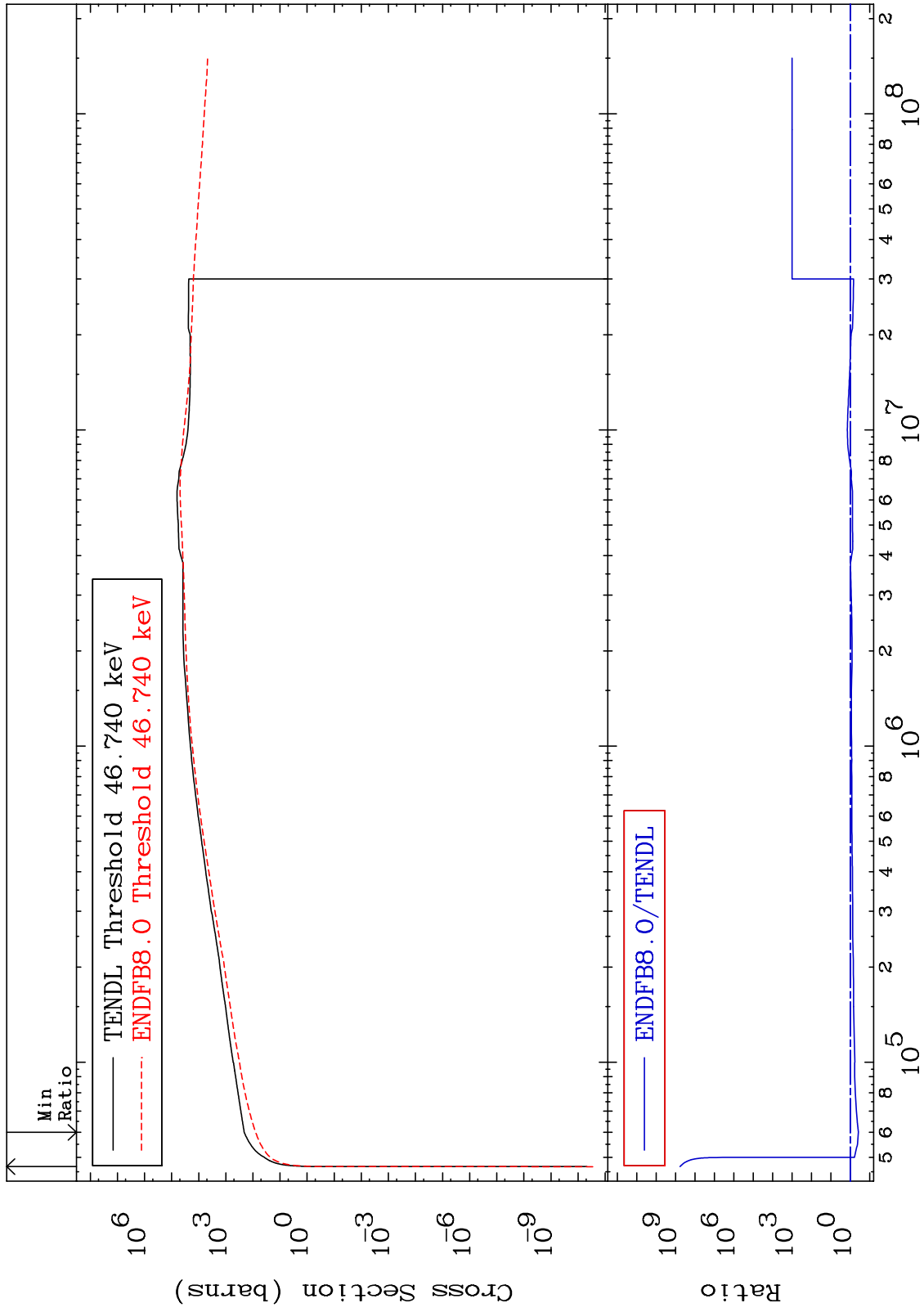
Incident Energy (eV)

74-W -183

MAT 7434

Dpa inelastic (mt51-91)
Cross Section

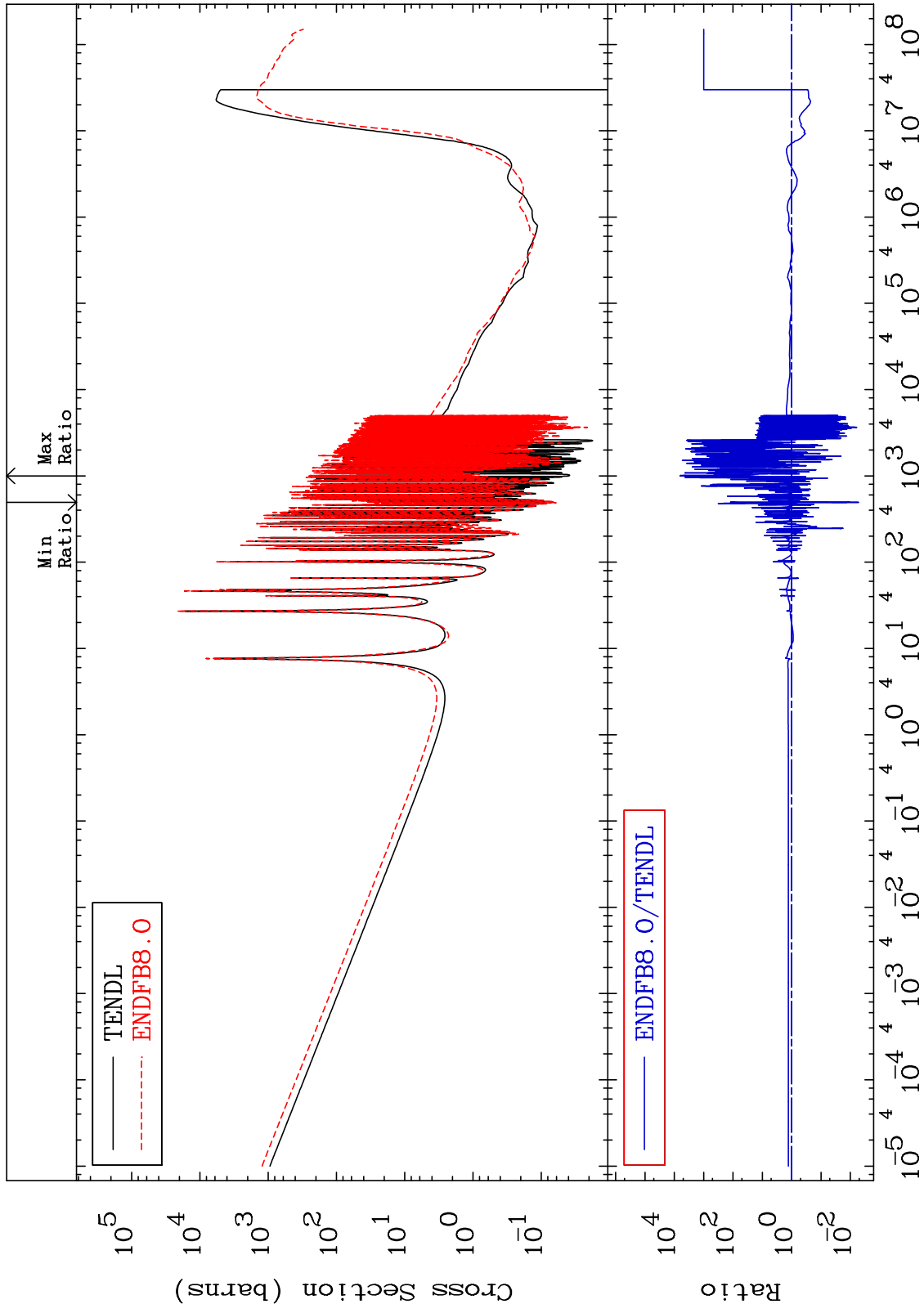
74-W -183
-62.10 To 9999. %



MAT 7434

Dpa disappearance (mt102 -120)
Cross Section

74-W -183
-99.47 To 9999. %

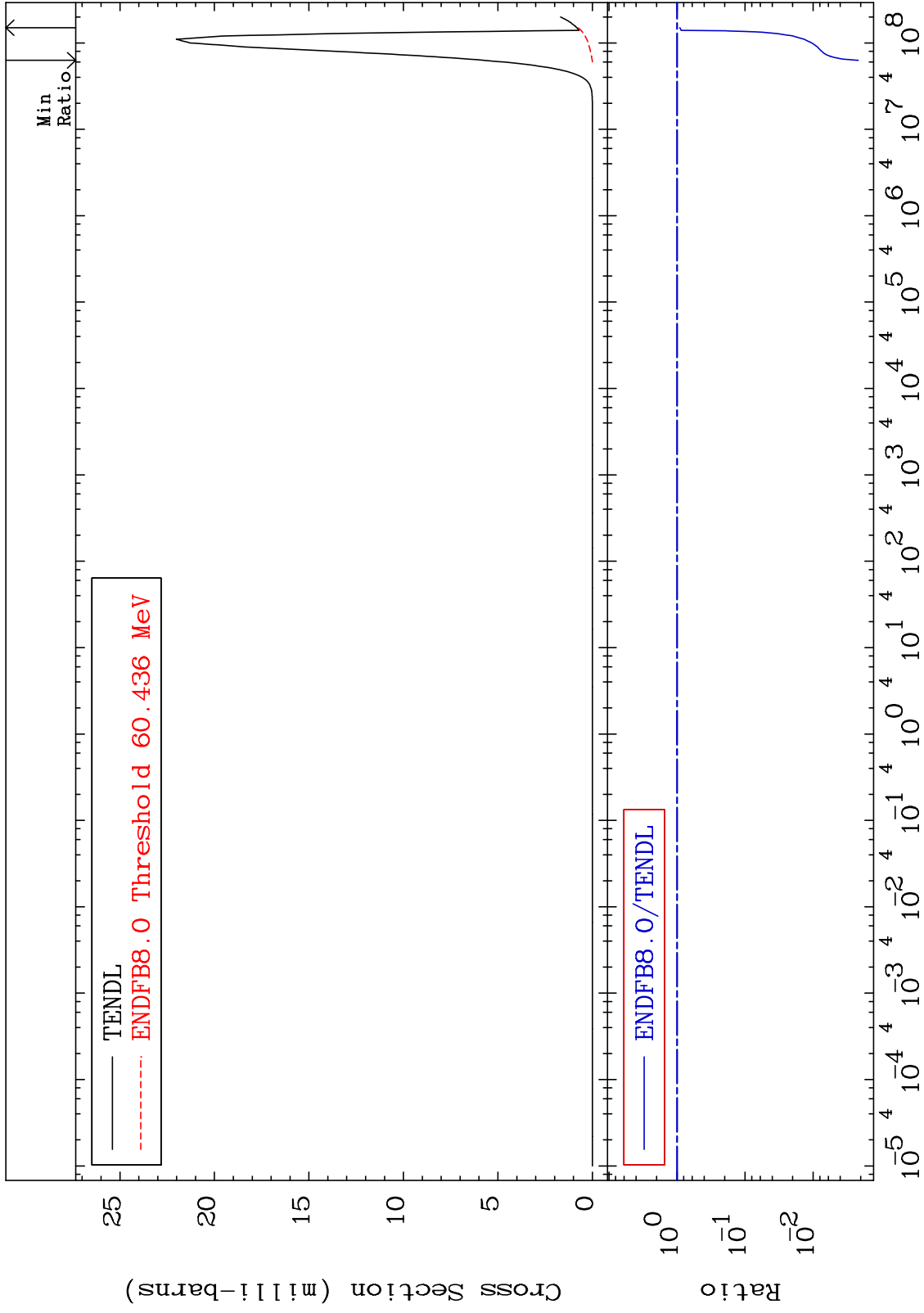


MAT 7434

Fission: 0-?-?-Nat

74-W -183

Radionuclide Production Cross Section -99.78 To -9.002%



39

Incident Energy (eV)

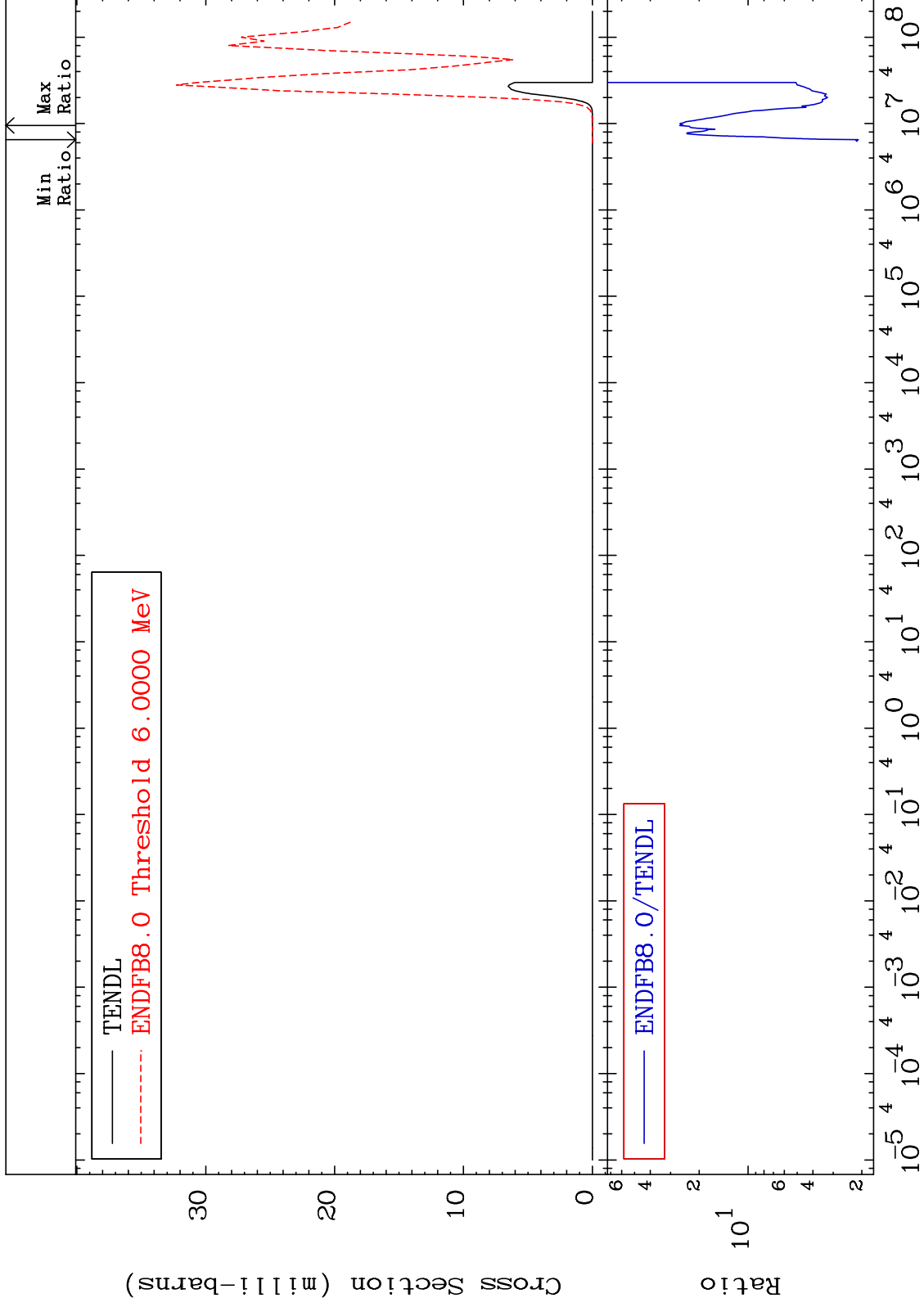
74-W -183

MAT 7434

74-W -183

(n, n') α :72-Hf-179g

Radionuclide Production Cross Section 110.2 To 2533. %



40

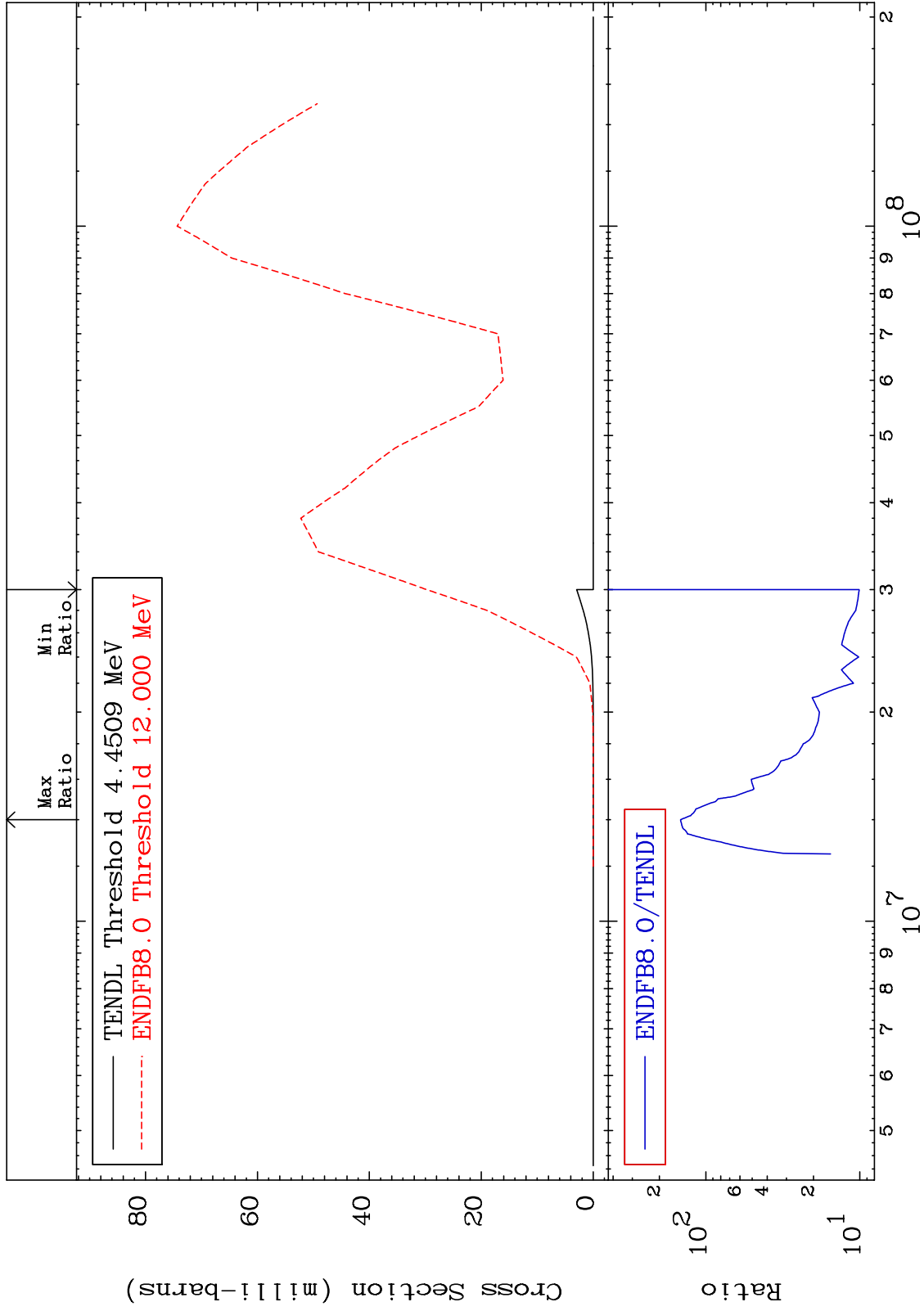
Incident Energy (eV)

74-W -183

MAT 7434

(n,2n) α :72-Hf-178g
Radionuclide Production Cross Section 910.4 To 9999. %

74-W -183



41

Incident Energy (eV)

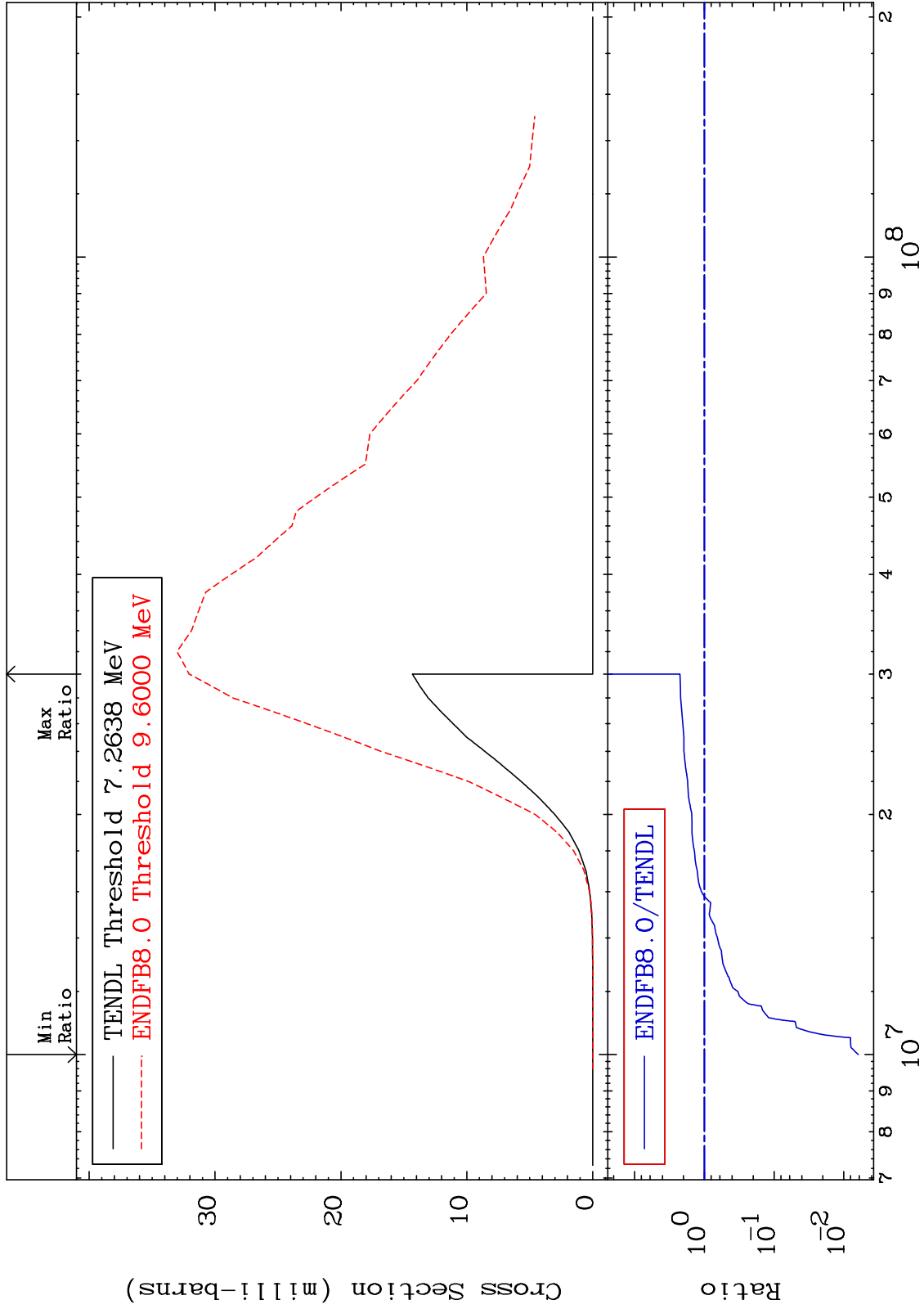
74-W -183

MAT 7434

74-W -183

(n, n') p:73-Ta-182g

Radionuclide Production Cross Section -99.38 To 123.7 %



42

Incident Energy (eV)

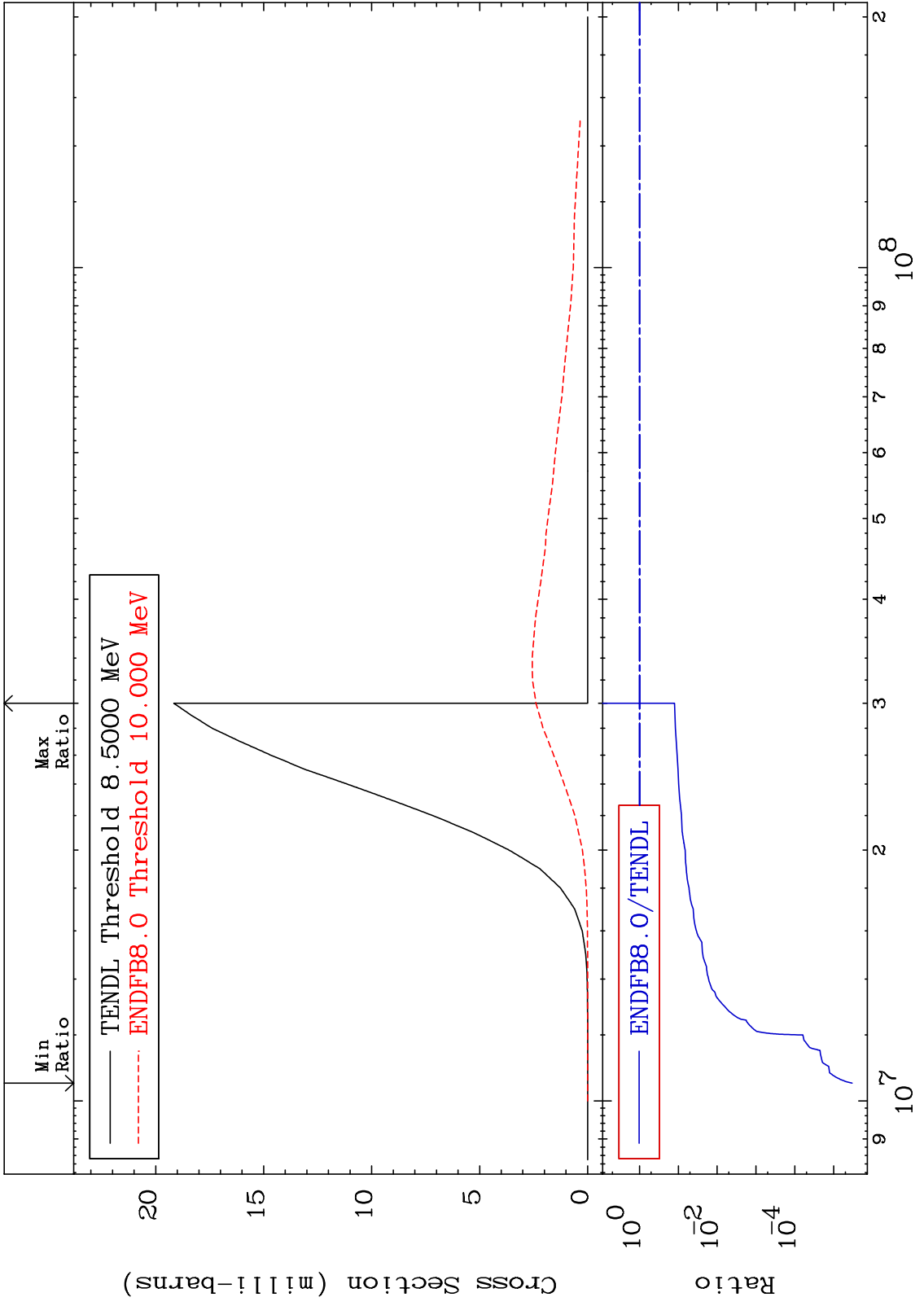
74-W -183

MAT 7434

(n, n') p:73-Ta-182m1

74-W -183

Radionuclide Production Cross Section -100.0 To -87.52%



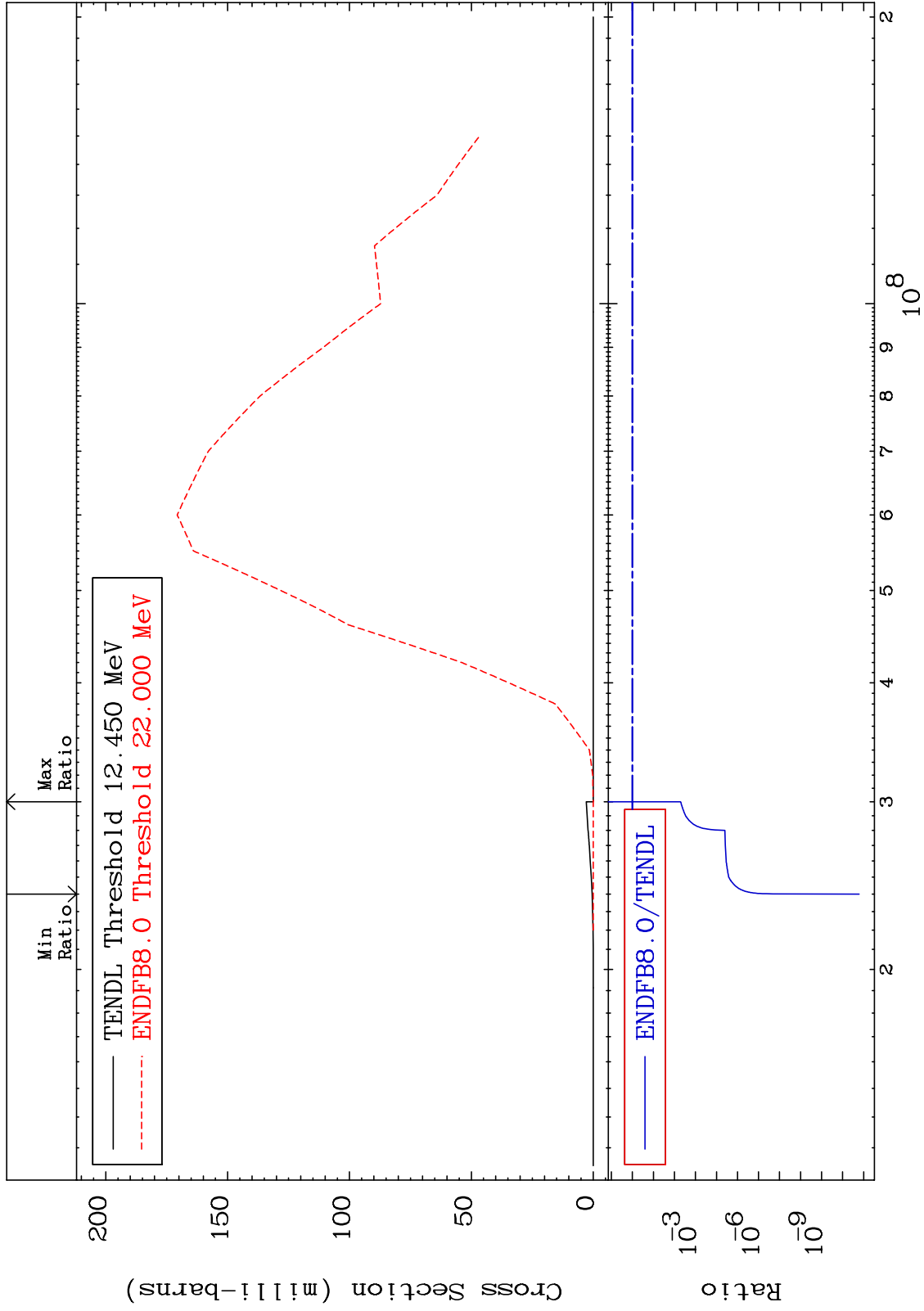
43

Incident Energy (eV)

74-W -183

MAT 7434

(n, n') t:73-Ta-180g 74-W -183
Radionuclide Production Cross Section -100.0 To -99.49%



74-W -183

Incident Energy (eV)

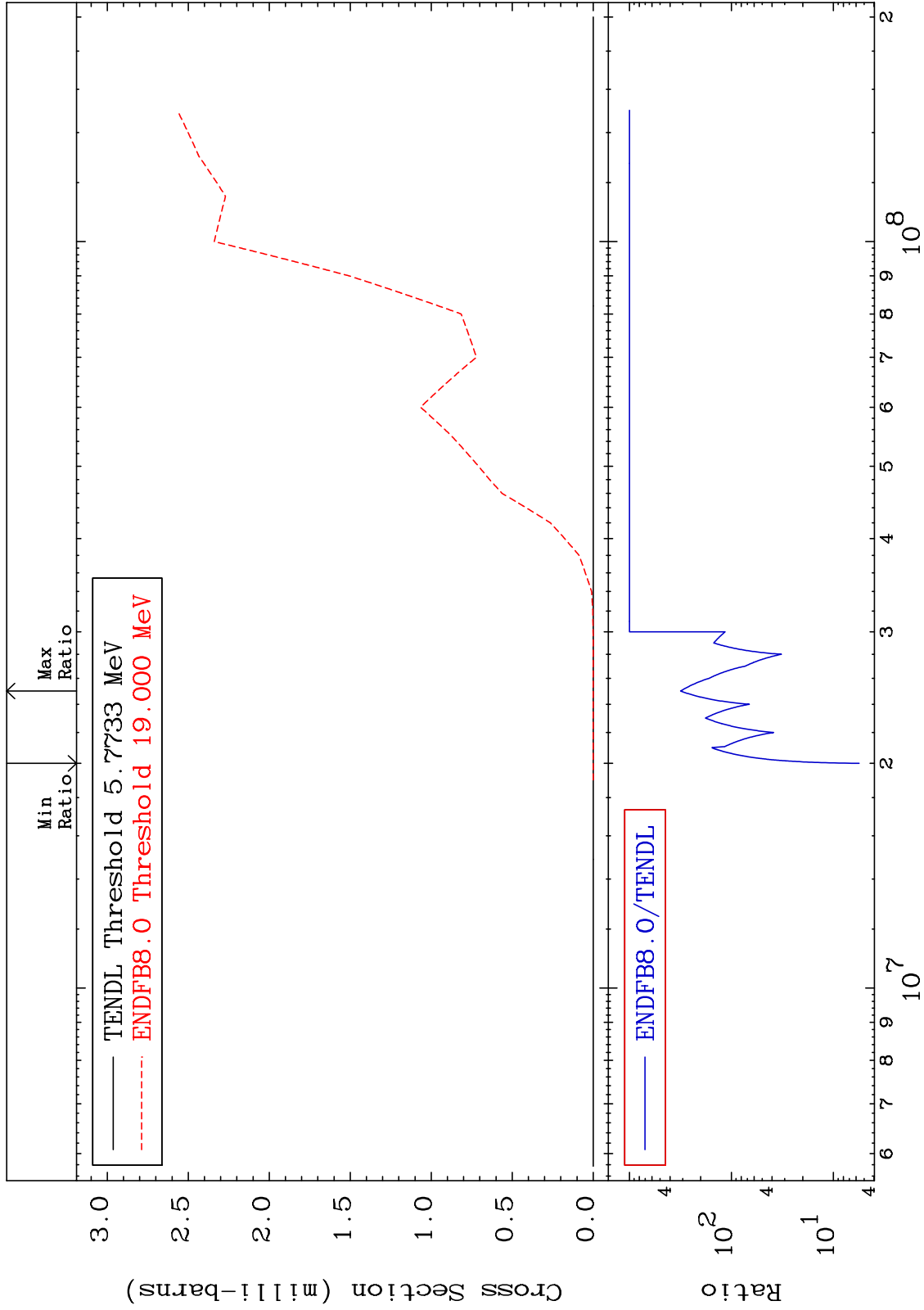
44

MAT 7434

(n, n') p α : 71-Lu-178g

74-W -183

Radionuclide Production Cross Section 459.8 To 9999. %



45

Incident Energy (eV)

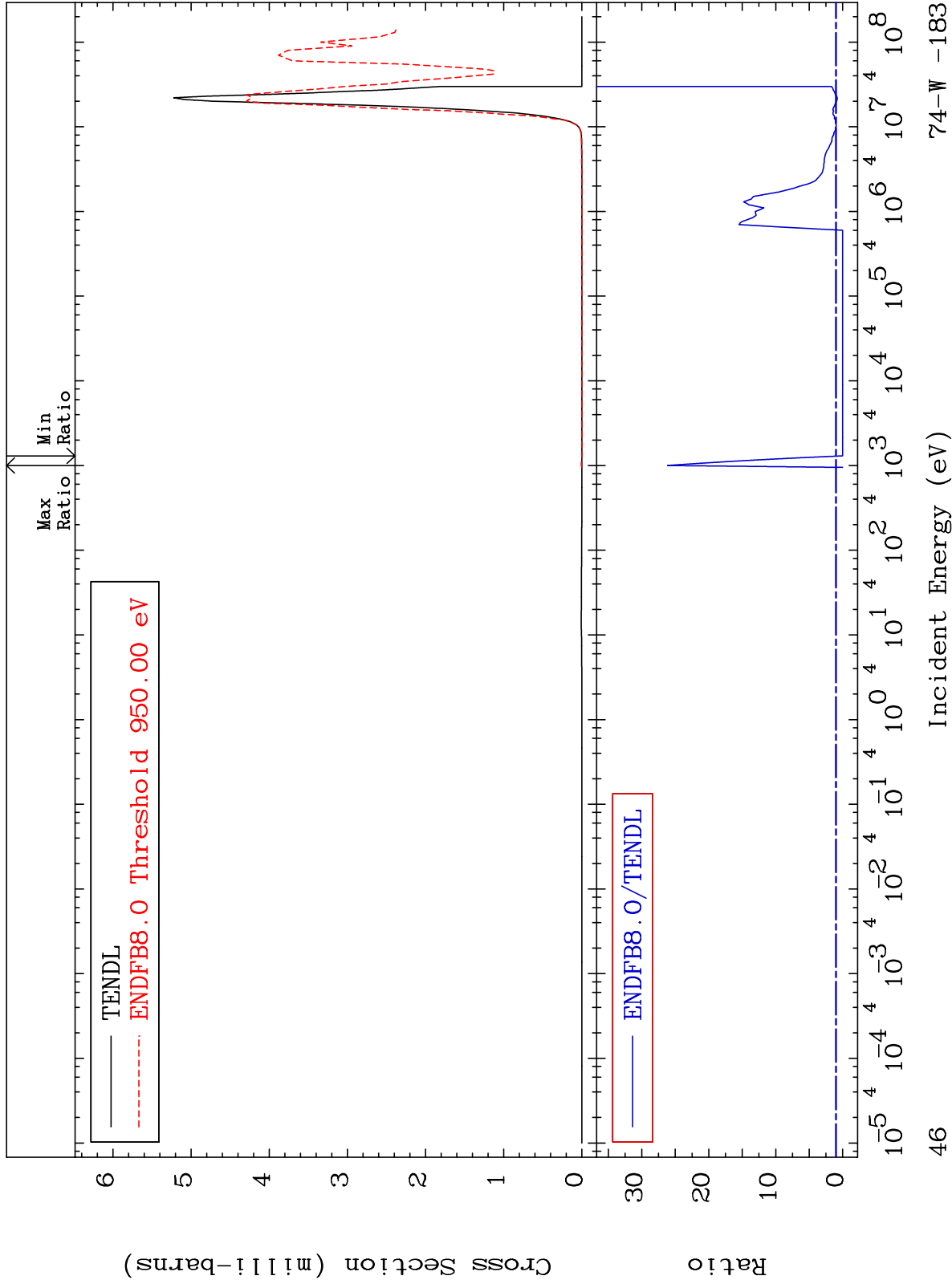
74-W -183

MAT 7434

(n, α): 72-Hf-180g

74-W -183

Radionuclide Production Cross Section -100.0 To 2516. %

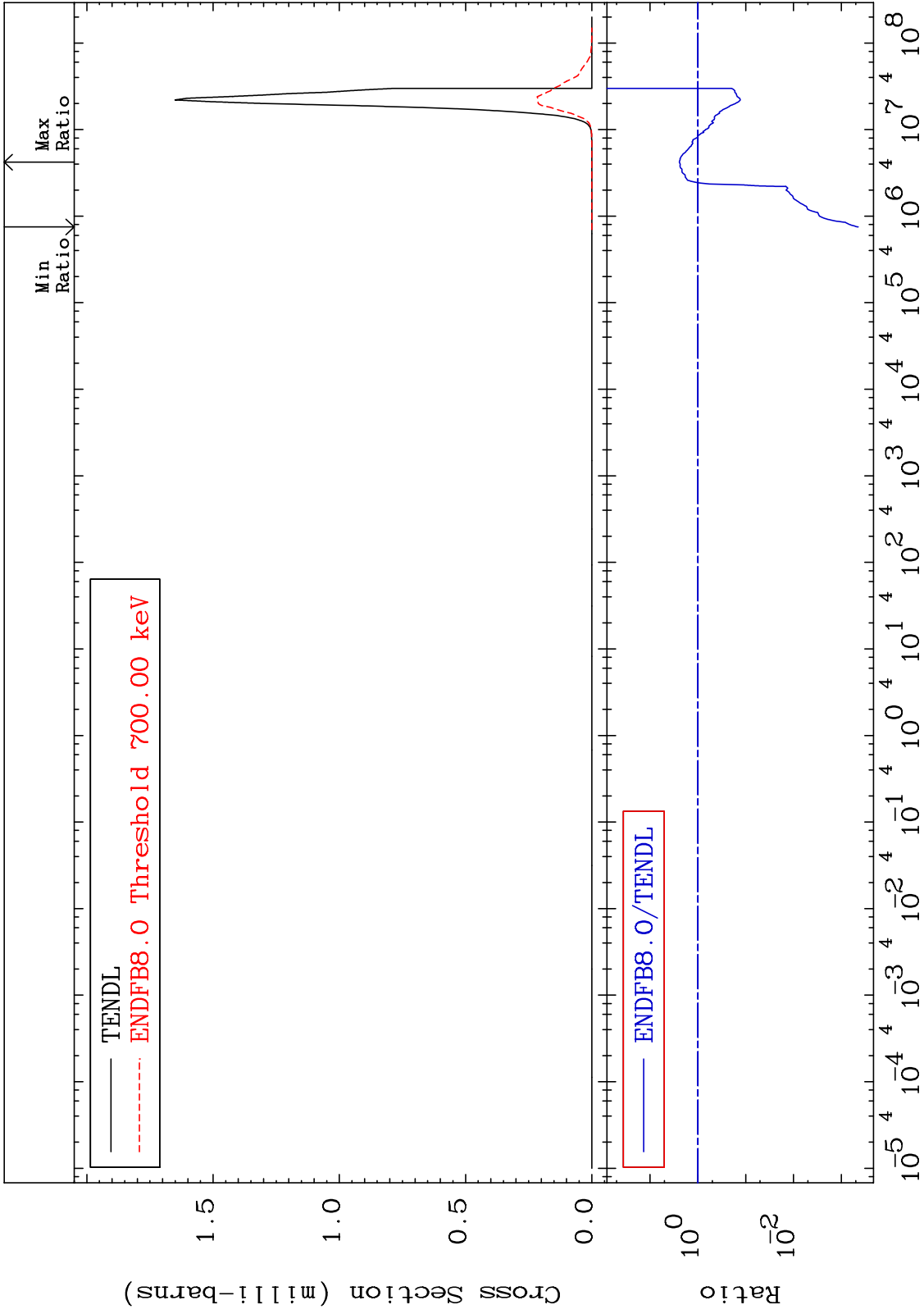


MAT 7434

(n, α): 72-Hf-180m7

74-W -183

Radionuclide Production Cross Section -99.96 To 143.5 %

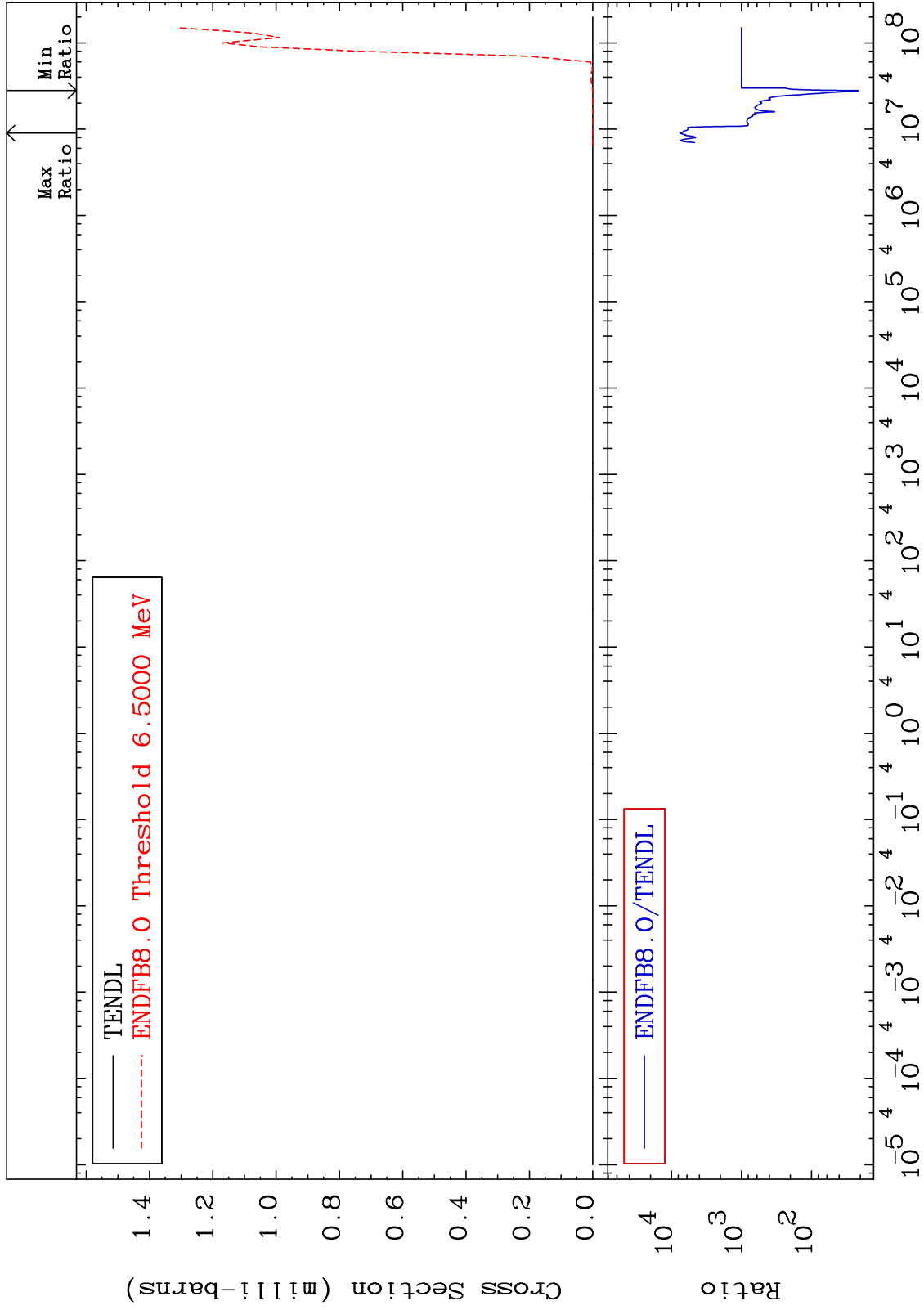


47

Incident Energy (eV)

74-W -183

Radionuclide Production Cross Section 2031. To 9999. %

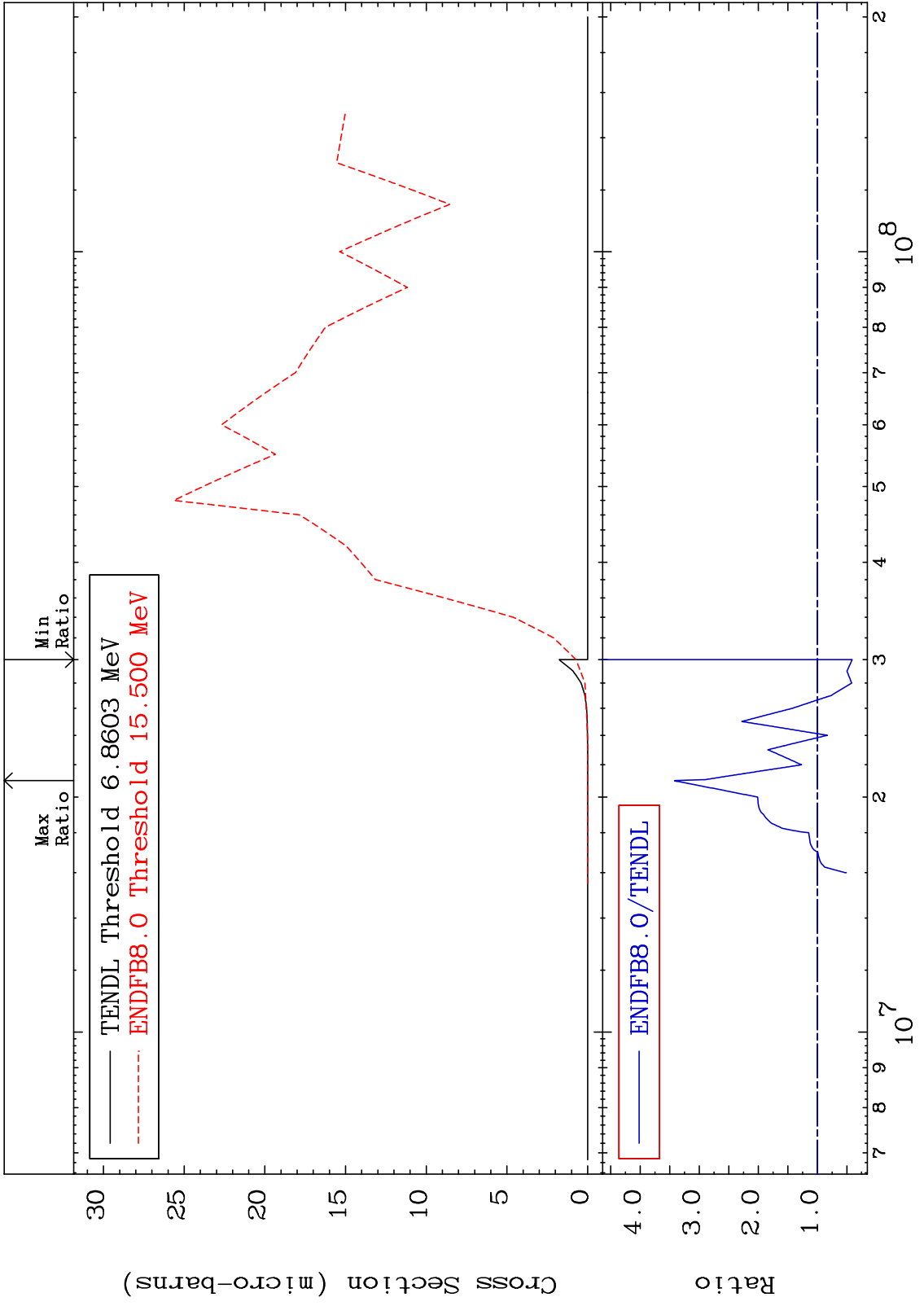


MAT 7434

(n,2p):72-Hf-182g

74-W -183

Radionuclide Production Cross Section -59.08 To 241.8 %



49

Incident Energy (eV)

74-W -183