

Program Complot  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

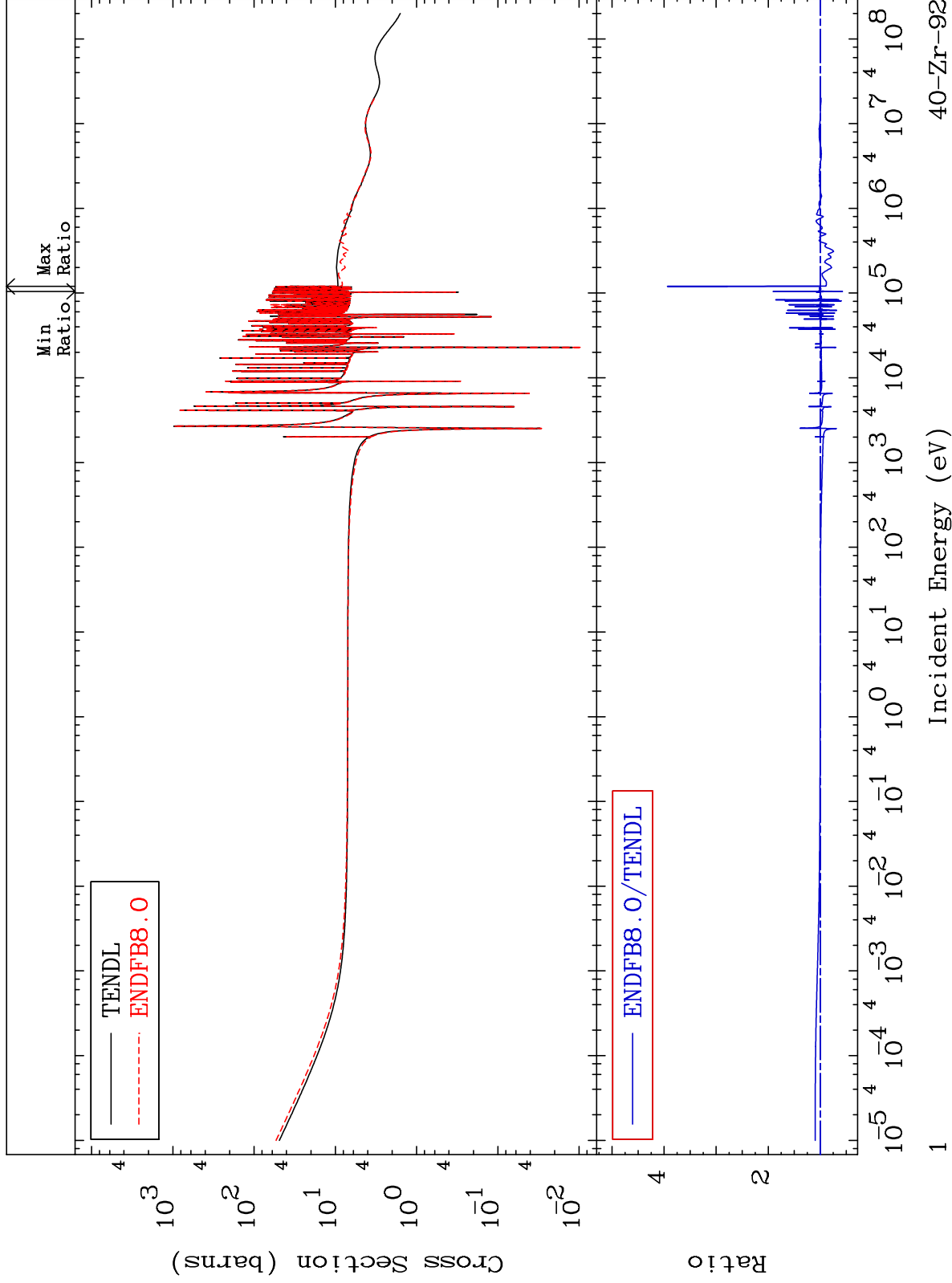
MAT 4031

Total

40-Zr-92

Cross Section

-43.02 To 293.4 %



Incident Energy (eV)

40-Zr-92

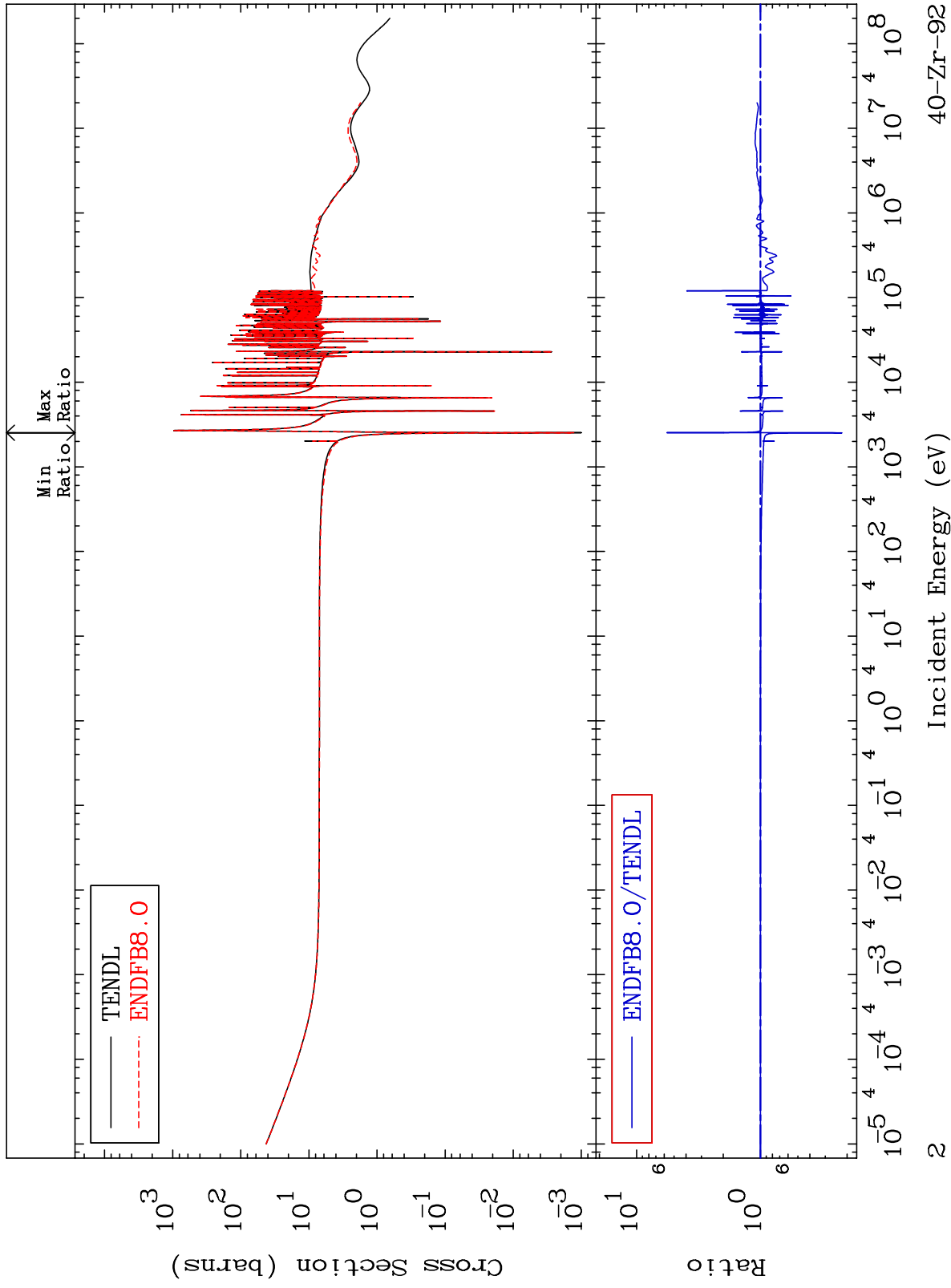
MAT 4031

Elastic

Cross Section

40-Zr-92

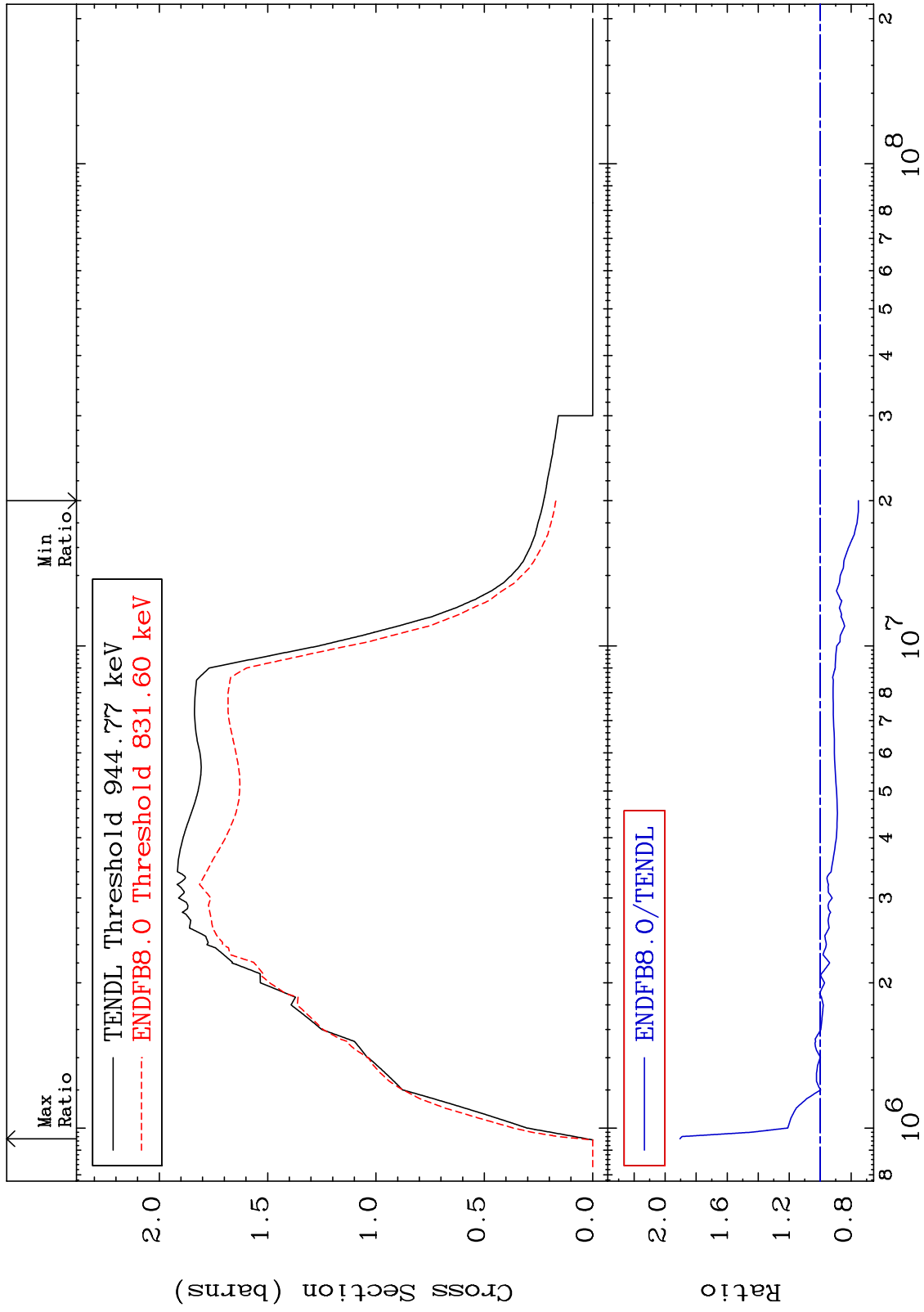
-77.93 To 471.1 %



MAT 4031

Inelastic  
Cross Section

40-Zr-92  
-24.69 To 90.44 %



40-Zr-92

40-Zr-92

3

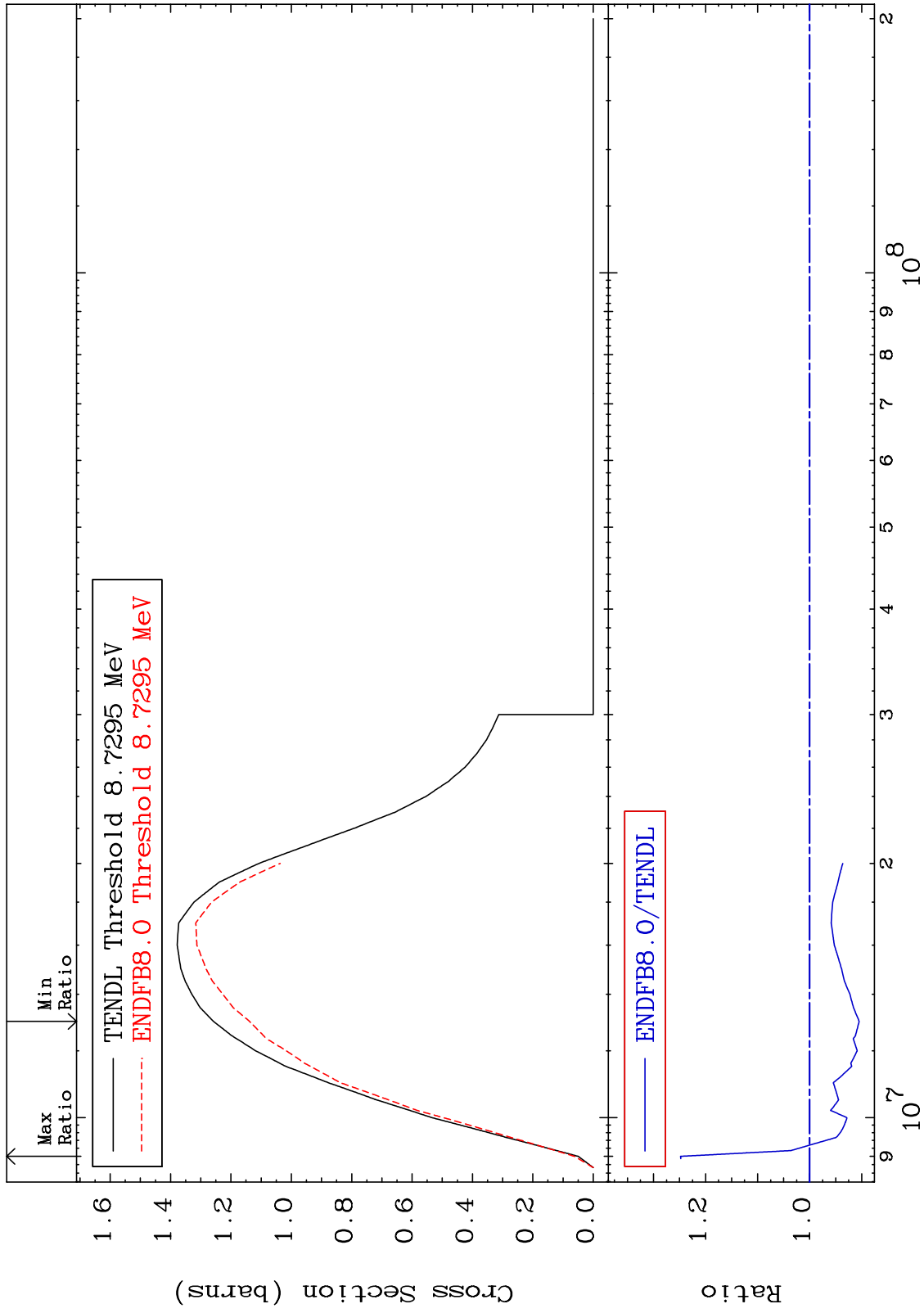
MAT 4031

(n,2n)

40-Zr-92

Cross Section

-9.509 To 24.79 %



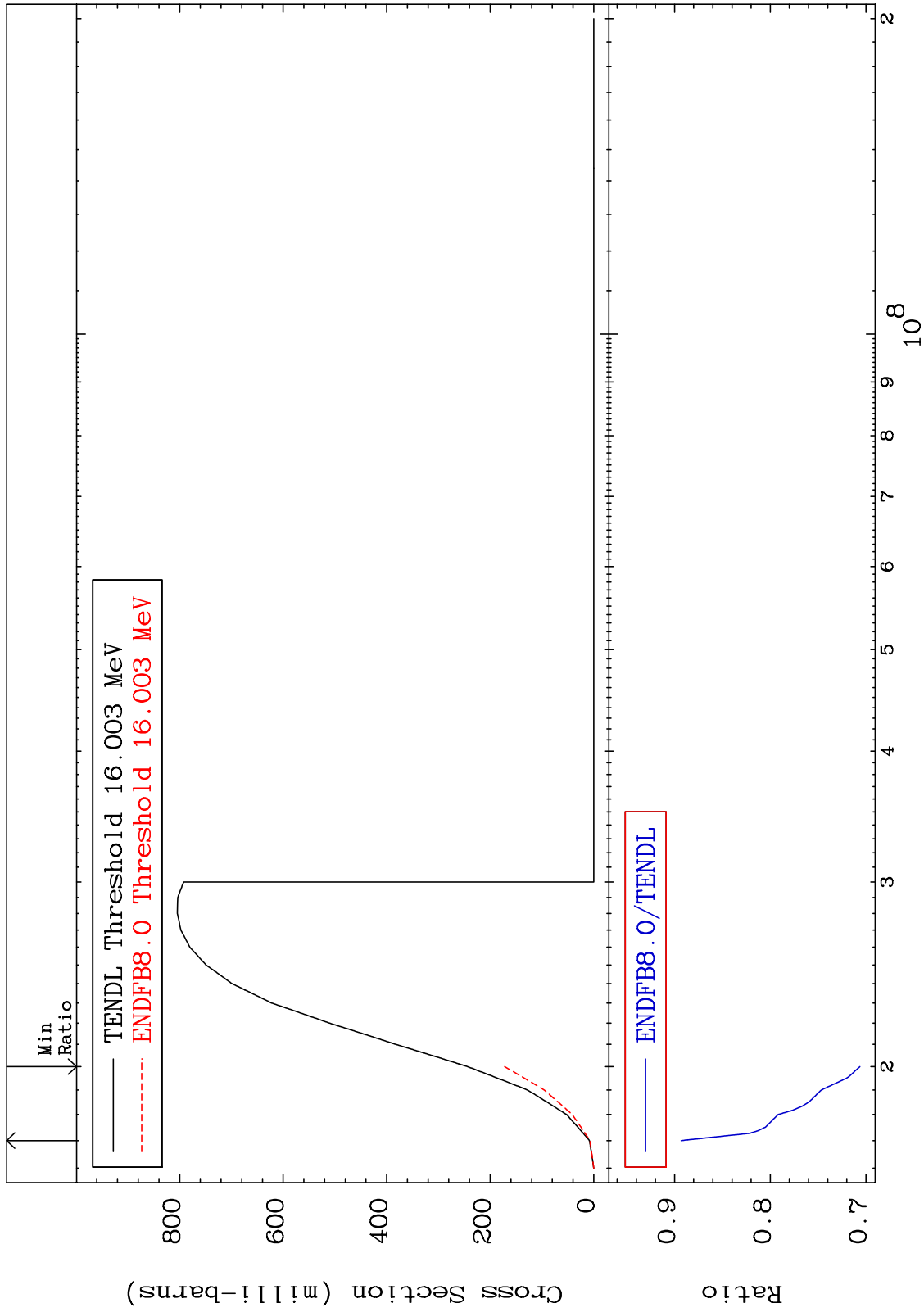
MAT 4031

(n, 3n)

40-Zr-92

Cross Section

-29.37 To -10.70%



Incident Energy (eV)

40-Zr-92

5

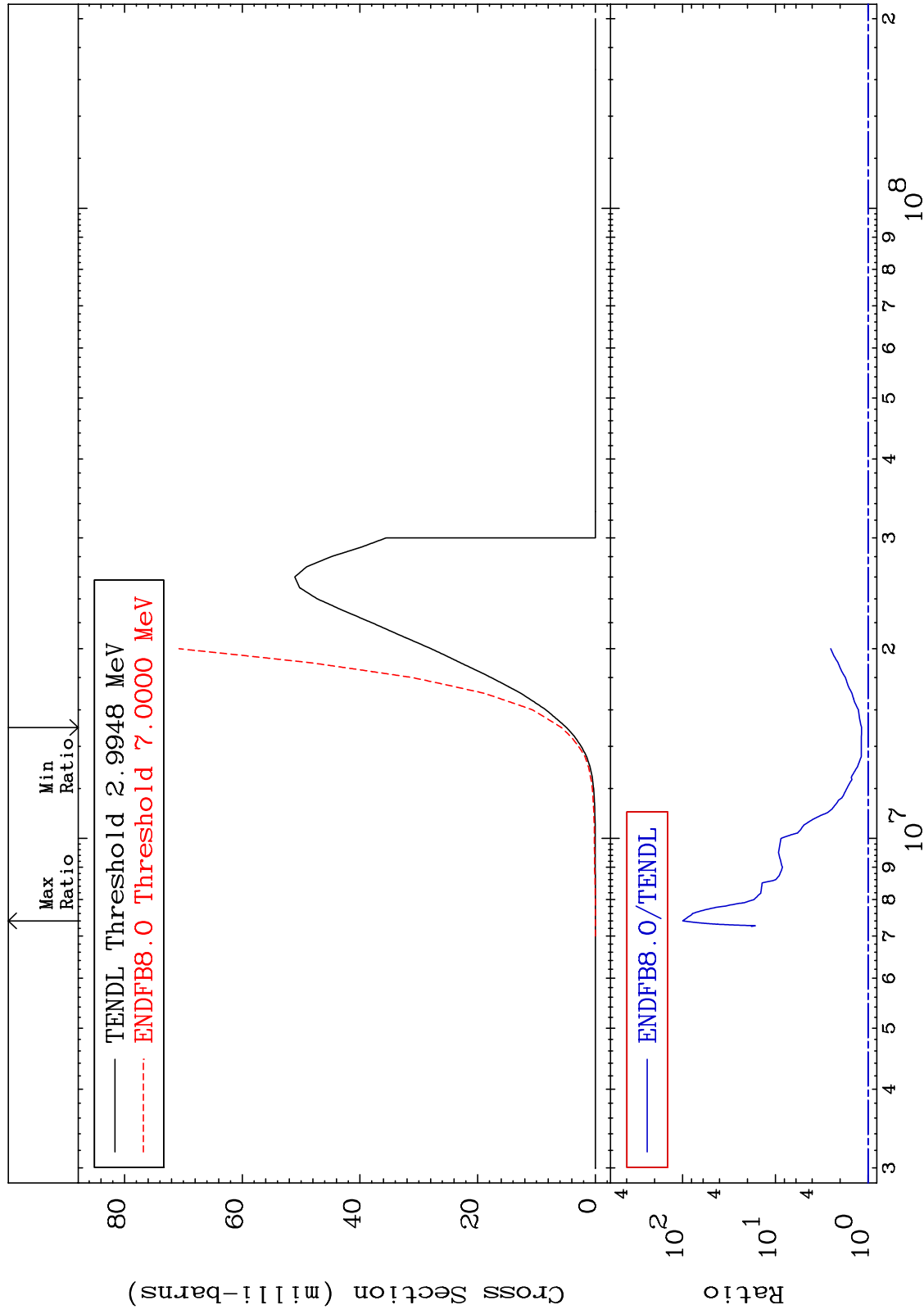
MAT 4031

(n,n')  $\alpha$

40-Zr-92

17.55 To 9830. %

Cross Section



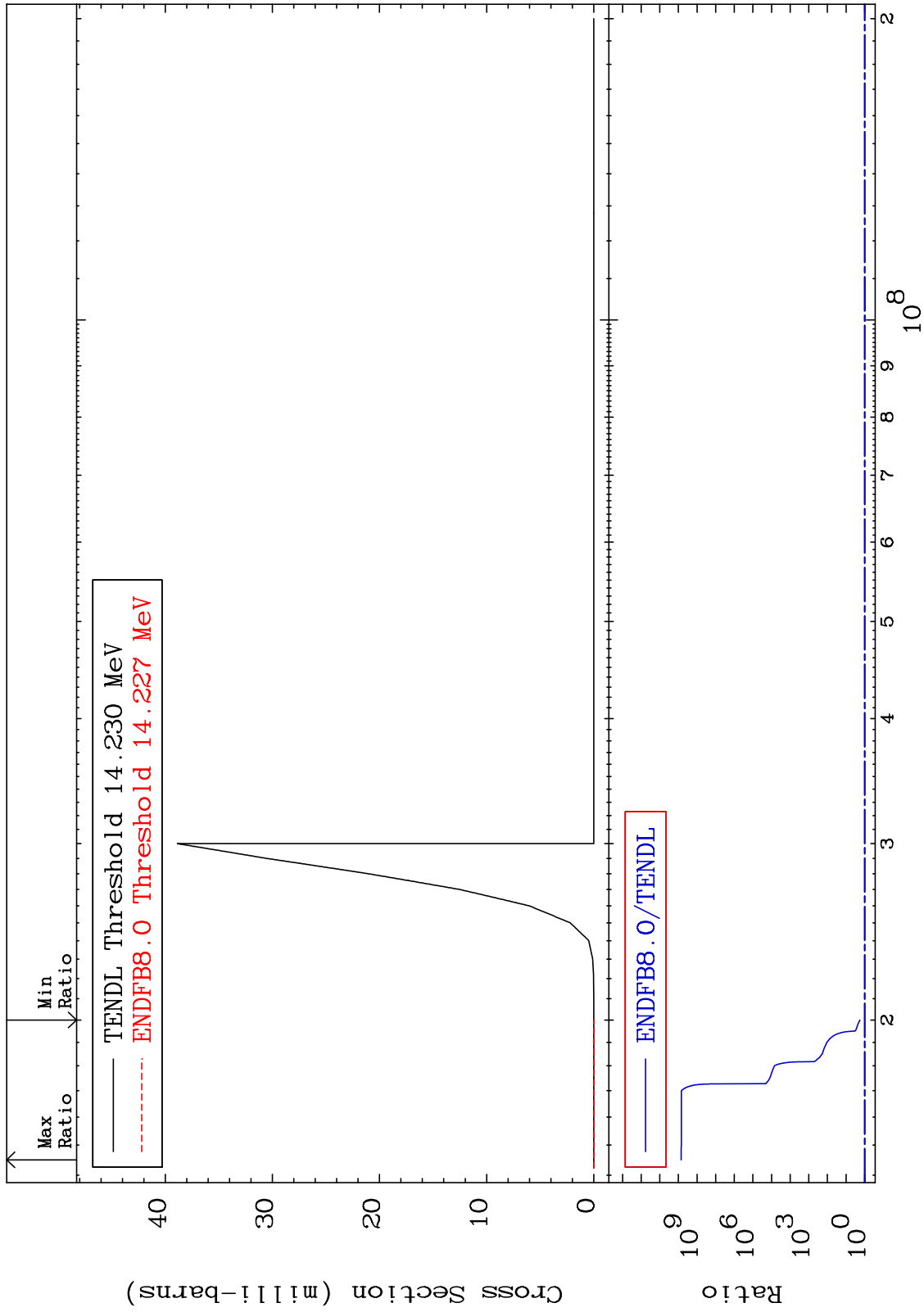
MAT 4031

(n,2n)  $\alpha$

40-Zr-92

Cross Section

79.01 To 9999. %





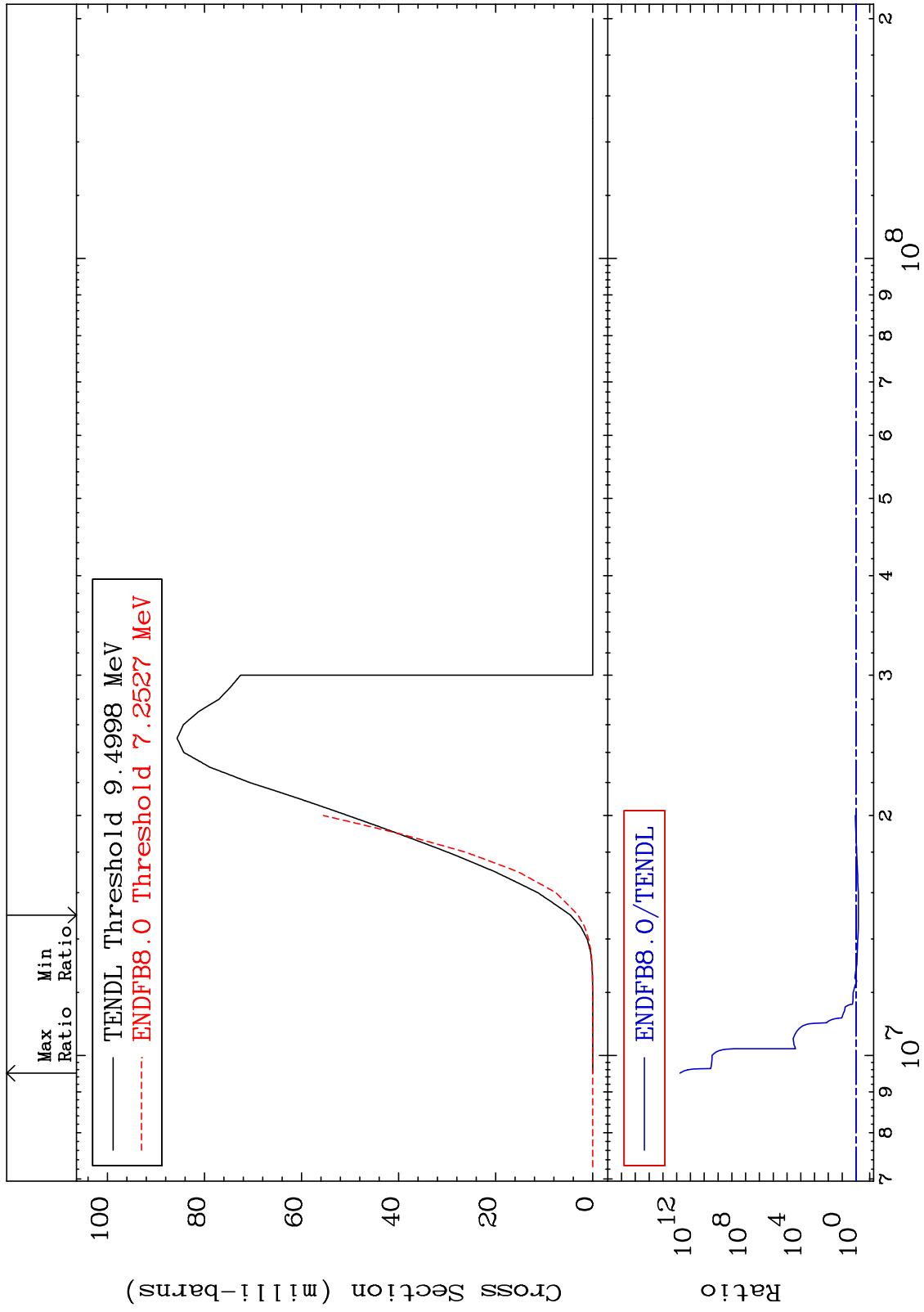
MAT 4031

(n,n') p

40-Zr-92

Cross Section

-33.91 To 9999. %



8

Incident Energy (eV)

40-Zr-92

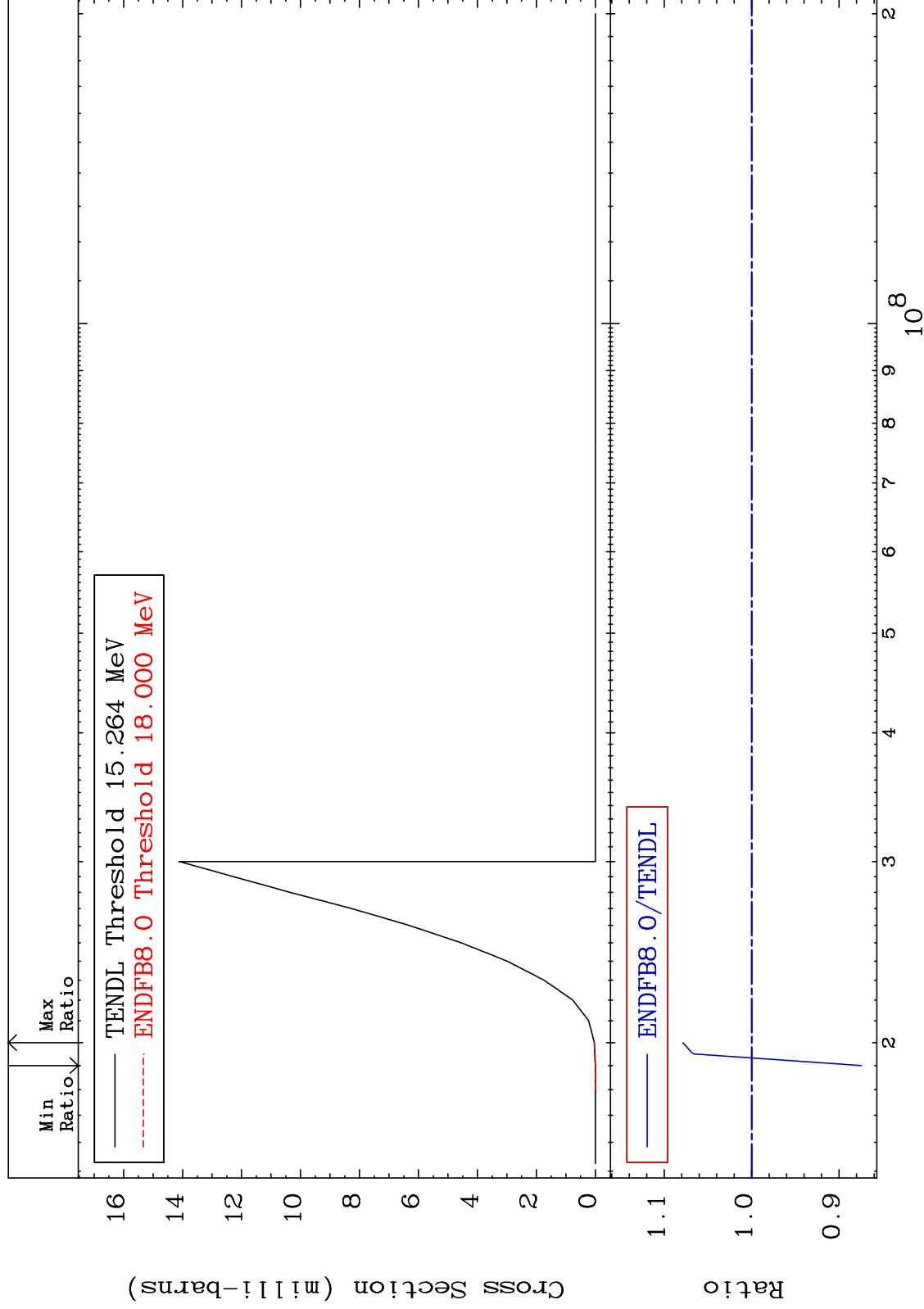
MAT 4031

(n,n') d

40-Zr-92

Cross Section

-12.57 To 7.864 %



9

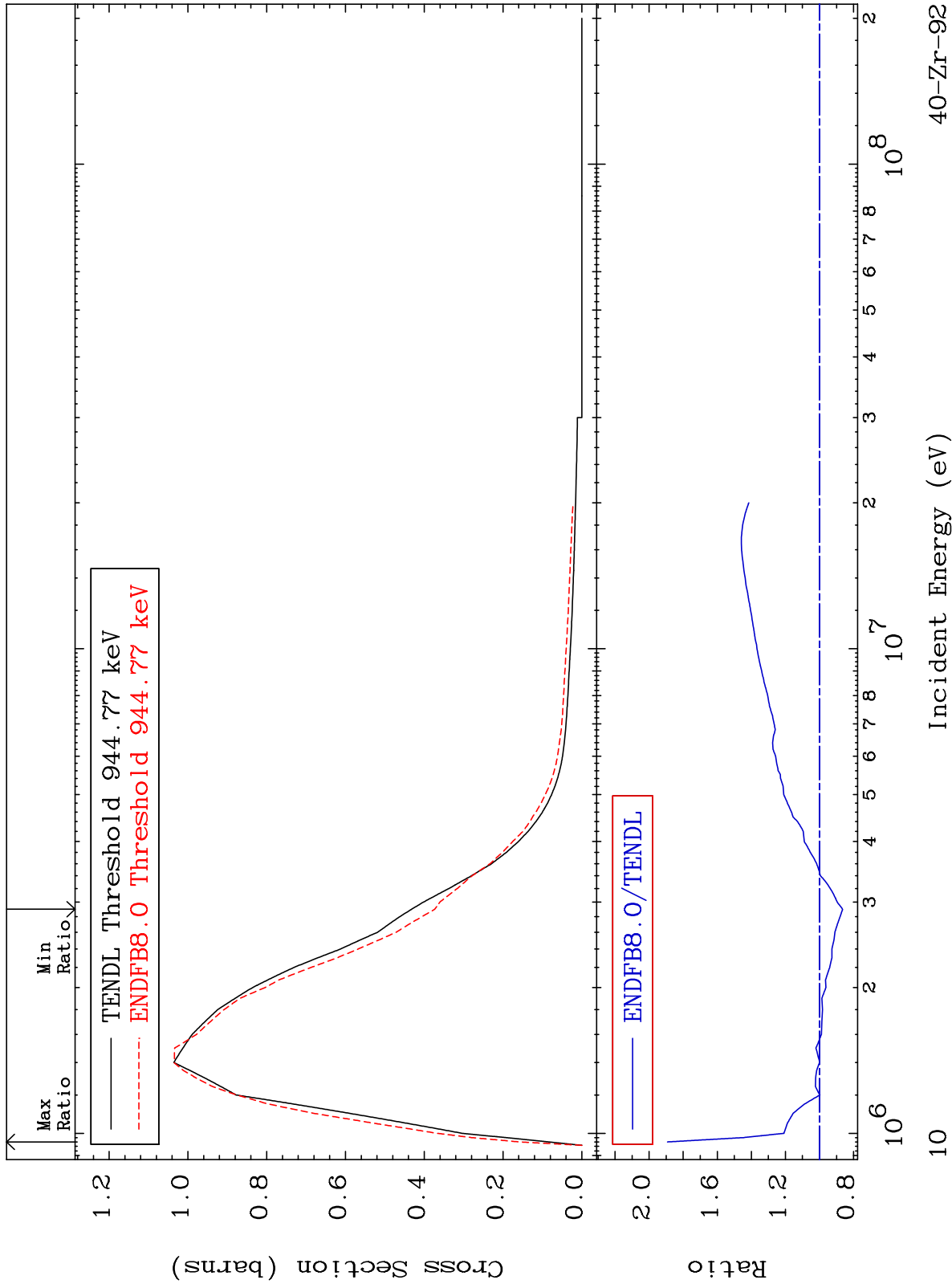
40-Zr-92

40-Zr-92

MAT 4031

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

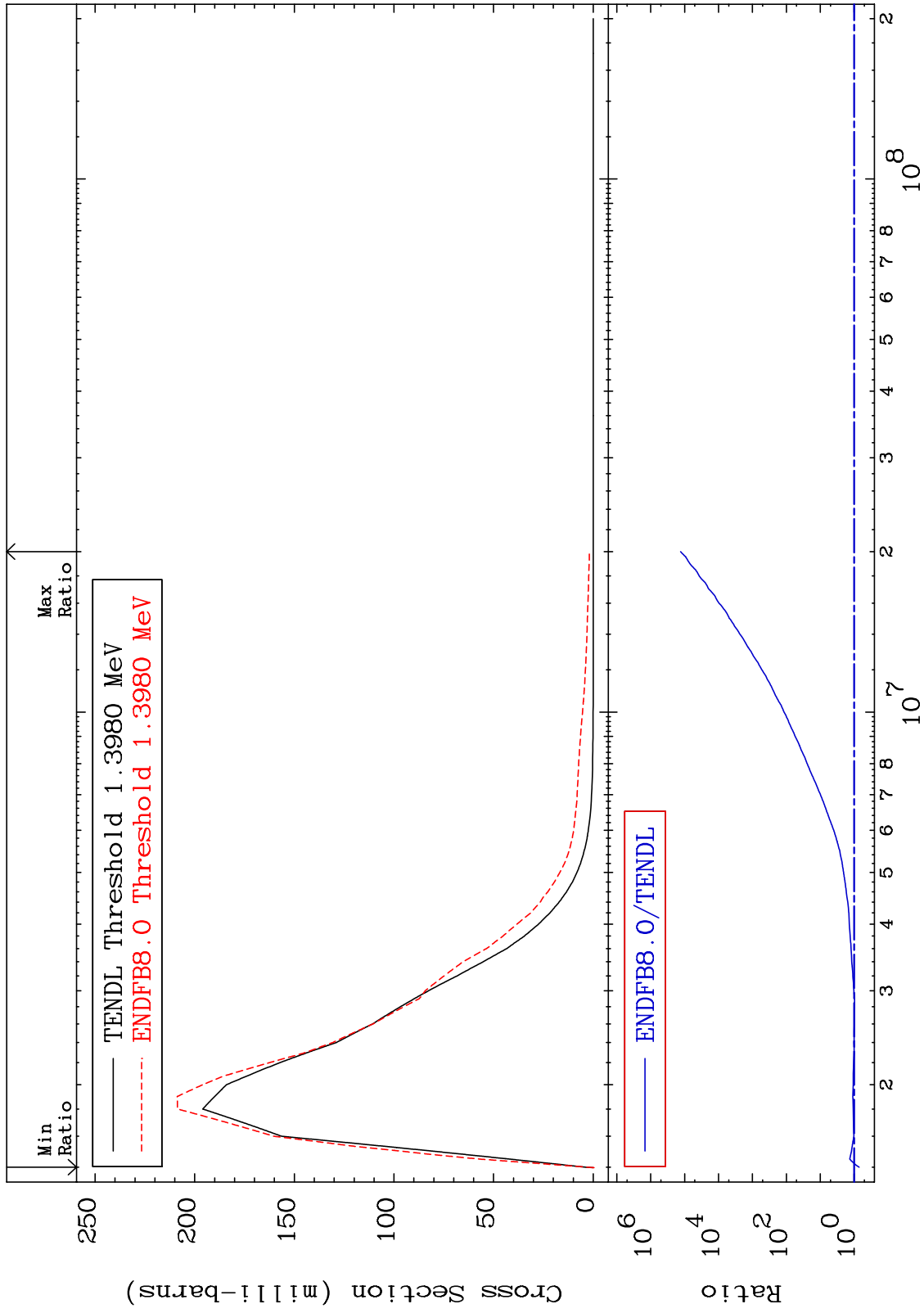
40-Zr-92  
-13.61 To 89.19 %



MAT 4031

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

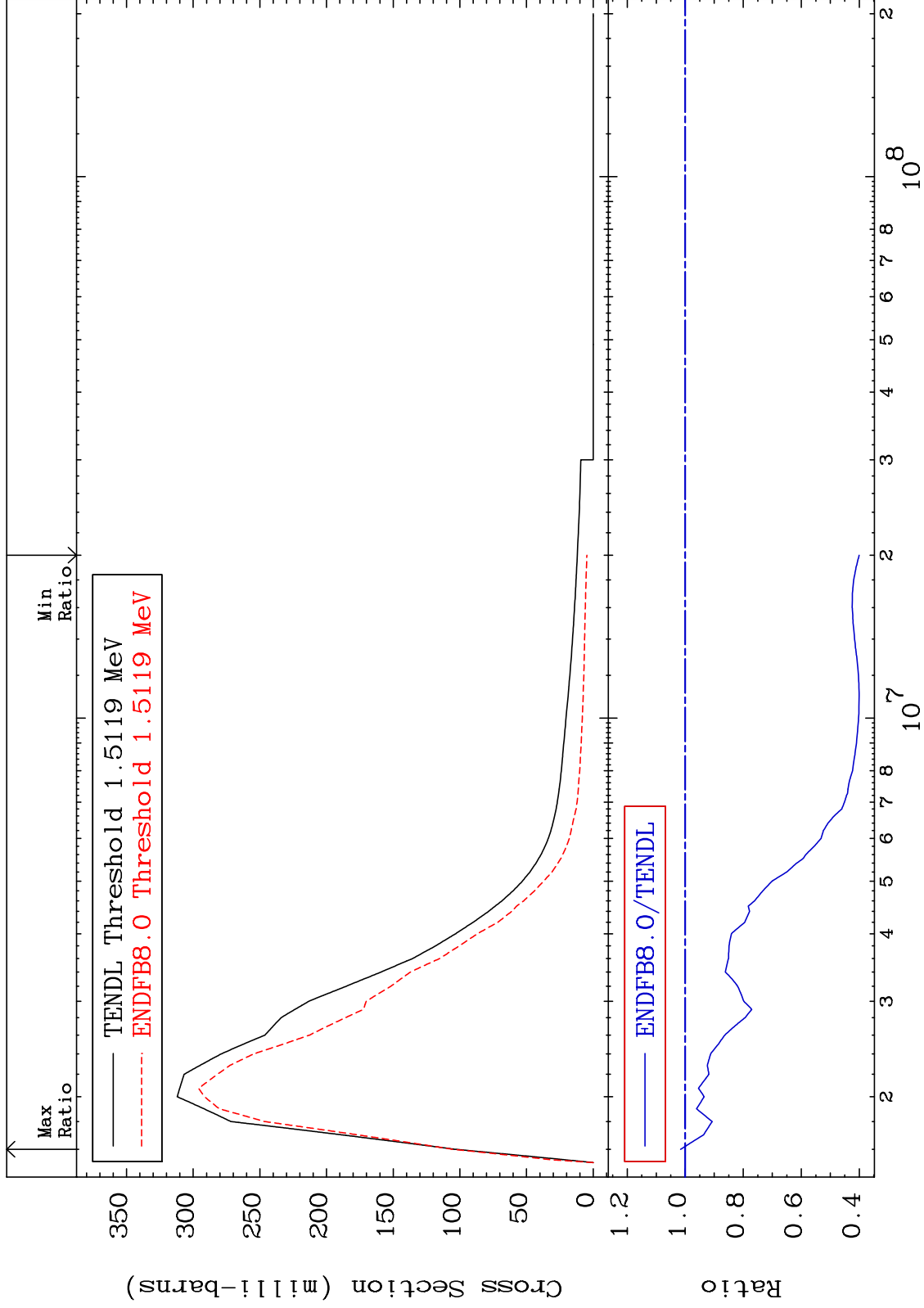
40-Zr-92  
-28.69 To 9999. %



MAT 4031

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

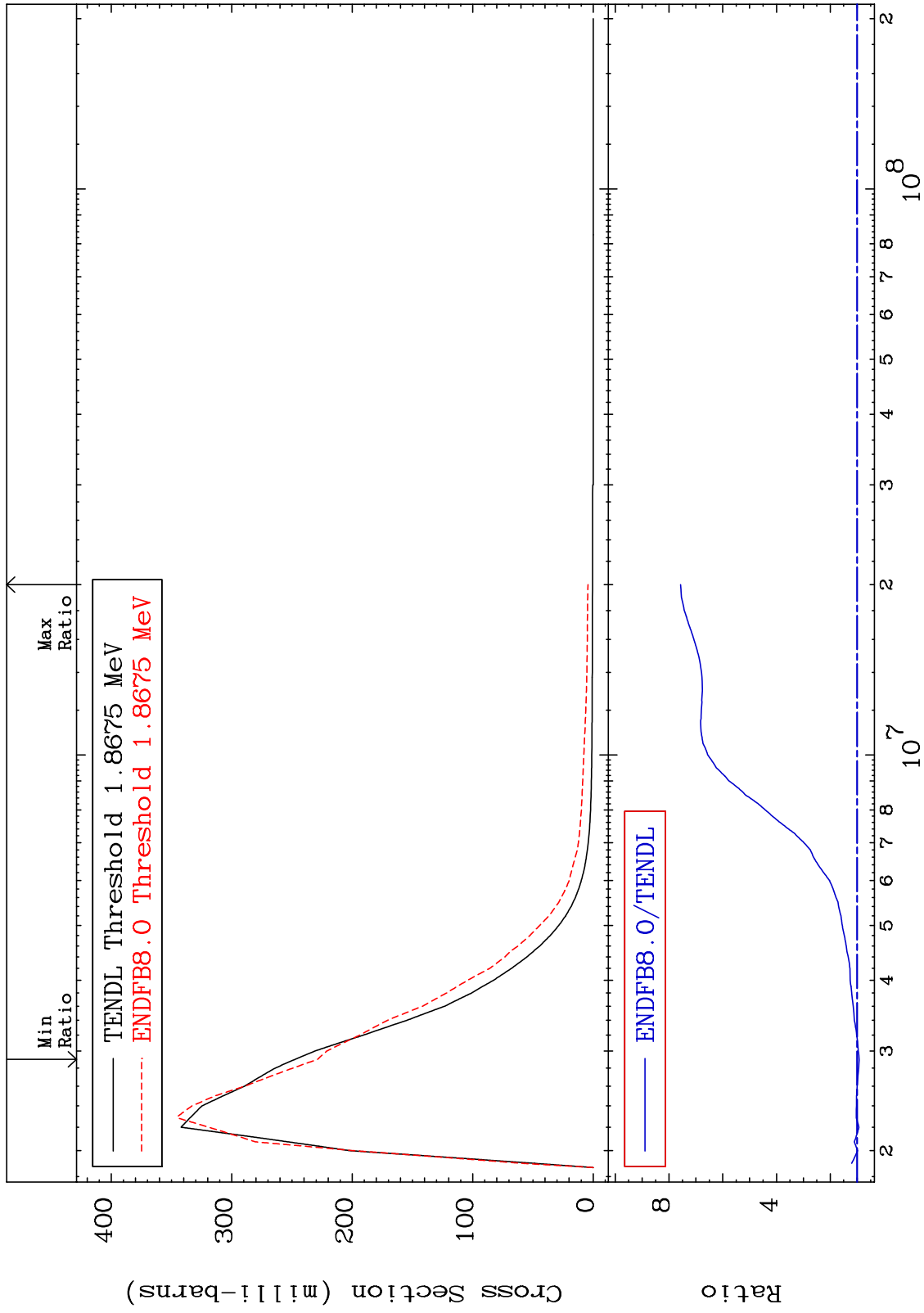
40-Zr-92  
-59.95 To 1.592 %



MAT 4031

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

40-Zr-92  
-7.496 To 656.8 %



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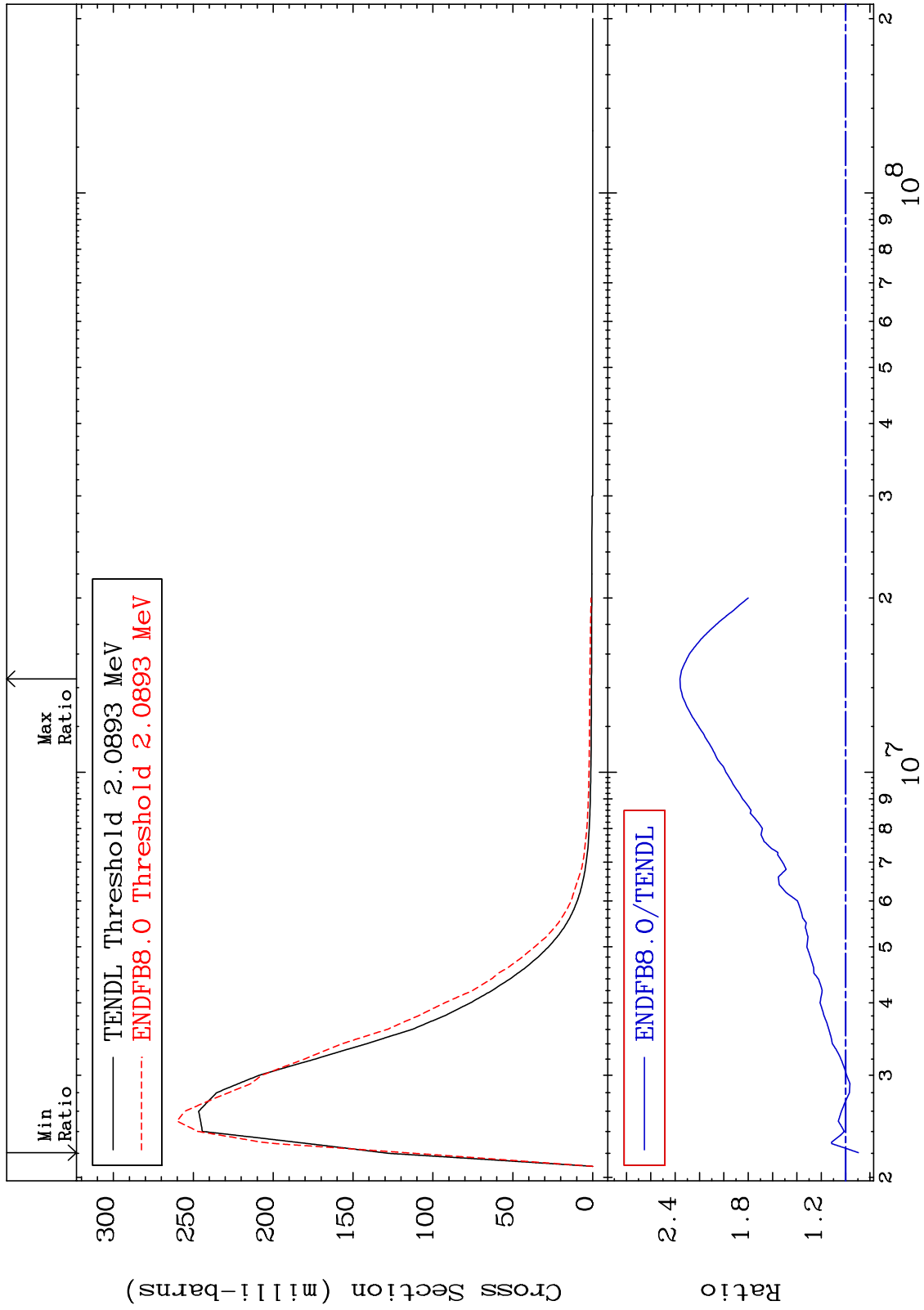
Incident Energy (eV)

40-Zr-92

MAT 4031

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

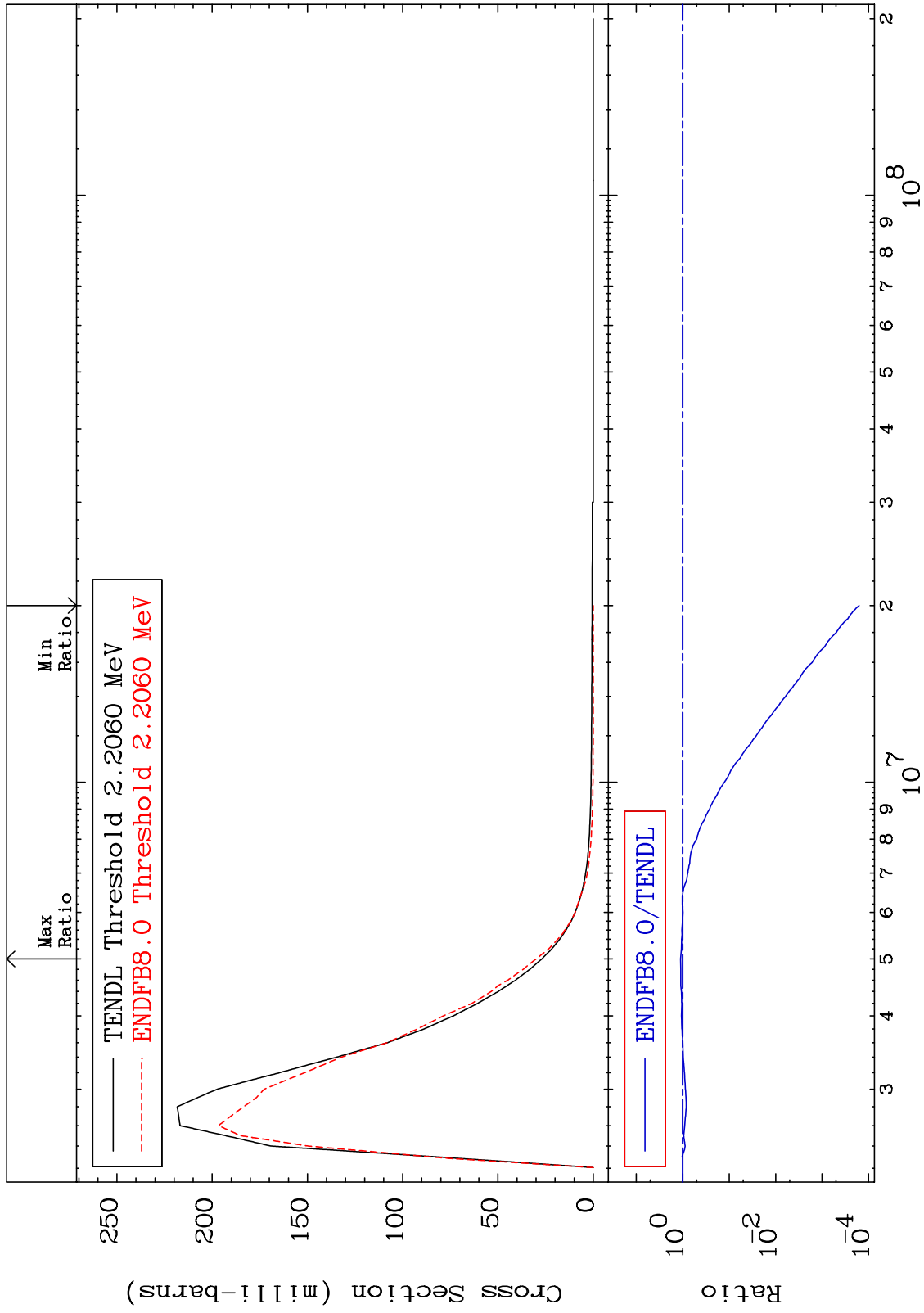
40-Zr-92  
-10.46 To 136.0 %



MAT 4031

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

40-Zr-92  
-99.98 To 11.14 %

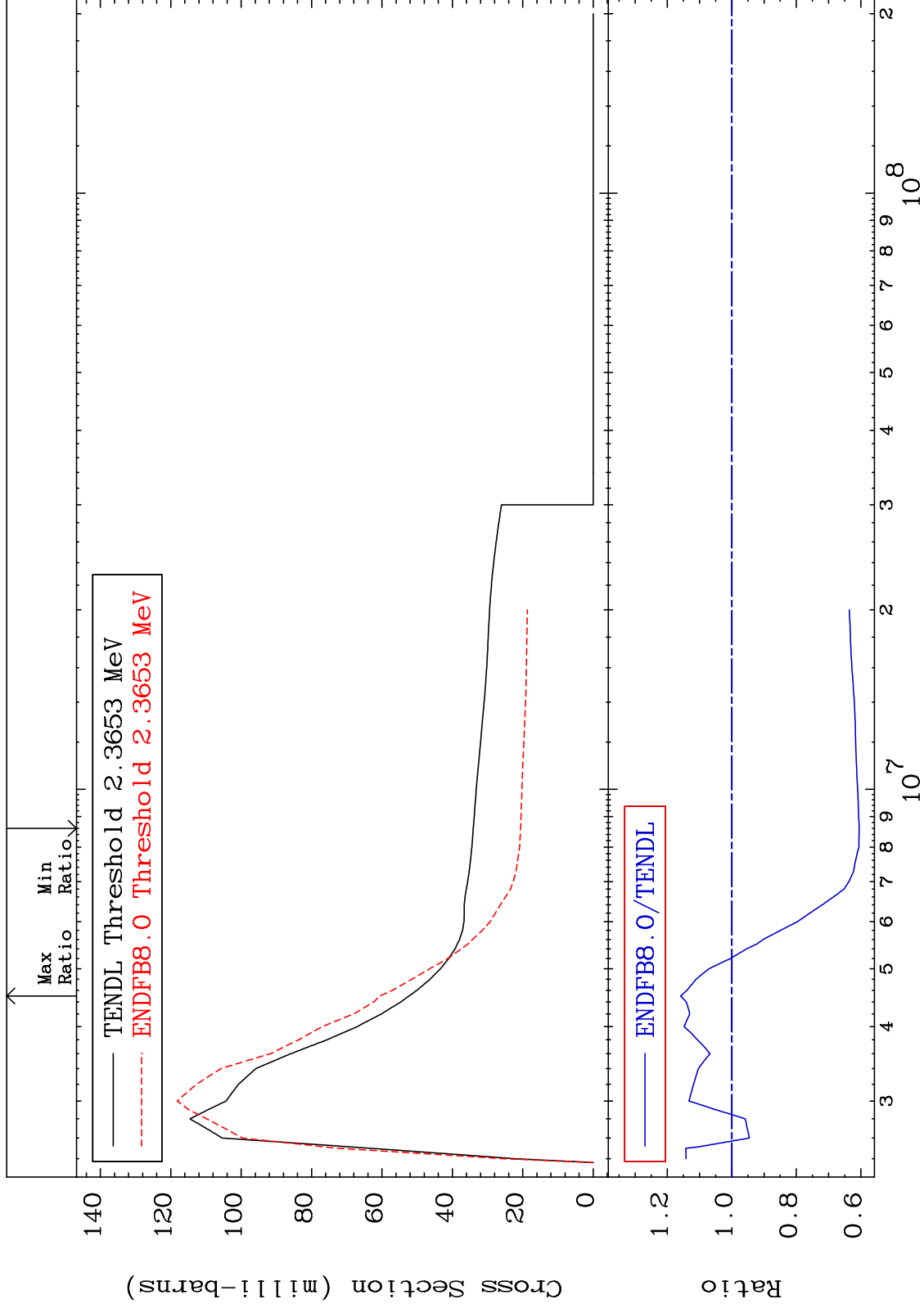




MAT 4031

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

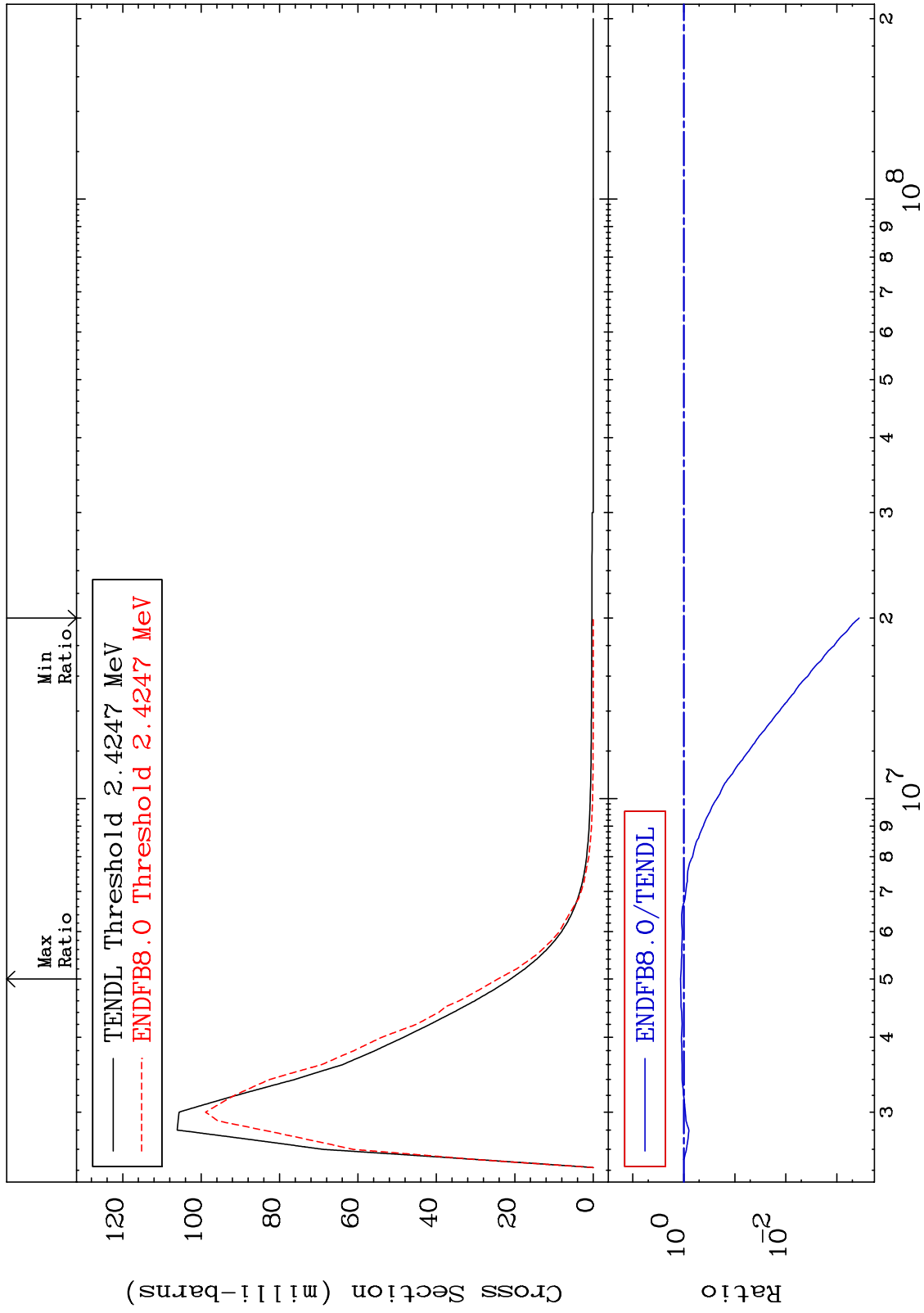
40-Zr-92  
-39.49 To 15.88 %



MAT 4031

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

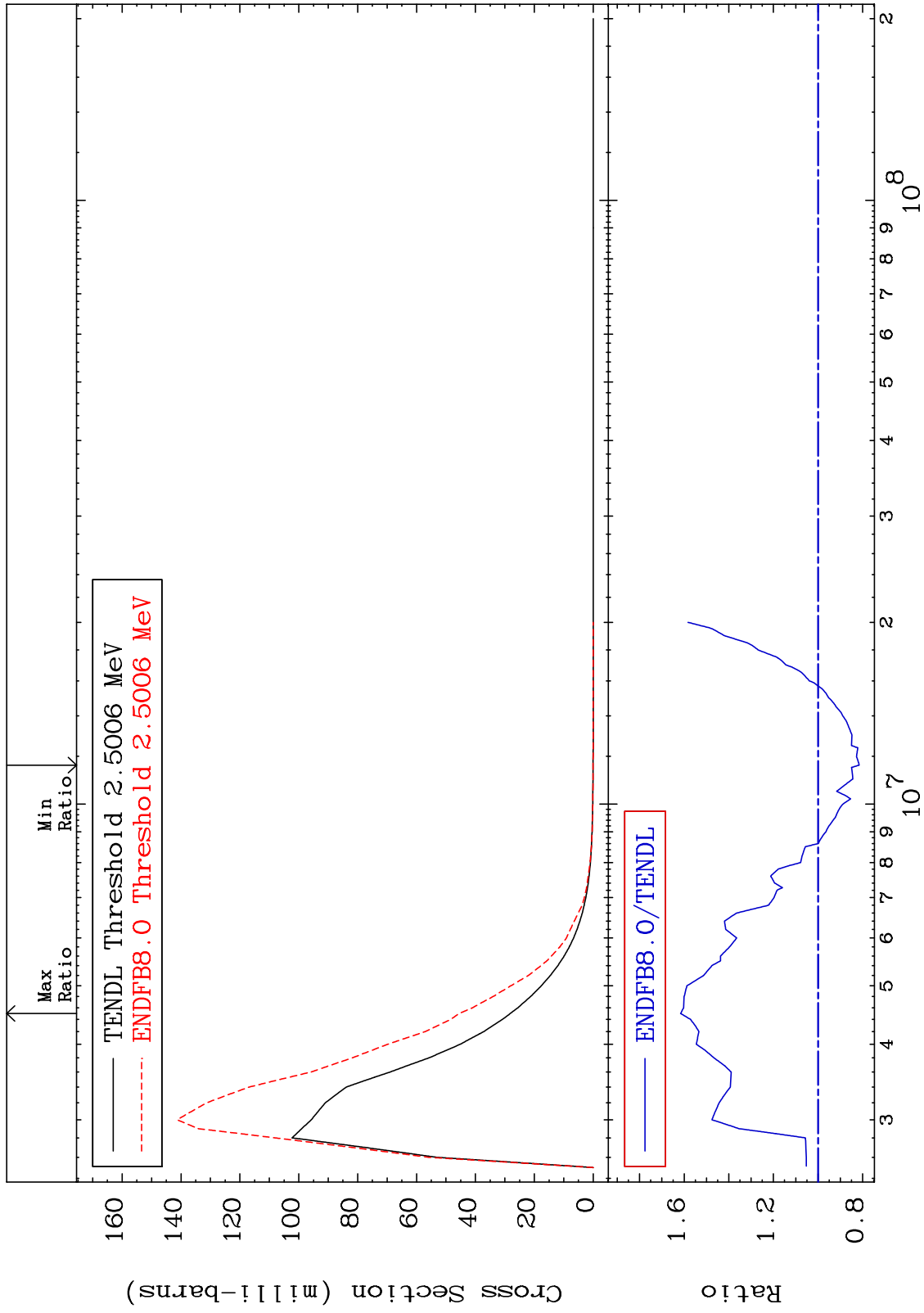
40-Zr-92  
-99.96 To 15.48 %



MAT 4031

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

40-Zr-92  
-18.45 To 61.60 %



18

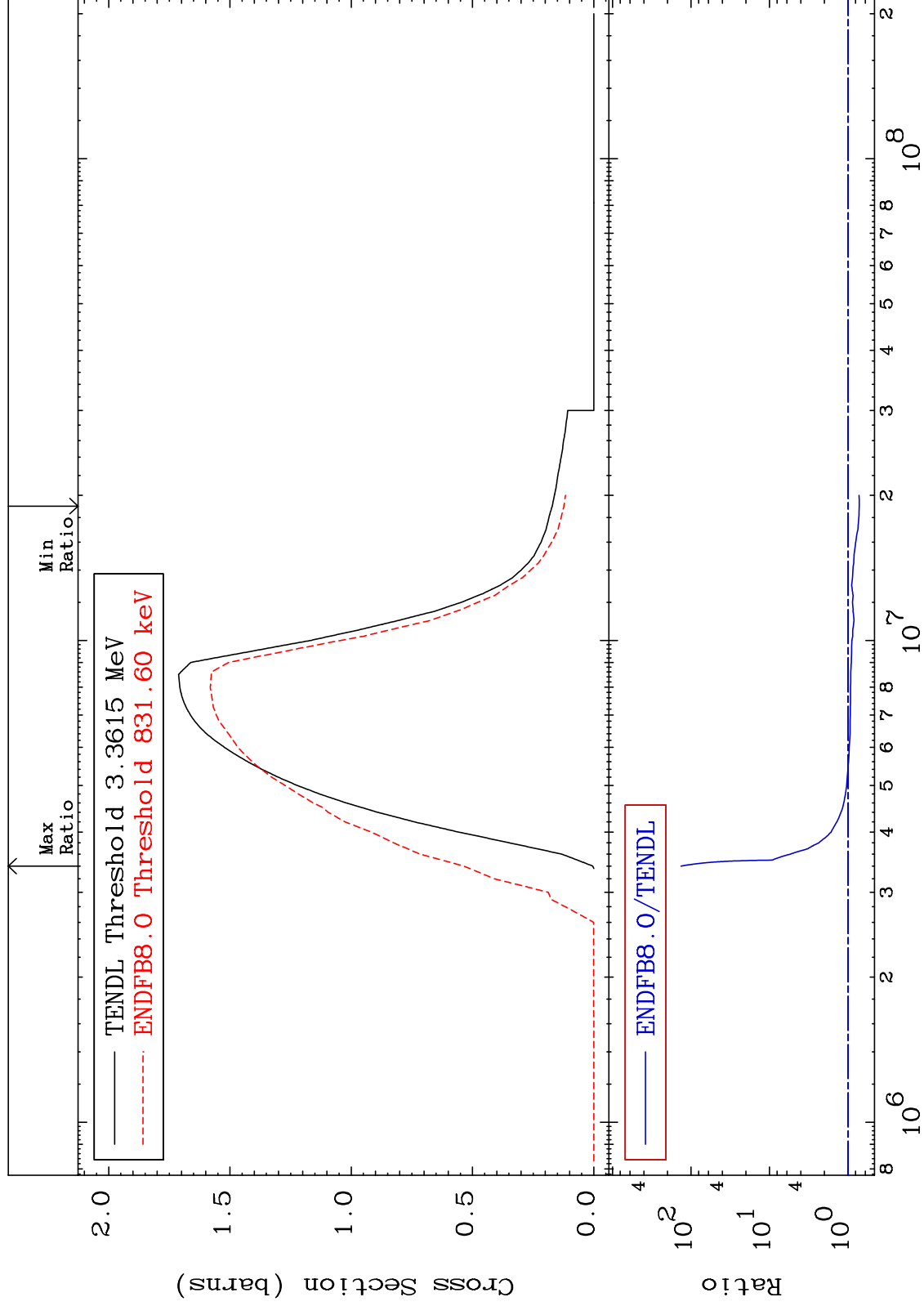
40-Zr-92

40-Zr-92

MAT 4031

(n, n') Continuum  
Cross Section

40-Zr-92  
-28.15 To 9999. %



19

Incident Energy (eV)

40-Zr-92

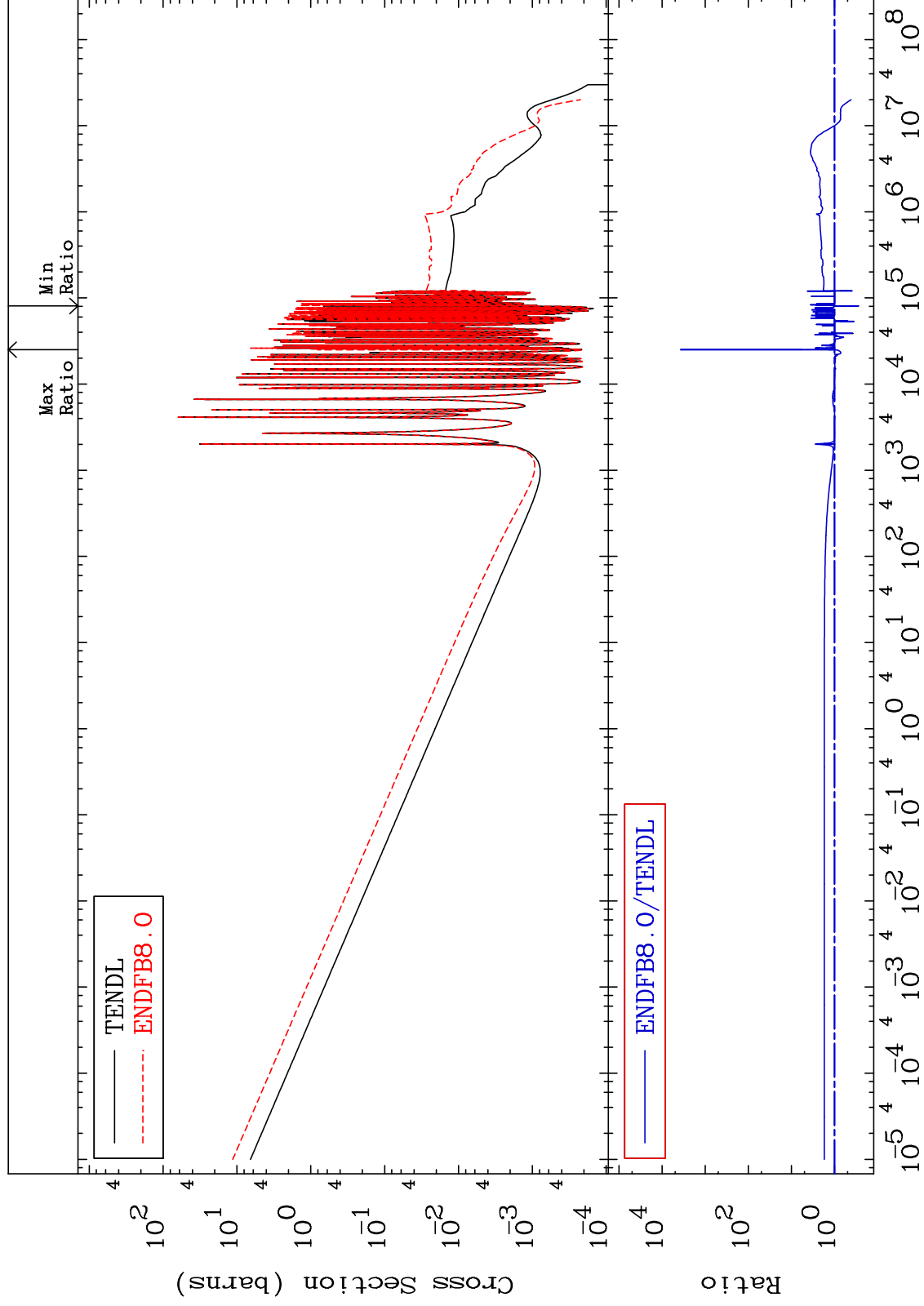
MAT 4031

(n,  $\gamma$ )

40-Zr-92

Cross Section

-72.08 To 9999. %



20

Incident Energy (eV)

40-Zr-92

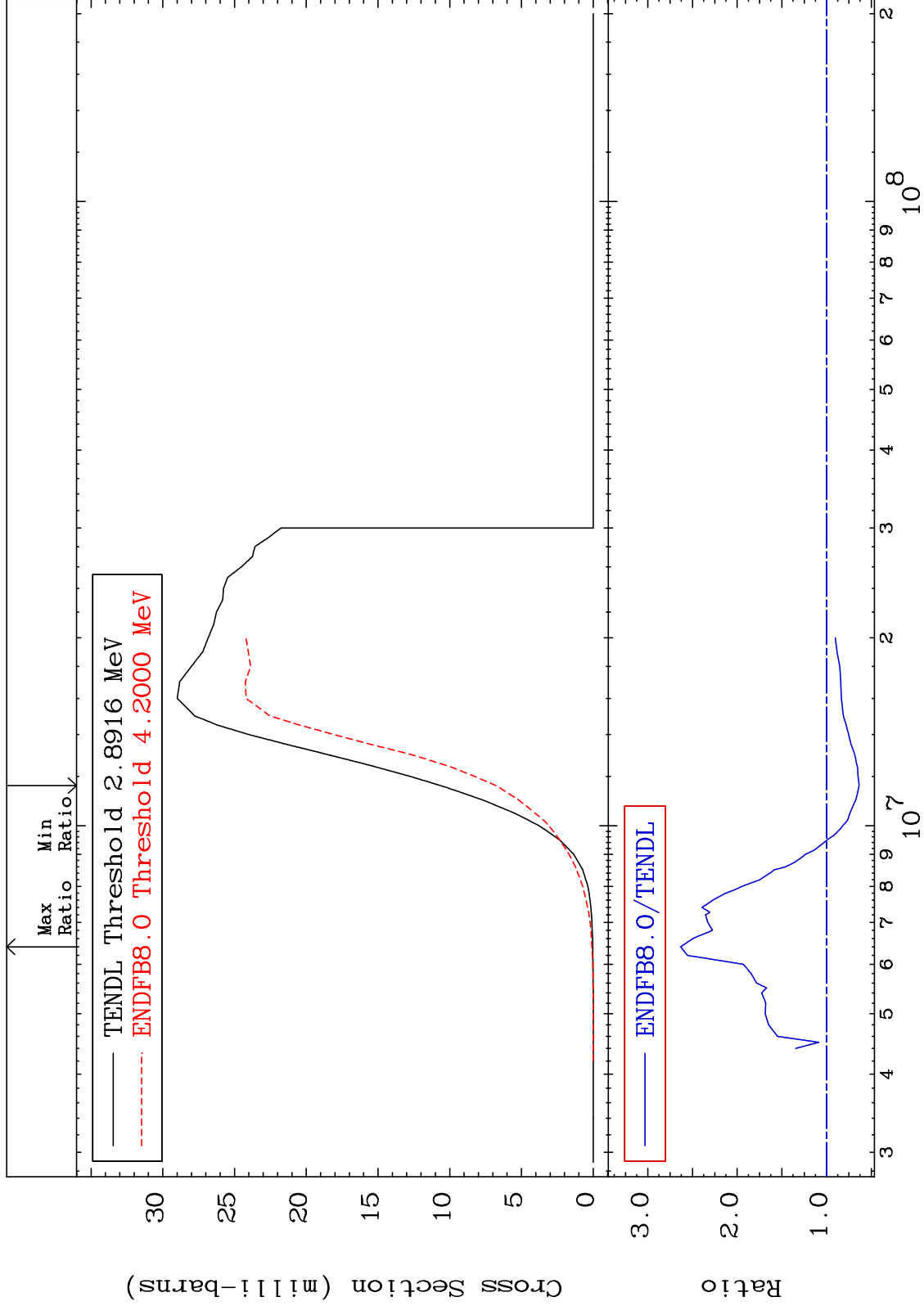
MAT 4031

(n,p)

40-Zr-92

Cross Section

-36.47 To 163.3 %



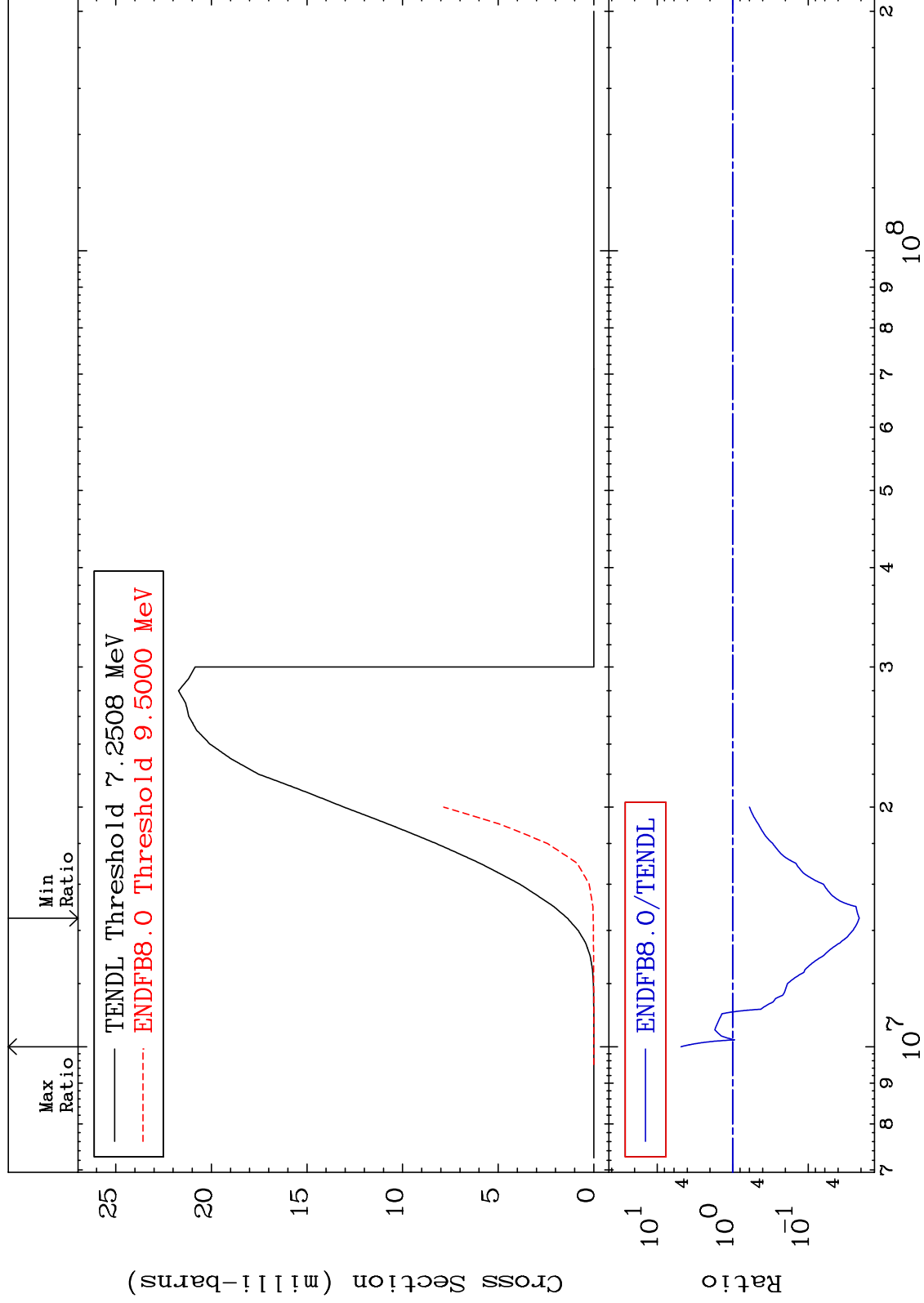
MAT 4031

(n,d)

40-Zr-92

Cross Section

-97.90 To 383.1 %



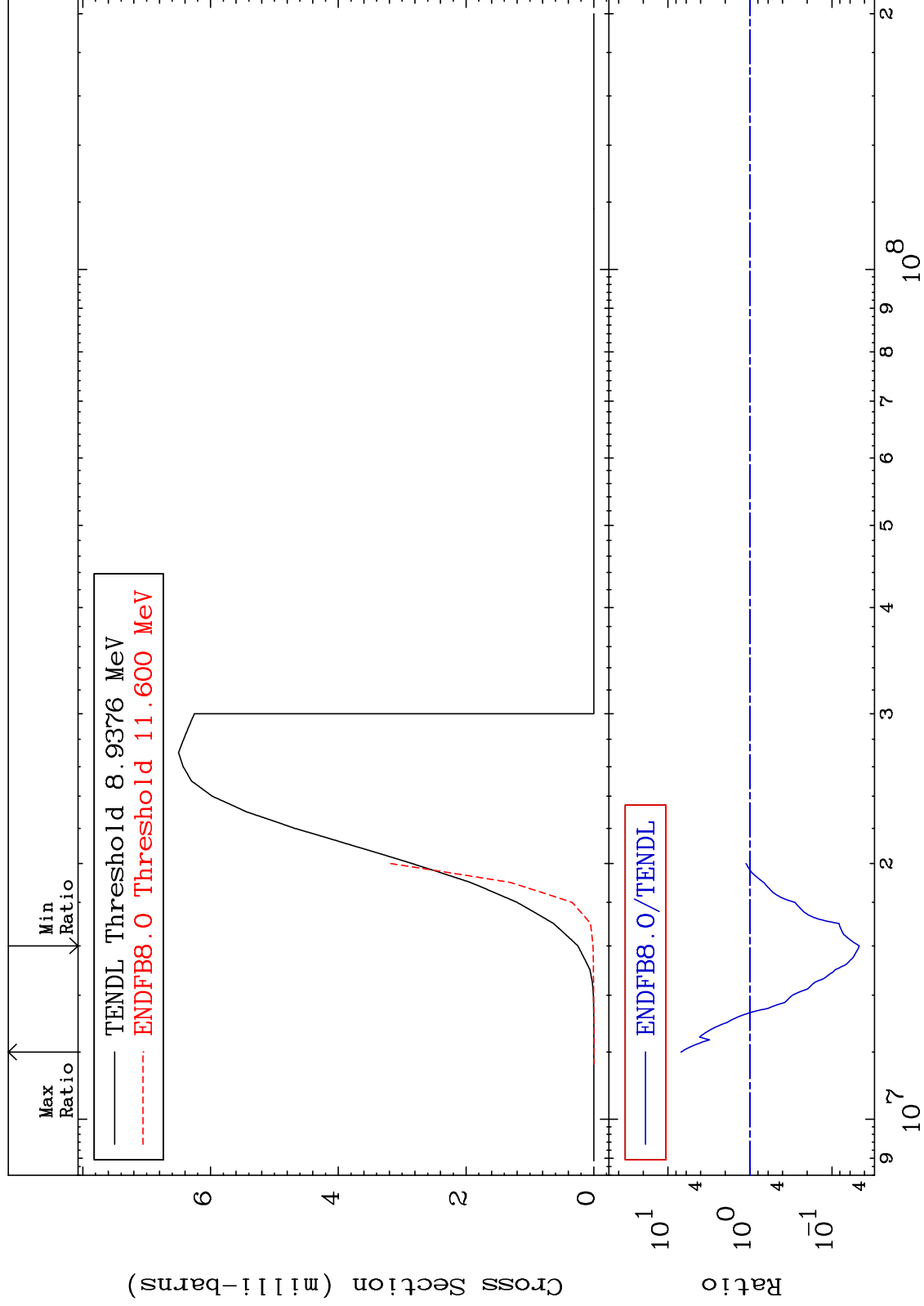
MAT 4031

(n, t)

40-Zr-92

Cross Section

-95.36 To 592.2 %





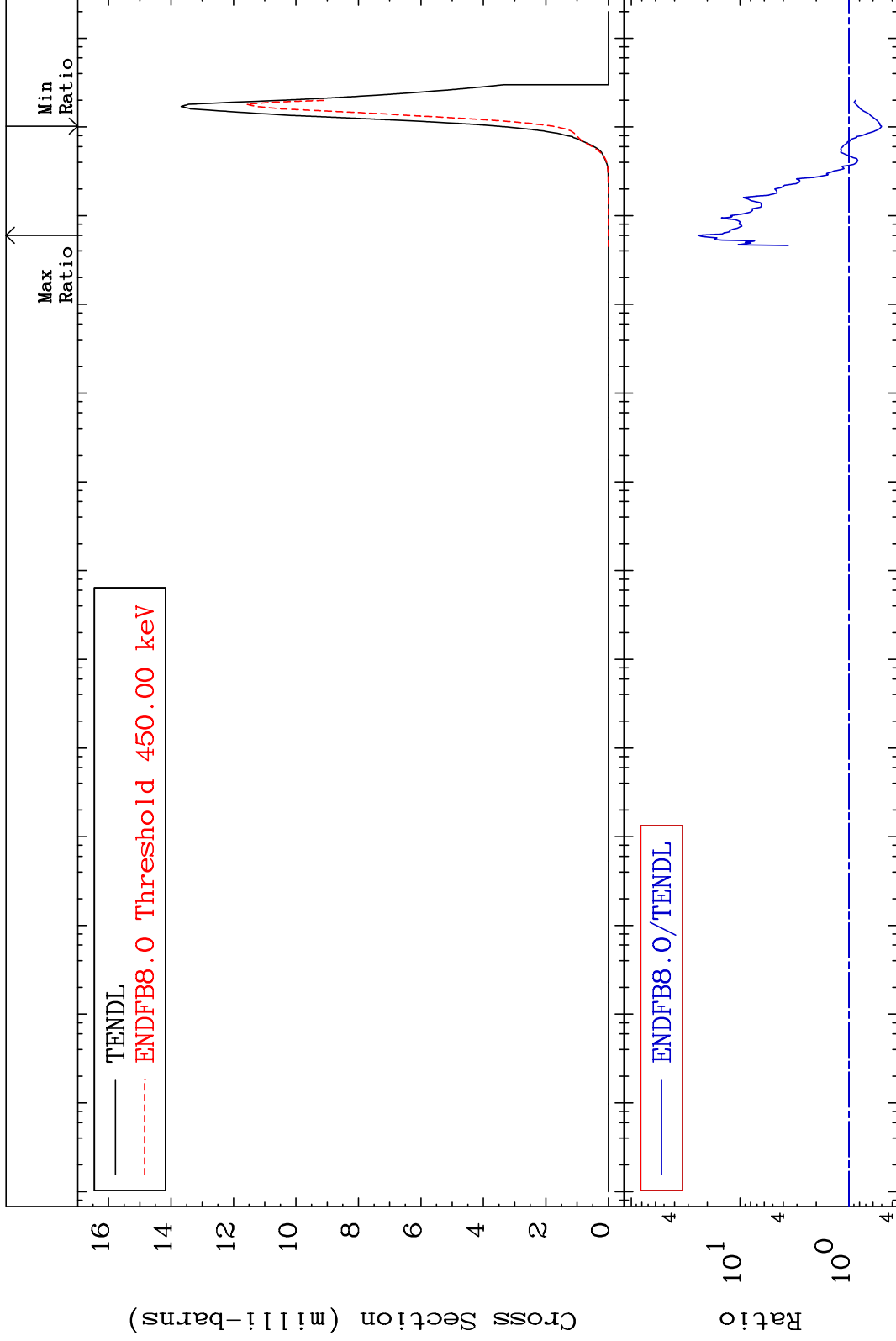
MAT 4031

(n,  $\alpha$ )

40-Zr-92

Cross Section

-49.90 To 2330. %



Incident Energy (eV)

40-Zr-92

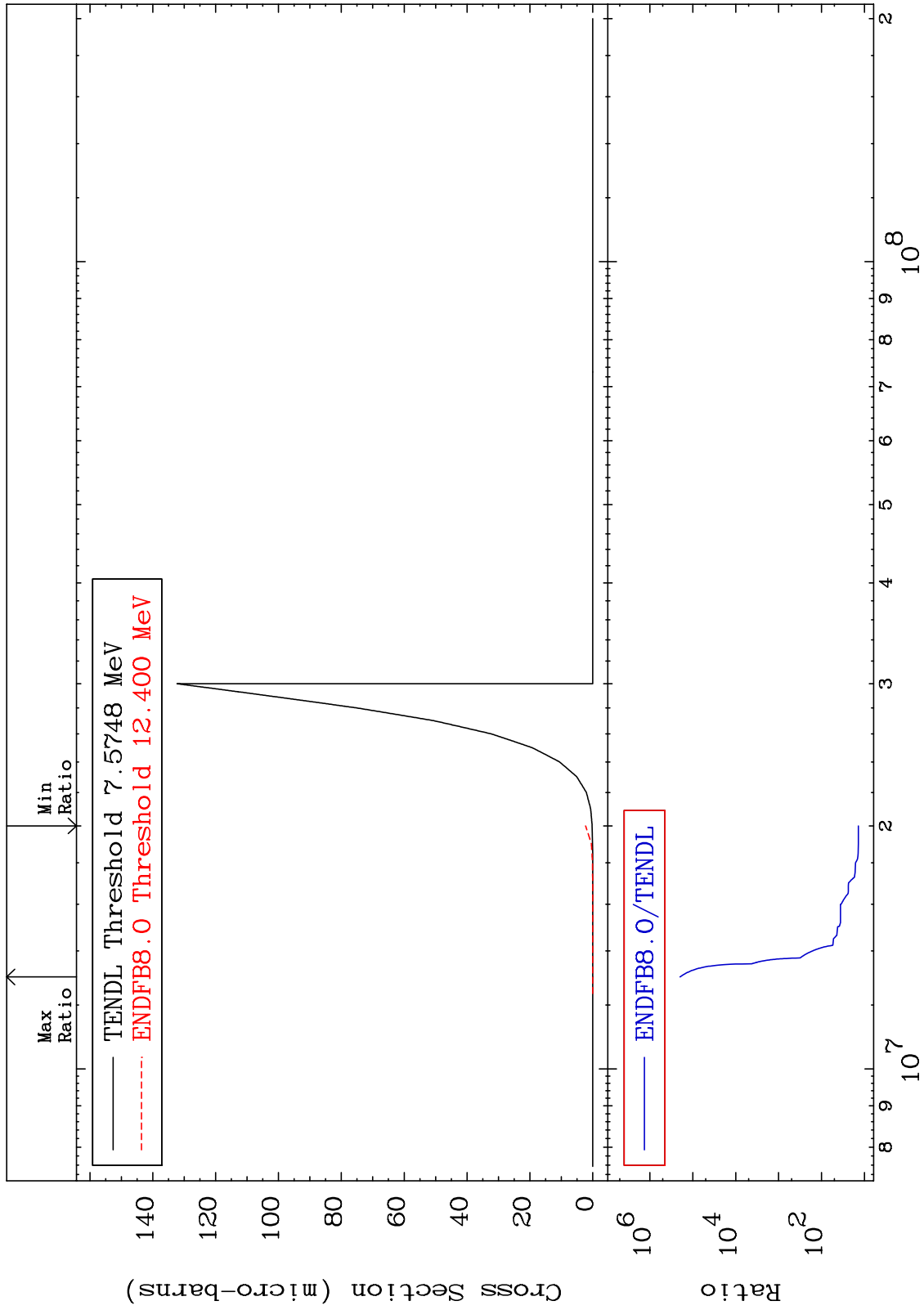
MAT 4031

(n,p)  $\alpha$

40-Zr-92

Cross Section

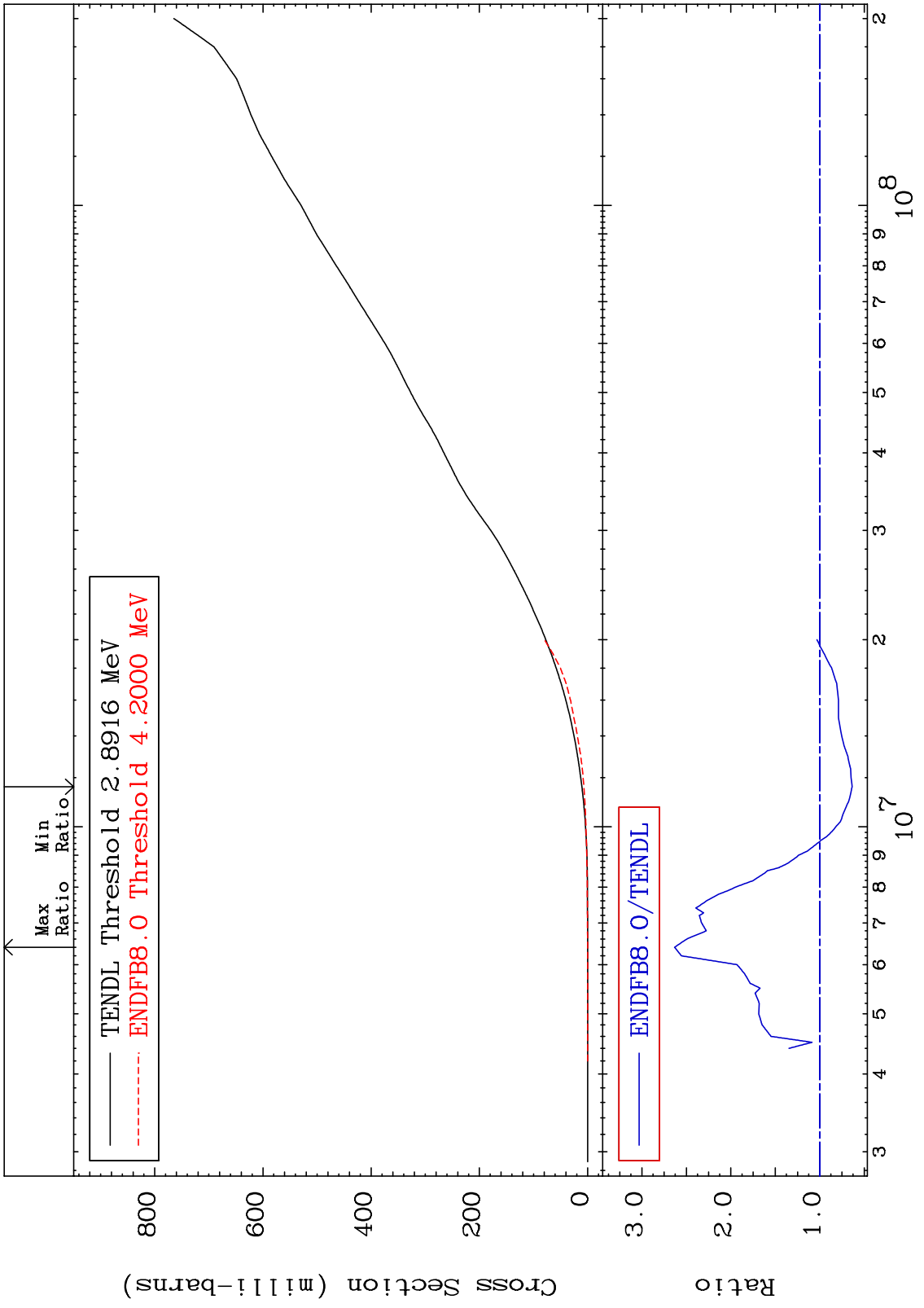
1282. To 9999. %



MAT 4031

Hydrogen Production  
Cross Section

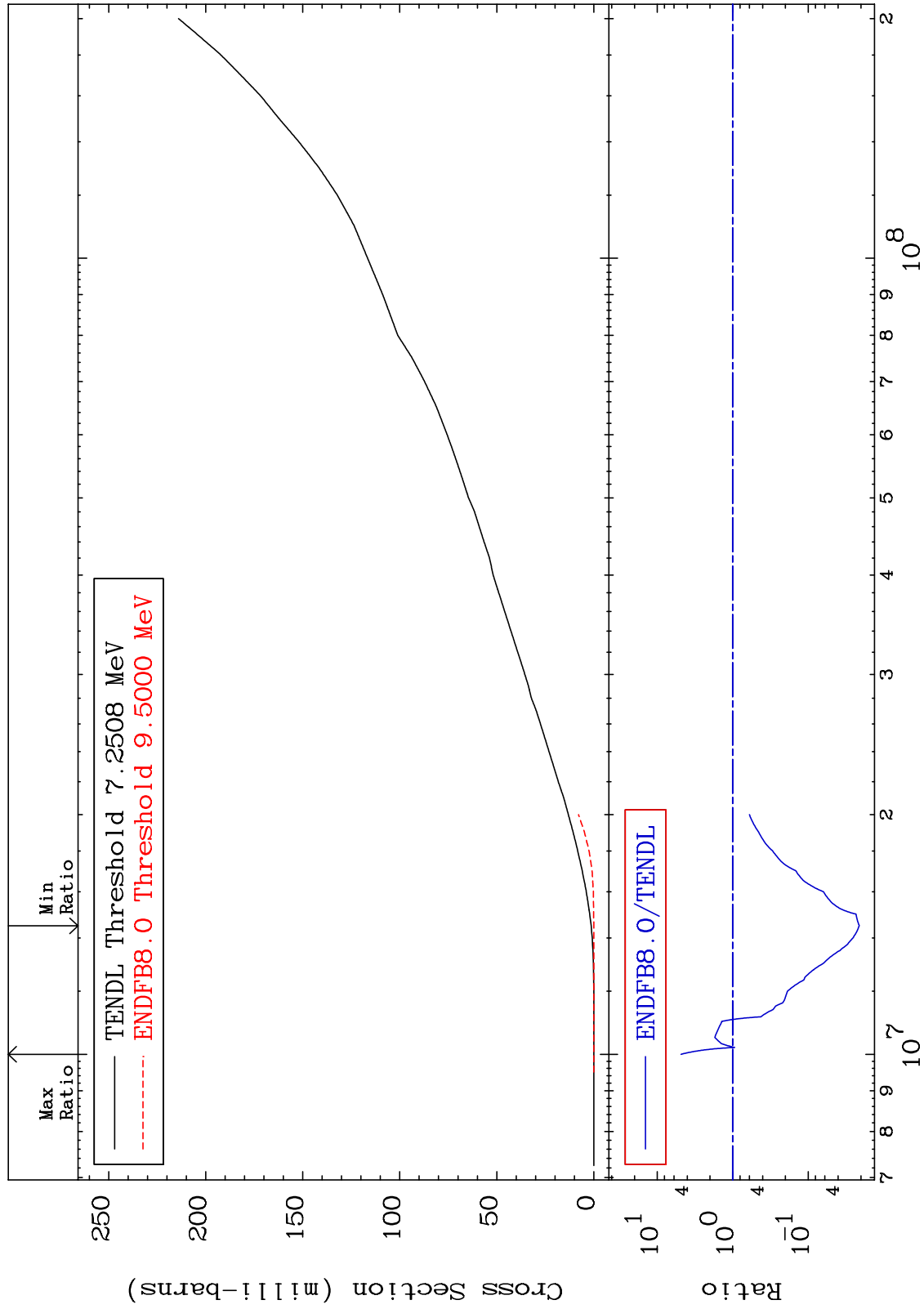
40-Zr-92  
-36.46 To 163.3 %



MAT 4031

Deuterium Production  
Cross Section

40-Zr-92  
-97.90 To 383.1 %



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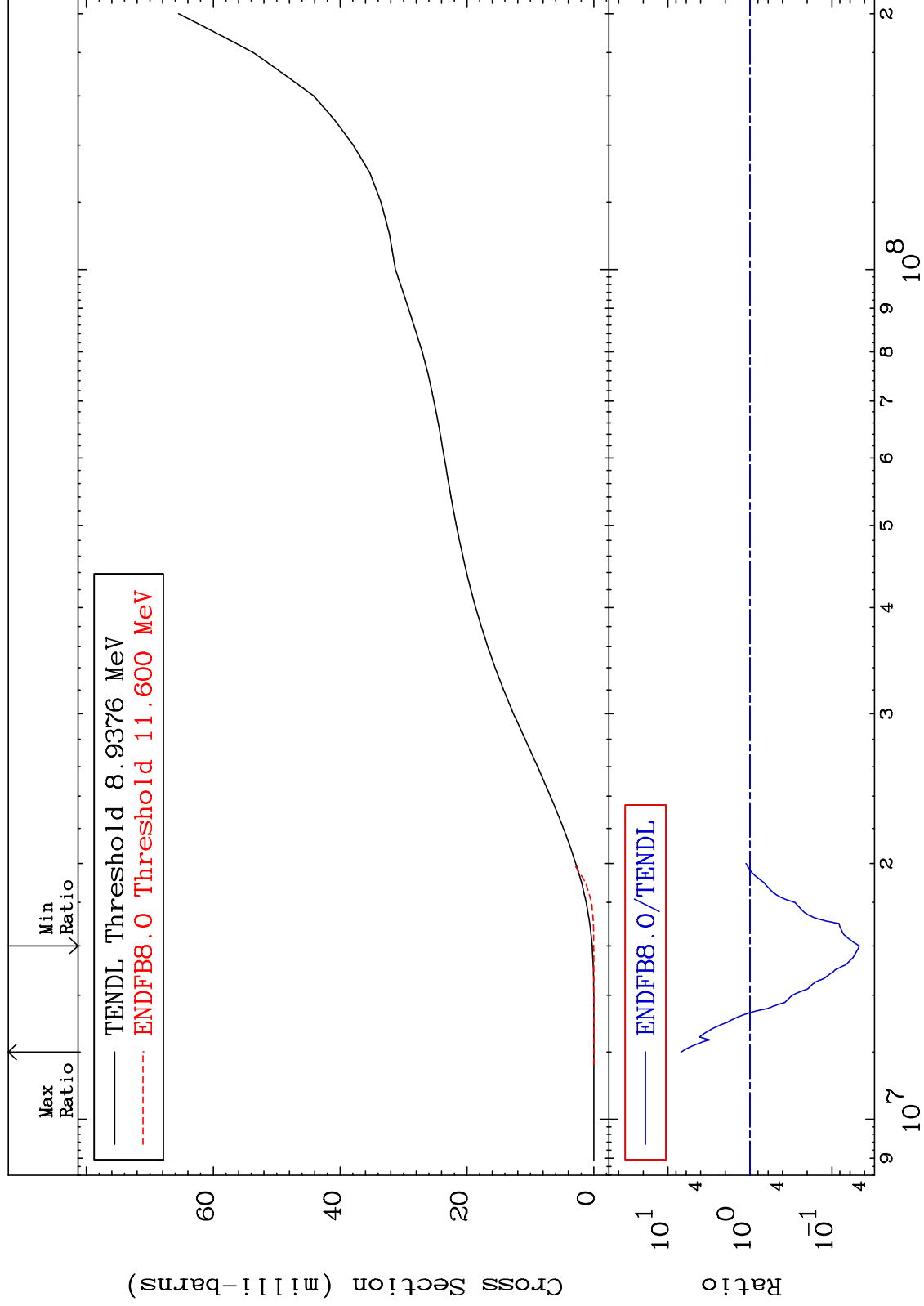
Incident Energy (eV)

40-Zr-92

MAT 4031

Tritium Production  
Cross Section

40-Zr-92  
-95.36 To 592.2 %



28

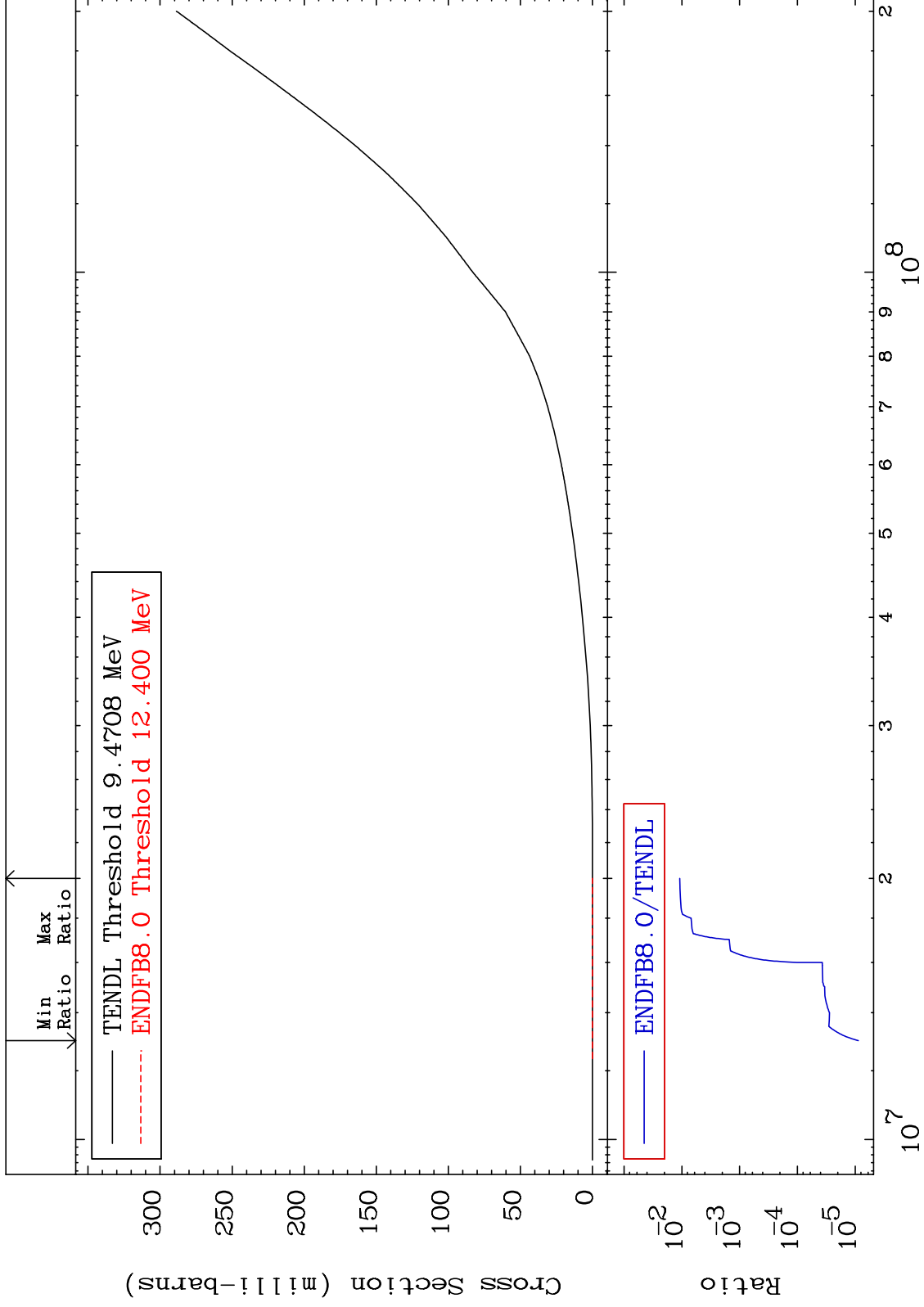
Incident Energy (eV)

40-Zr-92

MAT 4031

He-3 Production  
Cross Section

40-Zr-92  
-100.0 To -98.92%



29

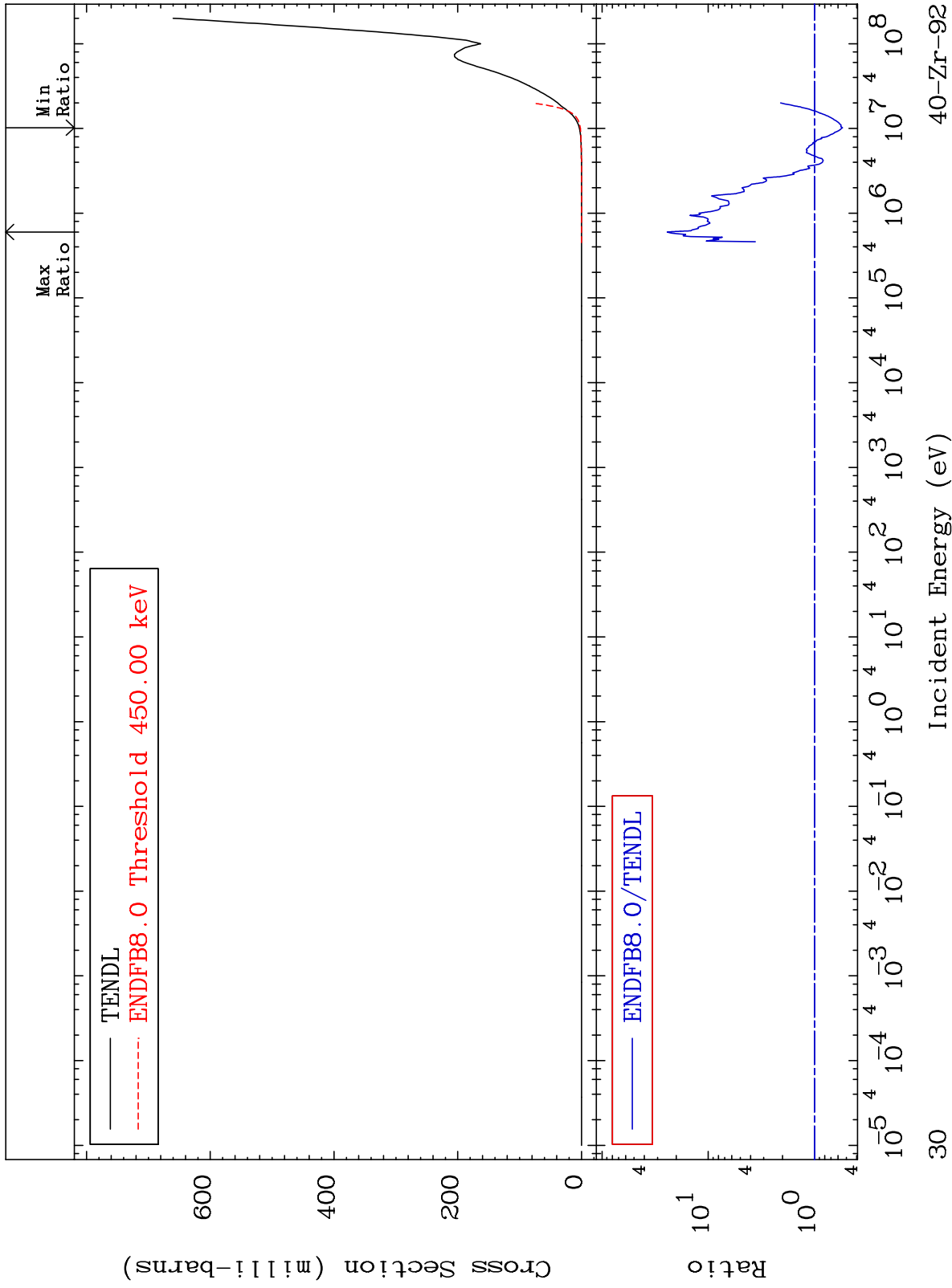
Incident Energy (eV)

40-Zr-92

MAT 4031

He-4 Production  
Cross Section

40-Zr-92  
-45.67 To 2330. %



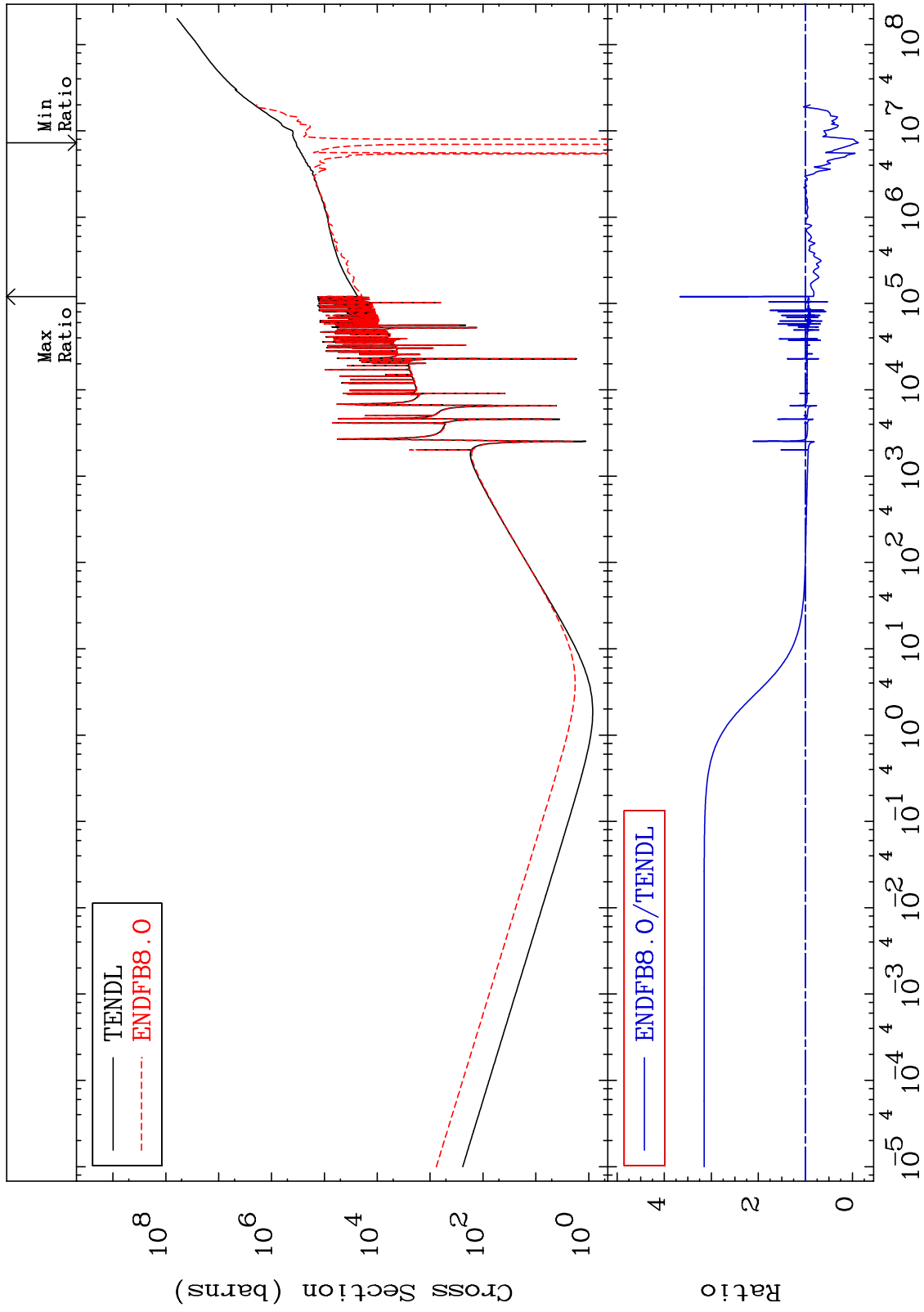
30

40-Zr-92

MAT 4031

Kerma total (eV-barns)  
Cross Section

40-Zr-92  
-112.6 To 266.5 %



31

Incident Energy (eV)

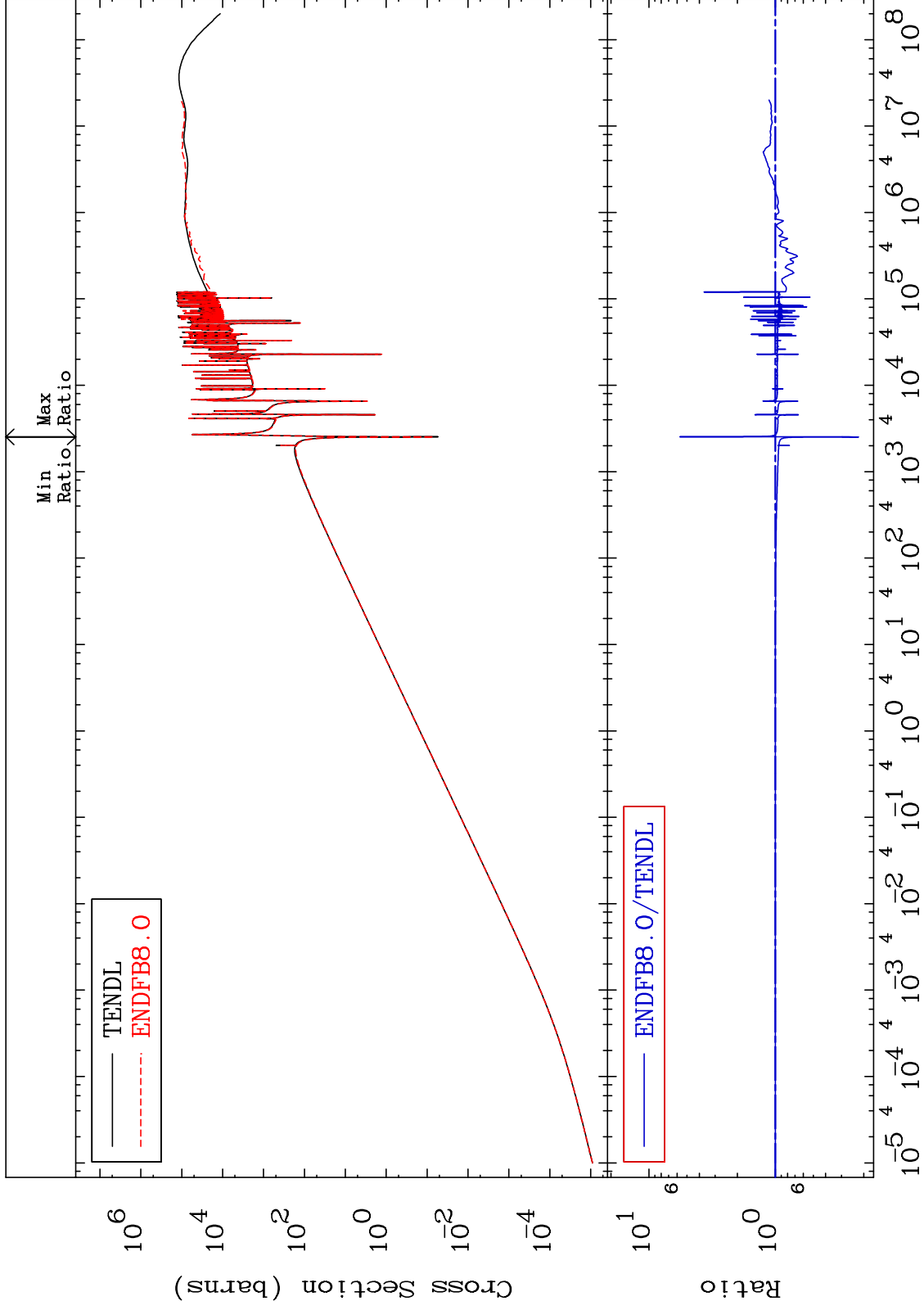
40-Zr-92



MAT 4031

Kerma elastic  
Cross Section

40-Zr-92  
-77.96 To 470.4 %



32

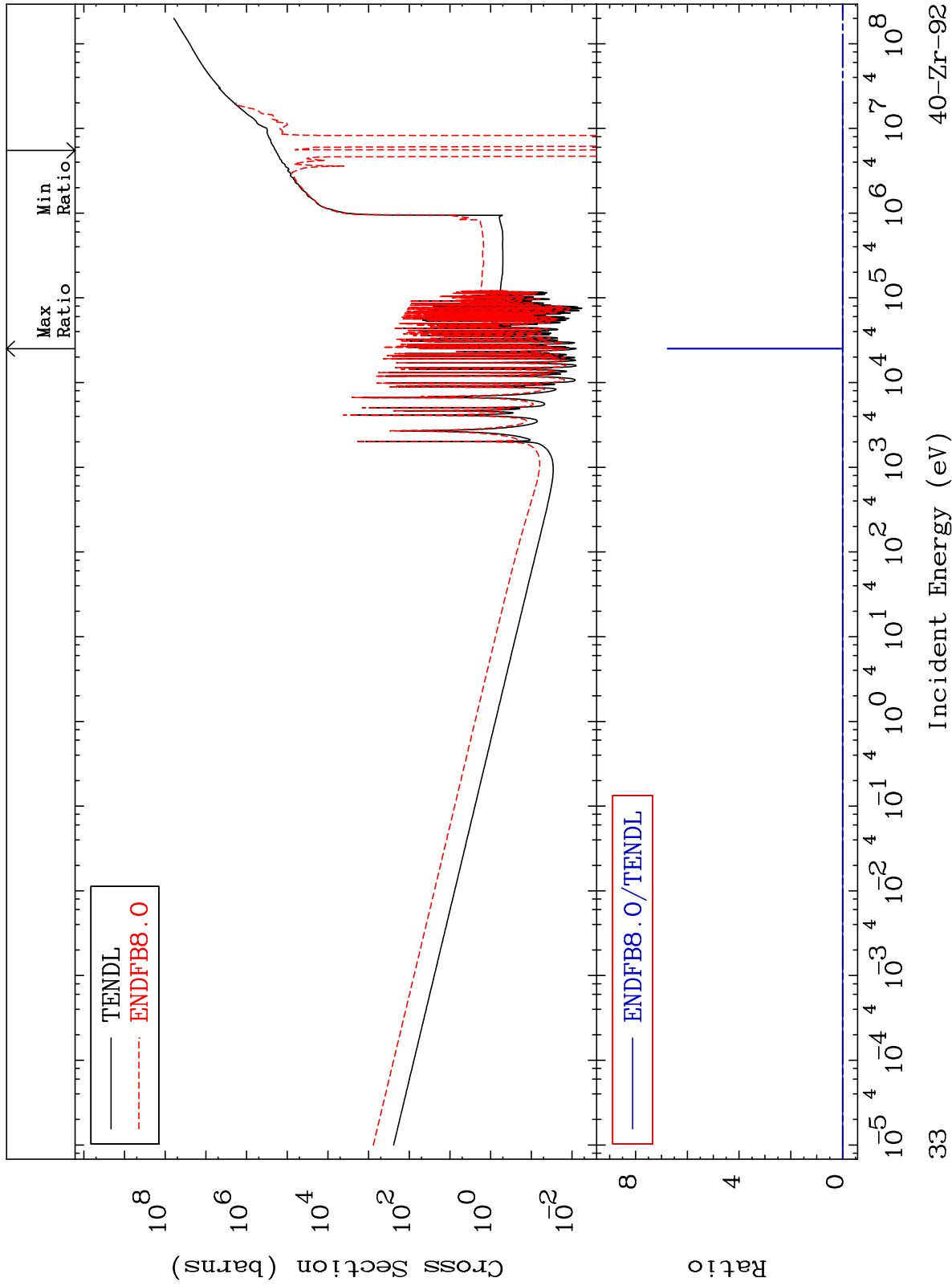
Incident Energy (eV)

40-Zr-92

MAT 4031

Kerma non-elastic (all but mt2)  
Cross Section

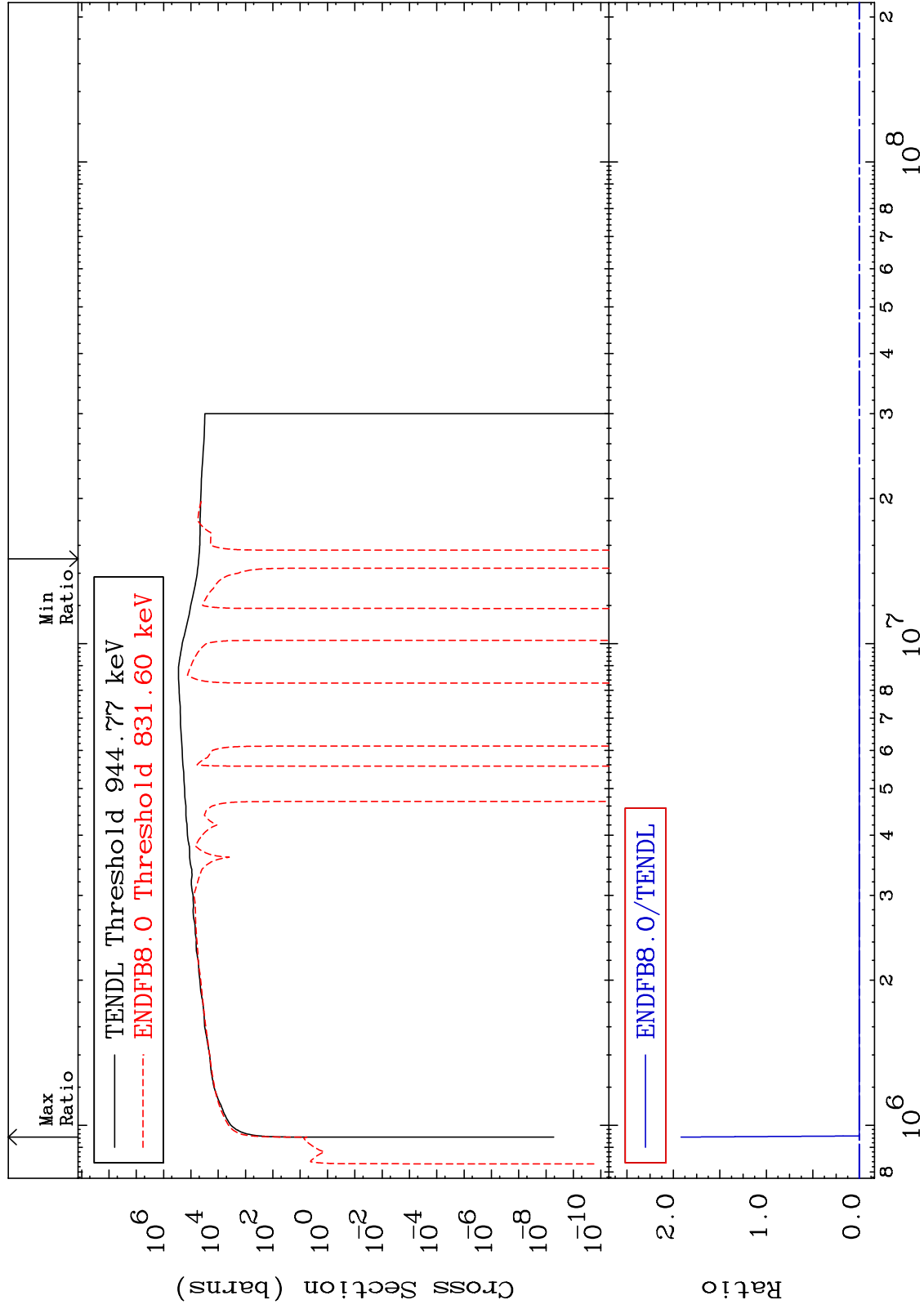
40-Zr-92  
-158.8 To 9999. %



MAT 4031

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-92  
-163.1 To 9999. %



34

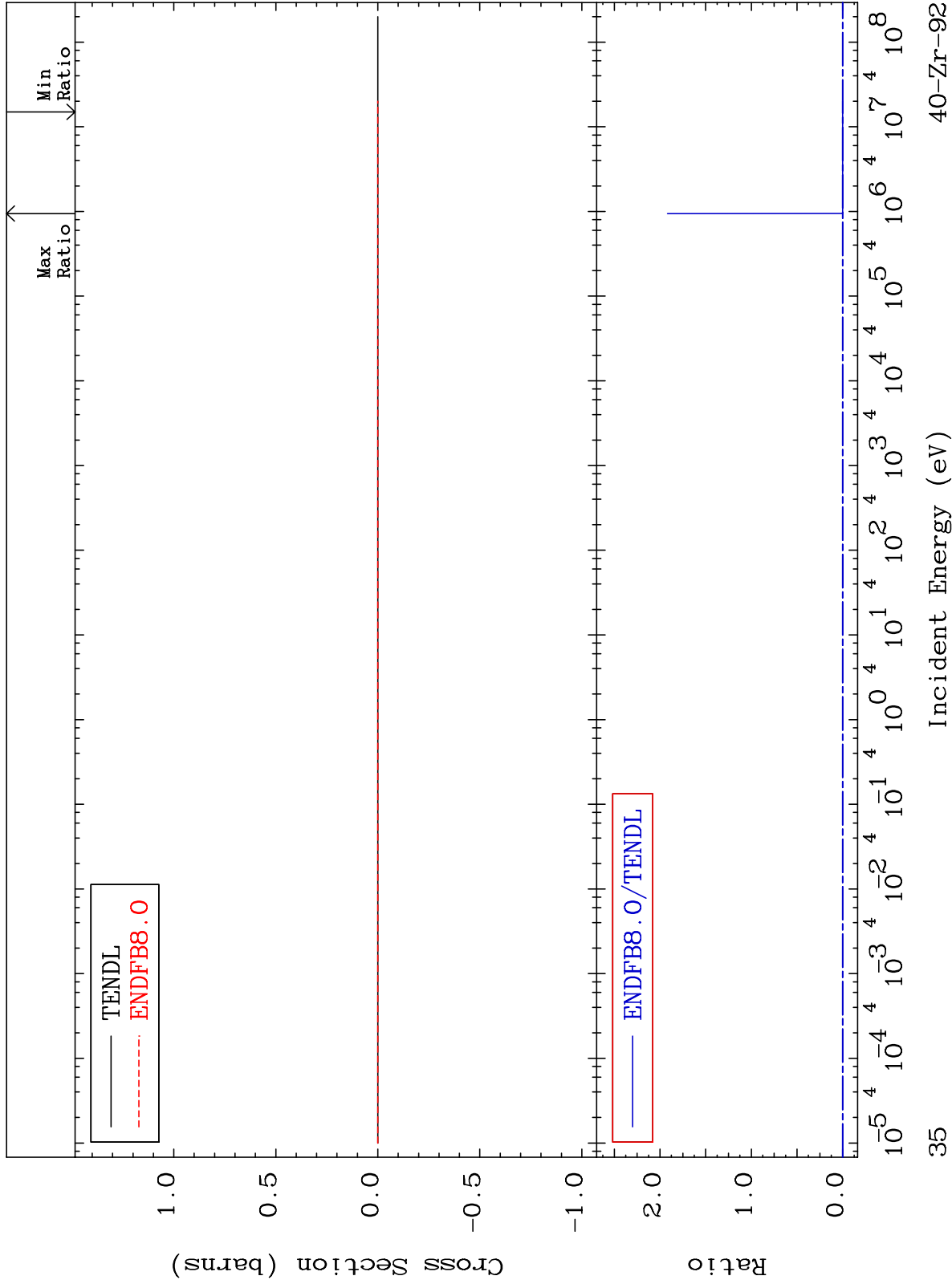
Incident Energy (eV)

40-Zr-92

MAT 4031

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

40-Zr-92  
-163.1 To 9999. %



35

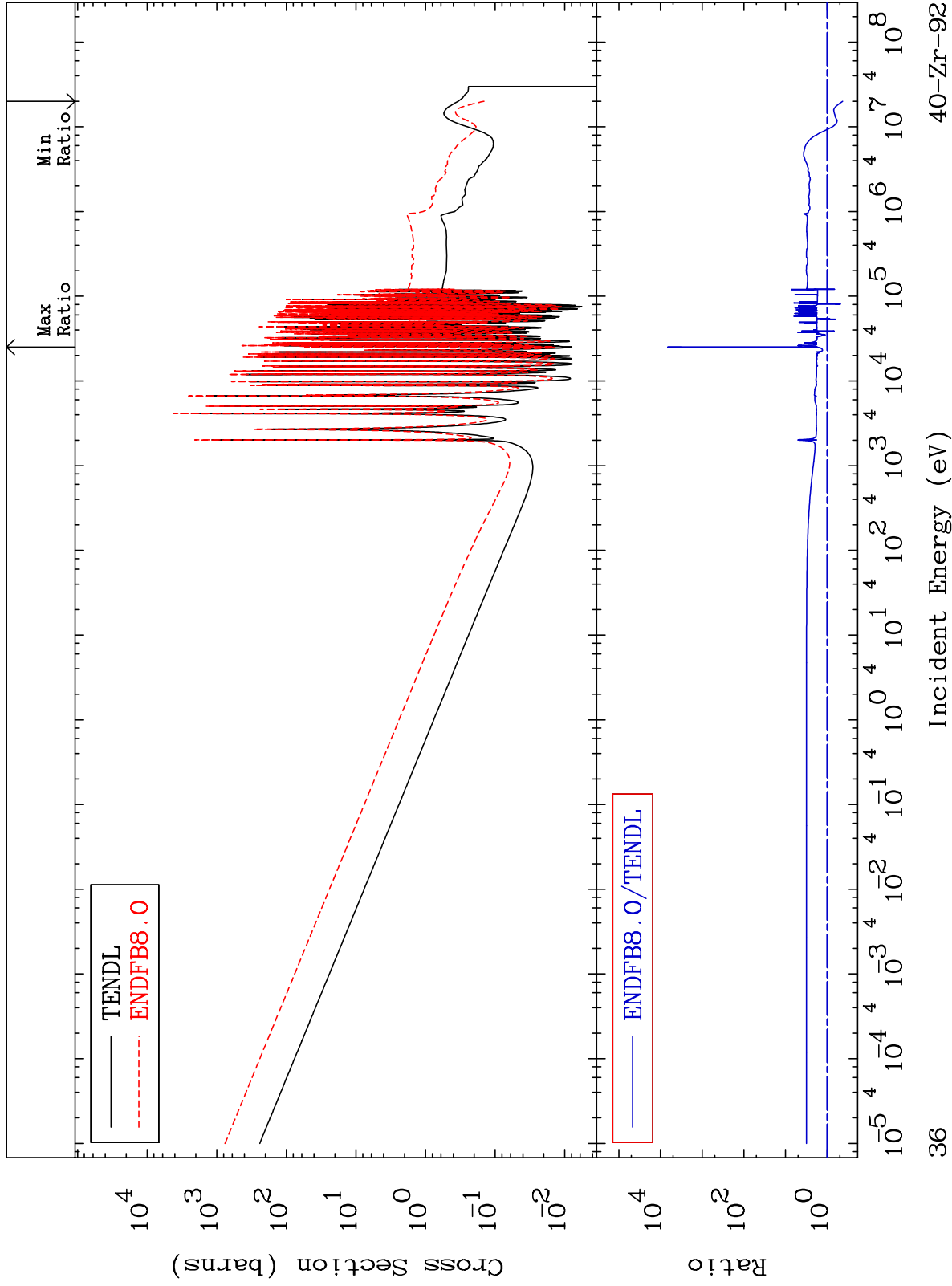
Incident Energy (eV)

40-Zr-92

MAT 4031

Kerma capture (mt102)  
Cross Section

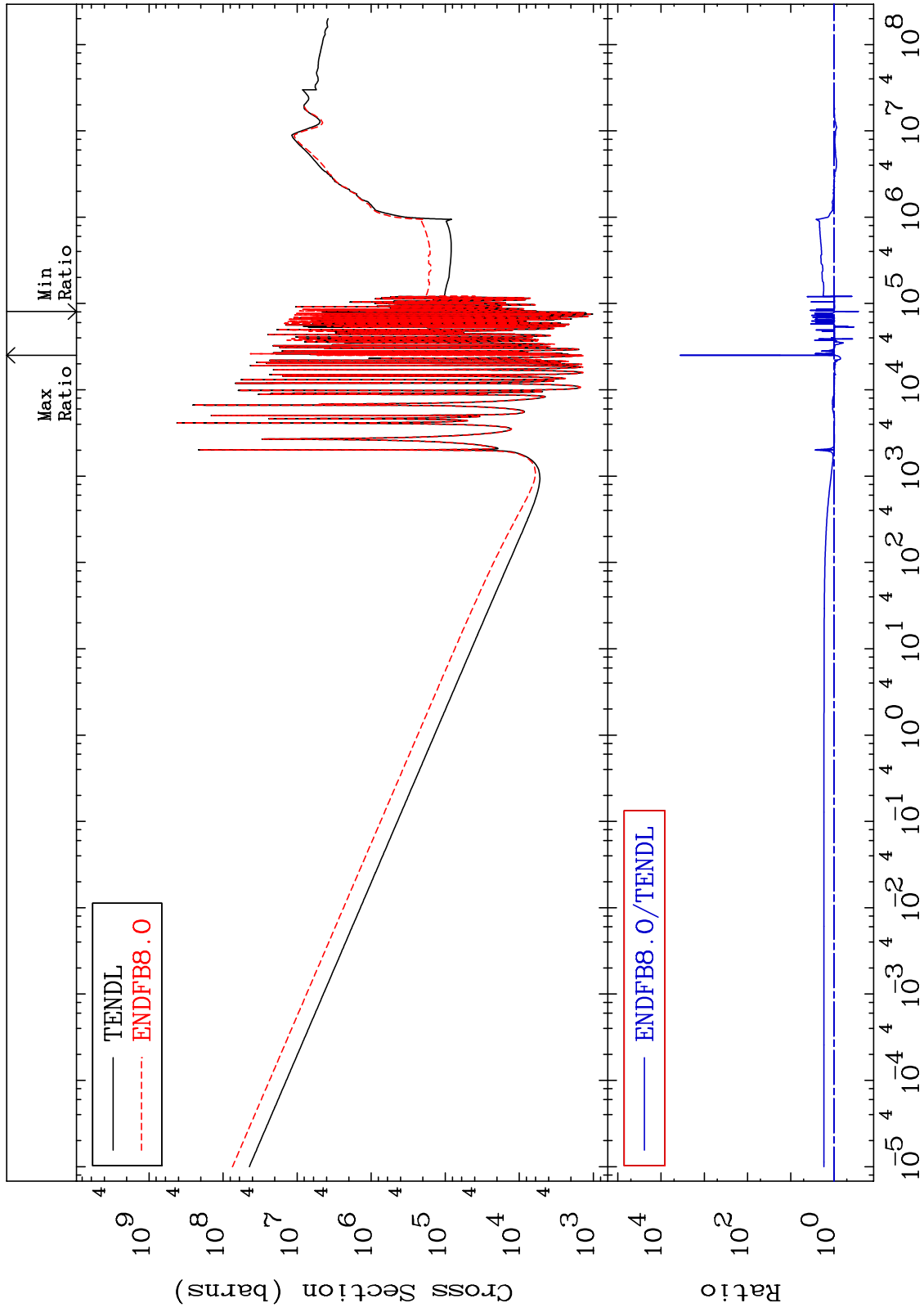
40-Zr-92  
-57.47 To 9999. %



MAT 4031

Total photon (eV-barns)  
Cross Section

40-Zr-92  
-73.03 To 9999. %



37

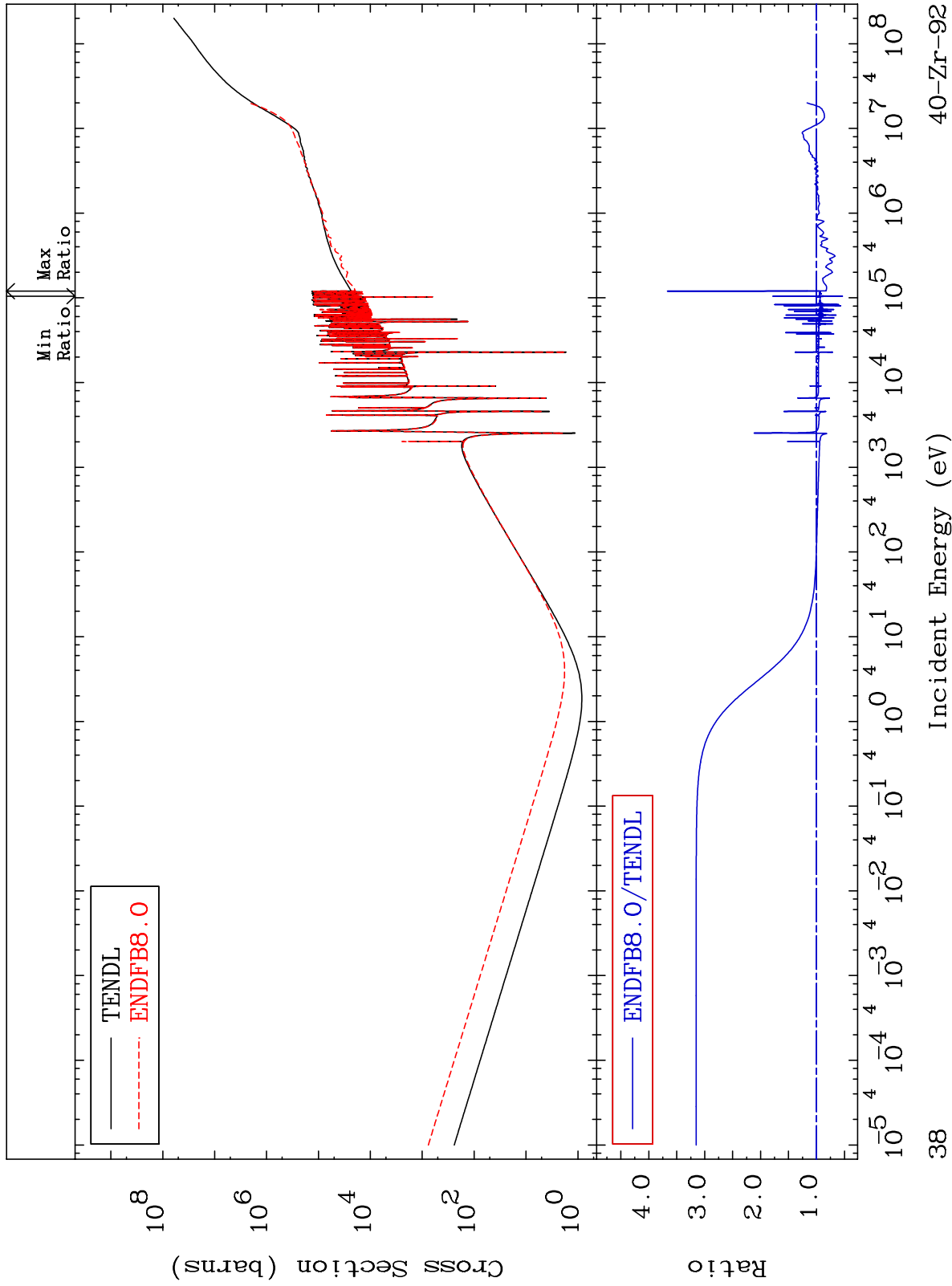
Incident Energy (eV)

40-Zr-92

MAT 4031

Total kinematic kerma (high limit)  
Cross Section

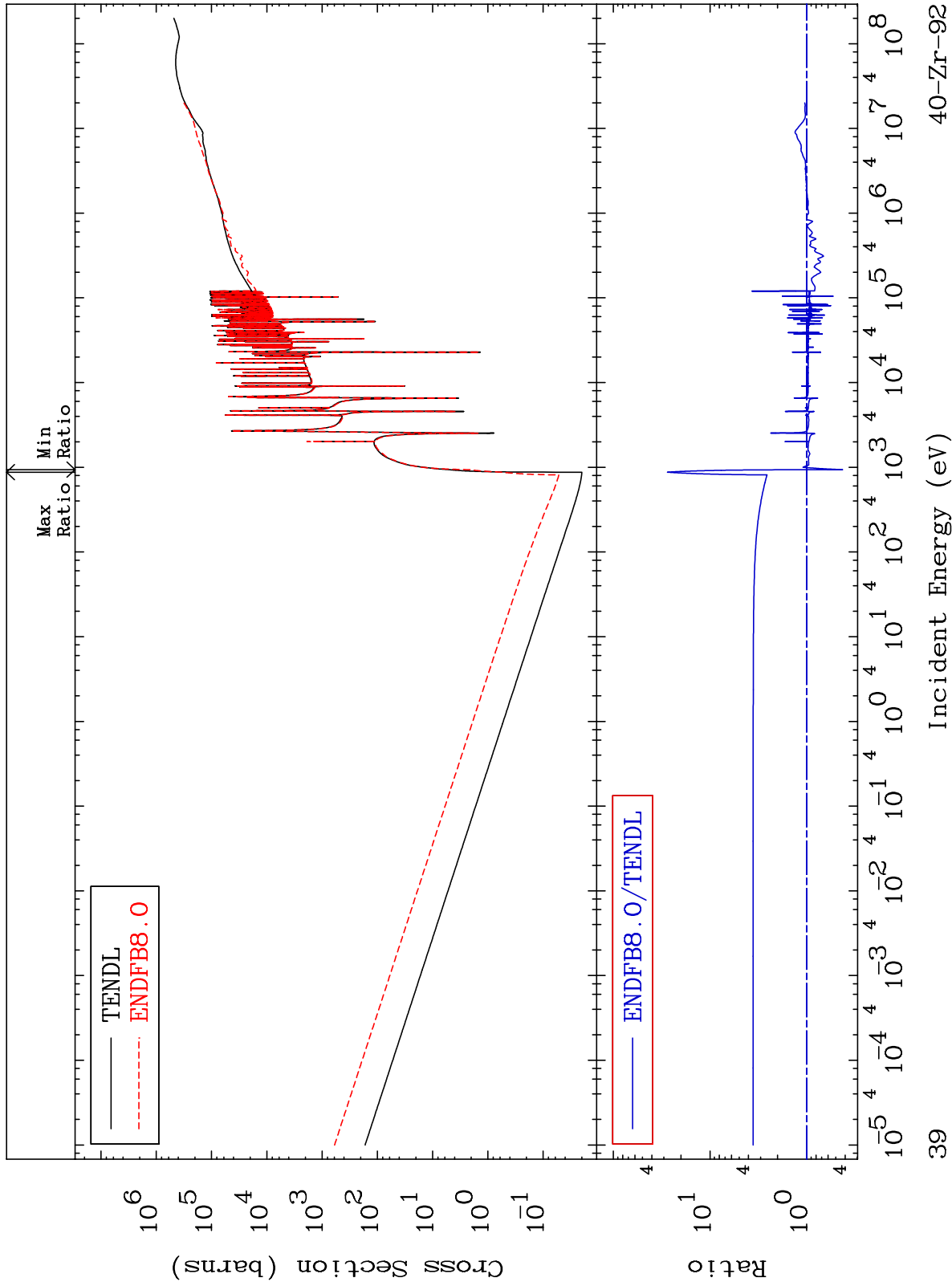
40-Zr-92  
-46.80 To 266.5 %



MAT 4031

Dpa total (eV-barns)  
Cross Section

40-Zr-92  
-57.61 To 2653. %

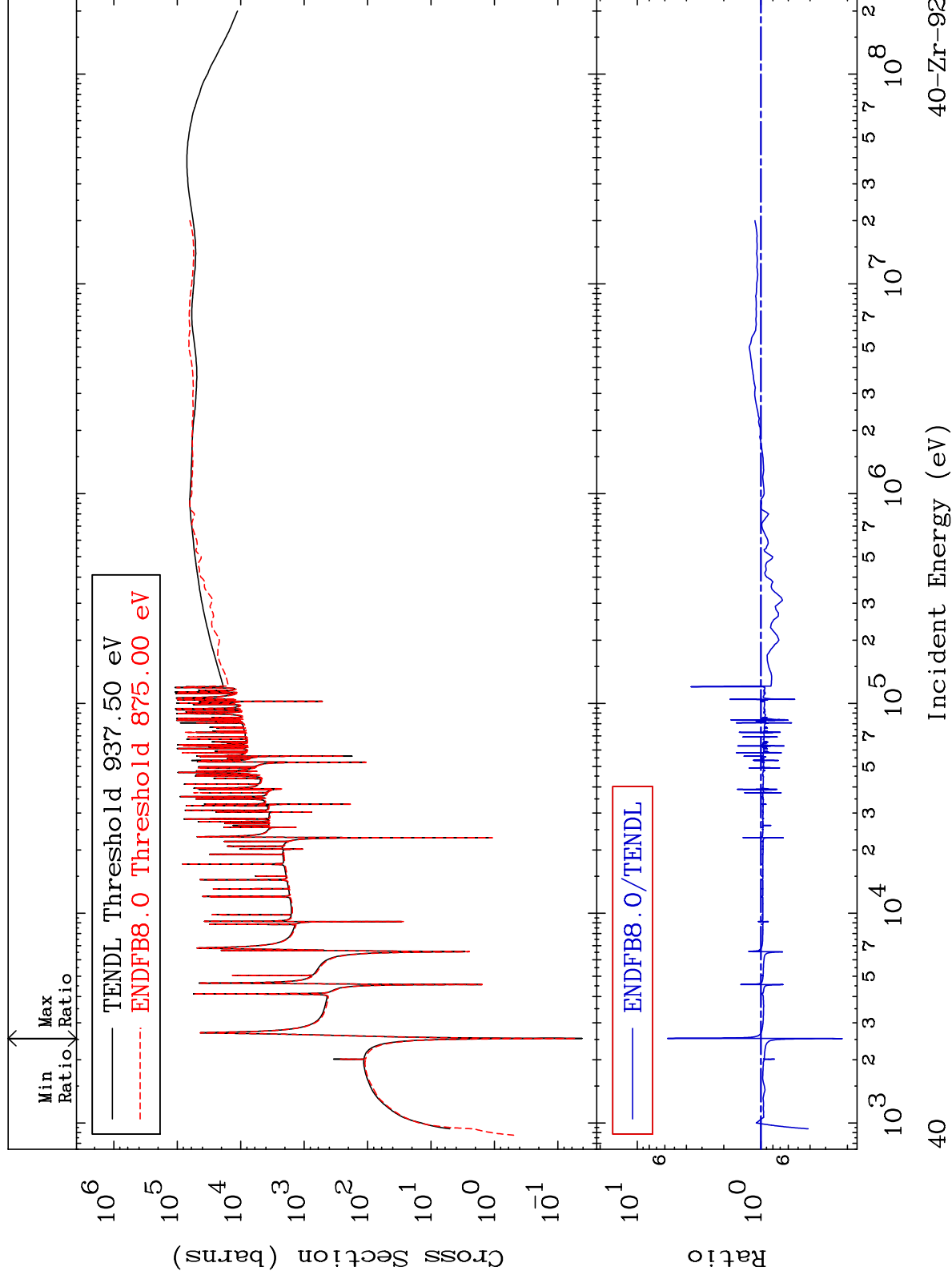




MAT 4031

Dpa elastic (mt2)  
Cross Section

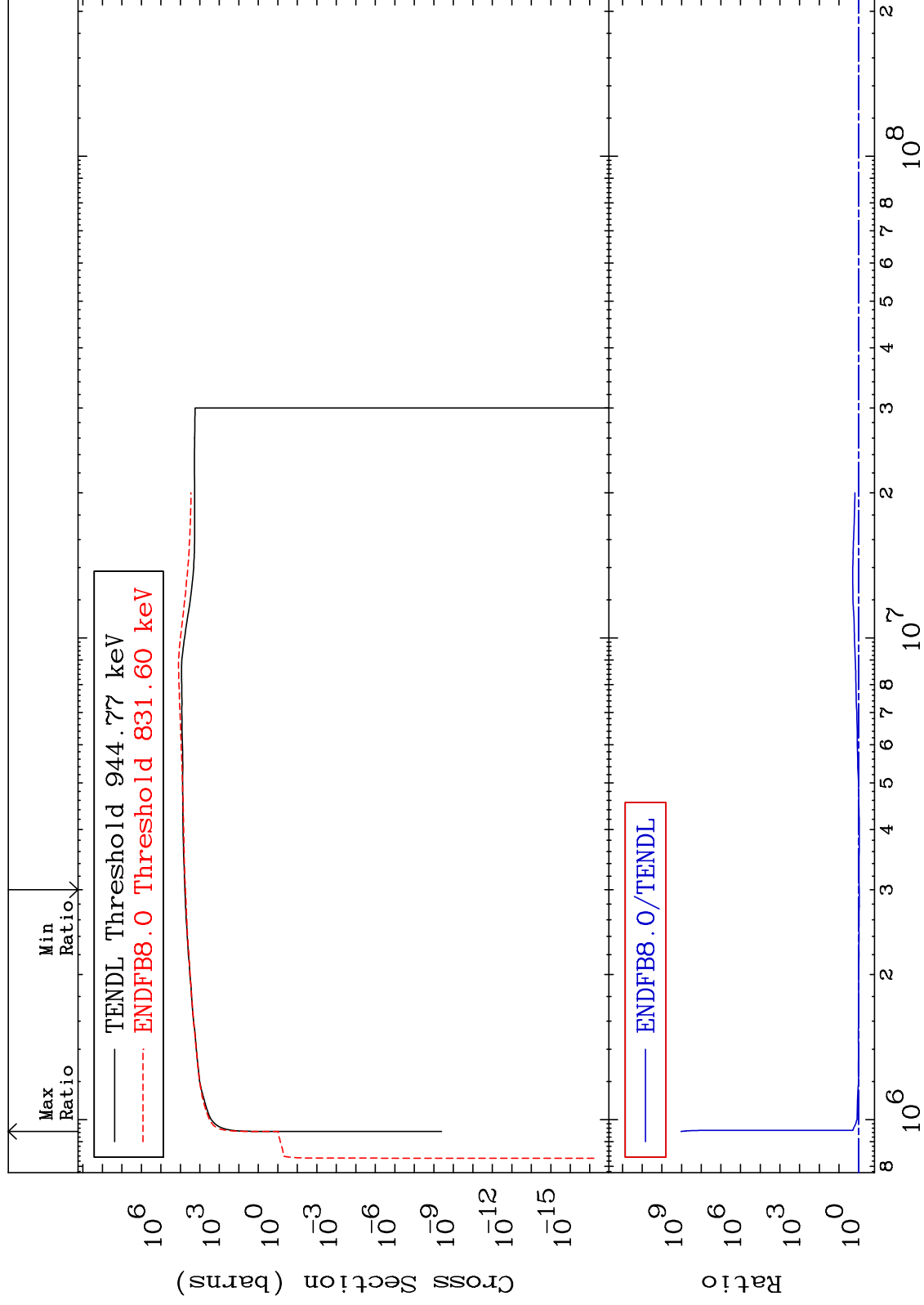
40-Zr-92  
-77.97 To 470.2 %



MAT 4031

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-92  
-7.572 To 9999. %

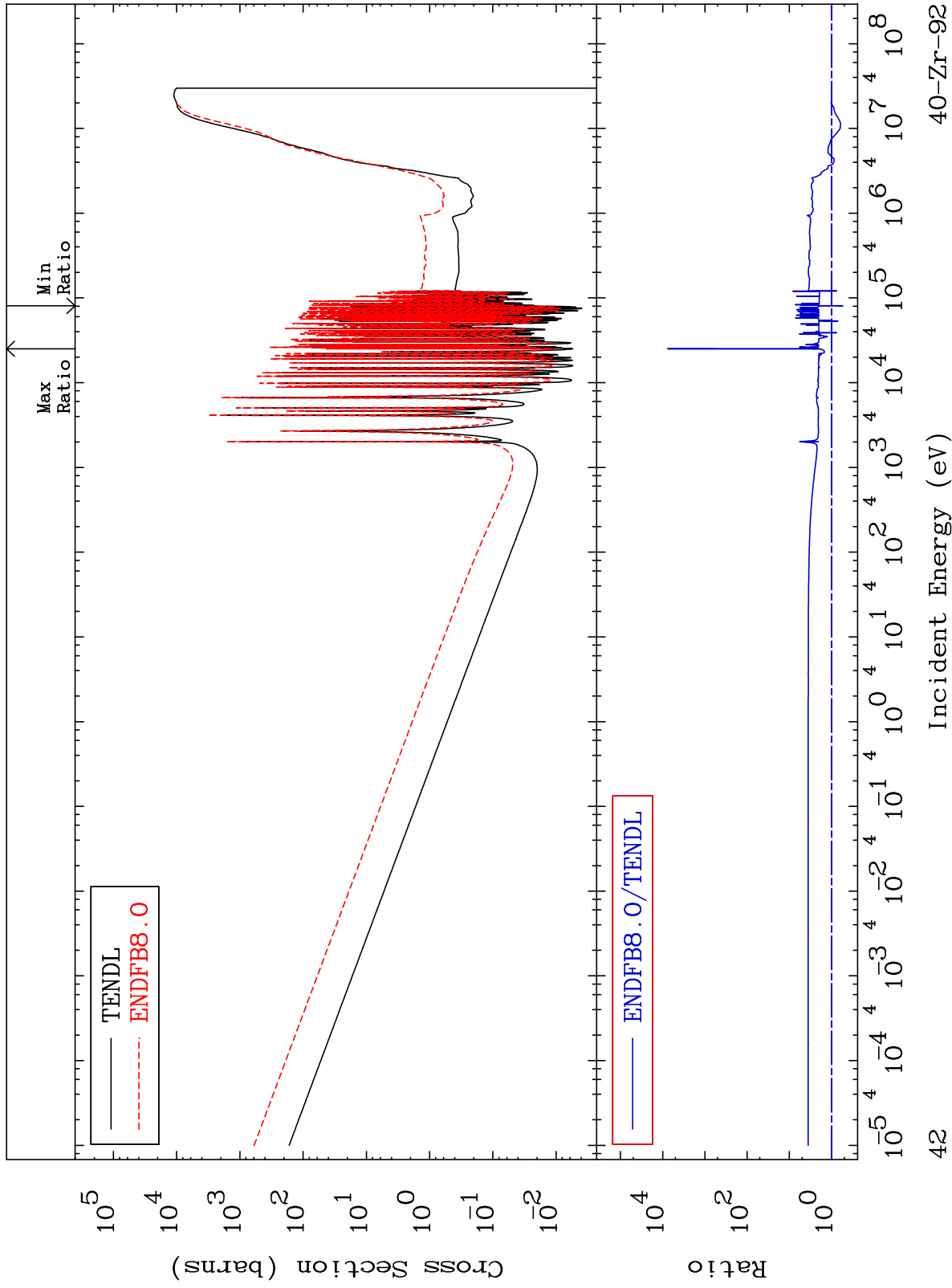


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MAT 4031

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-92  
-45.30 To 9999. %



42

Incident Energy (eV)

40-Zr-92