

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

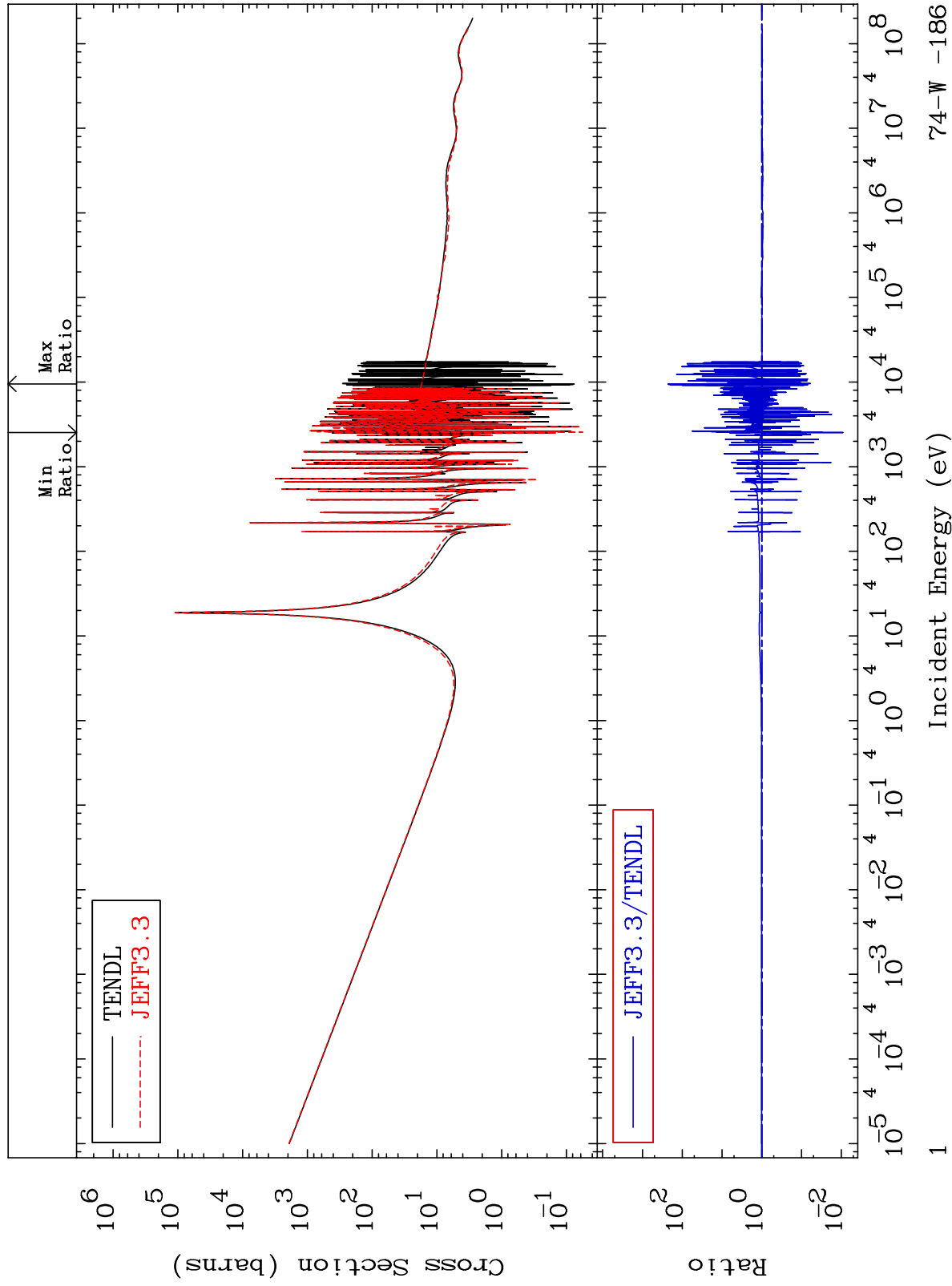
MAT 7443

Total

Cross Section

74-W -186

-99.08 To 9999. %



Incident Energy (eV)

74-W -186

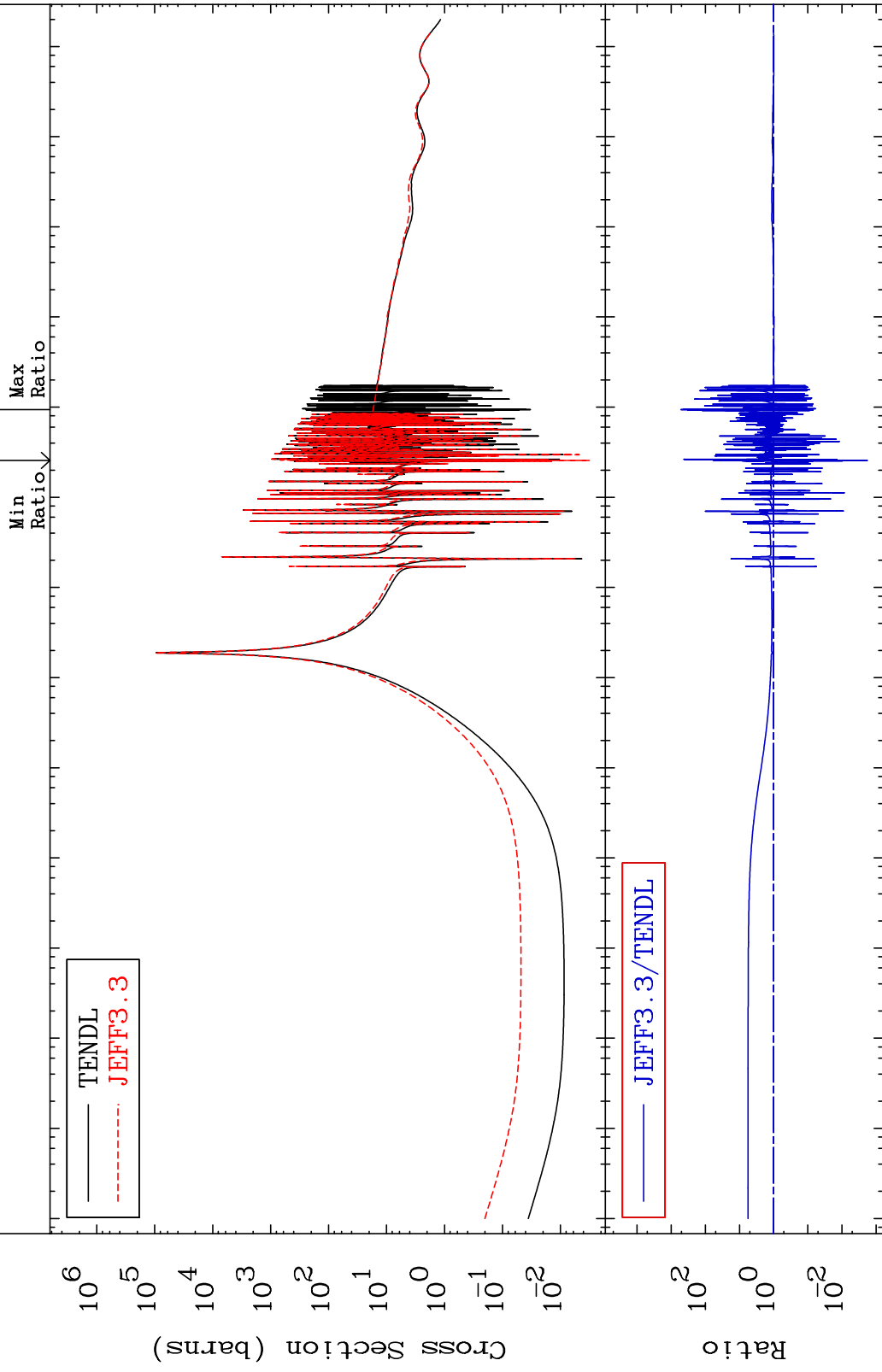
MAT 7443

Elastic

Cross Section

74-W -186

-99.82 To 9999. %

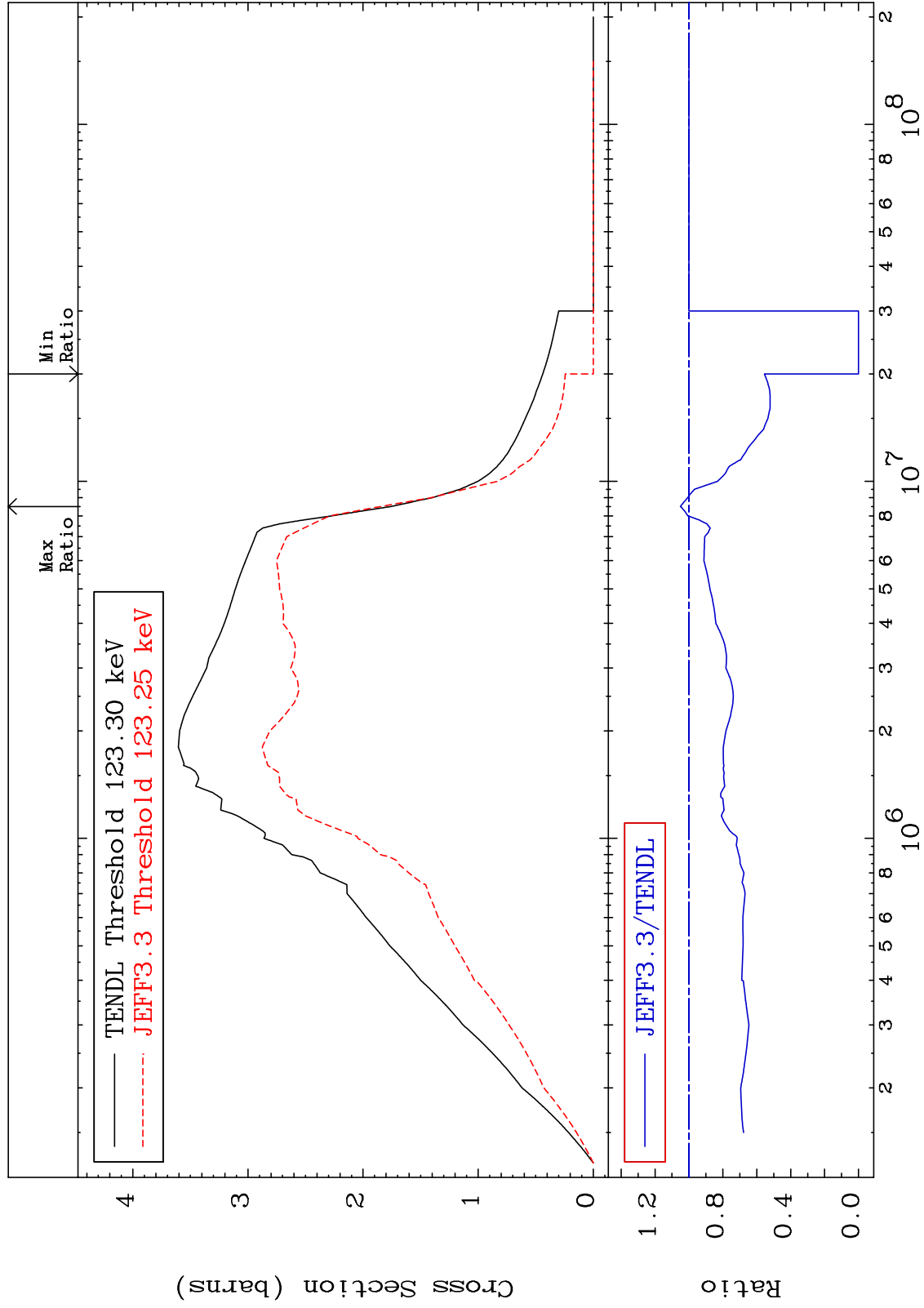


Incident Energy (eV)

74-W -186

MAT 7443

Inelastic Cross Section  
74-W -186  
-100.0 To 5.014 %



3

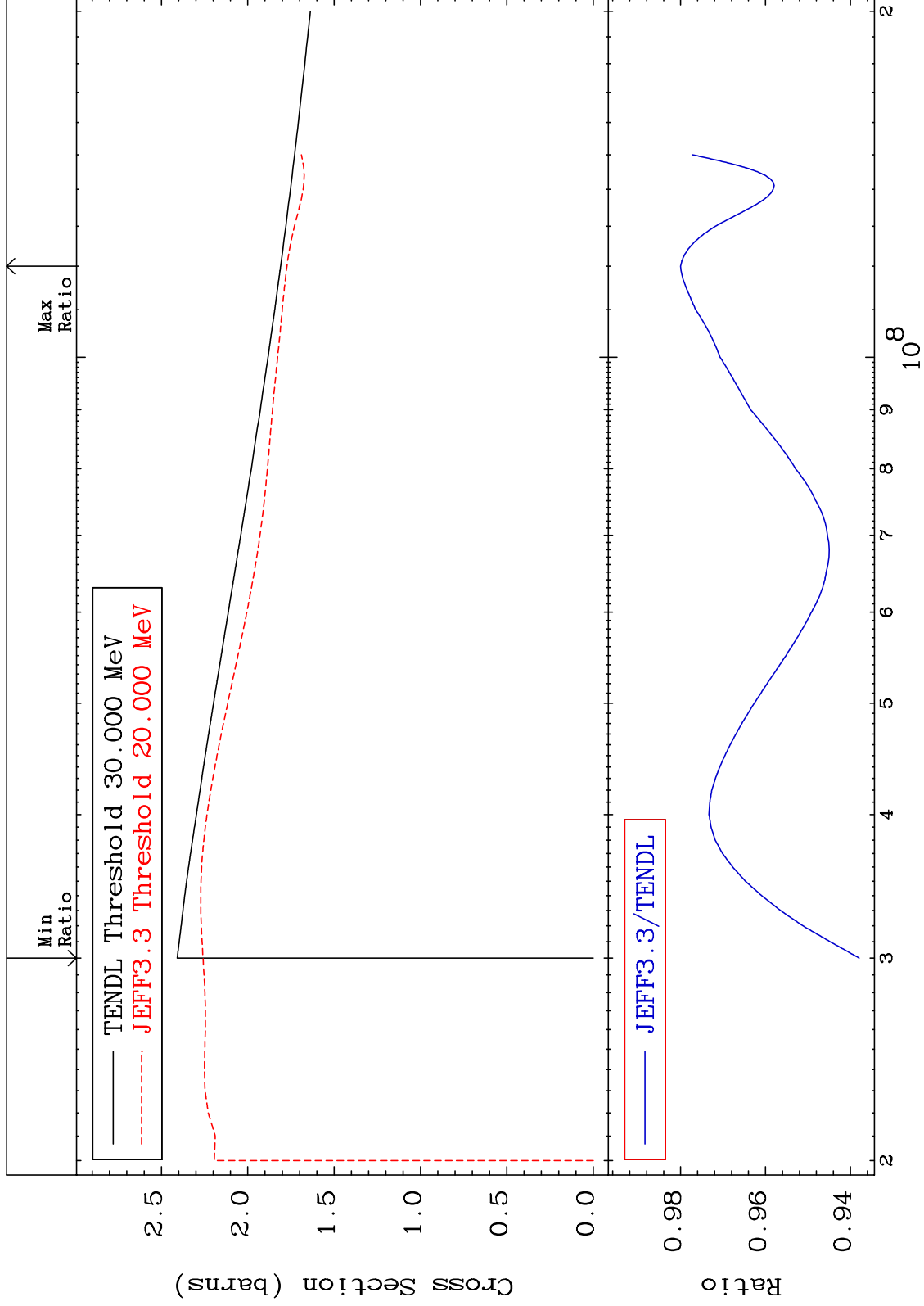
Incident Energy (eV)

74-W -186

MAT 7443

(n, remainder)  
Cross Section

74-W -186  
-6.208 To -2.000%



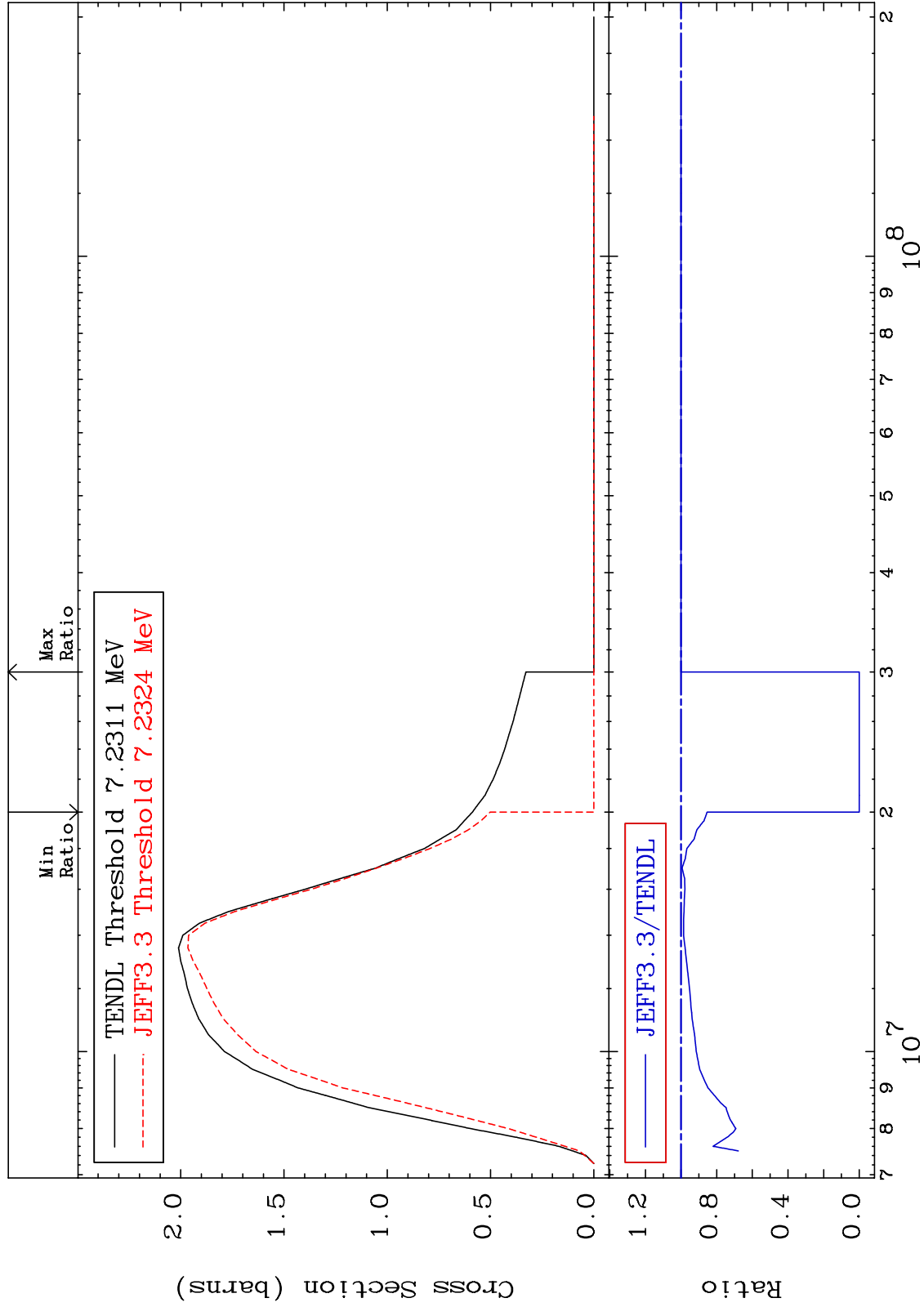
MAT 7443

(n, 2n)

74-W -186

-100.0 To 0.000 %

Cross Section



Incident Energy (eV)

74-W -186

5

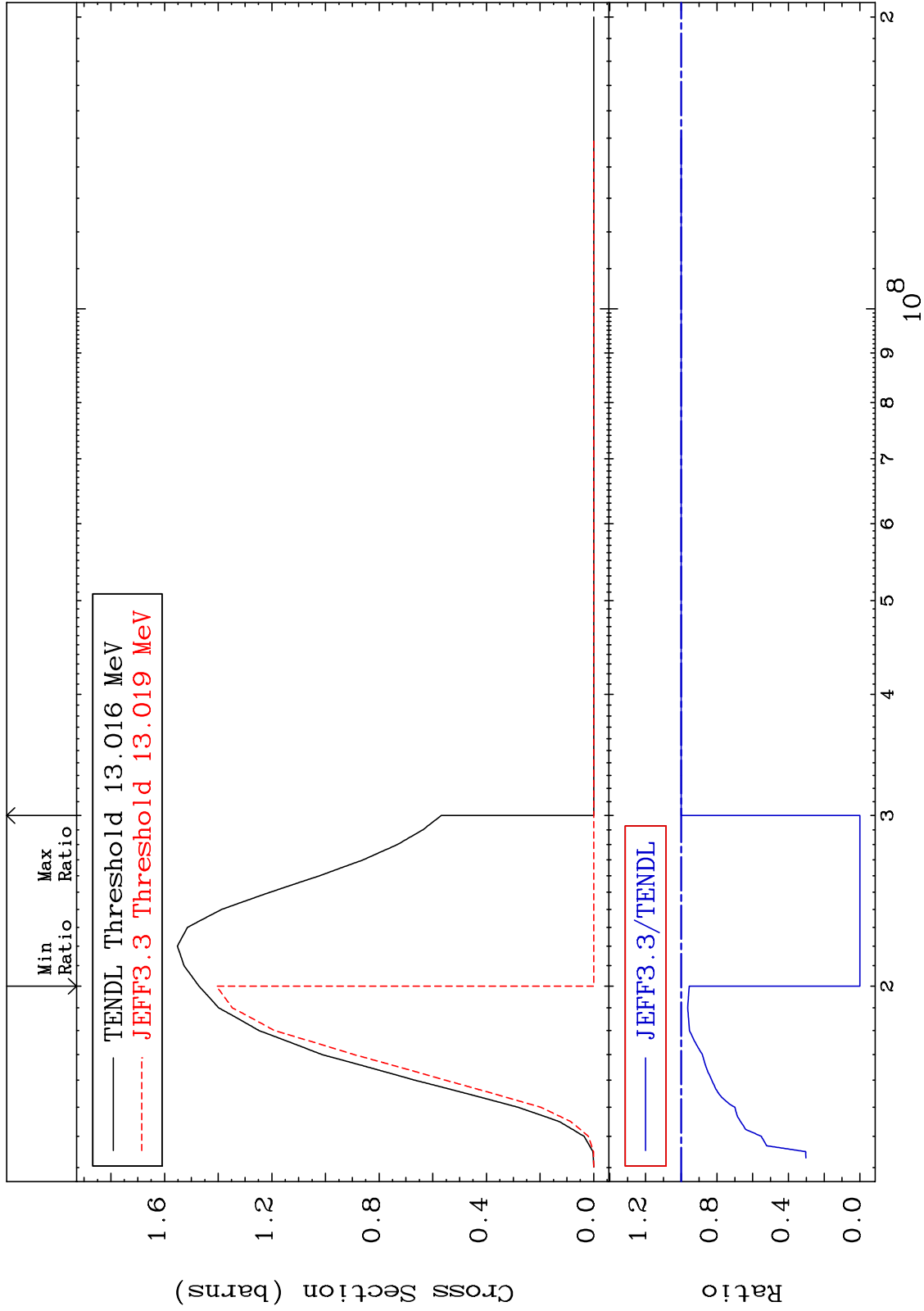
MAT 7443

(n, 3n)

74-W -186

Cross Section

-100.0 To 0.000 %



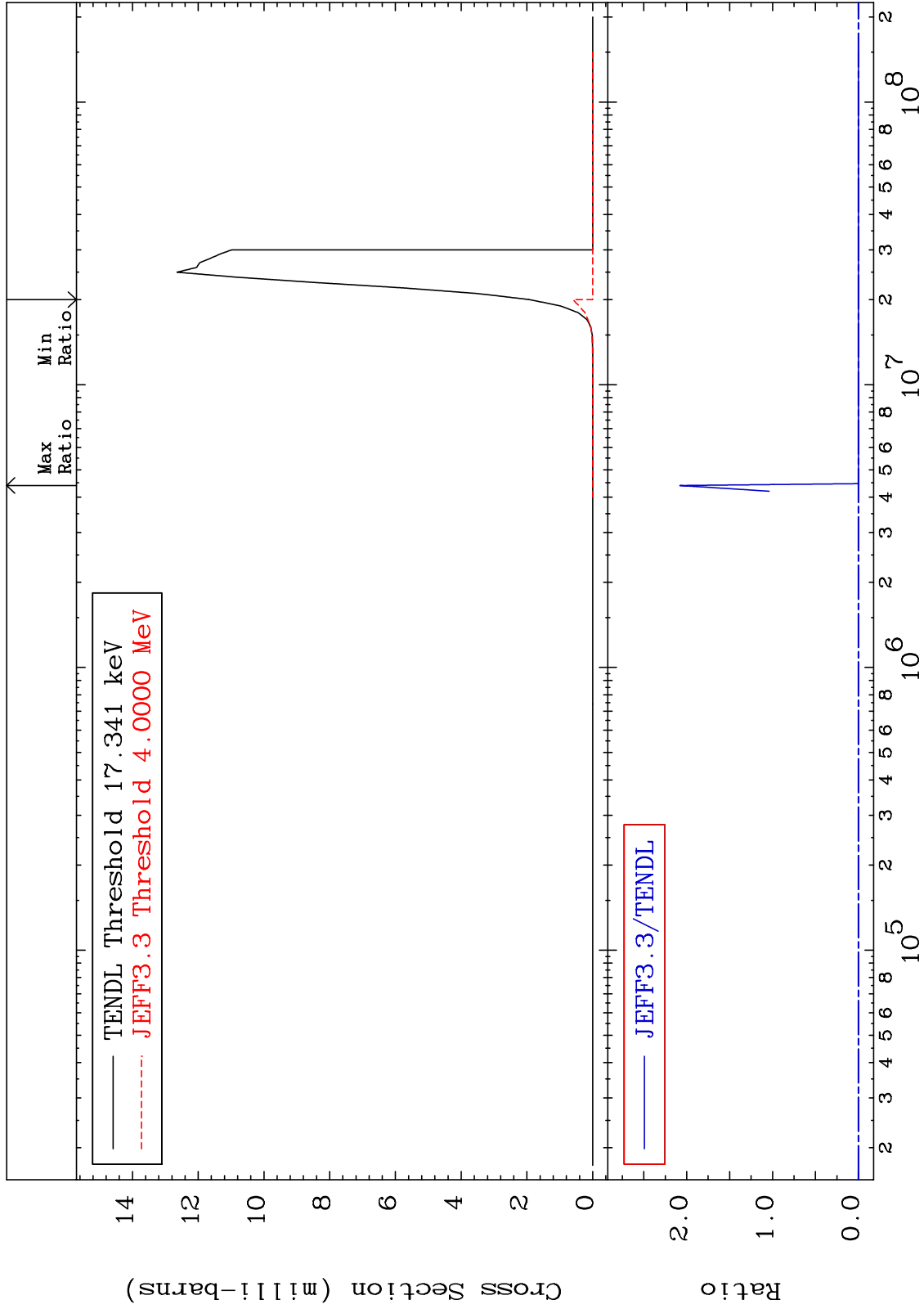
MAT 7443

(n, n')  $\alpha$

74-W -186

-100.0 To 9999. %

Cross Section





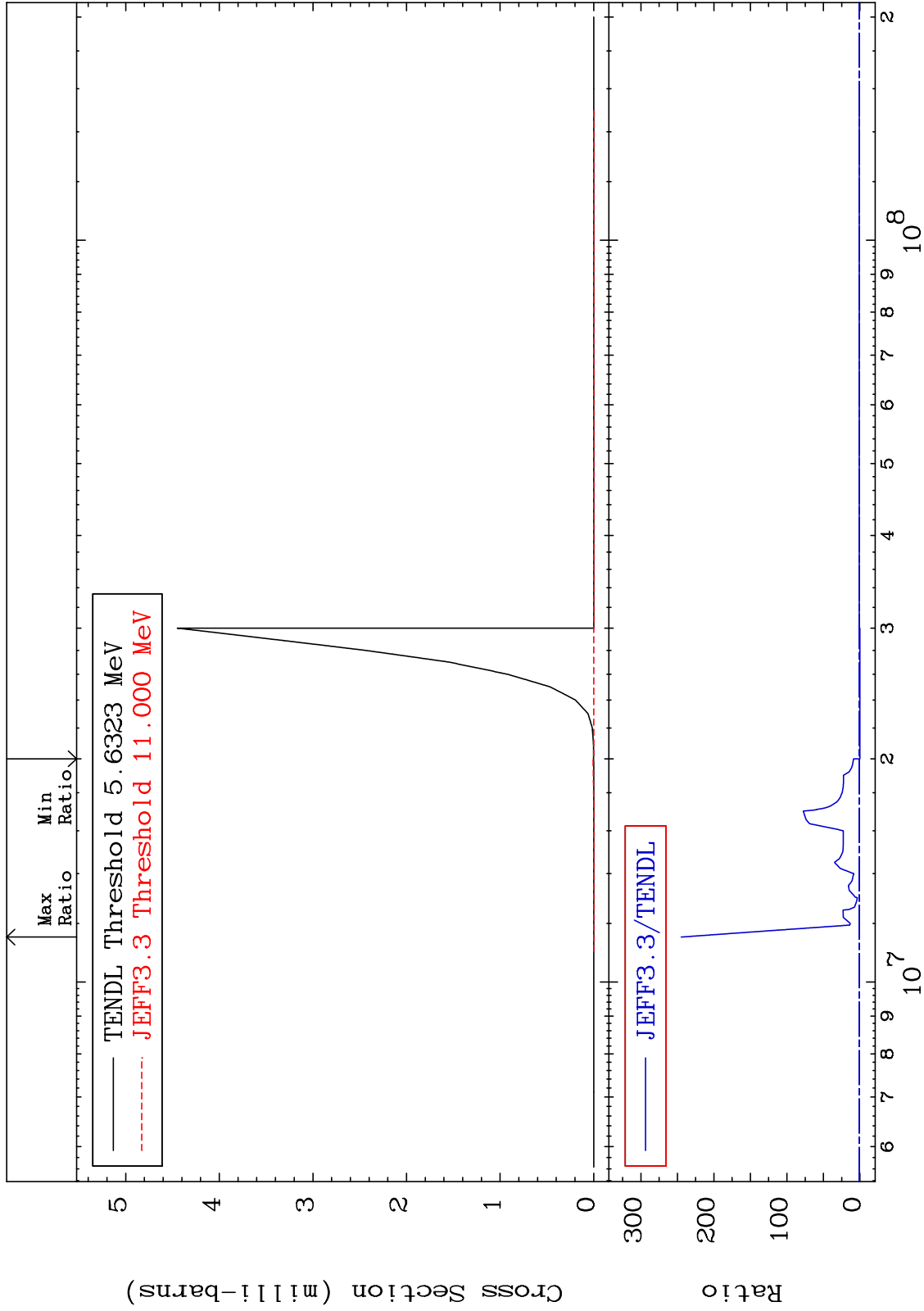
MAT 7443

(n,2n)  $\alpha$

74-W -186

Cross Section

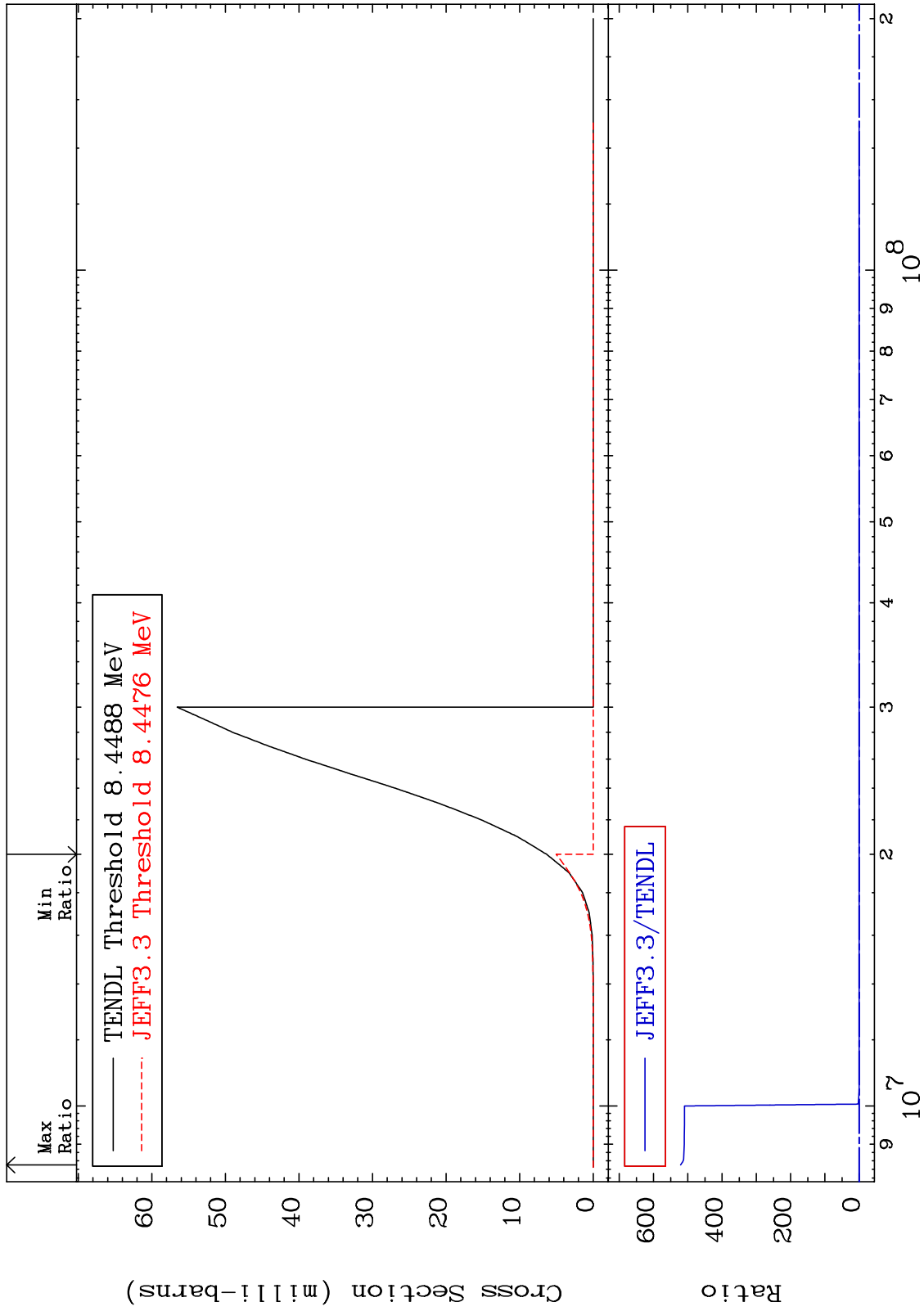
-100.0 To 9999. %



MAT 7443

(n,n') p  
Cross Section

74-W -186  
-100.0 To 9999. %



74-W -186

Incident Energy (eV)

9

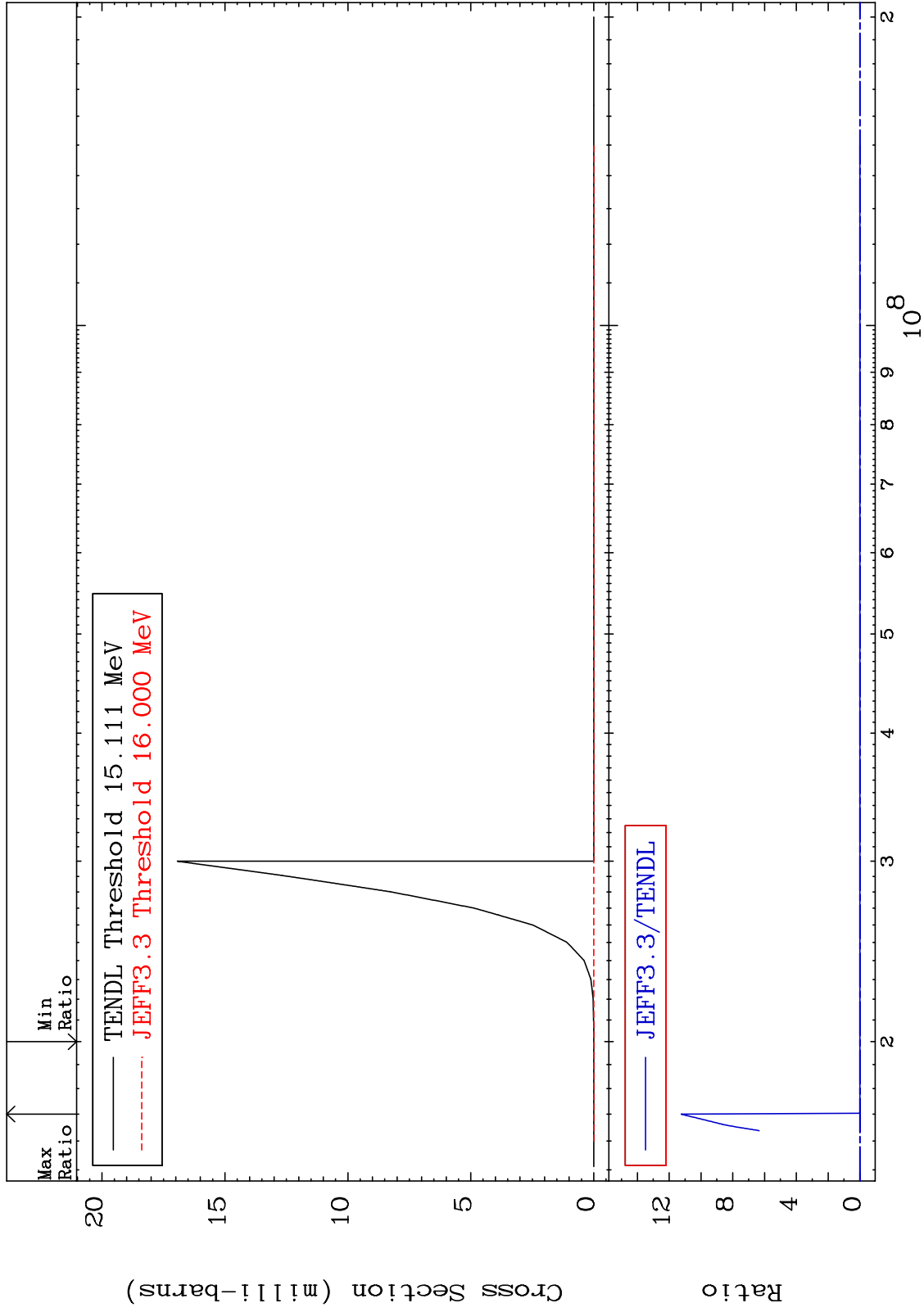
MAT 7443

(n,2n) p

74-W -186

Cross Section

-100.0 To 9999. %



10

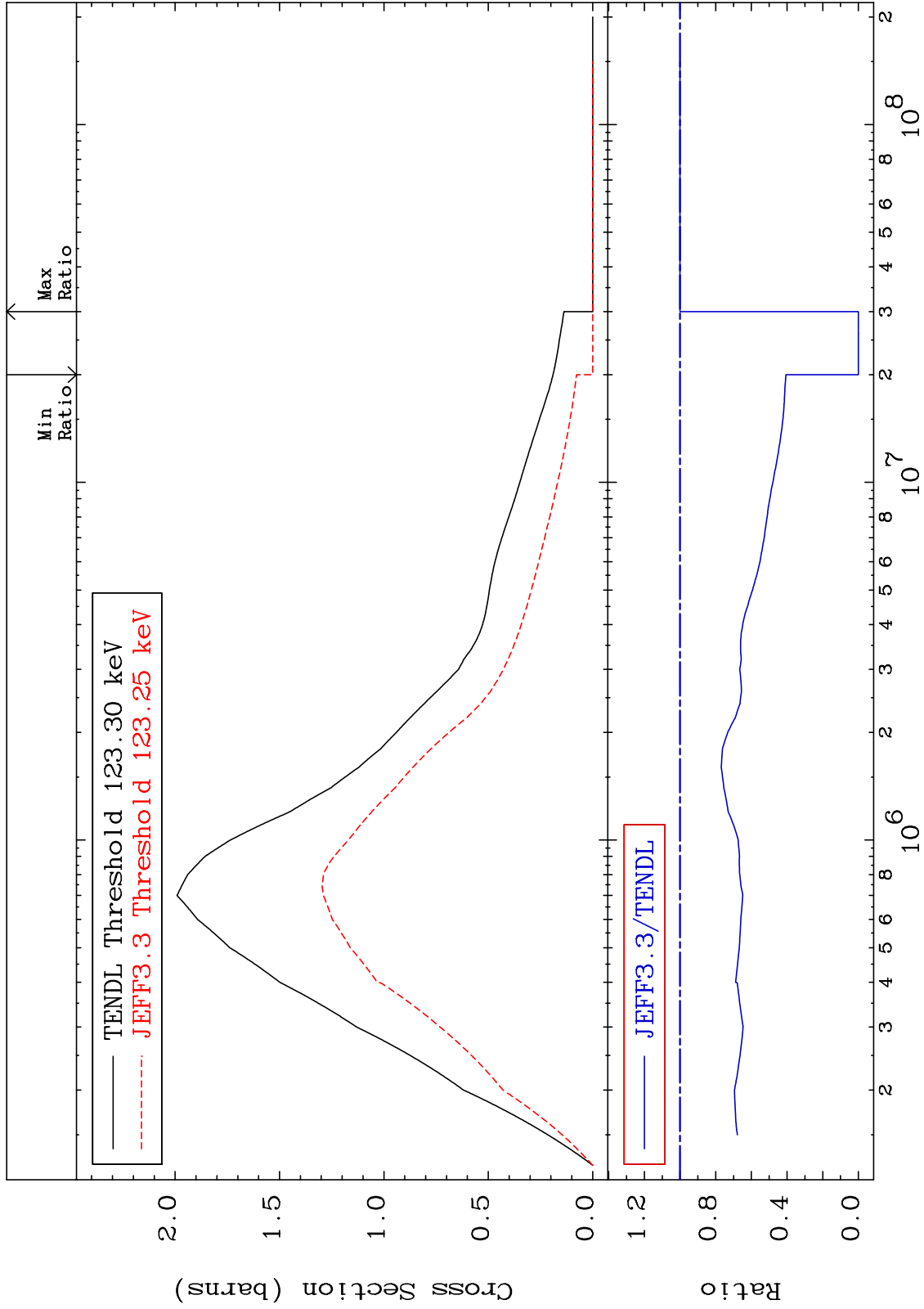
Incident Energy (eV)

74-W -186

MAT 7443

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

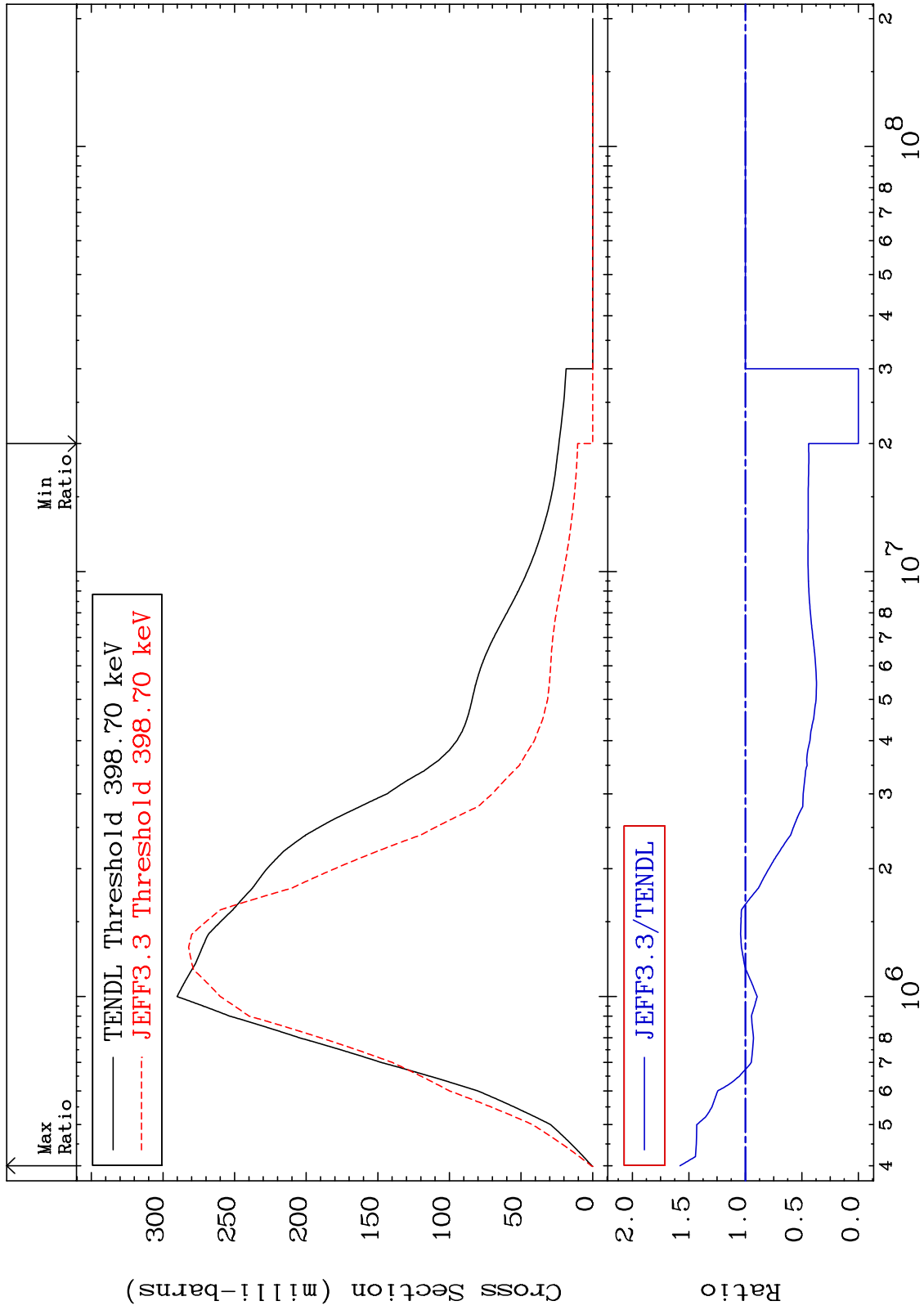
74-W -186  
-100.0 To 0.000 %



MAT 7443

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

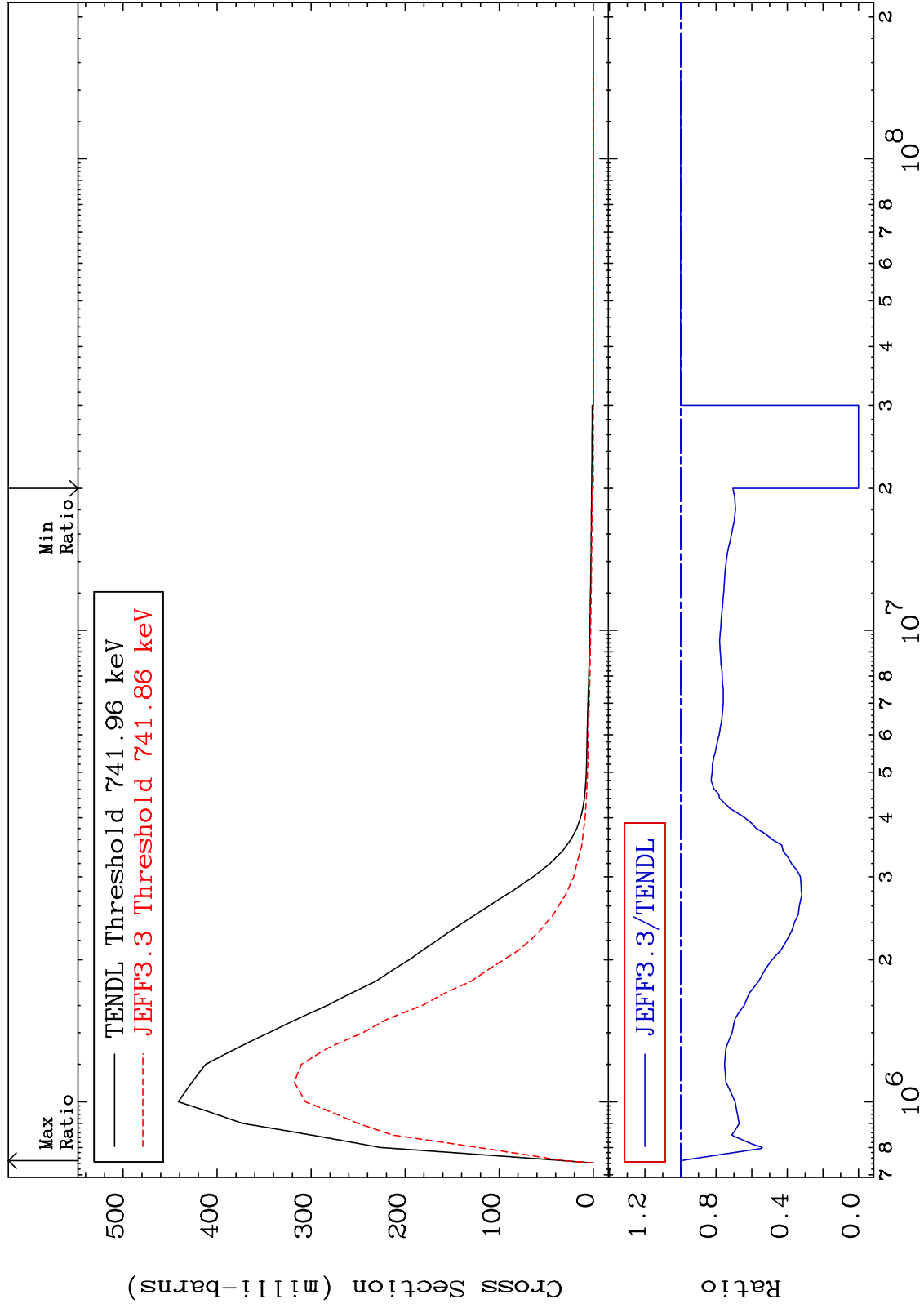
74-W -186  
-100.0 To 57.81 %



MAT 7443

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

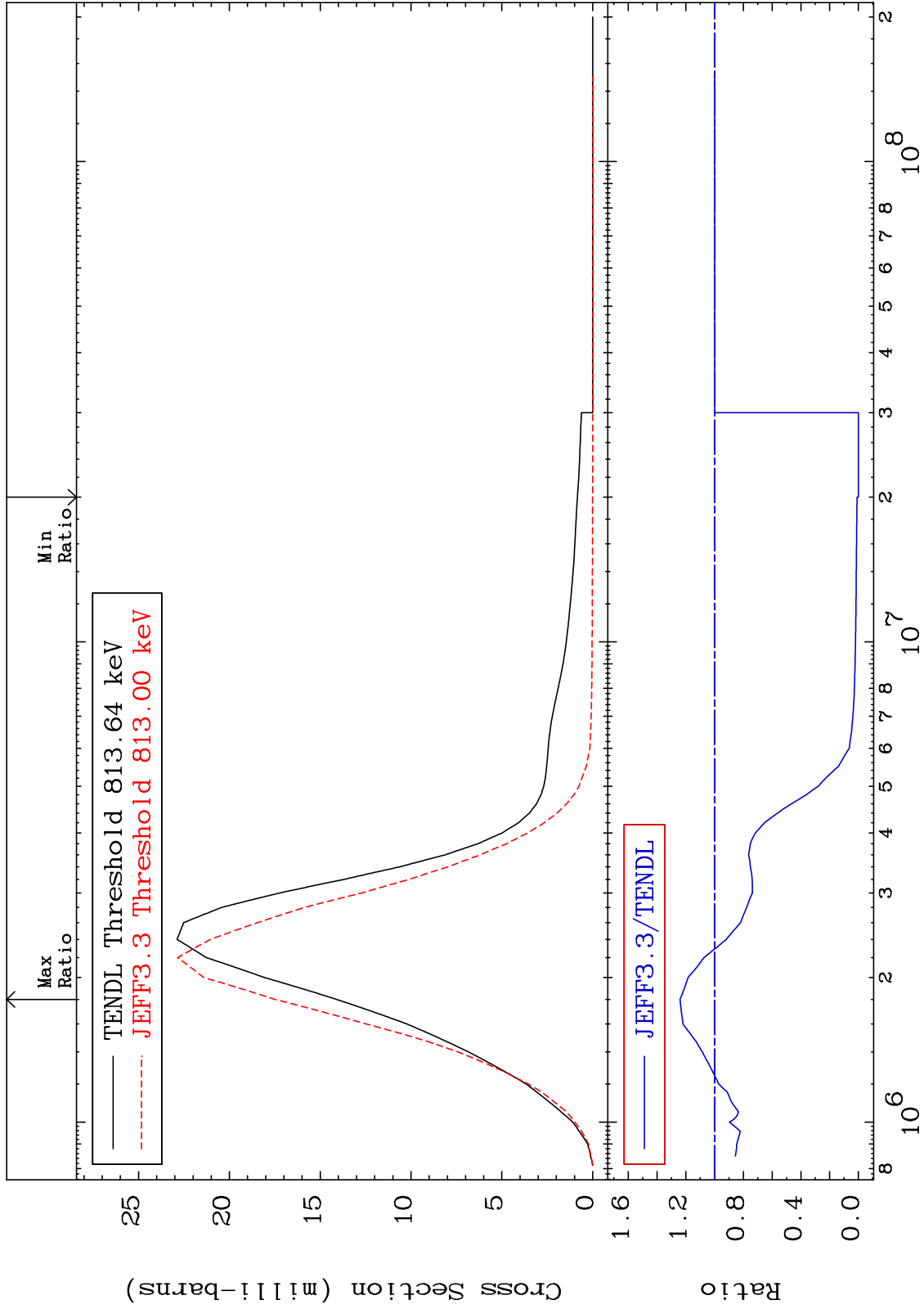
74-W -186  
-100.0 To 0.071 %



MAT 7443

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

74-W -186  
-100.0 To 24.06 %



14

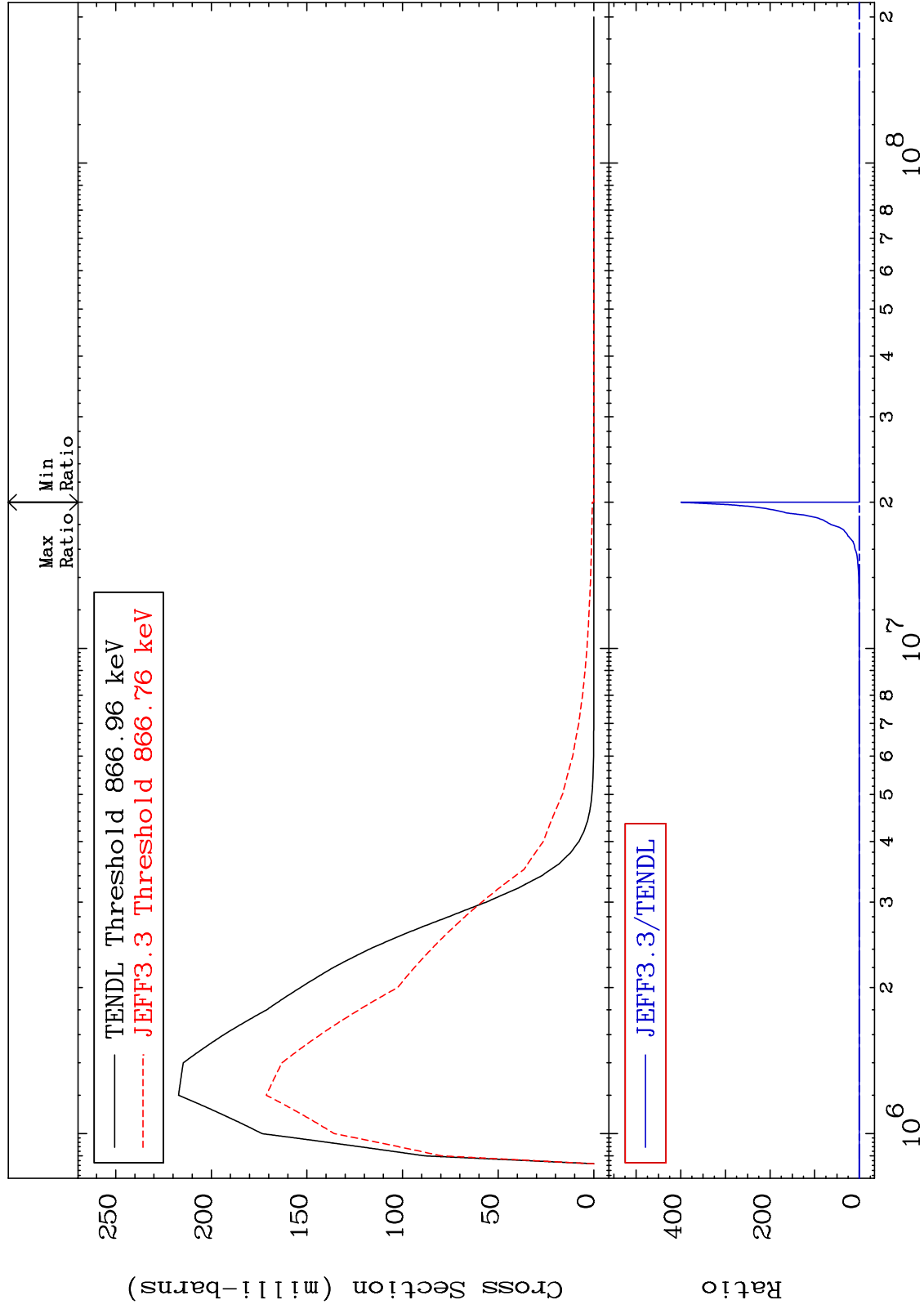
Incident Energy (eV)

74-W -186

MAT 7443

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

74-W -186  
-100.0 To 9999. %



15

Incident Energy (eV)

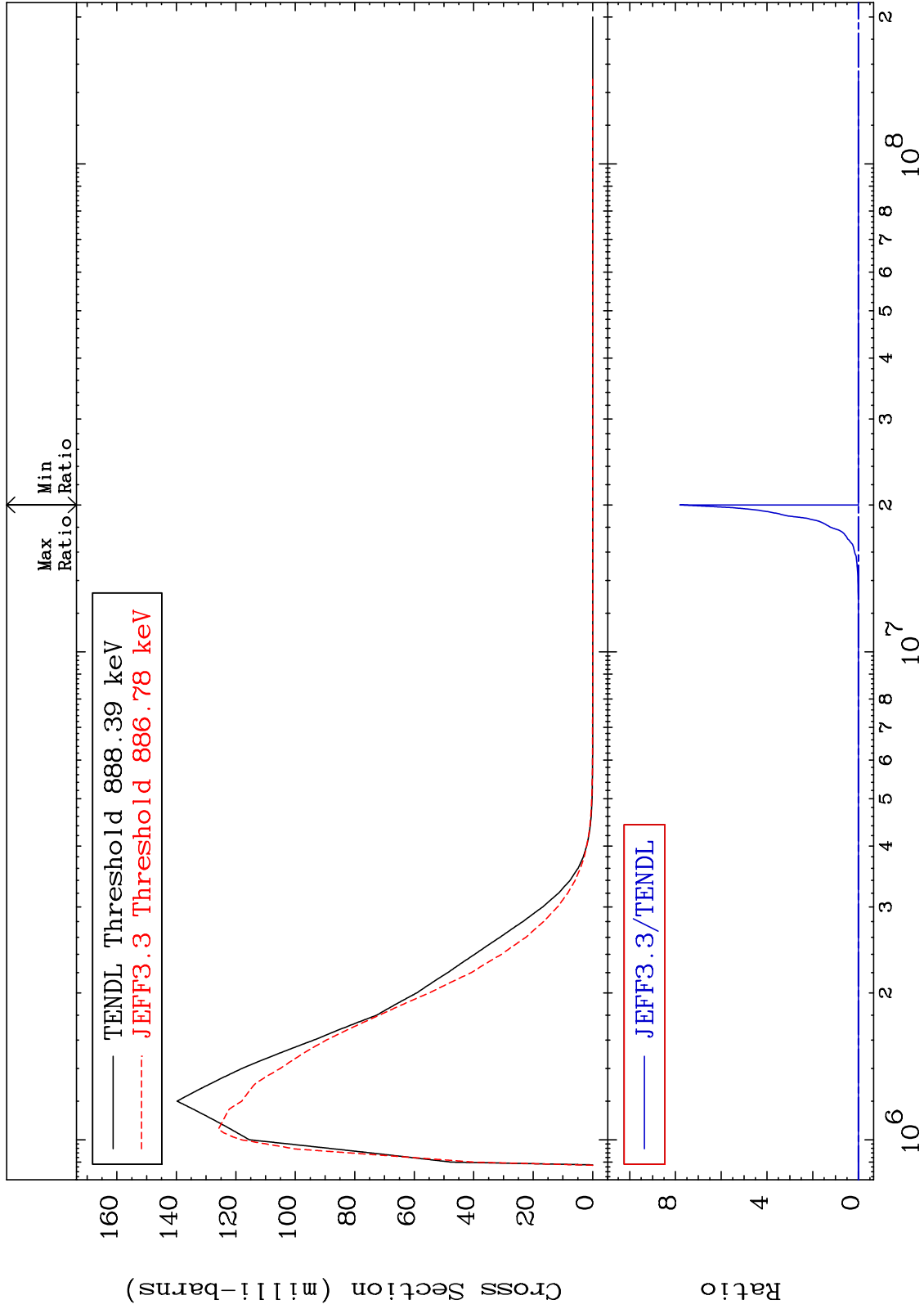
74-W -186



MAT 7443

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

74-W -186  
-100.0 To 9999. %



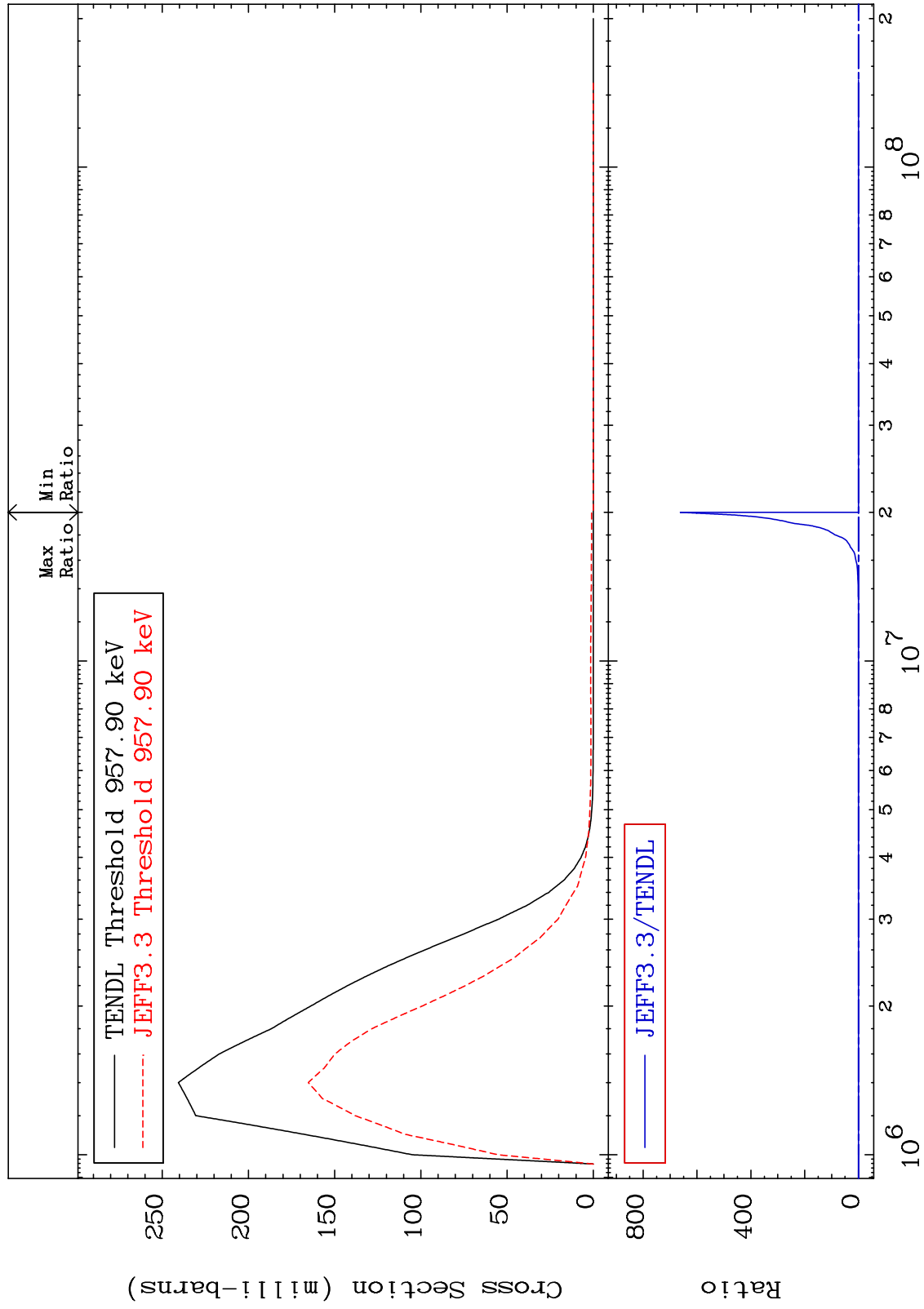
Incident Energy (eV)

74-W -186

MAT 7443

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

74-W -186  
-100.0 To 9999. %



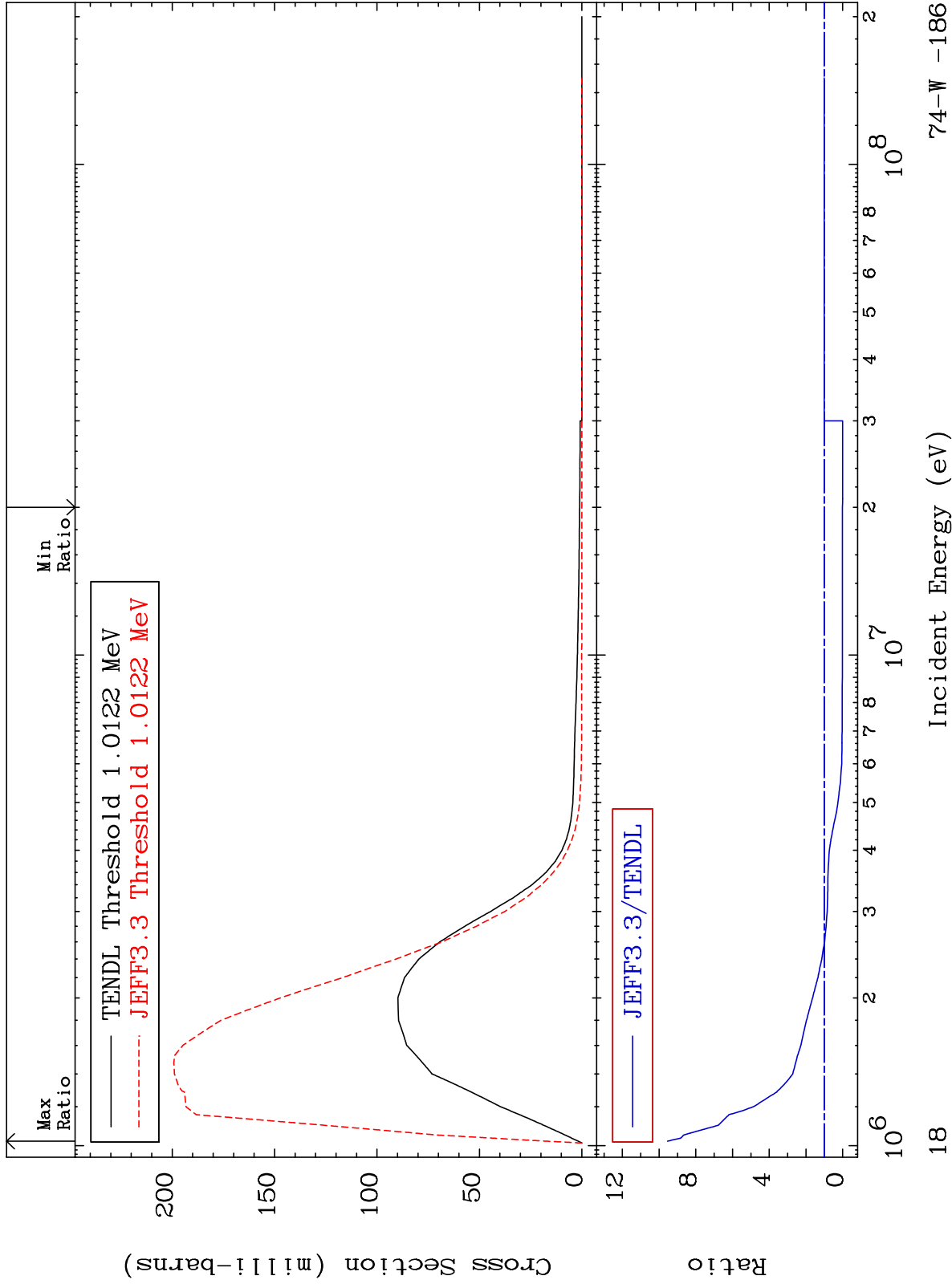
Incident Energy (eV)

74-W -186

MAT 7443

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

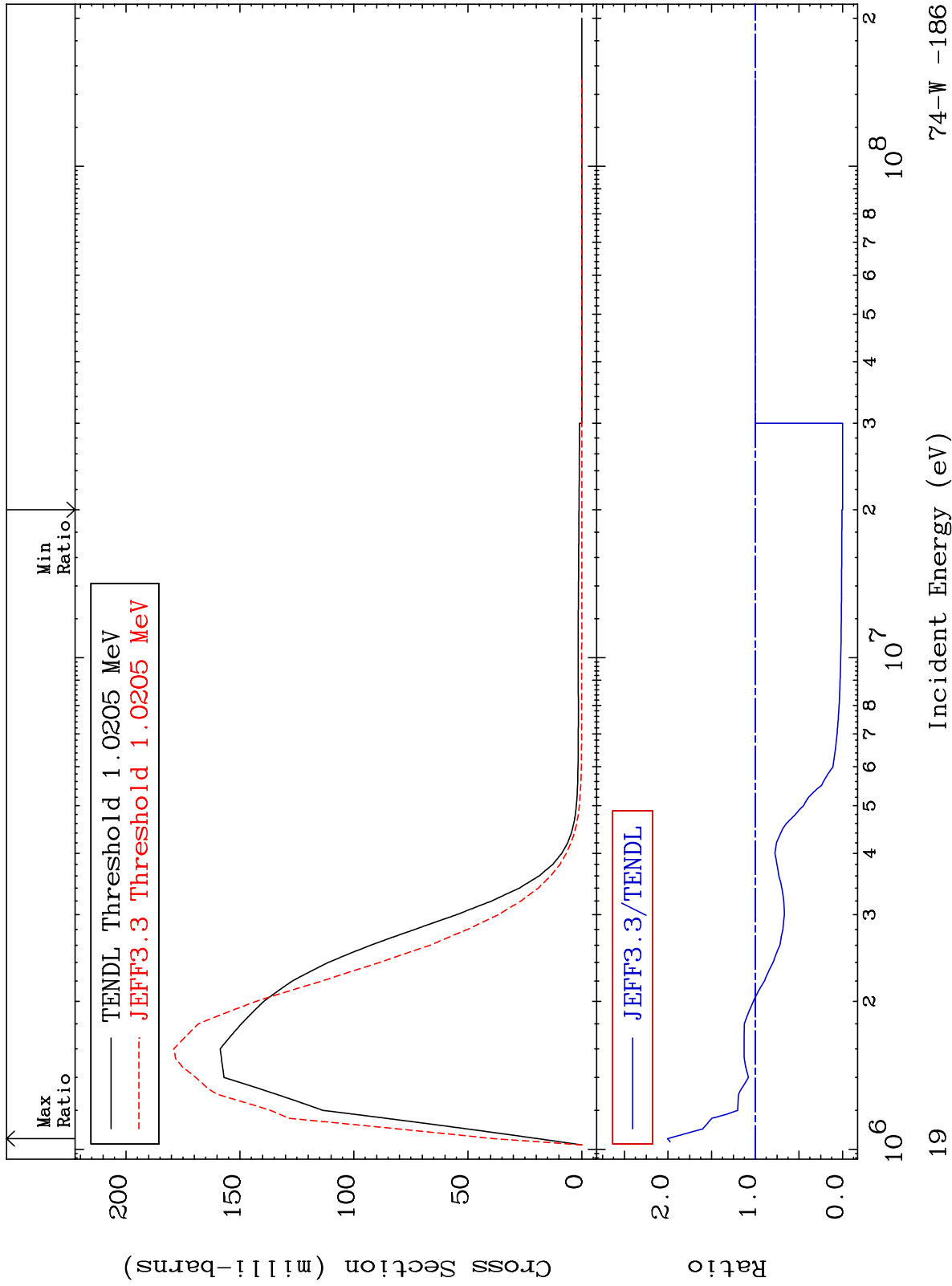
74-W -186  
-100.0 To 853.9 %



MAT 7443

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

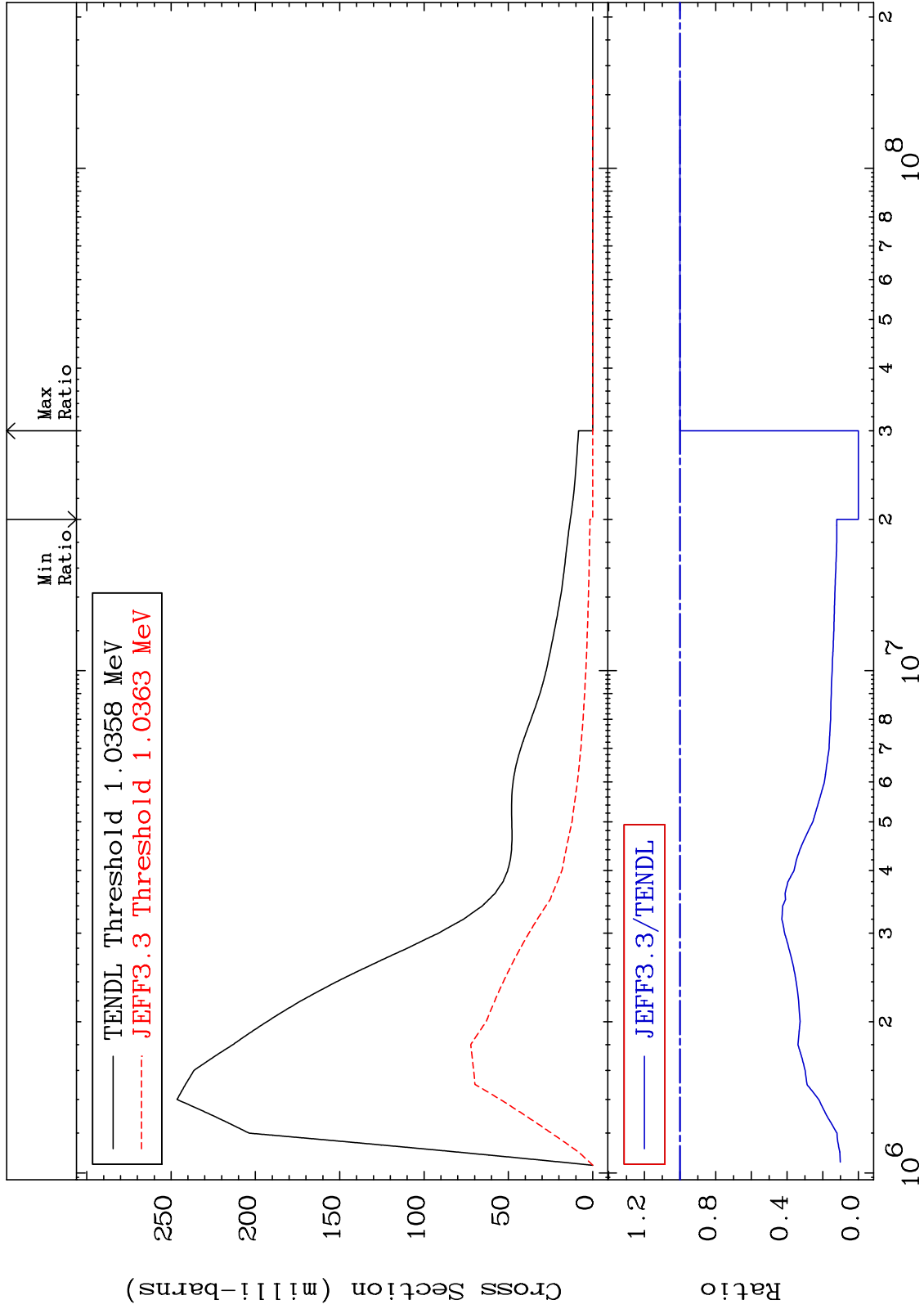
74-W -186  
-100.0 To 100.5 %



MAT 7443

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

74-W -186  
-100.0 To 0.000 %



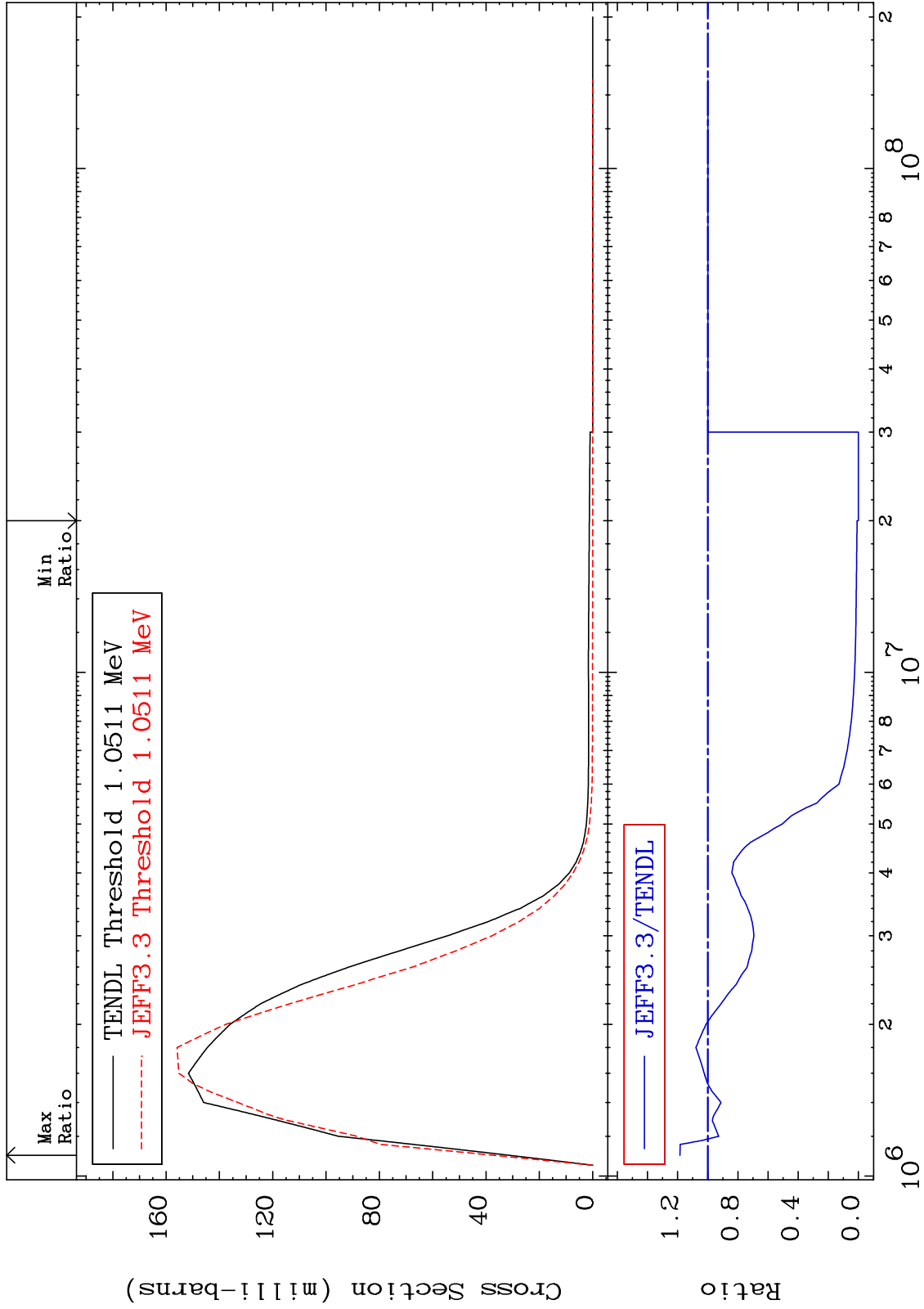
Incident Energy (eV)

74-W -186

MAT 7443

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

74-W -186  
-100.0 To 18.42 %



21

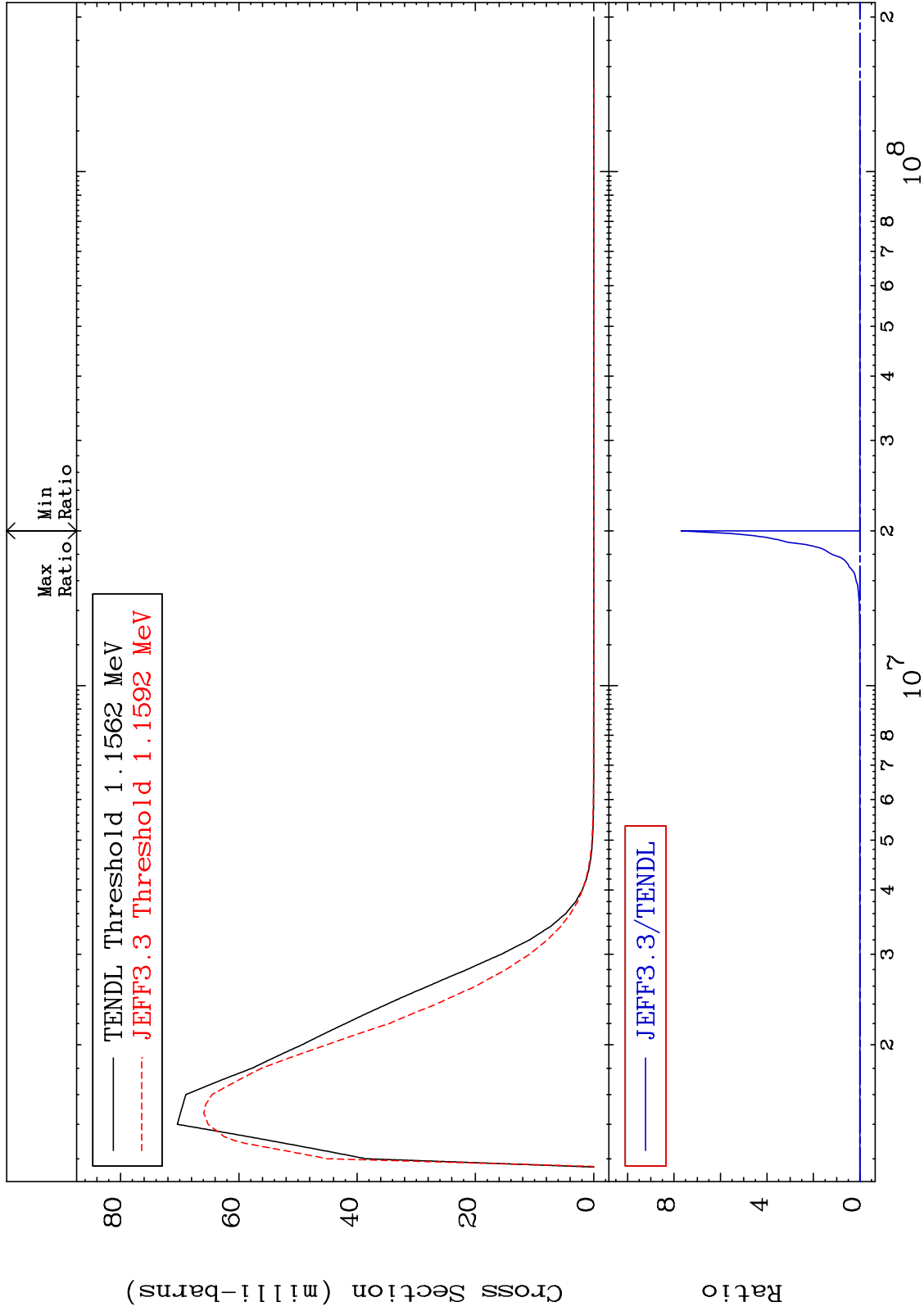
Incident Energy (eV)

74-W -186

MAT 7443

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

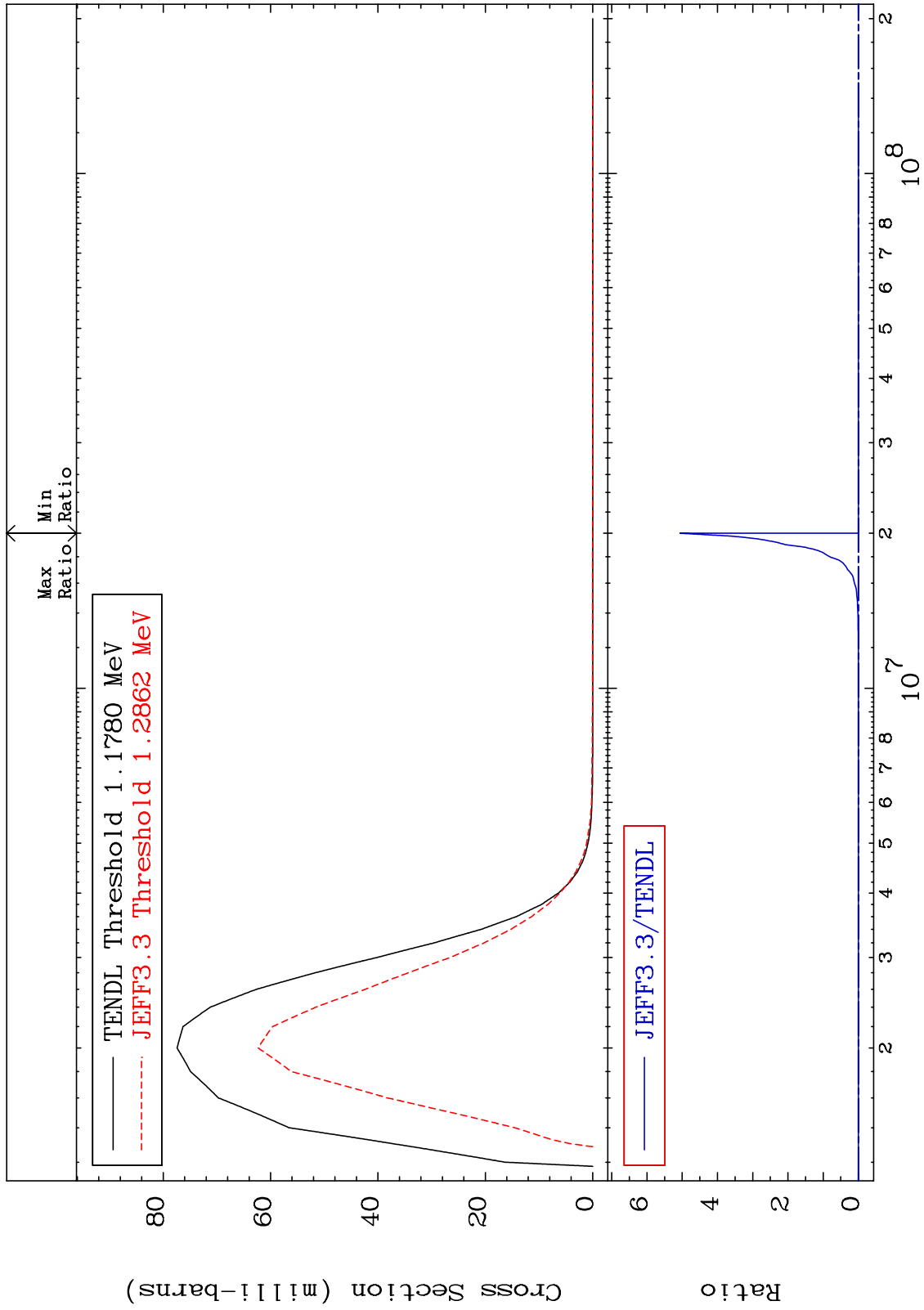
74-W -186  
-100.0 To 9999. %



MAT 7443

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

74-W -186  
-100.0 To 9999. %

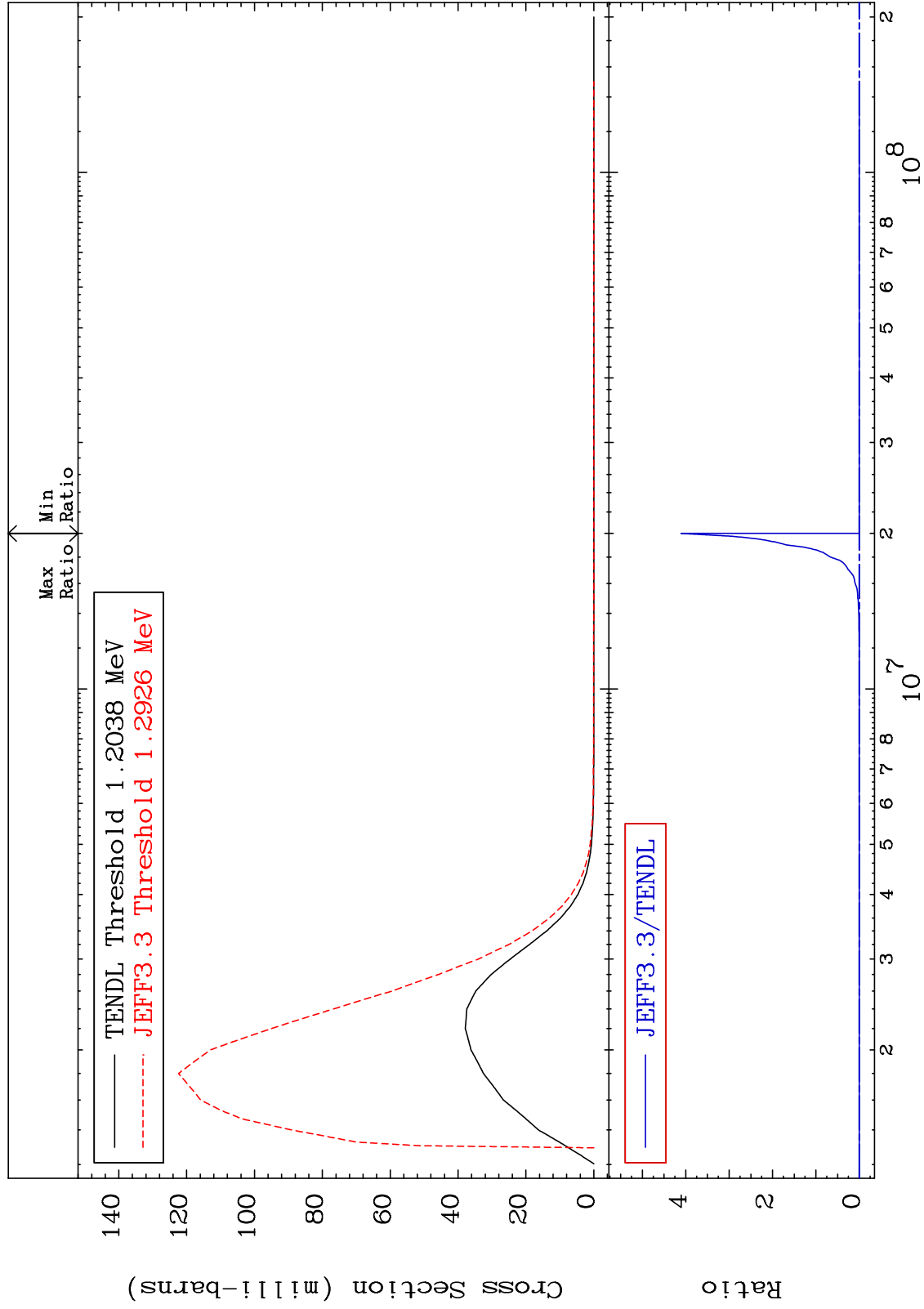




MAT 7443

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

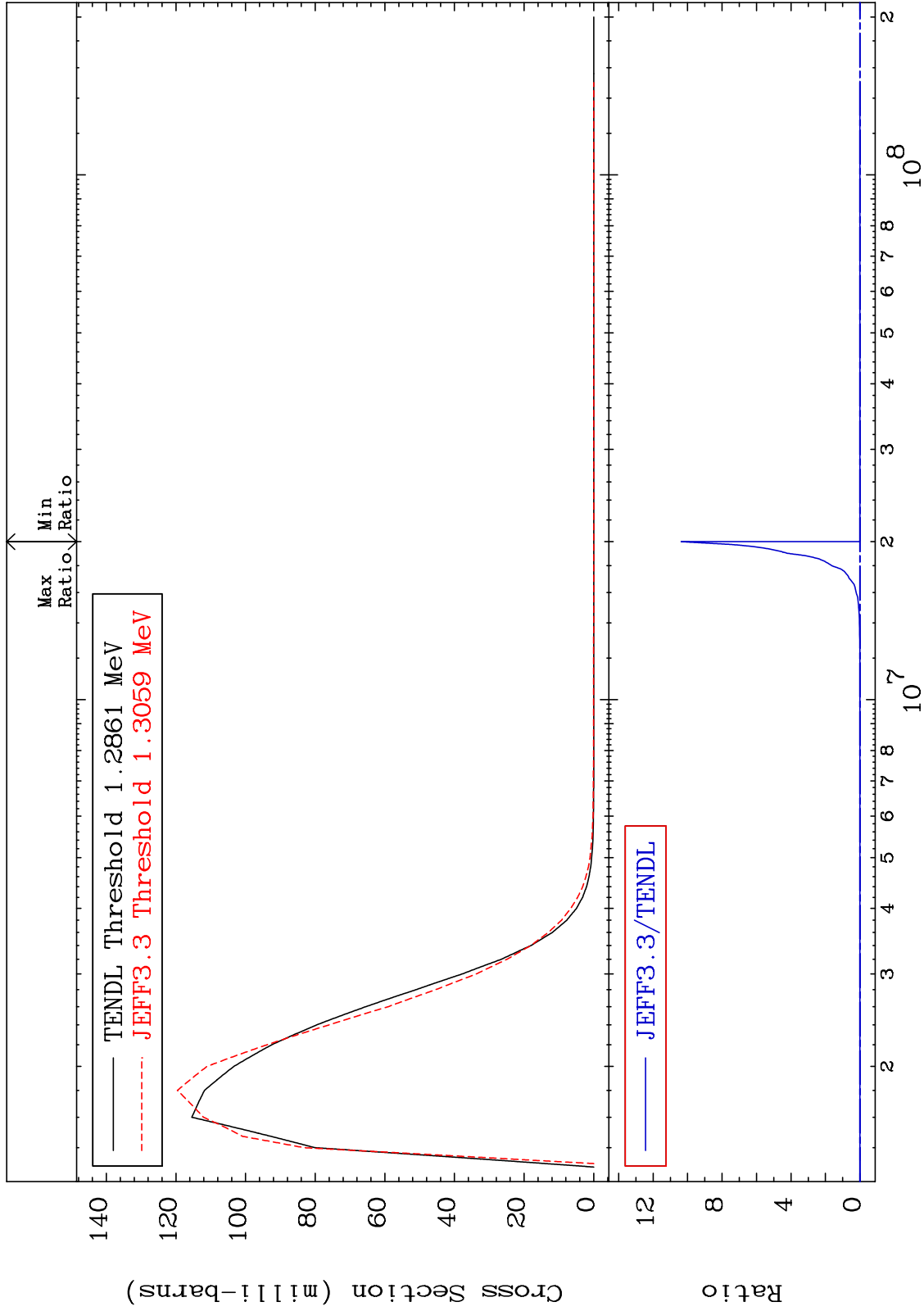
74-W -186  
-100.0 To 9999. %



MAT 7443

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

74-W -186  
-100.0 To 9999. %



25

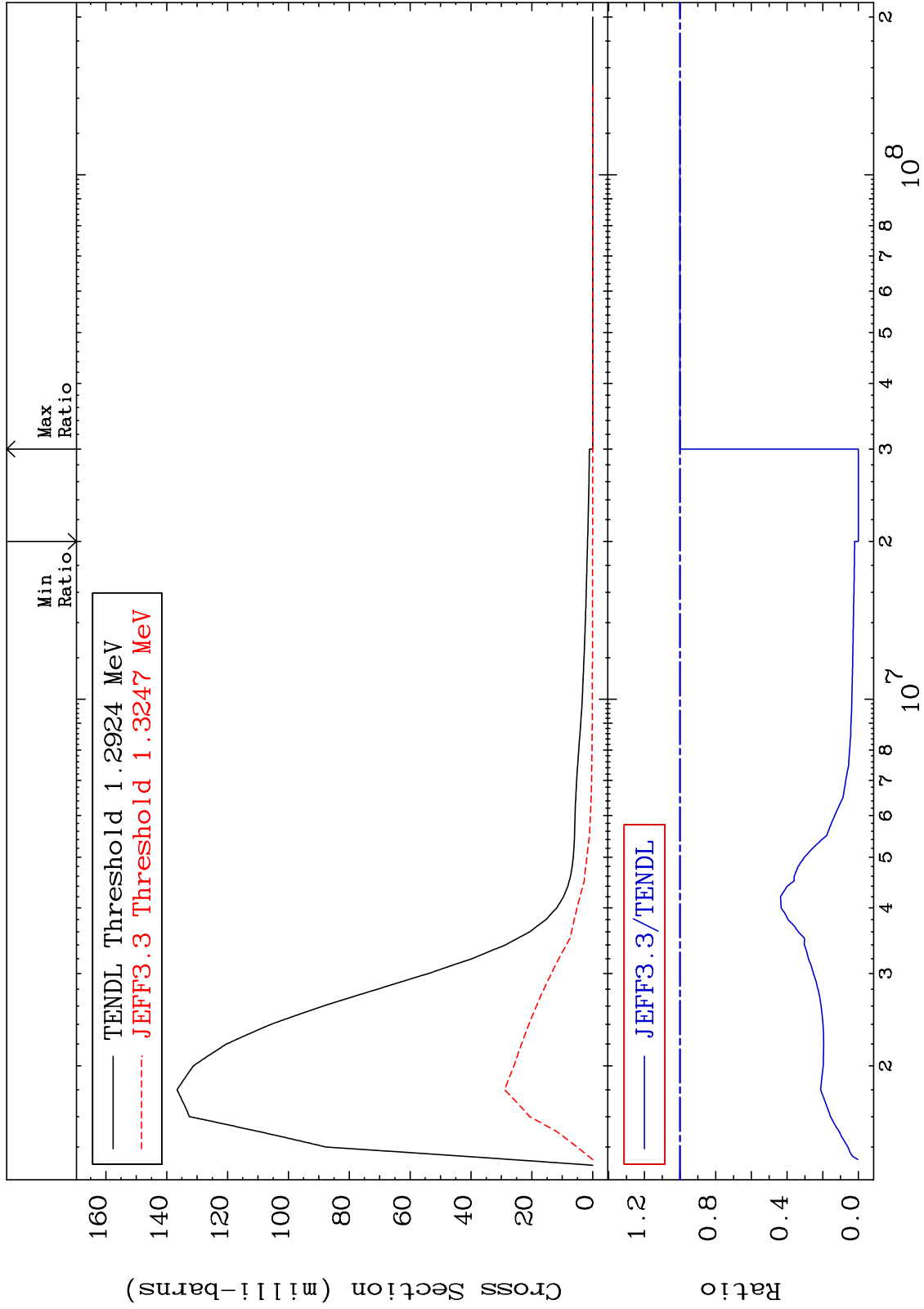
Incident Energy (eV)

74-W -186

MAT 7443

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

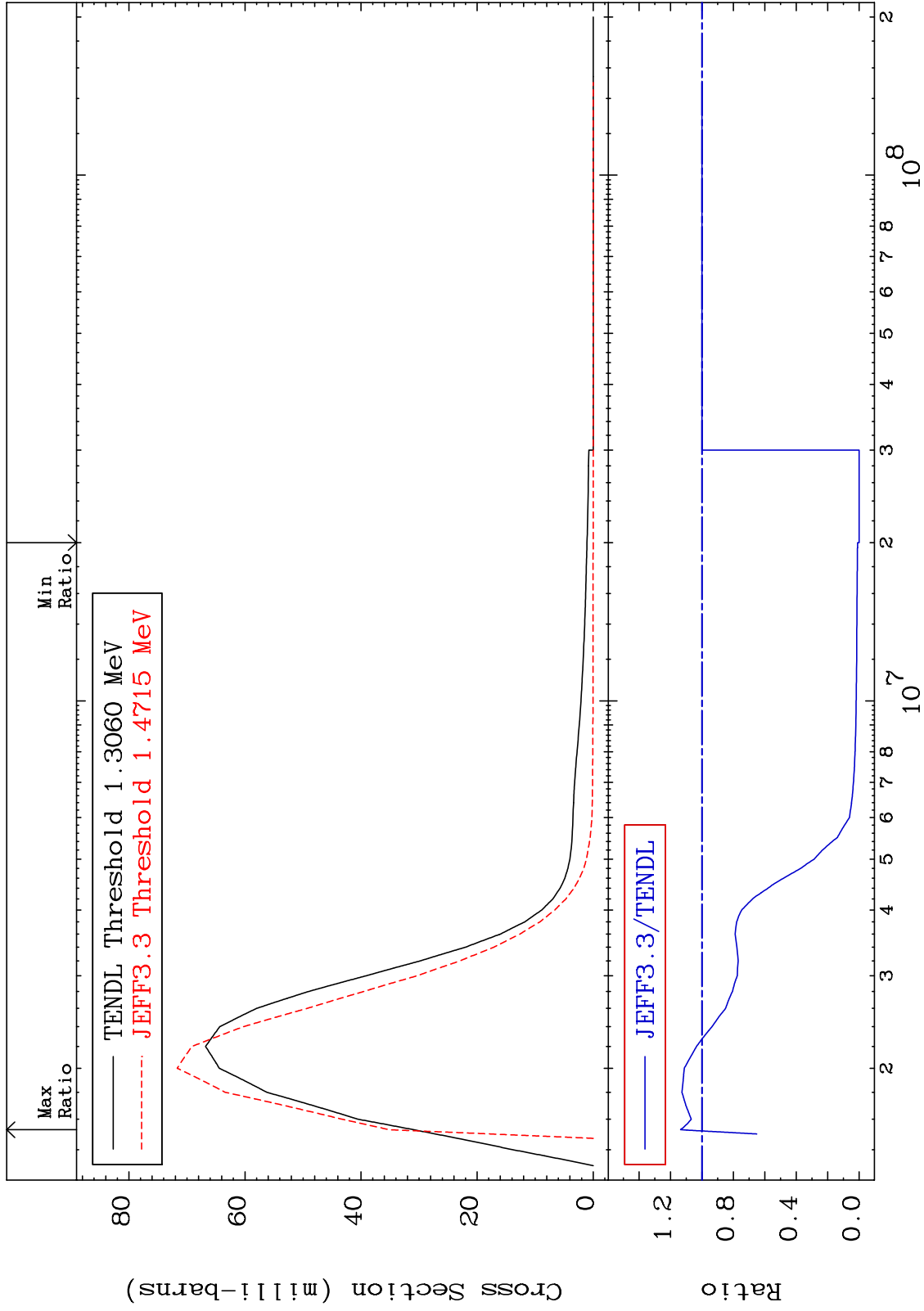
74-W -186  
-100.0 To 0.000 %



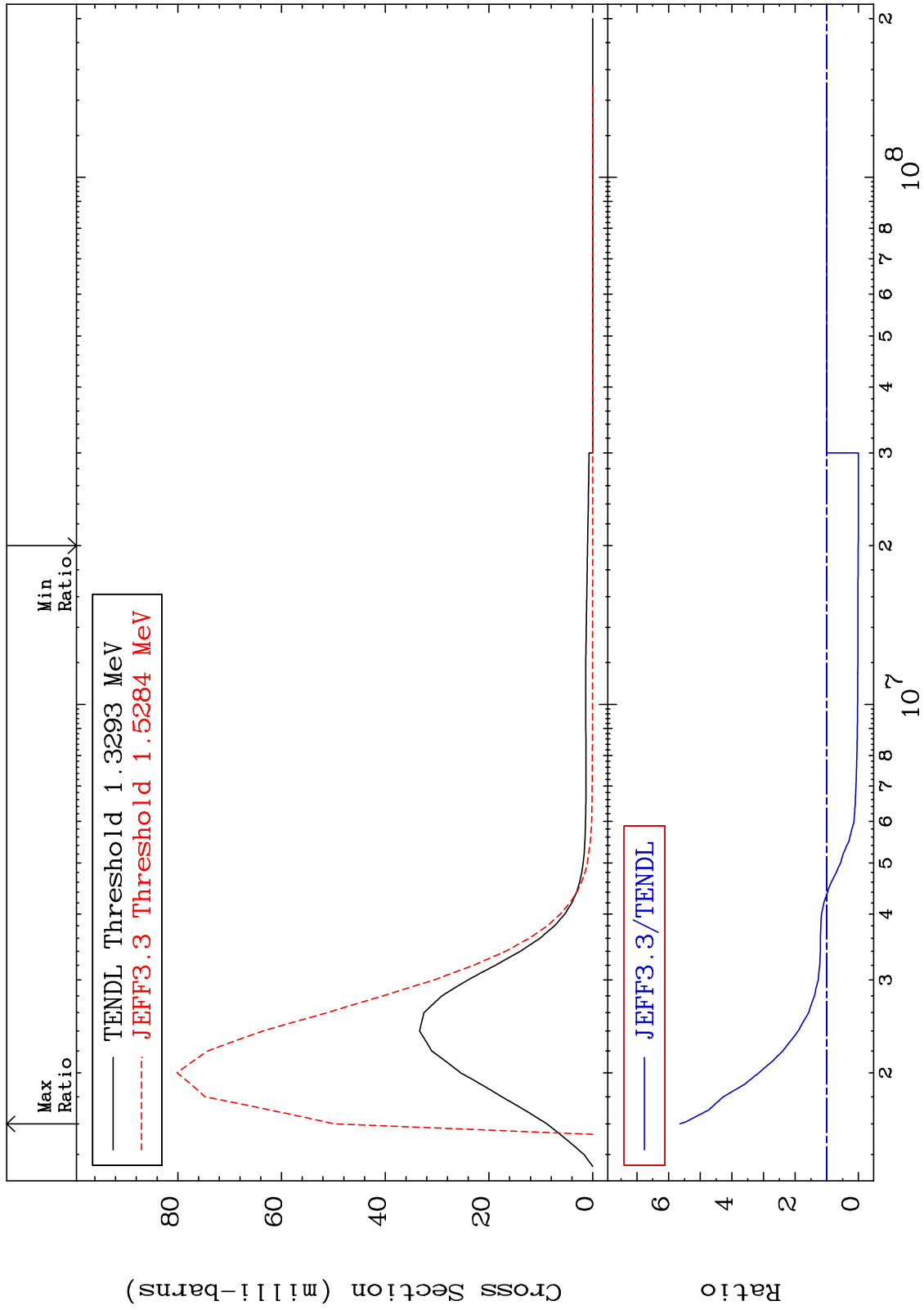
MAT 7443

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

74-W -186  
-100.0 To 13.58 %



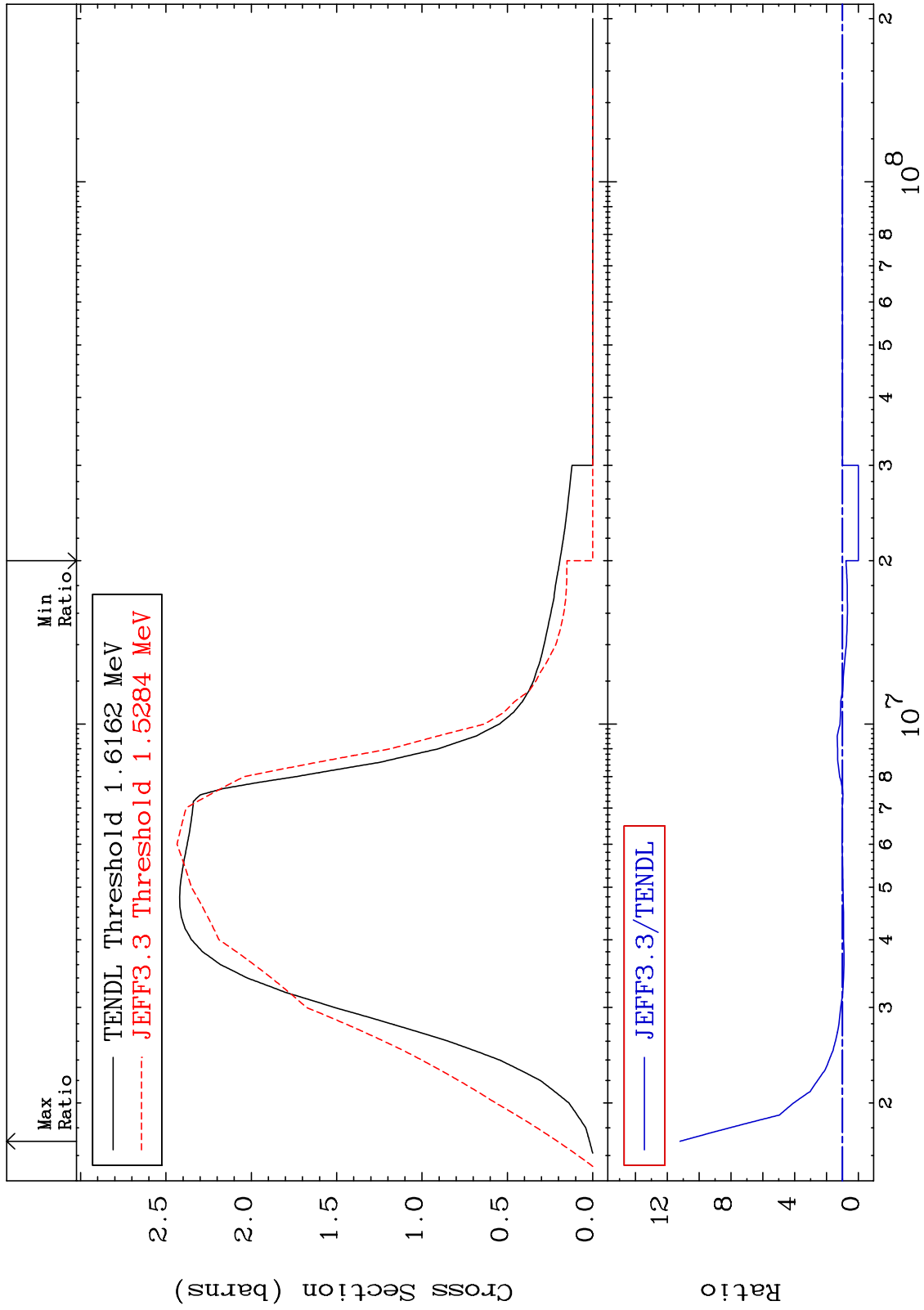
MAT 7443 MT= 68 (n,n') Level Cross Section -100.0 To 463.9 % 74-W -186



MAT 7443

(n, n') Continuum  
Cross Section

74-W -186  
-100.0 To 1020. %

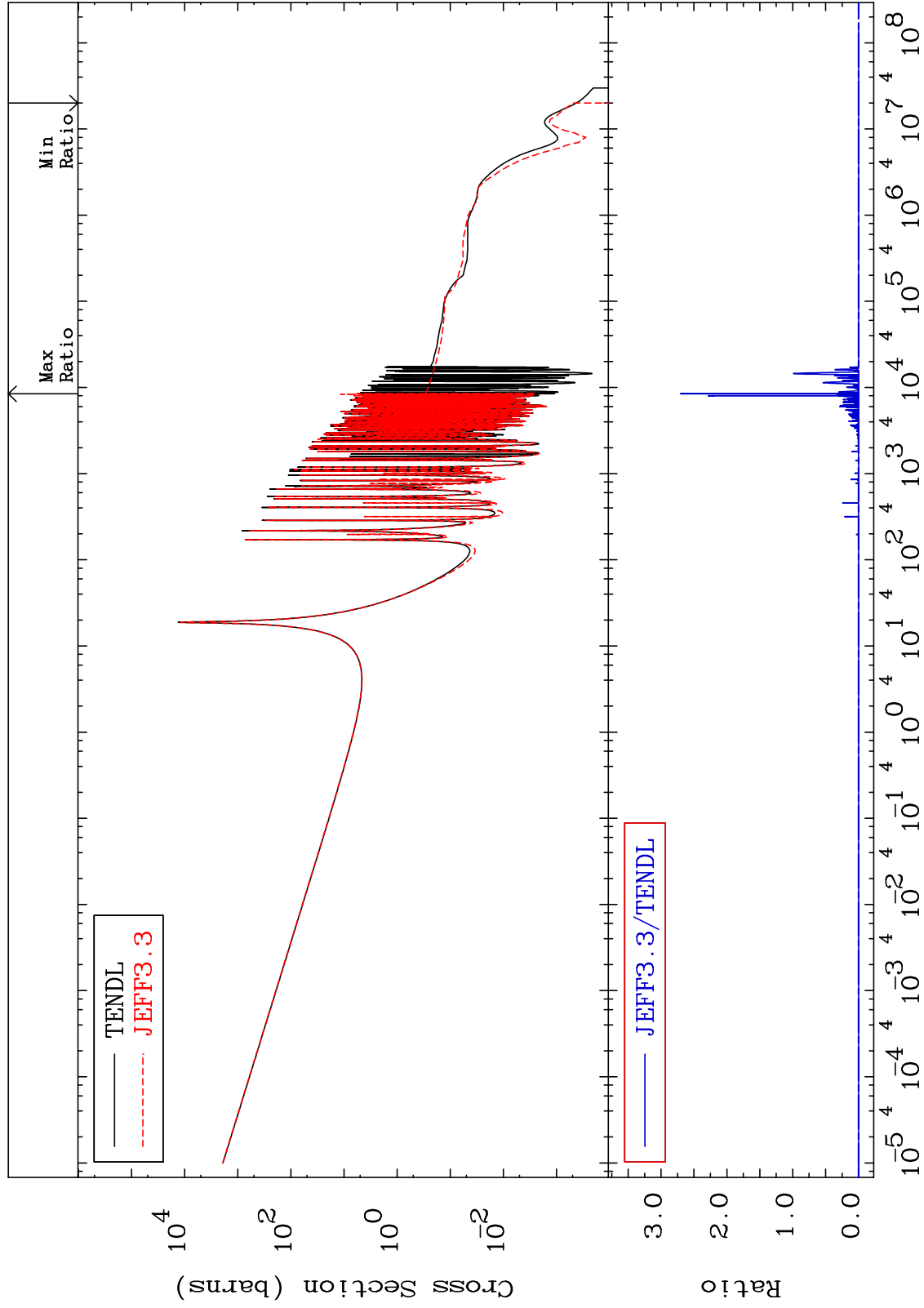


MAT 7443

74-W -186

(n,  $\gamma$ )  
Cross Section

-100.0 To 9999. %



30

Incident Energy (eV)

74-W -186

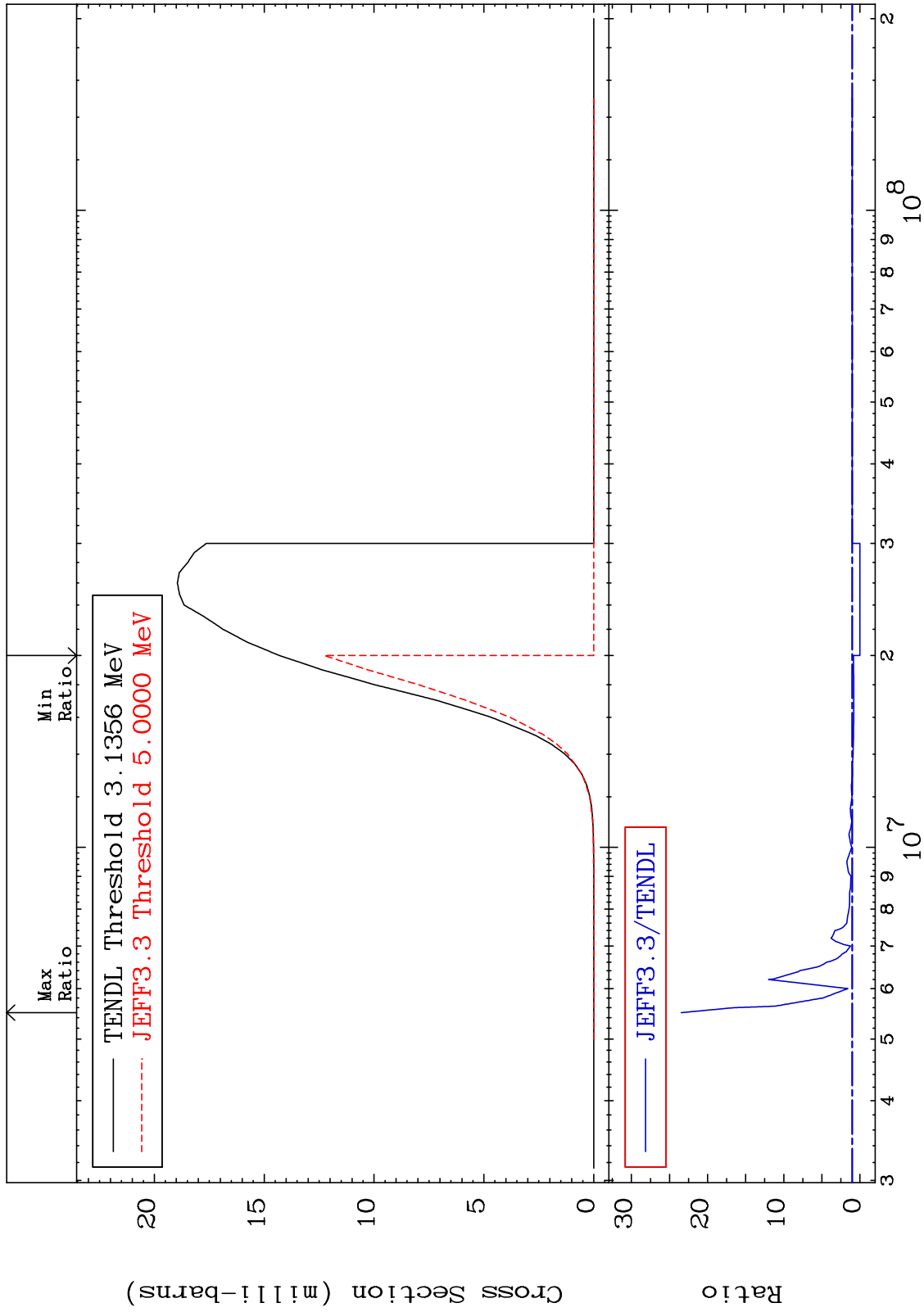
MAT 7443

(n, p)

74-W -186

Cross Section

-100.0 To 2246. %



Incident Energy (eV)

74-W -186

31



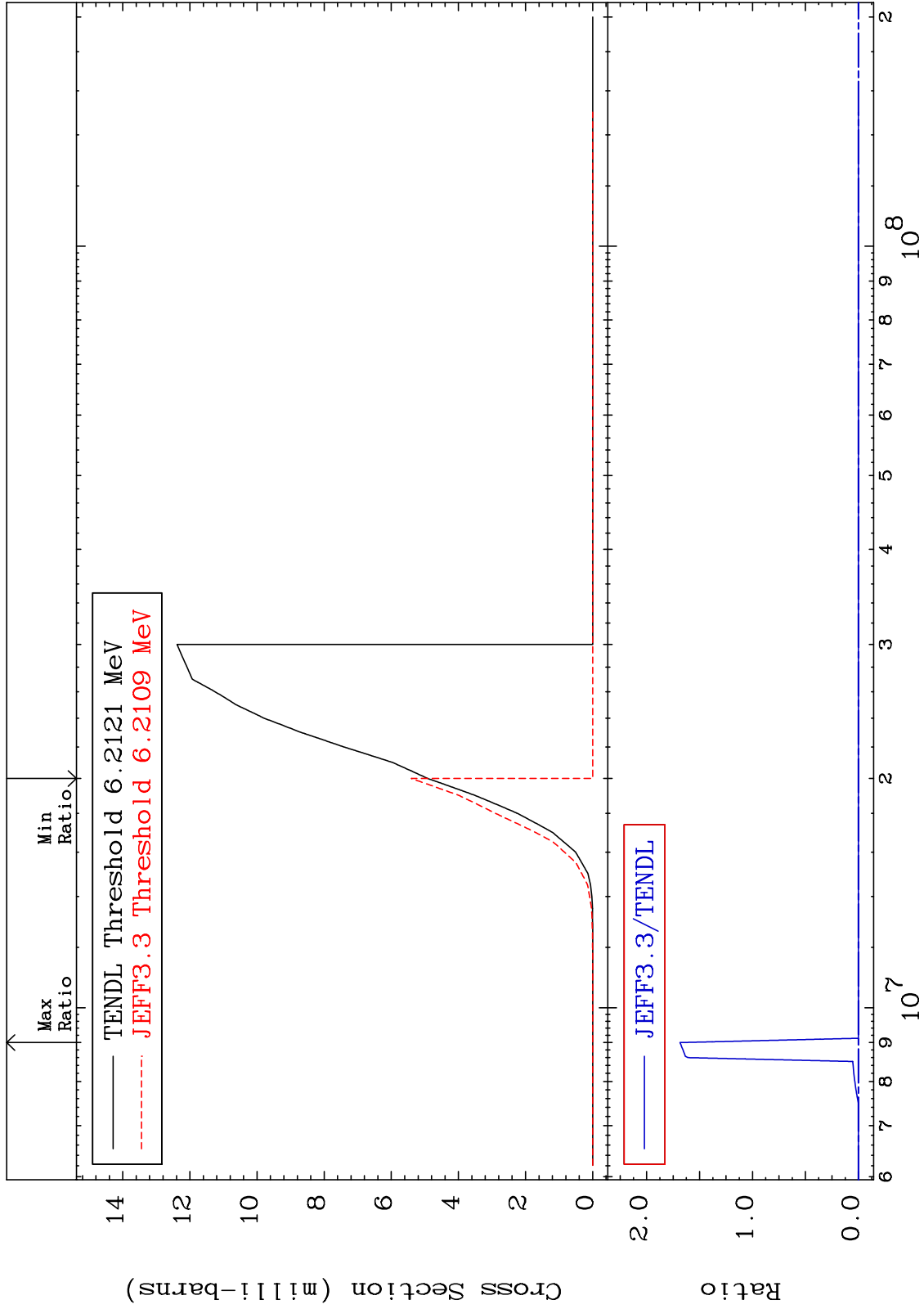
MAT 7443

(n, d)

74-W -186

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

74-W -186

32

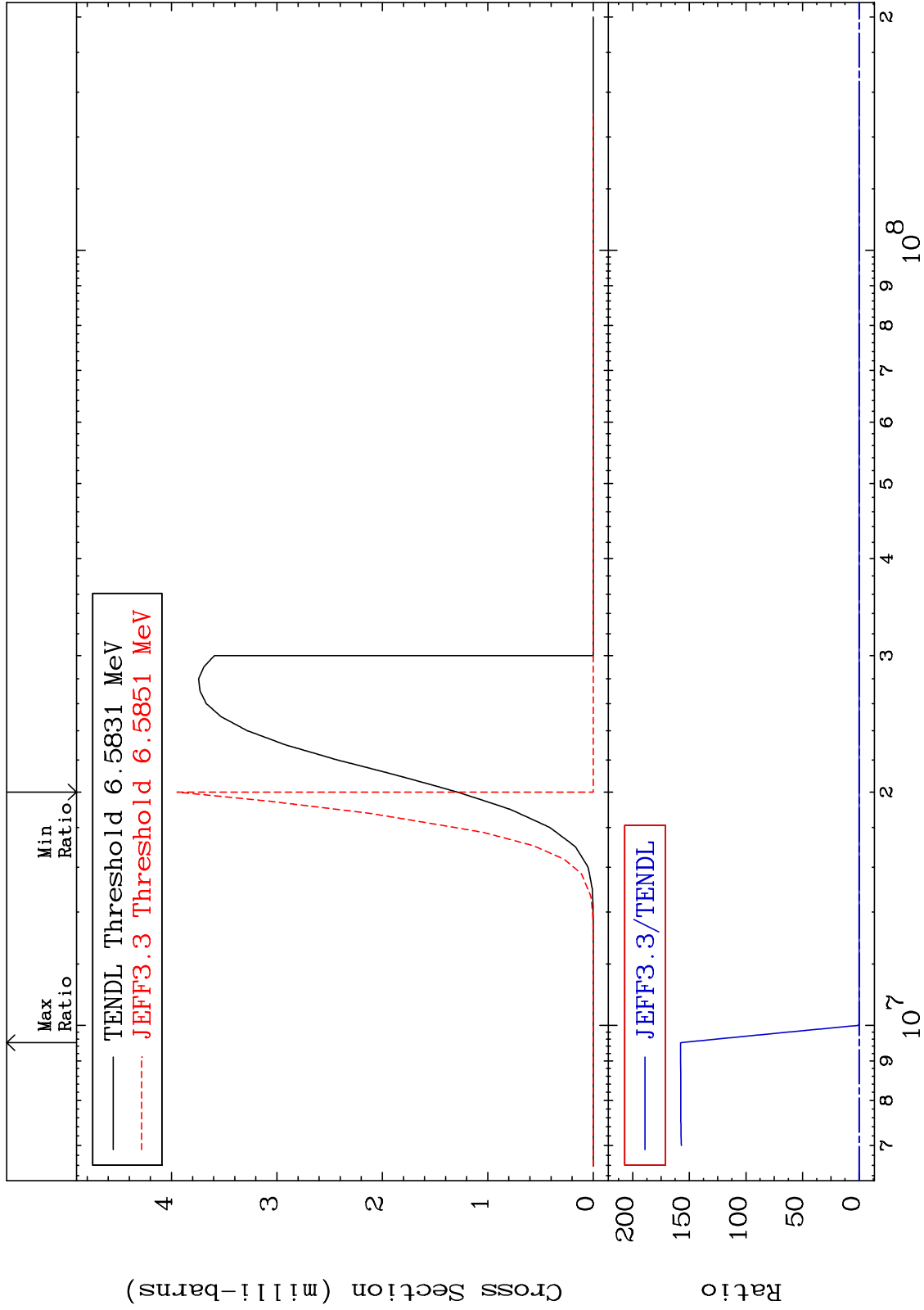
MAT 7443

(n, t)

74-W -186

Cross Section

-100.0 To 9999. %



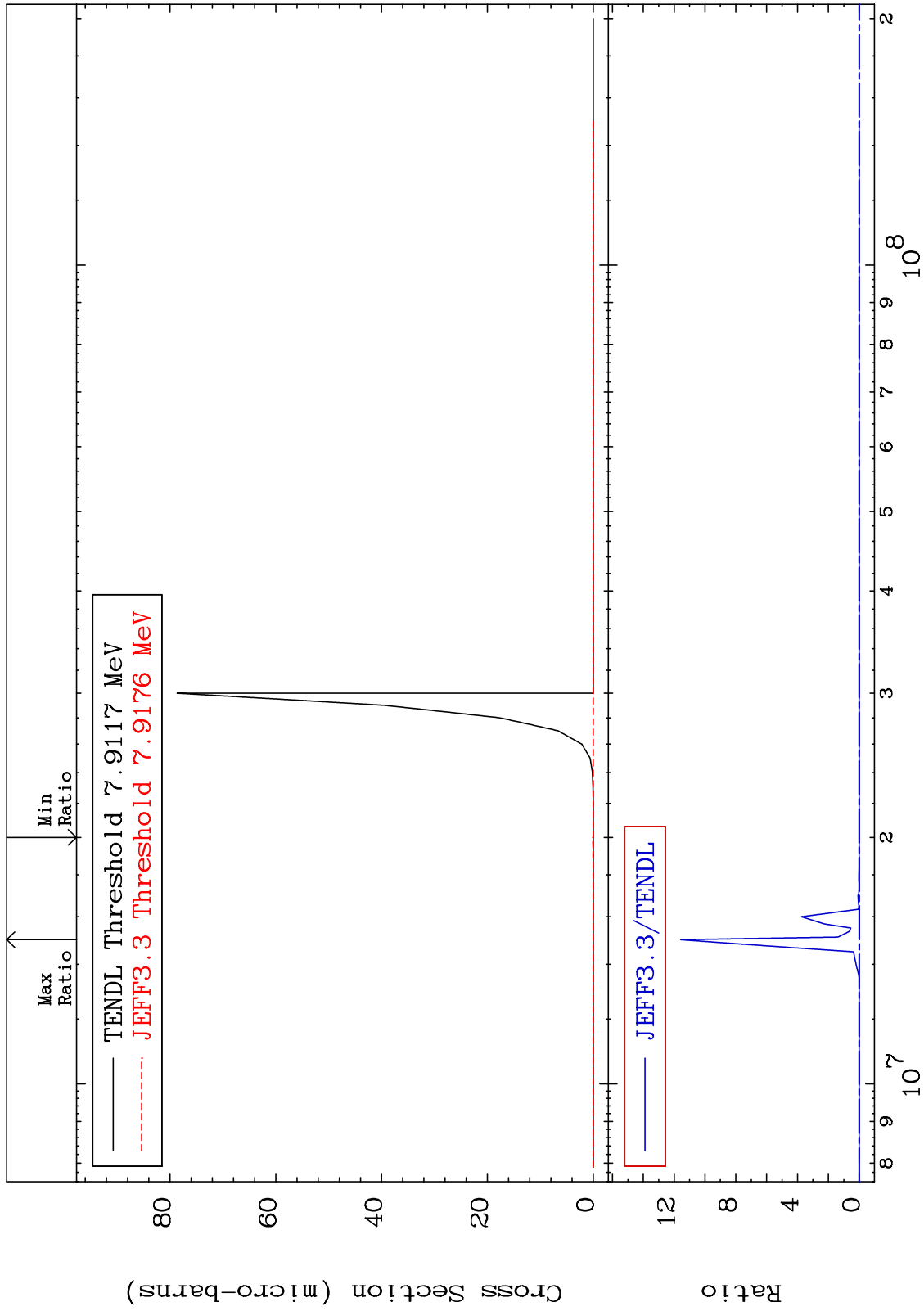
MAT 7443

(n, He-3)

74-W -186

Cross Section

-100.0 To 9999. %



34

Incident Energy (eV)

74-W -186

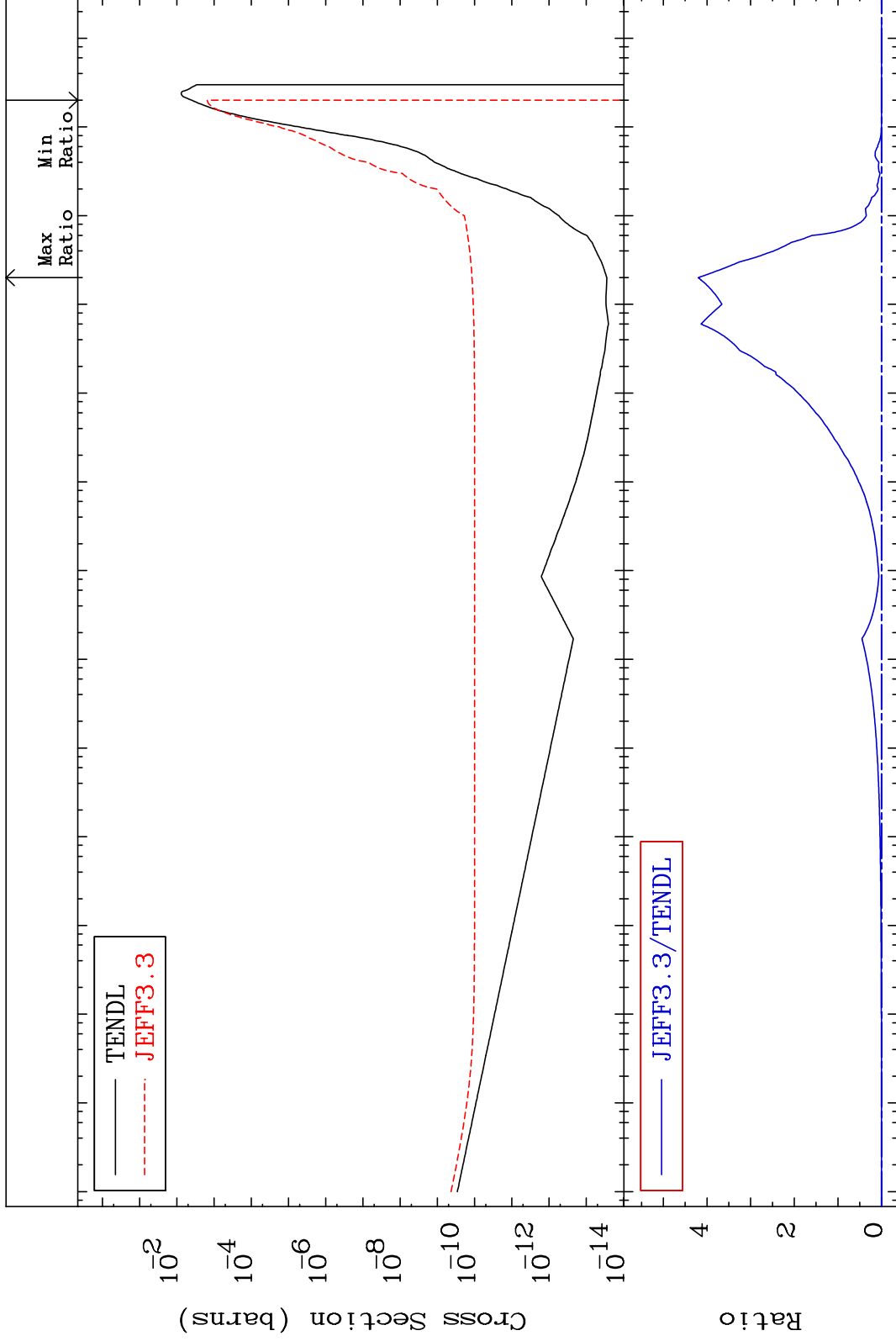
MAT 7443

(n,  $\alpha$ )

74-W -186

Cross Section

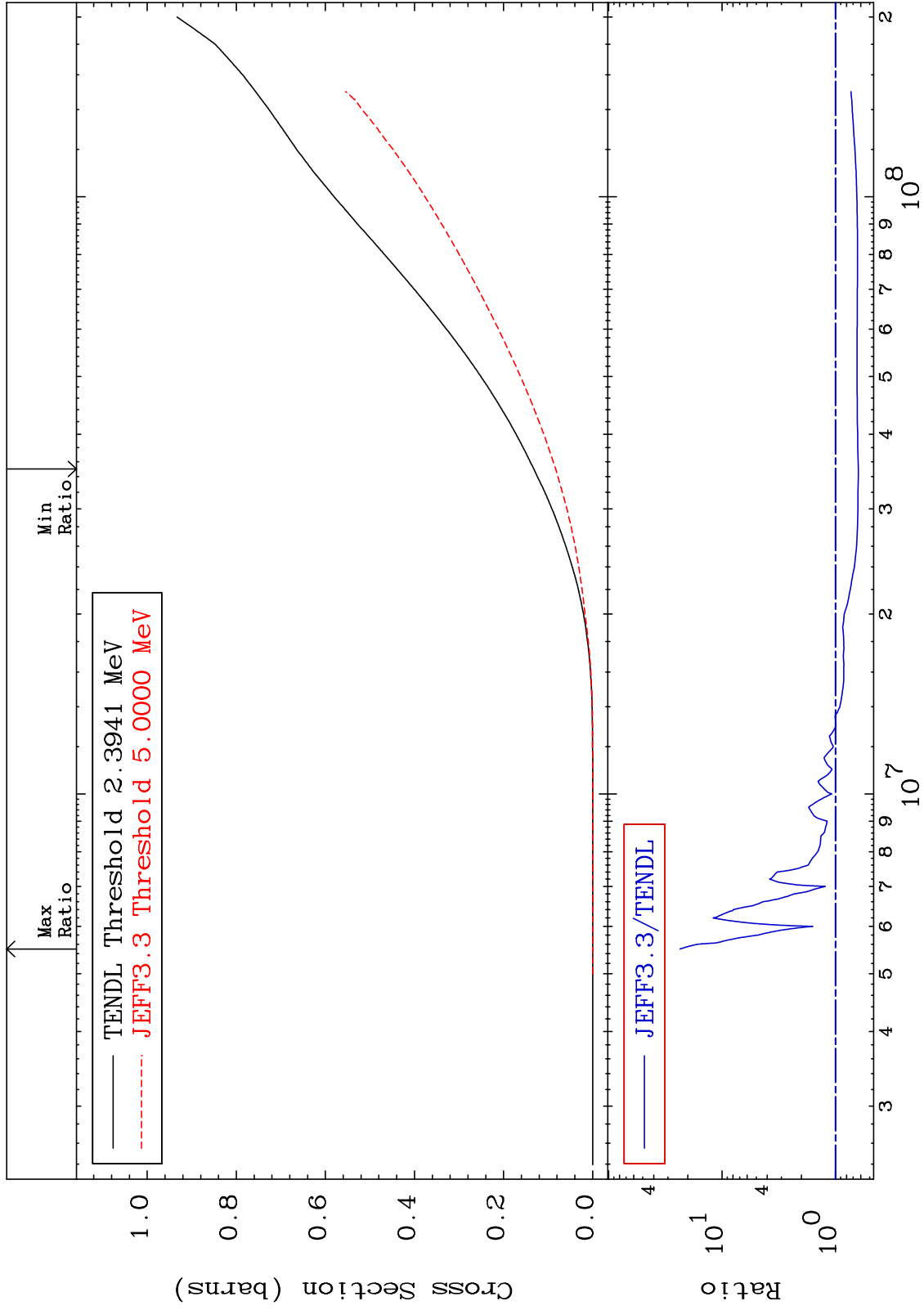
-100.0 To 9999. %



Incident Energy (eV)

35

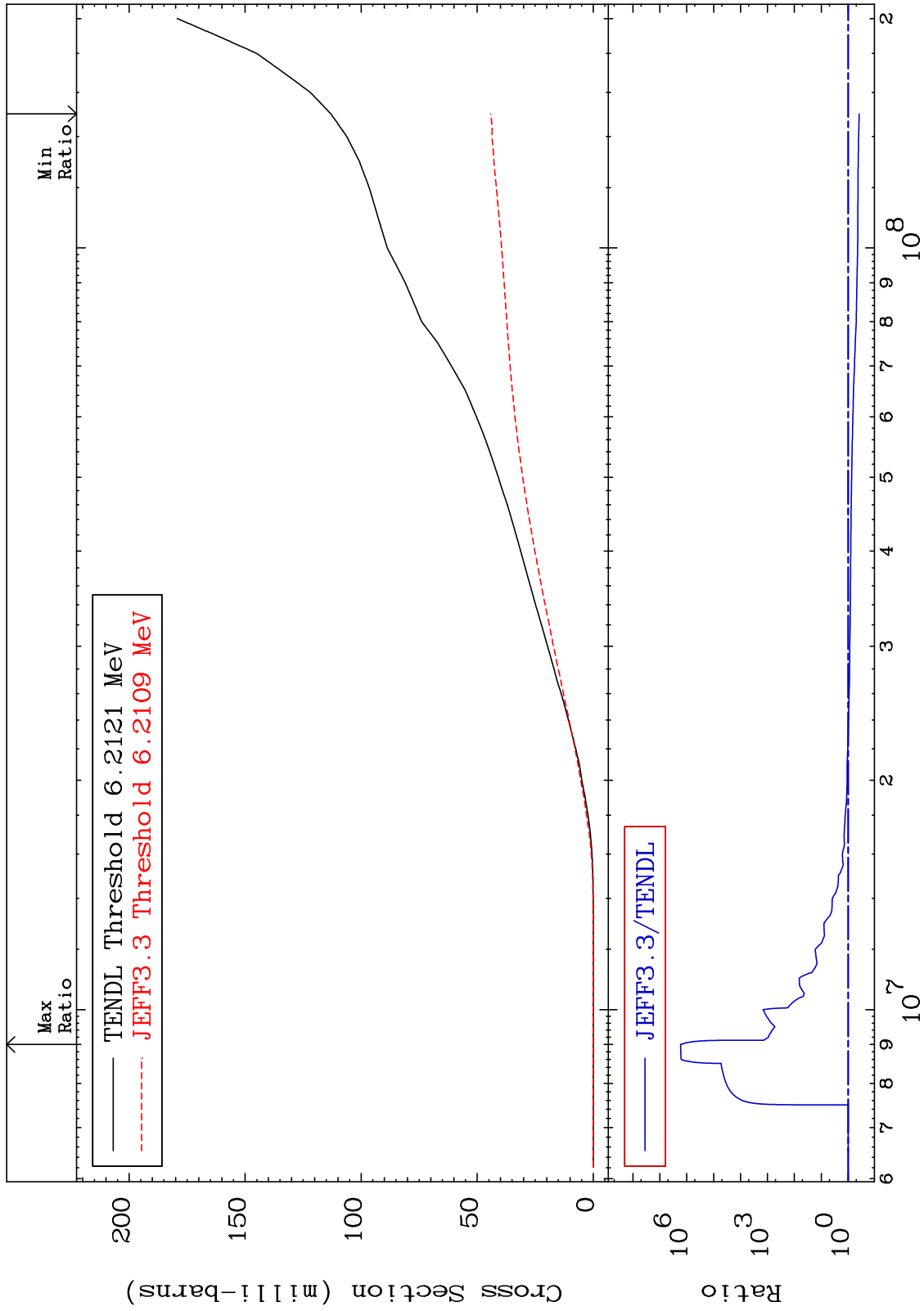
74-W -186



MAT 7443

Deuterium Production  
Cross Section

74-W -186  
-60.93 To 9999. %



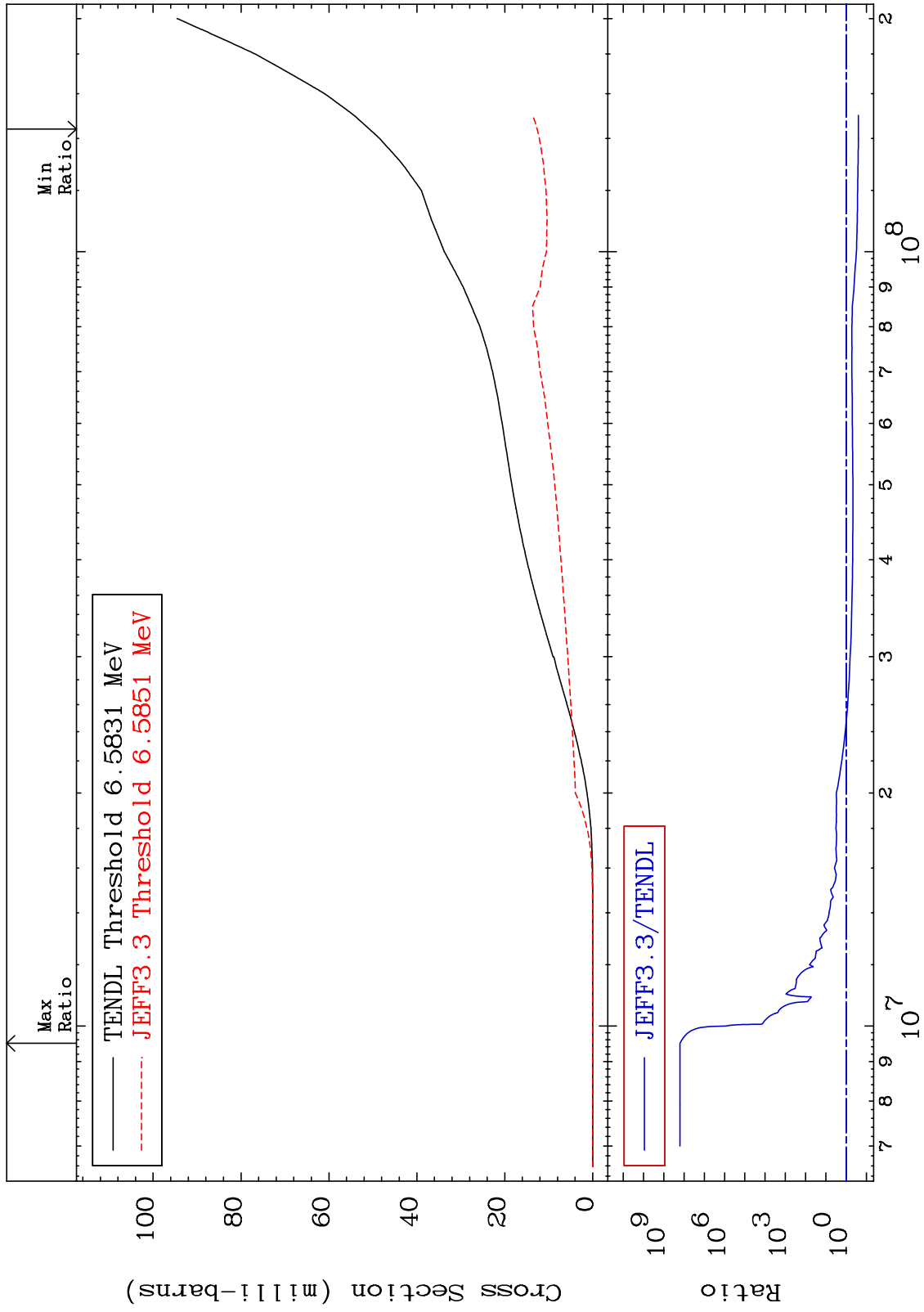
74-W -186

Incident Energy (eV)

MAT 7443

Tritium Production  
Cross Section

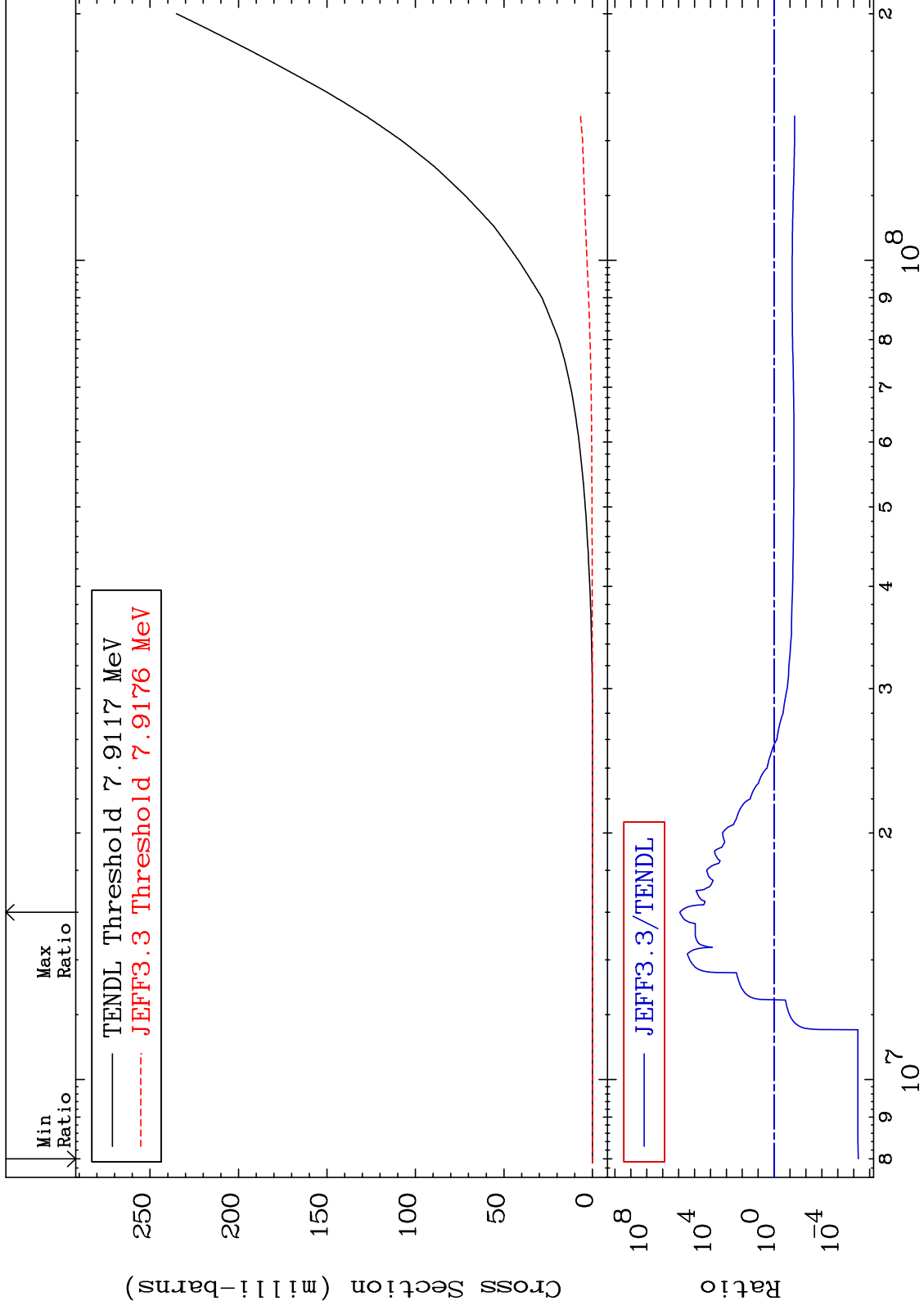
74-W -186  
-75.10 To 9999. %



MAT 7443

He-3 Production  
Cross Section

74-W -186  
-100.0 To 9999. %



39

Incident Energy (eV)

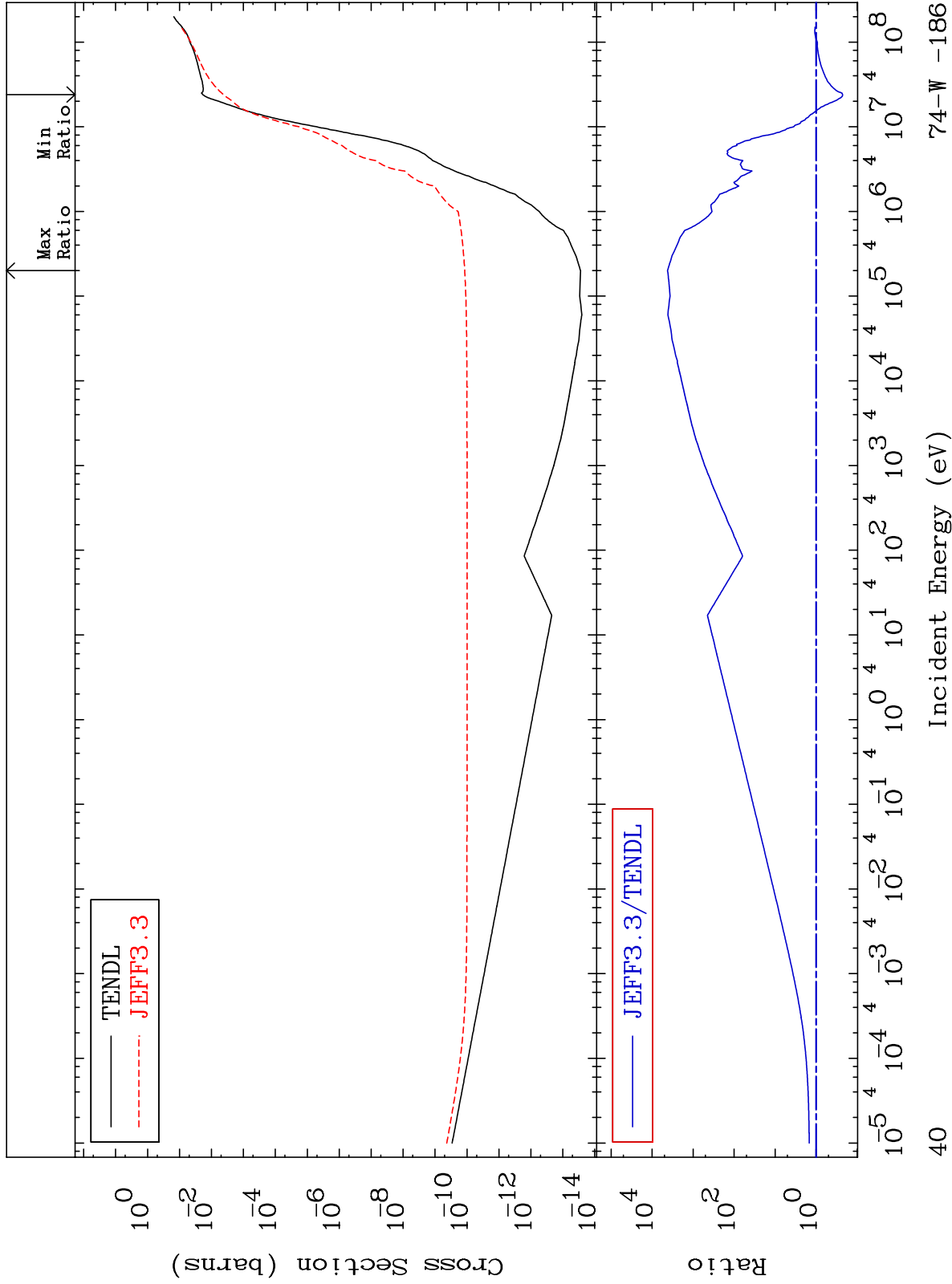
74-W -186



MAT 7443

He-4 Production  
Cross Section

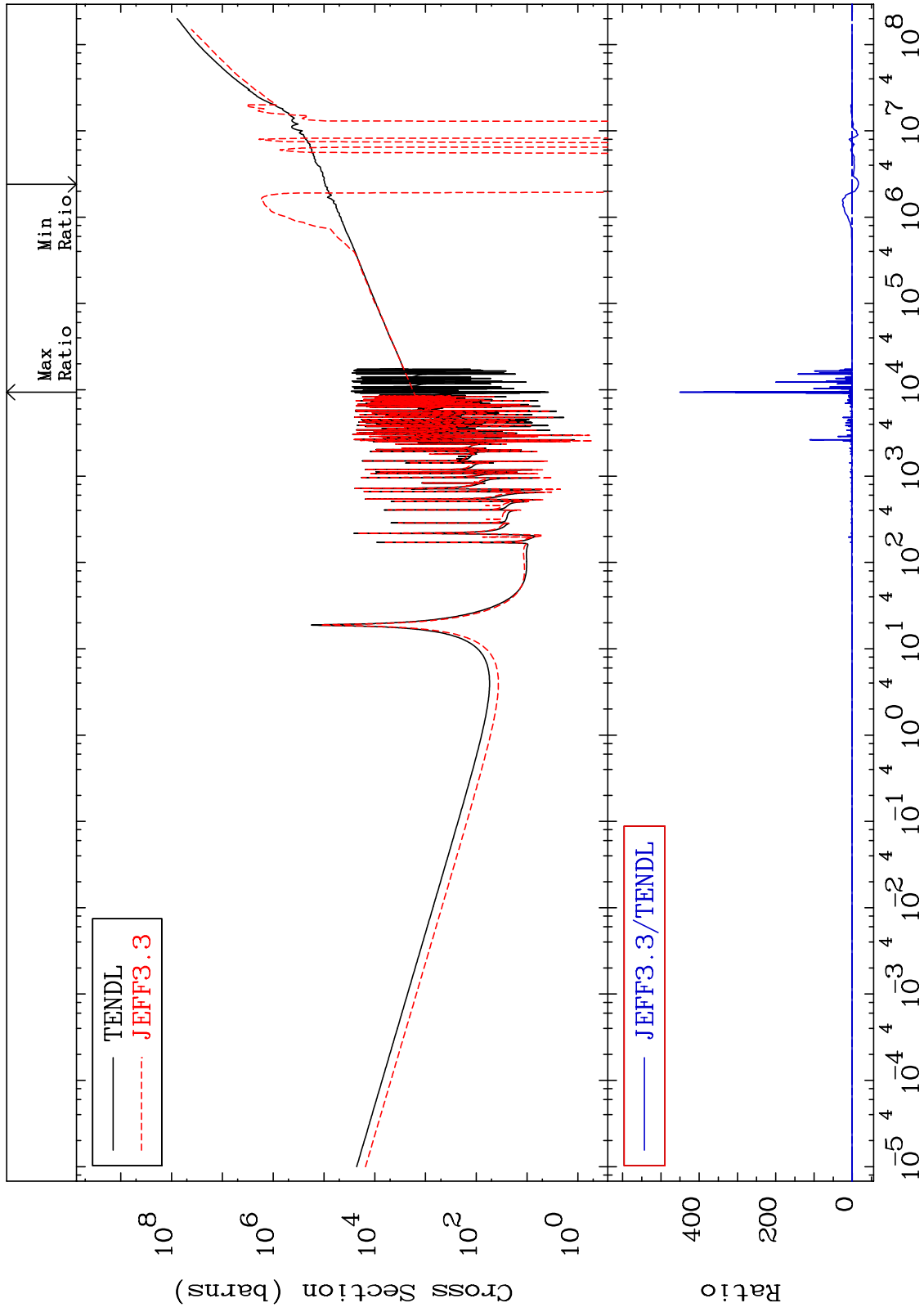
74-W -186  
-77.44 To 9999. %



MAT 7443

Kerma total (eV-barns)  
Cross Section

74-W -186  
-1687. To 9999. %



41

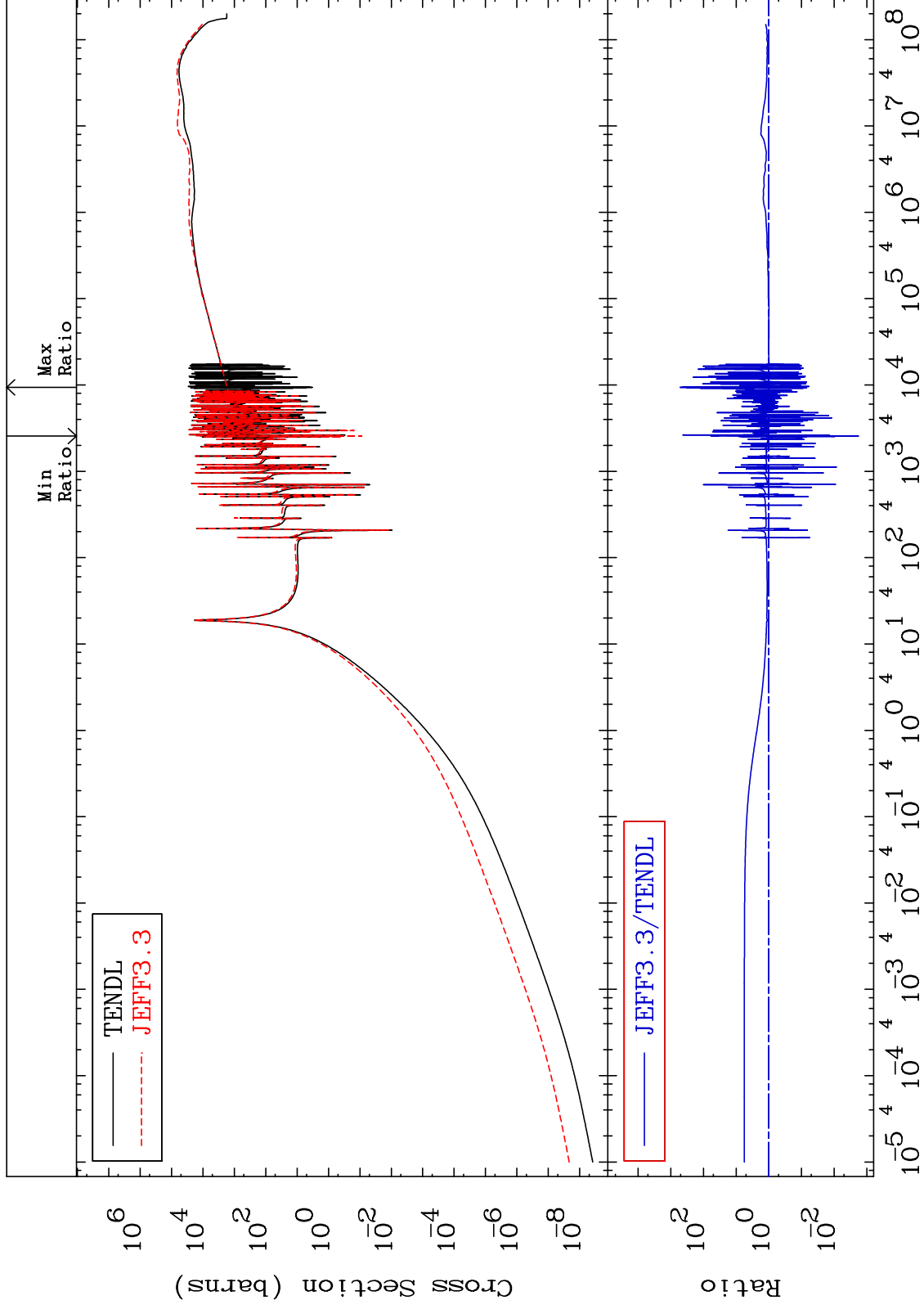
Incident Energy (eV)

74-W -186

MAT 7443

Kerma elastic  
Cross Section

74-W -186  
-99.82 To 9999. %



42

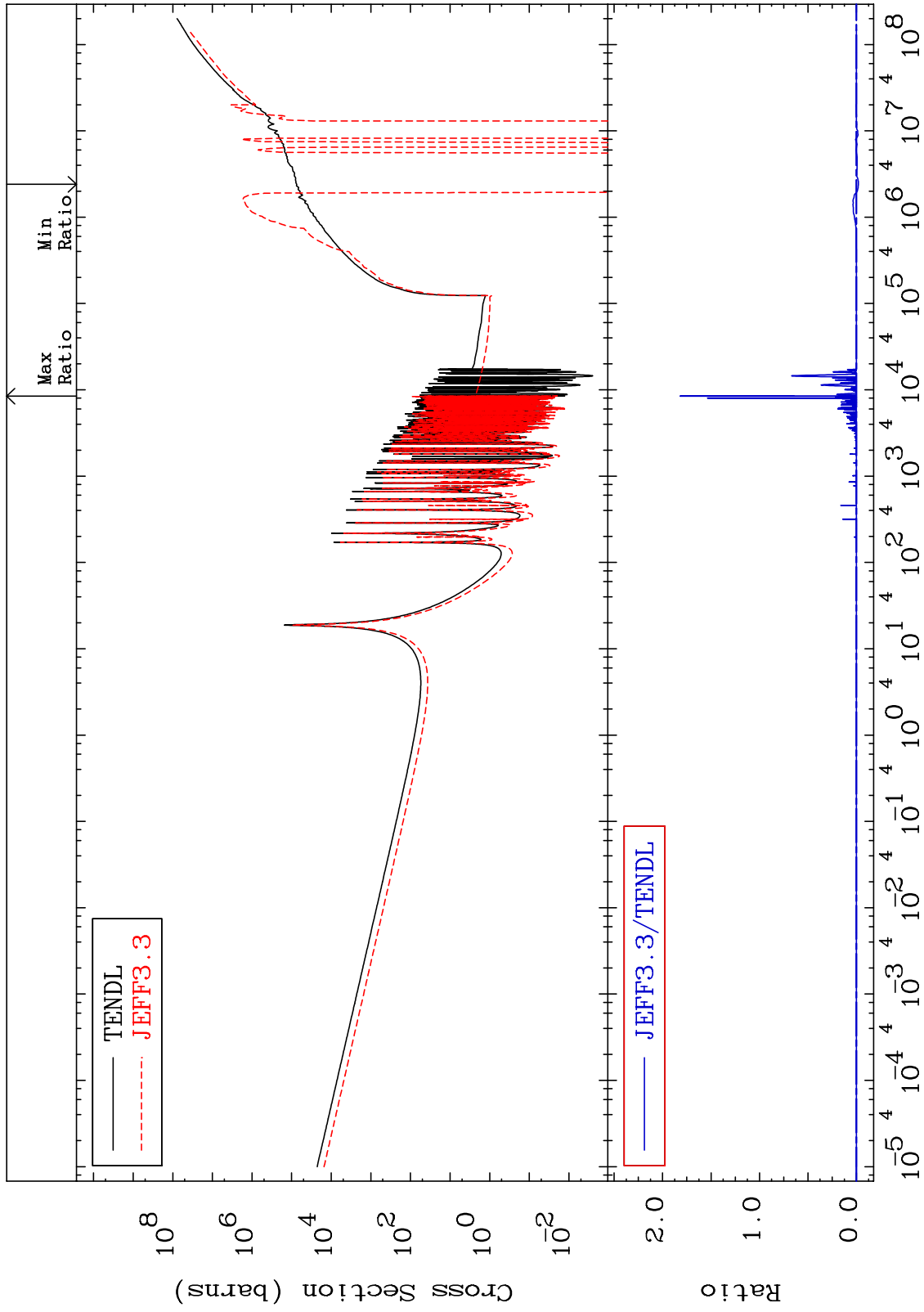
Incident Energy (eV)

74-W -186

MAT 7443

Kerma non-elastic (all but mt2)  
Cross Section

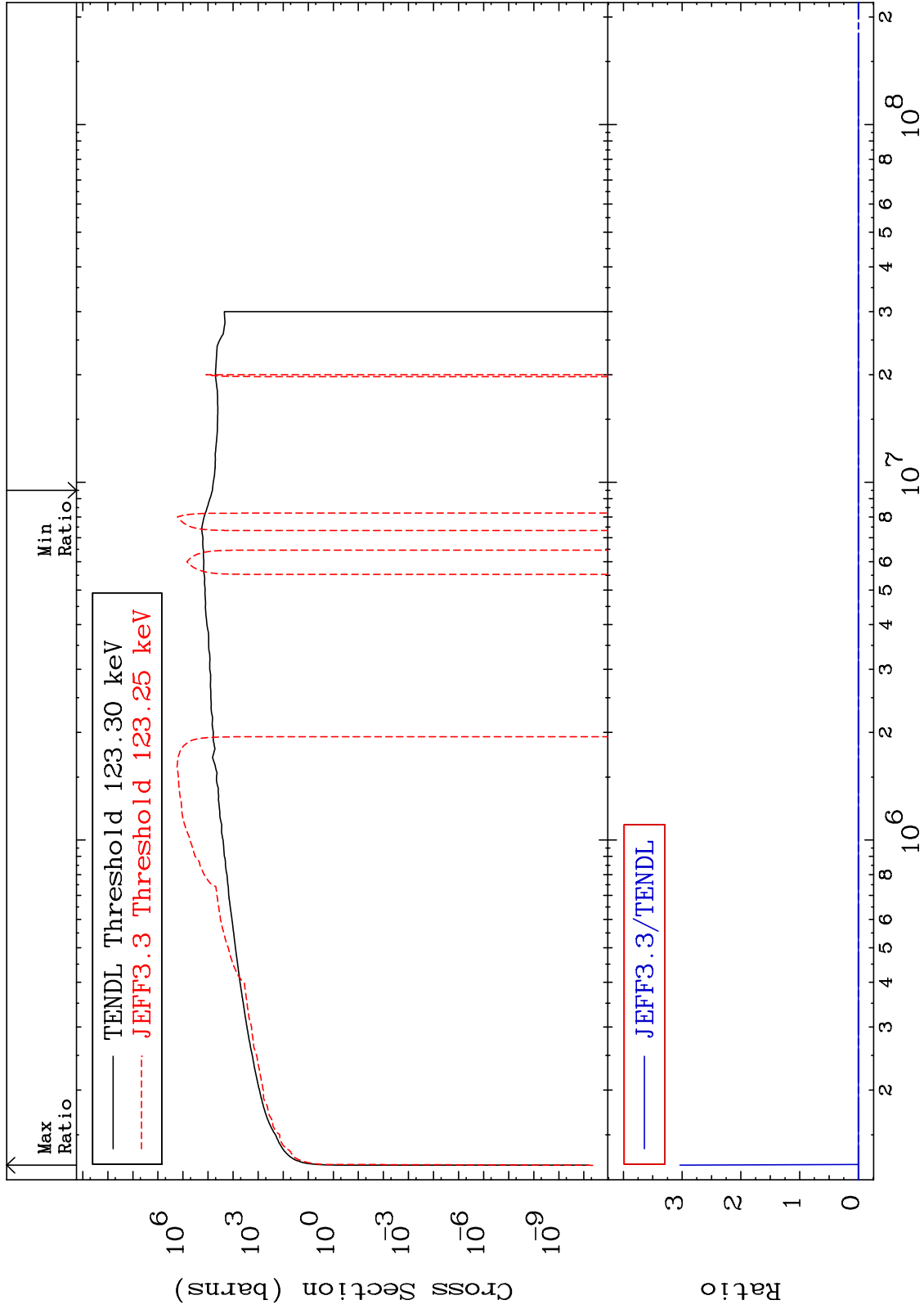
74-W -186  
-2148. To 9999. %



43

Incident Energy (eV)

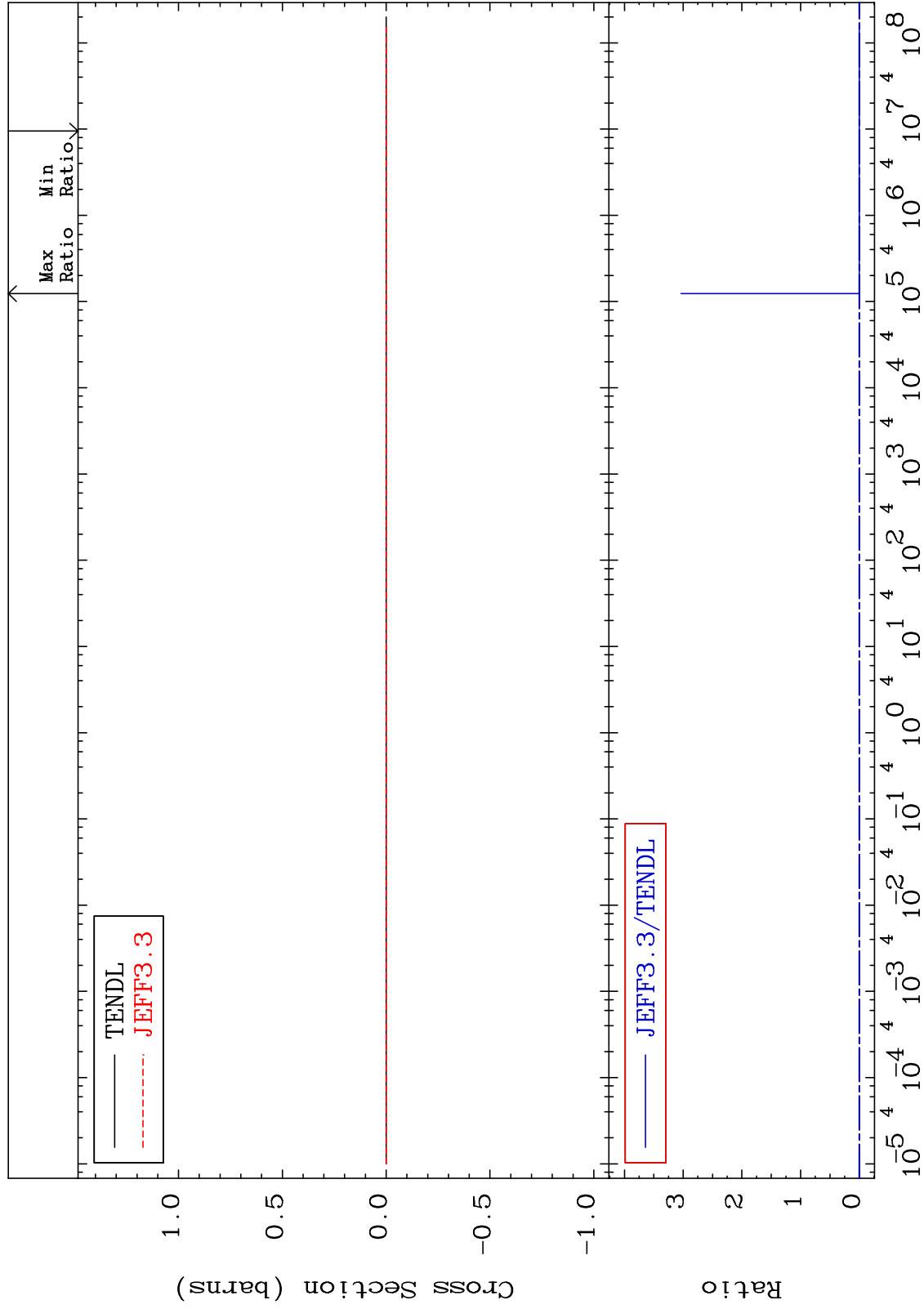
74-W -186



MAT 7443

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

74-W -186  
-6009. To 9999. %



45

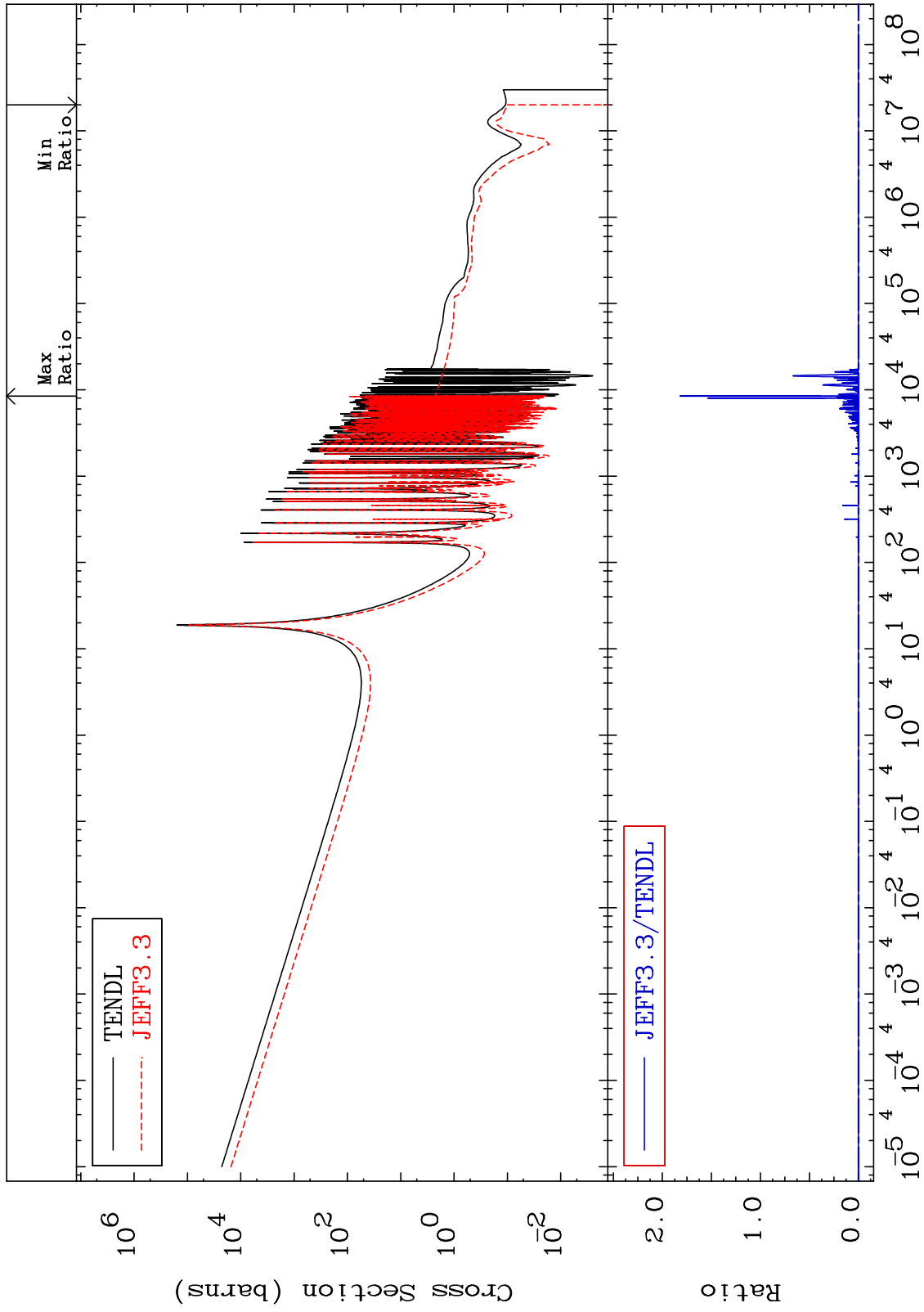
Incident Energy (eV)

74-W -186

MAT 7443

Kerma capture (mt102)  
Cross Section

74-W -186  
-100.0 To 9999. %



46

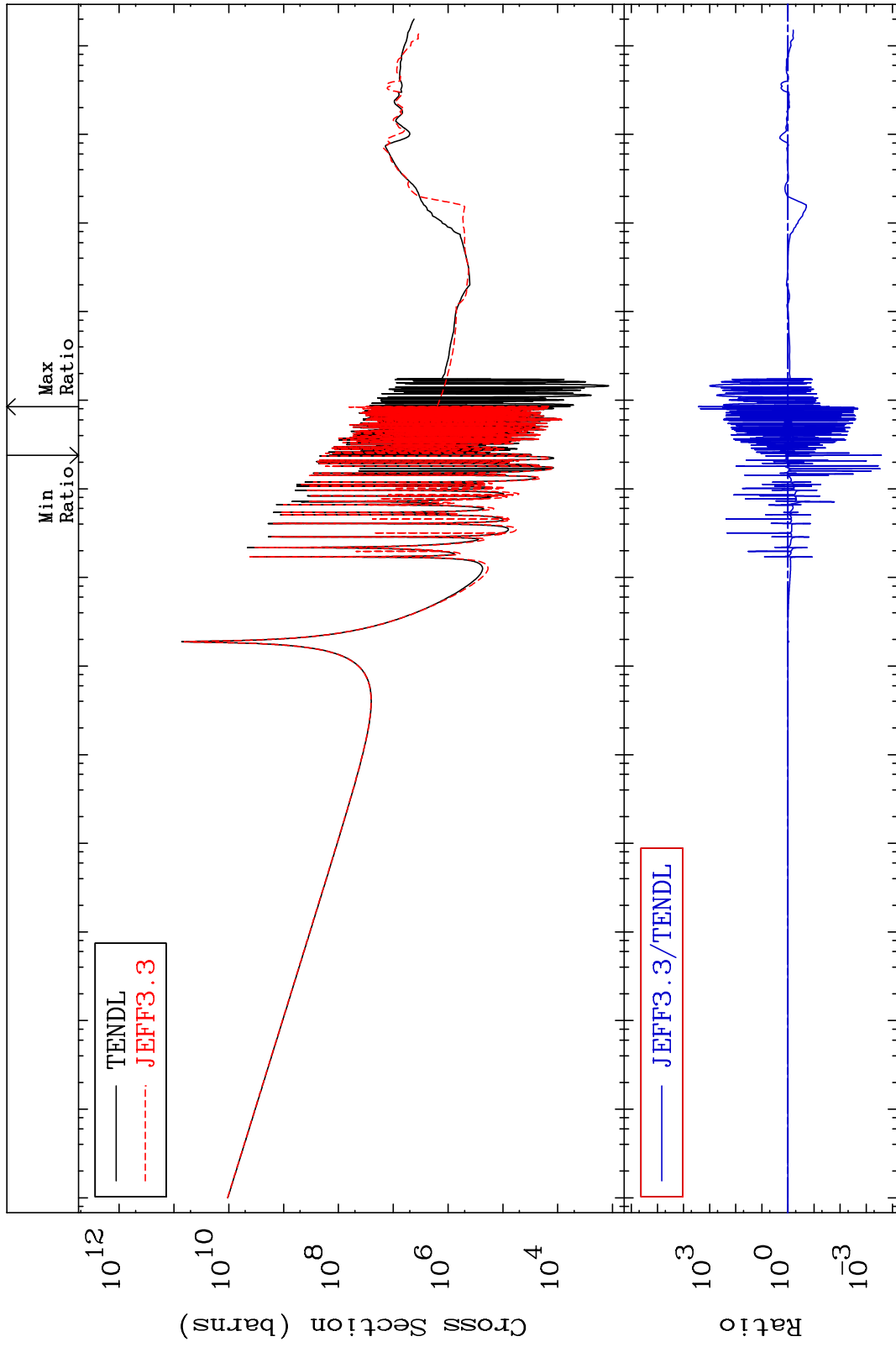
Incident Energy (eV)

74-W -186

MAT 7443

Total photon (eV-barns)  
Cross Section

74-W -186  
-99.97 To 9999. %



47

Incident Energy (eV)

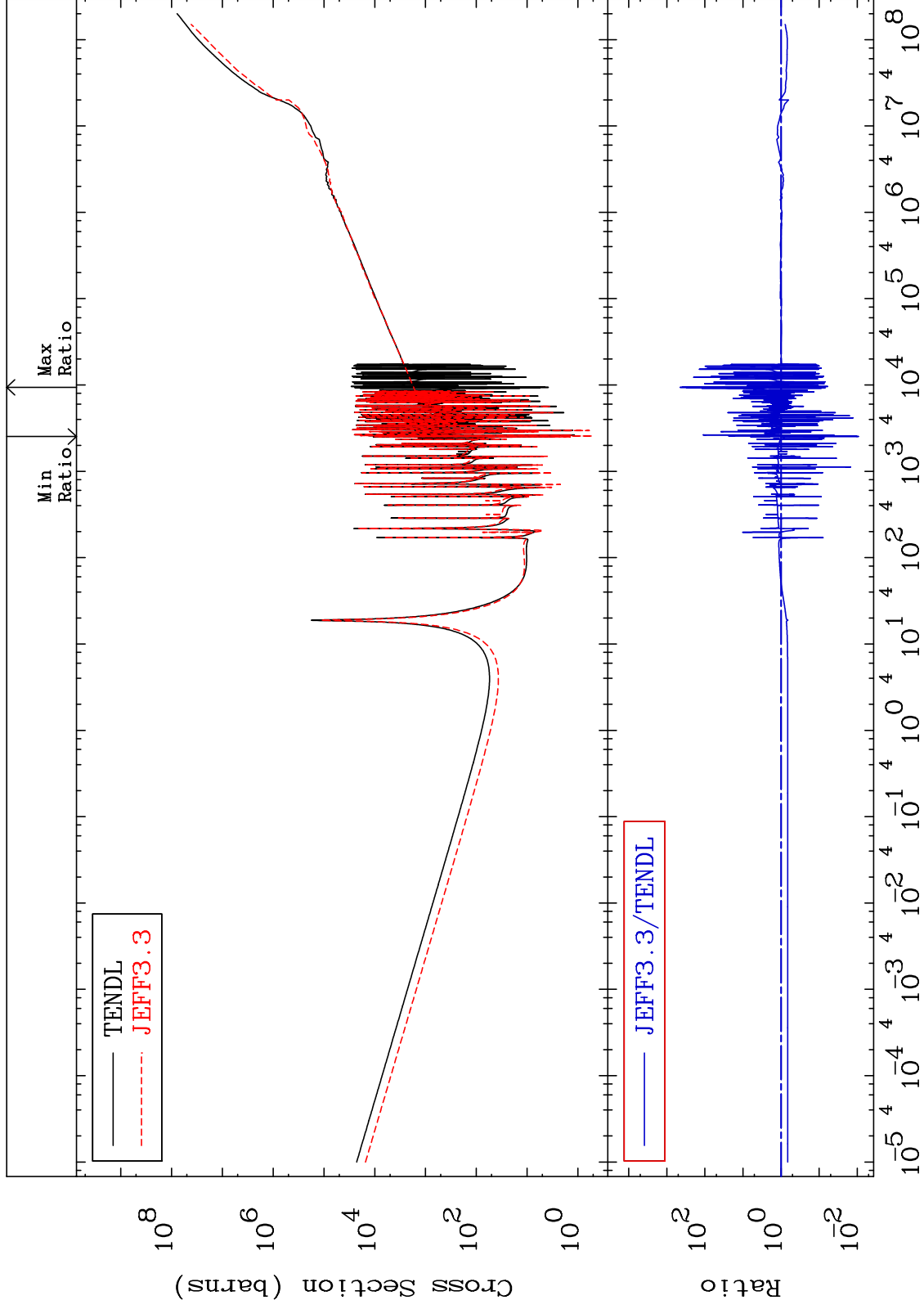
74-W -186



MAT 7443

Total kinematic kerma (high limit)  
Cross Section

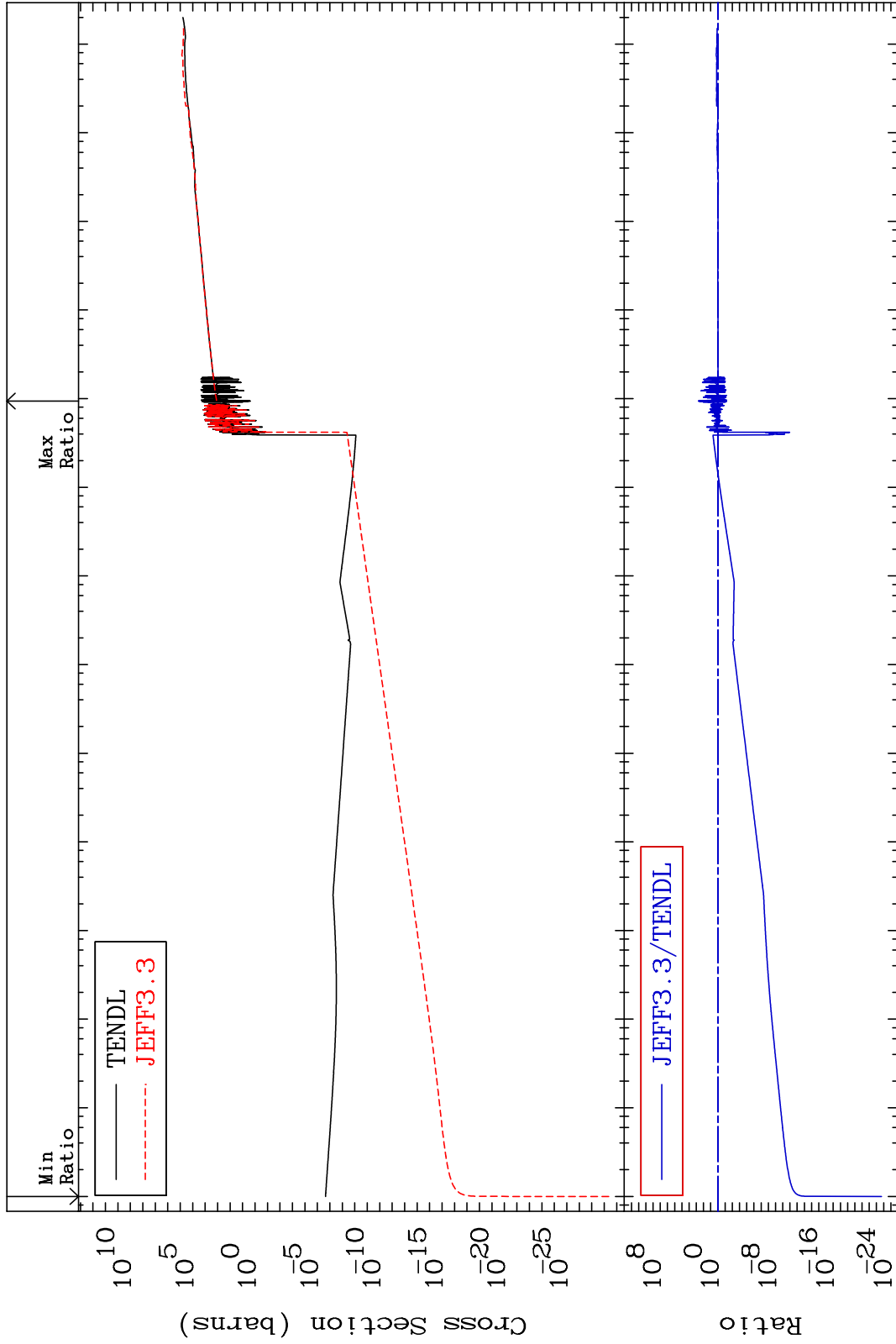
74-W -186  
-99.07 To 9999. %



MAT 7443

Dpa total (eV-barns)  
Cross Section

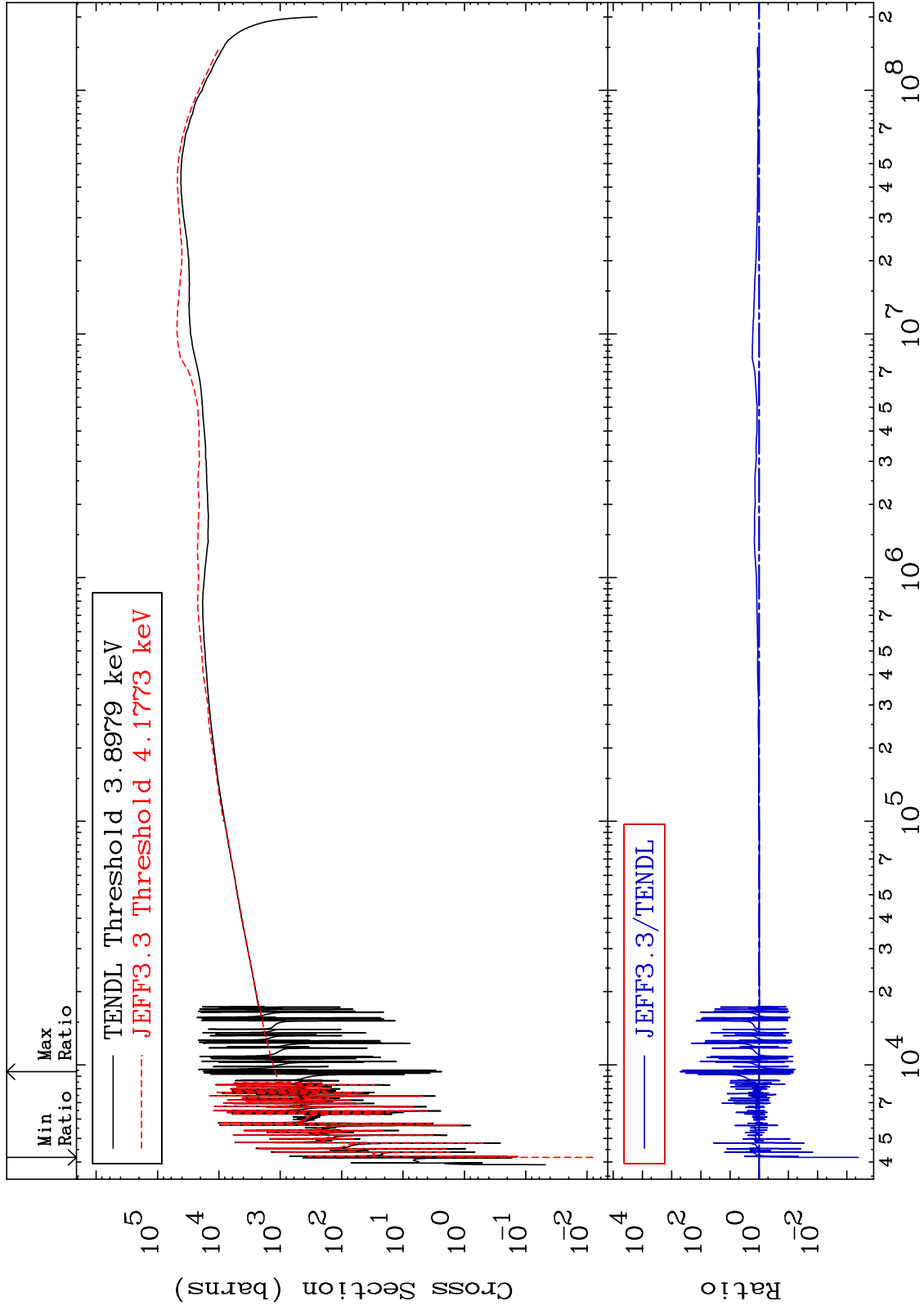
74-W -186  
-100.0 To 9999. %



MAT 7443

Dpa elastic (mt2)  
Cross Section

74-W -186  
-99.96 To 9999. %



50

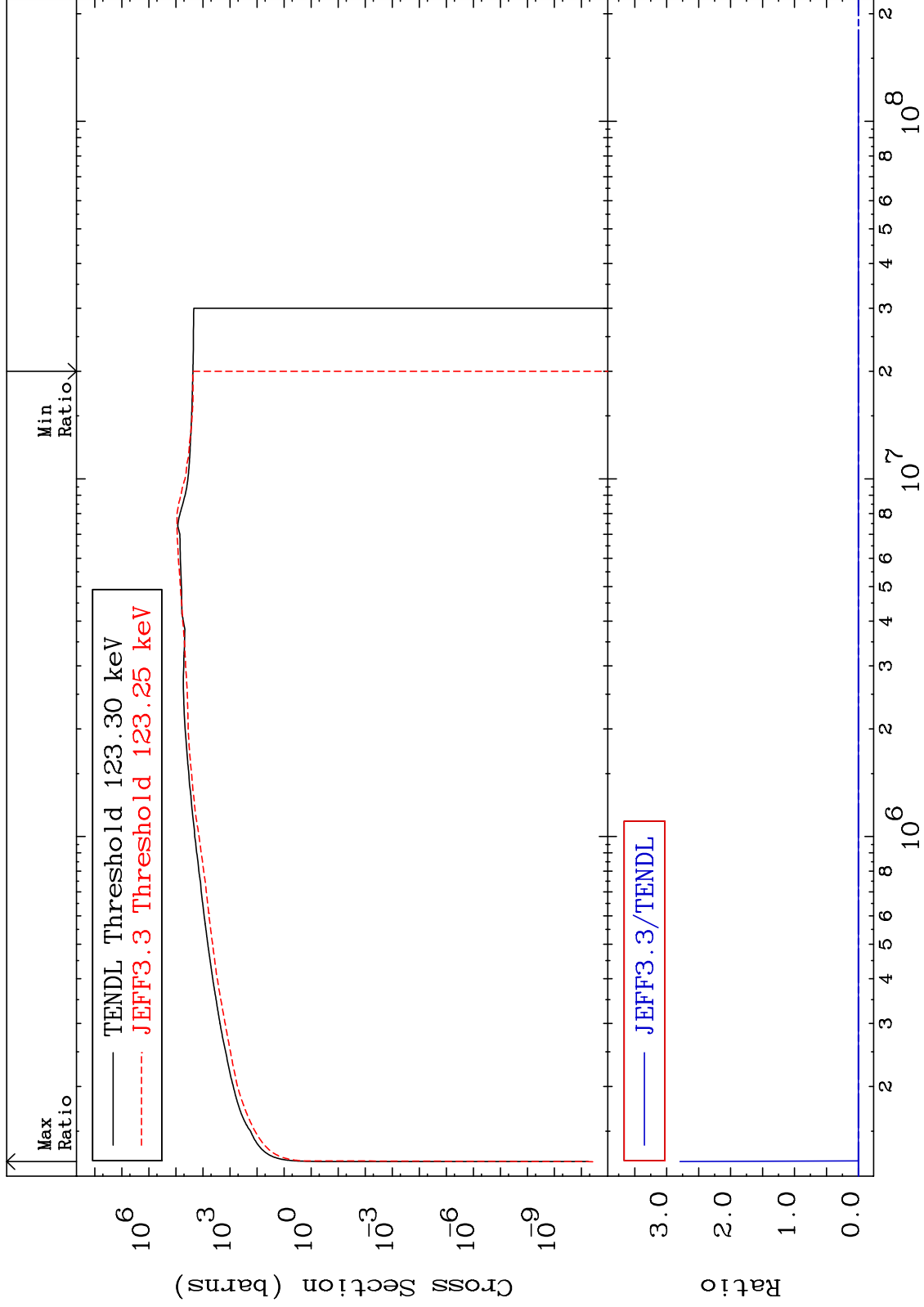
Incident Energy (eV)

74-W -186

MAT 7443

Dpa inelastic (mt51-91)  
Cross Section

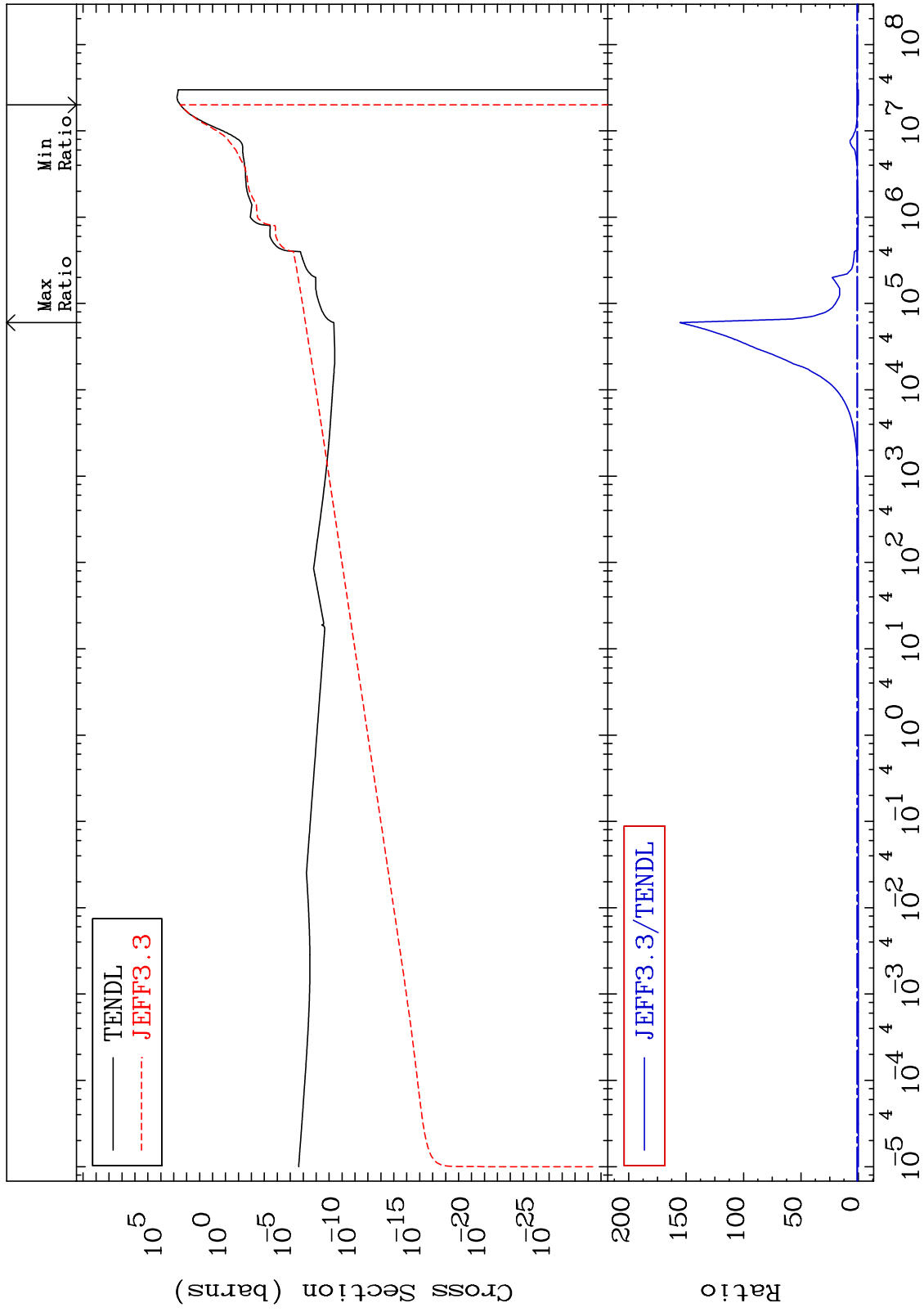
74-W -186  
-100.0 To 9999. %



MAT 7443

Dpa disappearance (mt102 -120)  
Cross Section

74-W -186  
-100.0 To 9999. %



52

Incident Energy (eV)

74-W -186