

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

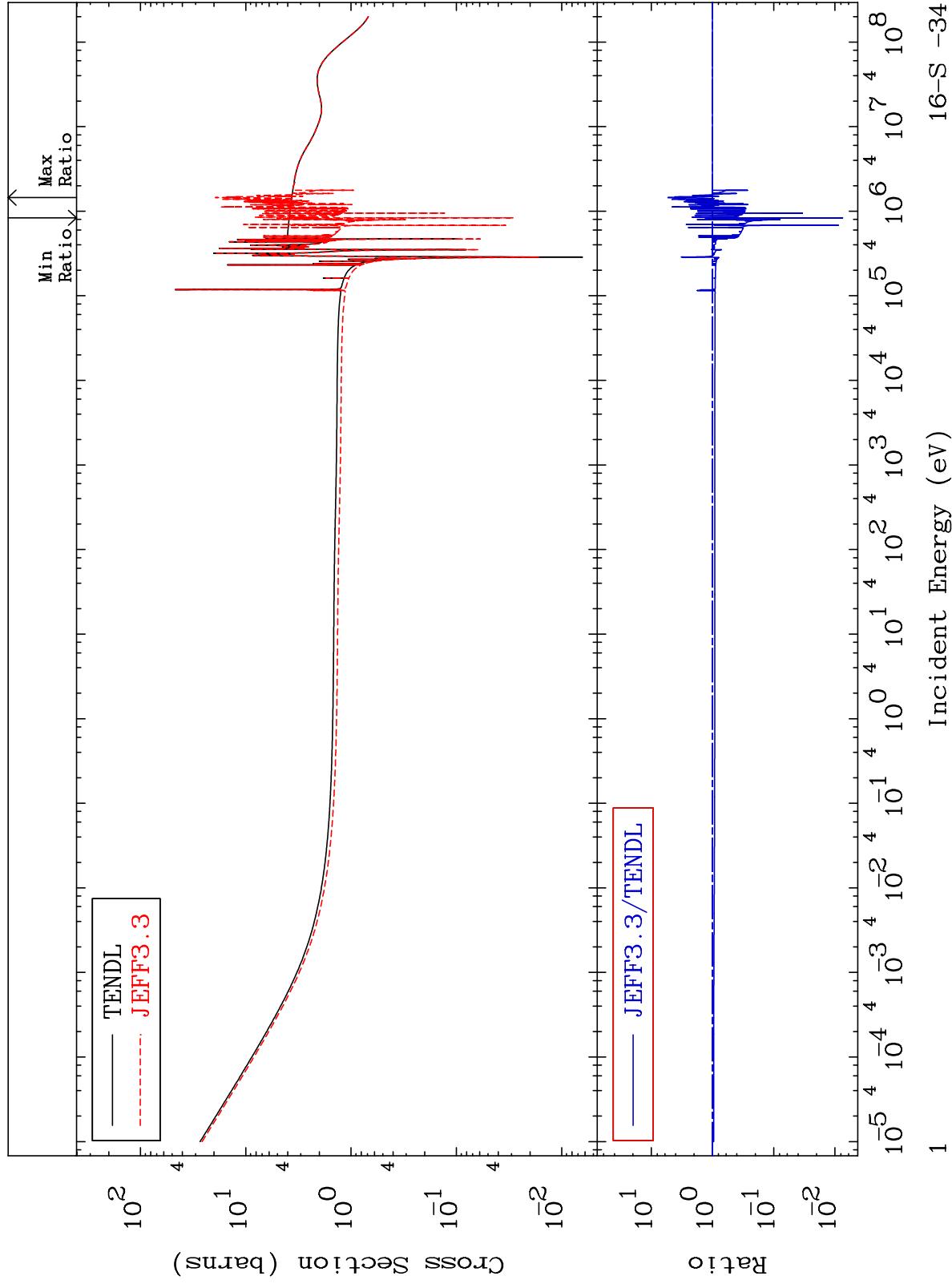
MAT 1631

Total

16-S -34

Cross Section

-99.26 To 432.9 %



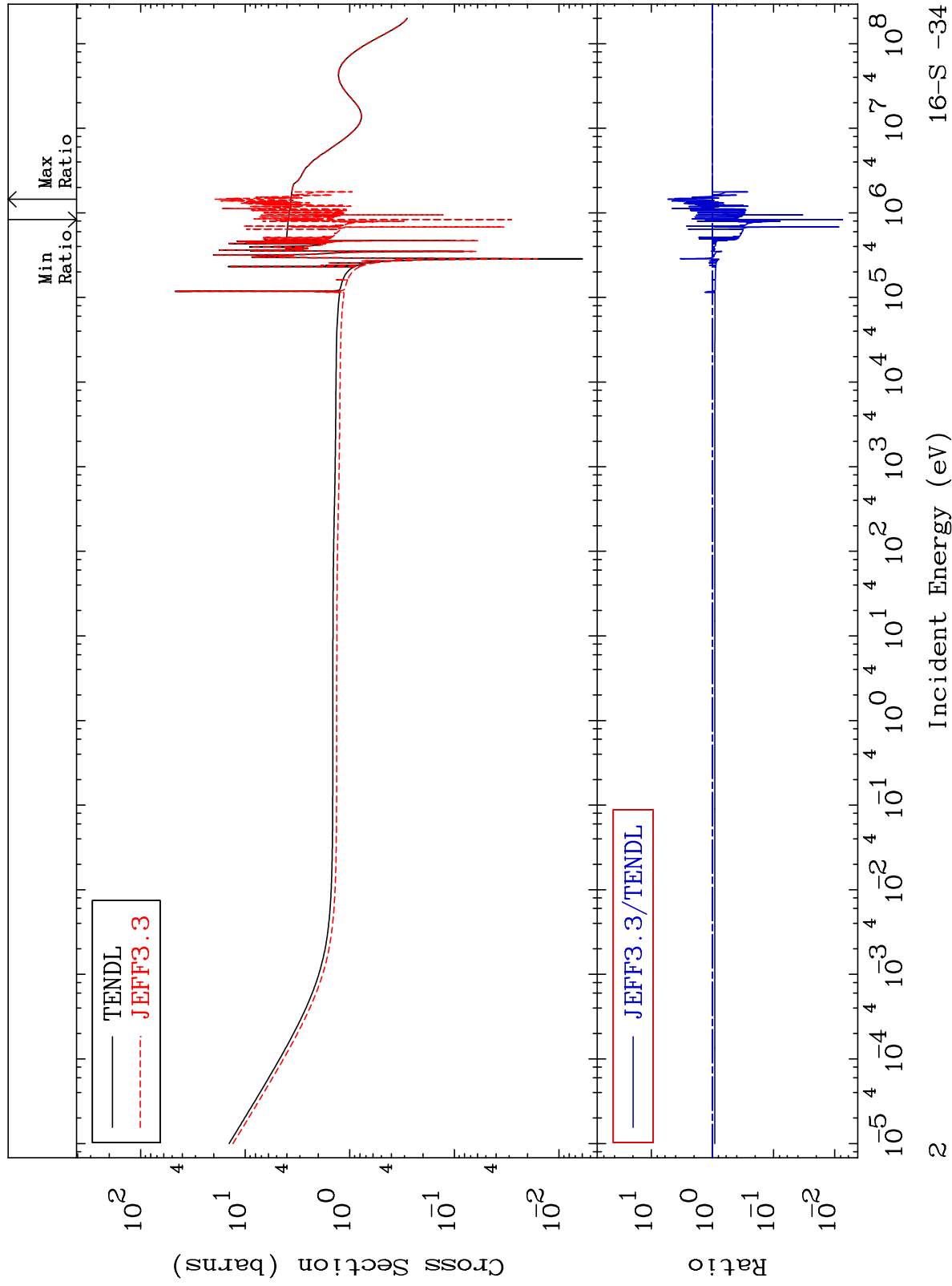
Incident Energy (eV)

16-S -34

MAT 1631

Elastic  
Cross Section

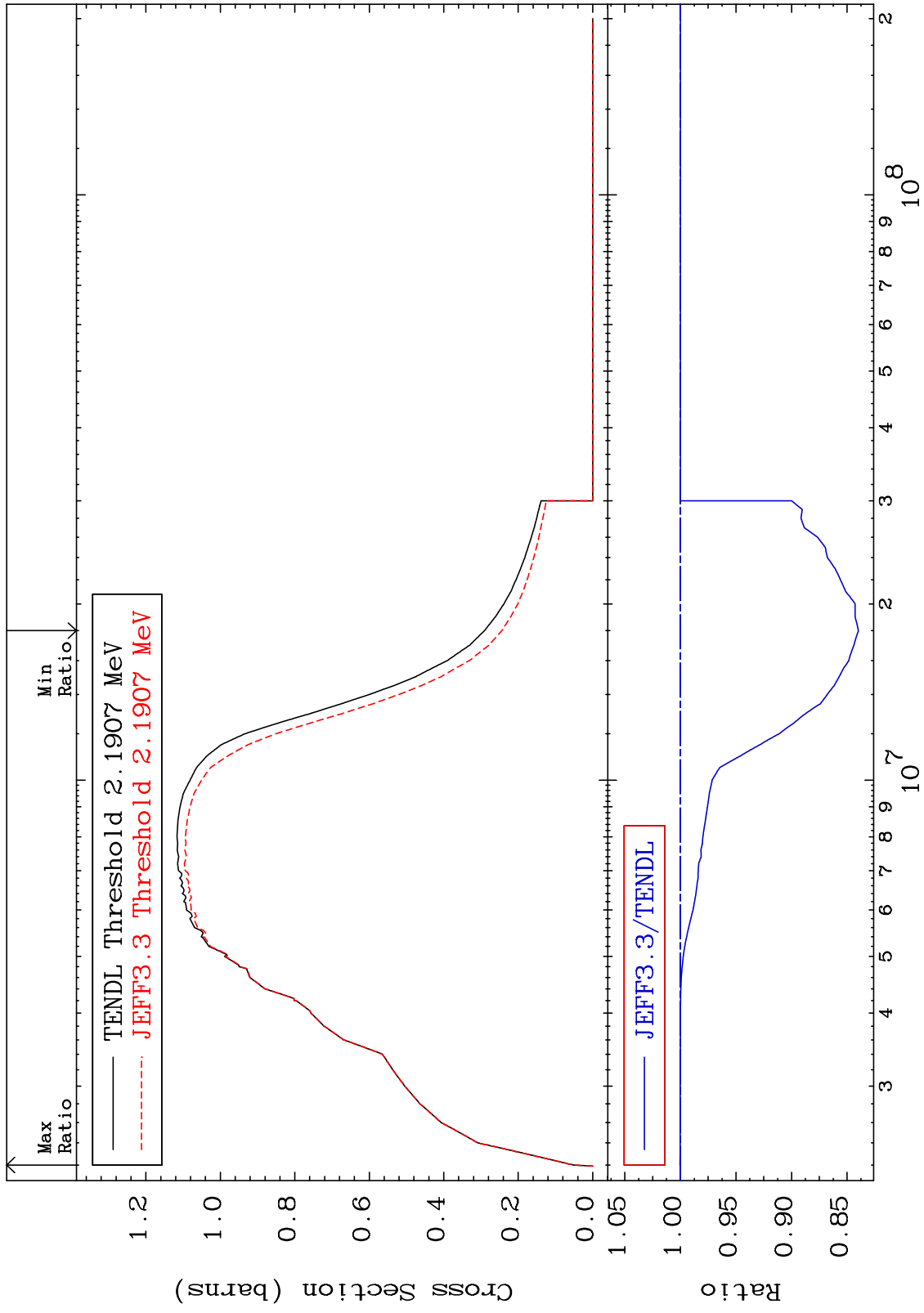
16-S -34  
-99.26 To 433.0 %



MAT 1631

Inelastic  
Cross Section

16-S -34  
-16.02 To 0.033 %



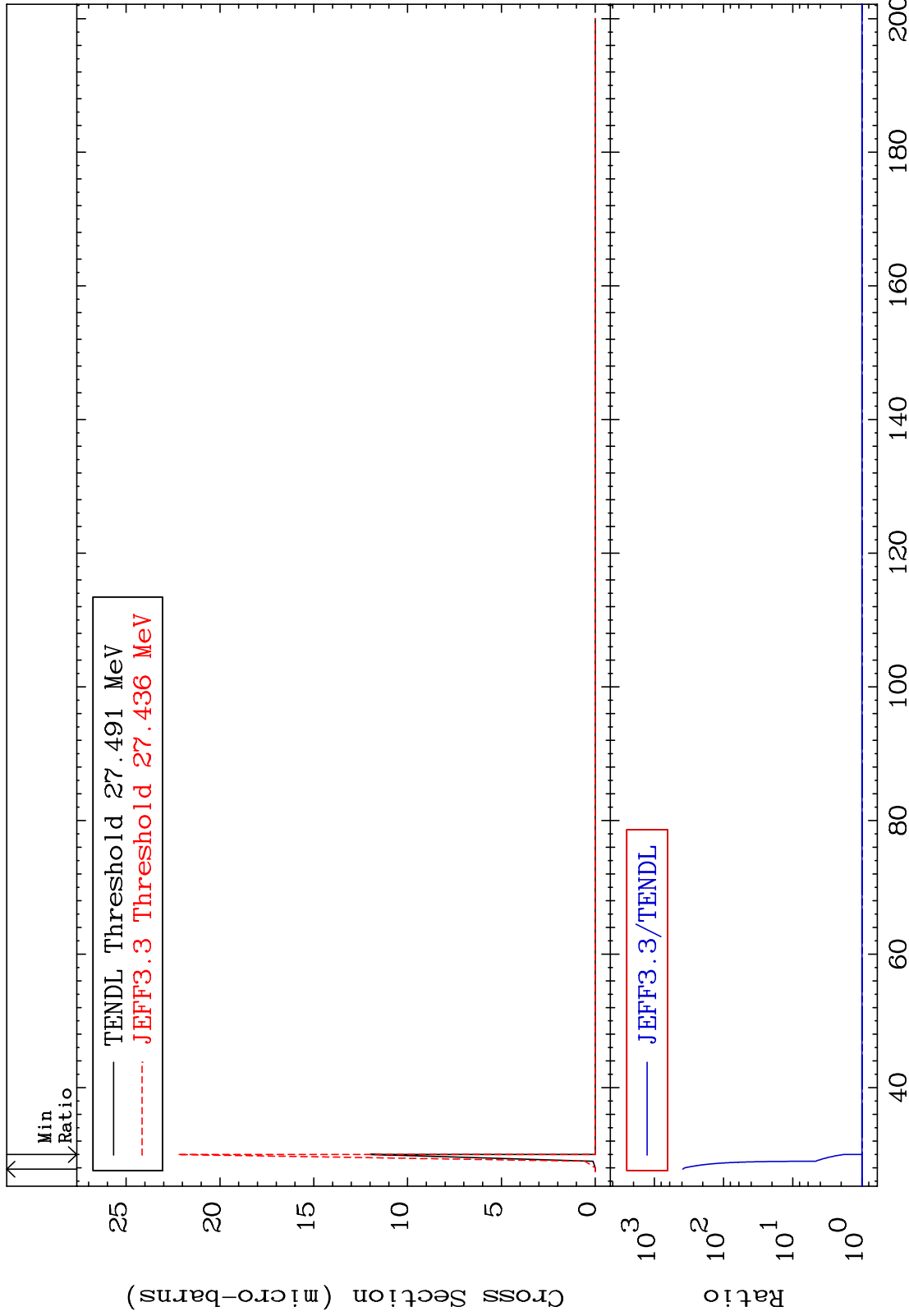
MAT 1631

(n,2n) d

16-S -34

Cross Section

0.000 To 9999. %



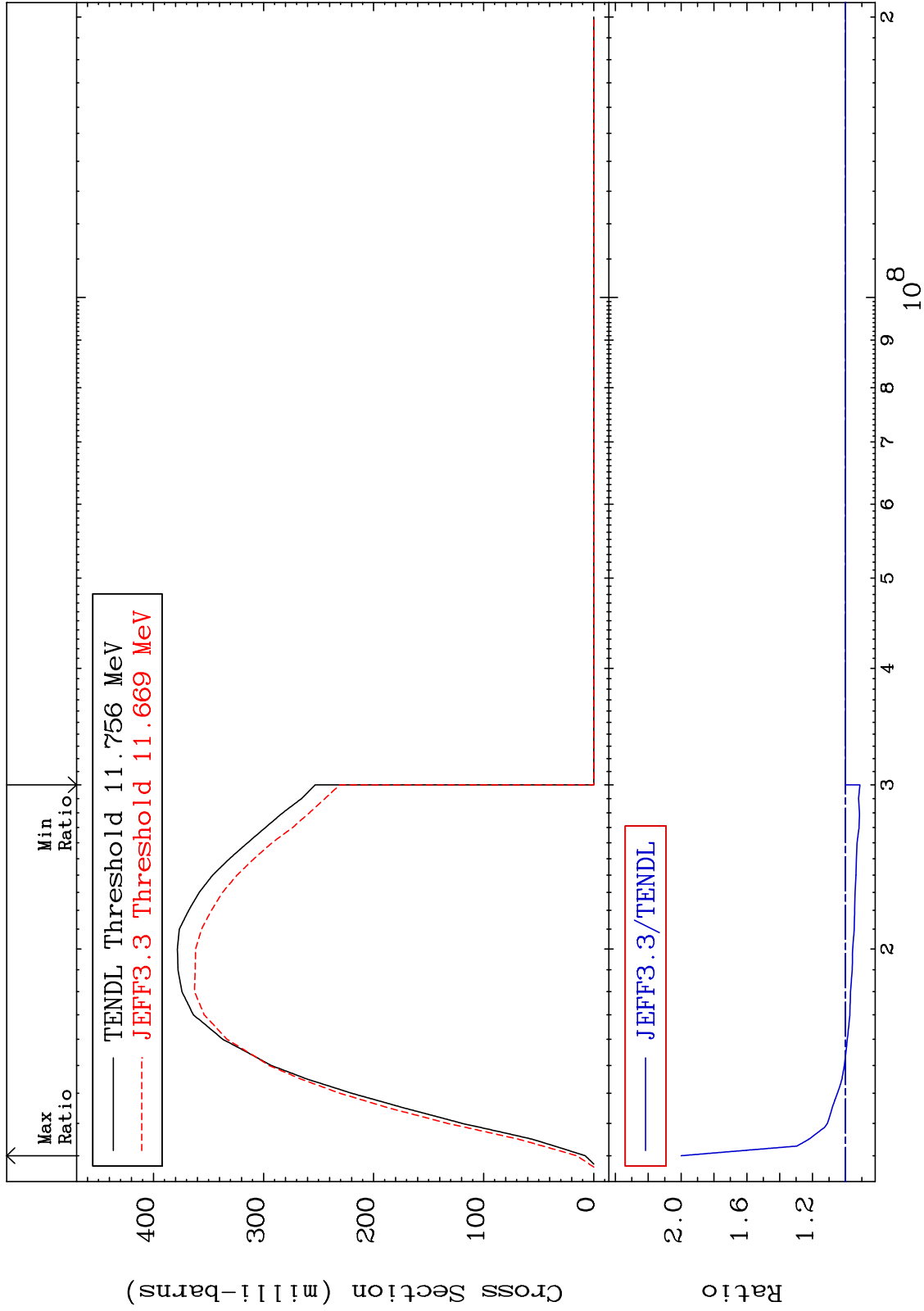
MAT 1631

(n,2n)

16-S -34

Cross Section

-8.824 To 99.93 %



5

Incident Energy (eV)

16-S -34

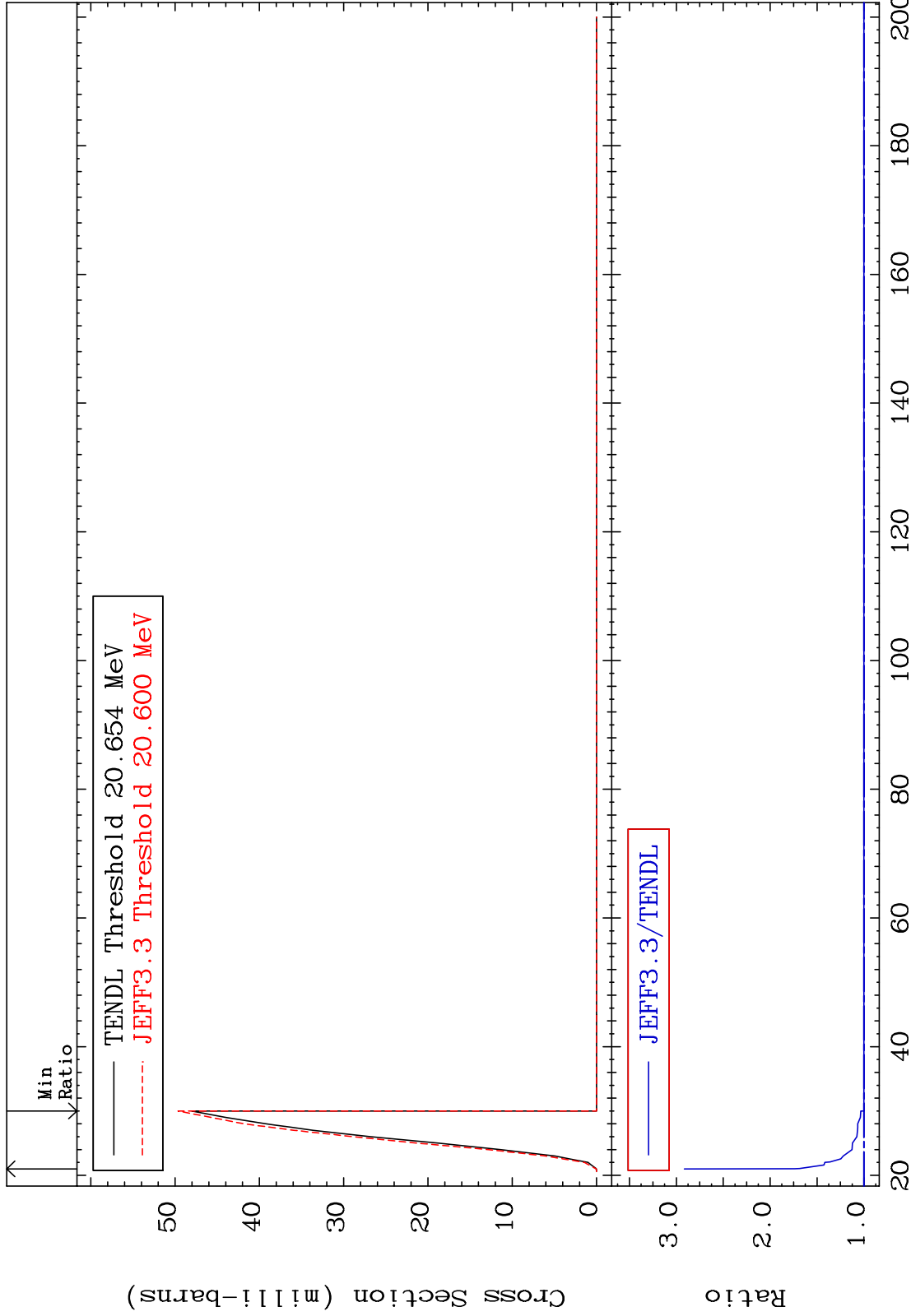
MAT 1631

(n,3n)

16-S -34

Cross Section

0.000 To 191.4 %



16-S -34

Incident Energy (MeV)

6

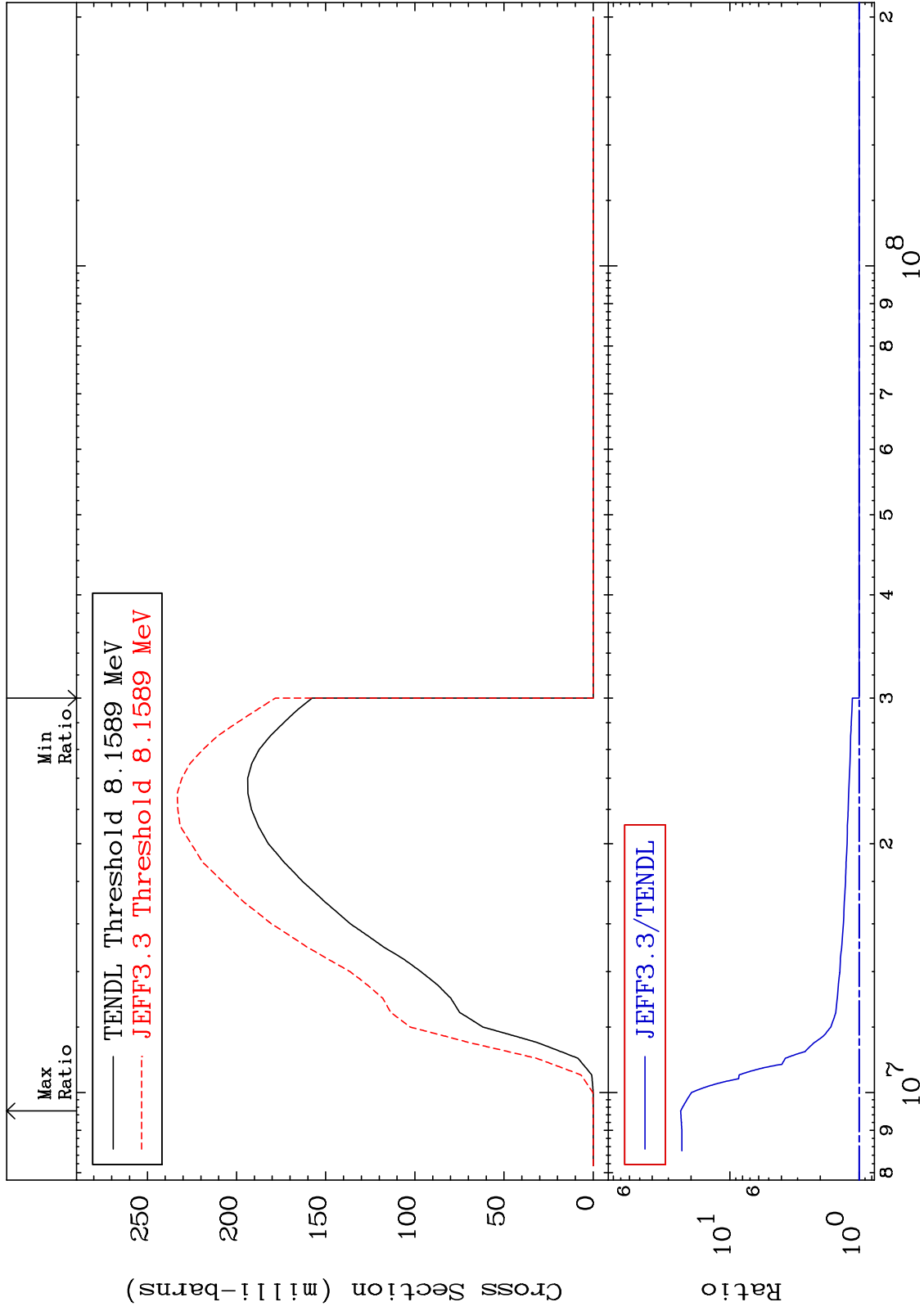
MAT 1631

(n,n')  $\alpha$

16-S -34

Cross Section

0.000 To 2309. %



16-S -34

Incident Energy (eV)

7

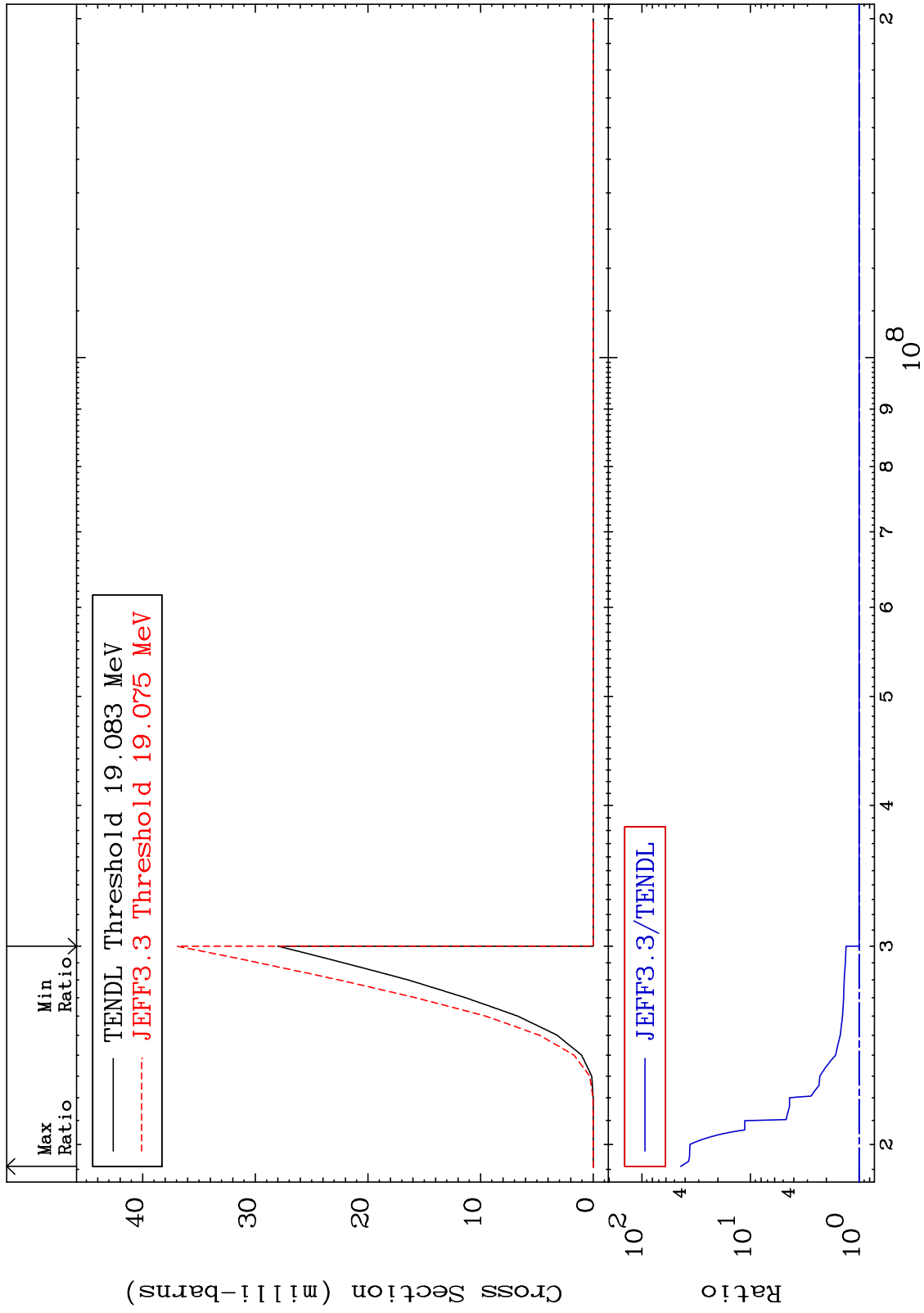


MAT 1631

(n,2n)  $\alpha$

16-S -34

Cross Section 0.000 To 4296. %



8

Incident Energy (eV)

16-S -34

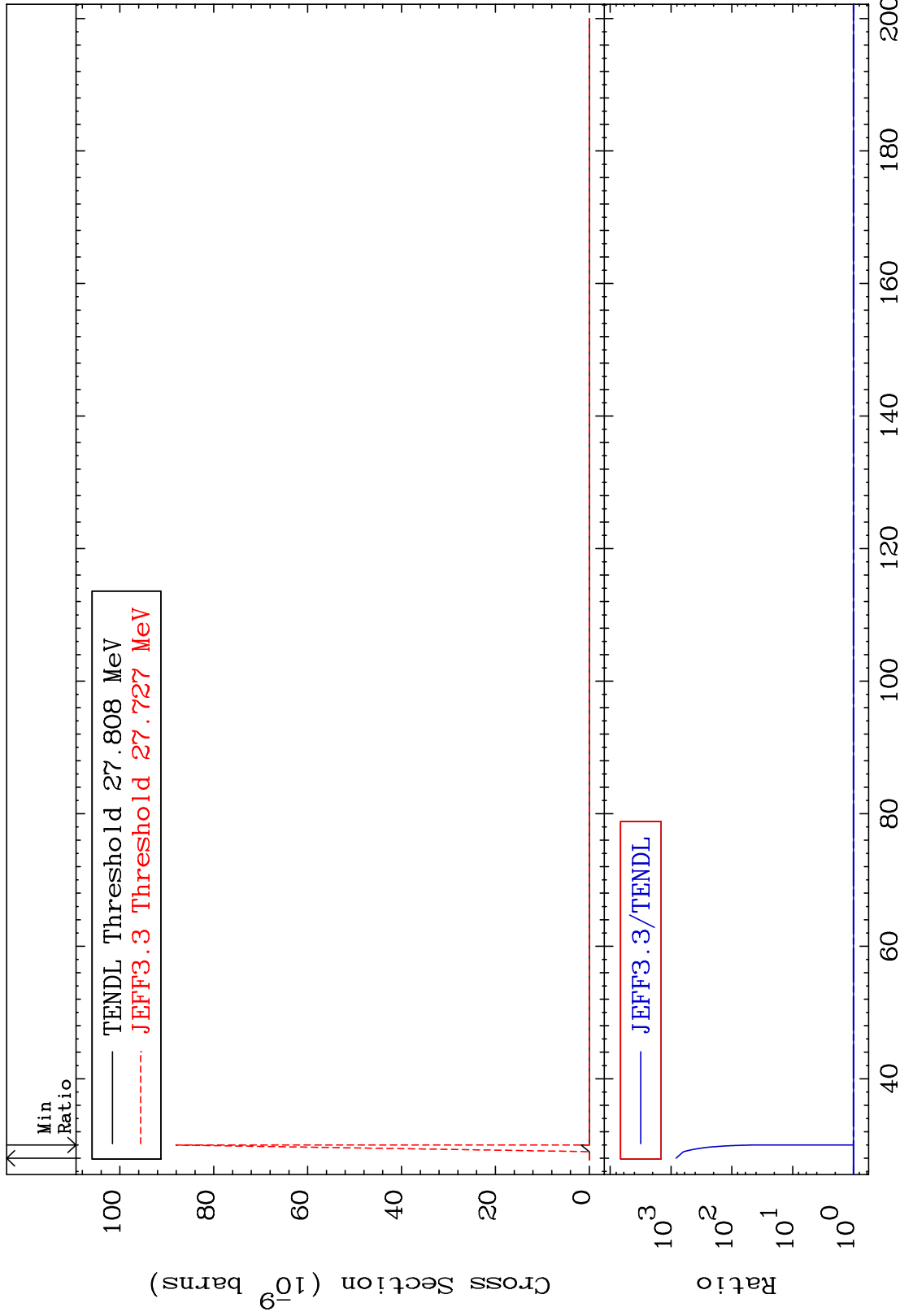
MAT 1631

(n,3n)  $\alpha$

16-S -34

Cross Section

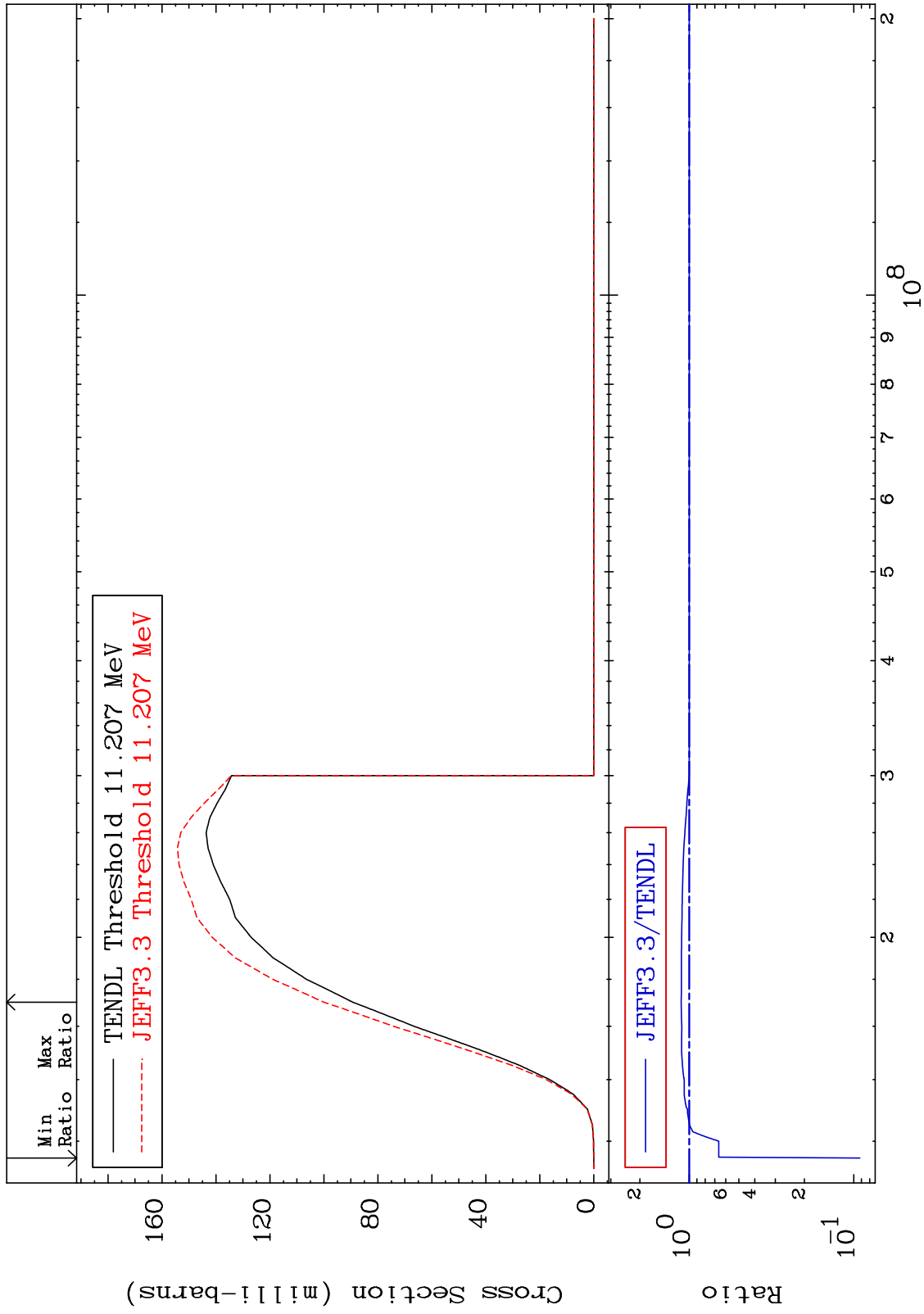
0.000 To 9999. %



MAT 1631

(n,n') p  
Cross Section

16-S -34  
-90.82 To 12.03 %



10

Incident Energy (eV)

16-S -34

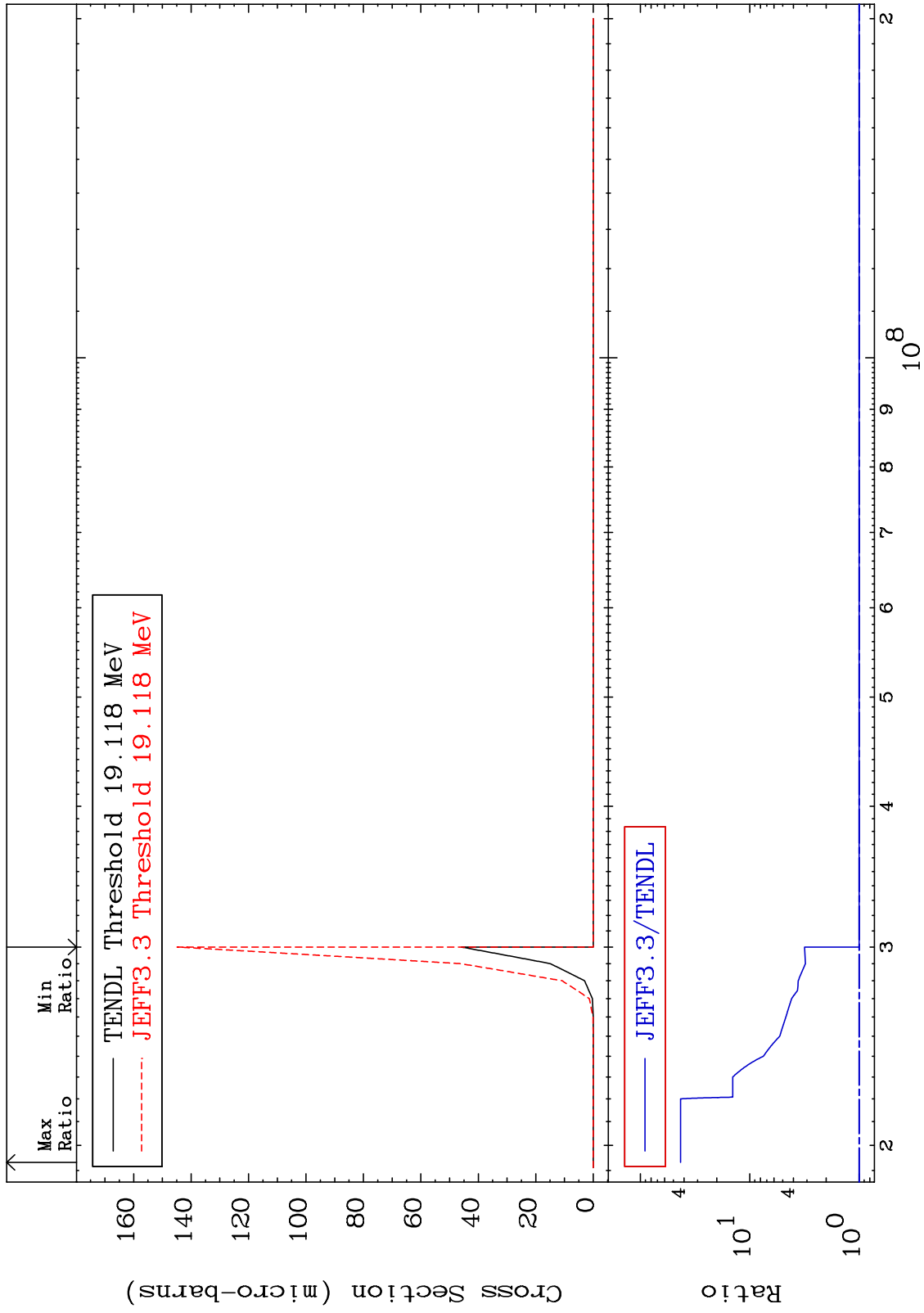
MAT 1631

(n,n')  $2\alpha$

16-S -34

Cross Section

0.000 To 4192. %



16-S -34

Incident Energy (eV)

11

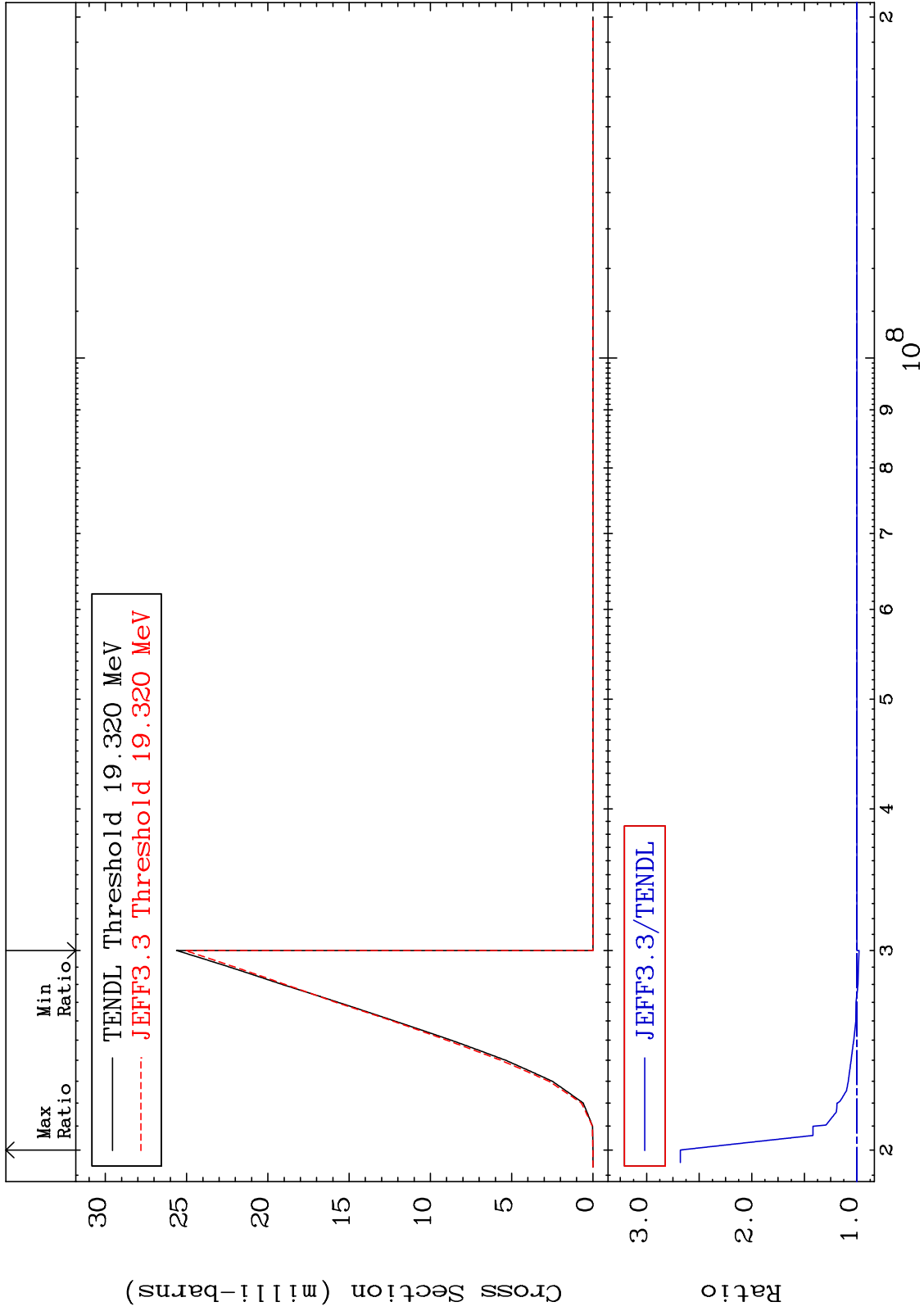
MAT 1631

(n,n') d

16-S -34

Cross Section

-2.043 To 167.9 %



16-S -34

Incident Energy (eV)

12

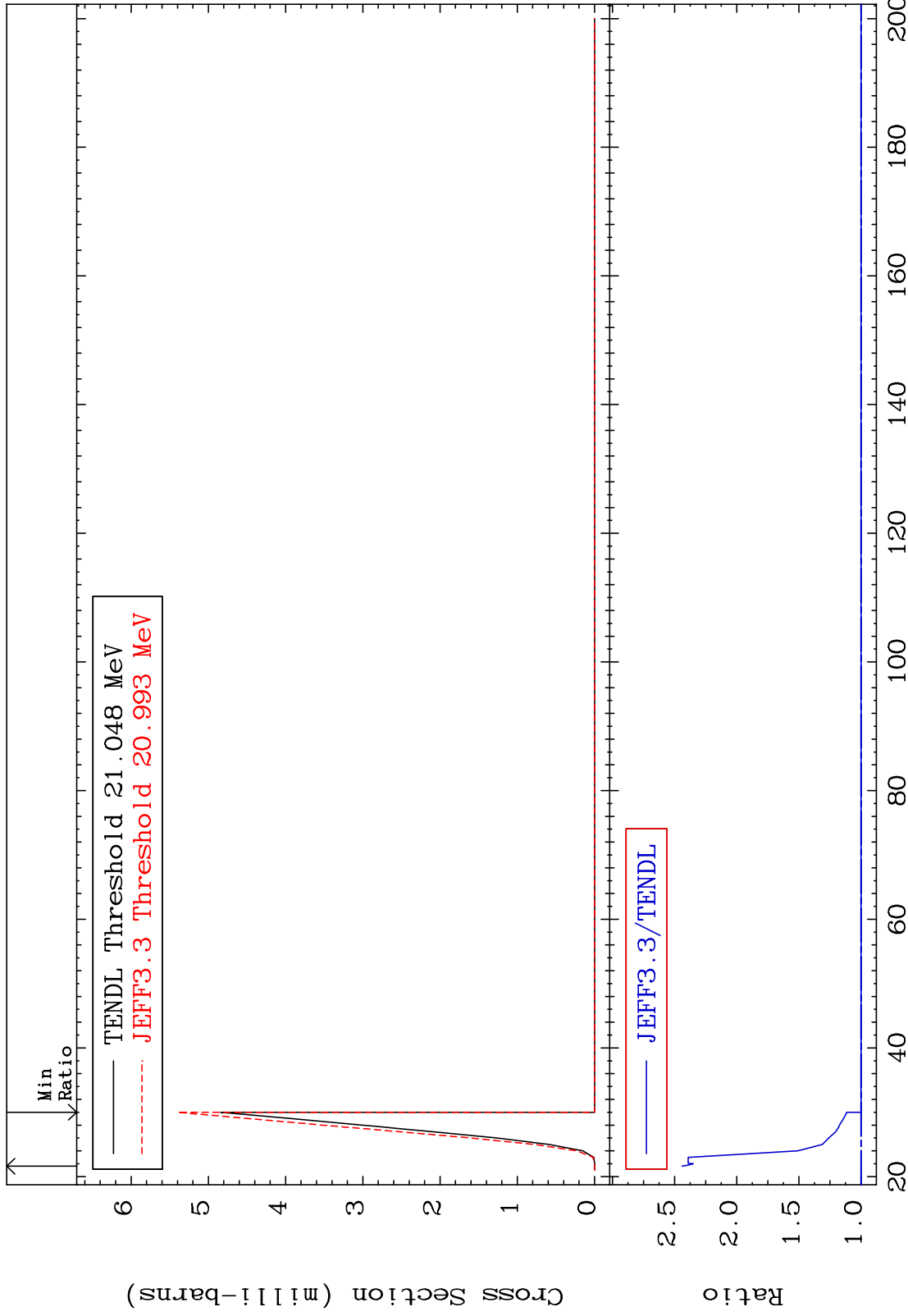
MAT 1631

(n,n') t

16-S -34

Cross Section

0.000 To 144.0 %



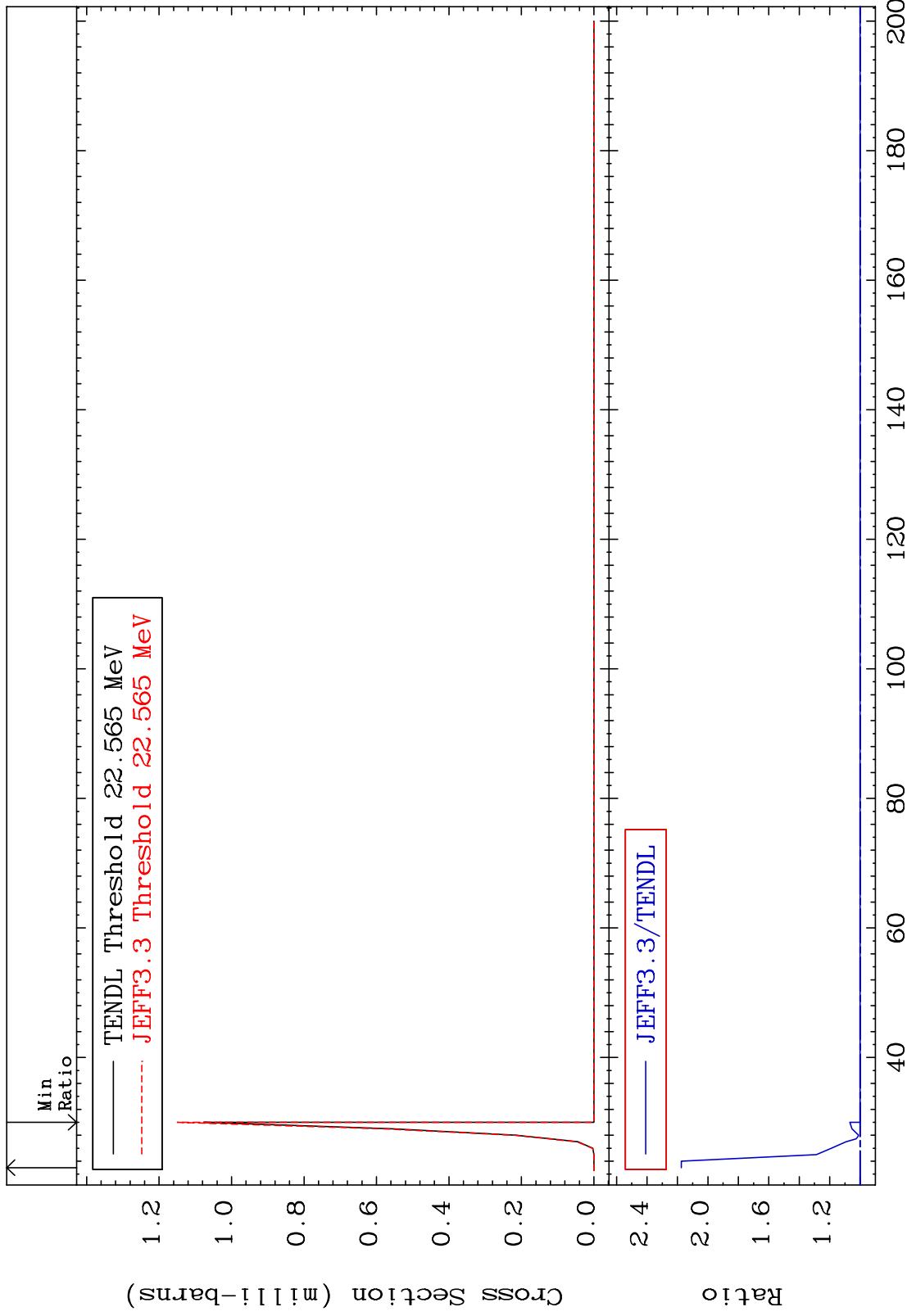
Incident Energy (MeV)

16-S -34

MAT 1631

(n,n') He-3  
Cross Section

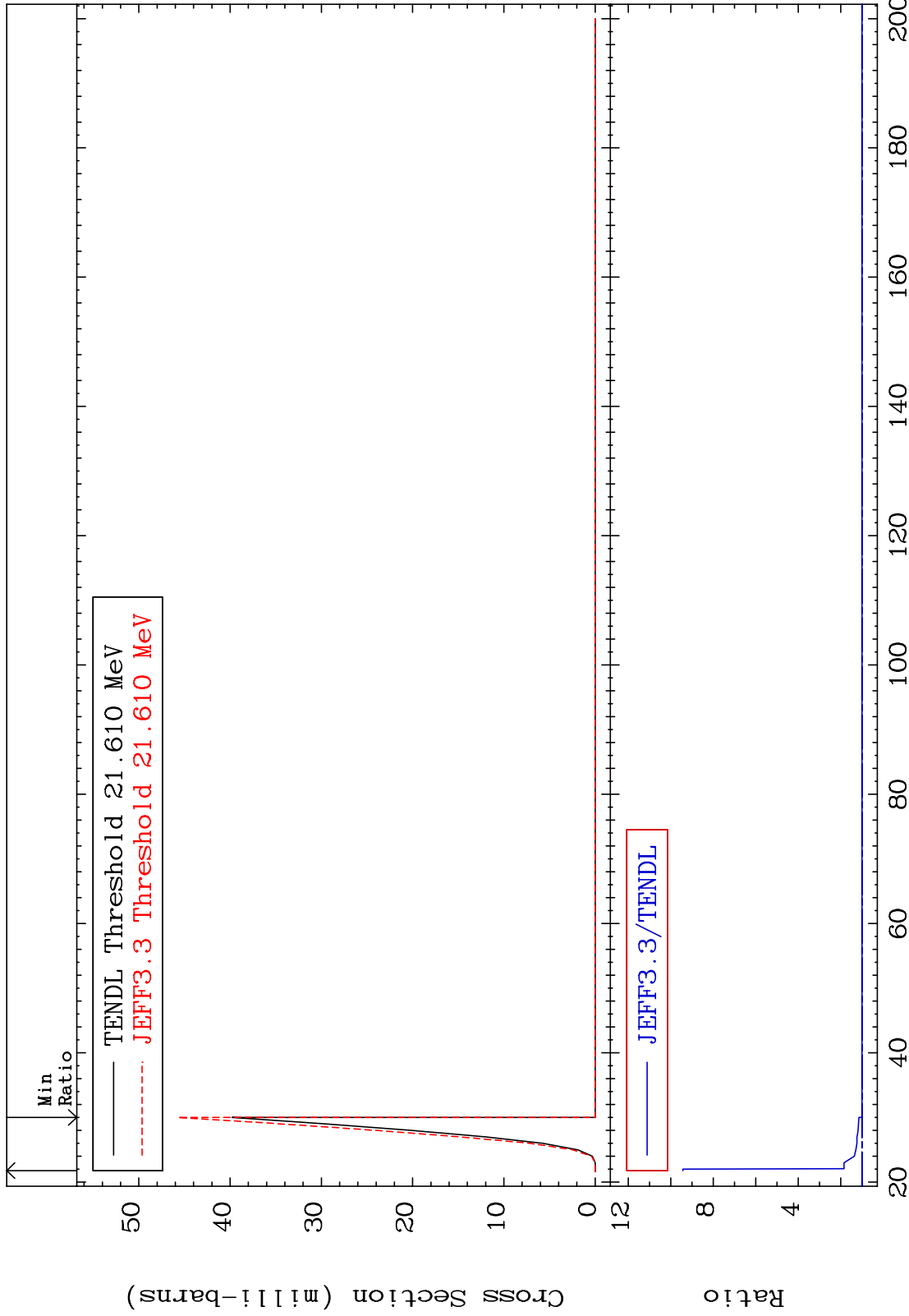
16-S -34  
0.000 To 117.4 %



MAT 1631

(n,2n) p  
Cross Section

16-S -34  
0.000 To 842.8 %



16-S -34

Incident Energy (MeV)

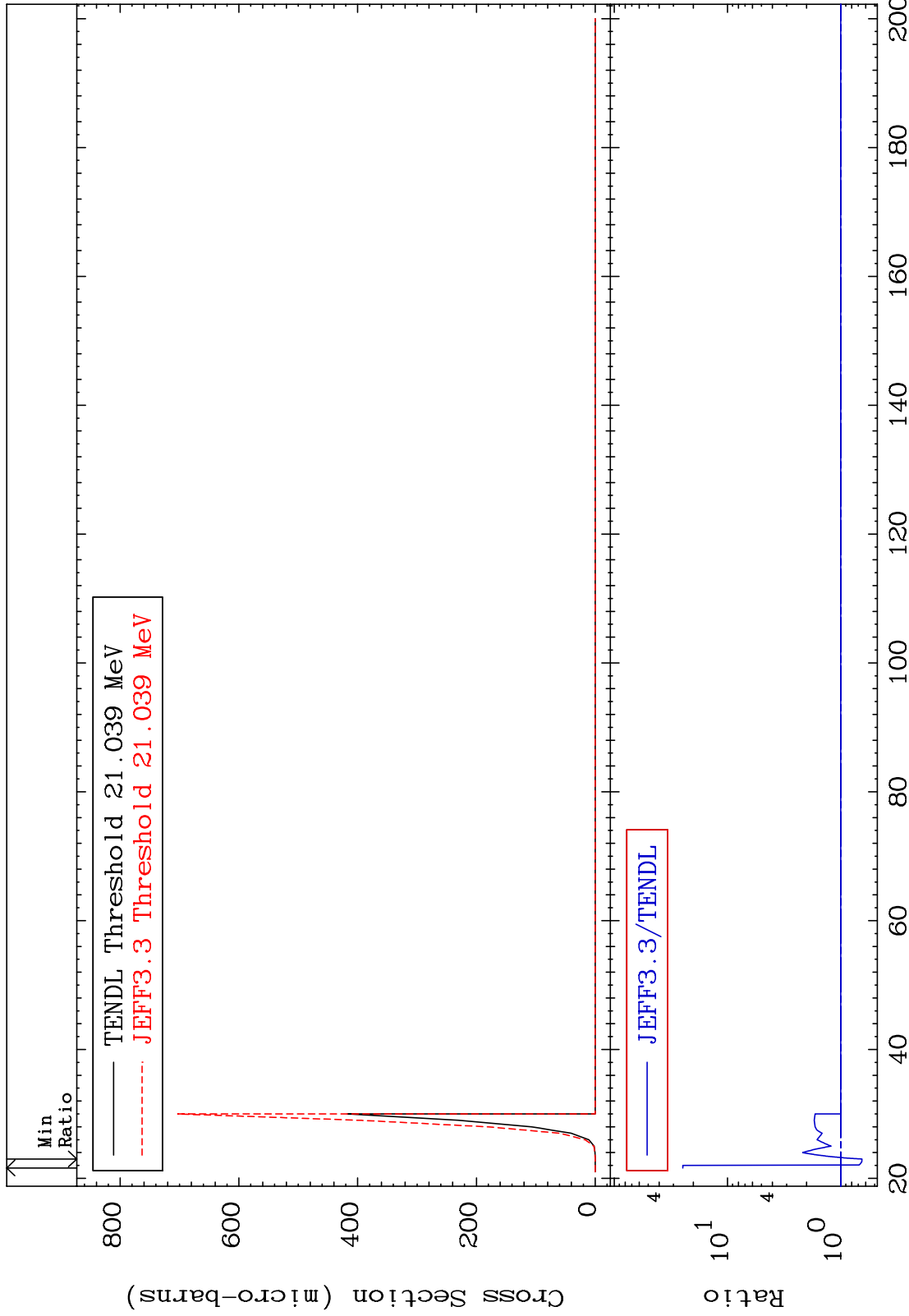
15



MAT 1631

(n,2n) p  
Cross Section

16-S -34  
-35.25 To 2373. %



16

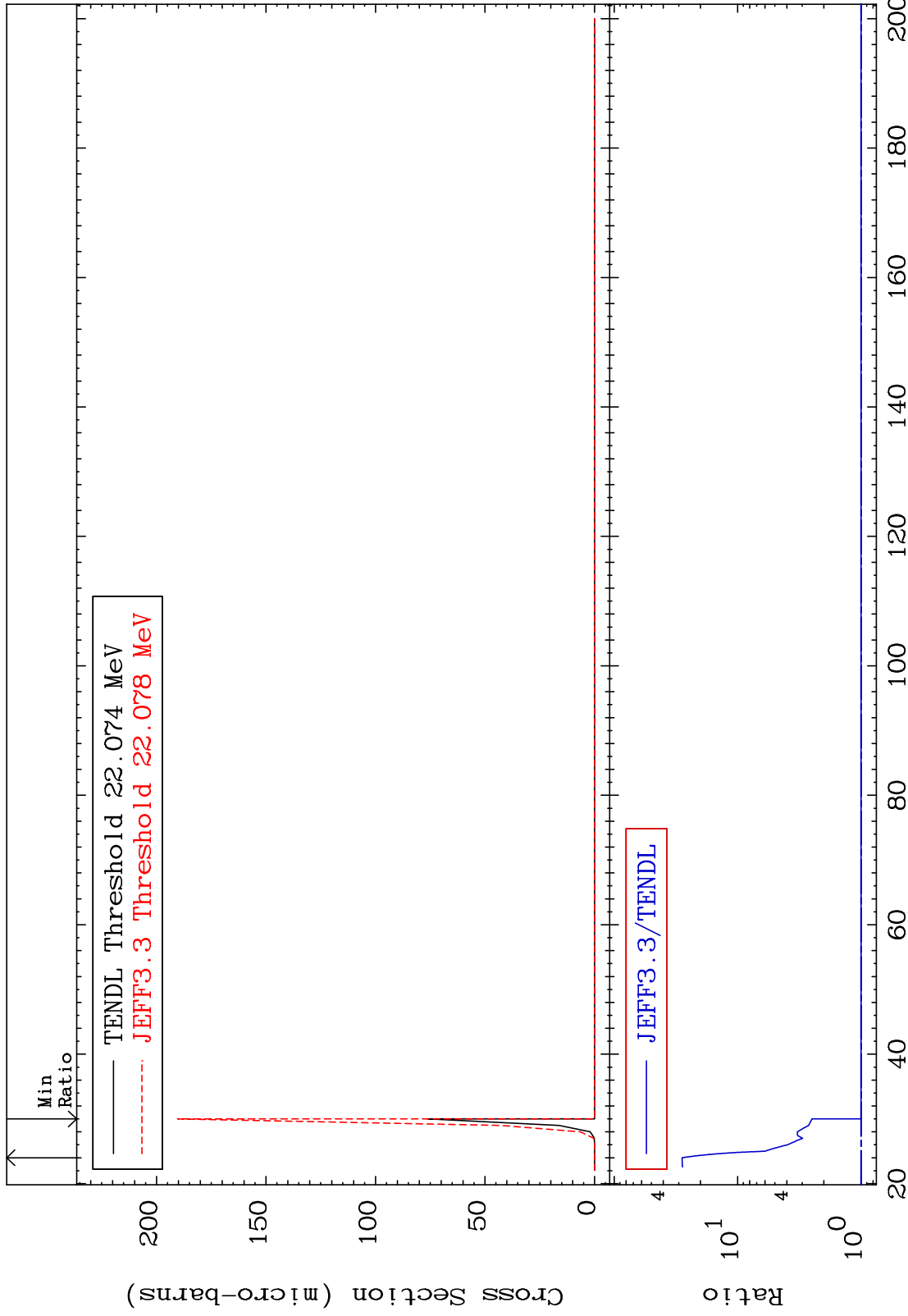
Incident Energy (MeV)

16-S -34

MAT 1631

(n,n') p  $\alpha$   
Cross Section

16-S -34  
0.000 To 2716. %



17

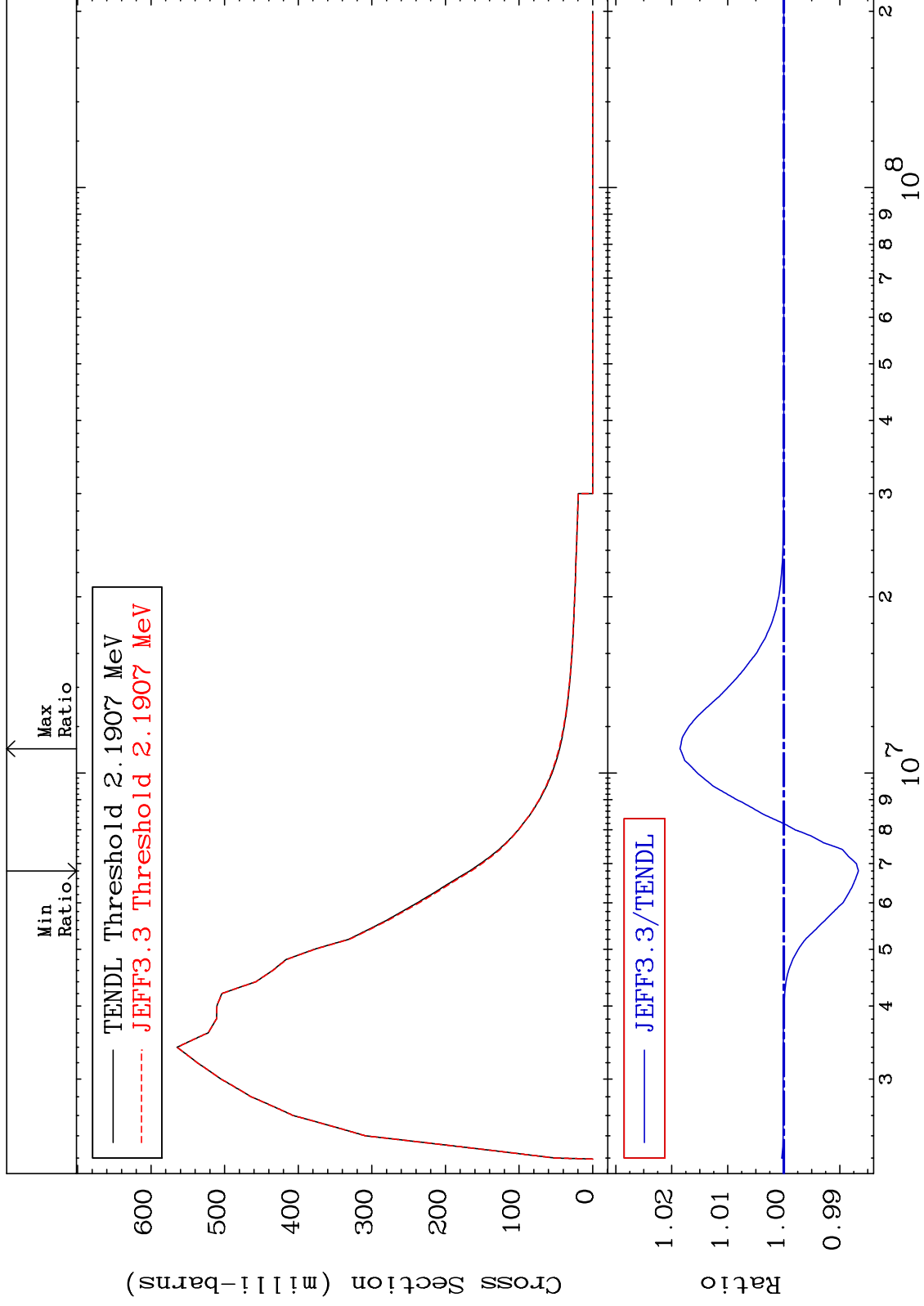
Incident Energy (MeV)

16-S -34

MAT 1631

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

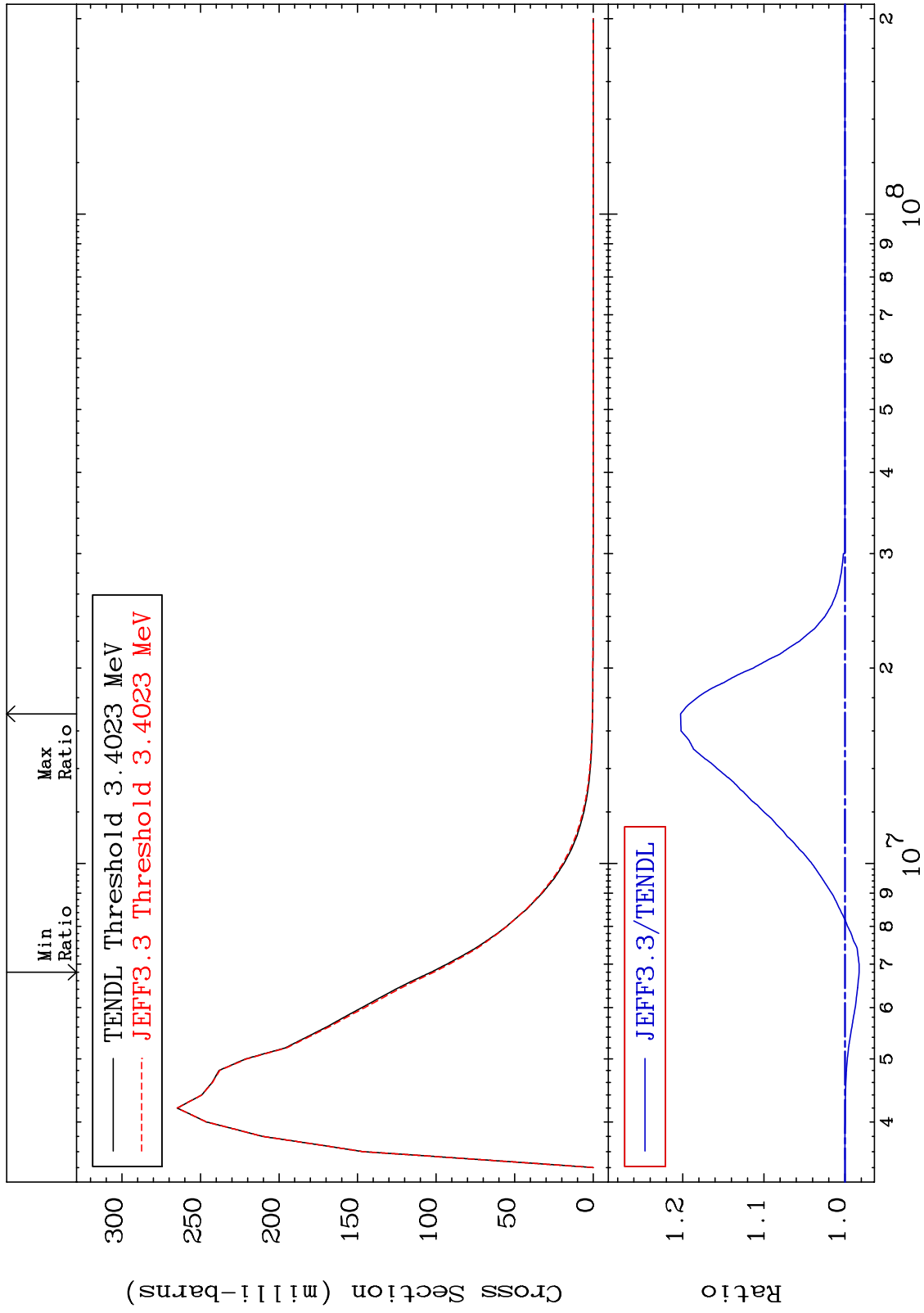
16-S -34  
-1.333 To 1.853 %



MAT 1631

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

16-S -34  
-1.740 To 20.25 %



19

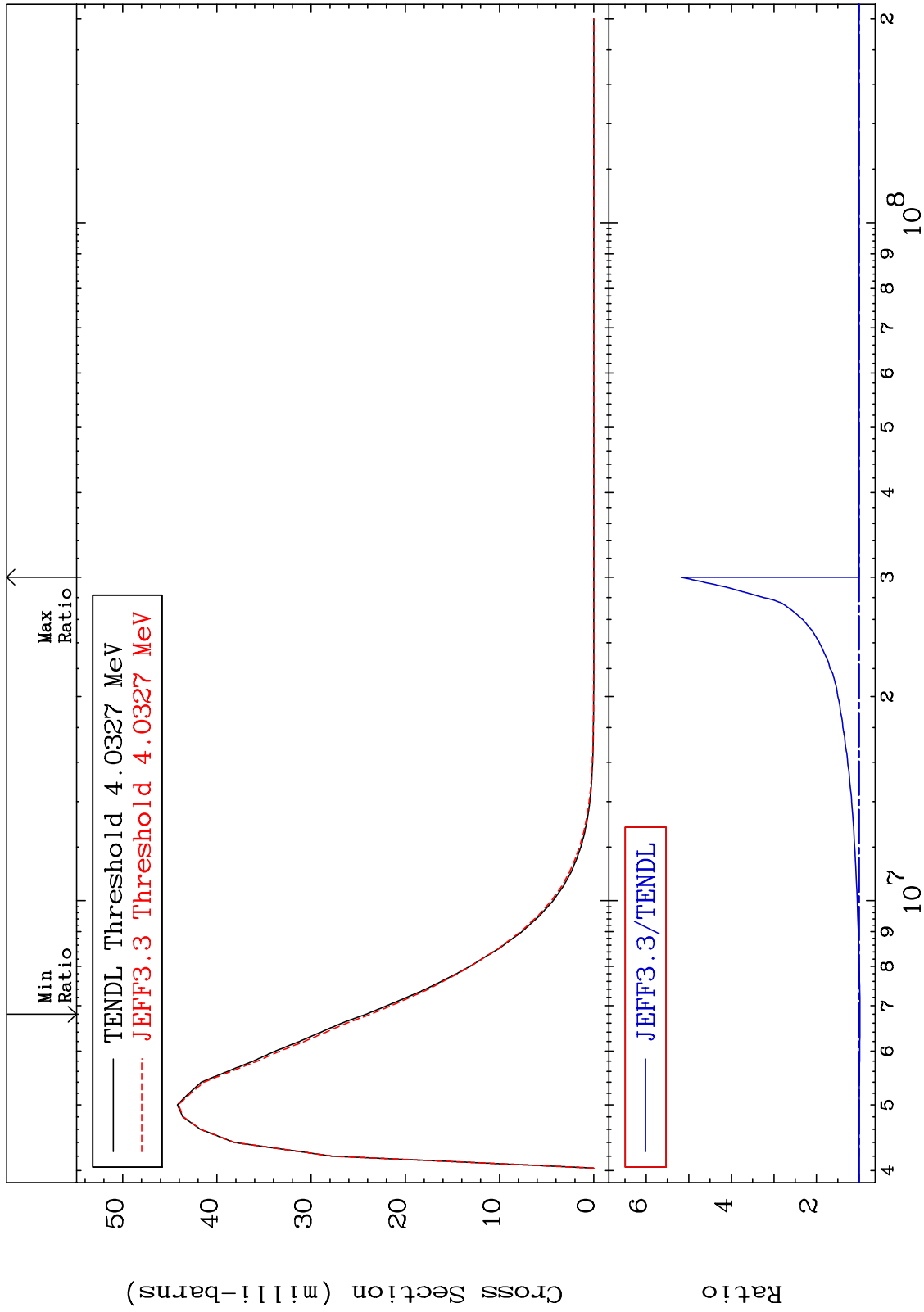
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-2.059 To 417.7 %



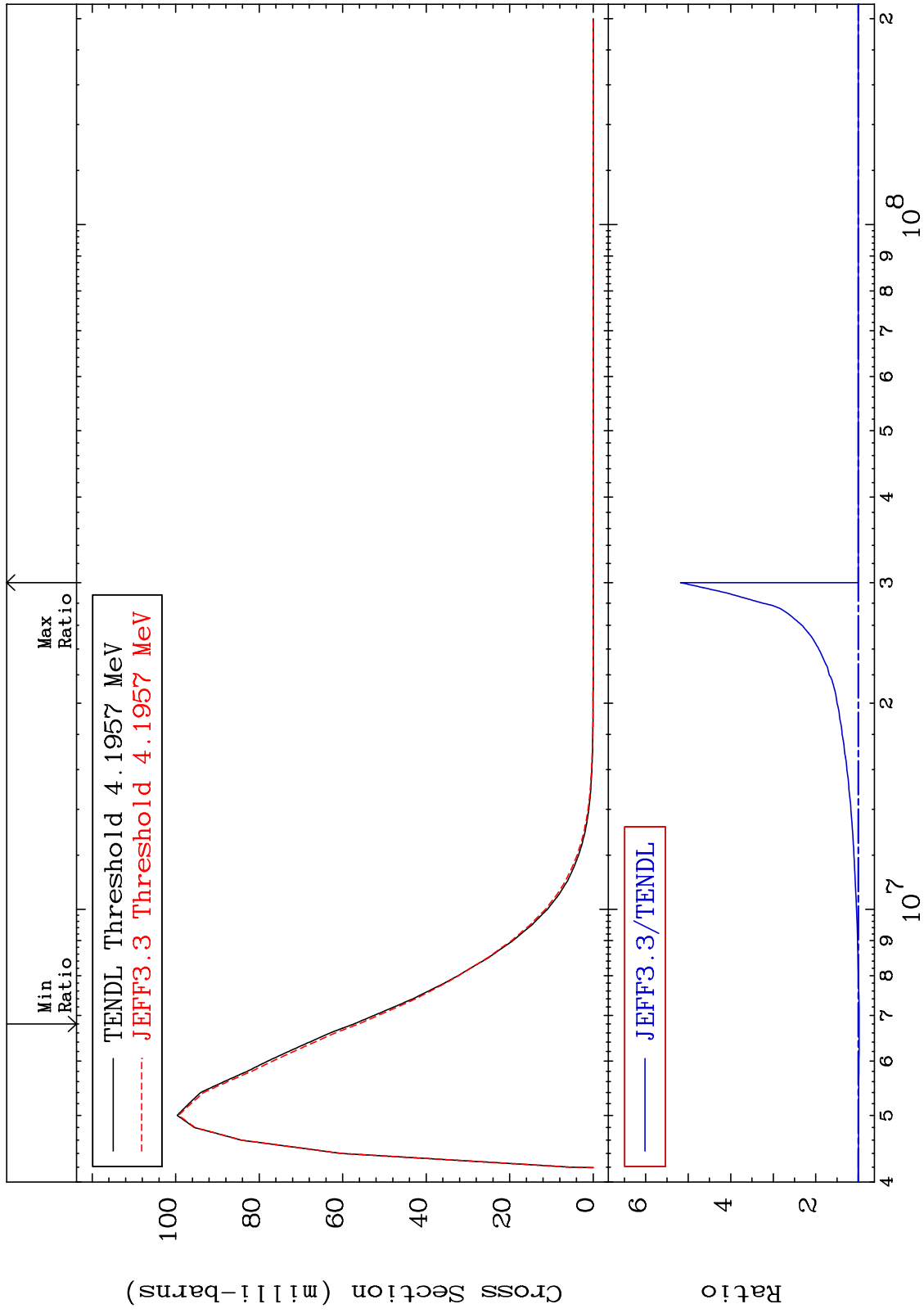
20

16-S -34

MAT 1631

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

16-S -34  
-1.990 To 417.8 %



21

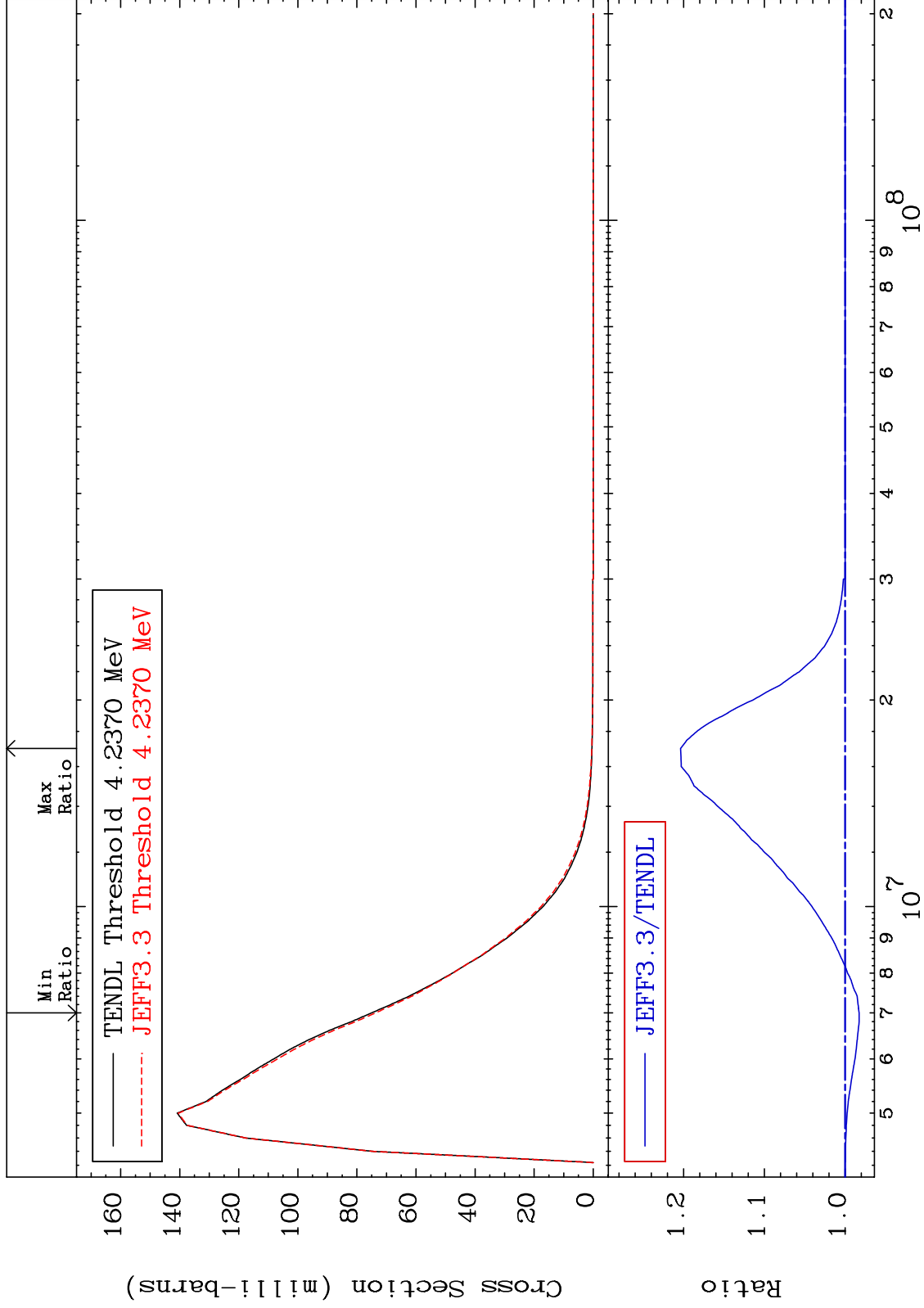
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-1.743 To 20.38 %



22

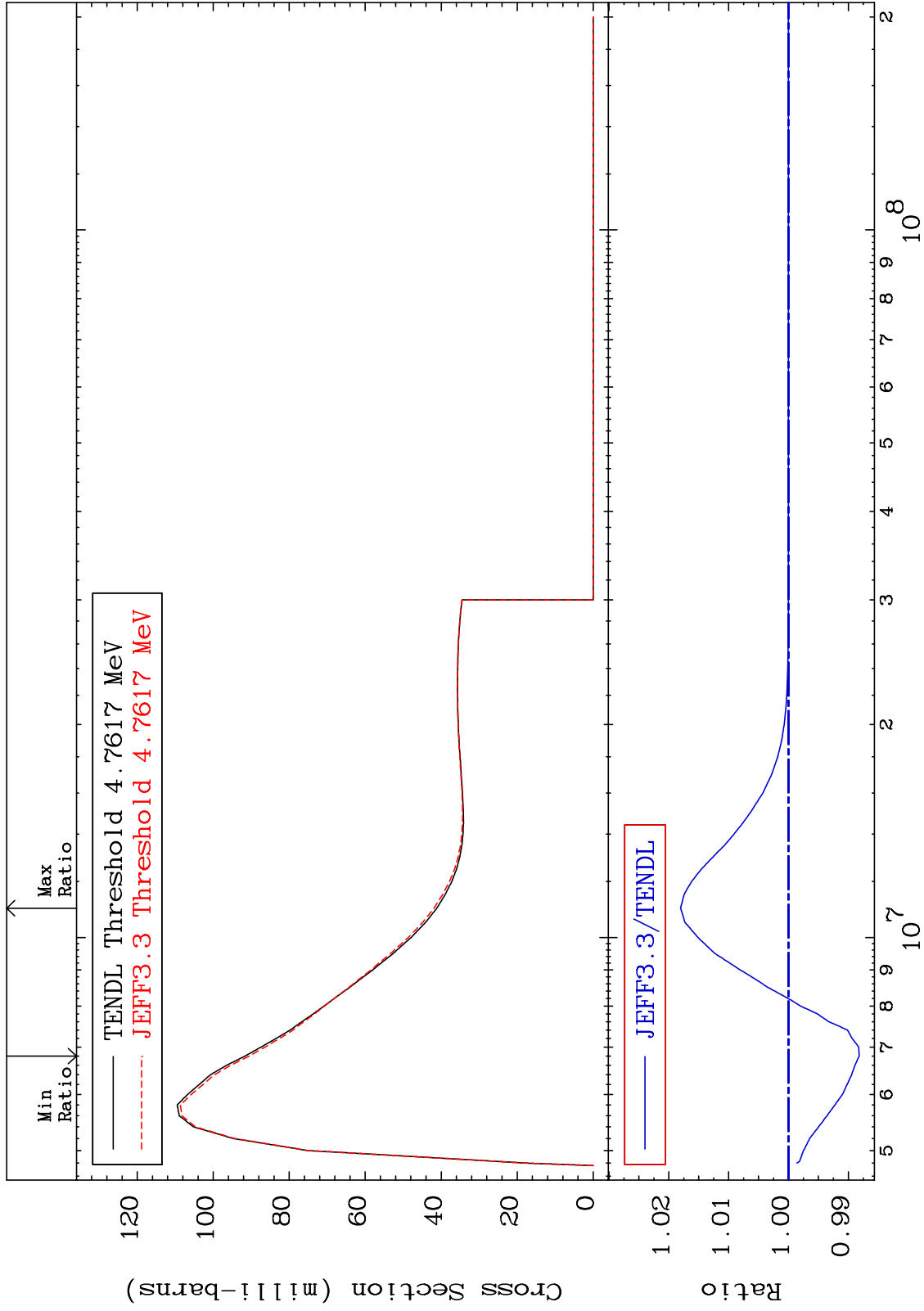
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-1.181 To 1.803 %

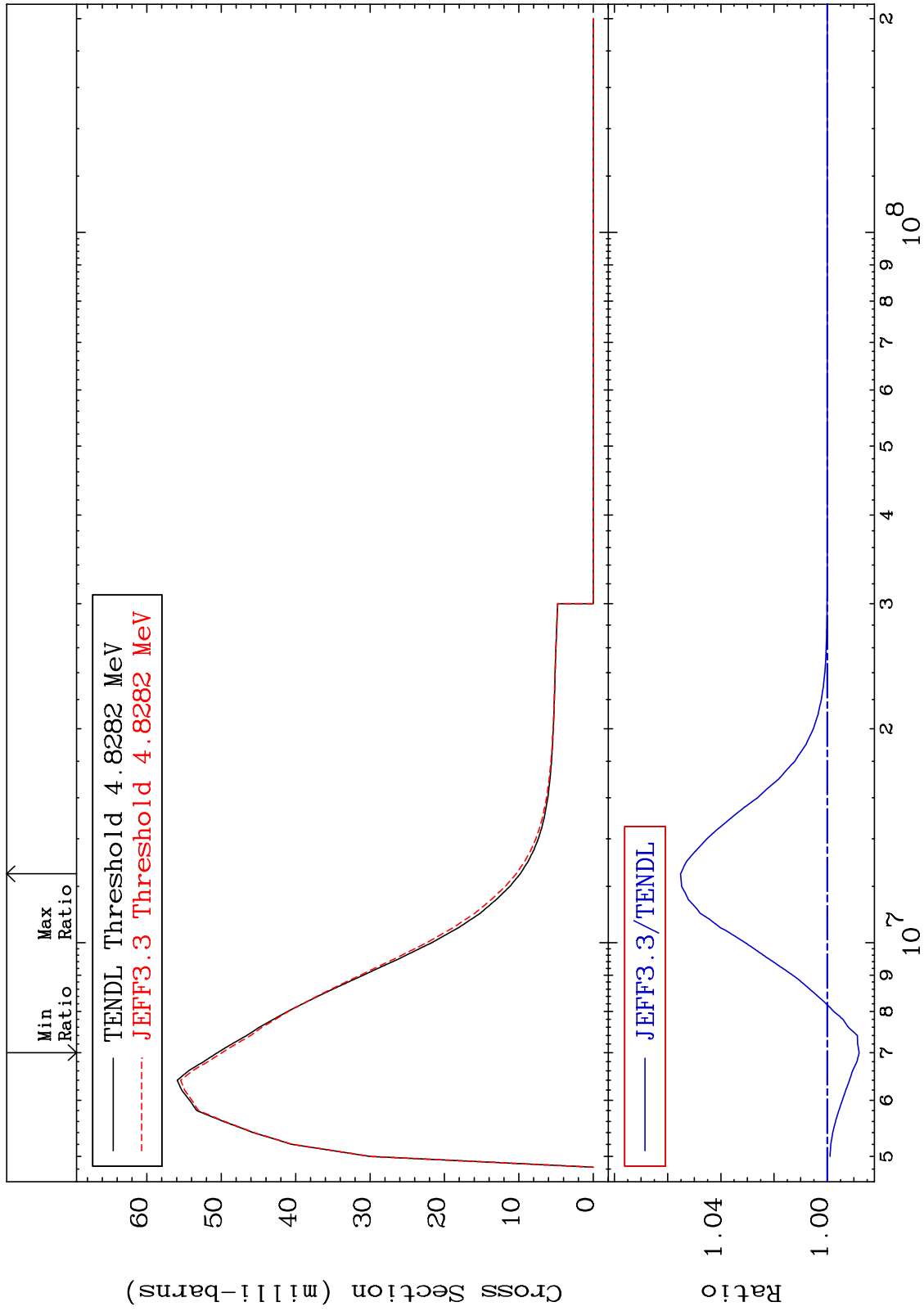




MAT 1631

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

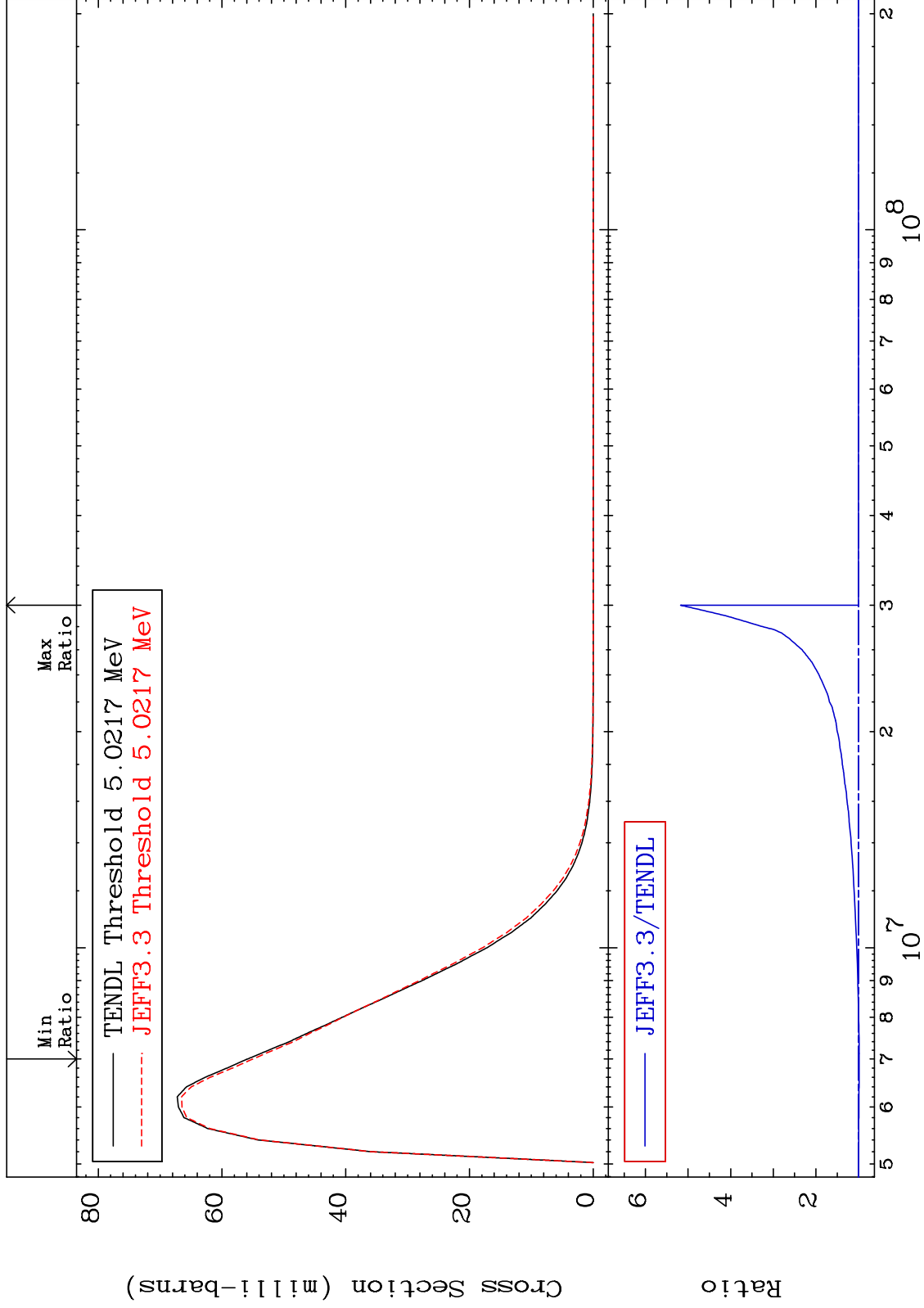
16-S -34  
-1.201 To 5.513 %



MAT 1631

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

16-S -34  
-1.542 To 417.5 %



25

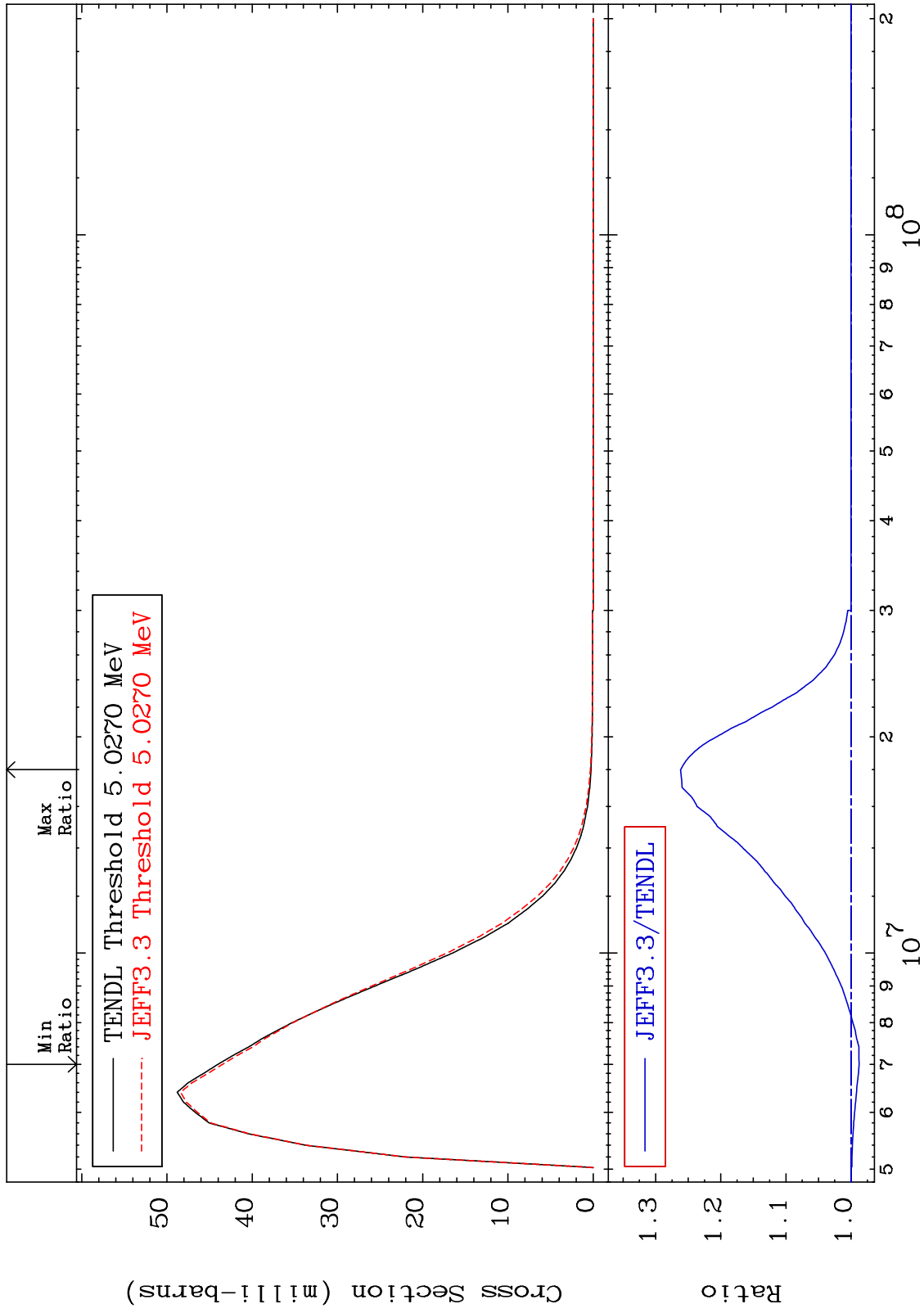
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-1.245 To 26.17 %



26

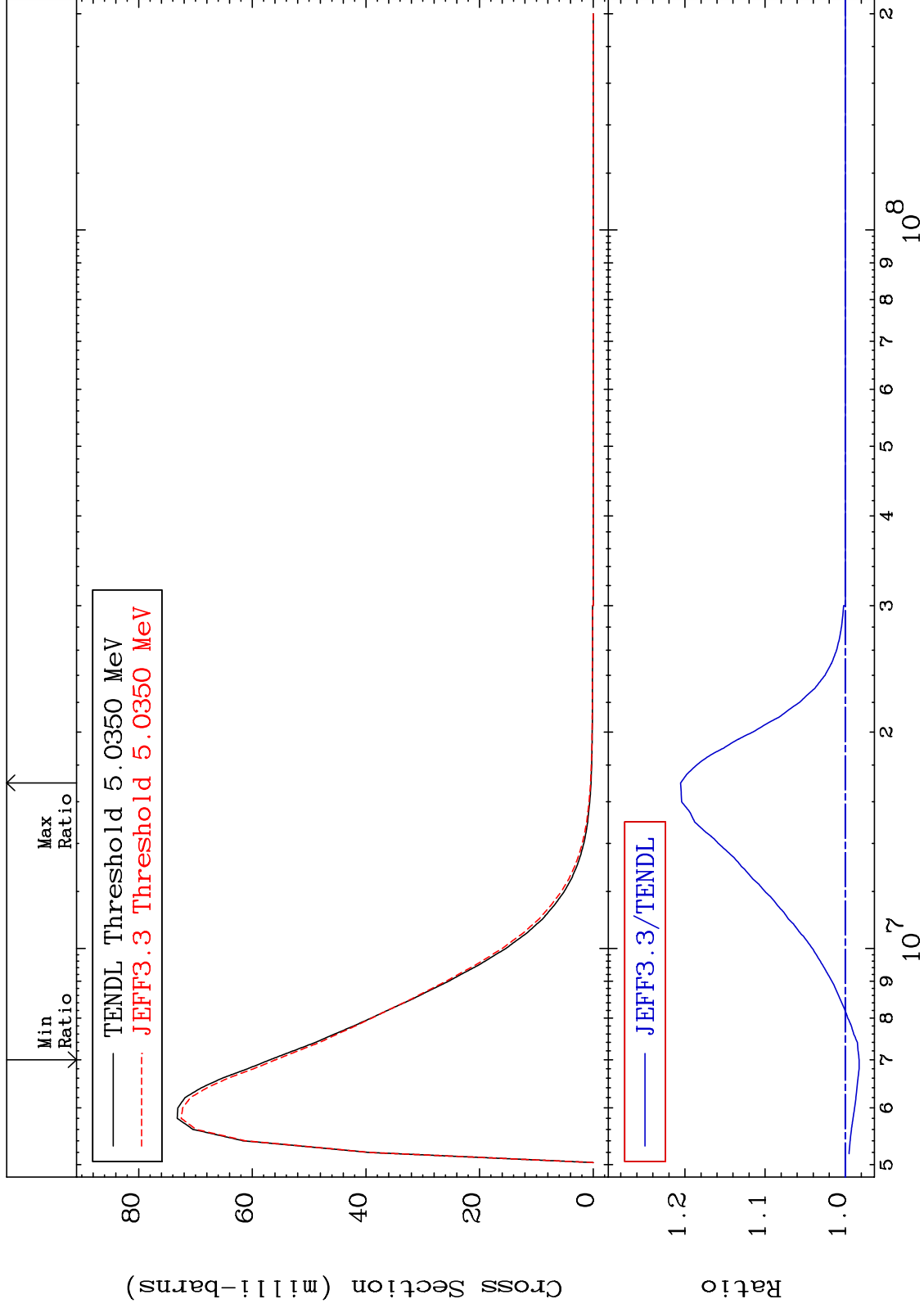
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-1.733 To 20.54 %

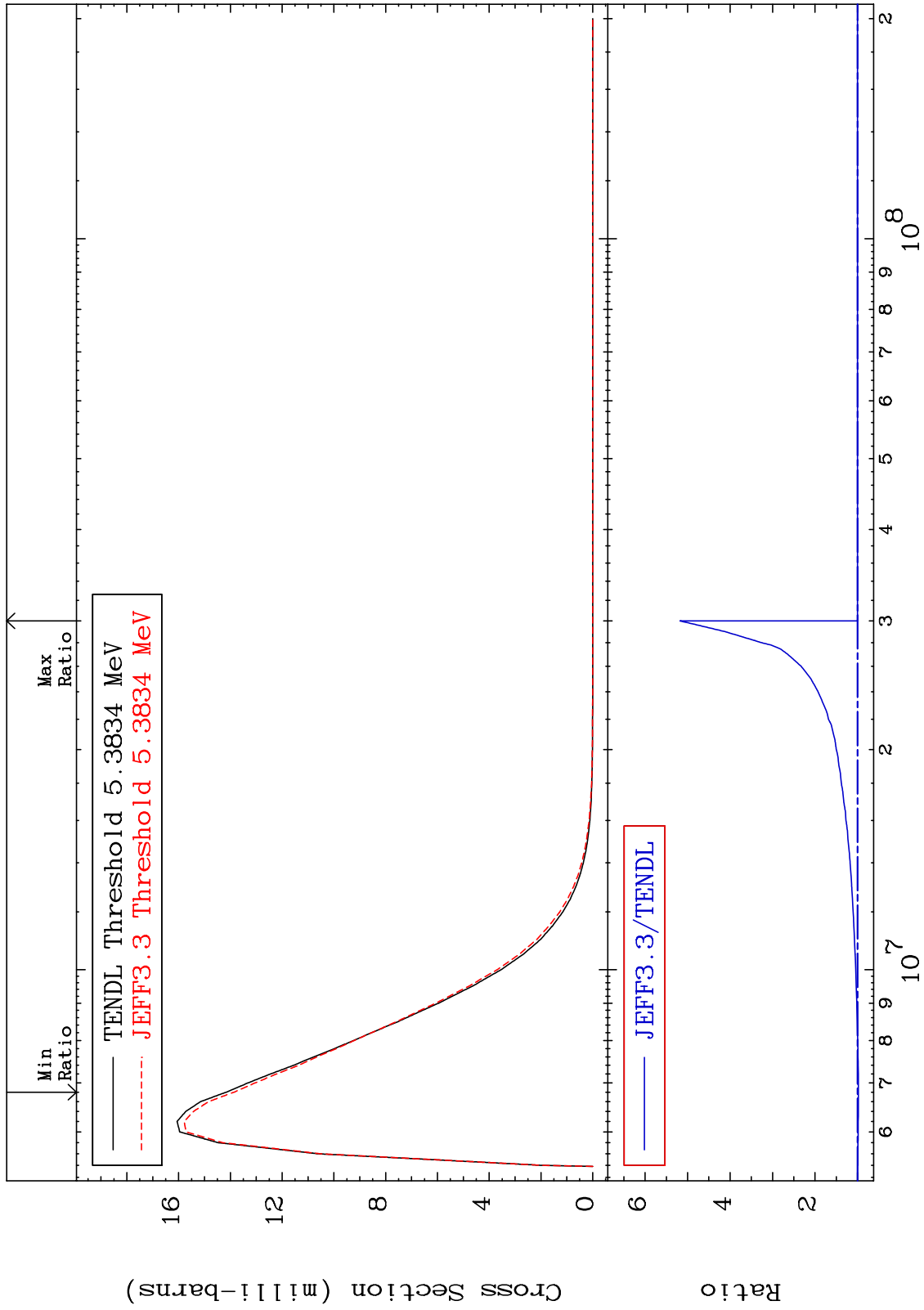


27

Incident Energy (eV)

16-S -34

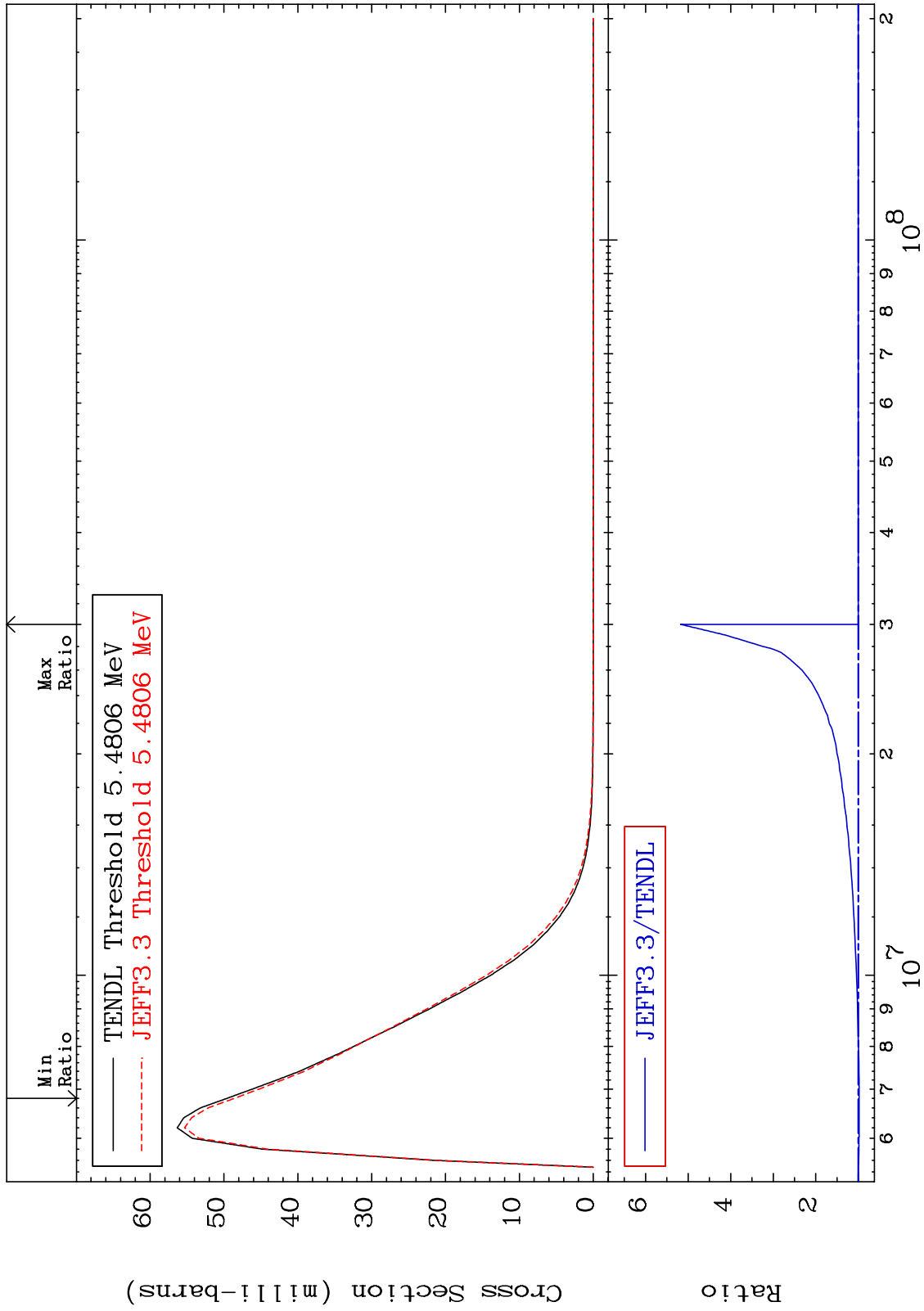
MAT 1631 MT= 61 (n,n') Level Cross Section -2.125 To 417.8 % 16-S -34



MAT 1631

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

16-S -34  
-2.023 To 417.7 %



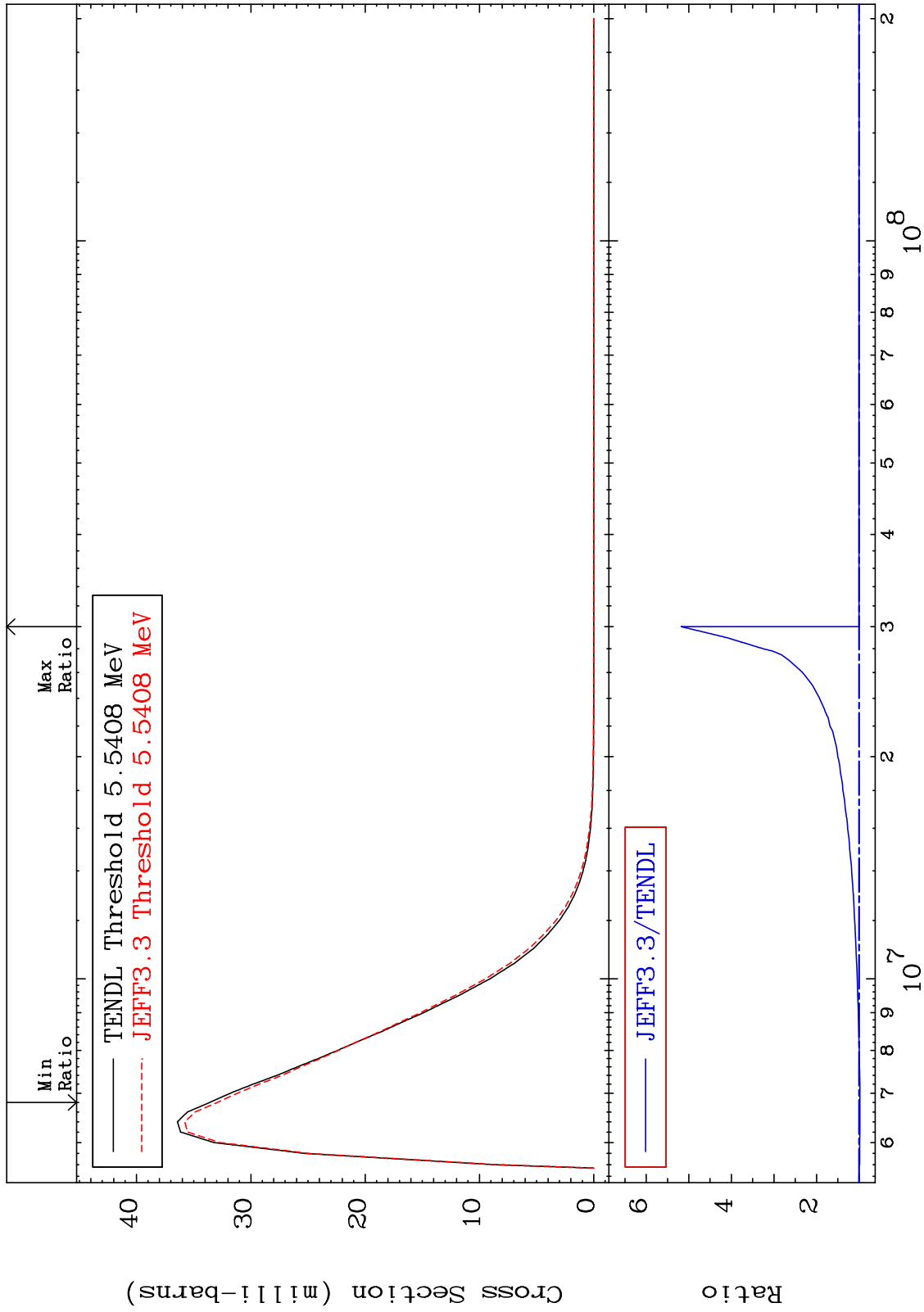
29

16-S -34

MAT 1631

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

16-S -34  
-1.986 To 417.8 %



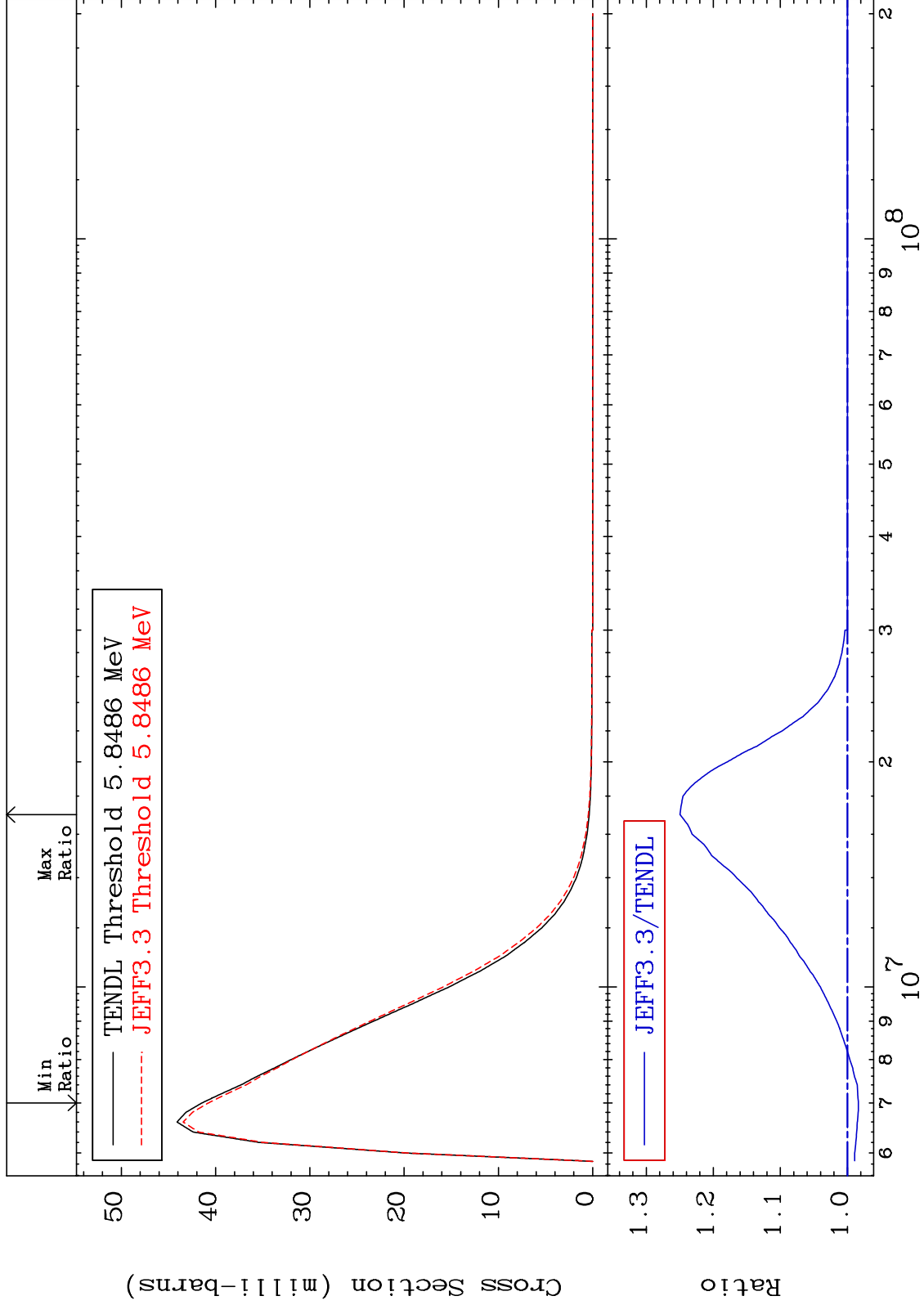
30

16-S -34

MAT 1631

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

16-S -34  
-1.639 To 24.97 %

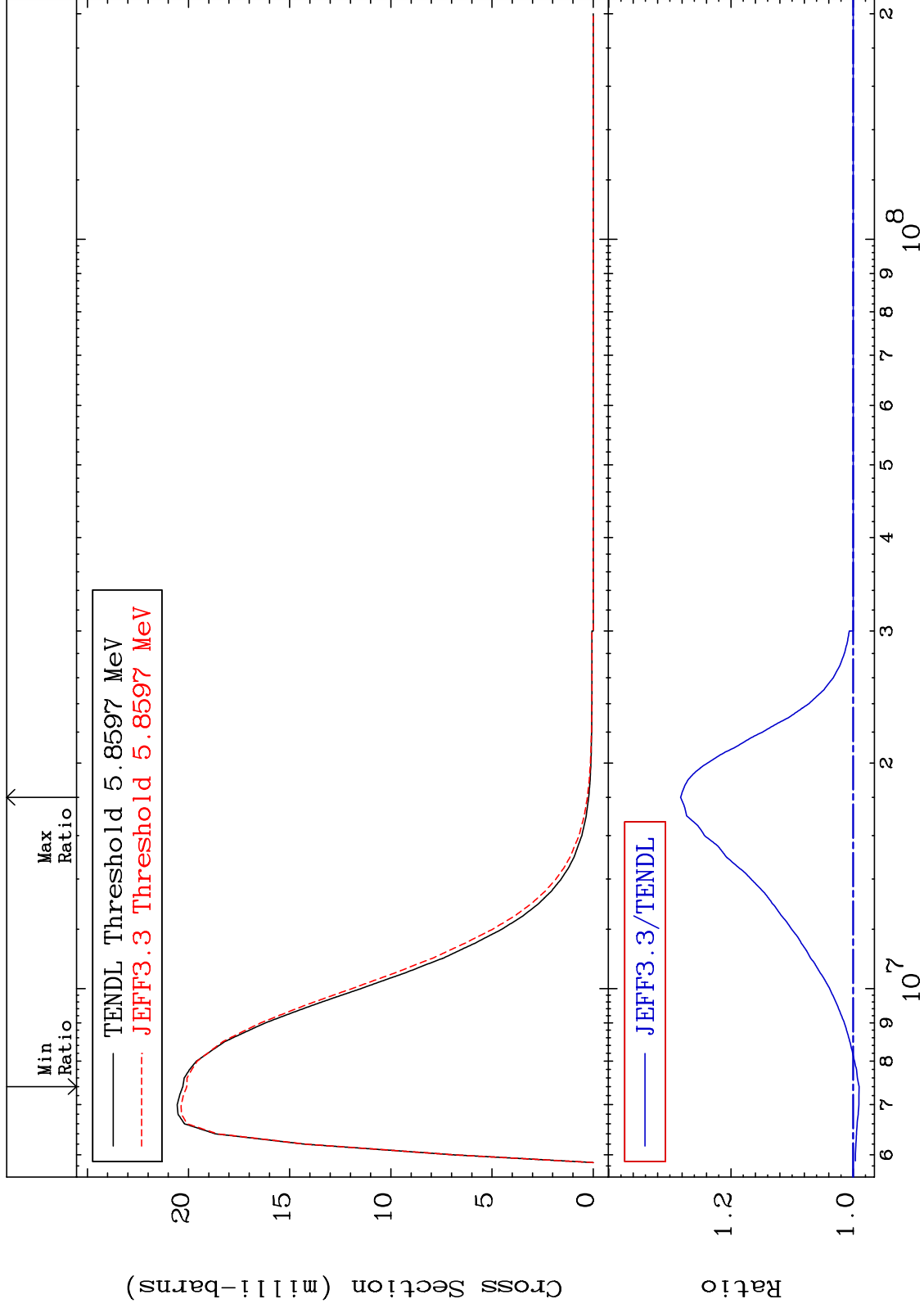




MAT 1631

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

16-S -34  
-0.981 To 28.24 %



32

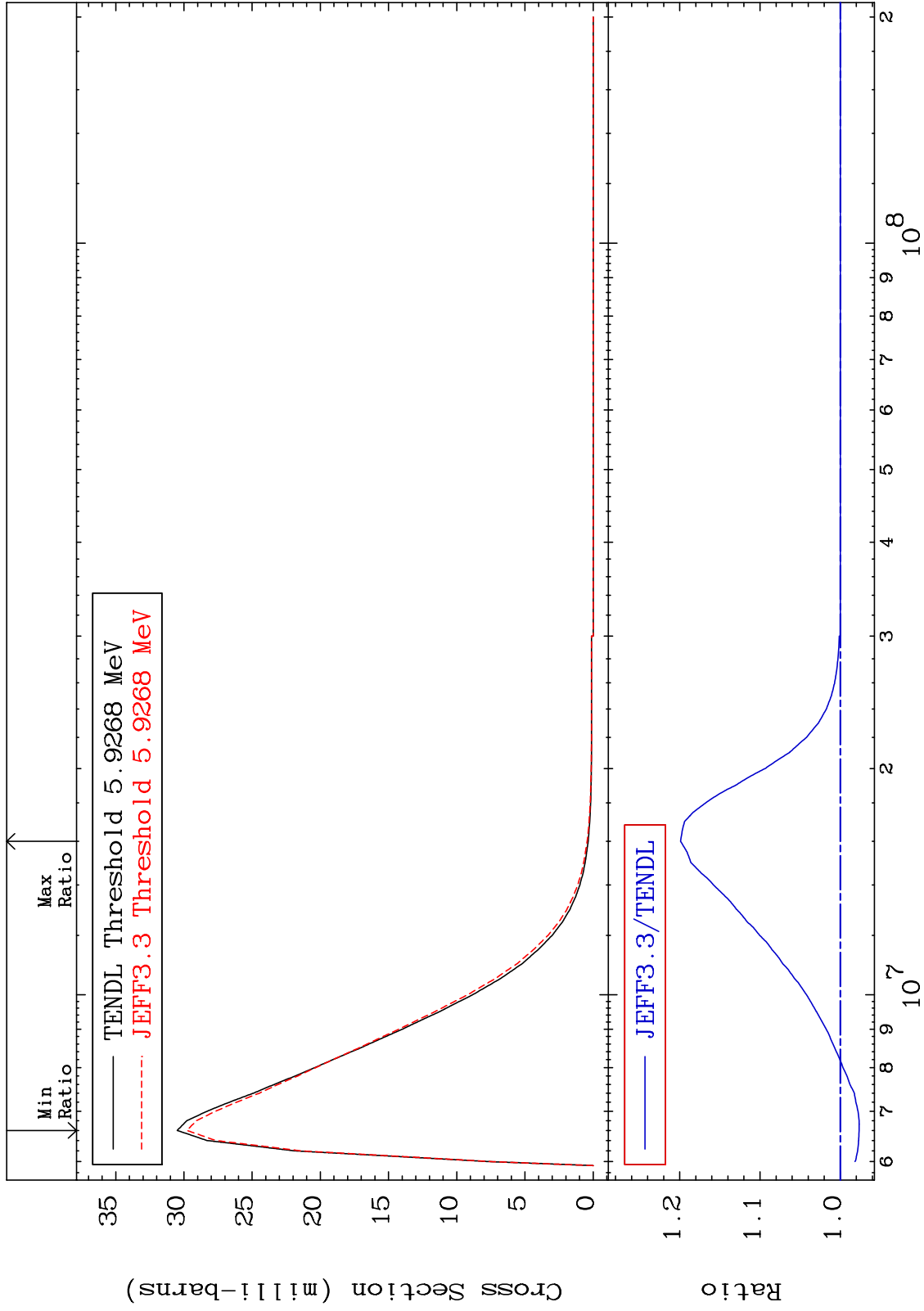
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-2.349 To 19.89 %



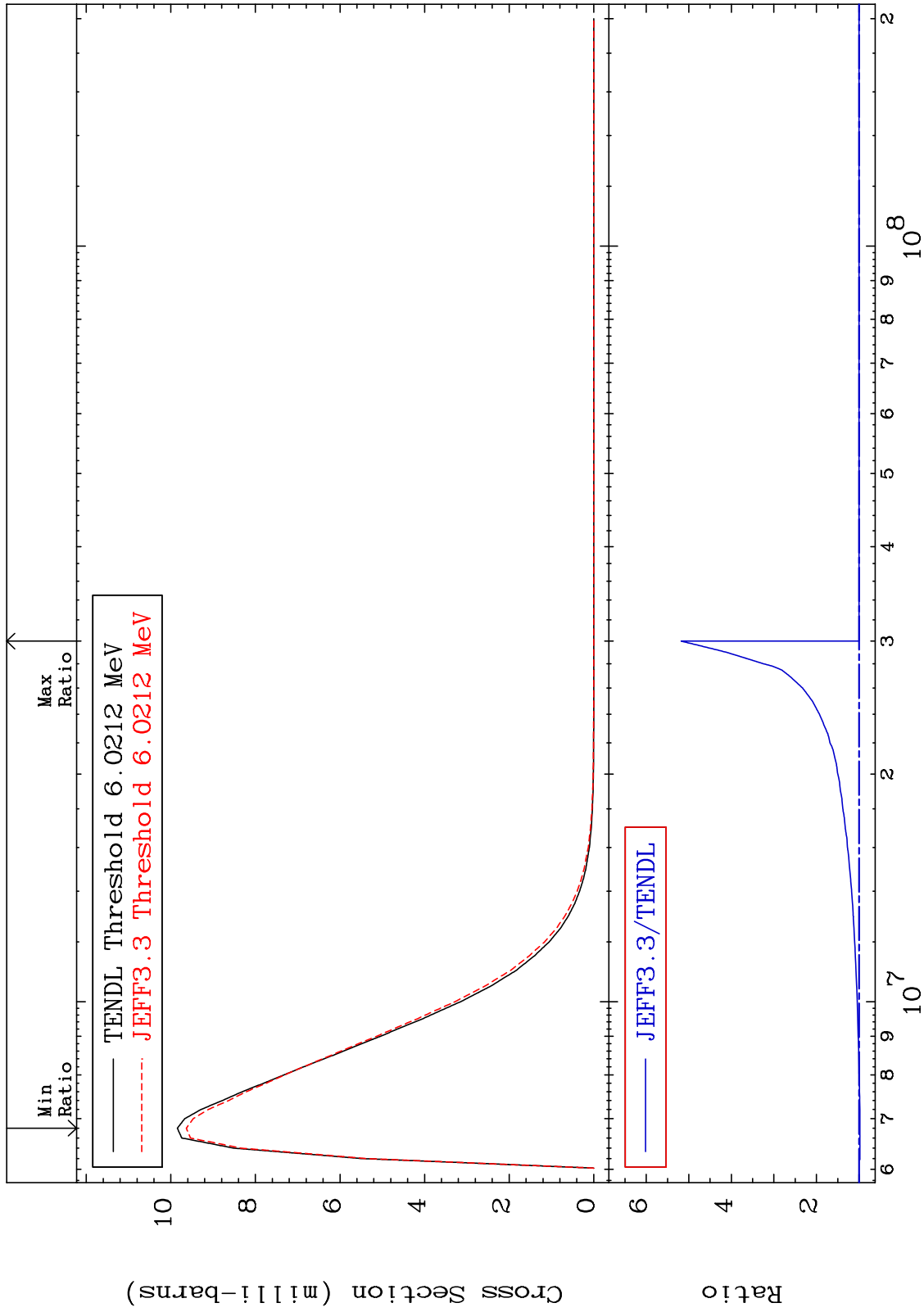
33

16-S -34

MAT 1631

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

16-S -34  
-2.152 To 417.8 %



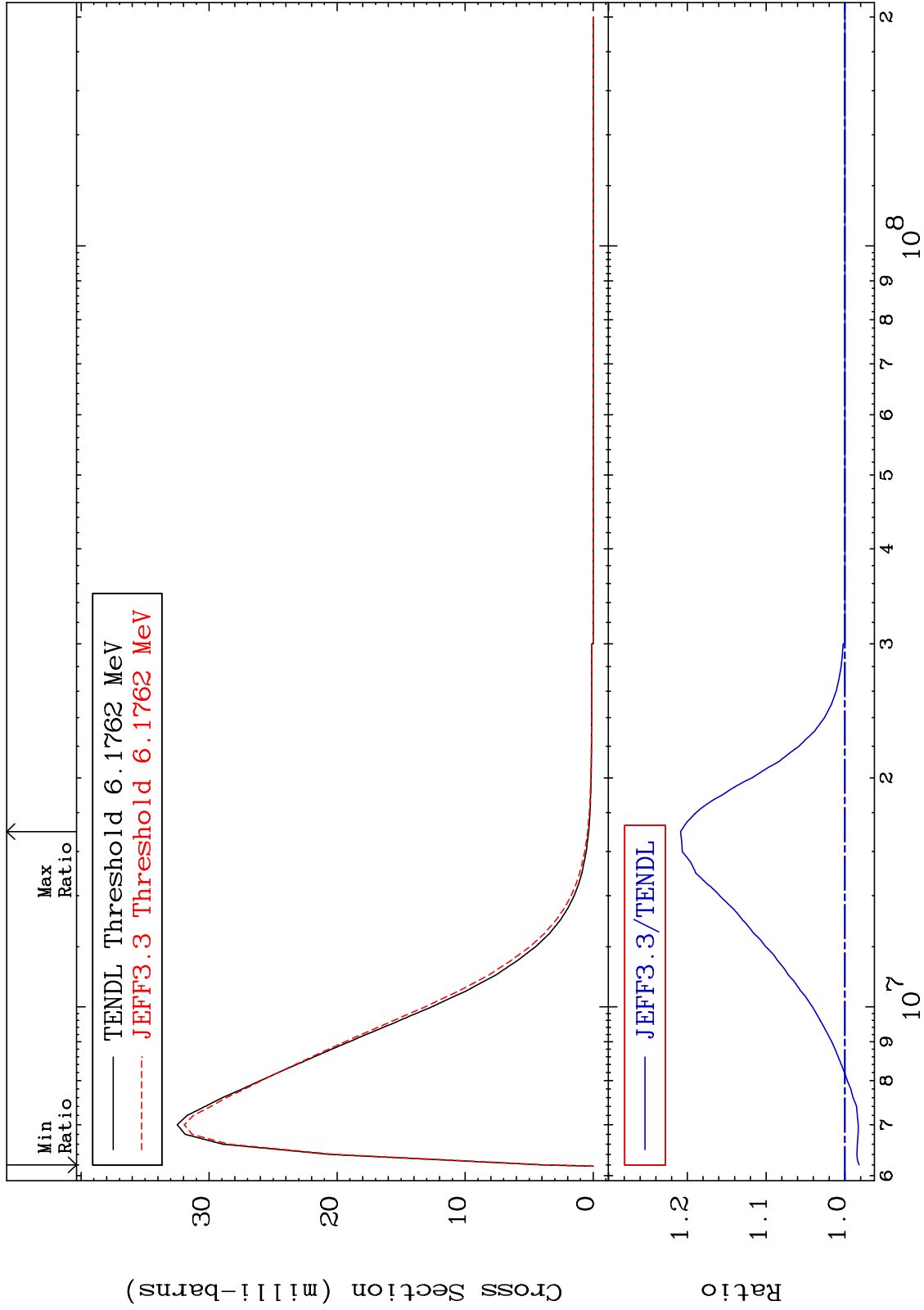
34

16-S -34

MAT 1631

MT= 68 (n,n') Level  
Cross Section

16-S -34  
-1.812 To 20.85 %



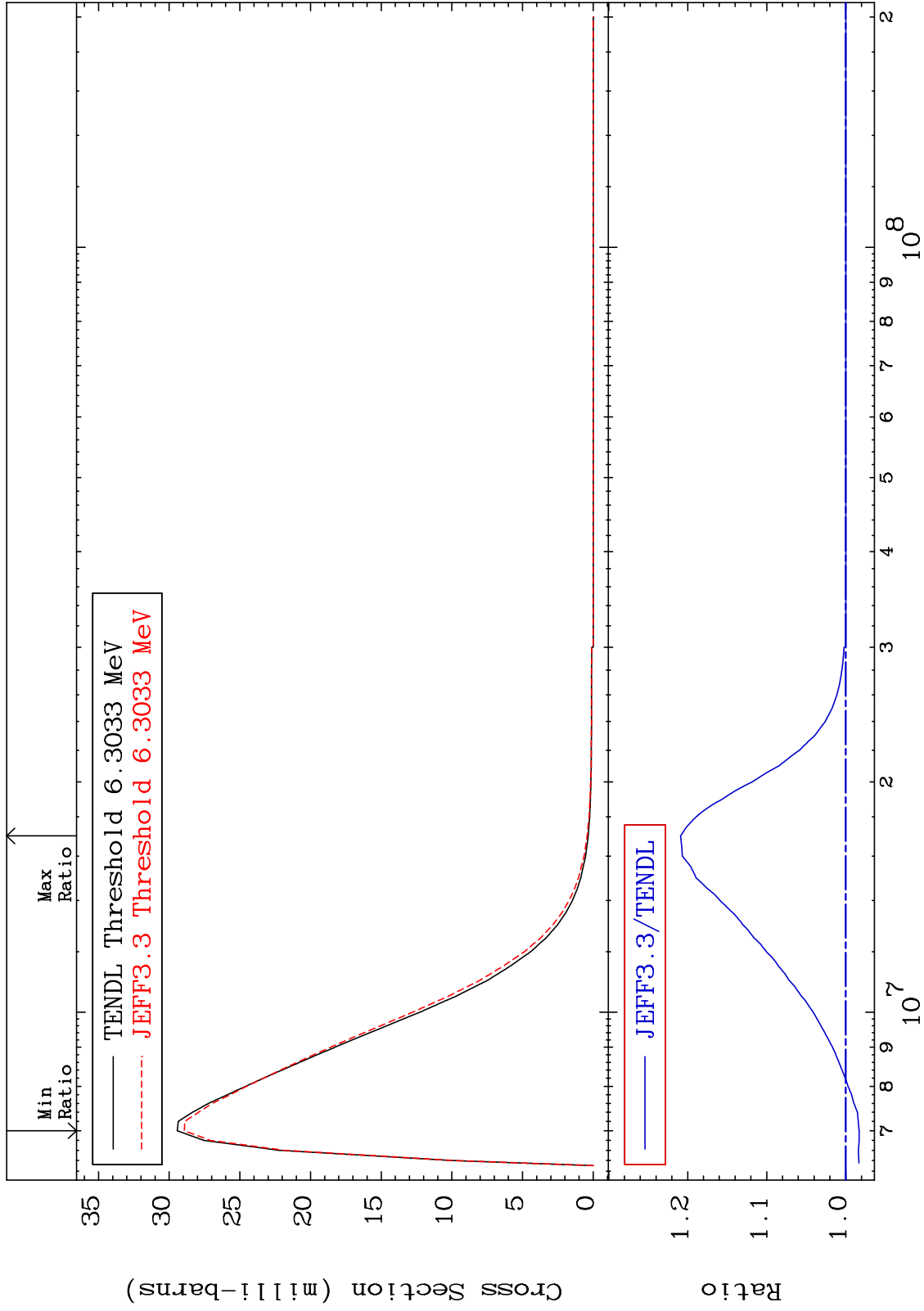
35

16-S -34

MAT 1631

MT= 69 (n,n') Level  
Cross Section

16-S -34  
-1.699 To 20.89 %



36

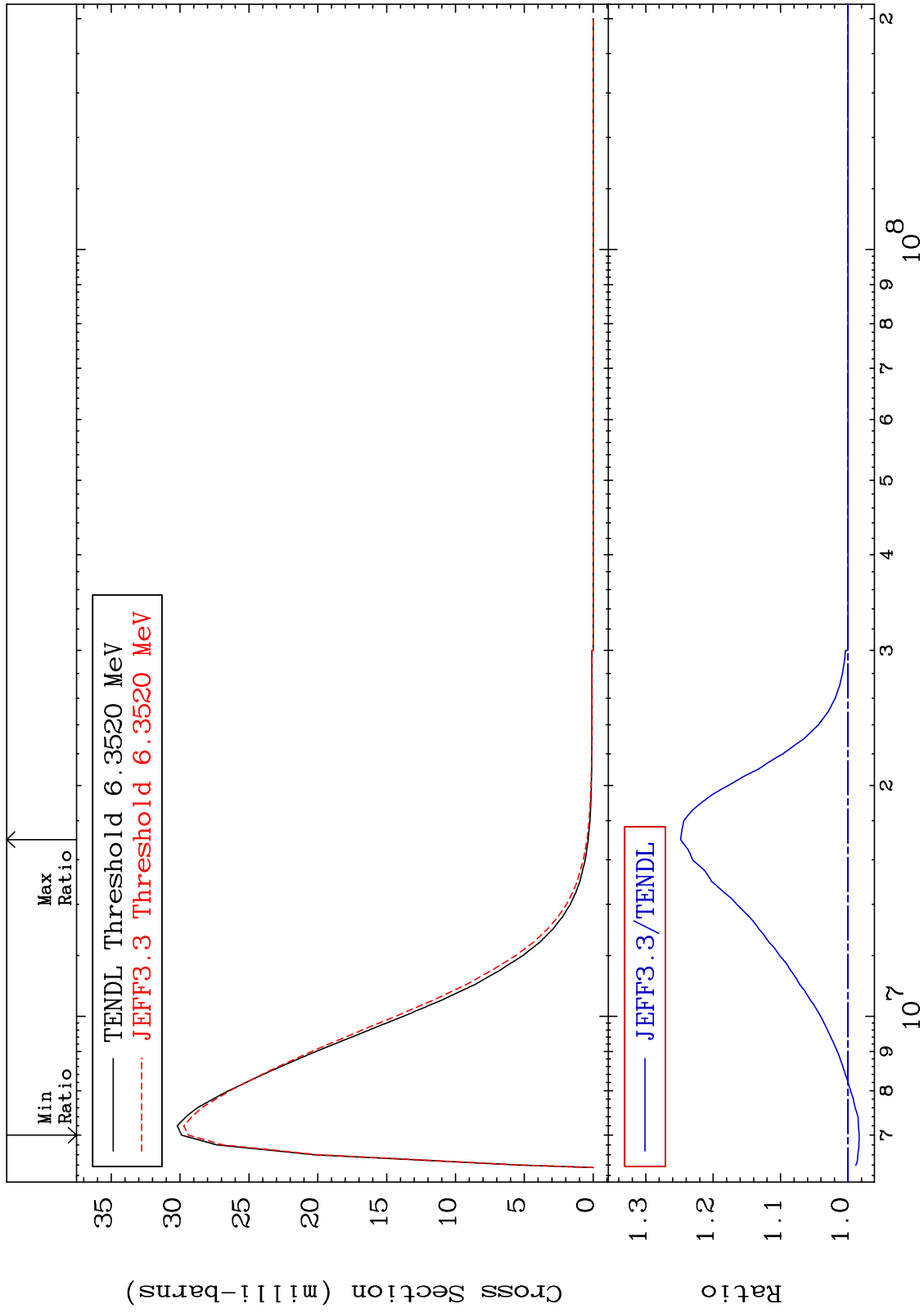
Incident Energy (eV)

16-S -34

MAT 1631

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

16-S -34  
-1.662 To 24.83 %



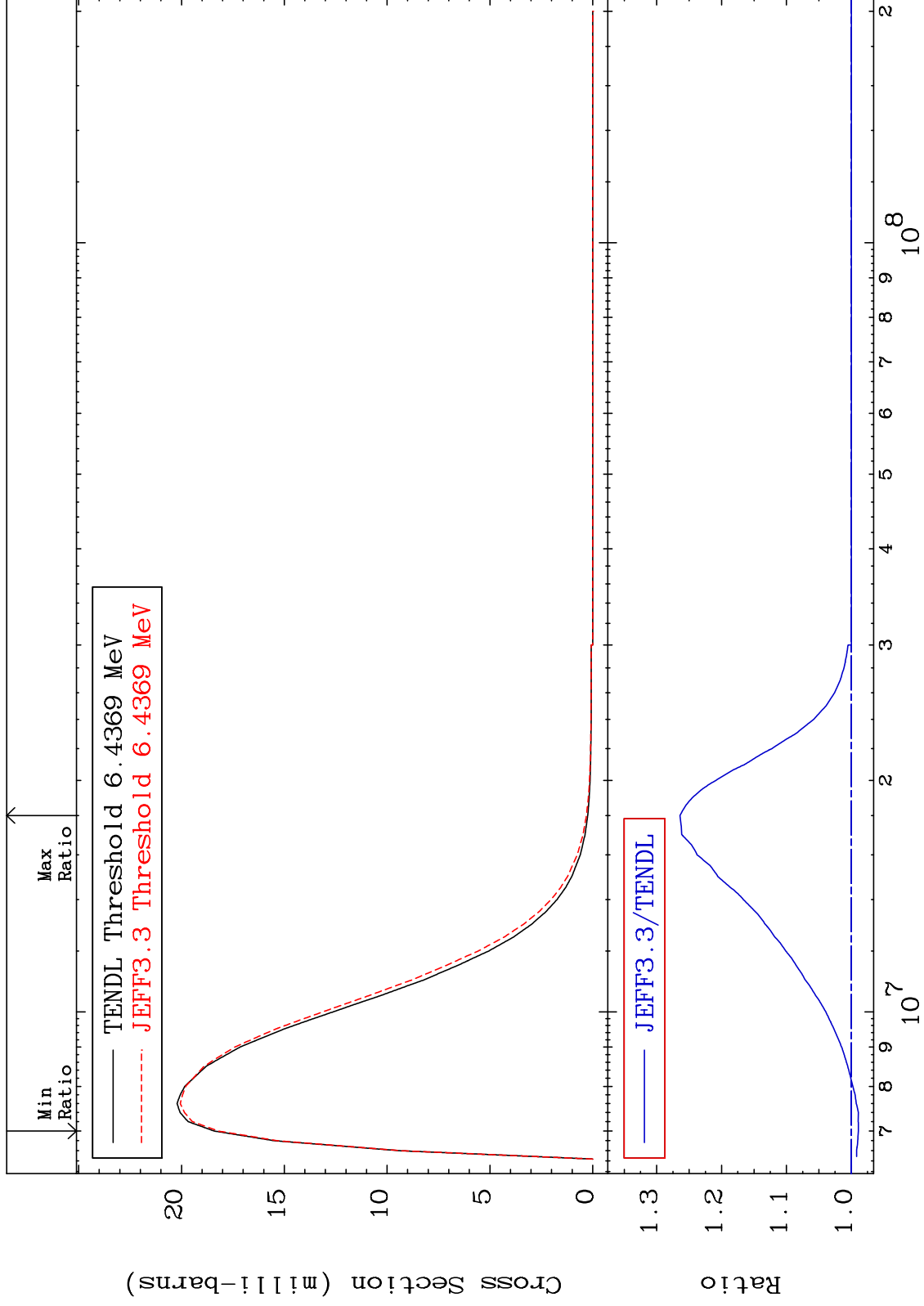
37

16-S -34

MAT 1631

MT= 71 (n,n') Level  
Cross Section

16-S -34  
-1.092 To 26.41 %



38

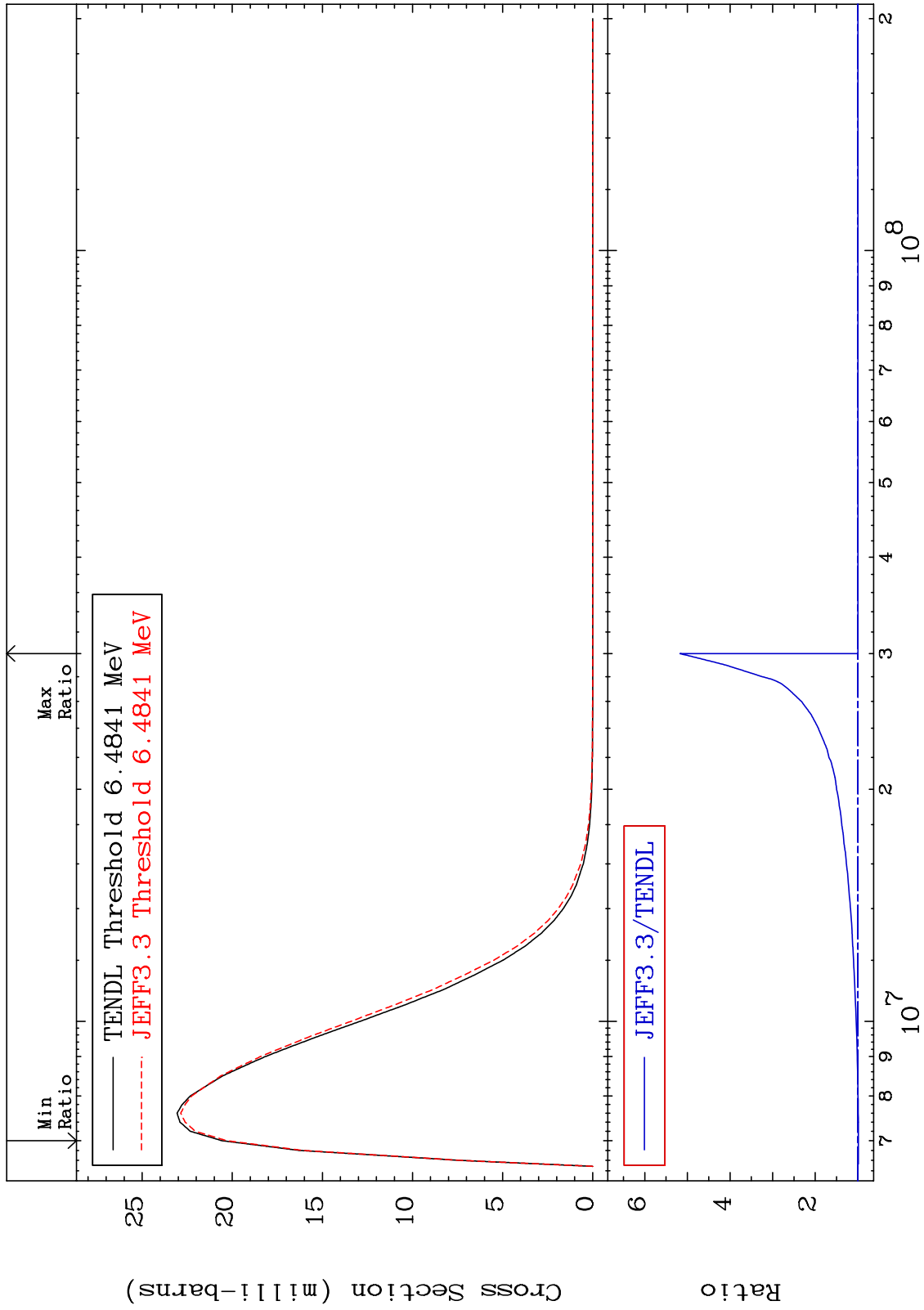
Incident Energy (eV)

16-S -34

MAT 1631

MT= 72 (n,n') Level  
Cross Section

16-S -34  
-1.271 To 417.3 %



39

Incident Energy (eV)

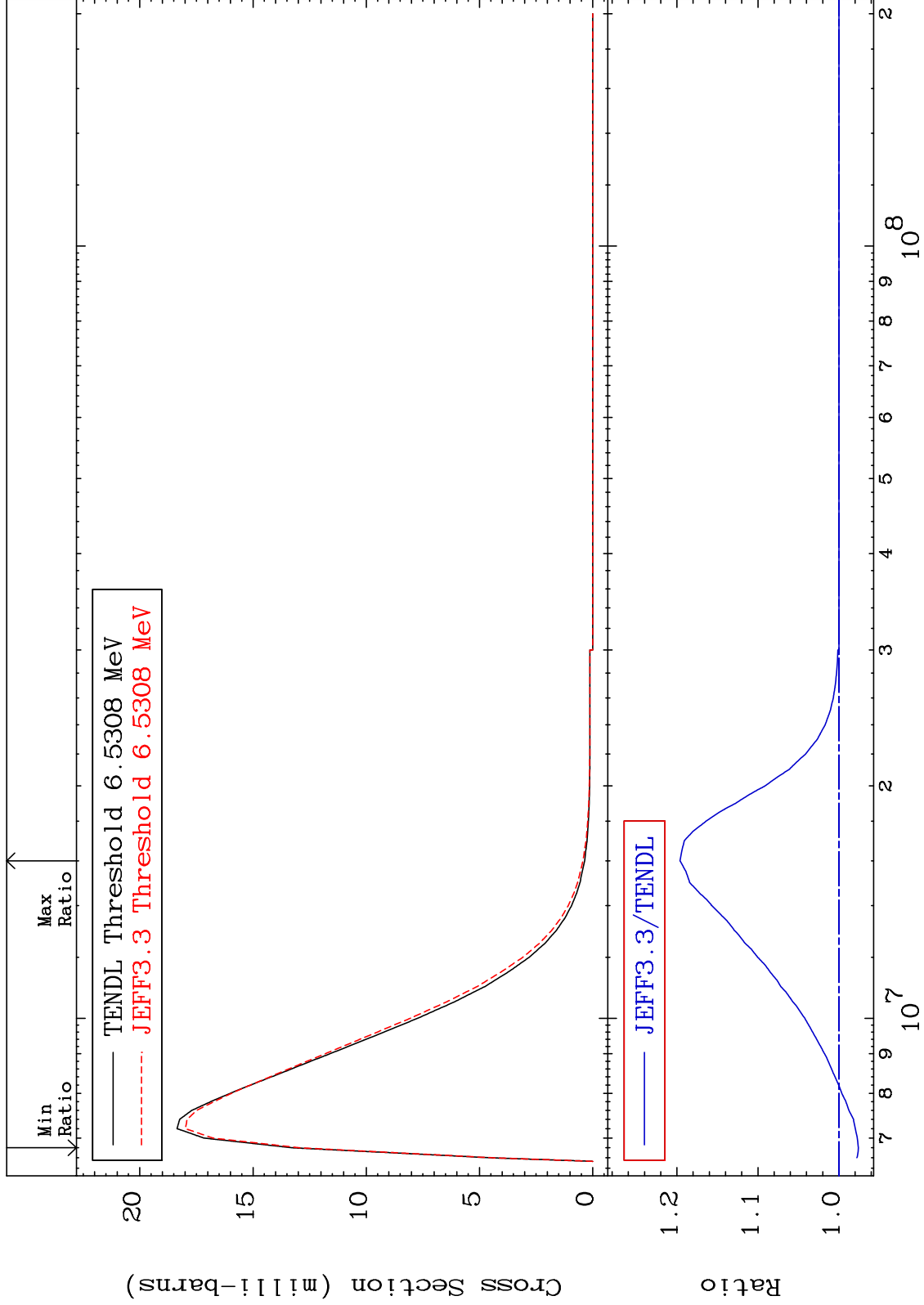
16-S -34



MAT 1631

MT= 73 (n,n') Level  
Cross Section

16-S -34  
-2.405 To 19.62 %



40

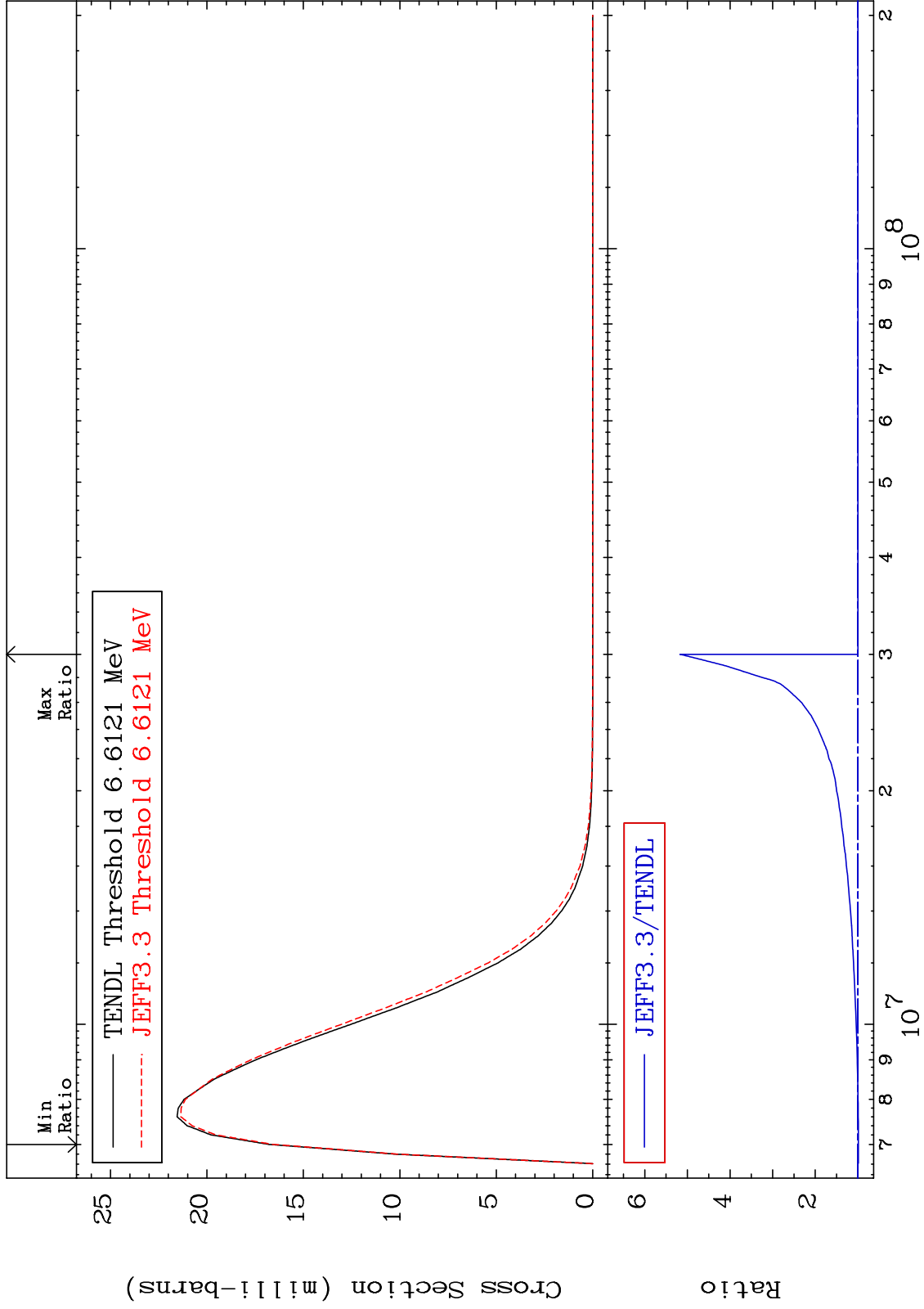
Incident Energy (eV)

16-S -34

MAT 1631

MT= 74 (n,n') Level  
Cross Section

16-S -34  
-1.270 To 417.3 %



41

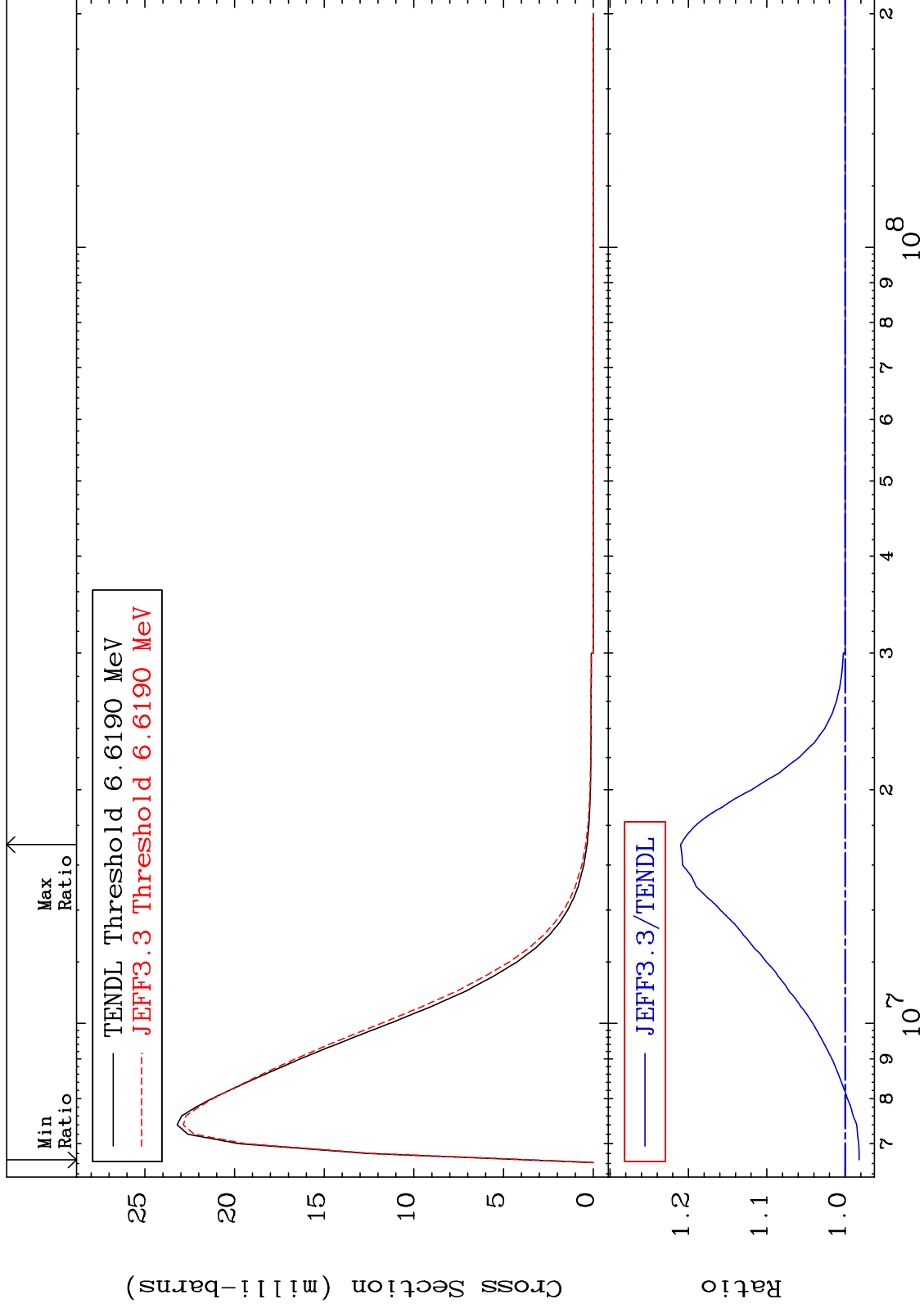
Incident Energy (eV)

16-S -34

MAT 1631

MT= 75 (n,n') Level  
Cross Section

16-S -34  
-1.786 To 21.00 %



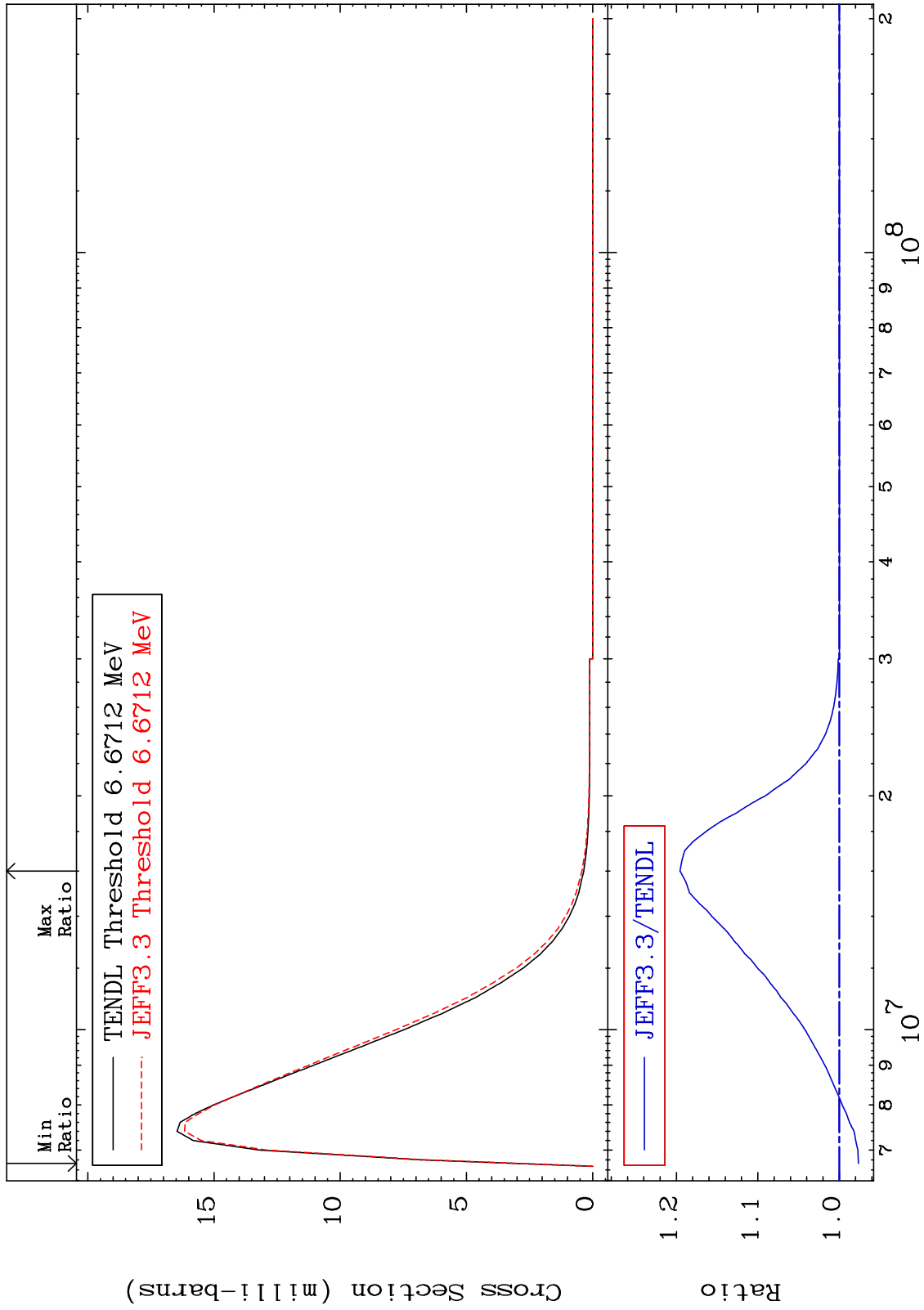
42

16-S -34

MAT 1631

MT= 76 (n,n') Level  
Cross Section

16-S -34  
-2.346 To 19.55 %



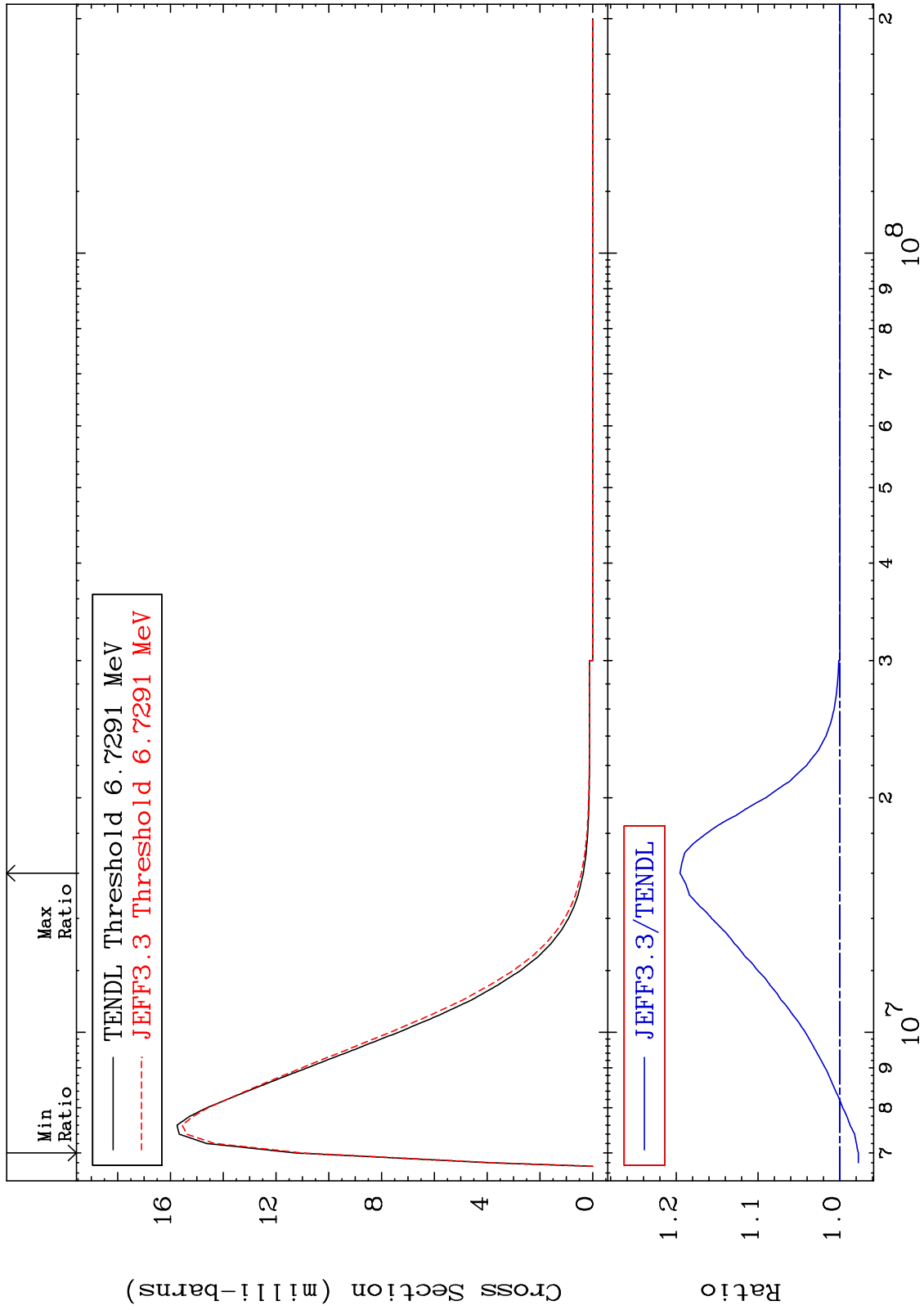
43

16-S -34

MAT 1631

MT= 77 (n,n') Level  
Cross Section

16-S -34  
-2.276 To 19.53 %



44

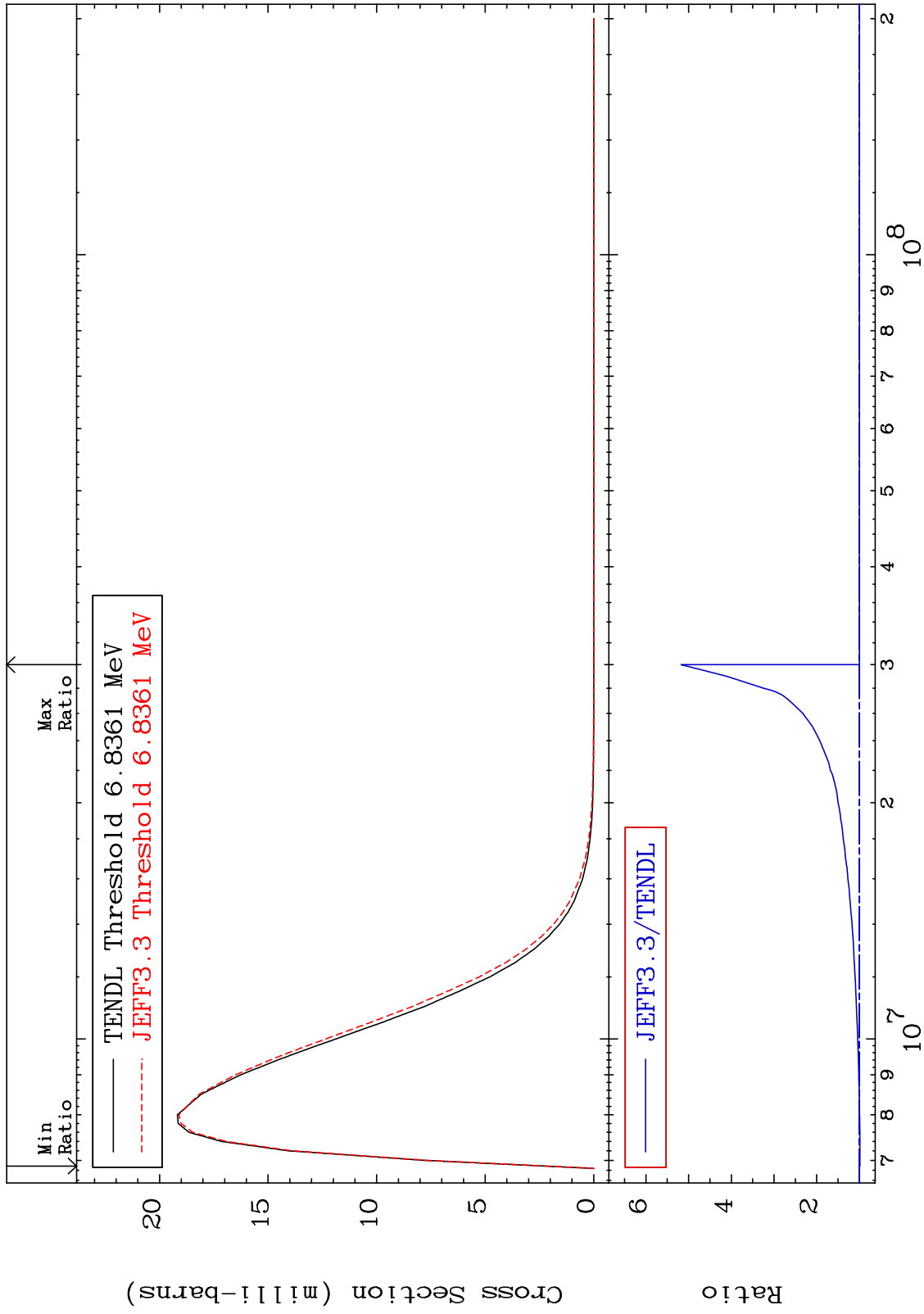
Incident Energy (eV)

16-S -34

MAT 1631

MT= 78 (n,n') Level  
Cross Section

16-S -34  
-1.254 To 417.3 %



45

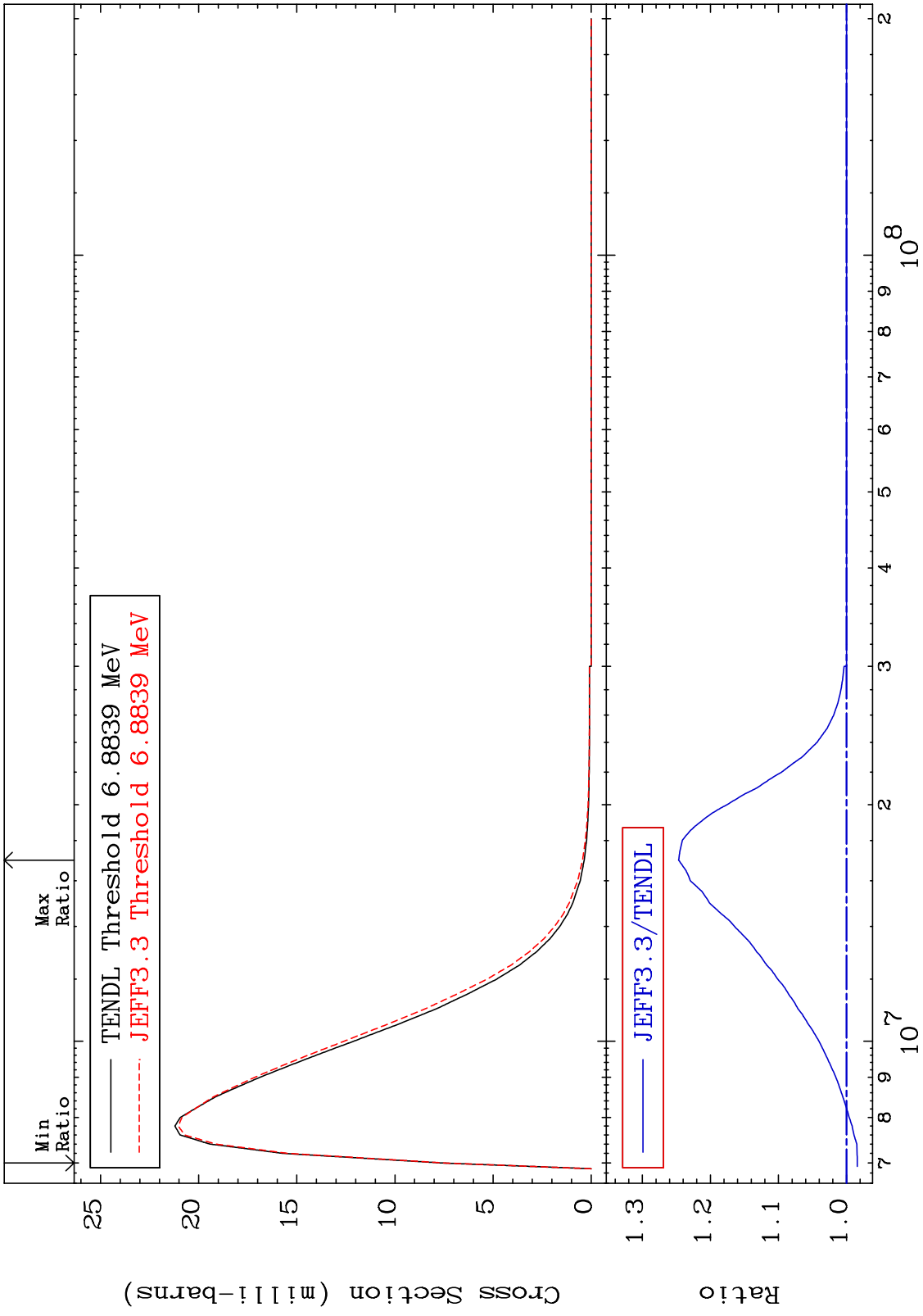
Incident Energy (eV)

16-S -34

MAT 1631

MT= 79 (n,n') Level  
Cross Section

16-S -34  
-1.587 To 24.67 %



46

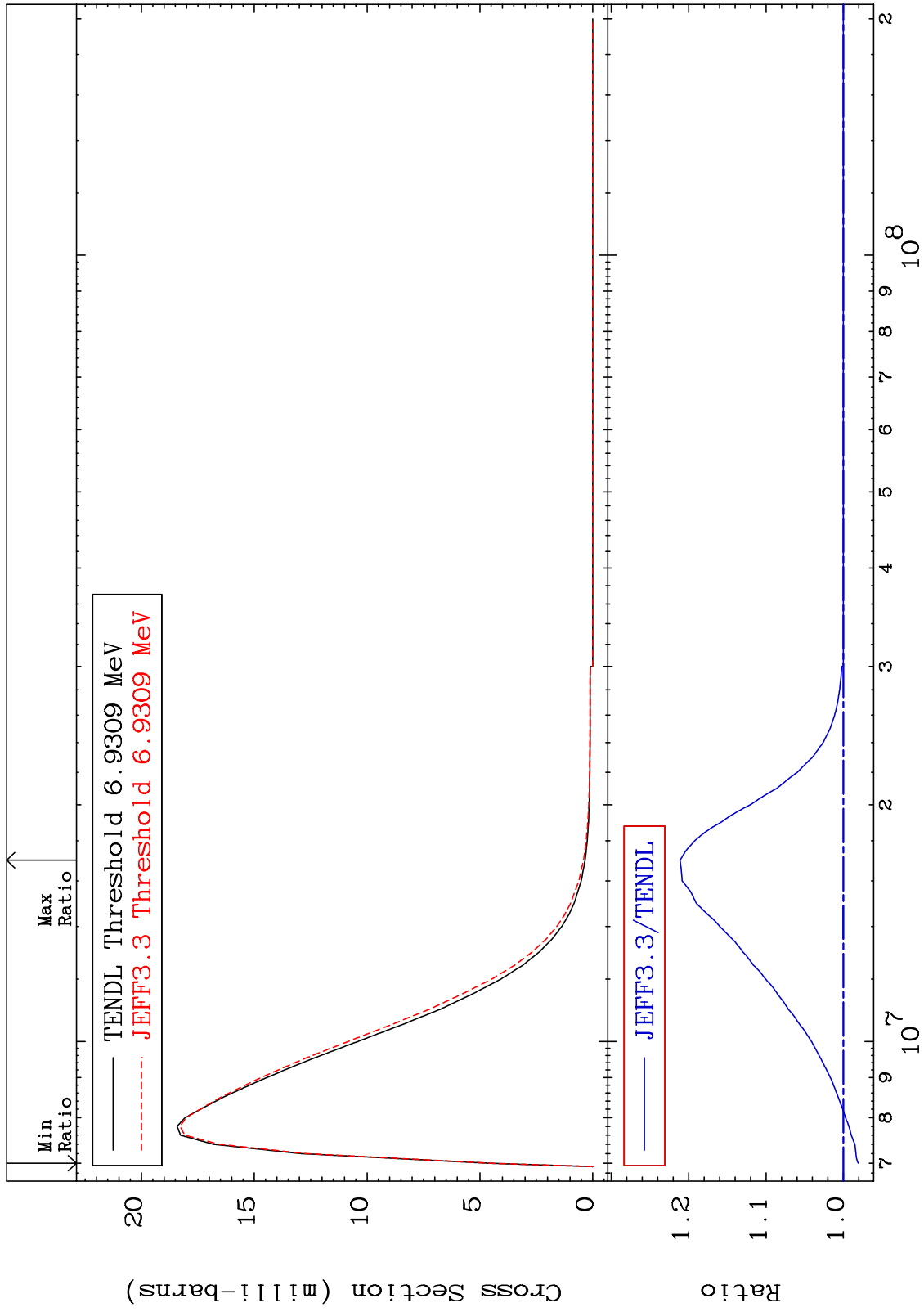
Incident Energy (eV)

16-S -34

MAT 1631

MT= 80 (n,n') Level  
Cross Section

16-S -34  
-1.939 To 21.11 %



47

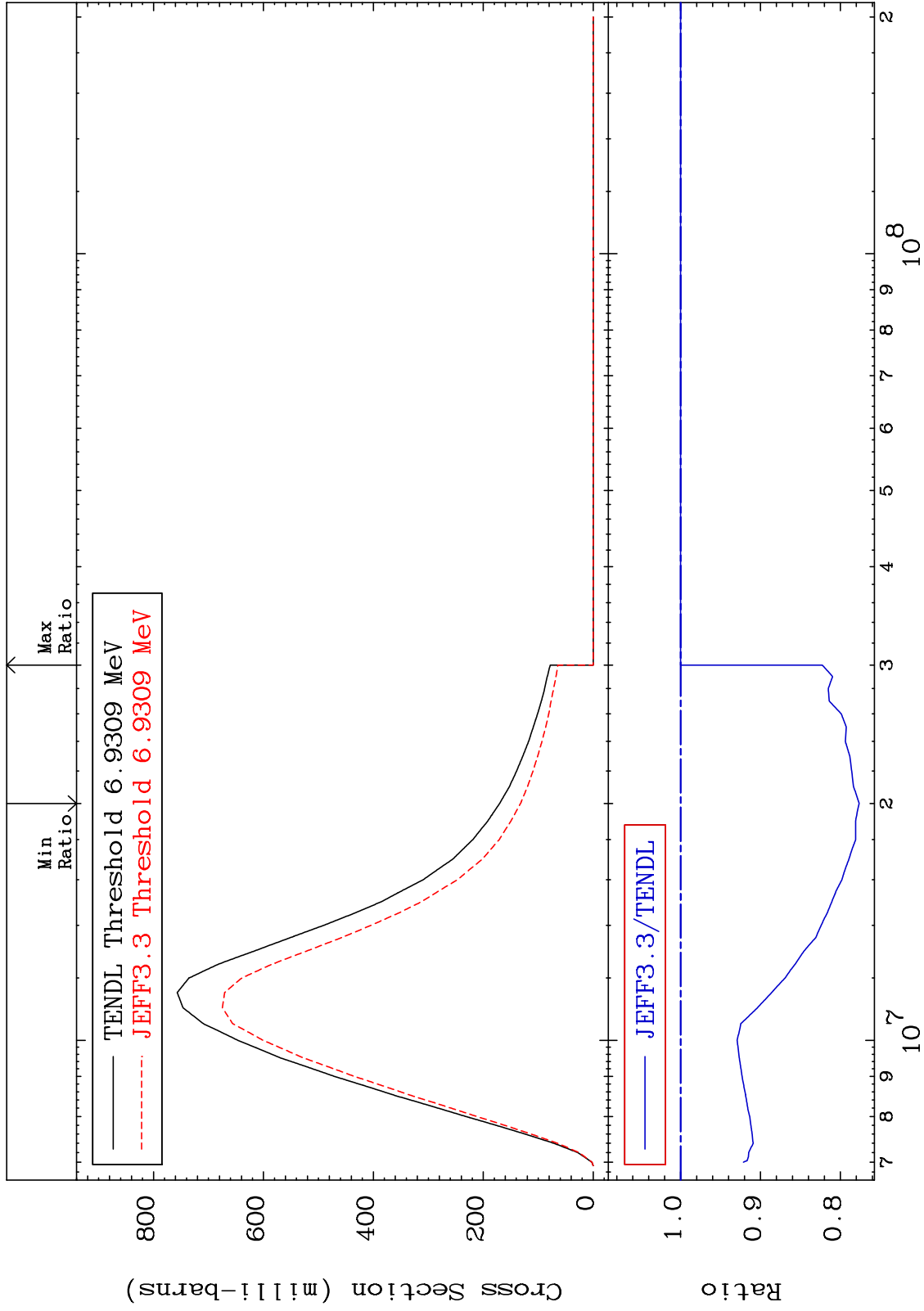
16-S -34



MAT 1631

(n, n') Continuum  
Cross Section

16-S -34  
-22.35 To 0.000 %



48

Incident Energy (eV)

16-S -34

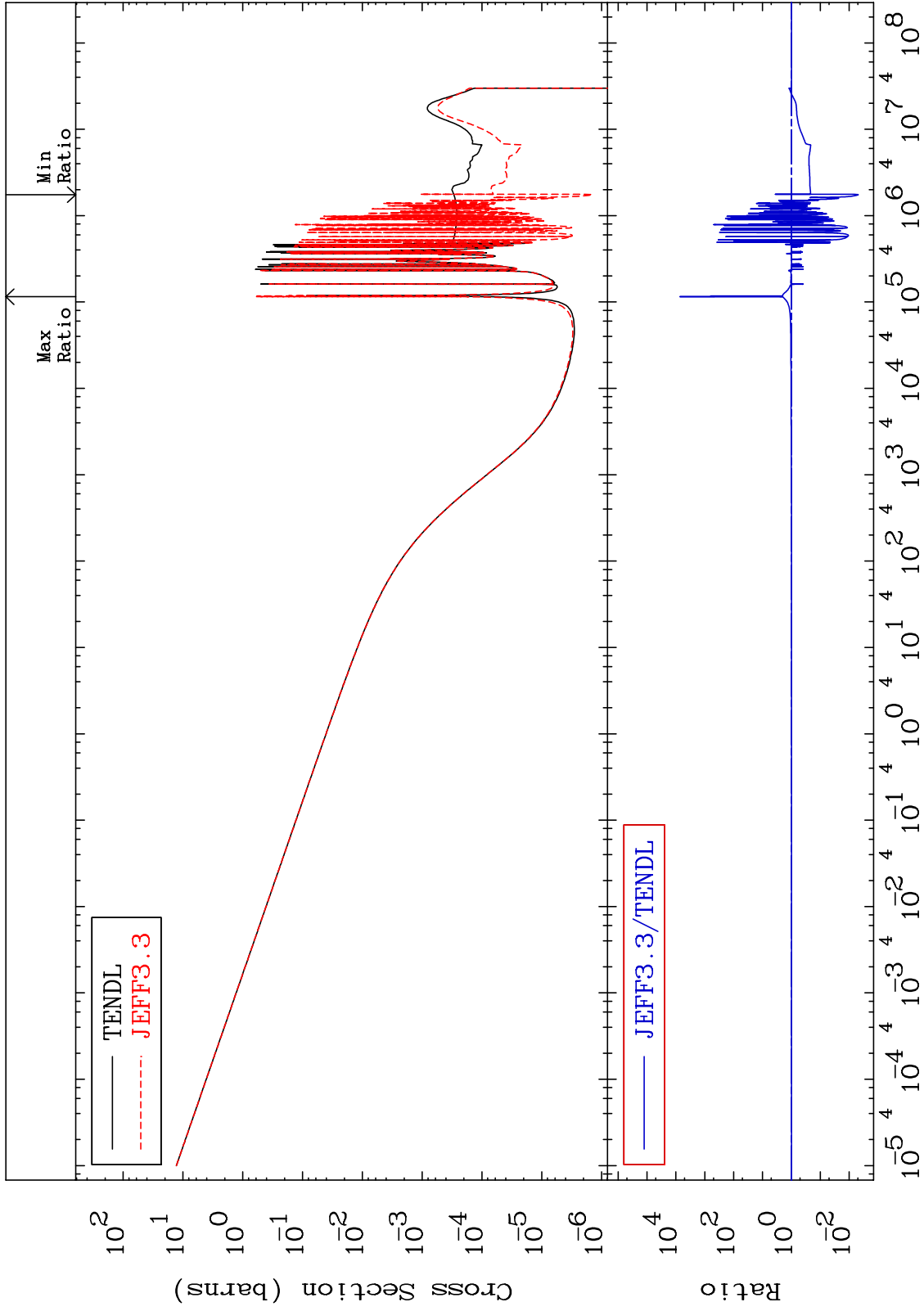
MAT 1631

(n,  $\gamma$ )

16-S -34

Cross Section

-99.52 To 9999. %



49

Incident Energy (eV)

16-S -34

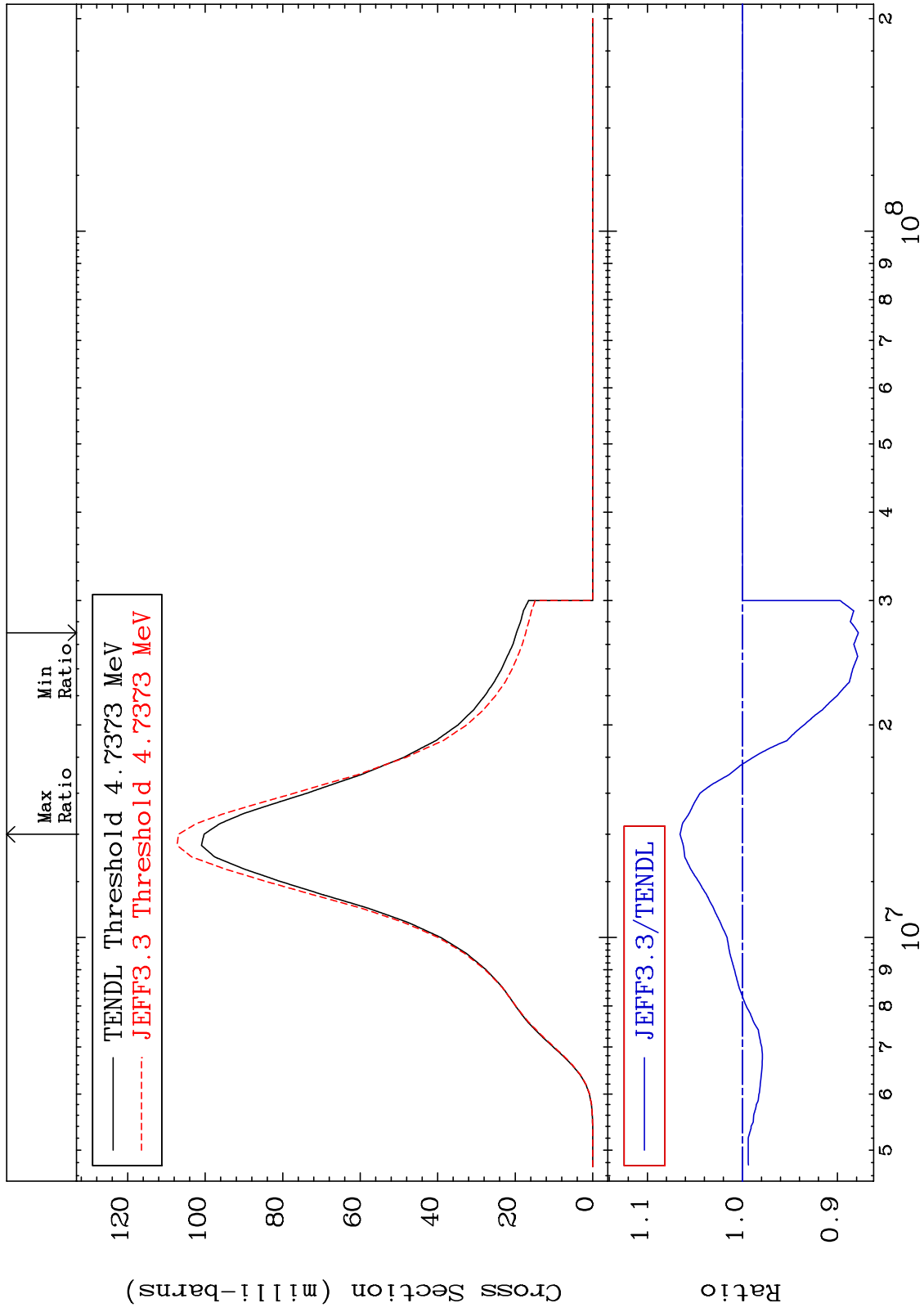
MAT 1631

(n,p)

16-S -34

Cross Section

-12.20 To 6.567 %



50

Incident Energy (eV)

16-S -34

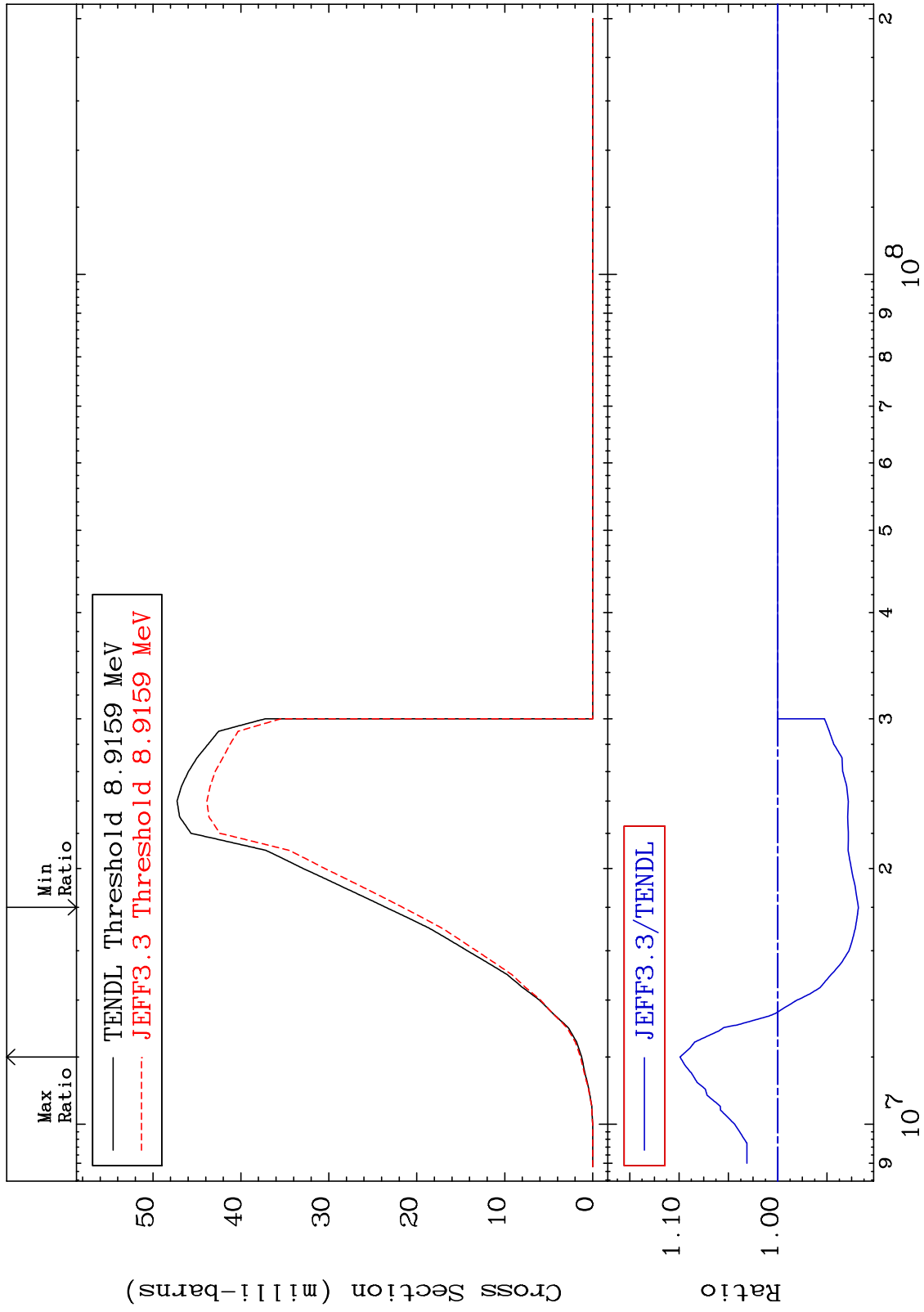
MAT 1631

(n,d)

16-S -34

Cross Section

-8.186 To 9.903 %



51

16-S -34

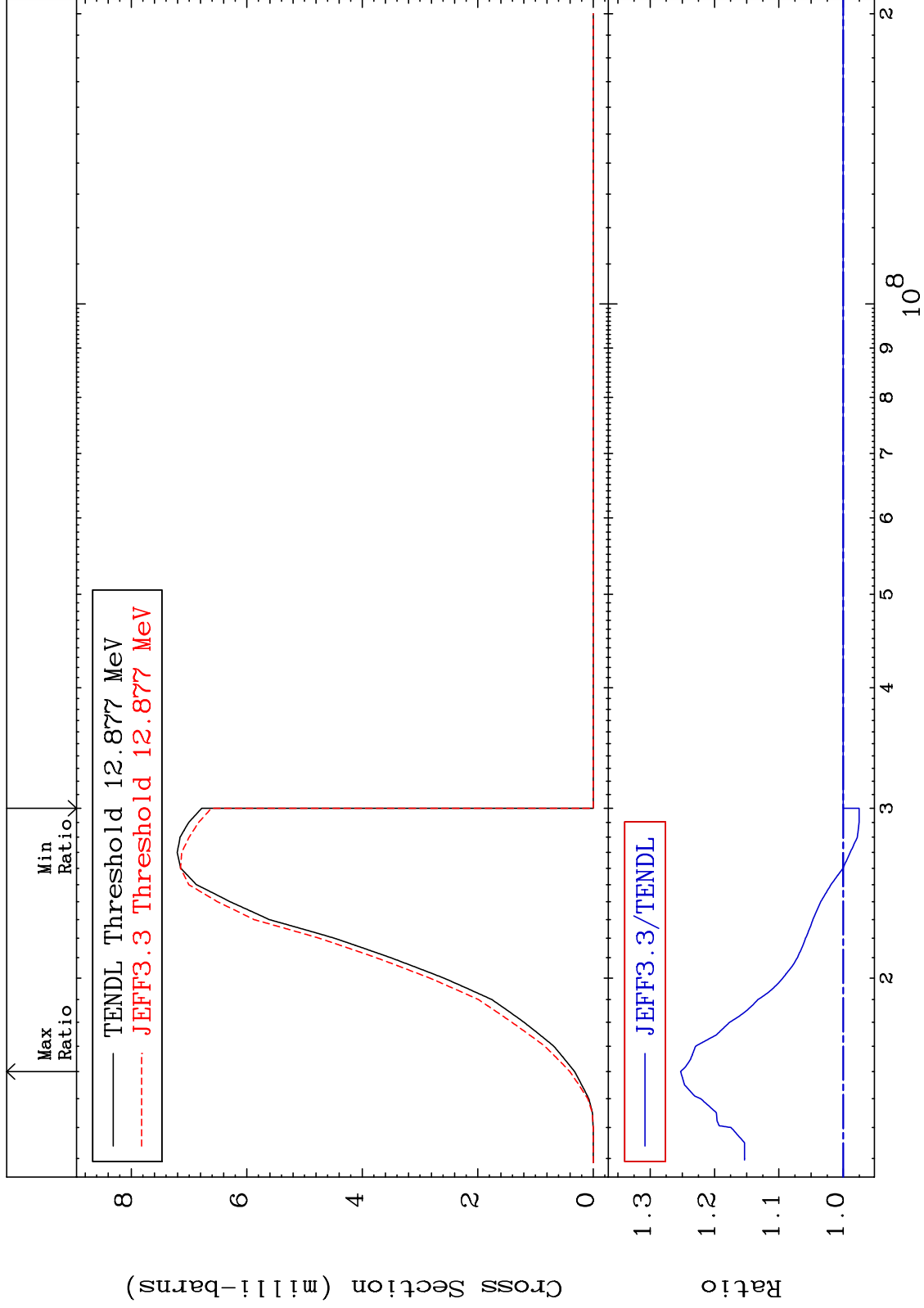
MAT 1631

(n, t)

16-S -34

Cross Section

-2.468 To 25.26 %



52

Incident Energy (eV)

16-S -34

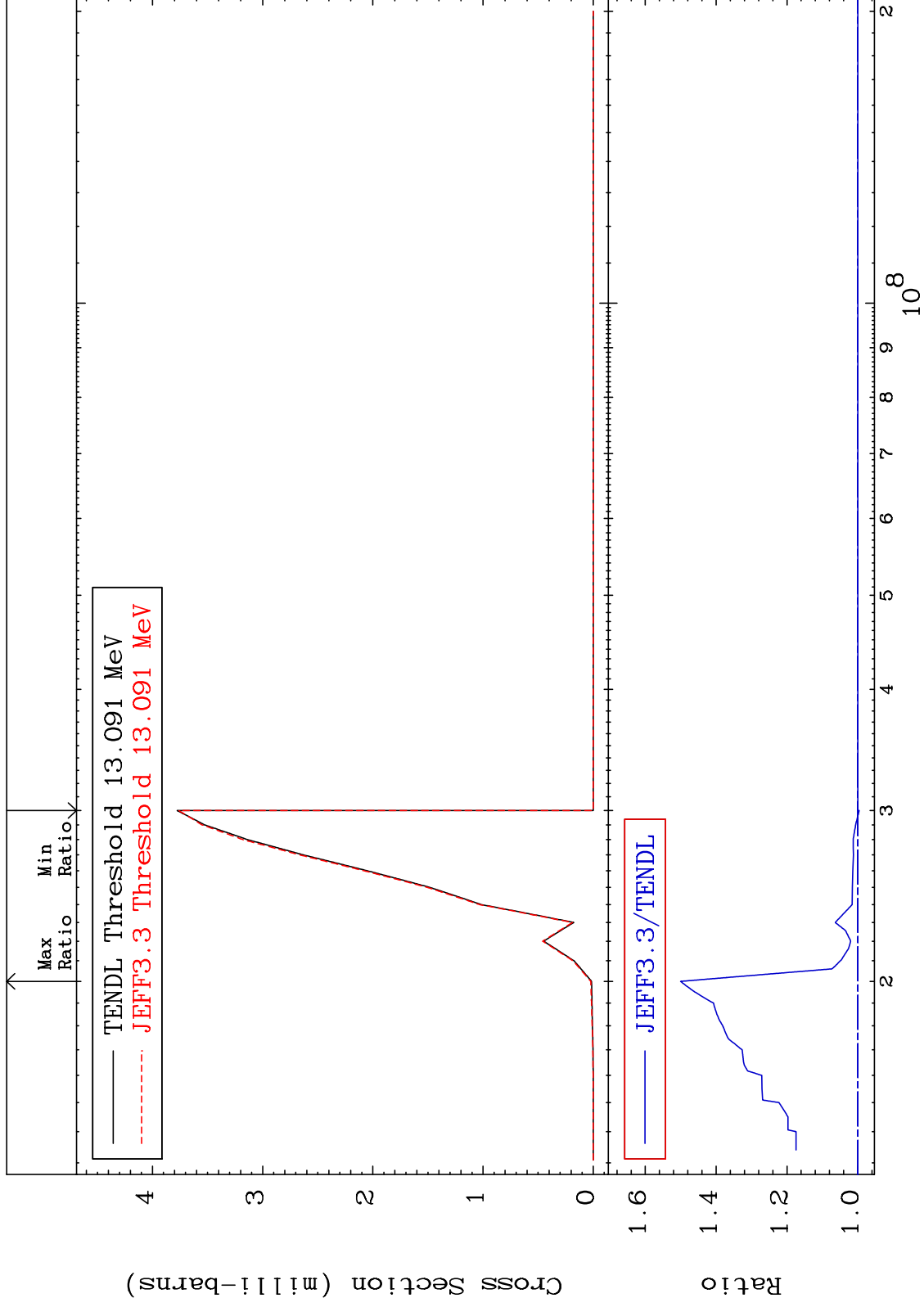
MAT 1631

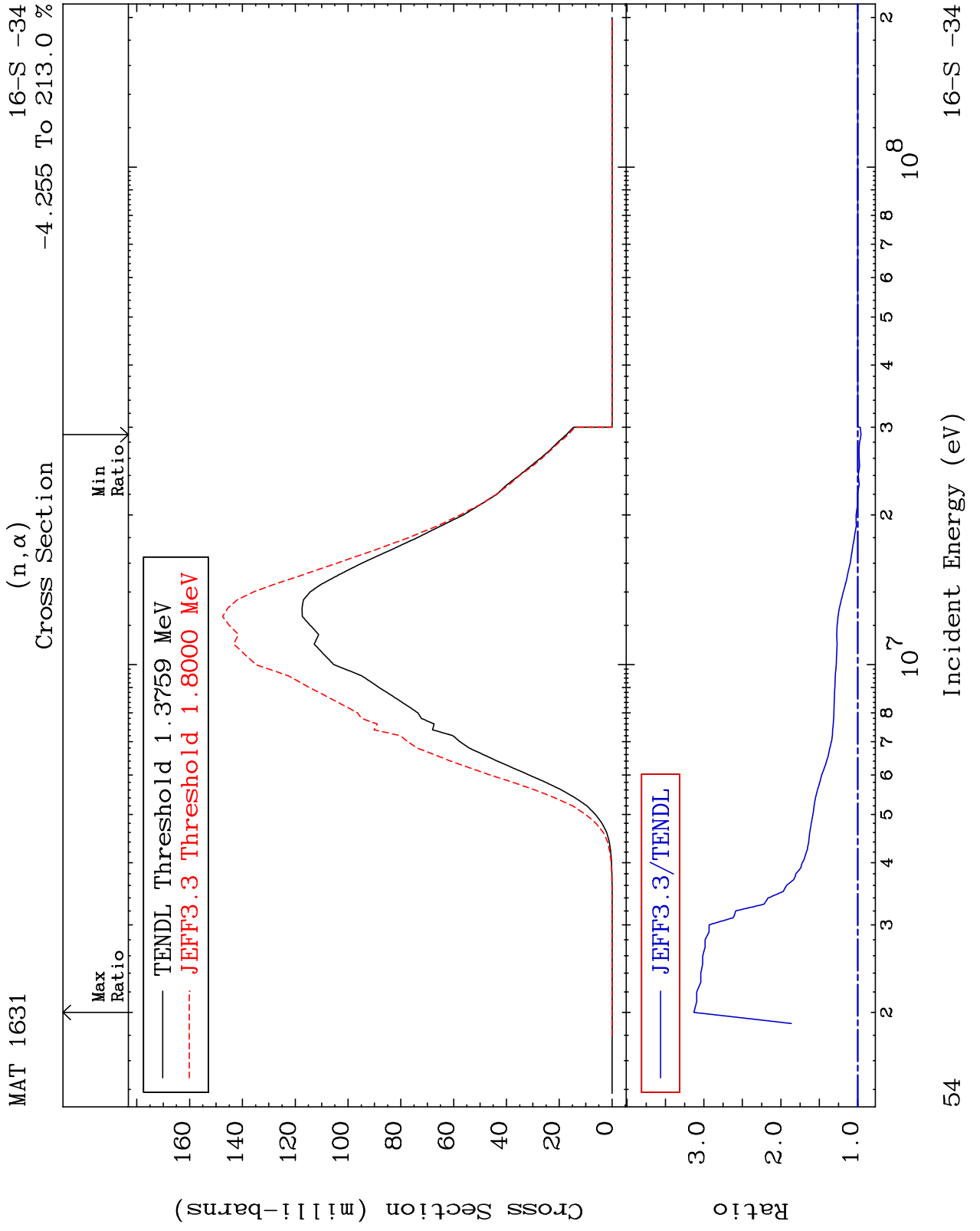
(n, He-3)

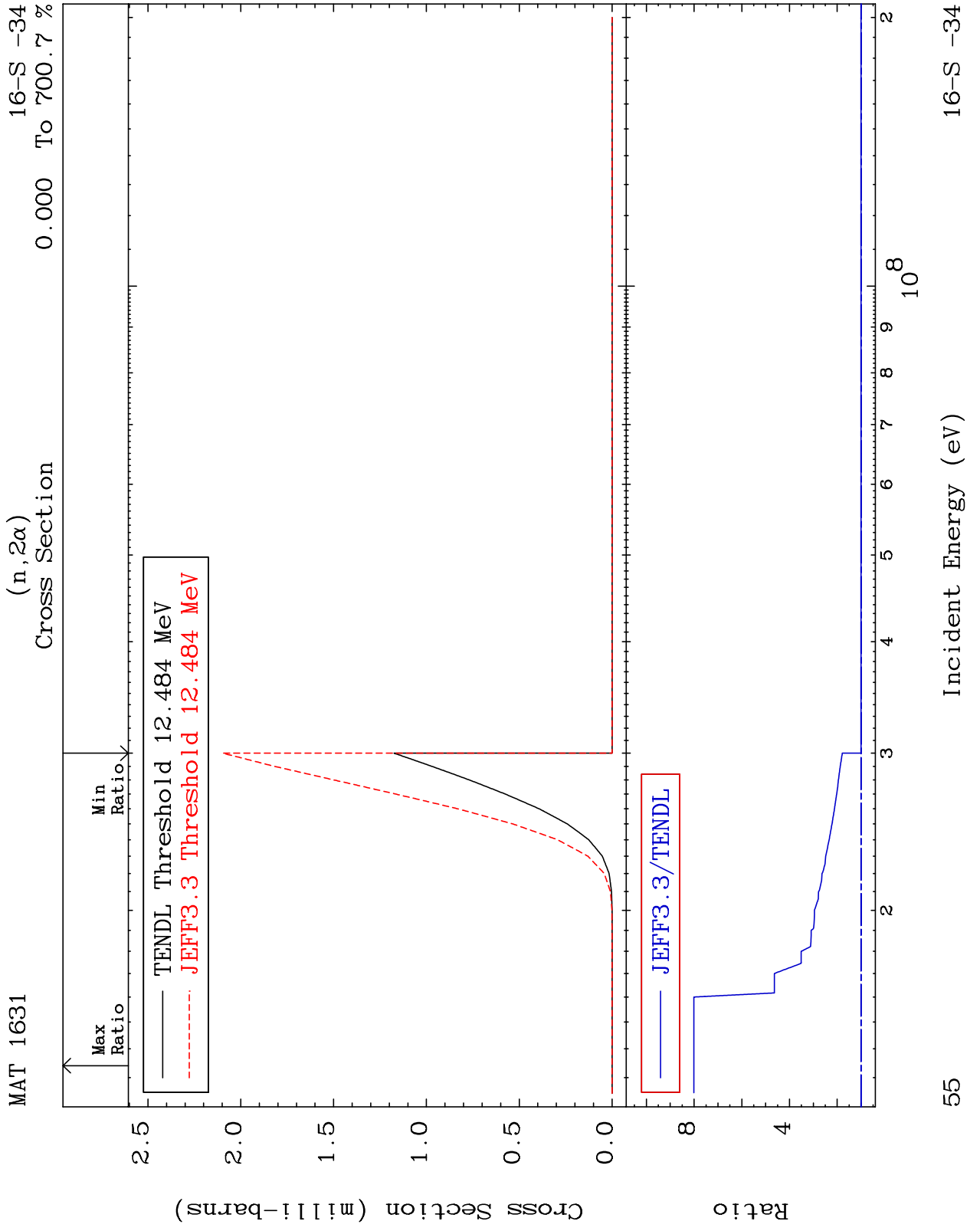
16-S -34

Cross Section

-0.375 To 50.02 %









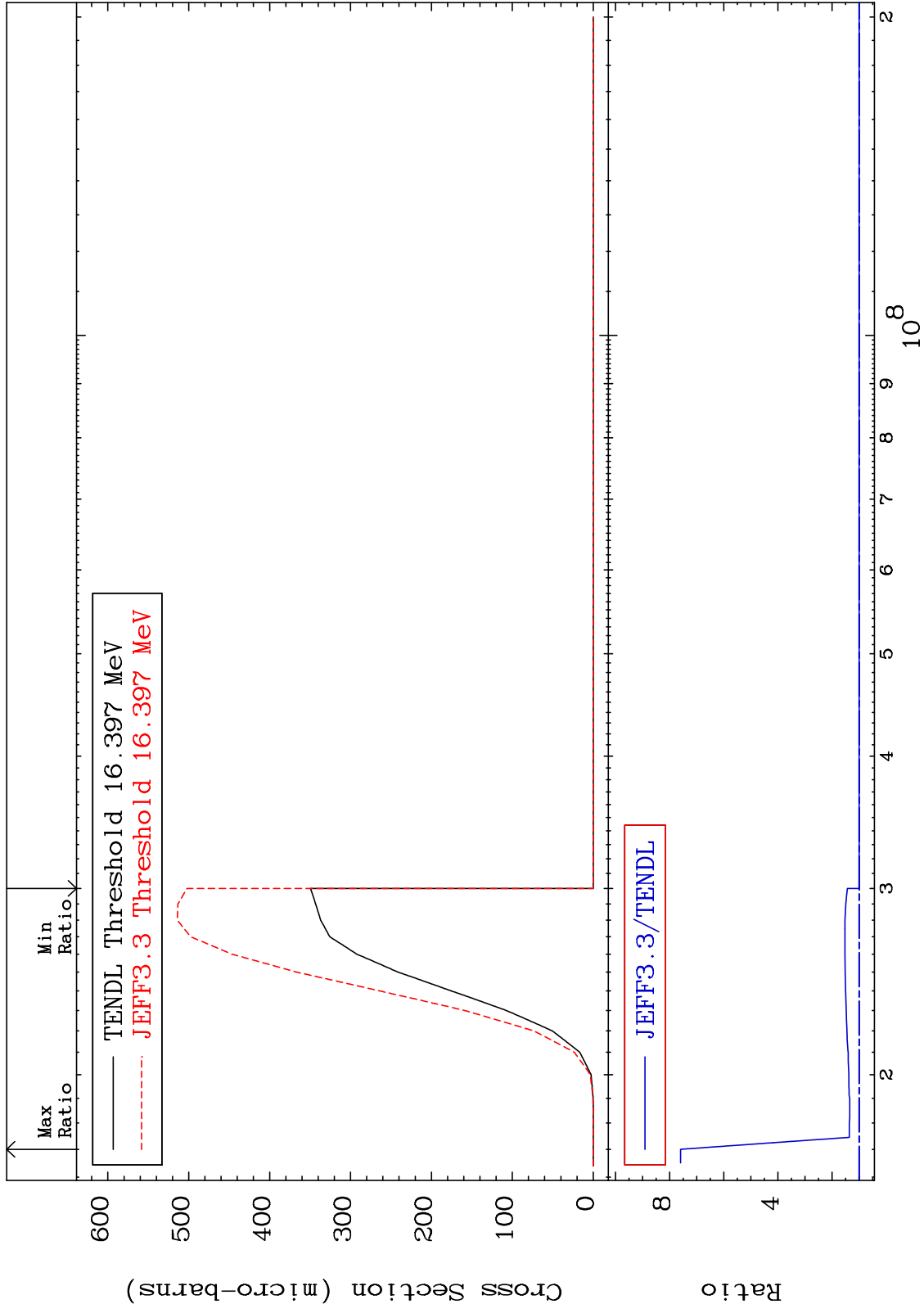
MAT 1631

(n,2p)

16-S -34

Cross Section

0.000 To 659.7 %



56

Incident Energy (eV)

16-S -34

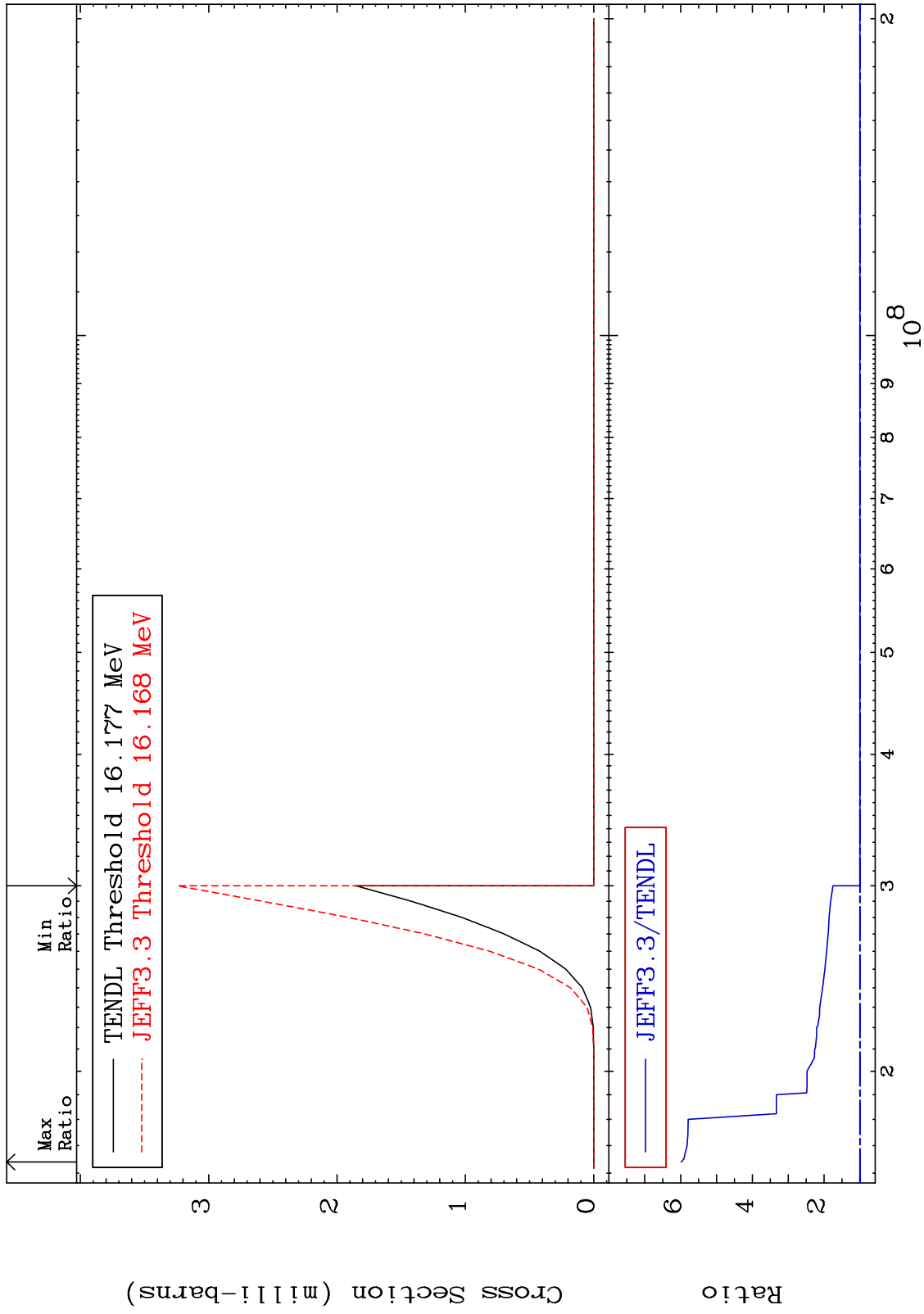
MAT 1631

(n,p)  $\alpha$

16-S -34

Cross Section

0.000 To 498.4 %



57

Incident Energy (eV)

16-S -34

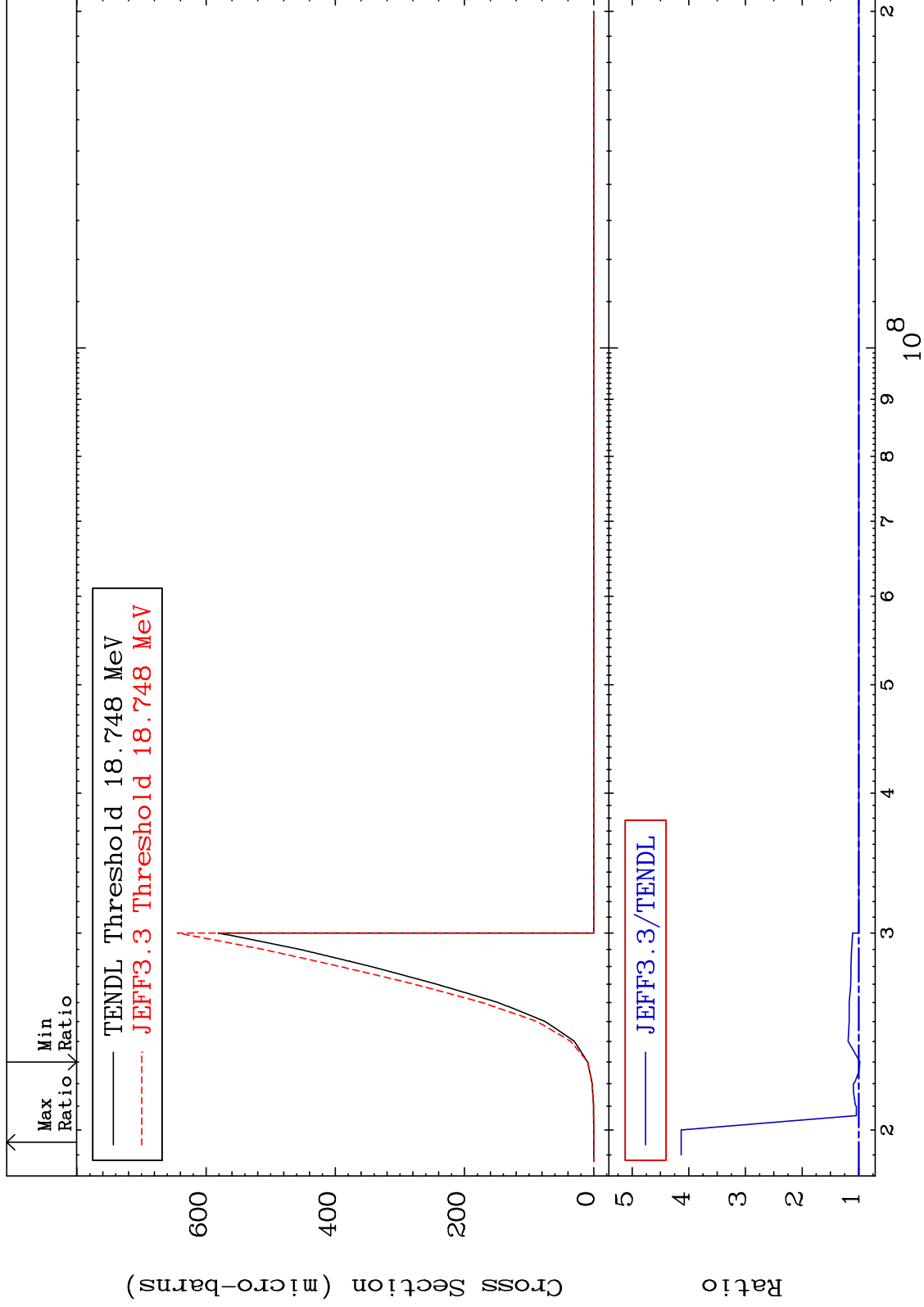
MAT 1631

(n,p) d

16-S -34

Cross Section

-2.038 To 313.4 %



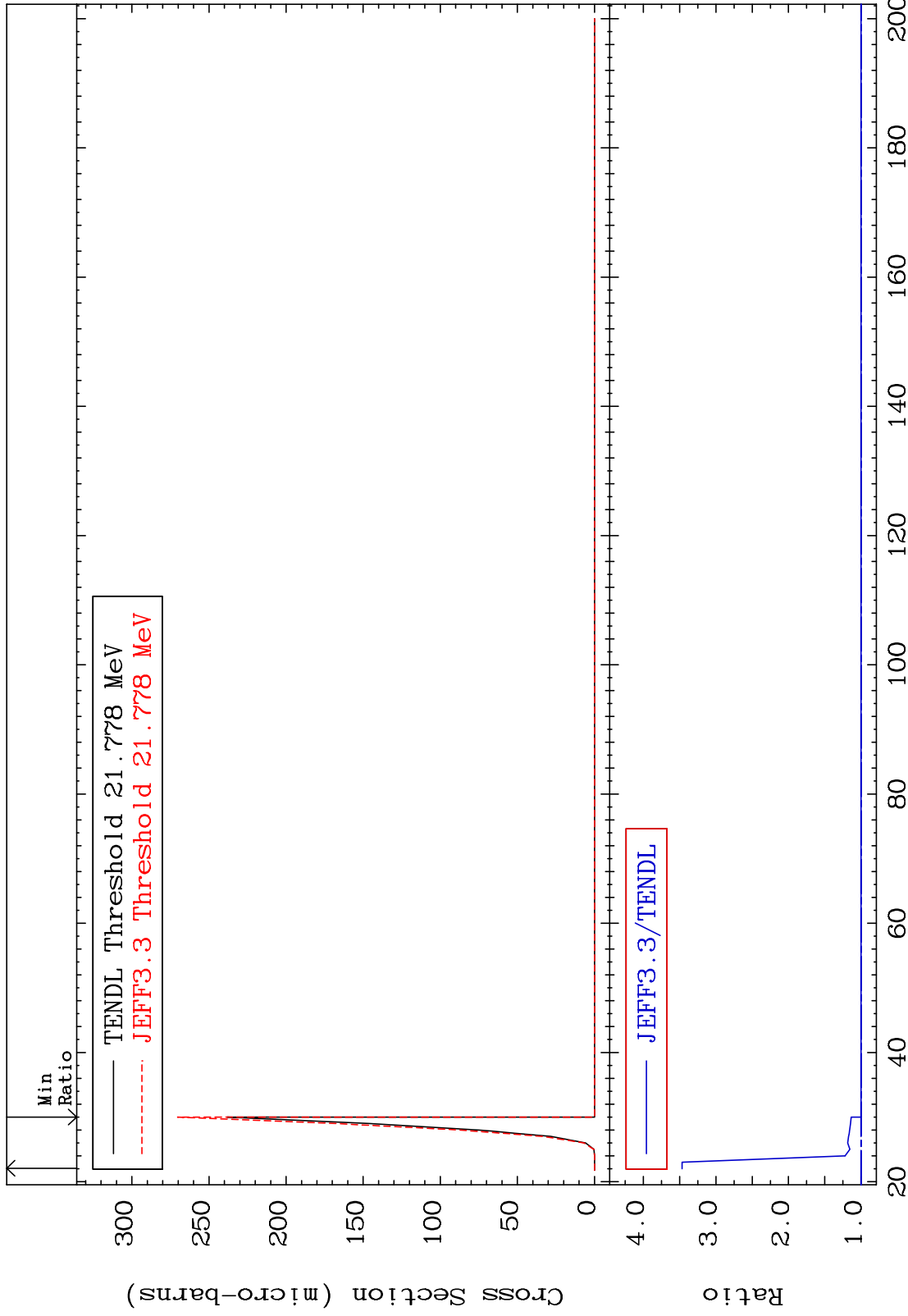
MAT 1631

(n,p) t

16-S -34

Cross Section

0.000 To 246.6 %



16-S -34

Incident Energy (MeV)

59

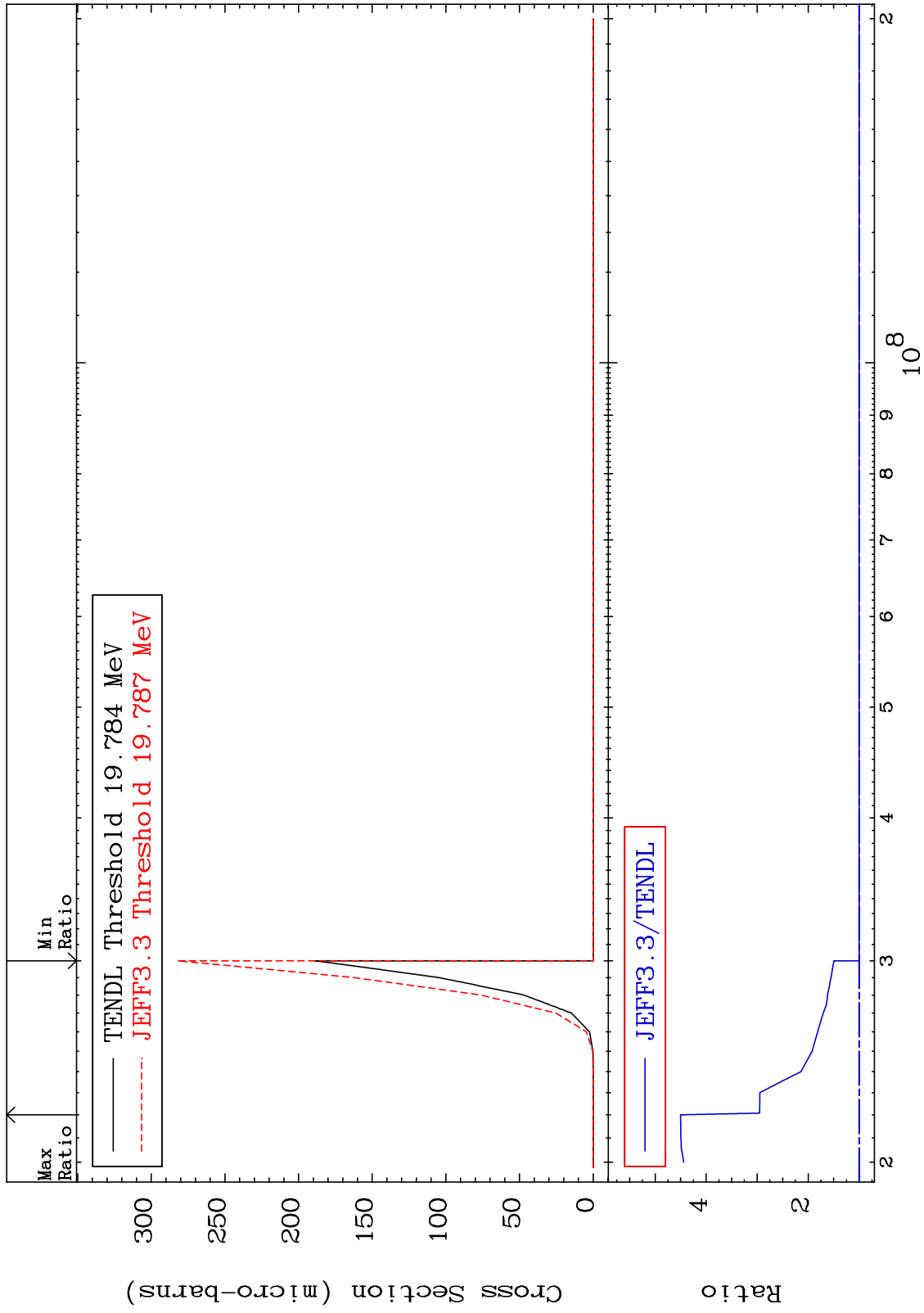
MAT 1631

(n,d)  $\alpha$

16-S -34

Cross Section

0.000 To 350.0 %



60

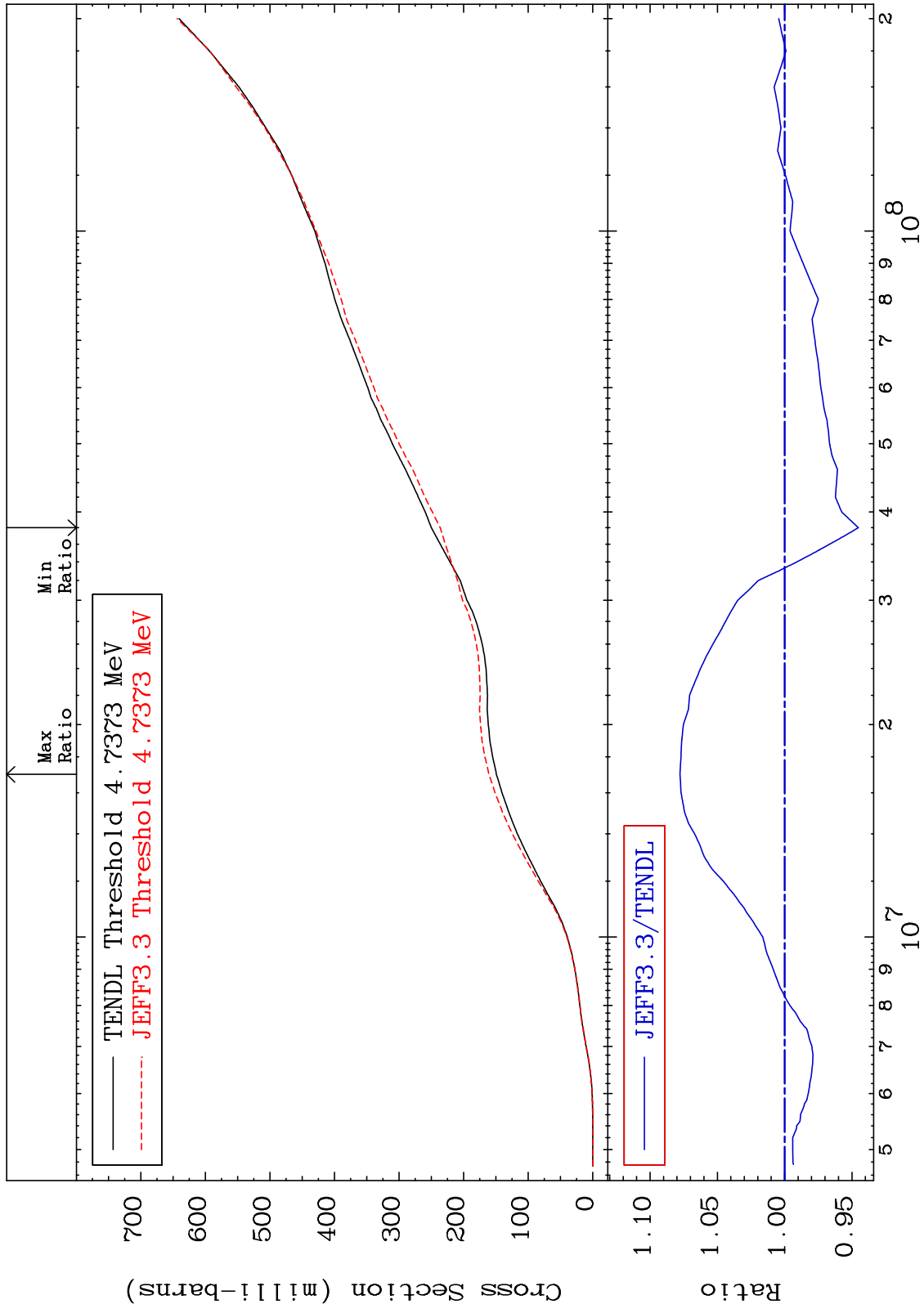
Incident Energy (eV)

16-S -34

MAT 1631

Hydrogen Production  
Cross Section

16-S -34  
-5.480 To 7.775 %



61

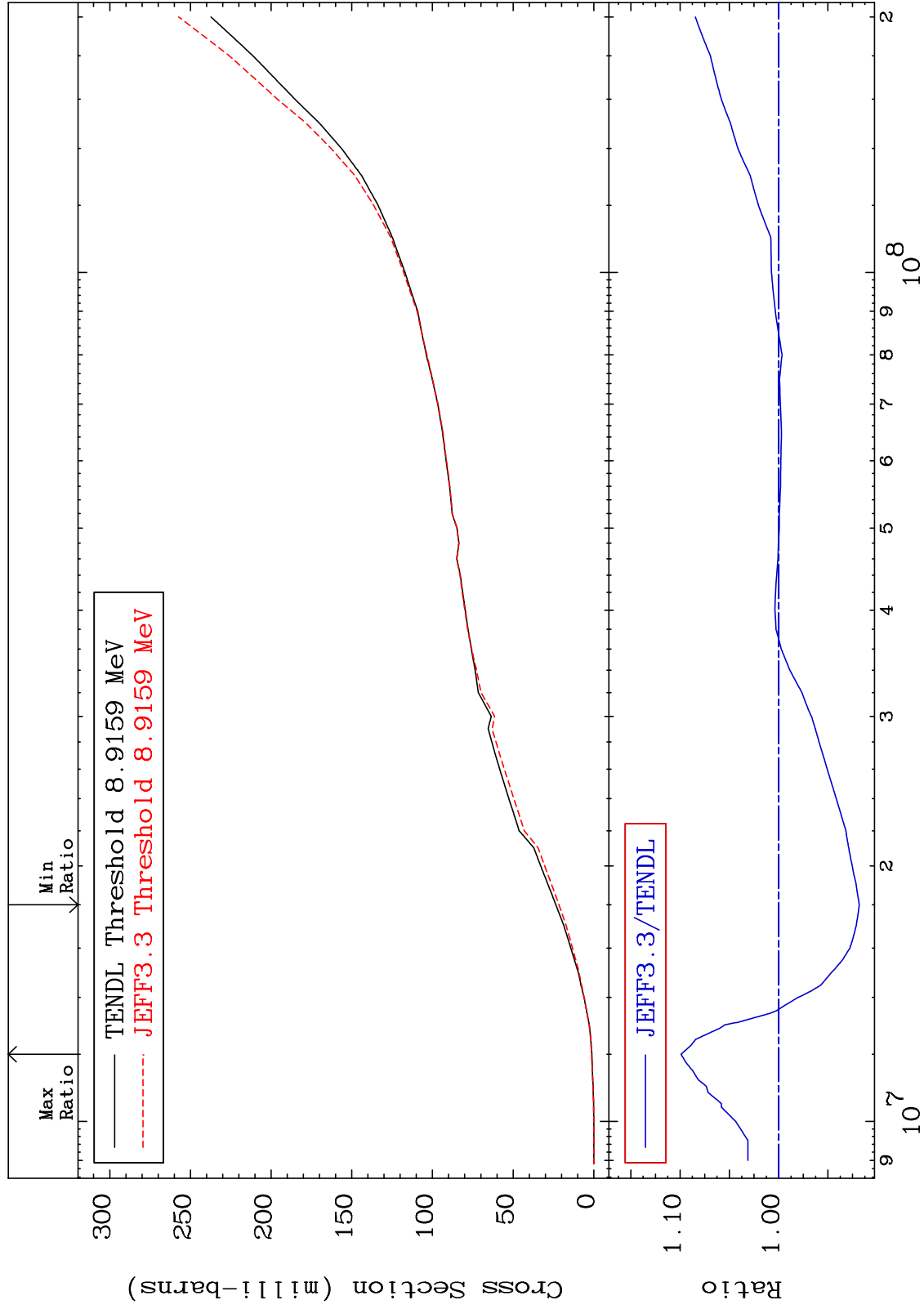
Incident Energy (eV)

16-S -34

MAT 1631

Deuterium Production  
Cross Section

16-S -34  
-8.186 To 9.903 %



62

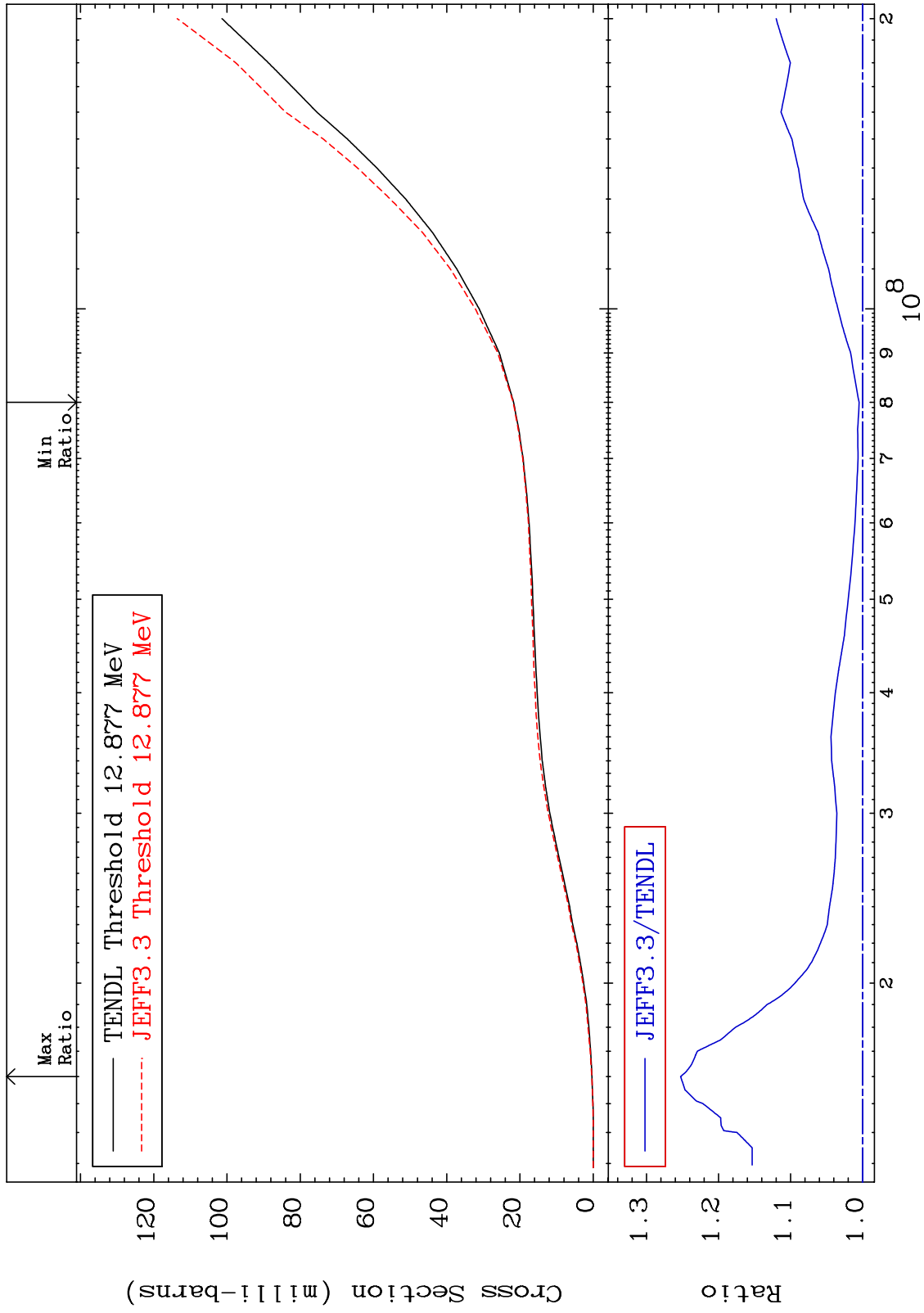
Incident Energy (eV)

16-S -34

MAT 1631

Tritium Production  
Cross Section

16-S -34  
0.482 To 25.26 %



63

Incident Energy (eV)

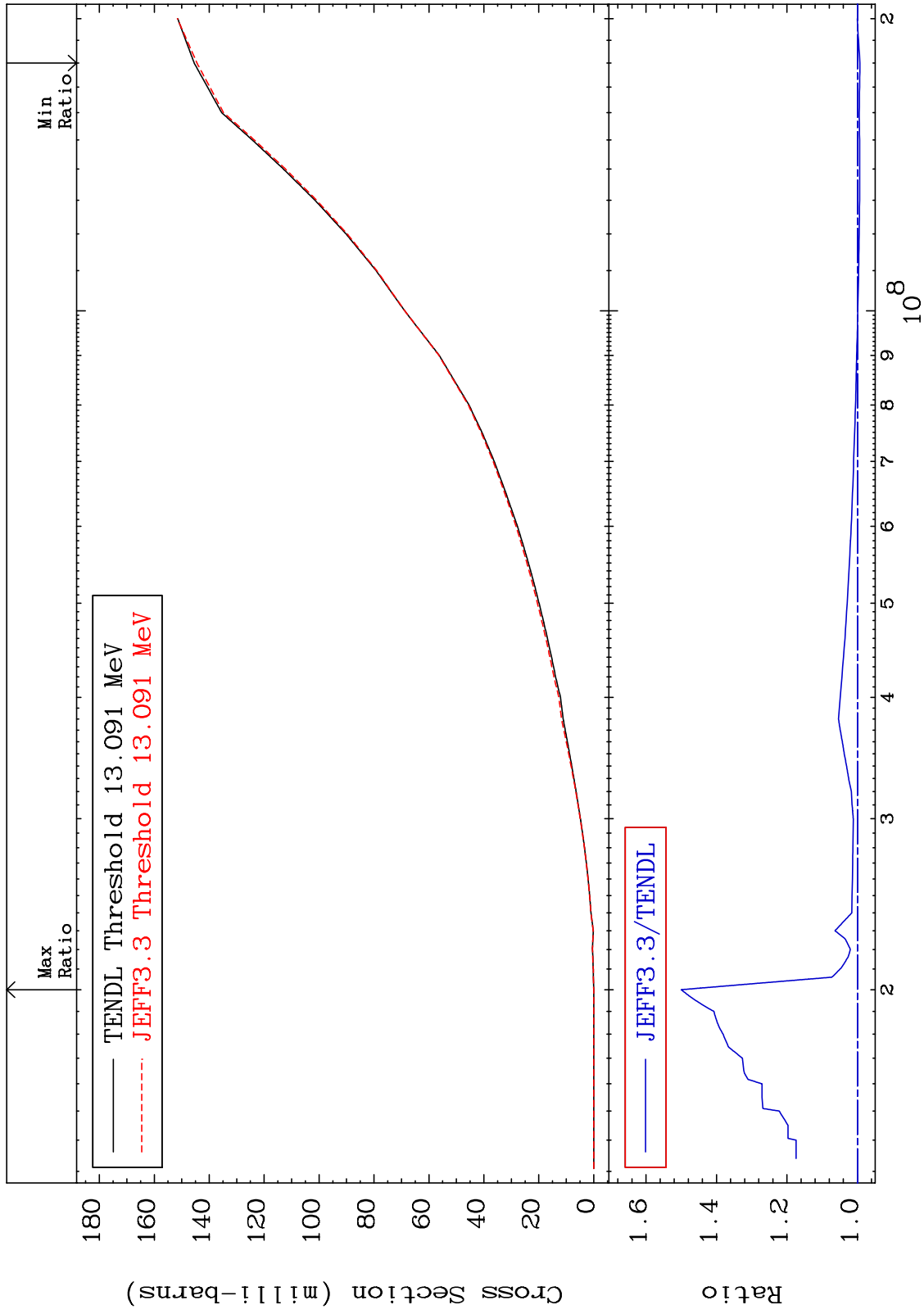
16-S -34



MAT 1631

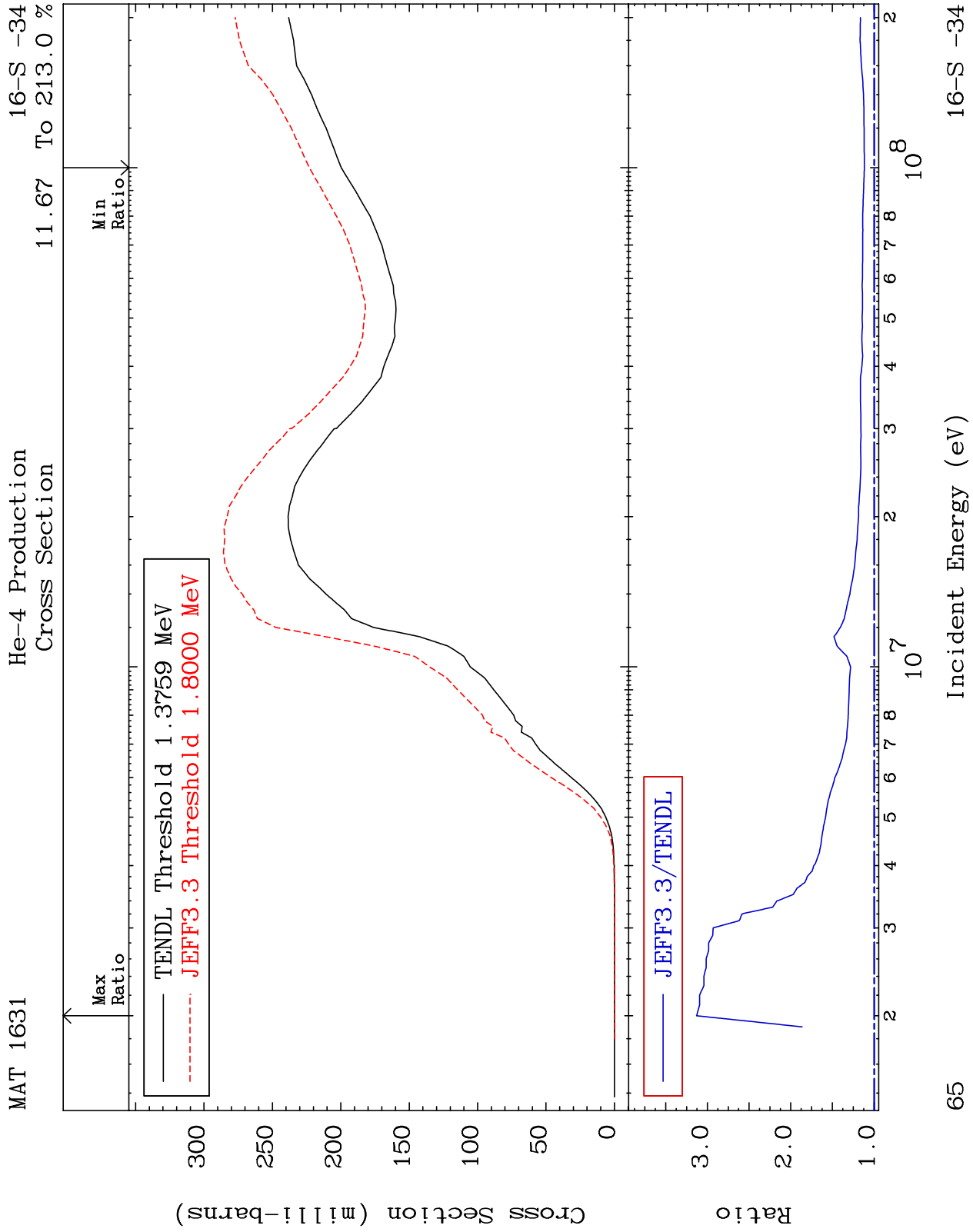
He-3 Production  
Cross Section

16-S -34  
-0.697 To 50.02 %



64

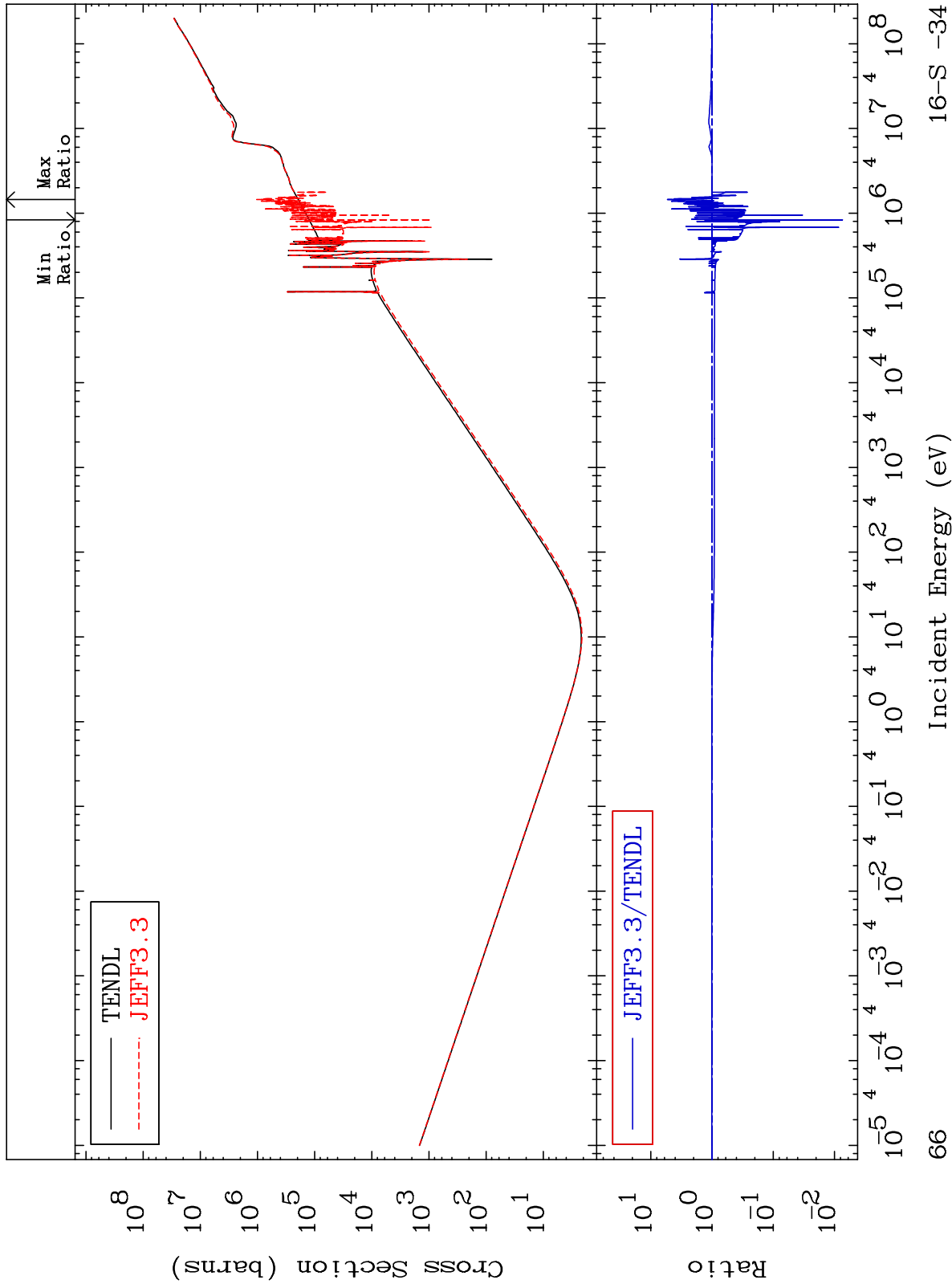
16-S -34



MAT 1631

Kerma total (eV-barns)  
Cross Section

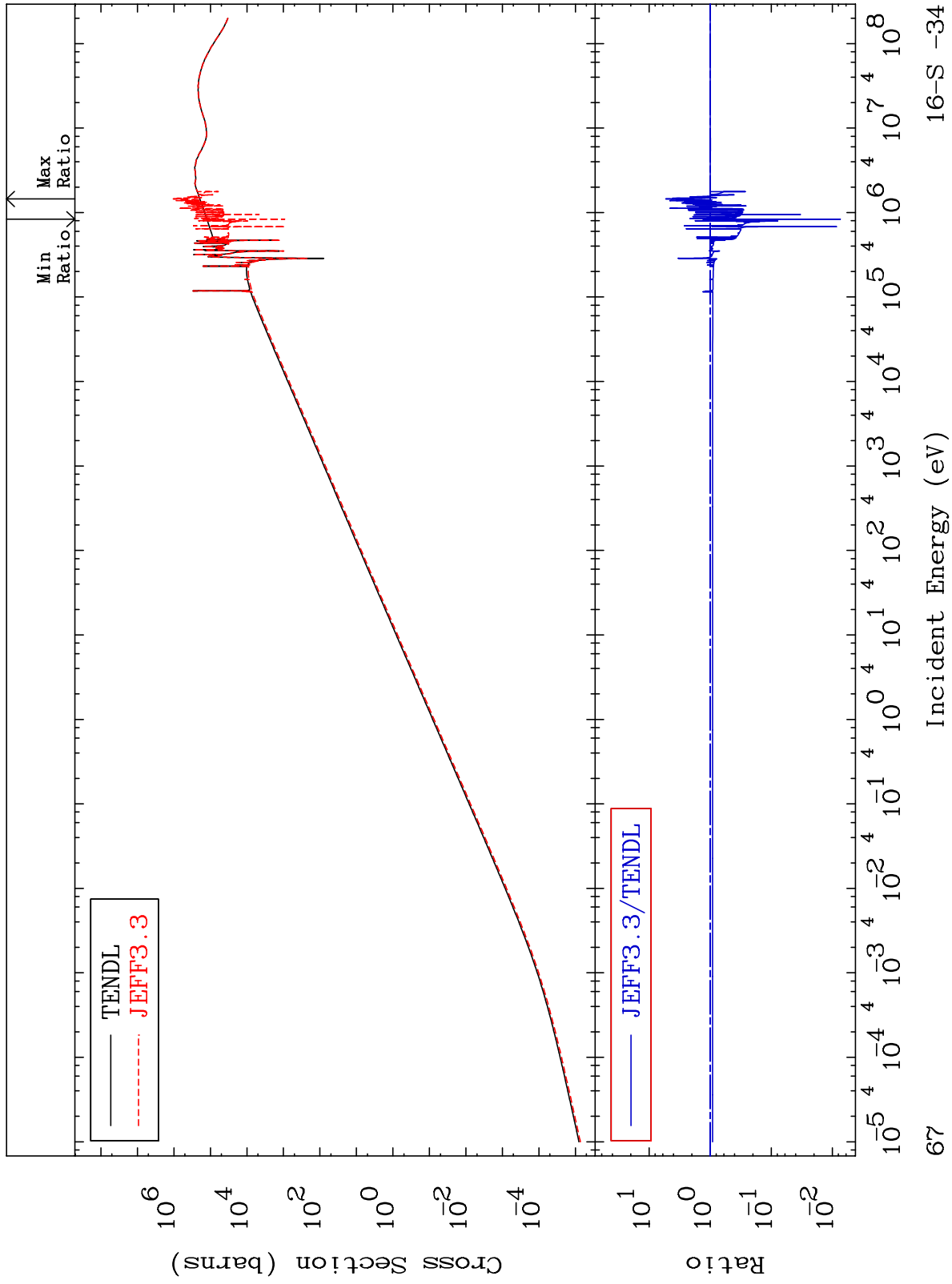
16-S -34  
-99.26 To 433.1 %



MAT 1631

Kerma elastic  
Cross Section

16-S -34  
-99.26 To 433.1 %



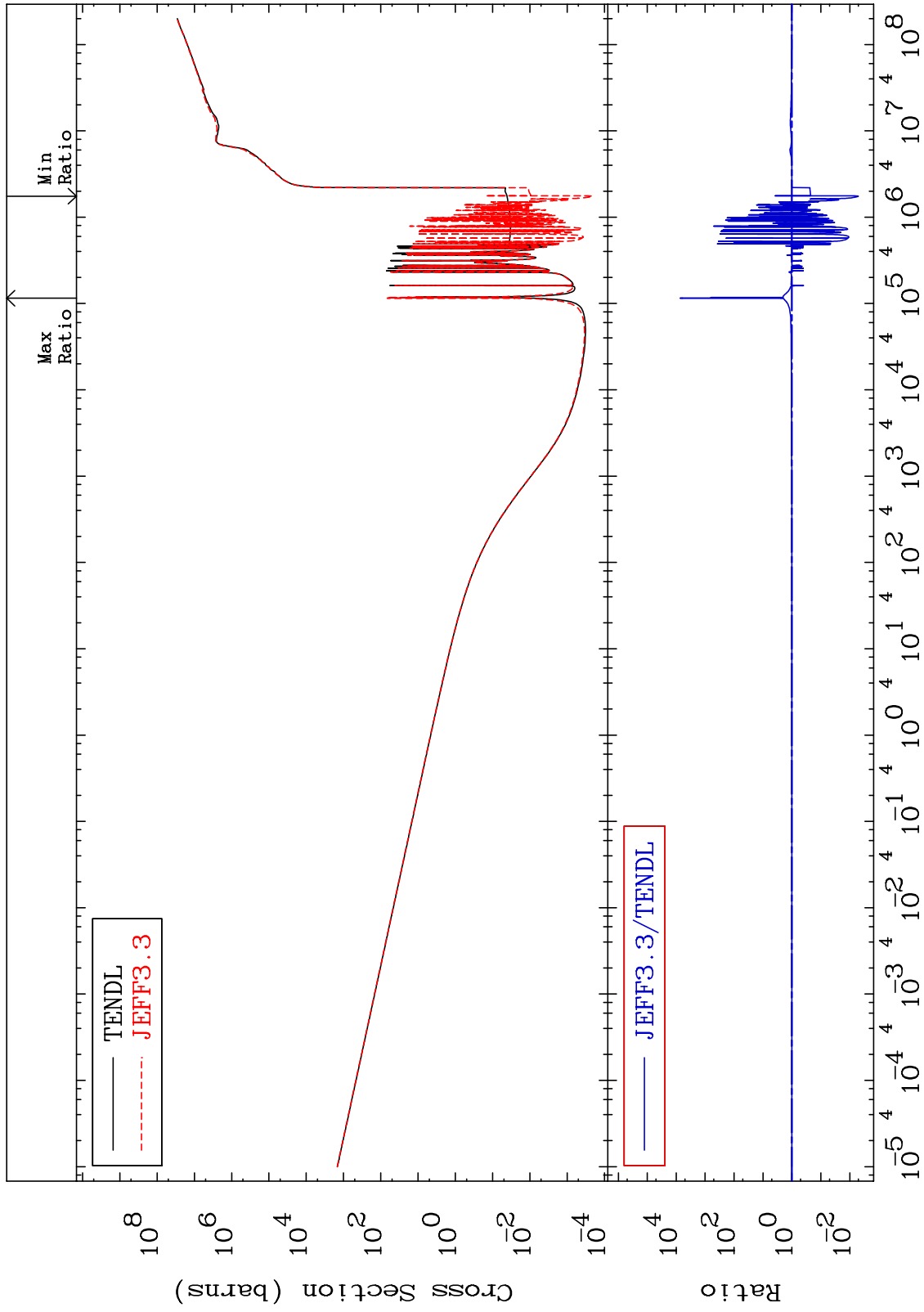
67

16-S -34

MAT 1631

Kerma non-elastic (all but mt2)  
Cross Section

16-S -34  
-99.50 To 9999. %



68

Incident Energy (eV)

16-S -34

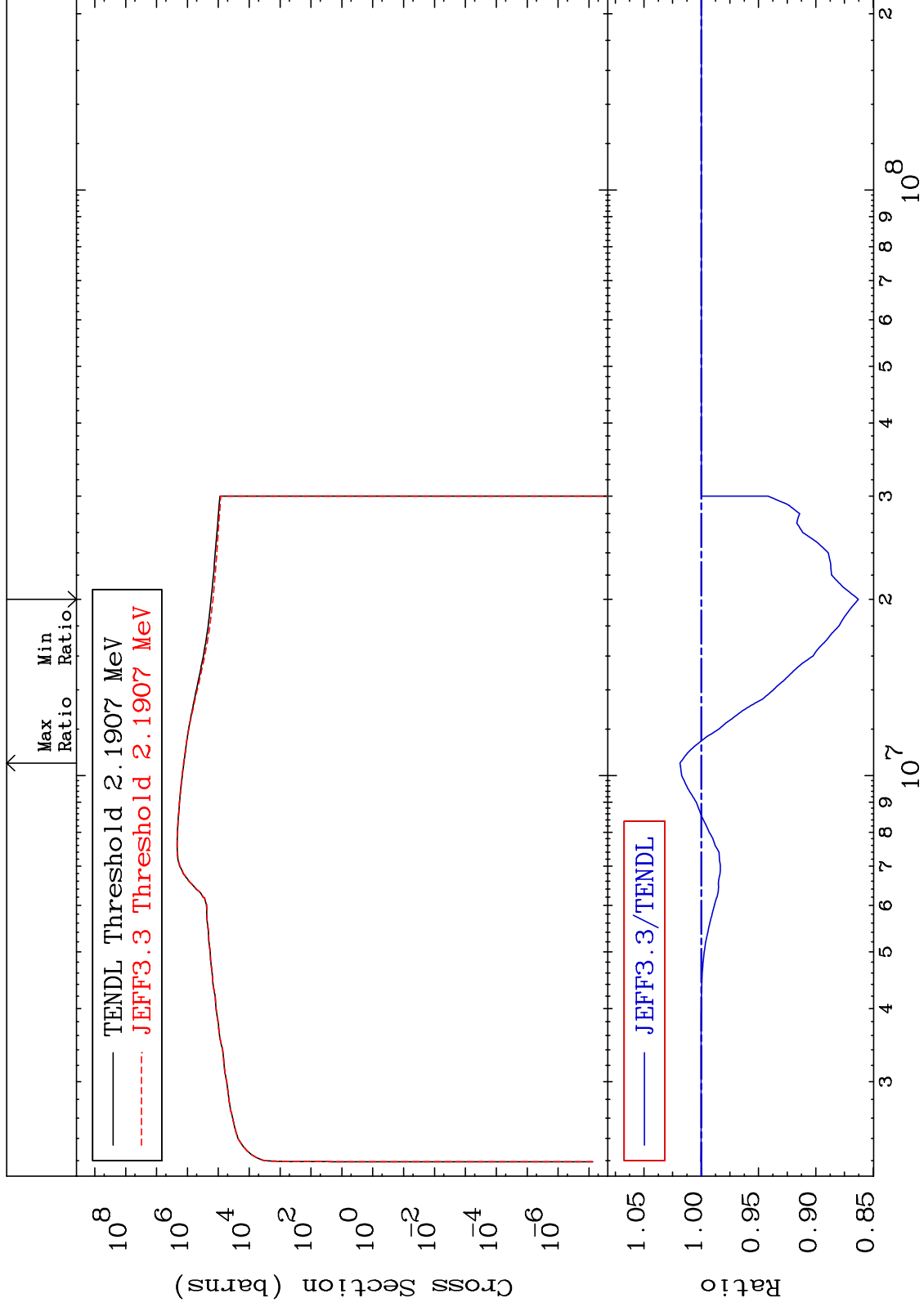
MAT 1631

Kerma inelastic (mt51-91)

16-S -34

-13.72 To 1.851 %

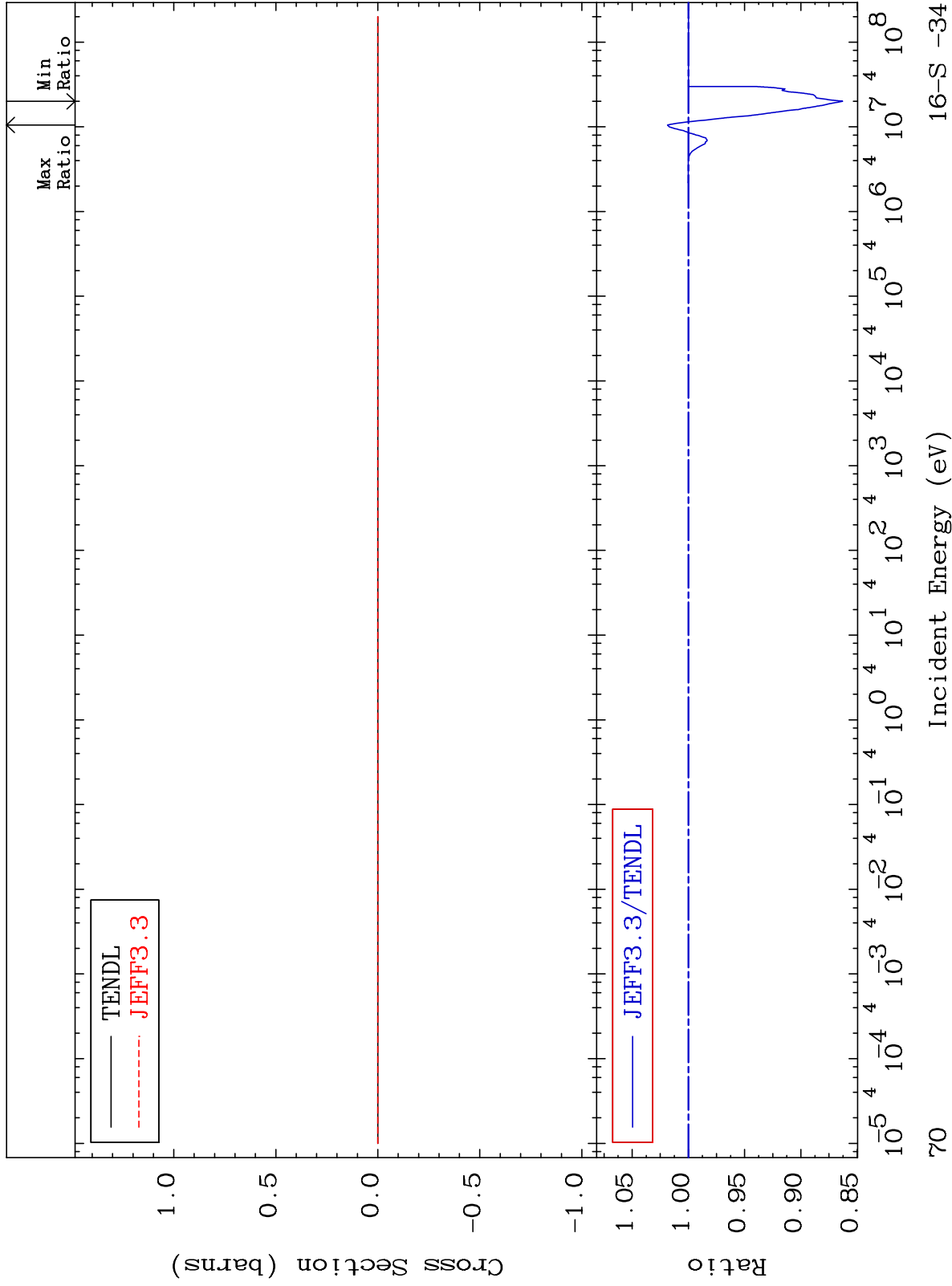
Cross Section



MAT 1631

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

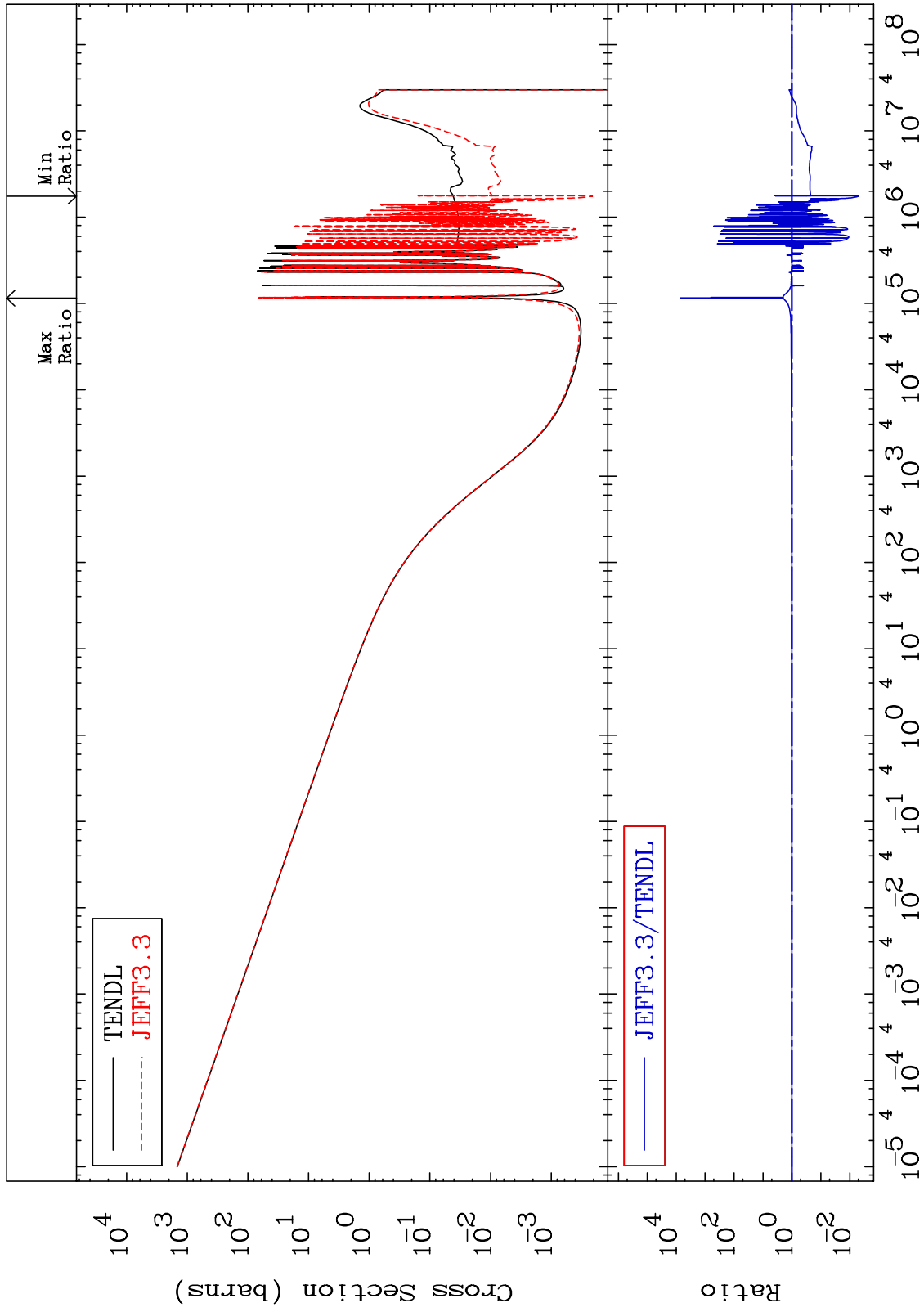
16-S -34  
-13.72 To 1.851 %



MAT 1631

Kerma capture (mt102)  
Cross Section

16-S -34  
-99.50 To 9999. %



71

Incident Energy (eV)

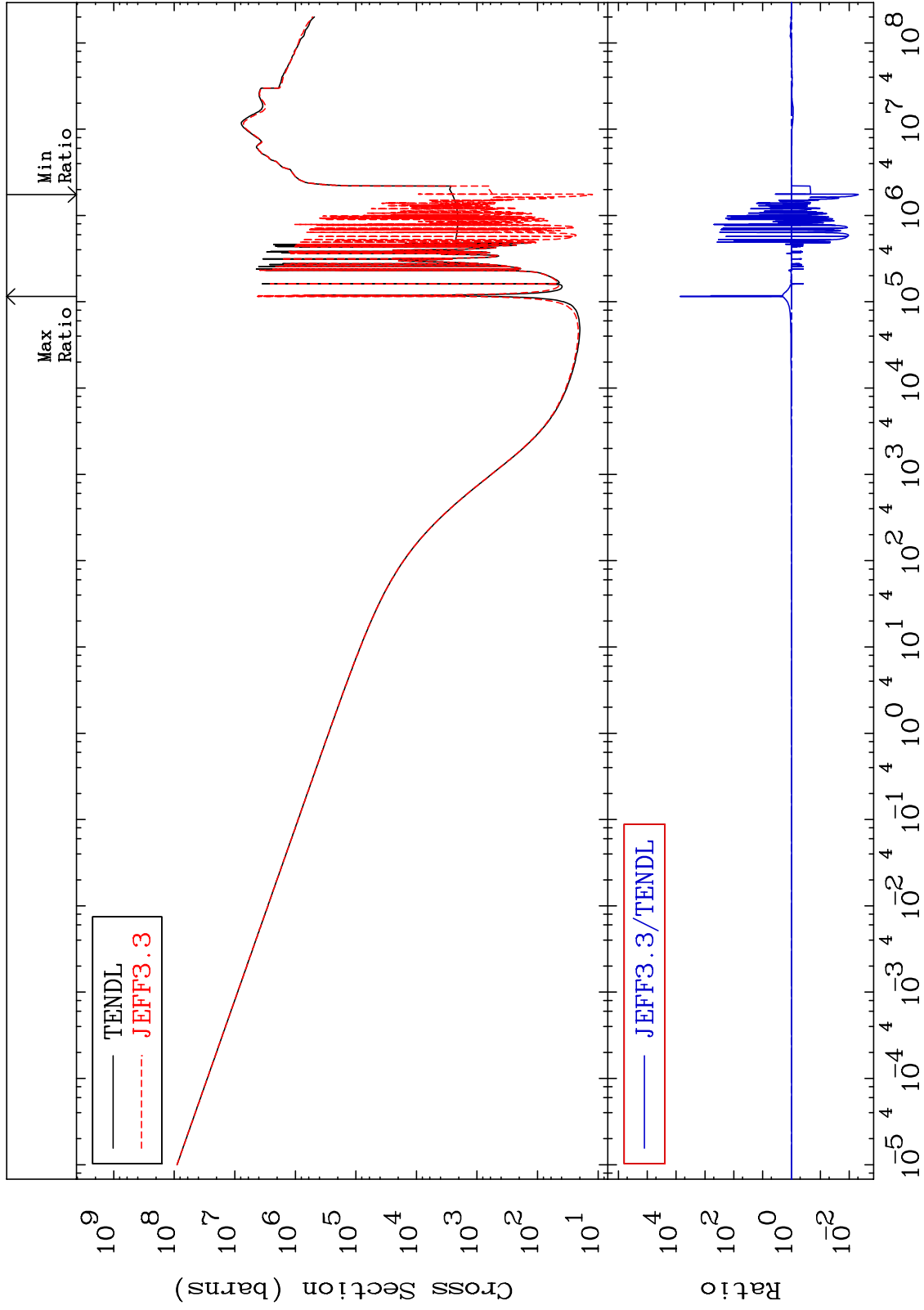
16-S -34



MAT 1631

Total photon (eV-barns)  
Cross Section

16-S -34  
-99.52 To 9999. %



72

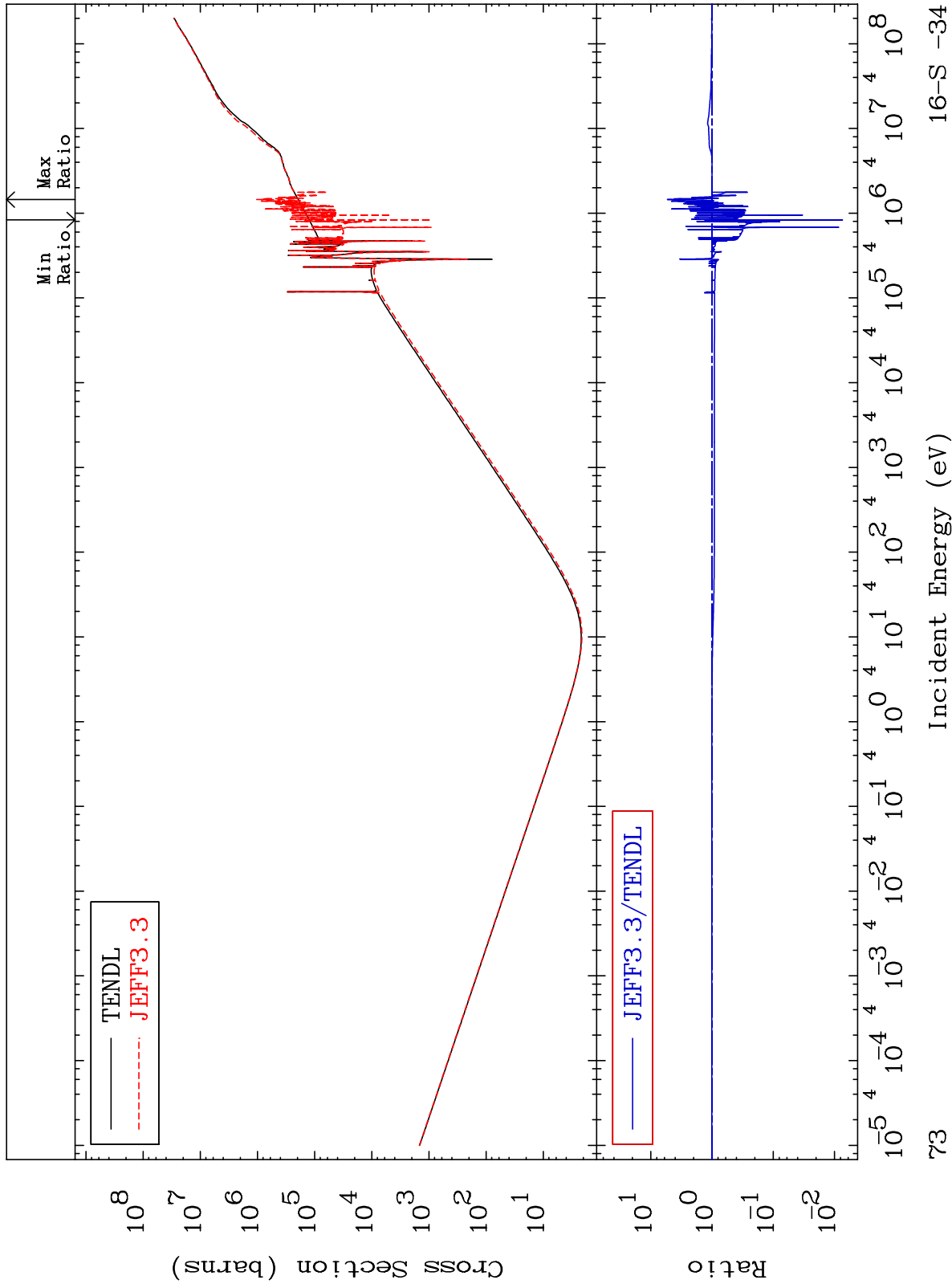
Incident Energy (eV)

16-S -34

MAT 1631

Total kinematic kerma (high limit)  
Cross Section

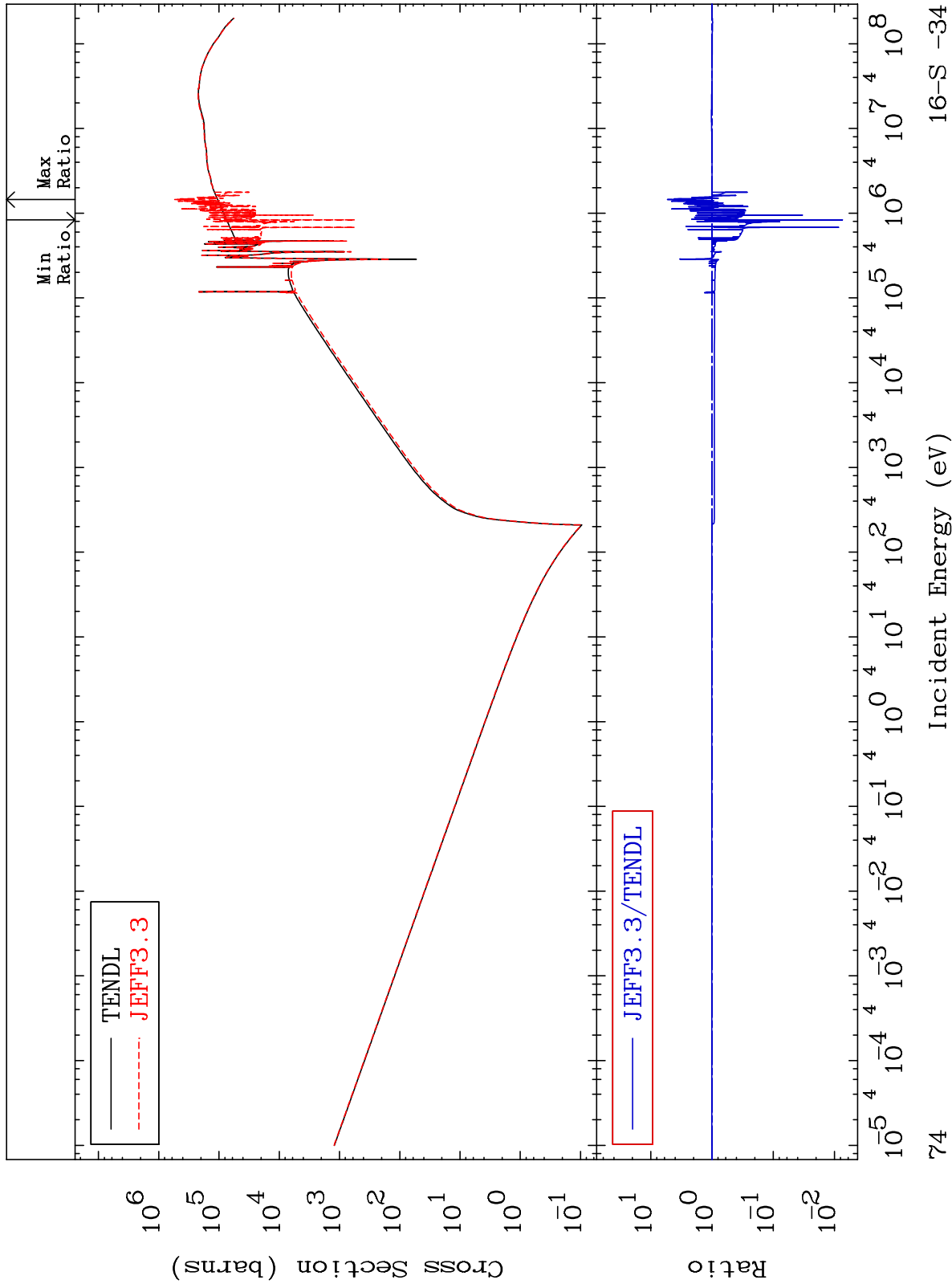
16-S -34  
-99.26 To 433.1 %



MAT 1631

Dpa total (eV-barns)  
Cross Section

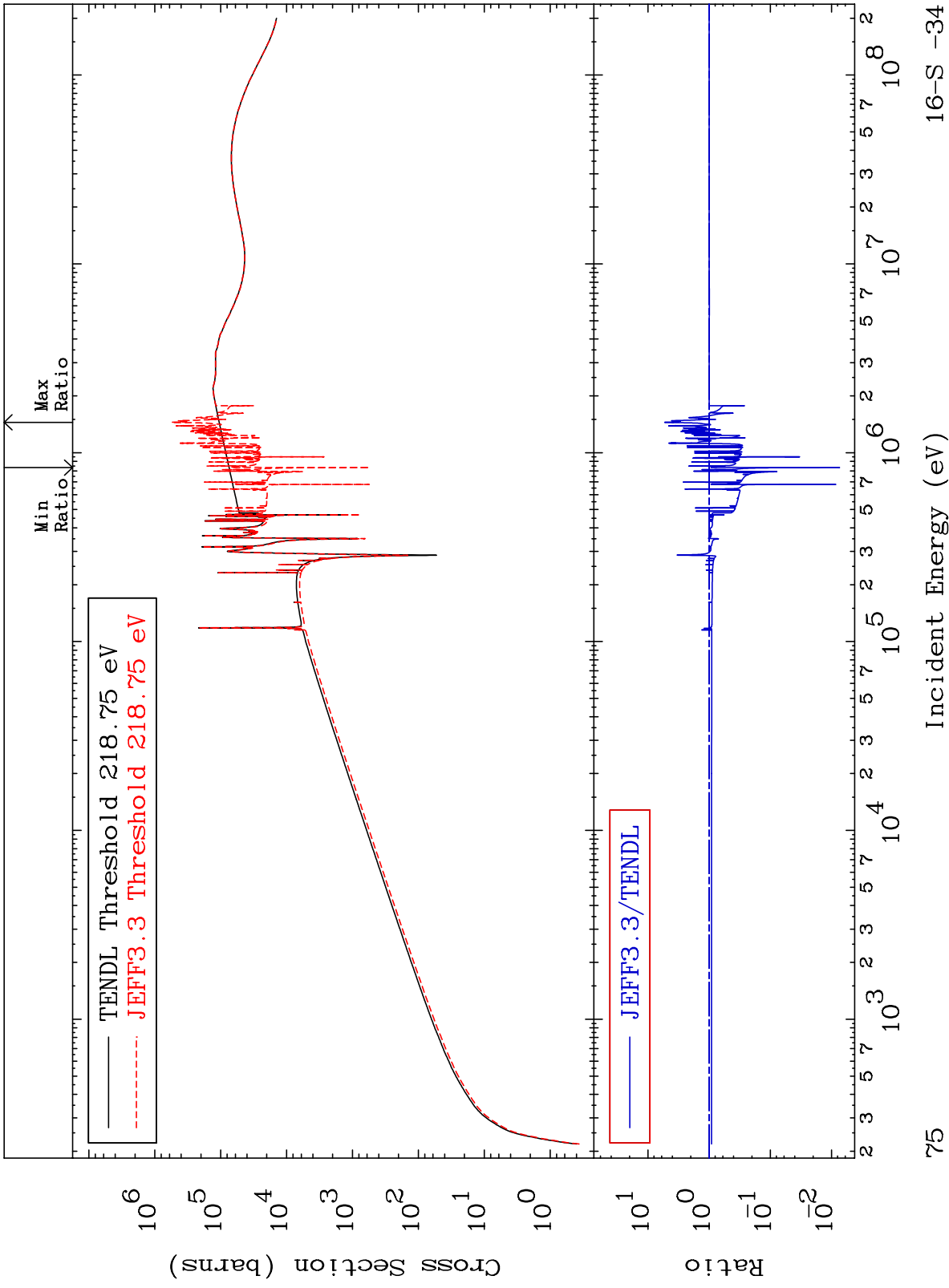
16-S -34  
-99.26 To 433.0 %



MAT 1631

Dpa elastic (mt2)  
Cross Section

16-S -34  
-99.26 To 433.0 %



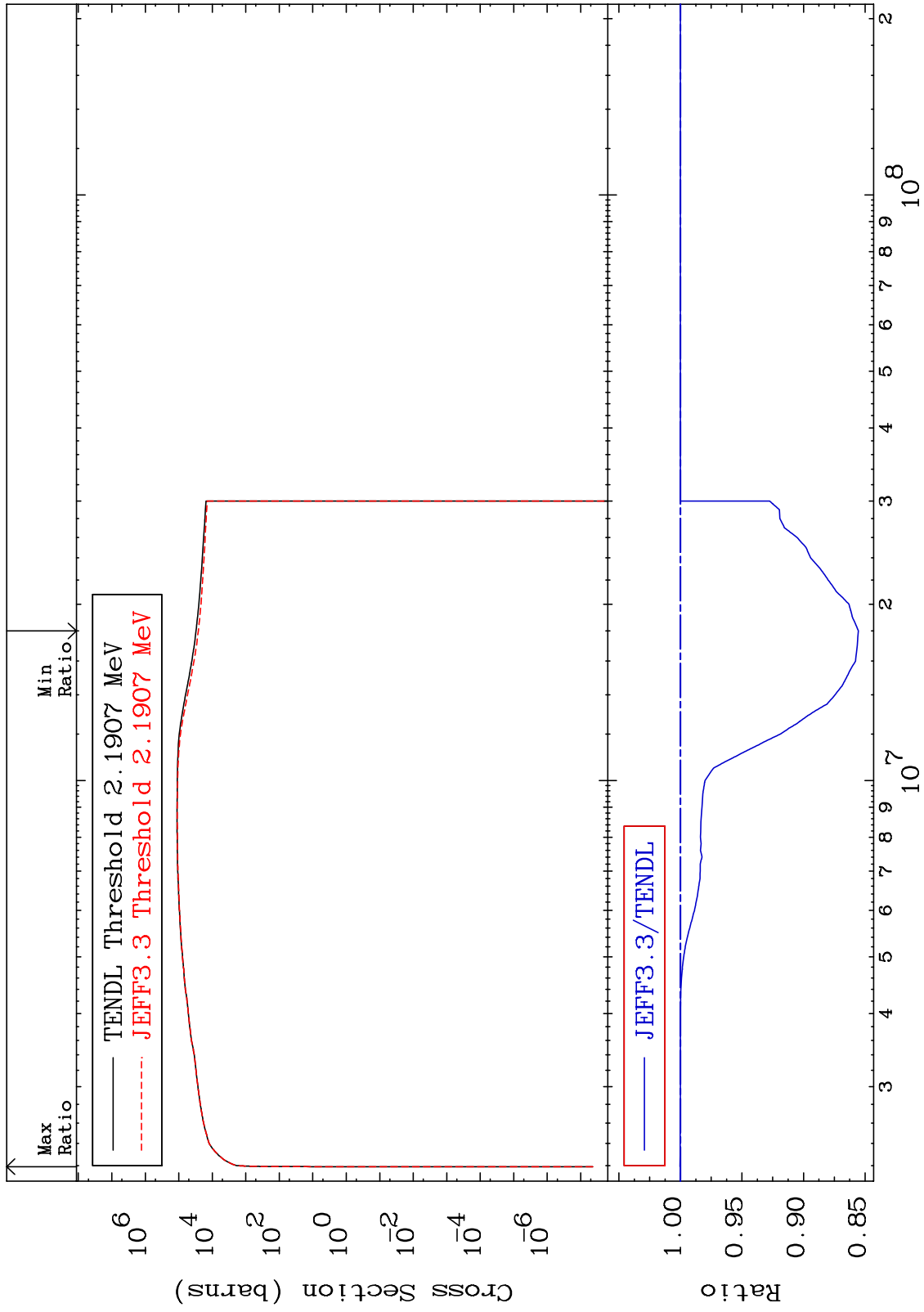
75

16-S -34

MAT 1631

Dpa inelastic (mt51-91)  
Cross Section

16-S -34  
-14.46 To 0.033 %



76

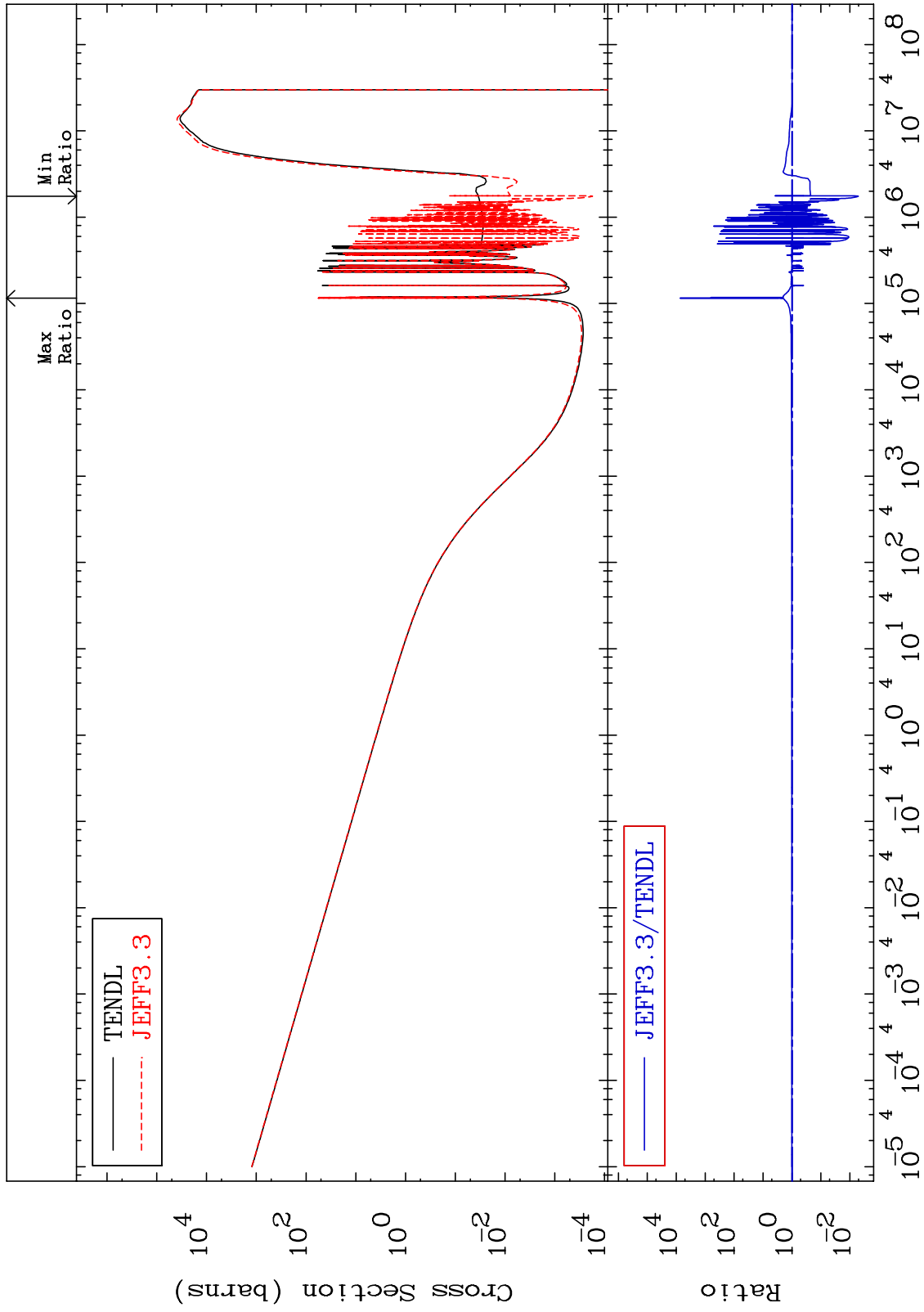
Incident Energy (eV)

16-S -34

MAT 1631

Dpa disappearance (mt102 -120)  
Cross Section

16-S -34  
-99.50 To 9999. %



77

Incident Energy (eV)

16-S -34