

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

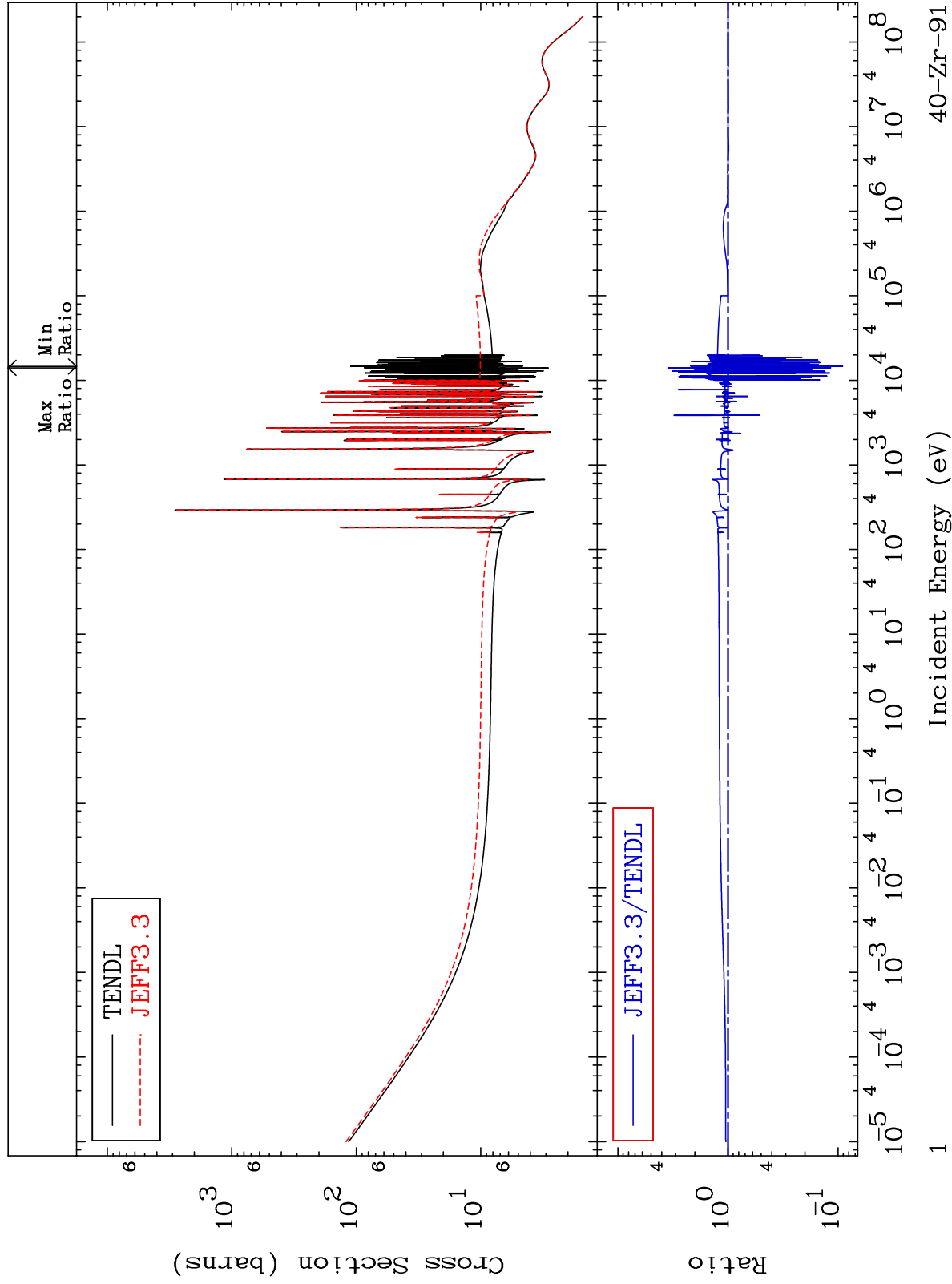
MAT 4028

Total

Cross Section

40-Zr-91

-90.93 To 251.1 %

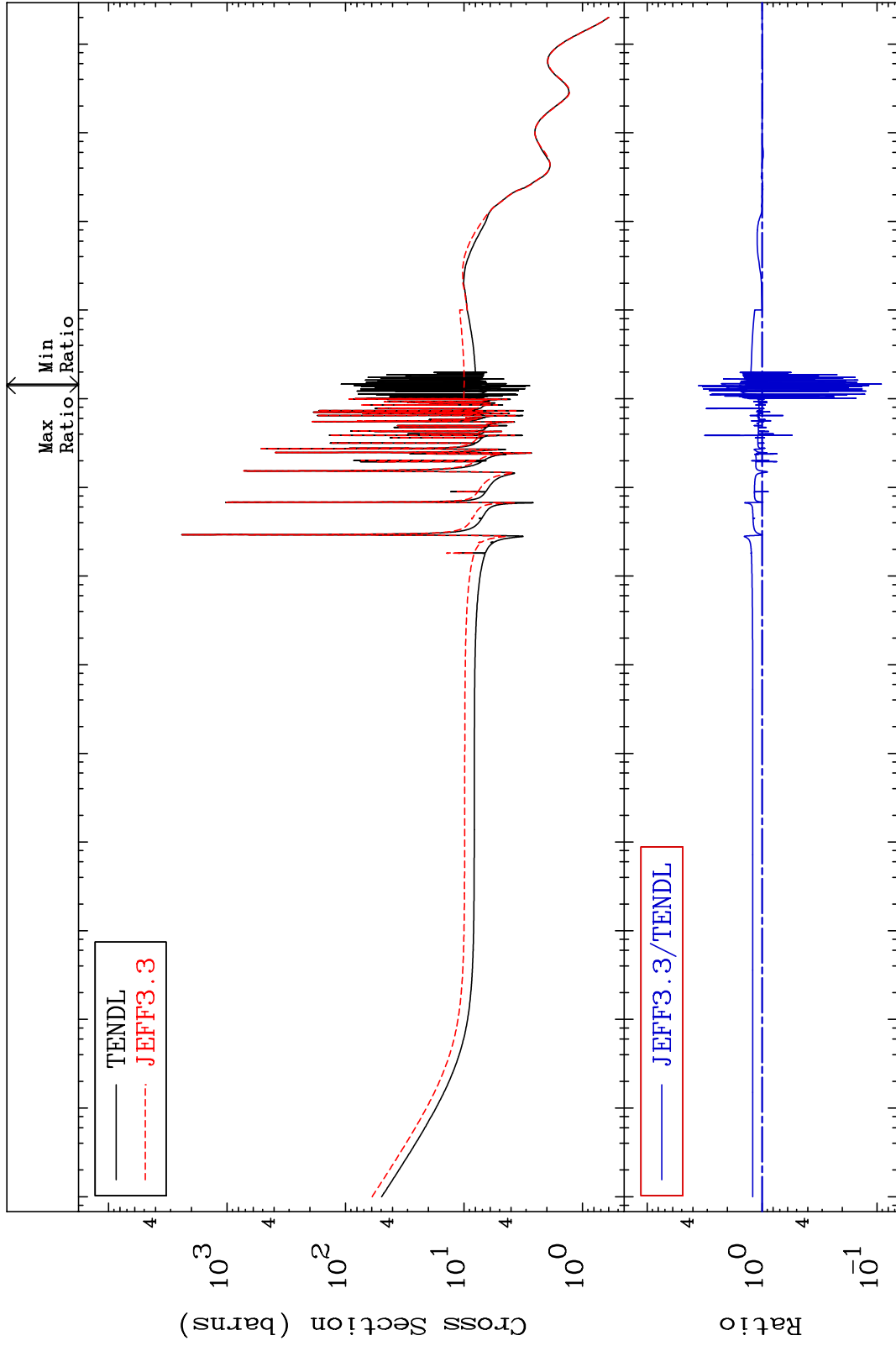


40-Zr-91

MAT 4028

Elastic  
Cross Section

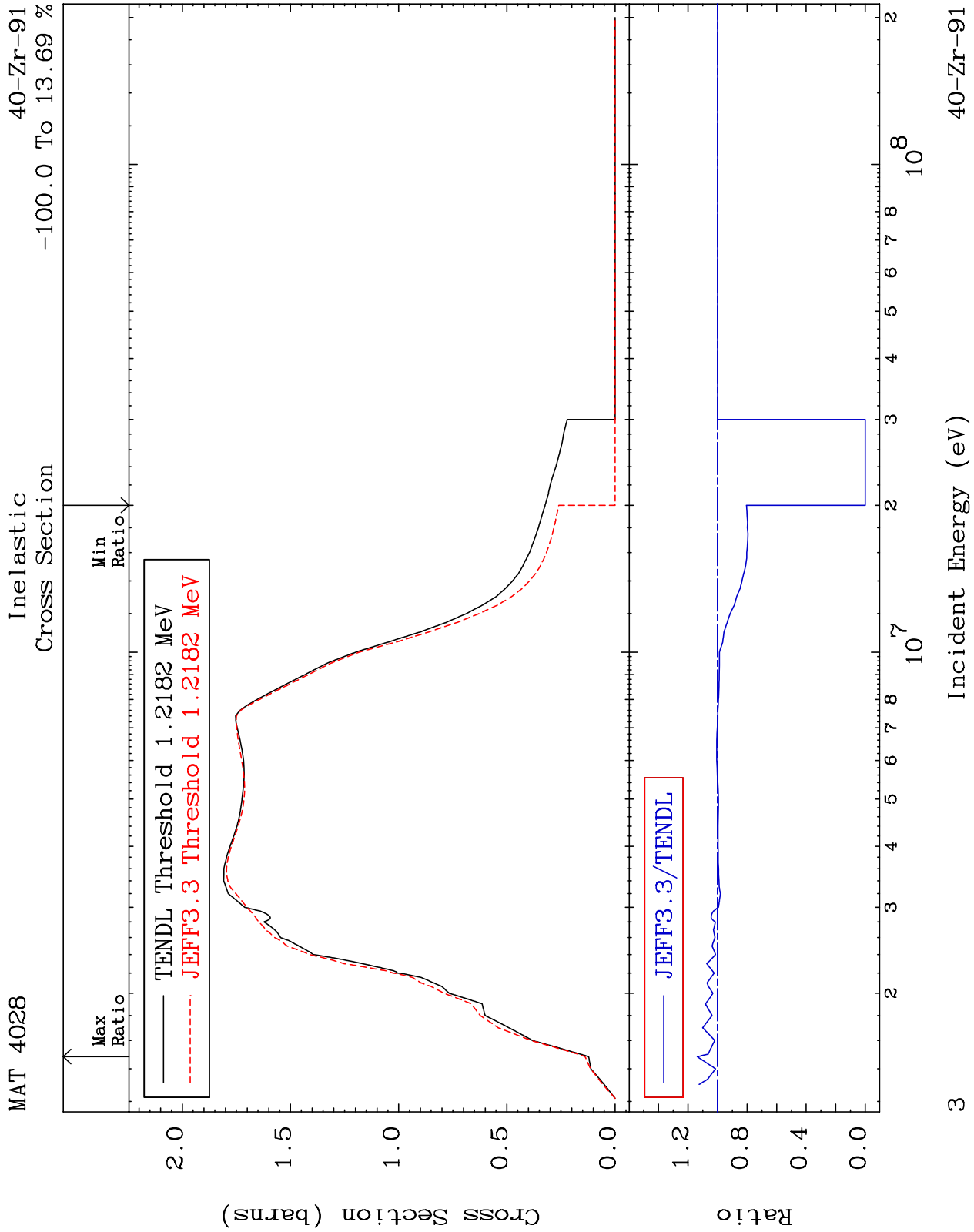
40-Zr-91  
-90.87 To 258.4 %



40-Zr-91

Incident Energy (eV)

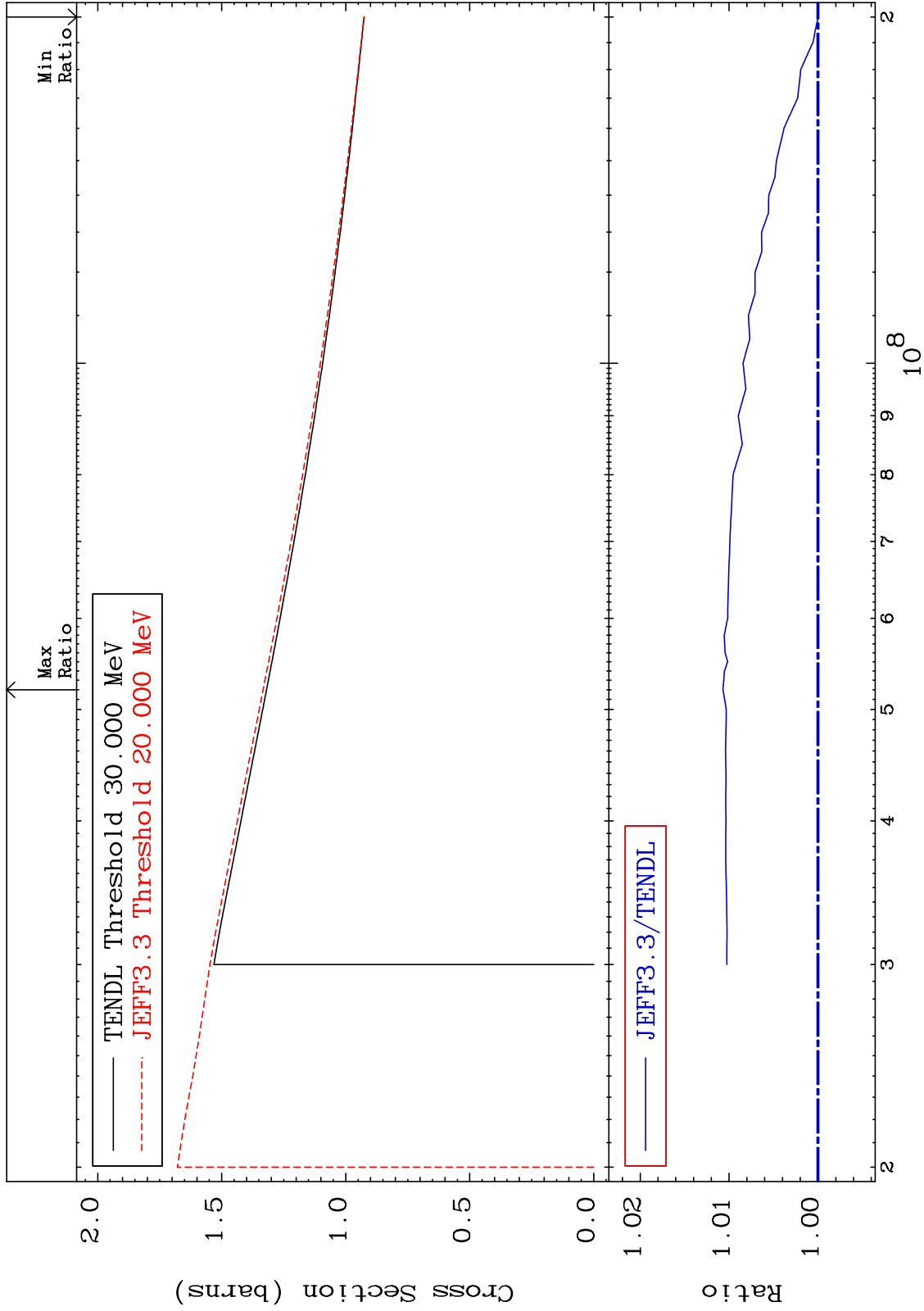
2



MAT 4028

(n, remainder)  
Cross Section

40-Zr-91  
-0.002 To 1.069 %



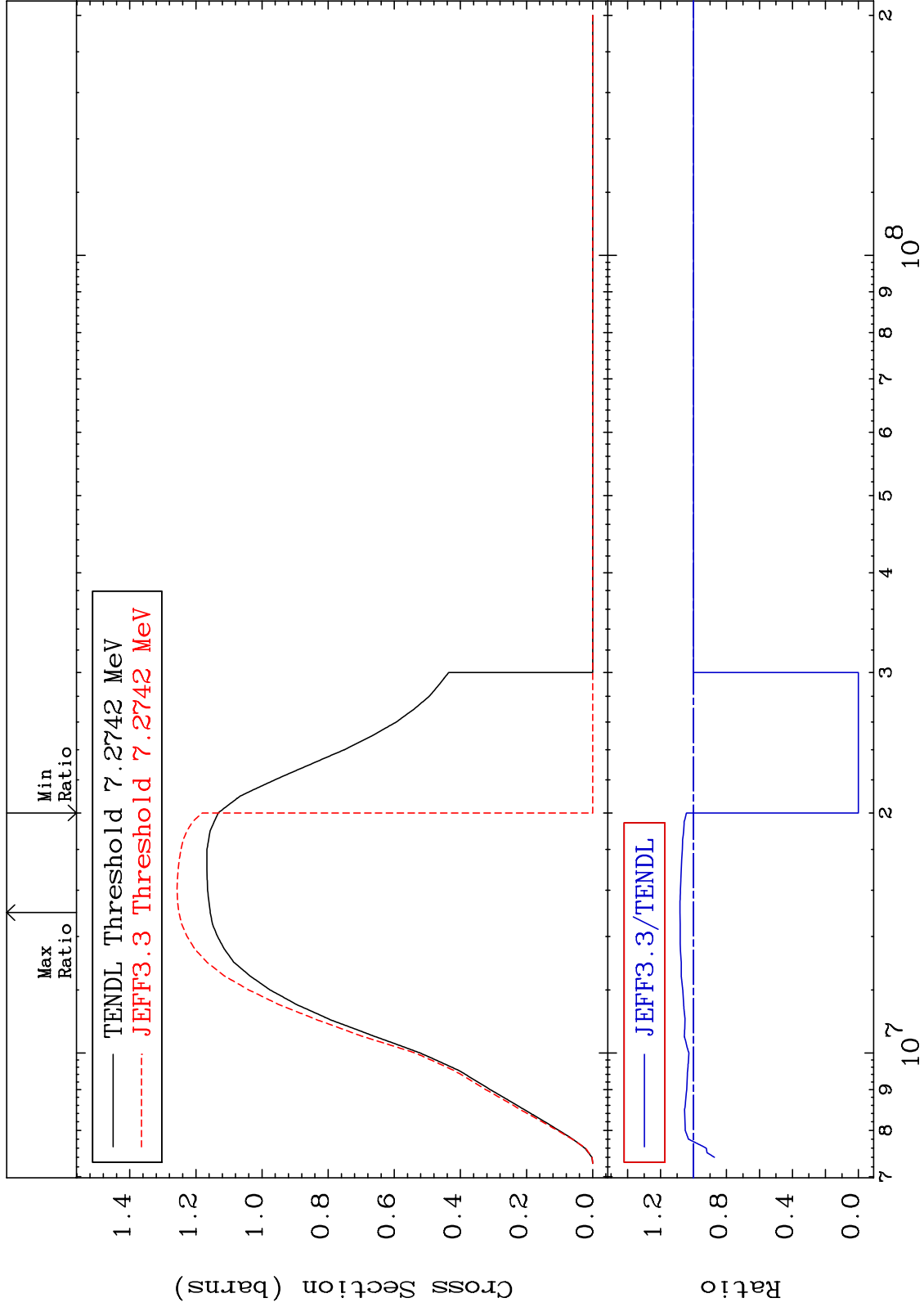
MAT 4028

(n,2n)

40-Zr-91

Cross Section

-100.0 To 8.200 %



40-Zr-91

Incident Energy (eV)

5

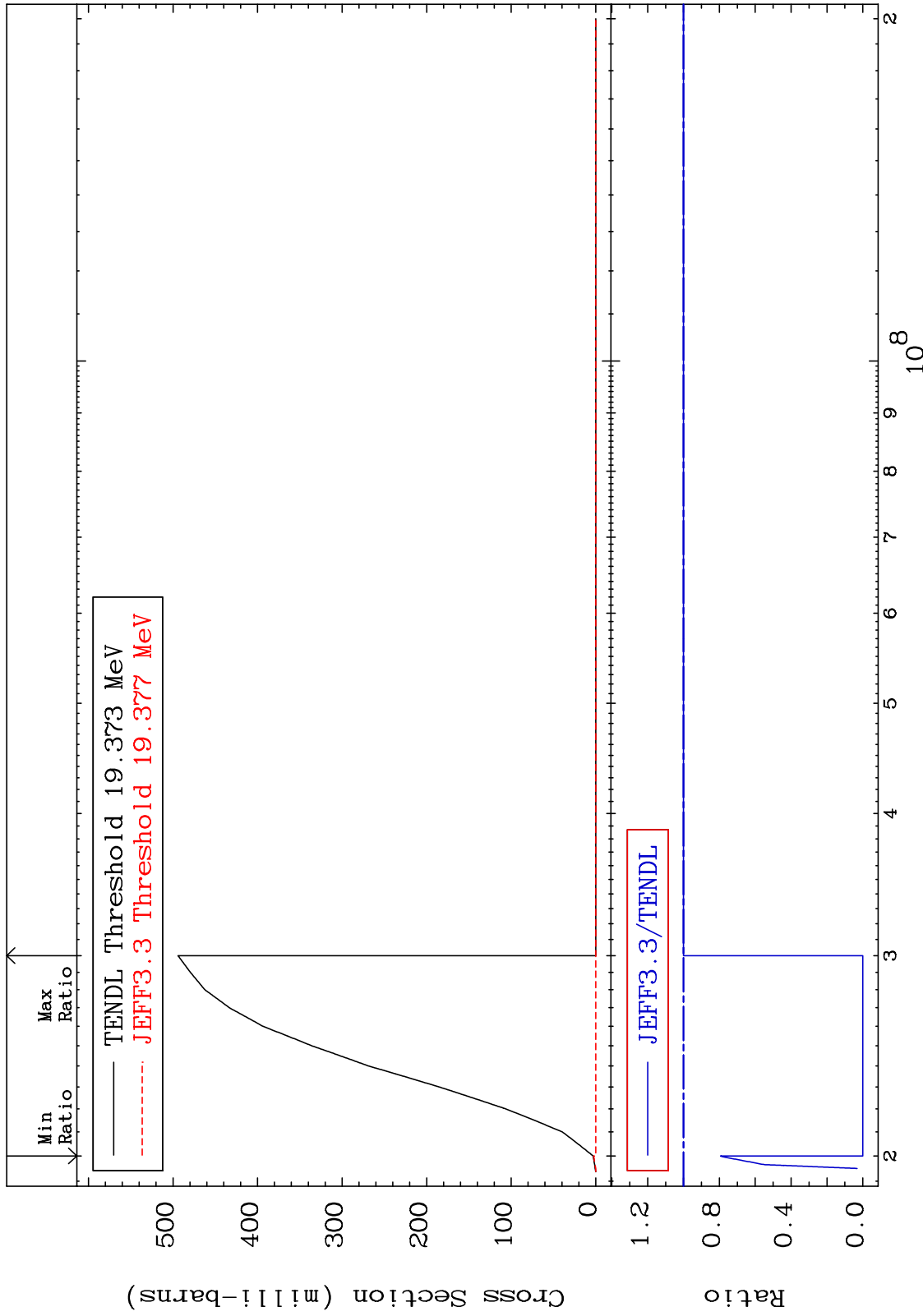
MAT 4028

(n, 3n)

40-Zr-91

Cross Section

-100.0 To 0.000 %



6

40-Zr-91

40-Zr-91

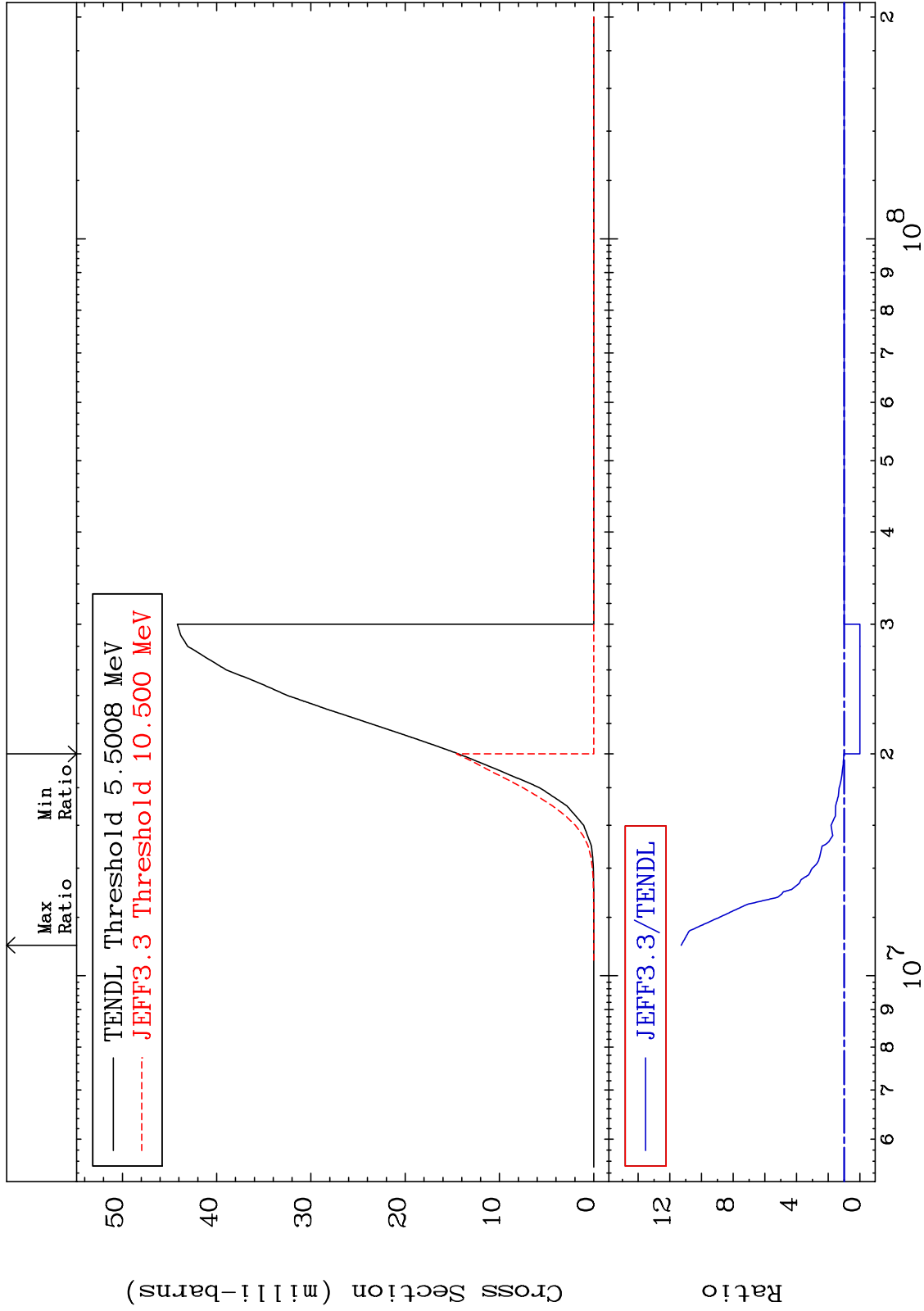
MAT 4028

(n,n')  $\alpha$

40-Zr-91

Cross Section

-100.0 To 1028. %





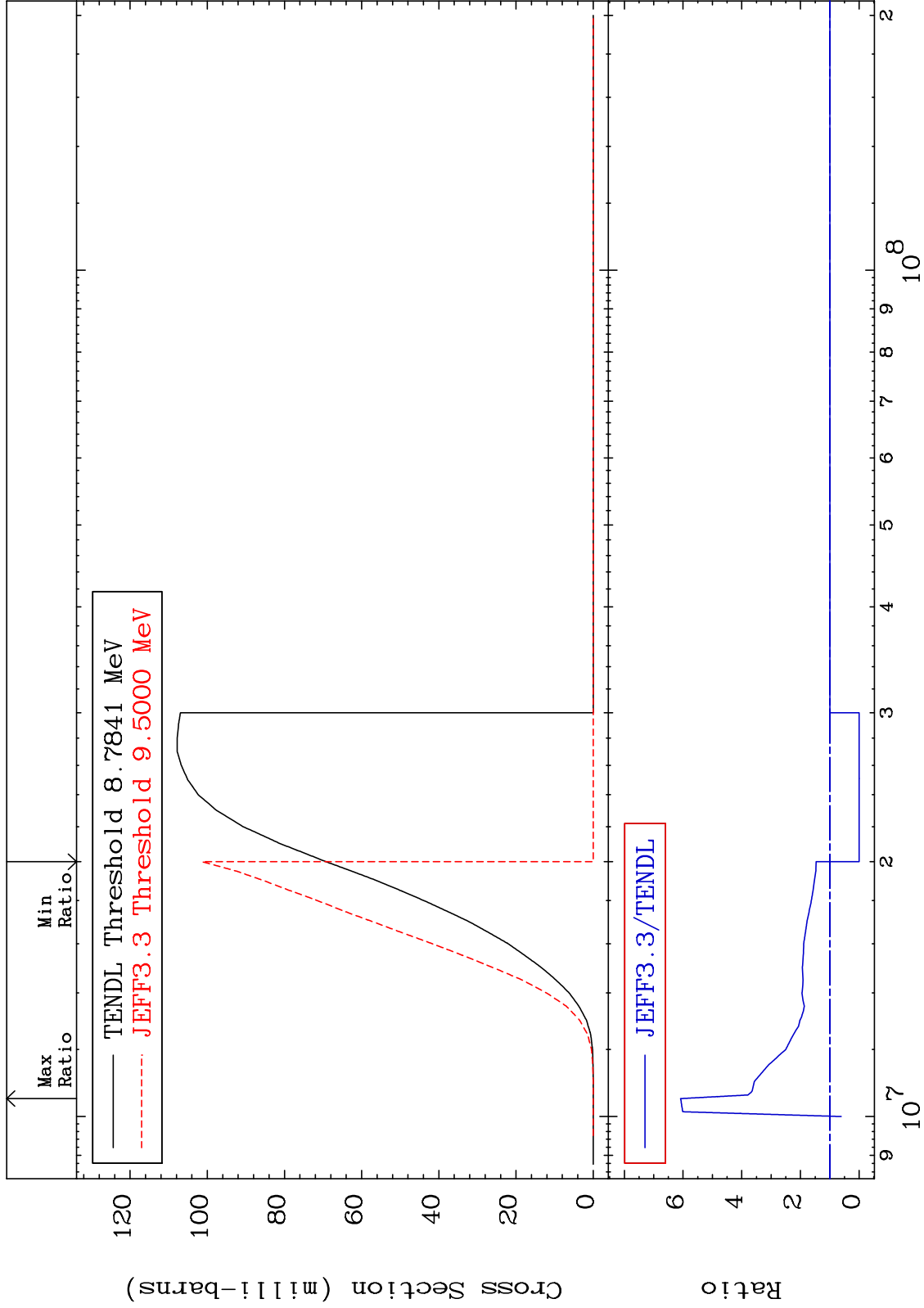
MAT 4028

(n,n') p

40-Zr-91

Cross Section

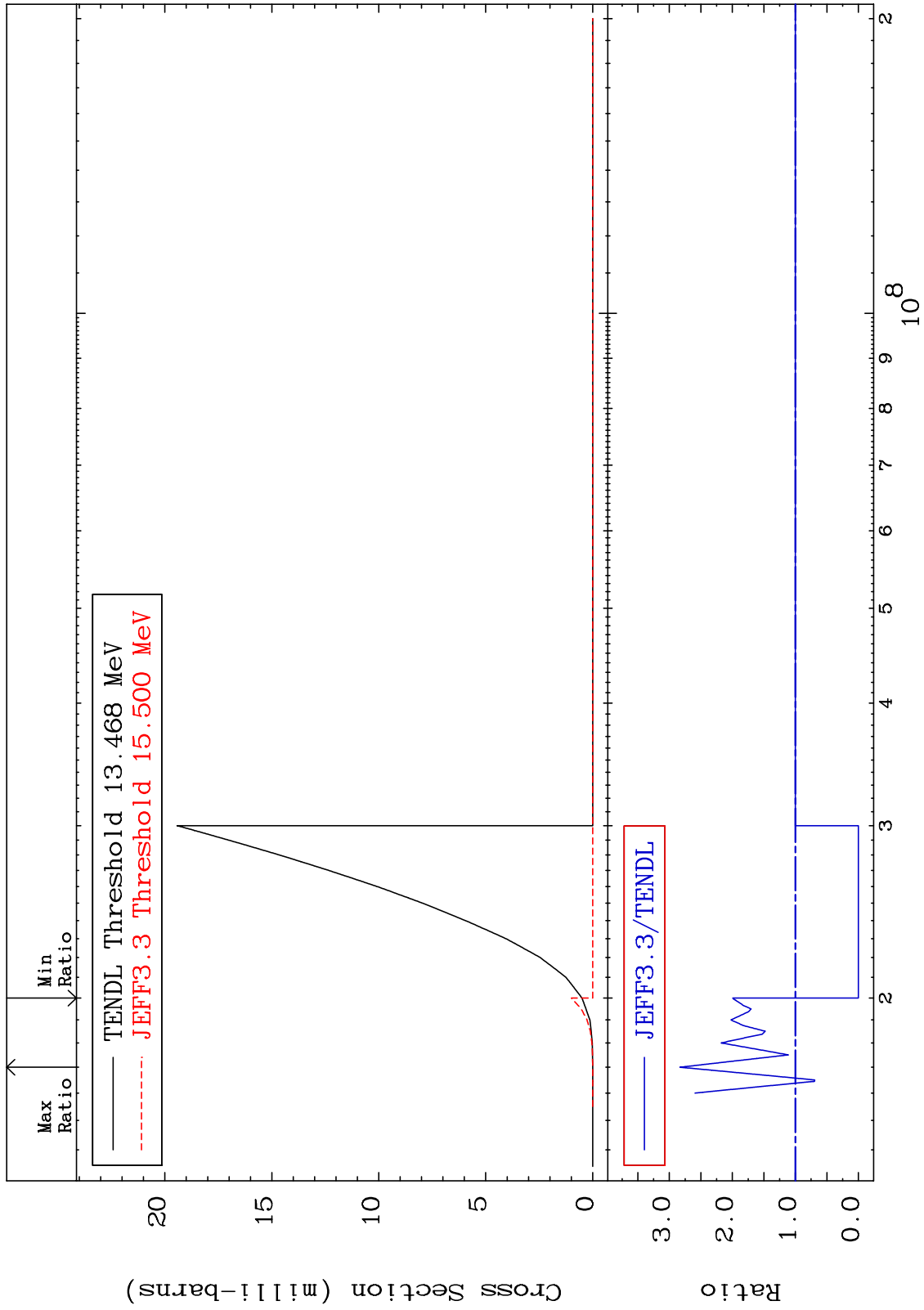
-100.0 To 508.3 %



Incident Energy (eV)

40-Zr-91

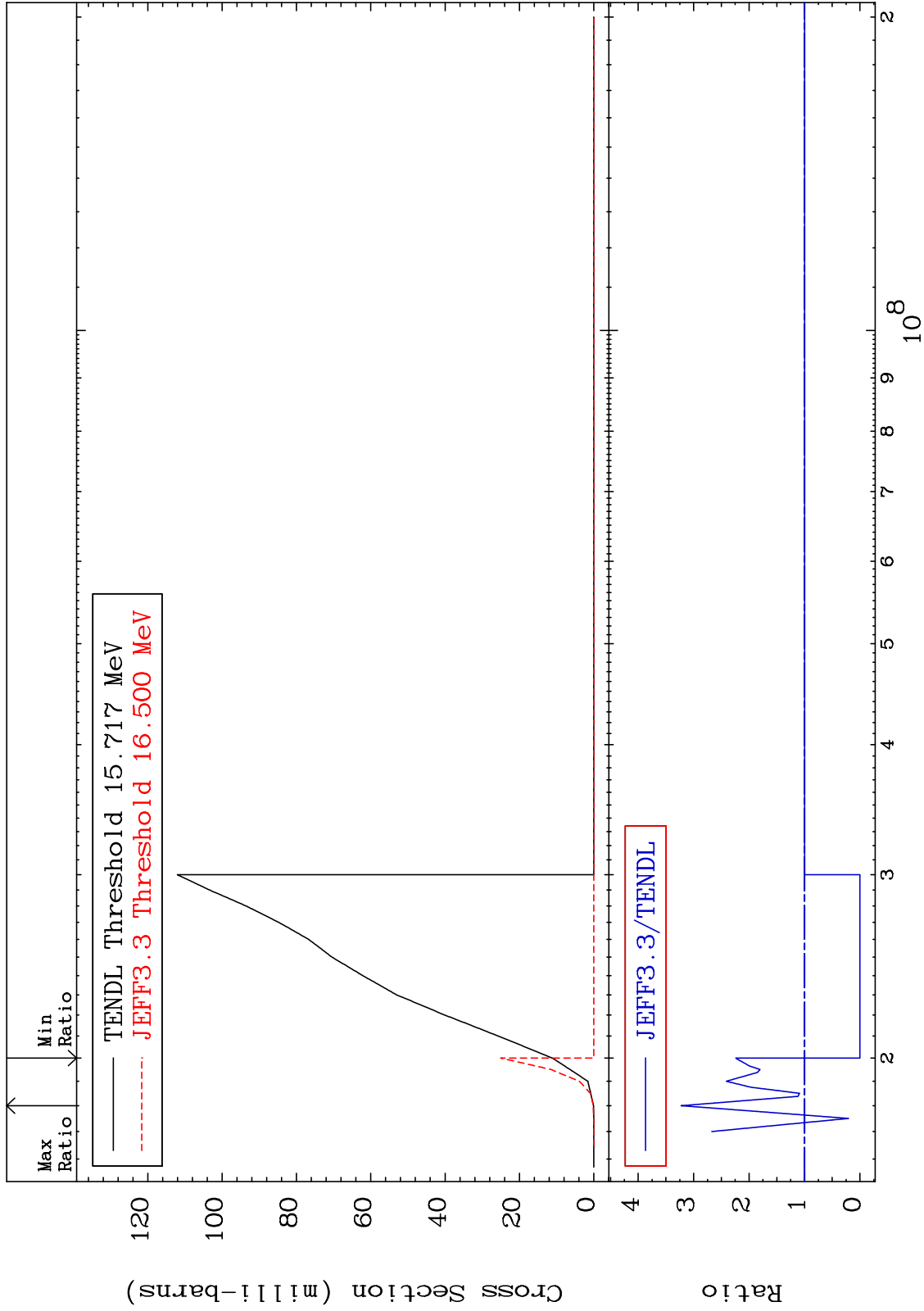
MAT 4028 (n, n') d 40-Zr-91  
 Cross Section -100.0 To 183.0 %



MAT 4028

(n,2n) p  
Cross Section

40-Zr-91  
-100.0 To 222.4 %



10

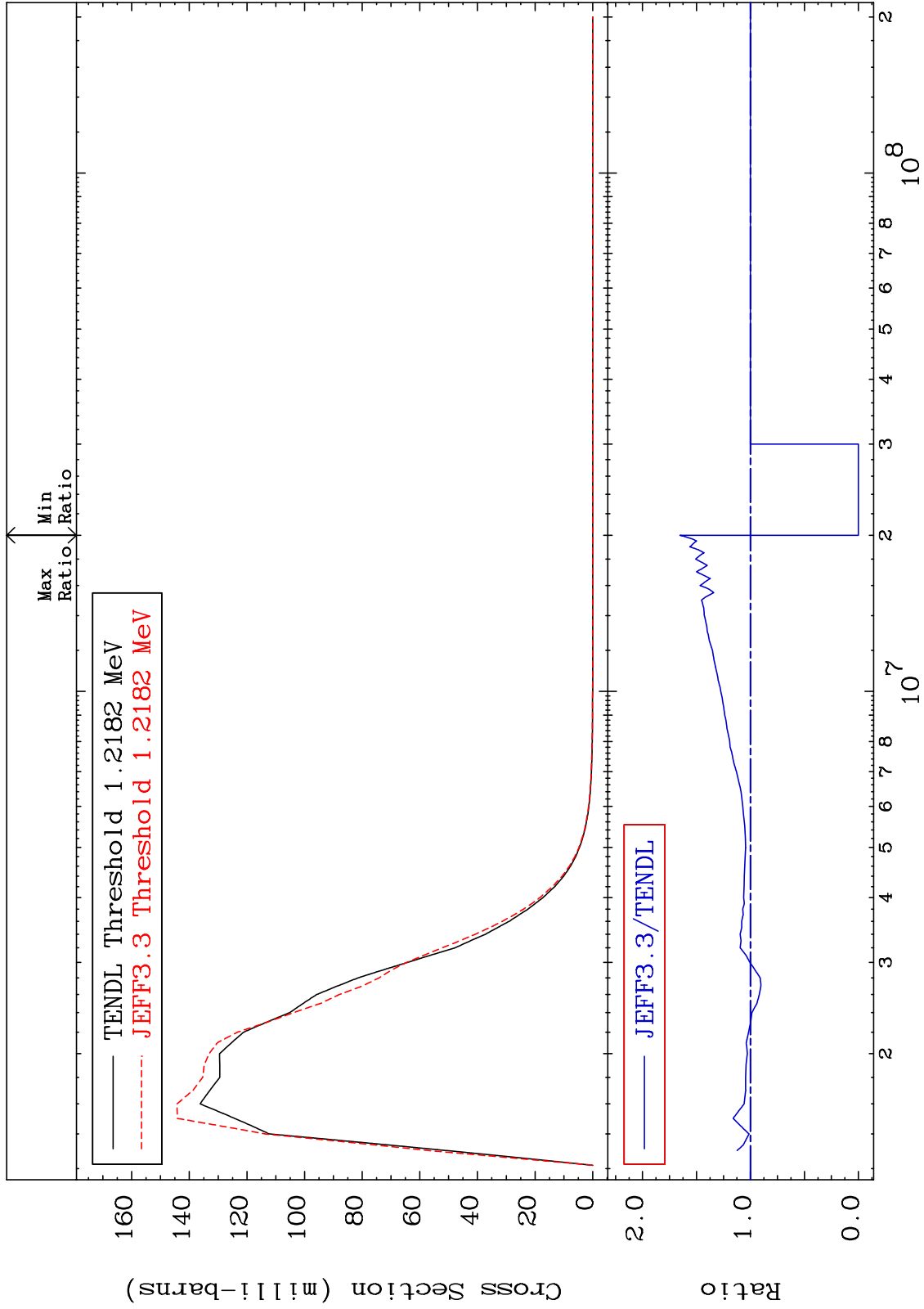
Incident Energy (eV)

40-Zr-91

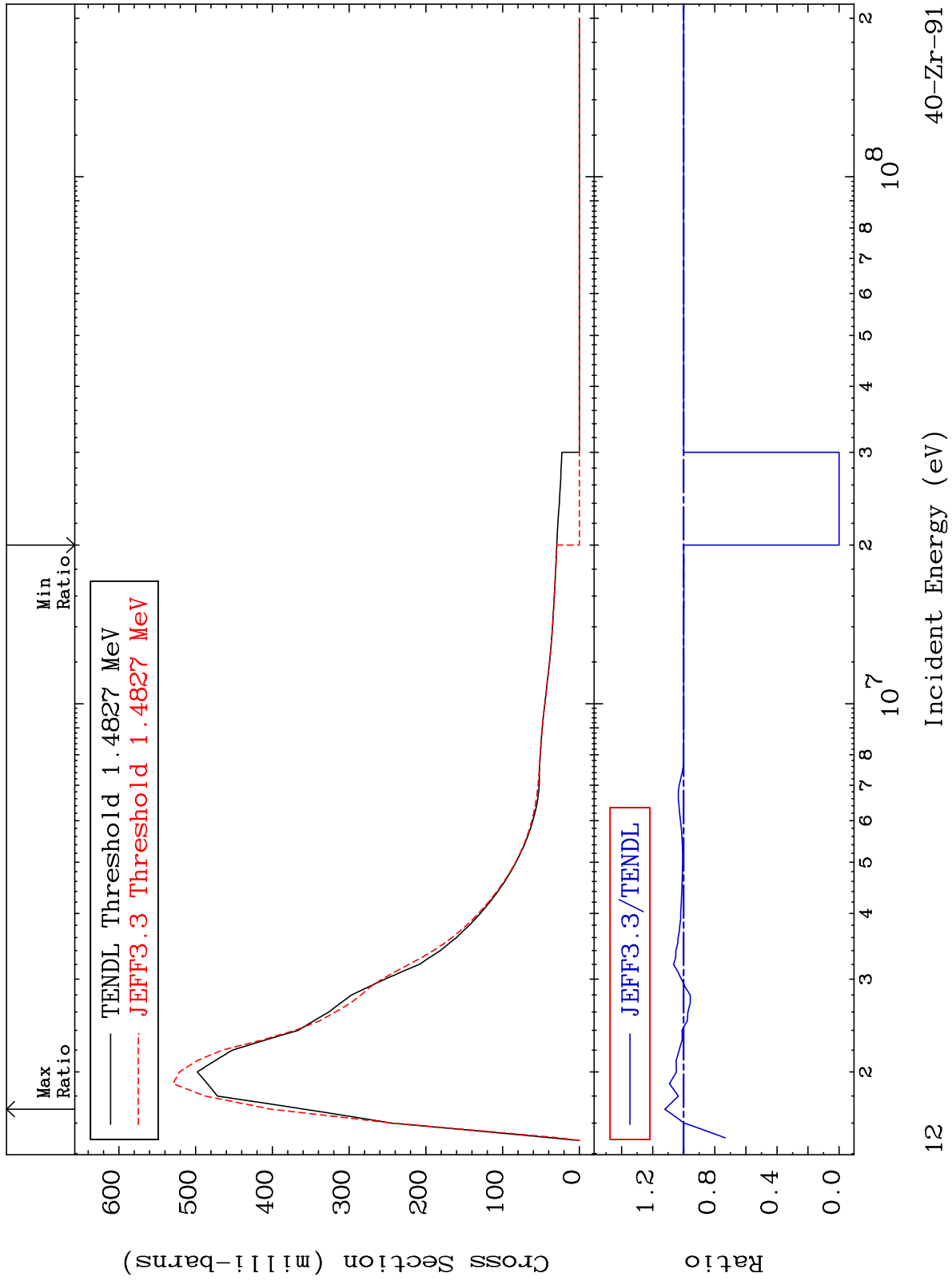
MAT 4028

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

40-Zr-91  
-100.0 To 65.26 %



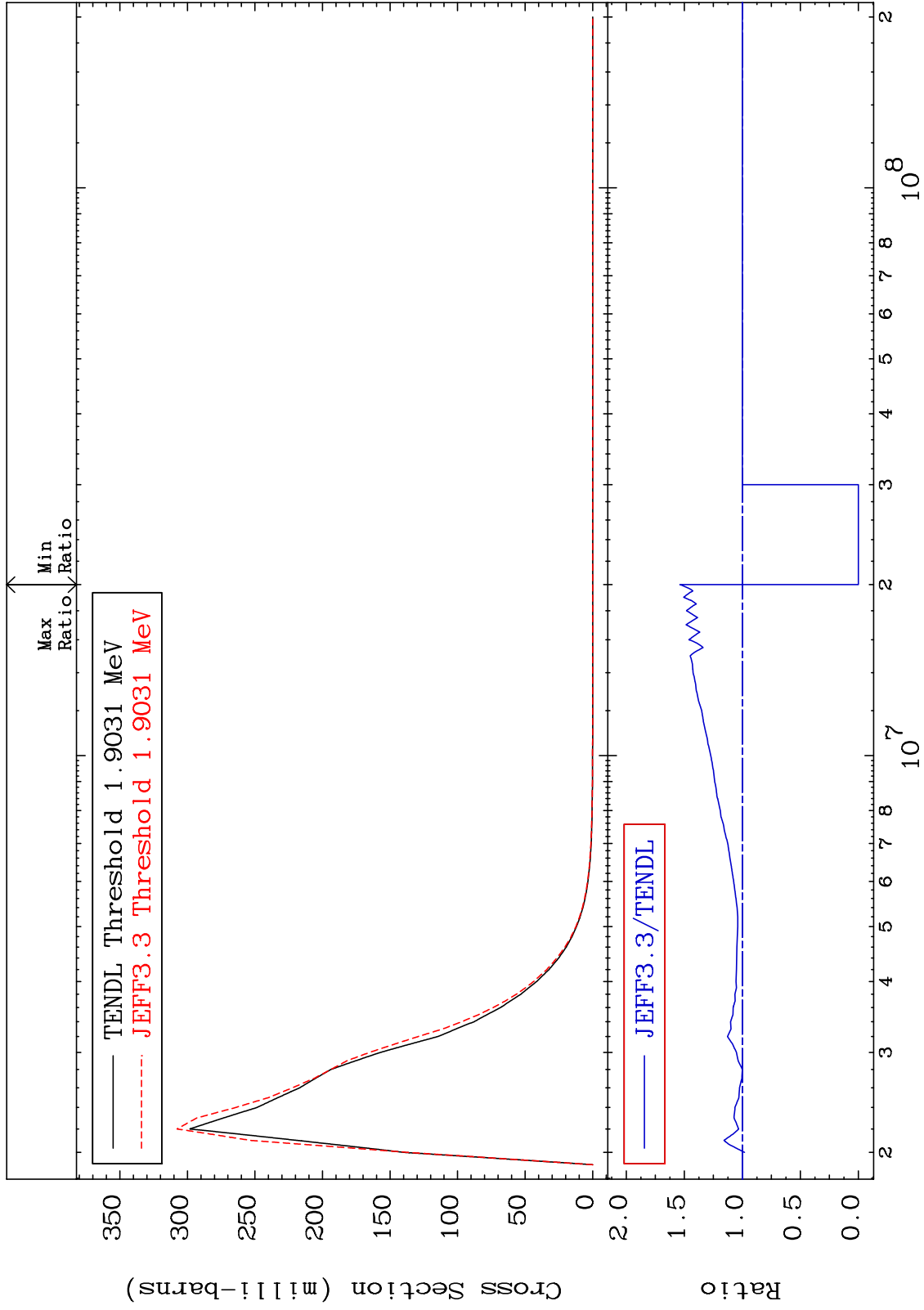
MAT 4028 MT= 52 (n,n') Level Cross Section -100.0 To 12.22 % 40-Zr-91



MAT 4028

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

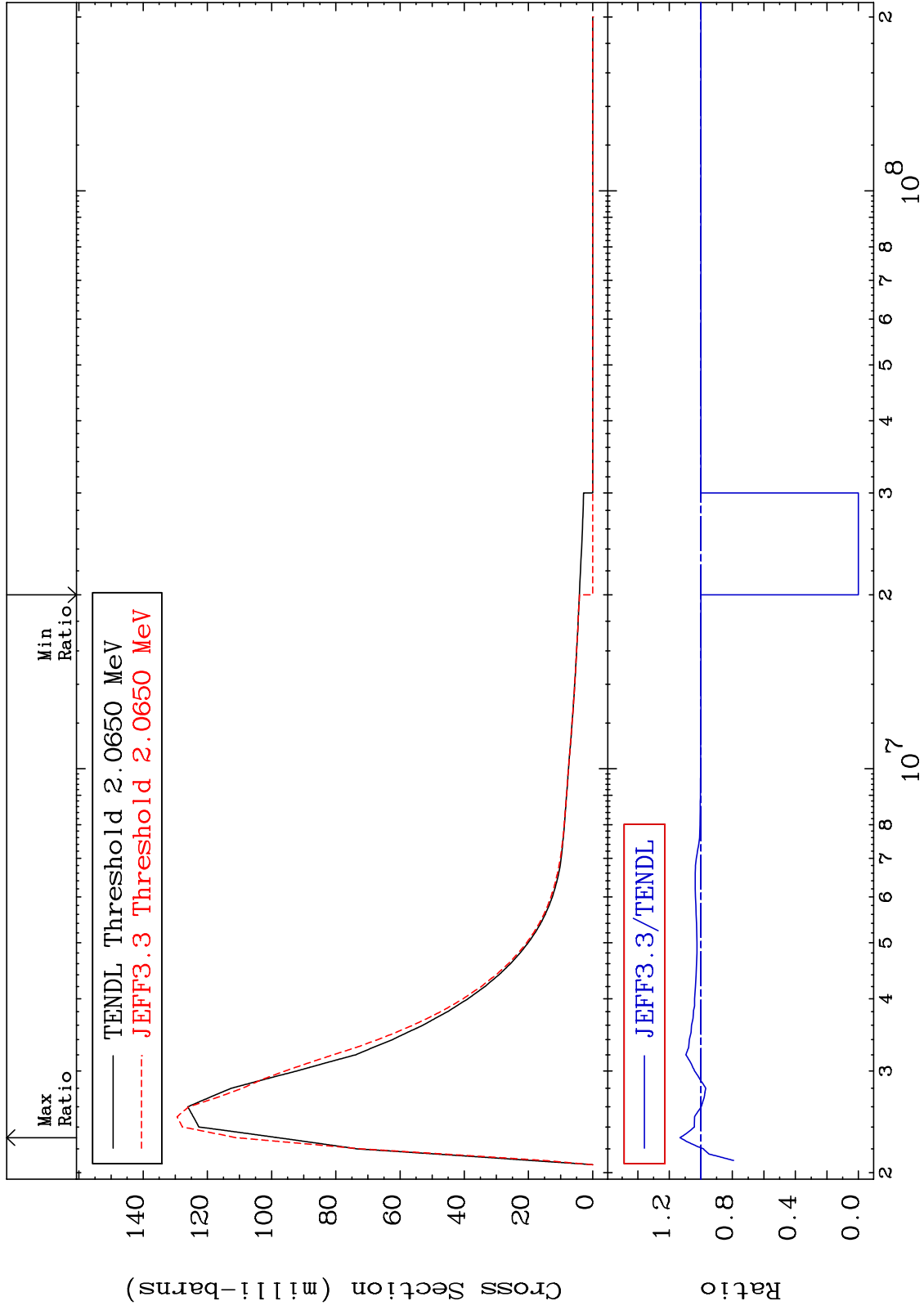
40-Zr-91  
-100.0 To 53.71 %



MAT 4028

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

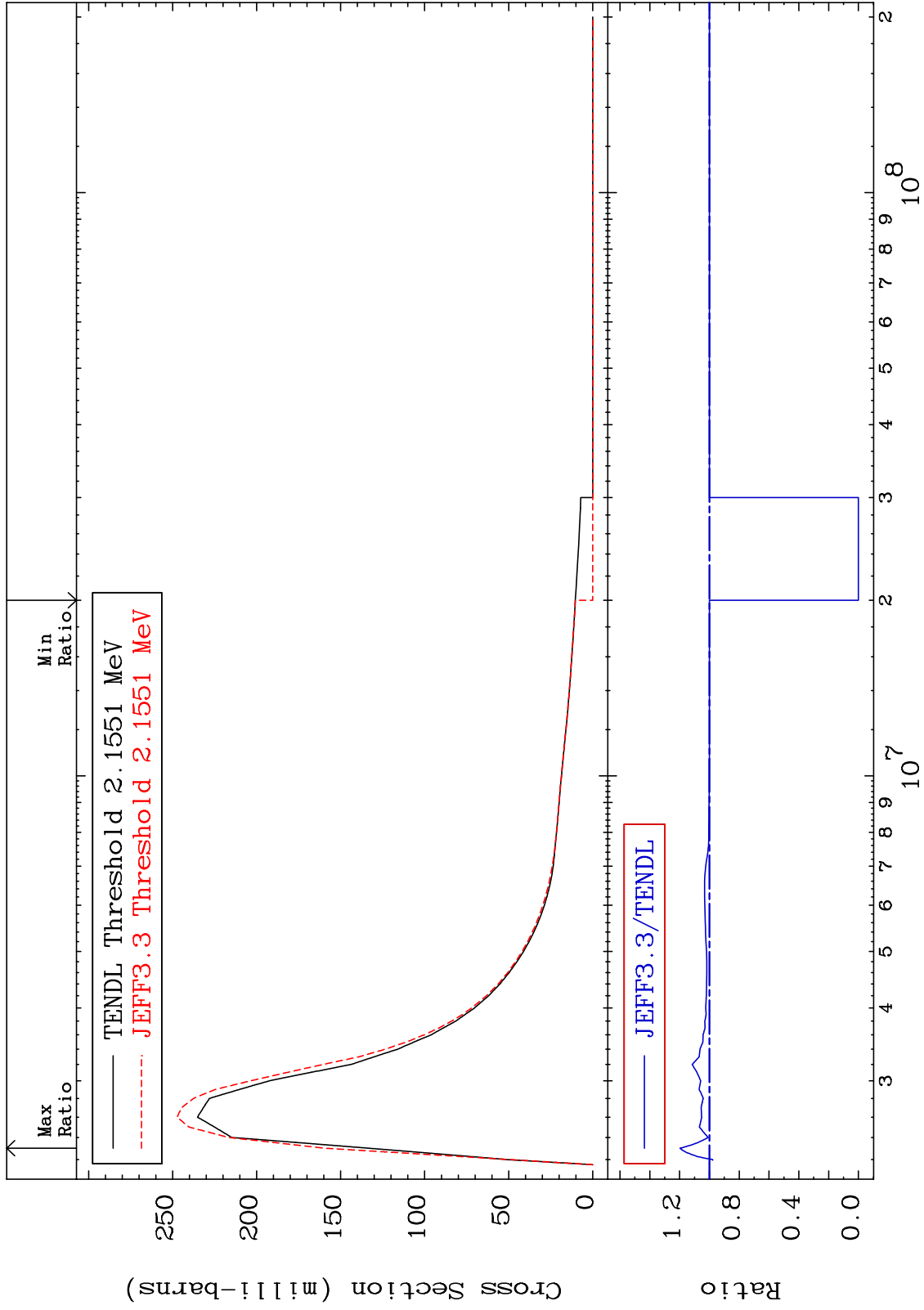
40-Zr-91  
-100.0 To 13.24 %



MAT 4028

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

40-Zr-91  
-100.0 To 19.70 %

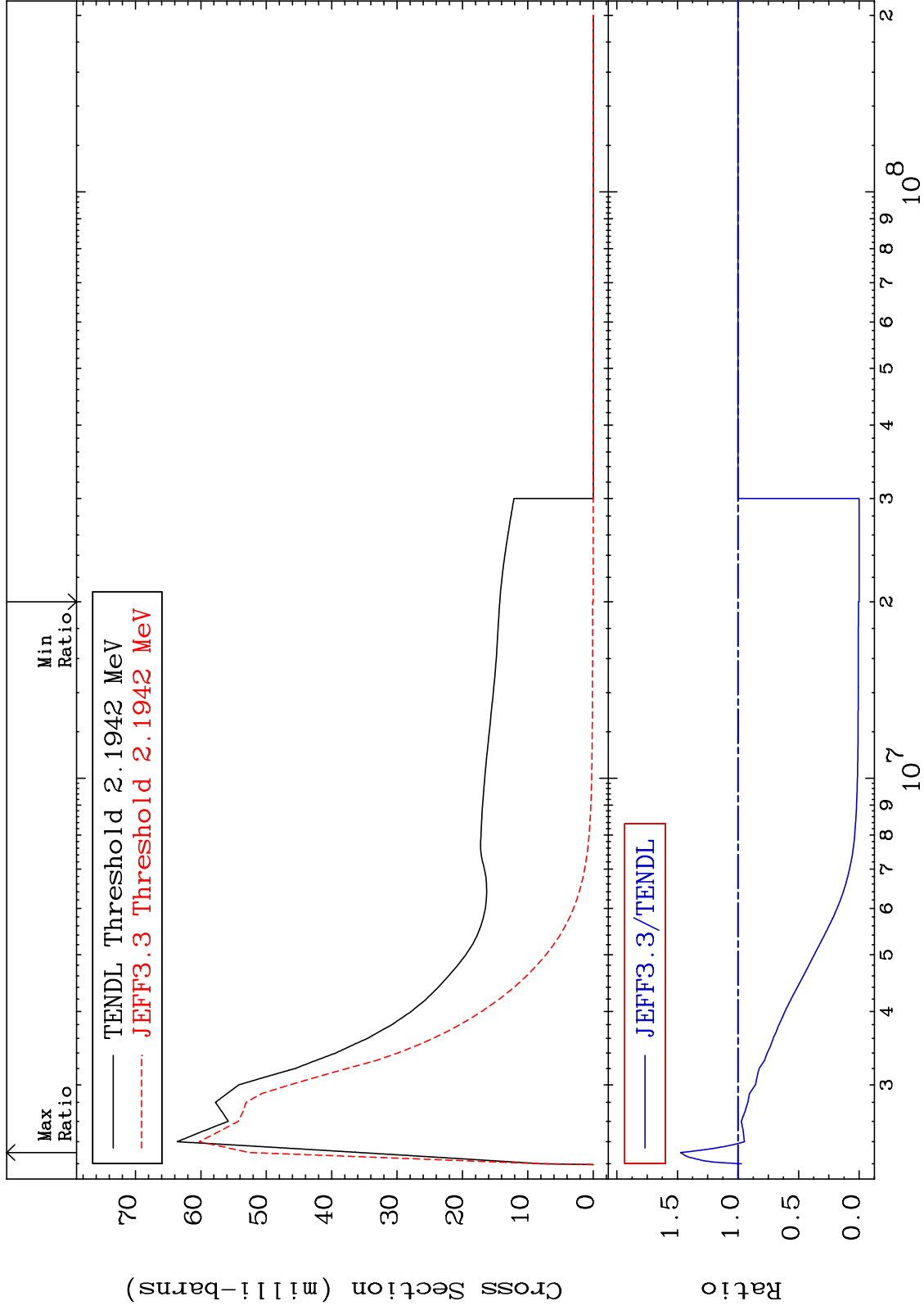




MAT 4028

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

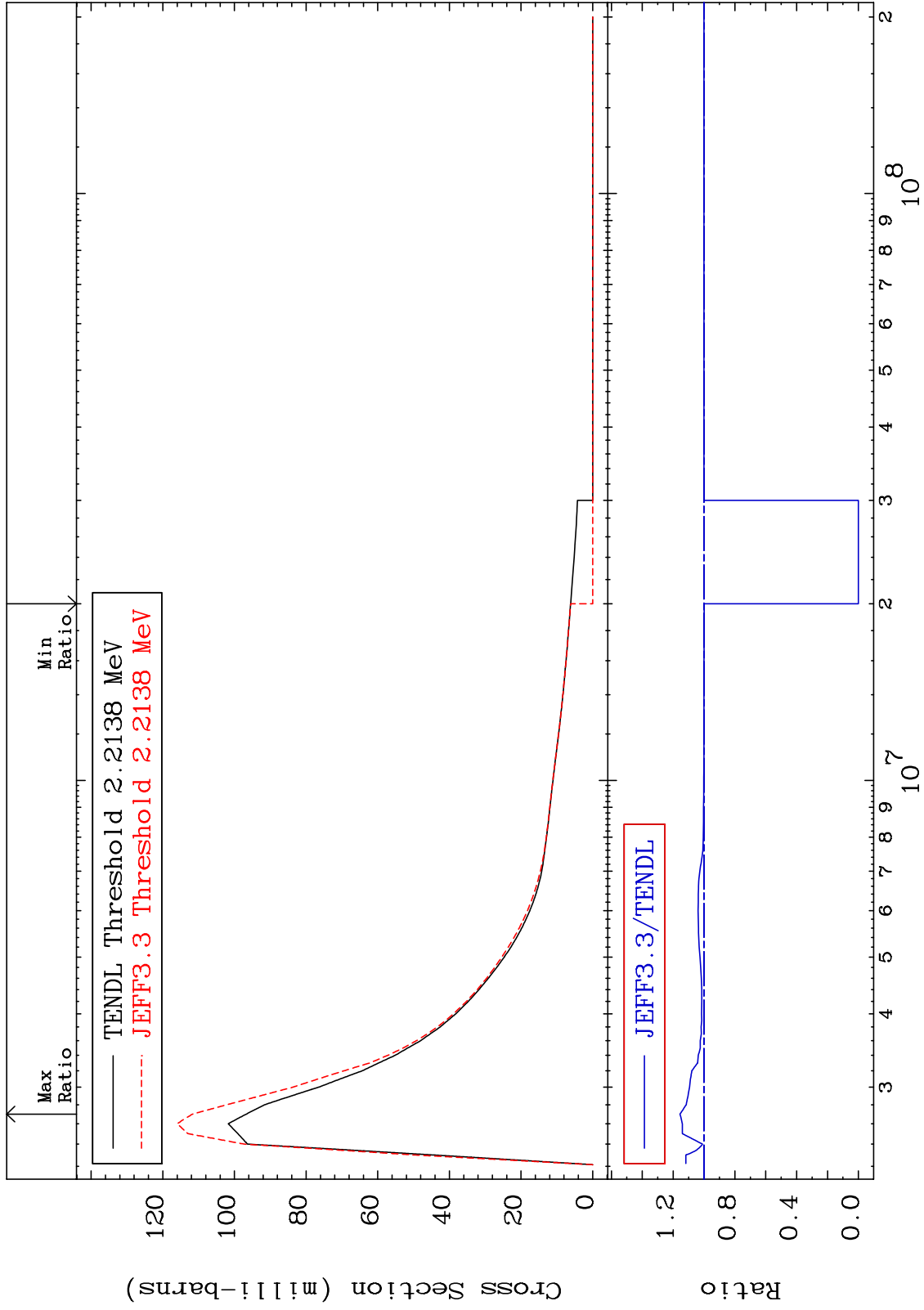
40-Zr-91  
-100.0 To 47.36 %



MAT 4028

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

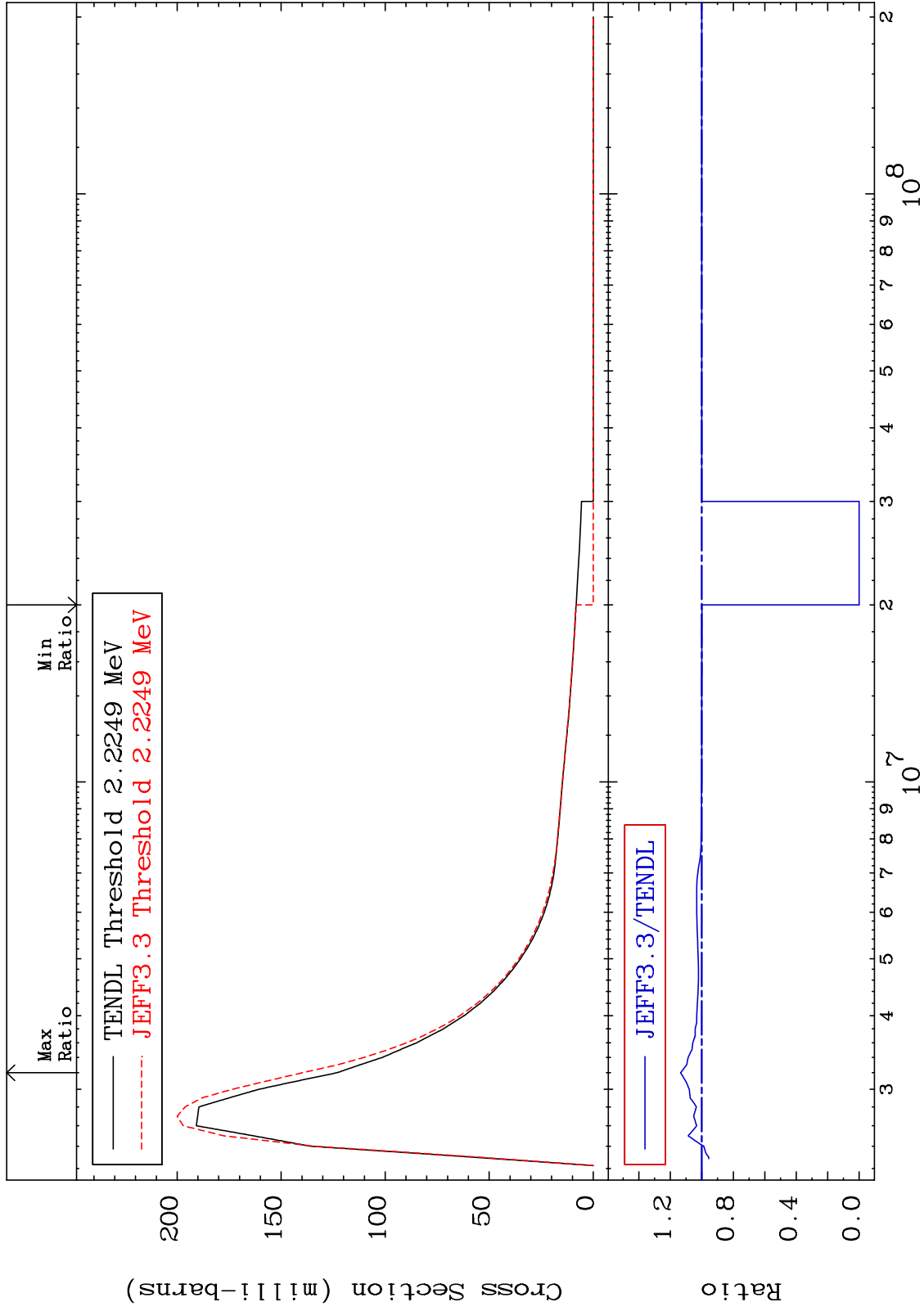
40-Zr-91  
-100.0 To 15.54 %



MAT 4028

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

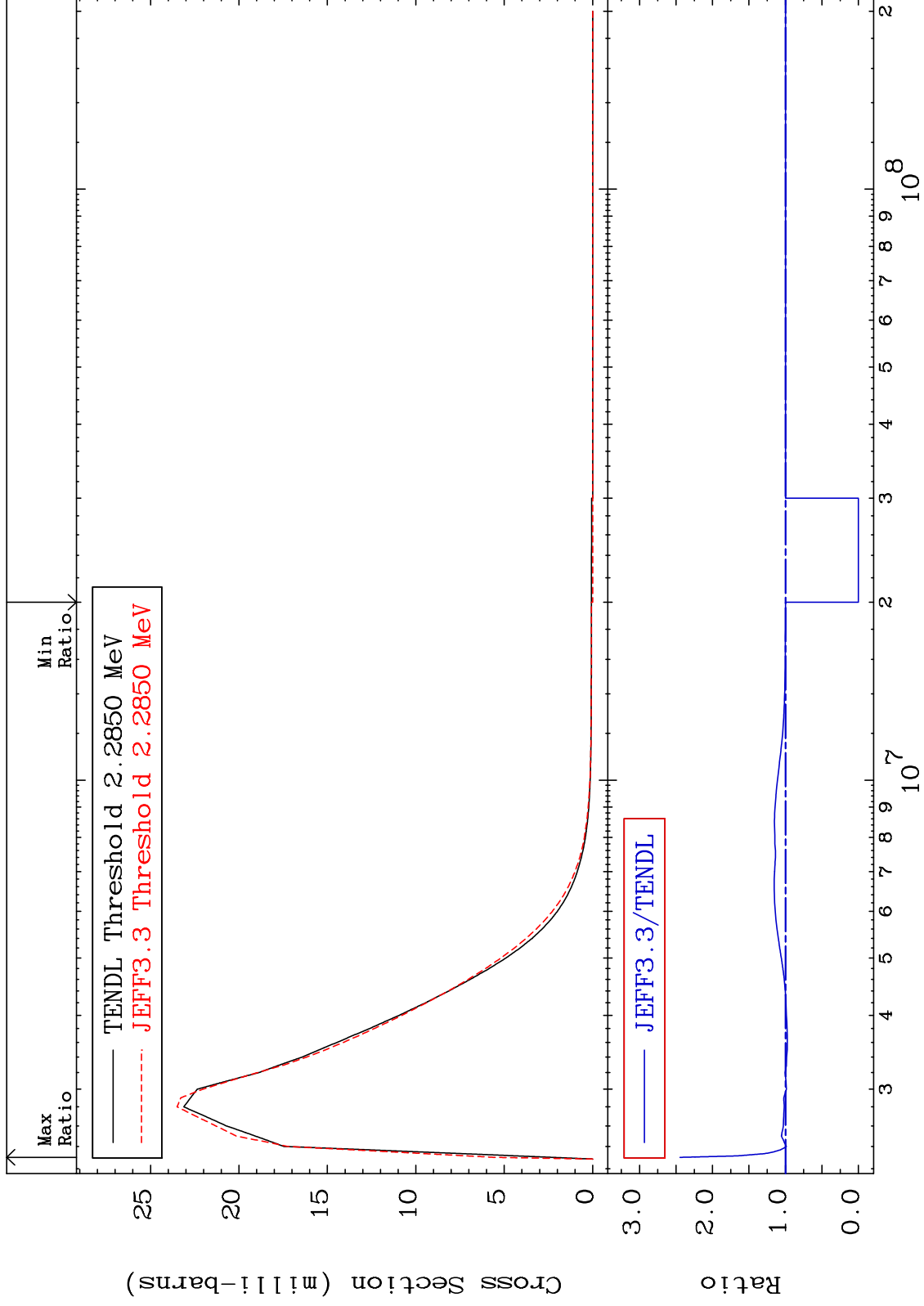
40-Zr-91  
-100.0 To 13.46 %



MAT 4028

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

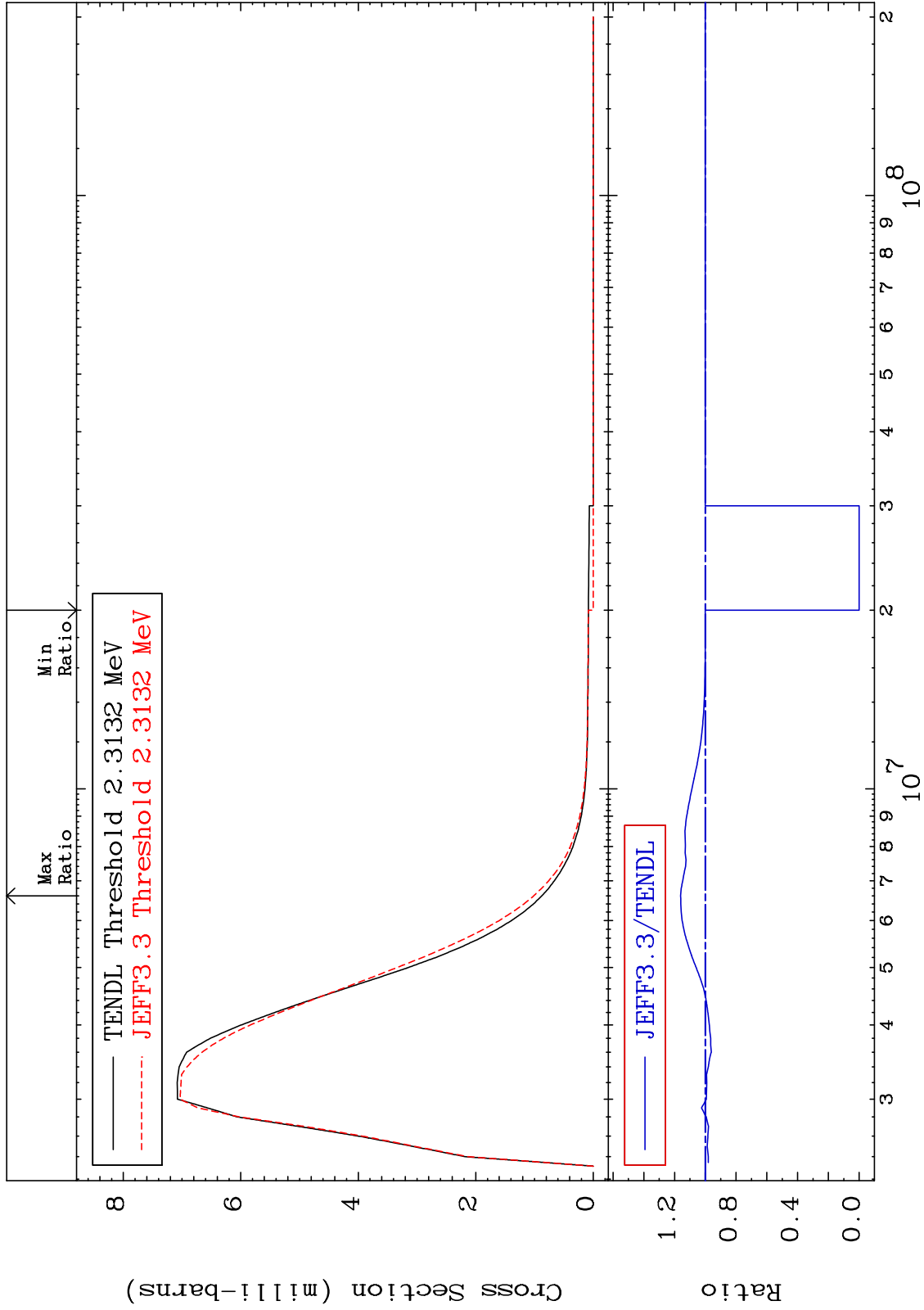
40-Zr-91  
-100.0 To 144.5 %



MAT 4028

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

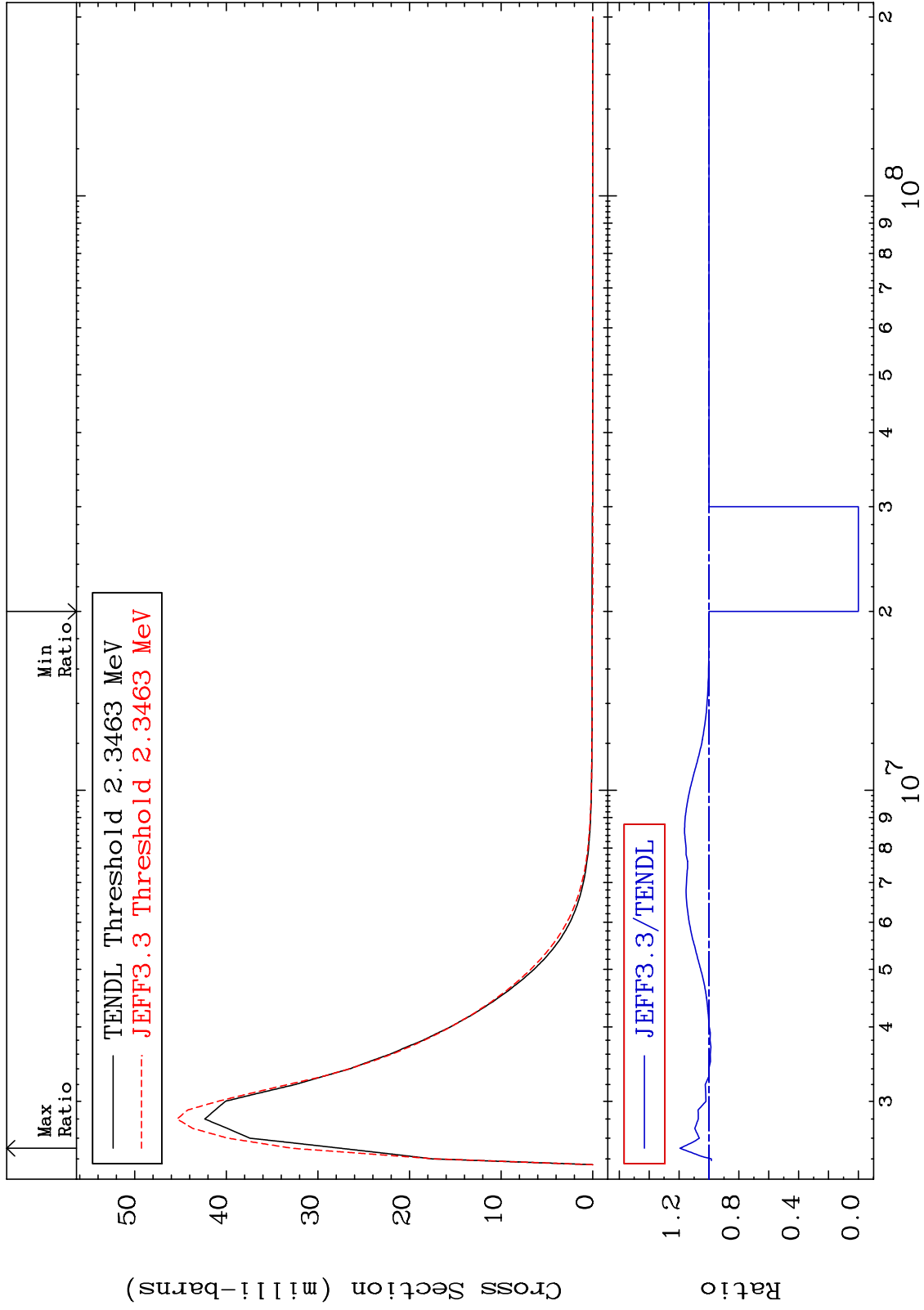
40-Zr-91  
-100.0 To 16.06 %



MAT 4028

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

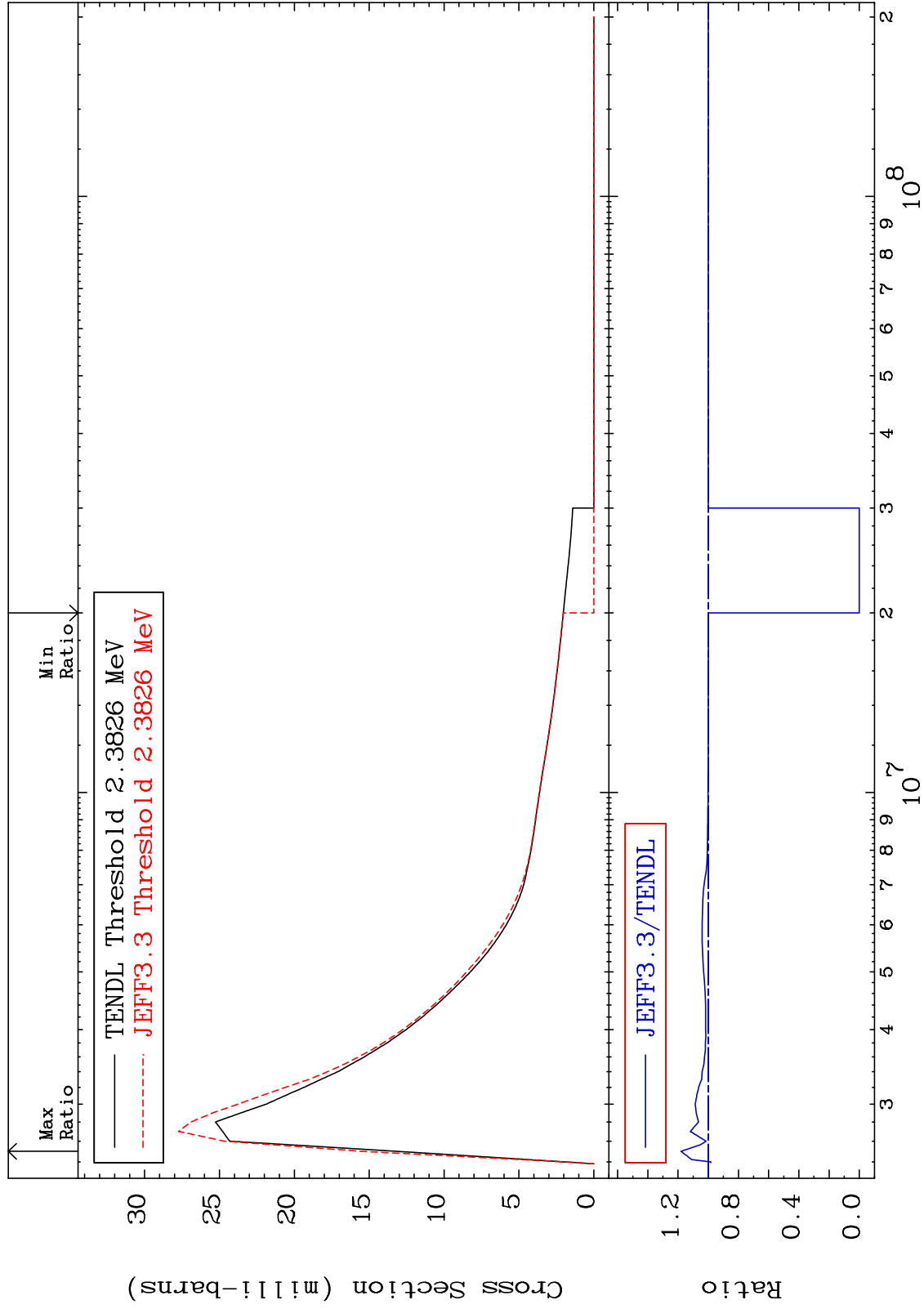
40-Zr-91  
-100.0 To 19.37 %



MAT 4028

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

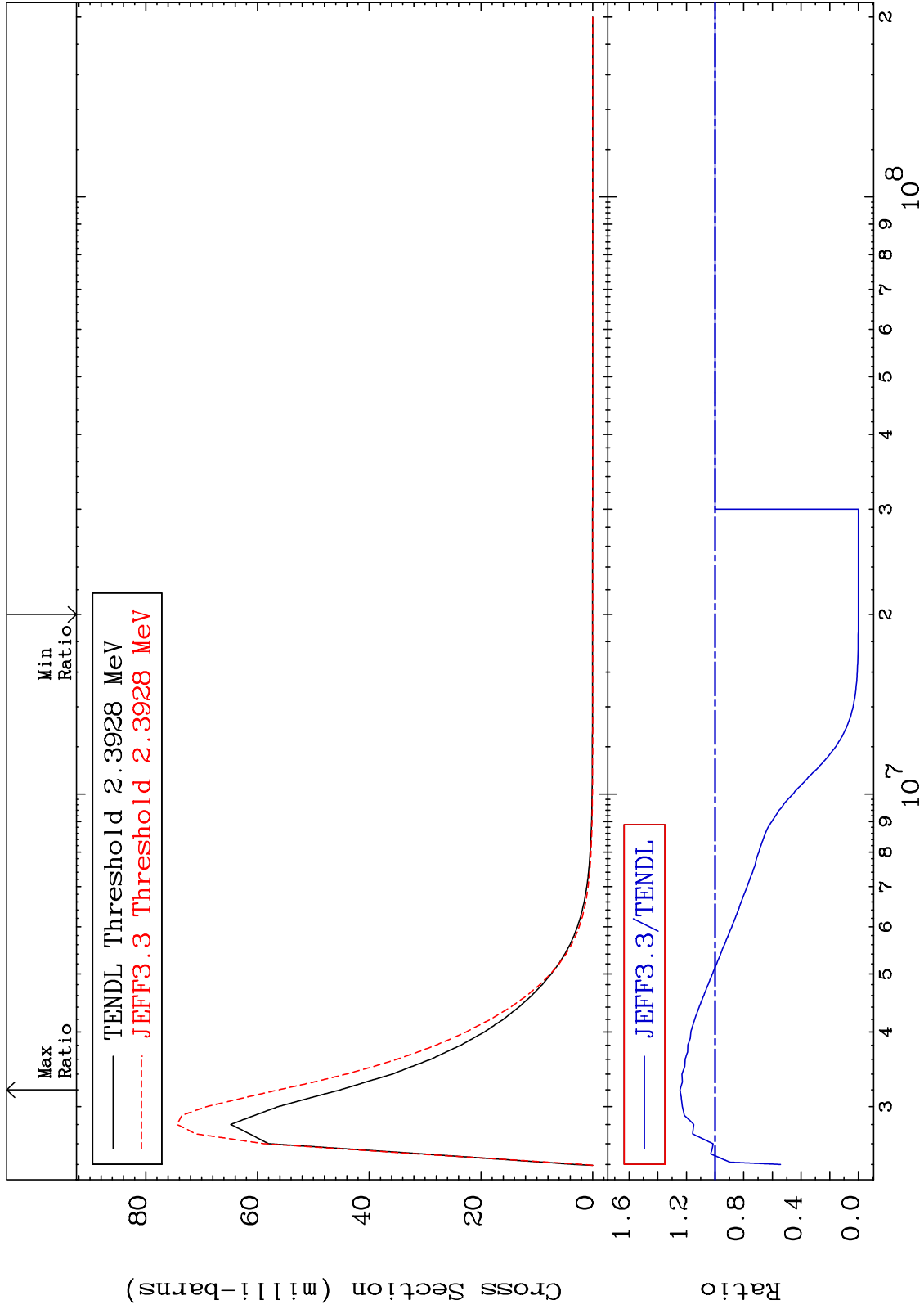
40-Zr-91  
-100.0 To 18.01 %



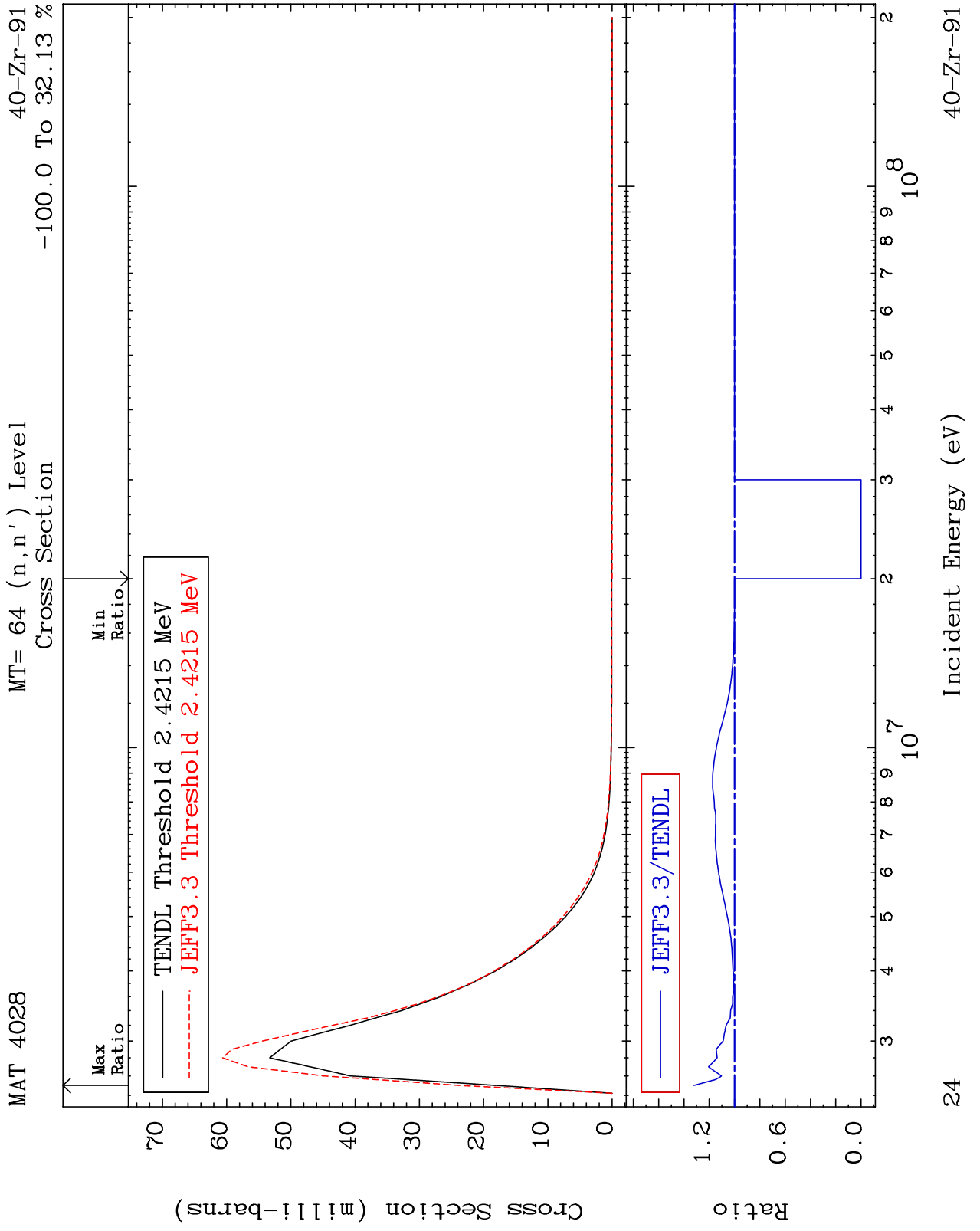
MAT 4028

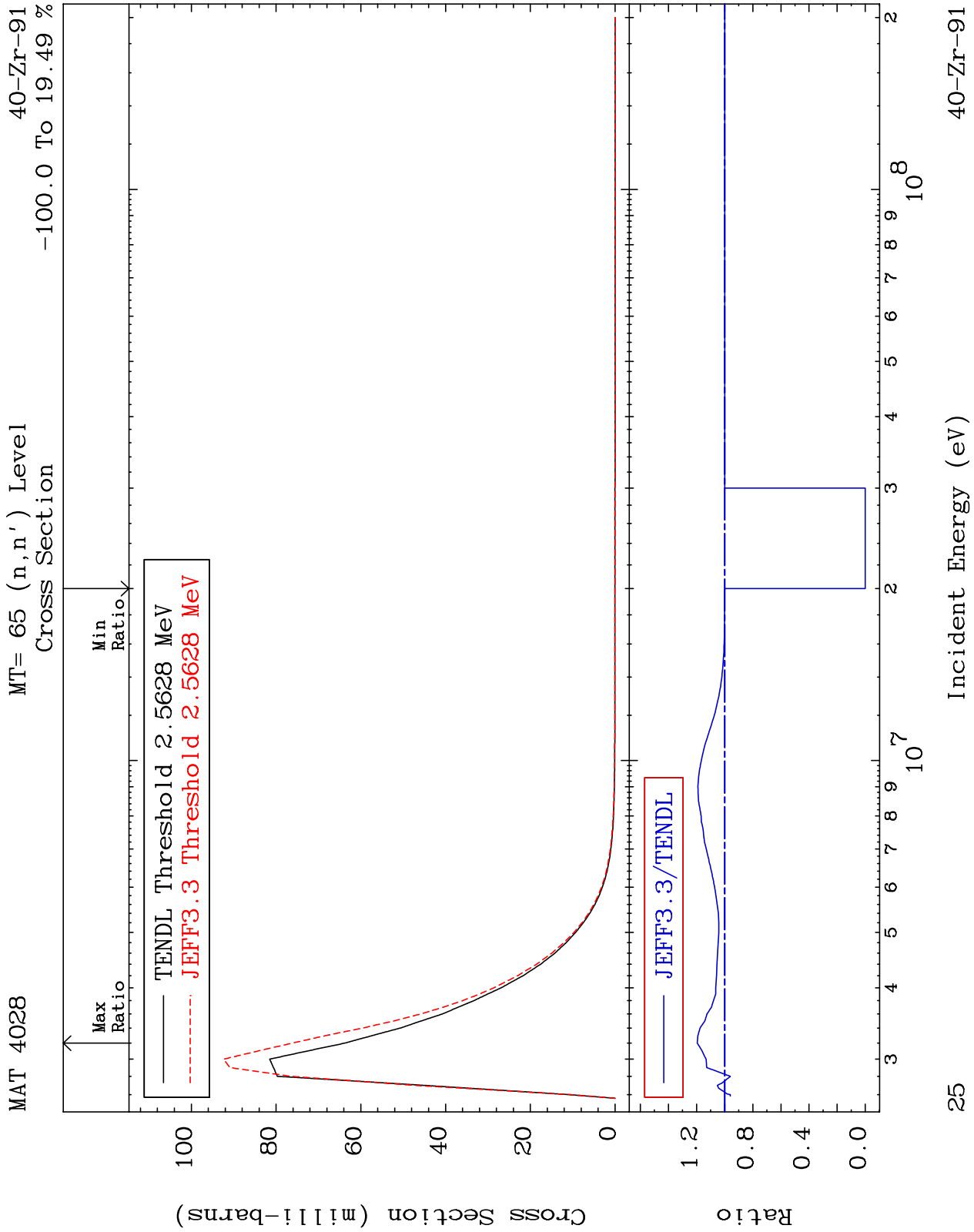
MT= 63 (n,n') Level  
Cross Section

40-Zr-91  
-100.0 To 24.44 %

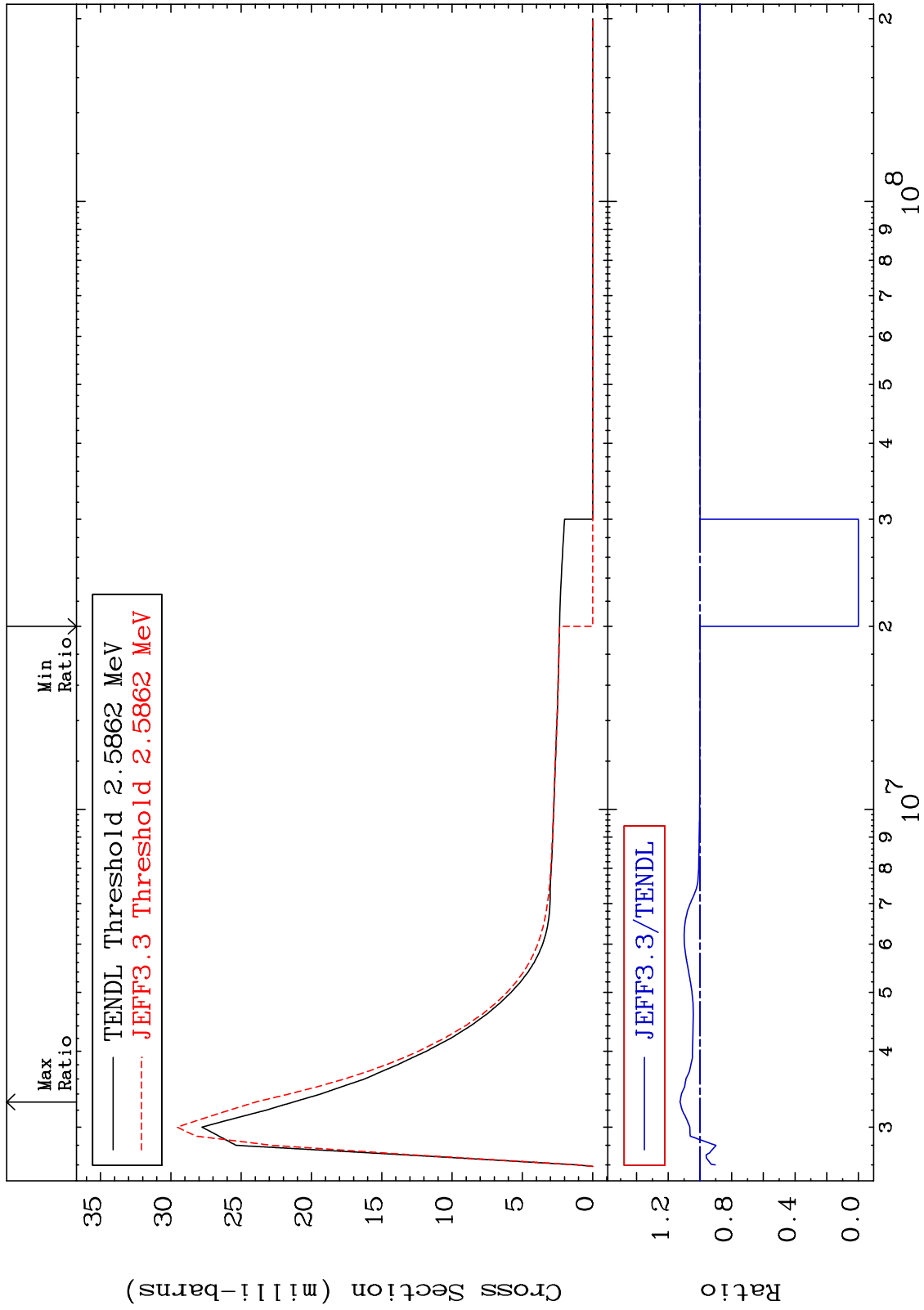








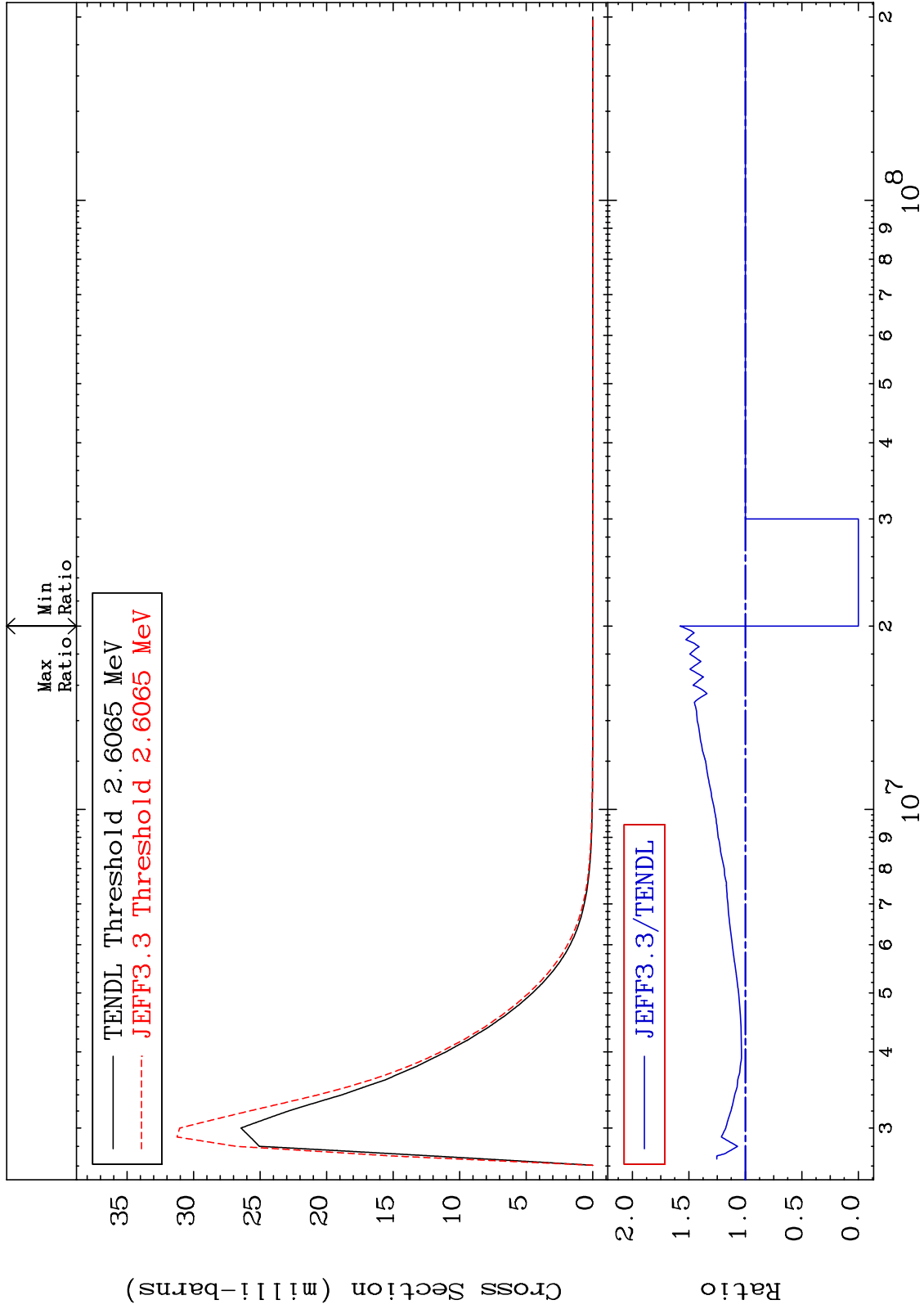
MAT 4028 MT= 66 (n,n') Level Cross Section 40-Zr-91  
 -100.0 To 12.57 %

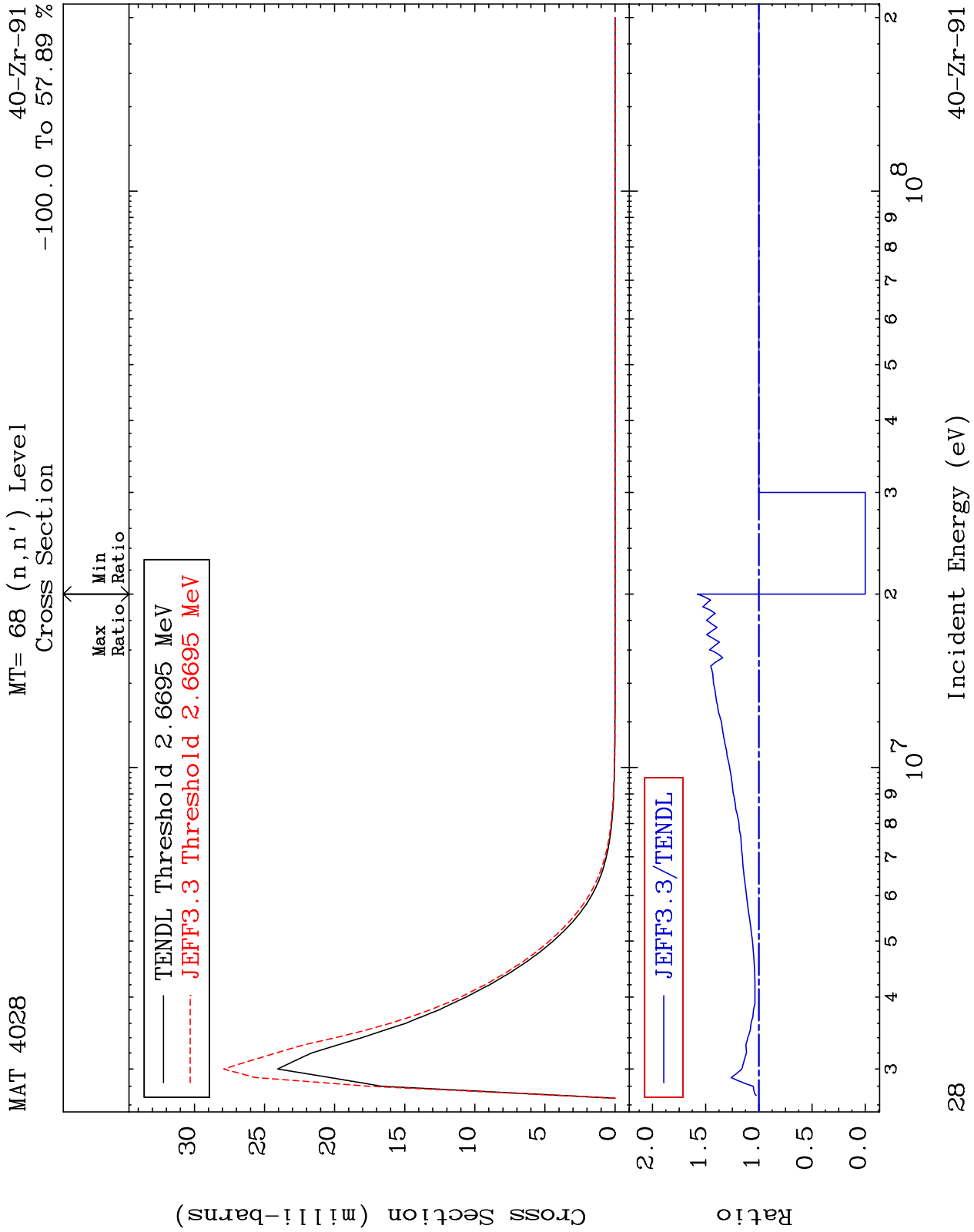


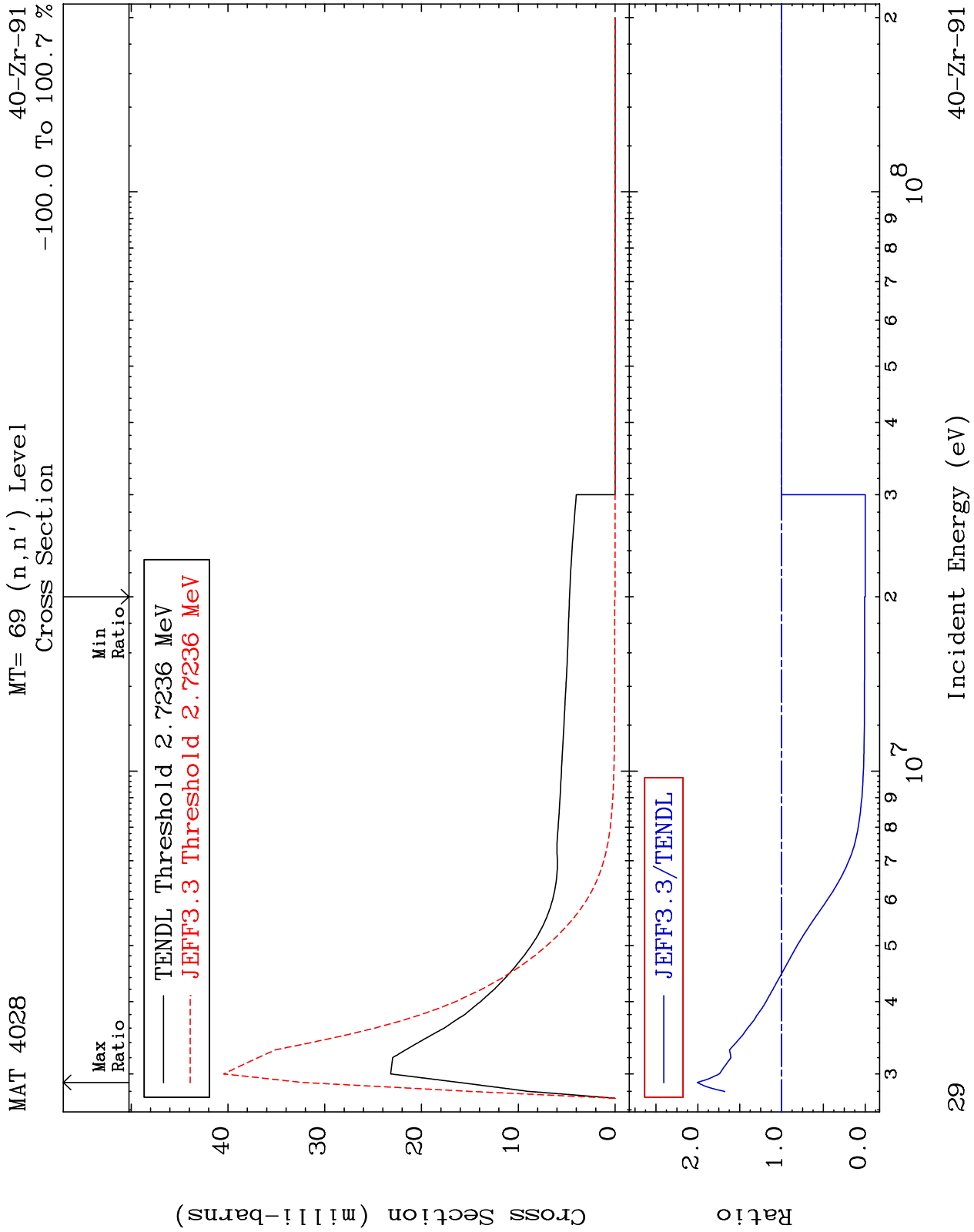
MAT 4028

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

40-Zr-91  
-100.0 To 57.87 %



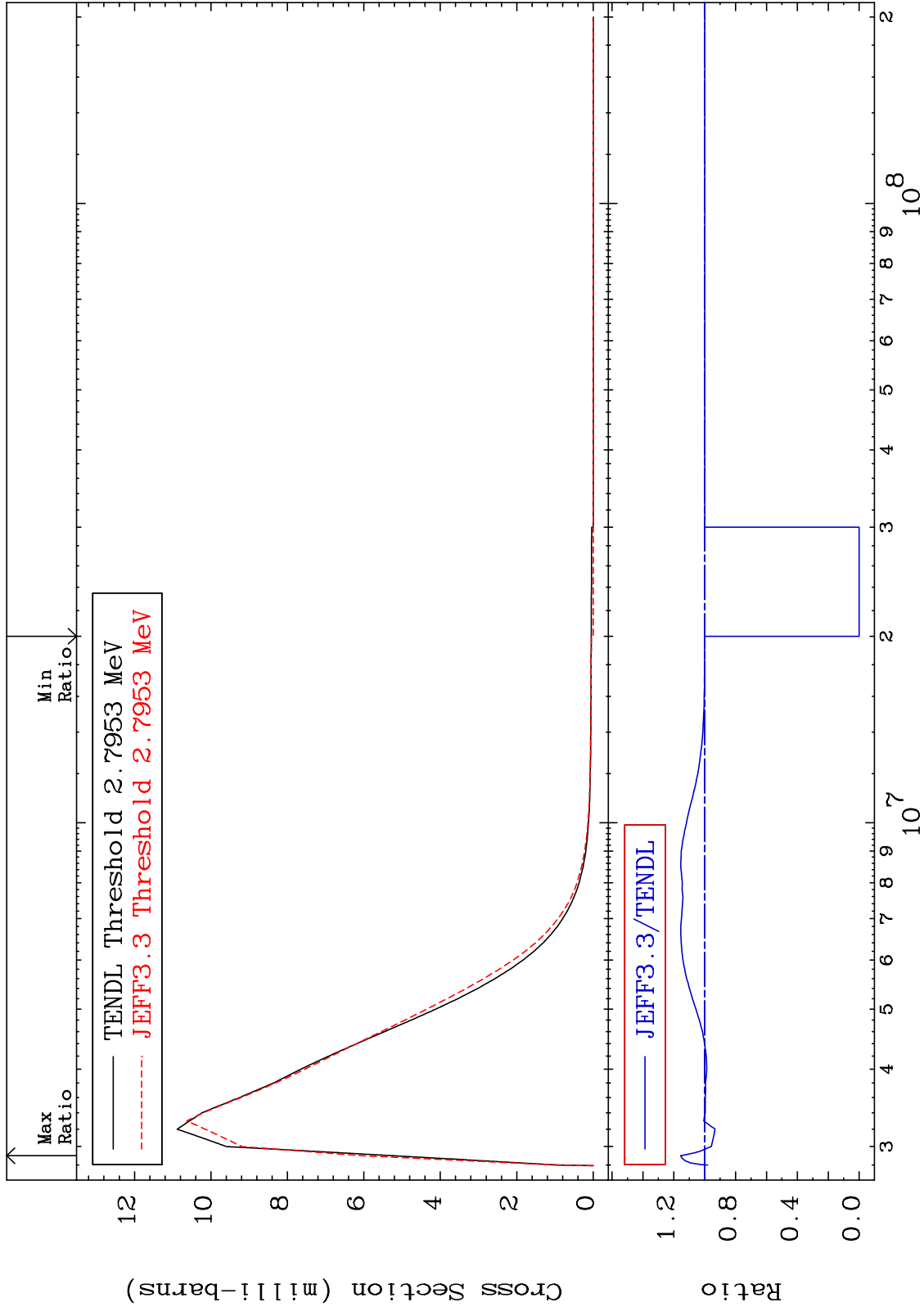




MAT 4028

MT= 70 (n,n') Level  
Cross Section

40-Zr-91  
-100.0 To 15.59 %



30

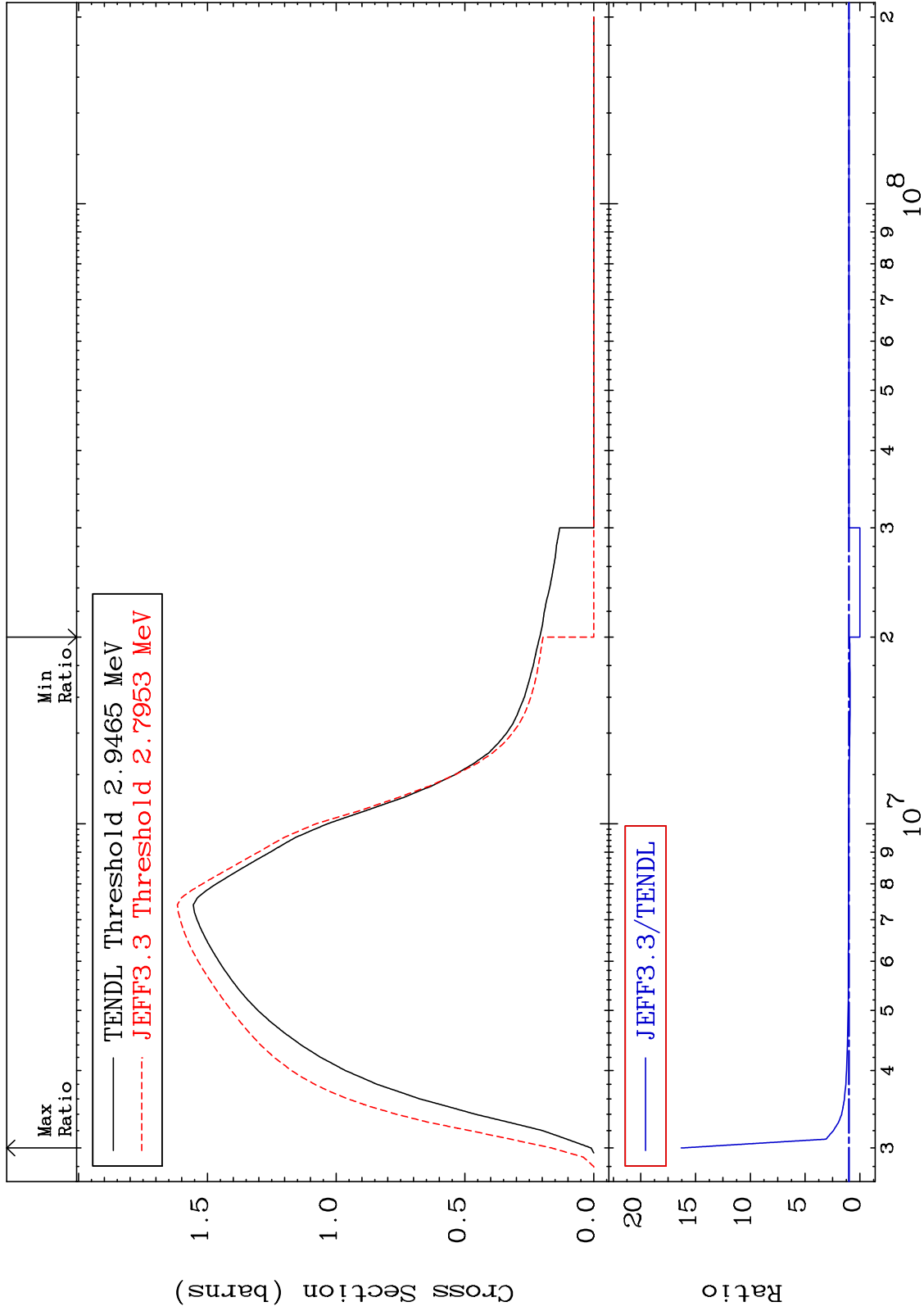
Incident Energy (eV)

40-Zr-91

MAT 4028

(n, n') Continuum  
Cross Section

40-Zr-91  
-100.0 To 1531. %





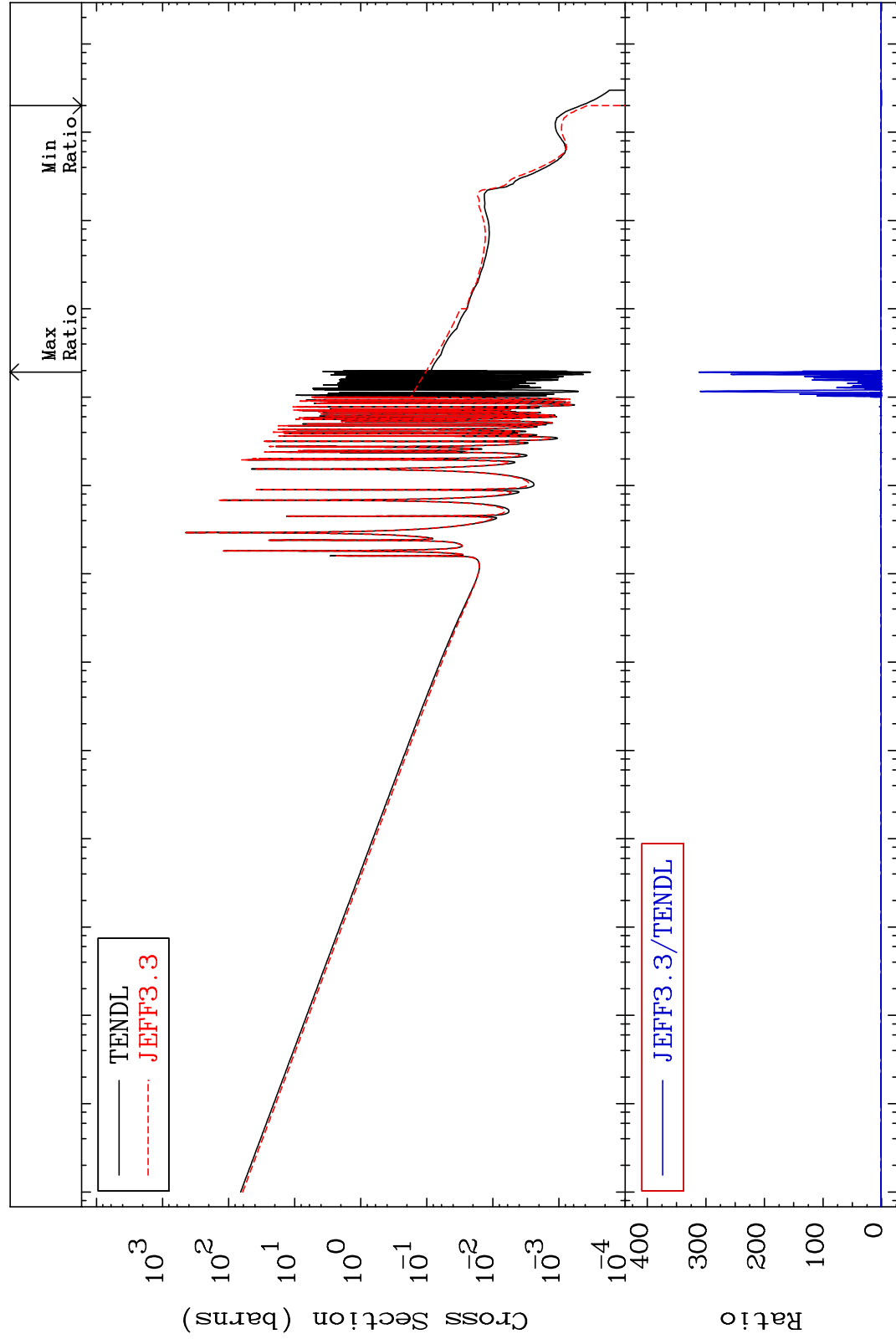
MAT 4028

(n,  $\gamma$ )

40-Zr-91

Cross Section

-100.0 To 9999. %



32

Incident Energy (eV)

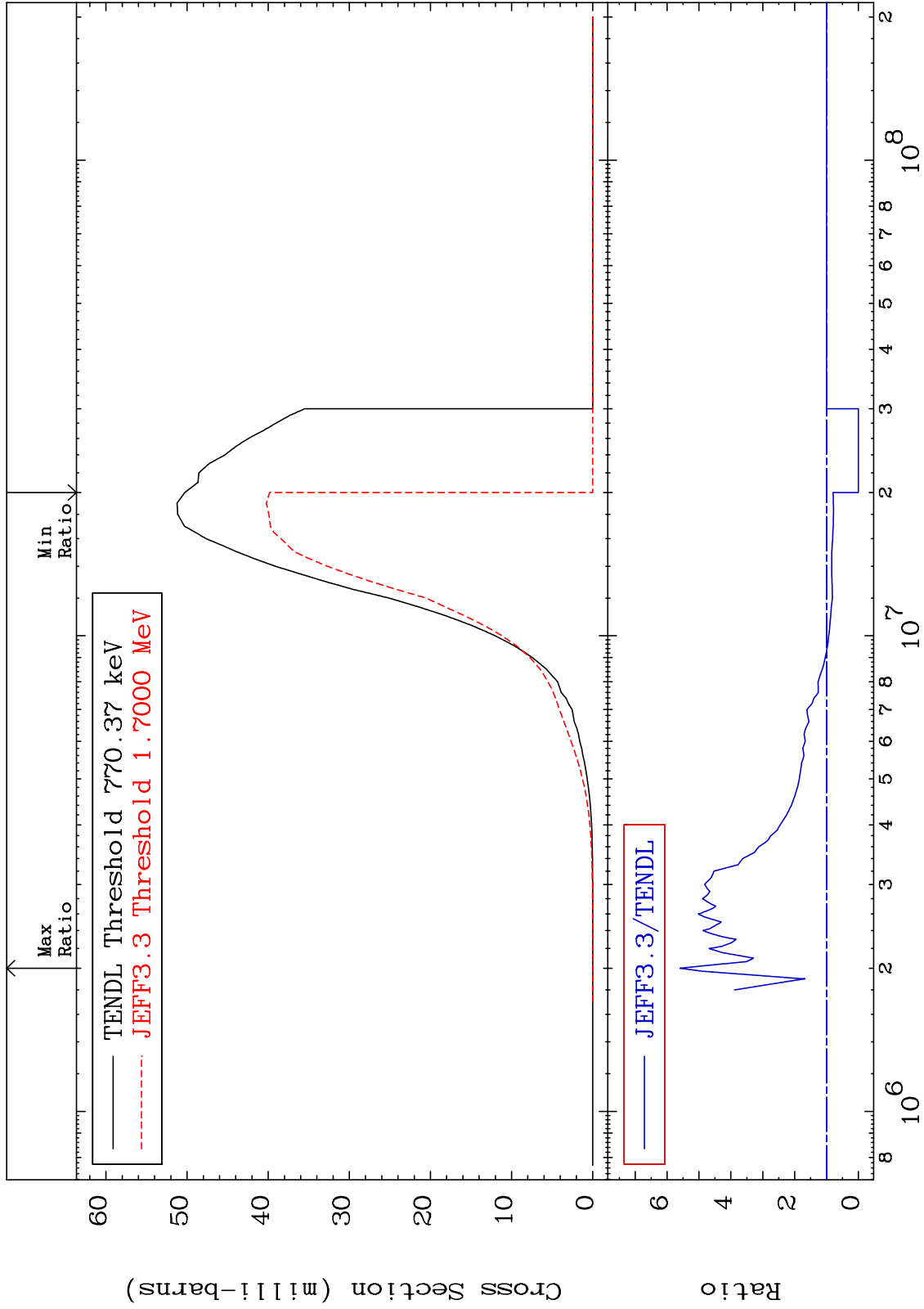
40-Zr-91

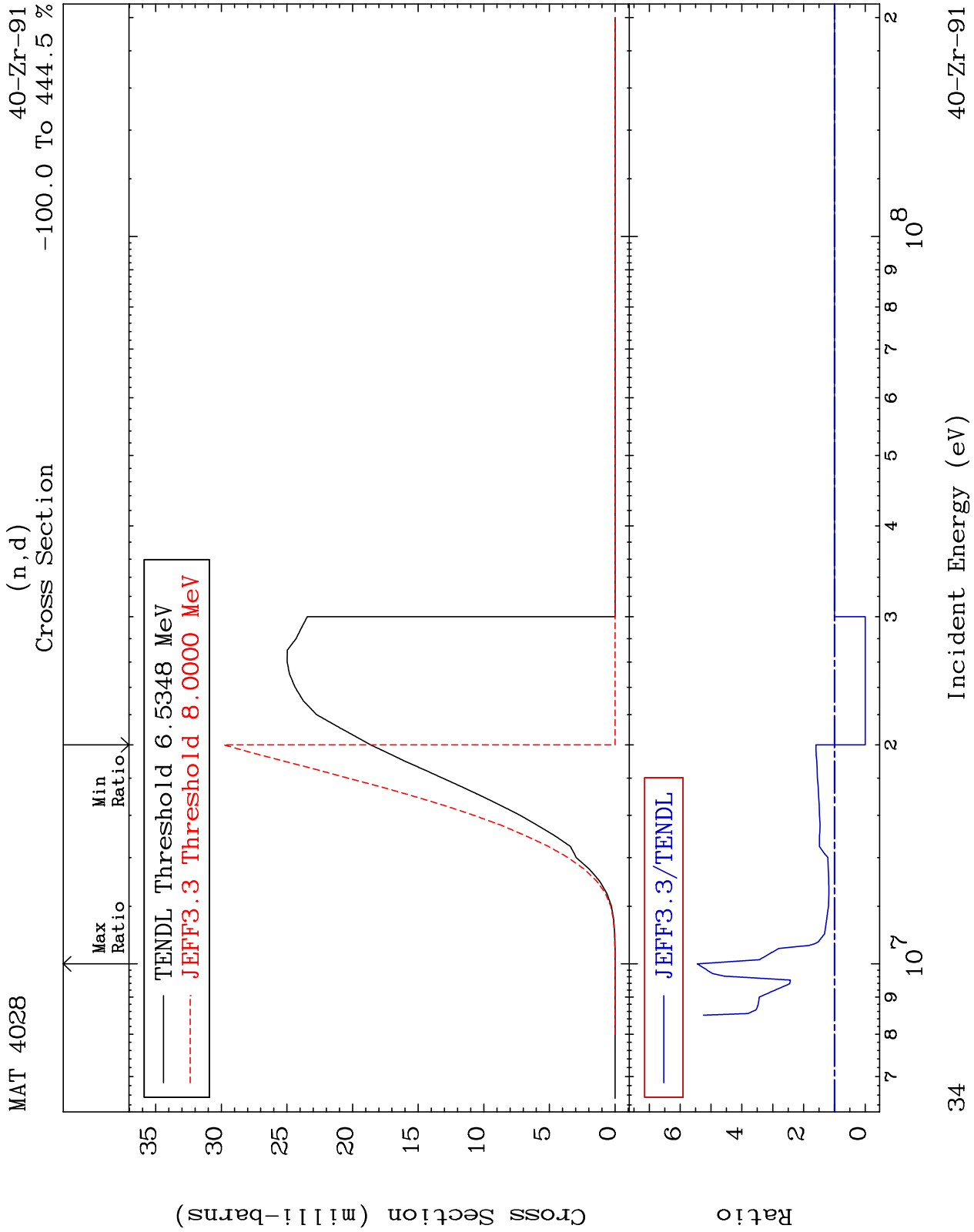
MAT 4028

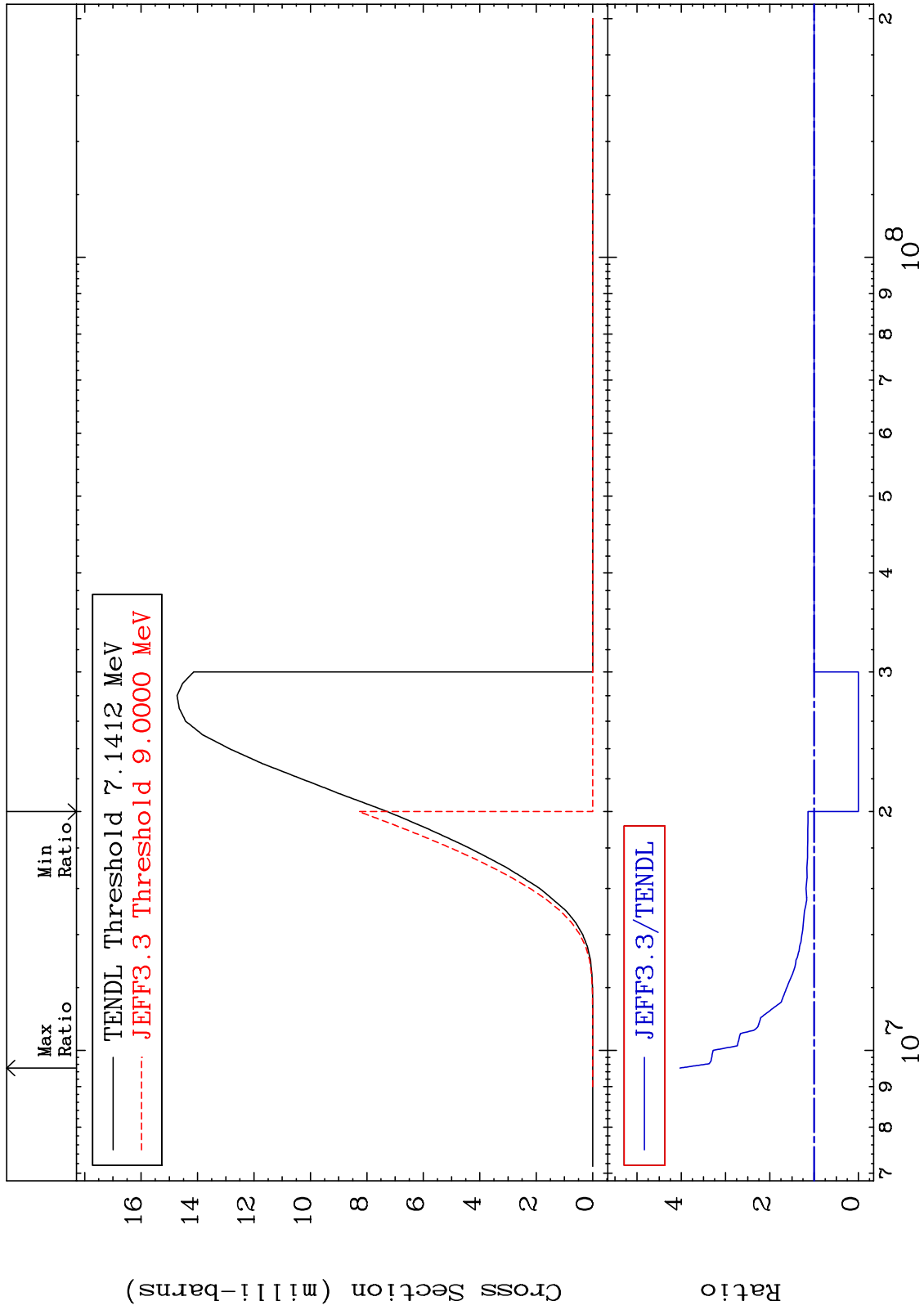
40-Zr-91

-100.0 To 459.5 %

(n,p)  
Cross Section







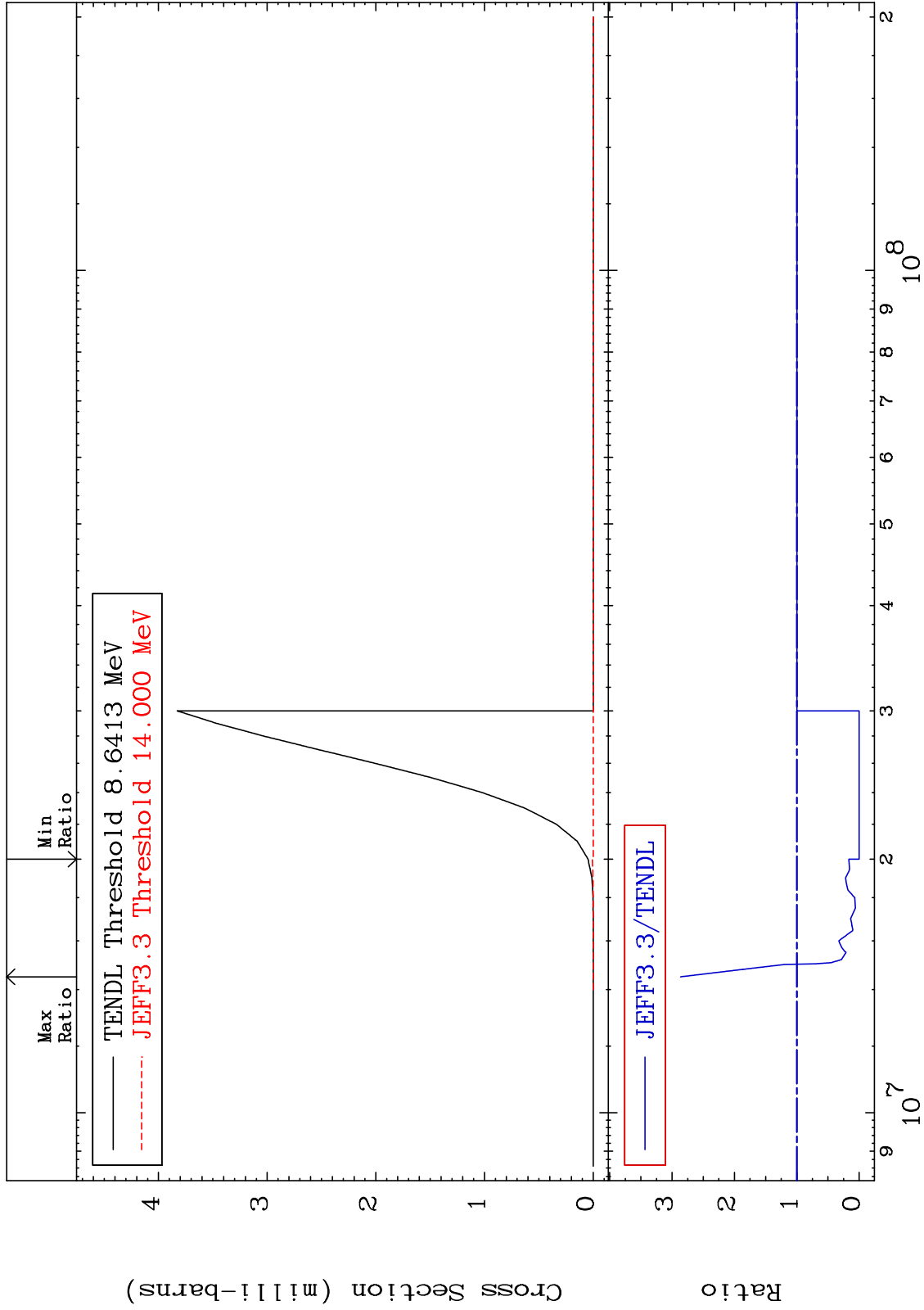
MAT 4028

(n, He-3)

40-Zr-91

Cross Section

-100.0 To 186.3 %



36

Incident Energy (eV)

40-Zr-91

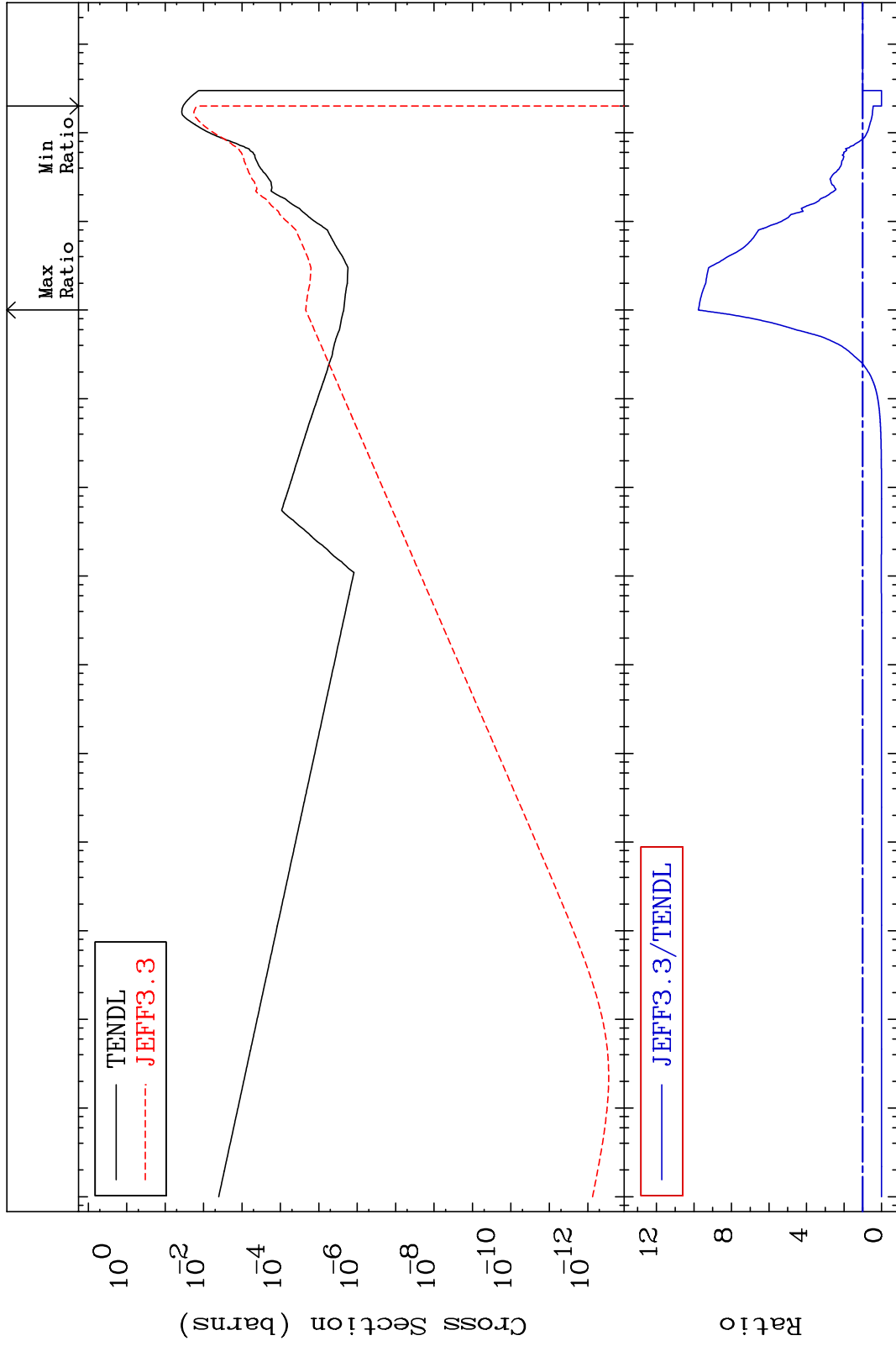
MAT 4028

(n,  $\alpha$ )

40-Zr-91

Cross Section

-100.0 To 876.6 %

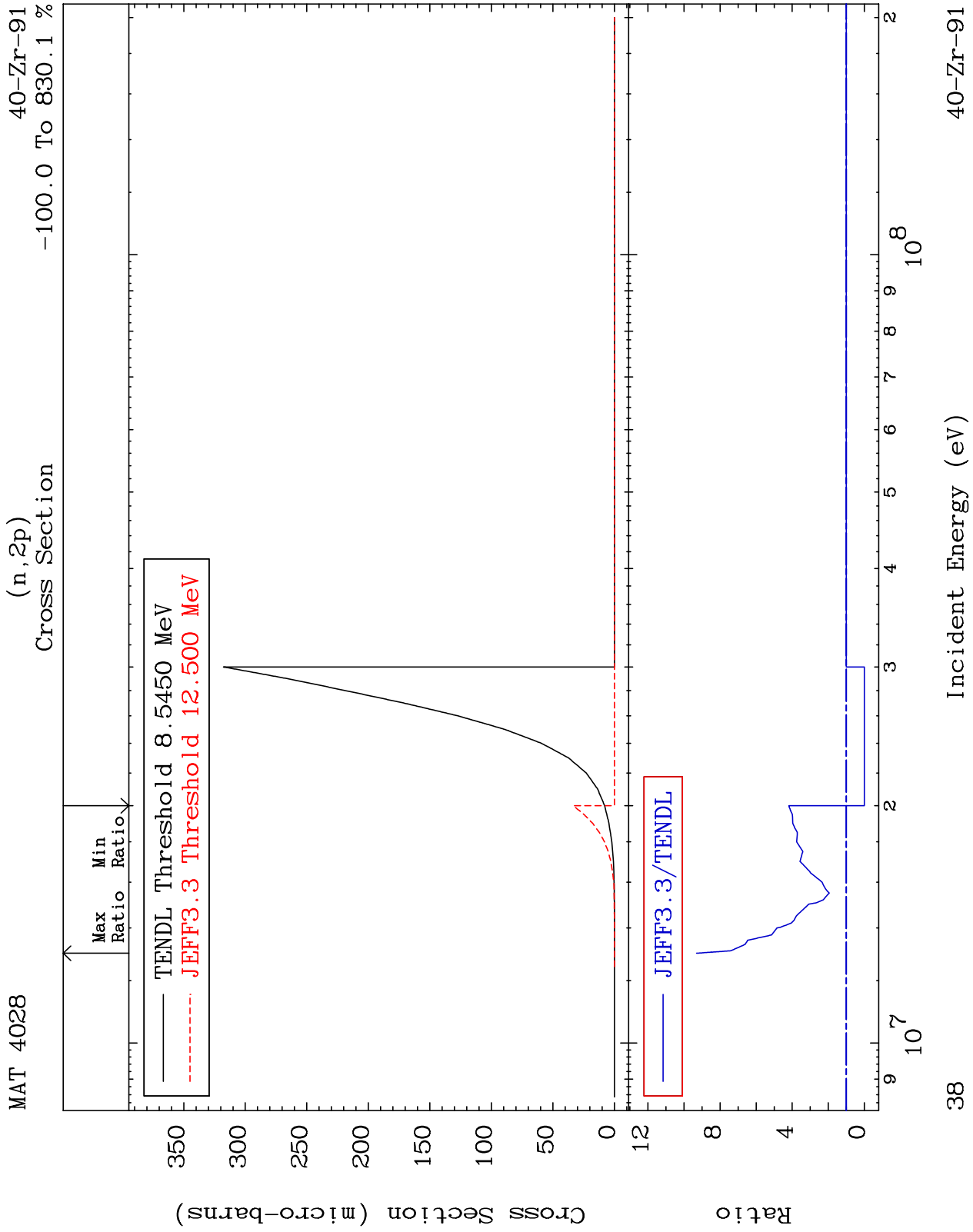


Incident Energy (eV)

37

40-Zr-91

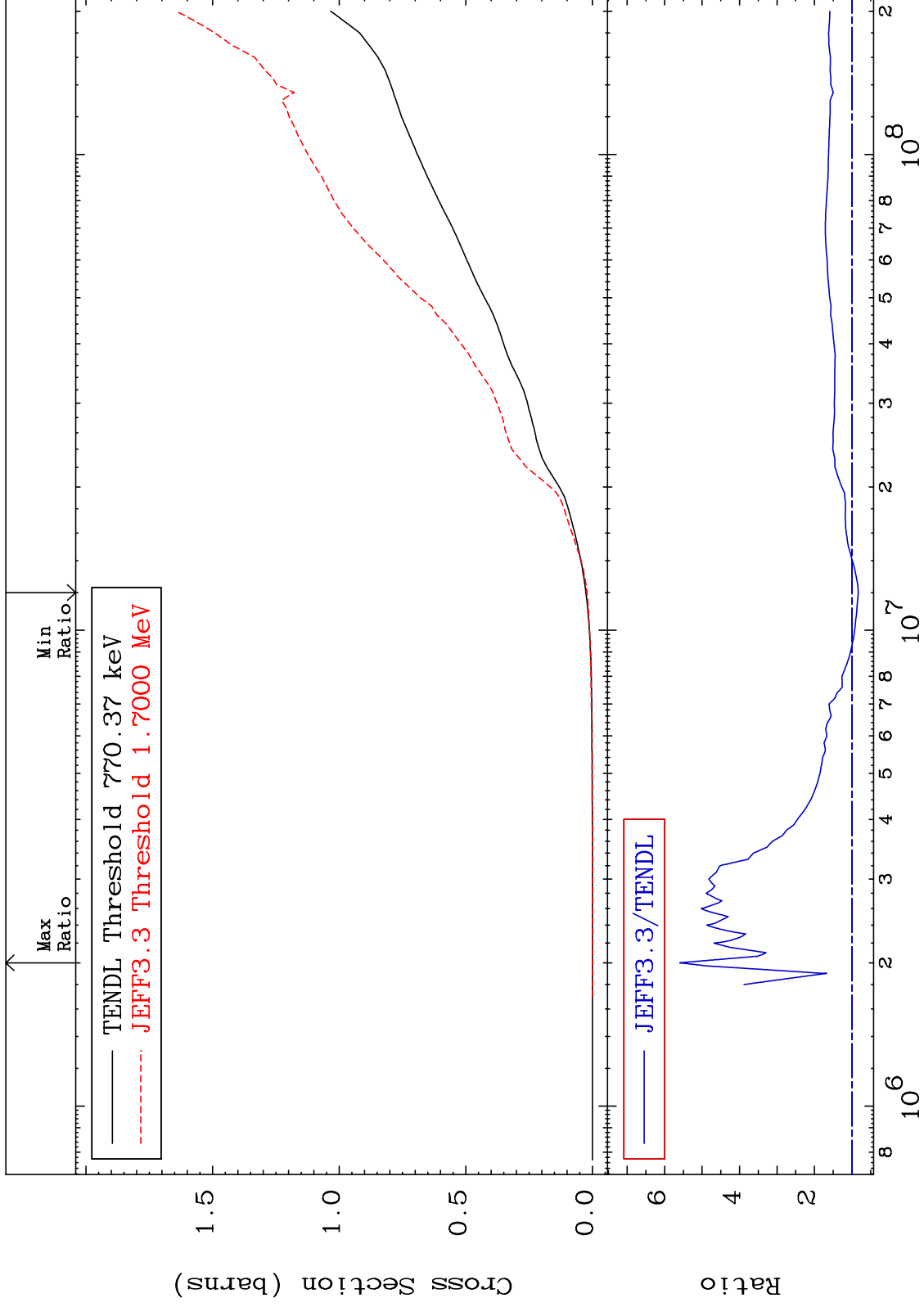
40-Zr-91



MAT 4028

Hydrogen Production  
Cross Section

40-Zr-91  
-17.06 To 459.5 %



39

Incident Energy (eV)

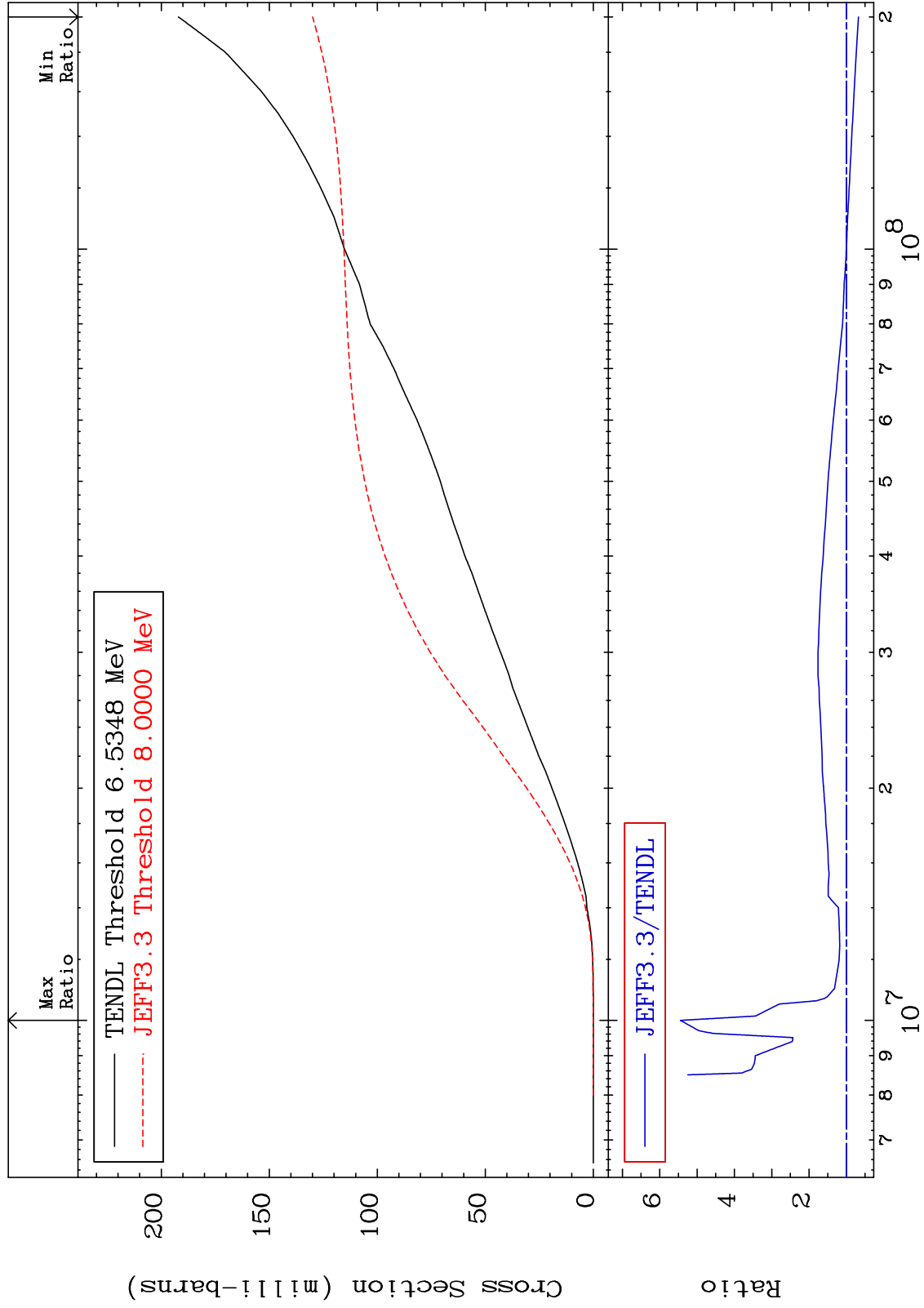
40-Zr-91



MAT 4028

Deuterium Production  
Cross Section

40-Zr-91  
-32.35 To 444.5 %



40

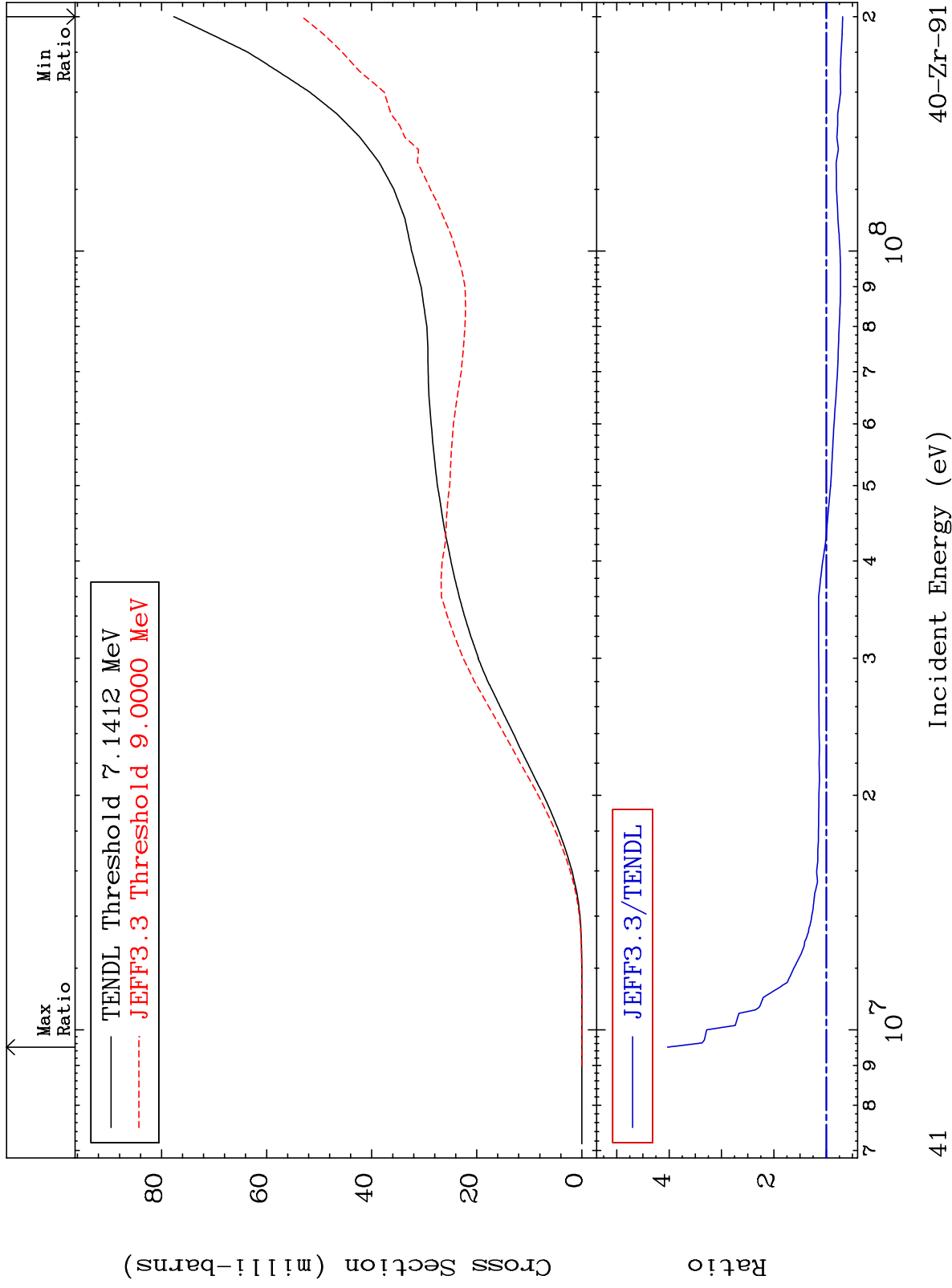
Incident Energy (eV)

40-Zr-91

MAT 4028

Tritium Production  
Cross Section

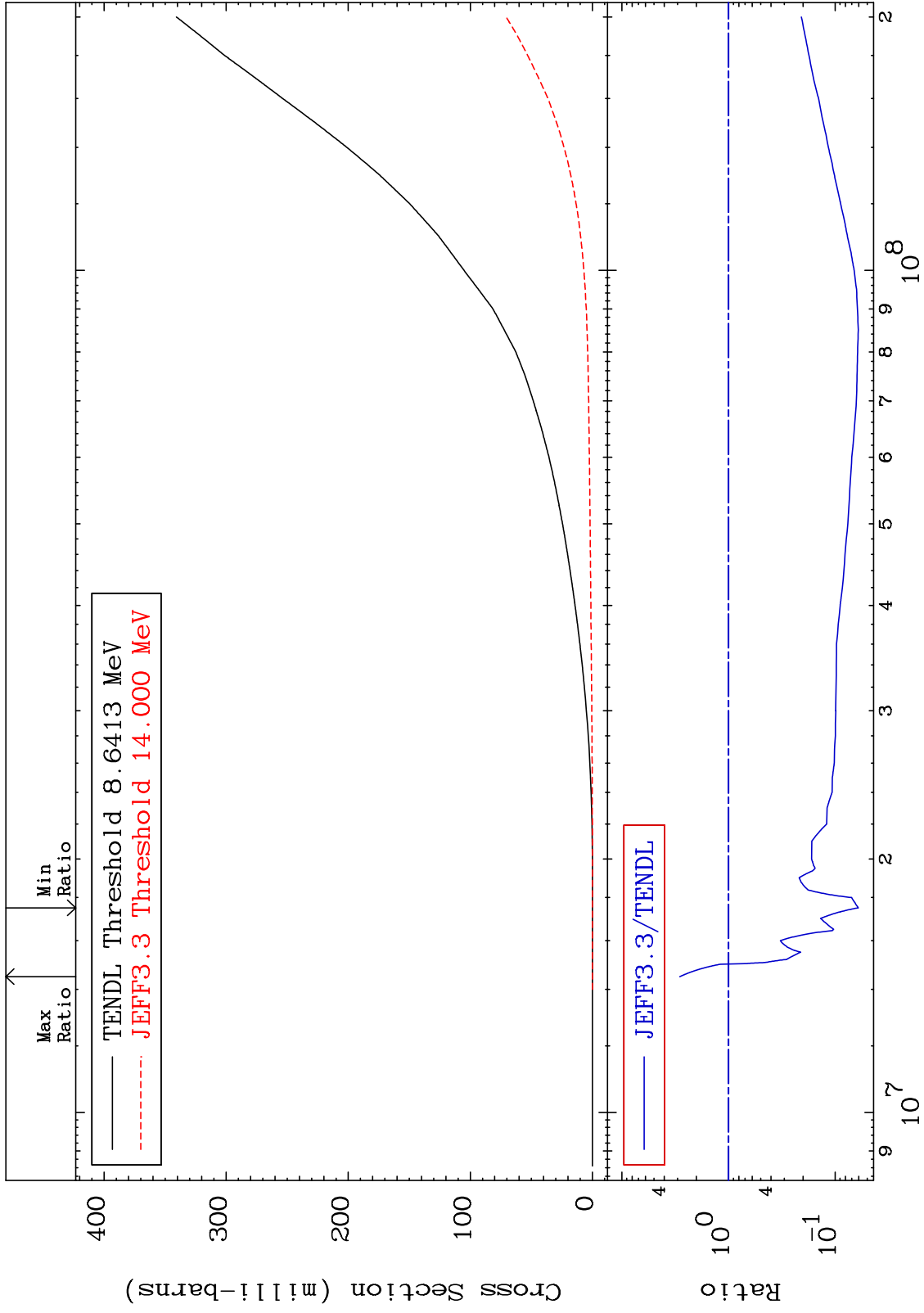
40-Zr-91  
-31.33 To 302.9 %



MAT 4028

He-3 Production  
Cross Section

40-Zr-91  
-93.94 To 186.3 %



42

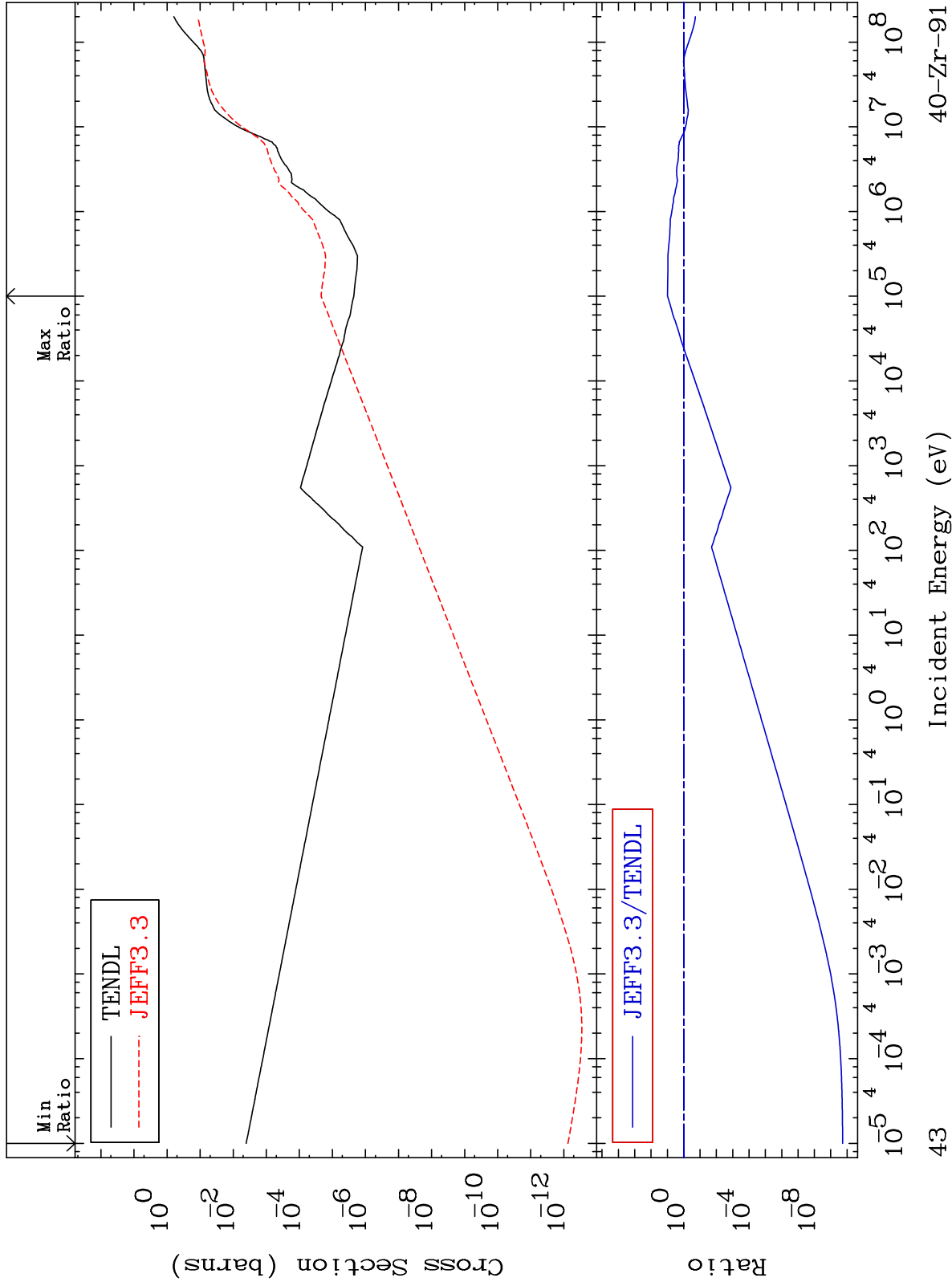
Incident Energy (eV)

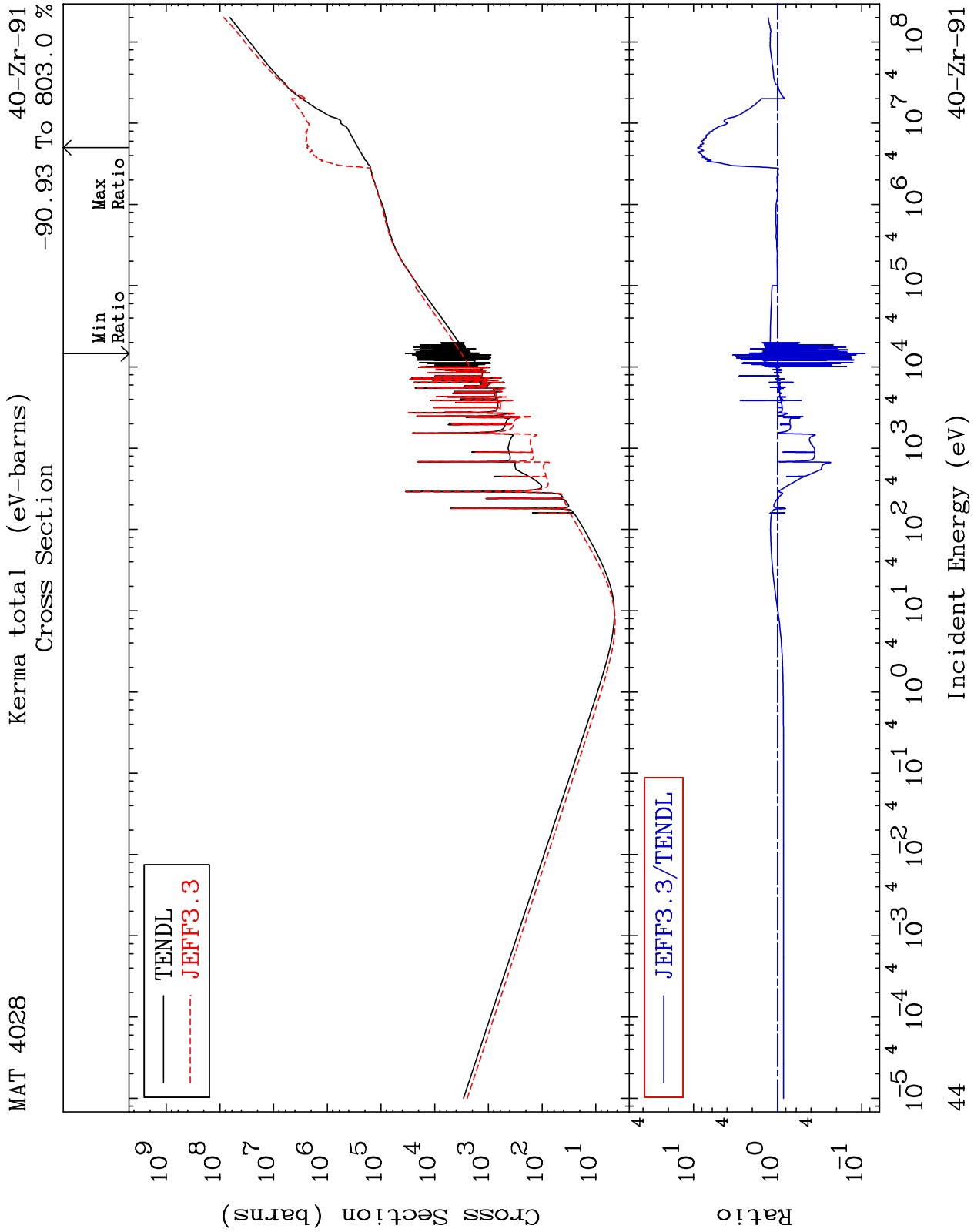
40-Zr-91

MAT 4028

He-4 Production  
Cross Section

40-Zr-91  
-100.0 To 876.6 %

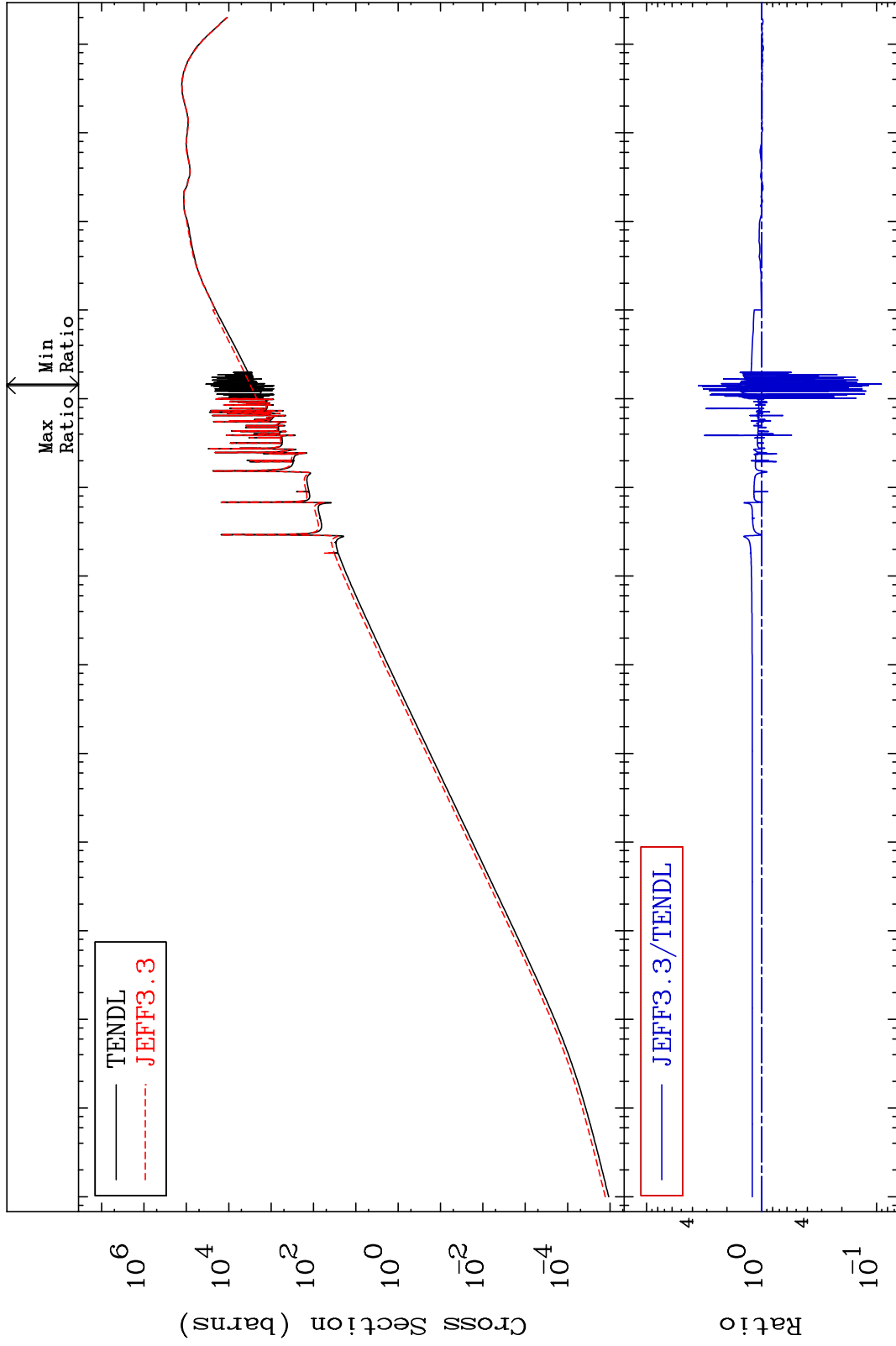




MAT 4028

Kerma elastic  
Cross Section

40-Zr-91  
-90.97 To 254.9 %



45

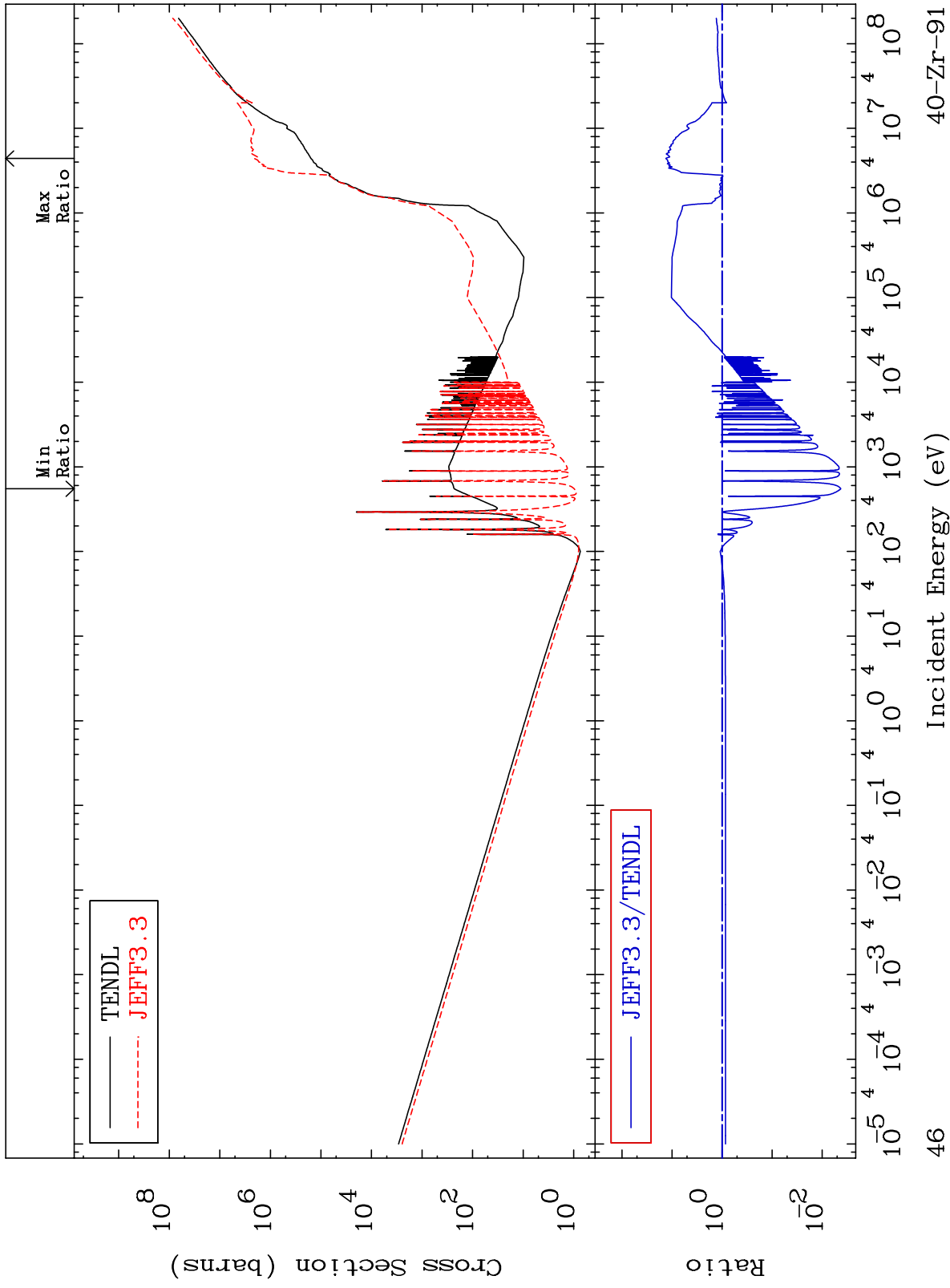
Incident Energy (eV)

40-Zr-91

MAT 4028

Kerma non-elastic (all but mt2)  
Cross Section

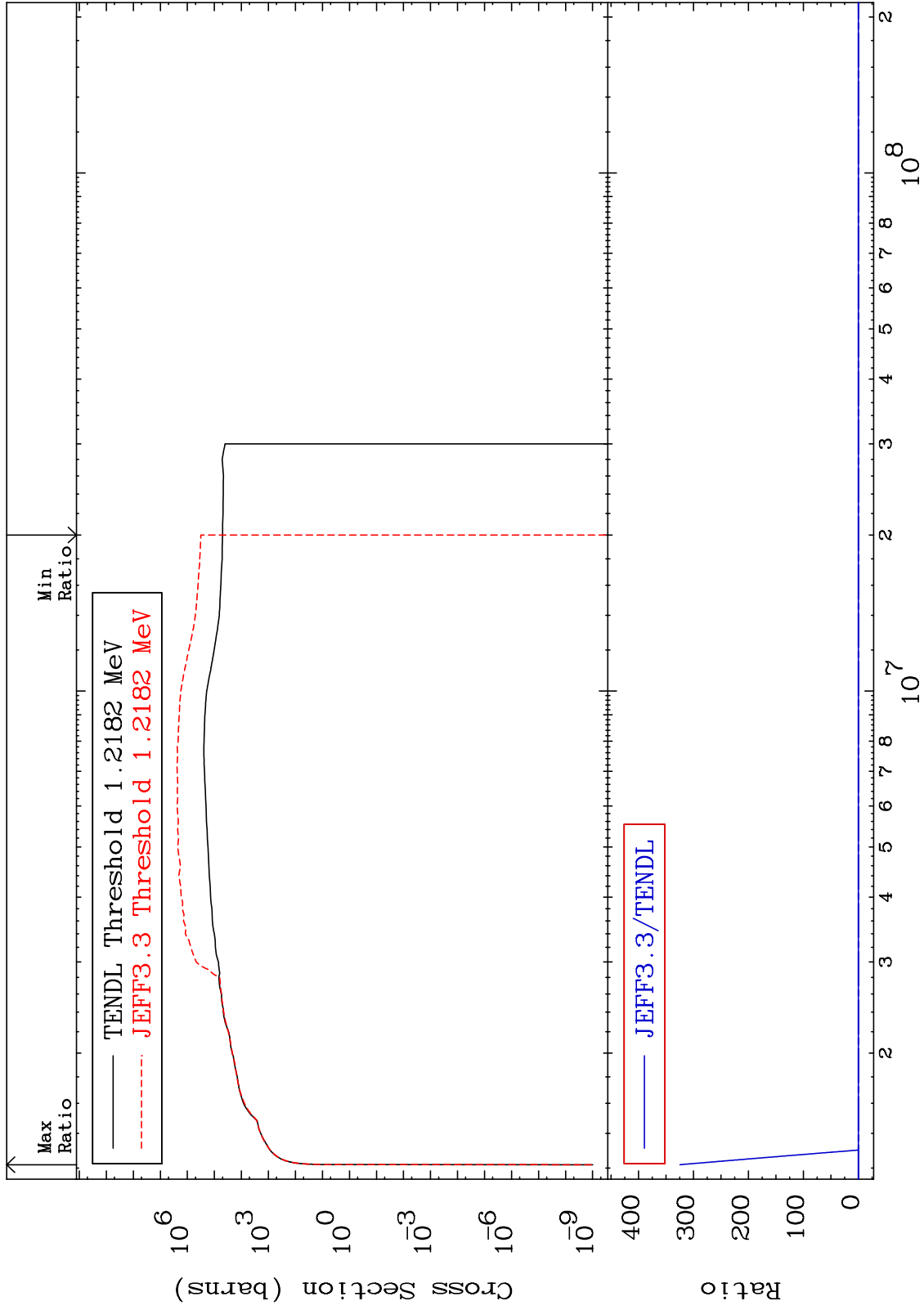
40-Zr-91  
-99.58 To 1220. %



MAT 4028

Kerma inelastic (mt51-91)  
Cross Section

40-Zr-91  
-100.0 To 9999. %

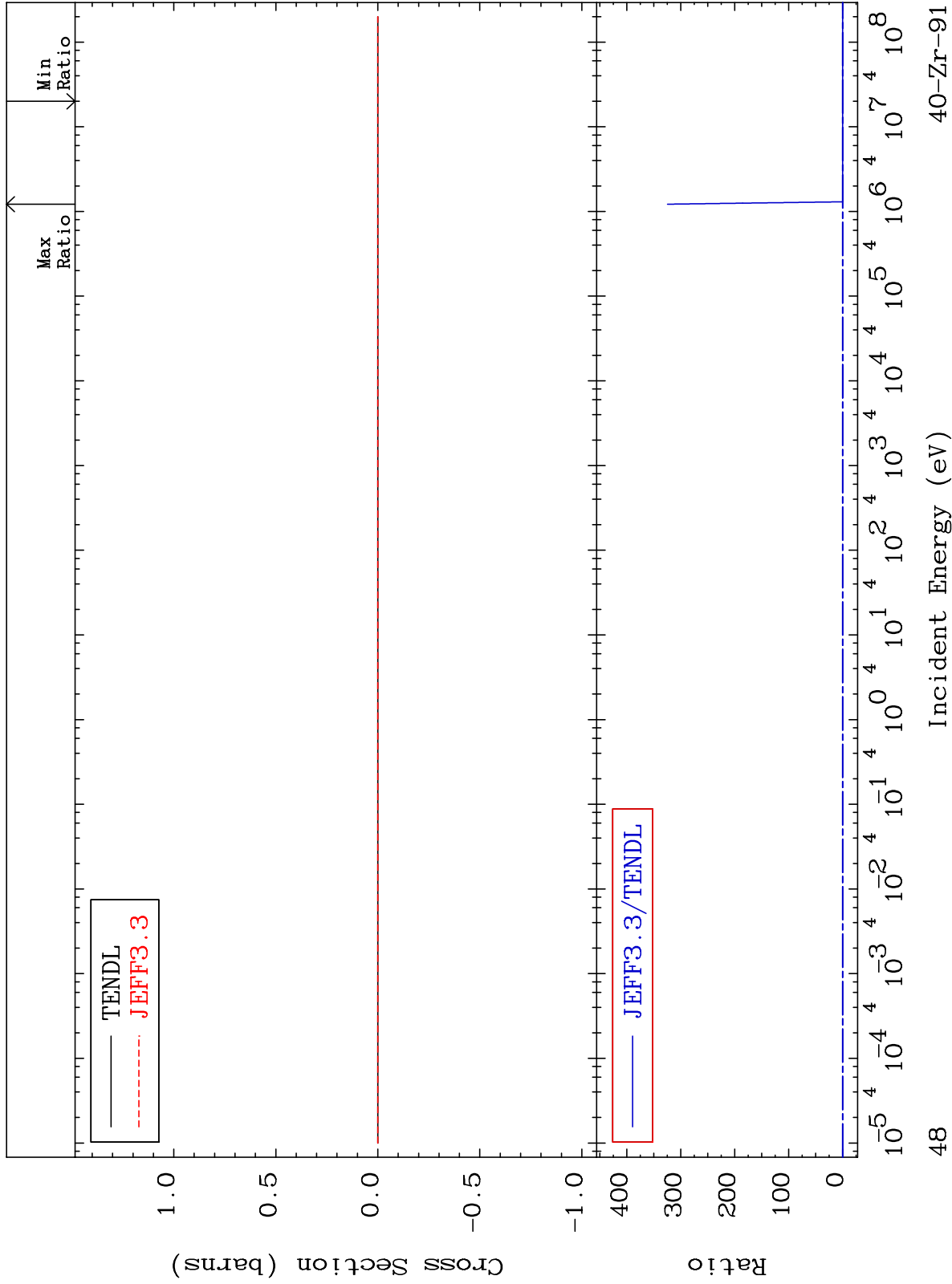




MAT 4028

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

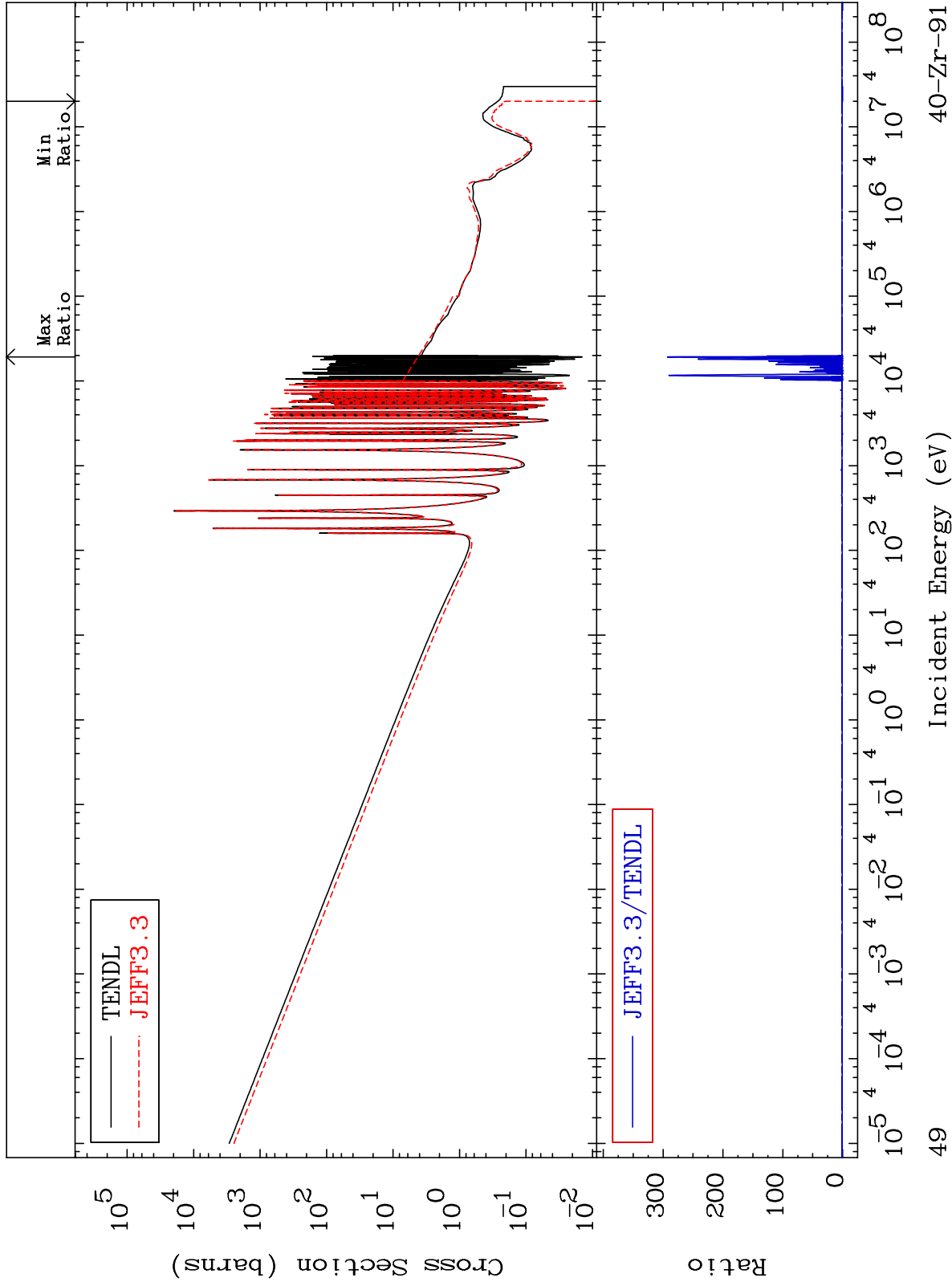
40-Zr-91  
-100.0 To 9999. %



MAT 4028

Kerma capture (mt102)  
Cross Section

40-Zr-91  
-100.0 To 9999. %



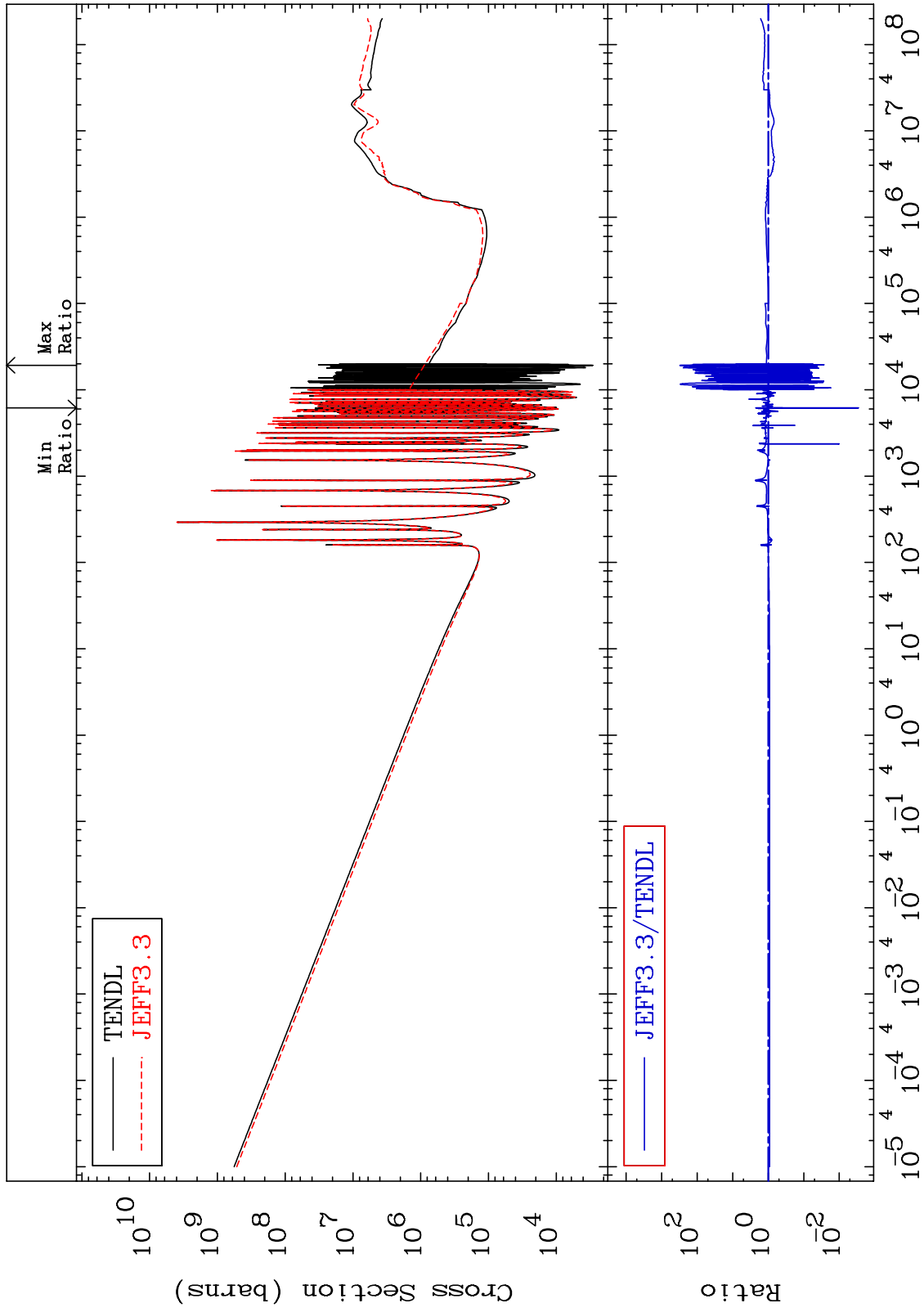
49

40-Zr-91

MAT 4028

Total photon (eV-barns)  
Cross Section

40-Zr-91  
-99.71 To 9999. %



50

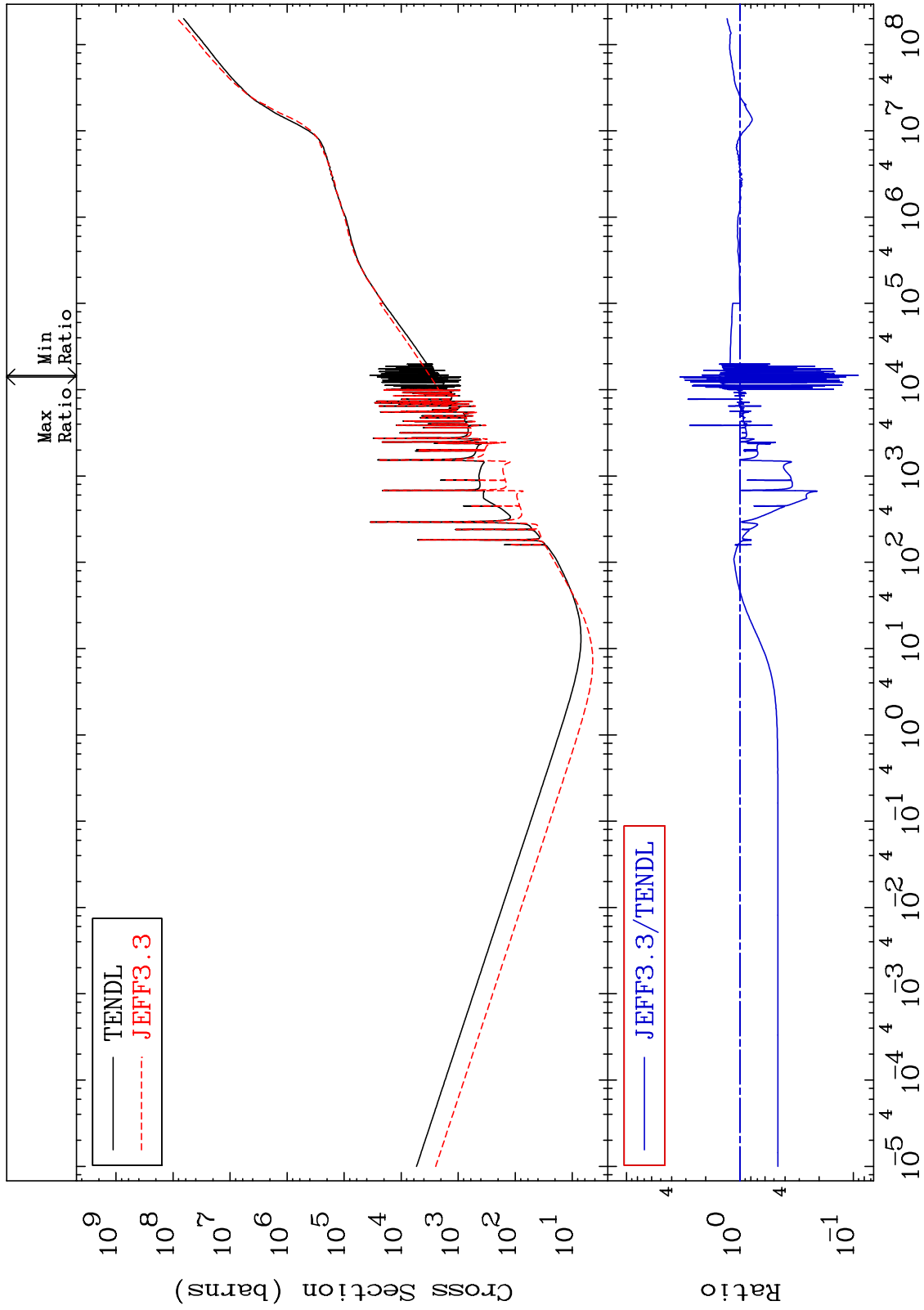
Incident Energy (eV)

40-Zr-91

MAT 4028

Total kinematic kerma (high limit)  
Cross Section

40-Zr-91  
-90.99 To 237.4 %



51

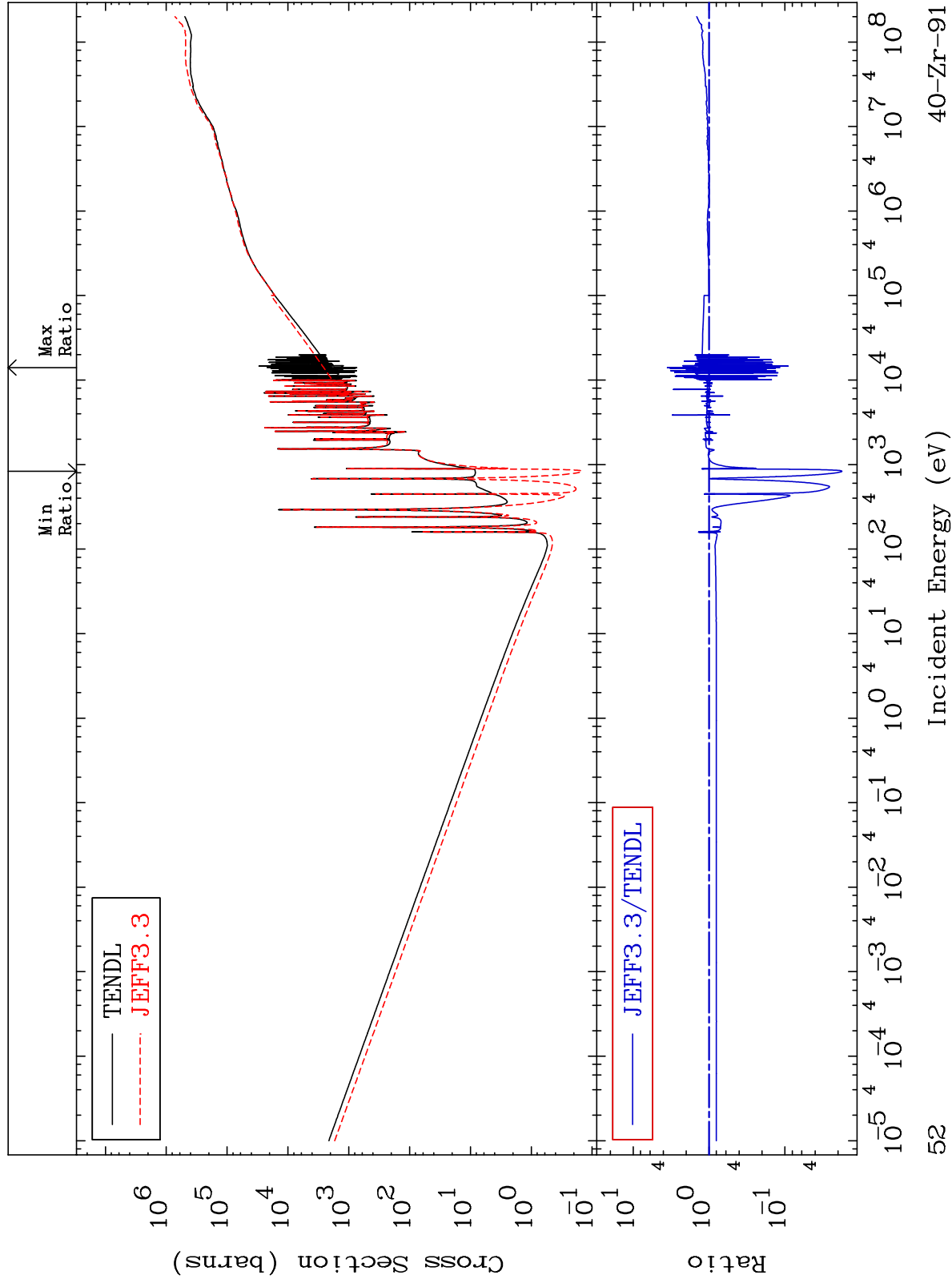
Incident Energy (eV)

40-Zr-91

MAT 4028

Dpa total (eV-barns)  
Cross Section

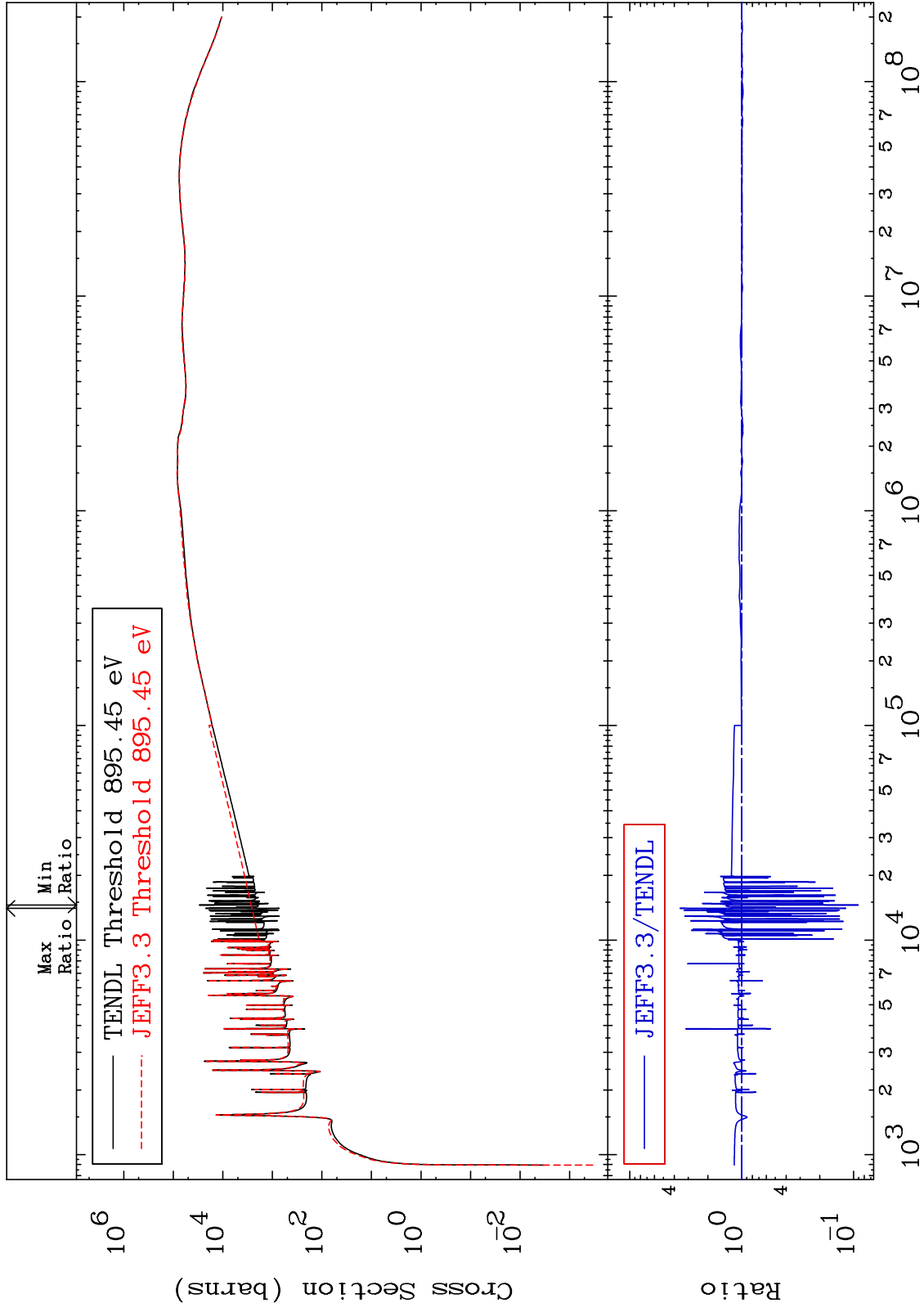
40-Zr-91  
-98.24 To 253.4 %



MAT 4028

Dpa elastic (mt2)  
Cross Section

40-Zr-91  
-90.97 To 254.9 %



53

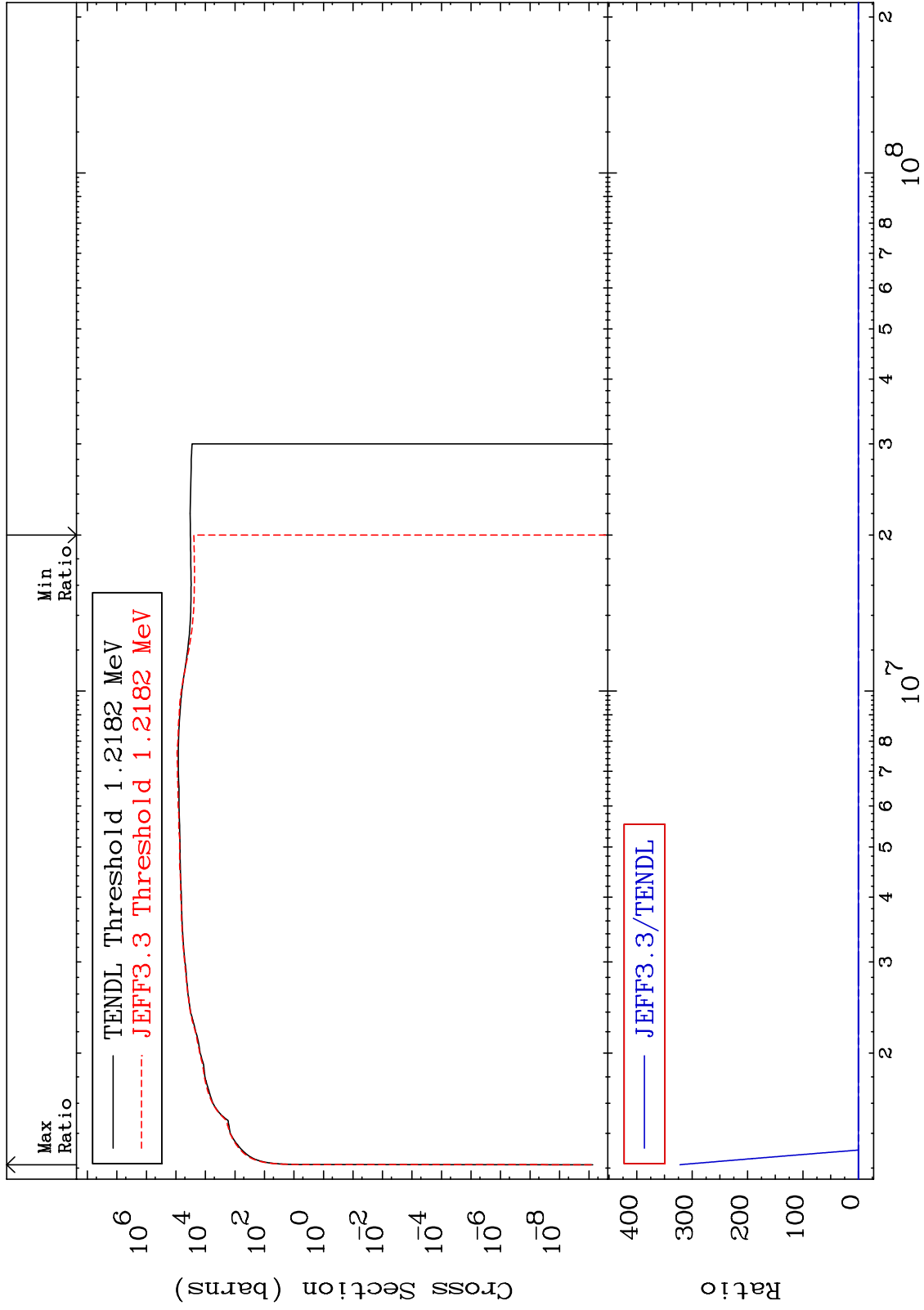
Incident Energy (eV)

40-Zr-91

MAT 4028

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-91  
-100.0 To 9999. %



MAT 4028

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-91  
-100.0 To 410.4 %

