

Program Complot
(Version 2018-1)

by

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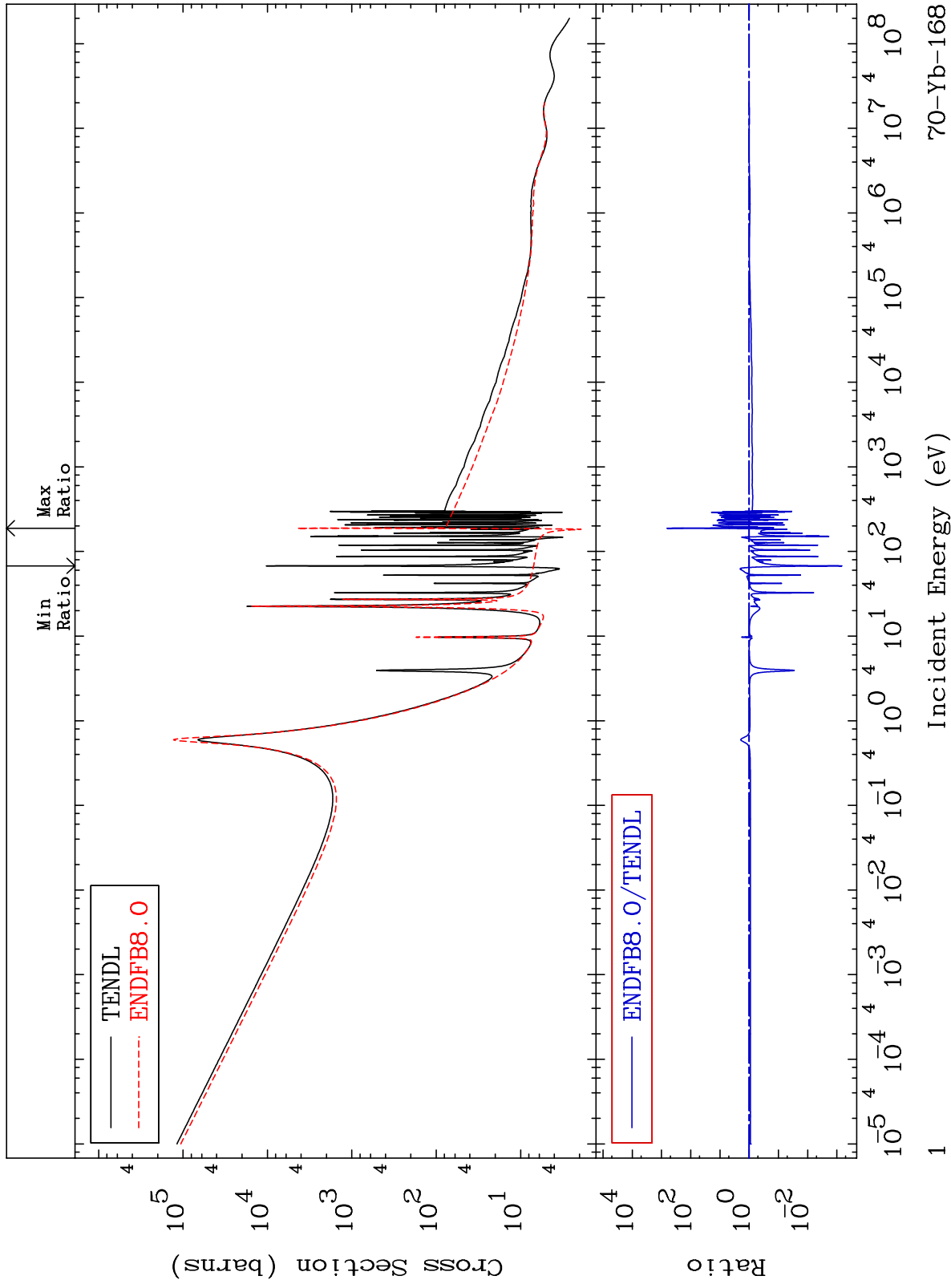
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7025 70-Yb-168
Total -99.93 To 9999. %
Cross Section



70-Yb-168

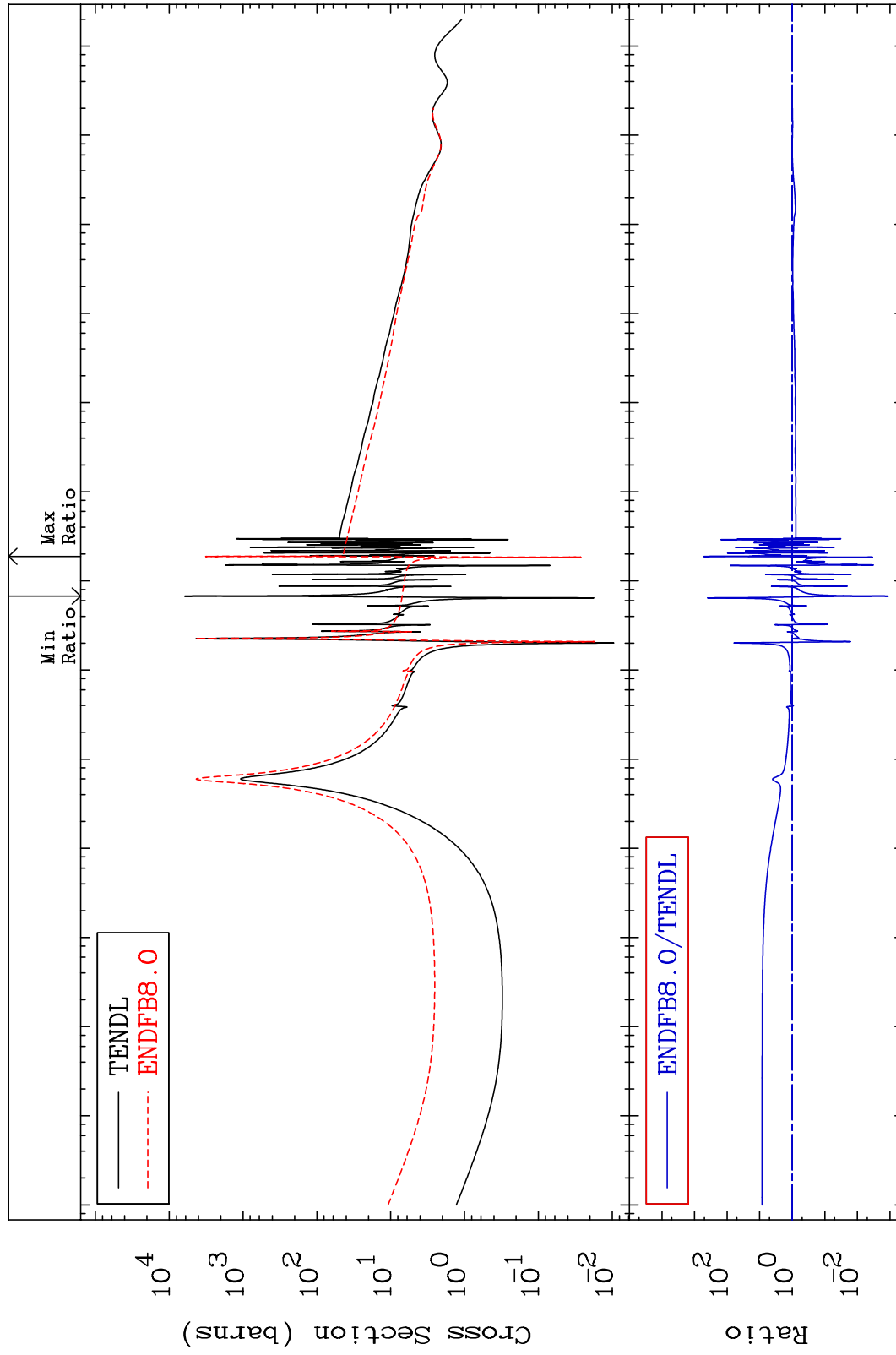
MAT 7025

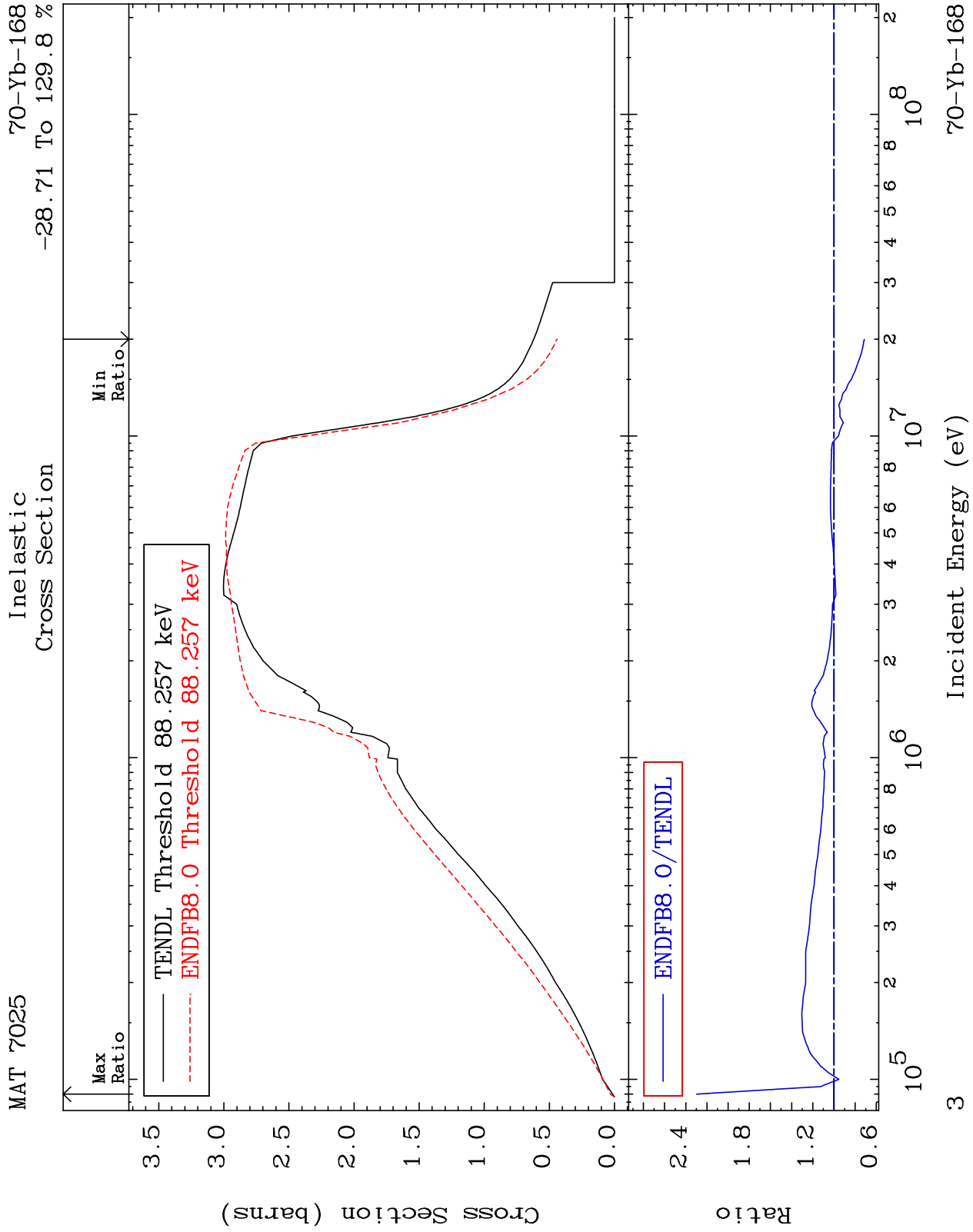
Elastic

70-Yb-168

-99.89 To 9999. %

Cross Section





MAT 7025

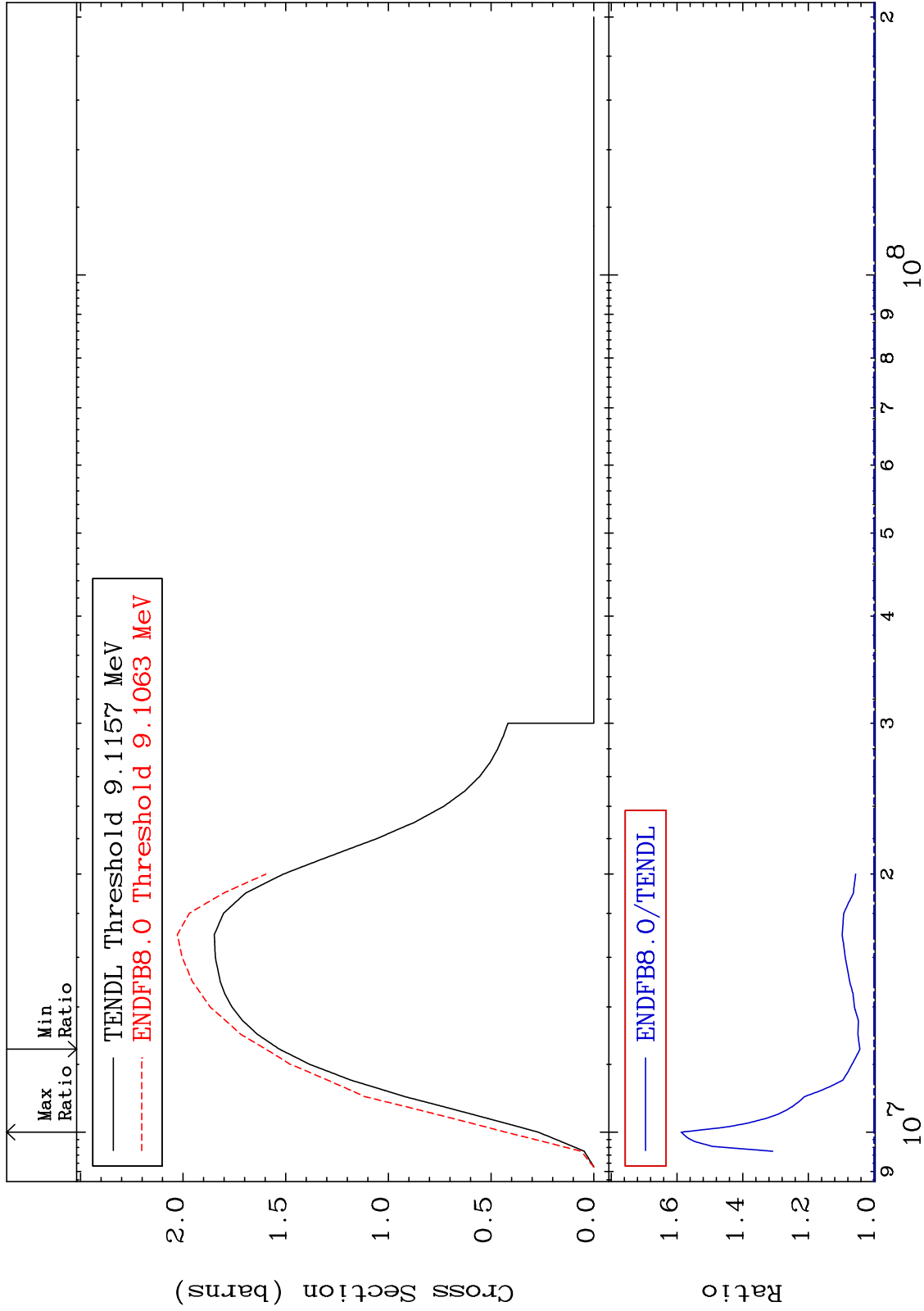
(n,2n)

70-Yb-168

Cross Section

4.333

To 58.69 %



MAT 7025

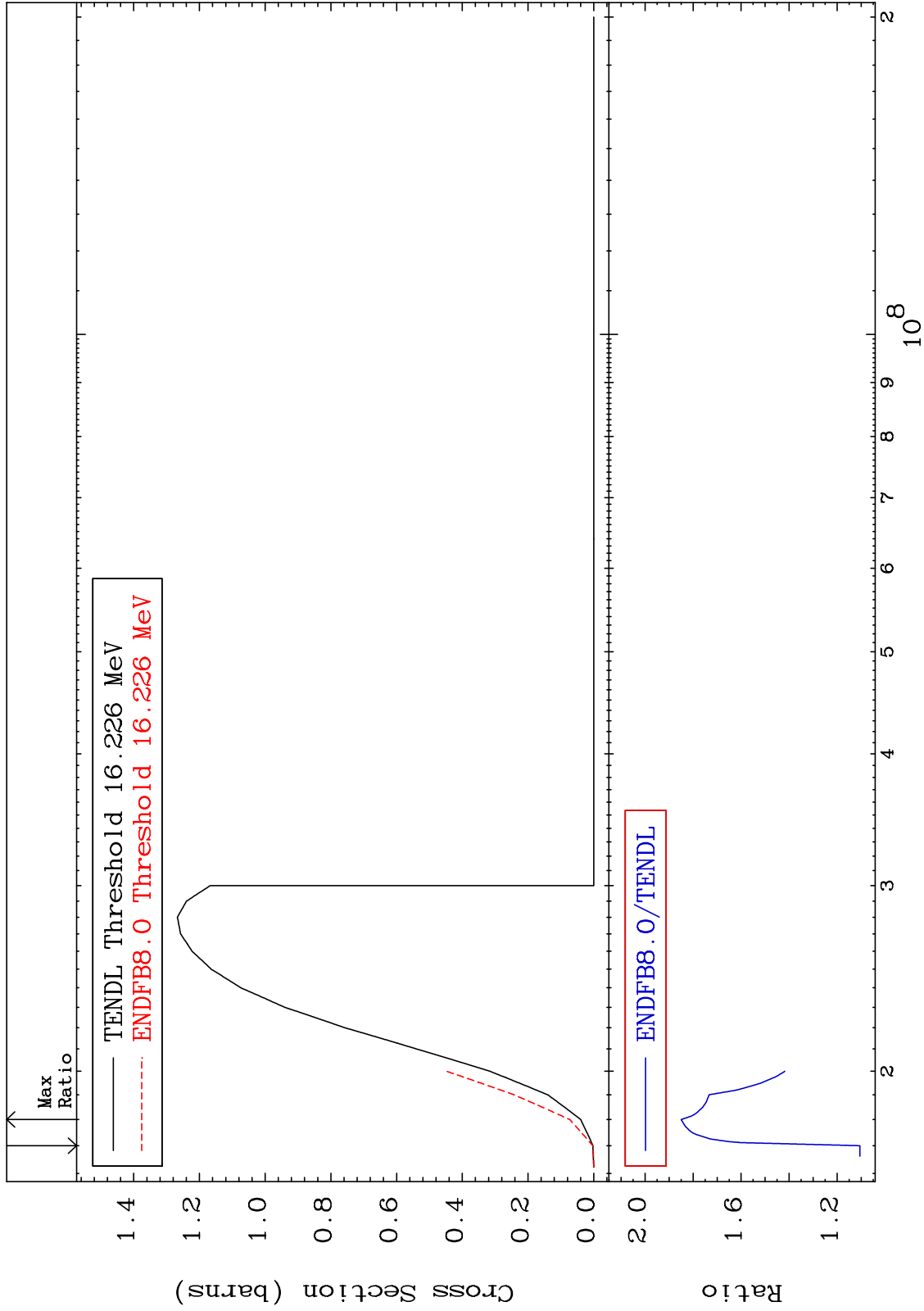
(n, 3n)

70-Yb-168

Cross Section

10.54

To 84.94 %



Incident Energy (eV)

70-Yb-168

5

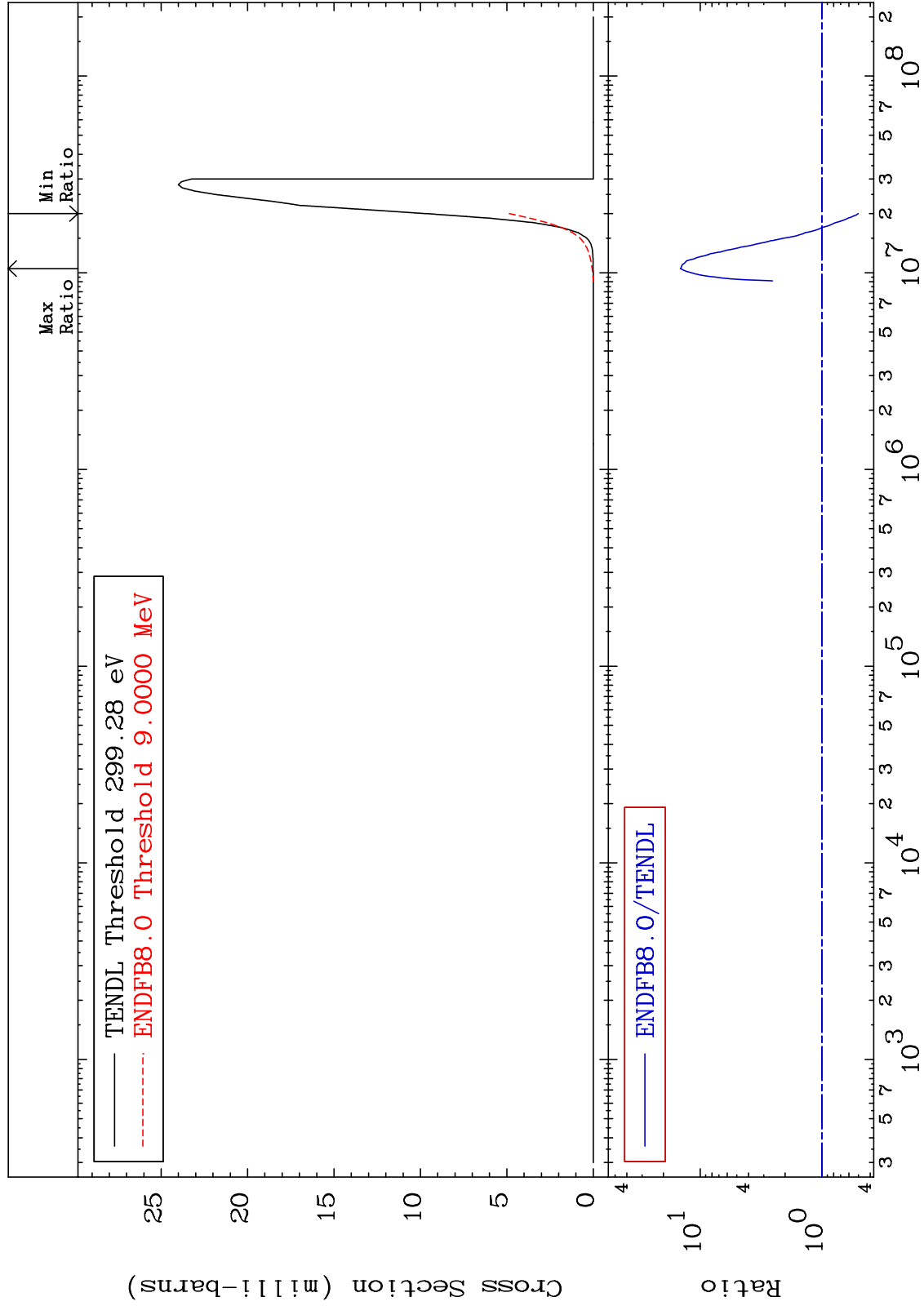
MAT 7025

(n, n') α

Cross Section

70-Yb-168

-50.07 To 1351. %



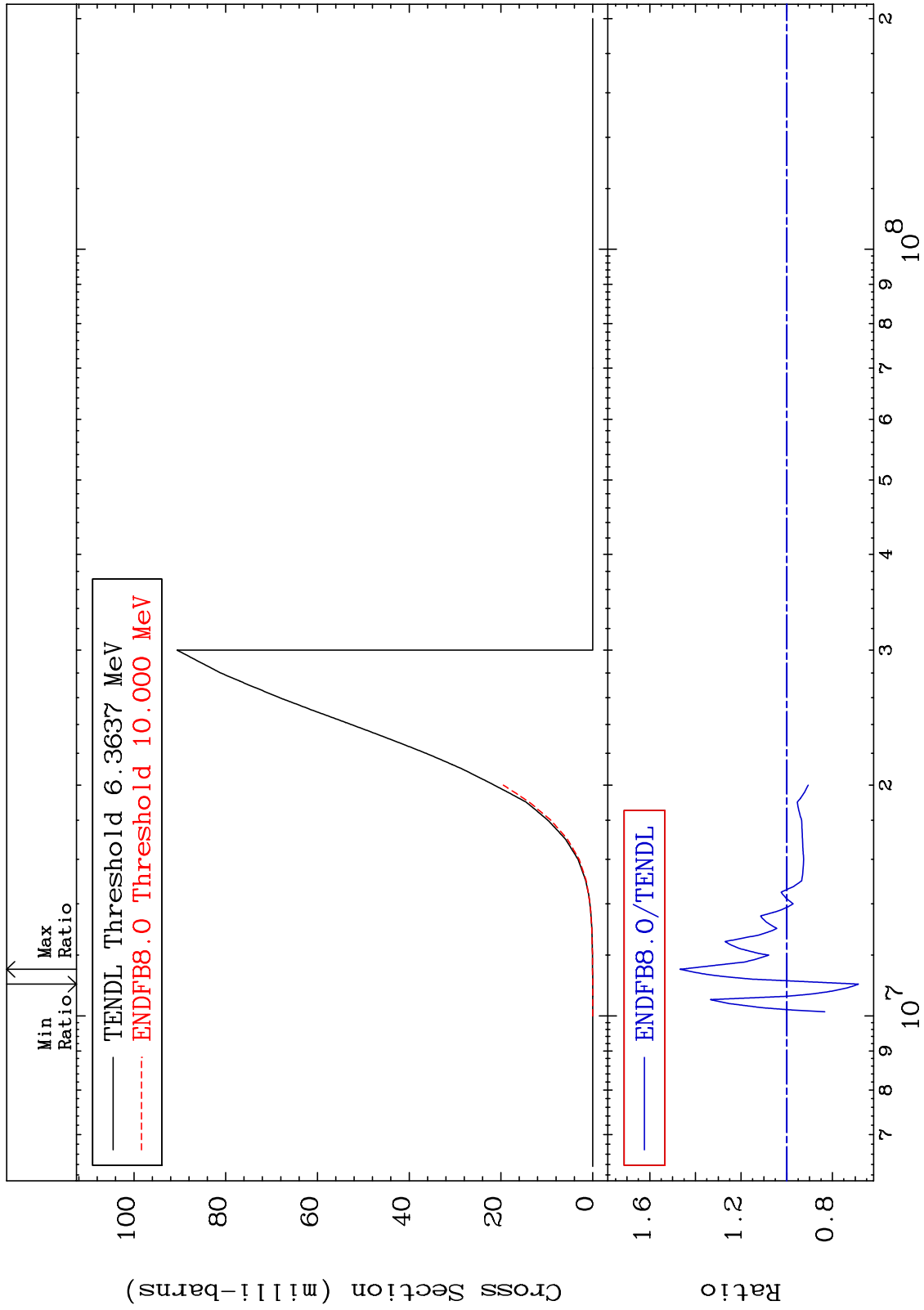
6

70-Yb-168

MAT 7025

(n, n') p
Cross Section

70-Yb-168
-31.38 To 46.76 %



7

Incident Energy (eV)

70-Yb-168

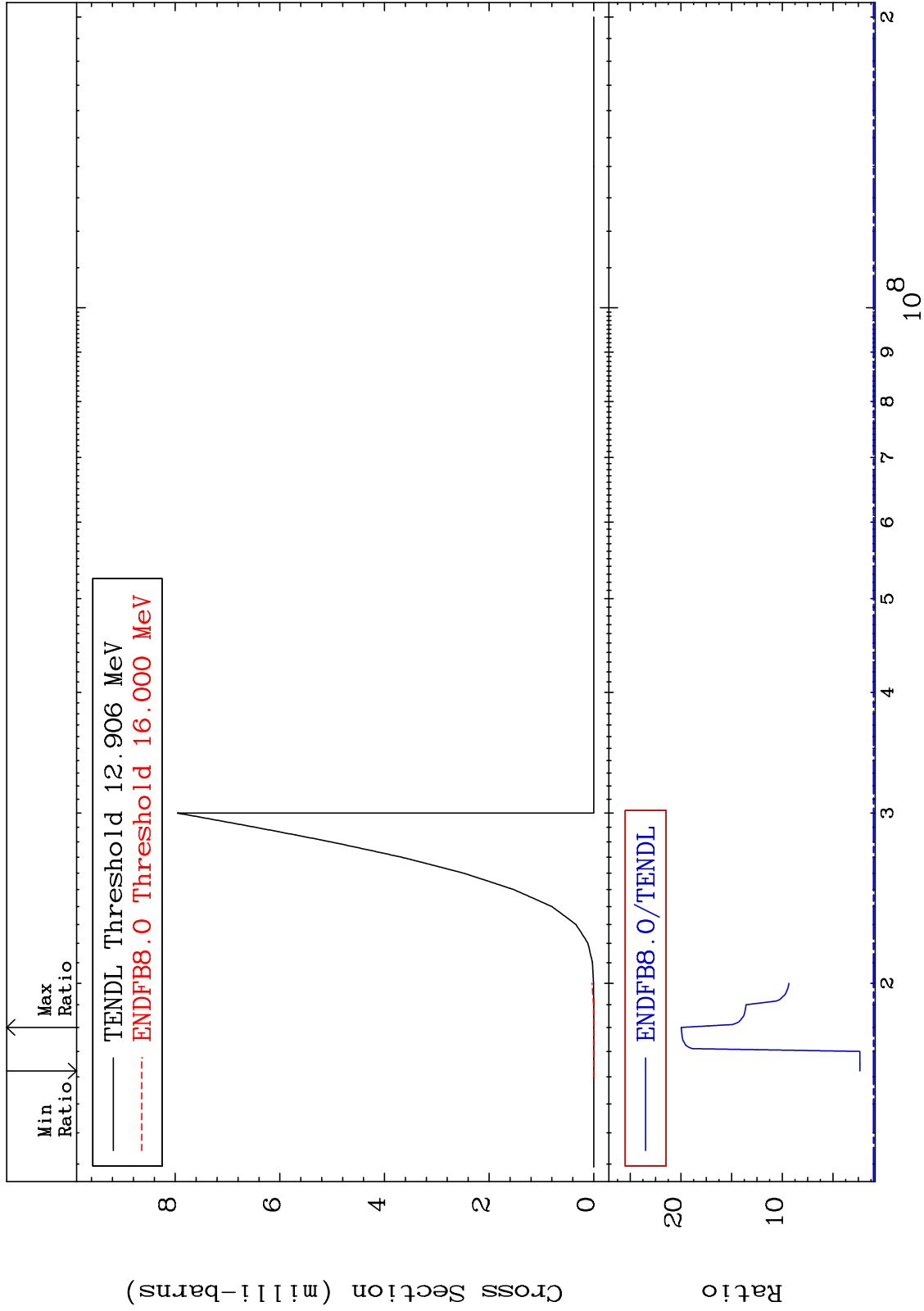
MAT 7025

(n,n') d

70-Yb-168

Cross Section

135.4 To 1898. %



8

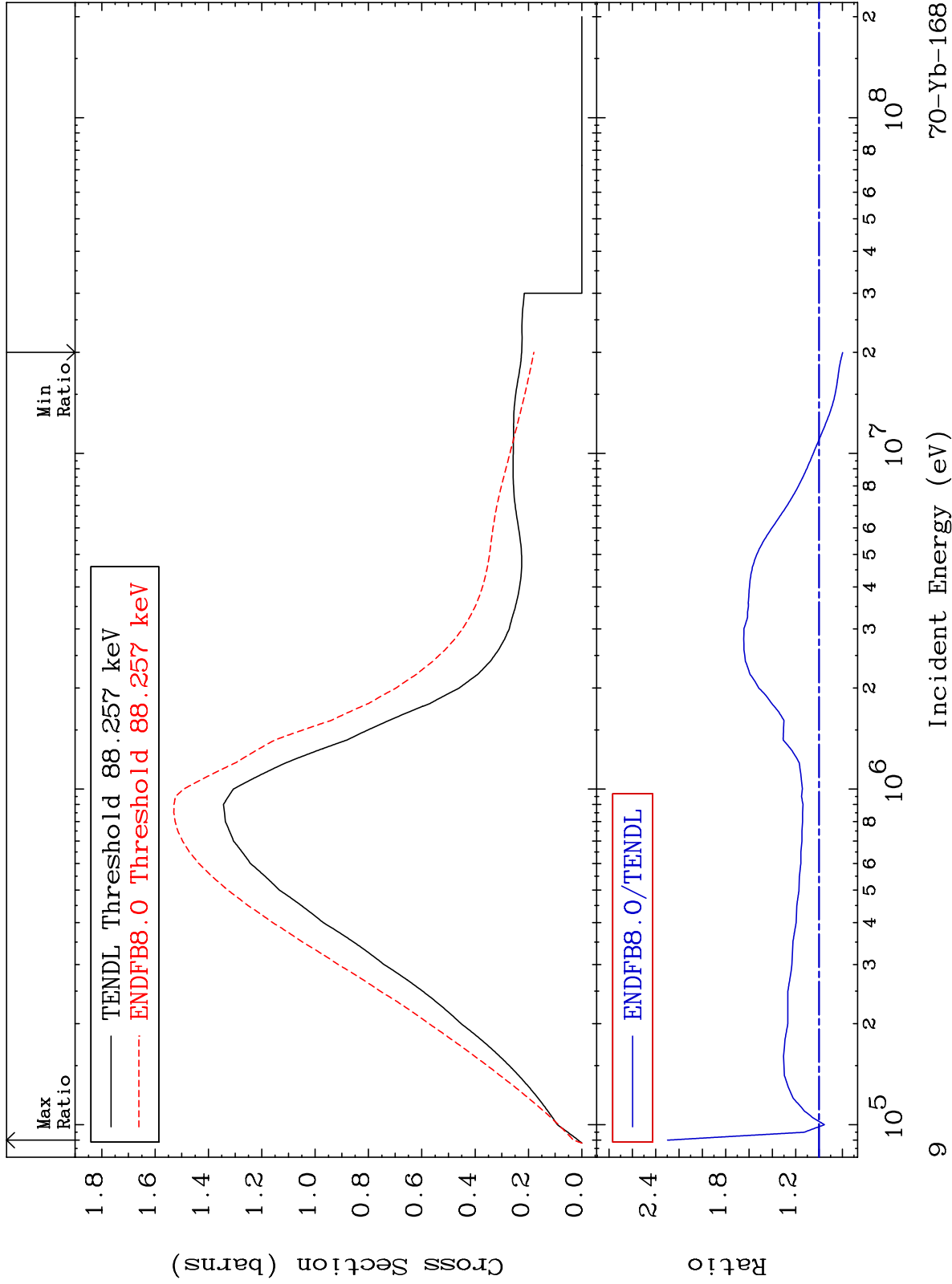
Incident Energy (eV)

70-Yb-168

MAT 7025

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

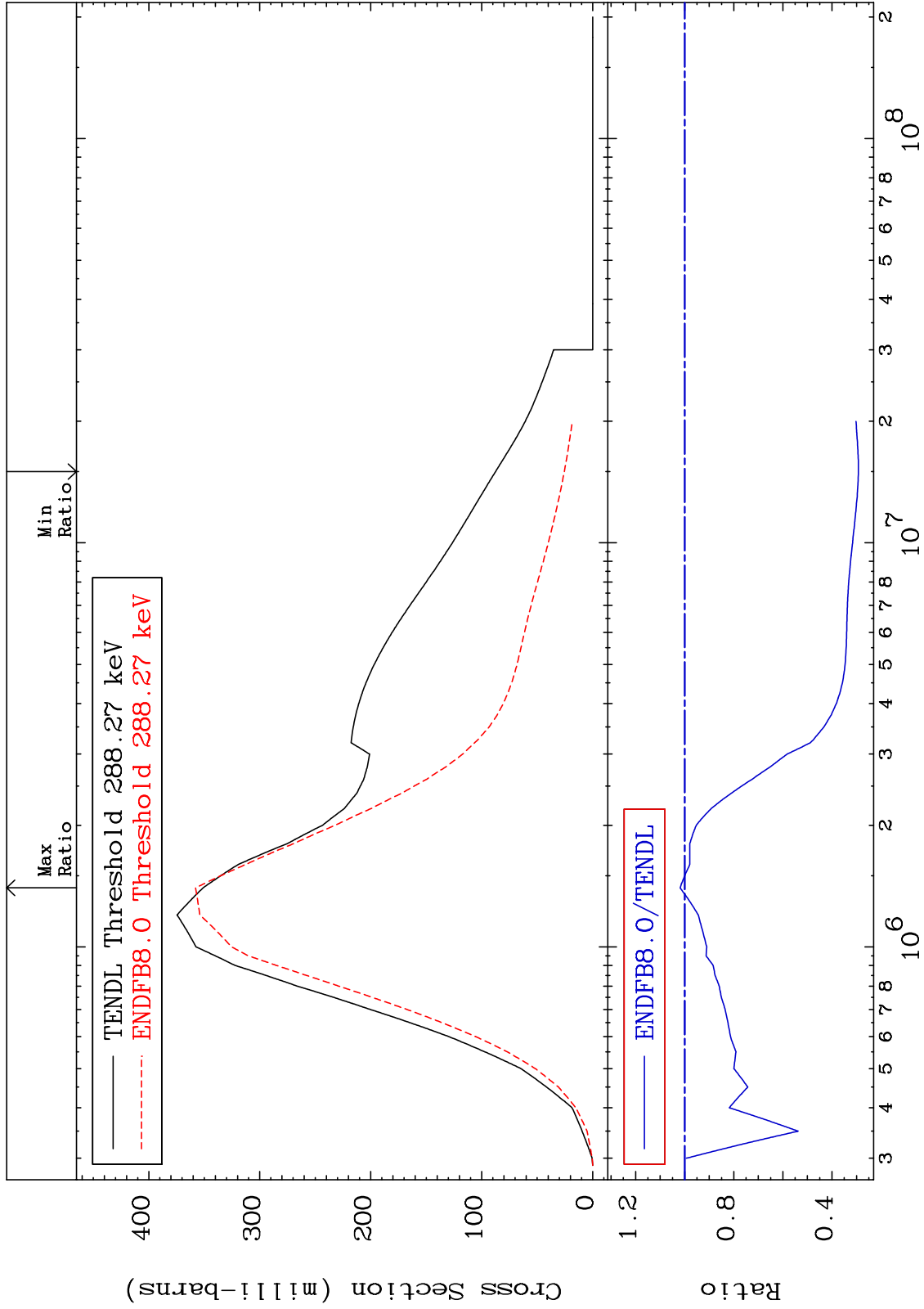
70-Yb-168
-20.27 To 129.8 %



MAT 7025

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

70-Yb-168
-70.77 To 1.912 %



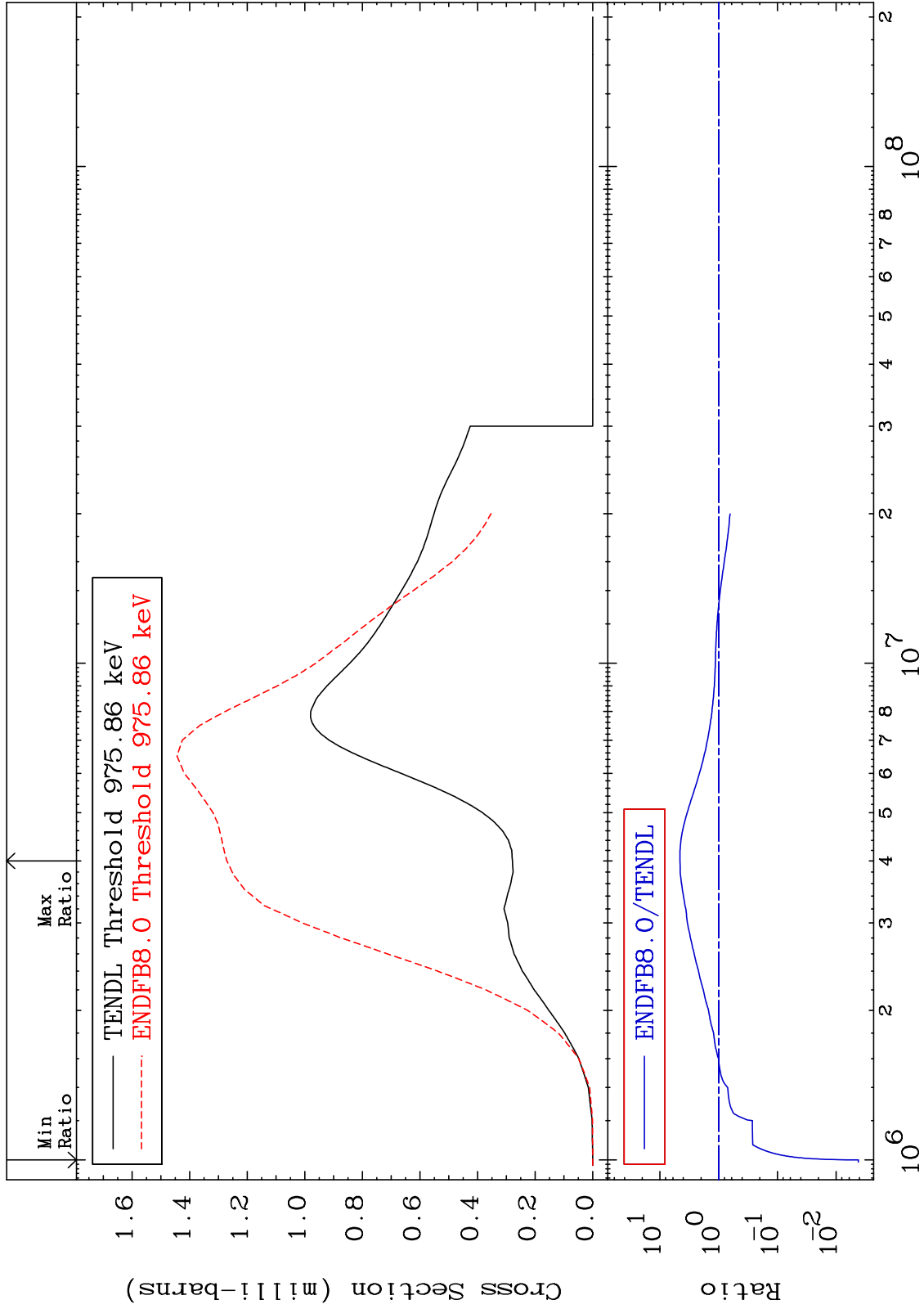
Incident Energy (eV)

70-Yb-168

MAT 7025

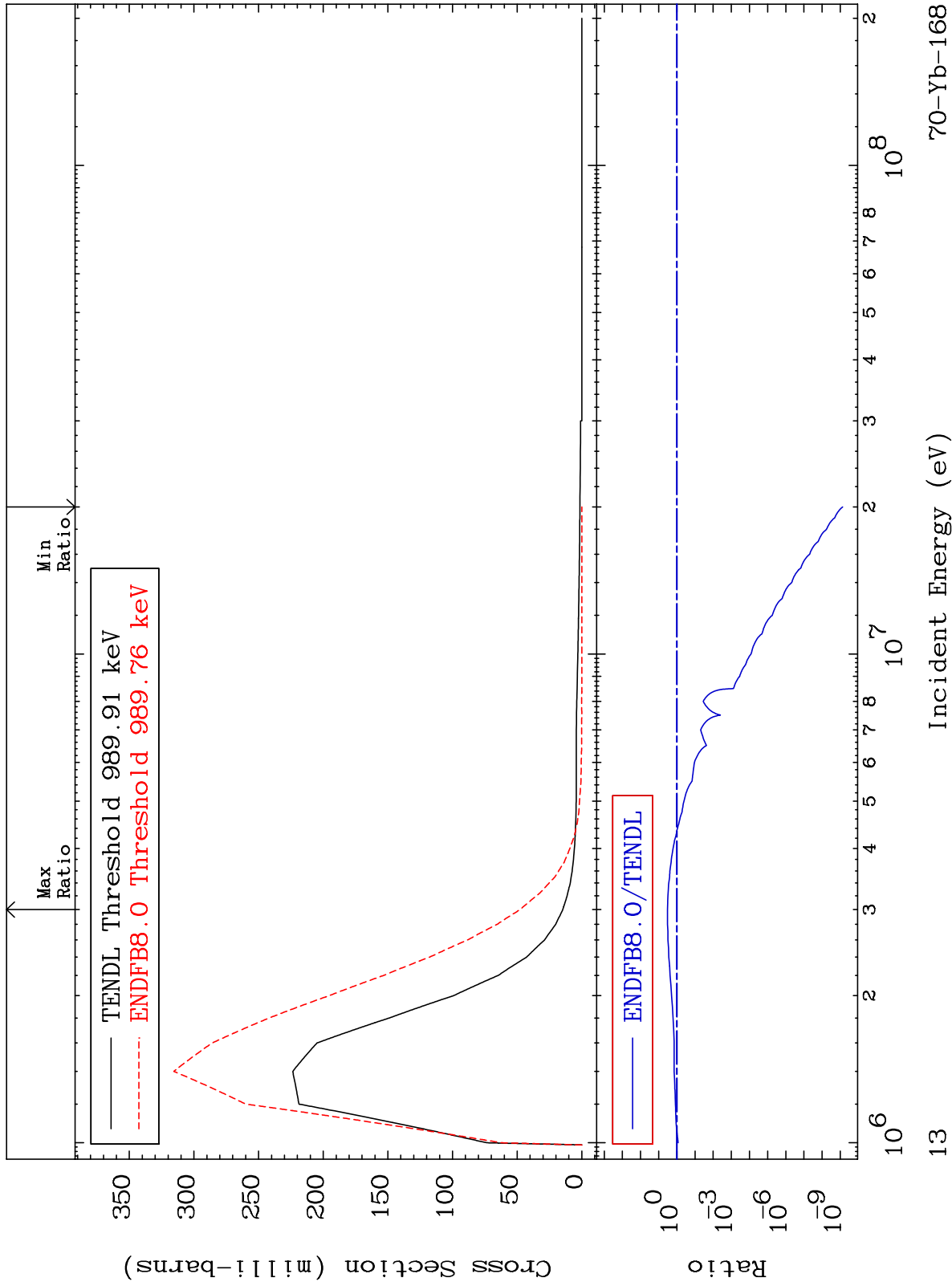
MT= 54 (n,n') Level
Cross Section

70-Yb-168
-99.58 To 355.4 %



12 70-Yb-168

MAT 7025 MT= 55 (n,n') Level Cross Section -100.0 To 225.0 % 70-Yb-168



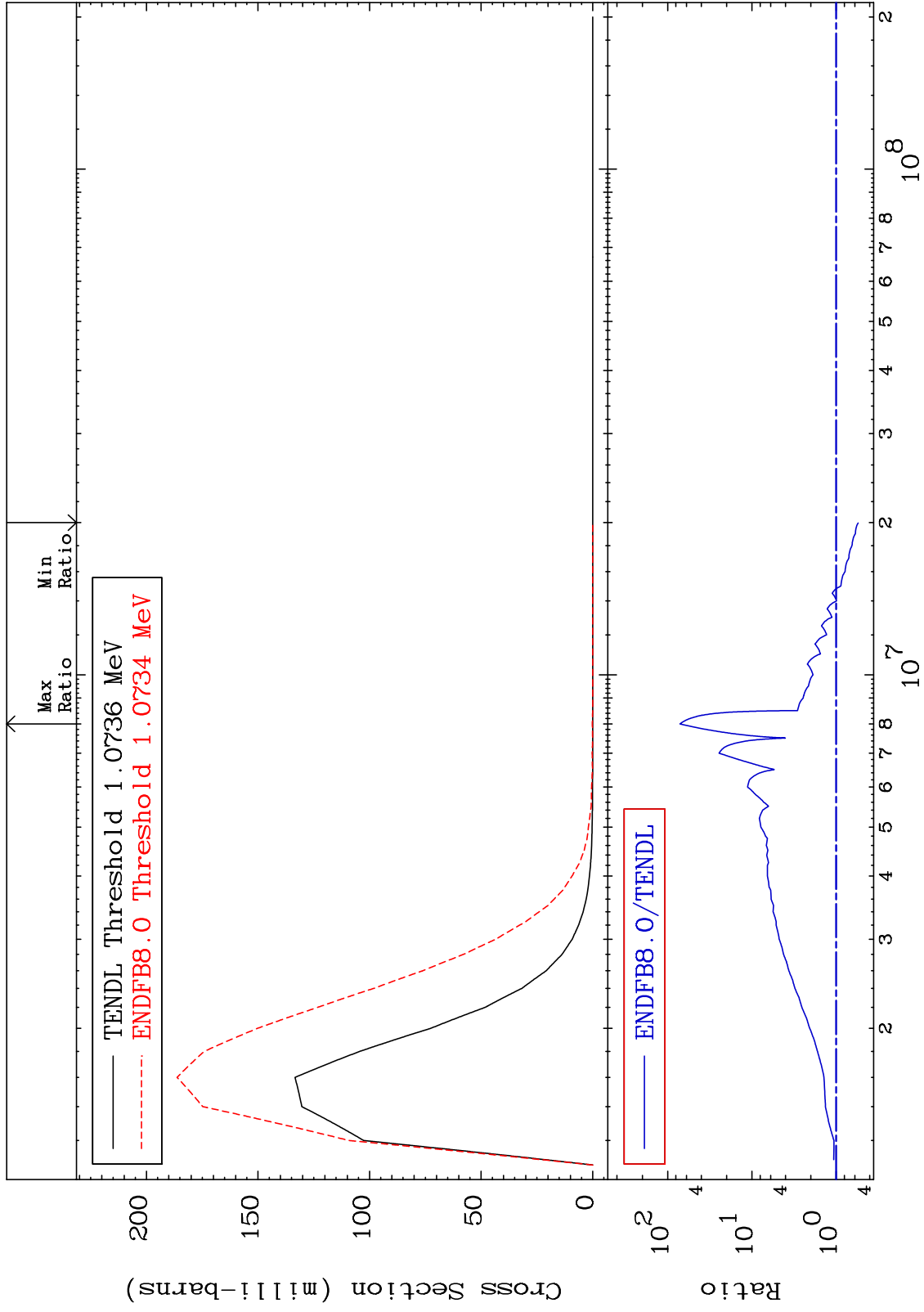
MAT 7025

MT= 56 (n,n') Level

70-Yb-168

-45.47 To 7045. %

Cross Section



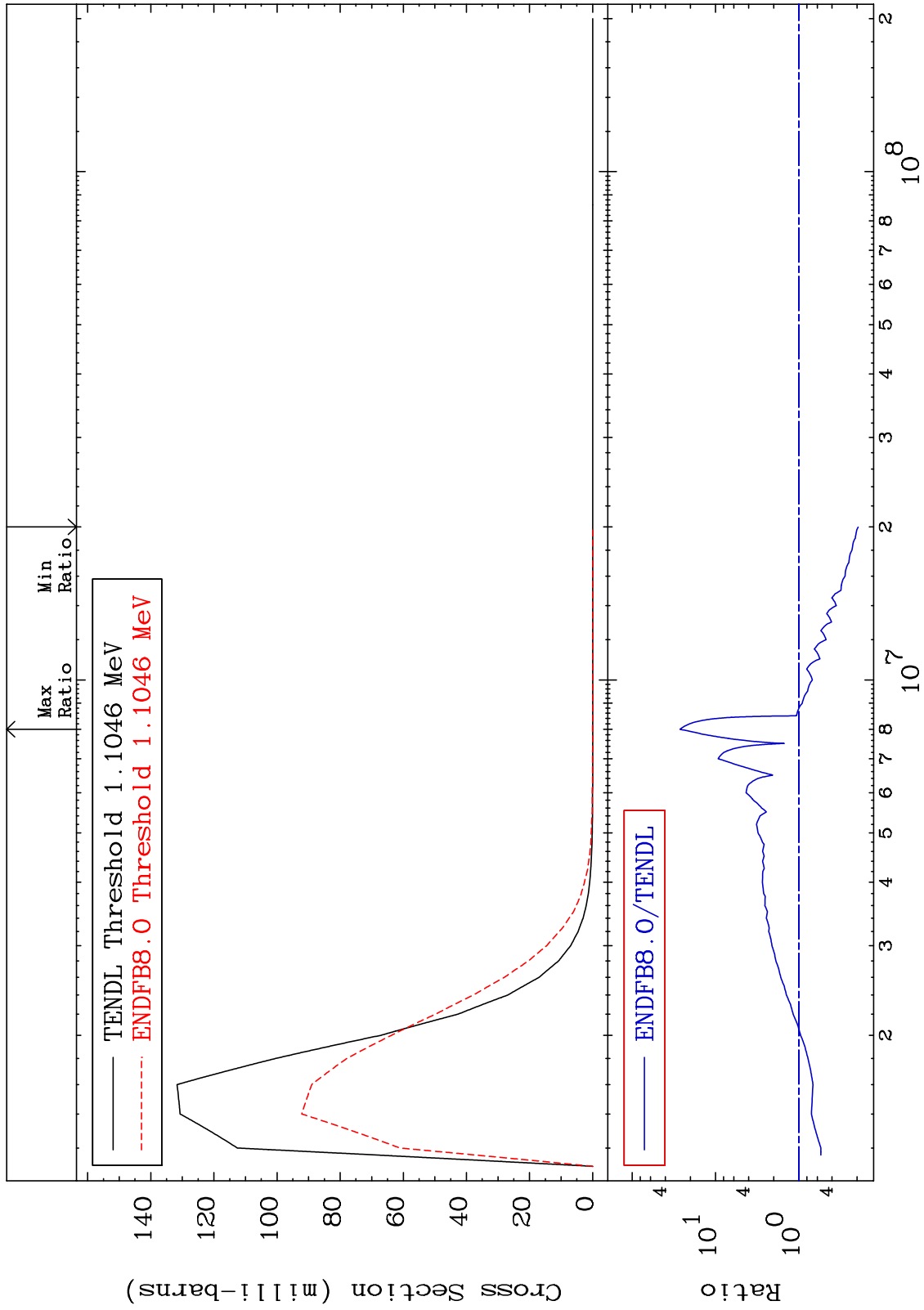
MAT 7025

MT= 57 (n,n') Level

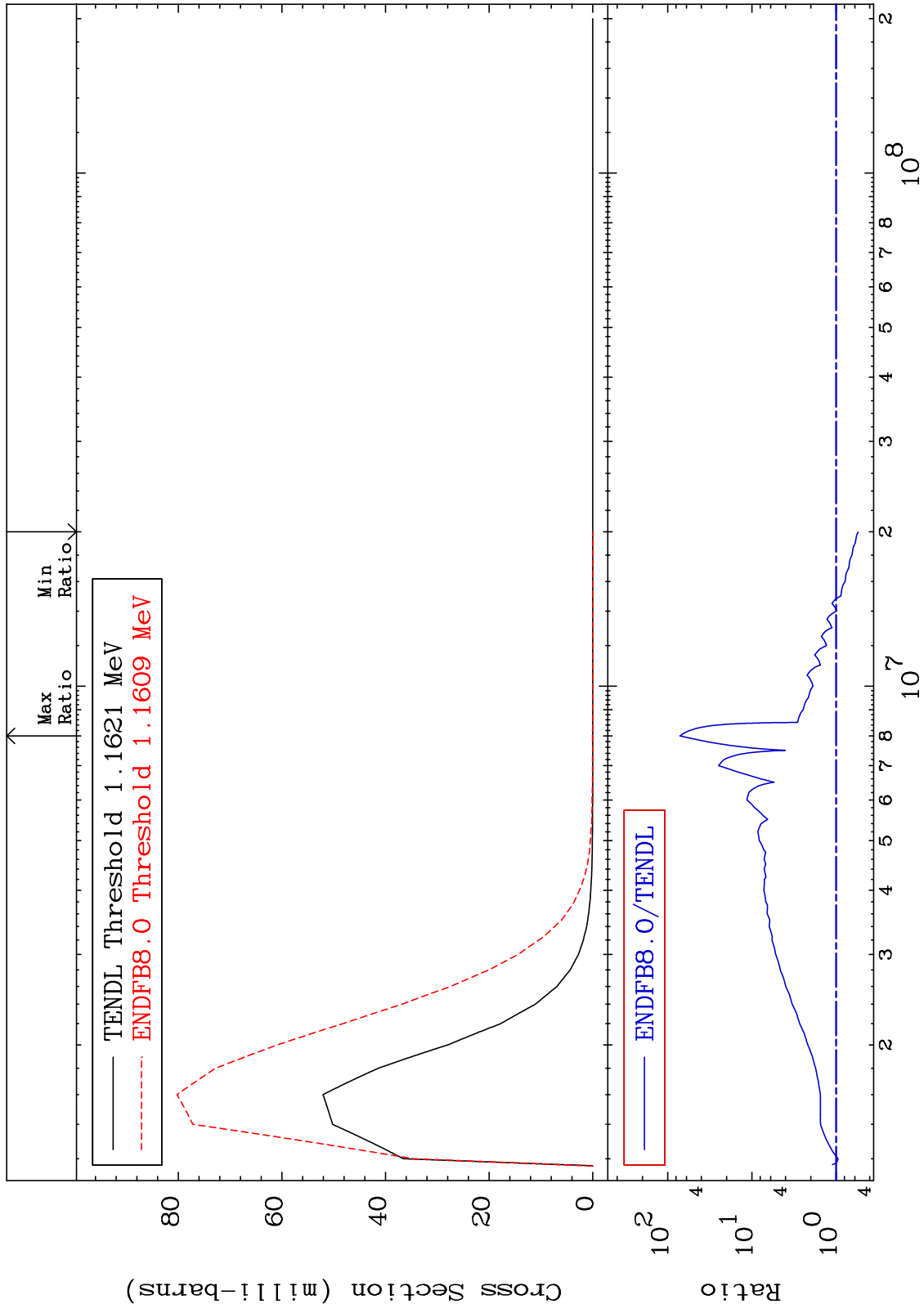
70-Yb-168

-80.74 To 2560. %

Cross Section



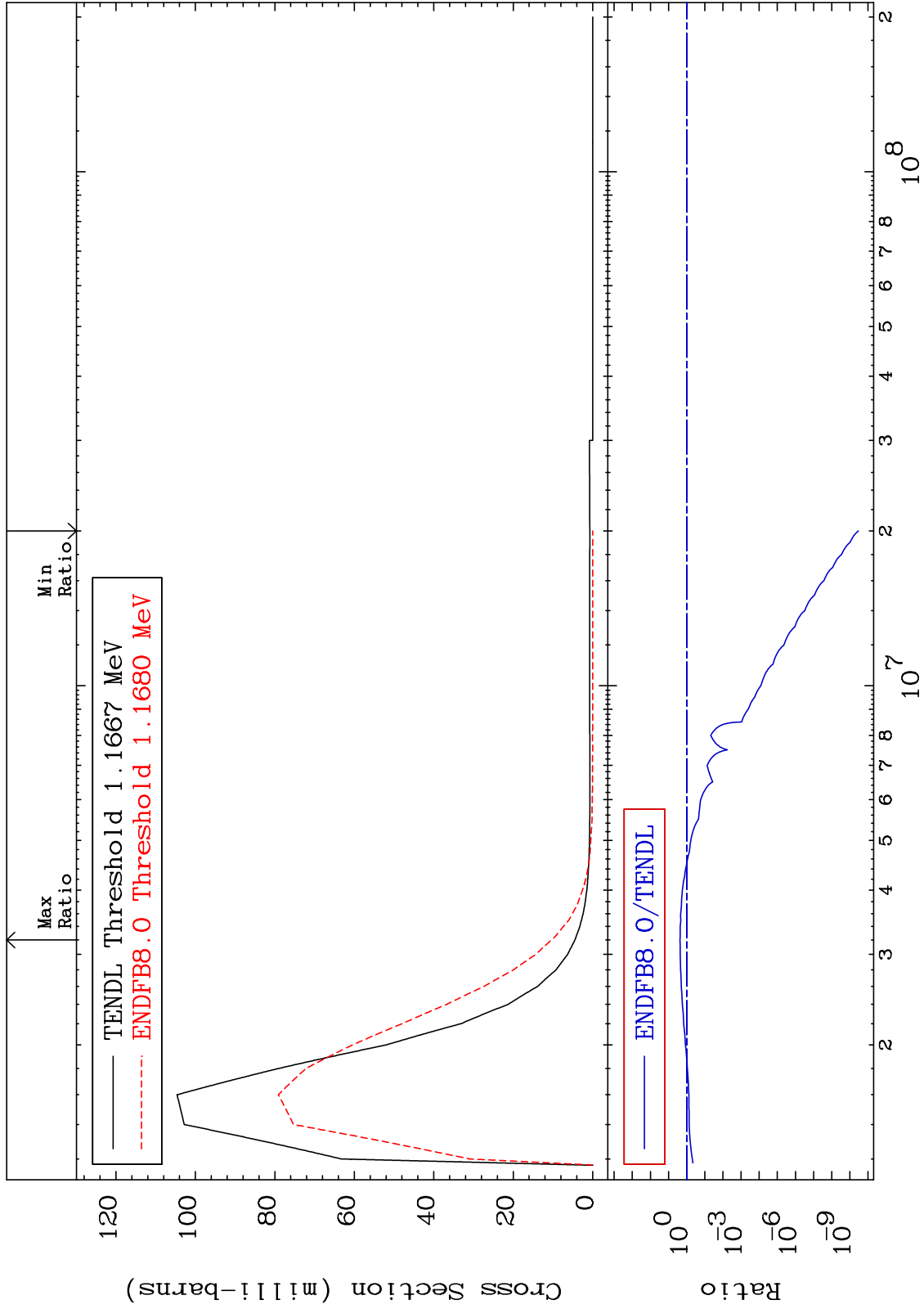
MAT 7025 MT= 58 (n, n') Level Cross Section 70-Yb-168
 -45.50 To 7055. %



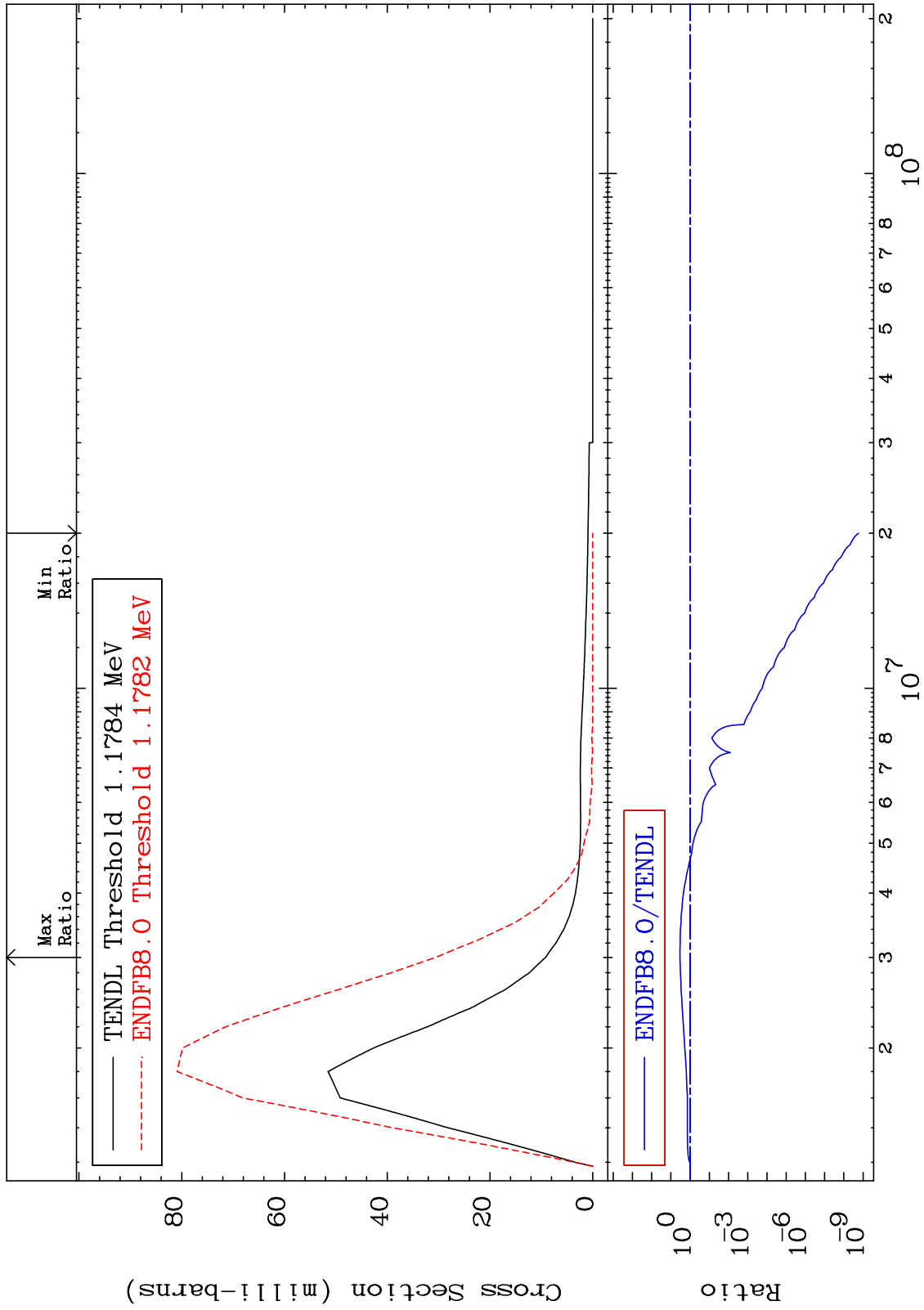
MAT 7025

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

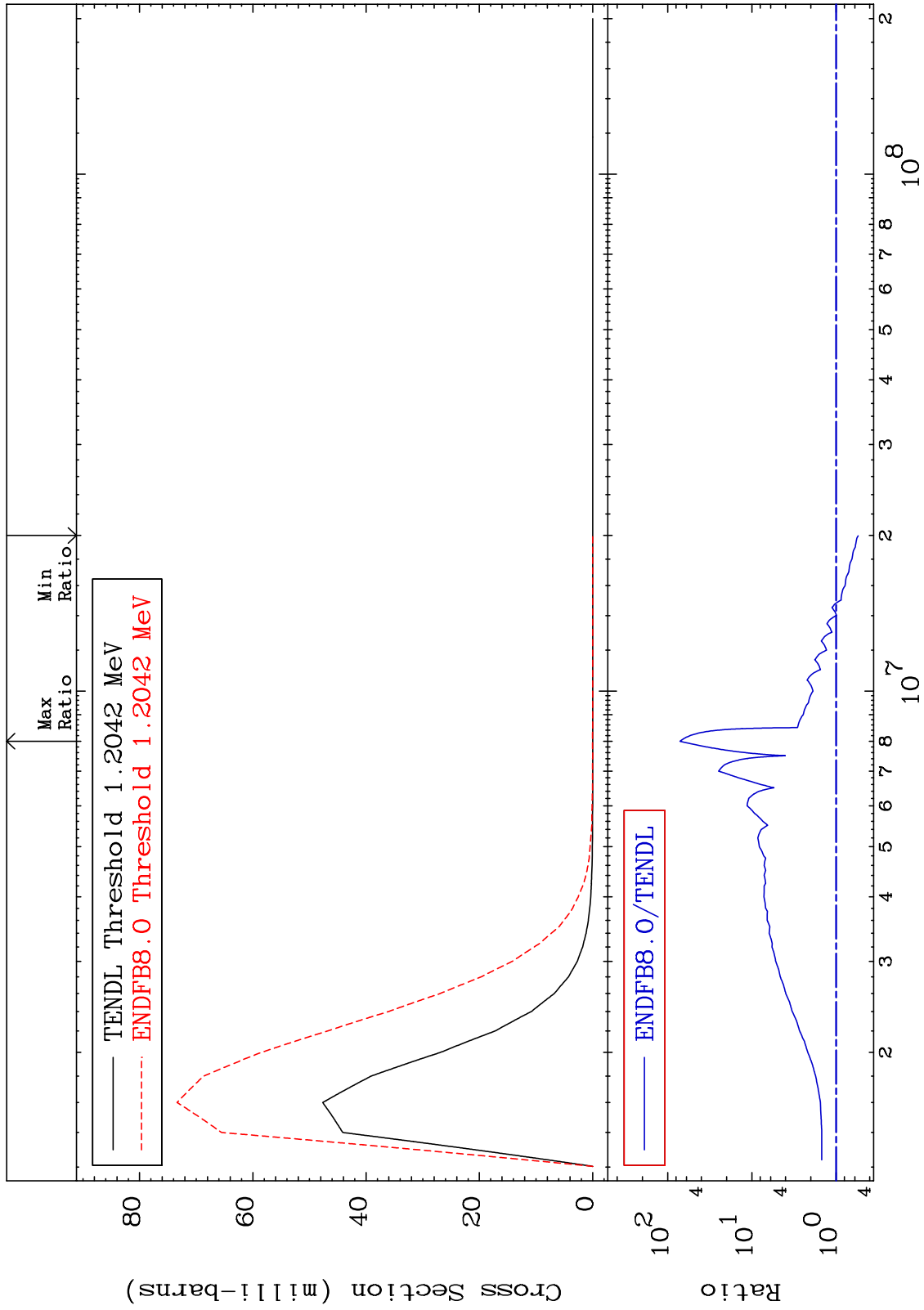
70-Yb-168
-100.0 To 132.8 %



MAT 7025 MT= 60 (n, n') Level
 Cross Section 70-Yb-168
 -100.0 To 233.3 %



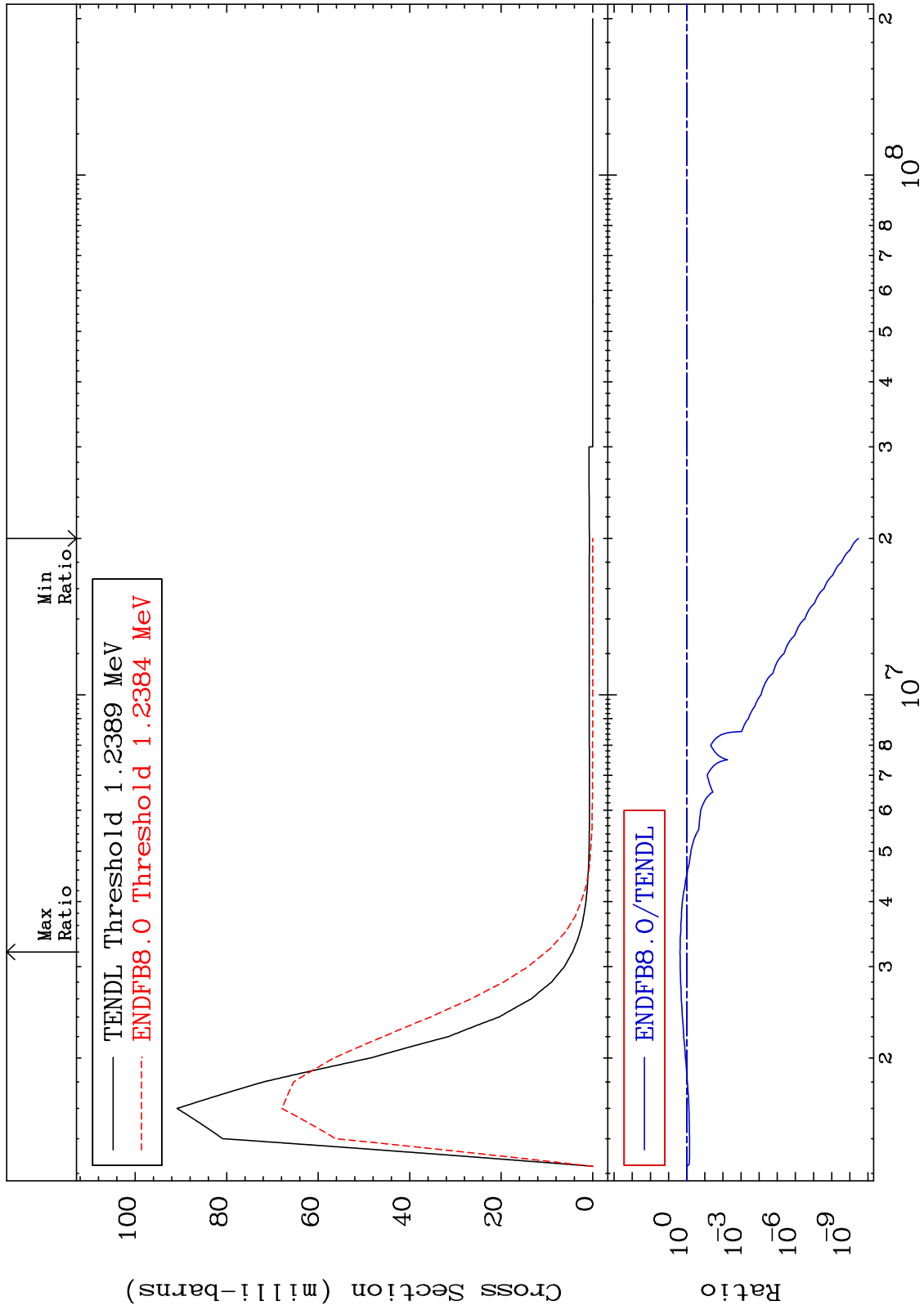
MAT 7025 MT= 61 (n,n') Level Cross Section 70-Yb-168
 -45.49 To 7056. %

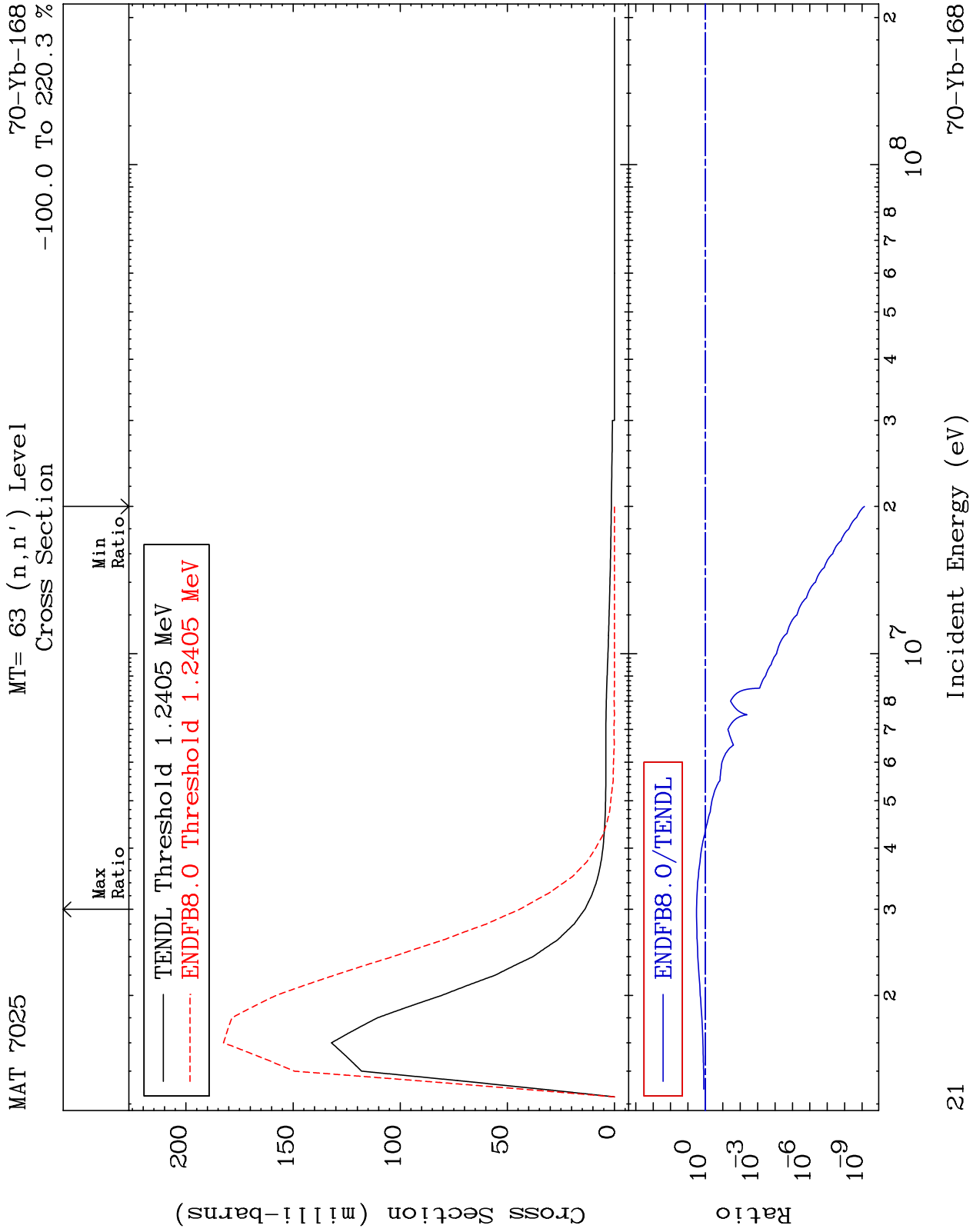


MAT 7025

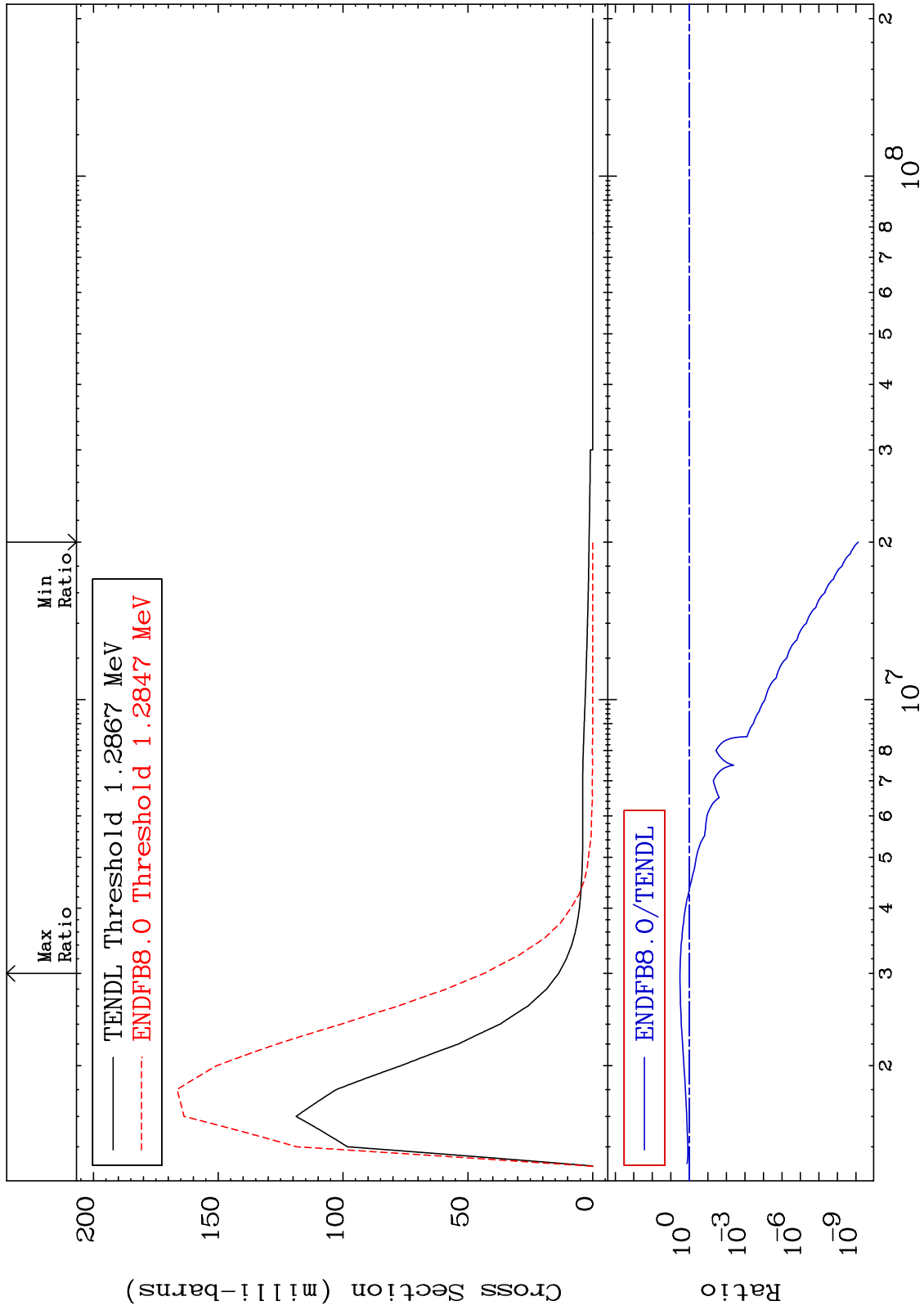
MT= 62 (n, n') Level
Cross Section

70-Yb-168
-100.0 To 132.4 %





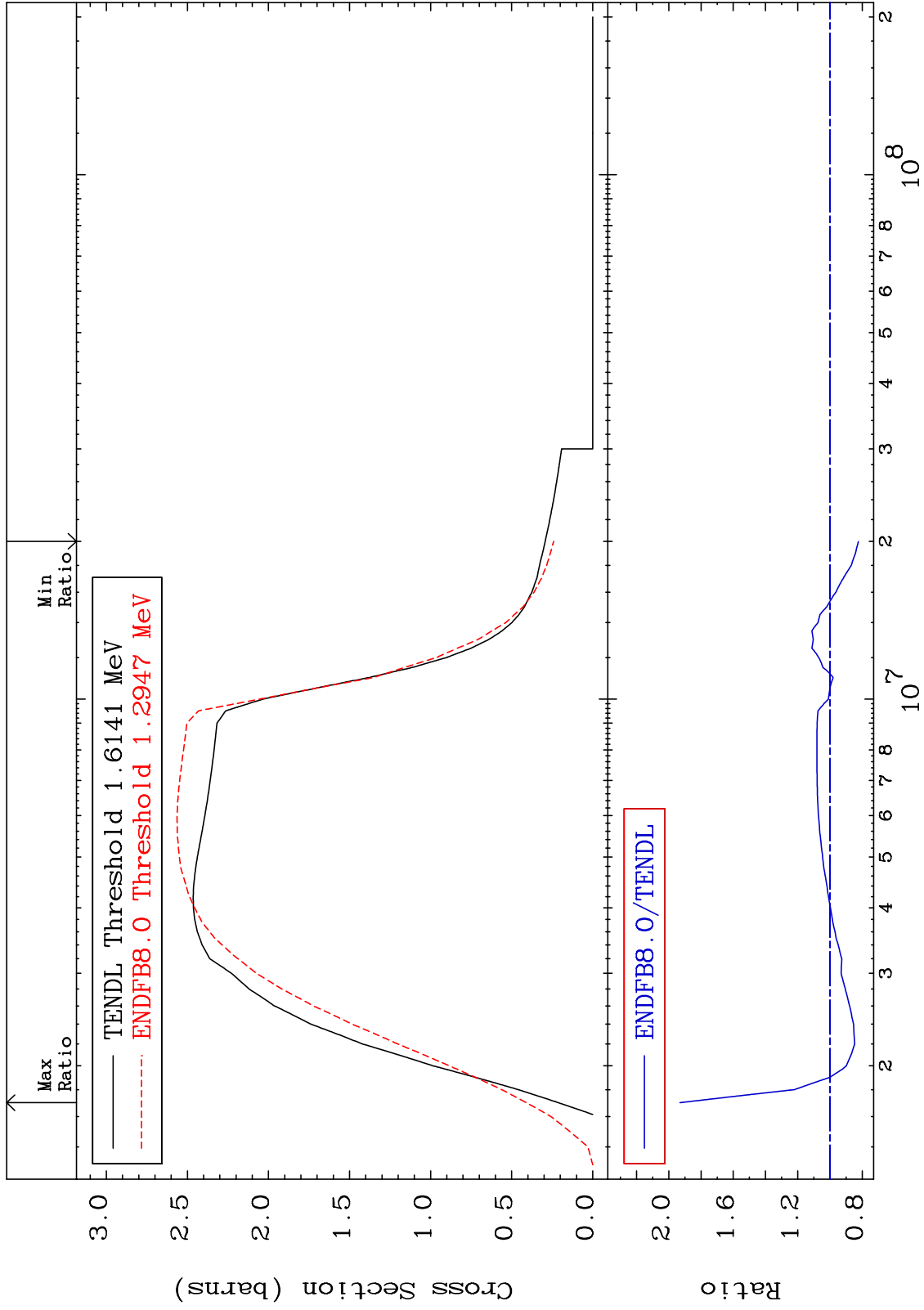
MAT 7025 MT= 64 (n, n') Level Cross Section 70-Yb-168 -100.0 To 219.5 %



MAT 7025

(n, n') Continuum
Cross Section

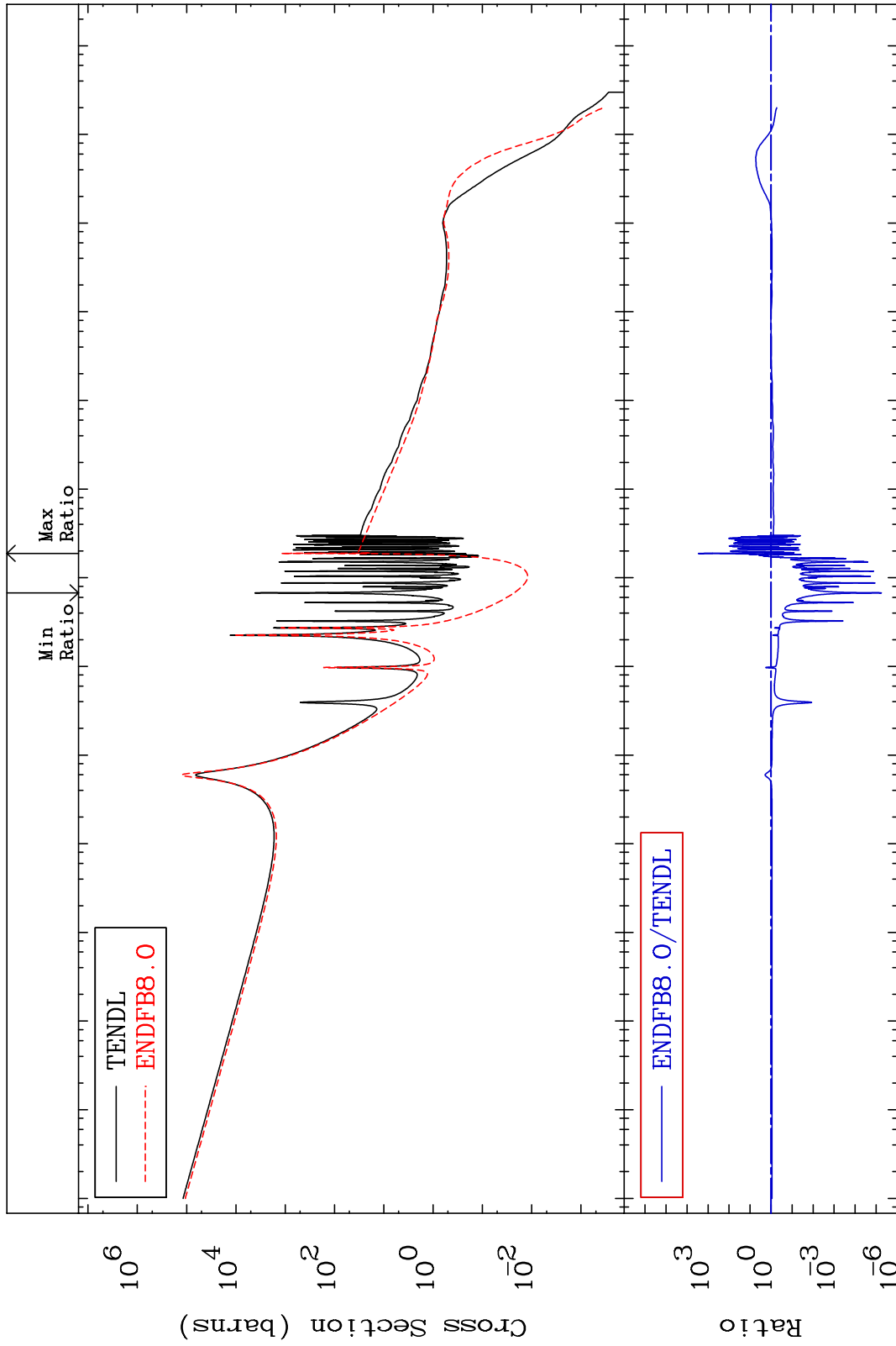
⁷⁰-Yb-168
-17.65 To 93.04 %



MAT 7025

(n, γ)
Cross Section

70-Yb-168
-100.0 To 9999. %



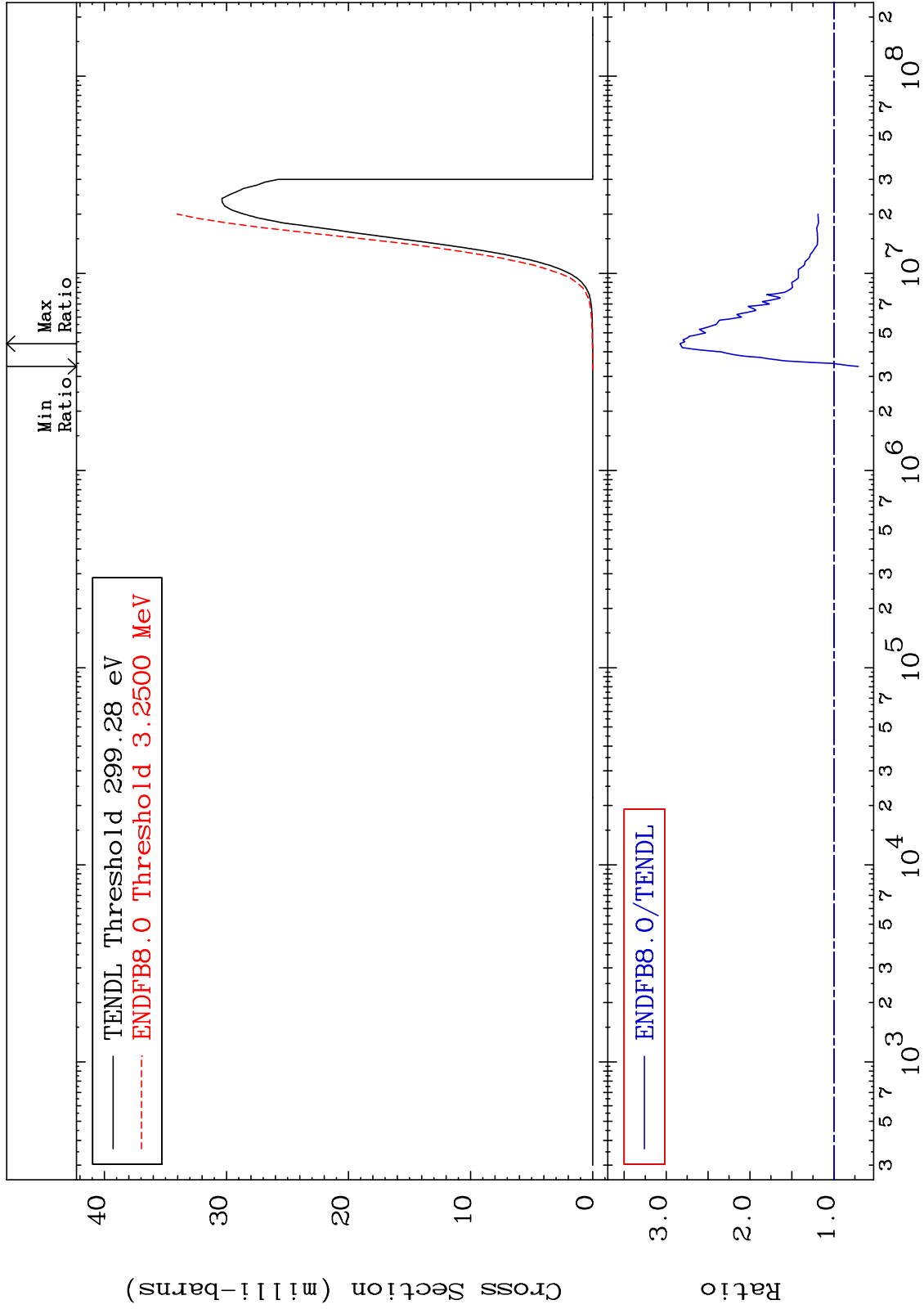
MAT 7025

(n, p)

70-Yb-168

Cross Section

-29.24 To 183.4 %



25

Incident Energy (eV)

70-Yb-168

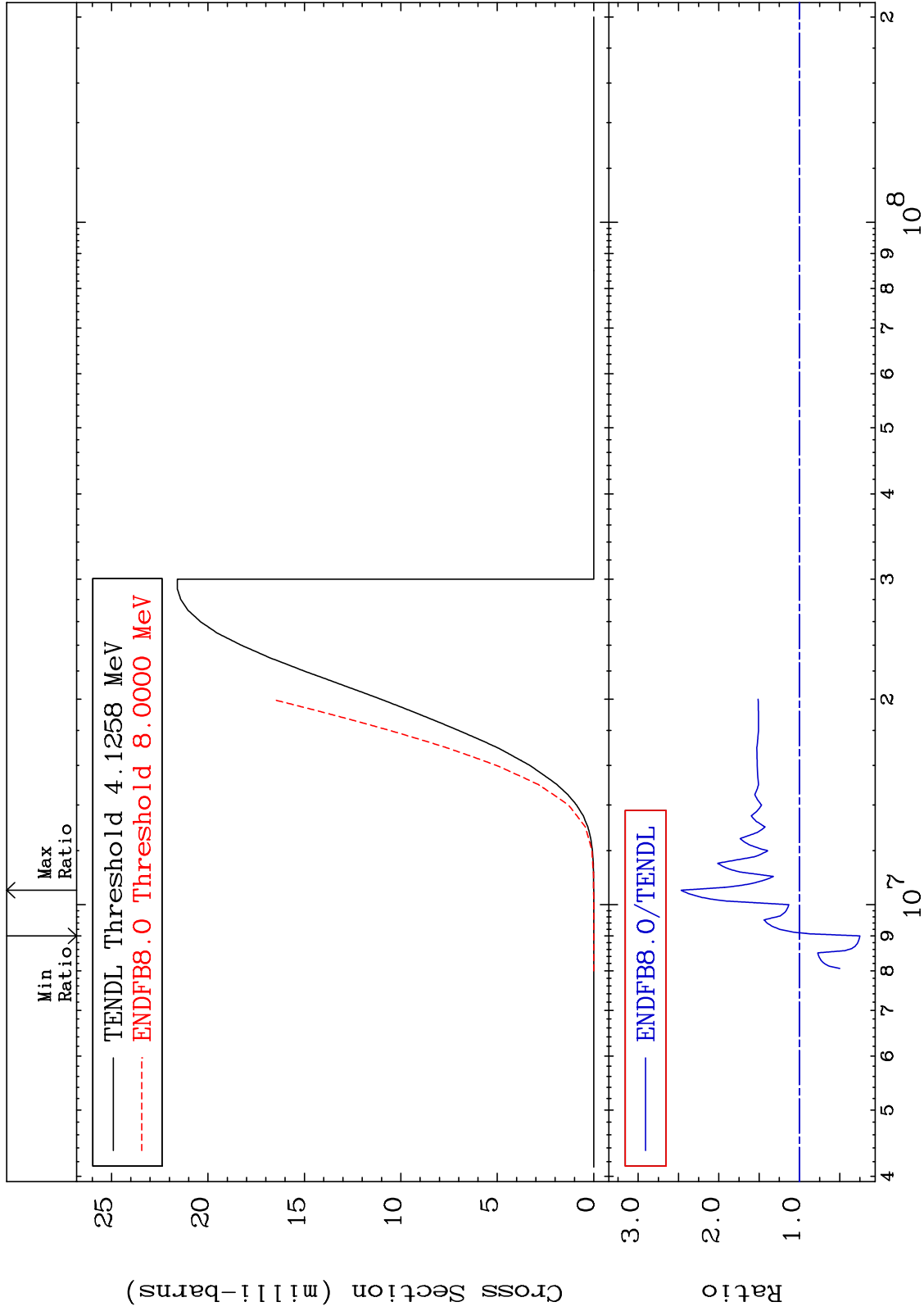
MAT 7025

(n, d)

70-Yb-168

Cross Section

-74.99 To 146.6 %



MAT 7025

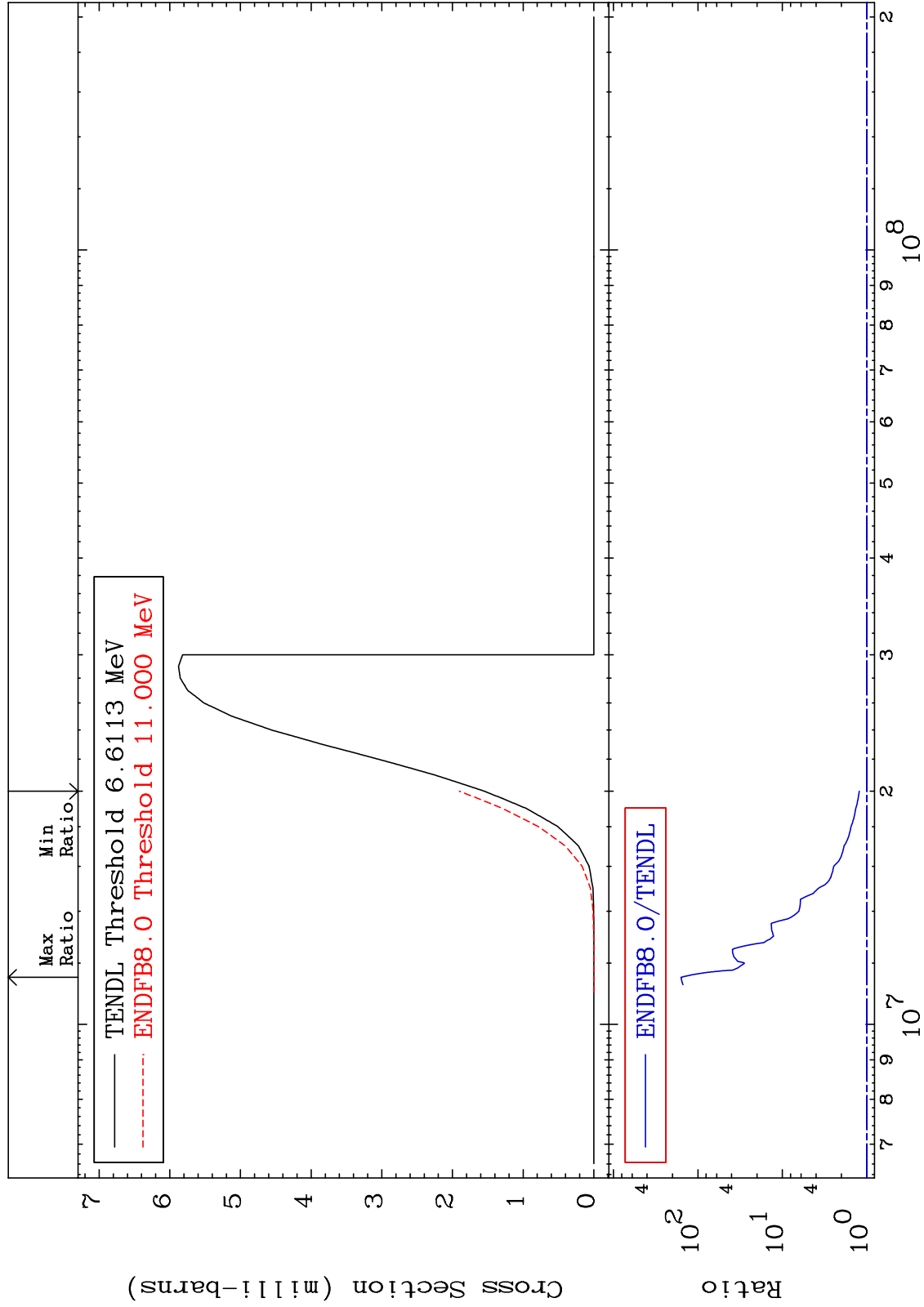
(n, t)

70-Yb-168

Cross Section

22.87

To 9999. %



27

Incident Energy (eV)

70-Yb-168

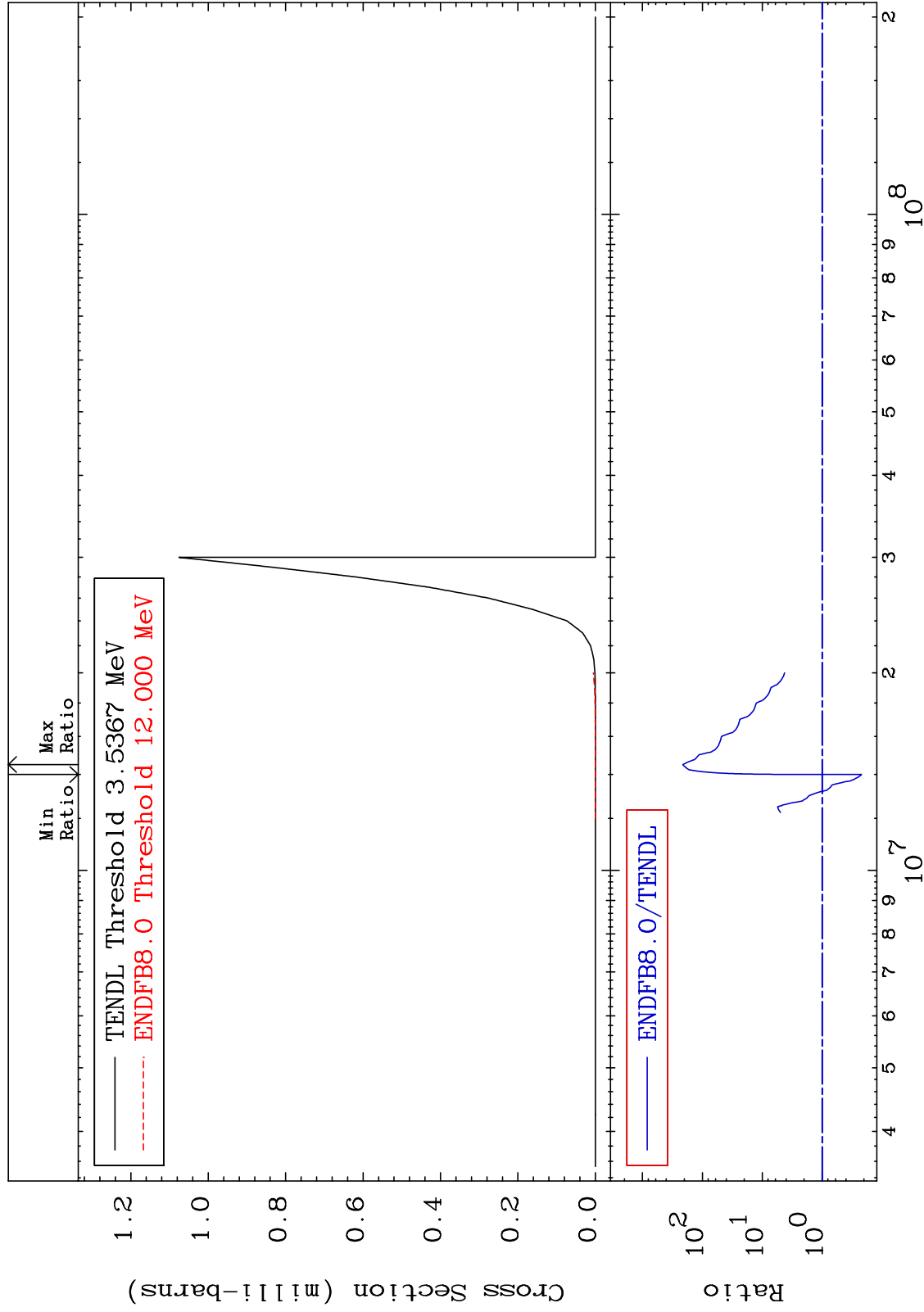
MAT 7025

(n, He-3)

70-Yb-168

Cross Section

-78.05 To 9999. %

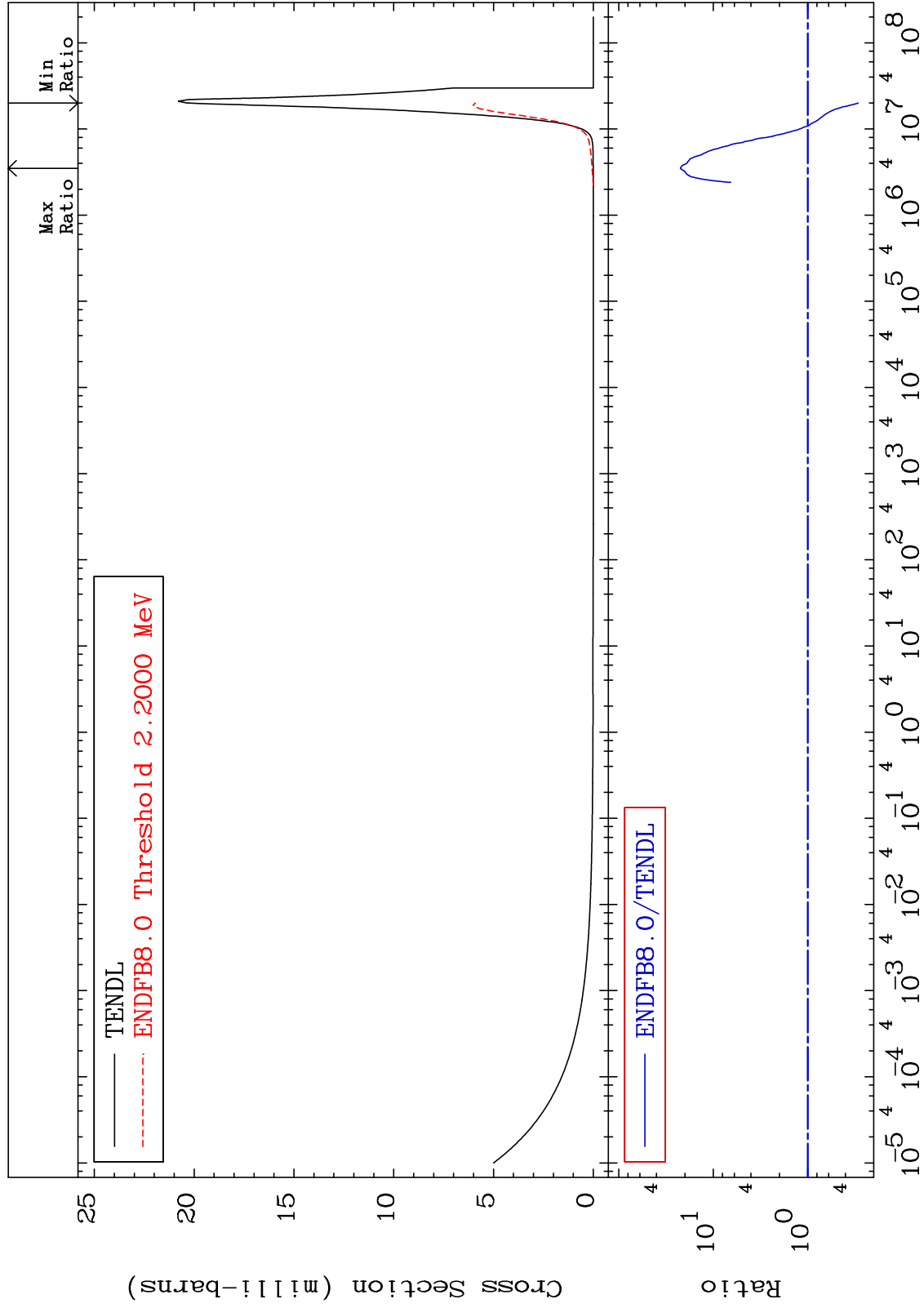


MAT 7025

(n, α)

Cross Section

70-Yb-168
-70.96 To 2128. %



29

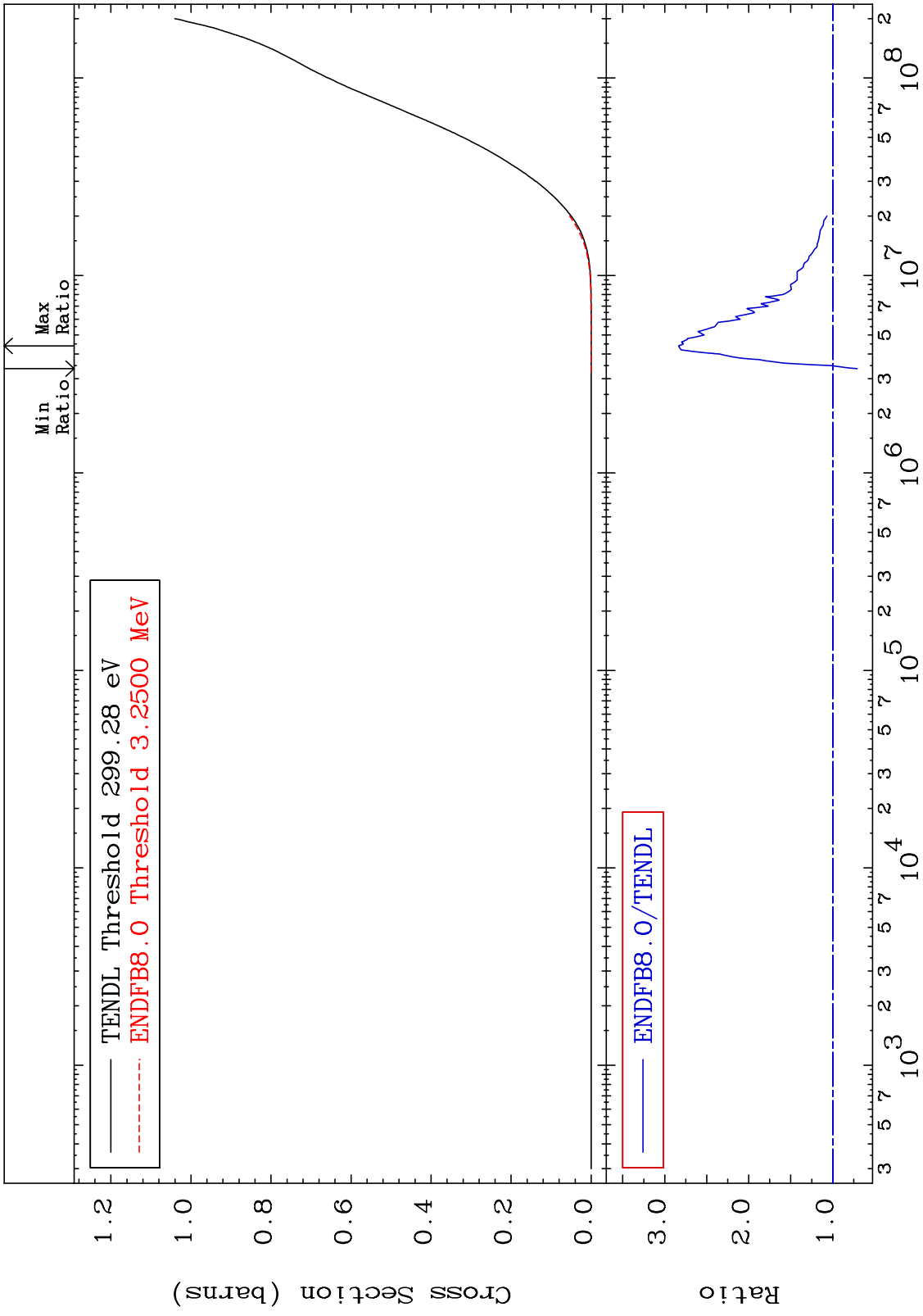
Incident Energy (eV)

70-Yb-168

MAT 7025

Hydrogen Production
Cross Section

70-Yb-168
-29.24 To 183.4 %



30

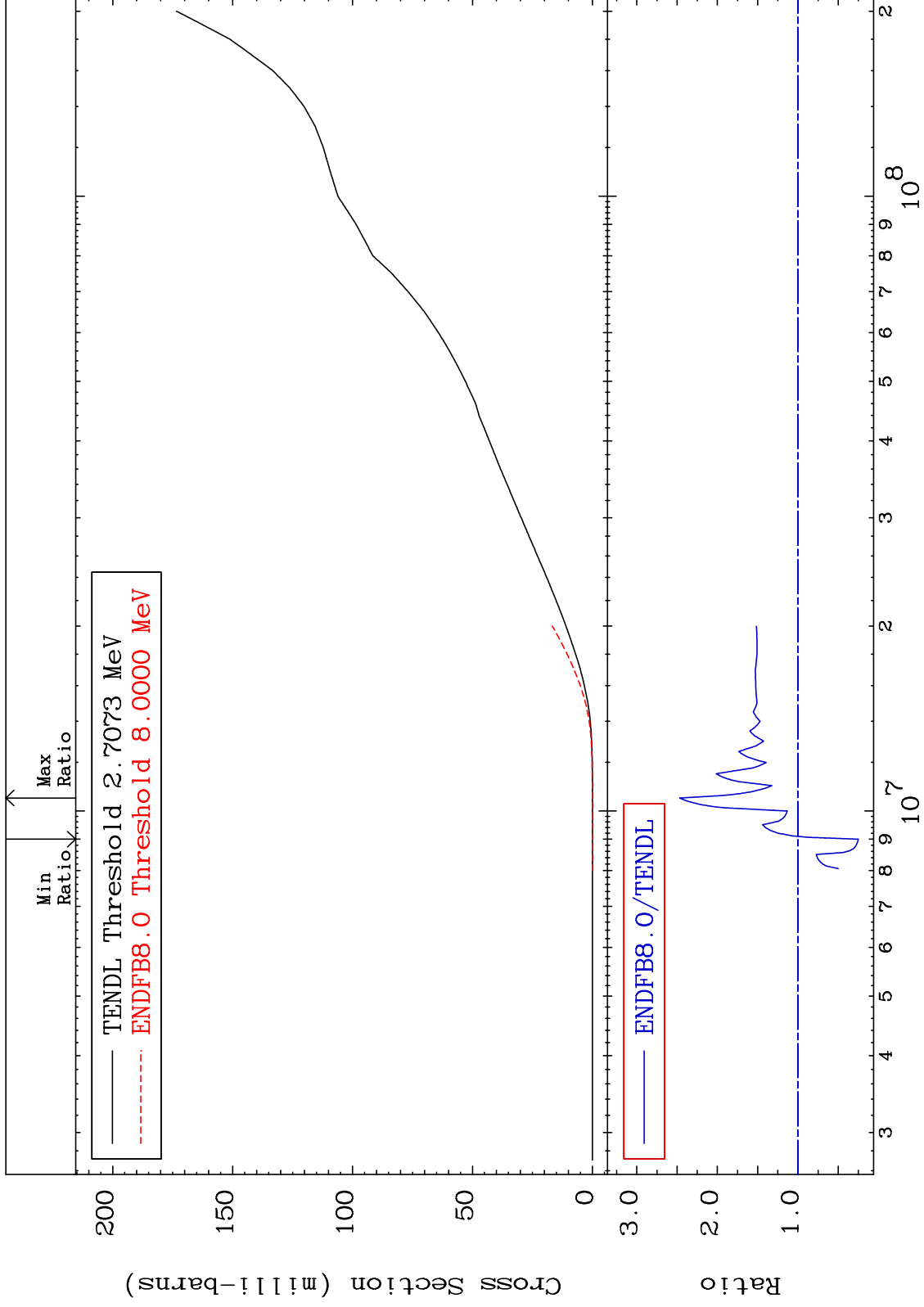
Incident Energy (eV)

70-Yb-168

MAT 7025

Deuterium Production
Cross Section

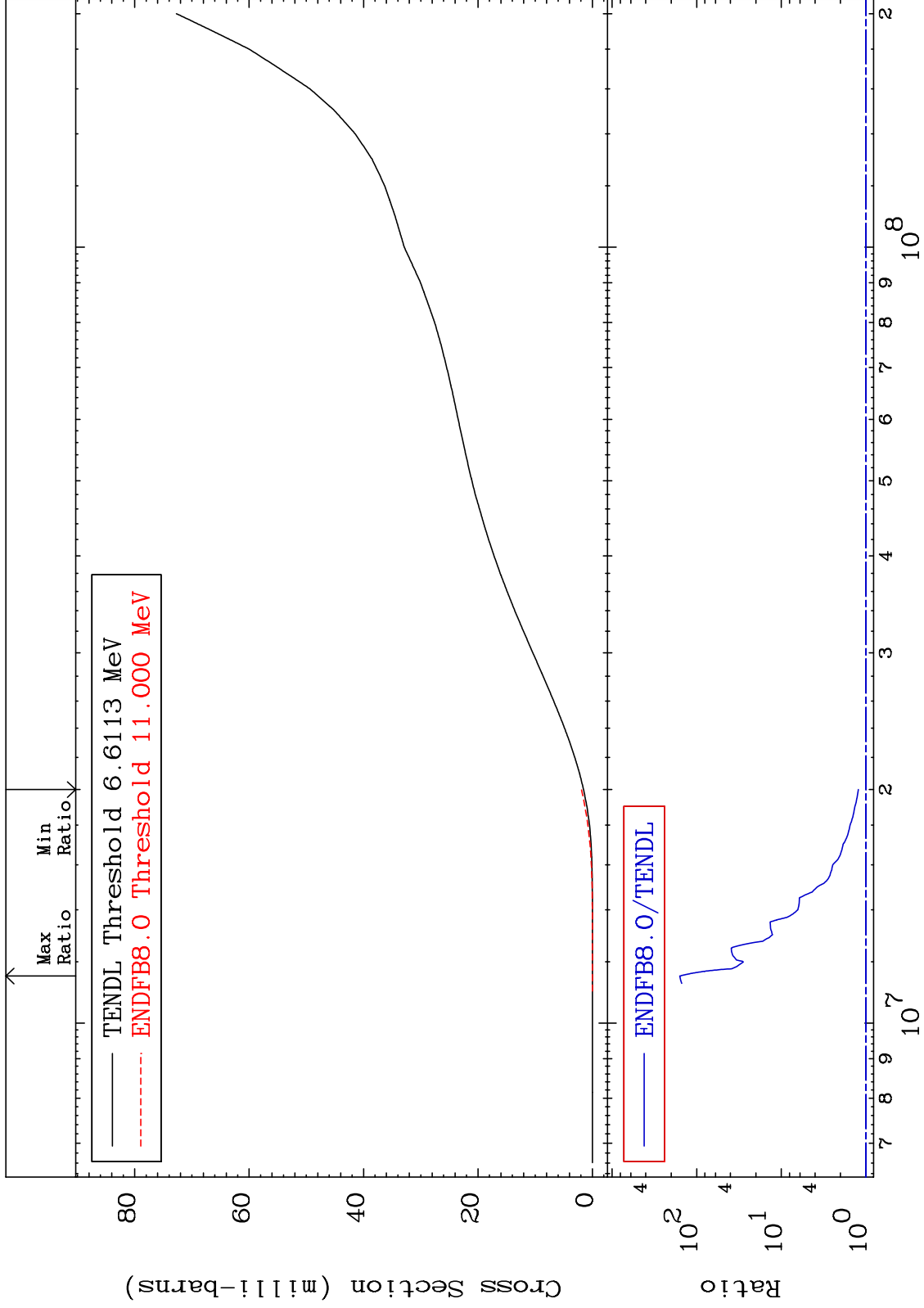
70-Yb-168
-74.99 To 146.6 %



MAT 7025

Tritium Production
Cross Section

70-Yb-168
22.86 To 9999. %



32

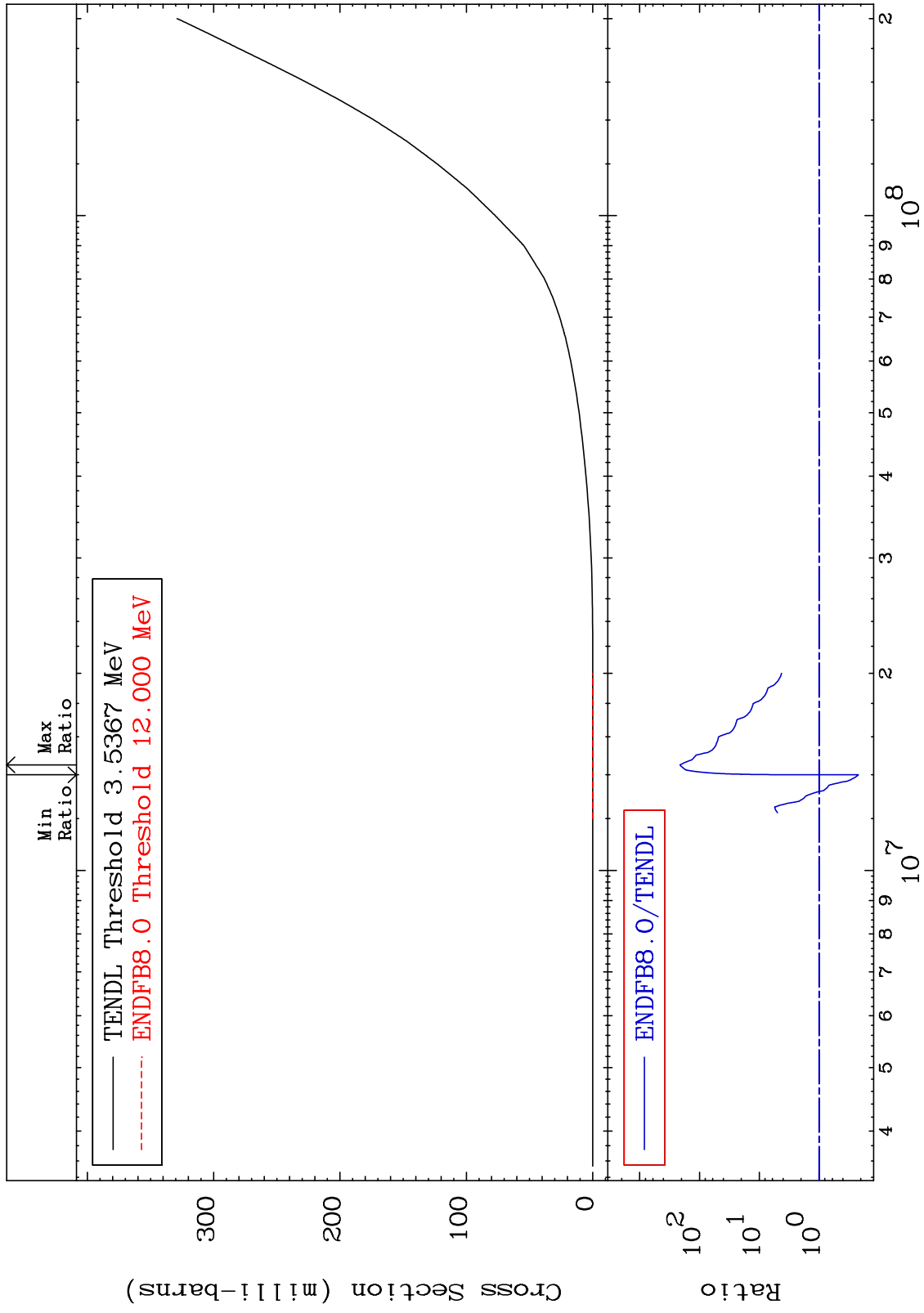
Incident Energy (eV)

70-Yb-168

MAT 7025

He-3 Production
Cross Section

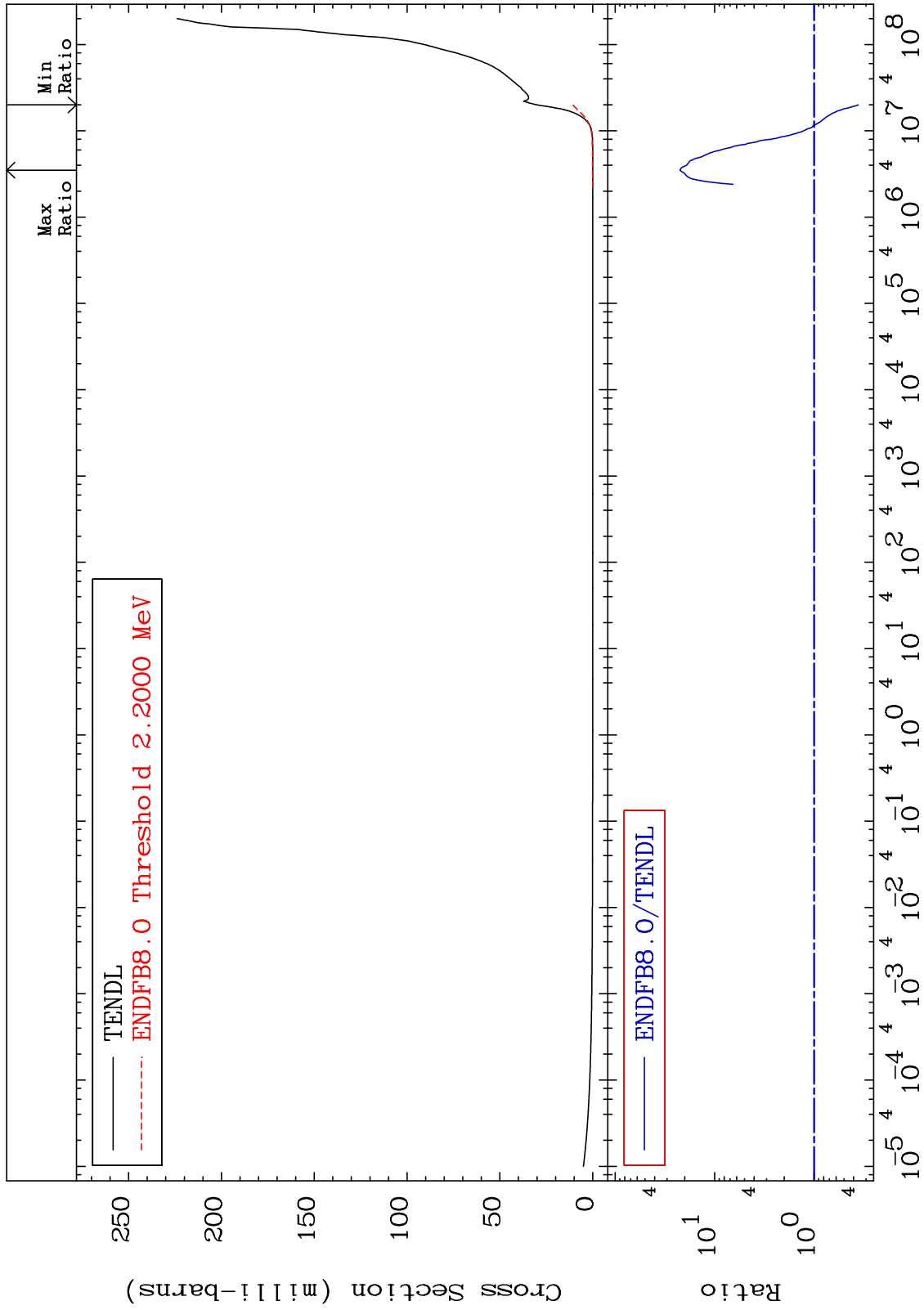
⁷⁰Yb-168
-78.05 To 9999. %



MAT 7025

He-4 Production
Cross Section

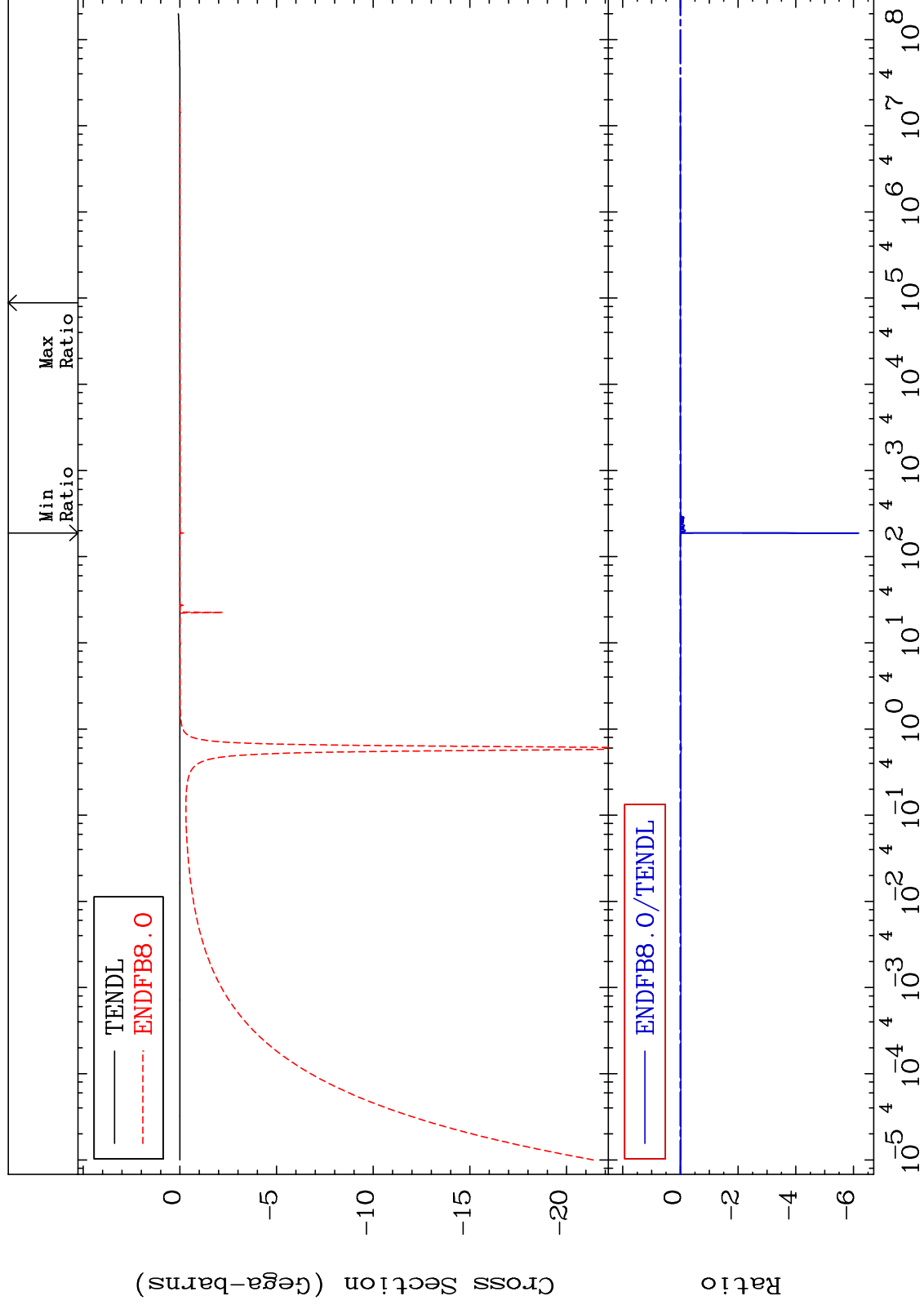
70-Yb-168
-64.21 To 2128. %



MAT 7025

Kerma total (eV-barns)
Cross Section

70-Yb-168
-9999. To 147.9 %



35

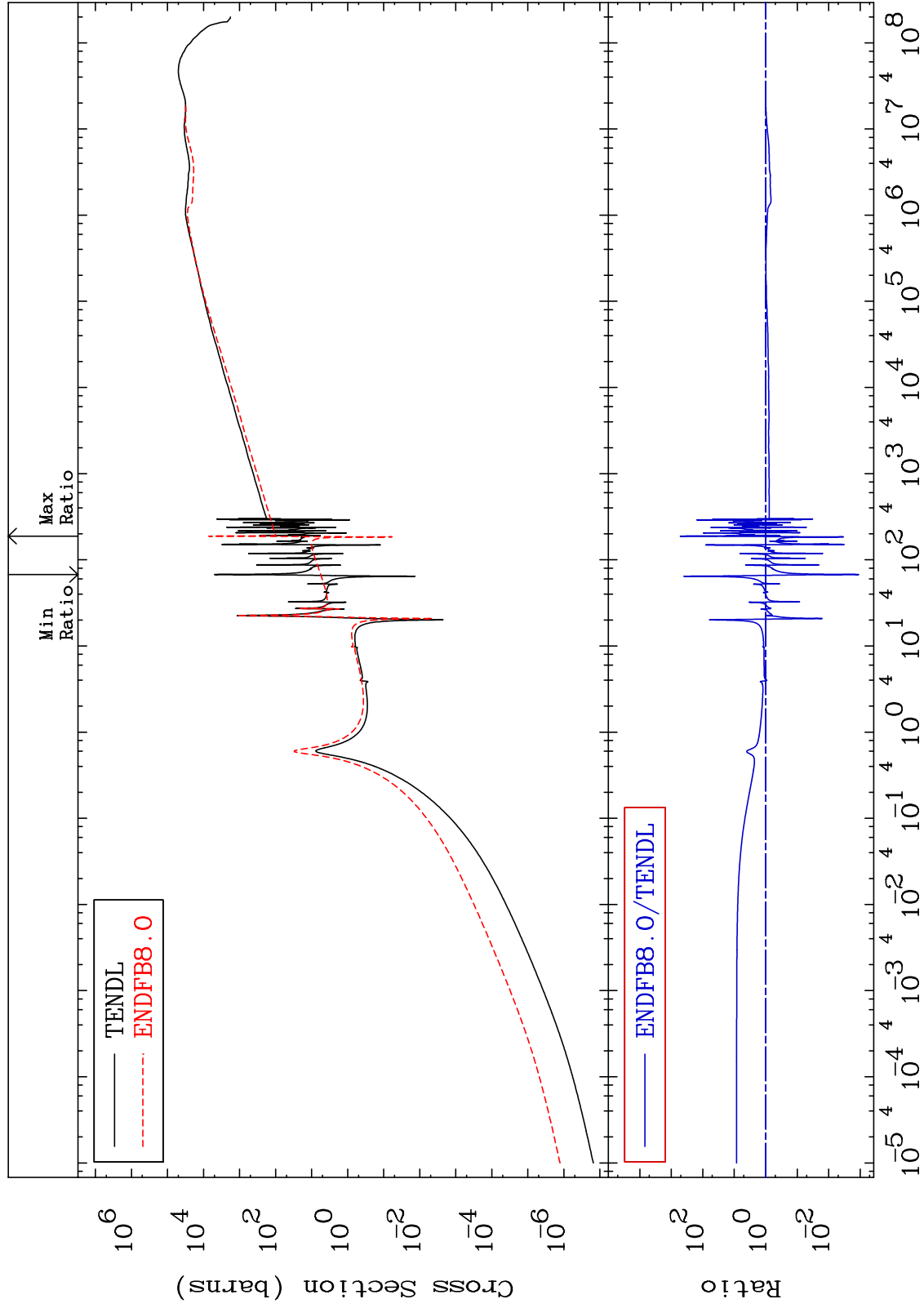
Incident Energy (eV)

70-Yb-168

MAT 7025

Kerma elastic
Cross Section

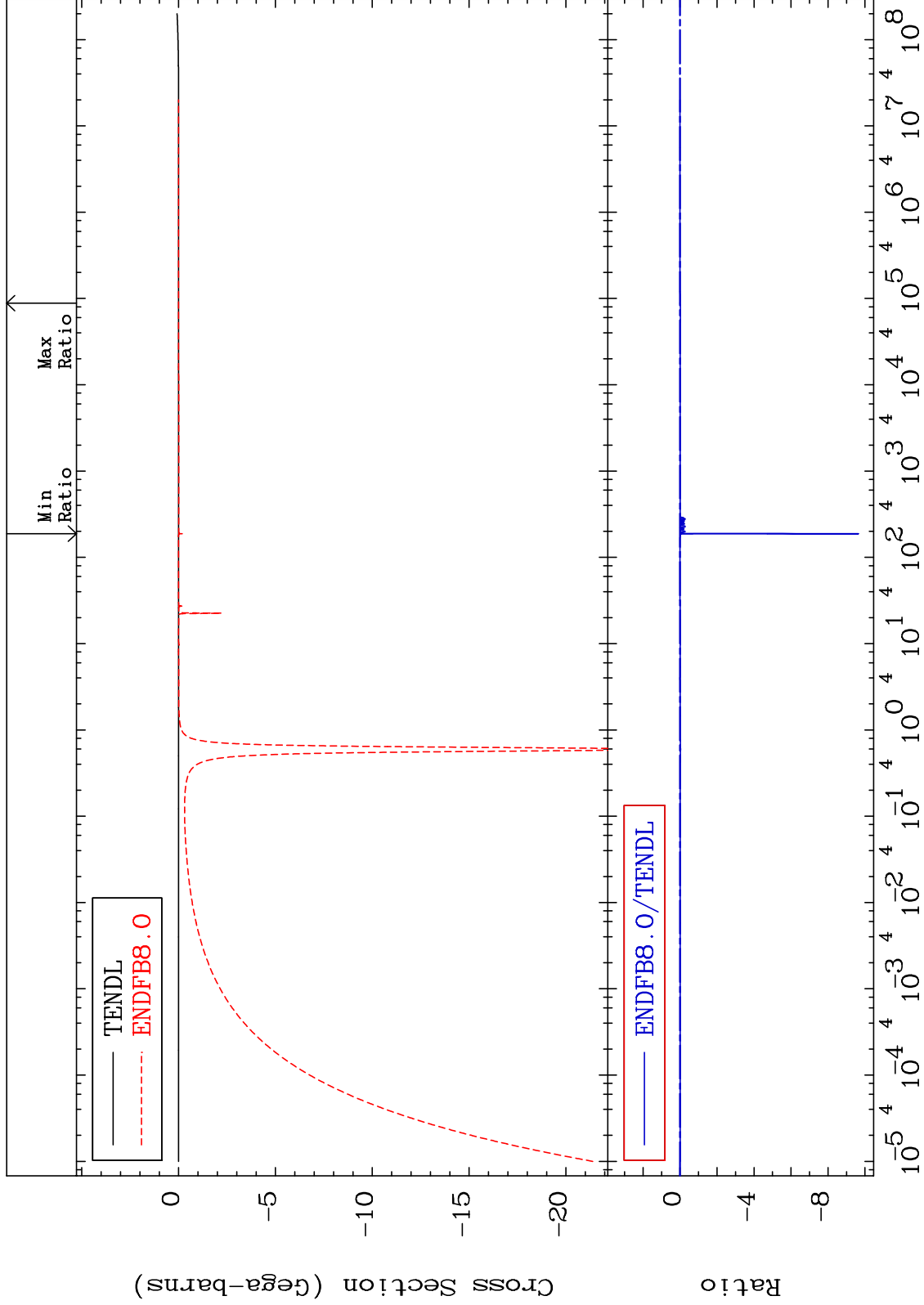
70-Yb-168
-99.89 To 9999. %



MAT 7025

Kerma non-elastic (all but mt2)
Cross Section

70-Yb-168
-9999. To 9999. %



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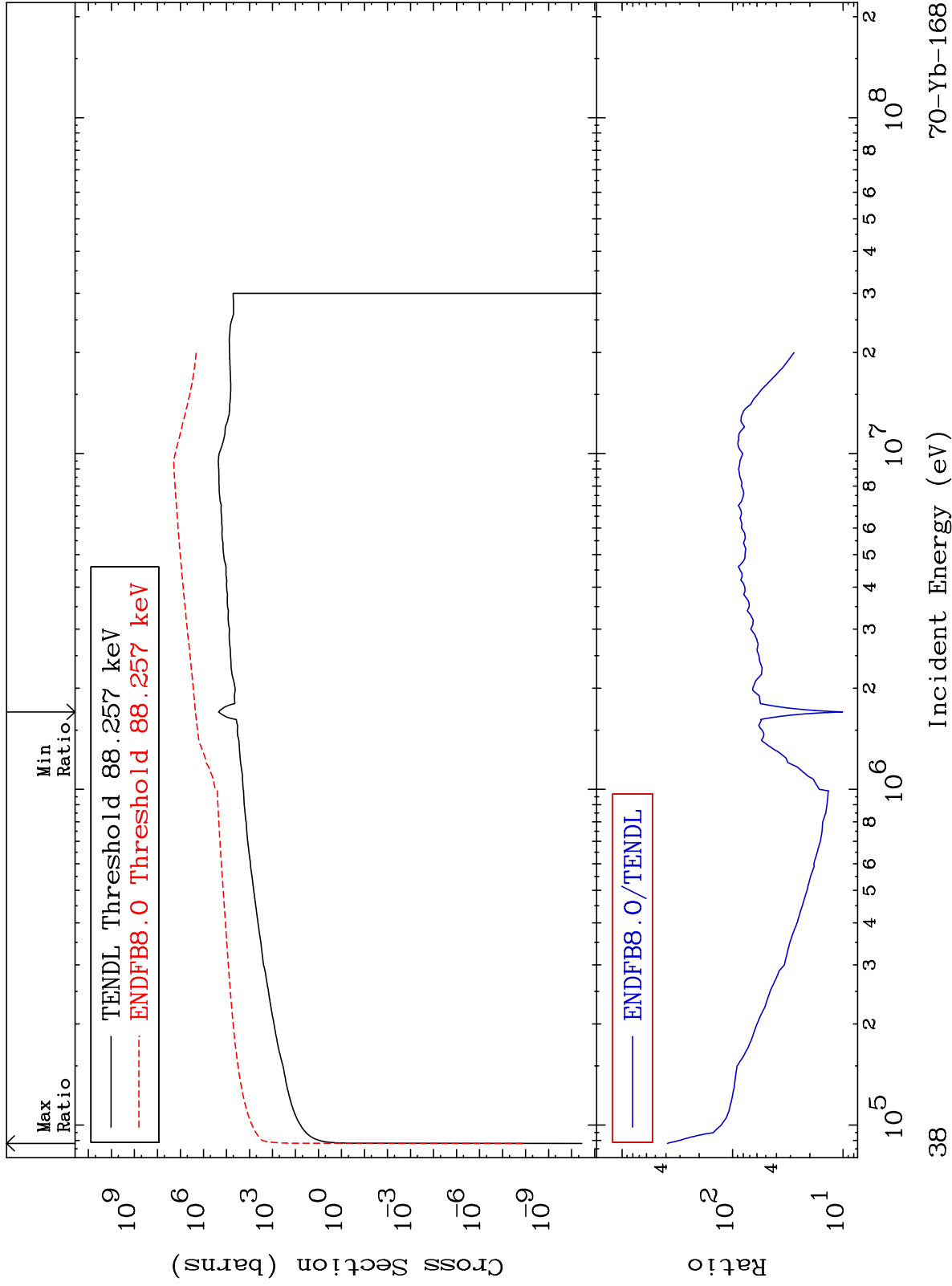
Incident Energy (eV)

70-Yb-168

MAT 7025

Kerma inelastic (mt51-91)
Cross Section

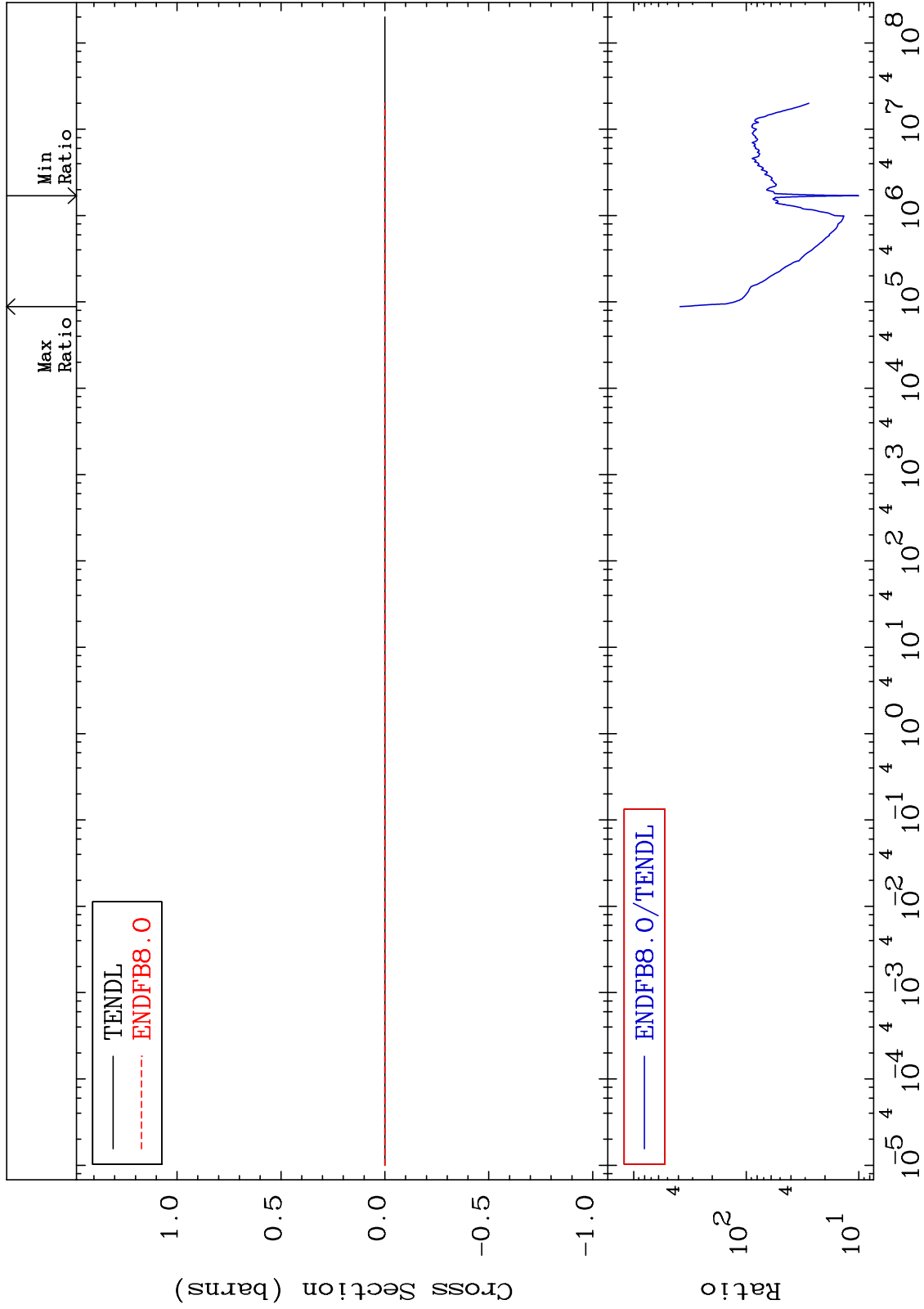
70-Yb-168
908.2 To 9999. %



MAT 7025

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

70-Yb-168
908.2 To 9999. %



39

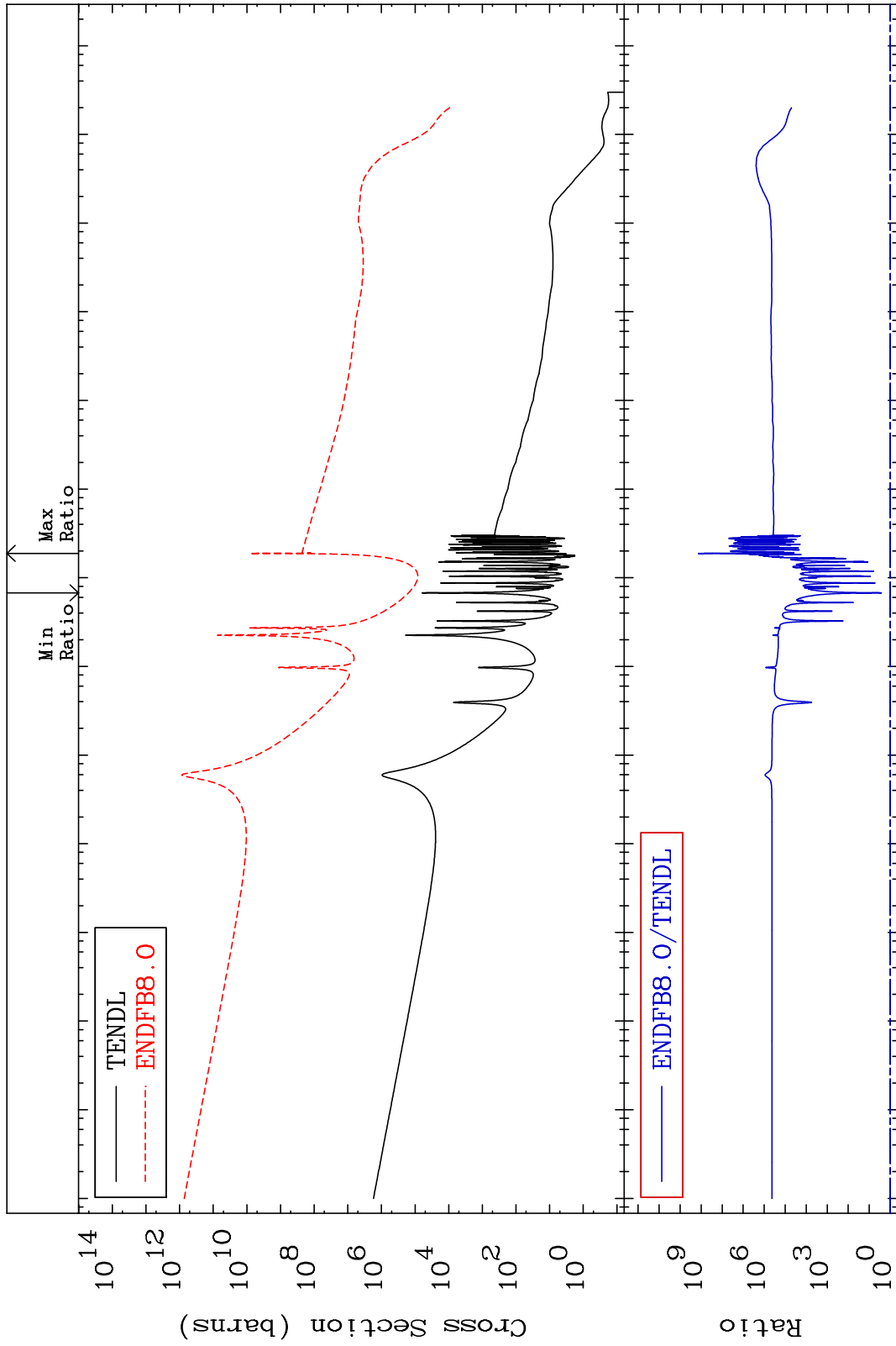
Incident Energy (eV)

70-Yb-168

MAT 7025

Kerma capture (mt102)
Cross Section

70-Yb-168
158.8 To 9999. %



40

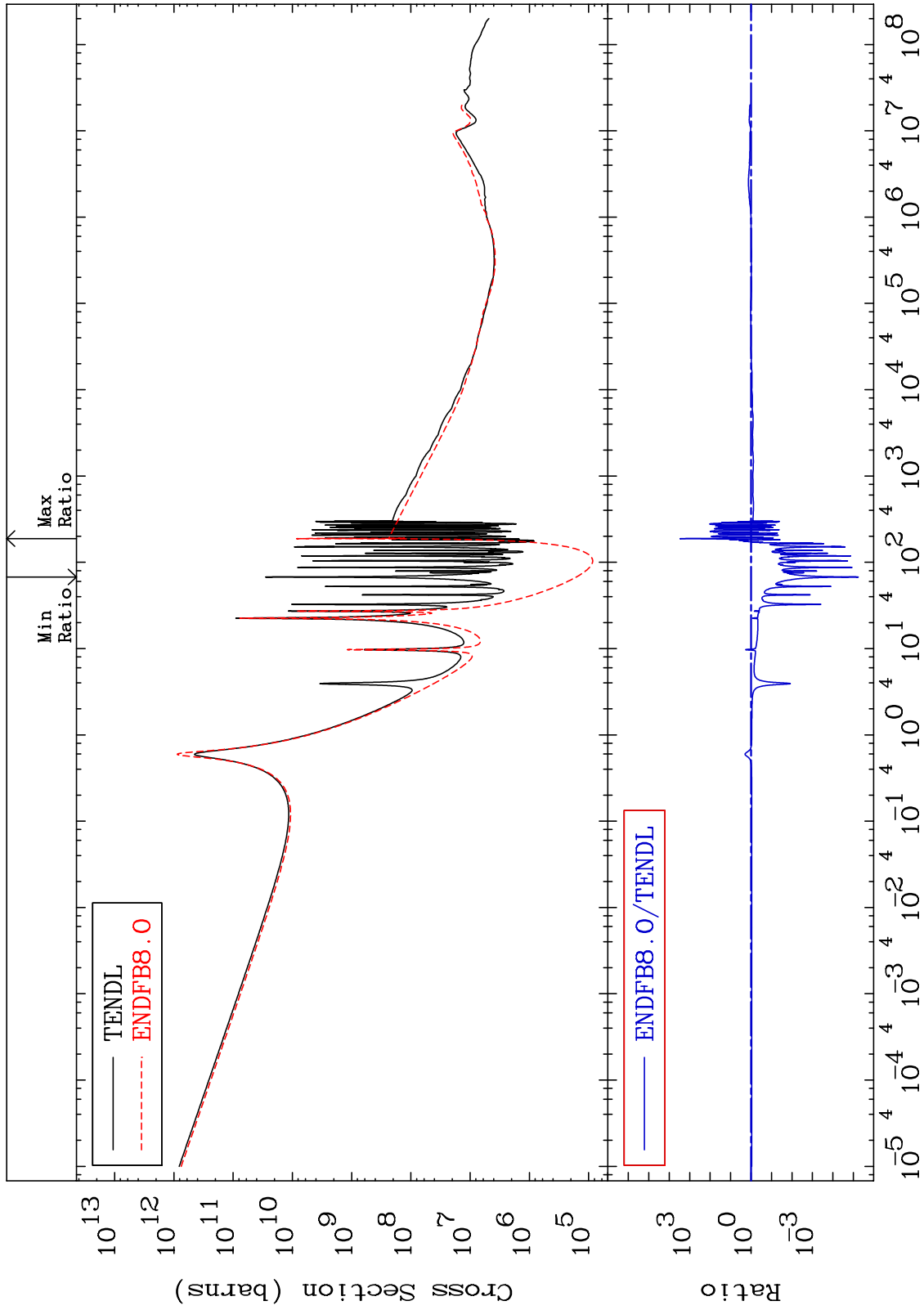
Incident Energy (eV)

70-Yb-168

MAT 7025

Total photon (eV-barns)
Cross Section

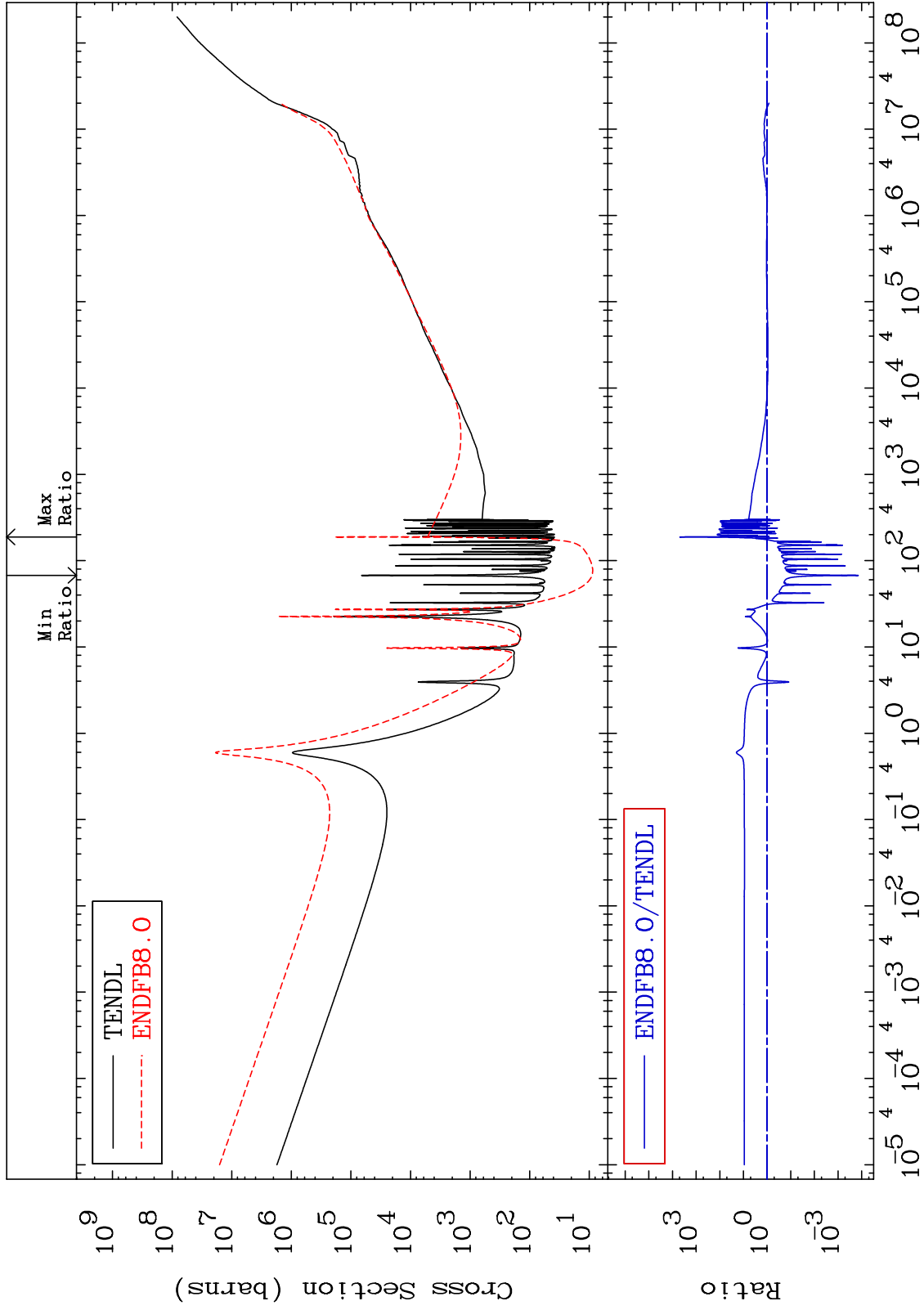
70-Yb-168
-100.0 To 9999. %



MAT 7025

Total kinematic kerma (high limit)
Cross Section

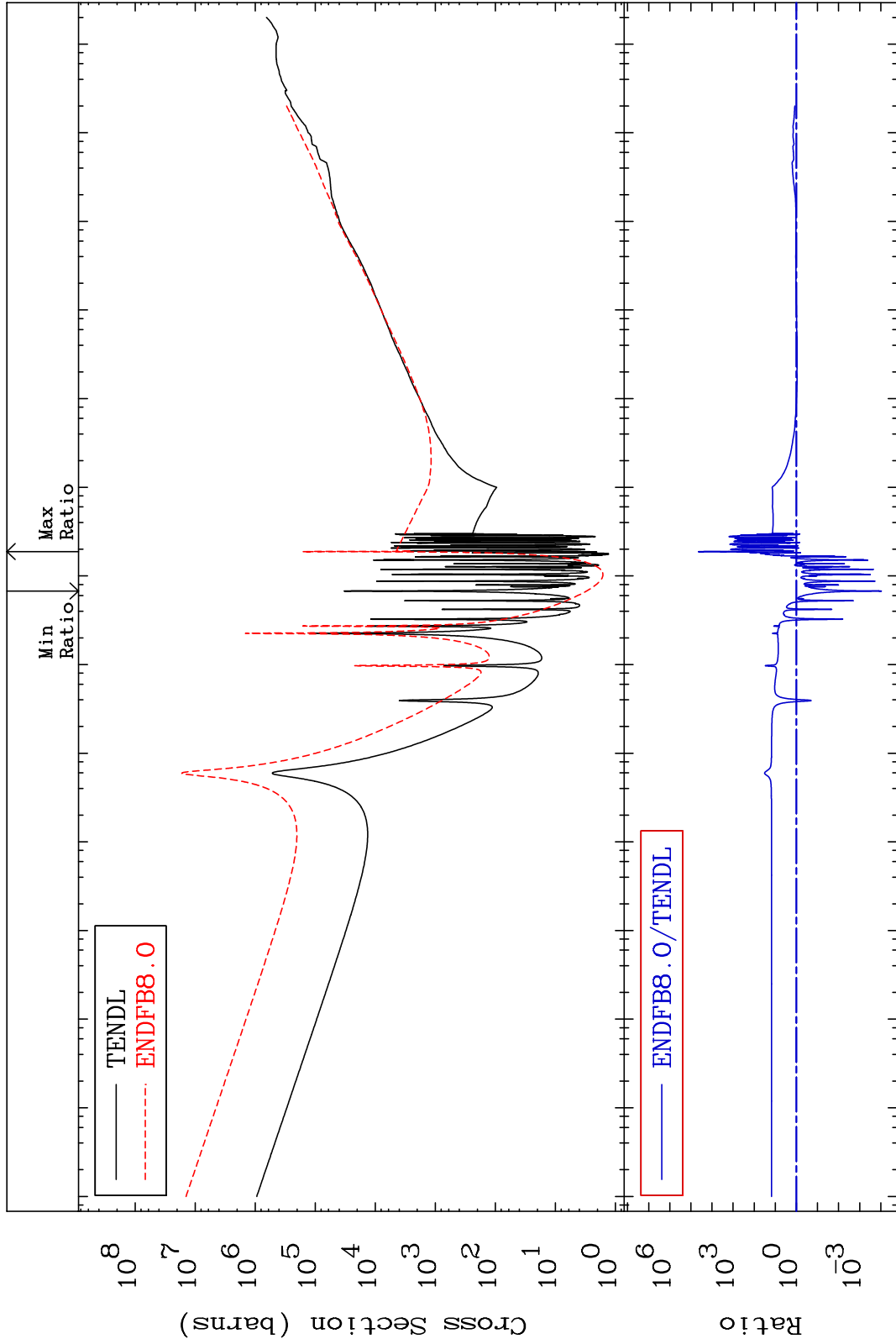
70-Yb-168
-99.99 To 9999. %



MAT 7025

Dpa total (eV-barns)
Cross Section

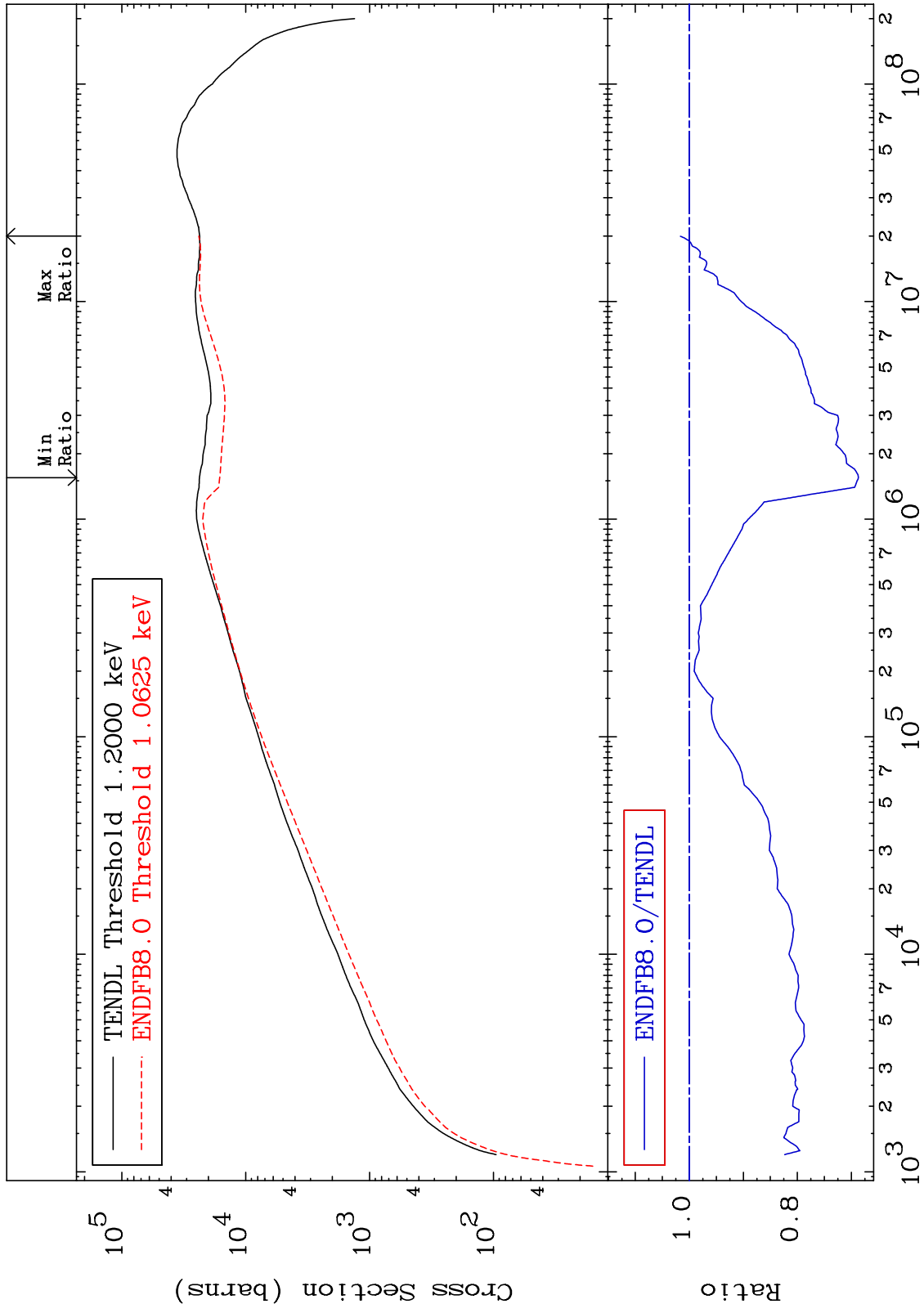
70-Yb-168
-99.99 To 9999. %



MAT 7025

Dpa elastic (mt2)
Cross Section

70-Yb-168
-31.31 To 1.725 %



44

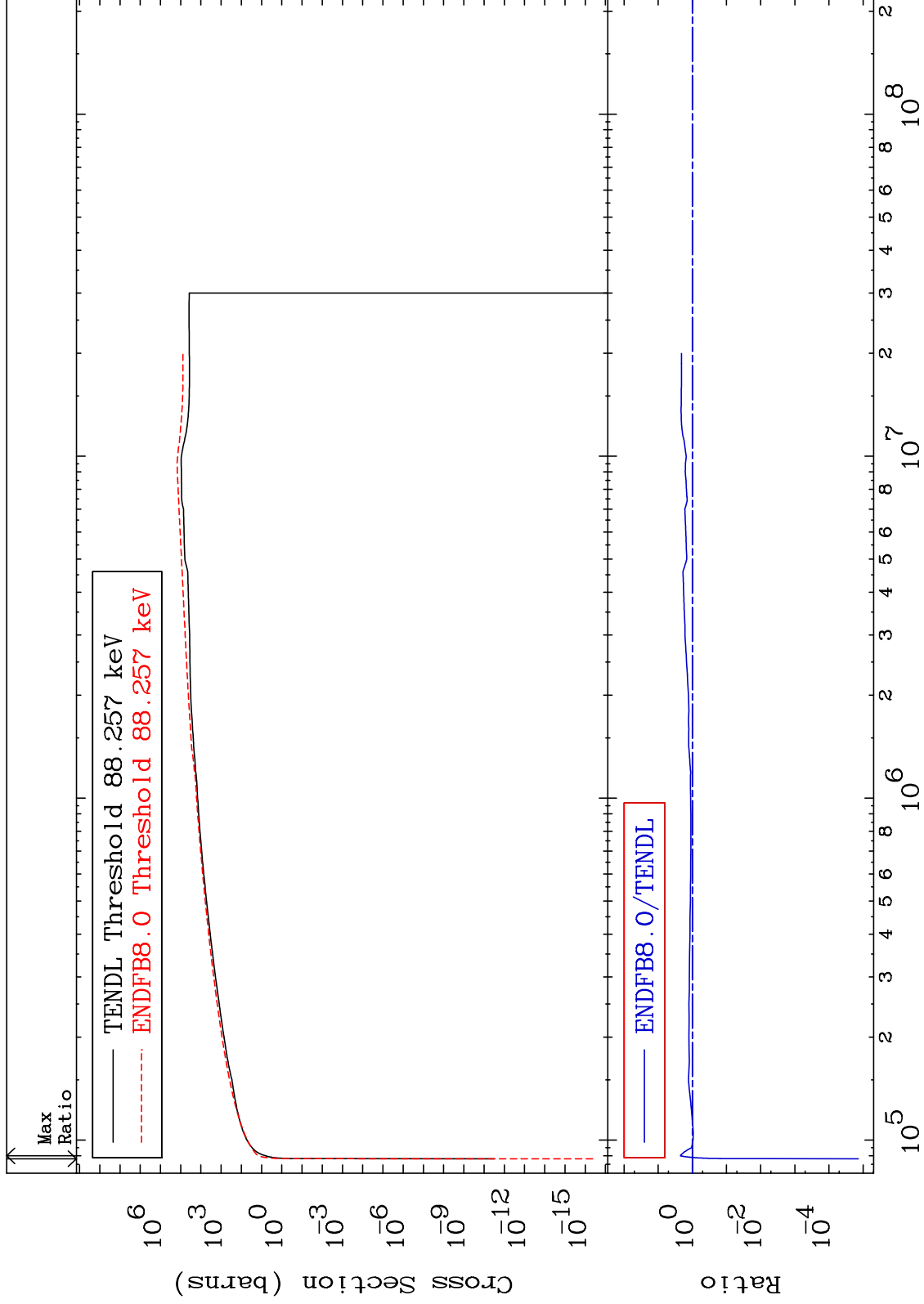
Incident Energy (eV)

70-Yb-168

MAT 7025

Dpa inelastic (mt51-91)
Cross Section

70-Yb-168
-100.0 To 129.9 %



45

Incident Energy (eV)

70-Yb-168

MAT 7025

Dpa disappearance (mt102 -120)
Cross Section

70-Yb-168
-99.99 To 9999. %

