

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

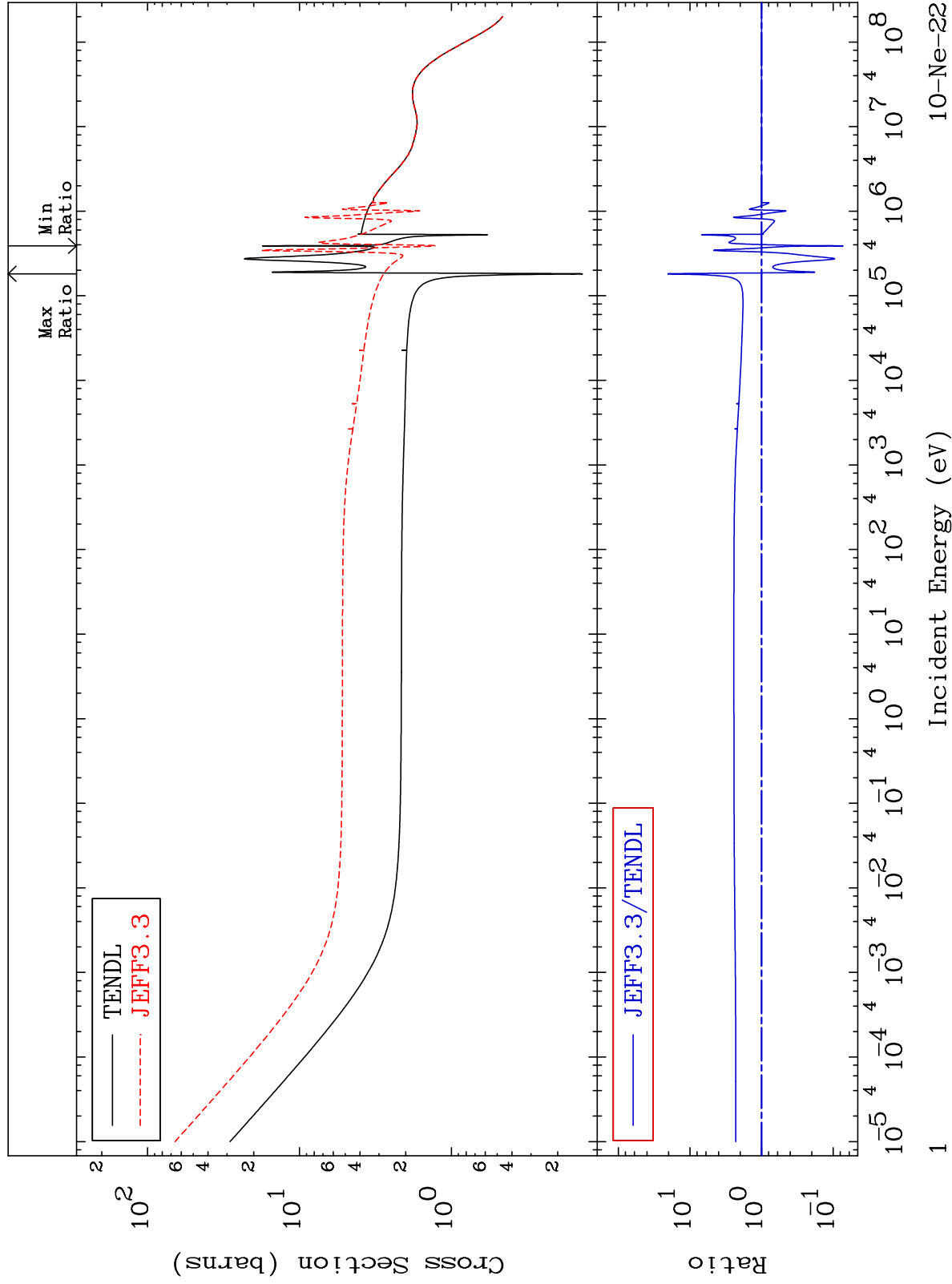
MAT 1031

Total

10-Ne-22

Cross Section

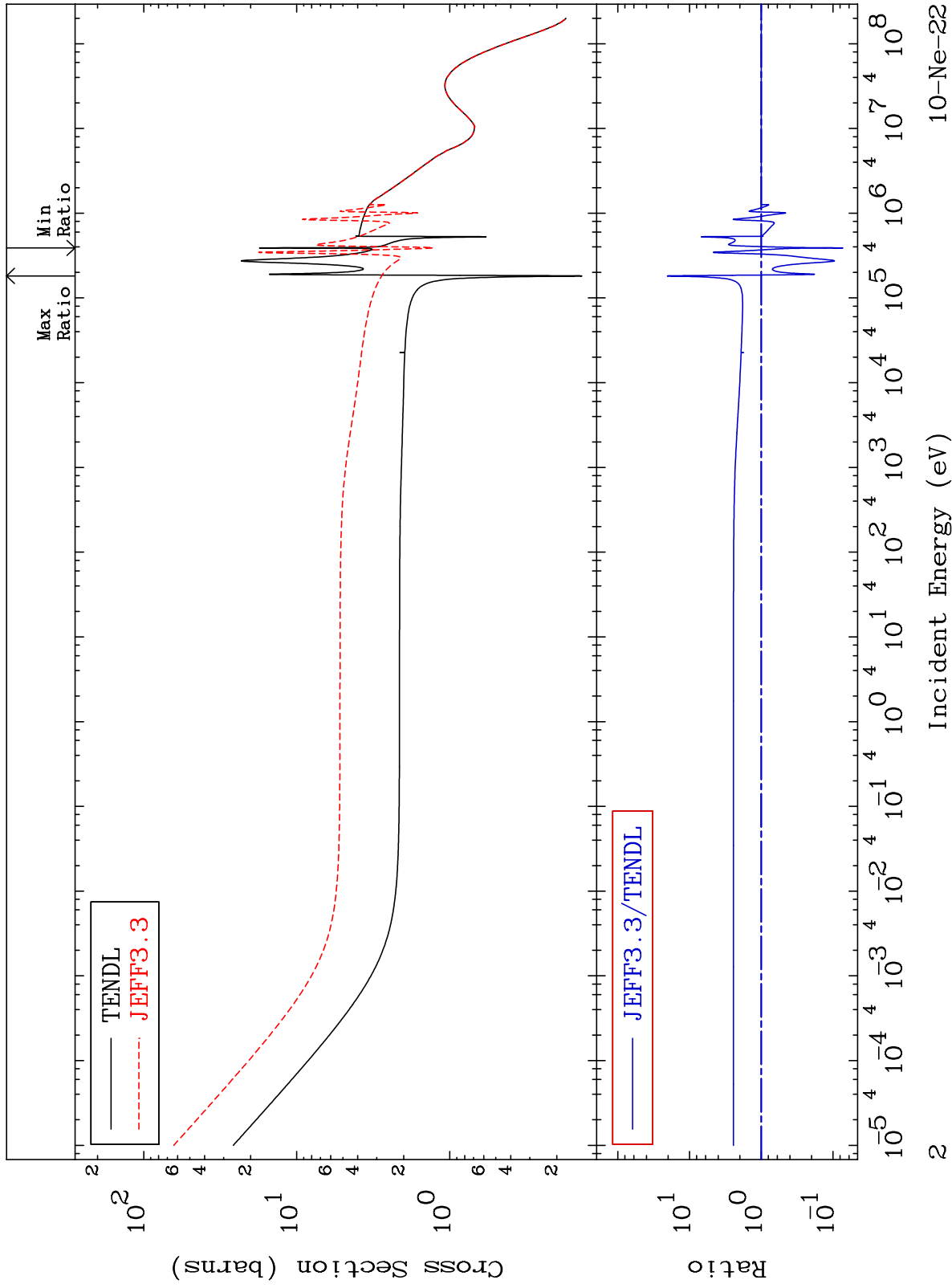
-92.65 To 1930. %



MAT 1031

Elastic  
Cross Section

10-Ne-22  
-92.65 To 1931. %

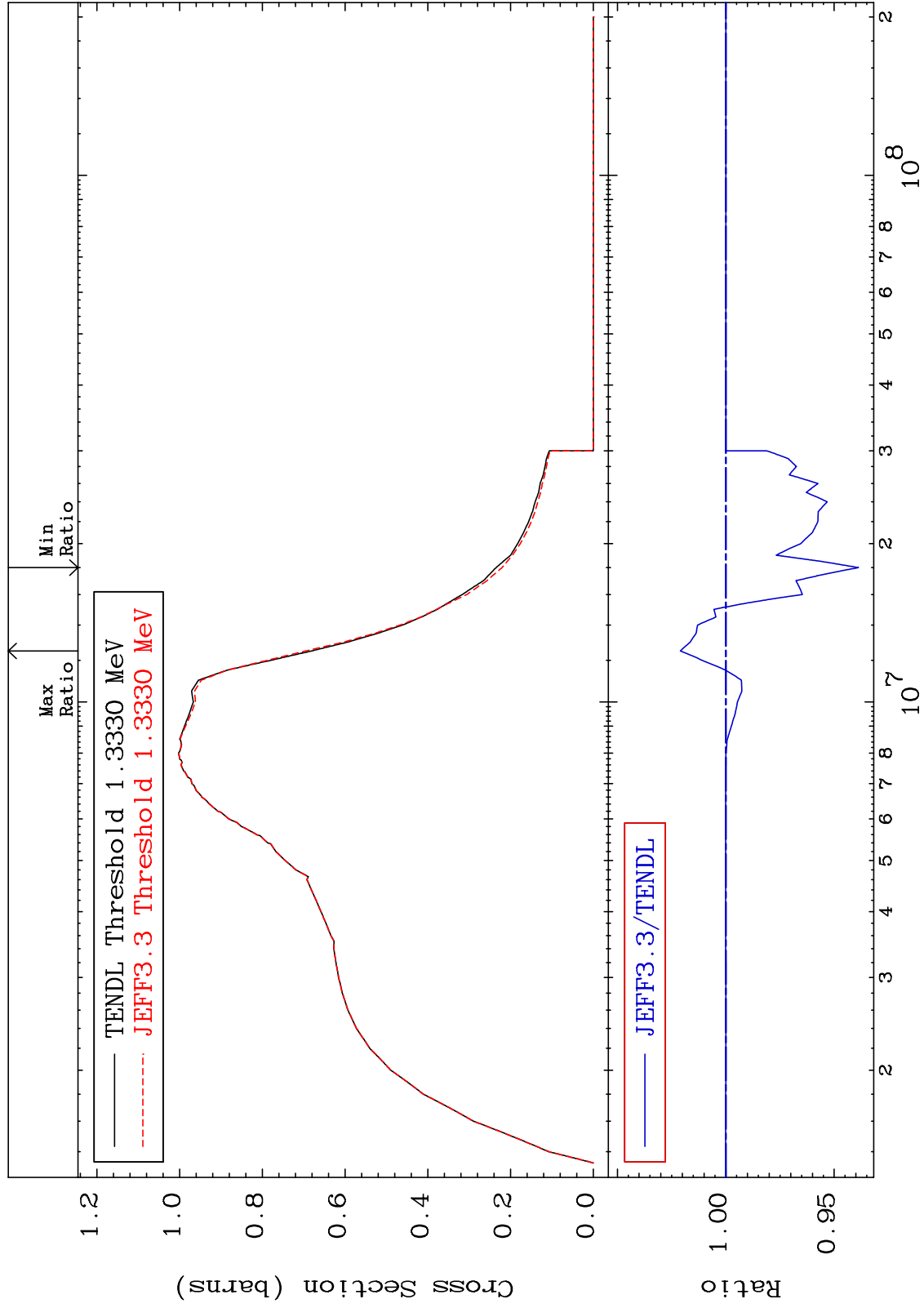


MAT 1031

10-Ne-22

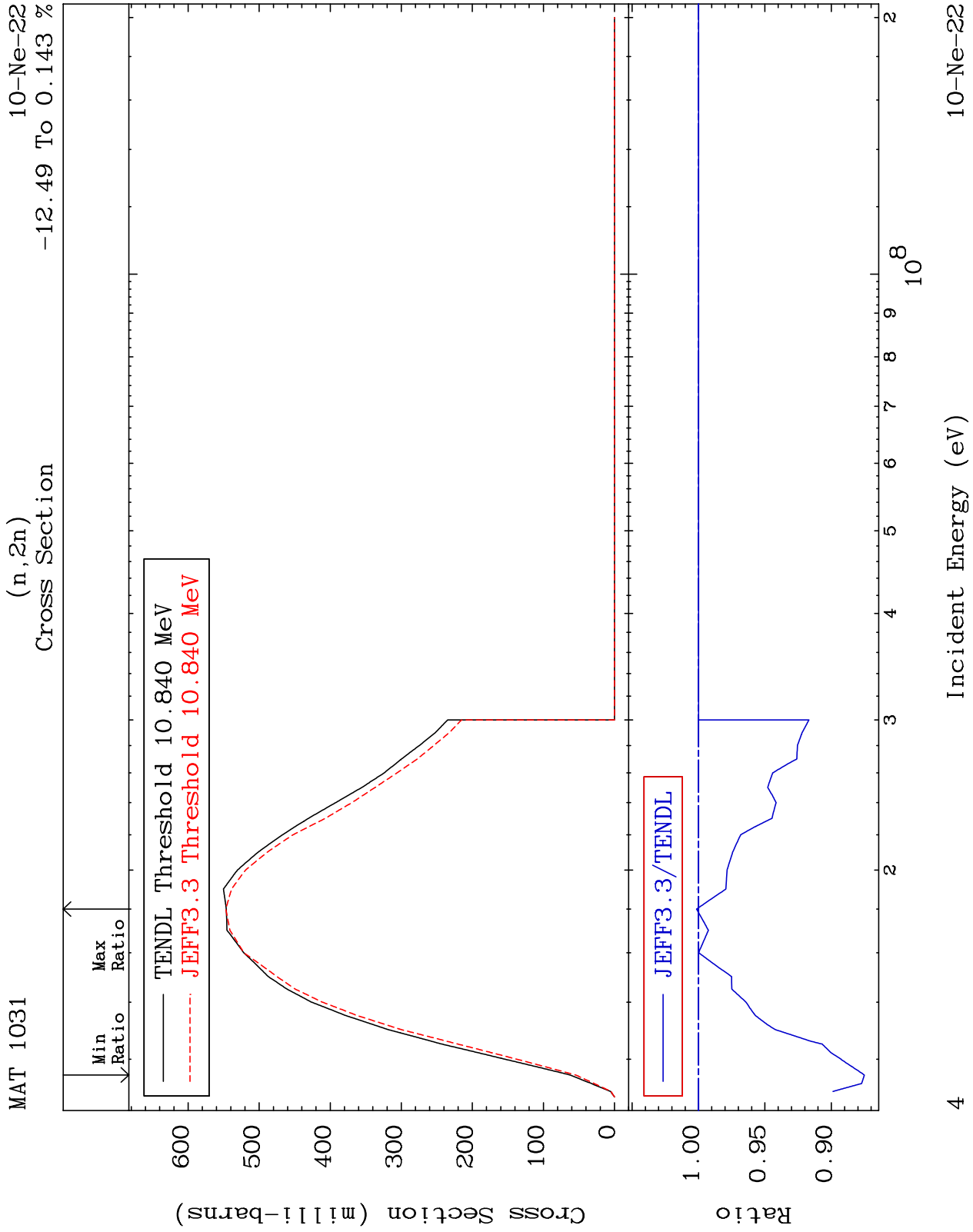
-6.122 To 2.092 %

Inelastic  
Cross Section



10-Ne-22

Incident Energy (eV)



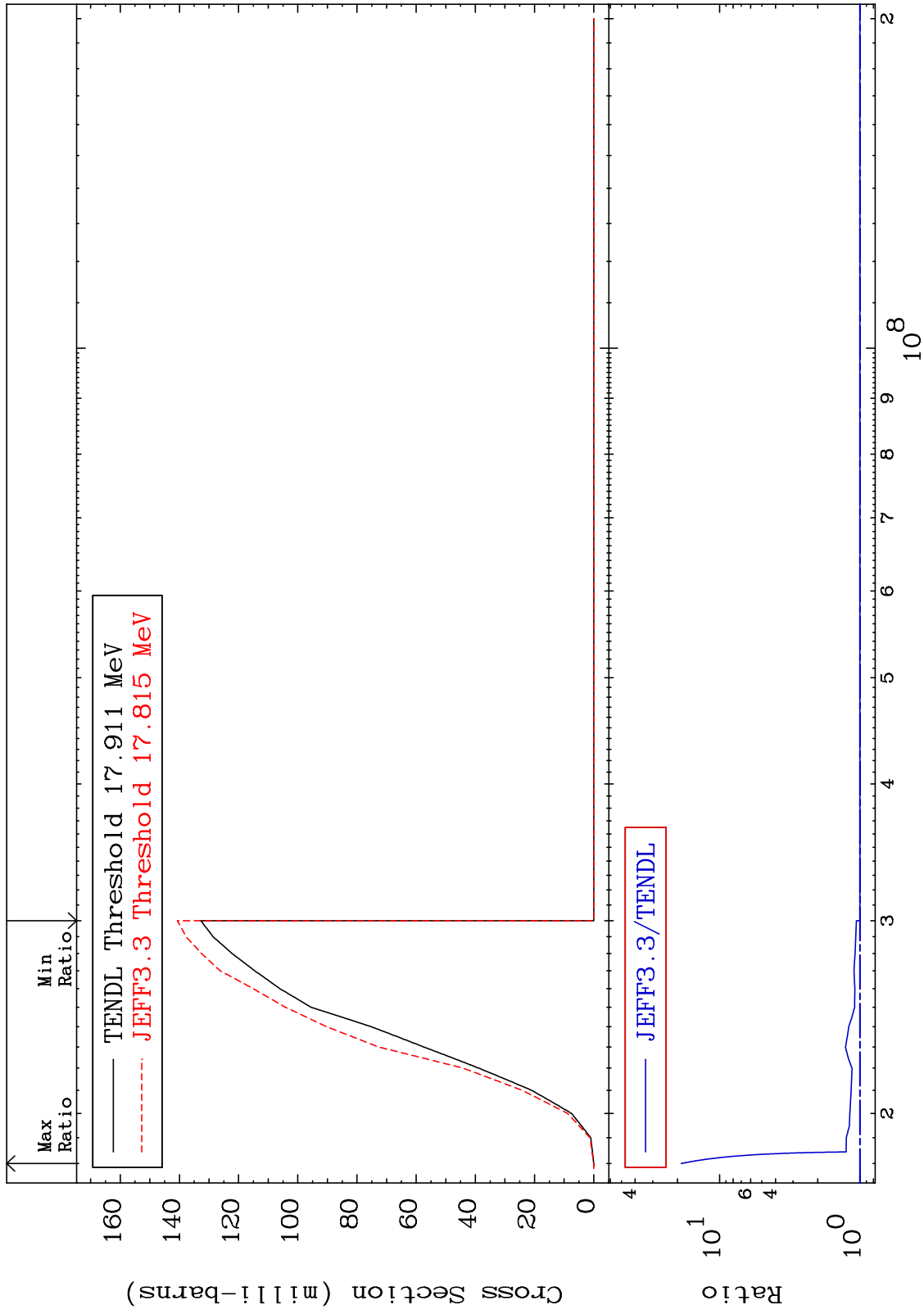
MAT 1031

(n,3n)

10-Ne-22

Cross Section

0.000 To 1777. %



5

Incident Energy (eV)

10-Ne-22

MAT 1031

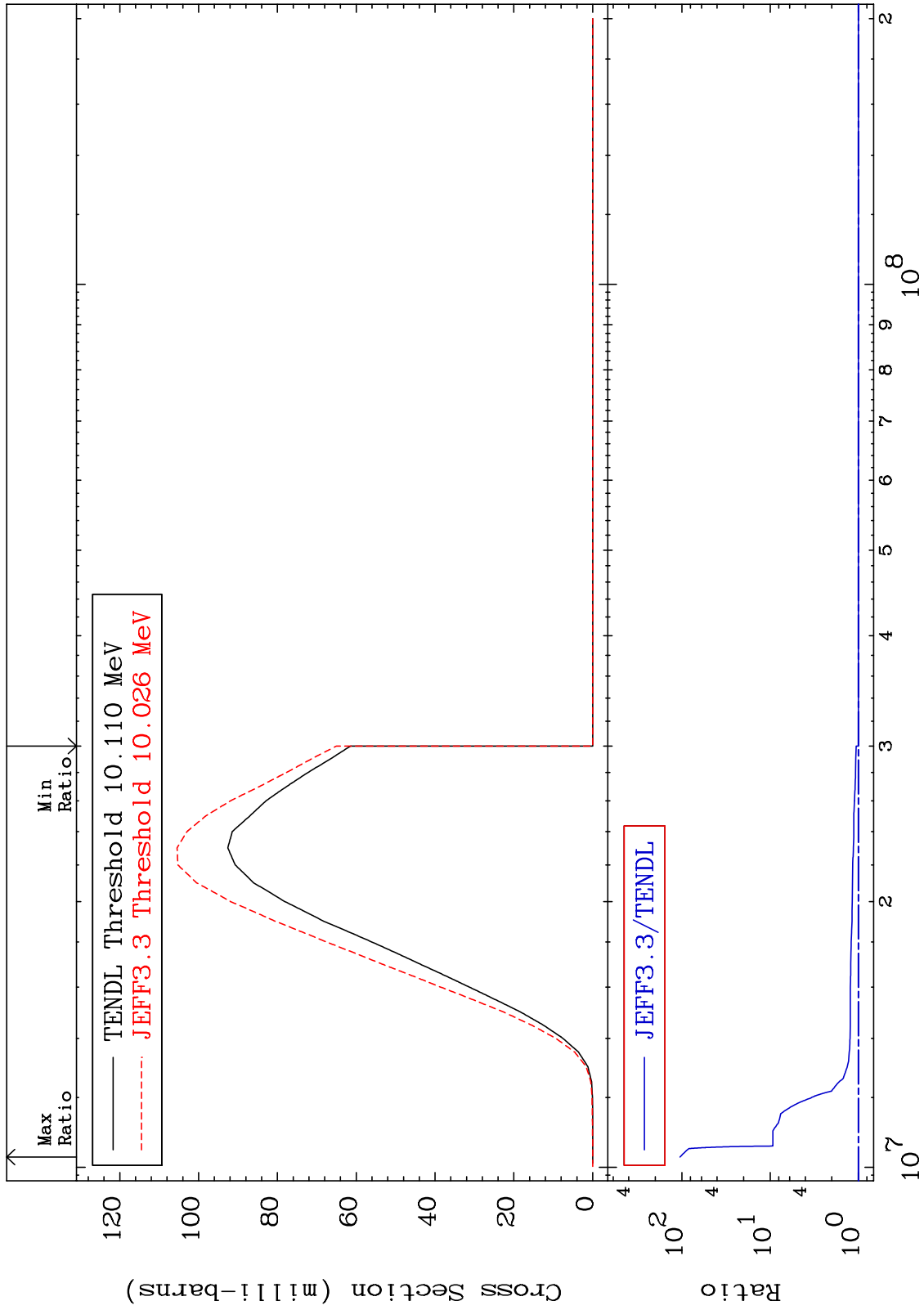
(n,n')  $\alpha$

10-Ne-22

Cross Section

0.000

To 9999. %



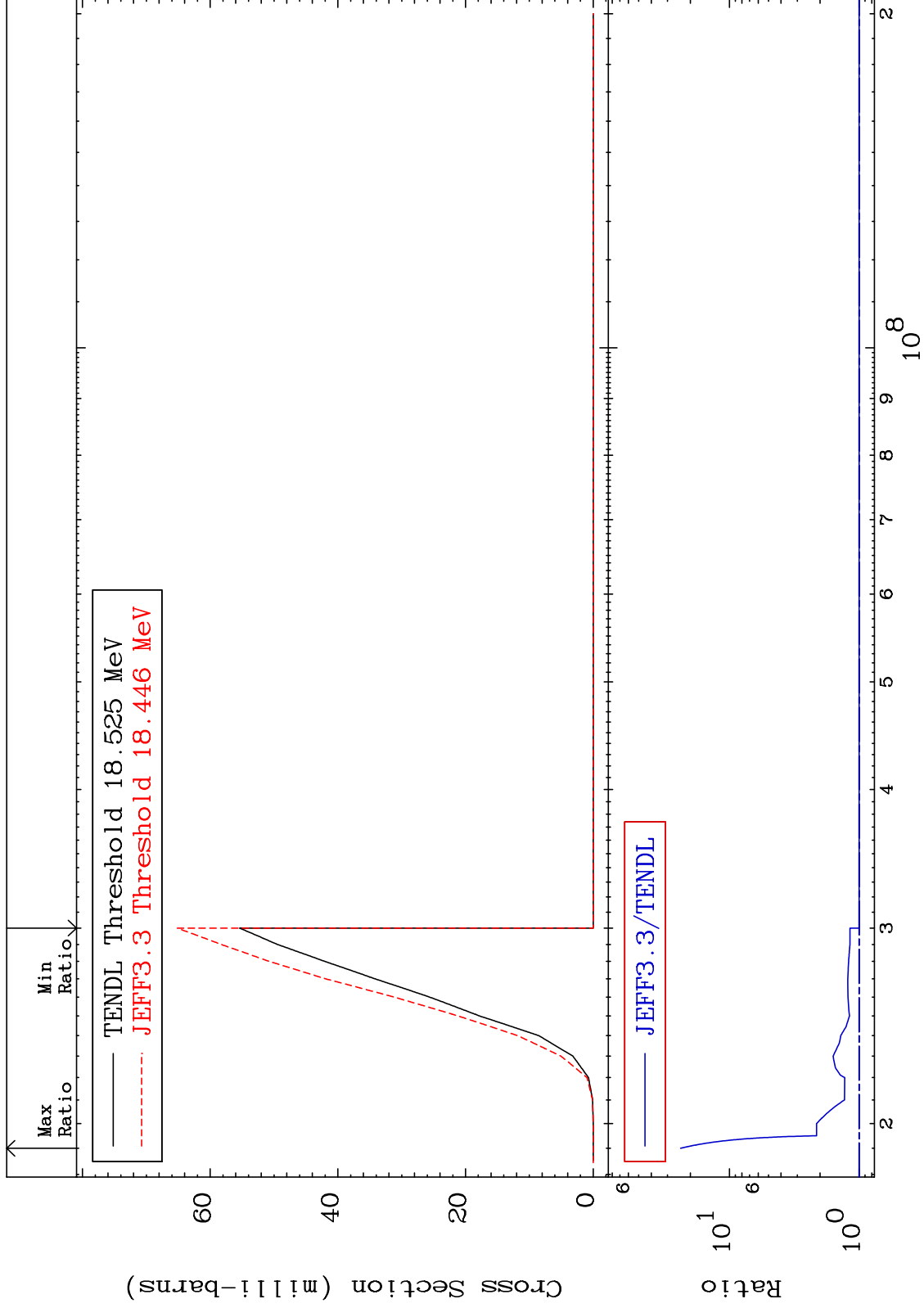
Incident Energy (eV)

10-Ne-22

MAT 1031

(n,2n)  $\alpha$   
Cross Section

10-Ne-22  
0.000 To 2278. %





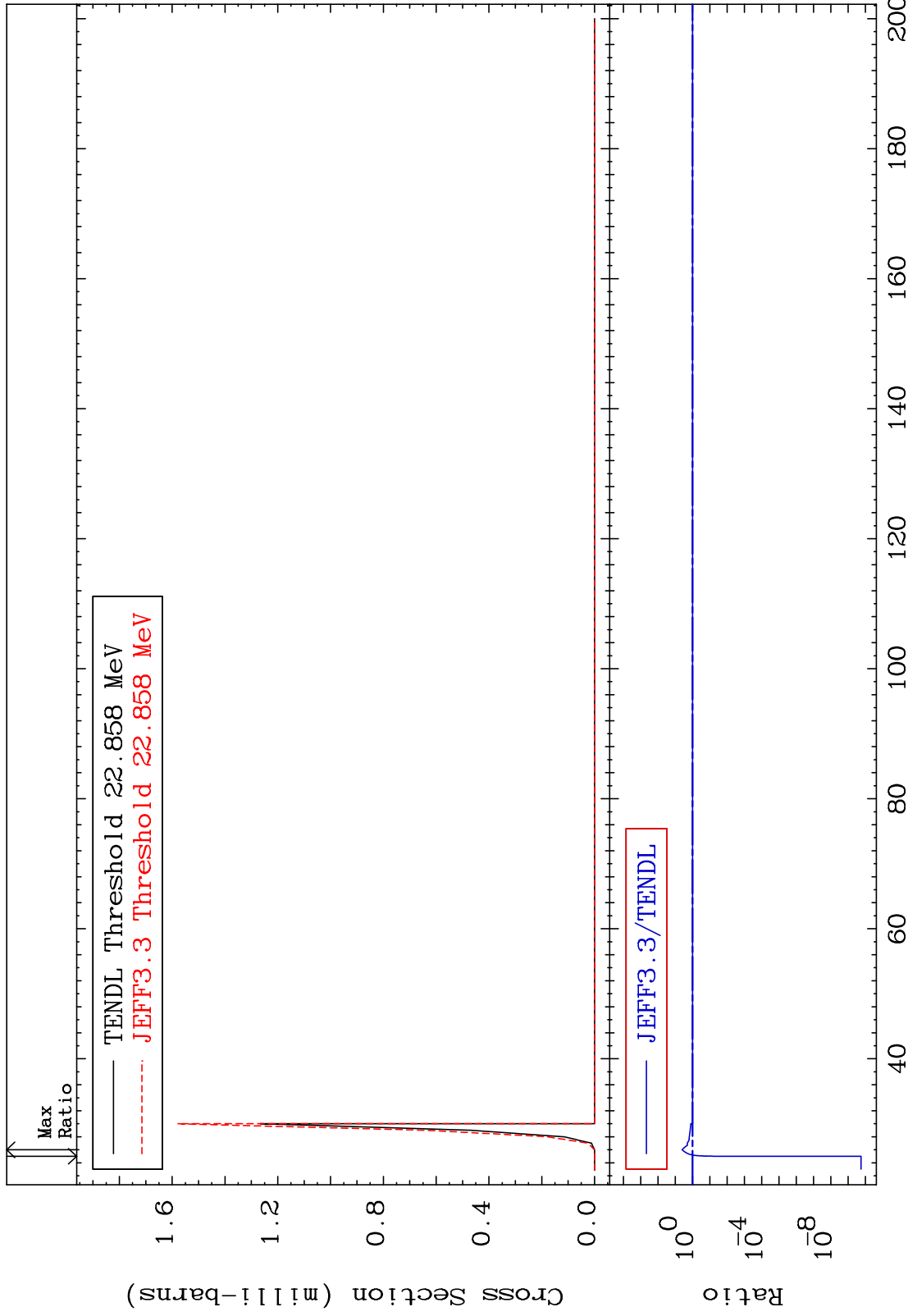
MAT 1031

(n, 3n)  $\alpha$

10-Ne-22

Cross Section

-100.0 To 298.2 %



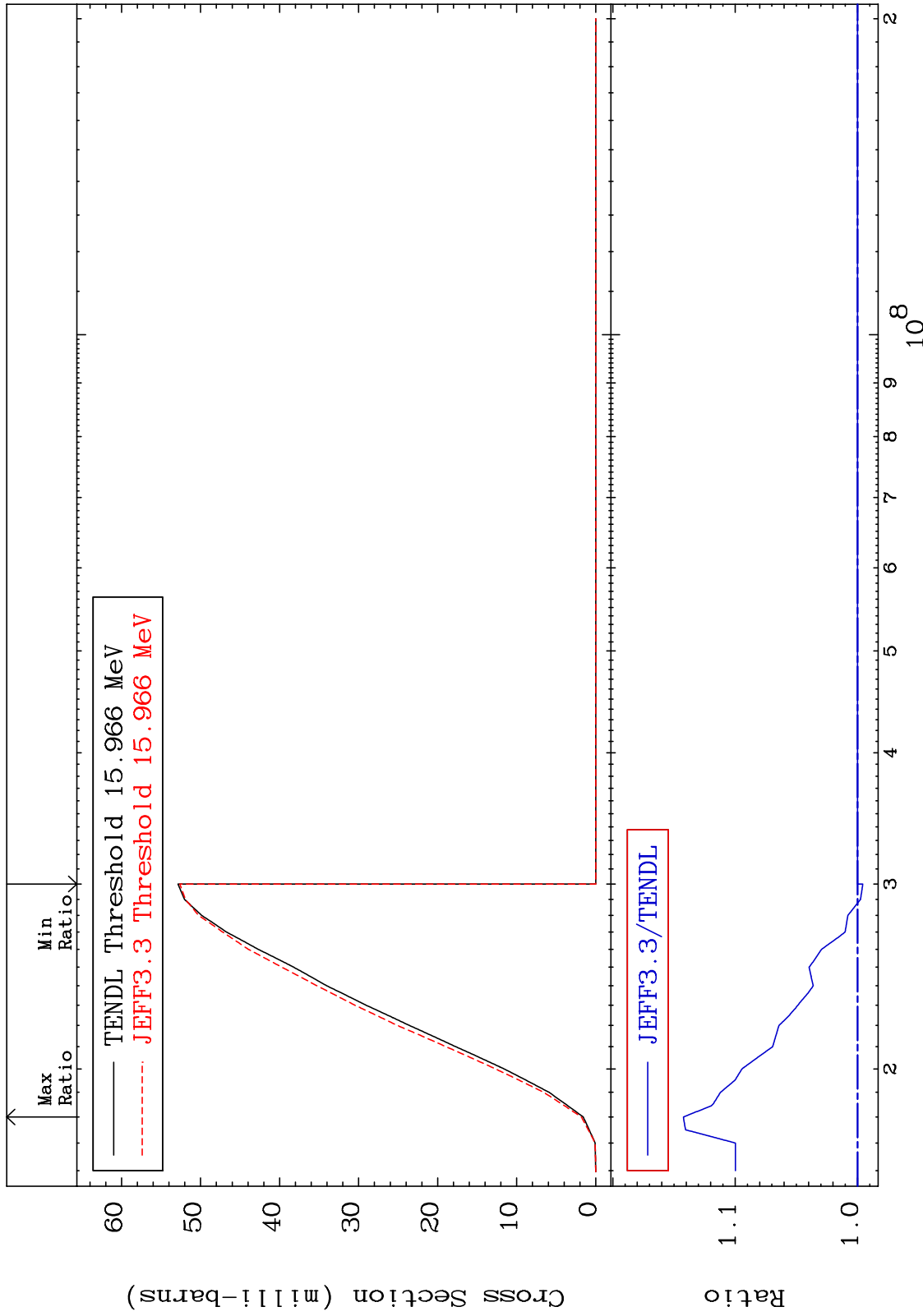
MAT 1031

(n,n') p

10-Ne-22

Cross Section

-0.431 To 14.22 %



9

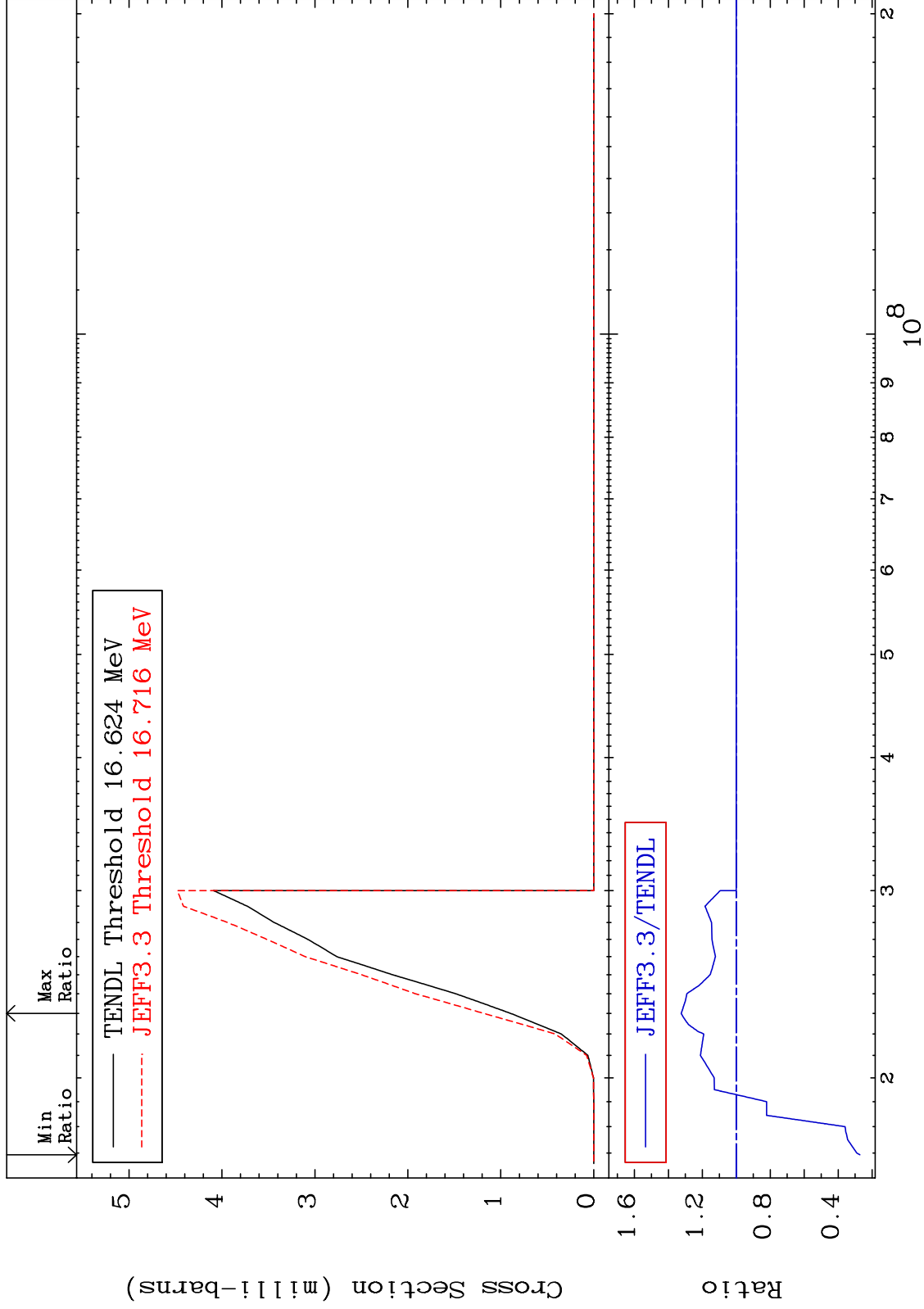
Incident Energy (eV)

10-Ne-22

MAT 1031

(n,n') 2 $\alpha$   
Cross Section

10-Ne-22  
-72.82 To 32.44 %



10

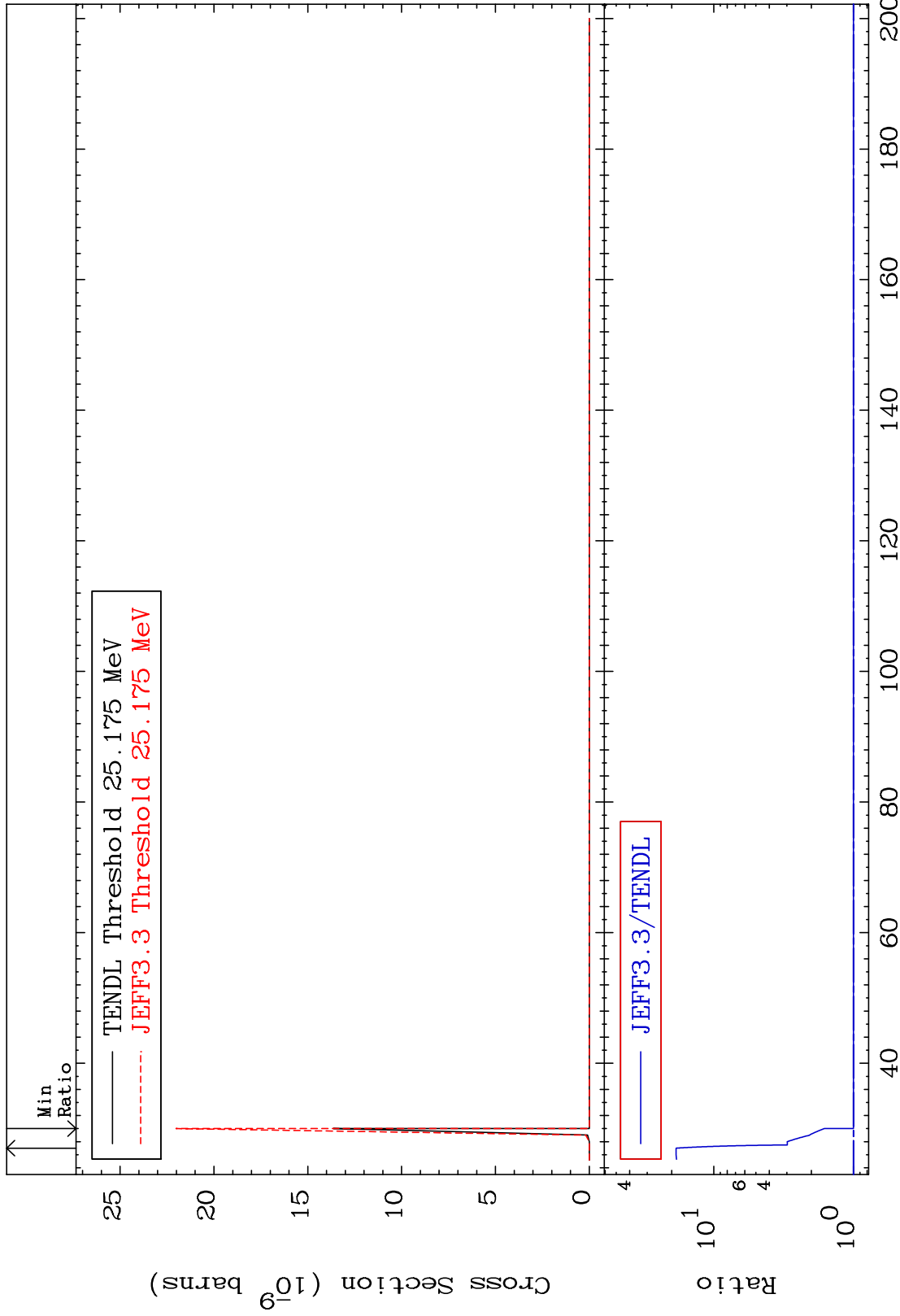
Incident Energy (eV)

10-Ne-22

MAT 1031

(n,2n)  $2\alpha$   
Cross Section

10-Ne-22  
To 1761. %  
0.000



11

Incident Energy (MeV)

10-Ne-22

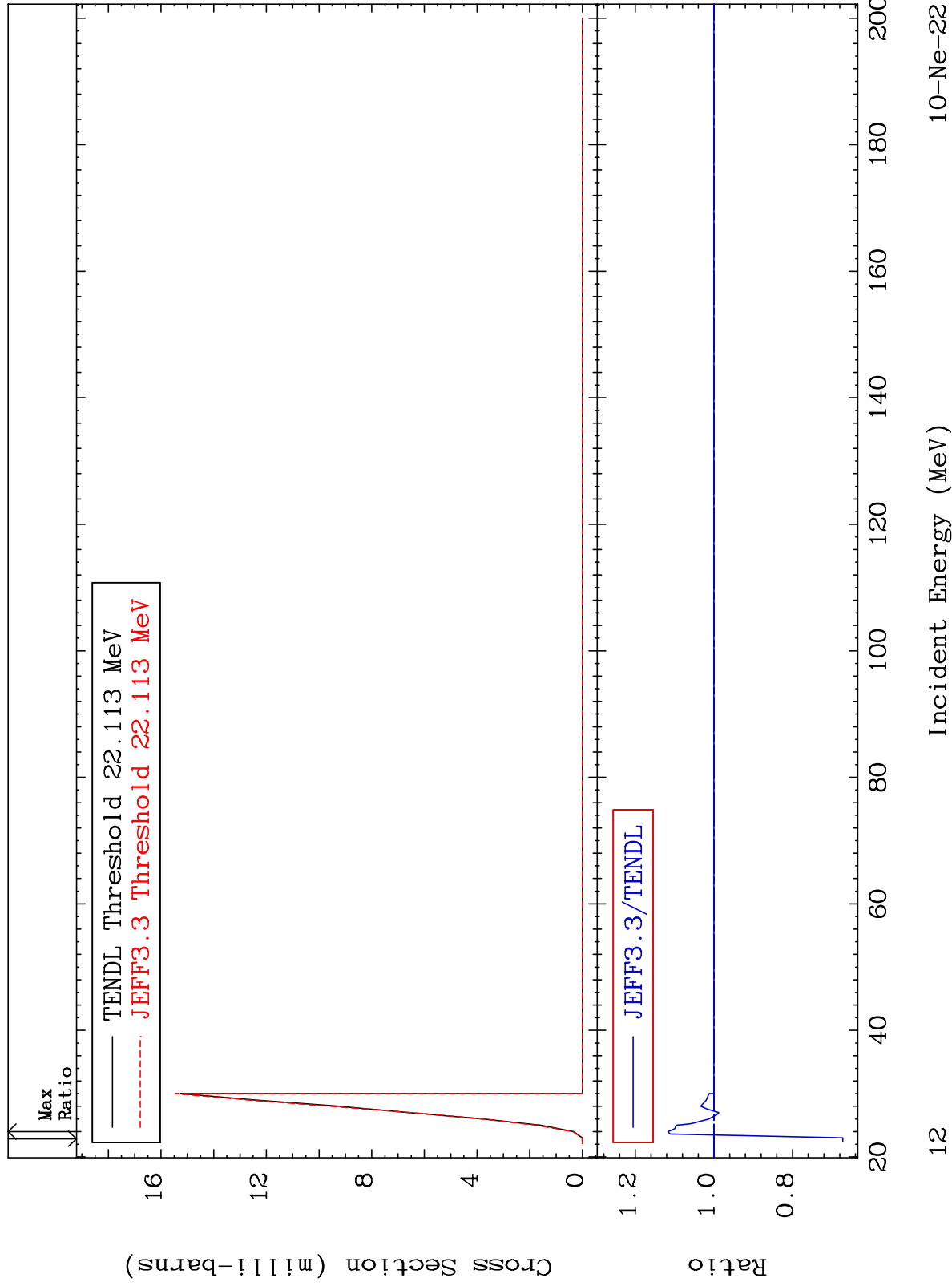
MAT 1031

(n,n') d

10-Ne-22

Cross Section

-32.80 To 11.68 %



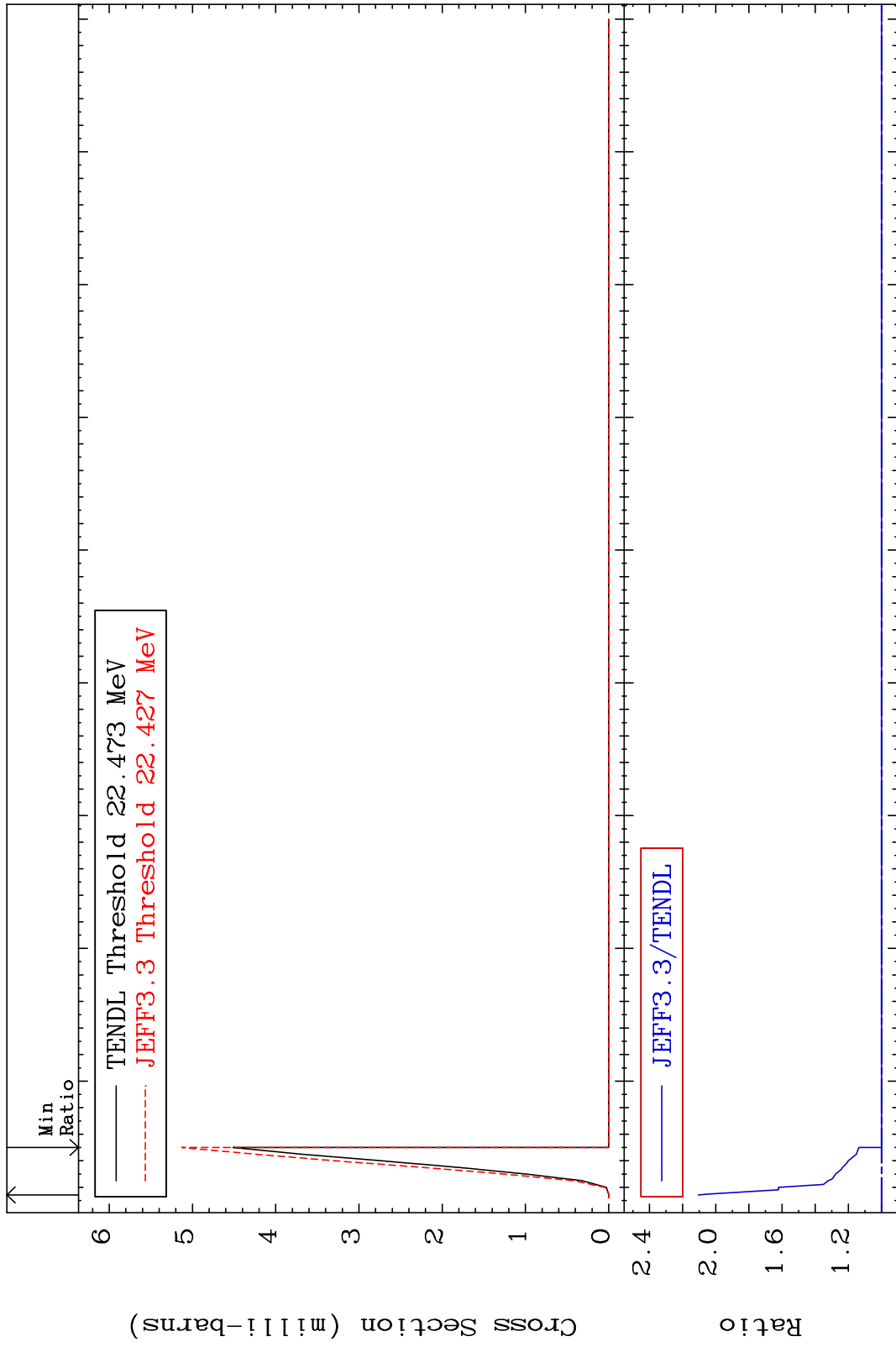
MAT 1031

(n,n') t

10-Ne-22

Cross Section

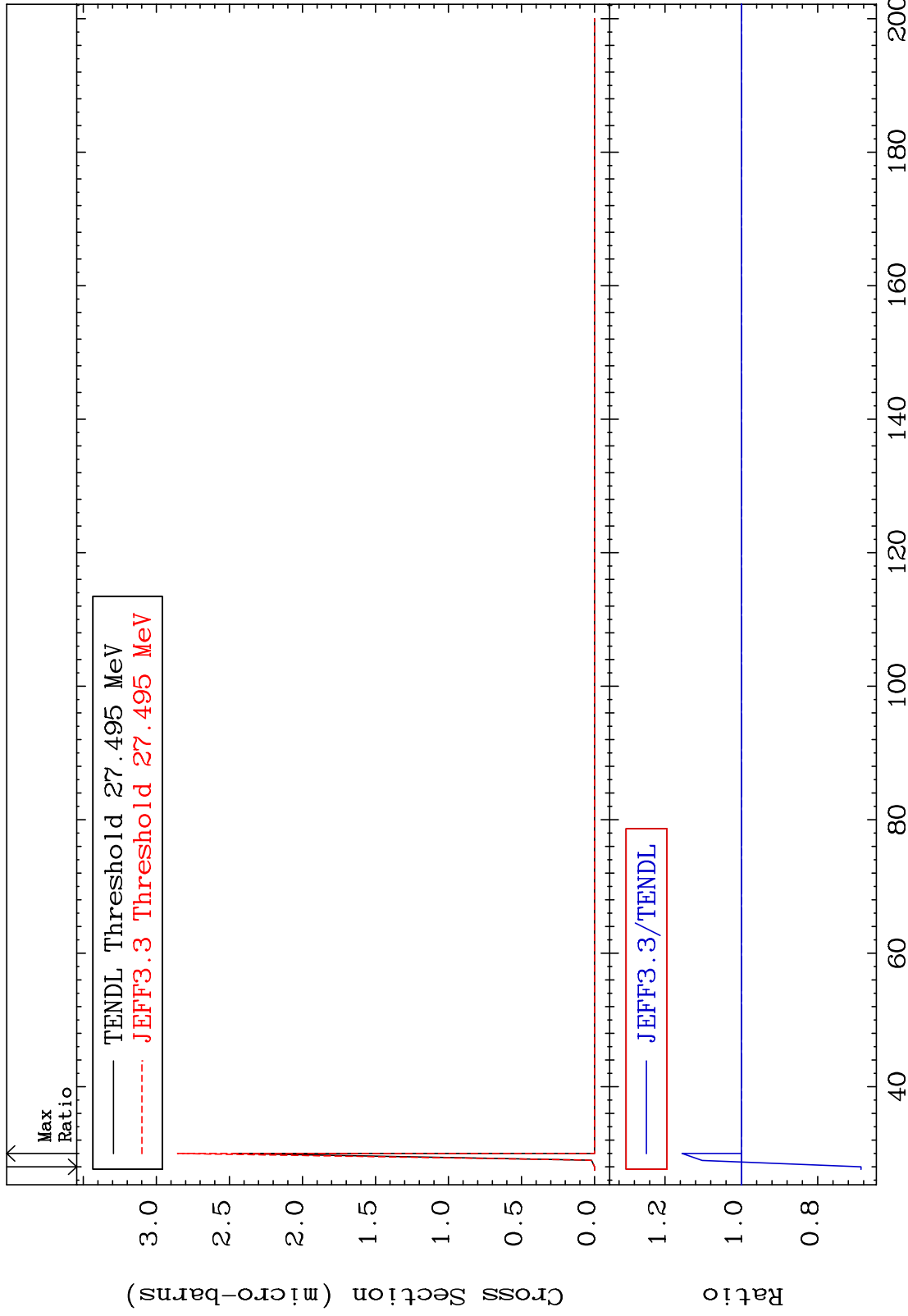
0.000 To 110.5 %



MAT 1031

(n, n') He-3  
Cross Section

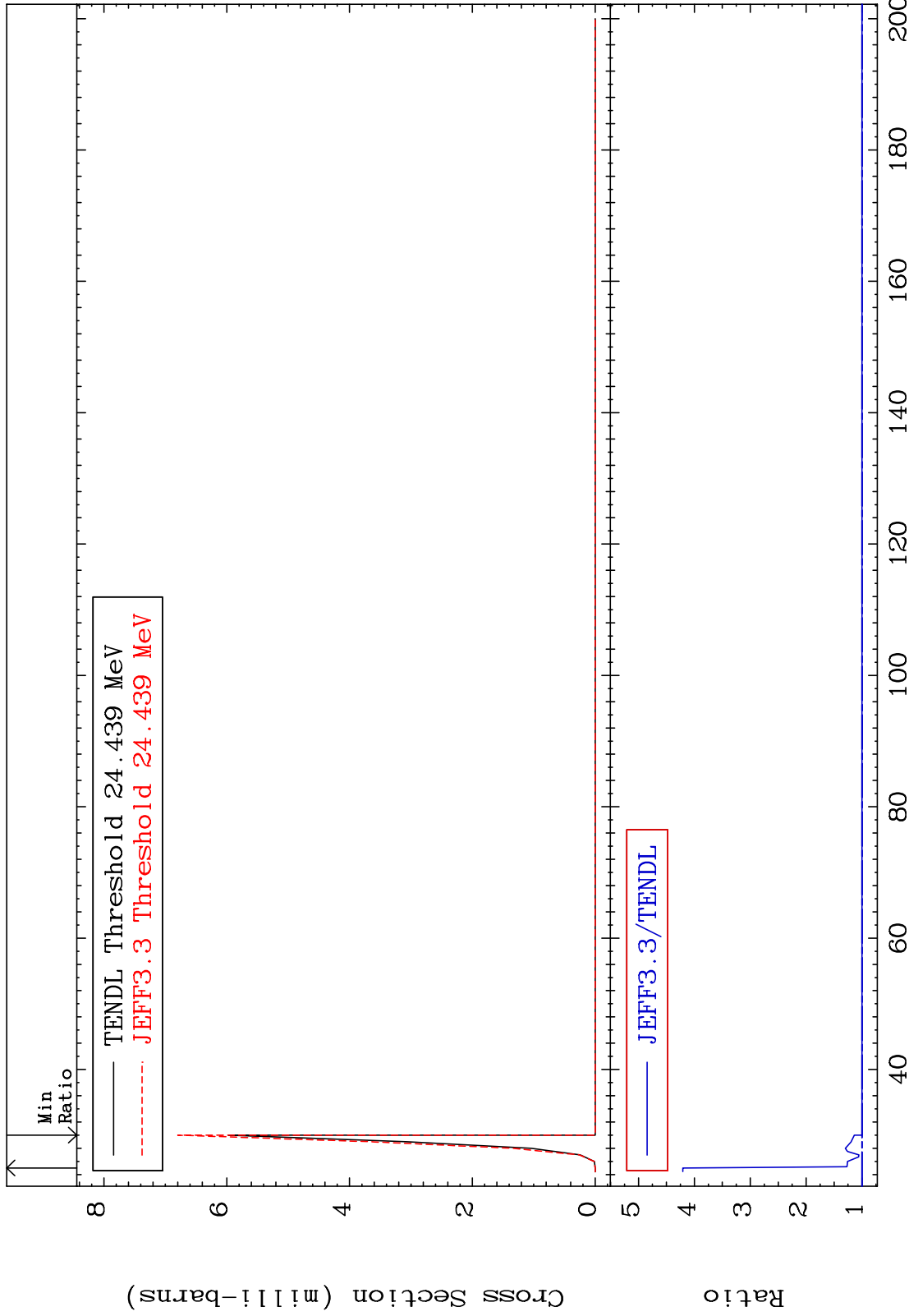
10-Ne-22  
-31.35 To 15.51 %



MAT 1031

(n,2n) p  
Cross Section

10-Ne-22  
0.000 To 320.6 %



15

Incident Energy (MeV)

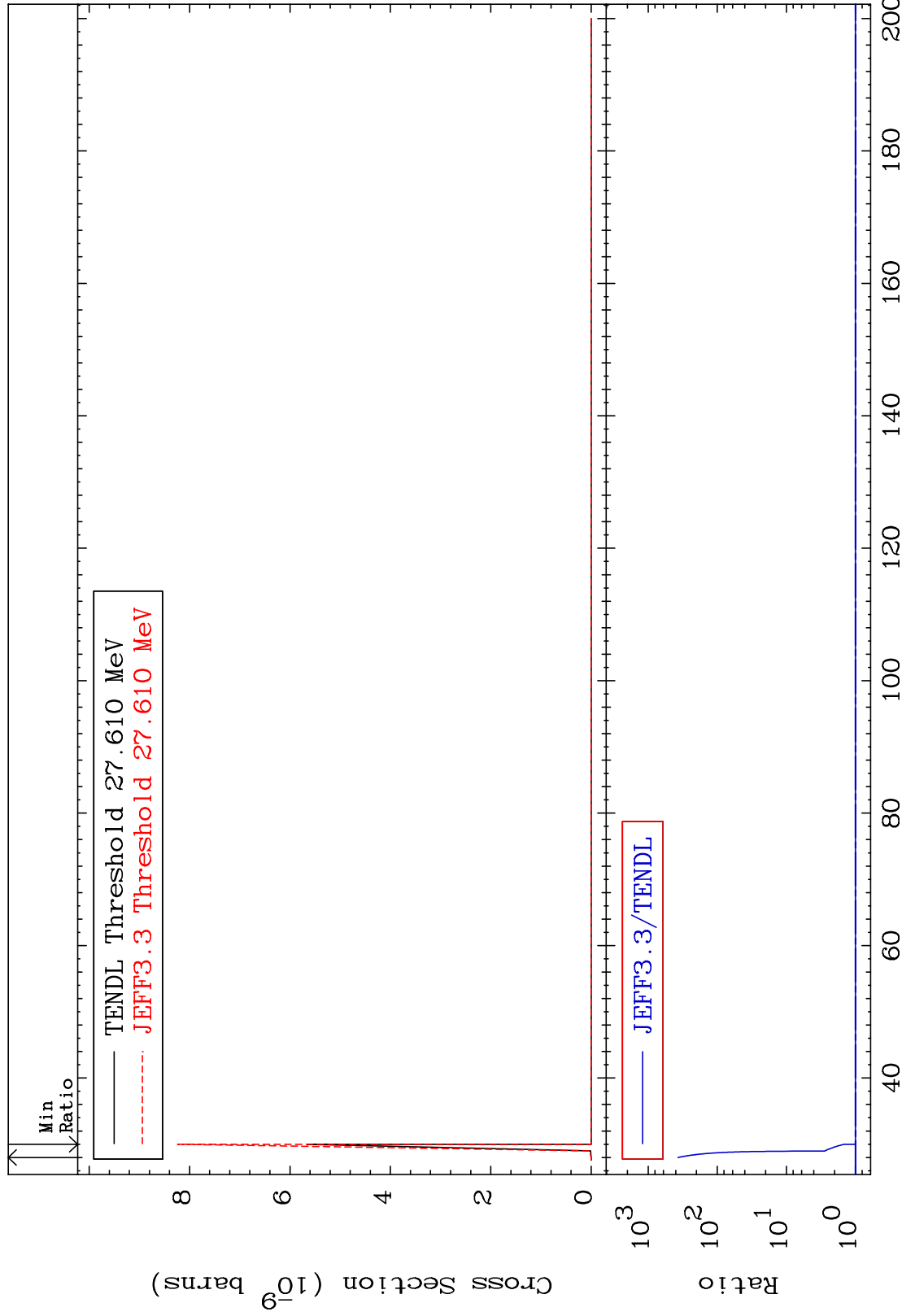
10-Ne-22



MAT 1031

(n,2n) p  
Cross Section

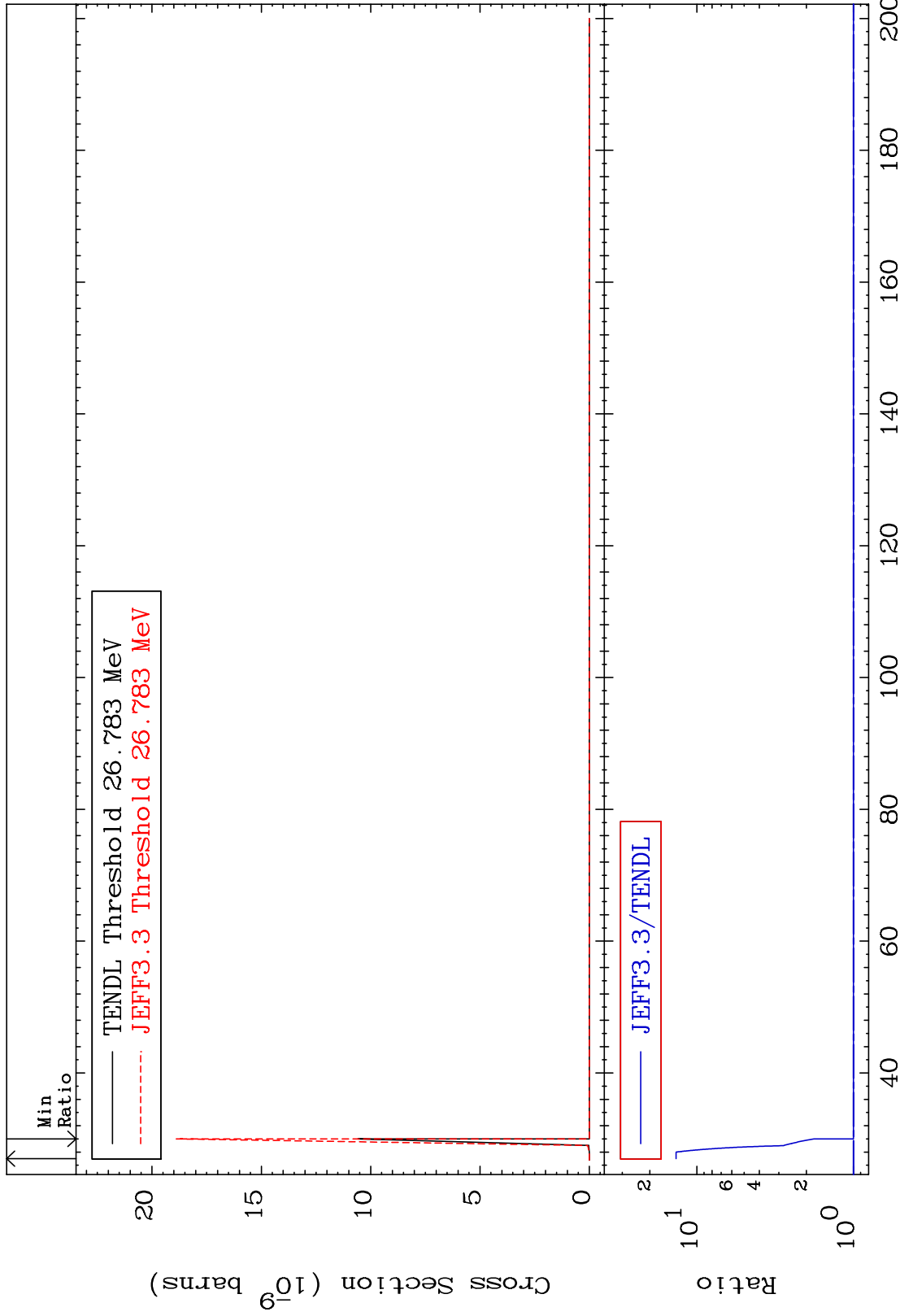
10-Ne-22  
0.000 To 9999. %



MAT 1031

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

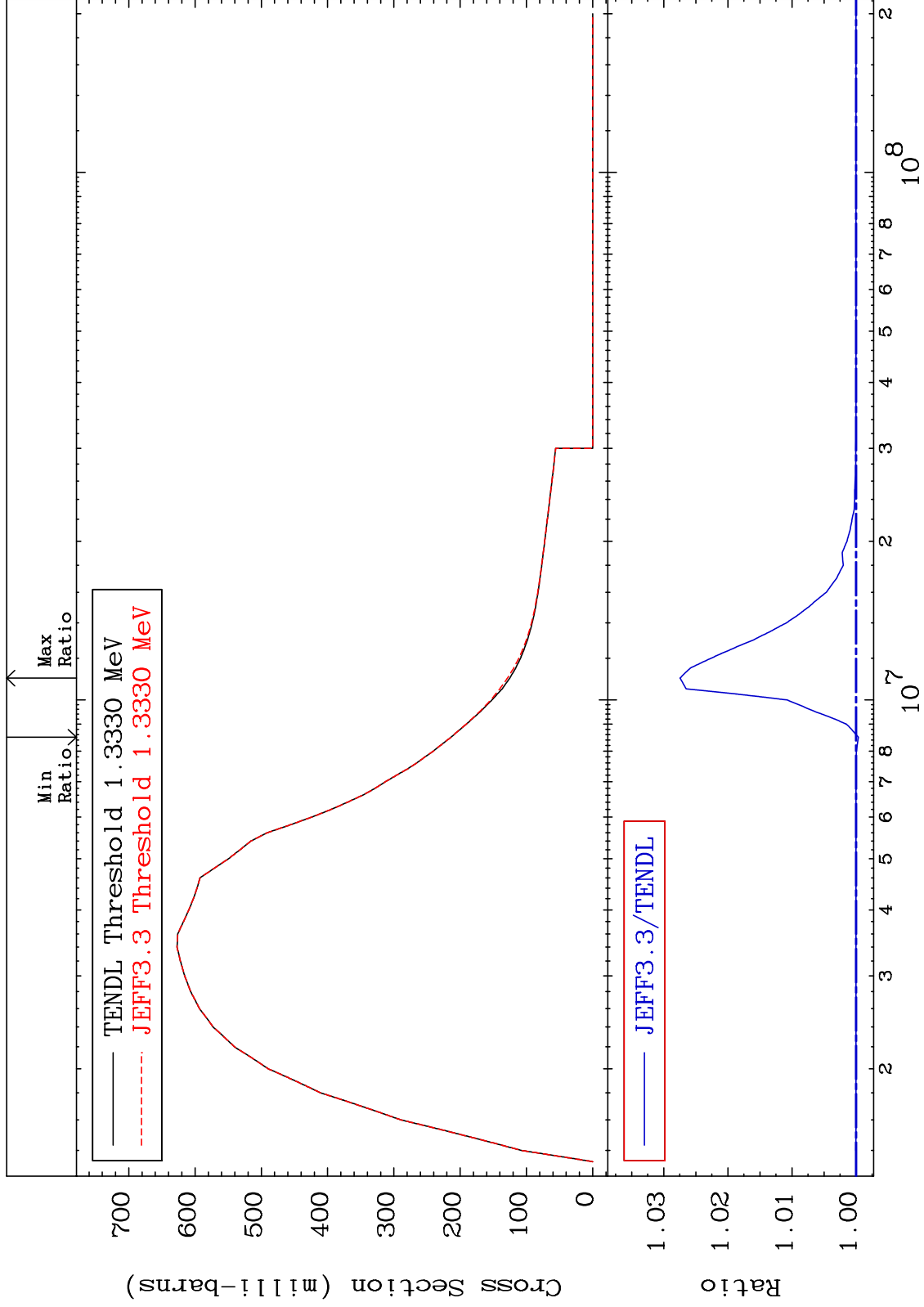
10-Ne-22  
0.000 To 1259. %



MAT 1031

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

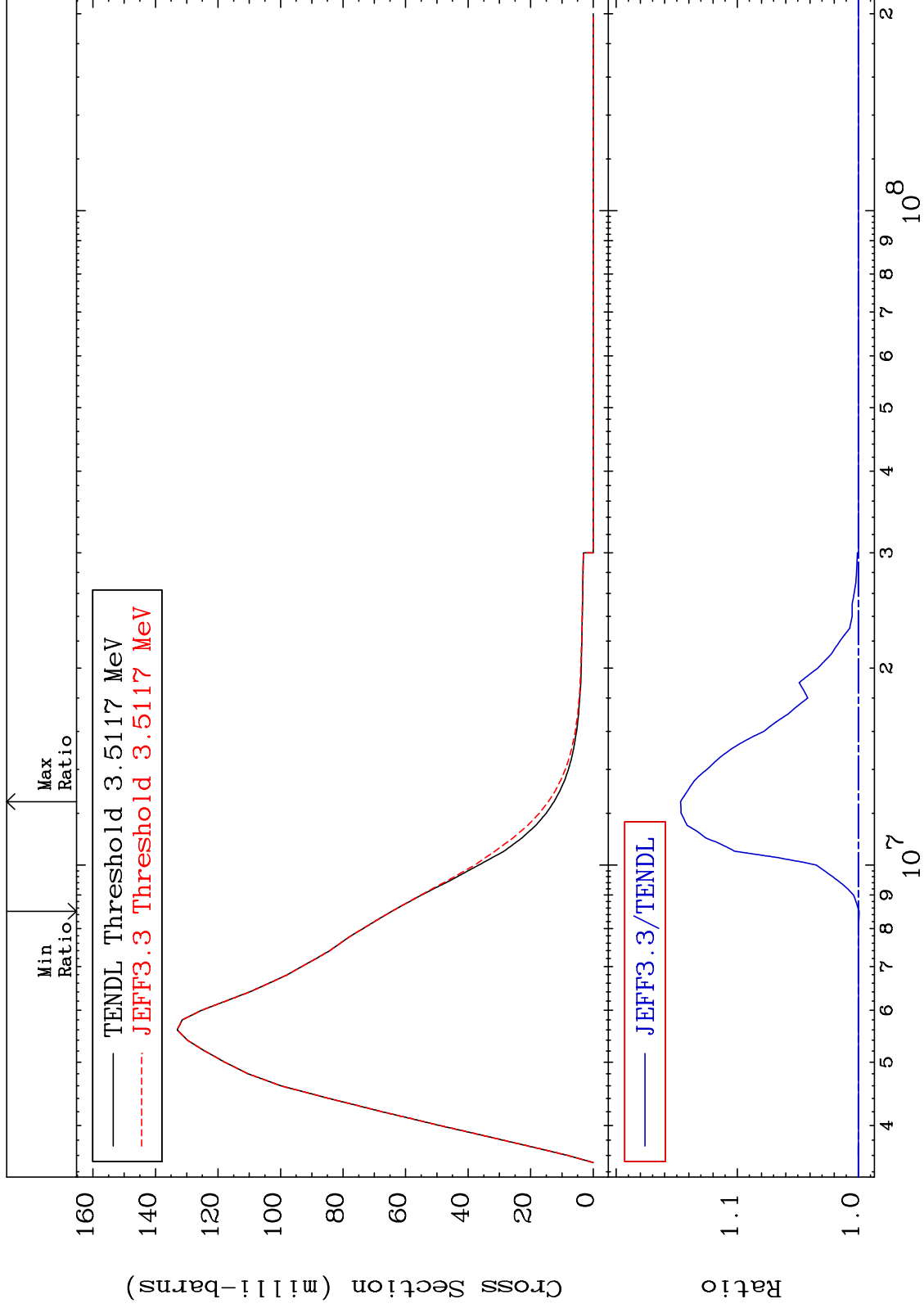
10-Ne-22  
-0.036 To 2.746 %



MAT 1031

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

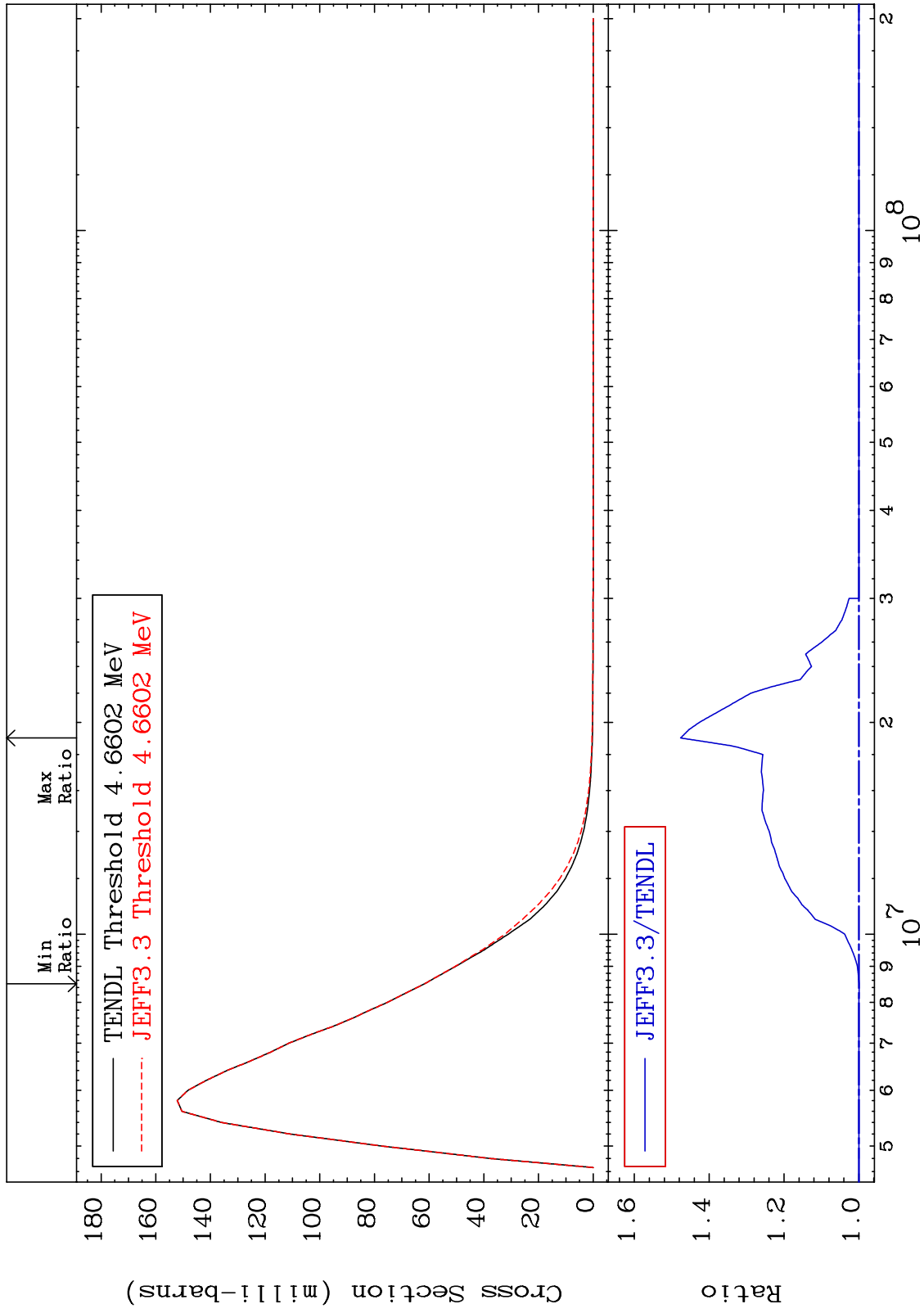
10-Ne-22  
-0.064 To 14.68 %



MAT 1031

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

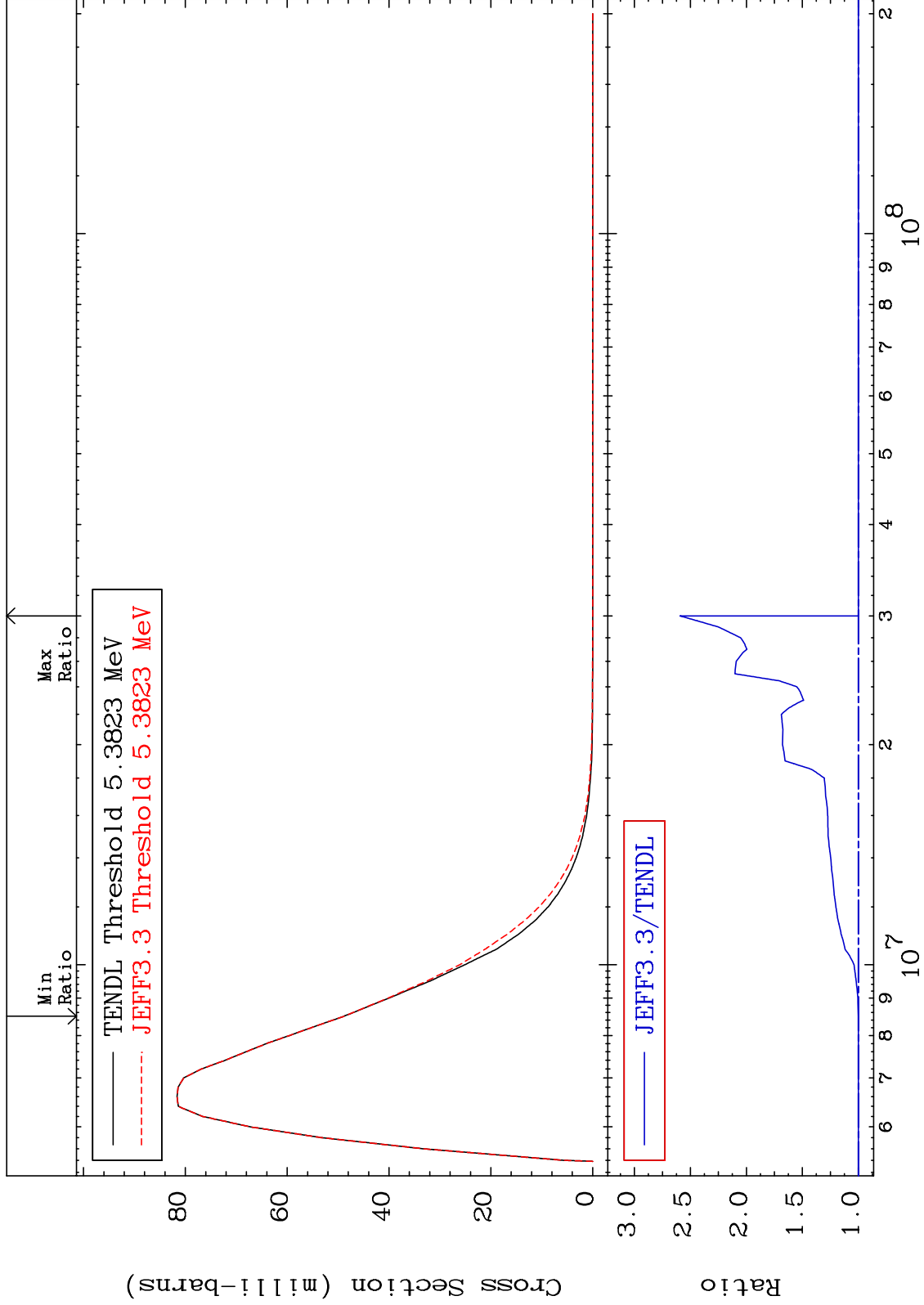
10-Ne-22  
-0.083 To 47.64 %



MAT 1031

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

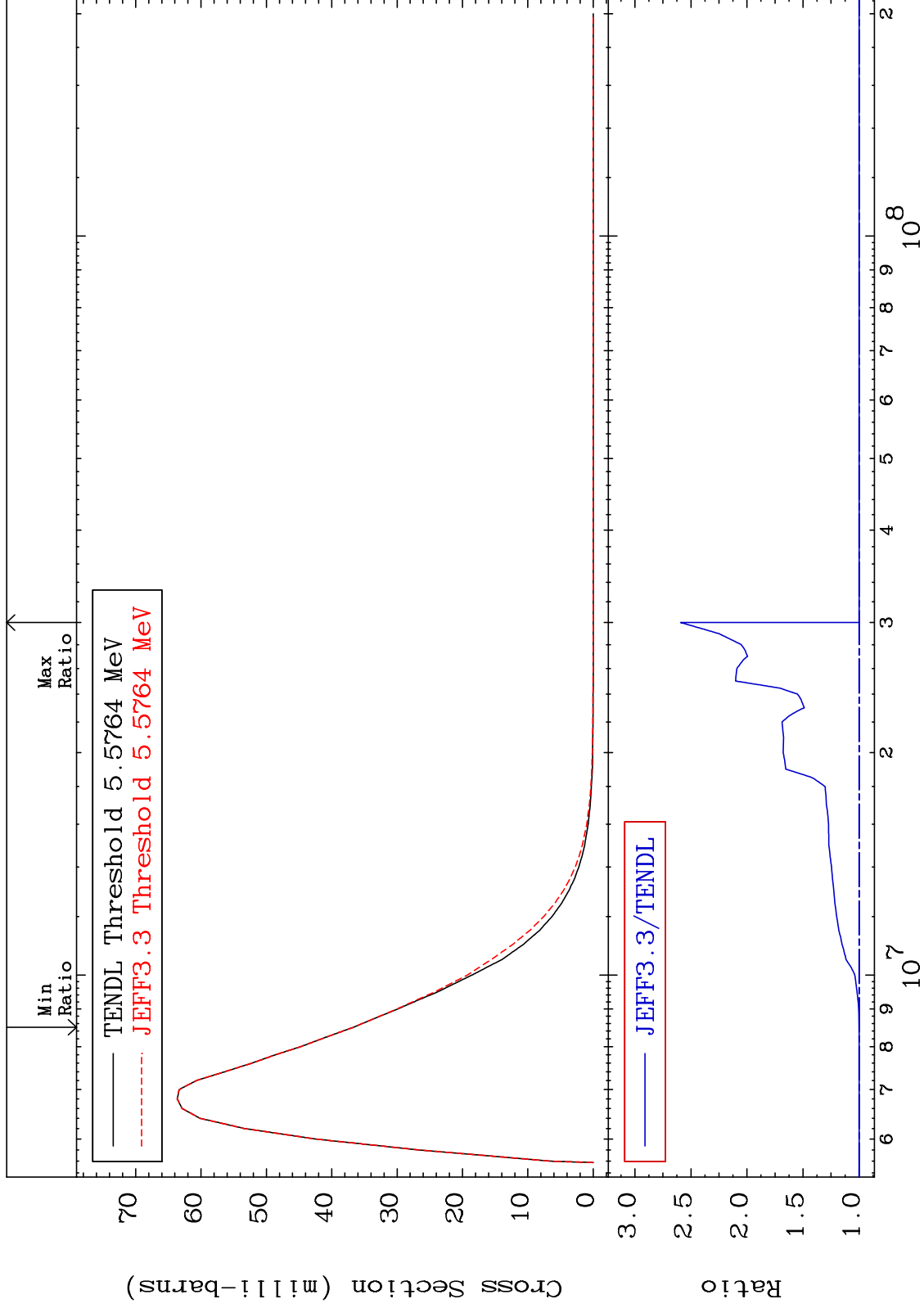
10-Ne-22  
-0.062 To 159.3 %



MAT 1031

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

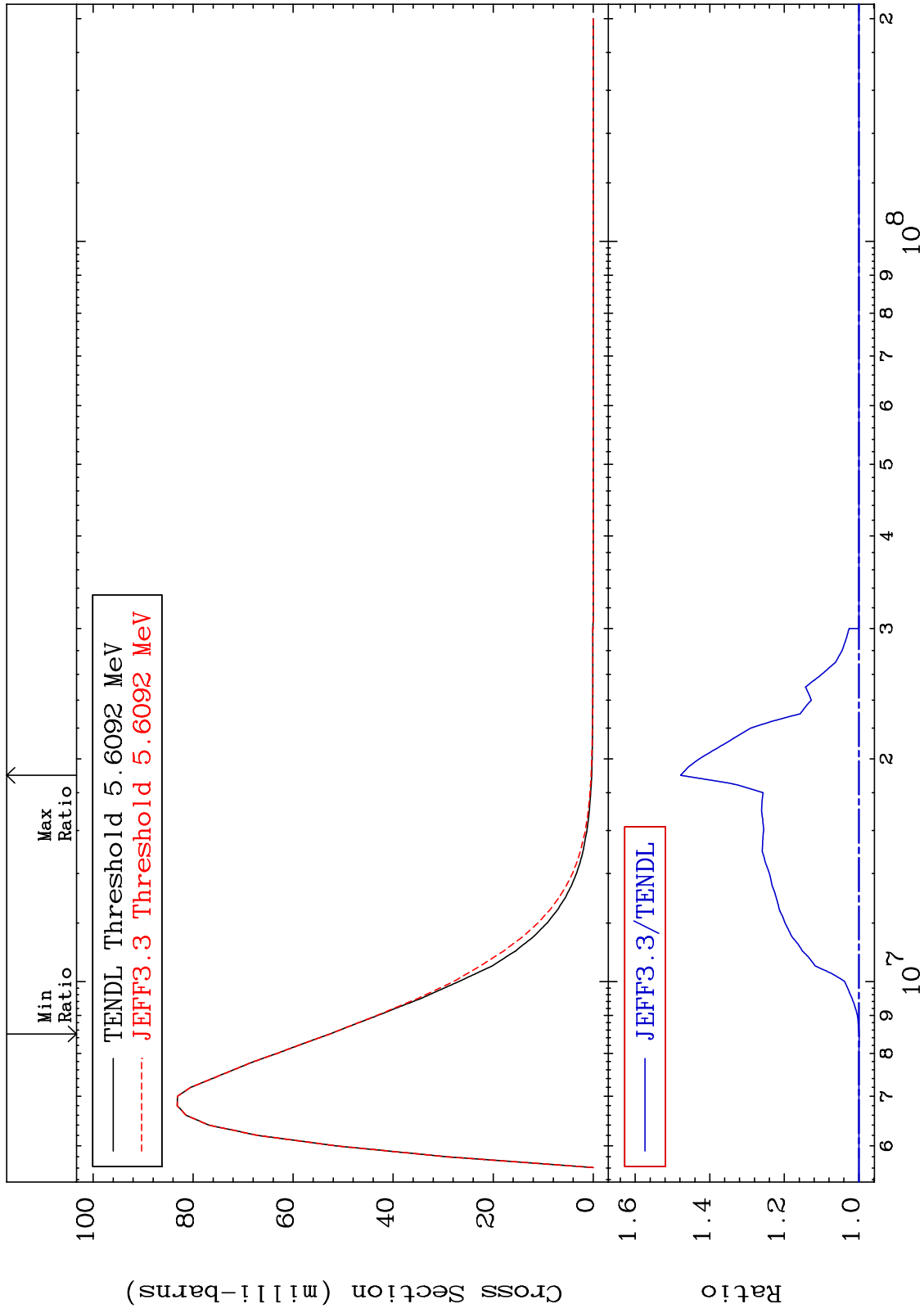
10-Ne-22  
-0.083 To 159.2 %



MAT 1031

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

10-Ne-22  
-0.085 To 47.82 %

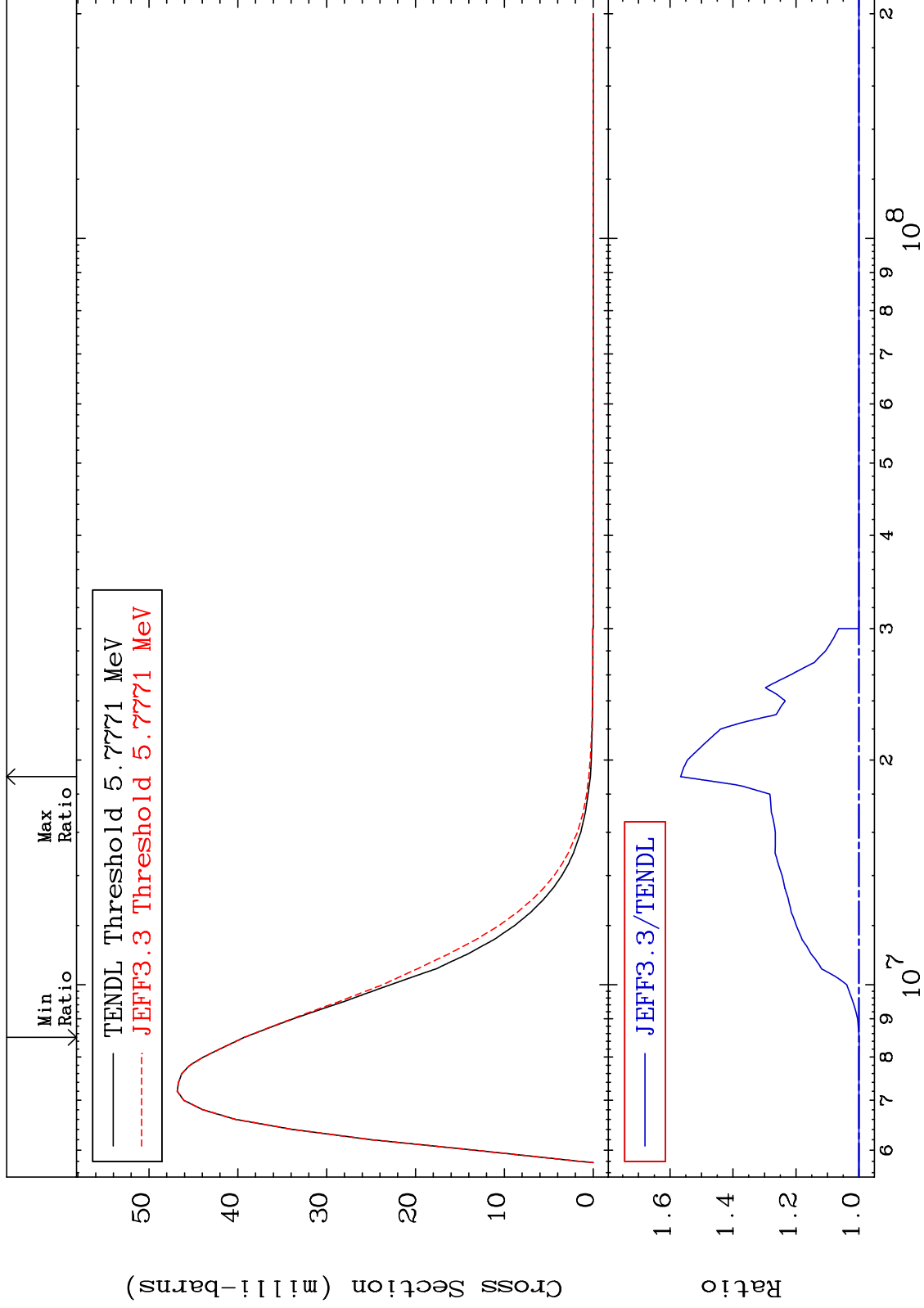


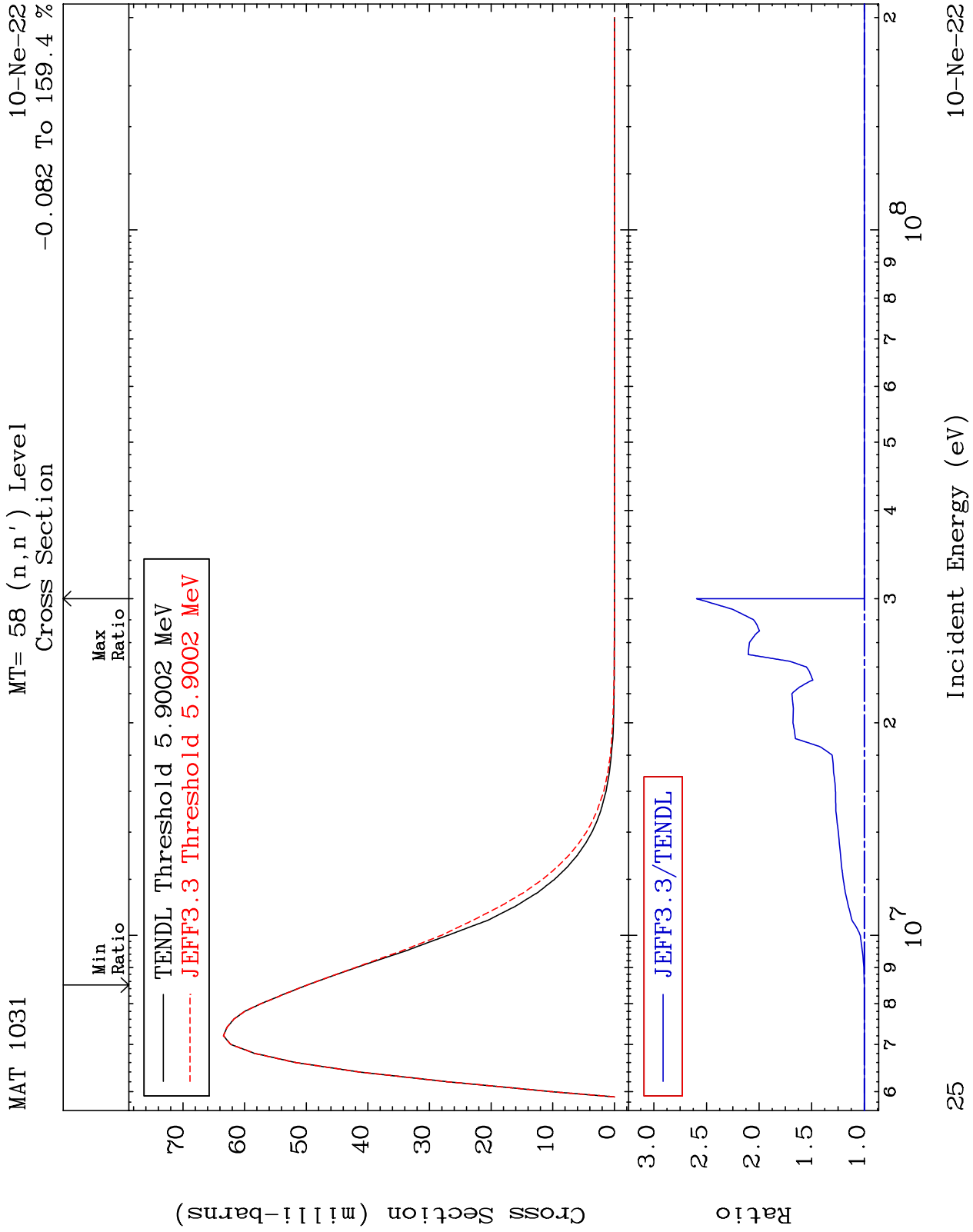


MAT 1031

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

10-Ne-22  
-0.065 To 56.63 %

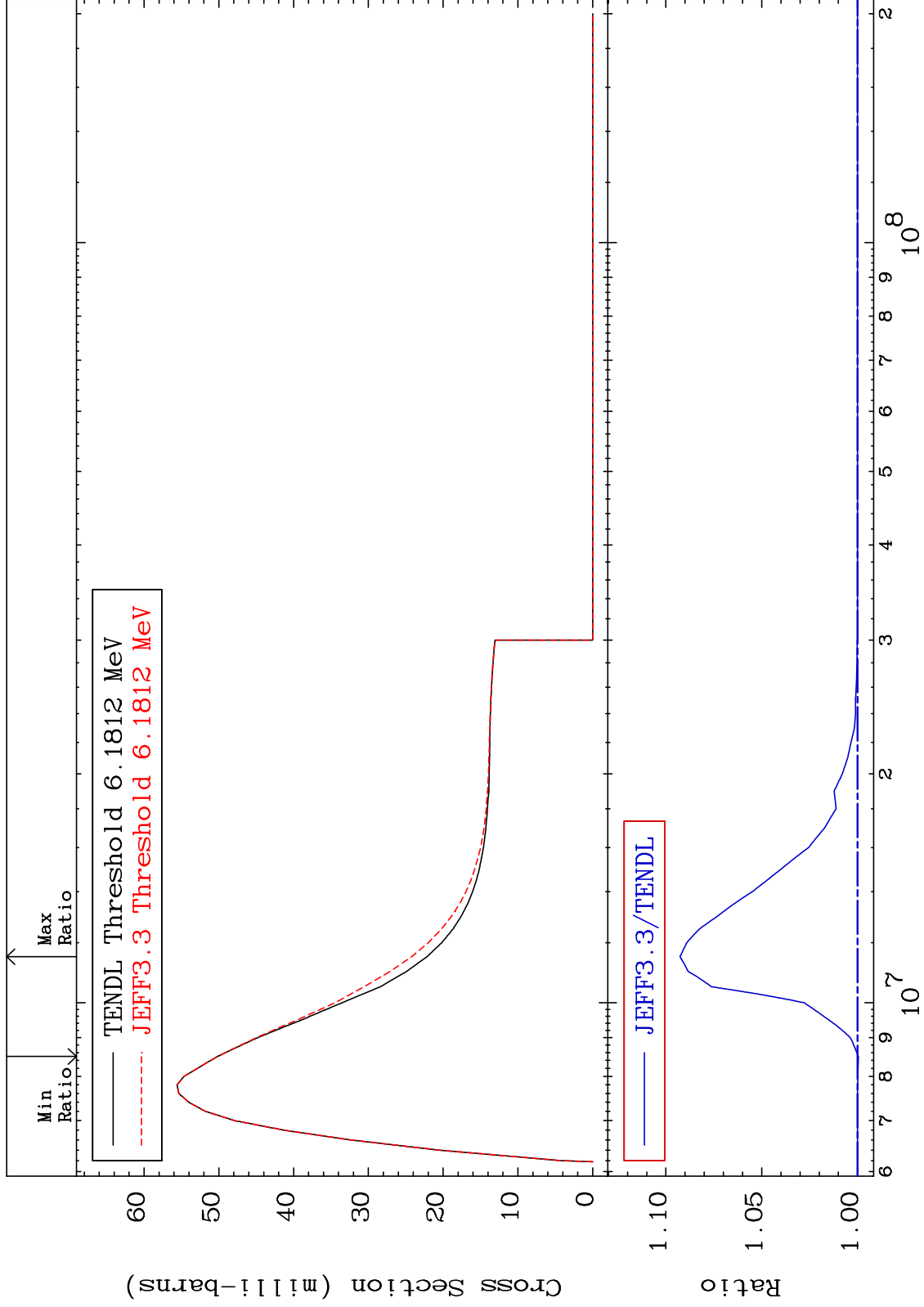




MAT 1031

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

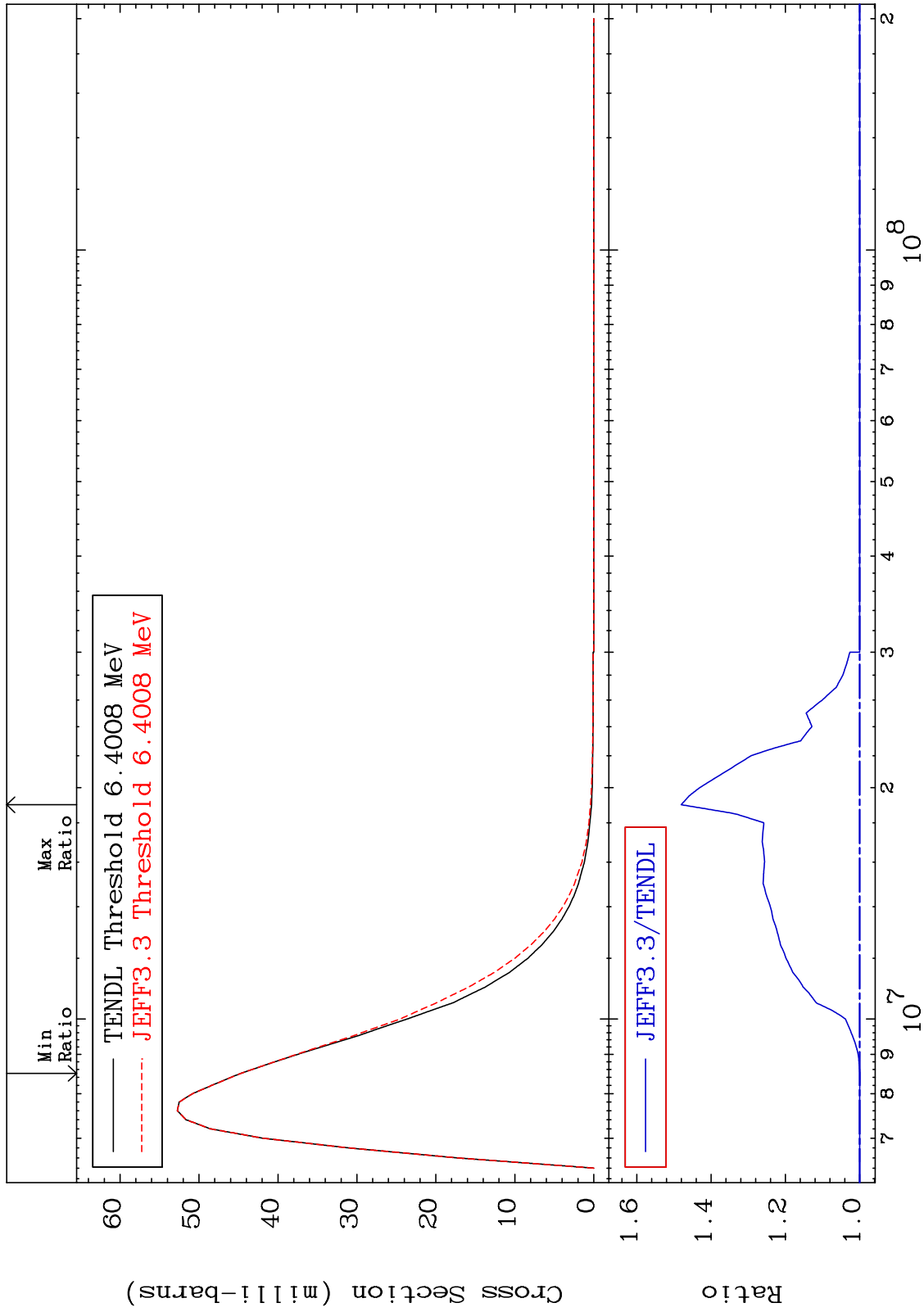
10-Ne-22  
-0.045 To 9.262 %



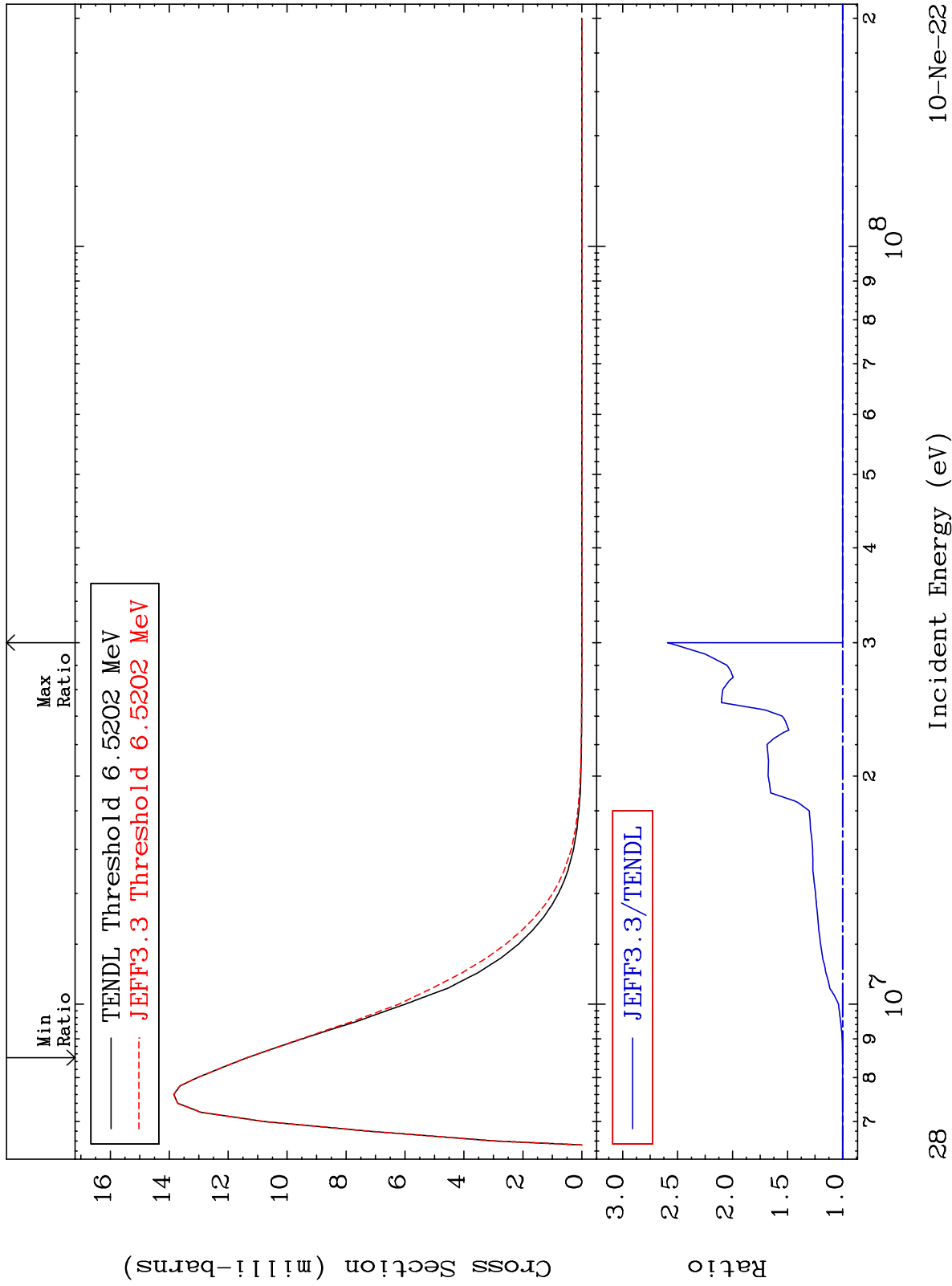
MAT 1031

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

10-Ne-22  
-0.089 To 48.01 %



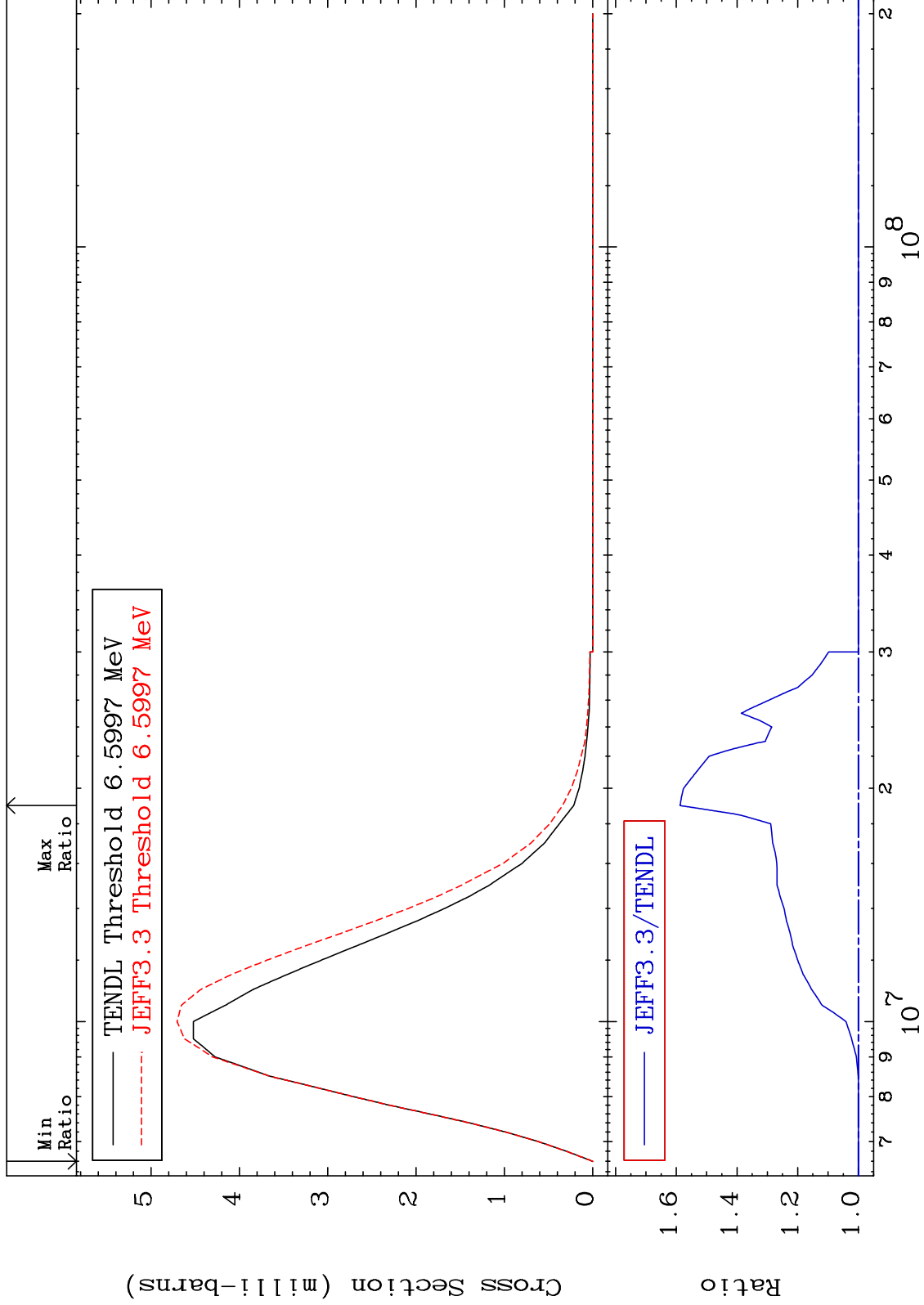
MAT 1031 MT= 61 (n,n') Level  
Cross Section 10-Ne-22  
-0.080 To 159.2 %



MAT 1031

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

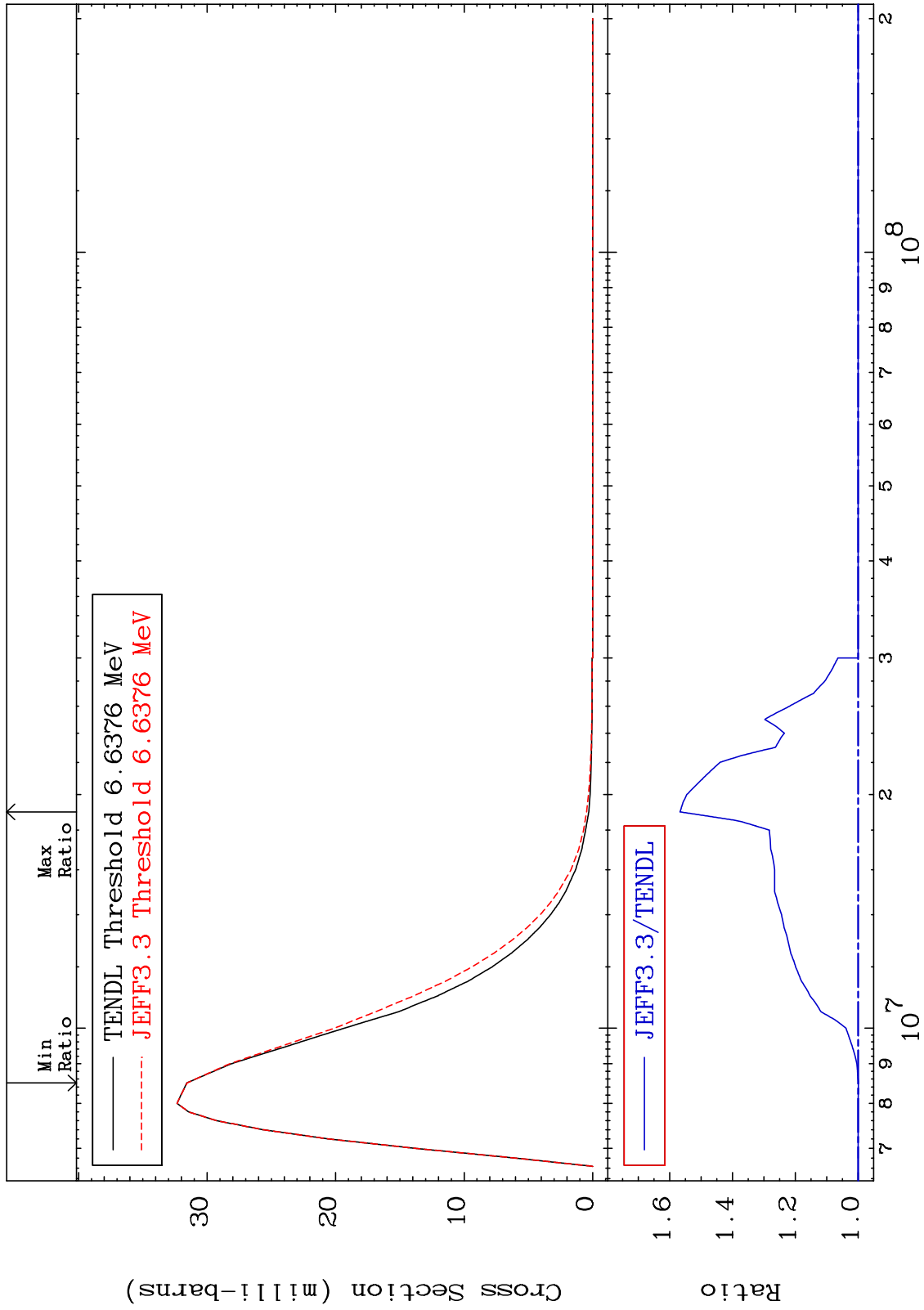
0.000 To 58.78 %  
10-Ne-22



MAT 1031

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

10-Ne-22  
-0.067 To 56.72 %

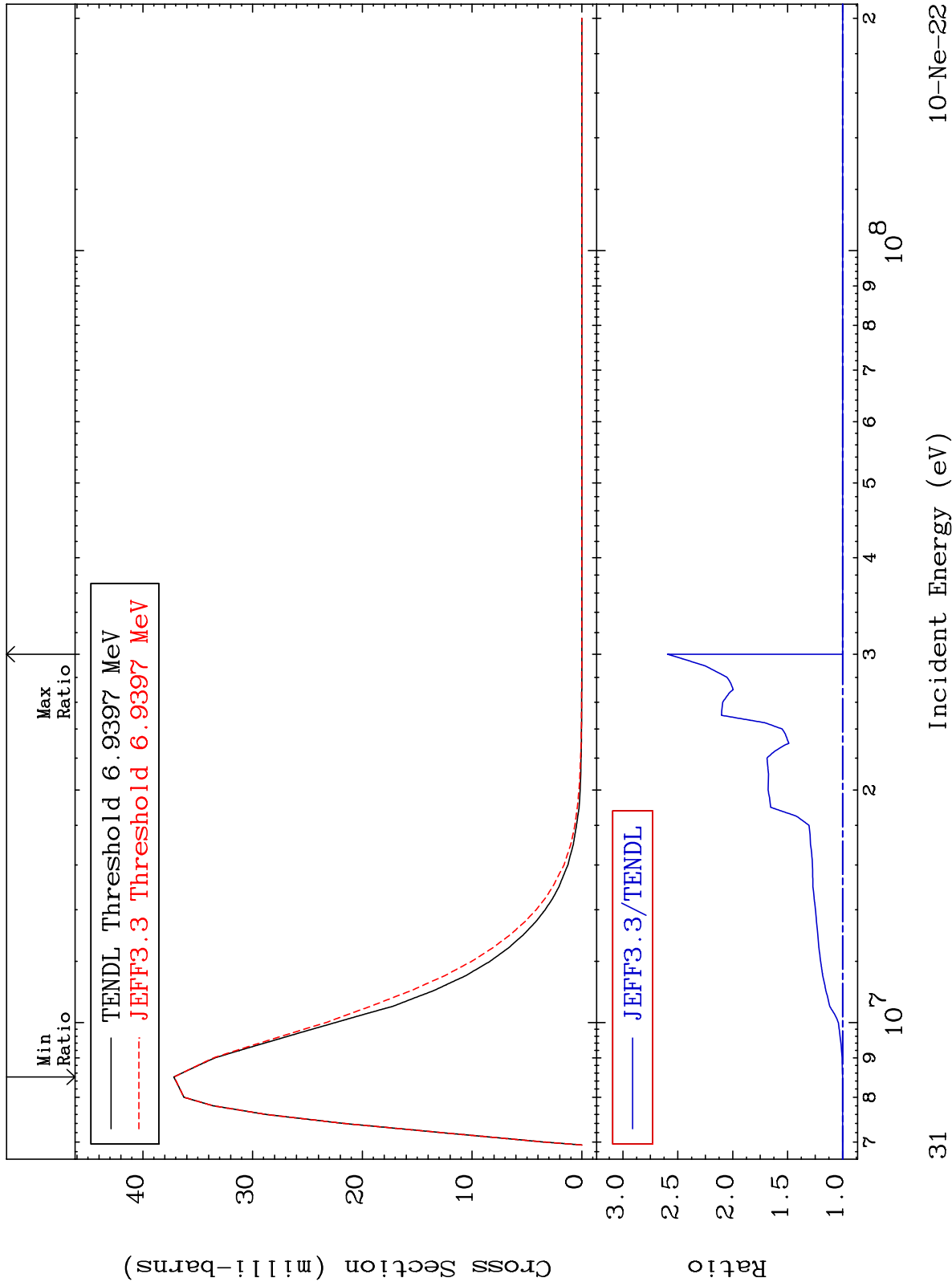


30

Incident Energy (eV)

10-Ne-22

MAT 1031 MT= 64 (n,n') Level Cross Section 10-Ne-22  
 -0.088 To 159.4 %

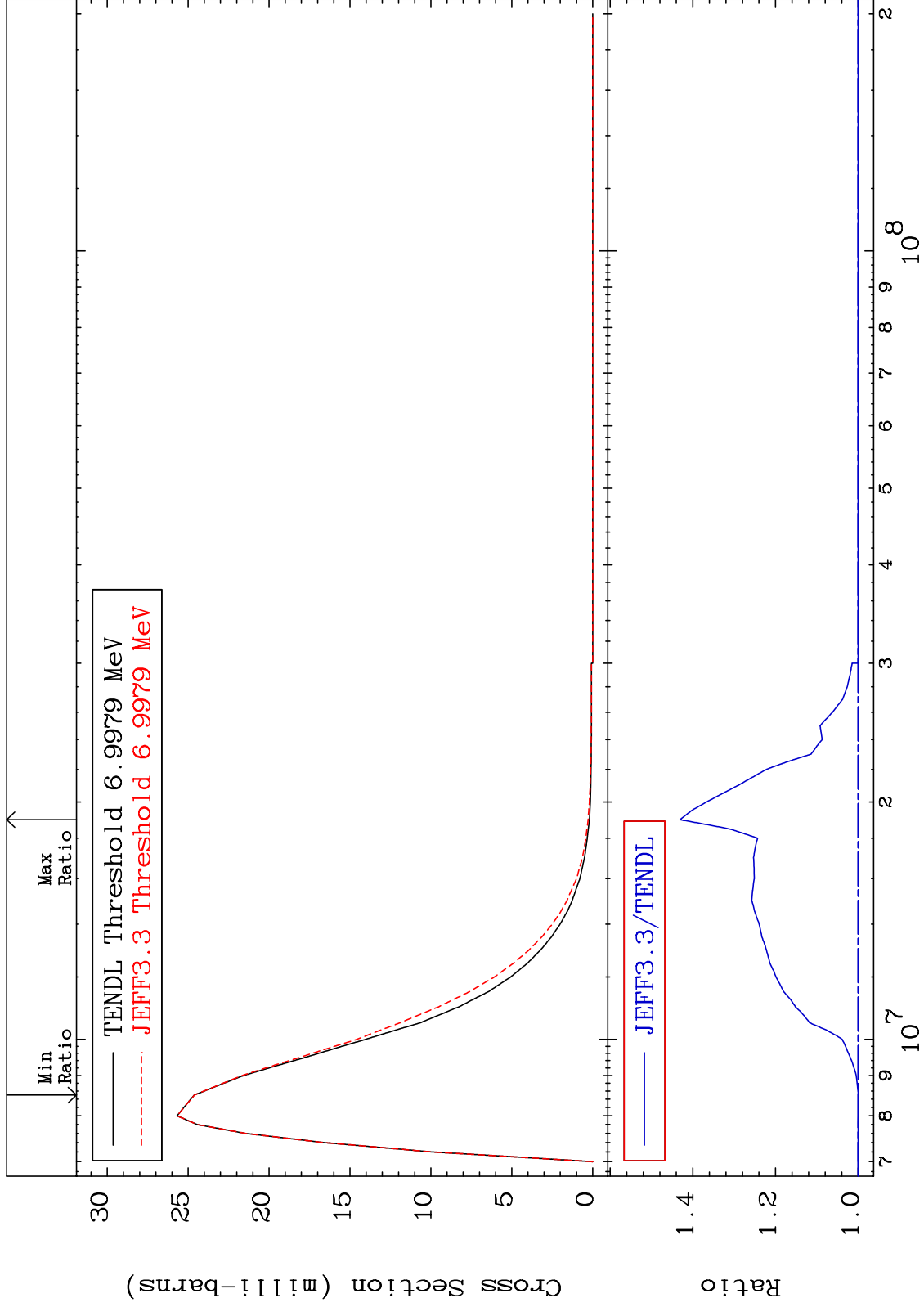




MAT 1031

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

10-Ne-22  
-0.046 To 43.11 %



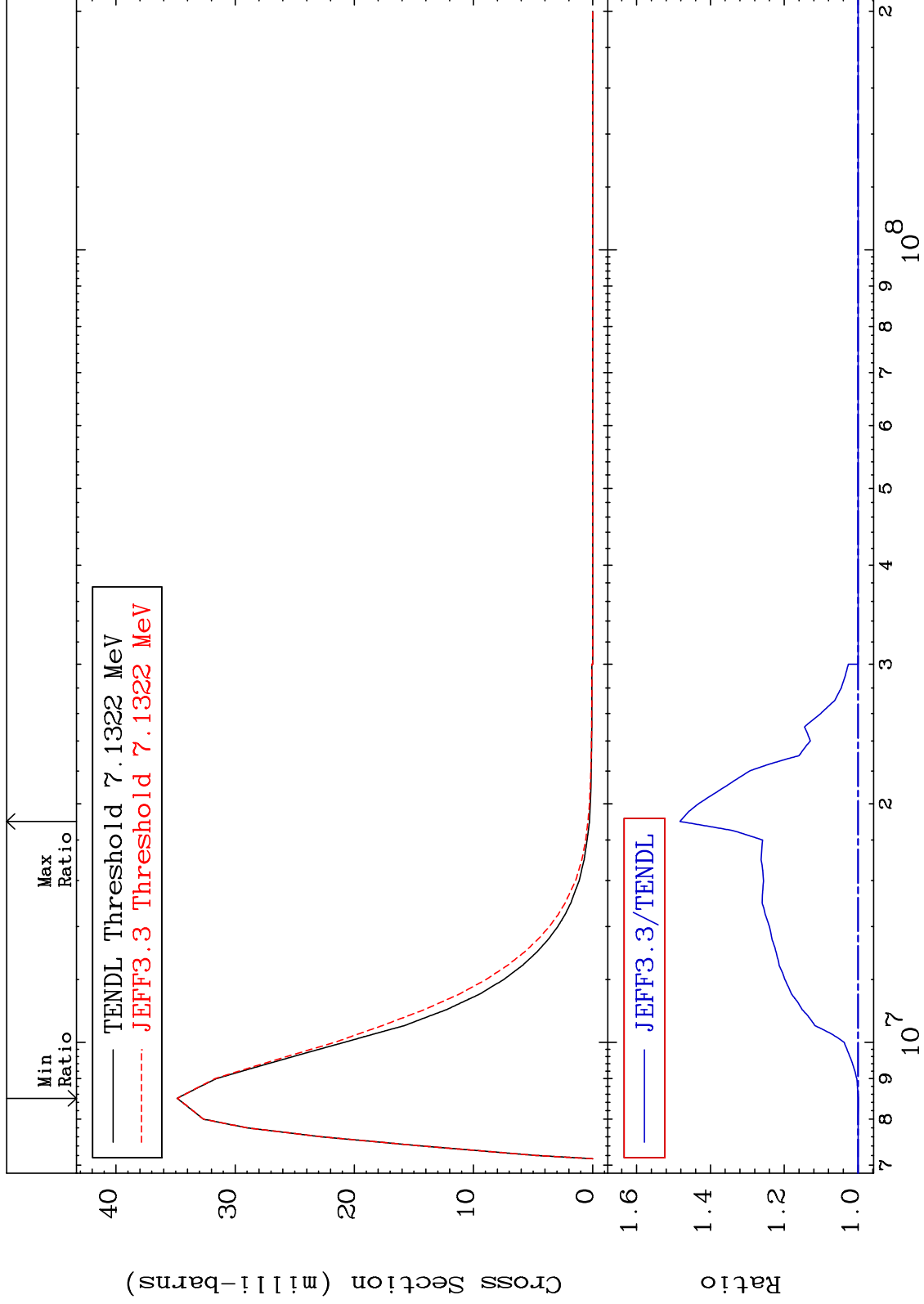
32

10-Ne-22

MAT 1031

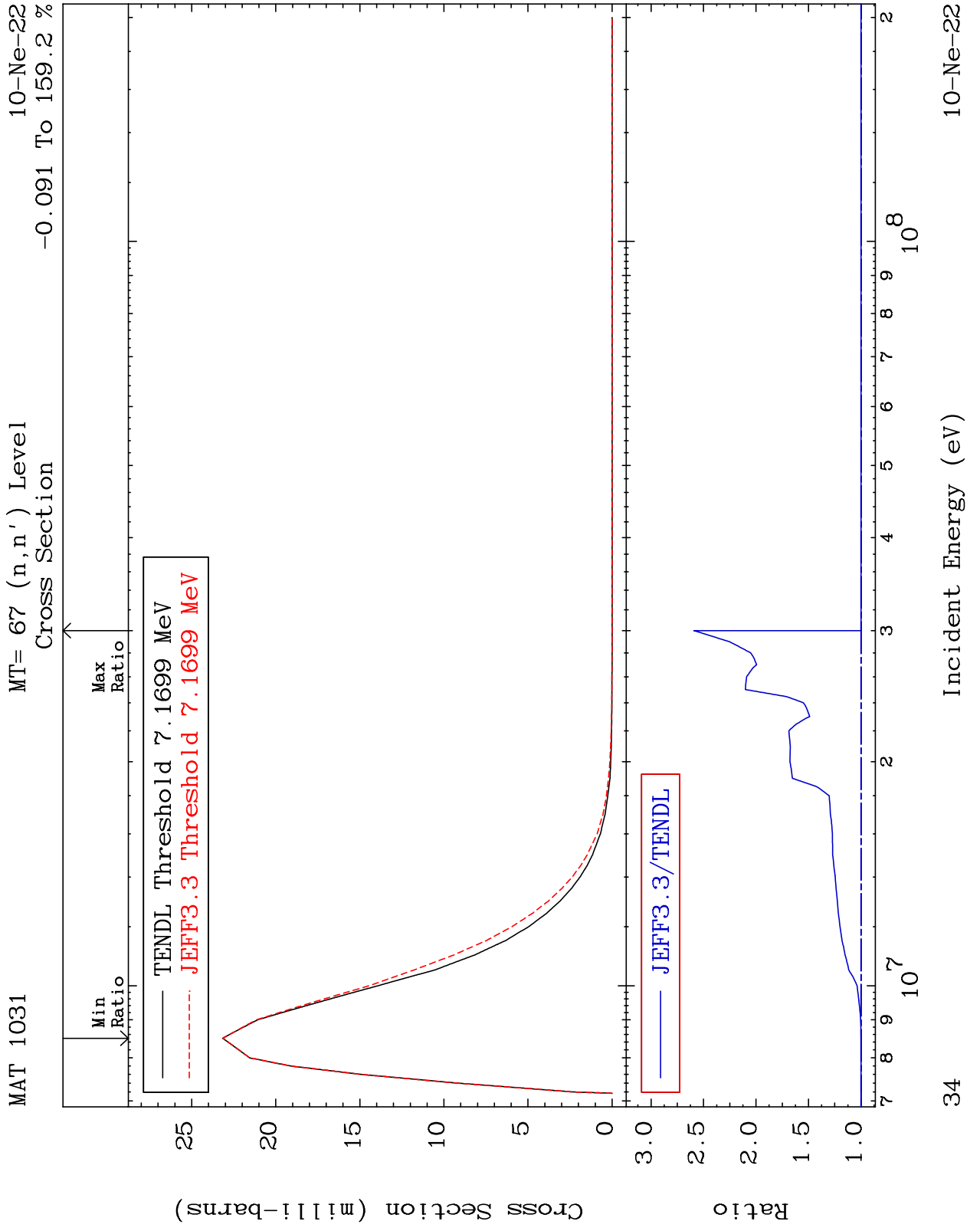
MT= 66 (n,n') Level  
Cross Section

10-Ne-22  
-0.094 To 48.23 %

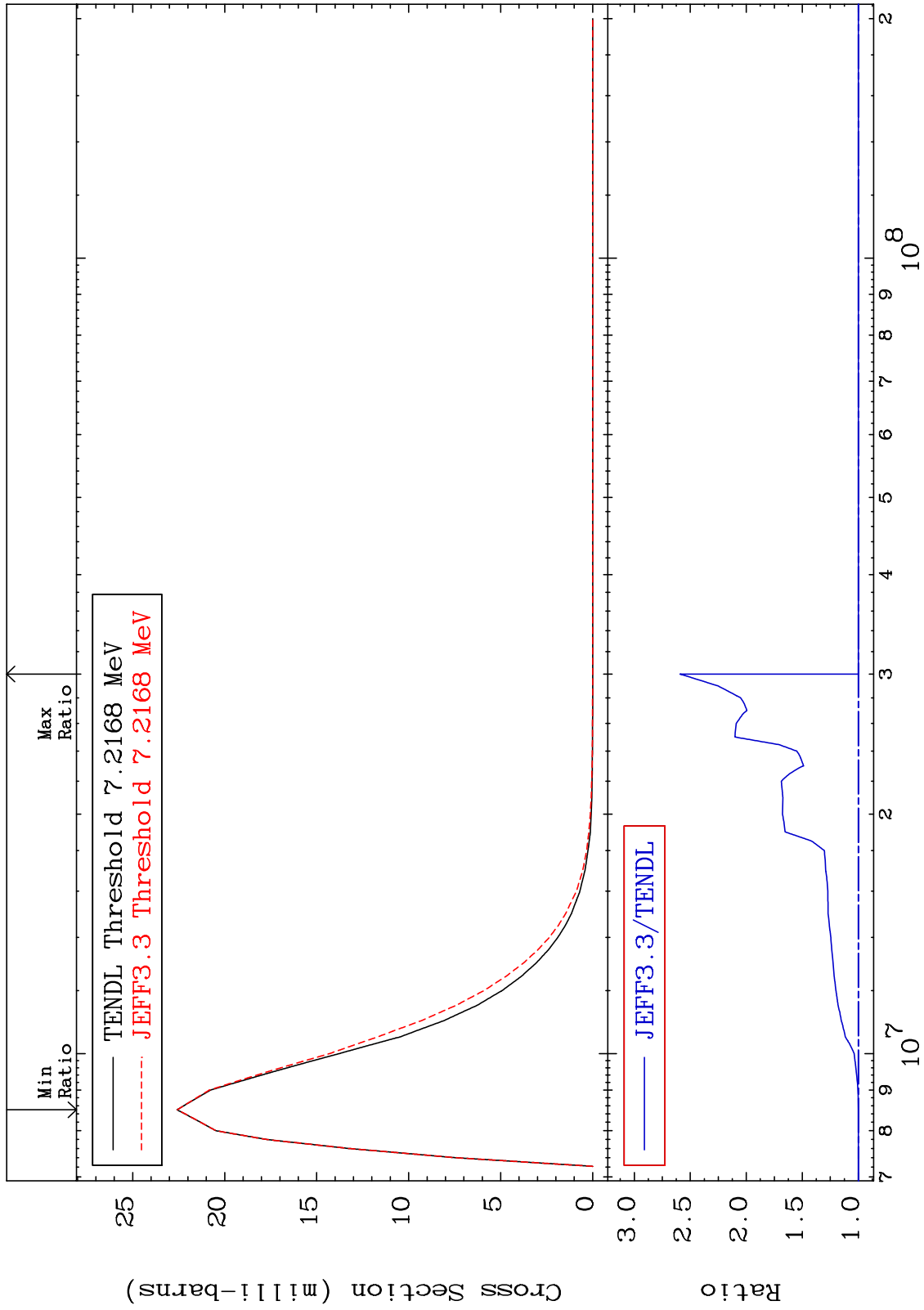


33

10-Ne-22



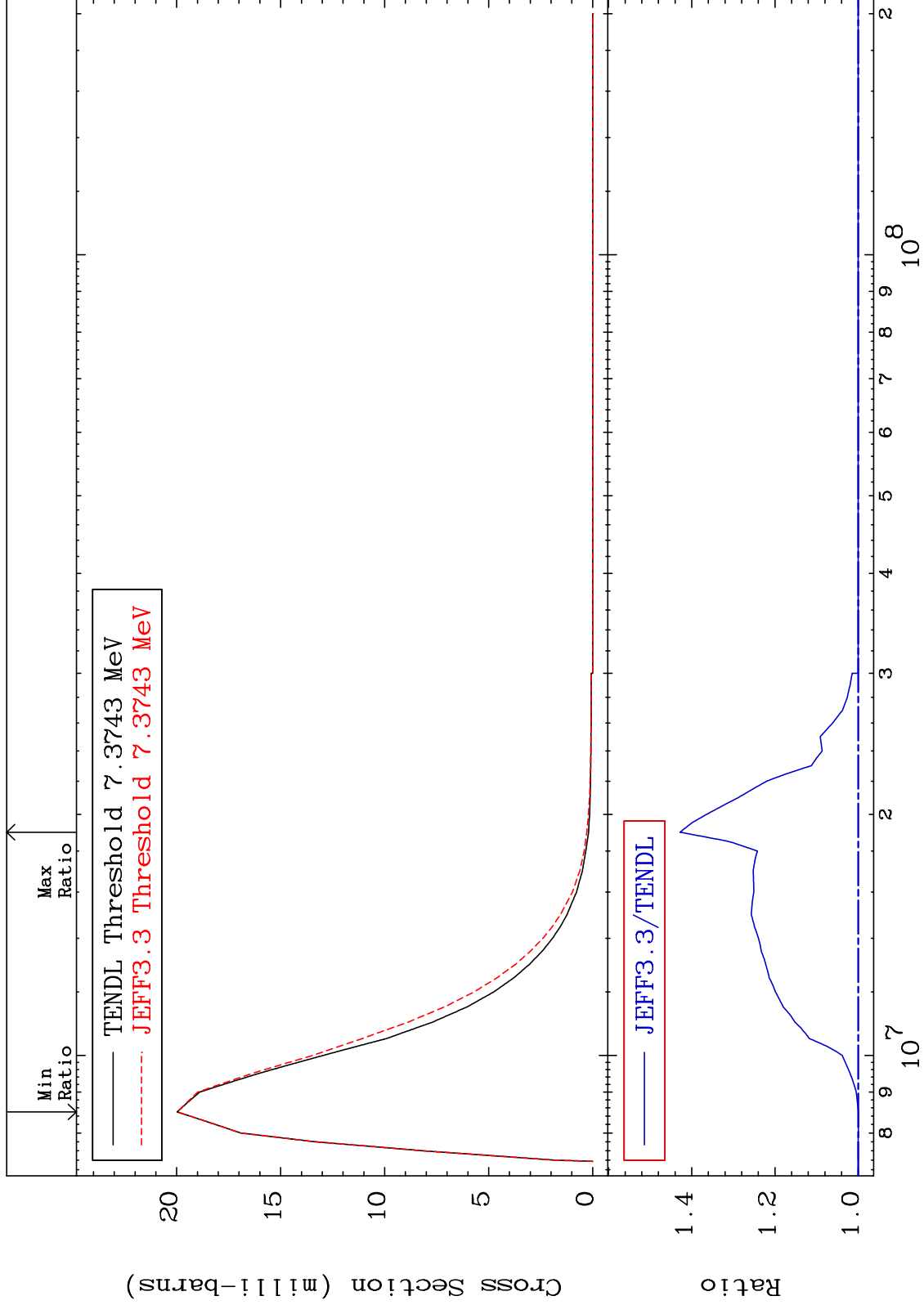
MAT 1031 MT= 68 (n,n') Level Cross Section 10-Ne-22 -0.091 To 159.2 %



MAT 1031

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

10-Ne-22  
-0.044 To 42.81 %



36

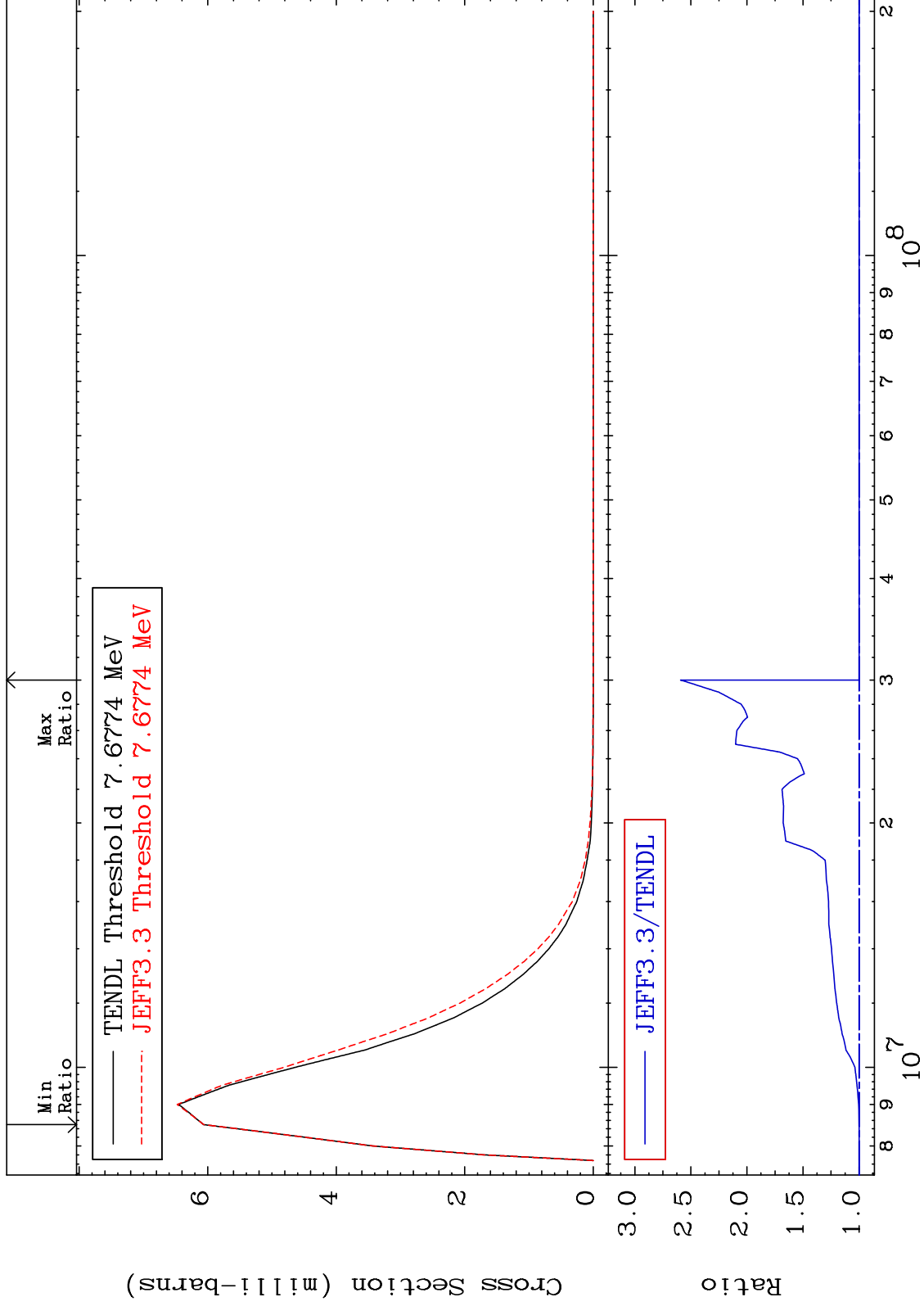
Incident Energy (eV)

10-Ne-22

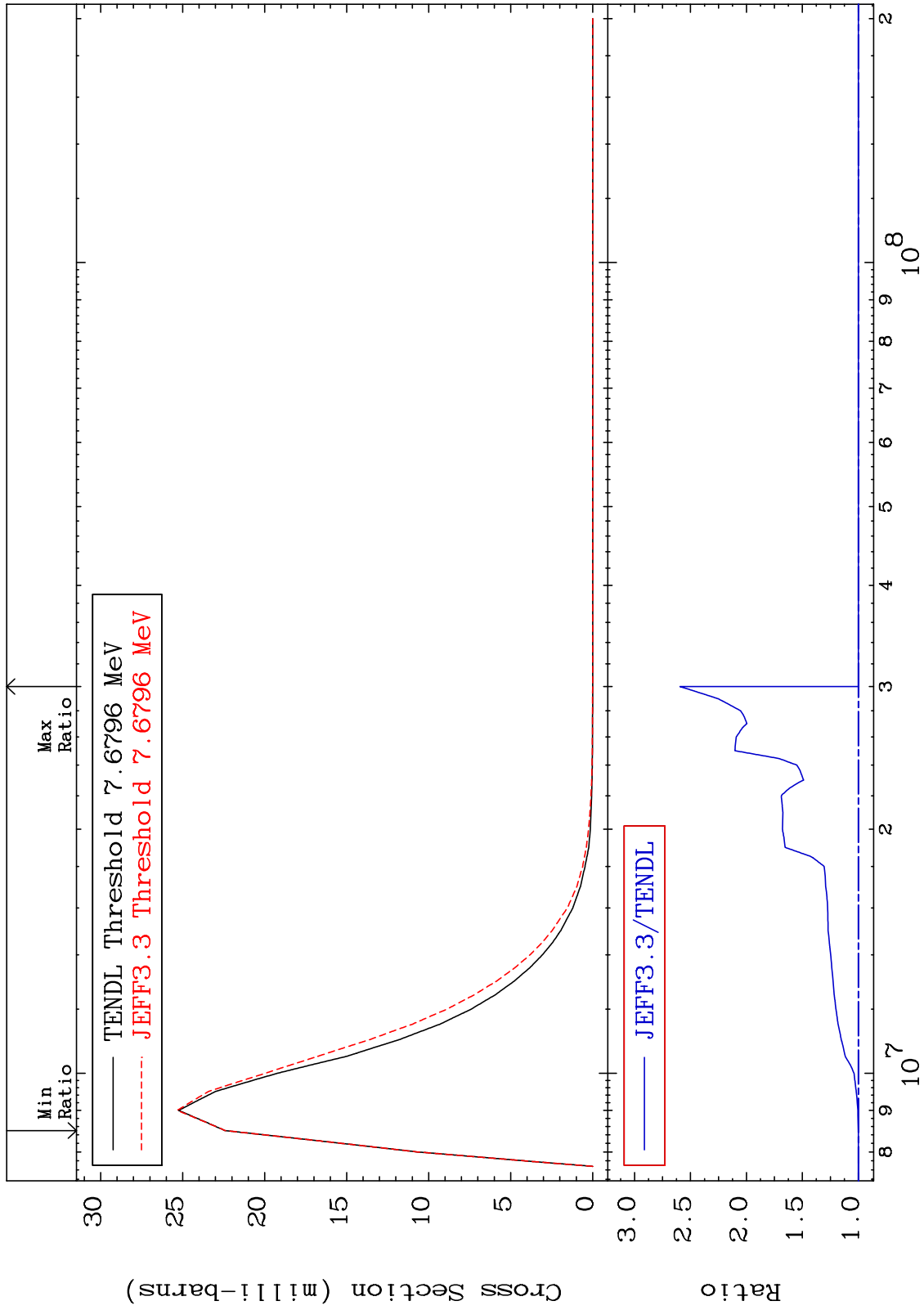
MAT 1031

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

10-Ne-22  
-0.081 To 159.2 %



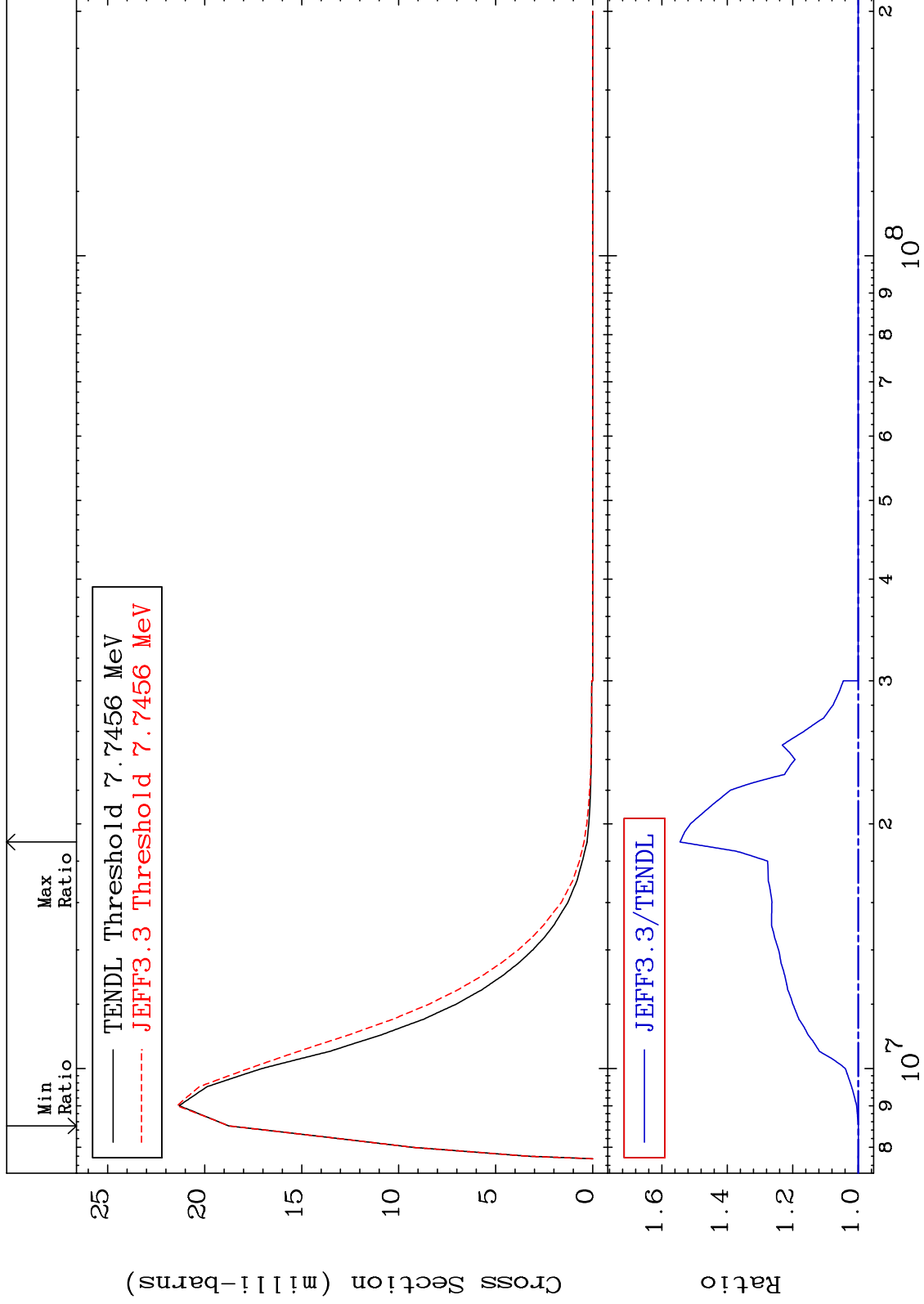
MAT 1031 MT= 71 (n,n') Level Cross Section 10-Ne-22  
-0.093 To 159.4 %



MAT 1031

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

10-Ne-22  
-0.048 To 54.47 %



39

Incident Energy (eV)

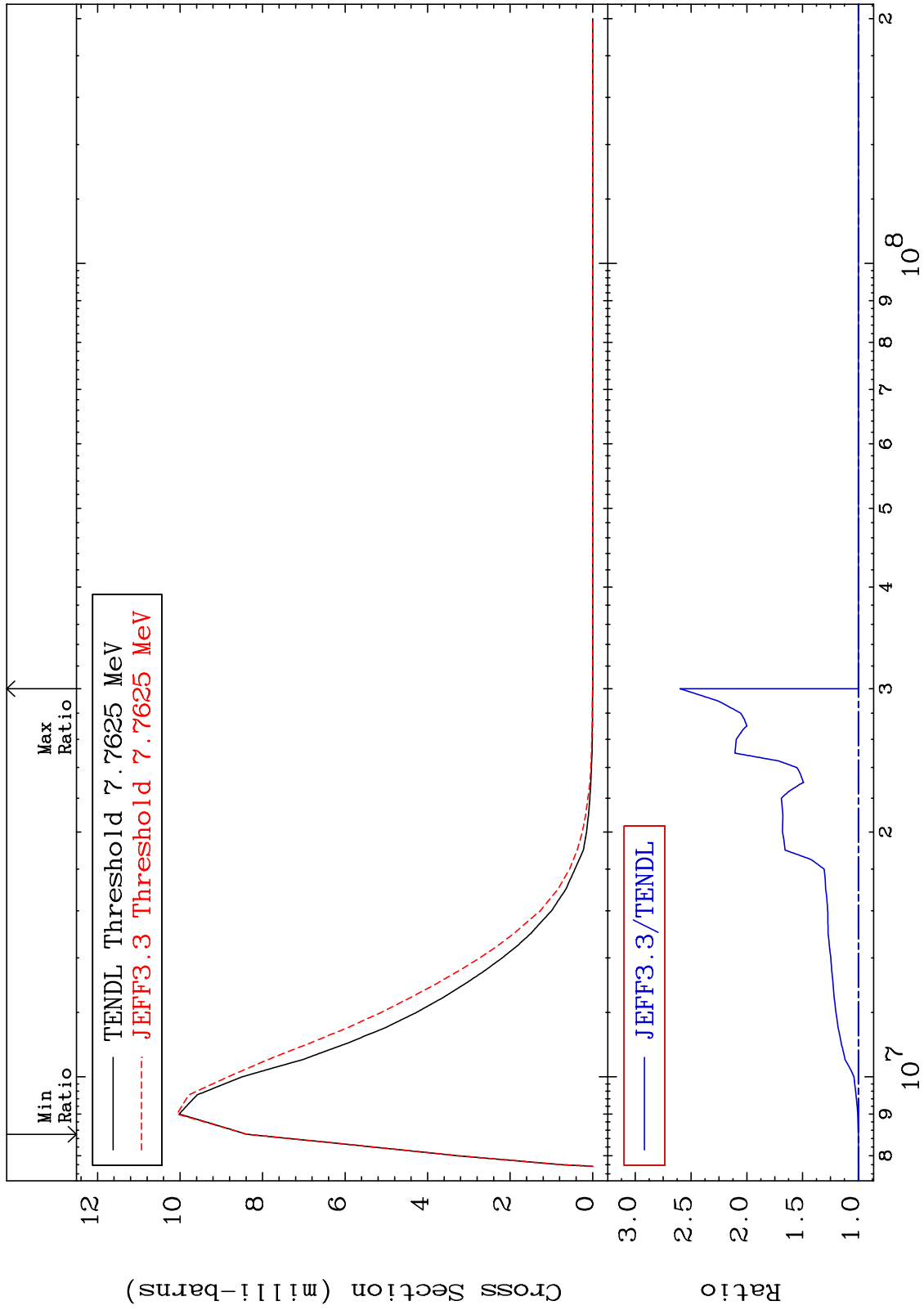
10-Ne-22



MAT 1031

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

10-Ne-22  
-0.044 To 159.9 %

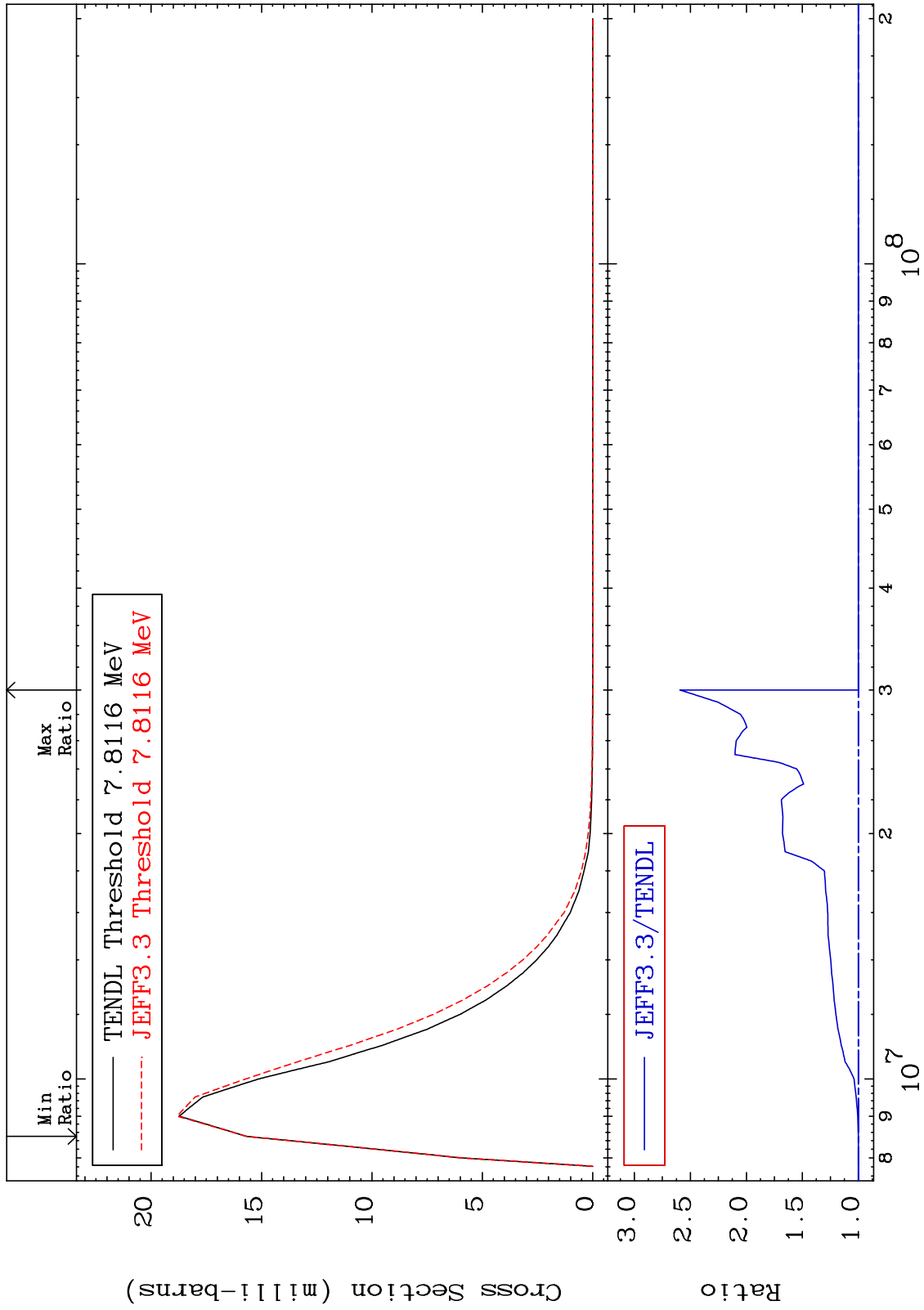


40

Incident Energy (eV)

10-Ne-22

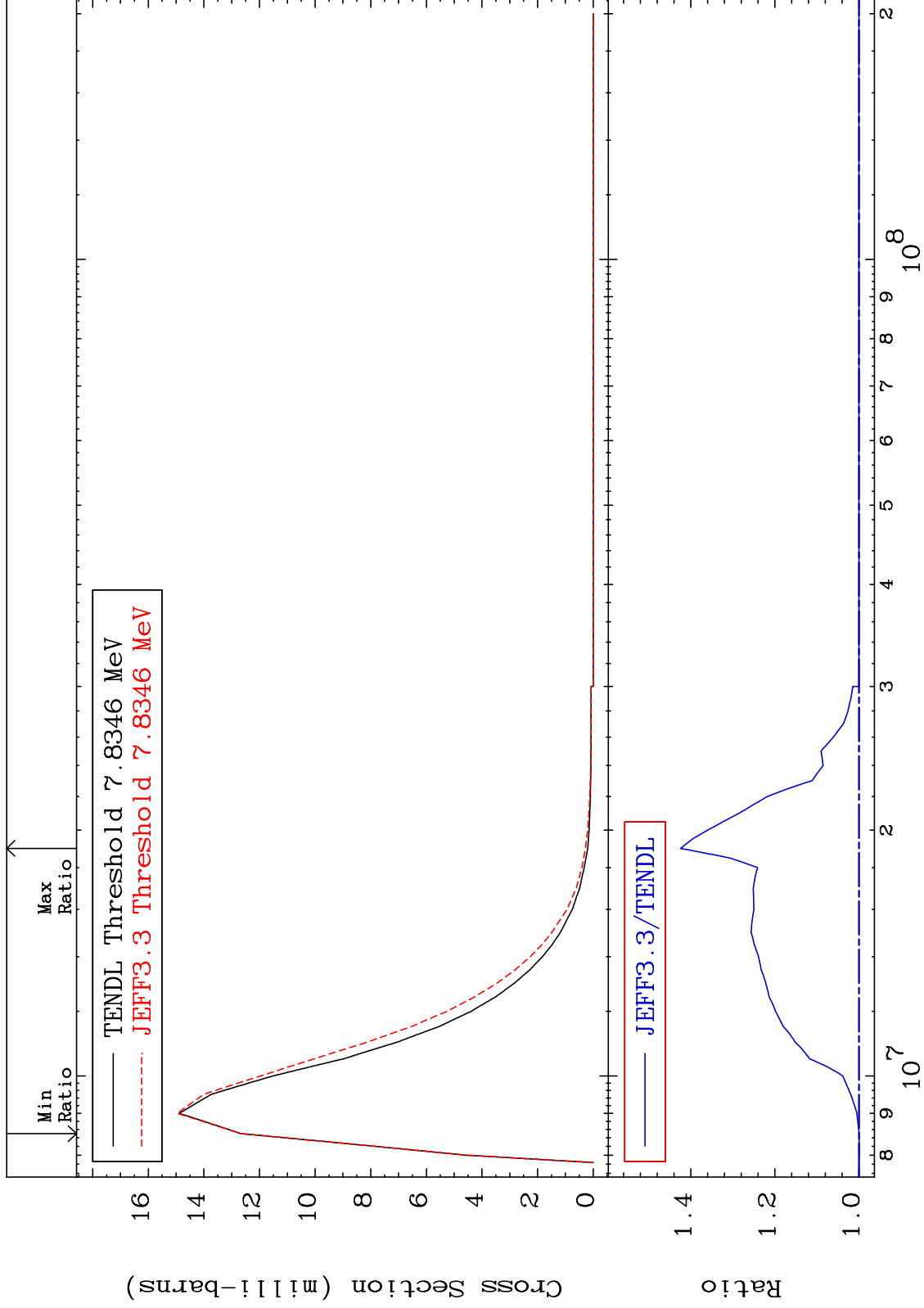
MAT 1031 MT= 74 (n,n') Level Cross Section 10-Ne-22  
 -0.055 To 159.3 %



MAT 1031

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

10-Ne-22  
-0.045 To 42.44 %



42

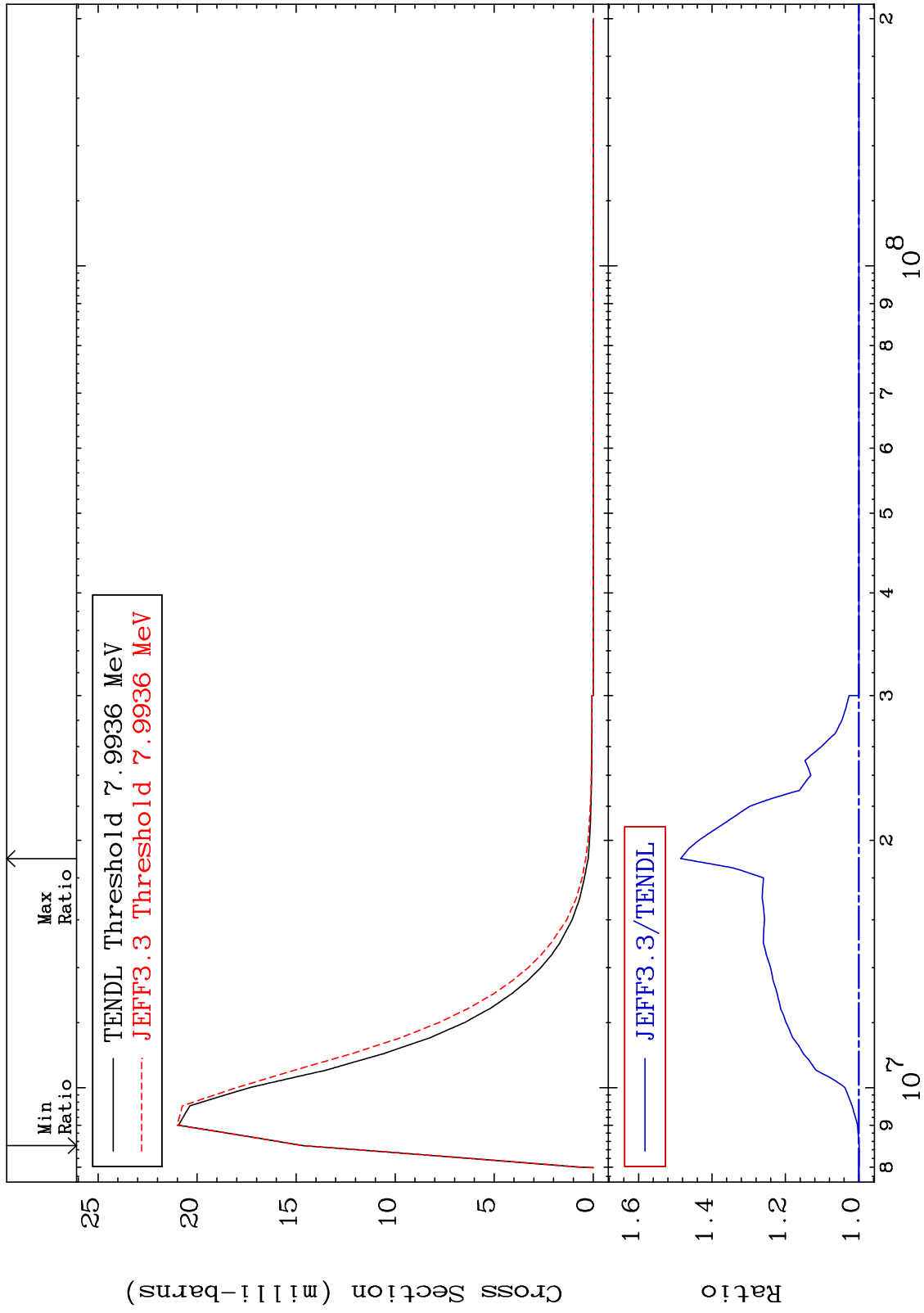
Incident Energy (eV)

10-Ne-22

MAT 1031

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

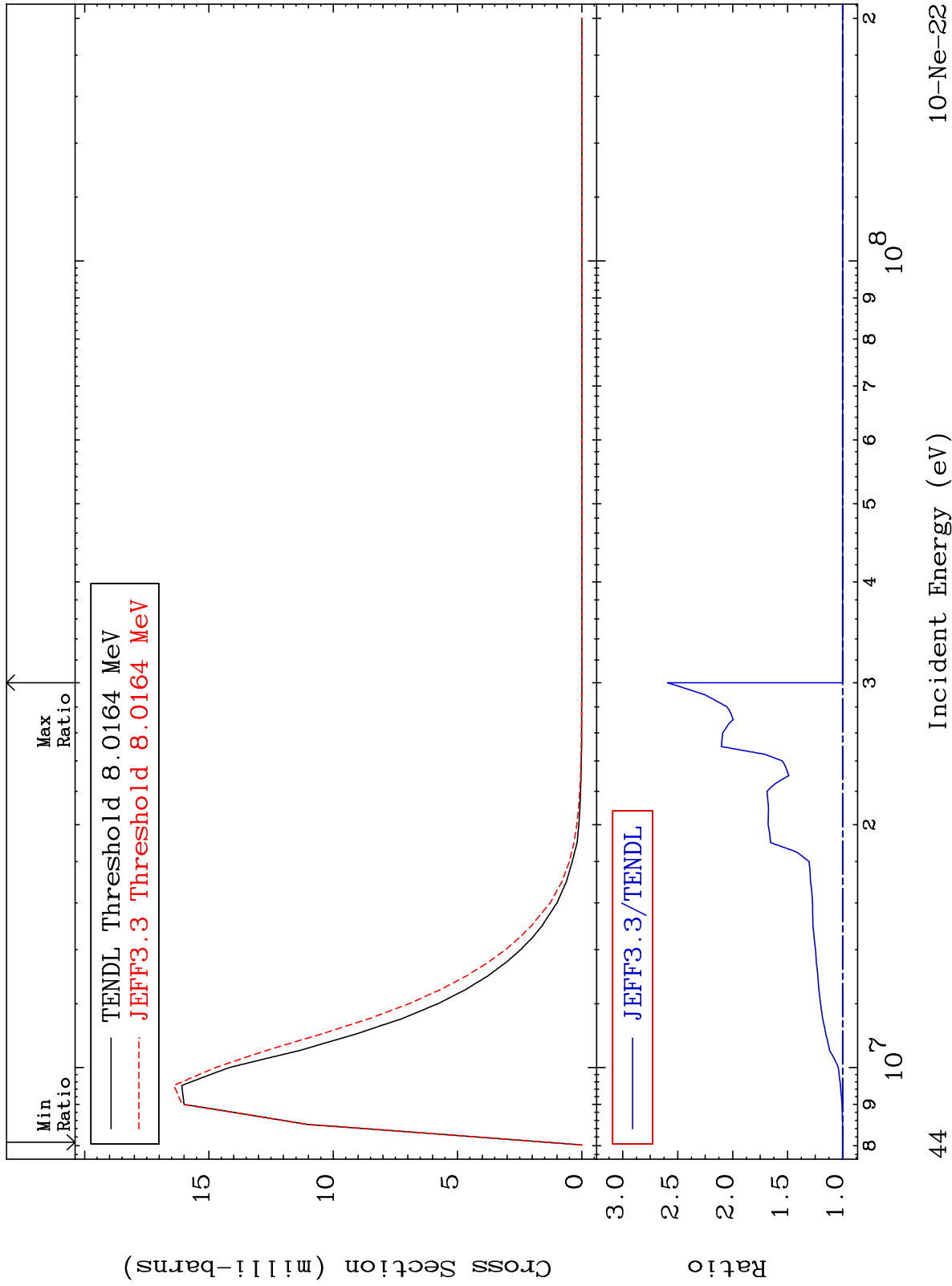
10-Ne-22  
-0.095 To 48.54 %



MAT 1031

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

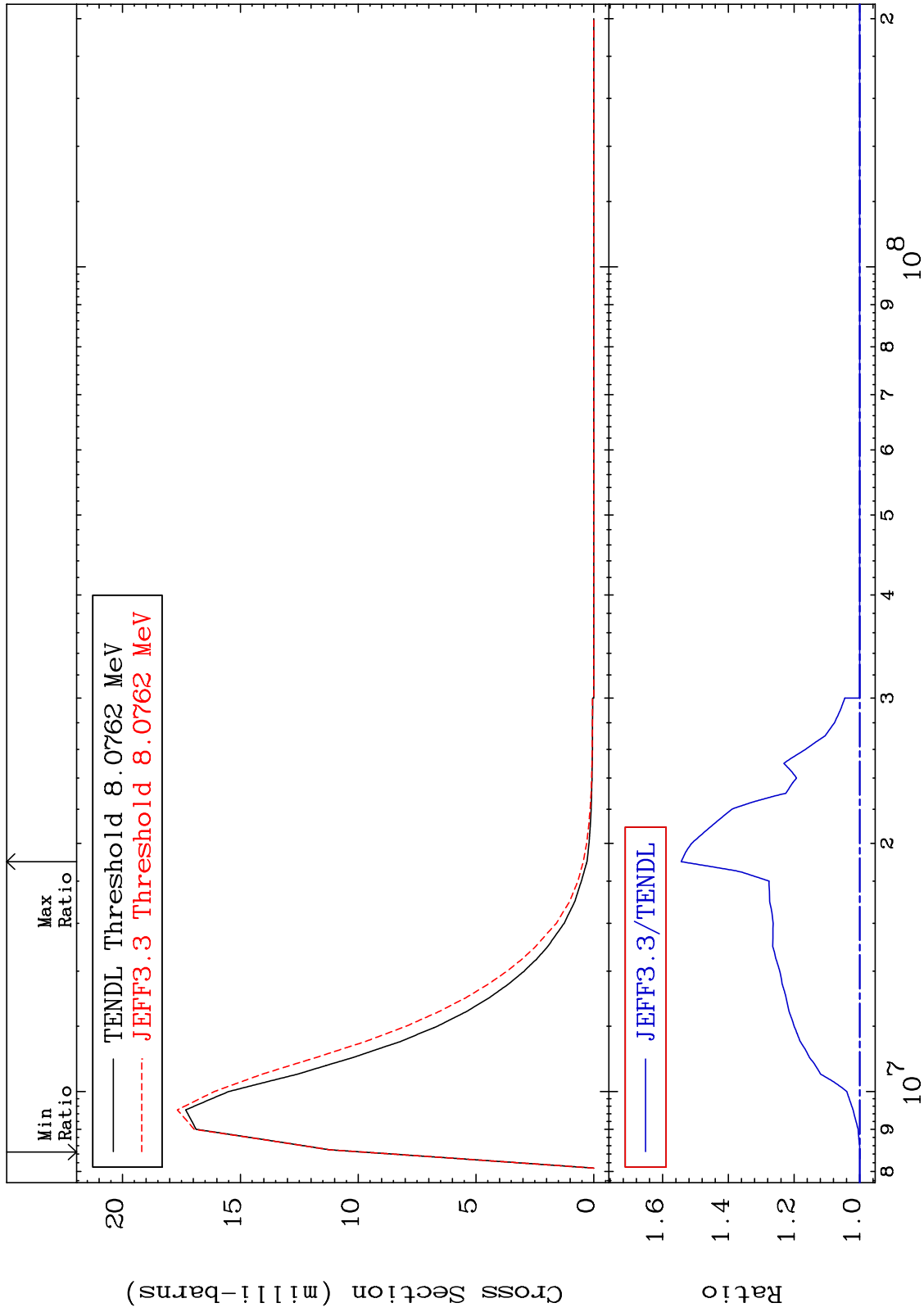
10-Ne-22  
-0.061 To 159.3 %



MAT 1031

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

10-Ne-22  
-0.056 To 54.35 %



45

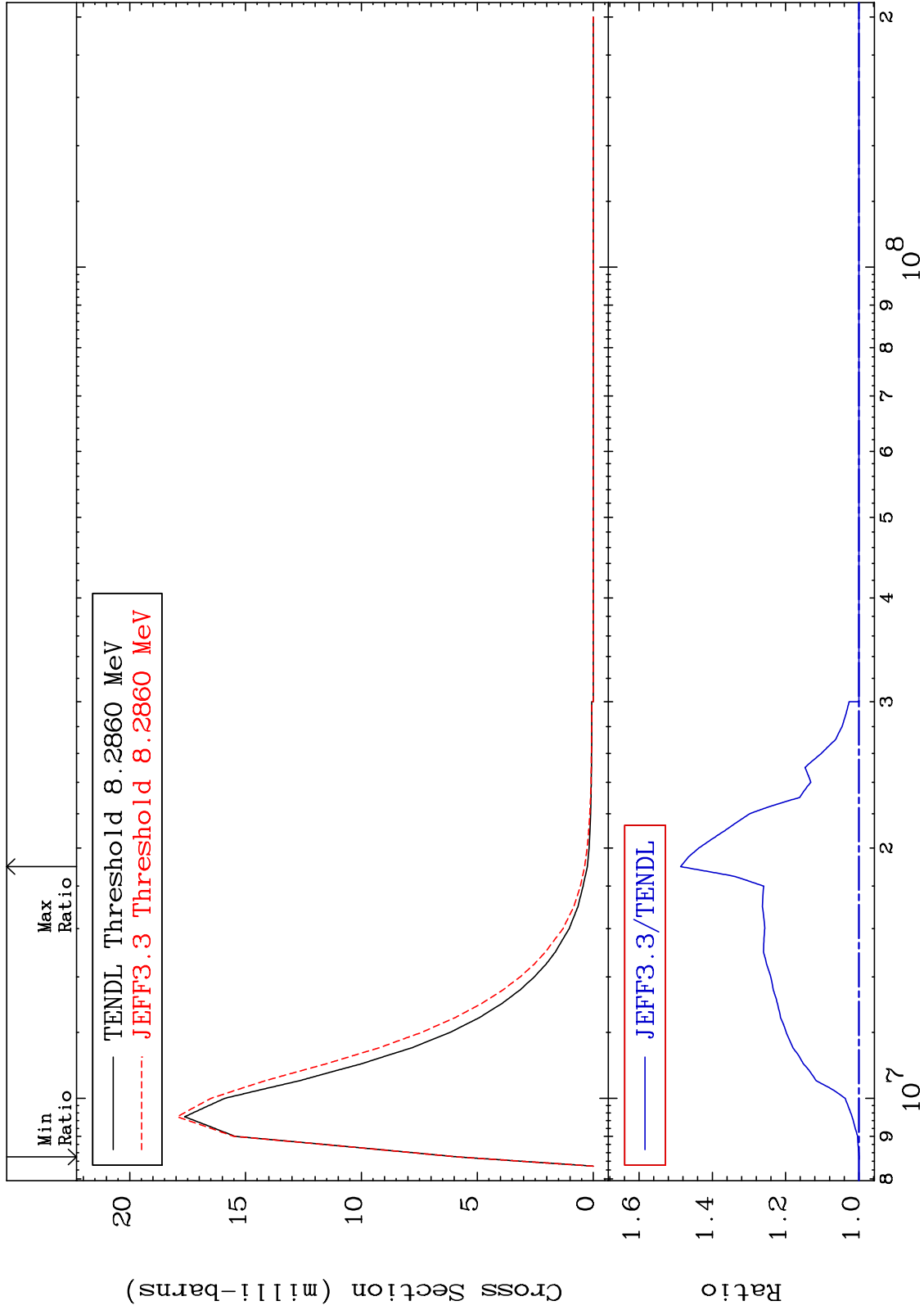
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
-0.083 To 48.66 %



46

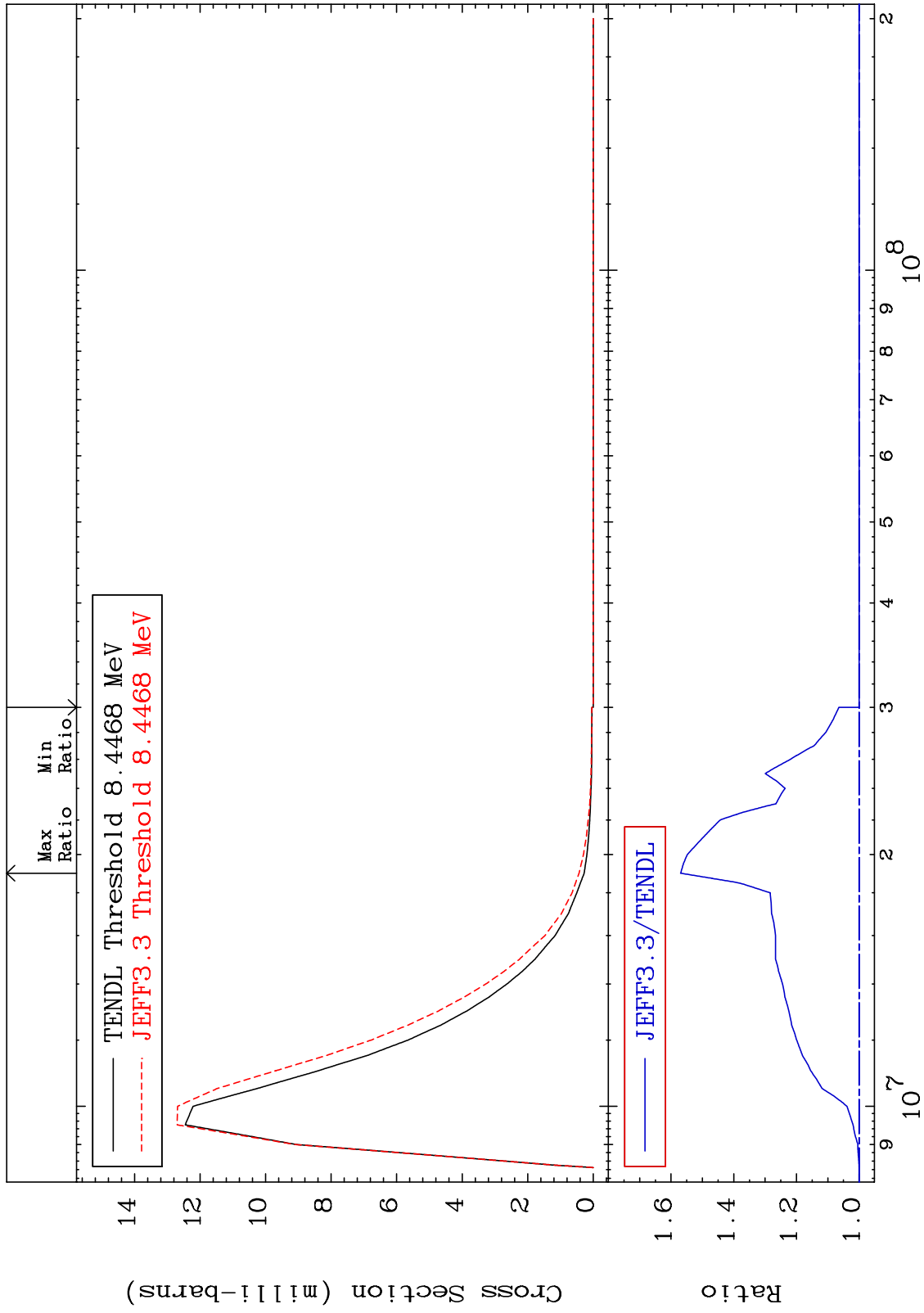
Incident Energy (eV)

10-Ne-22

MAT 1031

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

0.000 To 56.95 %  
10-Ne-22



47

Incident Energy (eV)

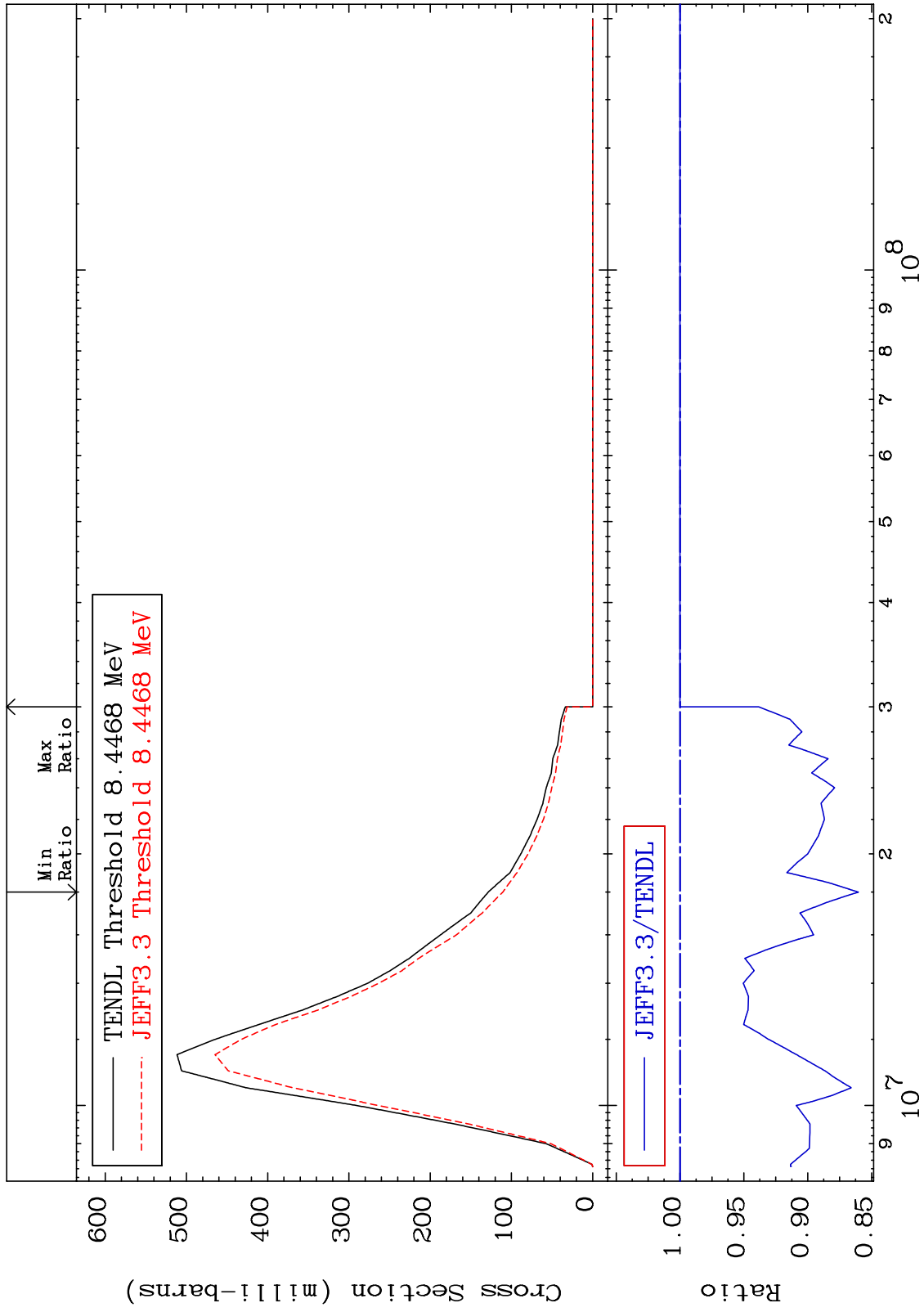
10-Ne-22



MAT 1031

(n, n') Continuum  
Cross Section

10-Ne-22  
-13.97 To 0.000 %



48

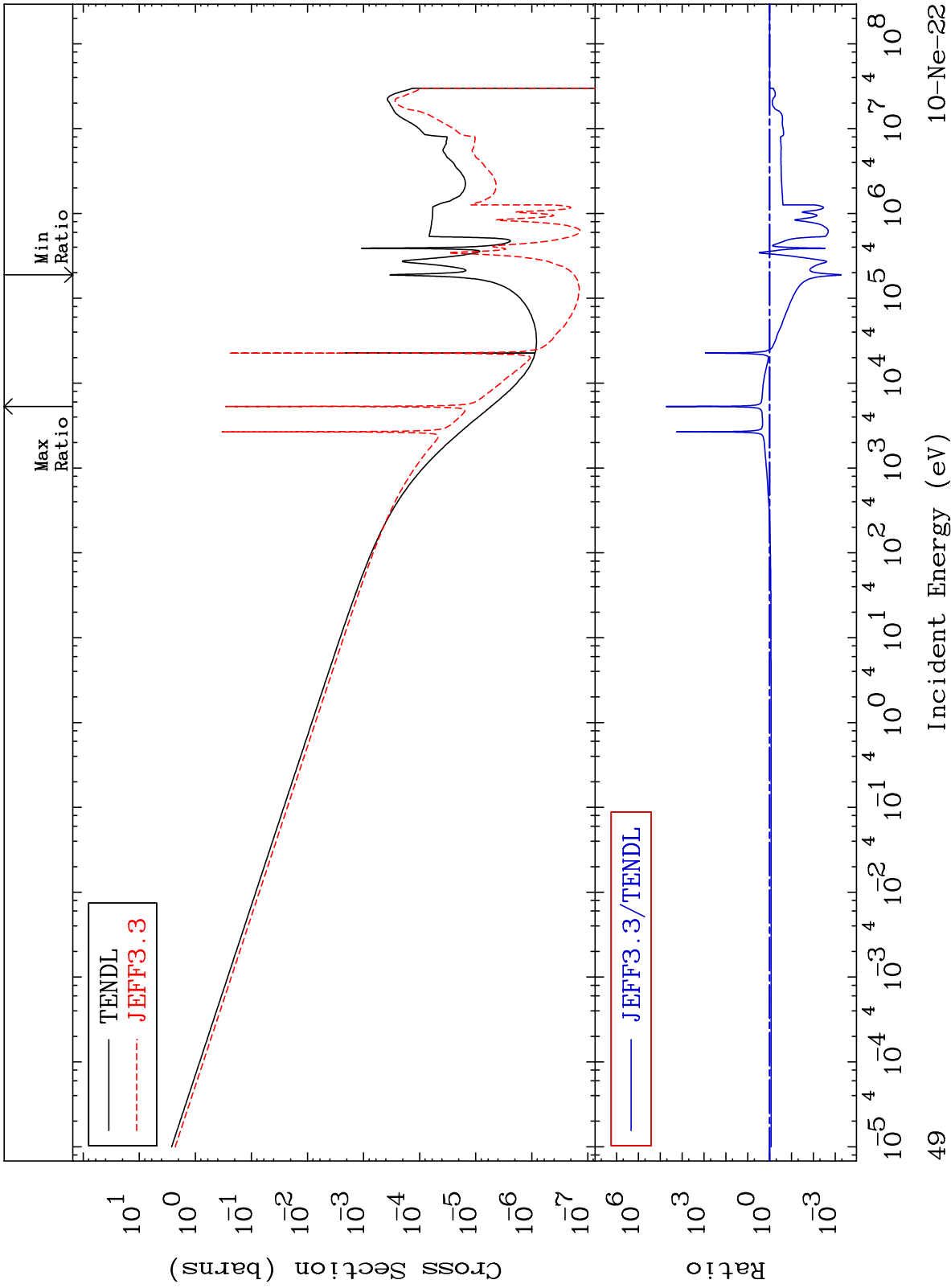
Incident Energy (eV)

10-Ne-22

MAT 1031

(n,  $\gamma$ )  
Cross Section

10-Ne-22  
-99.95 To 9999. %



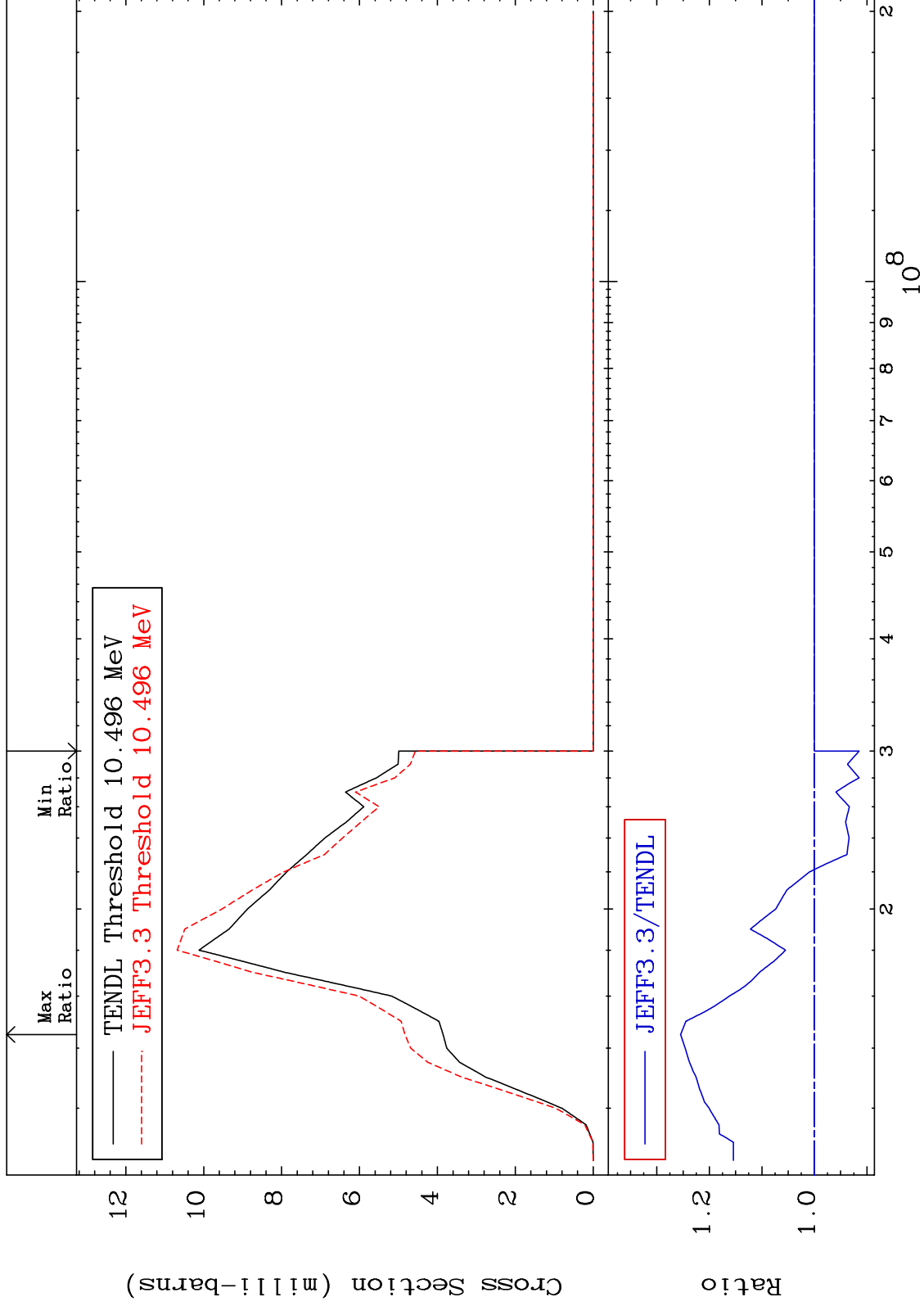
MAT 1031

(n,p)

10-Ne-22

Cross Section

-8.522 To 25.47 %



50

Incident Energy (eV)

10-Ne-22

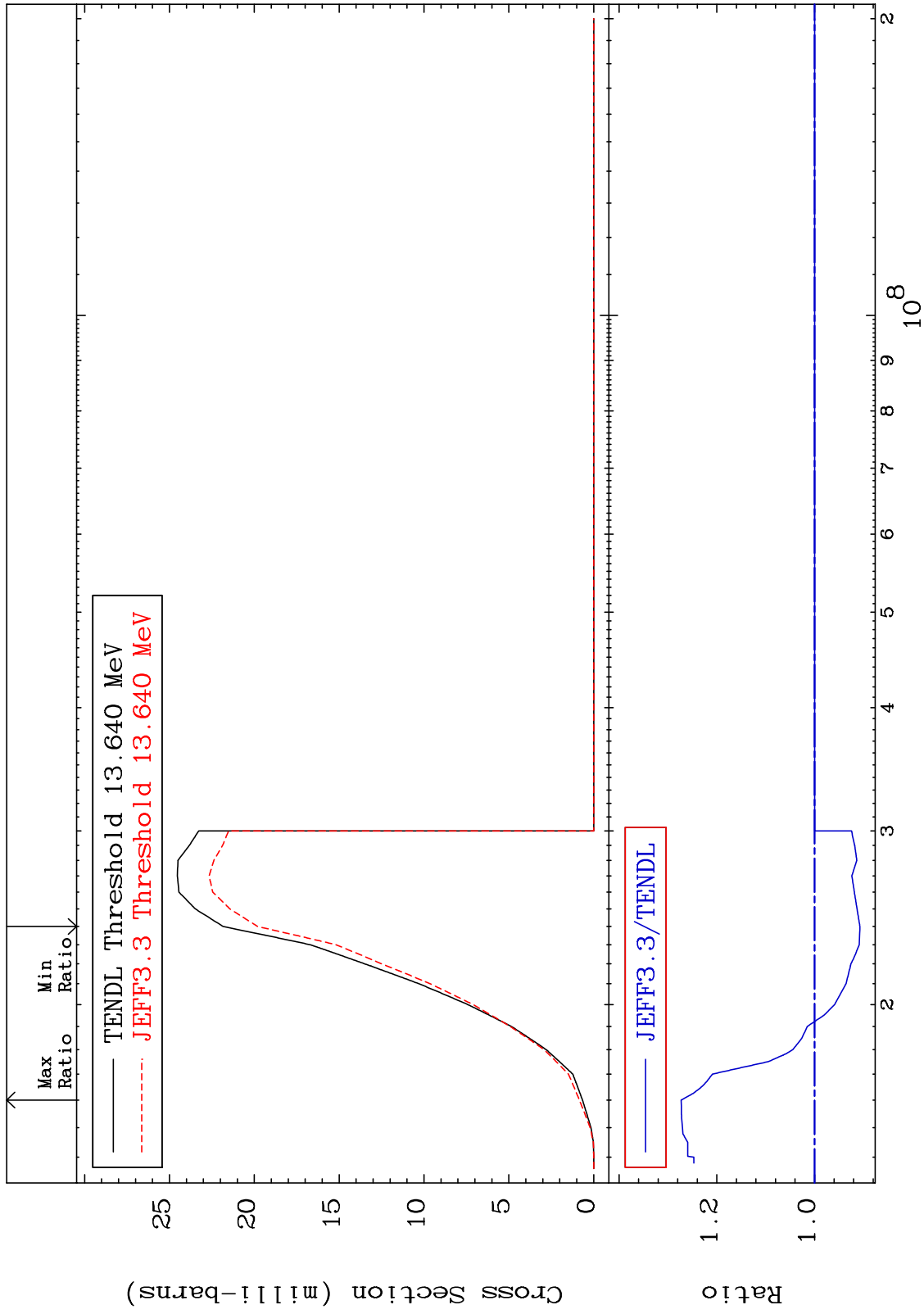
MAT 1031

(n, d)

10-Ne-22

Cross Section

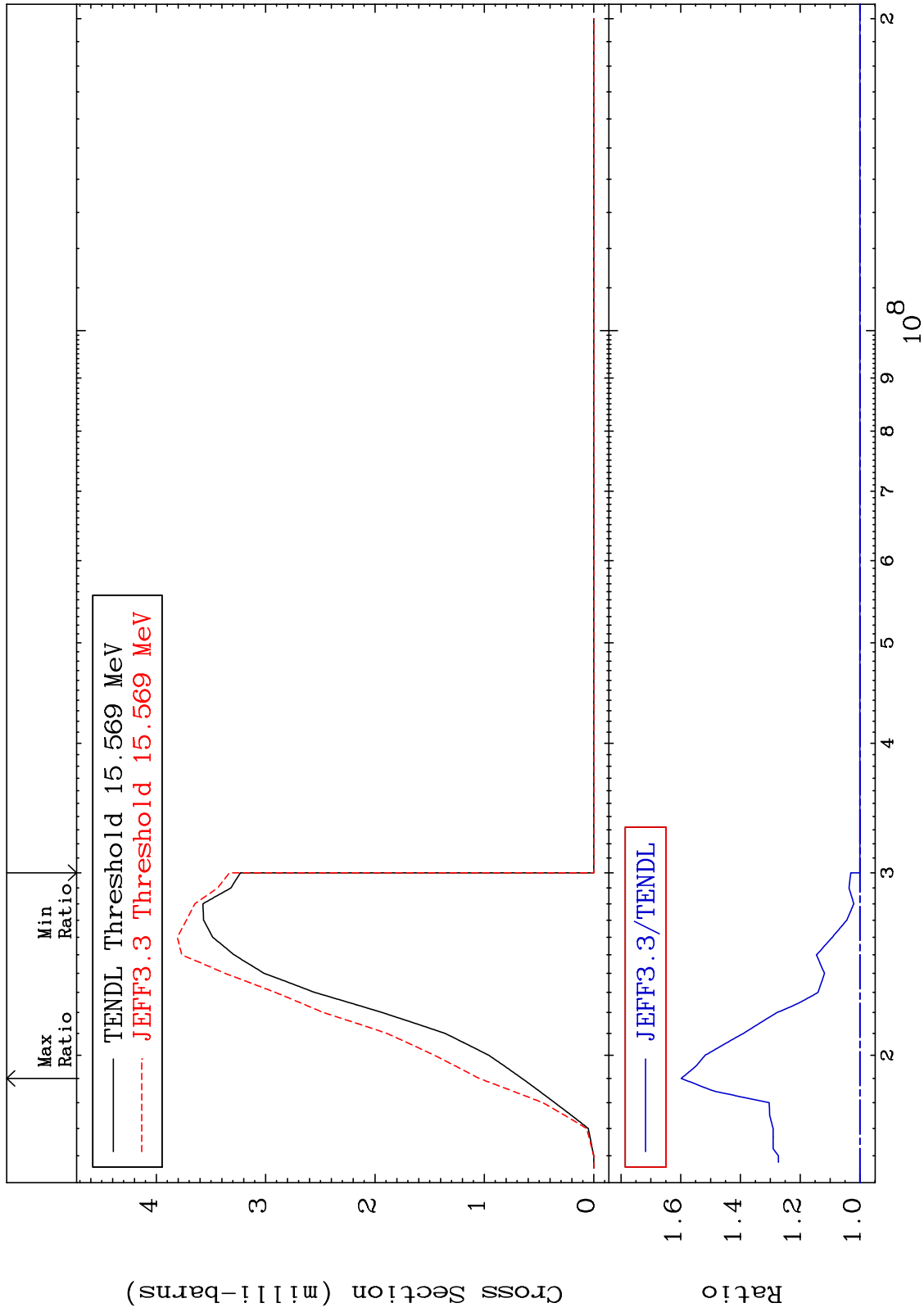
-9.289 To 27.29 %

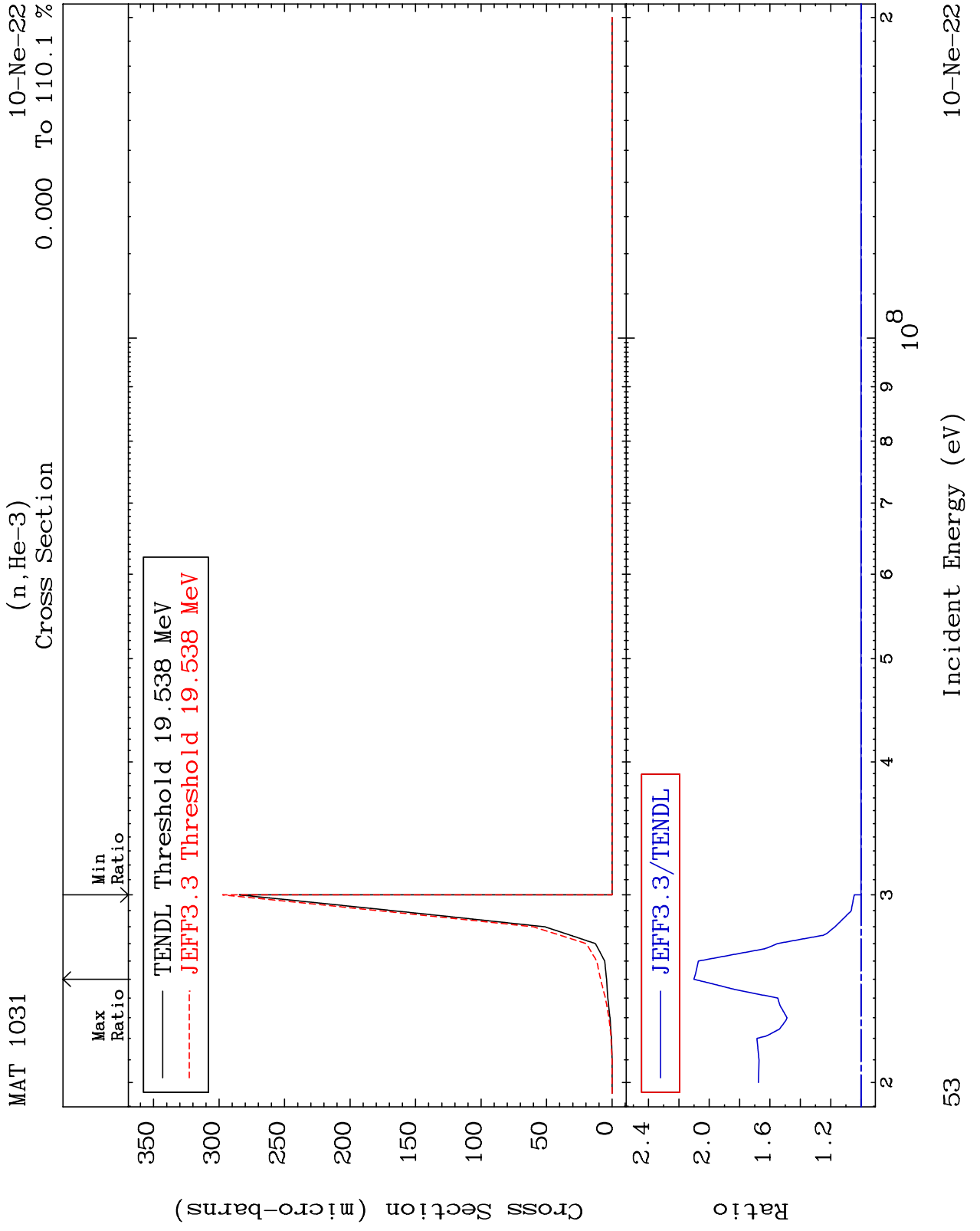


MAT 1031

(n, t)  
Cross Section

10-Ne-22  
0.000 To 59.83 %





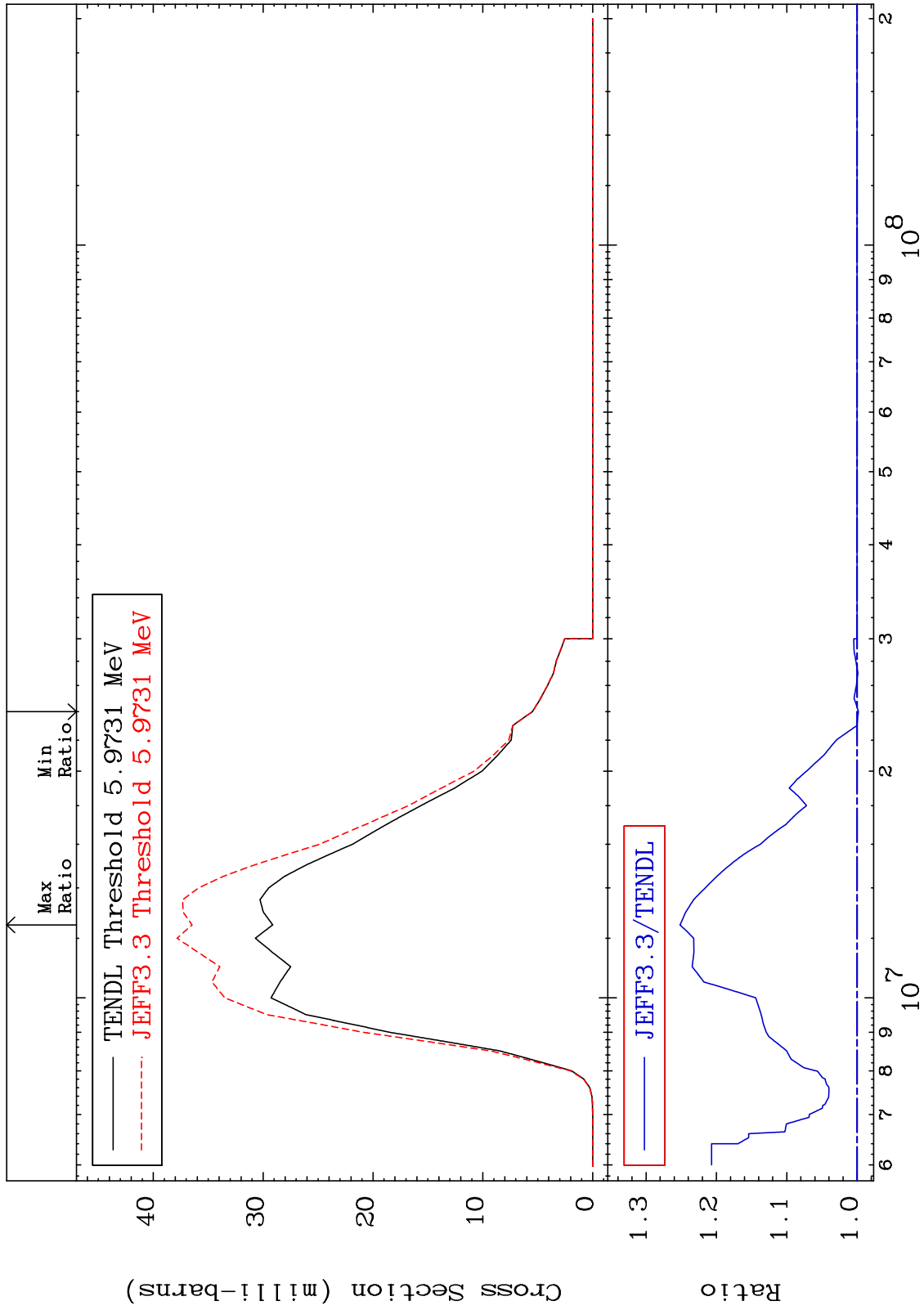
MAT 1031

(n,  $\alpha$ )

10-Ne-22

Cross Section

-0.178 To 25.18 %



MAT 1031

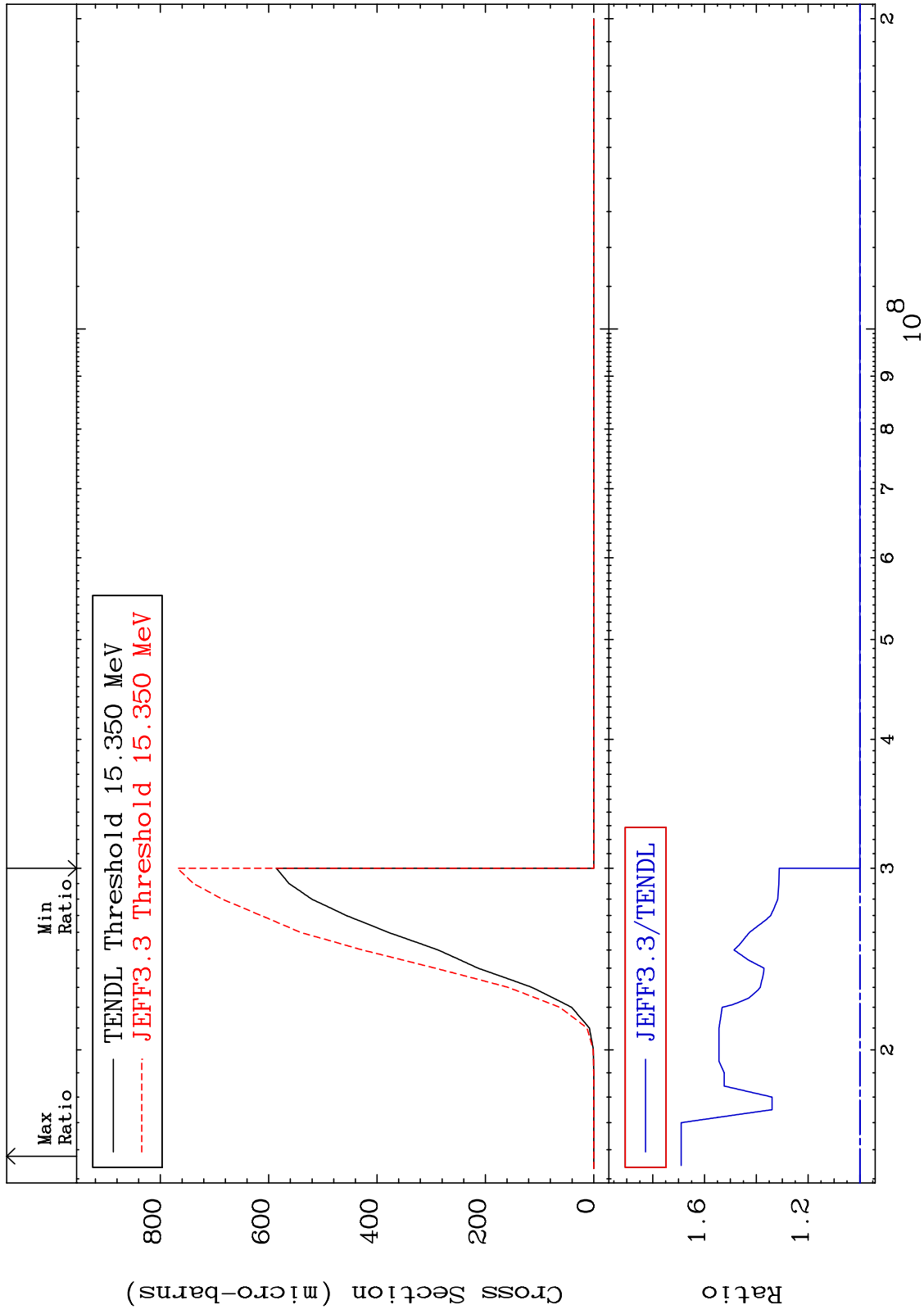
(n,2α)

10-Ne-22

Cross Section

0.000

To 68.99 %



55

Incident Energy (eV)

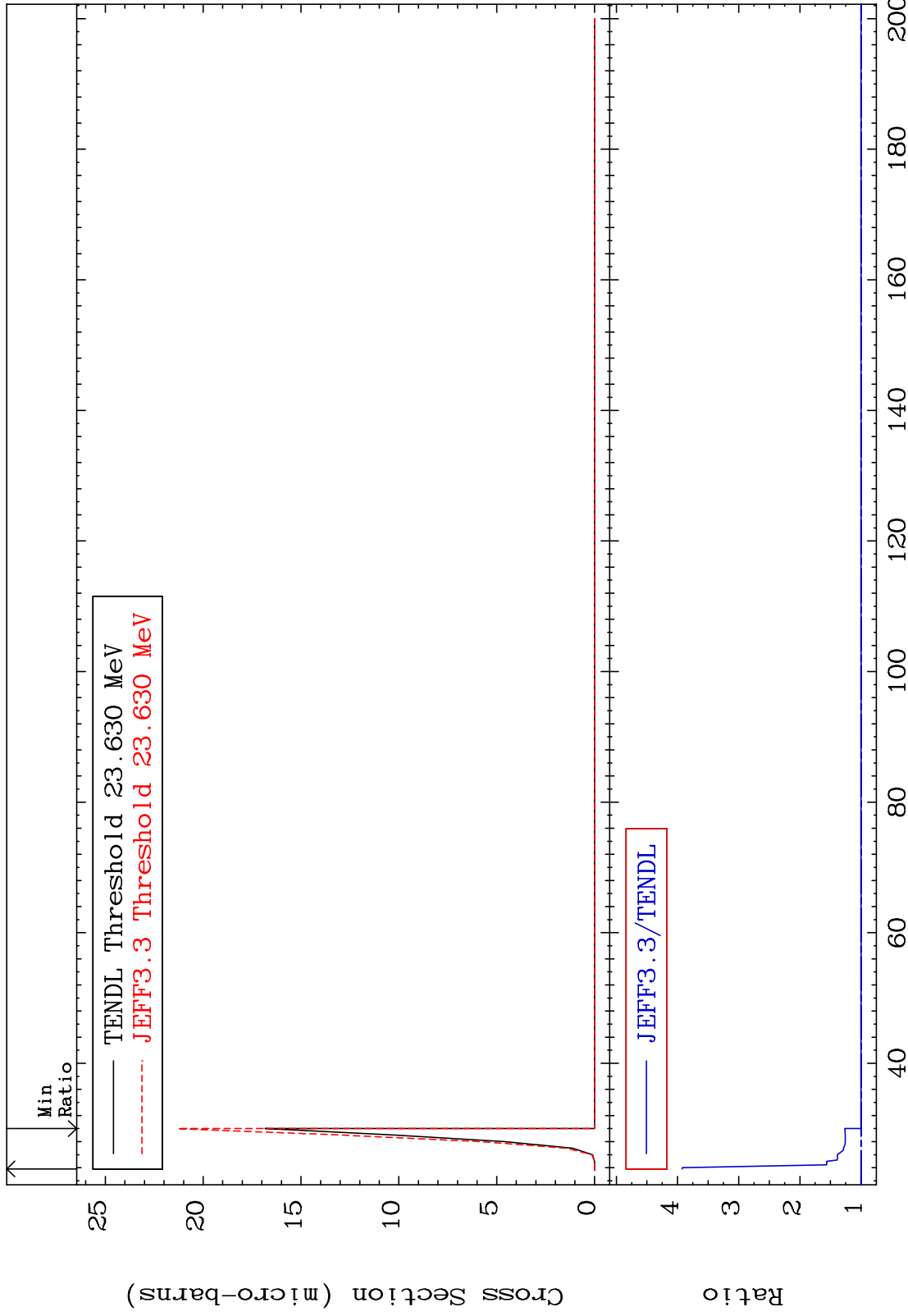
10-Ne-22



MAT 1031

(n,2p)  
Cross Section

10-Ne-22  
0.000 To 292.5 %

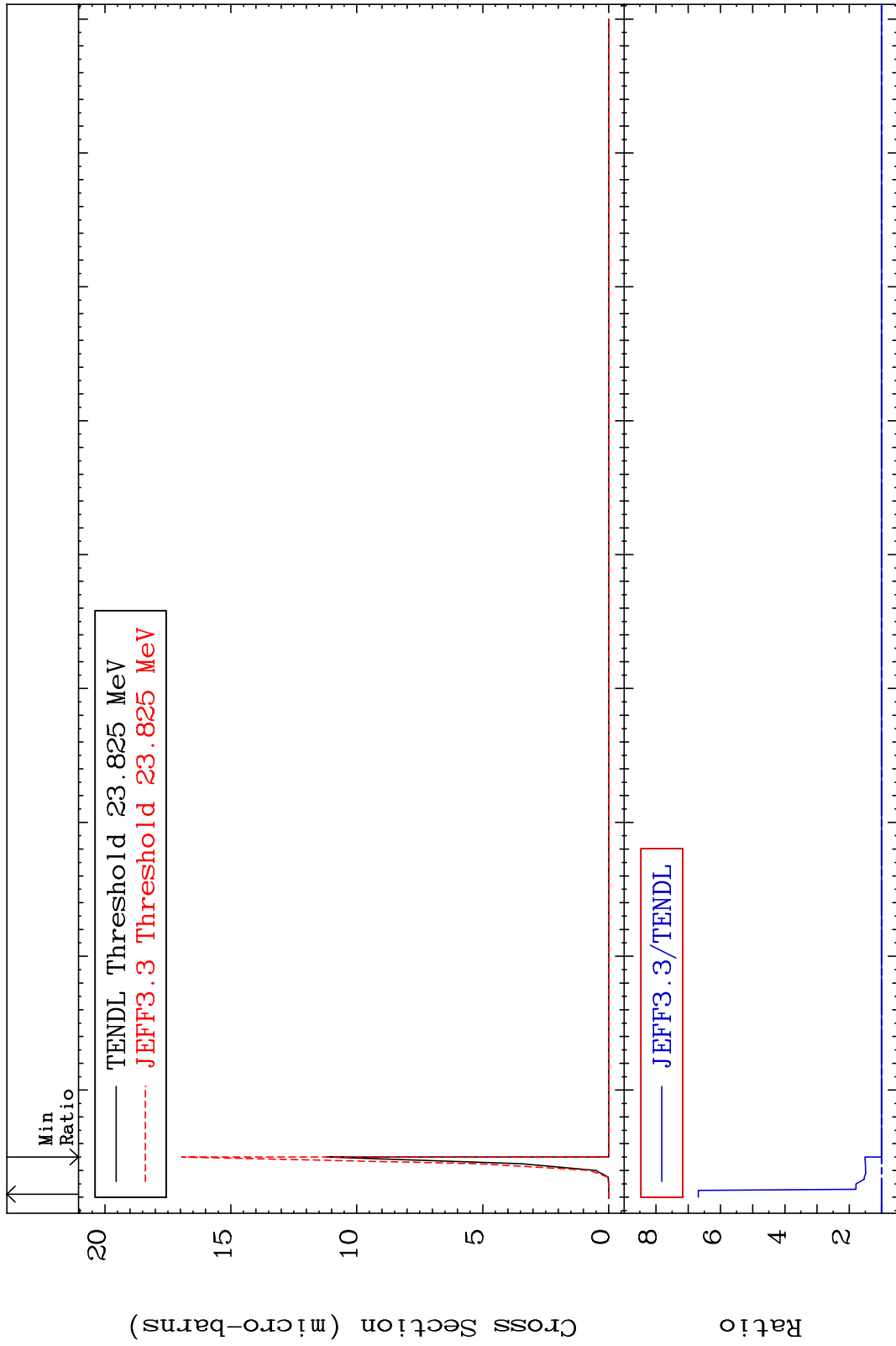


MAT 1031

(n,p)  $\alpha$

Cross Section

10-Ne-22  
0.000 To 568.4 %



Incident Energy (MeV)

57

10-Ne-22

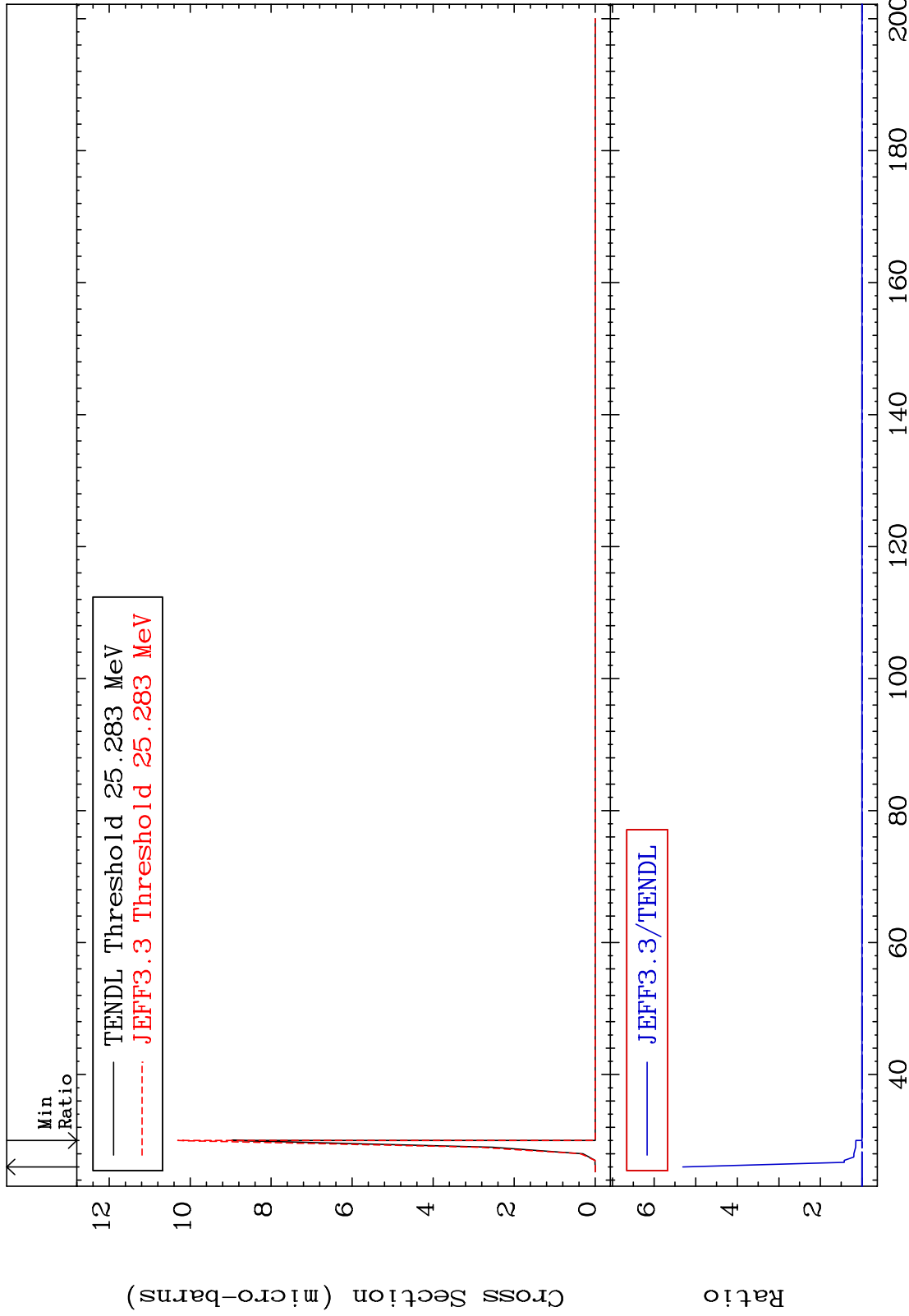
MAT 1031

(n,p) d

10-Ne-22

Cross Section

0.000 To 430.9 %



58

Incident Energy (MeV)

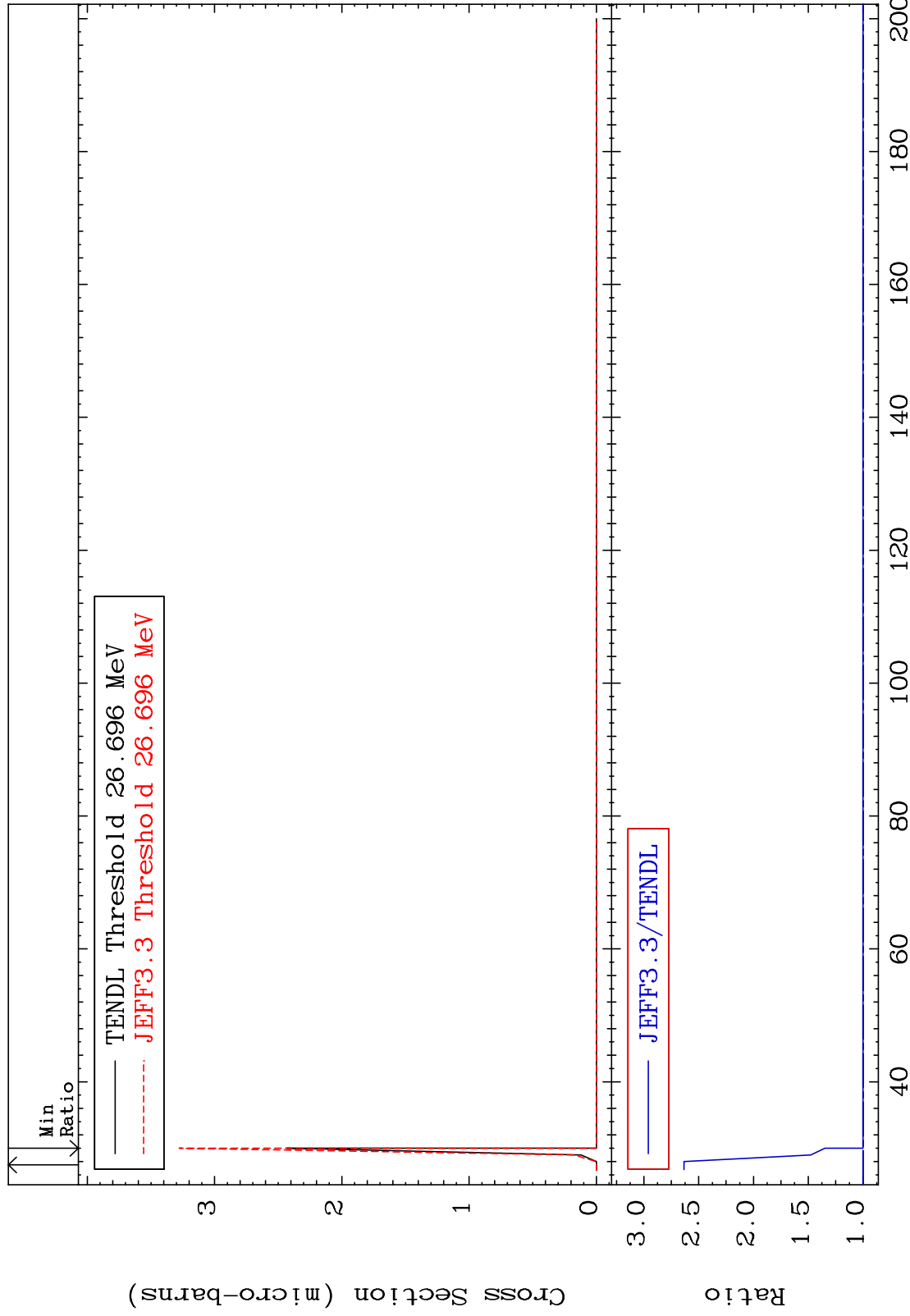
10-Ne-22

MAT 1031

(n,p) t

Cross Section

10-Ne-22  
To 163.4 %  
0.000



59

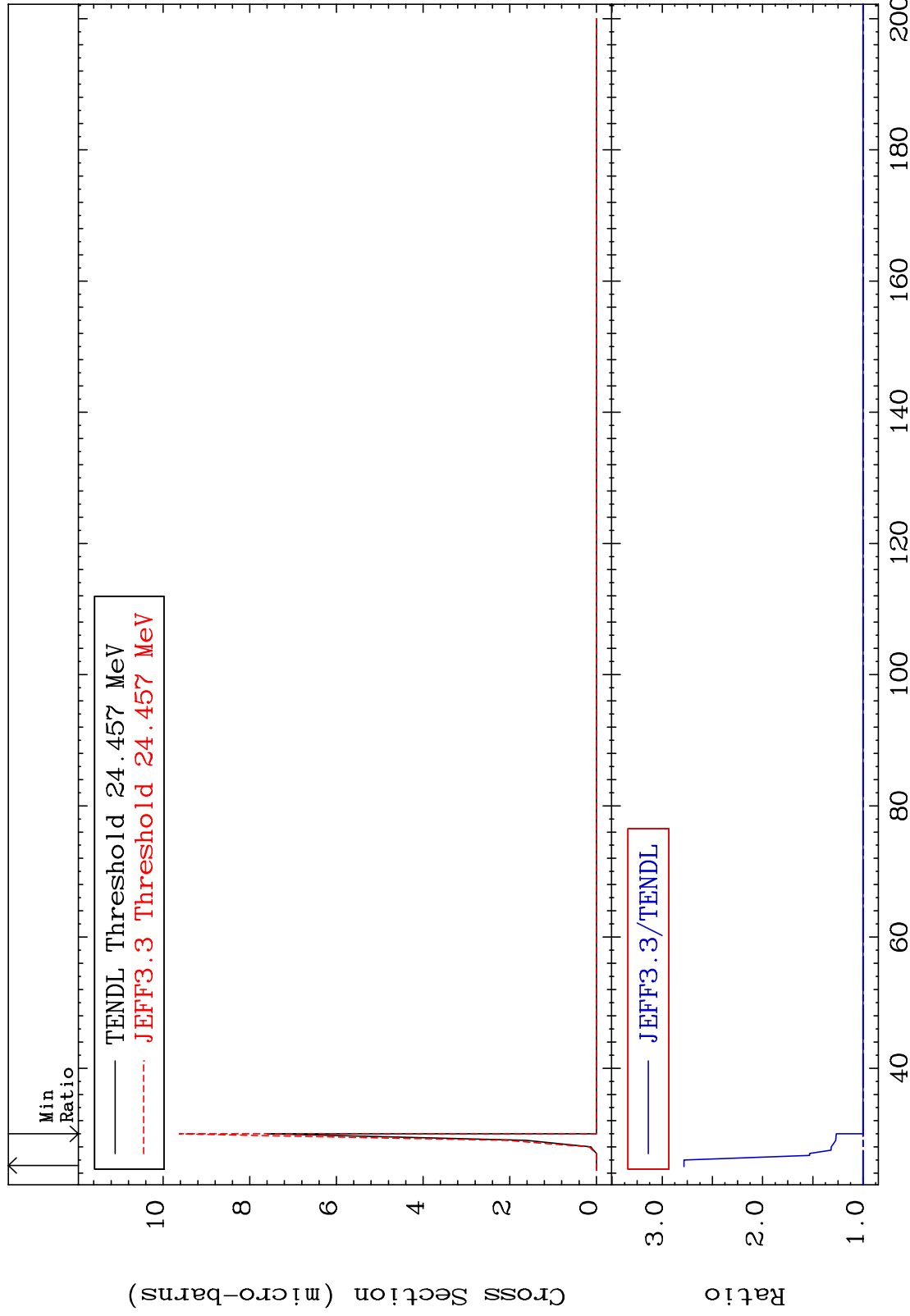
10-Ne-22

MAT 1031

(n,d)  $\alpha$

Cross Section

10-Ne-22  
To 178.3 %  
0.000



60

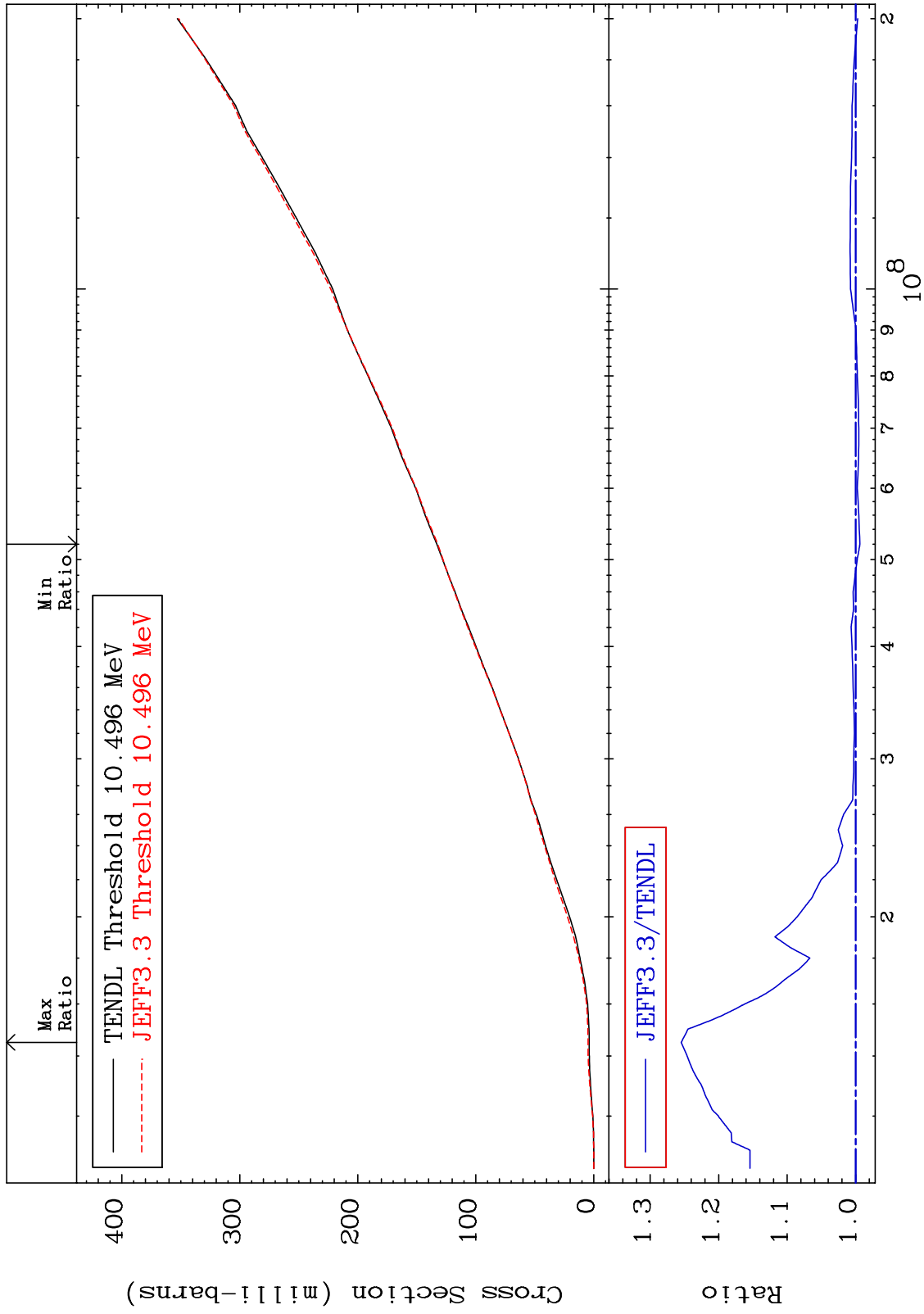
Incident Energy (MeV)

10-Ne-22

MAT 1031

Hydrogen Production  
Cross Section

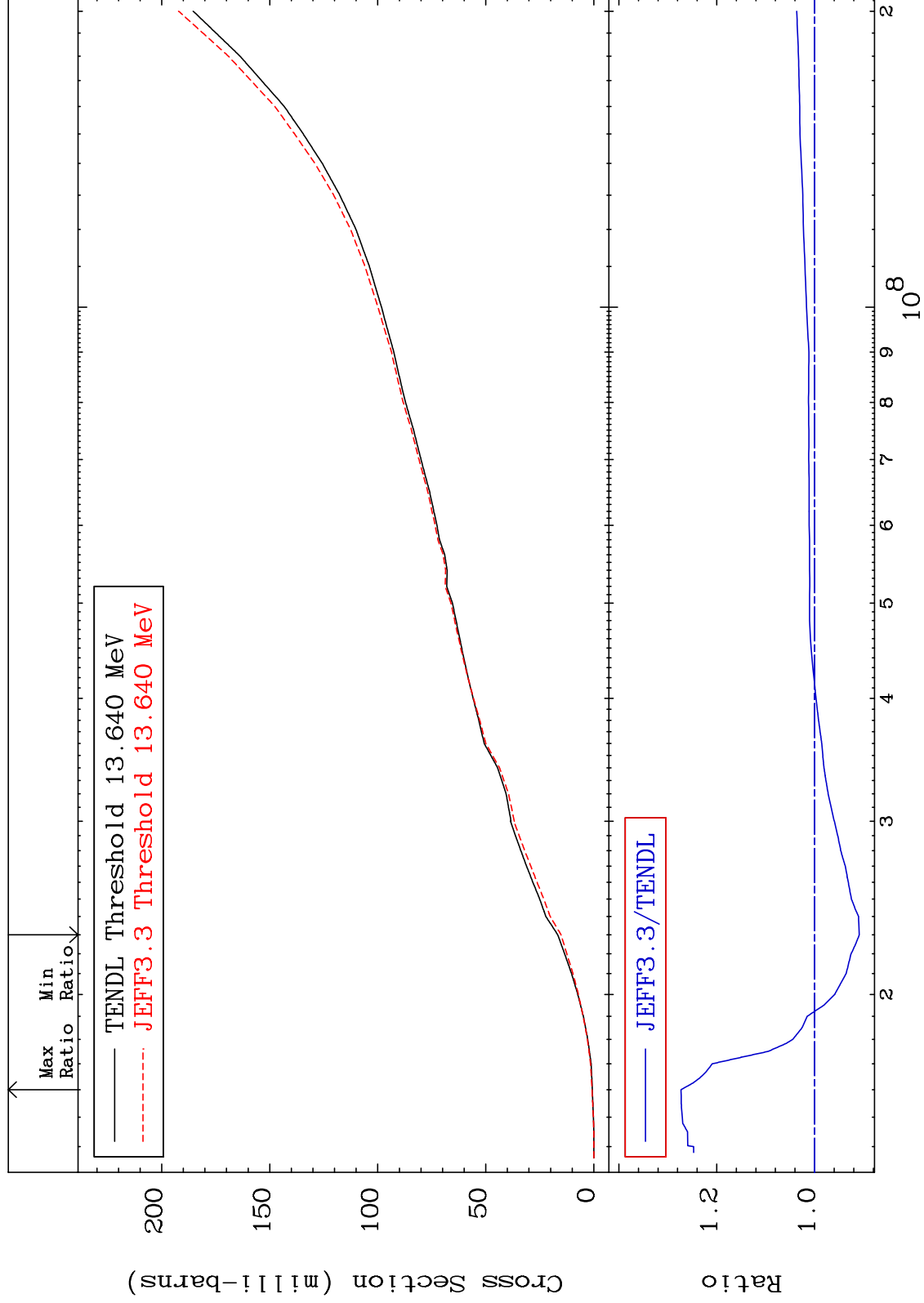
10-Ne-22  
-0.620 To 25.47 %



MAT 1031

Deuterium Production  
Cross Section

10-Ne-22  
-9.136 To 27.29 %



62

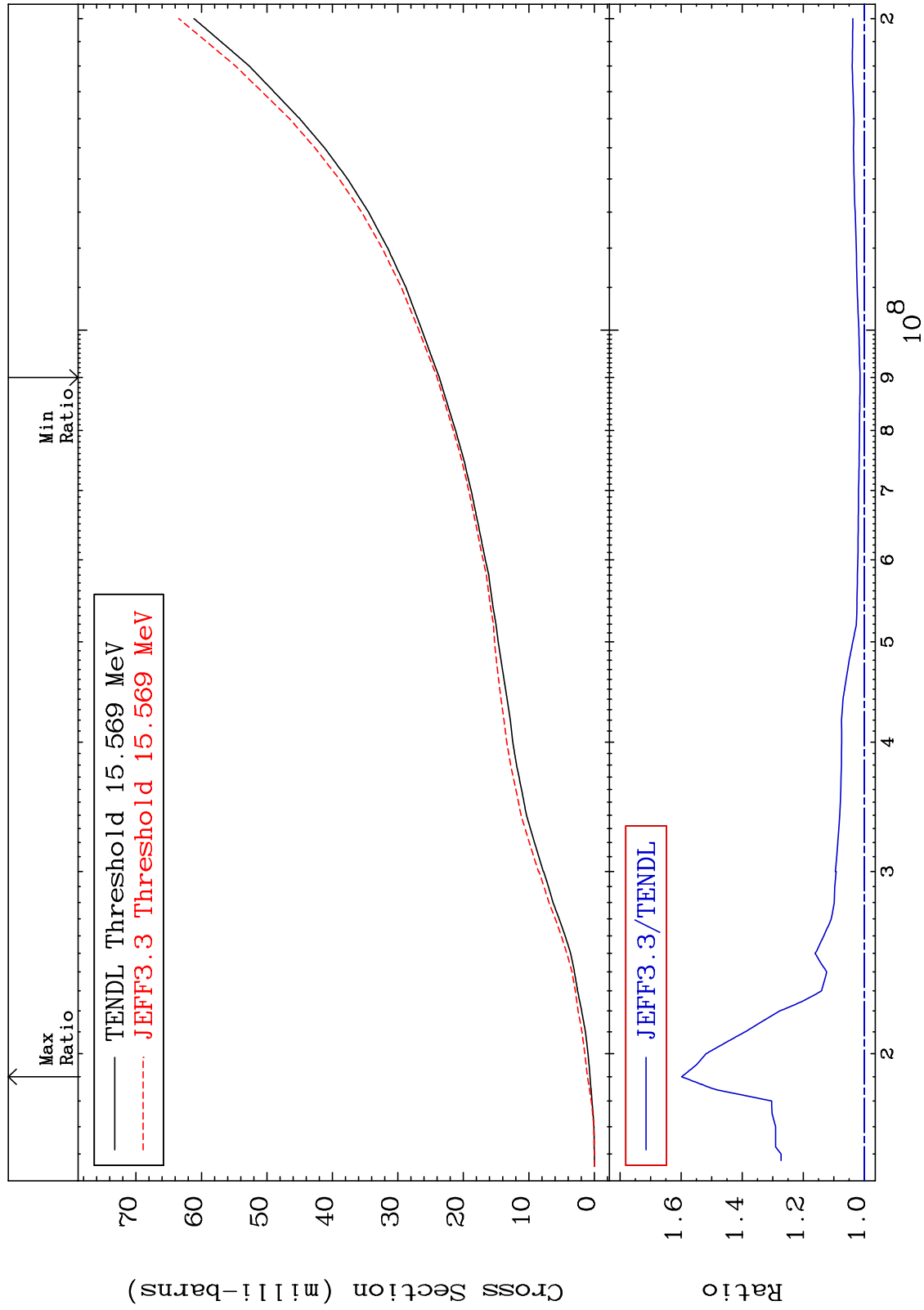
Incident Energy (eV)

10-Ne-22

MAT 1031

Tritium Production  
Cross Section

10-Ne-22  
1.427 To 59.83 %



63

Incident Energy (eV)

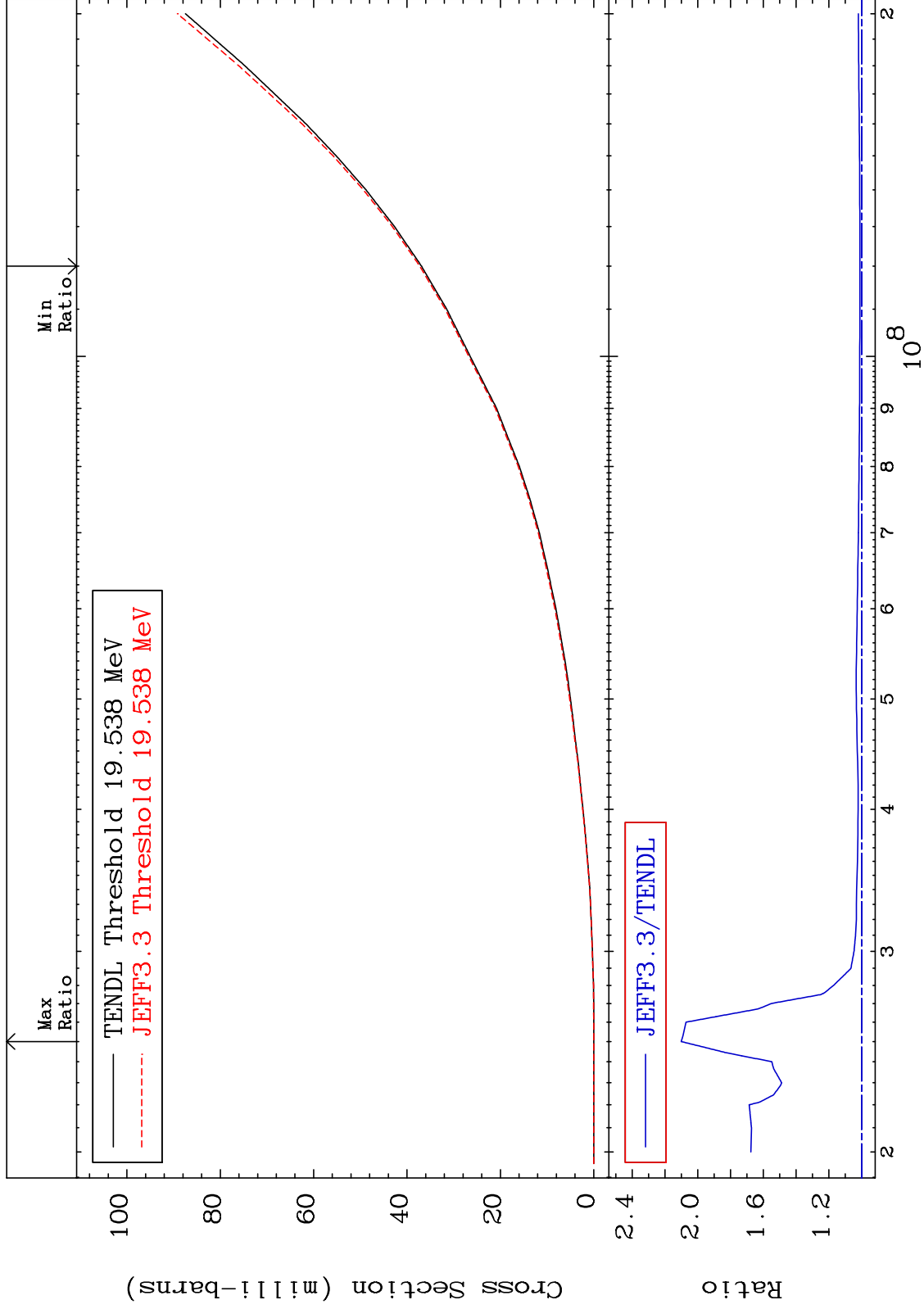
10-Ne-22



MAT 1031

He-3 Production  
Cross Section

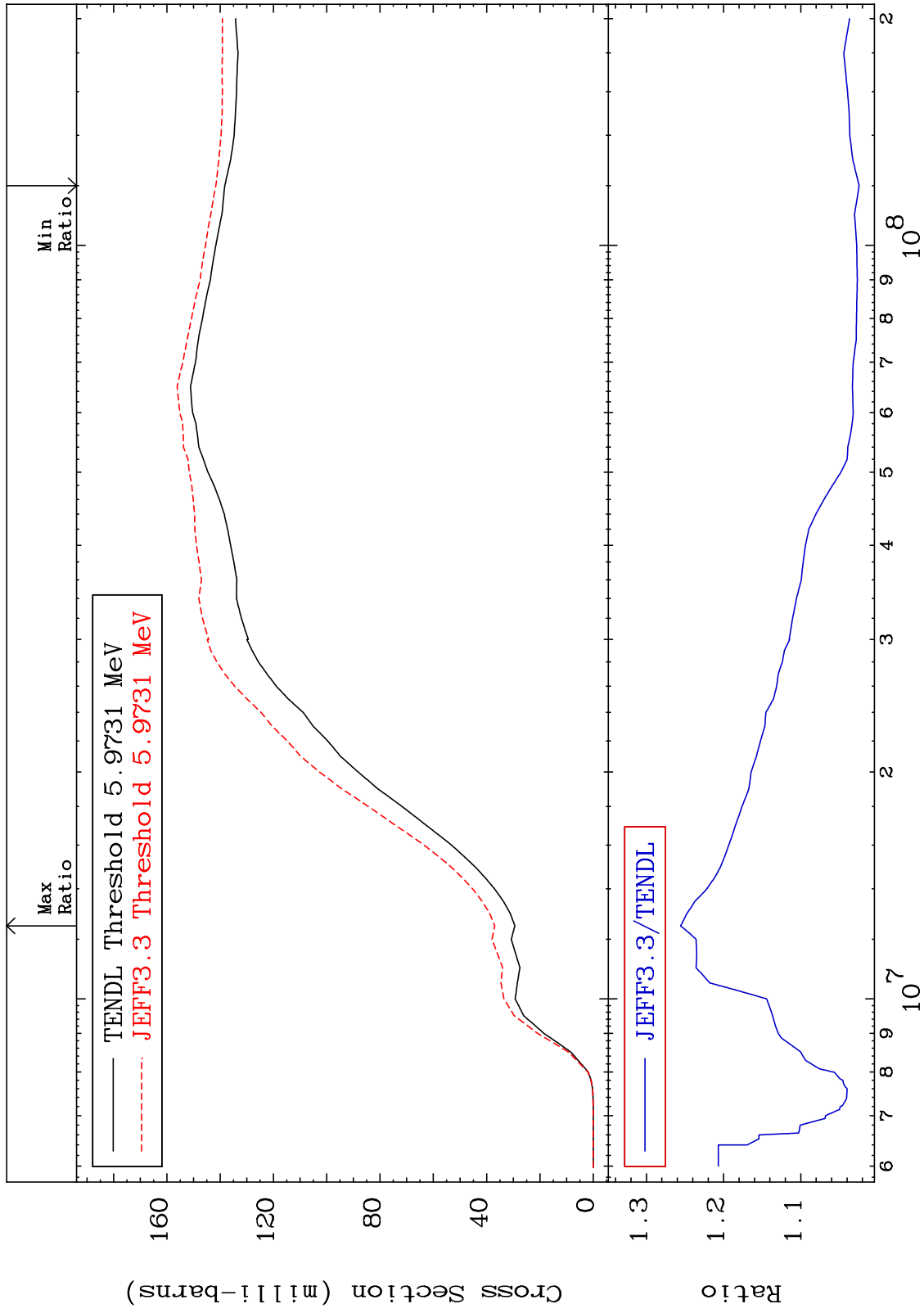
10-Ne-22  
To 110.1 %  
0.996



MAT 1031

He-4 Production  
Cross Section

10-Ne-22  
To 25.57 %  
2.431



65

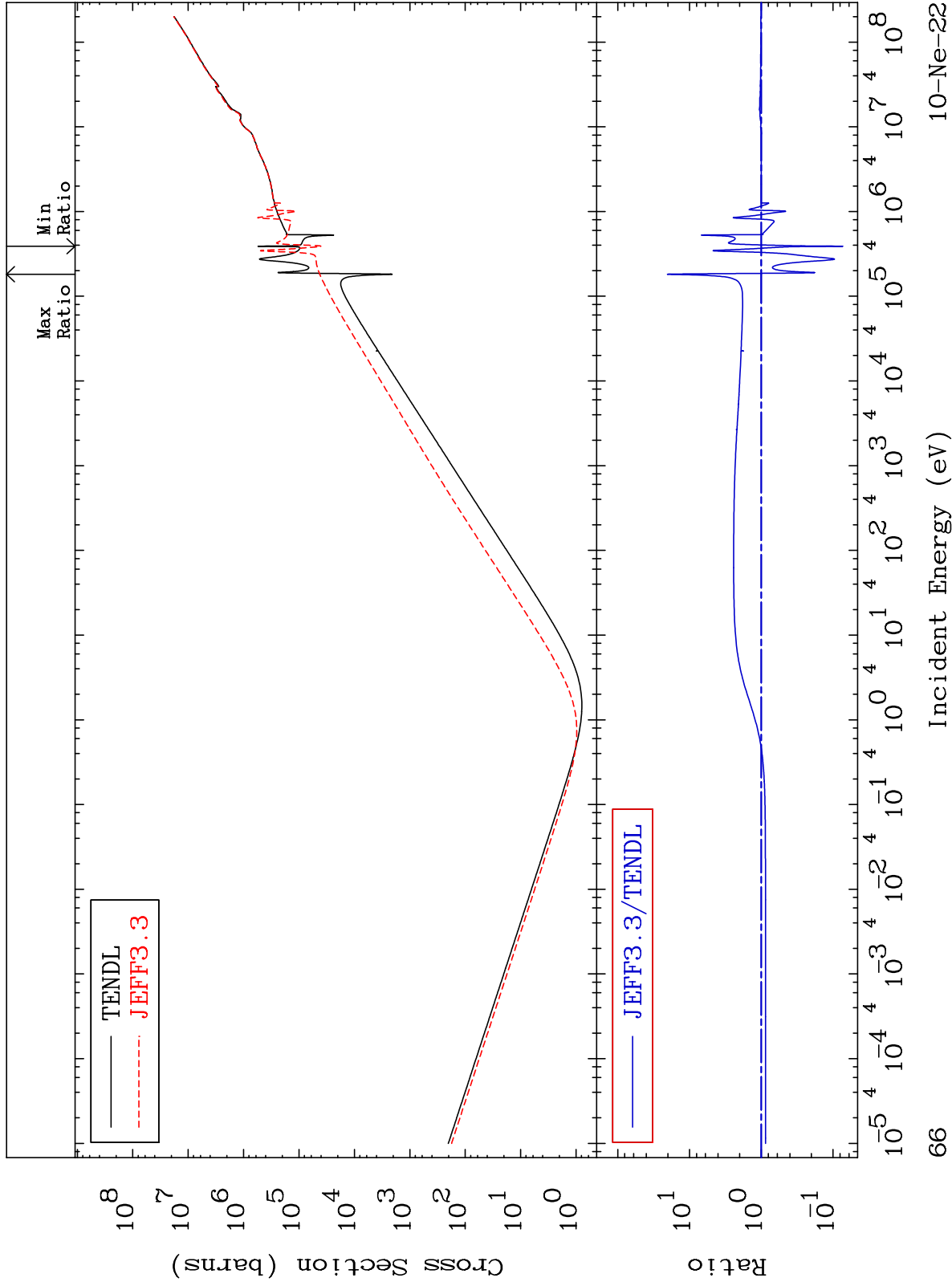
Incident Energy (eV)

10-Ne-22

MAT 1031

Kerma total (eV-barns)  
Cross Section

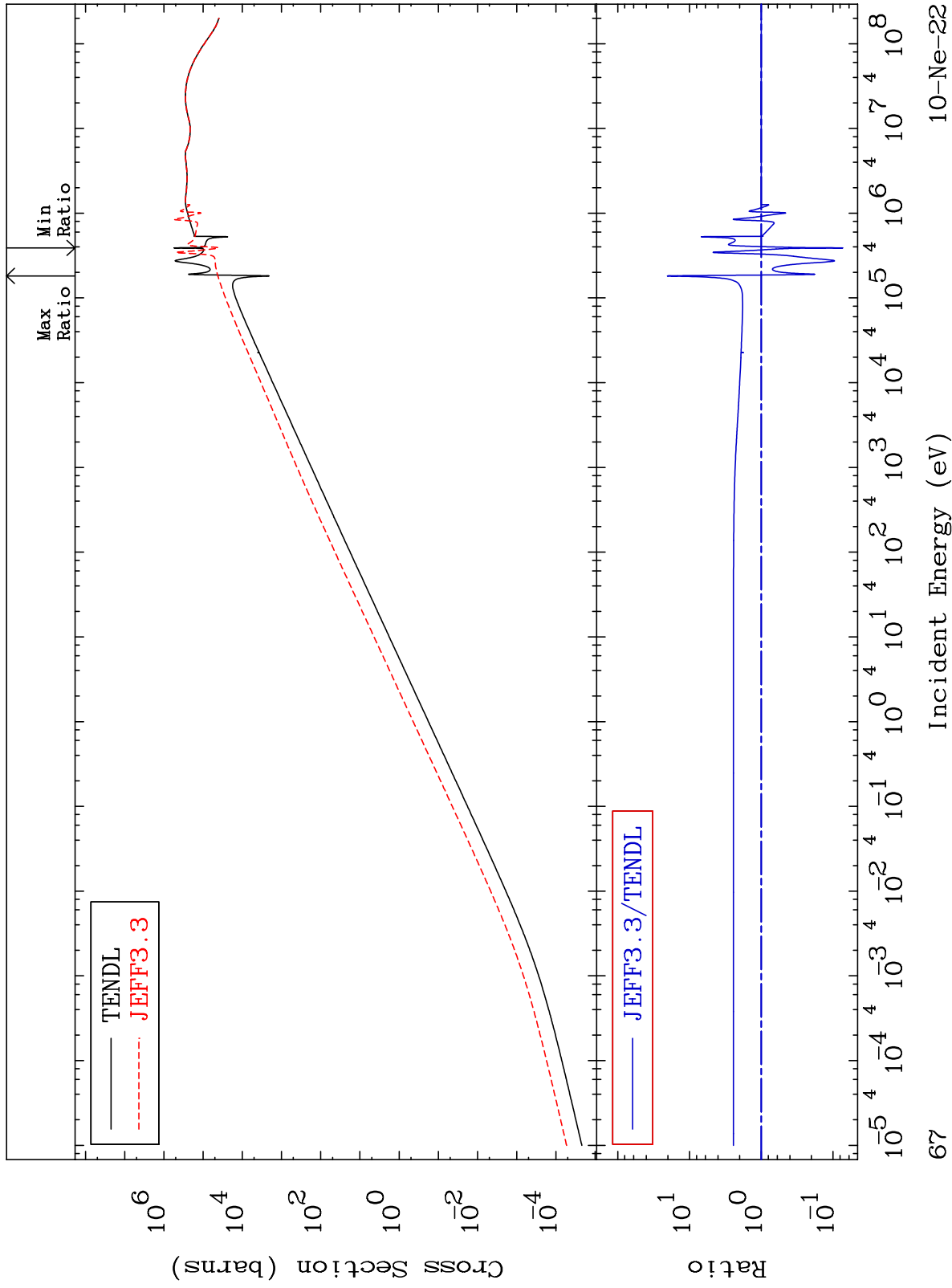
10-Ne-22  
-92.65 To 1925. %



MAT 1031

Kerma elastic  
Cross Section

10-Ne-22  
-92.65 To 1925. %



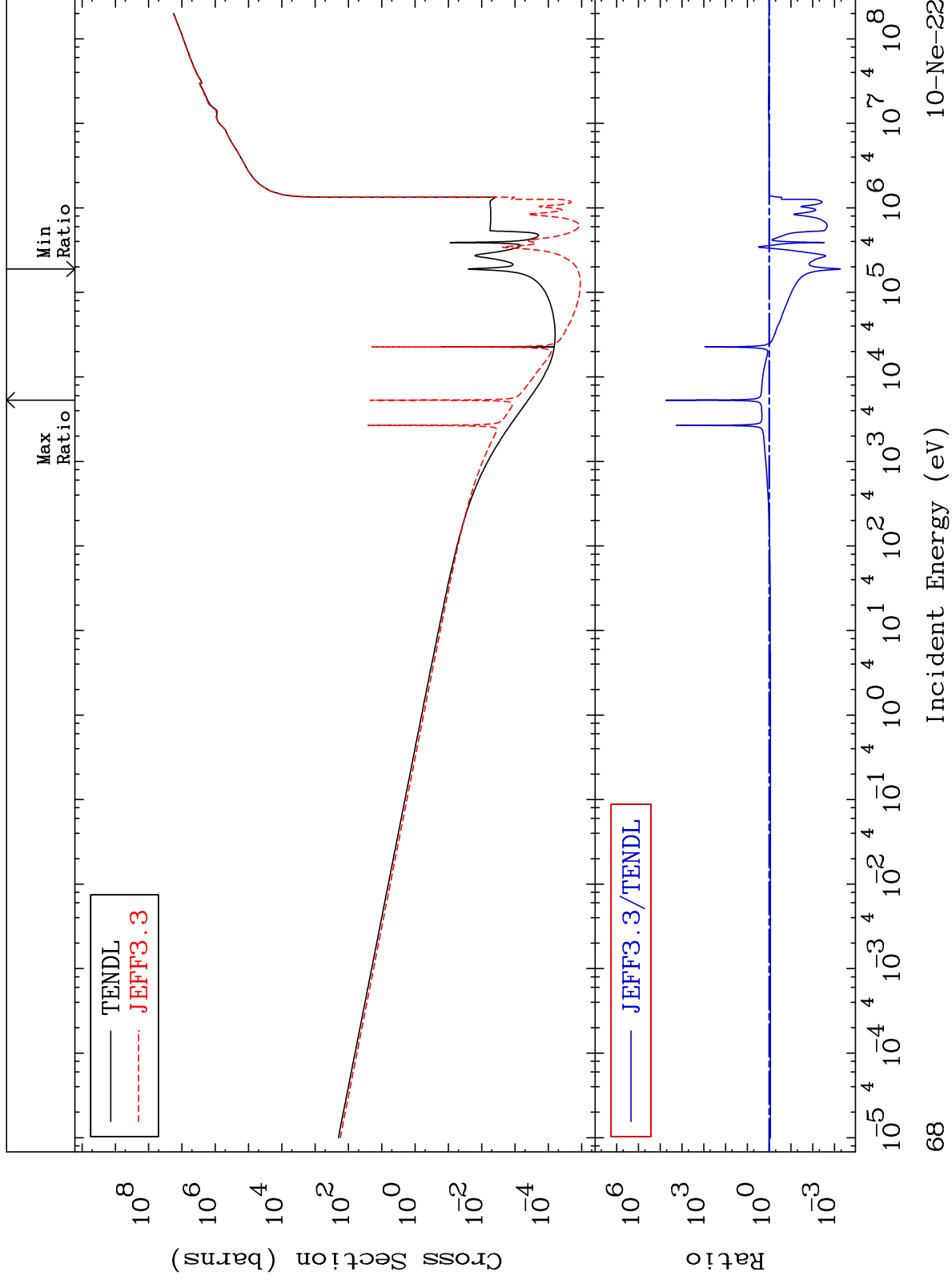
67

10-Ne-22

MAT 1031

Kerma non-elastic (all but mt2)  
Cross Section

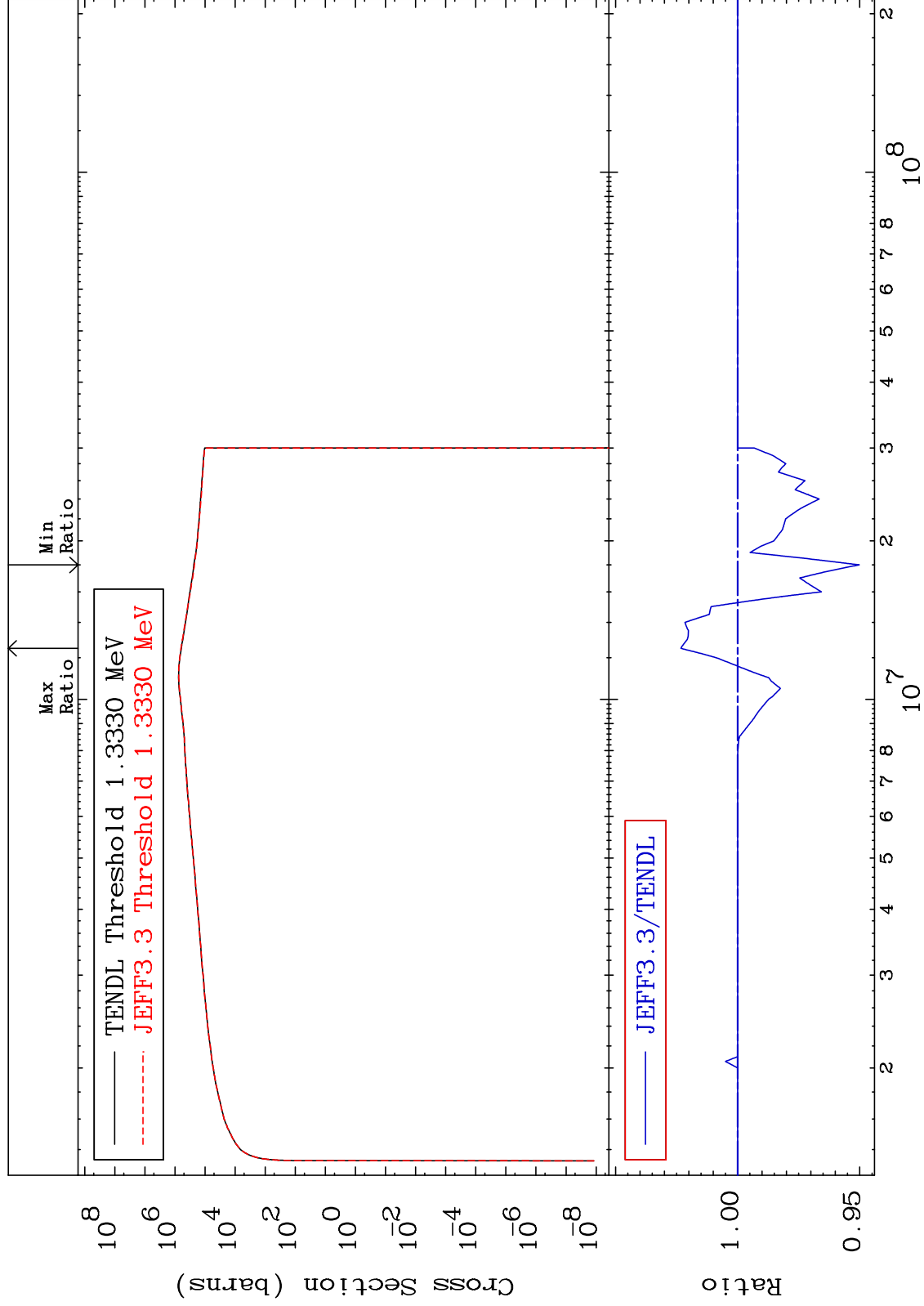
10-Ne-22  
-99.95 To 9999. %



MAT 1031

Kerma inelastic (mt51-91)  
Cross Section

10-Ne-22  
-4.980 To 2.317 %



69

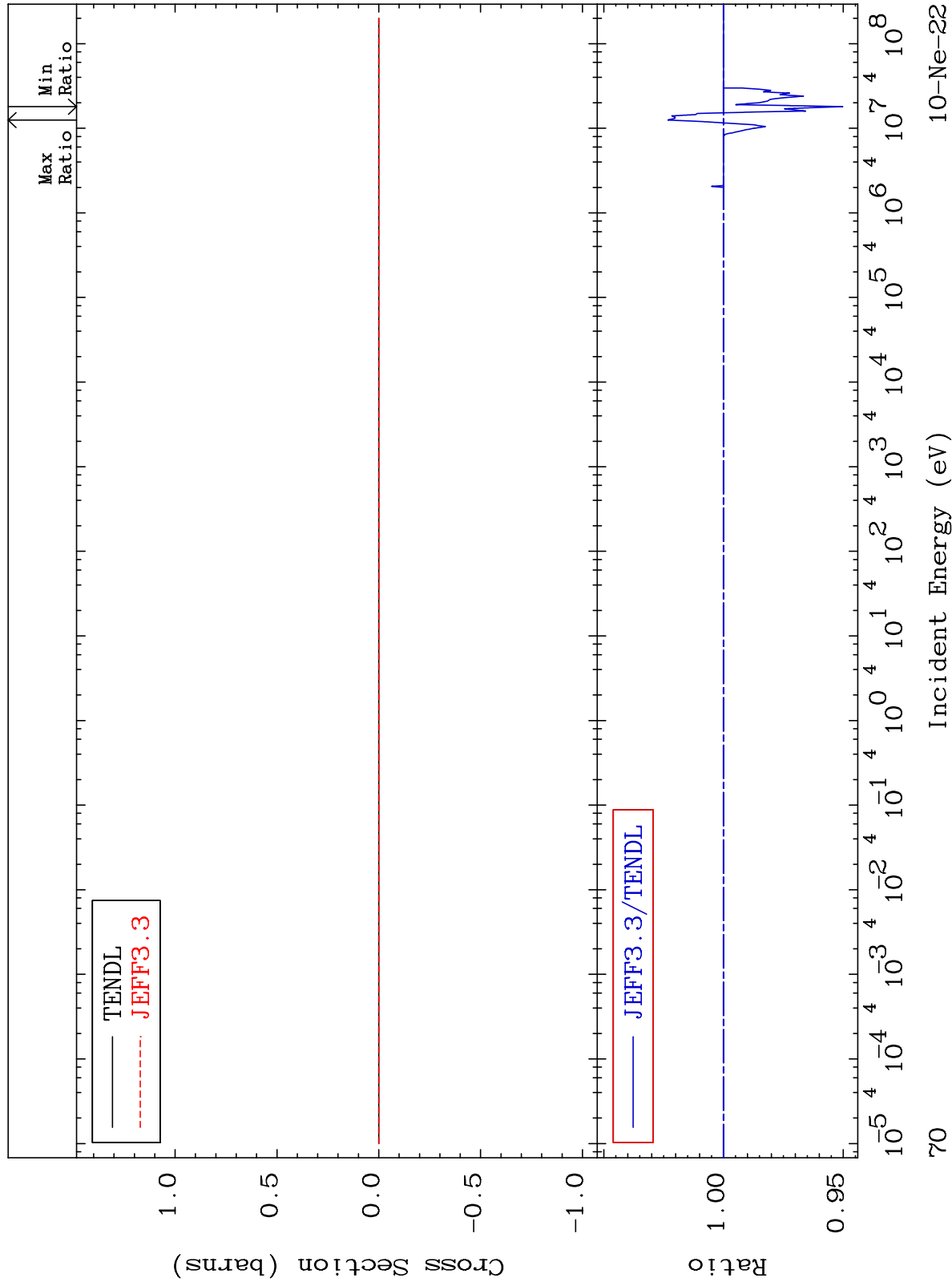
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
-4.980 To 2.317 %



10-Ne-22

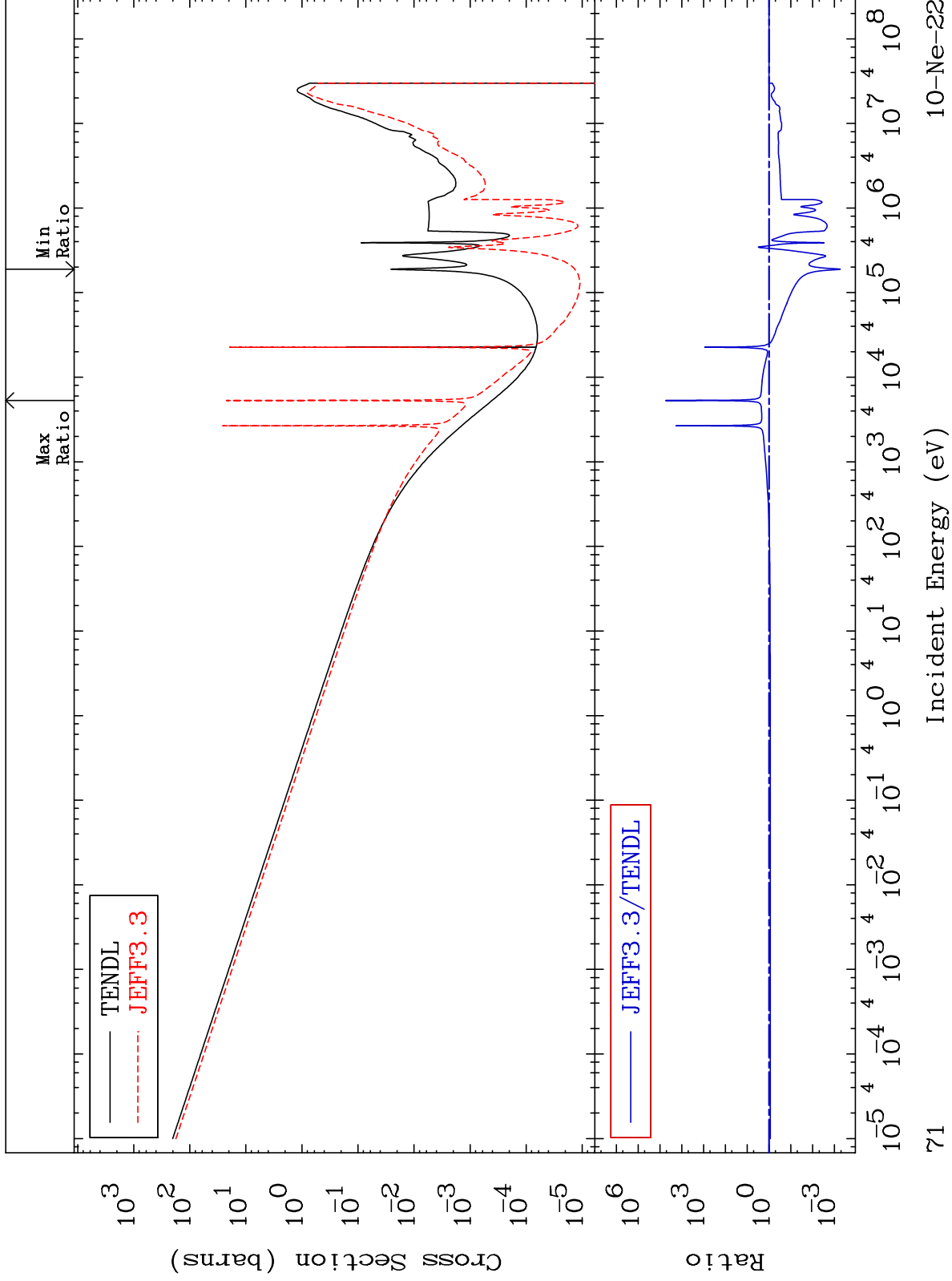
Incident Energy (eV)

70

MAT 1031

Kerma capture (mt102)  
Cross Section

10-Ne-22  
-99.95 To 9999. %



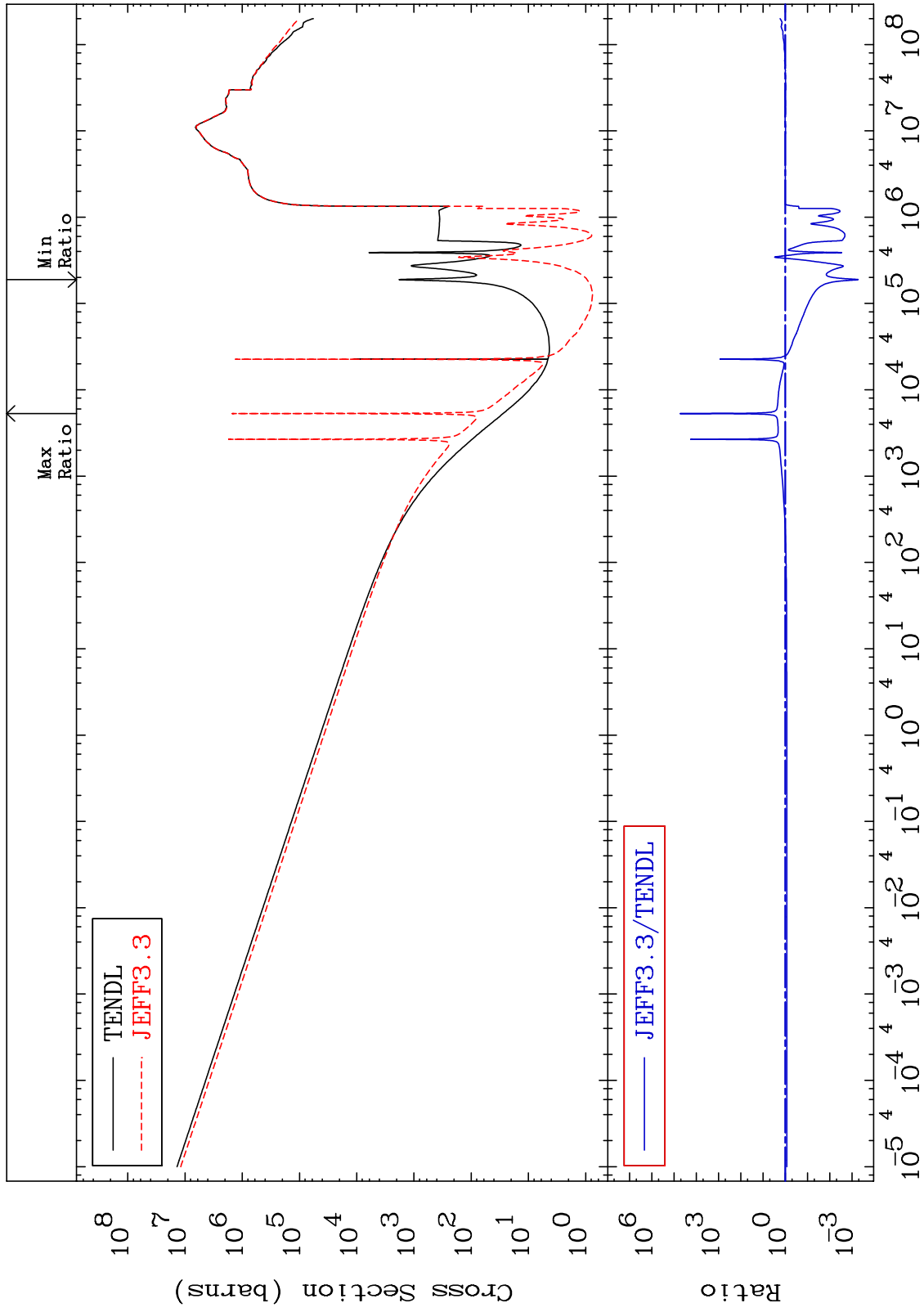


MAT 1031

Total photon (eV-barns)  
Cross Section

10-Ne-22

-99.95 To 9999. %



72

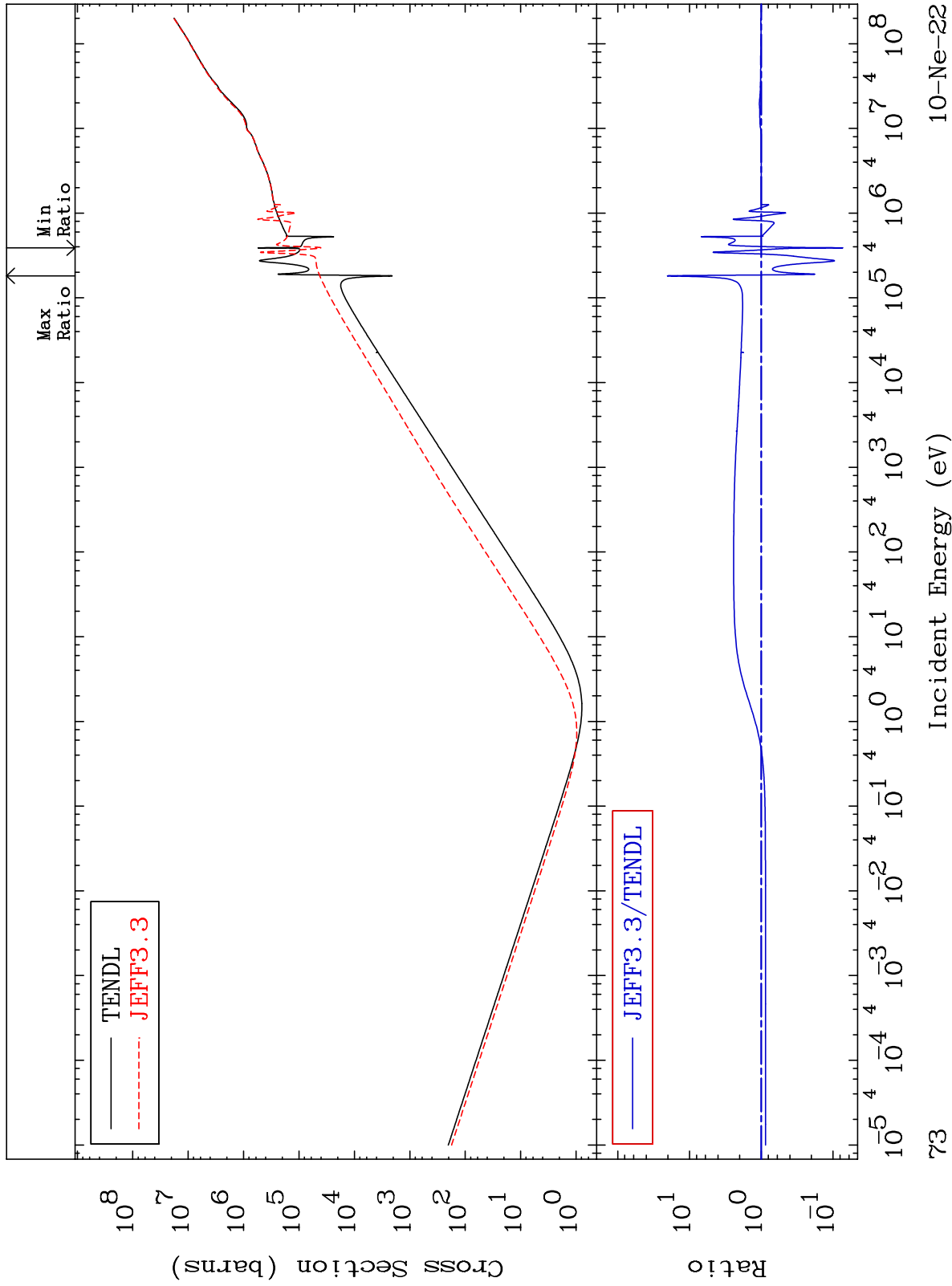
Incident Energy (eV)

10-Ne-22

MAT 1031

Total kinematic kerma (high limit)  
Cross Section

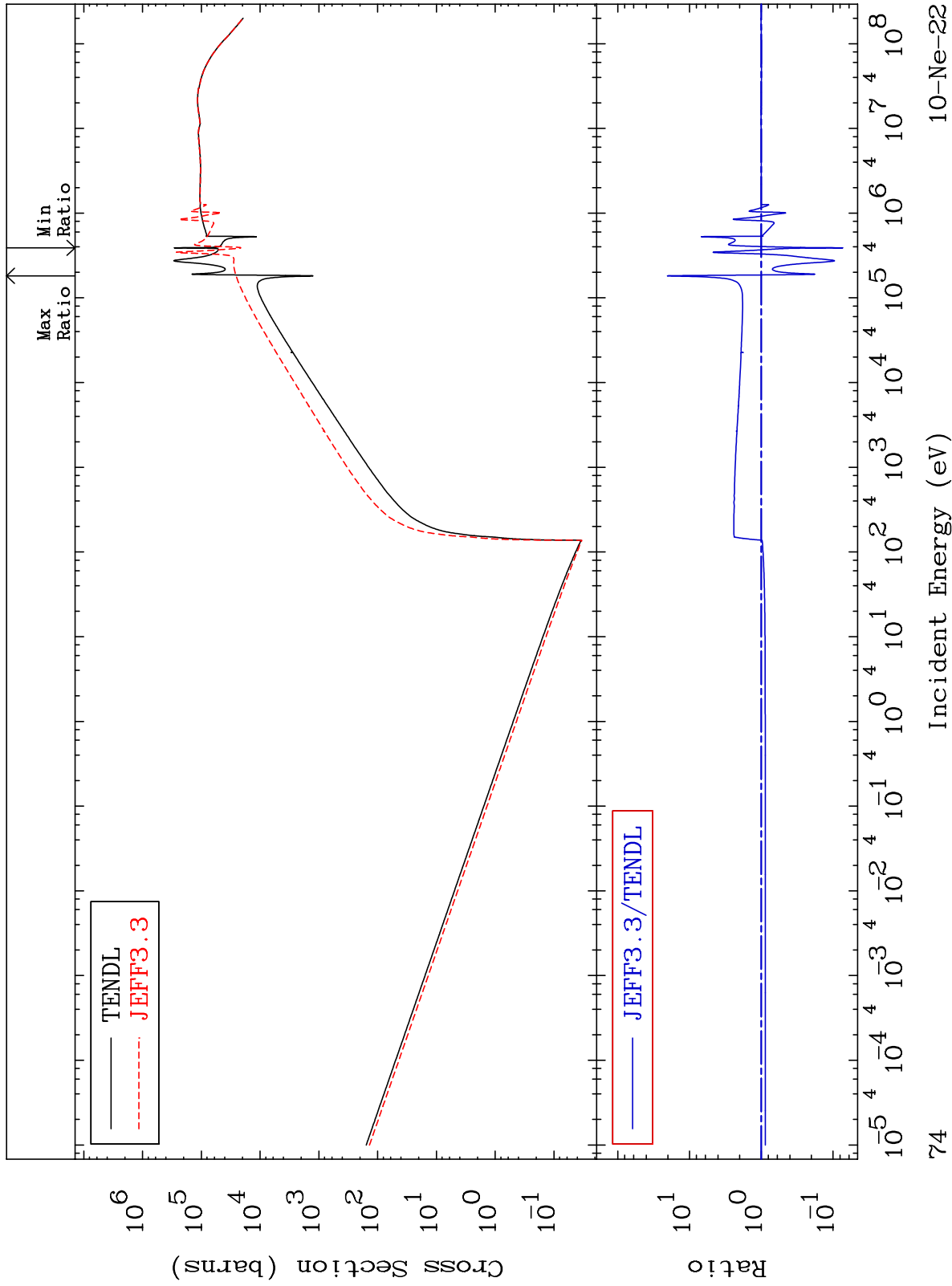
10-Ne-22  
-92.65 To 1925. %



MAT 1031

Dpa total (eV-barns)  
Cross Section

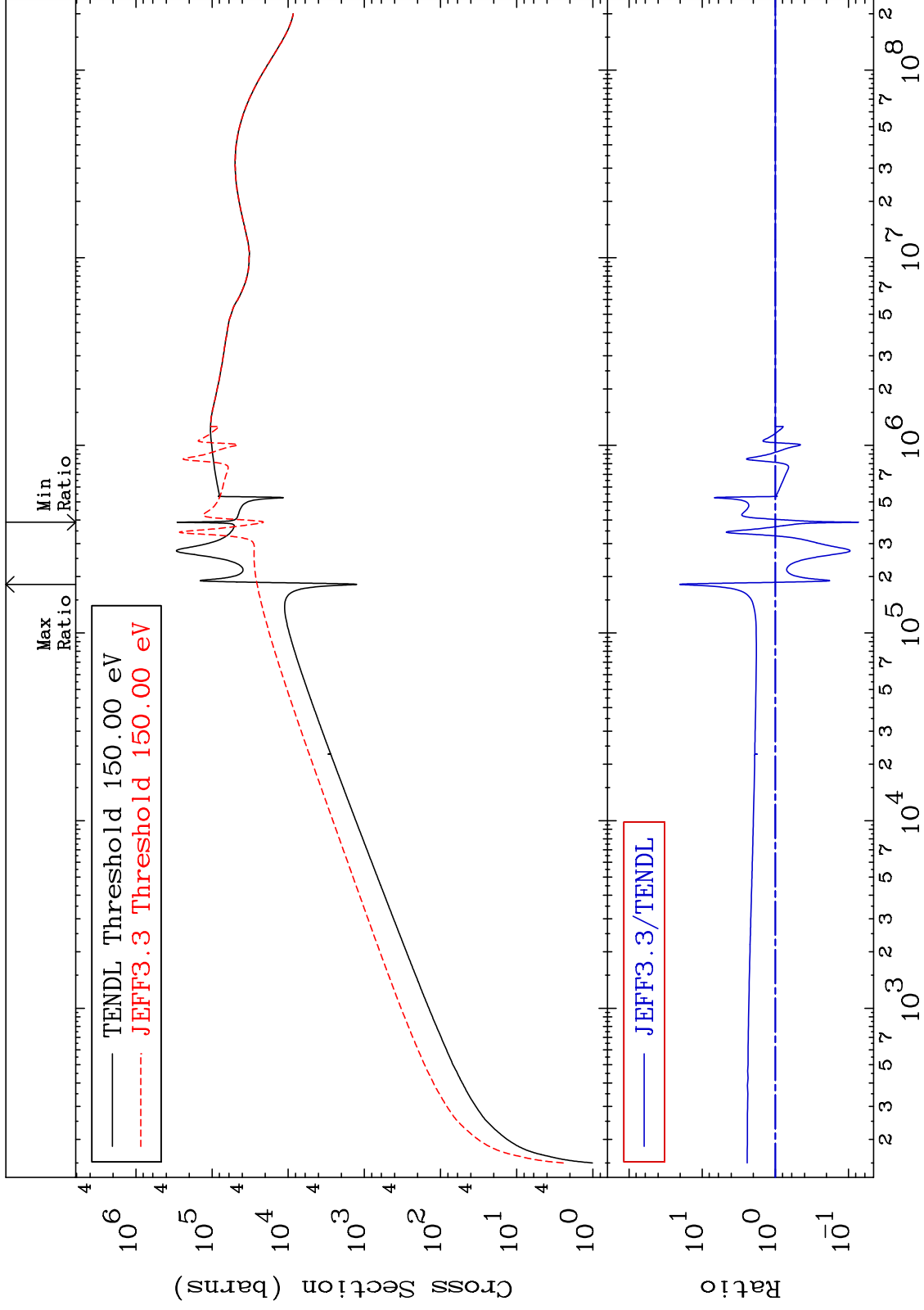
10-Ne-22  
-92.65 To 1925. %



MAT 1031

Dpa elastic (mt2)  
Cross Section

10-Ne-22  
-92.65 To 1925. %



75

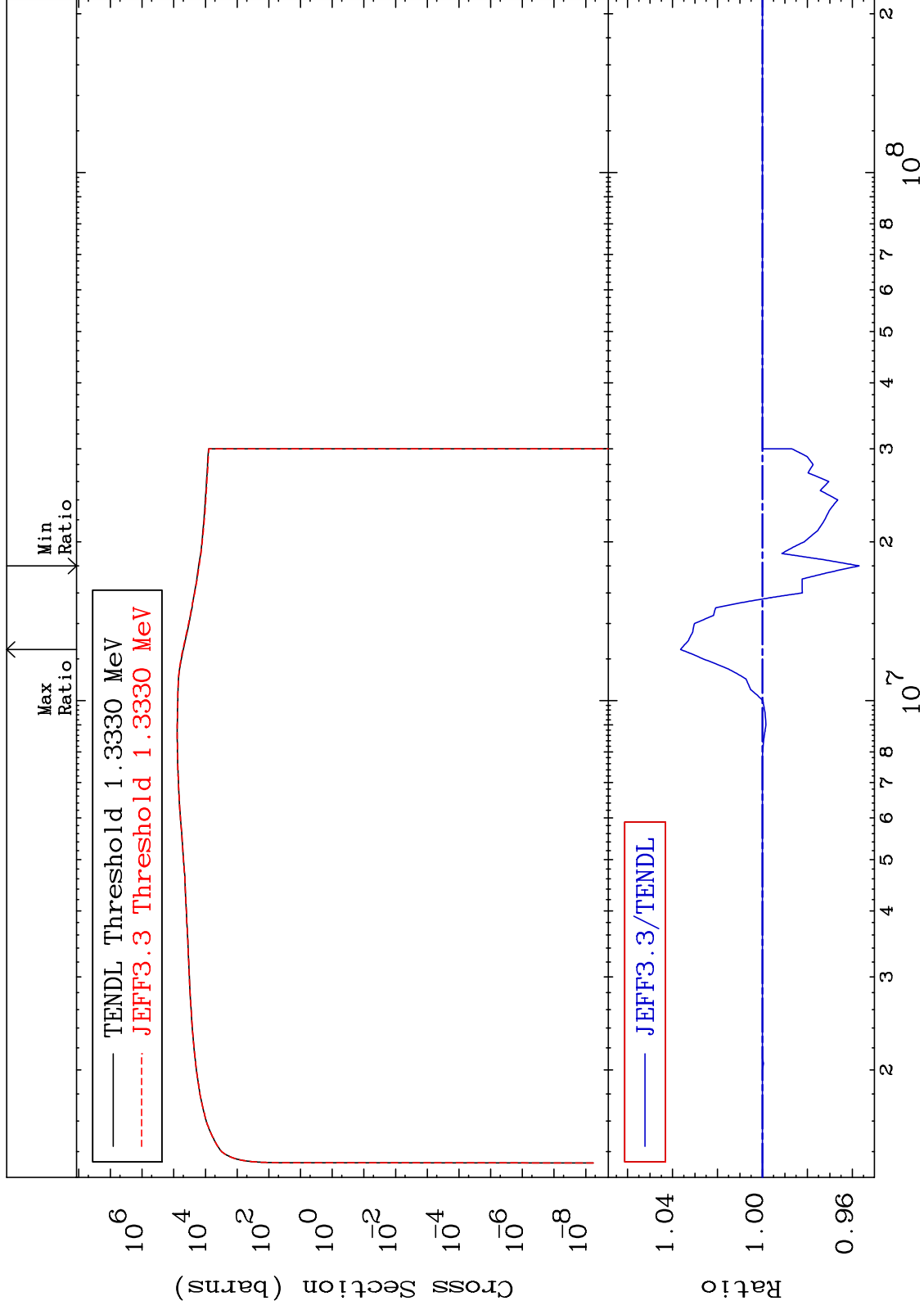
Incident Energy (eV)

10-Ne-22

MAT 1031

Dpa inelastic (mt51-91)  
Cross Section

10-Ne-22  
-4.306 To 3.638 %



MAT 1031

Dpa disappearance (mt102 -120)  
Cross Section

10-Ne-22  
-99.95 To 9999. %

