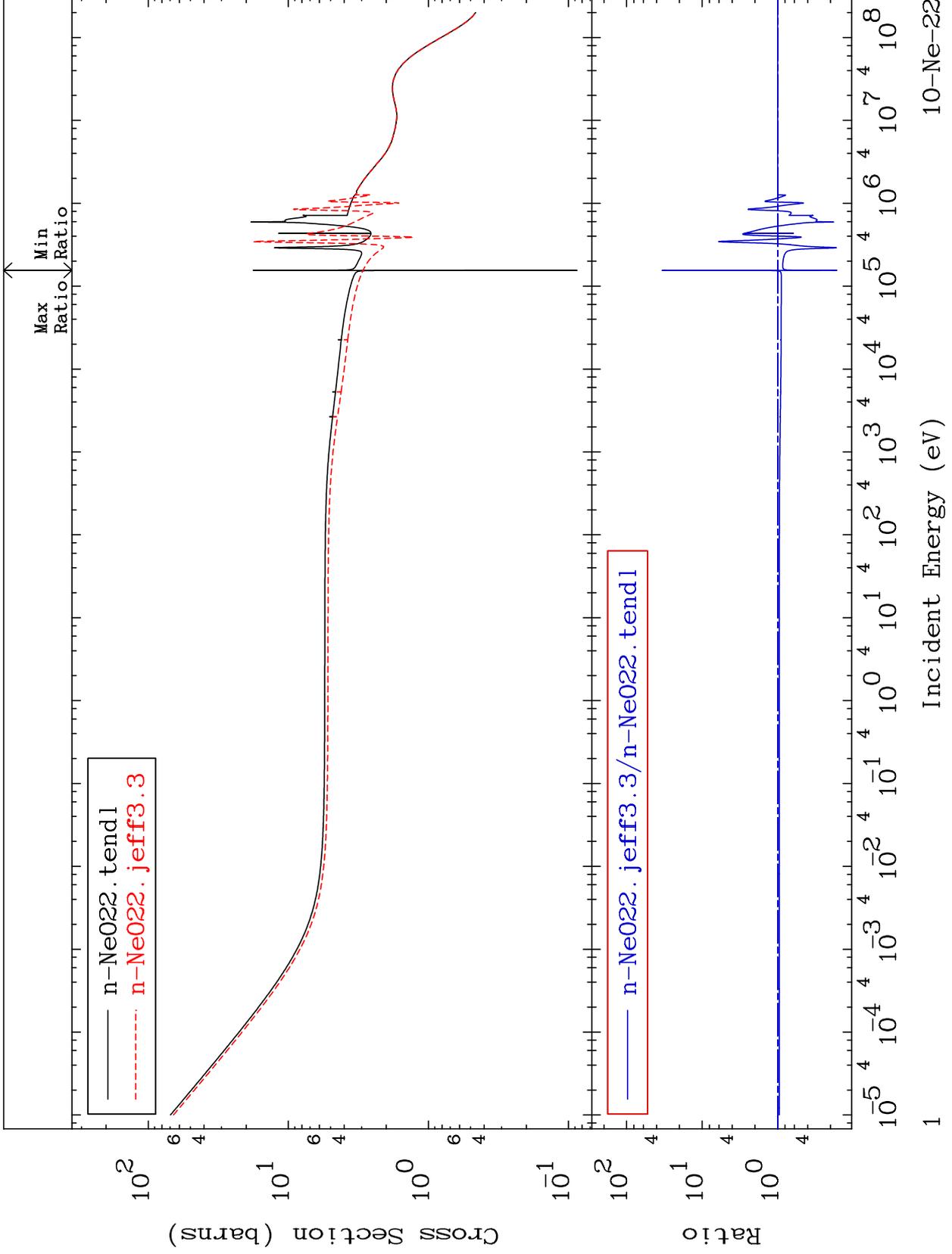


MAT 1031

Total  
Cross Section

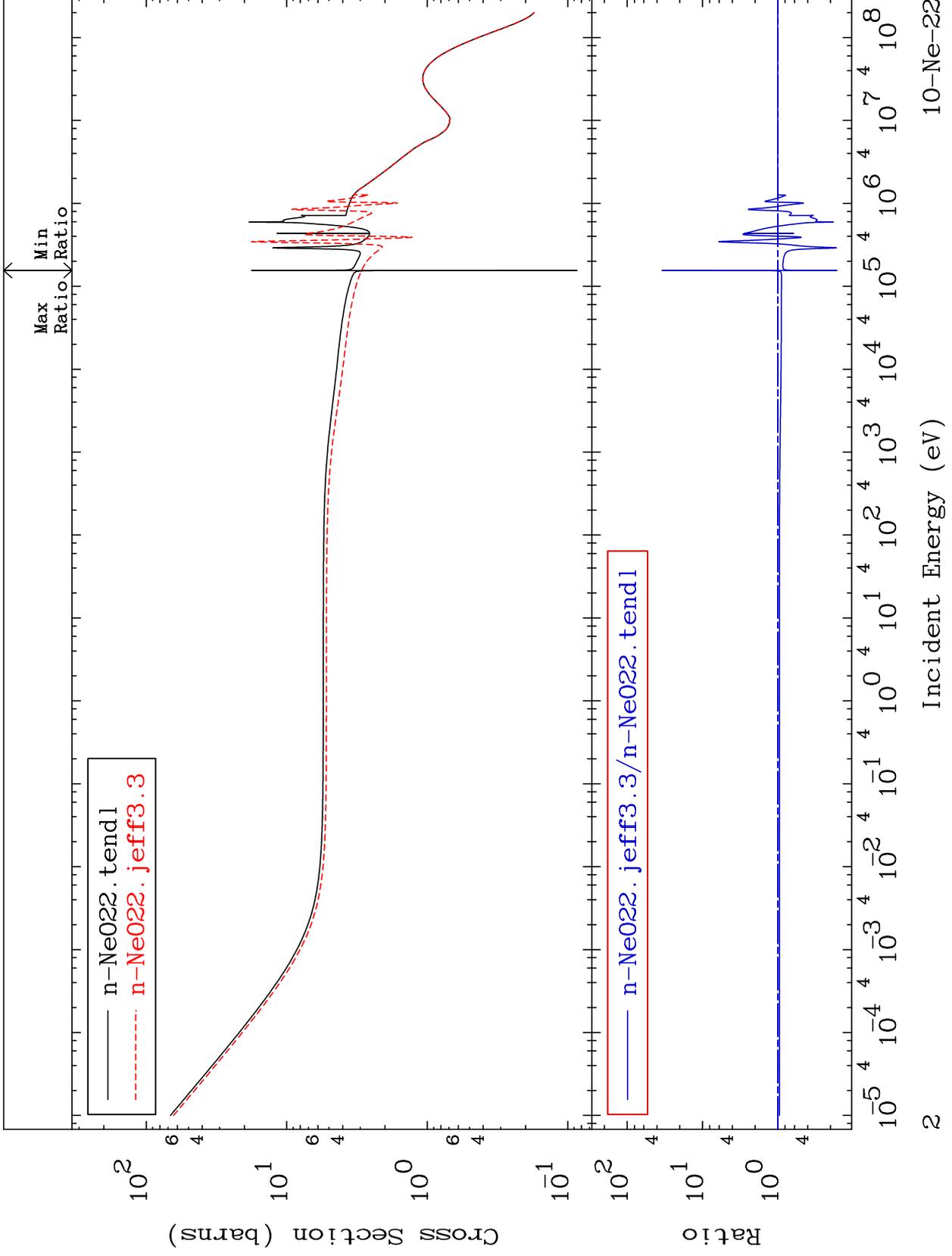
10-Ne-22  
-83.54 To 3265. %



MAT 1031

Elastic  
Cross Section

10-Ne-22  
-83.53 To 3304. %

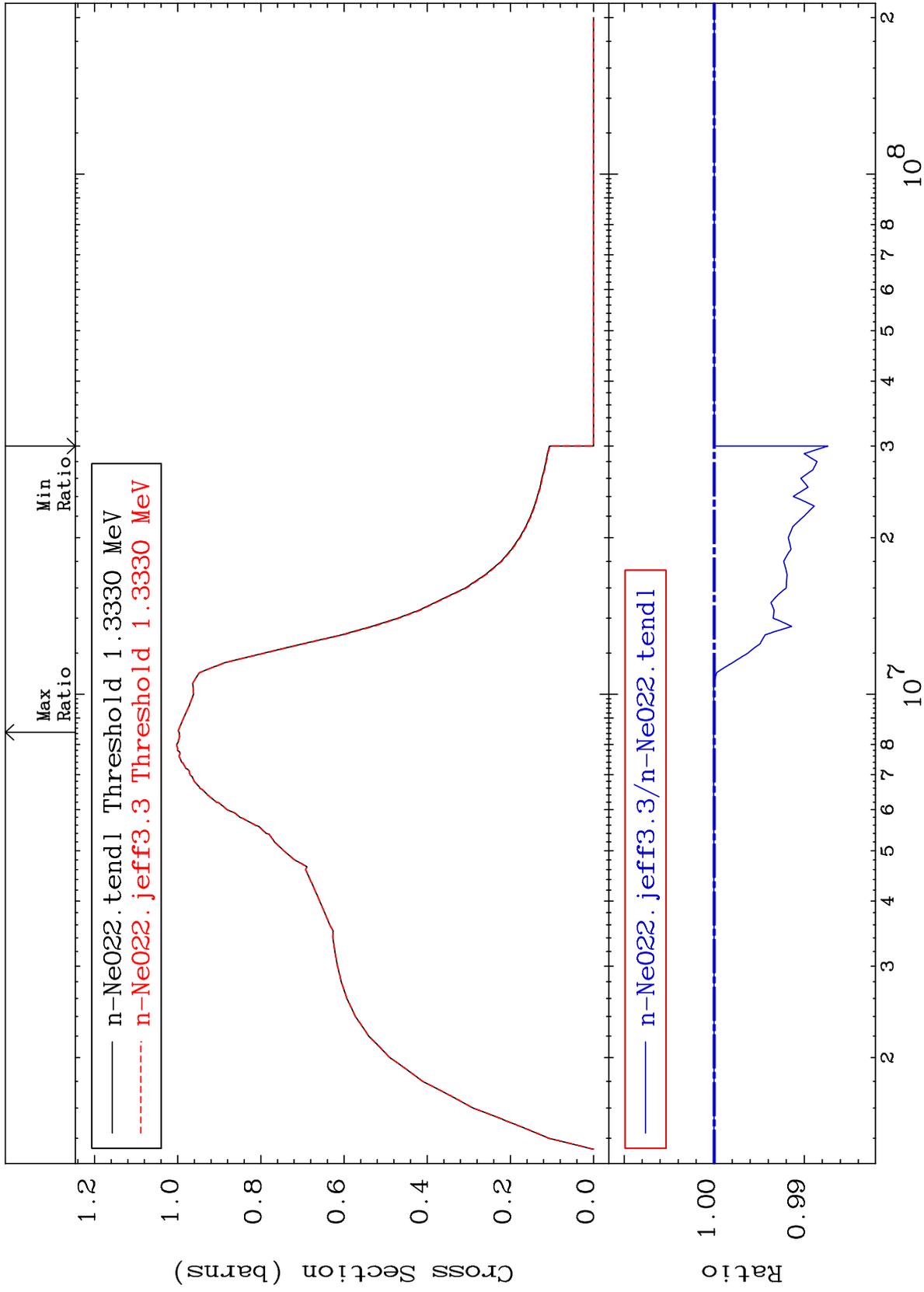


MAT 1031

Inelastic  
Cross Section

10-Ne-22

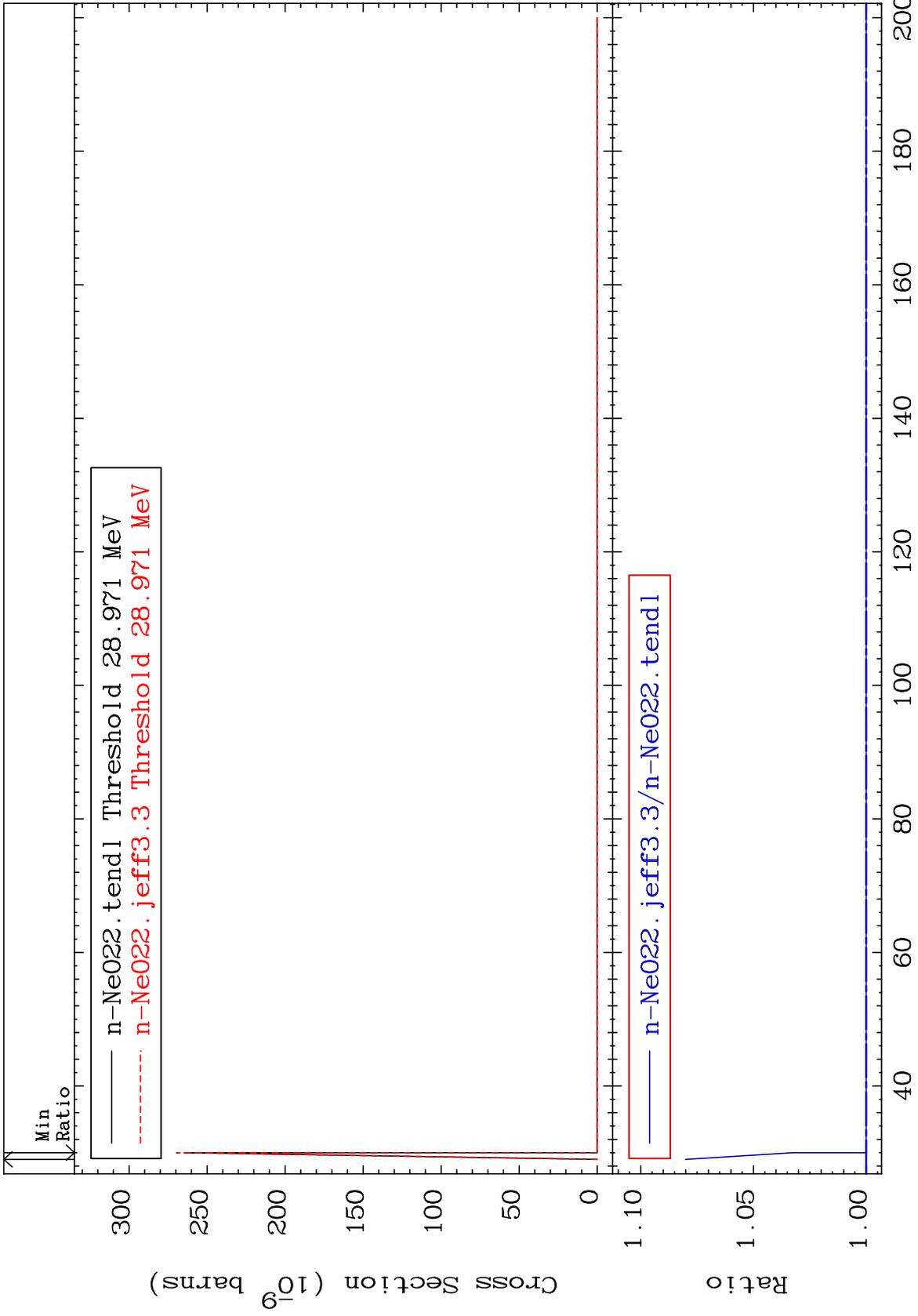
-1.262 To 0.008 %



MAT 1031

(n,2n) d  
Cross Section

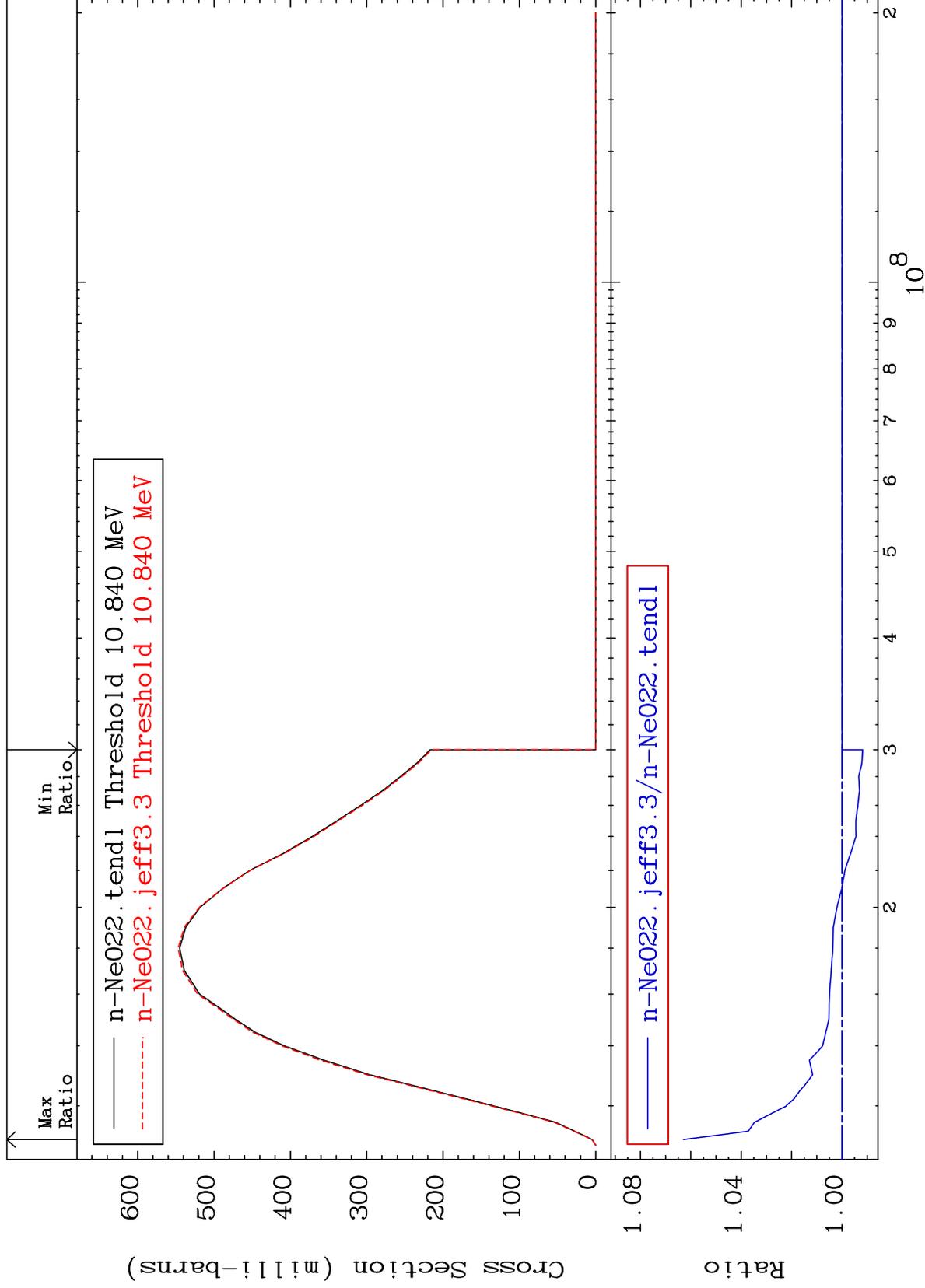
10-Ne-22  
To 8.011 %



MAT 1031

(n,2n)  
Cross Section

10-Ne-22  
-0.822 To 6.291 %



5

Incident Energy (eV)

10-Ne-22

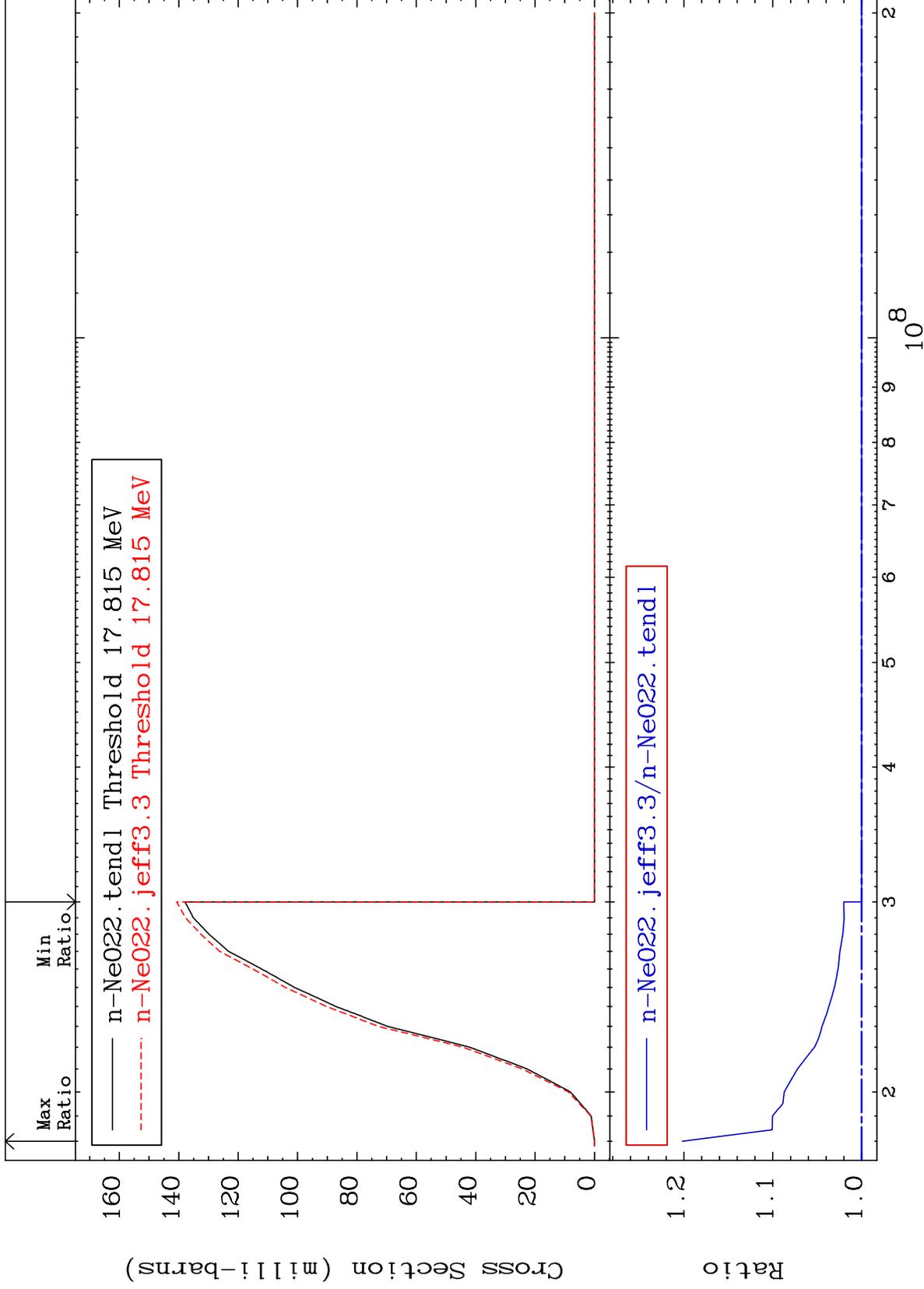
MAT 1031

(n,3n)

10-Ne-22

Cross Section

0.000 To 20.18 %



6

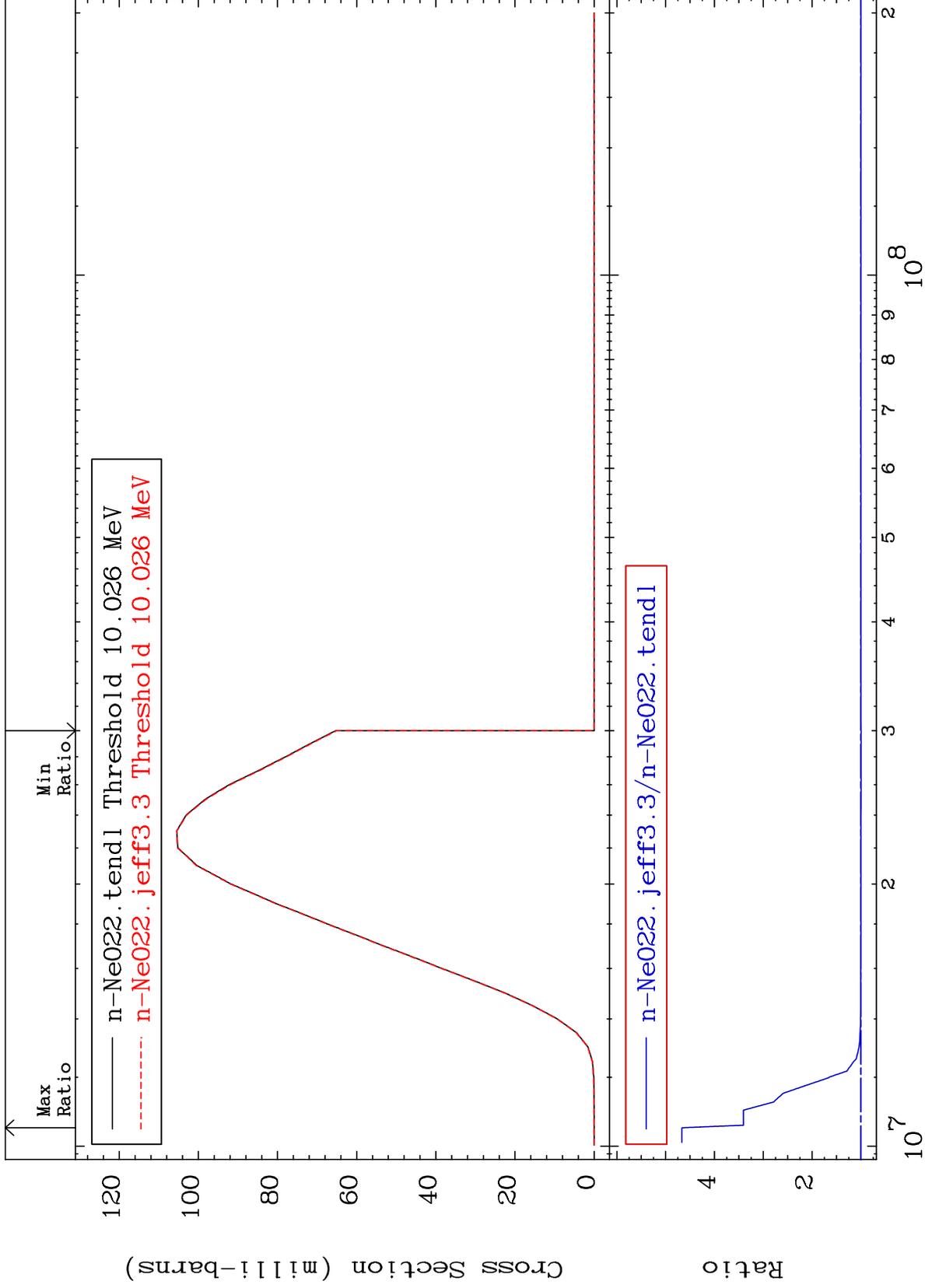
Incident Energy (eV)

10-Ne-22

MAT 1031

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

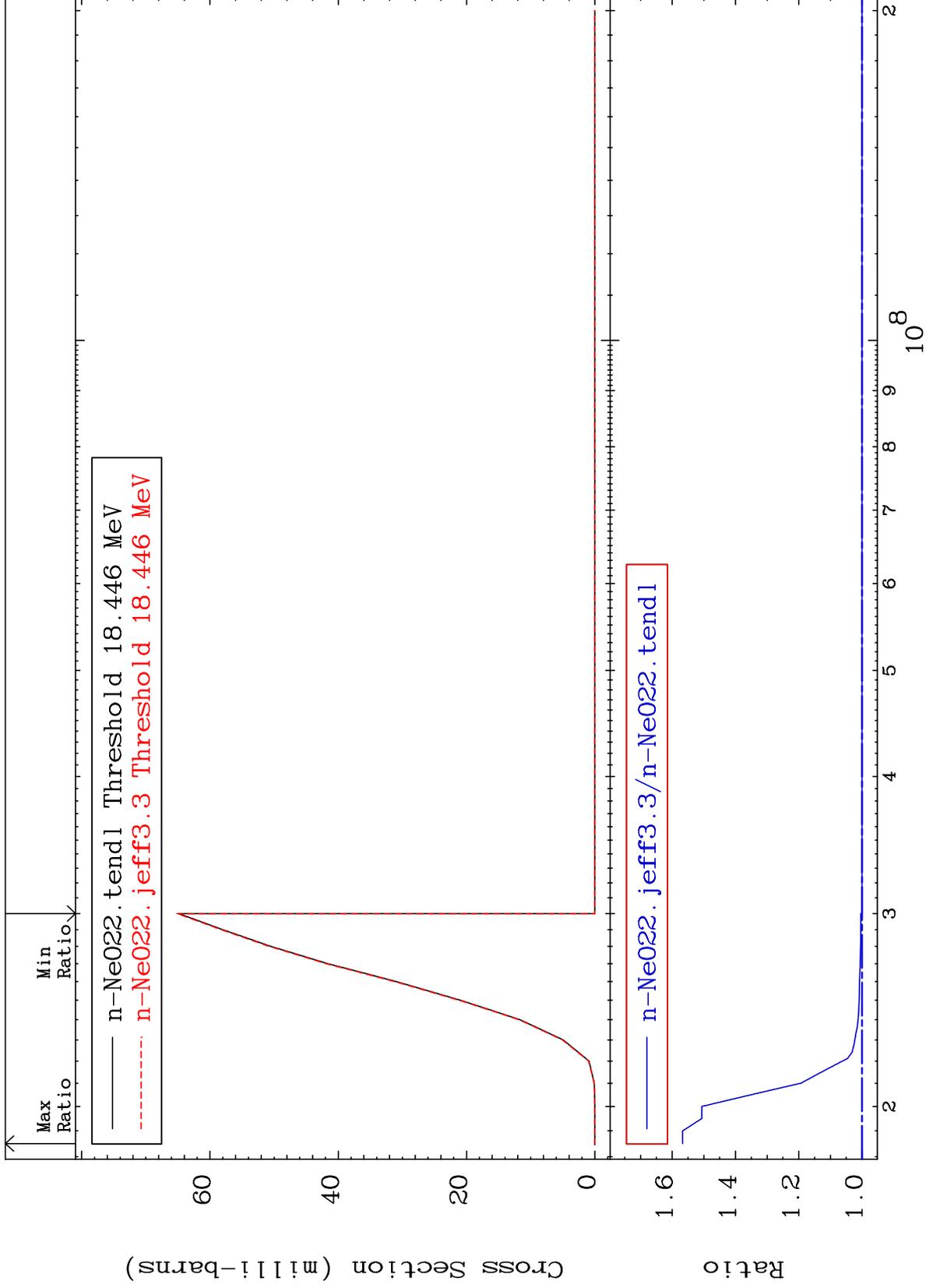
10-Ne-22  
-0.367 To 366.8 %



MAT 1031

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

10-Ne-22  
To 56.70 %  
0.000



8

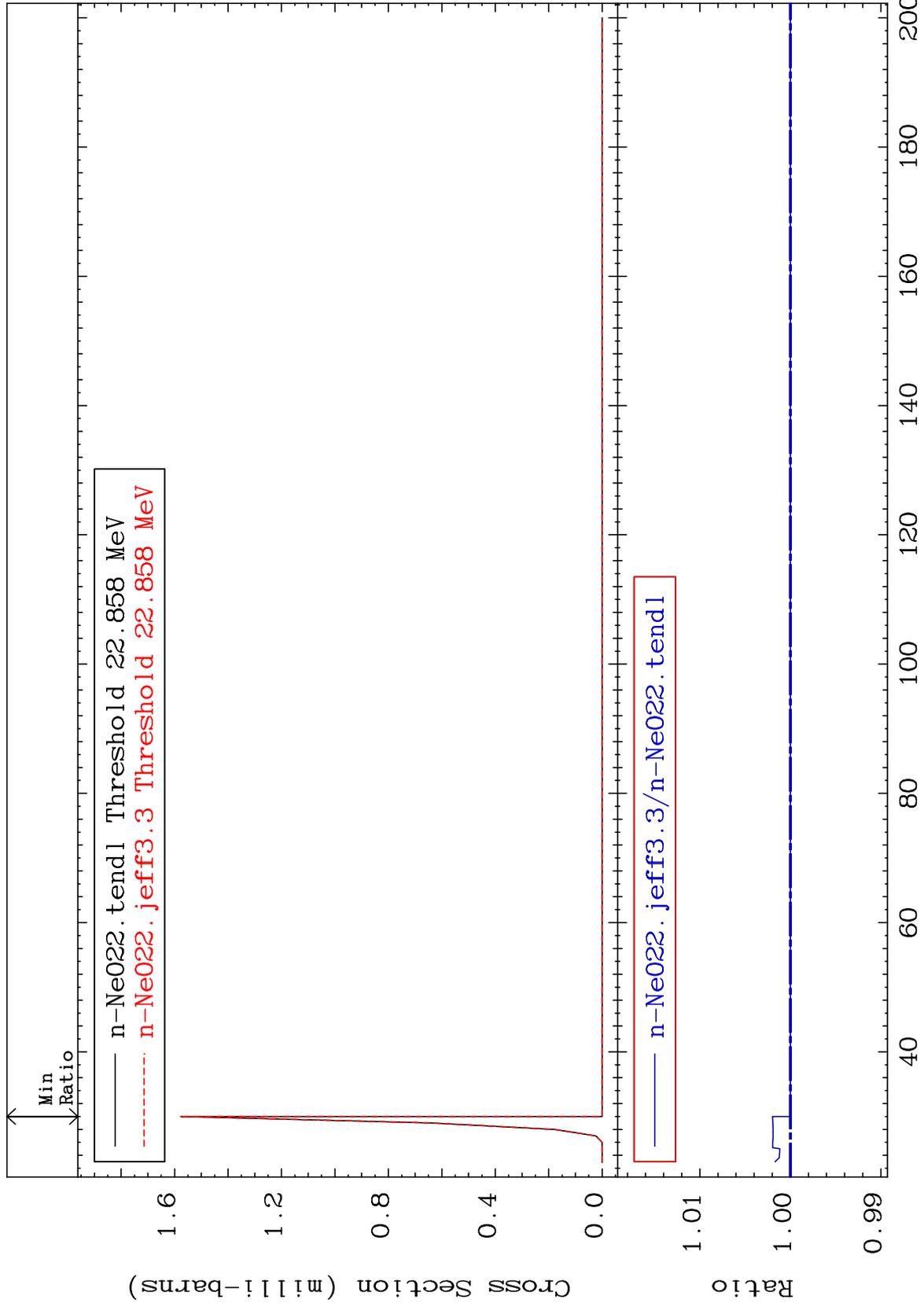
10-Ne-22

10-Ne-22

MAT 1031

(n,3n)  $\alpha$   
Cross Section

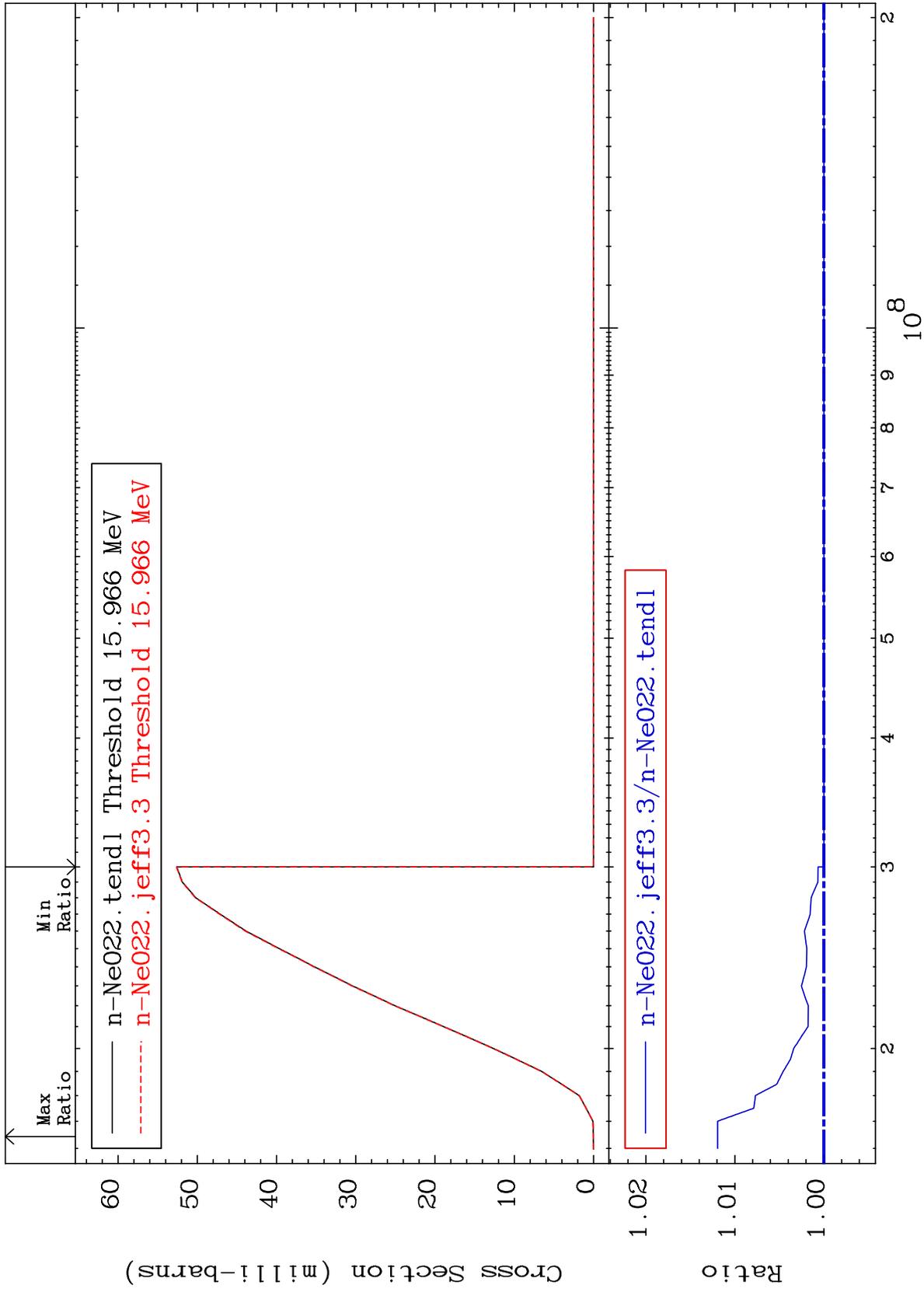
10-Ne-22  
To 0.197 %



MAT 1031

(n,n') p  
Cross Section

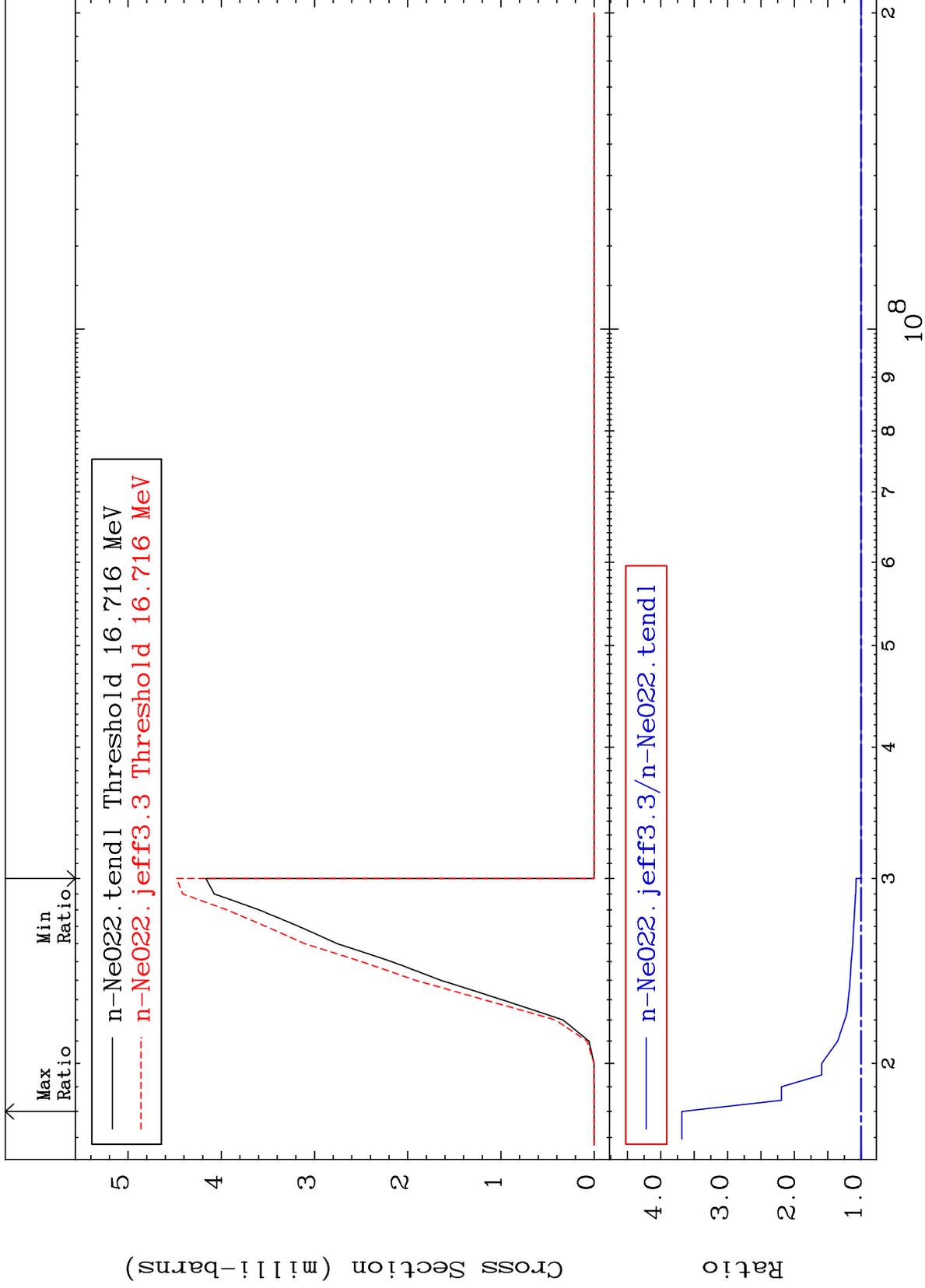
10-Ne-22  
To 1.194 %



MAT 1031

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

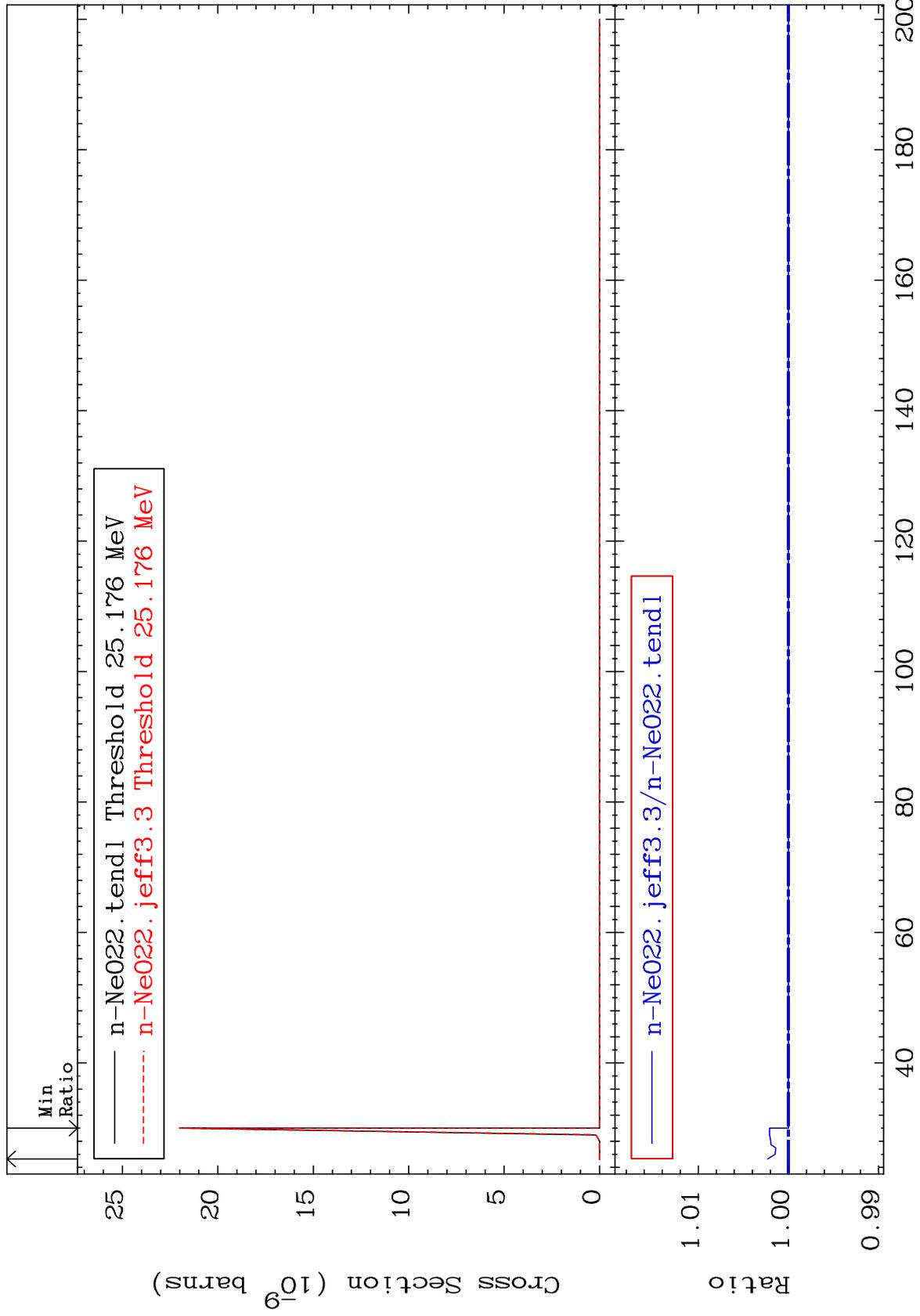
10-Ne-22  
To 268.4 %  
0.000



MAT 1031

(n,2n) 2α  
Cross Section

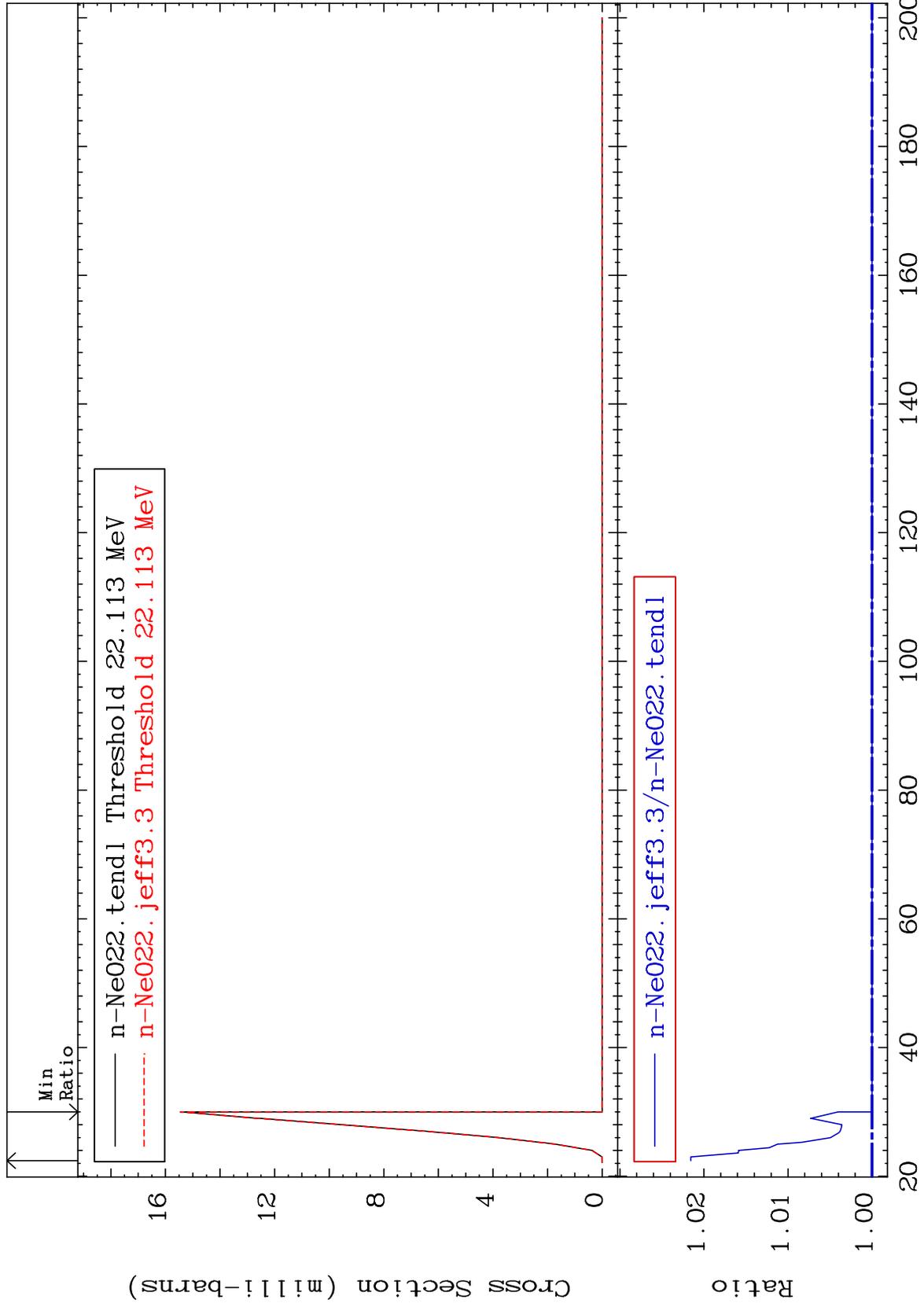
10-Ne-22  
To 0.229 %



MAT 1031

(n,n') d  
Cross Section

10-Ne-22  
To 2.155 %  
0.000



13

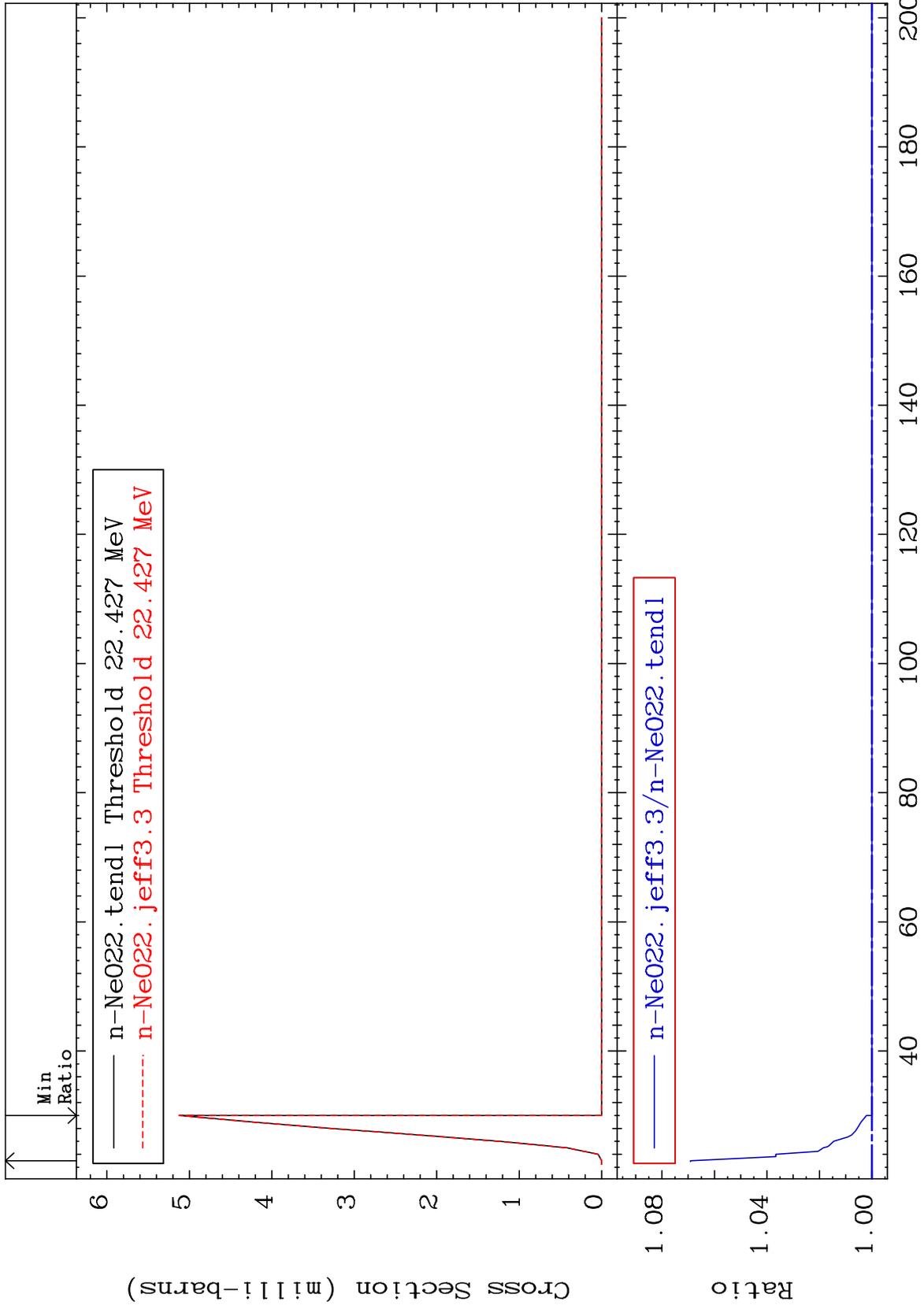
Incident Energy (MeV)

10-Ne-22

MAT 1031

(n,n') t  
Cross Section

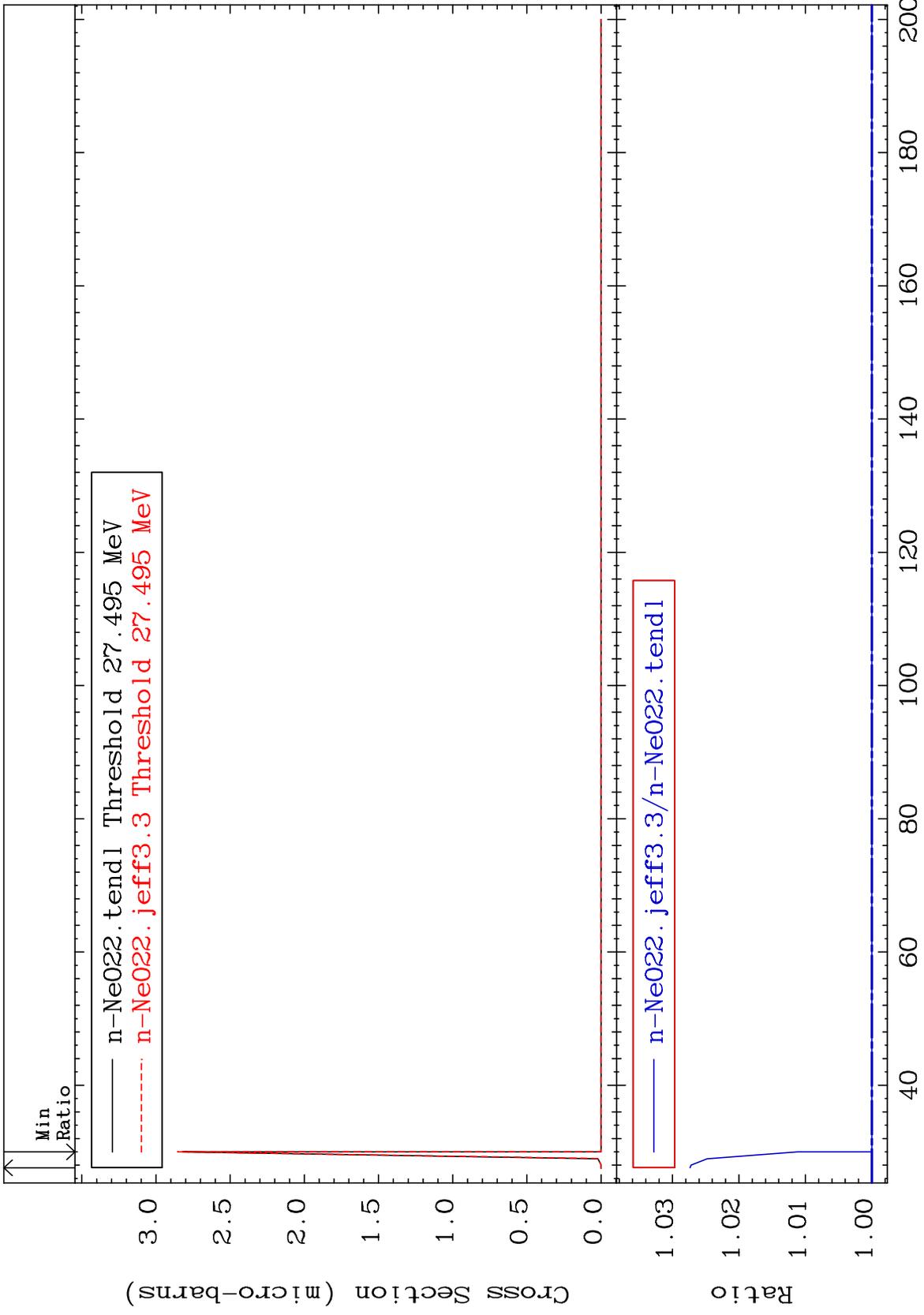
10-Ne-22  
To 6.913 %  
0.000



MAT 1031

(n, n') He-3  
Cross Section

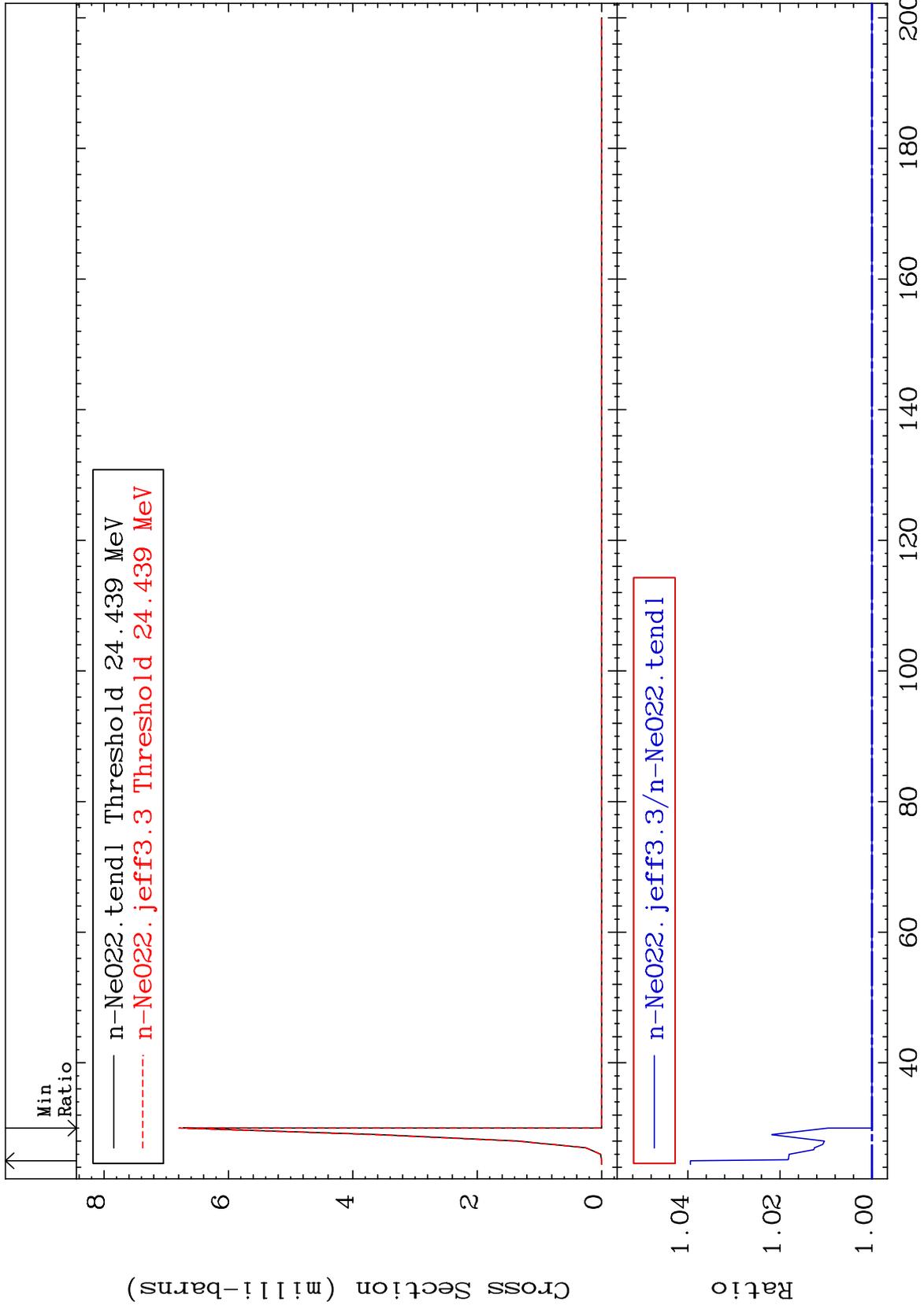
10-Ne-22  
To 2.735 %  
0.000



MAT 1031

(n,2n) p  
Cross Section

10-Ne-22  
To 3.944 %  
0.000



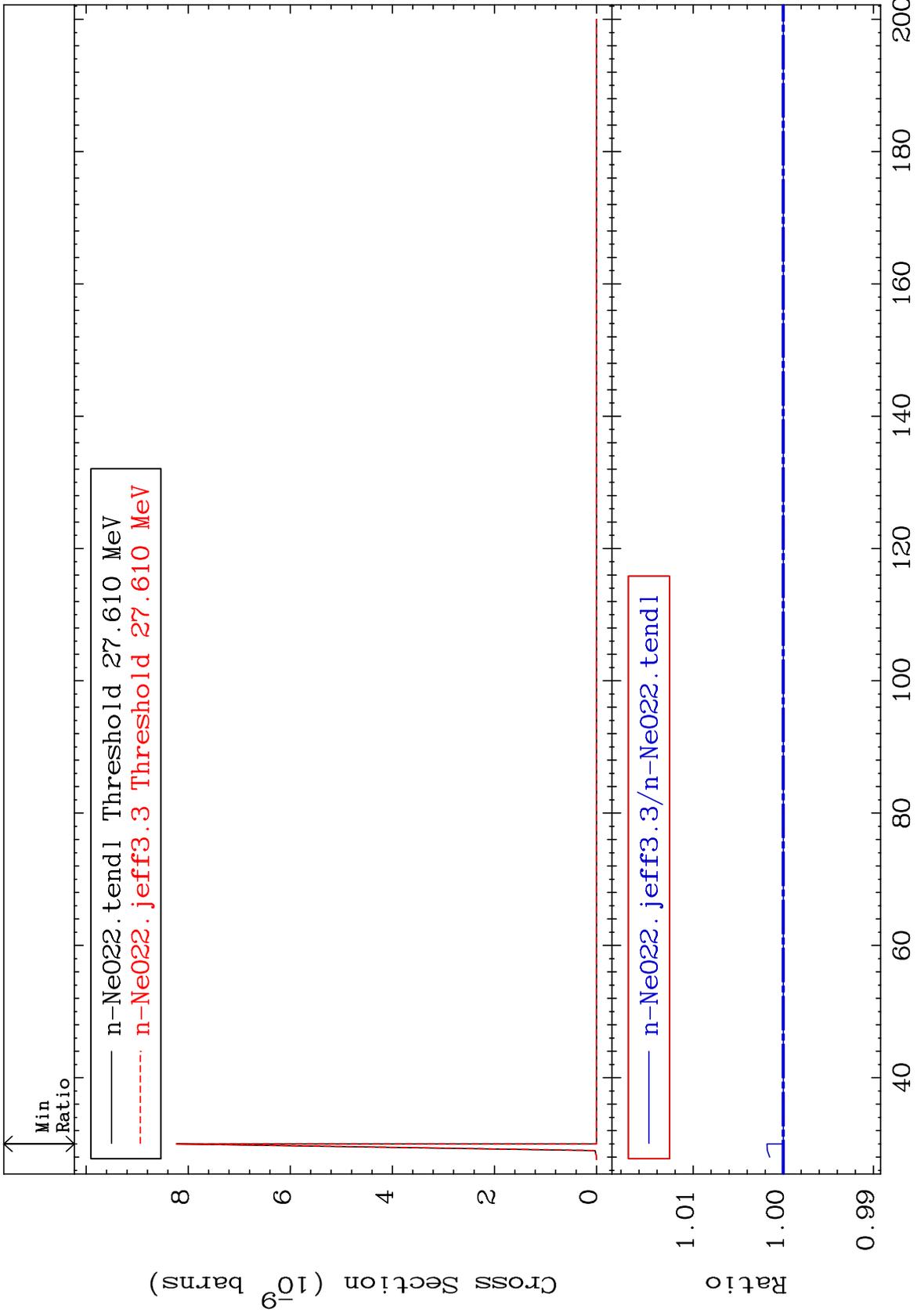
16

10-Ne-22

MAT 1031

(n,2n) p  
Cross Section

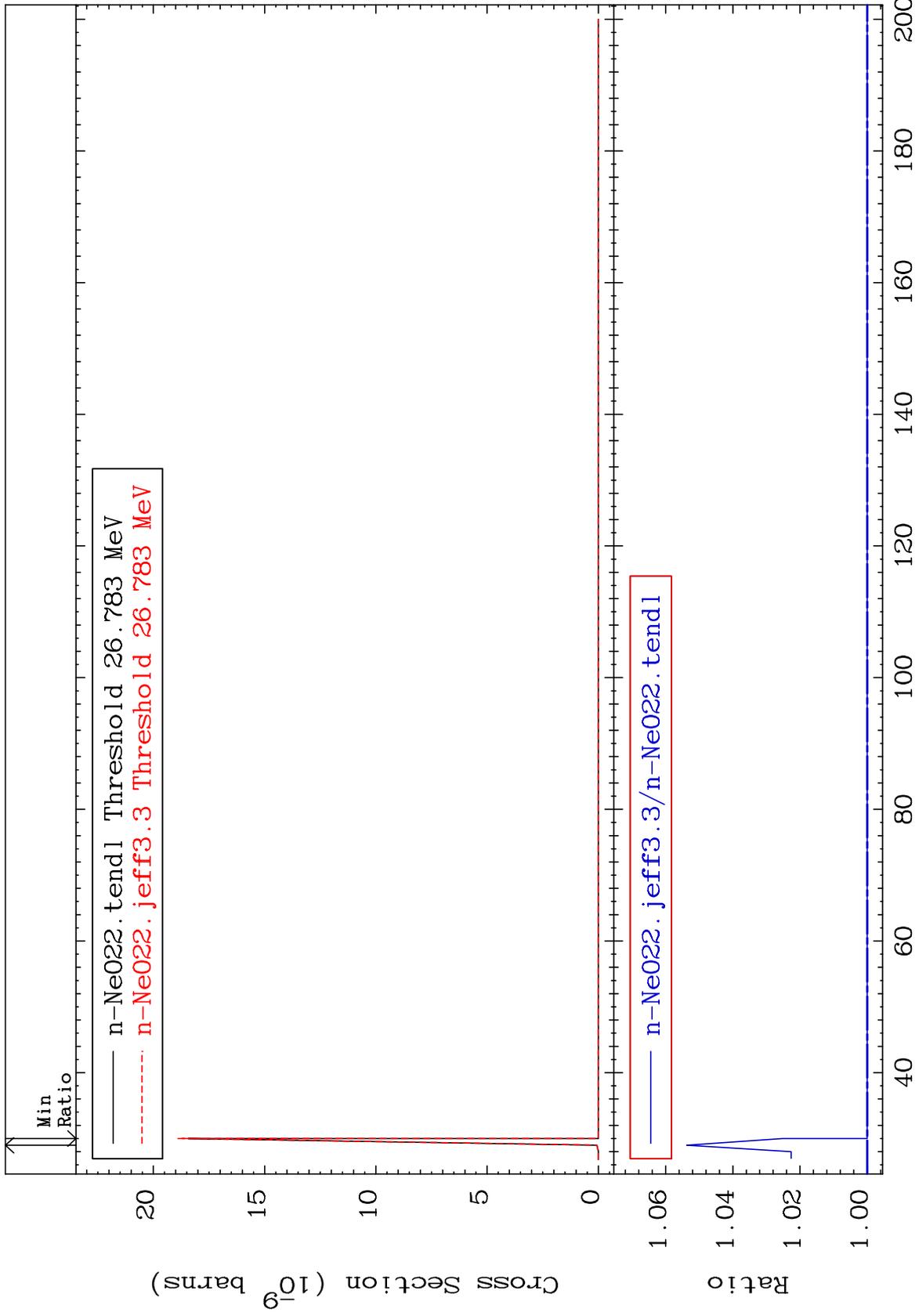
10-Ne-22  
To 0.182 %



MAT 1031

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

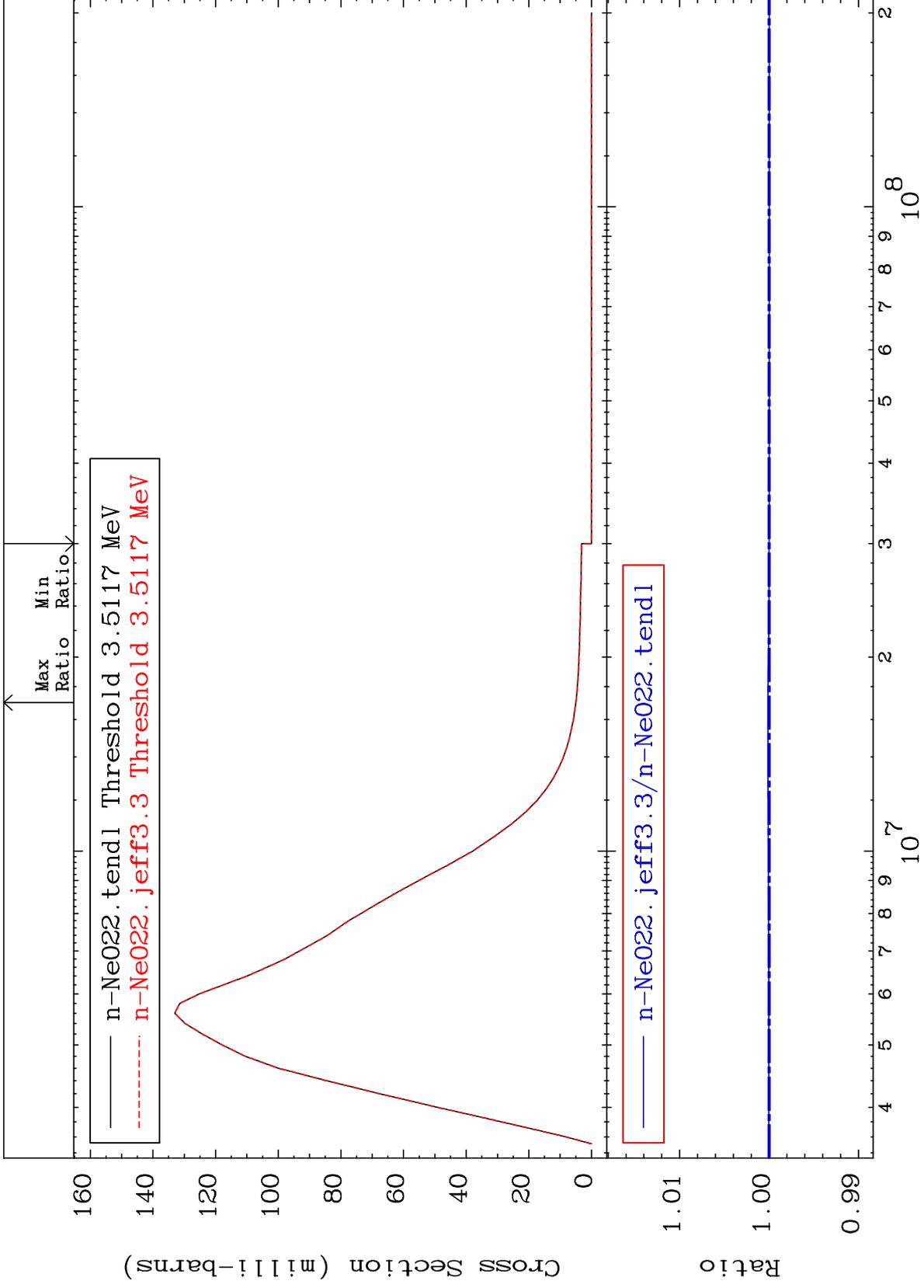
10-Ne-22  
To 5.373 %



MAT 1031

MT= 52 (n, n') Level

Cross Section  
0.000 To 0.014 %  
10-Ne-22

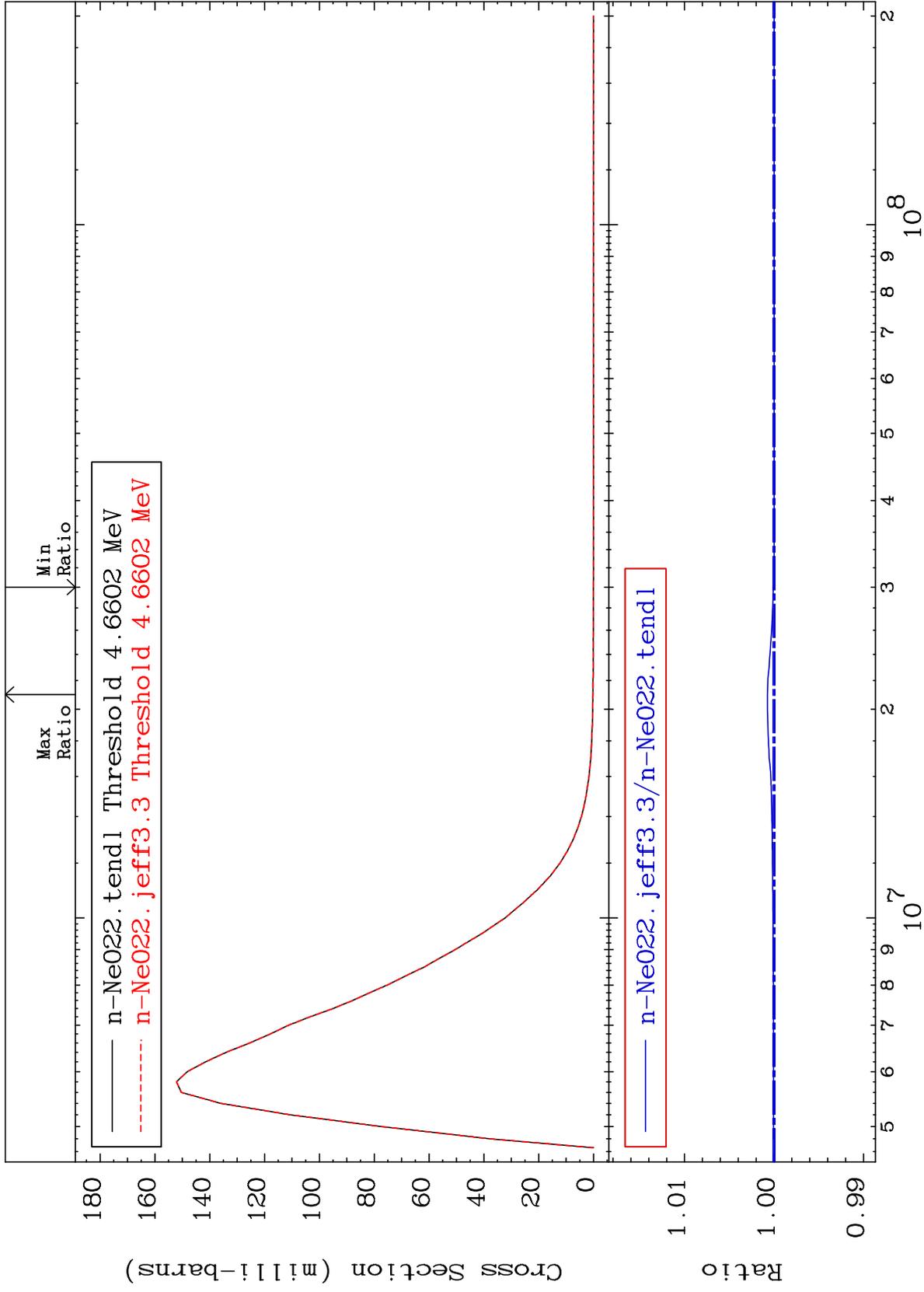


MAT 1031

MT= 53 (n, n') Level

10-Ne-22

Cross Section  
0.000 To 0.075 %



MAT 1031

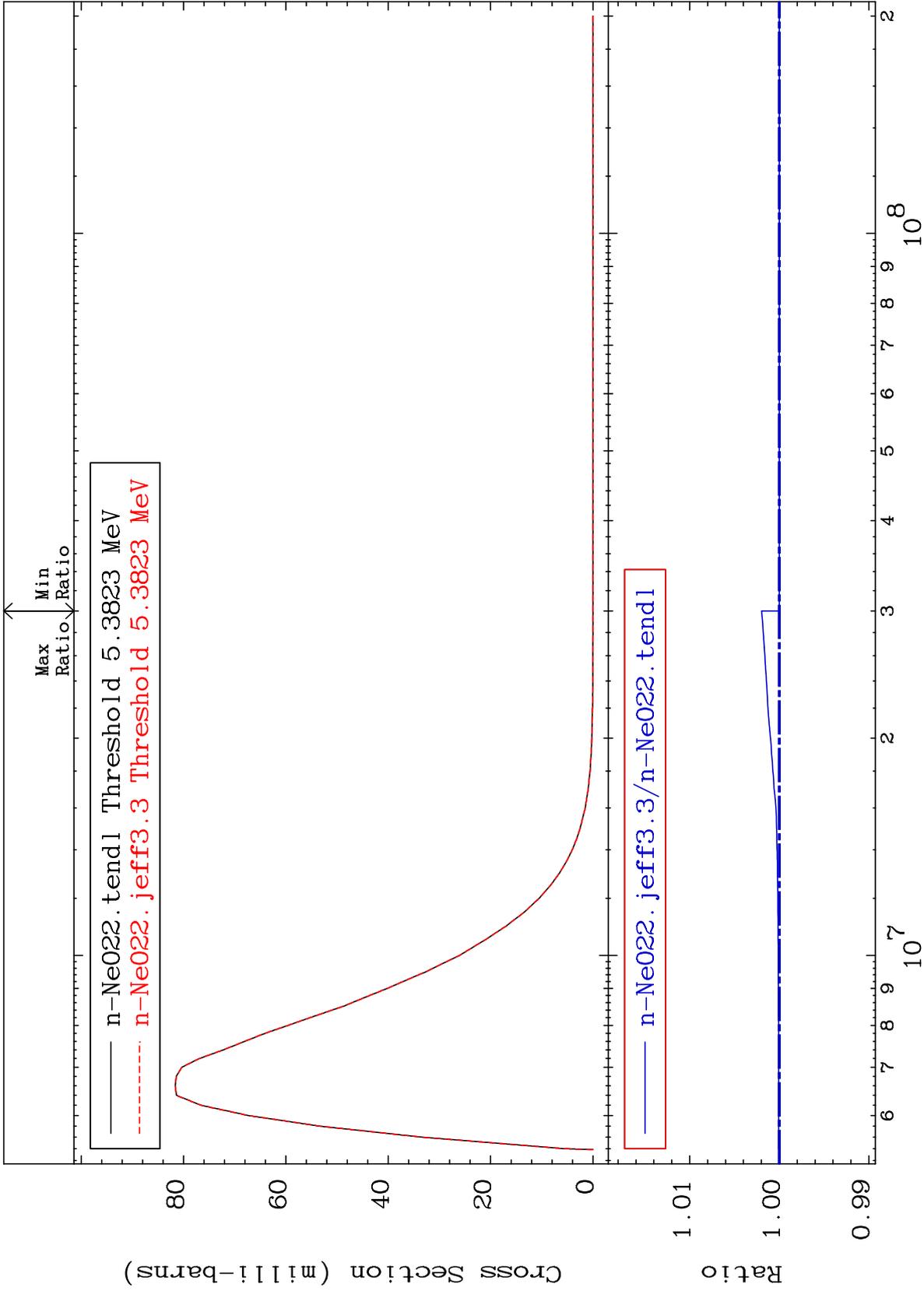
MT= 54 (n,n') Level

10-Ne-22

Cross Section

0.000

To 0.198 %



21

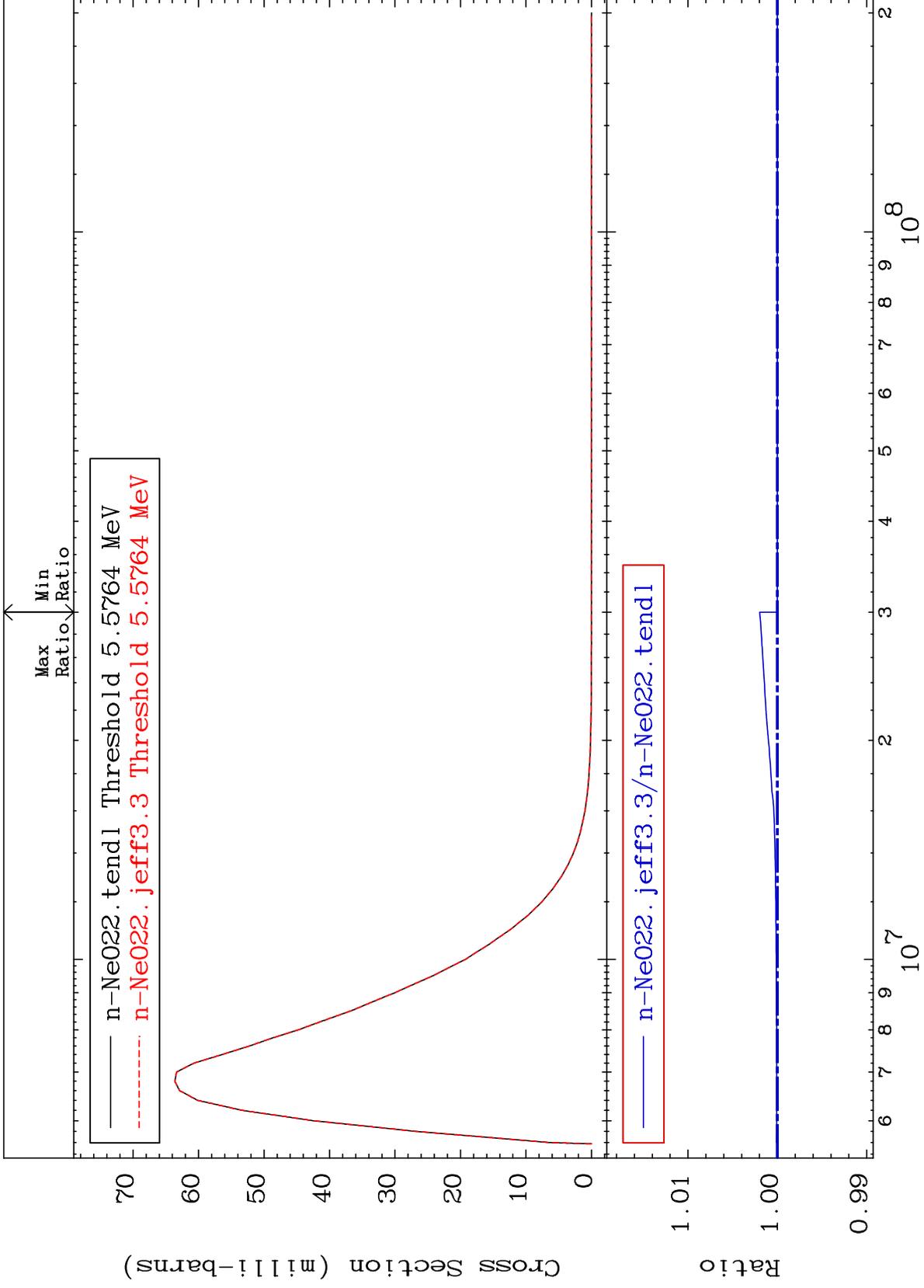
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.198 %



22

Incident Energy (eV)

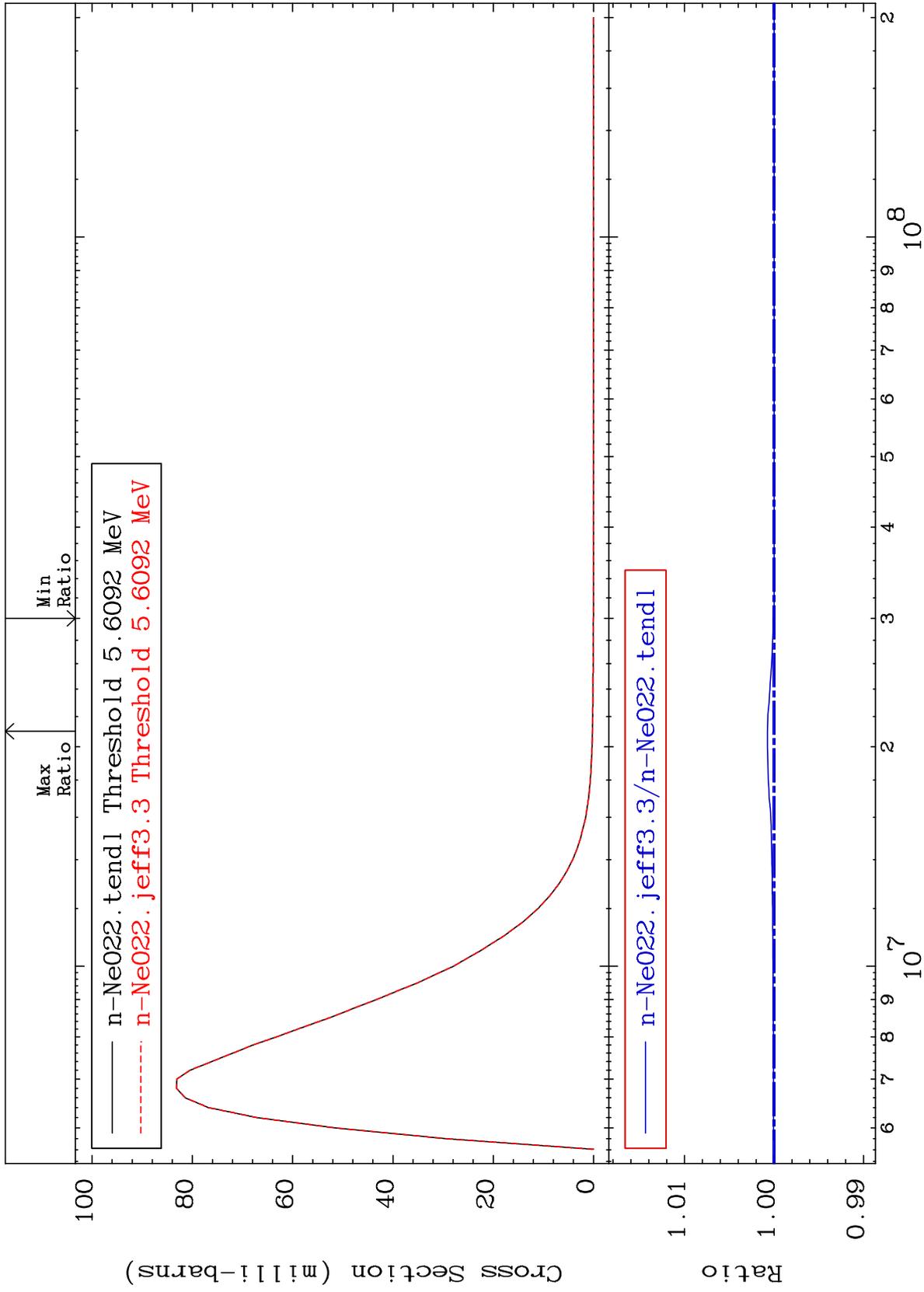
10-Ne-22

MAT 1031

MT= 56 (n,n') Level

10-Ne-22

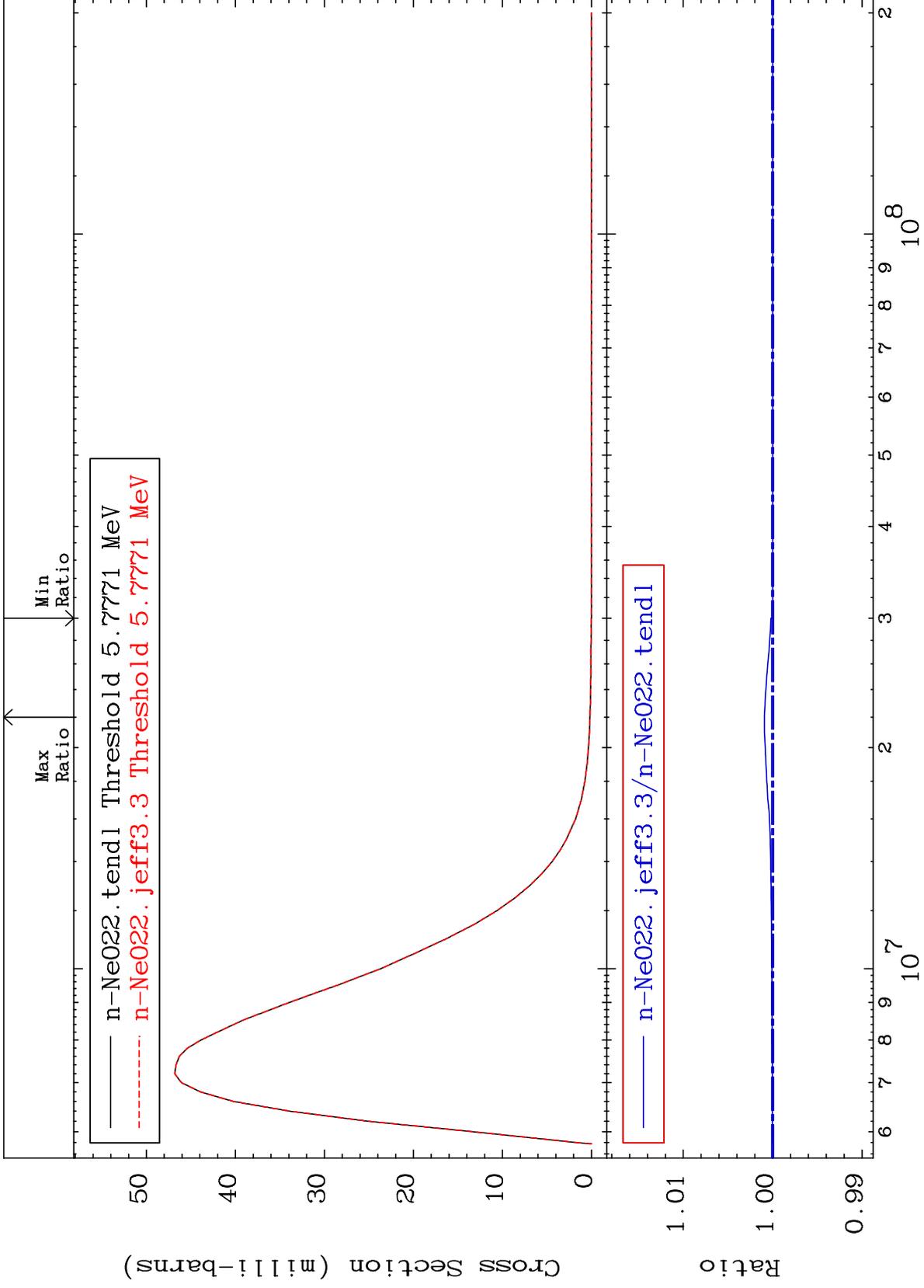
Cross Section  
0.000 To 0.075 %



MAT 1031

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

10-Ne-22  
To 0.094 %



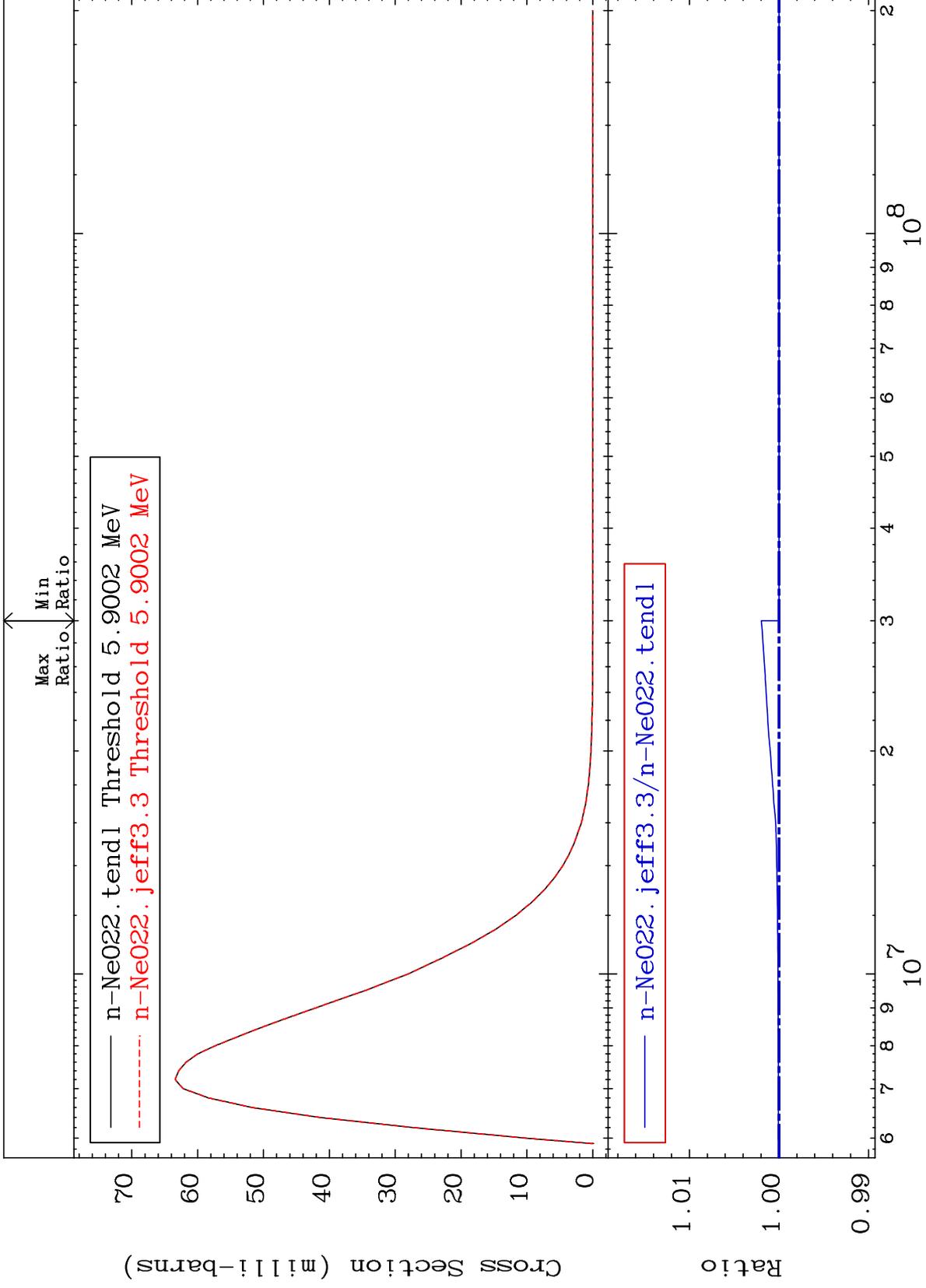
24

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.197 %



25

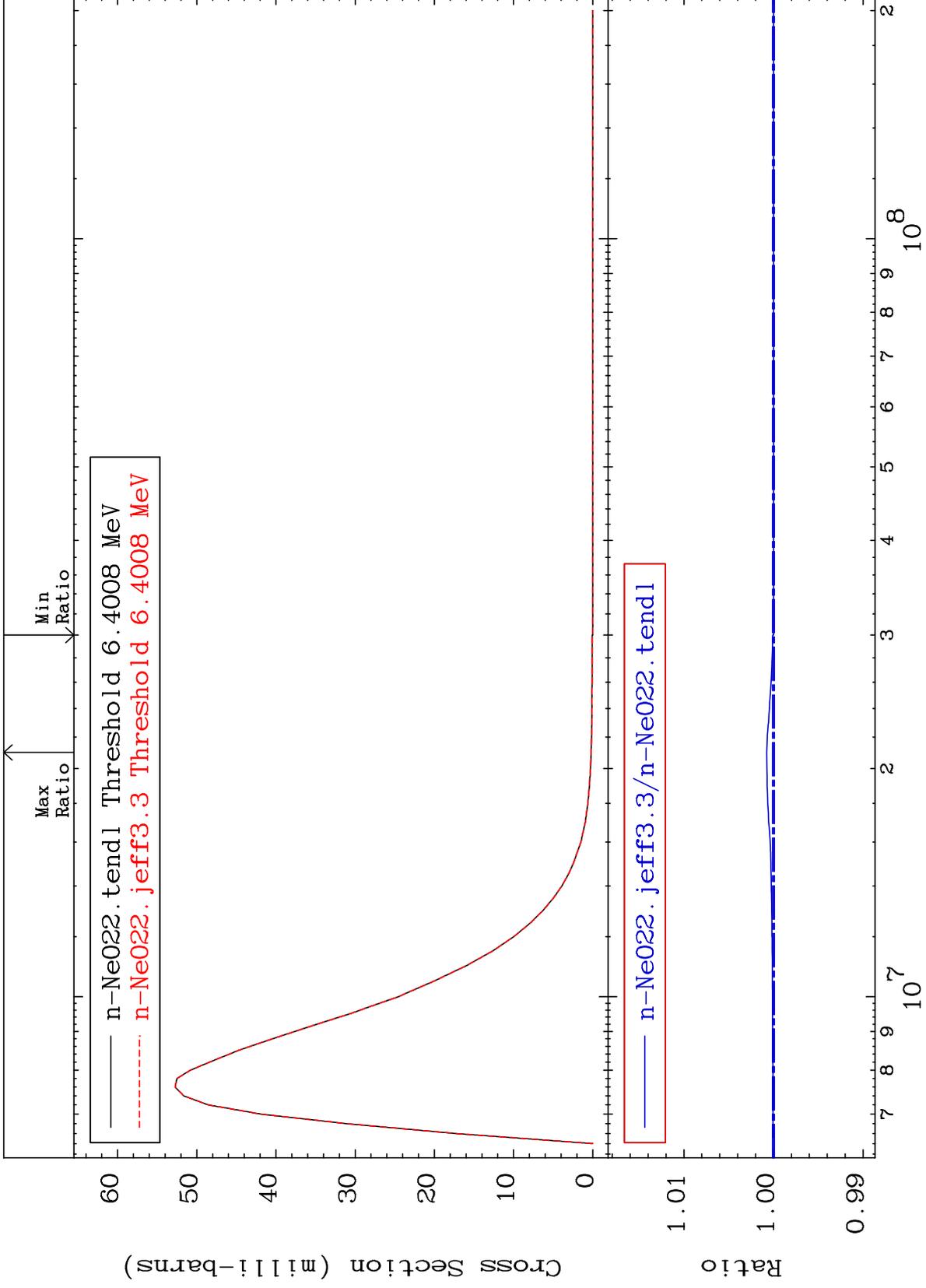
Incident Energy (eV)

10-Ne-22

MAT 1031

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

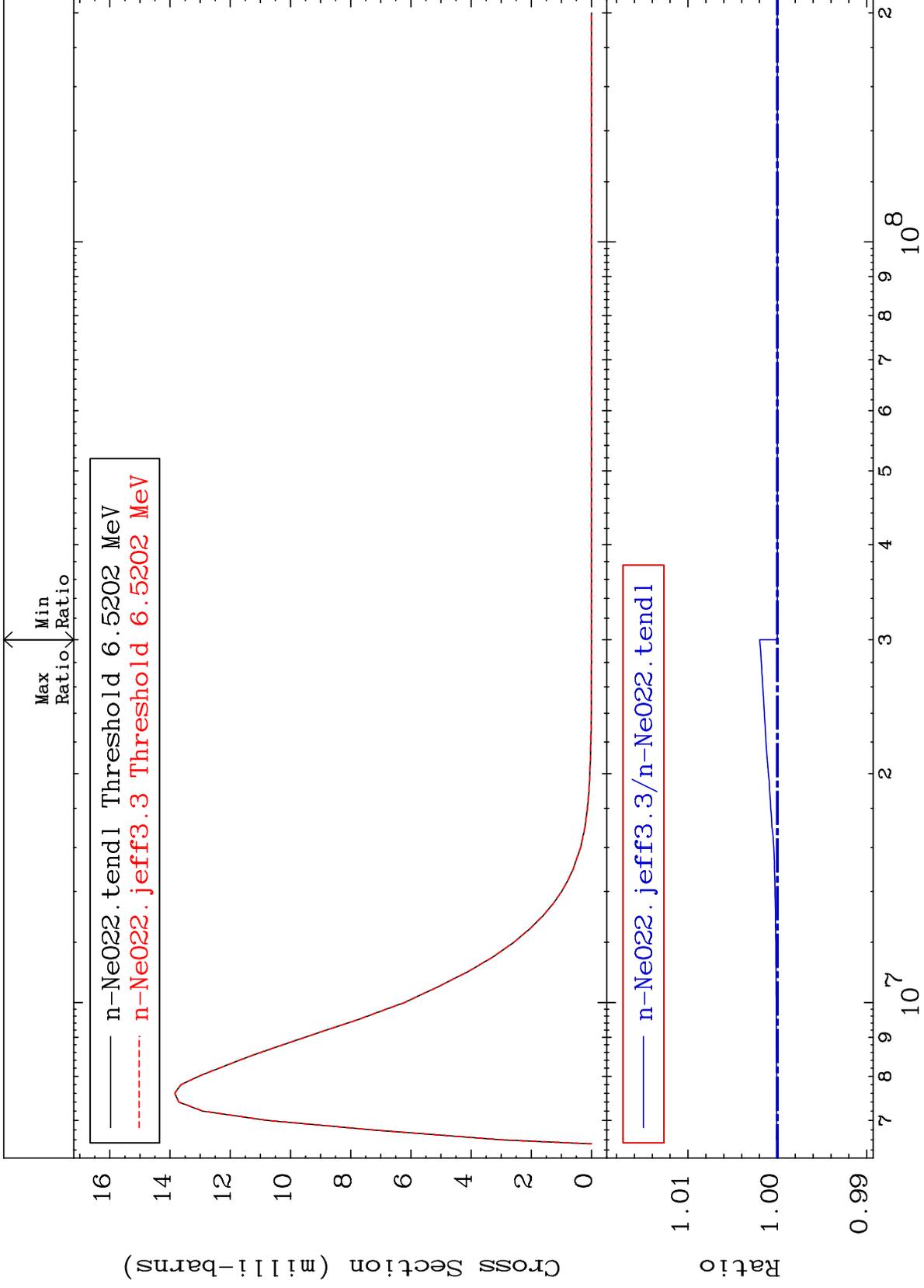
10-Ne-22  
To 0.075 %



MAT 1031

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

10-Ne-22  
To 0.198 %



27

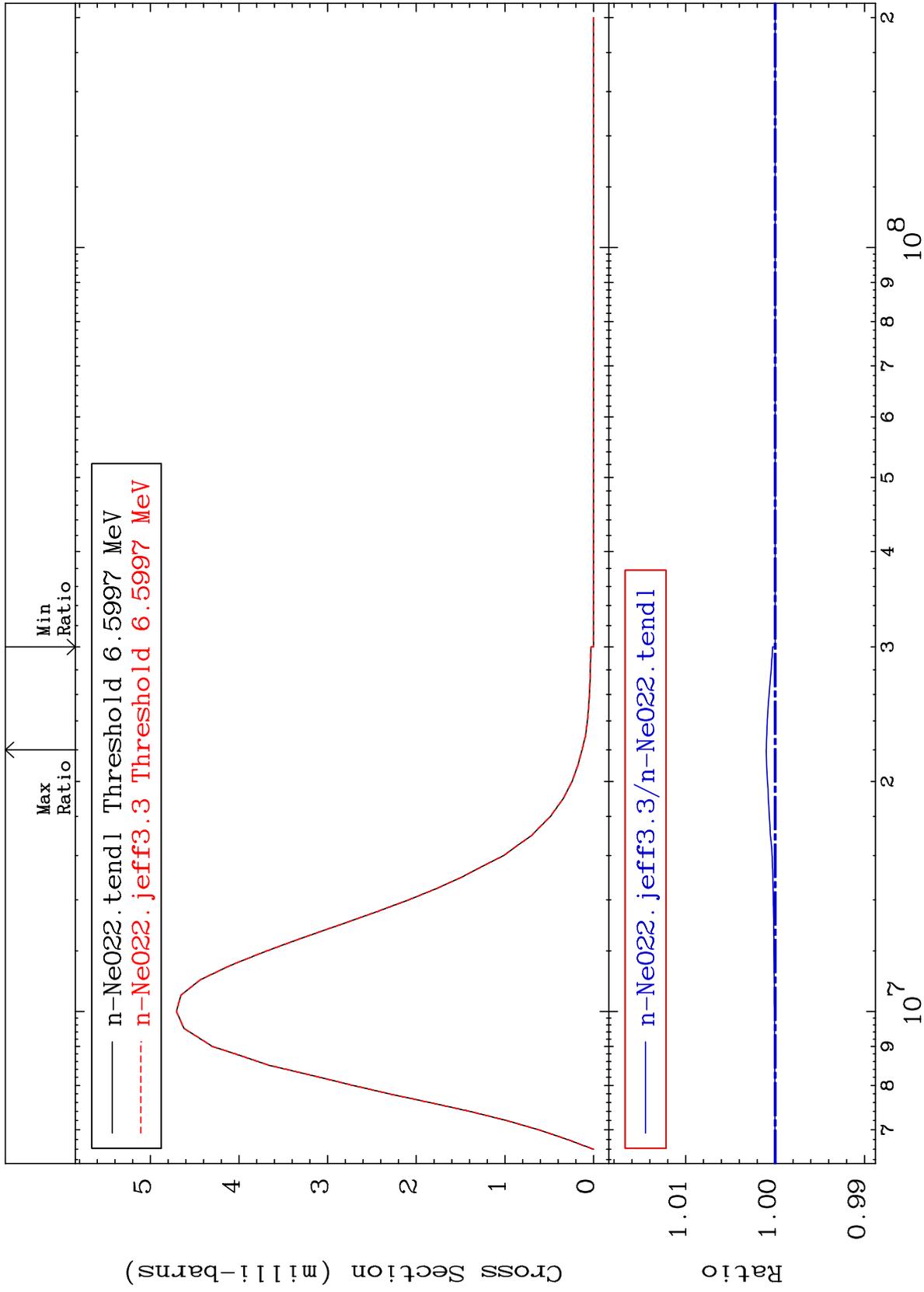
10-Ne-22

MAT 1031

MT= 62 (n,n') Level

10-Ne-22

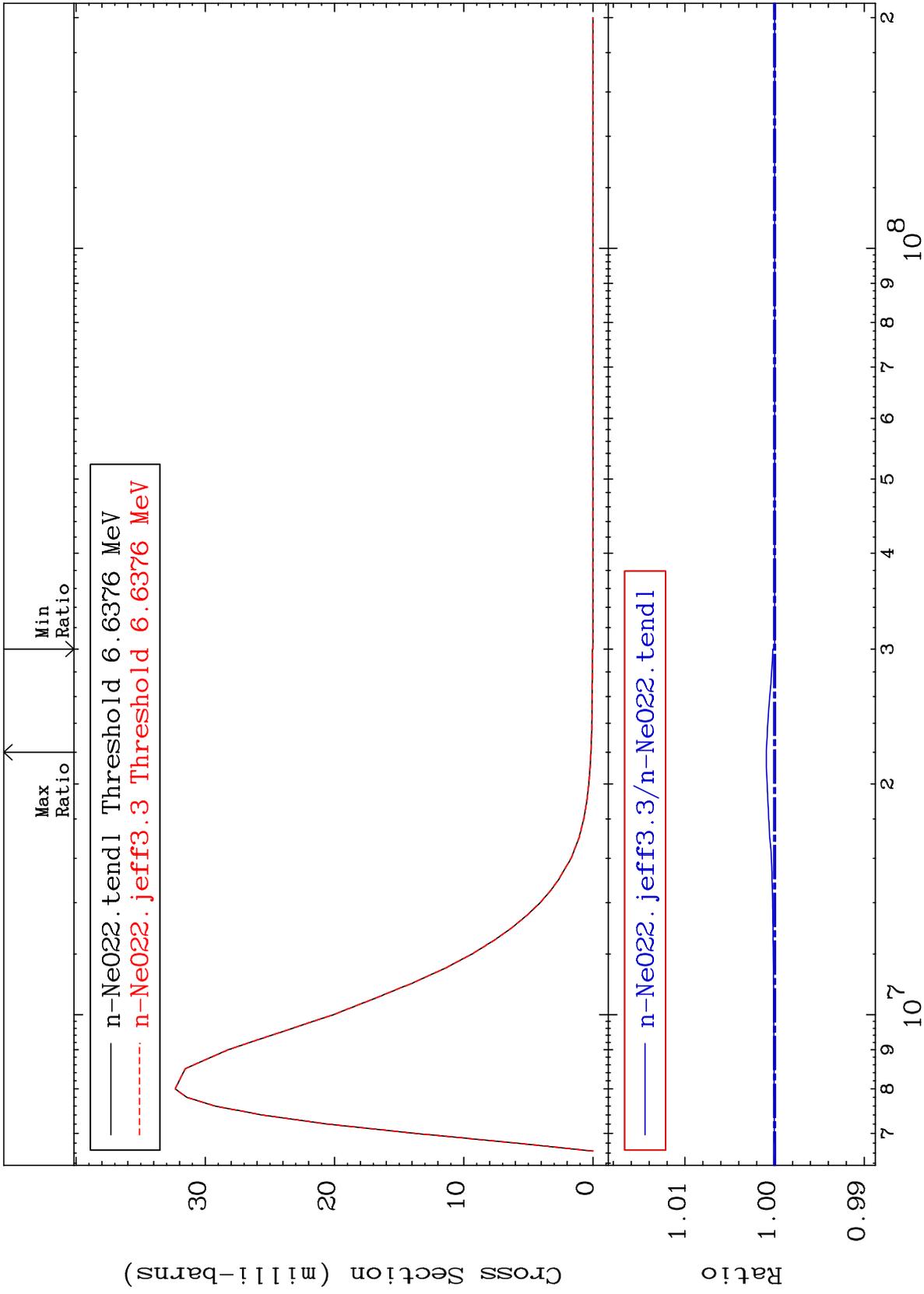
Cross Section  
0.000 To 0.099 %



MAT 1031

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

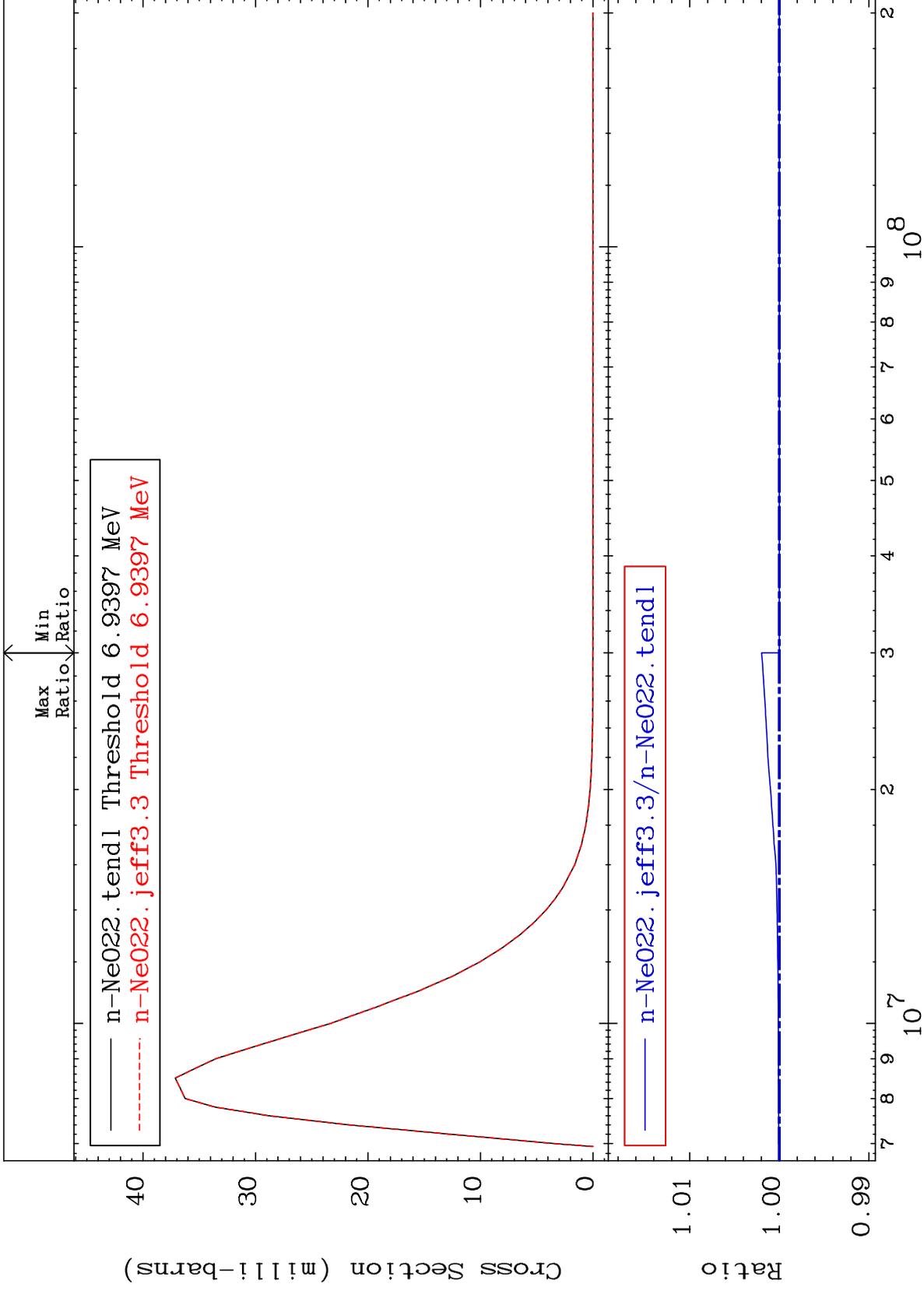
10-Ne-22  
To 0.094 %



MAT 1031

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

10-Ne-22  
To 0.197 %



30

Incident Energy (eV)

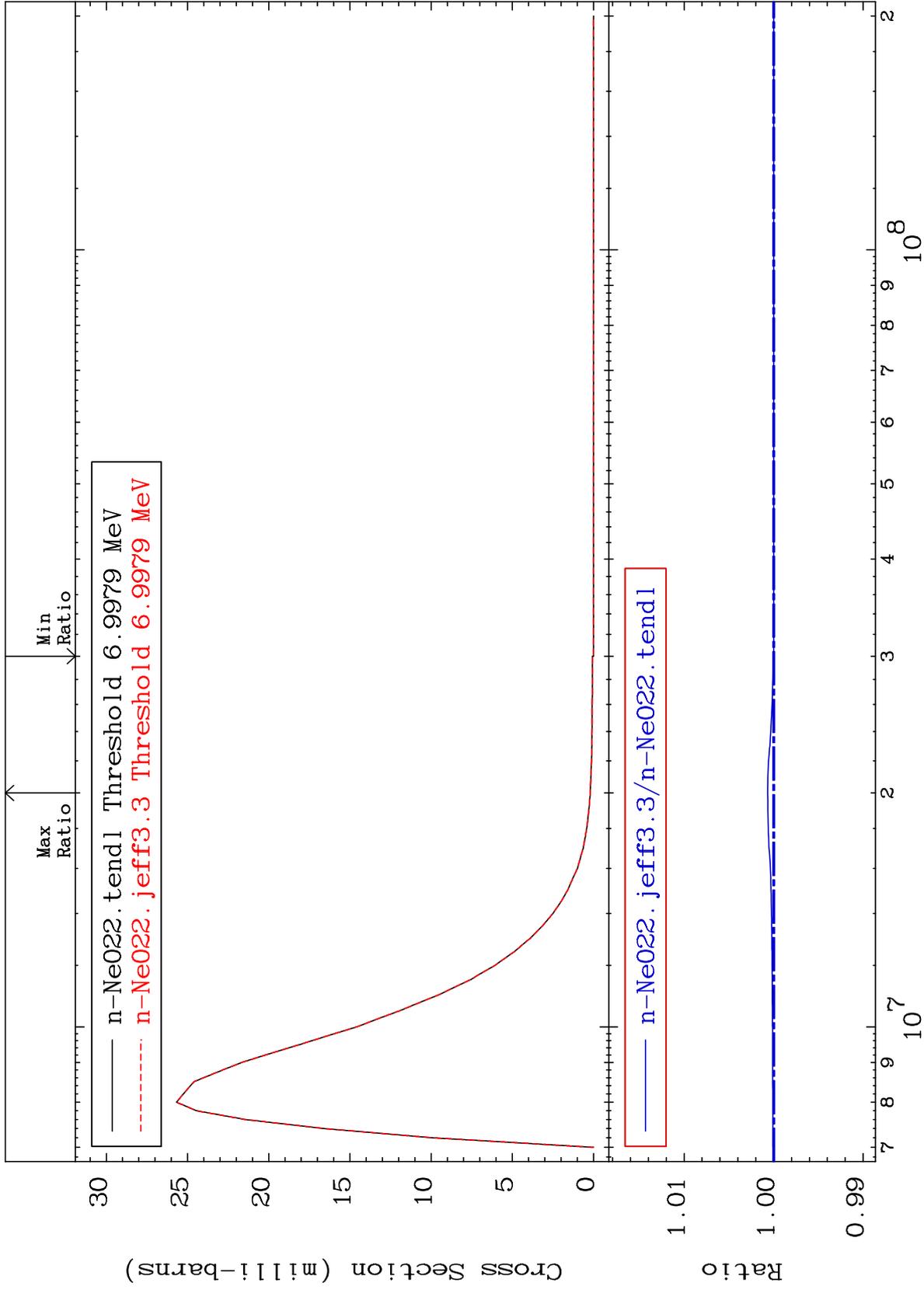
10-Ne-22

MAT 1031

MT= 65 (n,n') Level

10-Ne-22

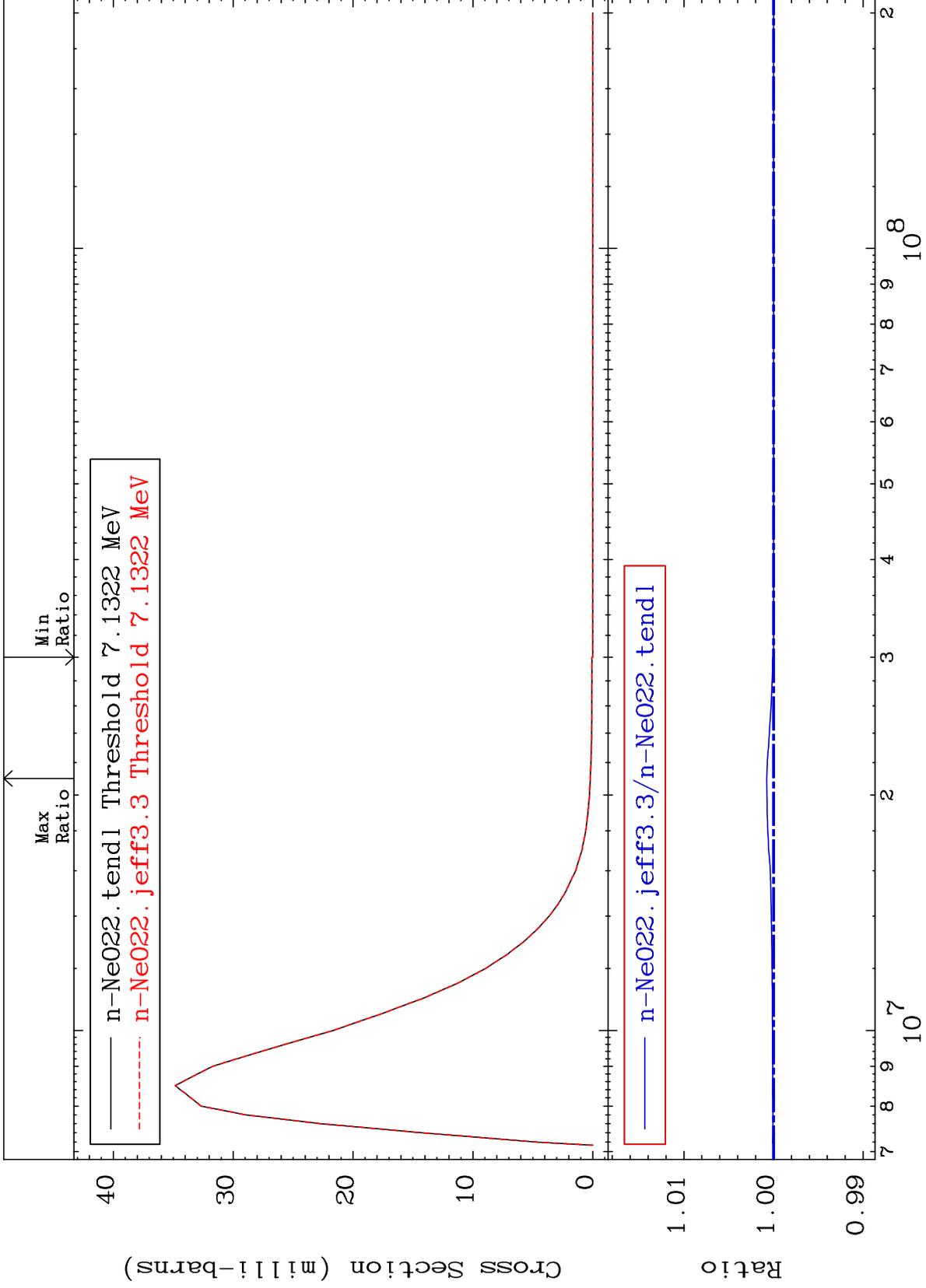
Cross Section  
0.000 To 0.066 %



MAT 1031

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

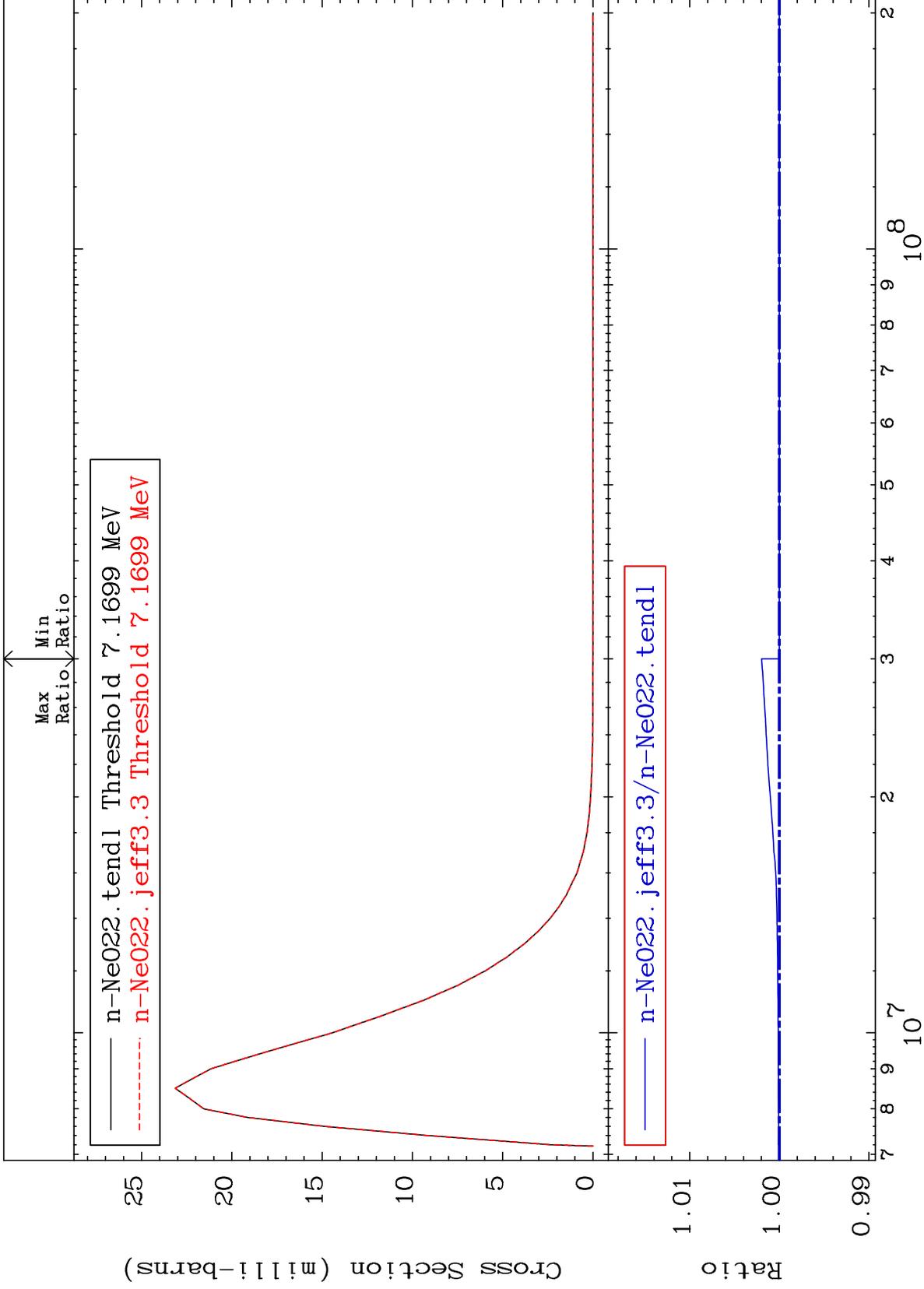
10-Ne-22  
To 0.076 %



MAT 1031

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

10-Ne-22  
To 0.198 %



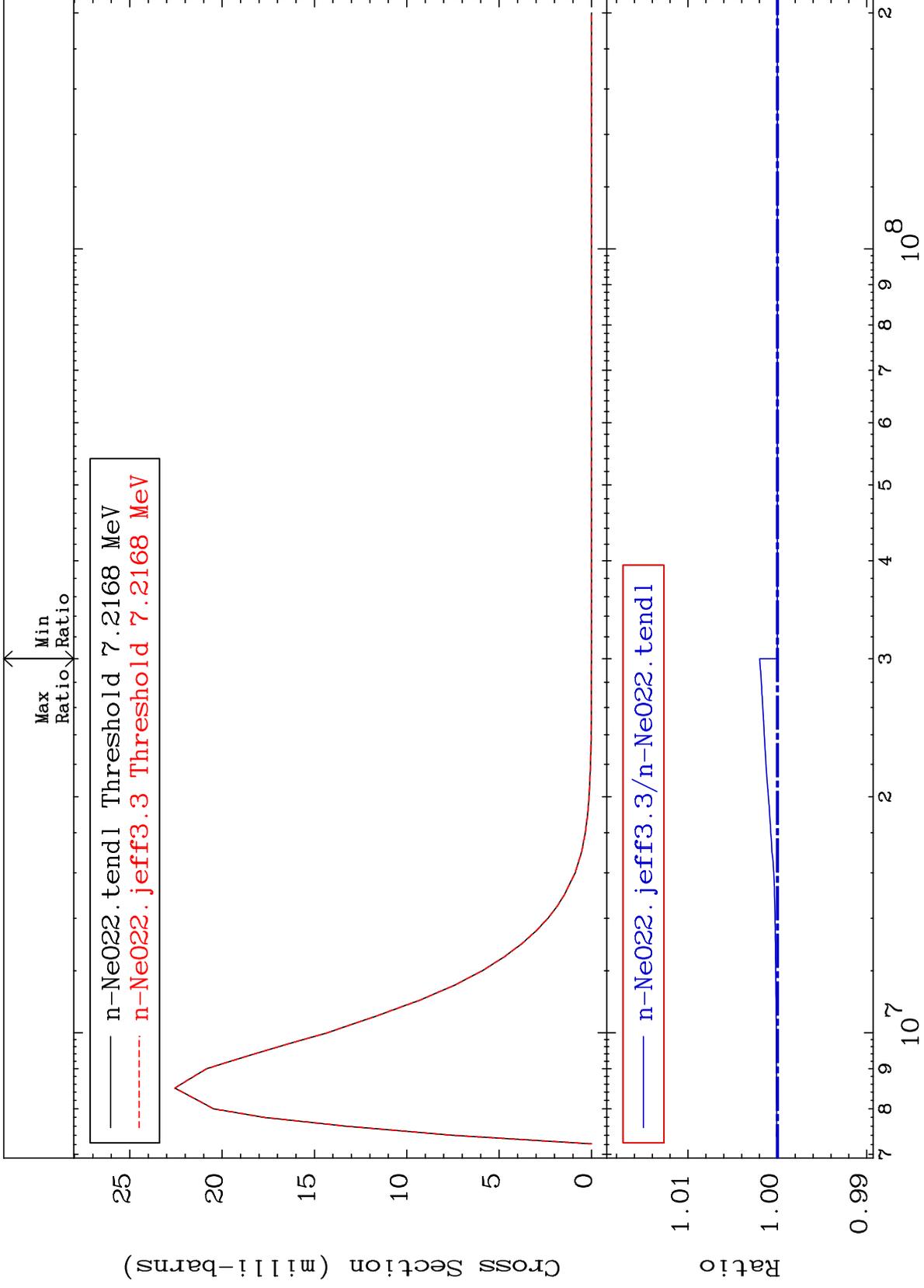
33

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.199 %



34

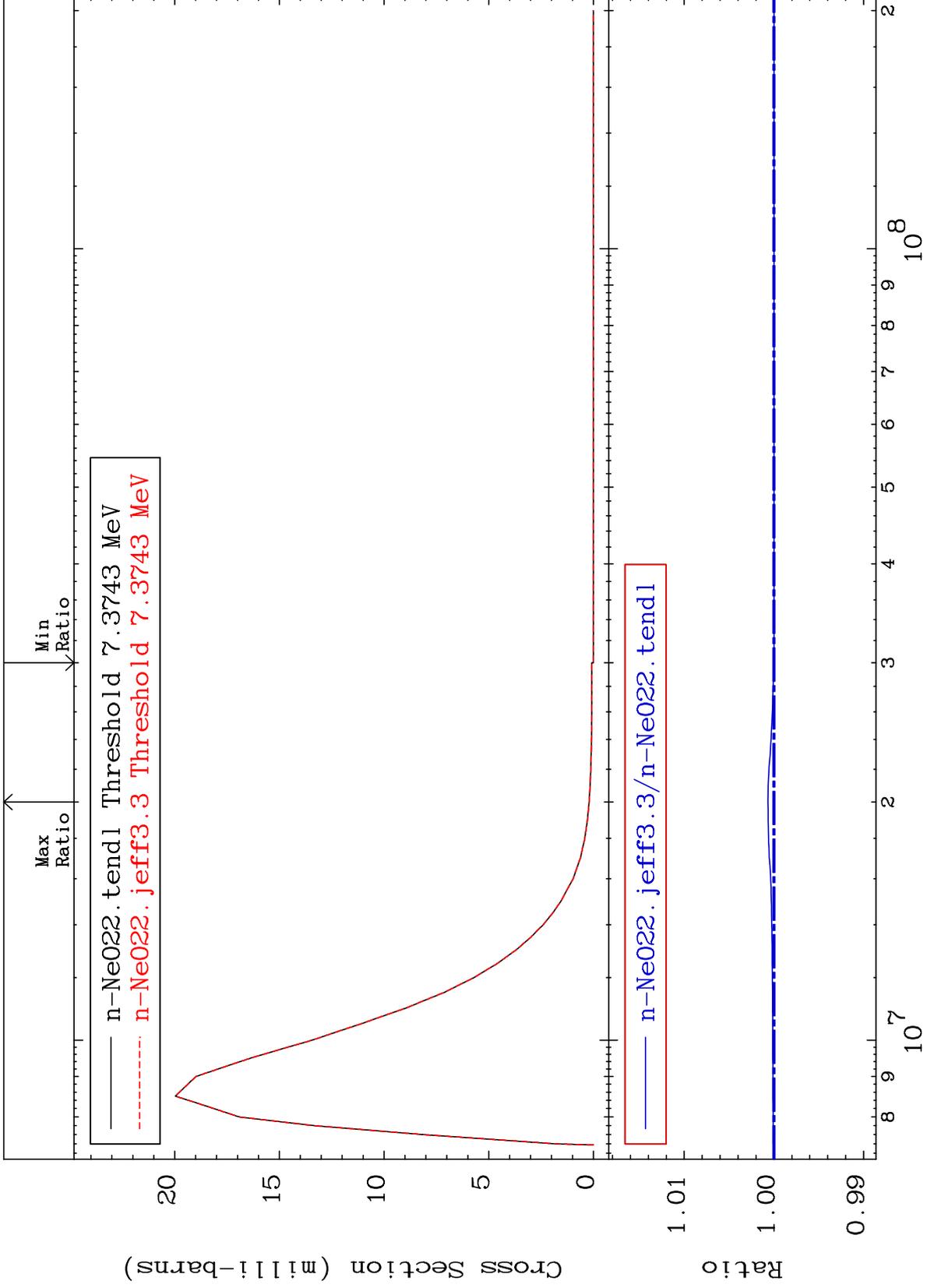
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.066 %



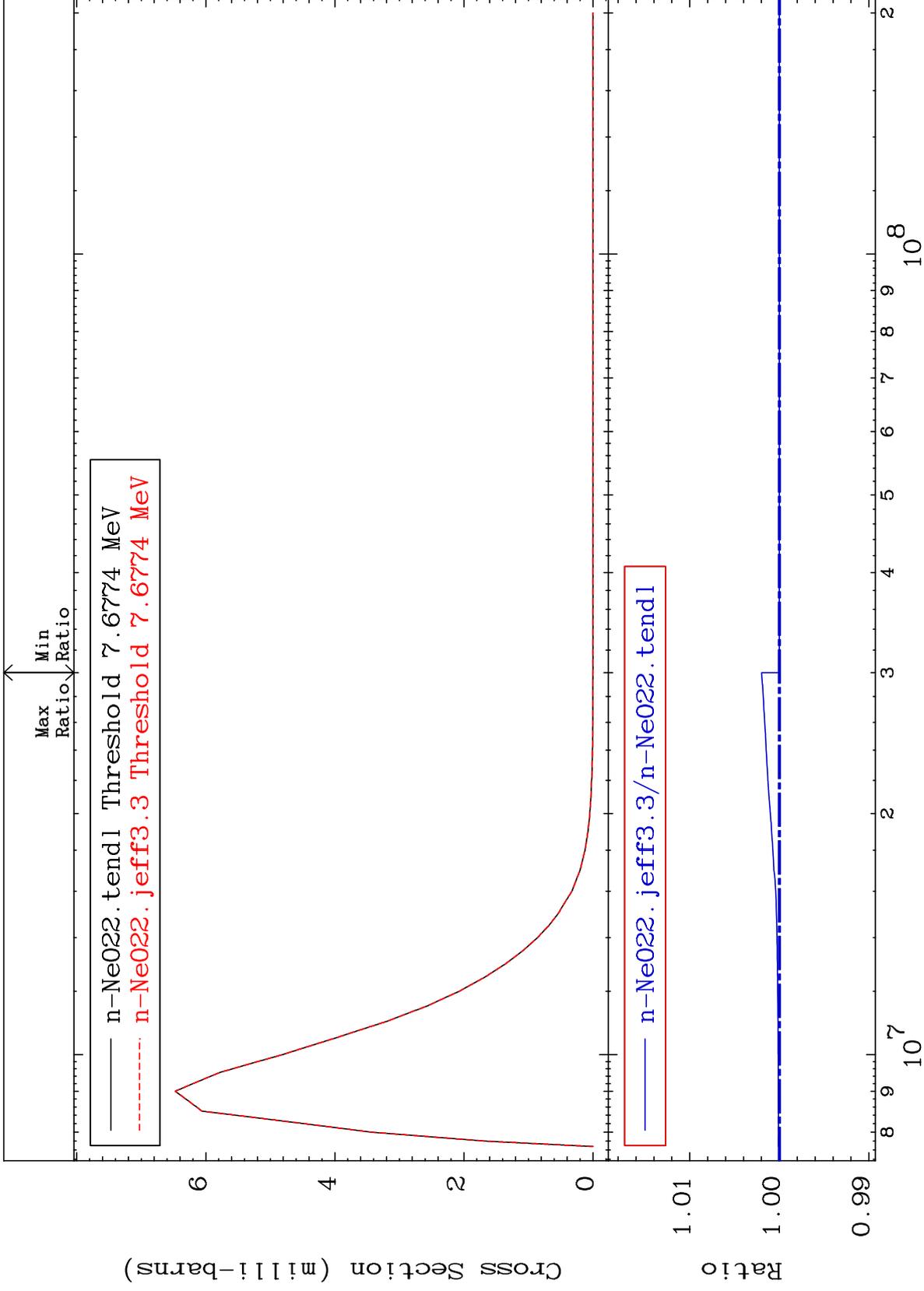
35

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.199 %



36

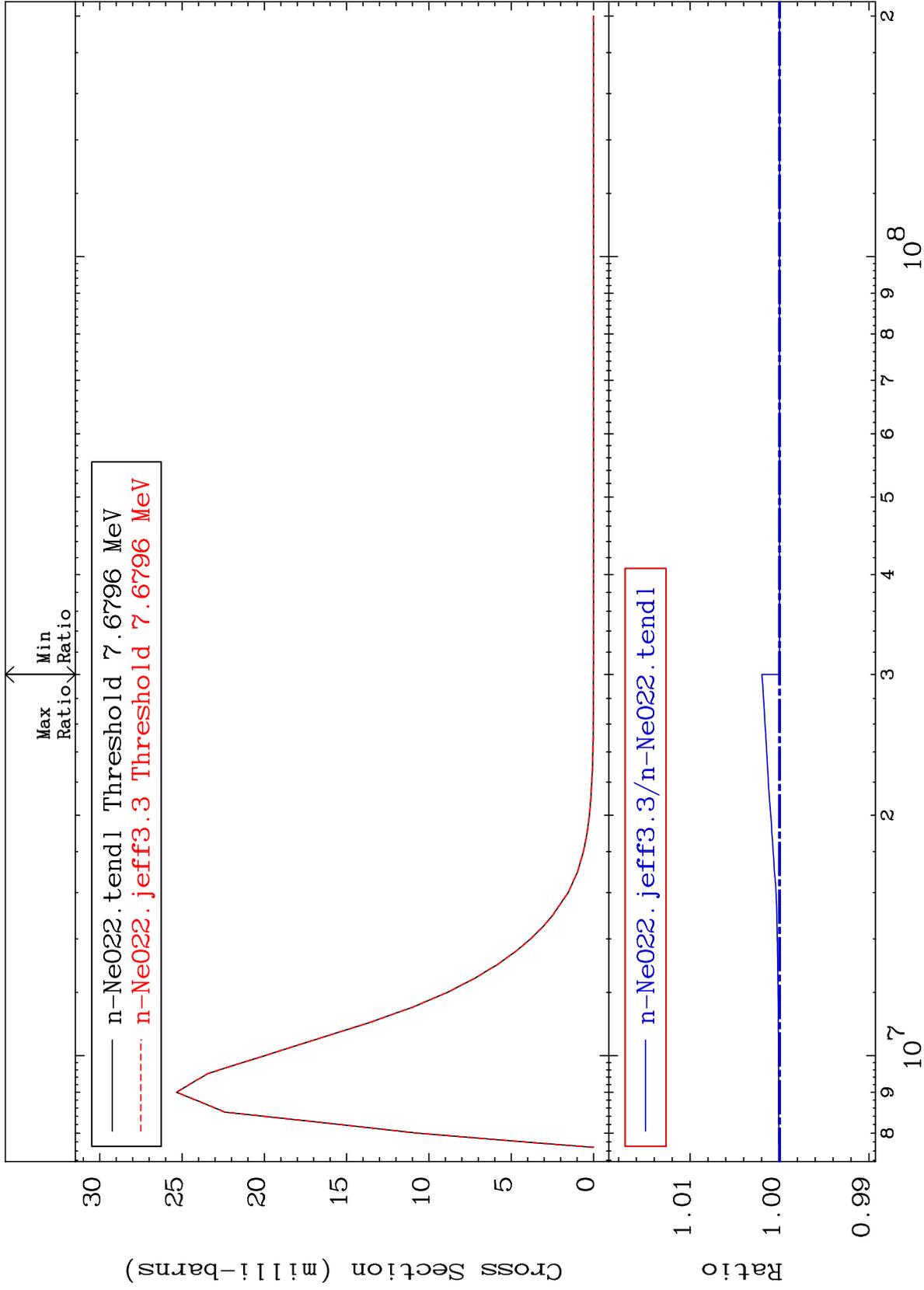
10-Ne-22

MAT 1031

MT= 71 (n,n') Level

10-Ne-22

Cross Section  
0.000 To 0.197 %



37

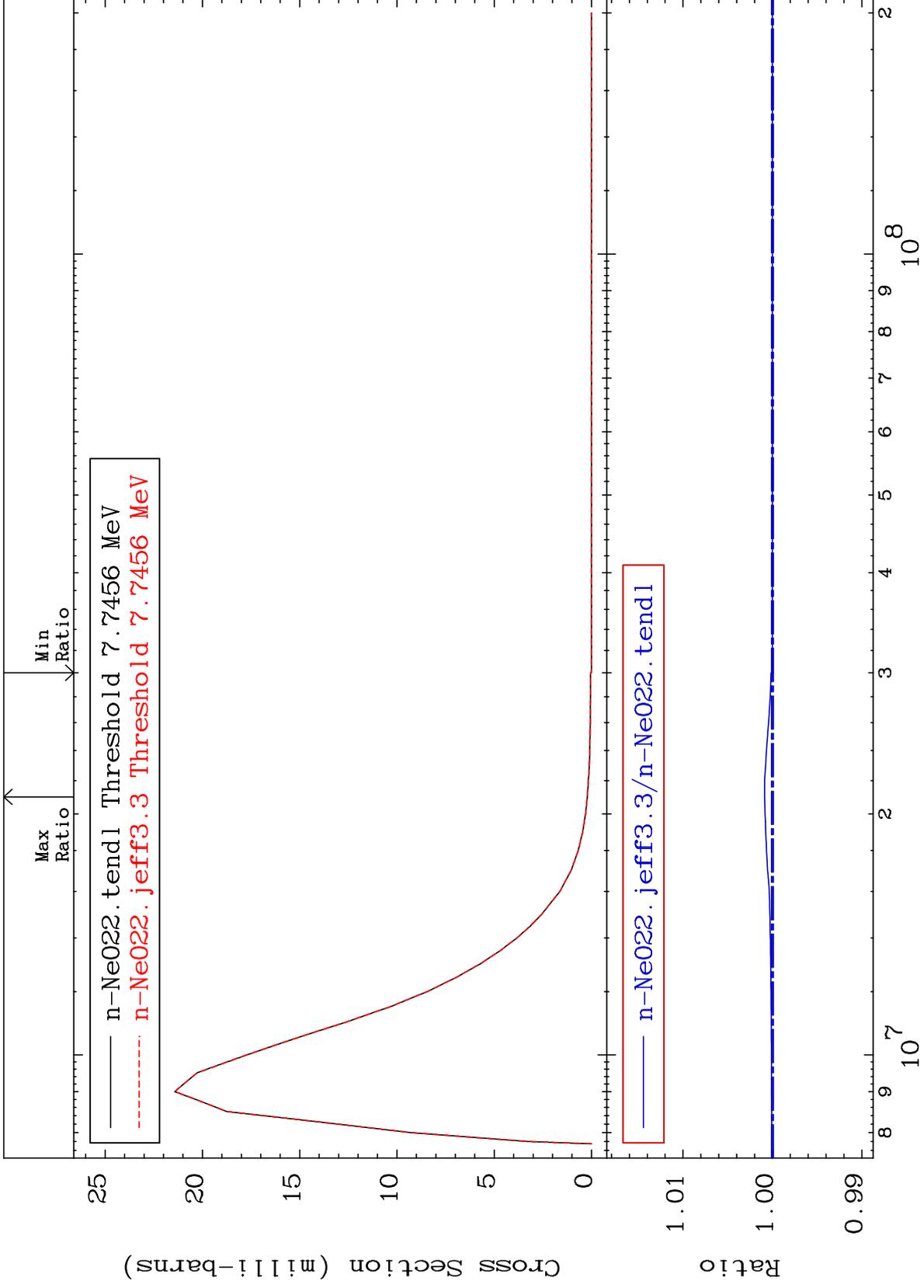
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
0.000 To 0.088 %



38

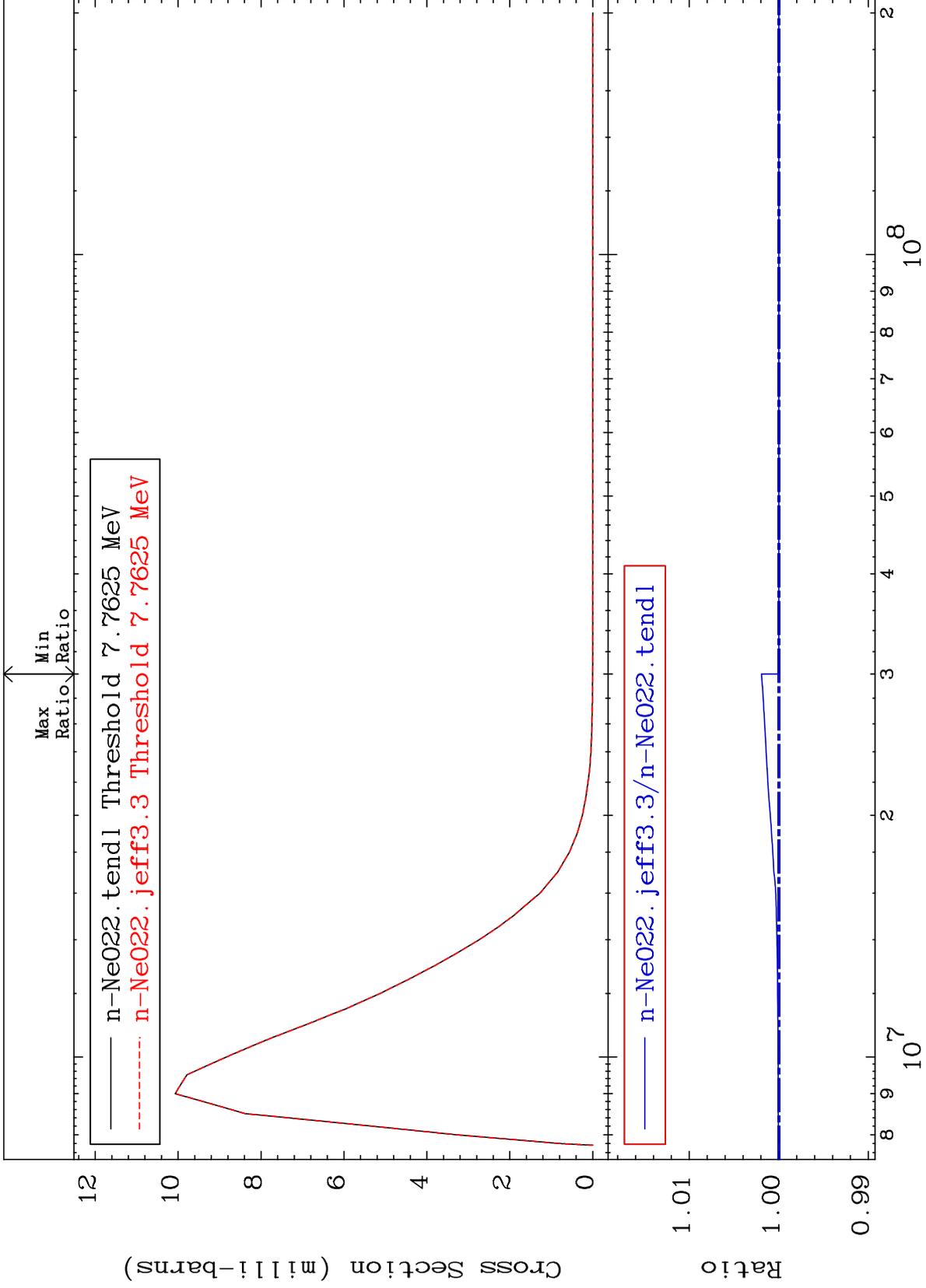
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.194 %



39

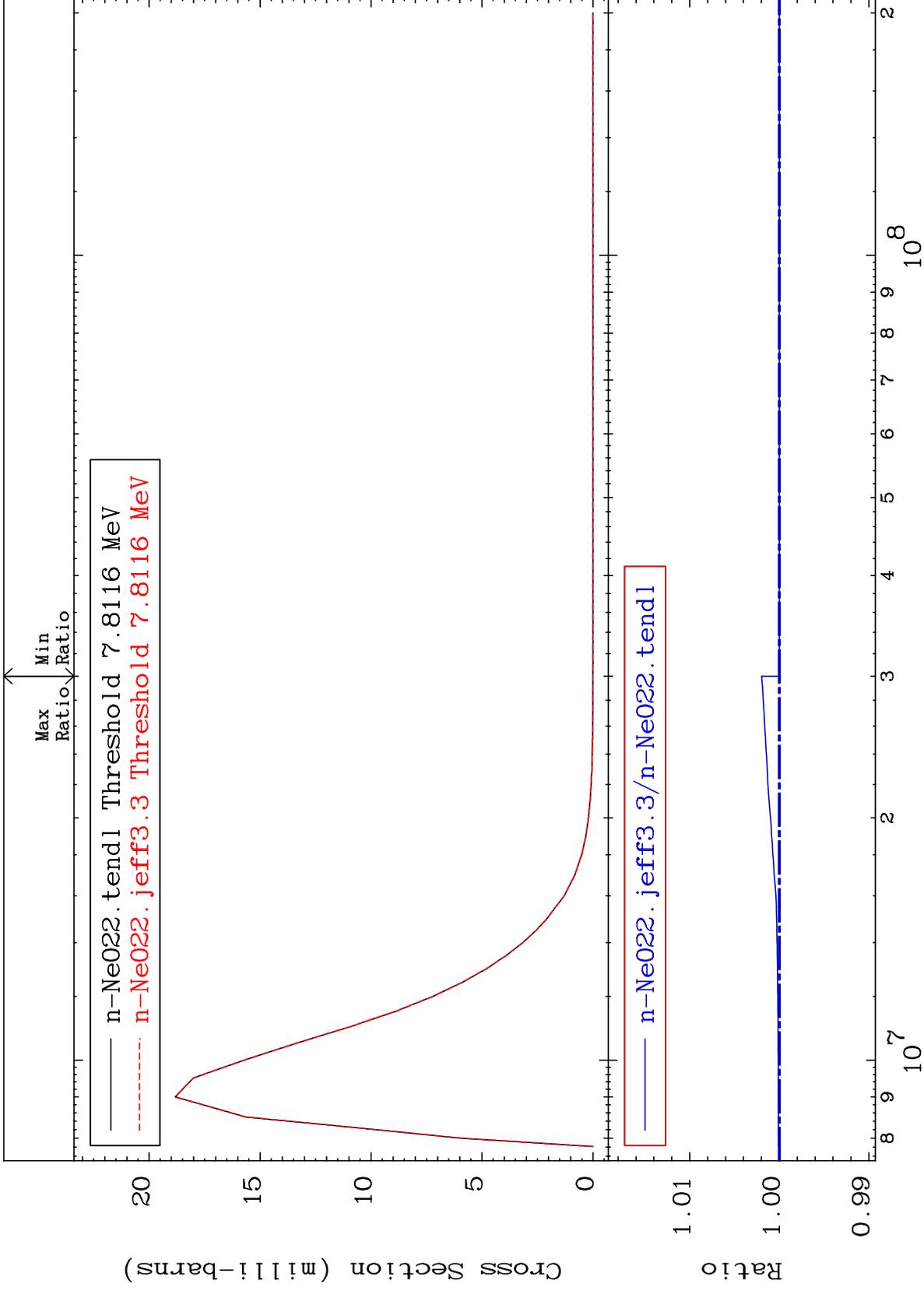
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.198 %



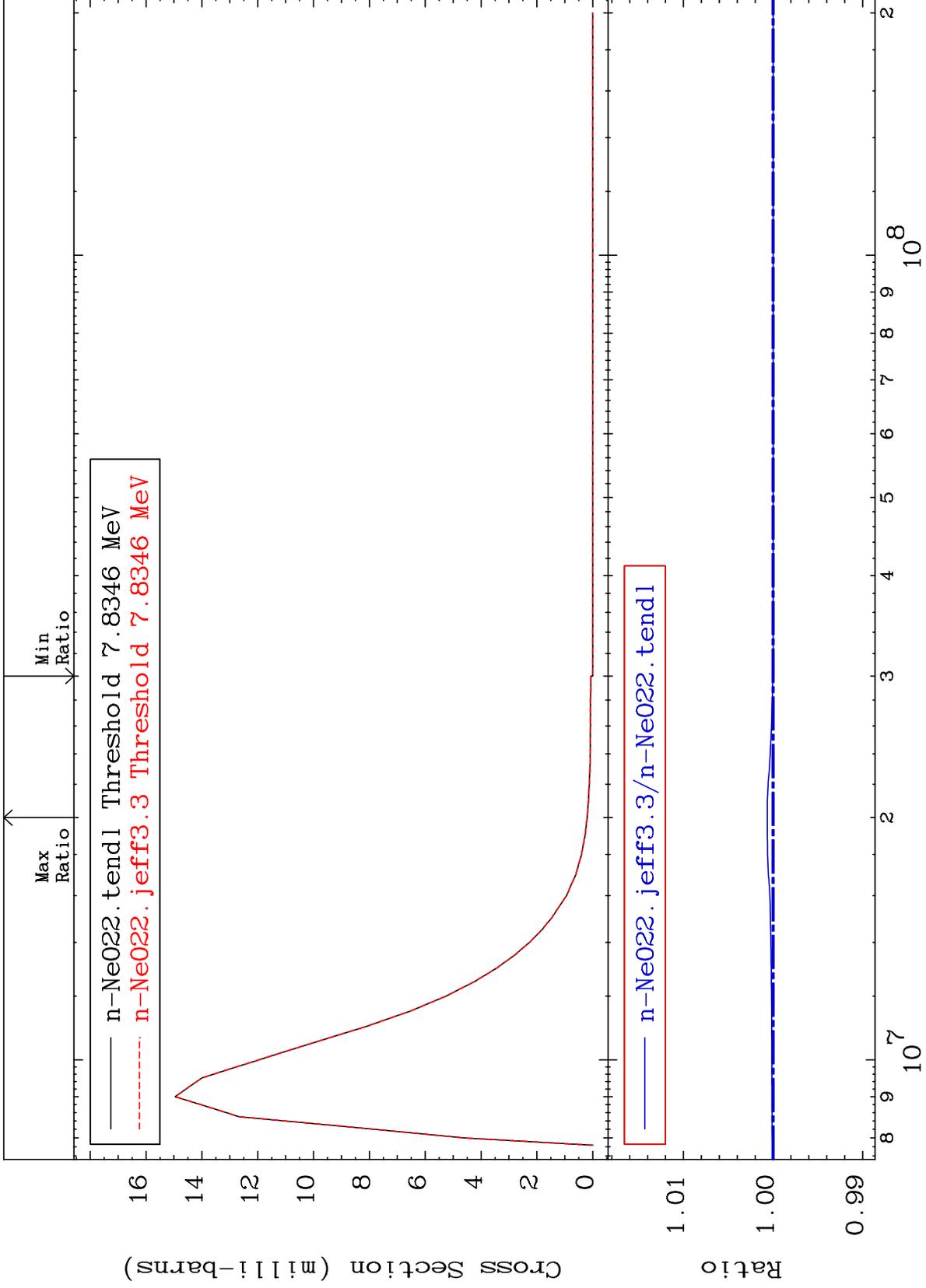
40

10-Ne-22

MAT 1031

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

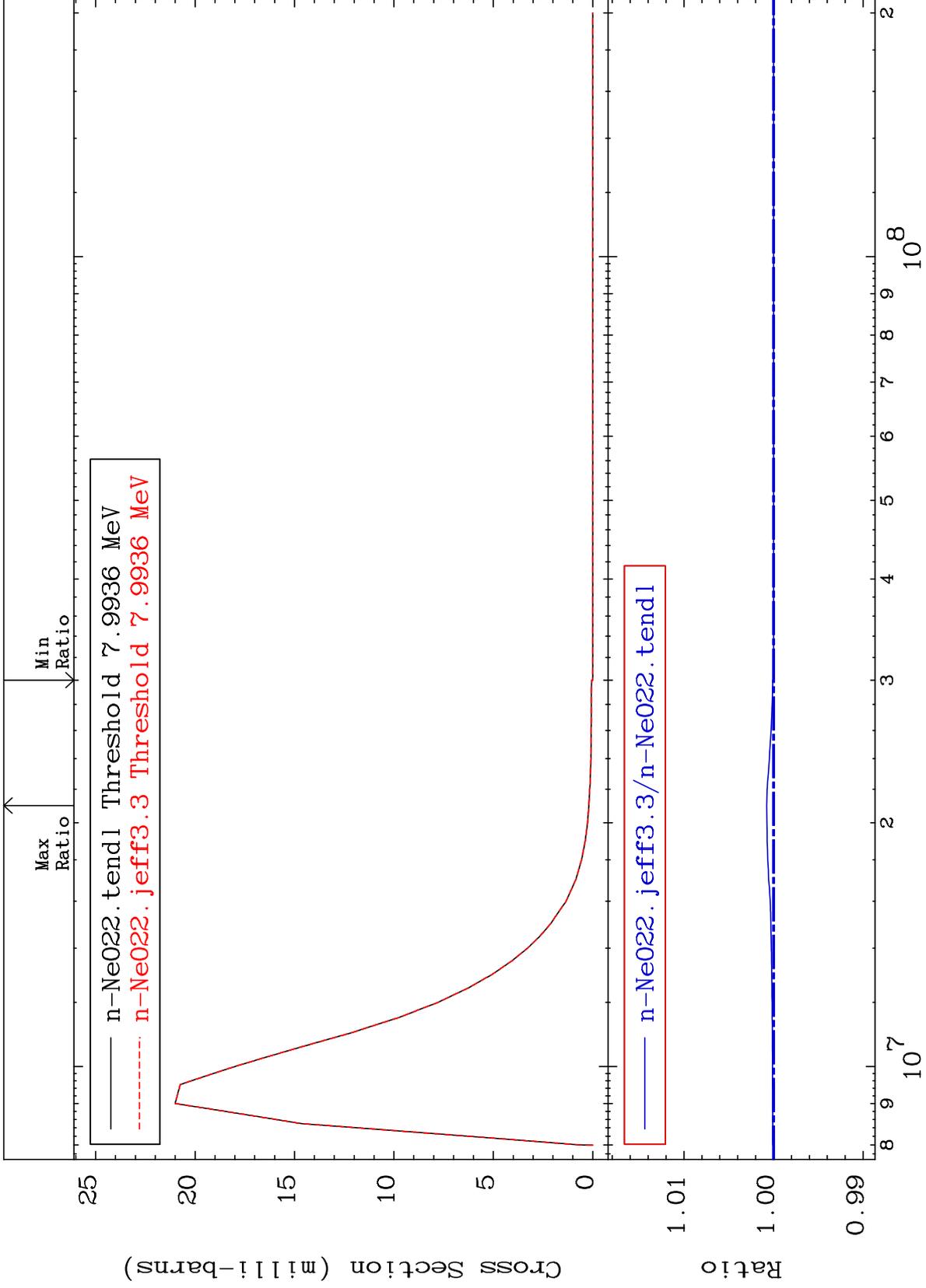
10-Ne-22  
0.000 To 0.065 %



MAT 1031

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

10-Ne-22  
0.000 To 0.076 %



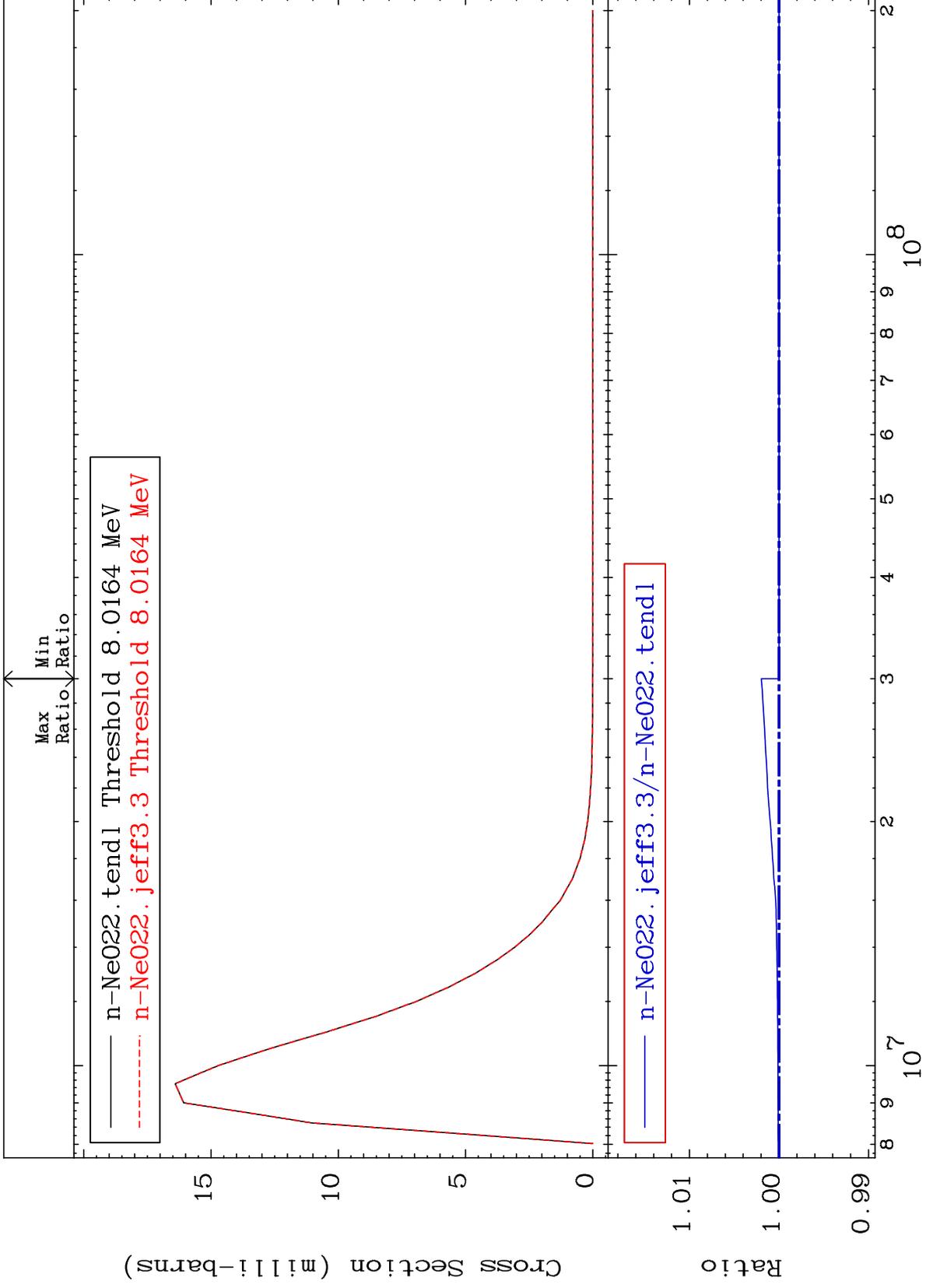
42

10-Ne-22

MAT 1031

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

10-Ne-22  
0.000 To 0.198 %



43

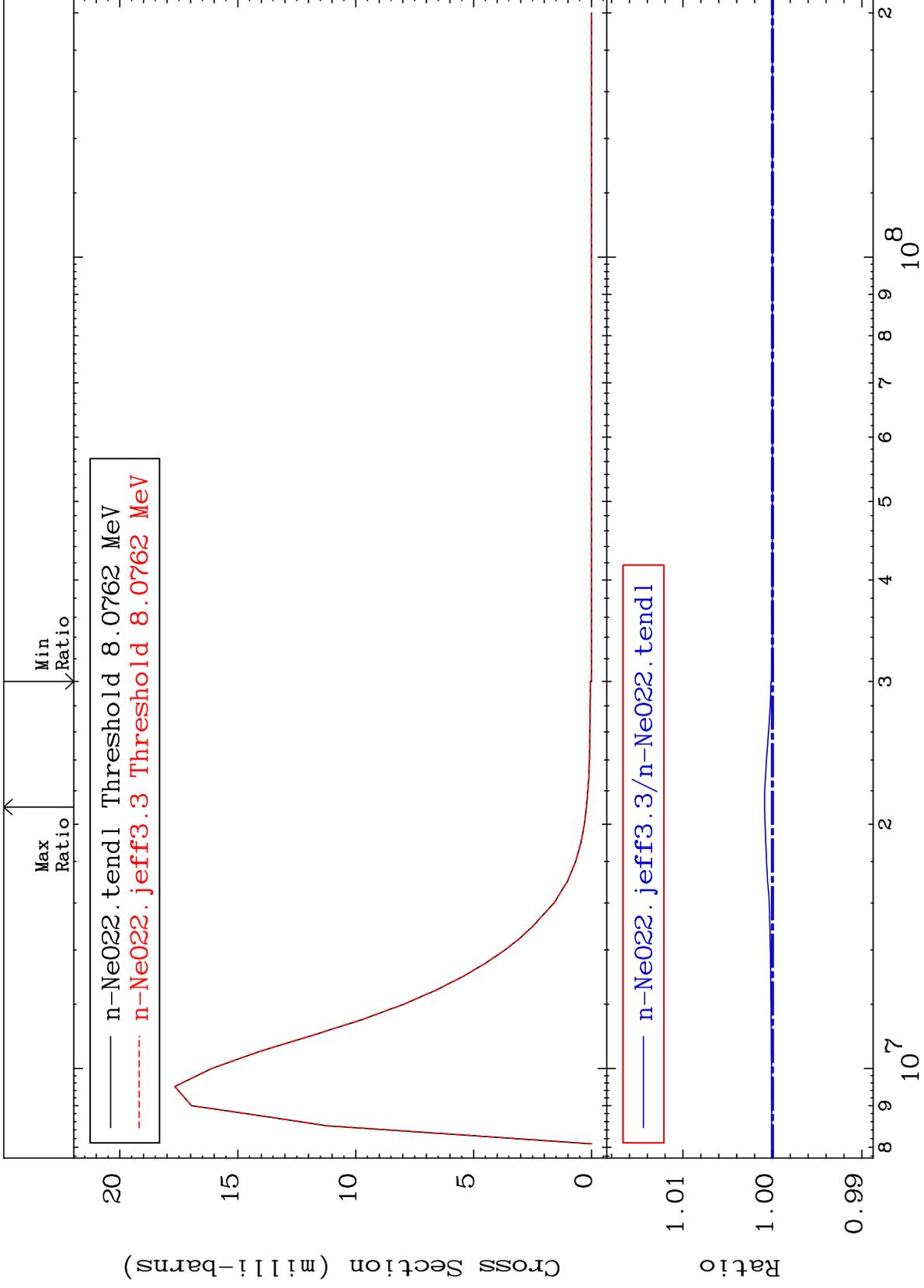
Incident Energy (eV)

10-Ne-22

MAT 1031

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

10-Ne-22  
0.000 To 0.088 %



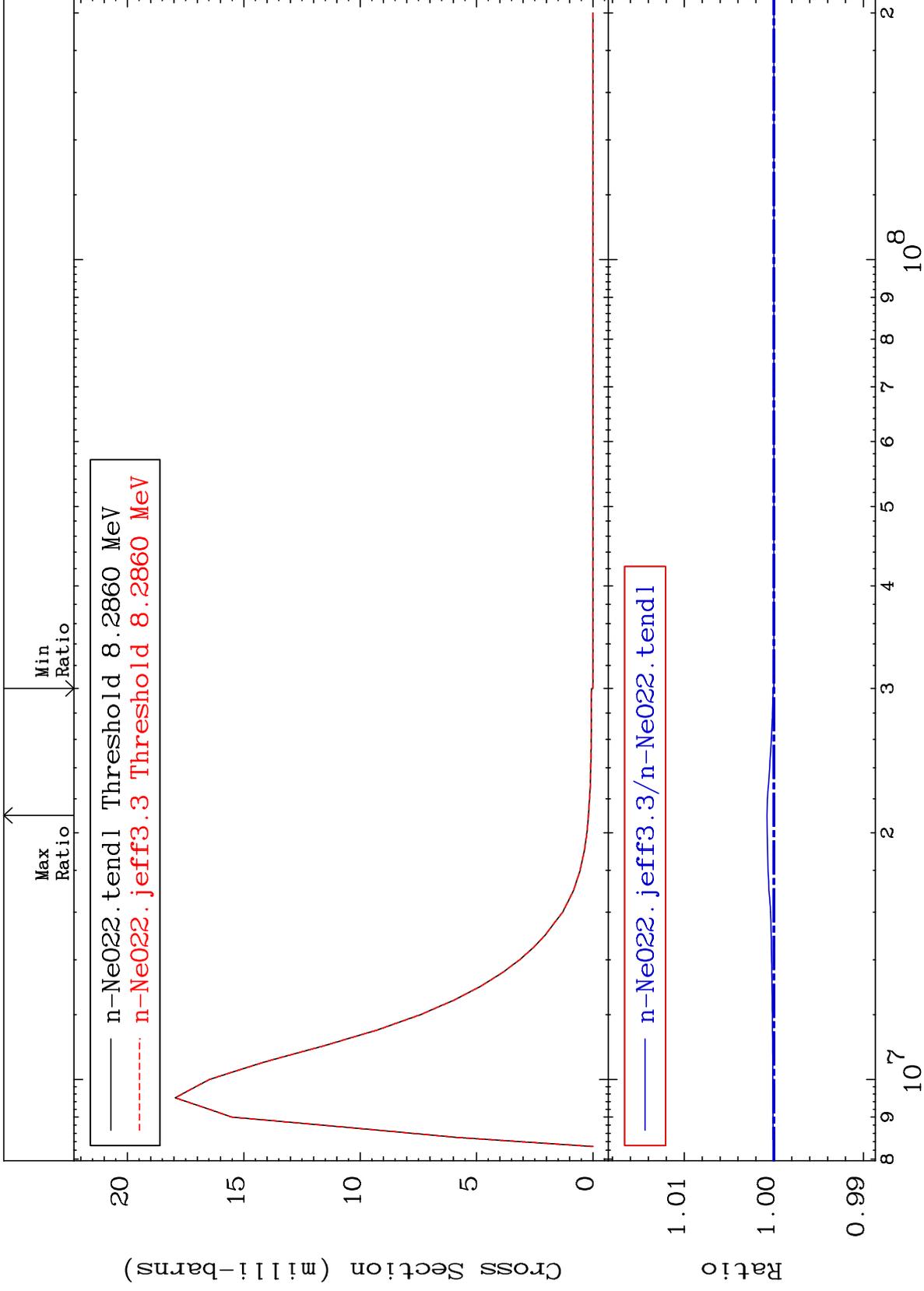
44

10-Ne-22

MAT 1031

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

10-Ne-22  
To 0.077 %



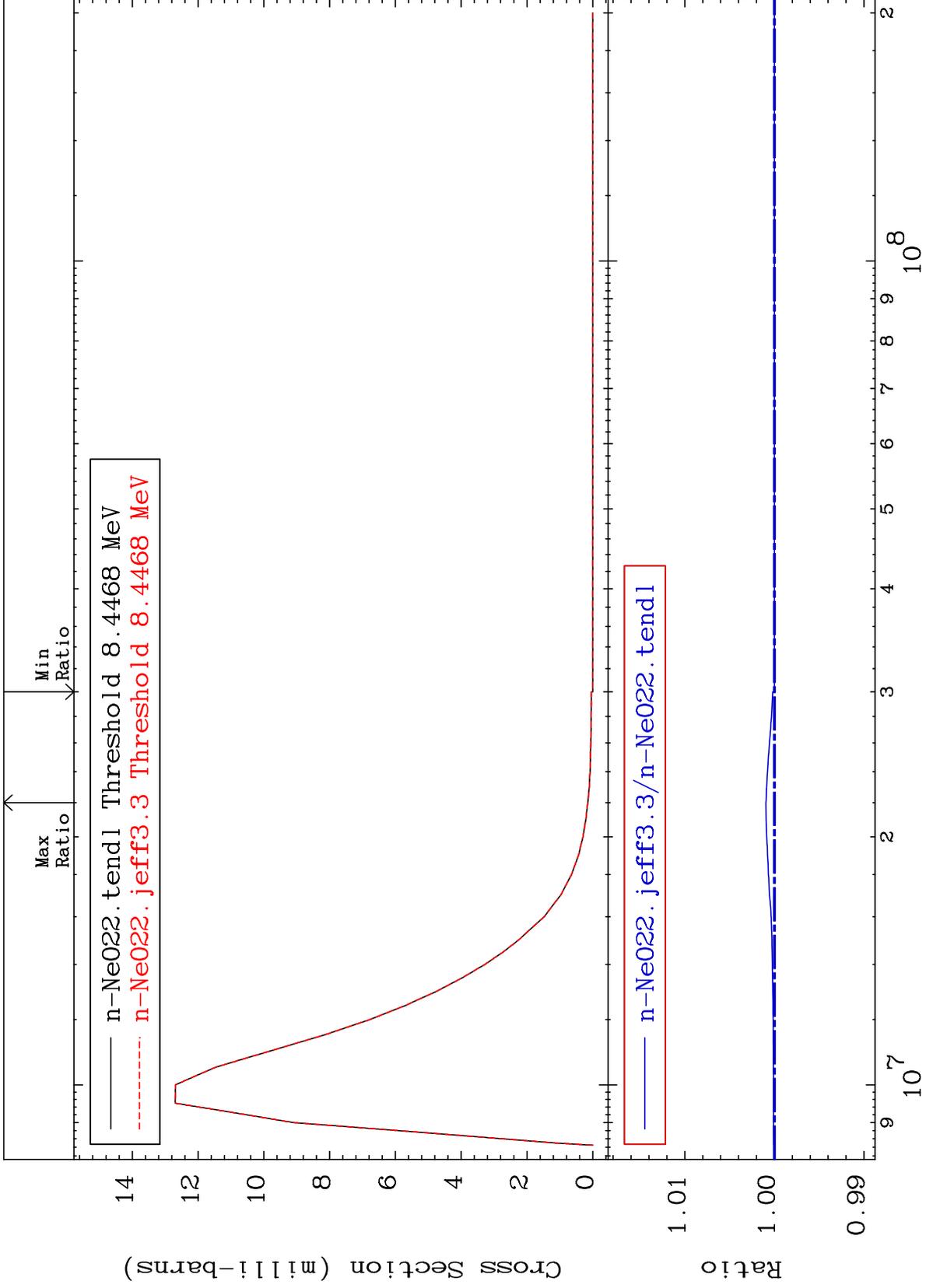
45

10-Ne-22

MAT 1031

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

10-Ne-22  
0.000 To 0.094 %



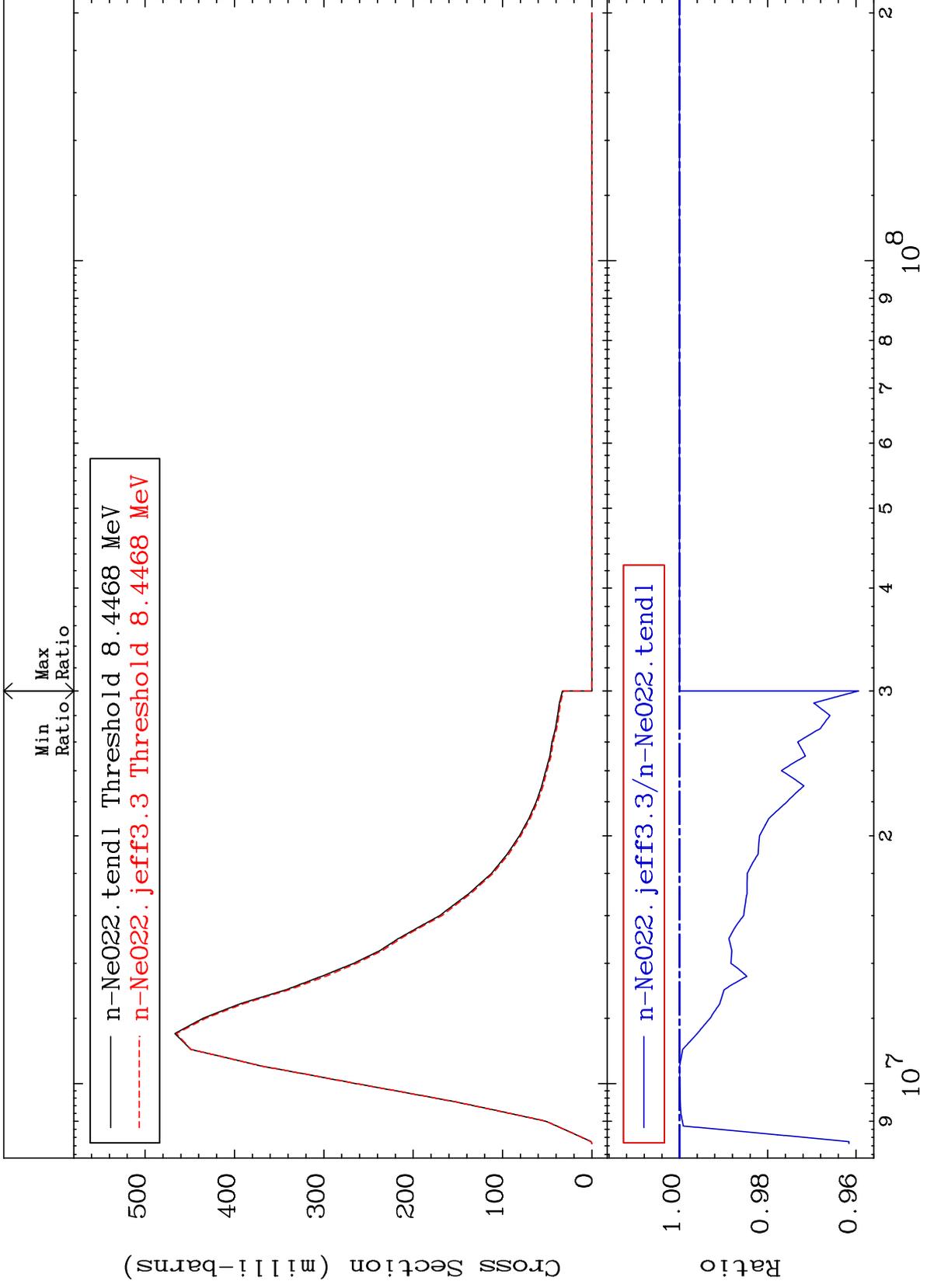
46

10-Ne-22

MAT 1031

(n, n') Continuum  
Cross Section

10-Ne-22  
-4.059 To 0.000 %

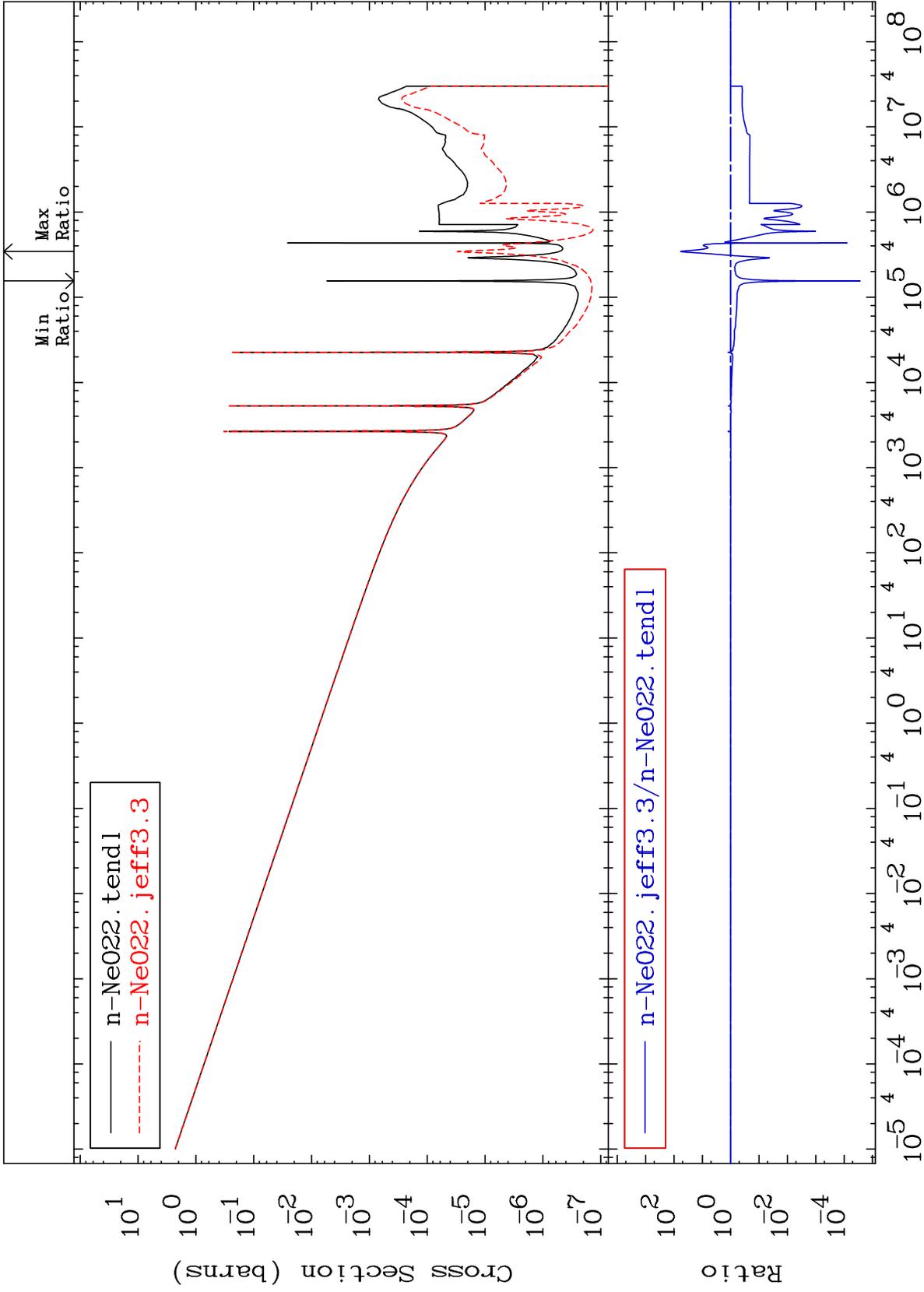


47

MAT 1031

(n,  $\gamma$ )  
Cross Section

10-Ne-22  
-100.0 To 5678. %



48

Incident Energy (eV)

10-Ne-22

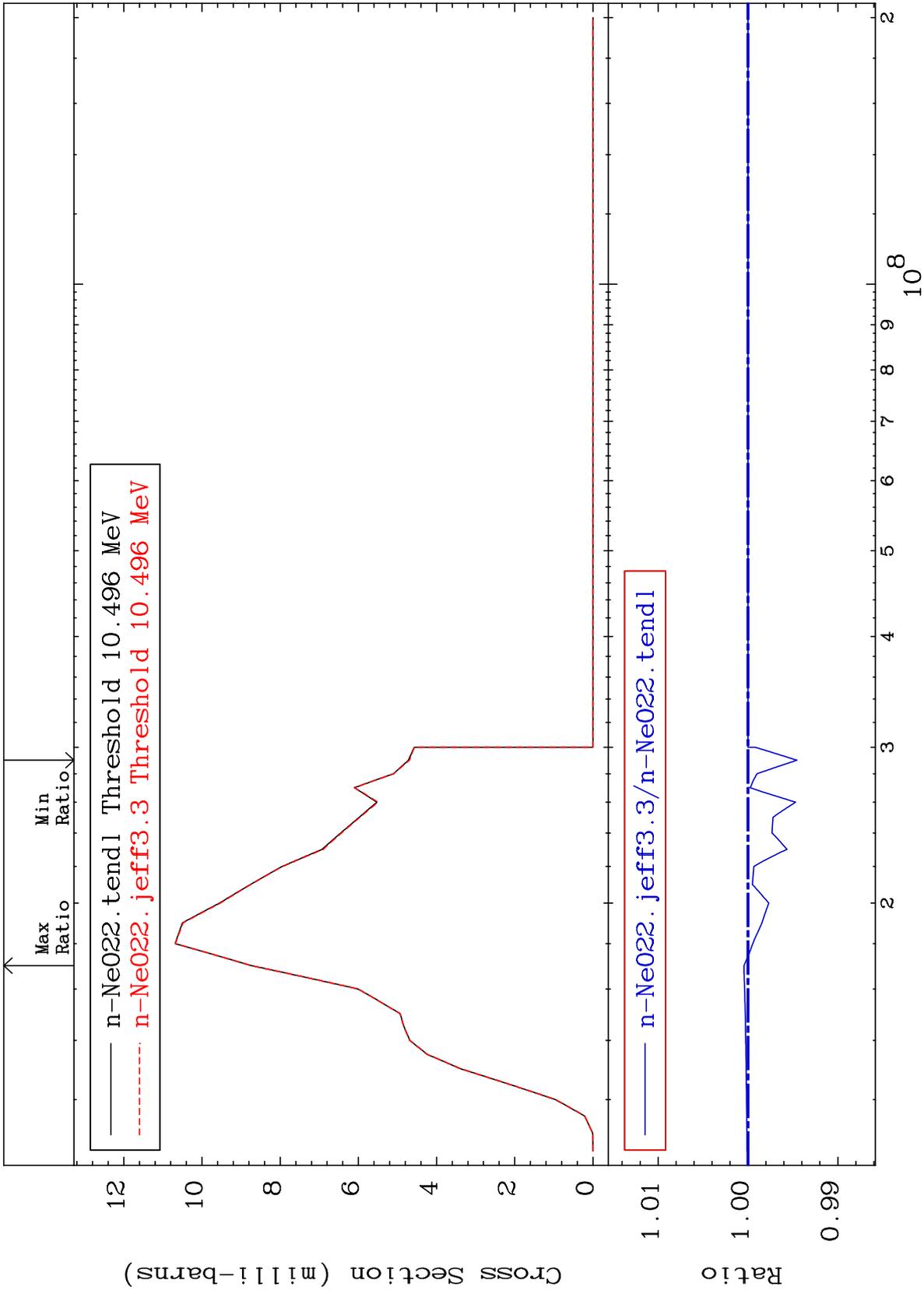
MAT 1031

(n,p)

10-Ne-22

Cross Section

-0.545 To 0.045 %



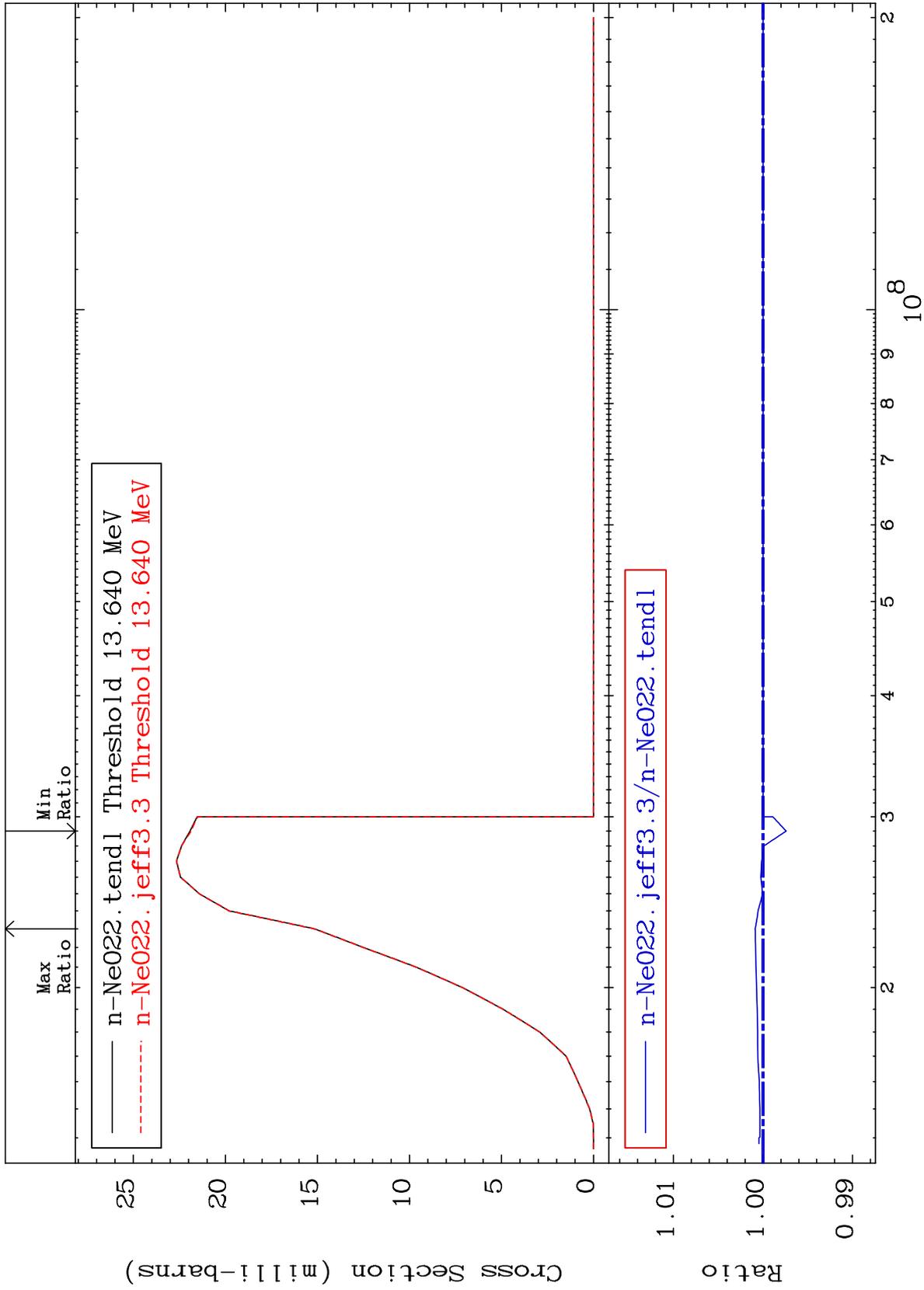
MAT 1031

(n, d)

10-Ne-22

Cross Section

-0.259 To 0.086 %



50

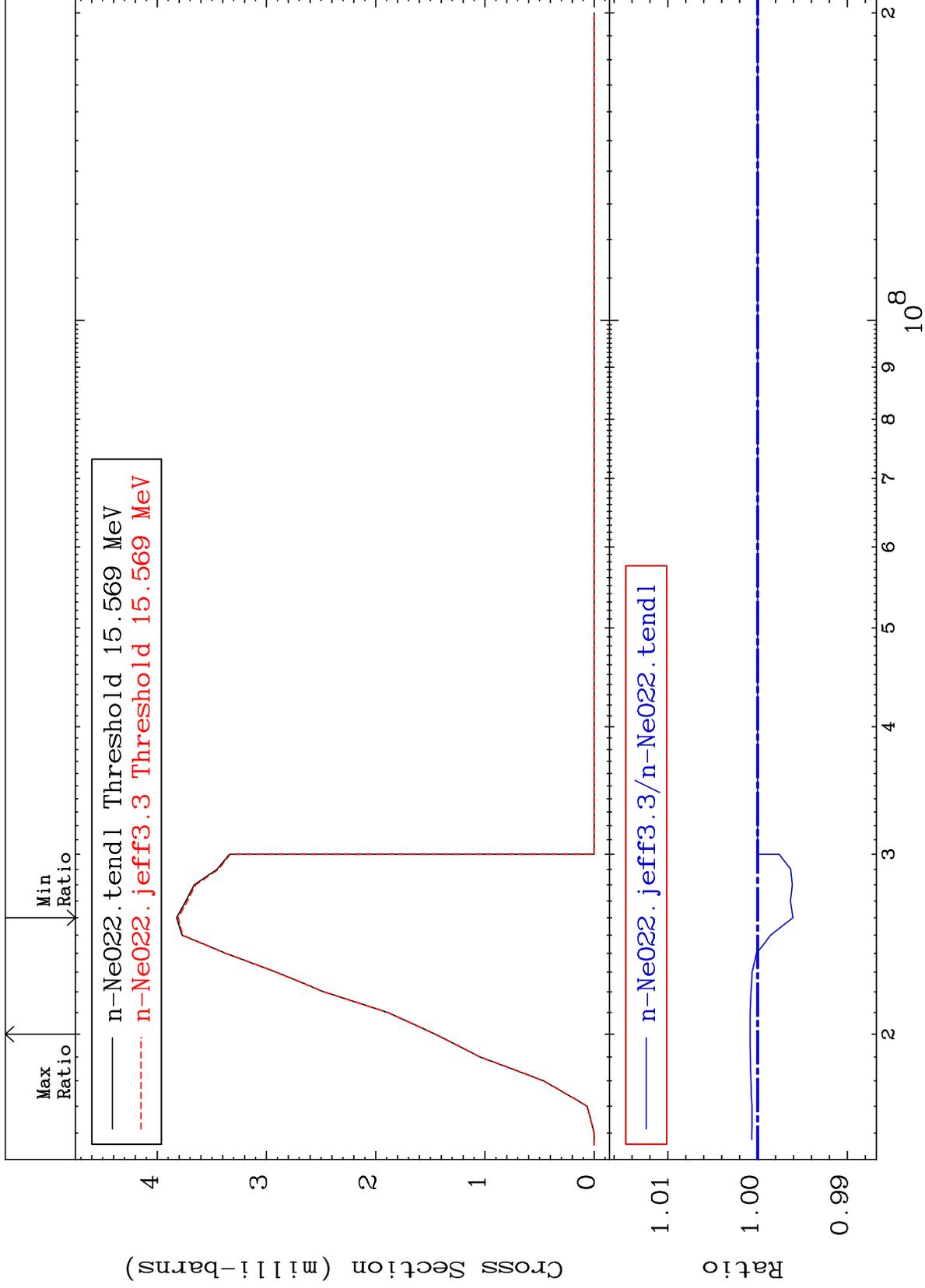
10-Ne-22

10-Ne-22

MAT 1031

(n, t)  
Cross Section

10-Ne-22  
-0.394 To 0.084 %



MAT 1031

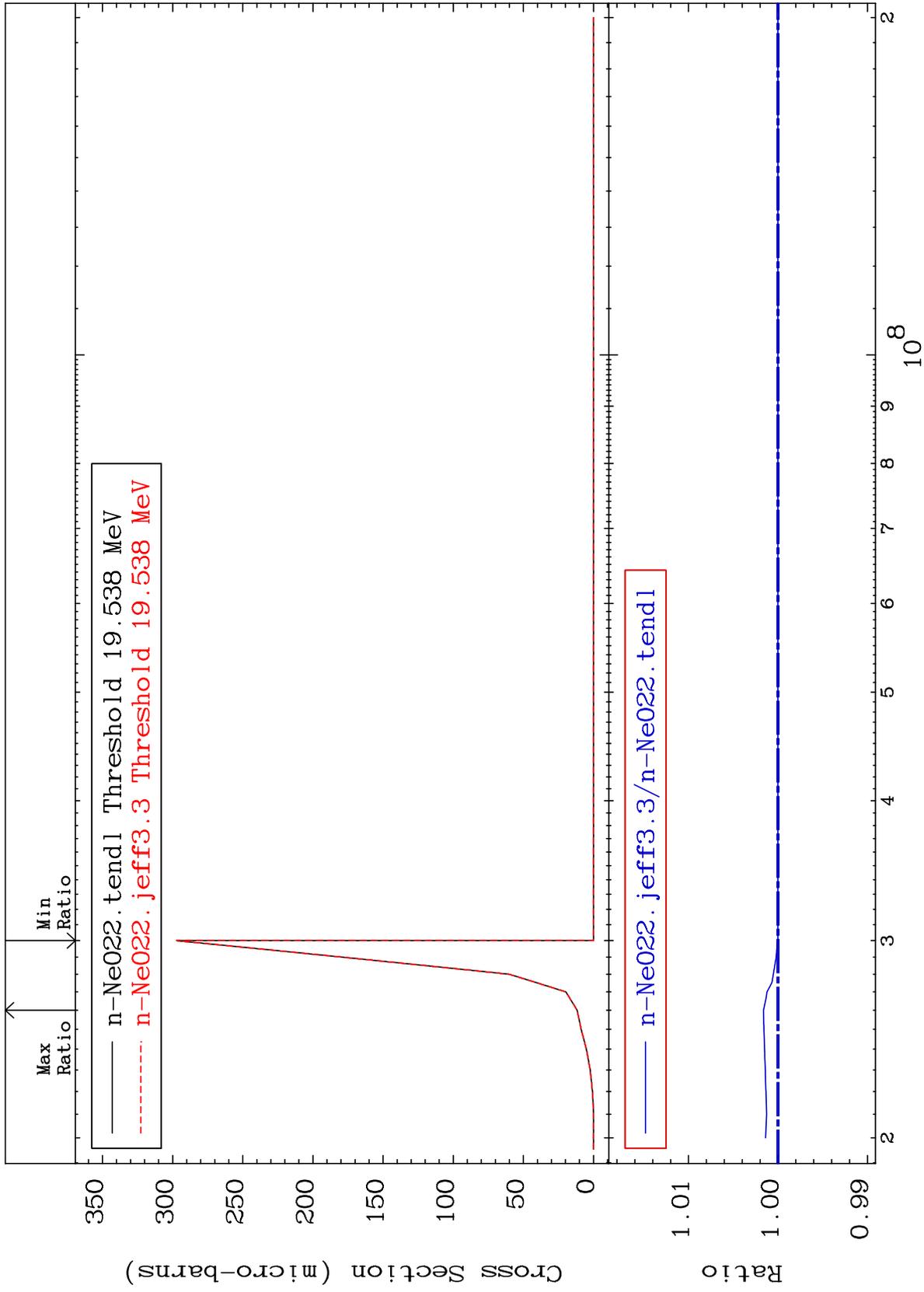
(n, He-3)

10-Ne-22

Cross Section

0.000

To 0.163 %



52

Incident Energy (eV)

10-Ne-22

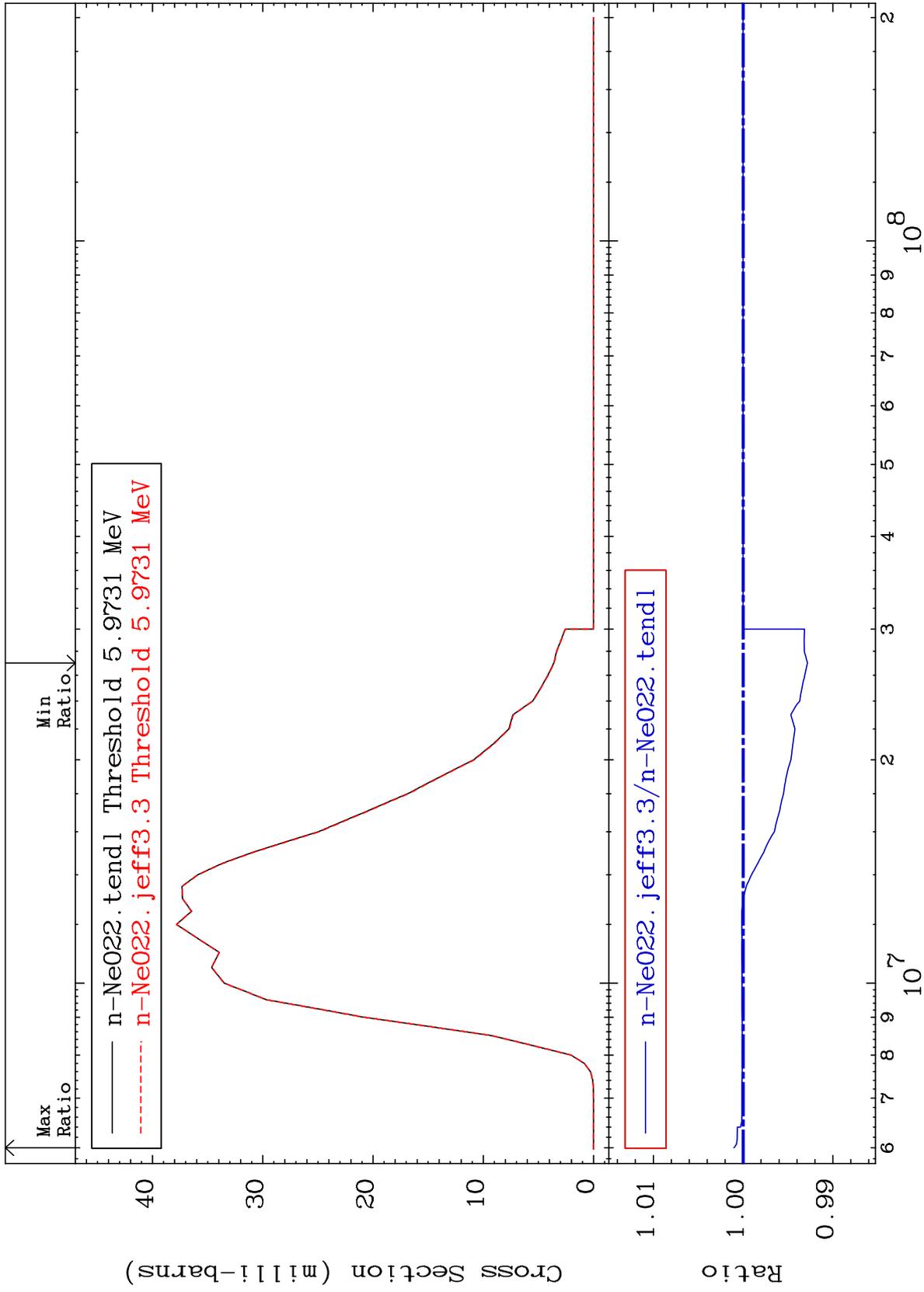
MAT 1031

(n,  $\alpha$ )

10-Ne-22

Cross Section

-0.717 To 0.102 %



MAT 1031

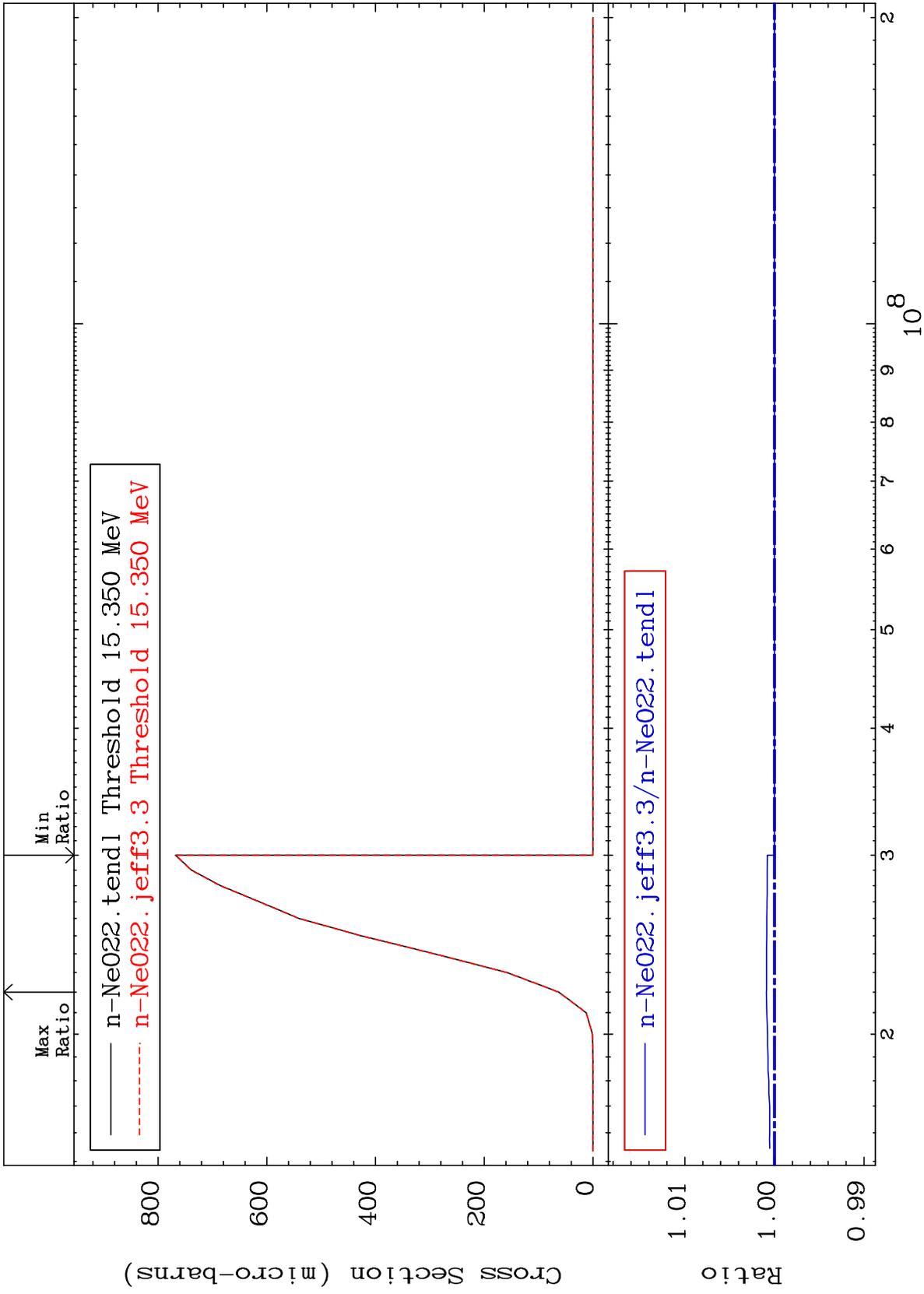
(n,2α)

10-Ne-22

Cross Section

0.000

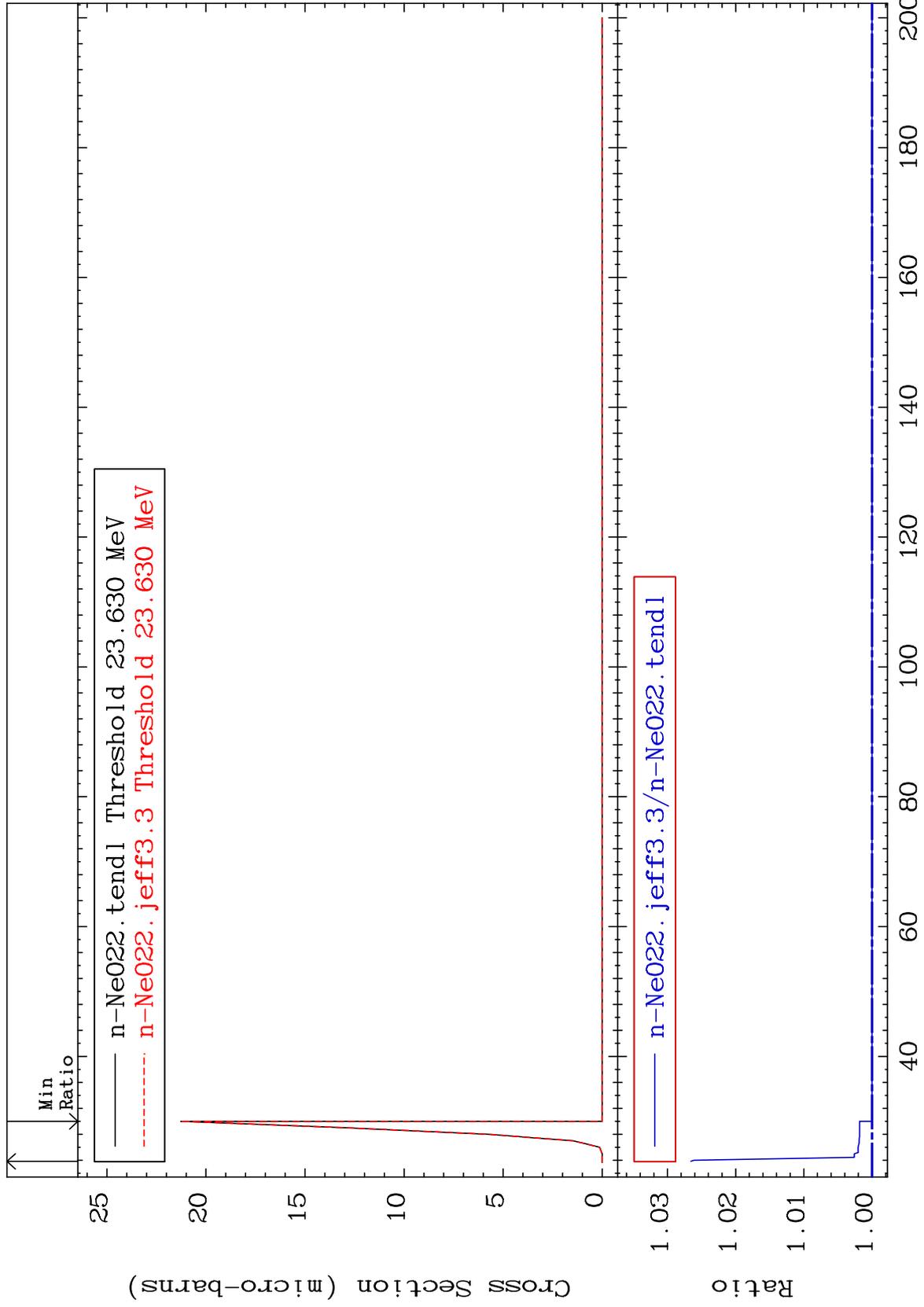
To 0.090 %



MAT 1031

(n,2p)  
Cross Section

10-Ne-22  
To 2.657 %  
0.000



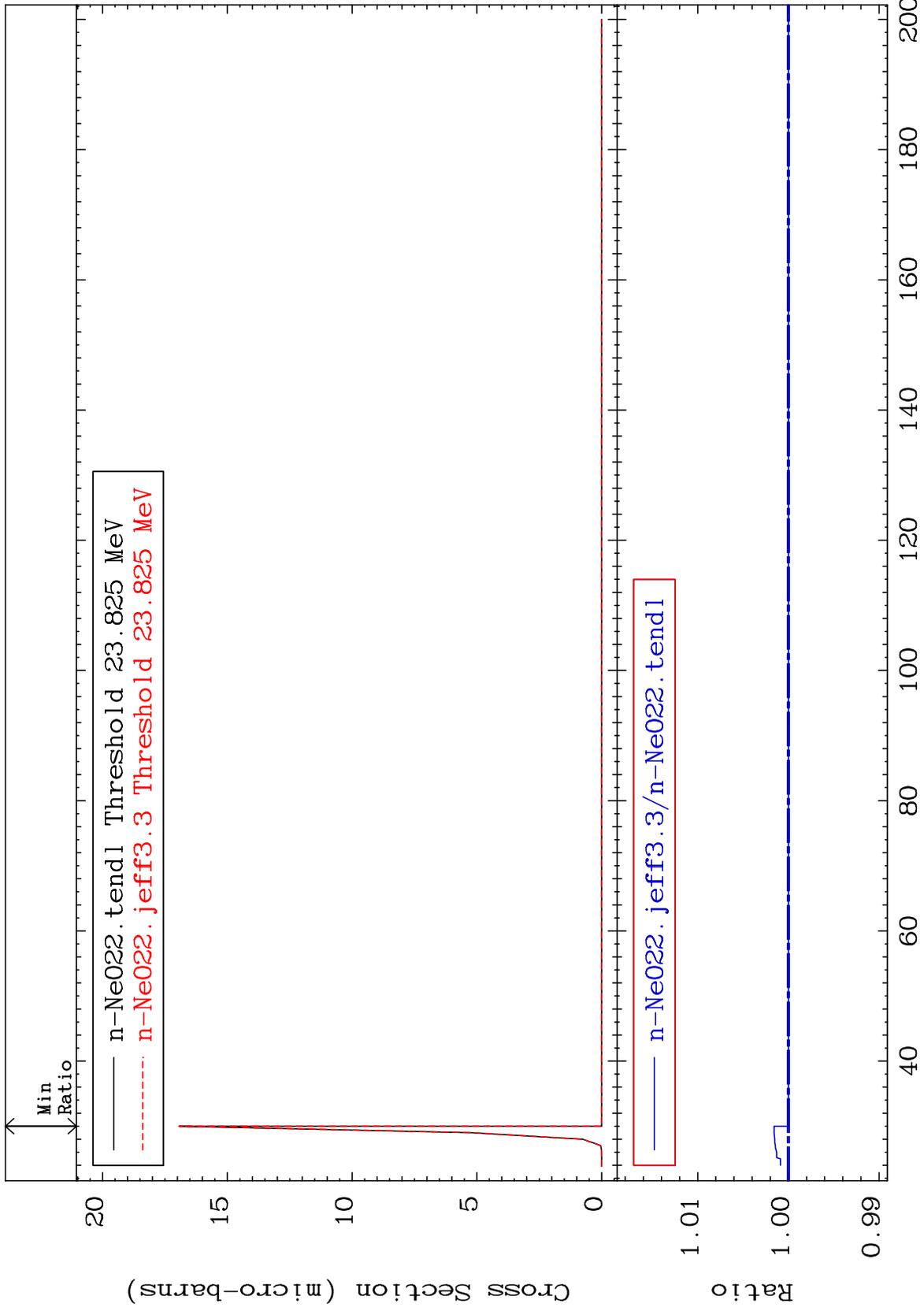
55

10-Ne-22

MAT 1031

(n,p)  $\alpha$   
Cross Section

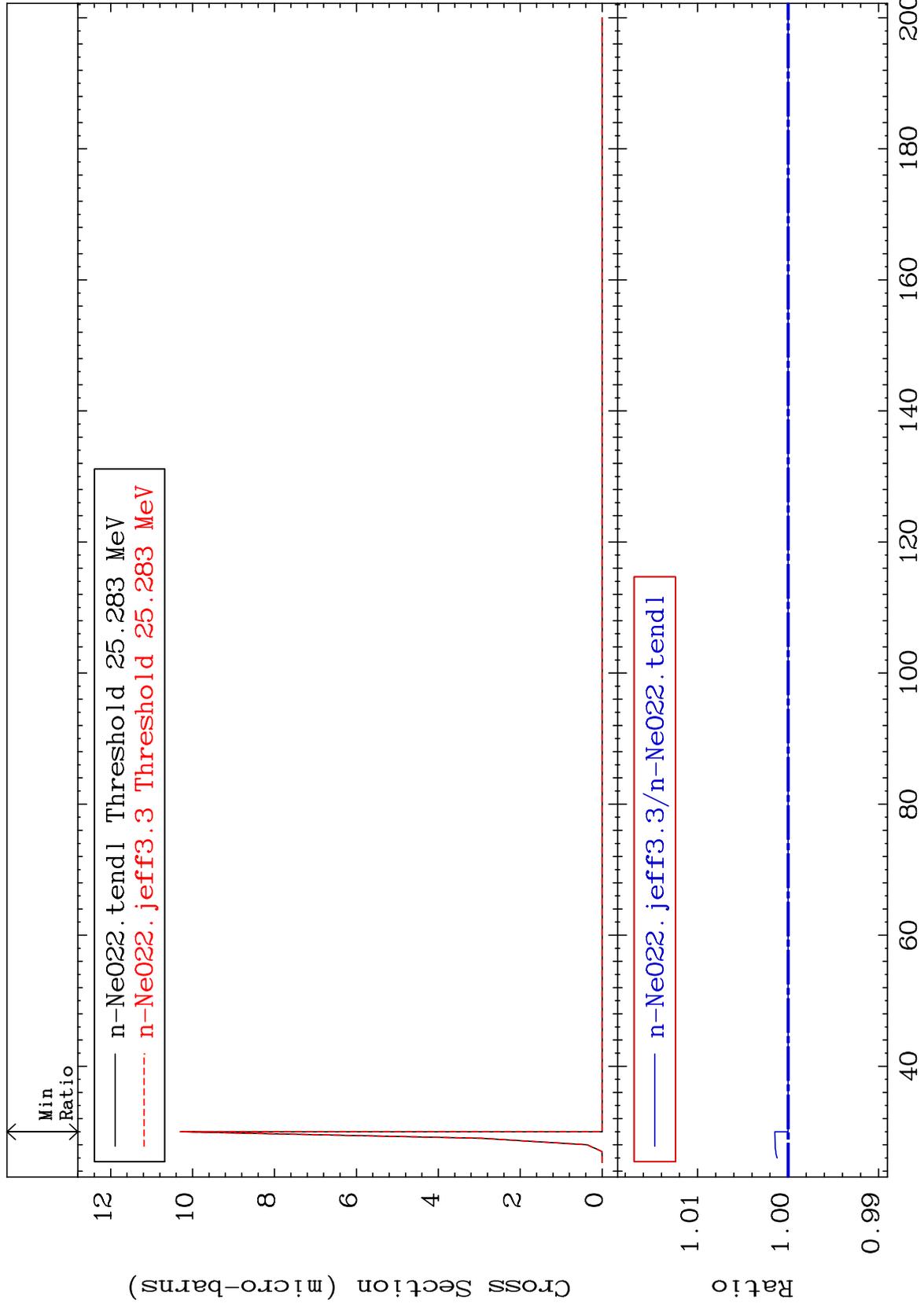
10-Ne-22  
To 0.159 %



MAT 1031

(n,p) d  
Cross Section

10-Ne-22  
To 0.148 %  
0.000



57

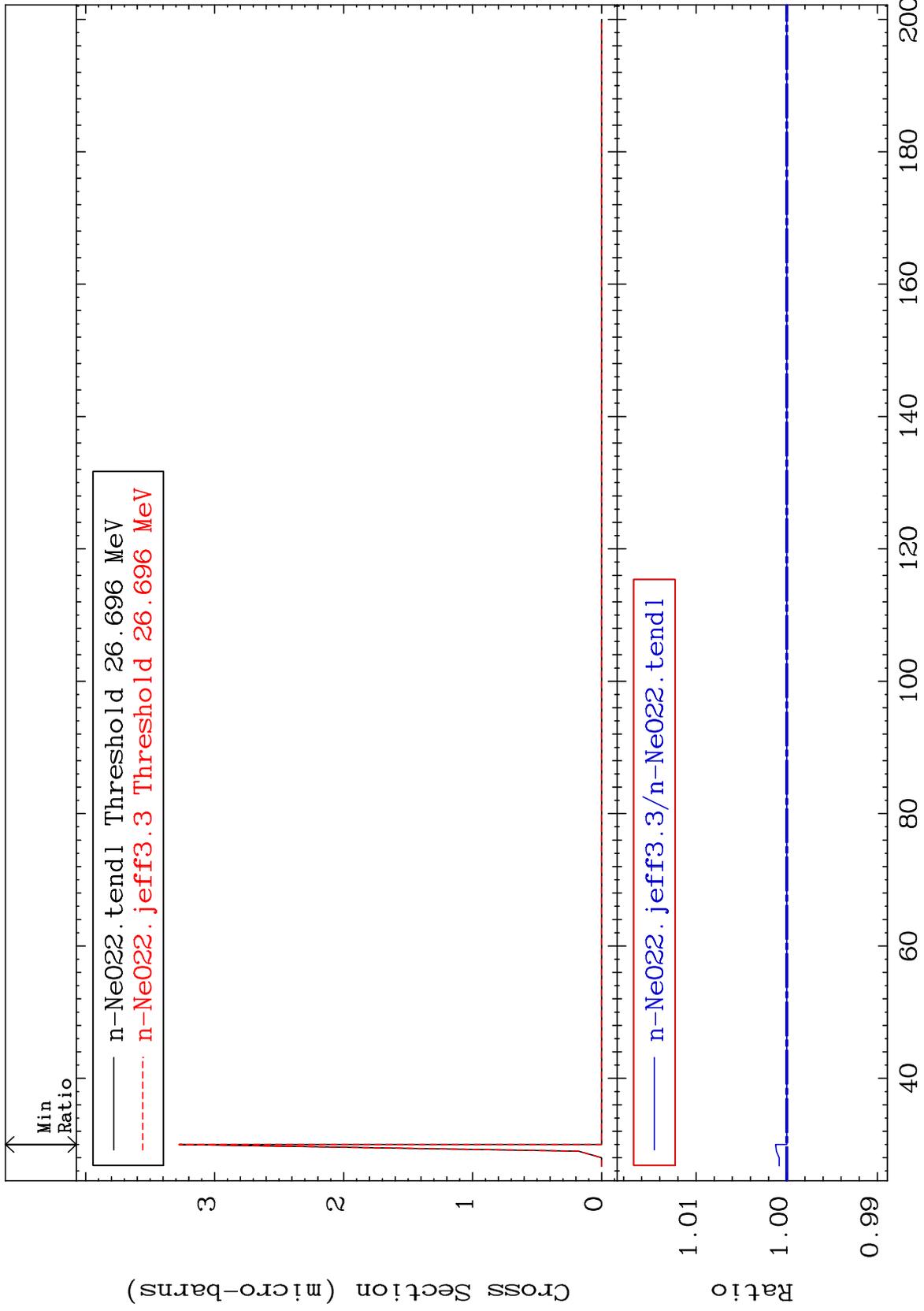
Incident Energy (MeV)

10-Ne-22

MAT 1031

(n,p) t  
Cross Section

10-Ne-22  
To 0.123 %



58

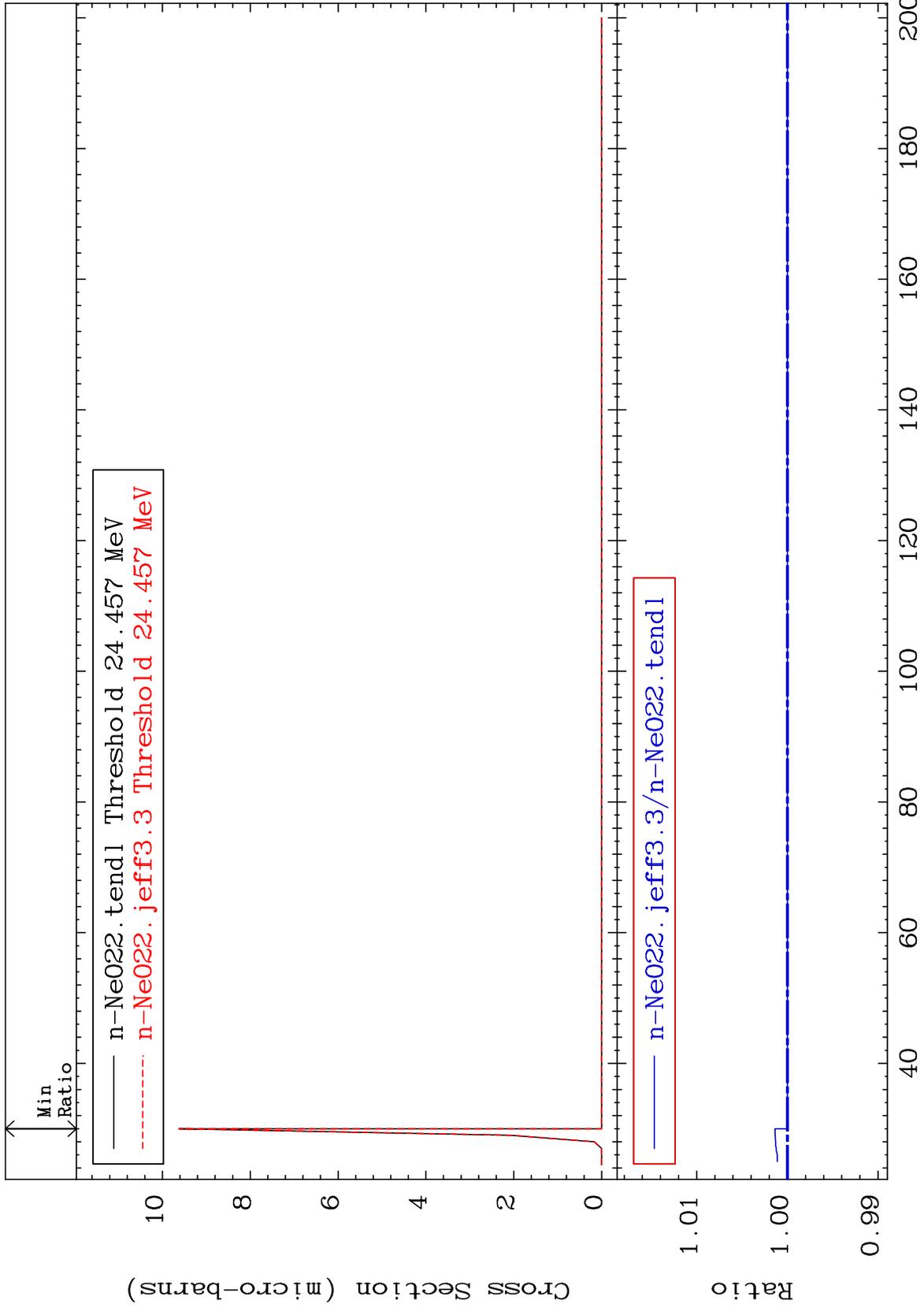
Incident Energy (MeV)

10-Ne-22

MAT 1031

(n,d)  $\alpha$   
Cross Section

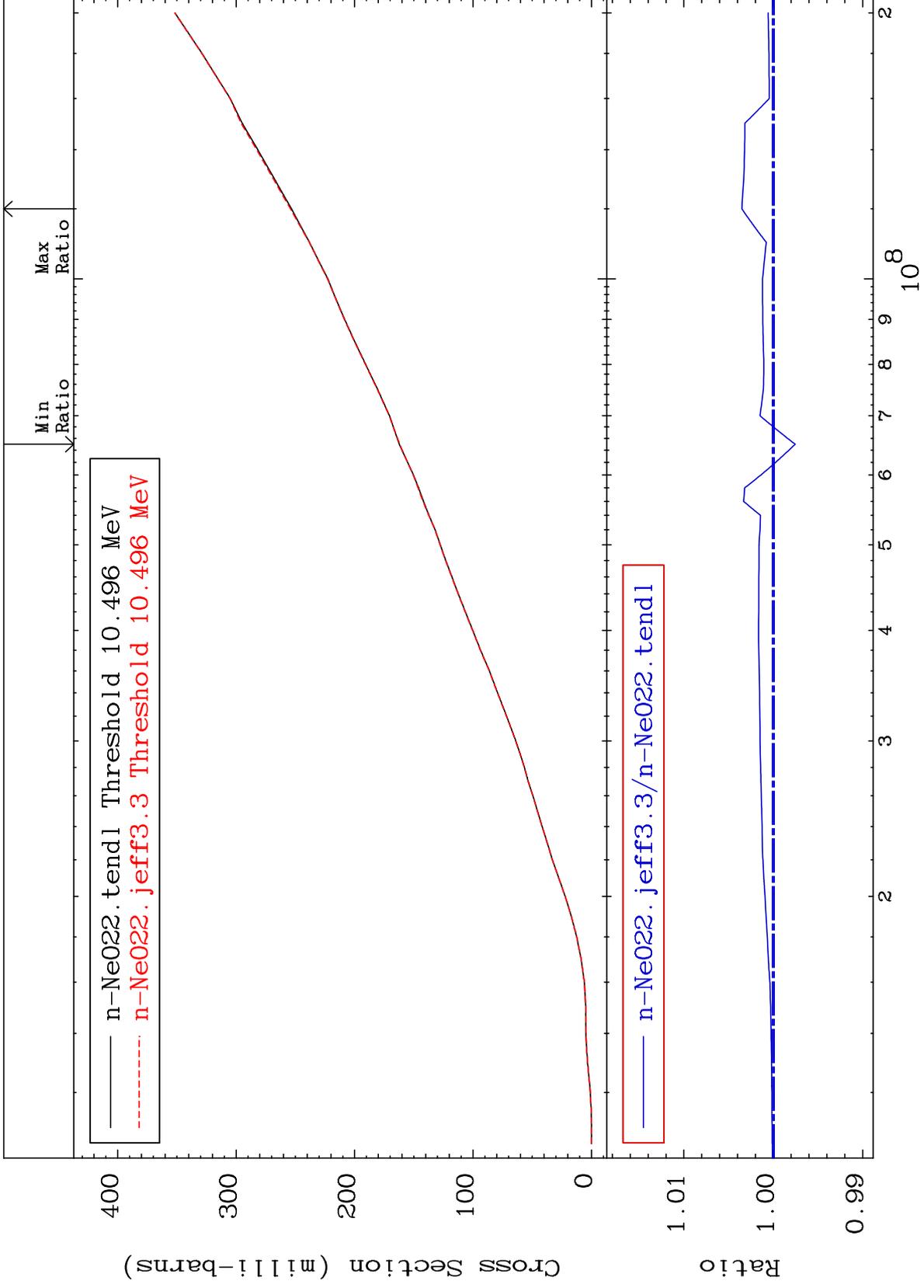
10-Ne-22  
To 0.137 %



MAT 1031

Hydrogen Production  
Cross Section

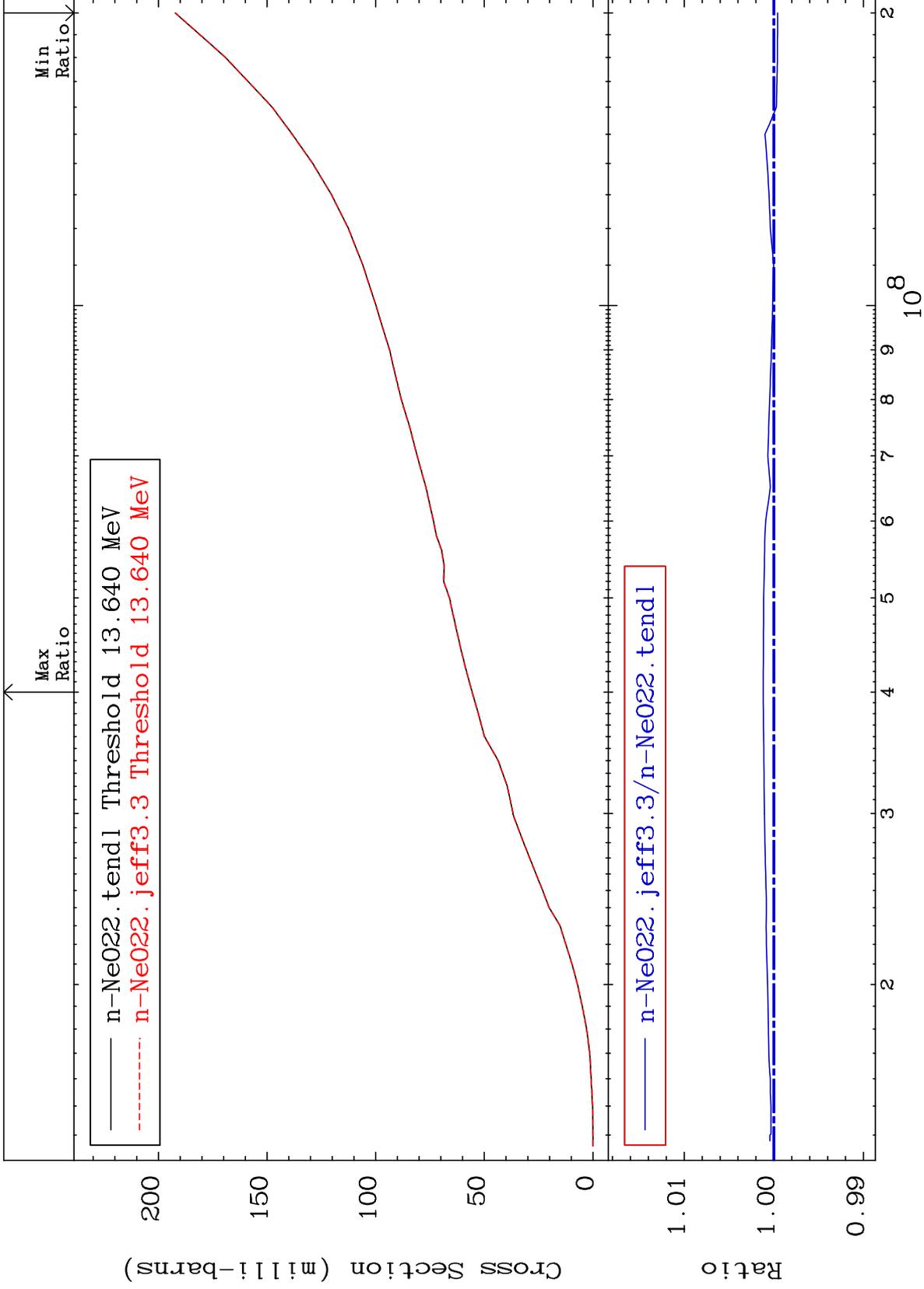
10-Ne-22  
-0.245 To 0.352 %



60

Incident Energy (eV)

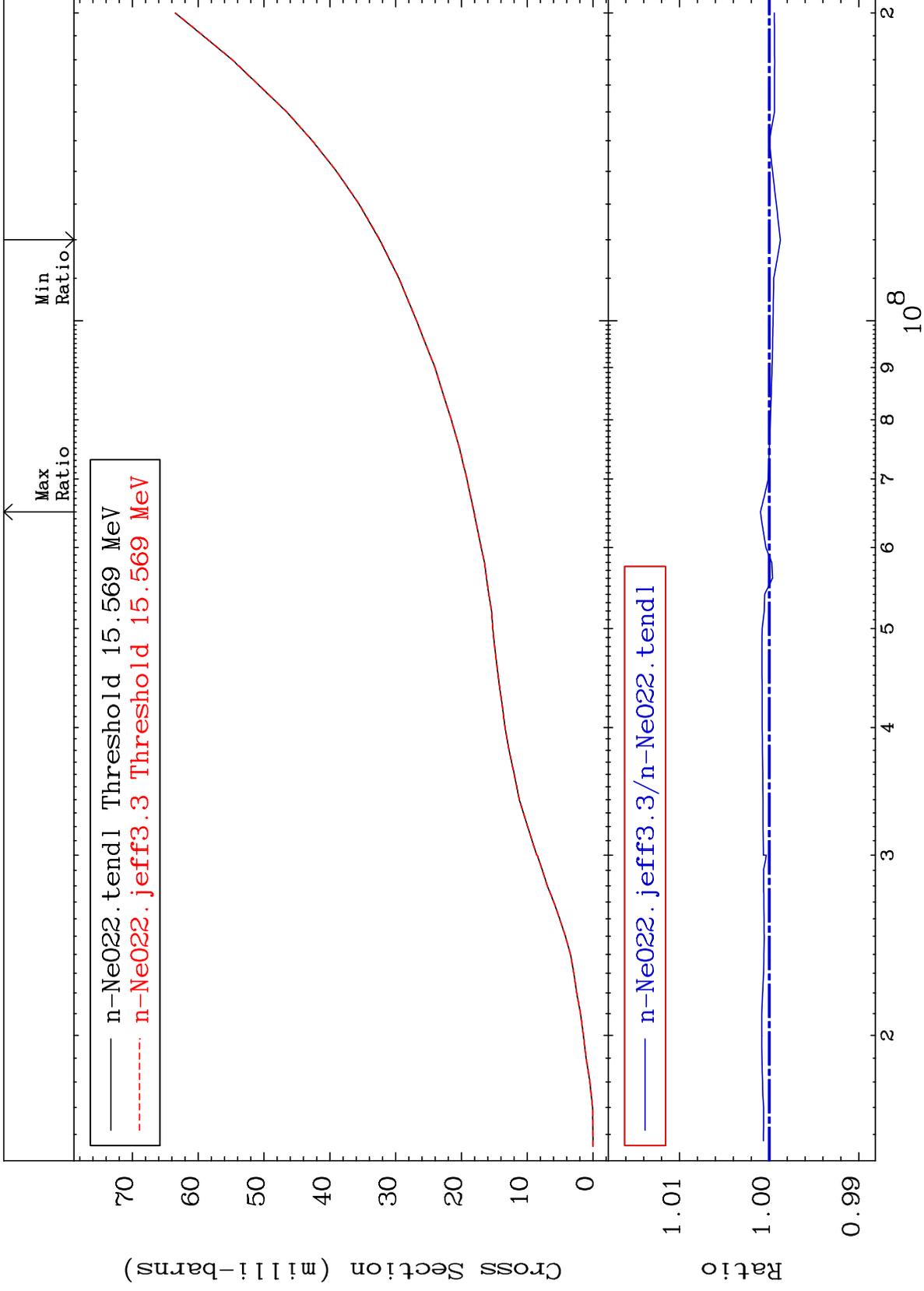
10-Ne-22



MAT 1031

Tritium Production  
Cross Section

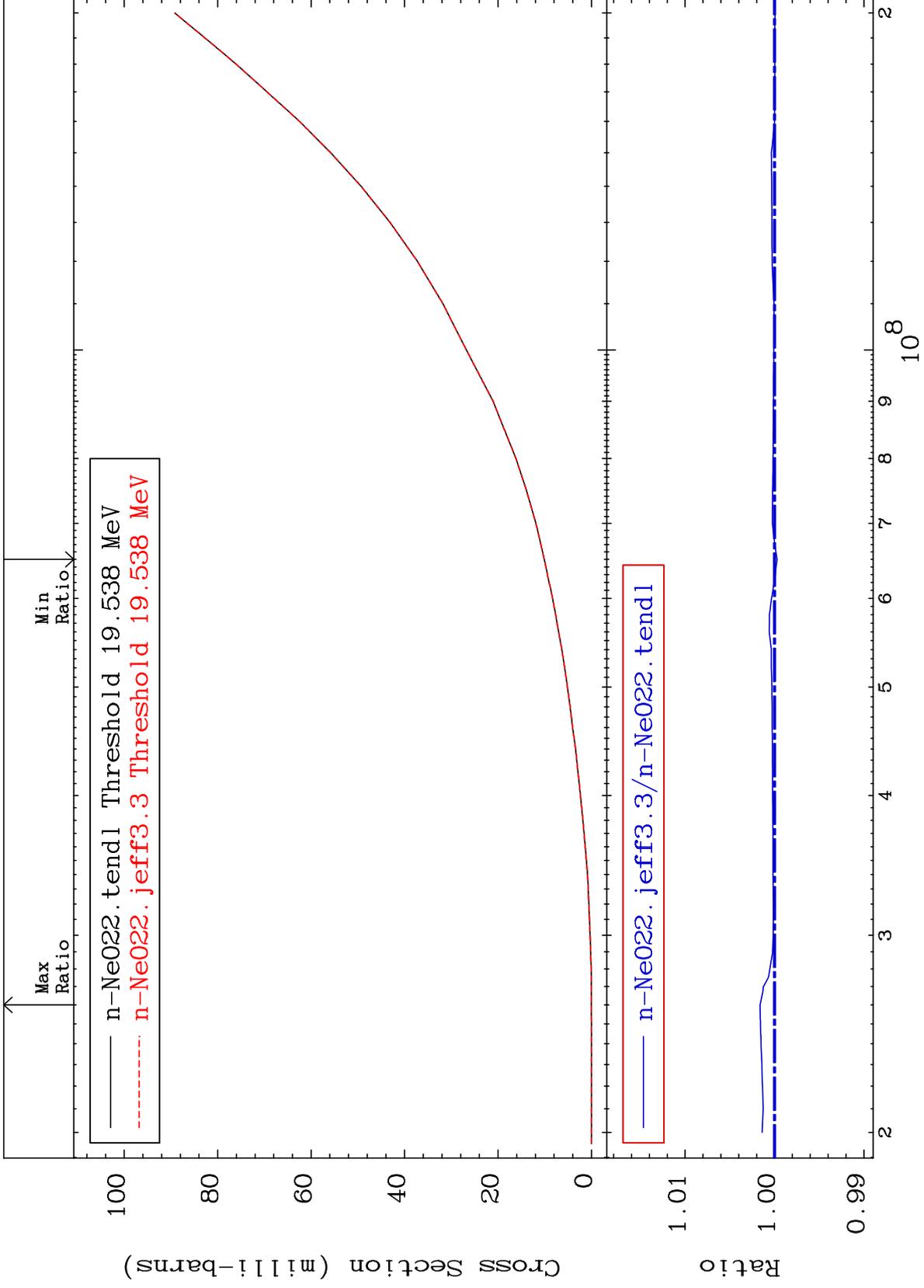
10-Ne-22  
-0.125 To 0.098 %

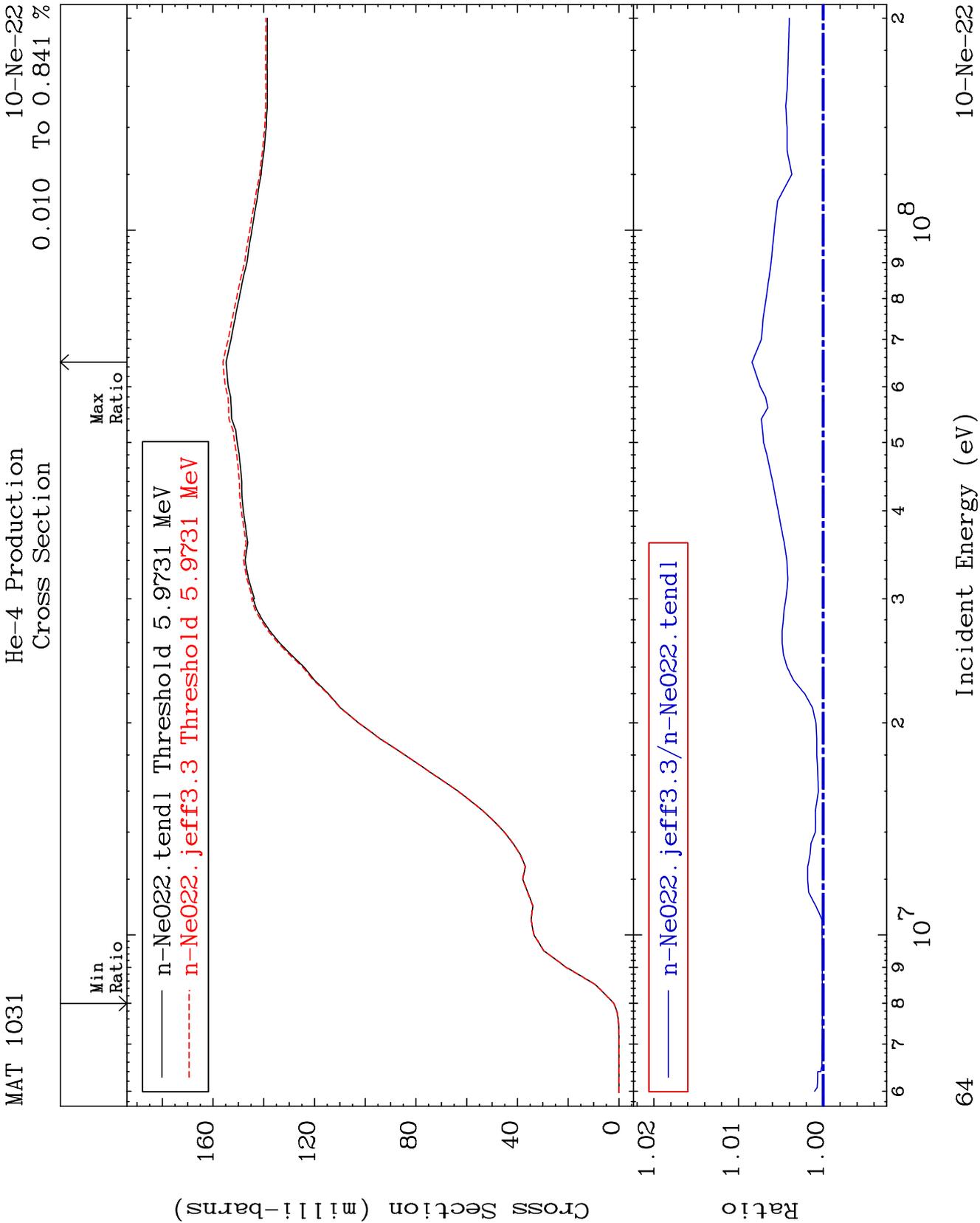


MAT 1031

He-3 Production  
Cross Section

10-Ne-22  
-0.028 To 0.163 %

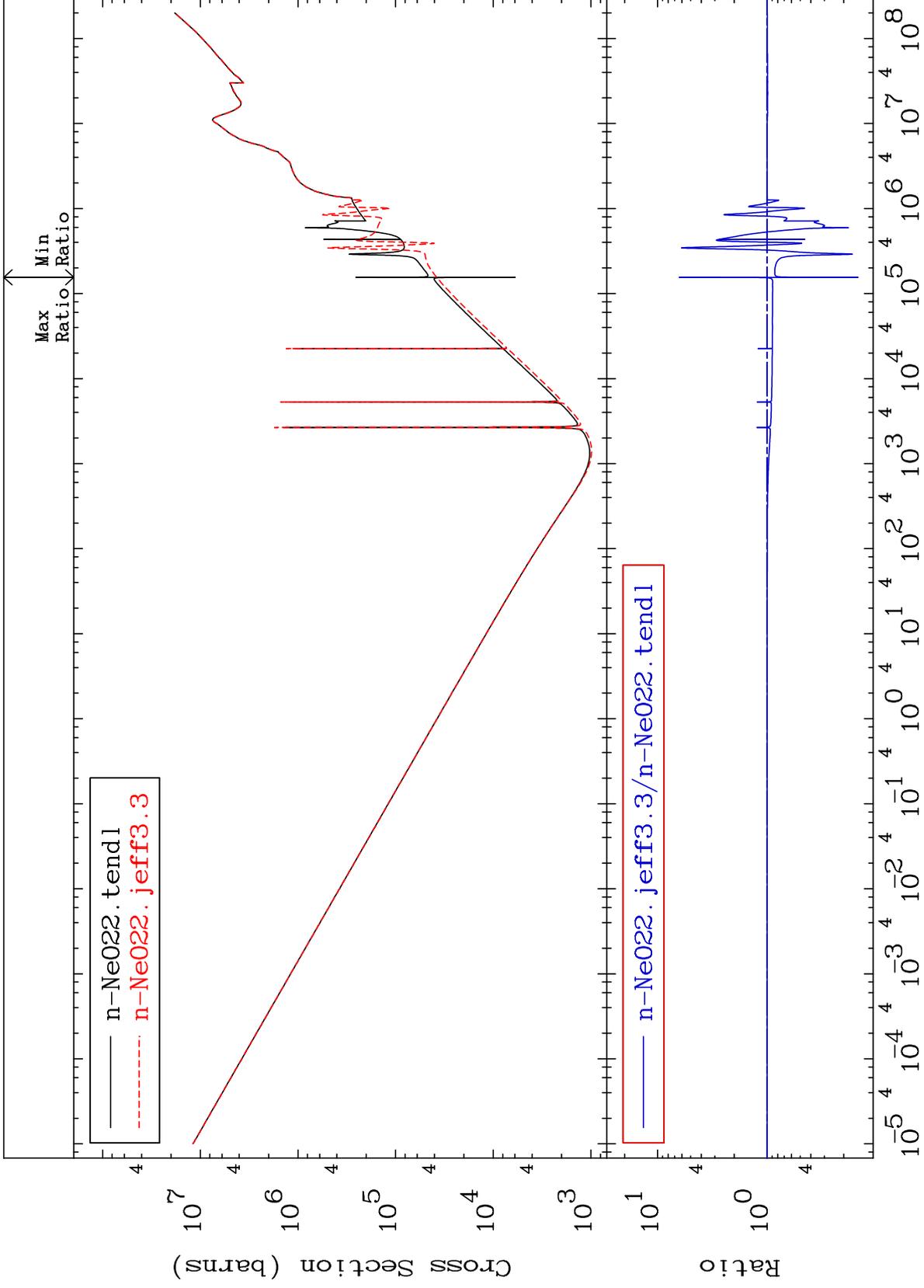




MAT 1031

Kerma total (eV-barns)  
Cross Section

10-Ne-22  
-85.14 To 537.5 %



65

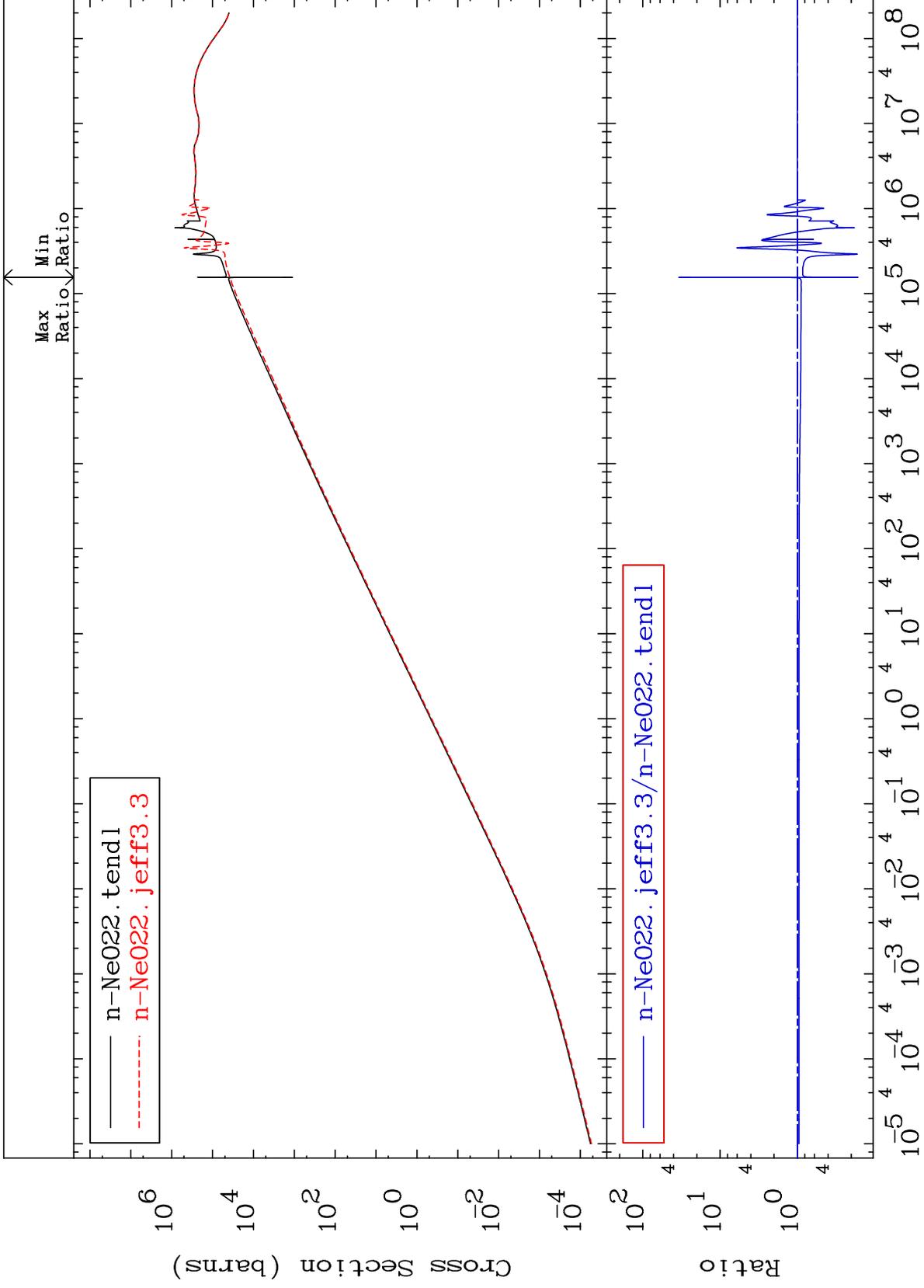
Incident Energy (eV)

10-Ne-22

MAT 1031

Kerma elastic  
Cross Section

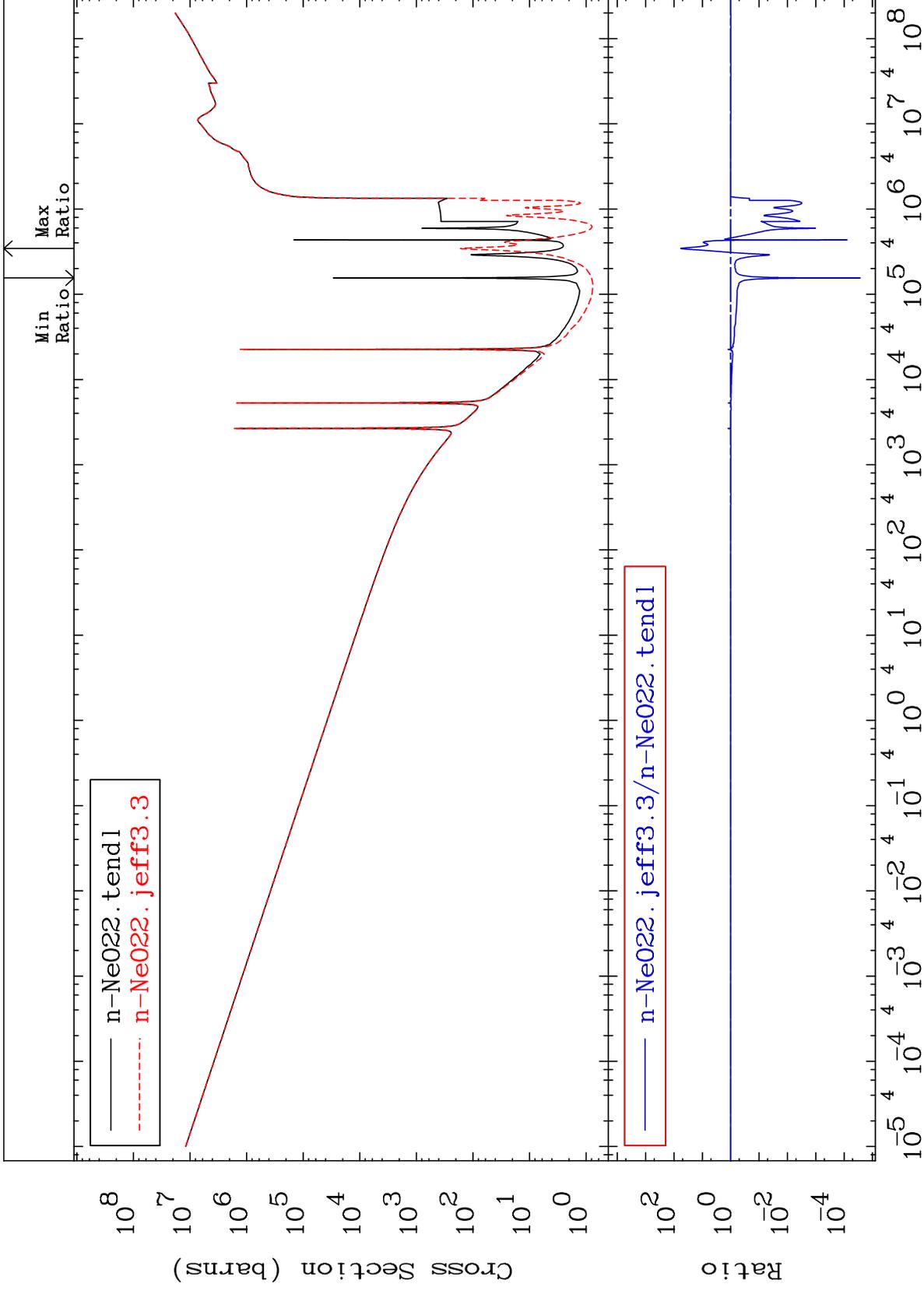
10-Ne-22  
-83.57 To 3297. %



Incident Energy (eV)

10-Ne-22

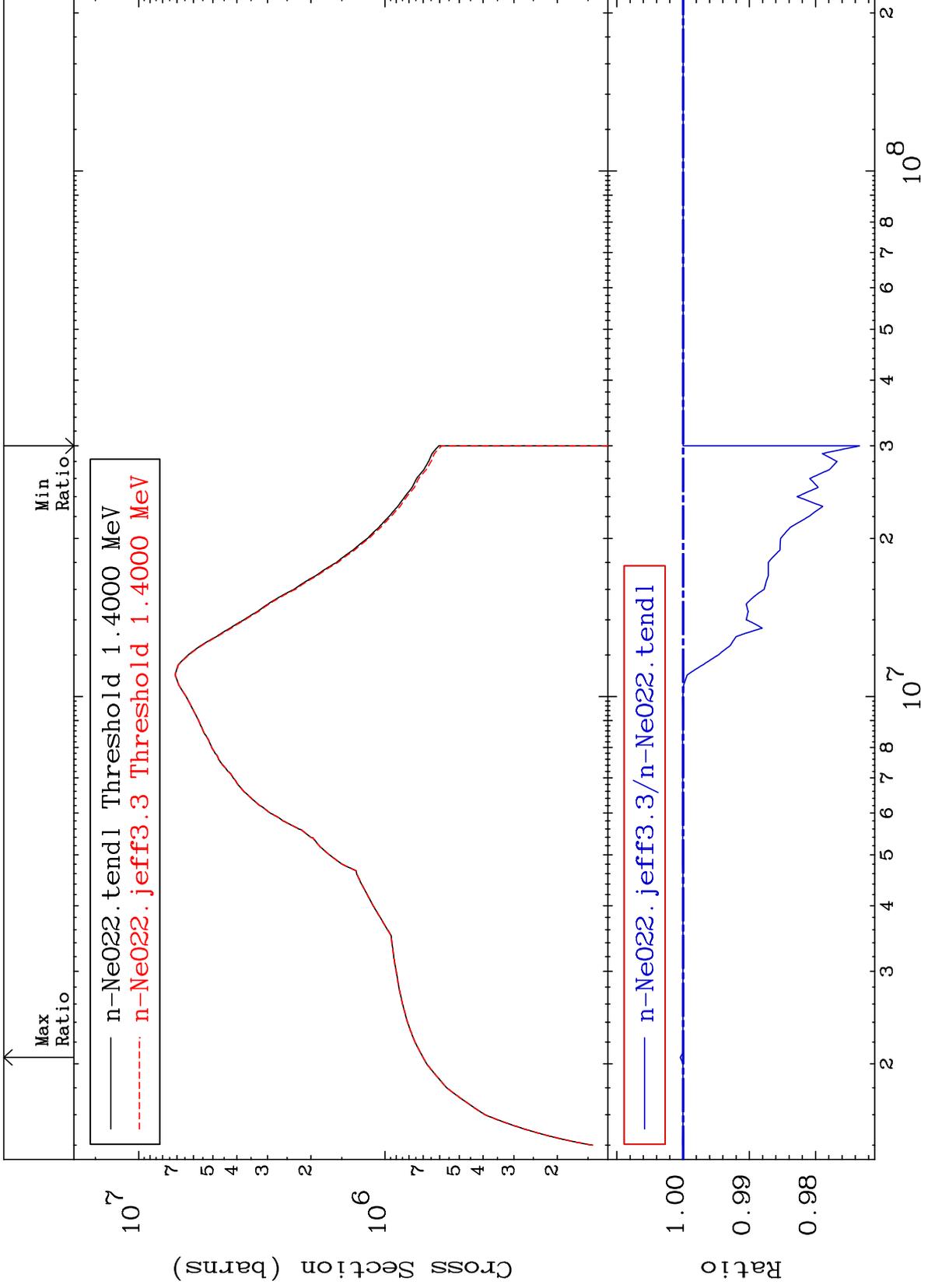
66



MAT 1031

Kerma inelastic (mt51-91)  
Cross Section

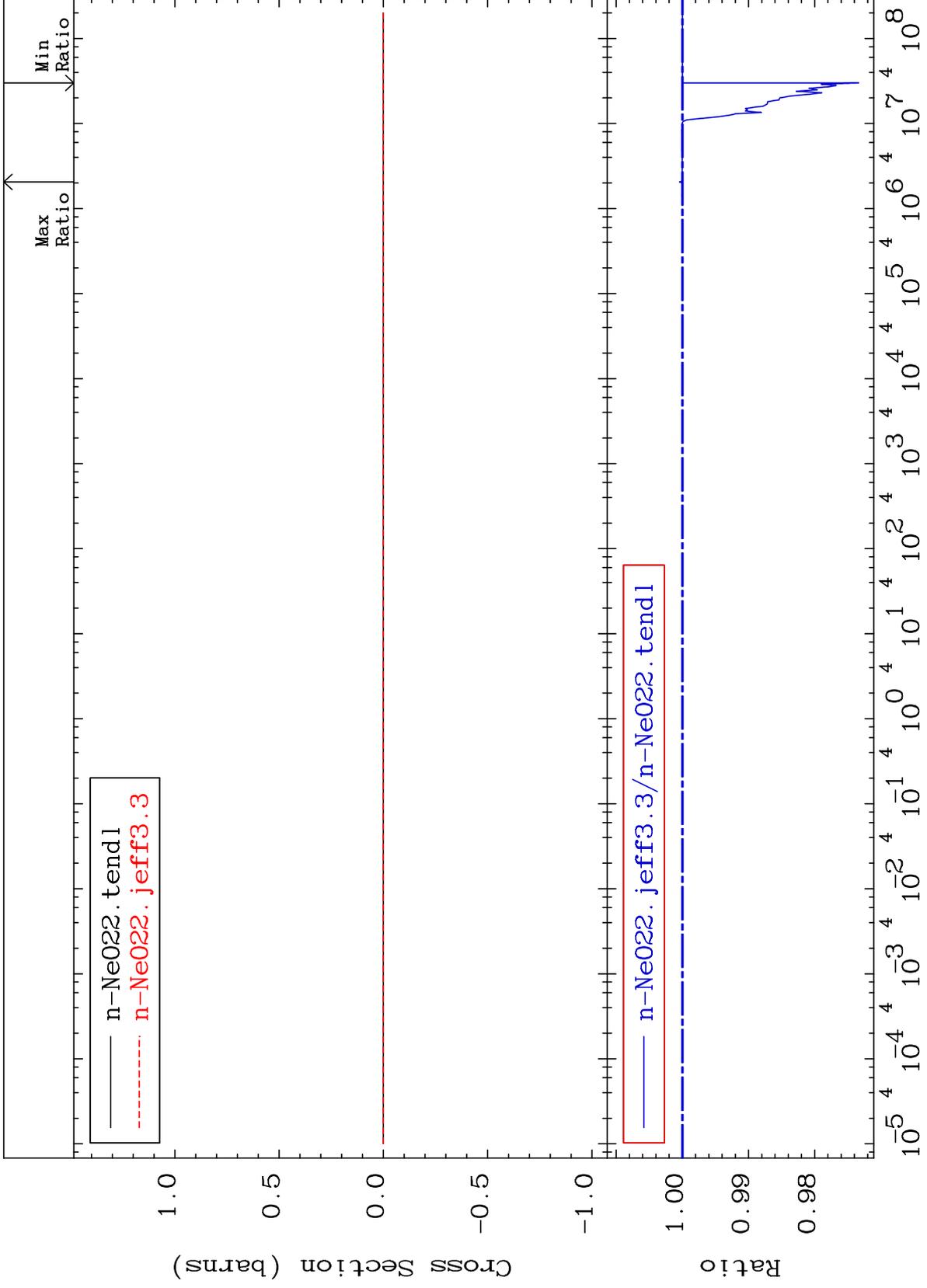
10-Ne-22  
-2.661 To 0.043 %



MAT 1031

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

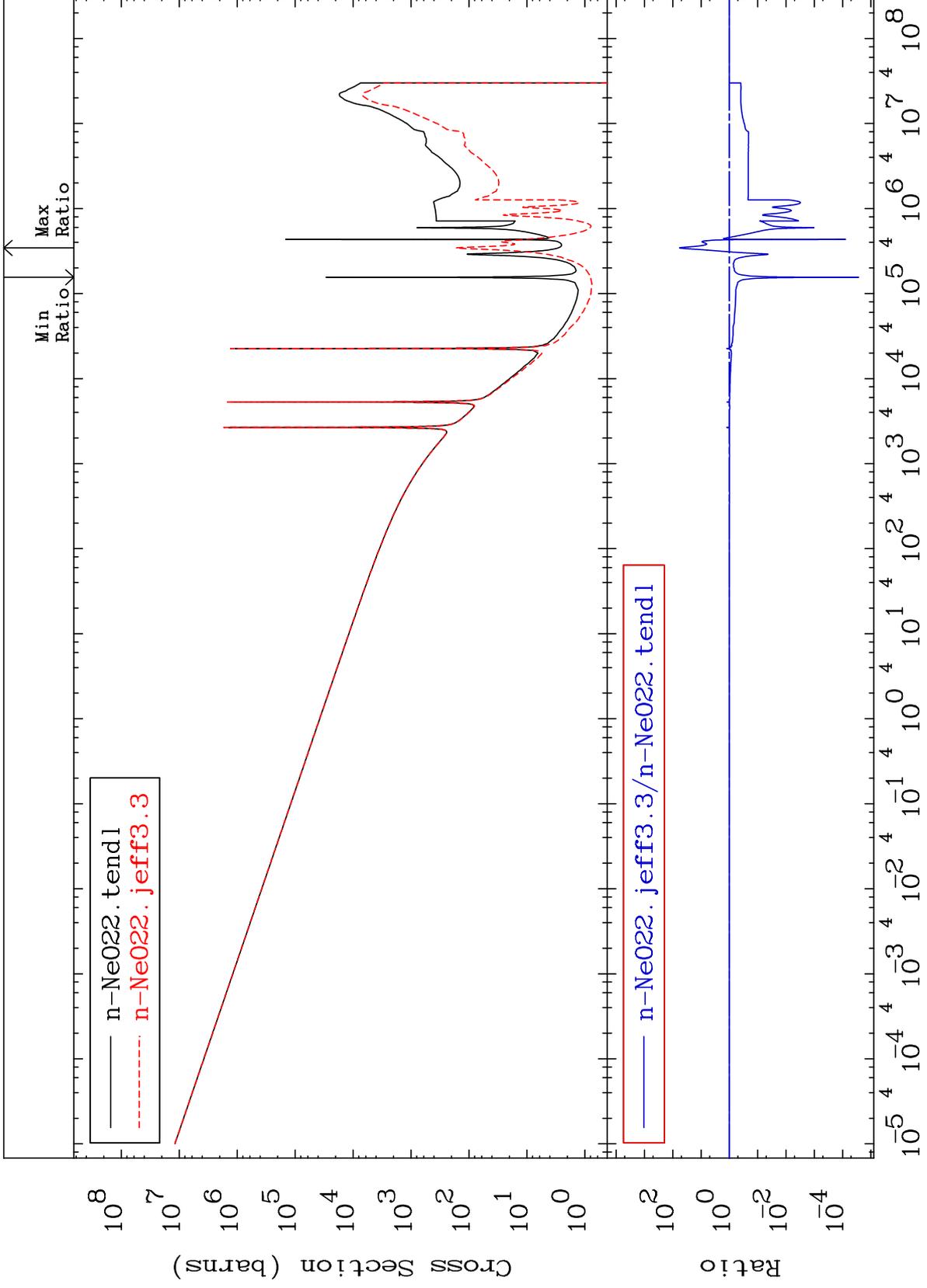
10-Ne-22  
-2.661 To 0.043 %



MAT 1031

Kerma capture (mt102)  
Cross Section

10-Ne-22  
-100.0 To 5678. %



70

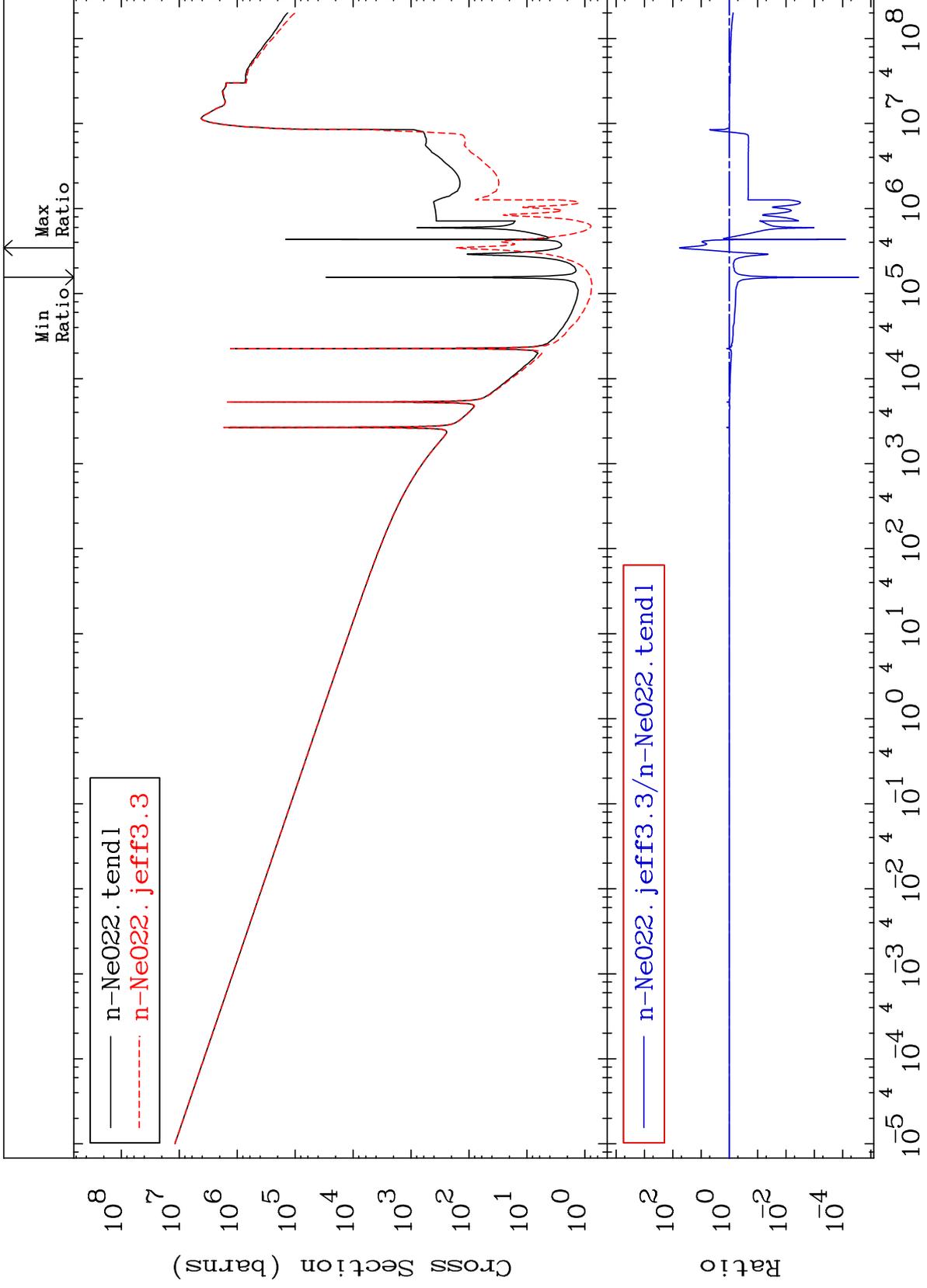
Incident Energy (eV)

10-Ne-22

MAT 1031

Total photon (eV-barns)  
Cross Section

10-Ne-22  
-100.0 To 5678. %



71

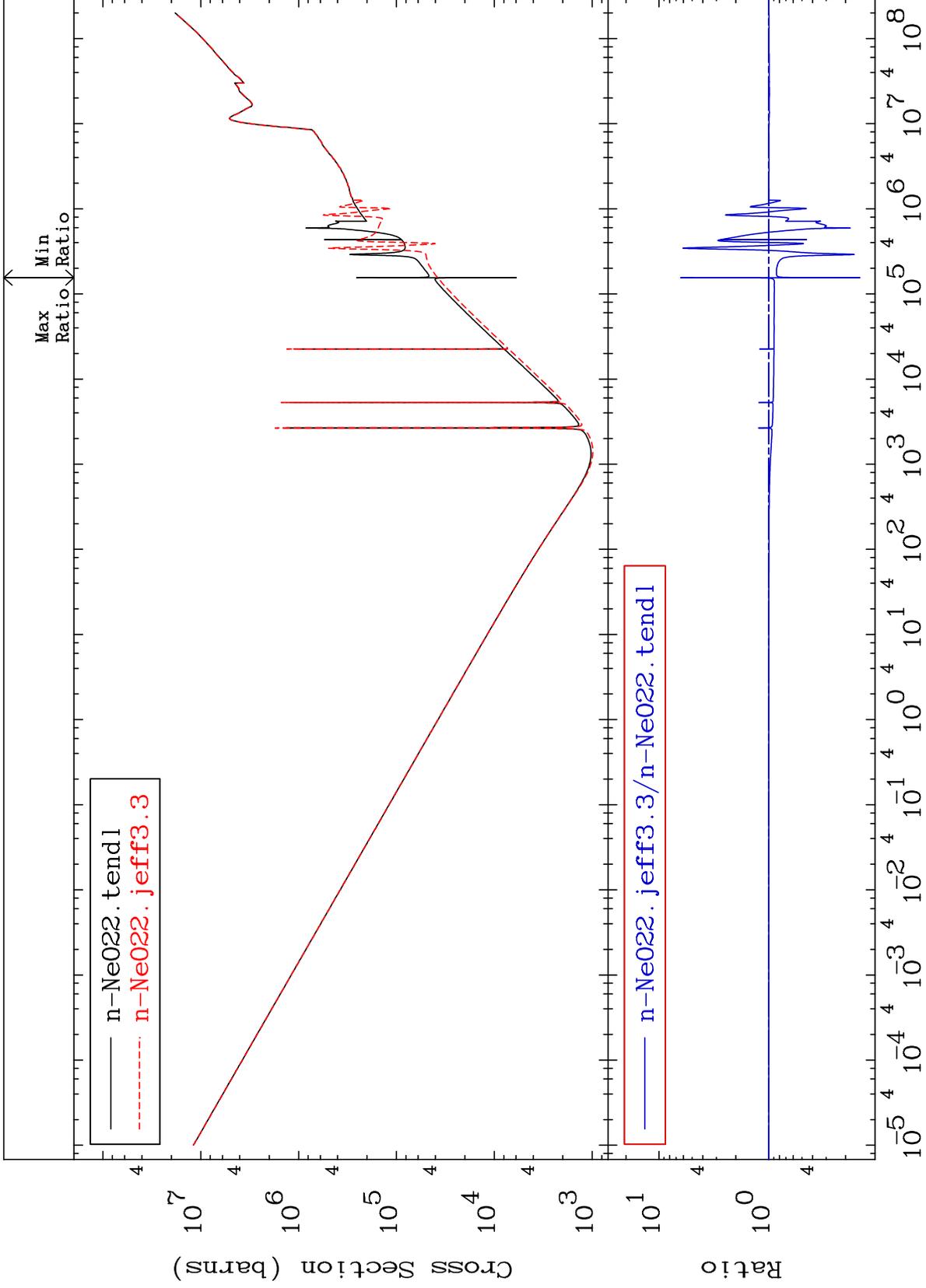
Incident Energy (eV)

10-Ne-22

MAT 1031

Total kinematic kerma (high limit)  
Cross Section

10-Ne-22  
-85.14 To 537.5 %



72

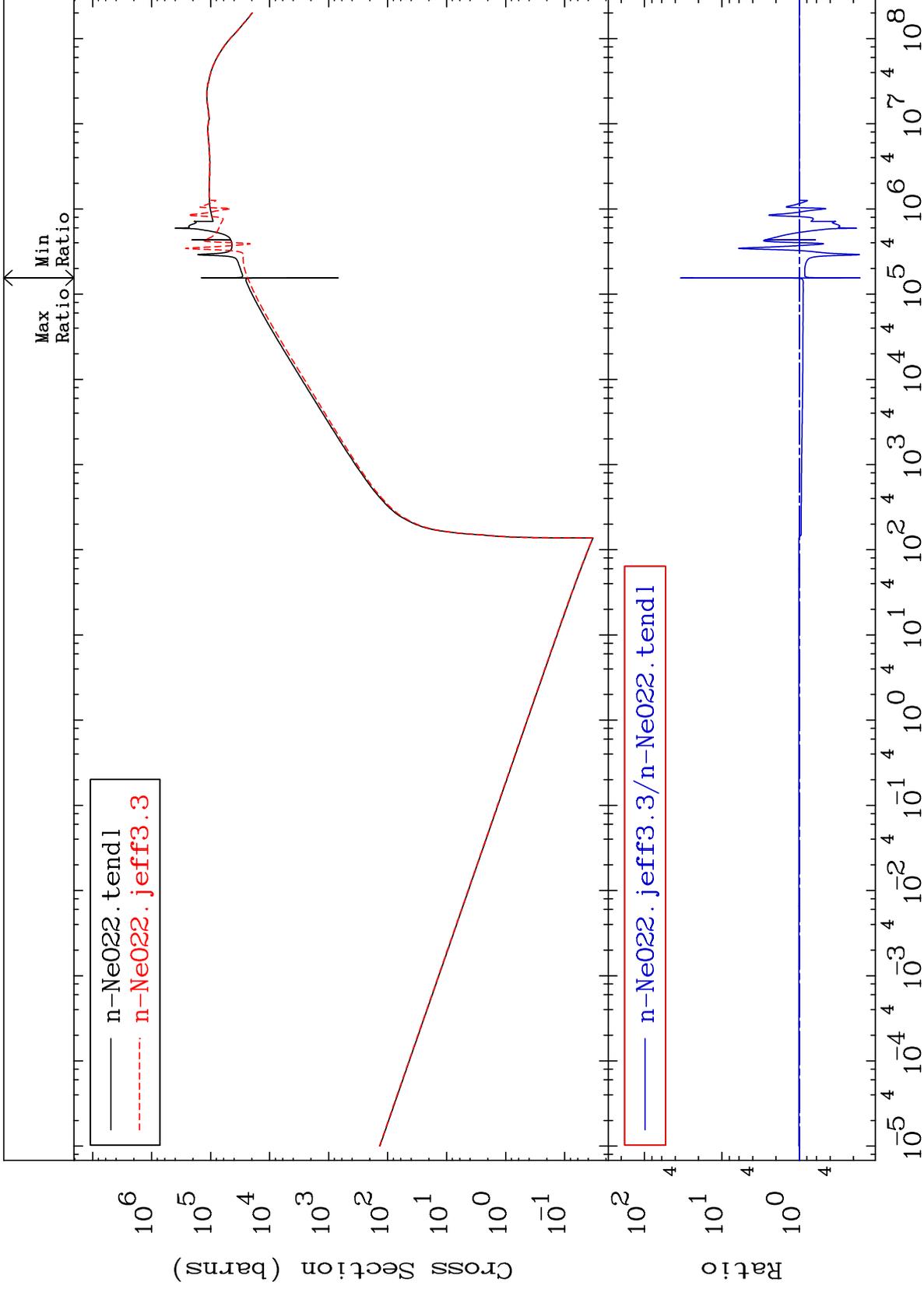
Incident Energy (eV)

10-Ne-22

MAT 1031

Dpa total (eV-barns)  
Cross Section

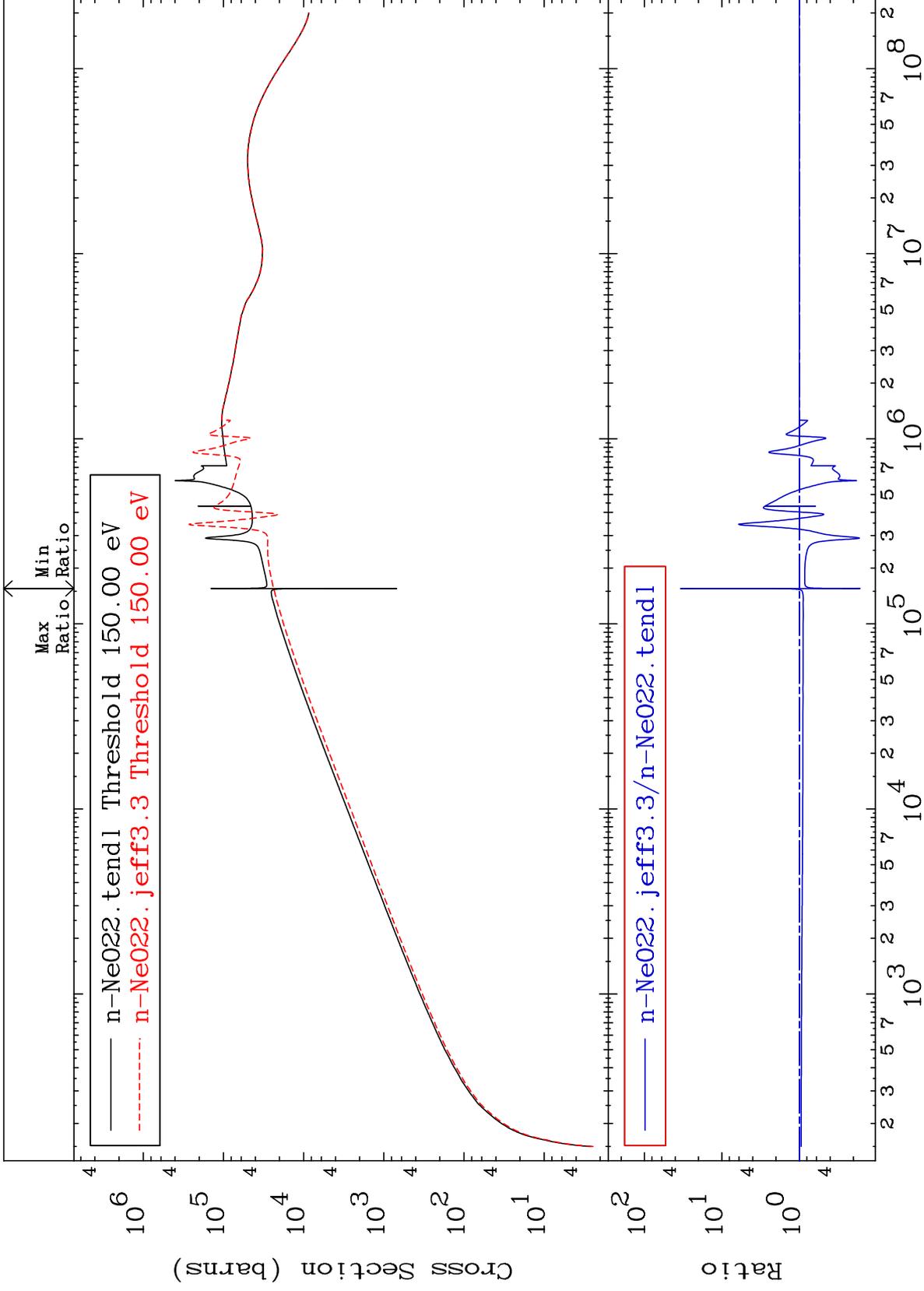
10-Ne-22  
-83.57 To 3295. %



73

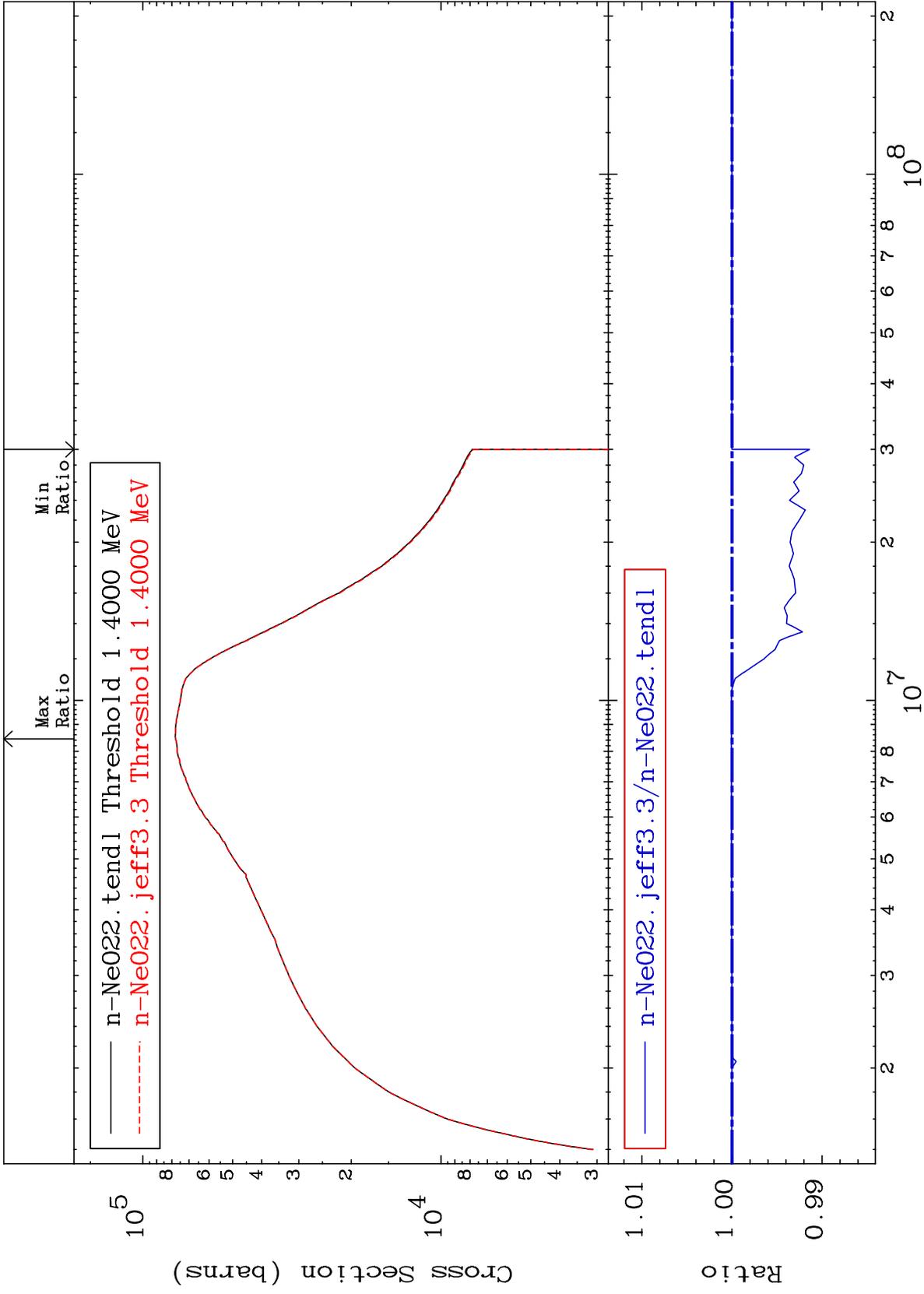
Incident Energy (eV)

10-Ne-22



Cross Section

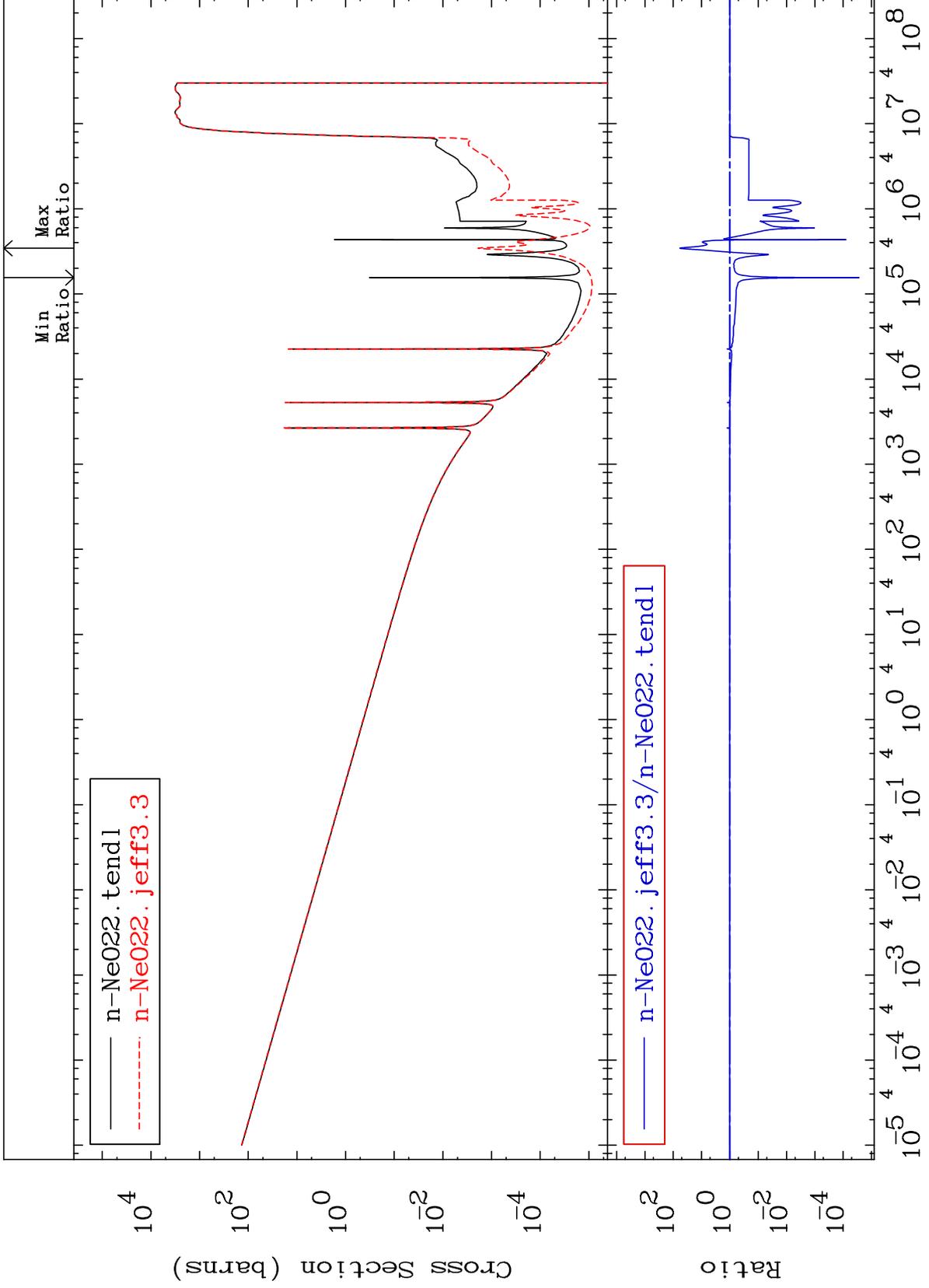
-0.862 To 0.008 %



MAT 1031

Dpa disappearance (mt102 -120)  
Cross Section

10-Ne-22  
-100.0 To 5731. %



76

Incident Energy (eV)

10-Ne-22