

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

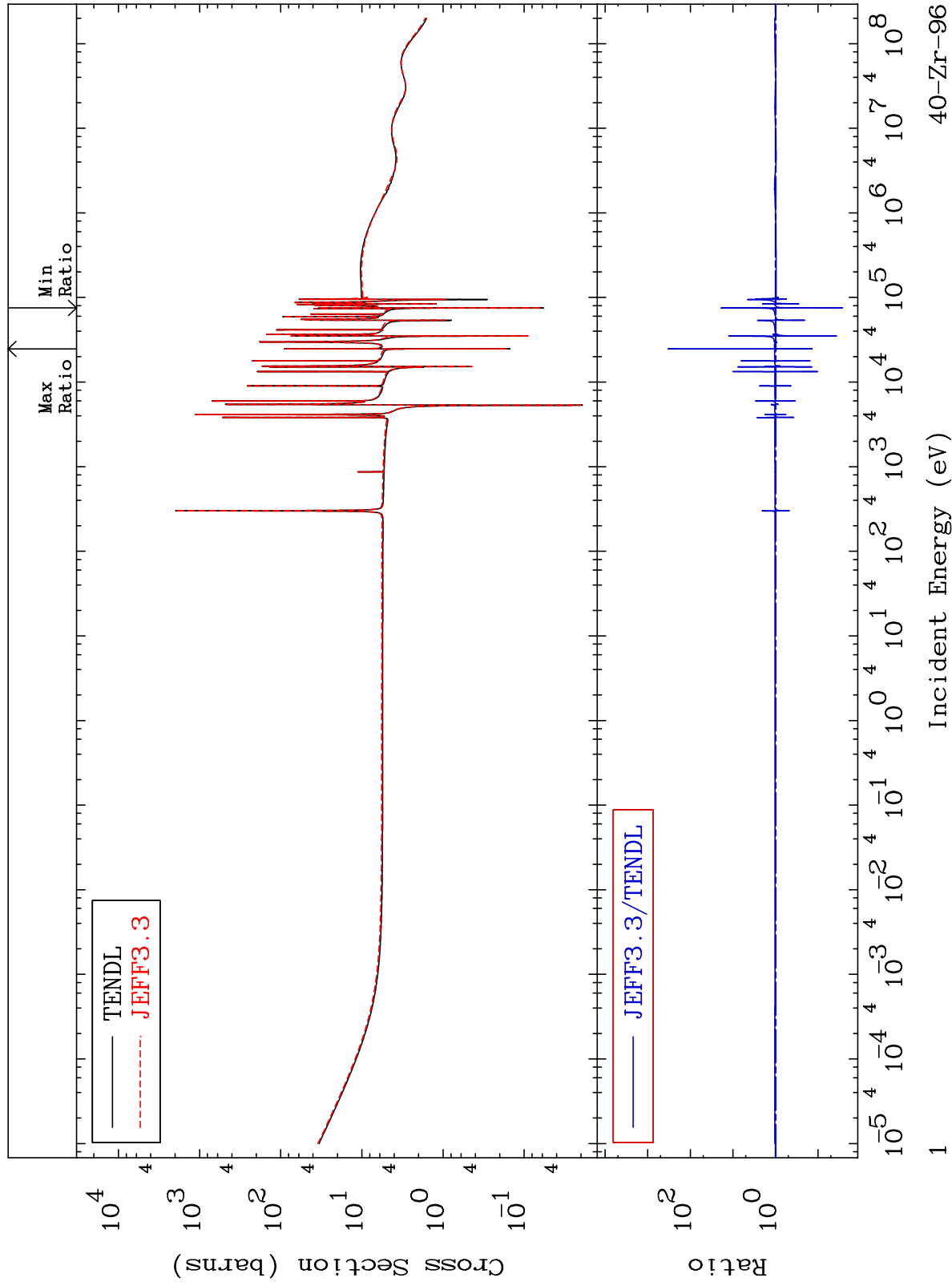
MAT 4043

Total

40-Zr-96

Cross Section

-97.37 To 9999. %



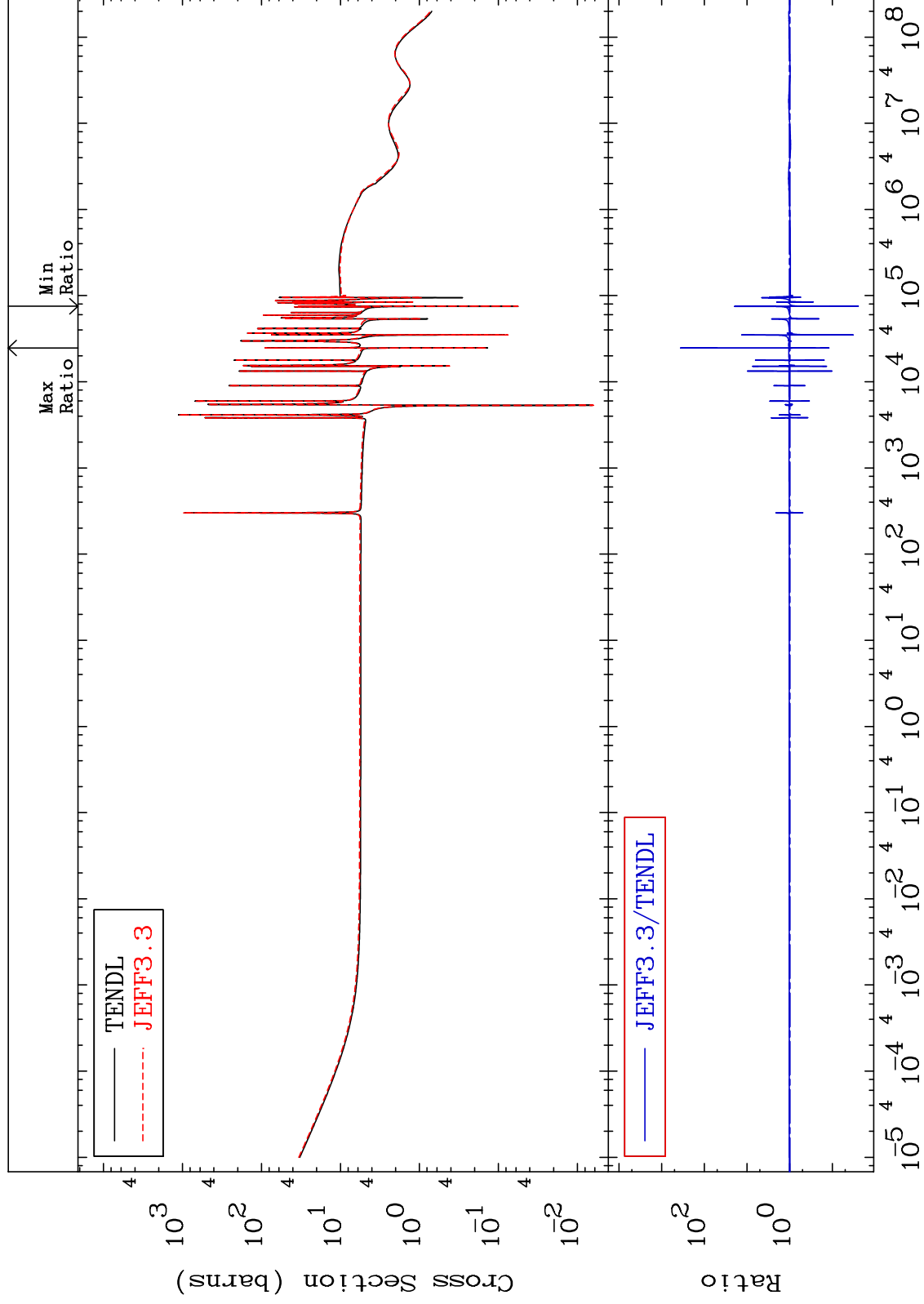
MAT 4043

Elastic

Cross Section

40-Zr-96

-97.56 To 9999. %



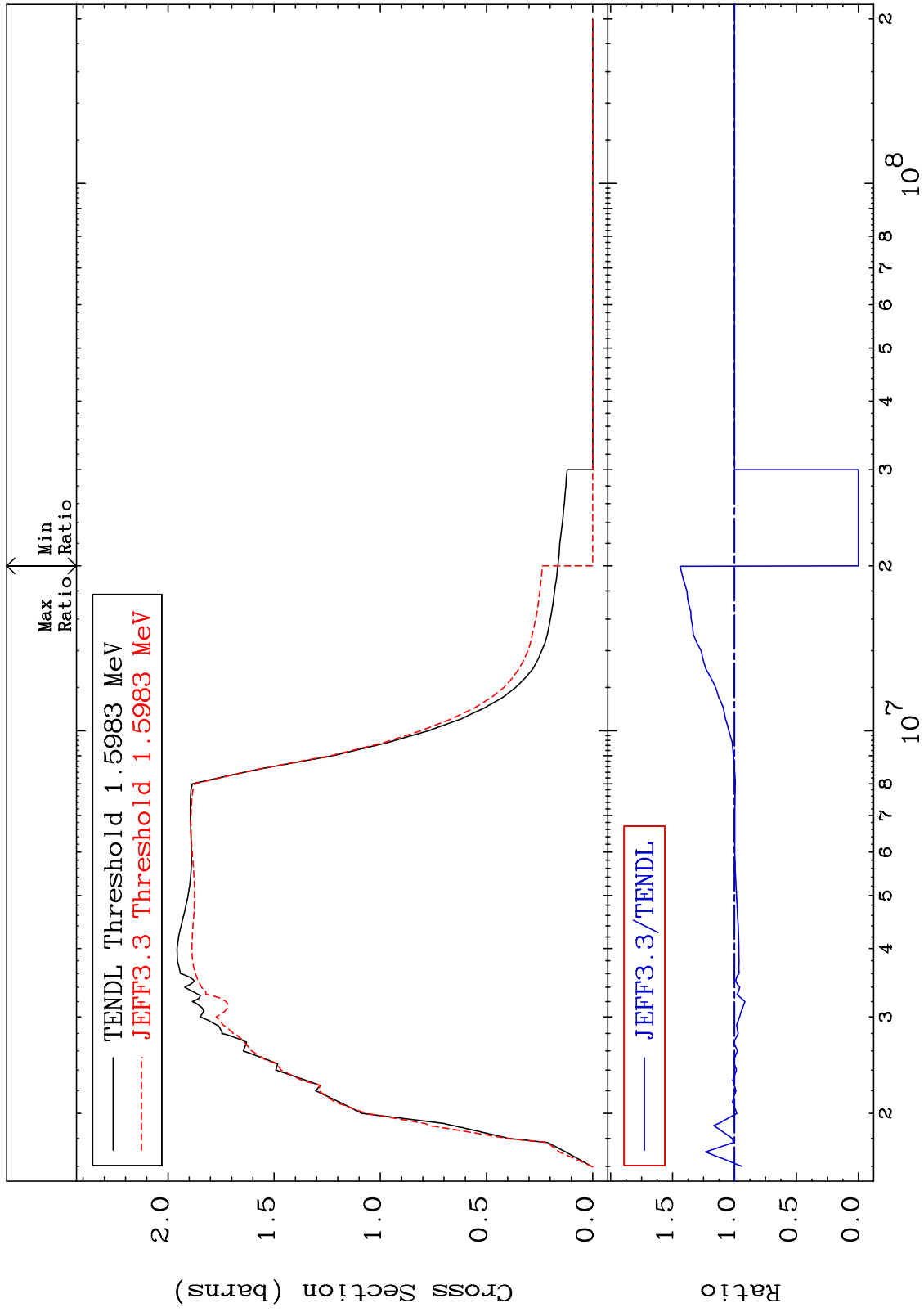
Incident Energy (eV)

40-Zr-96

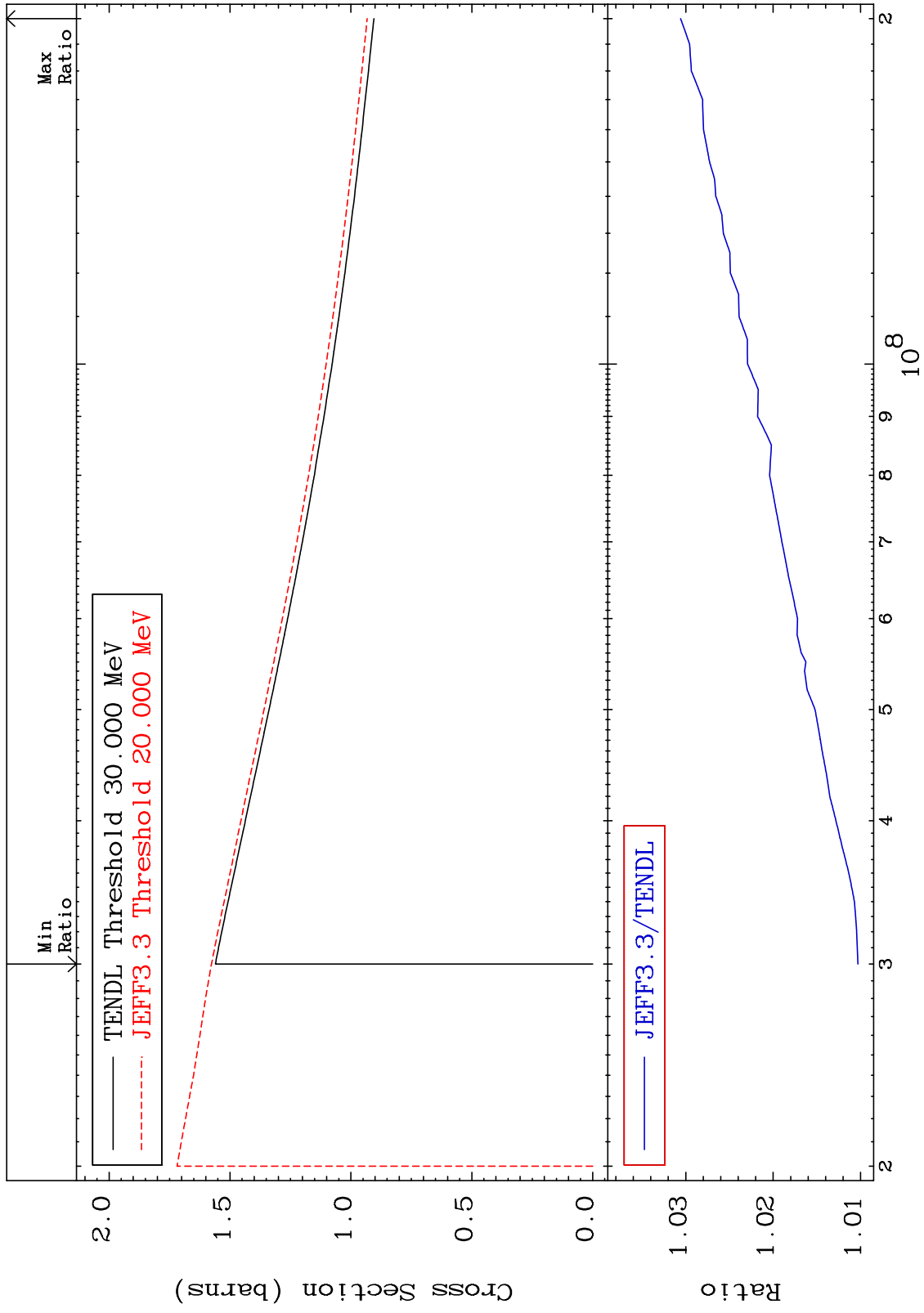
MAT 4043

Inelastic  
Cross Section

40-Zr-96  
-100.0 To 43.99 %



MAT 4043 (n, remainder) Cross Section 40-Zr-96 To 3.060 %



4 40-Zr-96

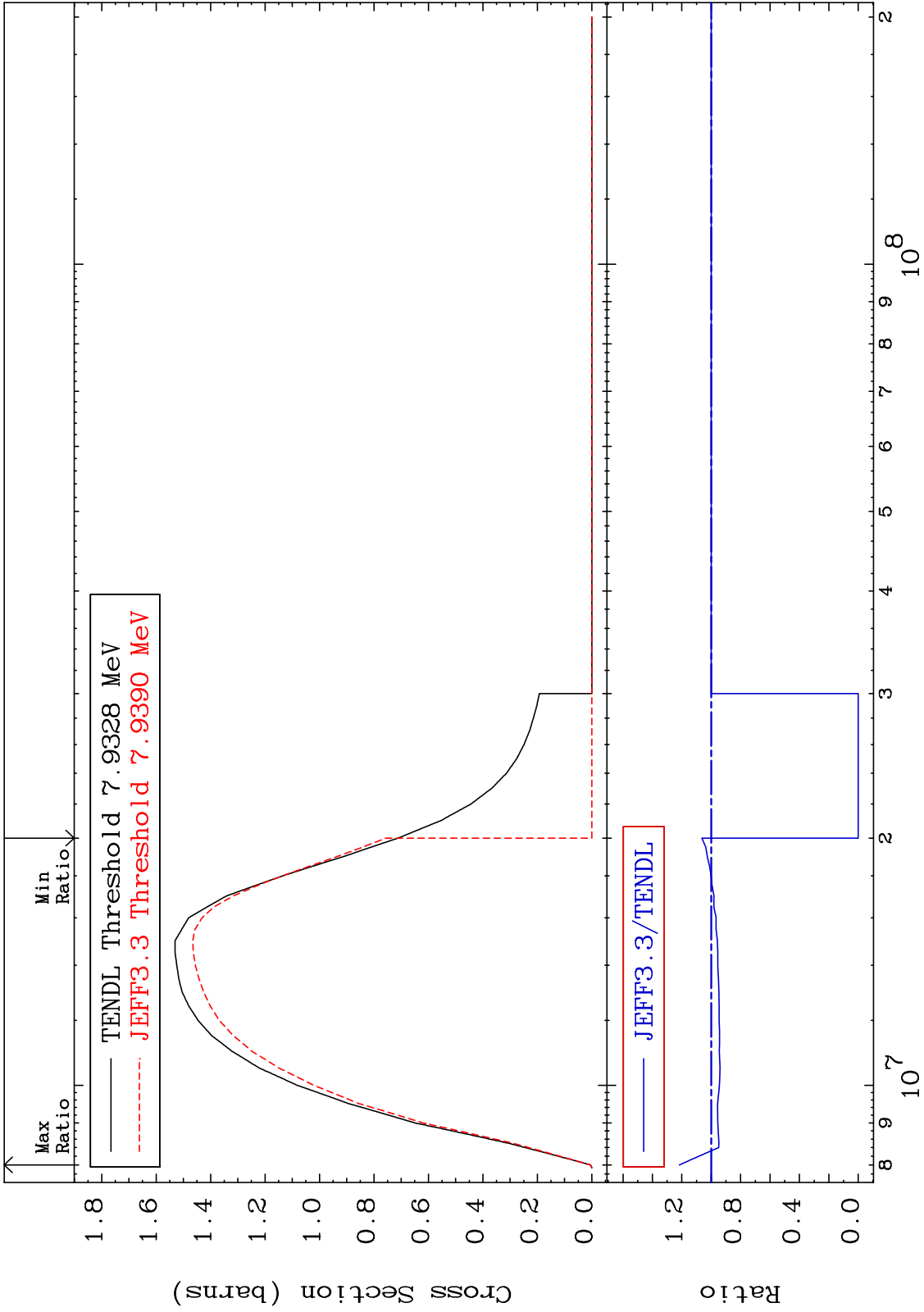
MAT 4043

(n,2n)

40-Zr-96

Cross Section

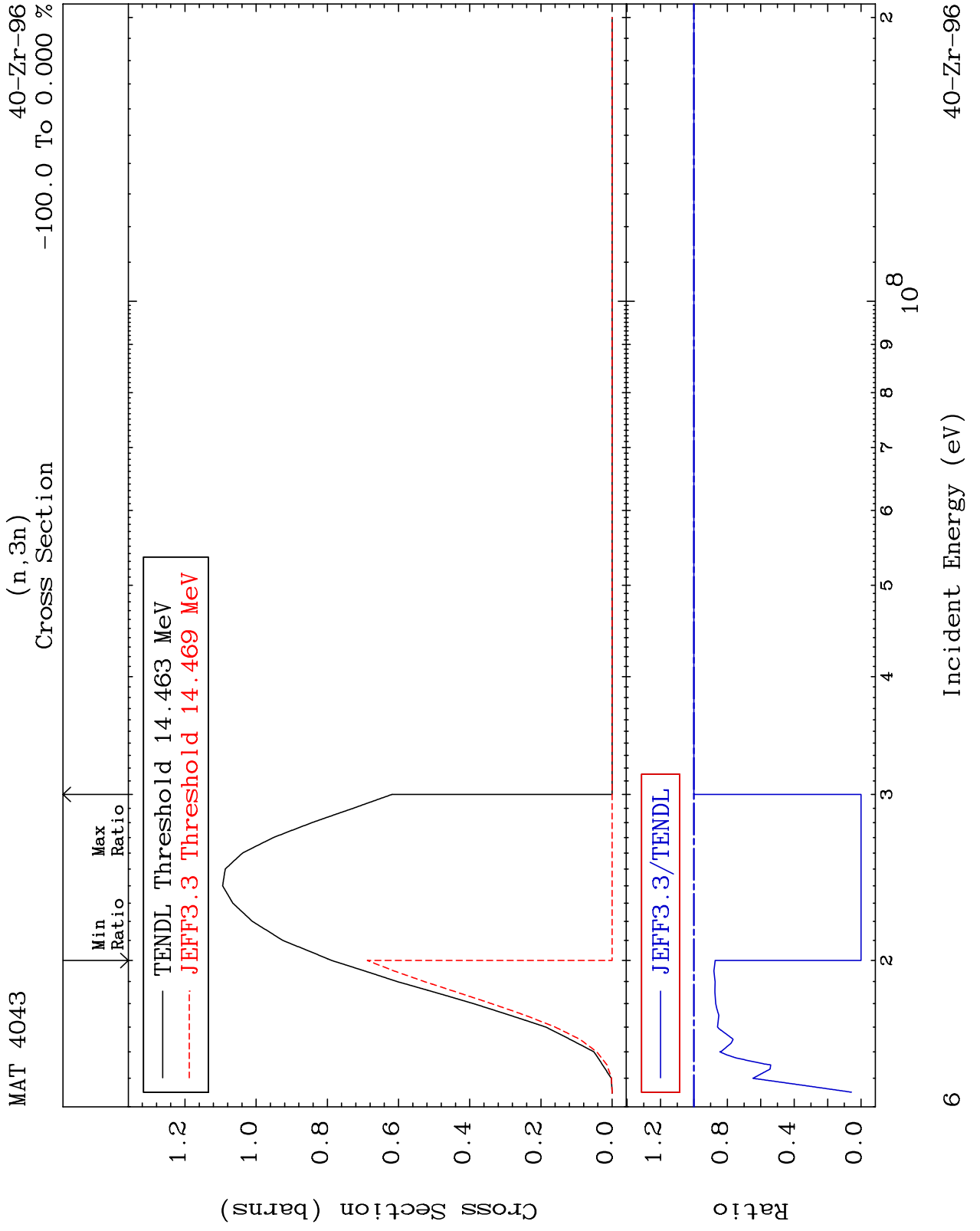
-100.0 To 21.66 %



5

Incident Energy (eV)

40-Zr-96



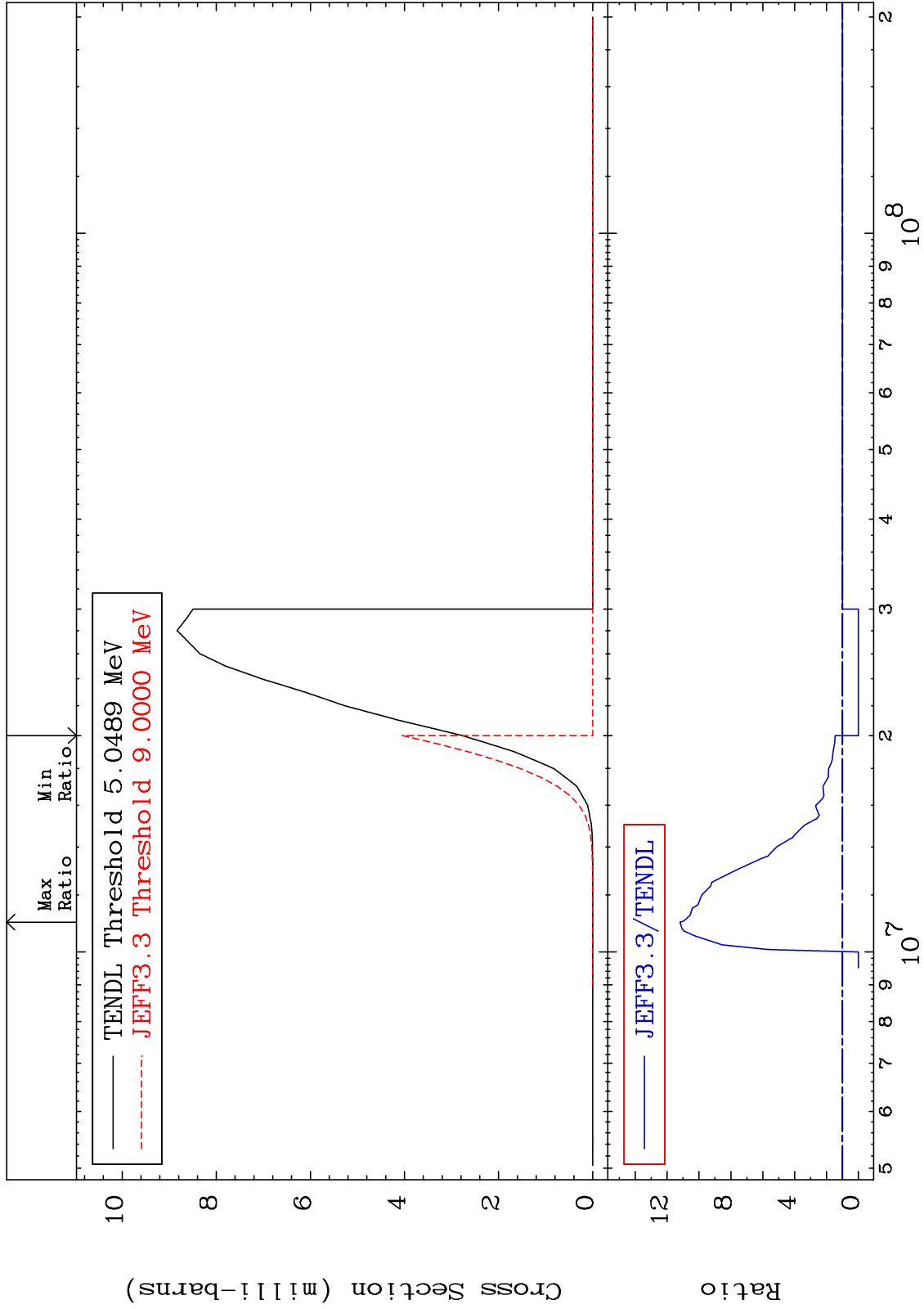
MAT 4043

(n,n')  $\alpha$

40-Zr-96

Cross Section

-100.0 To 1019. %



40-Zr-96

Incident Energy (eV)

7



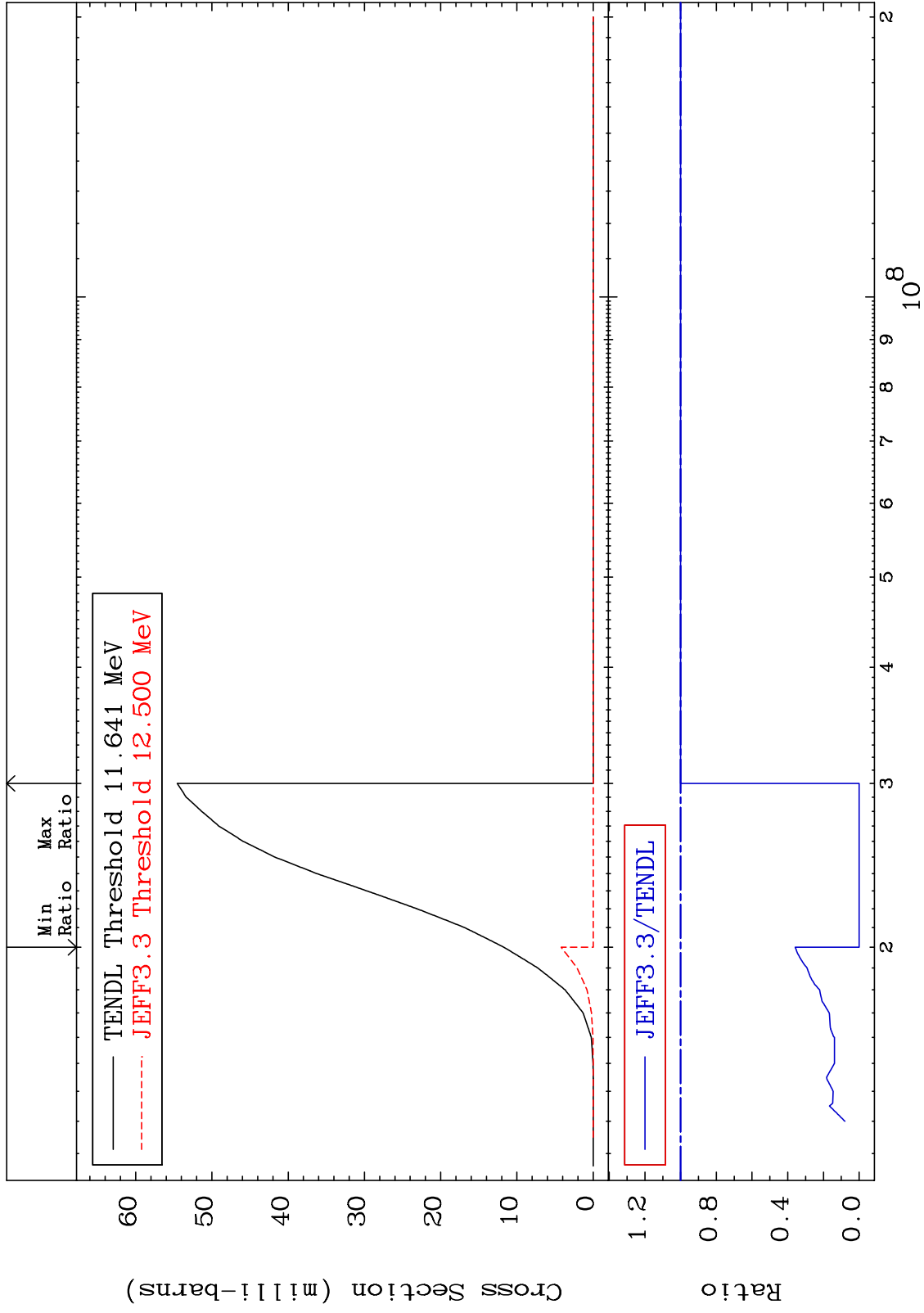
MAT 4043

(n, n') p

40-Zr-96

Cross Section

-100.0 To 0.000 %



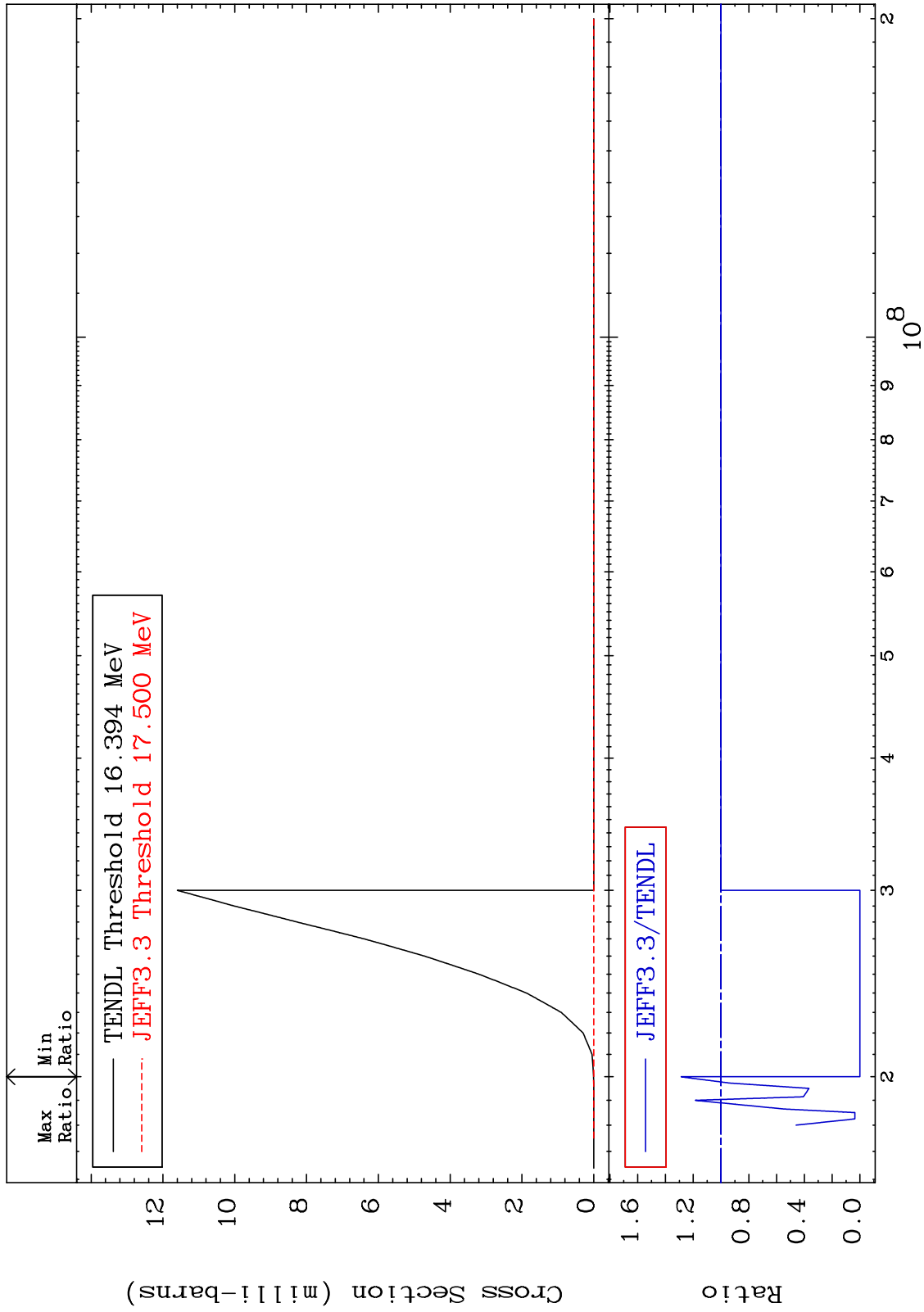
MAT 4043

(n, n') d

40-Zr-96

Cross Section

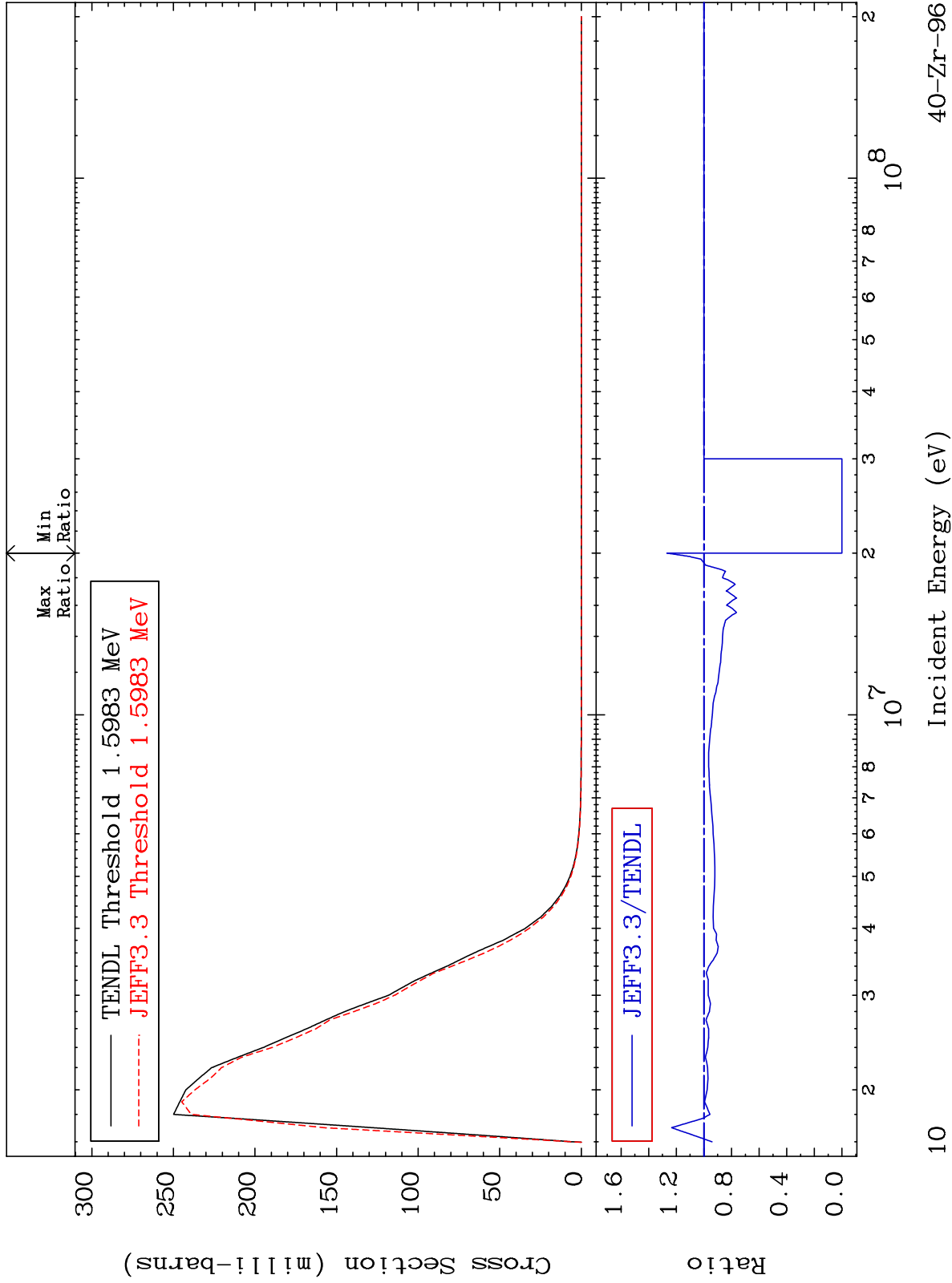
-100.0 To 28.63 %



MAT 4043

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

40-Zr-96  
-100.0 To 26.76 %



10

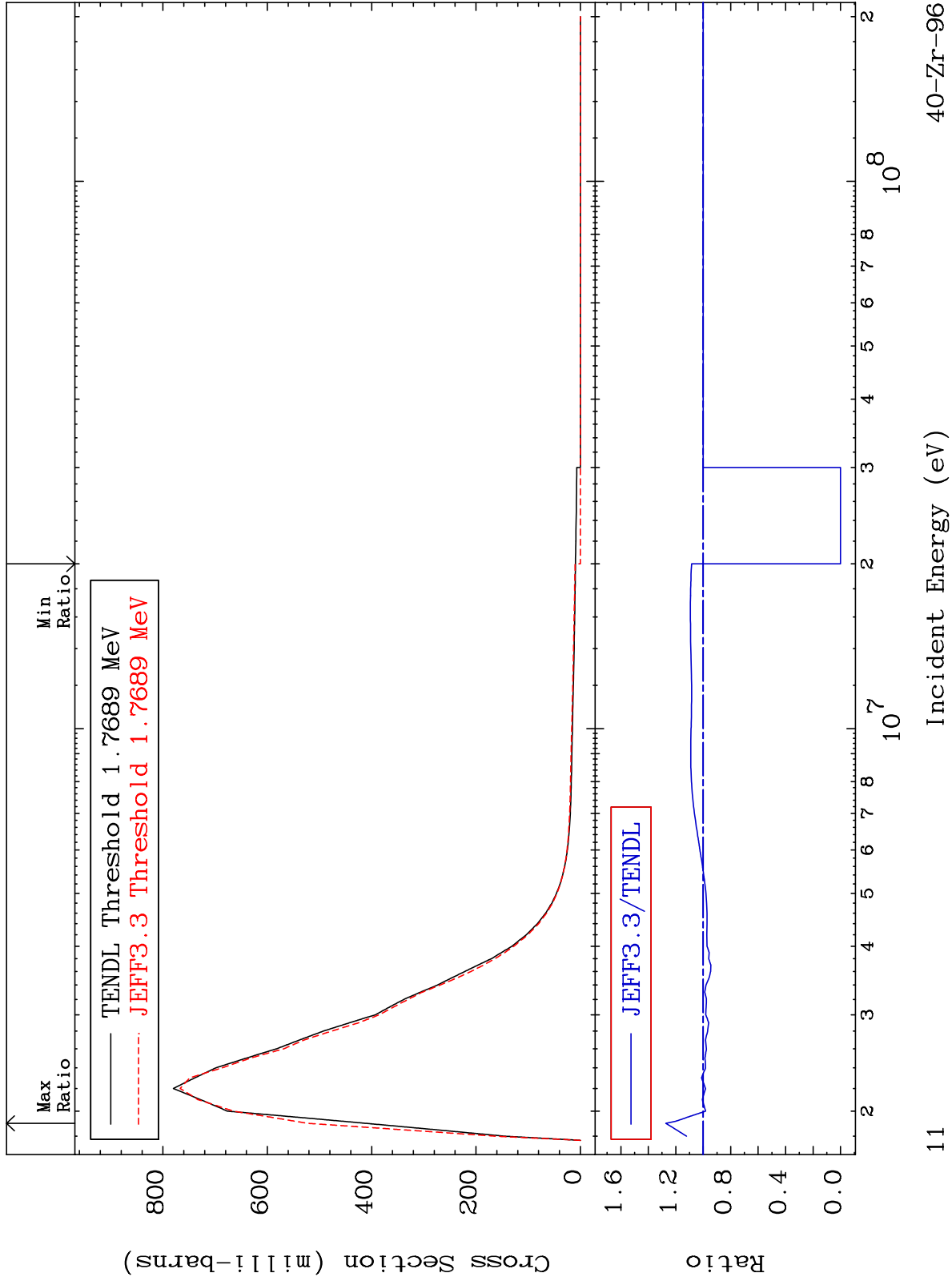
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96  
-100.0 To 27.22 %



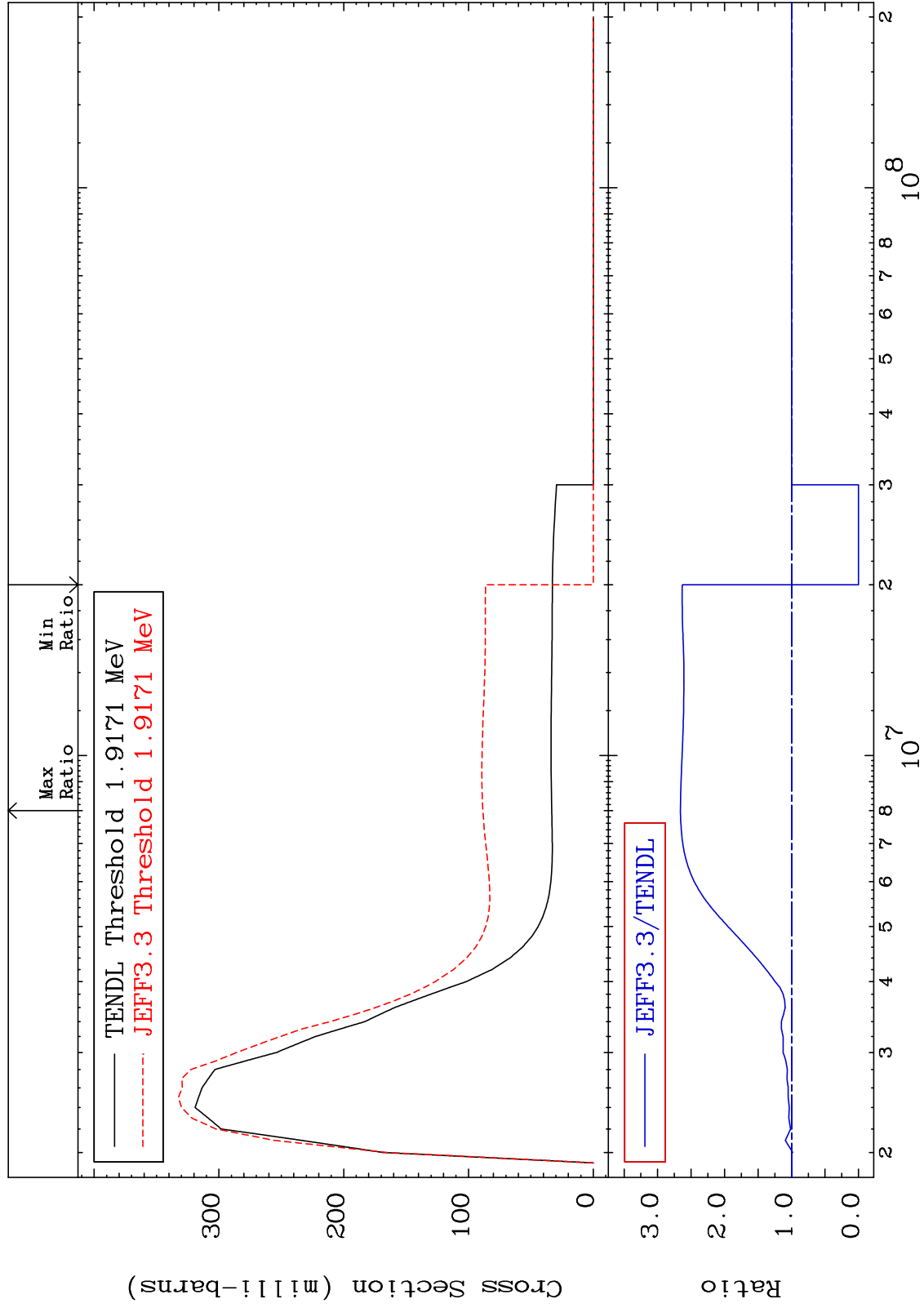
MAT 4043

MT= 53 (n, n') Level

40-Zr-96

-100.0 To 165.9 %

Cross Section



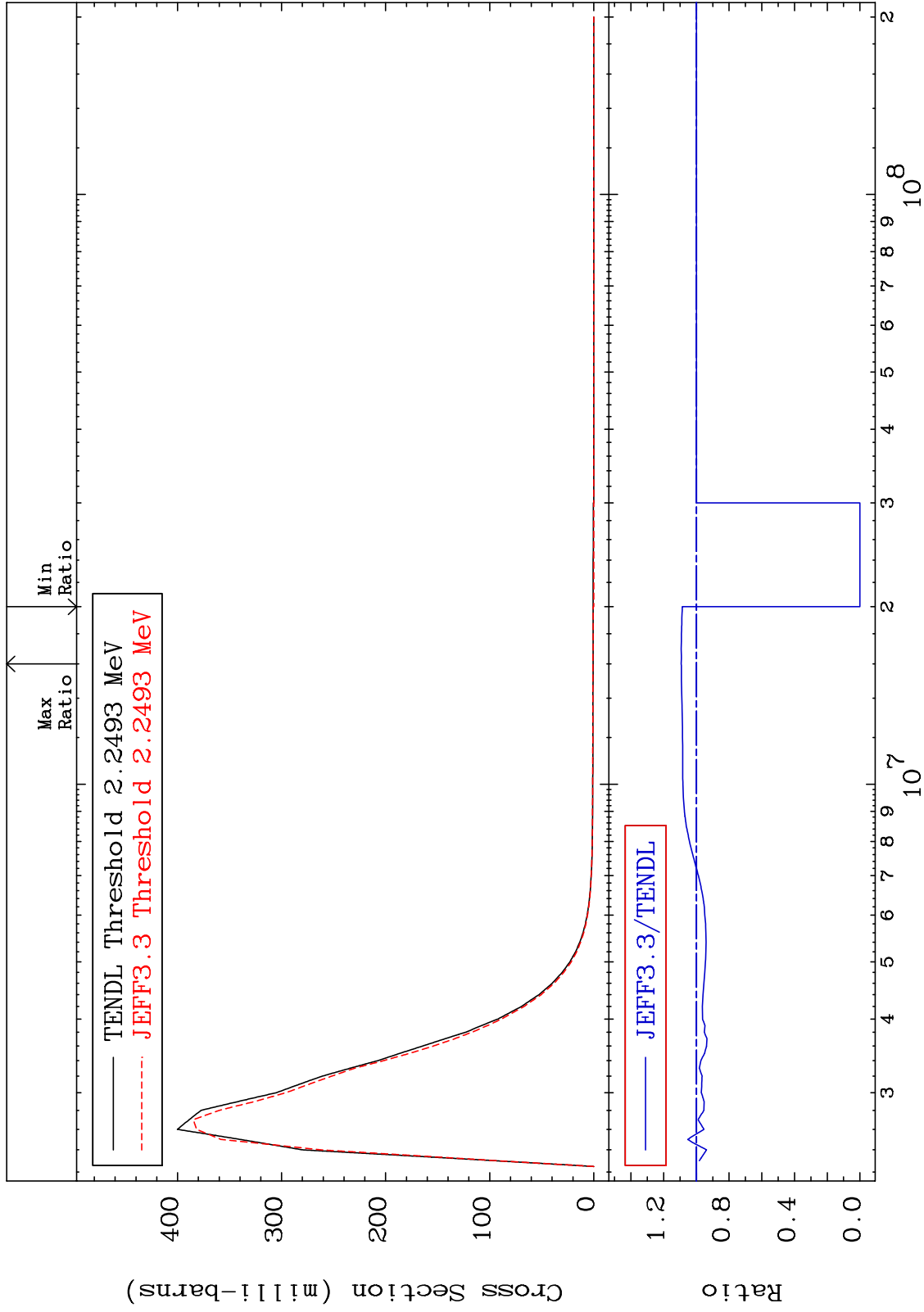
MAT 4043

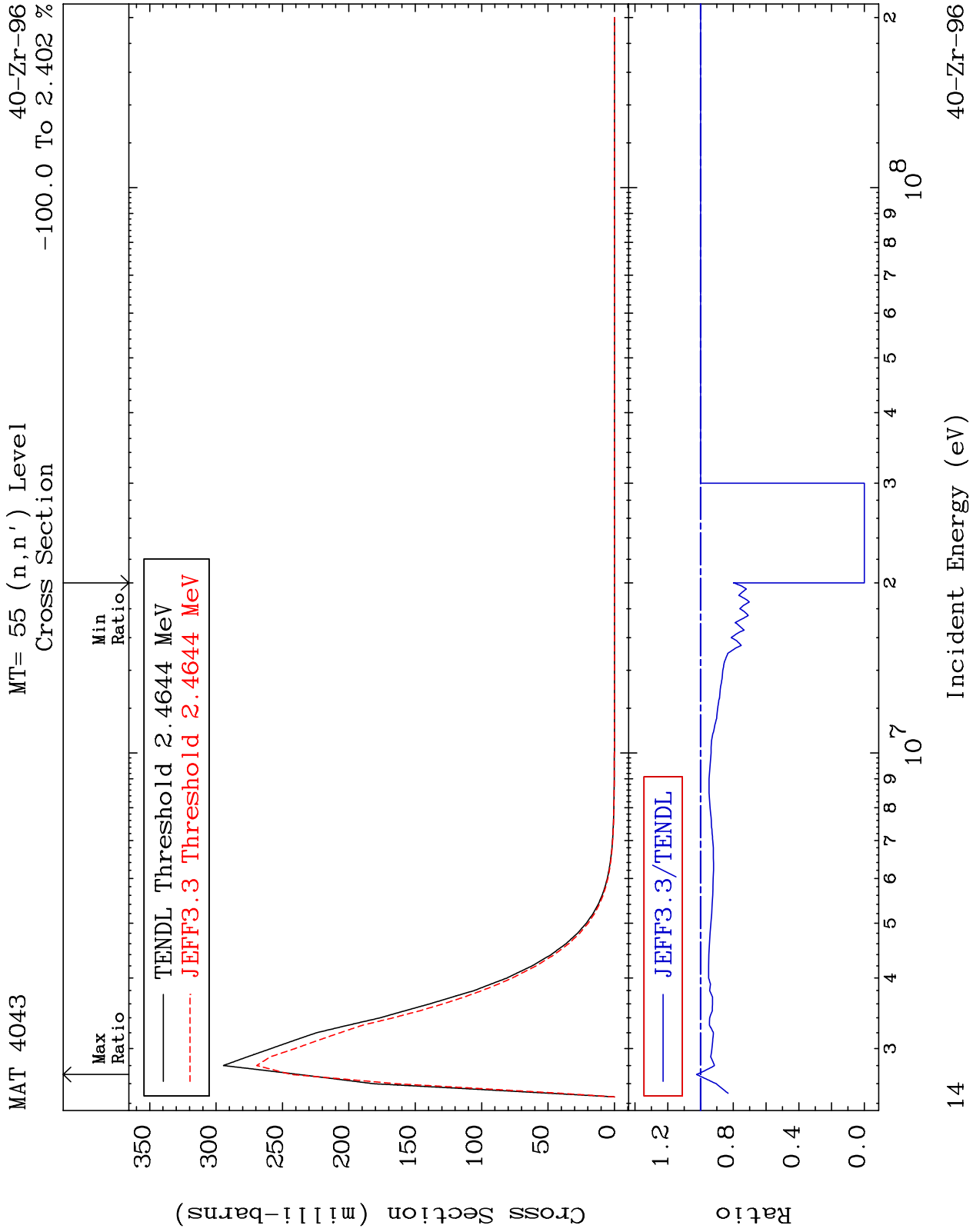
MT= 54 (n, n') Level

40-Zr-96

-100.0 To 9.267 %

Cross Section





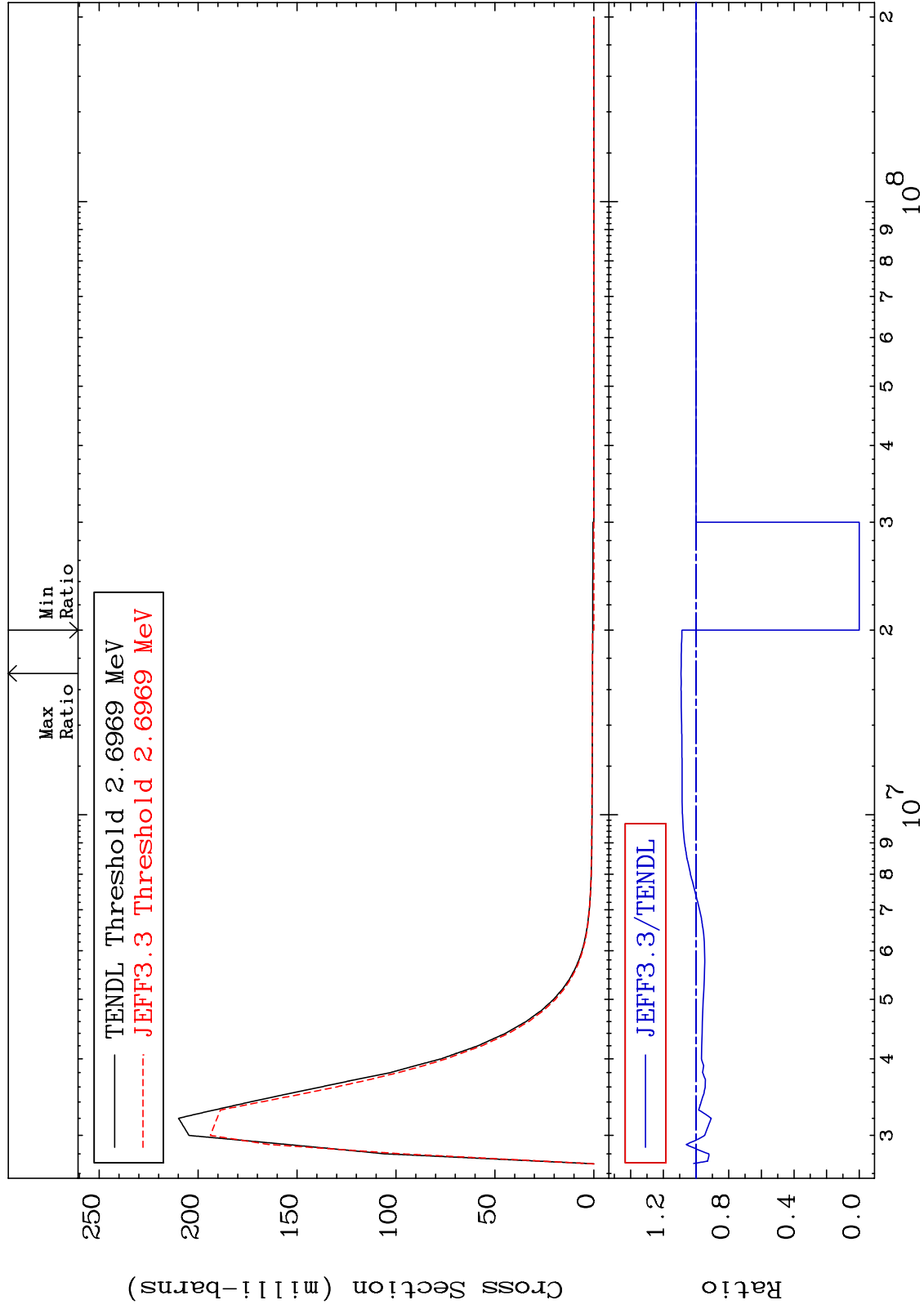
MAT 4043

MT= 56 (n, n') Level

40-Zr-96

-100.0 To 9.162 %

Cross Section



15

Incident Energy (eV)

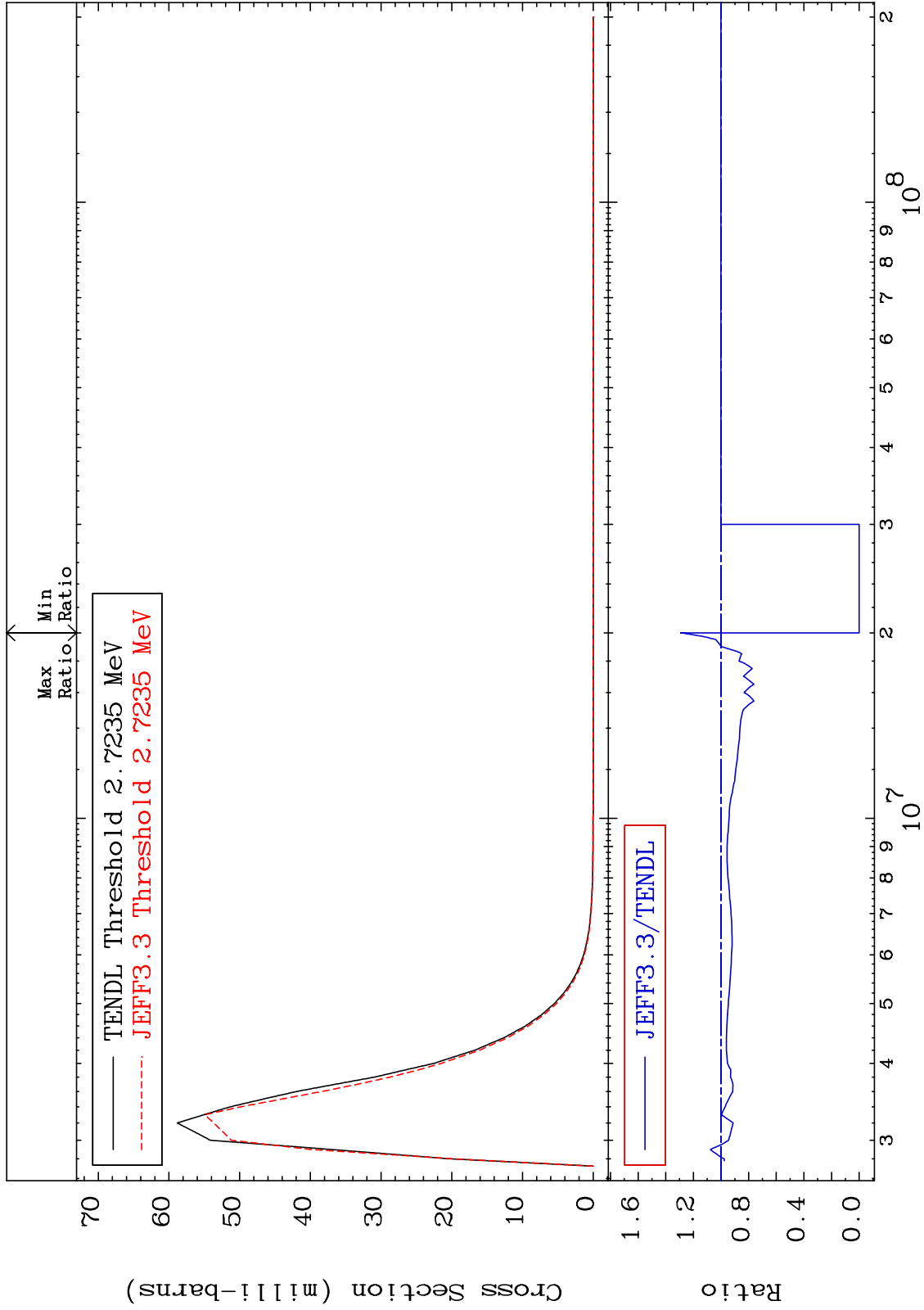
40-Zr-96



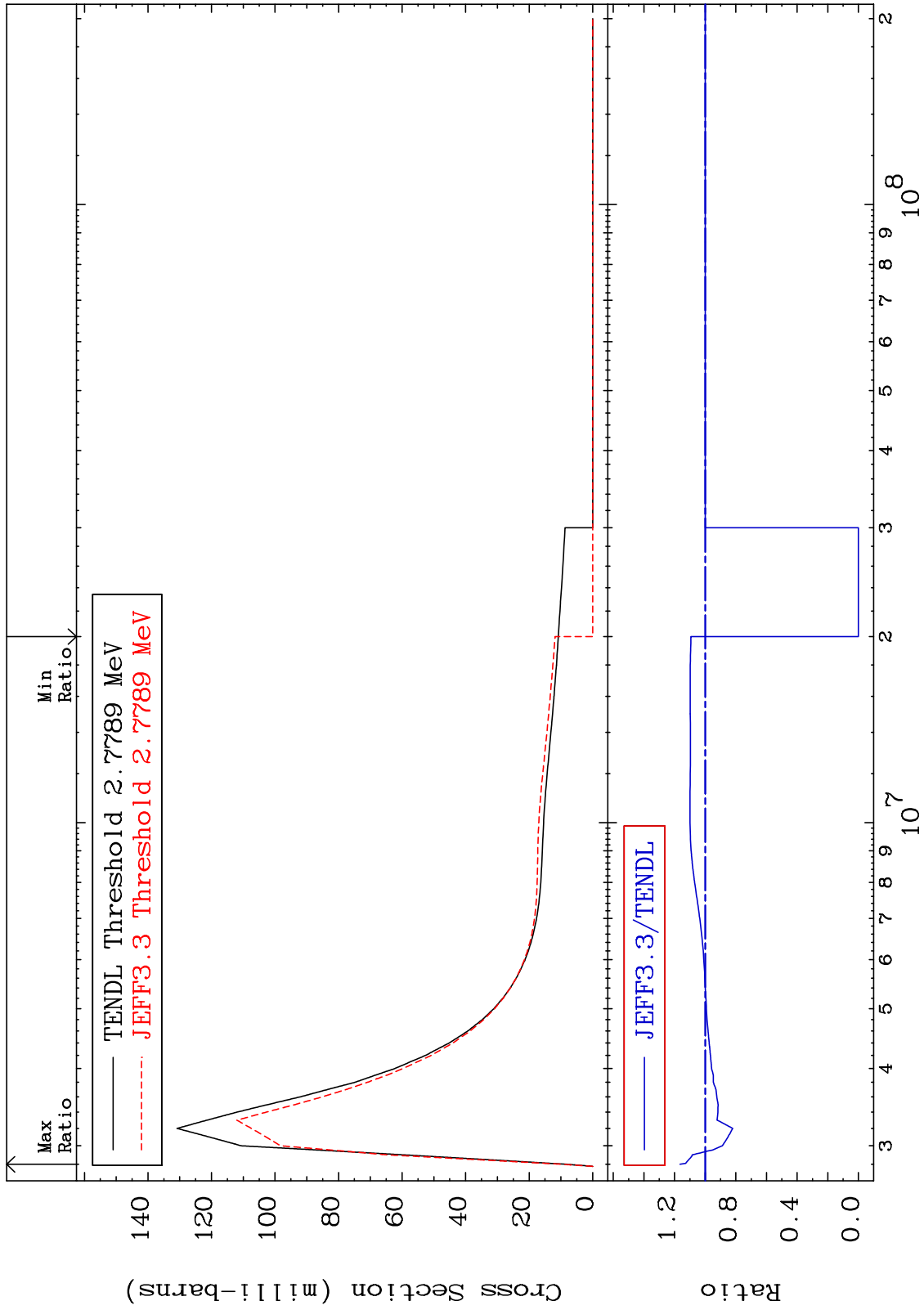
MAT 4043

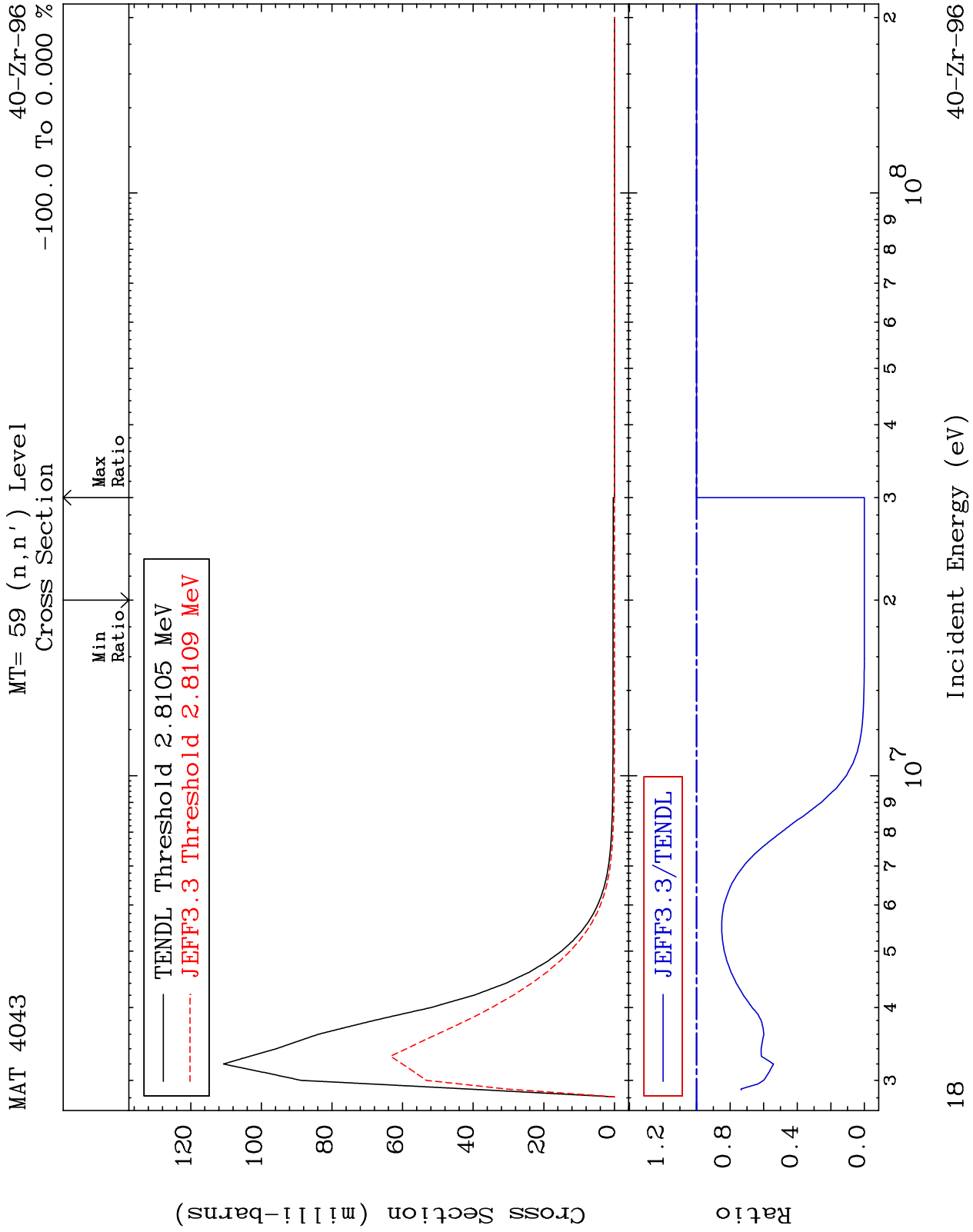
MT= 57 (n, n') Level  
Cross Section

40-Zr-96  
-100.0 To 29.22 %



MAT 4043 MT= 58 (n, n') Level  
 Cross Section 40-Zr-96  
 -100.0 To 16.45 %





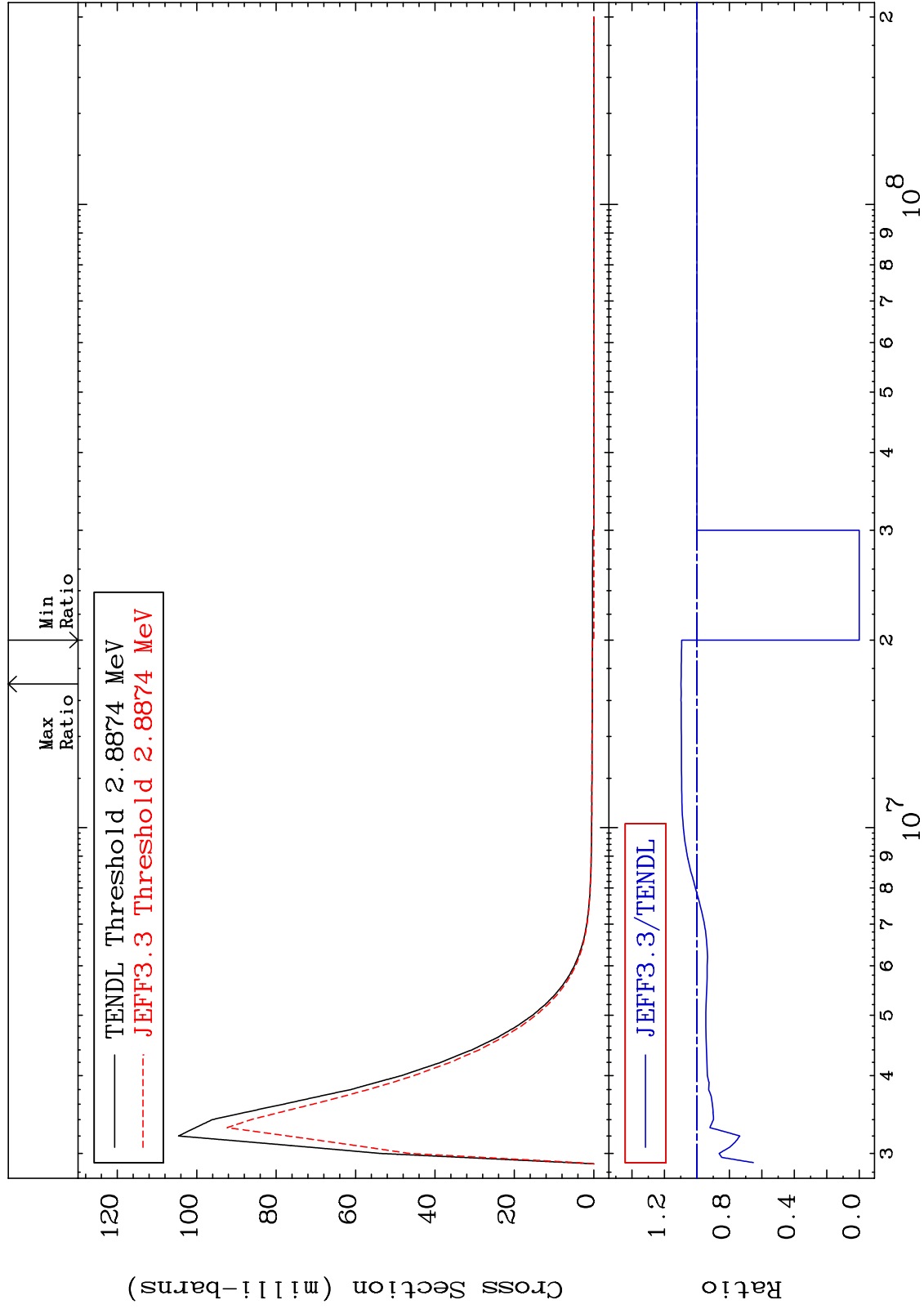
MAT 4043

MT= 60 (n, n') Level

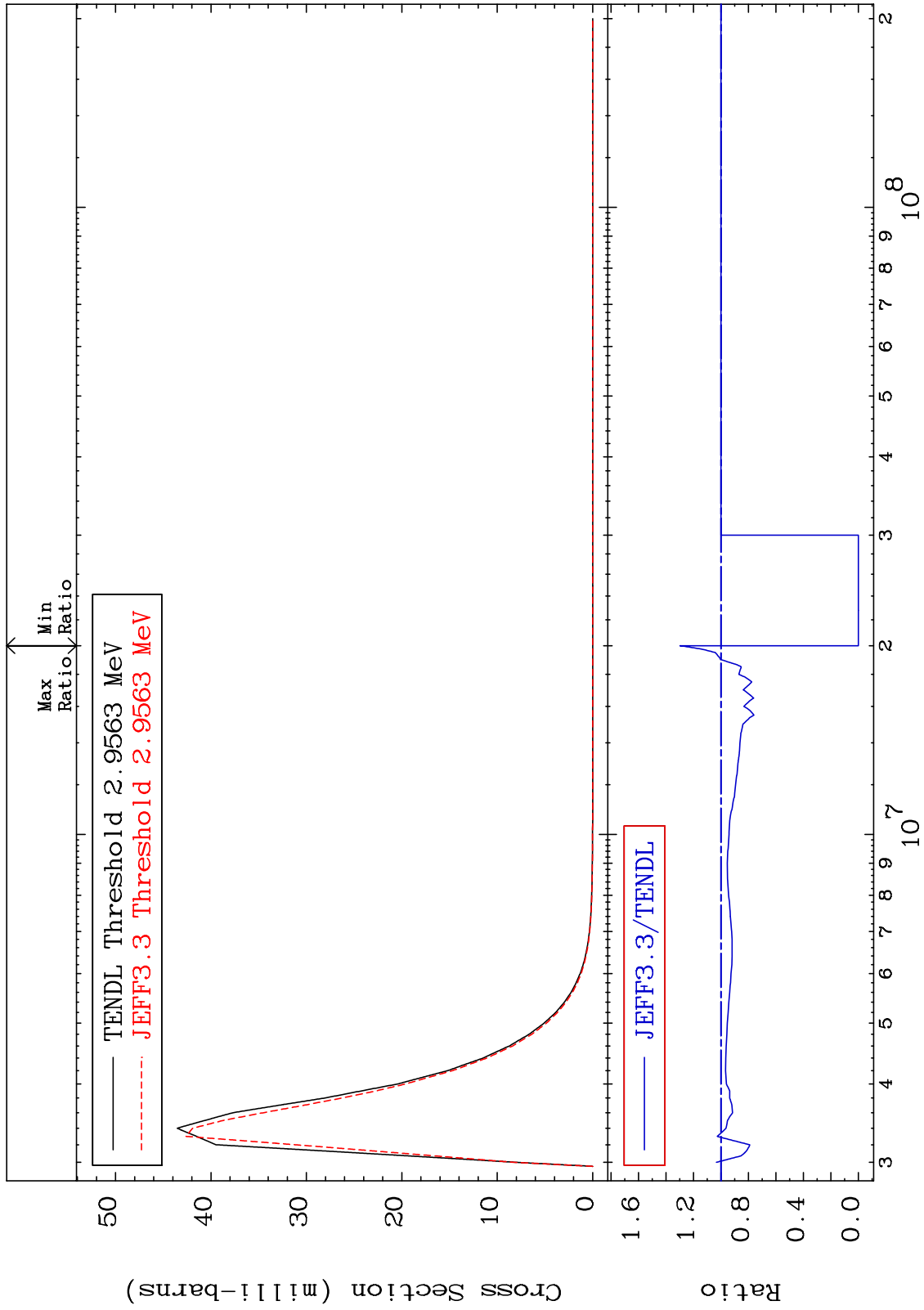
40-Zr-96

-100.0 To 9.802 %

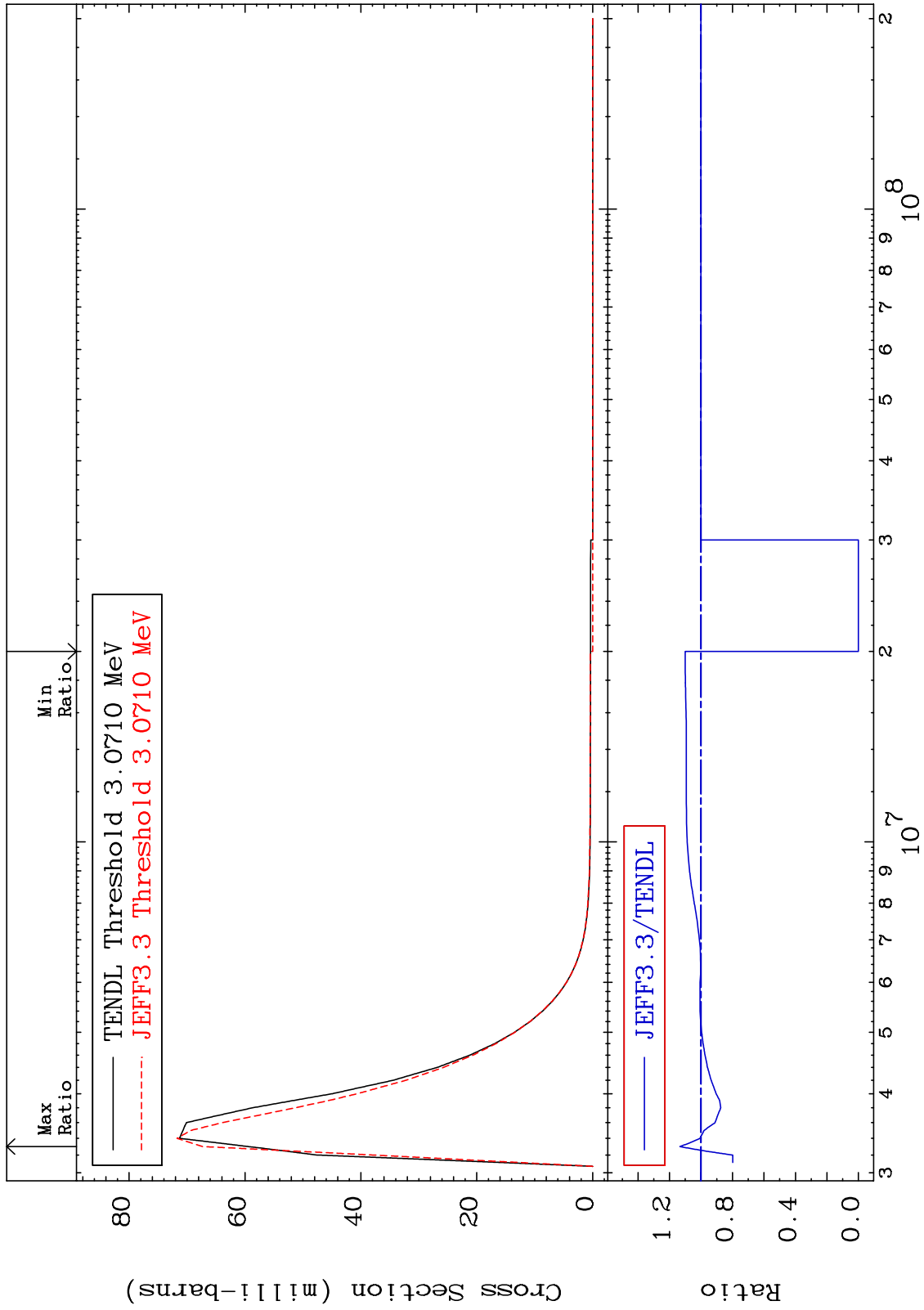
Cross Section



MAT 4043      MT= 61 (n, n') Level      40-Zr-96  
 Cross Section      -100.0 To 29.77 %



MAT 4043 MT= 62 (n,n') Level  
 Cross Section 40-Zr-96  
 -100.0 To 13.32 %



40-Zr-96

Incident Energy (eV)

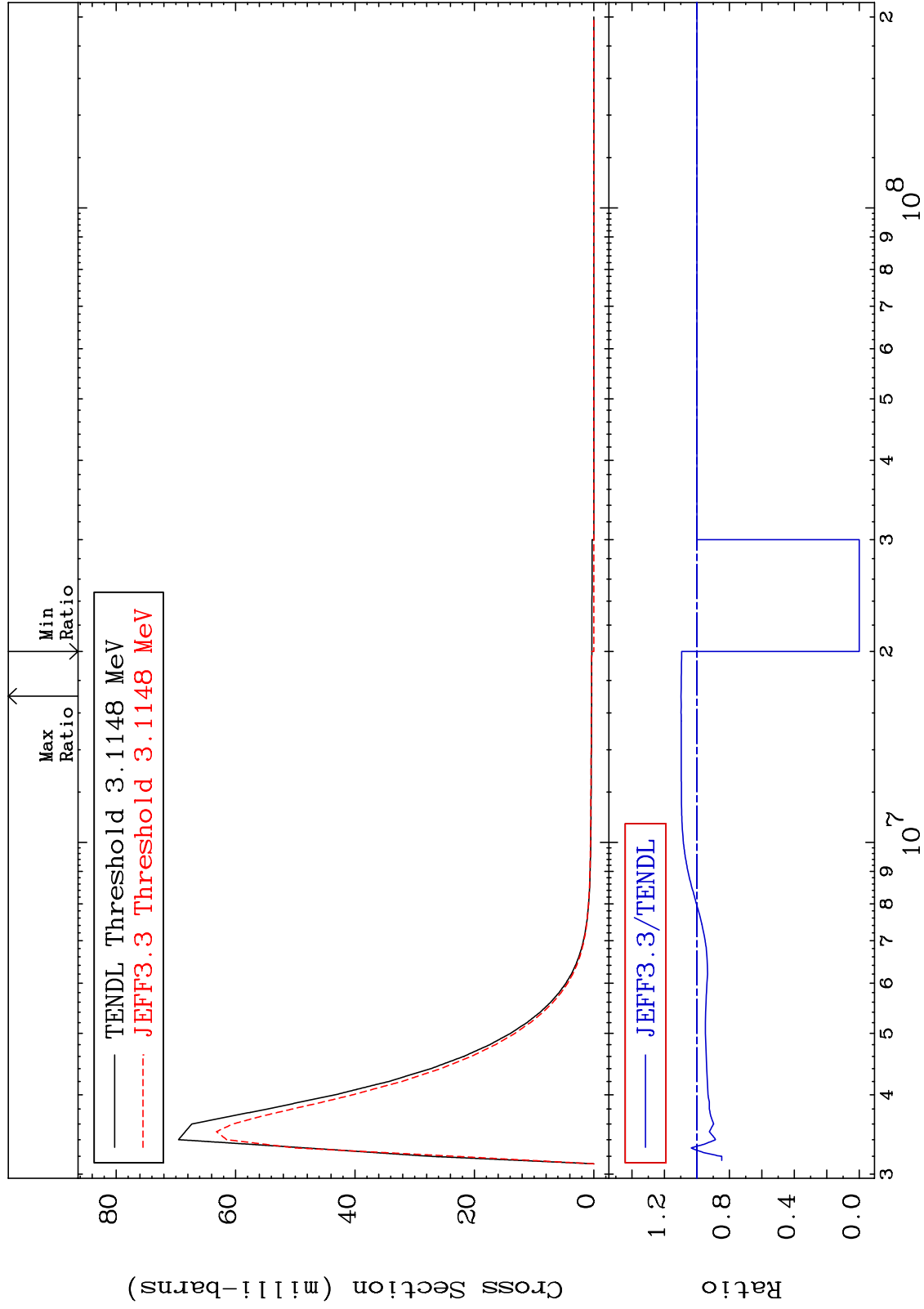
MAT 4043

MT= 63 (n, n') Level

40-Zr-96

-100.0 To 9.786 %

Cross Section



22

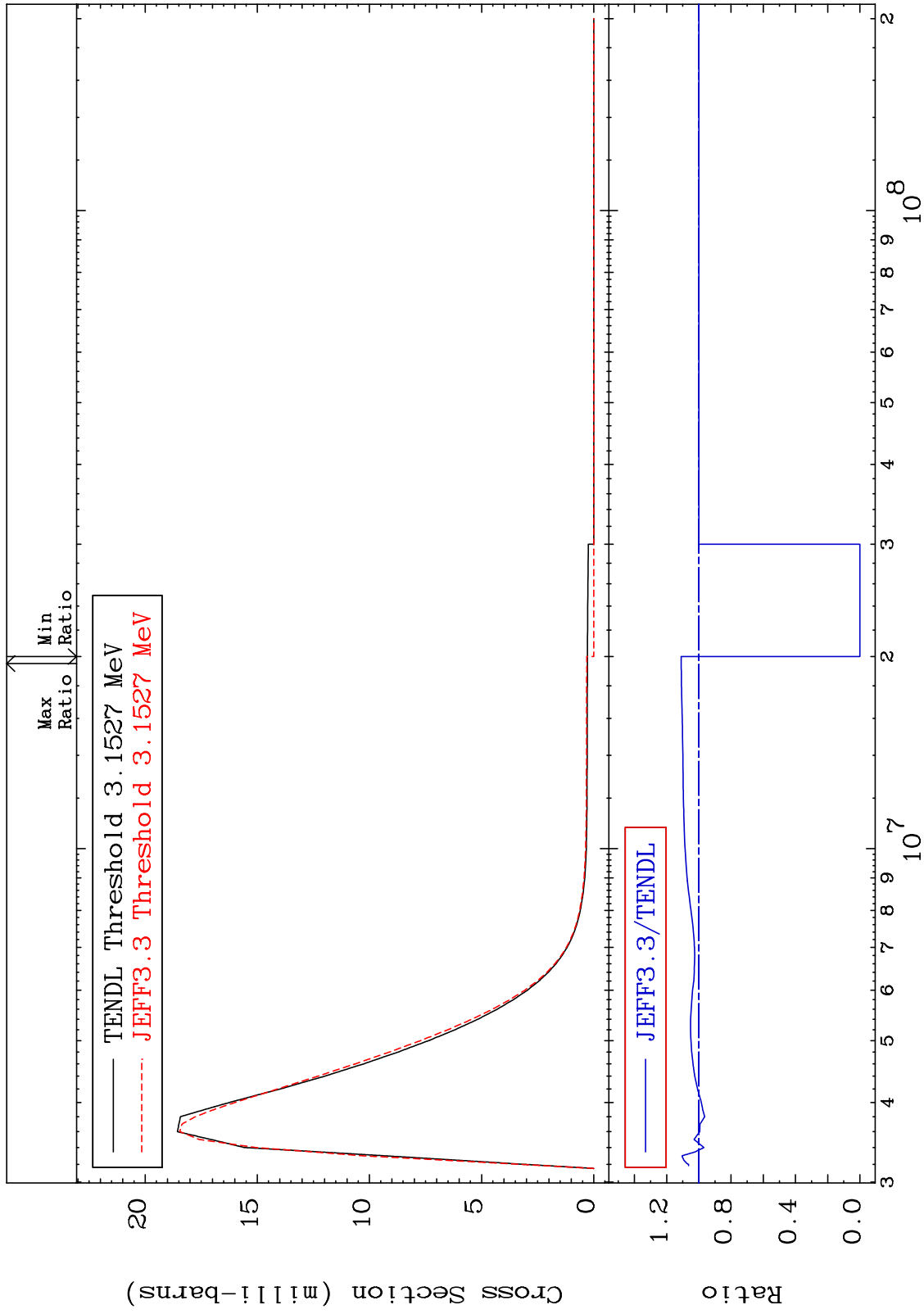
Incident Energy (eV)

40-Zr-96

MAT 4043

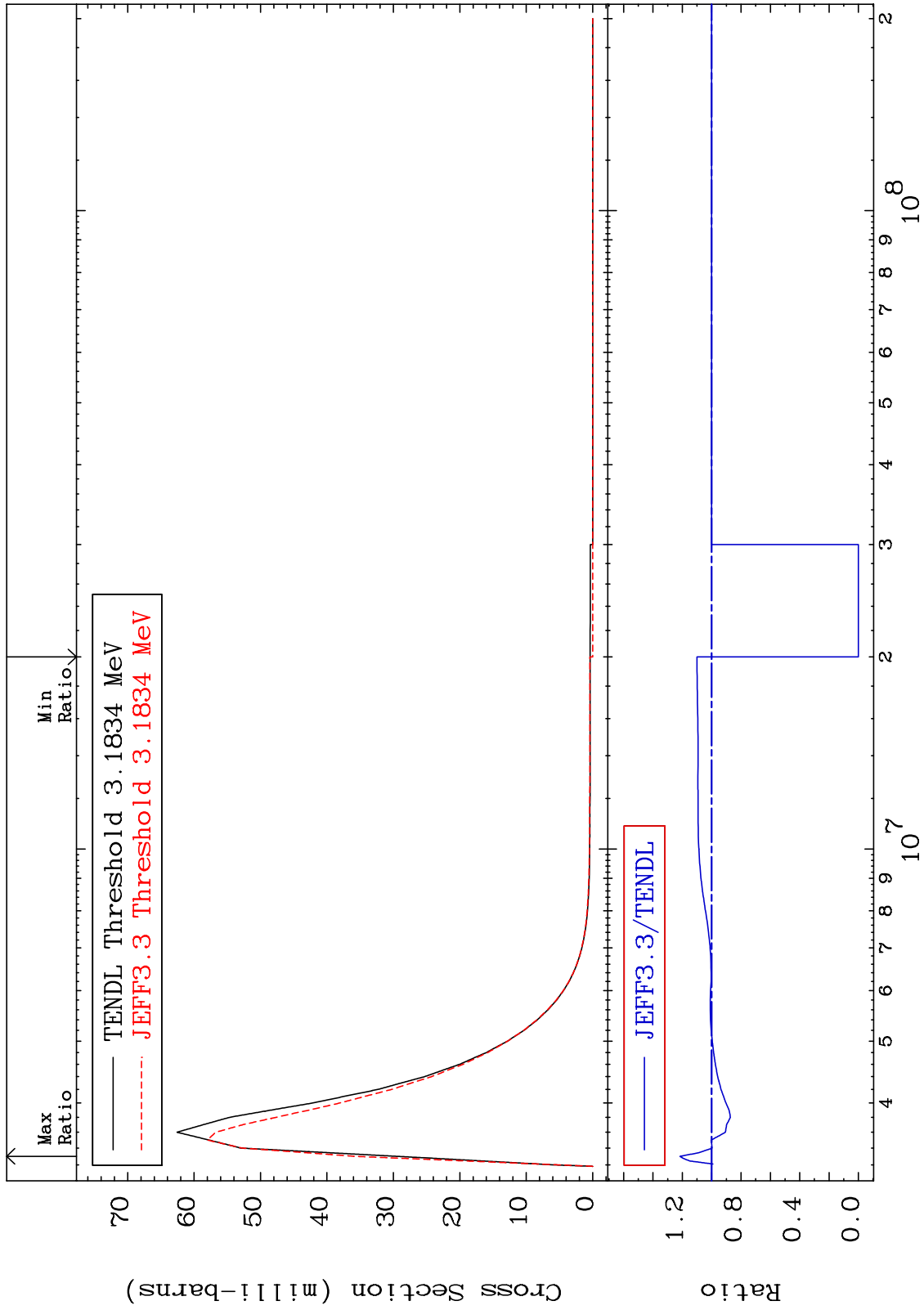
MT= 64 (n,n') Level  
Cross Section

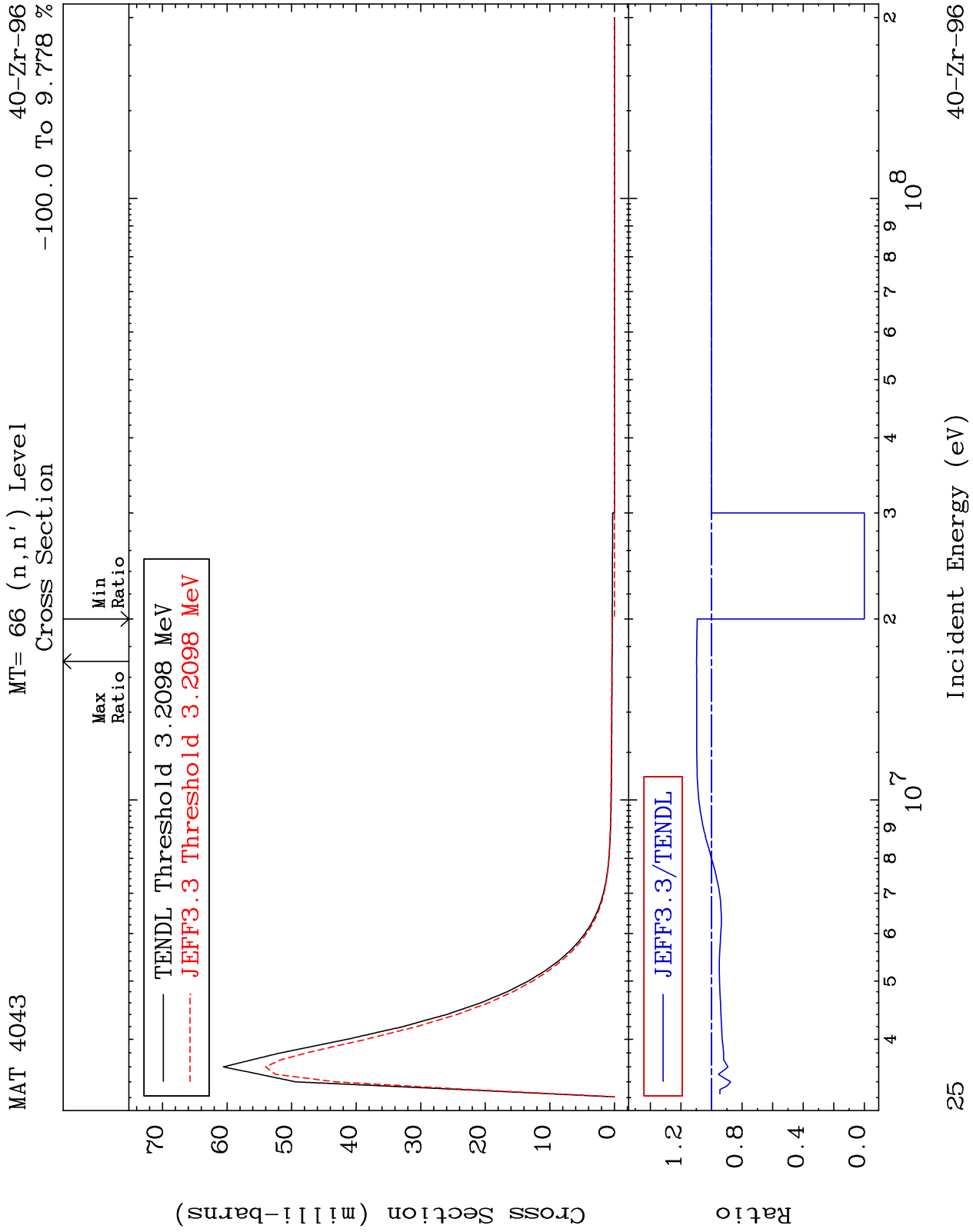
40-Zr-96  
-100.0 To 10.94 %





MAT 4043 MT= 65 (n,n') Level Cross Section -100.0 To 21.58 % 40-Zr-96





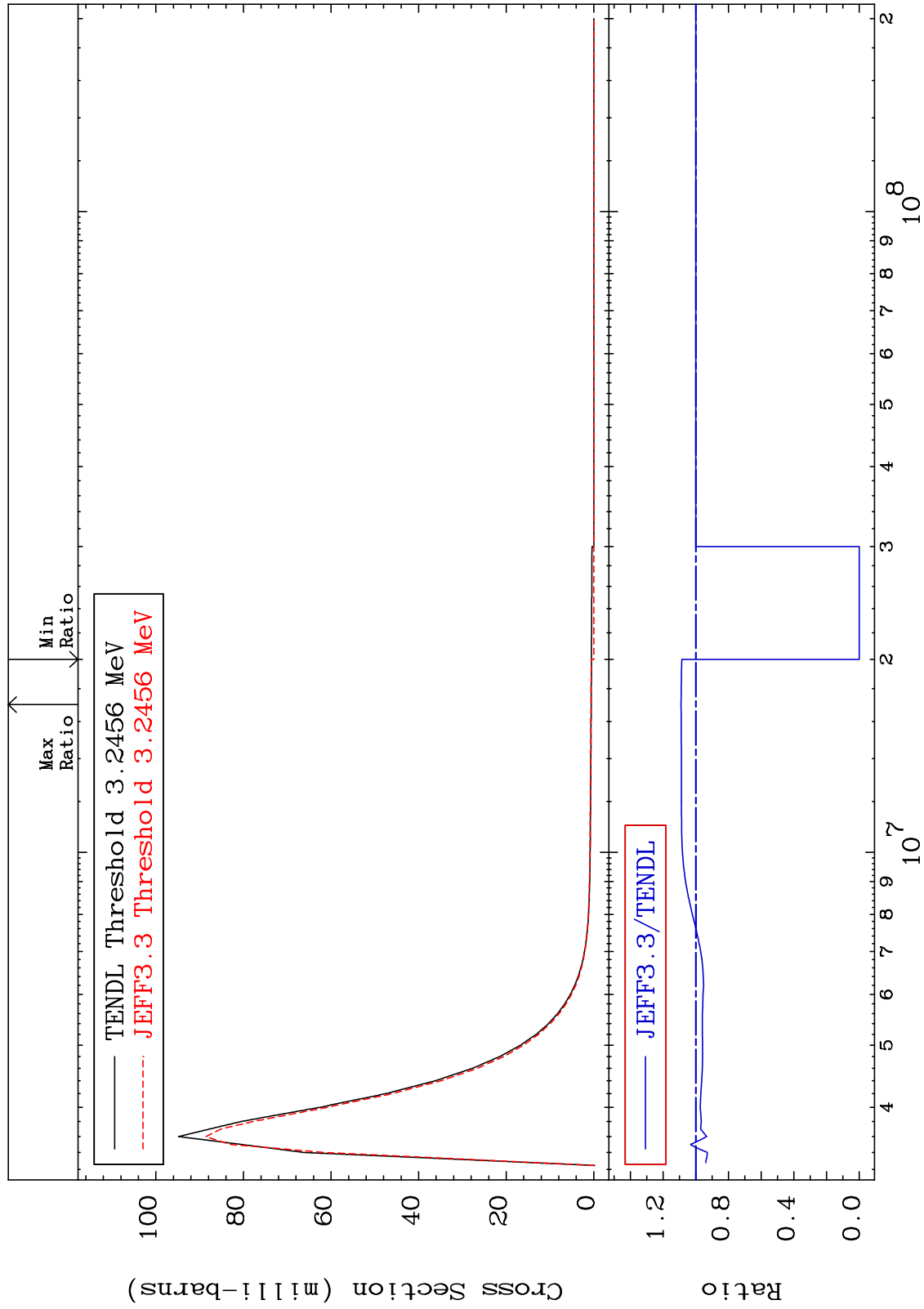
MAT 4043

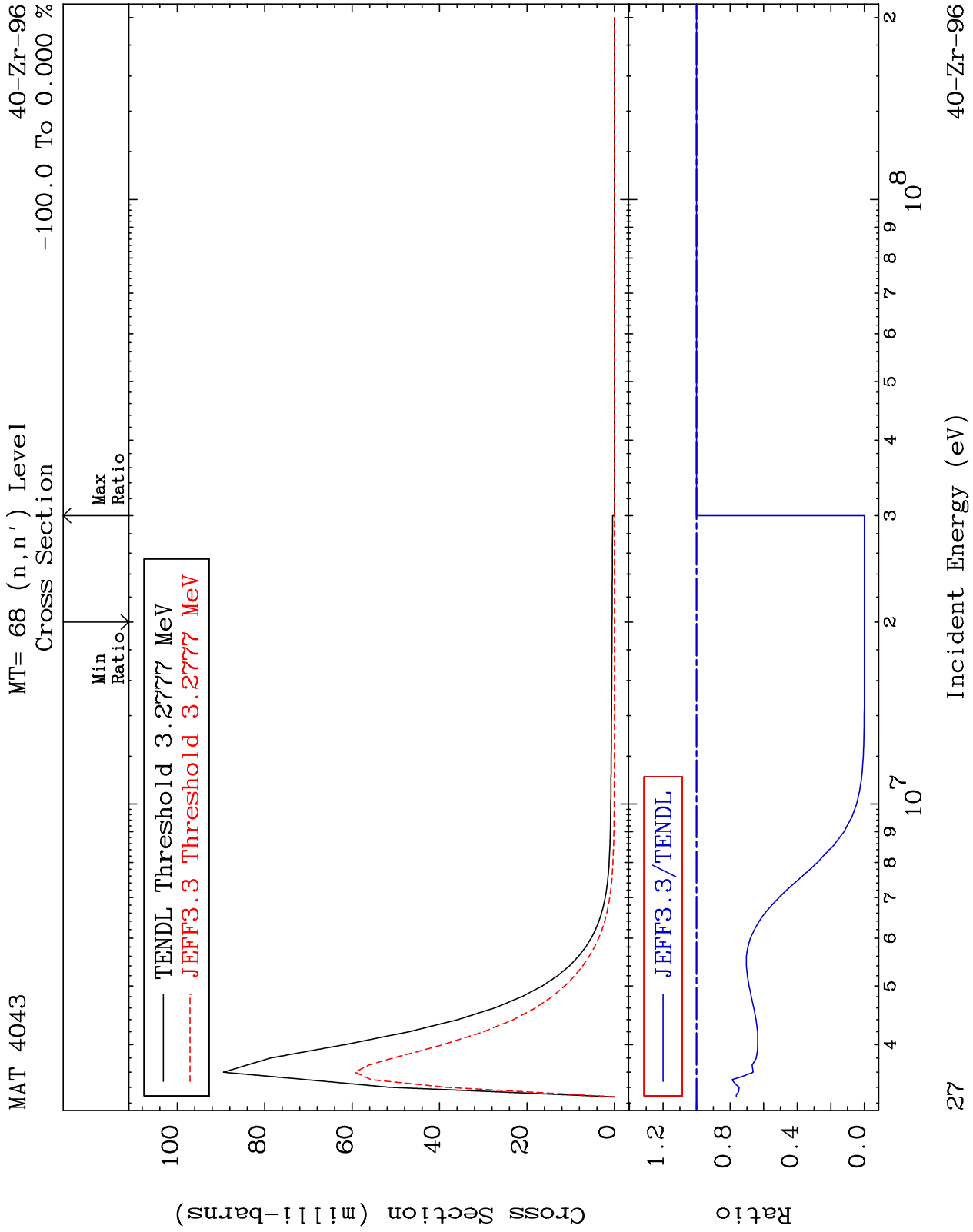
MT= 67 (n,n') Level

40-Zr-96

-100.0 To 9.023 %

Cross Section





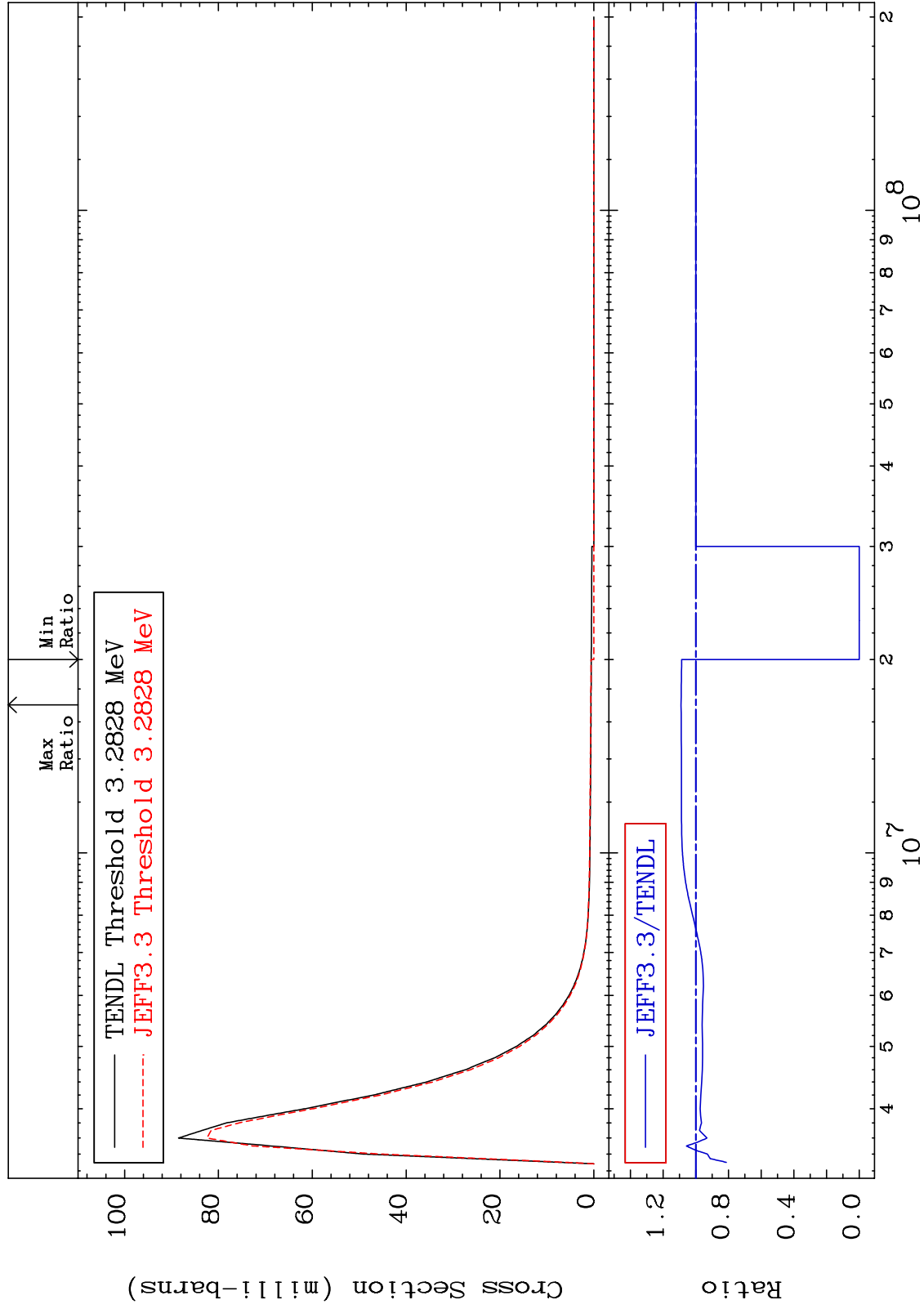
MAT 4043

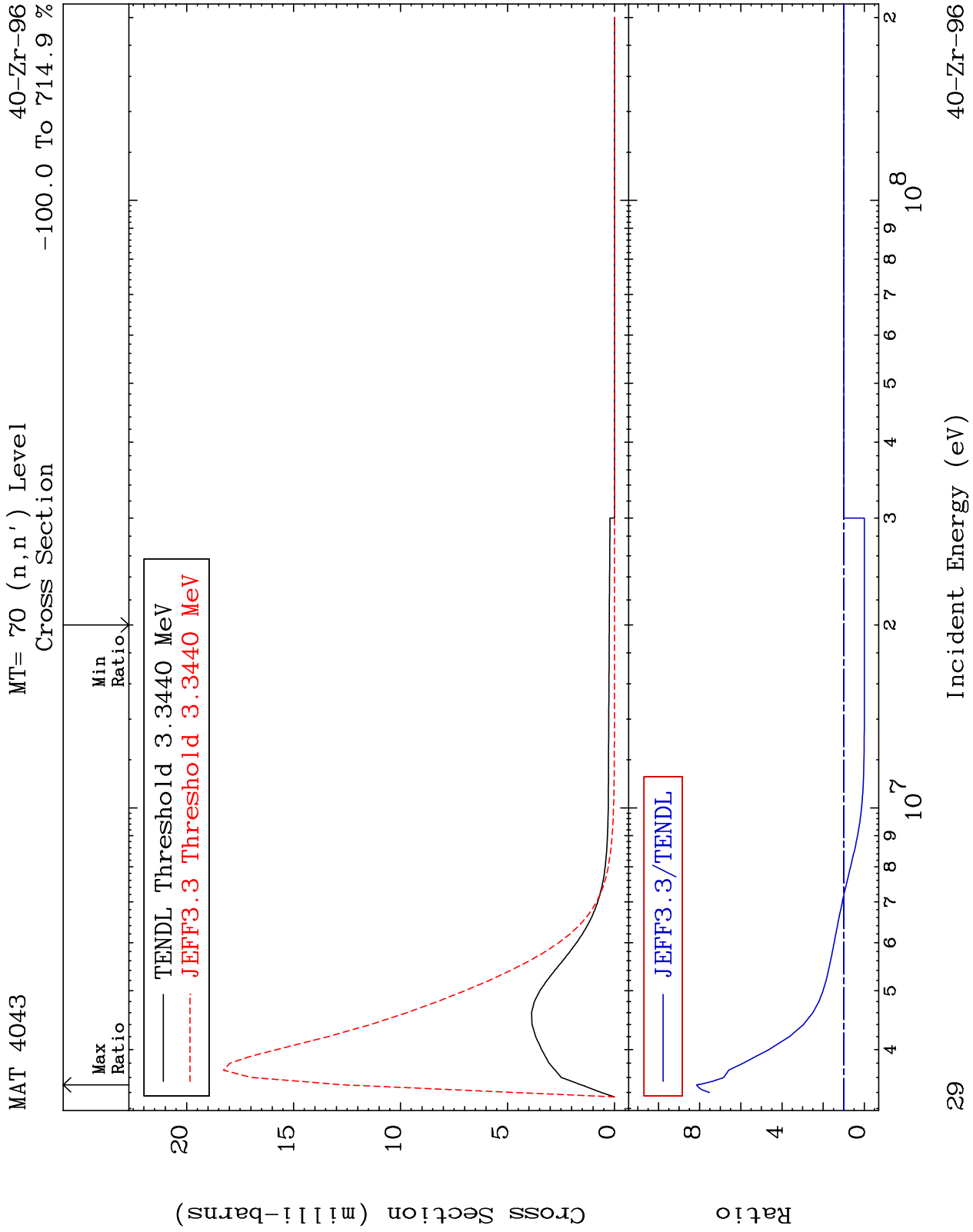
MT= 69 (n,n') Level

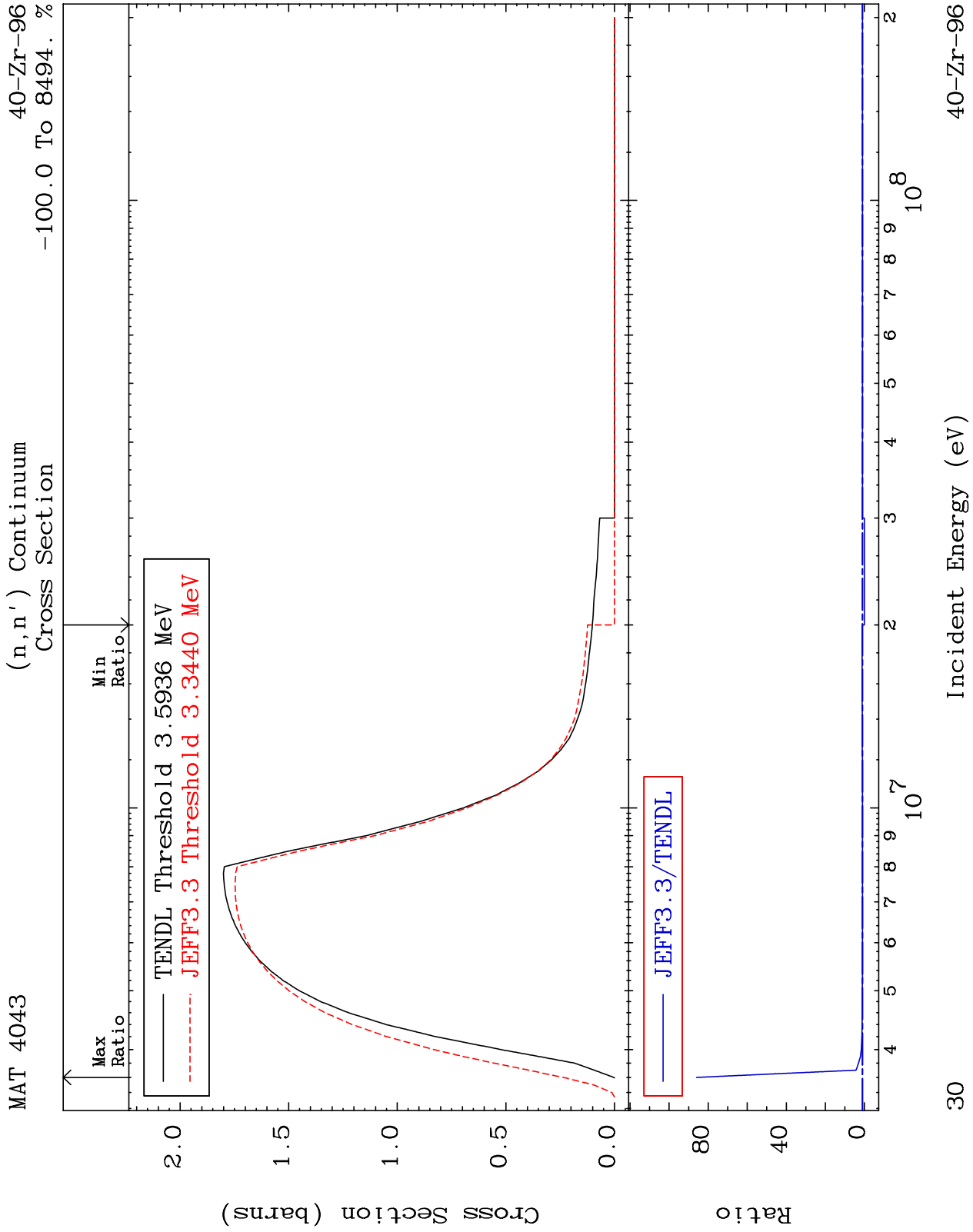
40-Zr-96

-100.0 To 9.013 %

Cross Section







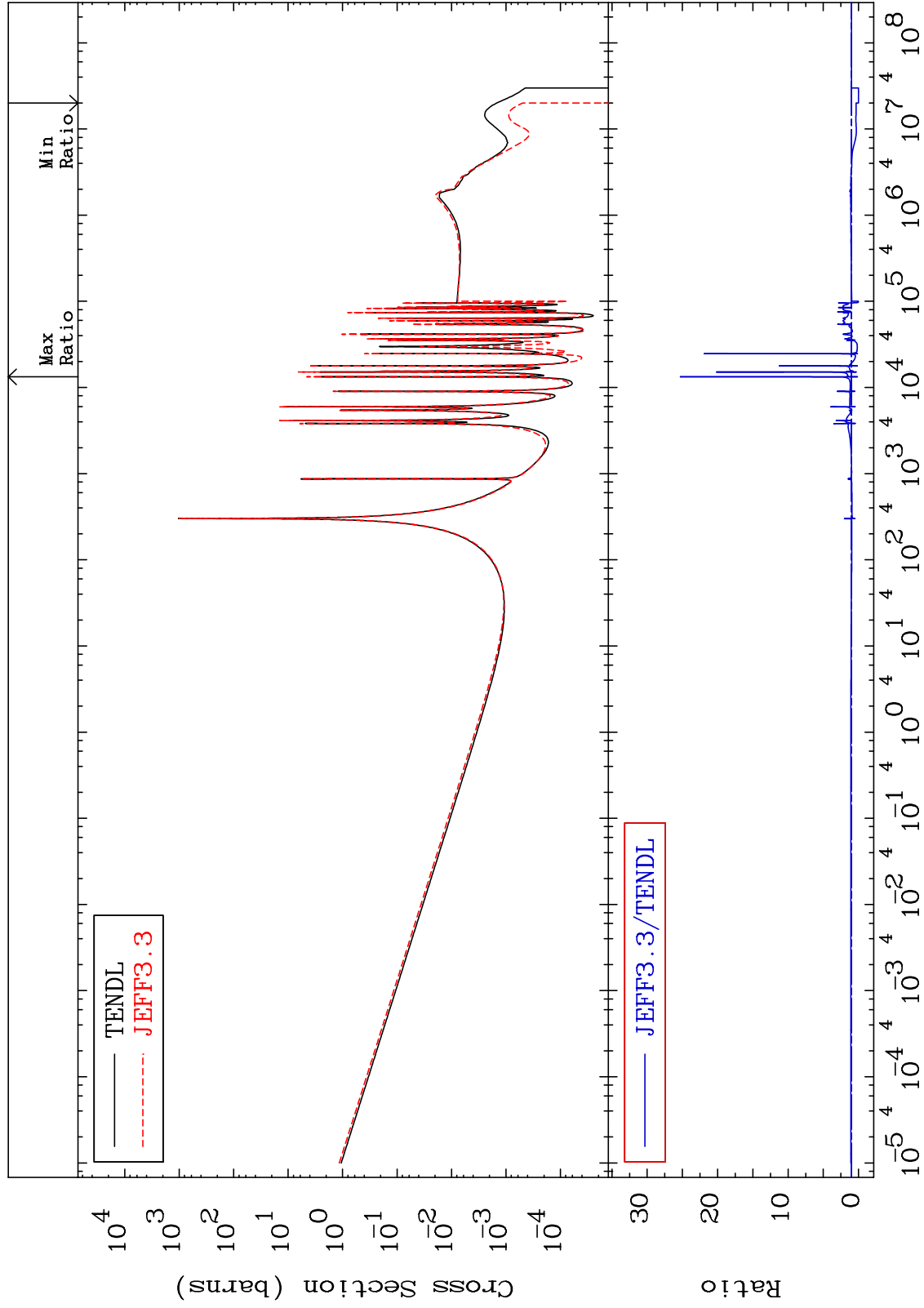
MAT 4043

40-Zr-96

(n,  $\gamma$ )

Cross Section

-100.0 To 2428. %



31

Incident Energy (eV)

40-Zr-96

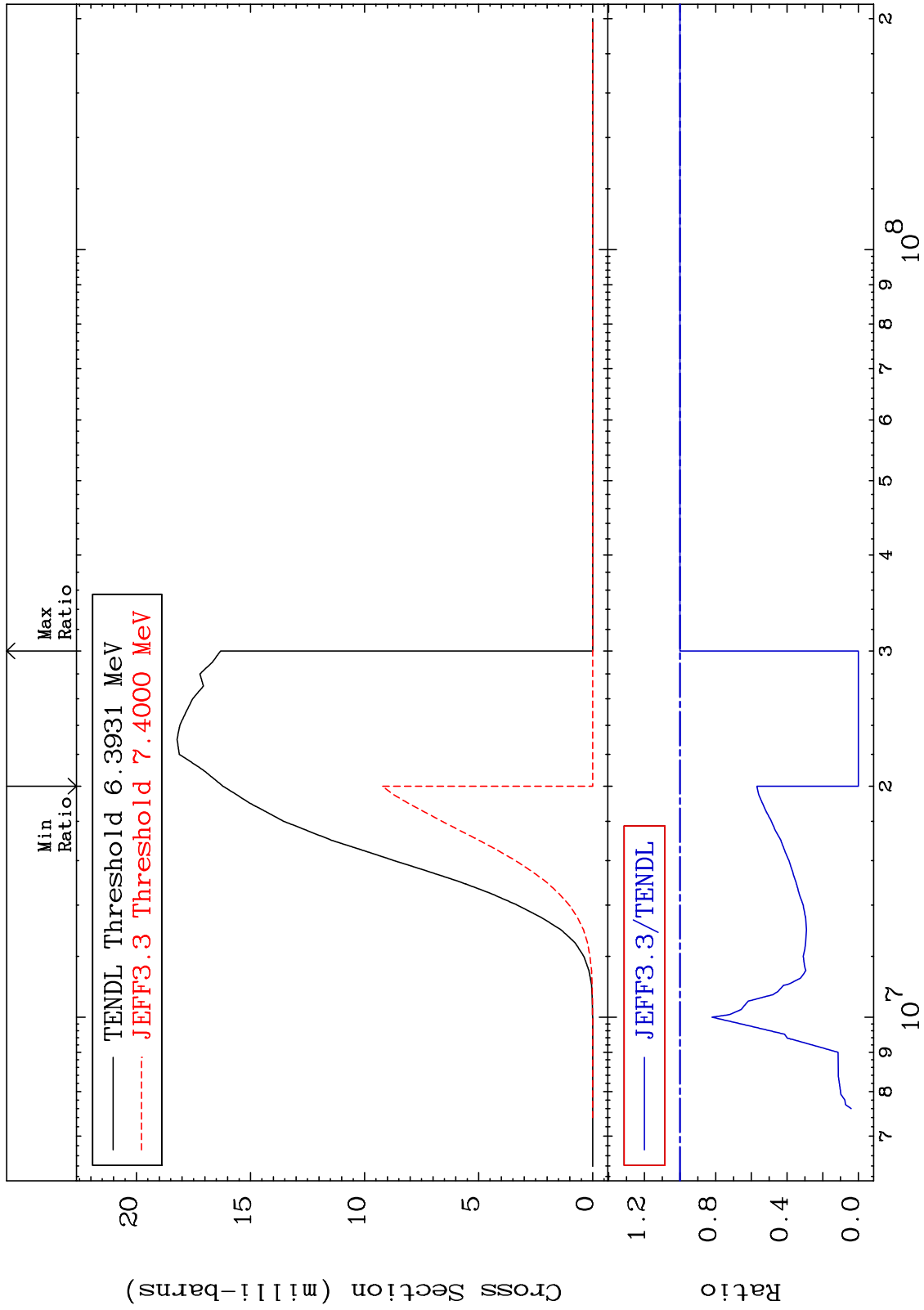


MAT 4043

40-Zr-96

(n,p)  
Cross Section

-100.0 To 0.000 %



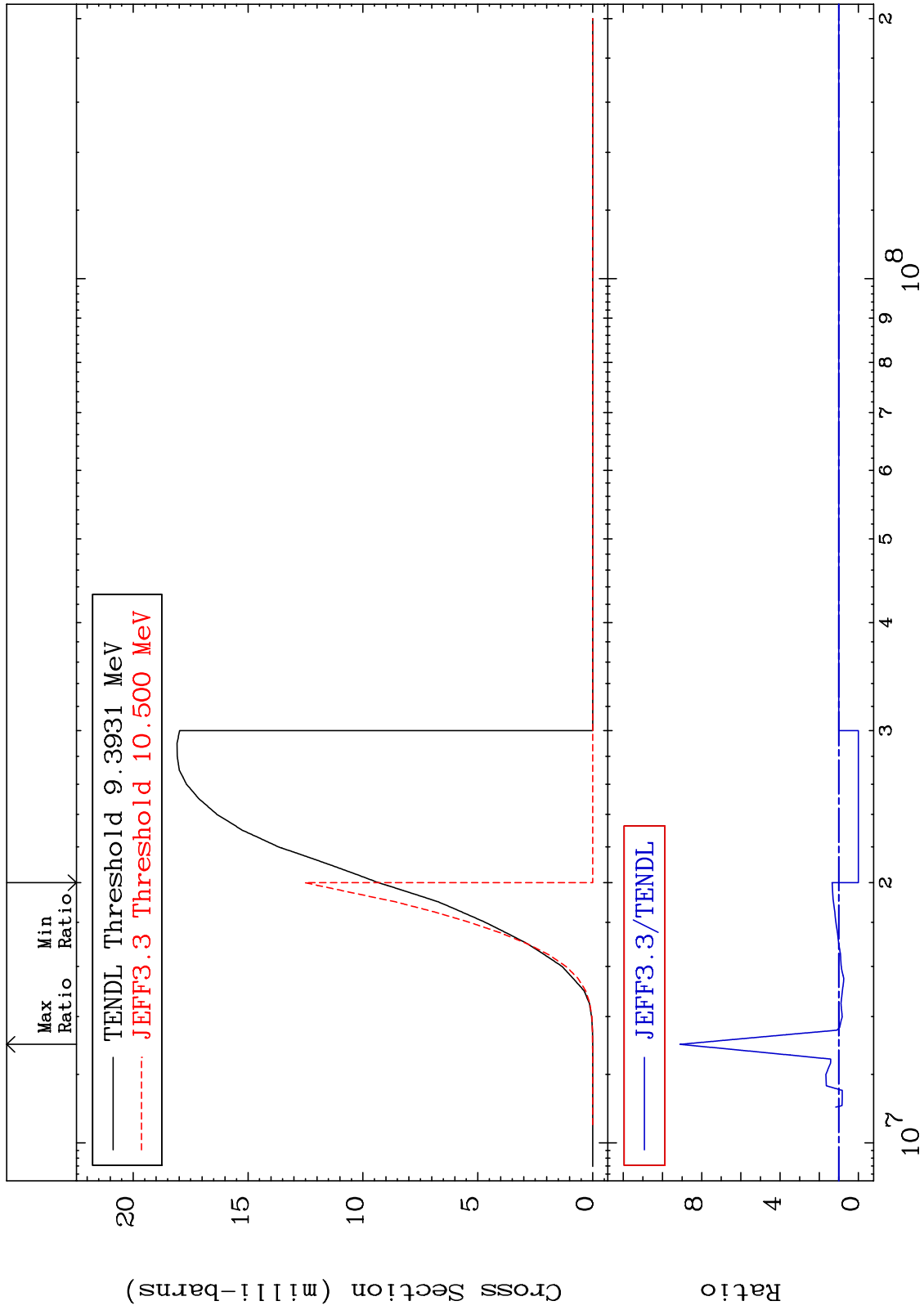
MAT 4043

(n, d)

40-Zr-96

Cross Section

-100.0 To 810.5 %

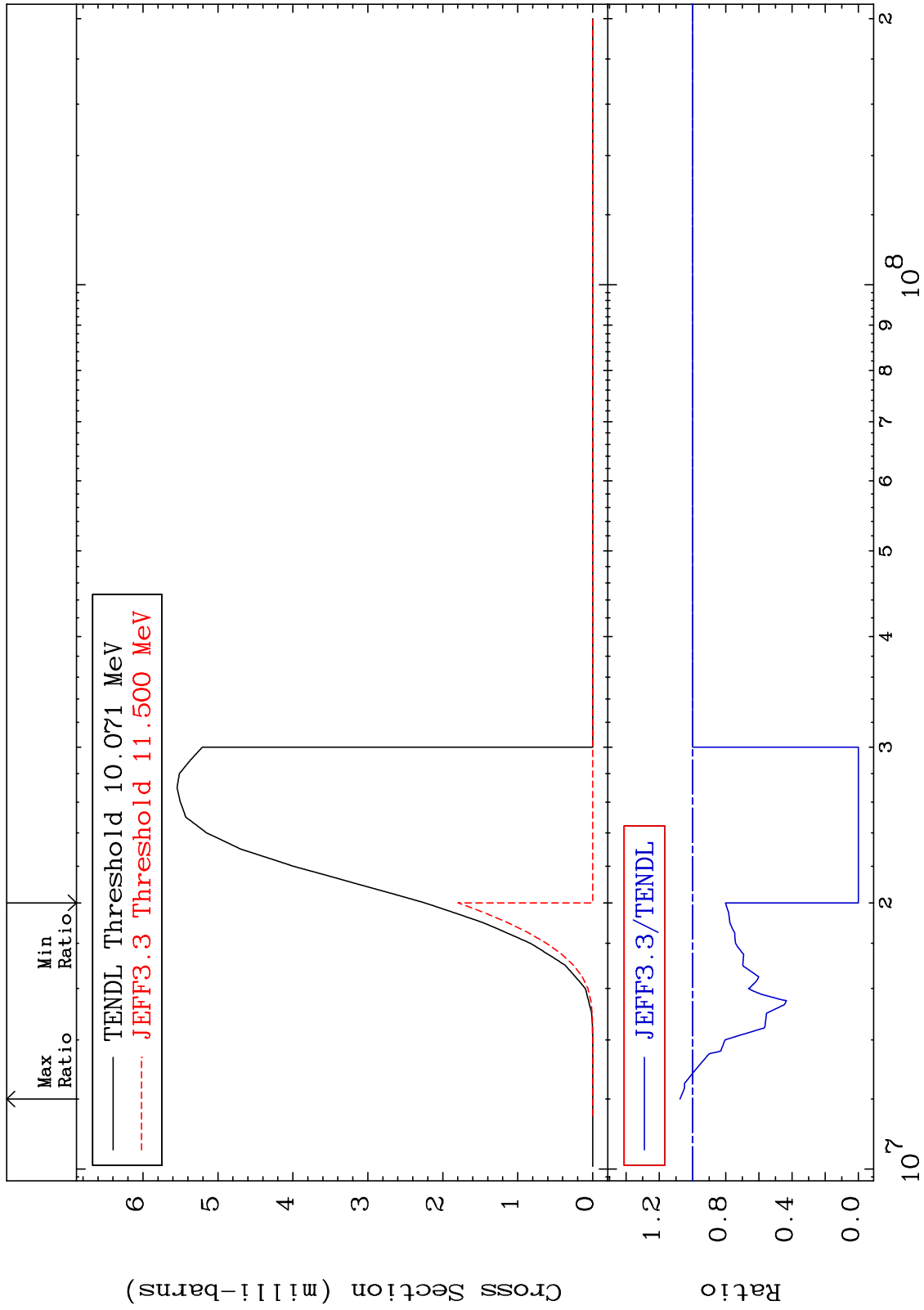


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Incident Energy (eV)

40-Zr-96

MAT 4043 (n, t) Cross Section 40-Zr-96 -100.0 To 7.530 %



Incident Energy (eV) 40-Zr-96

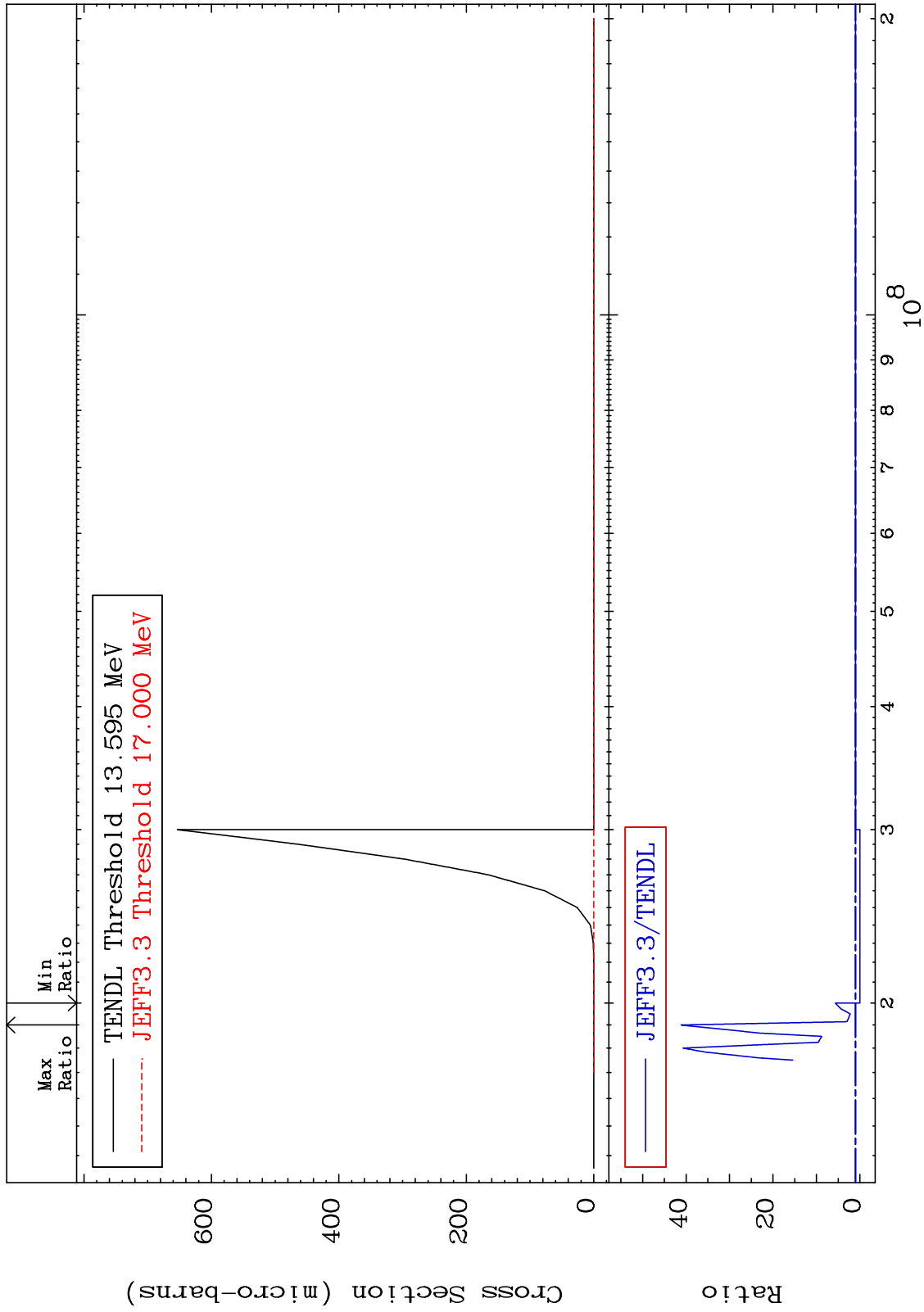
MAT 4043

(n, He-3)

40-Zr-96

Cross Section

-100.0 To 4012. %

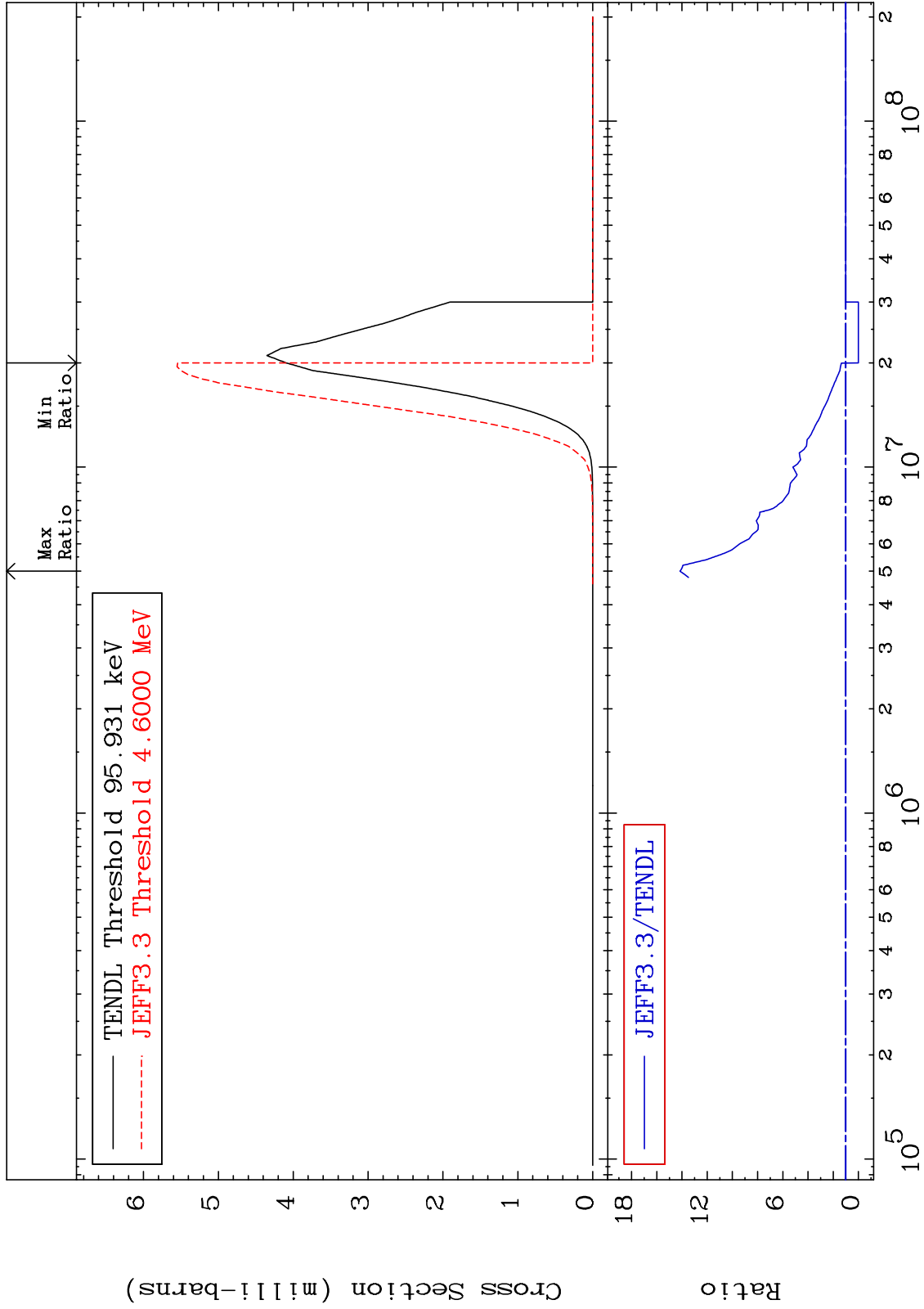


MAT 4043

40-Zr-96

-100.0 To 1316. %

(n,  $\alpha$ )  
Cross Section



40-Zr-96

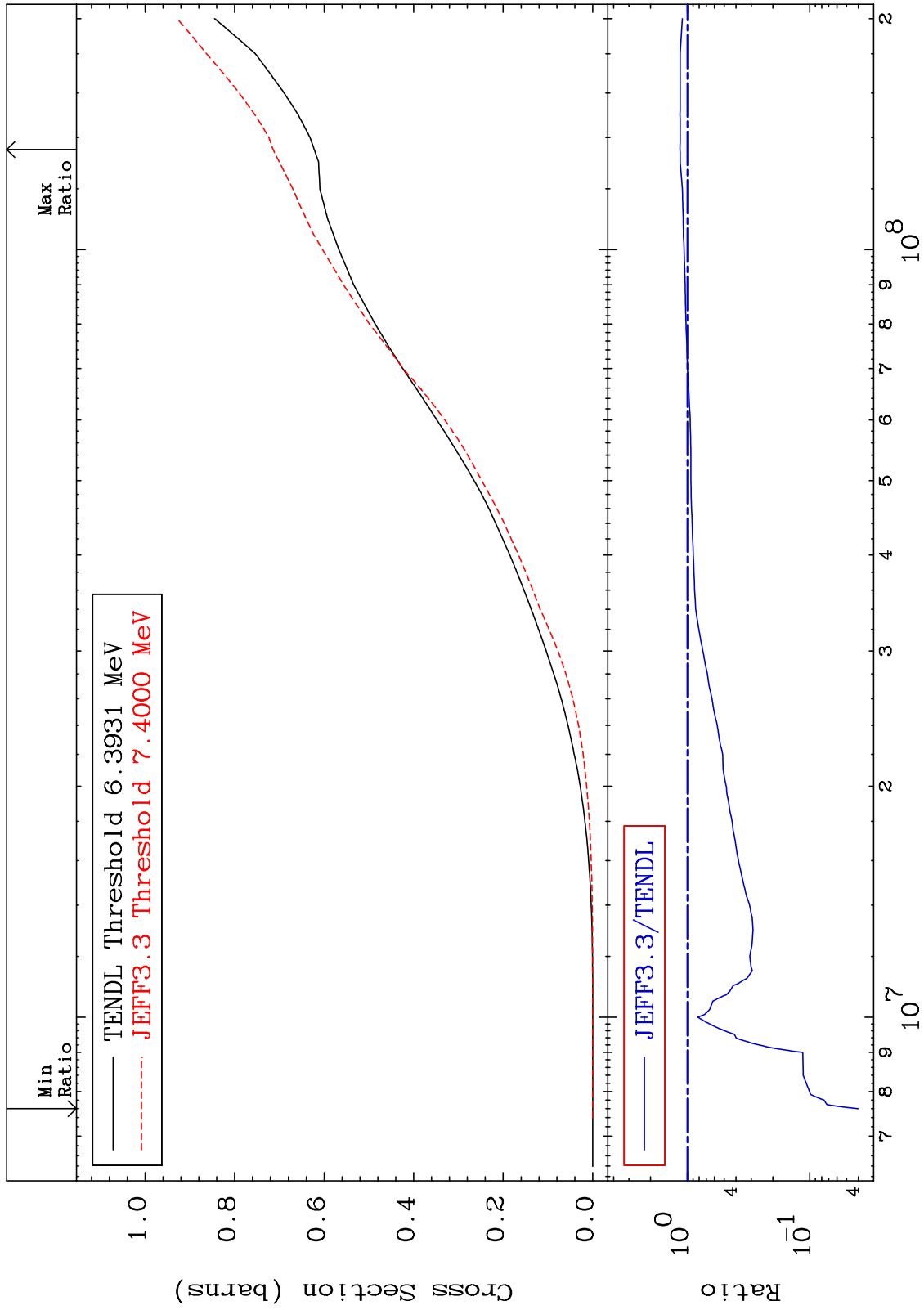
Incident Energy (eV)

36

MAT 4043

Hydrogen Production  
Cross Section

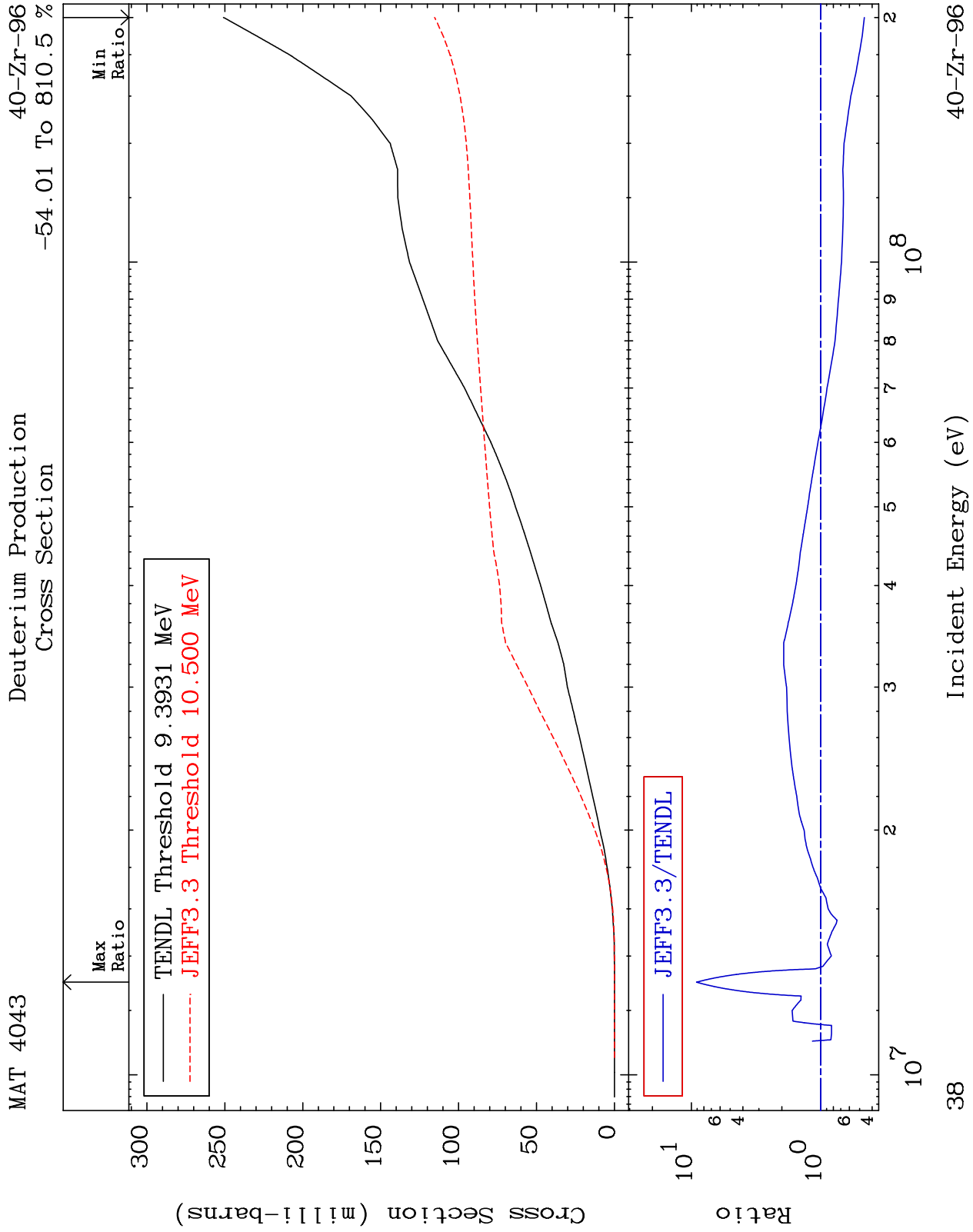
40-Zr-96  
-96.00 To 14.76 %

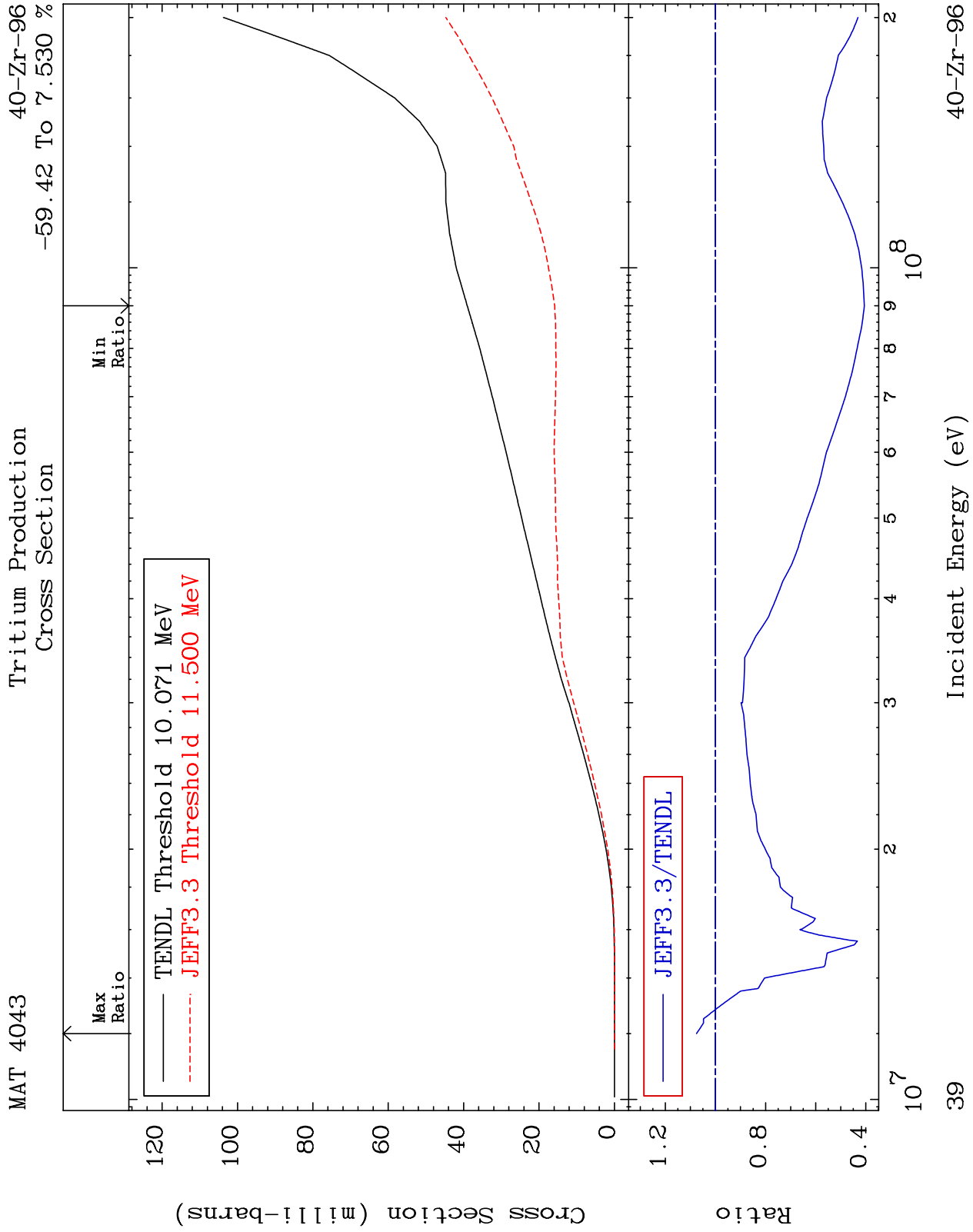


37

Incident Energy (eV)

40-Zr-96



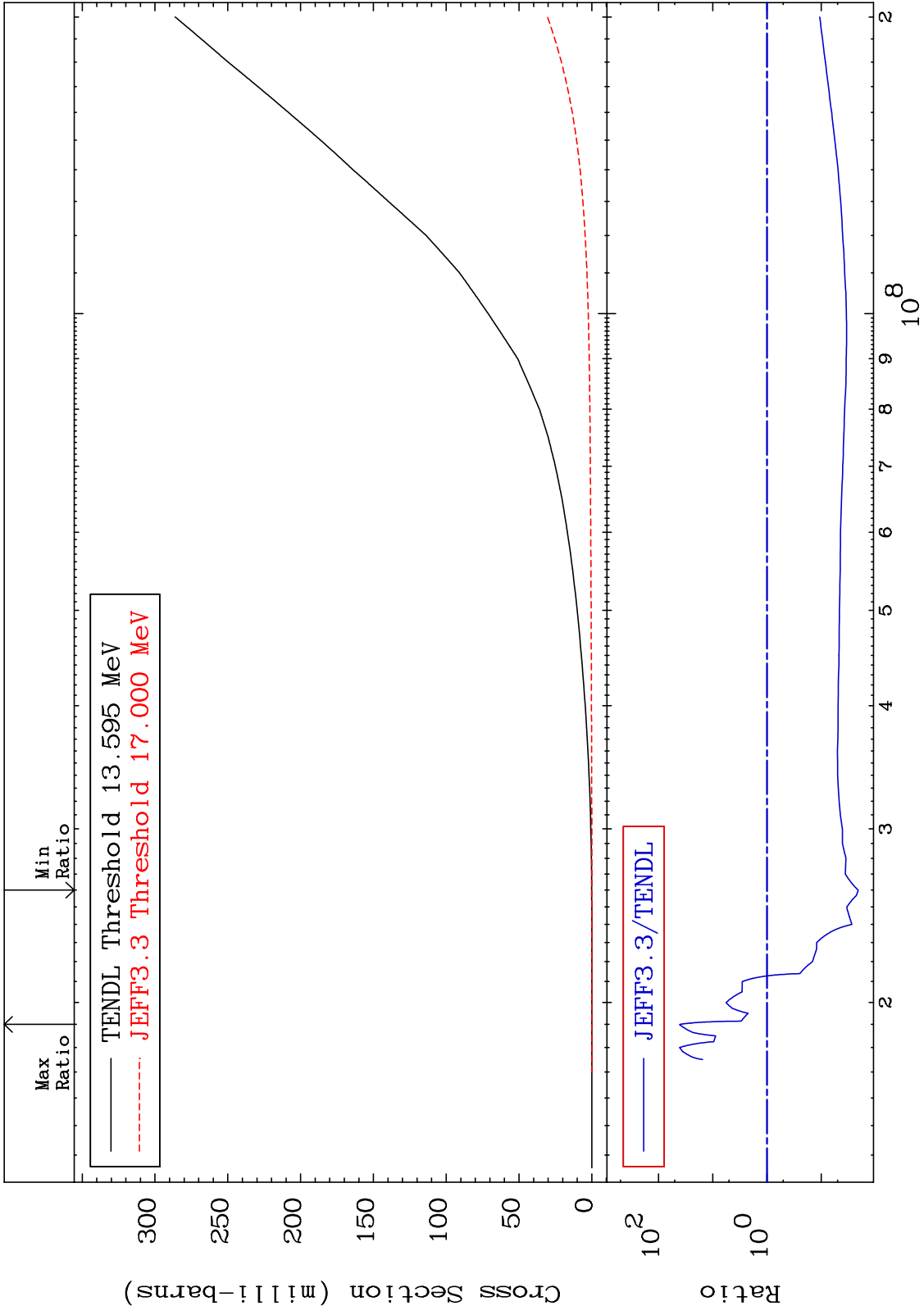




MAT 4043

He-3 Production  
Cross Section

40-Zr-96  
-97.92 To 4012. %



40

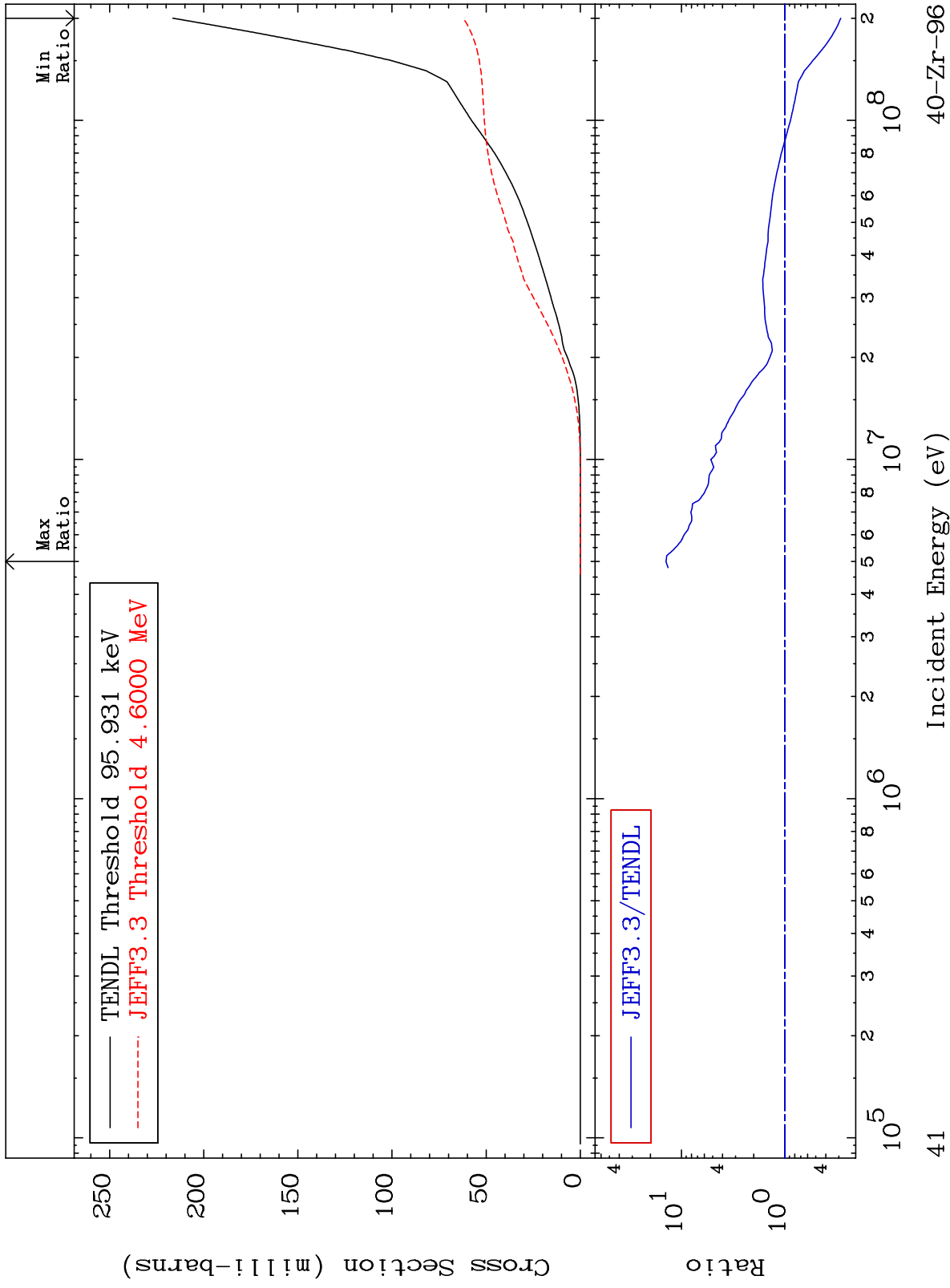
Incident Energy (eV)

40-Zr-96

MAT 4043

He-4 Production  
Cross Section

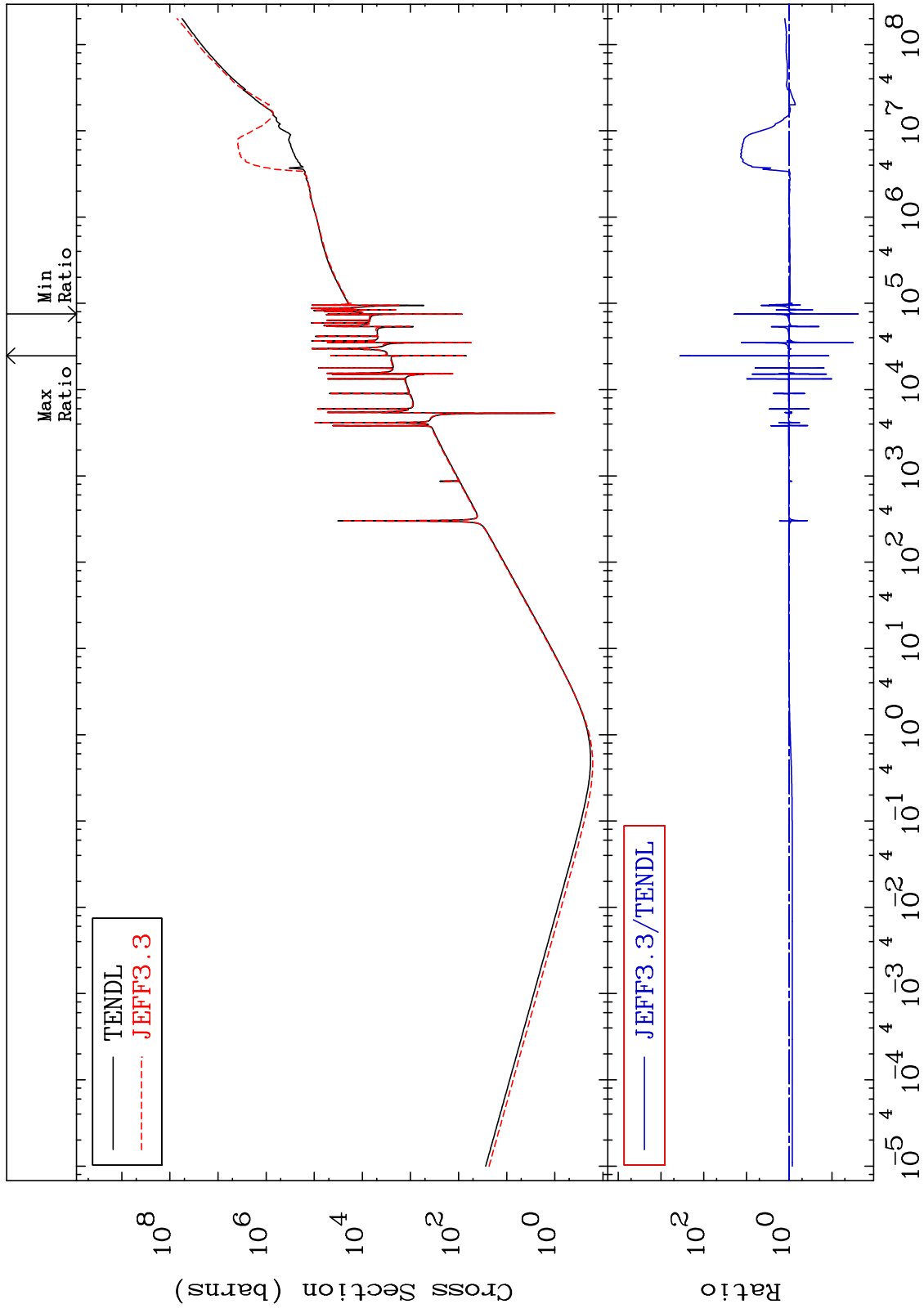
40-Zr-96  
-71.34 To 1316. %



MAT 4043

Kerma total (eV-barns)  
Cross Section

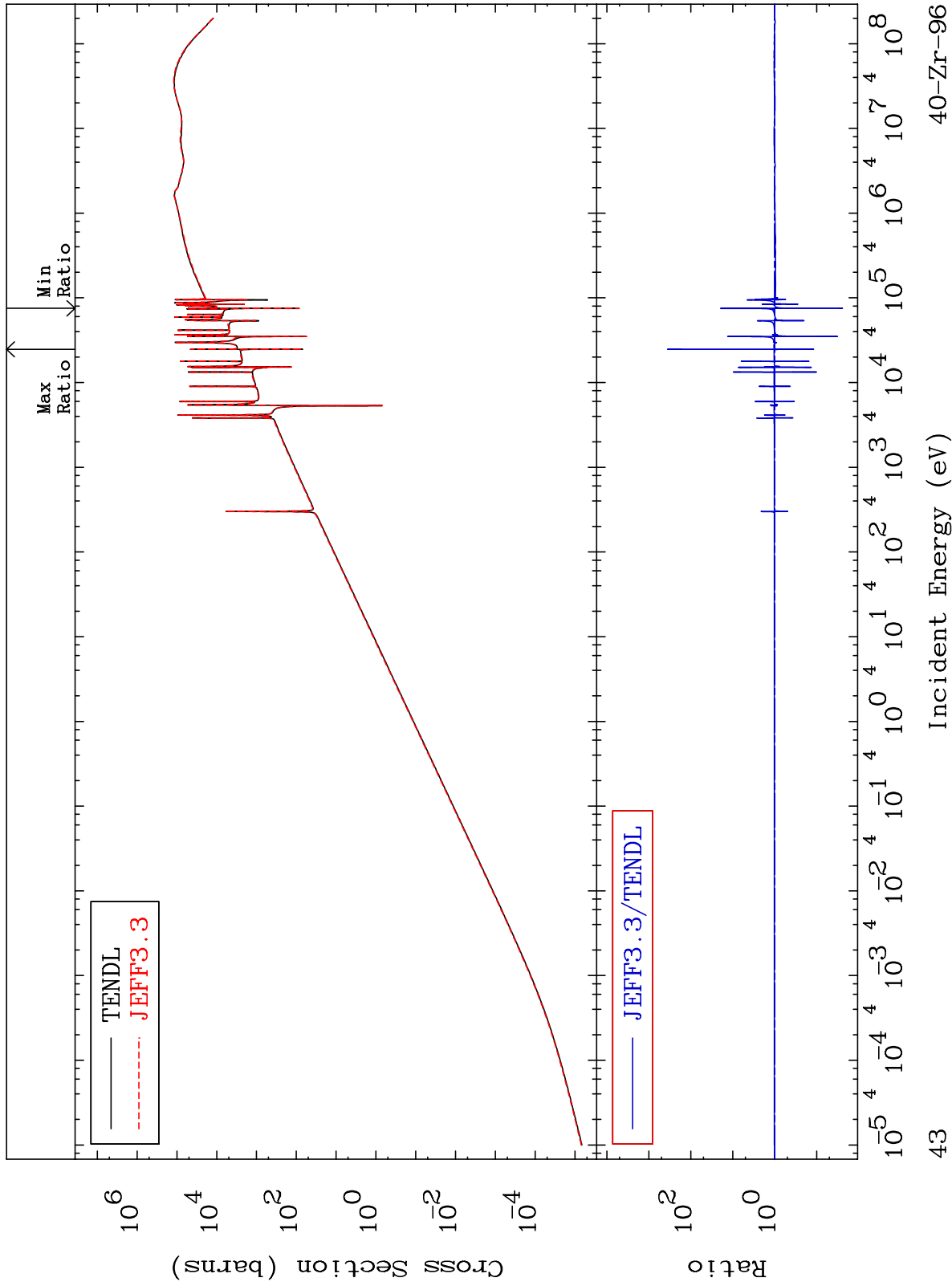
40-Zr-96  
-97.58 To 9999. %



MAT 4043

Kerma elastic  
Cross Section

40-Zr-96  
-97.58 To 9999. %



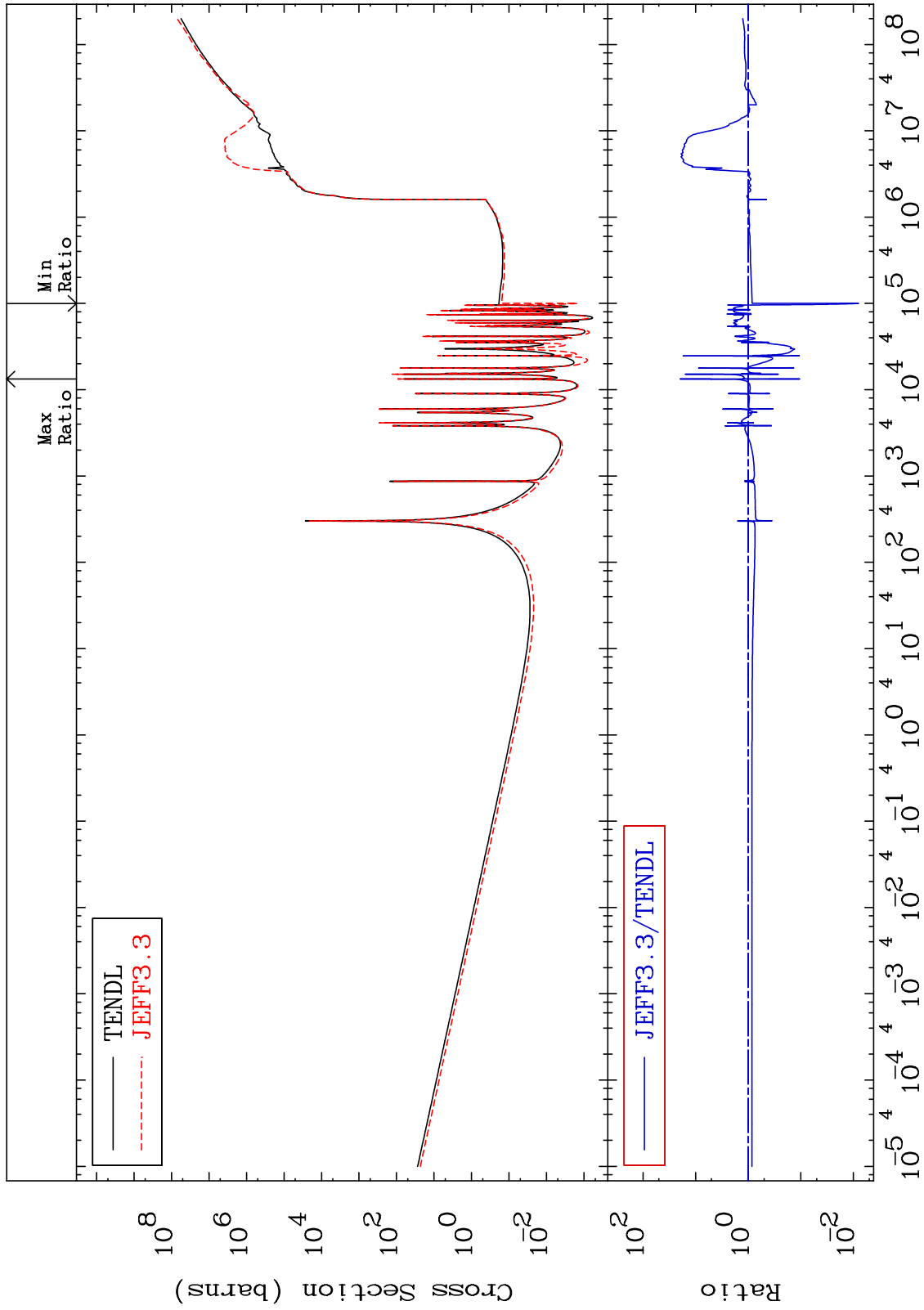
40-Zr-96

43

MAT 4043

Kerma non-elastic (all but mt2)  
Cross Section

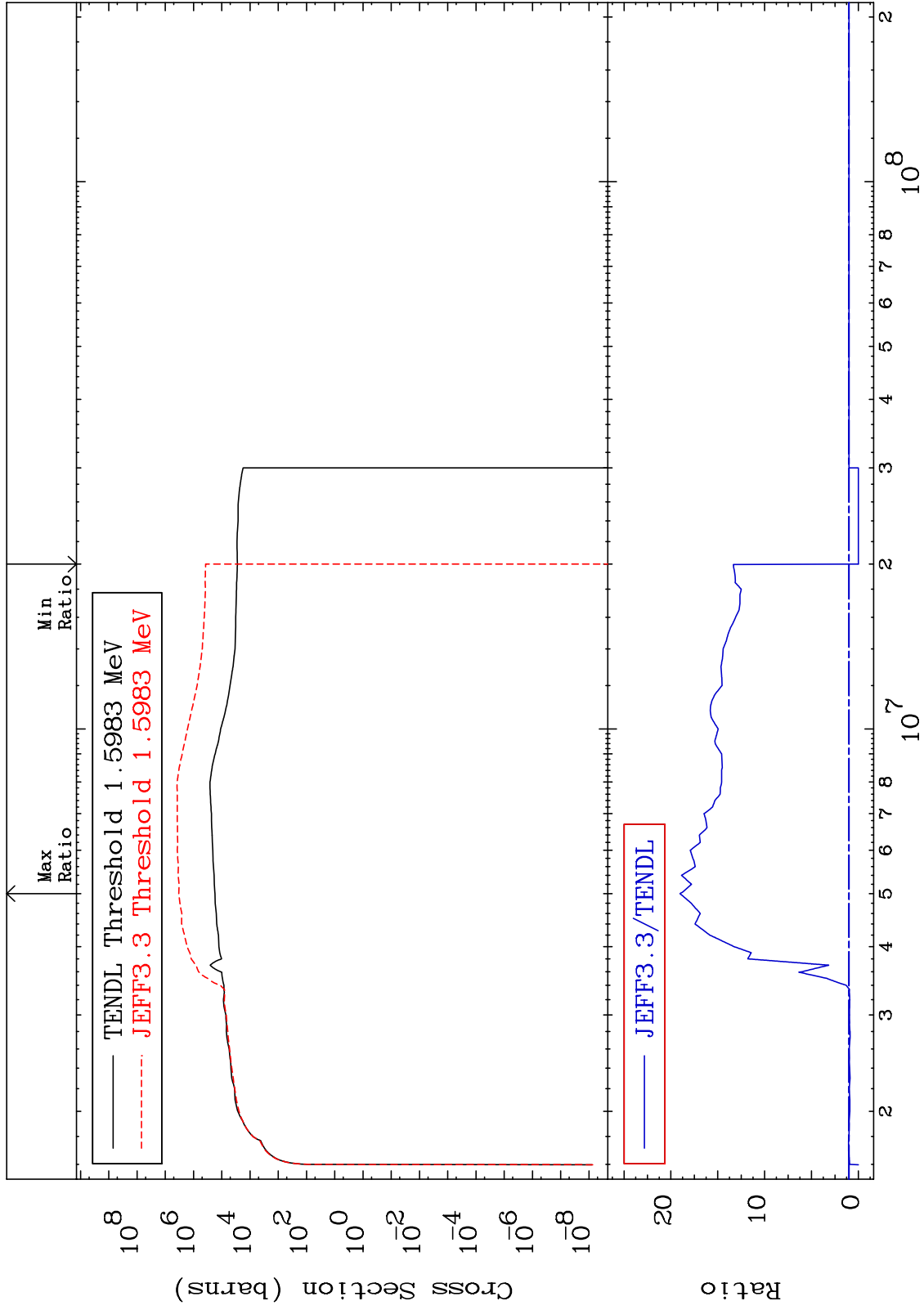
40-Zr-96  
-99.20 To 1881. %



MAT 4043

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-96  
-100.0 To 1803. %



45

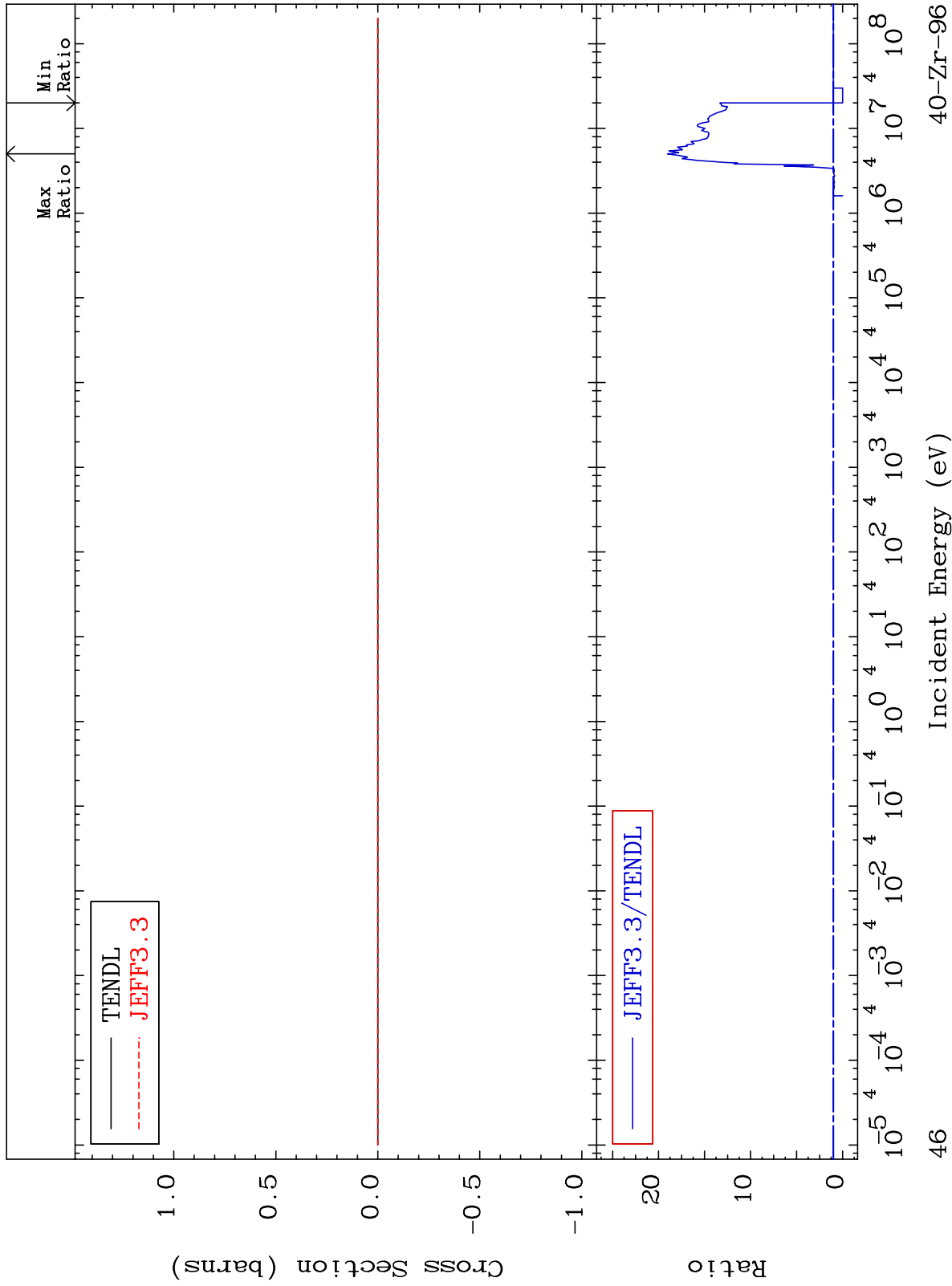
Incident Energy (eV)

40-Zr-96

MAT 4043

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

40-Zr-96  
-100.0 To 1803. %



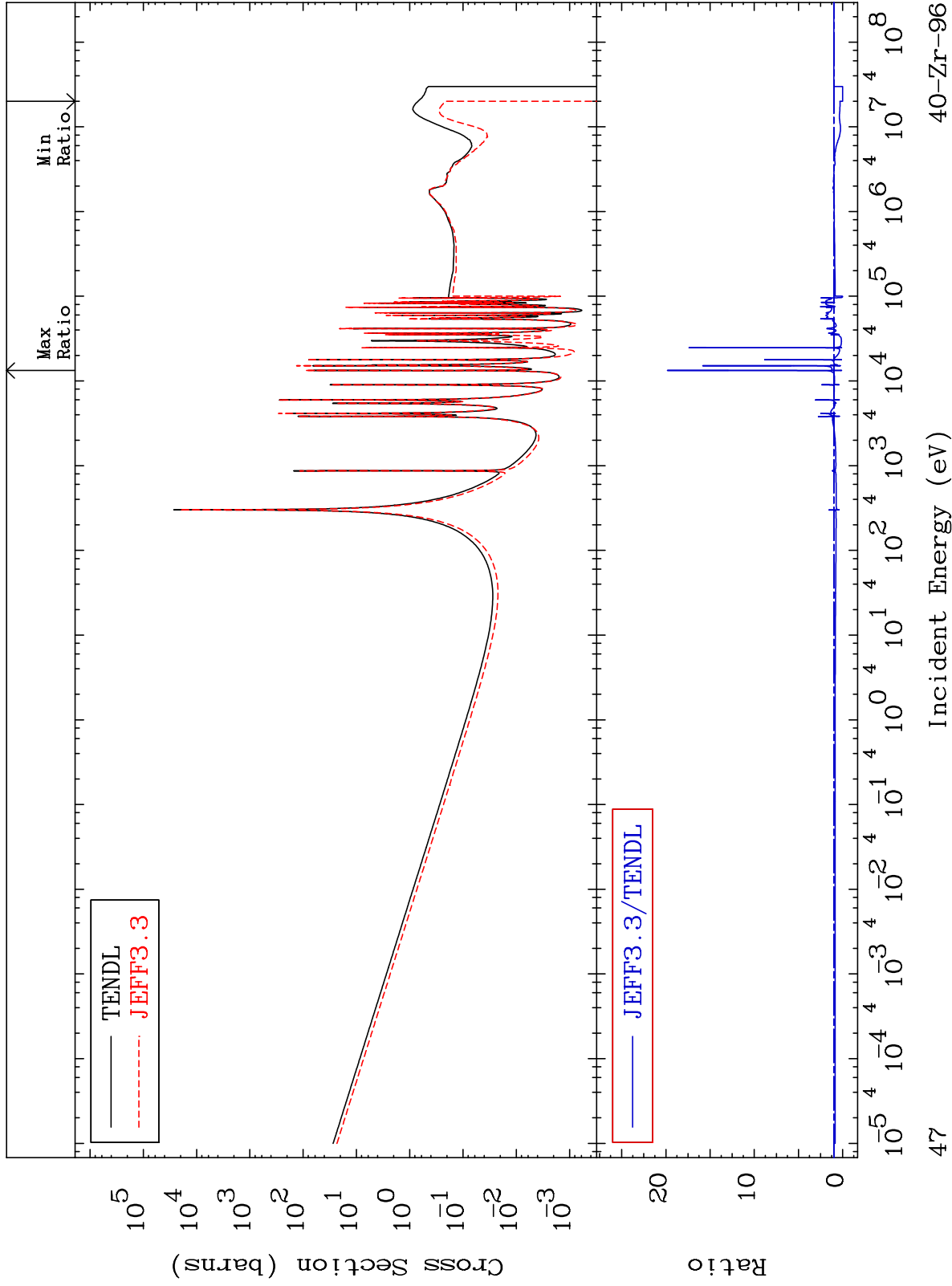
46

40-Zr-96

MAT 4043

Kerma capture (mt102)  
Cross Section

40-Zr-96  
-100.0 To 1881. %



47

Incident Energy (eV)

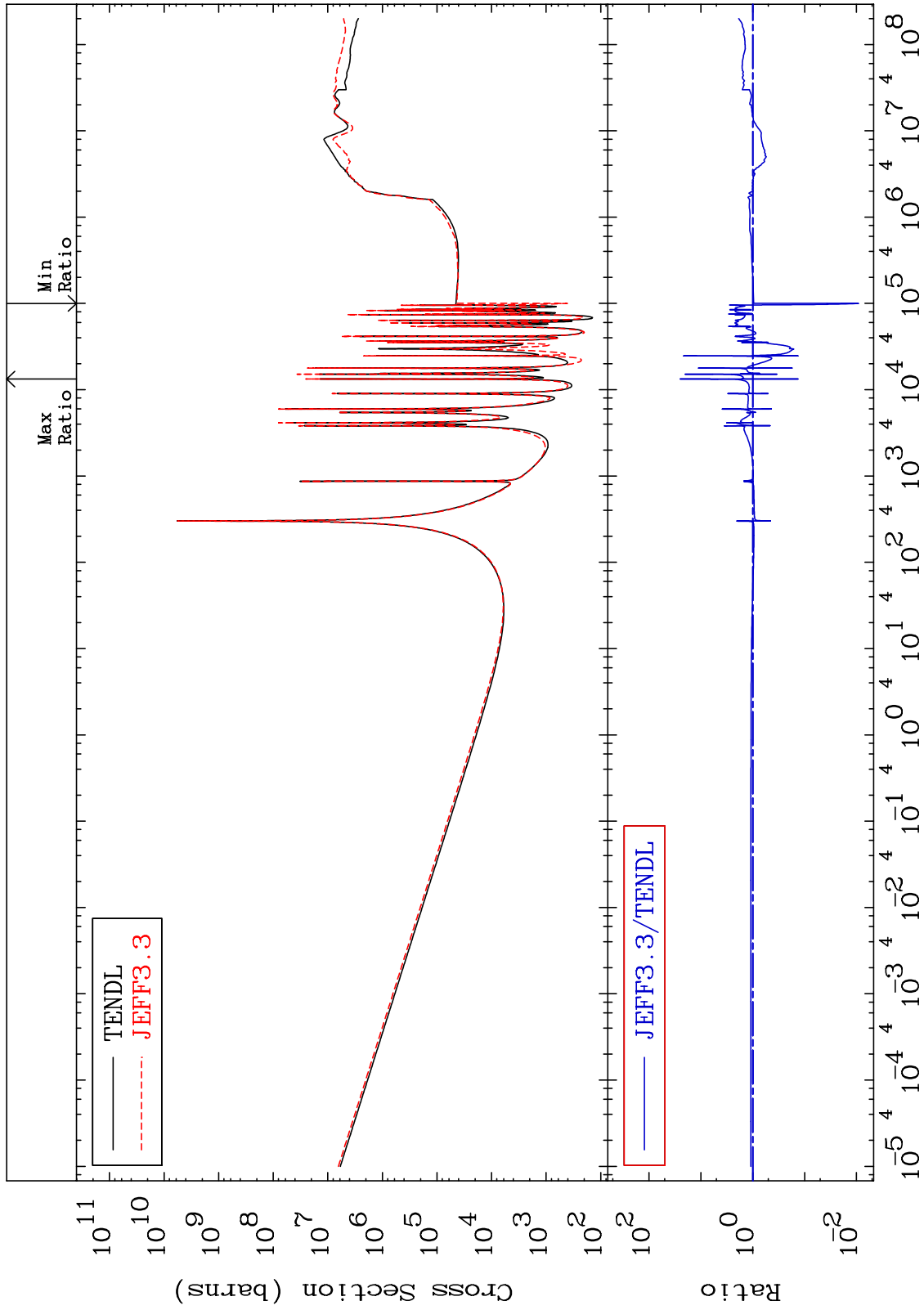
40-Zr-96



MAT 4043

Total photon (eV-barns)  
Cross Section

40-Zr-96  
-99.08 To 2422. %



48

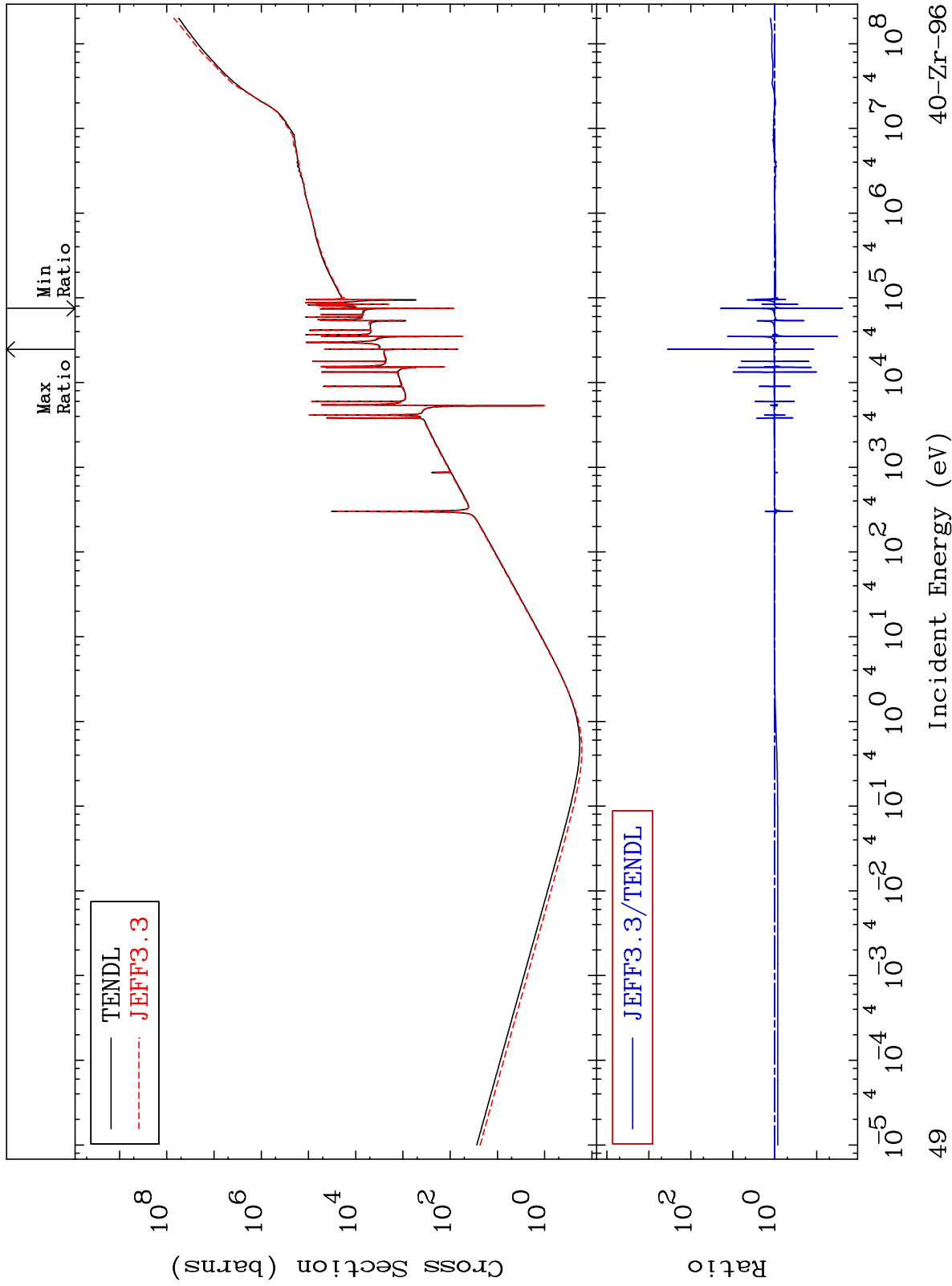
Incident Energy (eV)

40-Zr-96

MAT 4043

Total kinematic kerma (high limit)  
Cross Section

40-Zr-96  
-97.58 To 9999. %



49

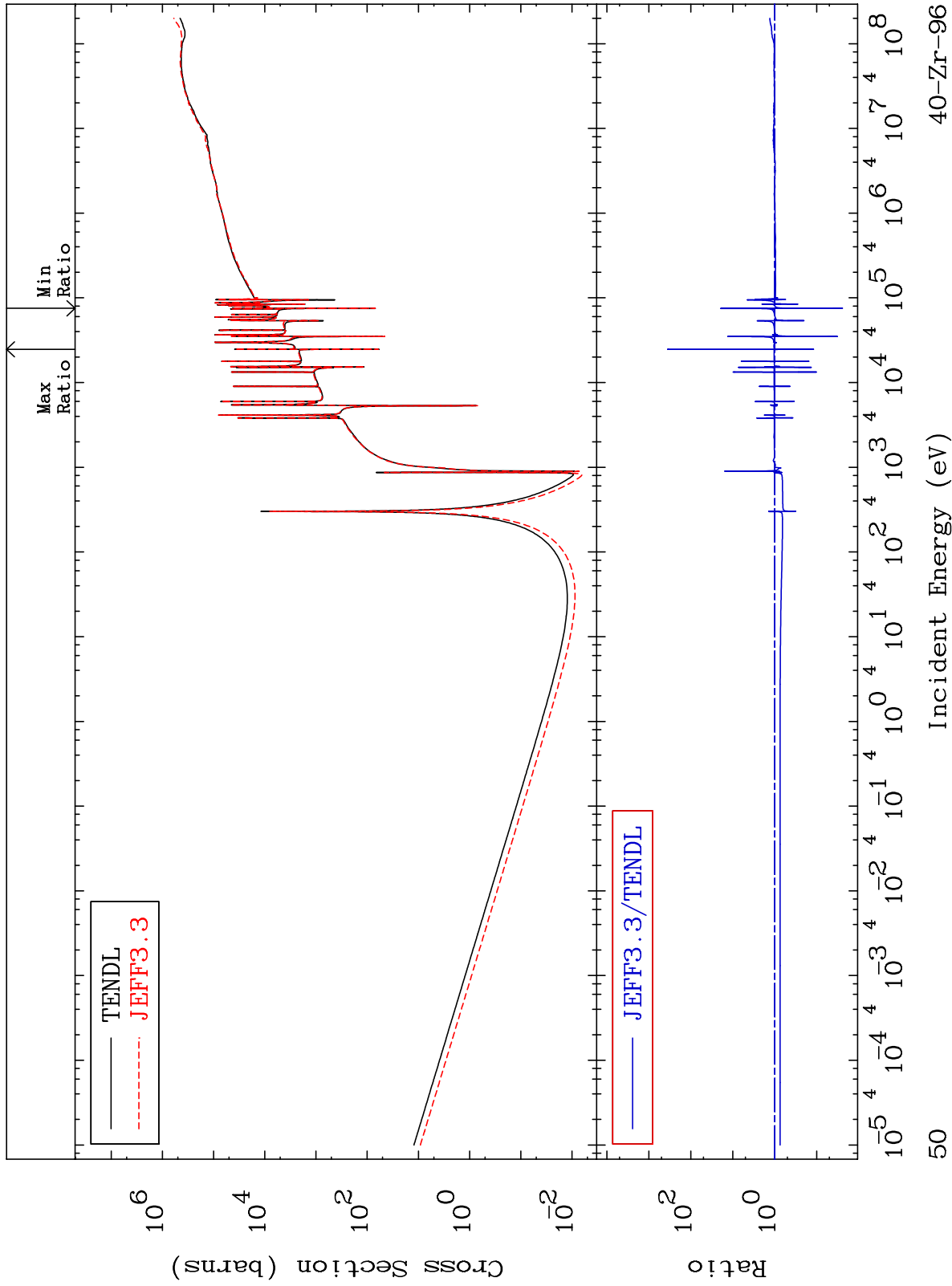
Incident Energy (eV)

40-Zr-96

MAT 4043

Dpa total (eV-barns)  
Cross Section

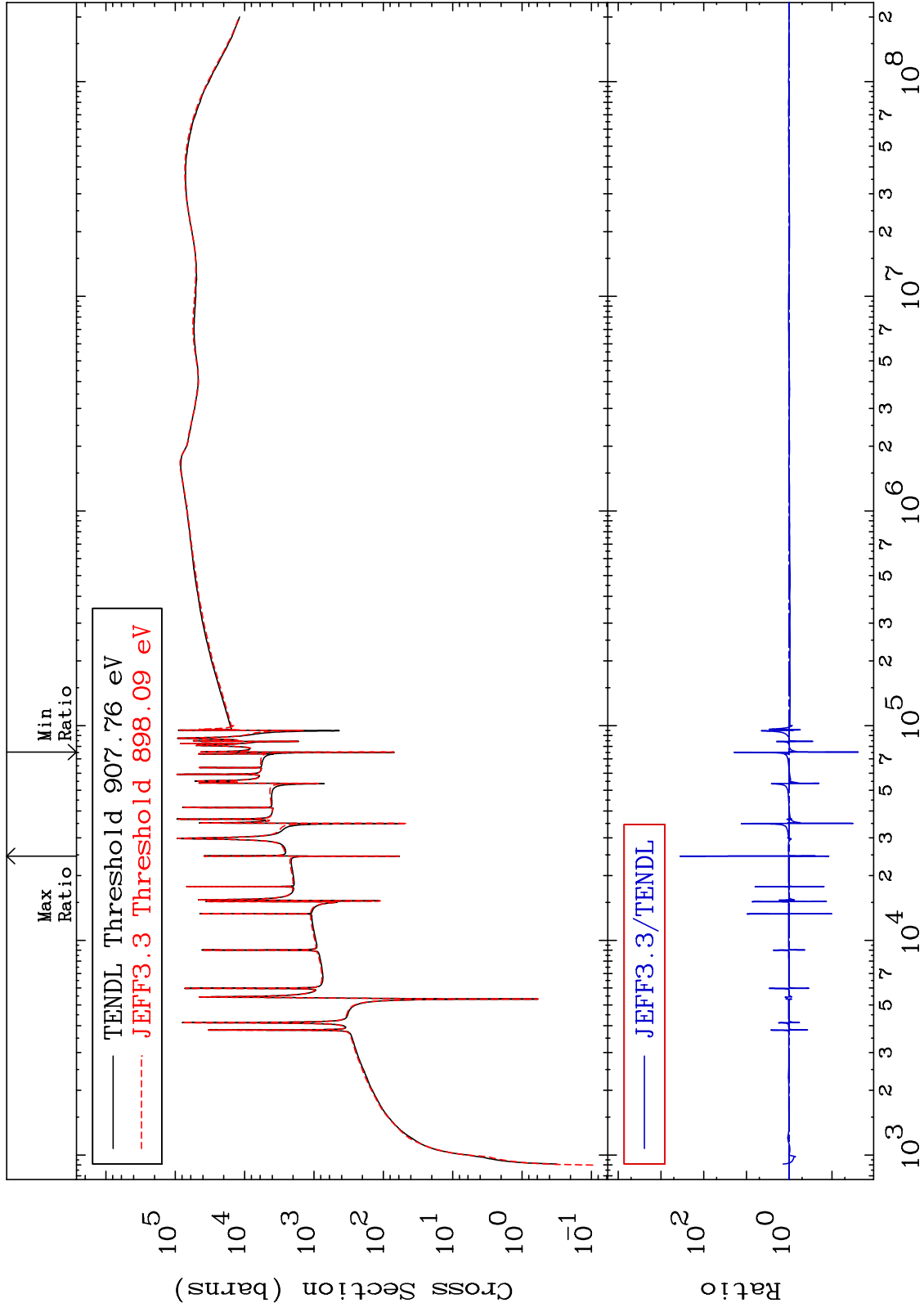
40-Zr-96  
-97.58 To 9999. %



MAT 4043

Dpa elastic (mt2)  
Cross Section

40-Zr-96  
-97.58 To 9999. %



51

40-Zr-96

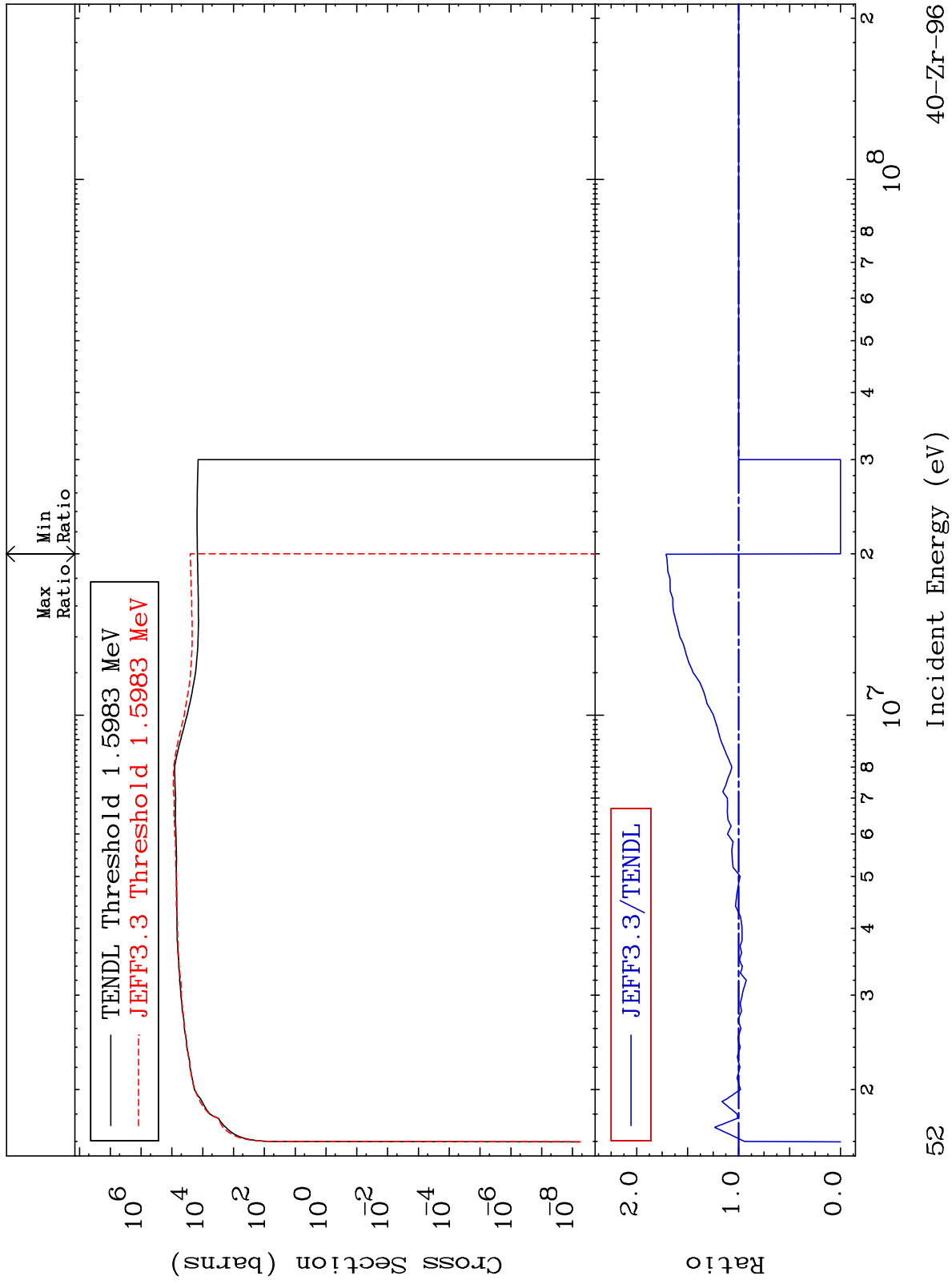
40-Zr-96

MAT 4043

Dpa inelastic (mt51-91)

40-Zr-96

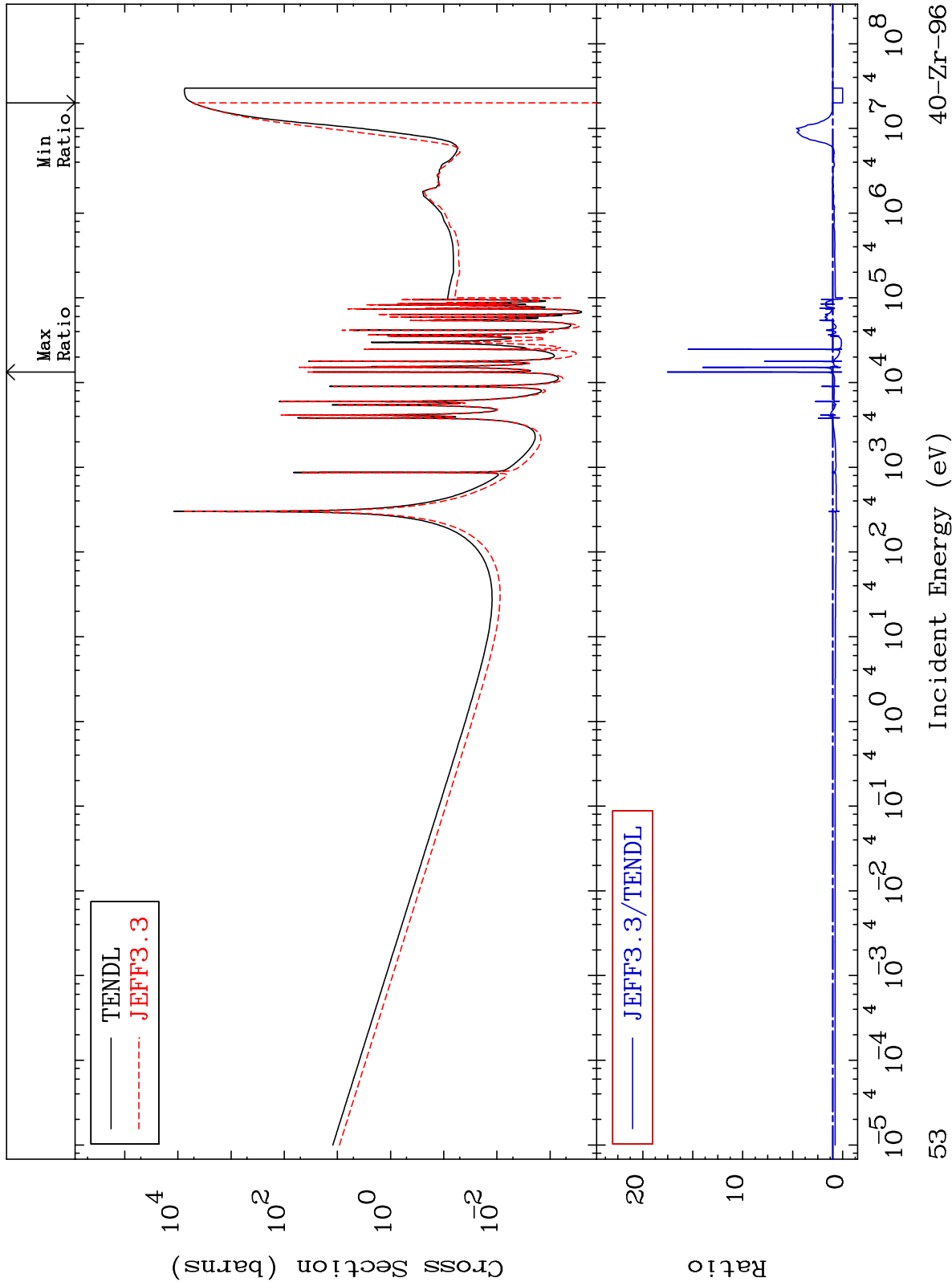
-100.0 To 71.36 %



MAT 4043

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-96  
-100.0 To 1652. %



53

Incident Energy (eV)

40-Zr-96