

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

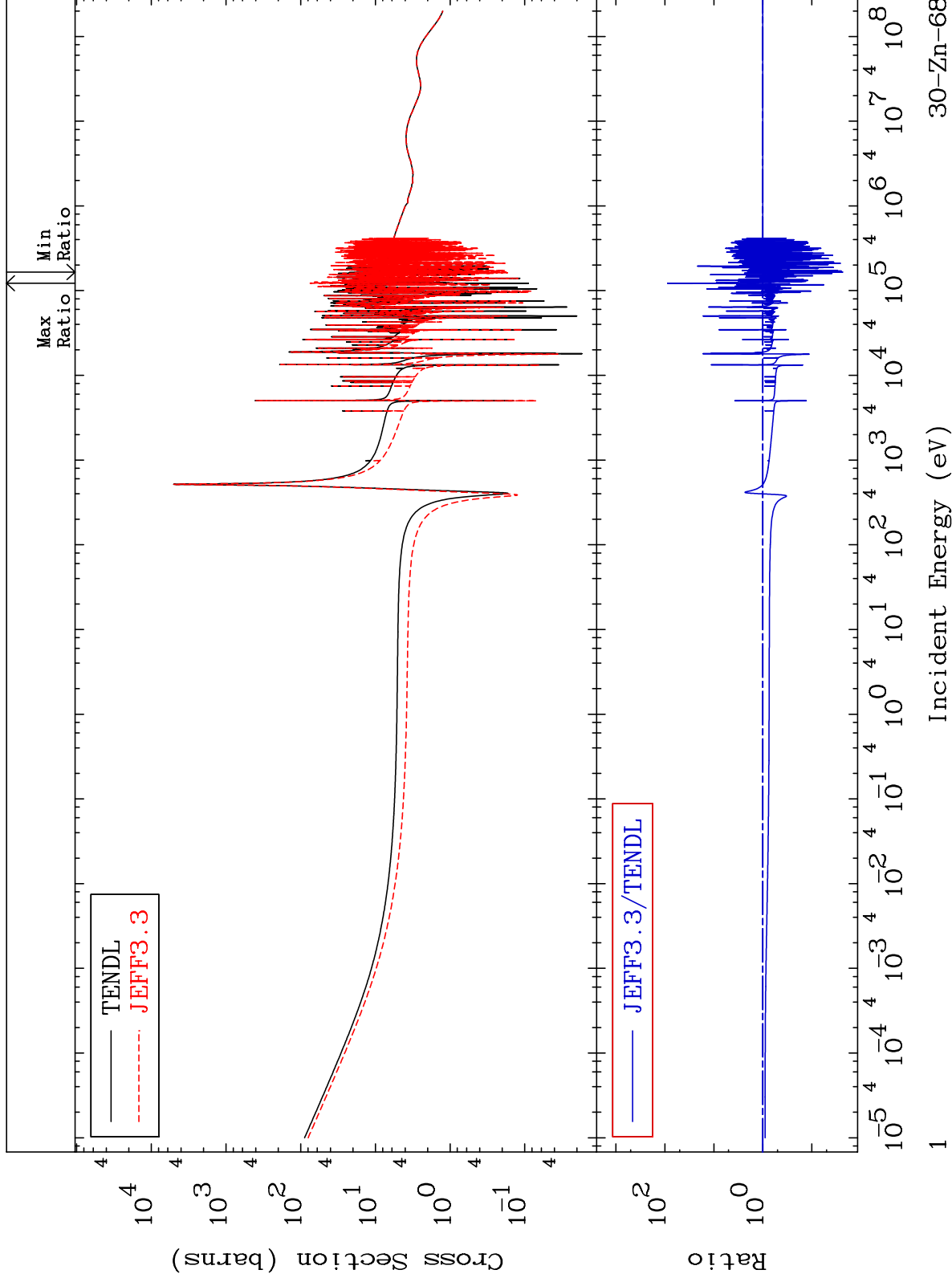
MAT 3037

Total

30-Zn-68

Cross Section

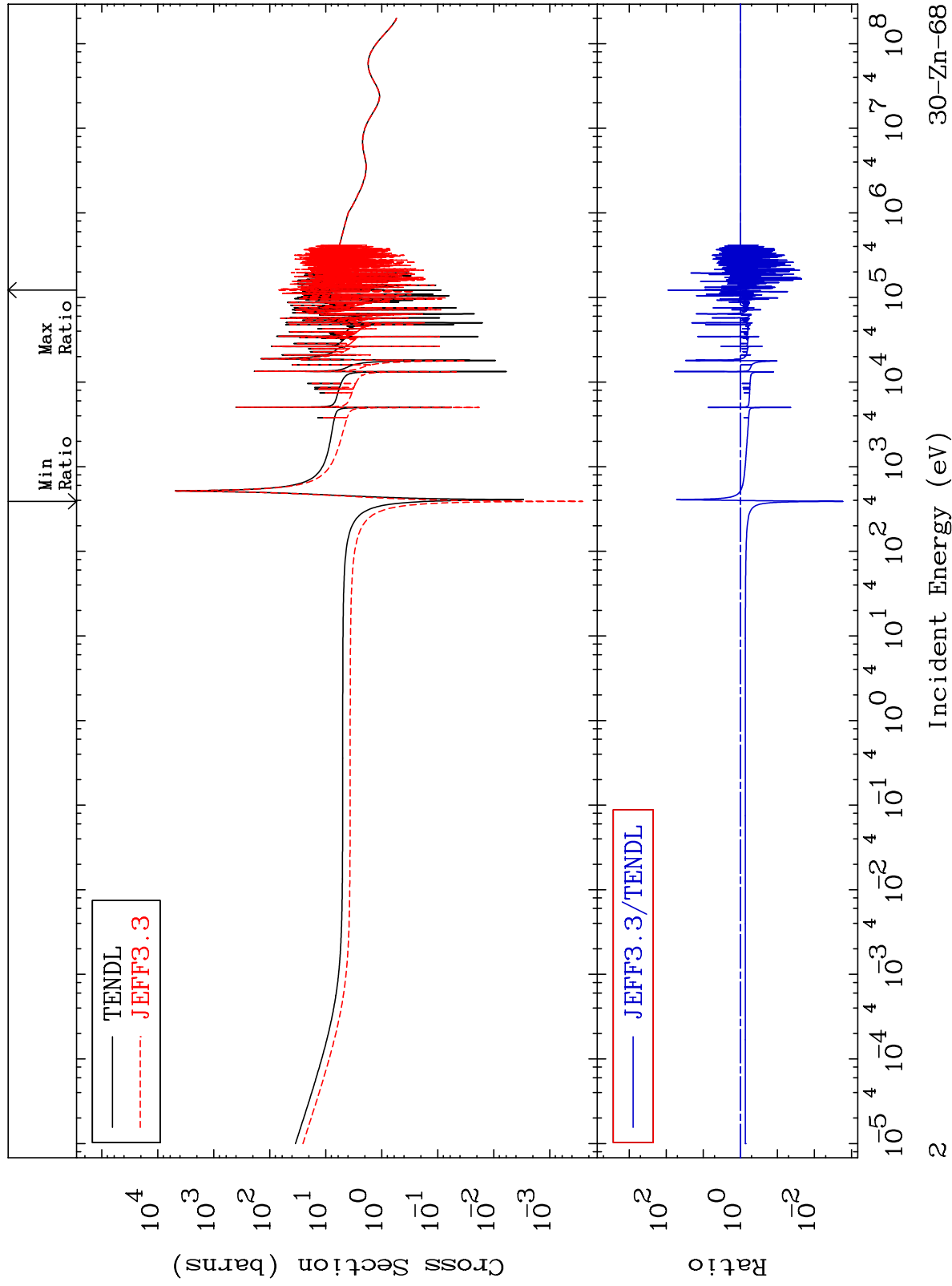
-97.66 To 8732. %



MAT 3037

Elastic  
Cross Section

30-Zn-68  
-99.83 To 8854. %

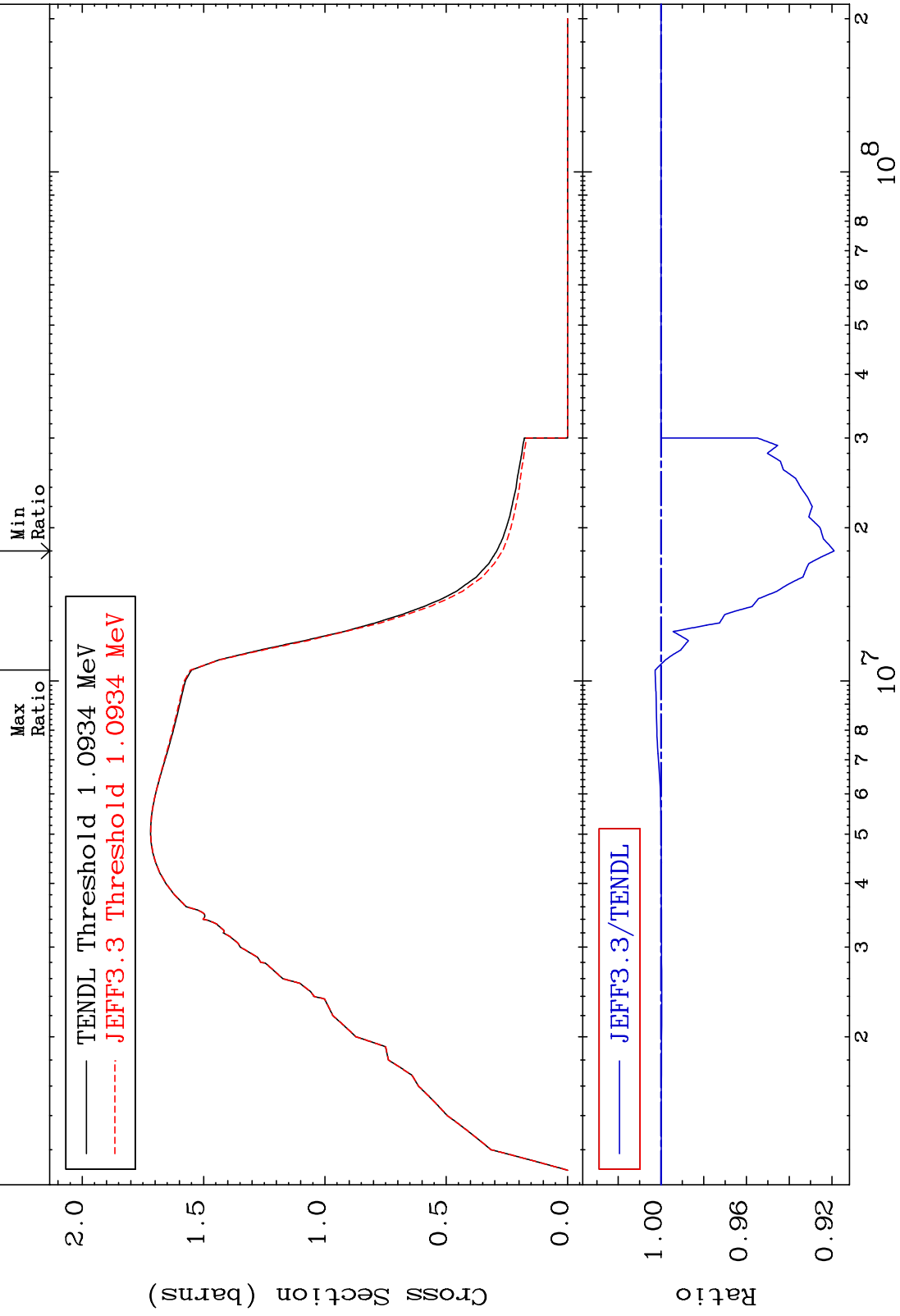


MAT 3037

30-Zn-68

-8.103 To 0.270 %

Inelastic  
Cross Section



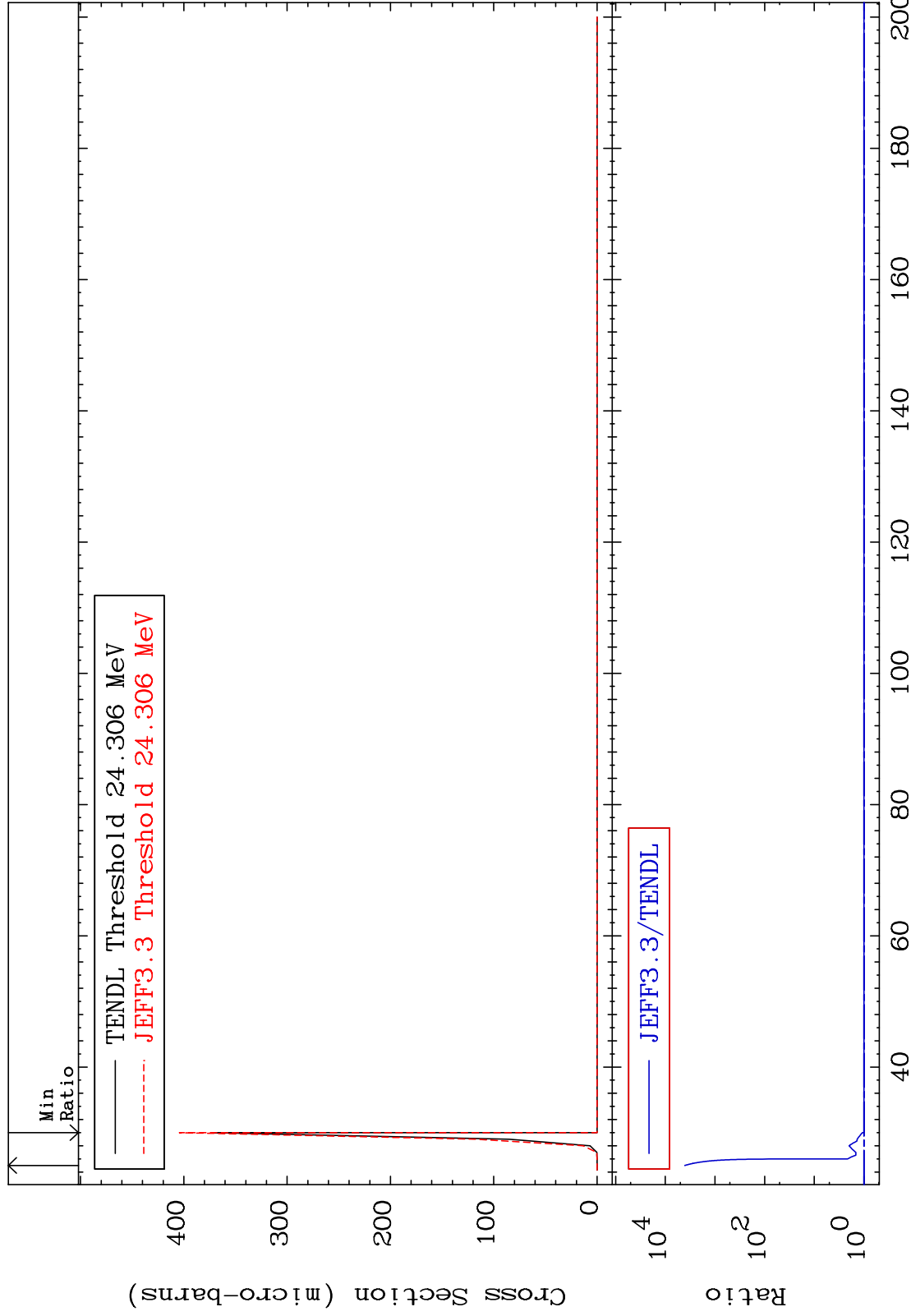
MAT 3037

(n,2n) d

30-Zn-68

Cross Section

0.000 To 9999. %



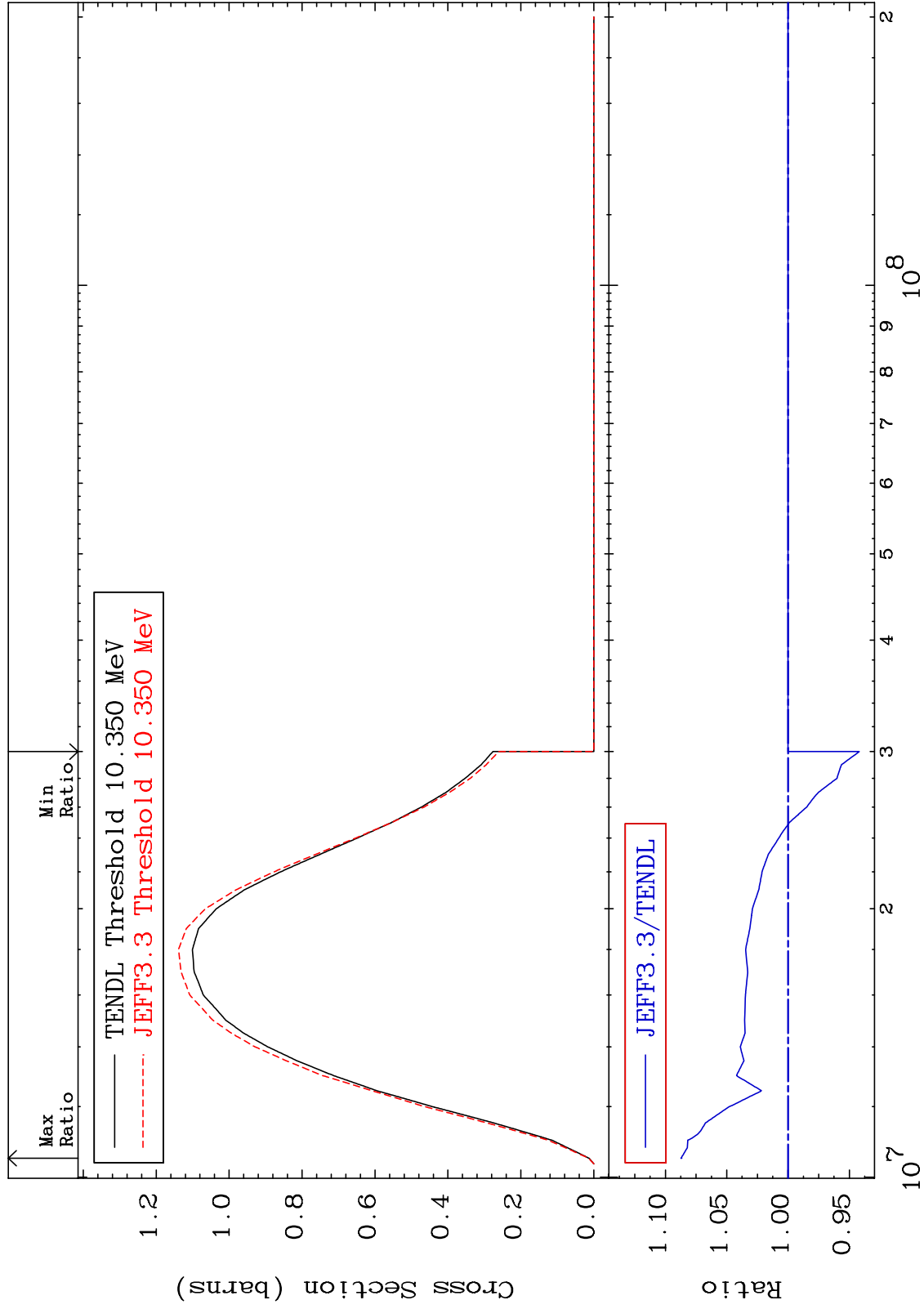
MAT 3037

(n,2n)

30-Zn-68

Cross Section

-5.807 To 8.725 %



Incident Energy (eV)

30-Zn-68

MAT 3037

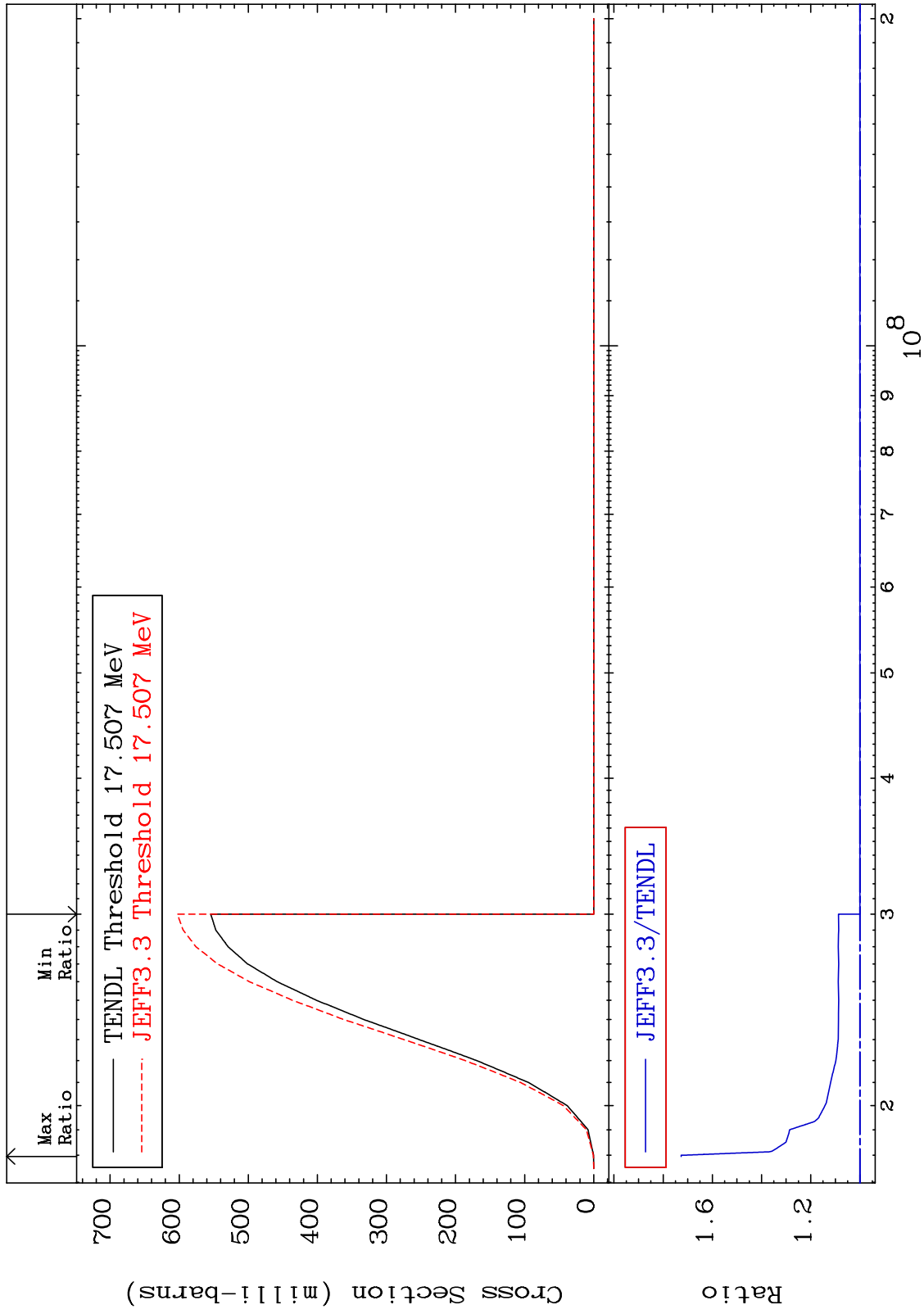
(n, 3n)

30-Zn-68

Cross Section

0.000

To 72.65 %



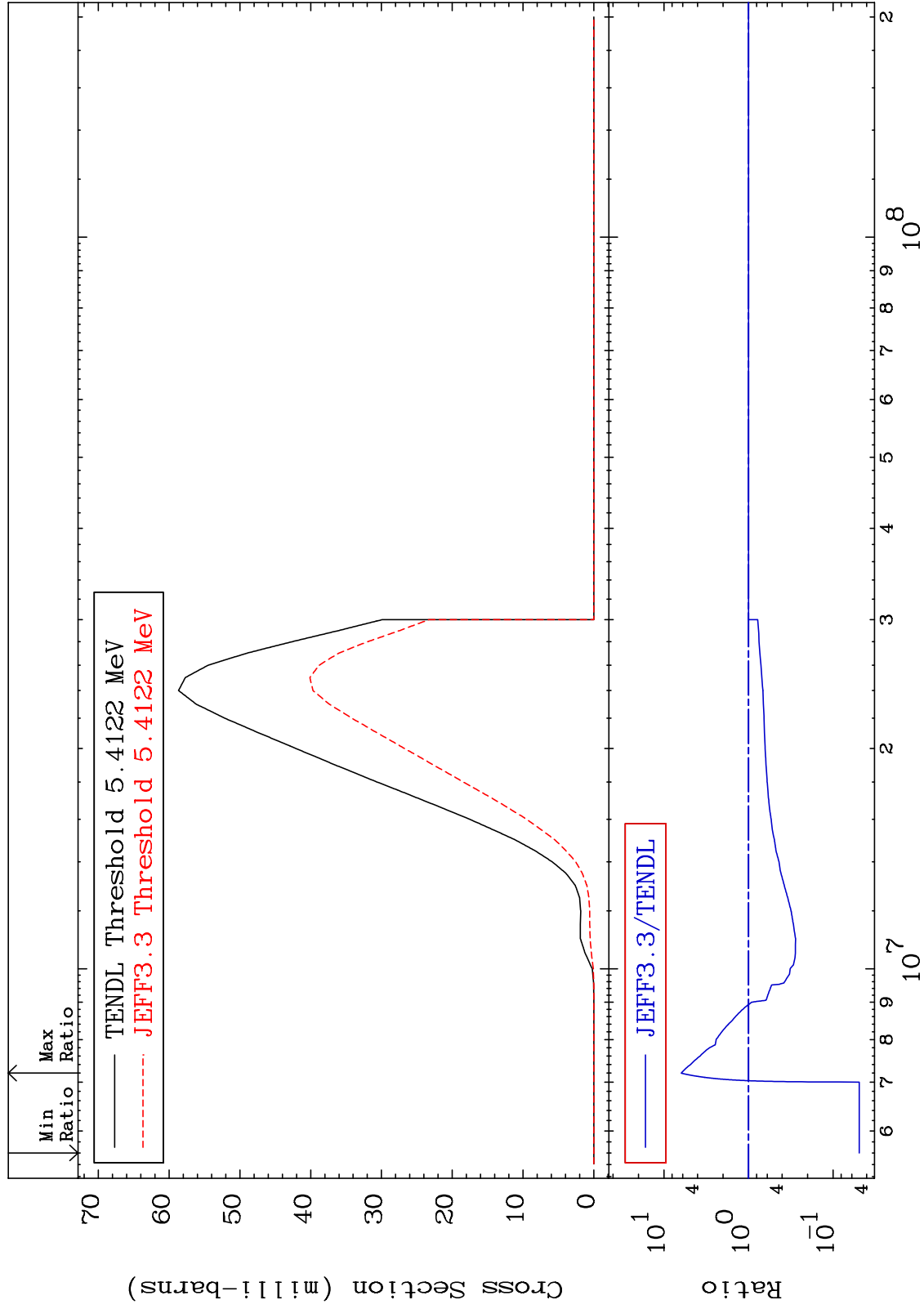
MAT 3037

(n,n')  $\alpha$

30-Zn-68

Cross Section

-95.10 To 527.3 %





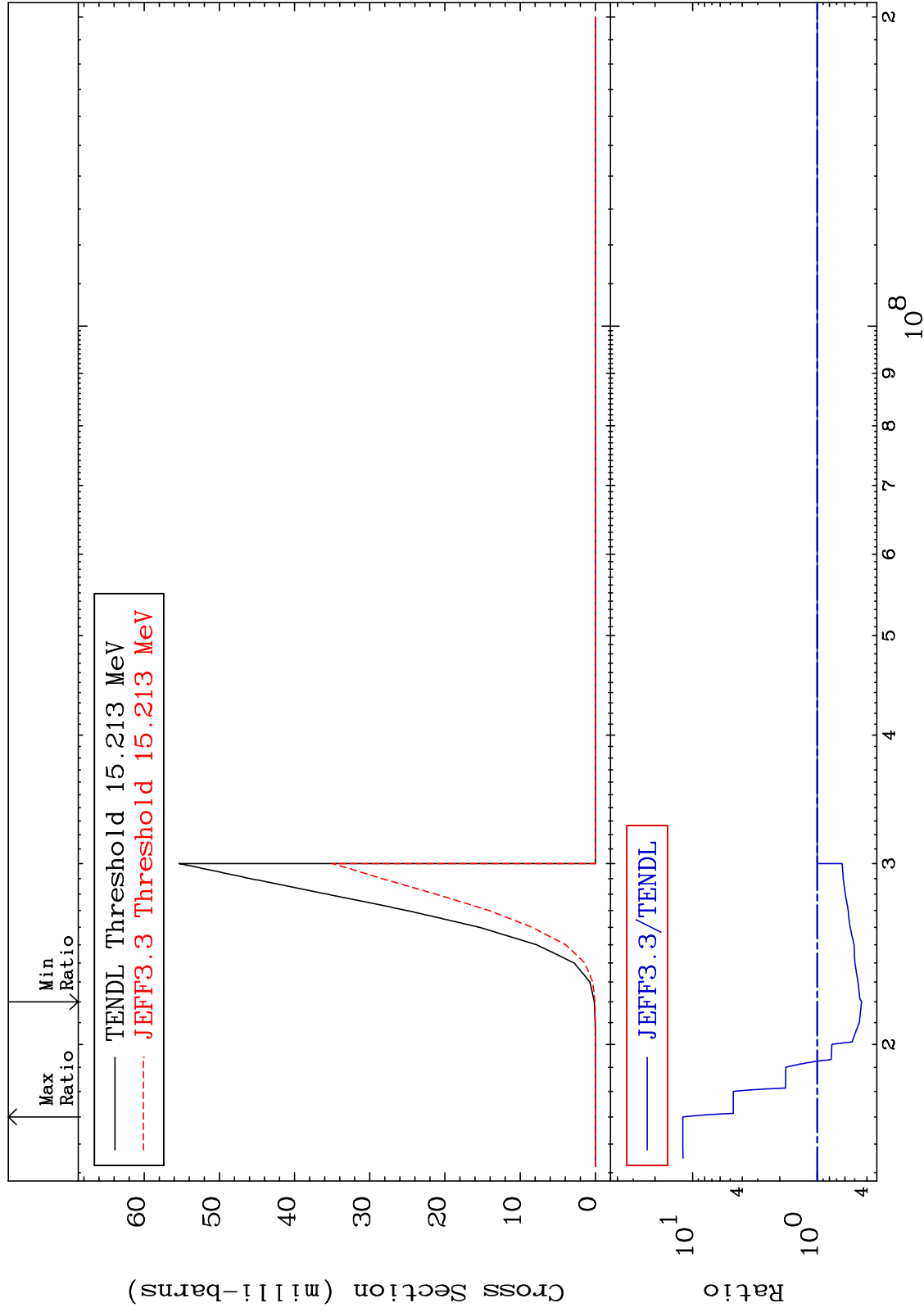
MAT 3037

(n,2n)  $\alpha$

30-Zn-68

Cross Section

-55.88 To 1097. %



8

Incident Energy (eV)

30-Zn-68

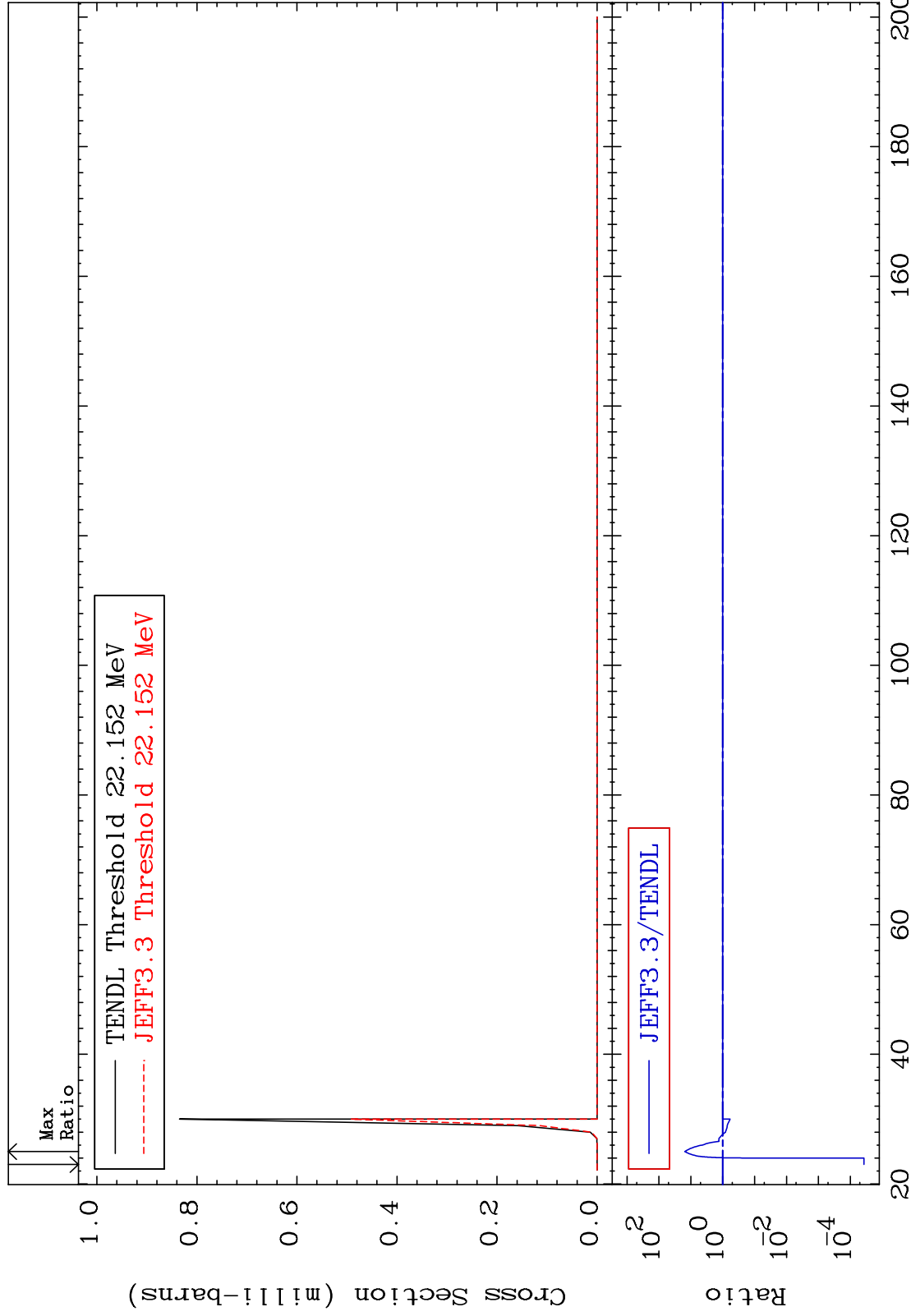
MAT 3037

(n, 3n)  $\alpha$

30-Zn-68

Cross Section

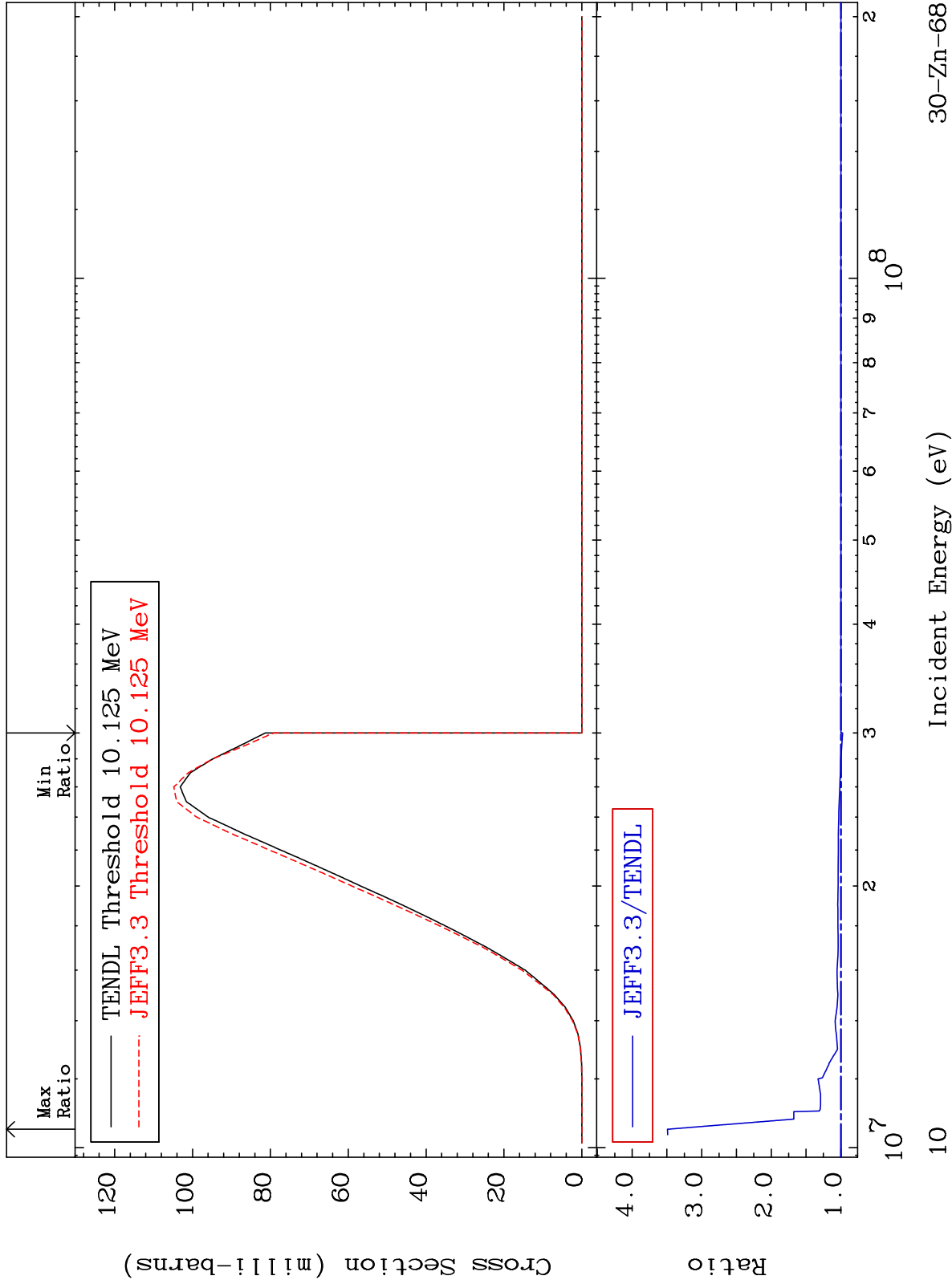
-100.0 To 1448. %



MAT 3037

(n,n') p  
Cross Section

30-Zn-68  
-2.640 To 249.1 %



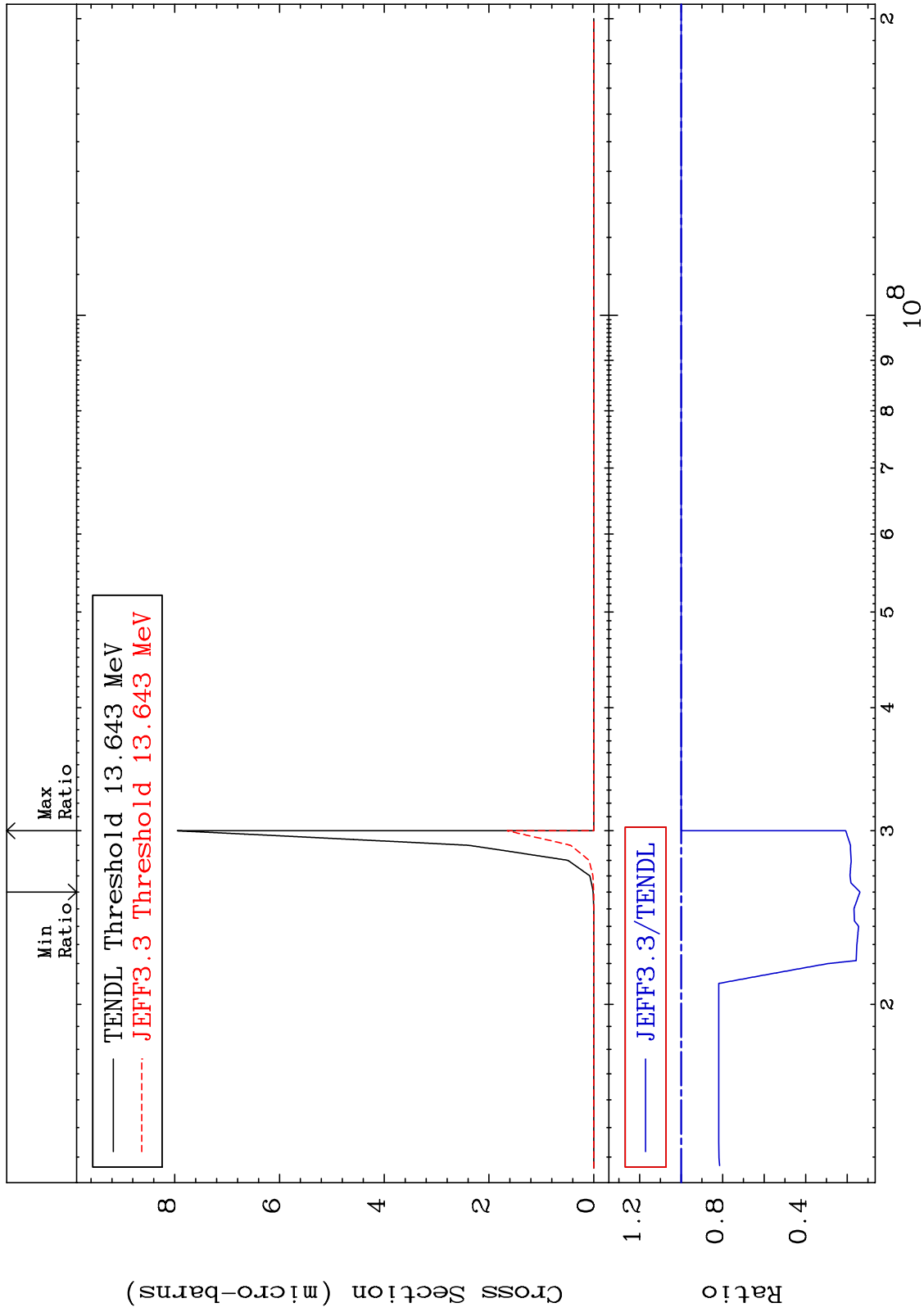
MAT 3037

(n, n') 2α

30-Zn-68

Cross Section

-86.09 To 0.000 %



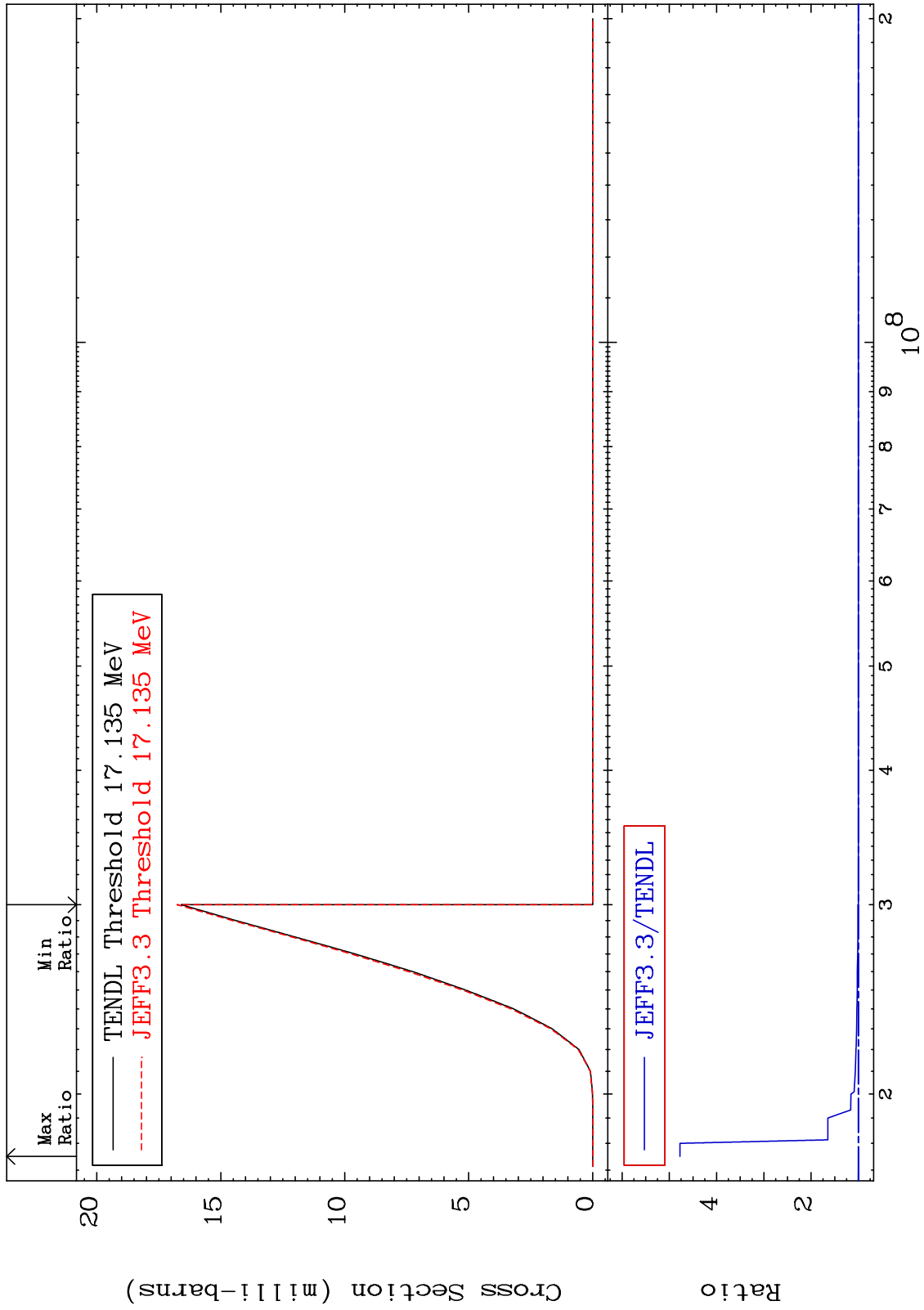
MAT 3037

(n,n') d

30-Zn-68

Cross Section

0.000 To 377.4 %



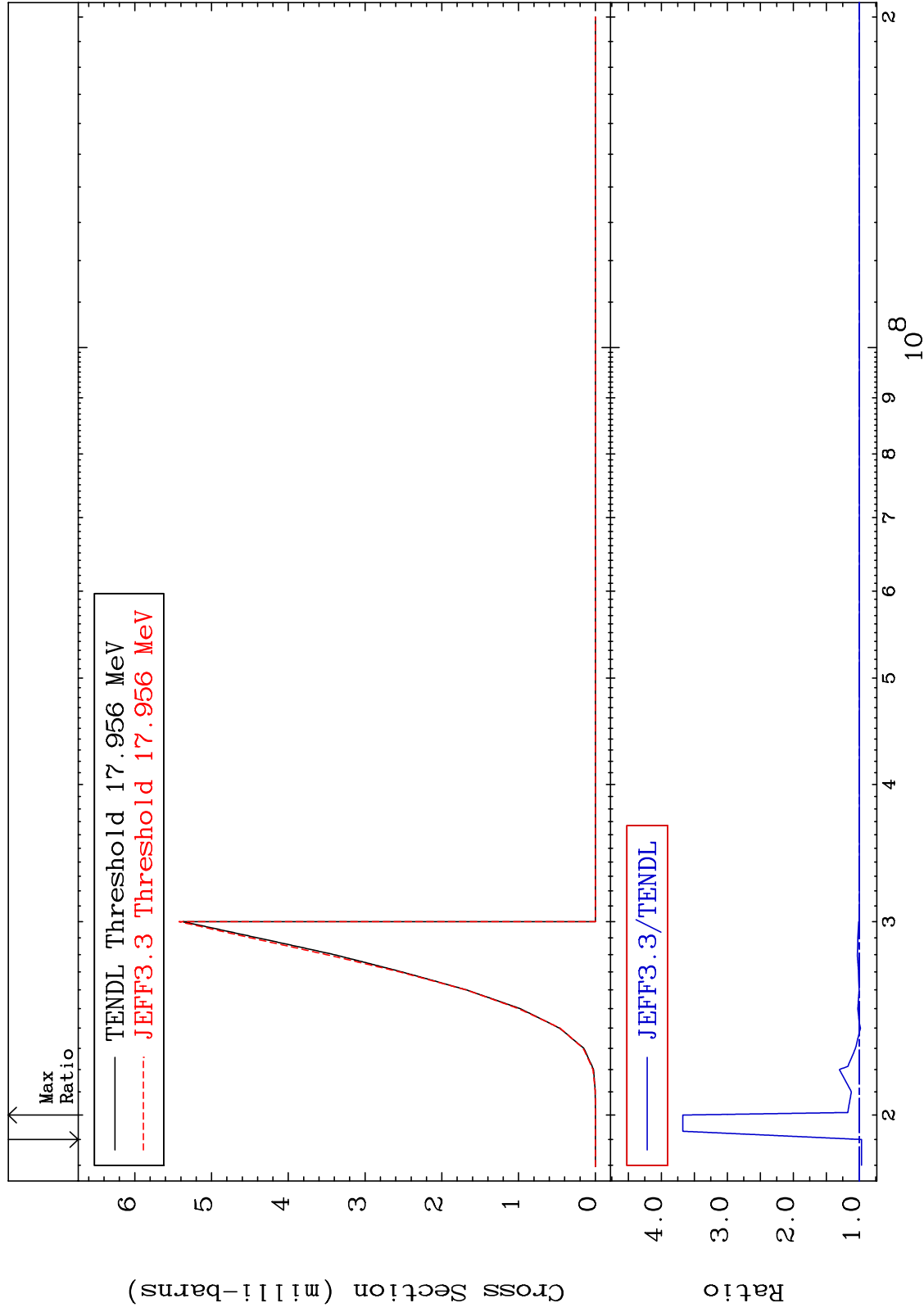
MAT 3037

(n, n') t

30-Zn-68

Cross Section

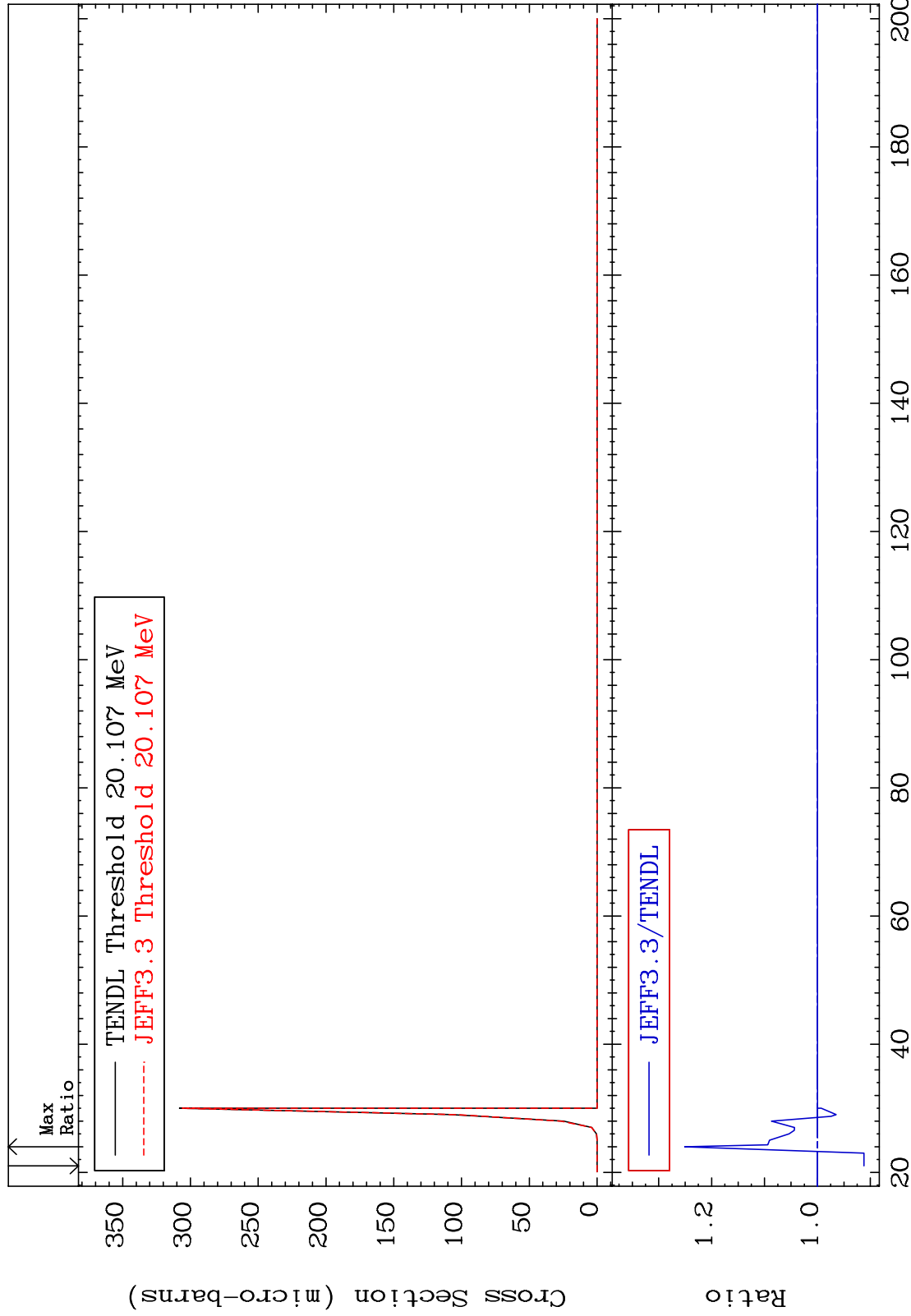
-3.481 To 267.4 %



MAT 3037

(n, n') He-3  
Cross Section

30-Zn-68  
-8.790 To 25.07 %



Incident Energy (MeV) 30-Zn-68

MAT 3037

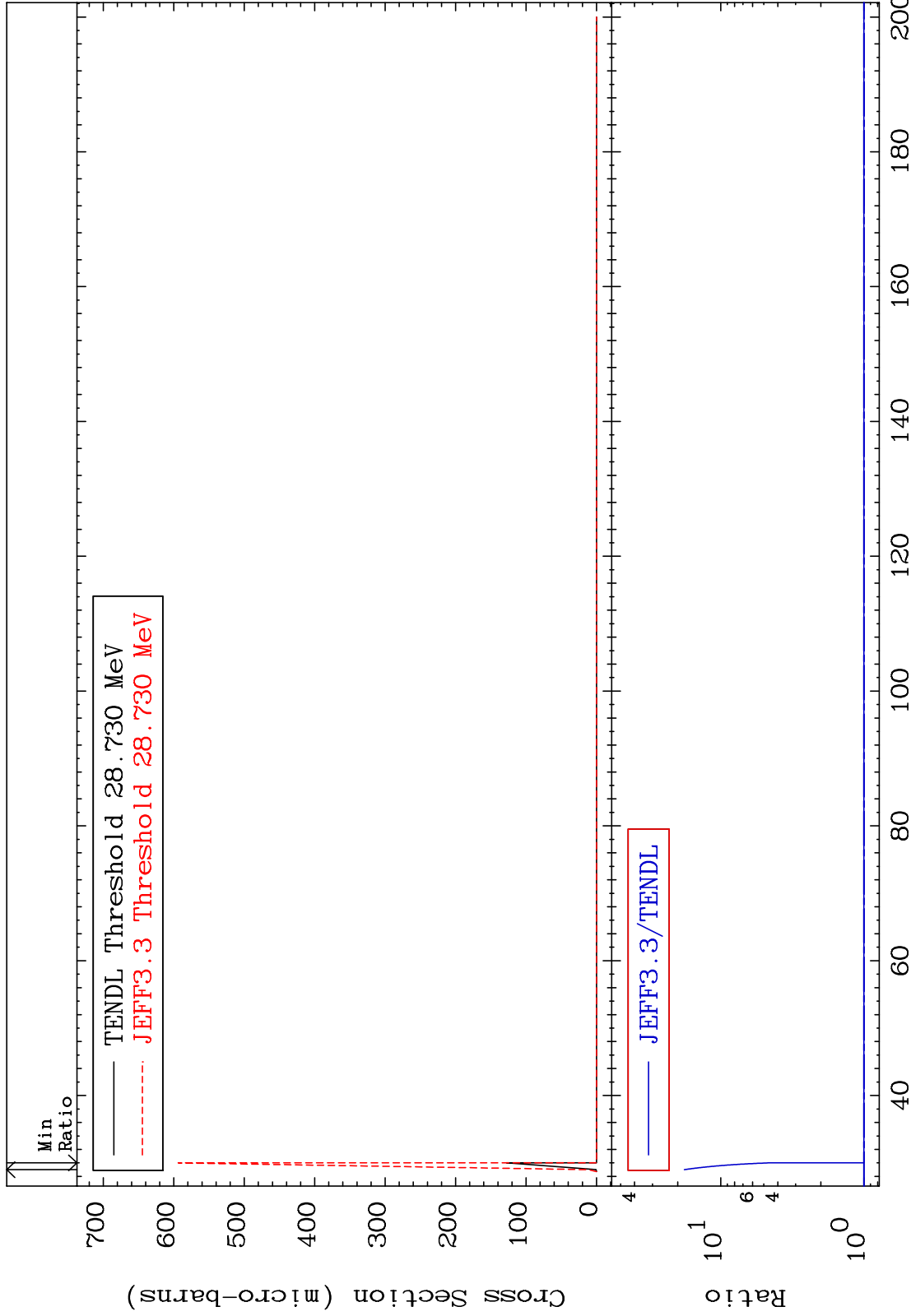
(n, 4n)

30-Zn-68

Cross Section

0.000

To 1696. %



15

Incident Energy (MeV)

30-Zn-68



MAT 3037

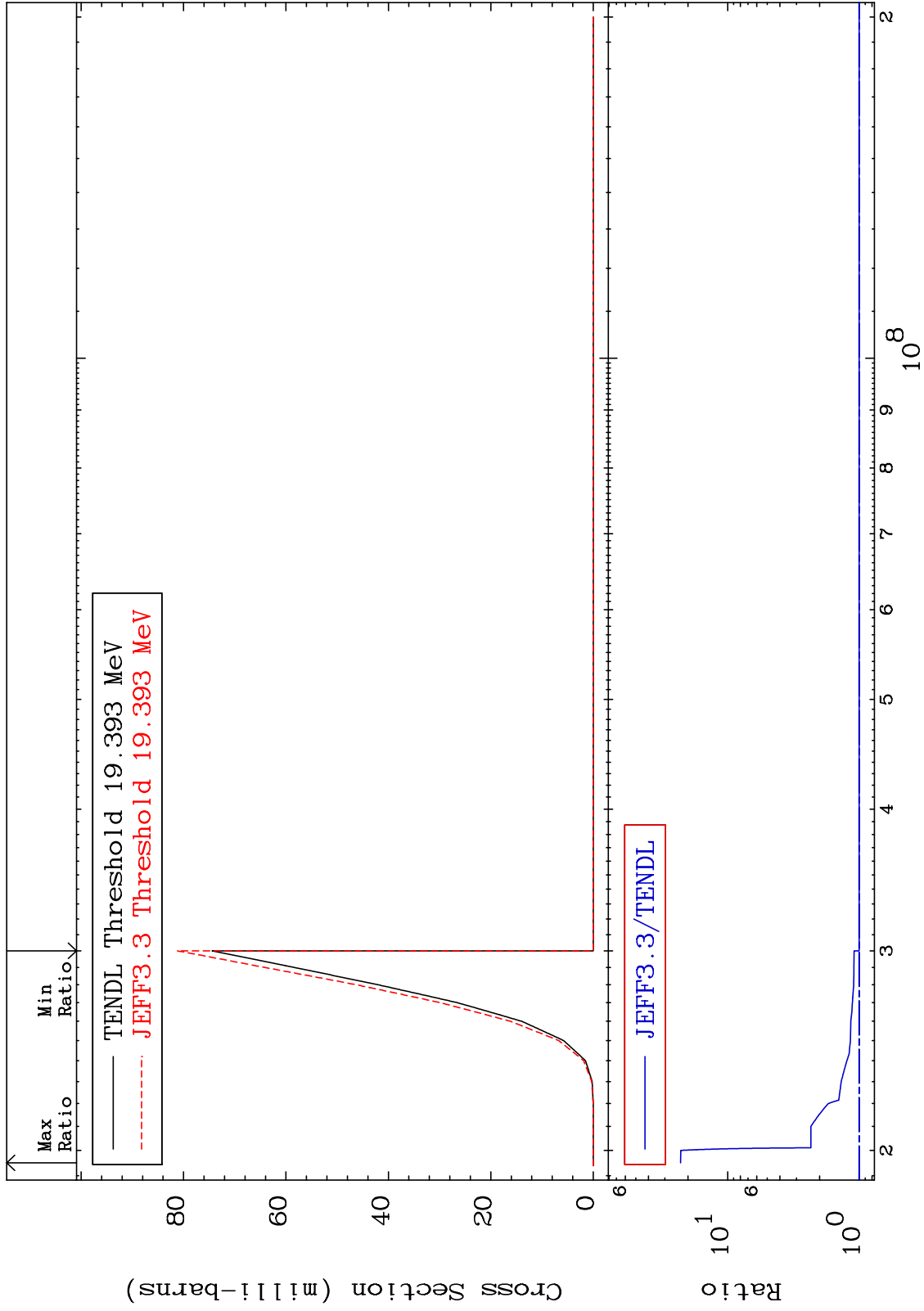
(n,2n) p

30-Zn-68

Cross Section

0.000

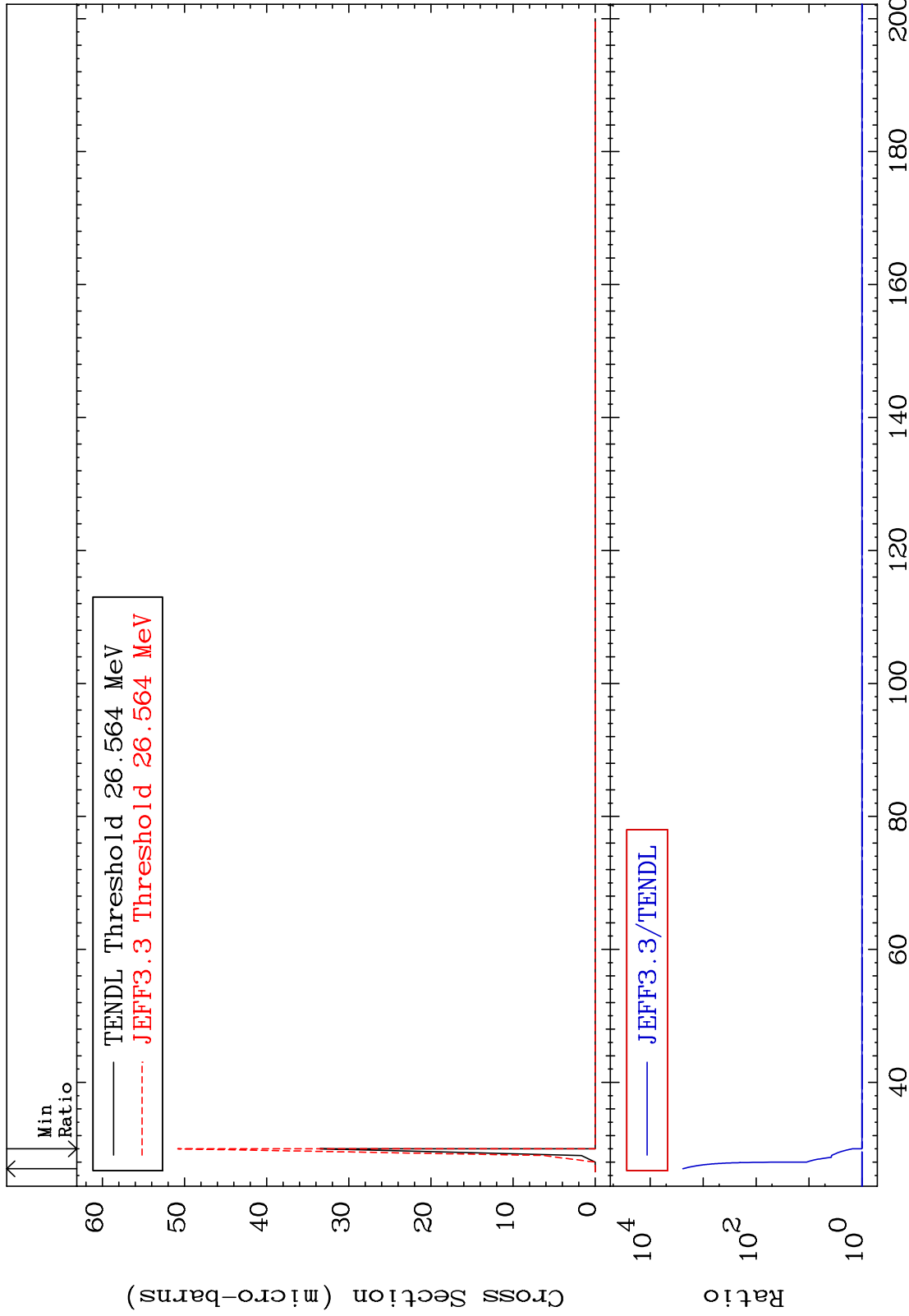
To 2177. %



MAT 3037

(n,3n) p  
Cross Section

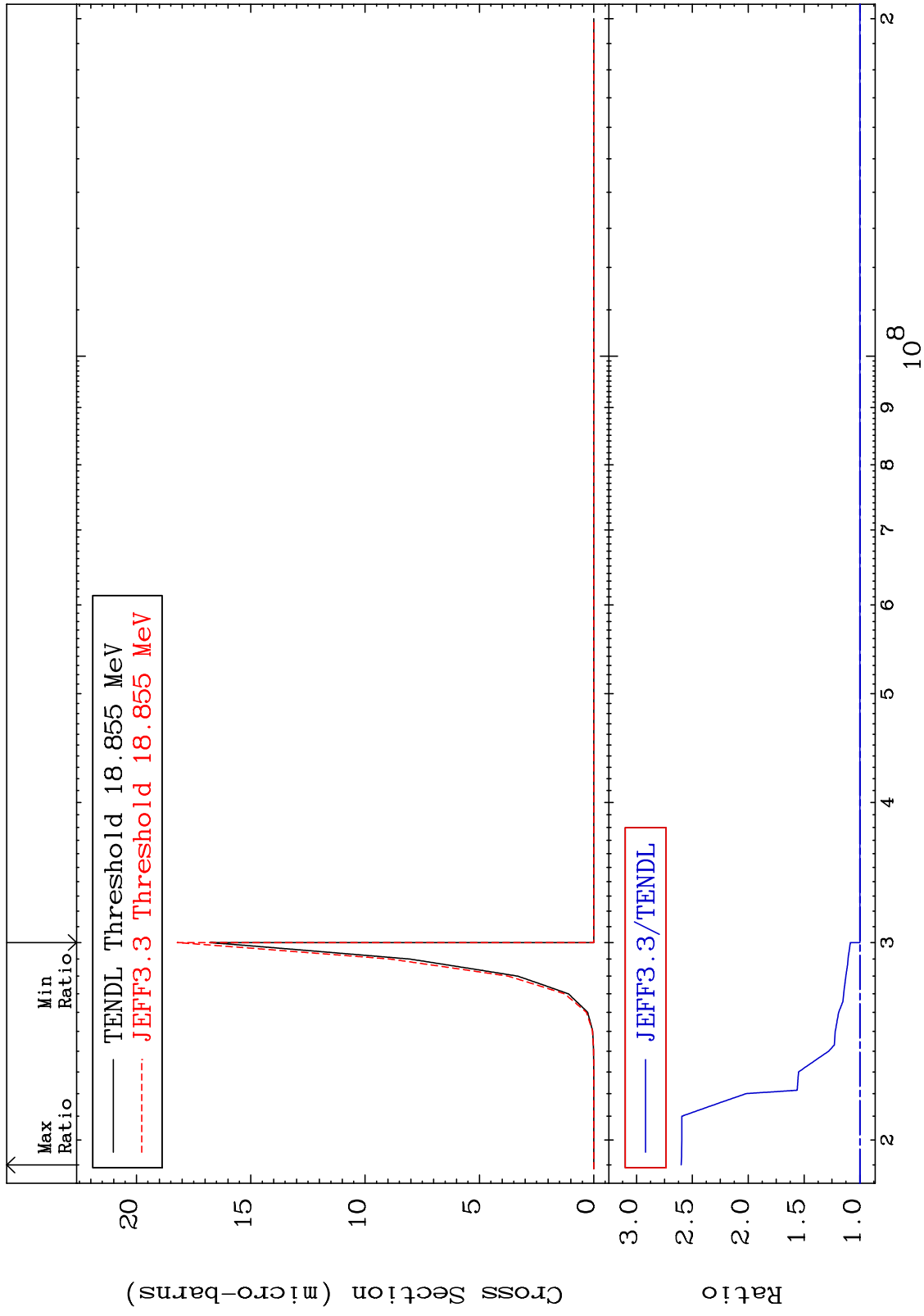
30-Zn-68  
0.000 To 9999. %



MAT 3037

(n,2n) p  
Cross Section

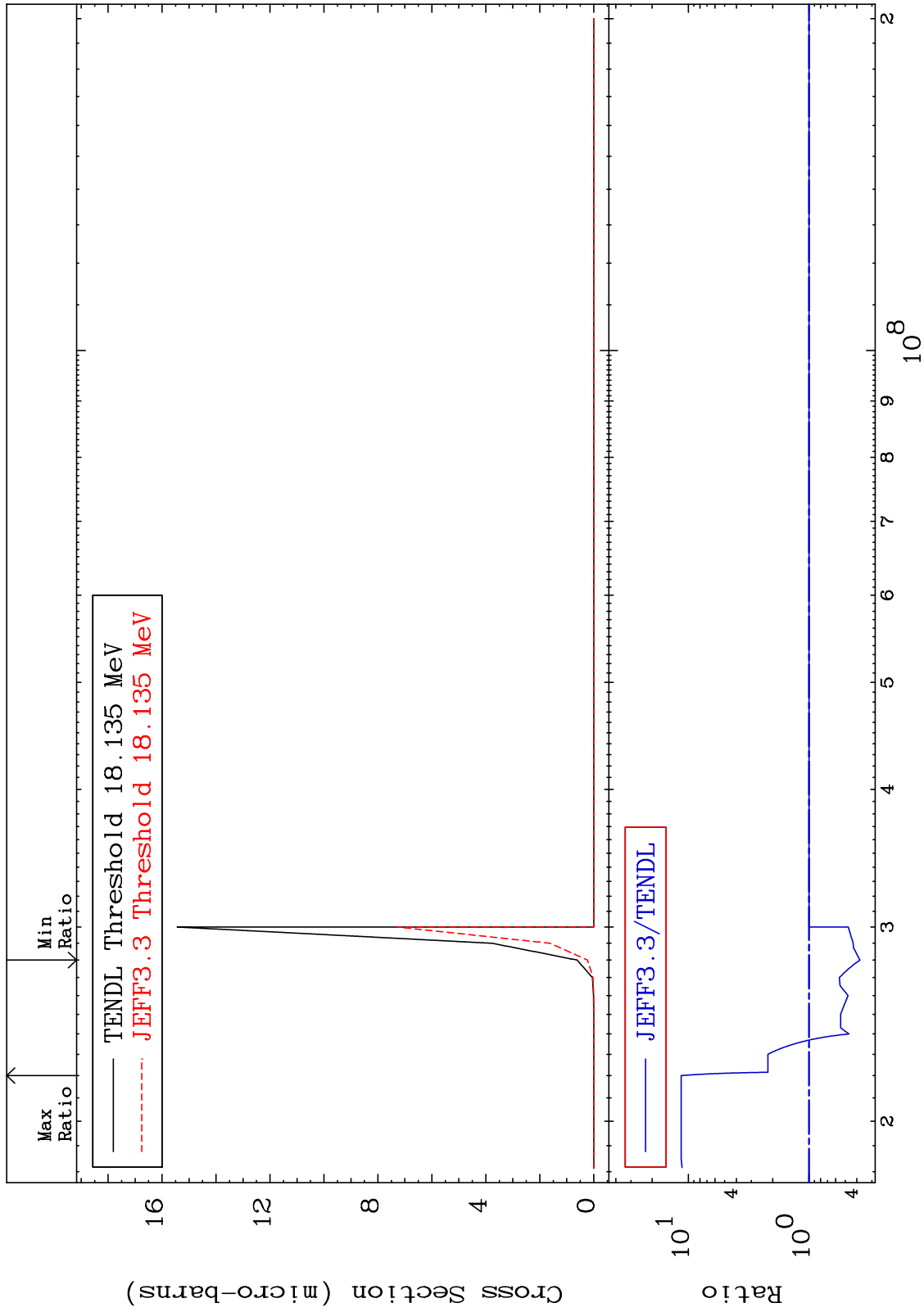
30-Zn-68  
0.000 To 160.0 %



MAT 3037

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

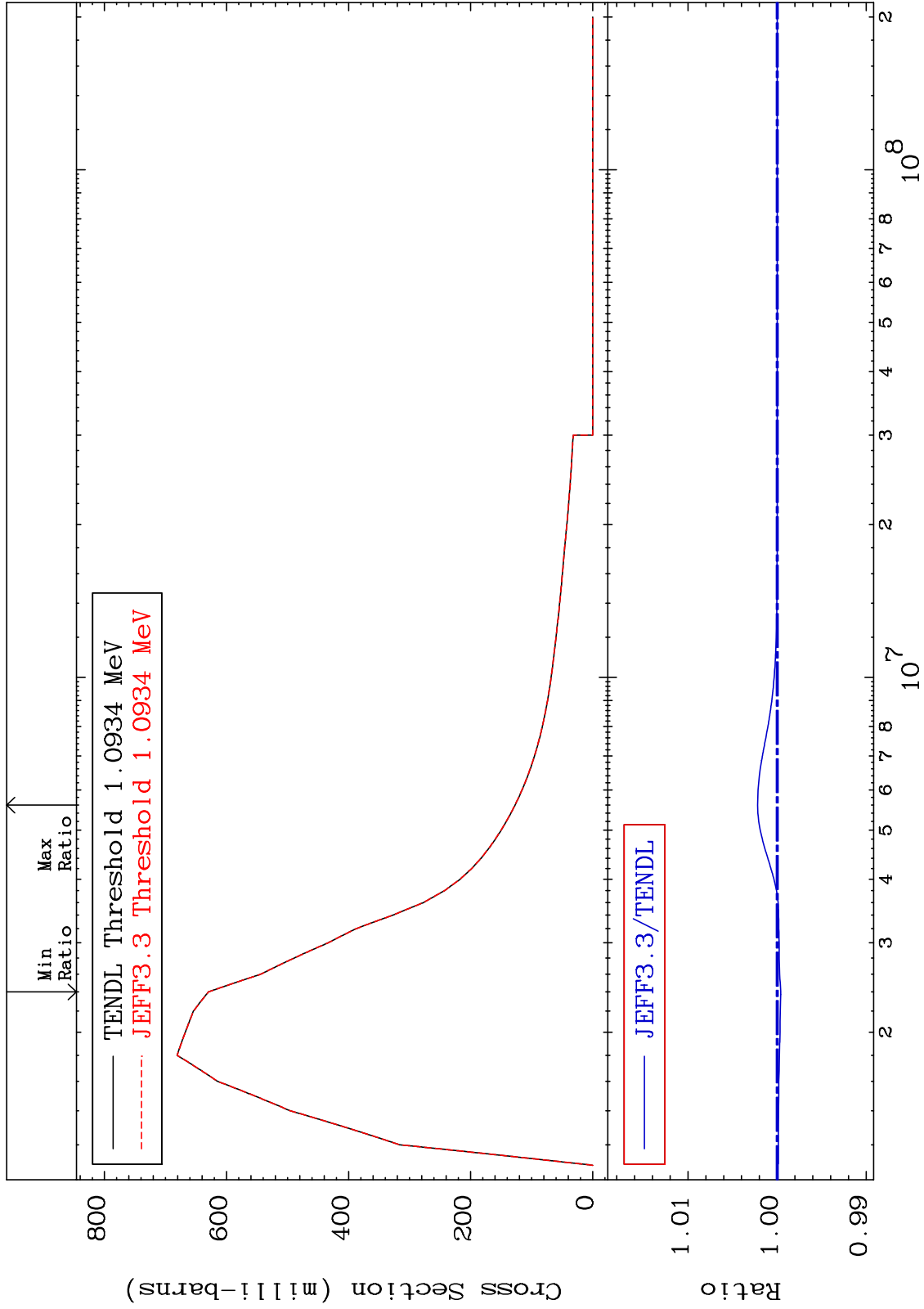
30-Zn-68  
-62.26 To 1046. %



MAT 3037

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

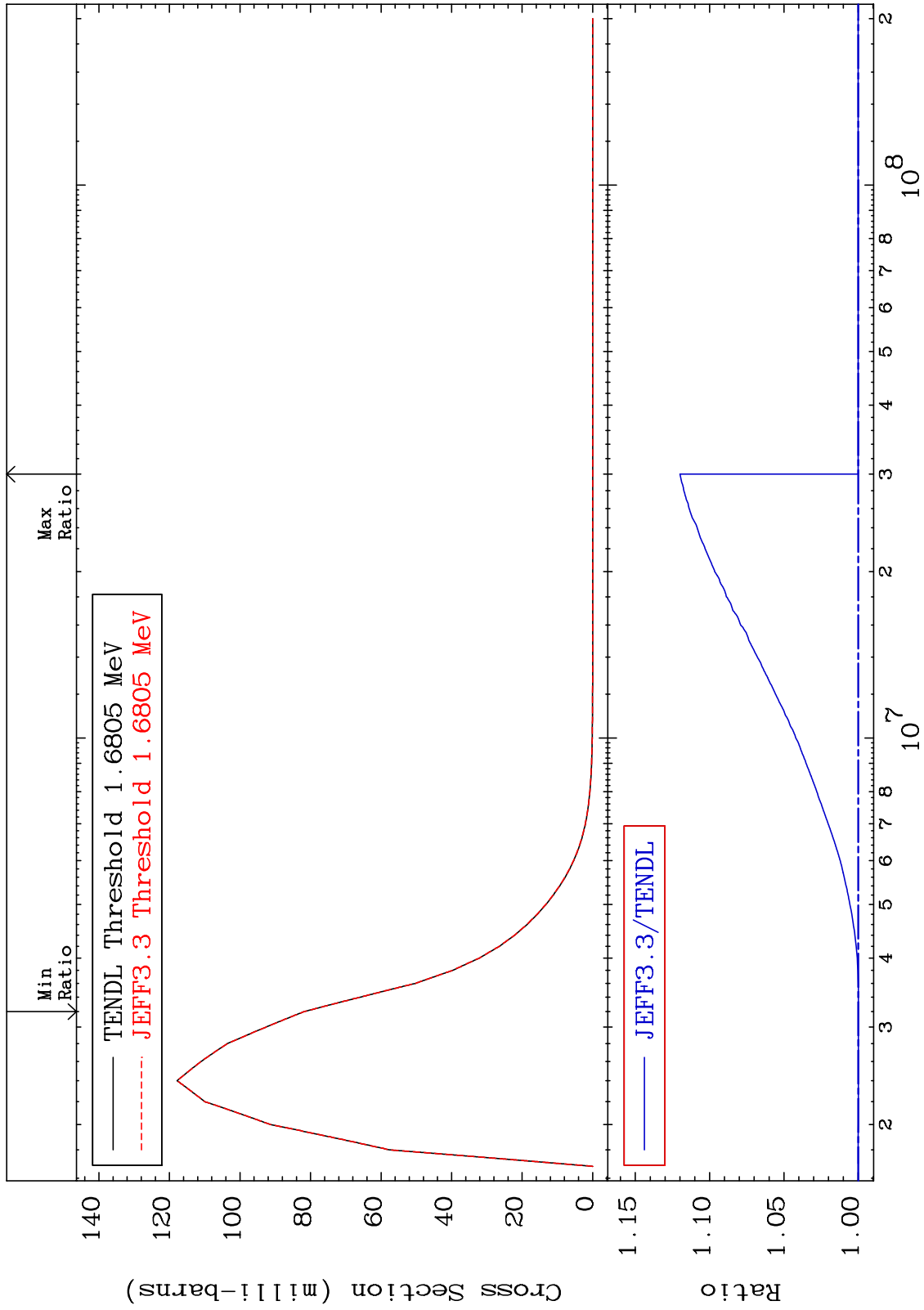
30-Zn-68  
-0.041 To 0.219 %



MAT 3037

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

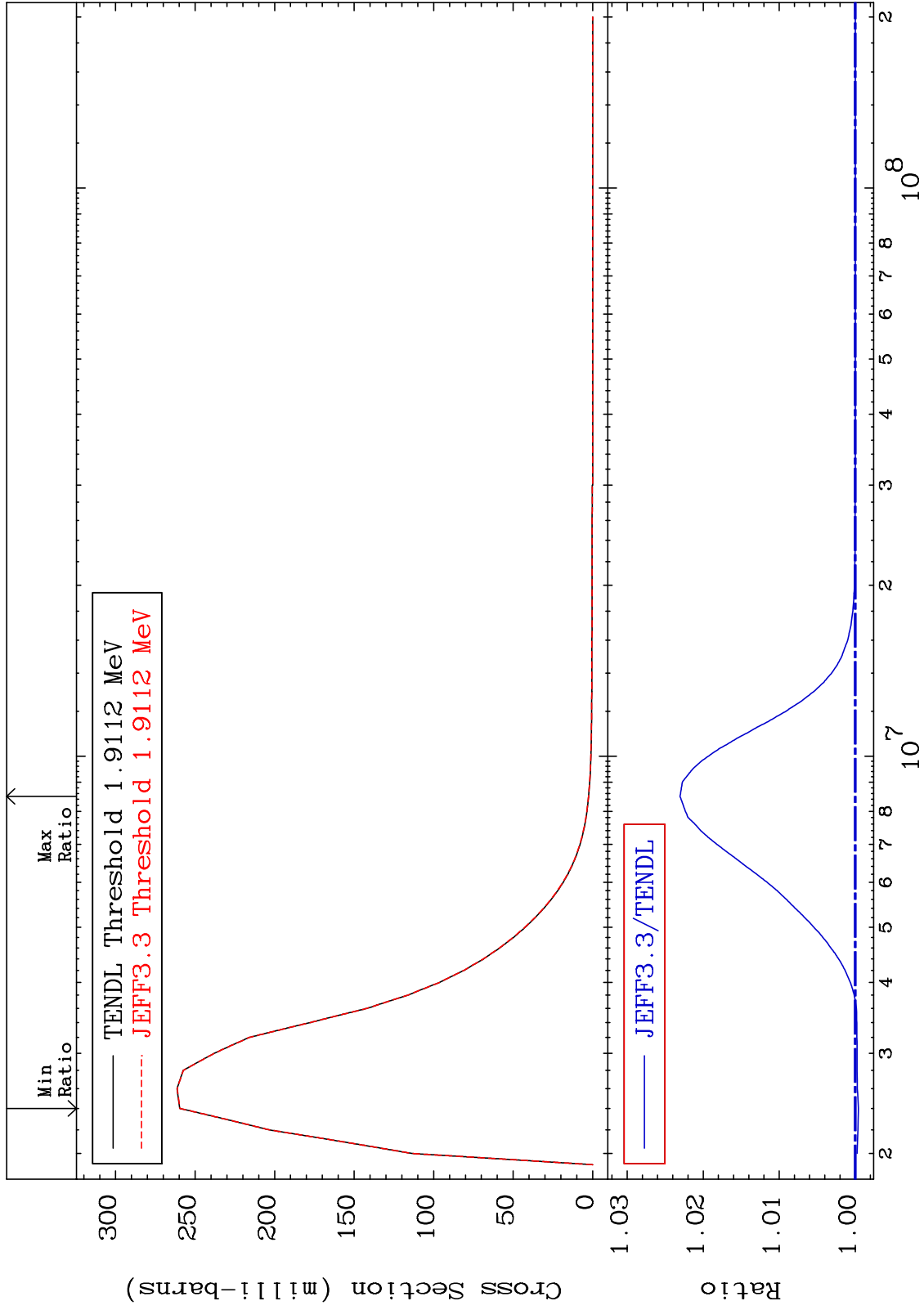
30-Zn-68  
-0.014 To 11.99 %



MAT 3037

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

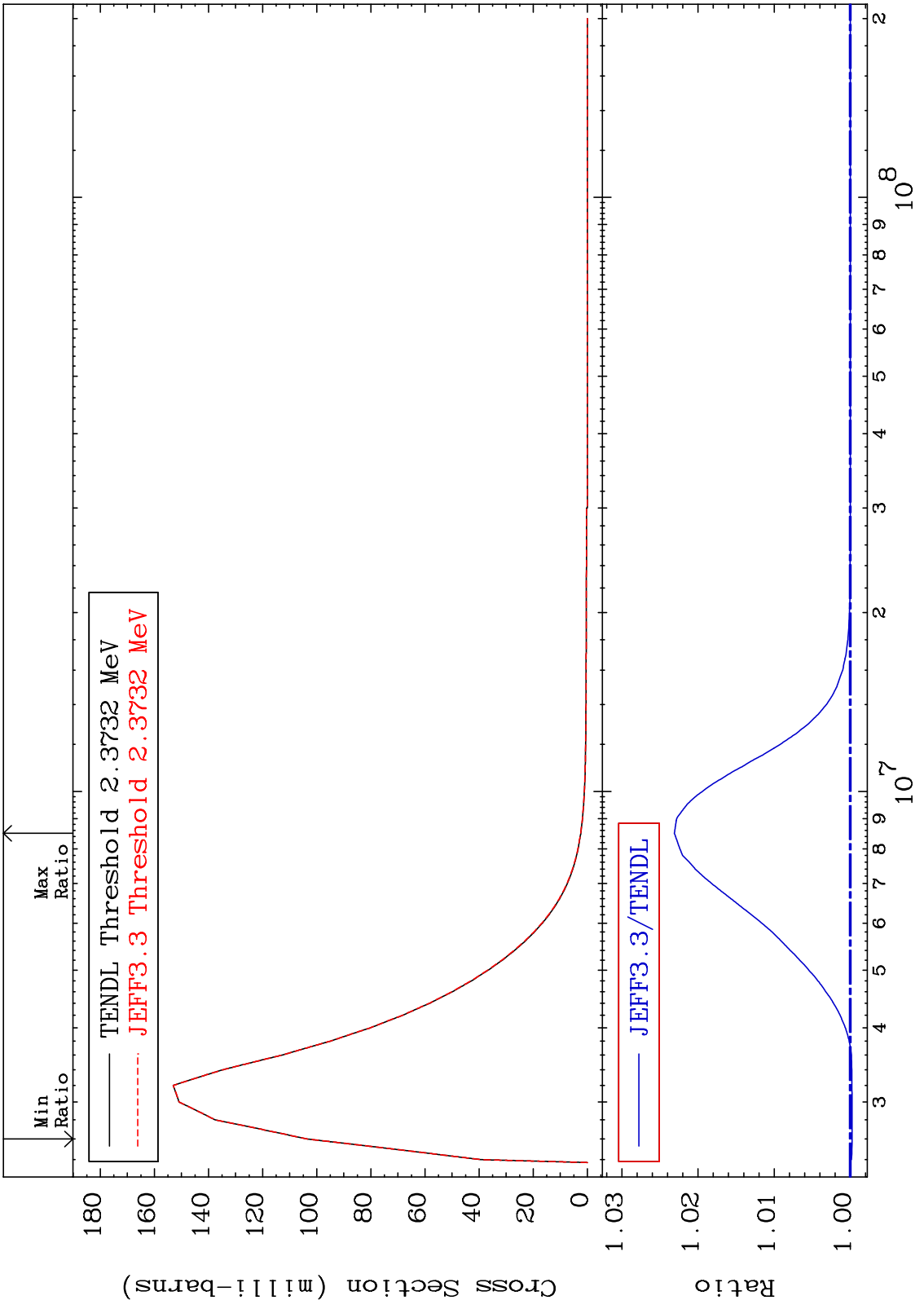
30-Zn-68  
-0.042 To 2.305 %



MAT 3037

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

30-Zn-68  
-0.024 To 2.311 %

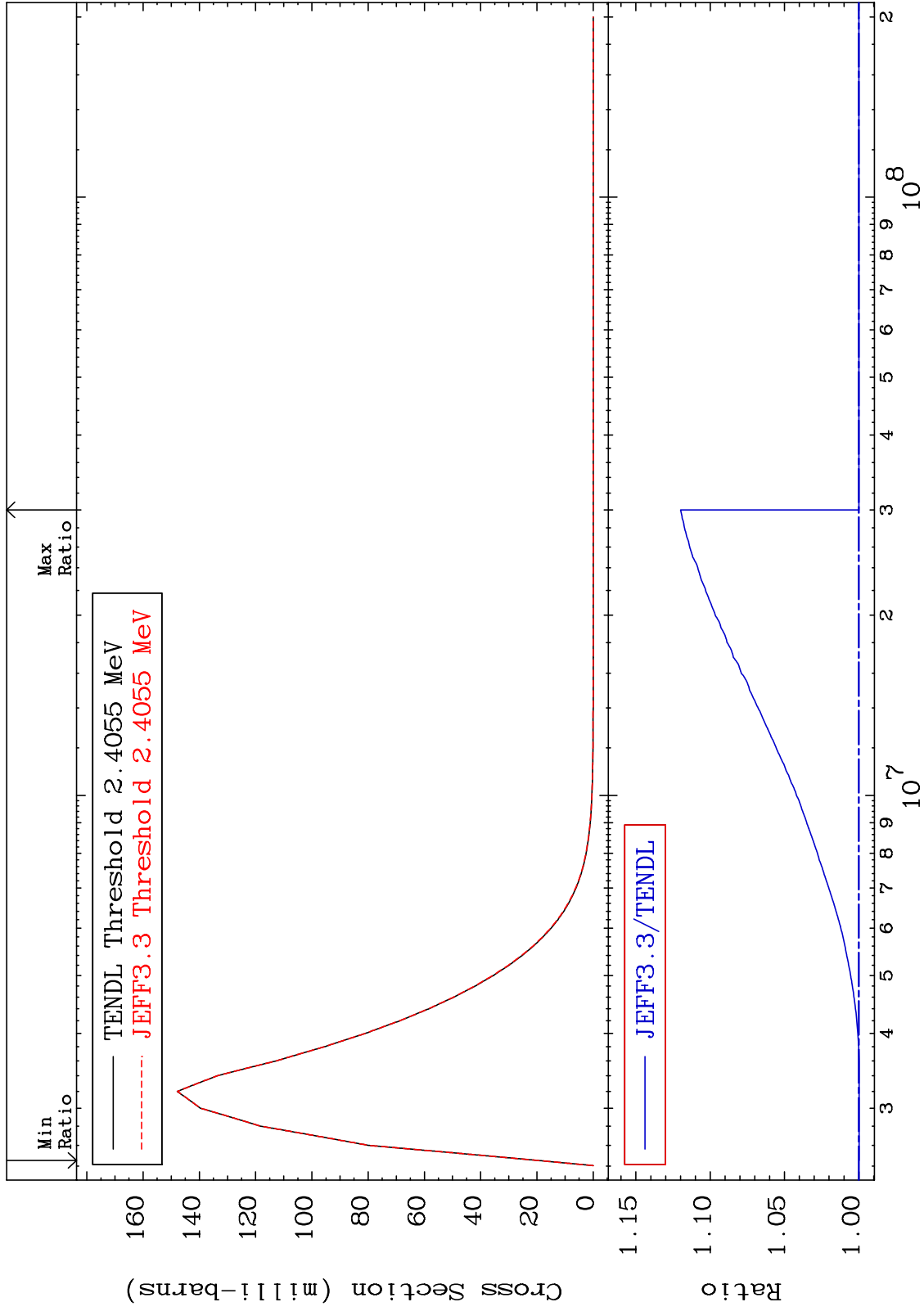




MAT 3037

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

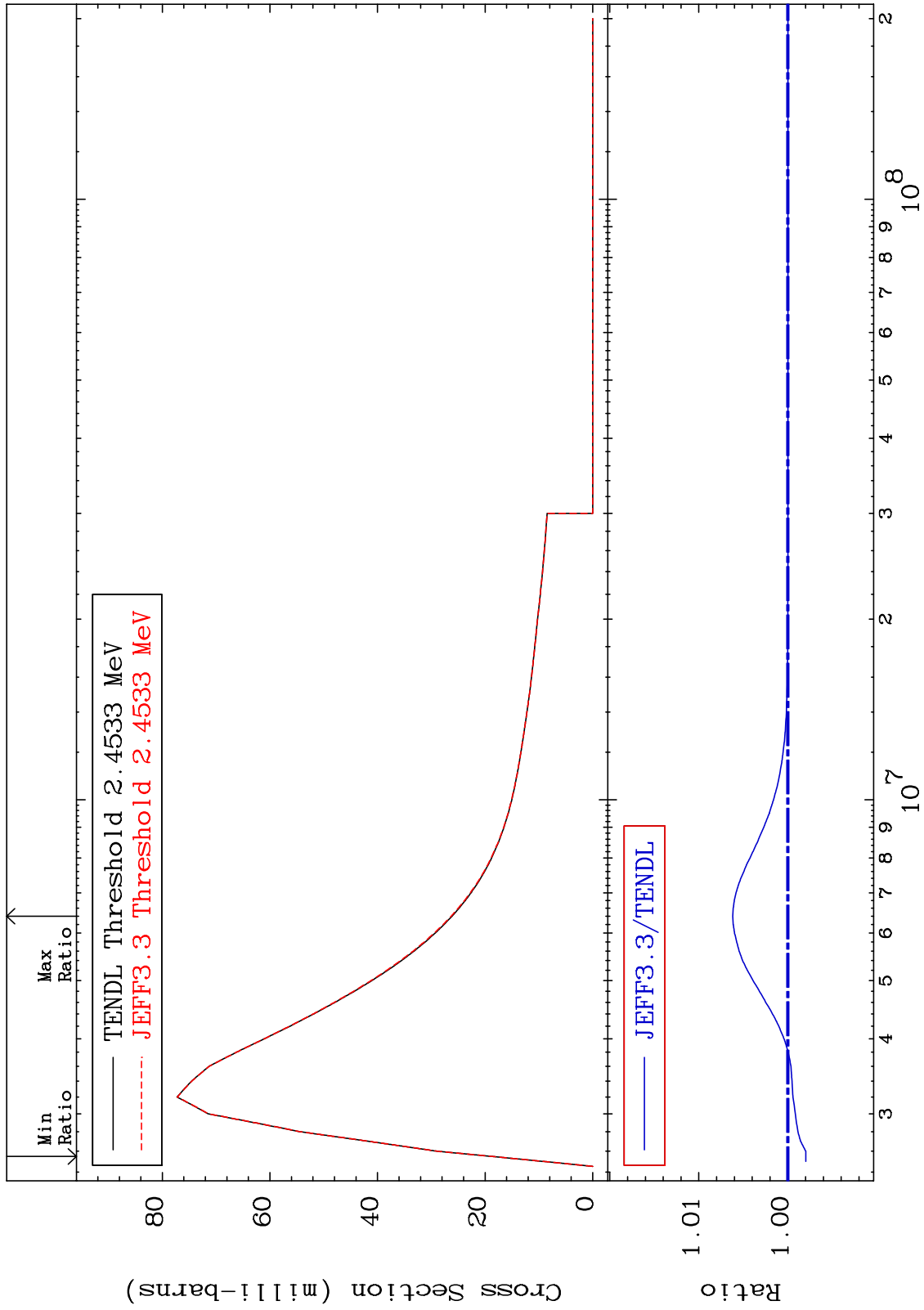
30-Zn-68  
-0.024 To 11.99 %



MAT 3037

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

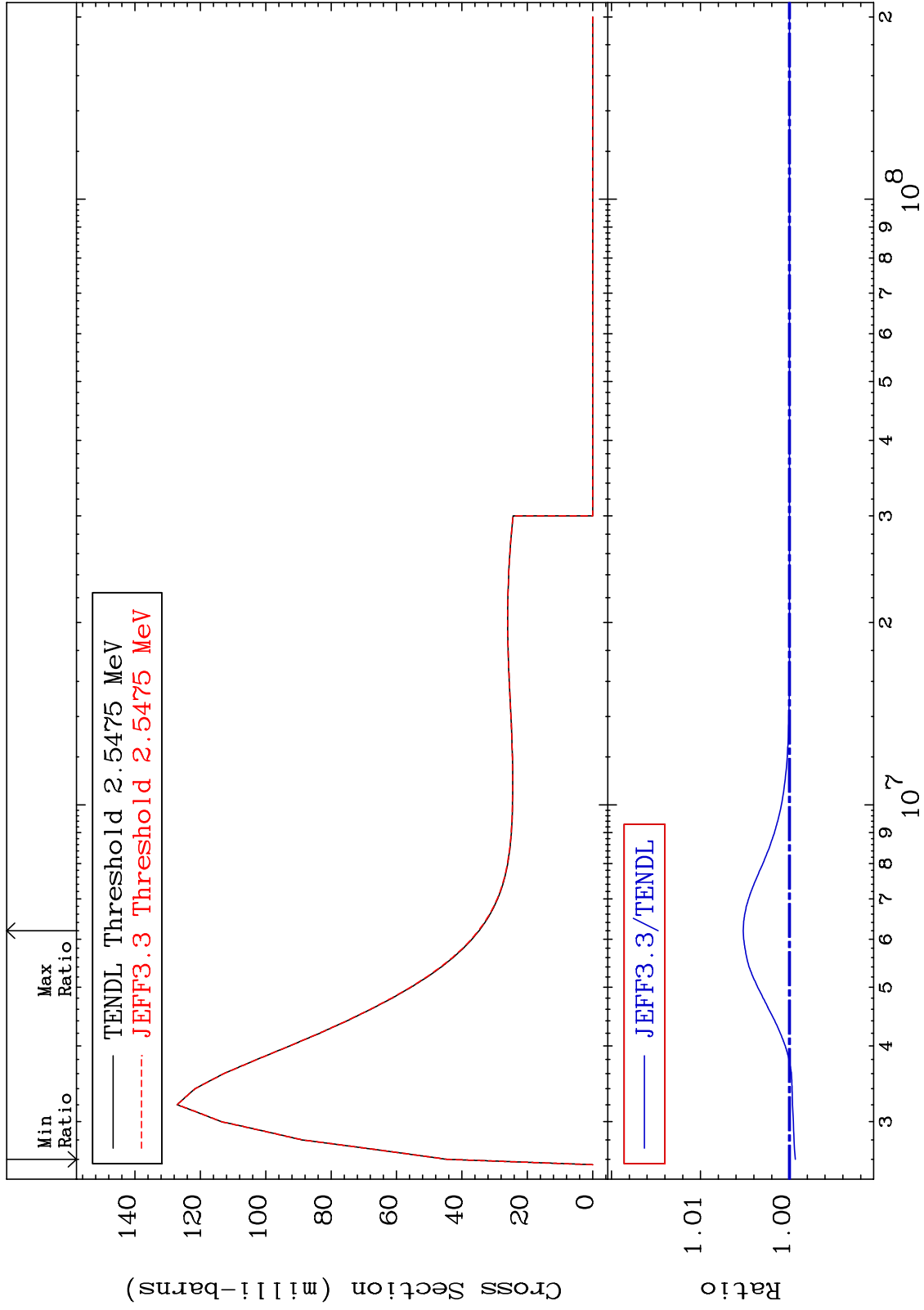
30-Zn-68  
-0.201 To 0.619 %



MAT 3037

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

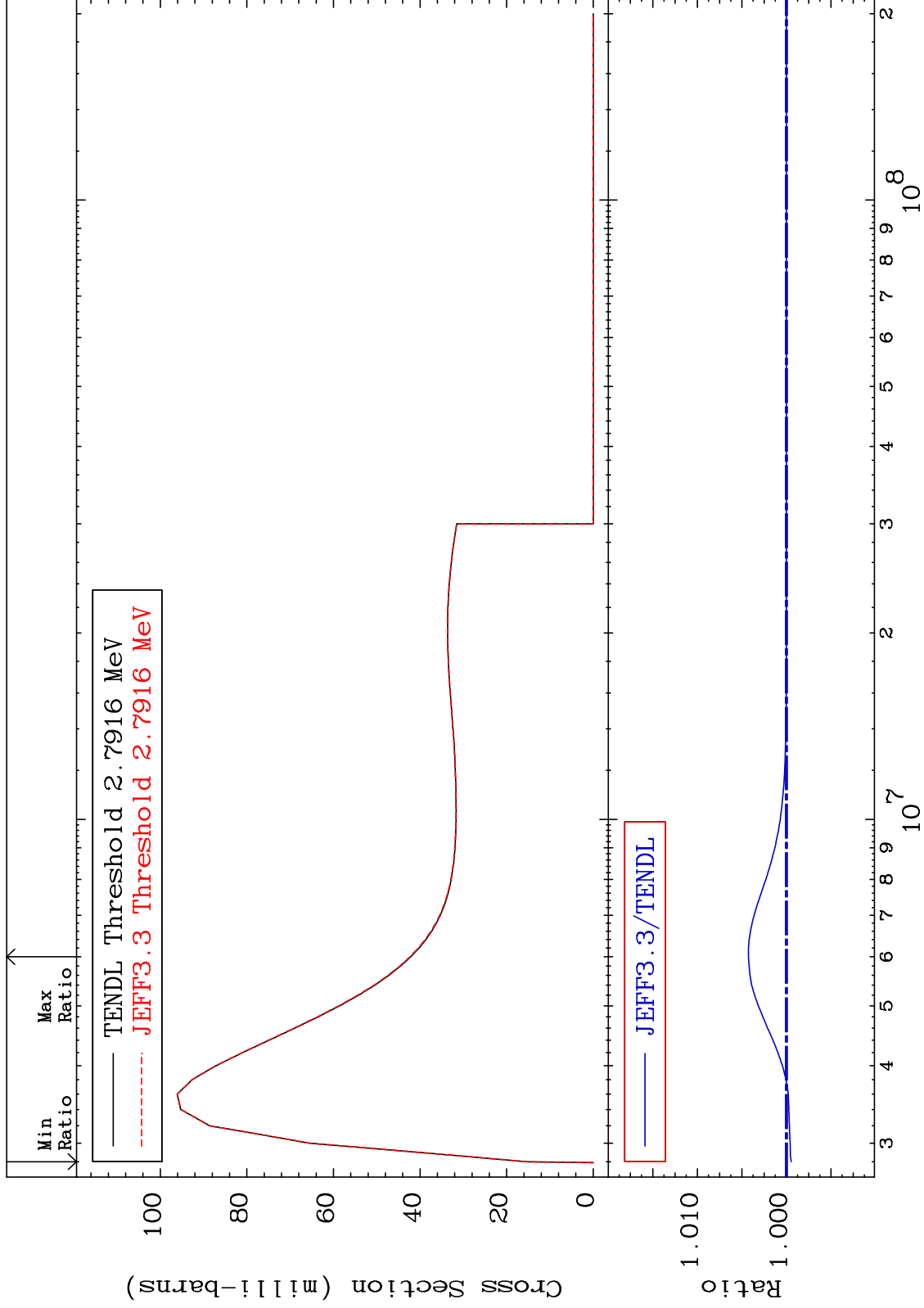
30-Zn-68  
-0.064 To 0.520 %



MAT 3037

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

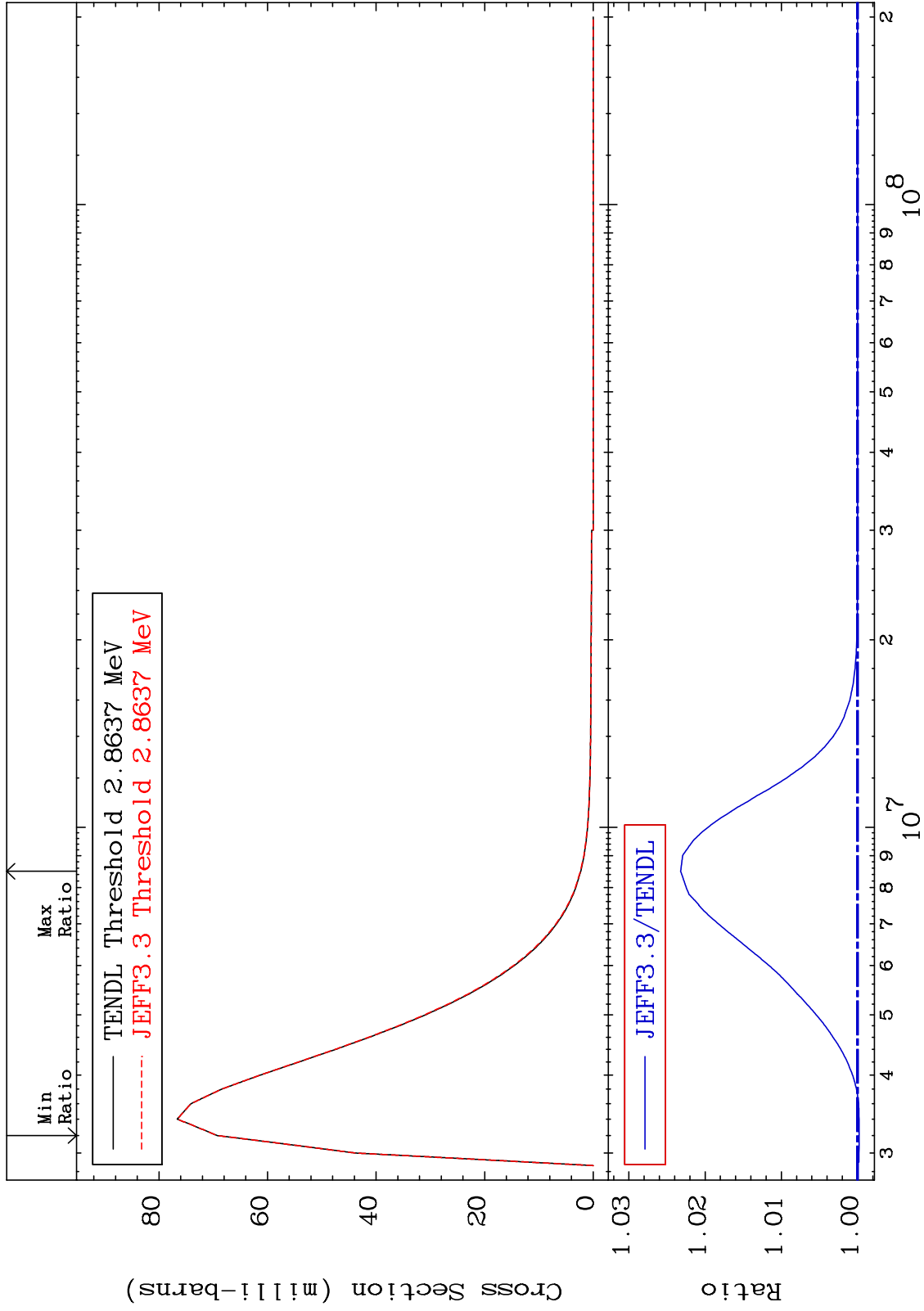
30-Zn-68  
-0.055 To 0.425 %



MAT 3037

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

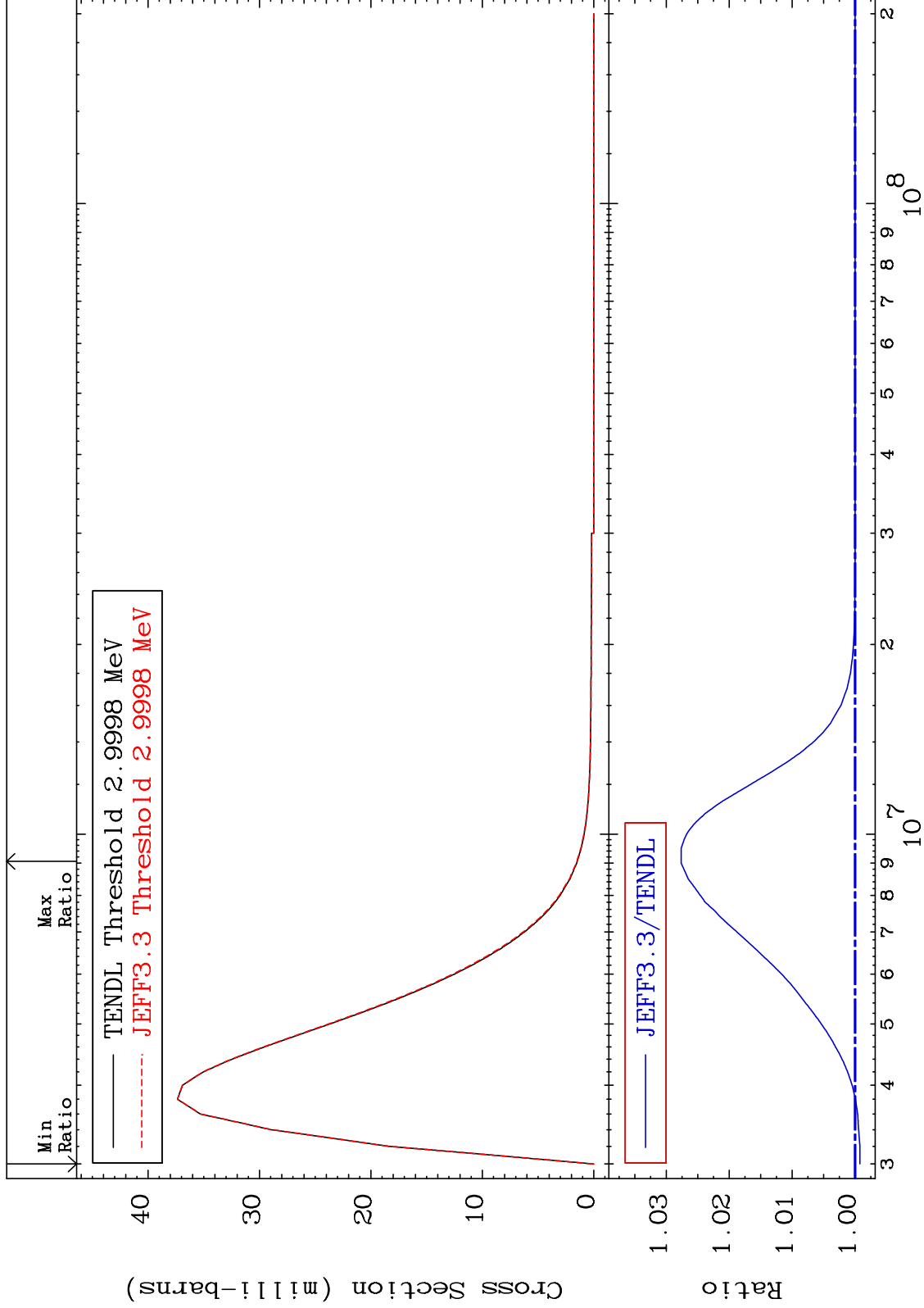
30-Zn-68  
-0.021 To 2.322 %



MAT 3037

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

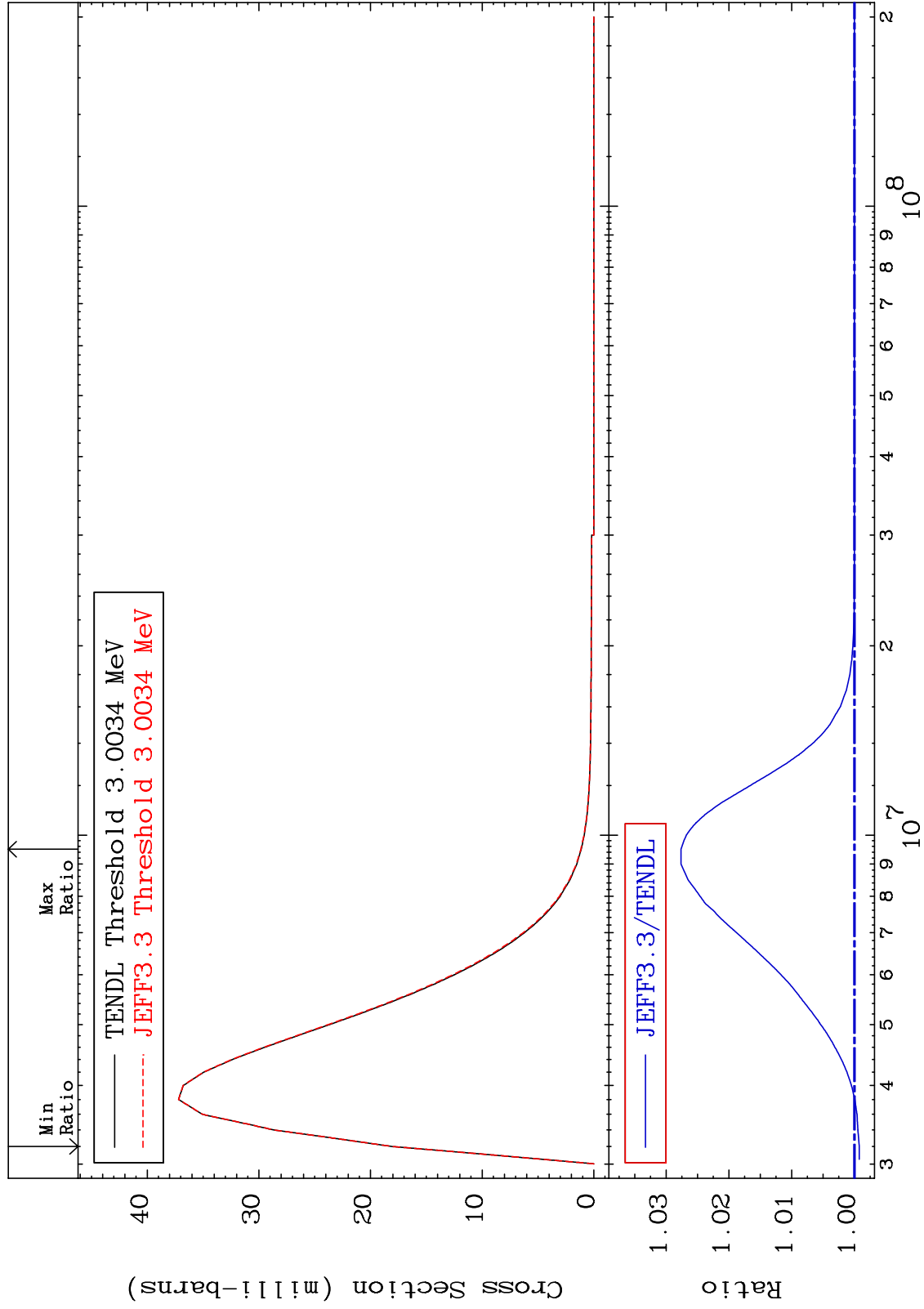
30-Zn-68  
-0.077 To 2.762 %



MAT 3037

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

30-Zn-68  
-0.077 To 2.762 %



30

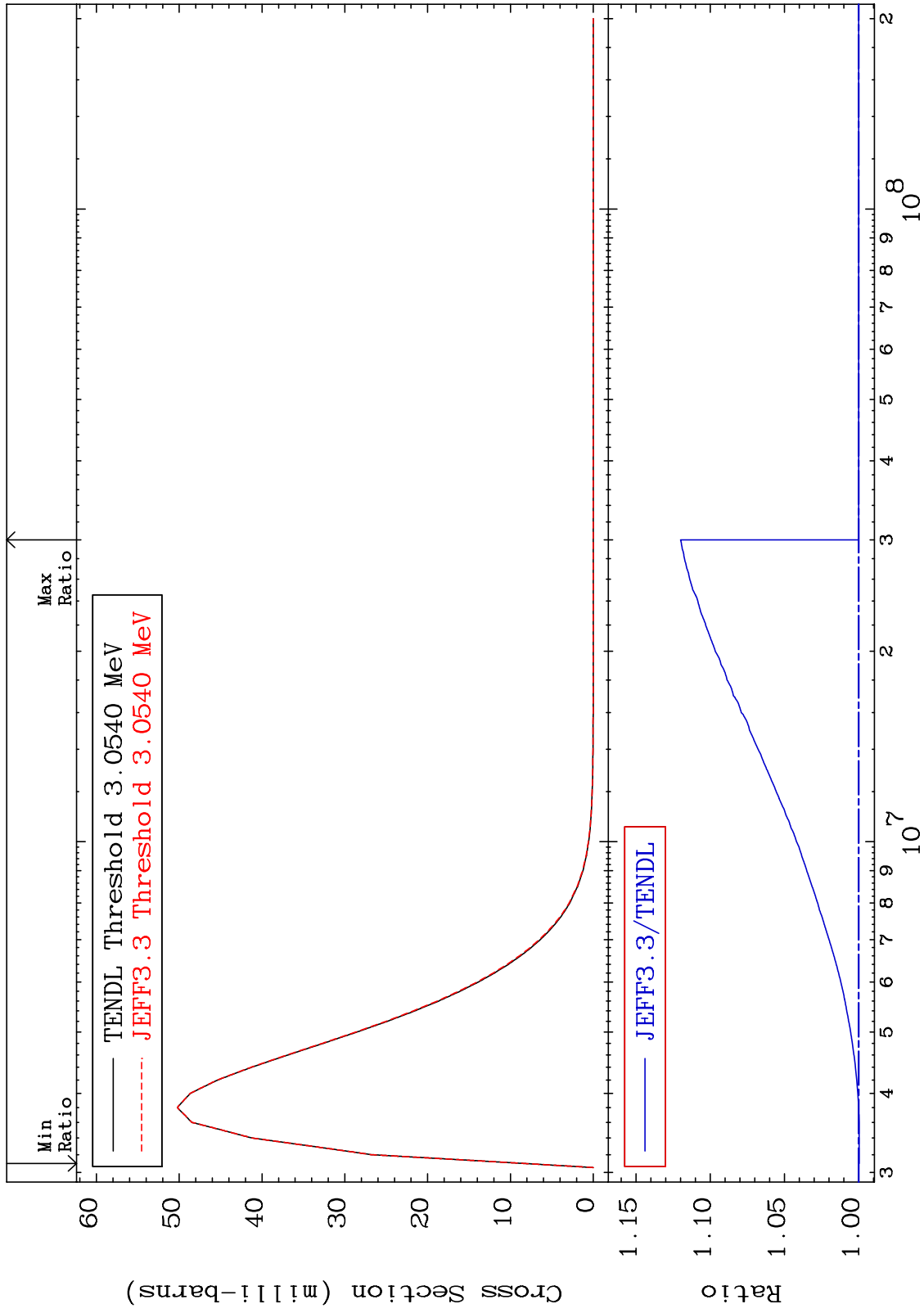
Incident Energy (eV)

30-Zn-68

MAT 3037

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

30-Zn-68  
-0.031 To 11.99 %

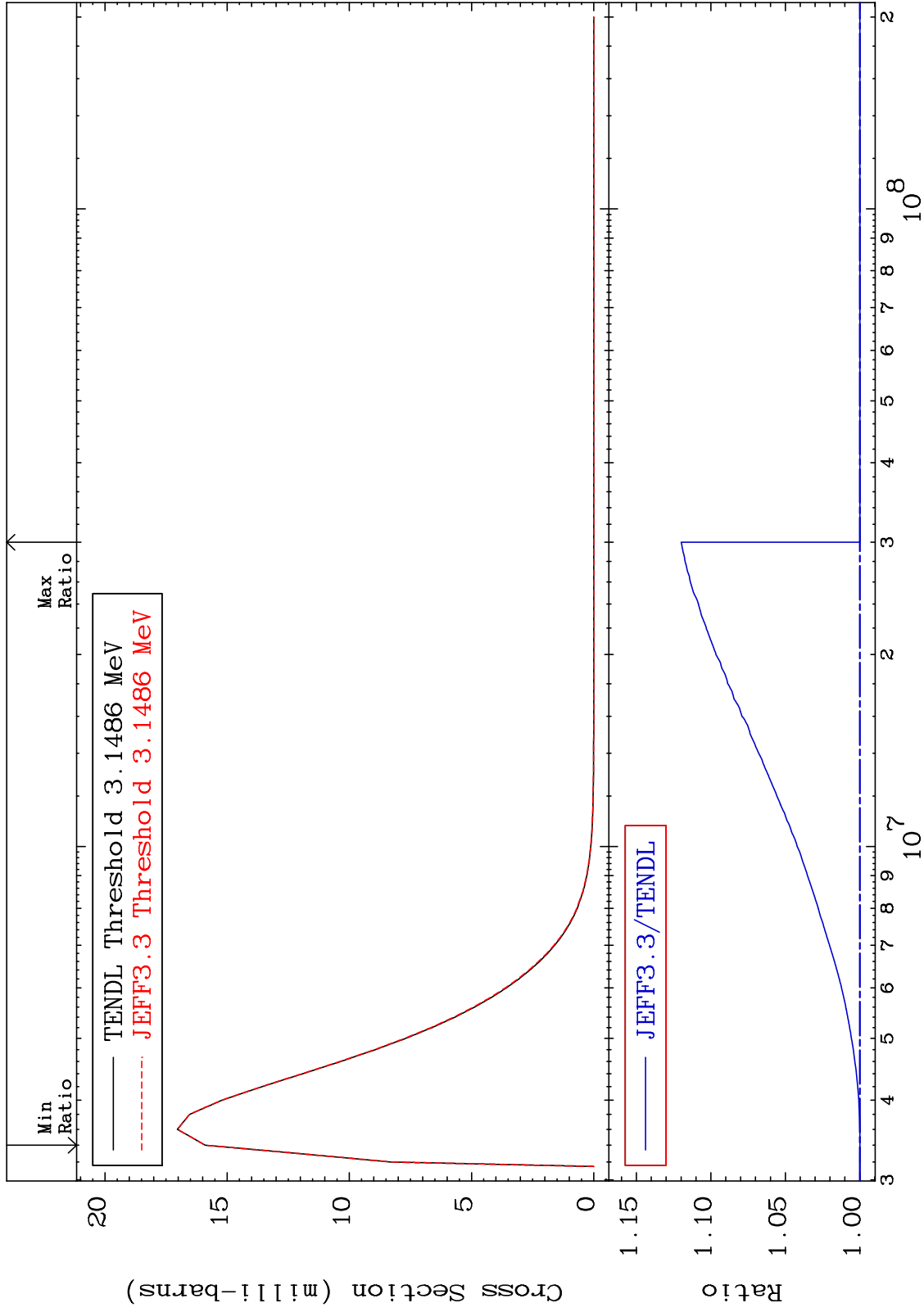




MAT 3037

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

30-Zn-68  
-0.009 To 11.99 %



32

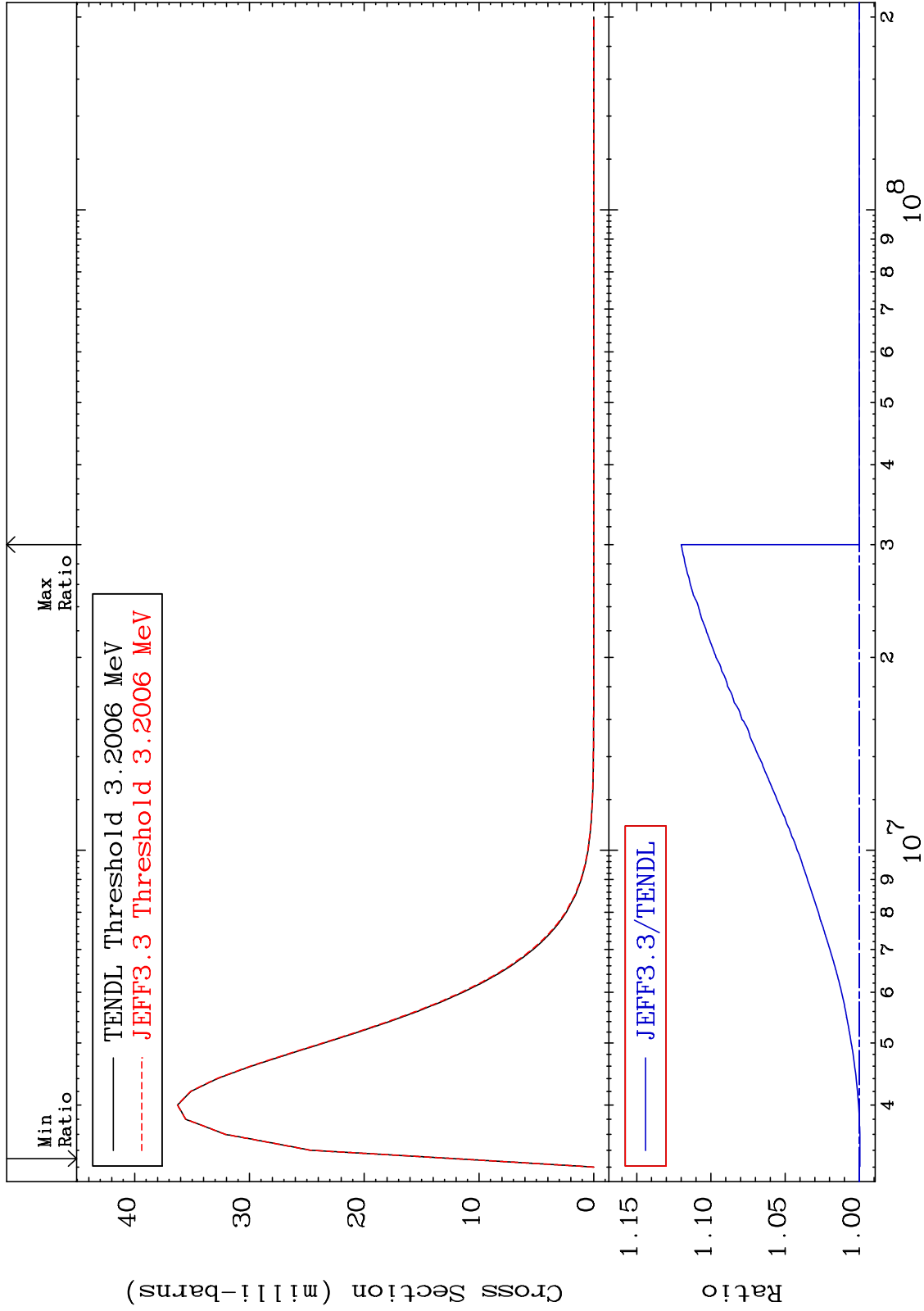
Incident Energy (eV)

30-Zn-68

MAT 3037

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

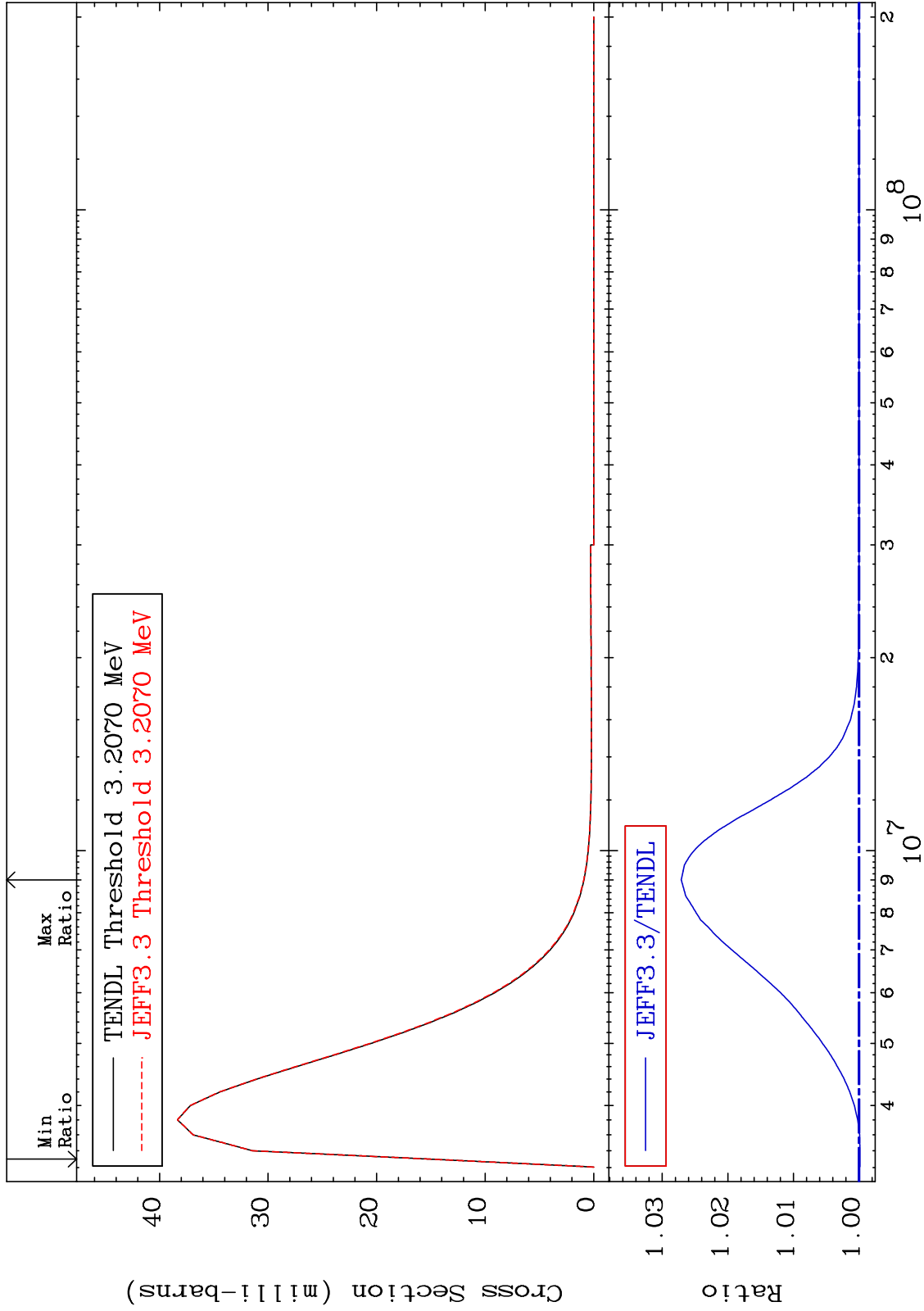
30-Zn-68  
-0.043 To 12.00 %



MAT 3037

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

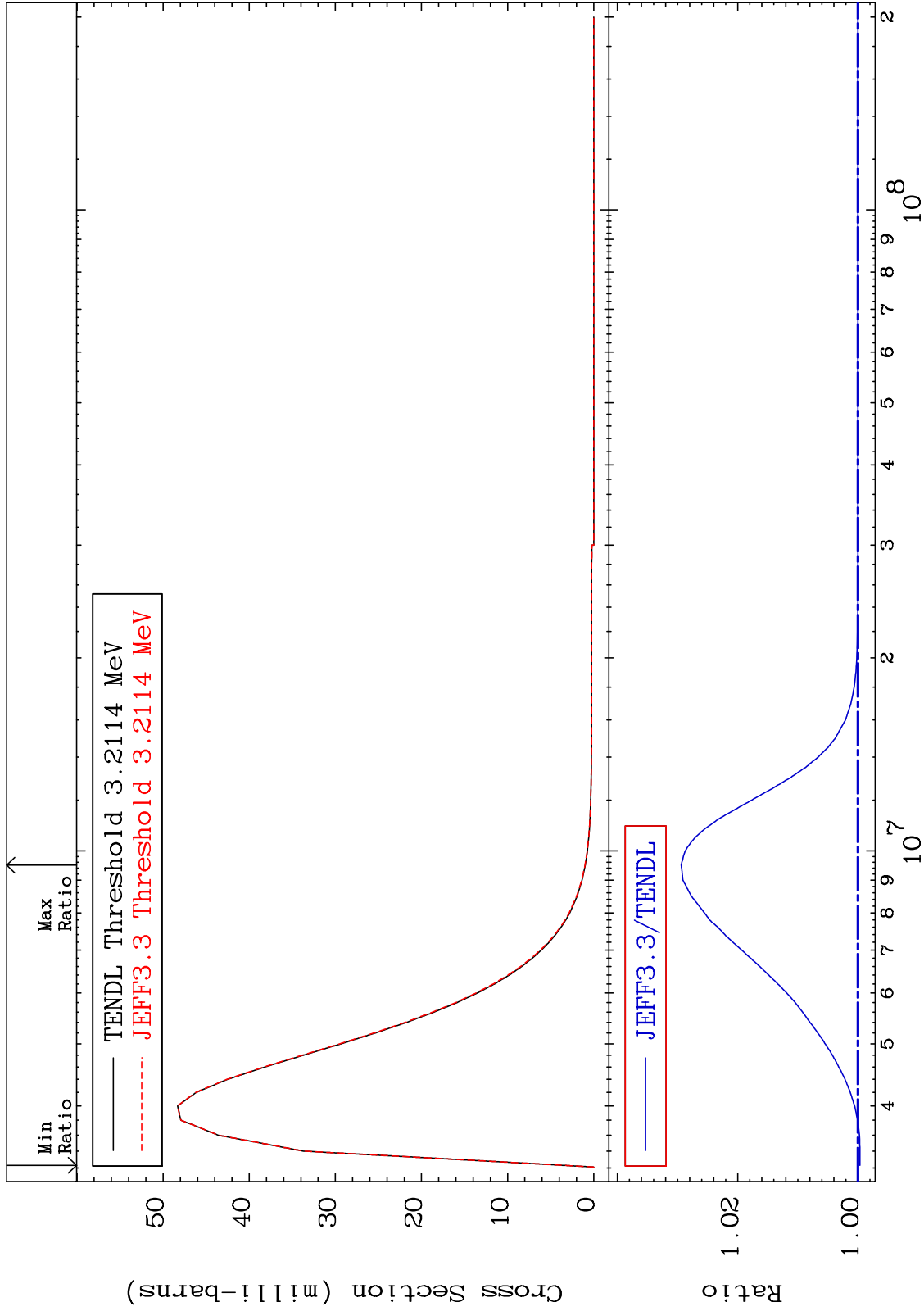
30-Zn-68  
-0.015 To 2.711 %



MAT 3037

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

30-Zn-68  
-0.033 To 2.939 %



35

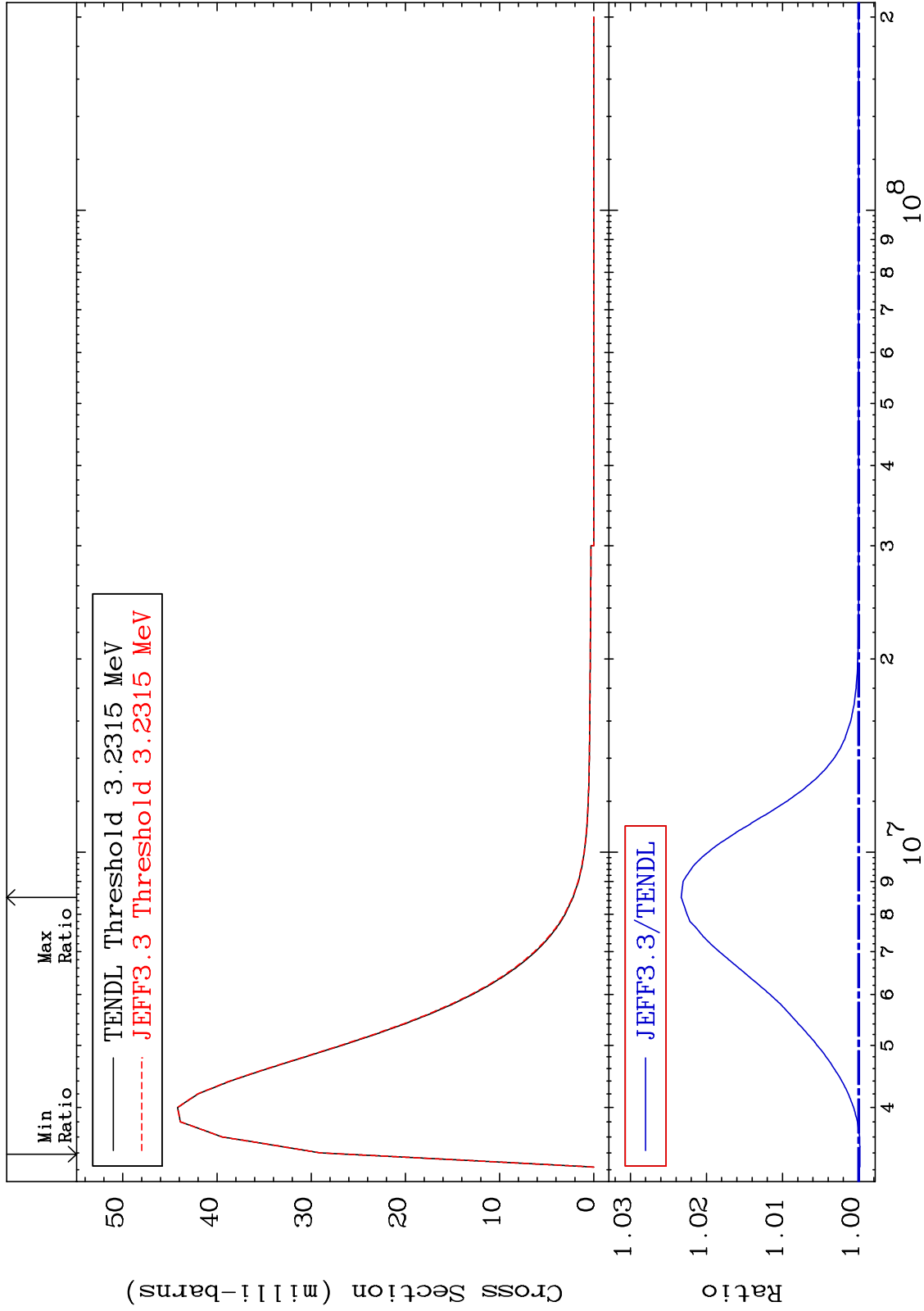
Incident Energy (eV)

30-Zn-68

MAT 3037

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

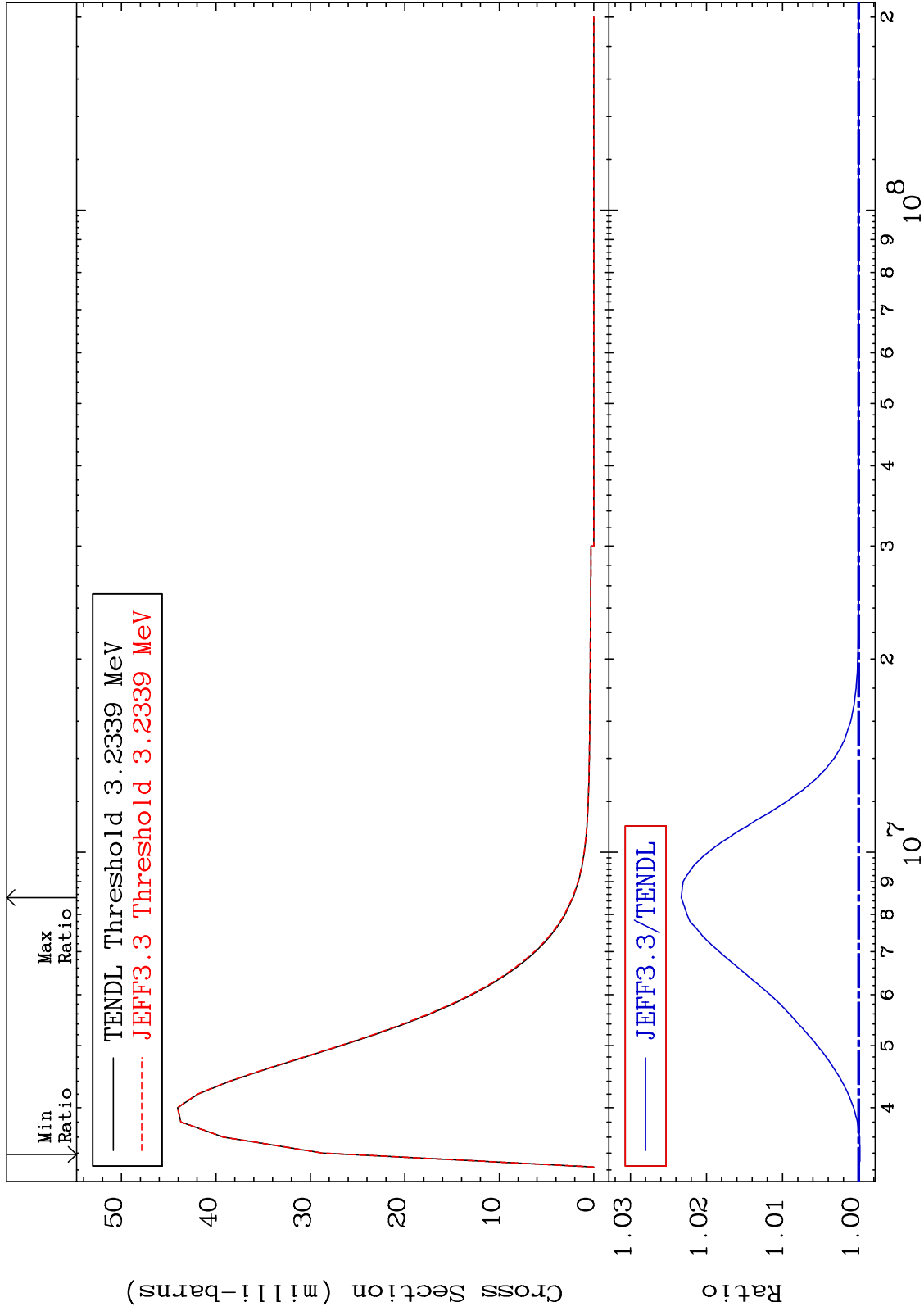
30-Zn-68  
-0.018 To 2.332 %



MAT 3037

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

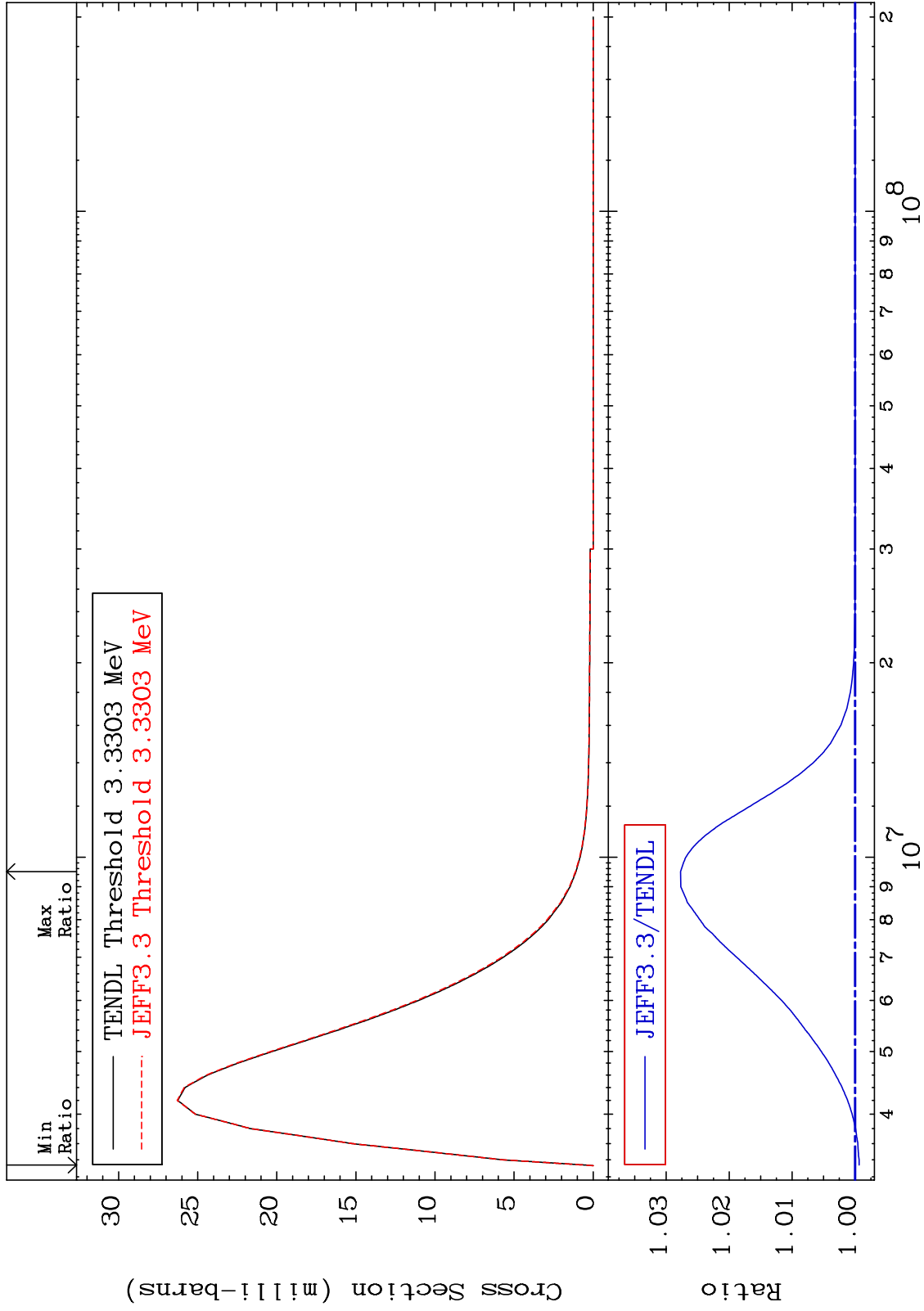
30-Zn-68  
-0.017 To 2.332 %



MAT 3037

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

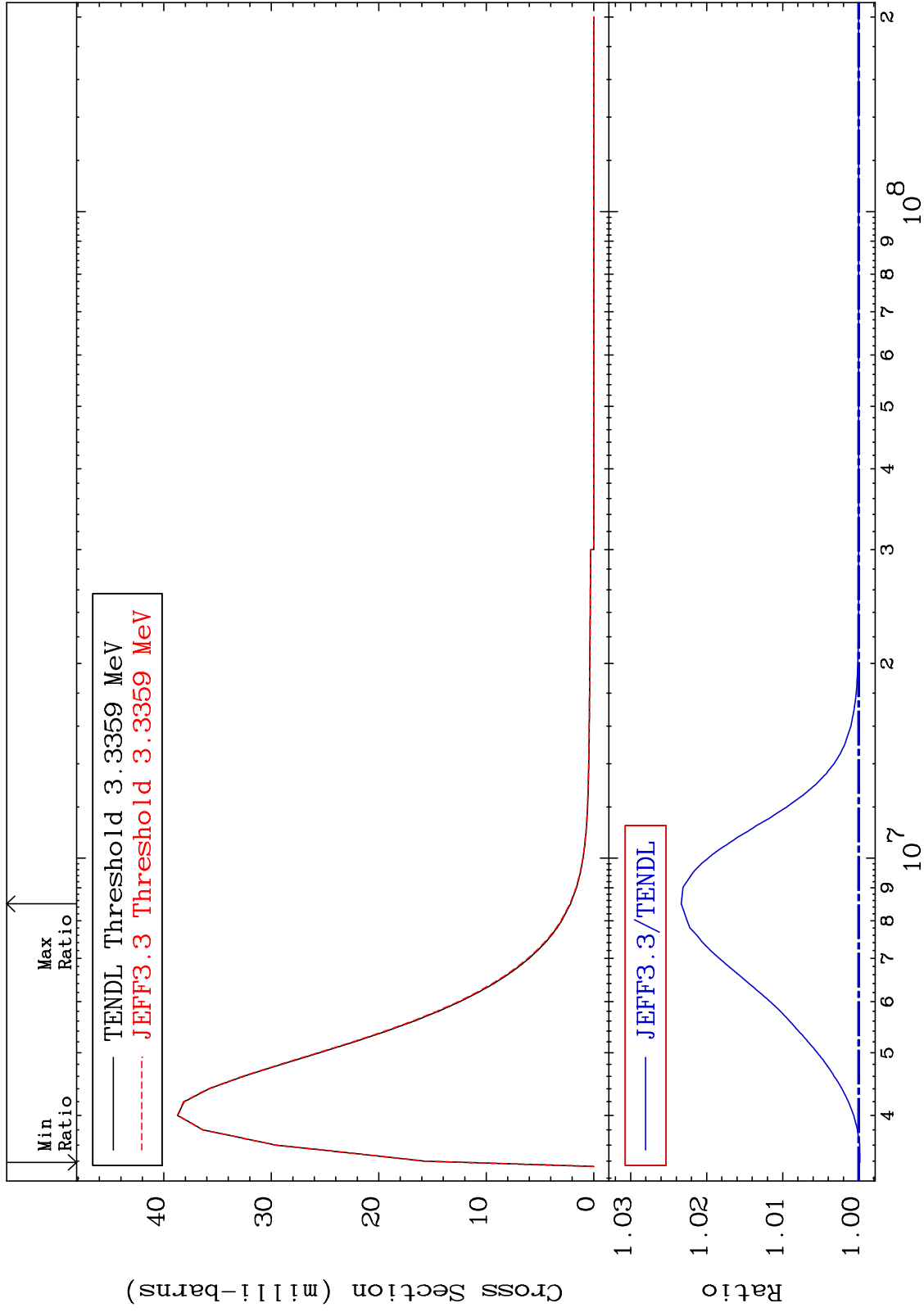
30-Zn-68  
-0.065 To 2.771 %



MAT 3037

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

30-Zn-68  
-0.016 To 2.335 %

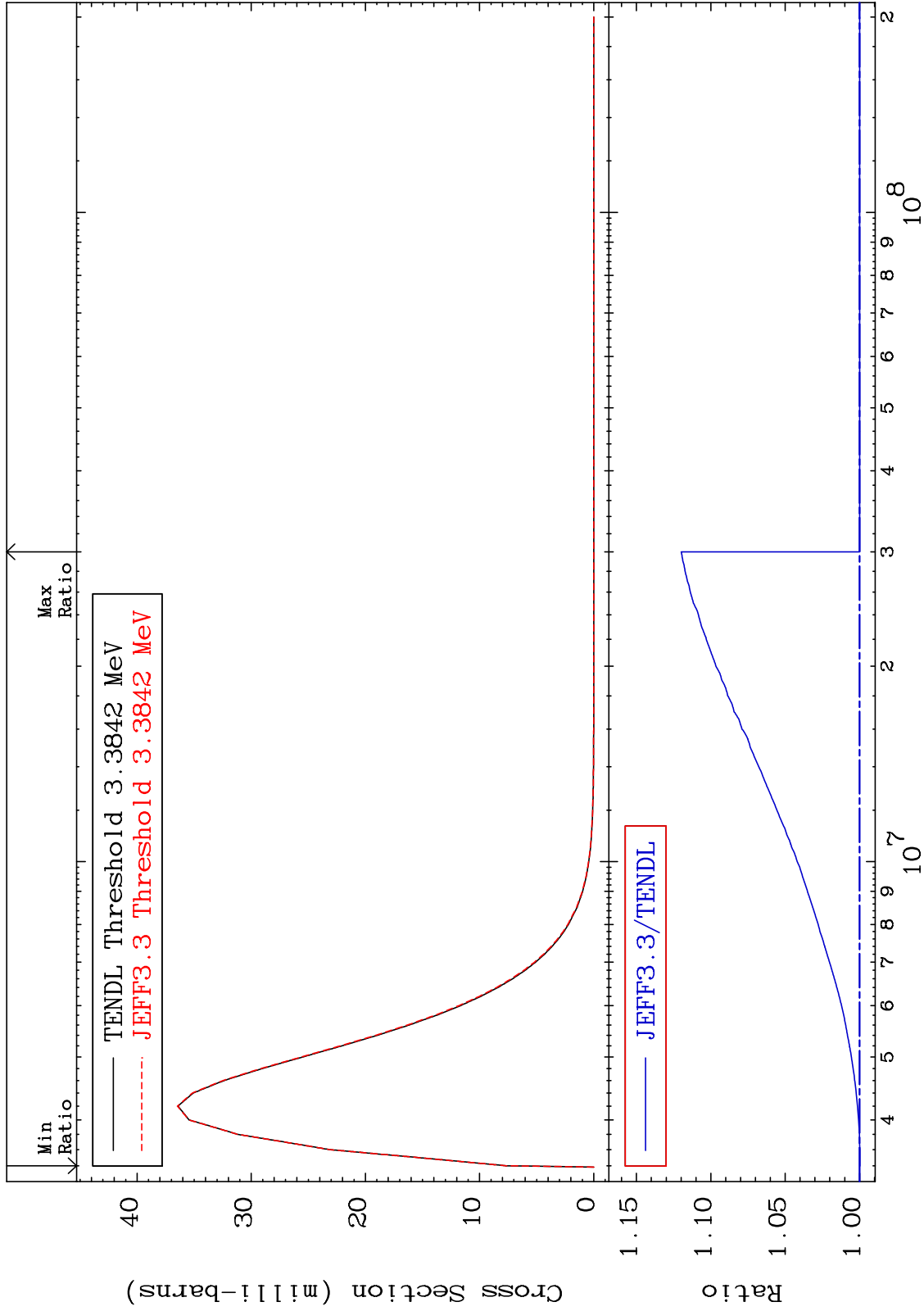




MAT 3037

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

30-Zn-68  
-0.023 To 11.99 %



40

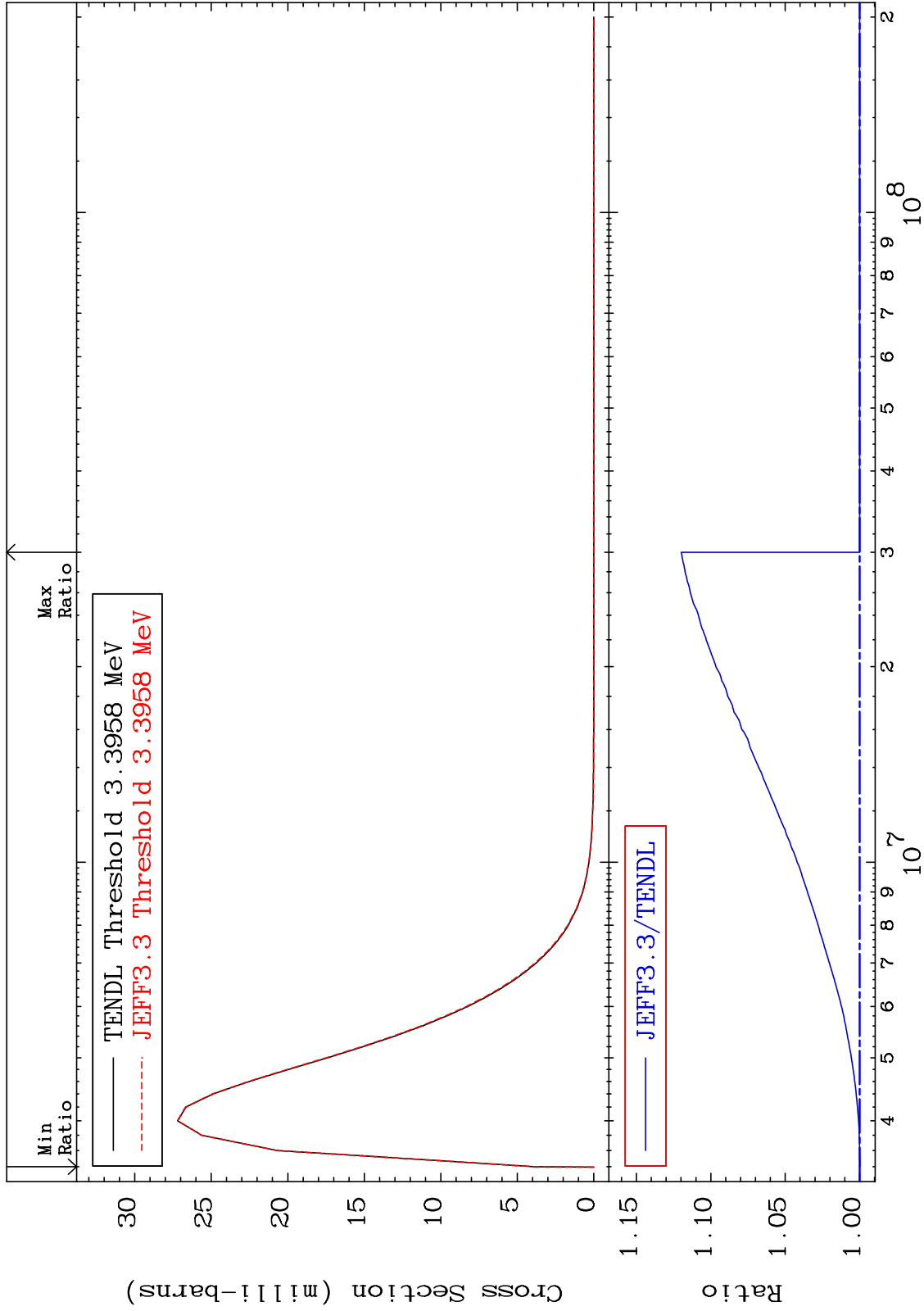
Incident Energy (eV)

30-Zn-68

MAT 3037

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

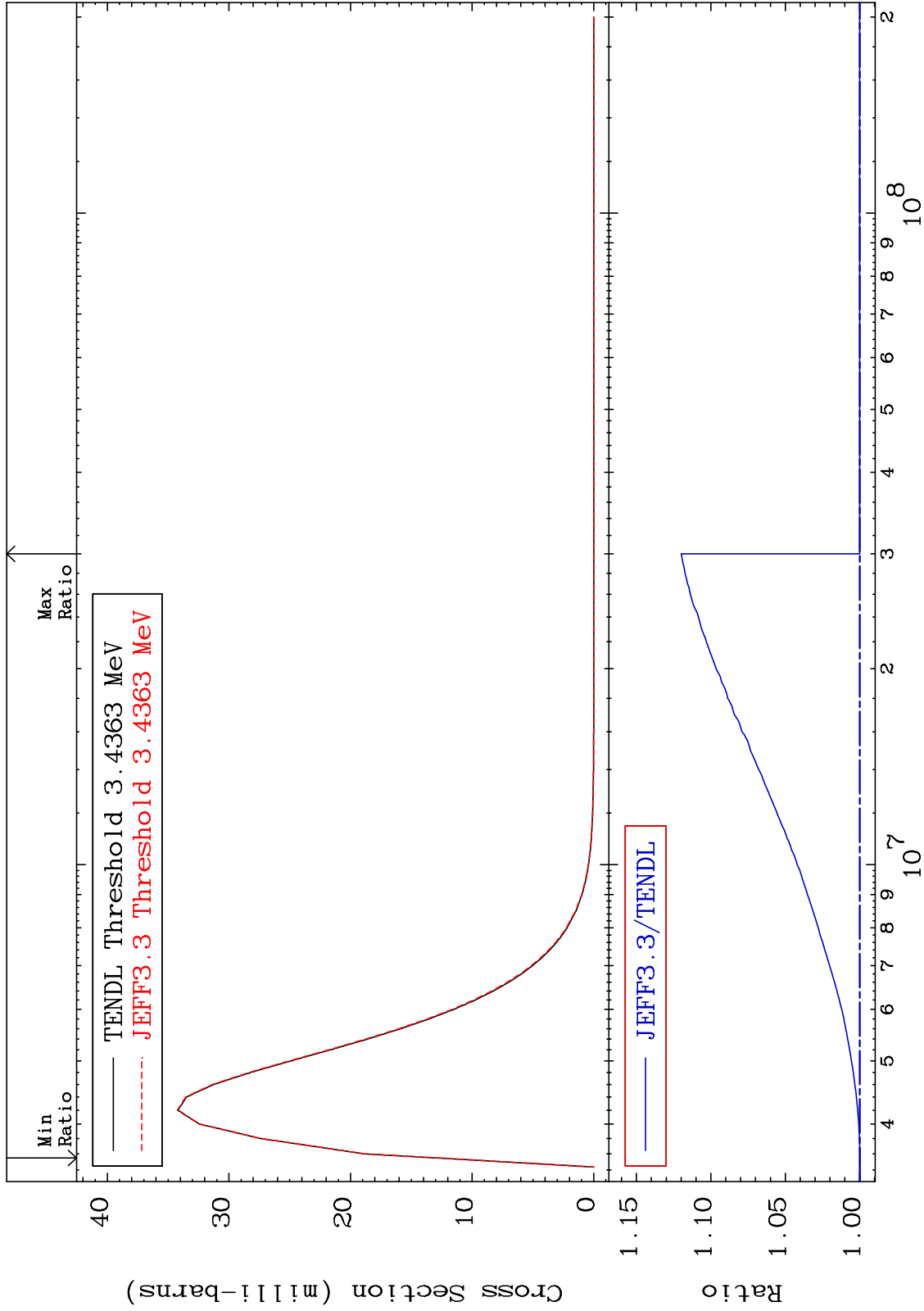
30-Zn-68  
-0.019 To 11.99 %



MAT 3037

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

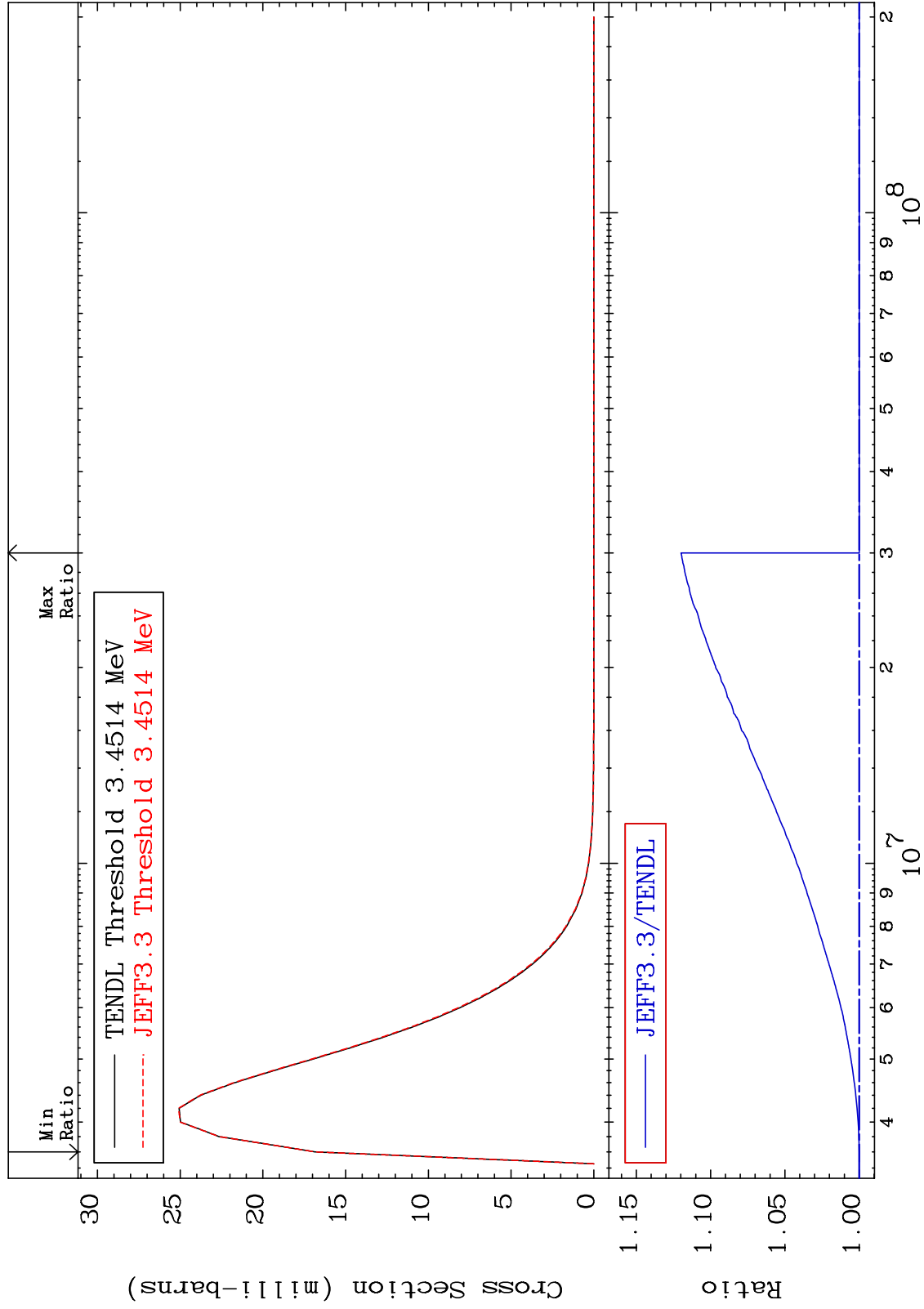
30-Zn-68  
-0.013 To 11.99 %



MAT 3037

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

30-Zn-68  
-0.006 To 11.99 %



43

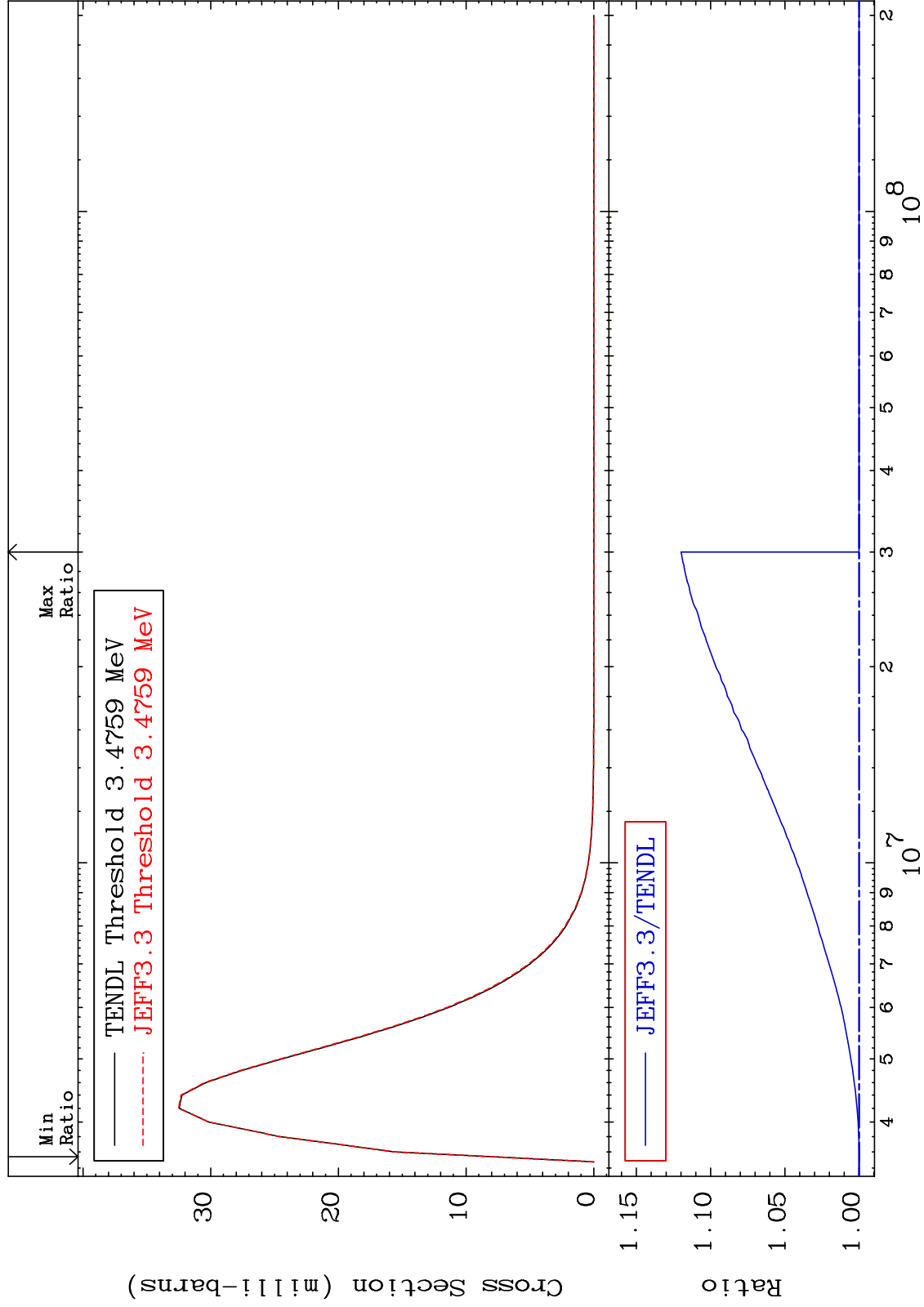
Incident Energy (eV)

30-Zn-68

MAT 3037

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

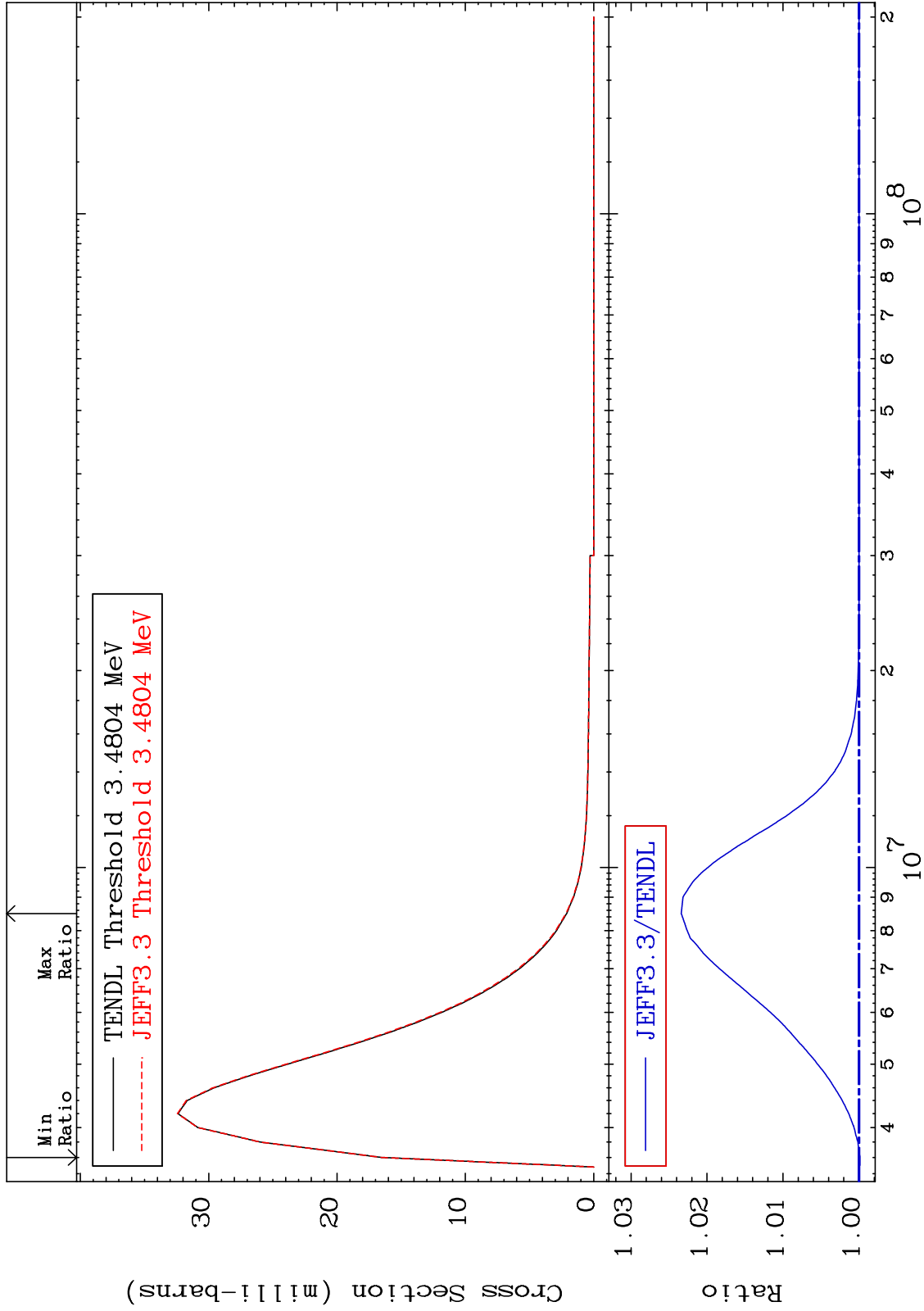
30-Zn-68  
-0.013 To 11.99 %



MAT 3037

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

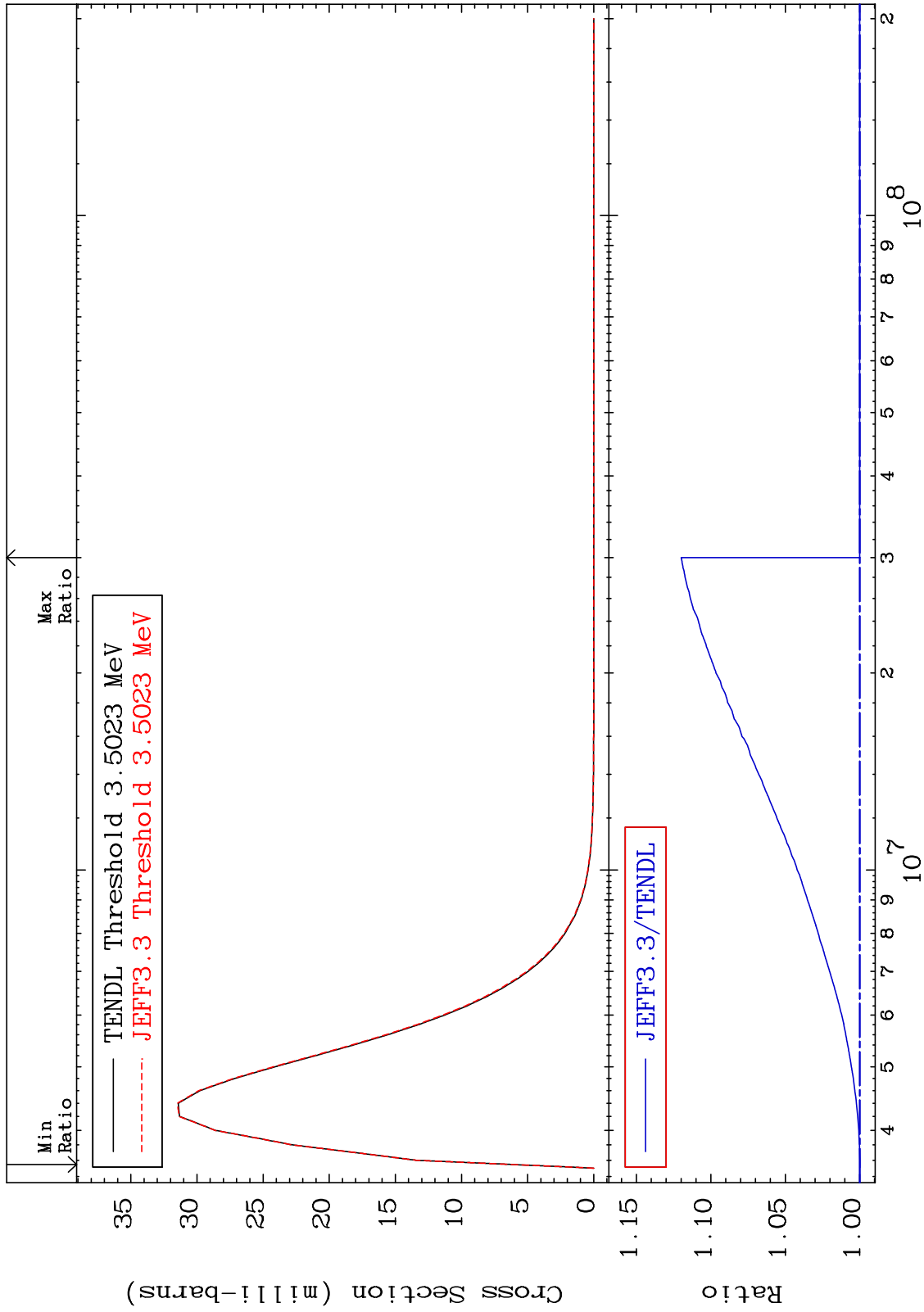
30-Zn-68  
-0.012 To 2.340 %



MAT 3037

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

30-Zn-68  
-0.013 To 11.99 %



46

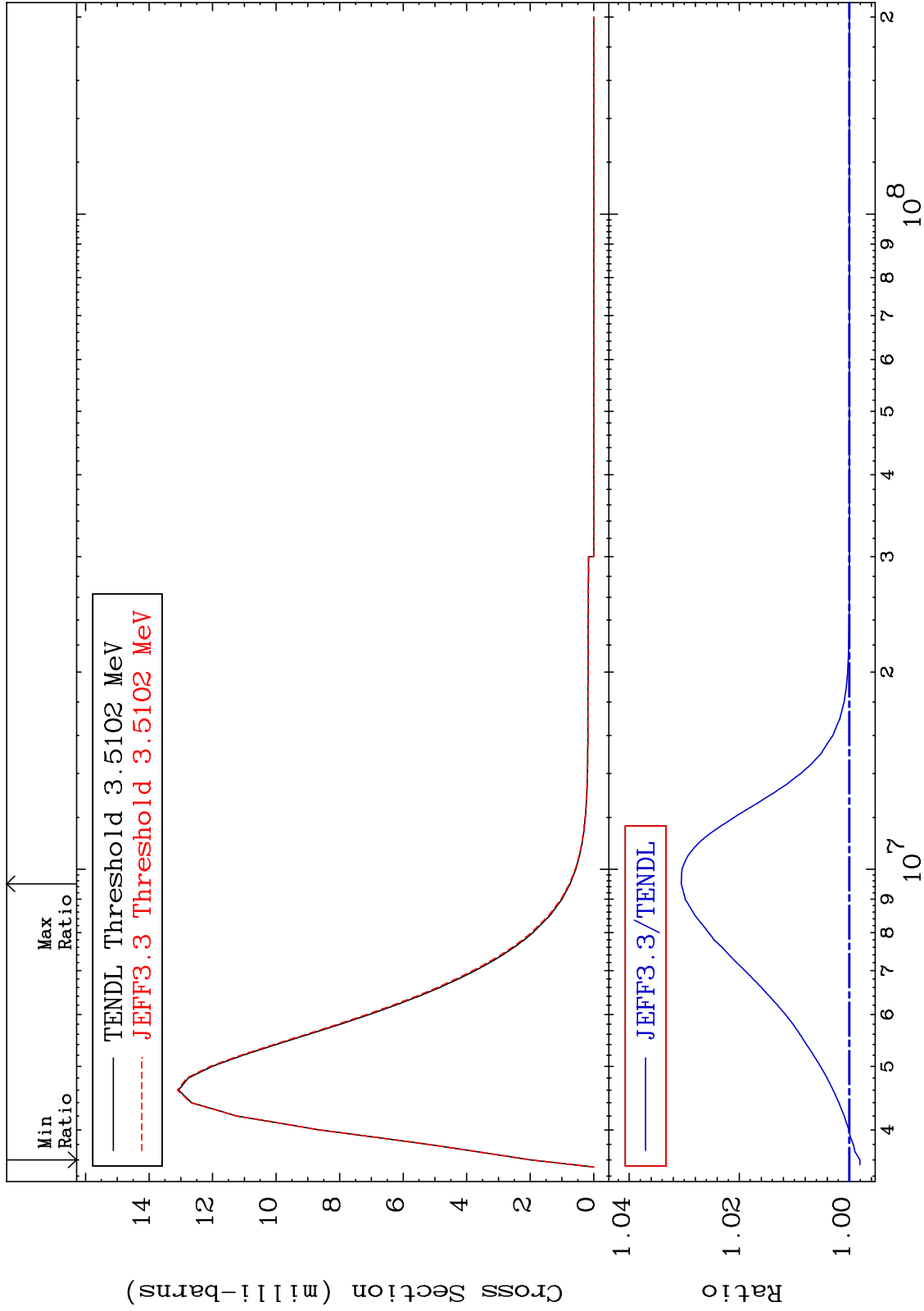
Incident Energy (eV)

30-Zn-68

MAT 3037

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

30-Zn-68  
-0.192 To 3.055 %



47

Incident Energy (eV)

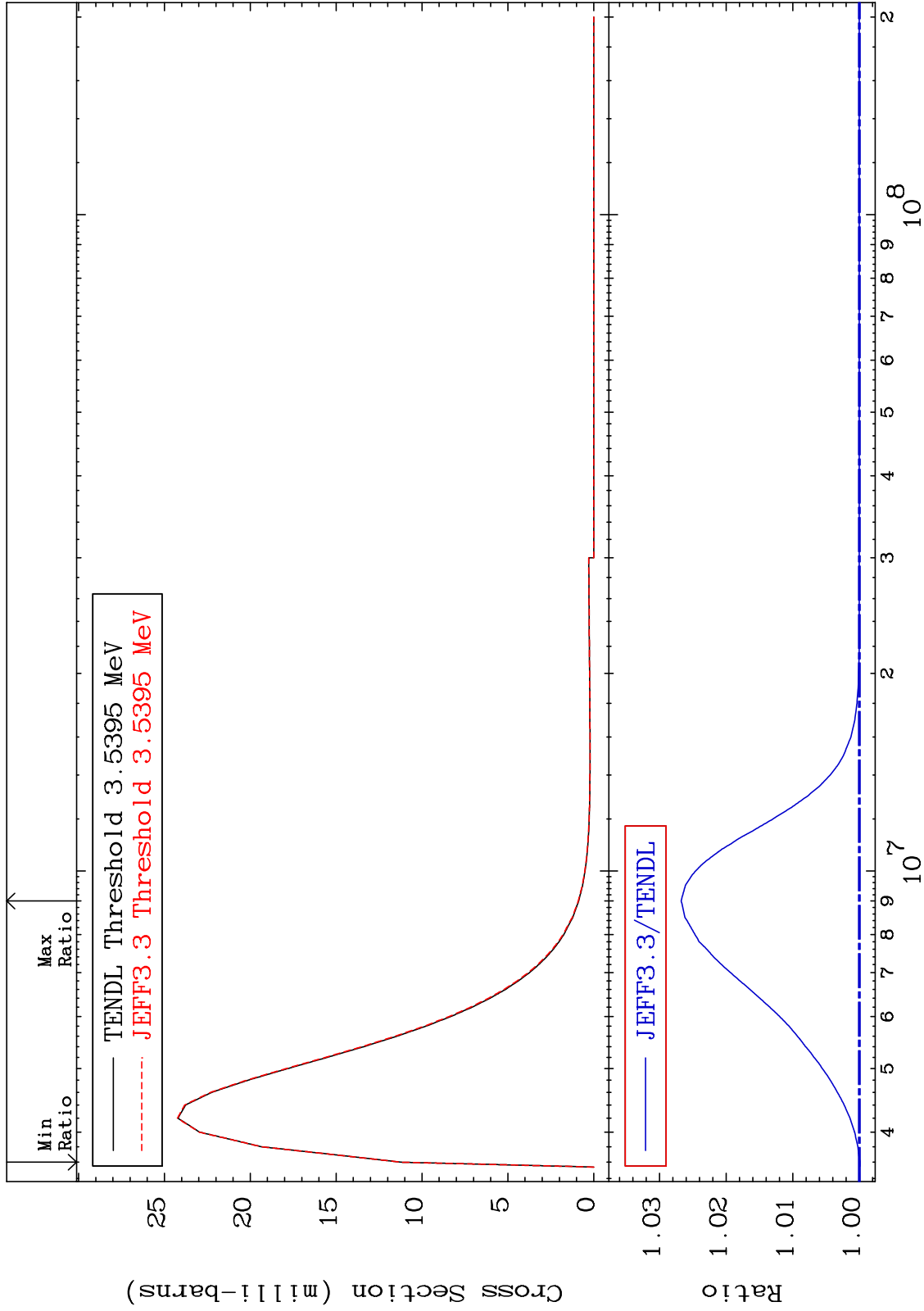
30-Zn-68



MAT 3037

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

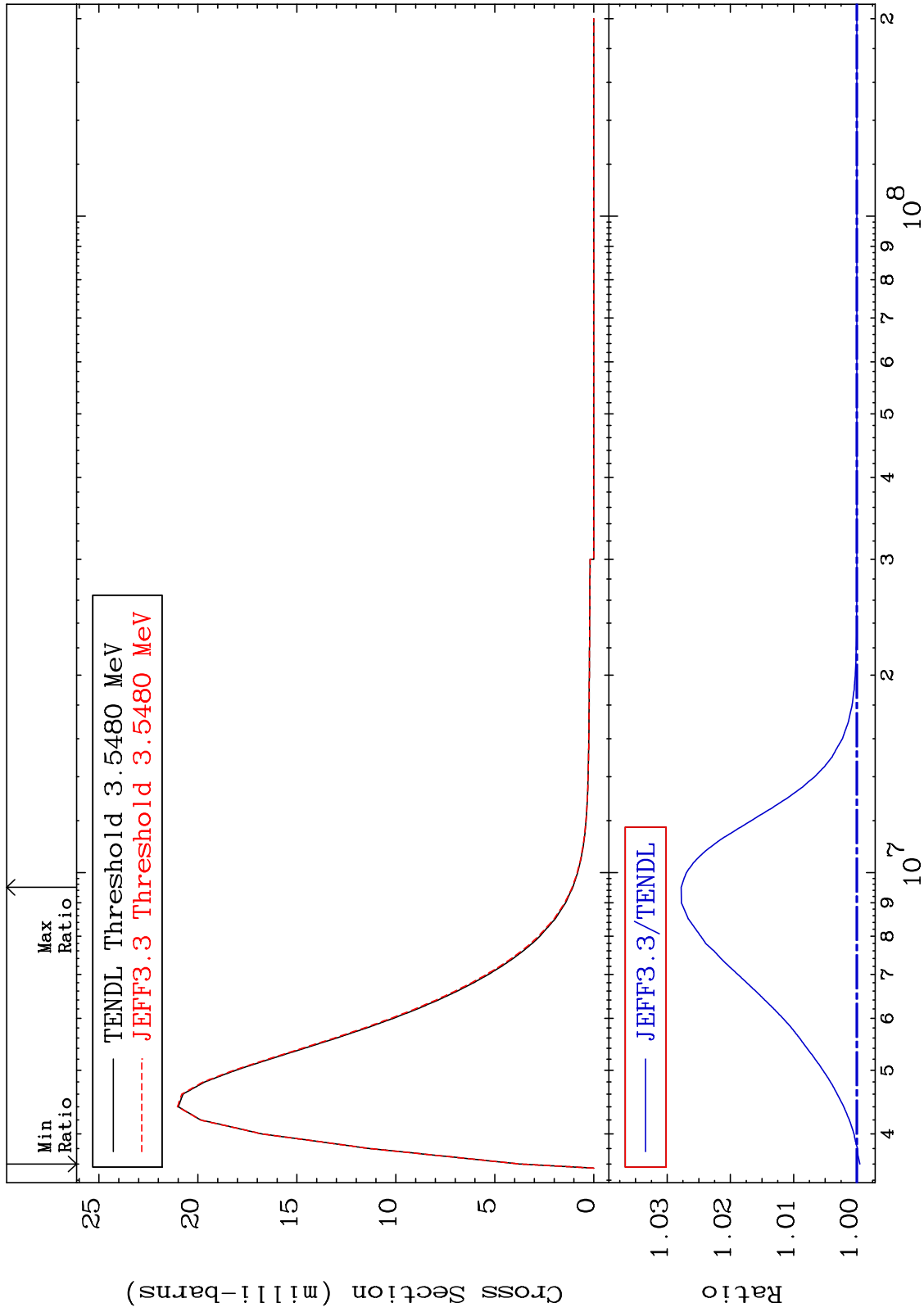
30-Zn-68  
-0.009 To 2.674 %



MAT 3037

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

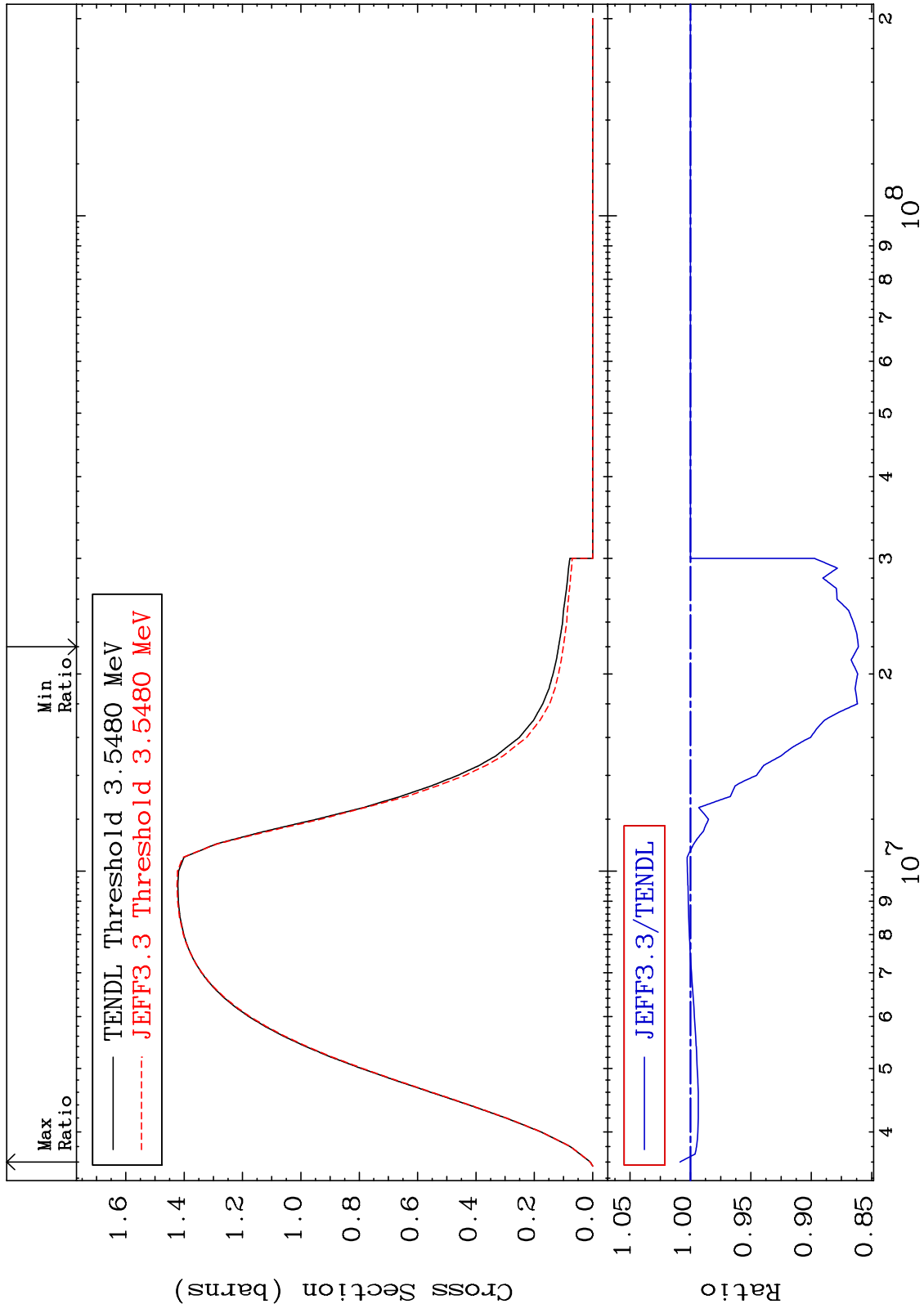
30-Zn-68  
-0.049 To 2.778 %



MAT 3037

(n, n') Continuum  
Cross Section

30-Zn-68  
-13.90 To 0.864 %



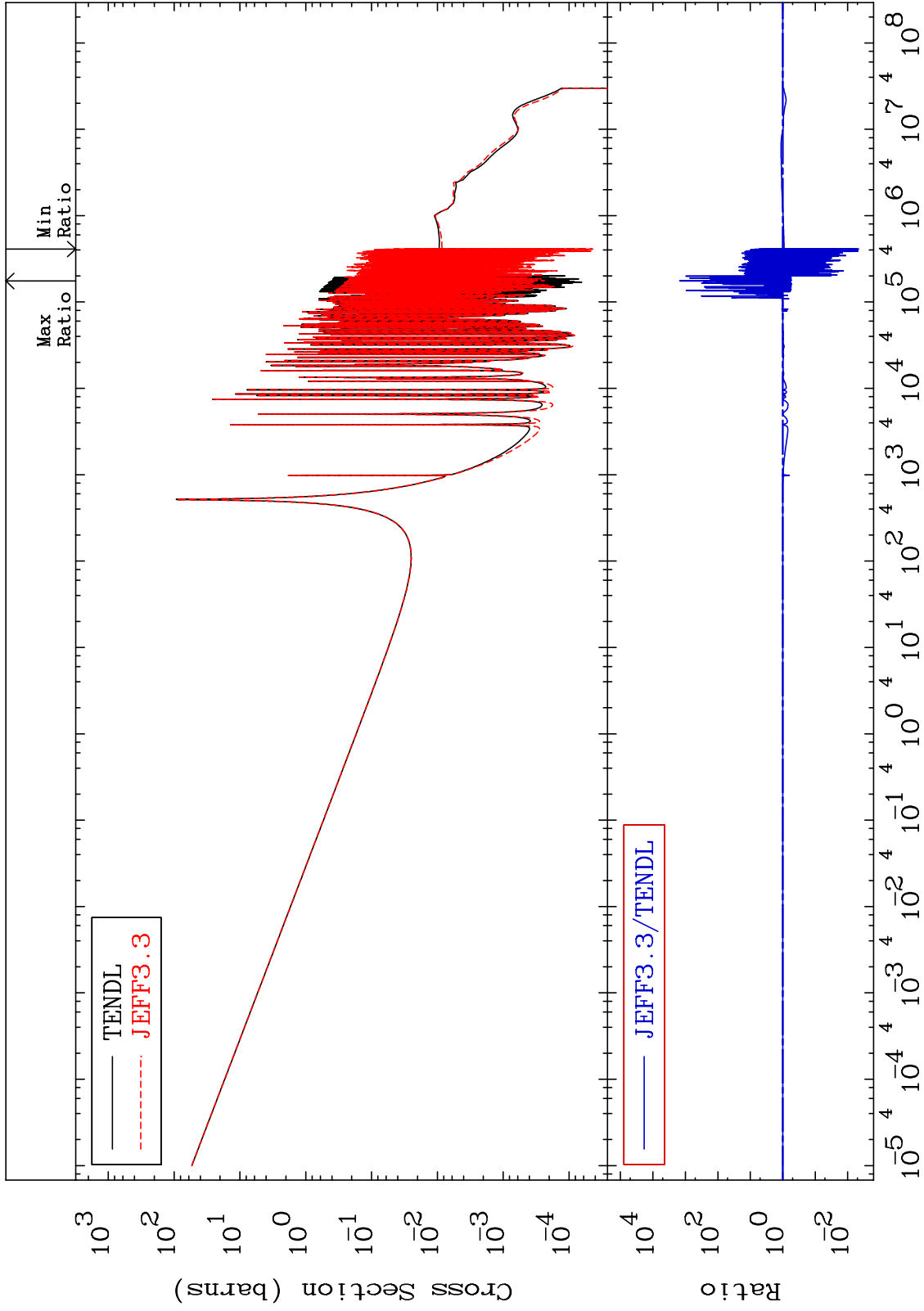
MAT 3037

(n,  $\gamma$ )

30-Zn-68

Cross Section

-99.53 To 9999. %



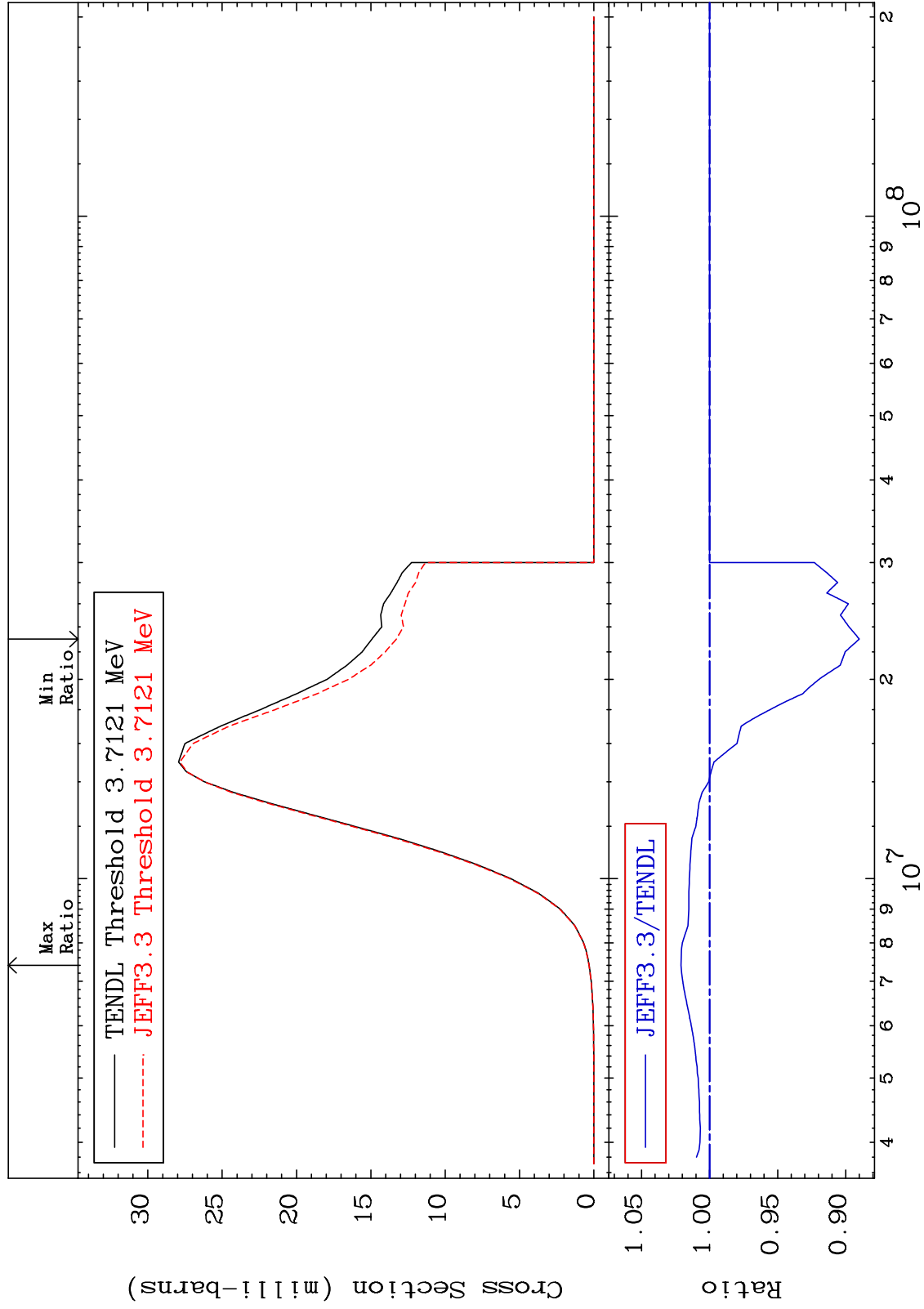
MAT 3037

(n,p)

30-Zn-68

Cross Section

-11.00 To 2.097 %



52

Incident Energy (eV)

30-Zn-68

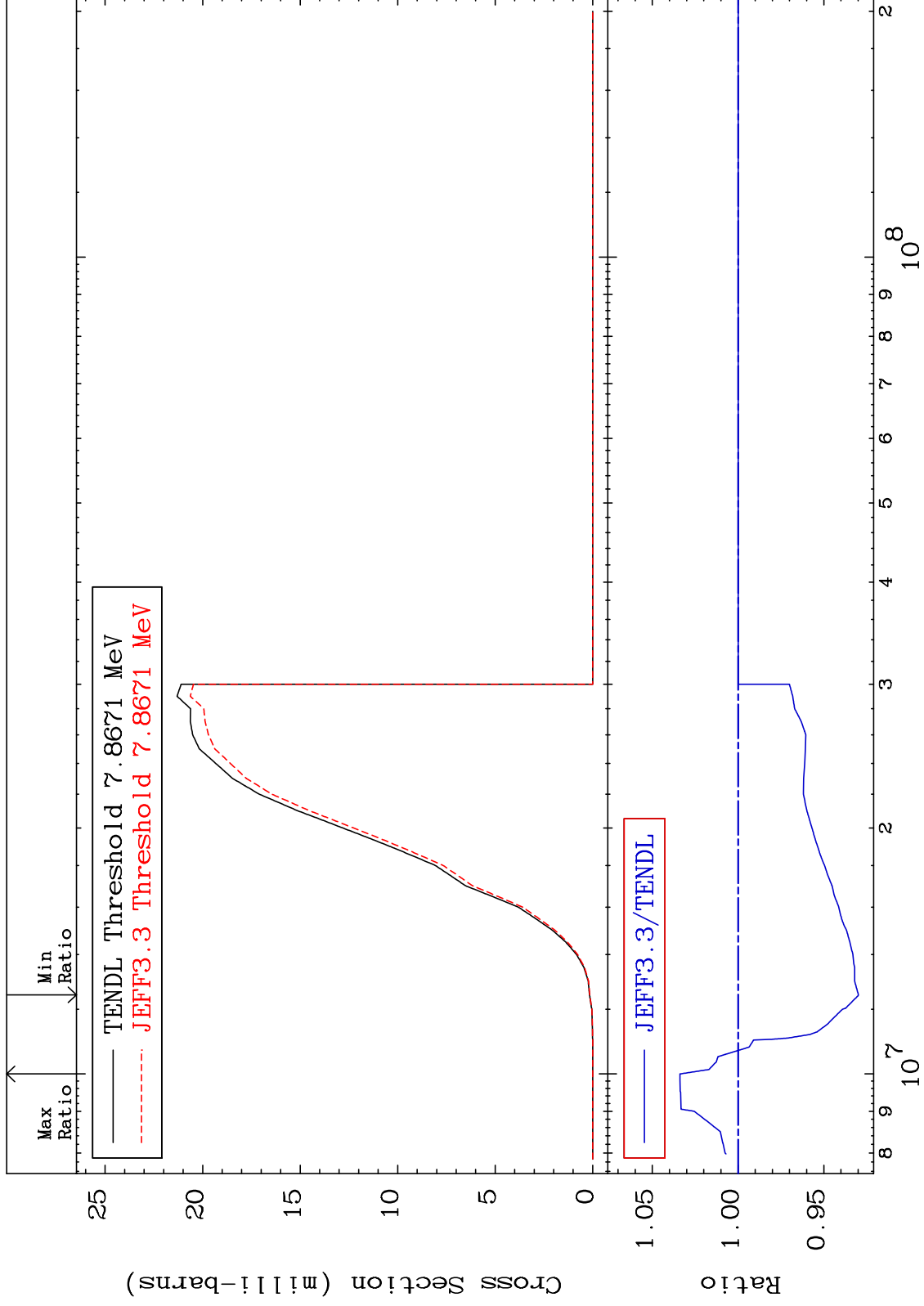
MAT 3037

(n, d)

30-Zn-68

Cross Section

-7.014 To 3.385 %



30-Zn-68

Incident Energy (eV)

53

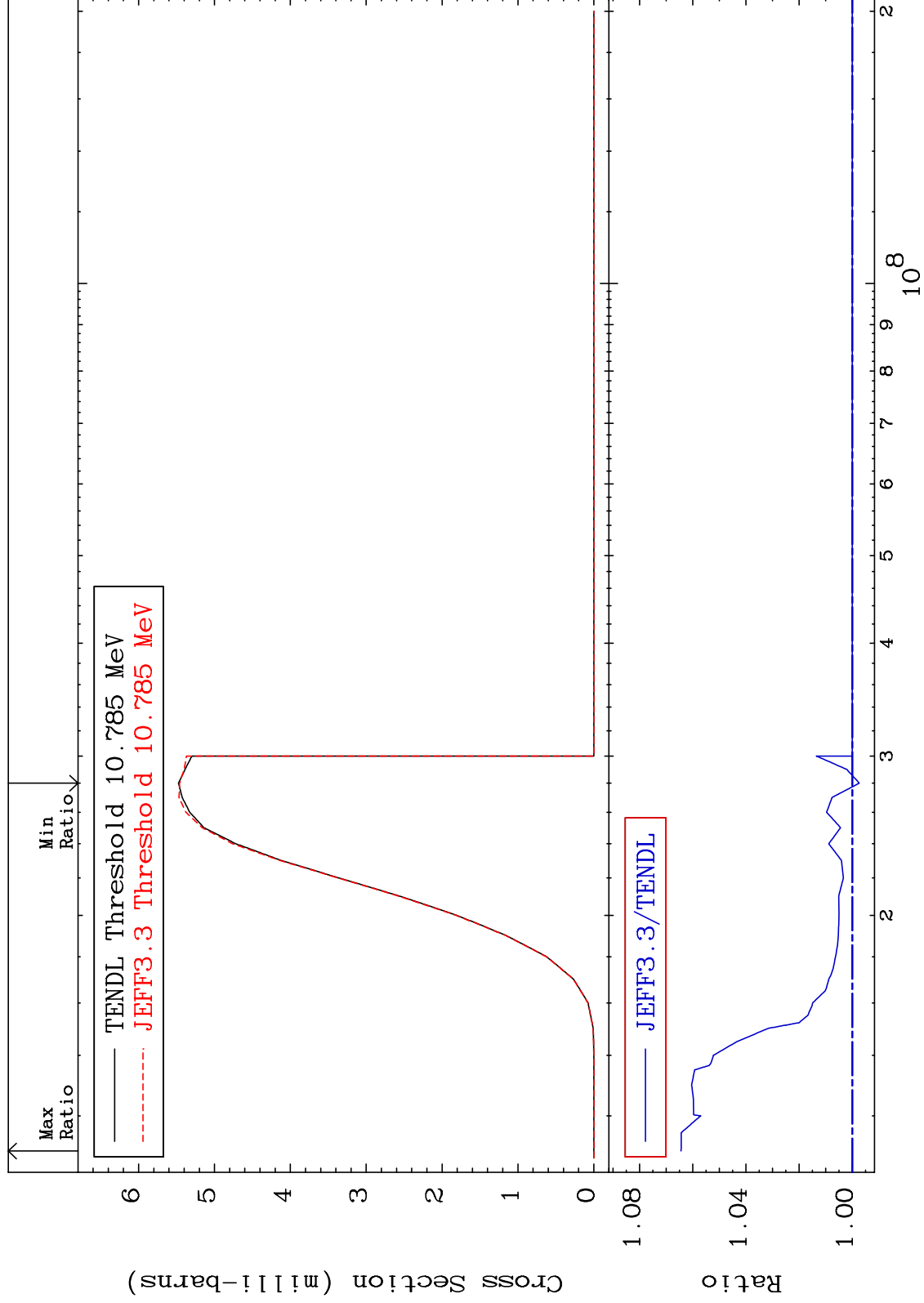
MAT 3037

(n, t)

30-Zn-68

Cross Section

-0.262 To 6.439 %



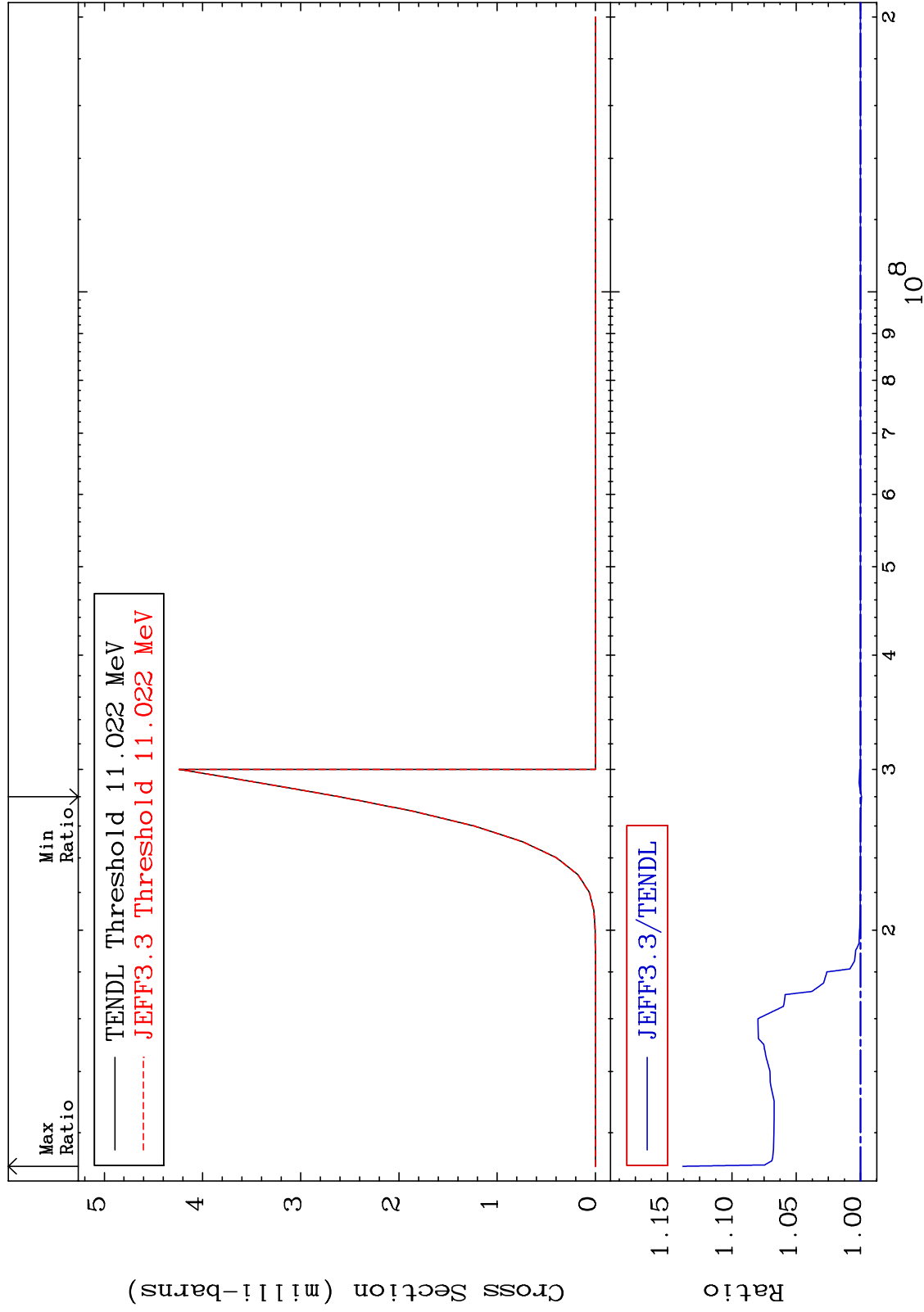
MAT 3037

(n, He-3)

30-Zn-68

Cross Section

-0.081 To 13.81 %





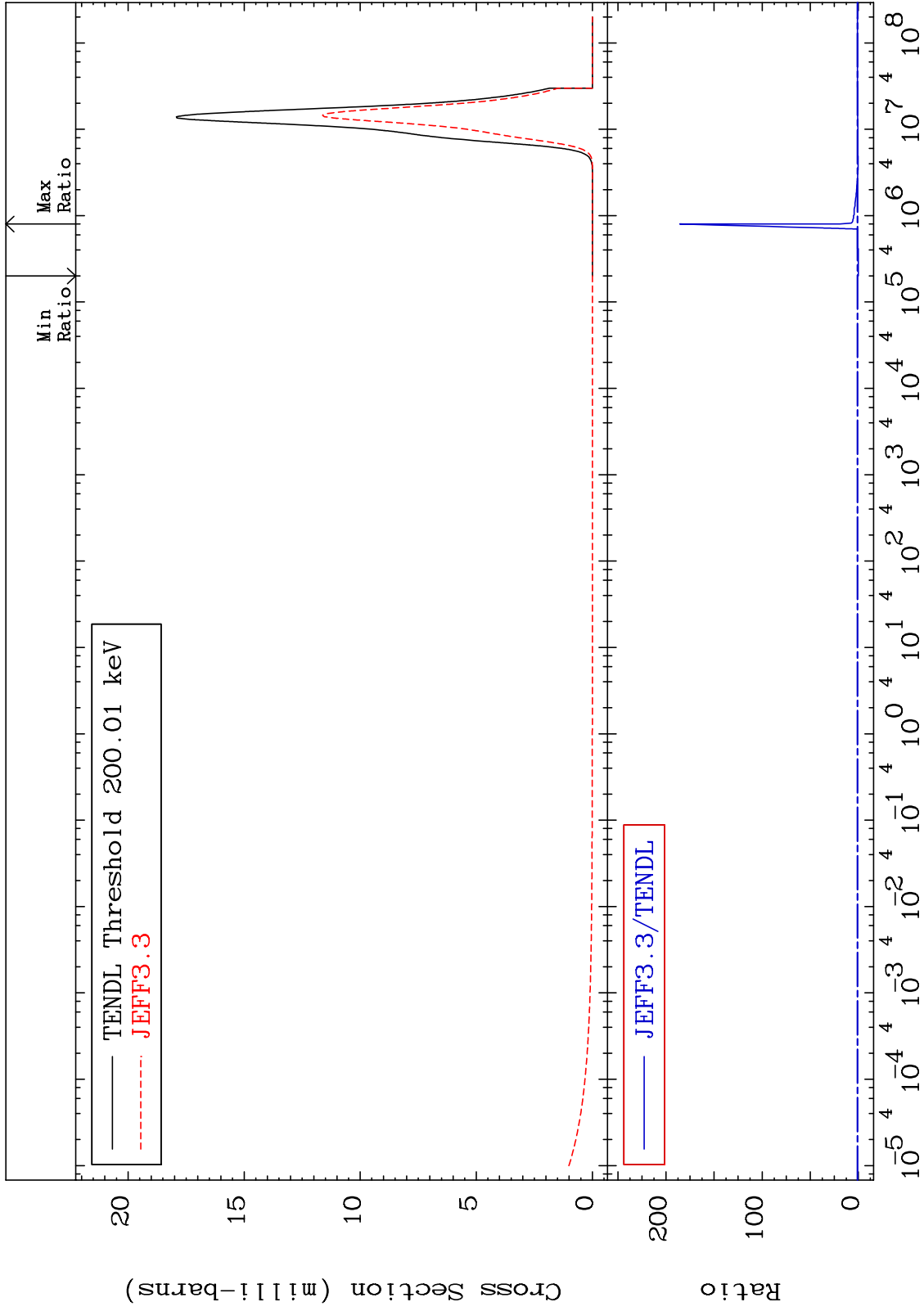
MAT 3037

(n,  $\alpha$ )

30-Zn-68

Cross Section

-100.0 To 9999. %



56

Incident Energy (eV)

30-Zn-68

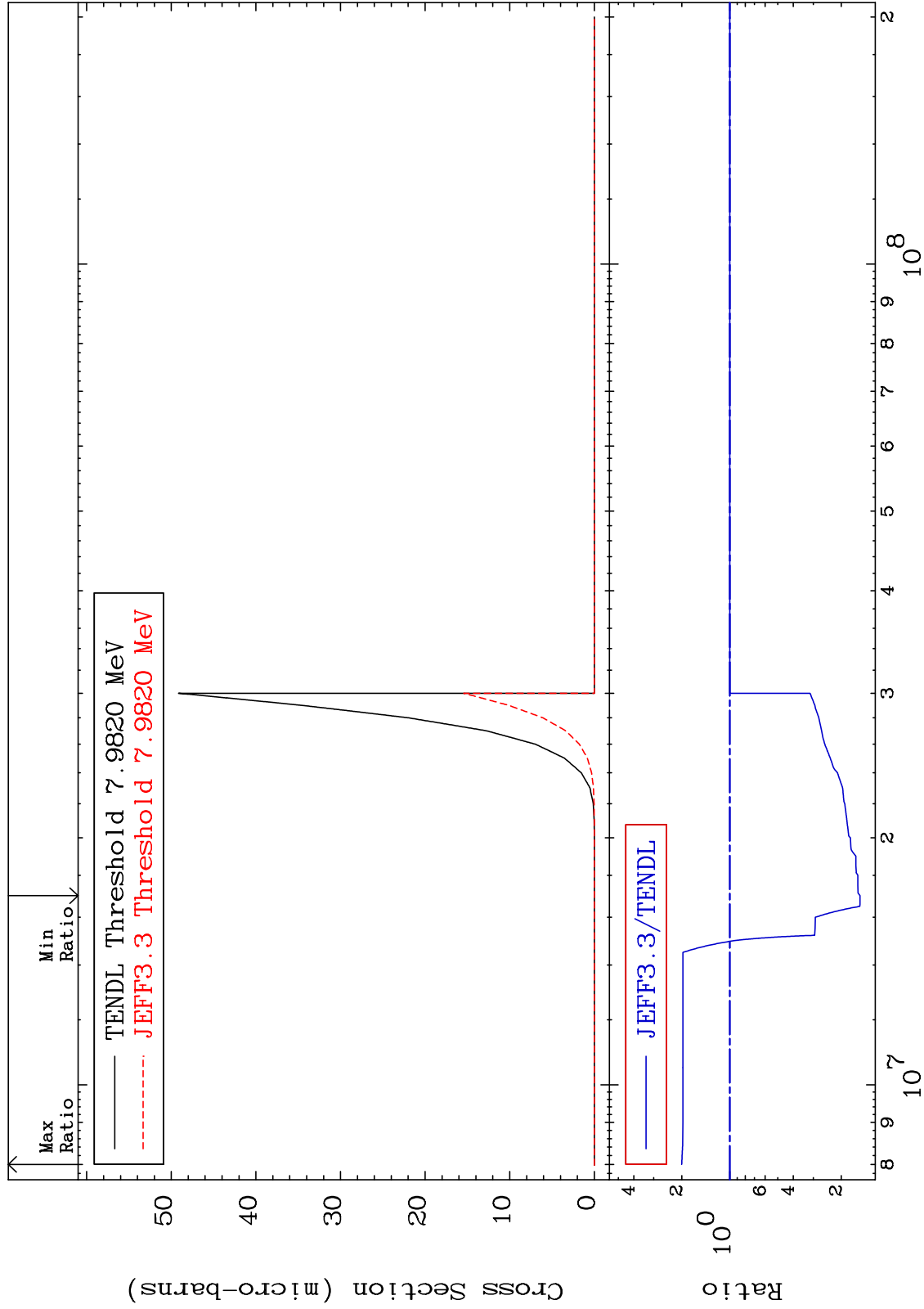
MAT 3037

(n, 2α)

30-Zn-68

Cross Section

-84.73 To 100.3 %



57

Incident Energy (eV)

30-Zn-68

MAT 3037

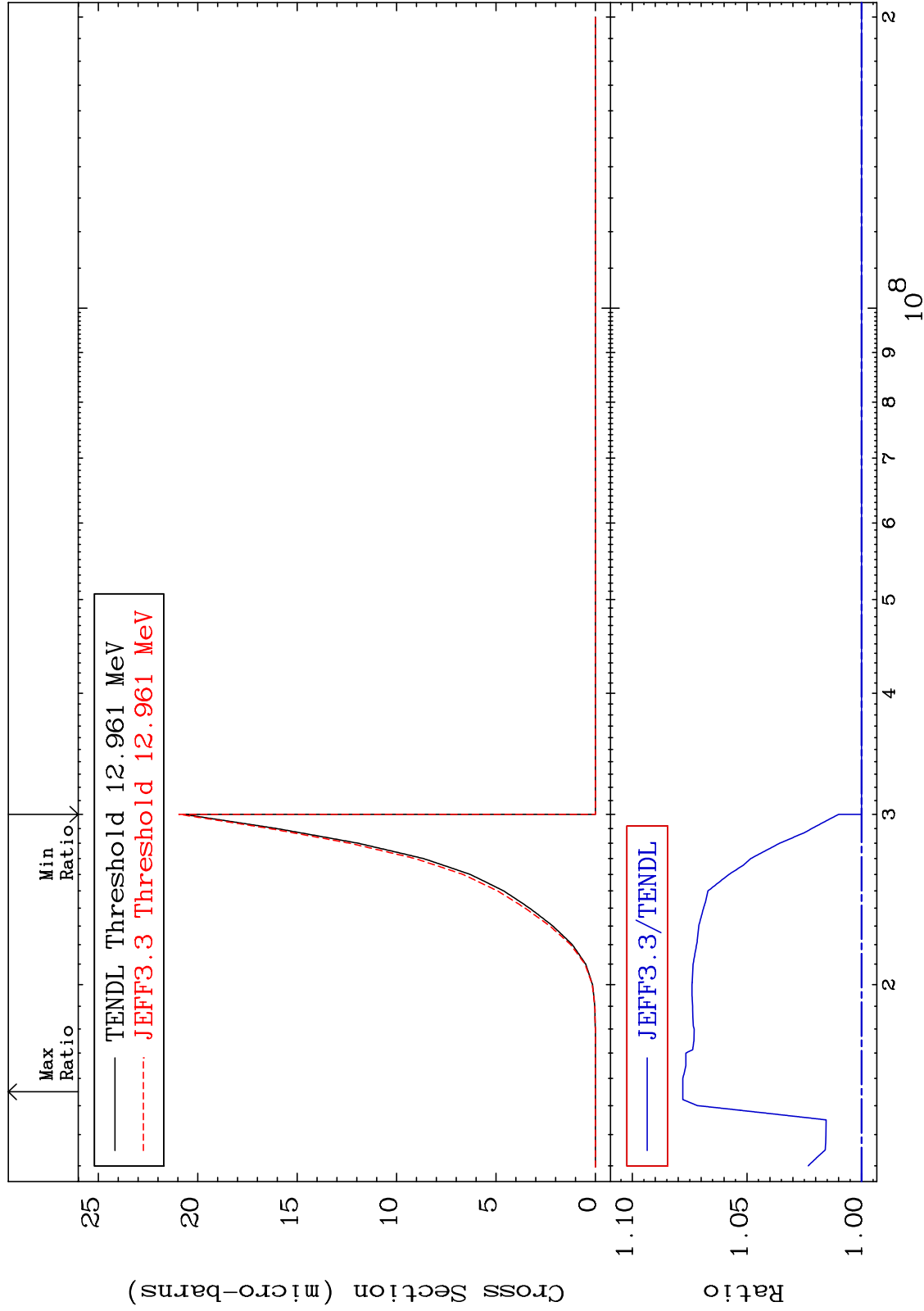
(n,2p)

30-Zn-68

Cross Section

0.000

To 7.797 %

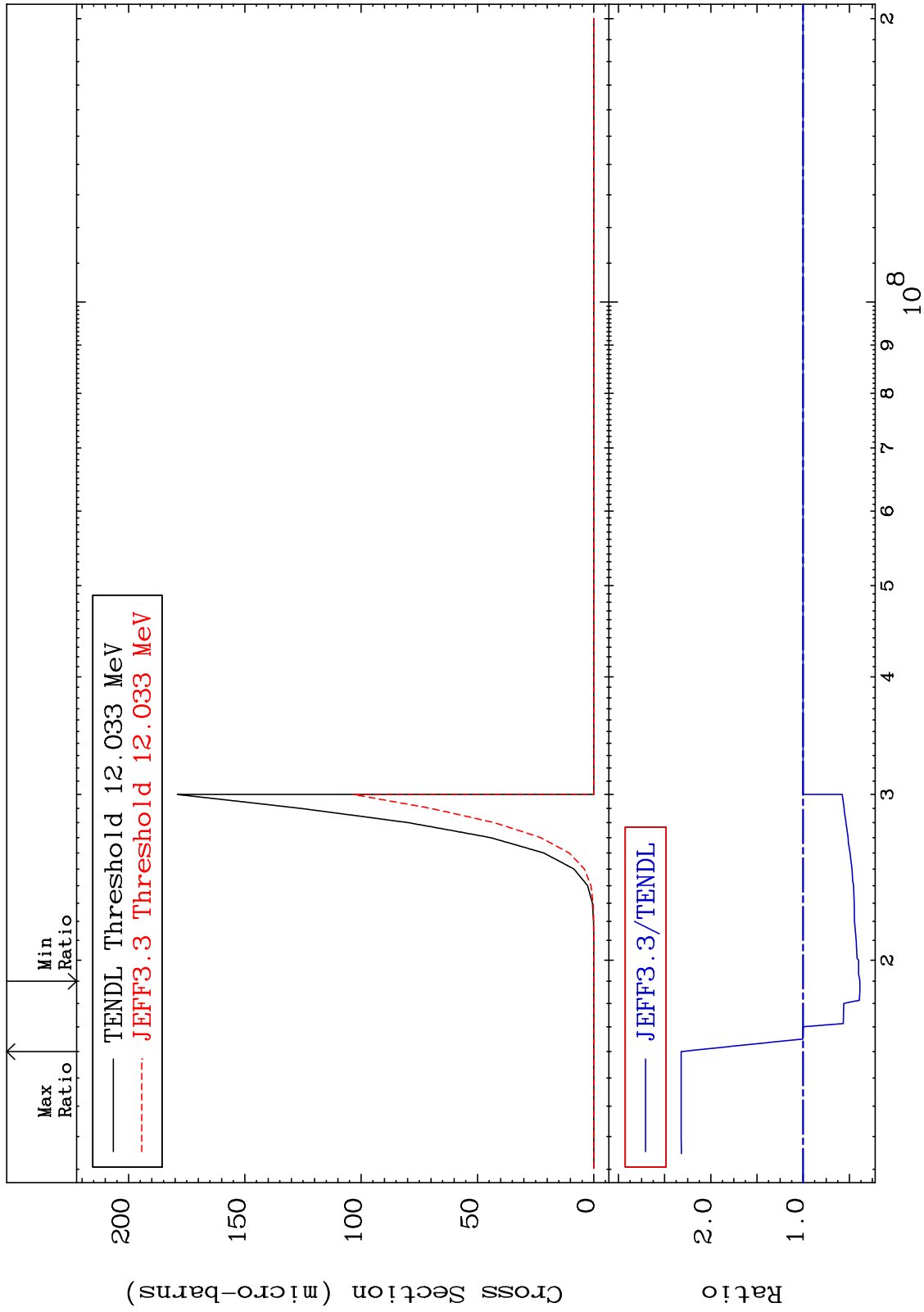


58

Incident Energy (eV)

30-Zn-68

MAT 3037 (n,p)  $\alpha$  30-Zn-68  
 Cross Section -61.47 To 132.1 %



30-Zn-68

Incident Energy (eV)

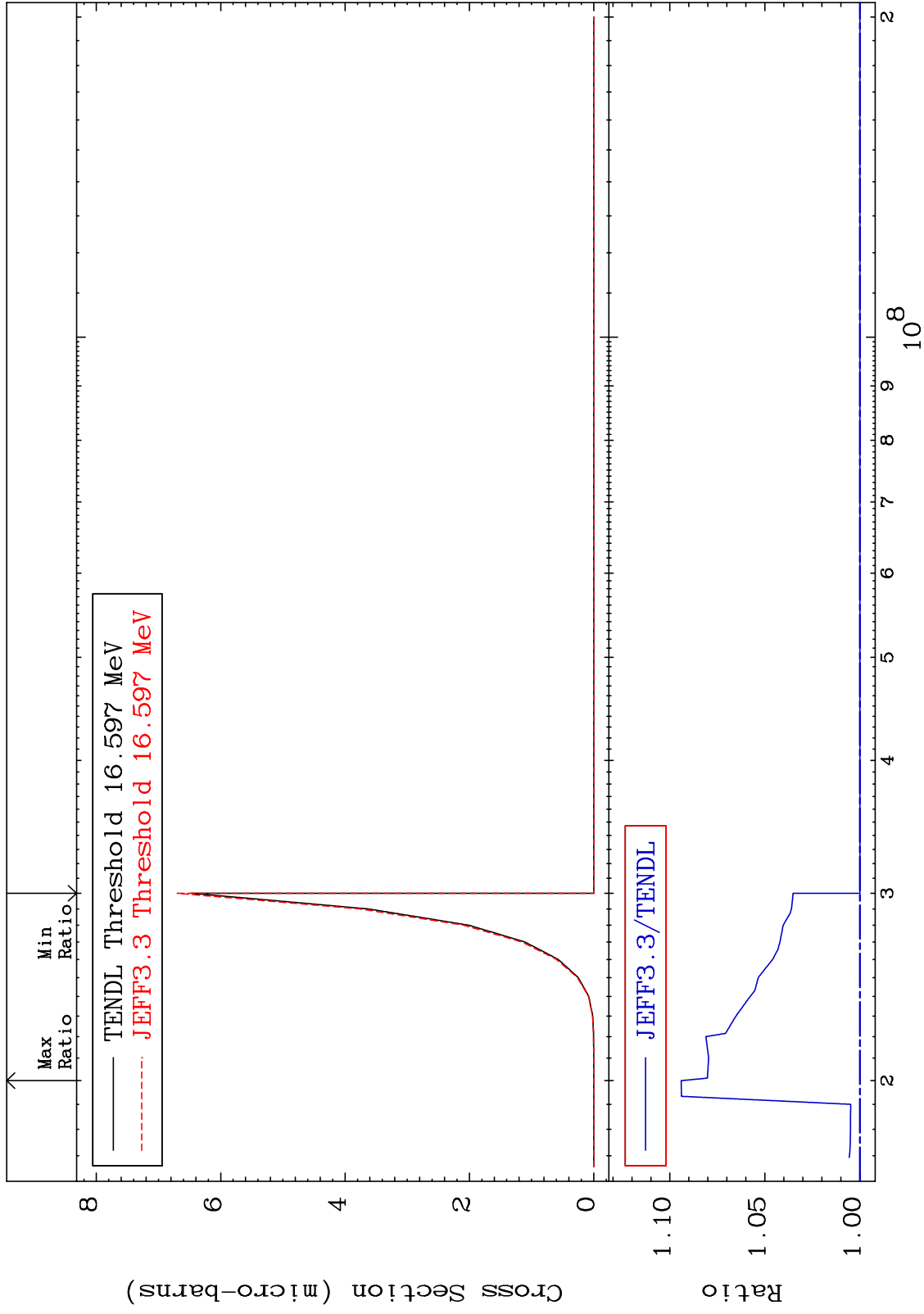
MAT 3037

(n,p) d

30-Zn-68

Cross Section

0.000 To 9.404 %



60

Incident Energy (eV)

30-Zn-68

MAT 3037

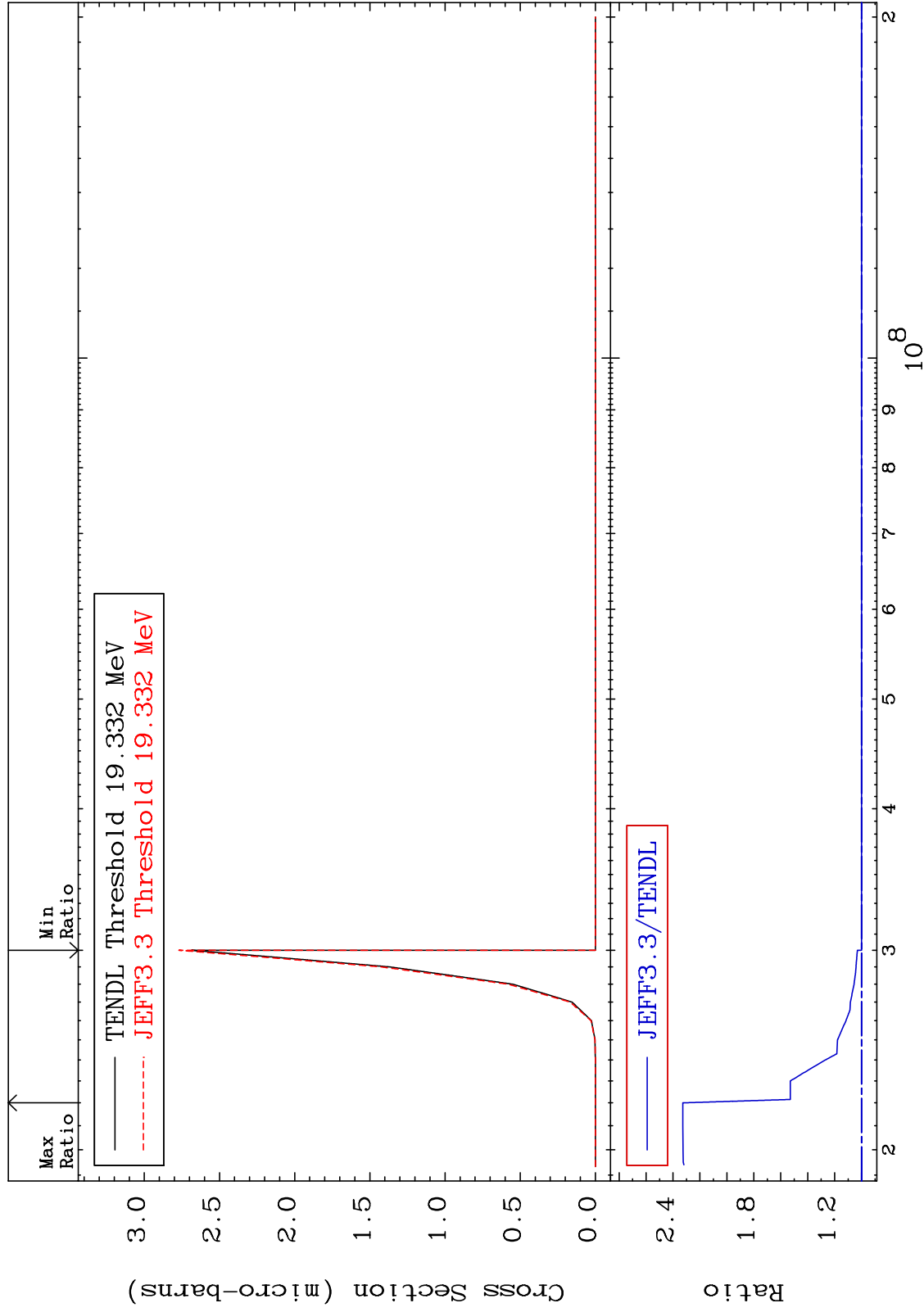
(n,p) t

30-Zn-68

Cross Section

0.000

To 132.7 %



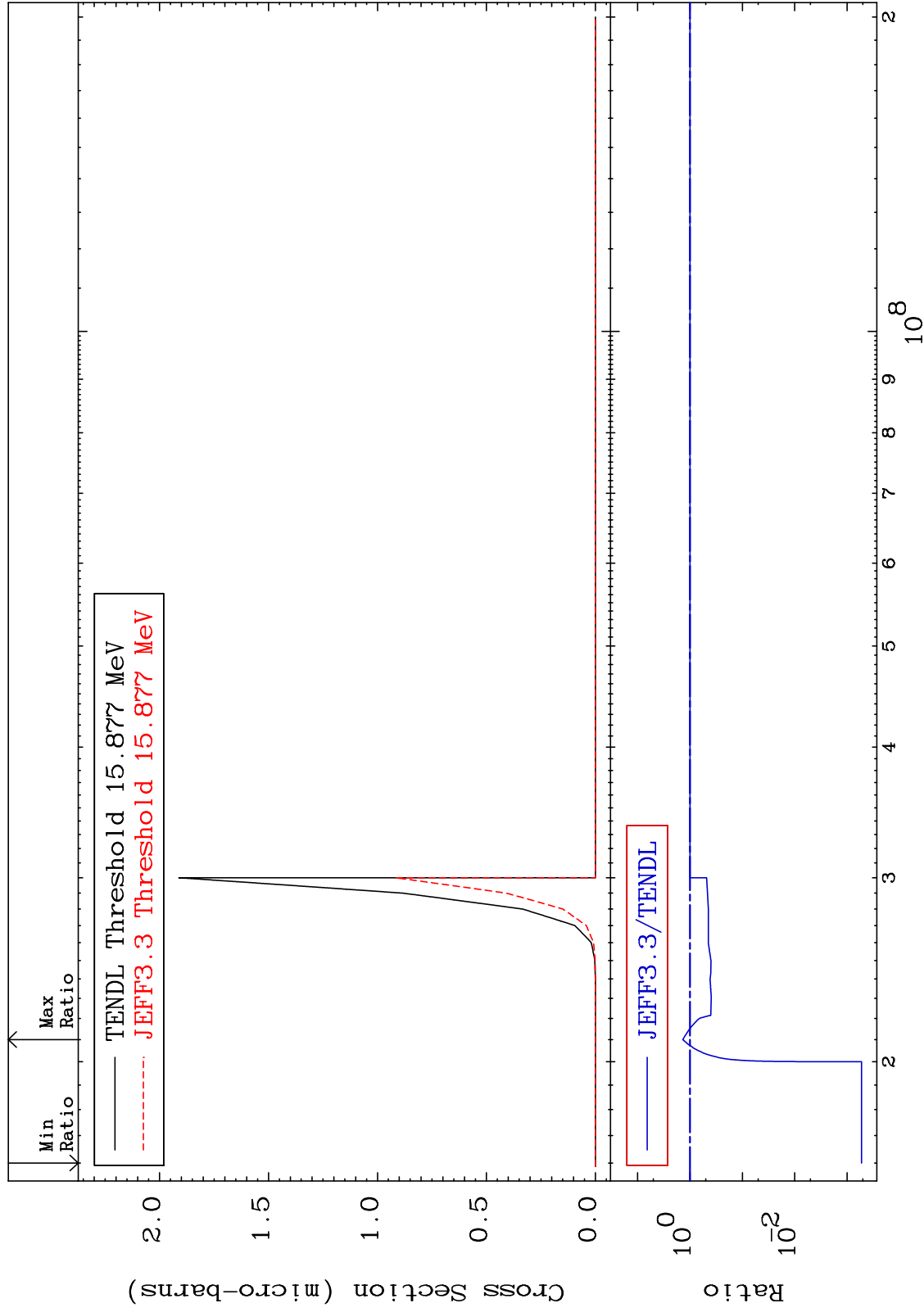
MAT 3037

(n,d)  $\alpha$

30-Zn-68

Cross Section

-99.95 To 36.83 %



62

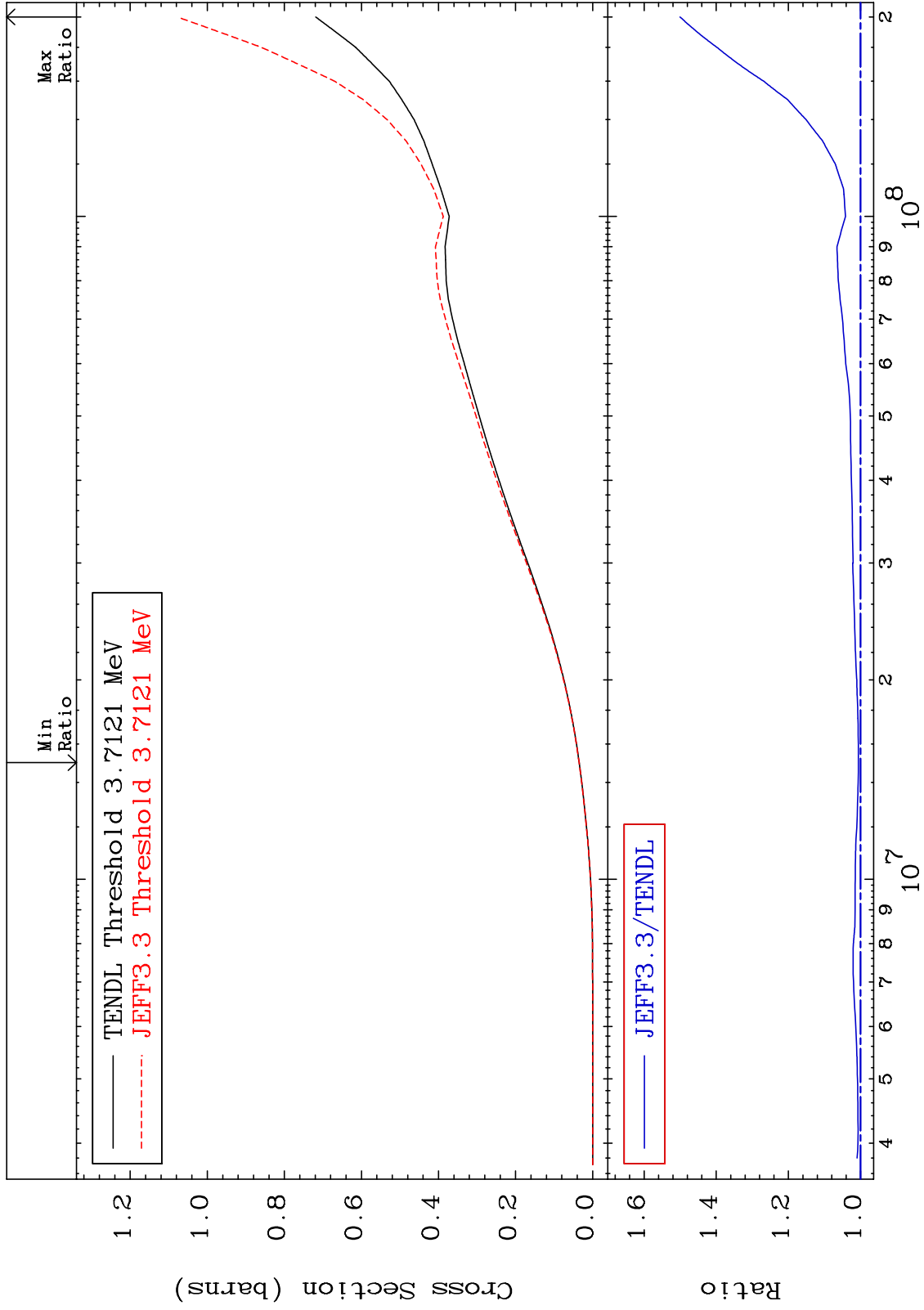
30-Zn-68

30-Zn-68

MAT 3037

Hydrogen Production  
Cross Section

0.607 To 50.04 %  
30-Zn-68



63

Incident Energy (eV)

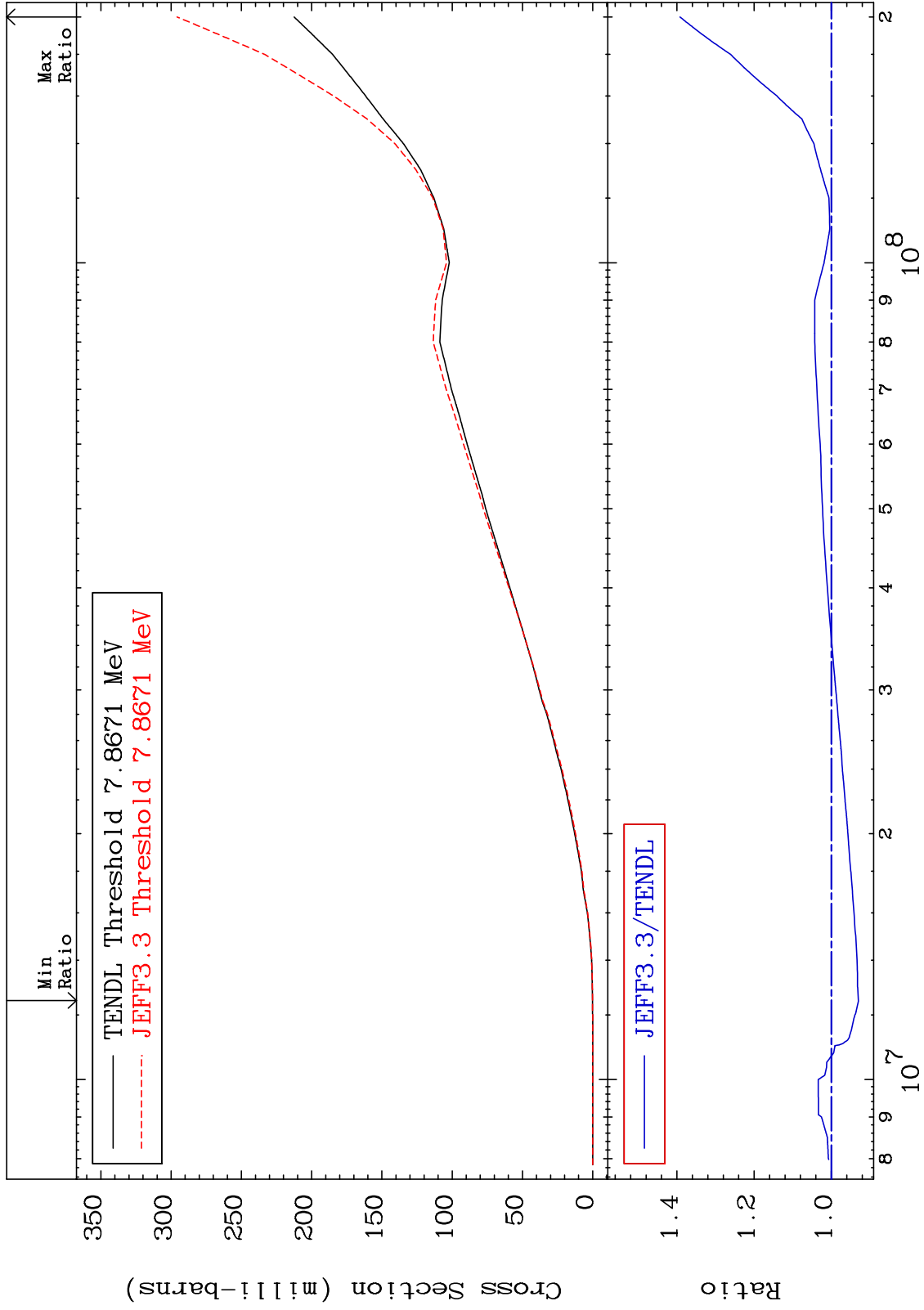
30-Zn-68



MAT 3037

Deuterium Production  
Cross Section

30-Zn-68  
-7.014 To 39.20 %



64

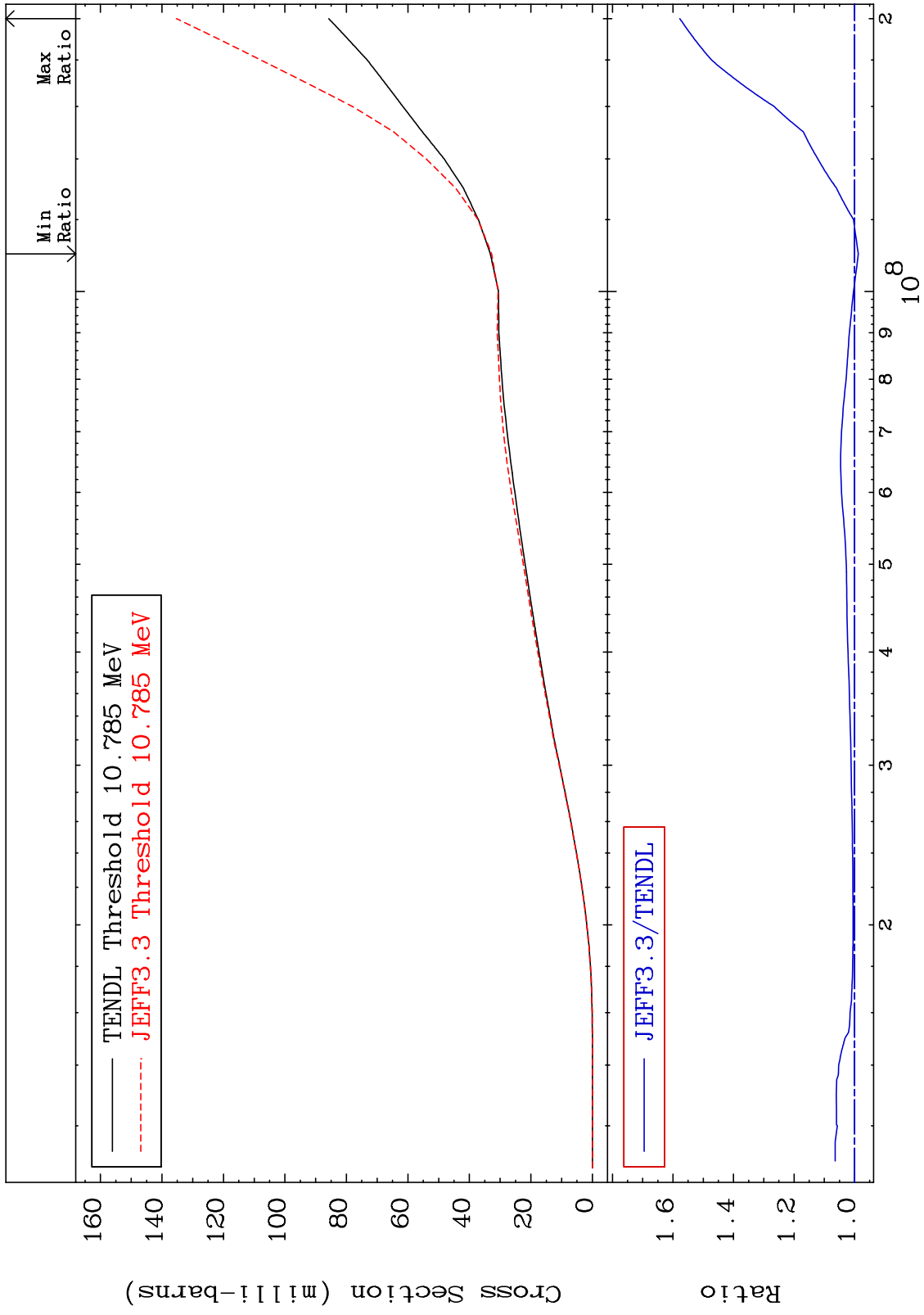
Incident Energy (eV)

30-Zn-68

MAT 3037

Tritium Production  
Cross Section

30-Zn-68  
-1.252 To 57.75 %



65

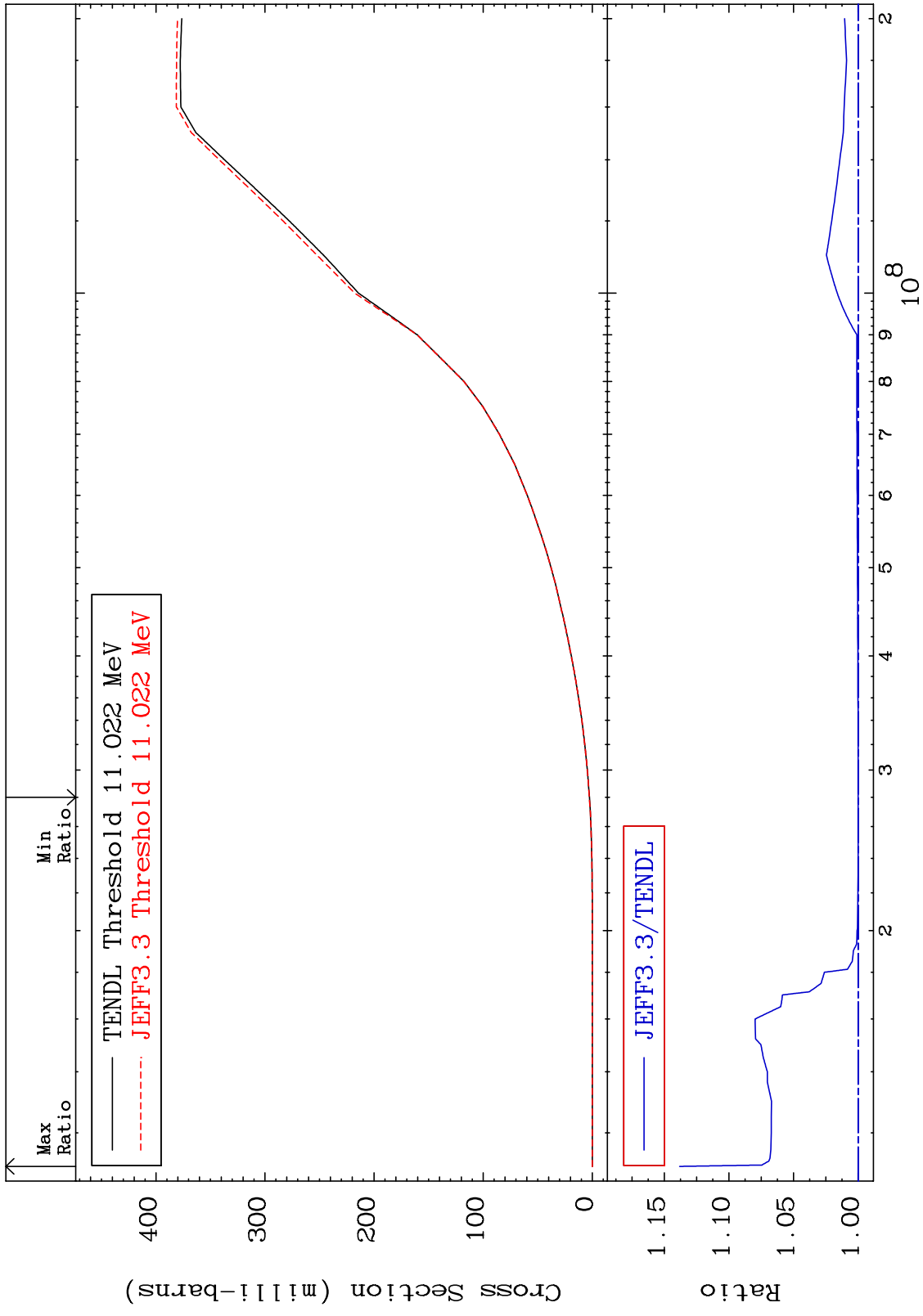
Incident Energy (eV)

30-Zn-68

MAT 3037

He-3 Production  
Cross Section

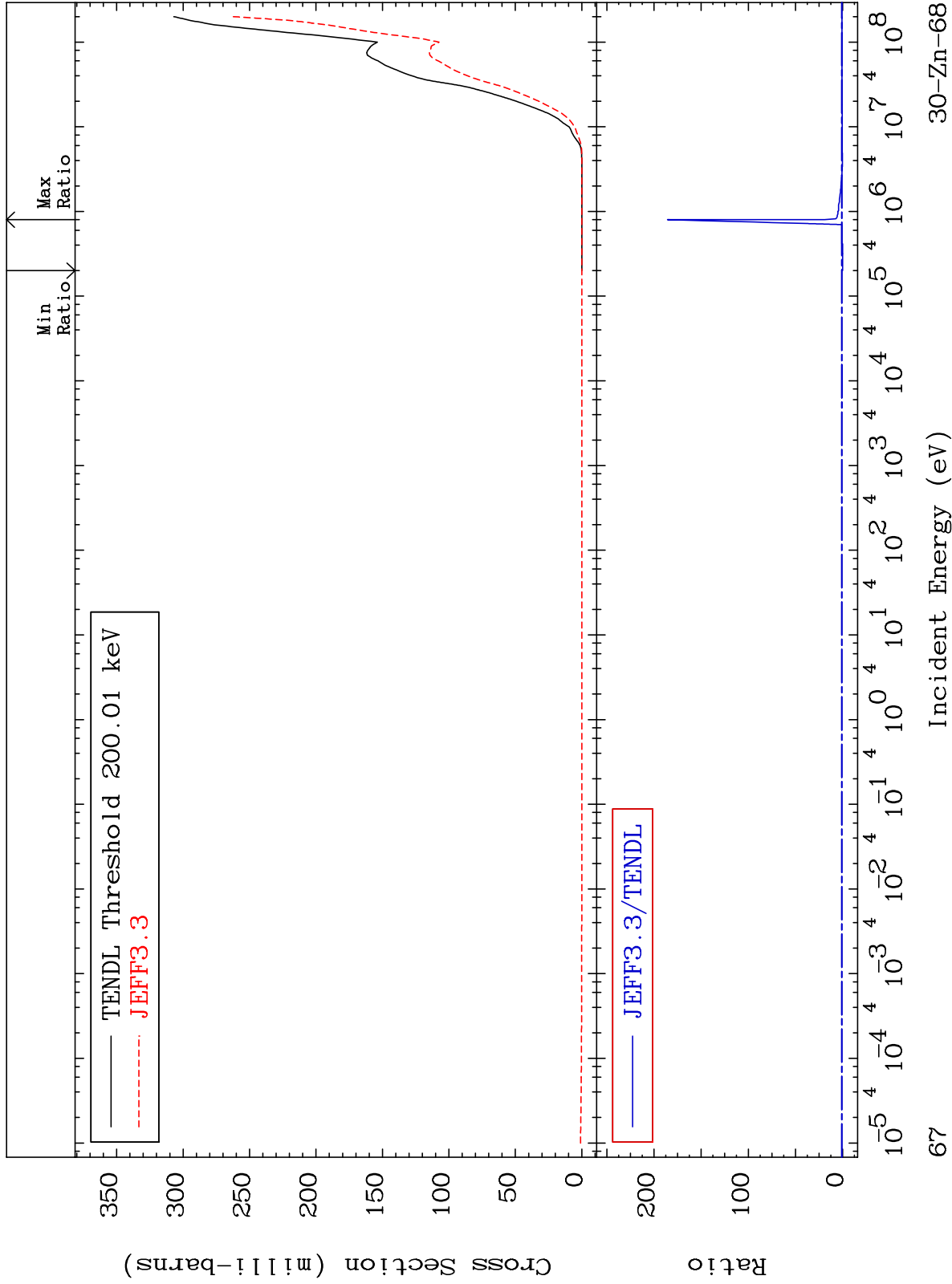
30-Zn-68  
0.000 To 13.81 %



MAT 3037

He-4 Production  
Cross Section

30-Zn-68  
-100.0 To 9999. %



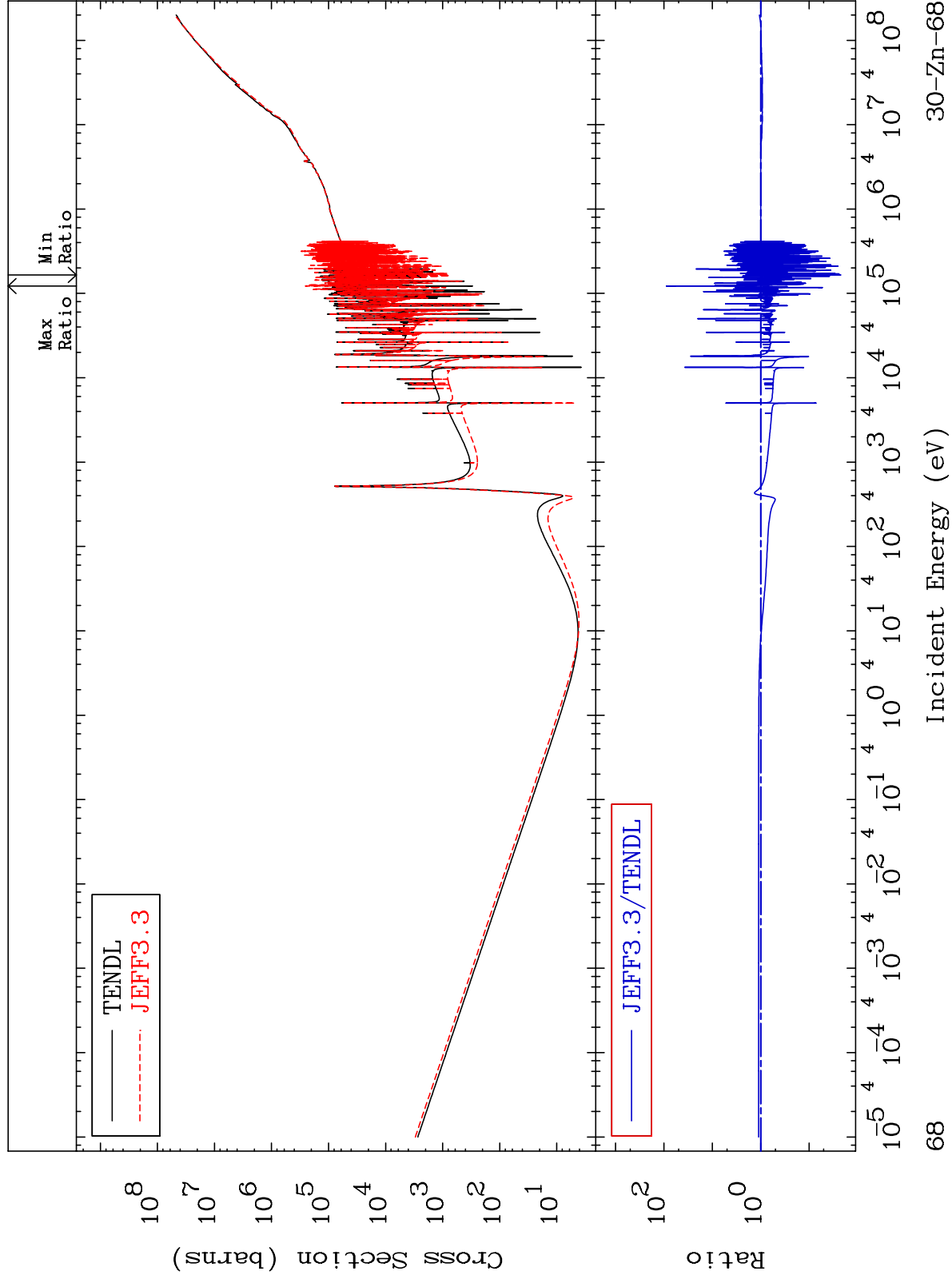
67

30-Zn-68

MAT 3037

Kerma total (eV-barns)  
Cross Section

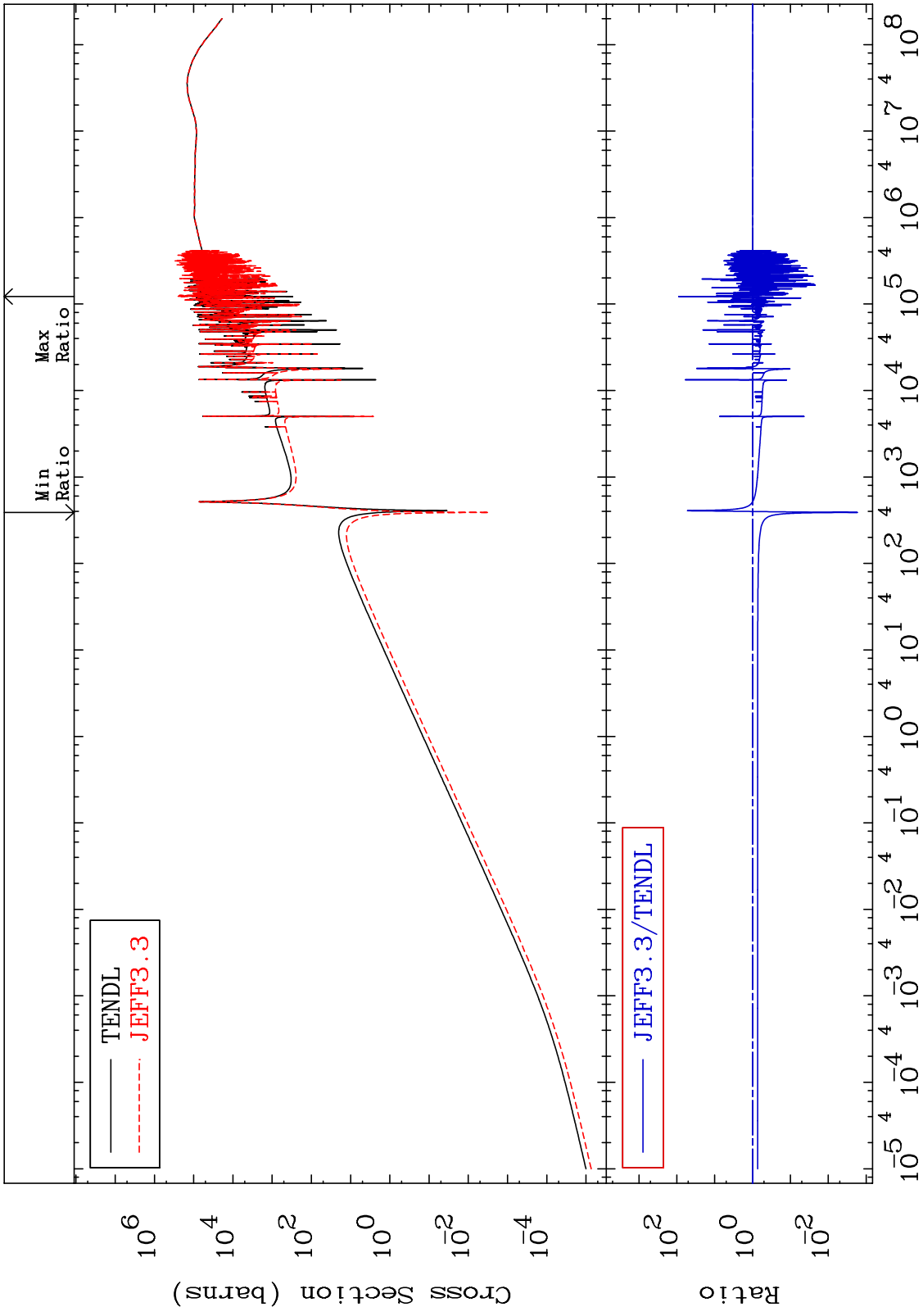
30-Zn-68  
-97.77 To 8852. %



MAT 3037

Kerma elastic  
Cross Section

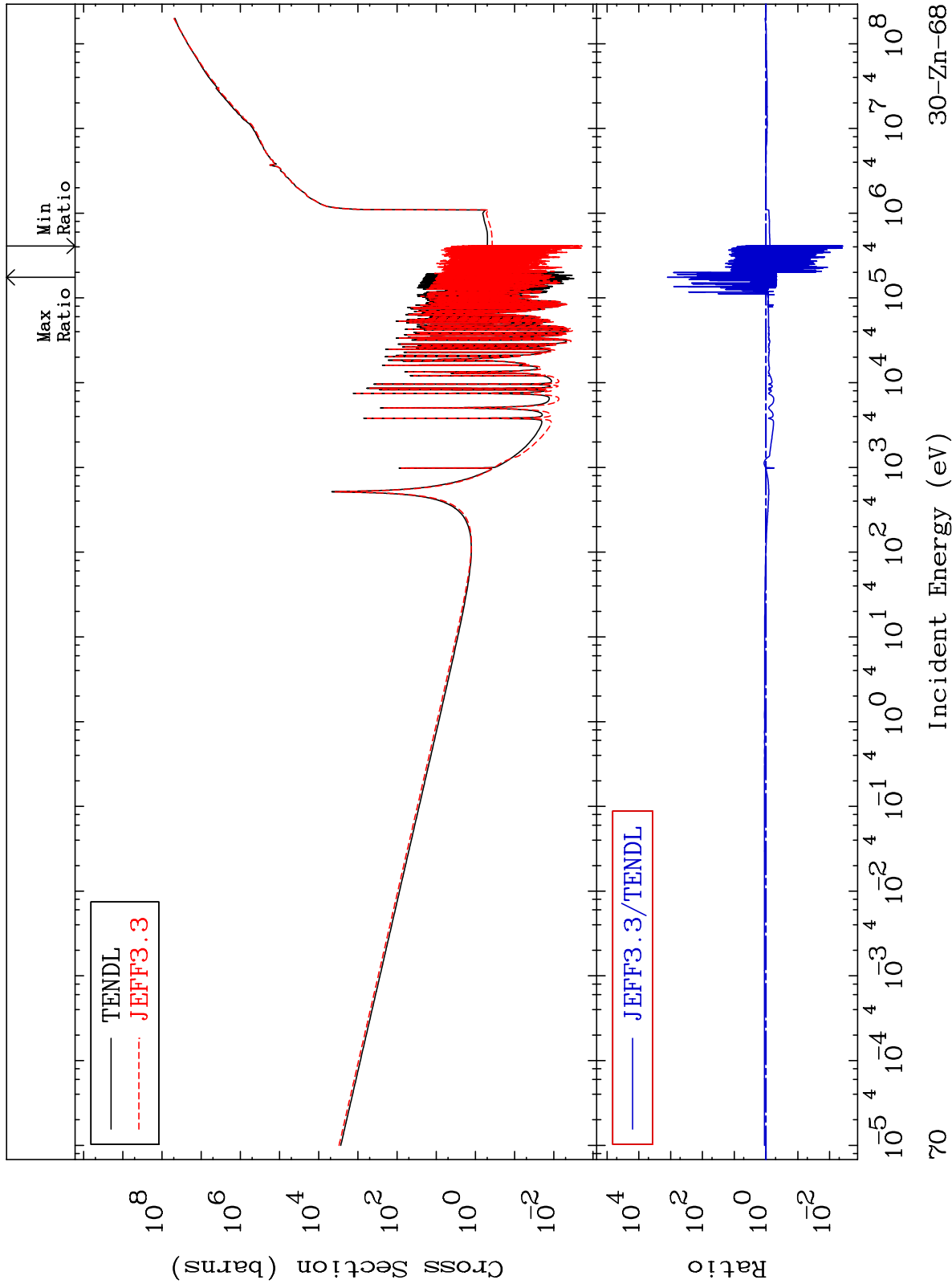
30-Zn-68  
-99.83 To 8854. %



MAT 3037

Kerma non-elastic (all but mt2)  
Cross Section

30-Zn-68  
-99.61 To 9999. %



70

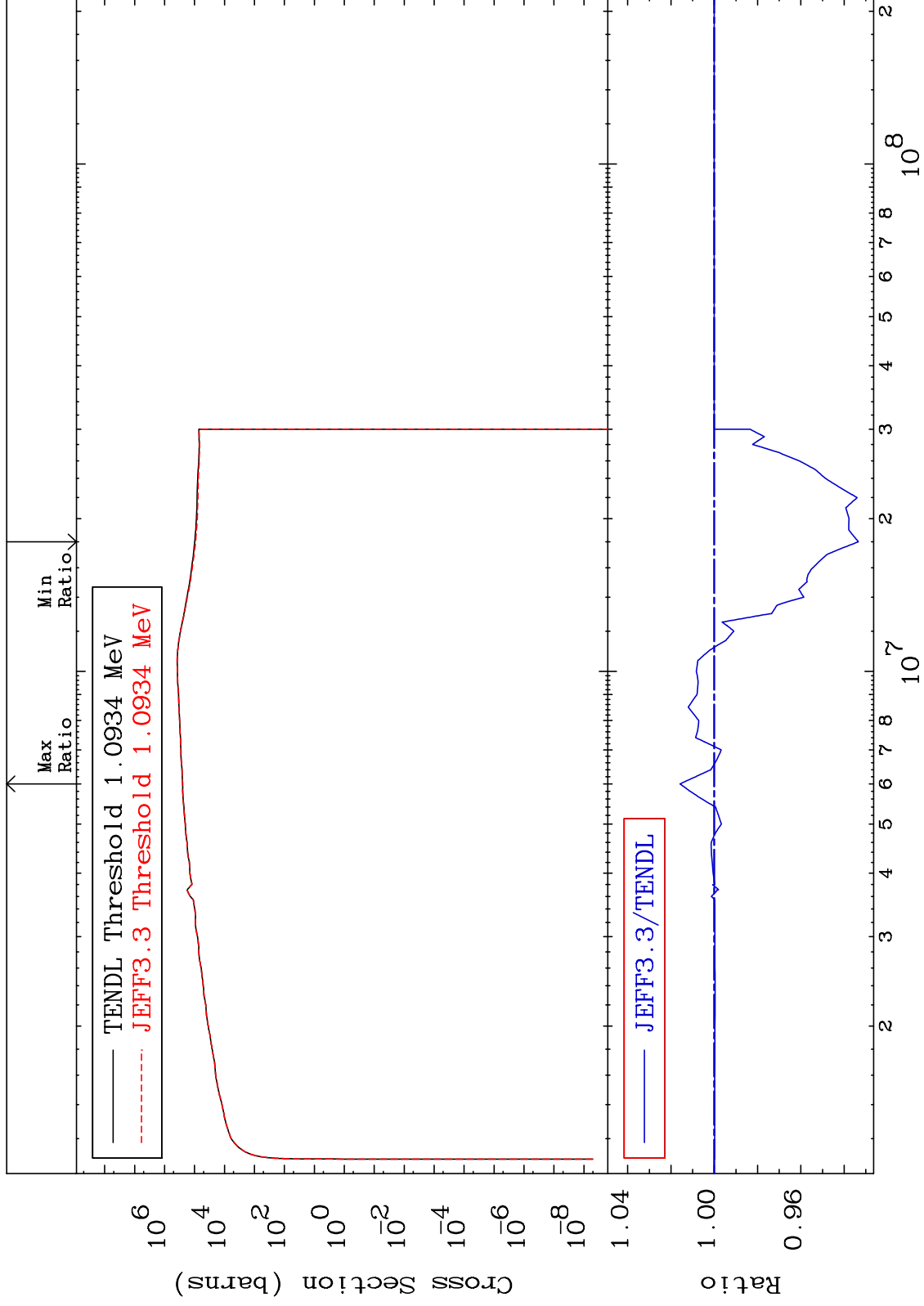
Incident Energy (eV)

30-Zn-68

MAT 3037

Kerma inelastic (mt51-91)  
Cross Section

30-Zn-68  
-6.657 To 1.583 %

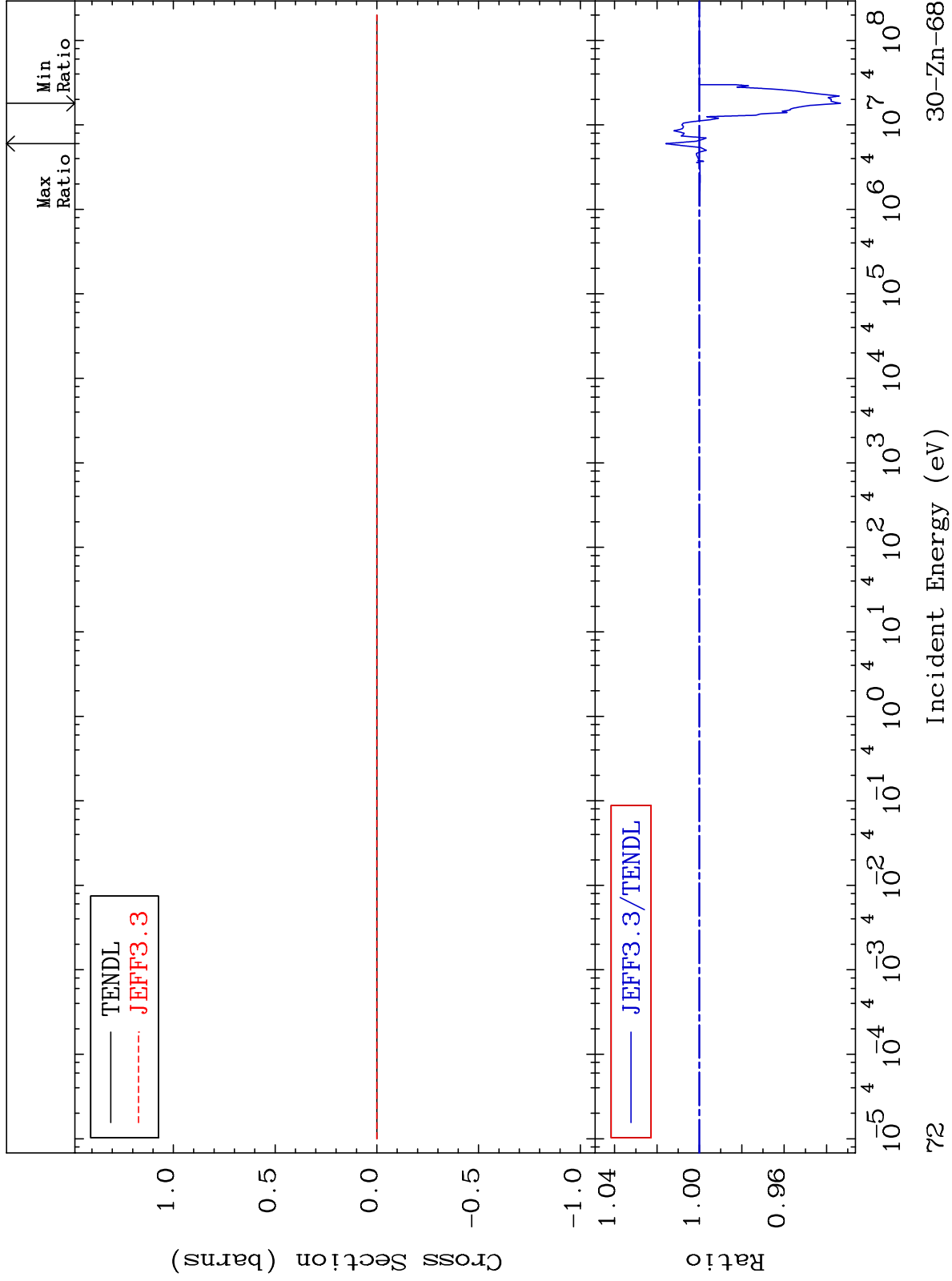




MAT 3037

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

30-Zn-68  
-6.657 To 1.583 %



72

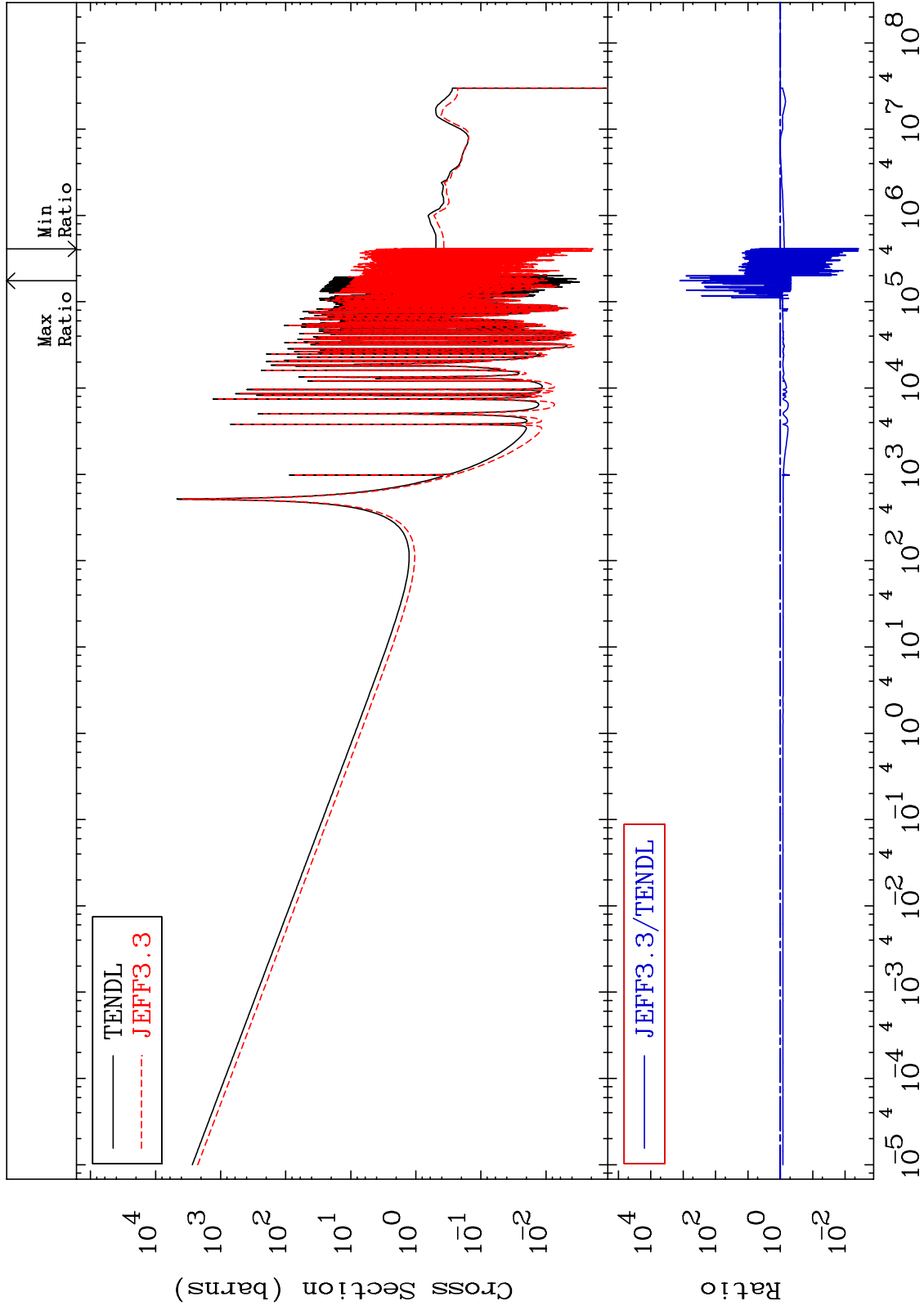
Incident Energy (eV)

30-Zn-68

MAT 3037

Kerma capture (mt102)  
Cross Section

30-Zn-68  
-99.61 To 9999. %



73

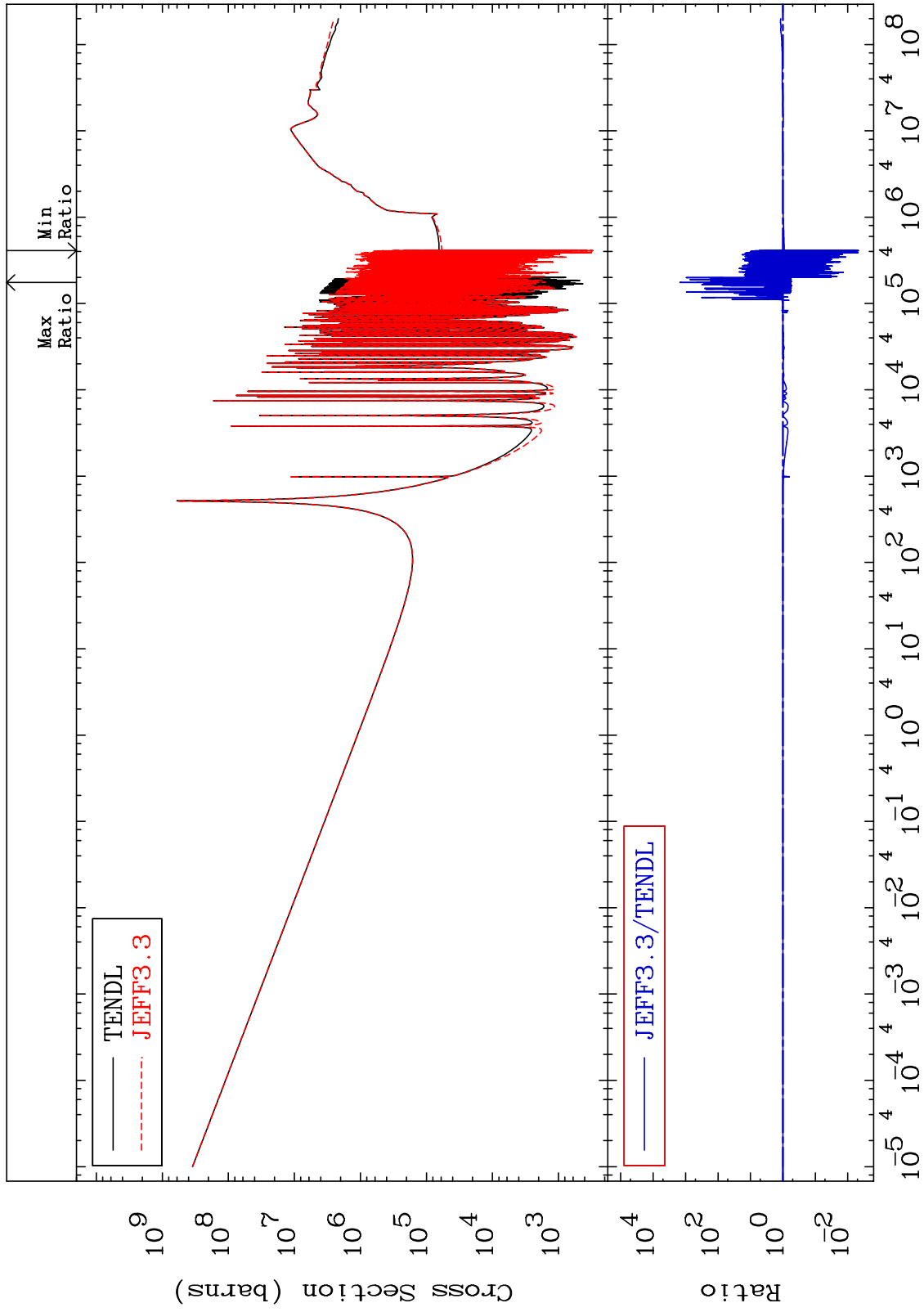
Incident Energy (eV)

30-Zn-68

MAT 3037

Total photon (eV-barns)  
Cross Section

30-Zn-68  
-99.53 To 9999. %



74

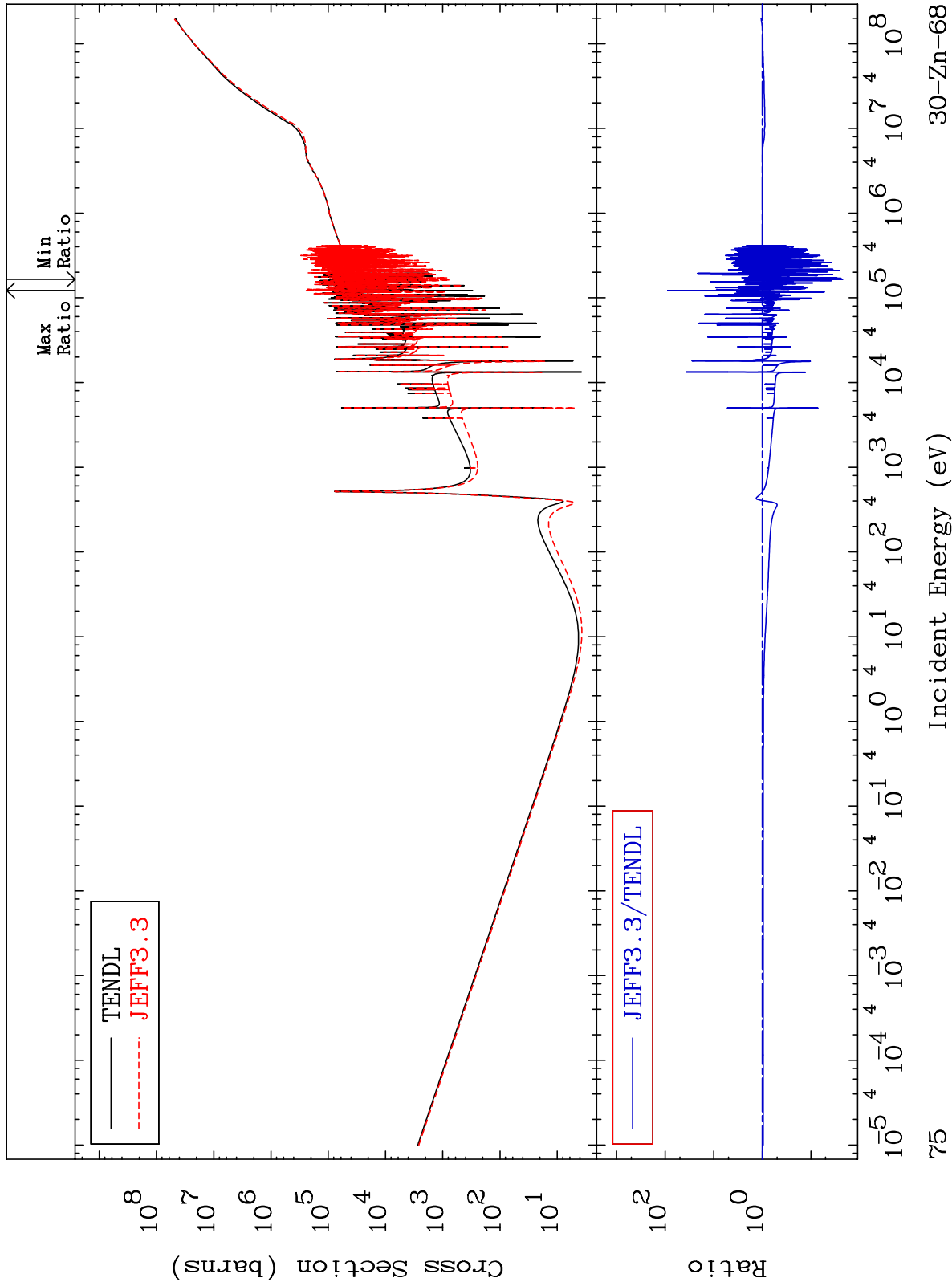
Incident Energy (eV)

30-Zn-68

MAT 3037

Total kinematic kerma (high limit)  
Cross Section

30-Zn-68  
-97.77 To 8852. %



75

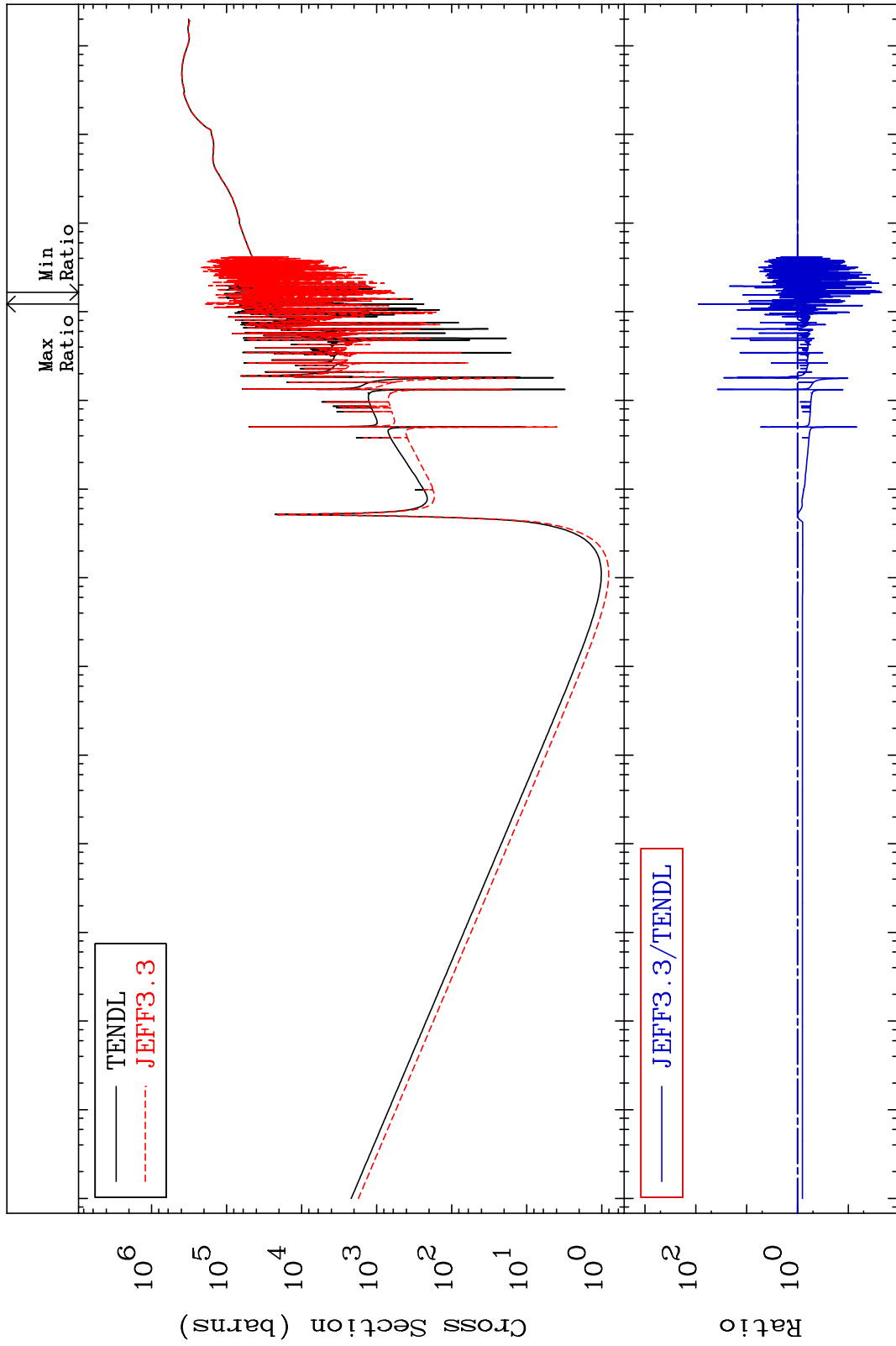
Incident Energy (eV)

30-Zn-68

MAT 3037

Dpa total (eV-barns)  
Cross Section

30-Zn-68  
-97.77 To 8852. %



76

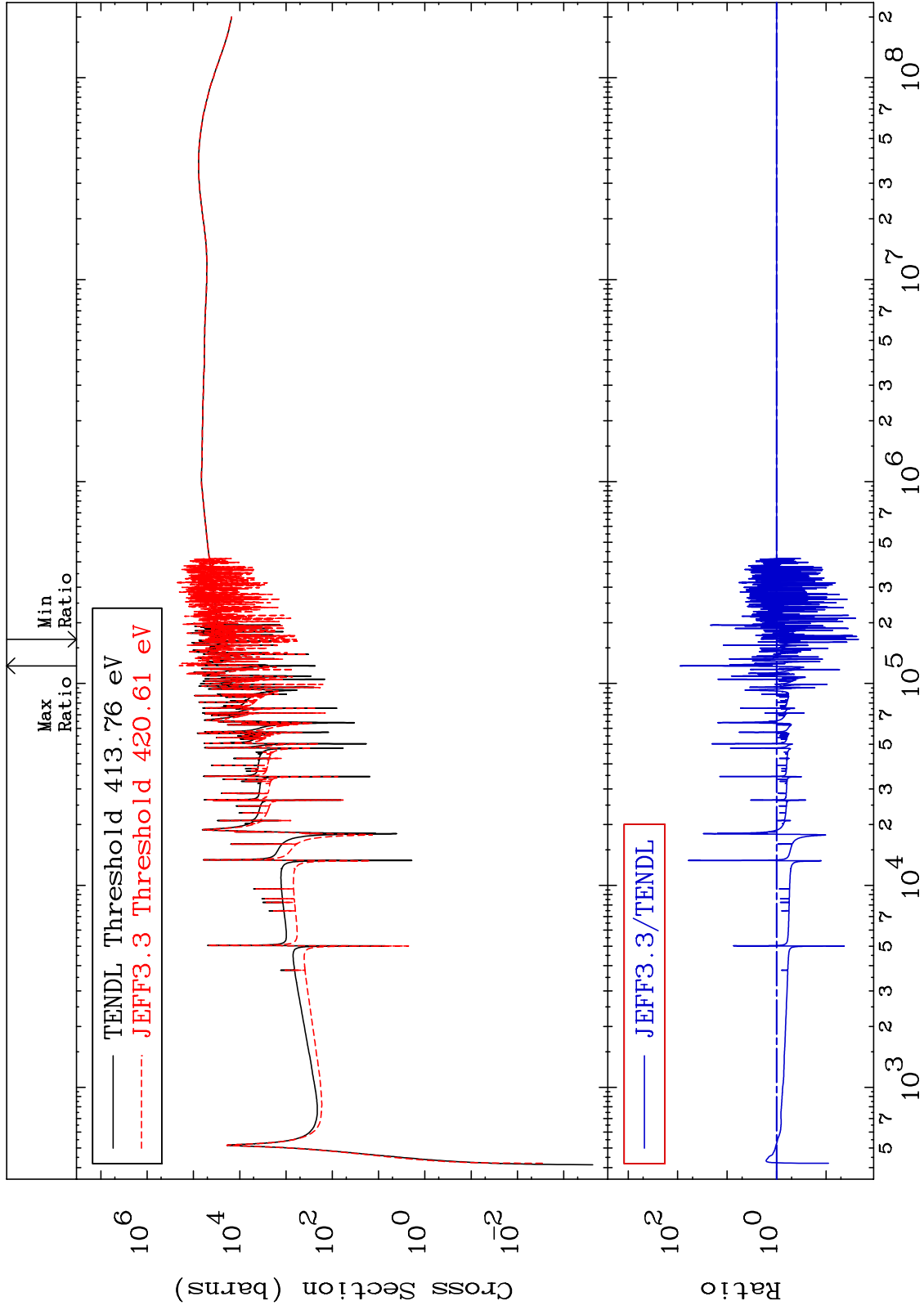
Incident Energy (eV)

30-Zn-68

MAT 3037

Dpa elastic (mt2)  
Cross Section

30-Zn-68  
-97.77 To 8854. %



77

Incident Energy (eV)

30-Zn-68

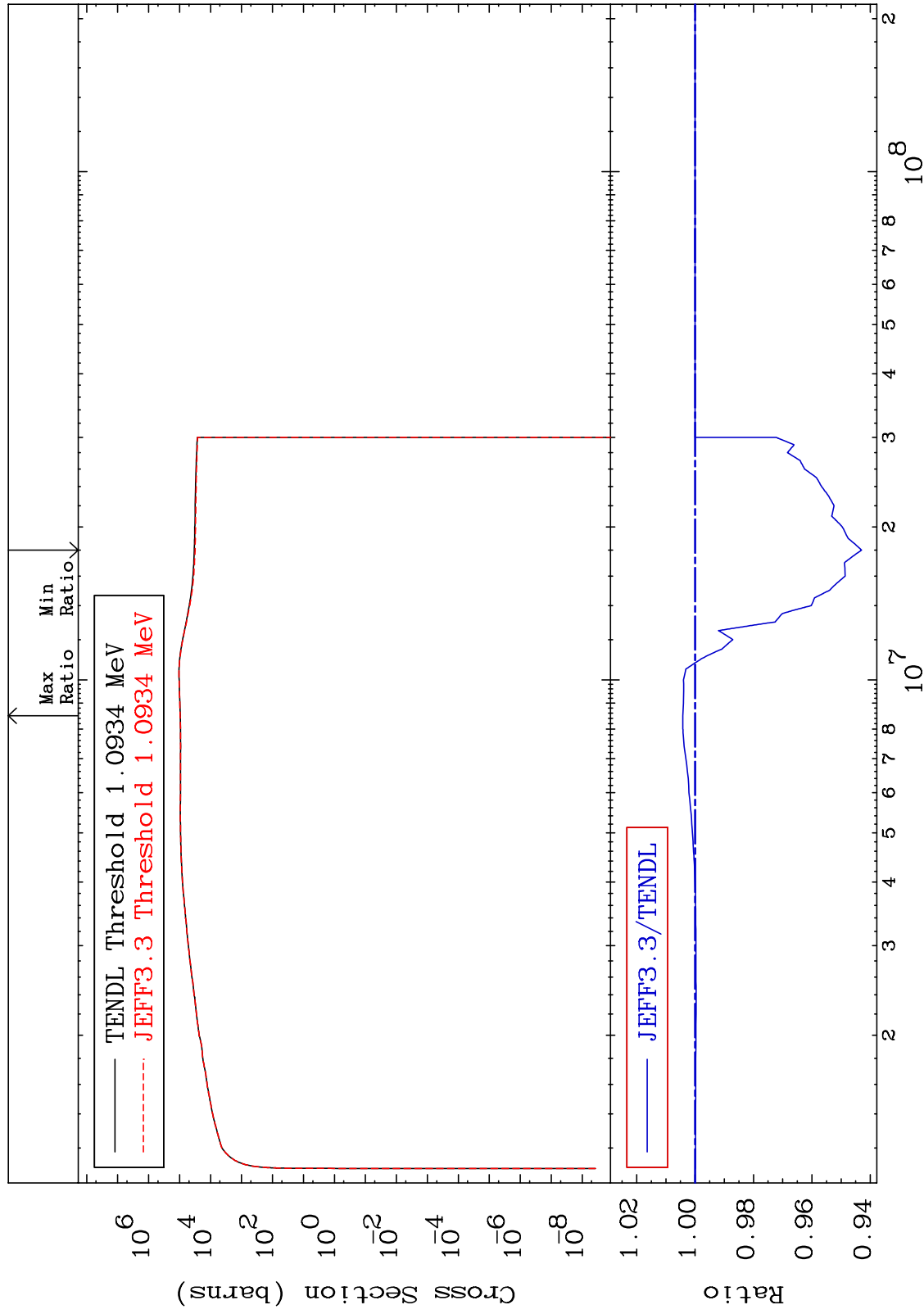
MAT 3037

Dpa inelastic (mt51-91)

30-Zn-68

-5.701 To 0.418 %

Cross Section



78

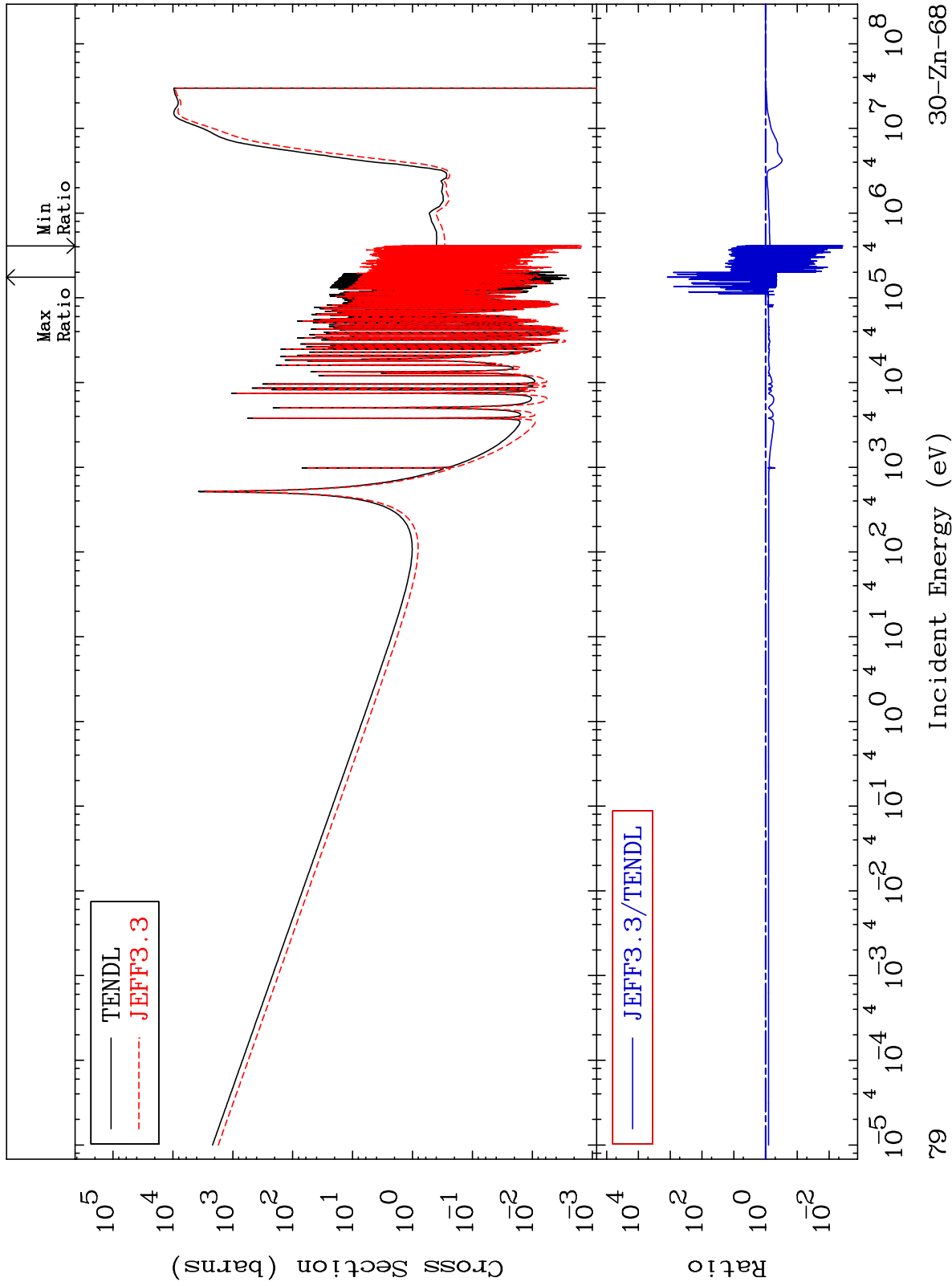
Incident Energy (eV)

30-Zn-68

MAT 3037

Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-68  
-99.63 To 9999. %



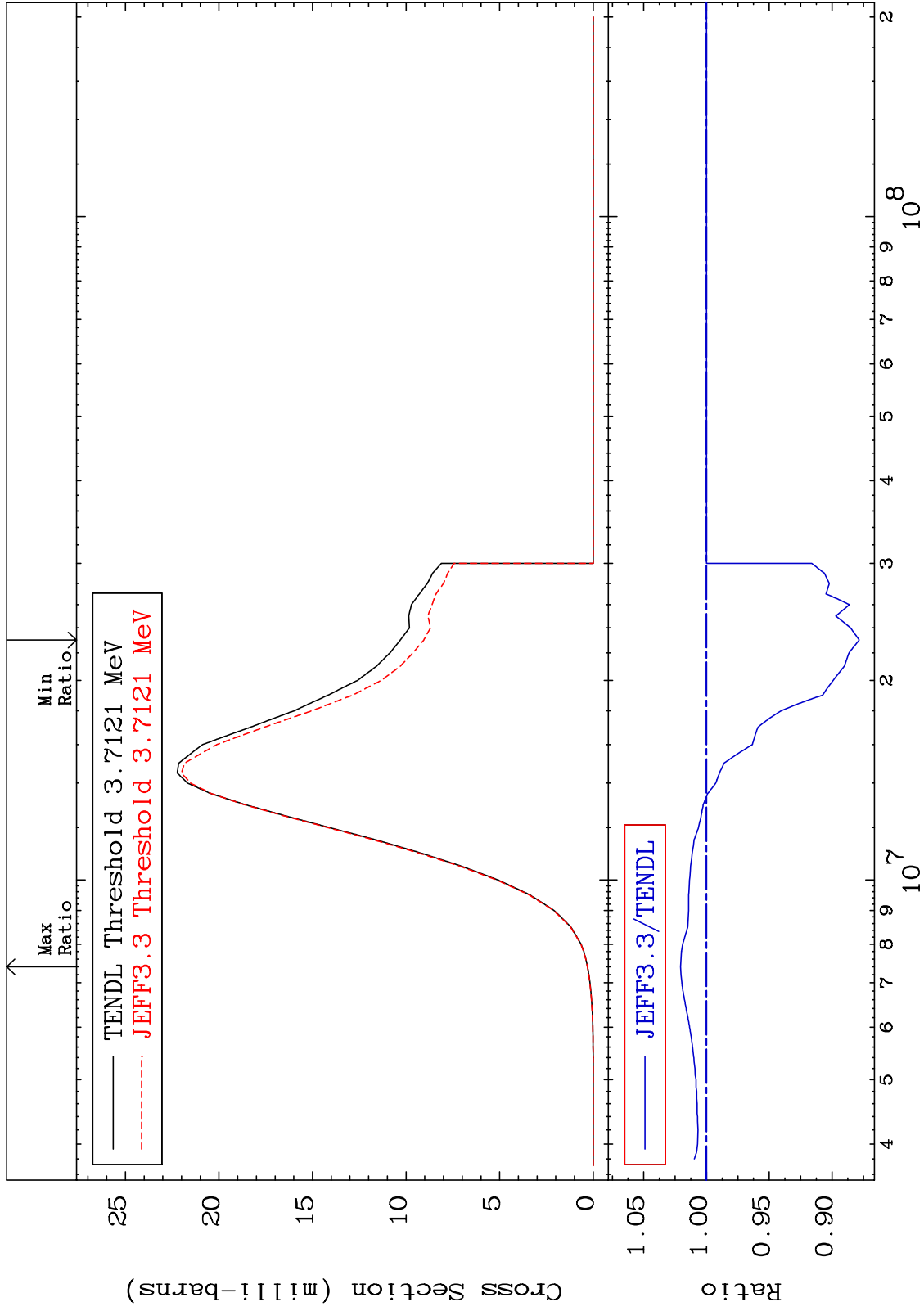


MAT 3037

(n, p) : 29-Cu-68g

30-Zn-68

Radionuclide Production Cross Section -12.16 To 2.061 %



80

Incident Energy (eV)

30-Zn-68

MAT 3037

(n,p):29-Cu-68m3

30-Zn-68

Radionuclide Production Cross Section -8.631 To 3.981 %

