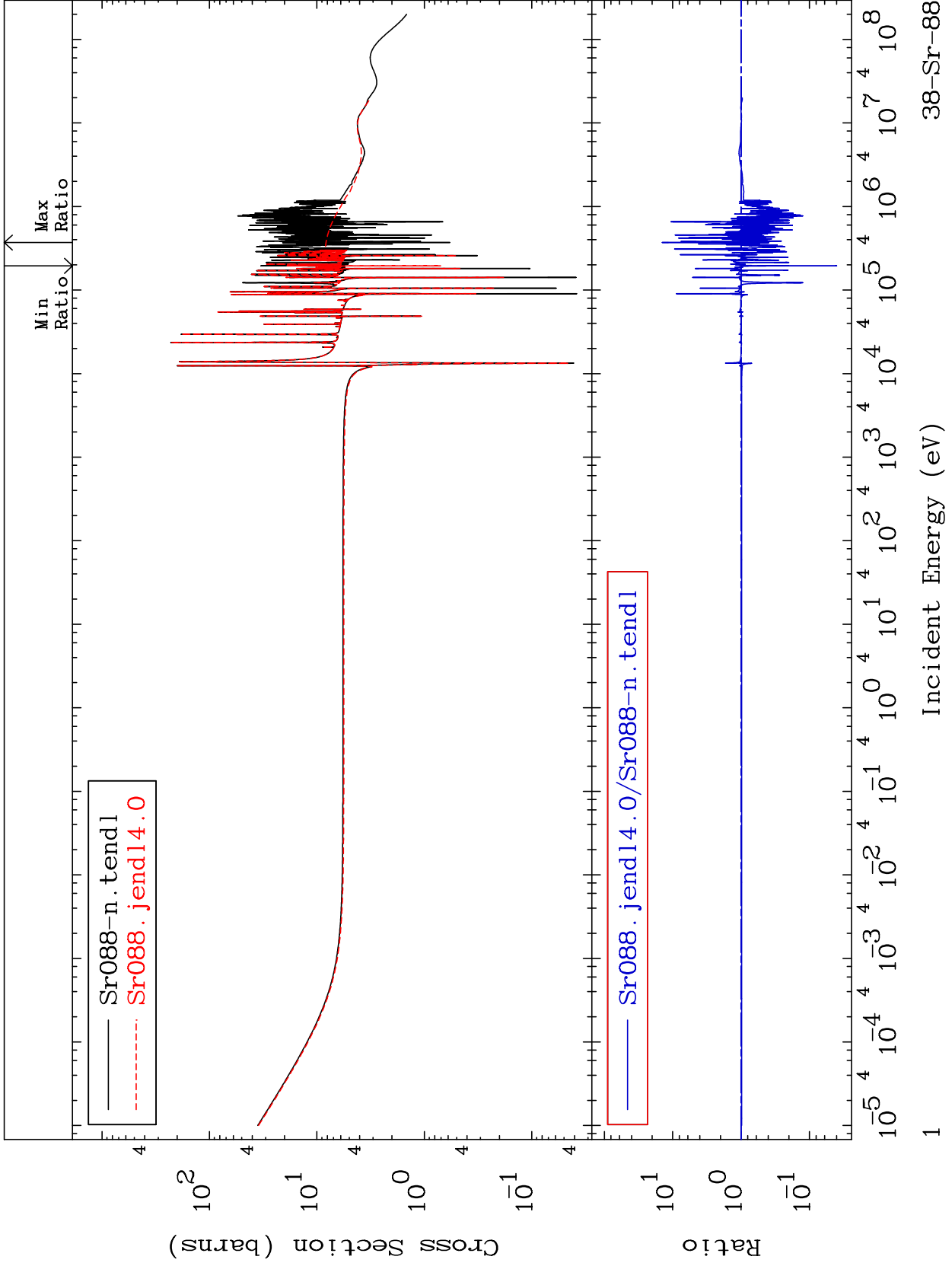


MAT 3837

Total  
Cross Section

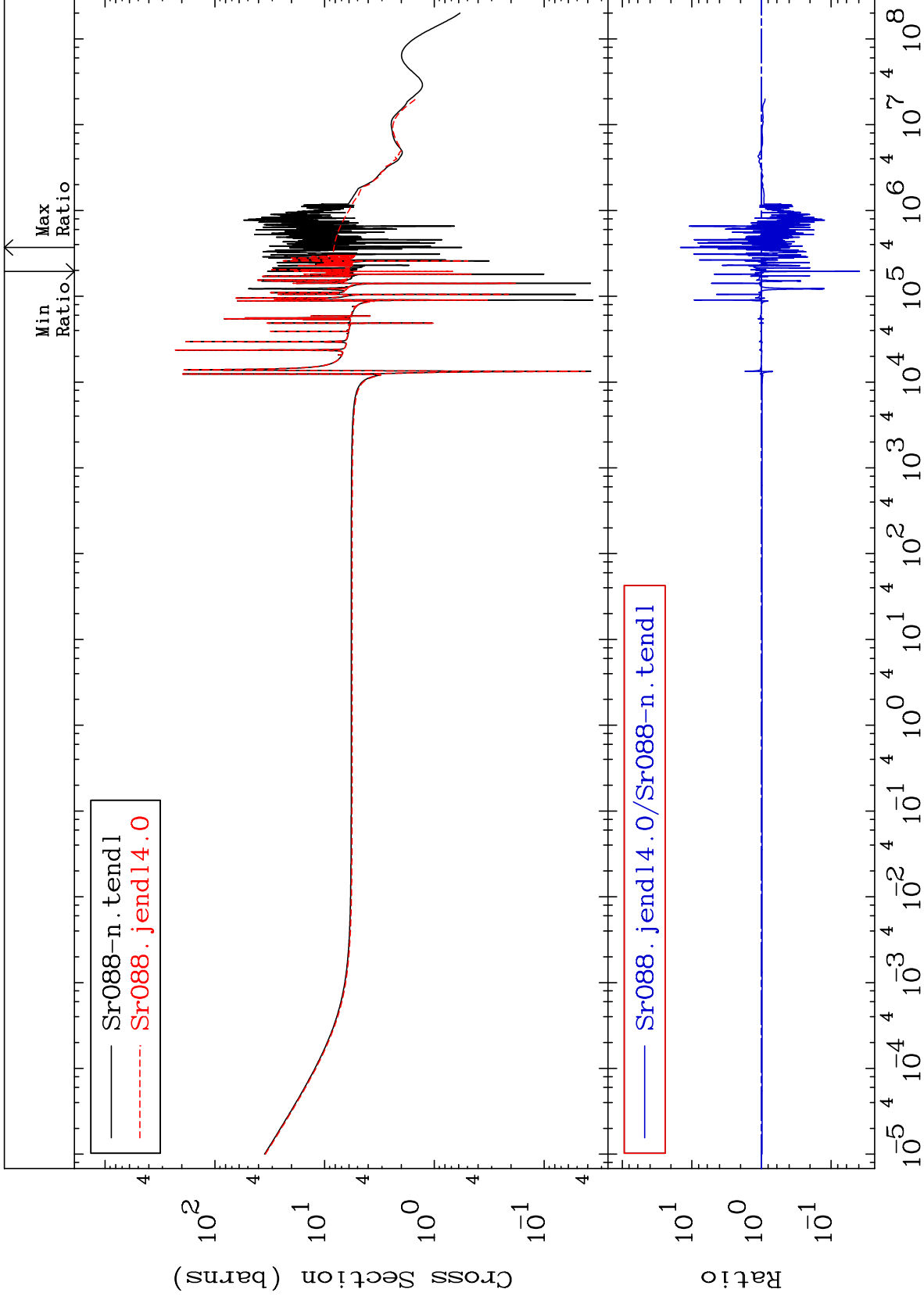
38-Sr-88  
-96.00 To 1320. %



MAT 3837

Elastic  
Cross Section

38-Sr-88  
-96.09 To 1364. %



Incident Energy (eV)

38-Sr-88

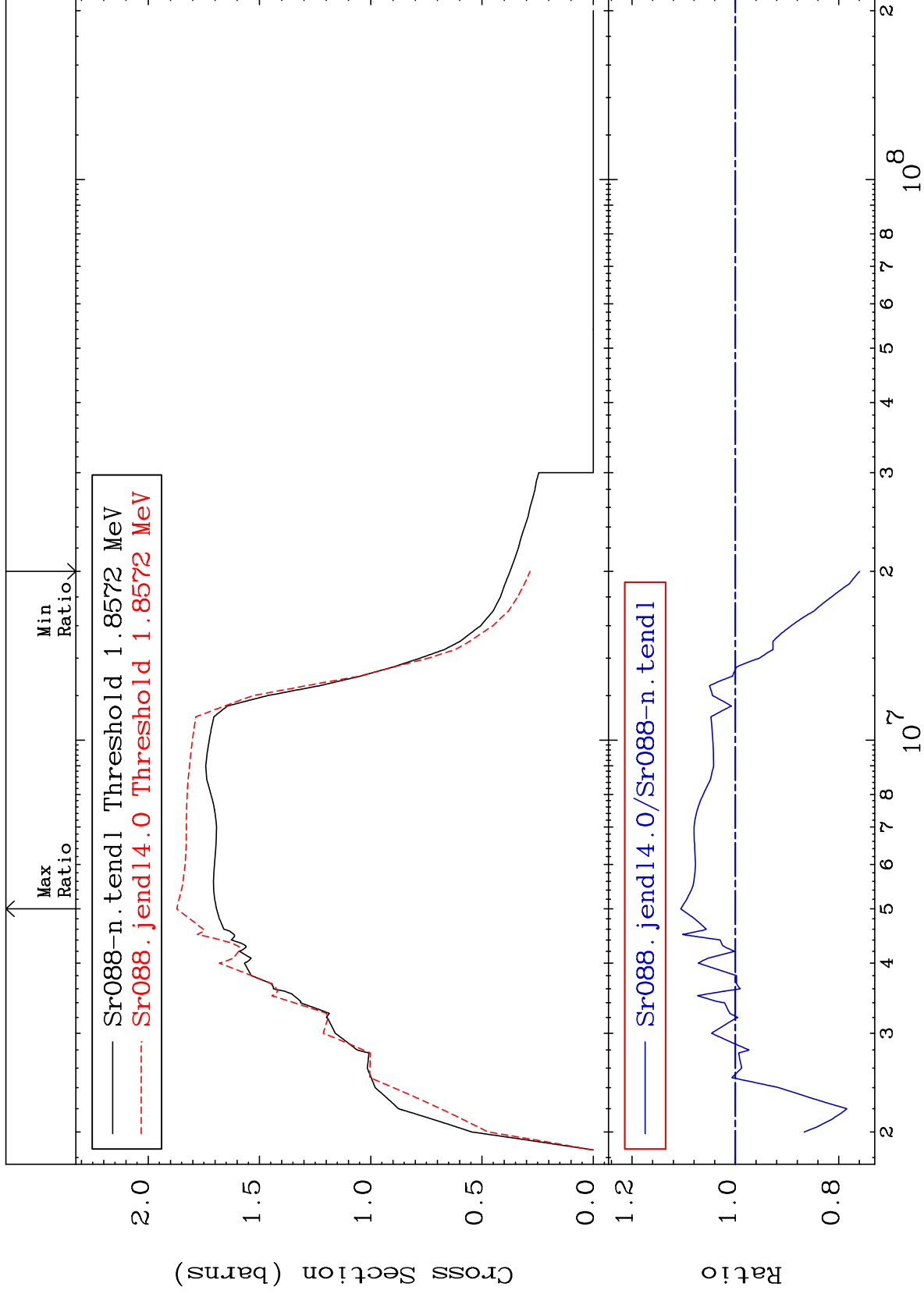
2

MAT 3837

<sup>38</sup>Sr-88

Inelastic  
Cross Section

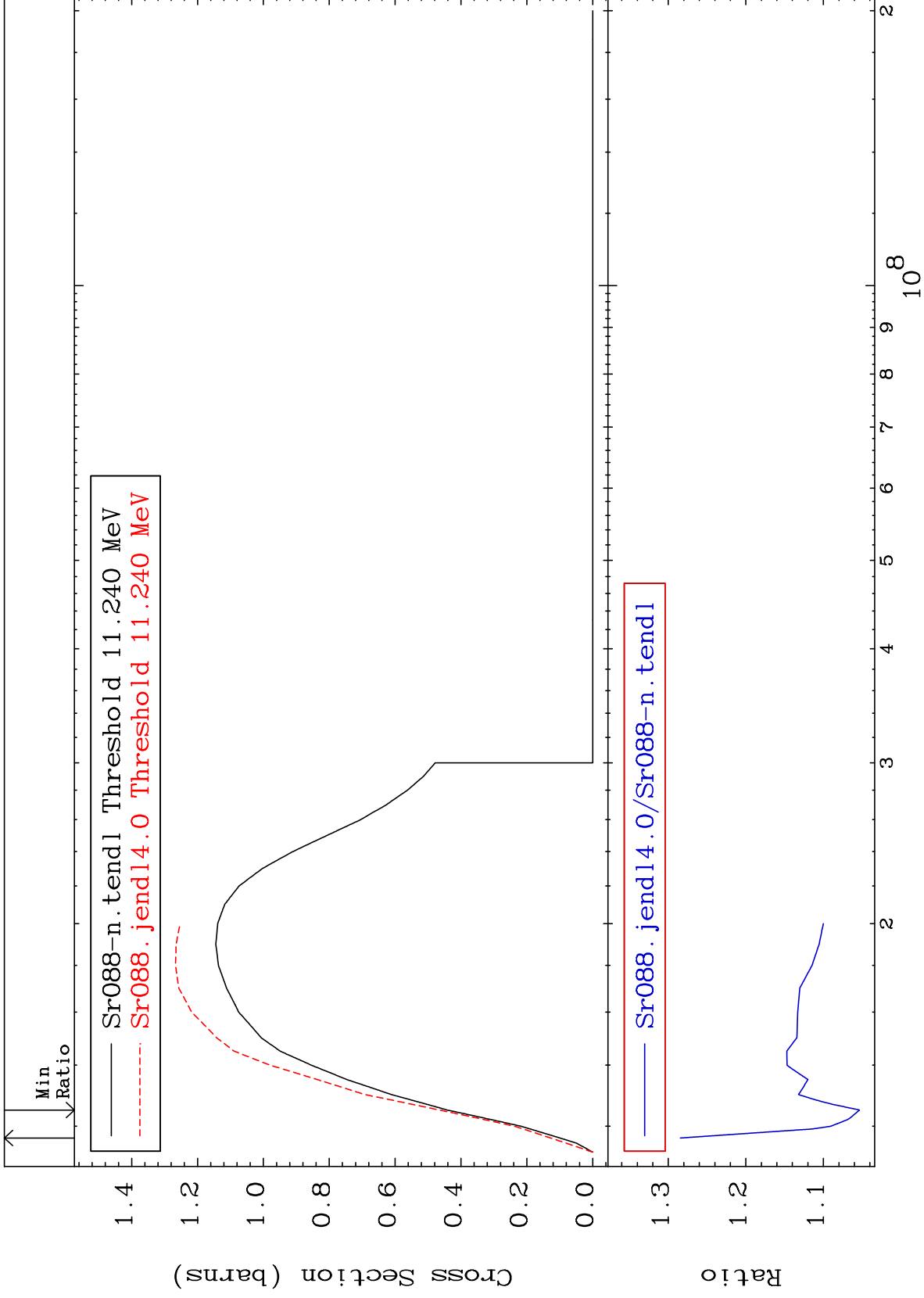
-24.04 To 10.57 %



3

Incident Energy (eV)

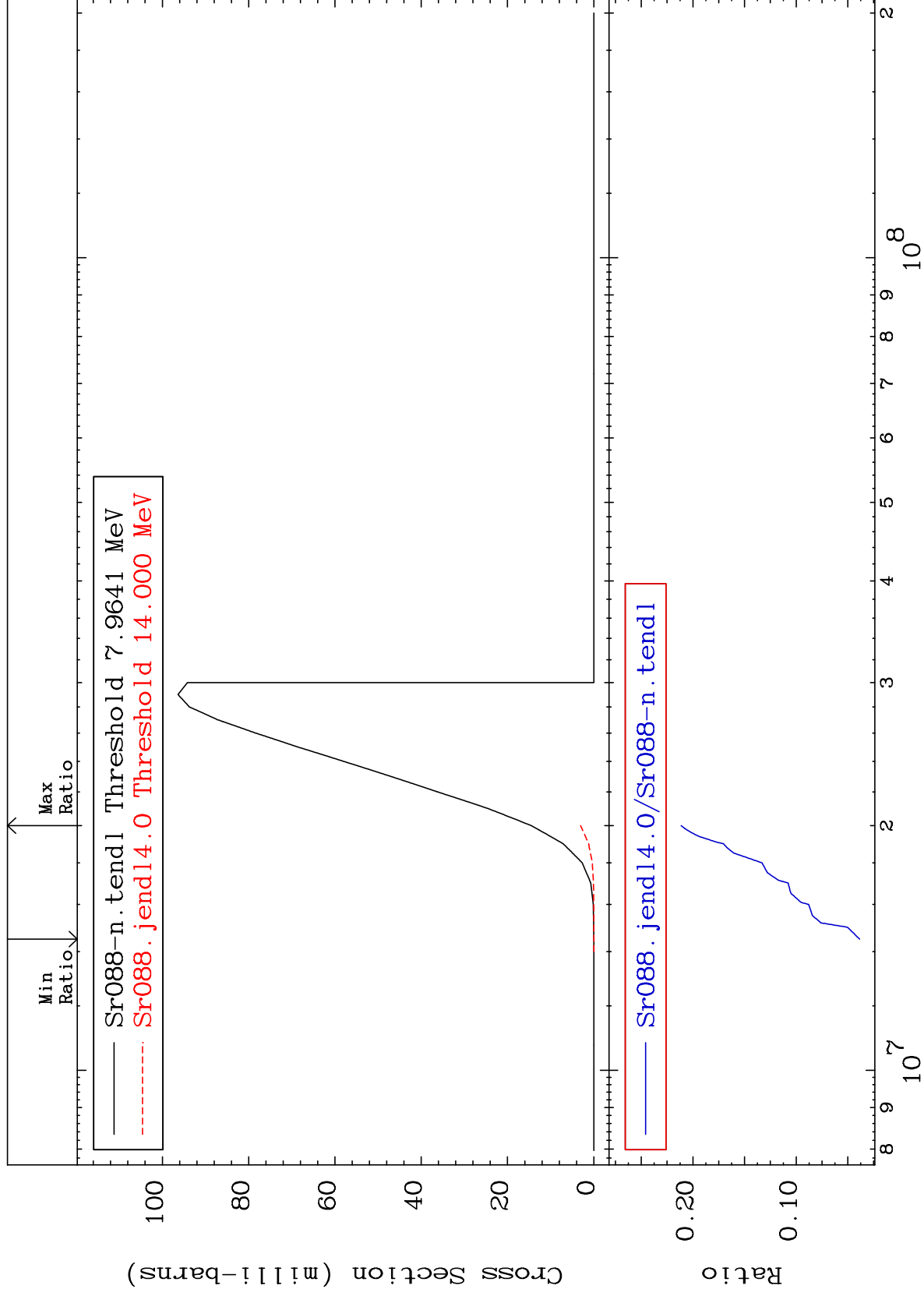
<sup>38</sup>Sr-88



MAT 3837

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

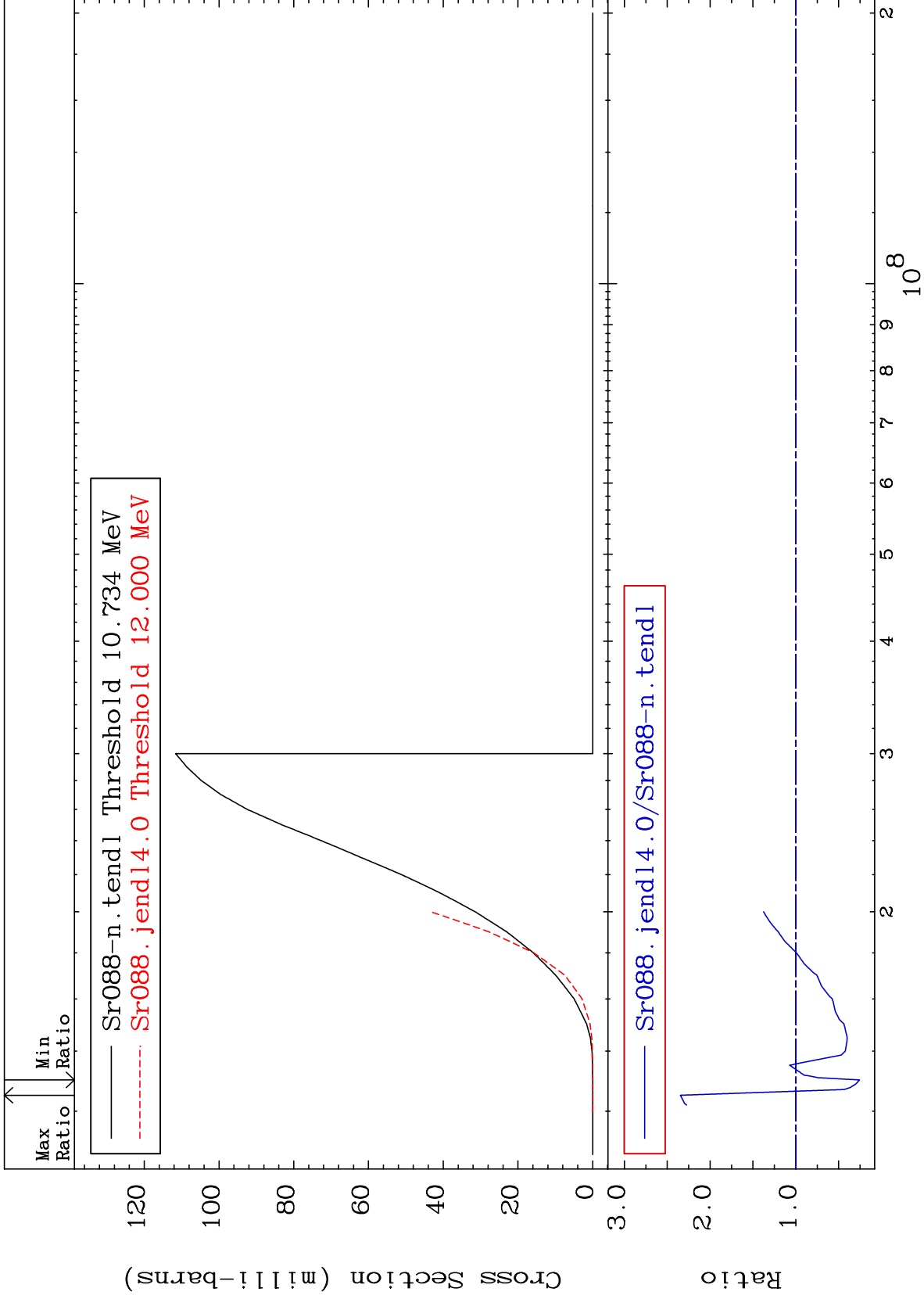
38-Sr-88  
-96.14 To -78.86%



5

Incident Energy (eV)

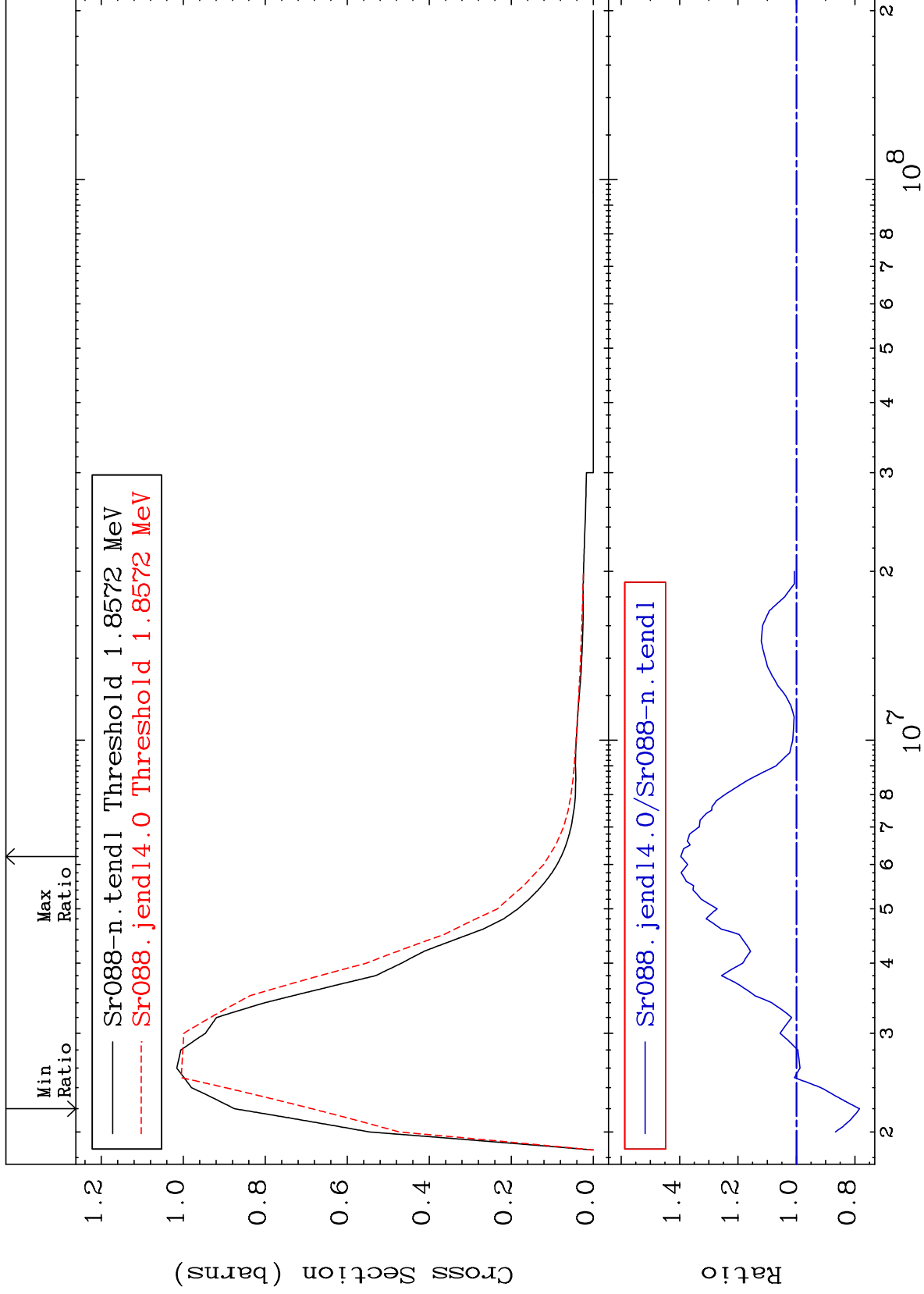
38-Sr-88



MAT 3837

1.836 MeV (n,n') Level  
Cross Section

38-Sr-88  
-21.60 To 39.60 %



7

Incident Energy (eV)

38-Sr-88

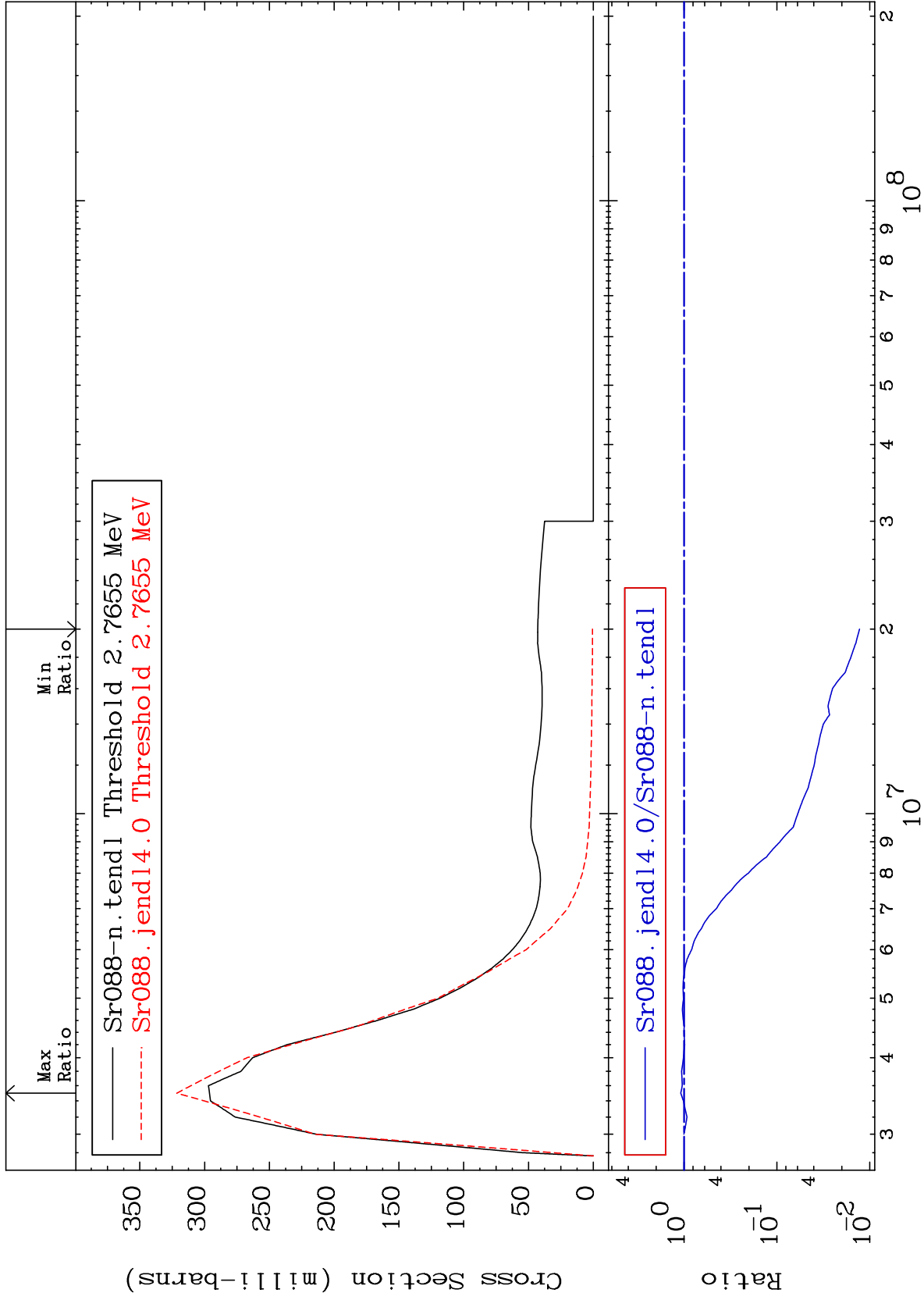
MAT 3837

2.734 MeV (n,n') Level

38-Sr-88

-98.71 To 8.534 %

Cross Section



8

Incident Energy (eV)

38-Sr-88



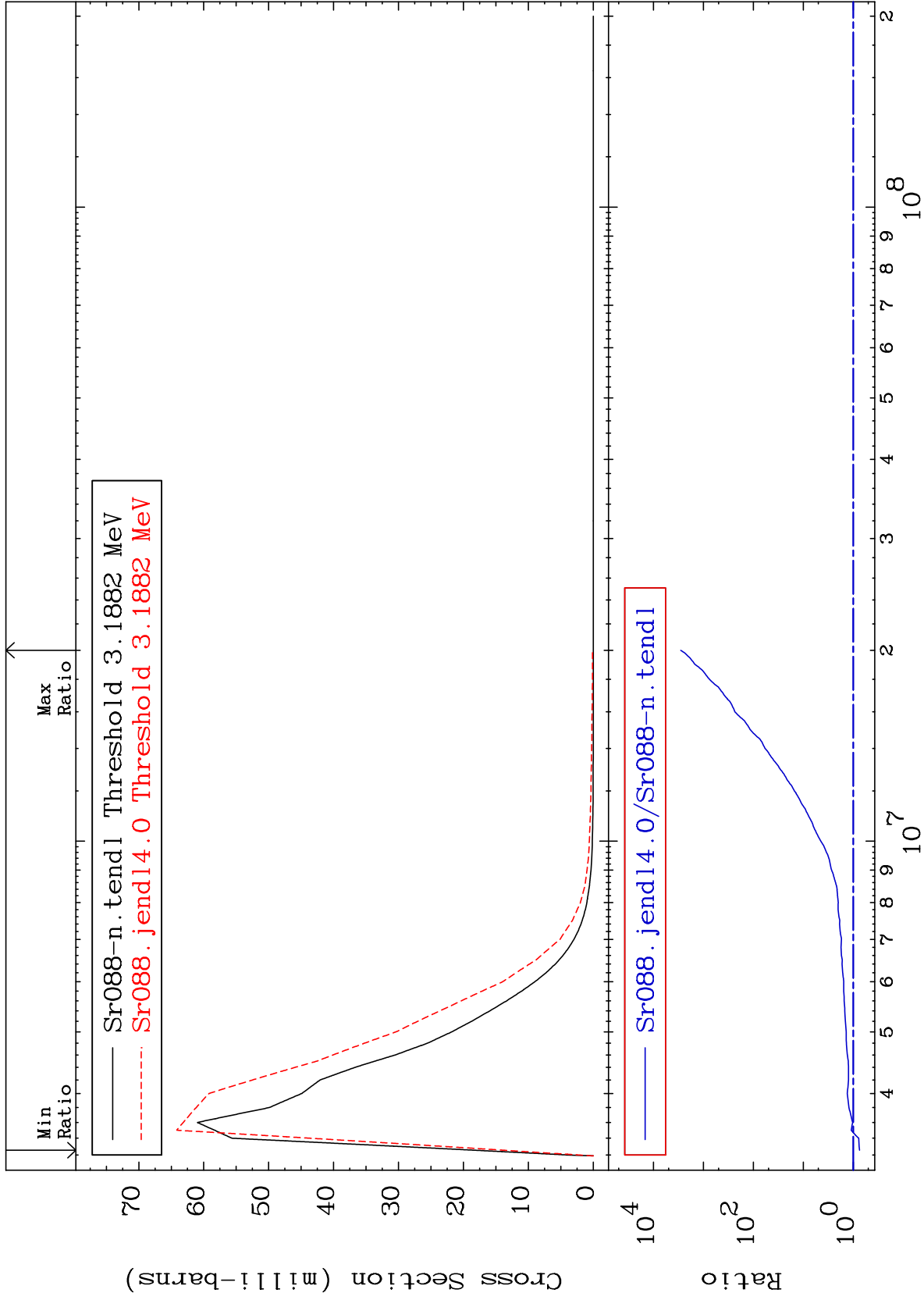
MAT 3837

3.152 MeV (n,n') Level

38-Sr-88

-24.88 To 9999. %

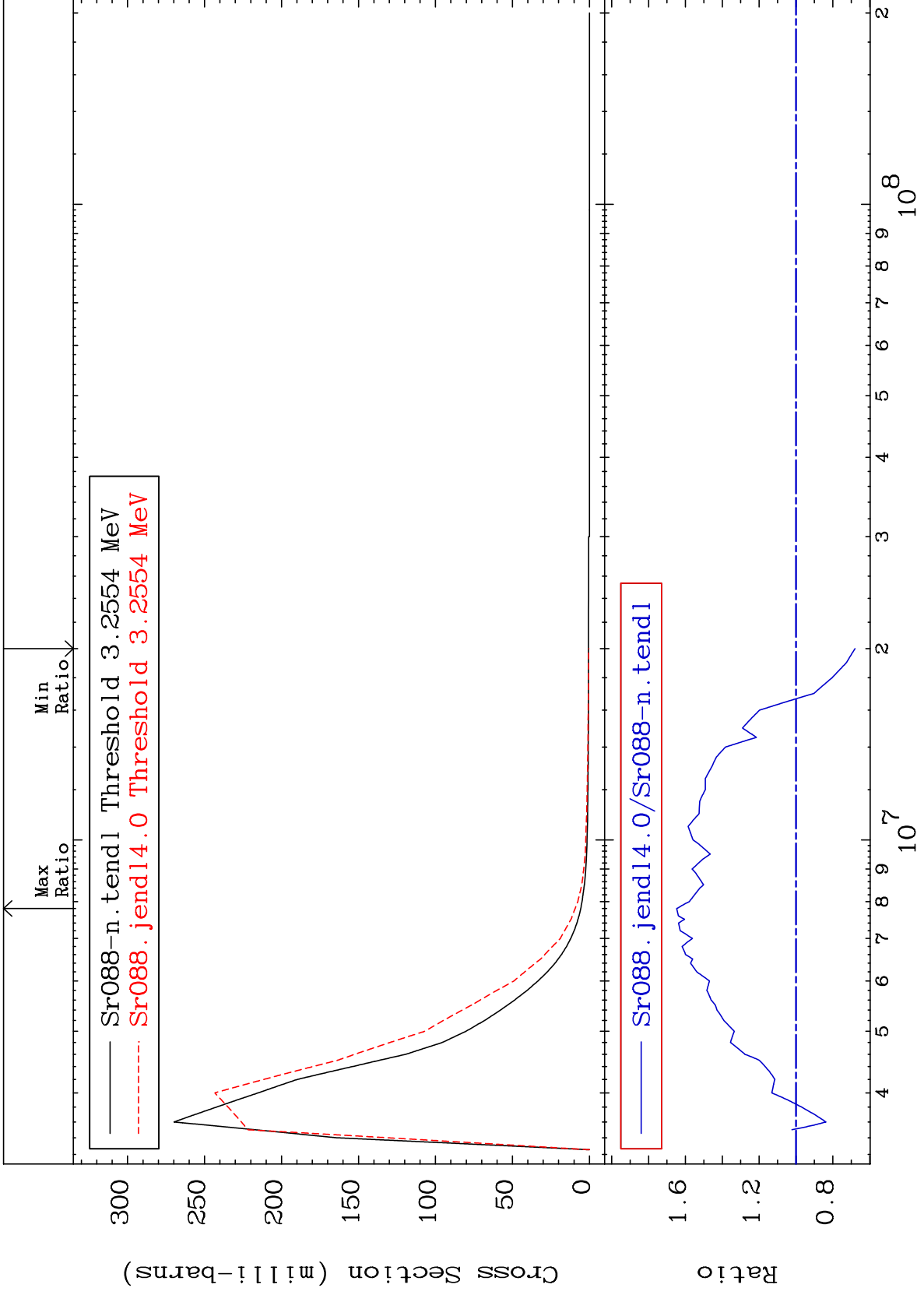
Cross Section



MAT 3837

3.219 MeV (n,n') Level  
Cross Section

38-Sr-88  
-32.05 To 64.71 %



10

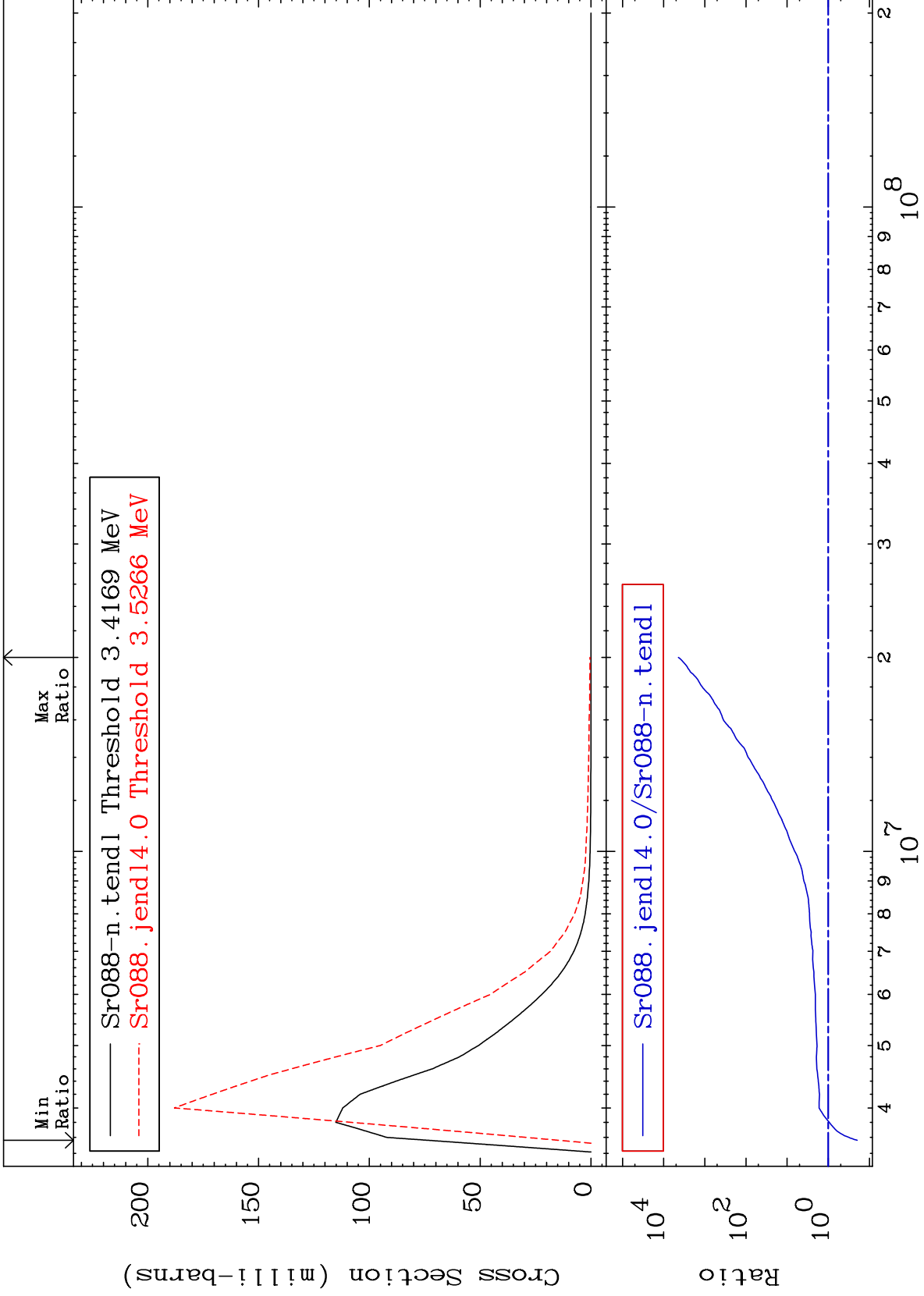
Incident Energy (eV)

38-Sr-88

MAT 3837

3.378 MeV (n,n') Level  
Cross Section

38-Sr-88  
-80.17 To 9999. %



11

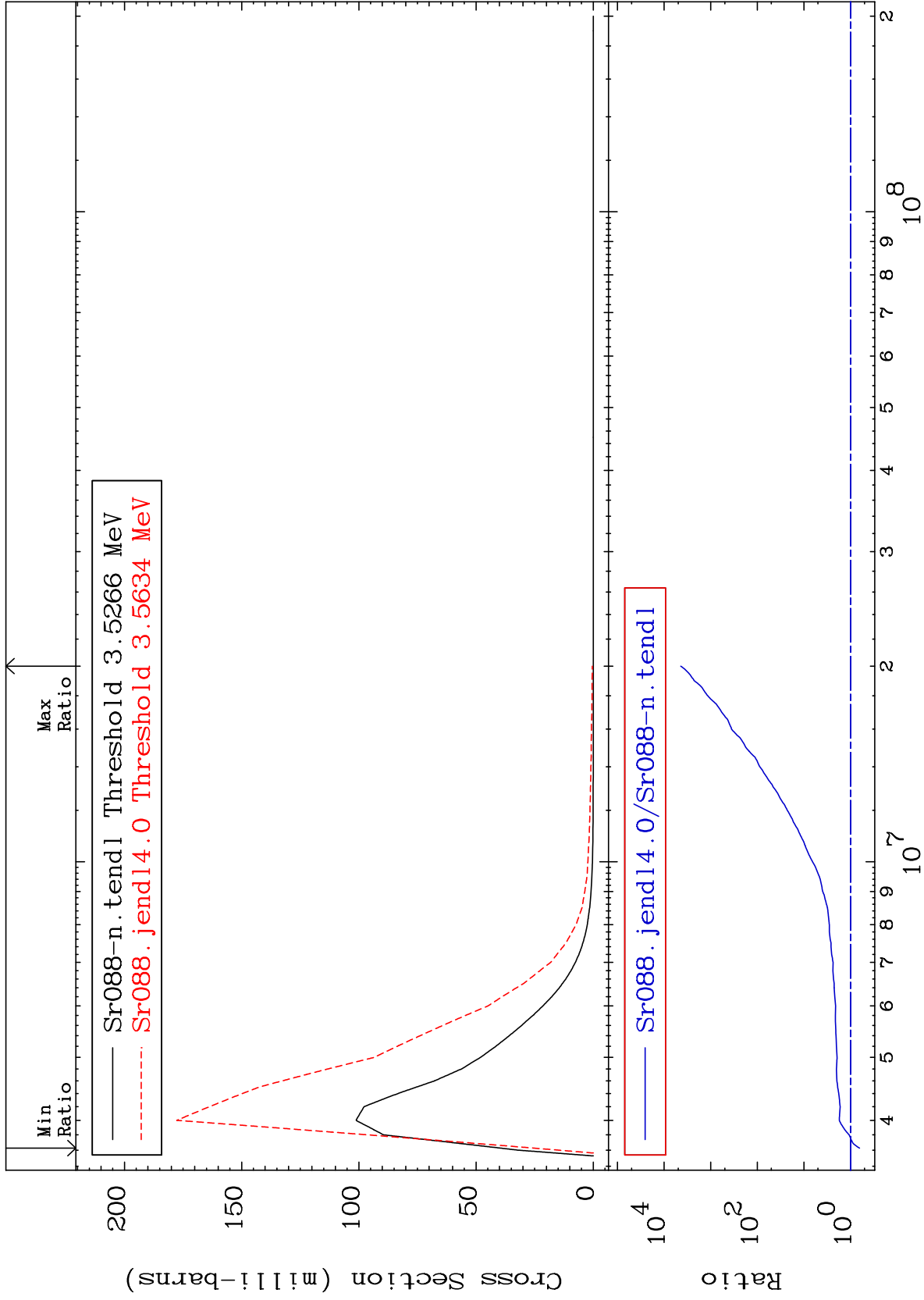
Incident Energy (eV)

38-Sr-88

MAT 3837

3.487 MeV (n,n') Level  
Cross Section

38-Sr-88  
-35.80 To 9999. %



12

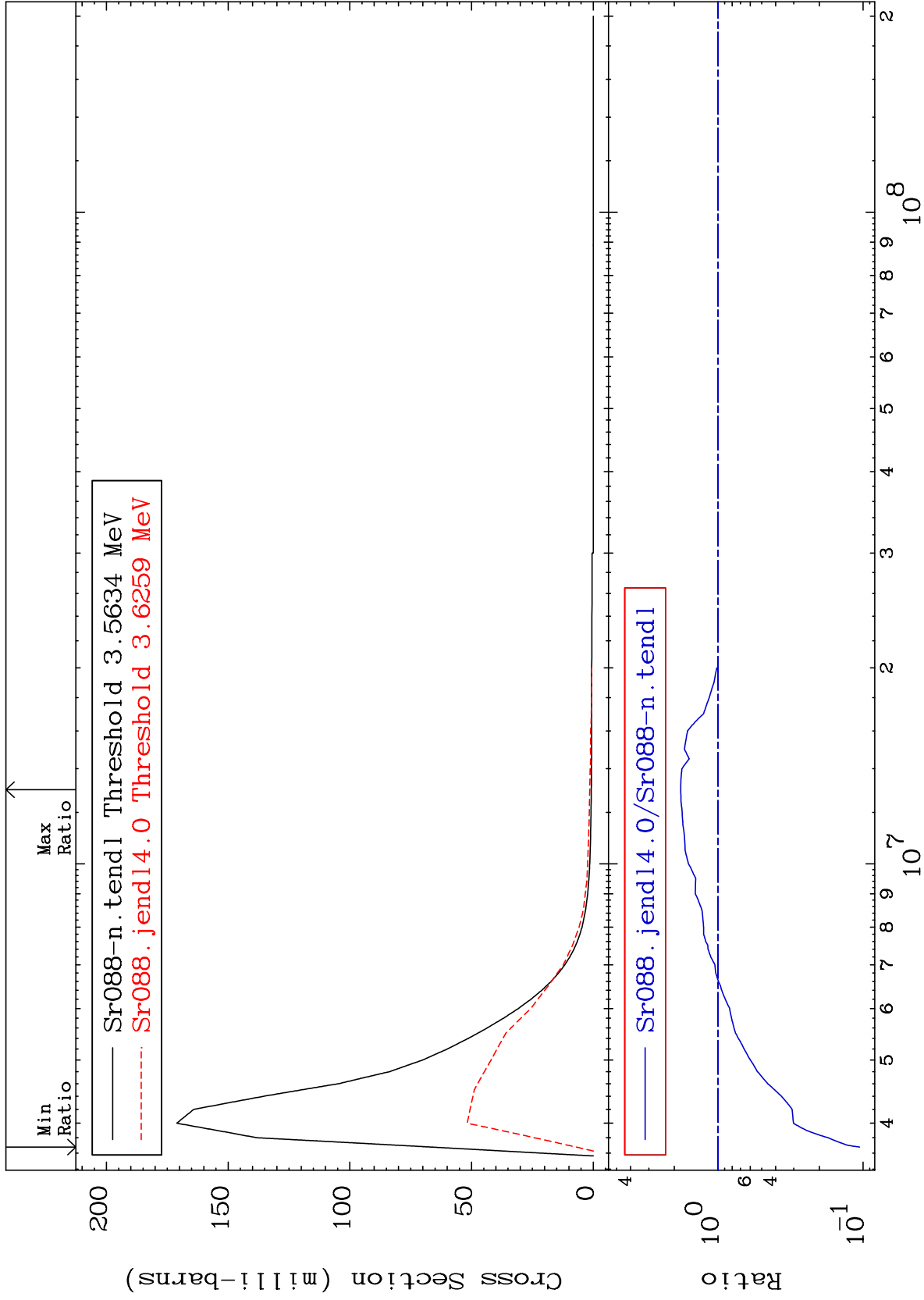
Incident Energy (eV)

38-Sr-88

MAT 3837

3.523 MeV (n,n') Level  
Cross Section

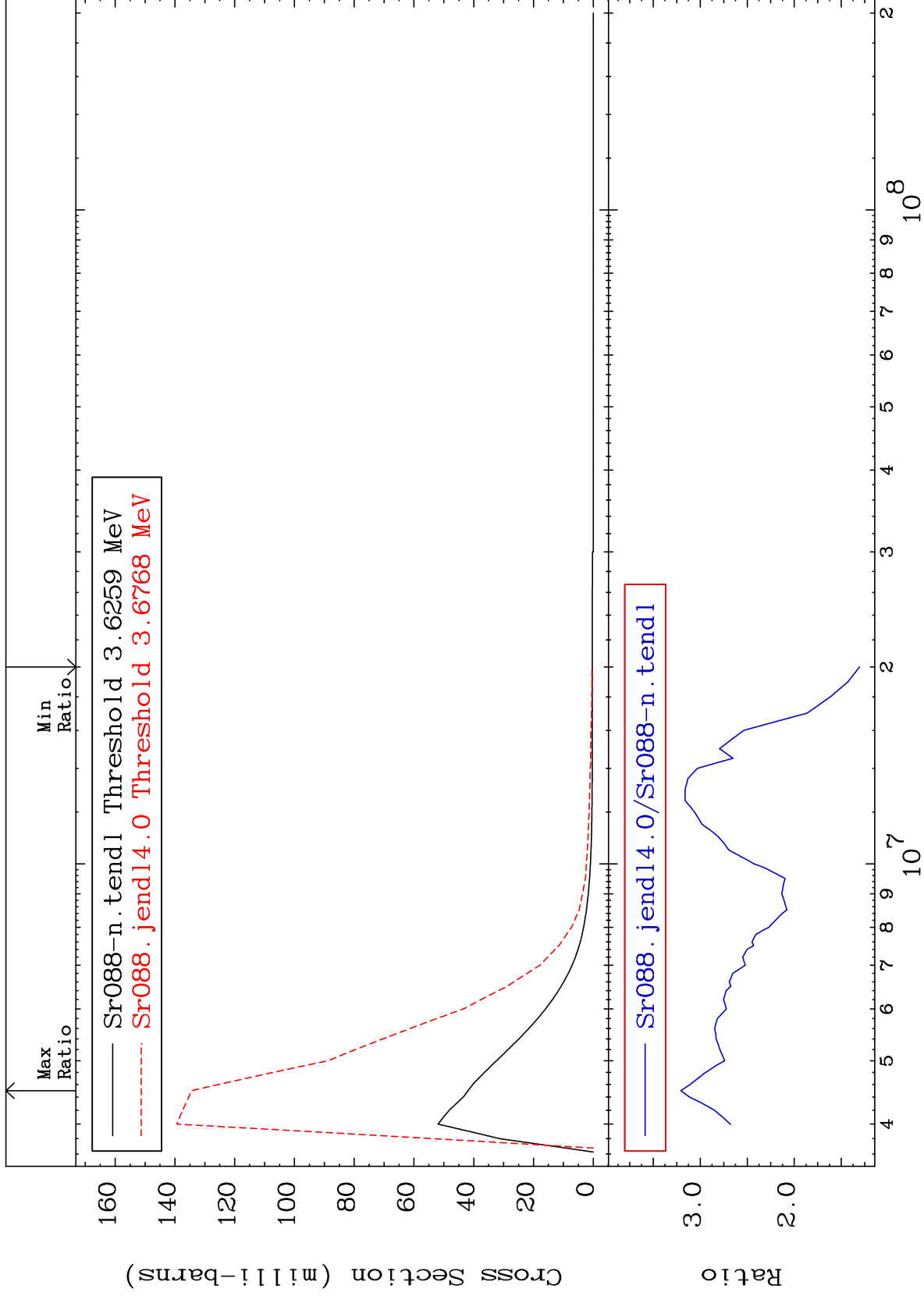
38-Sr-88  
-89.42 To 80.55 %



MAT 3837

3.585 MeV (n,n') Level  
Cross Section

38-Sr-88  
30.53 To 220.7 %



14

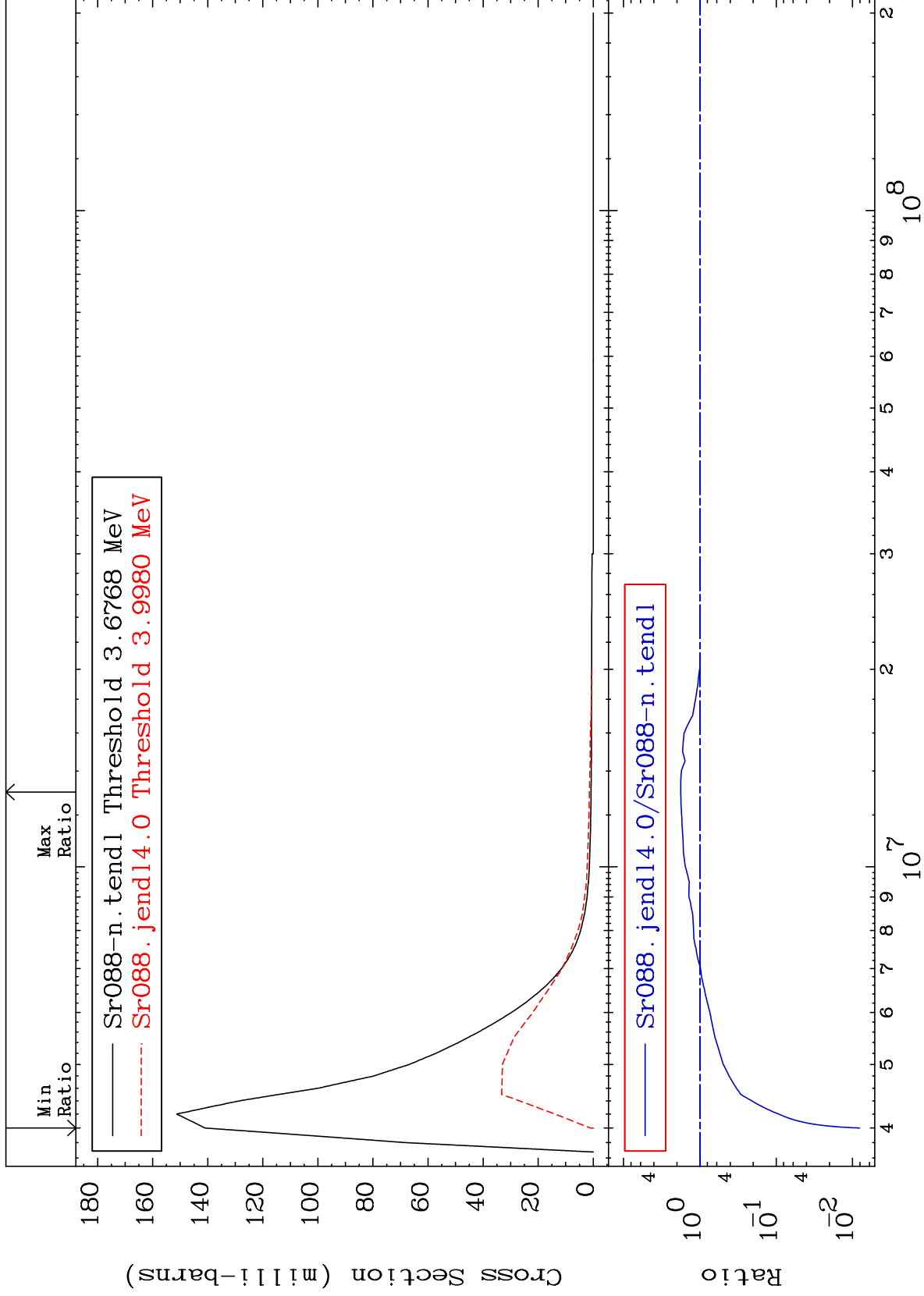
Incident Energy (eV)

38-Sr-88

MAT 3837

3.635 MeV (n,n') Level  
Cross Section

38-Sr-88  
-99.19 To 78.01 %



15

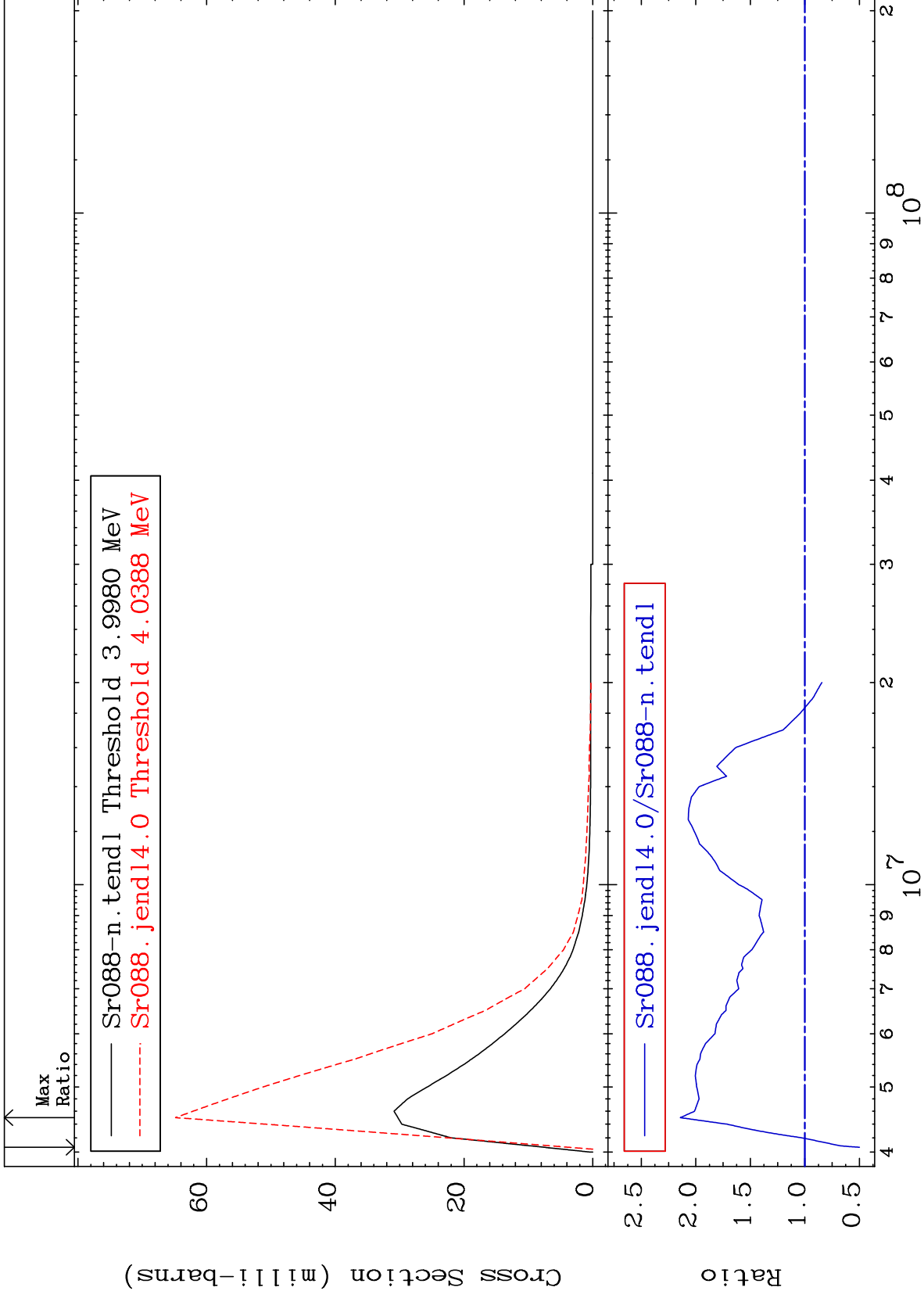
Incident Energy (eV)

38-Sr-88

MAT 3837

3.953 MeV (n,n') Level  
Cross Section

38-Sr-88  
-50.09 To 114.2 %



16

Incident Energy (eV)

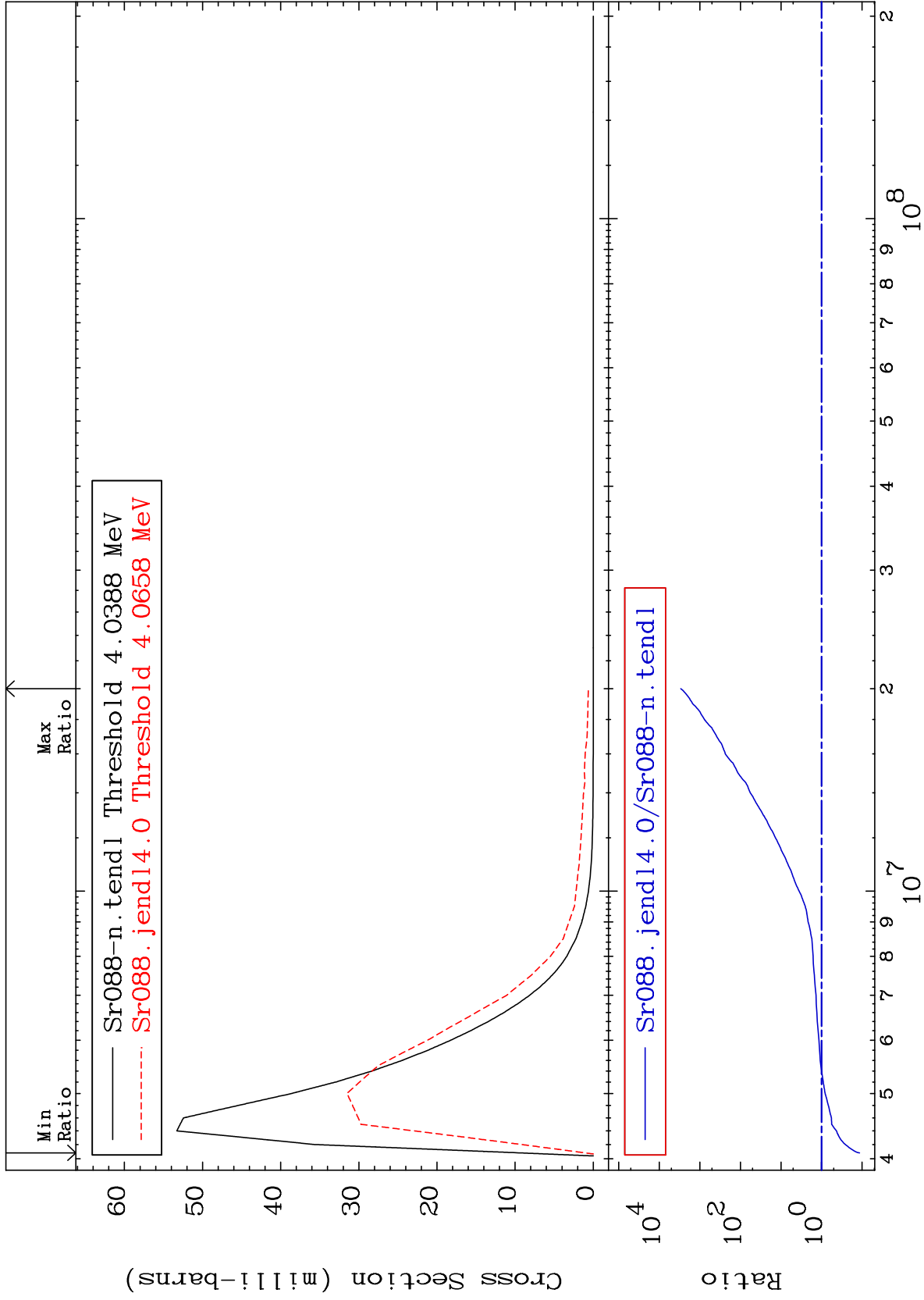
38-Sr-88



MAT 3837

3.993 MeV (n,n') Level  
Cross Section

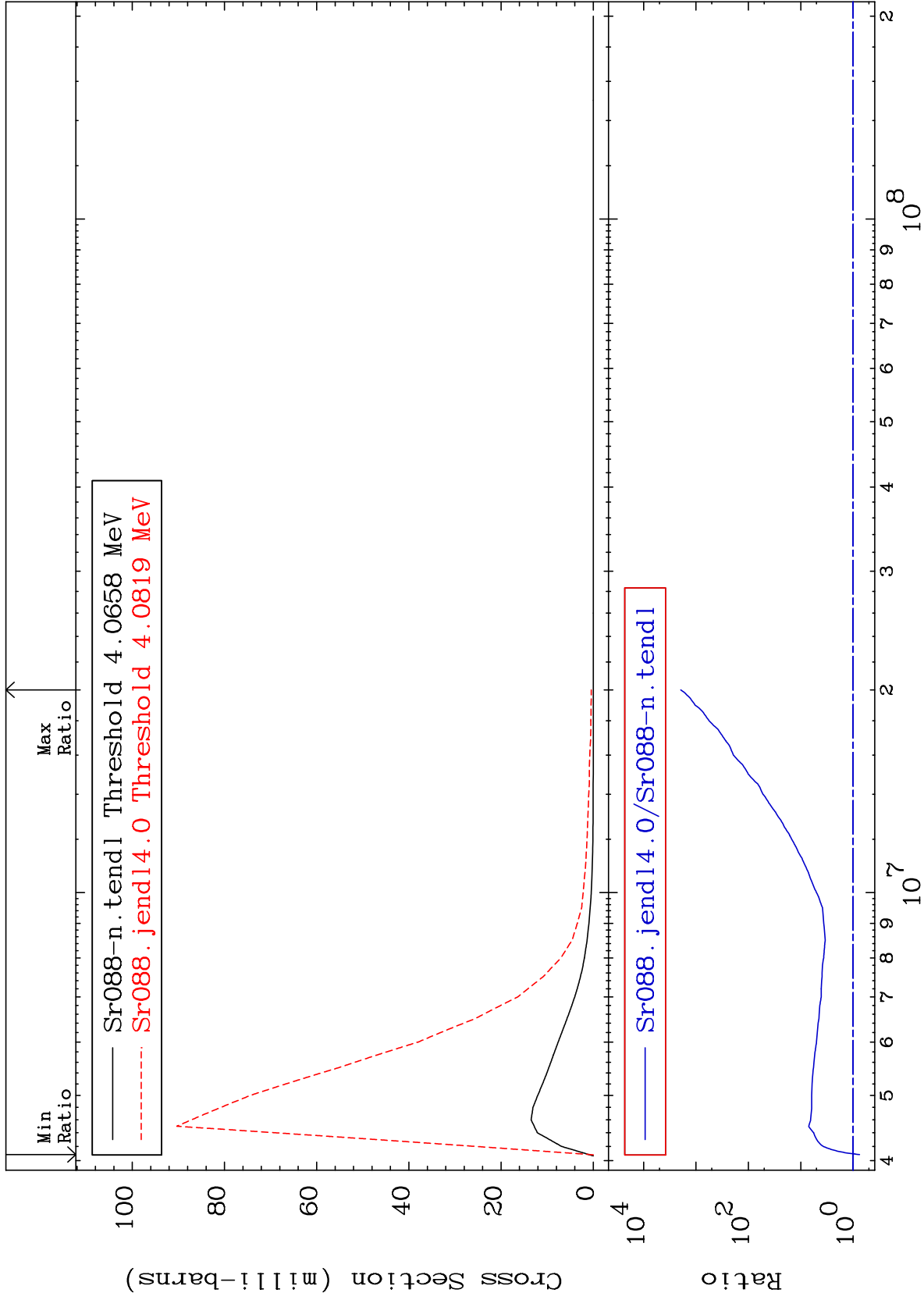
38-Sr-88  
-88.42 To 9999. %



MAT 3837

4.020 MeV (n,n') Level  
Cross Section

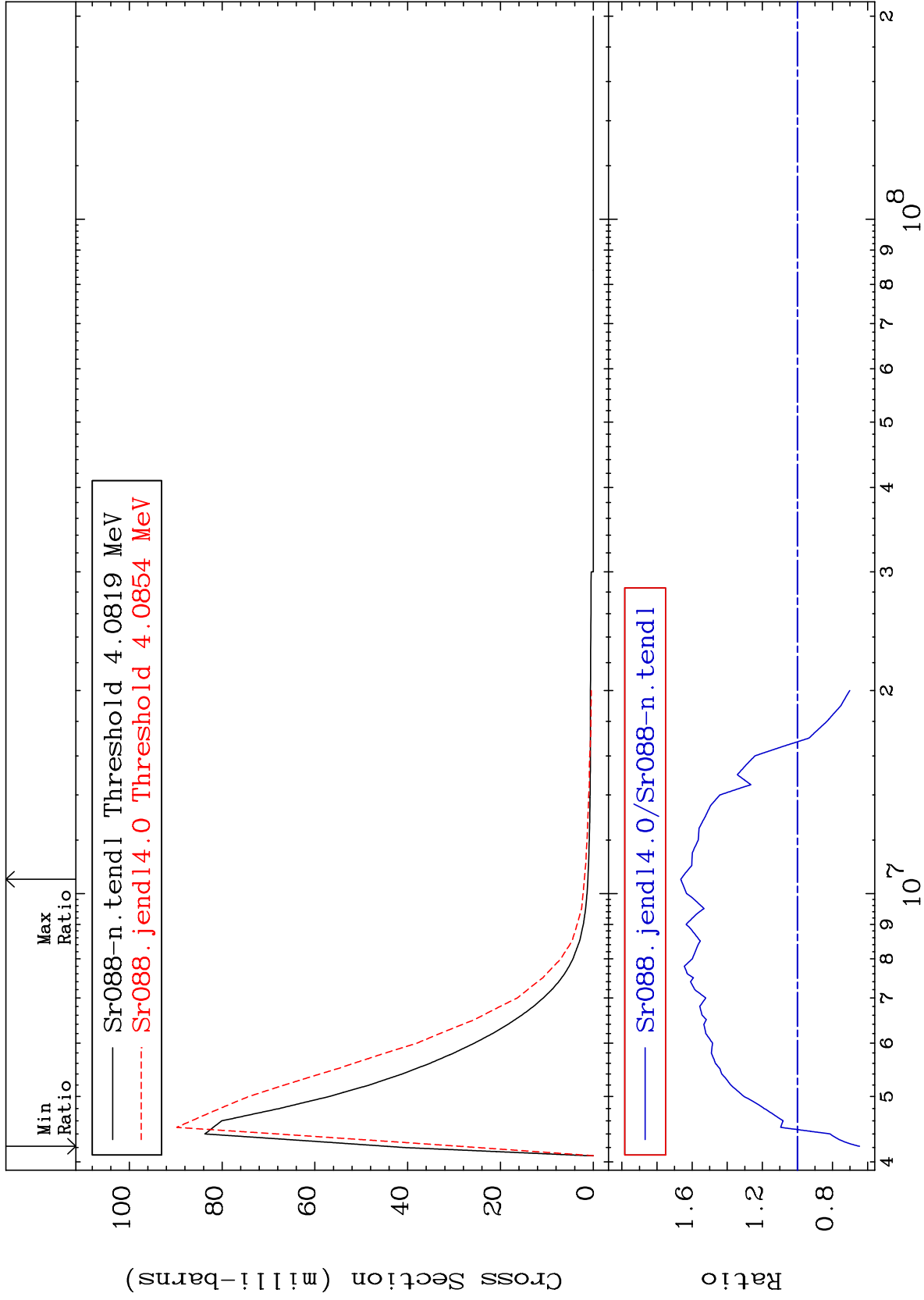
38-Sr-88  
-24.61 To 9999. %



18

Incident Energy (eV)

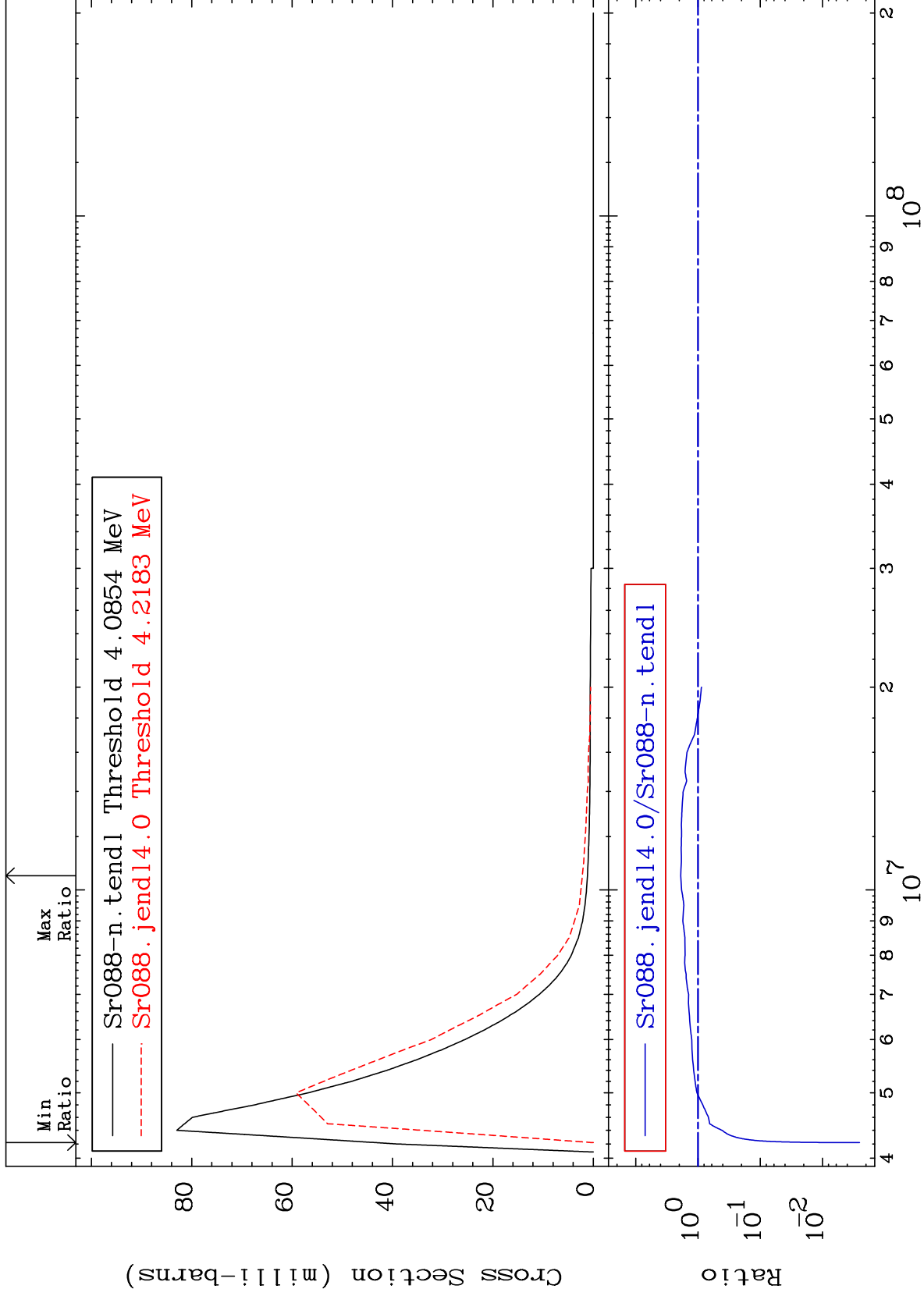
38-Sr-88



MAT 3837

4.039 MeV (n,n') Level  
Cross Section

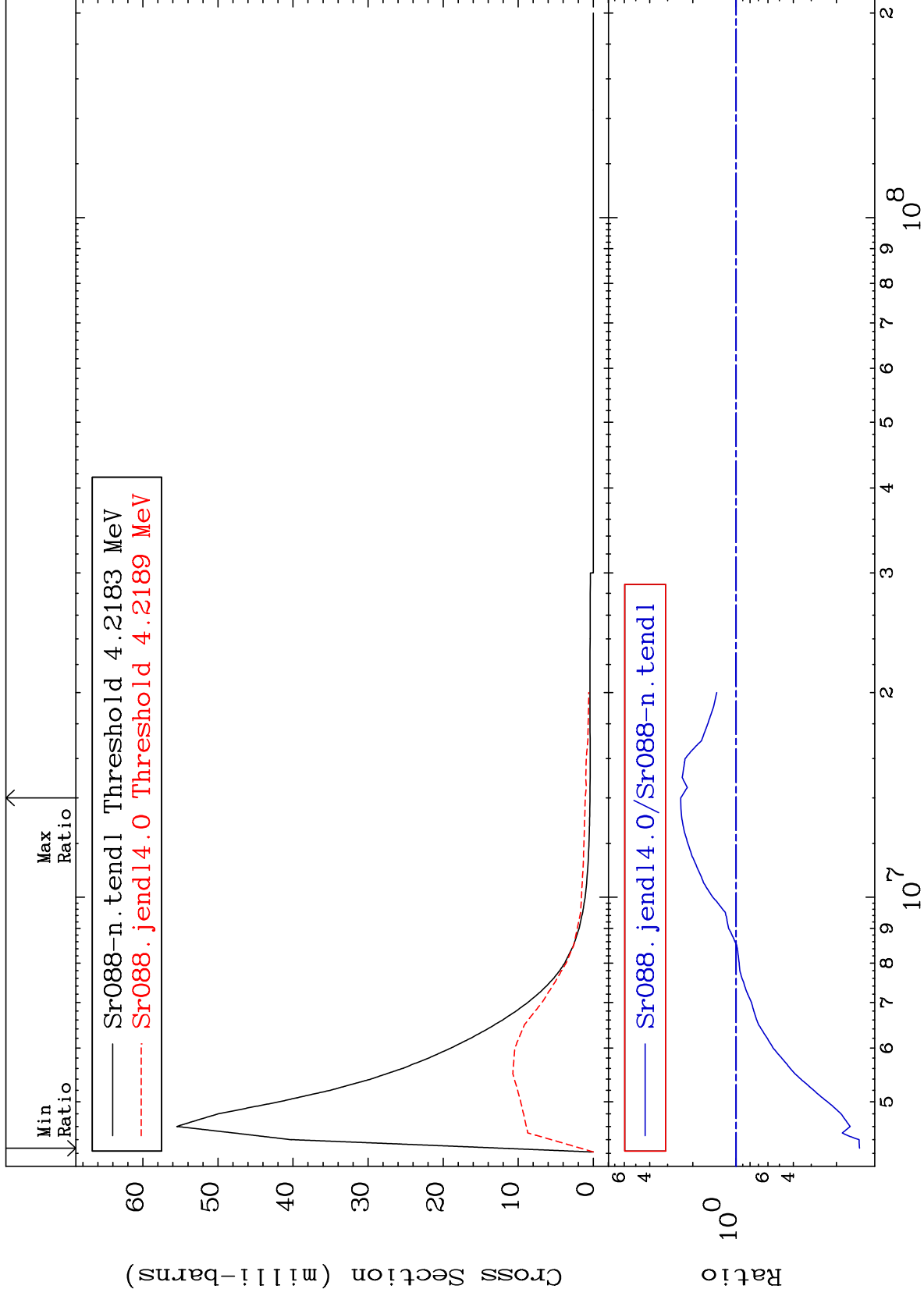
38-Sr-88  
-99.75 To 89.19 %



20

38-Sr-88

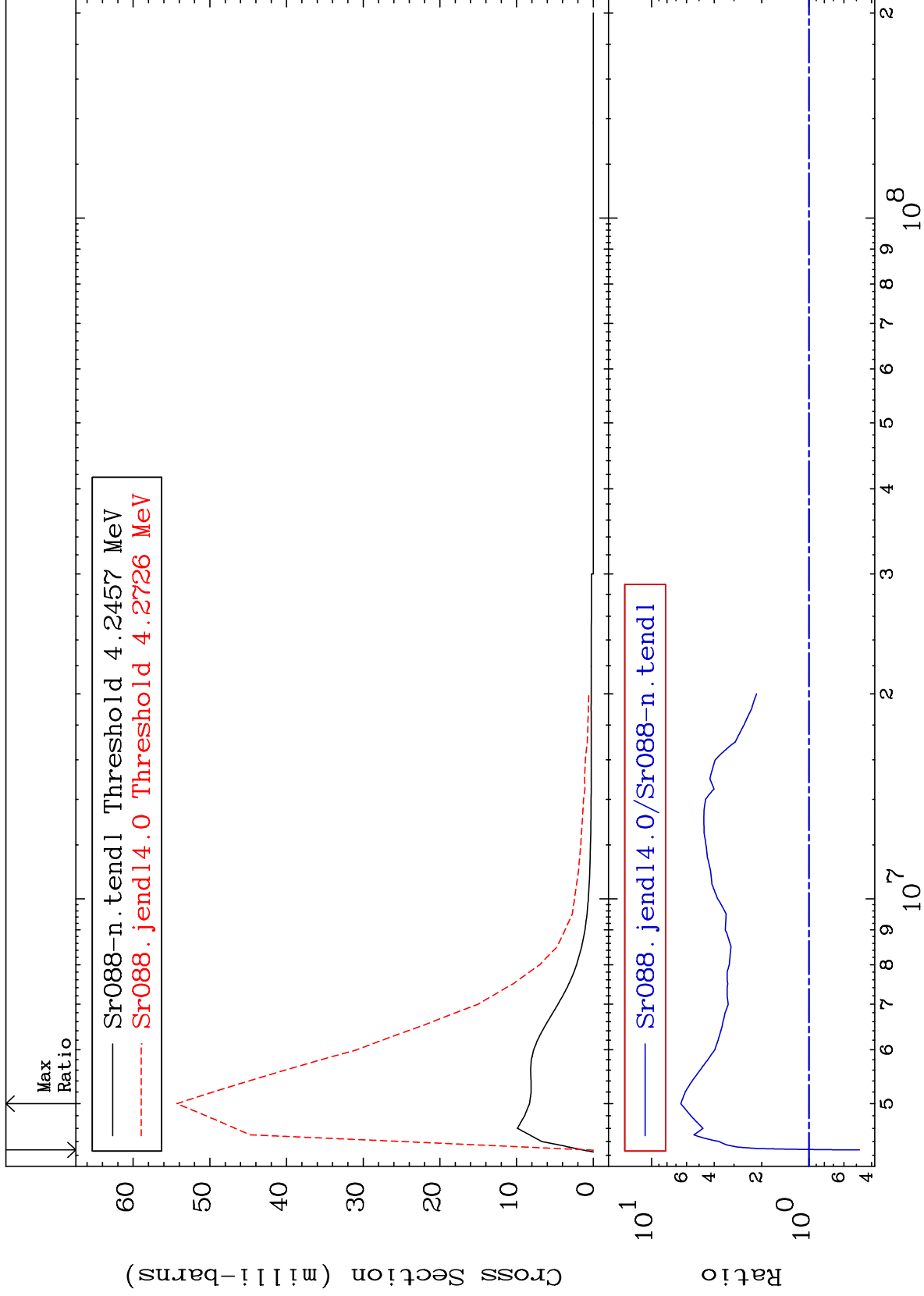
38-Sr-88

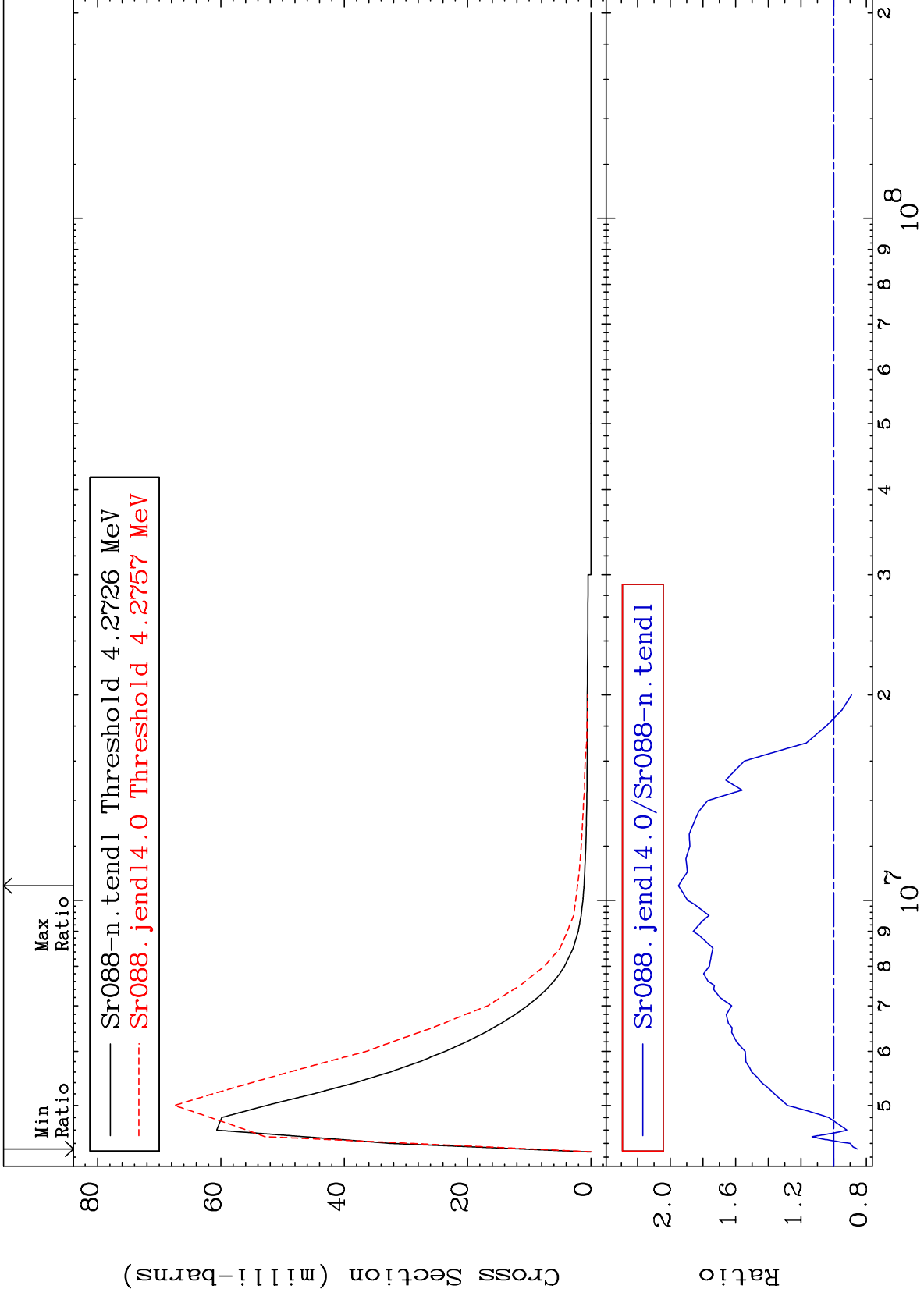


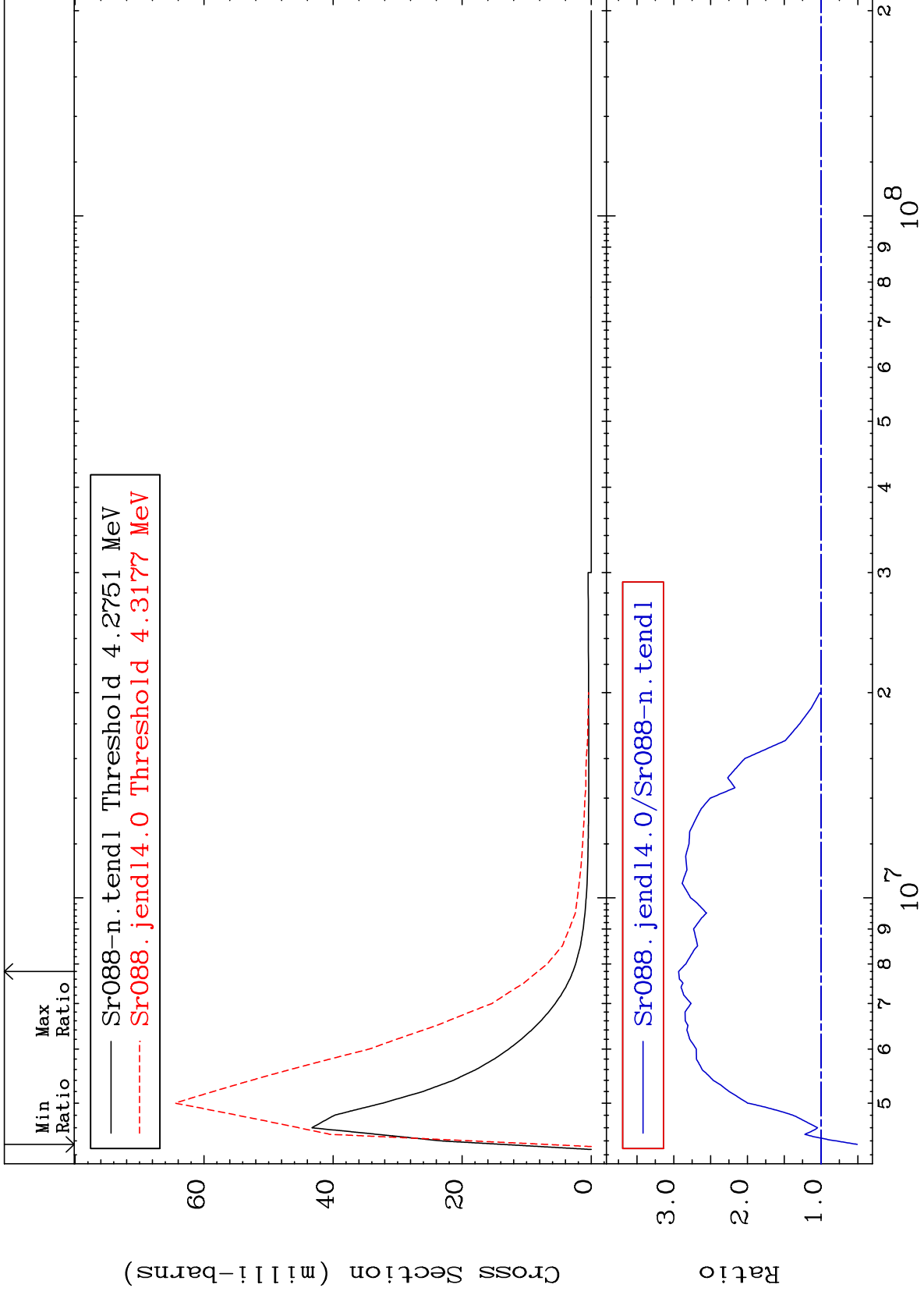
MAT 3837

4.198 MeV (n,n') Level  
Cross Section

38-Sr-88  
-52.25 To 553.0 %





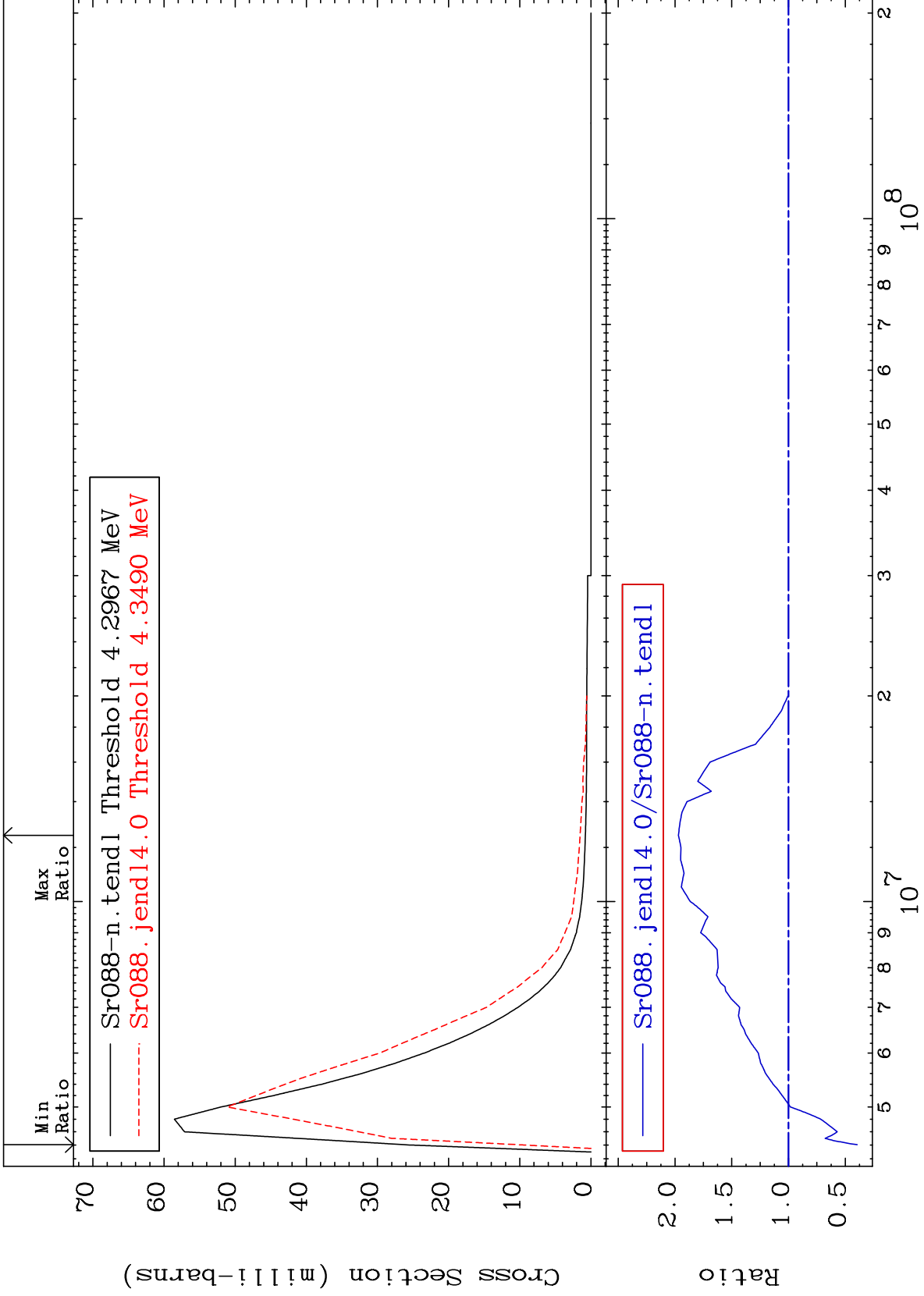


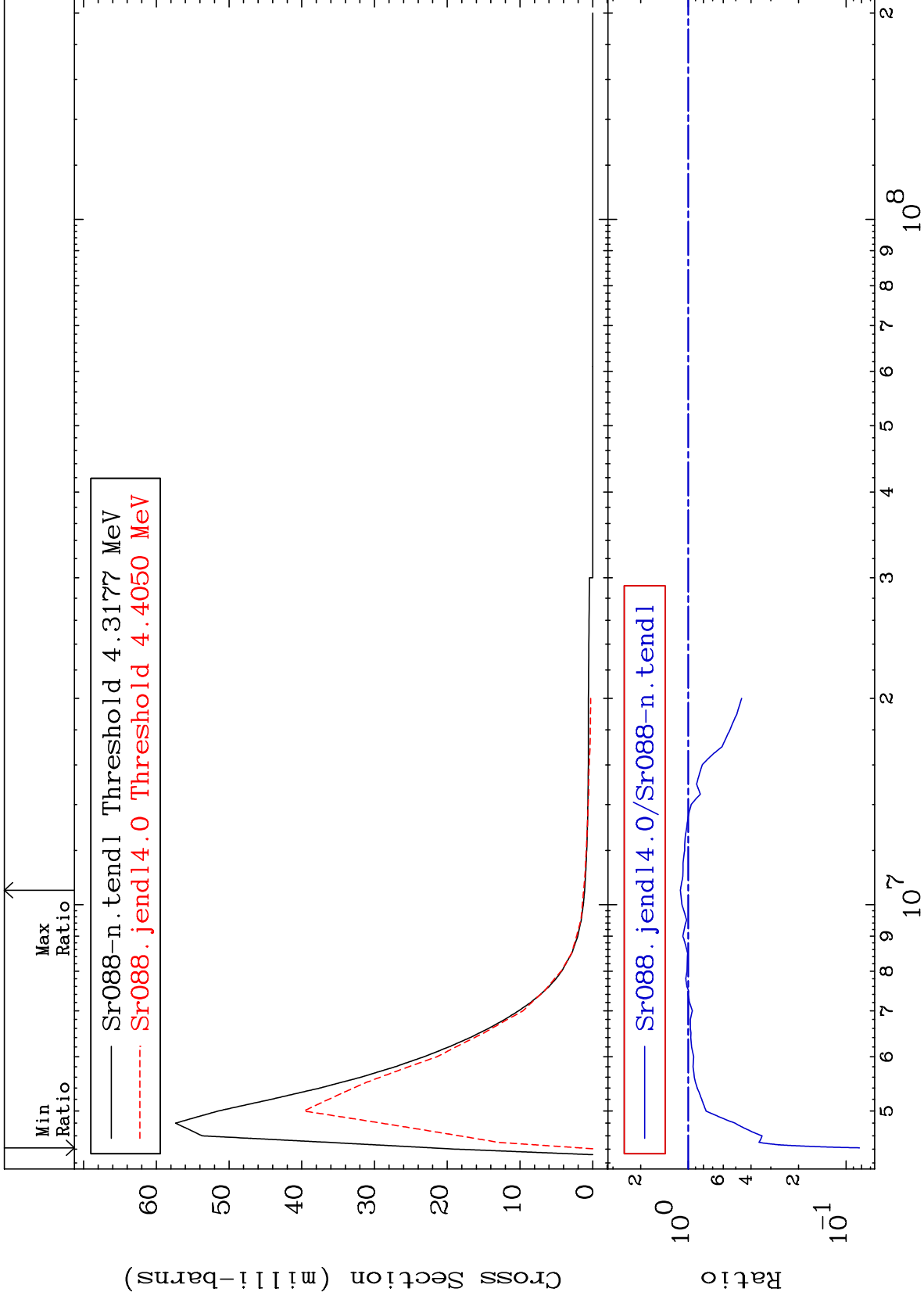


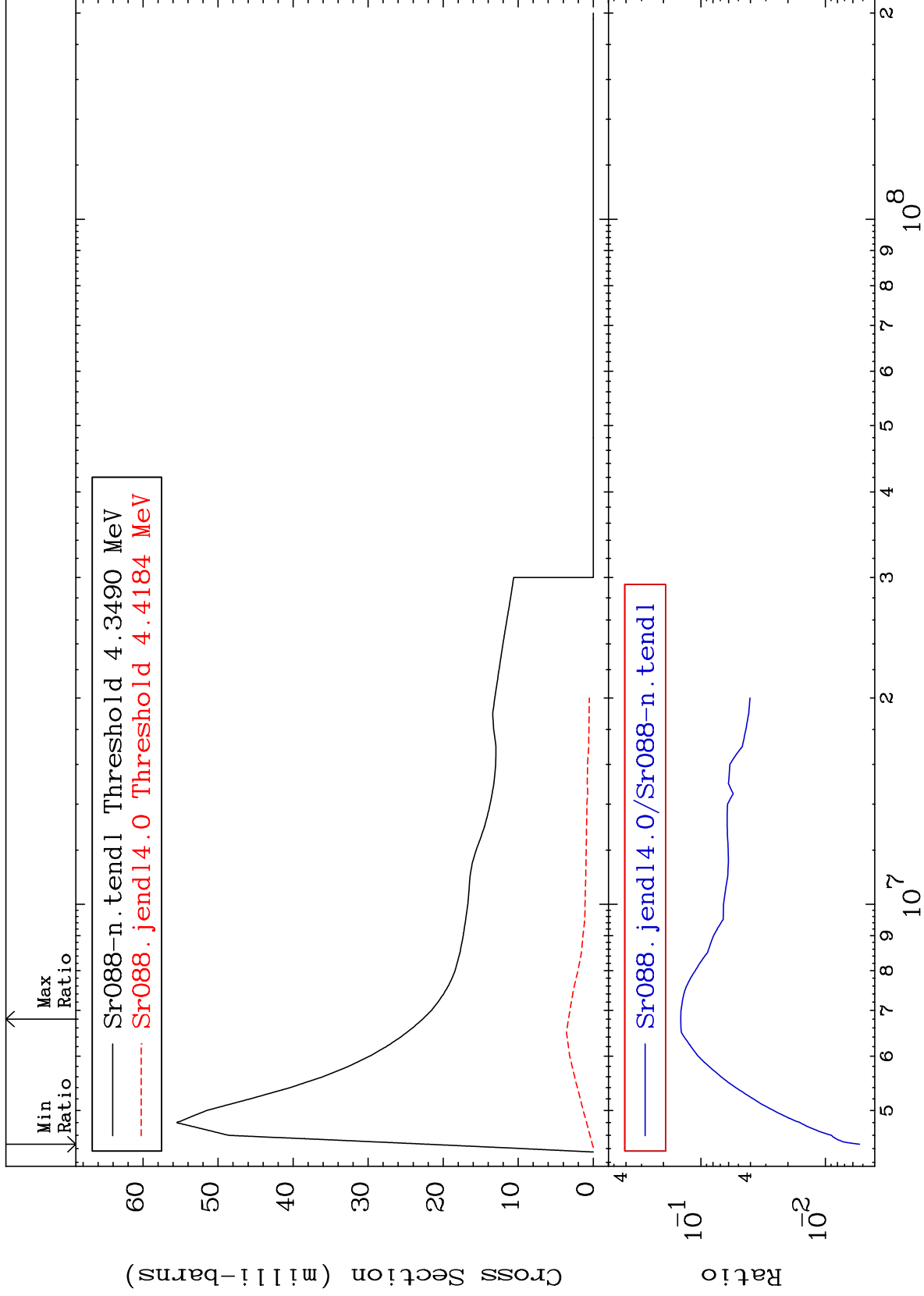
MAT 3837

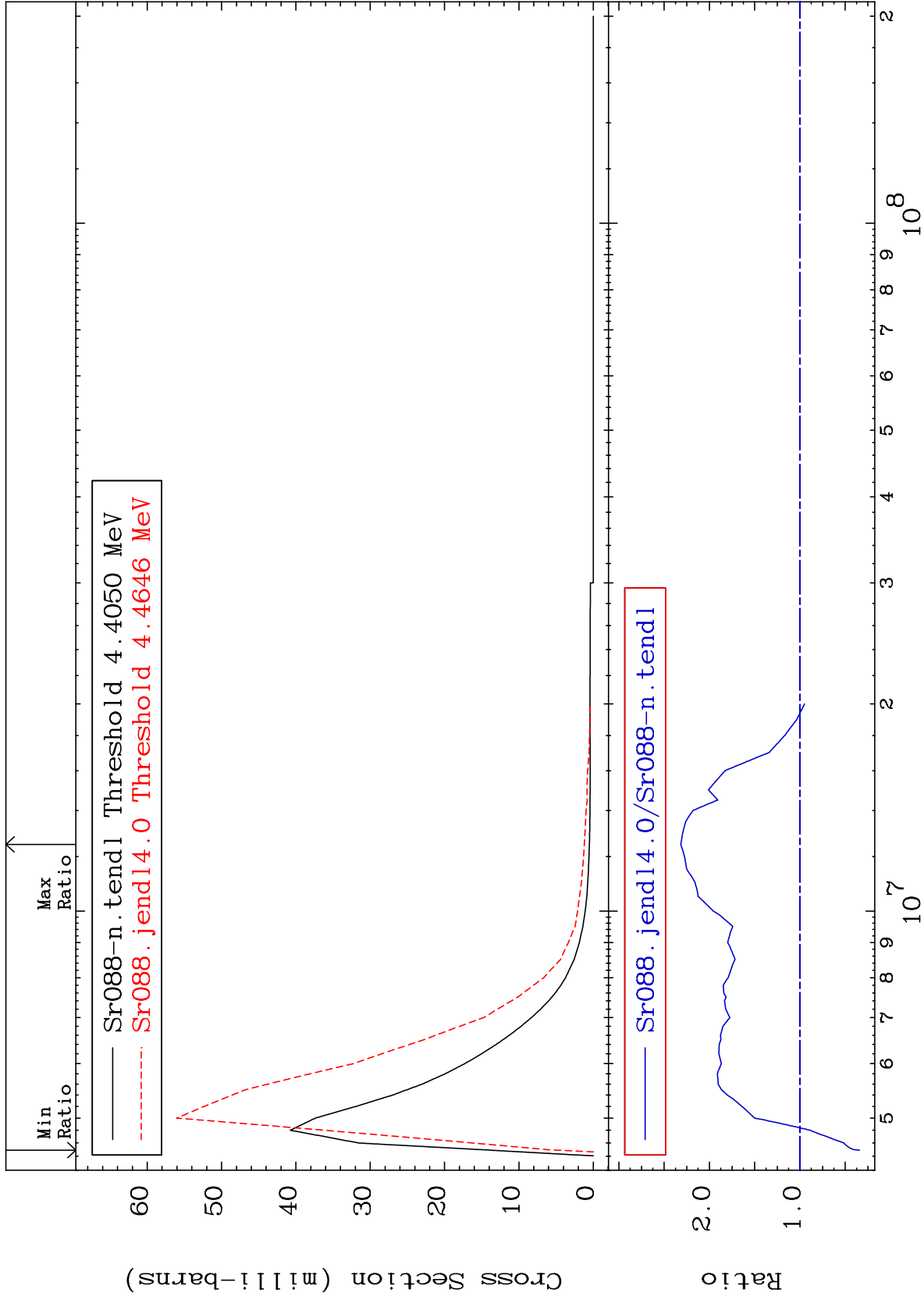
4.248 MeV (n,n') Level  
Cross Section

38-Sr-88  
-60.51 To 97.00 %





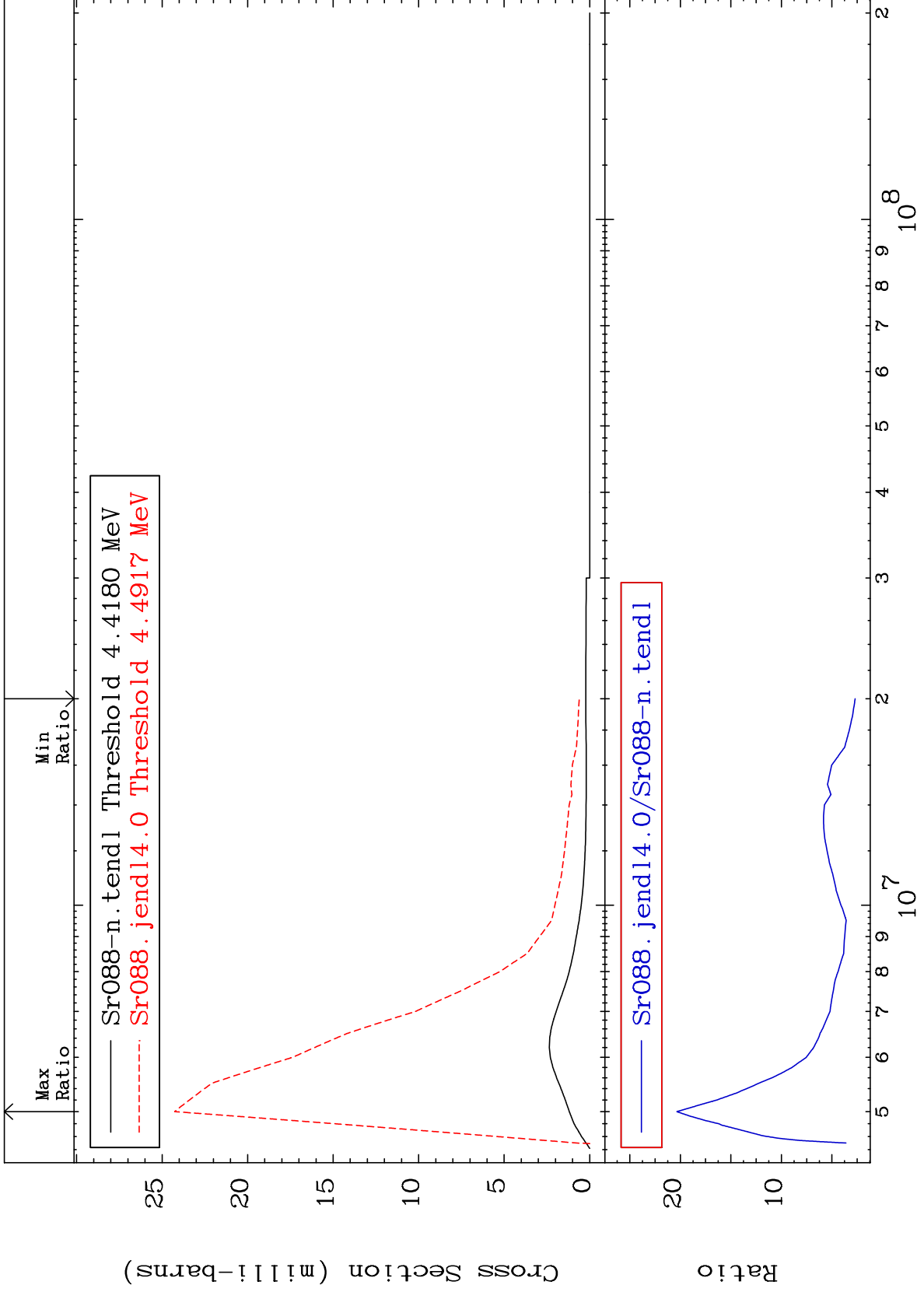




MAT 3837

4.368 MeV (n,n') Level  
Cross Section

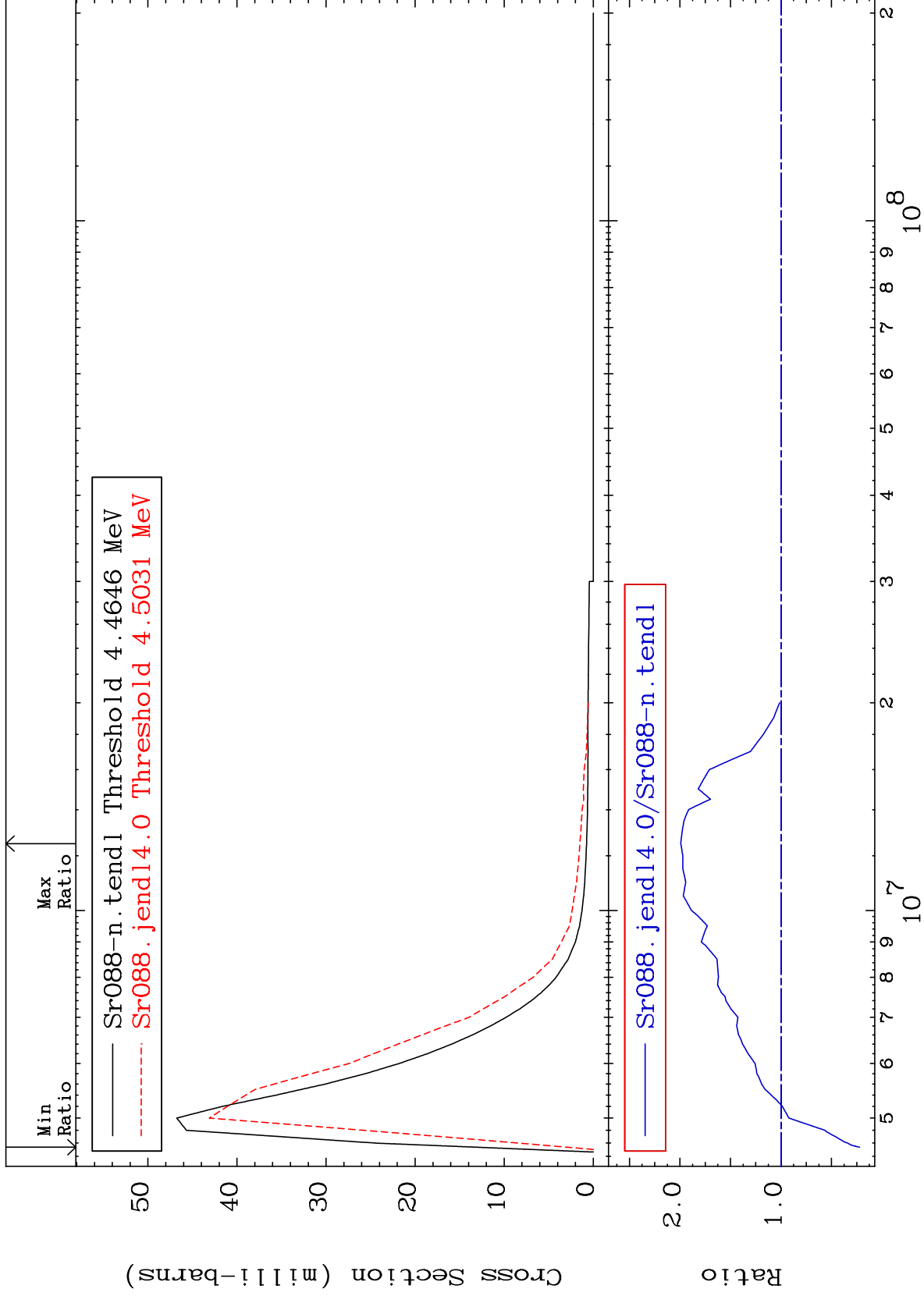
38-Sr-88  
170.9 To 1934. %



MAT 3837

4.414 MeV (n,n') Level  
Cross Section

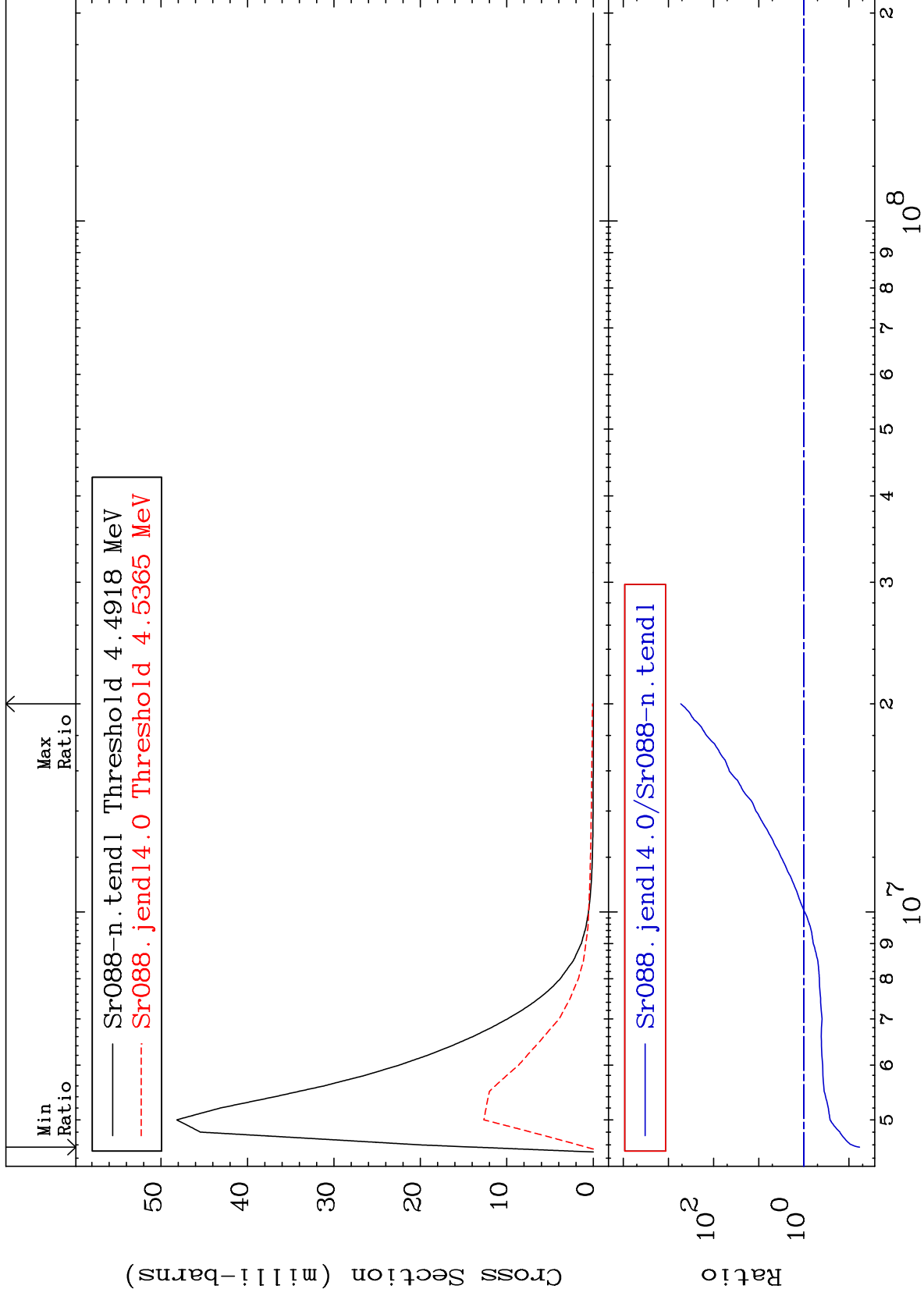
38-Sr-88  
-77.78 To 99.19 %

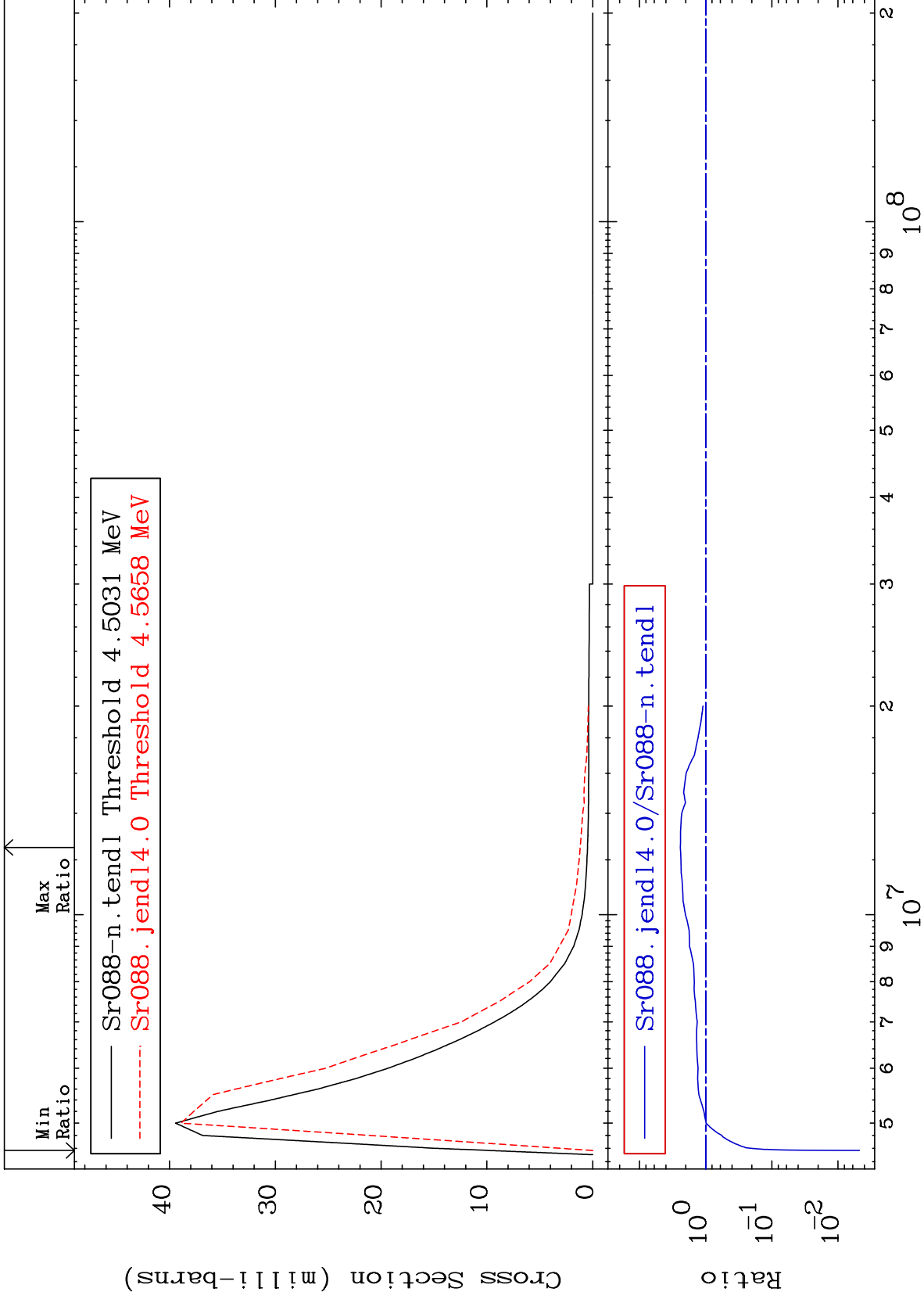


30

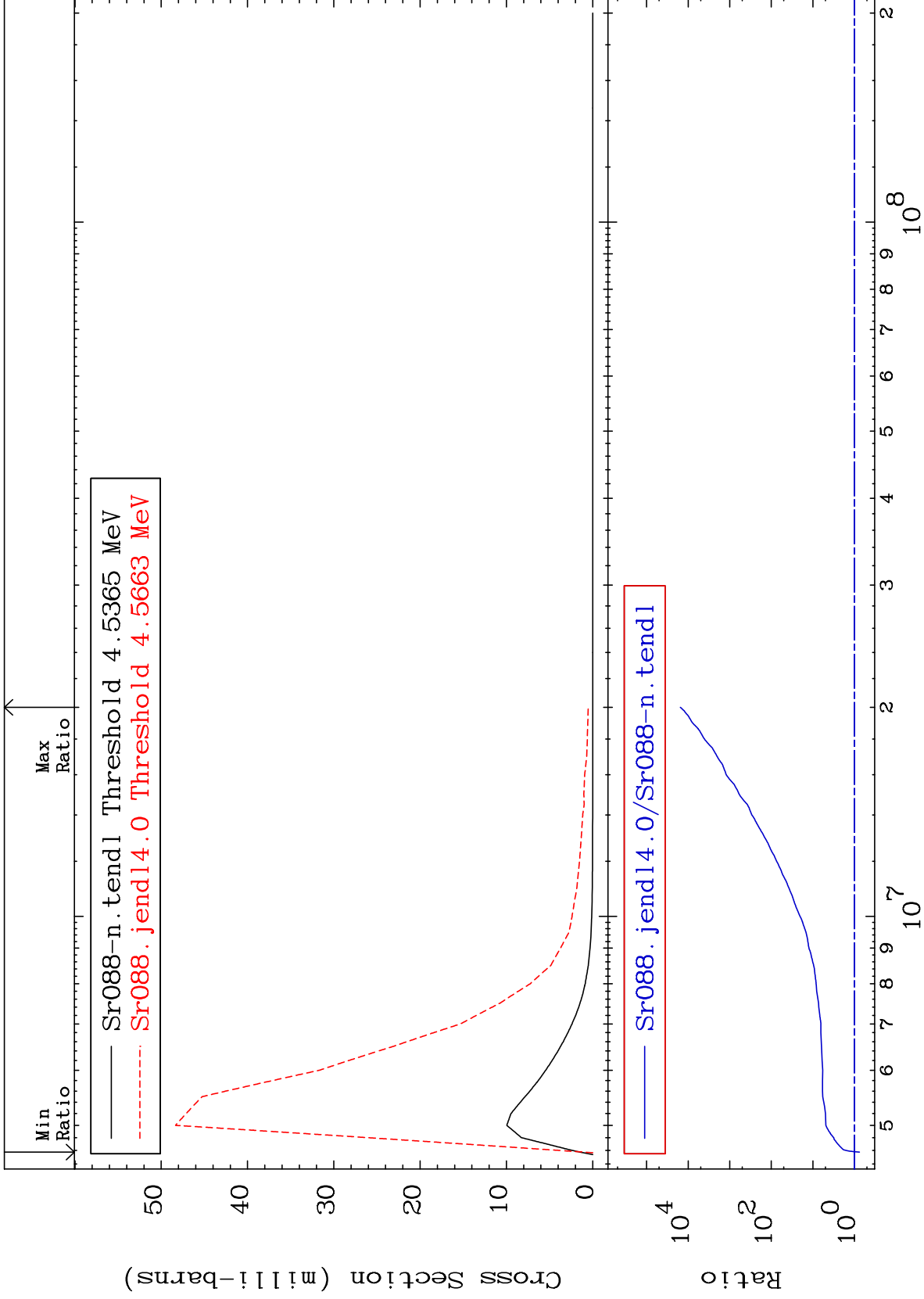
Incident Energy (eV)

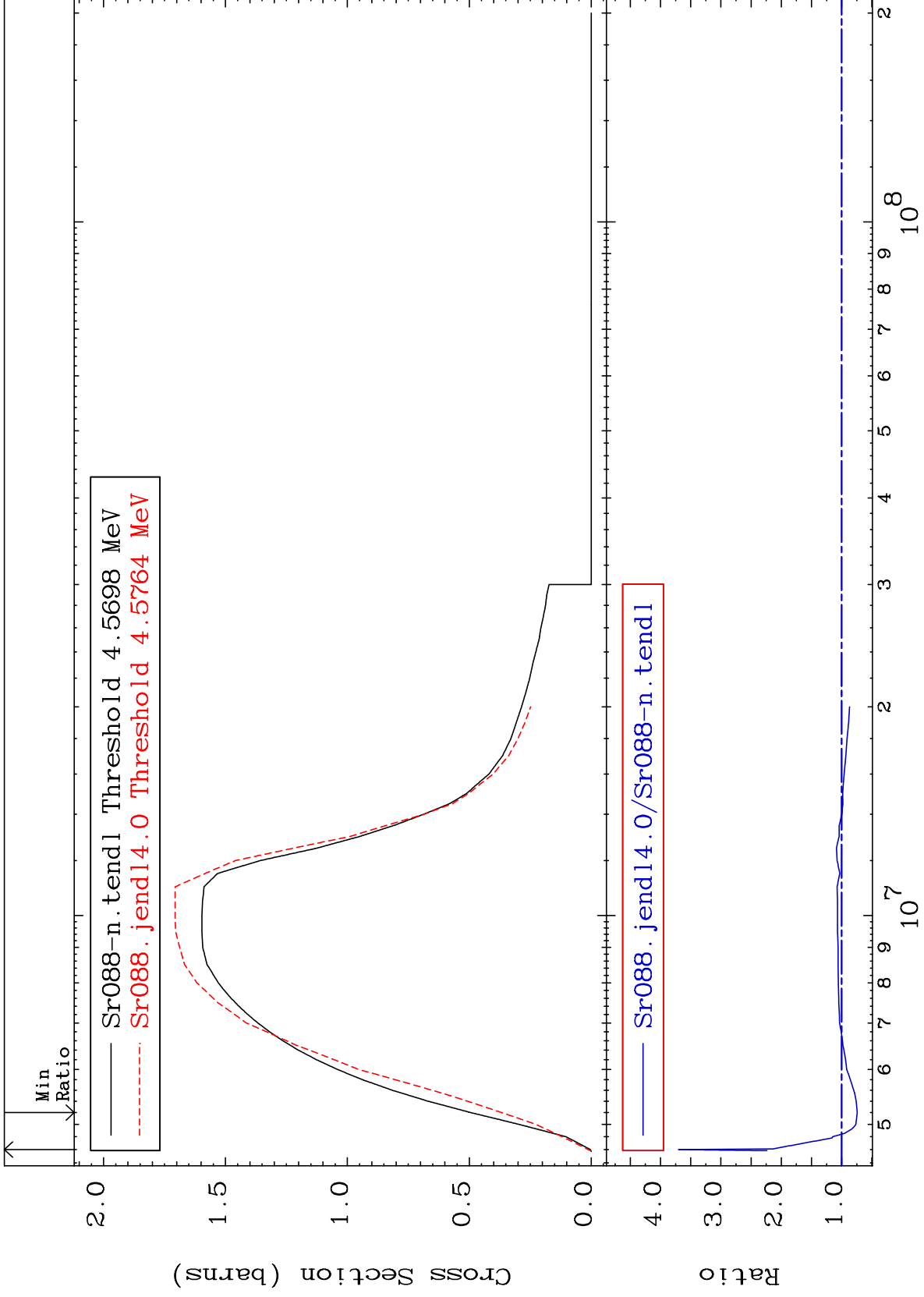
38-Sr-88









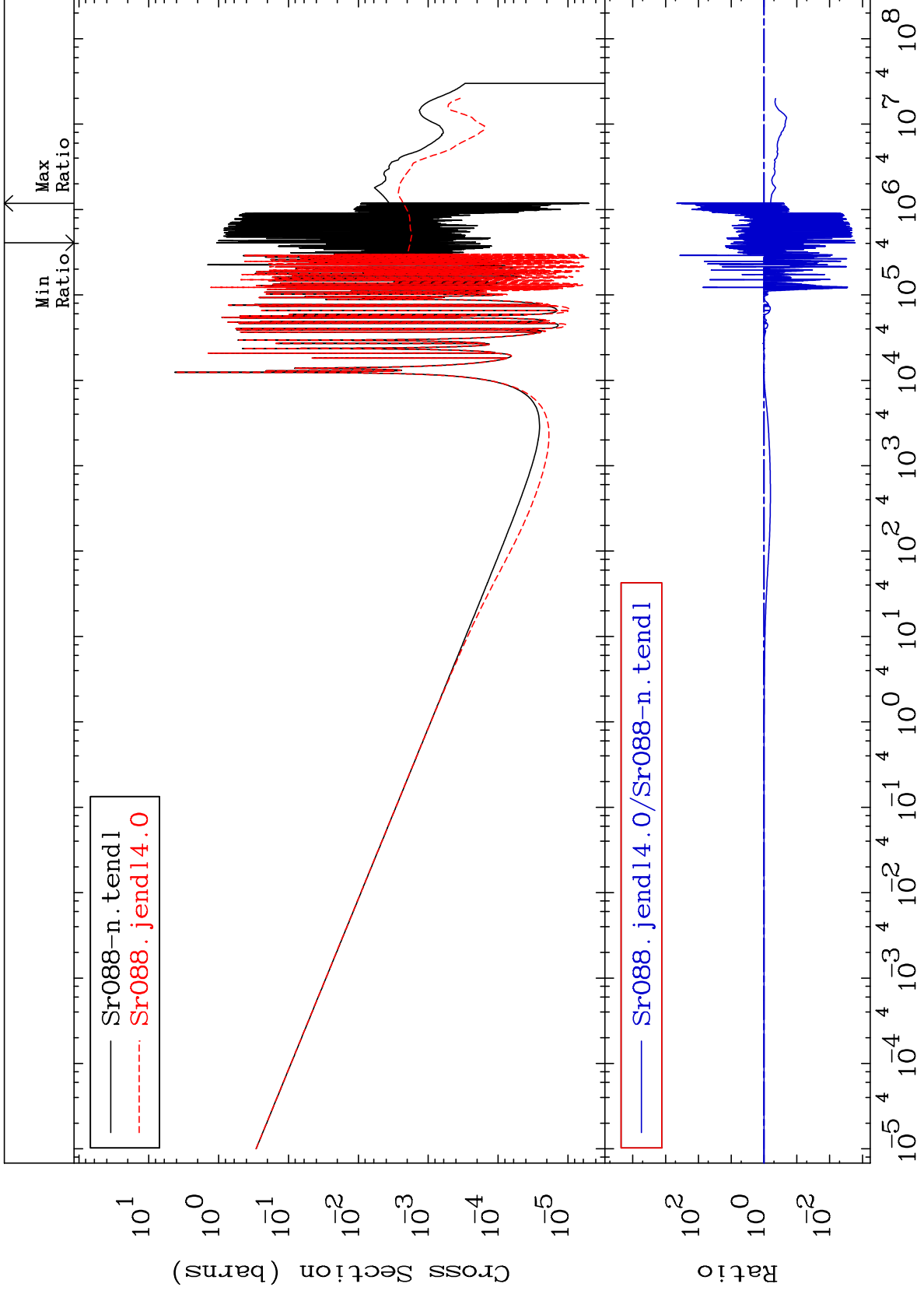


MAT 3837

(n,  $\gamma$ )

Cross Section

38-Sr-88  
-99.83 To 9999. %



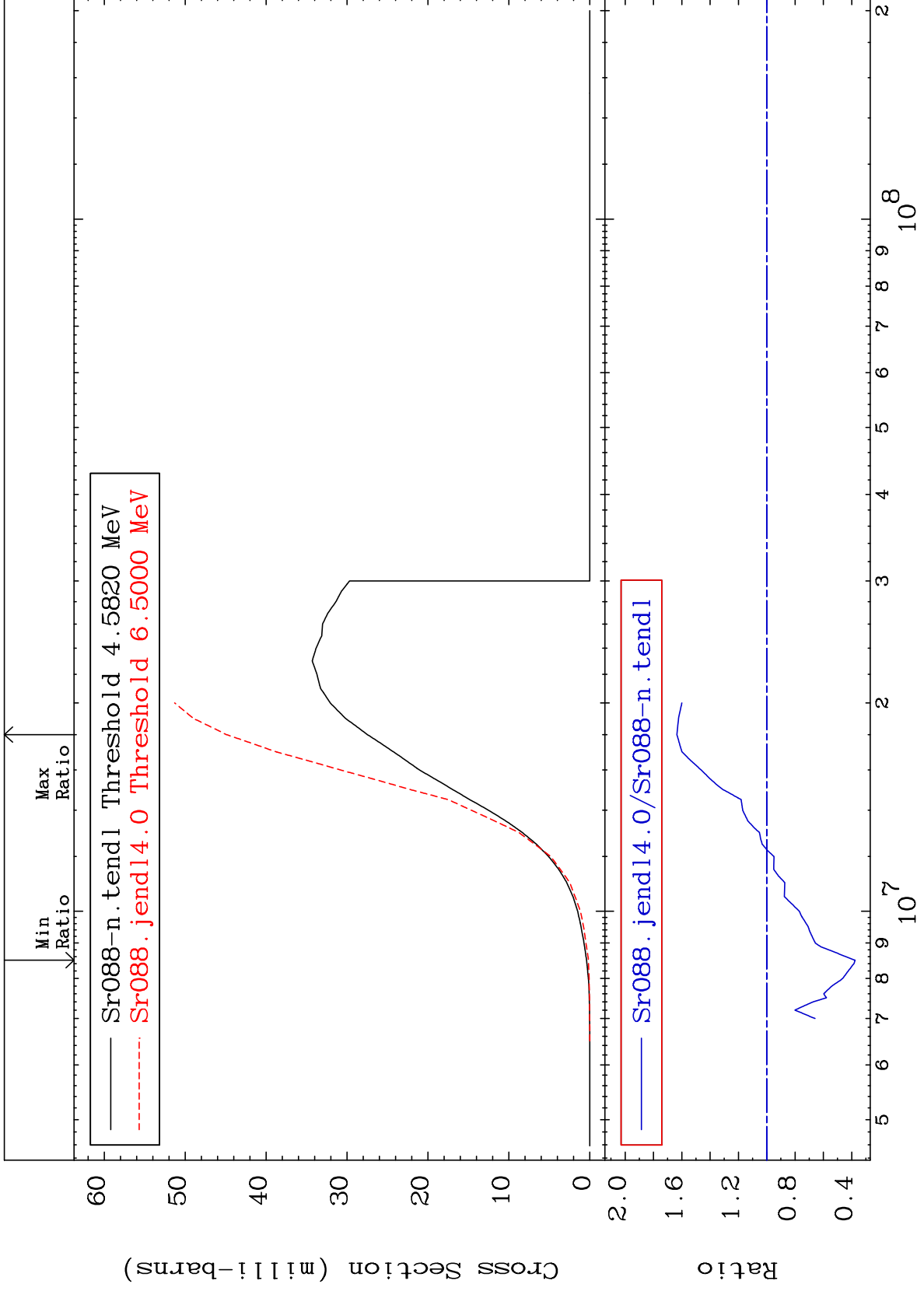
MAT 3837

(n,p)

38-Sr-88

Cross Section

-62.40 To 63.43 %



36

Incident Energy (eV)

38-Sr-88

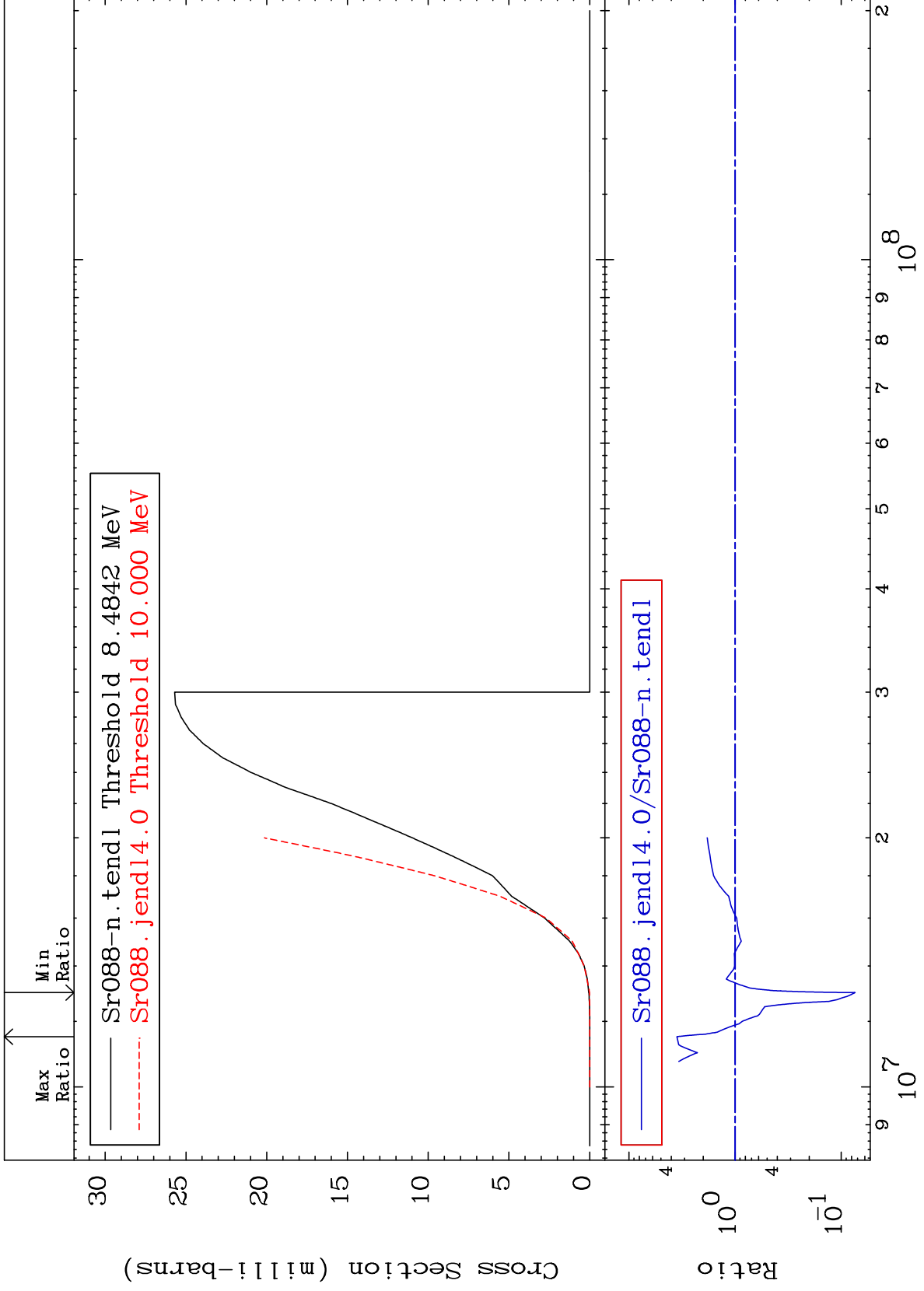
MAT 3837

(n, d)

38-Sr-88

Cross Section

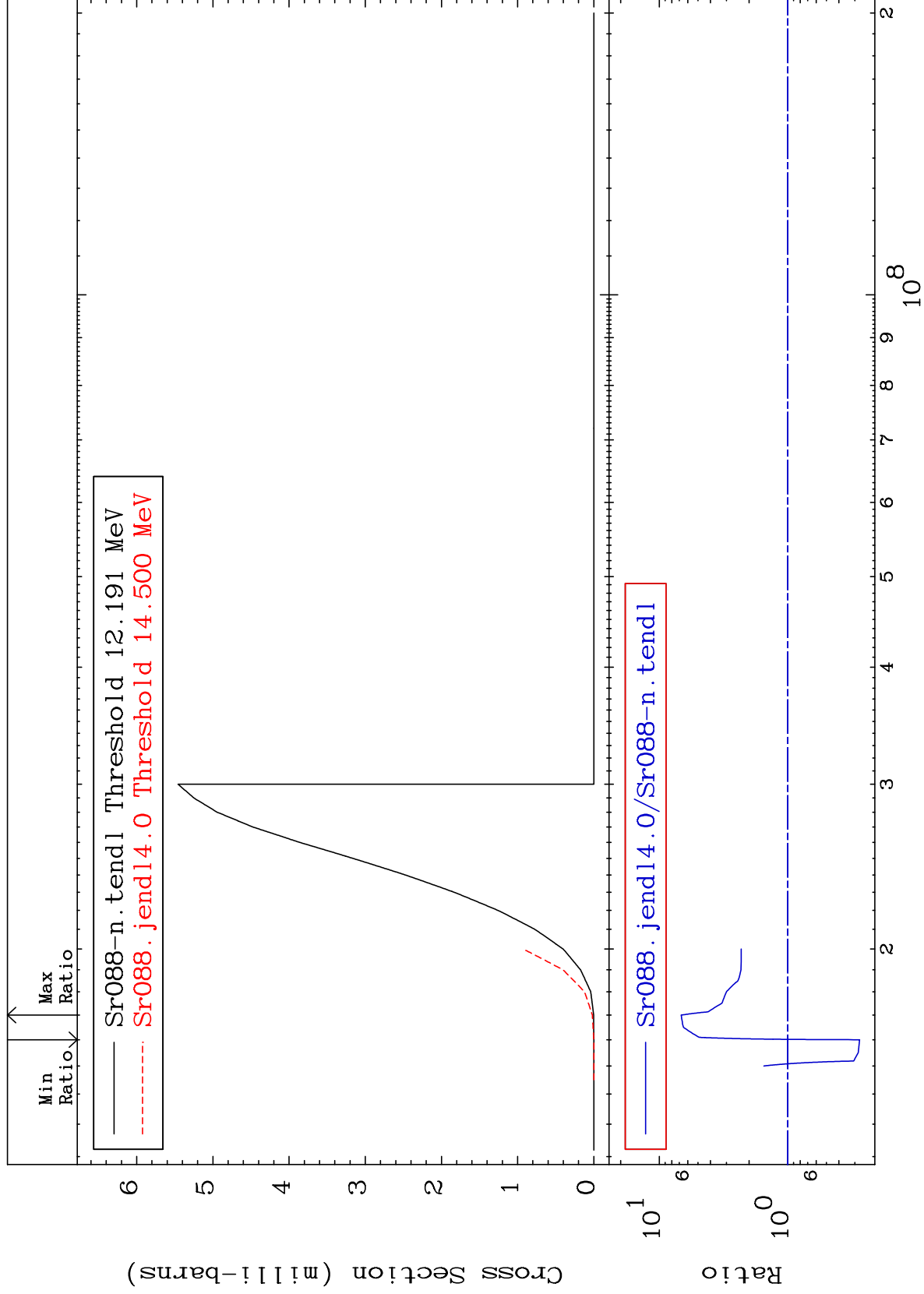
-92.60 To 253.8 %

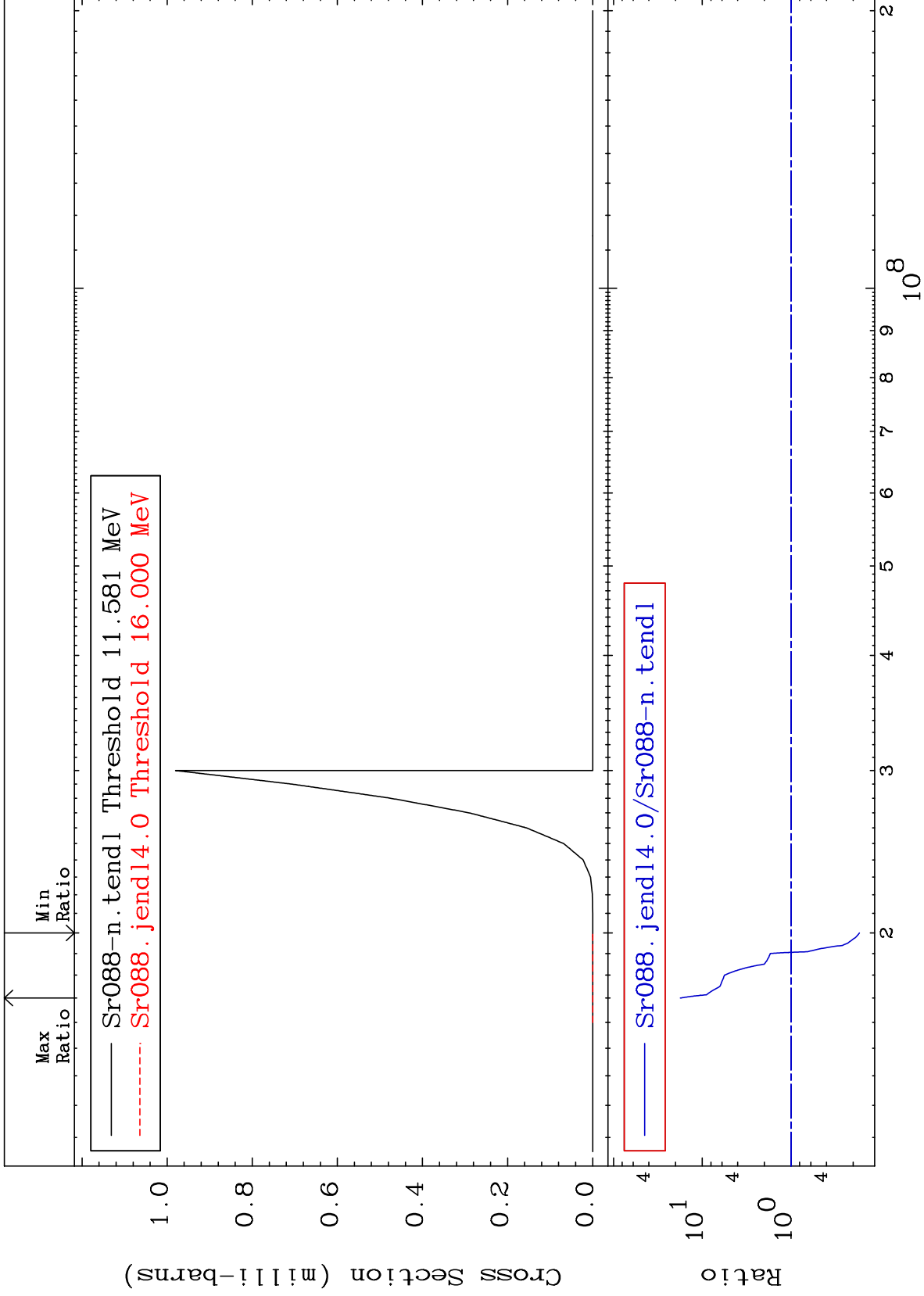


37

Incident Energy (eV)

38-Sr-88





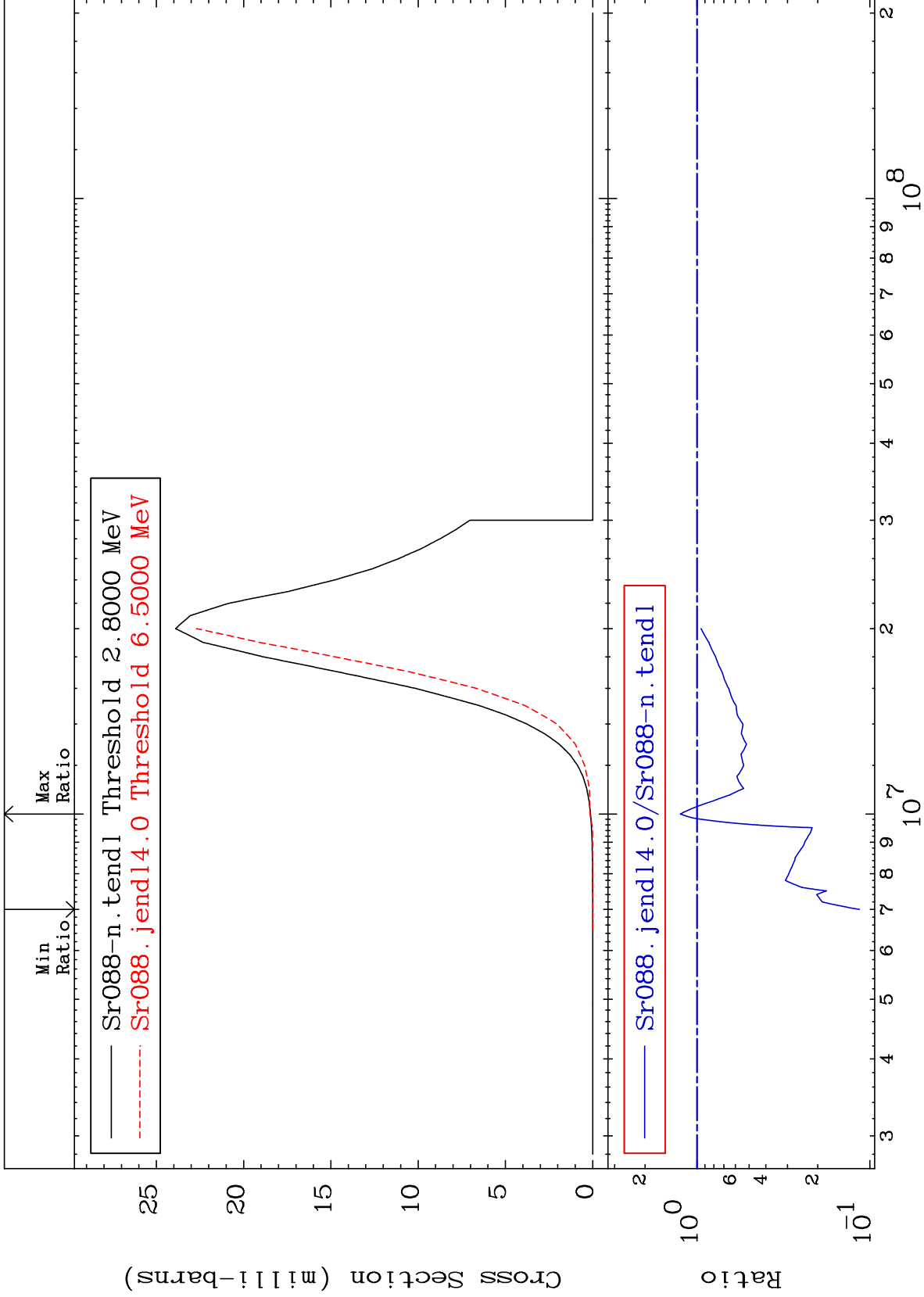
MAT 3837

(n,  $\alpha$ )

38-Sr-88

Cross Section

-88.52 To 24.97 %



40

Incident Energy (eV)

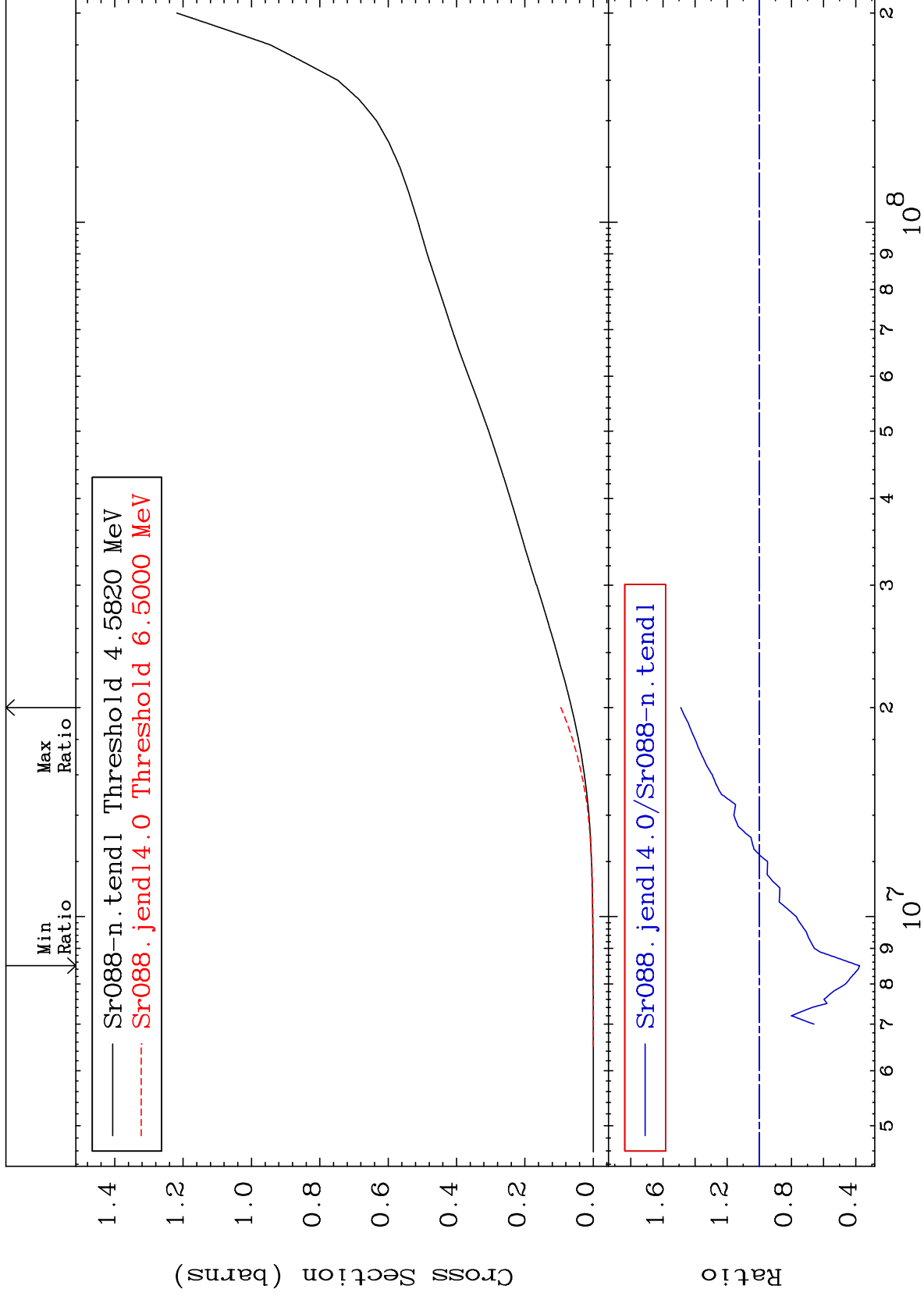
38-Sr-88

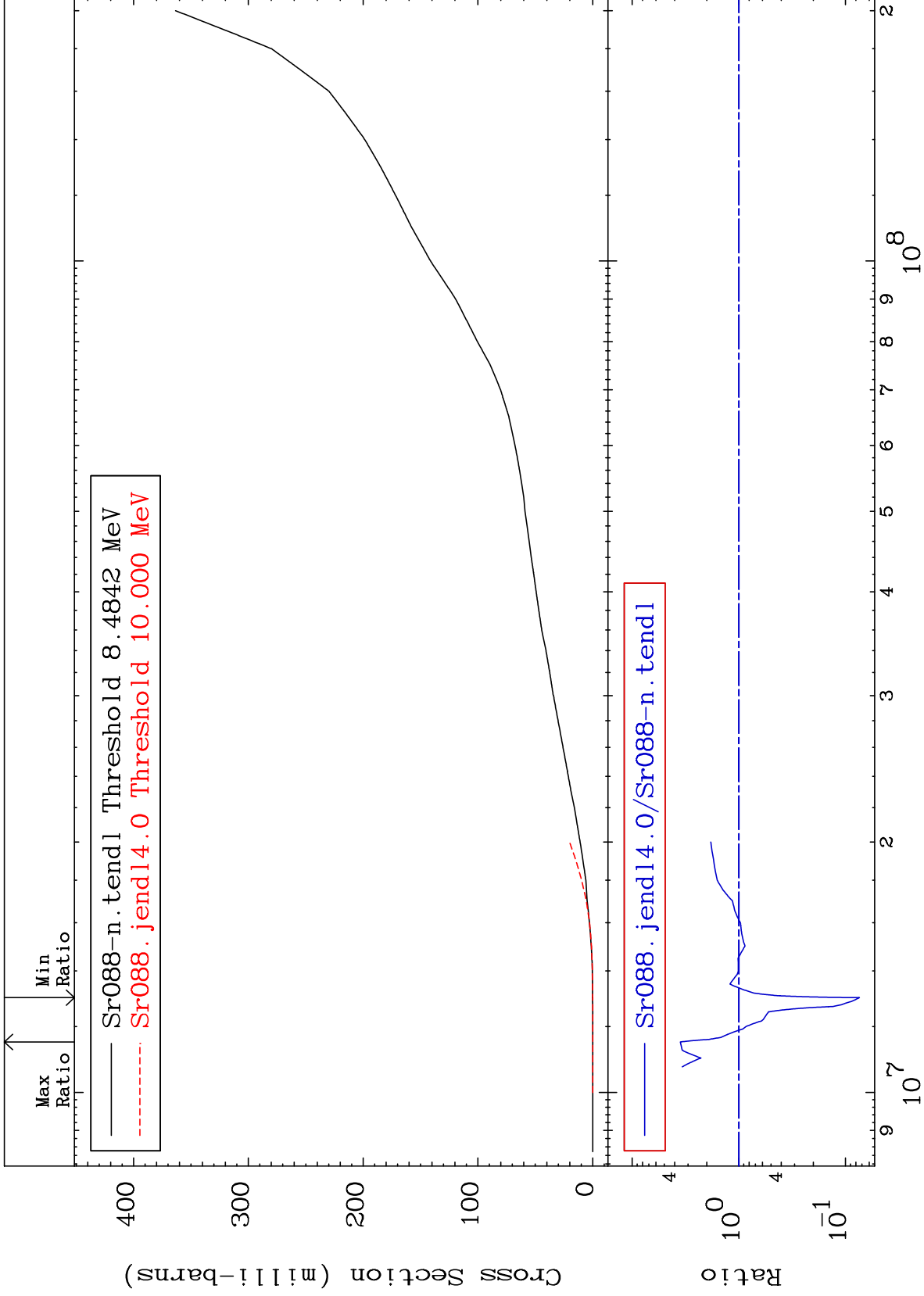


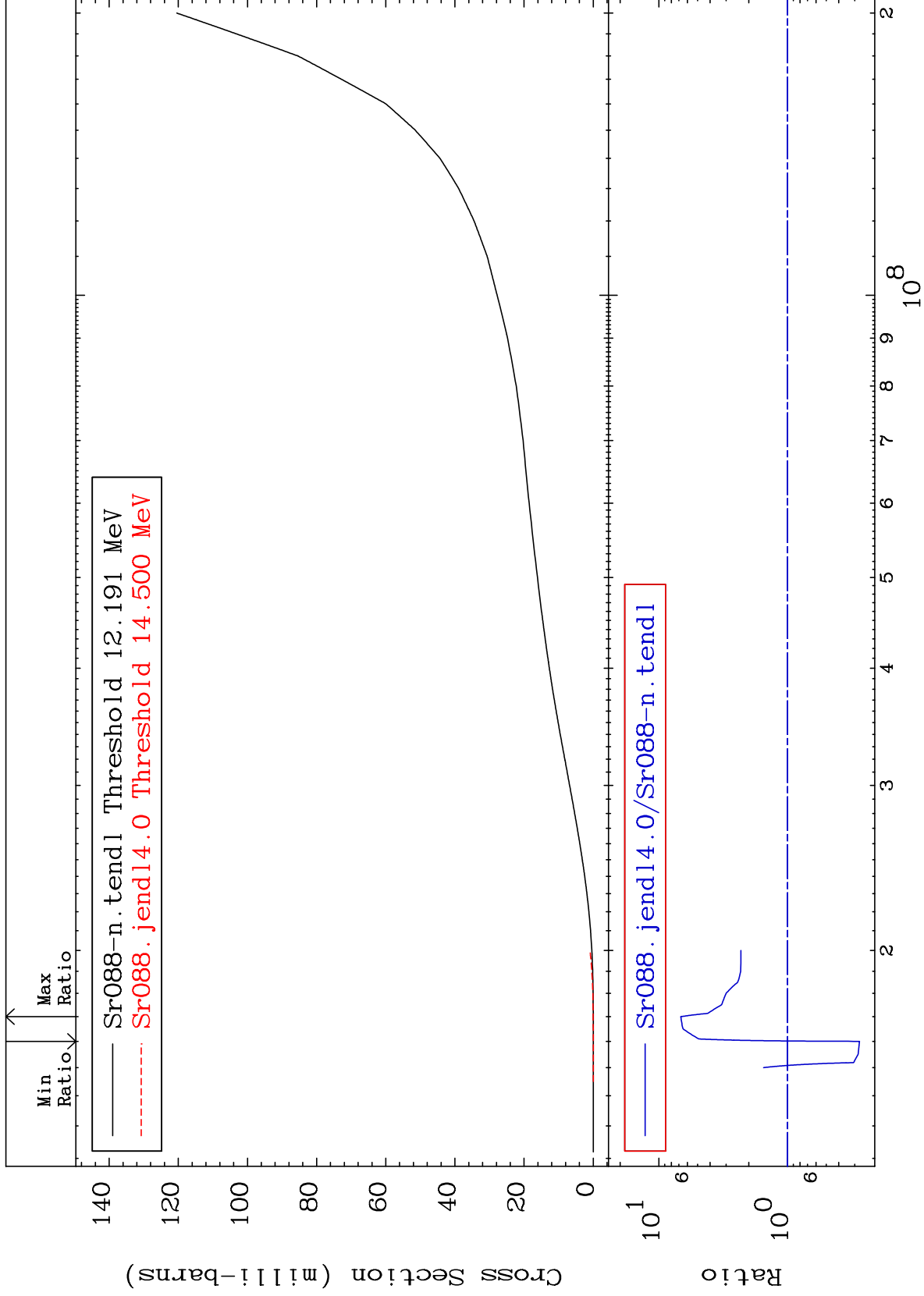
MAT 3837

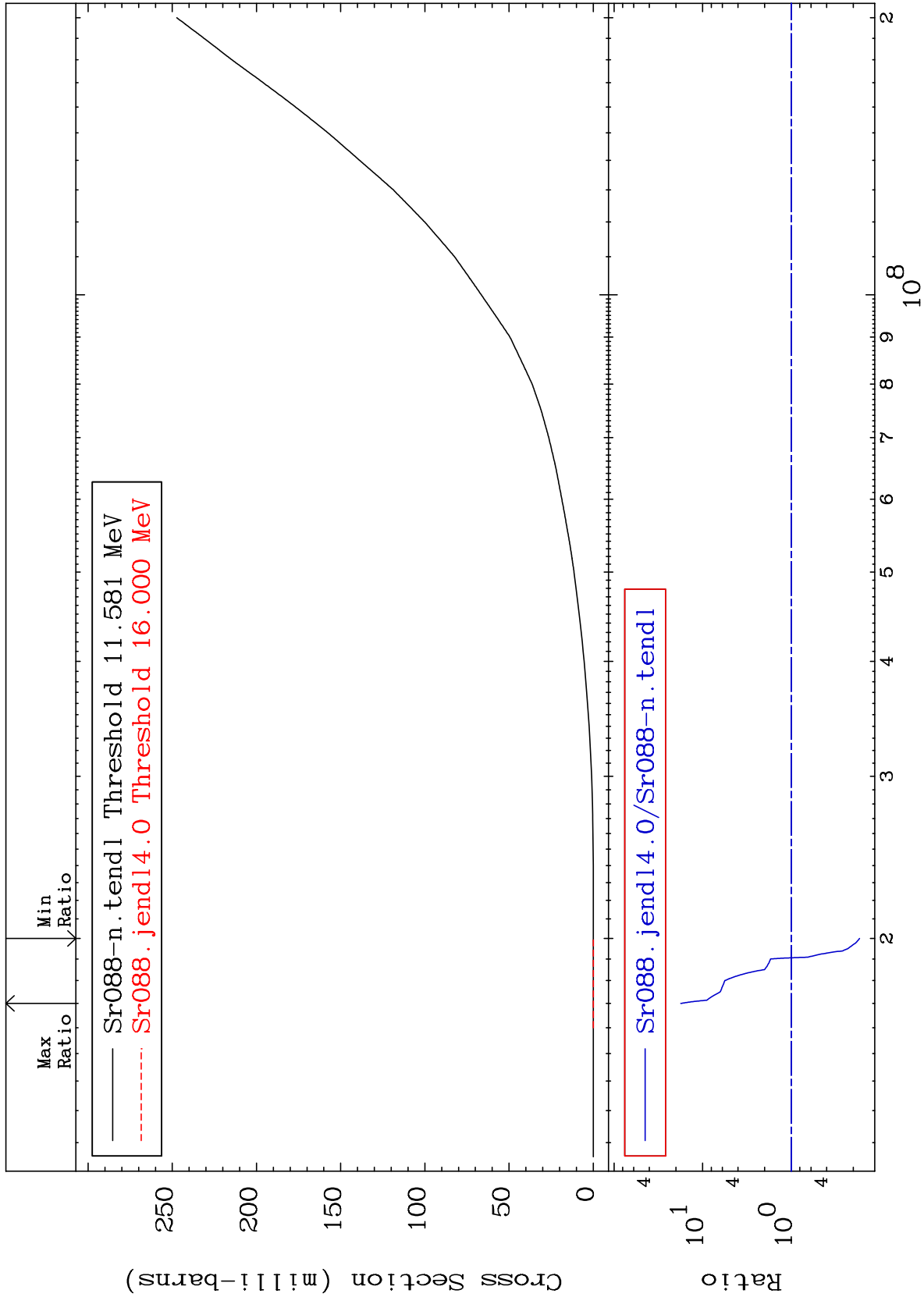
Hydrogen Production  
Cross Section

38-Sr-88  
-62.40 To 48.89 %





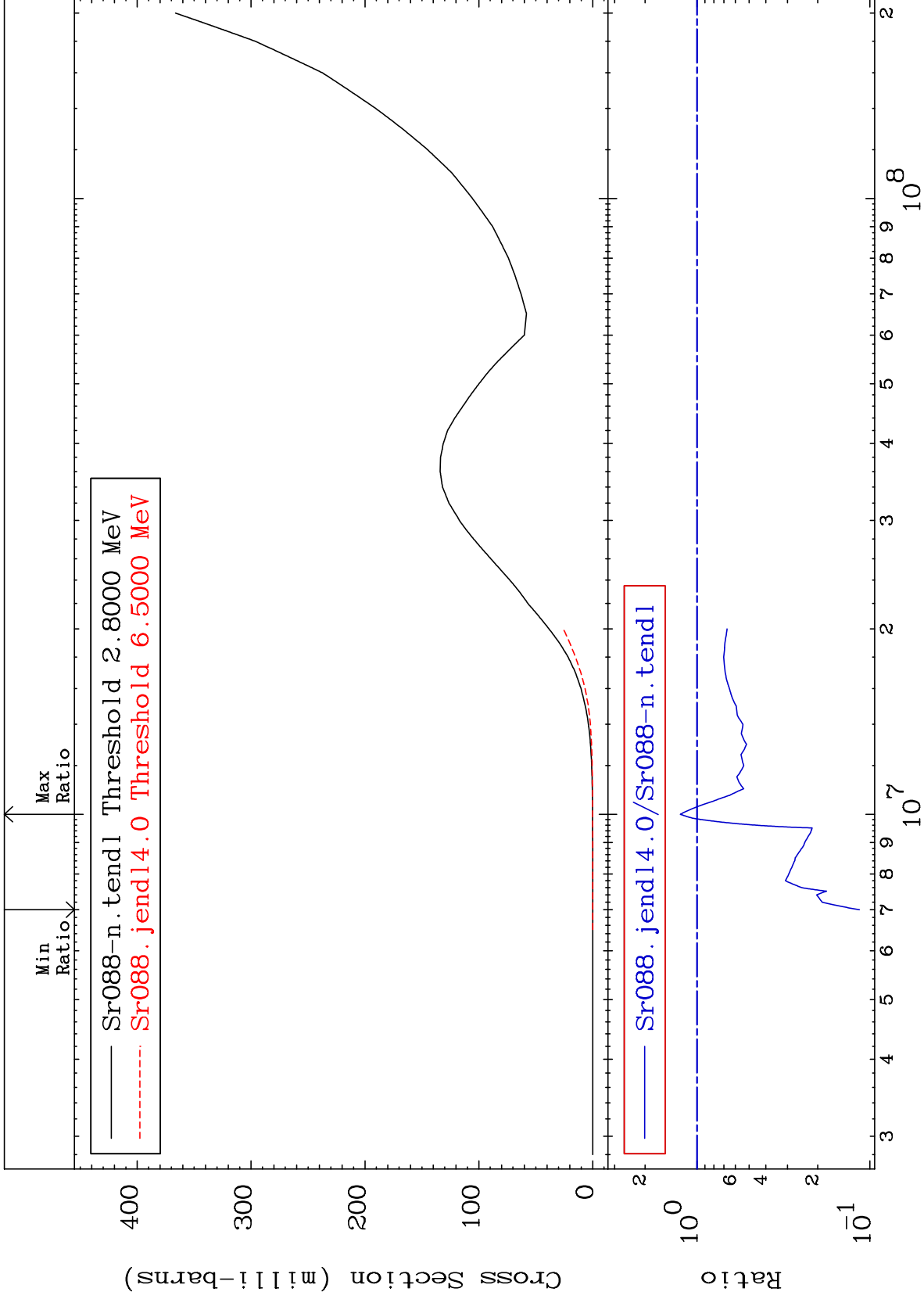




MAT 3837

He-4 Production  
Cross Section

38-Sr-88  
-88.52 To 24.97 %



45

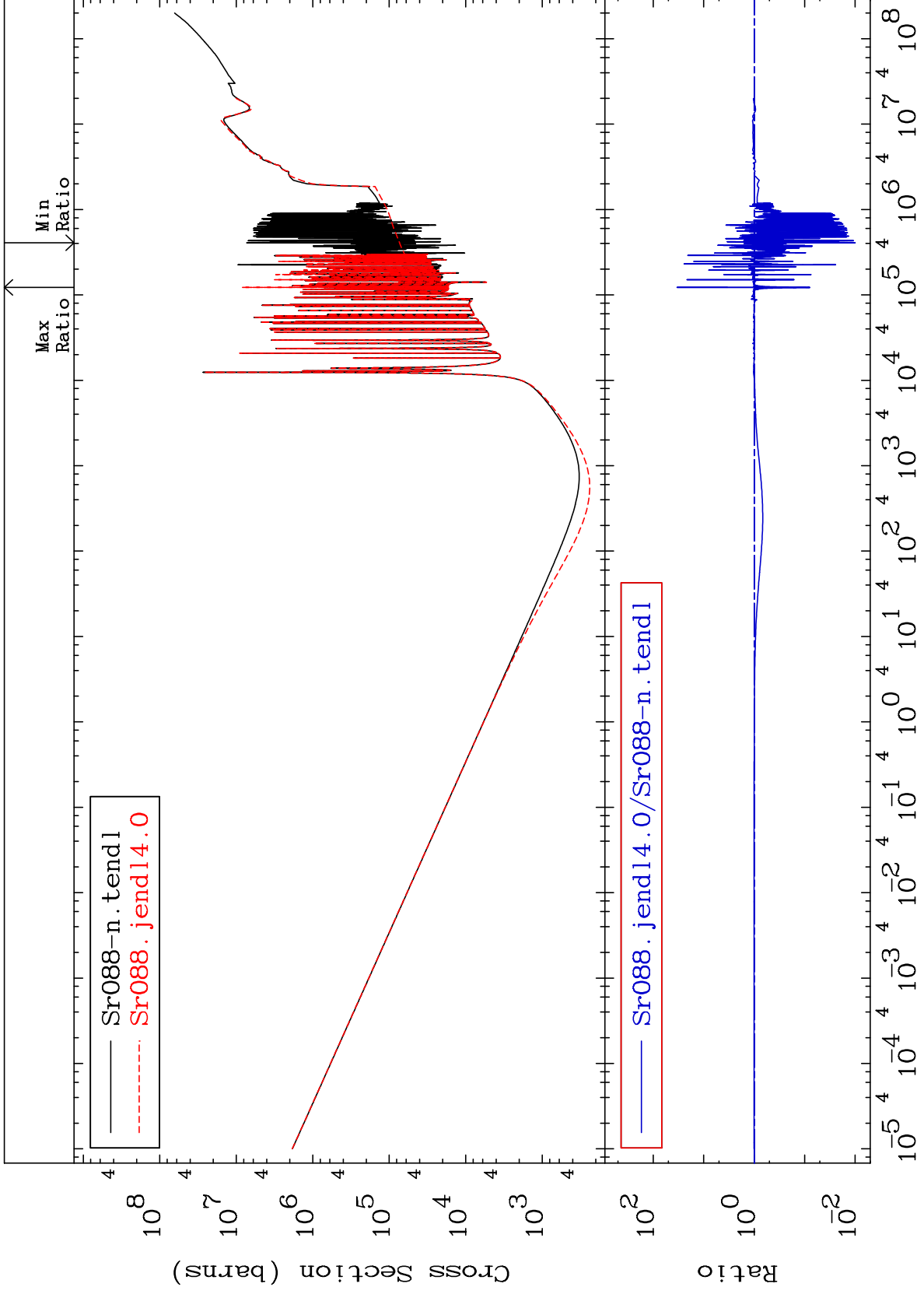
Incident Energy (eV)

38-Sr-88

MAT 3837

Kerma total (eV-barns)  
Cross Section

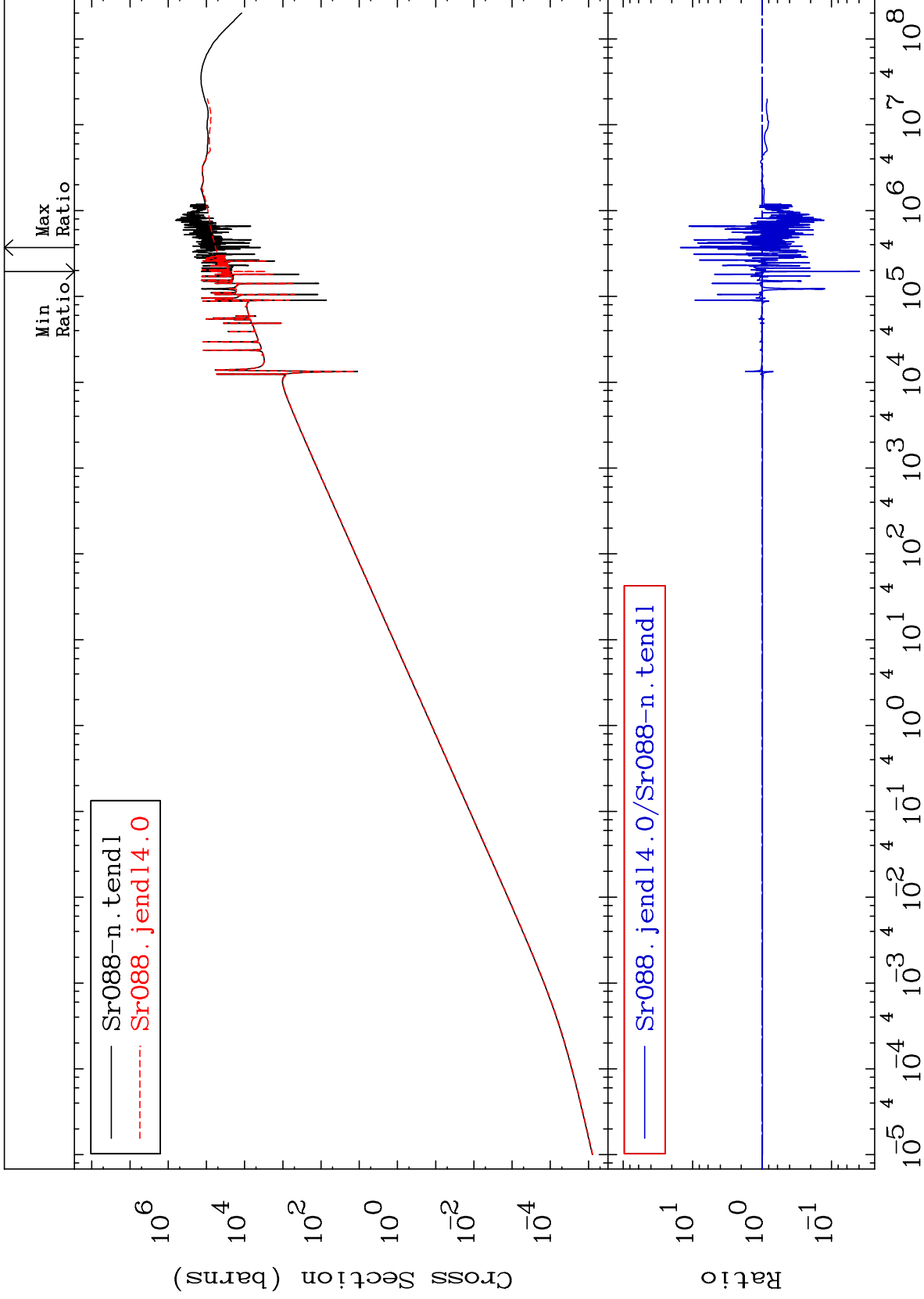
38-Sr-88  
-99.00 To 3299. %



MAT 3837

Kerma elastic  
Cross Section

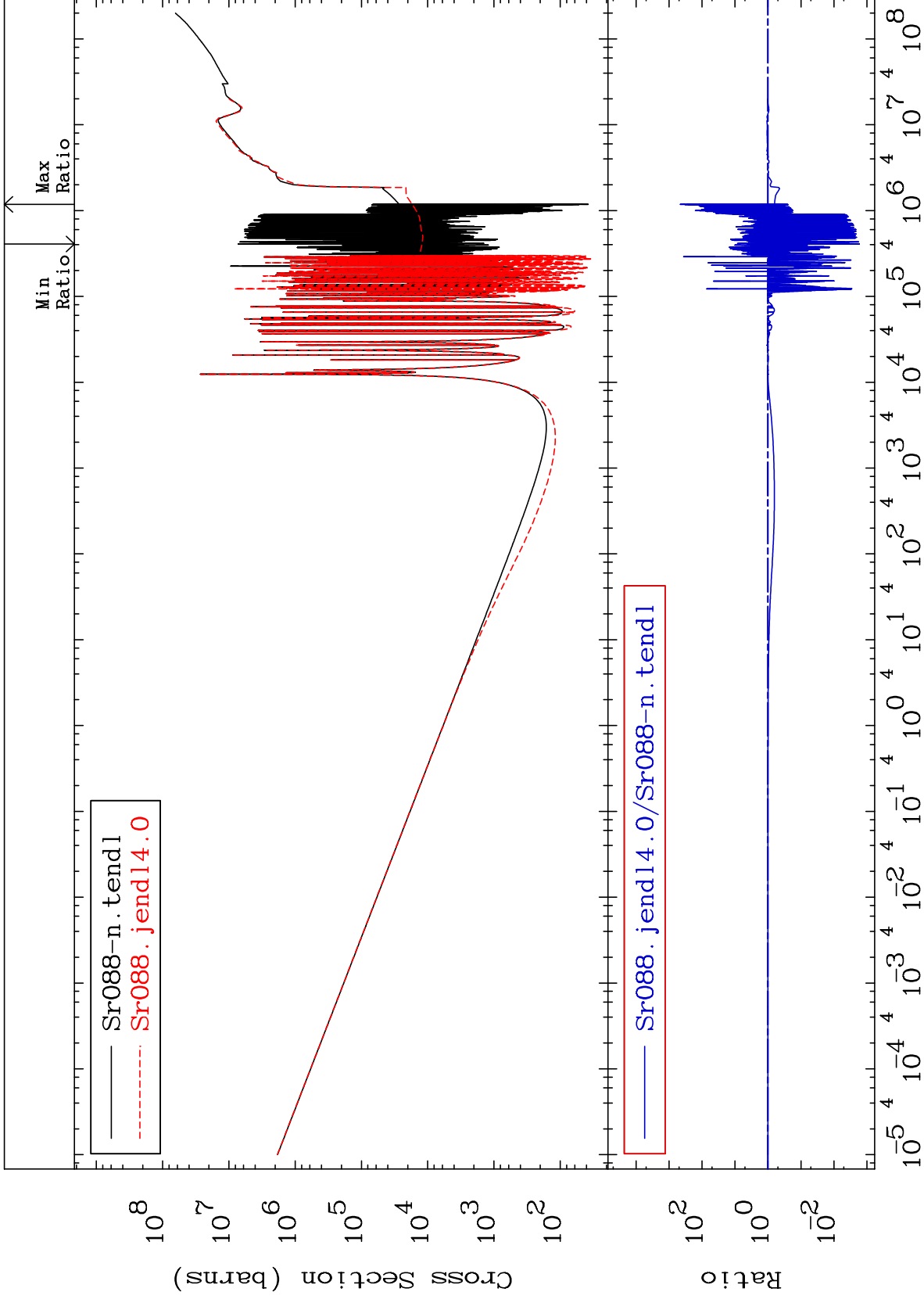
38-Sr-88  
-96.05 To 1402. %



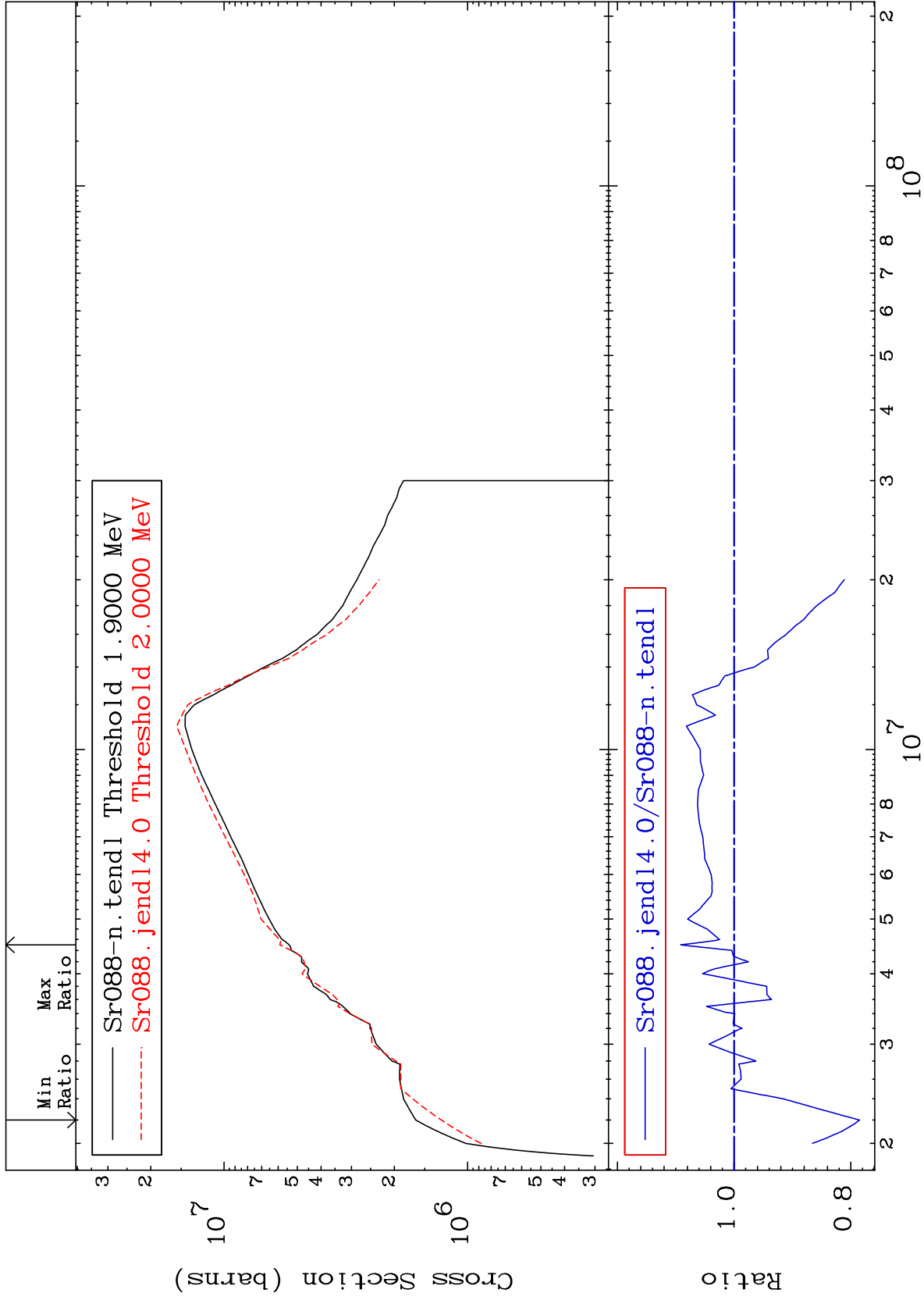
MAT 3837

Kerma non-elastic (all but mt2)  
Cross Section

38-Sr-88  
-99.83 To 9999. %



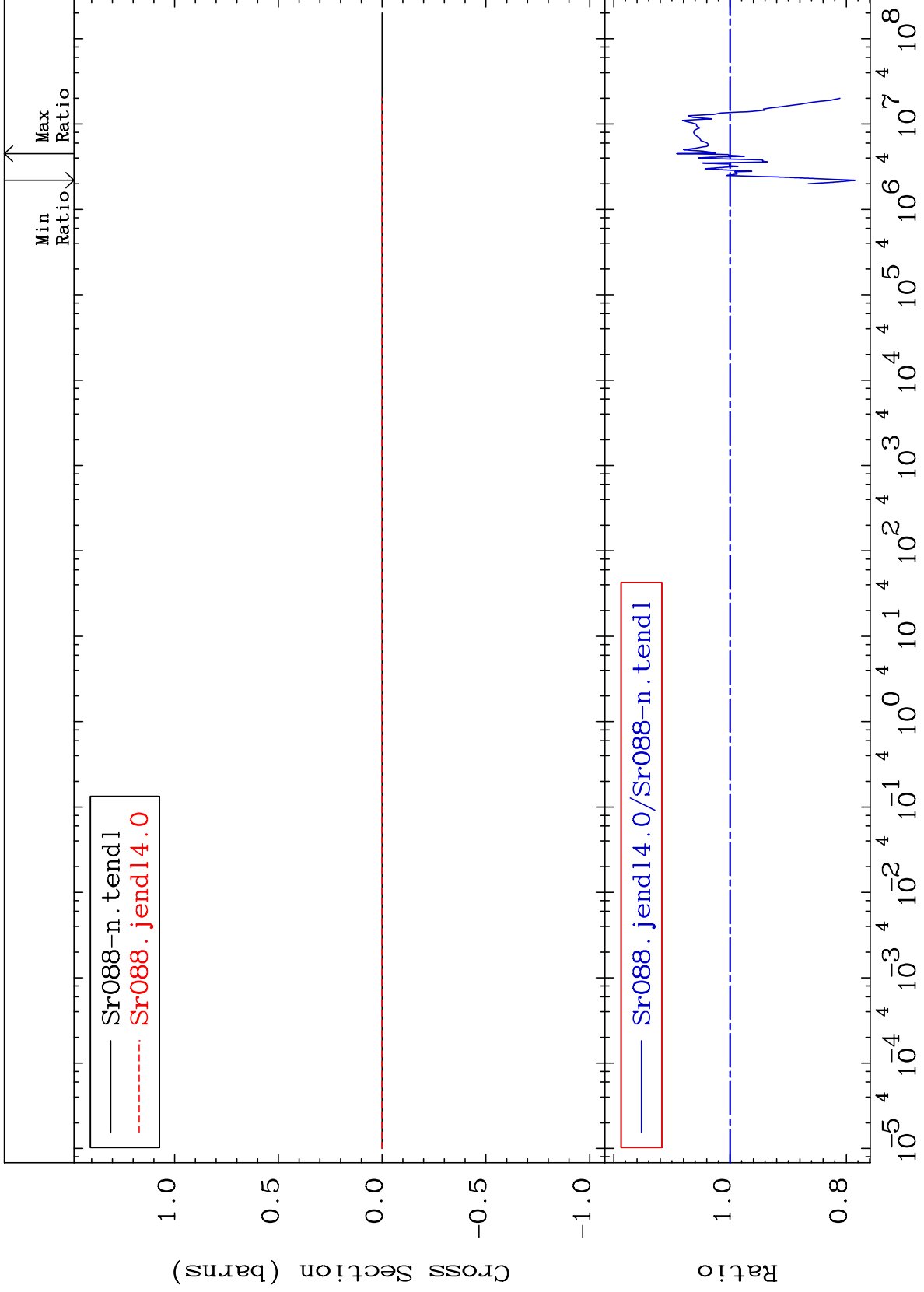




MAT 3837

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

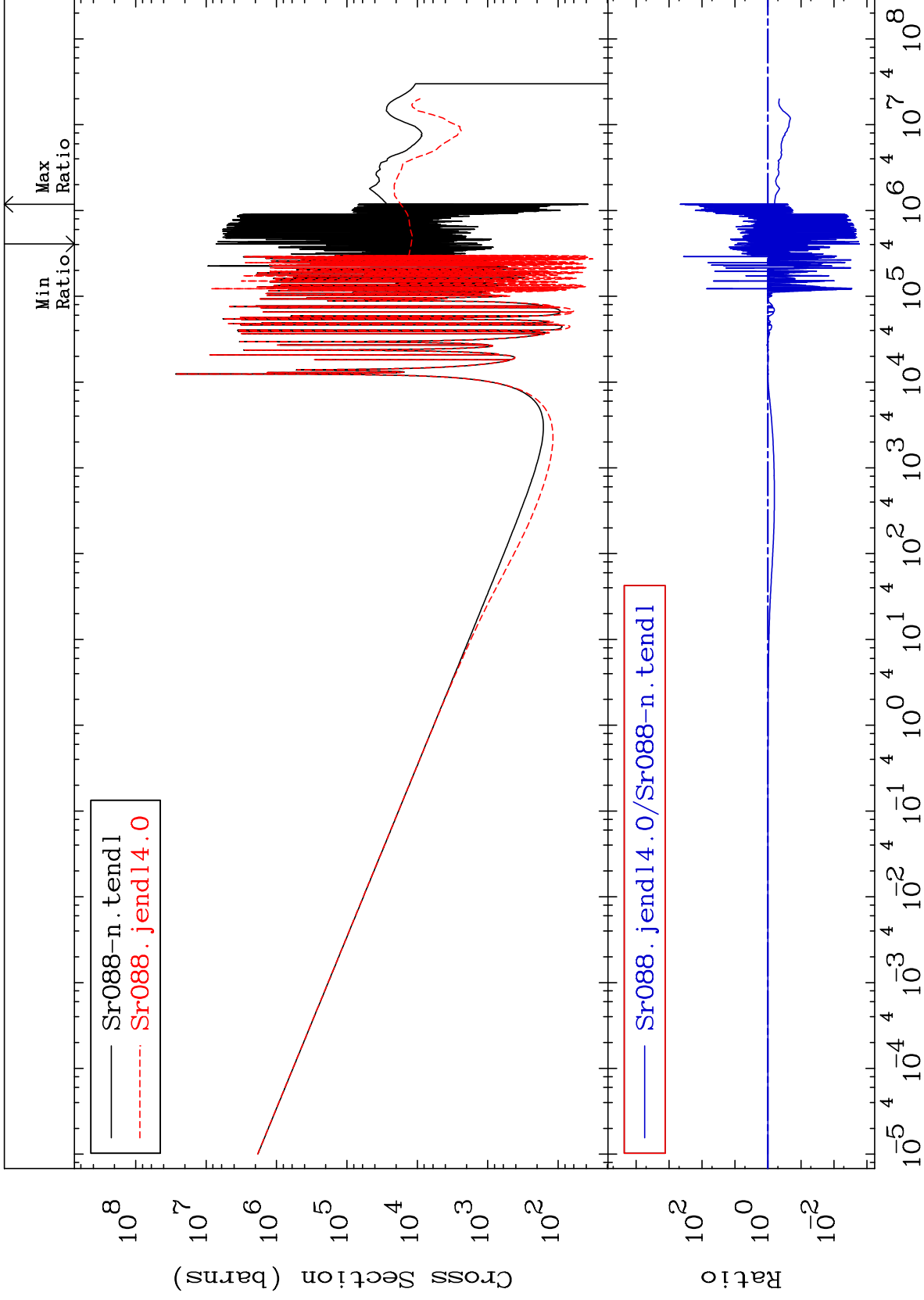
38-Sr-88  
-21.52 To 9.151 %



50

Incident Energy (eV)

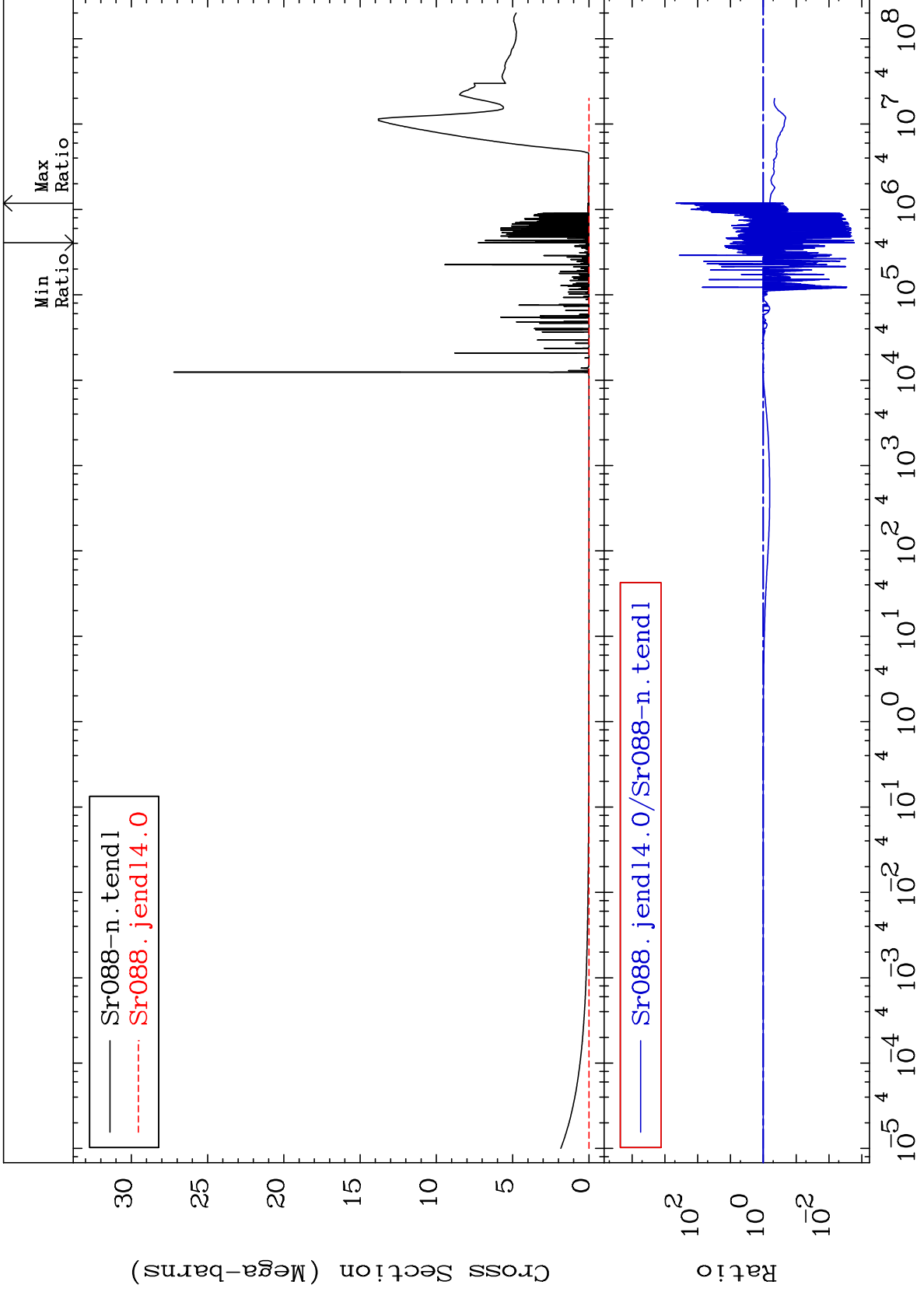
38-Sr-88



MAT 3837

Total photon (eV-barns)  
Cross Section

38-Sr-88  
-99.83 To 9999. %



52

Incident Energy (eV)

38-Sr-88

