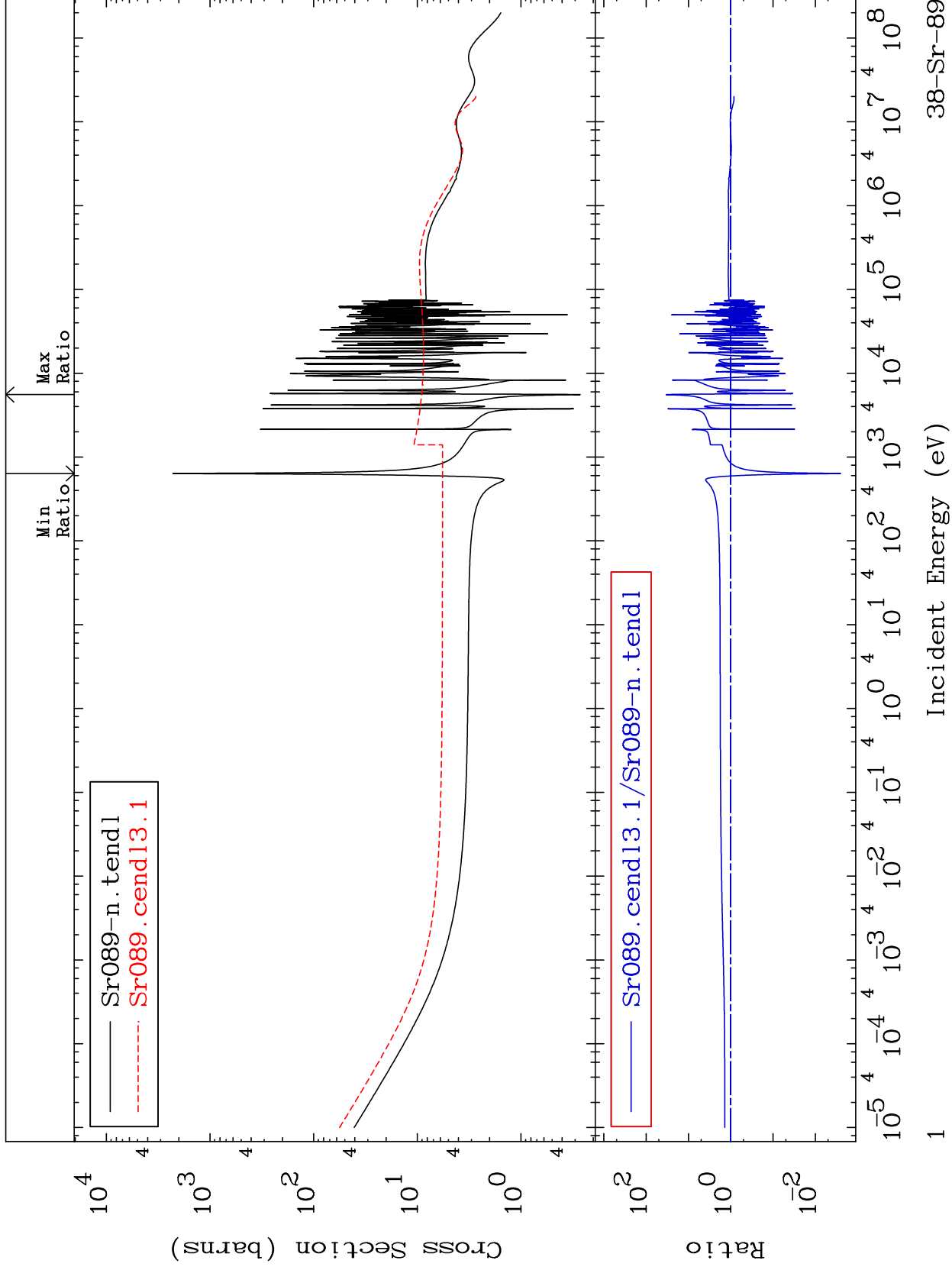


MAT 3840

Total  
Cross Section

38-Sr-89  
-99.75 To 3303. %



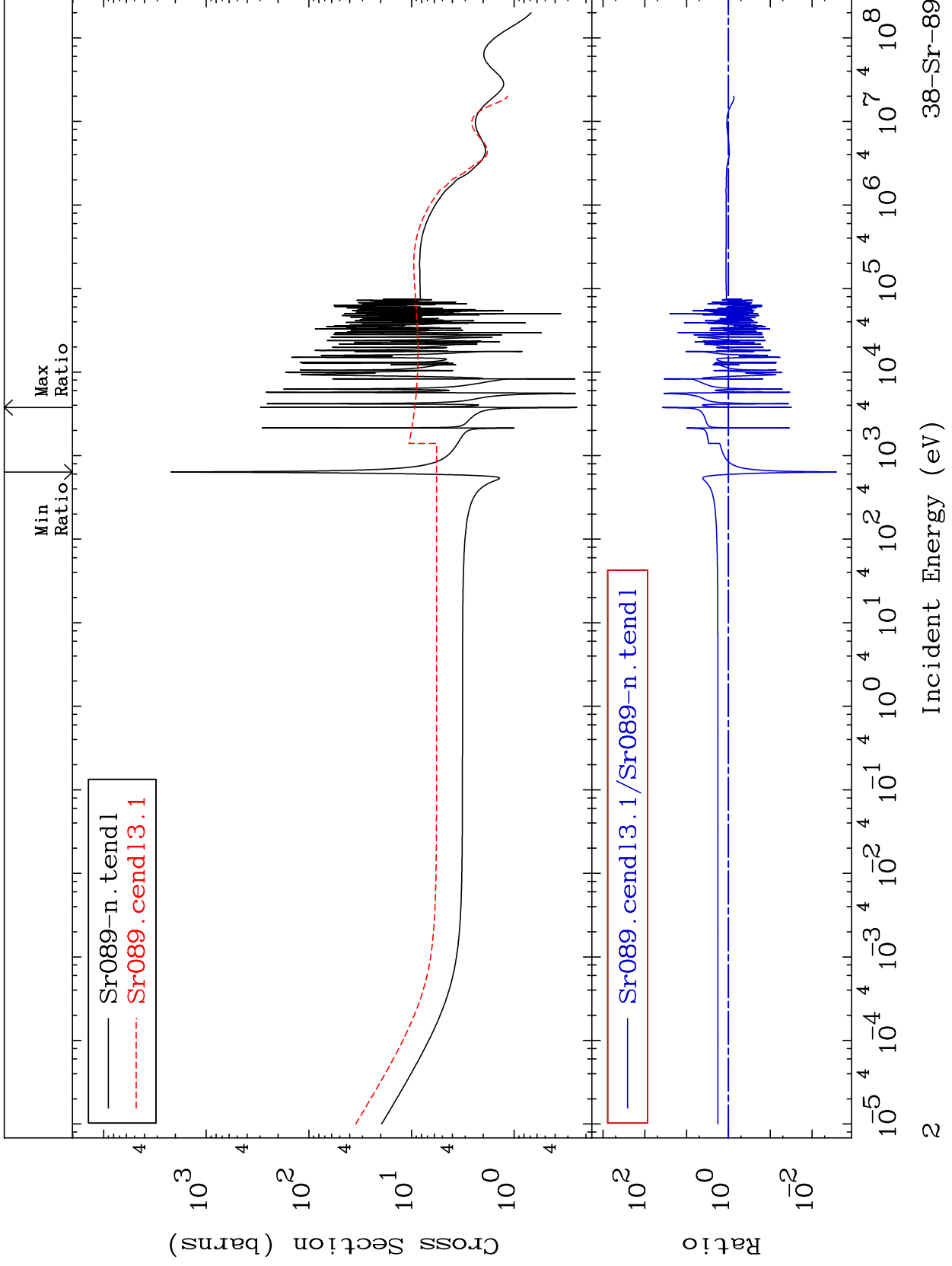
38-Sr-89

Incident Energy (eV)

MAT 3840

Elastic  
Cross Section

38-Sr-89  
-99.74 To 3708. %



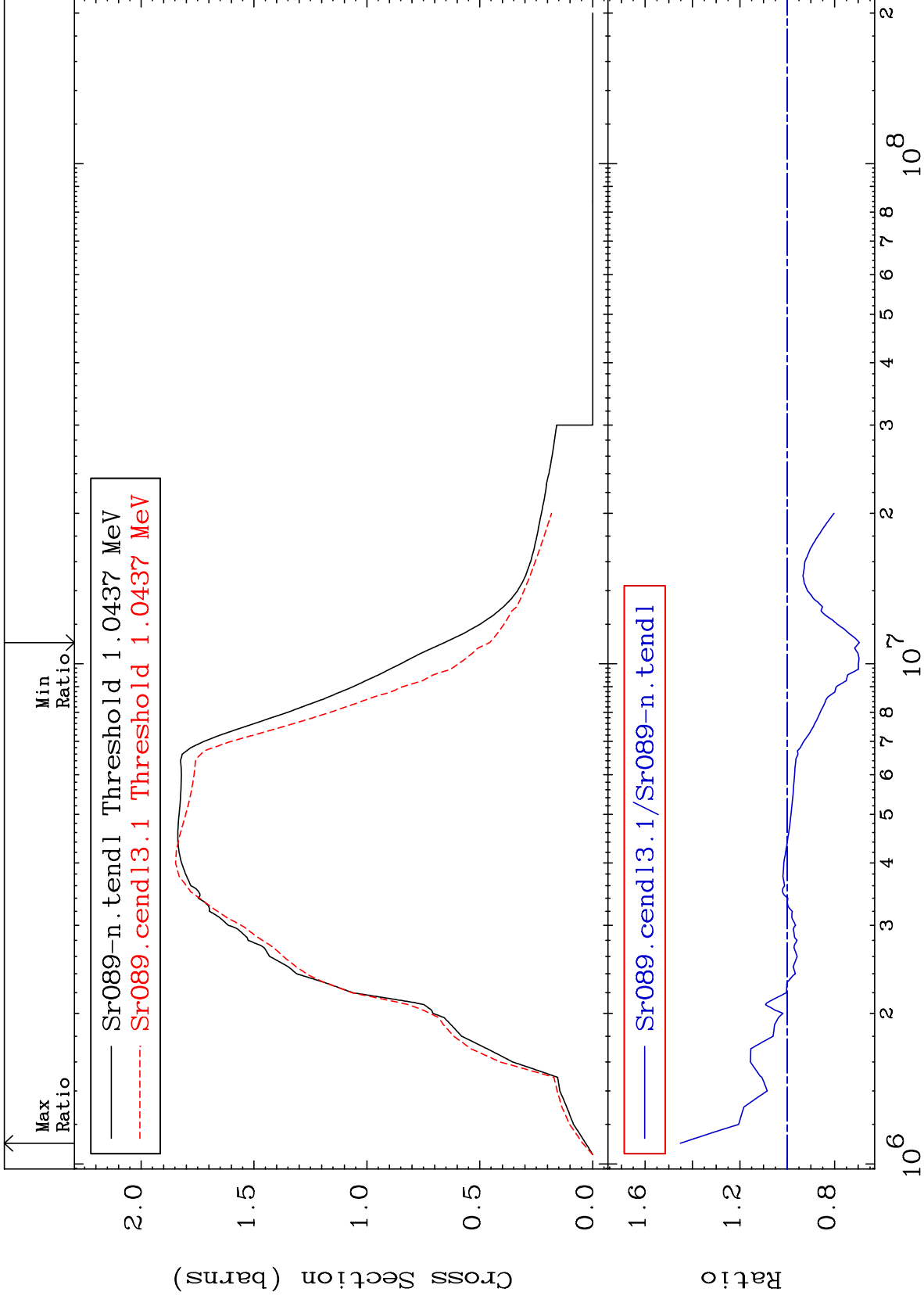
38-Sr-89

Incident Energy (eV)

MAT 3840

Inelastic  
Cross Section

38-Sr-89  
-30.50 To 45.12 %



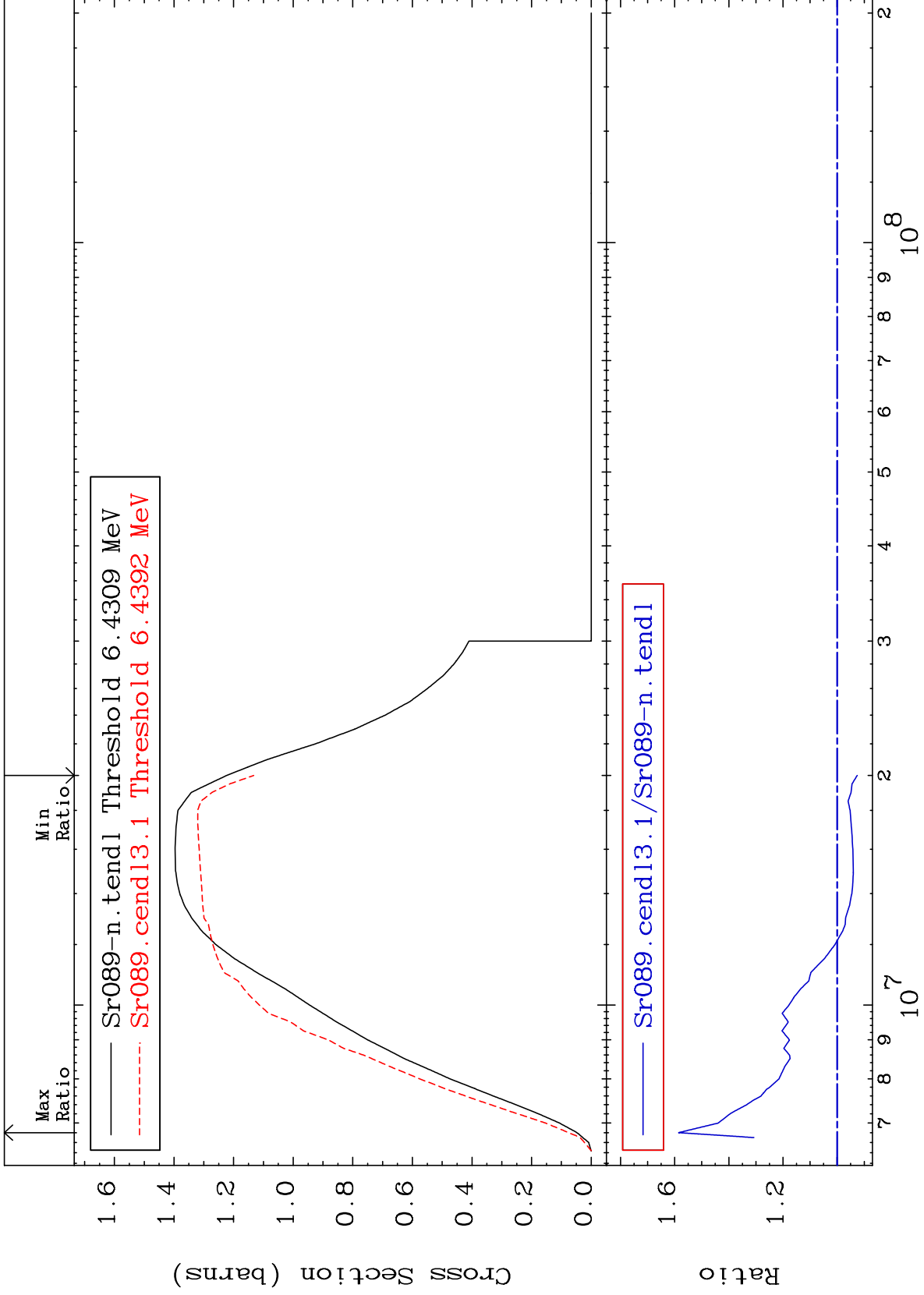
38-Sr-89

38-Sr-89

MAT 3840

(n,2n)  
Cross Section

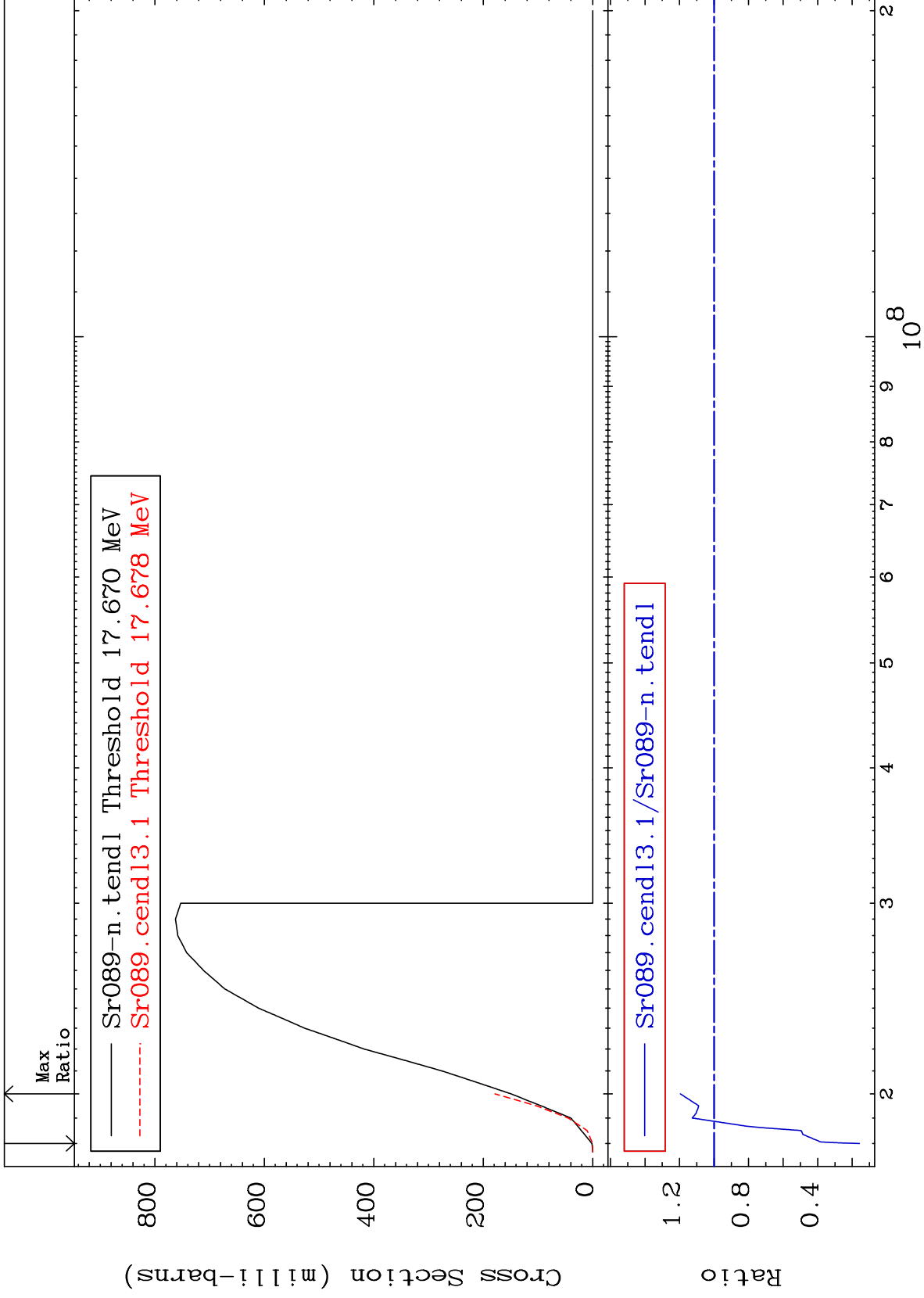
38-Sr-89  
-7.423 To 58.53 %



MAT 3840

(n,3n)  
Cross Section

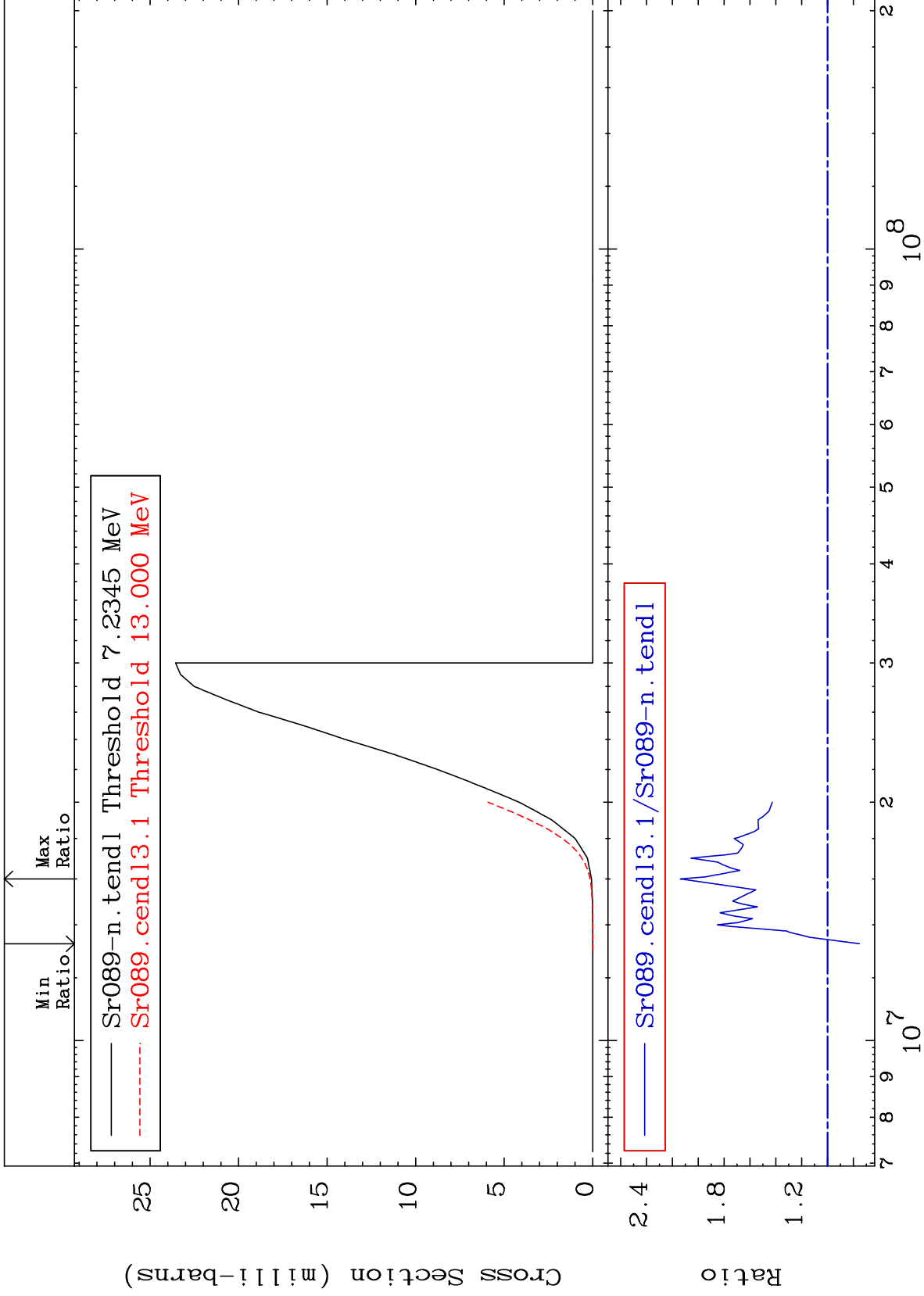
38-Sr-89  
-84.18 To 19.51 %



MAT 3840

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

38-Sr-89  
-24.74 To 113.8 %



6

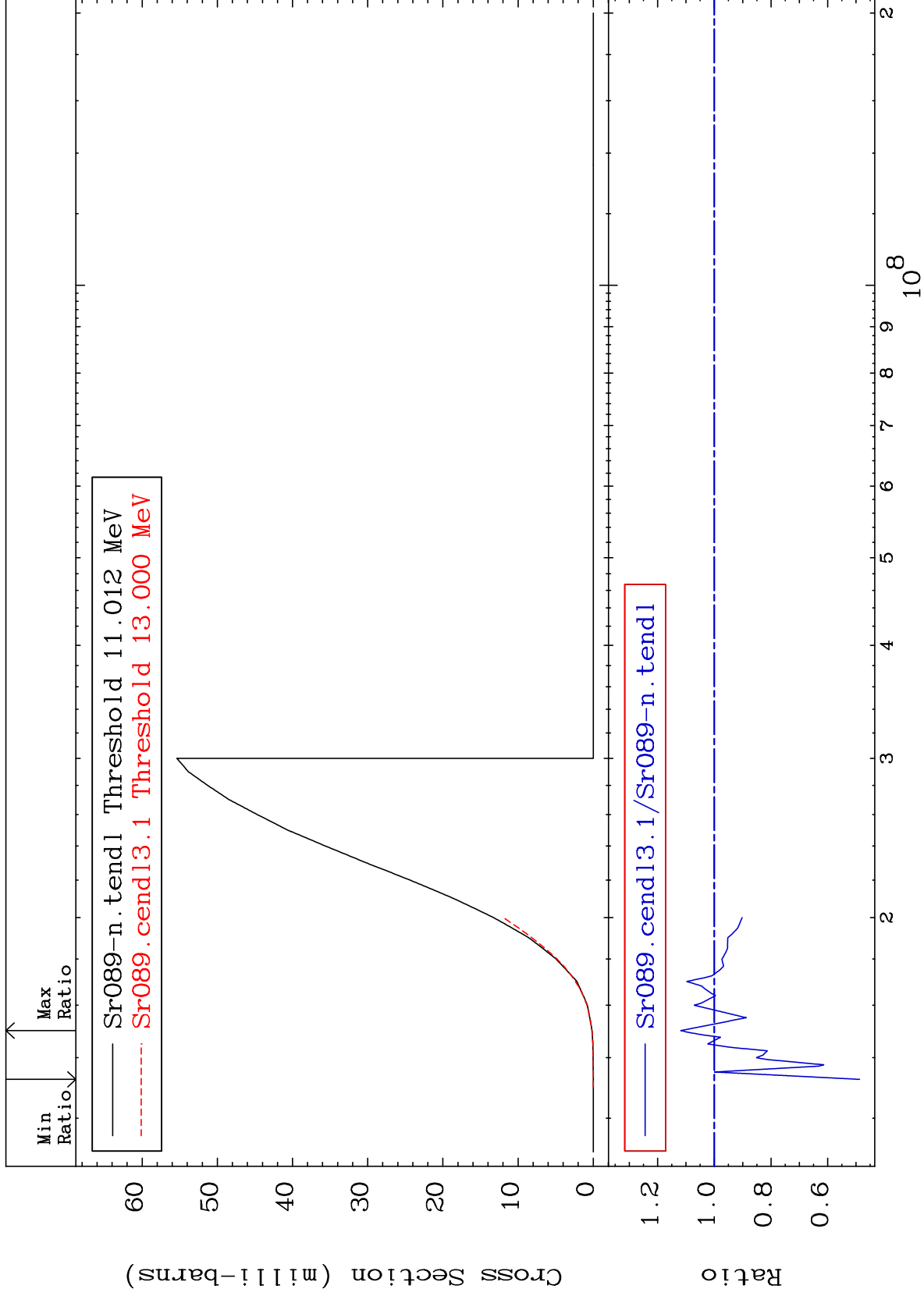
Incident Energy (eV)

38-Sr-89

MAT 3840

(n,n') p  
Cross Section

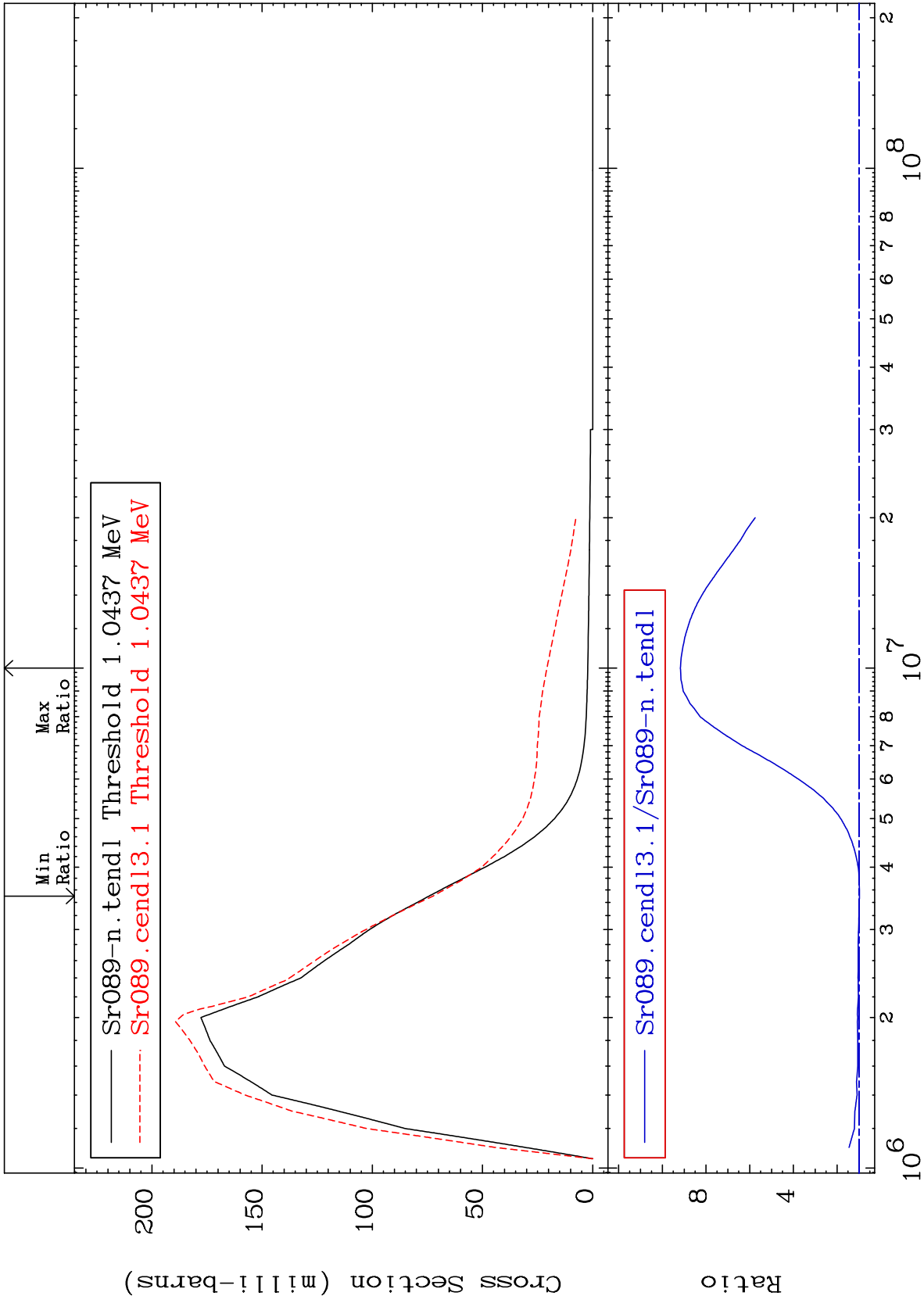
38-Sr-89  
-51.24 To 11.84 %



MAT 3840

1.032 MeV (n,n') Level  
Cross Section

38-Sr-89  
-2.381 To 817.6 %



38-Sr-89

Incident Energy (eV)

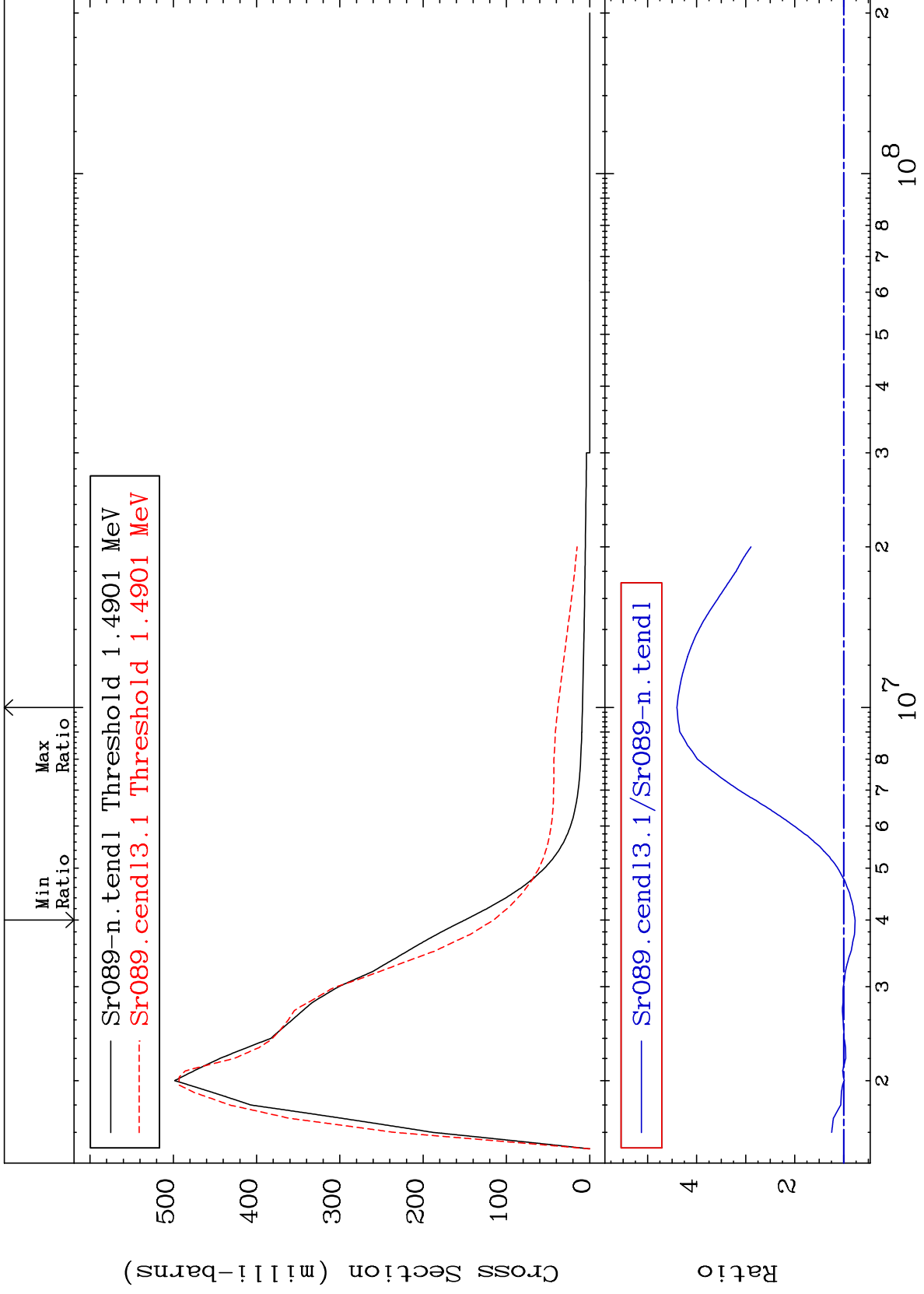
8



MAT 3840

1.473 MeV (n,n') Level  
Cross Section

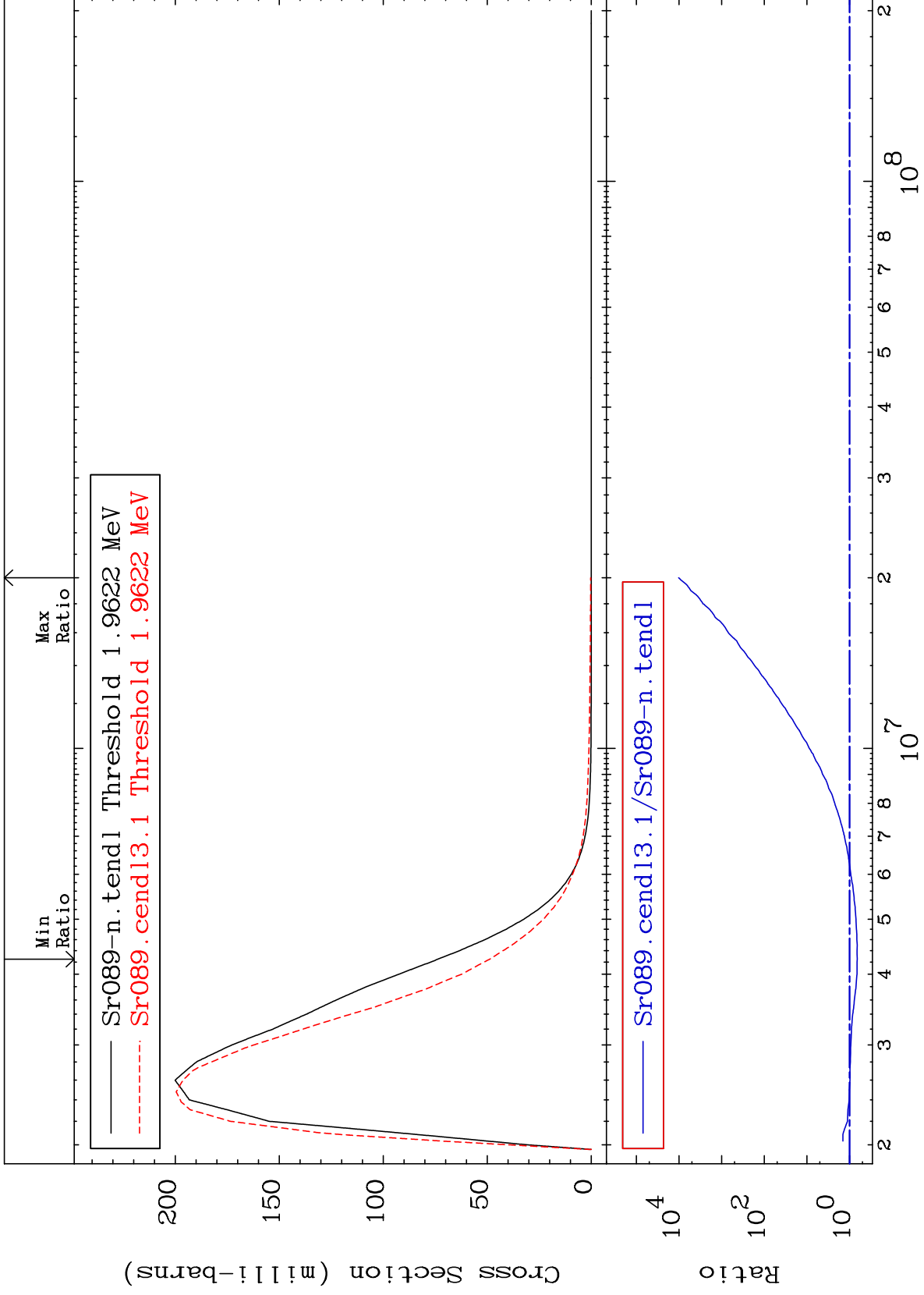
38-Sr-89  
-23.09 To 340.3 %



MAT 3840

1.940 MeV (n,n') Level  
Cross Section

38-Sr-89  
-33.77 To 9999. %



10

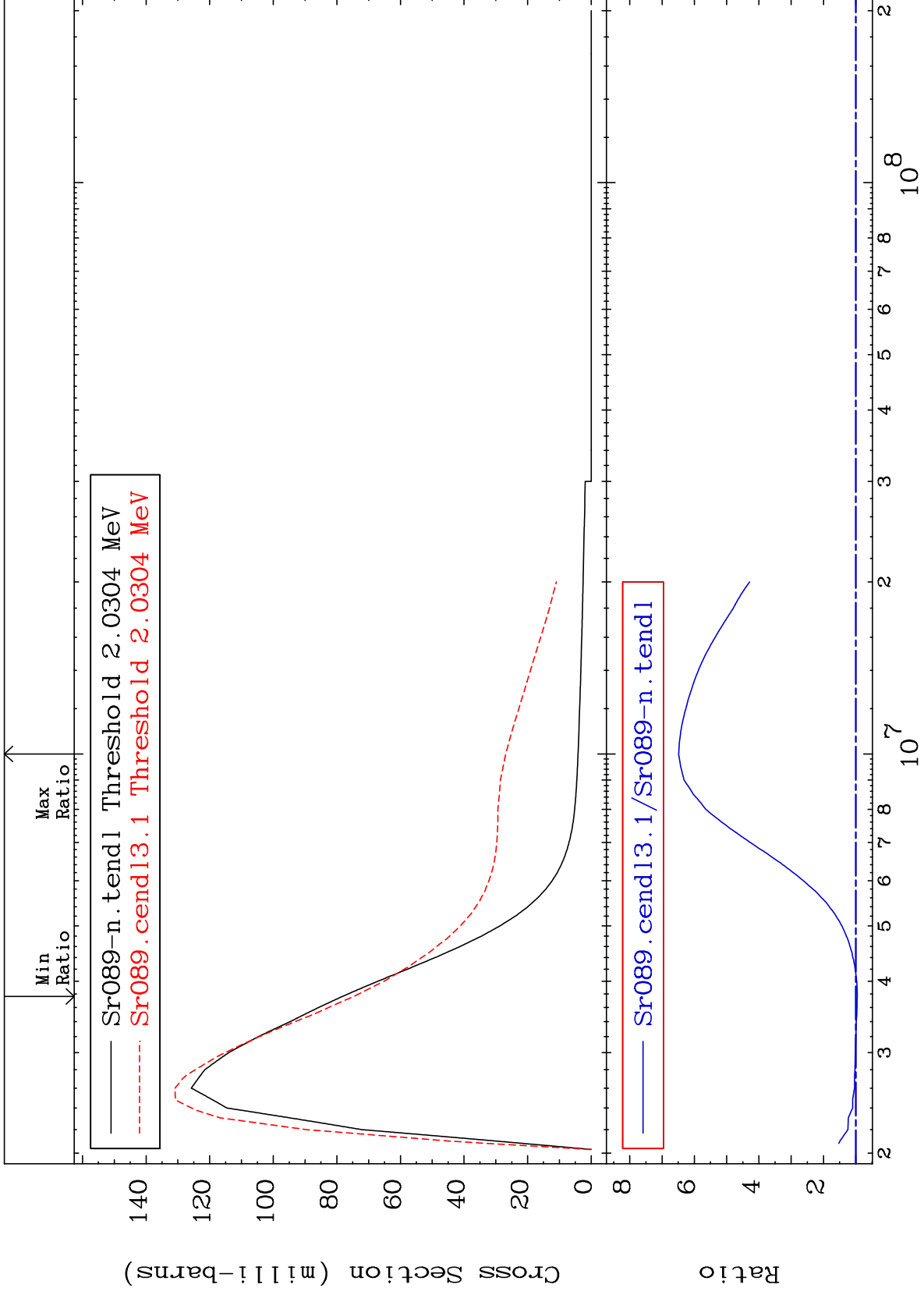
Incident Energy (eV)

38-Sr-89

MAT 3840

2.008 MeV (n,n') Level  
Cross Section

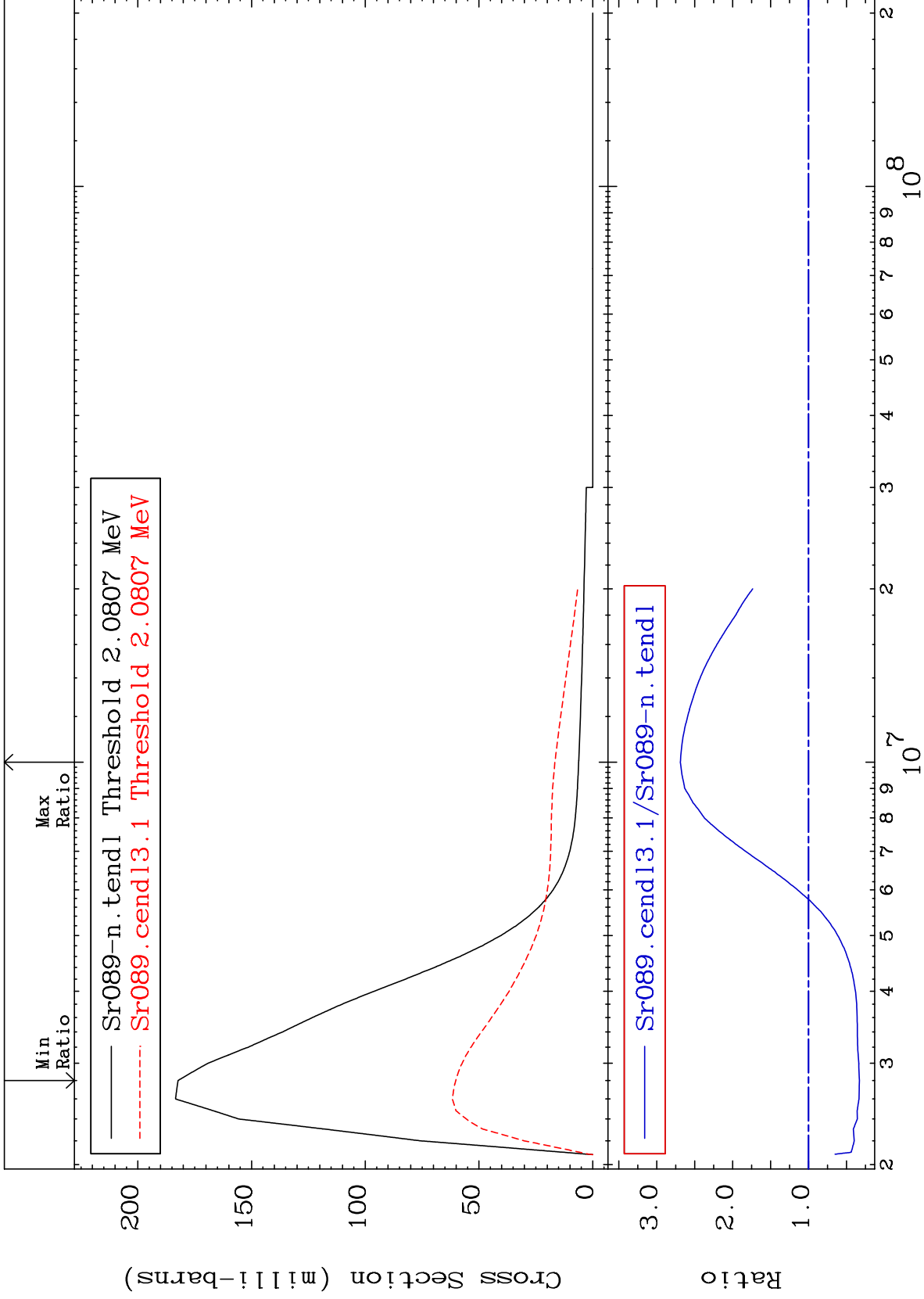
38-Sr-89  
-4.591 To 548.7 %



MAT 3840

2.057 MeV (n,n') Level  
Cross Section

38-Sr-89  
-66.98 To 168.9 %



12

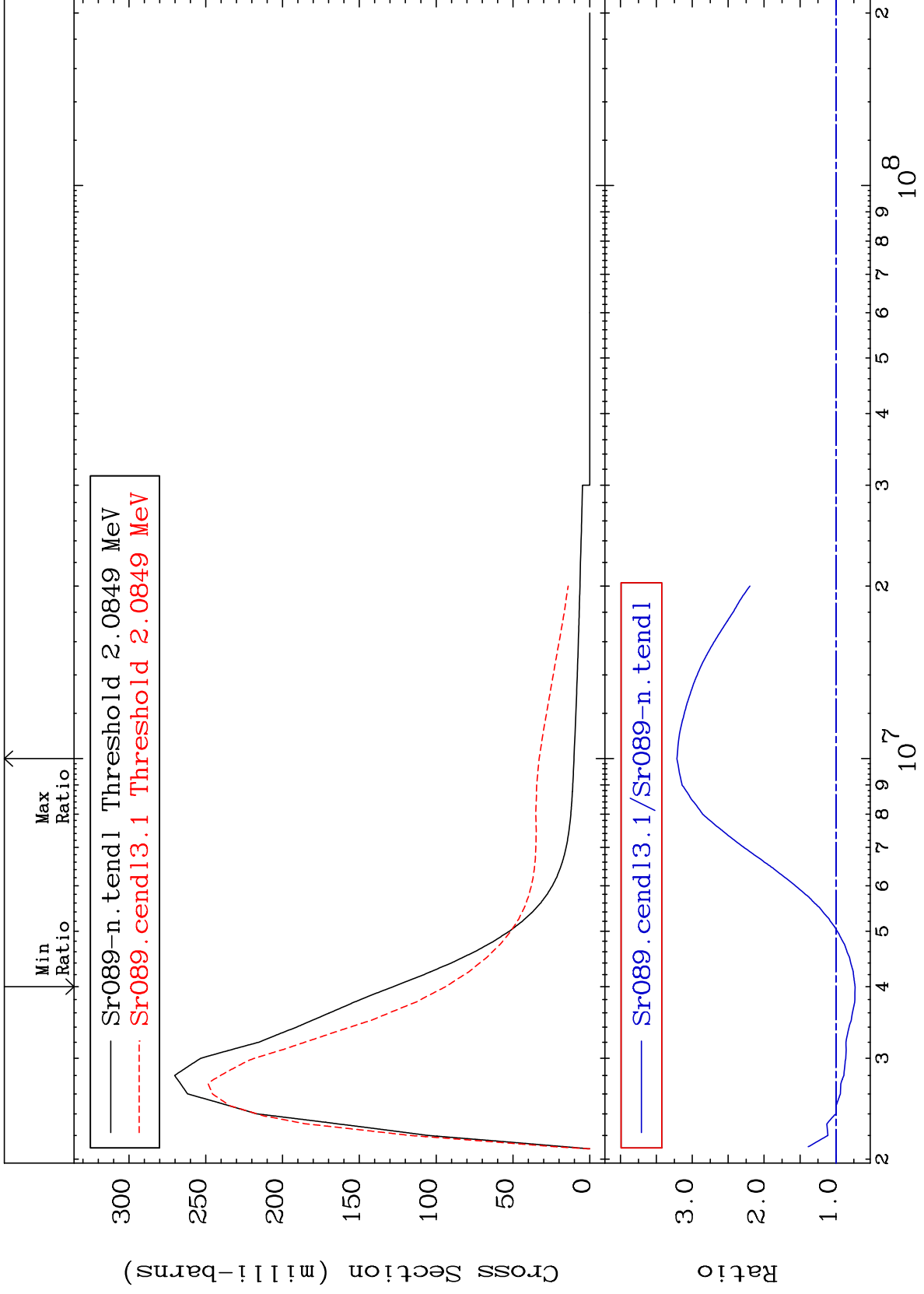
Incident Energy (eV)

38-Sr-89

MAT 3840

2.062 MeV (n,n') Level  
Cross Section

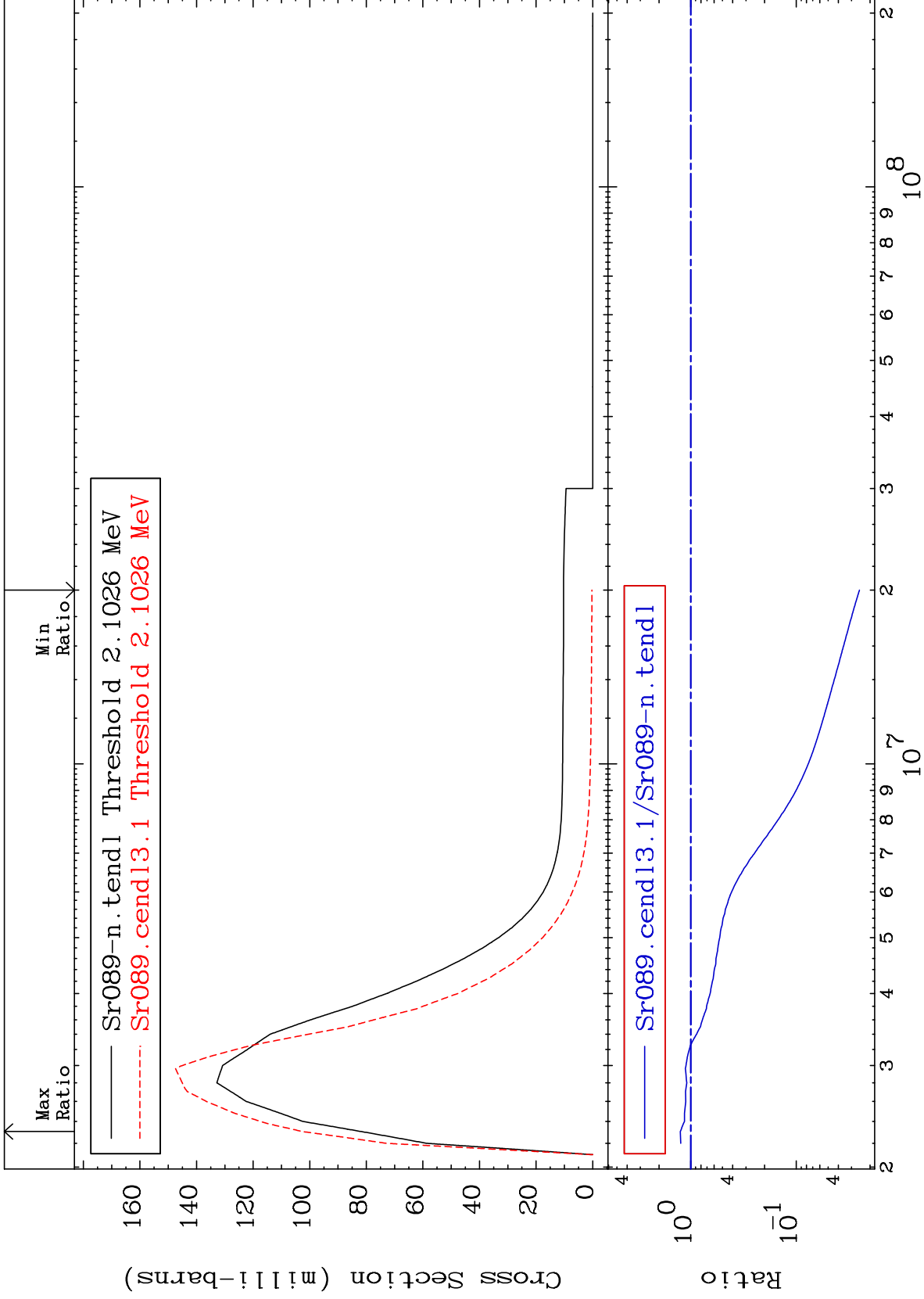
38-Sr-89  
-26.72 To 221.4 %



MAT 3840

2.079 MeV (n,n') Level  
Cross Section

38-Sr-89  
-97.47 To 25.38 %



14

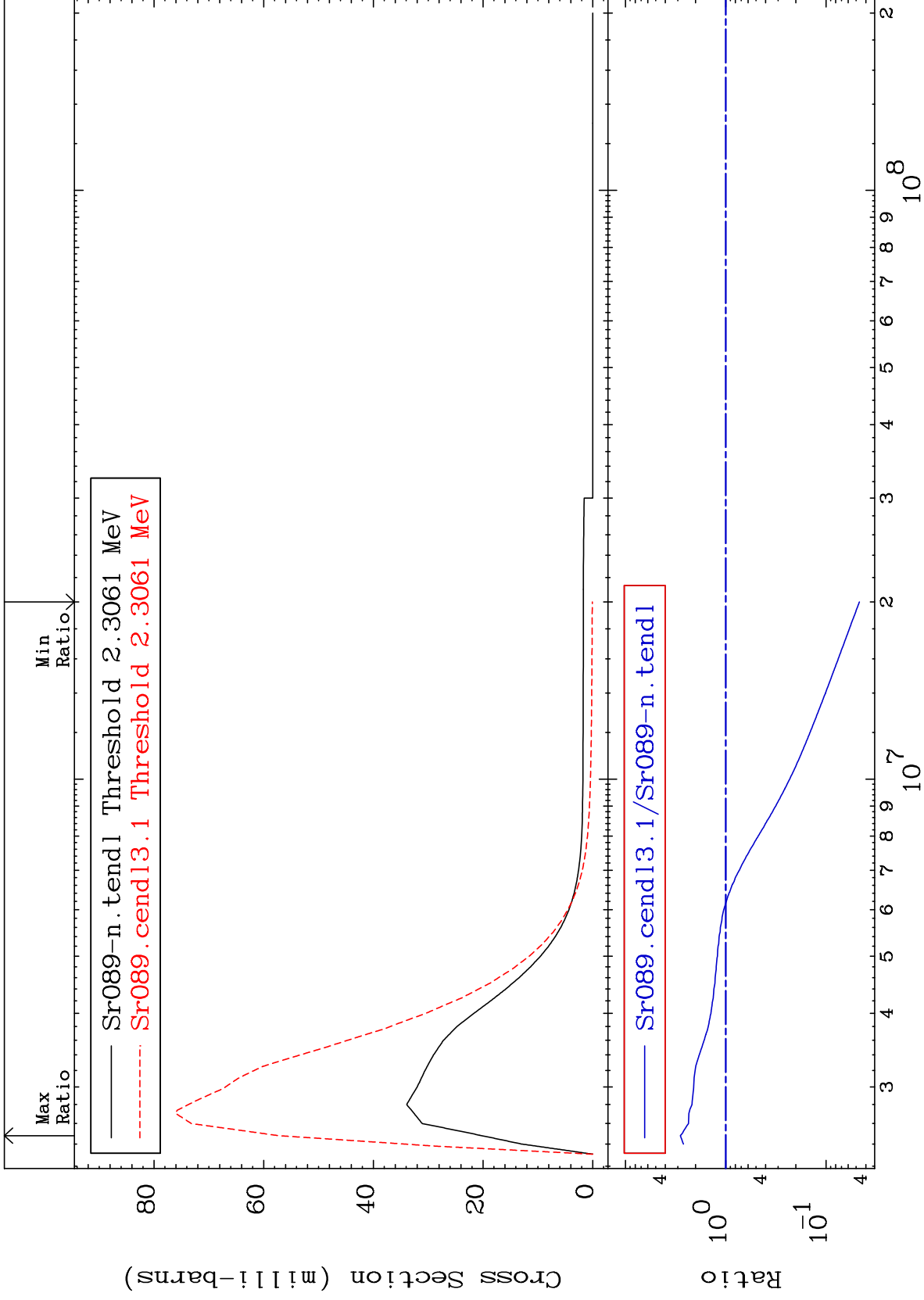
Incident Energy (eV)

38-Sr-89

MAT 3840

2.280 MeV (n,n') Level  
Cross Section

38-Sr-89  
-95.36 To 183.6 %



15

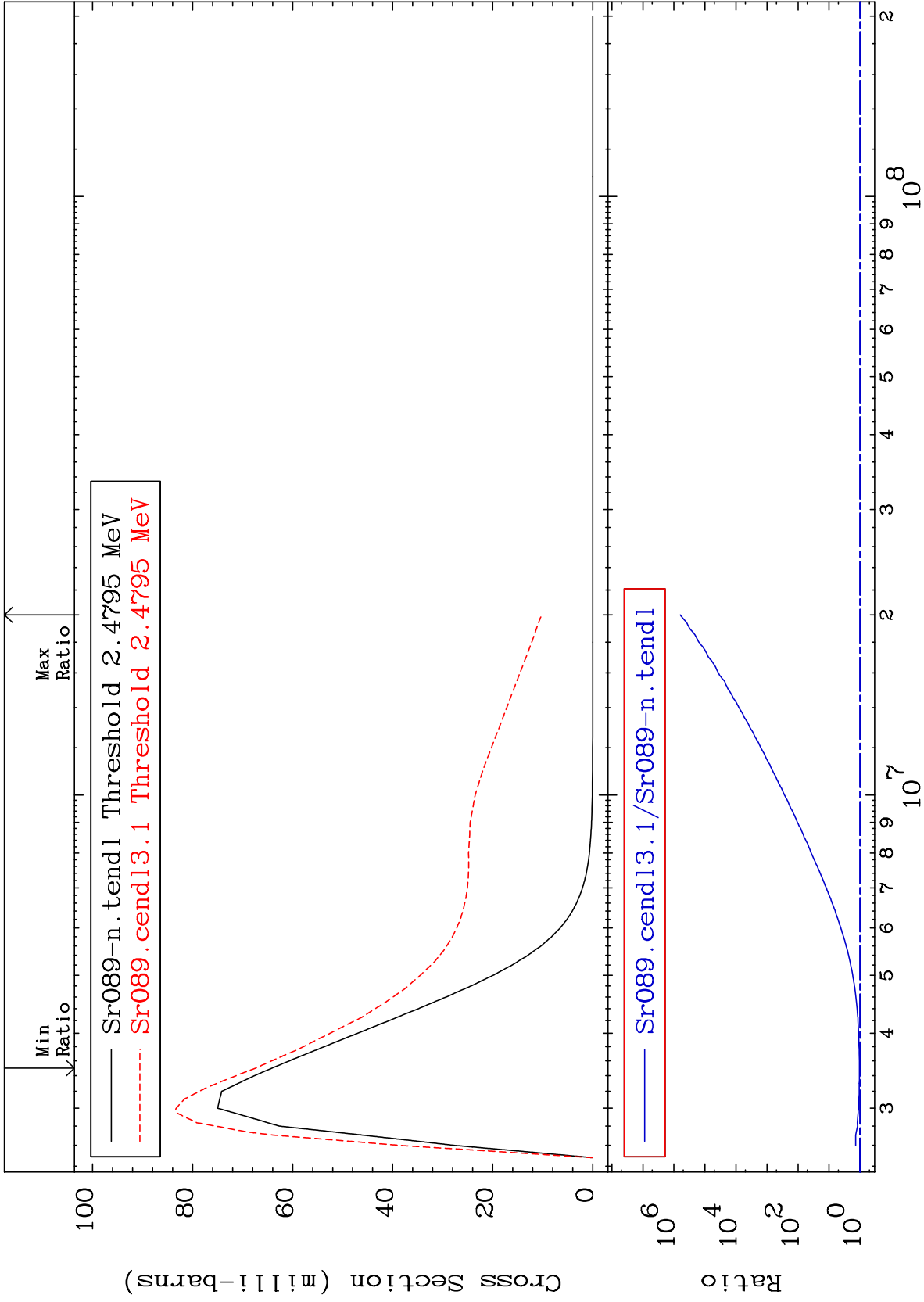
Incident Energy (eV)

38-Sr-89

MAT 3840

2.452 MeV (n,n') Level  
Cross Section

38-Sr-89  
To 9999. %  
5.107

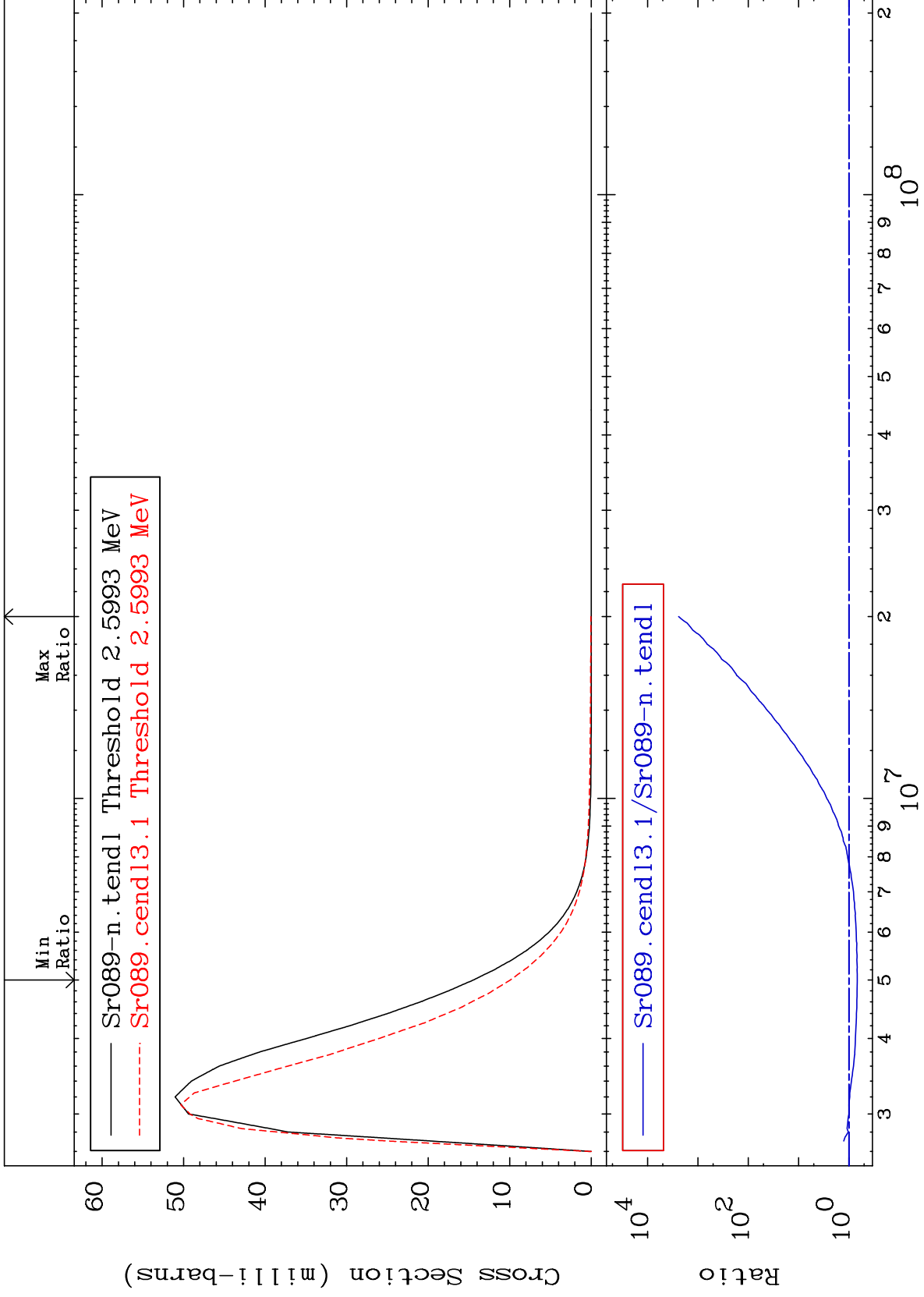




MAT 3840

2.570 MeV (n,n') Level  
Cross Section

38-Sr-89  
-31.49 To 9999. %



17

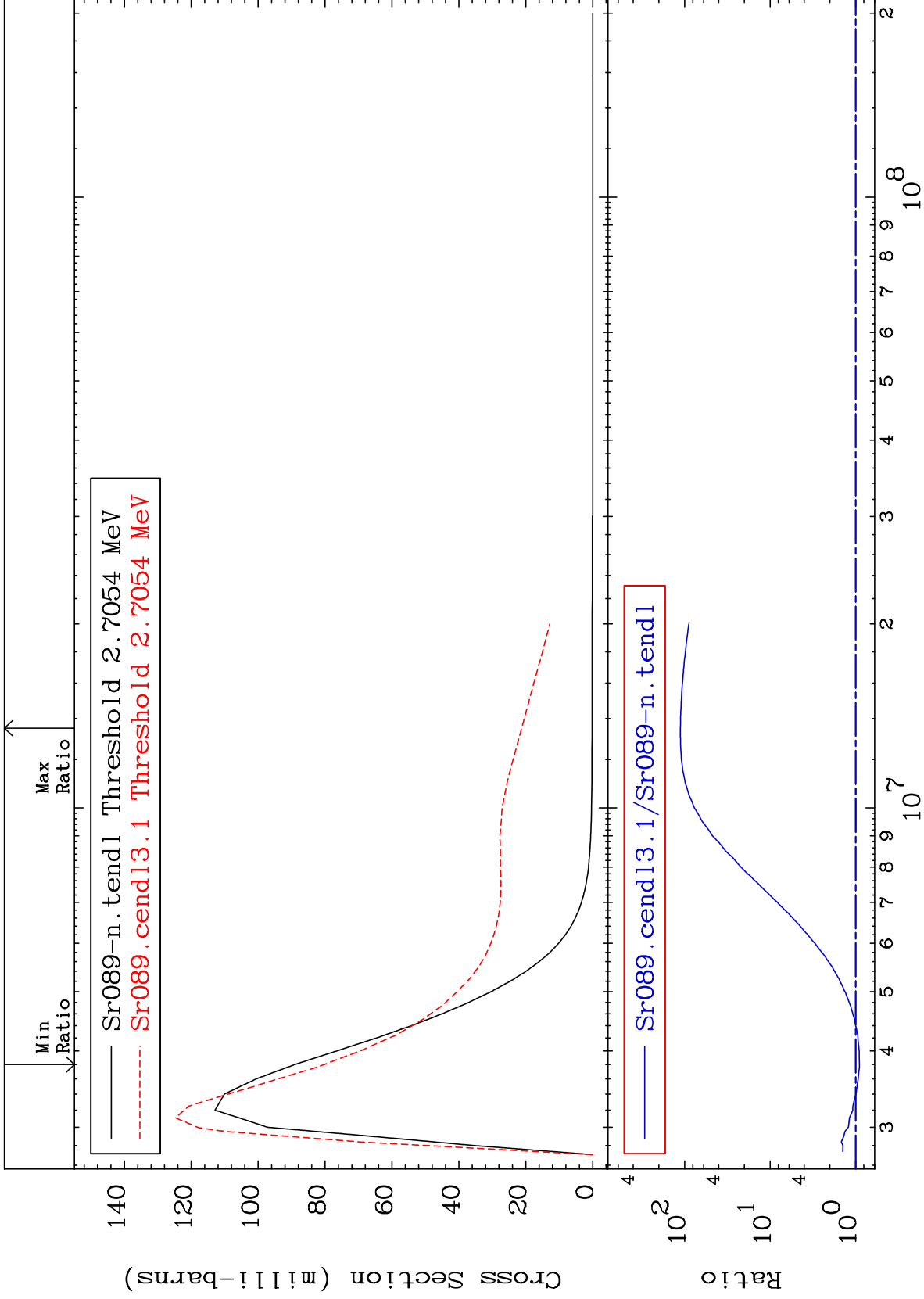
Incident Energy (eV)

38-Sr-89

MAT 3840

2.675 MeV (n,n') Level  
Cross Section

38-Sr-89  
-9.807 To 9999. %



18

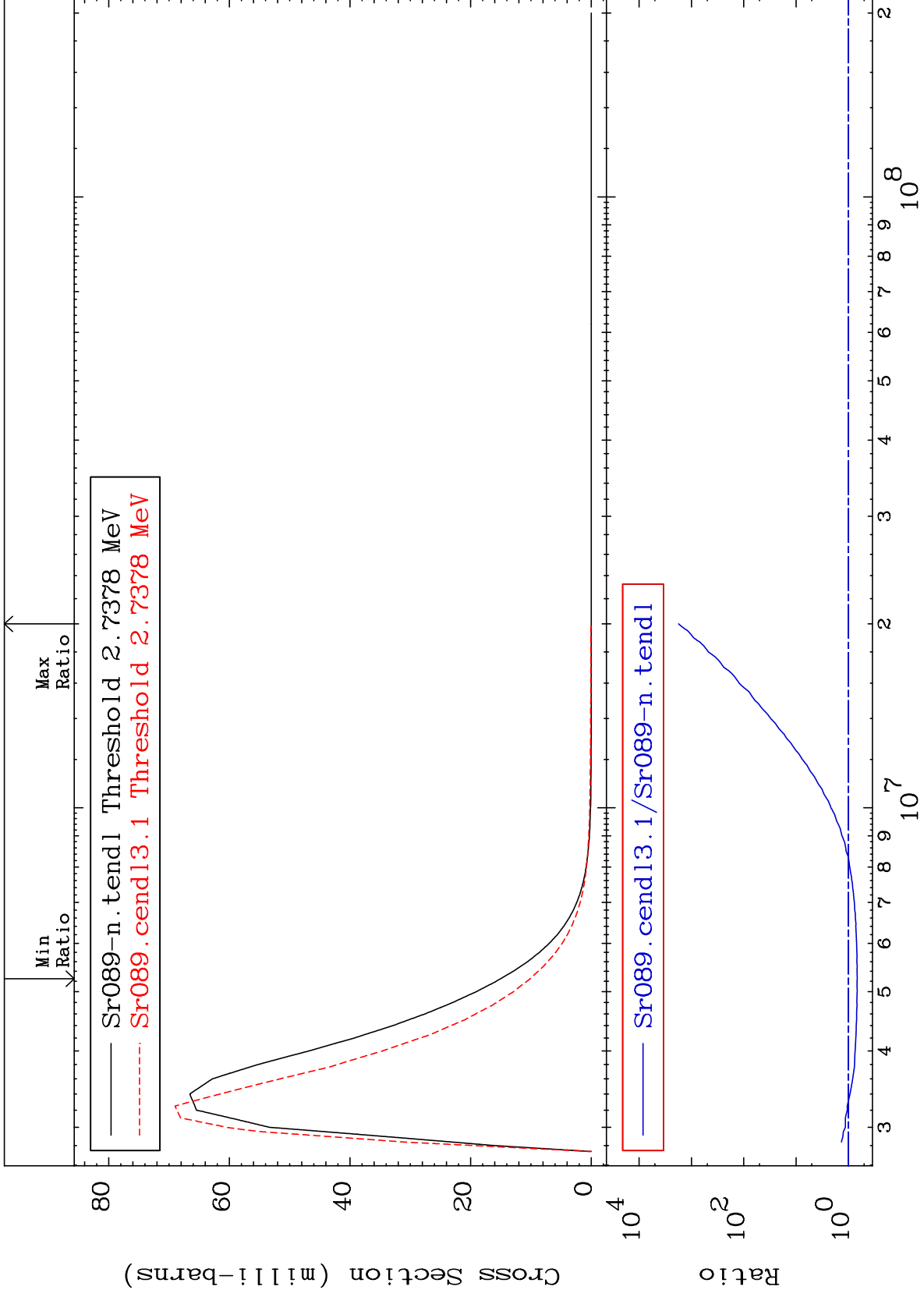
Incident Energy (eV)

38-Sr-89

MAT 3840

2.707 MeV (n,n') Level  
Cross Section

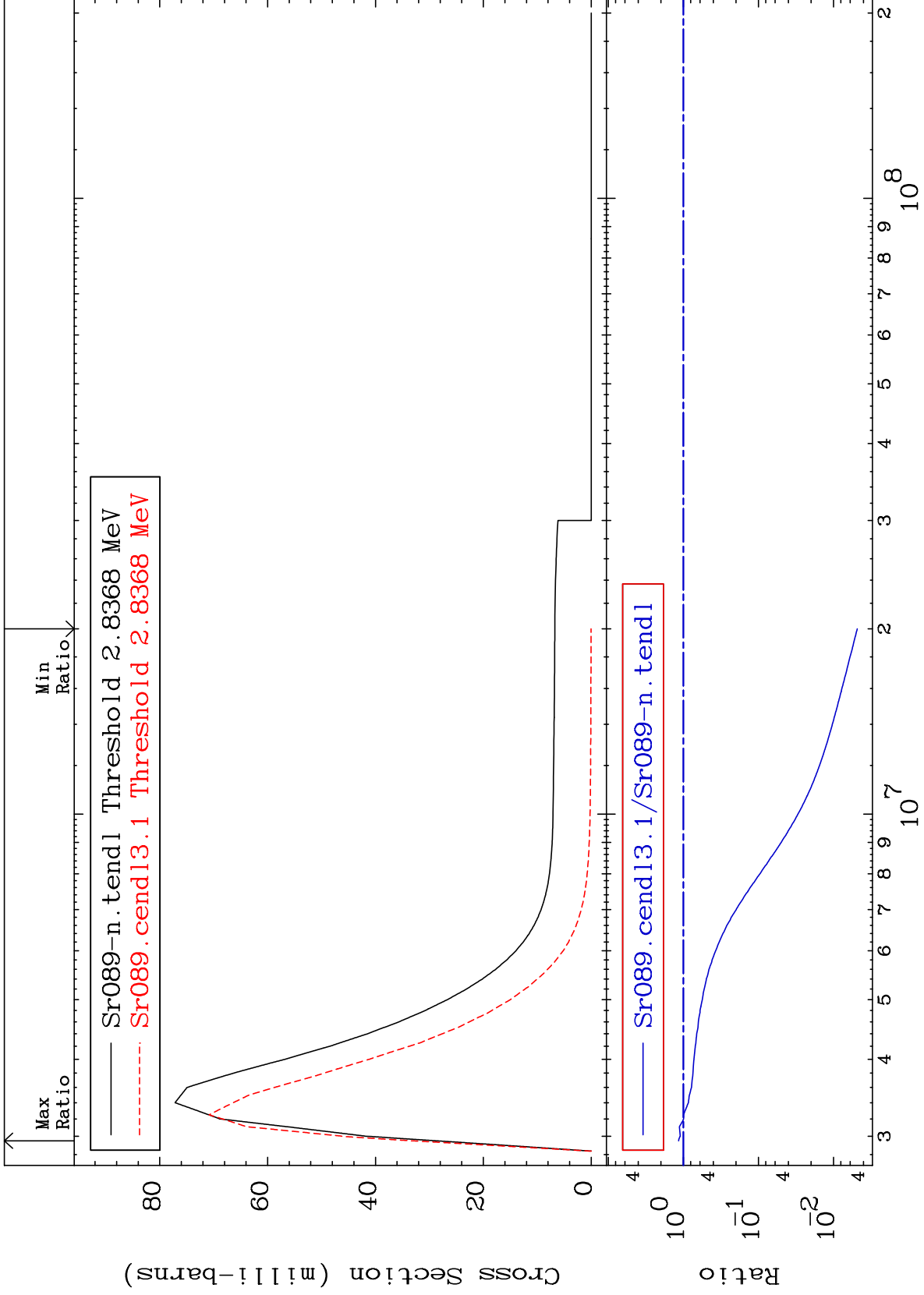
38-Sr-89  
-32.62 To 9999. %



MAT 3840

2.805 MeV (n,n') Level  
Cross Section

38-Sr-89  
-99.52 To 15.89 %



20

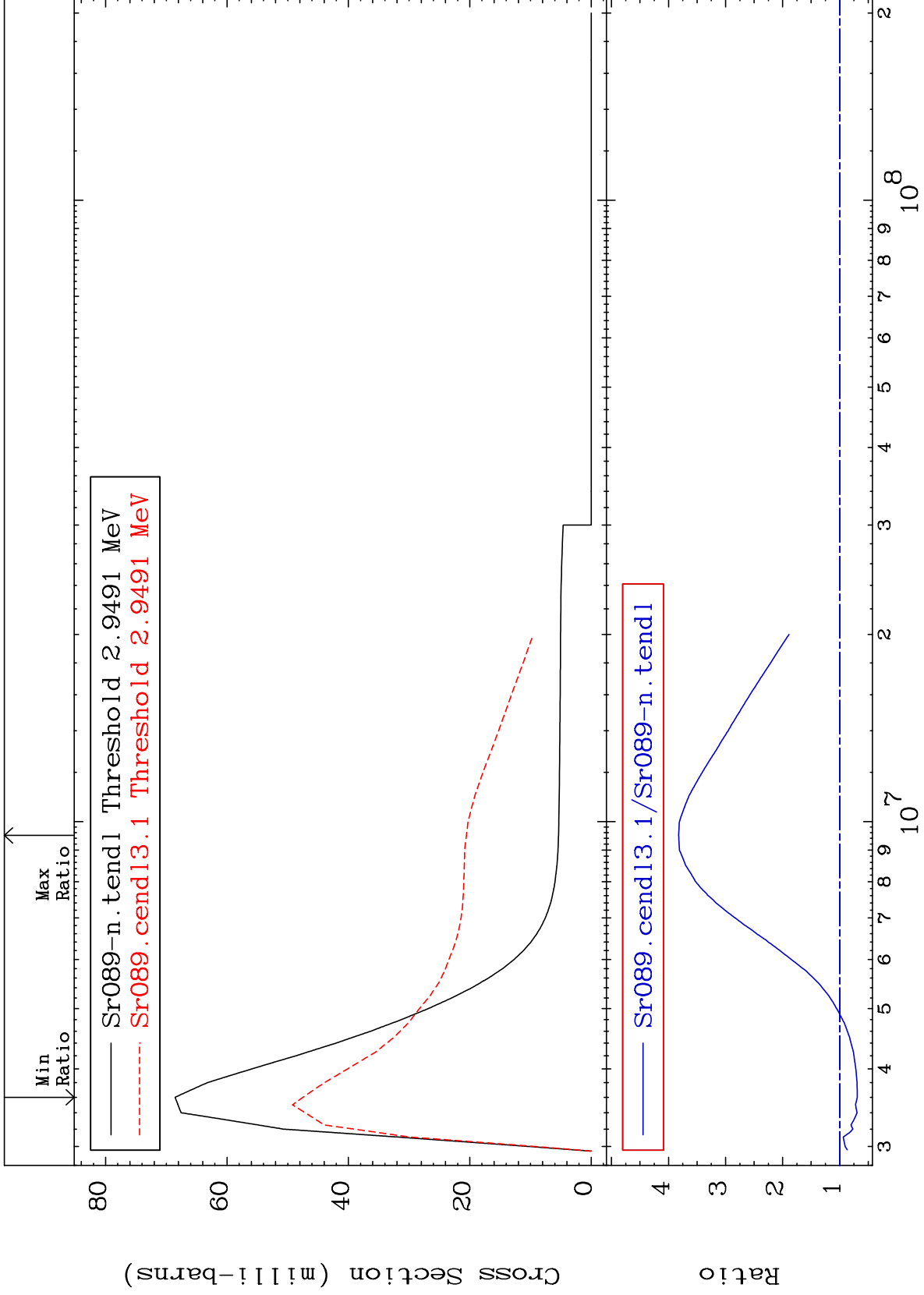
Incident Energy (eV)

38-Sr-89

MAT 3840

2.916 MeV (n,n') Level  
Cross Section

38-Sr-89  
-30.76 To 282.3 %



21

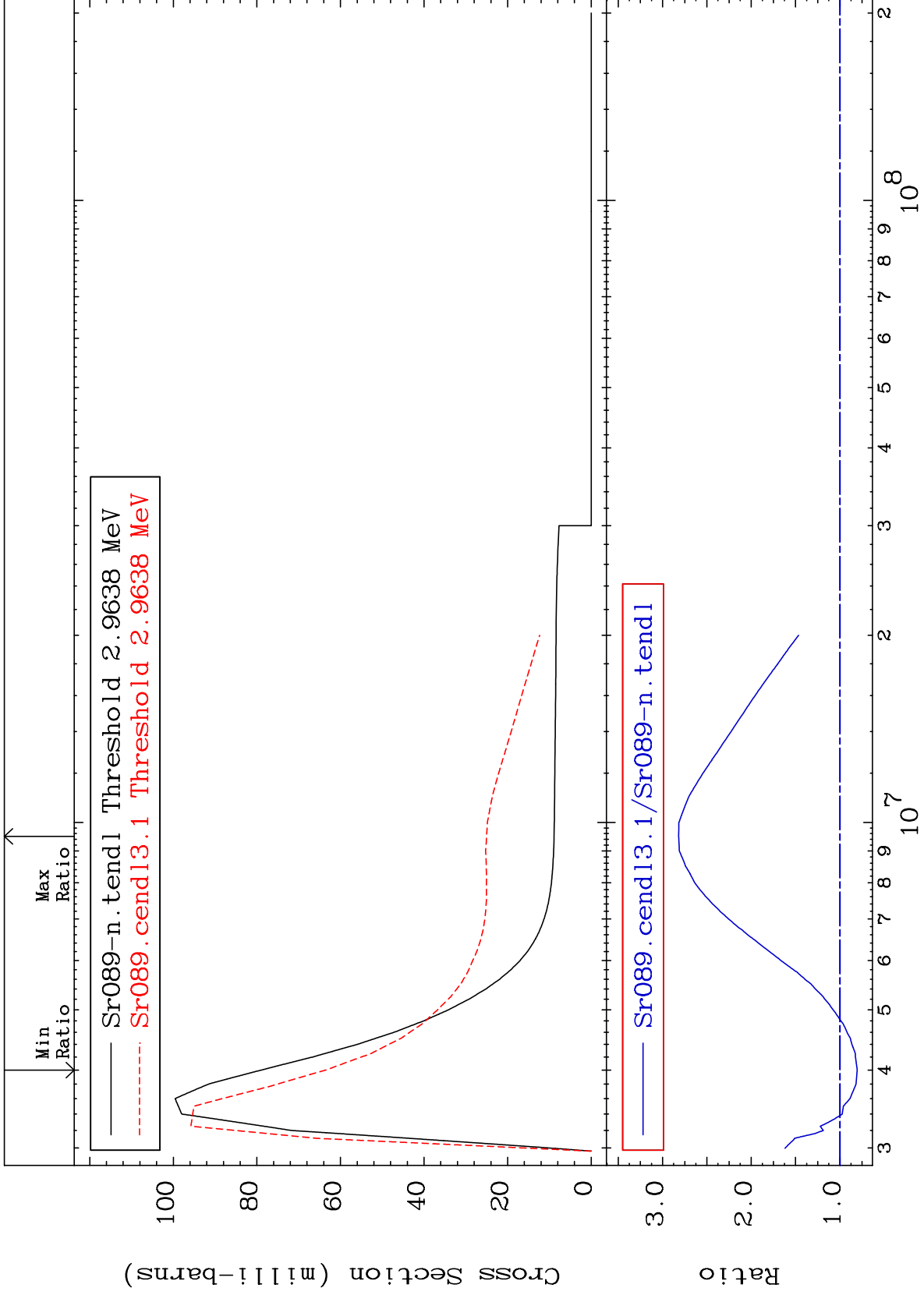
38-Sr-89

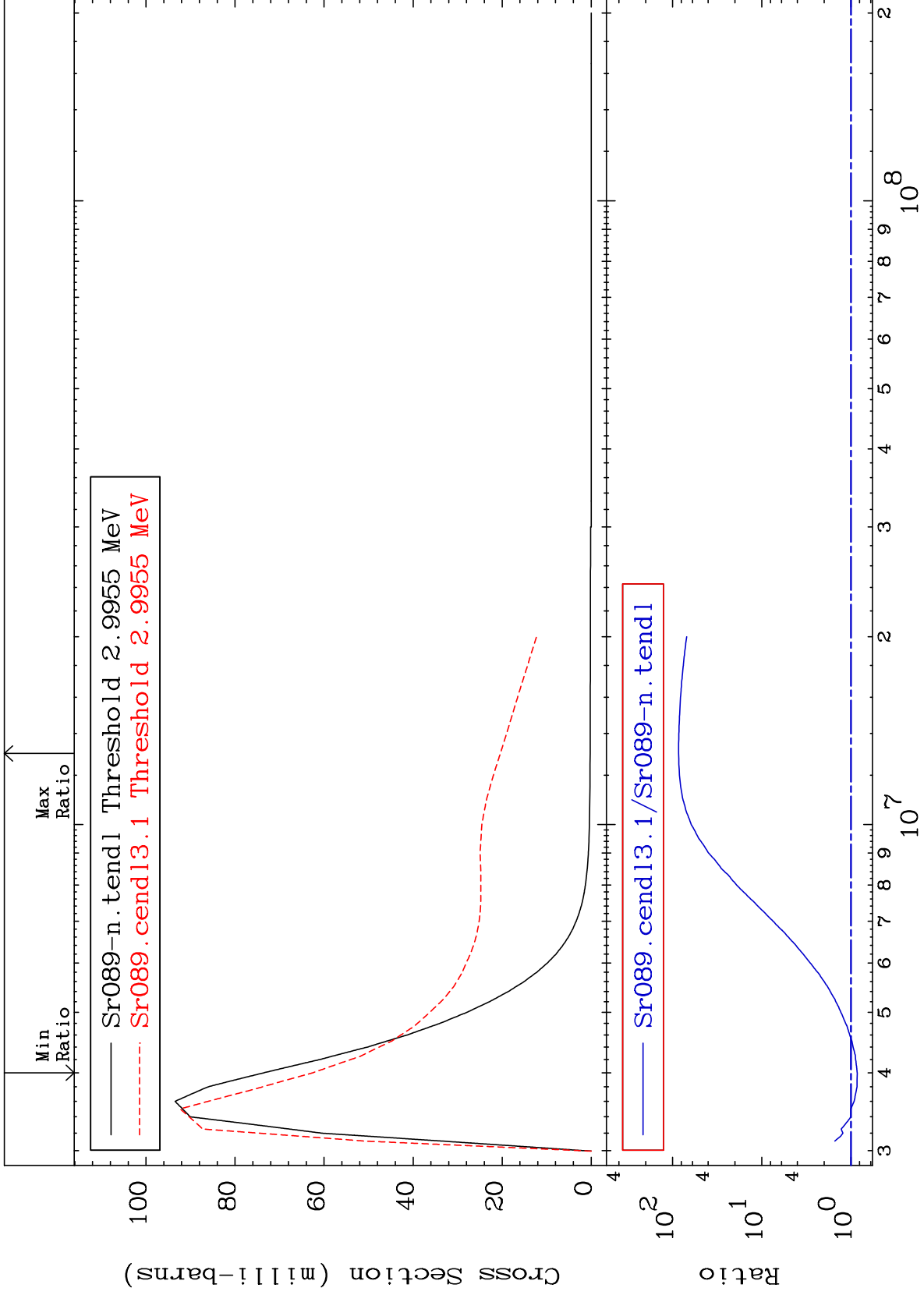
38-Sr-89

MAT 3840

2.931 MeV (n,n') Level  
Cross Section

38-Sr-89  
-19.55 To 181.9 %

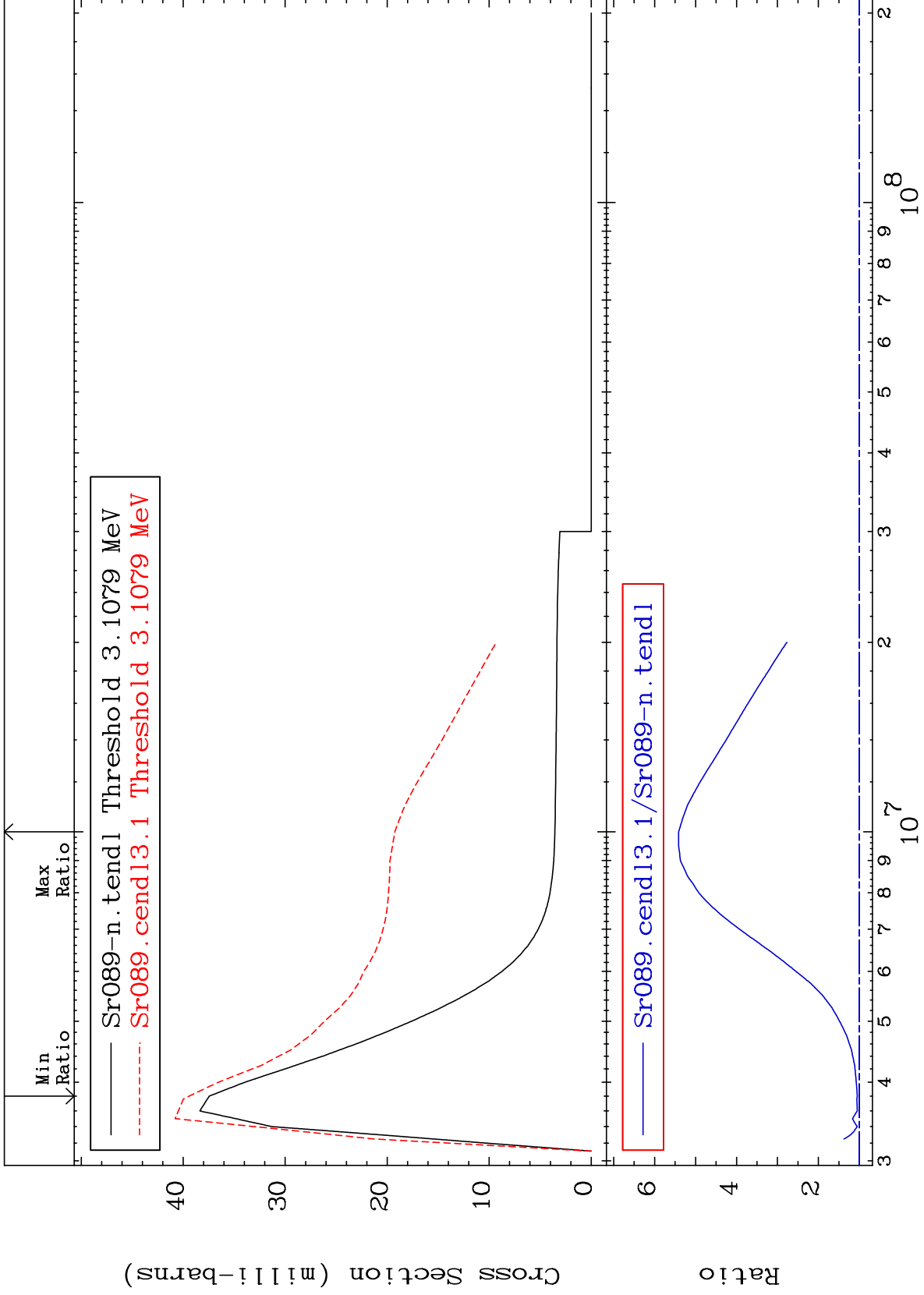




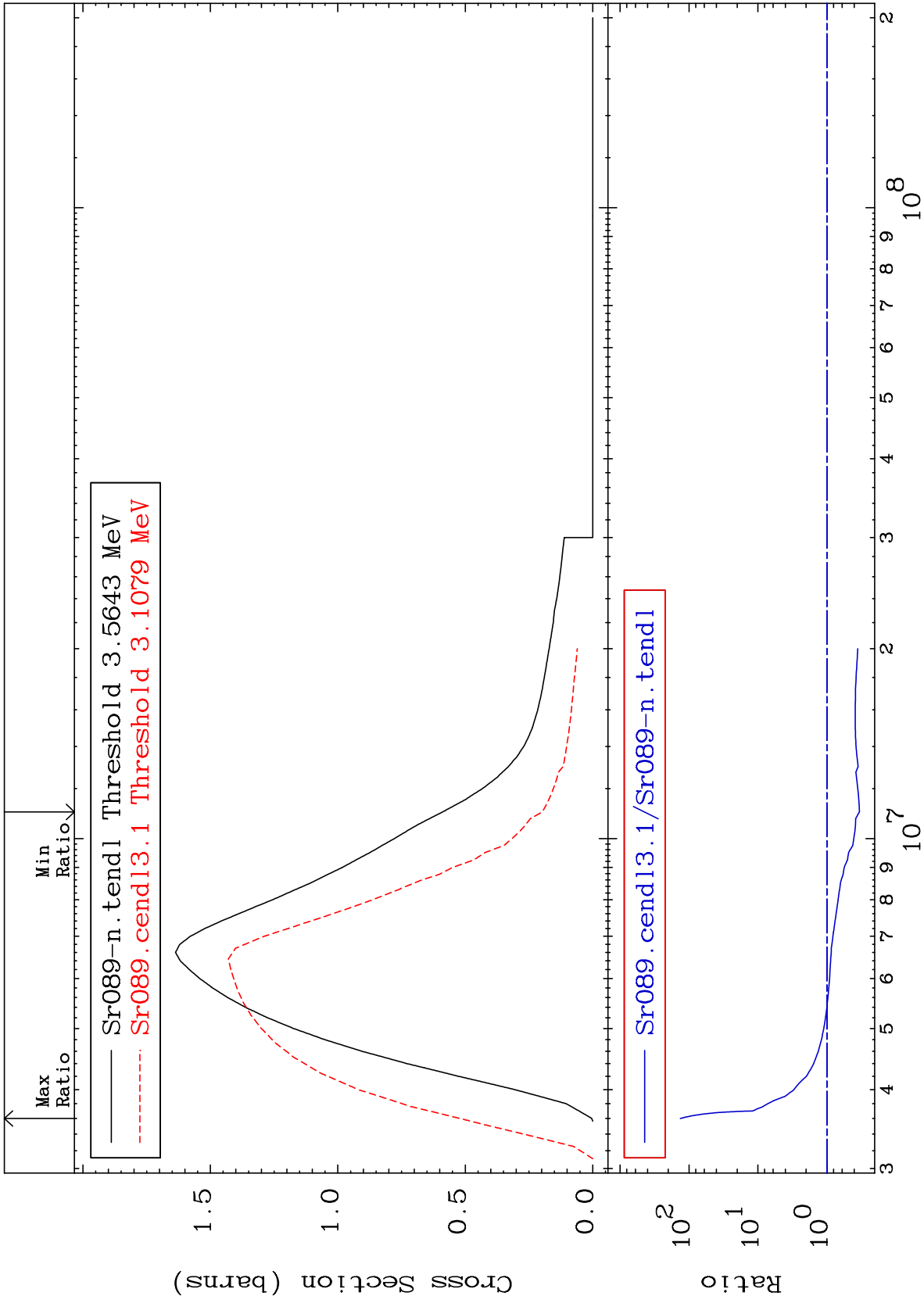
MAT 3840

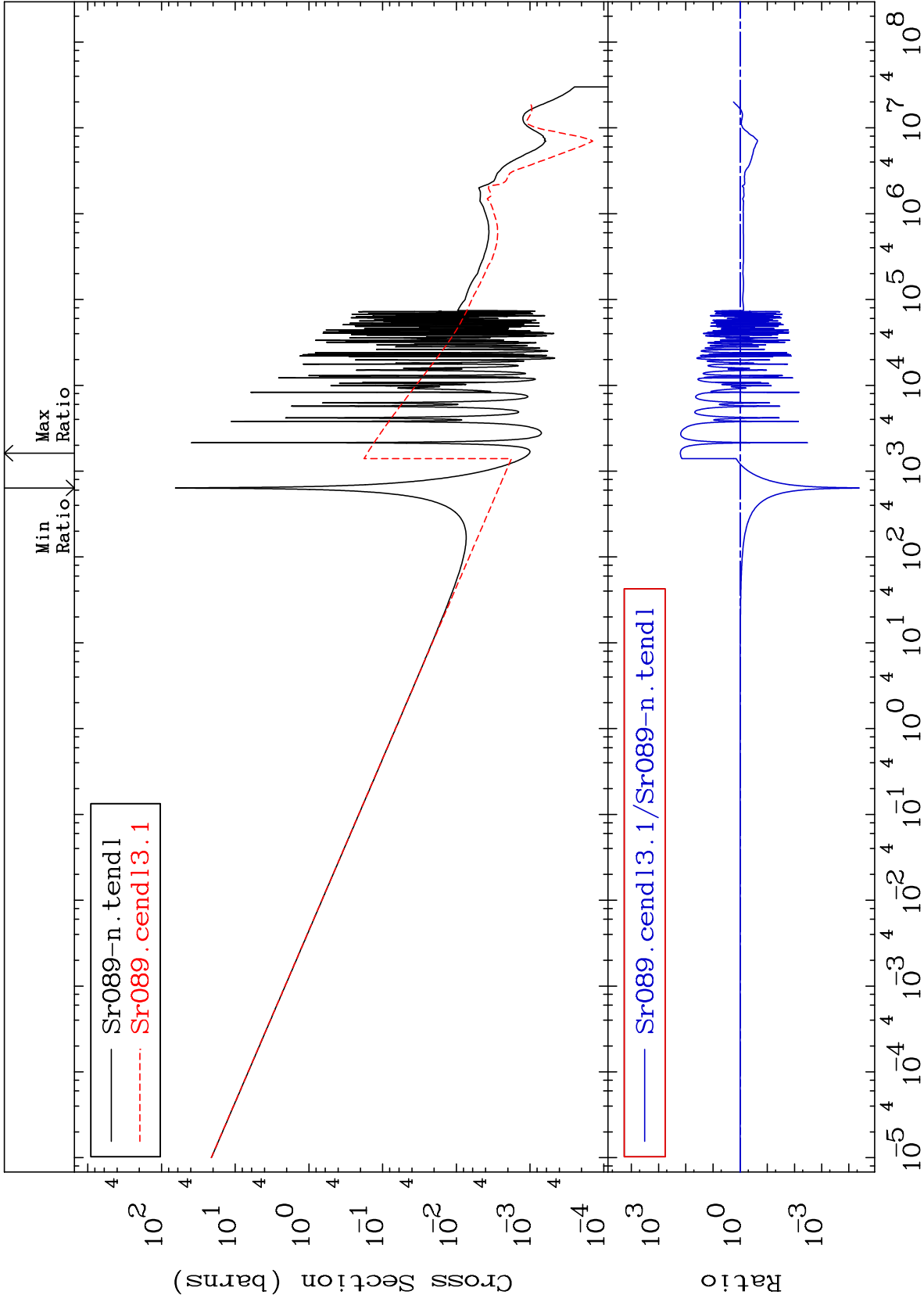
3.073 MeV (n,n') Level  
Cross Section

38-Sr-89  
5.277 To 441.3 %









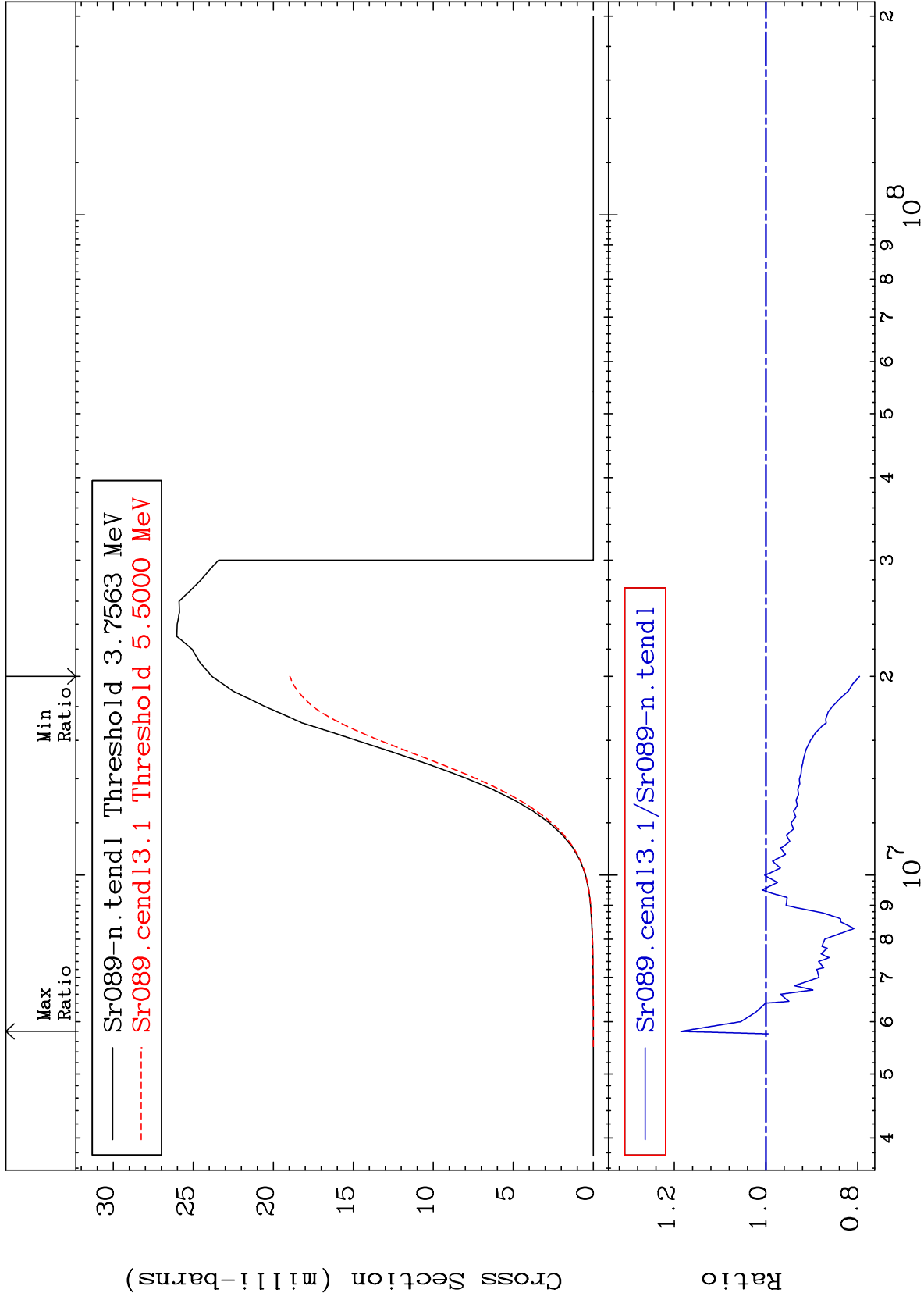
MAT 3840

(n,p)

<sup>38</sup>Sr-89

Cross Section

-20.43 To 18.59 %



27

Incident Energy (eV)

<sup>38</sup>Sr-89

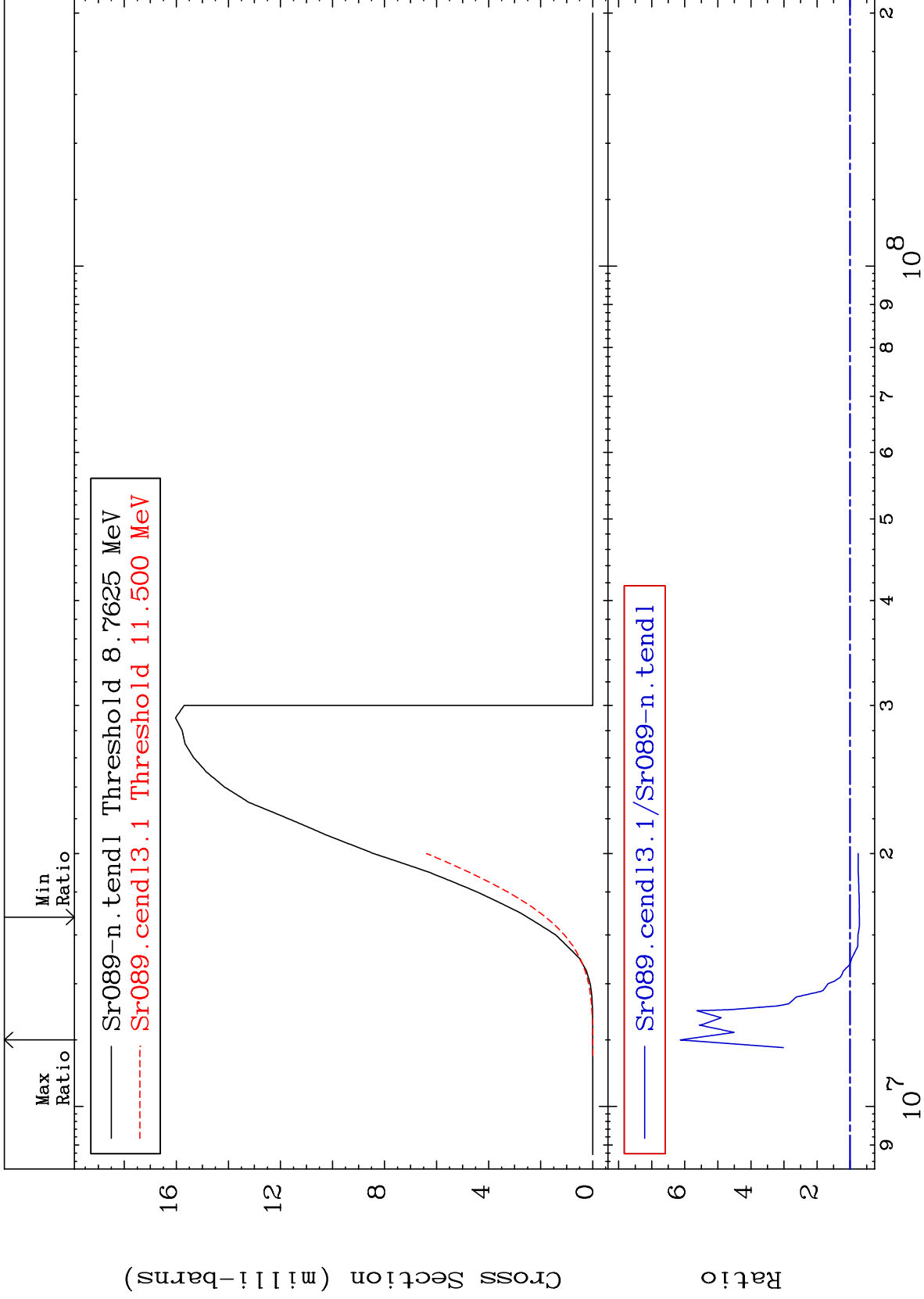
MAT 3840

(n, d)

38-Sr-89

Cross Section

-28.11 To 513.4 %



28

Incident Energy (eV)

38-Sr-89

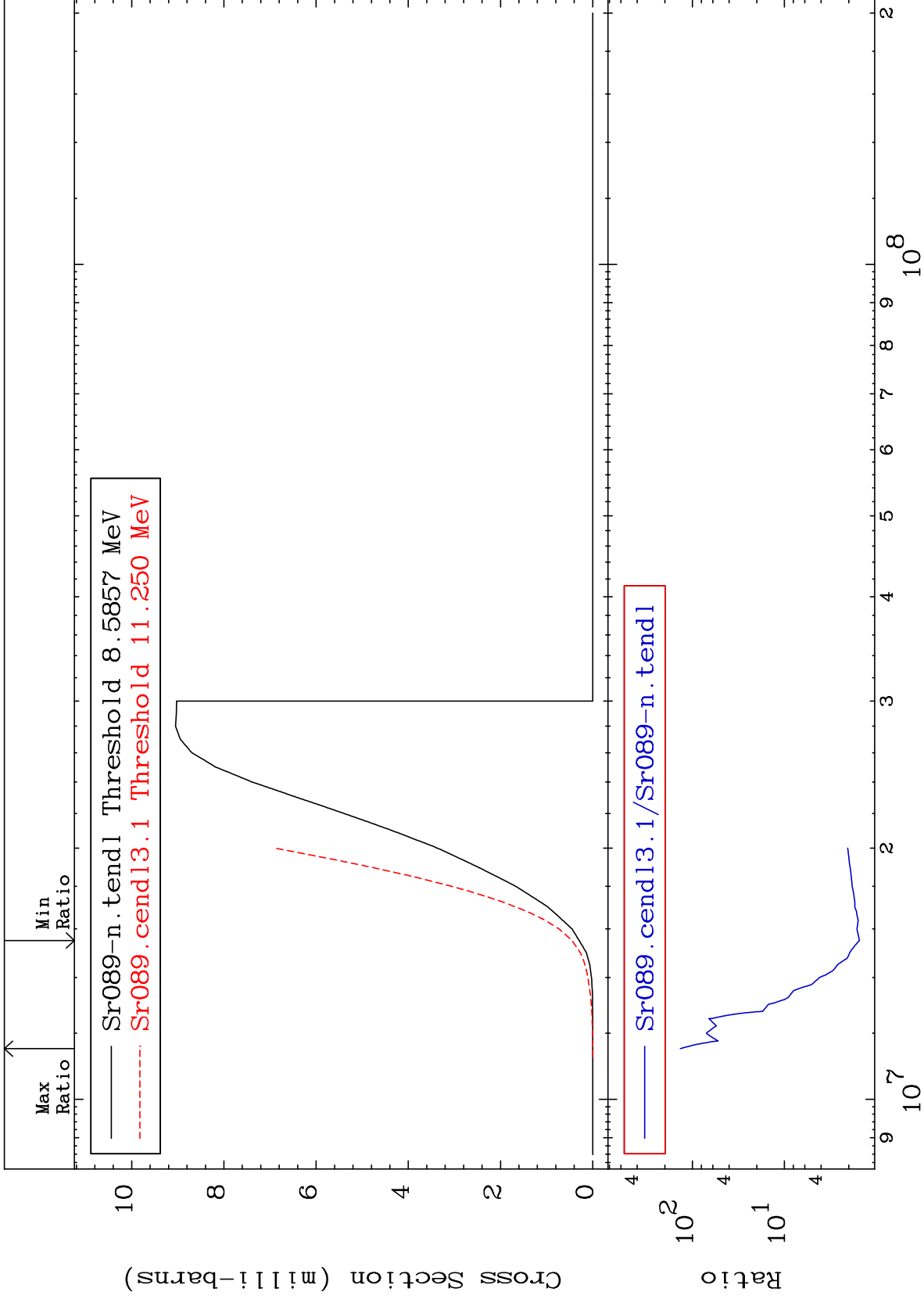
MAT 3840

(n, t)

38-Sr-89

Cross Section

52.95 To 9999. %



29

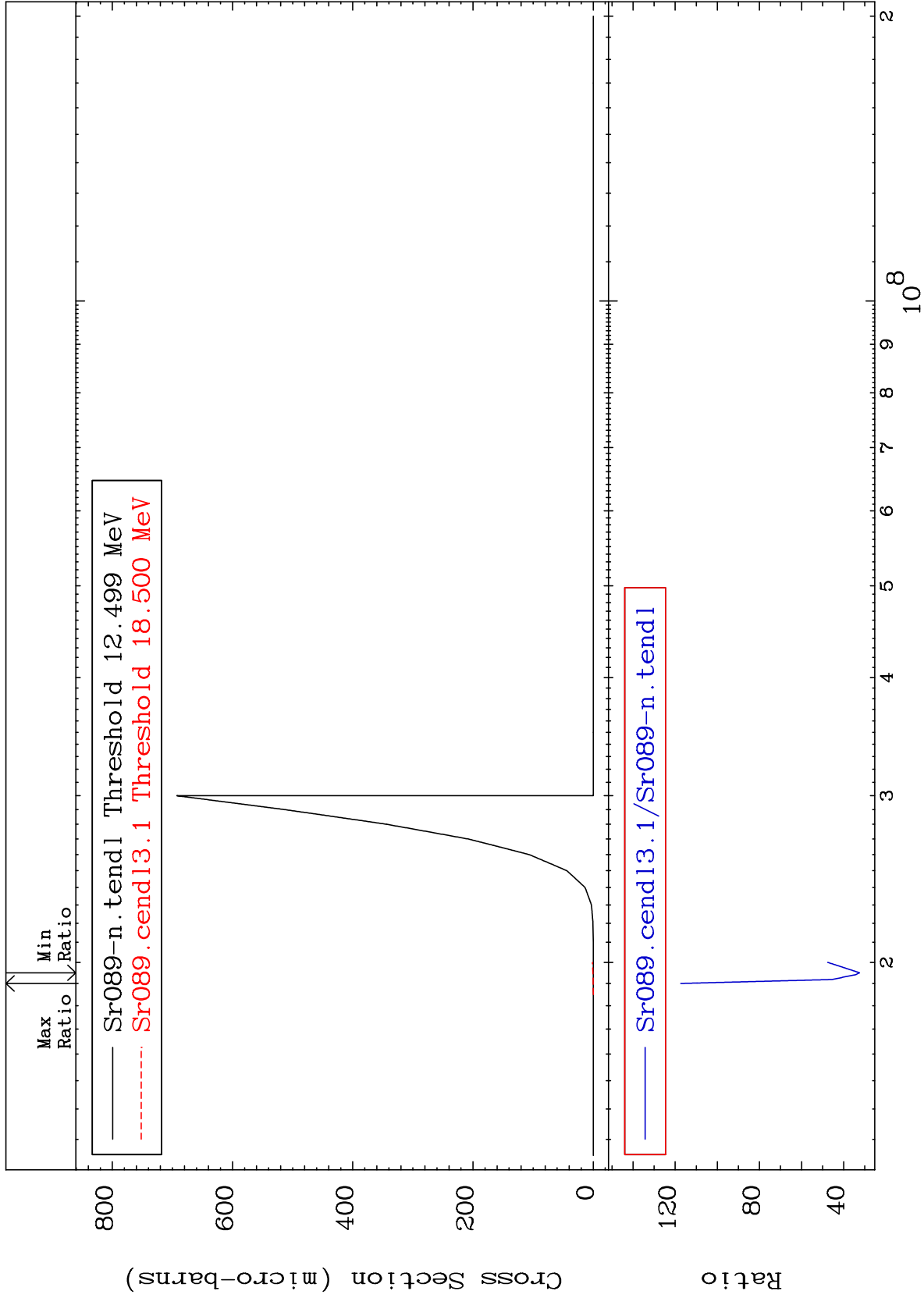
38-Sr-89

38-Sr-89

MAT 3840

(n,He-3)  
Cross Section

38-Sr-89  
To 9999. %



30

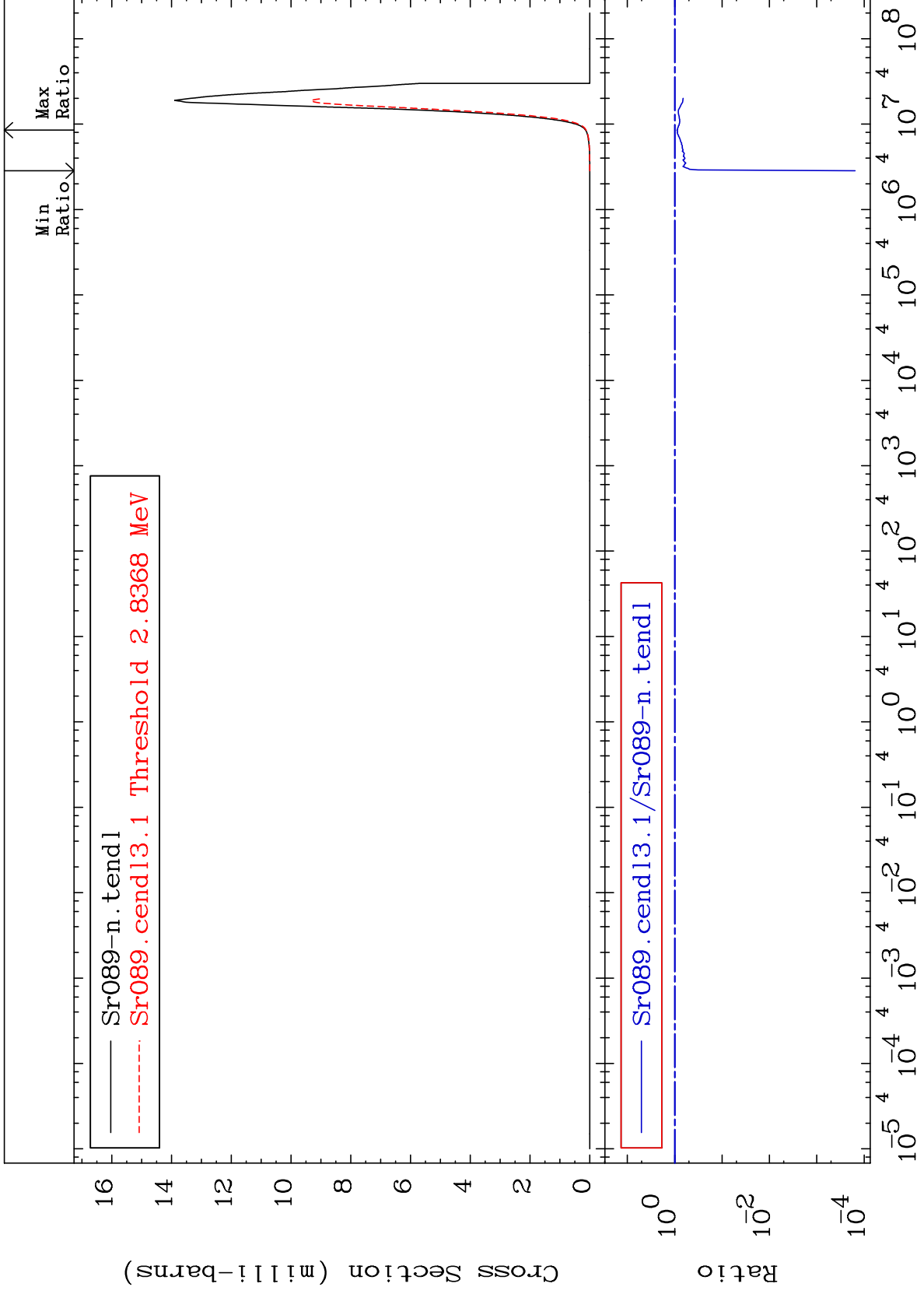
Incident Energy (eV)

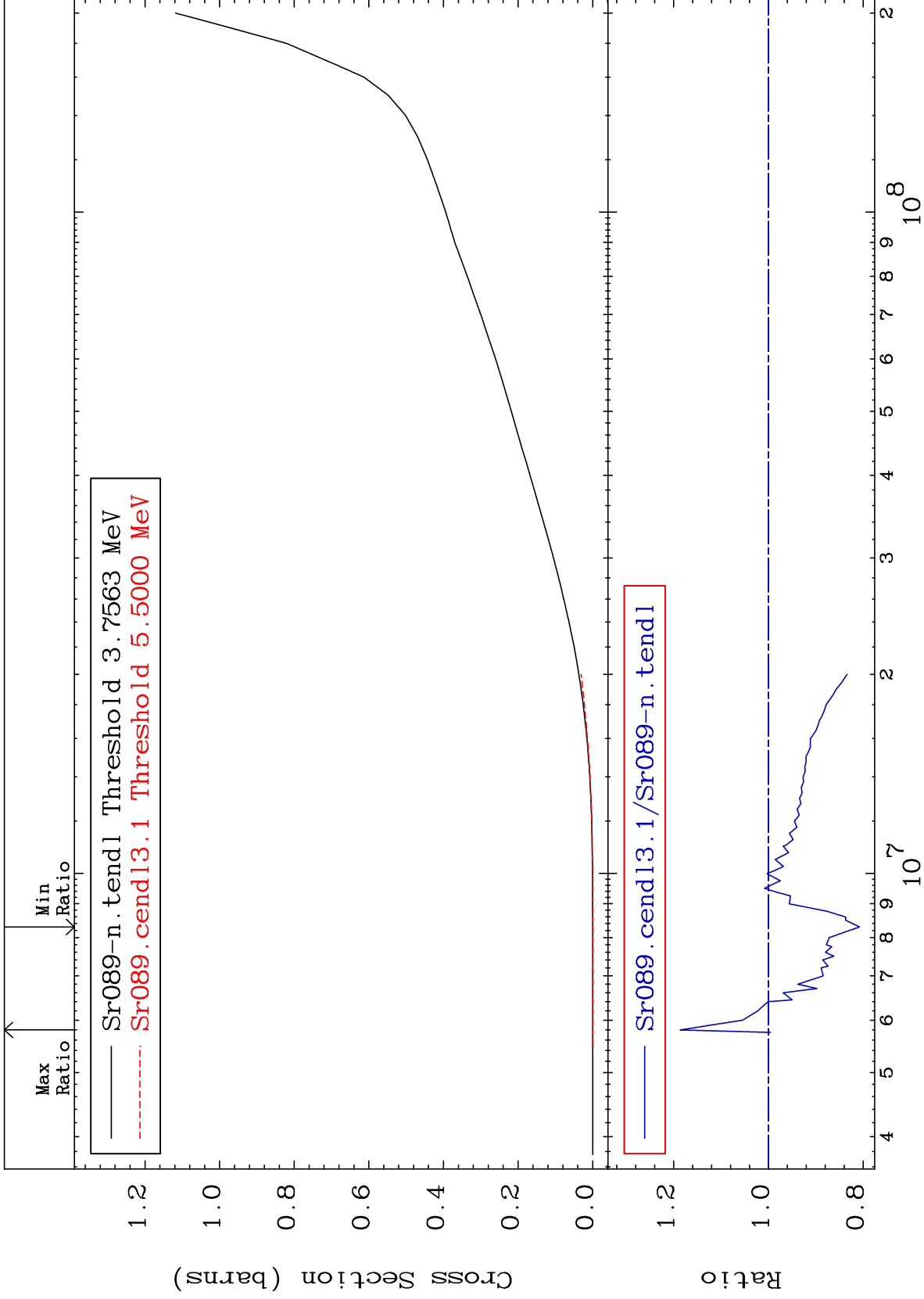
38-Sr-89

MAT 3840

(n,  $\alpha$ )  
Cross Section

38-Sr-89  
-99.98 To -10.15%



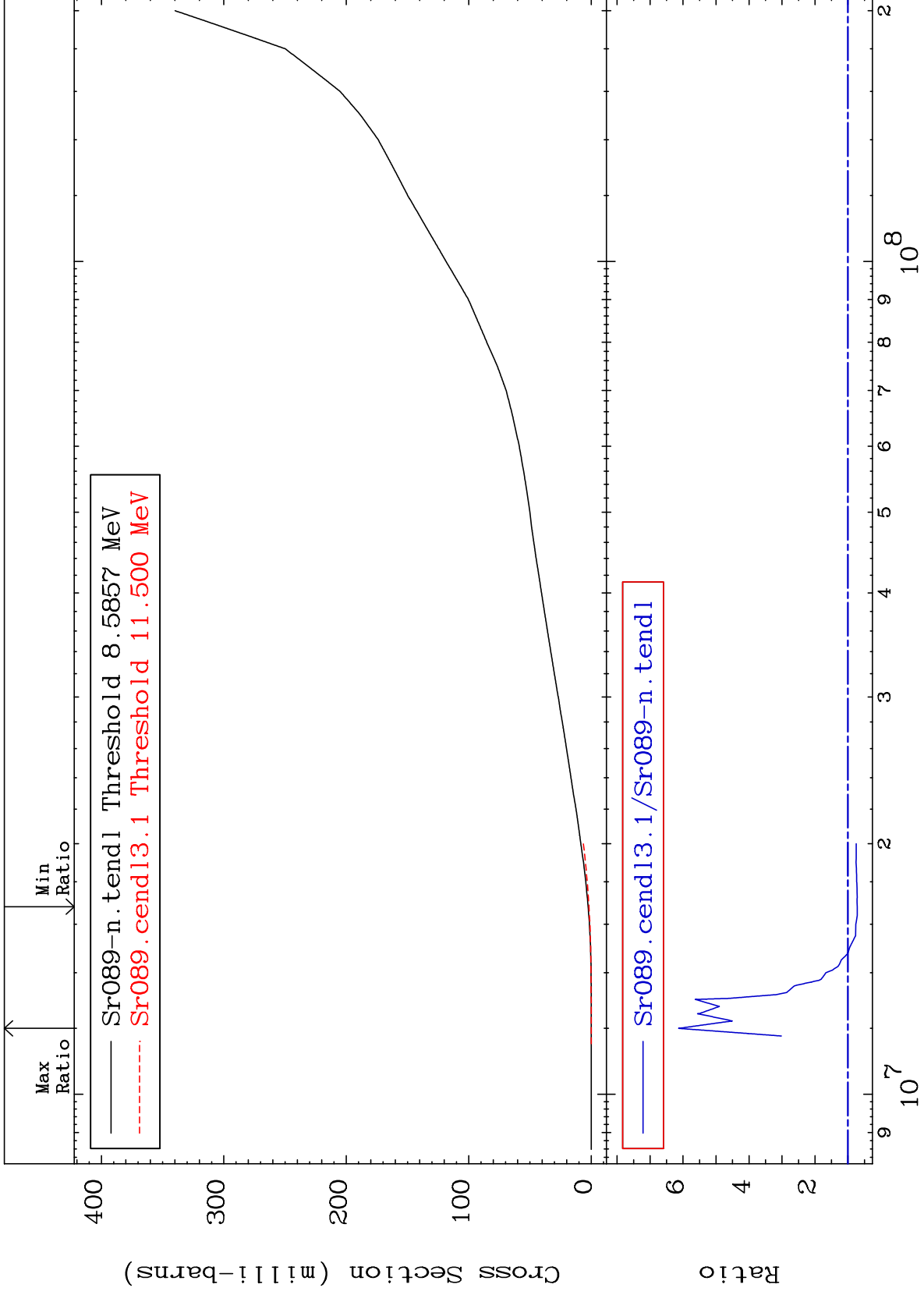




MAT 3840

Deuterium Production  
Cross Section

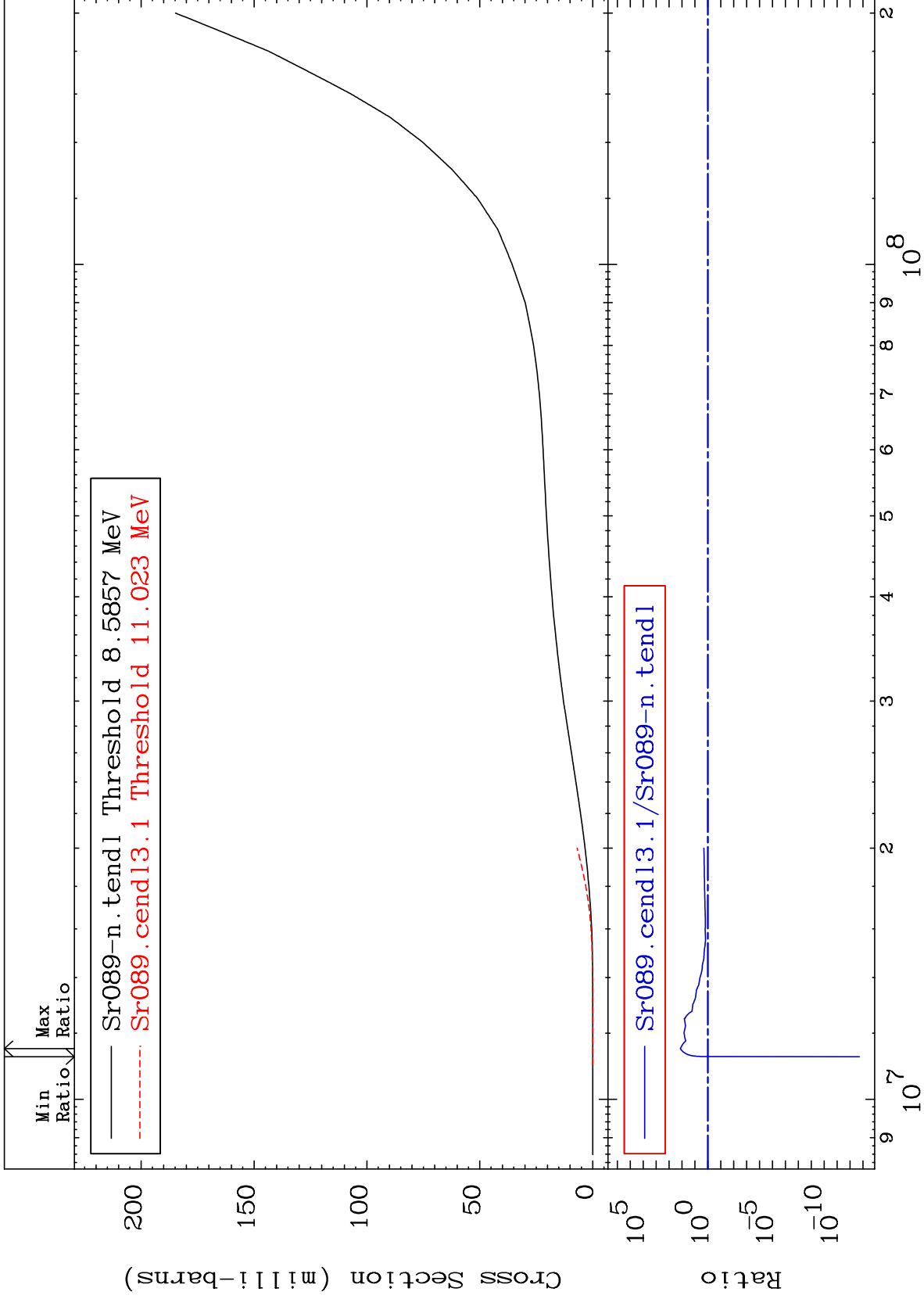
38-Sr-89  
-28.11 To 513.4 %



33

Incident Energy (eV)

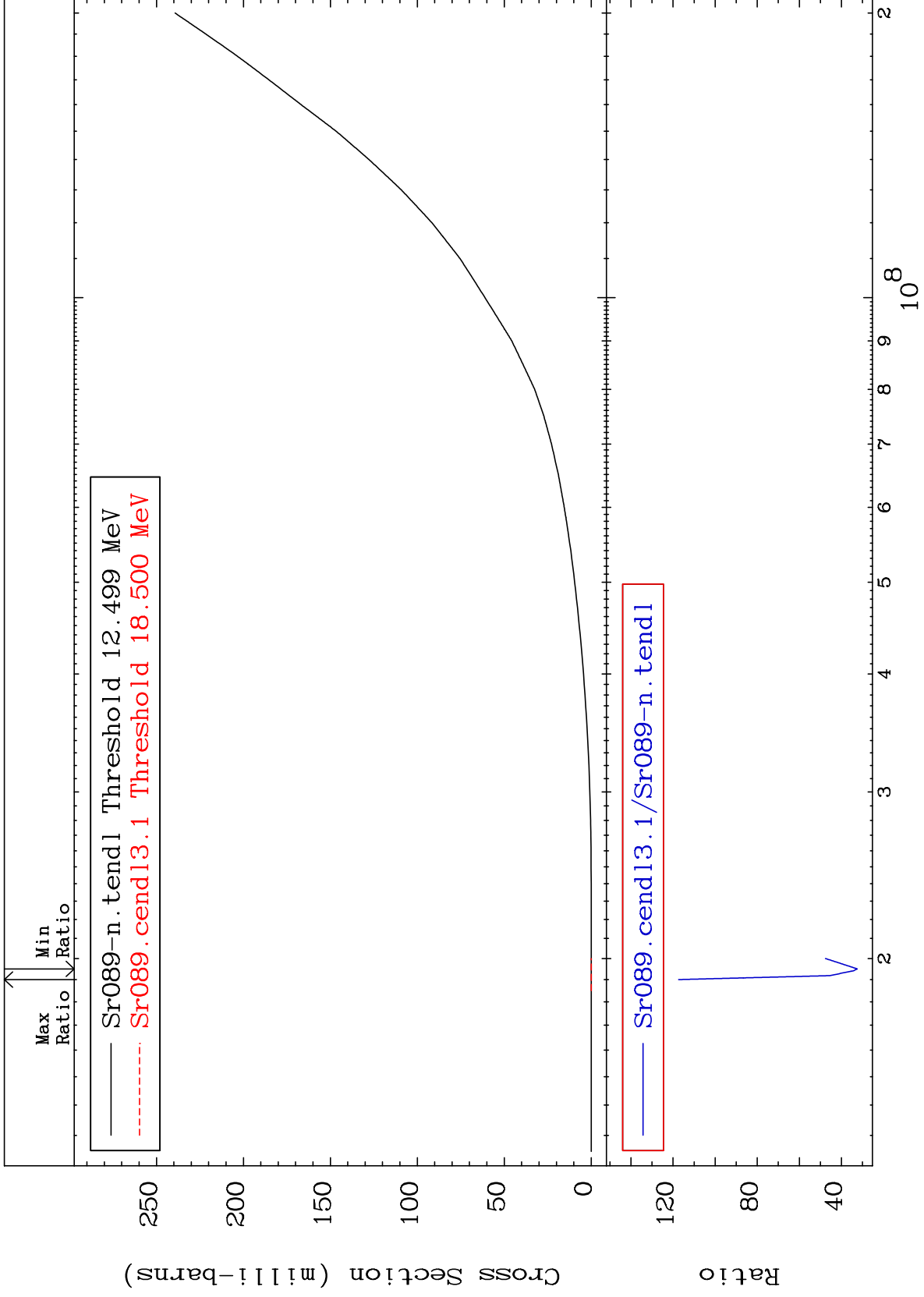
38-Sr-89



MAT 3840

He-3 Production  
Cross Section

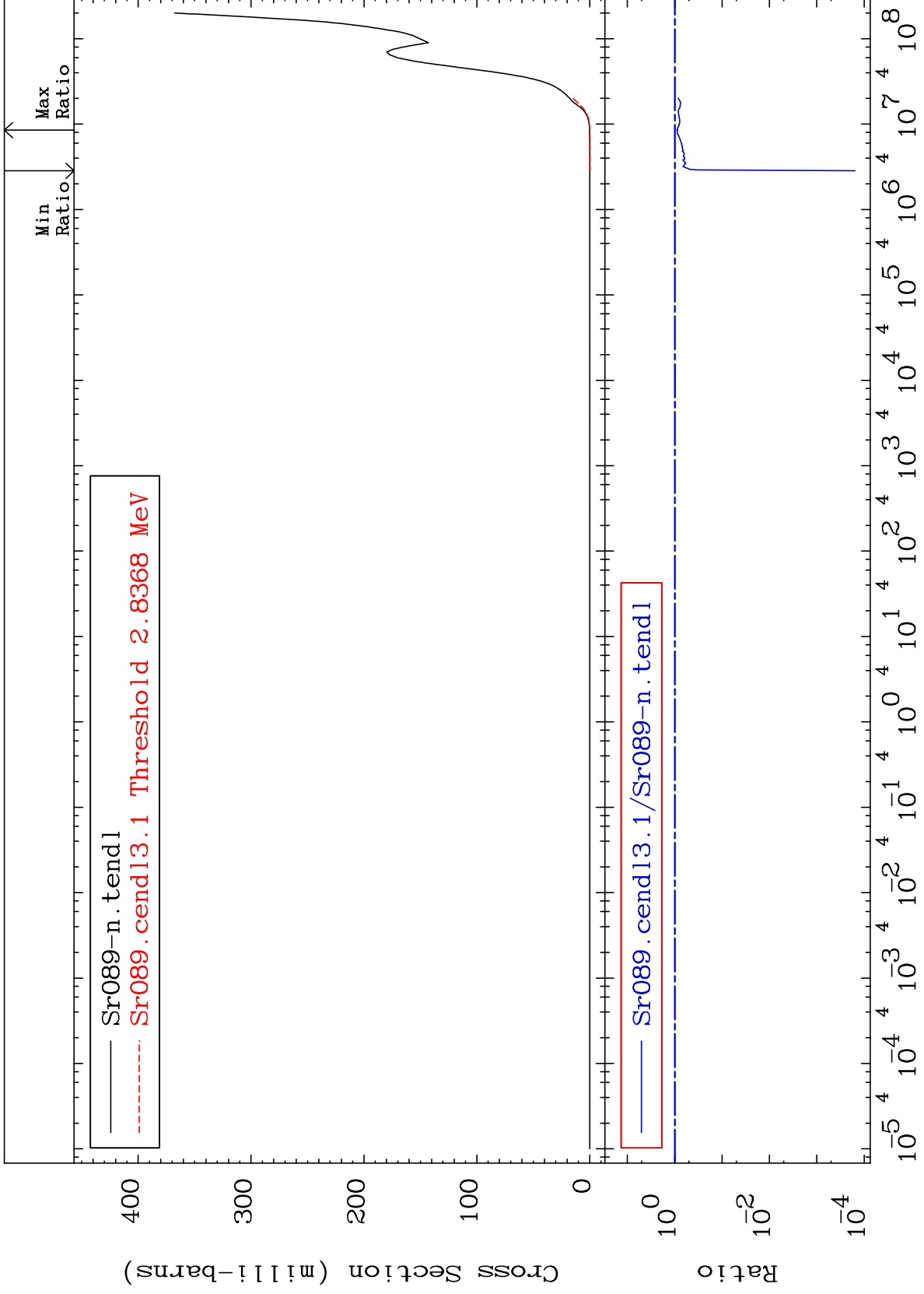
38-Sr-89  
To 9999. %

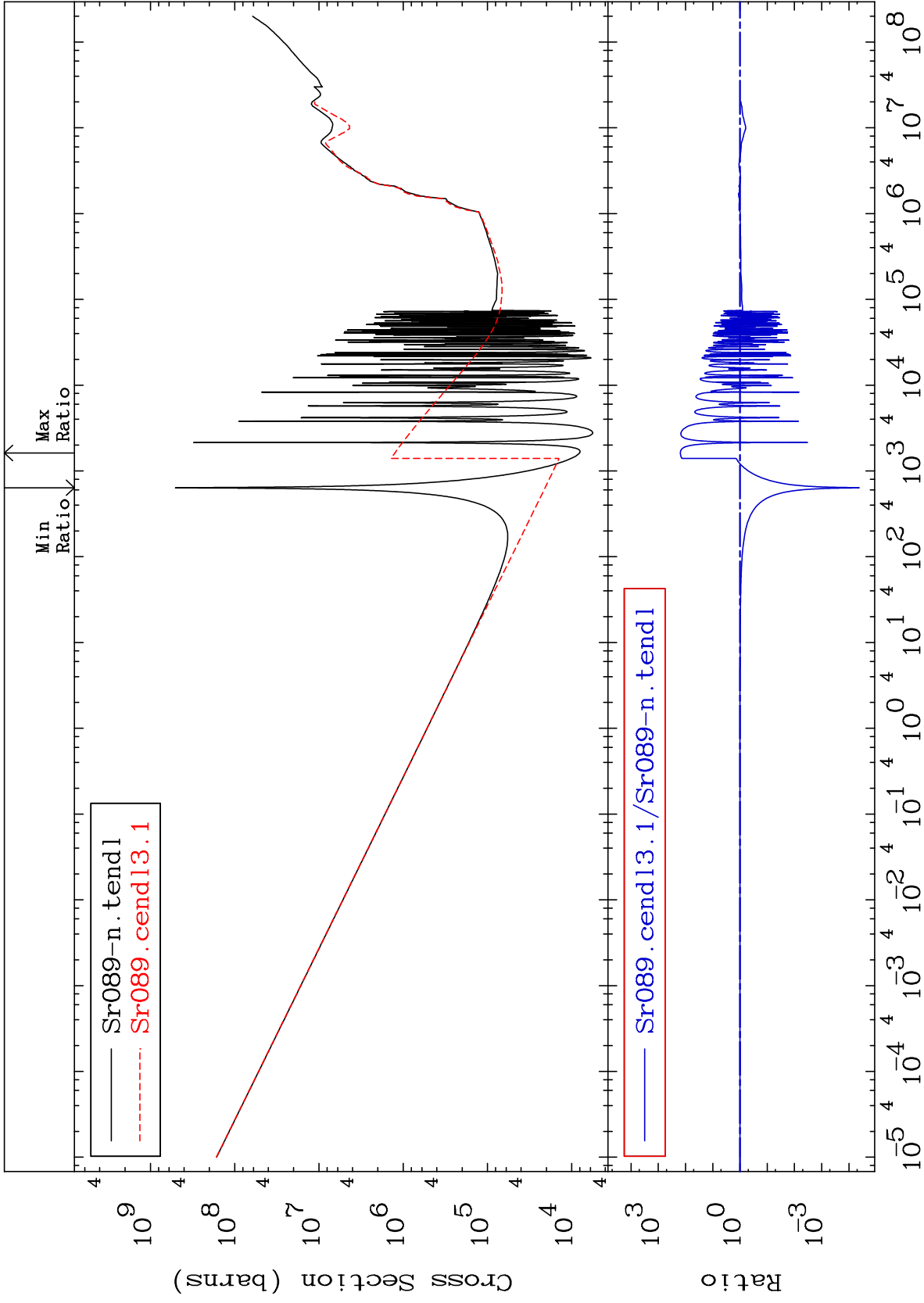


MAT 3840

He-4 Production  
Cross Section

38-Sr-89  
-99.98 To -10.15%

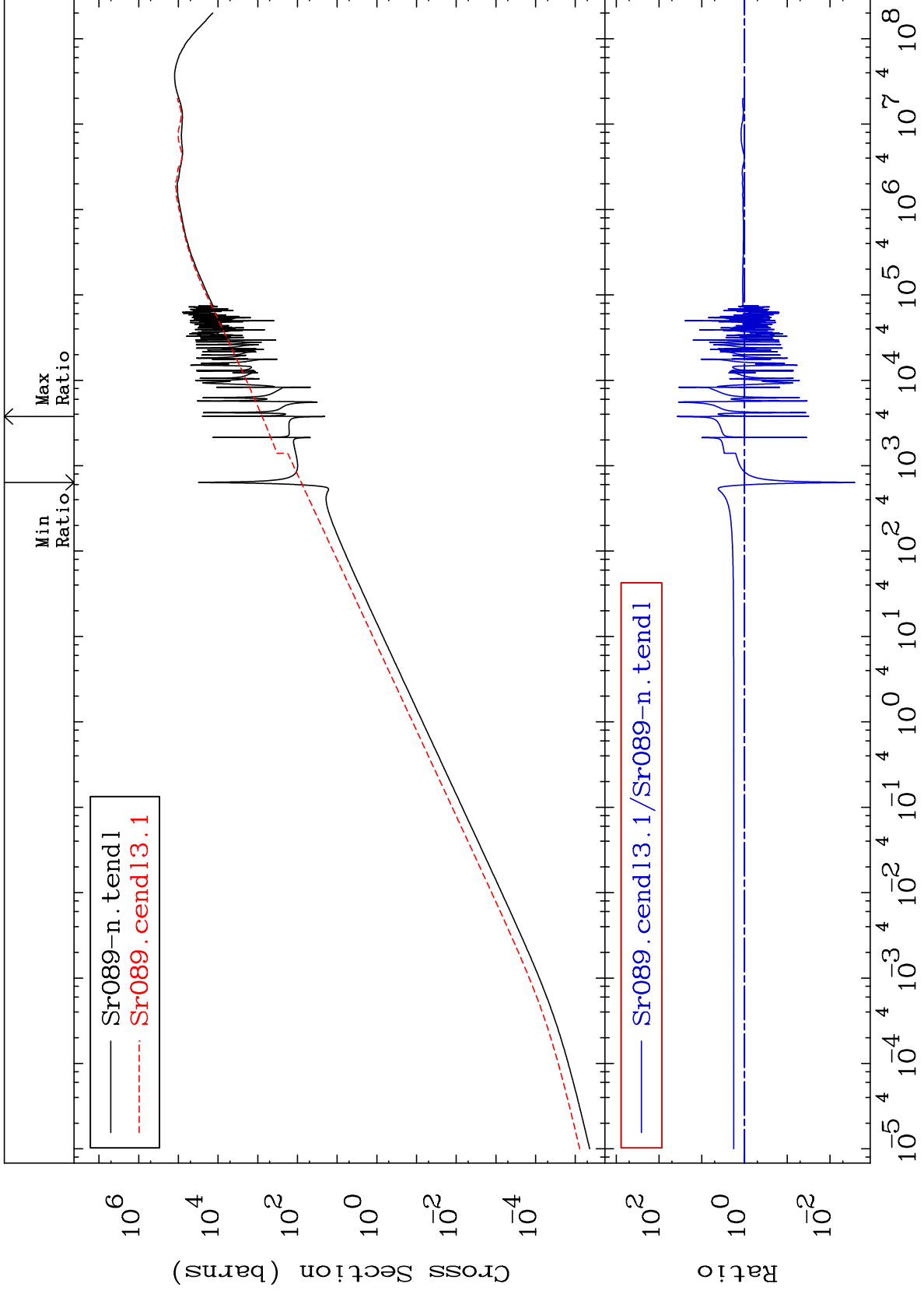


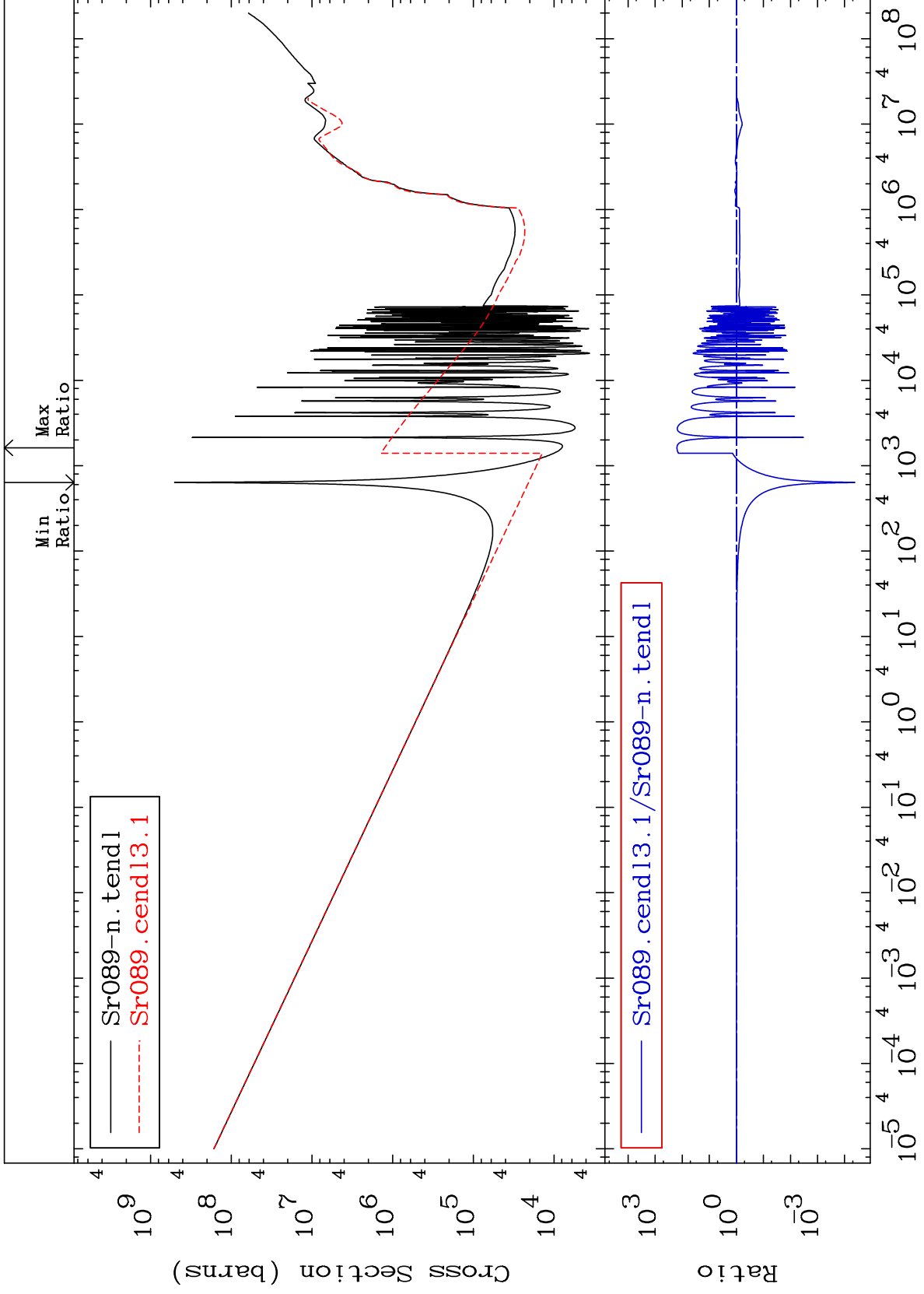


MAT 3840

Kerma elastic  
Cross Section

38-Sr-89  
-99.74 To 3704. %

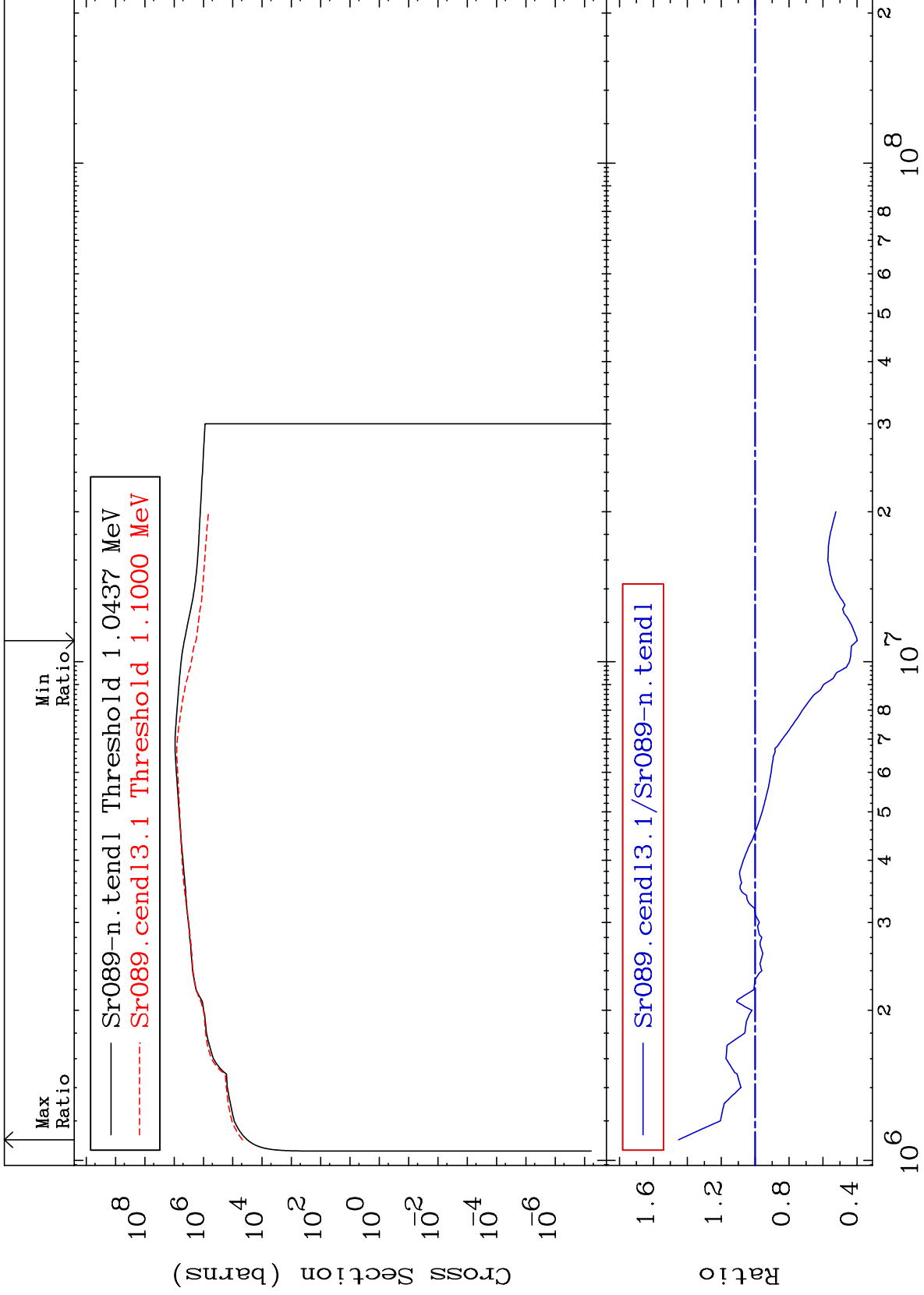




MAT 3840

Kerma inelastic (mt51-91)  
Cross Section

38-Sr-89  
-60.18 To 45.12 %



40

Incident Energy (eV)

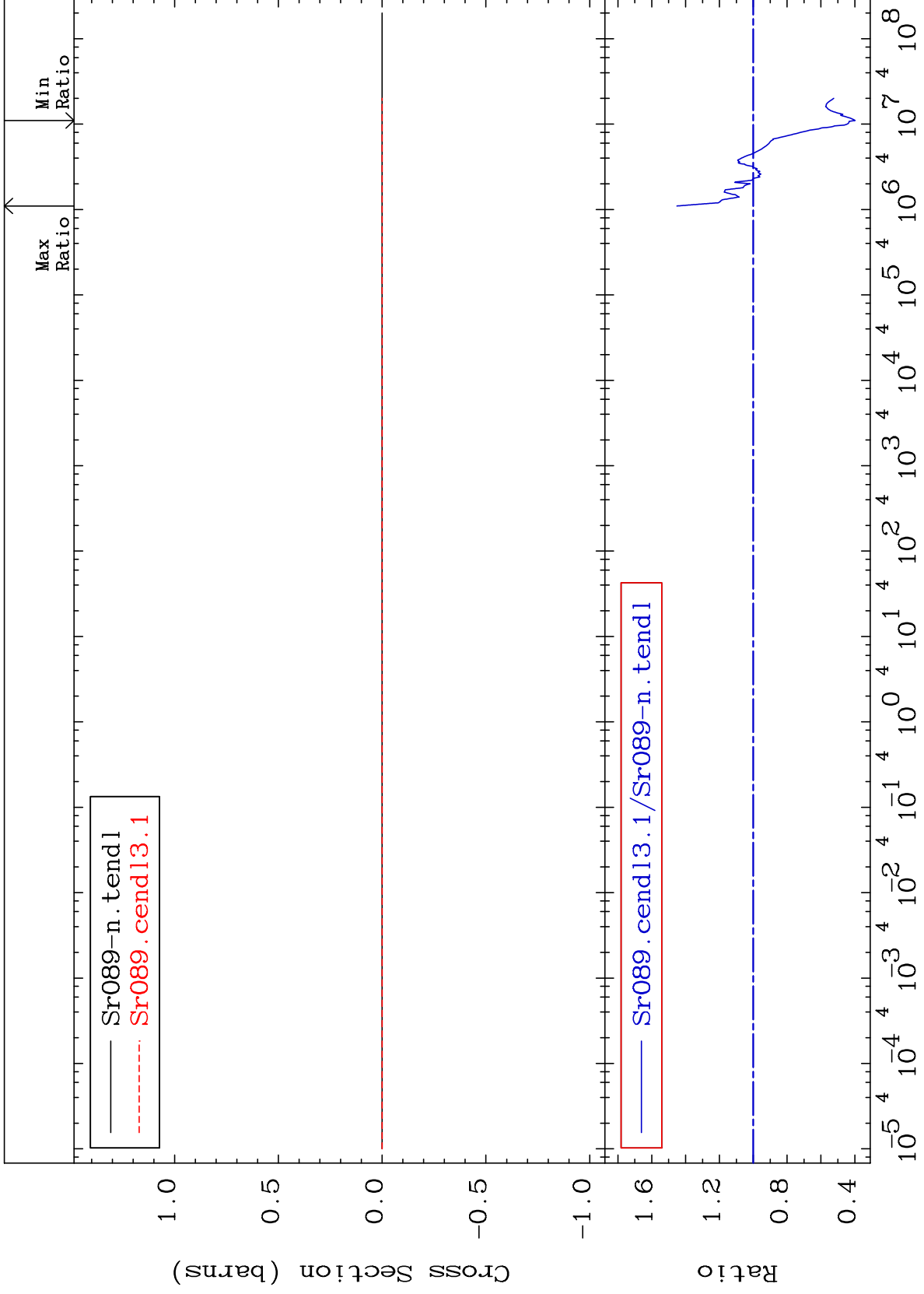
38-Sr-89



MAT 3840

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

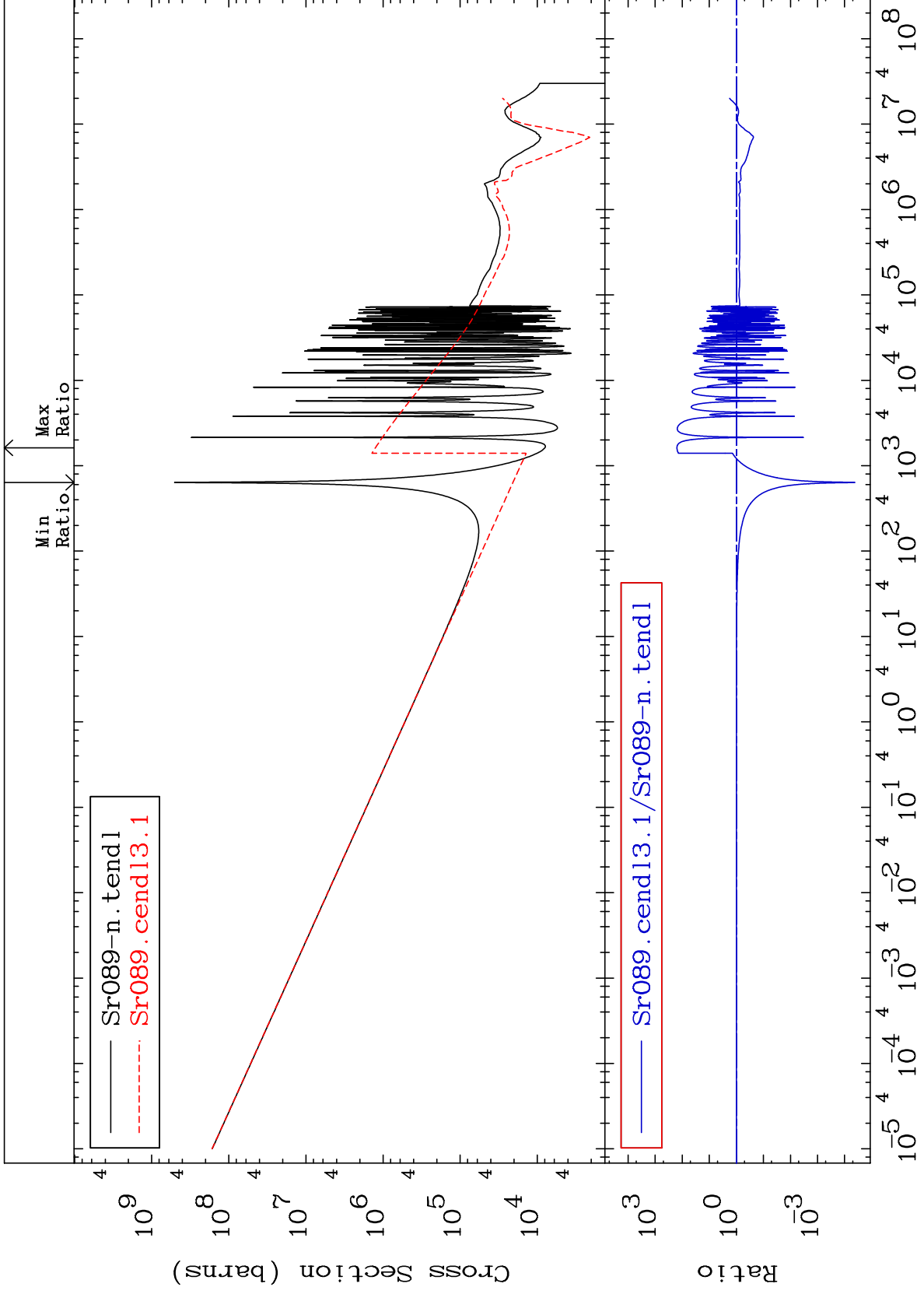
38-Sr-89  
-60.18 To 45.12 %

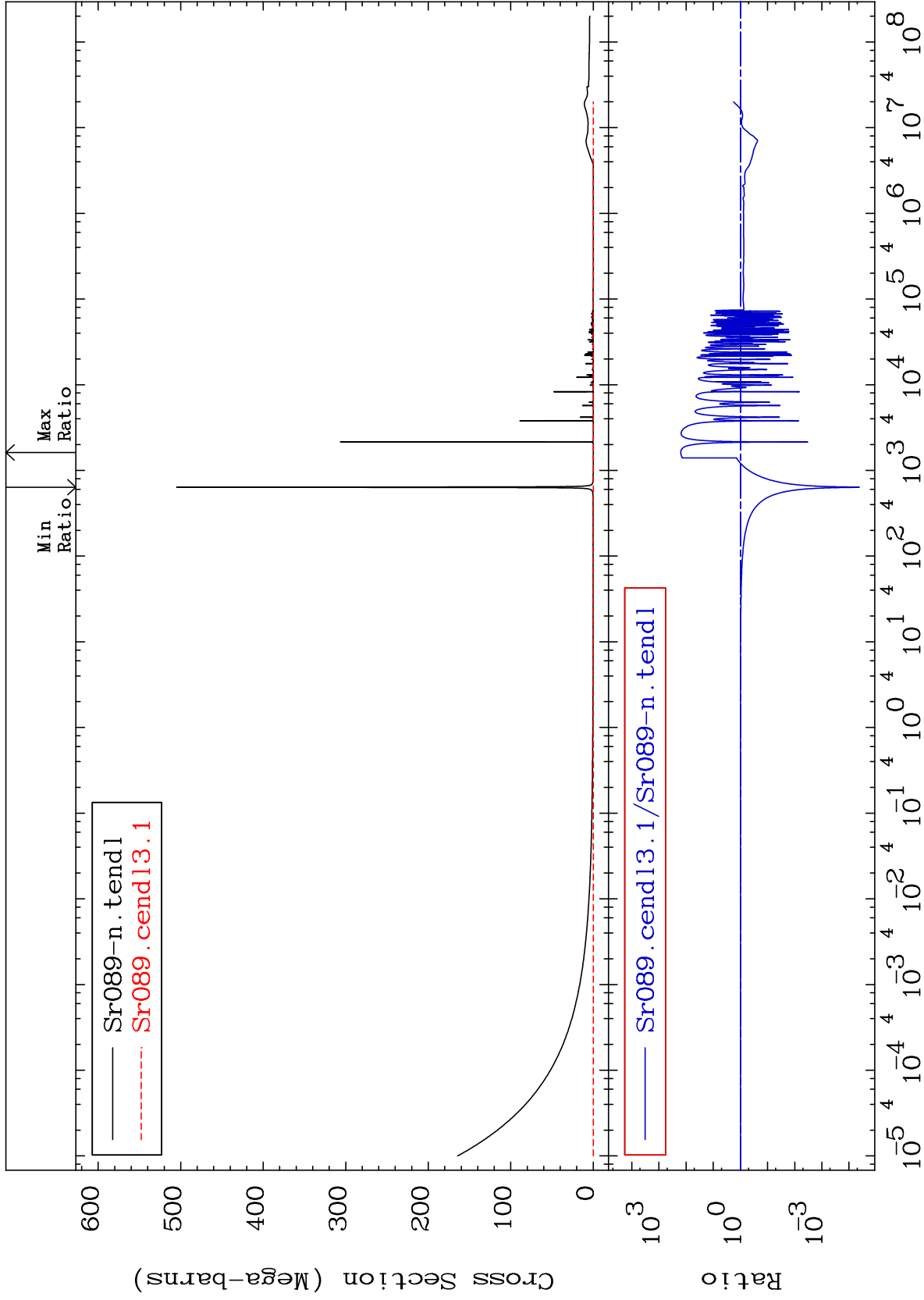


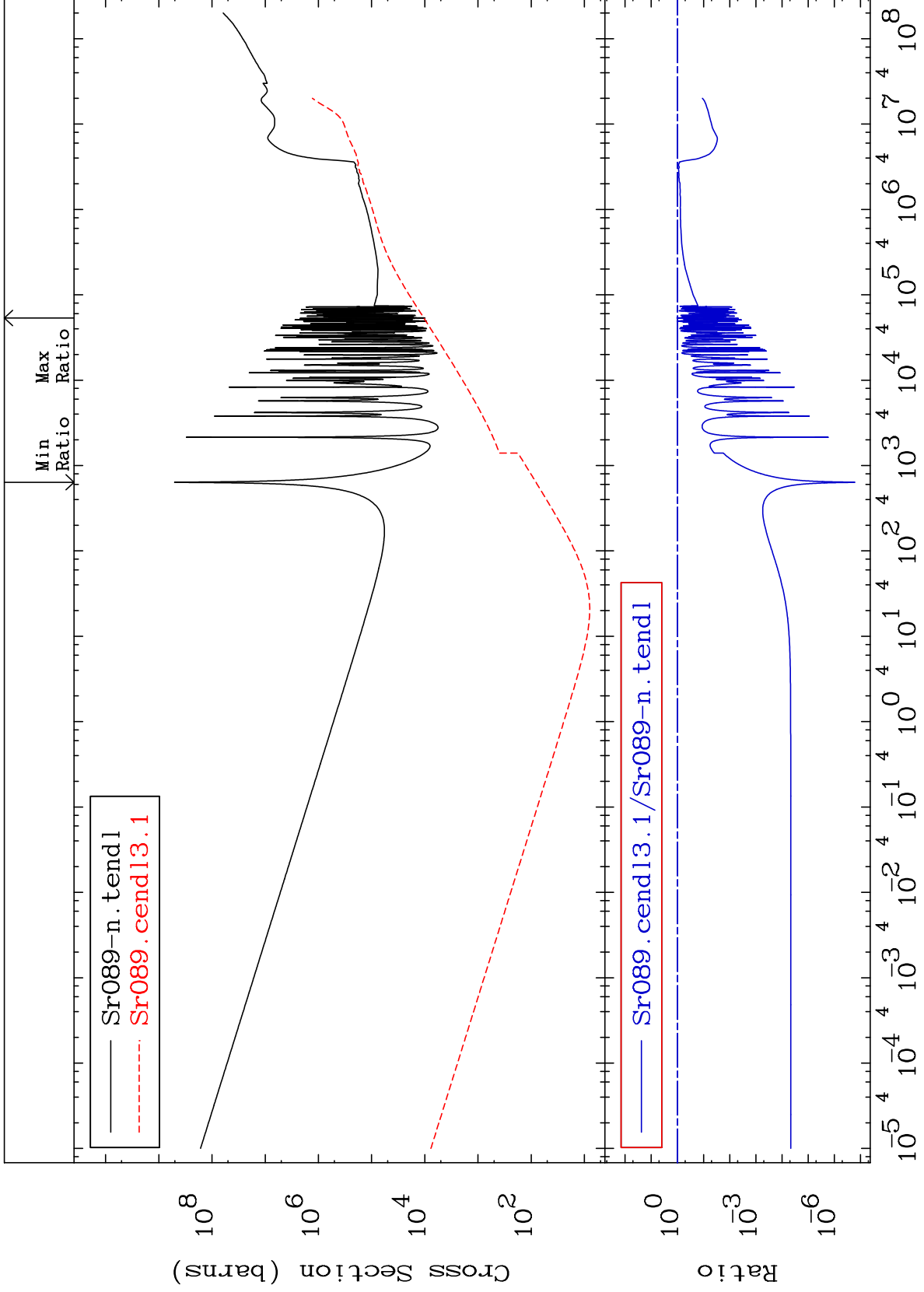
MAT 3840

Kerma capture (mt102)  
Cross Section

38-Sr-89  
-100.0 To 9999. %



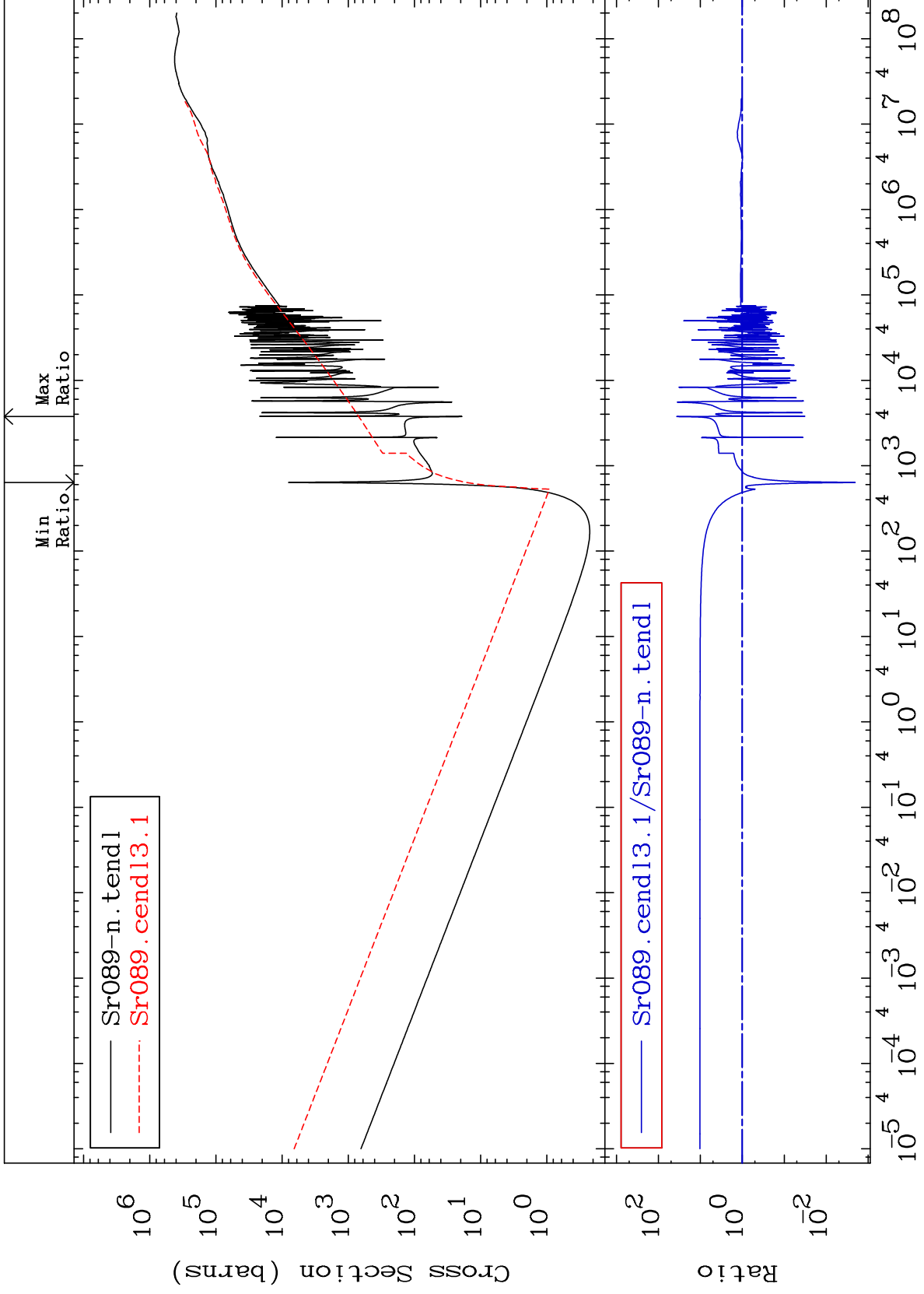


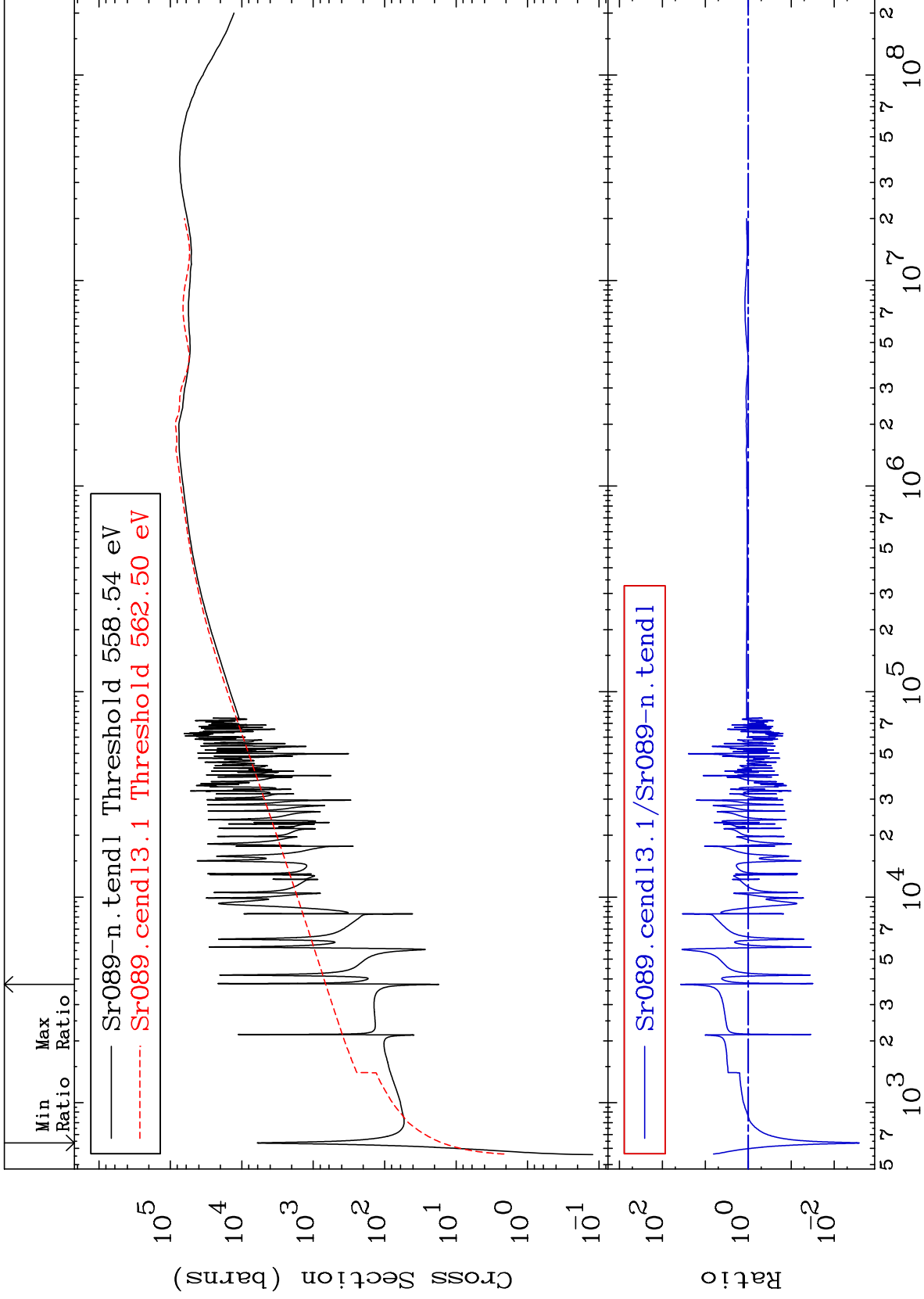


MAT 3840

Dpa total (eV-barns)  
Cross Section

38-Sr-89  
-99.80 To 3518. %

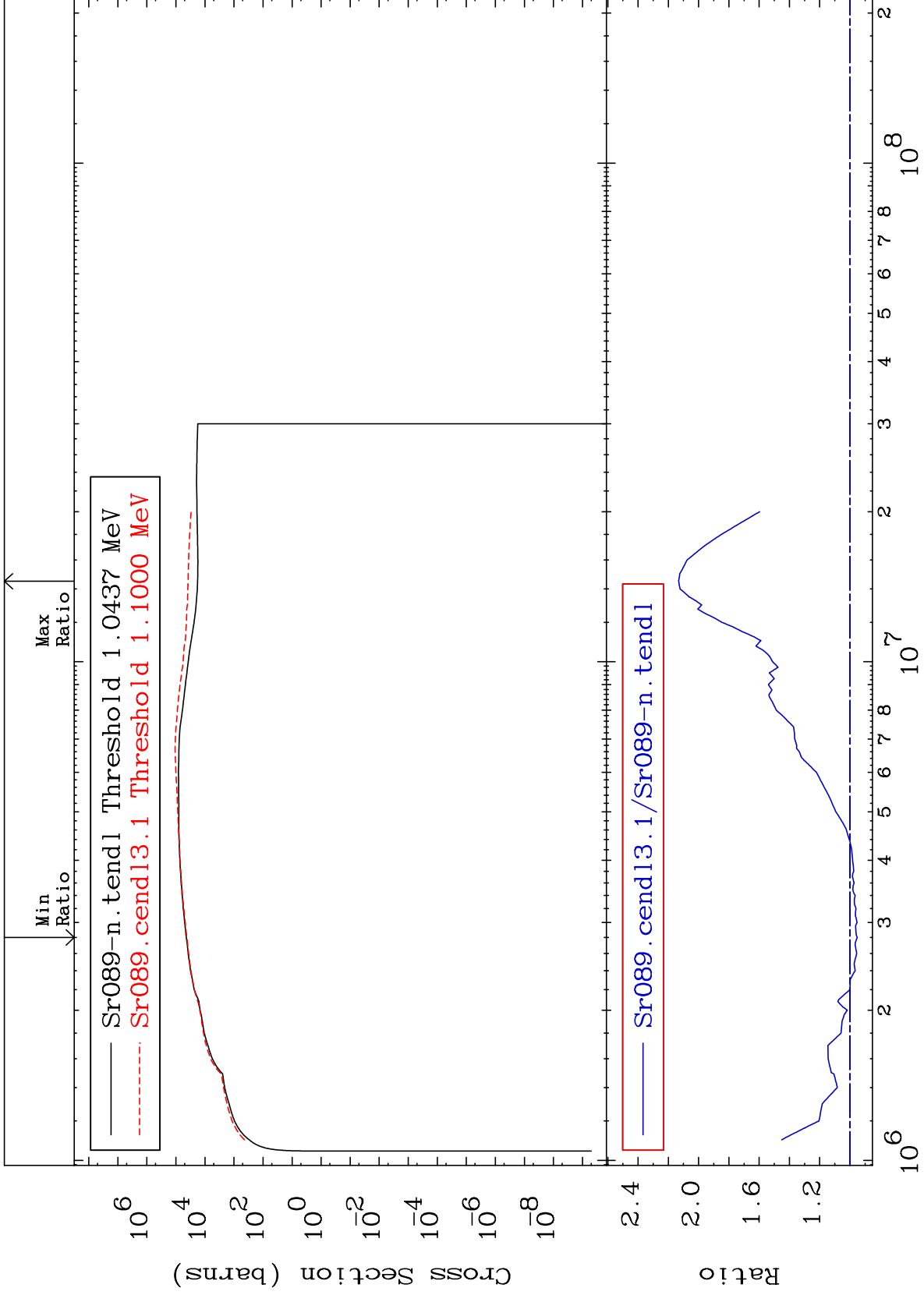




MAT 3840

Dpa inelastic (mt51-91)  
Cross Section

38-Sr-89  
-4.811 To 113.2 %



47

Incident Energy (eV)

38-Sr-89

