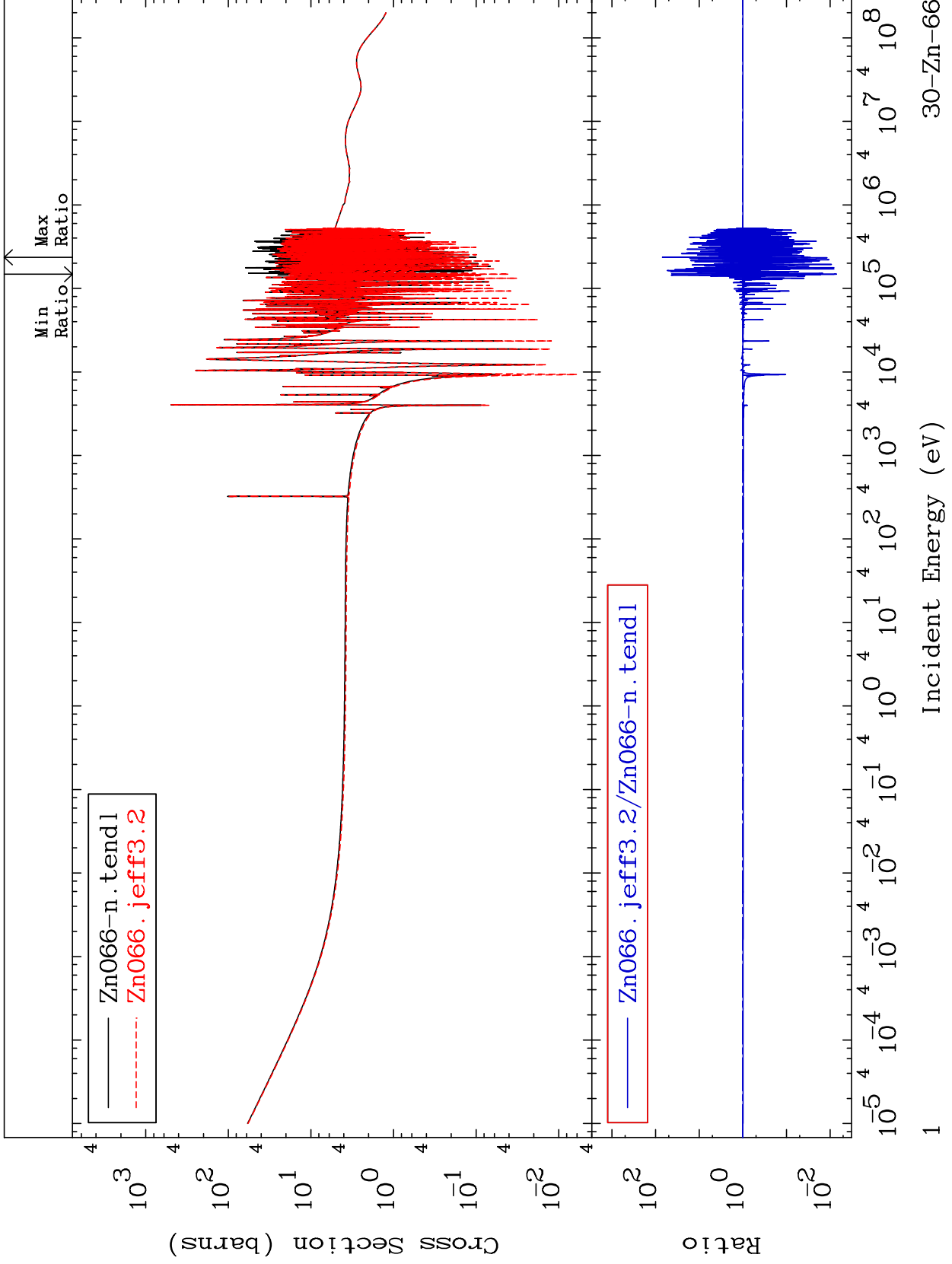


MAT 3031

Total  
Cross Section

30-Zn-66  
-99.29 To 6896. %



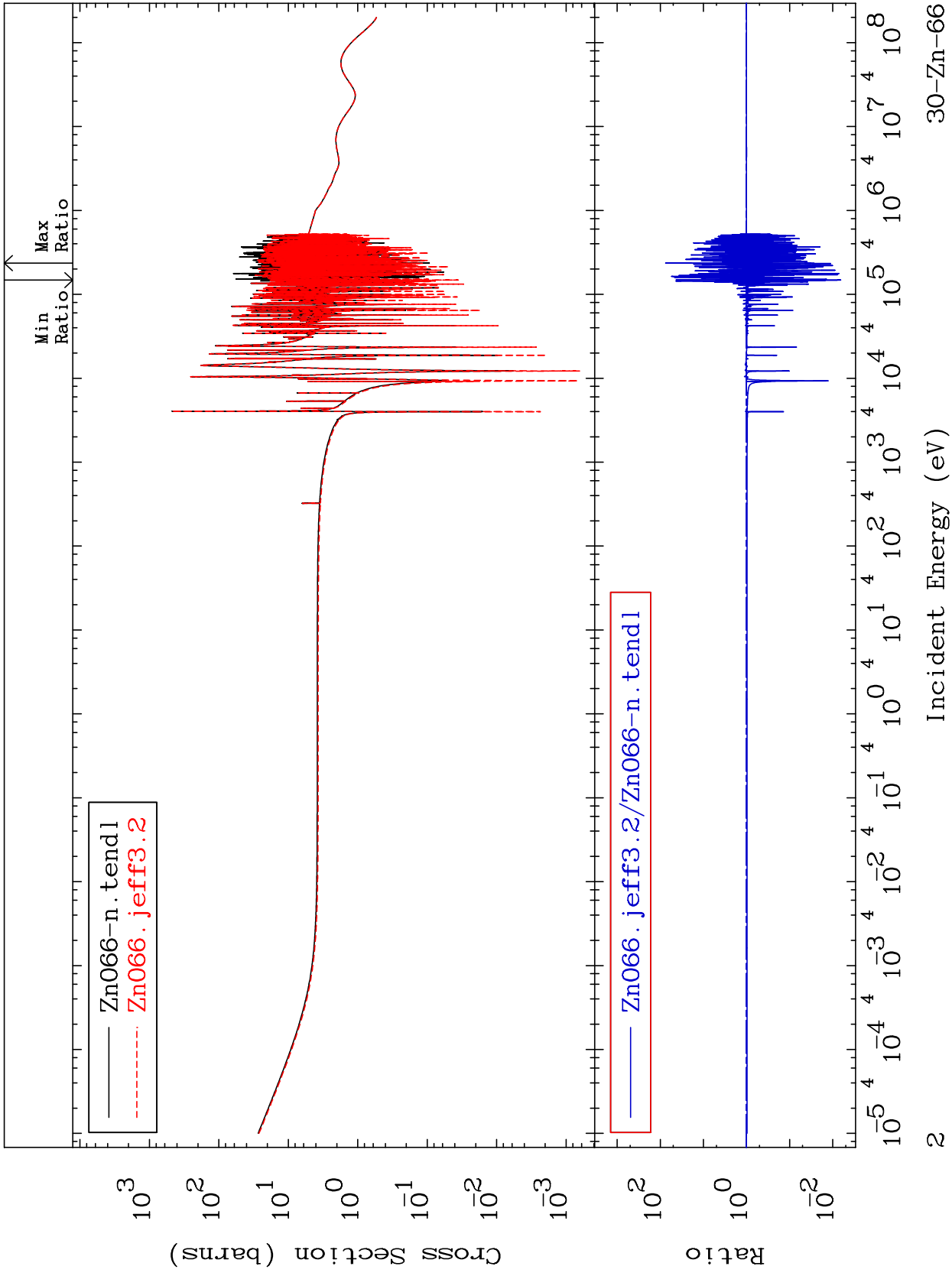
30-Zn-66

Incident Energy (eV)

MAT 3031

Elastic  
Cross Section

30-Zn-66  
-99.34 To 7465. %

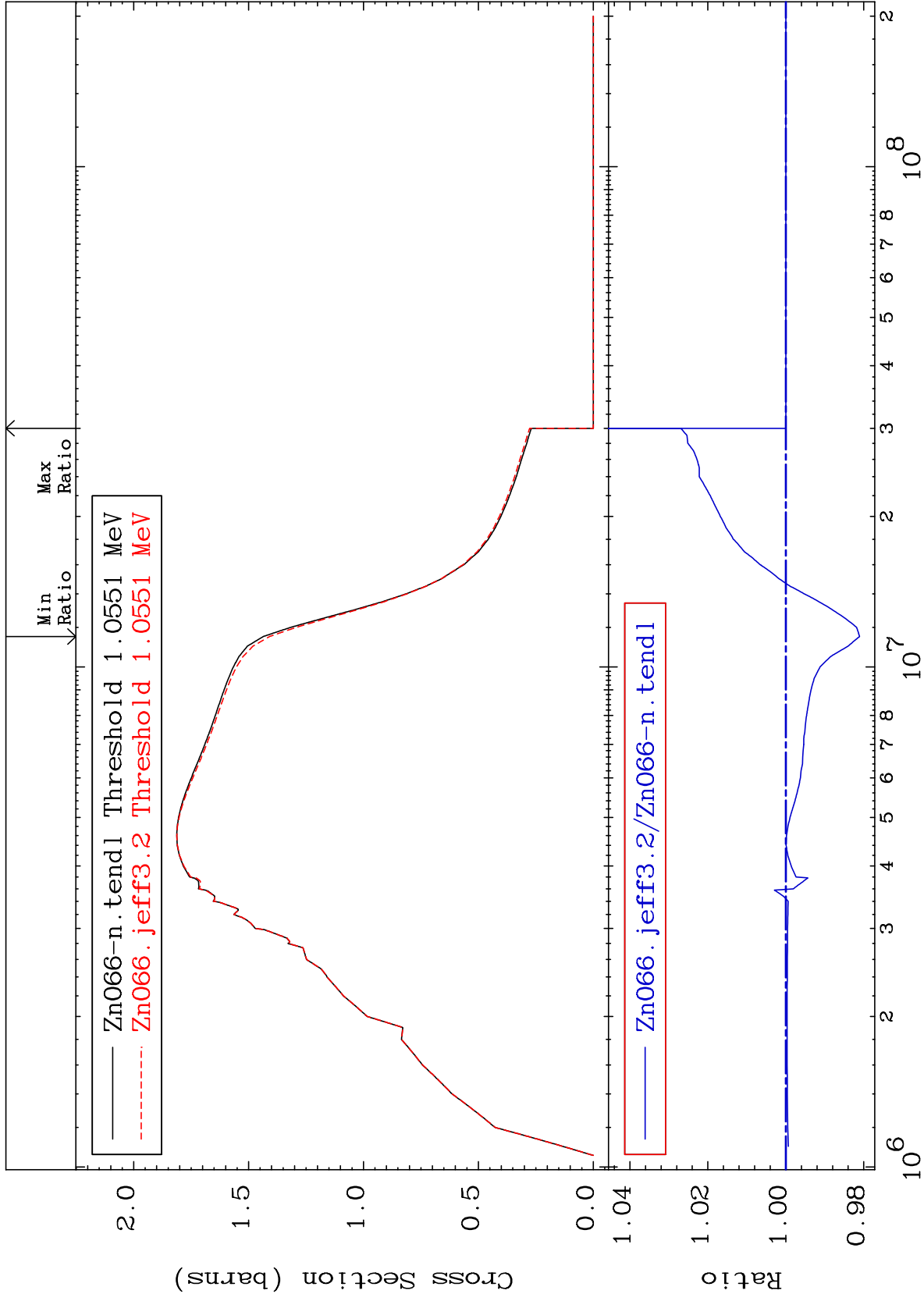


MAT 3031

30-Zn-66

-1.891 To 2.695 %

Inelastic  
Cross Section



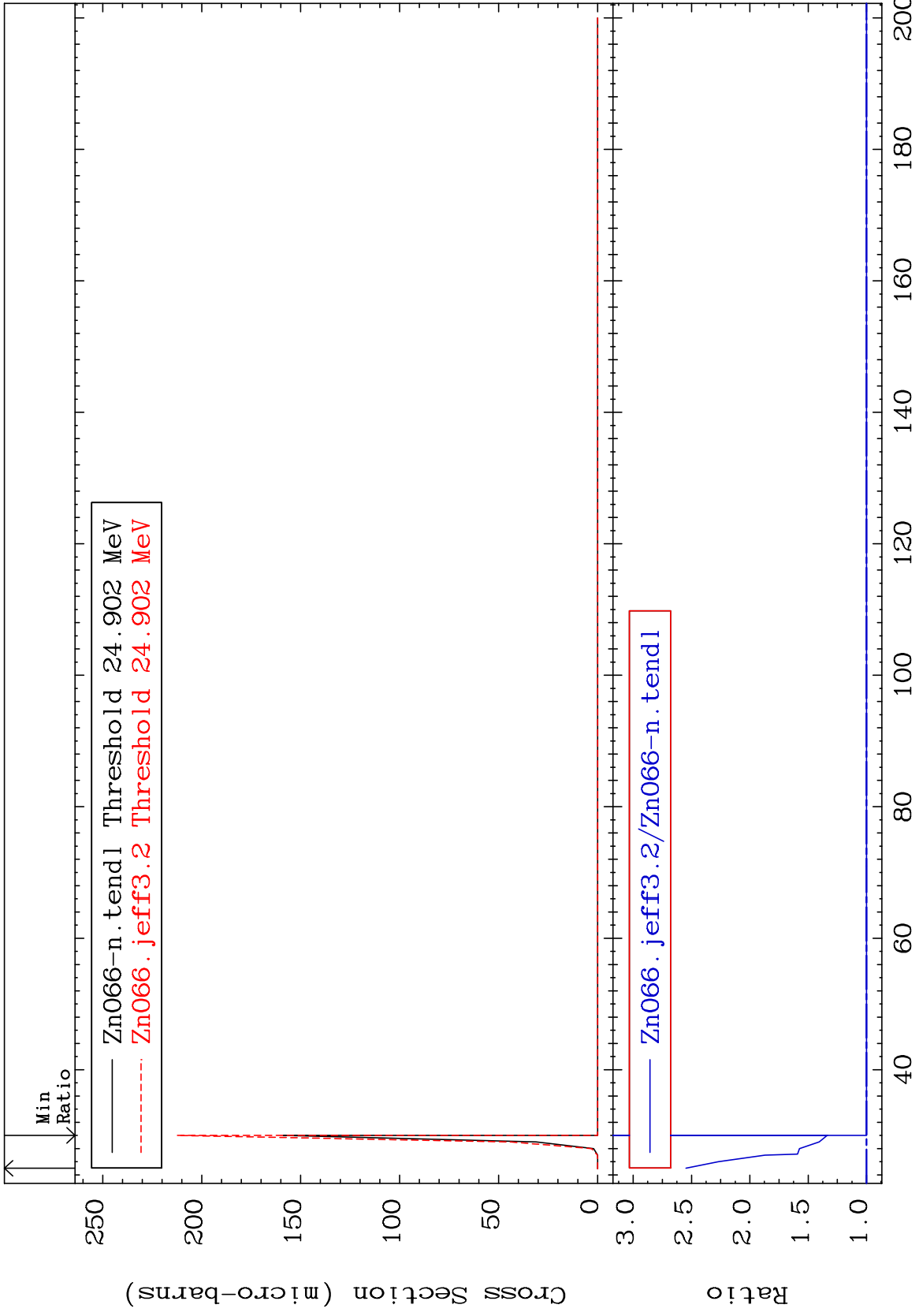
Incident Energy (eV)

30-Zn-66

MAT 3031

(n,2n) d  
Cross Section

30-Zn-66  
0.000 To 154.7 %



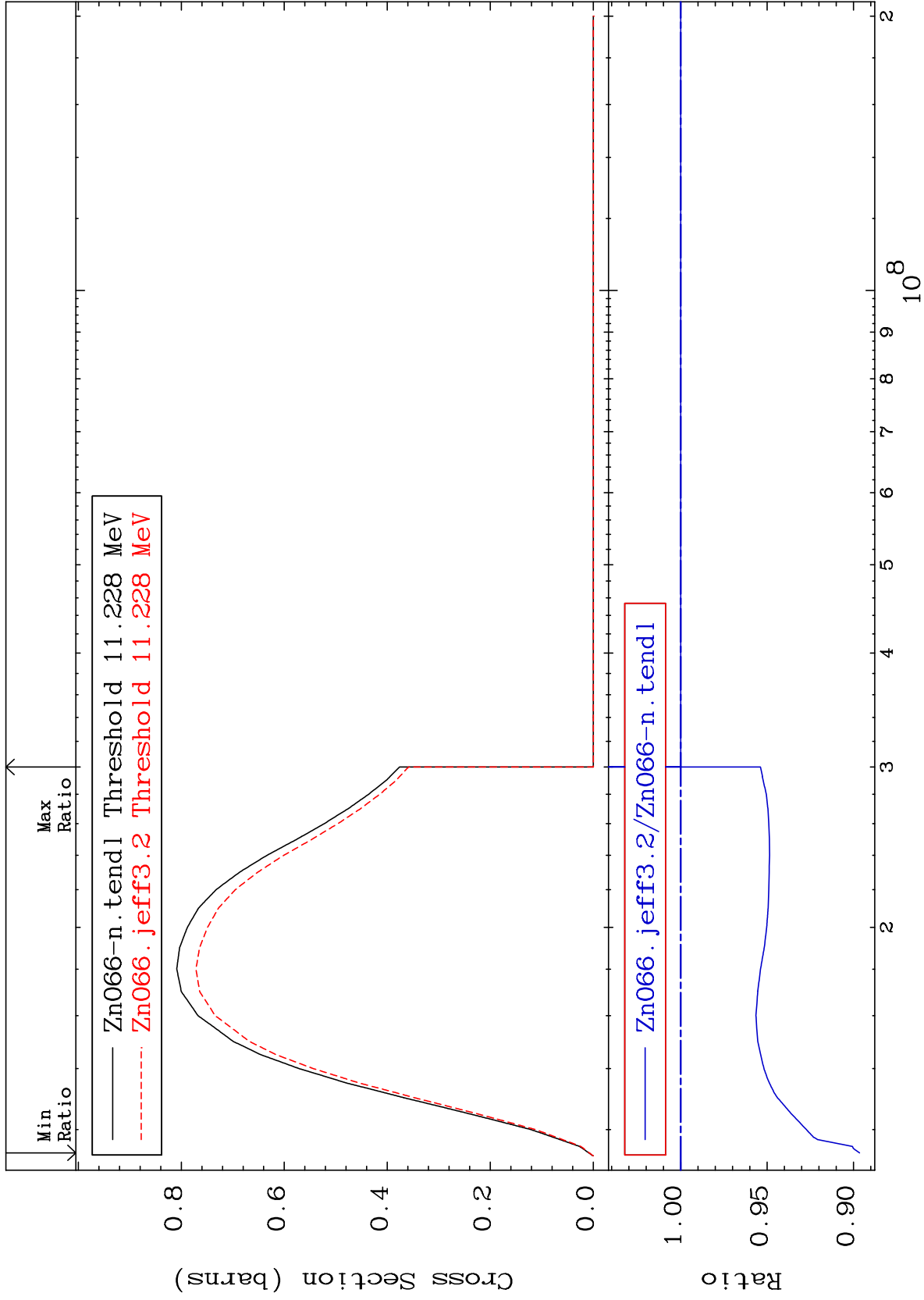
MAT 3031

(n,2n)

30-Zn-66

Cross Section

-10.35 To 0.000 %



5

Incident Energy (eV)

30-Zn-66

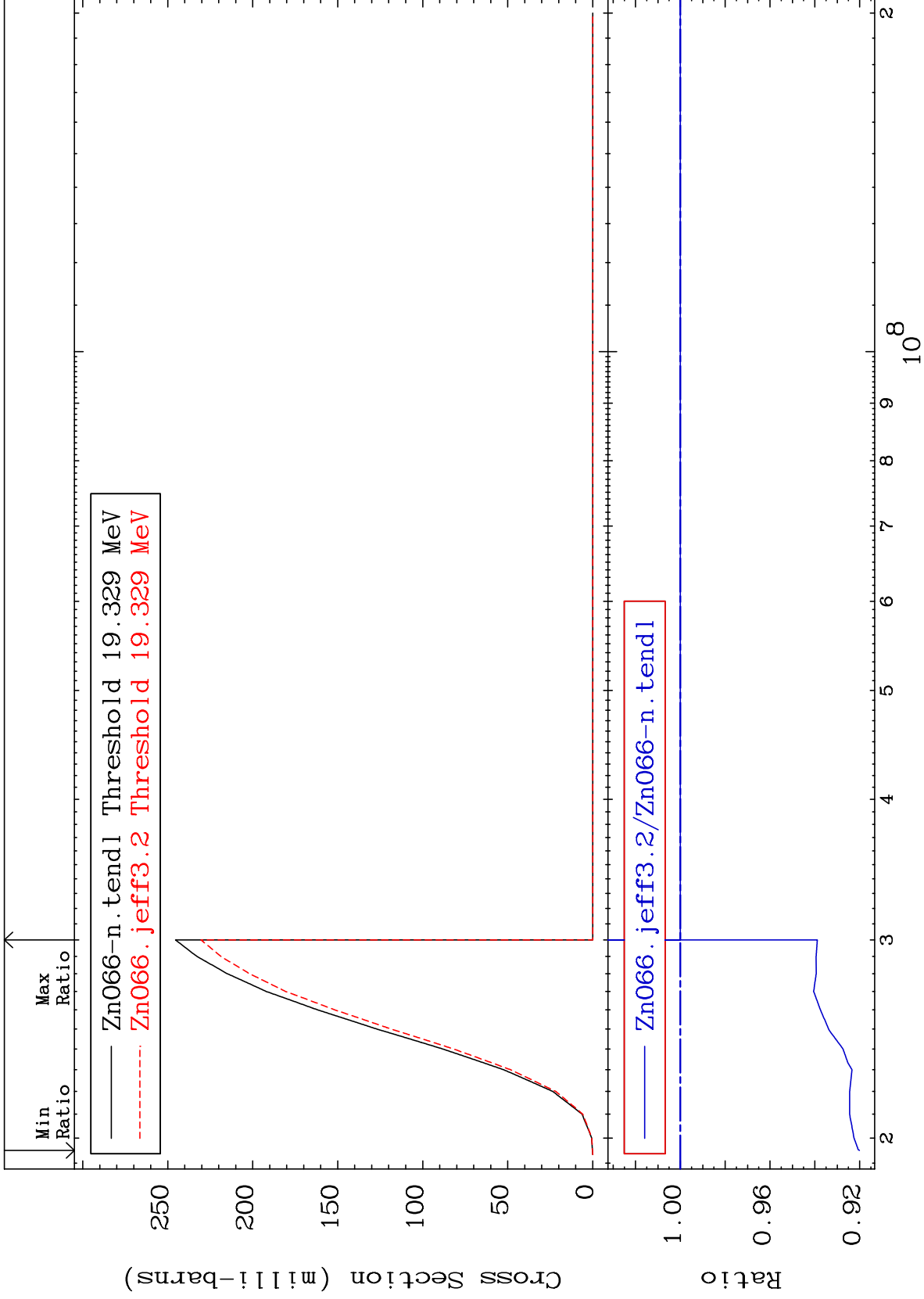
MAT 3031

(n,3n)

30-Zn-66

Cross Section

-7.991 To 0.000 %

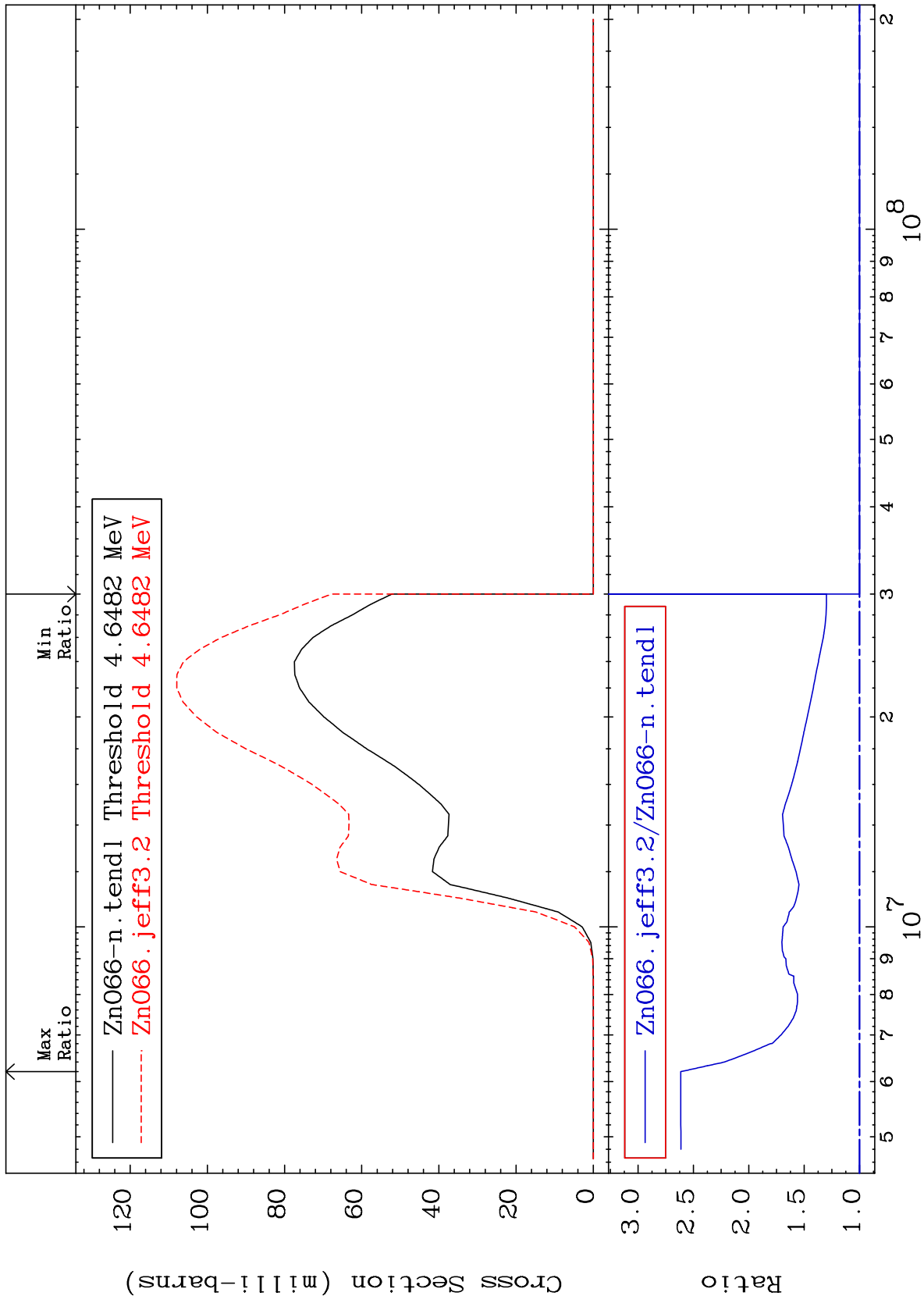


6

Incident Energy (eV)

30-Zn-66

MAT 3031  $(n, n') \alpha$  30-Zn-66  
 Cross Section To 161.5 %

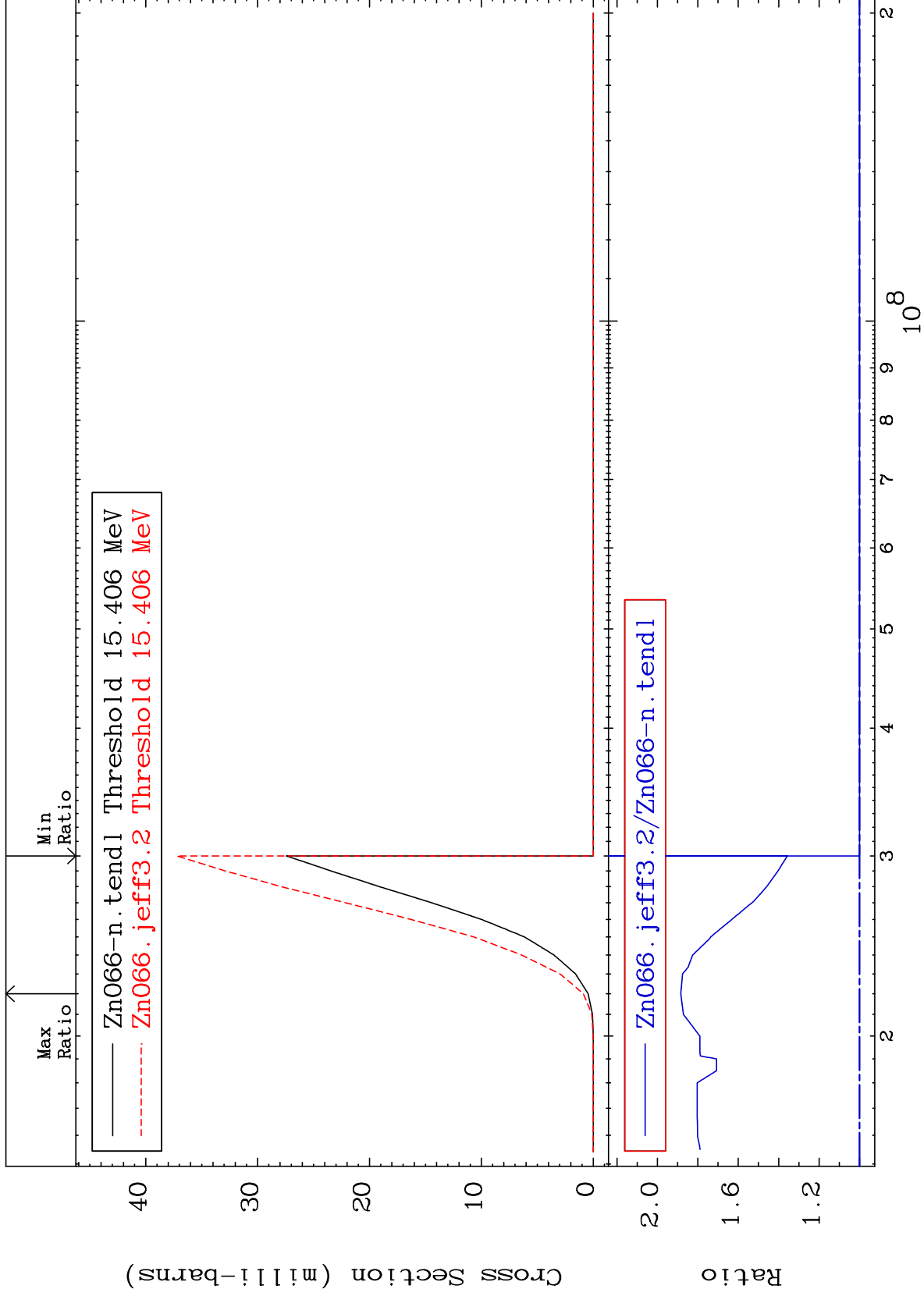


7 Incident Energy (eV) 30-Zn-66

MAT 3031

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

30-Zn-66  
0.000 To 88.43 %

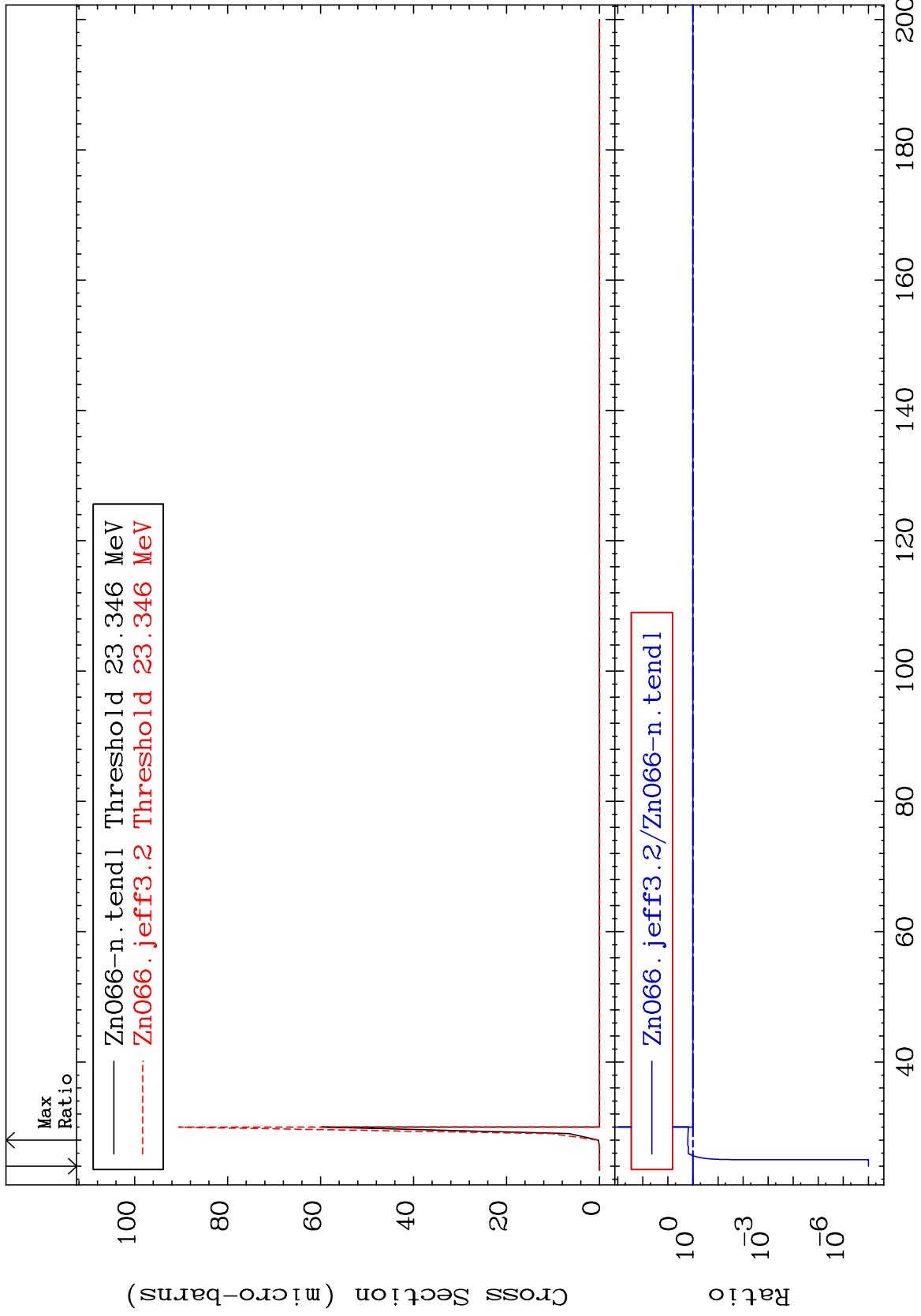




MAT 3031

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

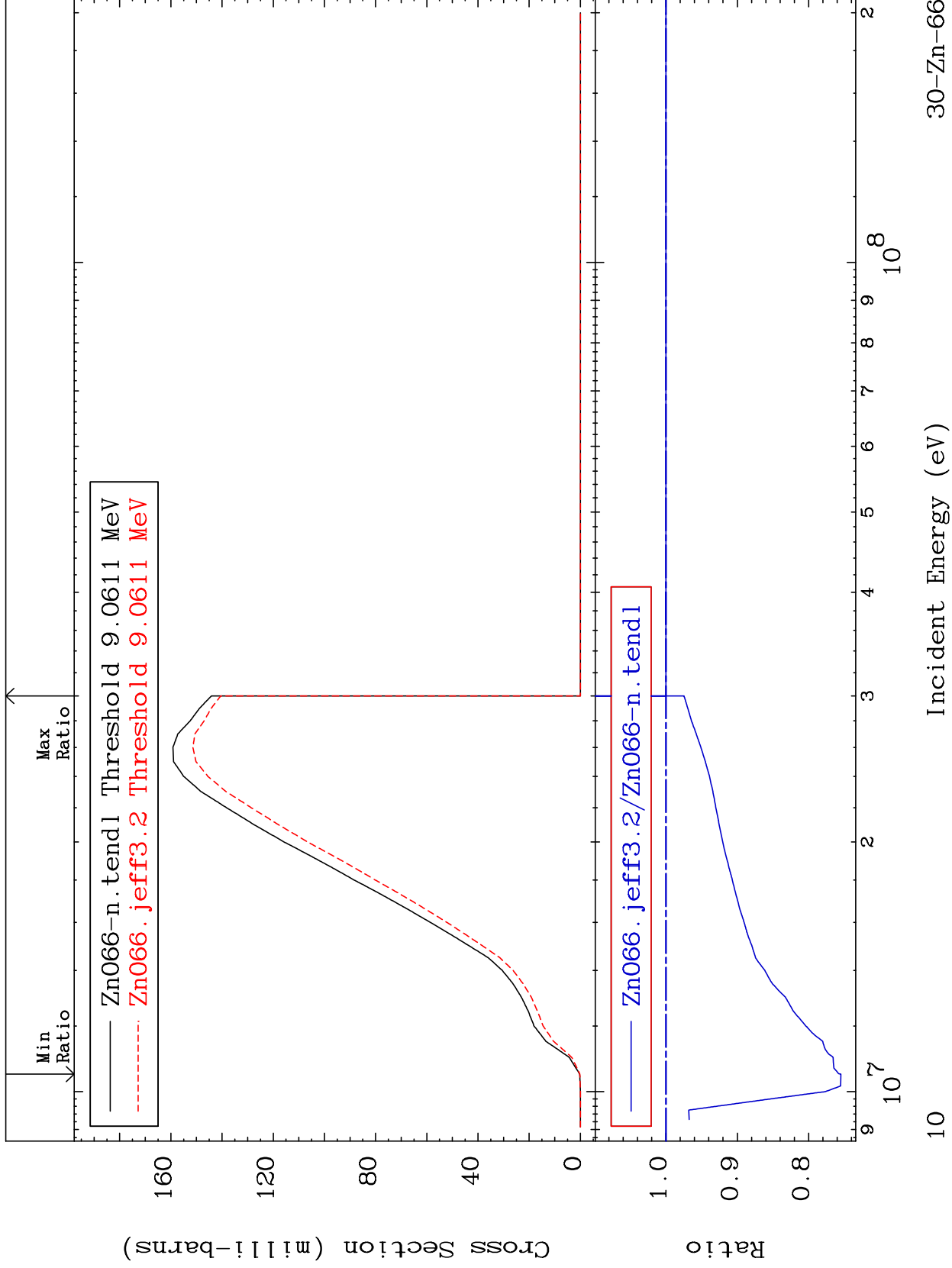
30-Zn-66  
-100.0 To 59.72 %



MAT 3031

(n,n') p  
Cross Section

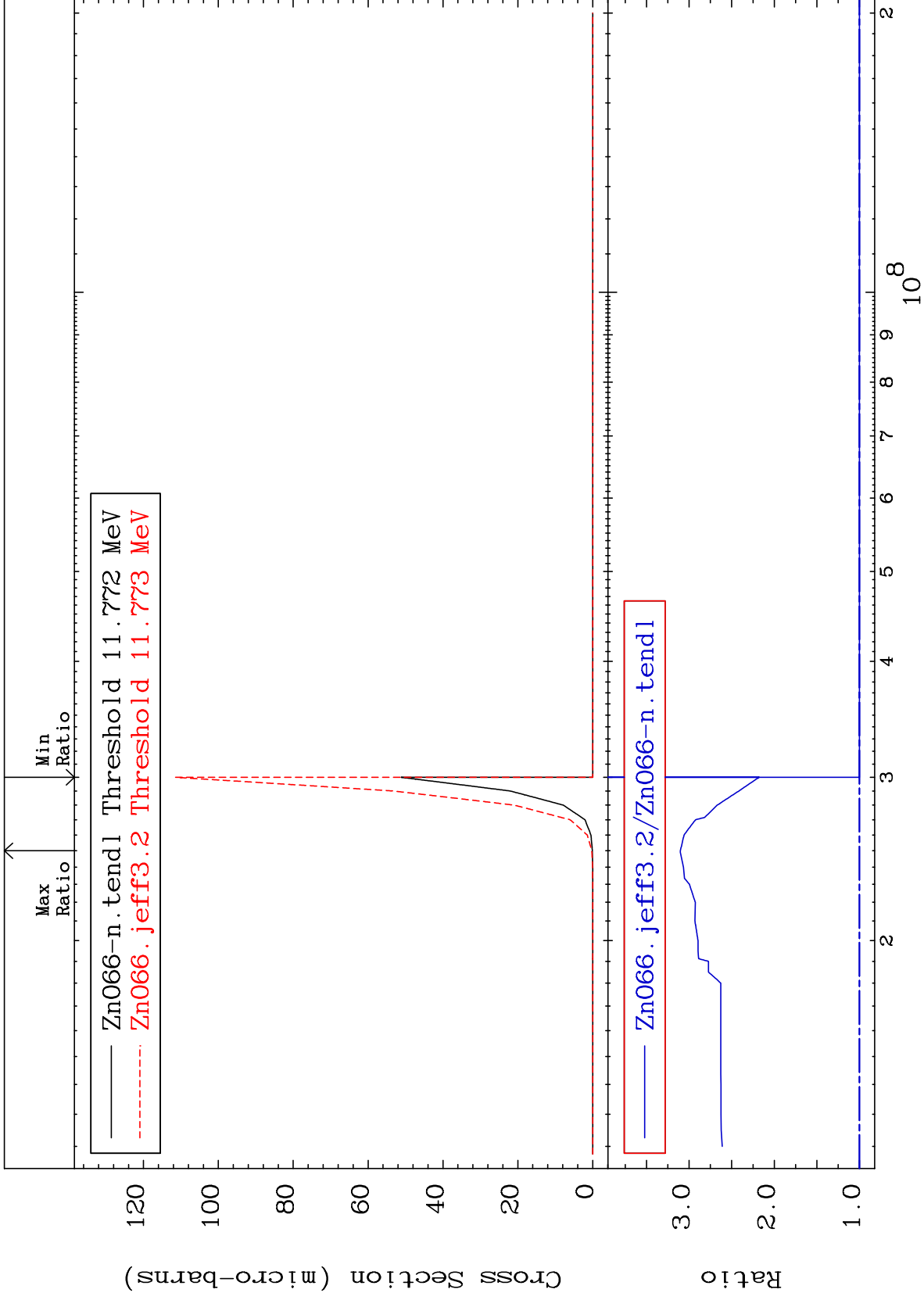
30-Zn-66  
-24.52 To 0.000 %



MAT 3031

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

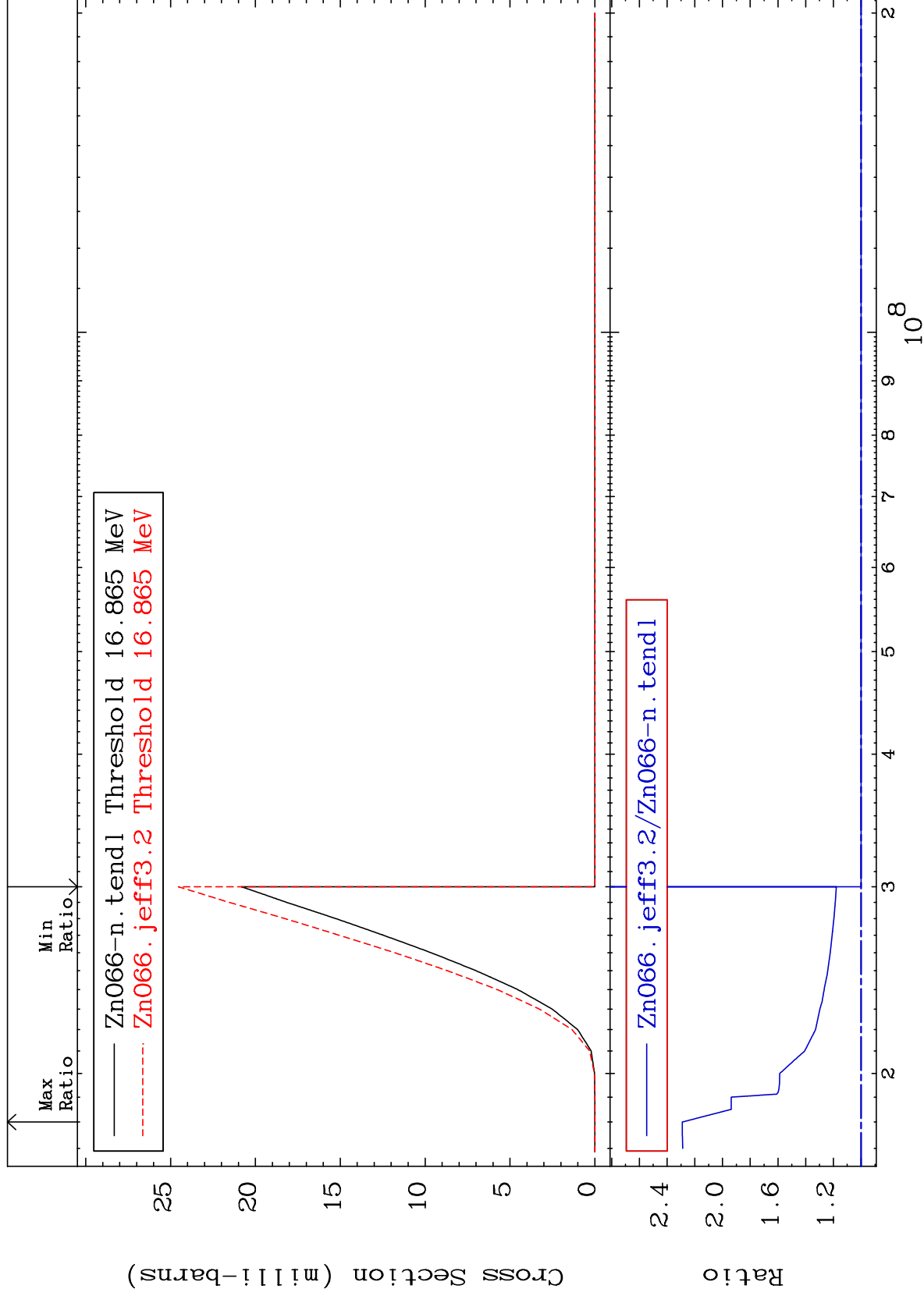
30-Zn-66  
To 210.3 %  
0.000



MAT 3031

(n,n') d  
Cross Section

30-Zn-66  
To 129.0 %



12

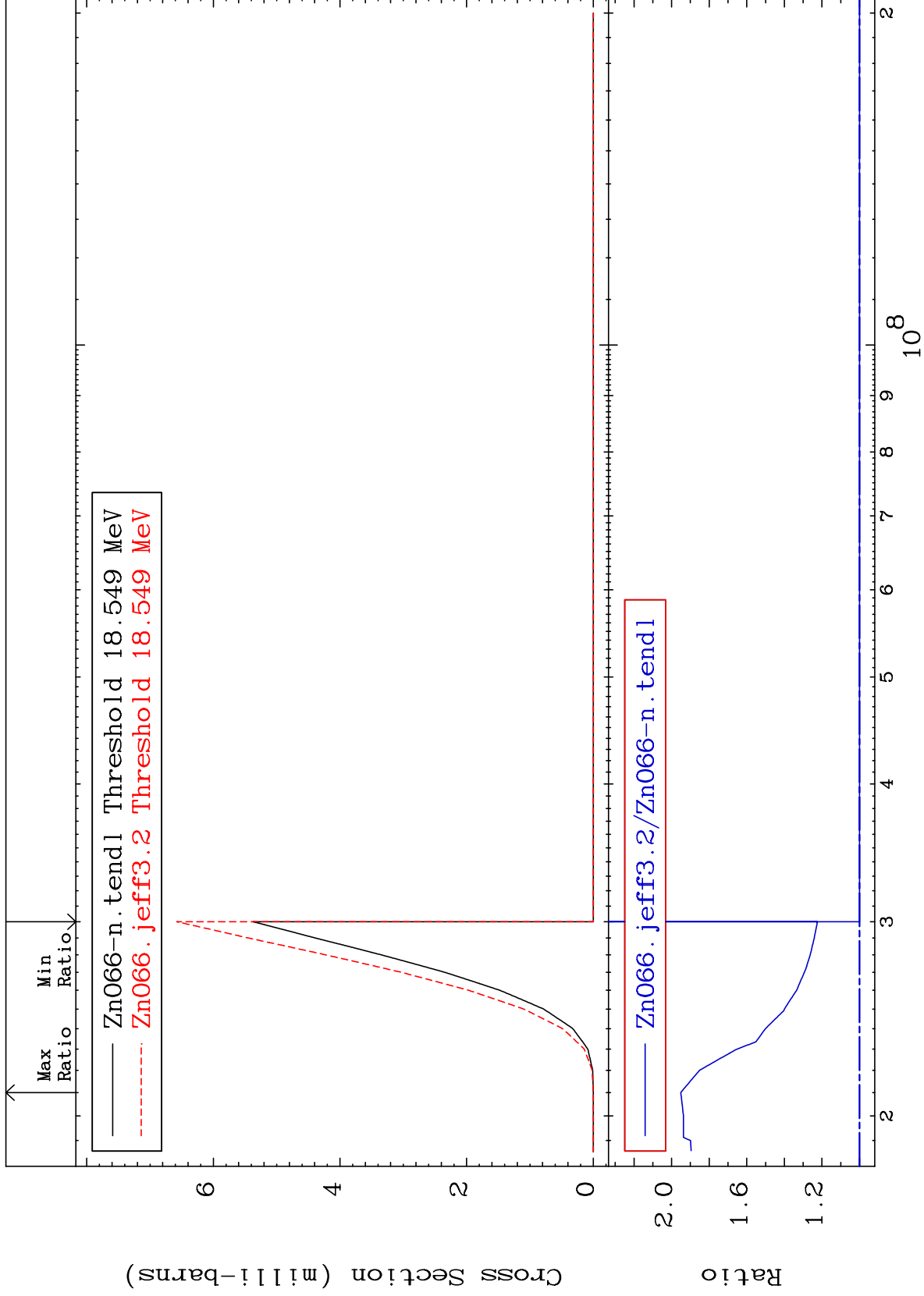
Incident Energy (eV)

30-Zn-66

MAT 3031

(n,n') t  
Cross Section

30-Zn-66  
0.000 To 95.12 %



13

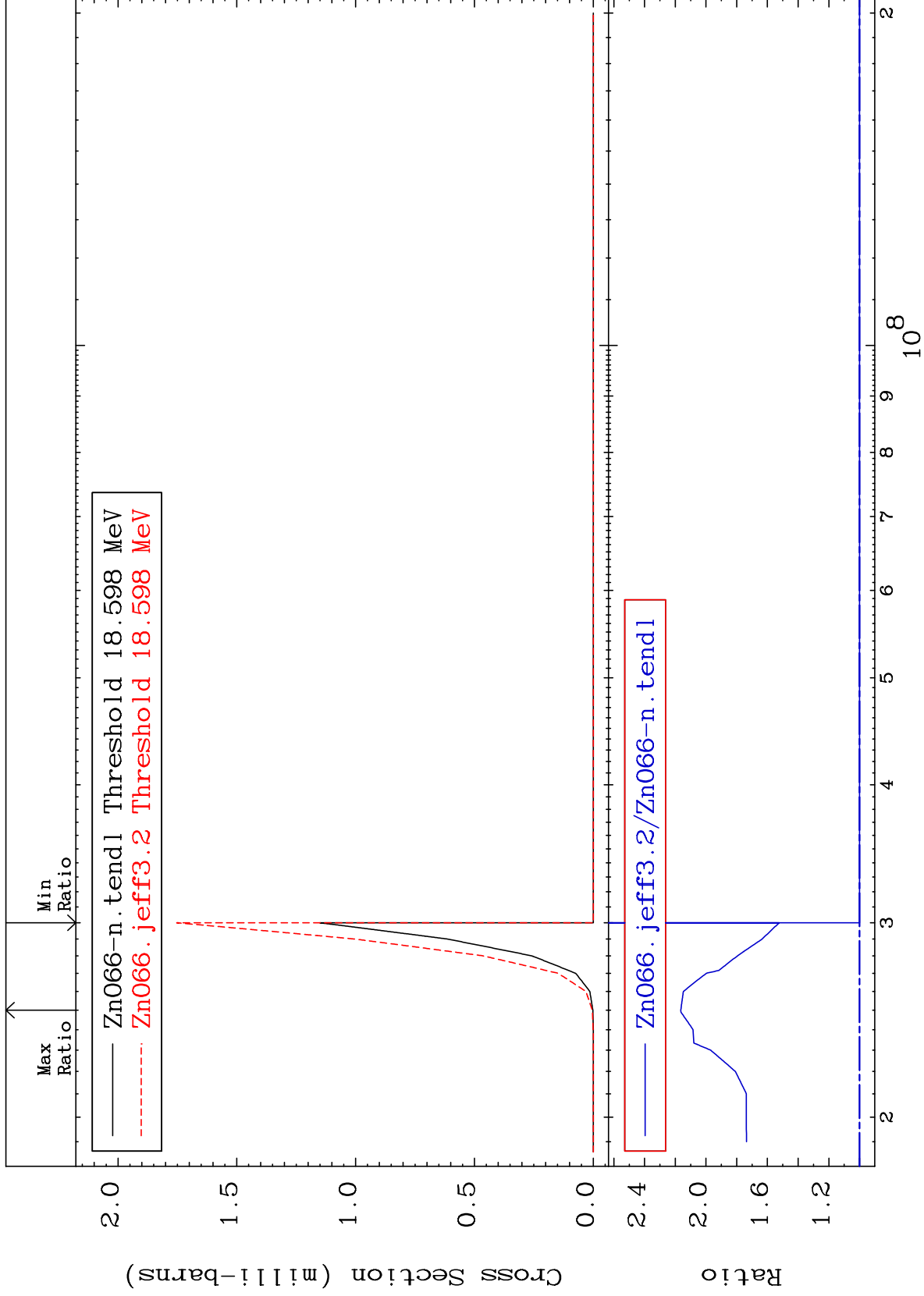
30-Zn-66

30-Zn-66

MAT 3031

(n, n') He-3  
Cross Section

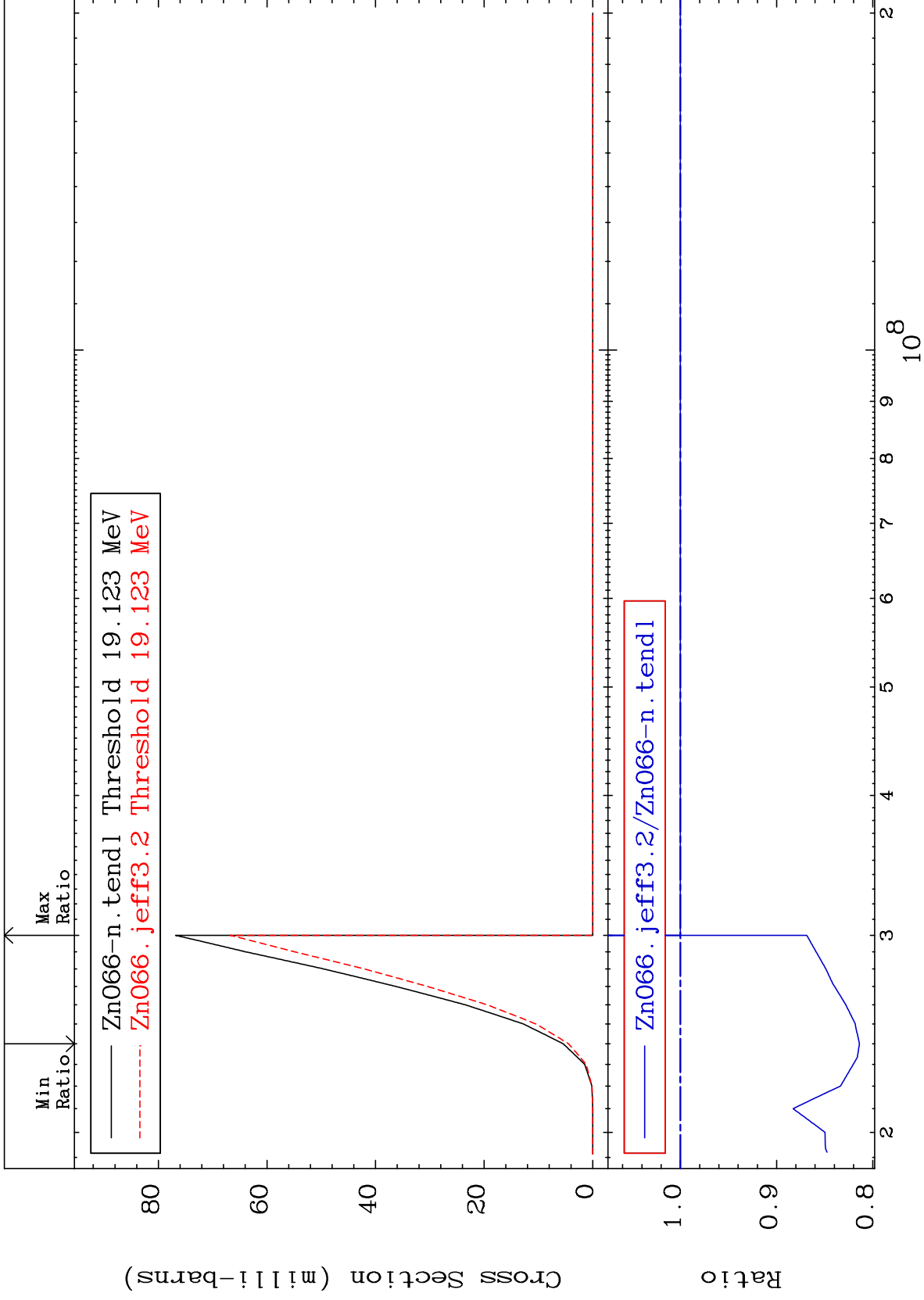
30-Zn-66  
To 116.4 %



MAT 3031

(n,2n) p  
Cross Section

30-Zn-66  
-18.60 To 0.000 %



15

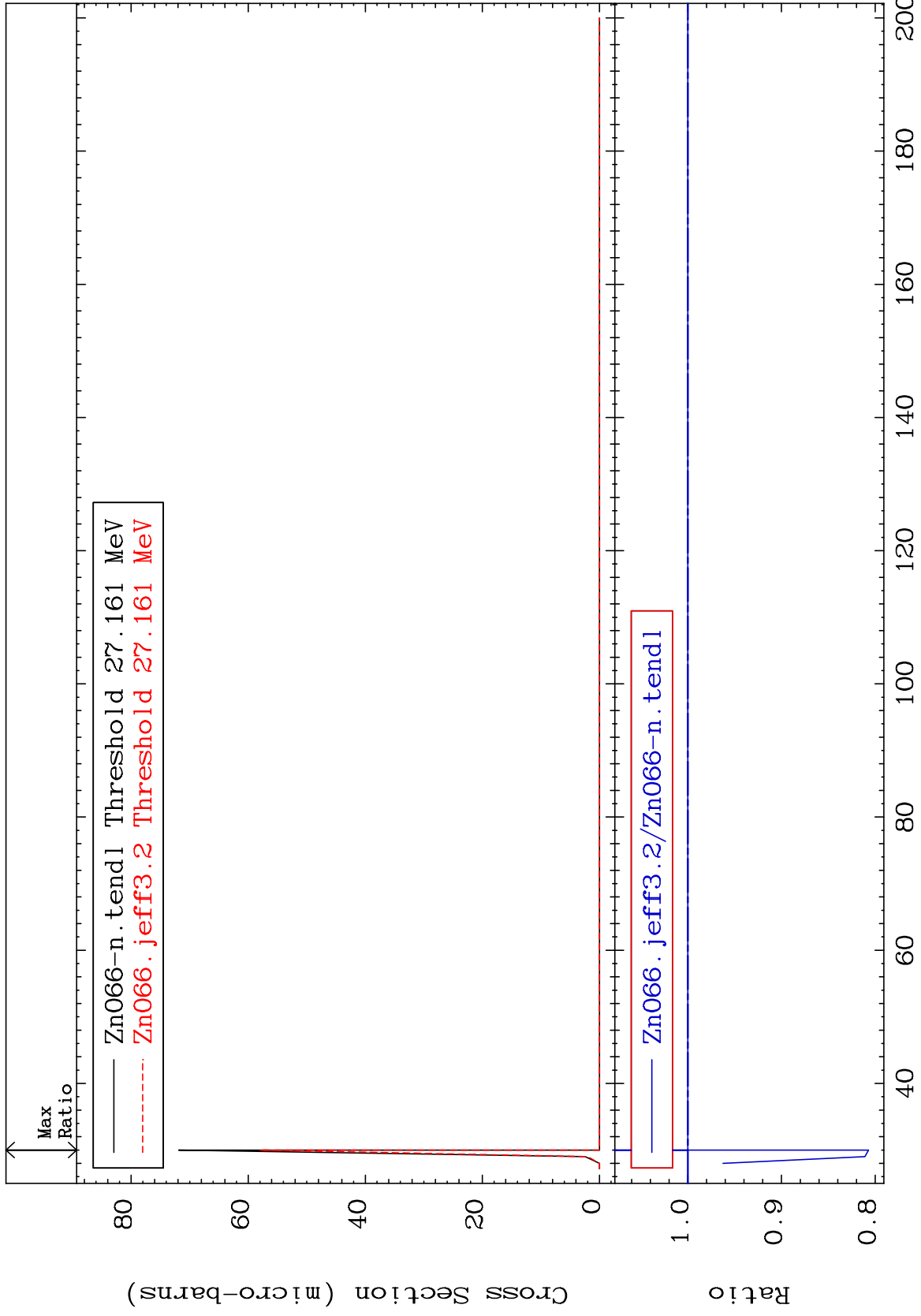
30-Zn-66

30-Zn-66

MAT 3031

(n,3n) p  
Cross Section

30-Zn-66  
-19.29 To 0.000 %



16

Incident Energy (MeV)

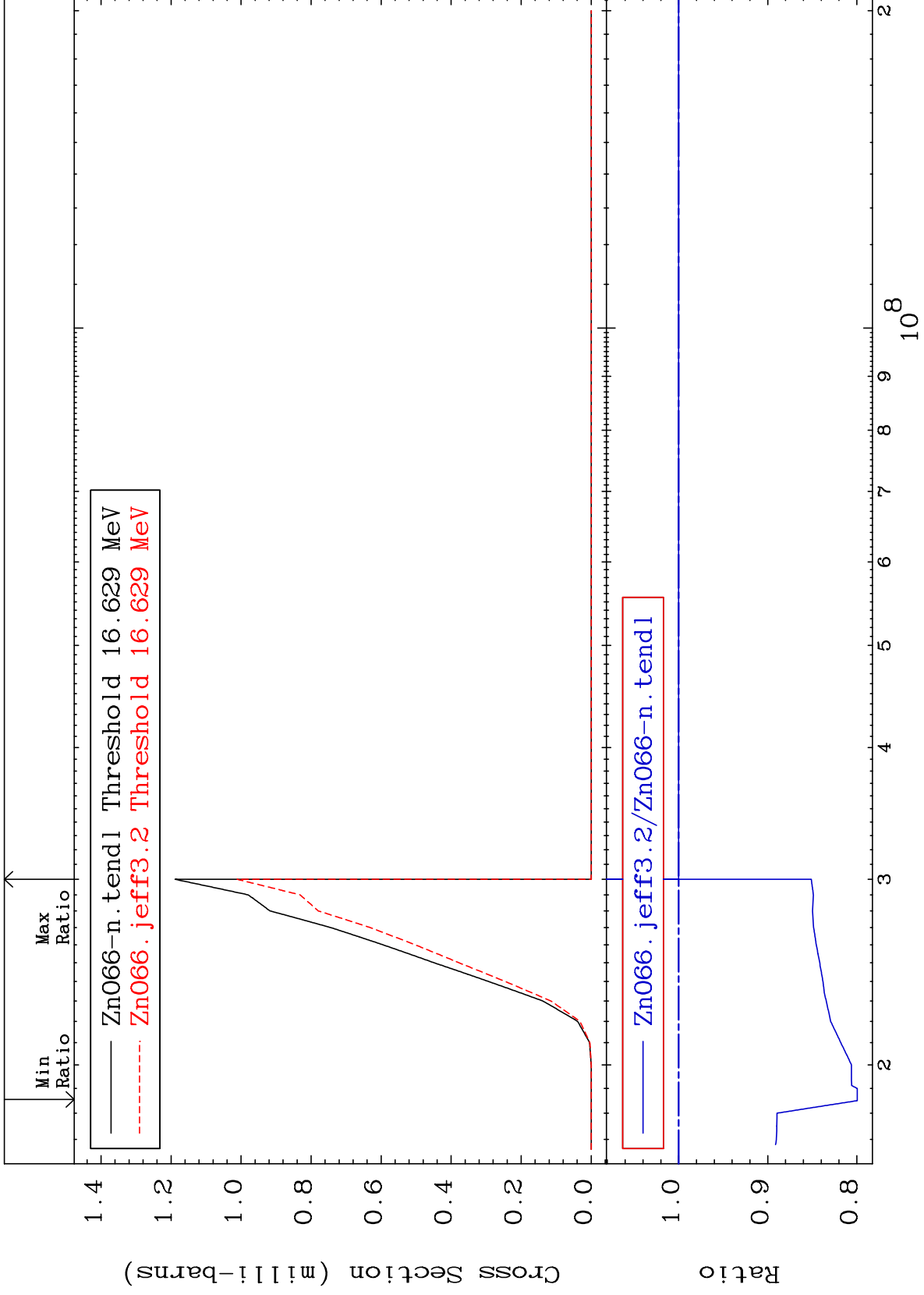
30-Zn-66



MAT 3031

(n,2n) p  
Cross Section

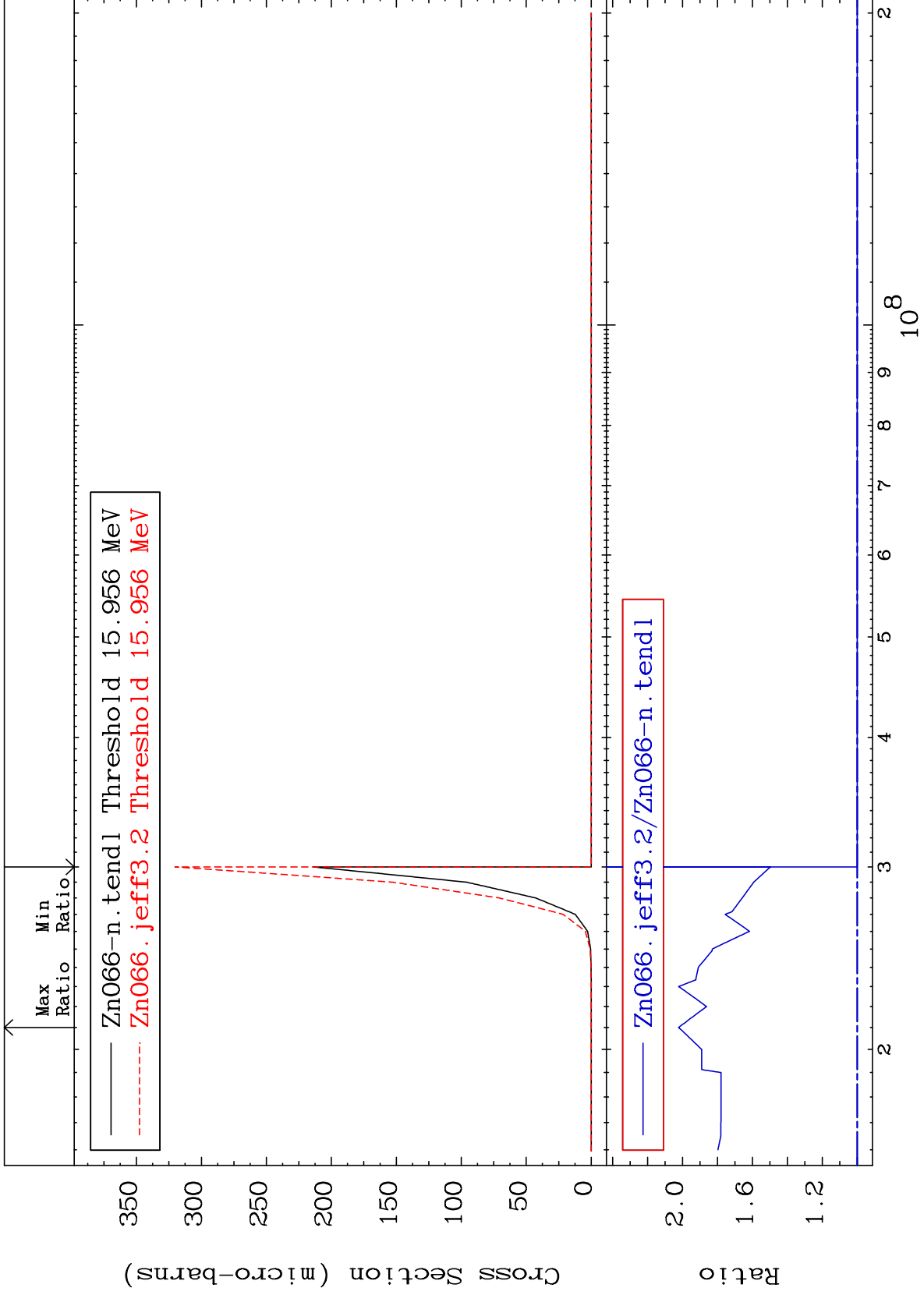
30-Zn-66  
-20.05 To 0.000 %



MAT 3031

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

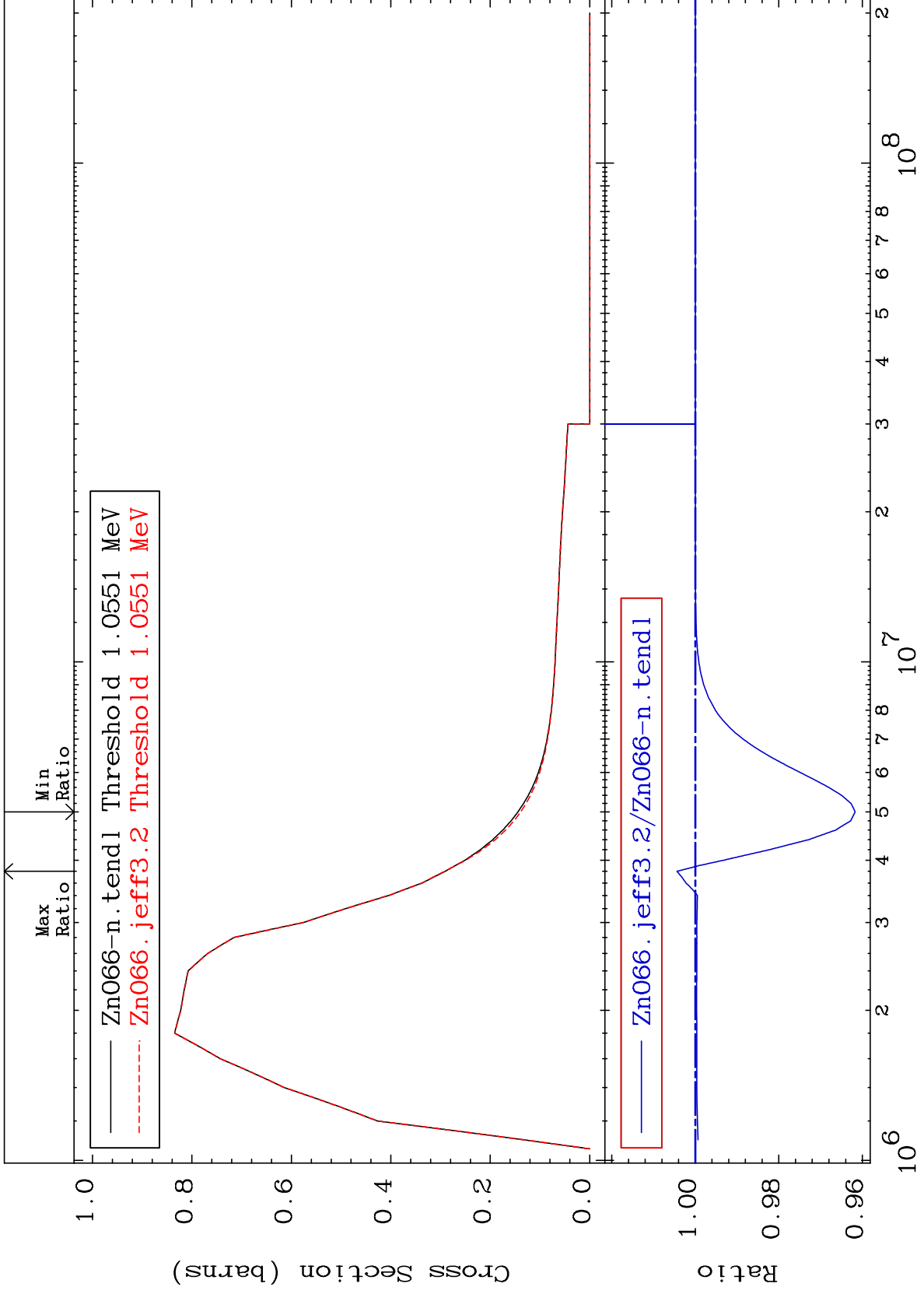
30-Zn-66  
0.000 To 102.2 %



MAT 3031

1.039 MeV (n,n') Level  
Cross Section

30-Zn-66  
-3.826 To 0.440 %



19

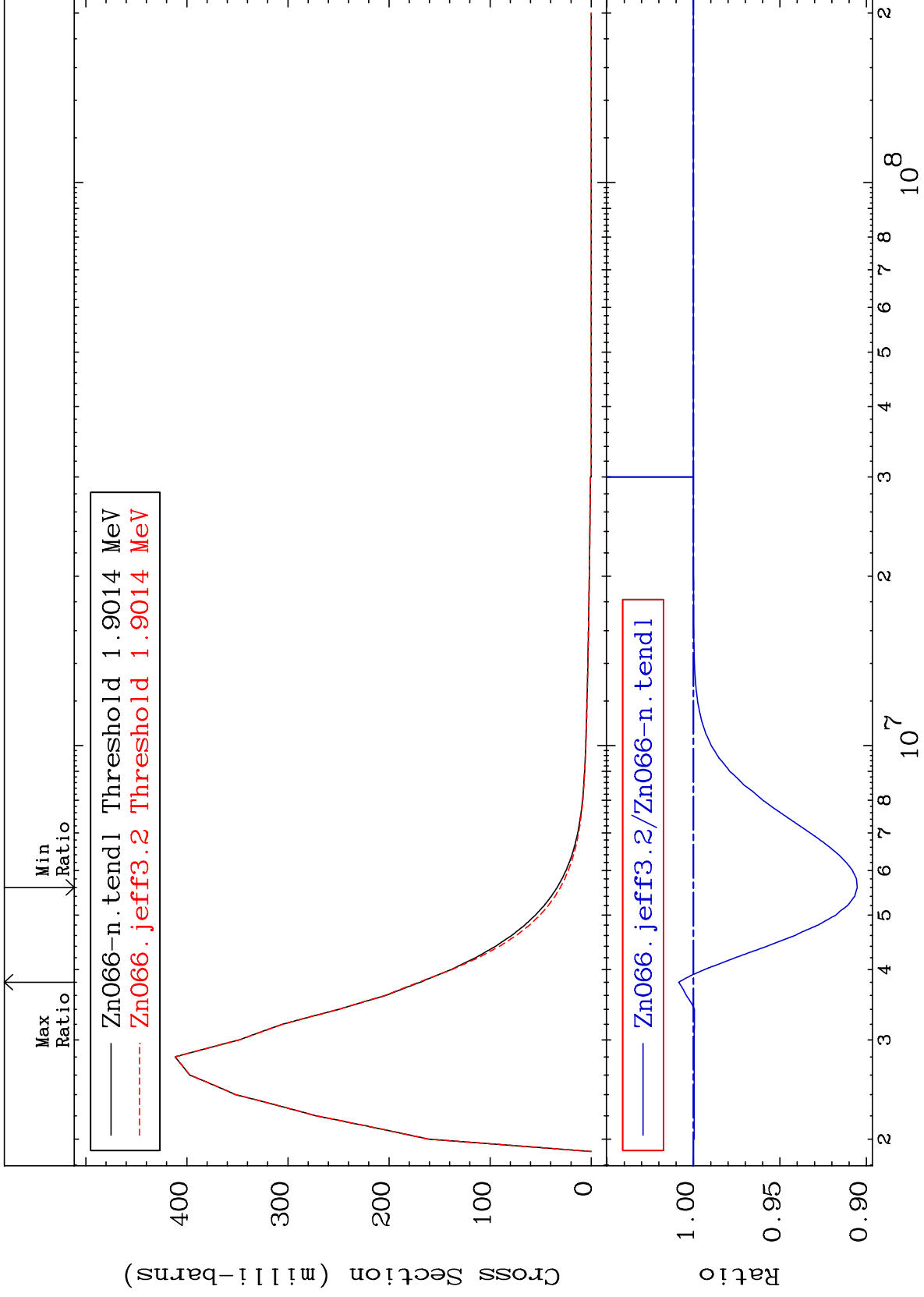
Incident Energy (eV)

30-Zn-66

MAT 3031

1.873 MeV (n,n') Level  
Cross Section

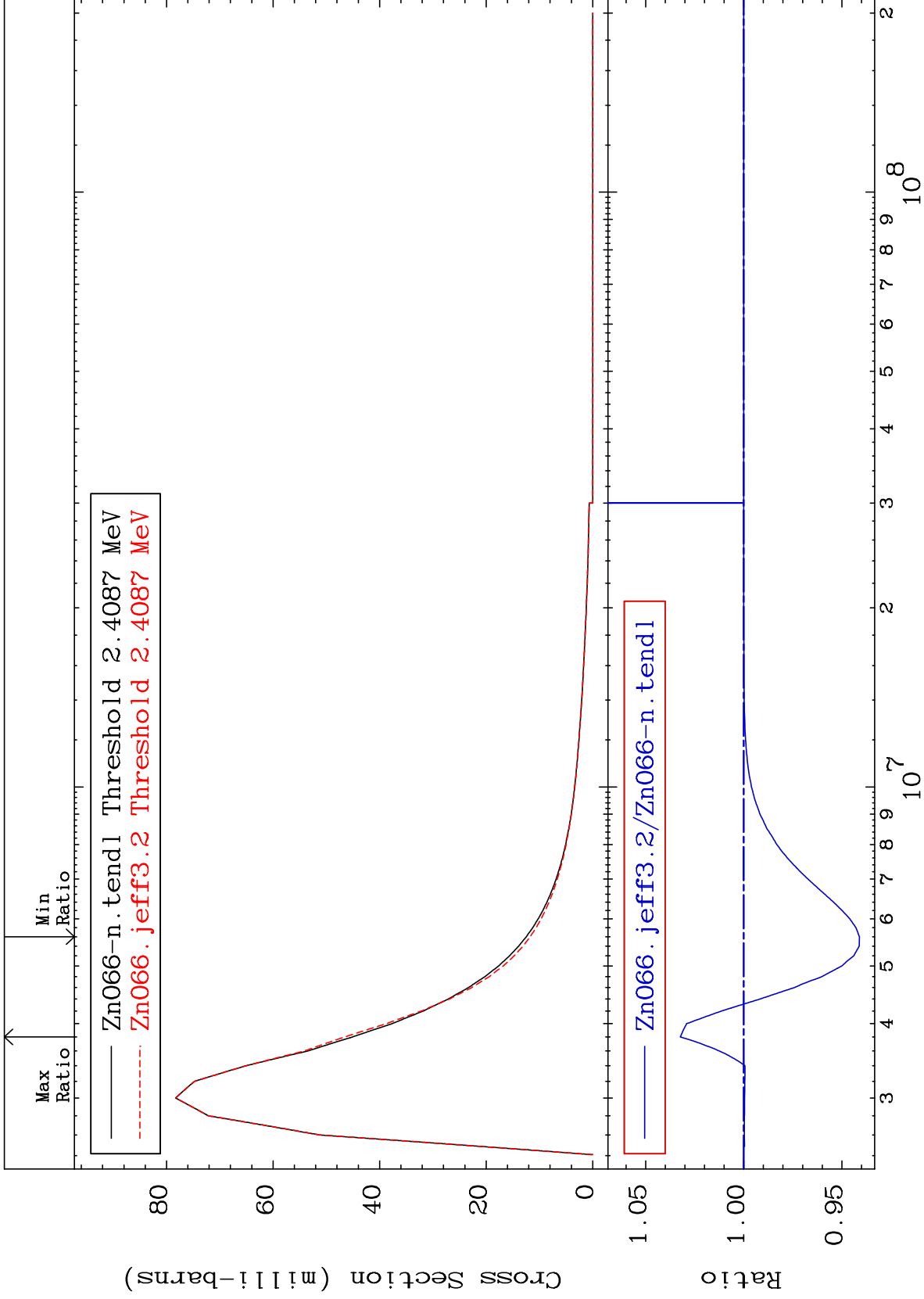
30-Zn-66  
-9.470 To 0.855 %



MAT 3031

2.372 MeV (n,n') Level  
Cross Section

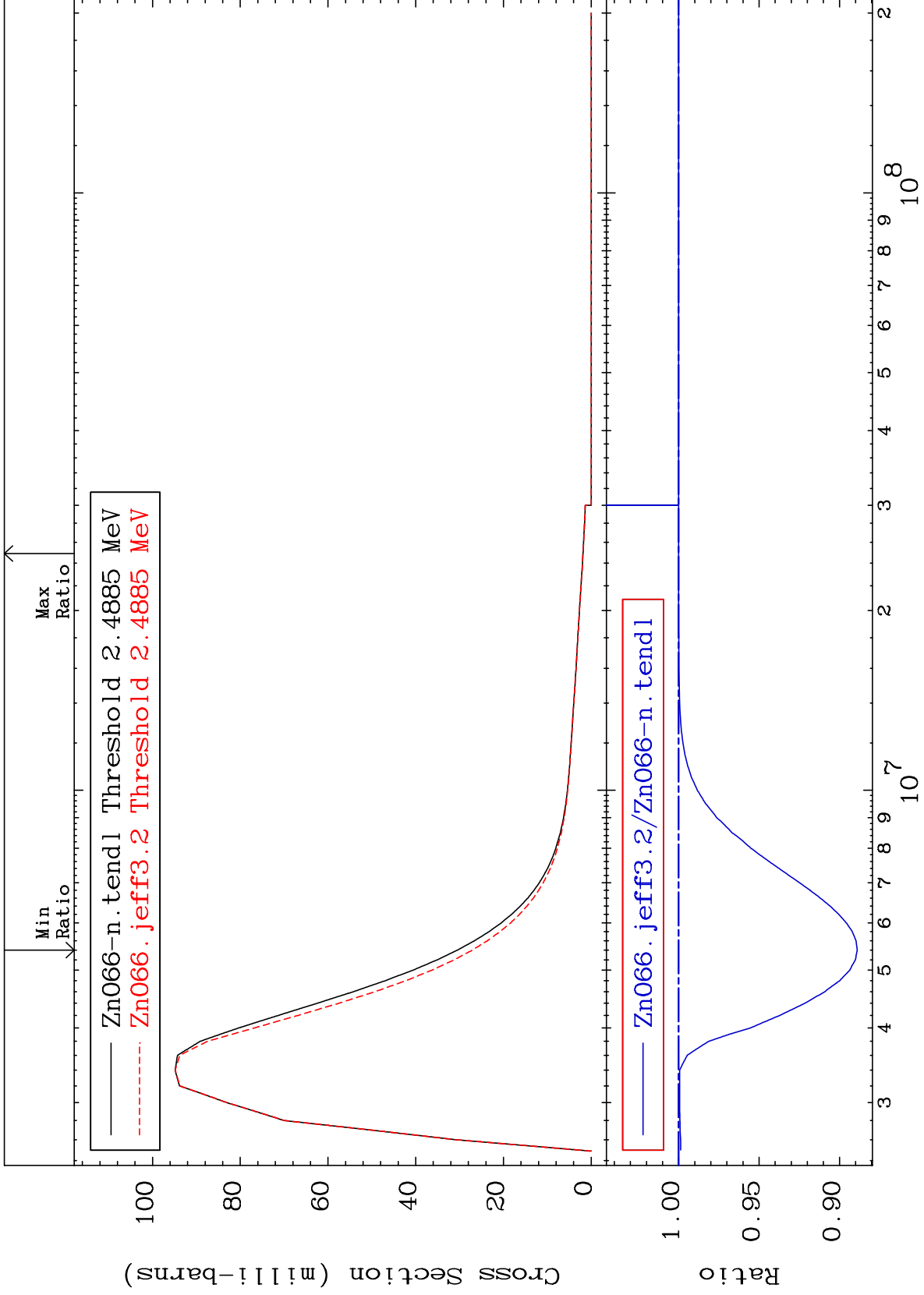
30-Zn-66  
-5.897 To 3.232 %



MAT 3031

2.451 MeV (n,n') Level  
Cross Section

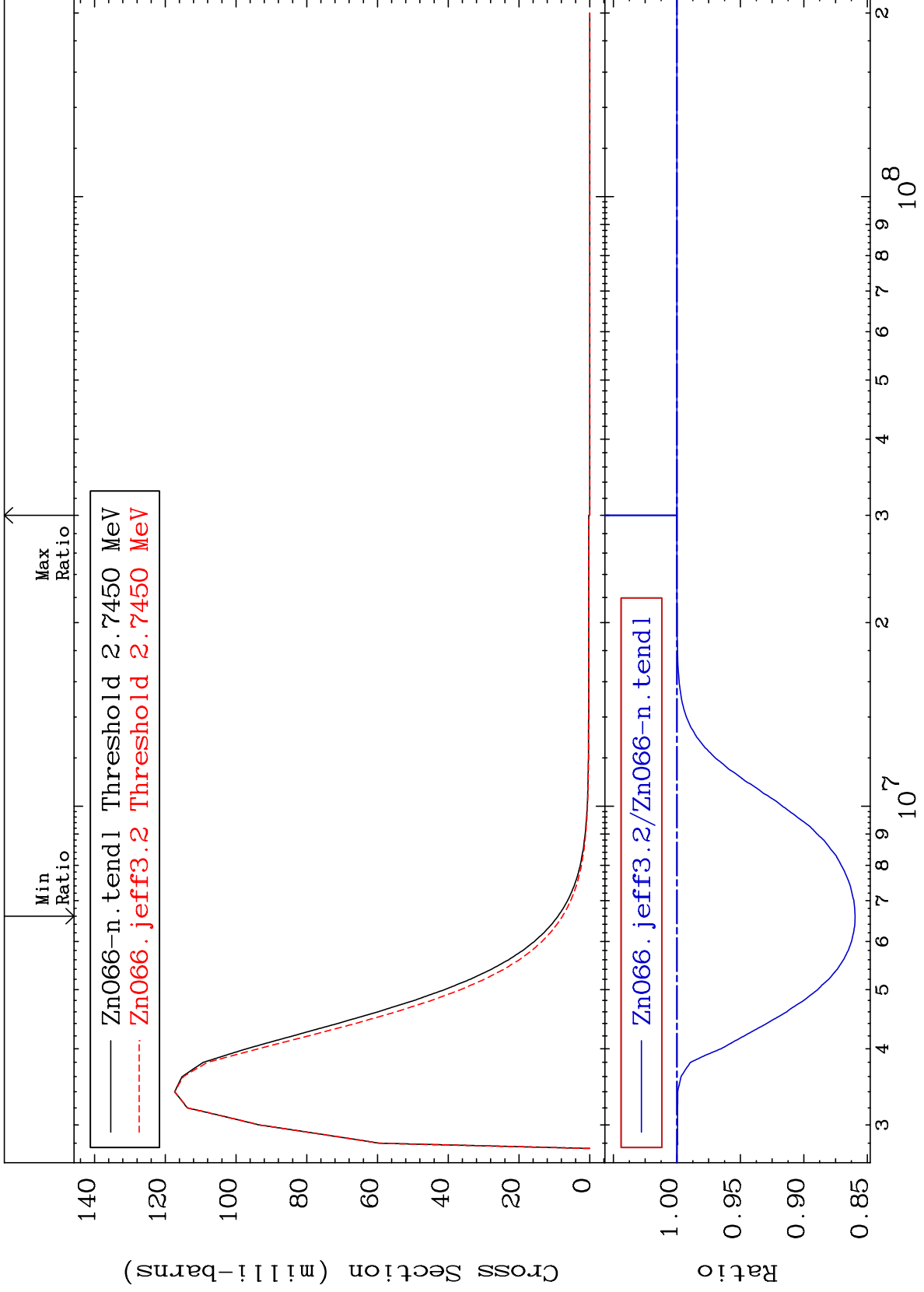
30-Zn-66  
-11.10 To 0.000 %



MAT 3031

2.704 MeV (n,n') Level  
Cross Section

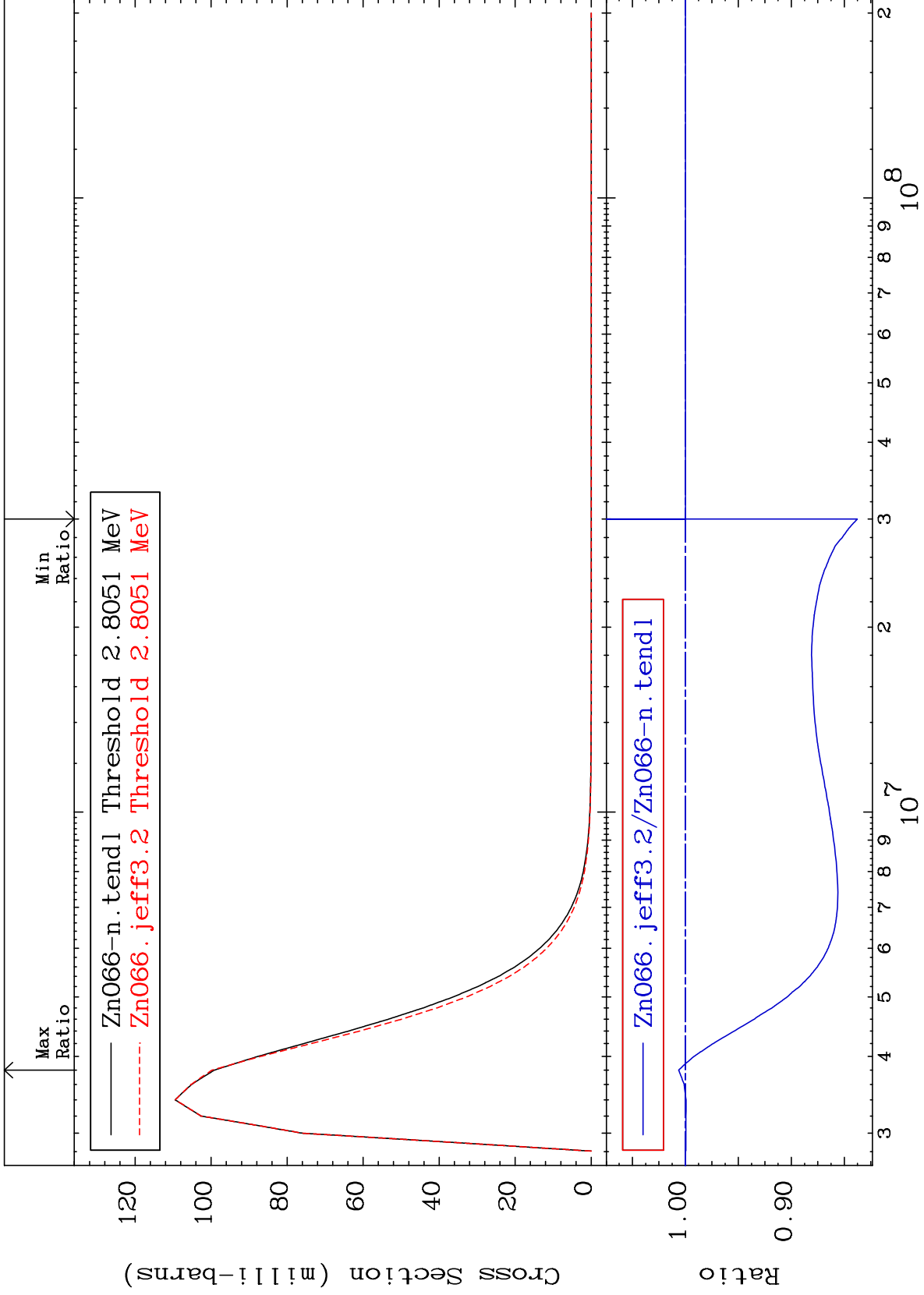
30-Zn-66  
-14.04 To 0.000 %



MAT 3031

2.763 MeV (n,n') Level  
Cross Section

30-Zn-66  
-16.22 To 0.637 %

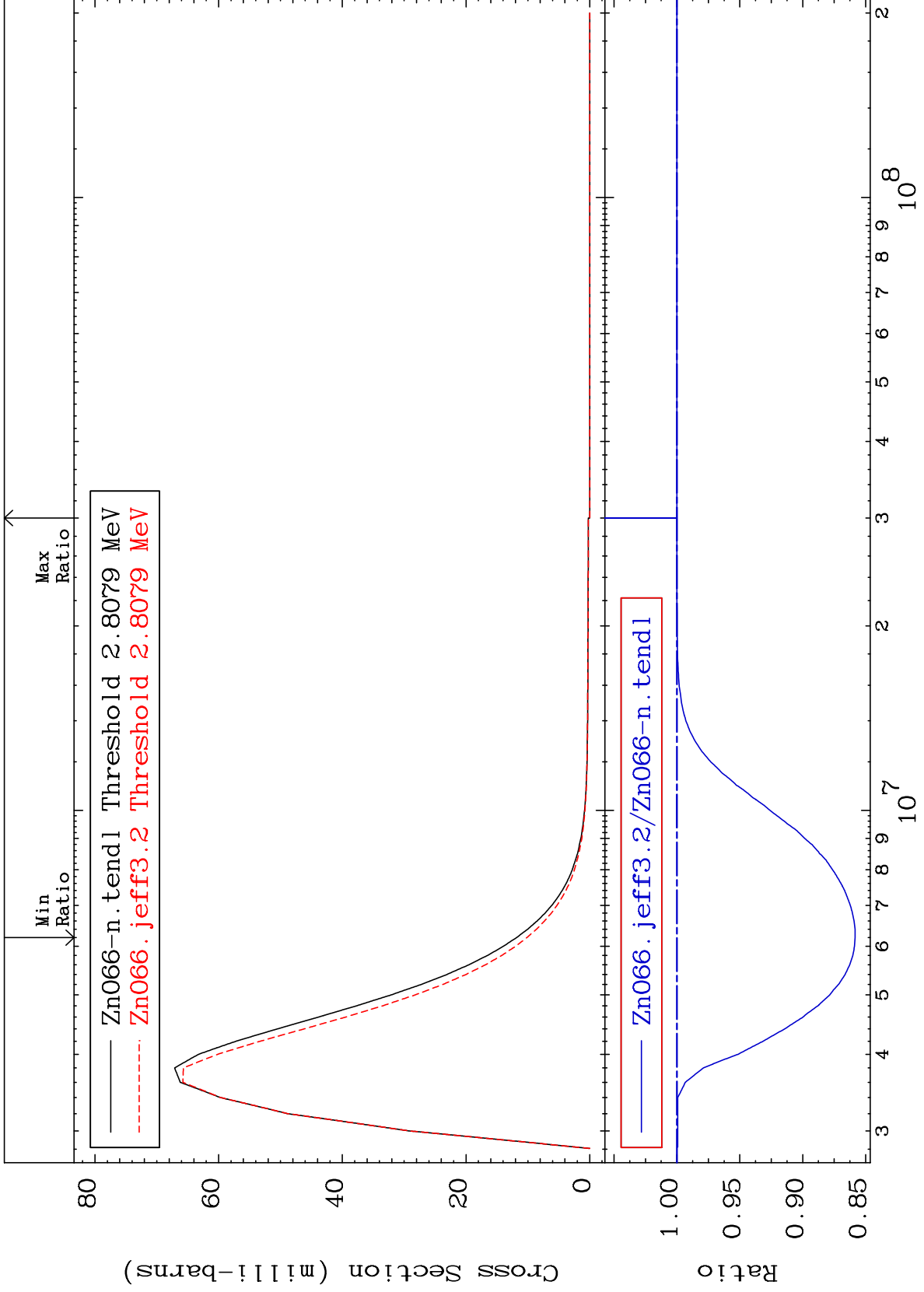




MAT 3031

2.766 MeV (n,n') Level  
Cross Section

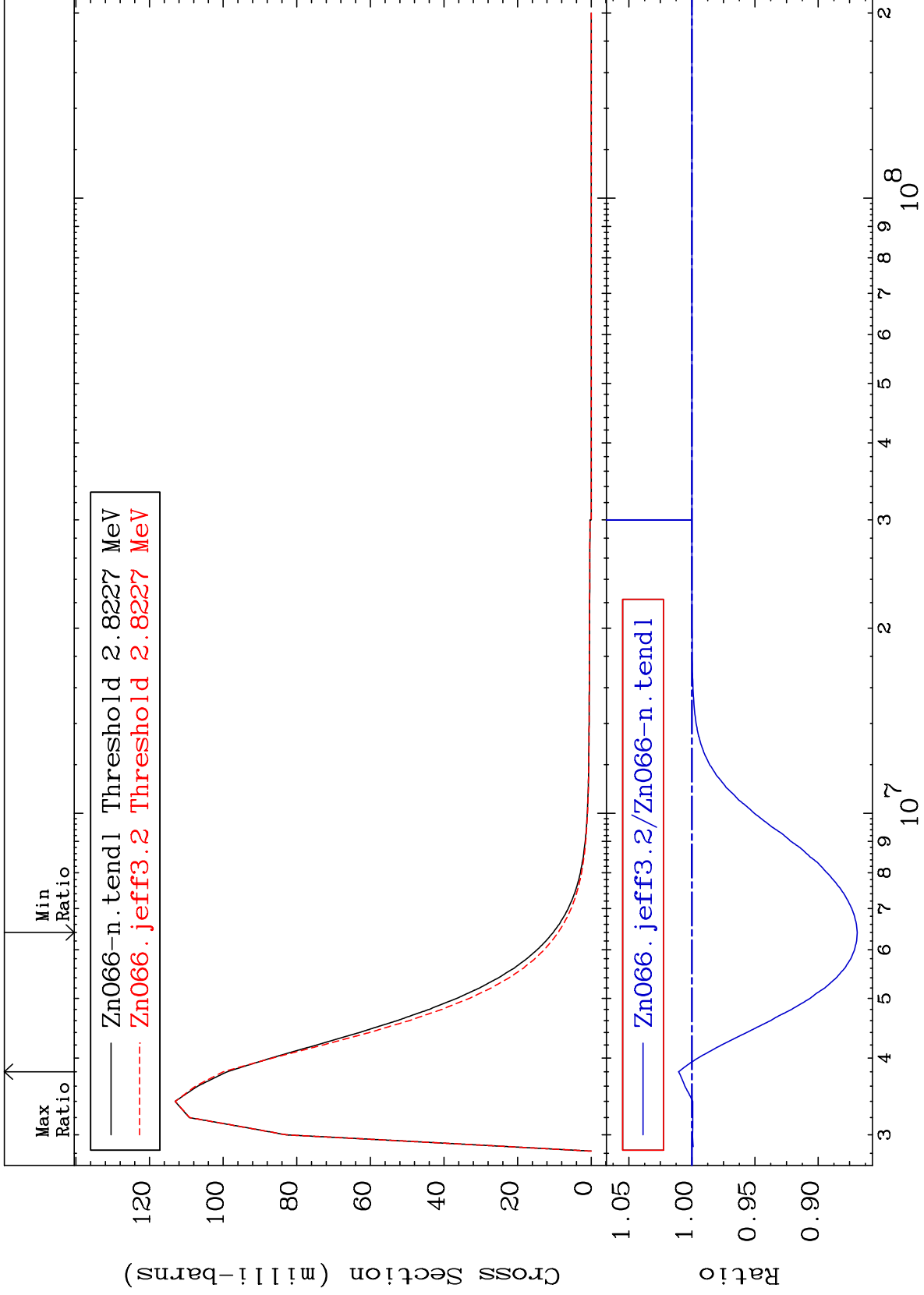
30-Zn-66  
-14.16 To 0.000 %



MAT 3031

2.780 MeV (n,n') Level  
Cross Section

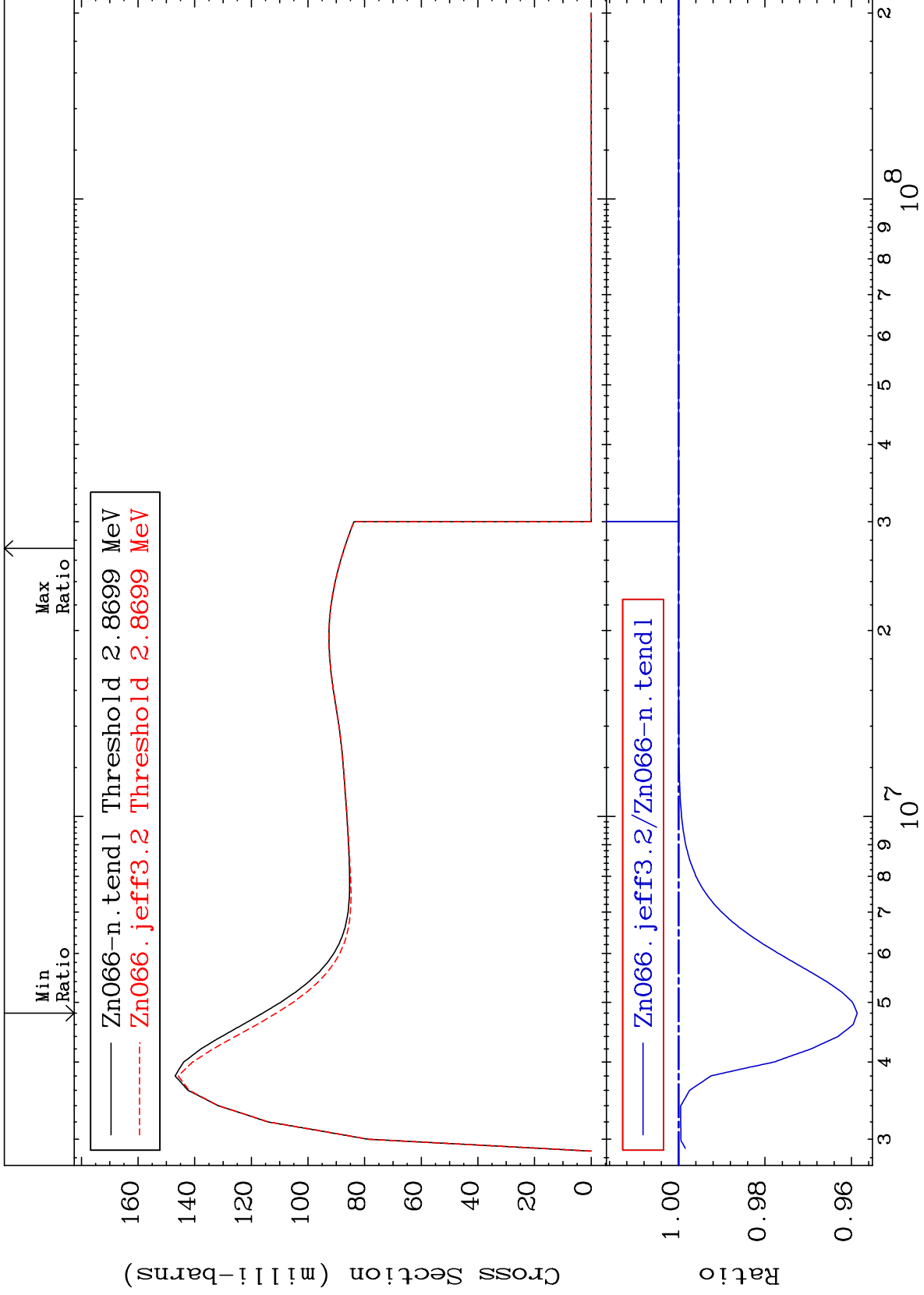
30-Zn-66  
-13.10 To 1.053 %



MAT 3031

2.827 MeV (n,n') Level  
Cross Section

30-Zn-66  
-4.136 To 0.000 %



27

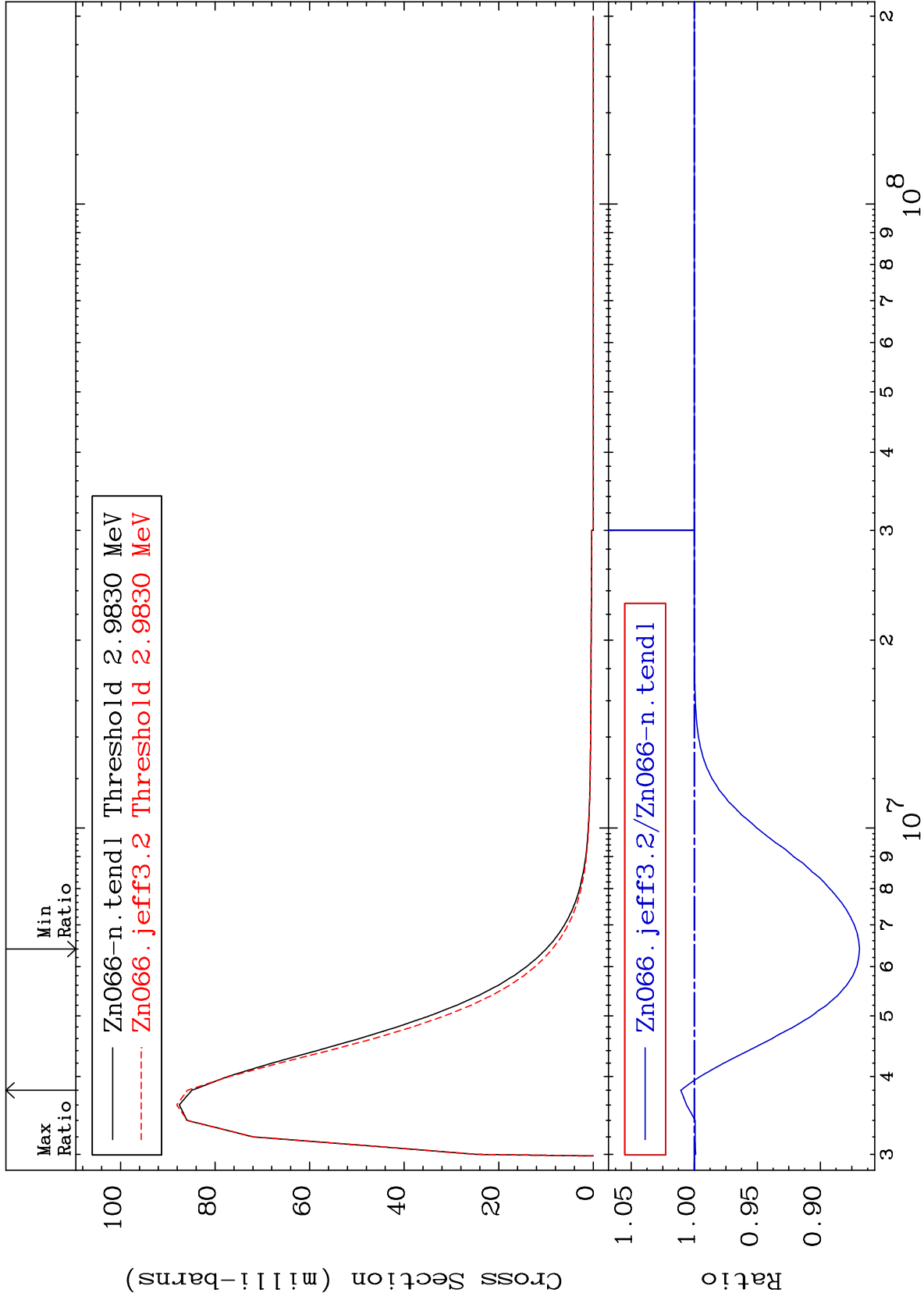
30-Zn-66

30-Zn-66

MAT 3031

2.938 MeV (n,n') Level  
Cross Section

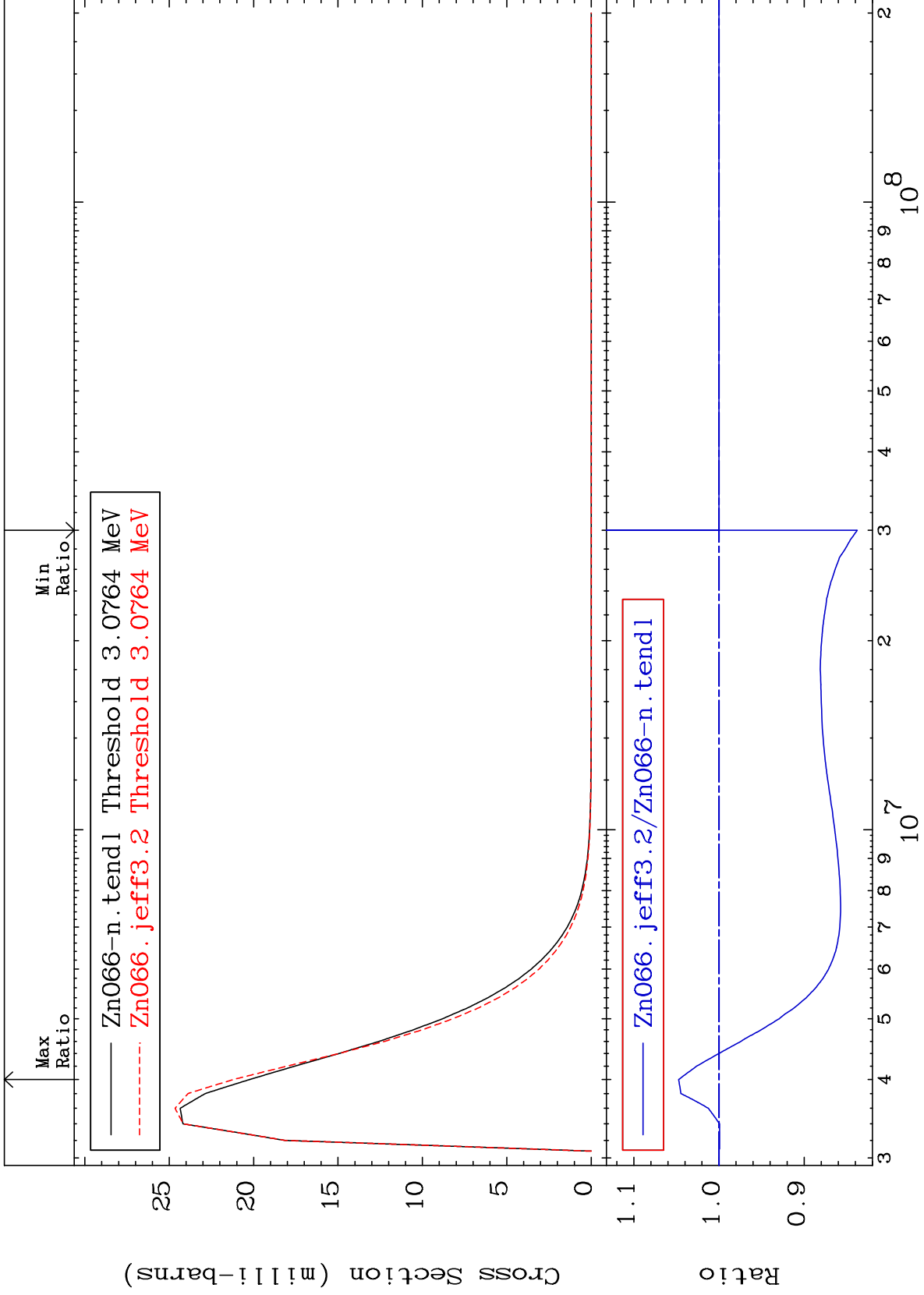
30-Zn-66  
-13.11 To 1.073 %



MAT 3031

3.030 MeV (n,n') Level  
Cross Section

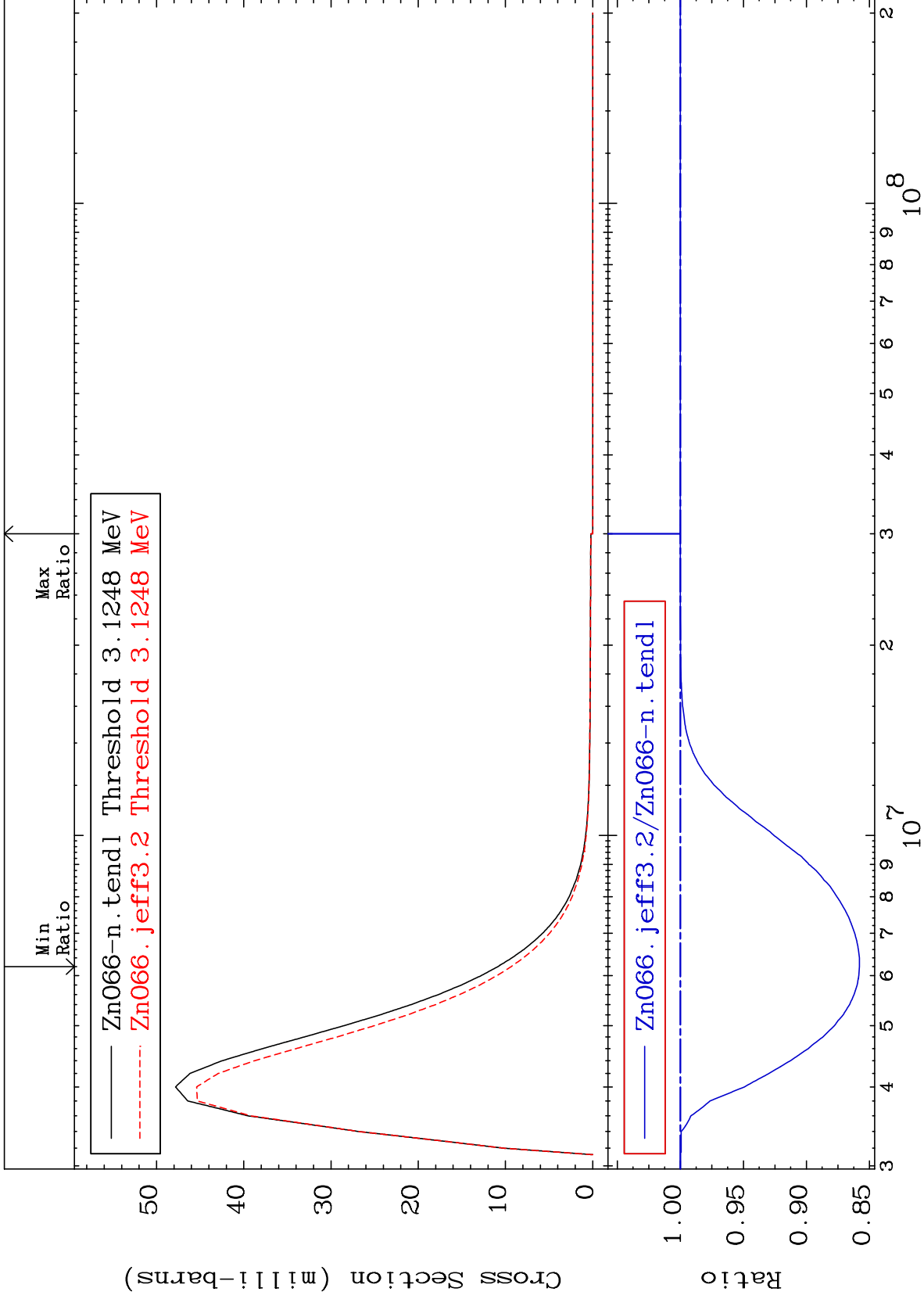
30-Zn-66  
-16.22 To 4.740 %



MAT 3031

3.078 MeV (n,n') Level  
Cross Section

30-Zn-66  
-14.20 To 0.000 %

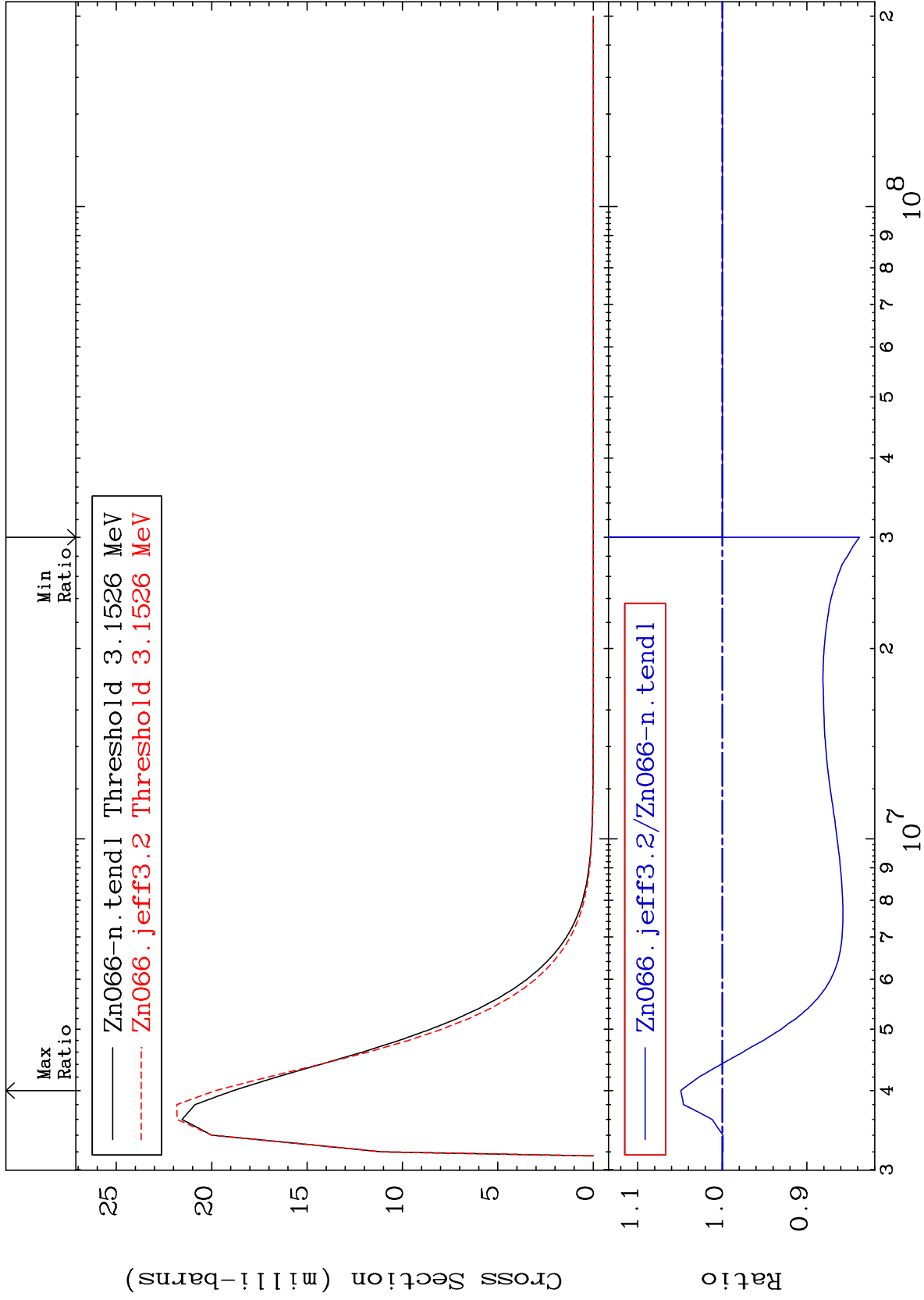


30

Incident Energy (eV)

30-Zn-66

MAT 3031      3.105 MeV (n,n') Level      30-Zn-66  
 Cross Section      -16.22 To 4.909 %

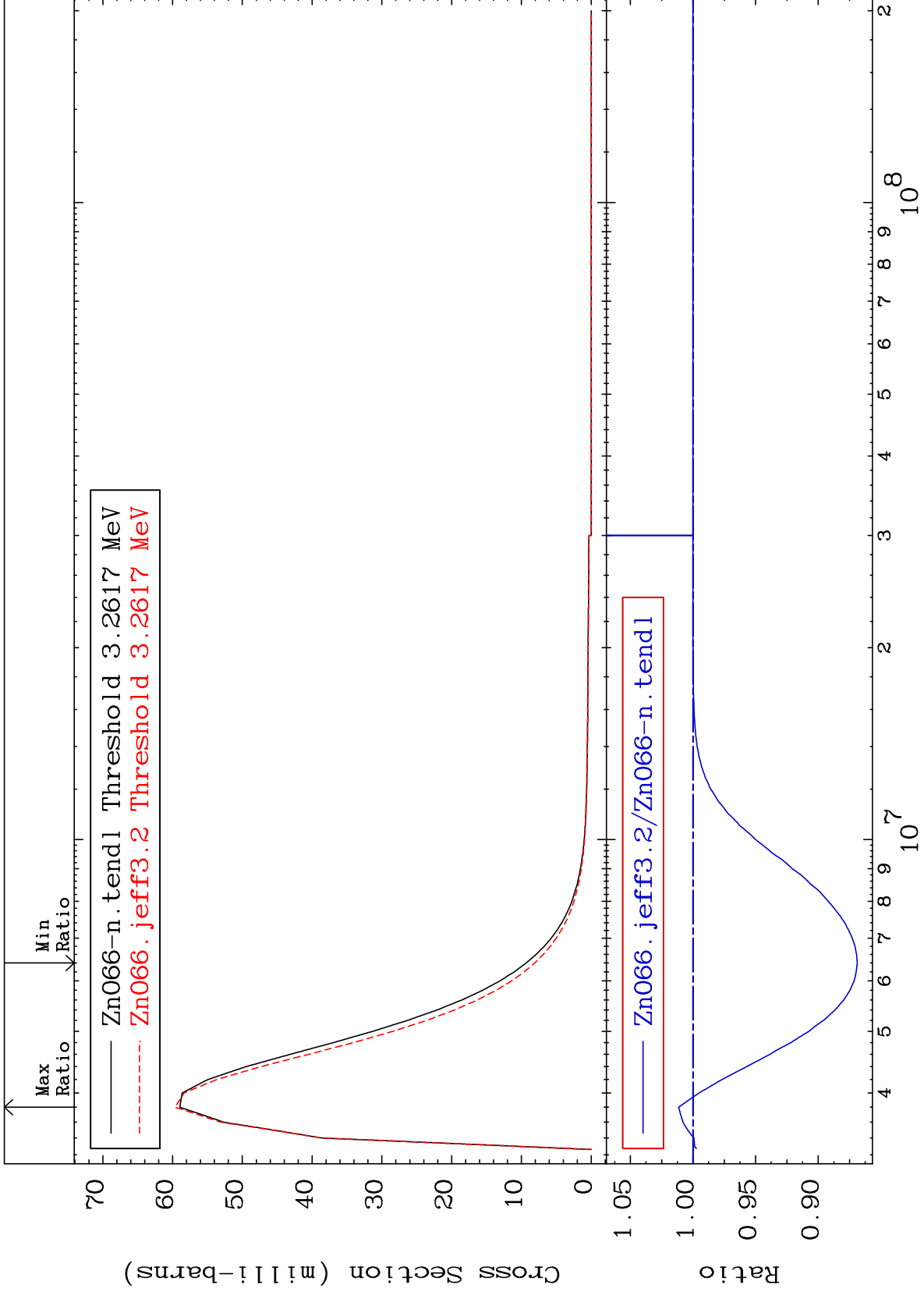


31      Incident Energy (eV)      30-Zn-66

MAT 3031

3.213 MeV (n,n') Level  
Cross Section

30-Zn-66  
-13.12 To 1.144 %

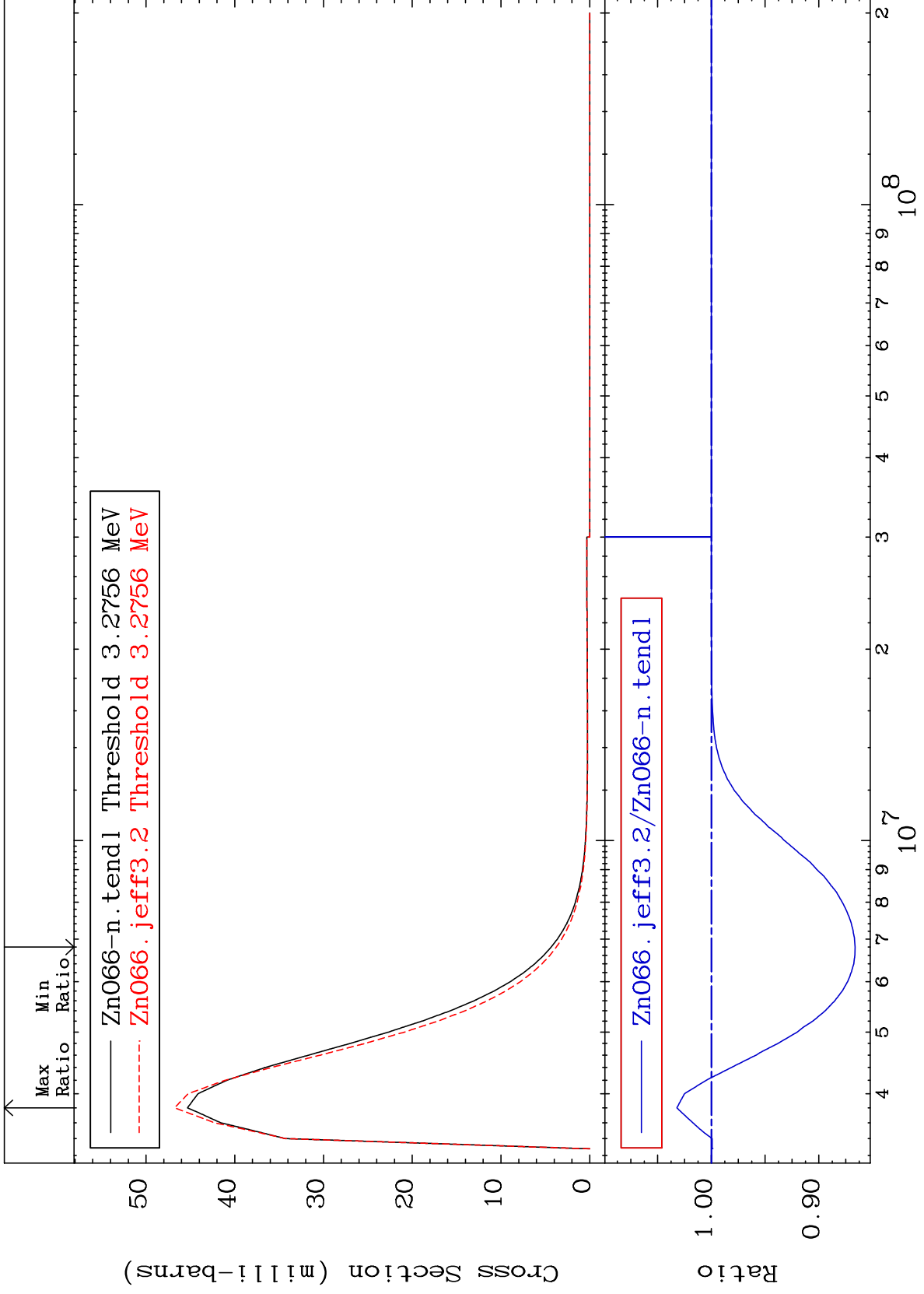




MAT 3031

3.226 MeV (n,n') Level  
Cross Section

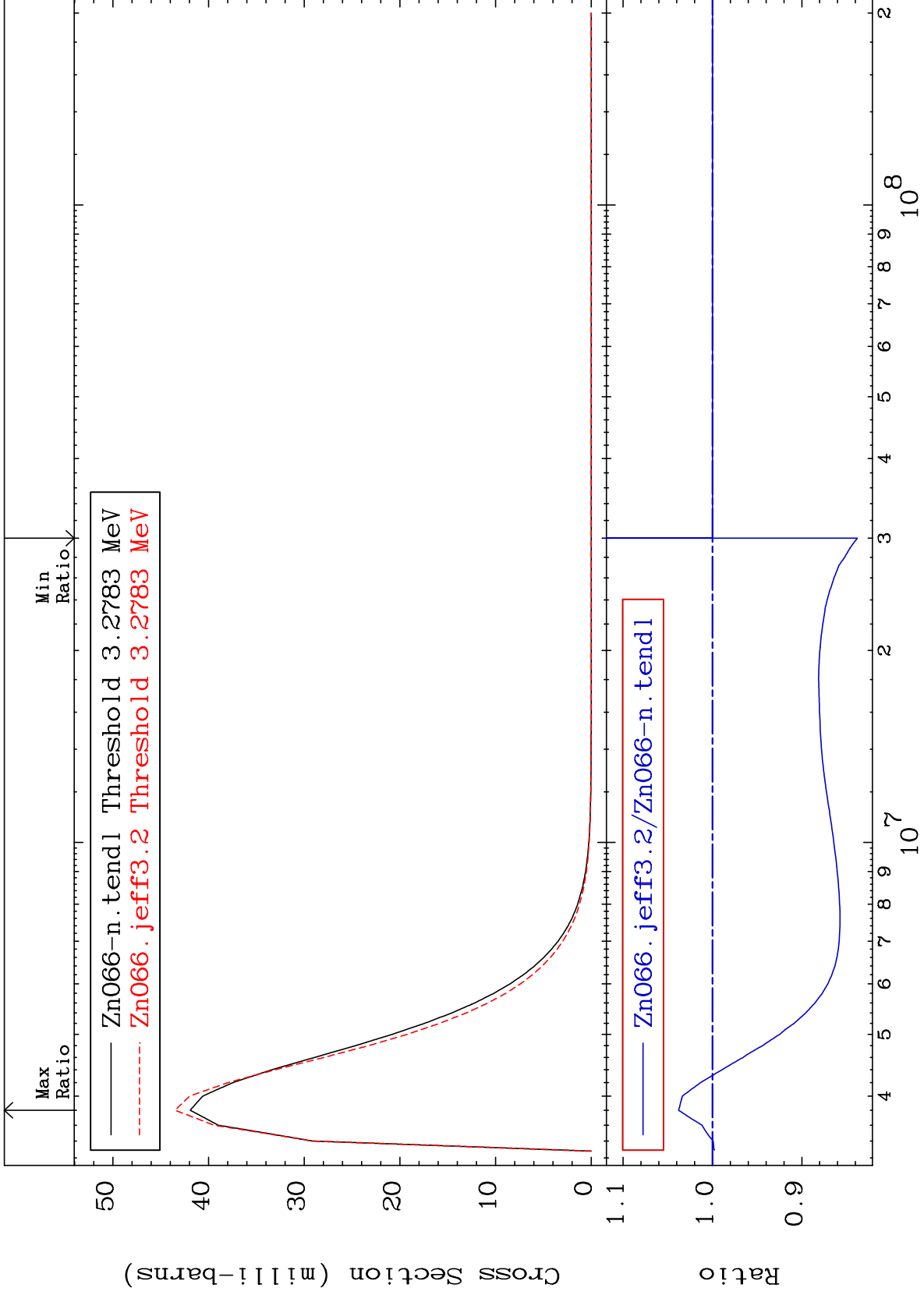
30-Zn-66  
-13.37 To 3.207 %



MAT 3031

3.229 MeV (n,n') Level  
Cross Section

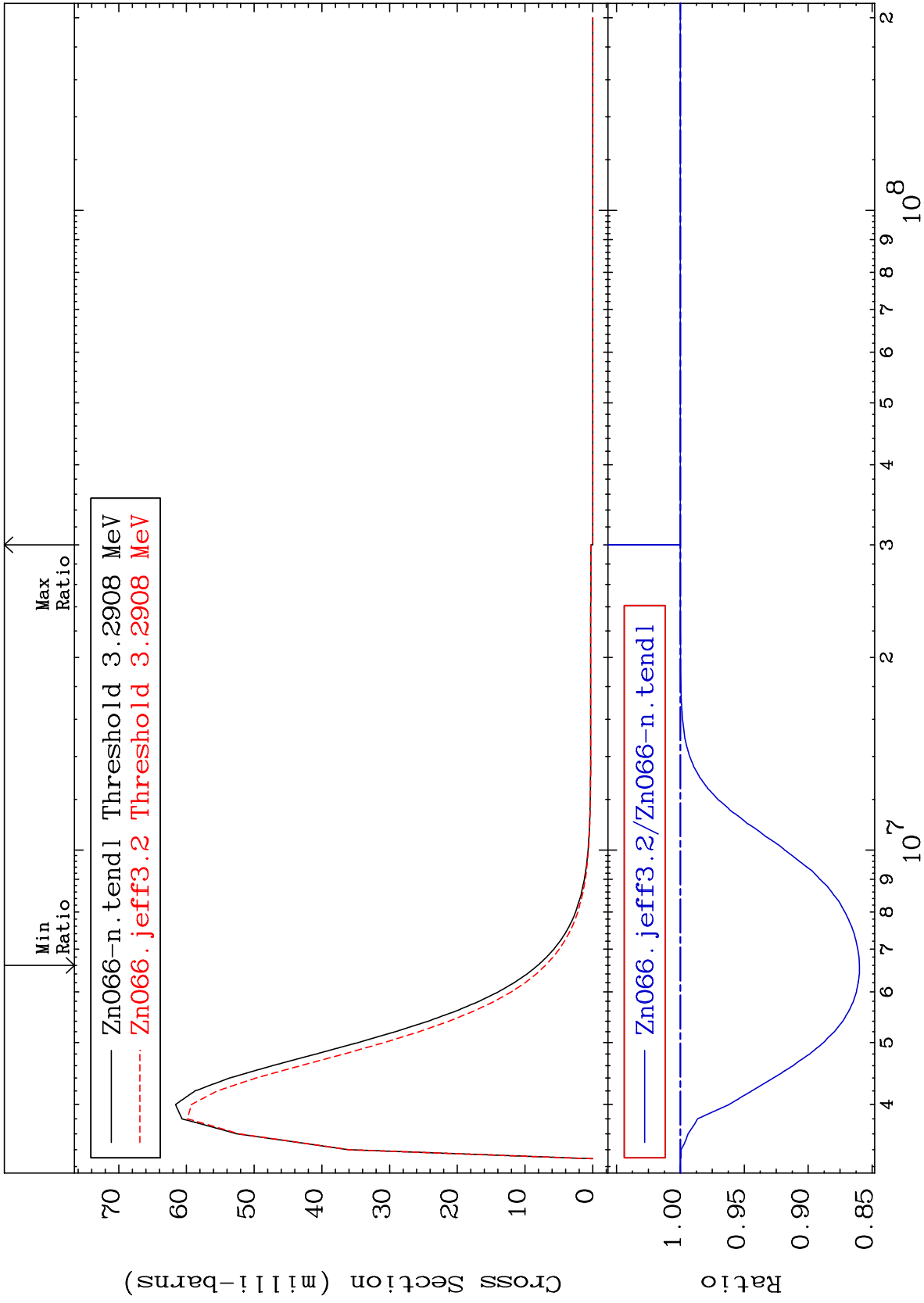
30-Zn-66  
-16.20 To 3.785 %



MAT 3031

3.241 MeV (n,n') Level  
Cross Section

30-Zn-66  
-14.01 To 0.000 %



35

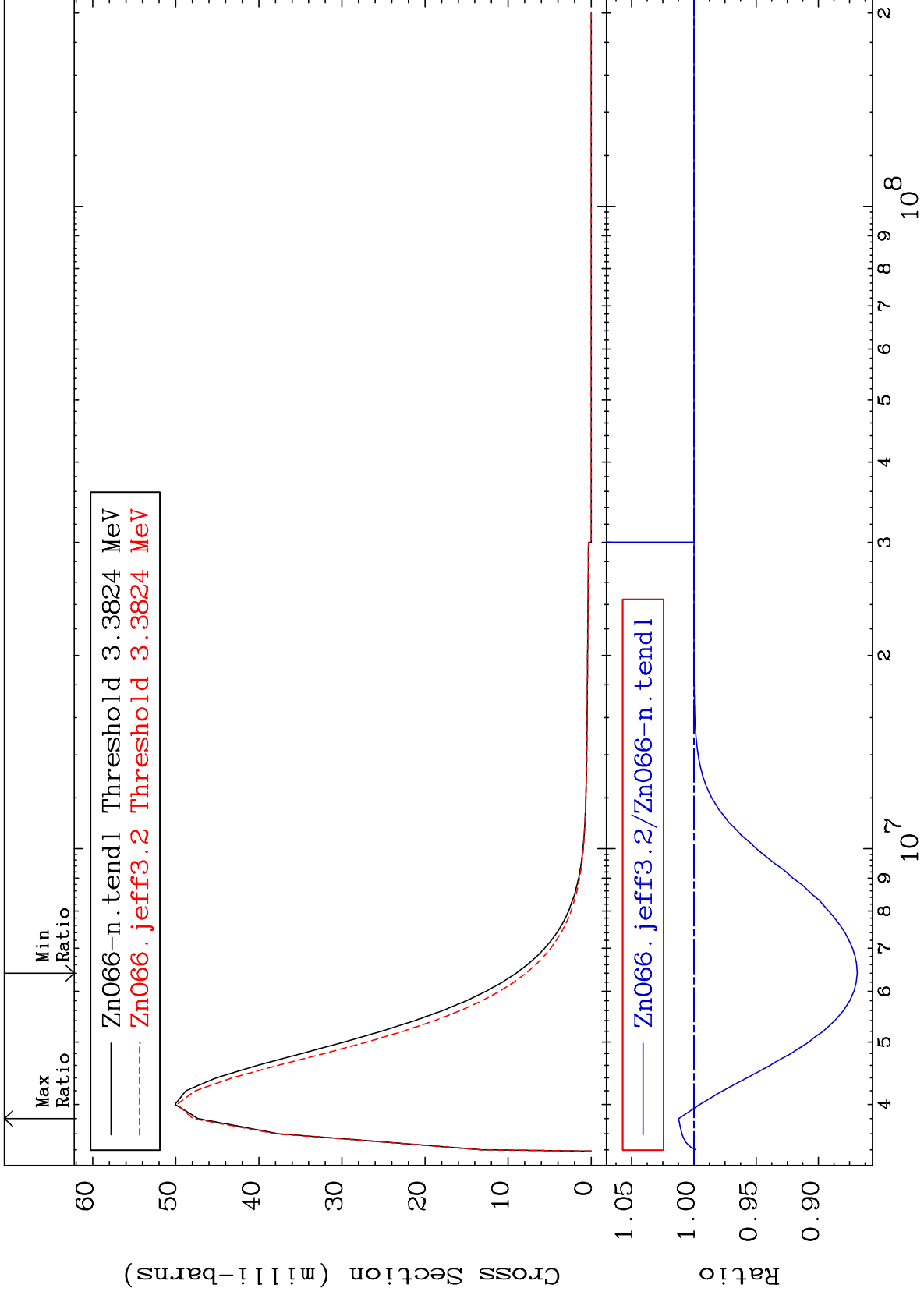
Incident Energy (eV)

30-Zn-66

MAT 3031

3.331 MeV (n,n') Level  
Cross Section

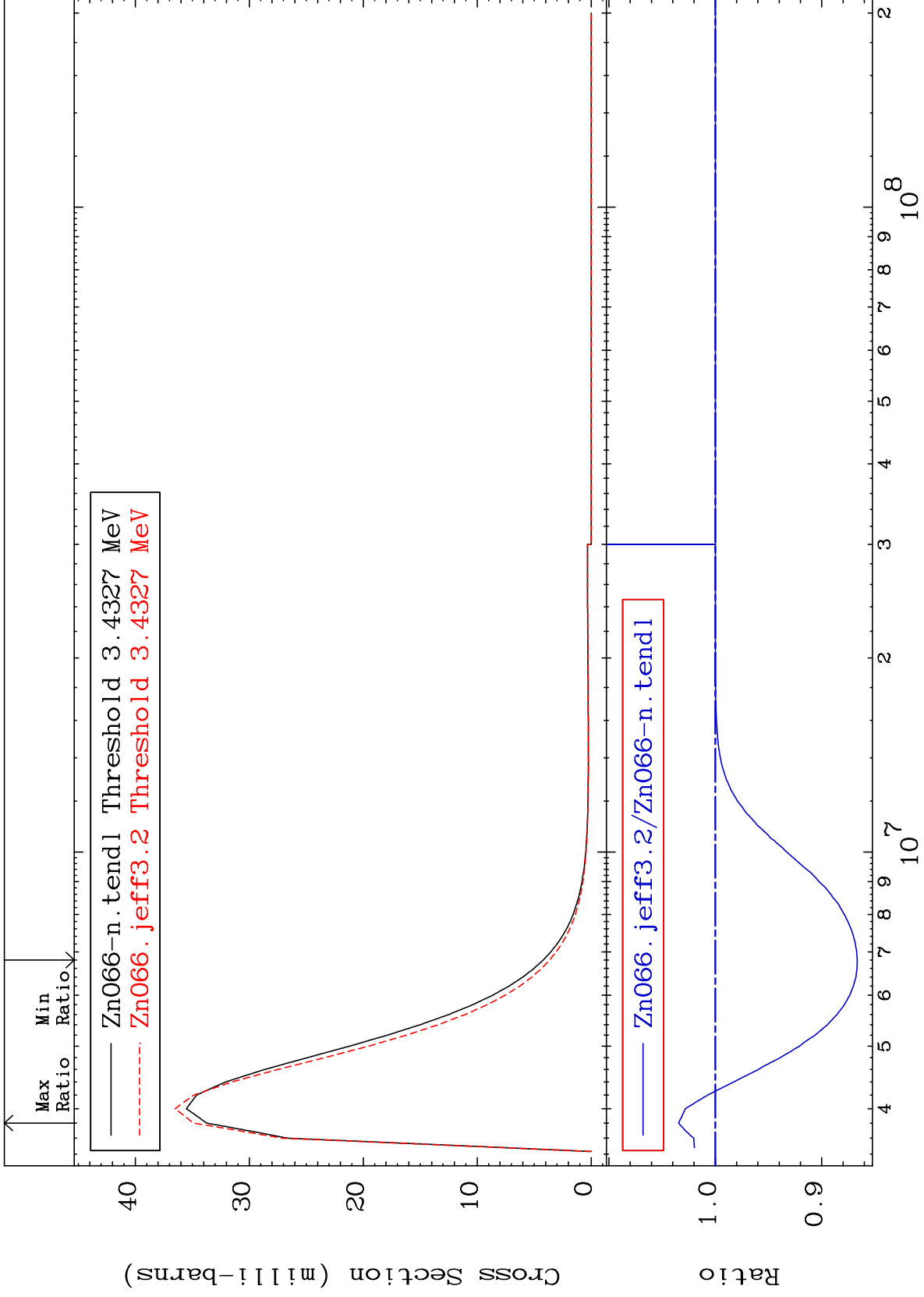
30-Zn-66  
-13.12 To 1.225 %



MAT 3031

3.381 MeV (n,n') Level  
Cross Section

30-Zn-66  
-13.34 To 3.446 %



37

30-Zn-66

30-Zn-66

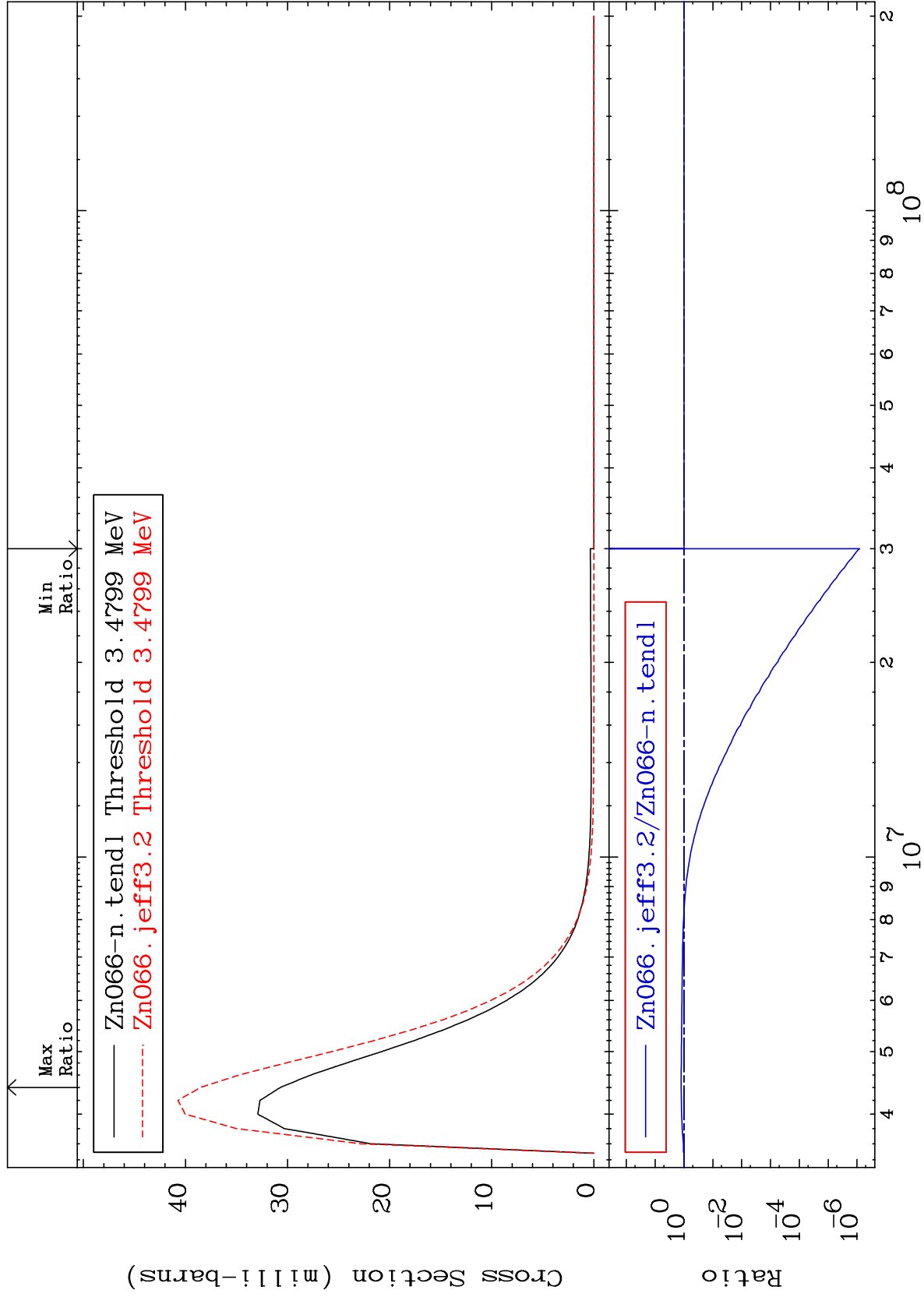
MAT 3031

3.427 MeV (n,n') Level

30-Zn-66

-100.0 To 25.50 %

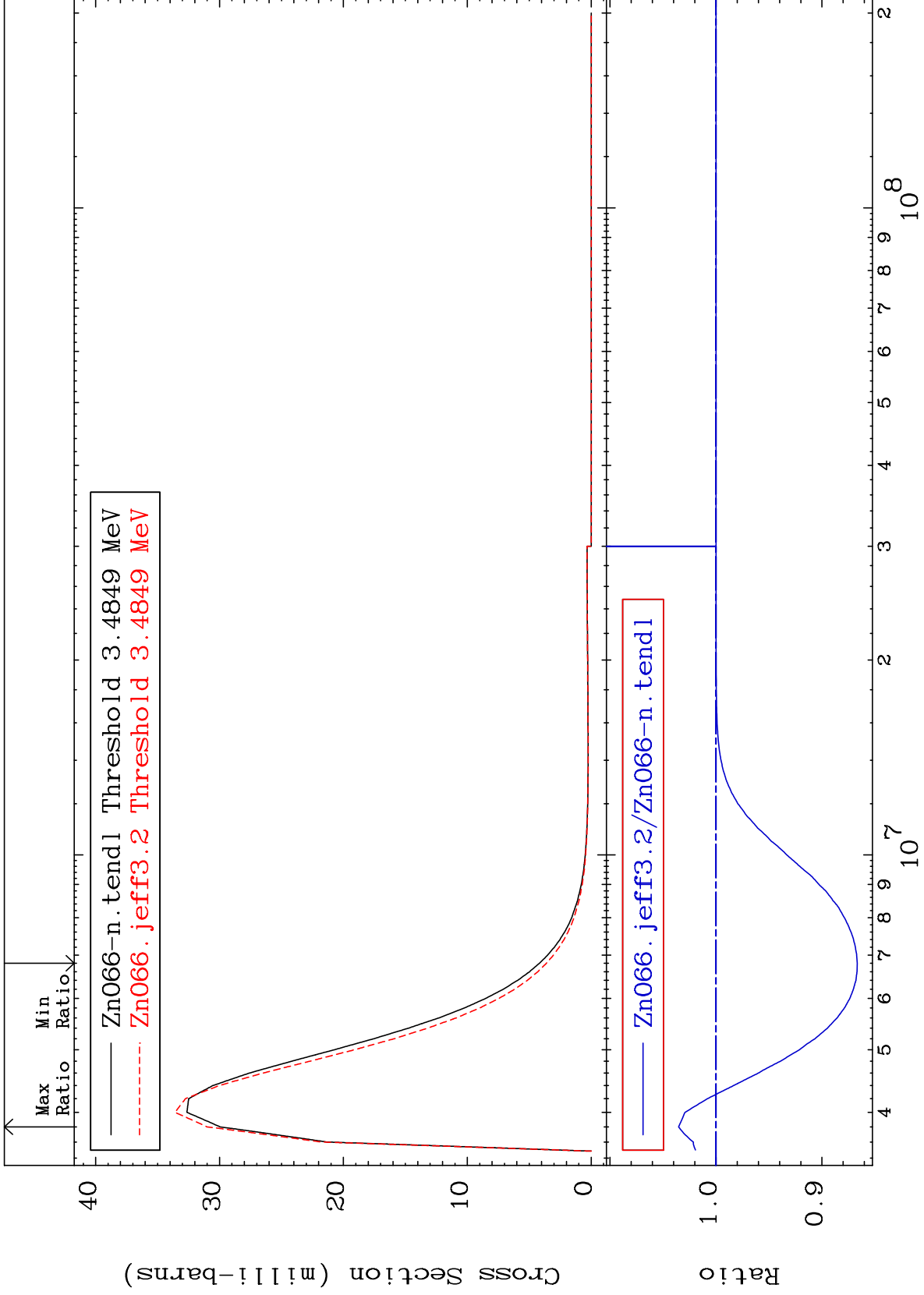
Cross Section



MAT 3031

3.432 MeV (n,n') Level  
Cross Section

30-Zn-66  
-13.33 To 3.525 %



39

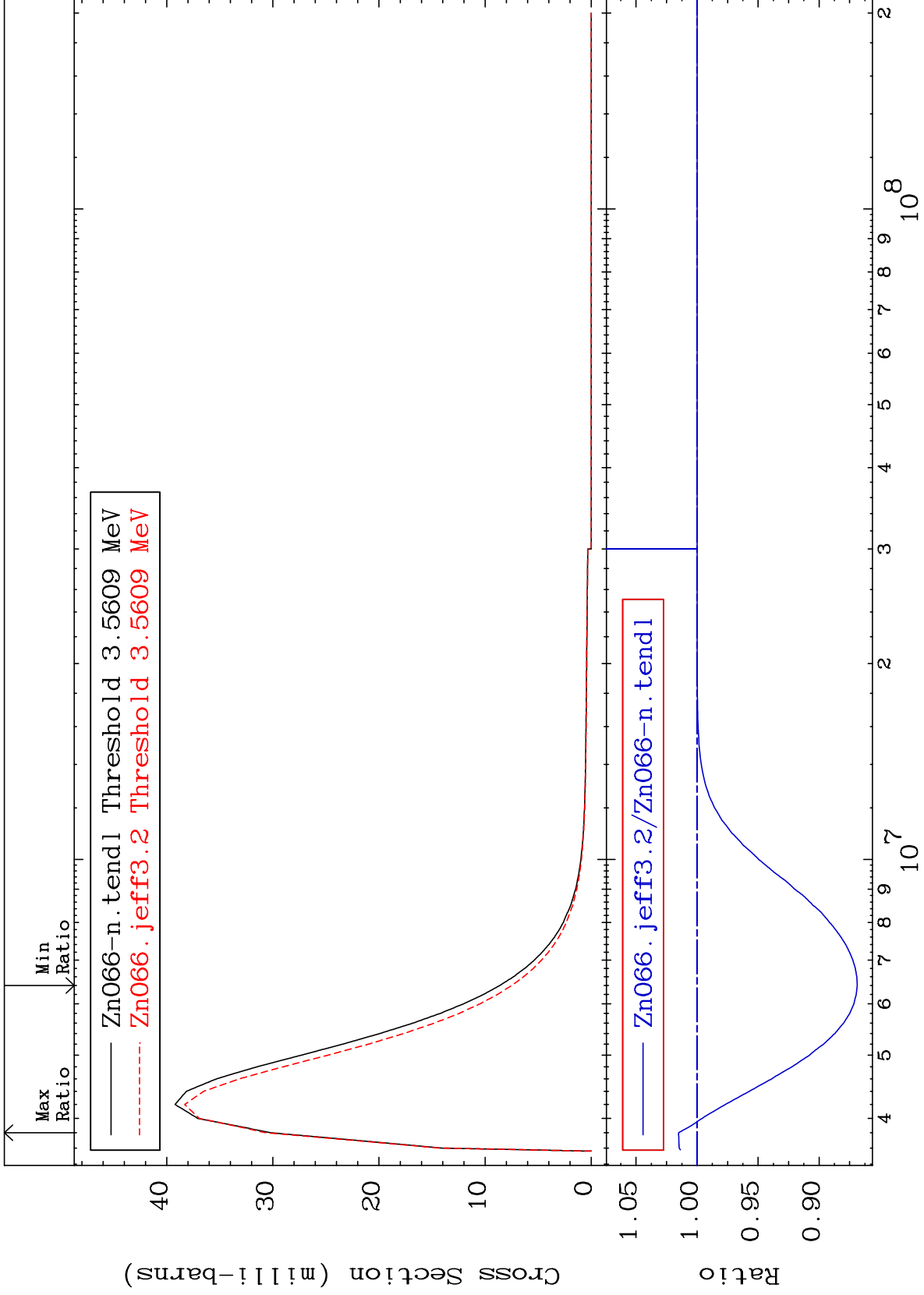
Incident Energy (eV)

30-Zn-66

MAT 3031

3.507 MeV (n,n') Level  
Cross Section

30-Zn-66  
-13.13 To 1.511 %



40

30-Zn-66

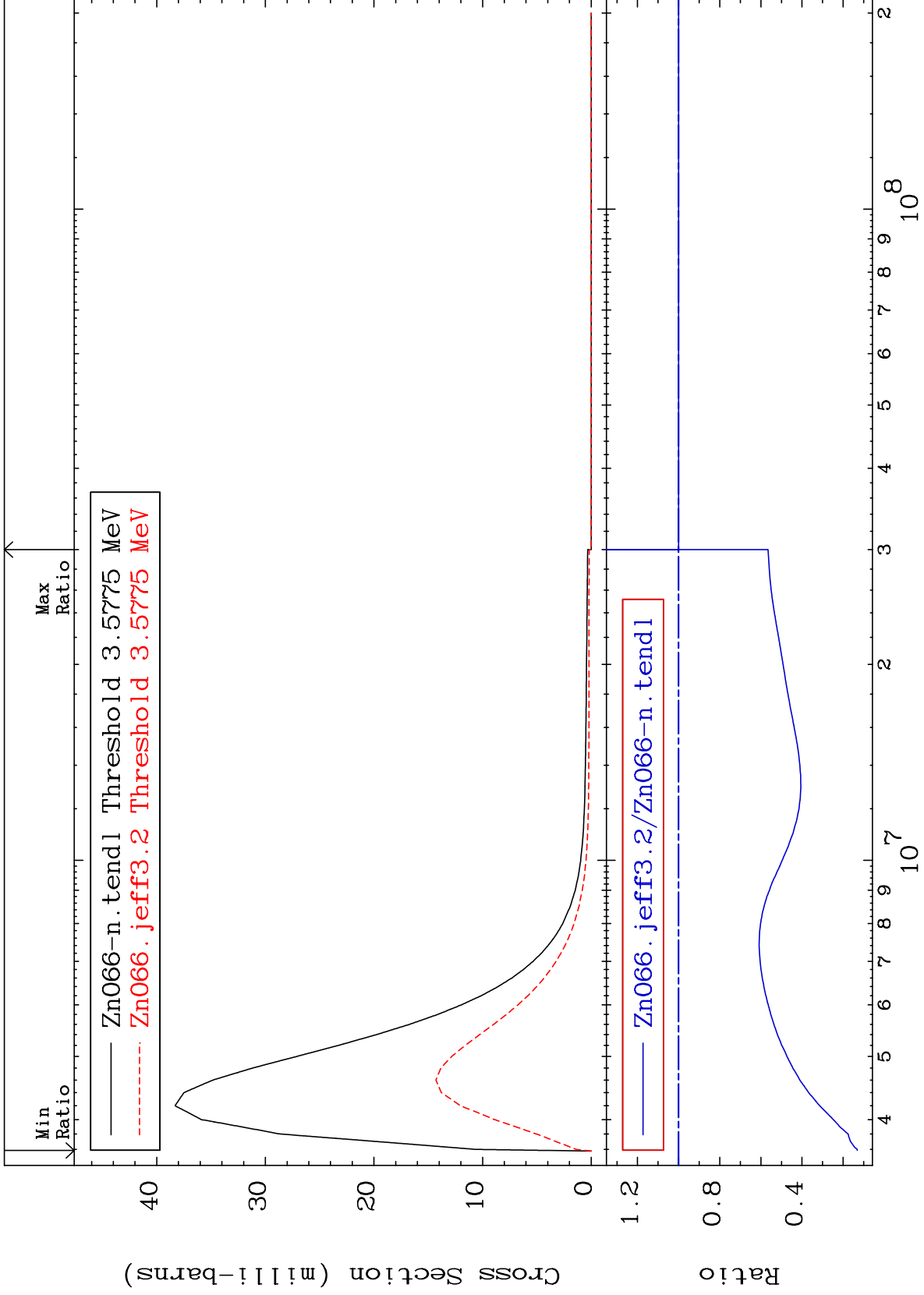
30-Zn-66



MAT 3031

3.524 MeV (n,n') Level  
Cross Section

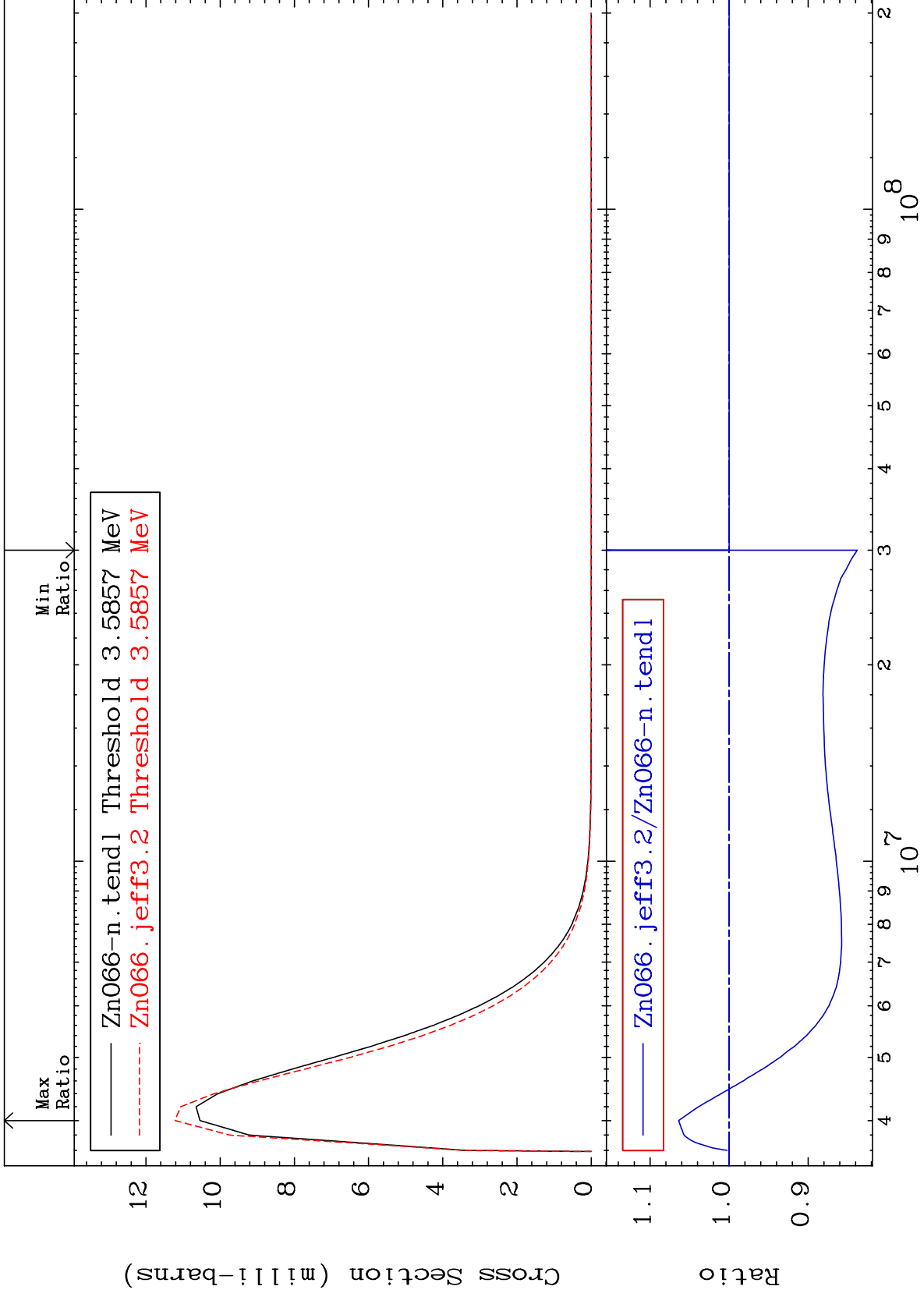
30-Zn-66  
-86.87 To 0.000 %



MAT 3031

3.532 MeV (n,n') Level  
Cross Section

30-Zn-66  
-16.21 To 6.378 %



42

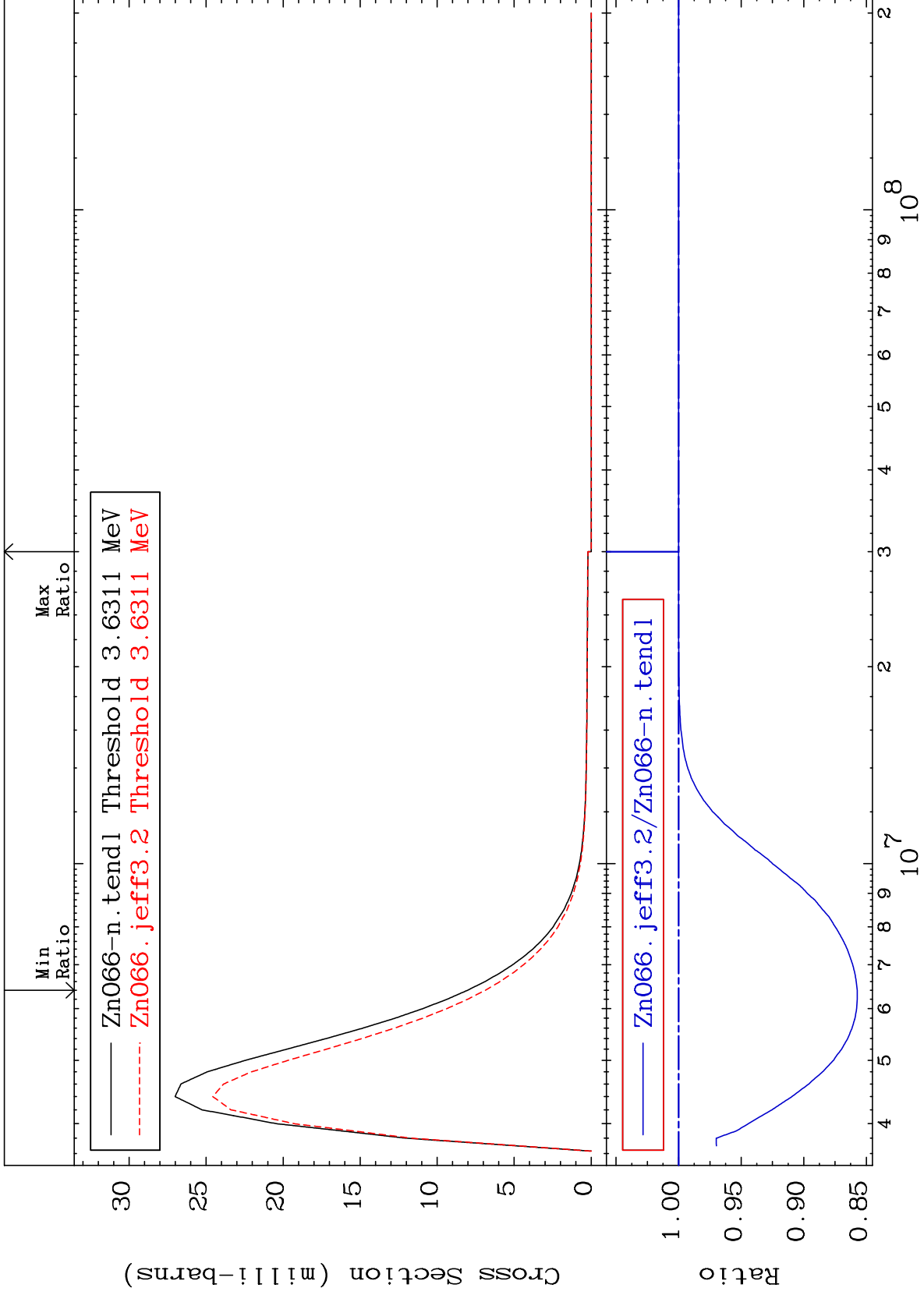
Incident Energy (eV)

30-Zn-66

MAT 3031

3.576 MeV (n,n') Level  
Cross Section

30-Zn-66  
-14.27 To 0.000 %



43

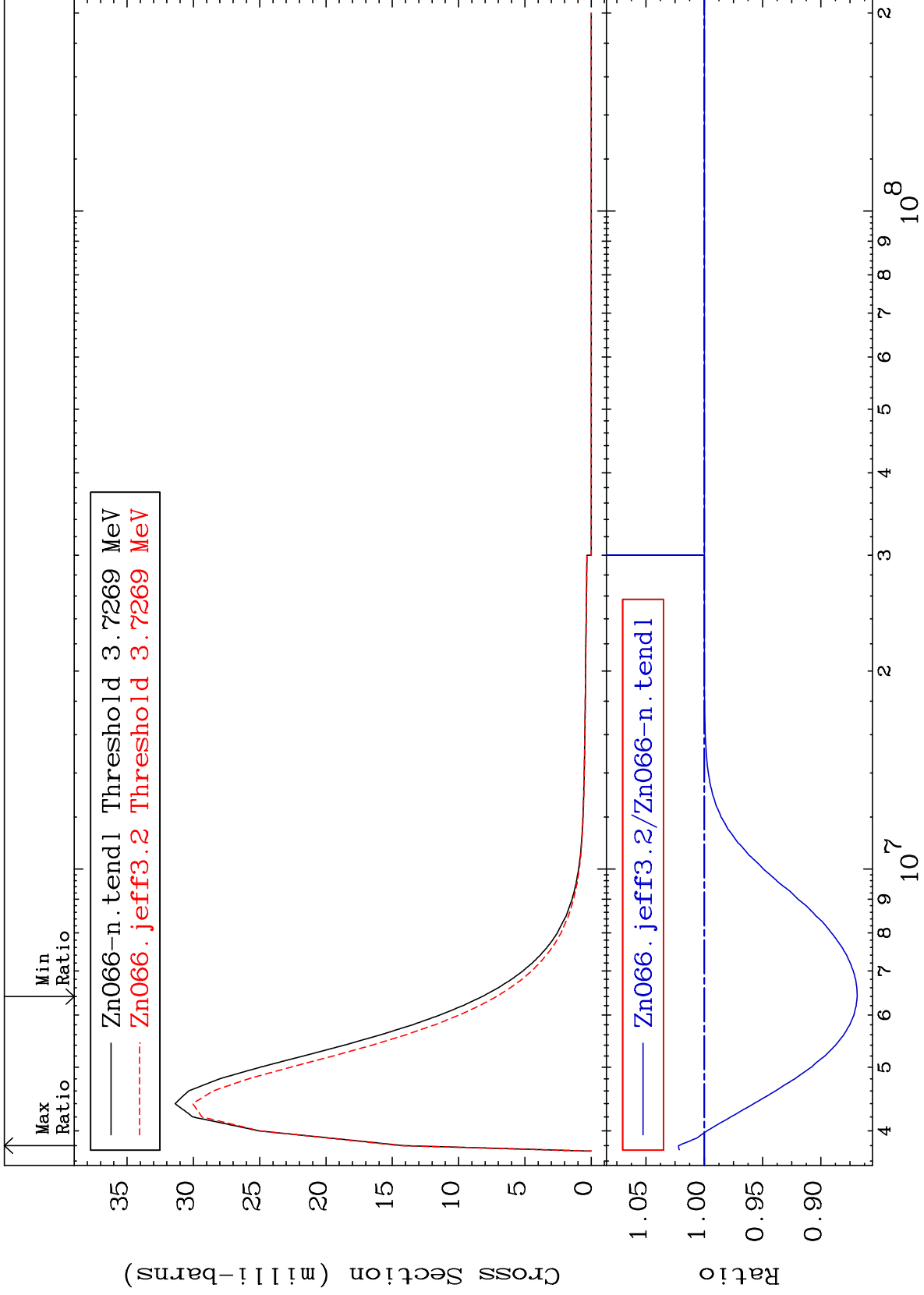
Incident Energy (eV)

30-Zn-66

MAT 3031

3.671 MeV (n,n') Level  
Cross Section

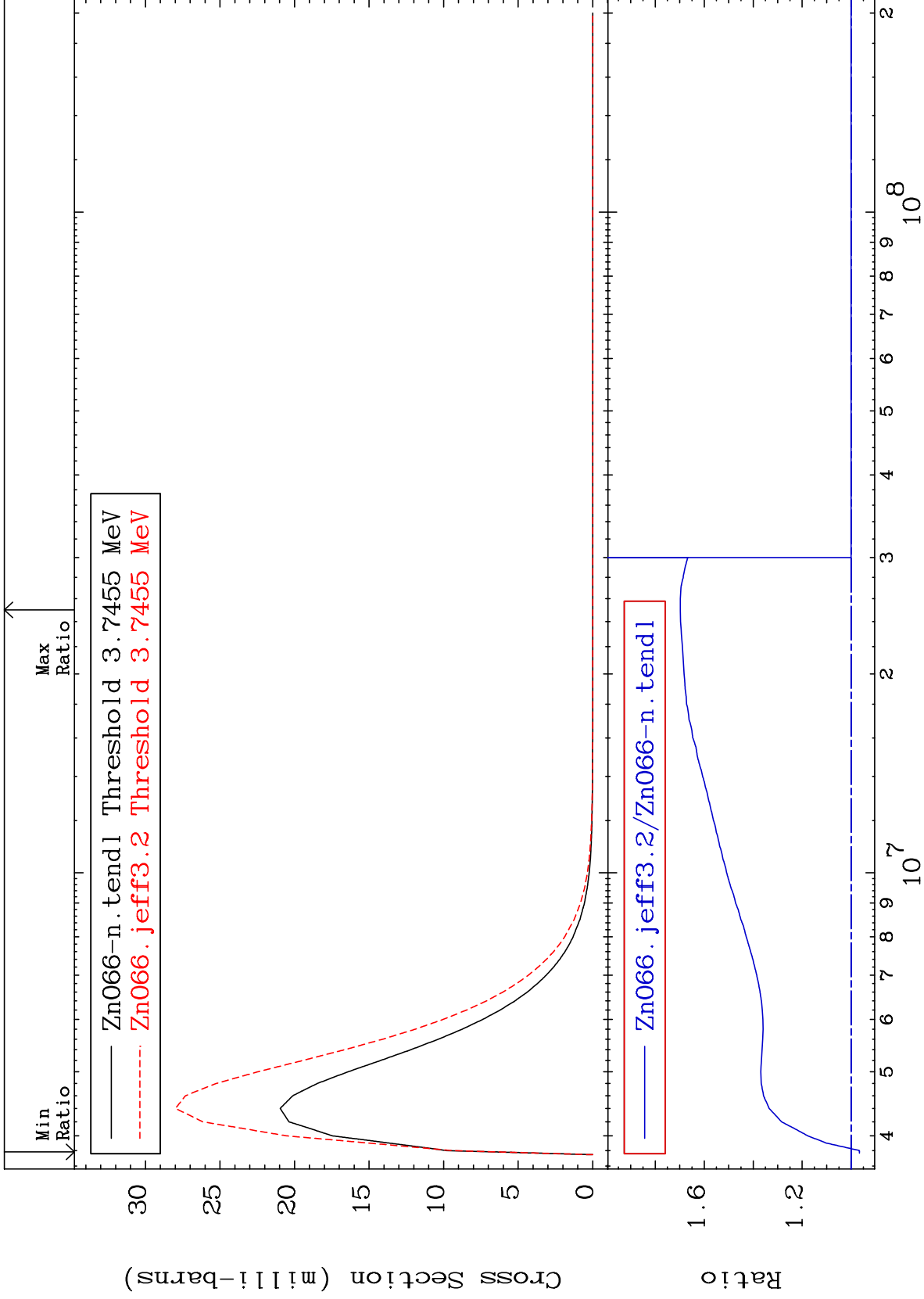
30-Zn-66  
-13.13 To 2.201 %



MAT 3031

3.689 MeV (n,n') Level  
Cross Section

30-Zn-66  
-3.366 To 69.73 %



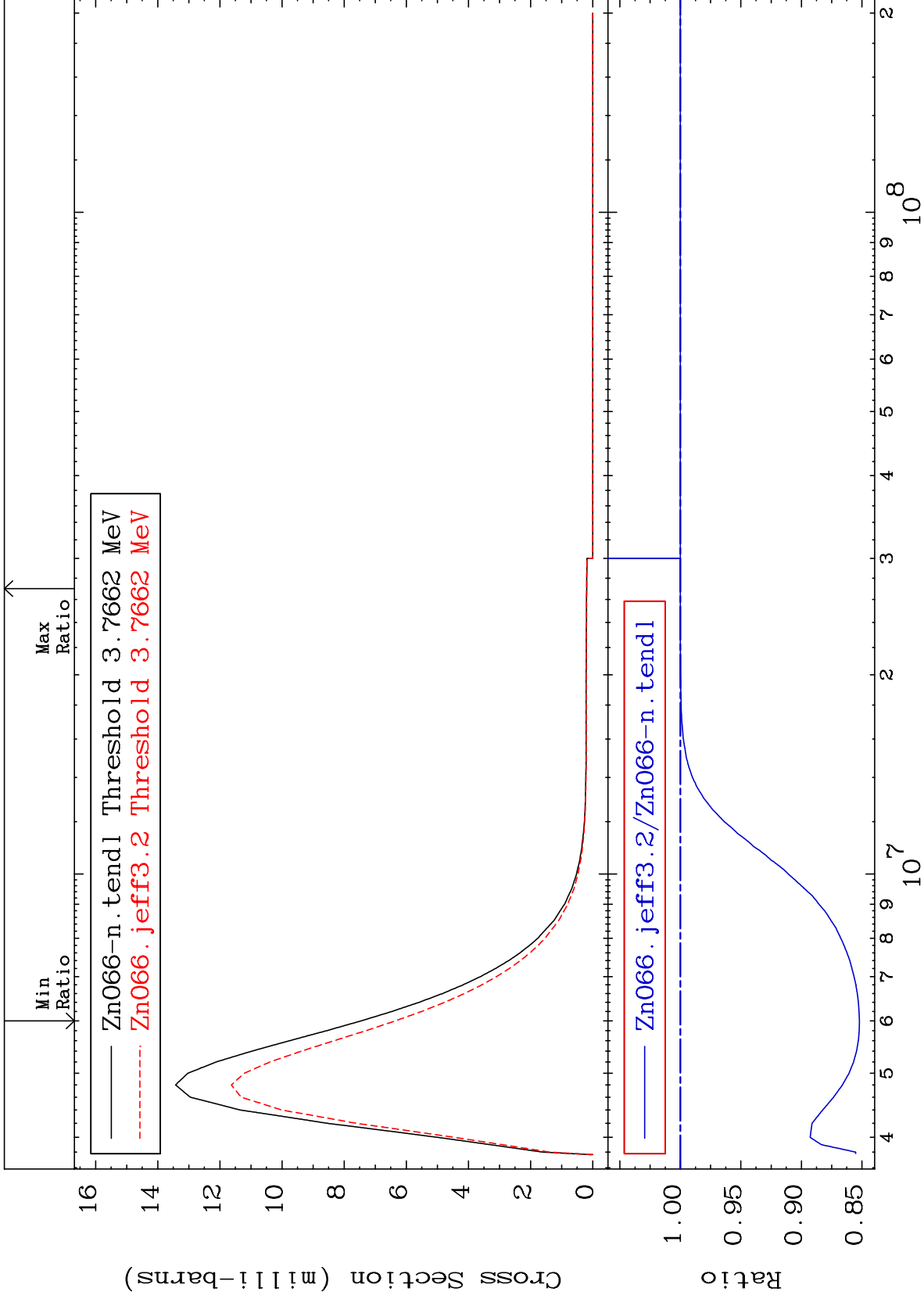
45

30-Zn-66

MAT 3031

3.709 MeV (n,n') Level  
Cross Section

30-Zn-66  
-14.79 To 0.000 %



46

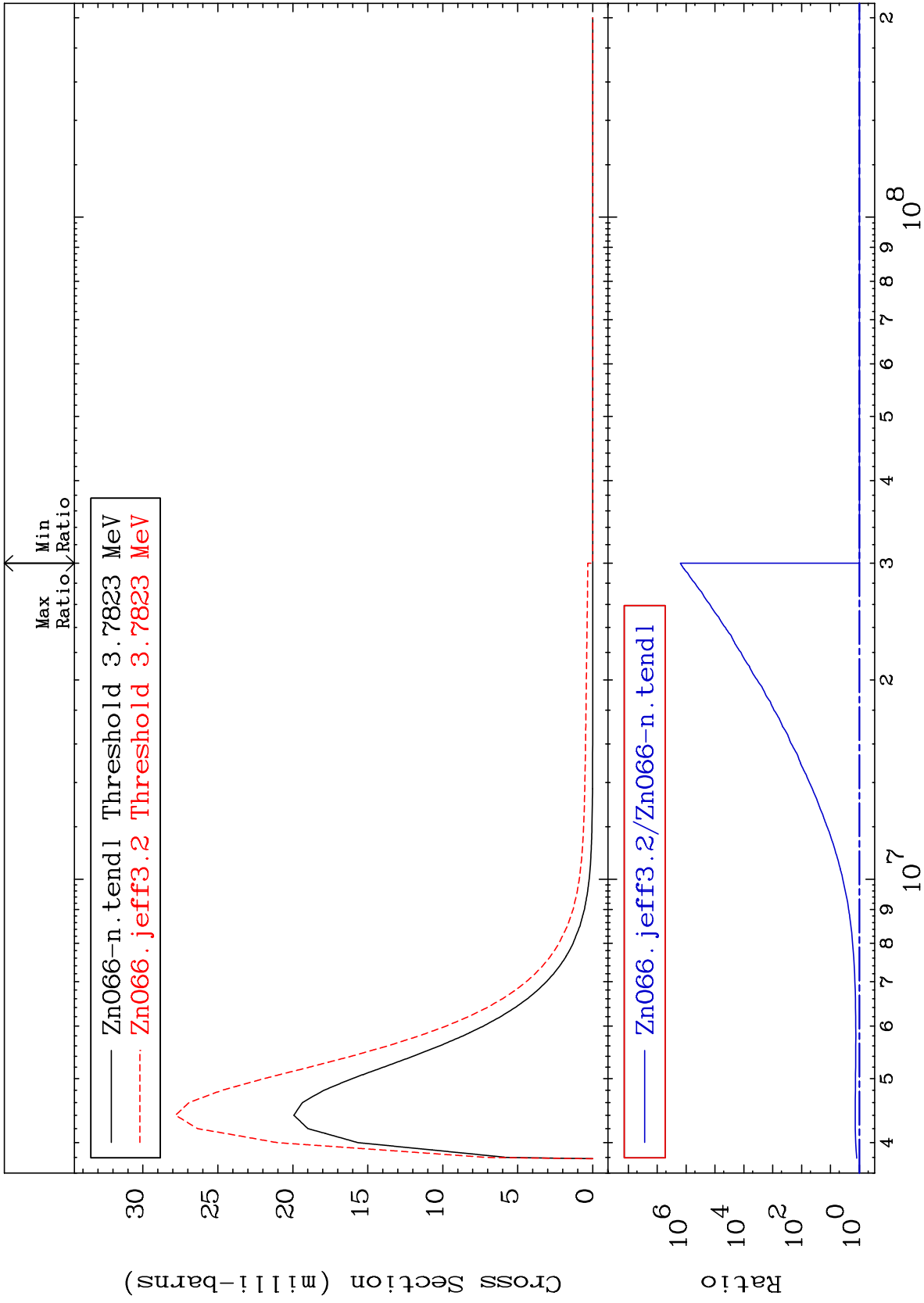
30-Zn-66

30-Zn-66

MAT 3031

3.725 MeV (n,n') Level  
Cross Section

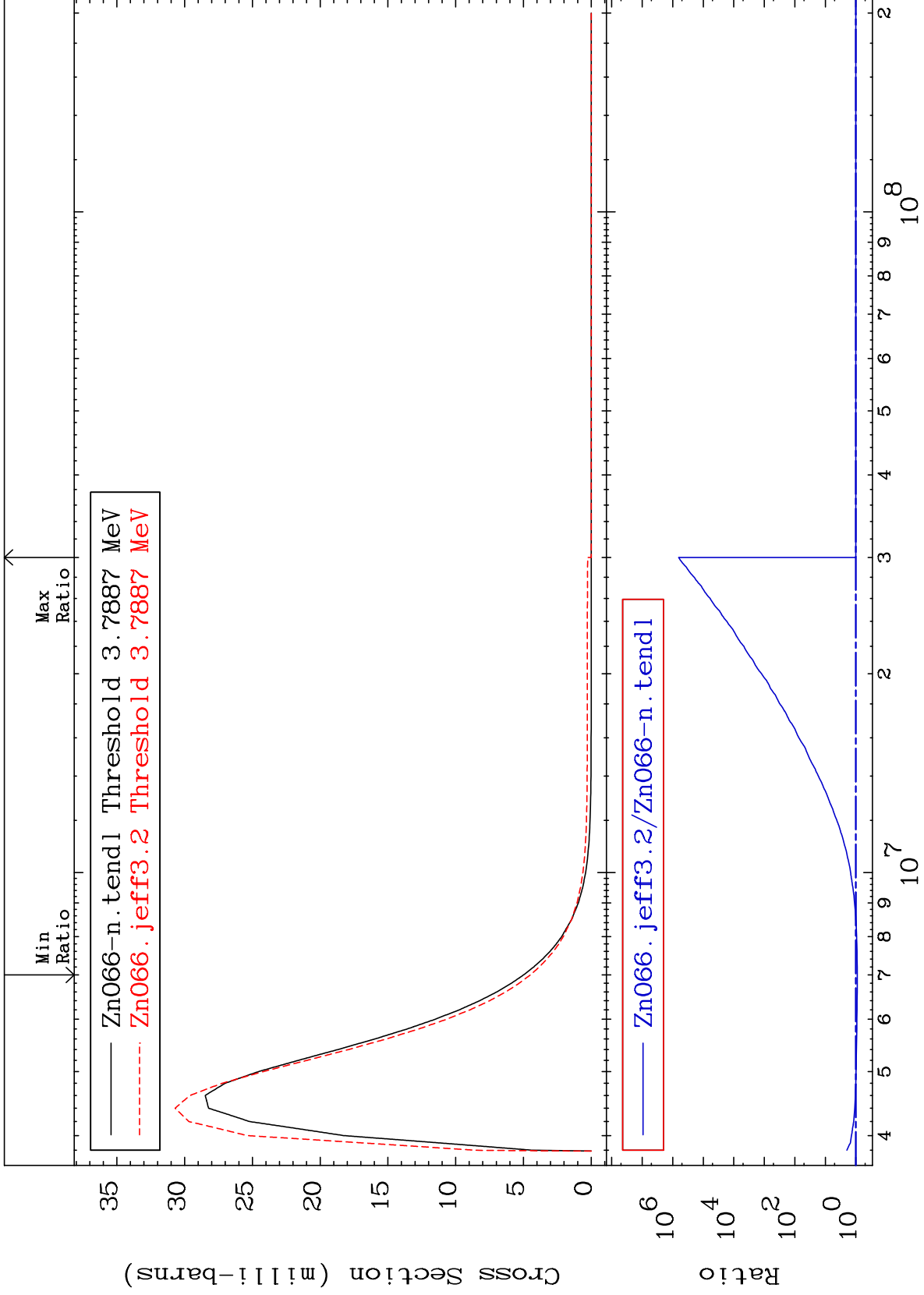
0.000 To 9999. %  
30-Zn-66



MAT 3031

3.732 MeV (n,n') Level  
Cross Section

30-Zn-66  
-9.856 To 9999. %

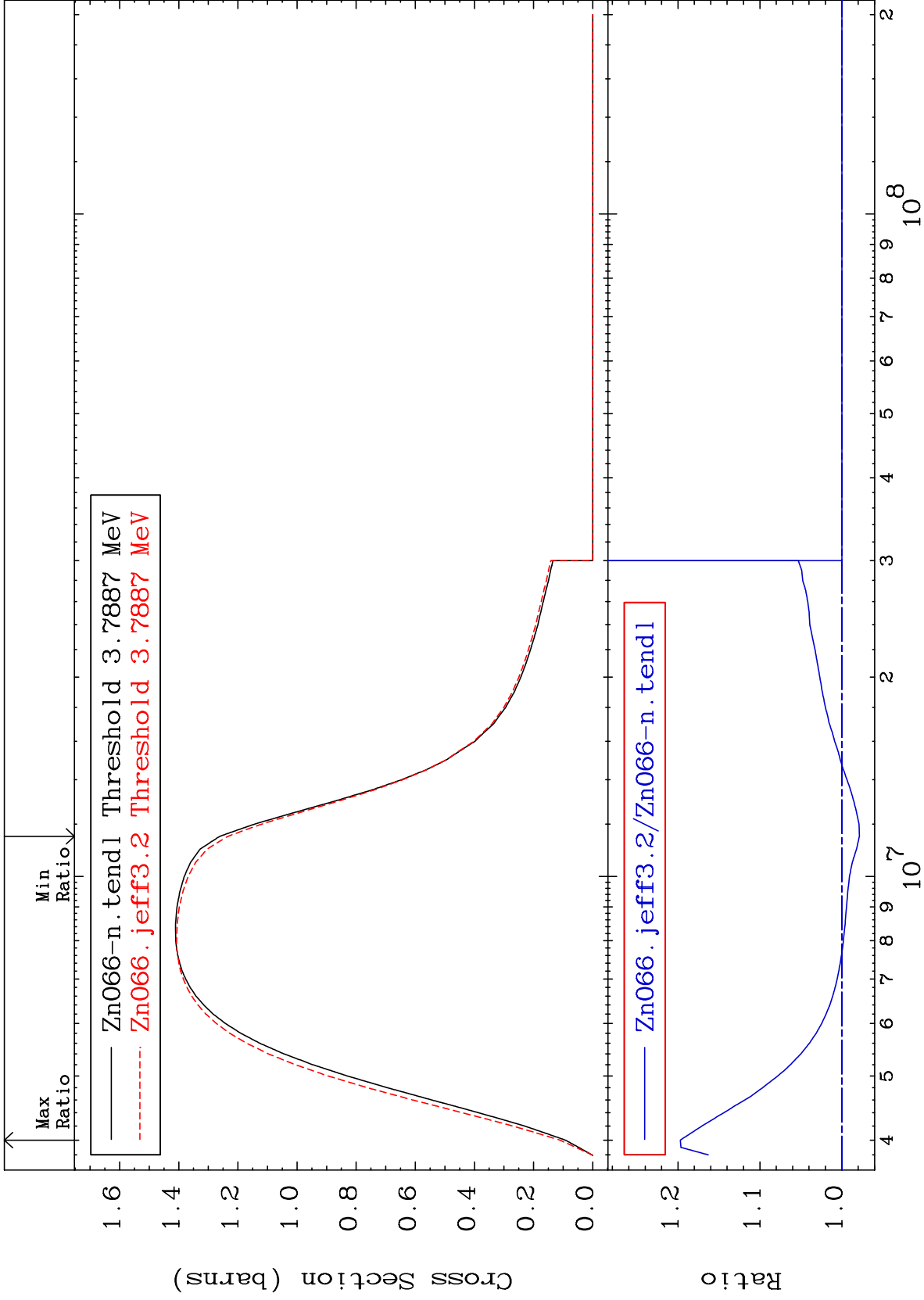




MAT 3031

(n,n') Continuum  
Cross Section

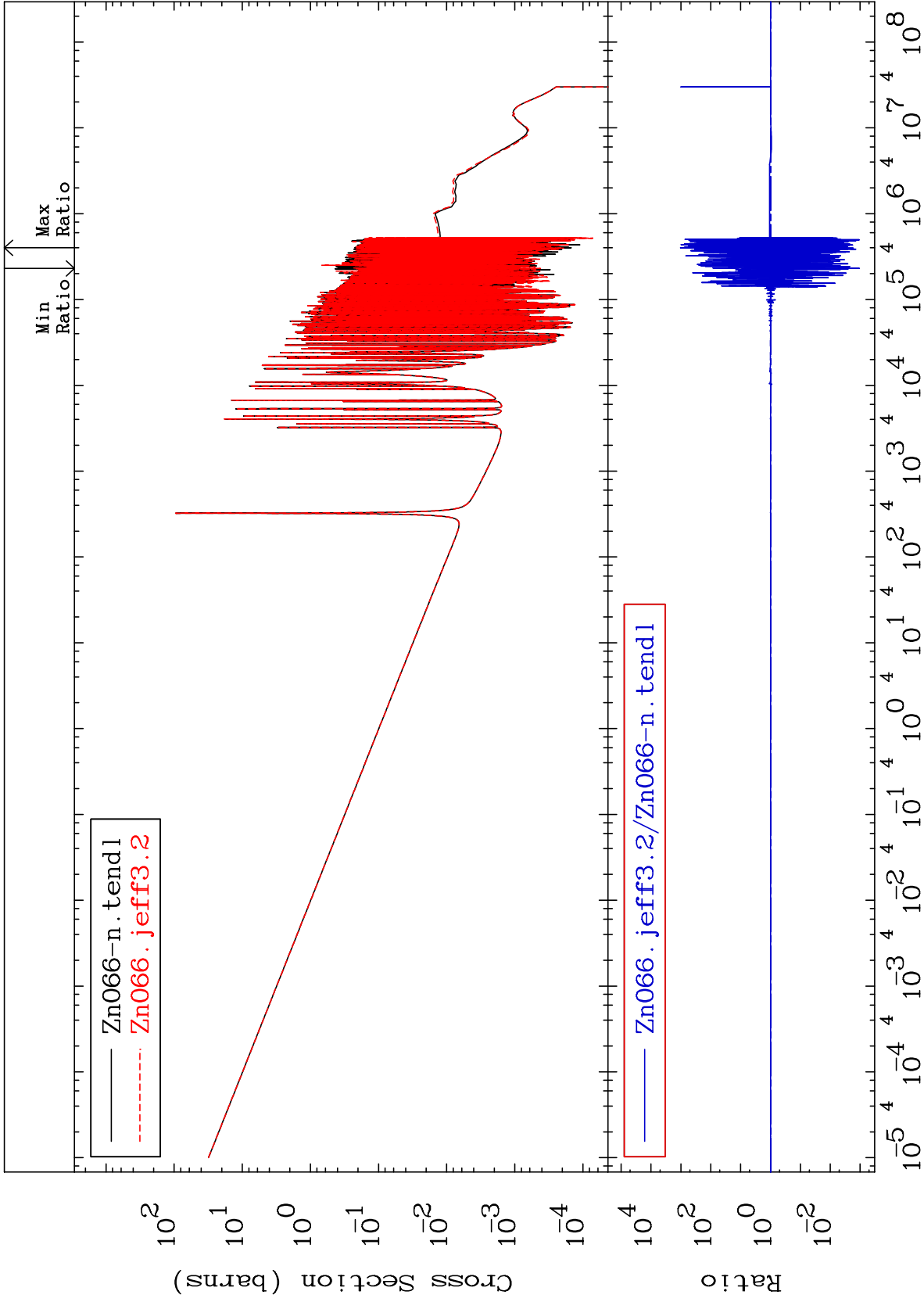
30-Zn-66  
-2.150 To 19.71 %



MAT 3031

(n,  $\gamma$ )  
Cross Section

30-Zn-66  
-99.89 To 9999. %



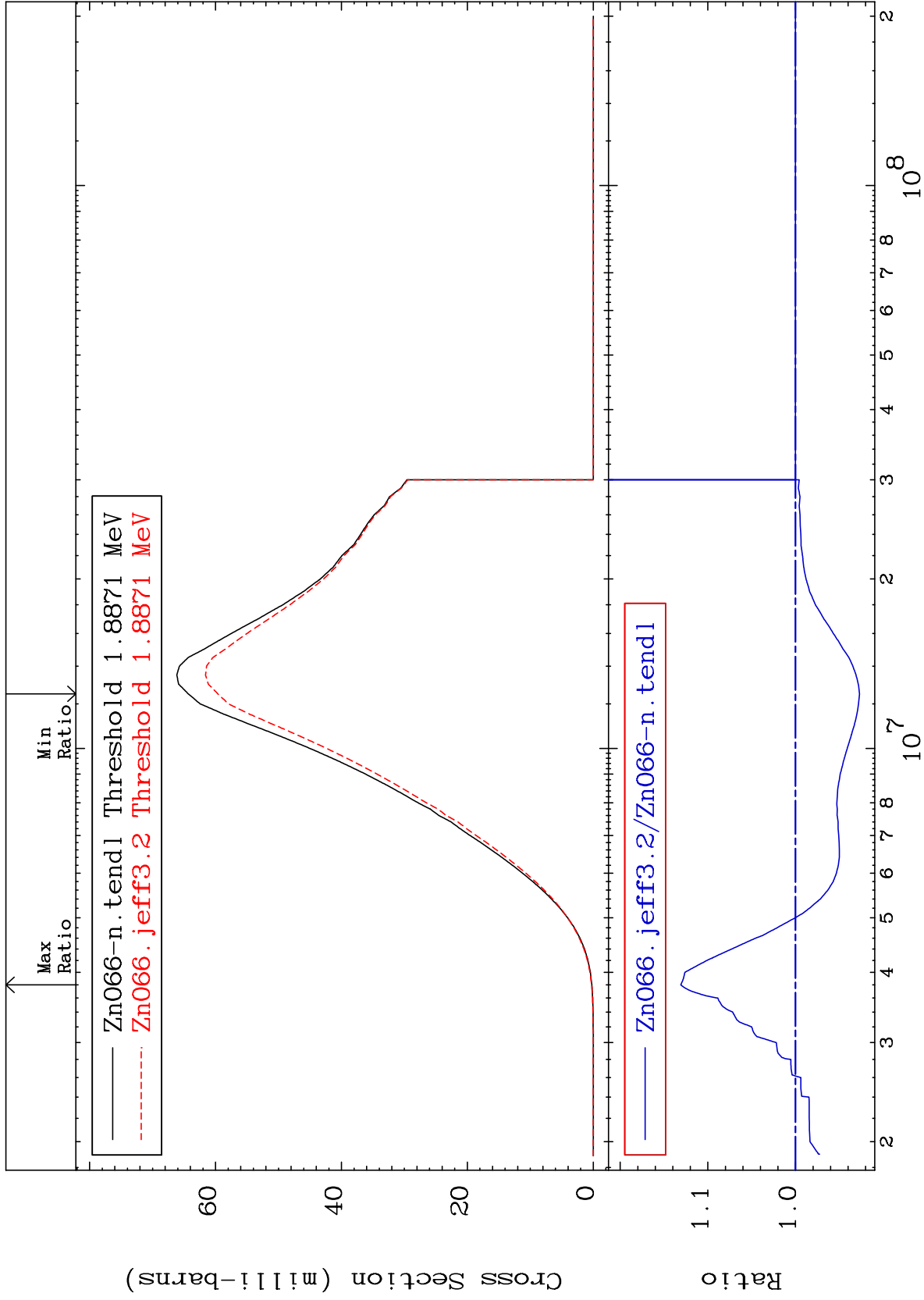
MAT 3031

(n,p)

30-Zn-66

Cross Section

-7.307 To 13.09 %



51

Incident Energy (eV)

30-Zn-66

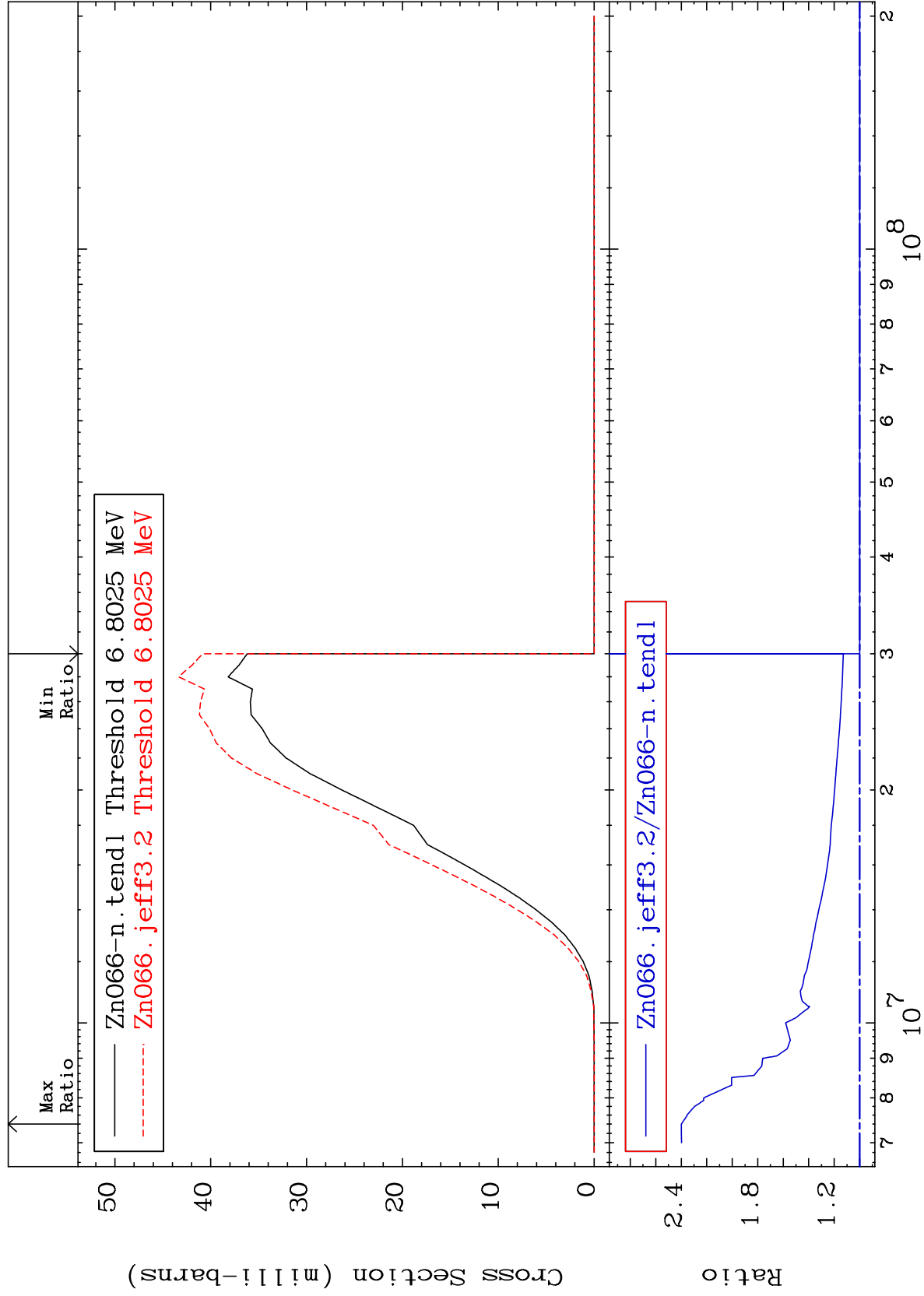
MAT 3031

(n, d)

30-Zn-66

Cross Section

0.000 To 139.9 %



MAT 3031

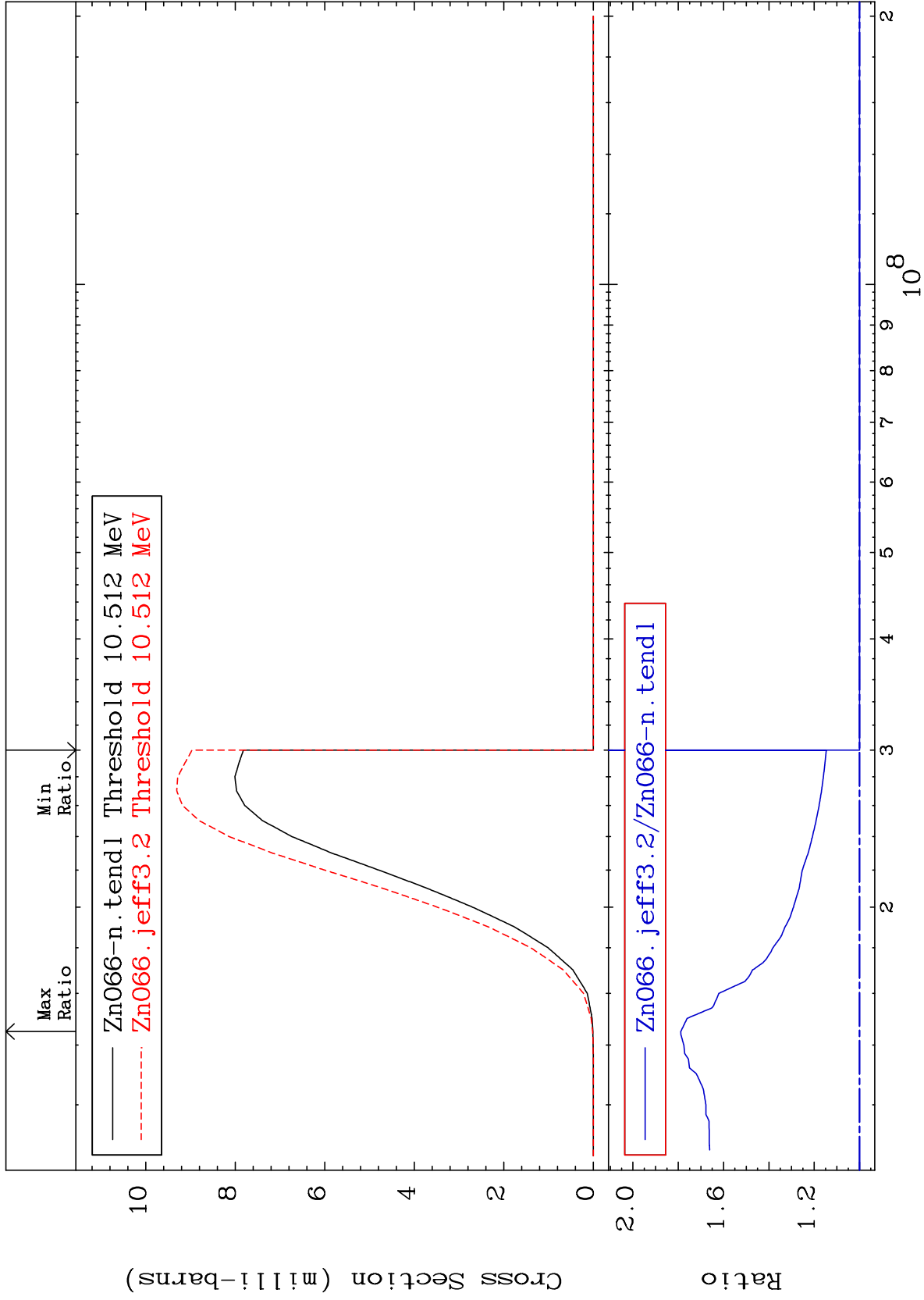
(n, t)

30-Zn-66

Cross Section

0.000

To 78.89 %



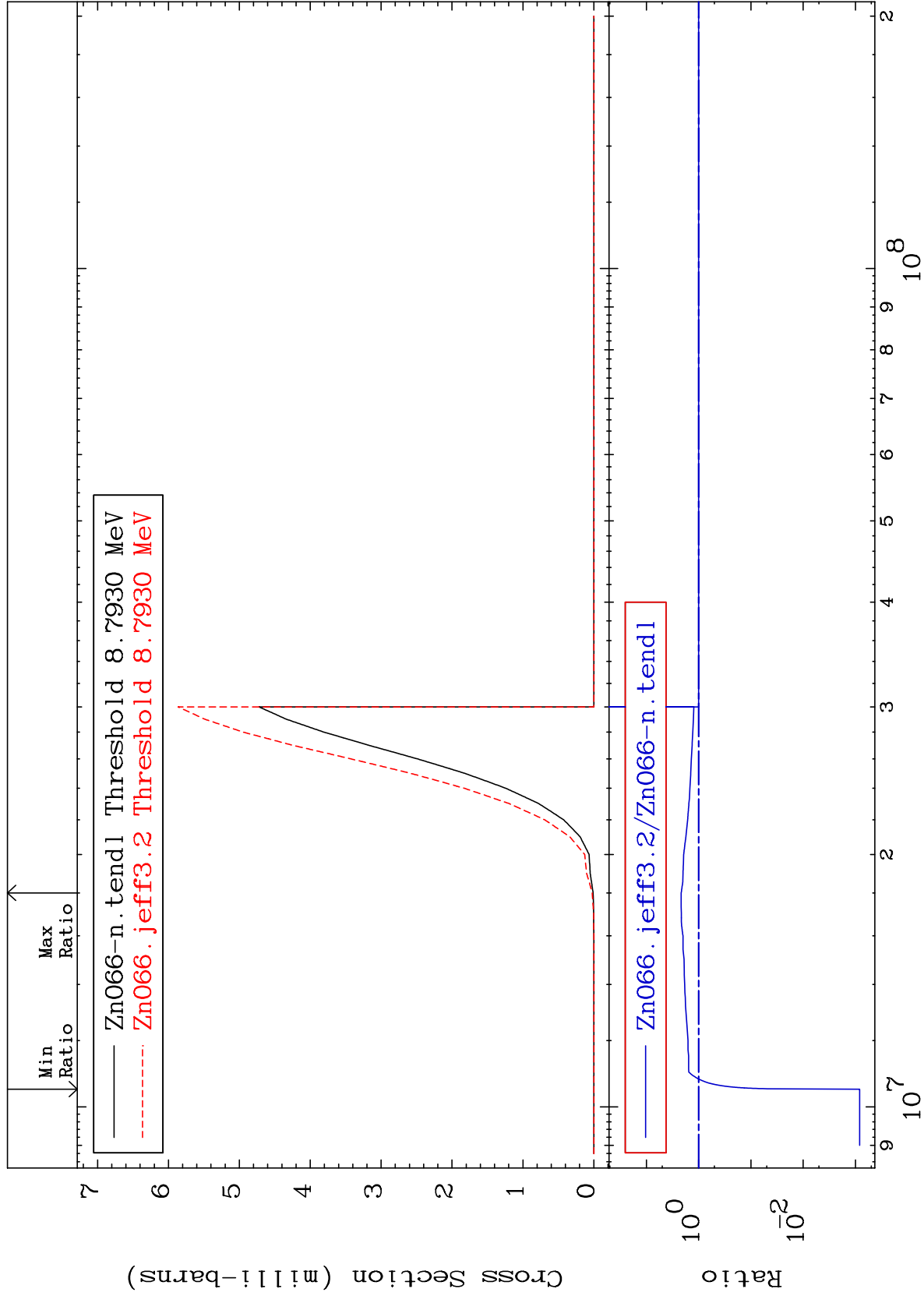
MAT 3031

(n, He-3)

30-Zn-66

Cross Section

-99.92 To 116.1 %



54

Incident Energy (eV)

30-Zn-66

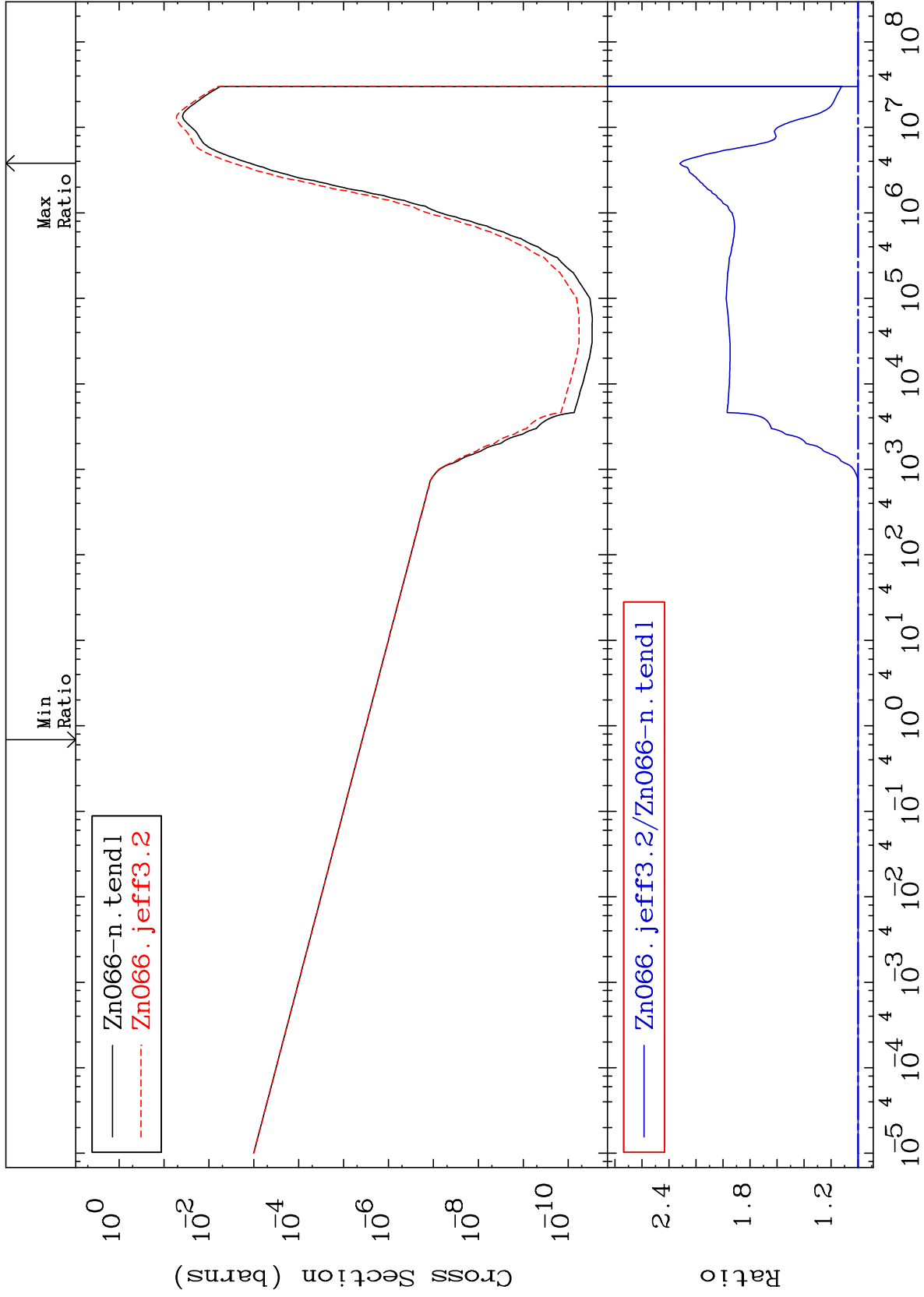
MAT 3031

30-Zn-66

(n,  $\alpha$ )

Cross Section

0.000 To 132.1 %



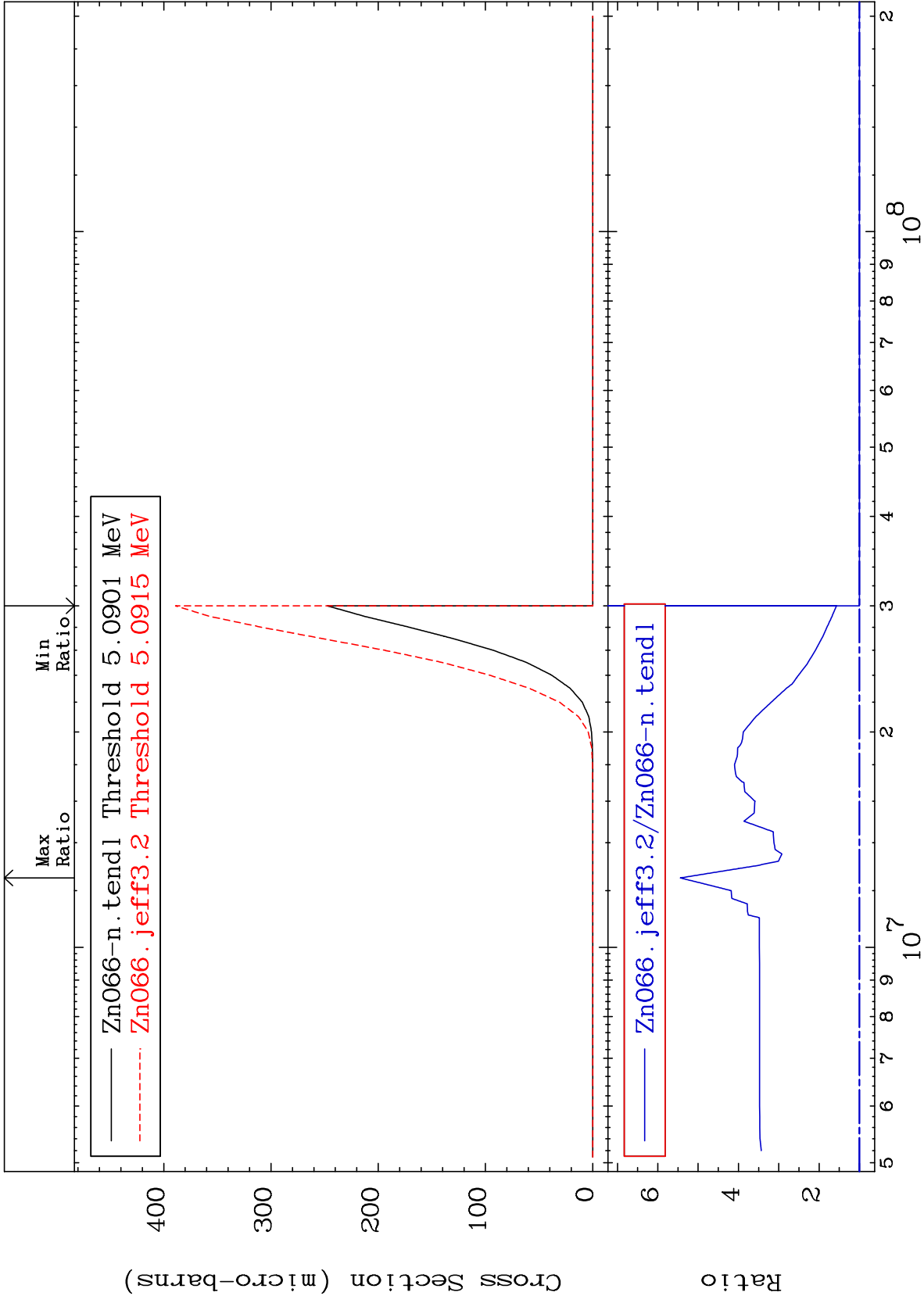
55

Incident Energy (eV)

30-Zn-66

MAT 3031

(n,2α) Cross Section  
30-Zn-66 To 444.1 %  
0.000



56

Incident Energy (eV)

30-Zn-66



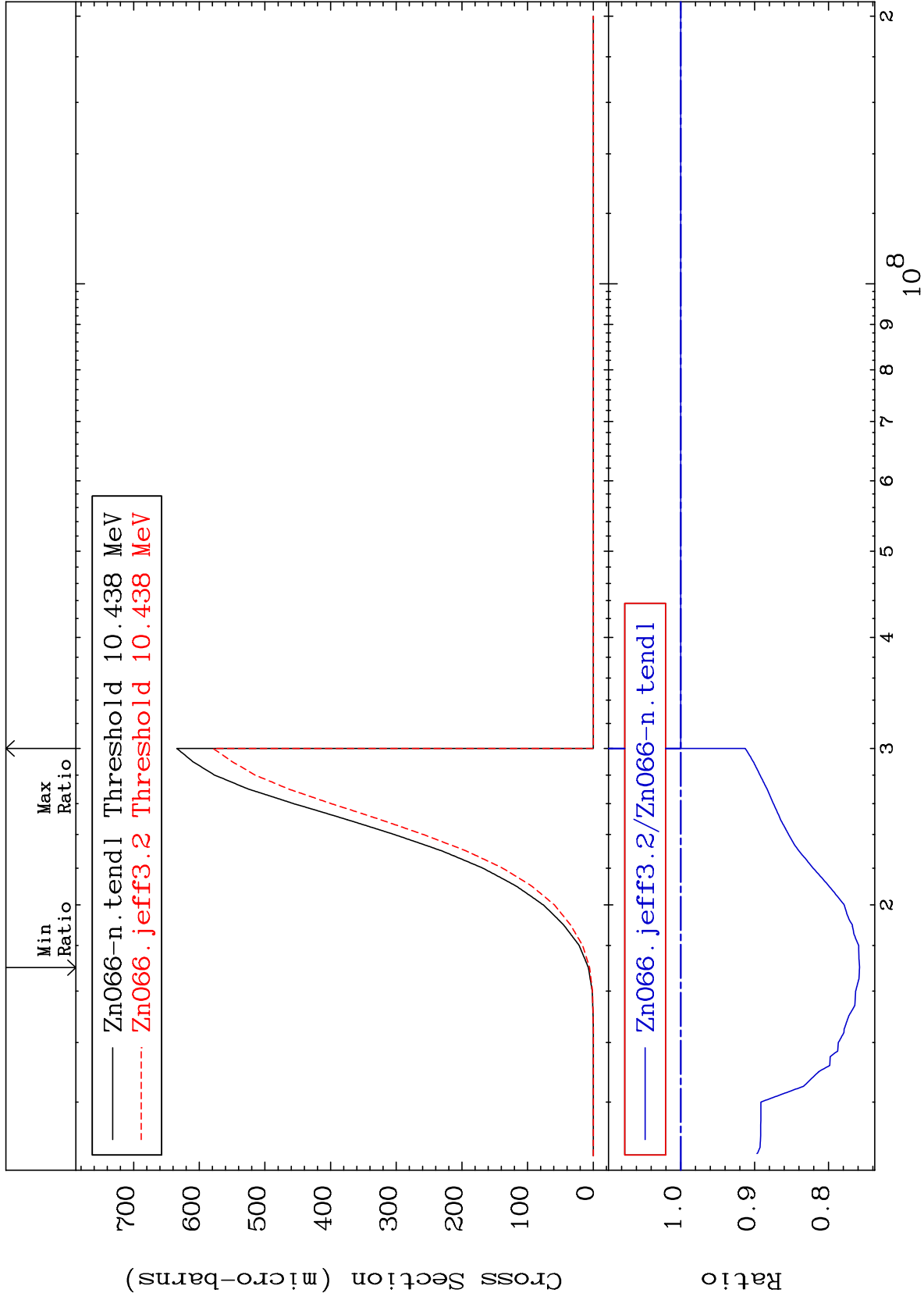
MAT 3031

(n,2p)

30-Zn-66

Cross Section

-24.20 To 0.000 %



57

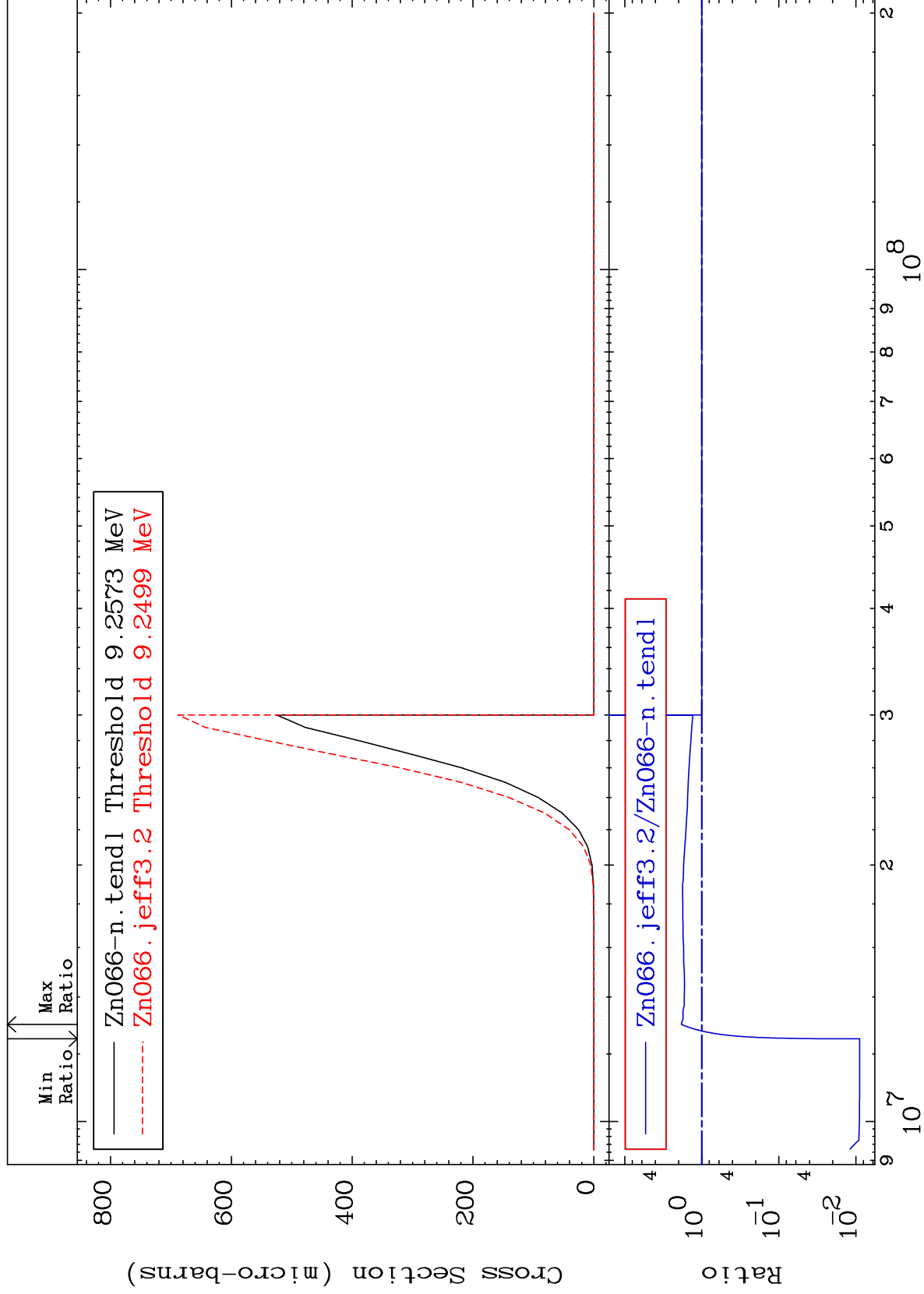
Incident Energy (eV)

30-Zn-66

MAT 3031

(n, p)  $\alpha$   
Cross Section

30-Zn-66  
-99.11 To 85.13 %



58

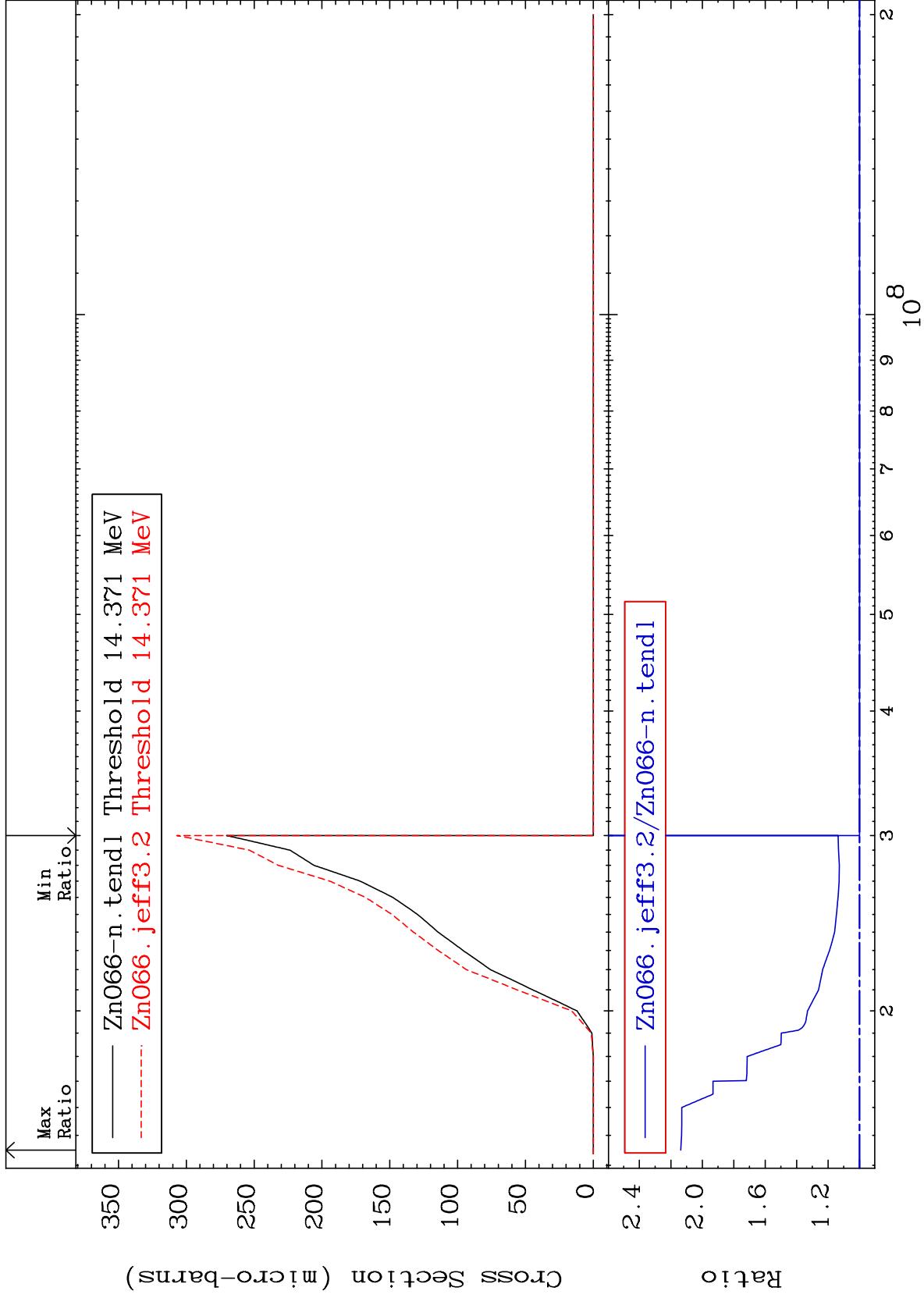
Incident Energy (eV)

30-Zn-66

MAT 3031

(n,p) d  
Cross Section

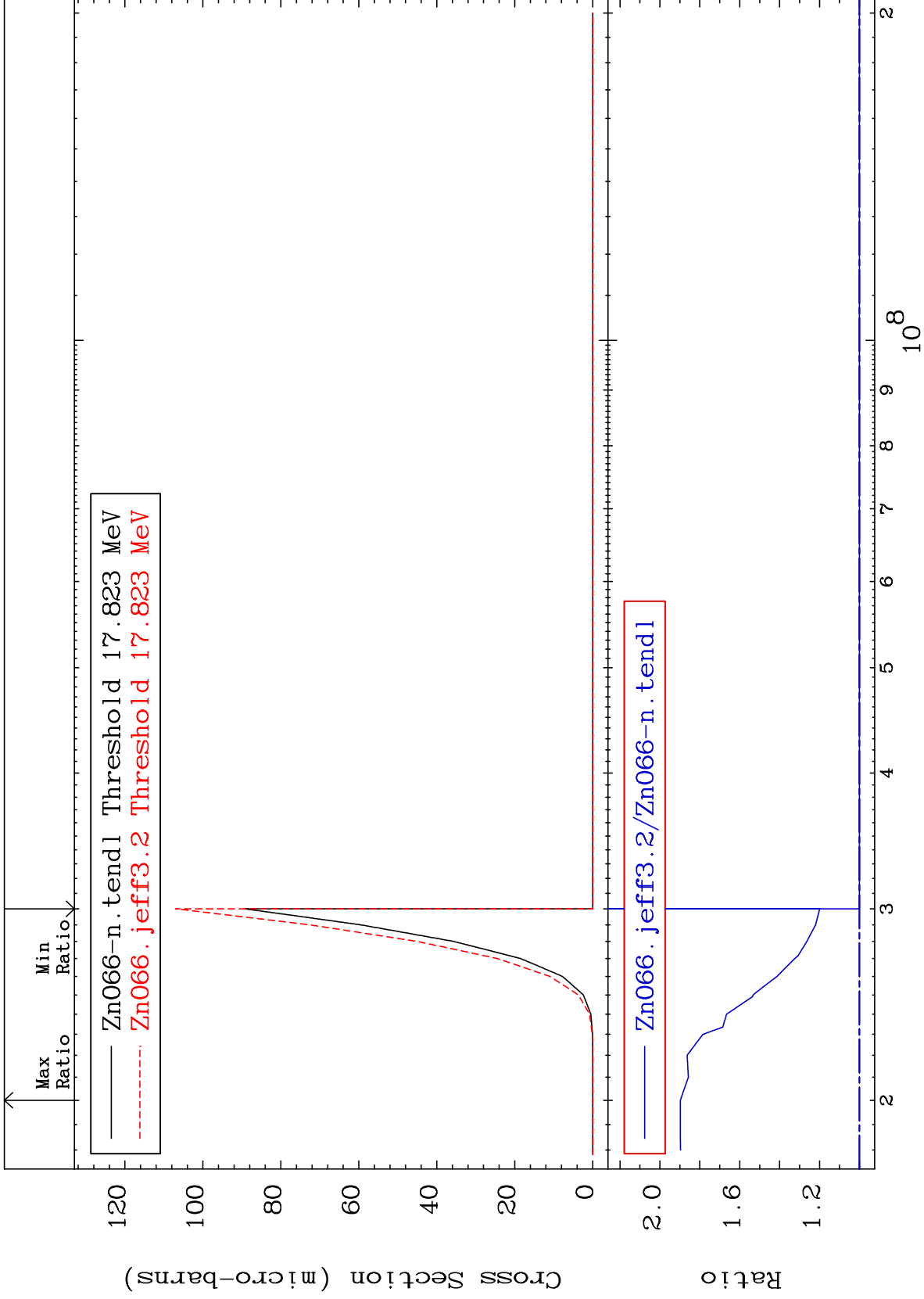
30-Zn-66  
0.000 To 113.7 %



MAT 3031

(n,p) t  
Cross Section

30-Zn-66  
0.000 To 89.75 %



60

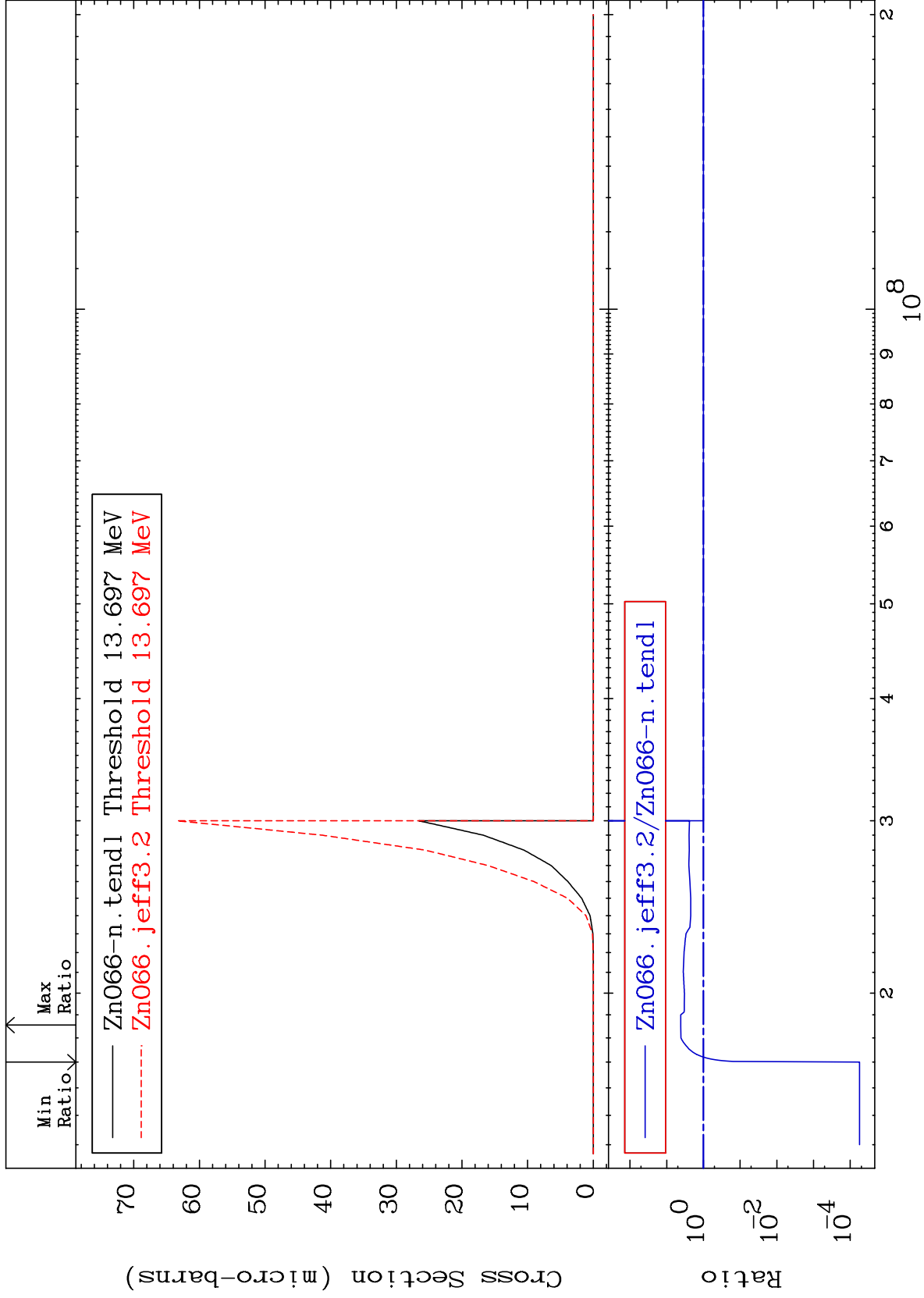
Incident Energy (eV)

30-Zn-66

MAT 3031

(n, d)  $\alpha$   
Cross Section

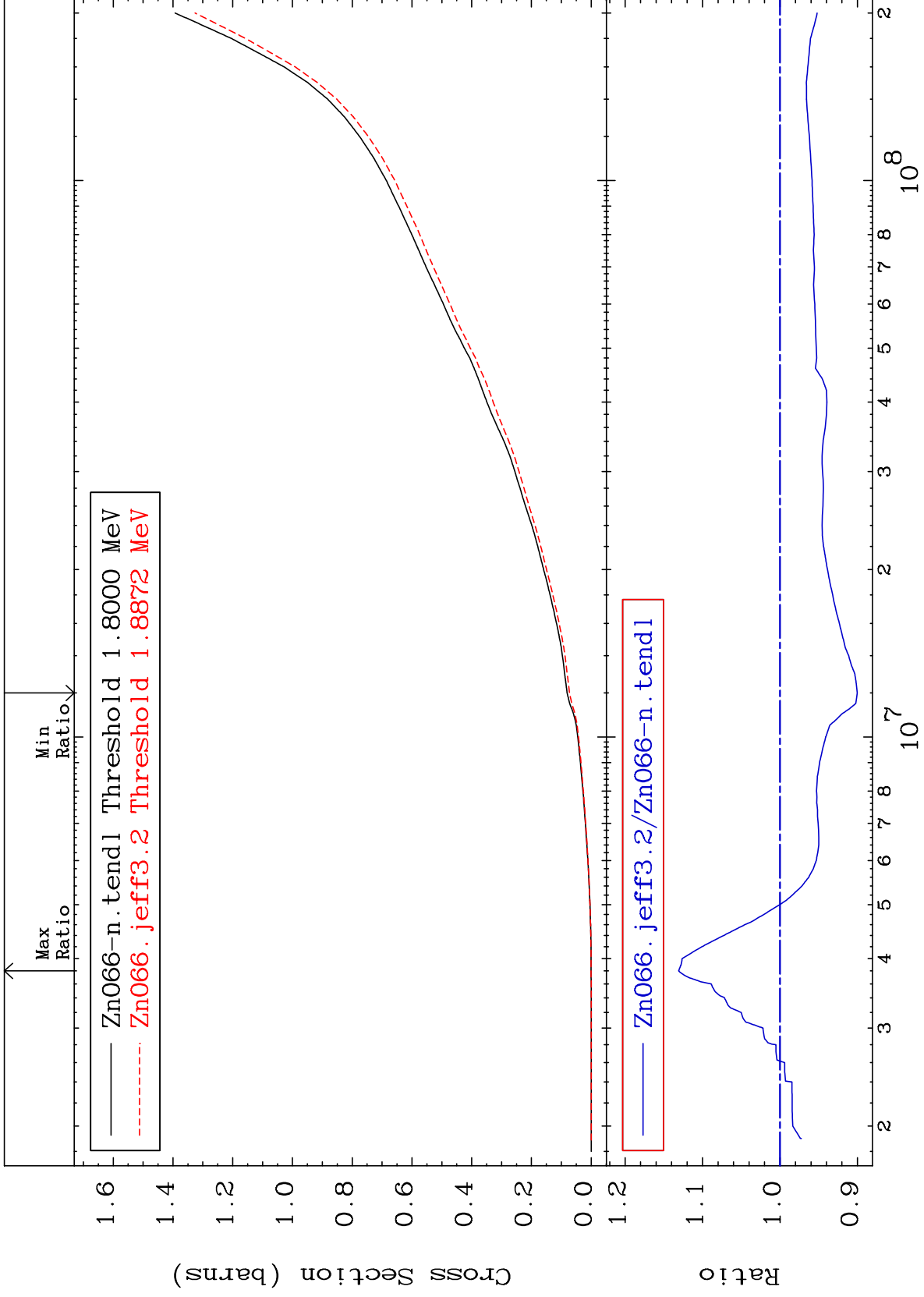
30-Zn-66  
-99.99 To 313.7 %

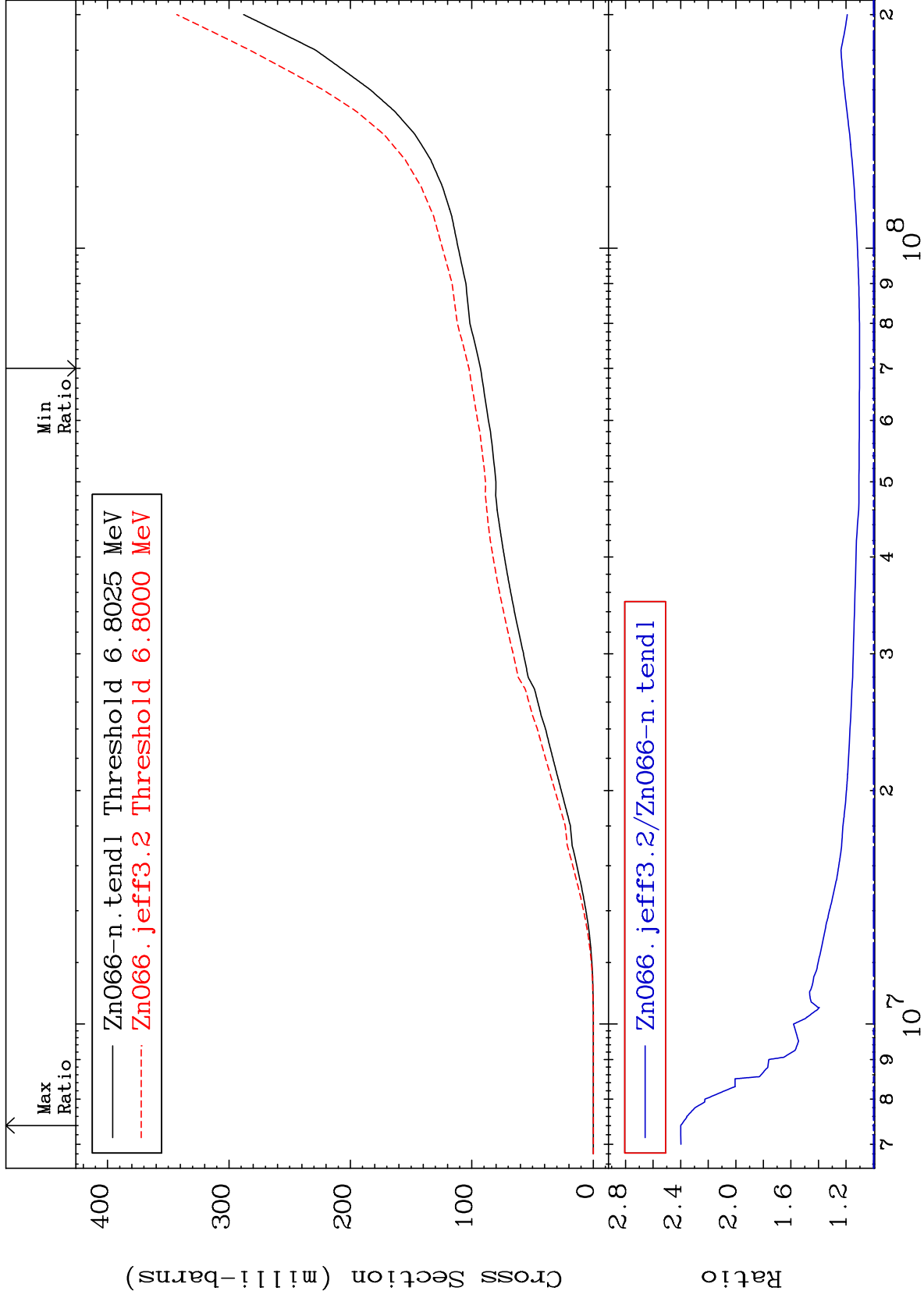


MAT 3031

Hydrogen Production  
Cross Section

30-Zn-66  
-9.976 To 13.09 %

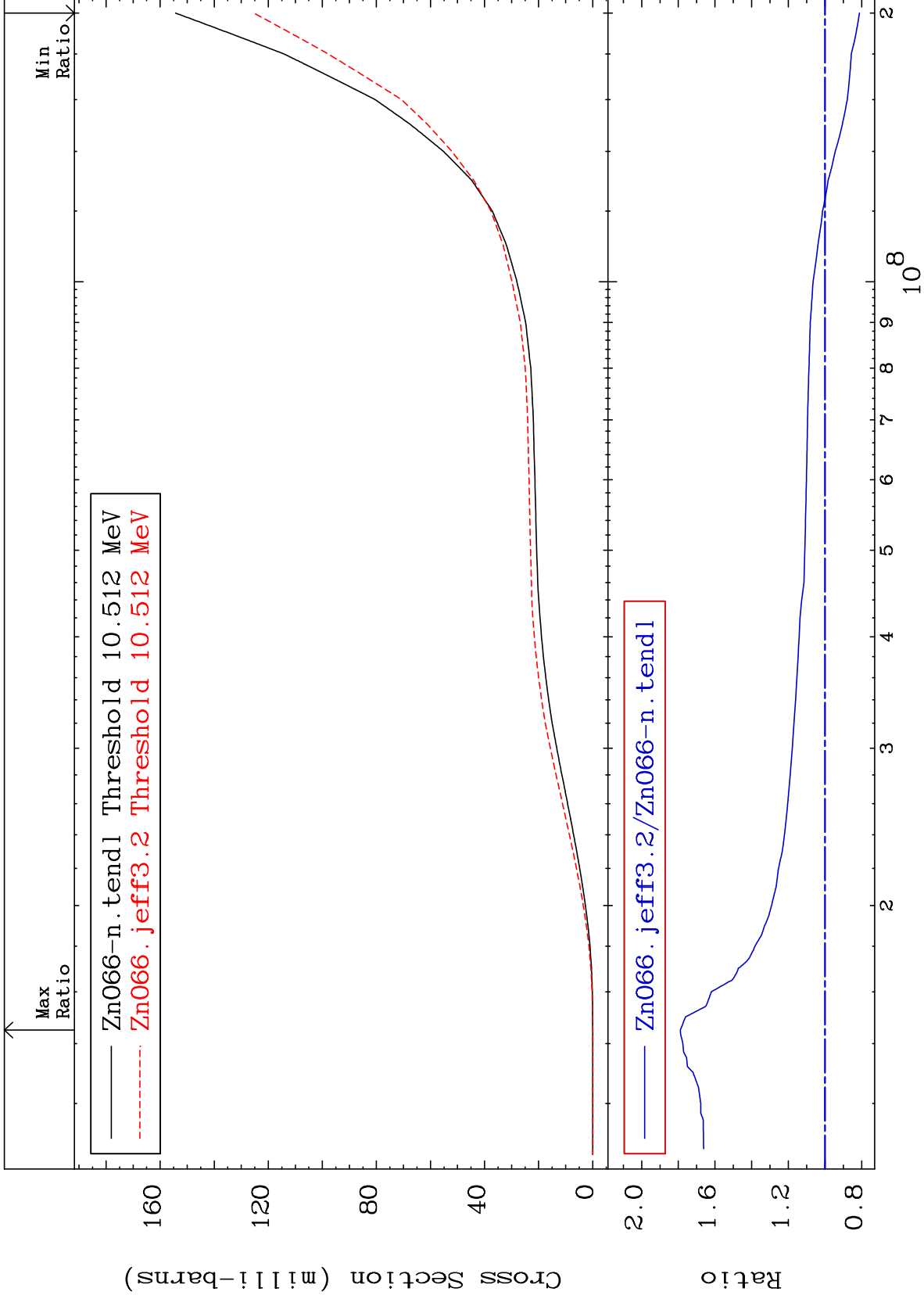




MAT 3031

Tritium Production  
Cross Section

30-Zn-66  
-18.77 To 78.89 %



64

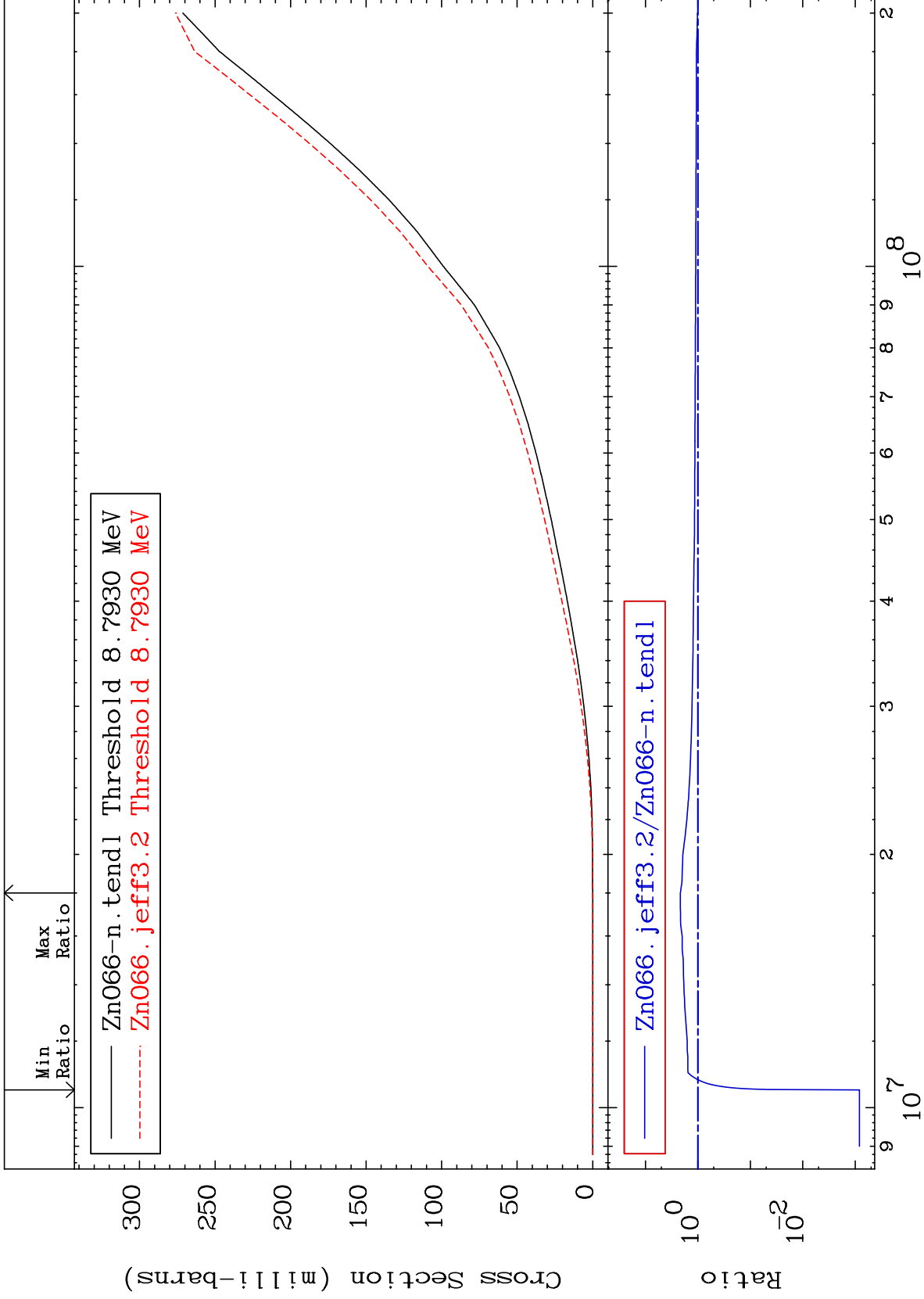
30-Zn-66



MAT 3031

He-3 Production  
Cross Section

30-Zn-66  
-99.92 To 116.1 %



65

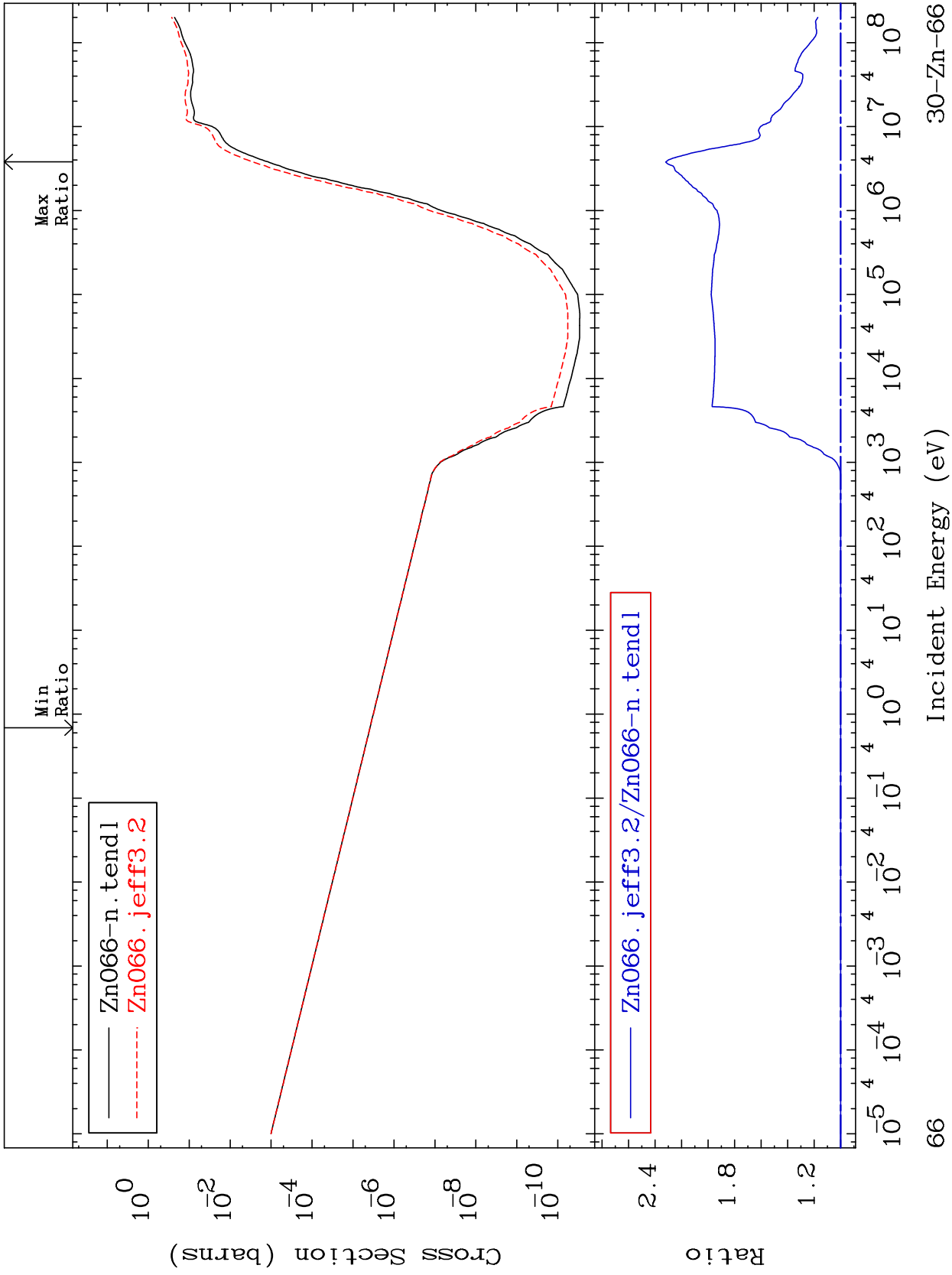
Incident Energy (eV)

30-Zn-66

MAT 3031

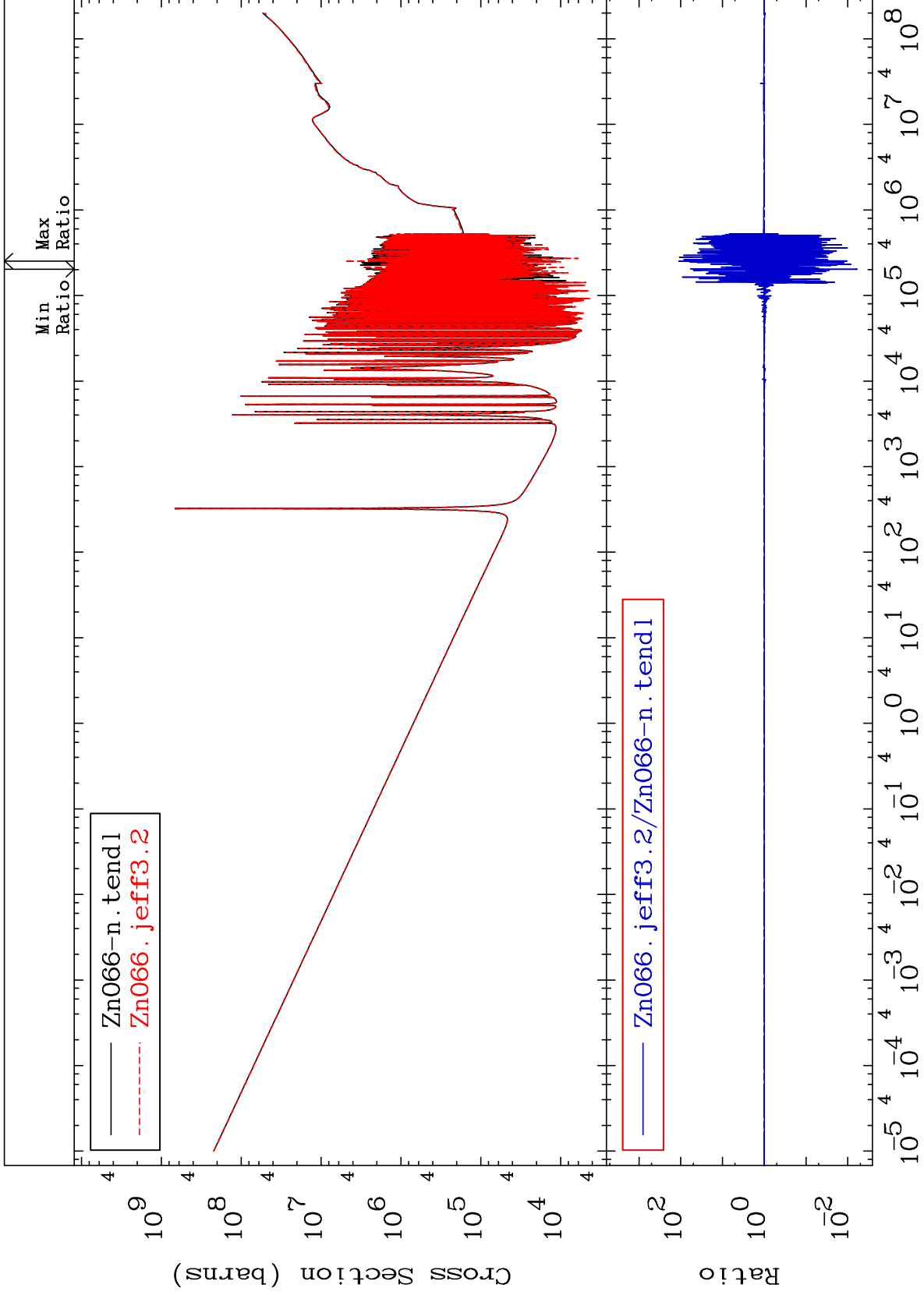
He-4 Production  
Cross Section

30-Zn-66  
To 132.1 %



66

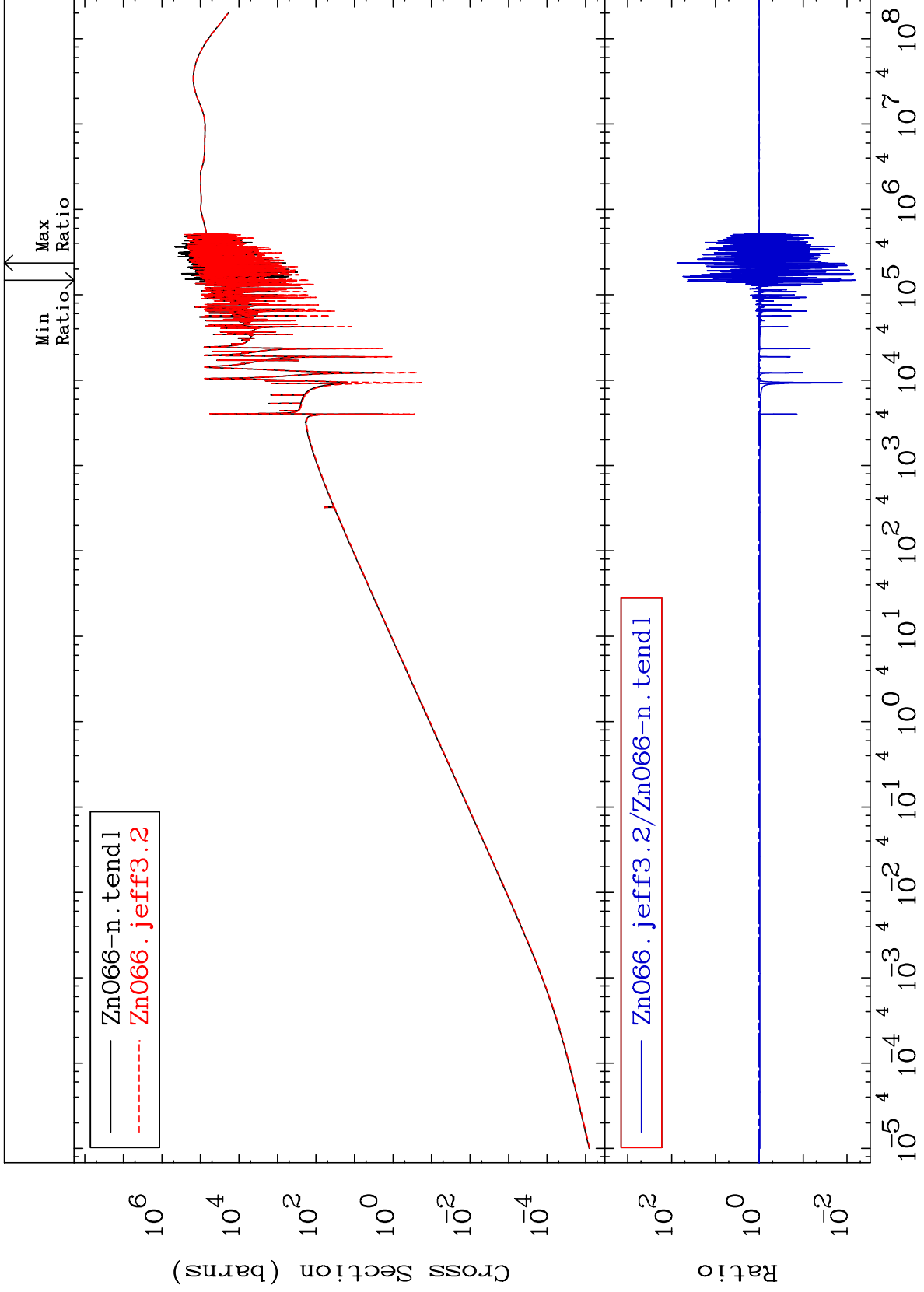
30-Zn-66



MAT 3031

Kerma elastic  
Cross Section

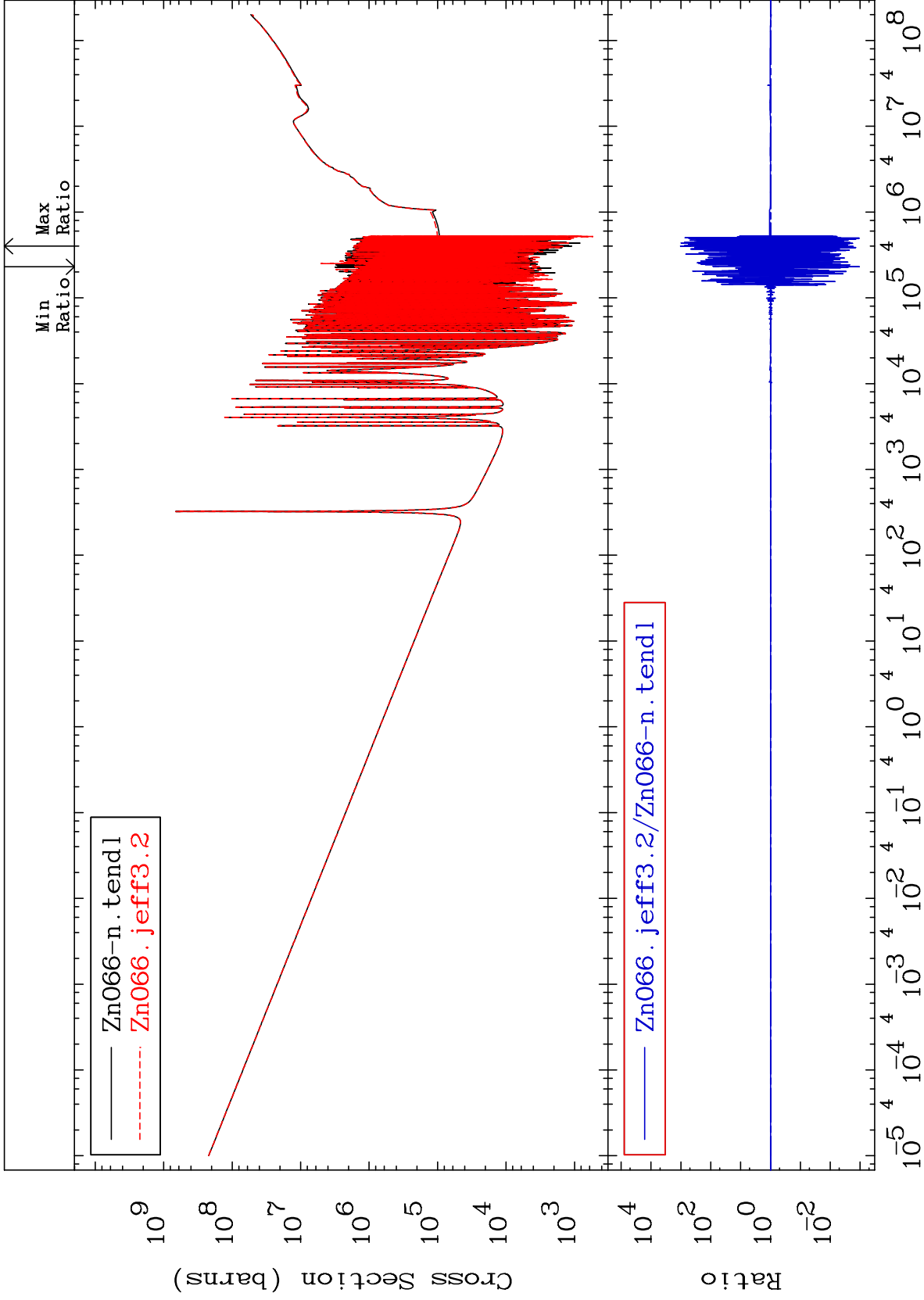
30-Zn-66  
-99.34 To 7465. %

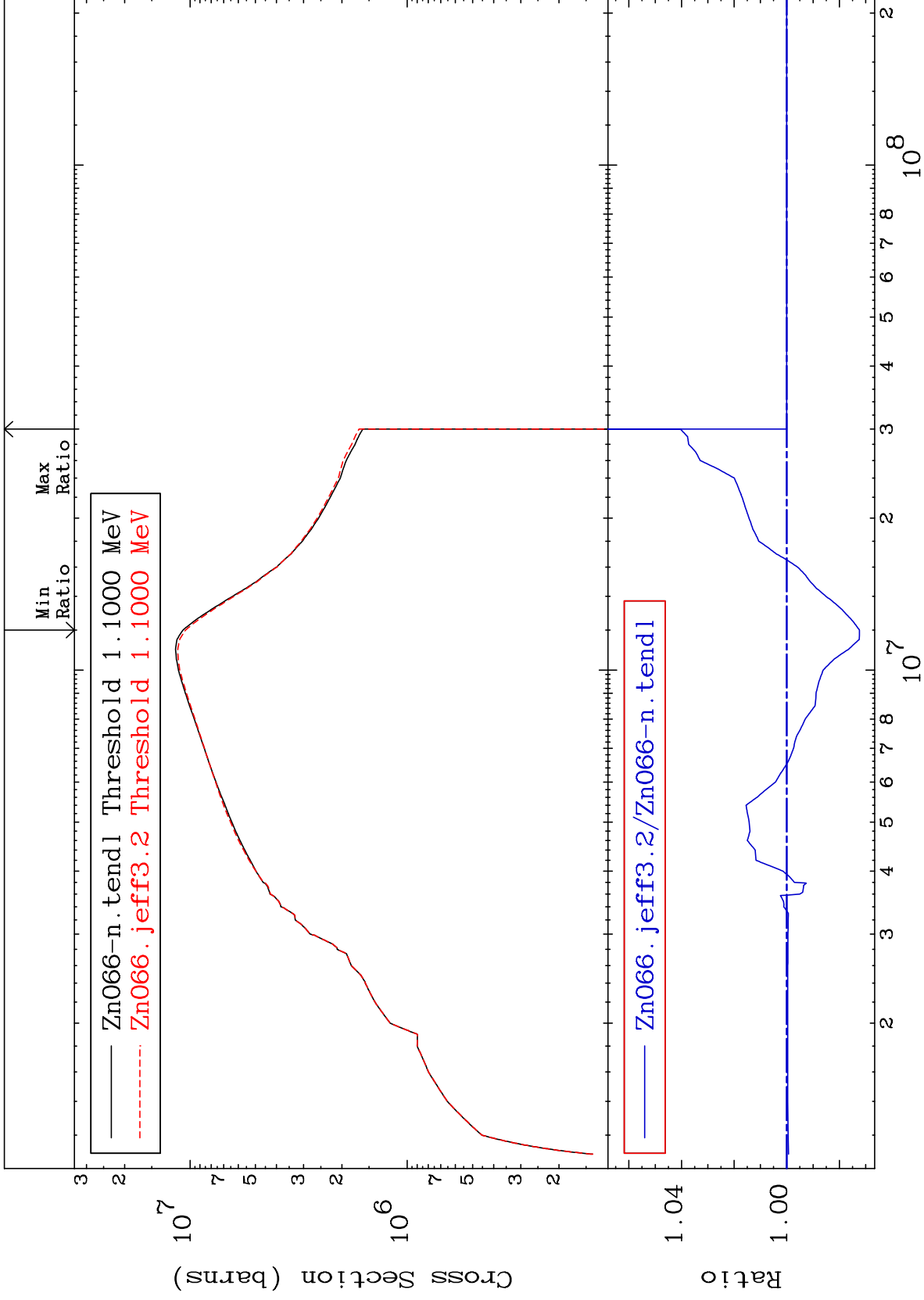


MAT 3031

Kerma non-elastic (all but mt2)  
Cross Section

30-Zn-66  
-99.89 To 9999. %

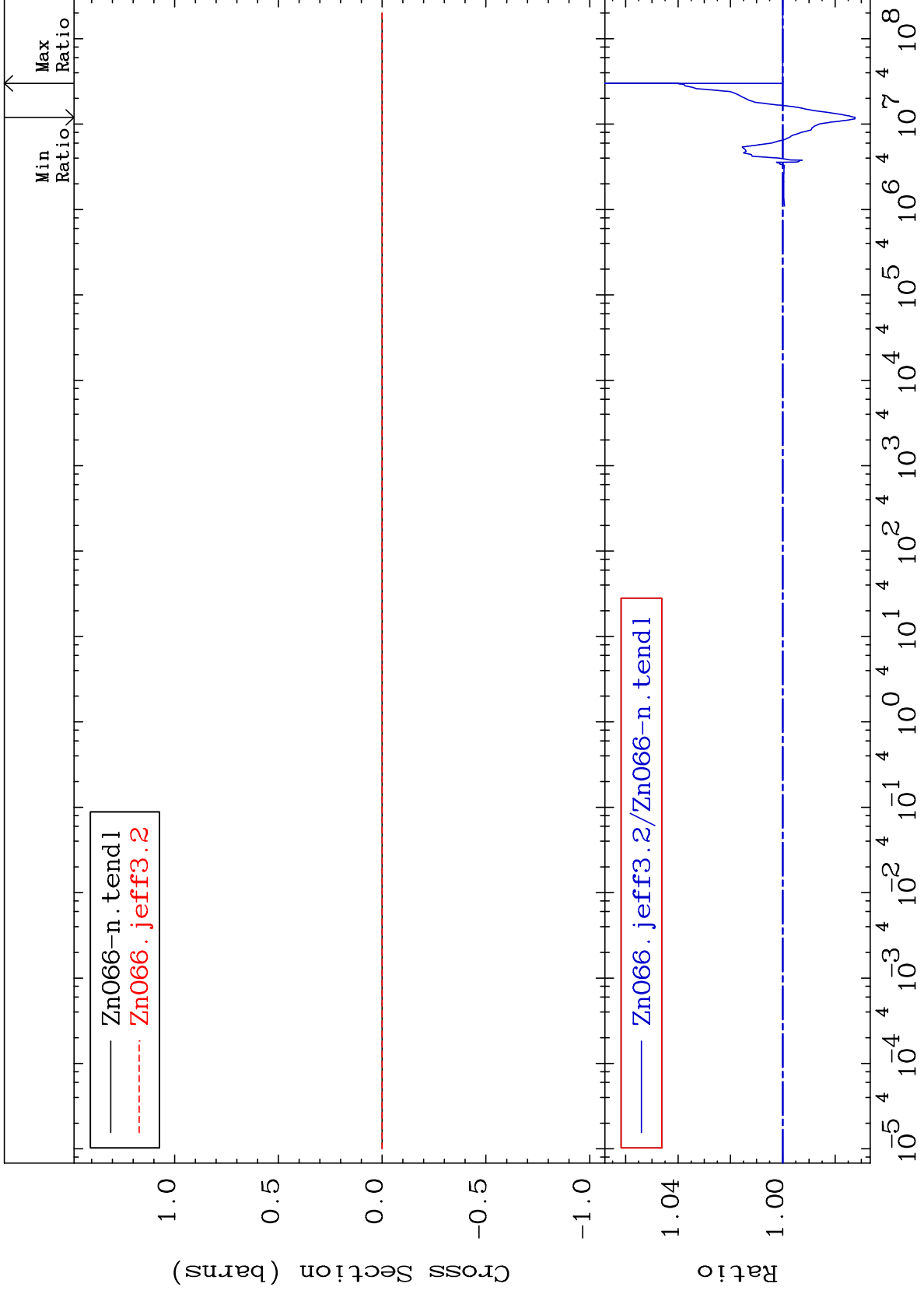




MAT 3031

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

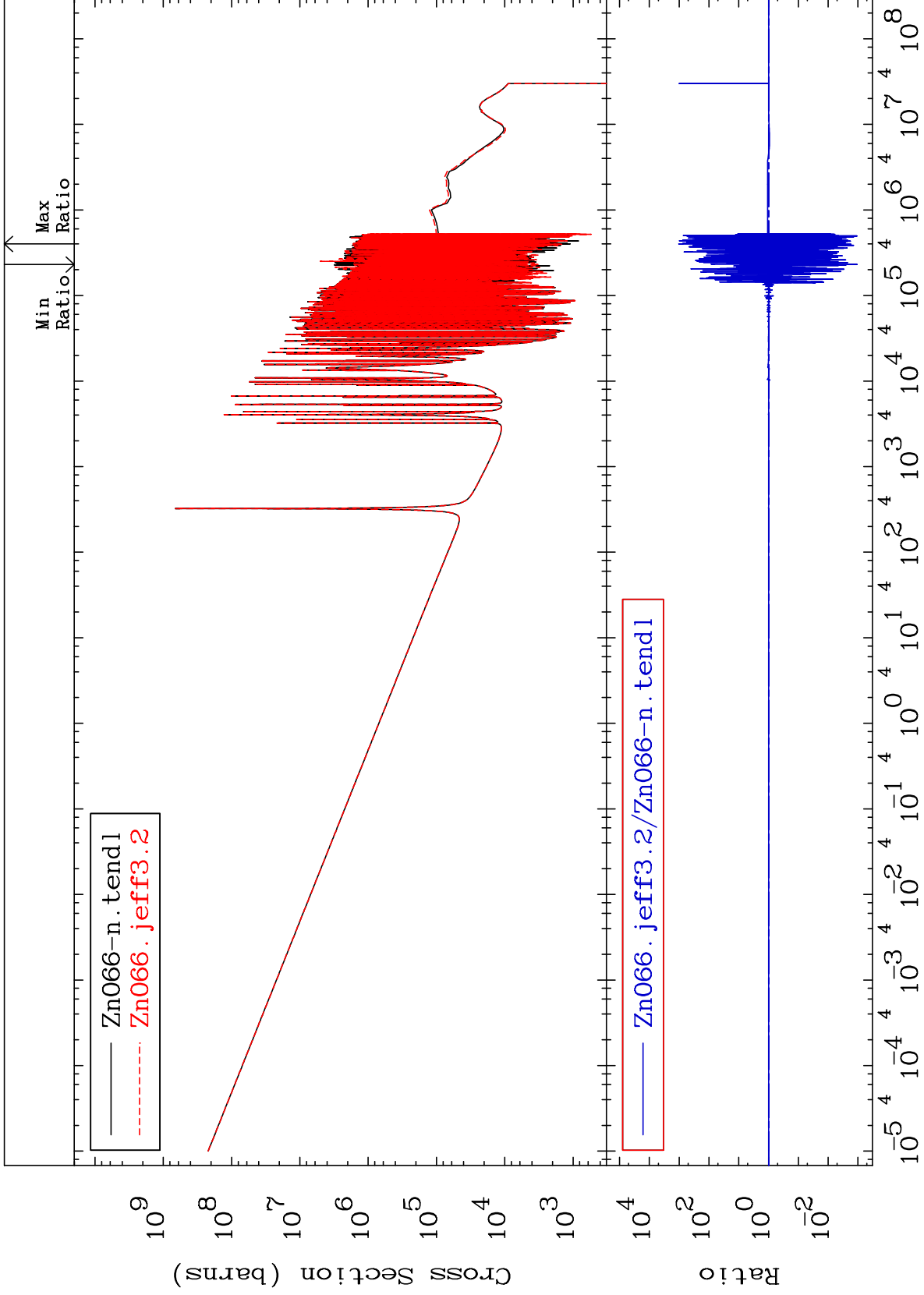
30-Zn-66  
-2.763 To 4.043 %



MAT 3031

Kerma capture (mt102)  
Cross Section

30-Zn-66  
-99.89 To 9999. %

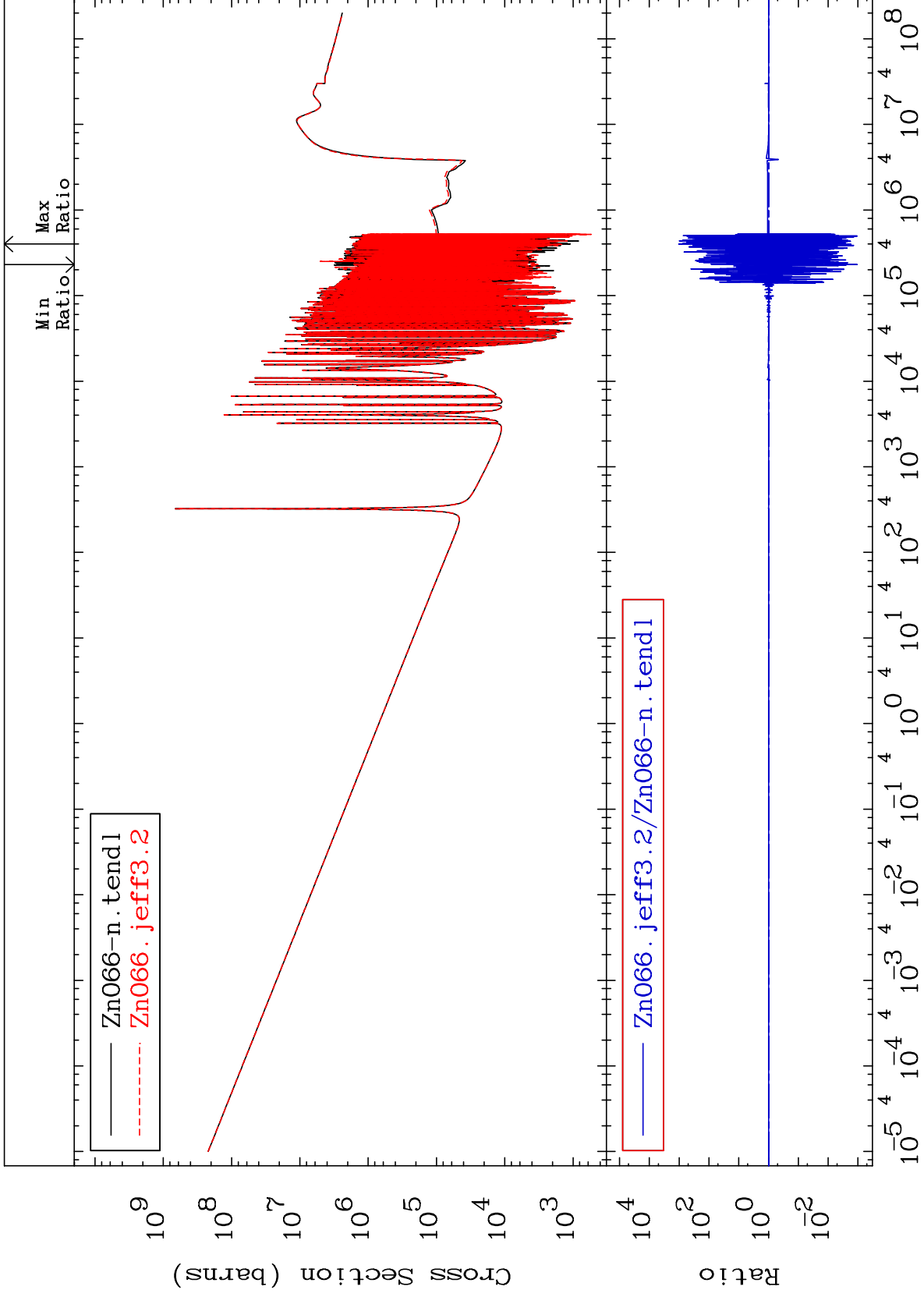




MAT 3031

Total photon (eV-barns)  
Cross Section

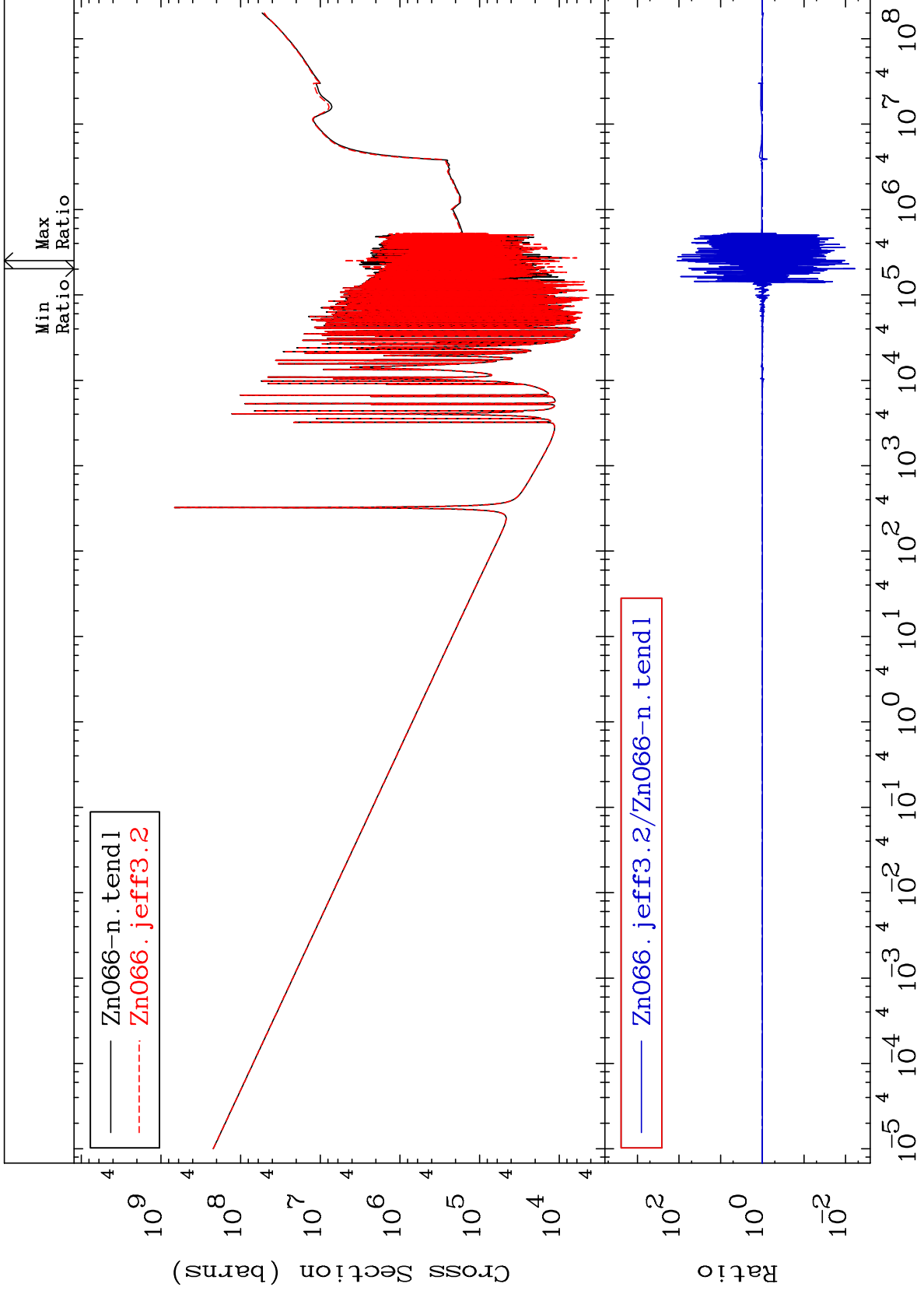
30-Zn-66  
-99.89 To 9999. %



73

Incident Energy (eV)

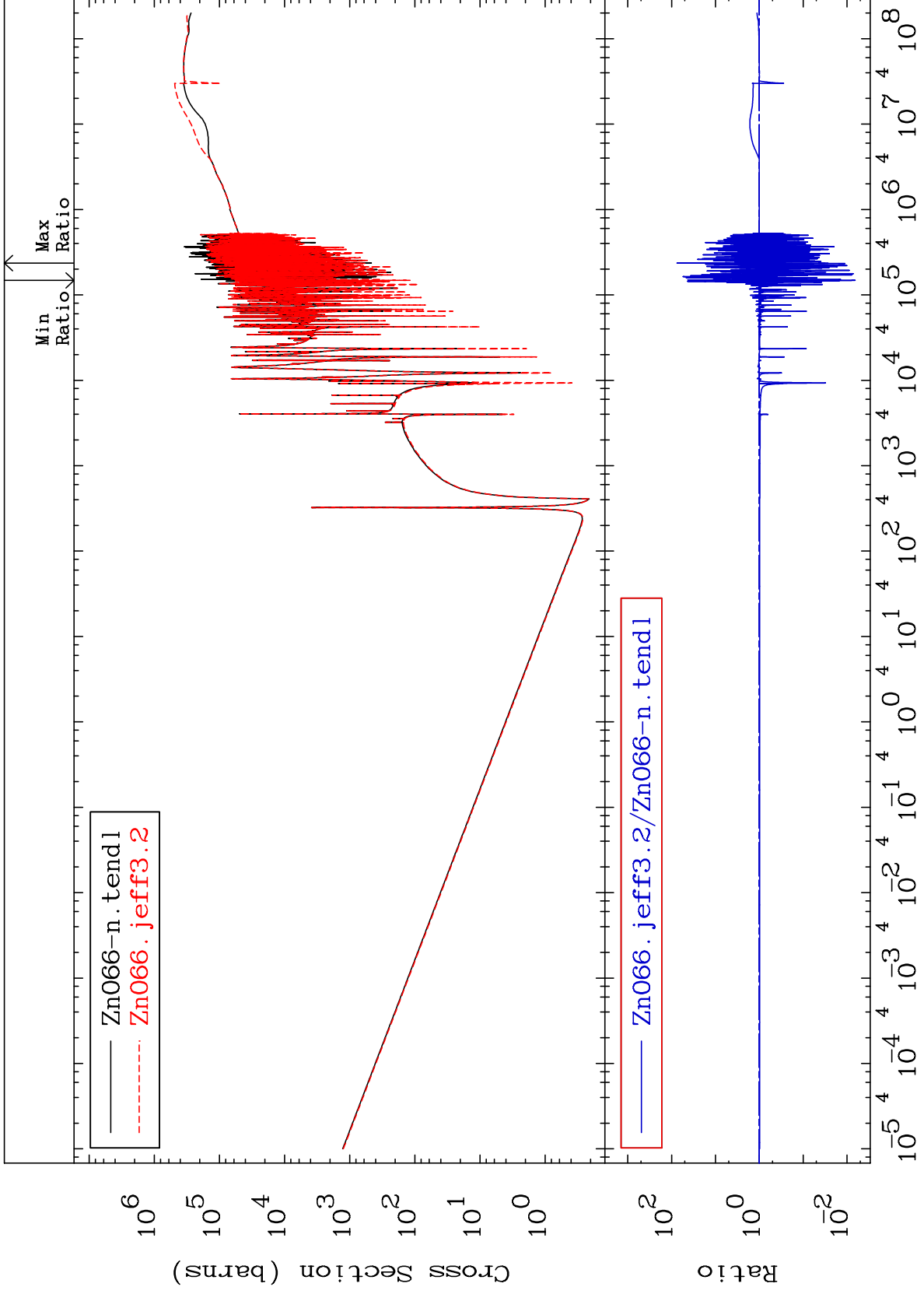
30-Zn-66



MAT 3031

Dpa total (eV-barns)  
Cross Section

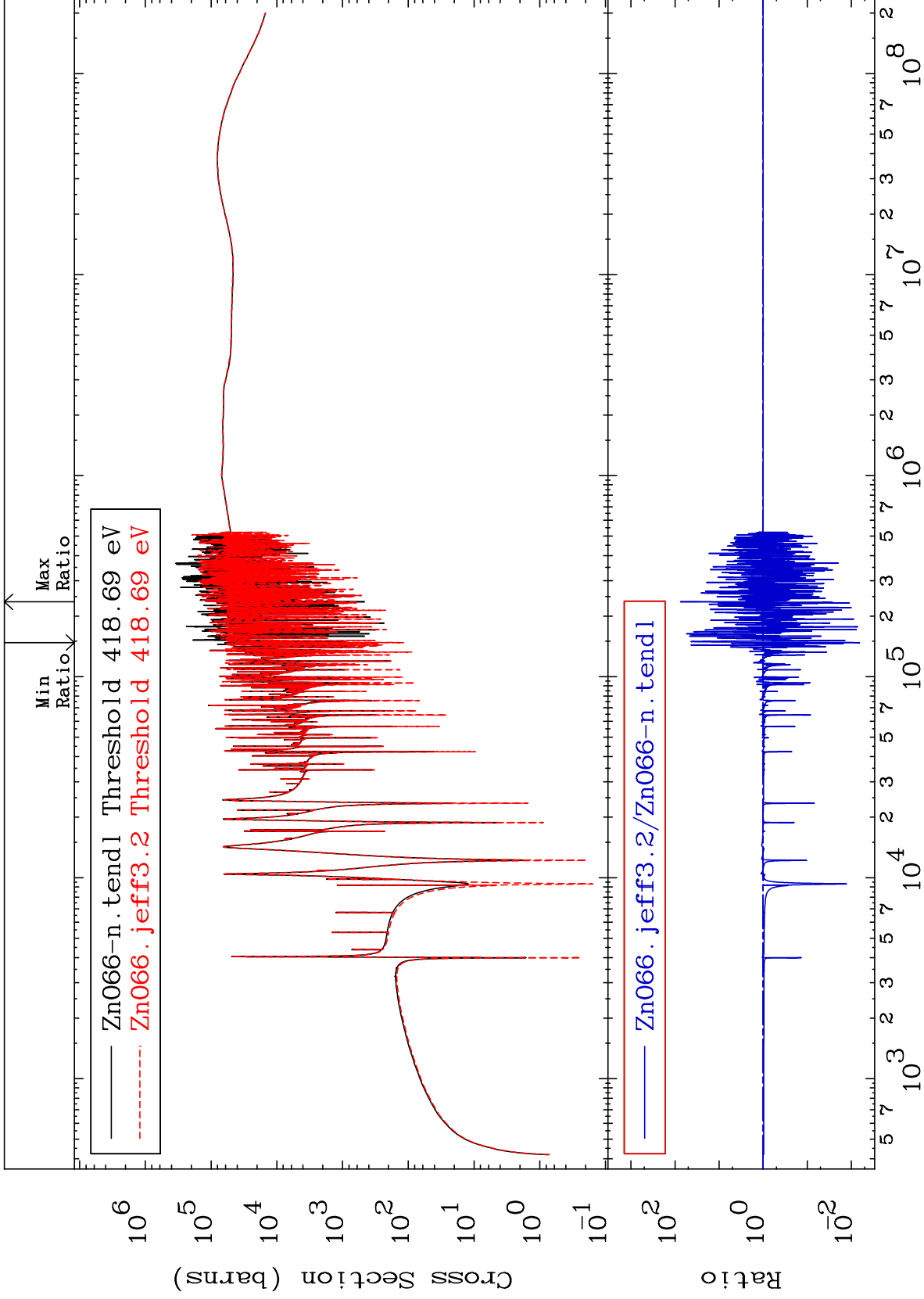
30-Zn-66  
-99.34 To 7460. %

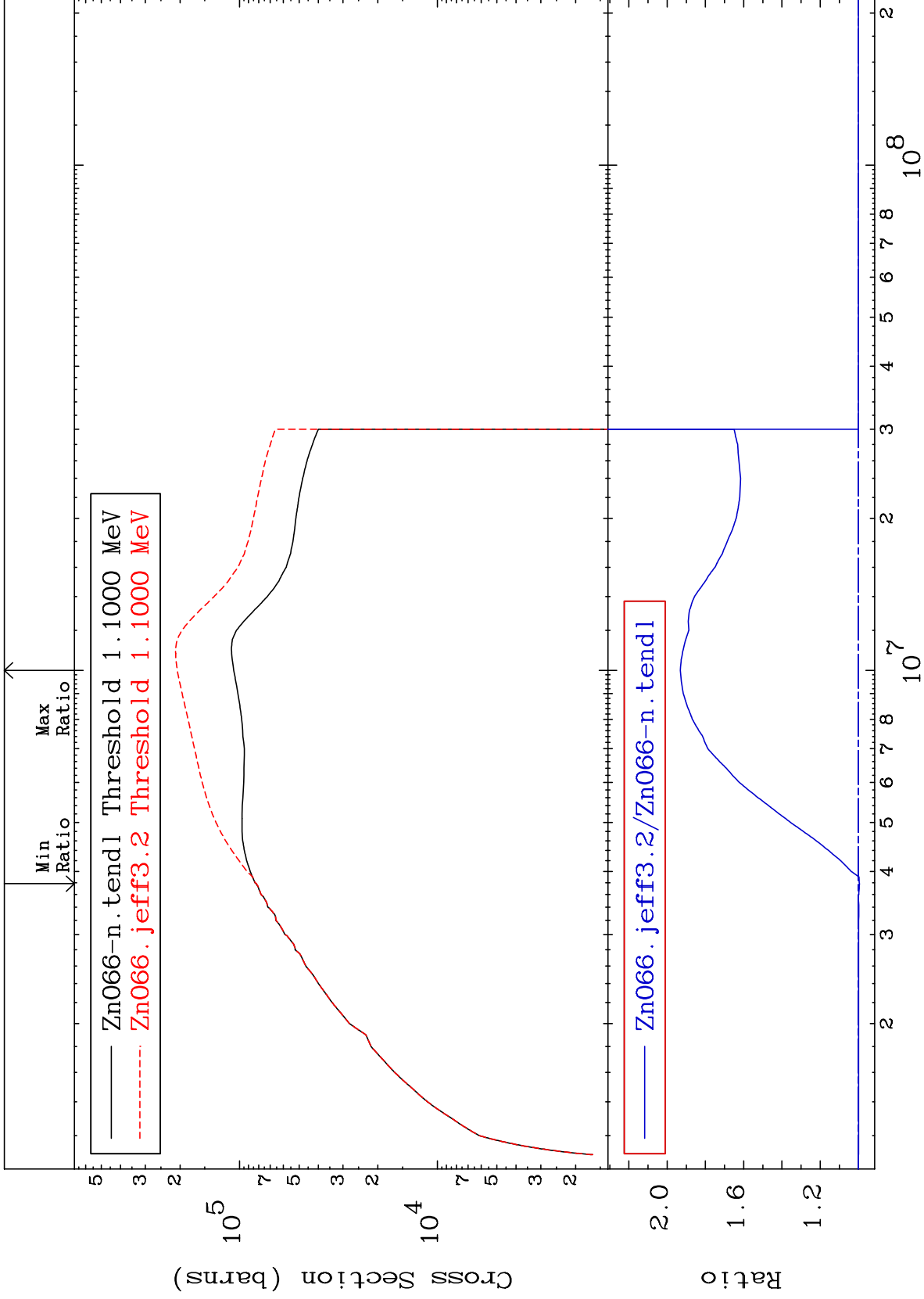


75

Incident Energy (eV)

30-Zn-66

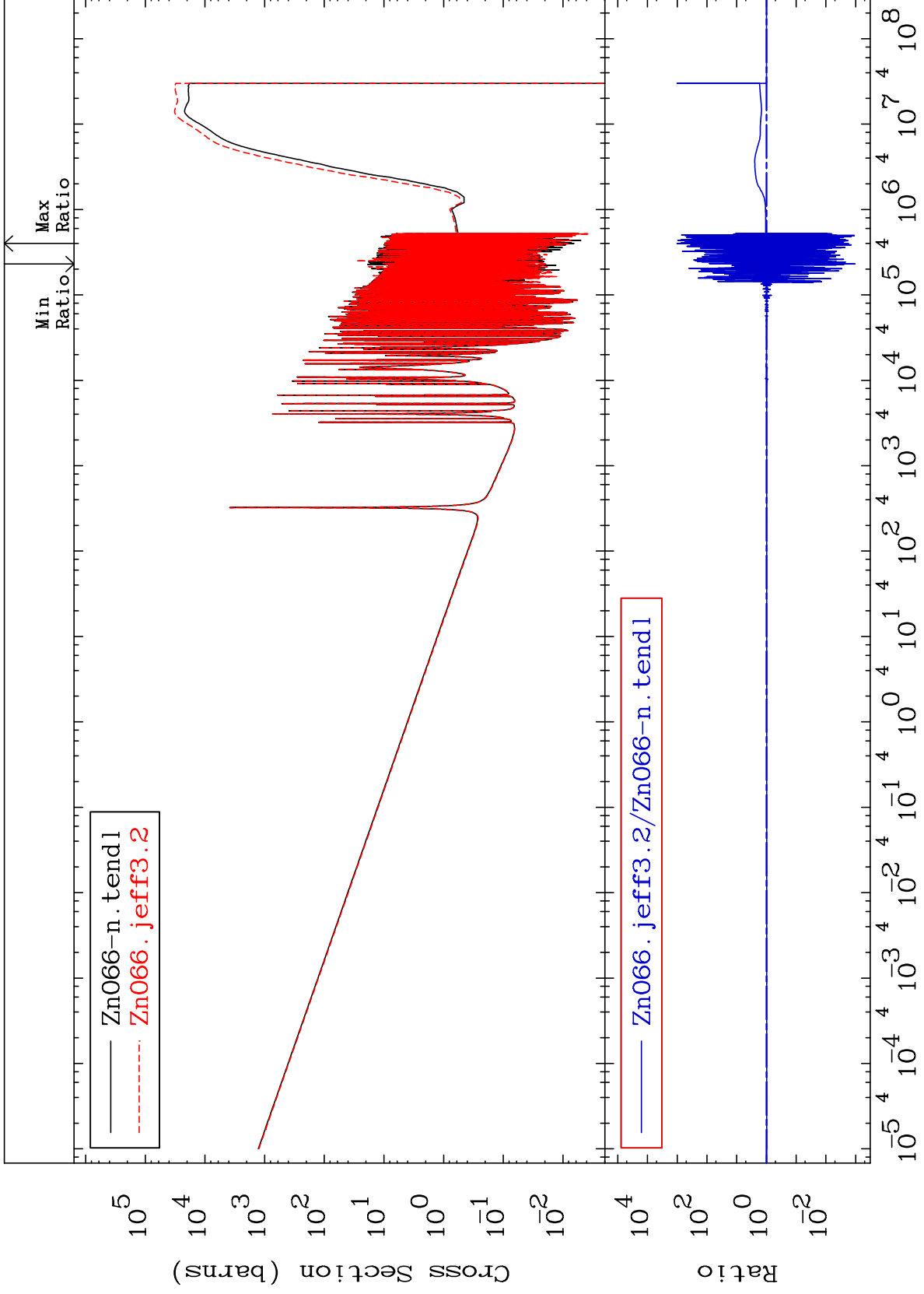




MAT 3031

Dpa disappearance (mt102 -120)  
Cross Section

30-Zn-66  
-99.90 To 9999. %



78

Incident Energy (eV)

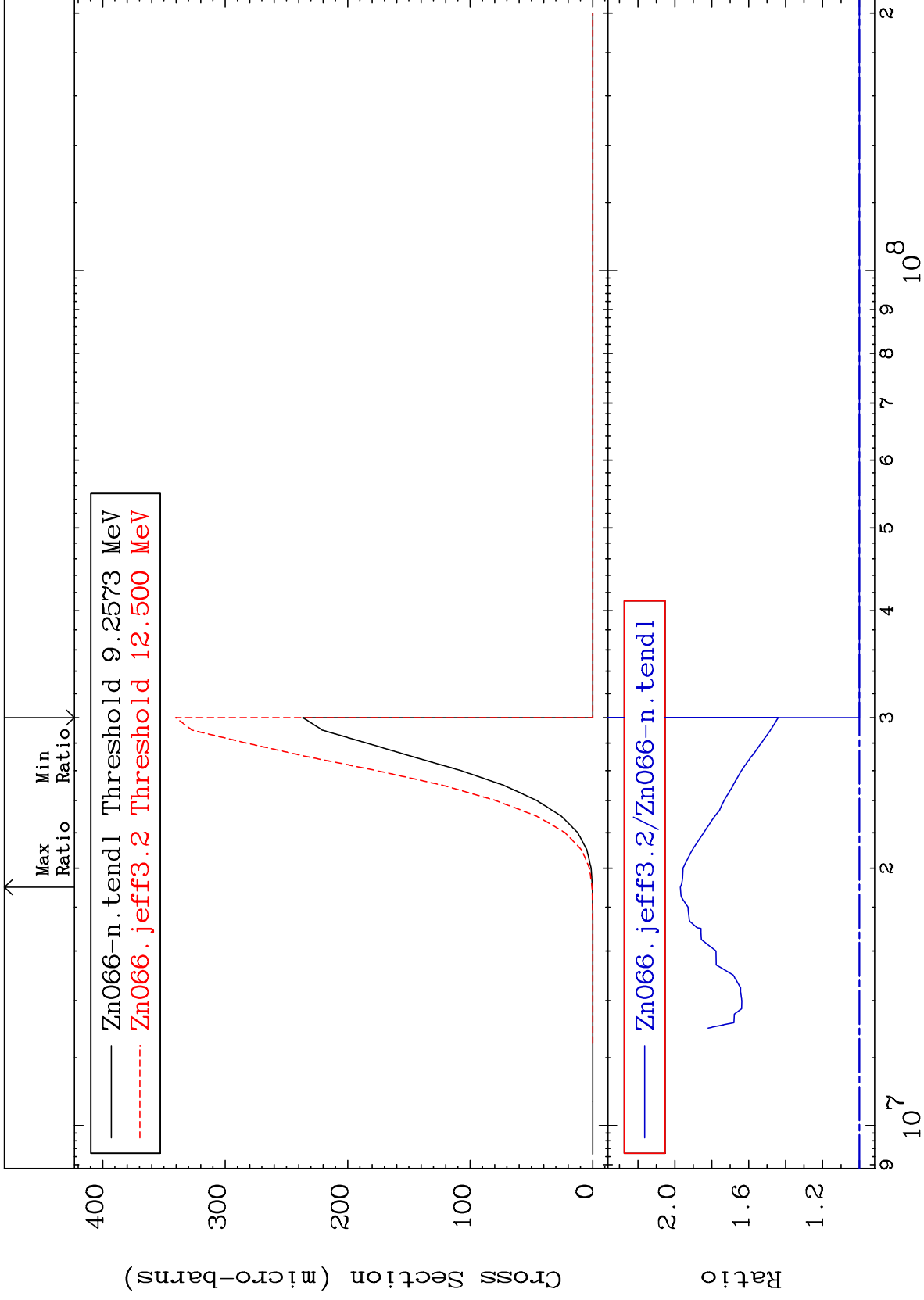
30-Zn-66

MAT 3031

(n, p)  $\alpha$ :27-Co-62g

30-Zn-66

Radionuclide Production Cross Section 0.000 To 97.02 %



79

Incident Energy (eV)

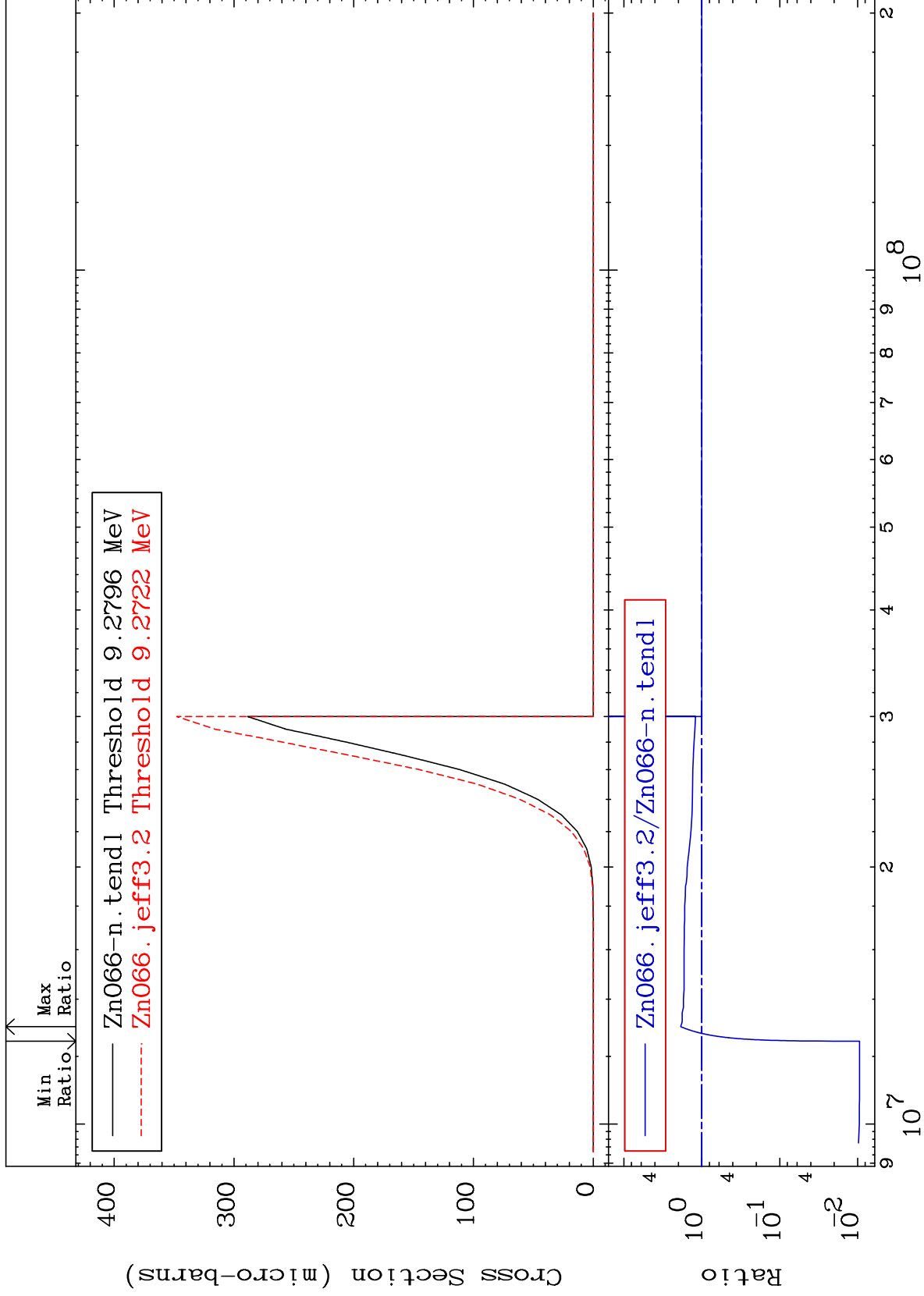
30-Zn-66

MAT 3031

(n, p)  $\alpha$ :27-Co-62m1

30-Zn-66

Radionuclide Production Cross Section -99.05 To 86.24 %



80

Incident Energy (eV)

30-Zn-66