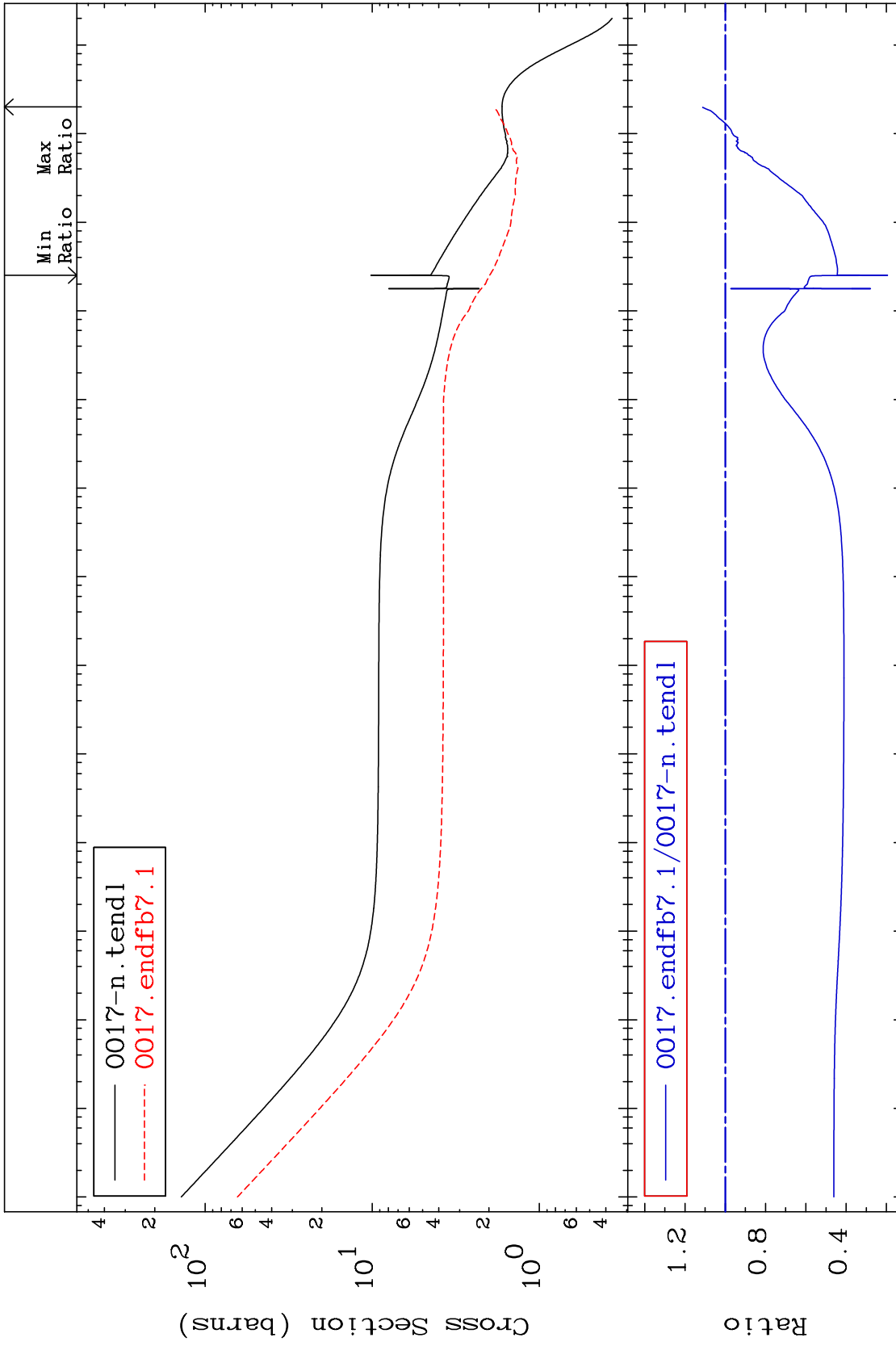


MAT 828

Total  
Cross Section

8-0 -17  
-80.52 To 11.28 %



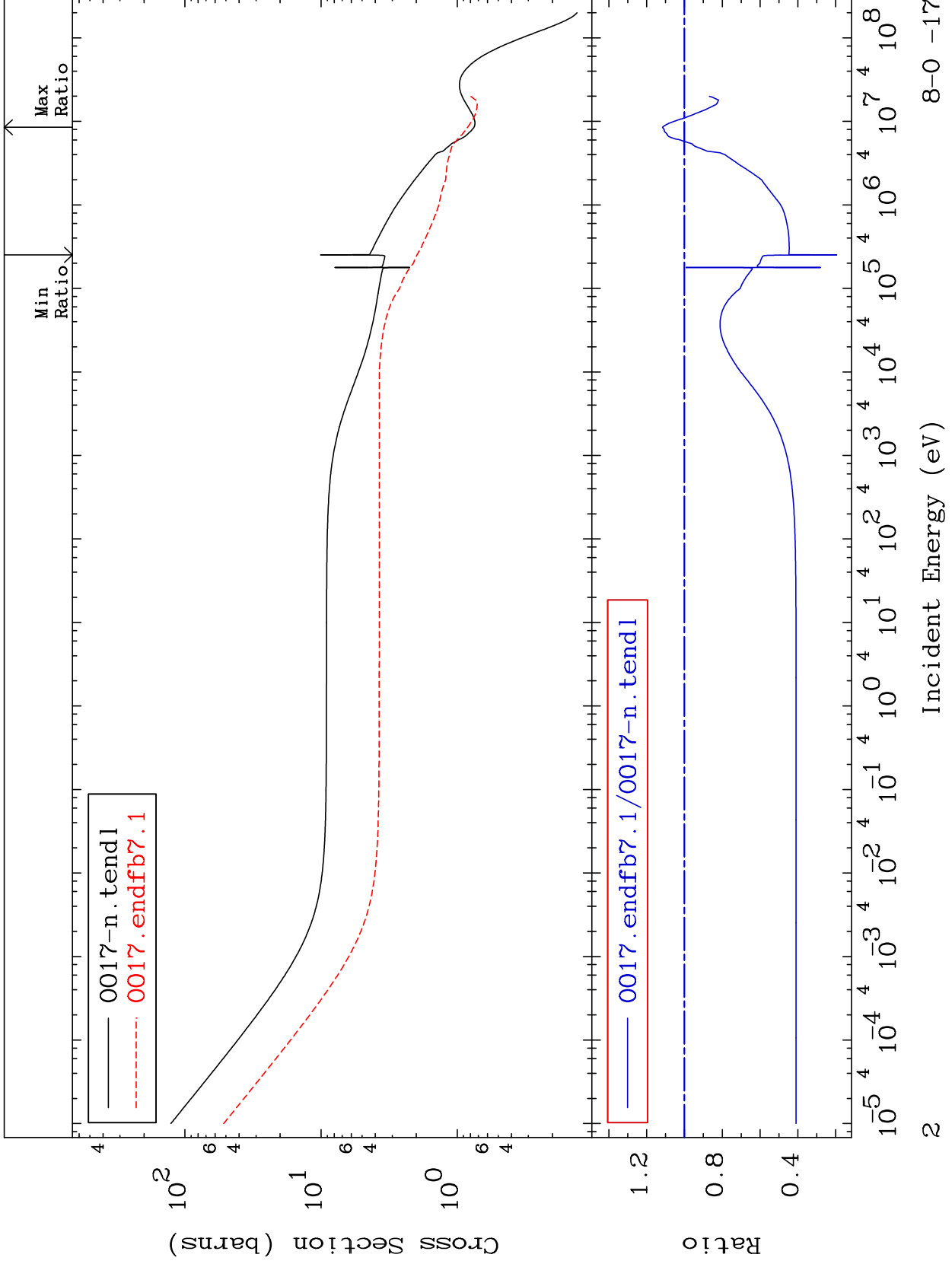
Incident Energy (eV)

8-0 -17

MAT 828

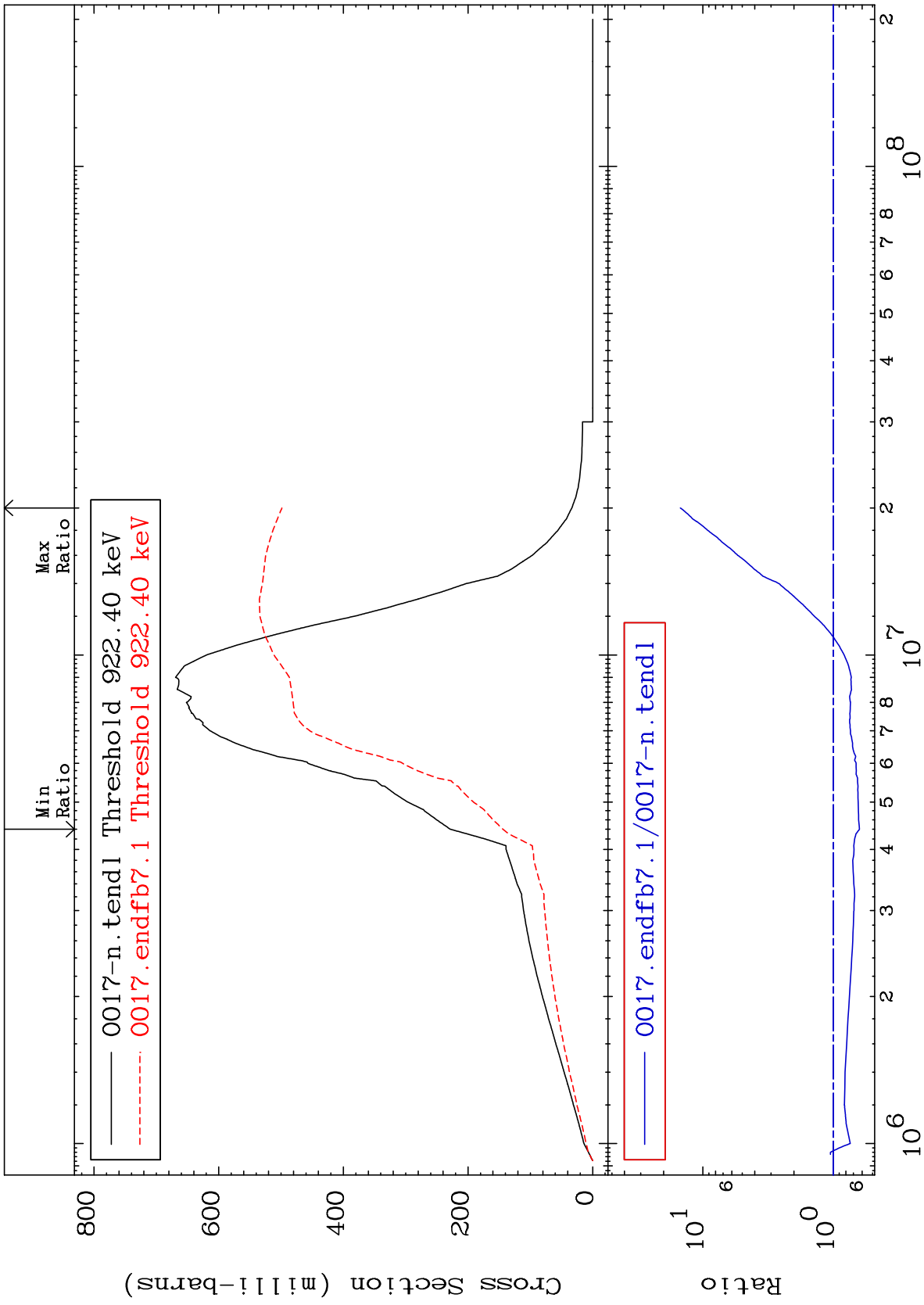
Elastic  
Cross Section

8-0 -17  
-80.49 To 11.71 %



MAT 828

Inelastic Cross Section  
8-0 -17  
-36.99 To 1390. %



Incident Energy (eV)

8-0 -17

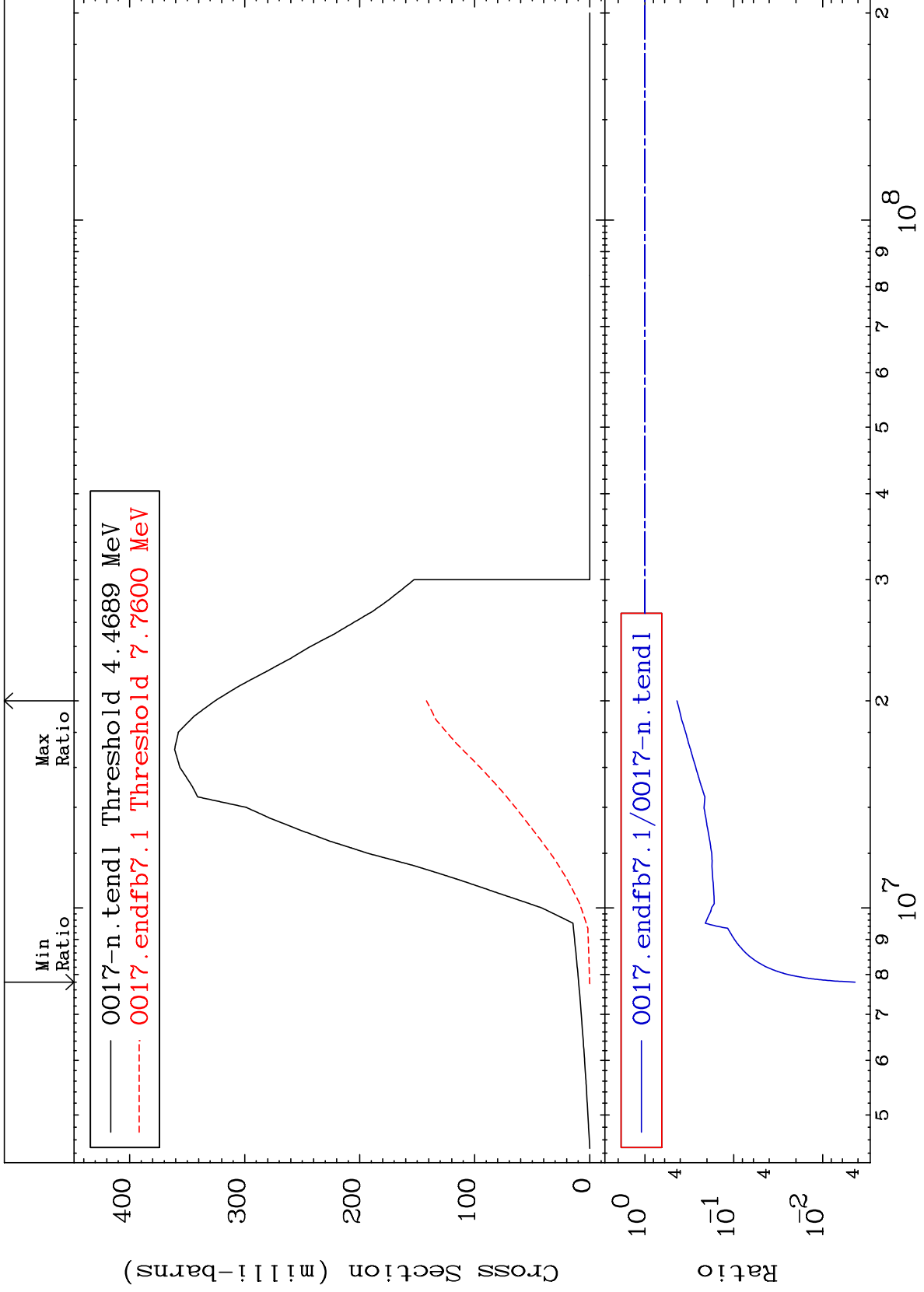
MAT 828

(n,2n)

Cross Section

8-0 -17

-99.57 To -56.41%



4

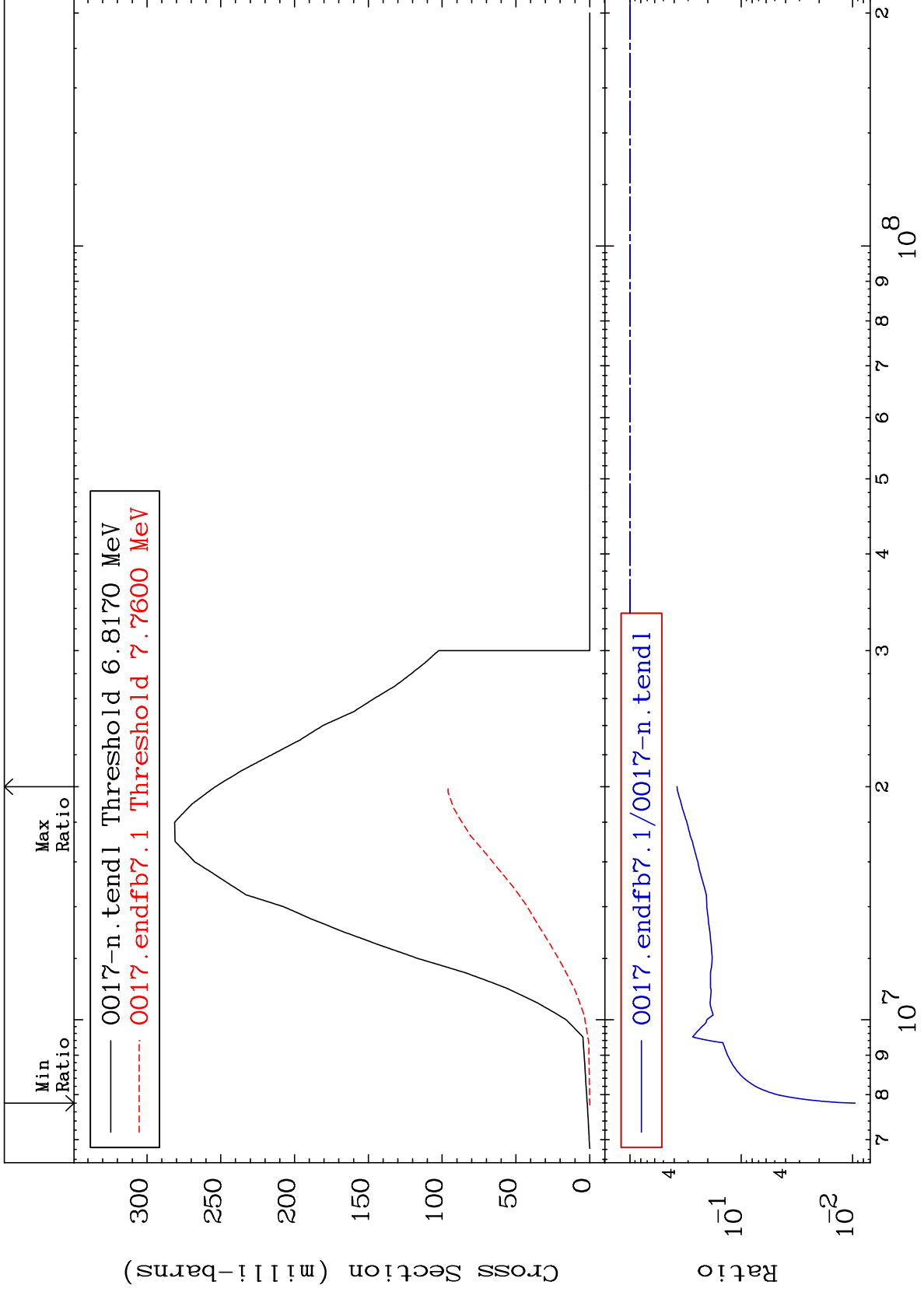
Incident Energy (eV)

8-0 -17

MAT 828

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

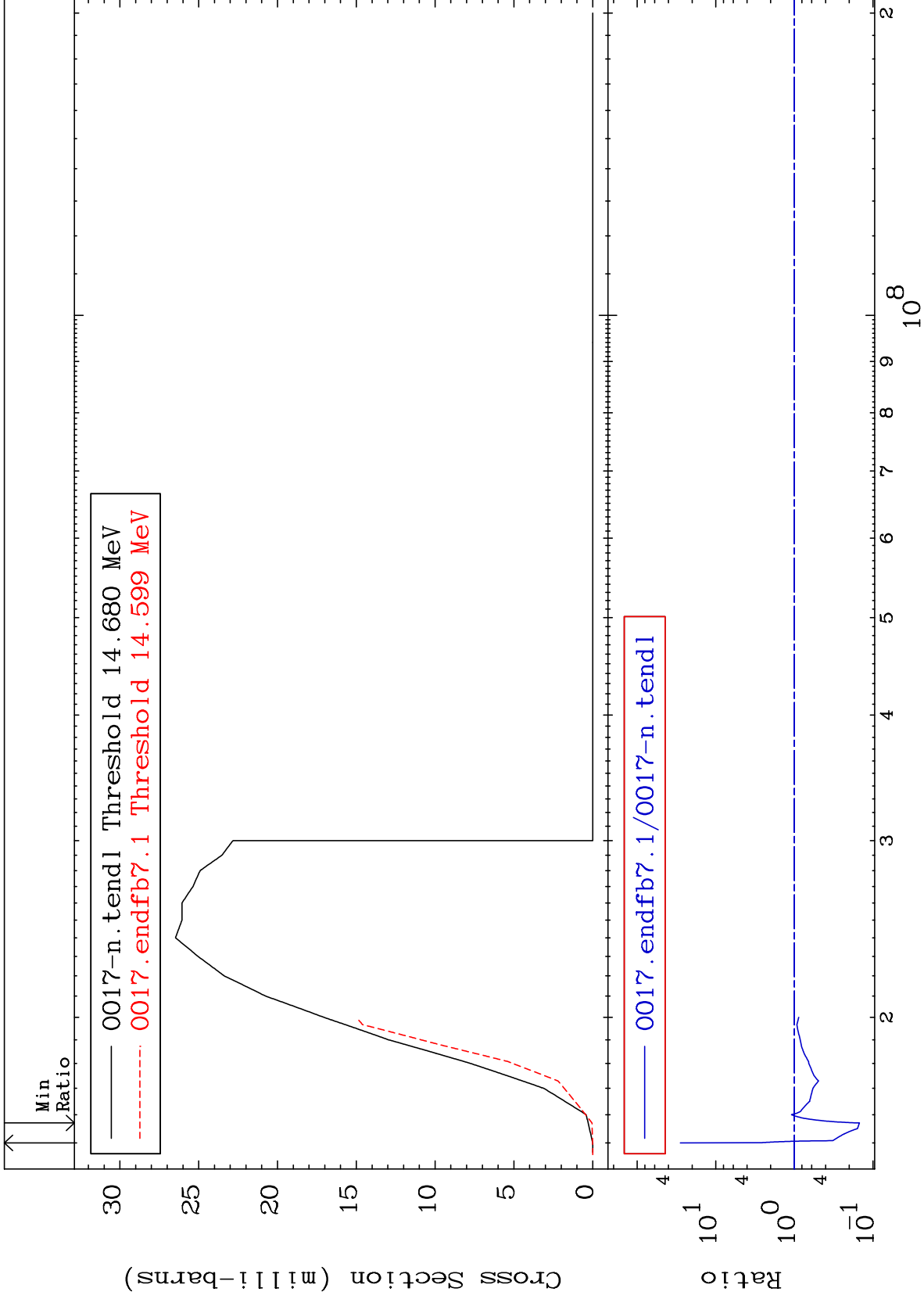
8-0 -17  
-99.05 To -62.17%



5

Incident Energy (eV)

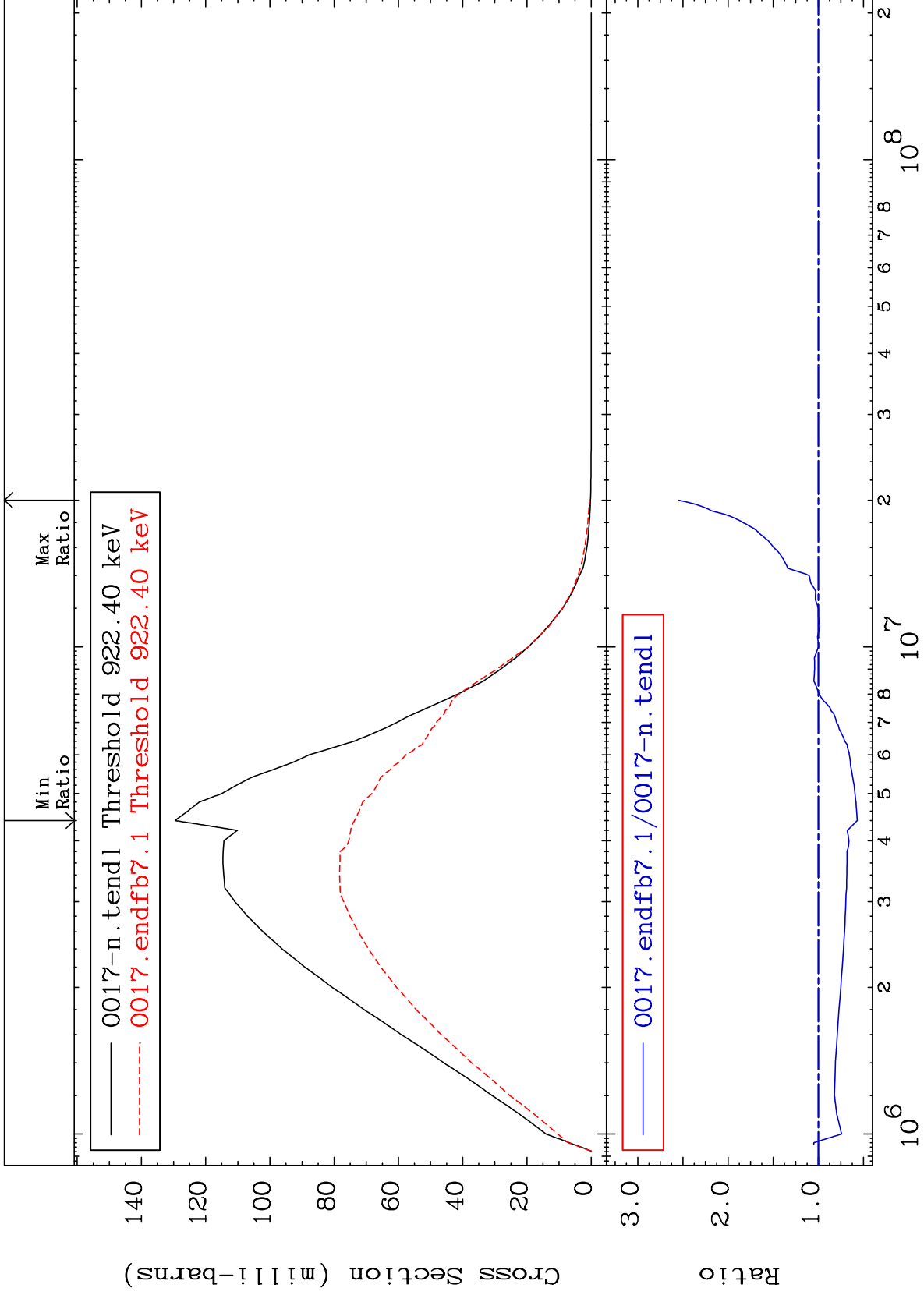
8-0 -17



MAT 828

870.7 keV (n,n') Level  
Cross Section

8-0 -17  
-43.13 To 154.7 %

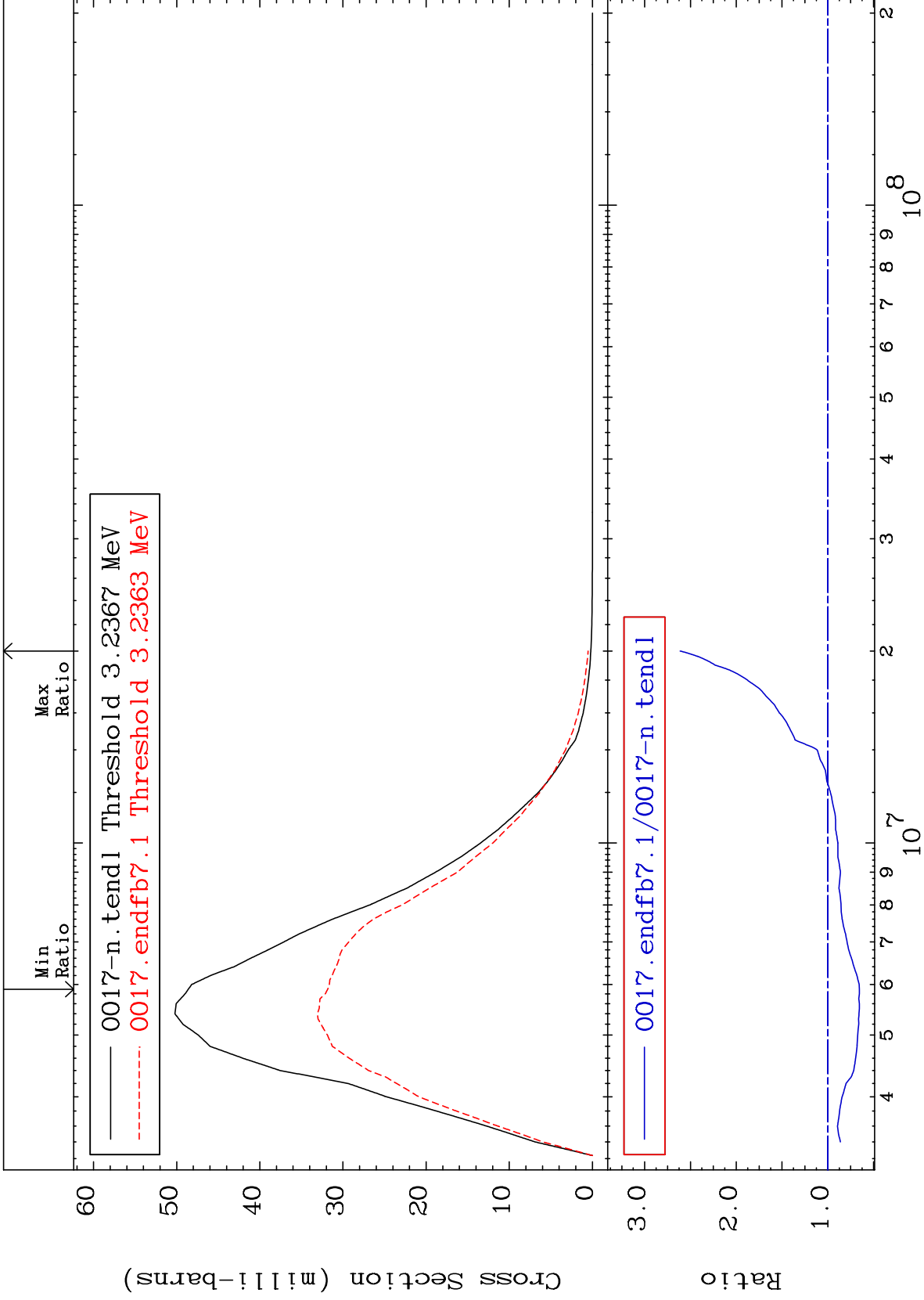


8-0 -17

MAT 828

3.055 MeV (n,n') Level  
Cross Section

8-0 -17  
-34.49 To 161.3 %



8

Incident Energy (eV)

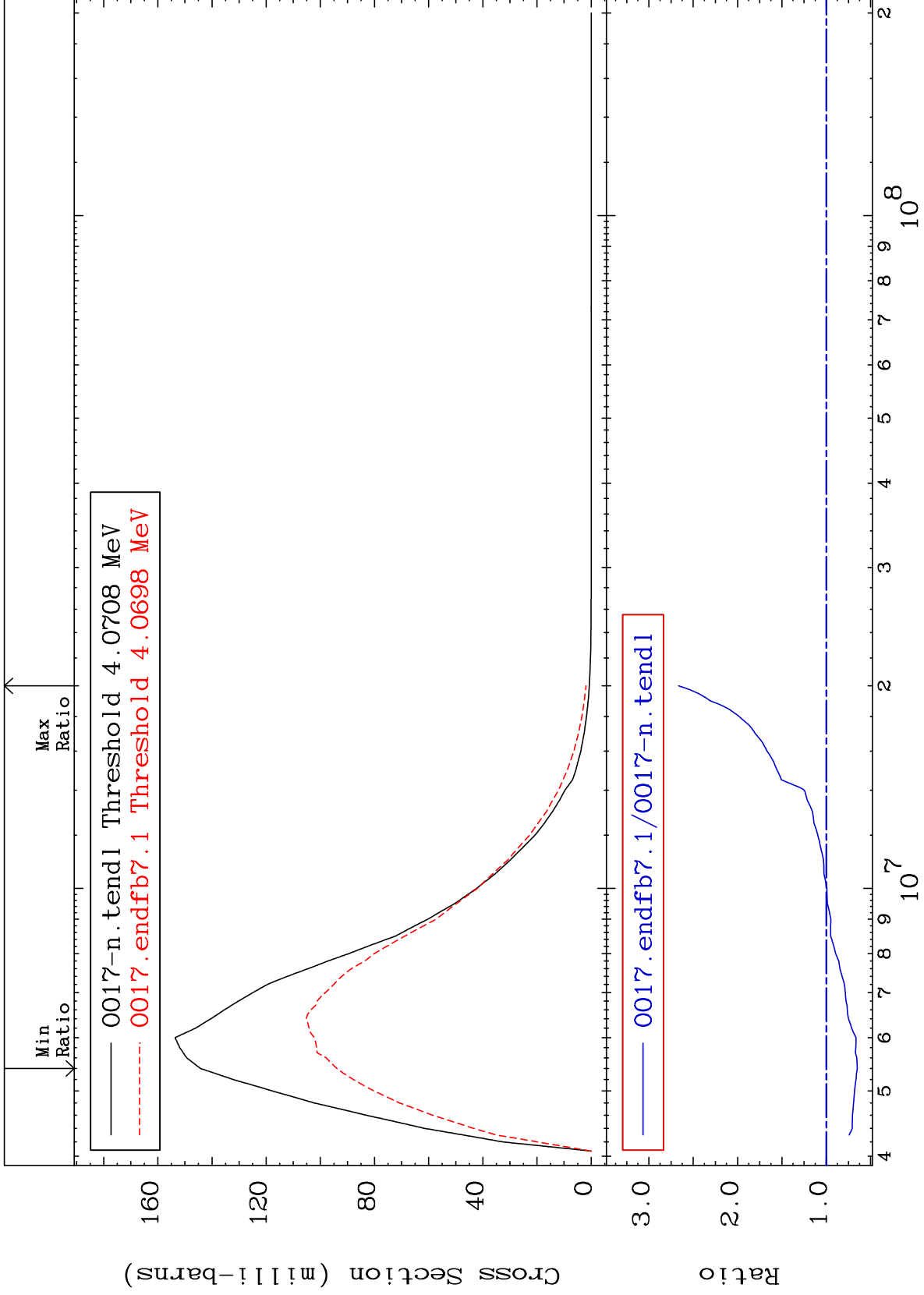
8-0 -17



MAT 828

3.843 MeV (n,n') Level  
Cross Section

8-0 -17  
-34.93 To 166.5 %



9

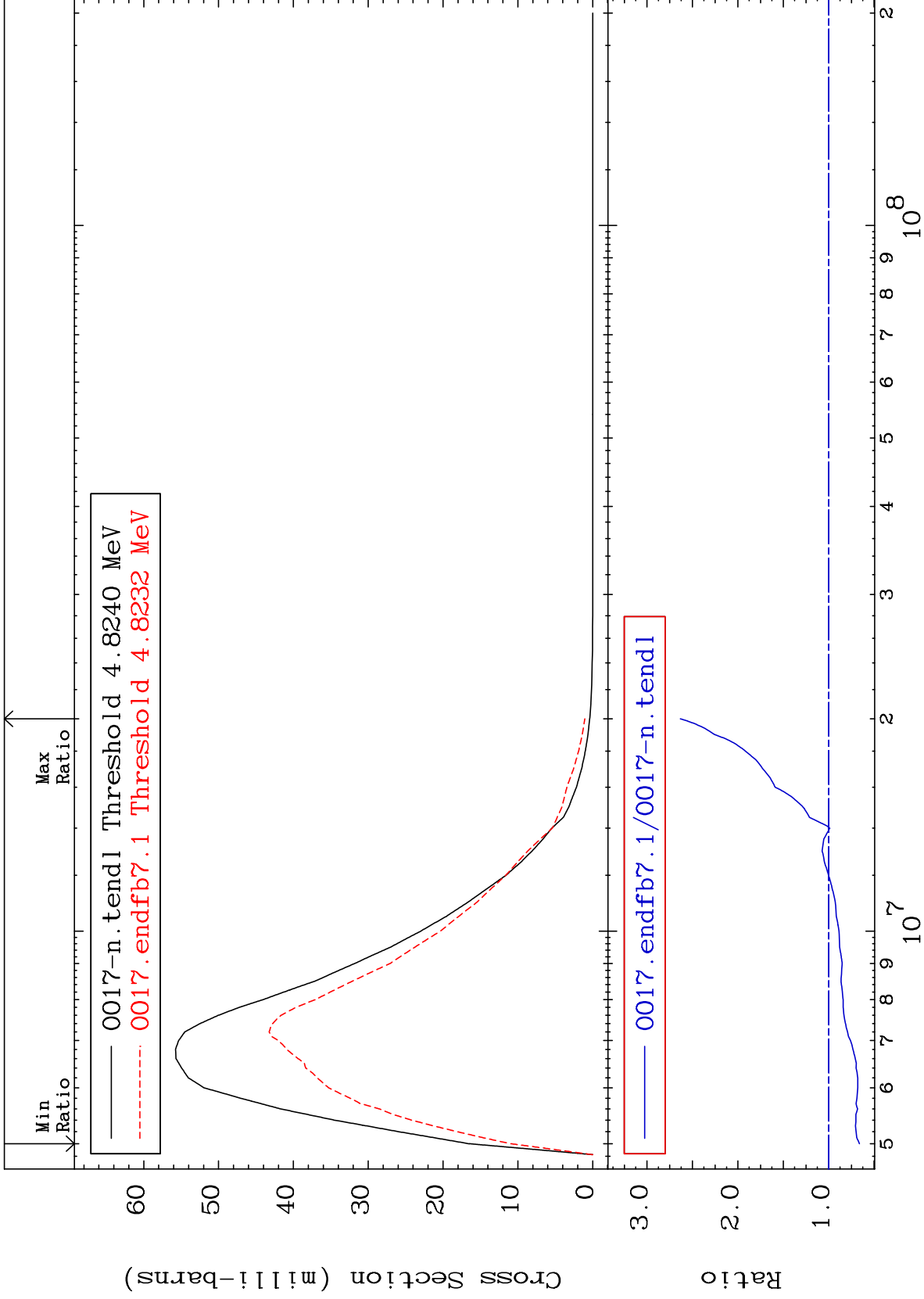
Incident Energy (eV)

8-0 -17

MAT 828

4.554 MeV (n,n') Level  
Cross Section

8-0 -17  
-33.83 To 163.3 %



10

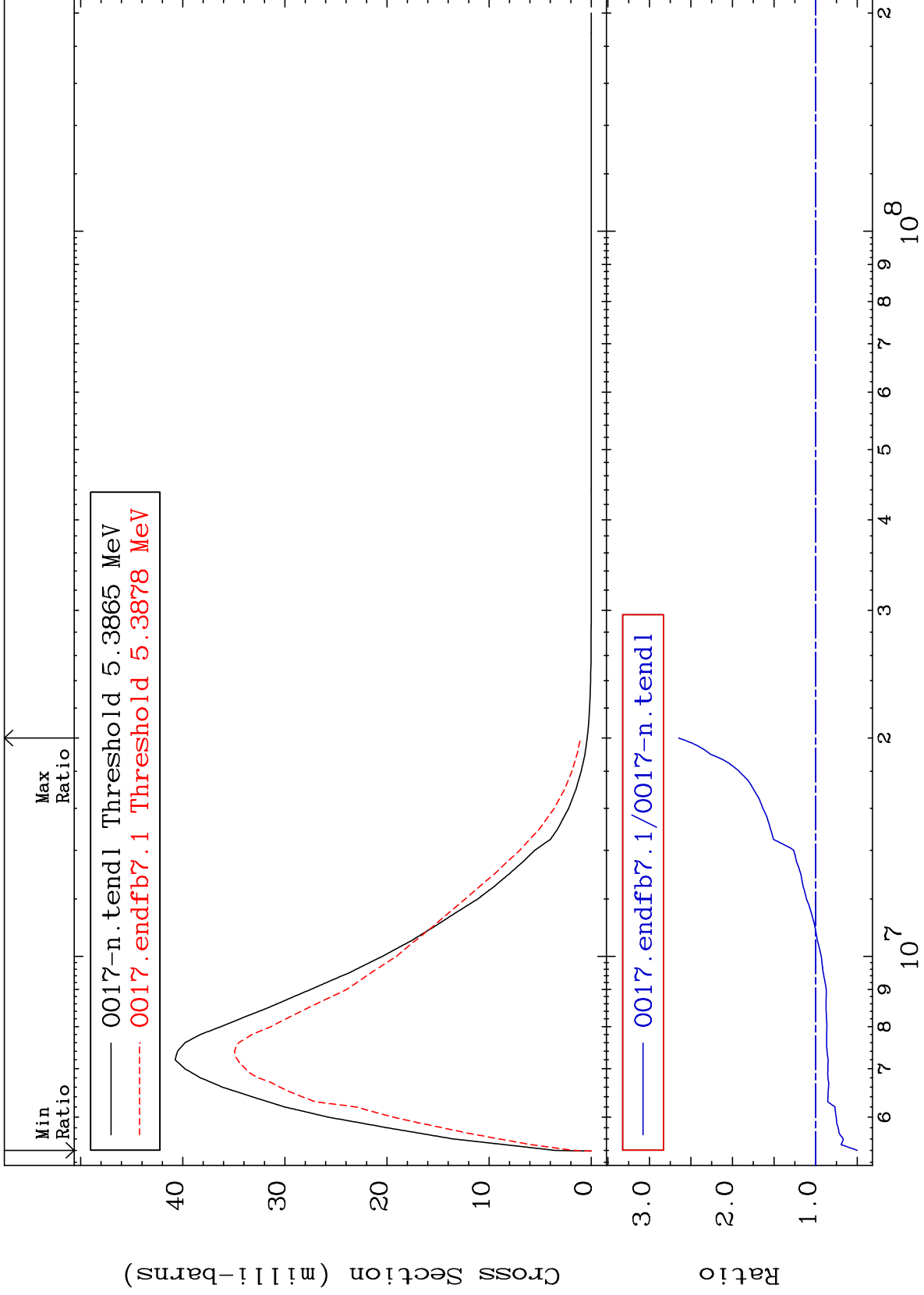
Incident Energy (eV)

8-0 -17

MAT 828

5.085 MeV (n,n') Level  
Cross Section

8-0 -17  
-50.09 To 164.8 %



11

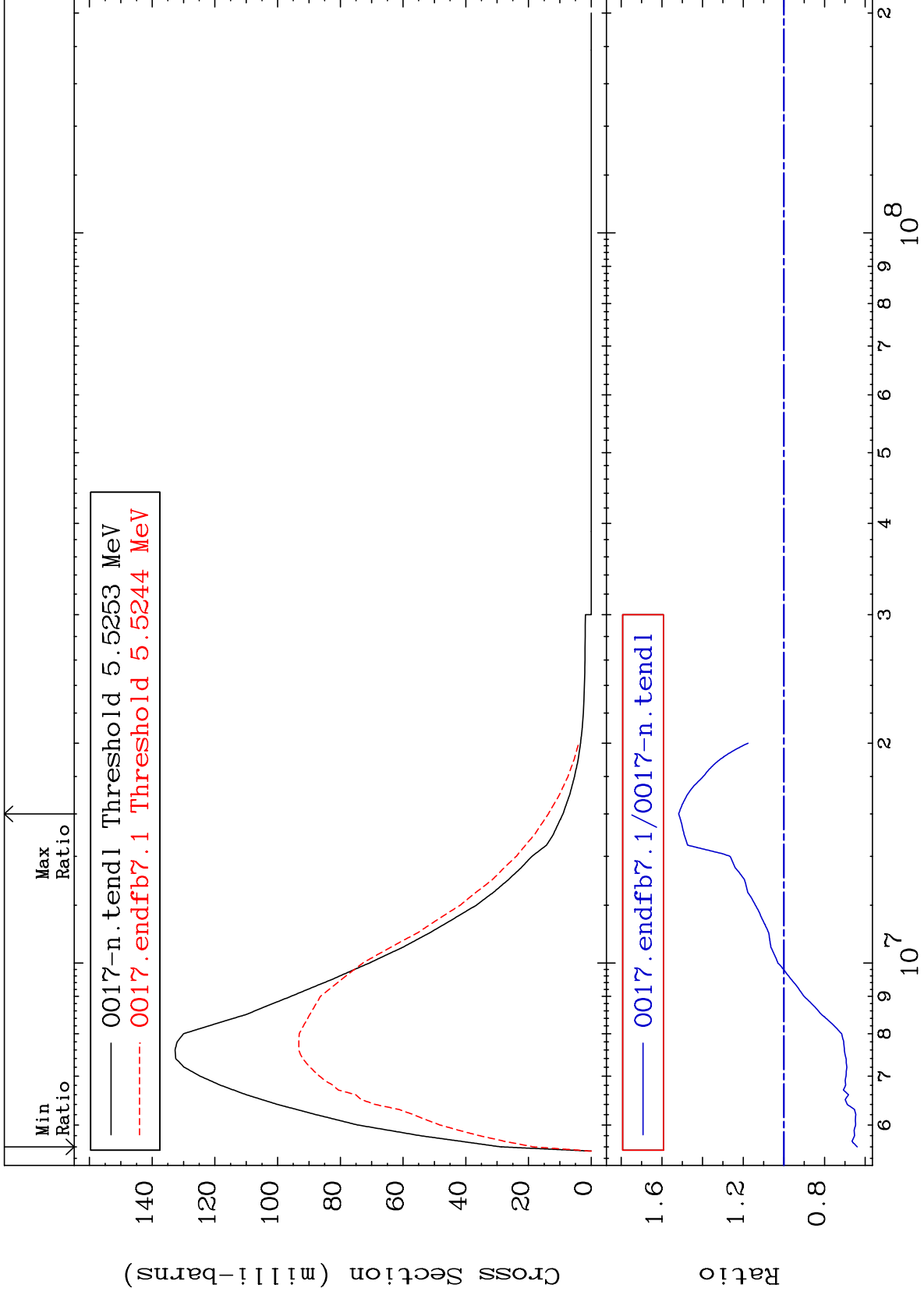
Incident Energy (eV)

8-0 -17

MAT 828

5.216 MeV (n,n') Level  
Cross Section

8-0 -17  
-36.07 To 51.78 %



12

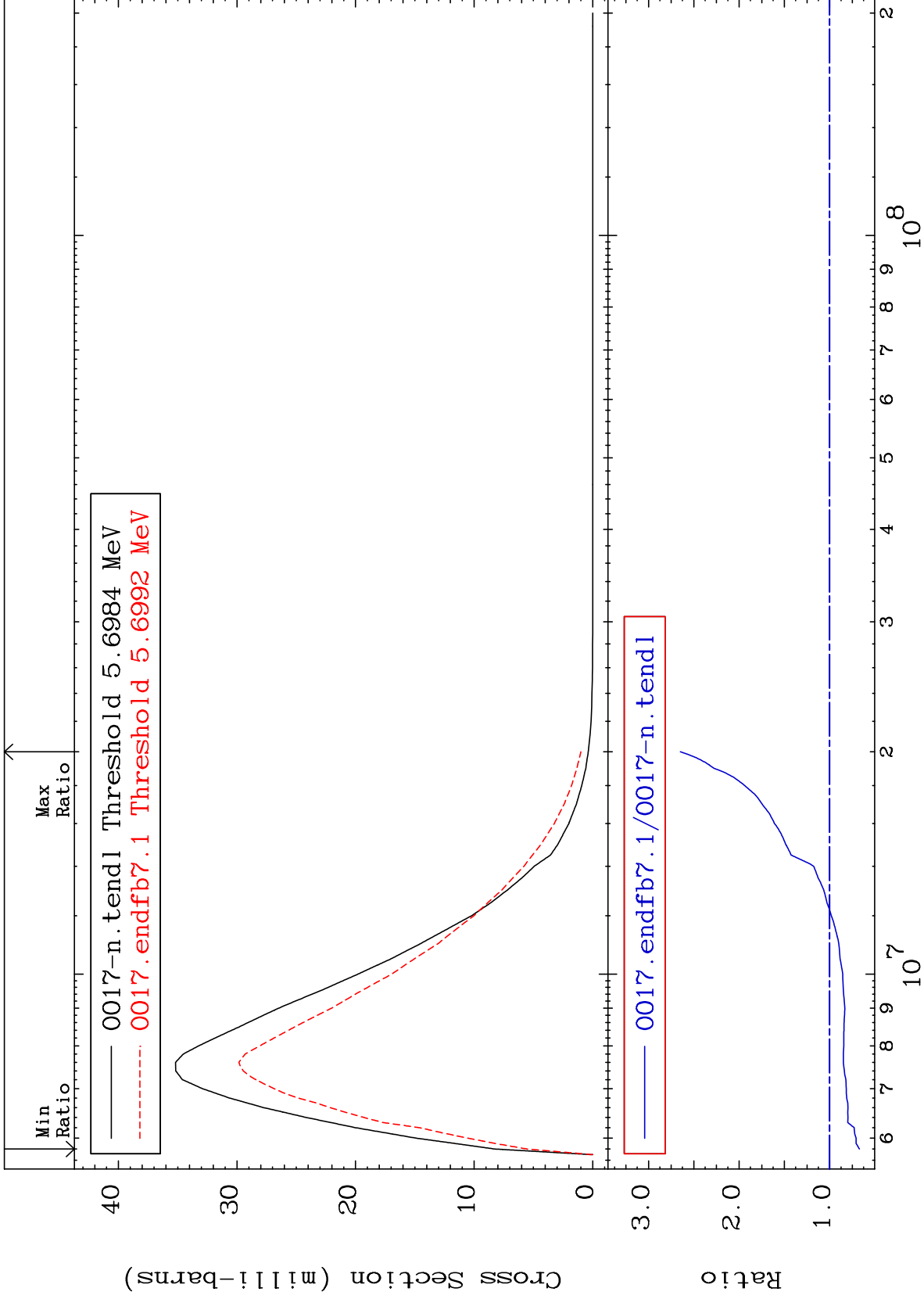
Incident Energy (eV)

8-0 -17

MAT 828

5.379 MeV (n,n') Level  
Cross Section

8-0 -17  
-32.85 To 164.9 %



13

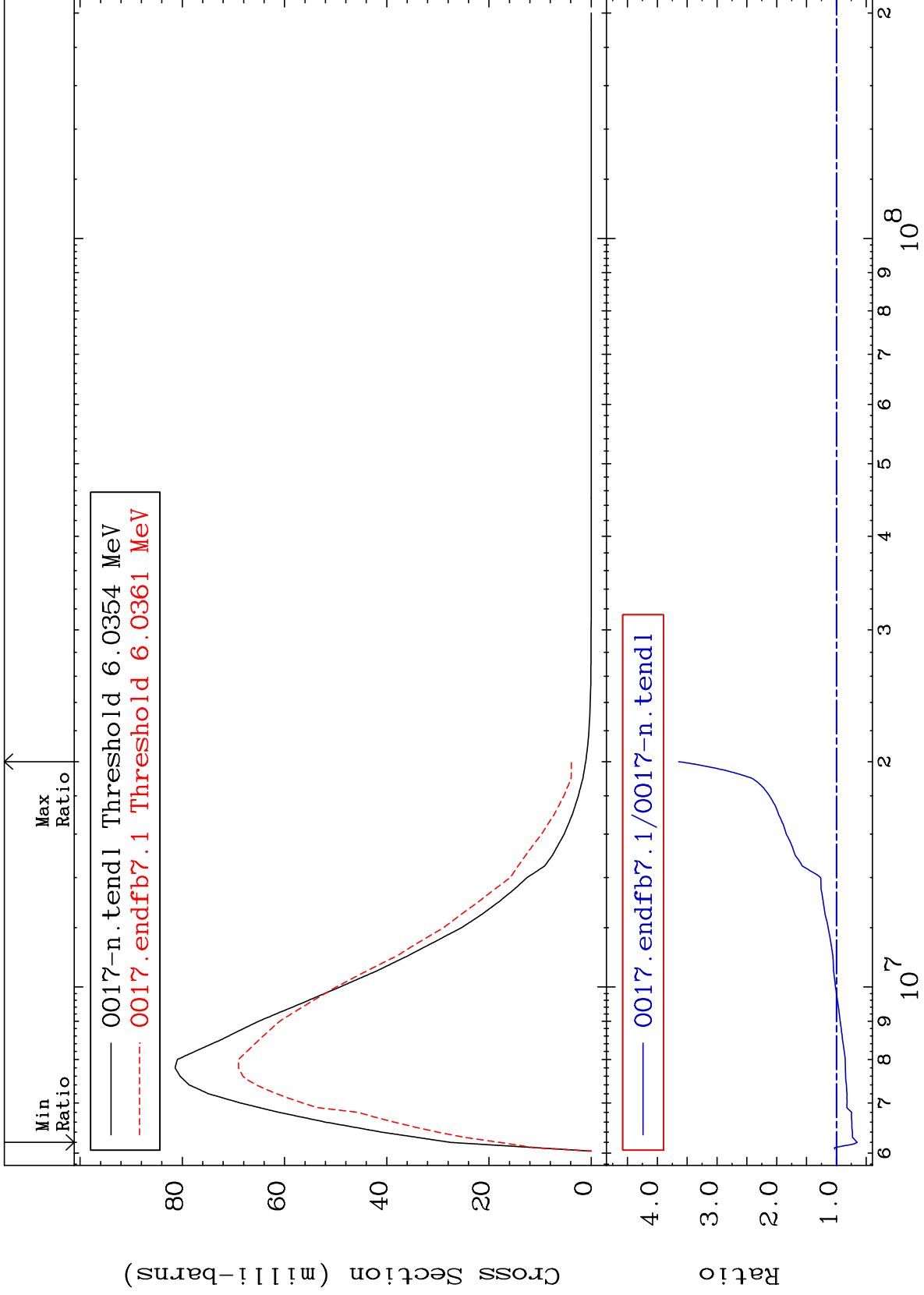
Incident Energy (eV)

8-0 -17

MAT 828

5.697 MeV (n,n') Level  
Cross Section

8-0 -17  
-34.94 To 264.3 %



14

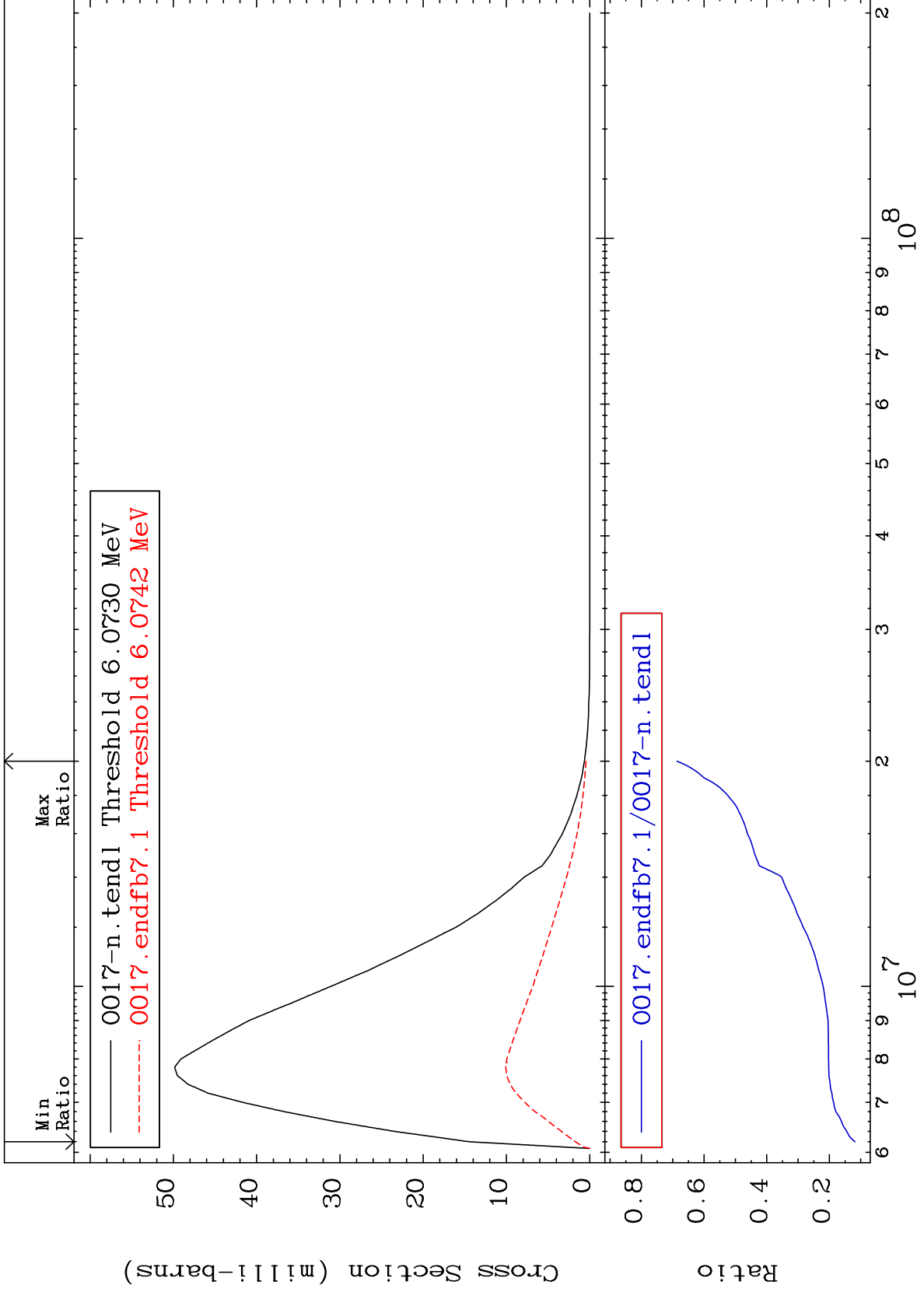
Incident Energy (eV)

8-0 -17

MAT 828

5.733 MeV (n,n') Level  
Cross Section

8-0 -17  
-88.18 To -31.33%



15

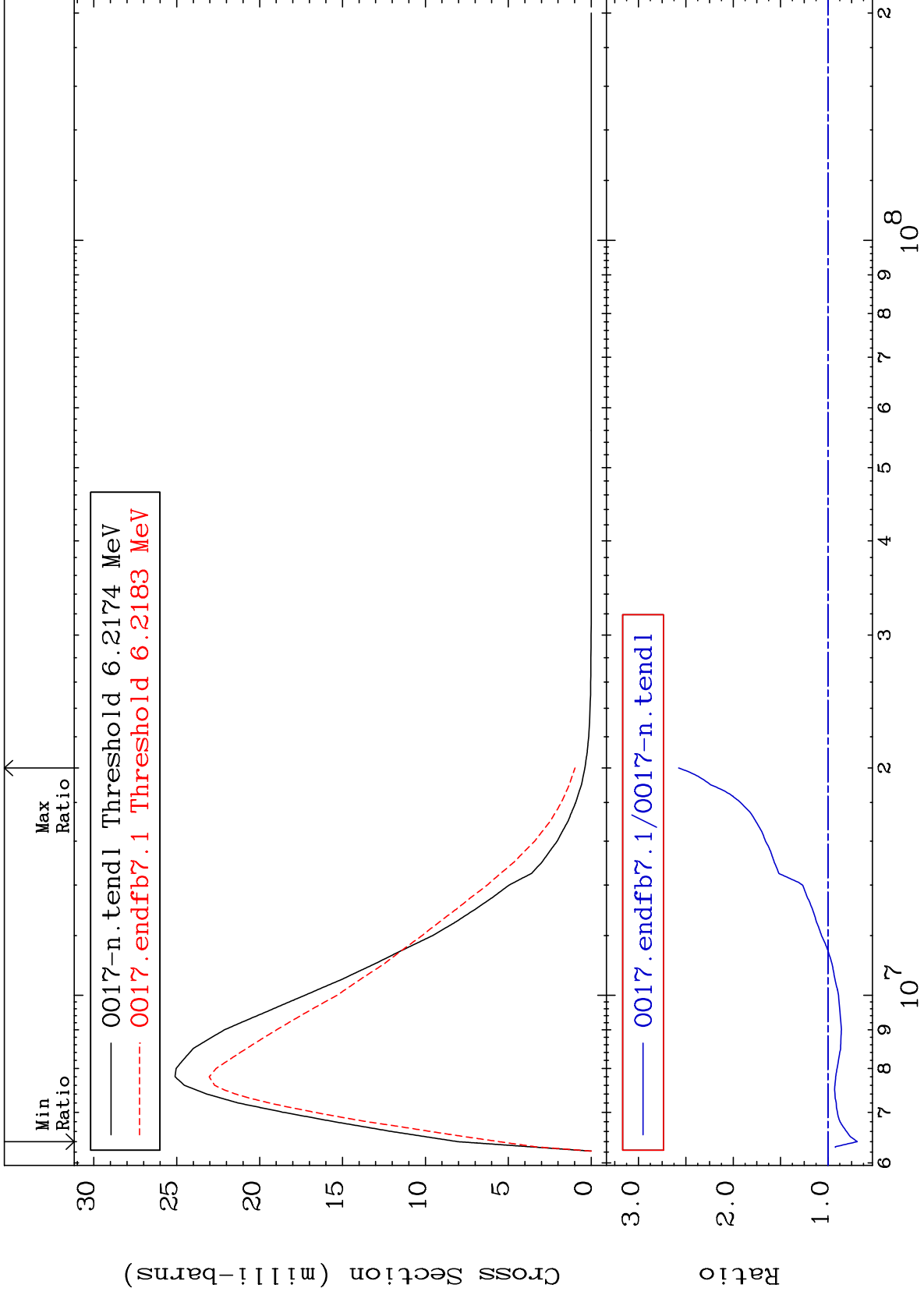
Incident Energy (eV)

8-0 -17

MAT 828

5.869 MeV (n,n') Level  
Cross Section

8-0 -17  
-31.00 To 157.6 %



16

Incident Energy (eV)

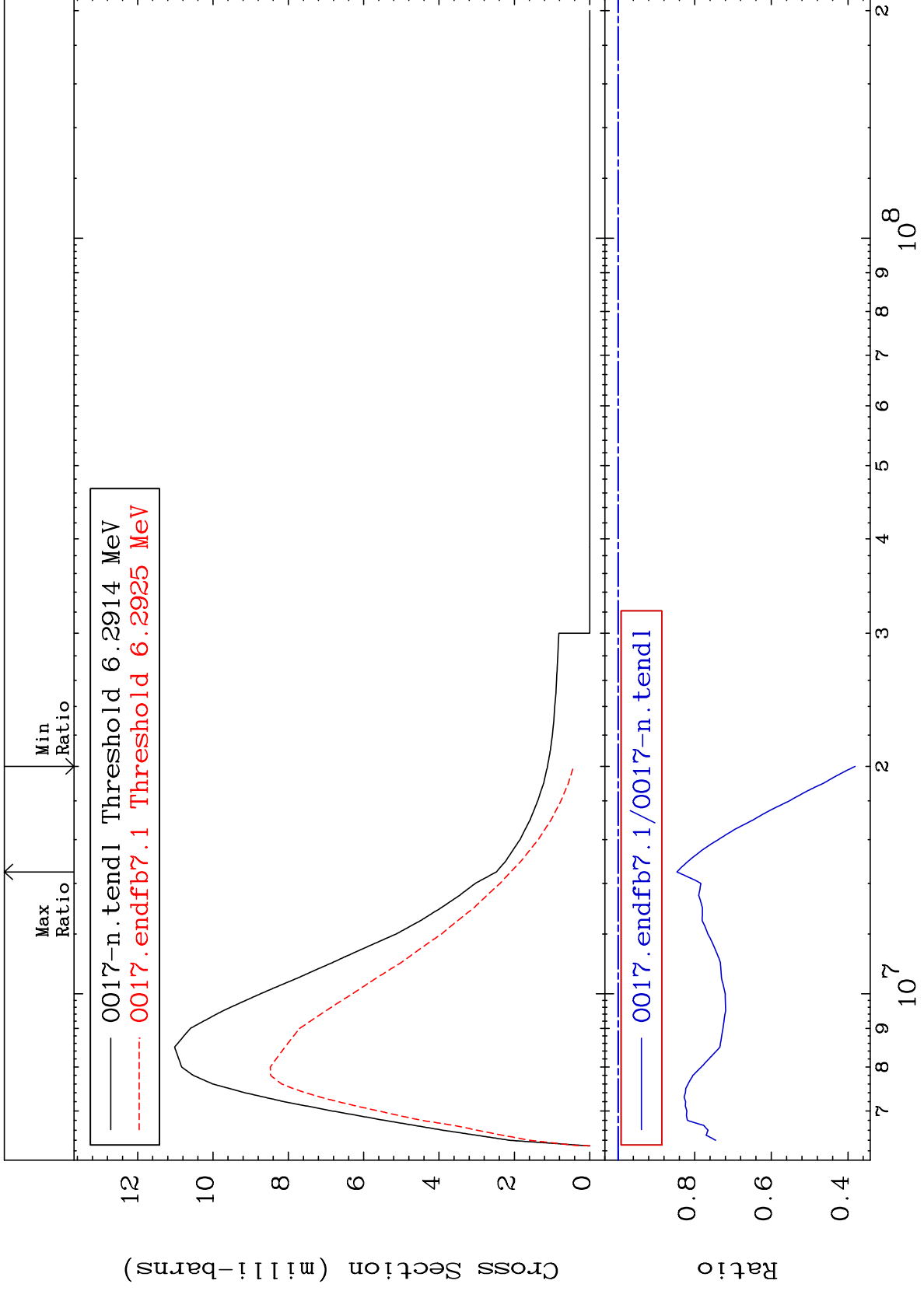
8-0 -17



MAT 828

5.939 MeV (n,n') Level  
Cross Section

8-0 -17  
-61.86 To -15.36%



17

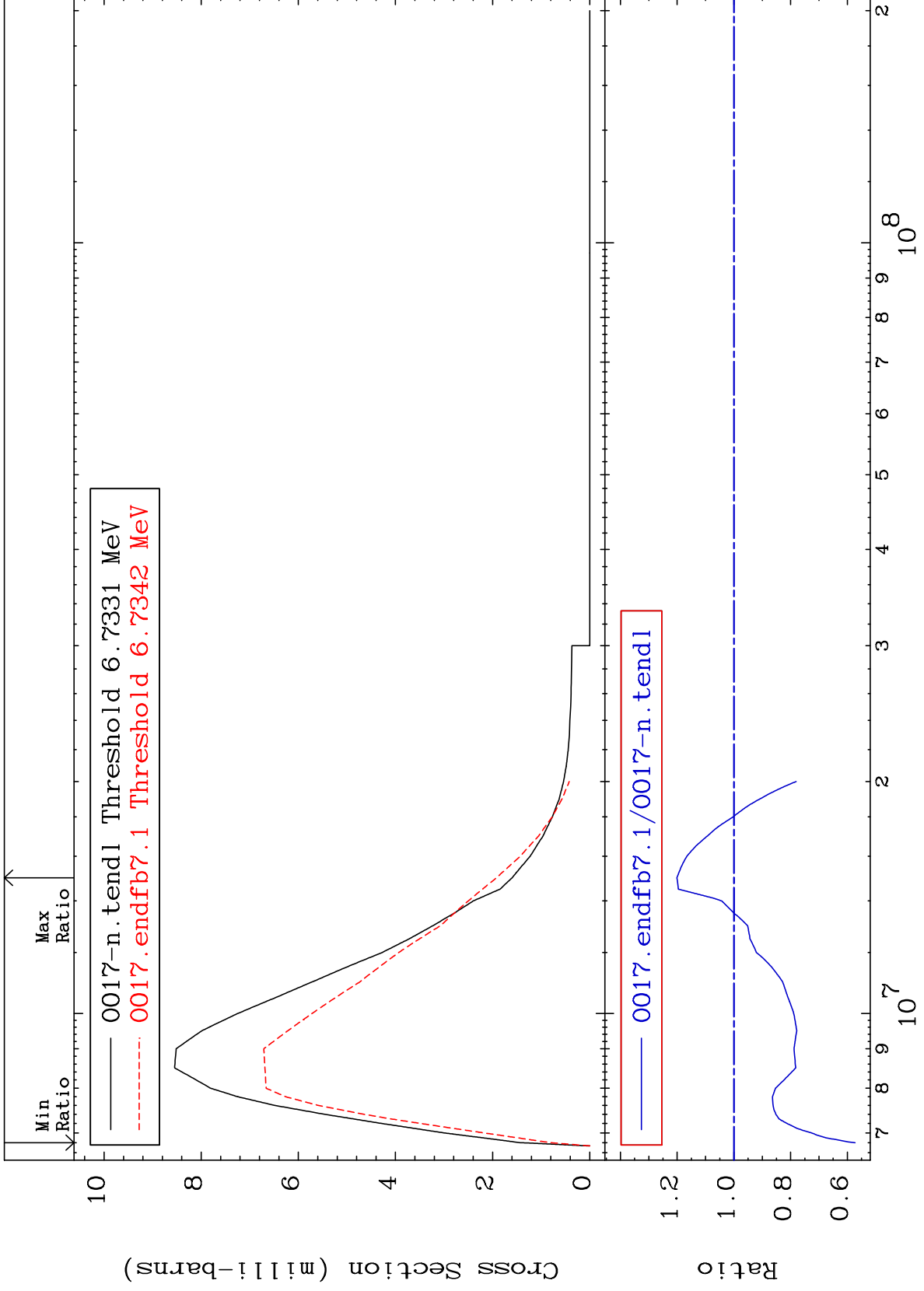
Incident Energy (eV)

8-0 -17

MAT 828

6.356 MeV (n,n') Level  
Cross Section

8-0 -17  
-42.72 To 20.09 %



18

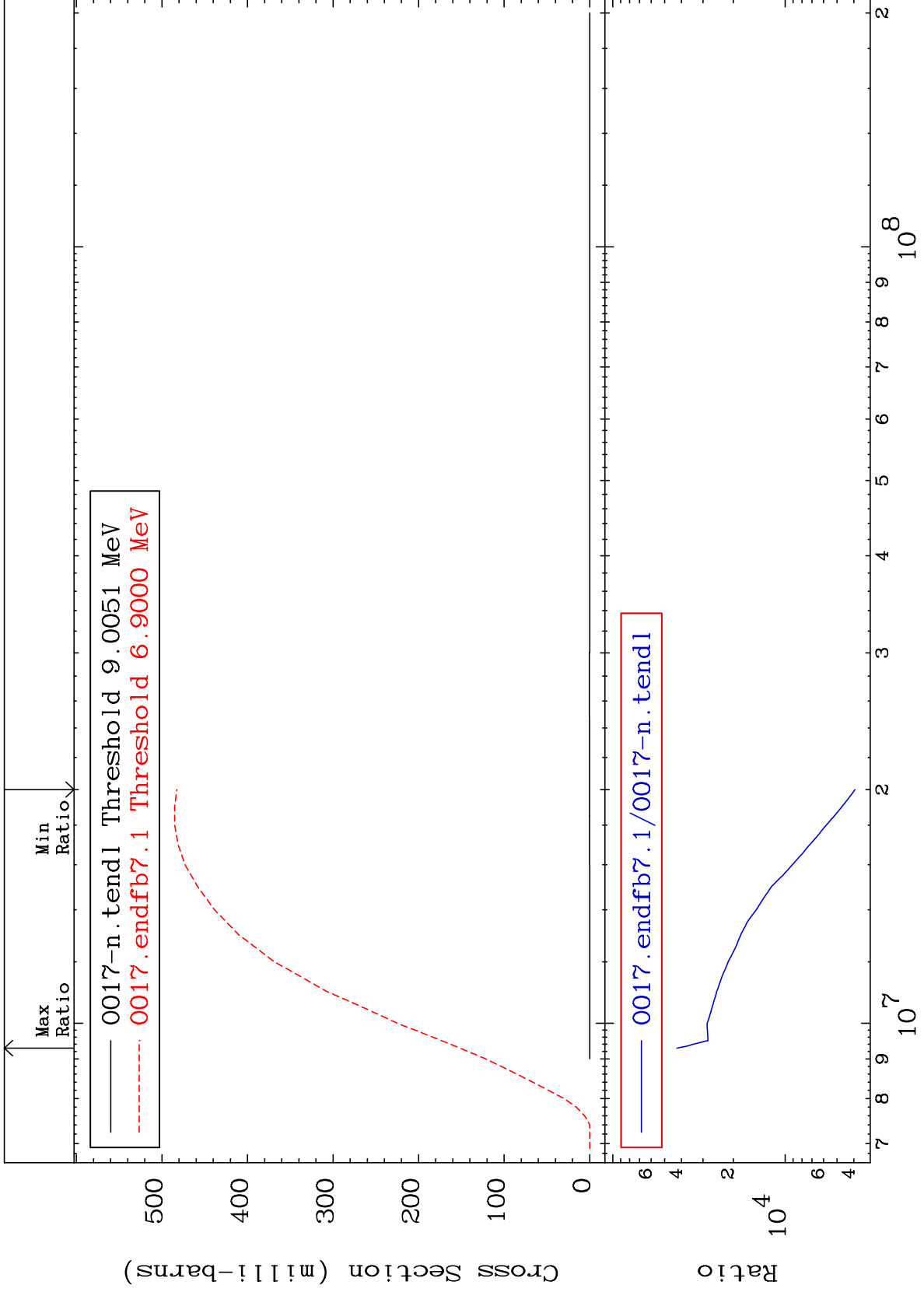
Incident Energy (eV)

8-0 -17

MAT 828

(n,n') Continuum  
Cross Section

8-0 -17  
9999. To 9999. %



19

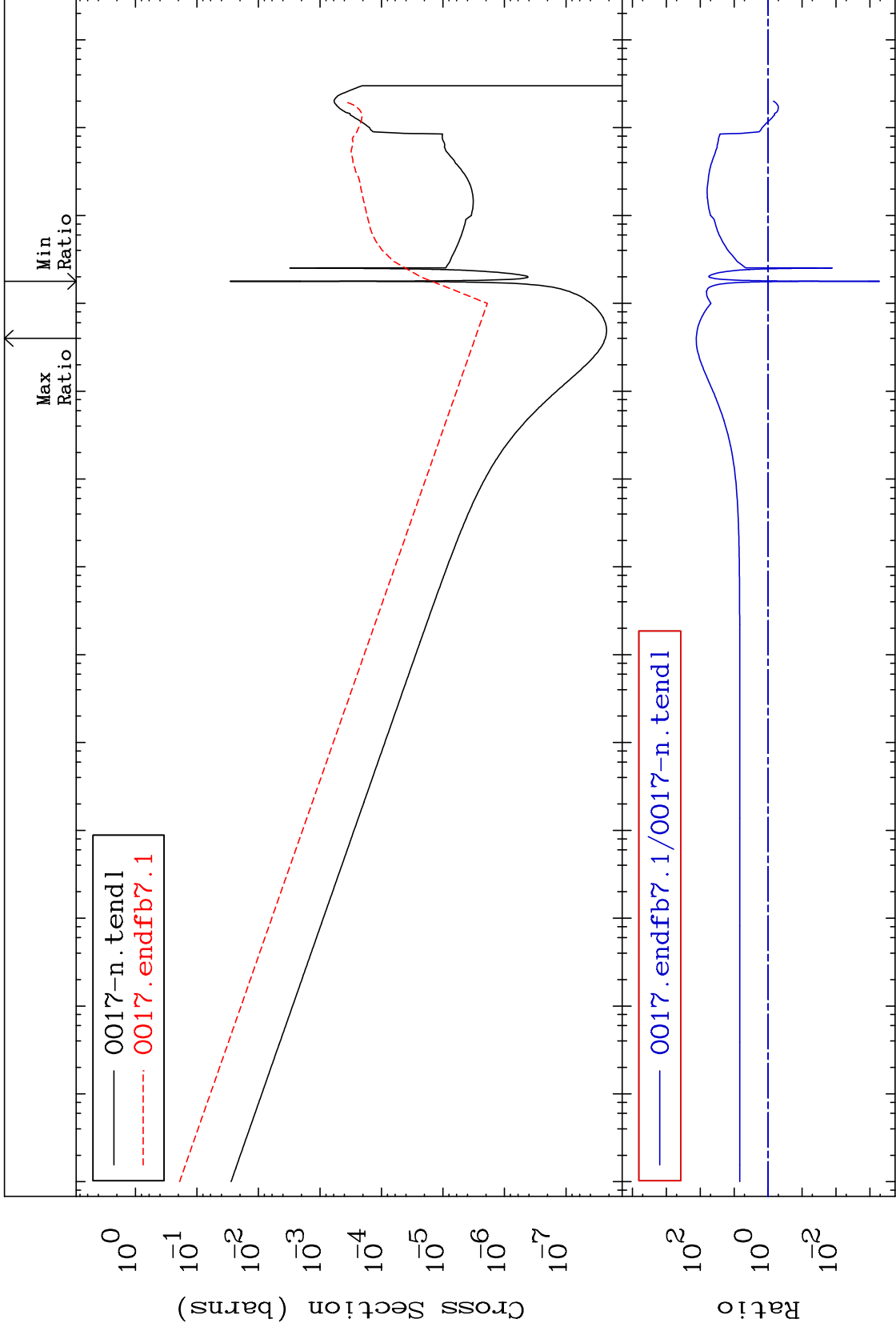
Incident Energy (eV)

8-0 -17

MAT 828

(n,  $\gamma$ )  
Cross Section

8-0 -17  
-99.95 To 9999. %



20

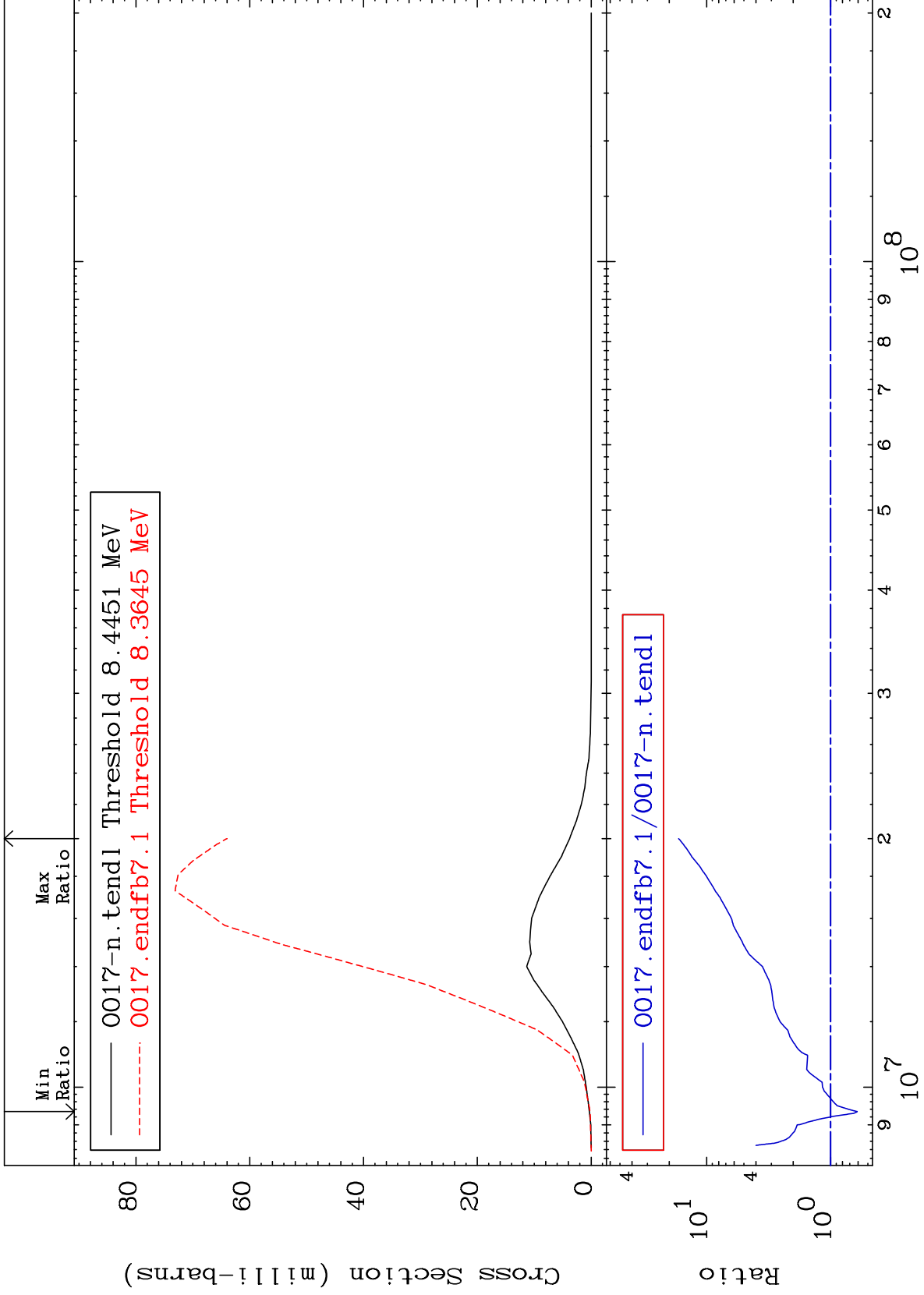
Incident Energy (eV)

8-0 -17

MAT 828

(n,p)  
Cross Section

8-0 -17  
-39.13 To 1582. %



21

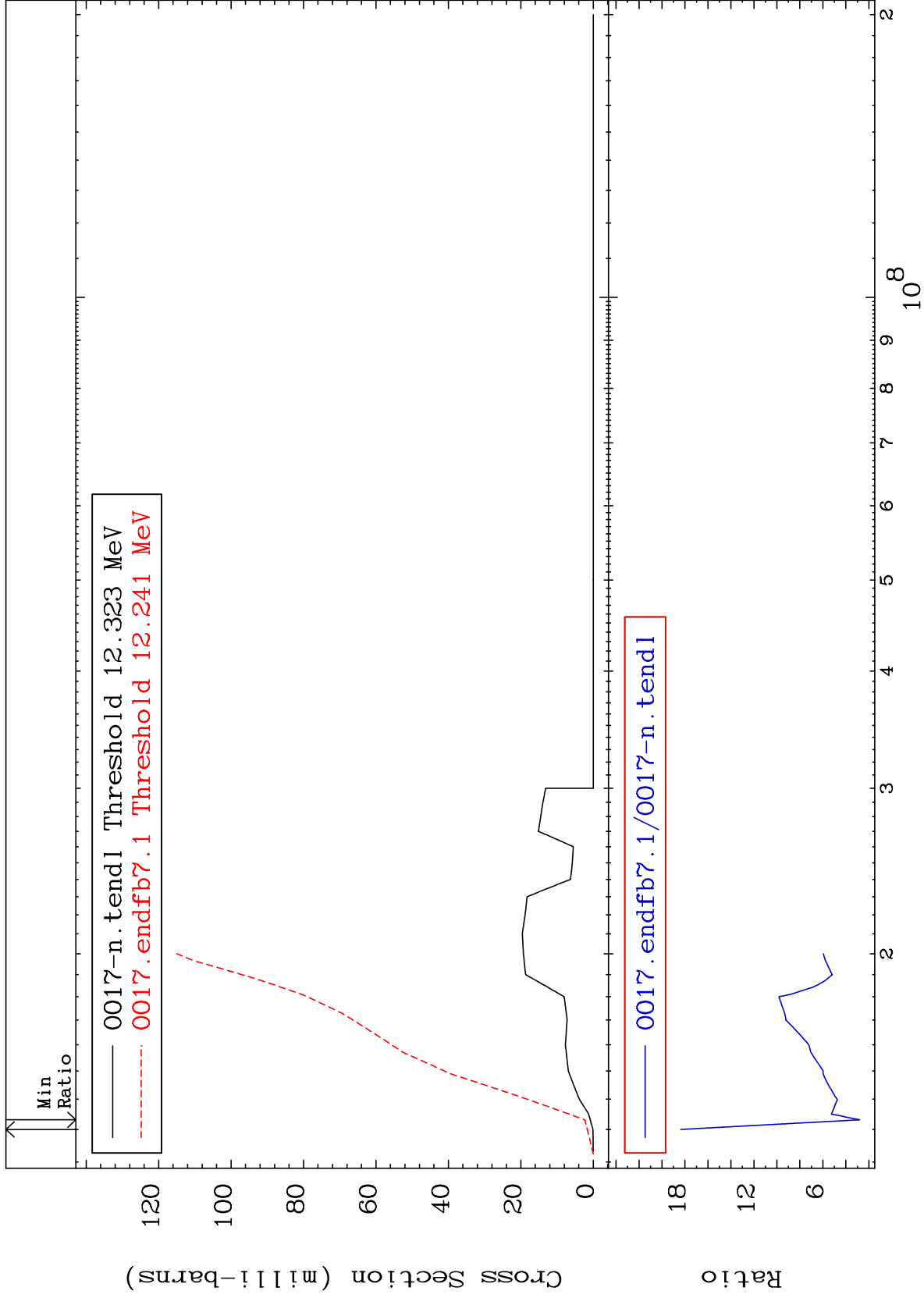
Incident Energy (eV)

8-0 -17

MAT 828

(n, d)  
Cross Section

8-0 -17  
181.0 To 1737. %



22

Incident Energy (eV)

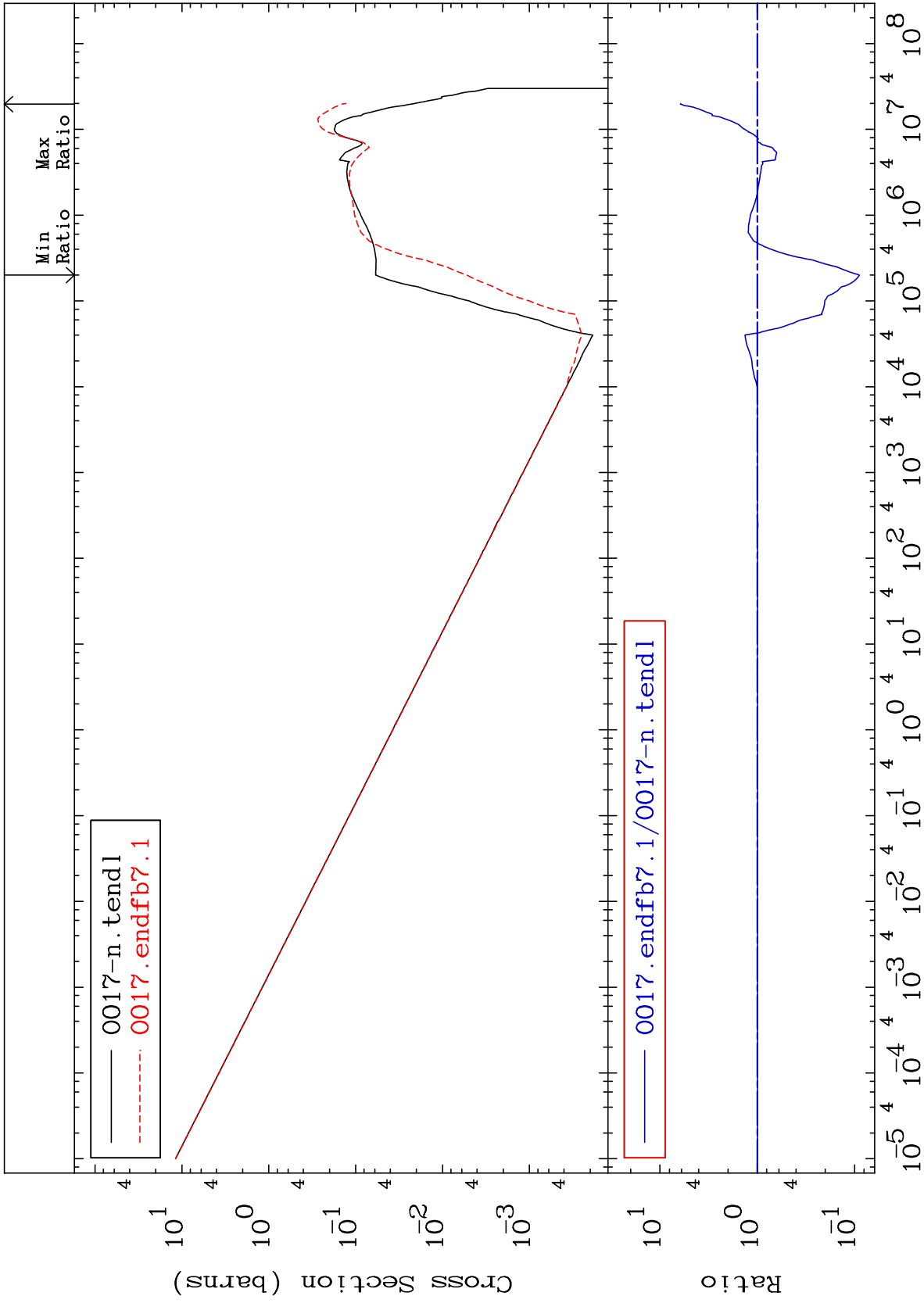
8-0 -17

MAT 828

(n,  $\alpha$ )

Cross Section

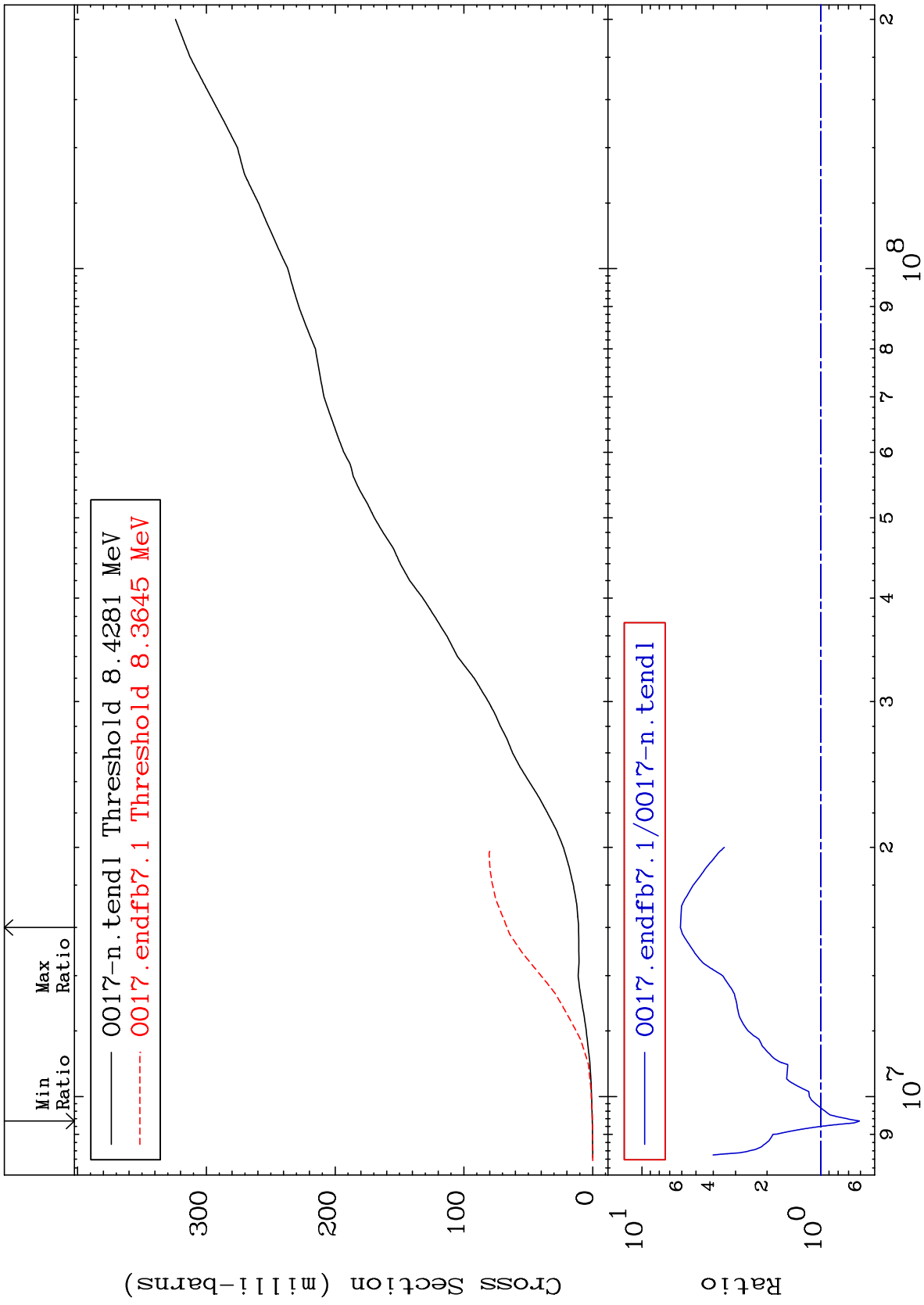
8-0 -17  
-91.08 To 517.1 %



MAT 828

### Hydrogen Production Cross Section

8-0 -17  
-39.13 To 510.4 %



24

Incident Energy (eV)

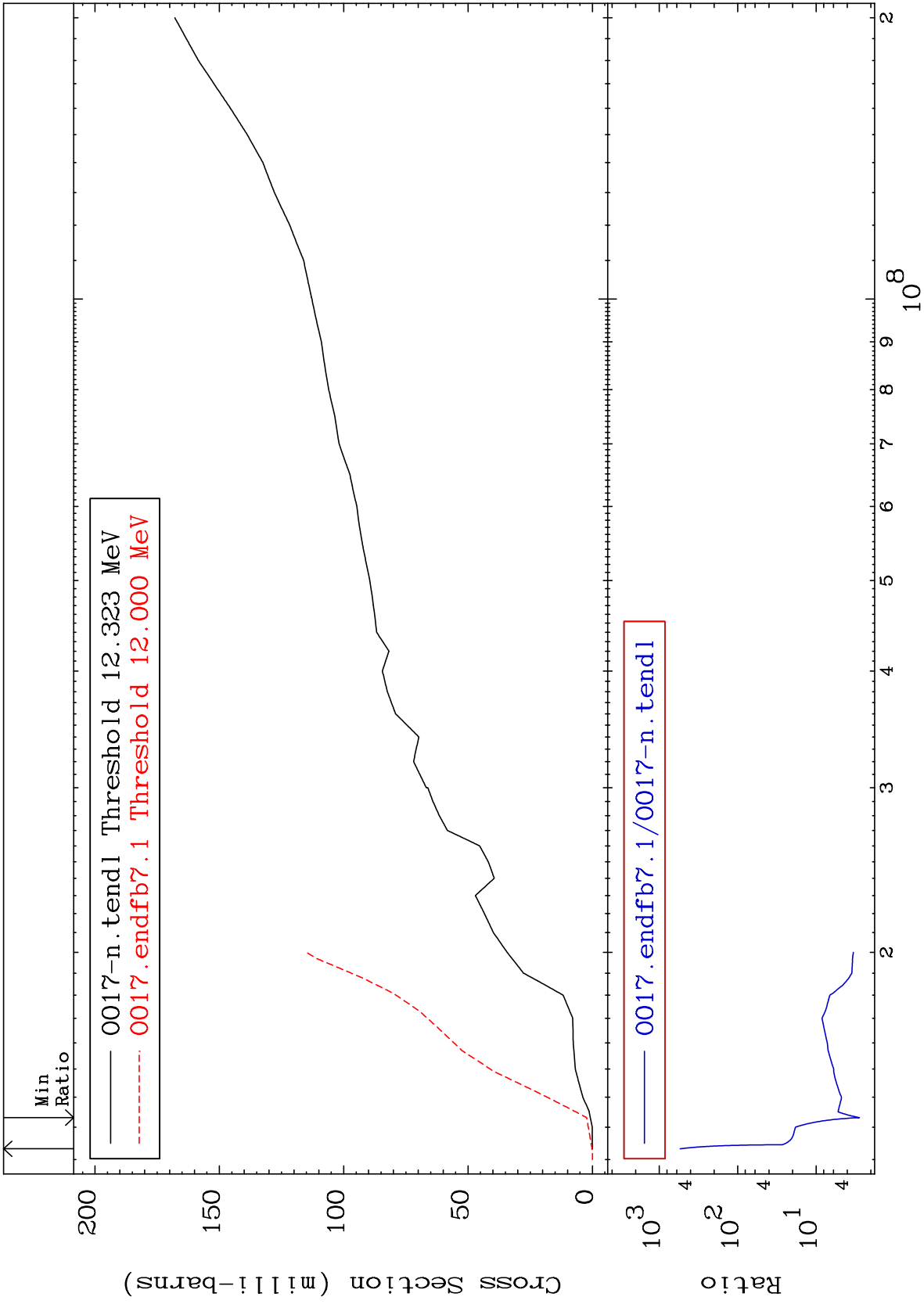
8-0 -17

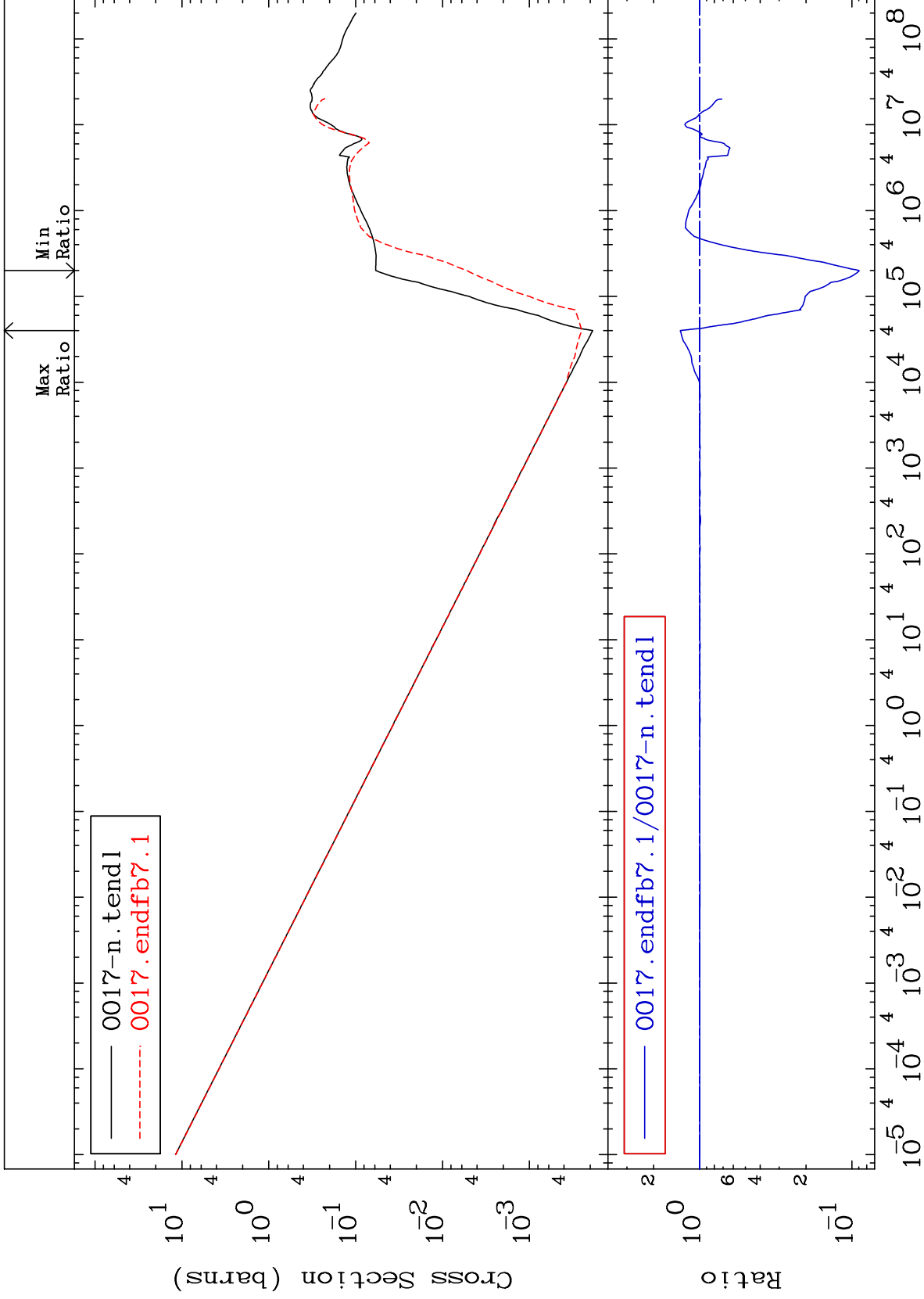


MAT 828

Deuterium Production  
Cross Section

8-0 -17  
181.0 To 9999. %

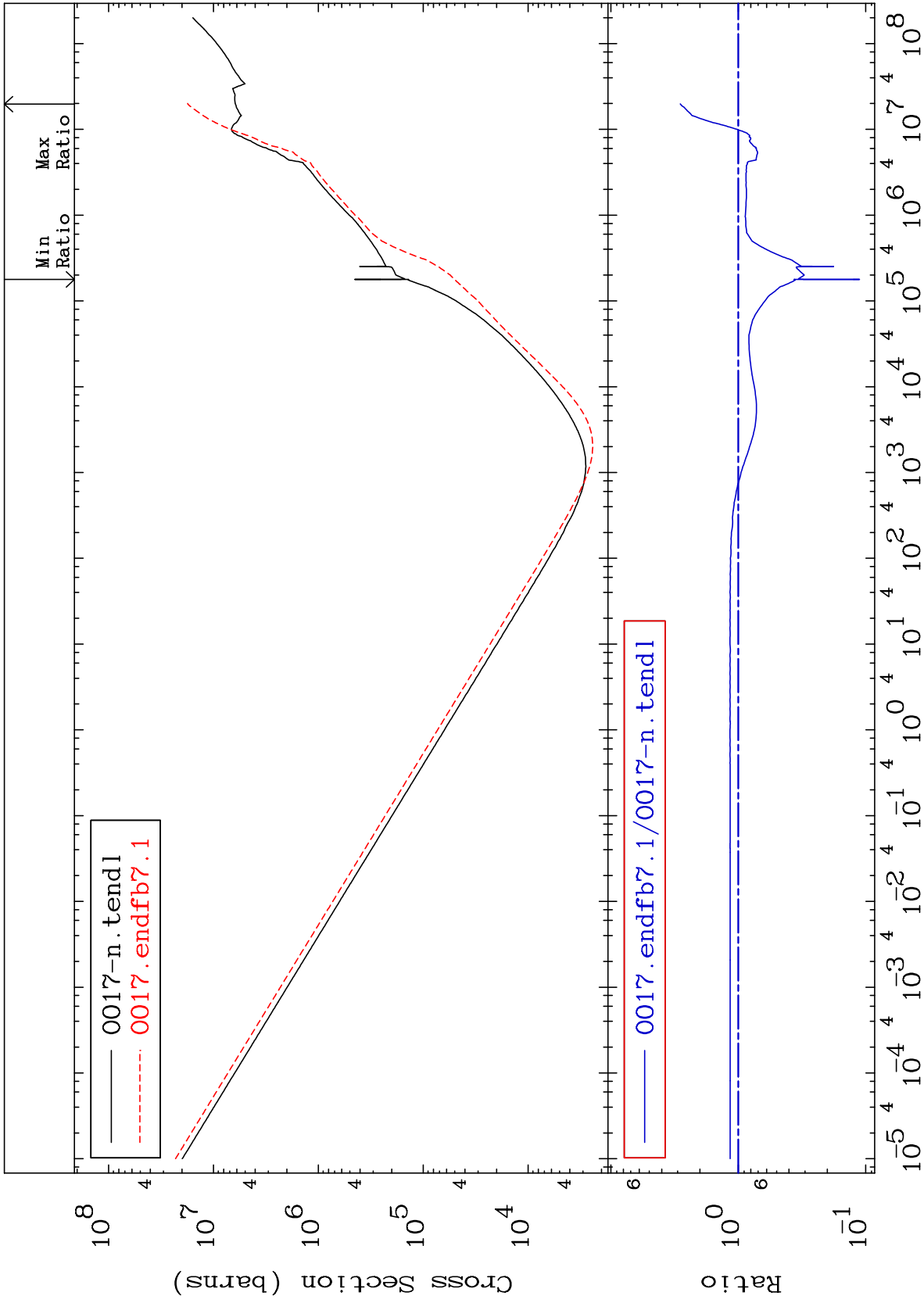




MAT 828

Kerma total (eV-barns)  
Cross Section

8-0 -17  
-88.80 To 185.3 %



27

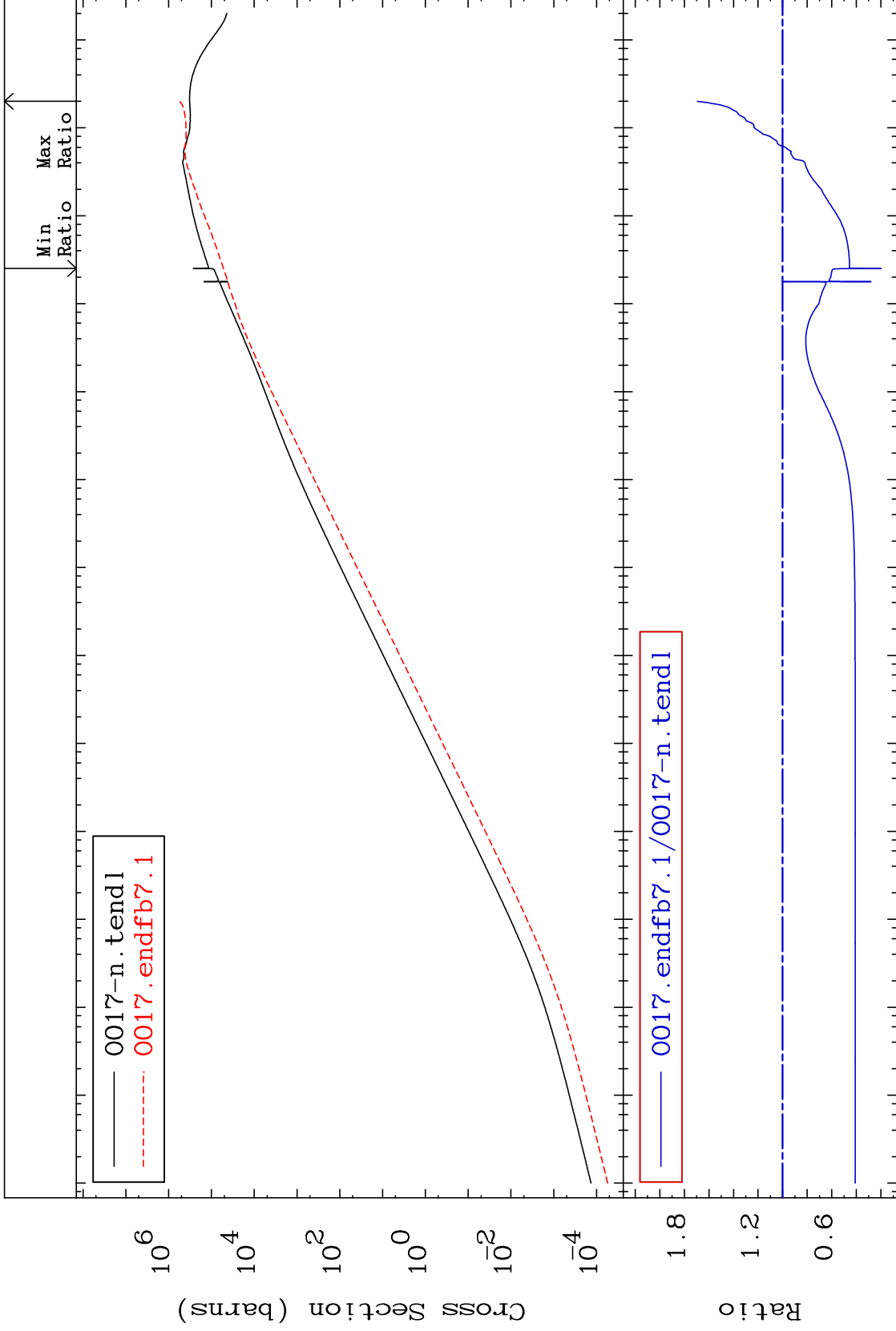
Incident Energy (eV)

8-0 -17

MAT 828

Kerma elastic  
Cross Section

8-0 -17  
-80.15 To 69.29 %



28

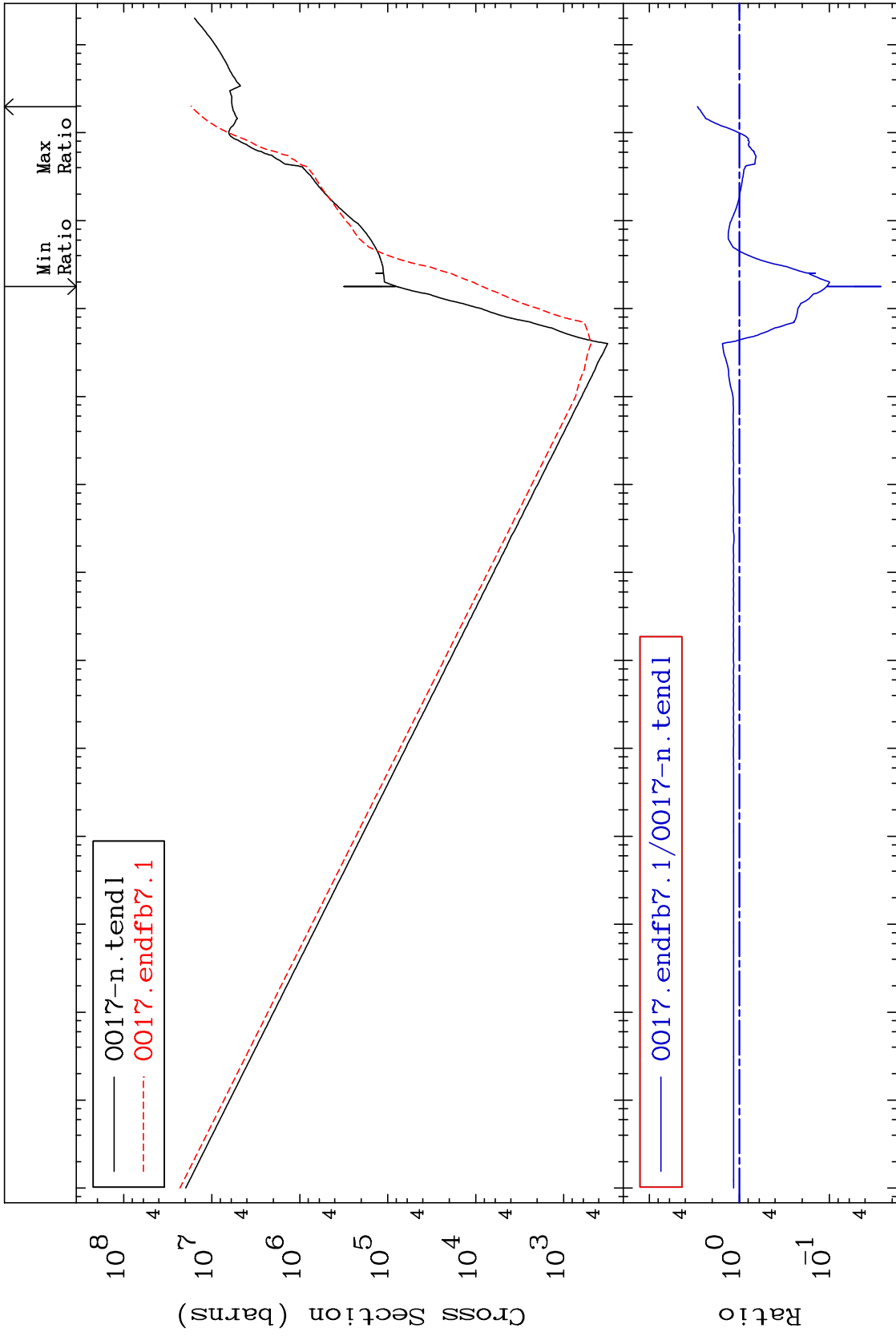
Incident Energy (eV)

8-0 -17

MAT 828

Kerma non-elastic (all but mt2)  
Cross Section

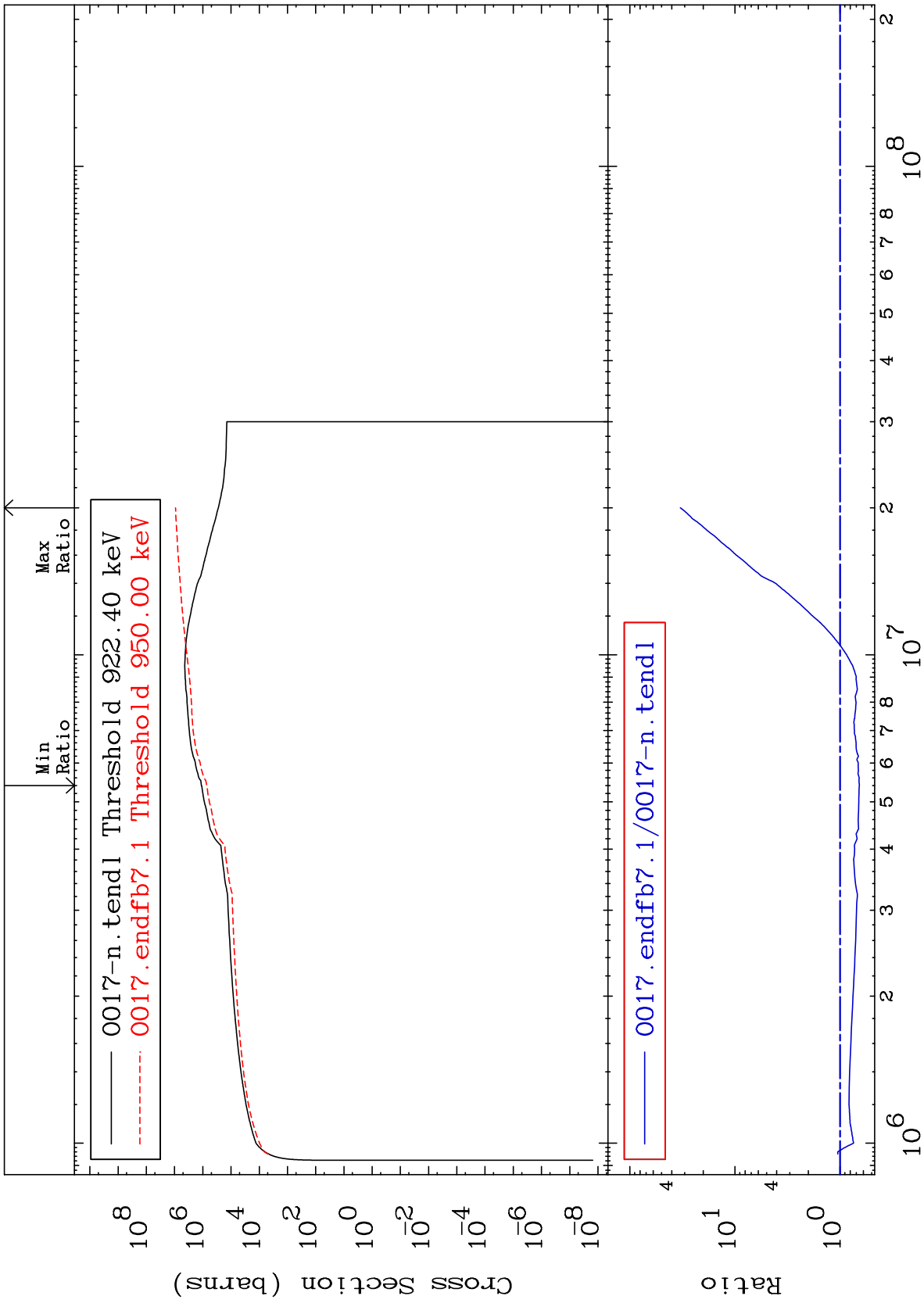
8-0 -17  
-97.34 To 191.9 %



MAT 828

Kerma inelastic (mt51-91)  
Cross Section

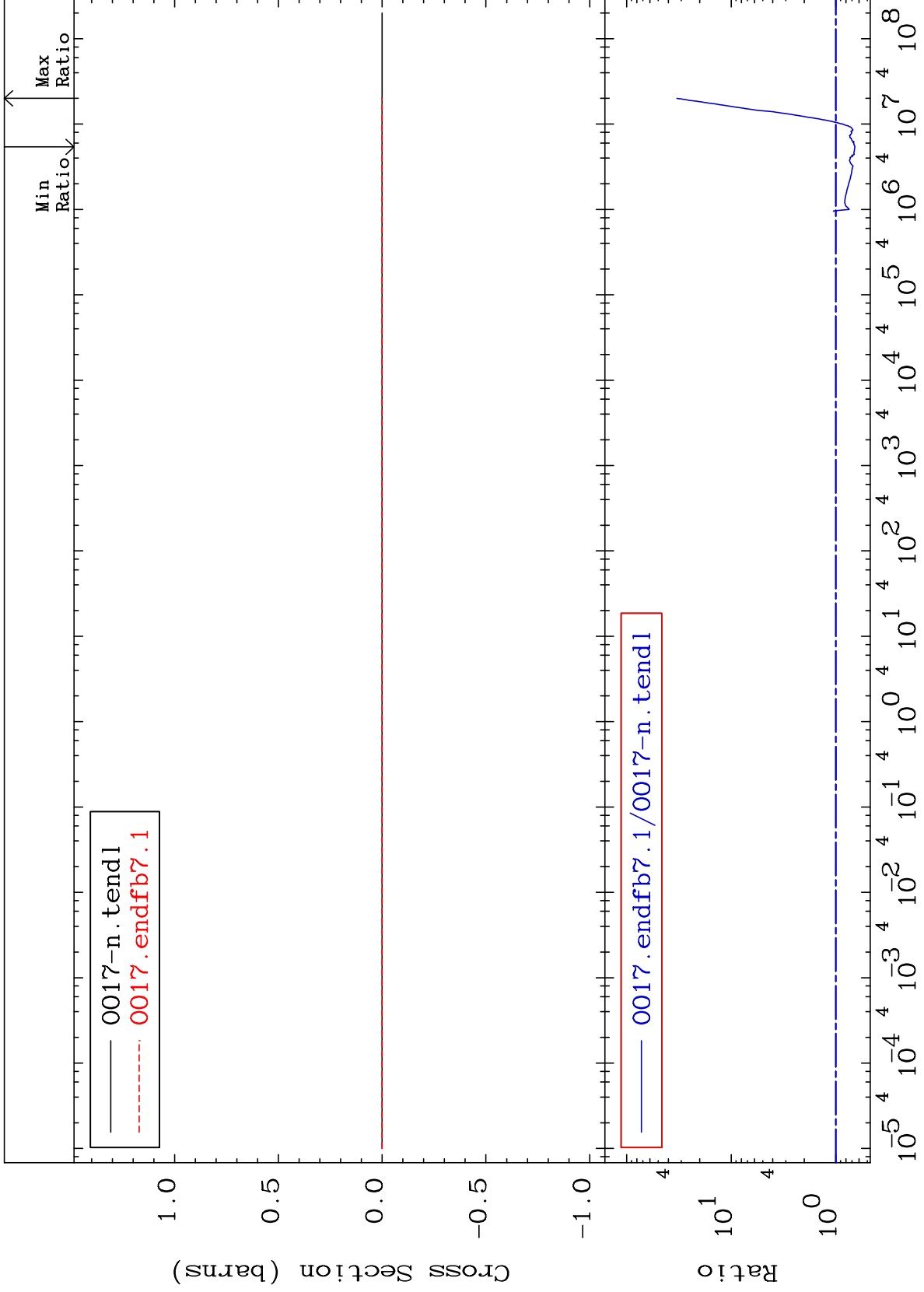
8-0 -17  
-34.68 To 3206. %



30

Incident Energy (eV)

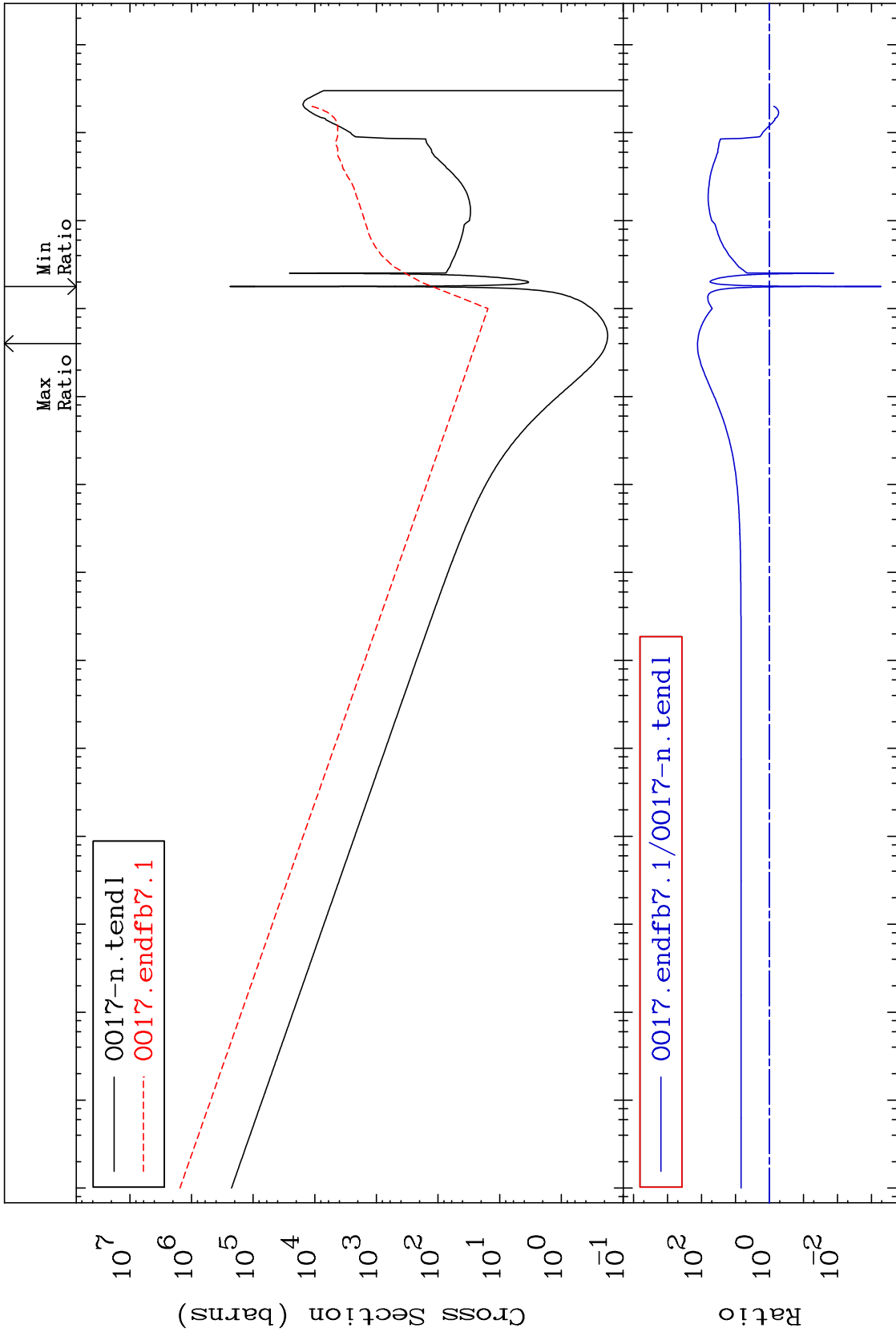
8-0 -17



MAT 828

Kerma capture (mt102)  
Cross Section

8-0 -17  
-99.95 To 9999. %

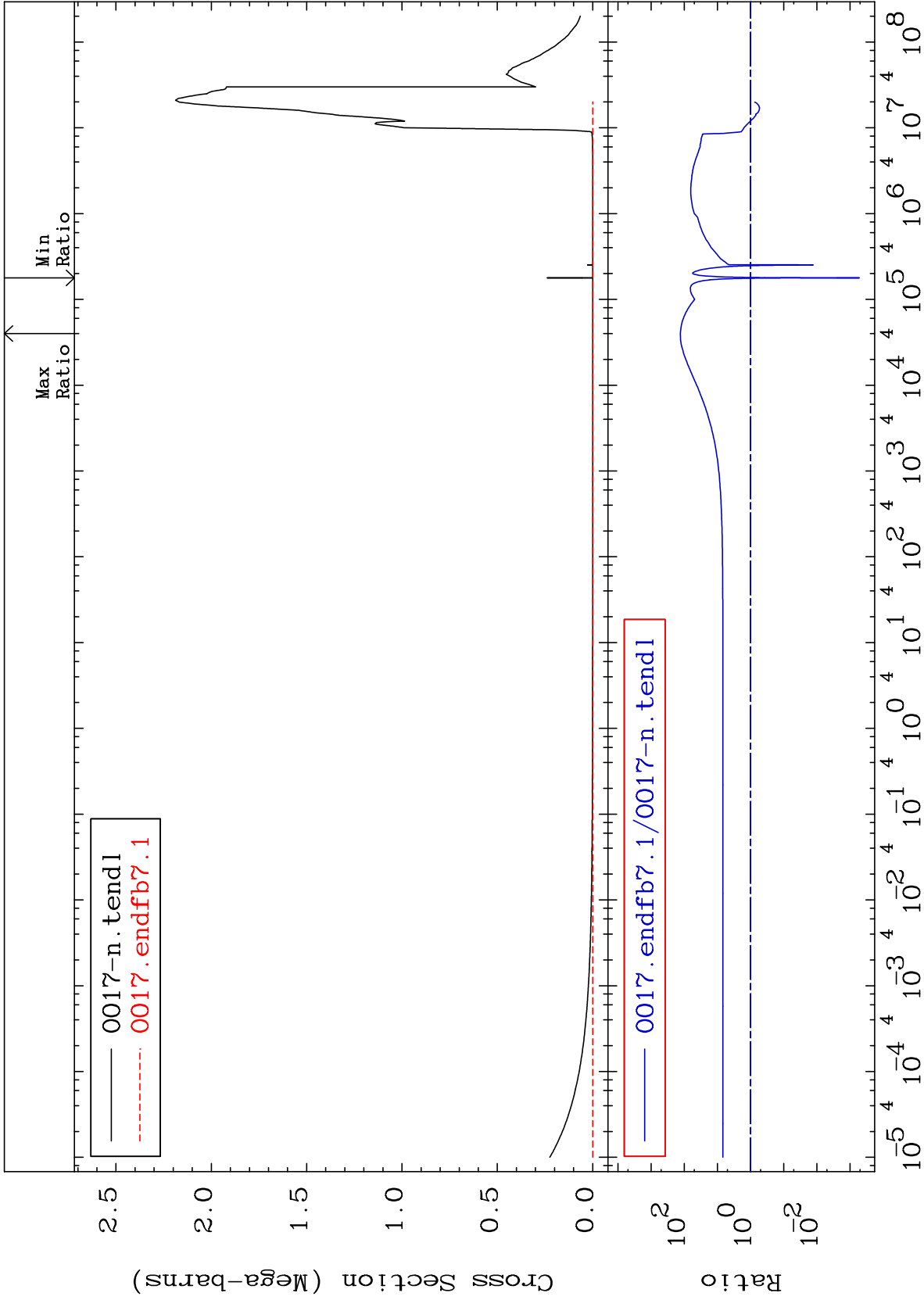


Incident Energy (eV)

8-0 -17

32

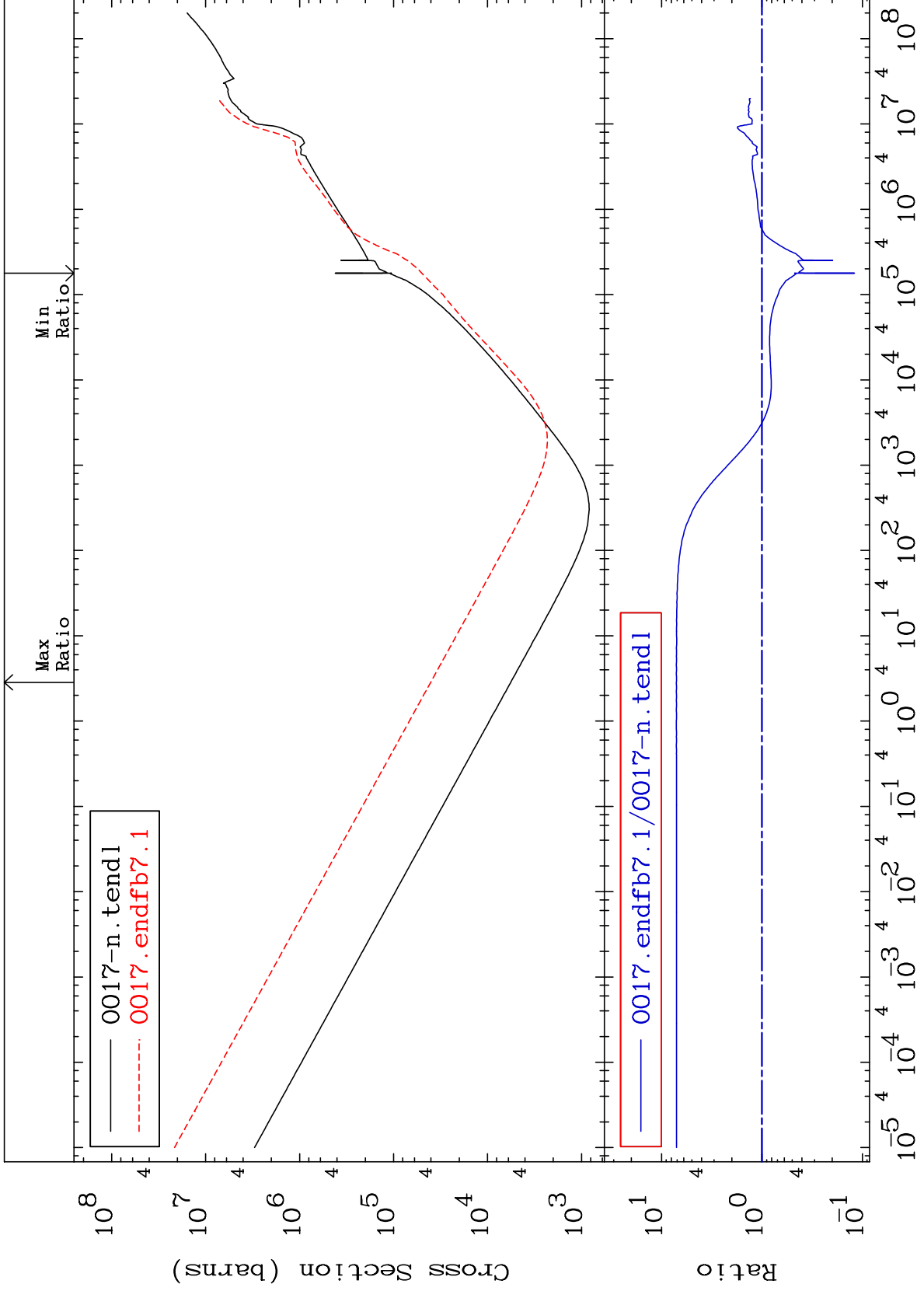




MAT 828

Total kinematic kerma (high limit)  
Cross Section

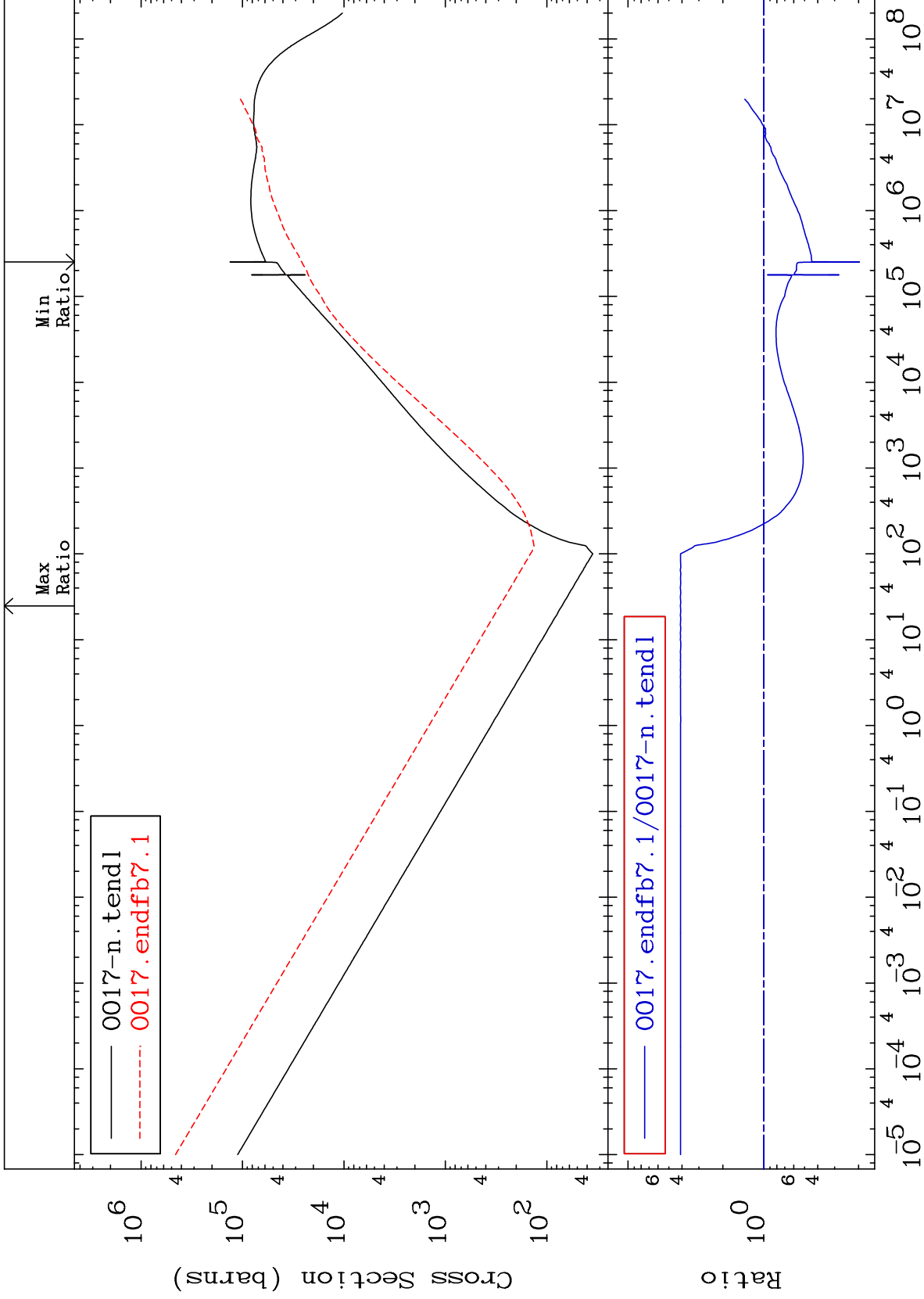
8-0 -17  
-87.97 To 612.6 %



MAT 828

Dpa total (eV-barns)

8-0 -17  
-80.29 To 311.1 %



35

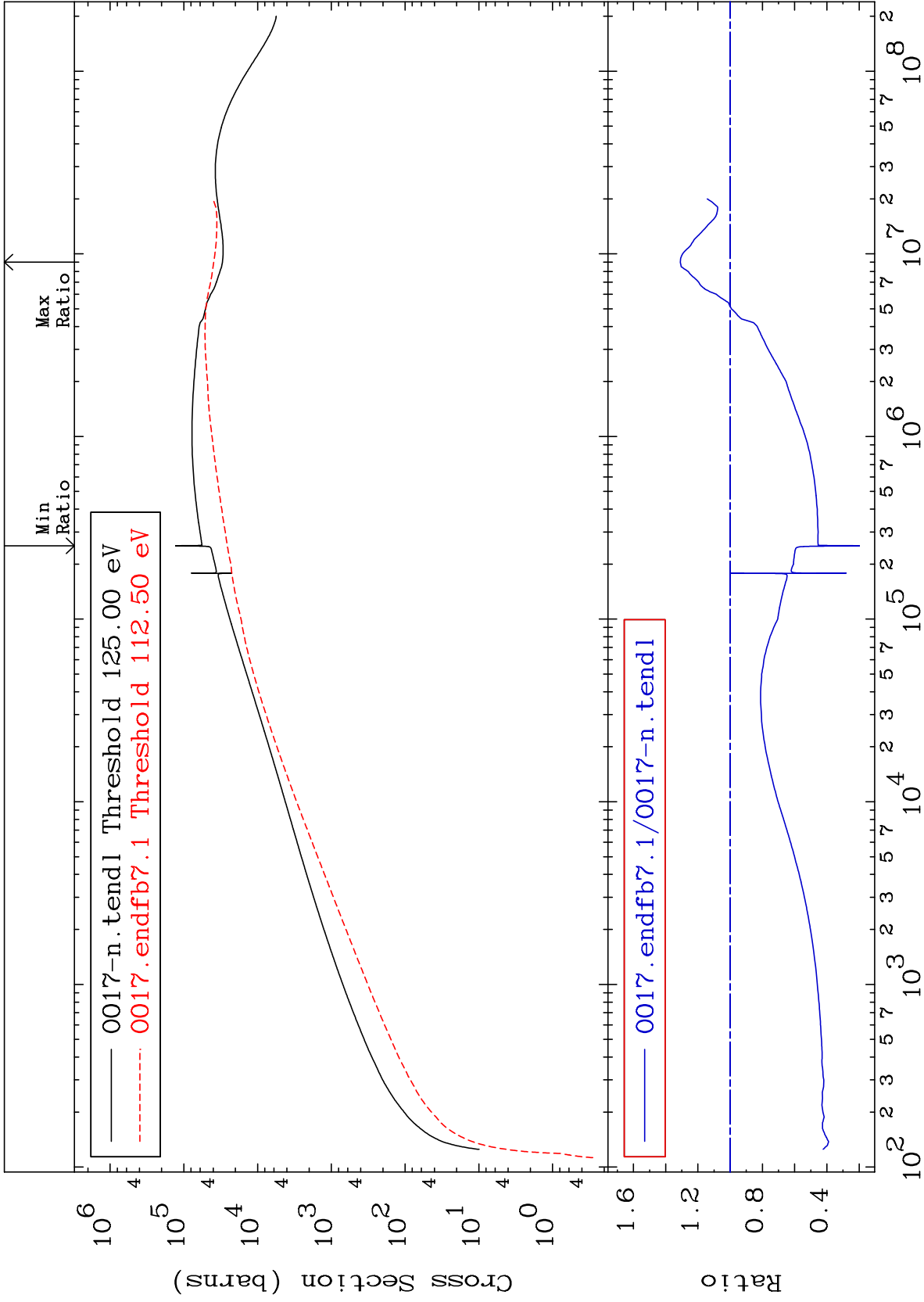
Incident Energy (eV)

8-0 -17

MAT 828

Dpa elastic (mt2)  
Cross Section

8-0 -17  
-80.19 To 30.90 %



36

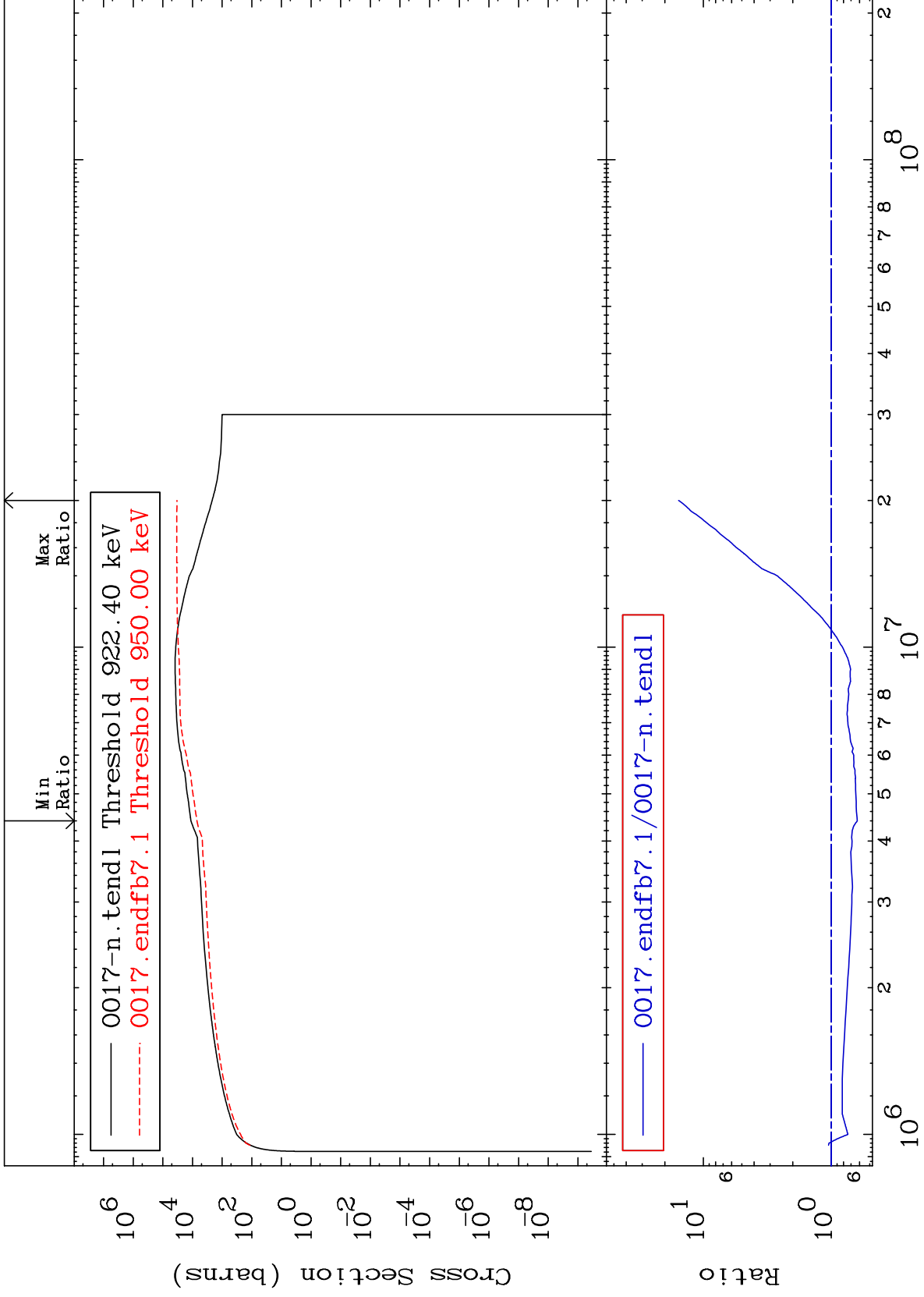
Incident Energy (eV)

8-0 -17

MAT 828

Dpa inelastic (mt51-91)  
Cross Section

8-0 -17  
-37.43 To 1459. %



37

Incident Energy (eV)

8-0 -17

MAT 828

Dpa disappearance (mt102 -120)  
Cross Section

8-0 -17  
-91.83 To 383.1 %

