

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

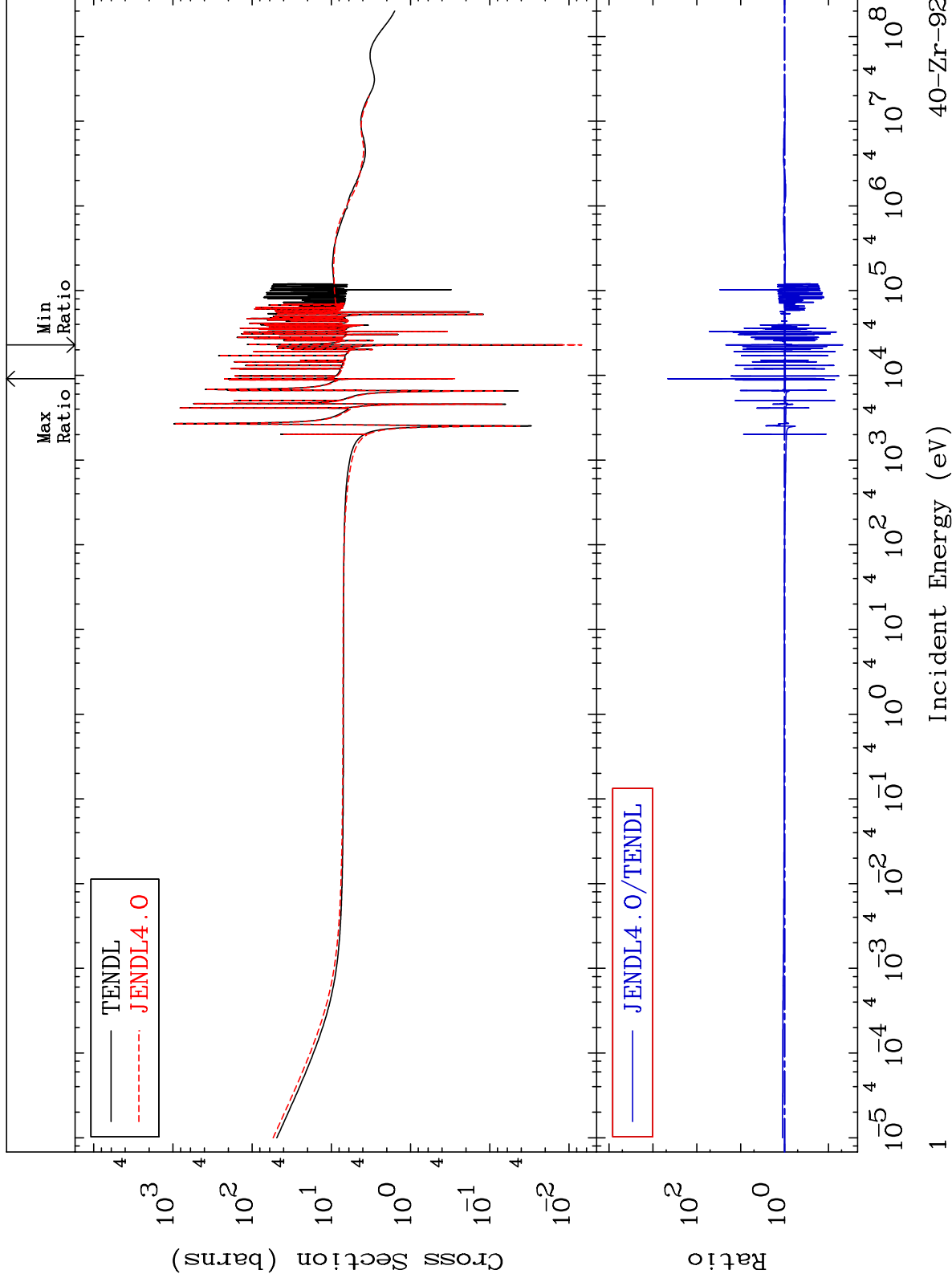
MAT 4031

Total

40-Zr-92

Cross Section

-95.27 To 9999. %



40-Zr-92

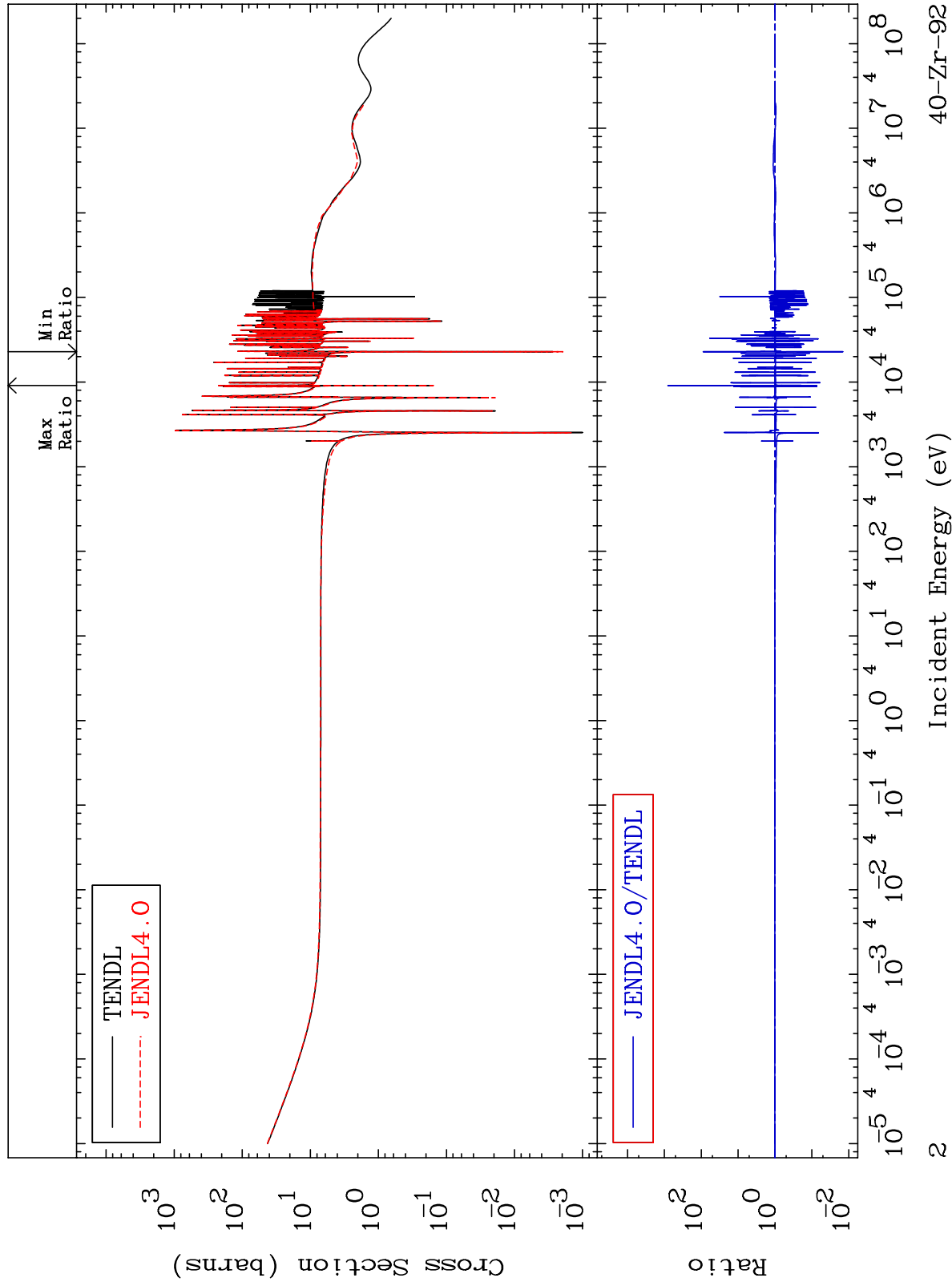
Incident Energy (eV)

1

MAT 4031

Elastic  
Cross Section

40-Zr-92  
-98.56 To 9999. %



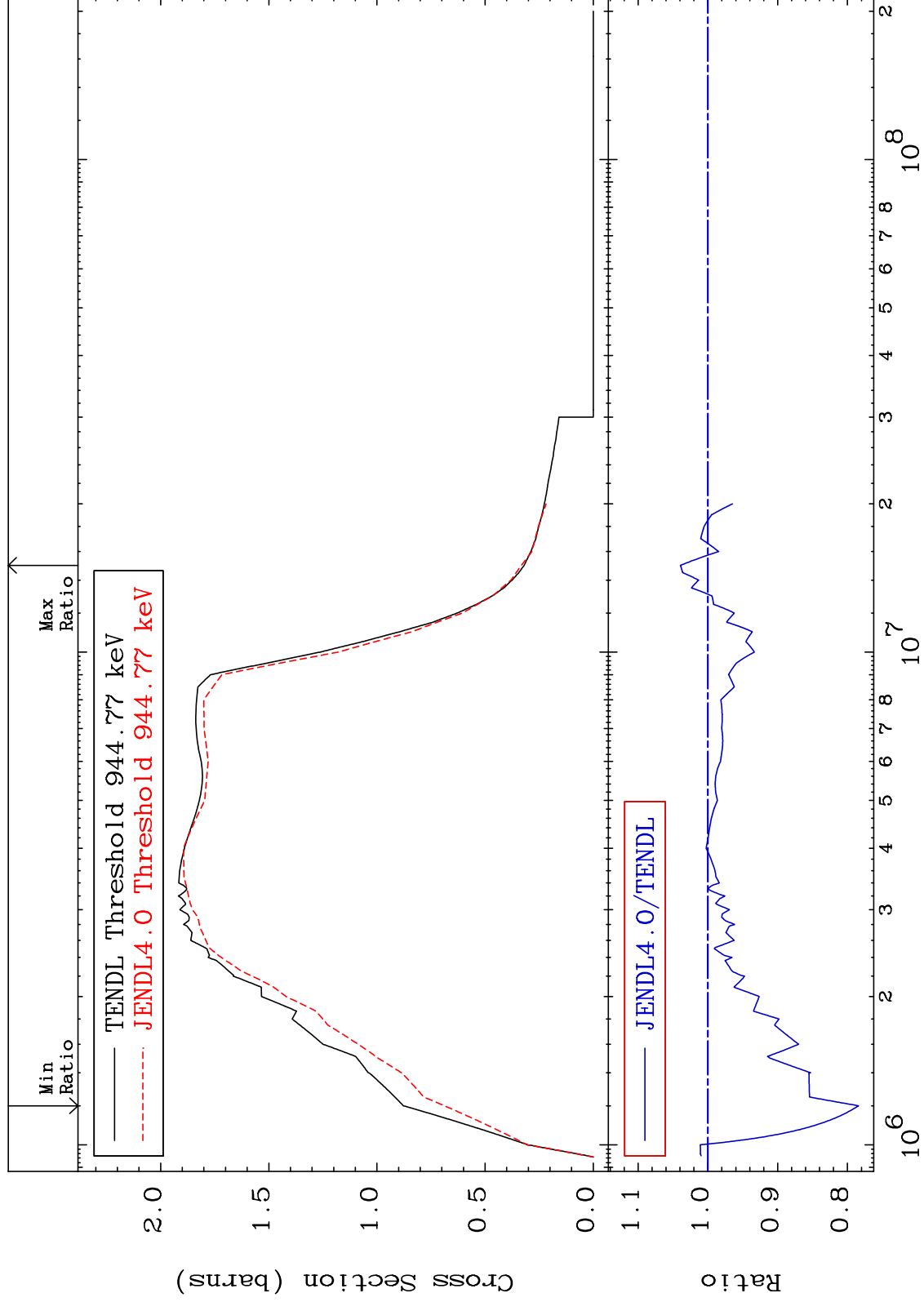
40-Zr-92

MAT 4031

Inelastic  
Cross Section

40-Zr-92

-21.58 To 3.932 %



Incident Energy (eV)

40-Zr-92

3

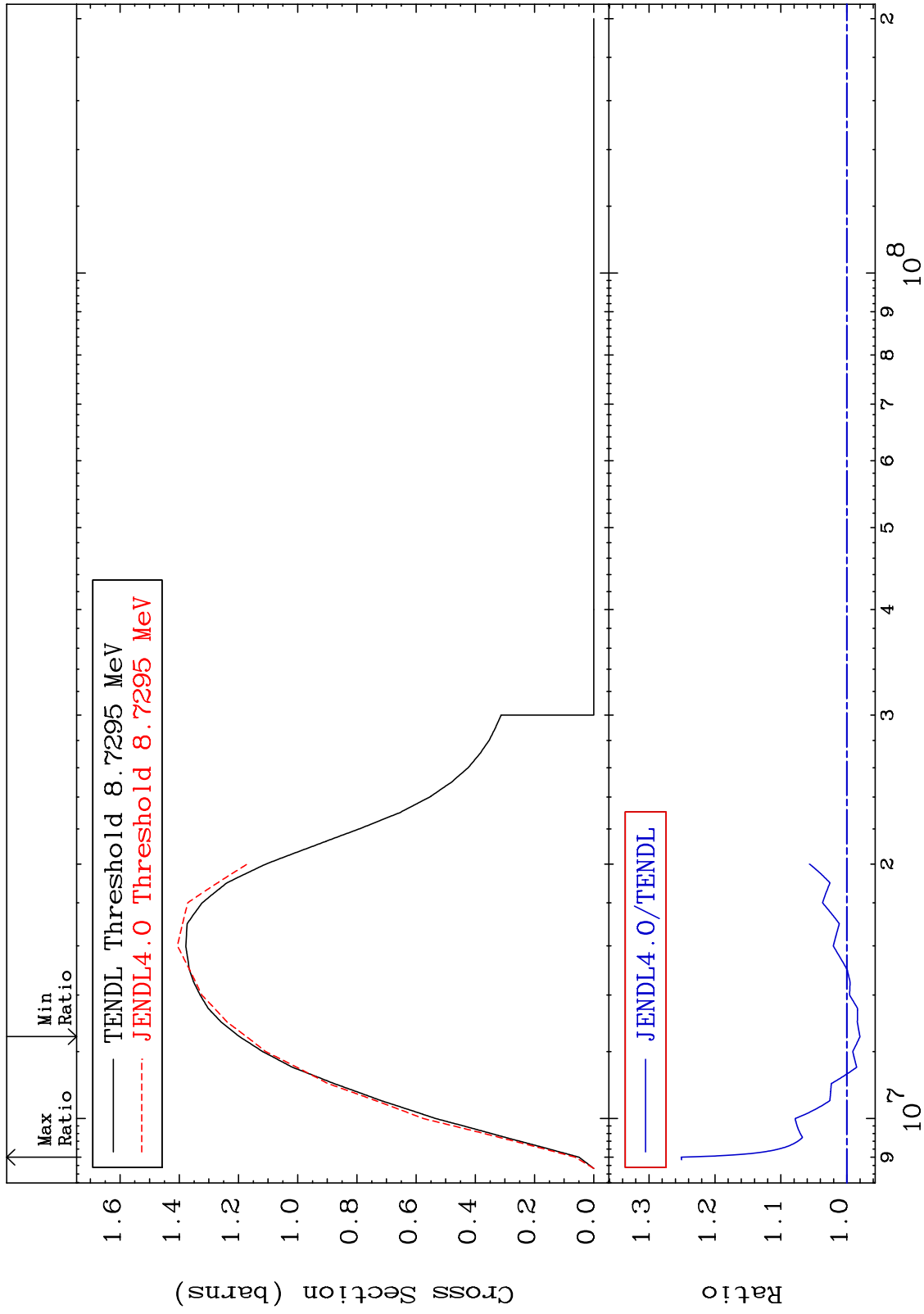
MAT 4031

(n,2n)

40-Zr-92

Cross Section

-1.990 To 25.11 %



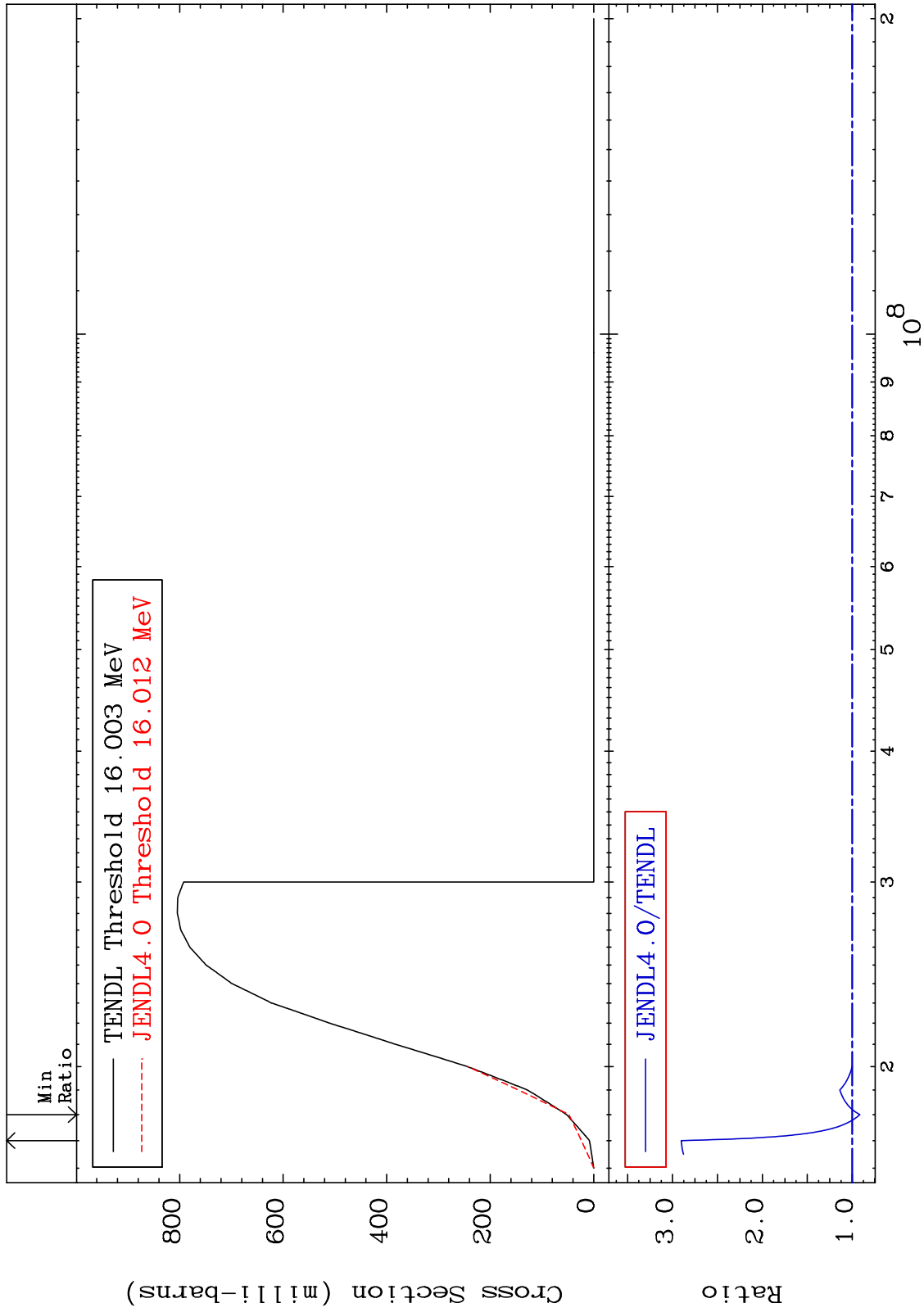
MAT 4031

(n,3n)

40-Zr-92

Cross Section

-8.548 To 190.3 %



5

Incident Energy (eV)

40-Zr-92

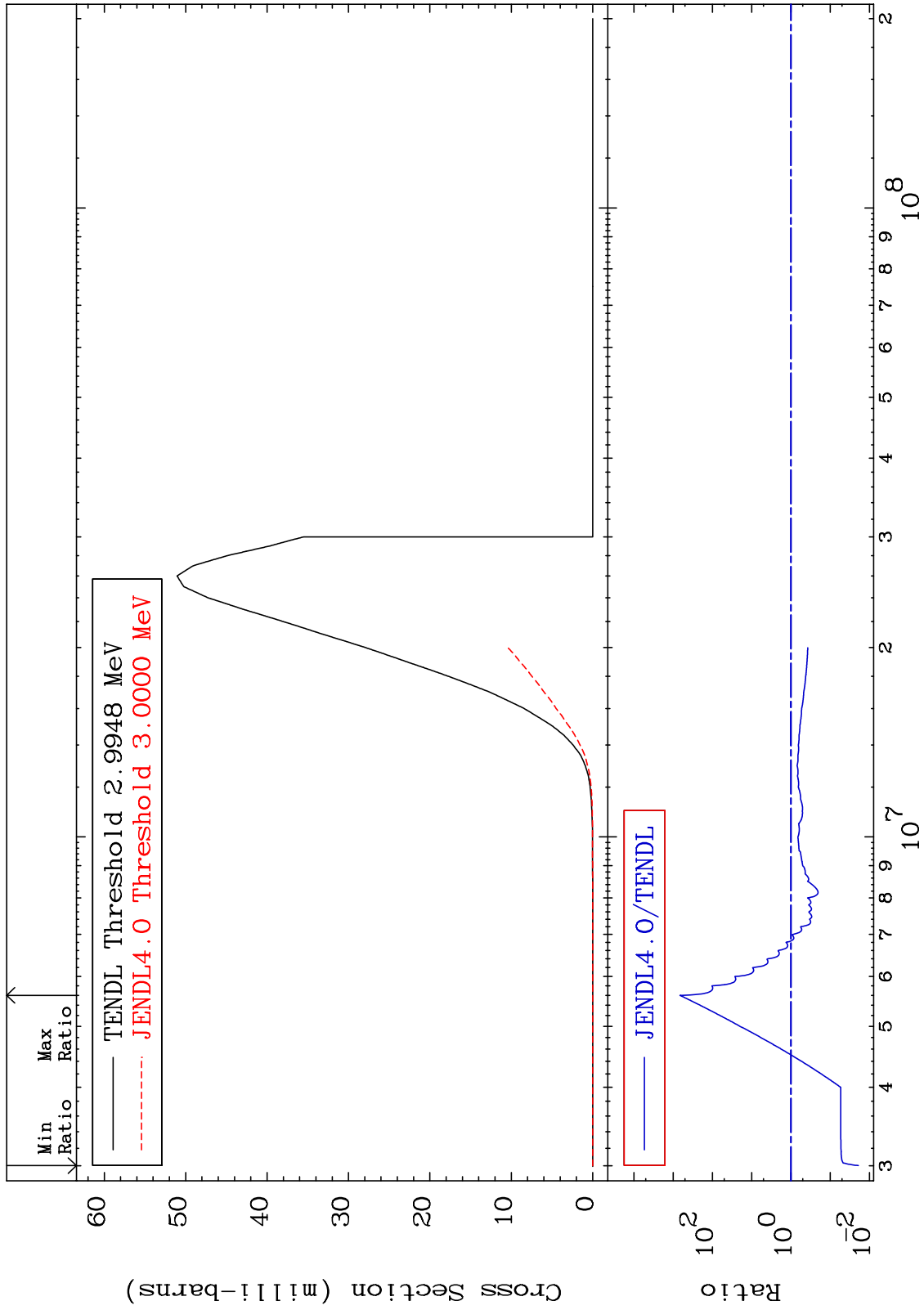
MAT 4031

(n,n')  $\alpha$

40-Zr-92

Cross Section

-98.09 To 9999. %



6

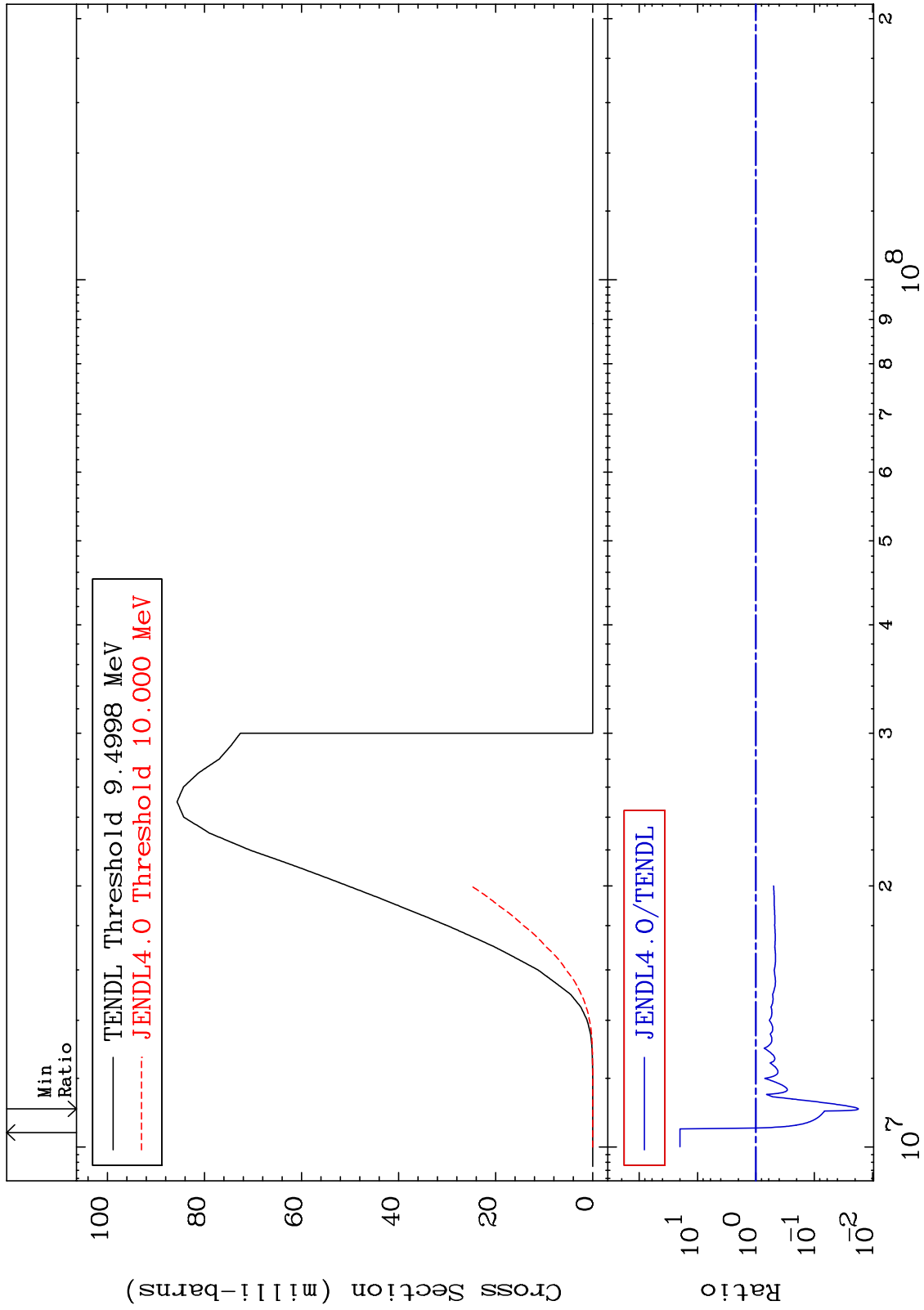
Incident Energy (eV)

40-Zr-92

MAT 4031

(n,n') p  
Cross Section

40-Zr-92  
-98.25 To 1895. %



40-Zr-92

40-Zr-92



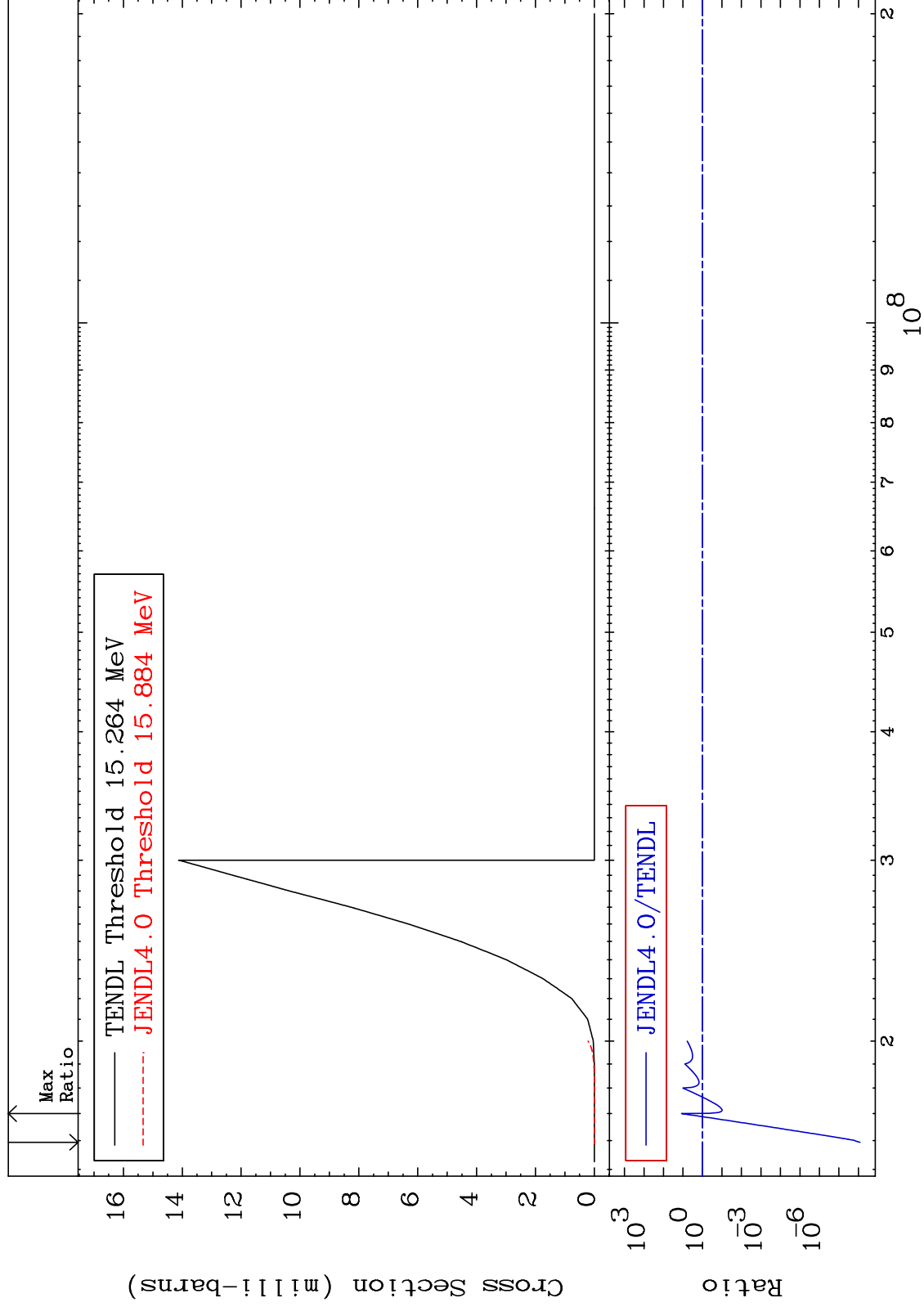
MAT 4031

(n,n') d

40-Zr-92

Cross Section

-100.0 To 1072. %



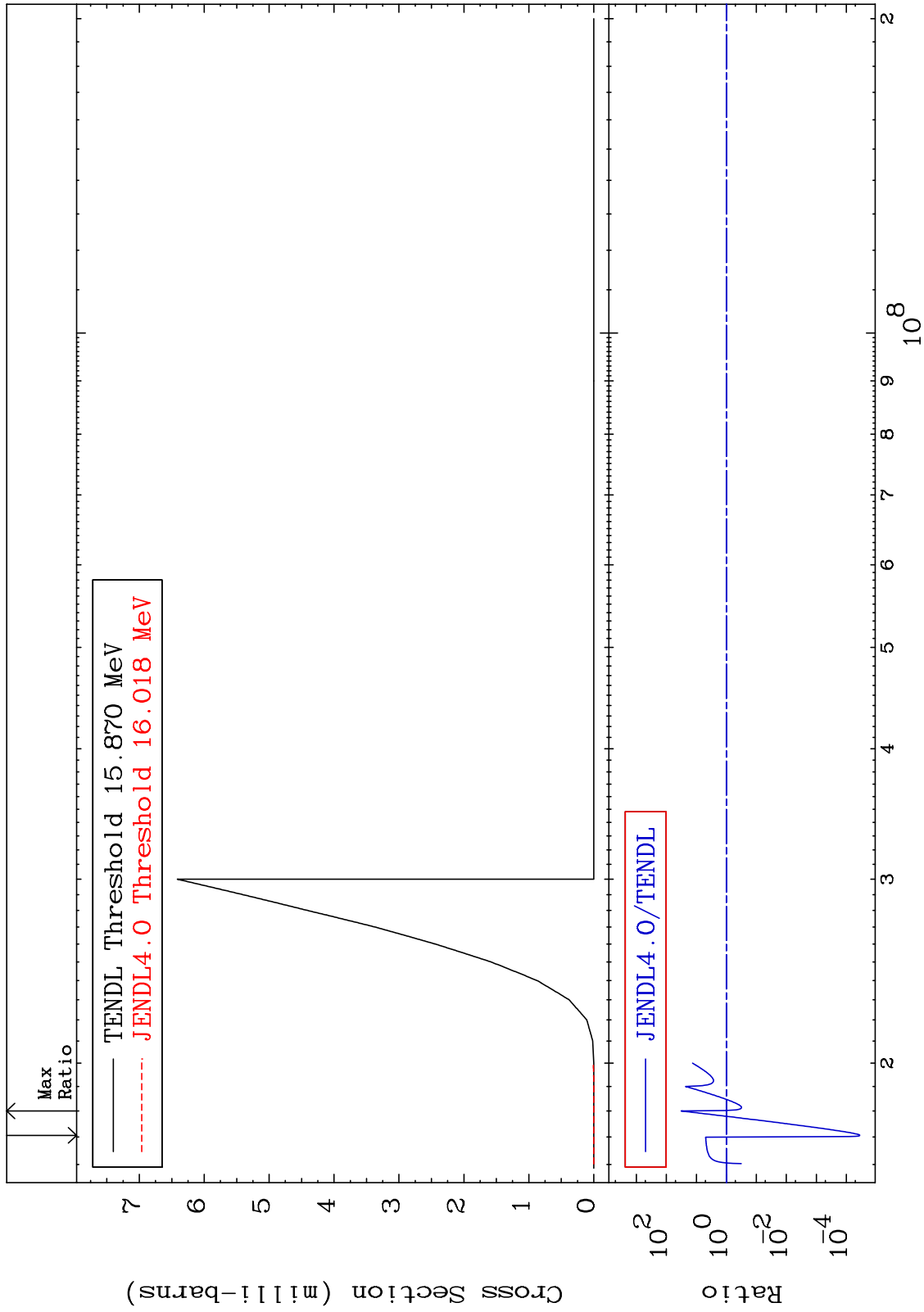
MAT 4031

(n,n') t

40-Zr-92

Cross Section

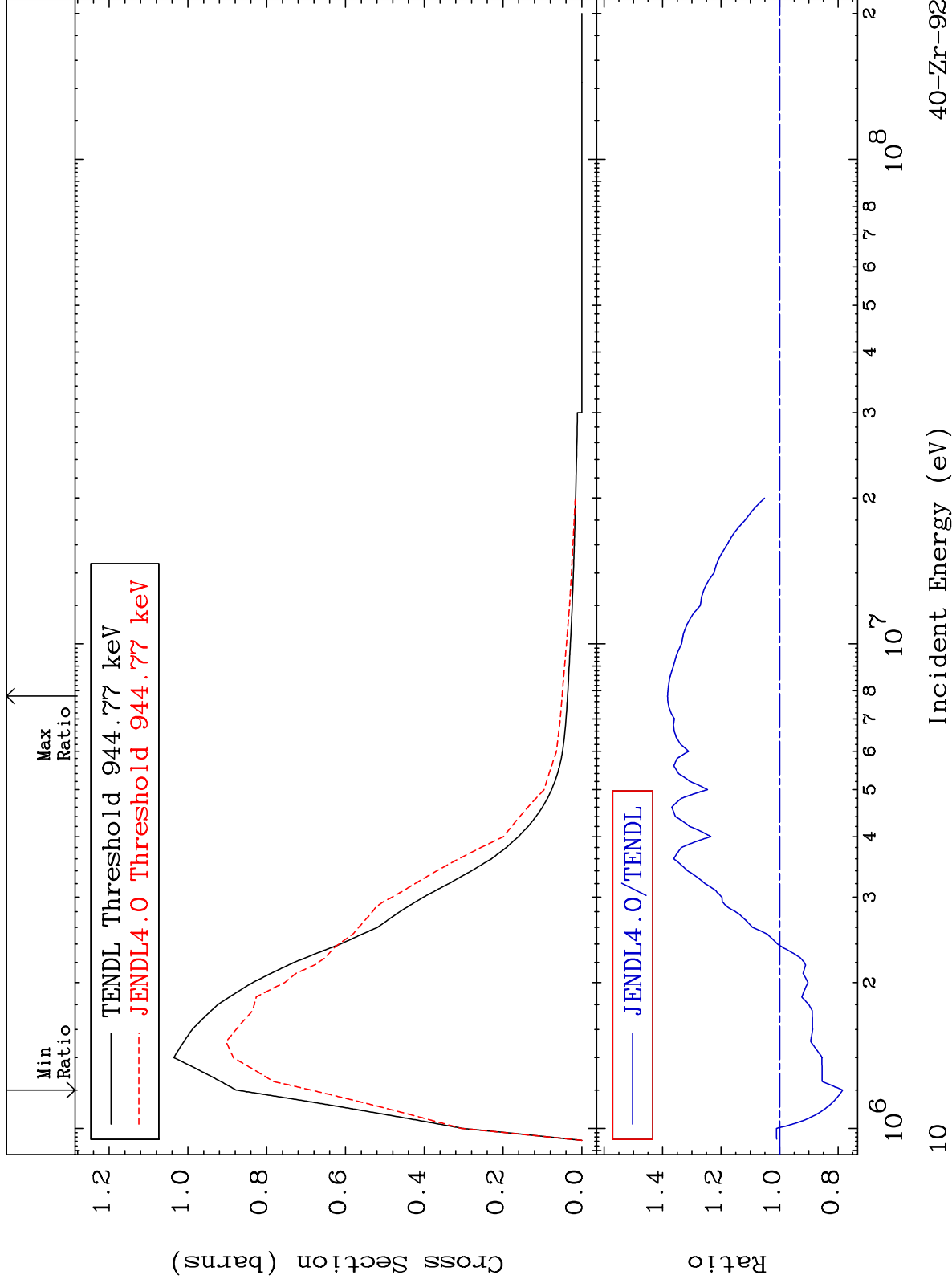
-100.0 To 3091. %



MAT 4031

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

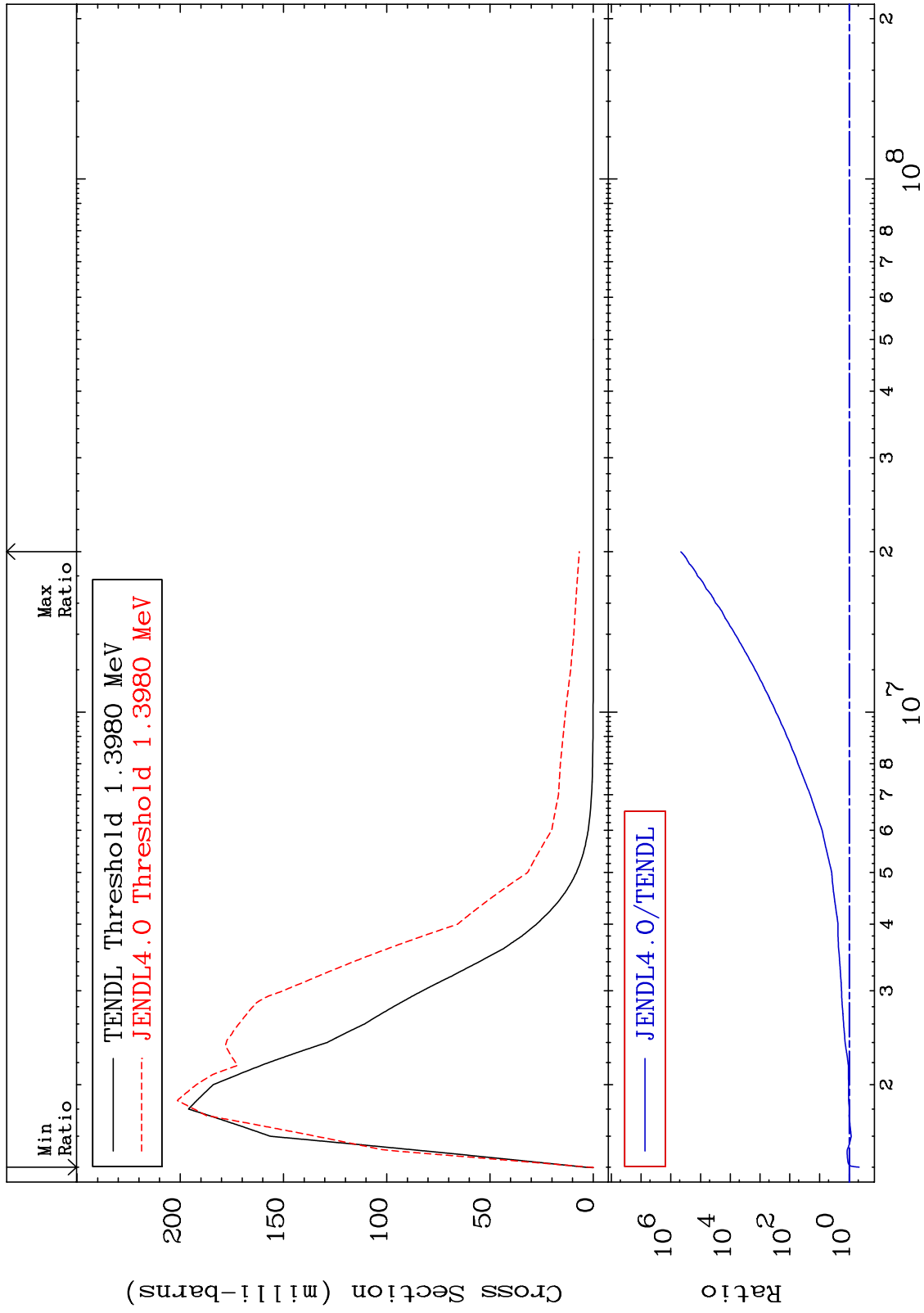
40-Zr-92  
-21.58 To 38.32 %



MAT 4031

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

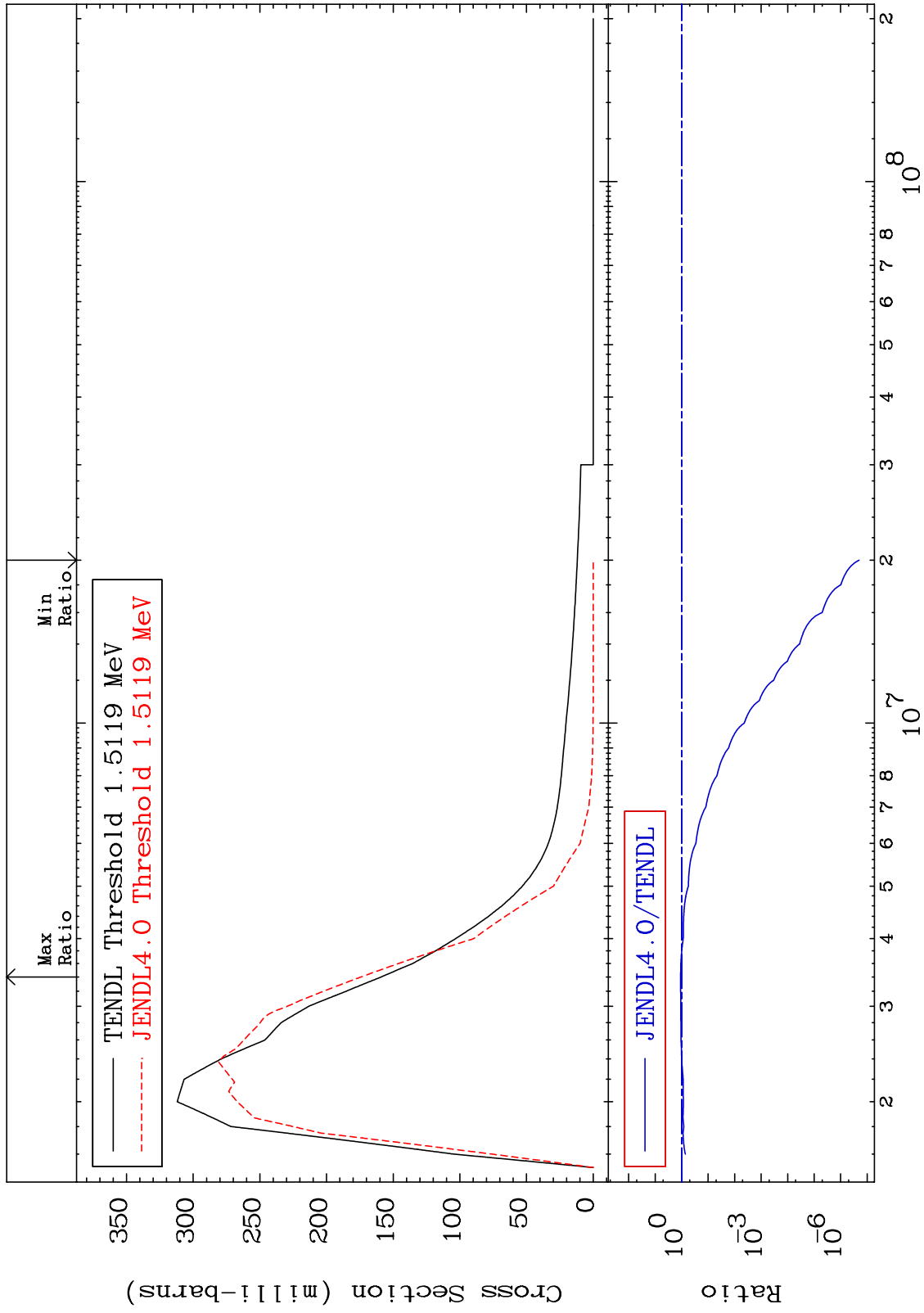
40-Zr-92  
-53.58 To 9999. %



MAT 4031

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

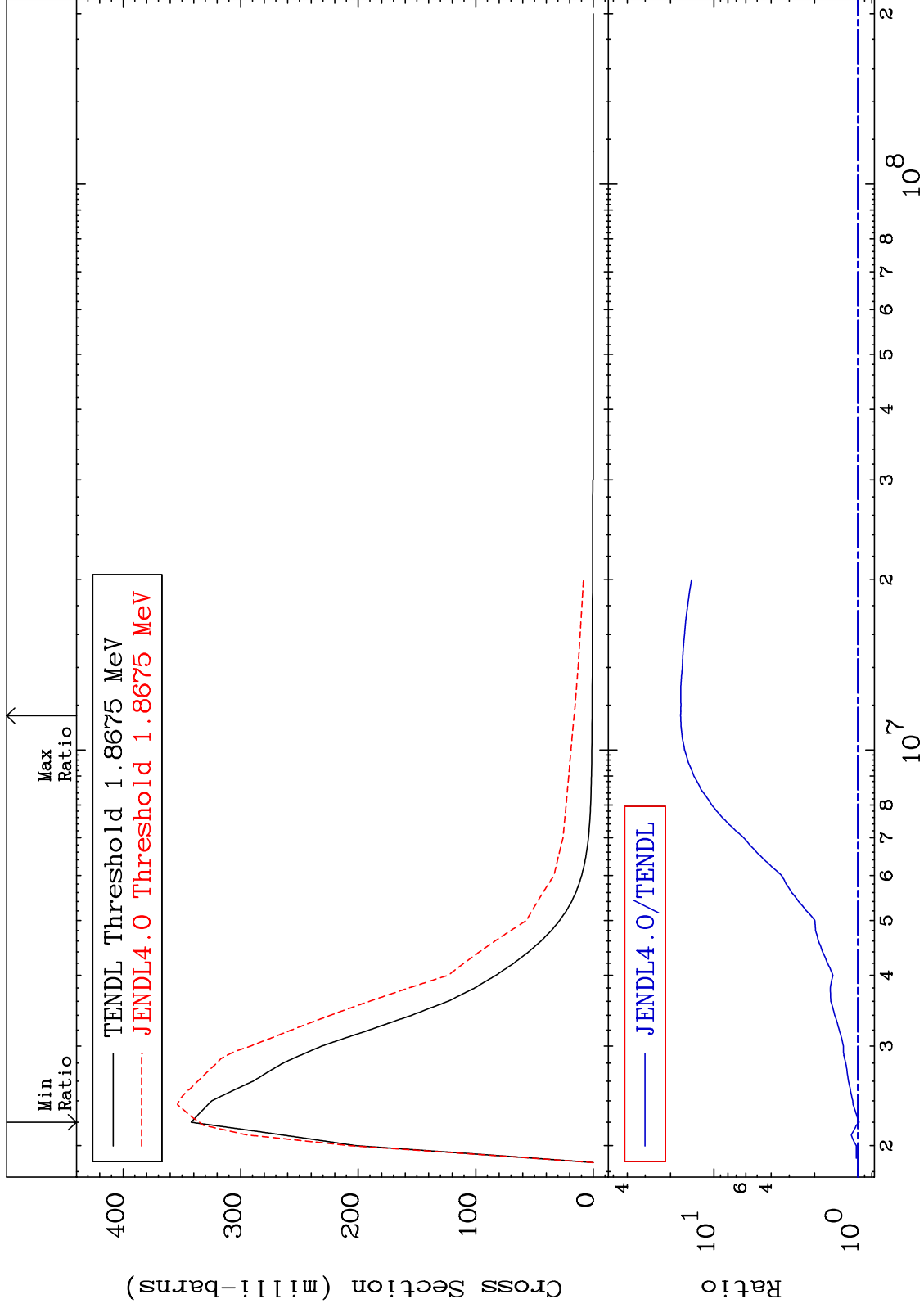
40-Zr-92  
-100.0 To 9.549 %



MAT 4031

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

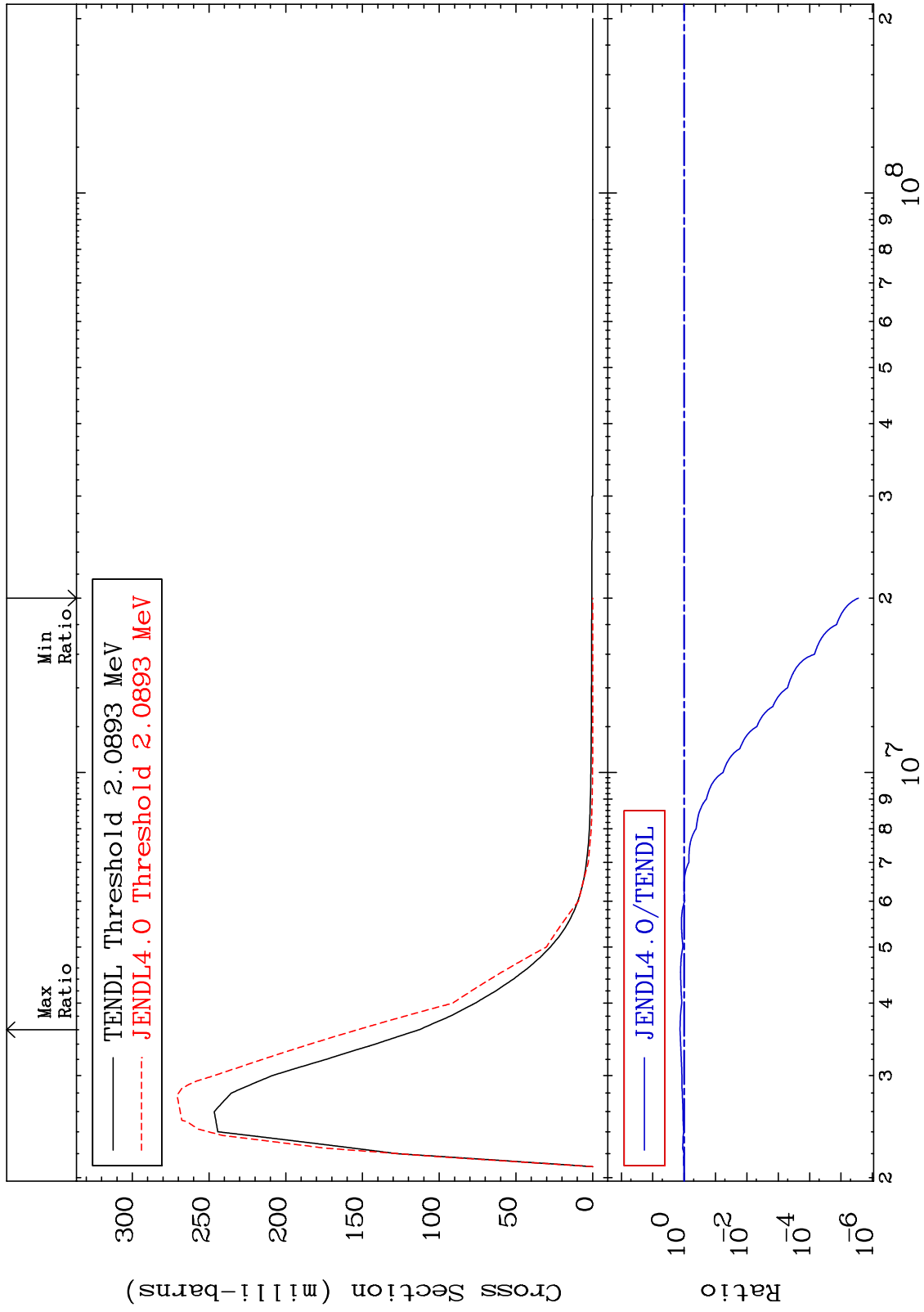
40-Zr-92  
-2.032 To 1603. %



MAT 4031

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

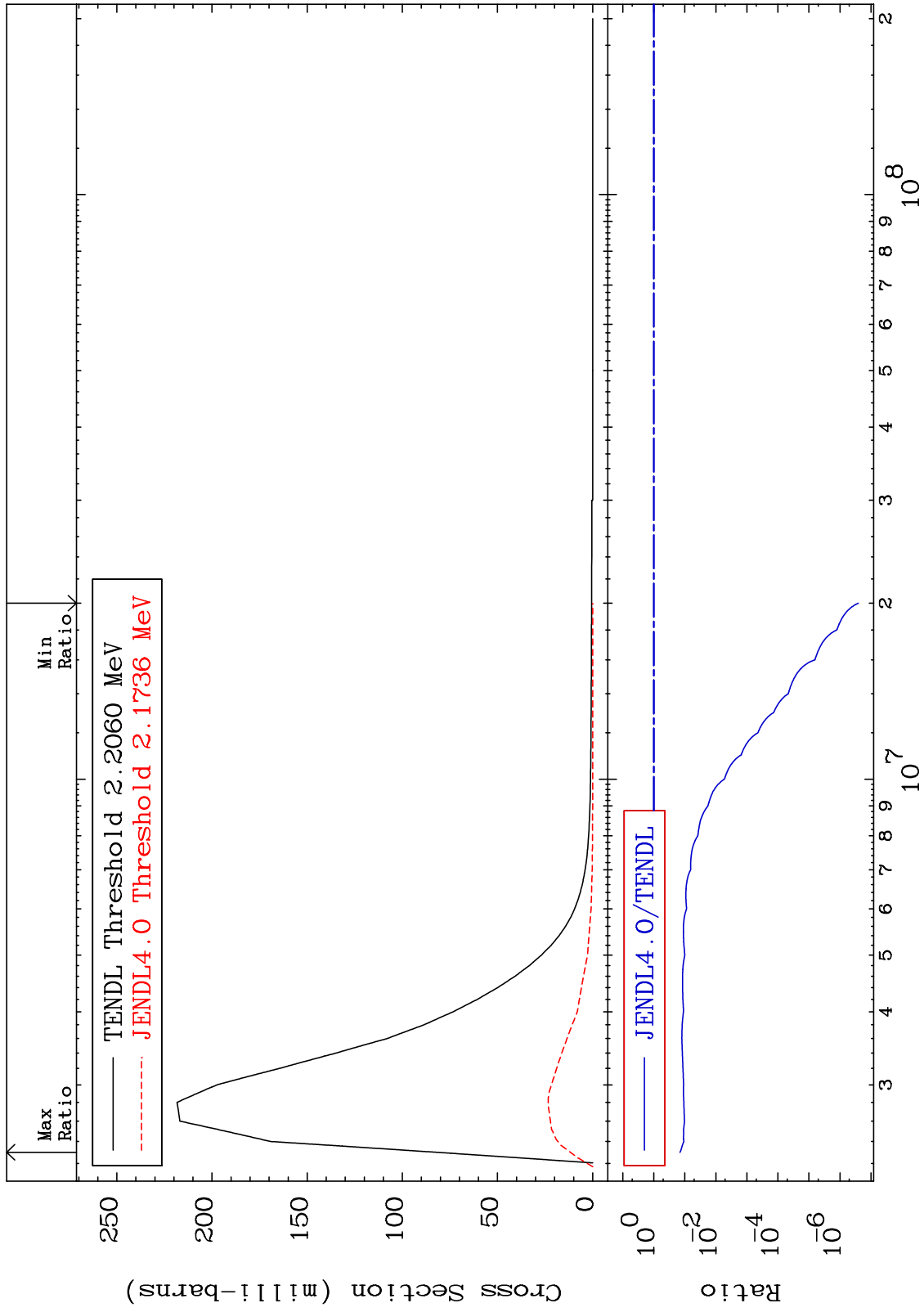
40-Zr-92  
-100.0 To 35.56 %



MAT 4031

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

40-Zr-92  
-100.0 To -85.73%

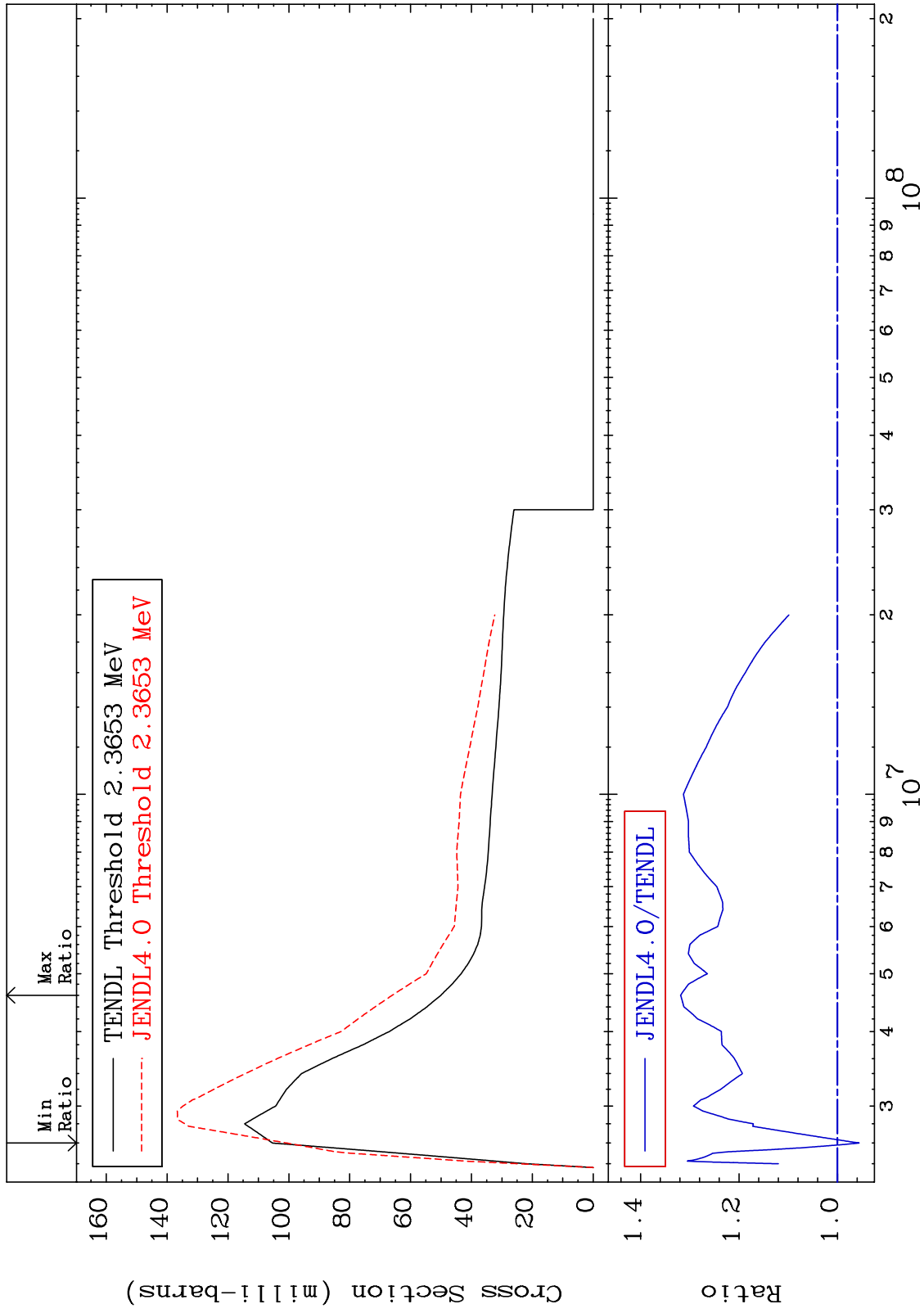




MAT 4031

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

40-Zr-92  
-4.422 To 31.86 %

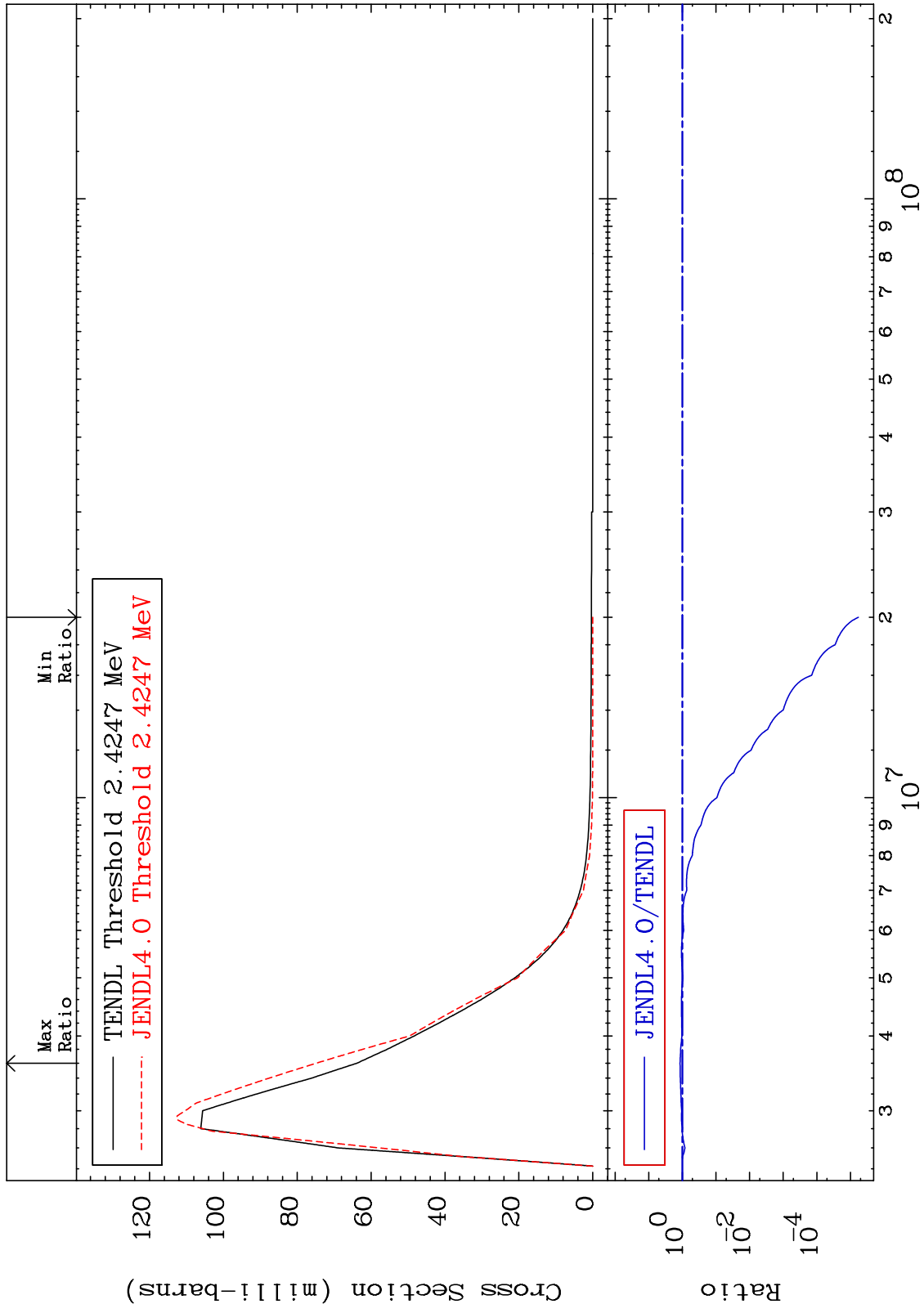


16

Incident Energy (eV)

40-Zr-92

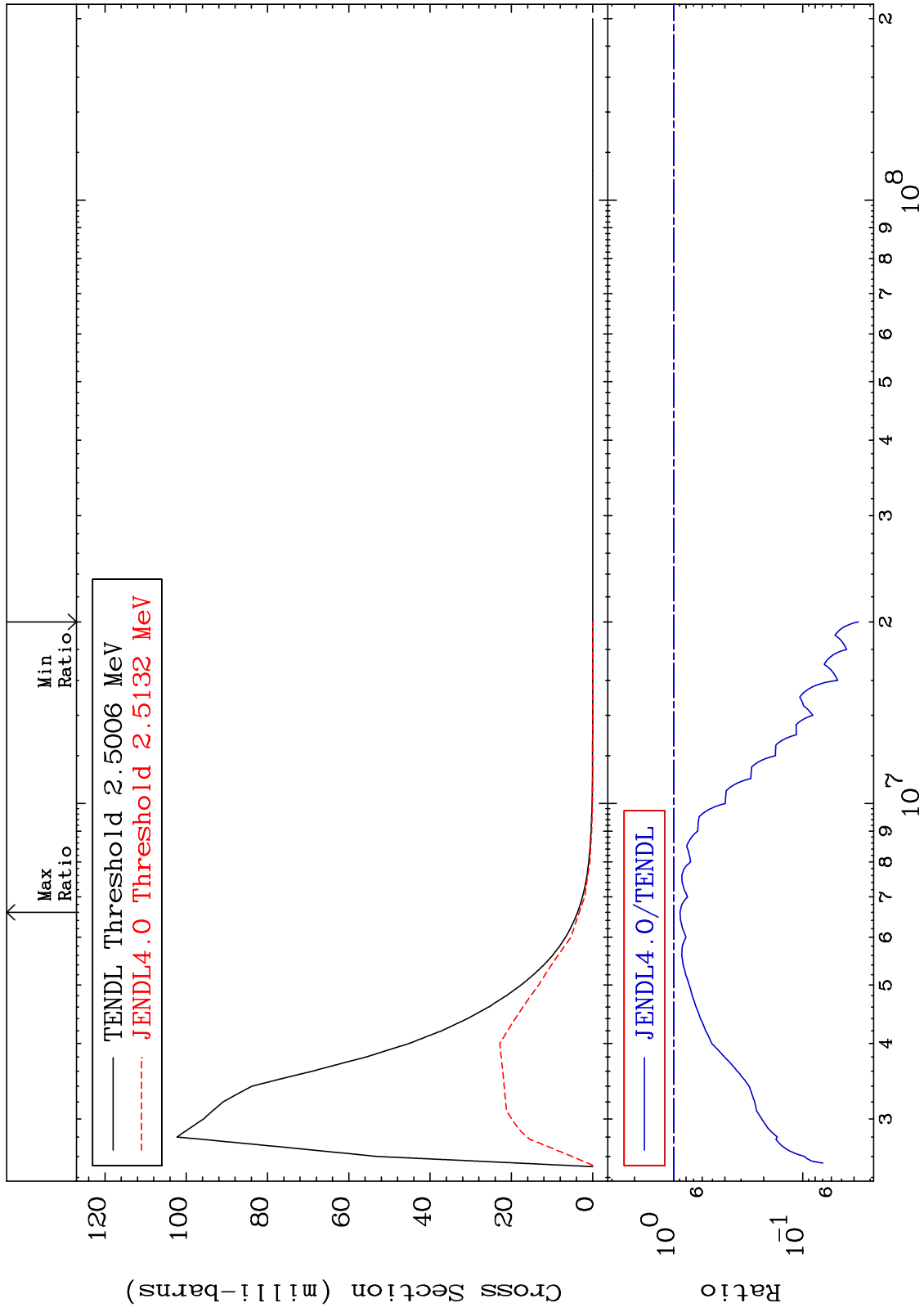
MAT 4031 MT= 58 (n,n') Level  
Cross Section 40-Zr-92  
-100.0 To 17.29 %

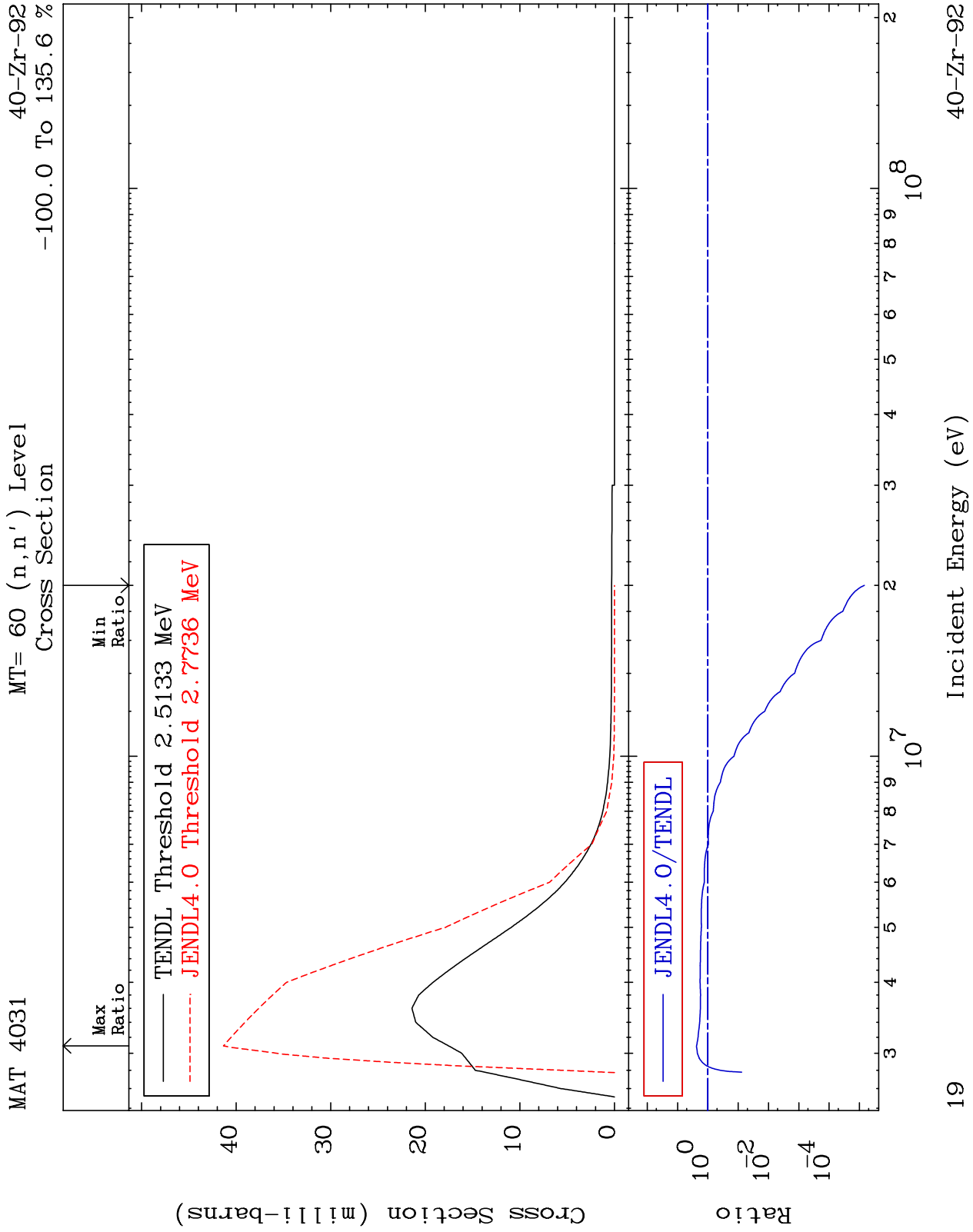


MAT 4031

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

40-Zr-92  
-96.30 To -10.93%

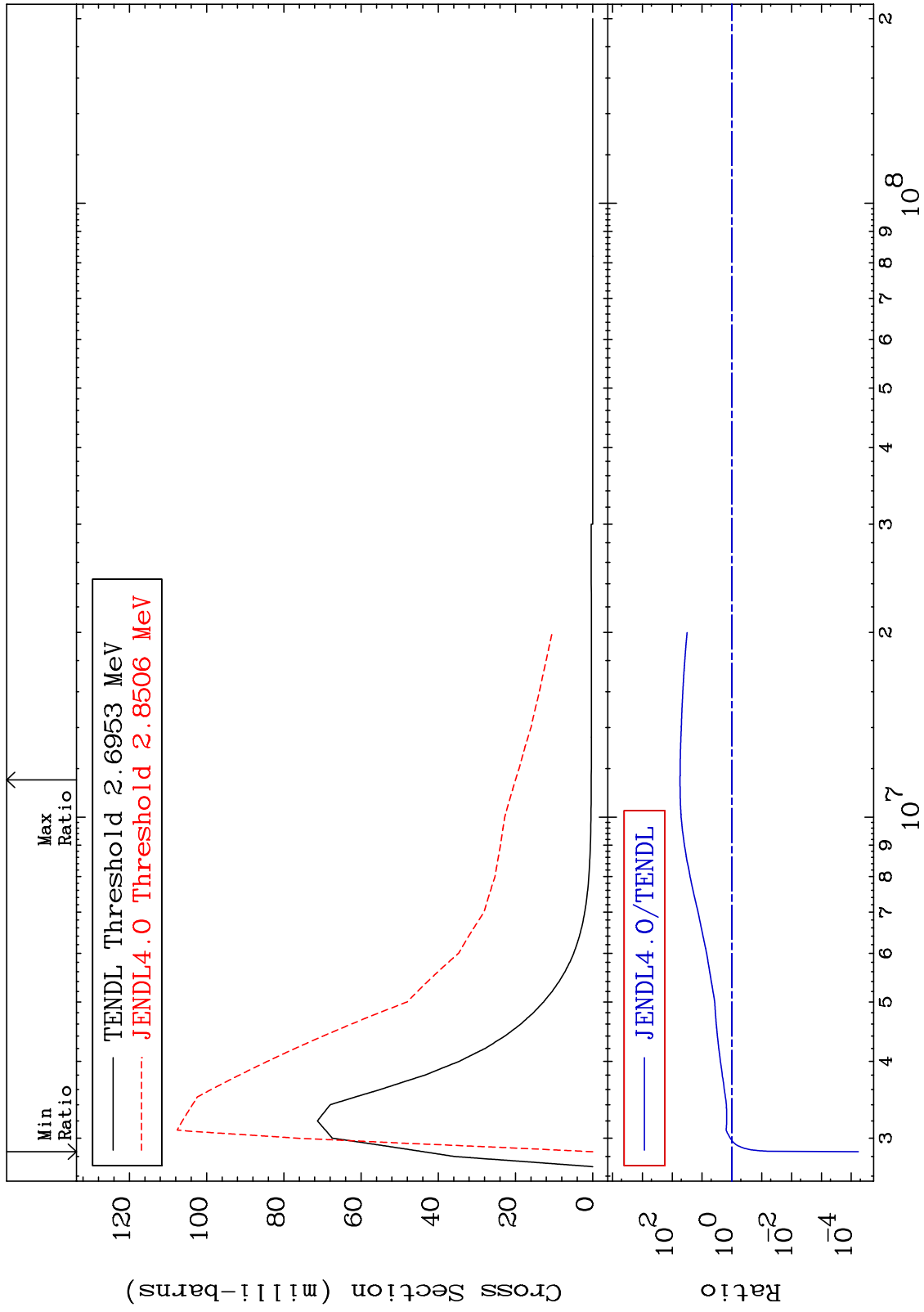




MAT 4031

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

40-Zr-92  
-99.99 To 5388. %



20

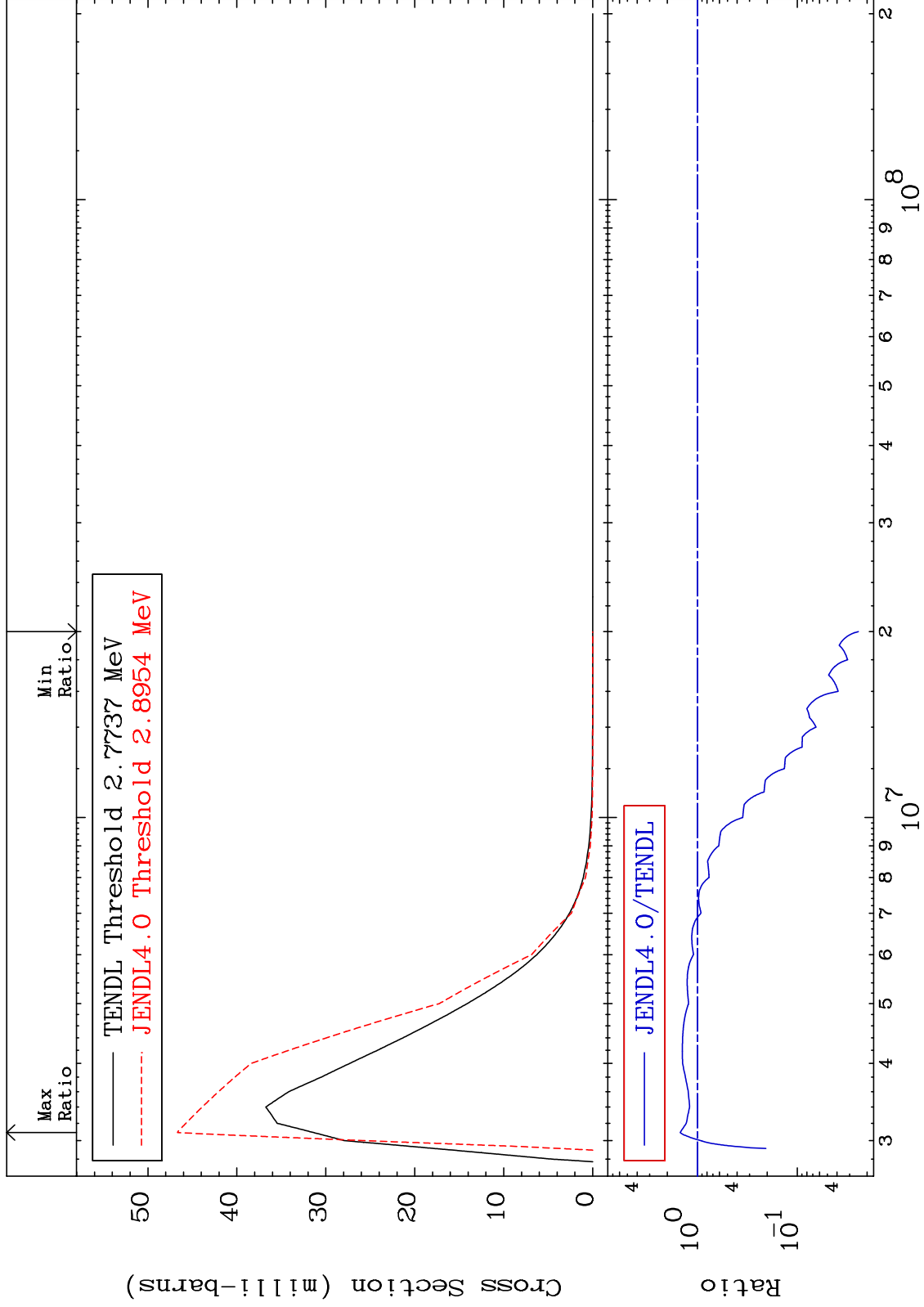
Incident Energy (eV)

40-Zr-92

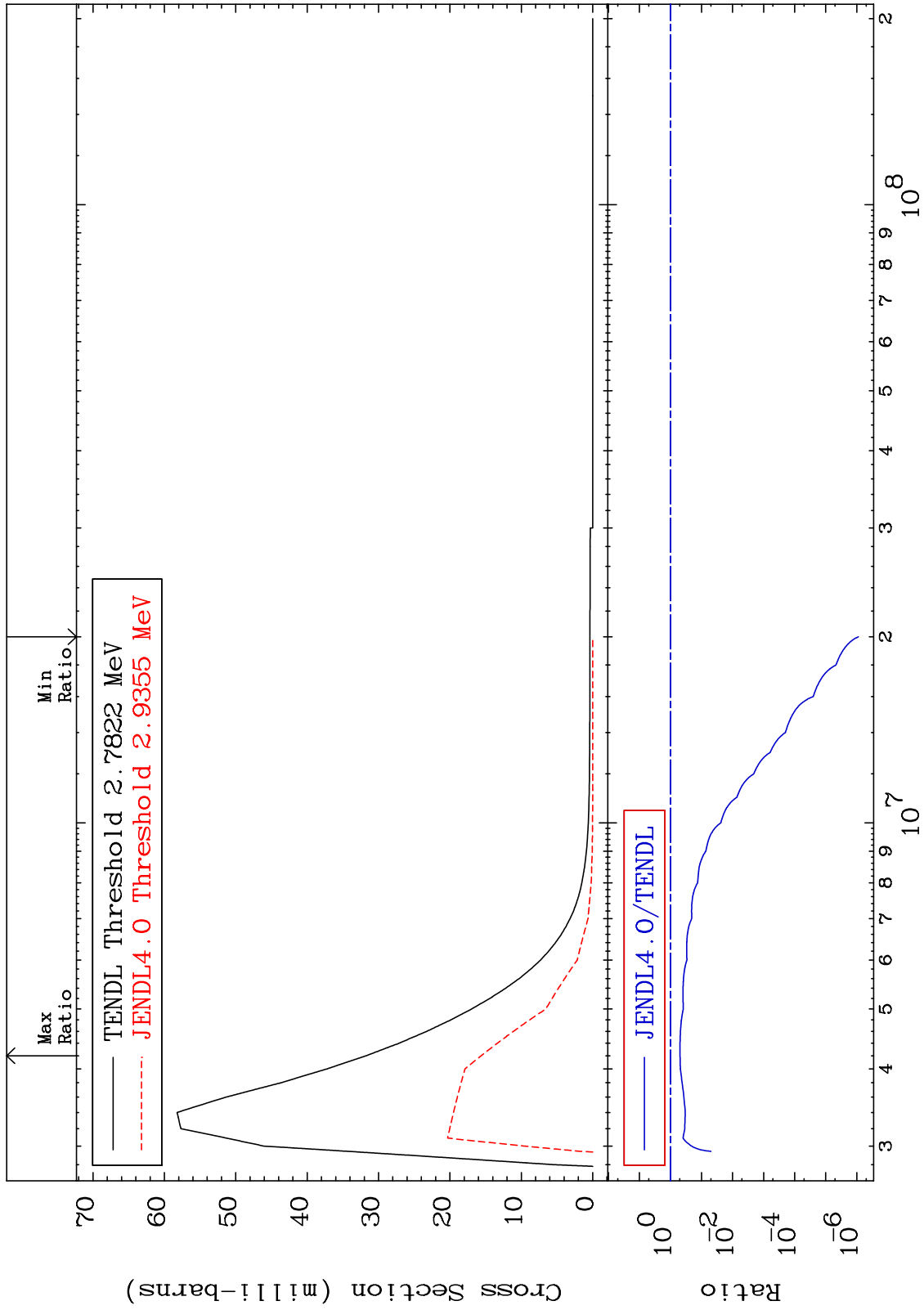
MAT 4031

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

40-Zr-92  
-97.55 To 48.90 %



MAT 4031 MT= 63 (n,n') Level  
 Cross Section 40-Zr-92  
 -100.0 To -50.76%



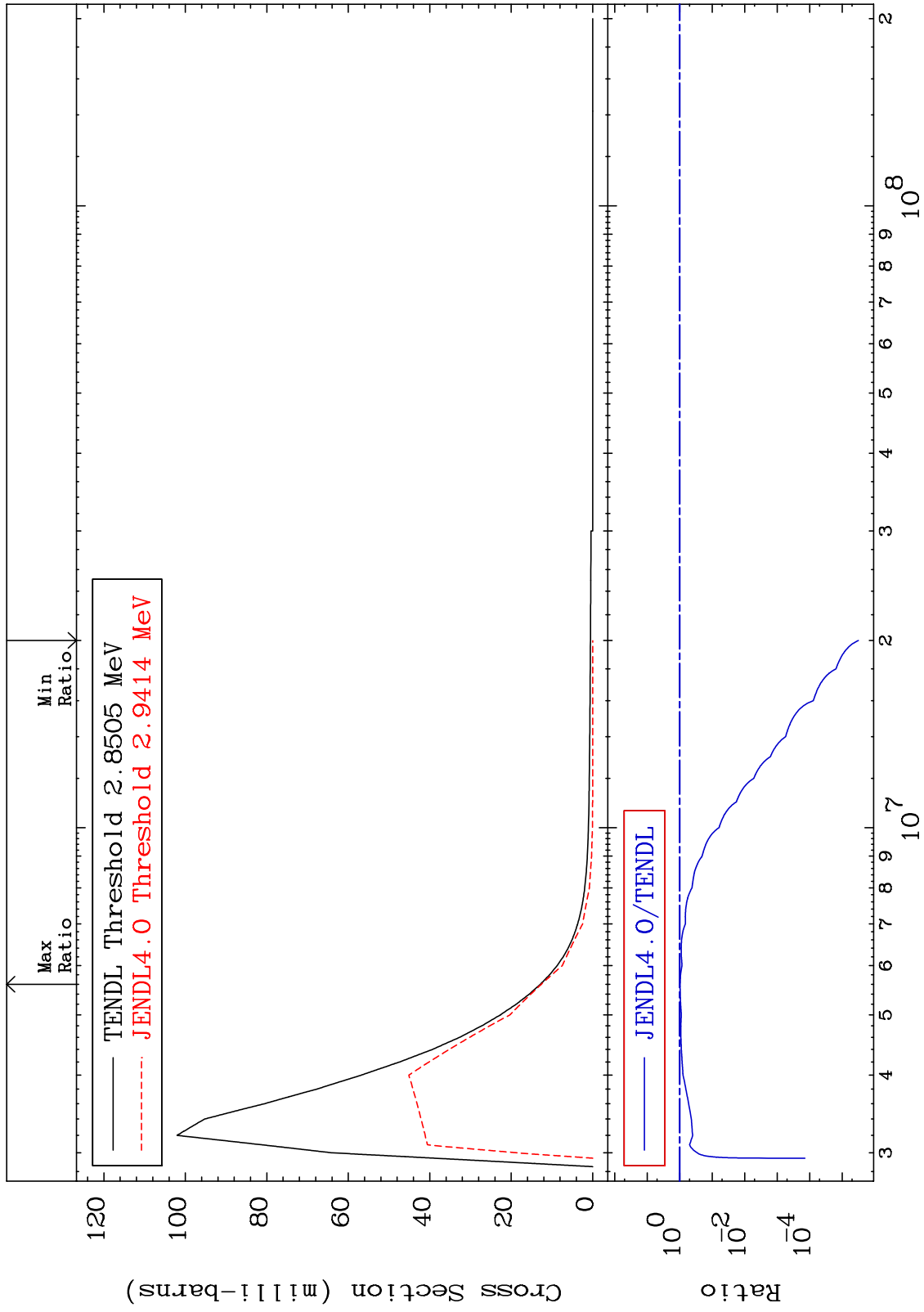
40-Zr-92

Incident Energy (eV)

MAT 4031

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

40-Zr-92  
-100.0 To -1.797%

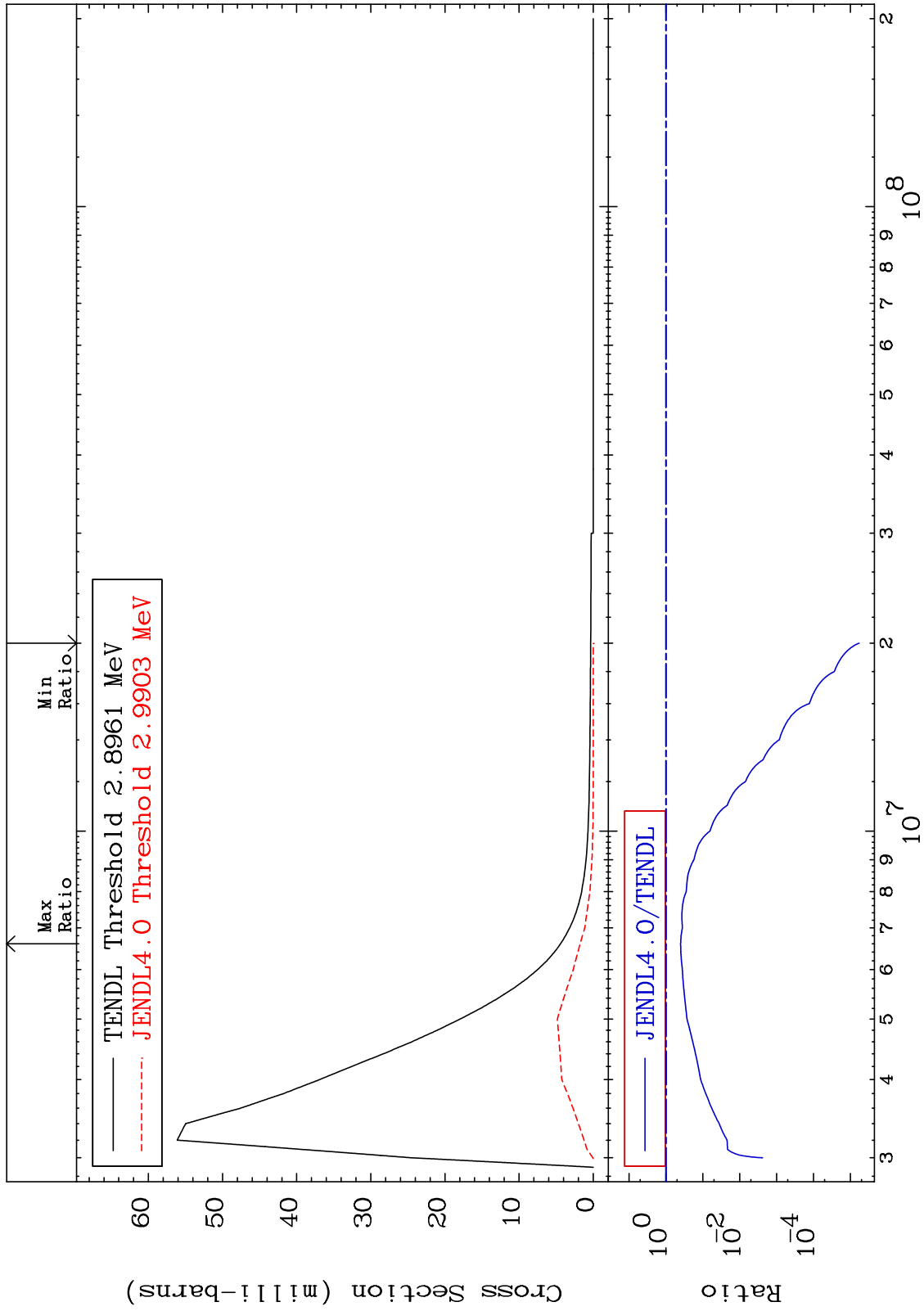




MAT 4031

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

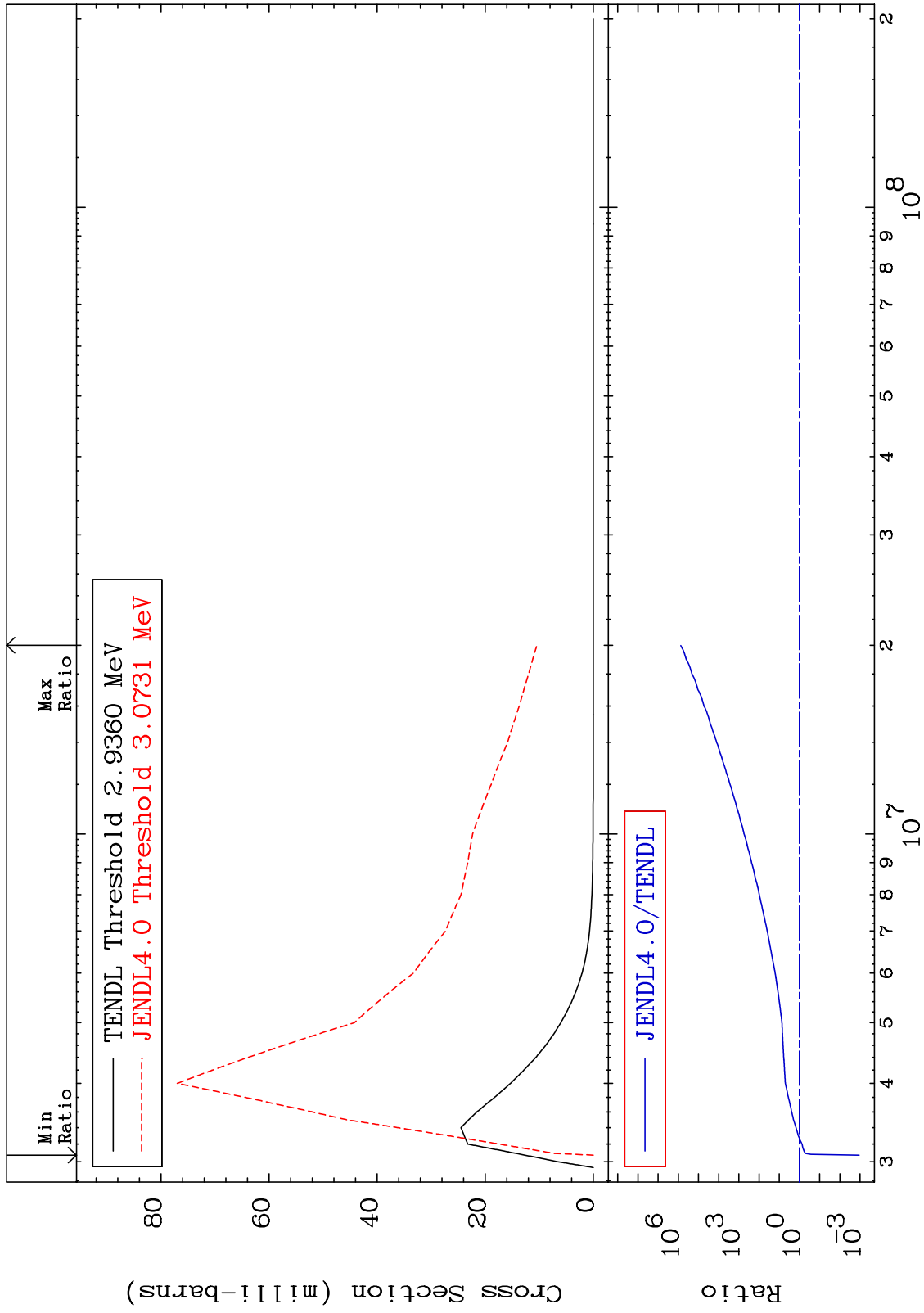
40-Zr-92  
-100.0 To -60.00%



MAT 4031

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

40-Zr-92  
-99.89 To 9999. %



25

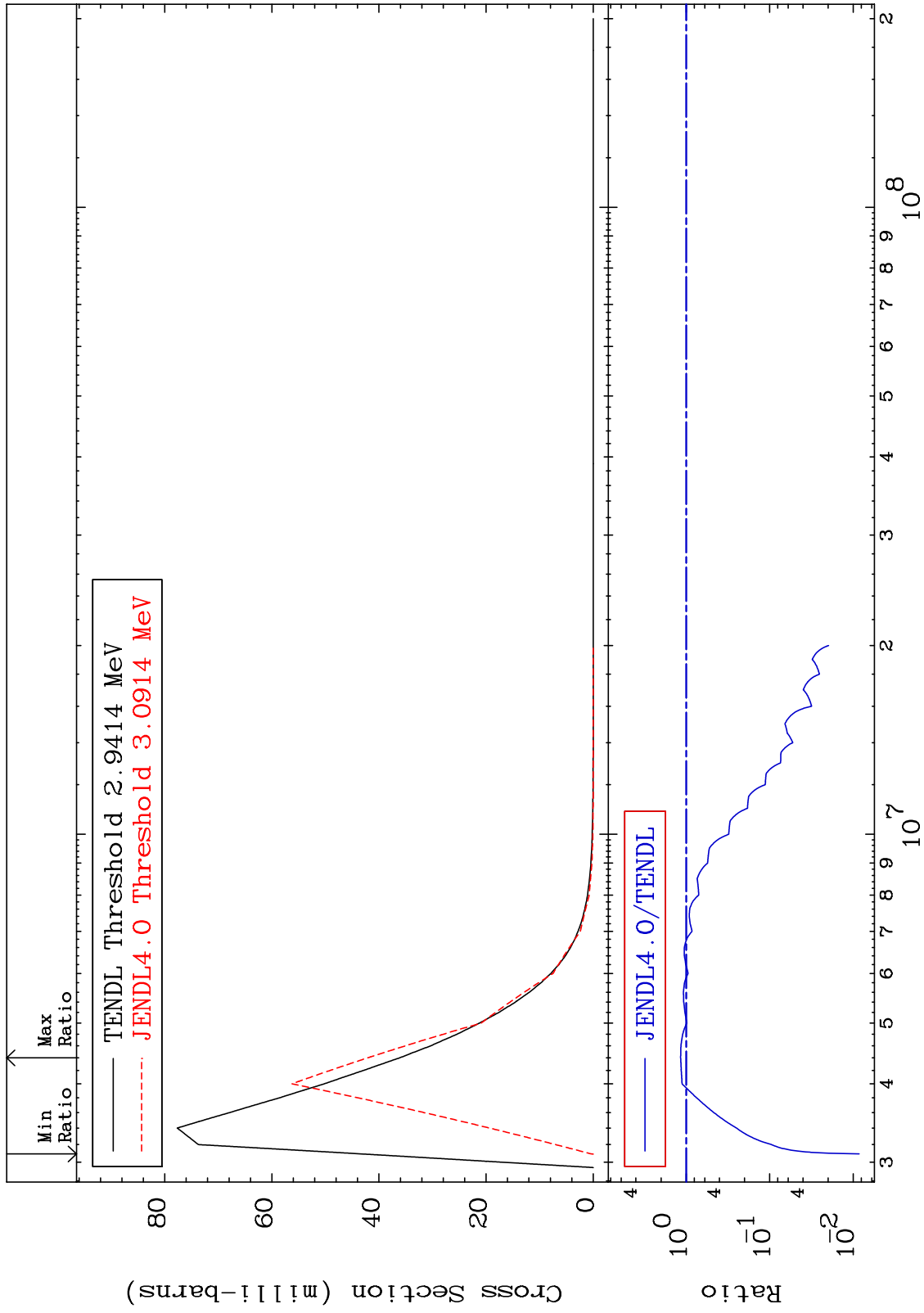
Incident Energy (eV)

40-Zr-92

MAT 4031

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

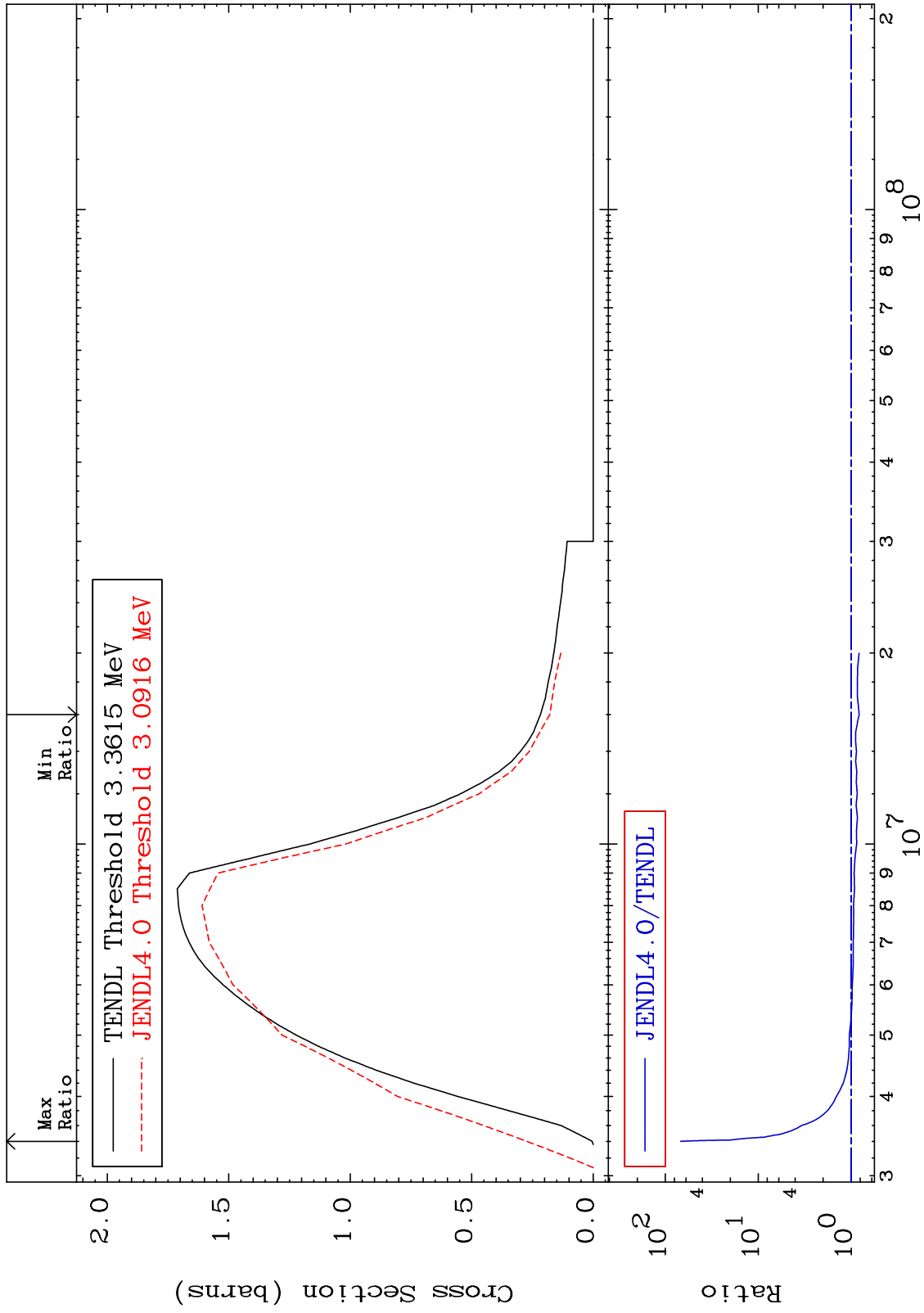
40-Zr-92  
-99.15 To 16.52 %



MAT 4031

(n, n') Continuum  
Cross Section

40-Zr-92  
-17.97 To 6747. %



27

Incident Energy (eV)

40-Zr-92

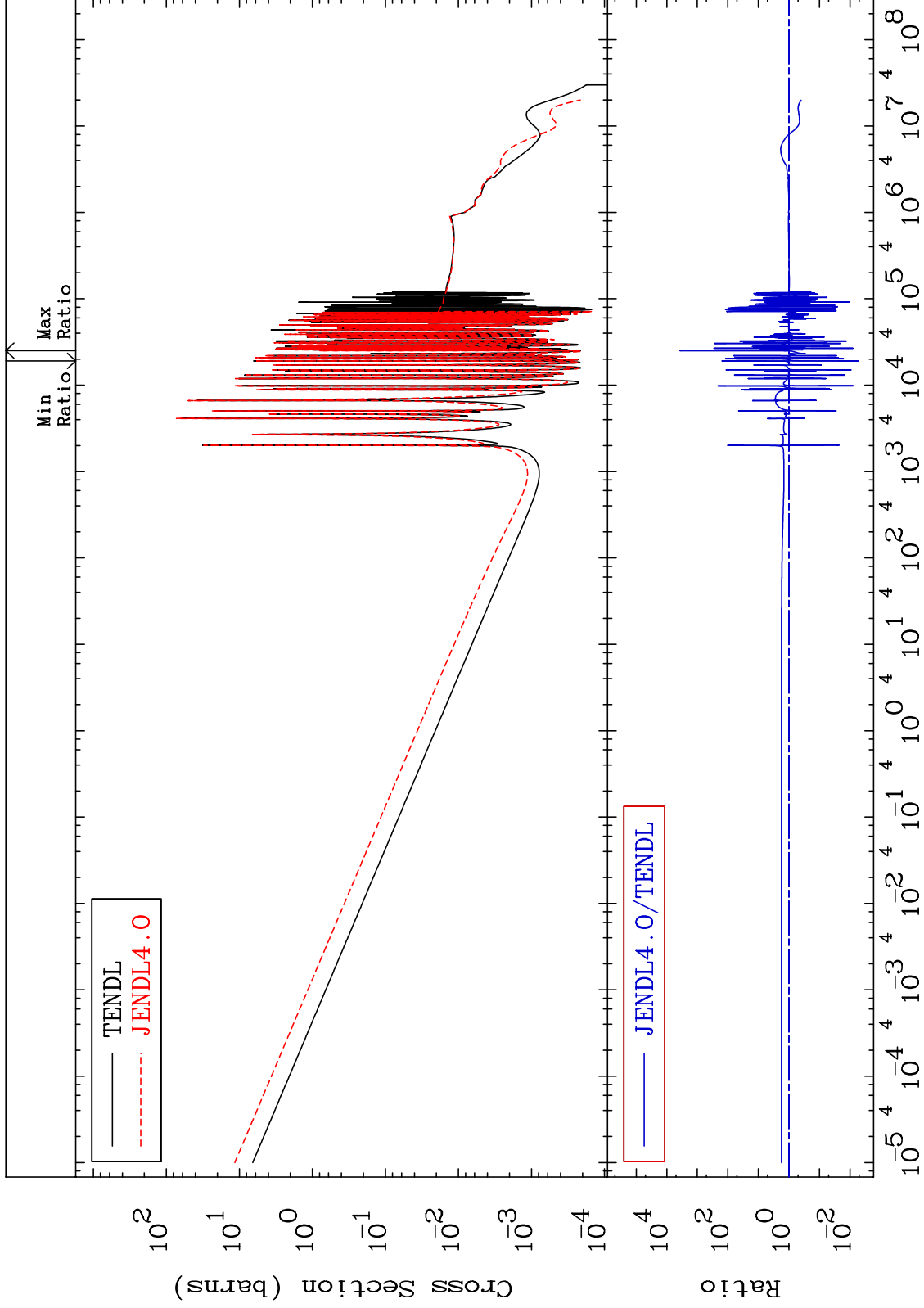
MAT 4031

(n,  $\gamma$ )

40-Zr-92

Cross Section

-99.47 To 9999. %



28

Incident Energy (eV)

40-Zr-92

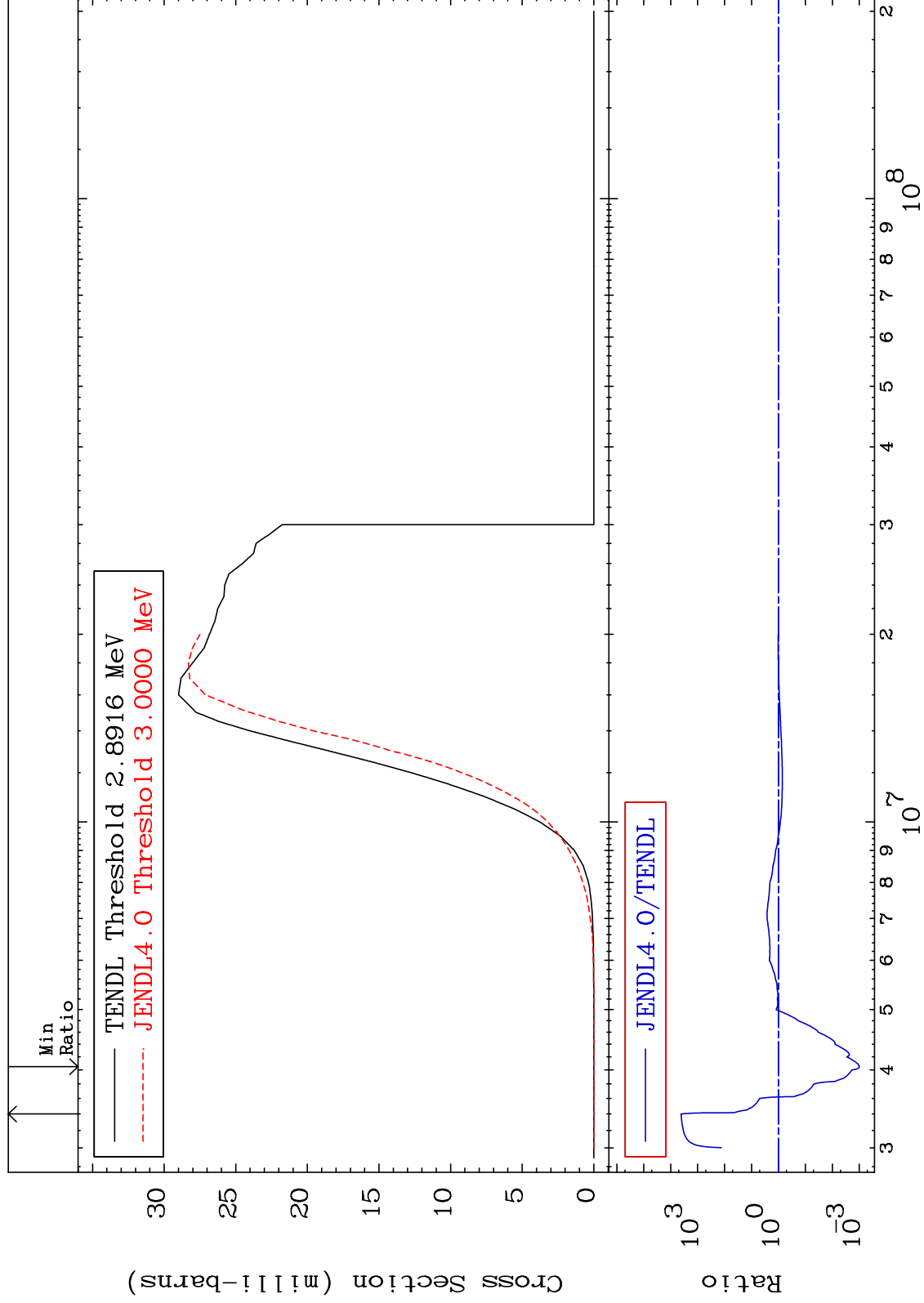
MAT 4031

(n,p)

40-Zr-92

Cross Section

-99.90 To 9999. %



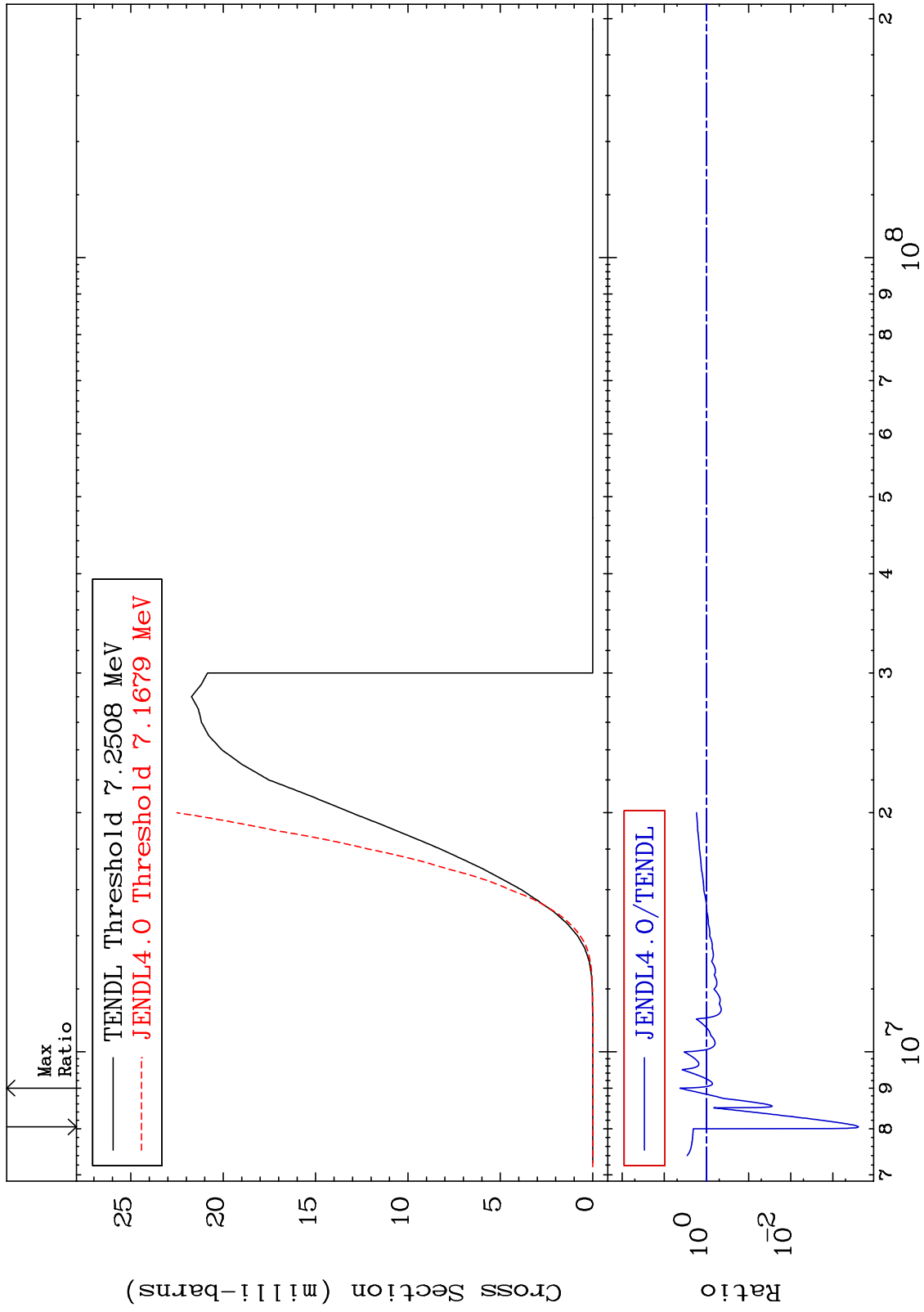
MAT 4031

(n, d)

40-Zr-92

Cross Section

-99.98 To 324.2 %



30

Incident Energy (eV)

40-Zr-92

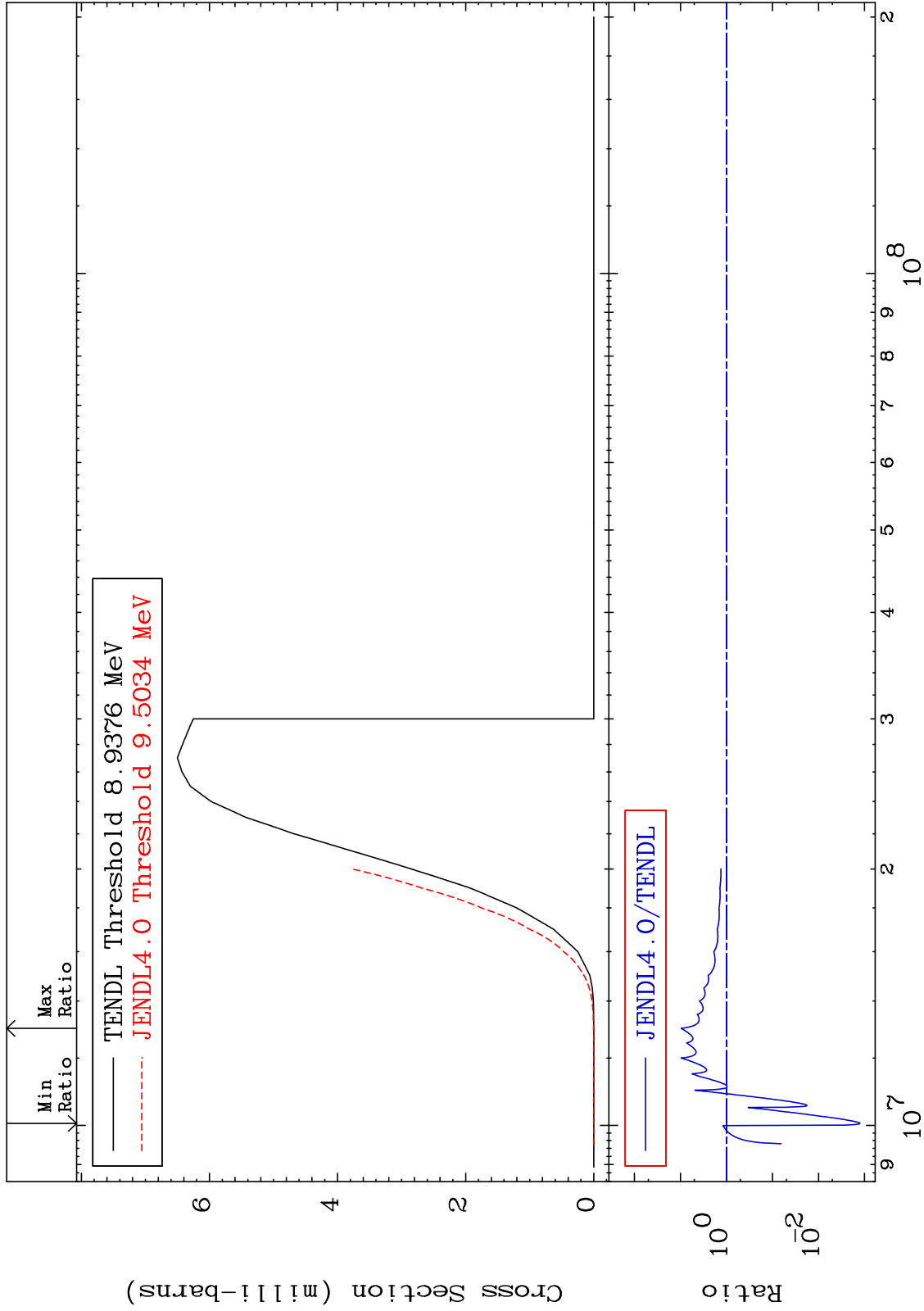
MAT 4031

(n, t)

40-Zr-92

Cross Section

-99.87 To 864.5 %



31

Incident Energy (eV)

40-Zr-92



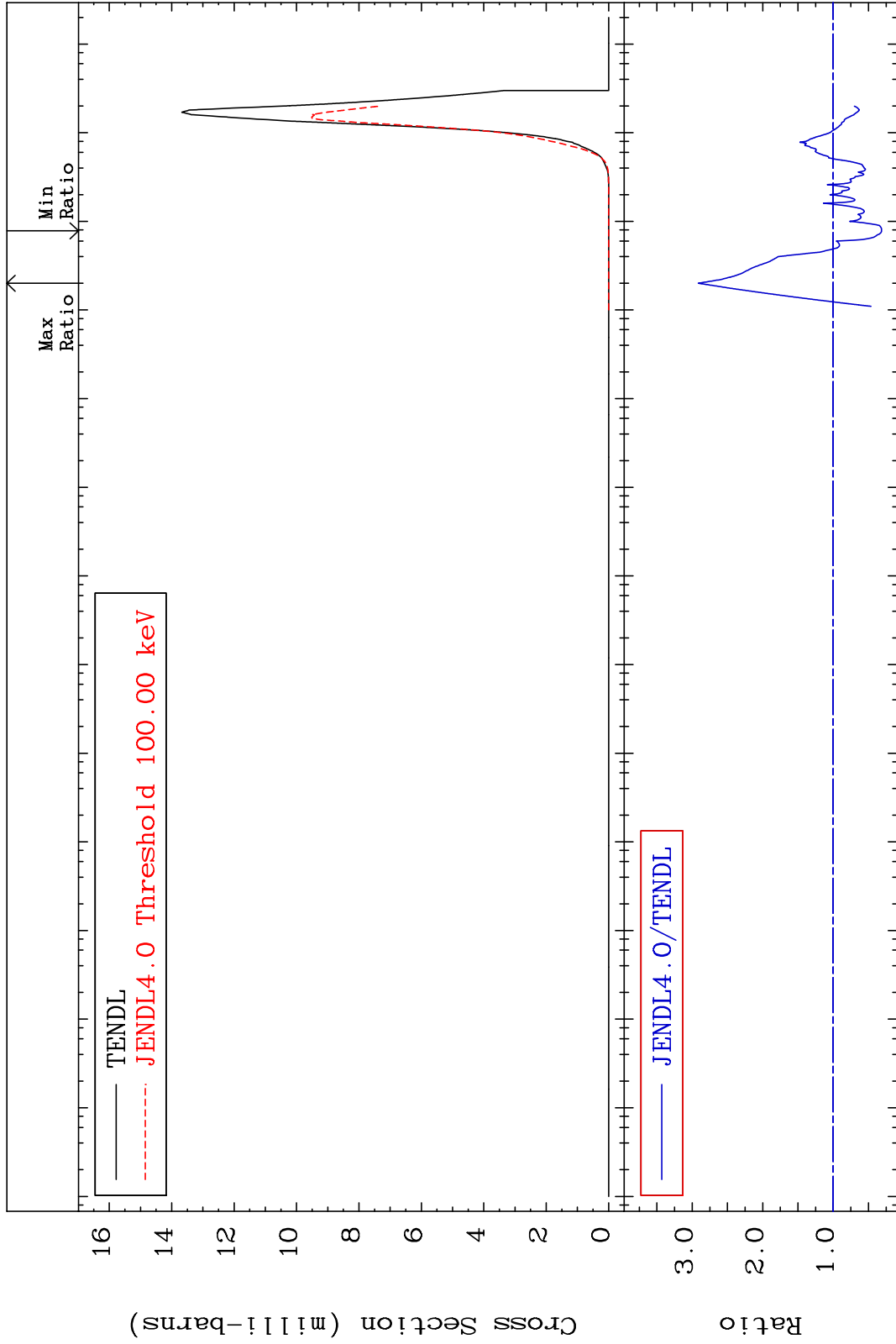
MAT 4031

(n,  $\alpha$ )

40-Zr-92

Cross Section

-68.54 To 191.3 %



Incident Energy (eV)

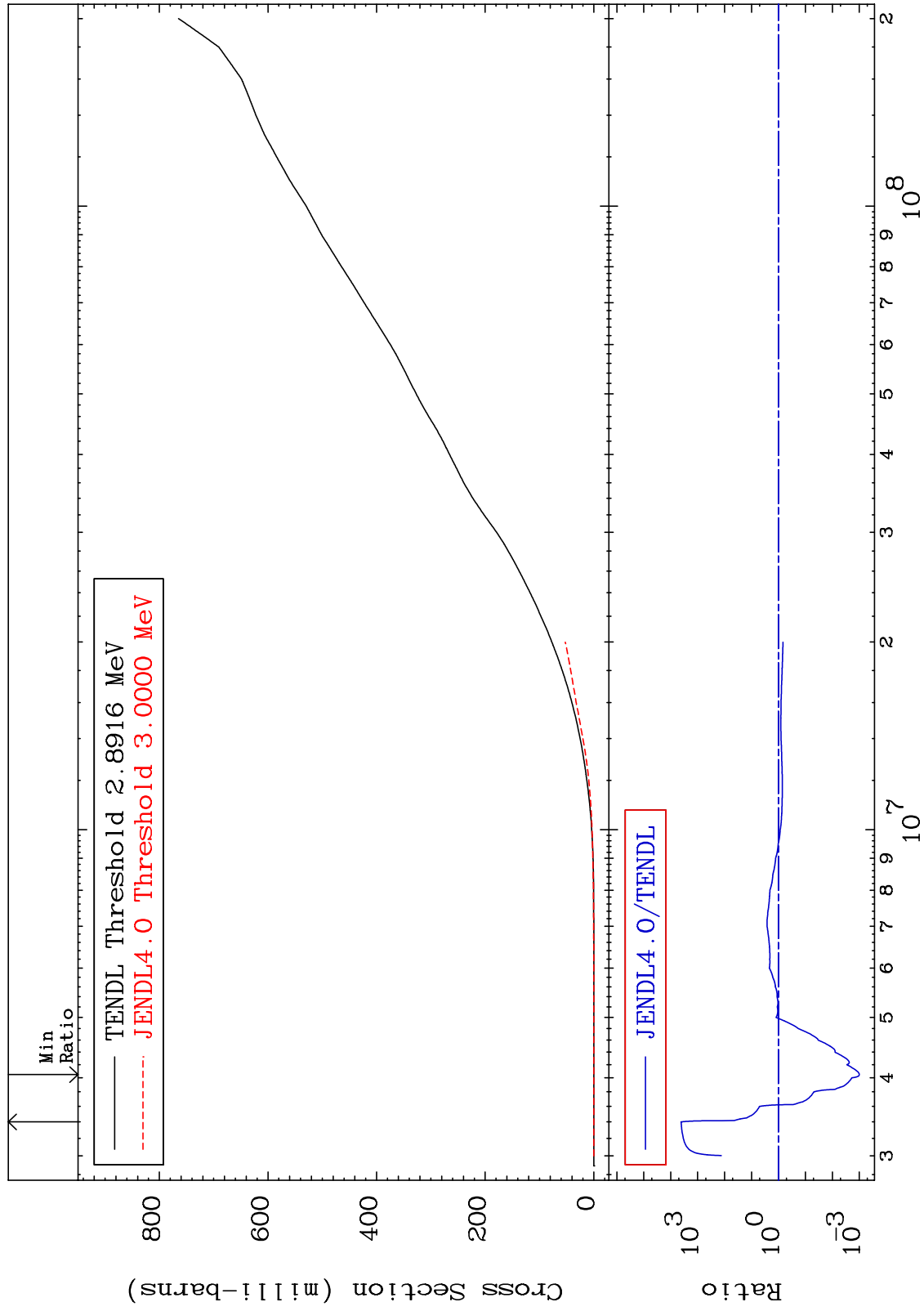
40-Zr-92

32

MAT 4031

Hydrogen Production  
Cross Section

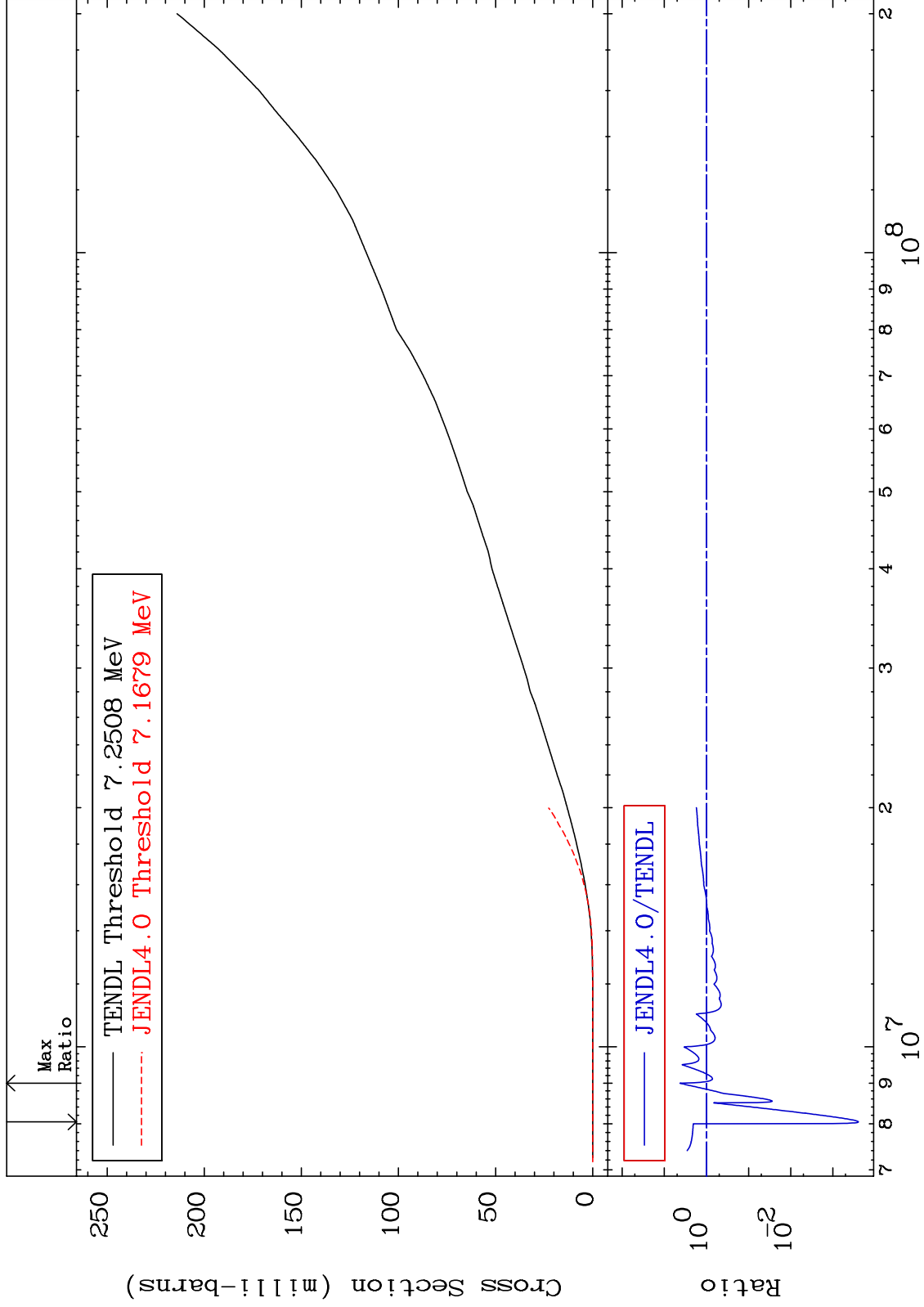
40-Zr-92  
-99.90 To 9999. %



MAT 4031

Deuterium Production  
Cross Section

40-Zr-92  
-99.98 To 324.2 %



34

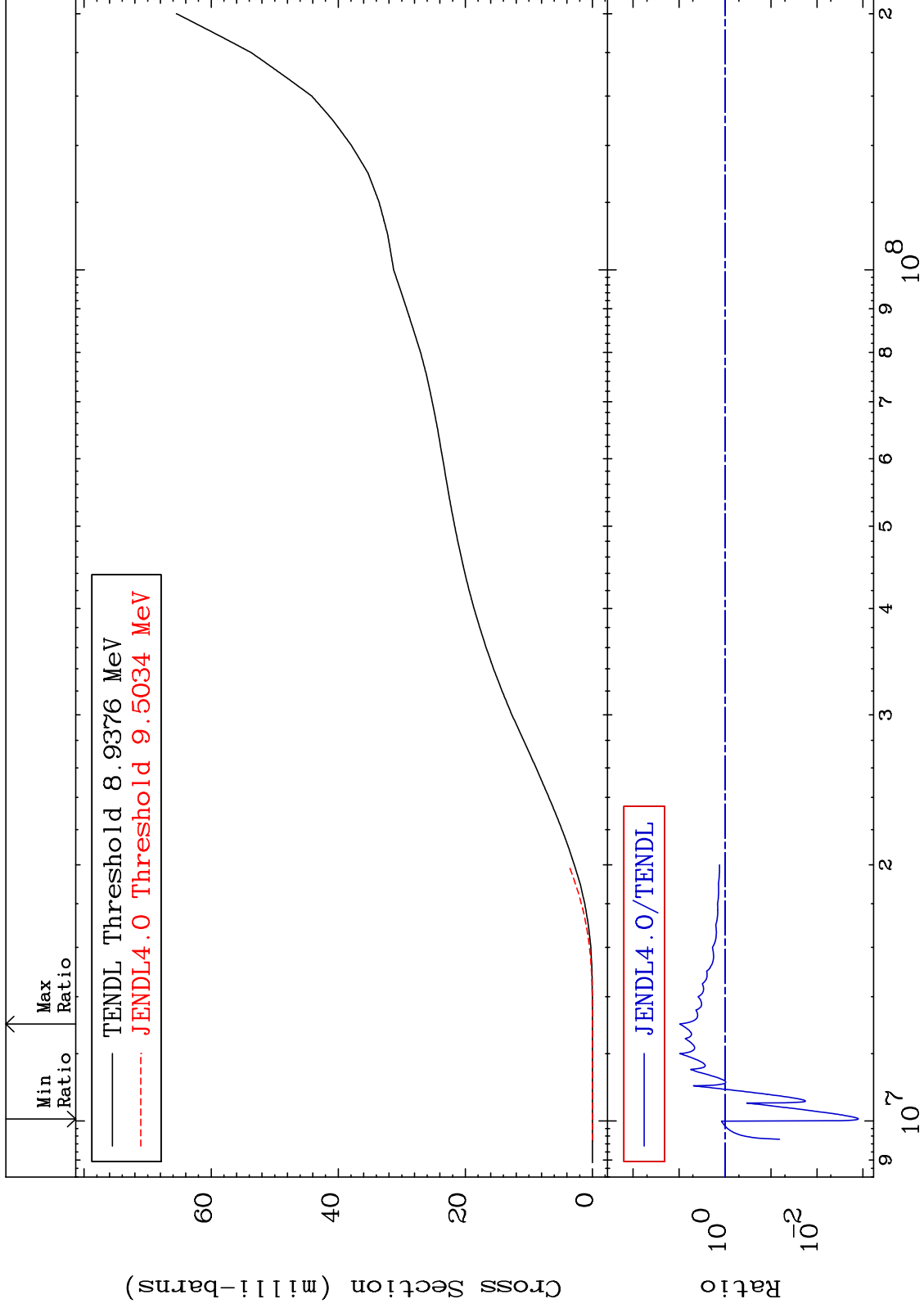
Incident Energy (eV)

40-Zr-92

MAT 4031

Tritium Production  
Cross Section

40-Zr-92  
-99.87 To 864.5 %



35

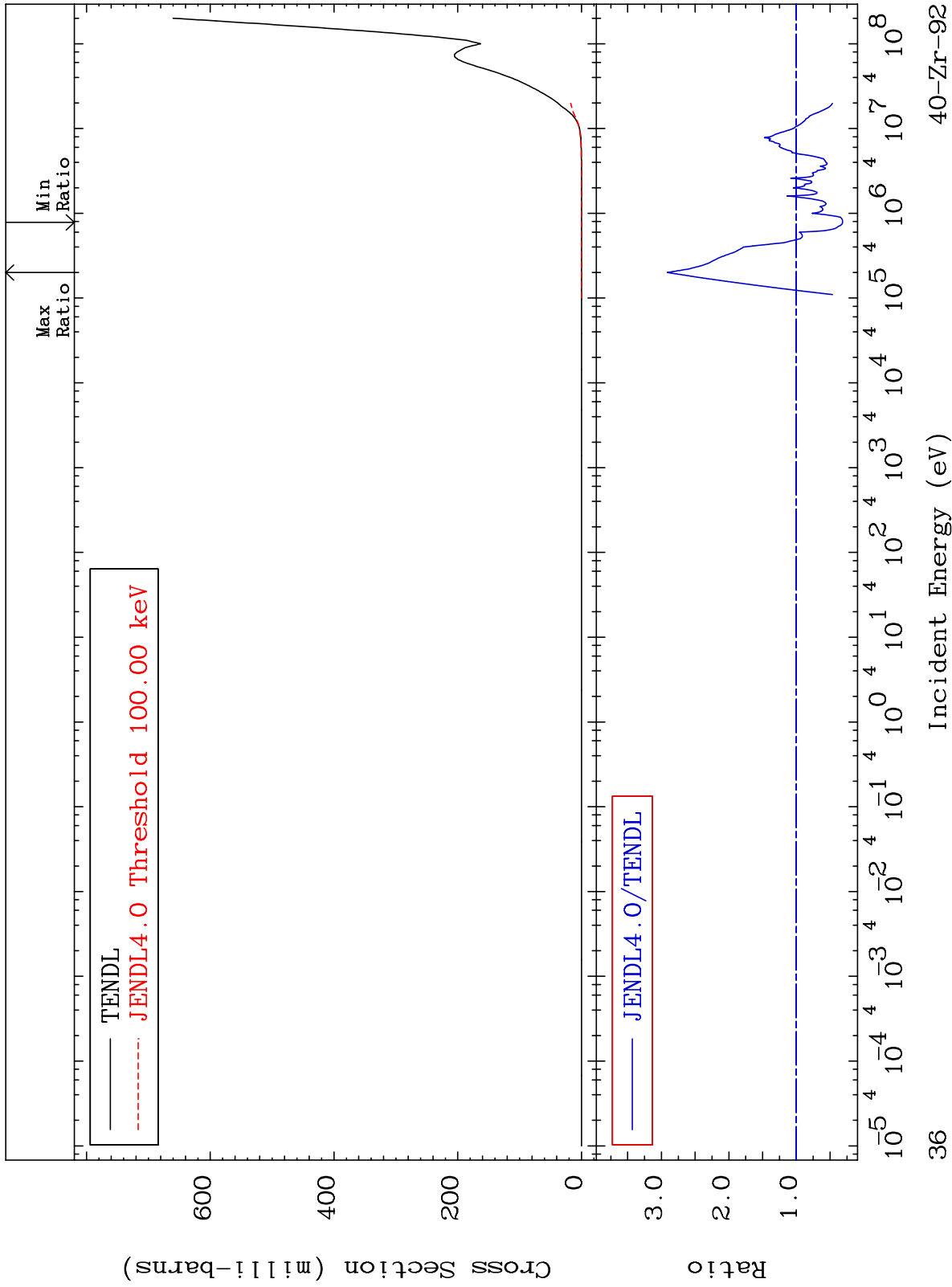
Incident Energy (eV)

40-Zr-92

MAT 4031

He-4 Production  
Cross Section

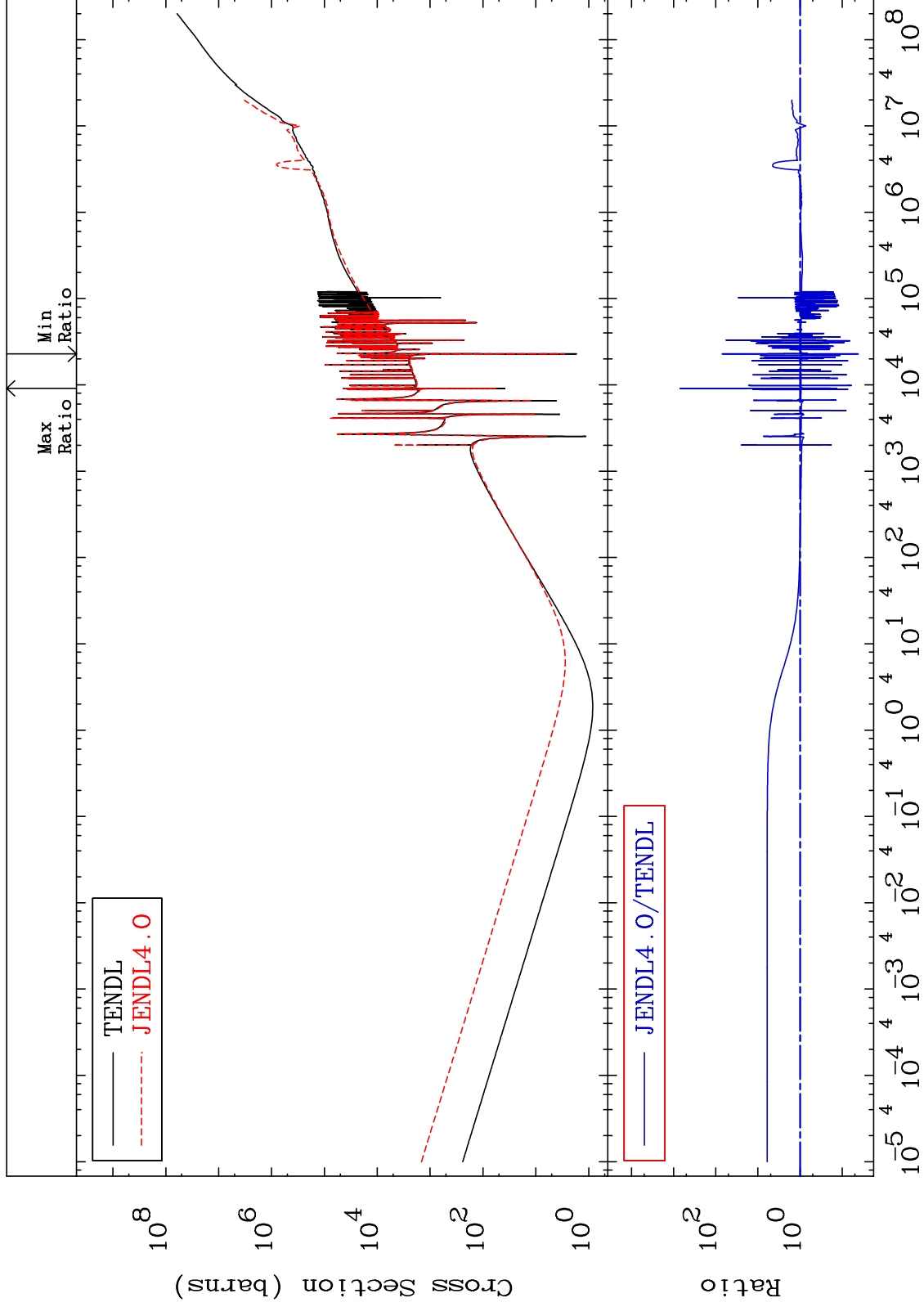
40-Zr-92  
-68.54 To 191.3 %



MAT 4031

Kerma total (eV-barns)  
Cross Section

40-Zr-92  
-95.88 To 9999. %



37

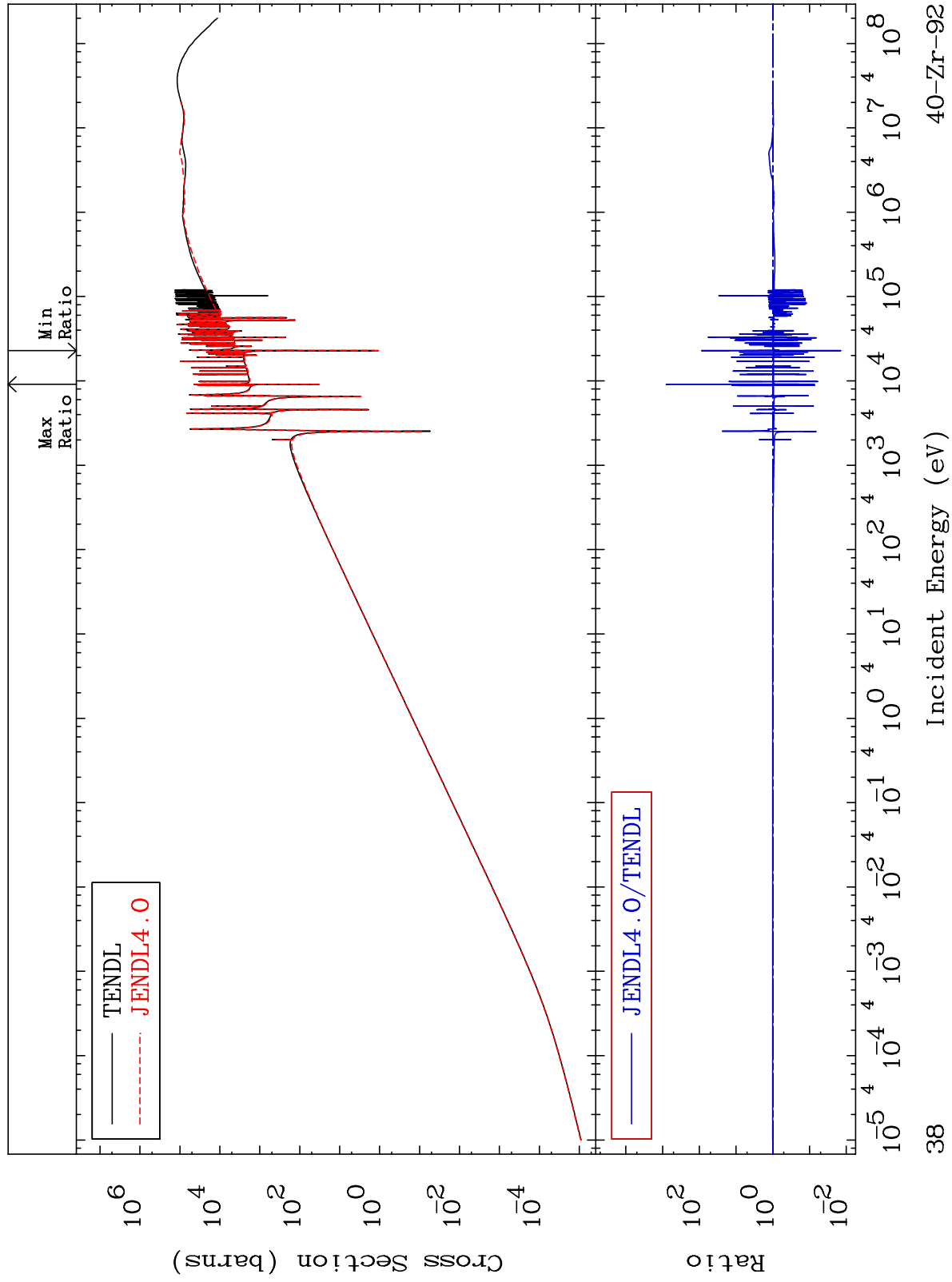
Incident Energy (eV)

40-Zr-92

MAT 4031

Kerma elastic  
Cross Section

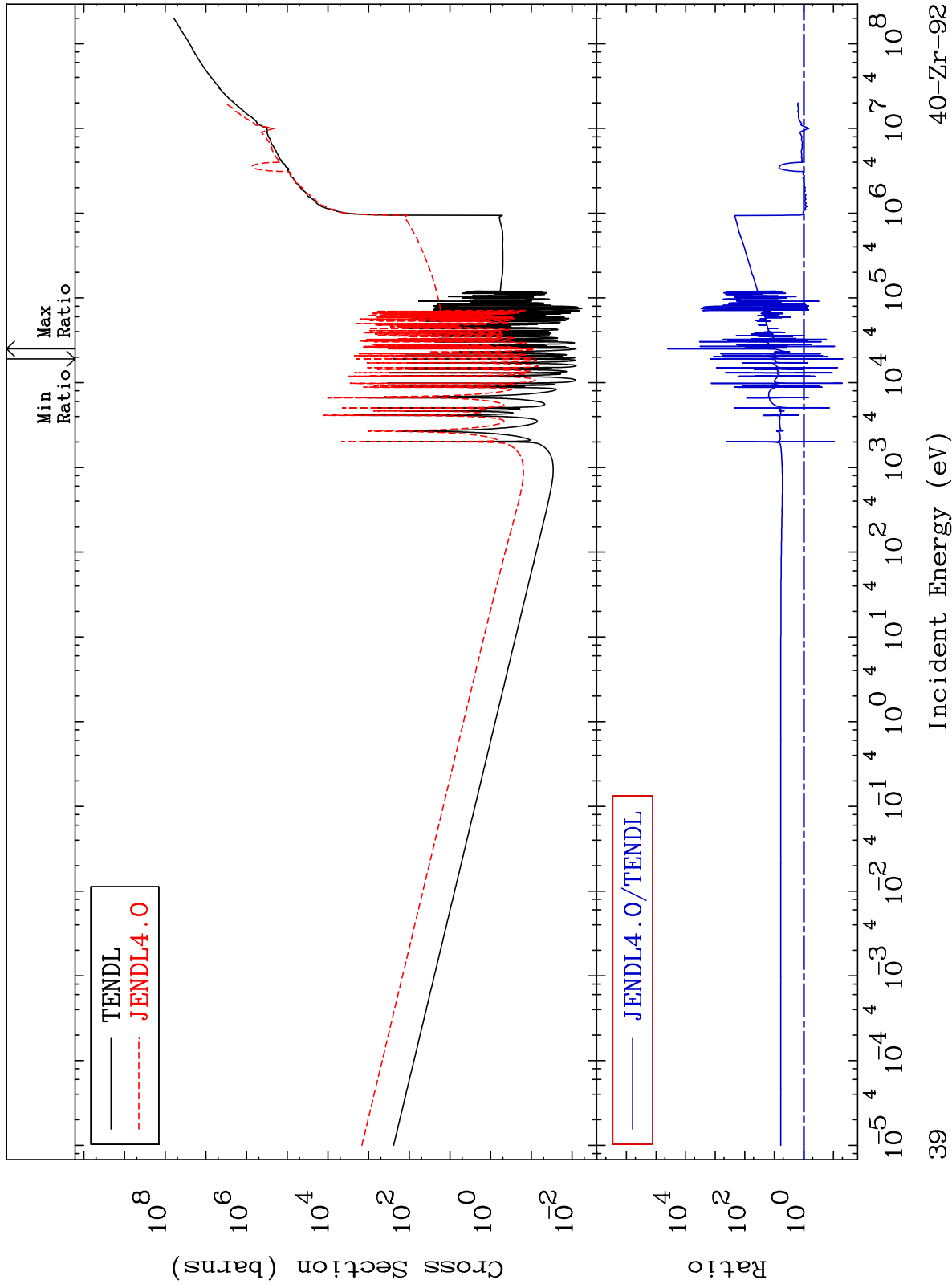
40-Zr-92  
-98.59 To 9999. %



MAT 4031

Kerma non-elastic (all but mt2)  
Cross Section

40-Zr-92  
-95.14 To 9999. %

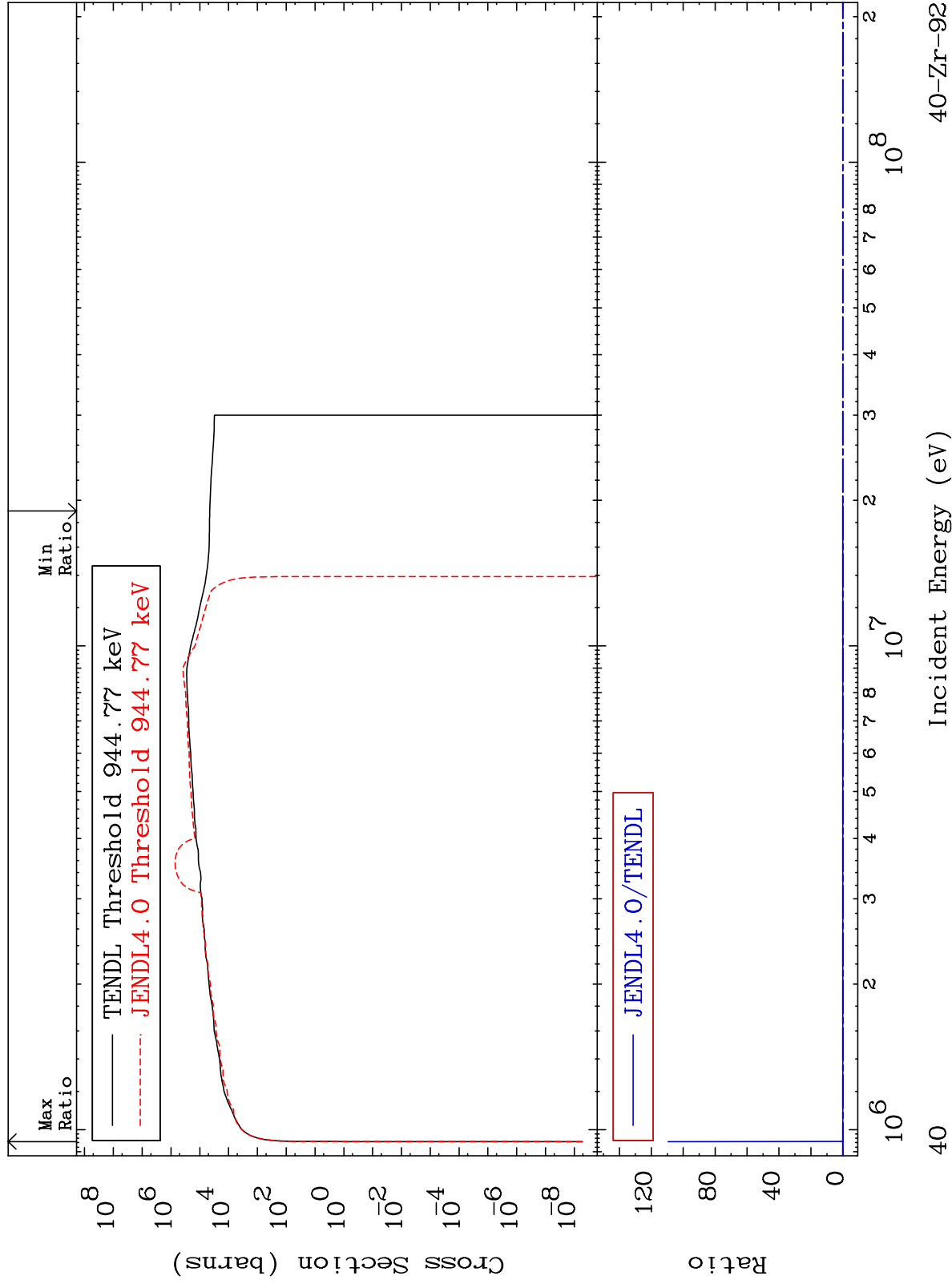




MAT 4031

Kerma inelastic (mt51-91)  
Cross Section

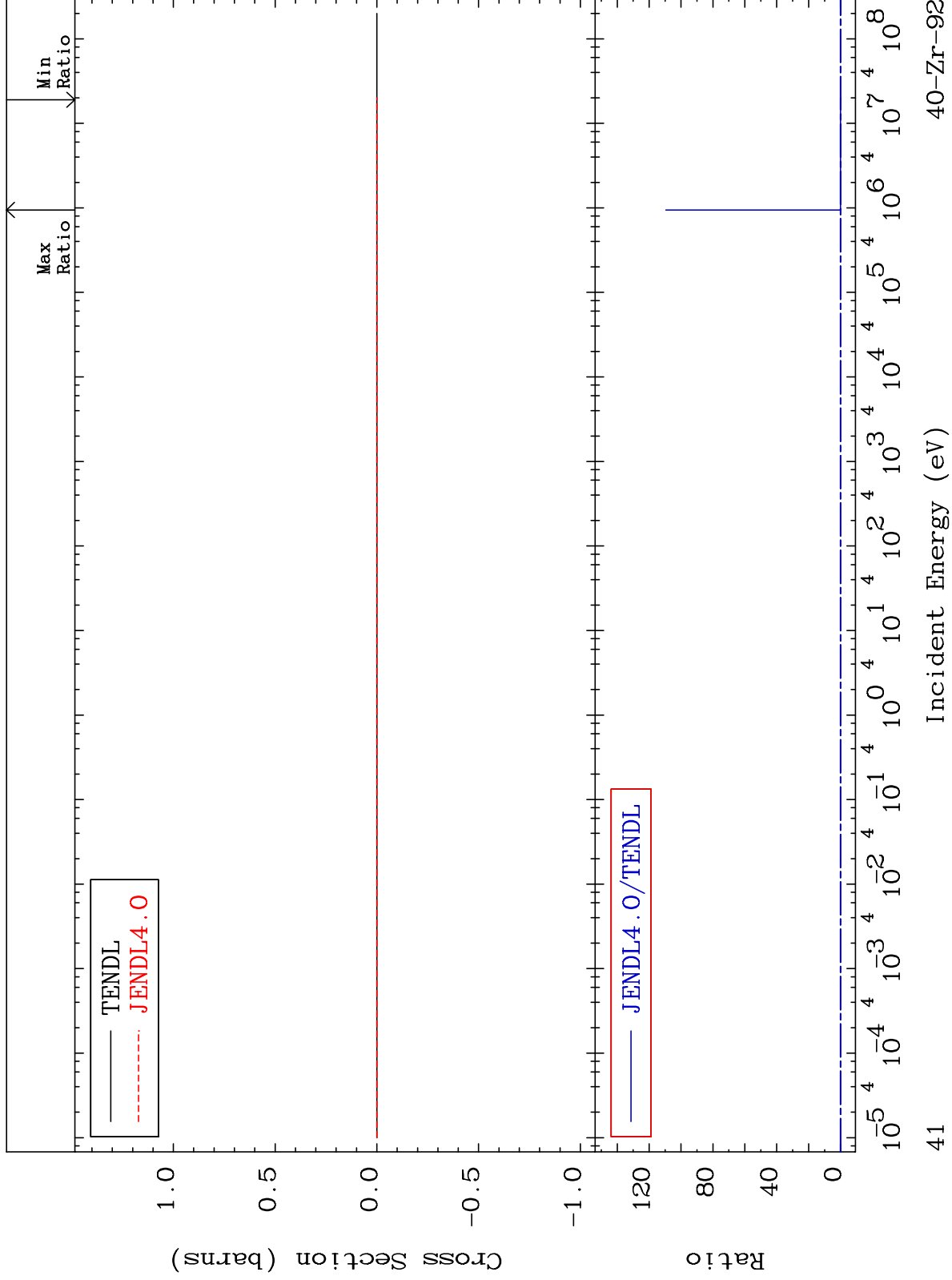
40-Zr-92  
-211.4 To 9999. %



MAT 4031

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

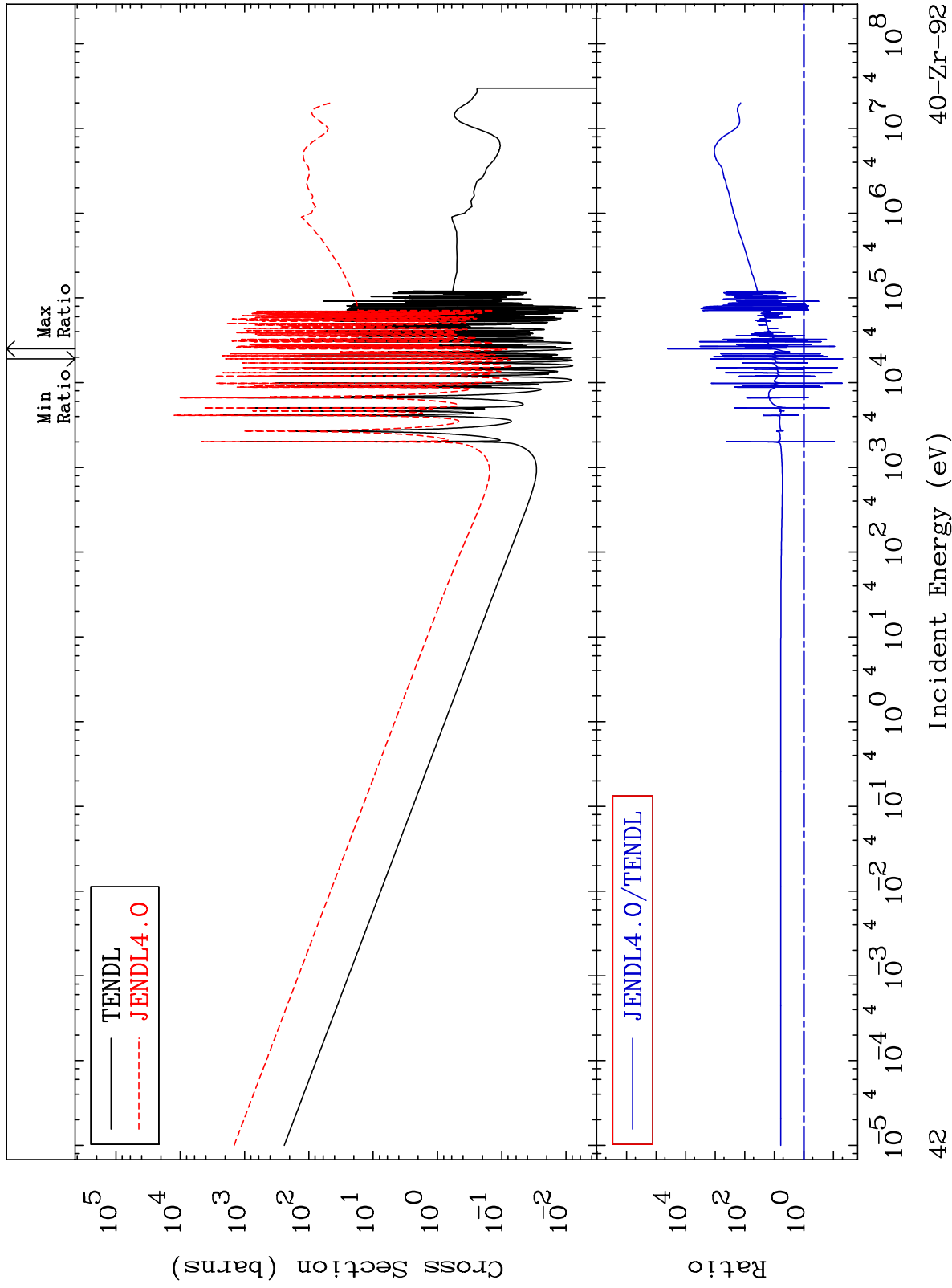
40-Zr-92  
-211.4 To 9999. %



MAT 4031

Kerma capture (mt102)  
Cross Section

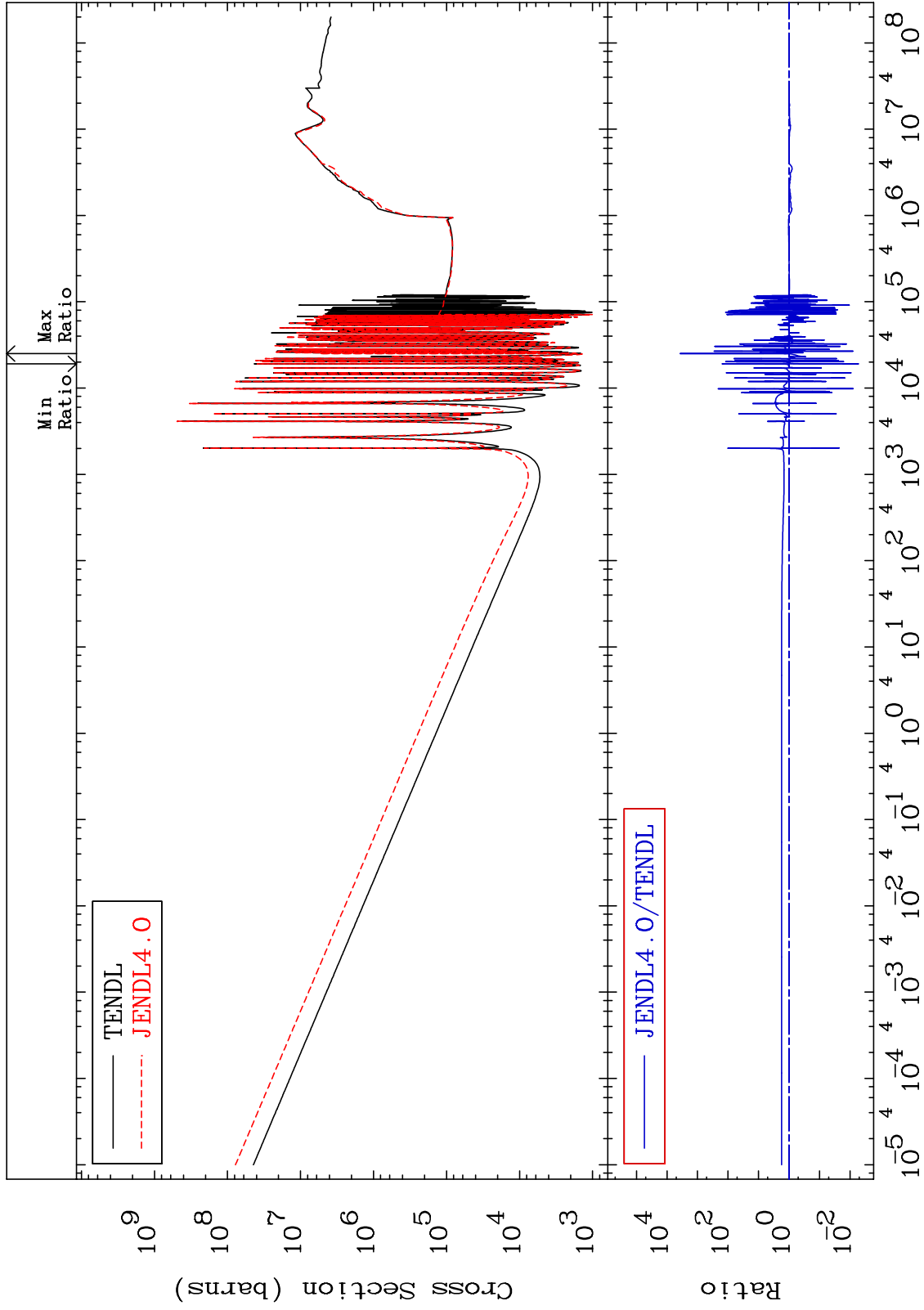
40-Zr-92  
-95.14 To 9999. %



MAT 4031

Total photon (eV-barns)  
Cross Section

40-Zr-92  
-99.47 To 9999. %



43

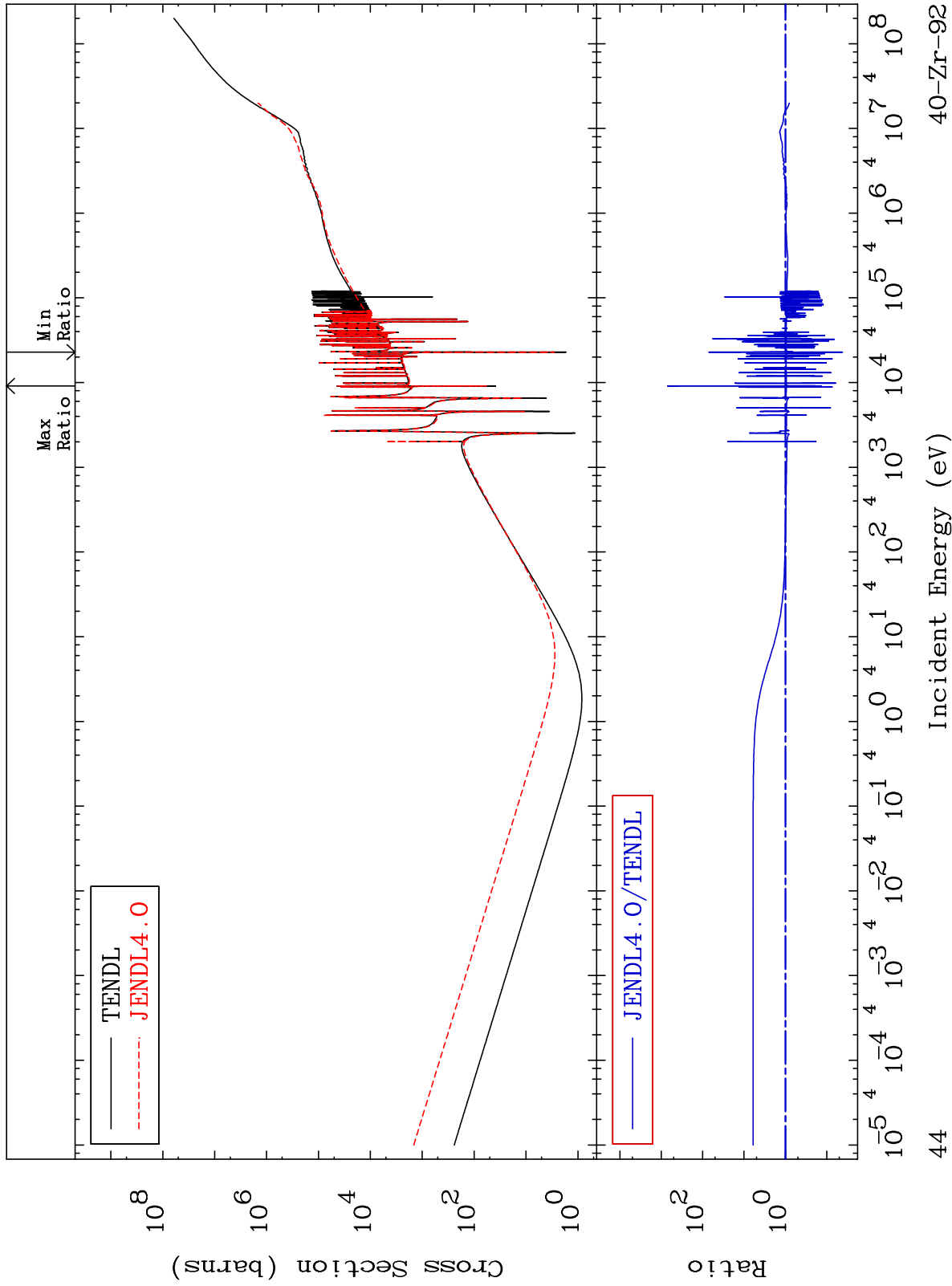
Incident Energy (eV)

40-Zr-92

MAT 4031

Total kinematic kerma (high limit)  
Cross Section

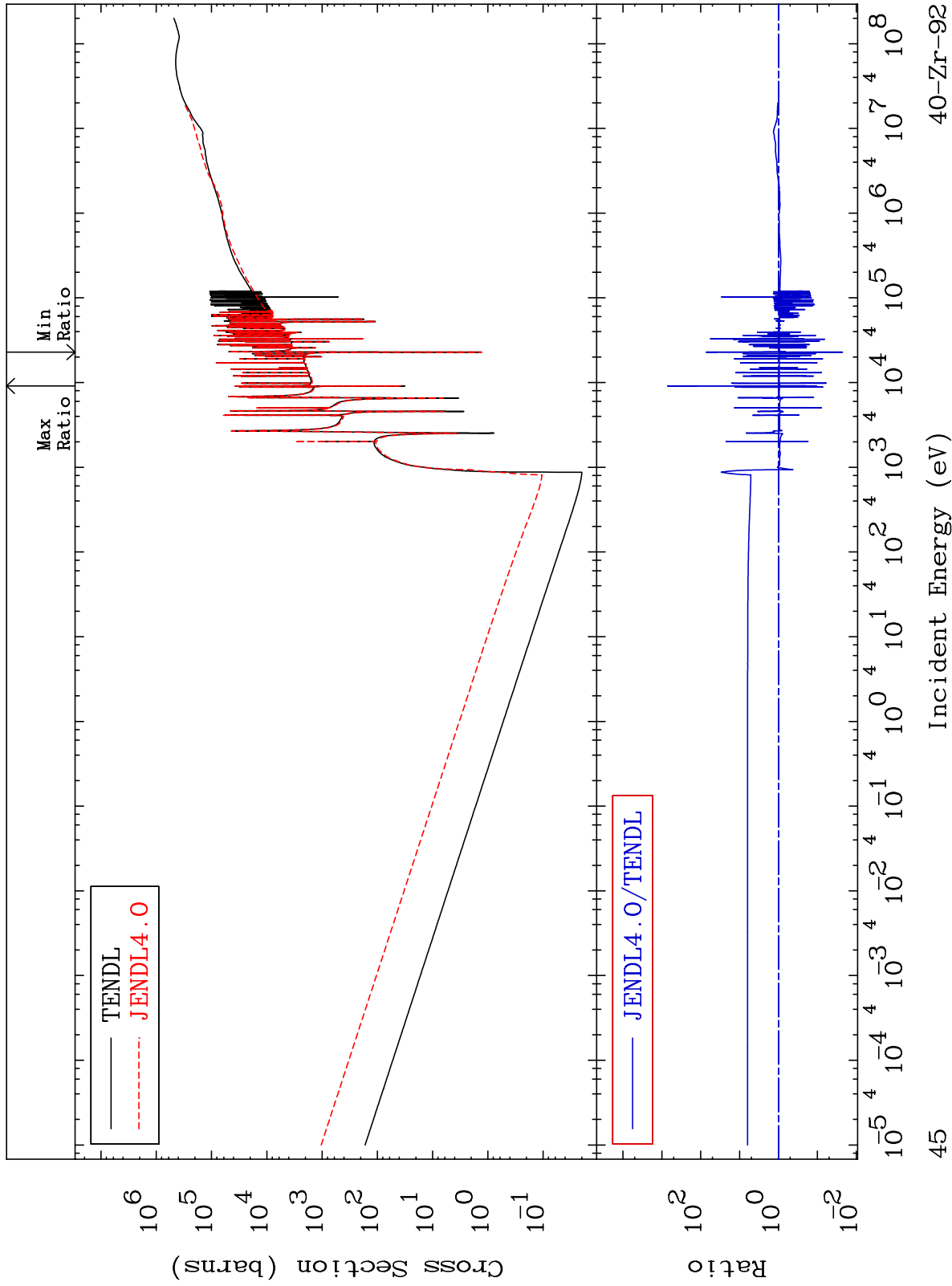
40-Zr-92  
-95.88 To 9999. %



MAT 4031

Dpa total (eV-barns)  
Cross Section

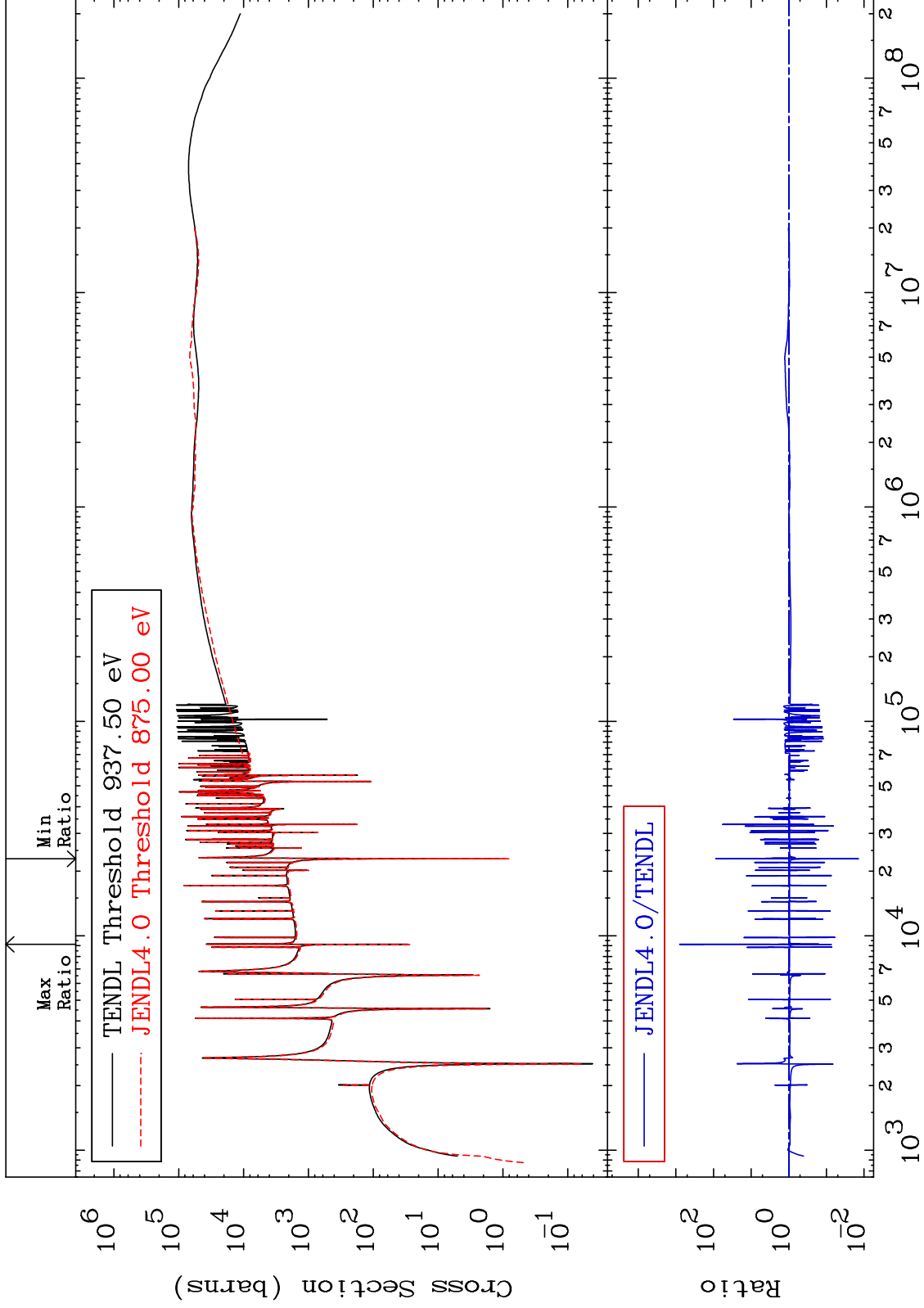
40-Zr-92  
-97.76 To 9999. %



MAT 4031

Dpa elastic (mt2)  
Cross Section

40-Zr-92  
-98.58 To 9999. %



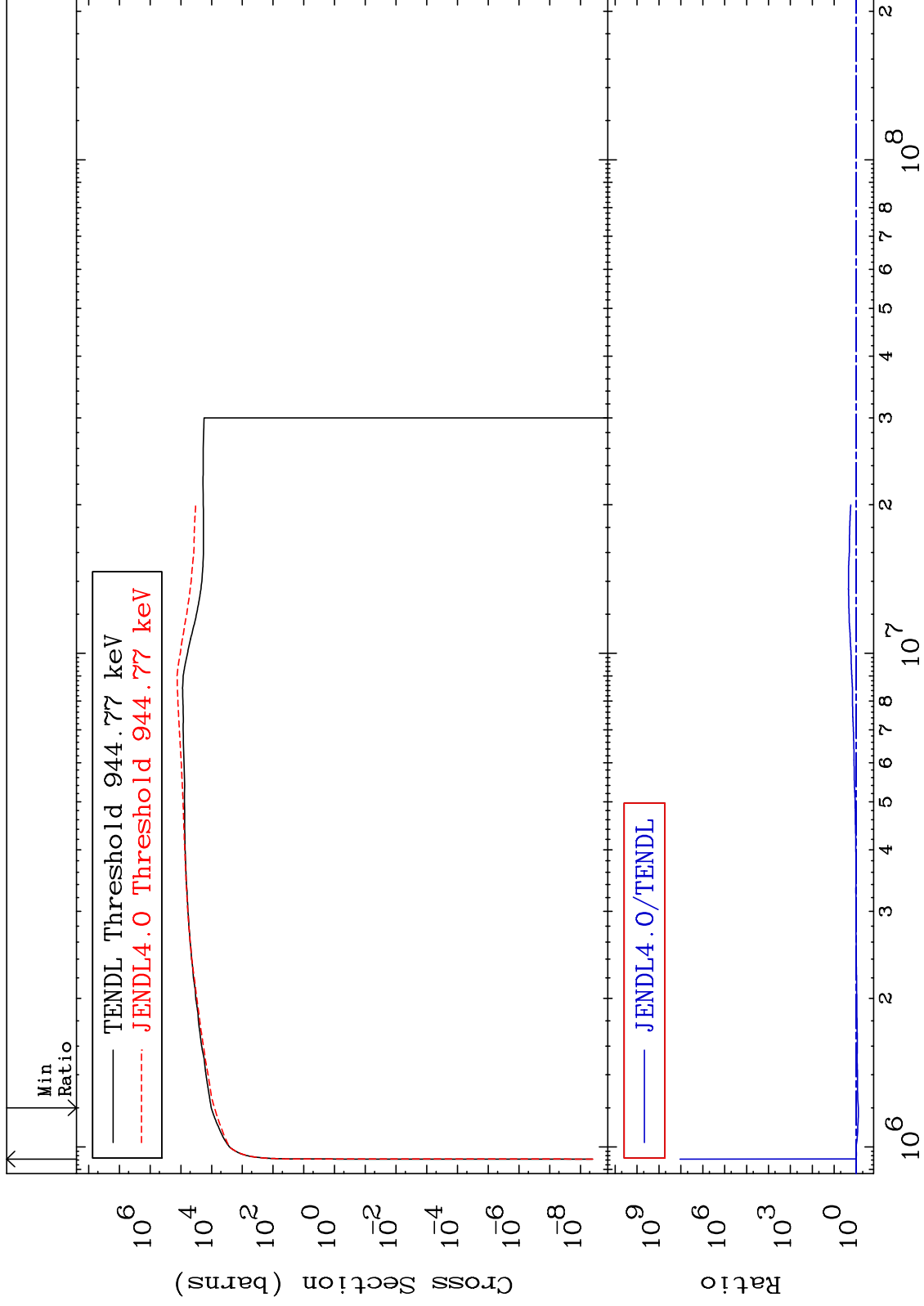
46

40-Zr-92

MAT 4031

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-92  
-21.50 To 9999. %



Incident Energy (eV)

40-Zr-92

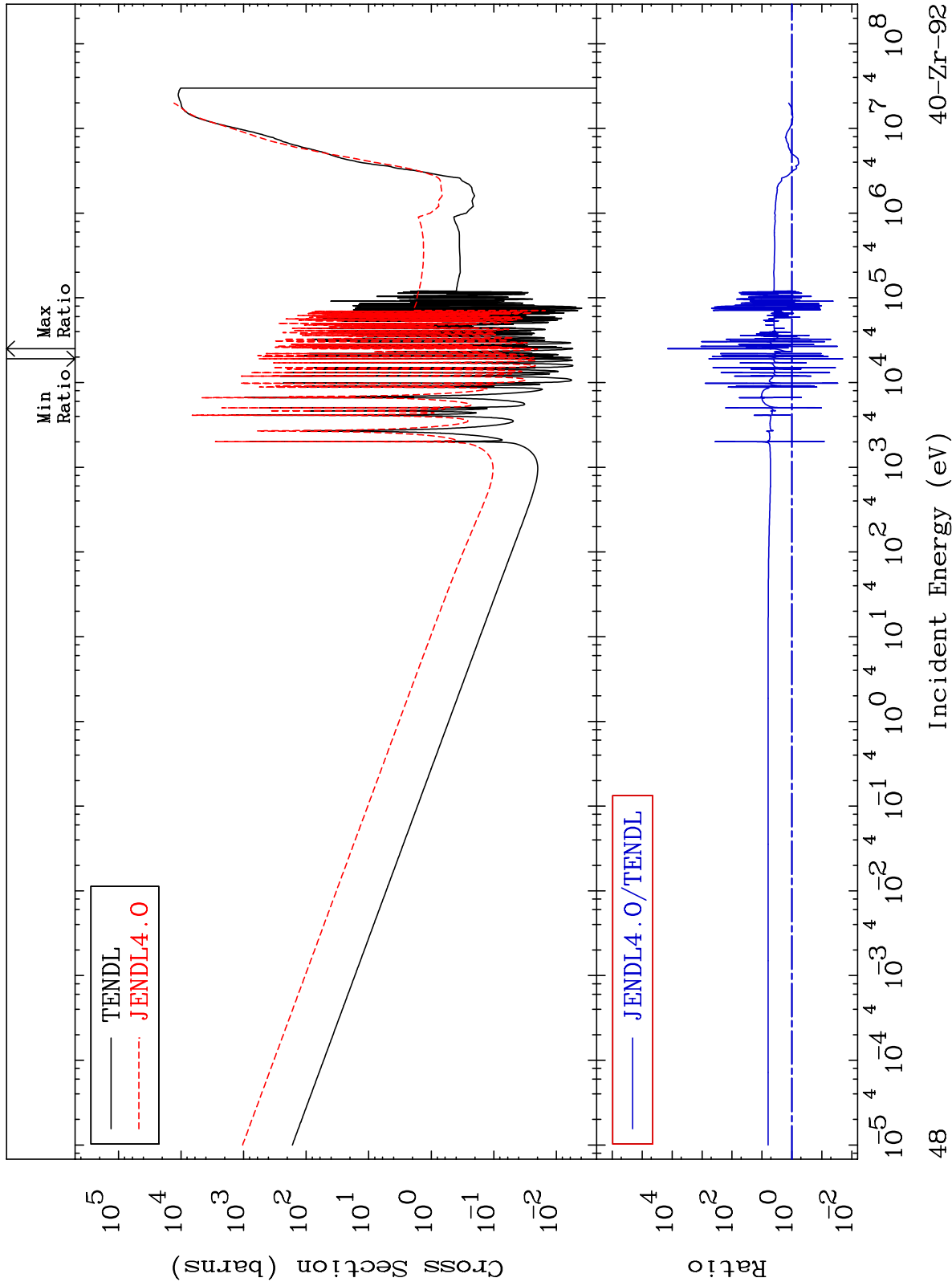
47



MAT 4031

Dpa disappearance (mt102 -120)  
Cross Section

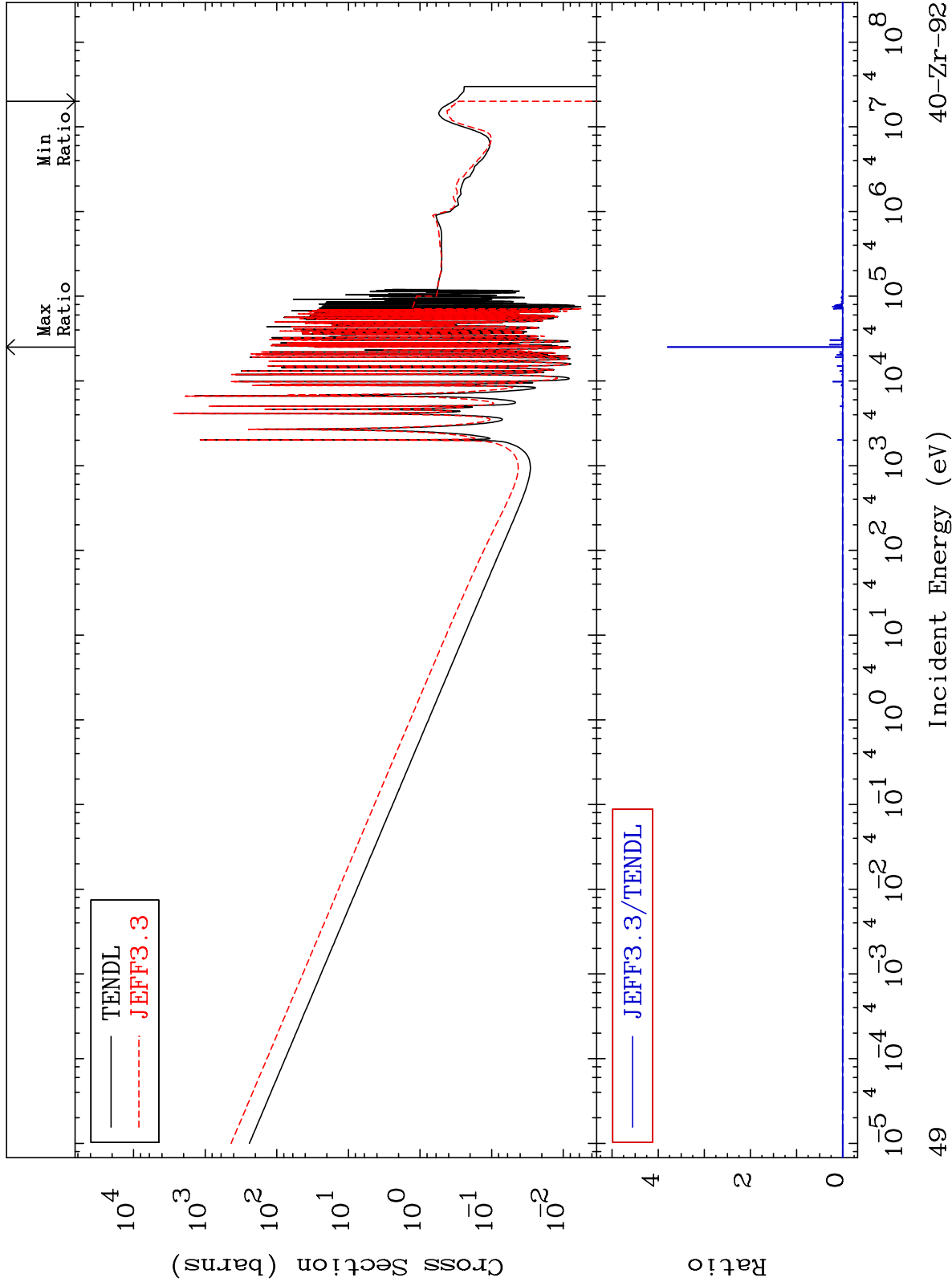
40-Zr-92  
-97.99 To 9999. %



MAT 4031

Kerma capture (mt102)  
Cross Section

40-Zr-92  
-100.0 To 9999. %



49

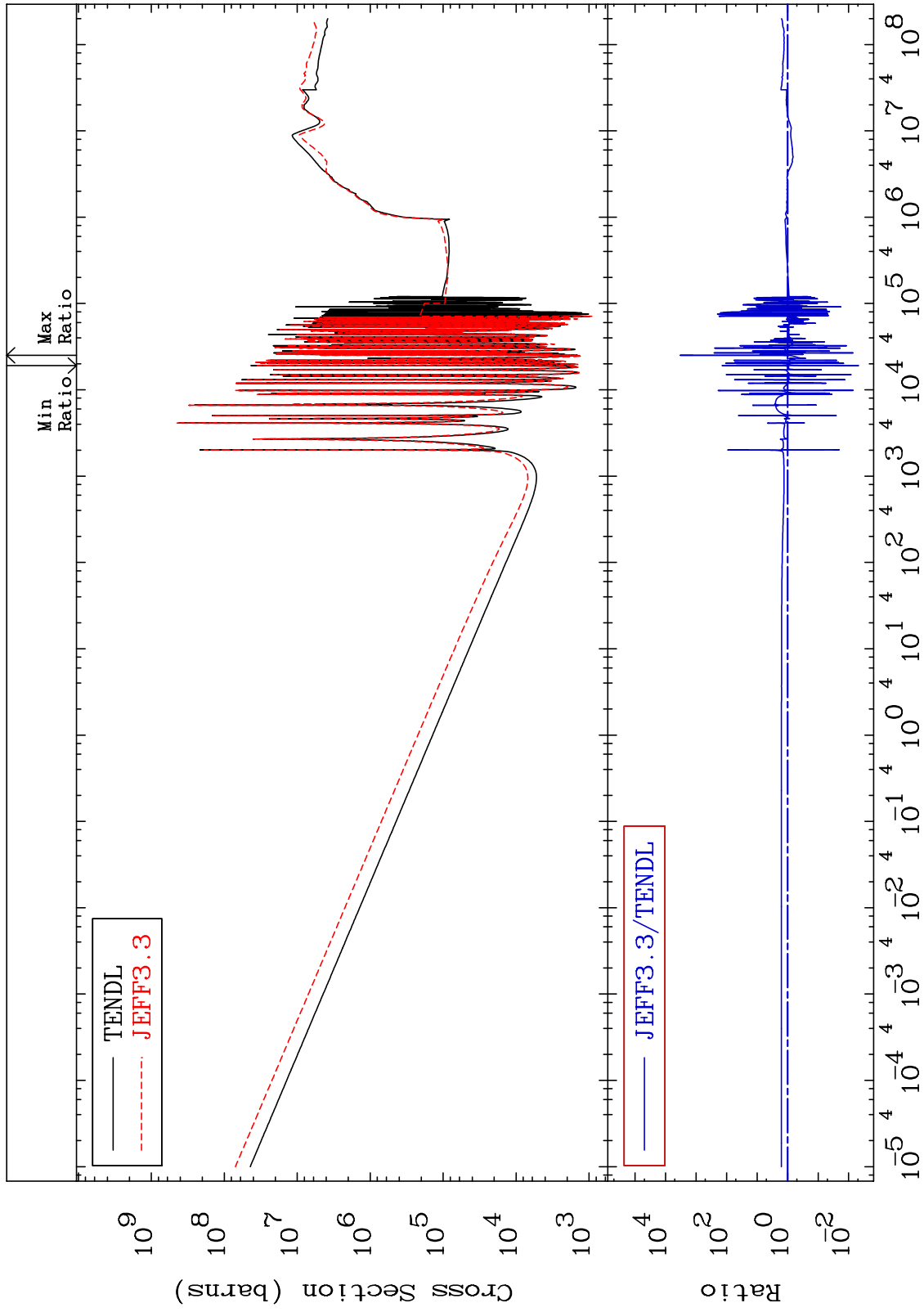
Incident Energy (eV)

40-Zr-92

MAT 4031

Total photon (eV-barns)  
Cross Section

40-Zr-92  
-99.52 To 9999. %



50

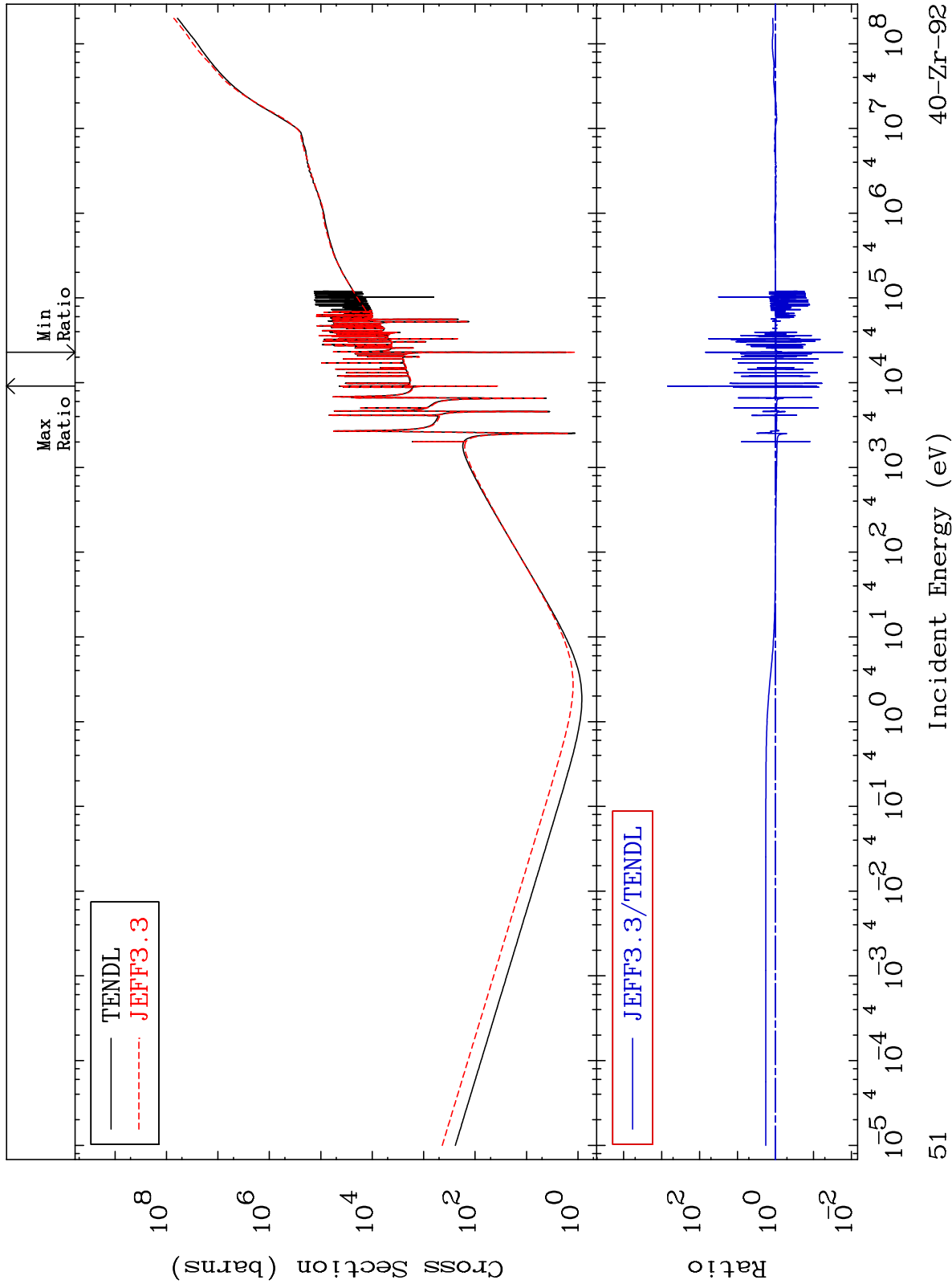
Incident Energy (eV)

40-Zr-92

MAT 4031

Total kinematic kerma (high limit)  
Cross Section

40-Zr-92  
-98.30 To 9999. %



51

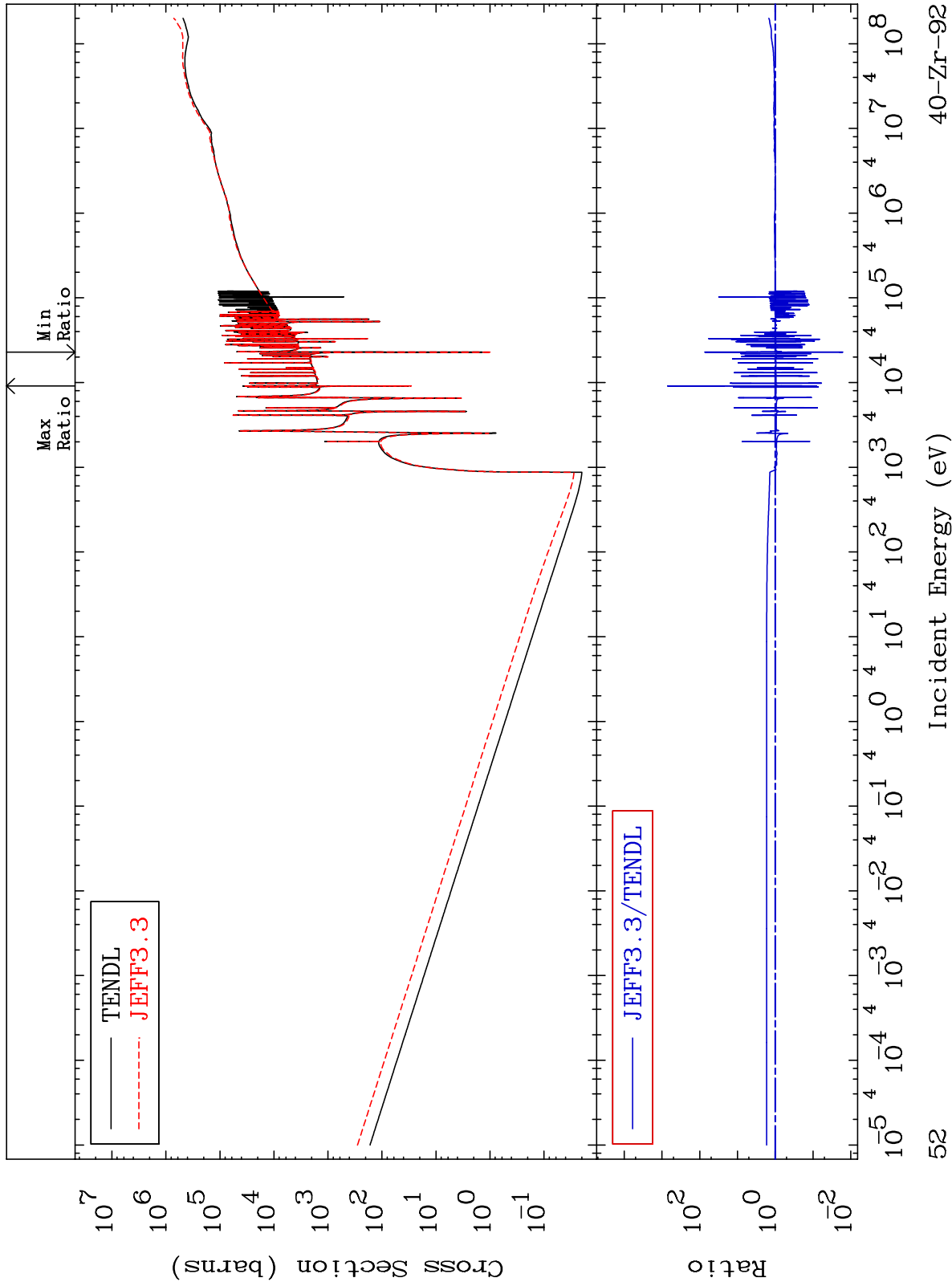
Incident Energy (eV)

40-Zr-92

MAT 4031

Dpa total (eV-barns)  
Cross Section

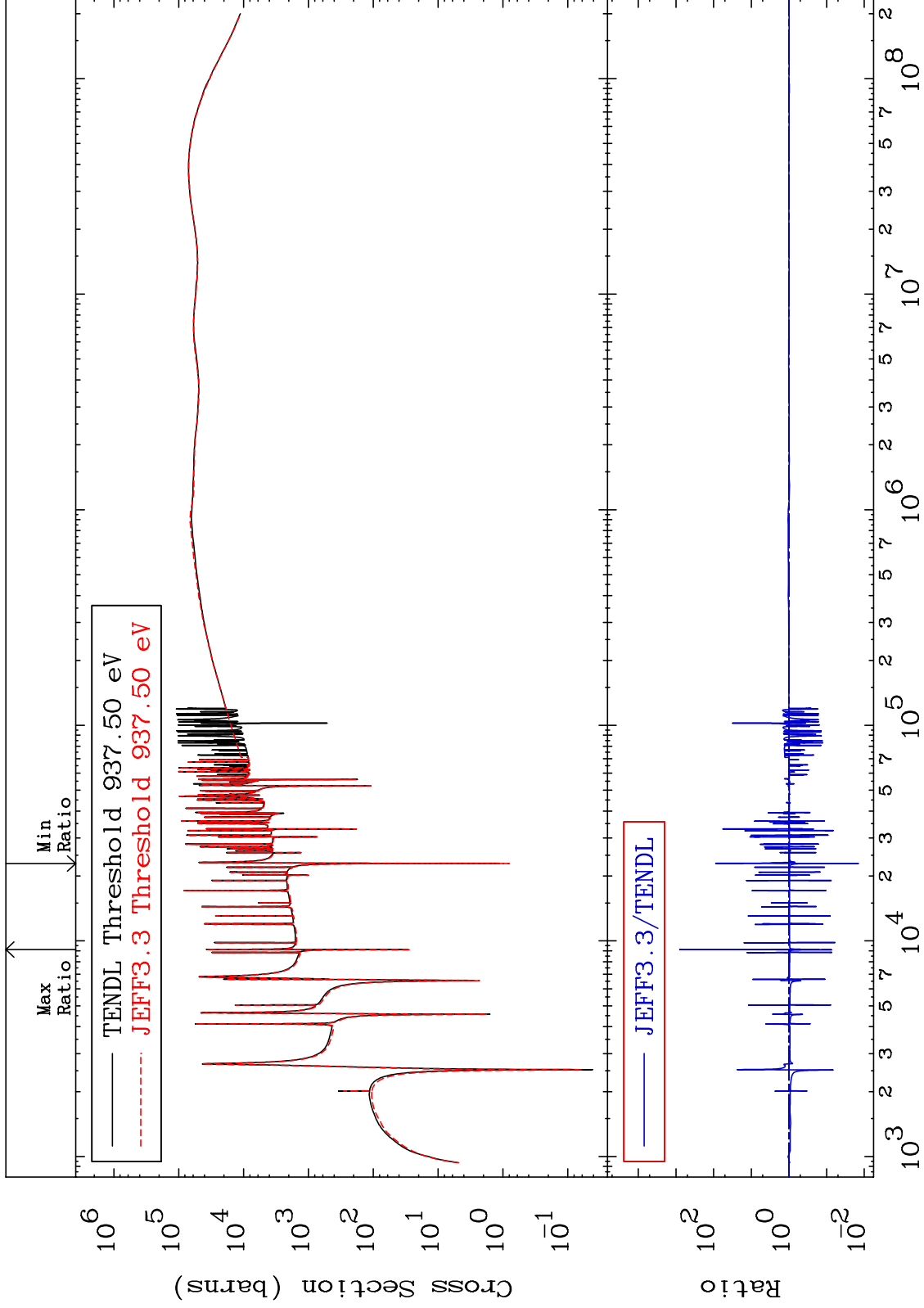
40-Zr-92  
-98.36 To 9999. %



MAT 4031

Dpa elastic (mt2)  
Cross Section

40-Zr-92  
-98.57 To 9999. %



53

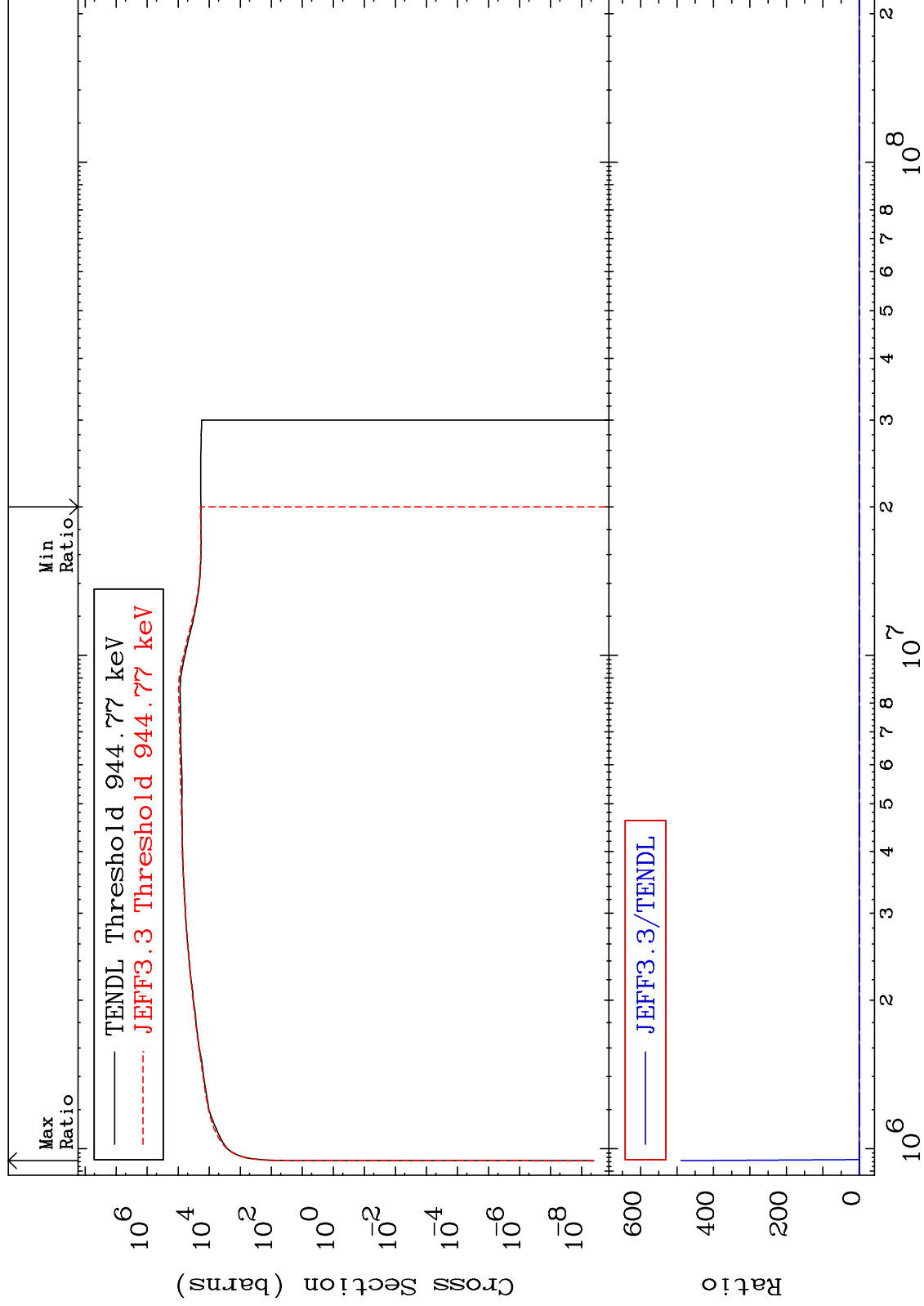
40-Zr-92

40-Zr-92

MAT 4031

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-92  
-100.0 To 9999. %



54

Incident Energy (eV)

40-Zr-92

MAT 4031

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-92  
-100.0 To 9999. %

