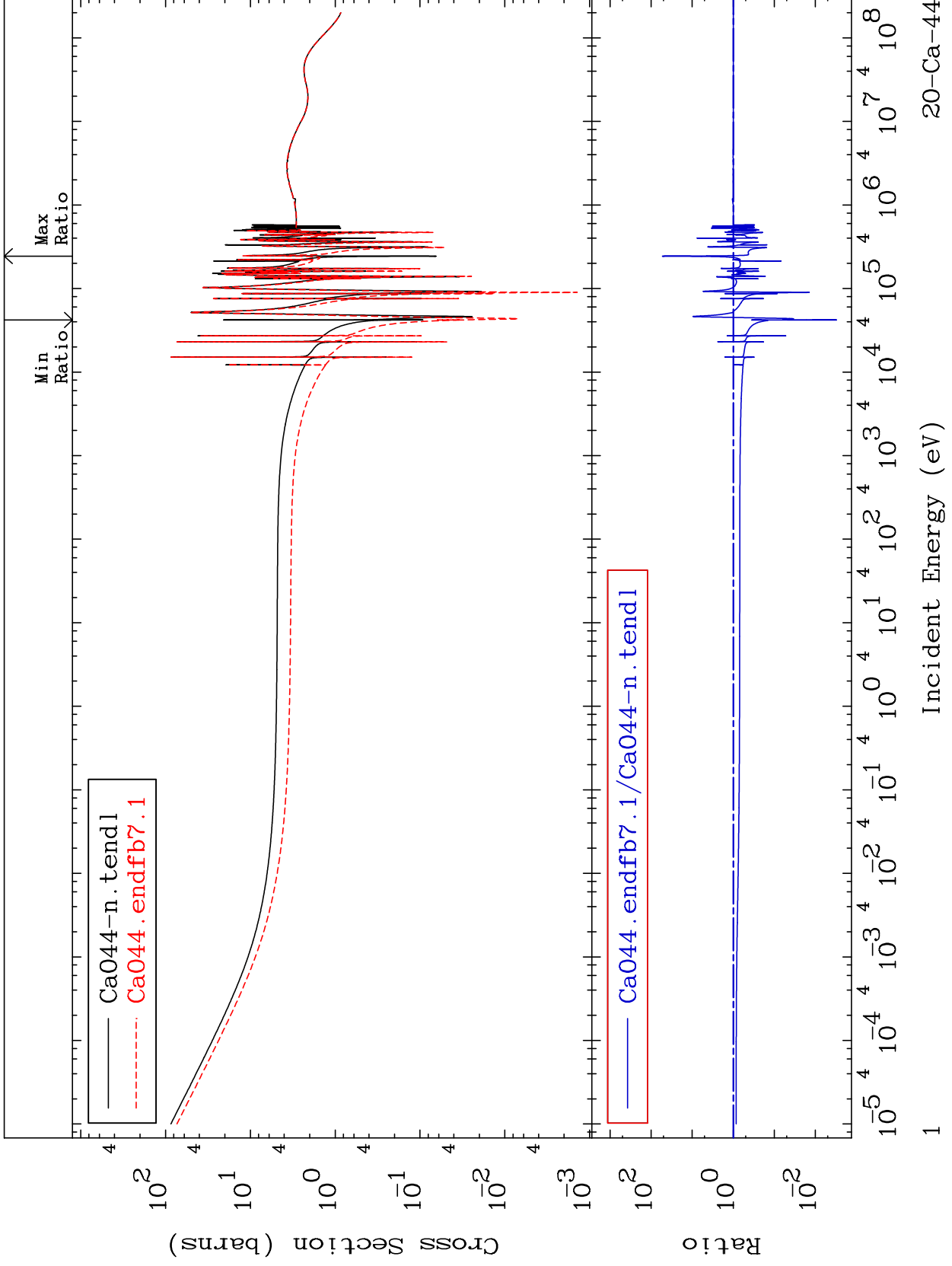


MAT 2037

Total  
Cross Section

20-Ca-44  
-99.70 To 5251. %



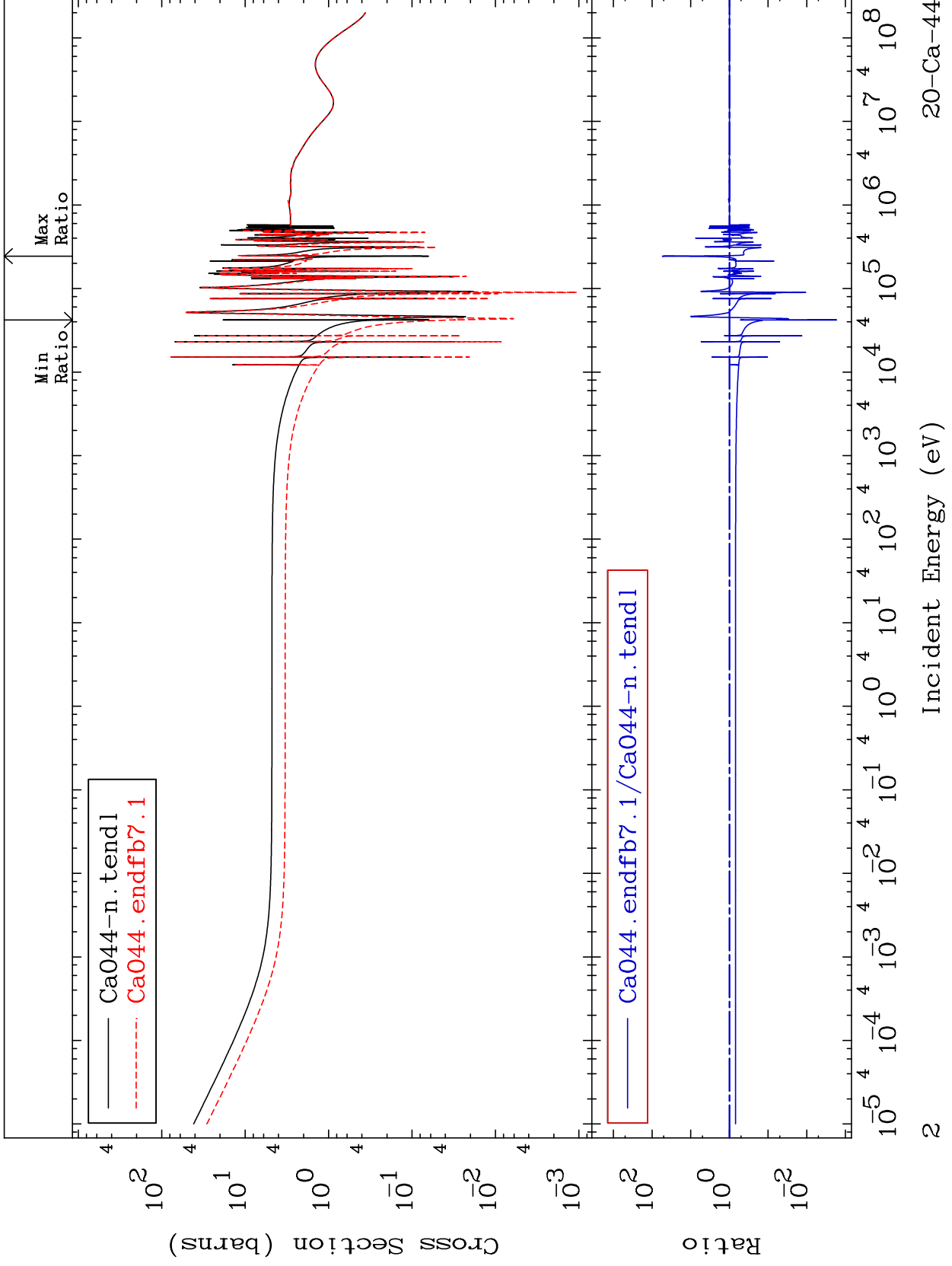
20-Ca-44

Incident Energy (eV)

MAT 2037

Elastic  
Cross Section

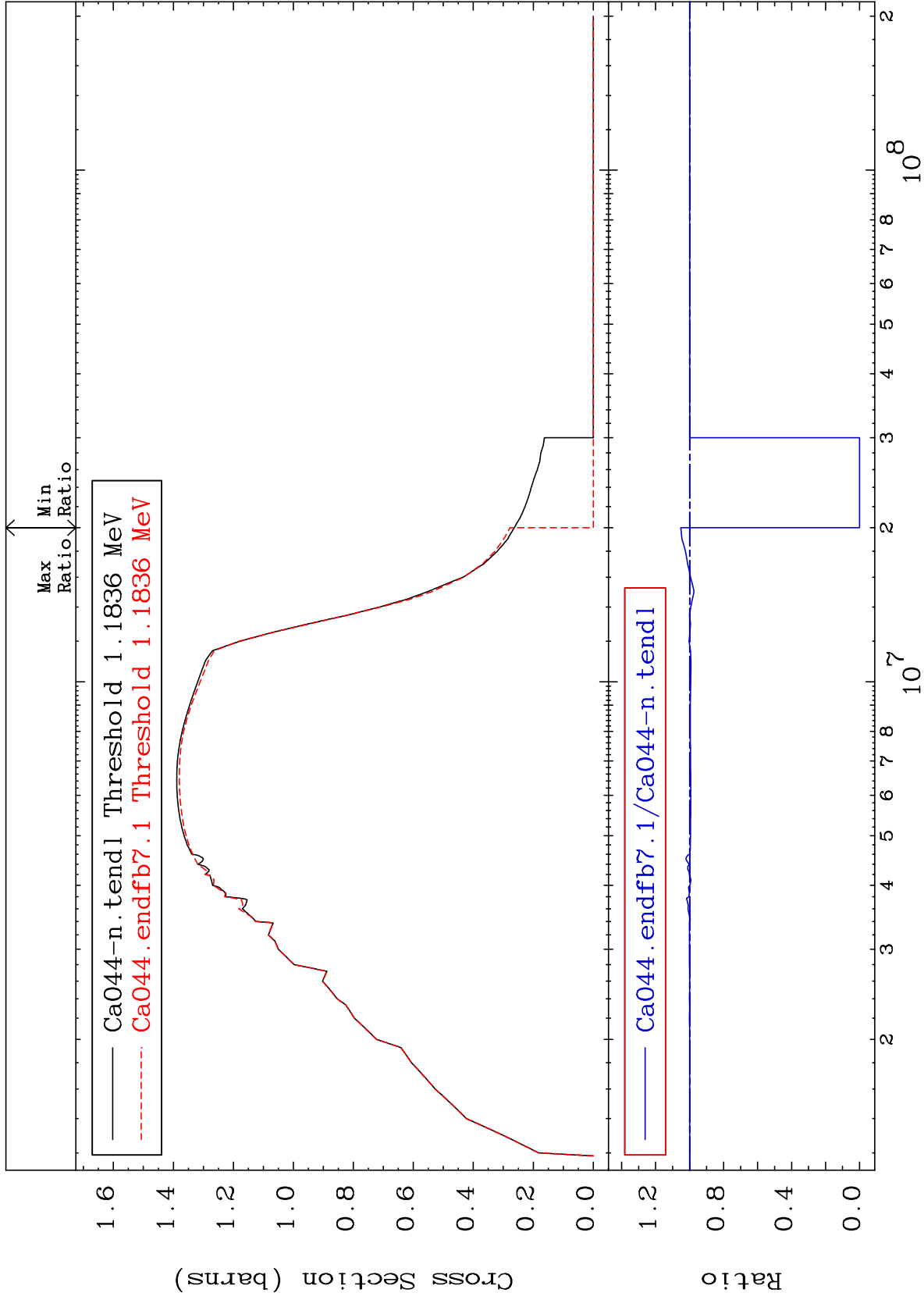
20-Ca-44  
-99.83 To 5347. %



20-Ca-44

Incident Energy (eV)

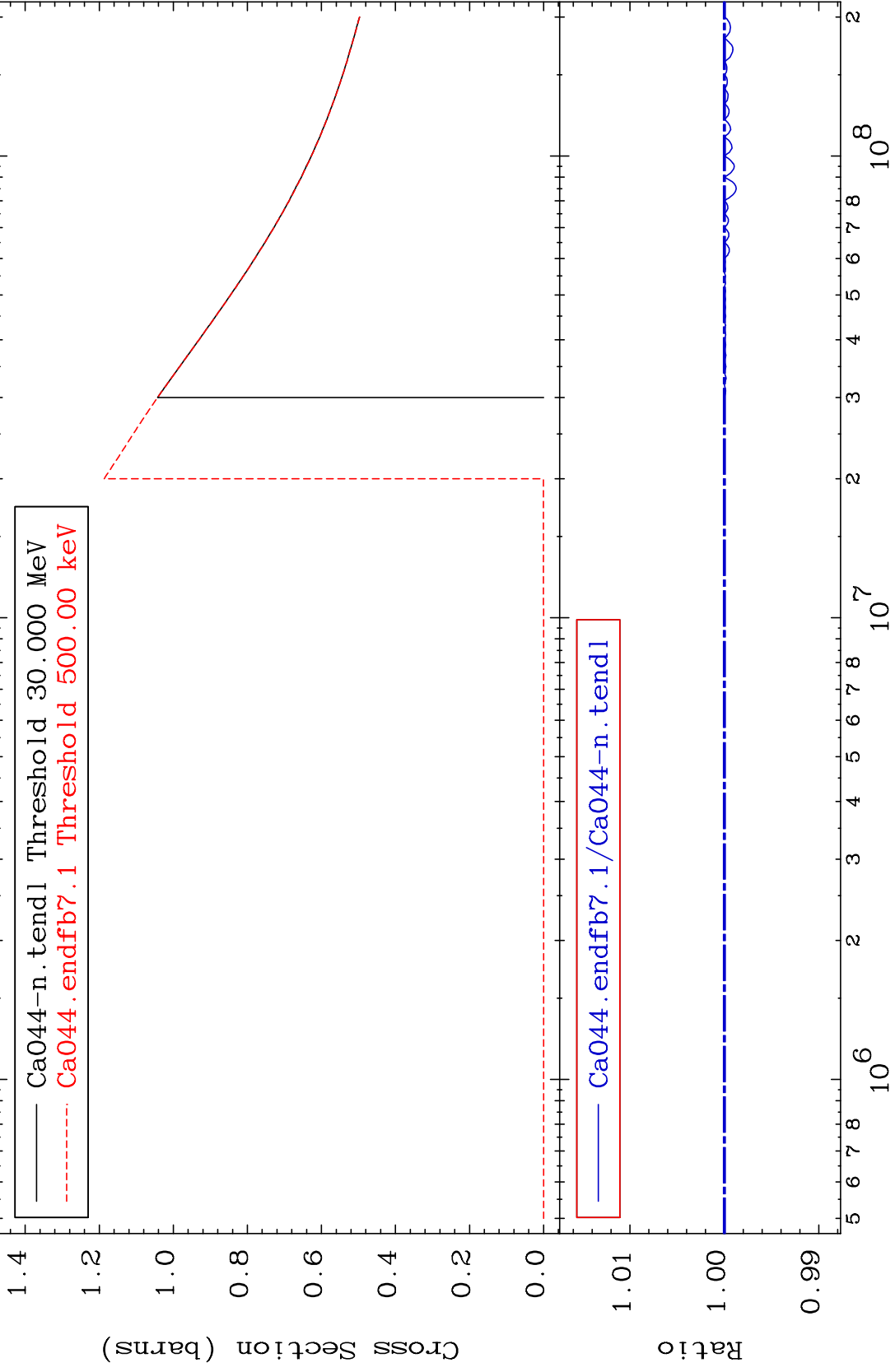
2



MAT 2037

(n, remainder)  
Cross Section

20-Ca-44  
-0.125 To 0.000 %



Incident Energy (eV)

20-Ca-44

4

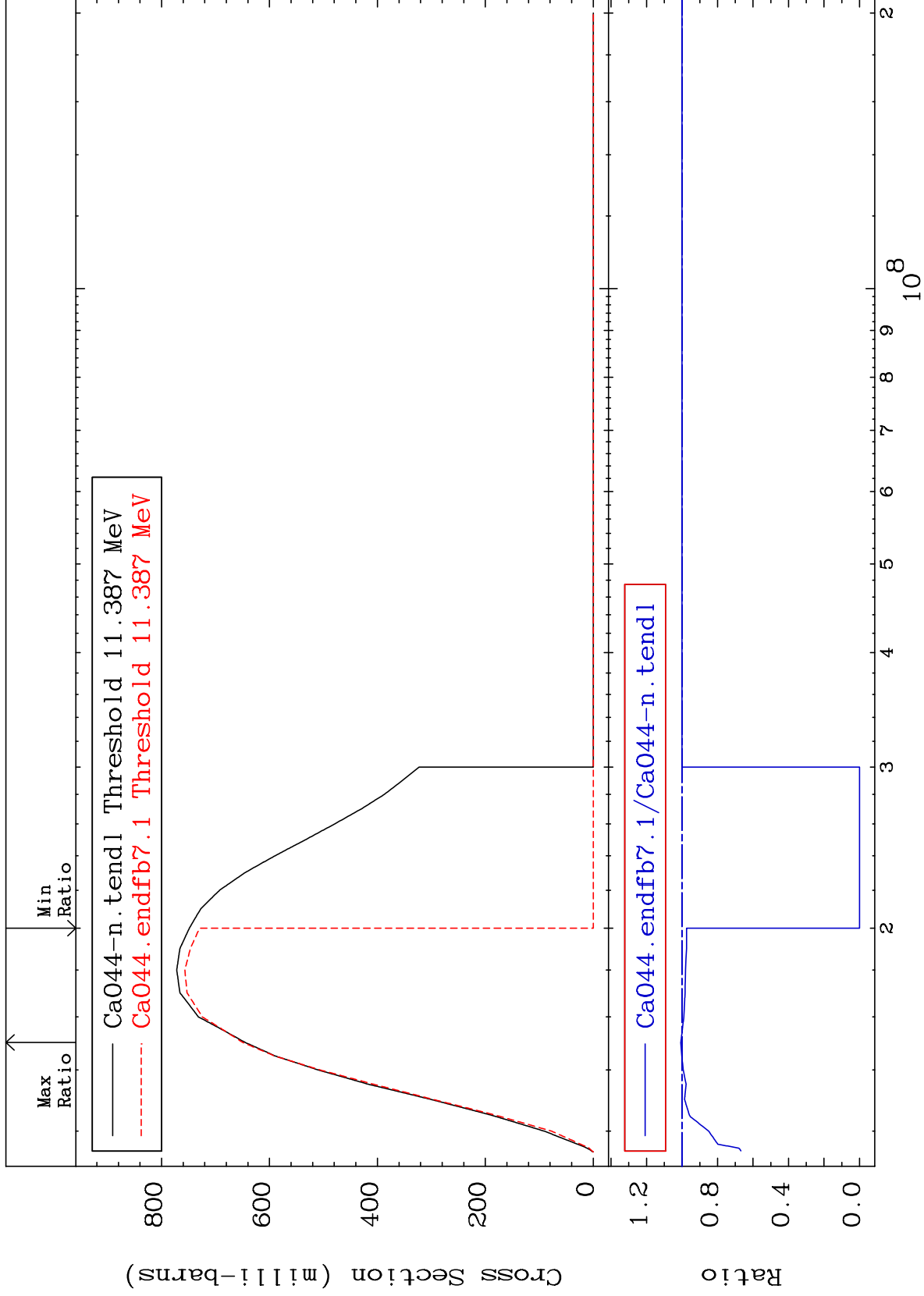
MAT 2037

(n,2n)

20-Ca-44

Cross Section

-100.0 To 0.708 %



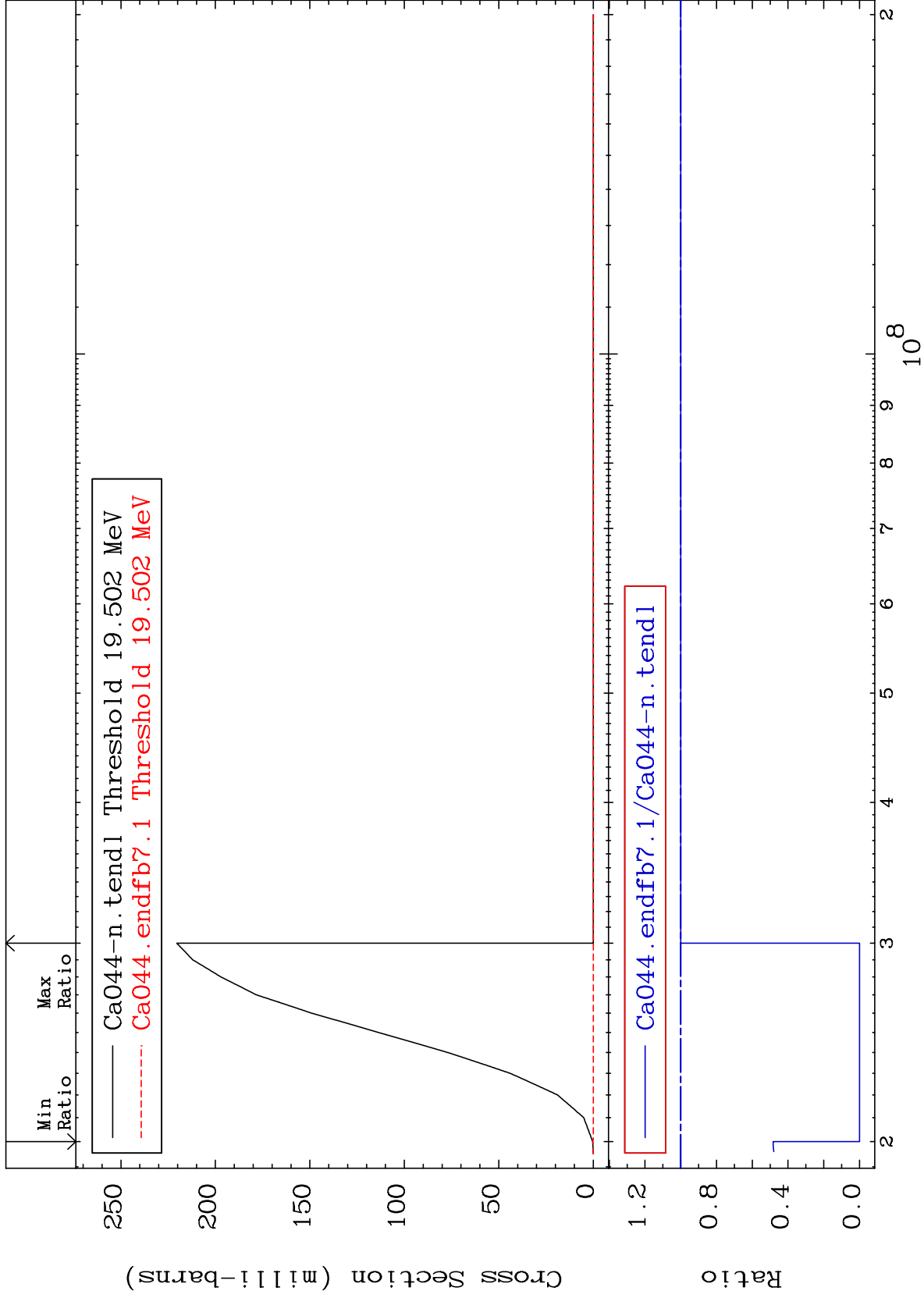
MAT 2037

(n,3n)

20-Ca-44

Cross Section

-100.0 To 0.000 %



6

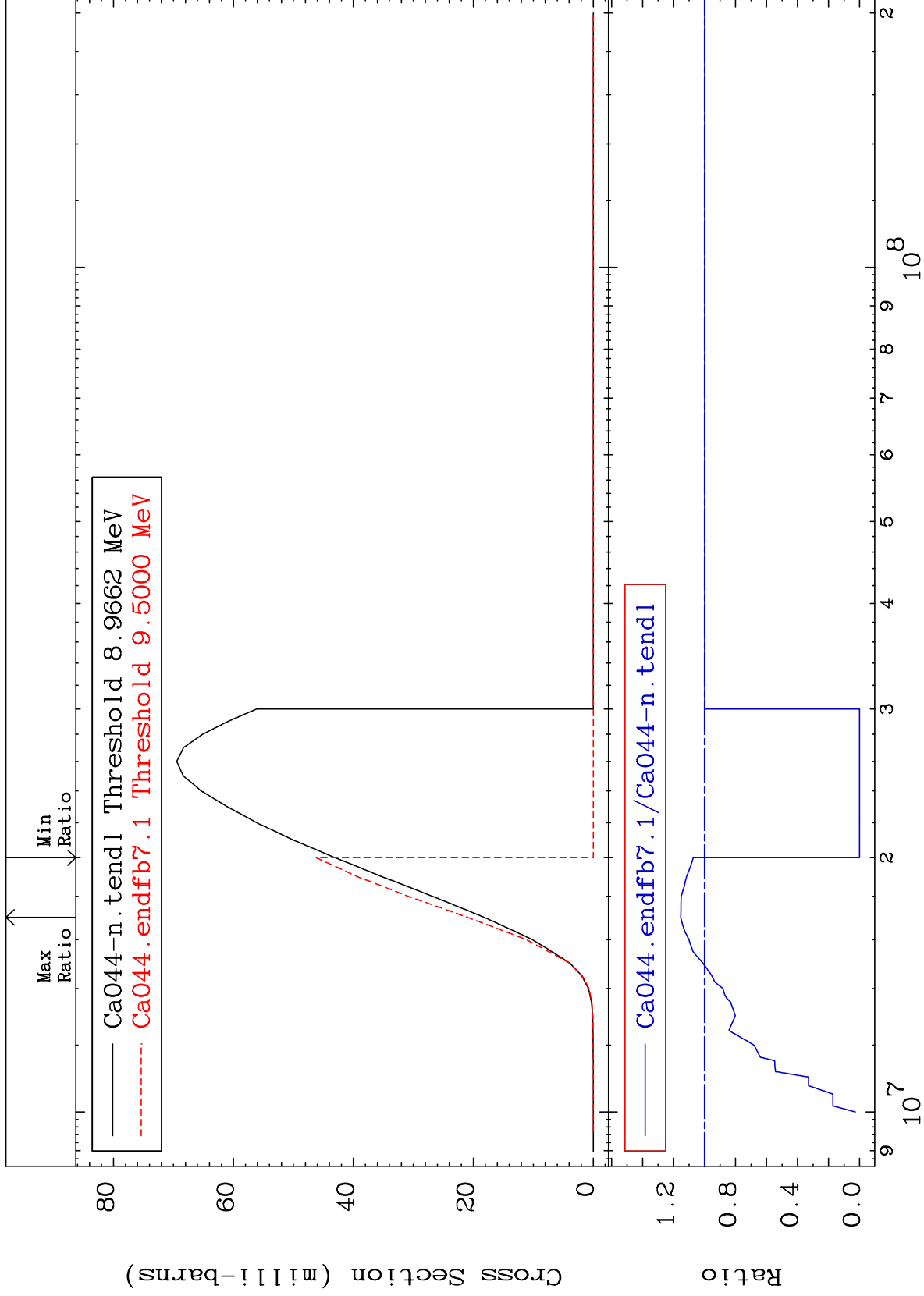
Incident Energy (eV)

20-Ca-44

MAT 2037

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

20-Ca-44  
-100.0 To 15.36 %



Incident Energy (eV)

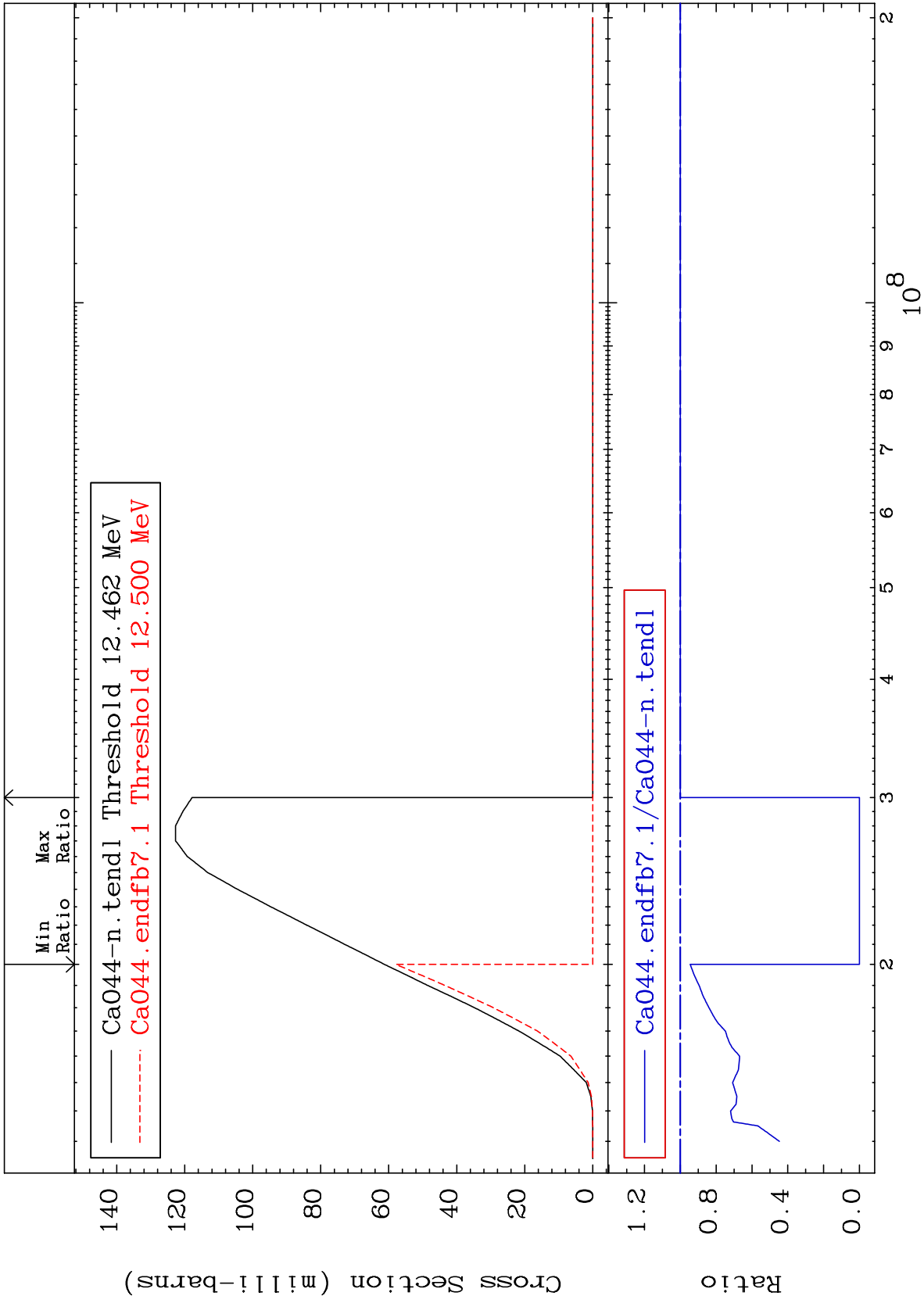
20-Ca-44

MAT 2037

(n,n') p  
Cross Section

20-Ca-44

-100.0 To 0.000 %

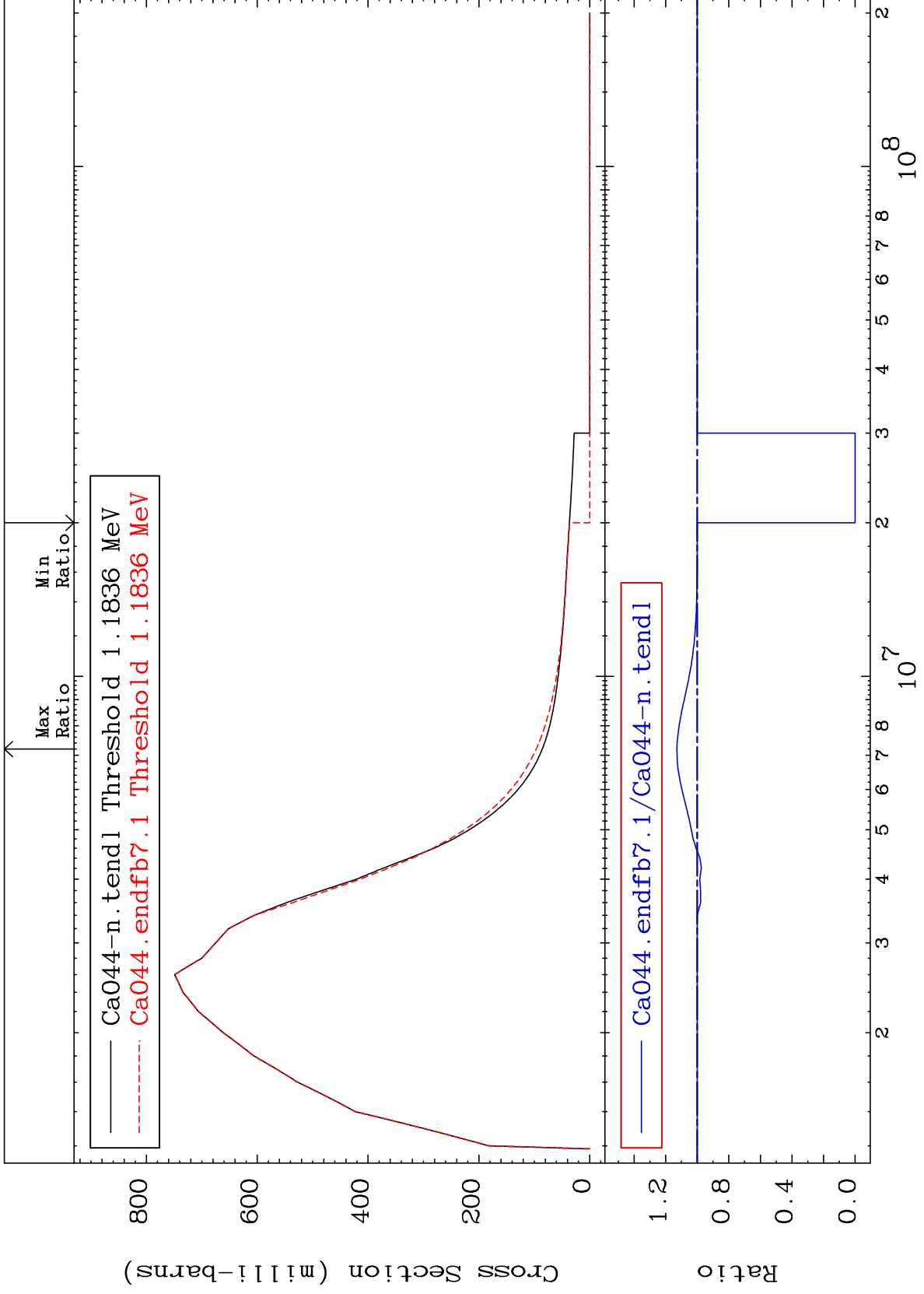




MAT 2037

1.157 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 12.87 %



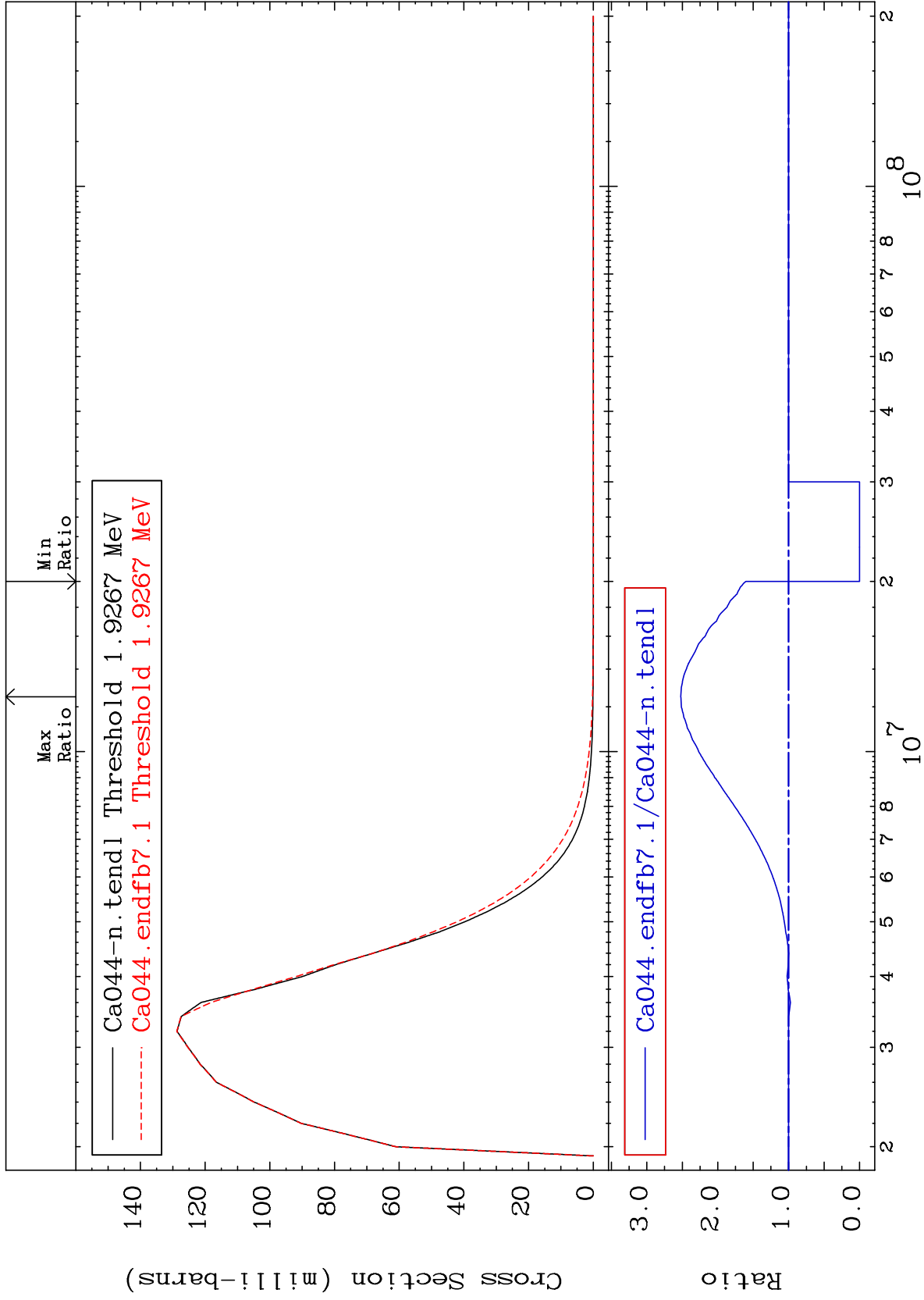
MAT 2037

1.884 MeV (n,n') Level

20-Ca-44

-100.0 To 152.1 %

Cross Section



10

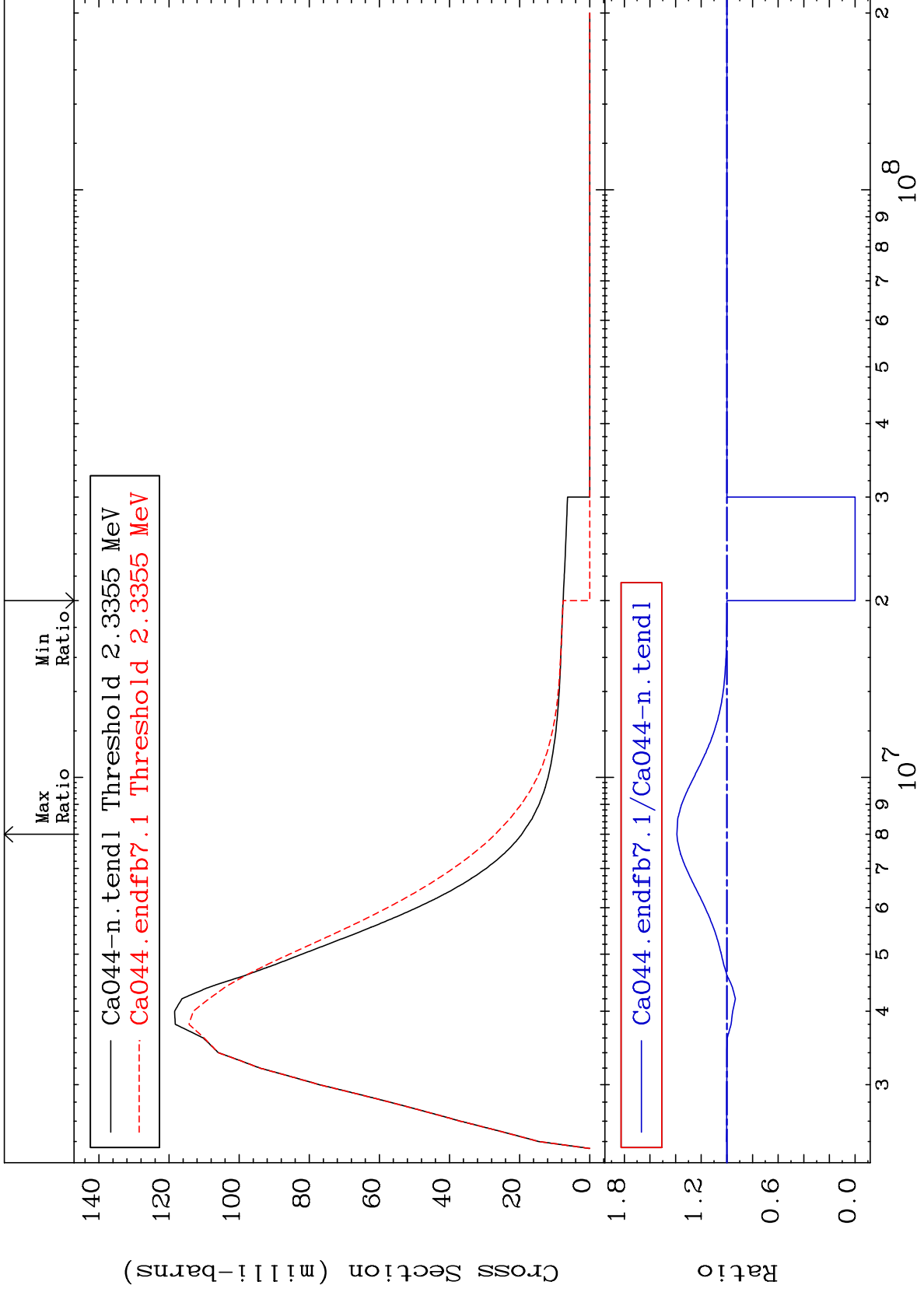
Incident Energy (eV)

20-Ca-44

MAT 2037

2.283 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 38.96 %



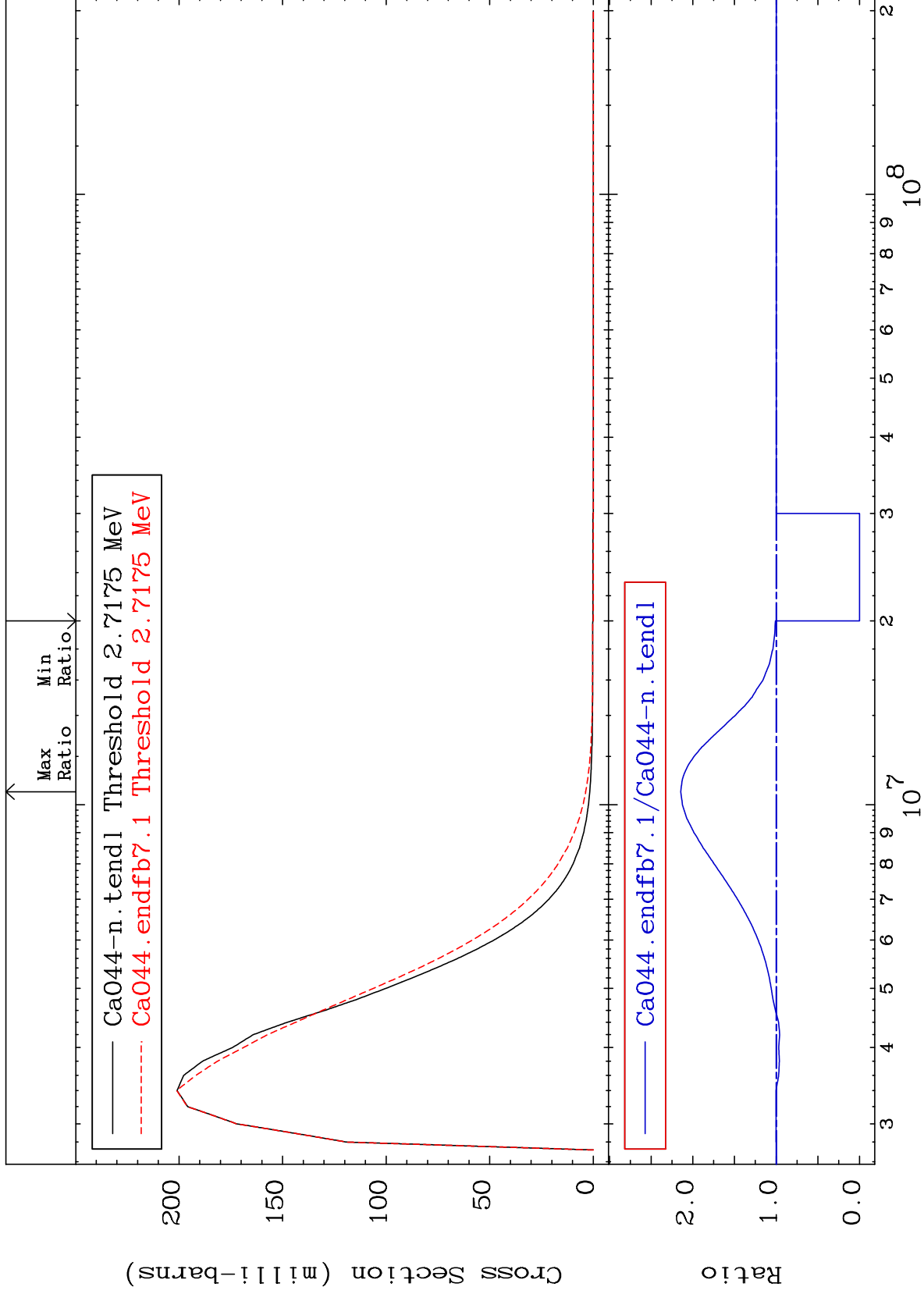
MAT 2037

2.657 MeV (n,n') Level

20-Ca-44

-100.0 To 114.5 %

Cross Section



12

Incident Energy (eV)

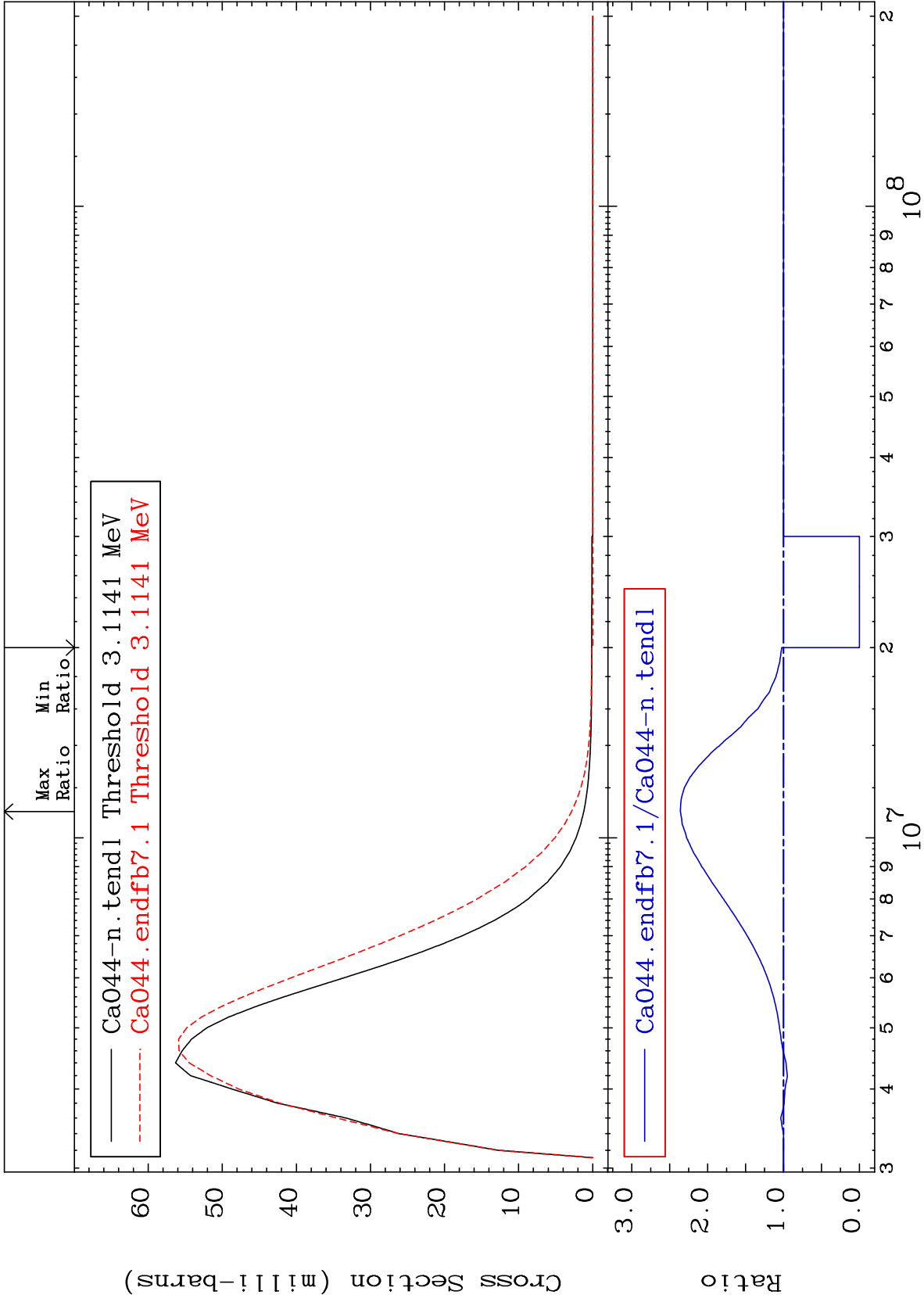
20-Ca-44

MAT 2037

3.044 MeV (n,n') Level

20-Ca-44

-100.0 To 136.0 %



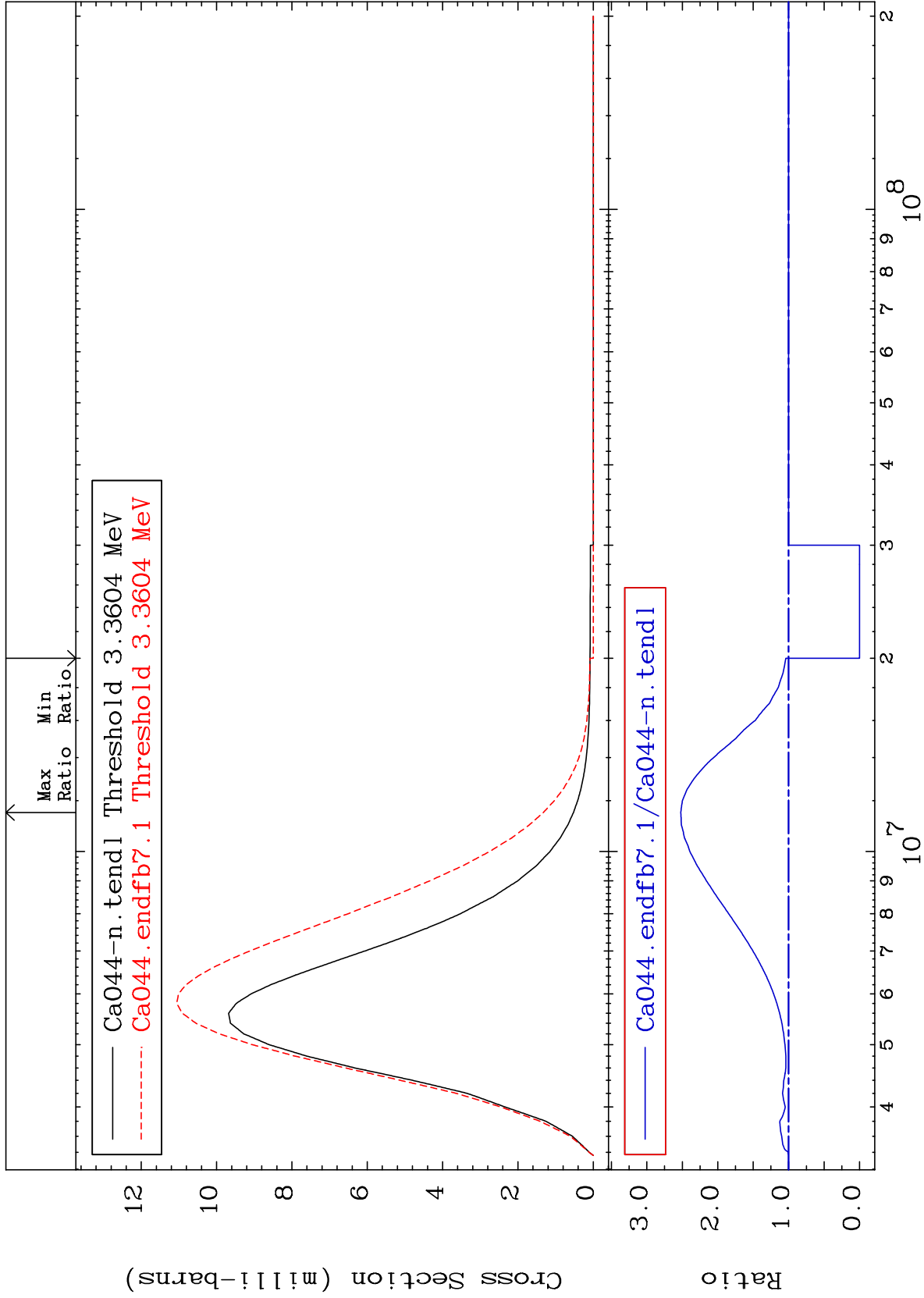
MAT 2037

3.285 MeV (n,n') Level

20-Ca-44

-100.0 To 152.1 %

Cross Section



14

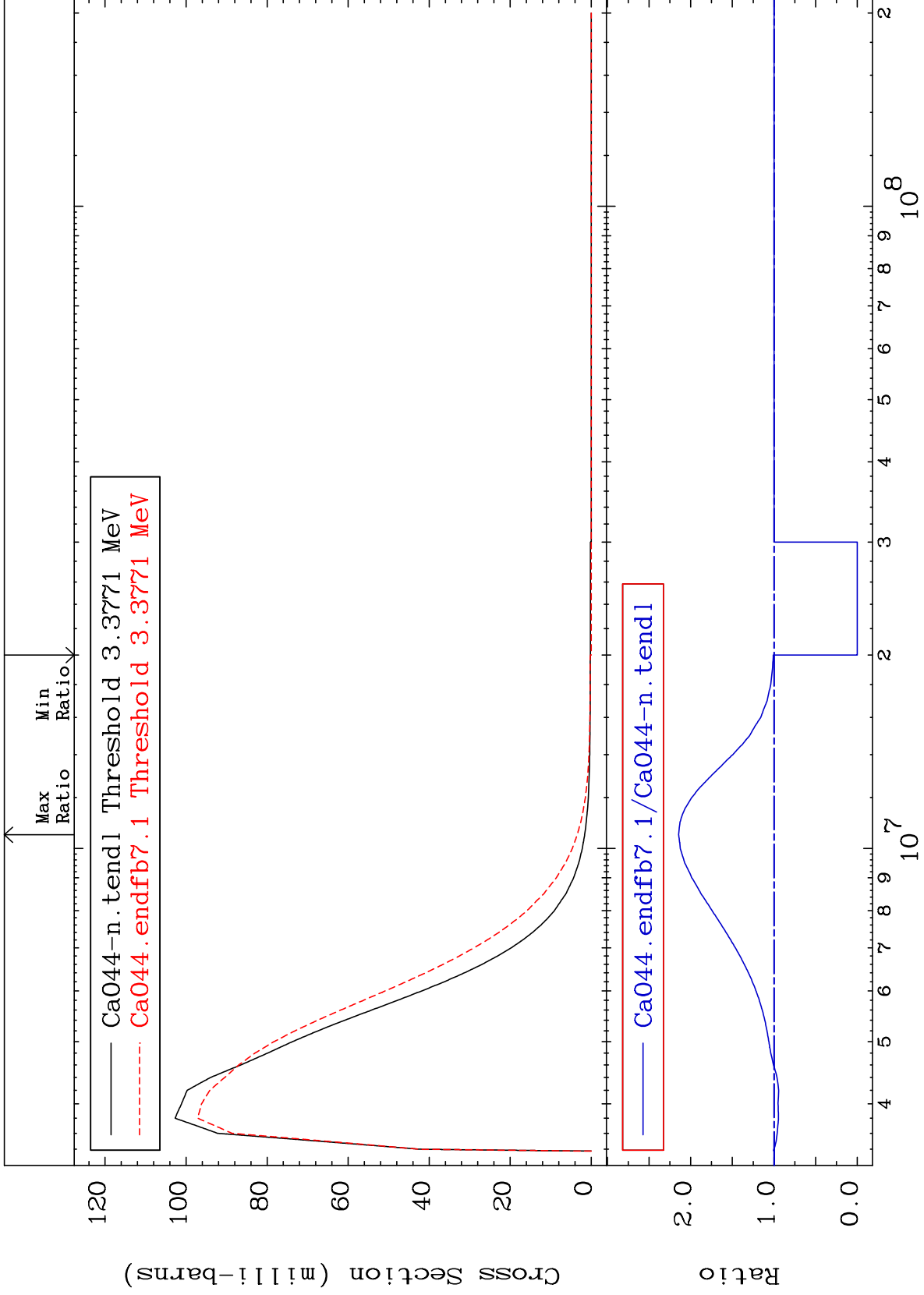
Incident Energy (eV)

20-Ca-44

MAT 2037

3.301 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 114.5 %



15

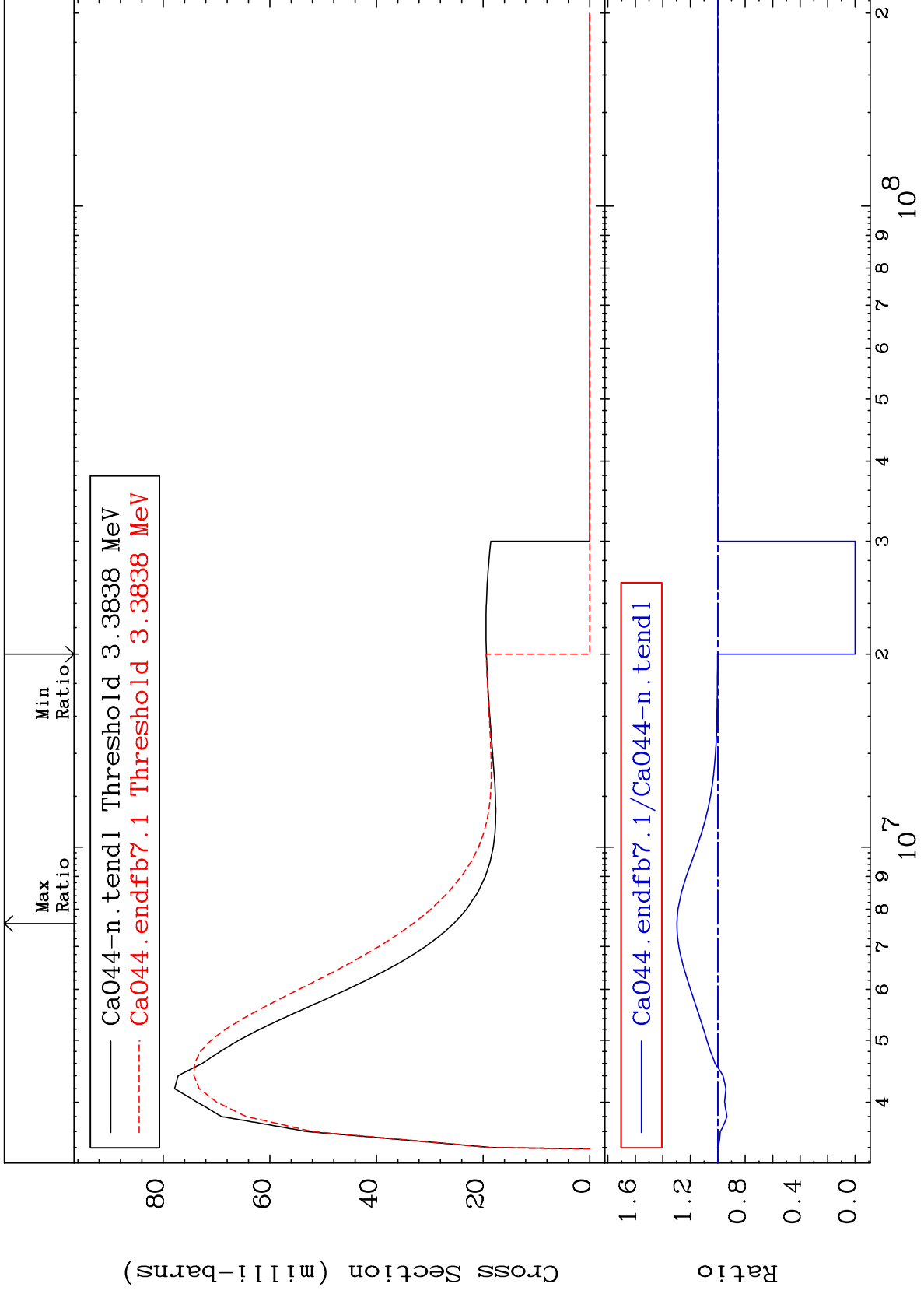
Incident Energy (eV)

20-Ca-44

MAT 2037

3.308 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 29.73 %

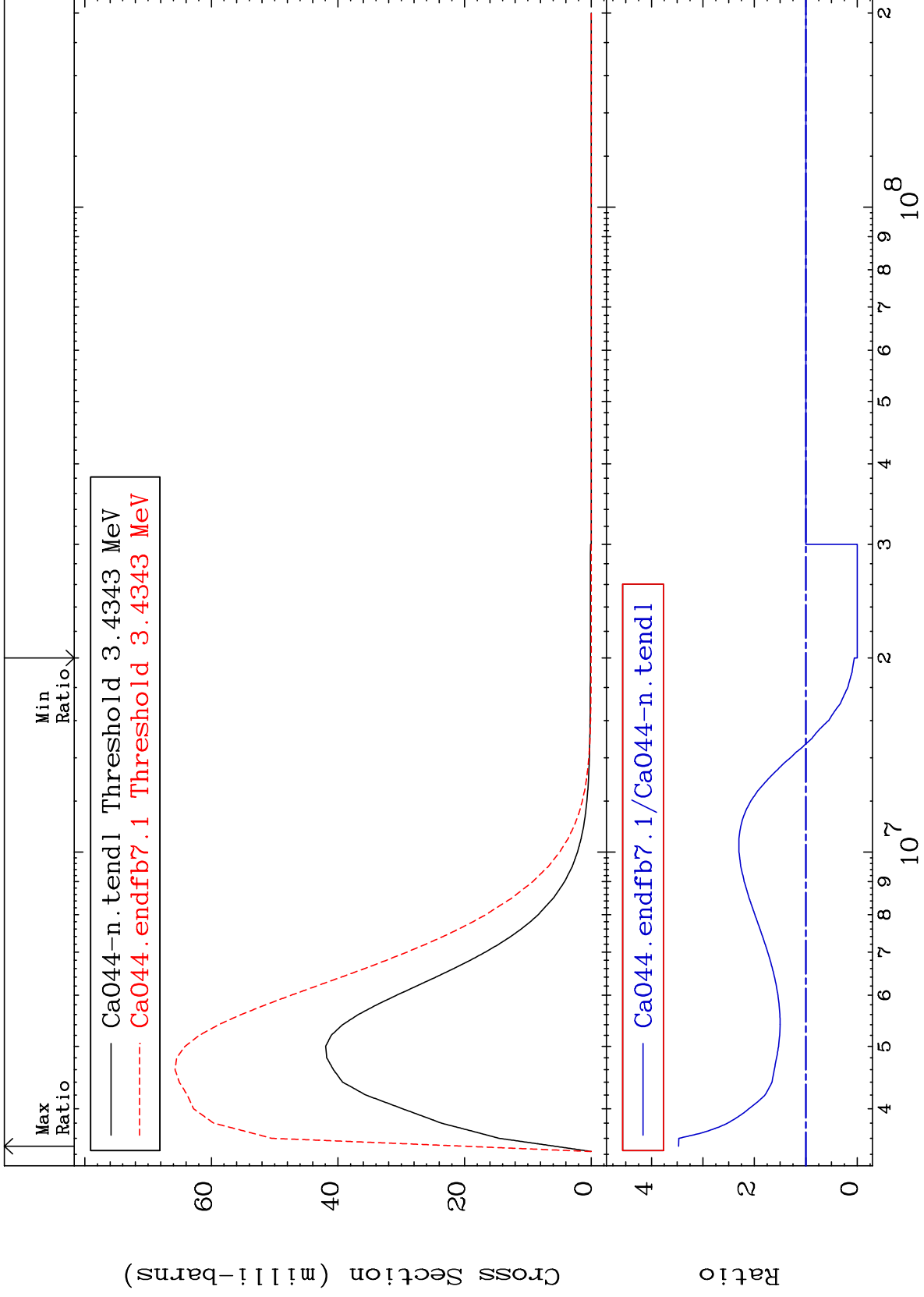




MAT 2037

3.357 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 247.2 %

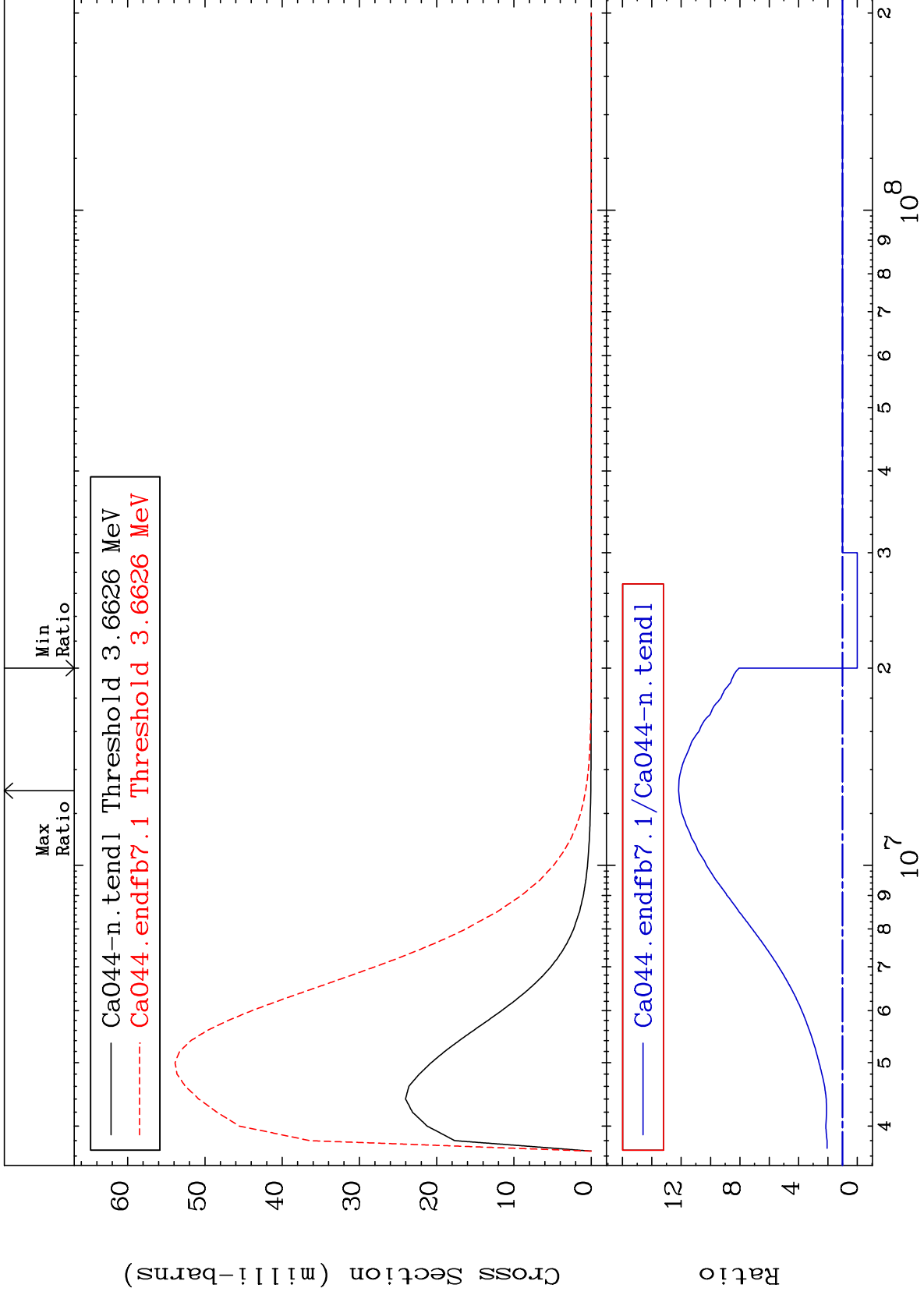


17

MAT 2037

3.580 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 1117. %



18

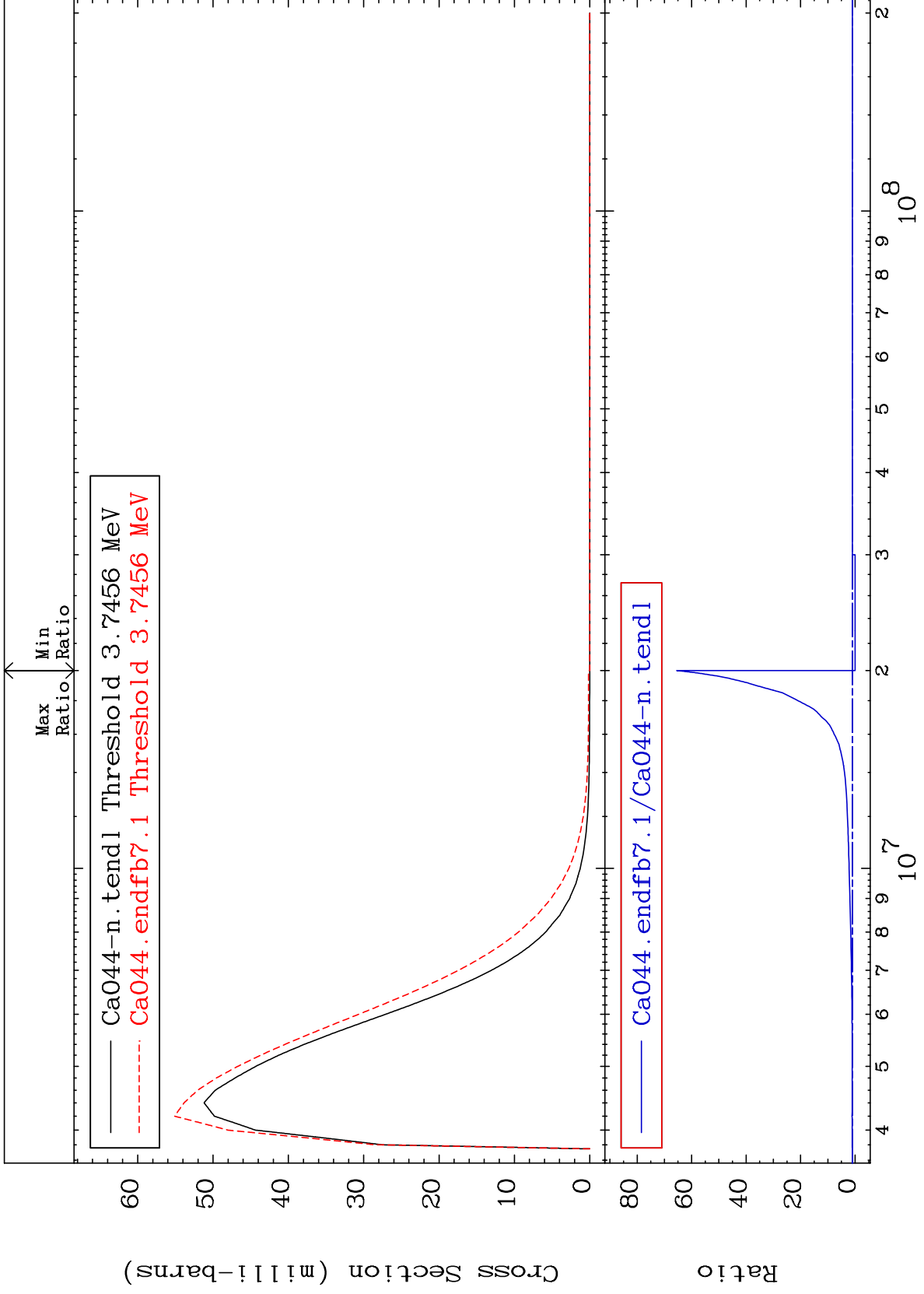
Incident Energy (eV)

20-Ca-44

MAT 2037

3.662 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 6440. %



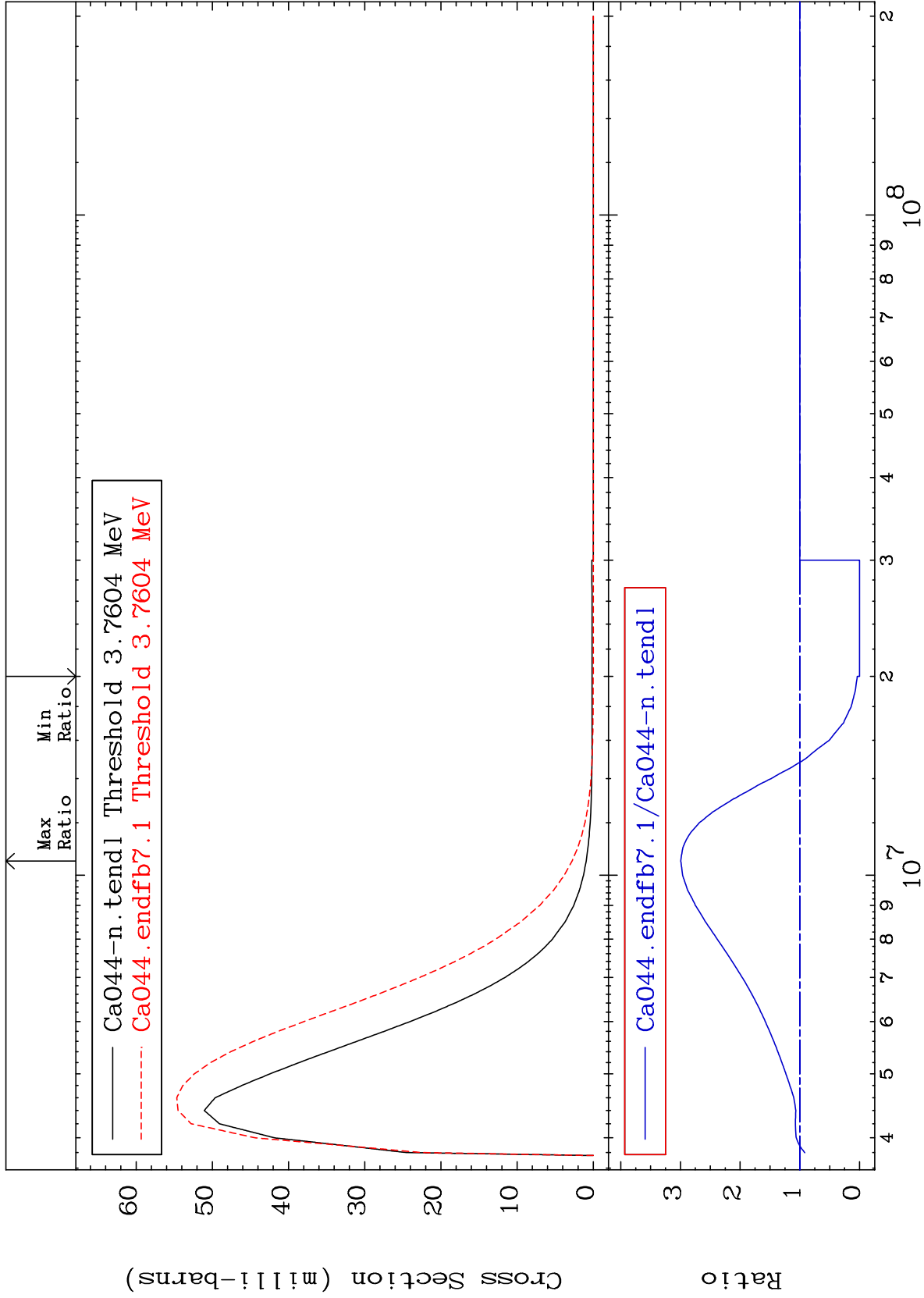
MAT 2037

3.676 MeV (n,n') Level

20-Ca-44

-100.0 To 199.4 %

Cross Section



20

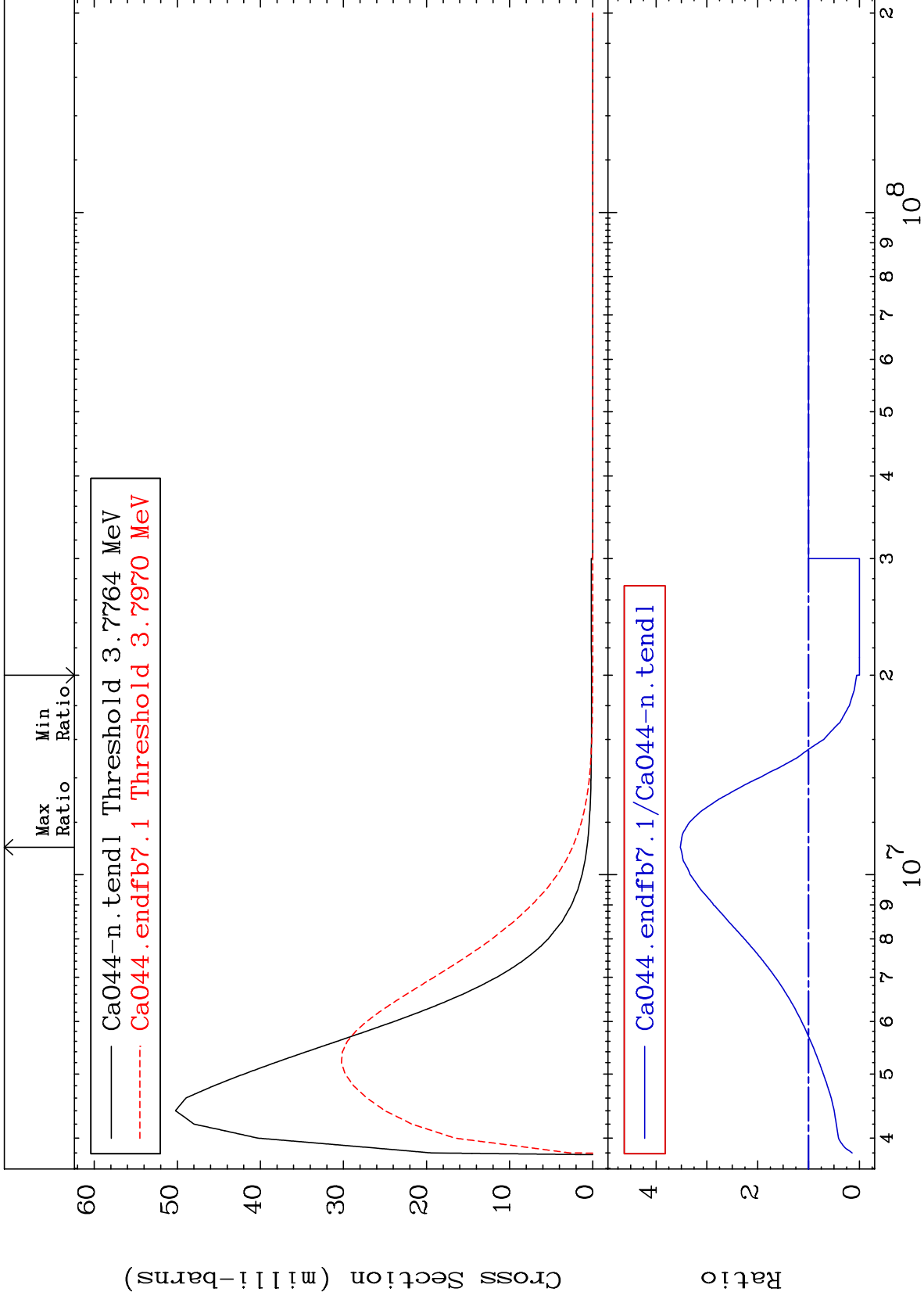
Incident Energy (eV)

20-Ca-44

MAT 2037

3.692 MeV (n,n') Level  
Cross Section

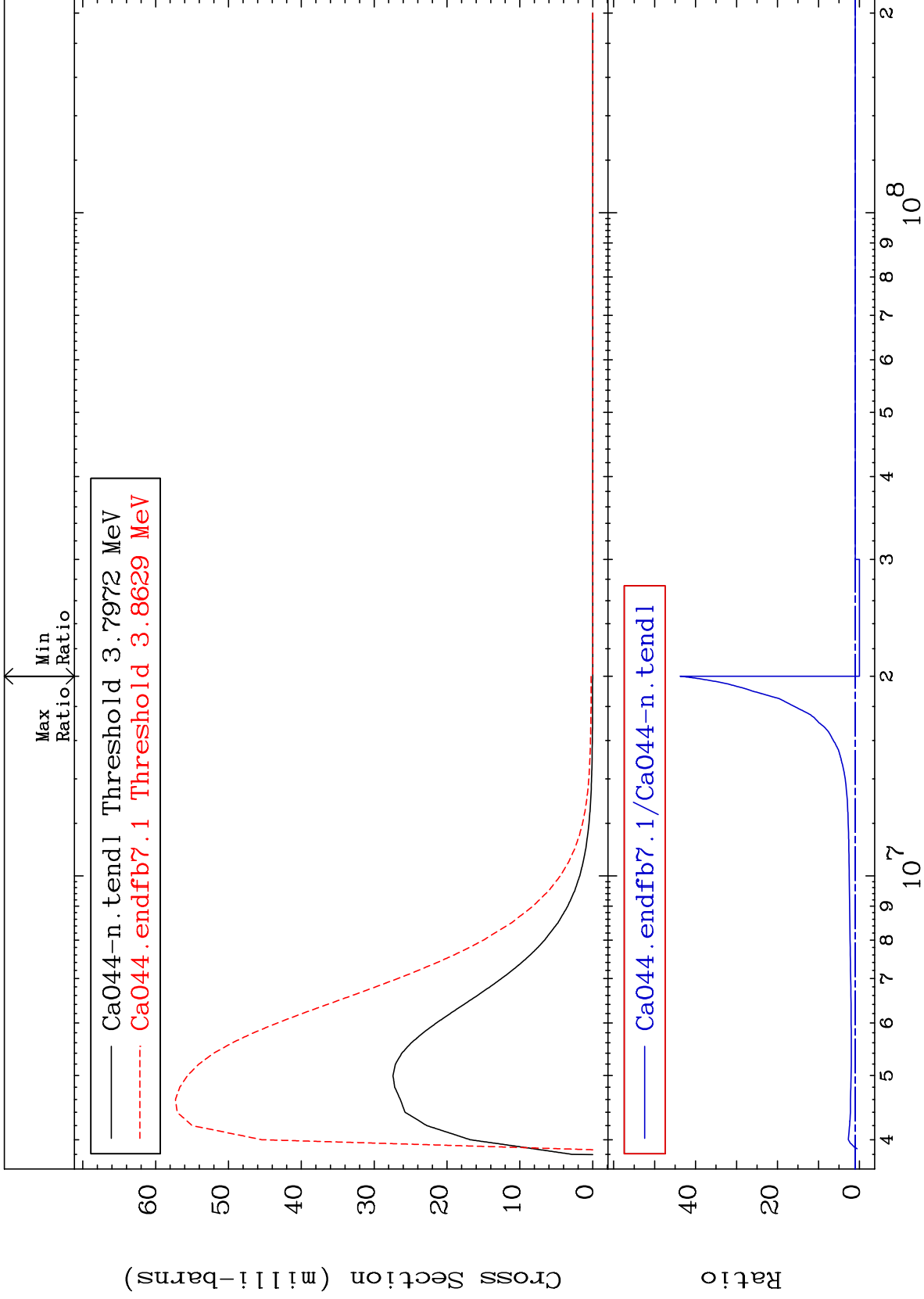
20-Ca-44  
-100.0 To 252.2 %



MAT 2037

3.712 MeV (n,n') Level  
Cross Section

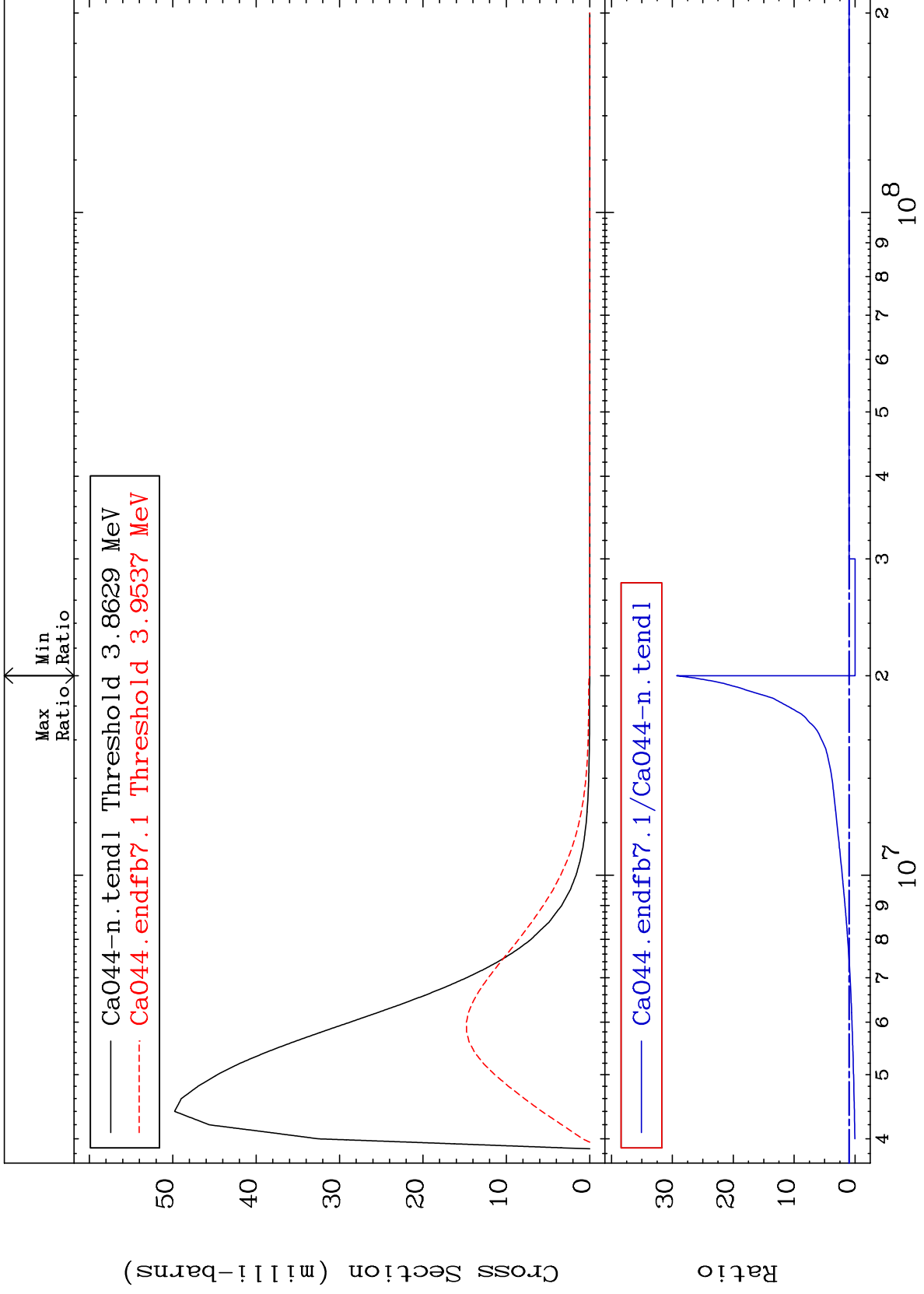
20-Ca-44  
-100.0 To 4272. %



MAT 2037

3.776 MeV (n,n') Level  
Cross Section

20-Ca-44  
-100.0 To 2825. %



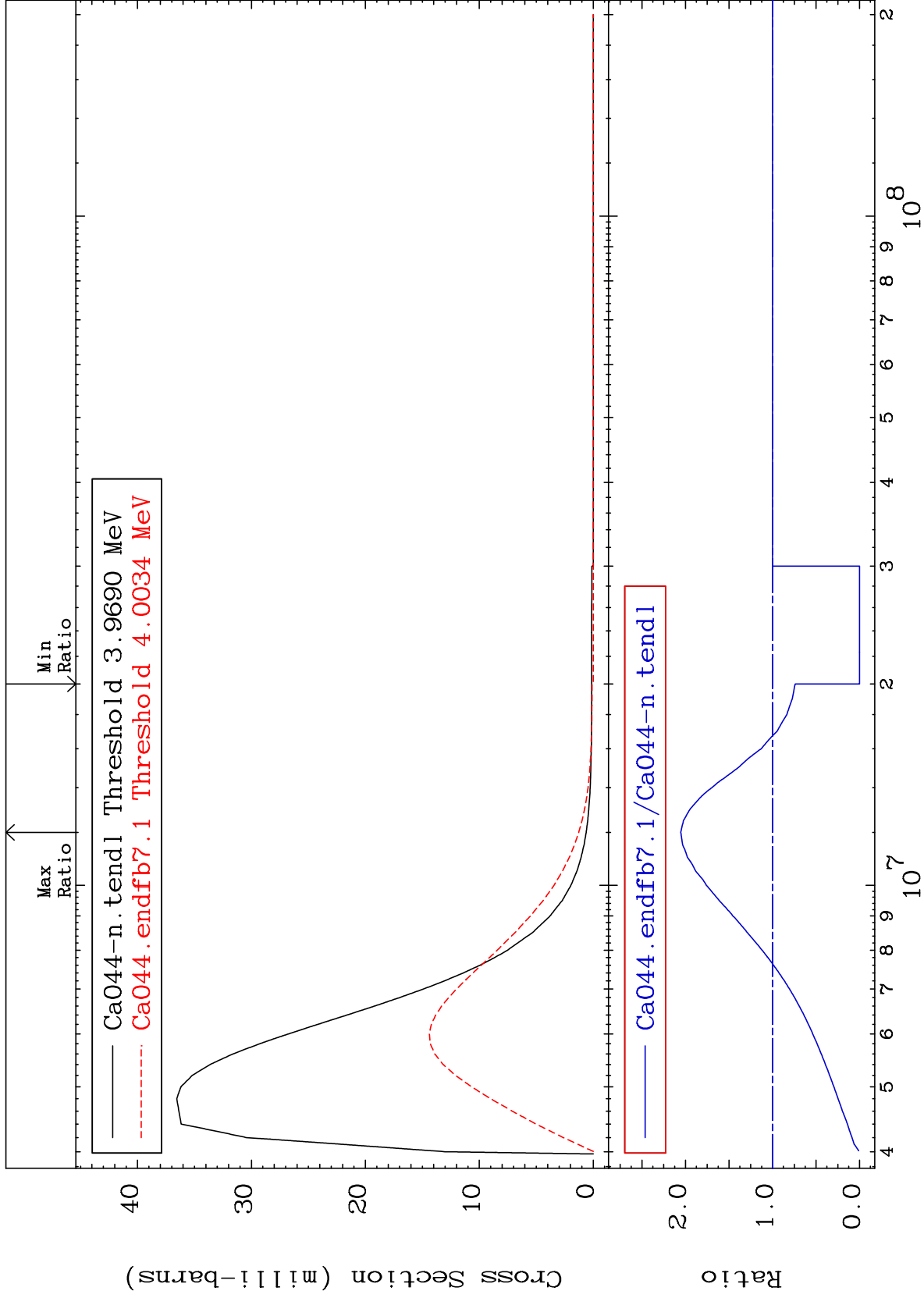
MAT 2037

3.880 MeV (n,n') Level

20-Ca-44

-100.0 To 105.4 %

Cross Section



24

Incident Energy (eV)

20-Ca-44



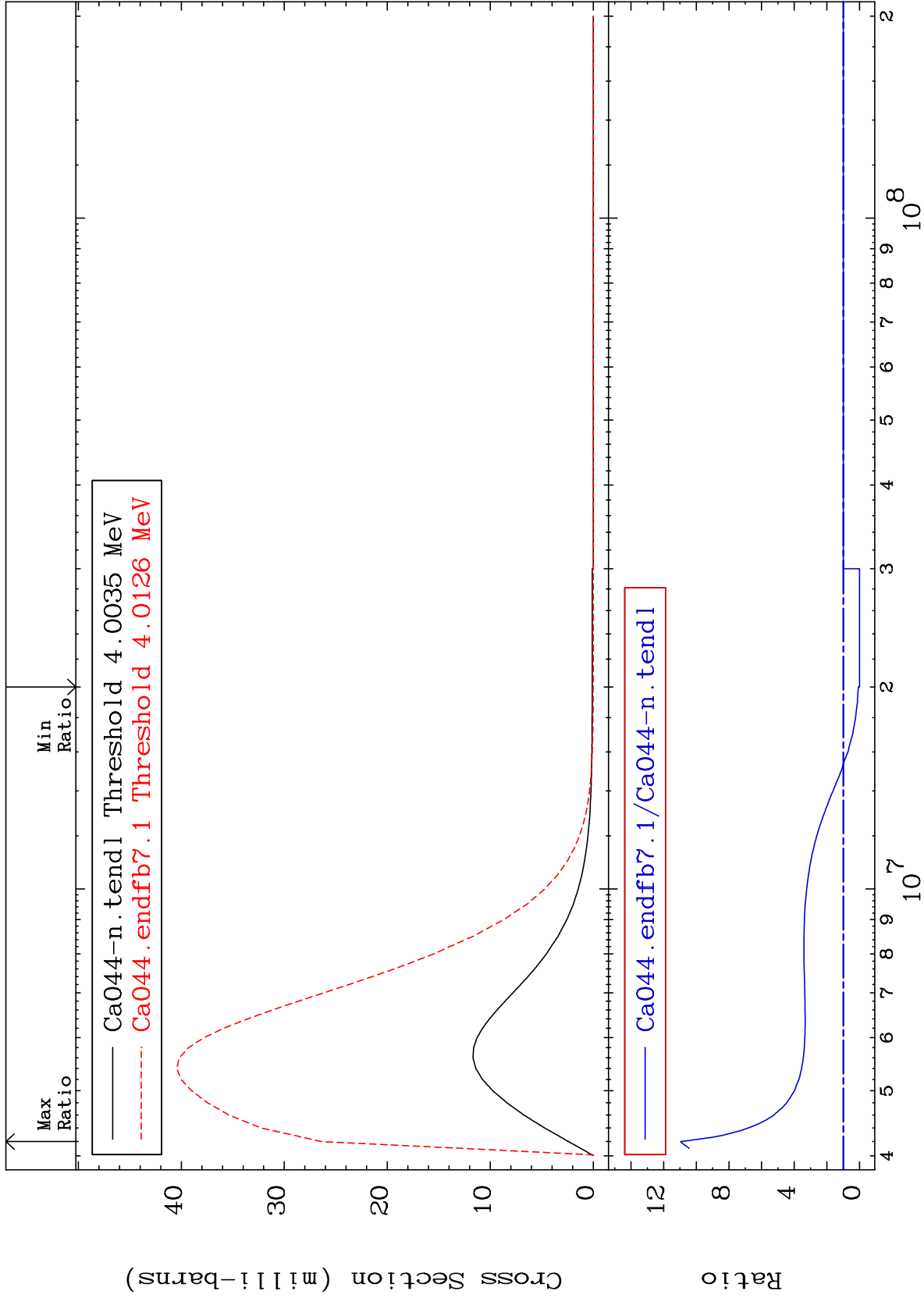
MAT 2037

3.914 MeV (n,n') Level

20-Ca-44

-100.0 To 995.1 %

Cross Section



25

Incident Energy (eV)

20-Ca-44

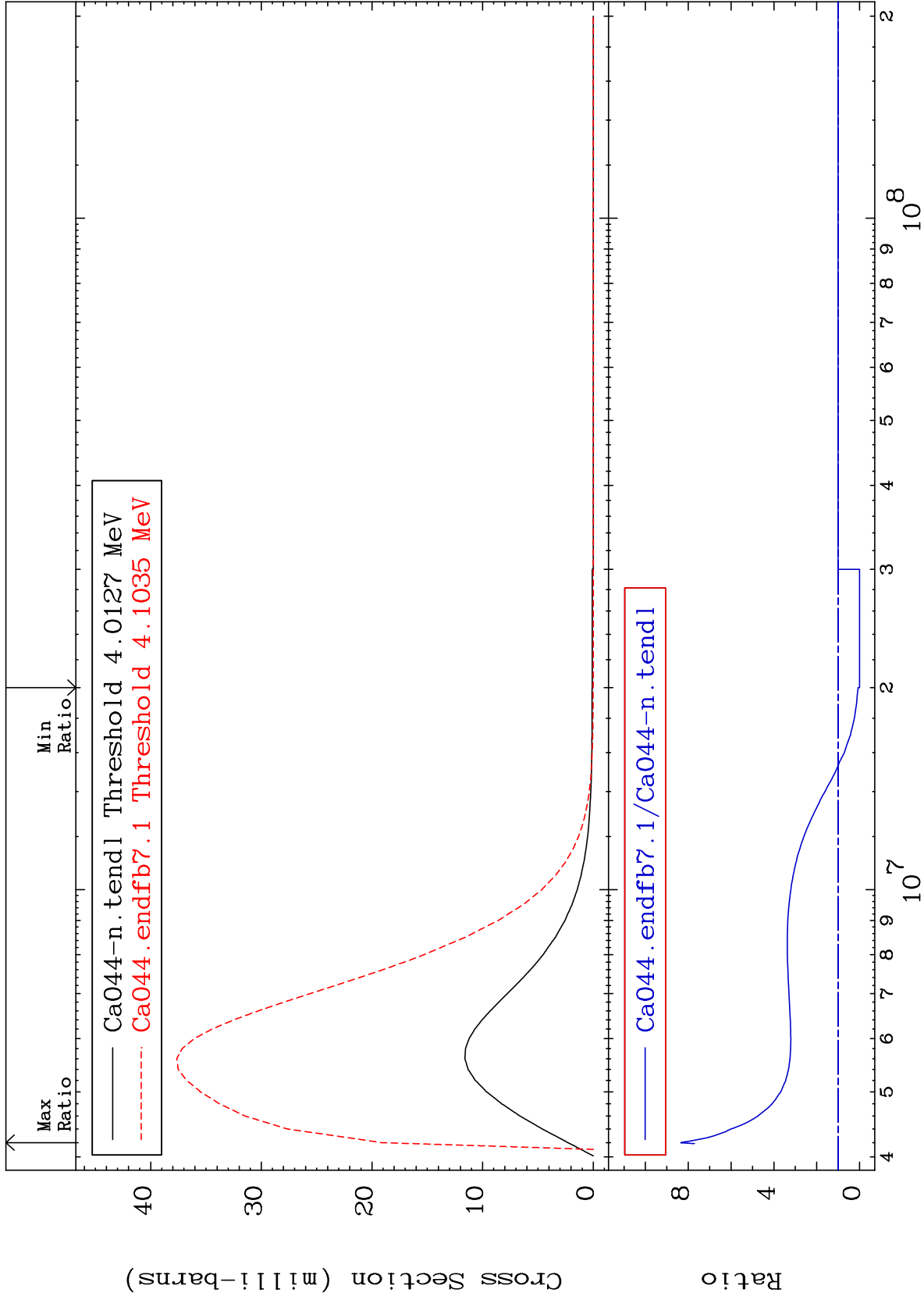
MAT 2037

3.923 MeV (n,n') Level

20-Ca-44

-100.0 To 735.0 %

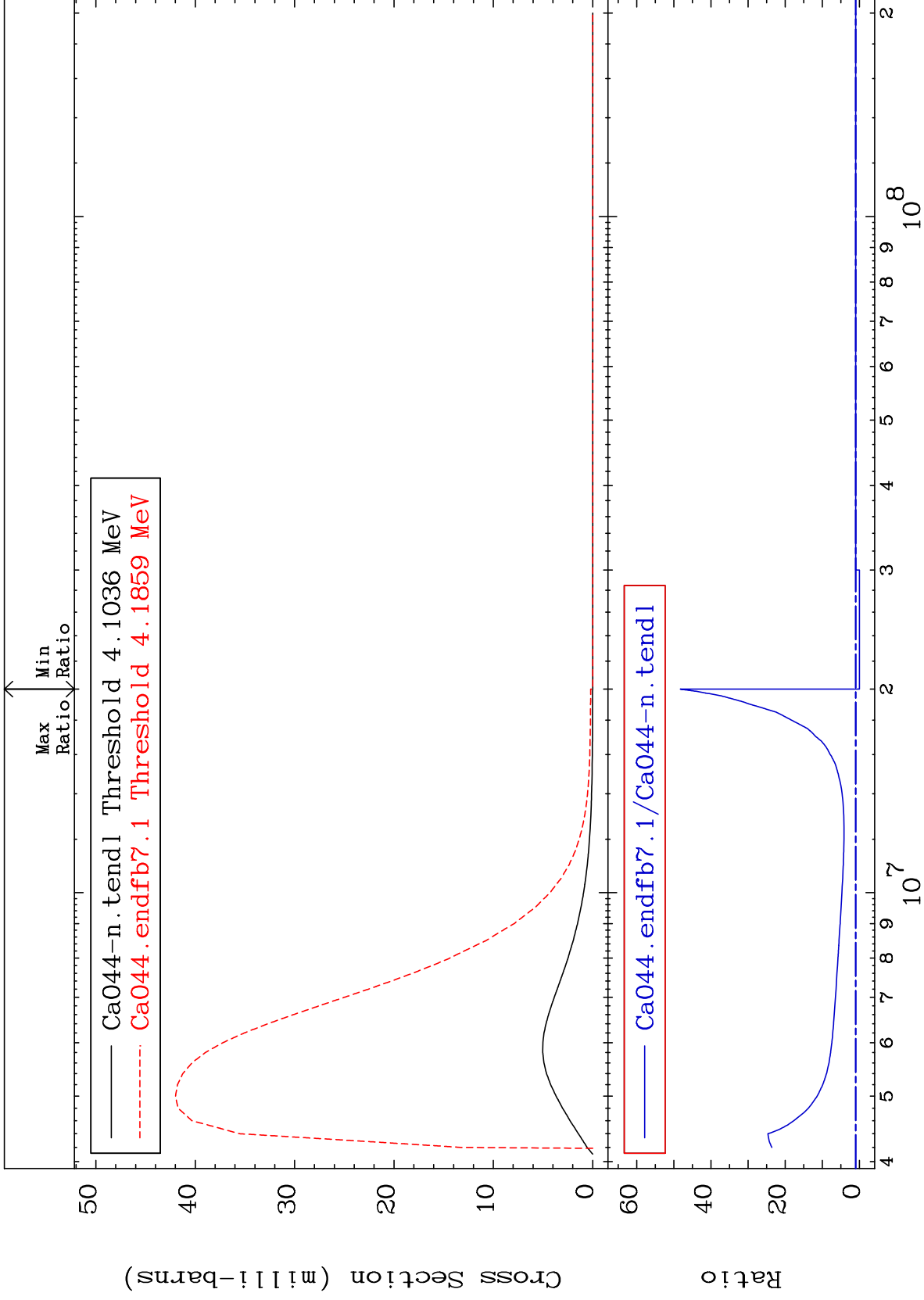
Cross Section



MAT 2037

4.012 MeV (n,n') Level  
Cross Section

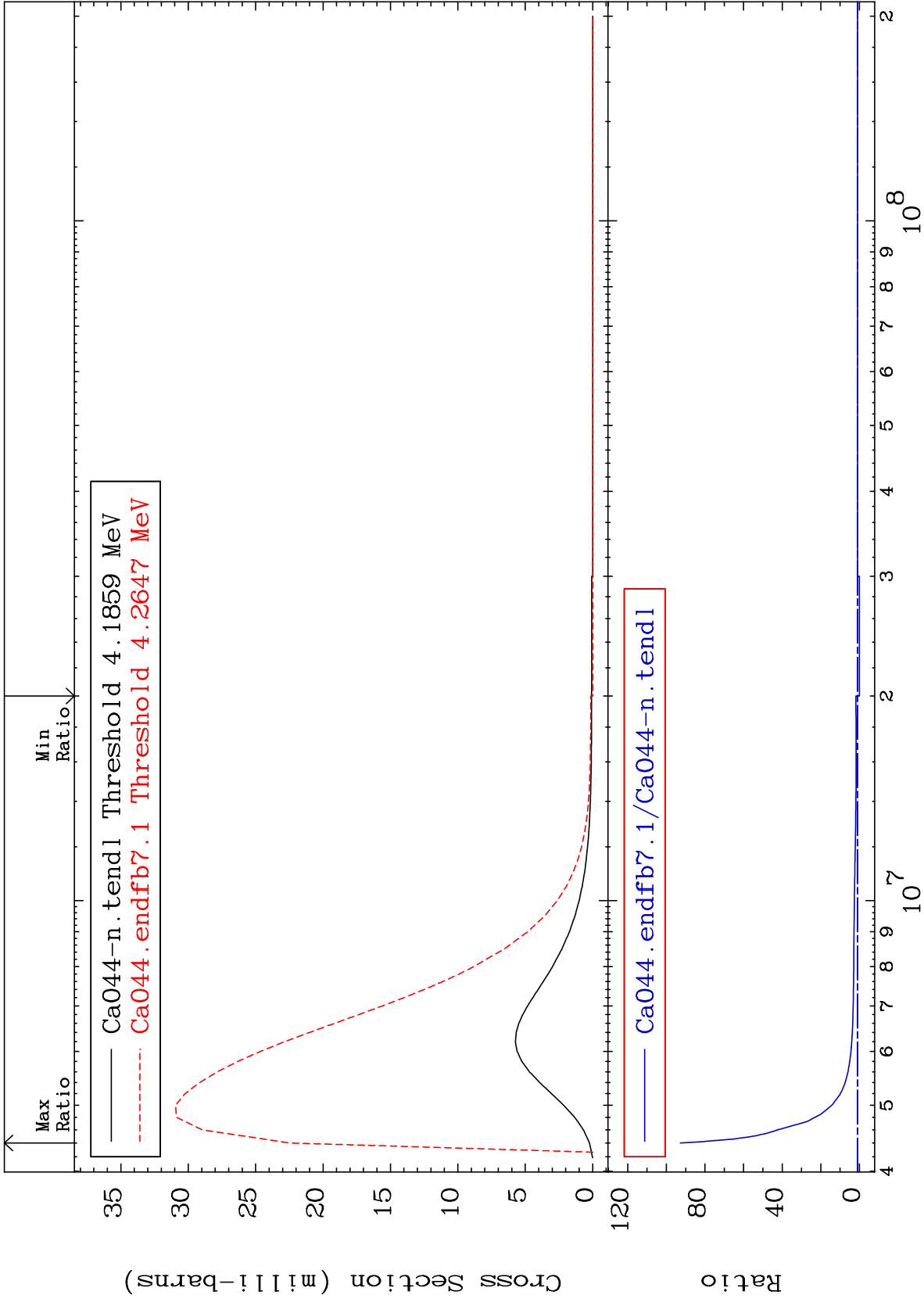
20-Ca-44  
-100.0 To 4724. %

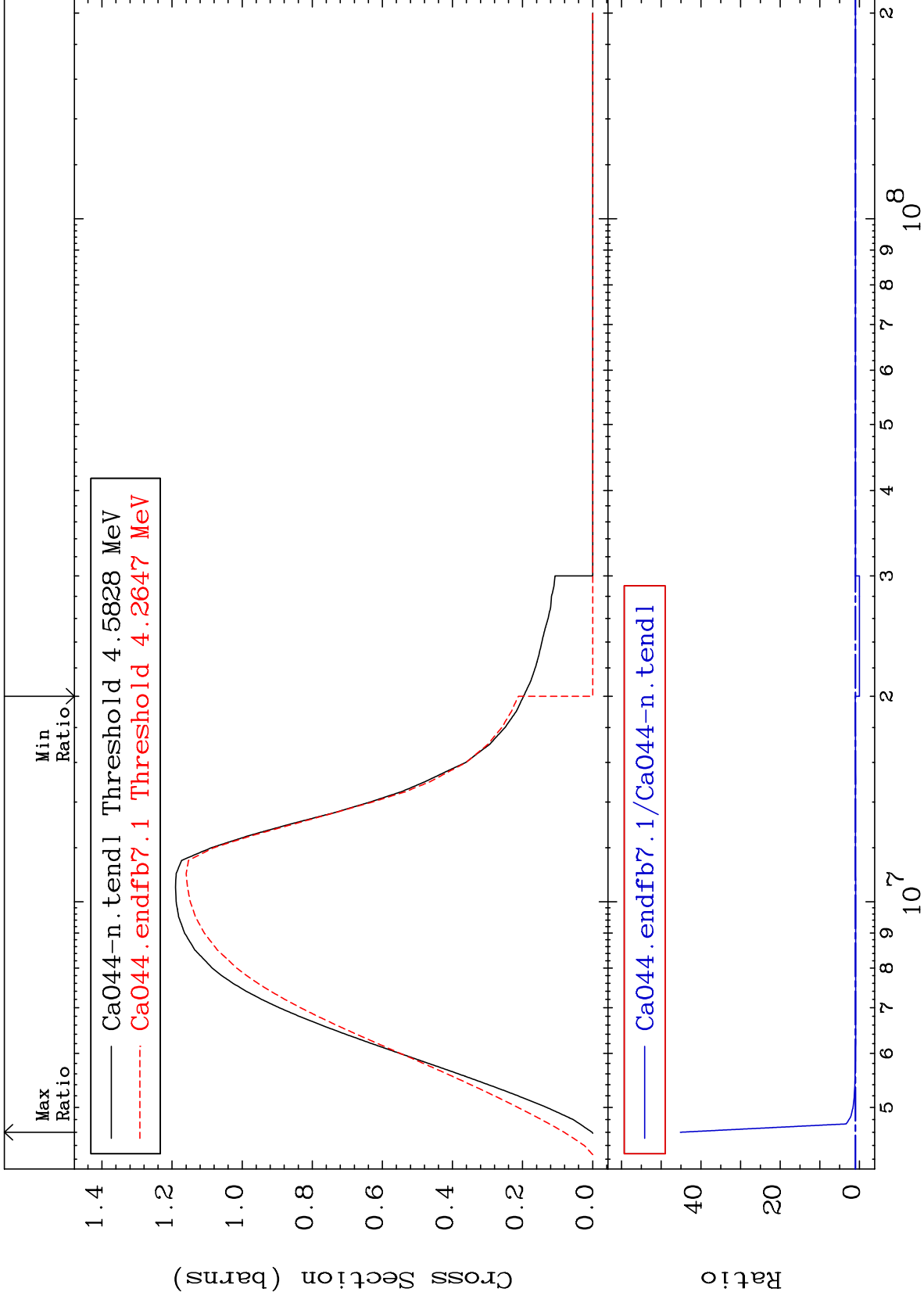


27

Incident Energy (eV)

20-Ca-44



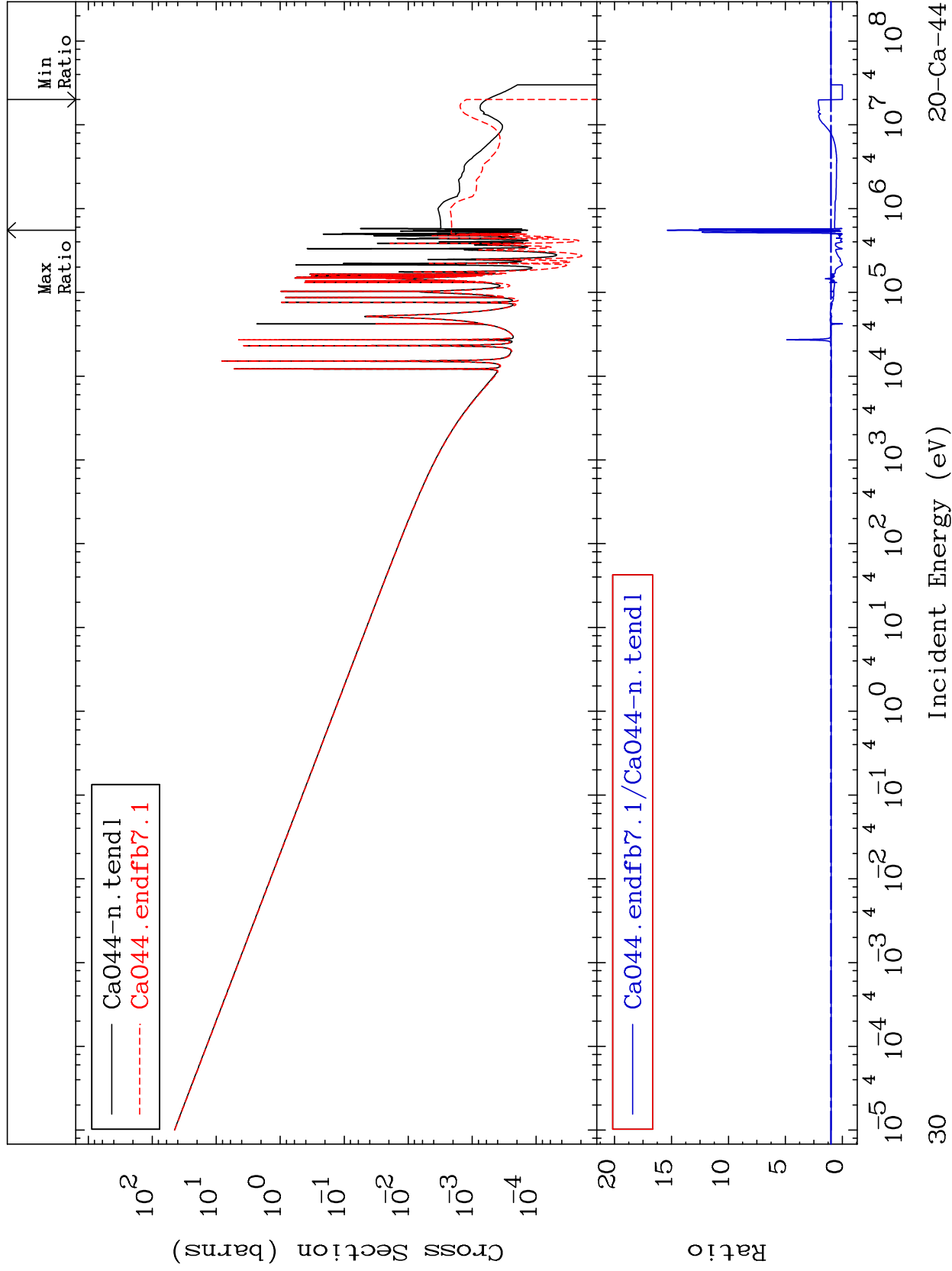


MAT 2037

(n,  $\gamma$ )  
Cross Section

20-Ca-44

-100.0 To 1435. %



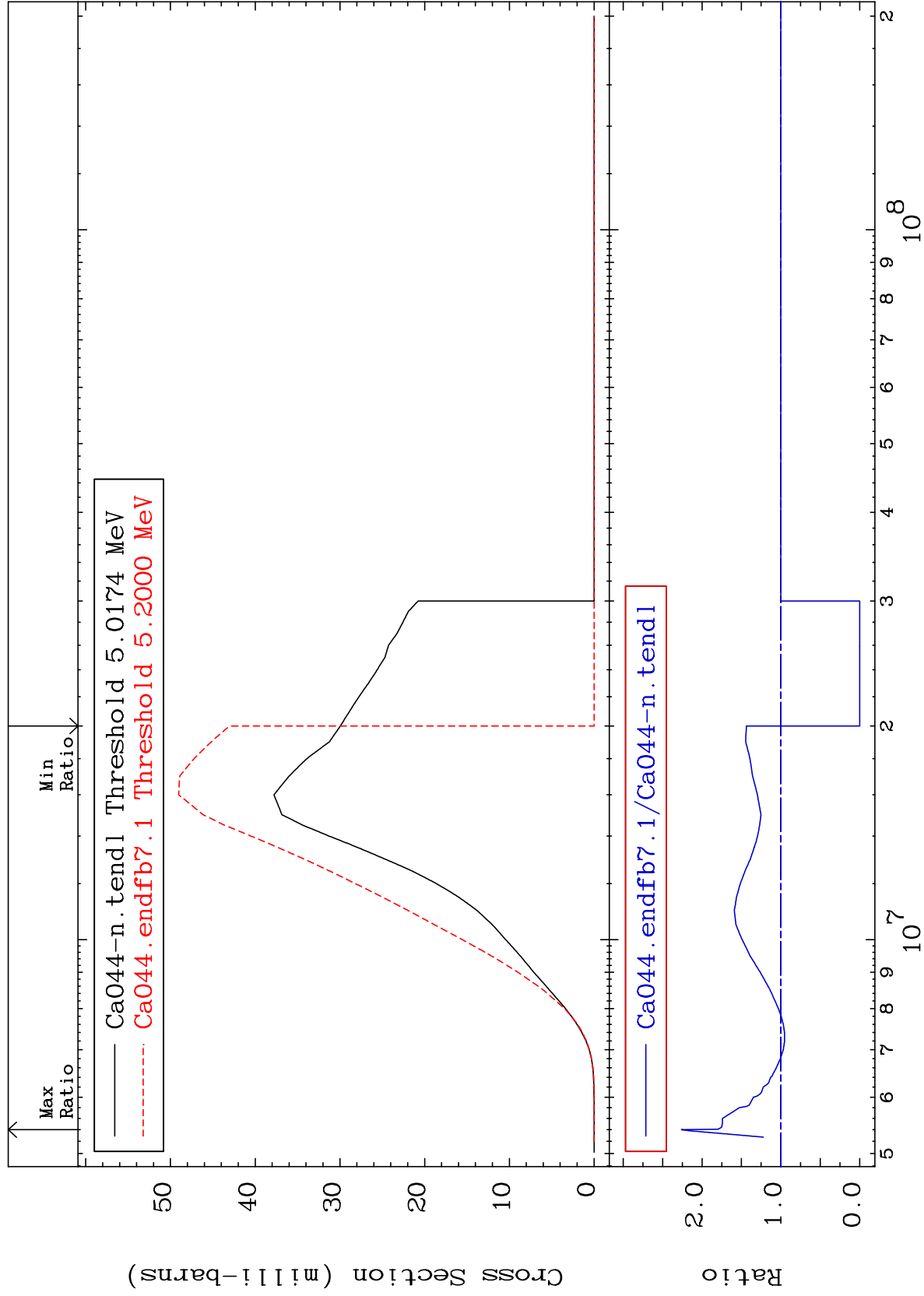
MAT 2037

(n,p)

20-Ca-44

Cross Section

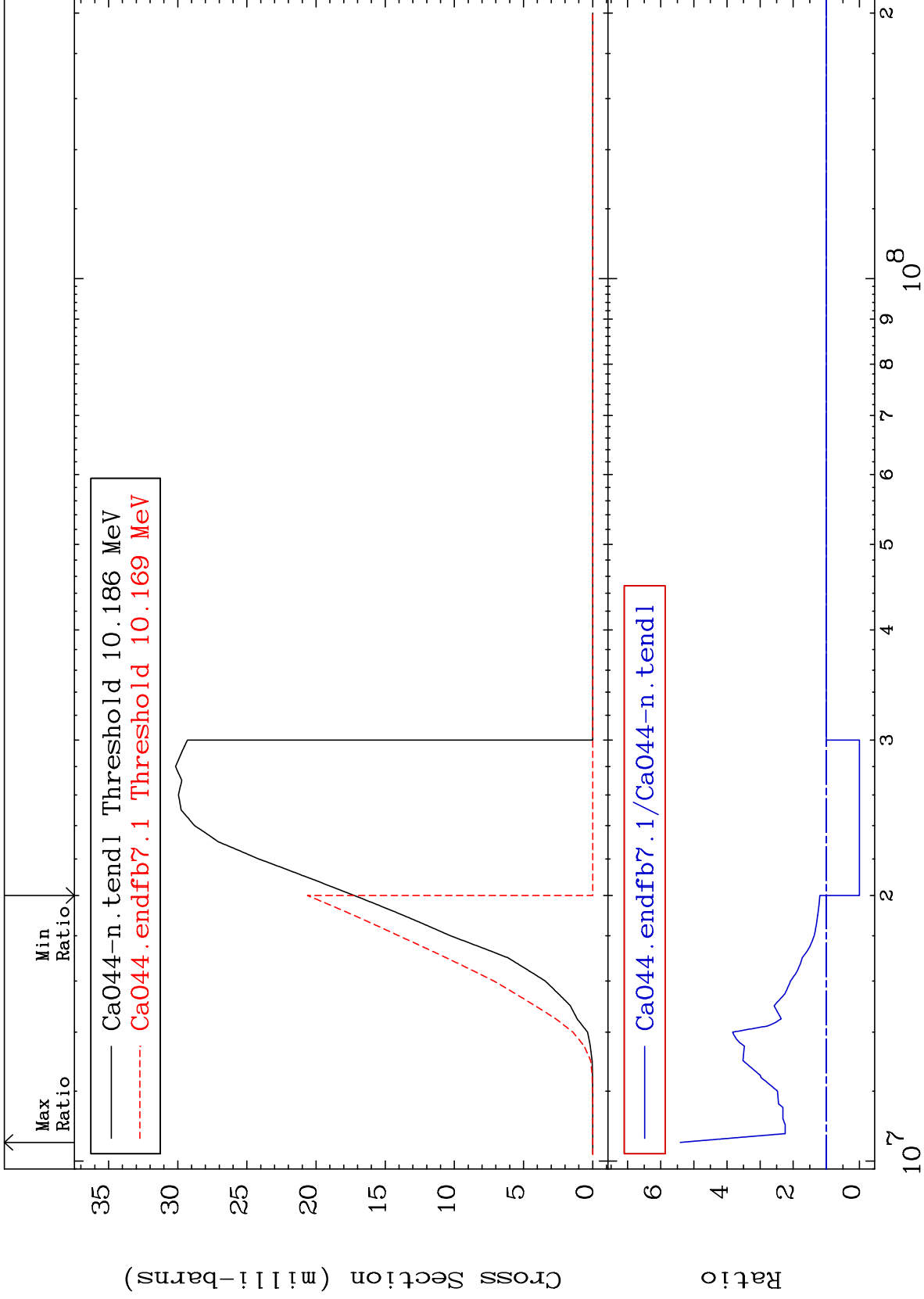
-100.0 To 126.2 %



MAT 2037

(n, d)  
Cross Section

20-Ca-44  
-100.0 To 440.8 %

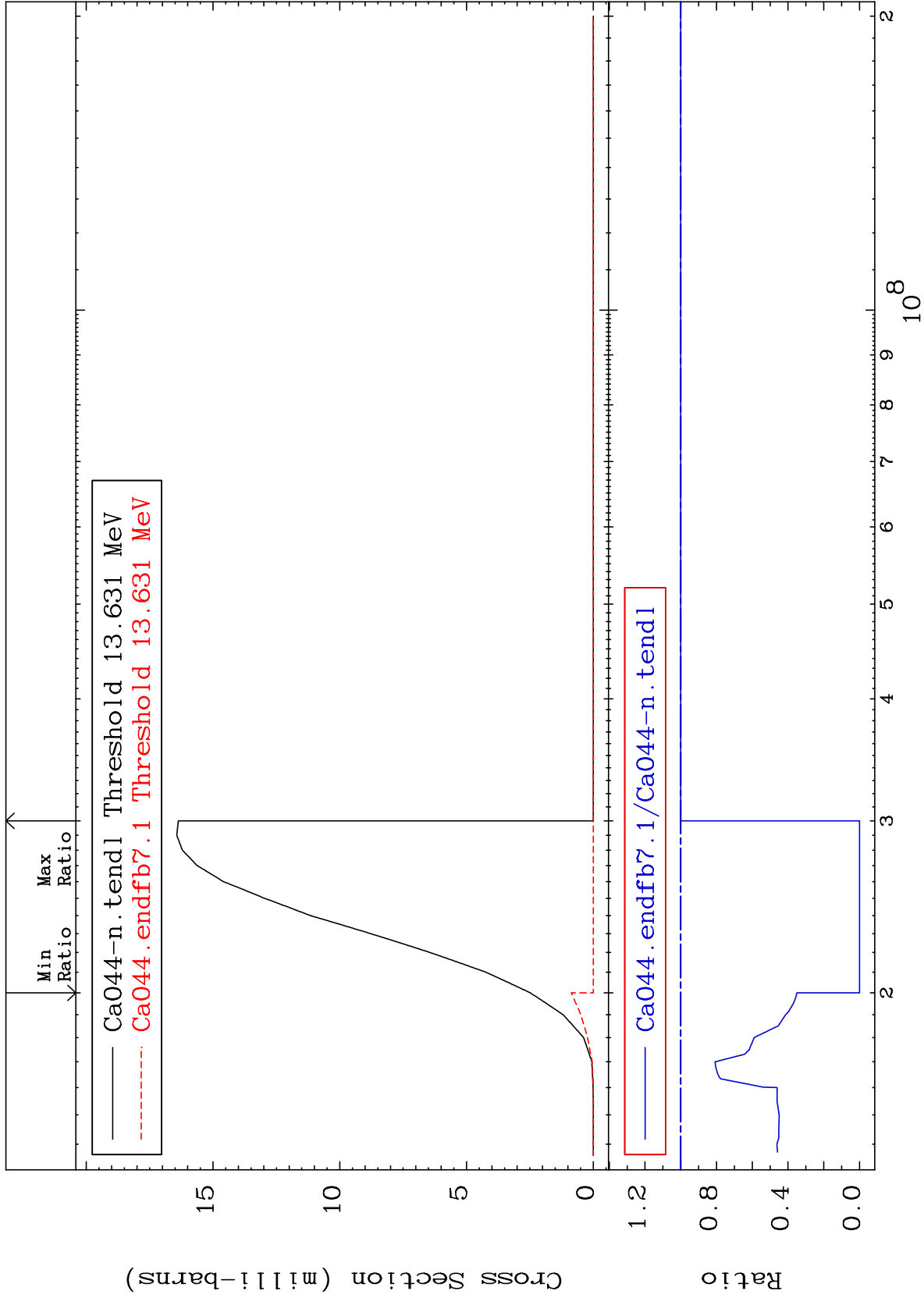


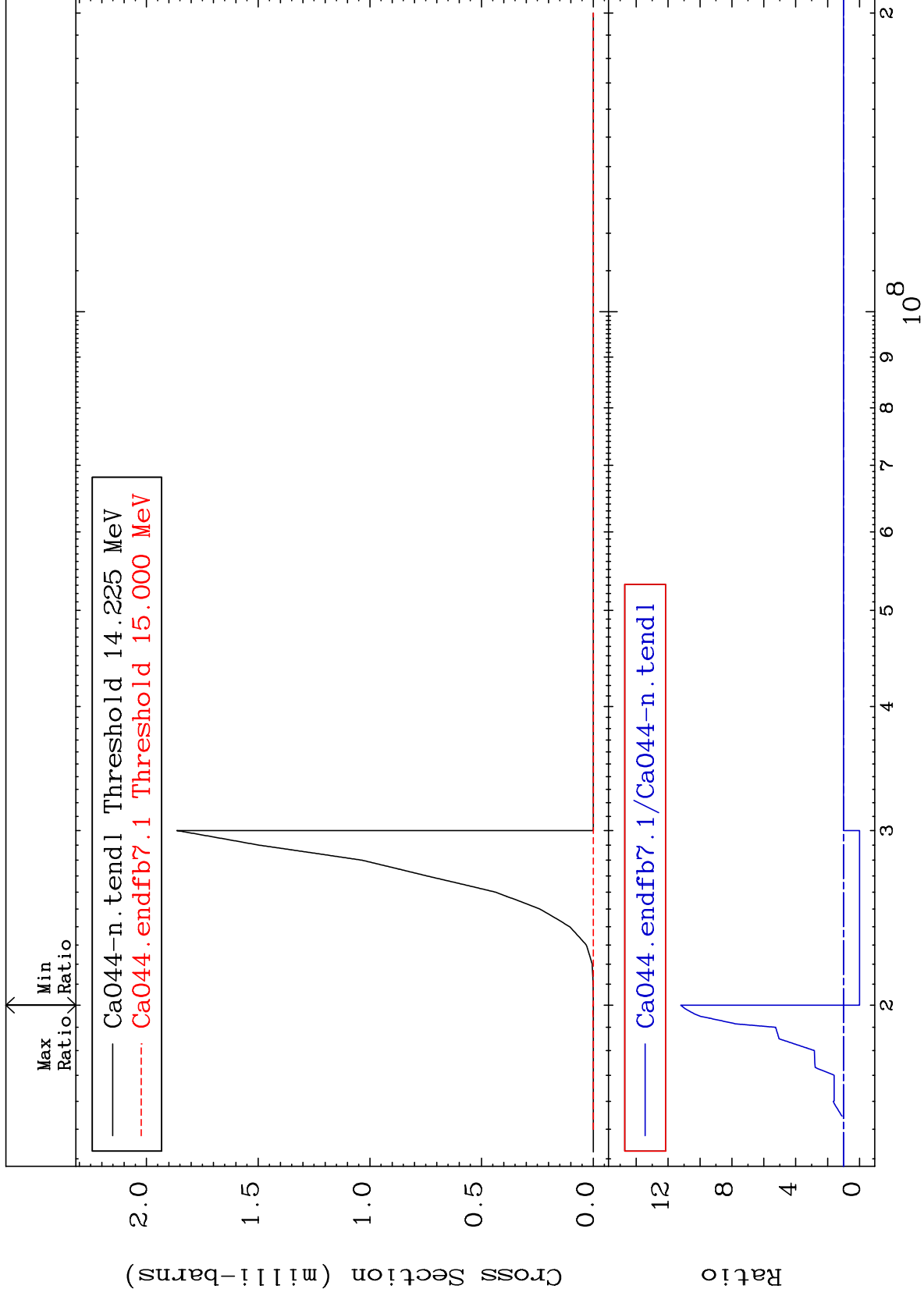
32



(n, t)  
Cross Section

-100.0 To 0.000 %



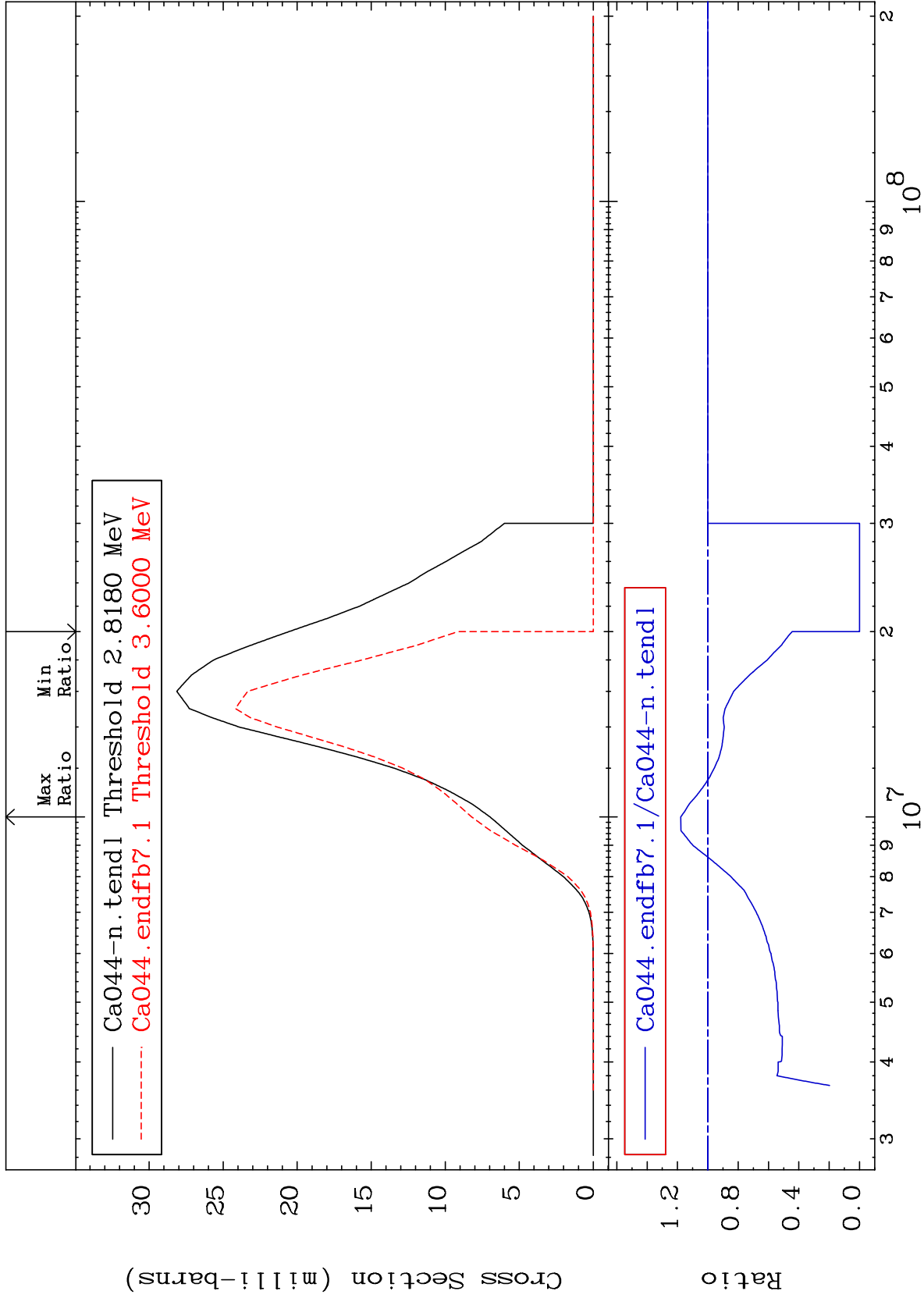


MAT 2037

20-Ca-44

-100.0 To 17.82 %

(n,  $\alpha$ )  
Cross Section

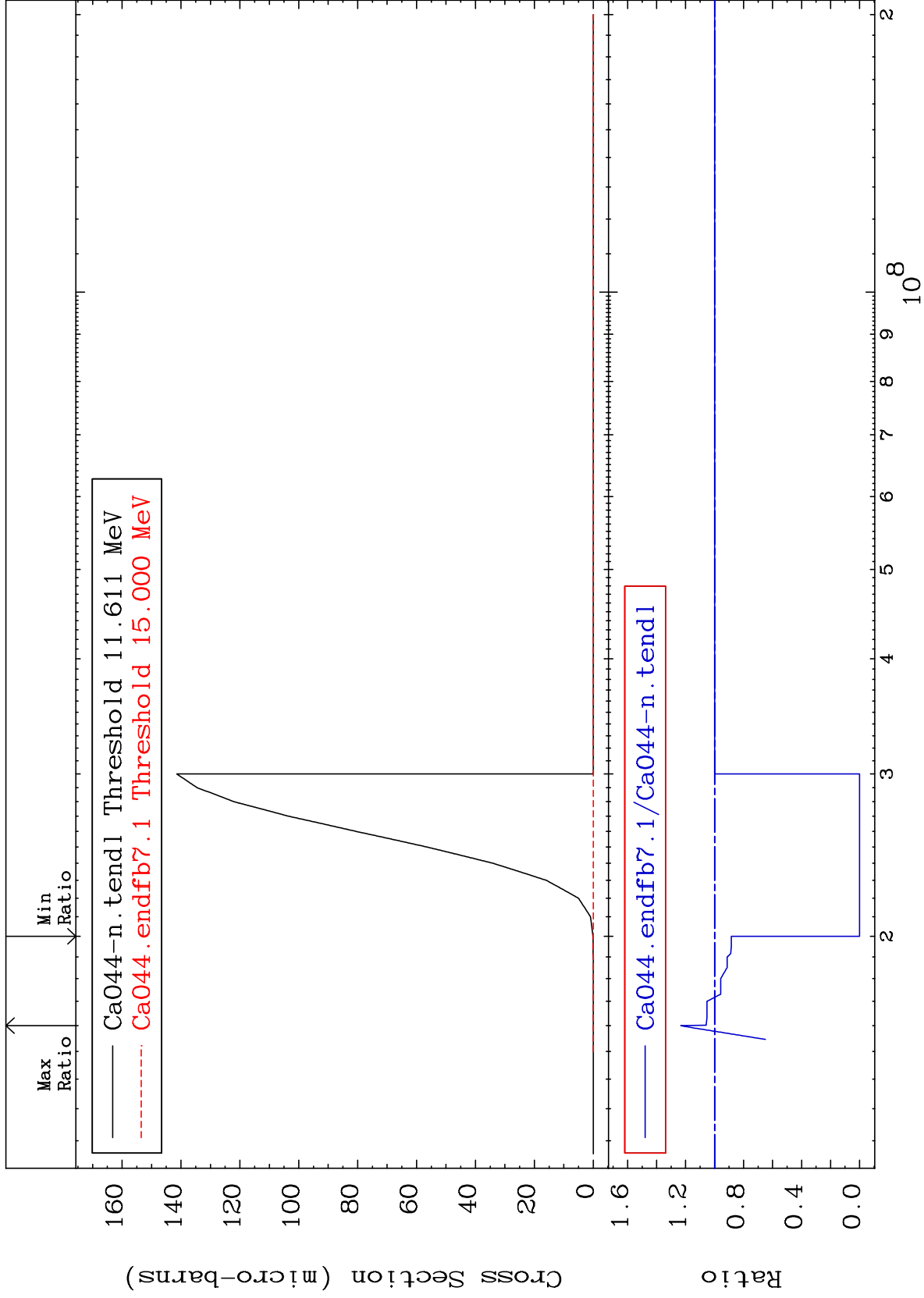


35

20-Ca-44

Cross Section

-100.0 To 23.34 %



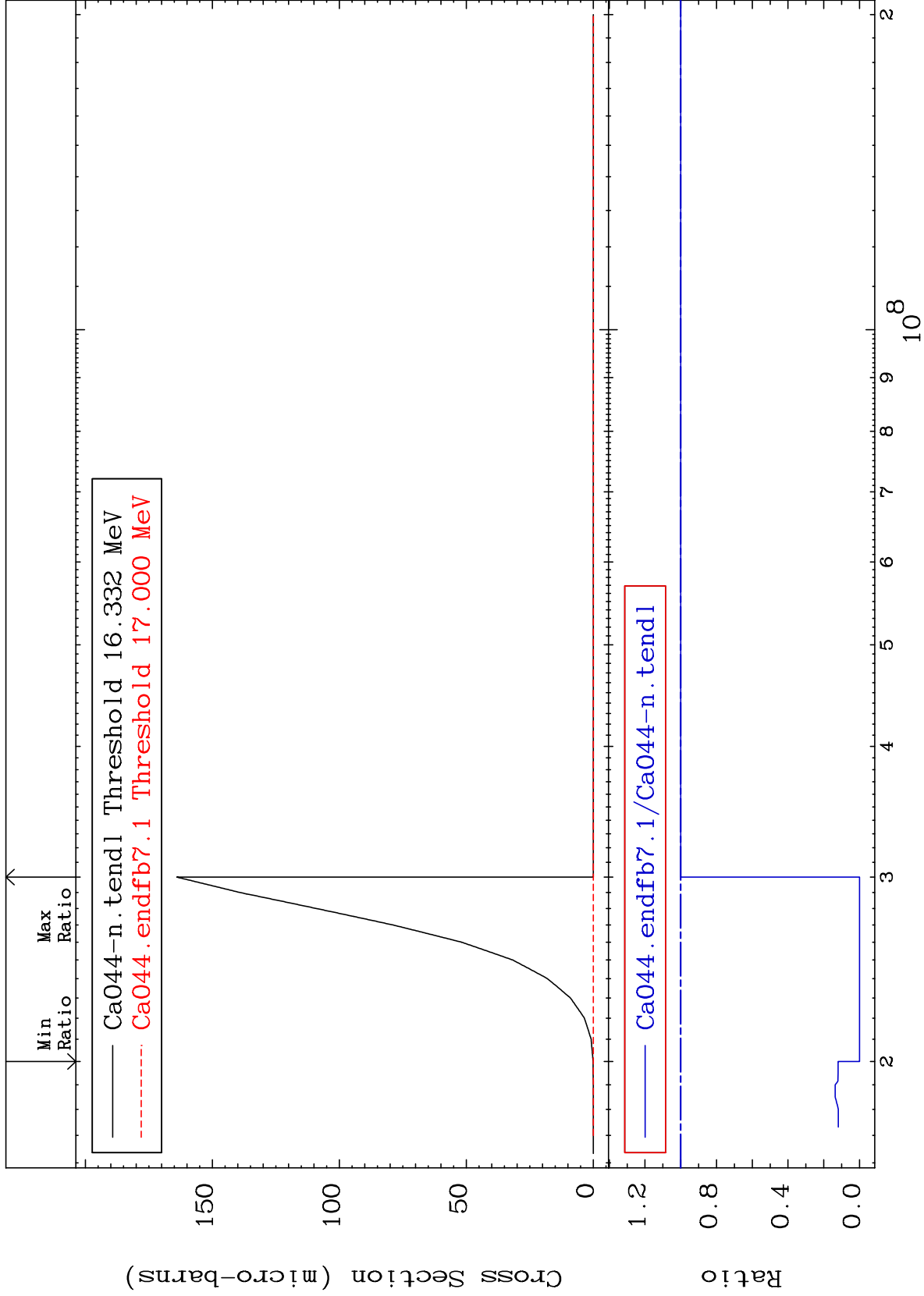
MAT 2037

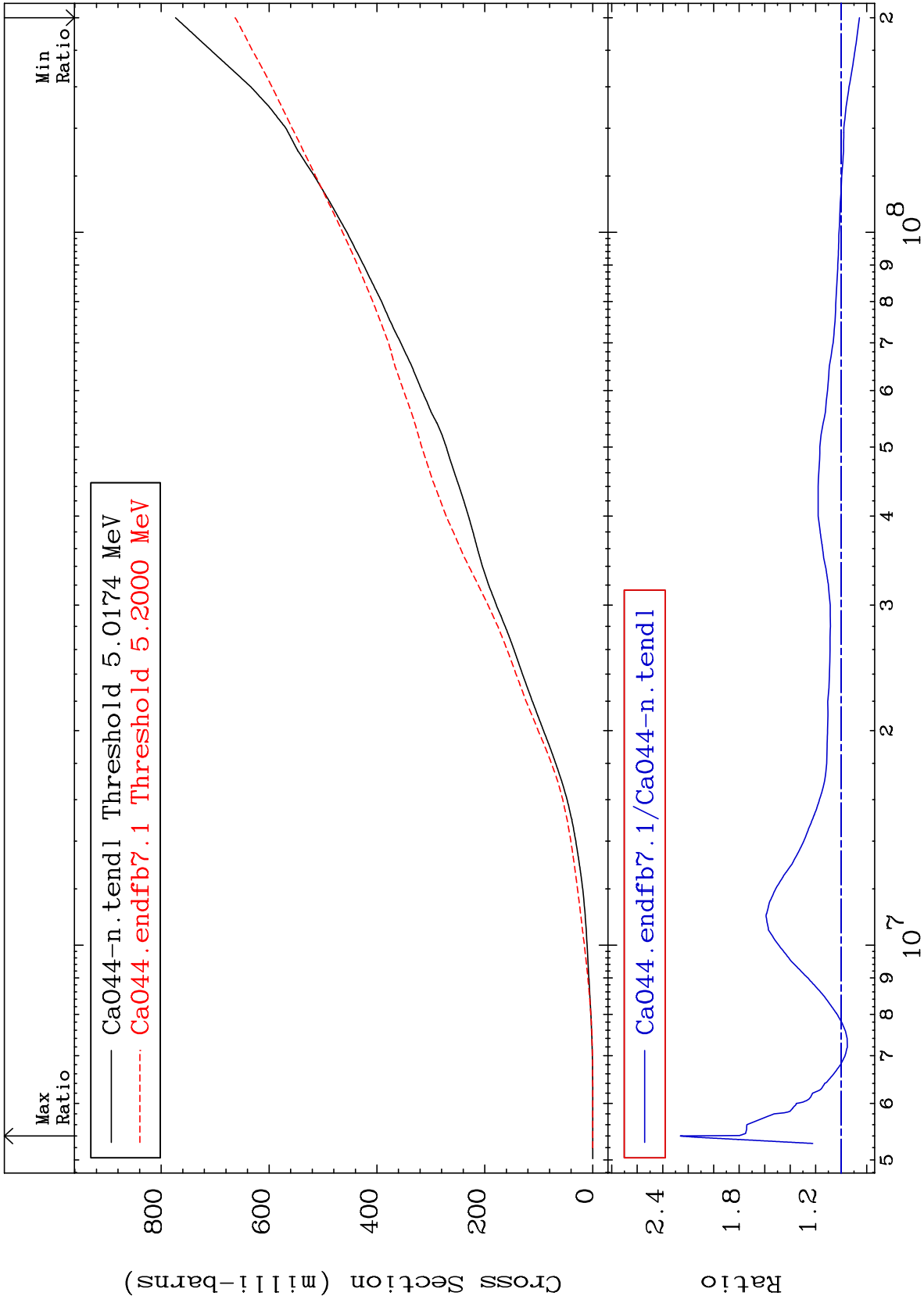
(n,2p)

20-Ca-44

Cross Section

-100.0 To 0.000 %

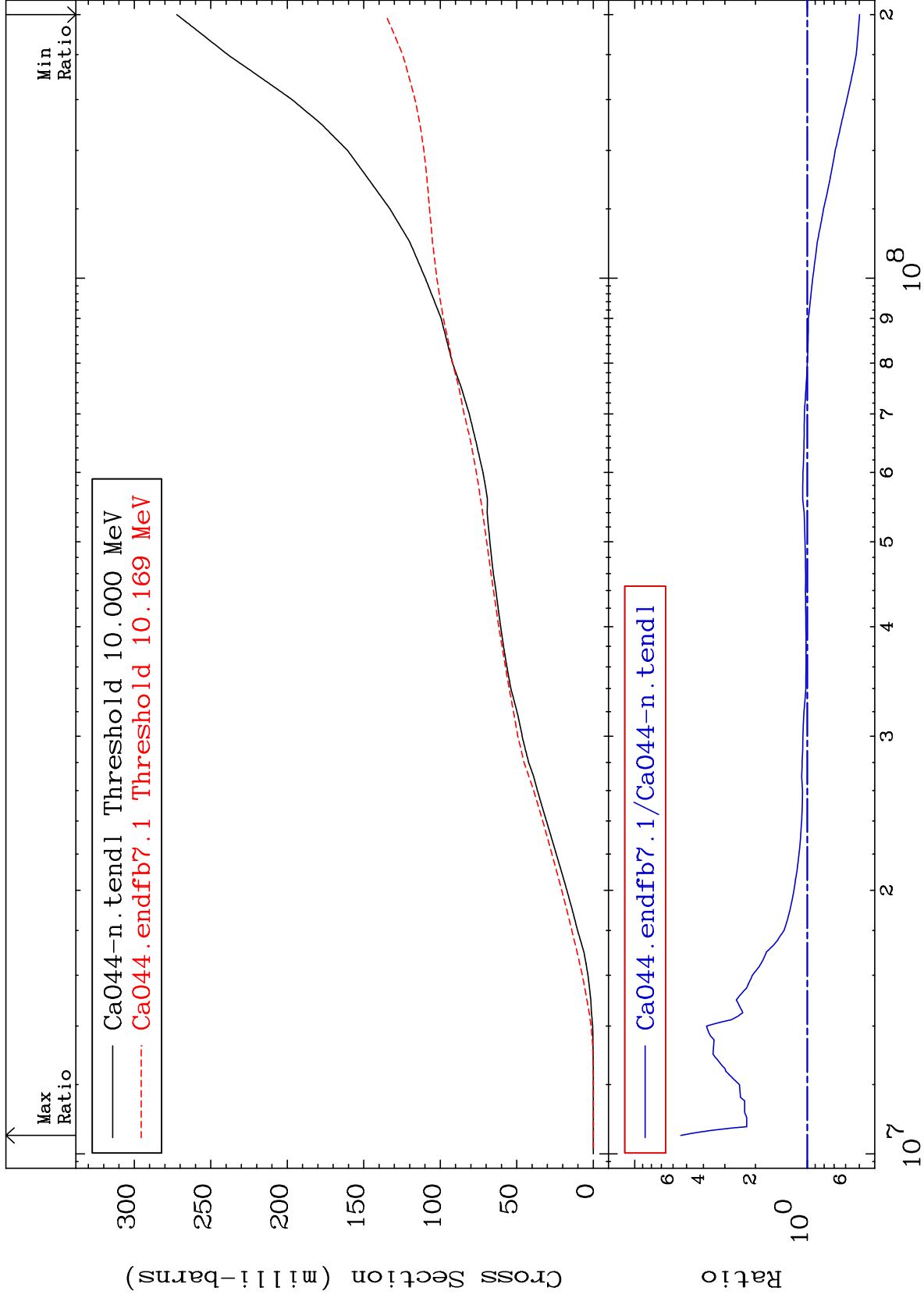




MAT 2037

Deuterium Production  
Cross Section

20-Ca-44  
-50.14 To 440.8 %



39

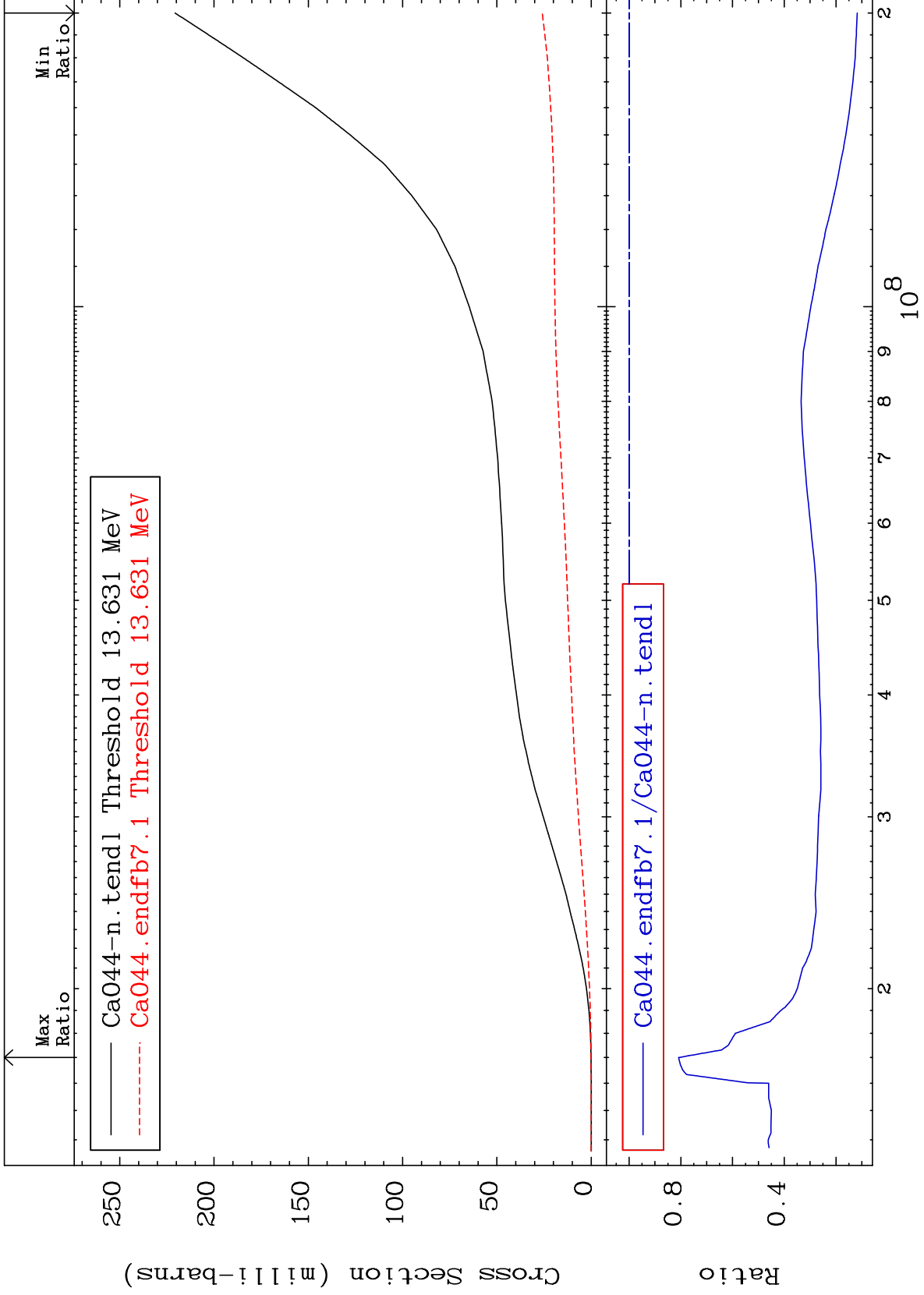
Incident Energy (eV)

20-Ca-44

MAT 2037

Tritium Production  
Cross Section

20-Ca-44  
-88.24 To -19.16%



40

Incident Energy (eV)

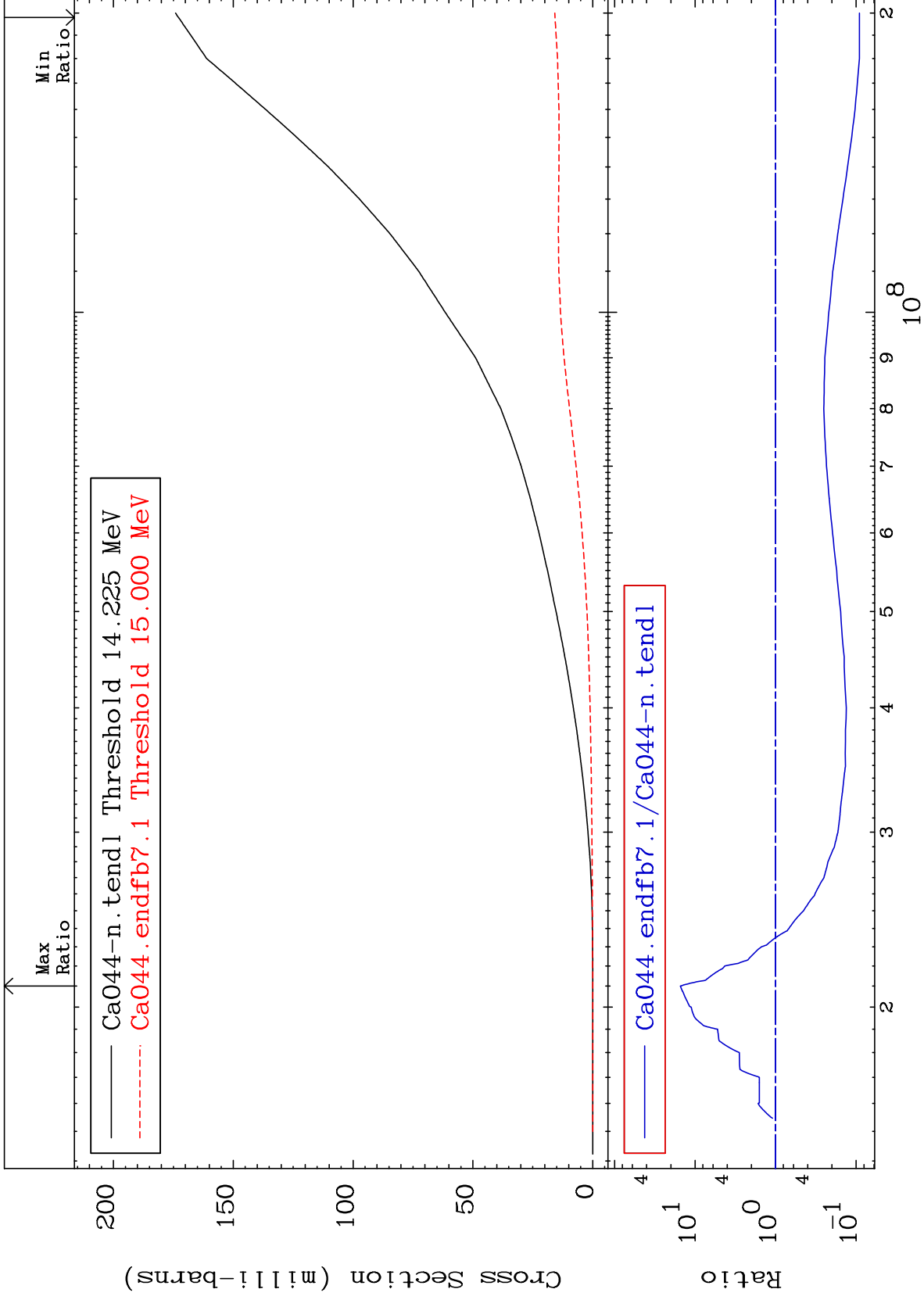
20-Ca-44



MAT 2037

He-3 Production  
Cross Section

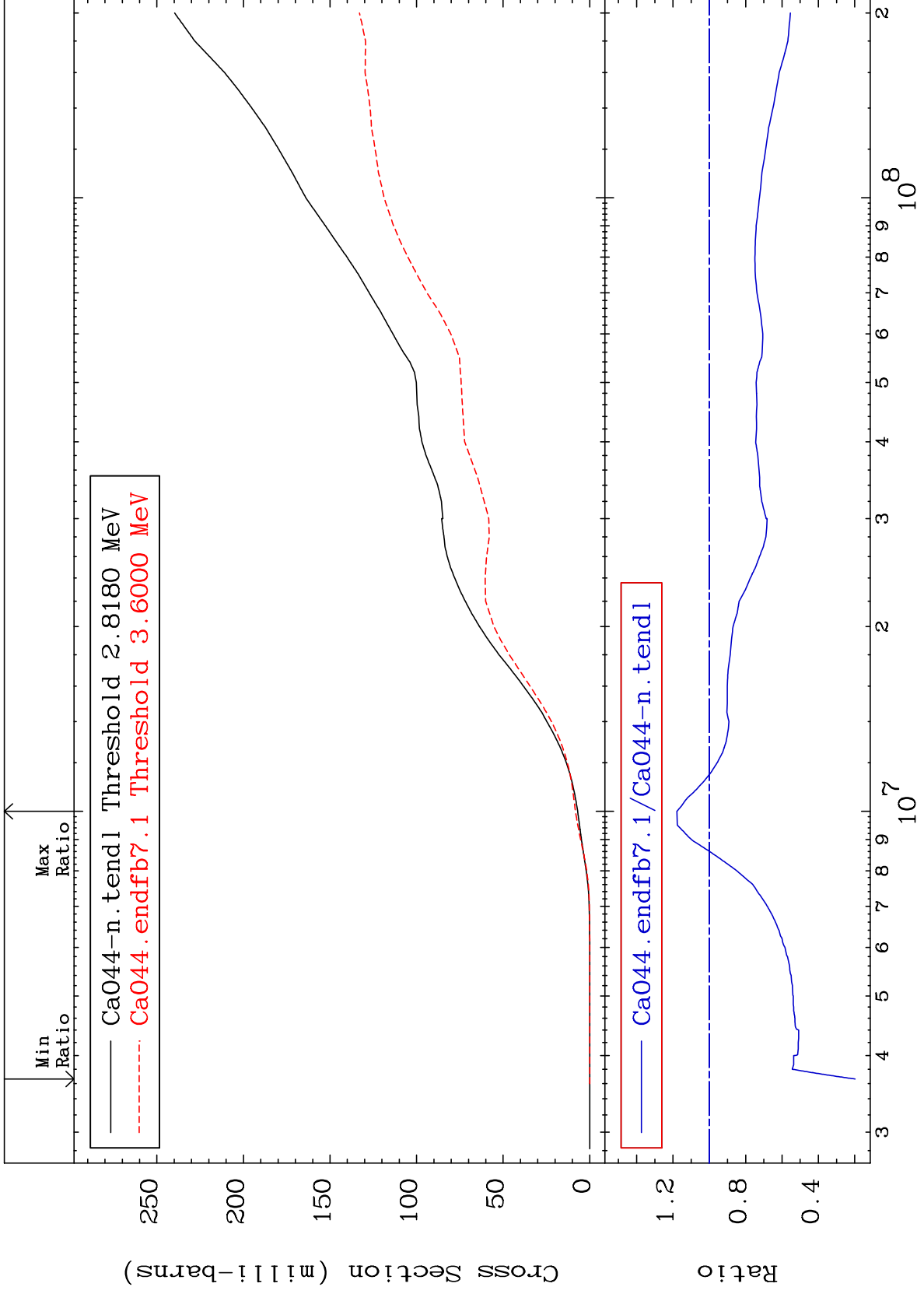
20-Ca-44  
-90.90 To 1424. %

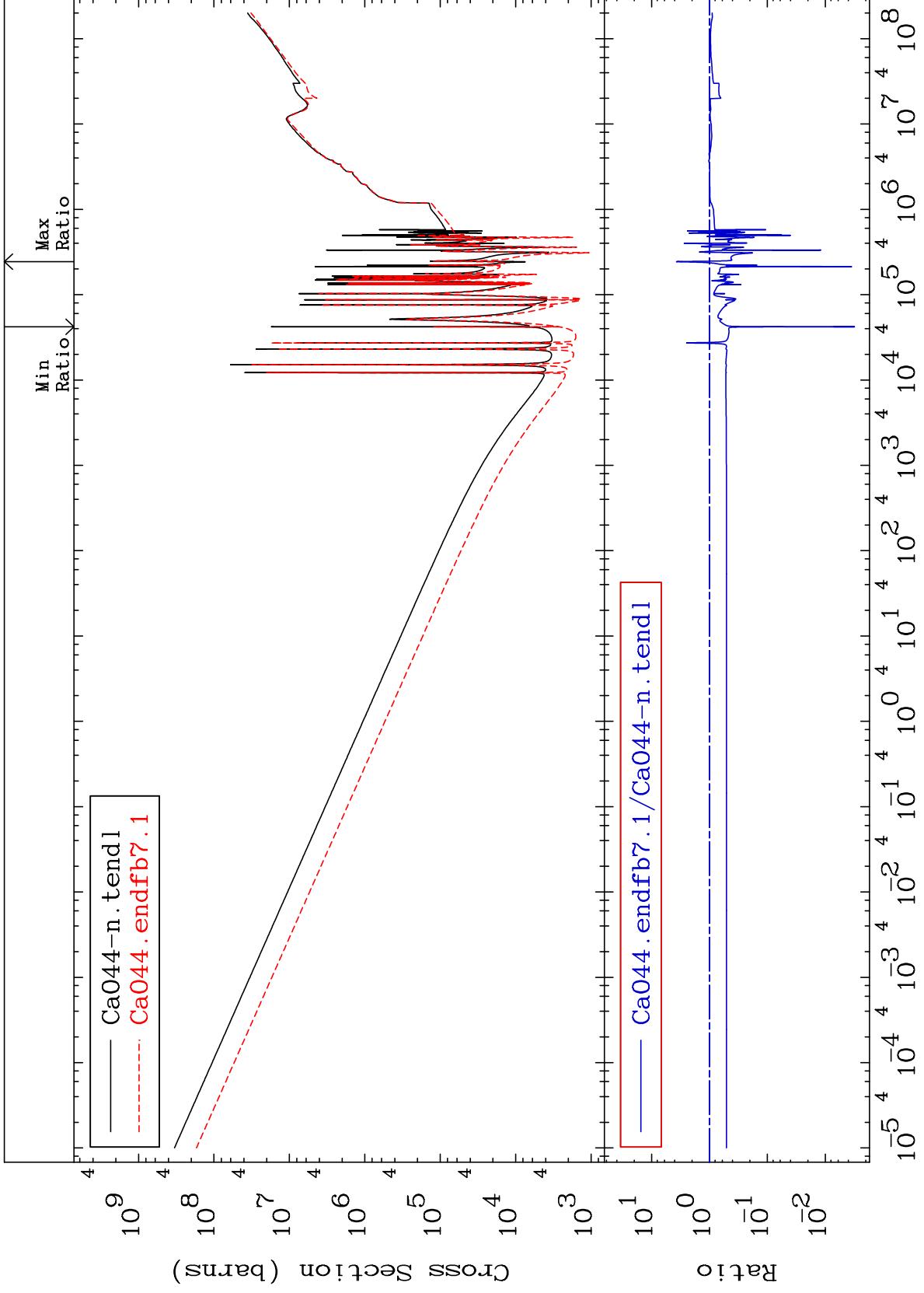


MAT 2037

He-4 Production  
Cross Section

20-Ca-44  
-80.21 To 17.82 %

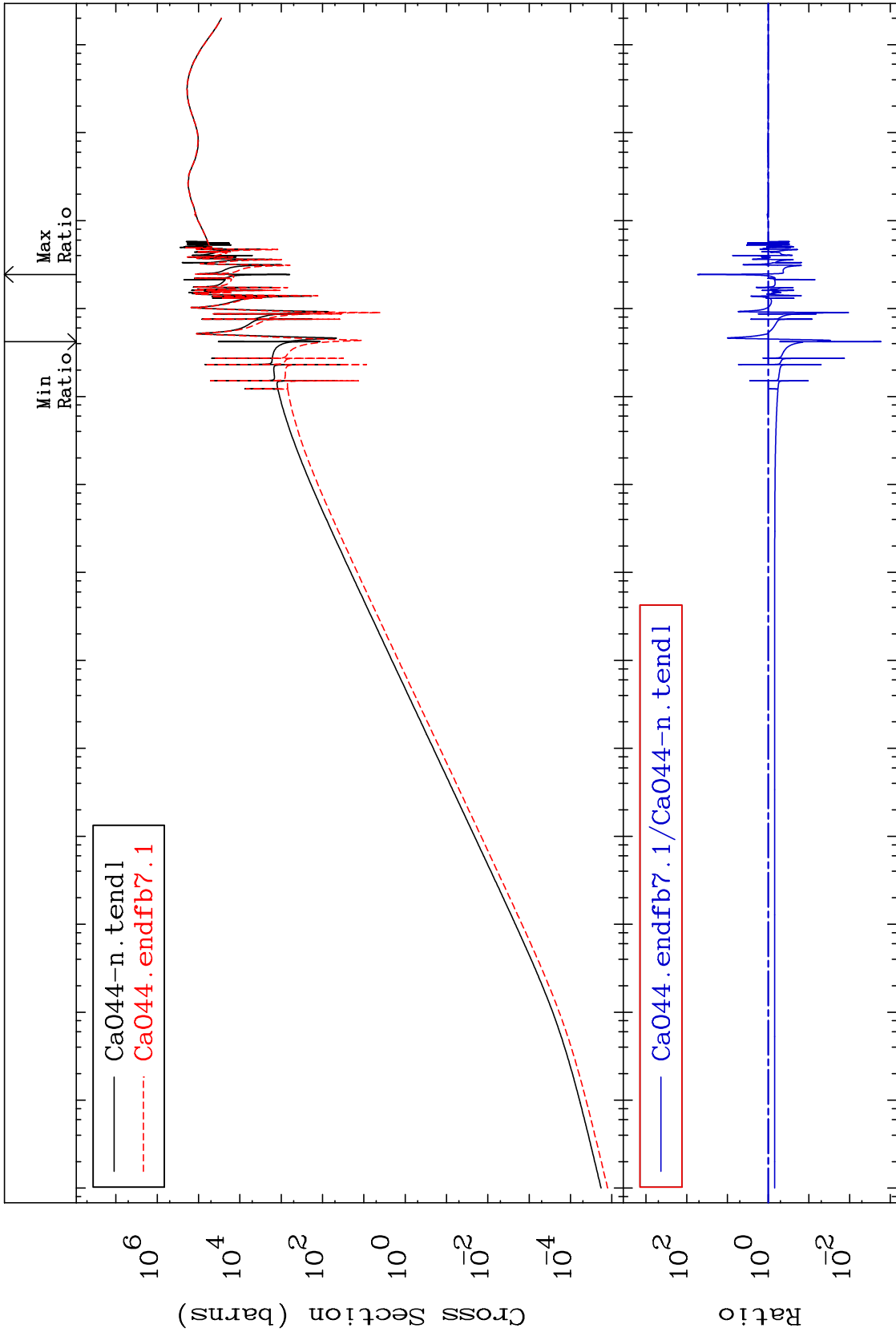




MAT 2037

Kerma elastic  
Cross Section

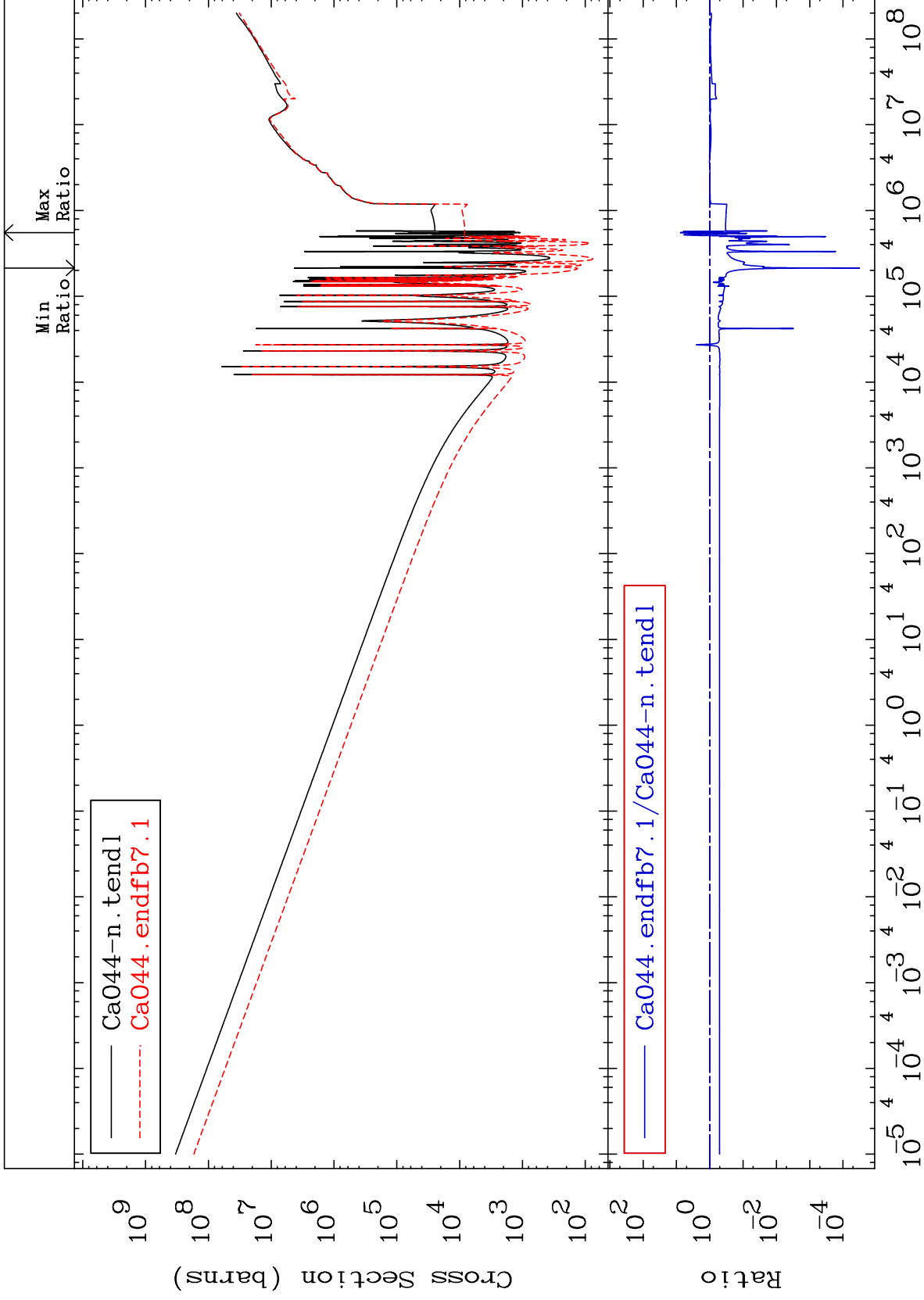
20-Ca-44  
-99.83 To 5337. %

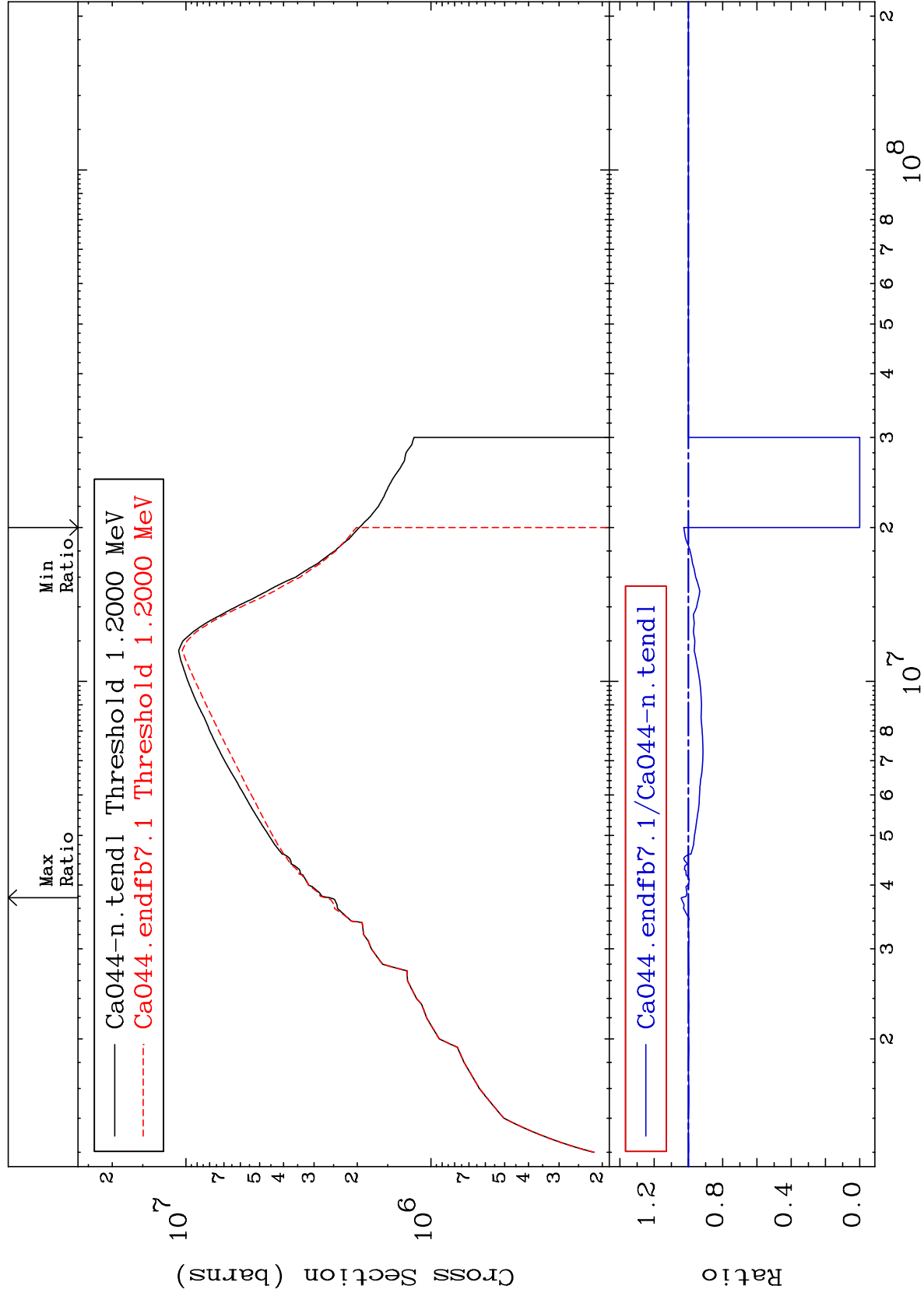


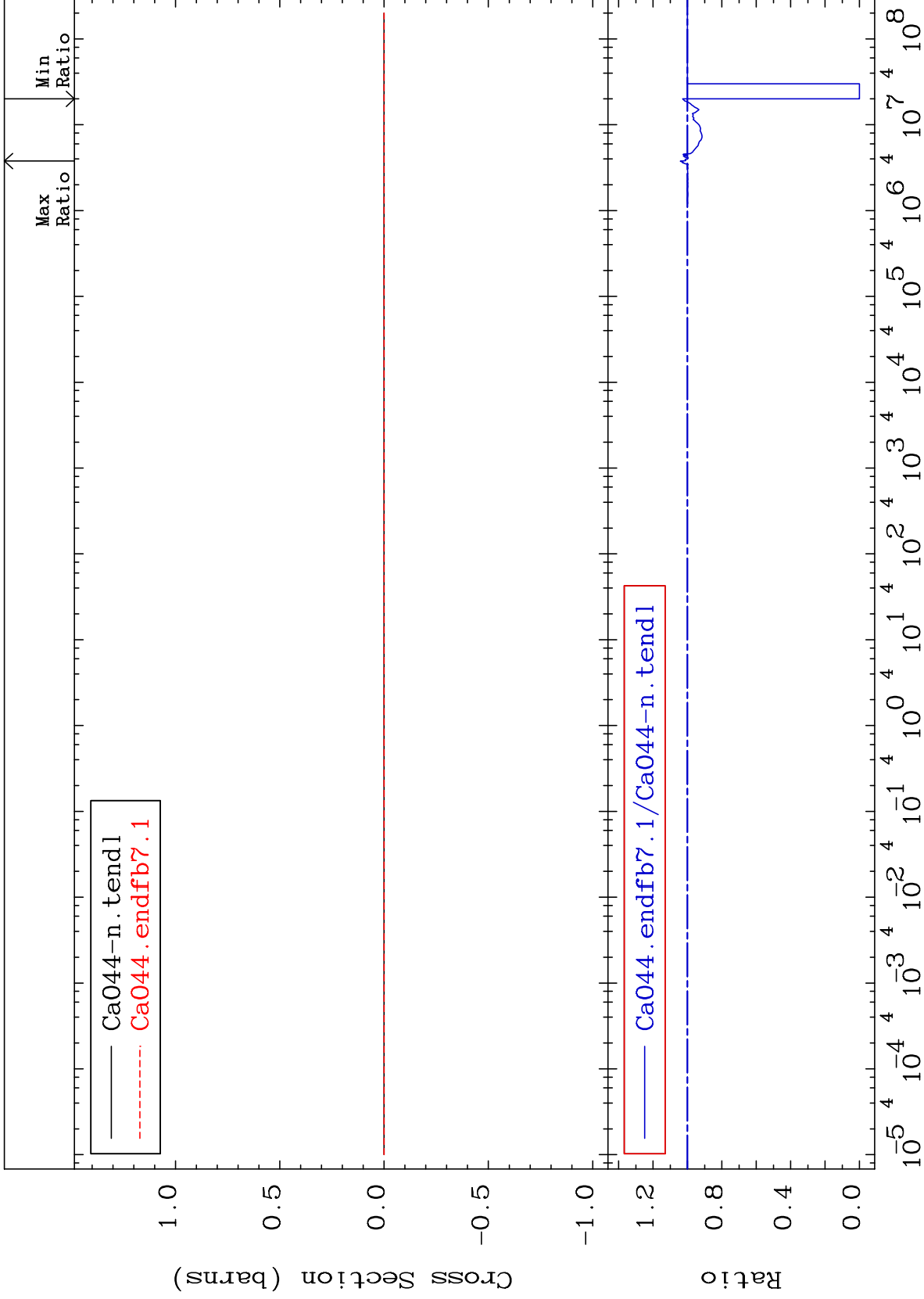
44

Incident Energy (eV)

20-Ca-44



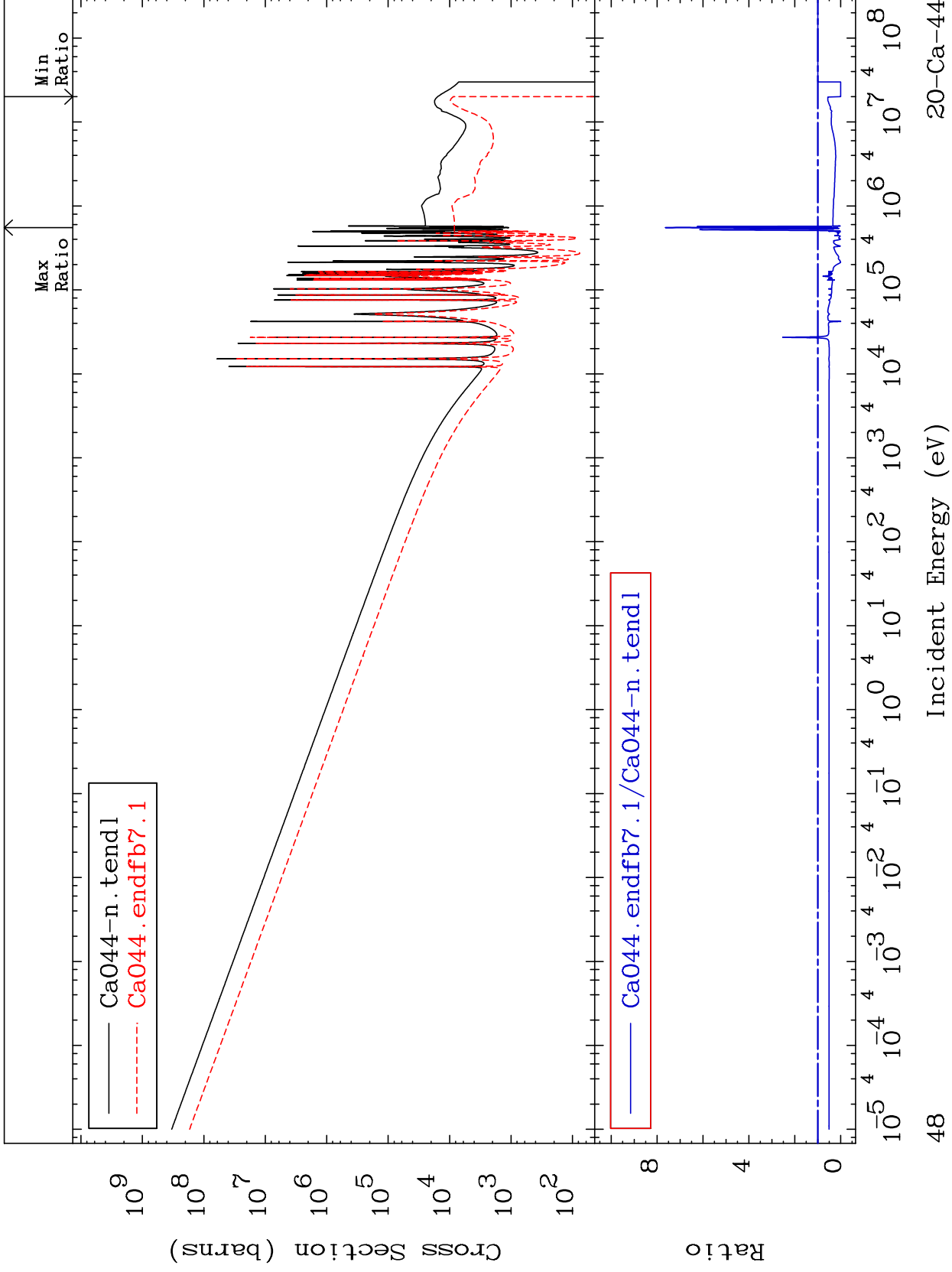




MAT 2037

Kerma capture (mt102)  
Cross Section

20-Ca-44  
-100.0 To 663.5 %

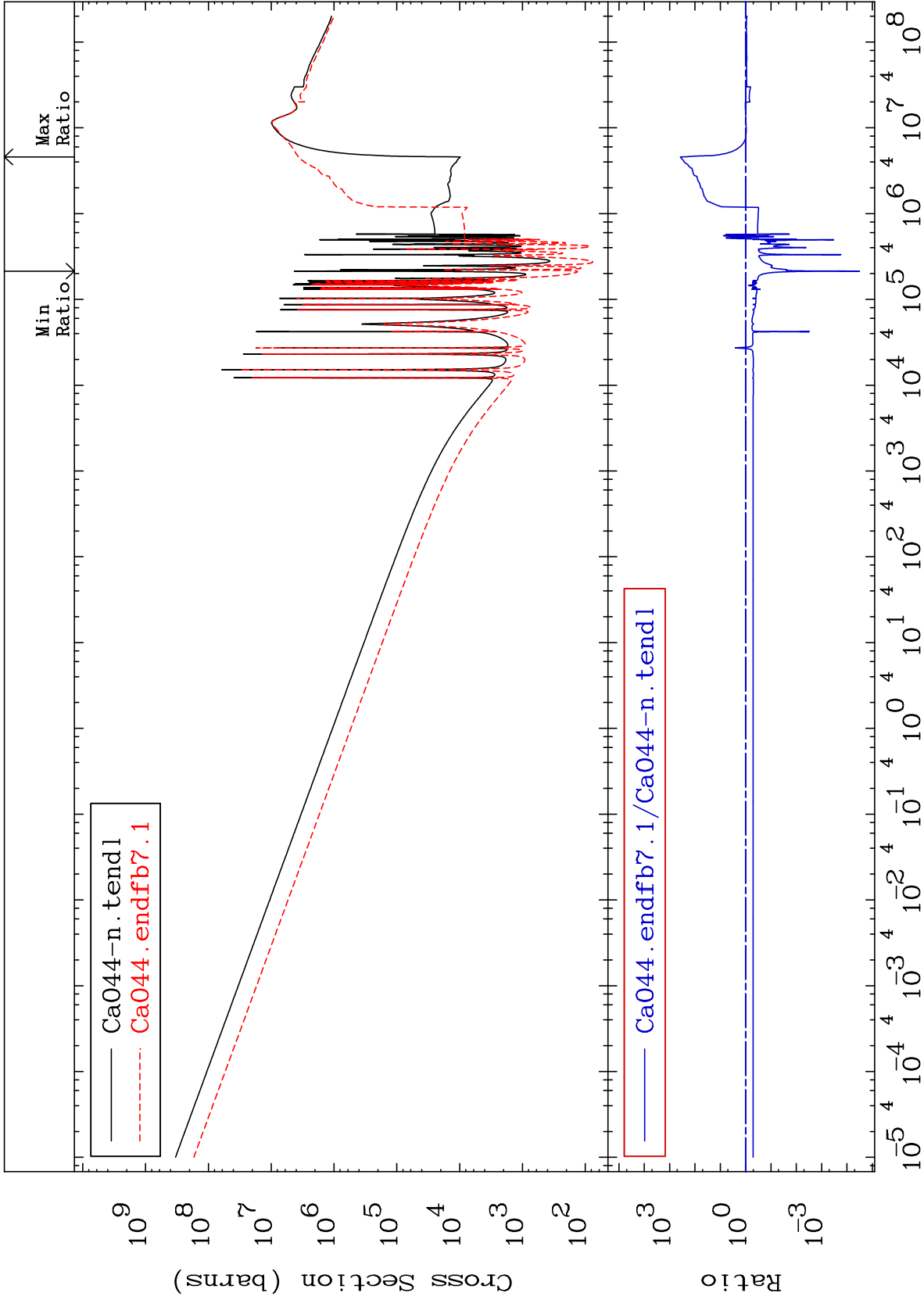


48

Incident Energy (eV)

20-Ca-44





MAT 2037

Total kinematic kerma (high limit)  
Cross Section

20-Ca-44  
-99.69 To 1150. %

