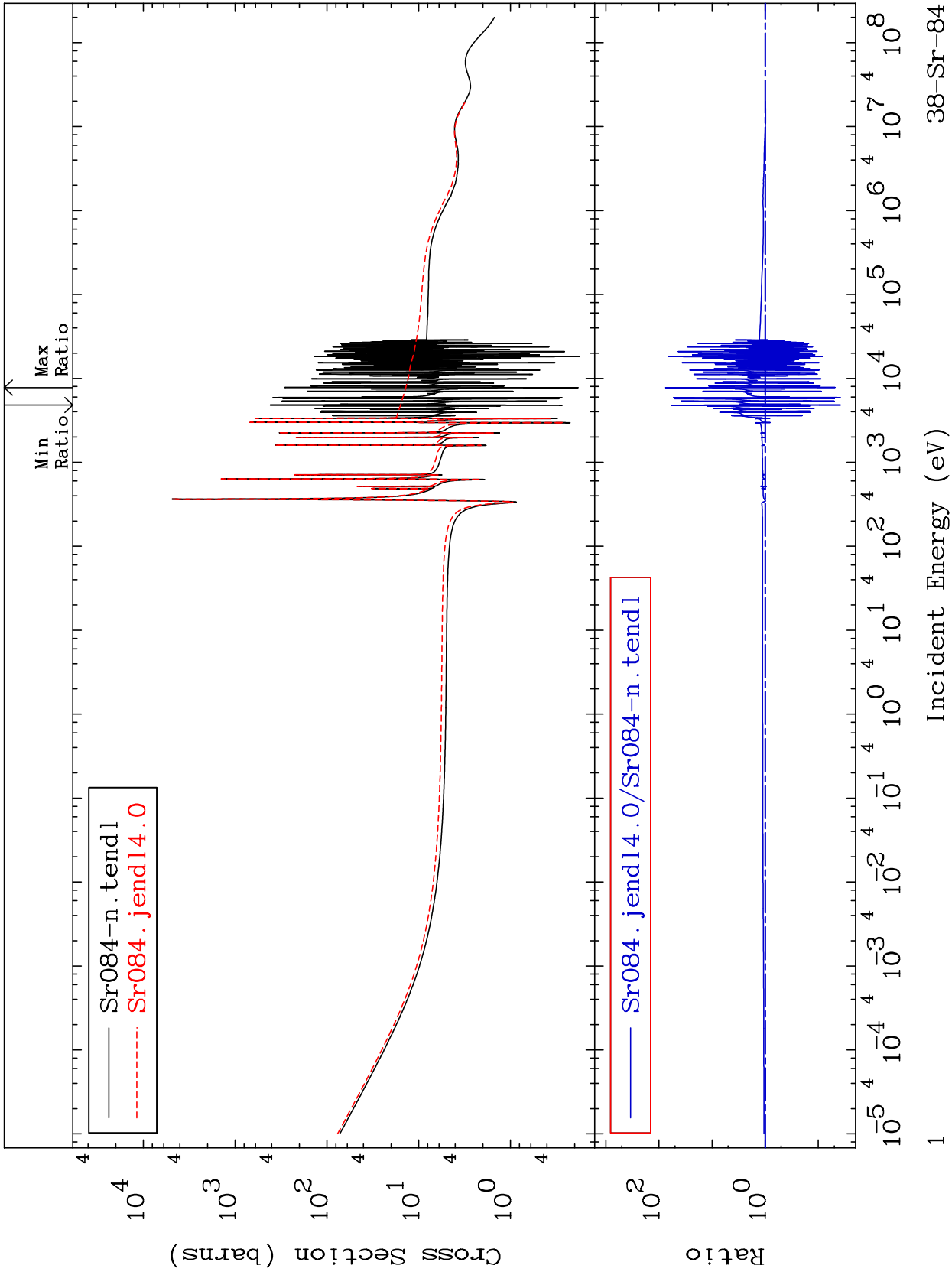


MAT 3825

Total
Cross Section

38-Sr-84
-96.21 To 7440. %

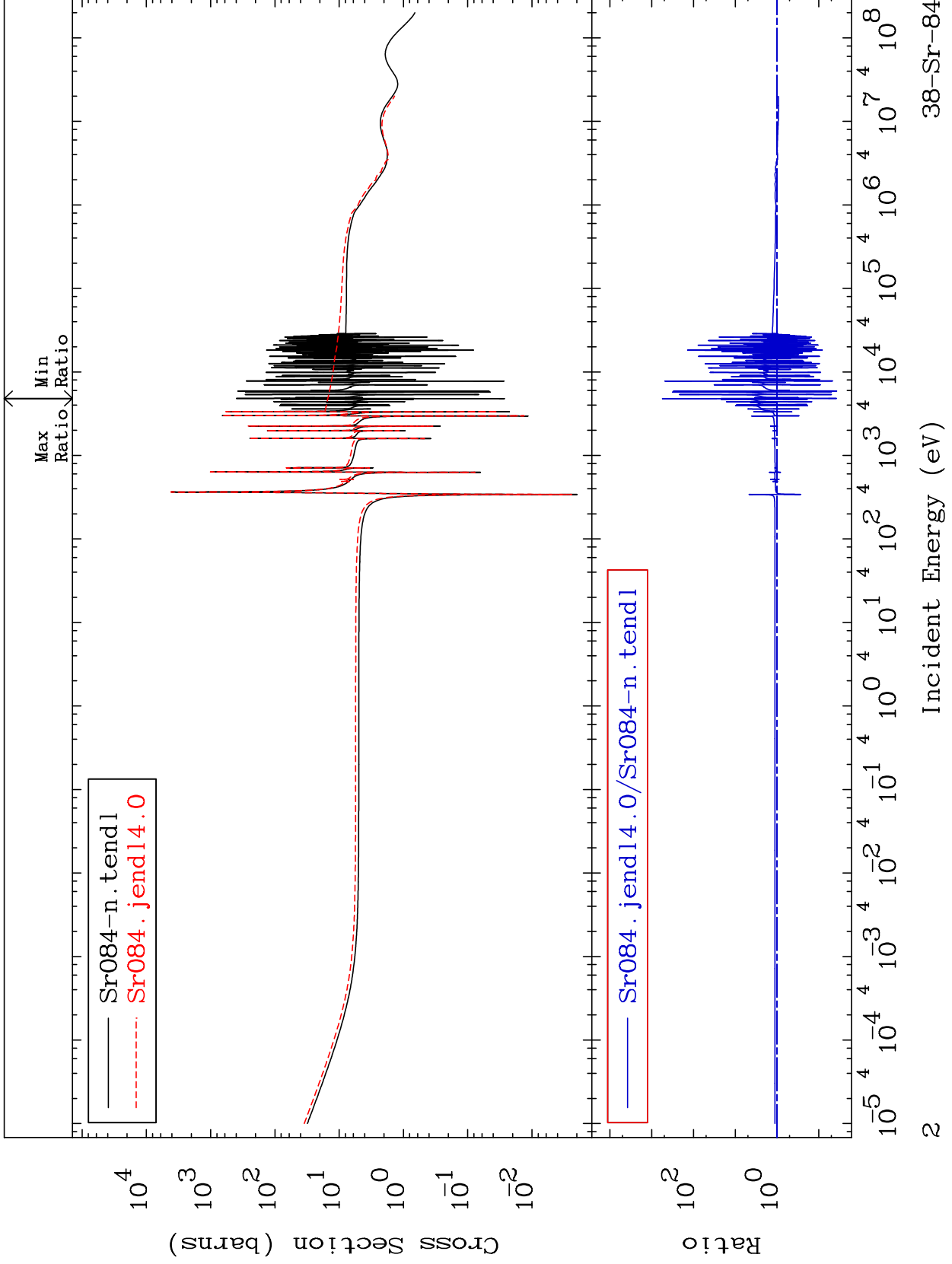


38-Sr-84

MAT 3825

Elastic
Cross Section

38-Sr-84
-96.25 To 9999. %

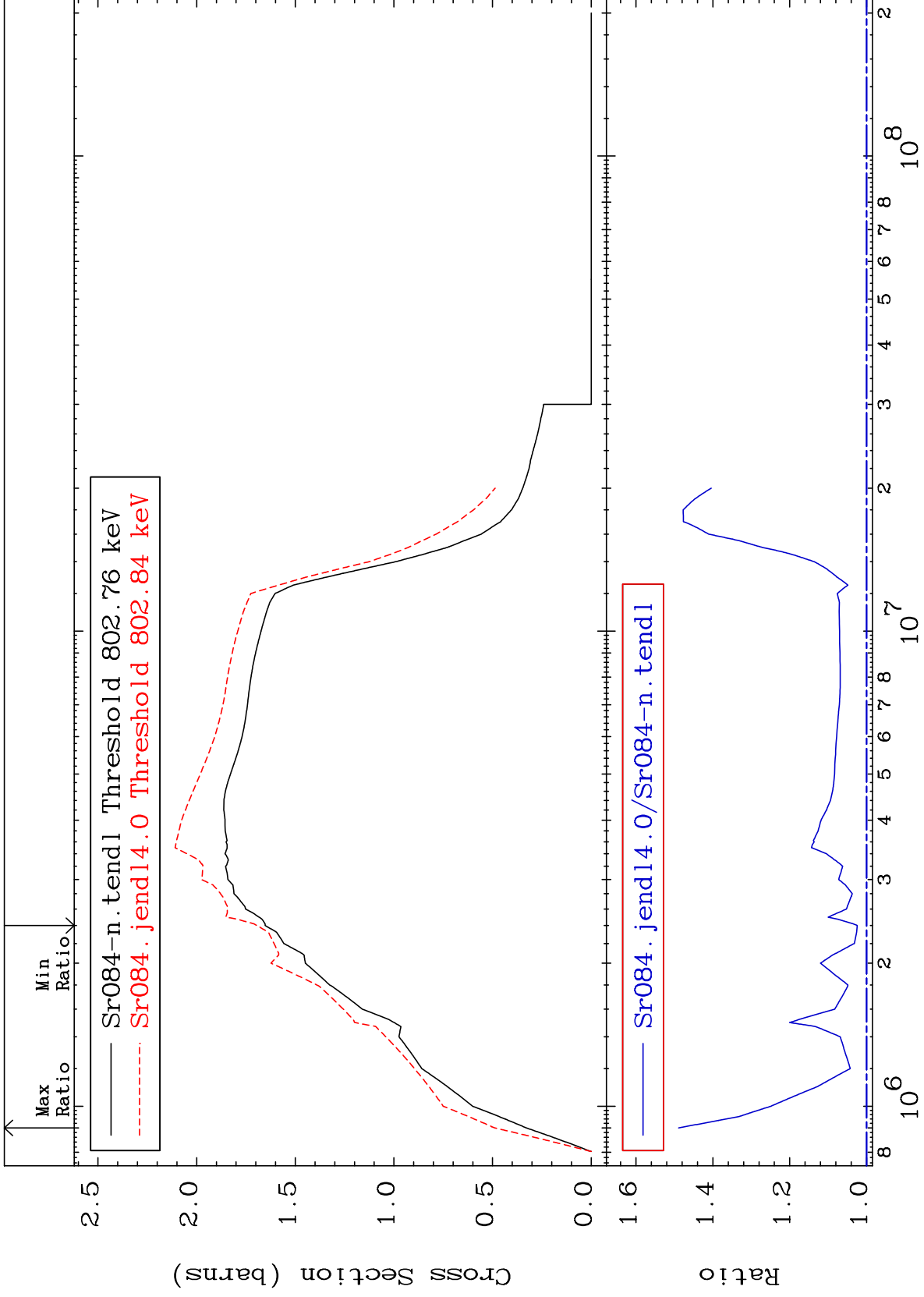


38-Sr-84

MAT 3825

Inelastic
Cross Section

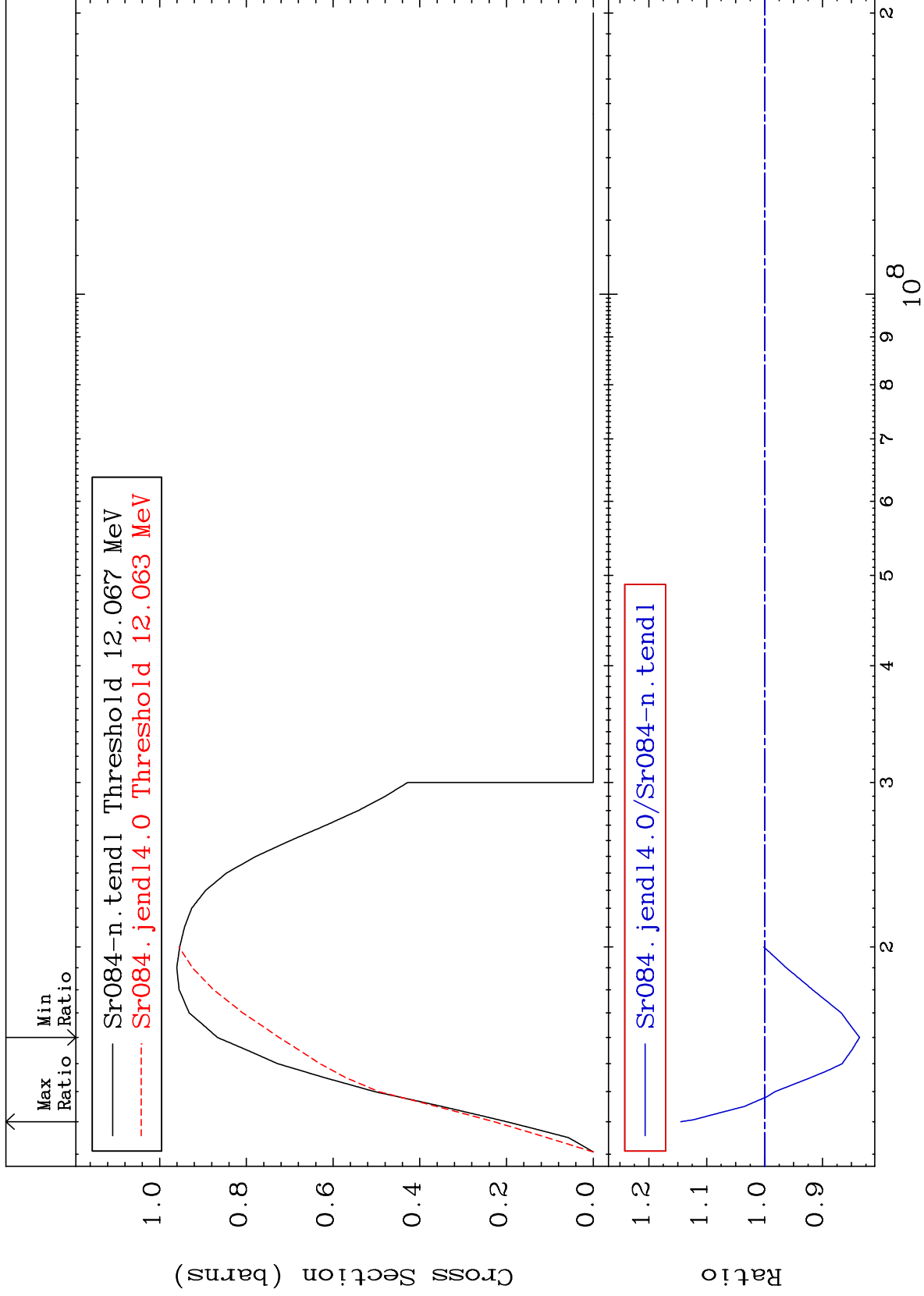
38-Sr-84
2.445 To 48.90 %



3

Incident Energy (eV)

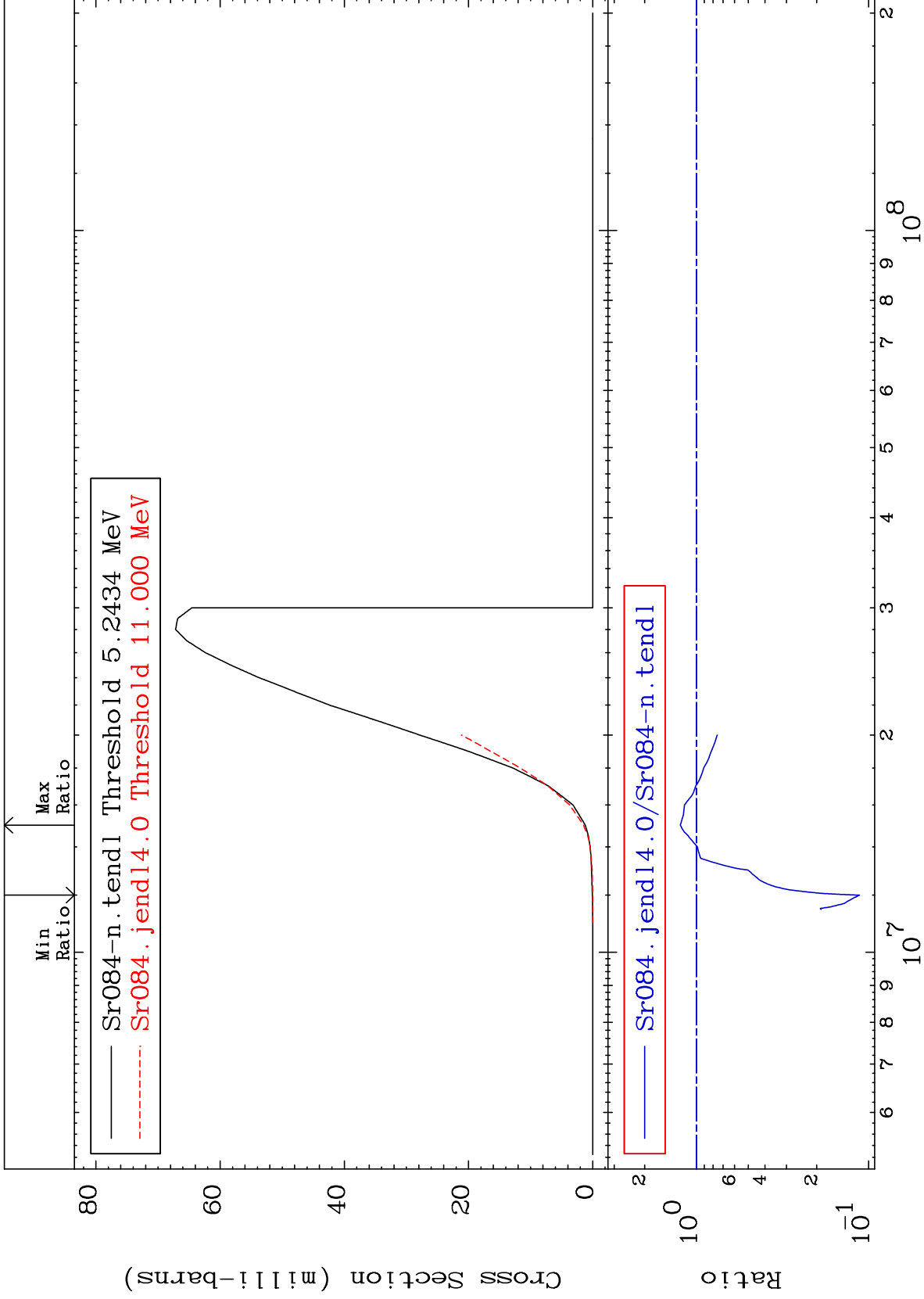
38-Sr-84



MAT 3825

(n, n') α
Cross Section

³⁸Sr-⁸⁴
-88.70 To 23.97 %



5

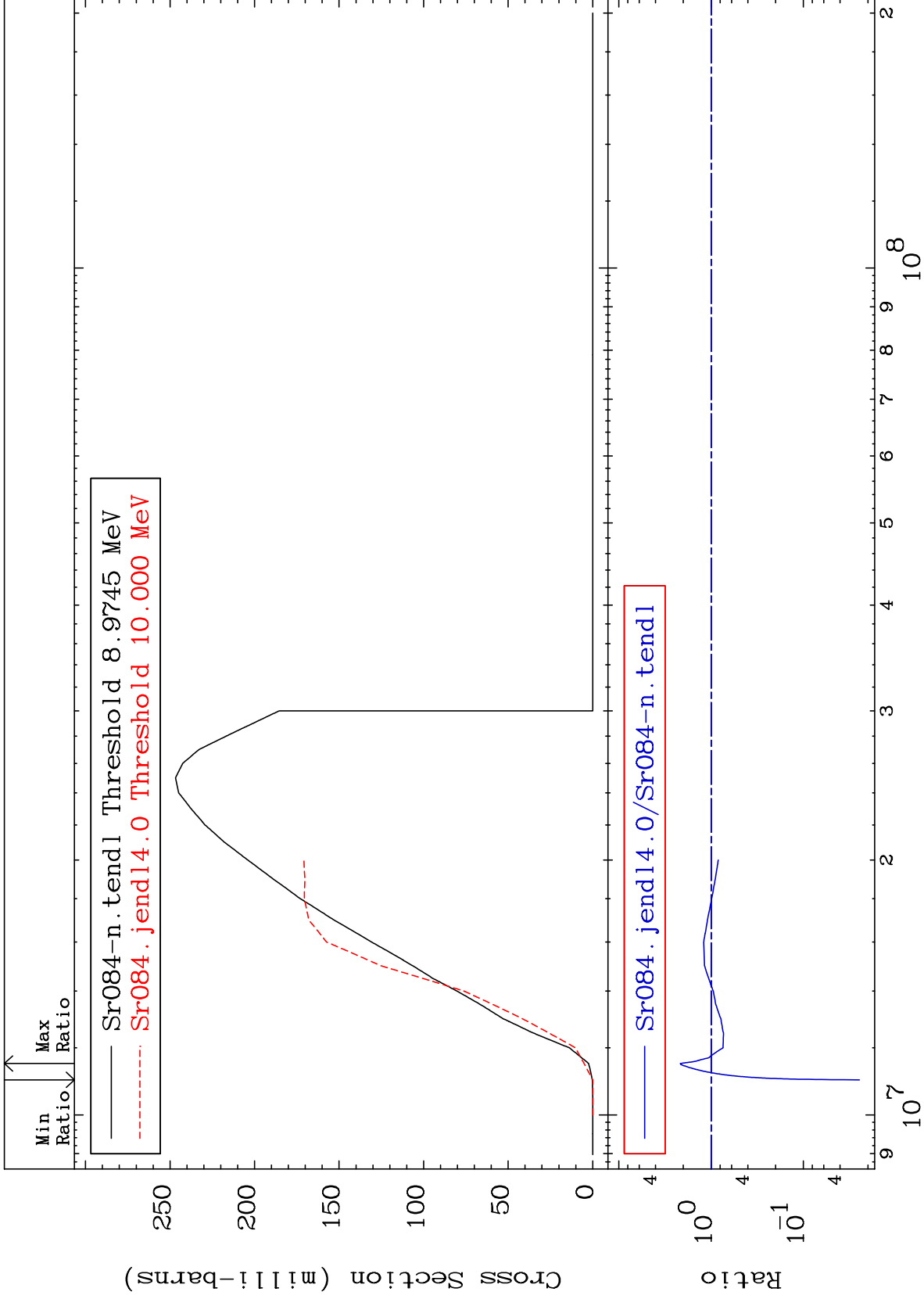
Incident Energy (eV)

³⁸Sr-⁸⁴

MAT 3825

(n,n') p
Cross Section

38-Sr-84
-97.53 To 115.3 %



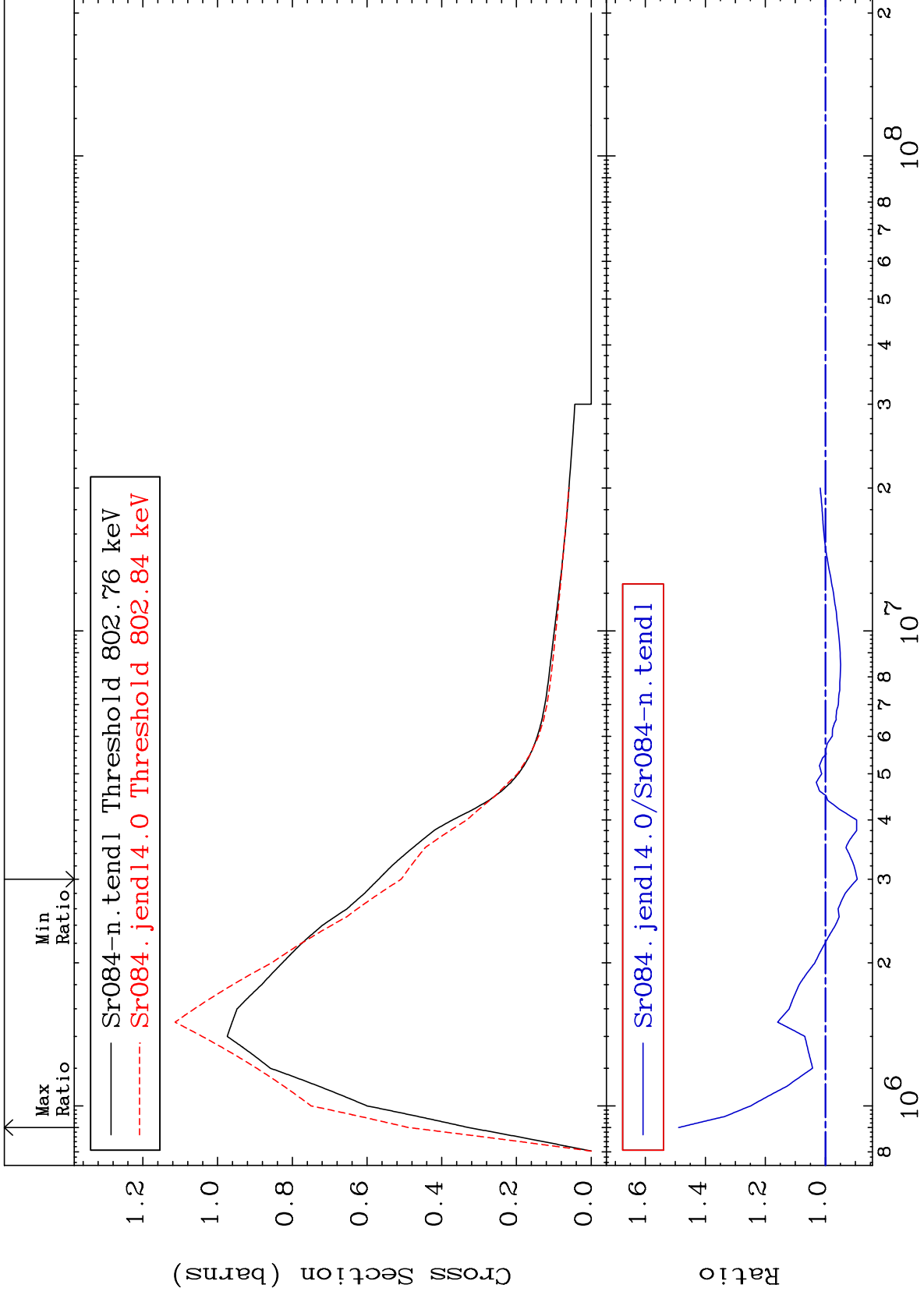
Incident Energy (eV)

38-Sr-84

MAT 3825

793.2 keV (n,n') Level
Cross Section

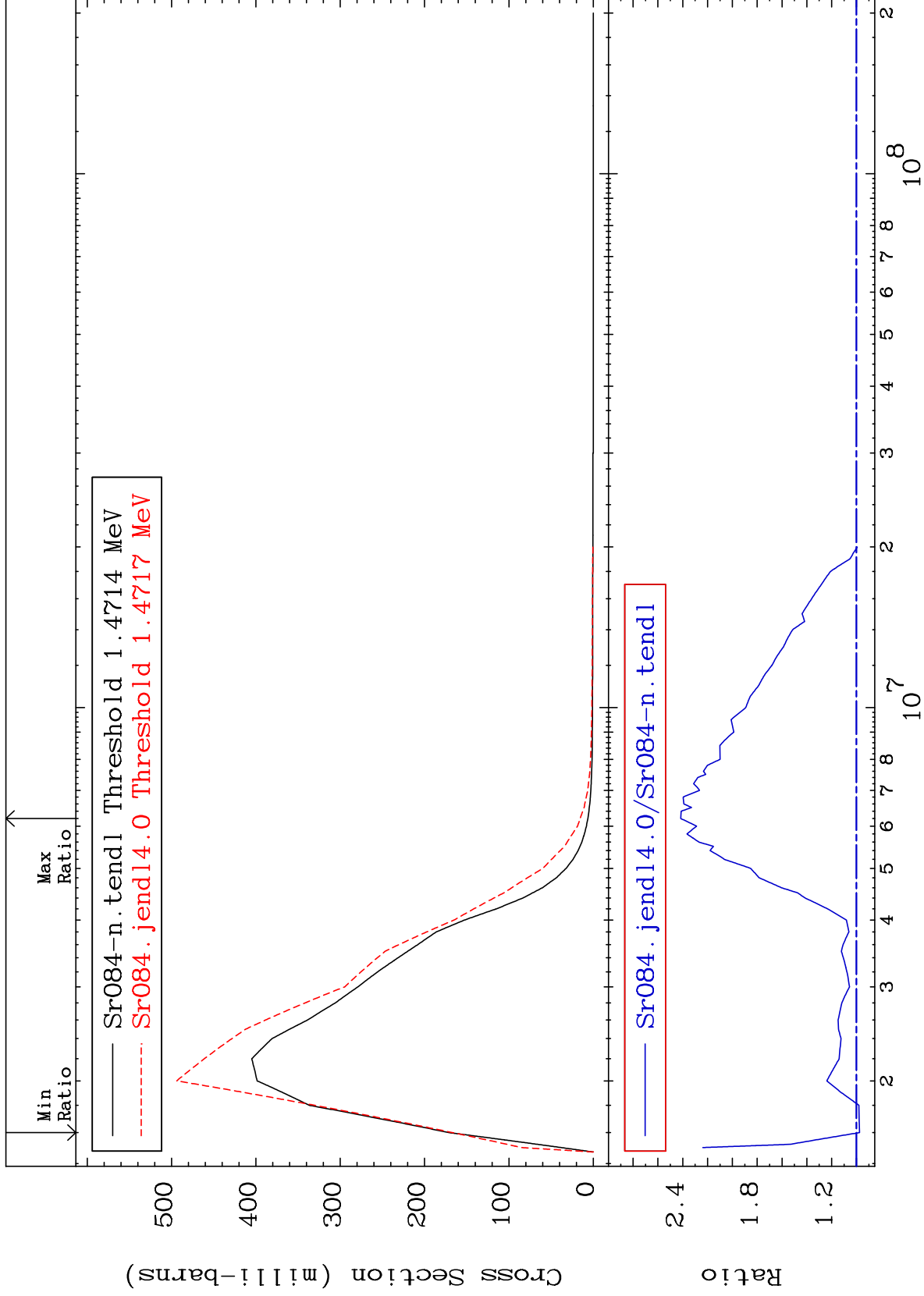
38-Sr-84
-10.62 To 48.90 %



7

Incident Energy (eV)

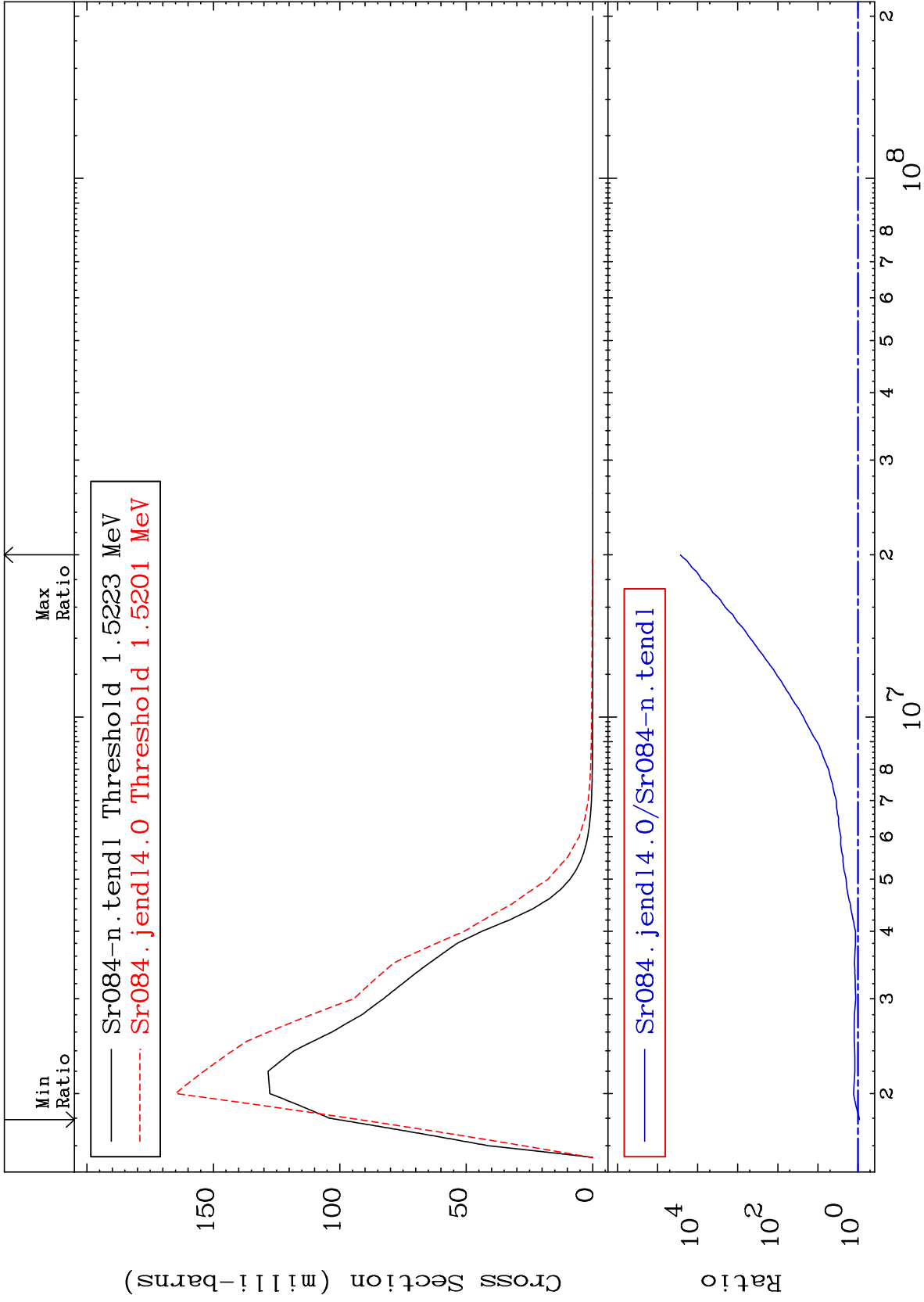
38-Sr-84



MAT 3825

1.504 MeV (n,n') Level
Cross Section

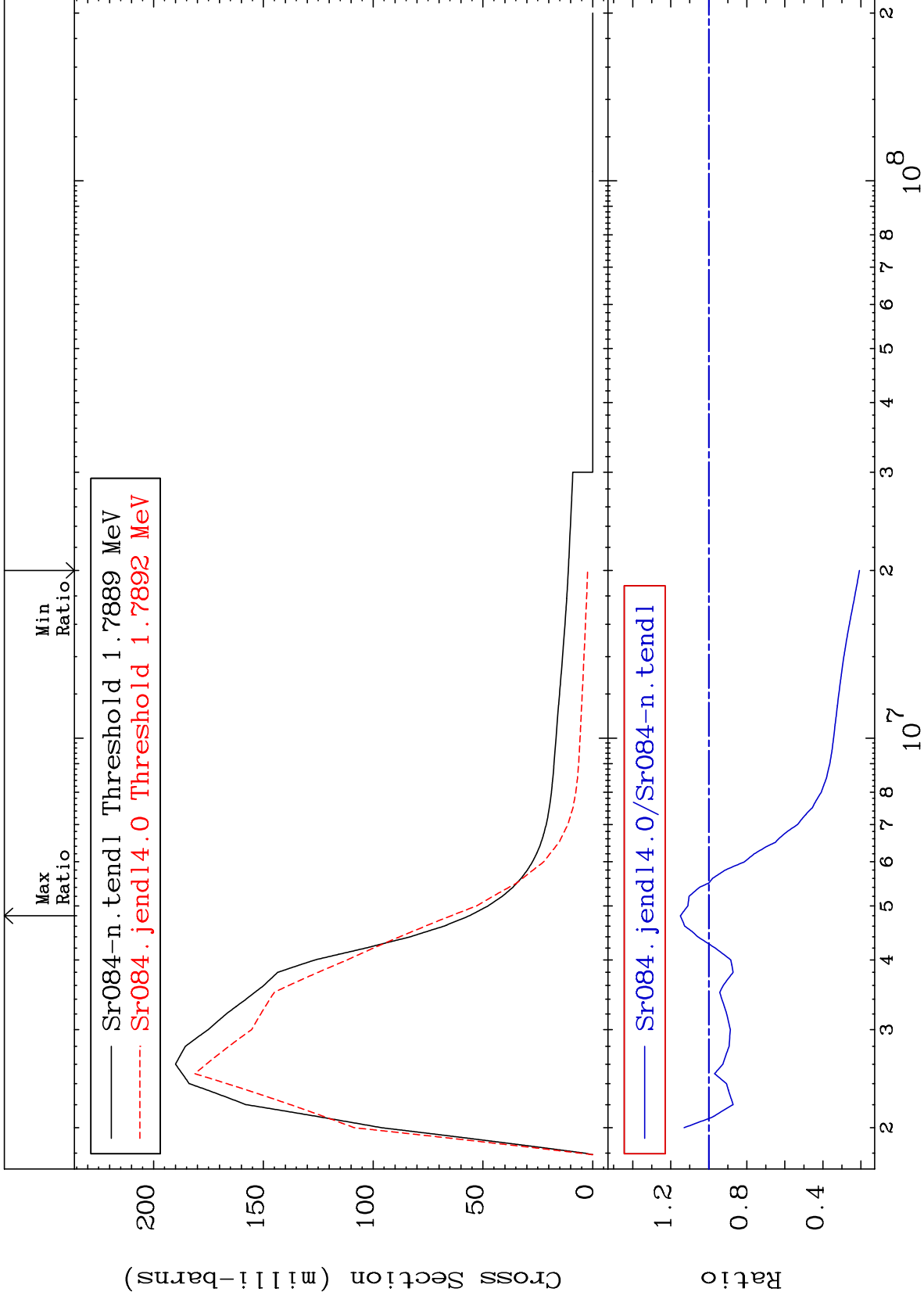
38-Sr-84
-8.169 To 9999. %



MAT 3825

1.768 MeV (n,n') Level
Cross Section

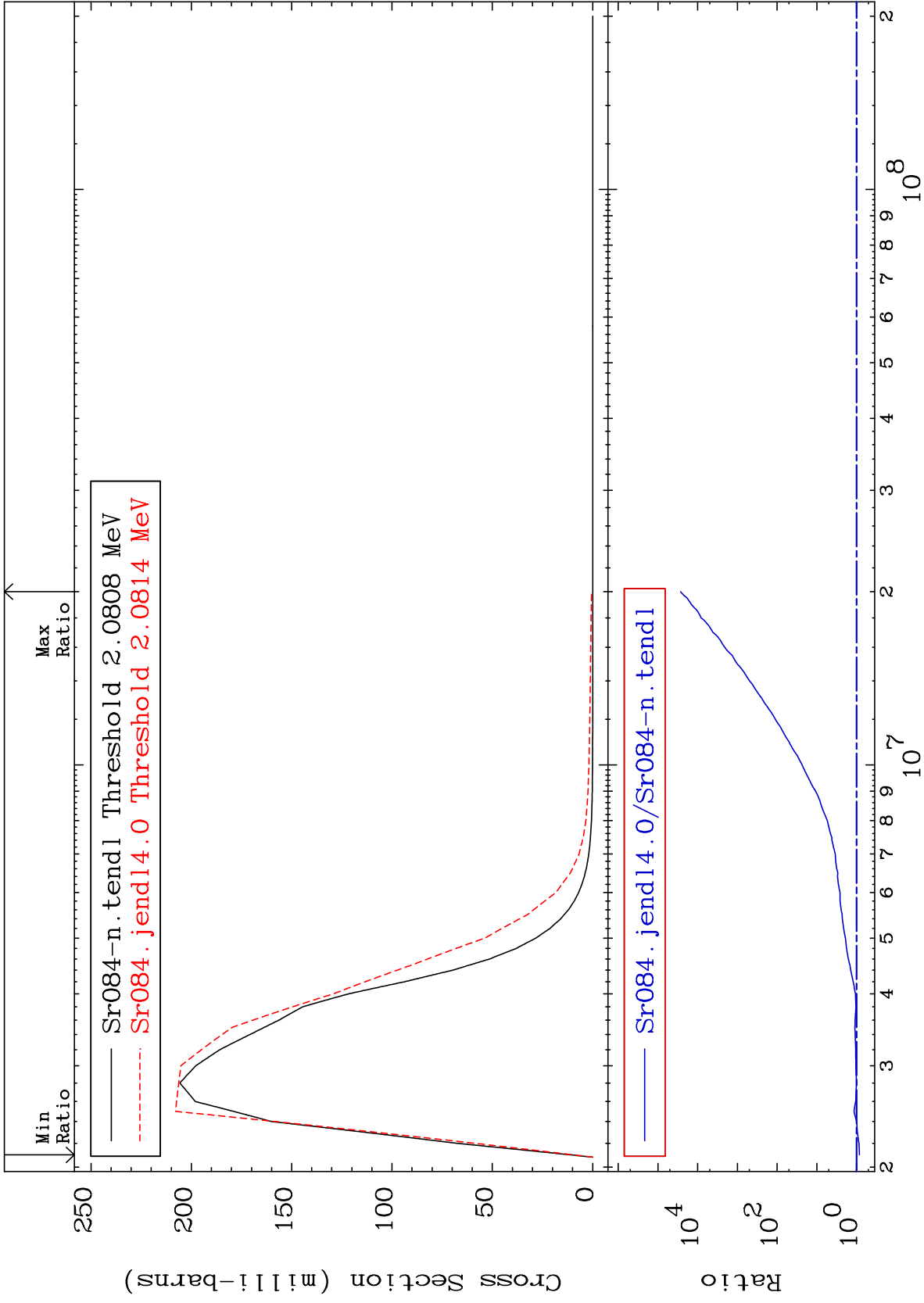
38-Sr-84
-79.19 To 14.94 %



10

Incident Energy (eV)

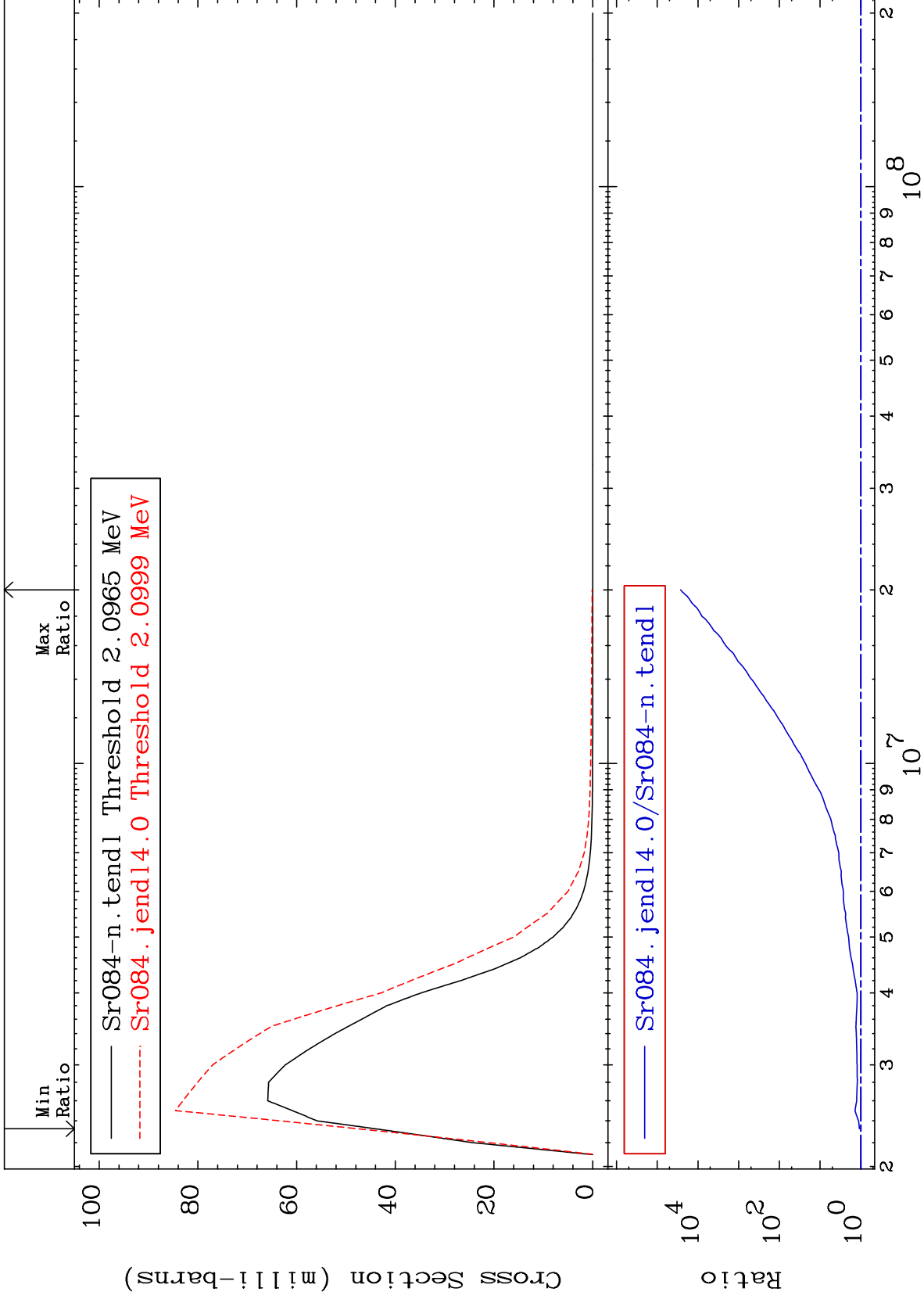
38-Sr-84



MAT 3825

2.072 MeV (n,n') Level
Cross Section

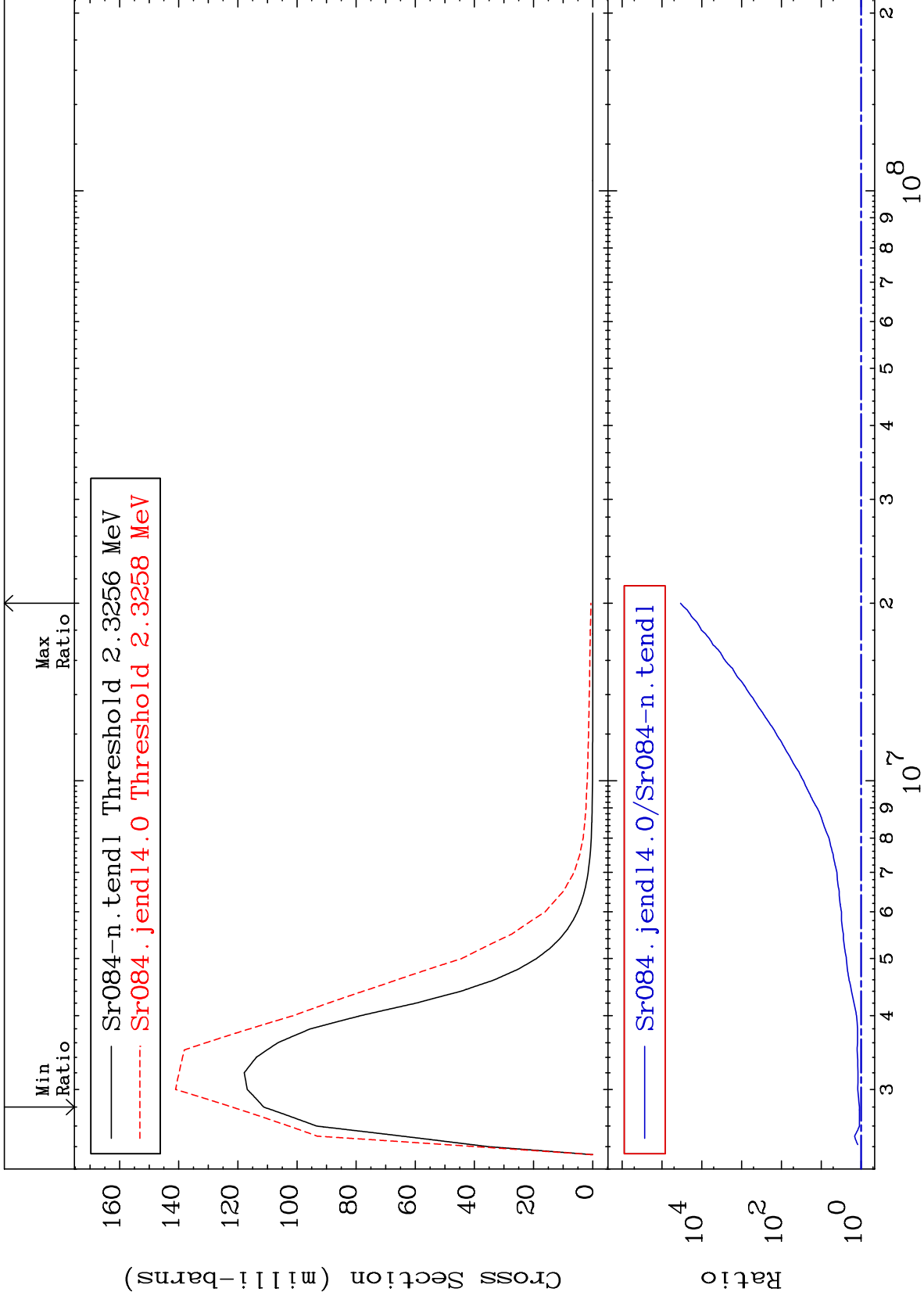
38-Sr-84
8.006 To 9999. %



MAT 3825

2.298 MeV (n,n') Level
Cross Section

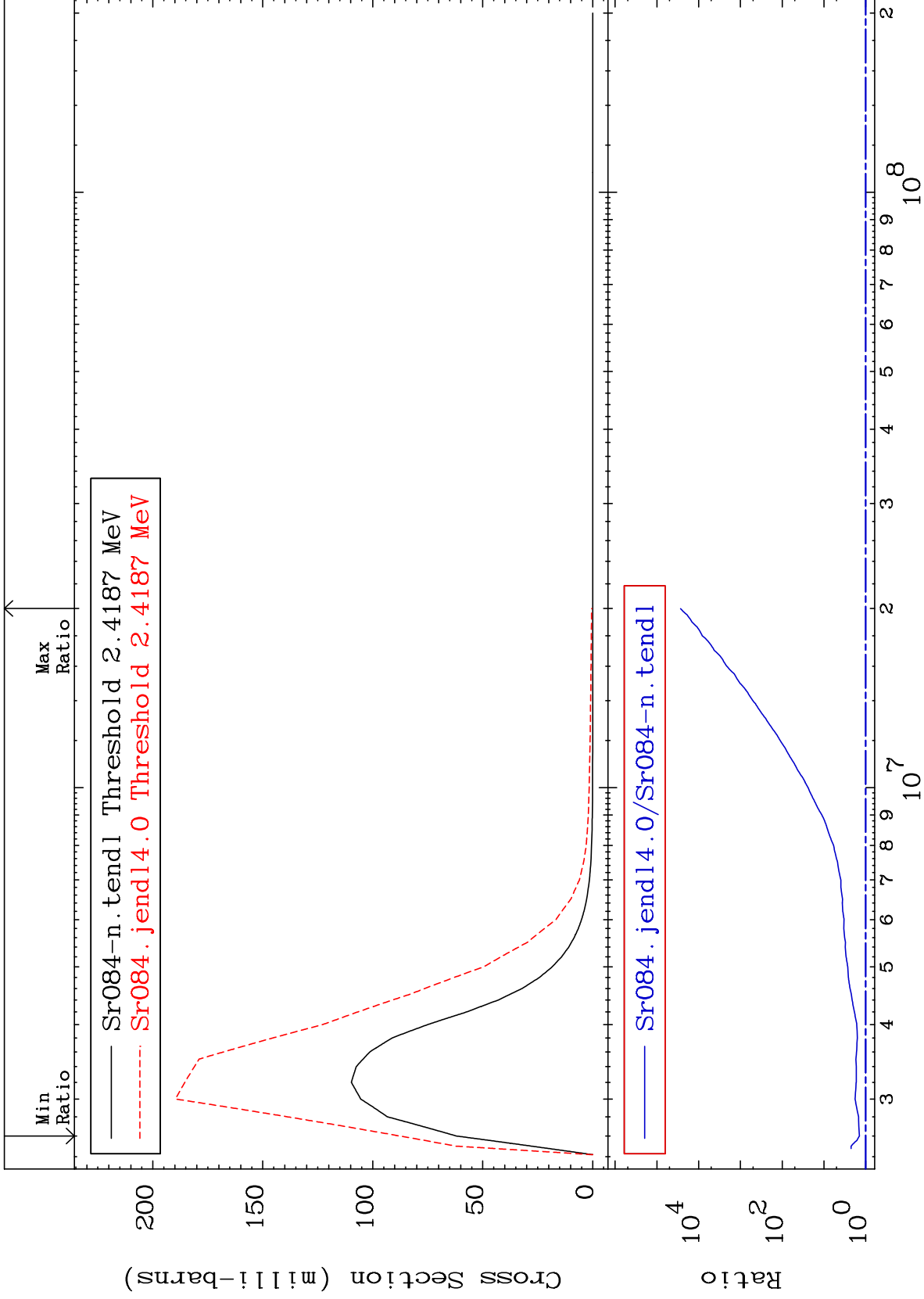
38-Sr-84
9.587 To 9999. %



MAT 3825

2.390 MeV (n,n') Level
Cross Section

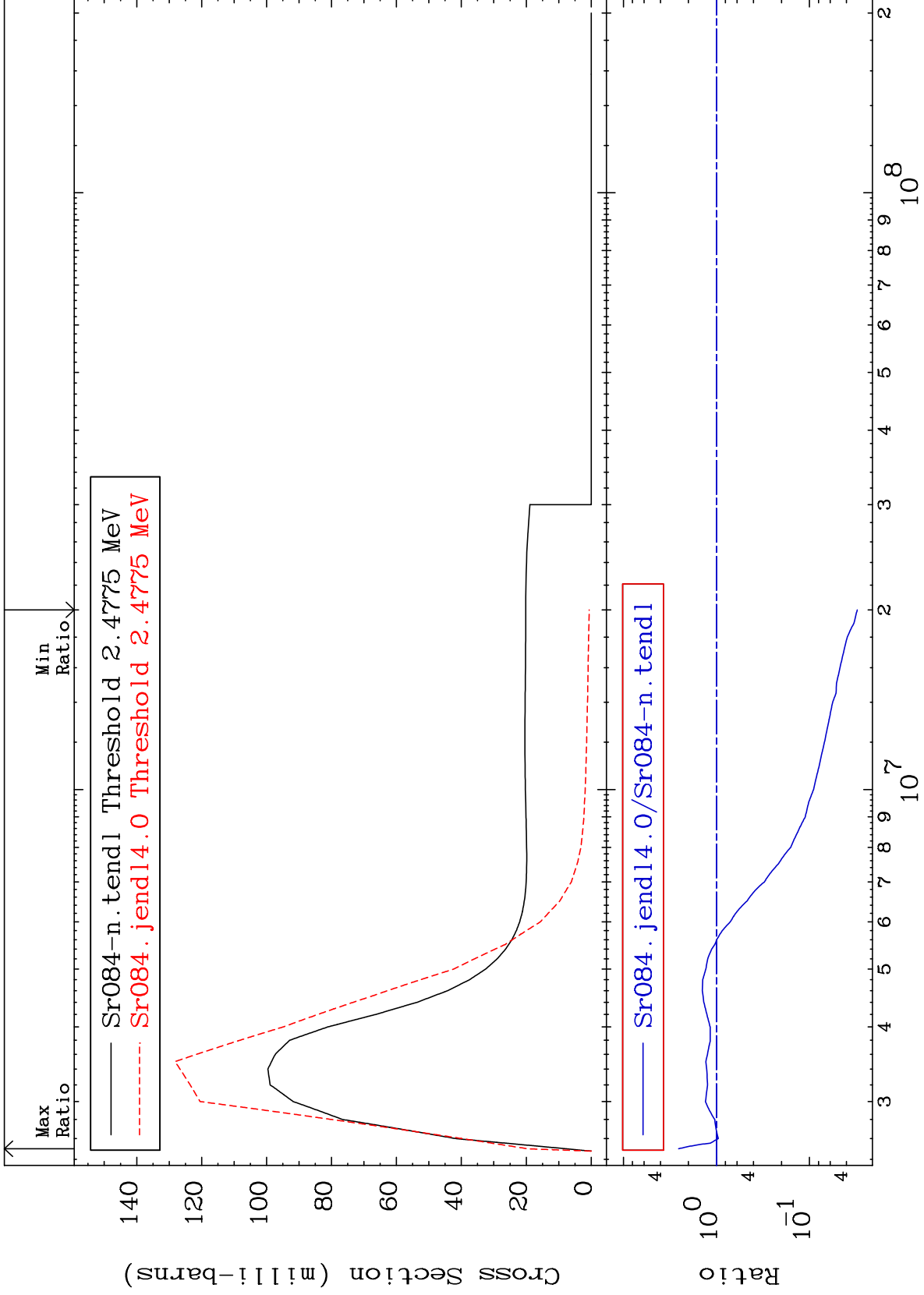
38-Sr-84
41.49 To 9999. %



MAT 3825

2.448 MeV (n,n') Level
Cross Section

38-Sr-84
-96.93 To 155.1 %



15

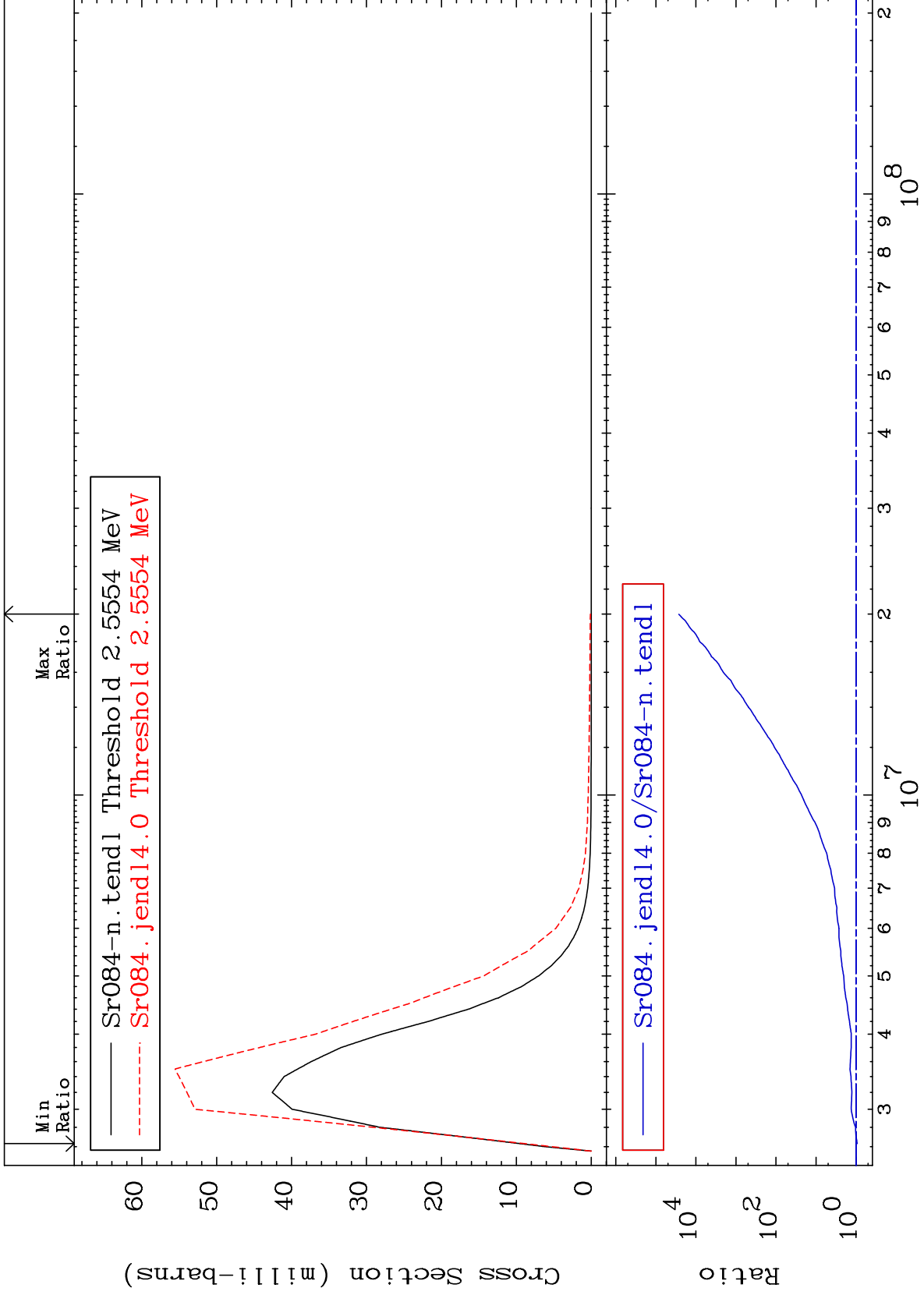
38-Sr-84

38-Sr-84

MAT 3825

2.525 MeV (n,n') Level
Cross Section

38-Sr-84
-6.689 To 9999. %



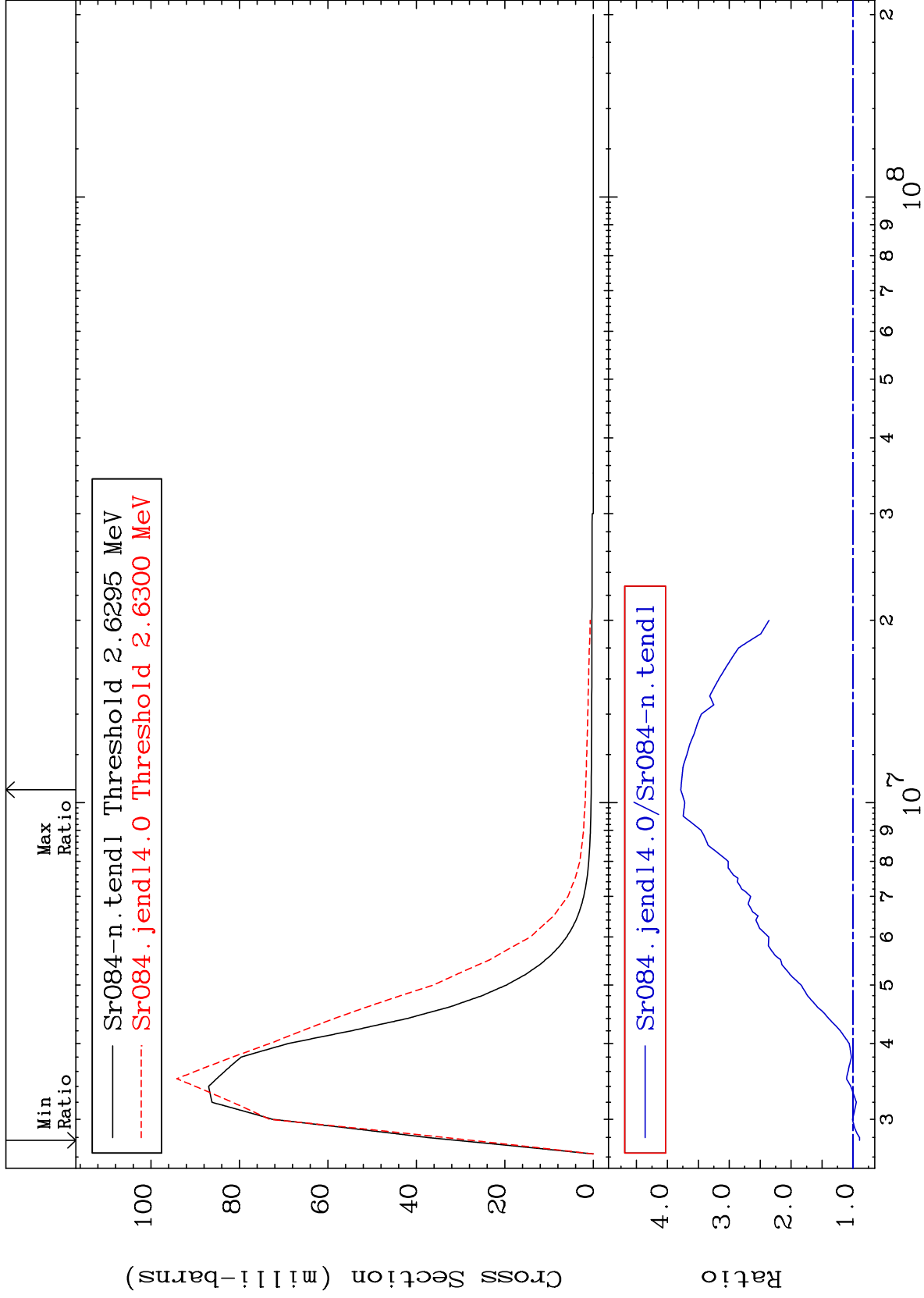
MAT 3825

2.598 MeV (n,n') Level

38-Sr-84

-10.61 To 278.4 %

Cross Section



17

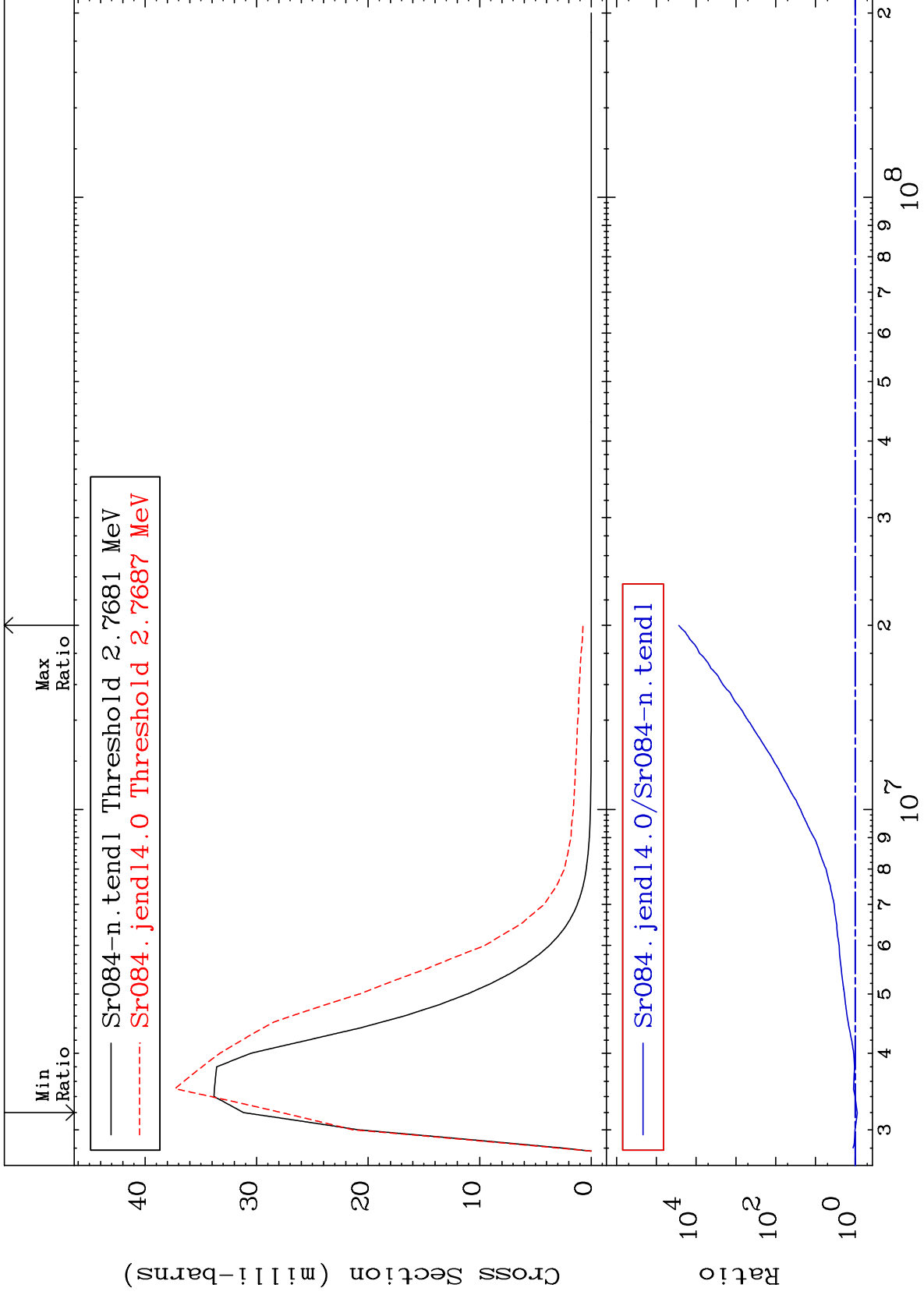
Incident Energy (eV)

38-Sr-84

MAT 3825

2.735 MeV (n,n') Level
Cross Section

38-Sr-84
-10.98 To 9999. %



18

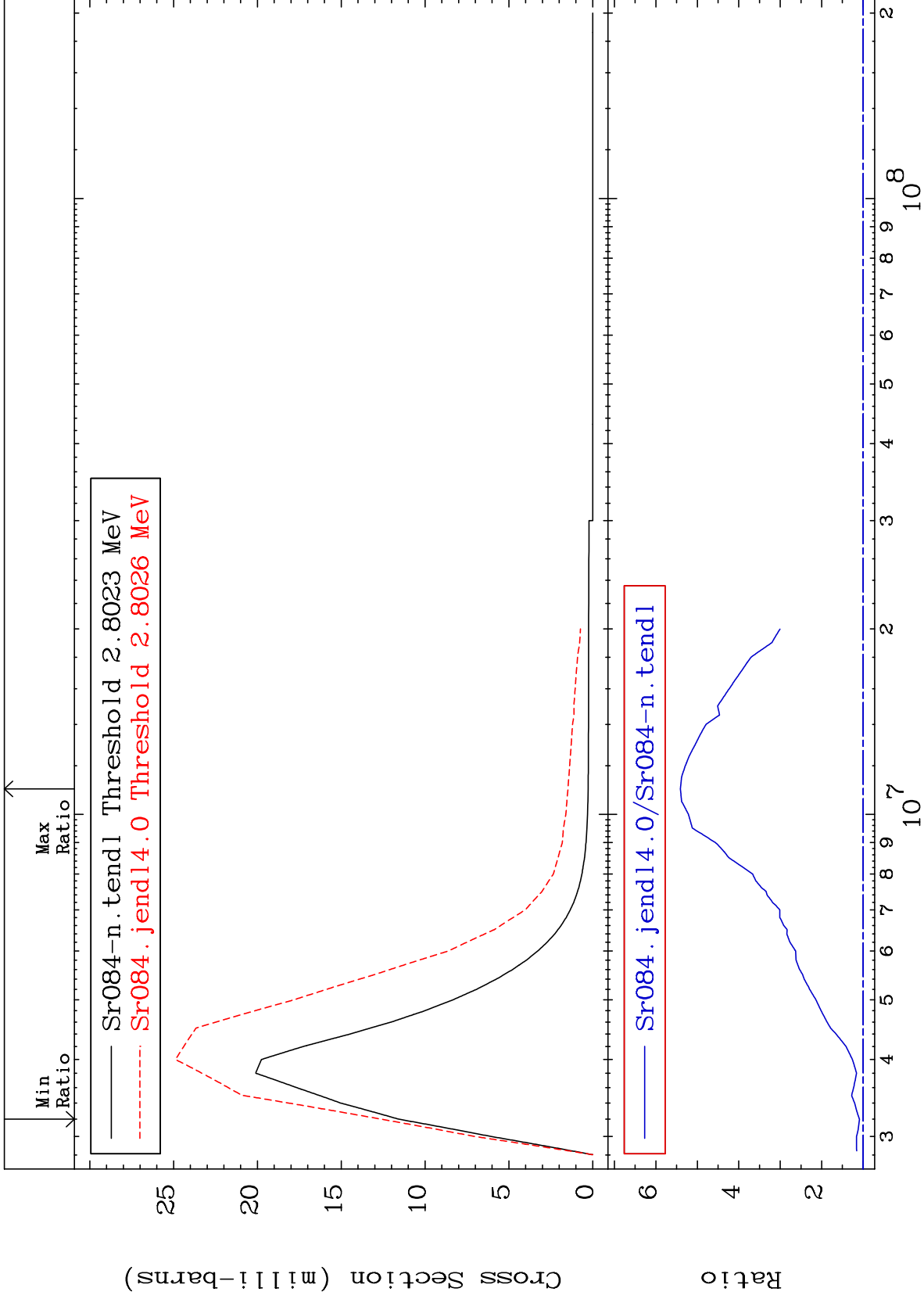
Incident Energy (eV)

38-Sr-84

MAT 3825

2.769 MeV (n,n') Level
Cross Section

38-Sr-84
8.989 To 440.9 %



19

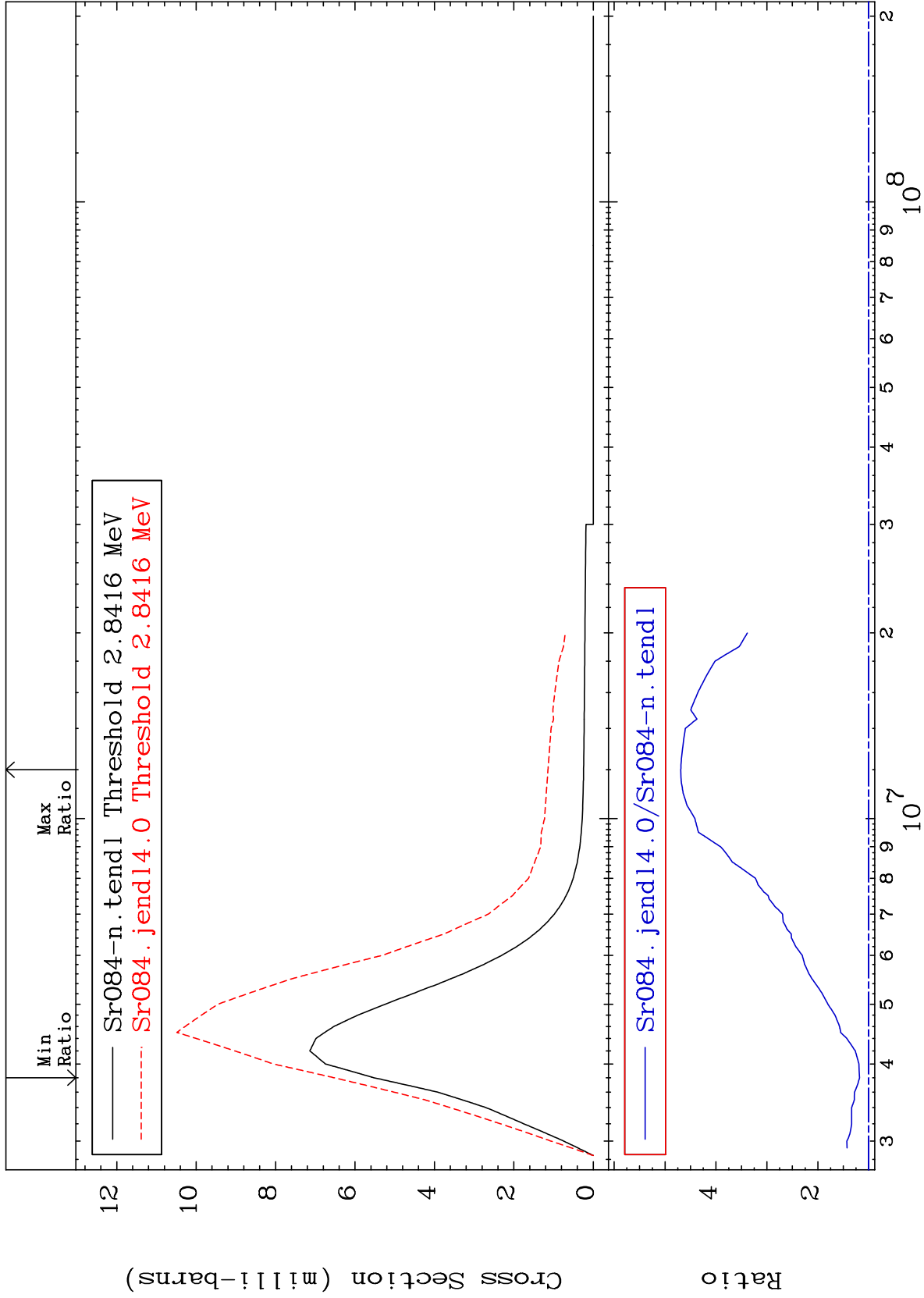
MAT 3825

2.808 MeV (n,n') Level

38-Sr-84

18.15 To 369.2 %

Cross Section



20

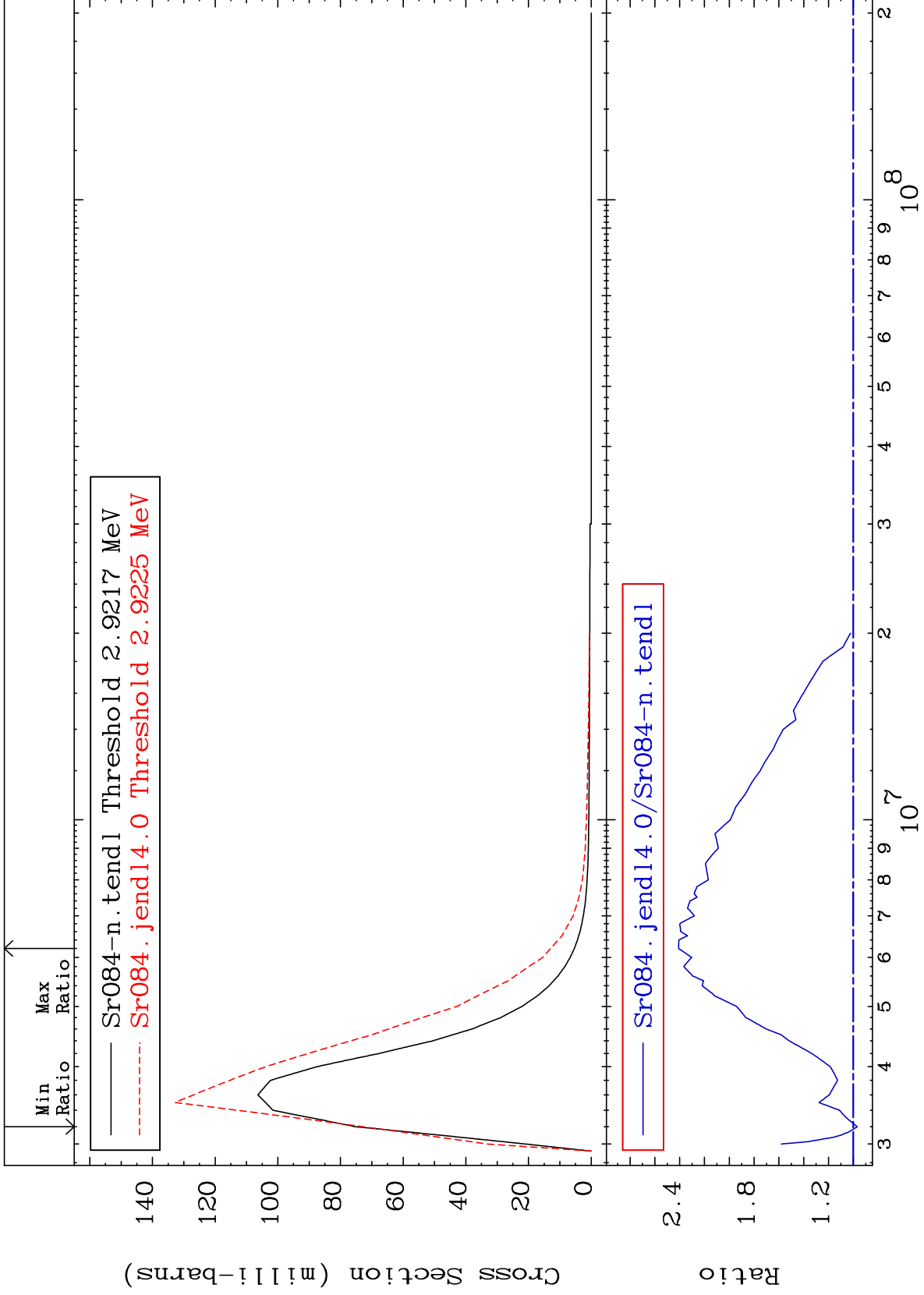
Incident Energy (eV)

38-Sr-84

MAT 3825

2.887 MeV (n,n') Level
Cross Section

38-Sr-84
-3.166 To 140.8 %



21

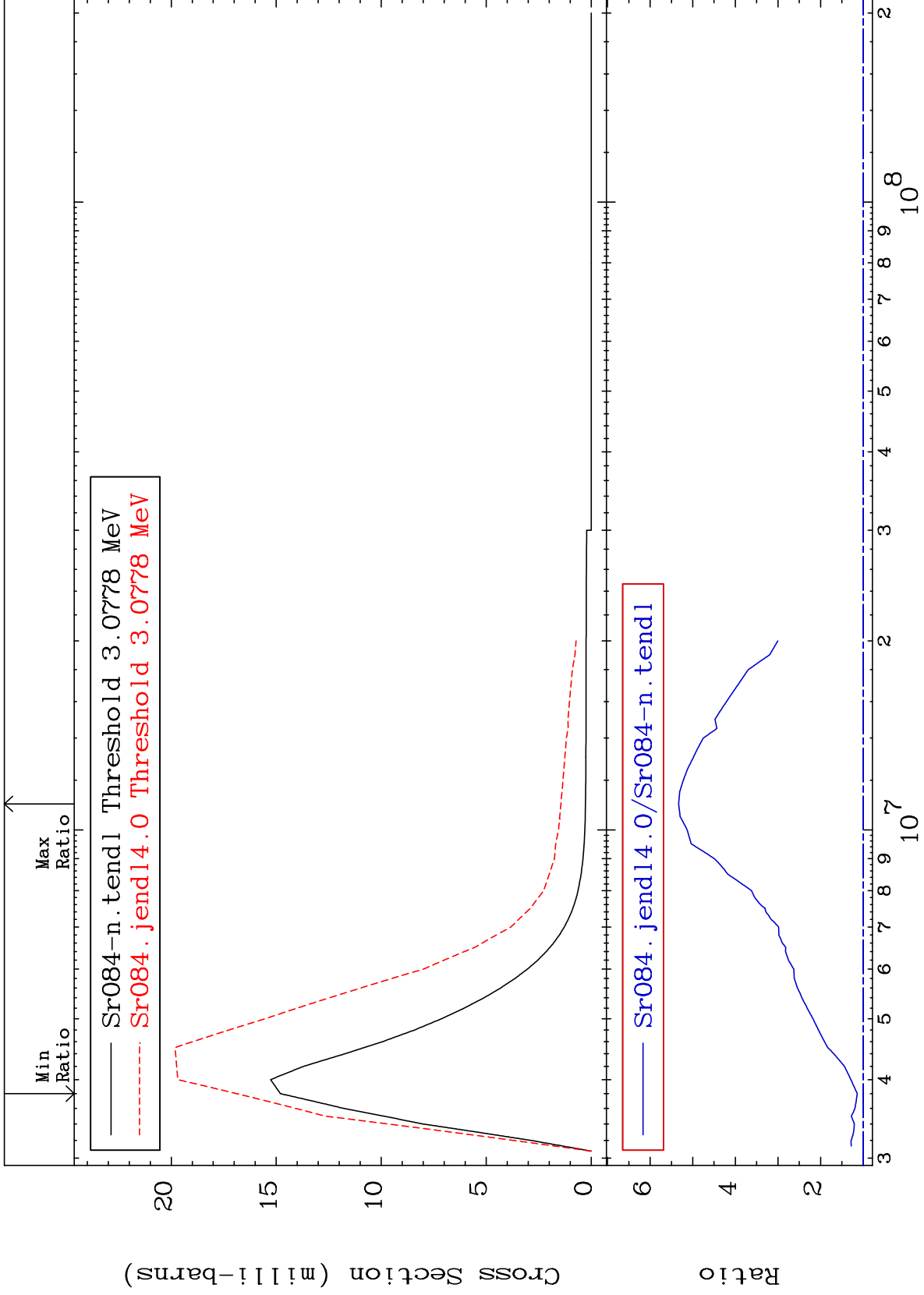
Incident Energy (eV)

38-Sr-84

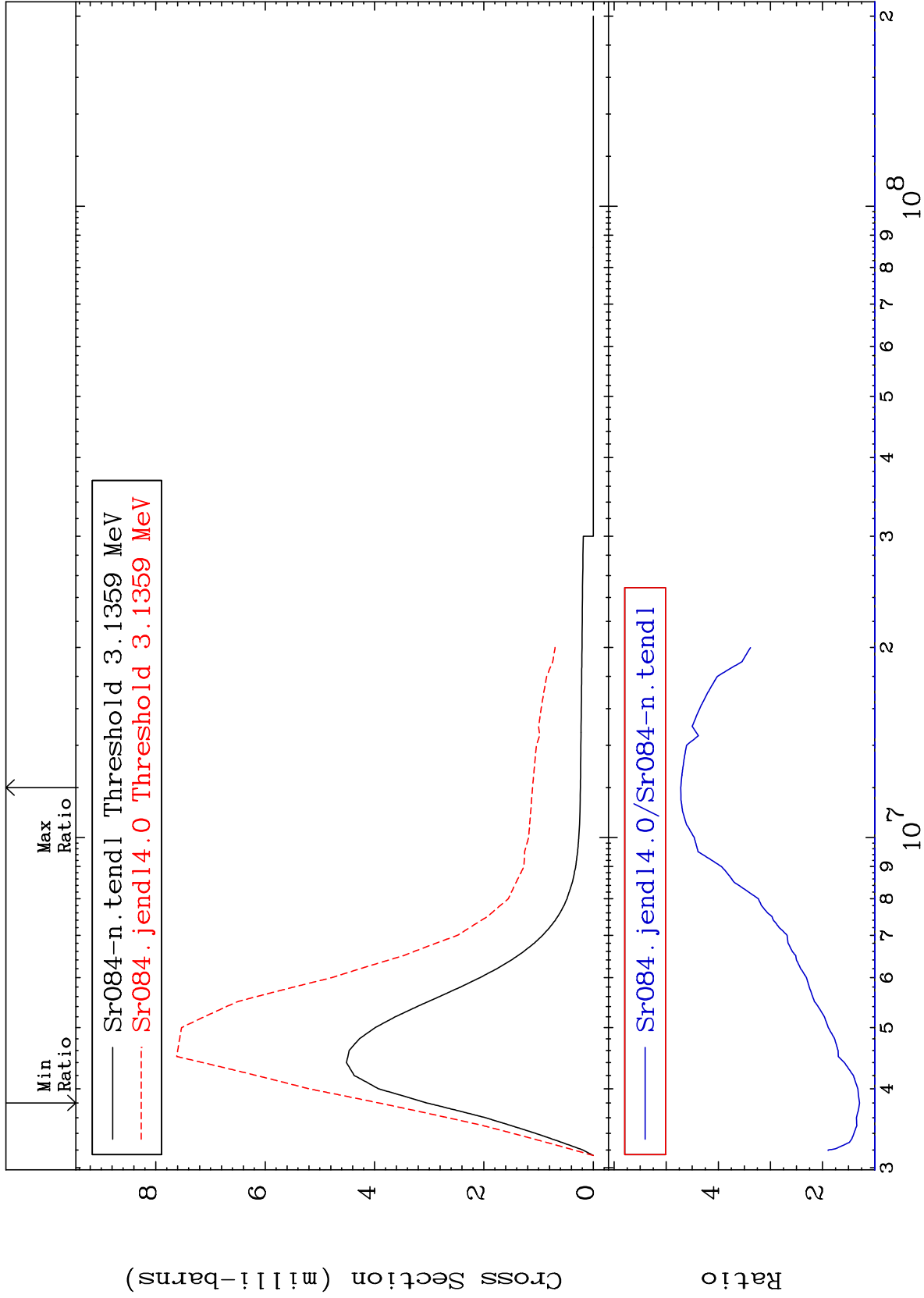
MAT 3825

3.041 MeV (n,n') Level
Cross Section

38-Sr-84
14.04 To 433.1 %



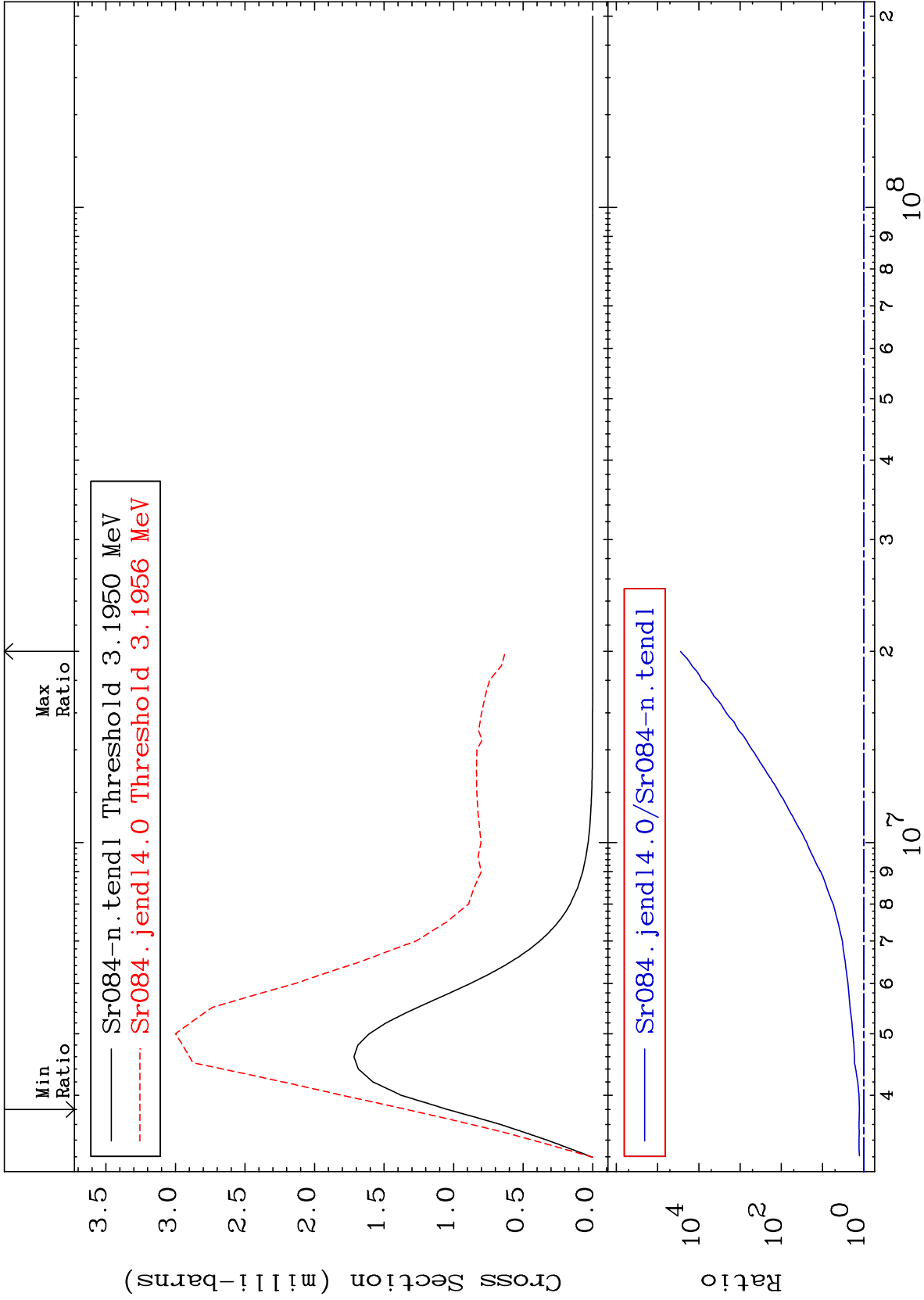
MAT 3825 38-Sr-84
 3.099 MeV (n,n') Level 29.00 To 372.1 %
 Cross Section



MAT 3825

3.157 MeV (n,n') Level
Cross Section

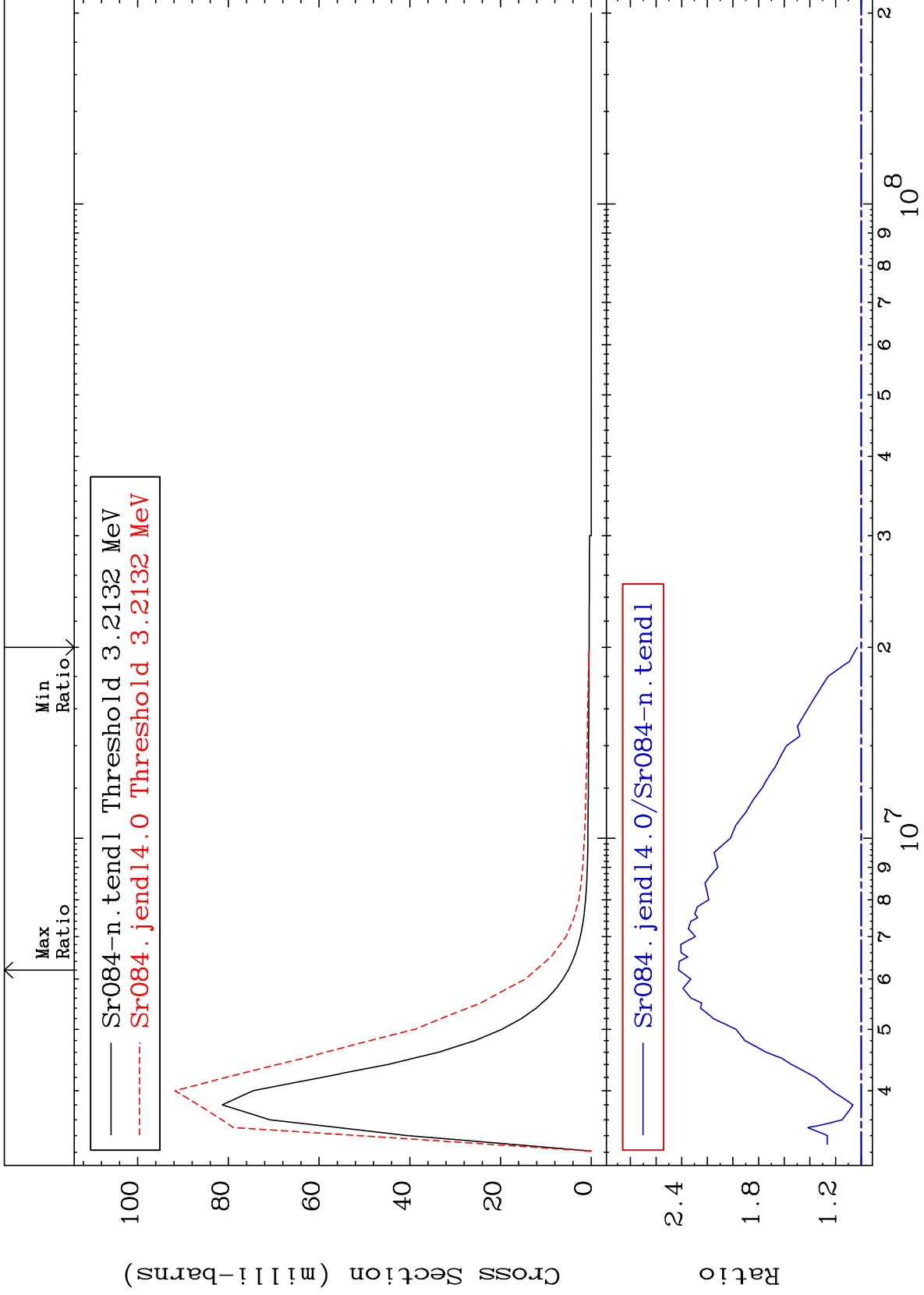
38-Sr-84
28.12 To 9999. %



MAT 3825

3.175 MeV (n,n') Level
Cross Section

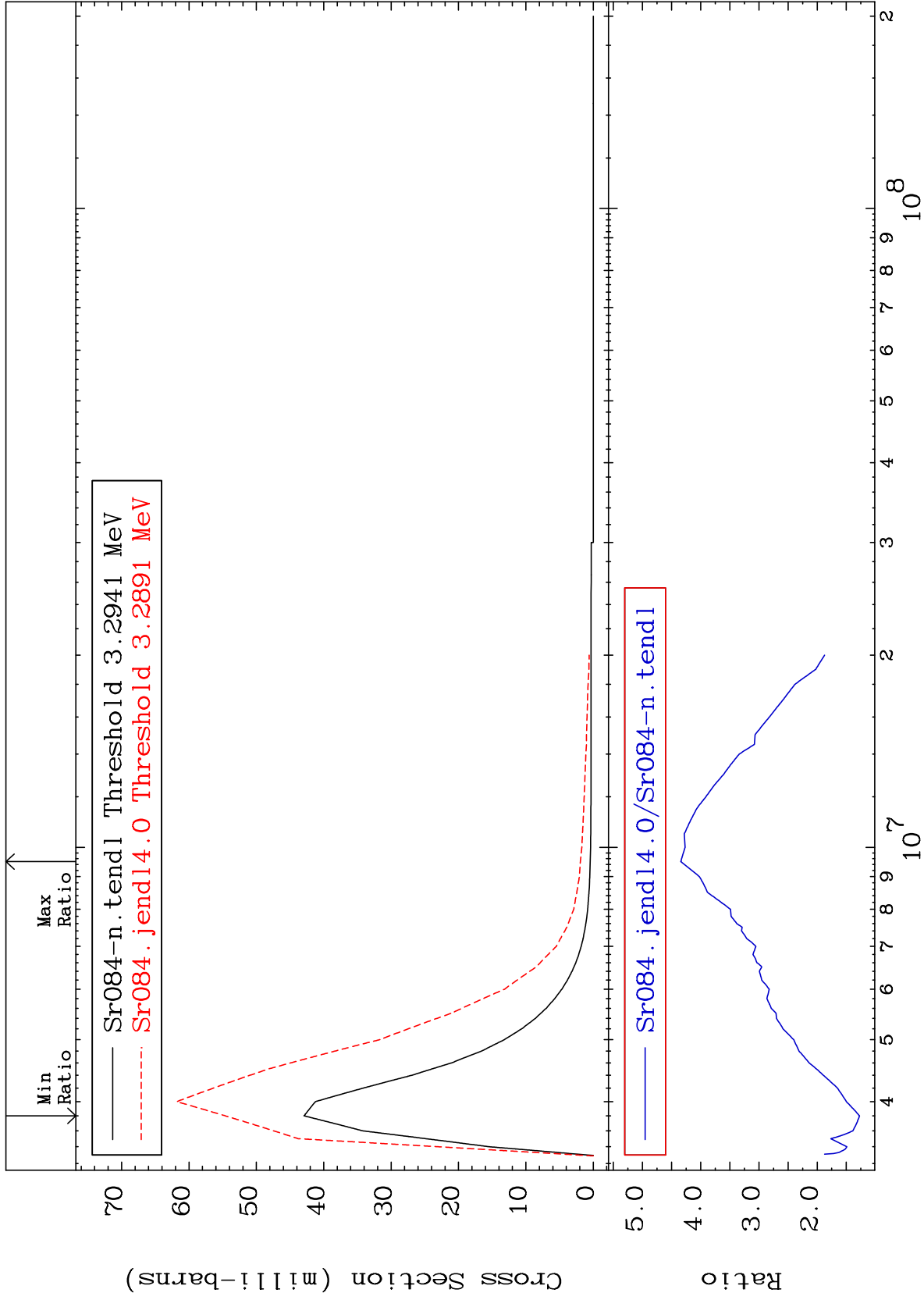
38-Sr-84
3.059 To 142.4 %

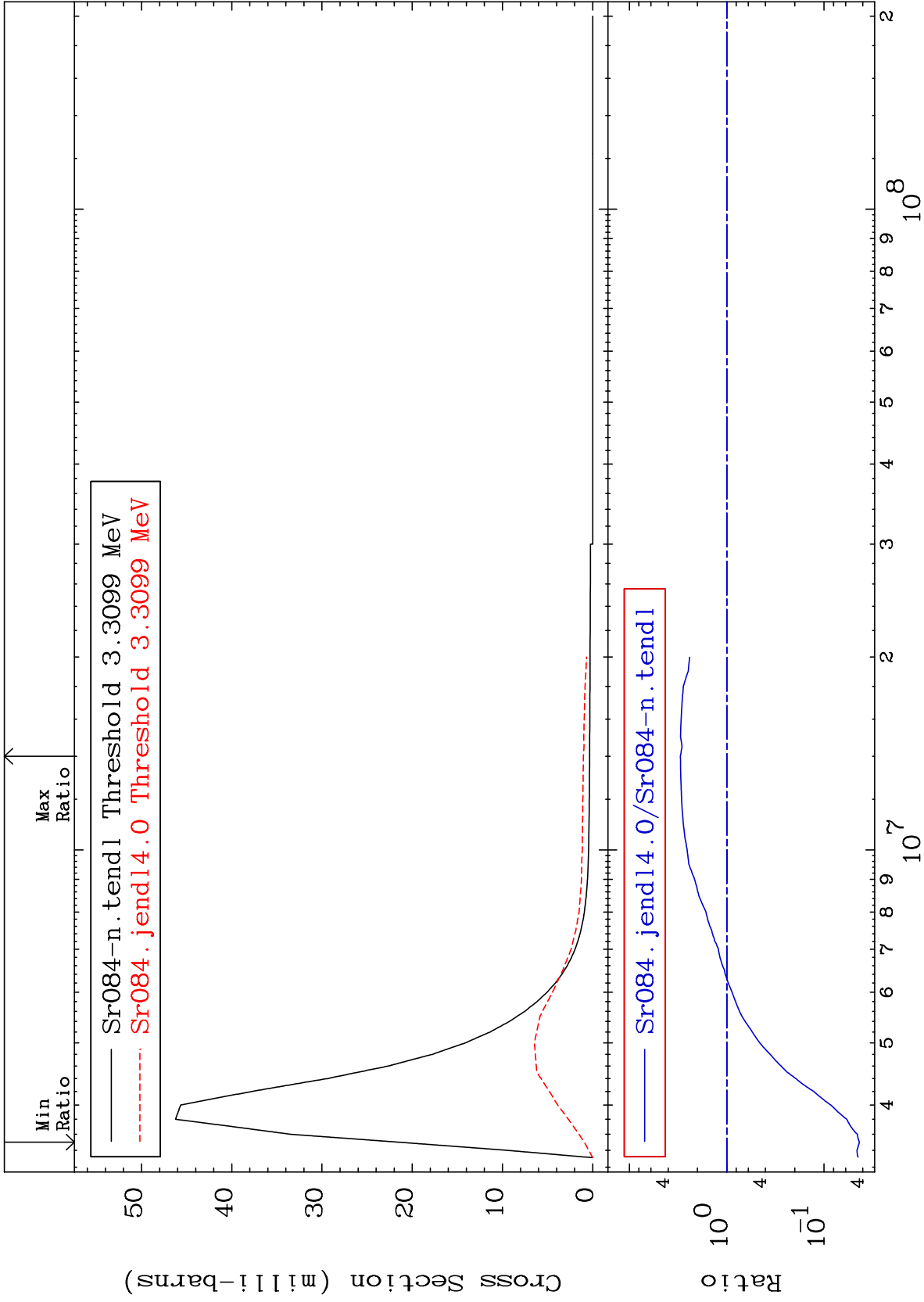


25

Incident Energy (eV)

38-Sr-84

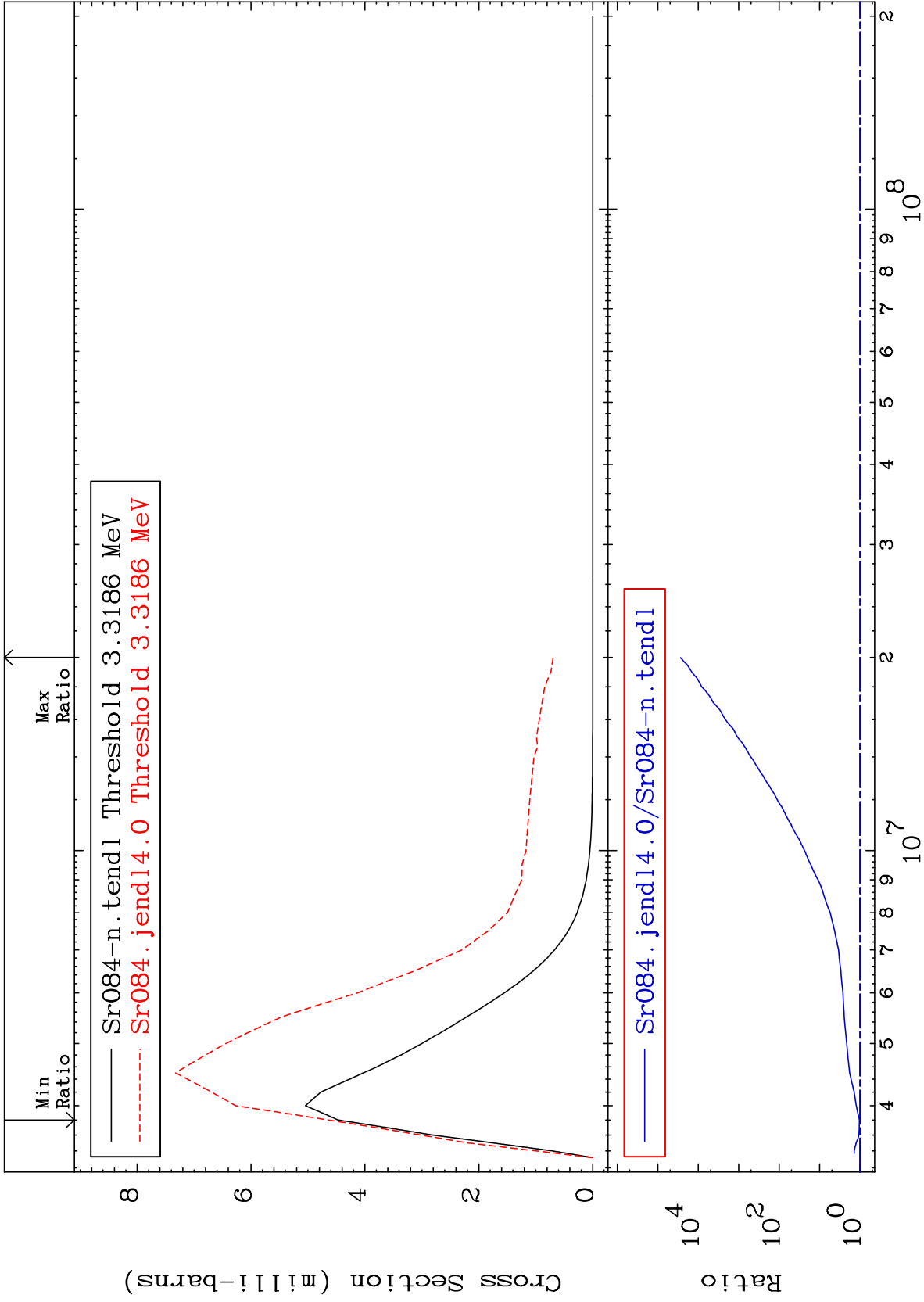


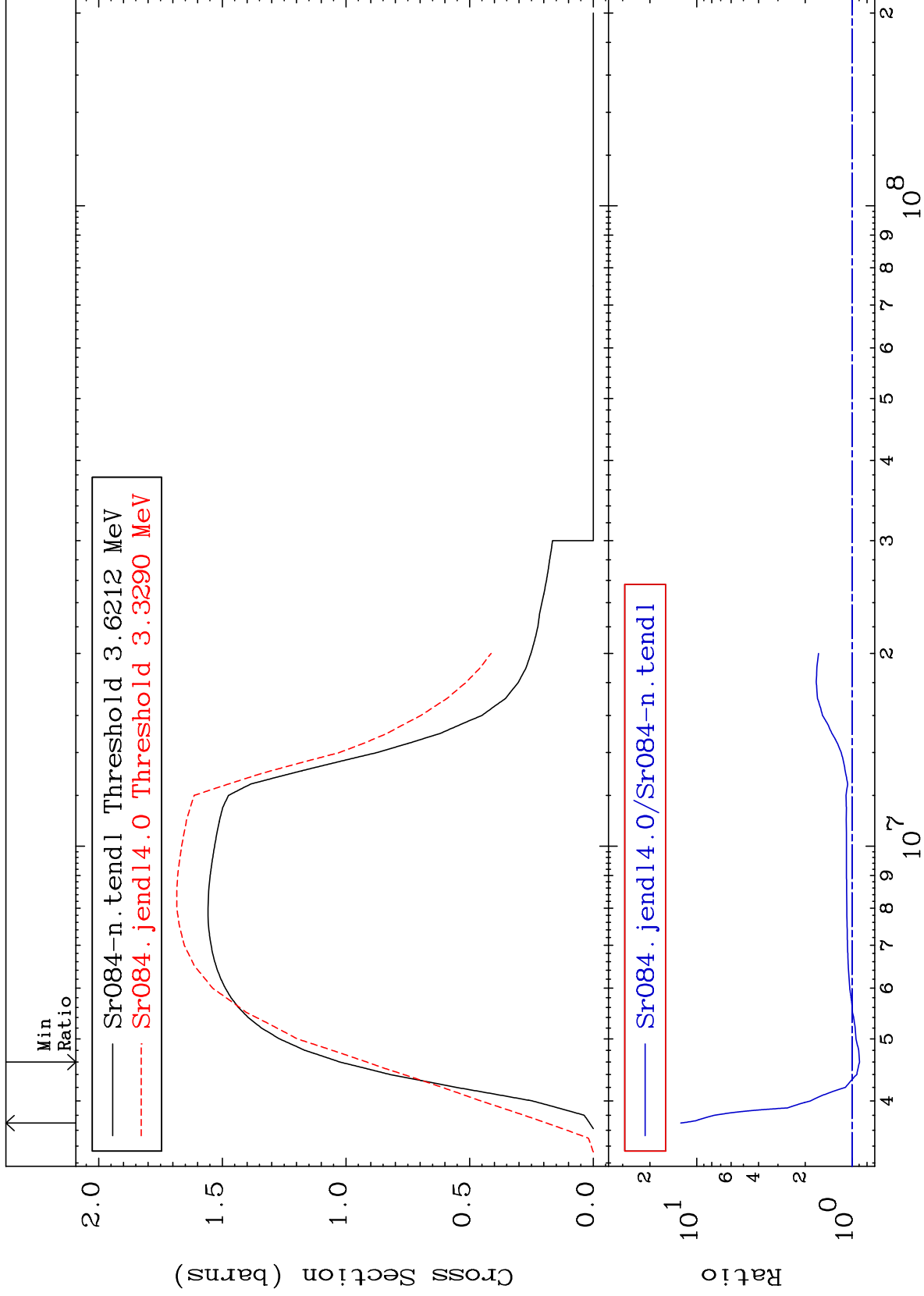


MAT 3825

3.279 MeV (n,n') Level
Cross Section

38-Sr-84
3.856 To 9999. %





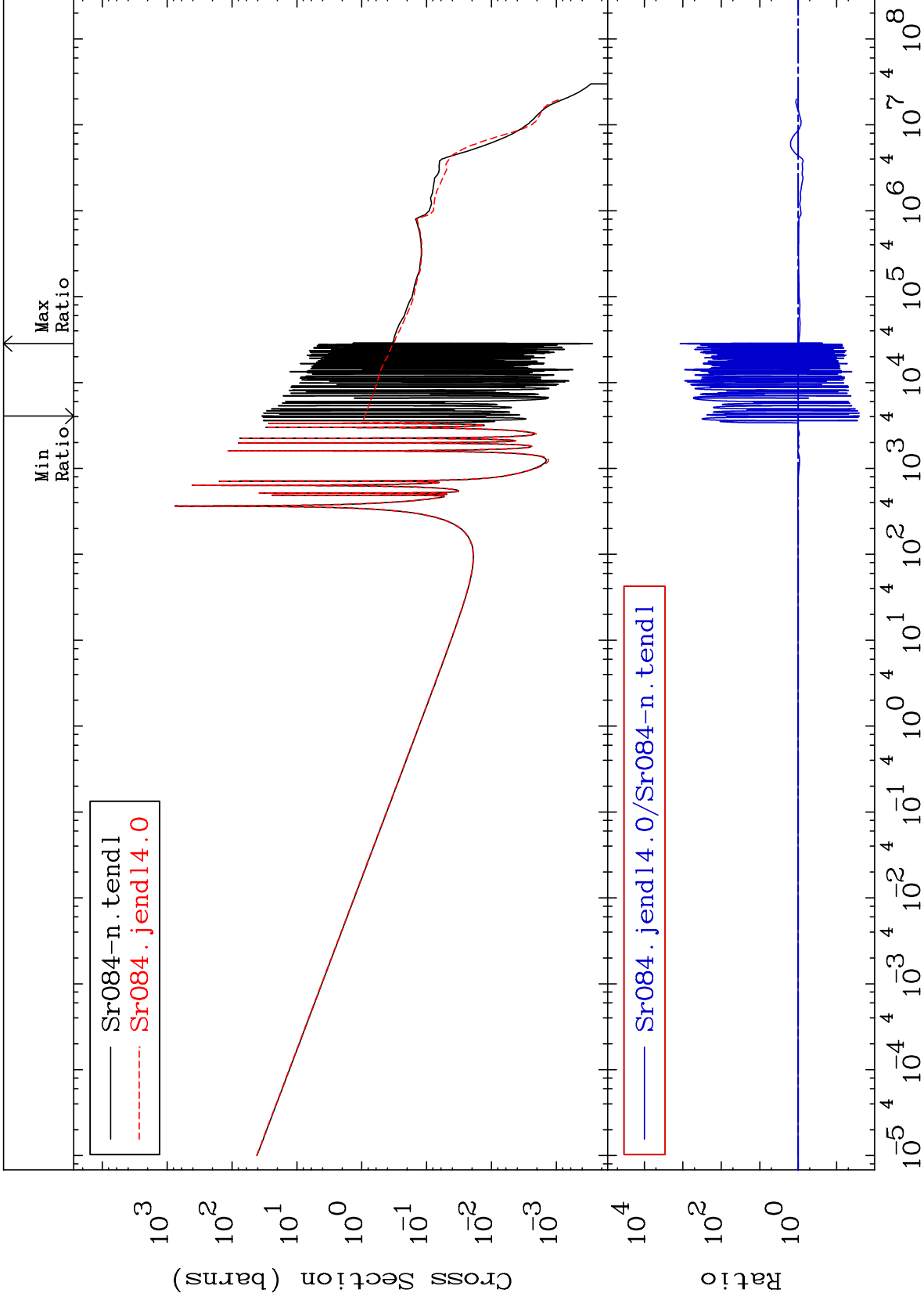
MAT 3825

(n, γ)

38-Sr-84

Cross Section

-97.43 To 9999. %



30

Incident Energy (eV)

38-Sr-84

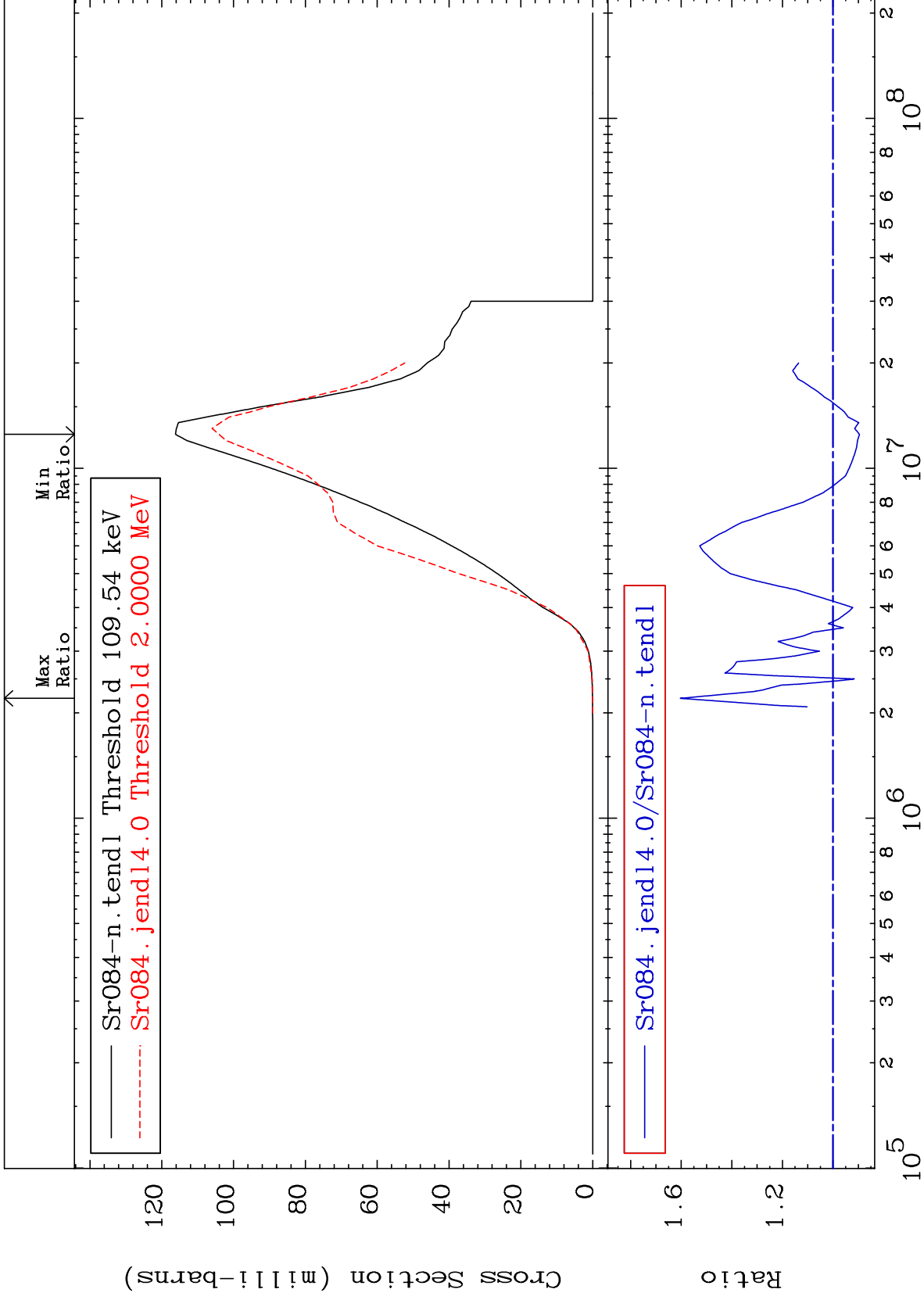
MAT 3825

(n,p)

38-Sr-84

Cross Section

-10.44 To 60.34 %



38-Sr-84

38-Sr-84

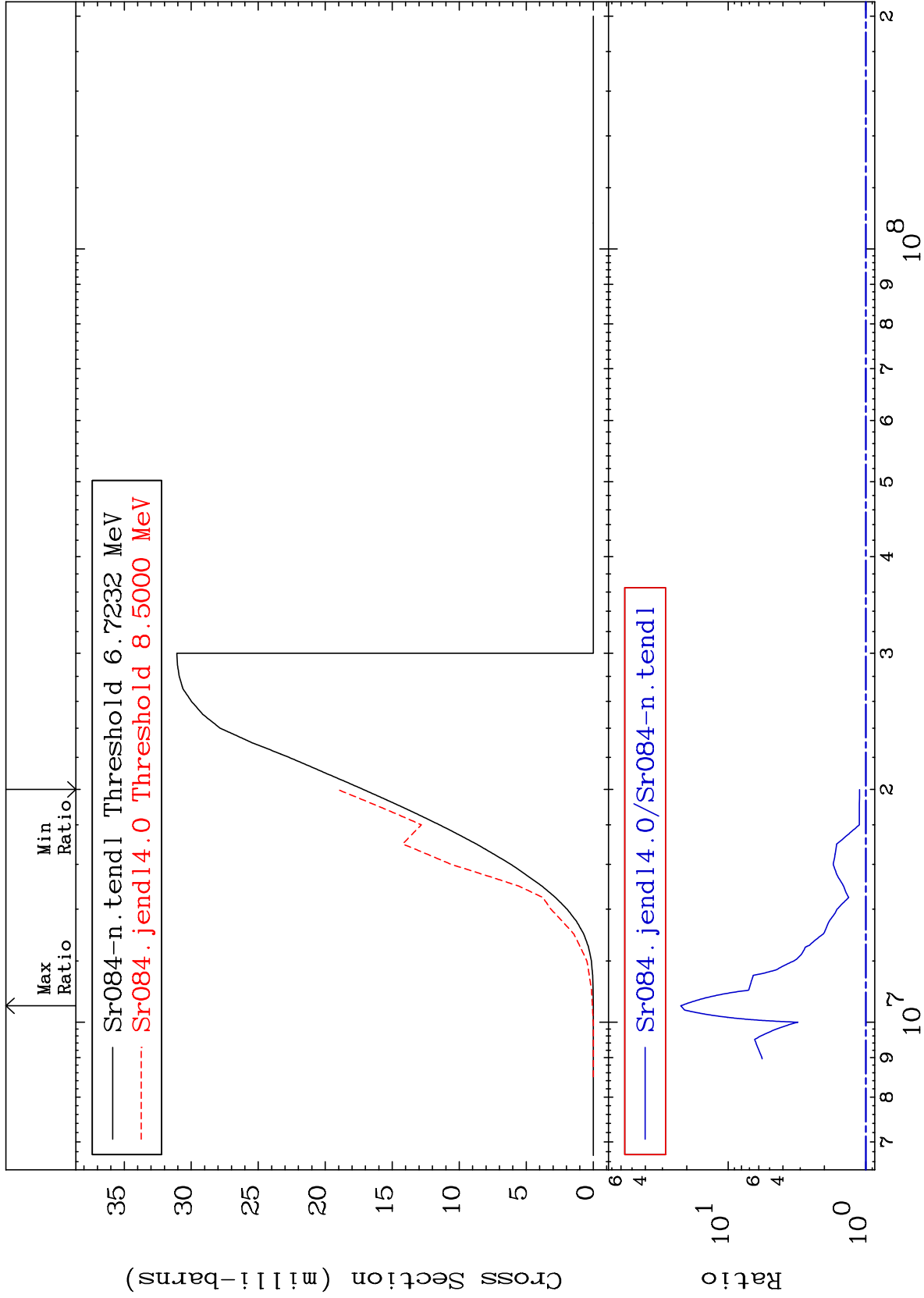
MAT 3825

(n, d)

³⁸Sr-84

Cross Section

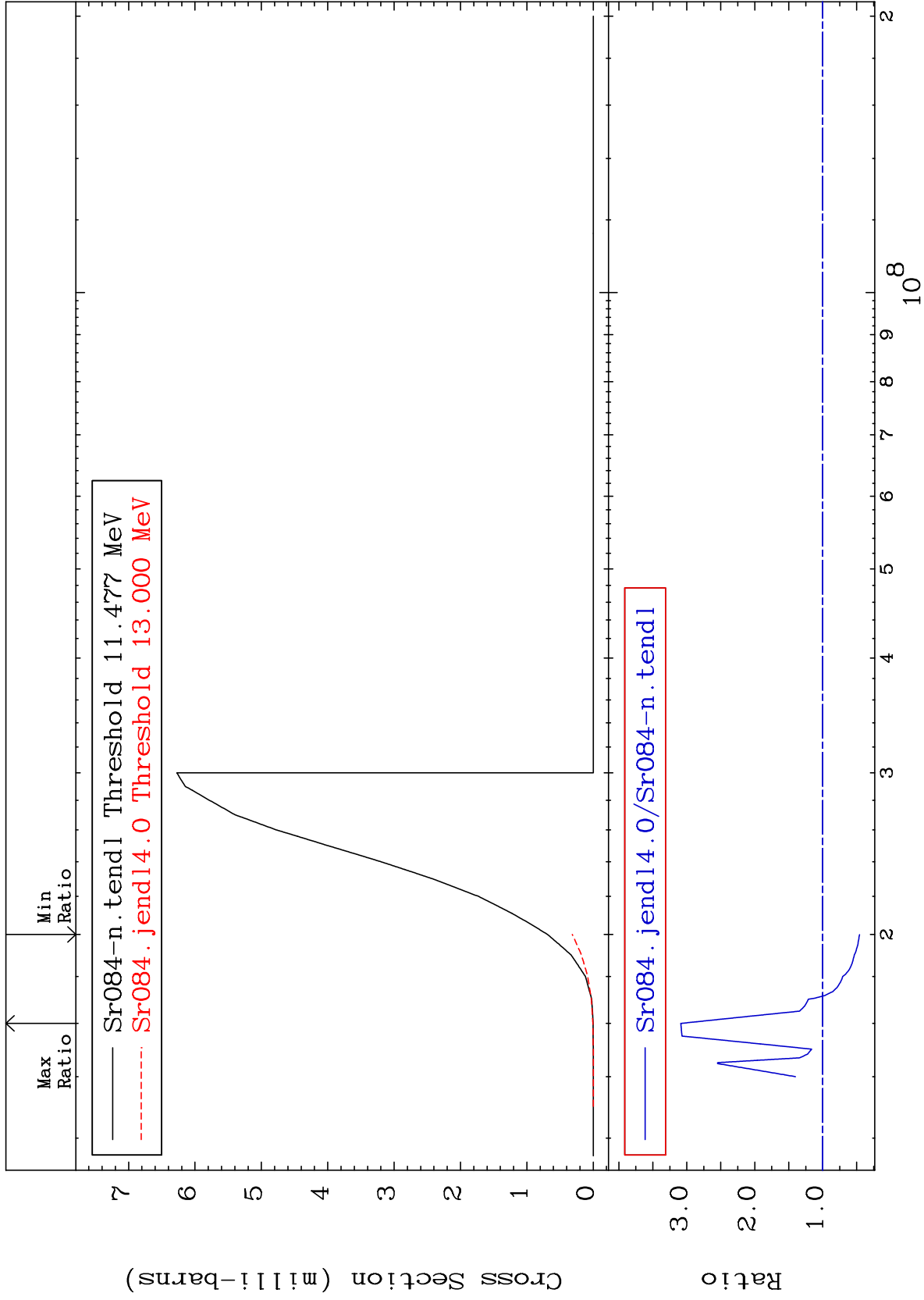
11.19 To 2109. %



32

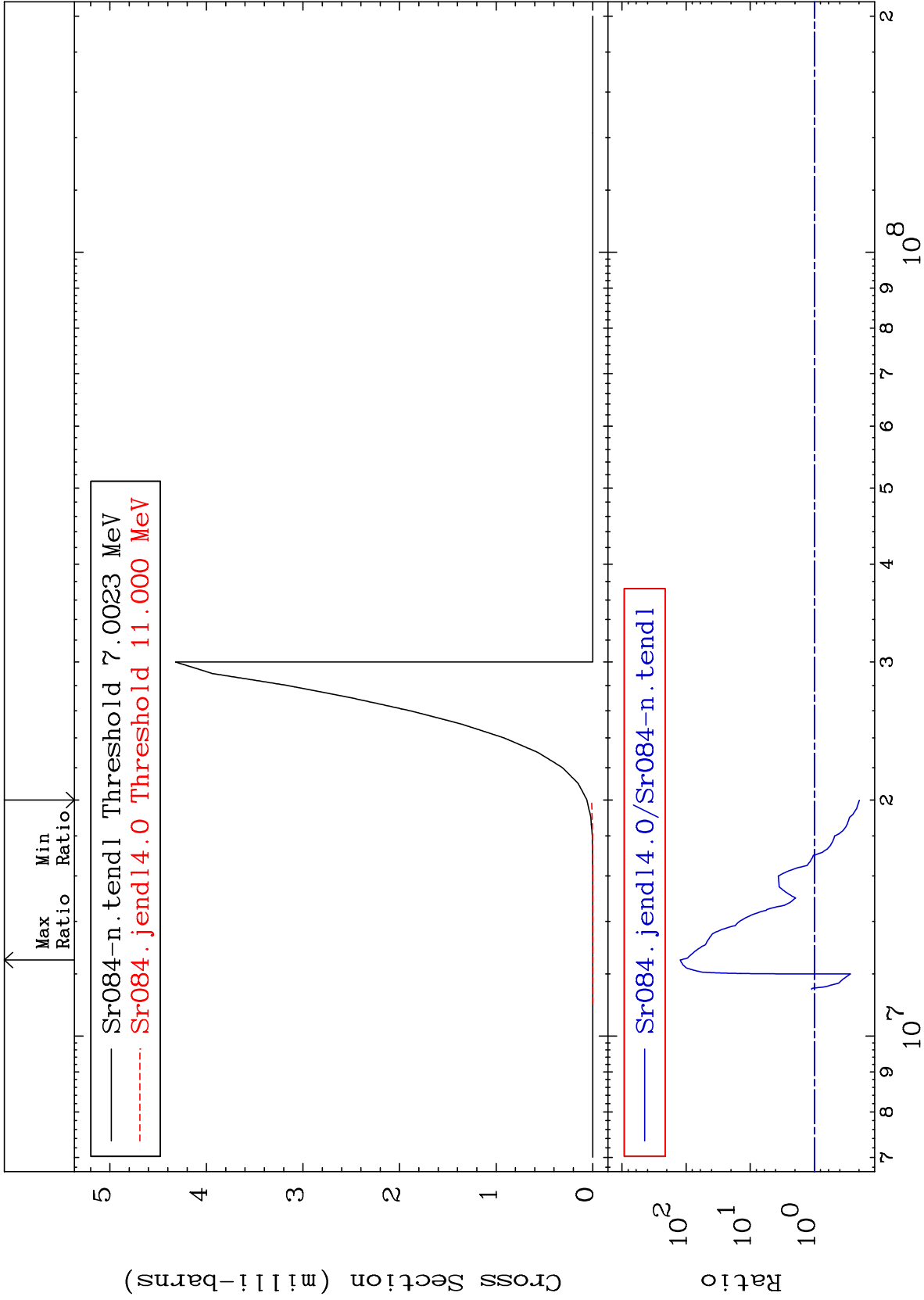
Incident Energy (eV)

³⁸Sr-84



Cross Section

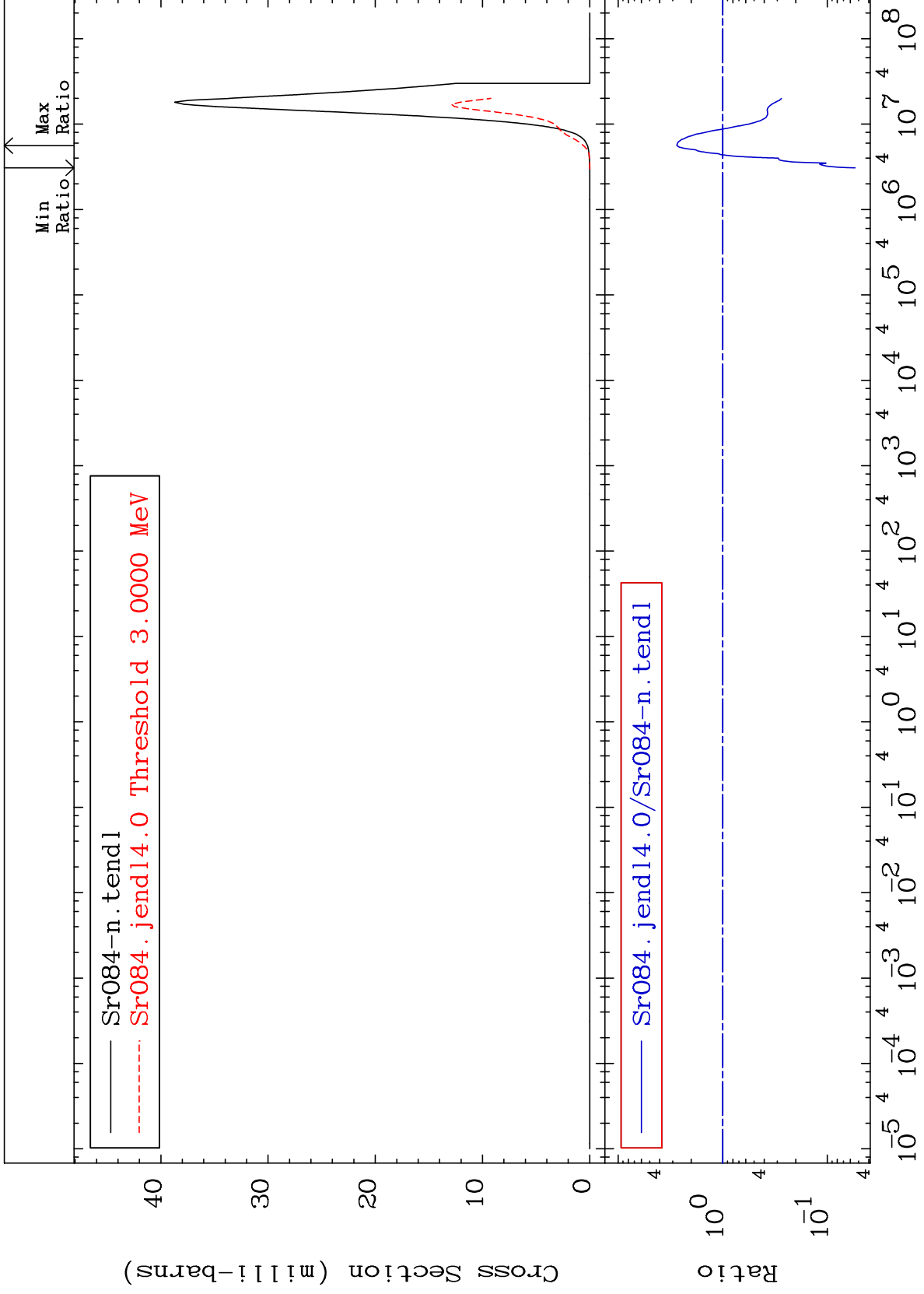
-80.24 To 9999. %



MAT 3825

(n, α)
Cross Section

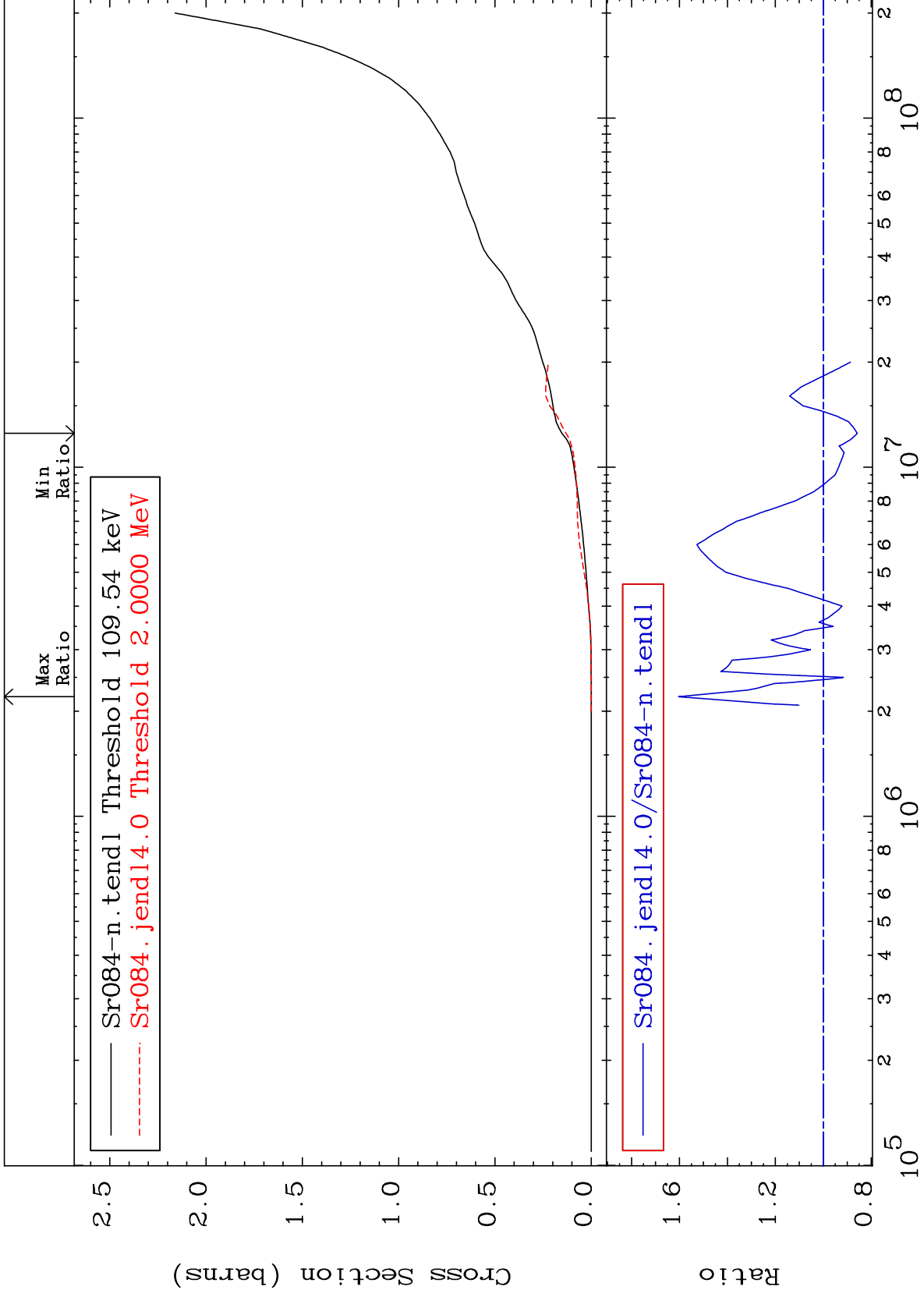
38-Sr-84
-94.59 To 173.9 %



MAT 3825

Hydrogen Production
Cross Section

38-Sr-84
-14.18 To 60.34 %



36

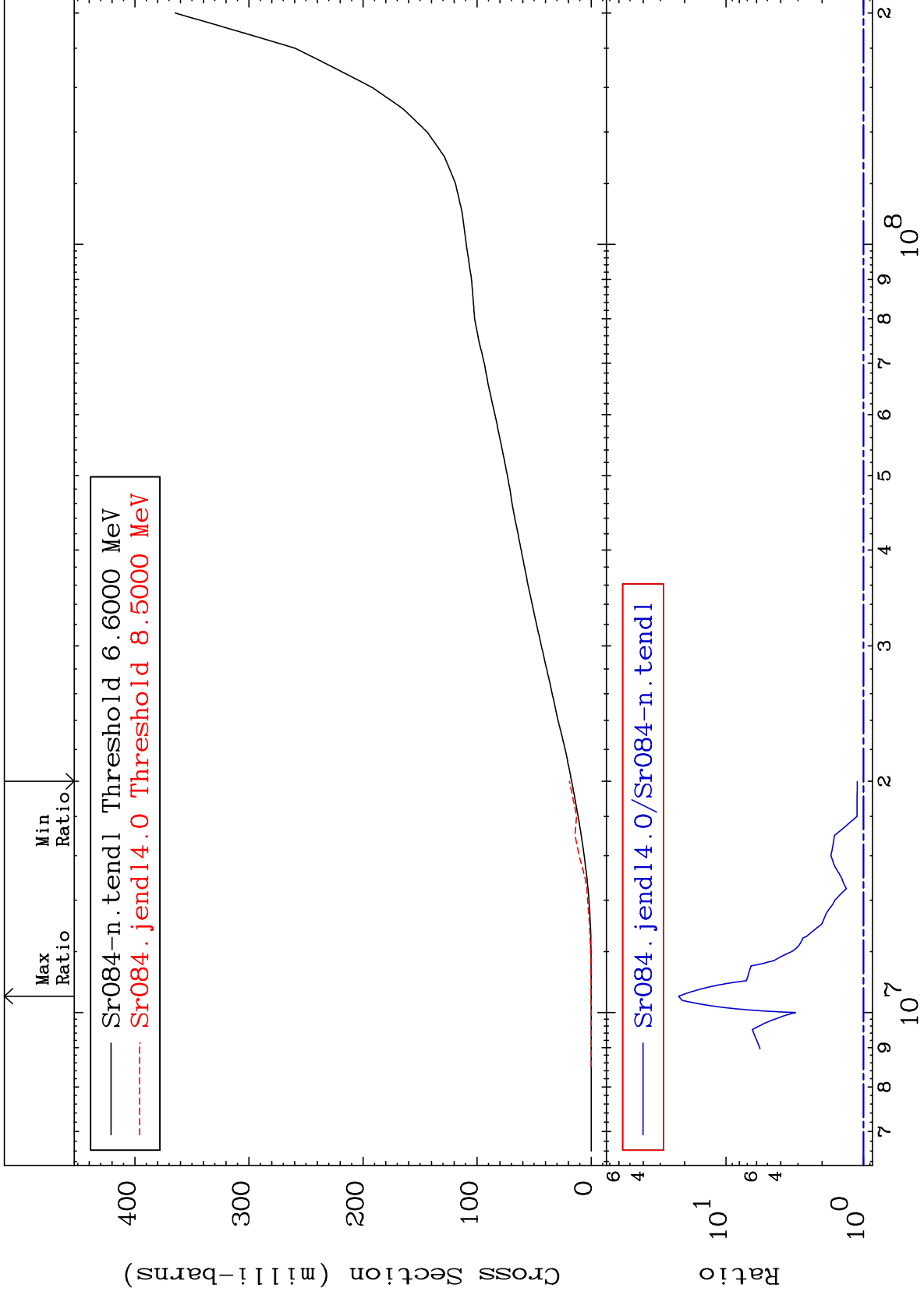
Incident Energy (eV)

38-Sr-84

MAT 3825

Deuterium Production
Cross Section

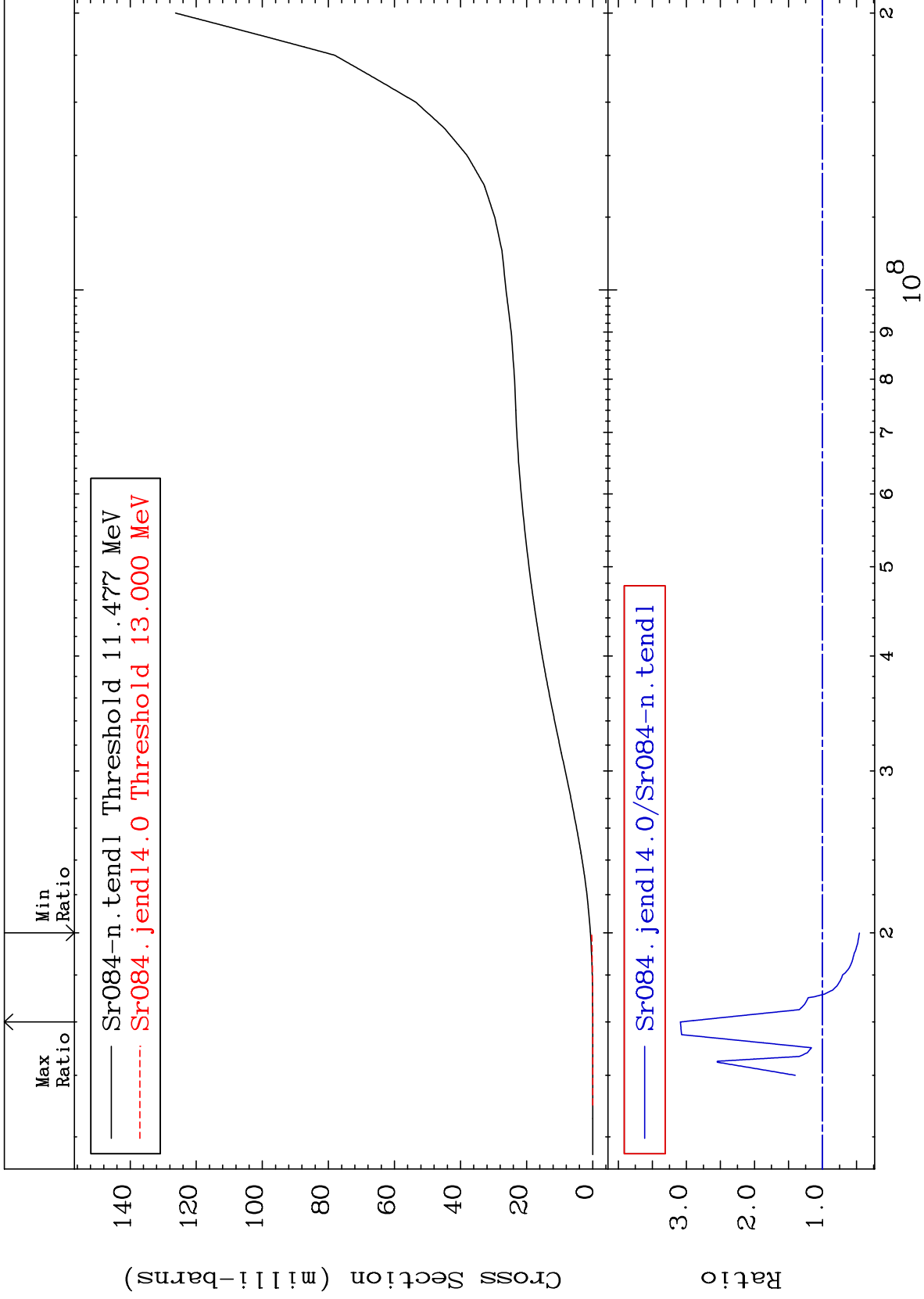
38-Sr-84
11.15 To 2109. %

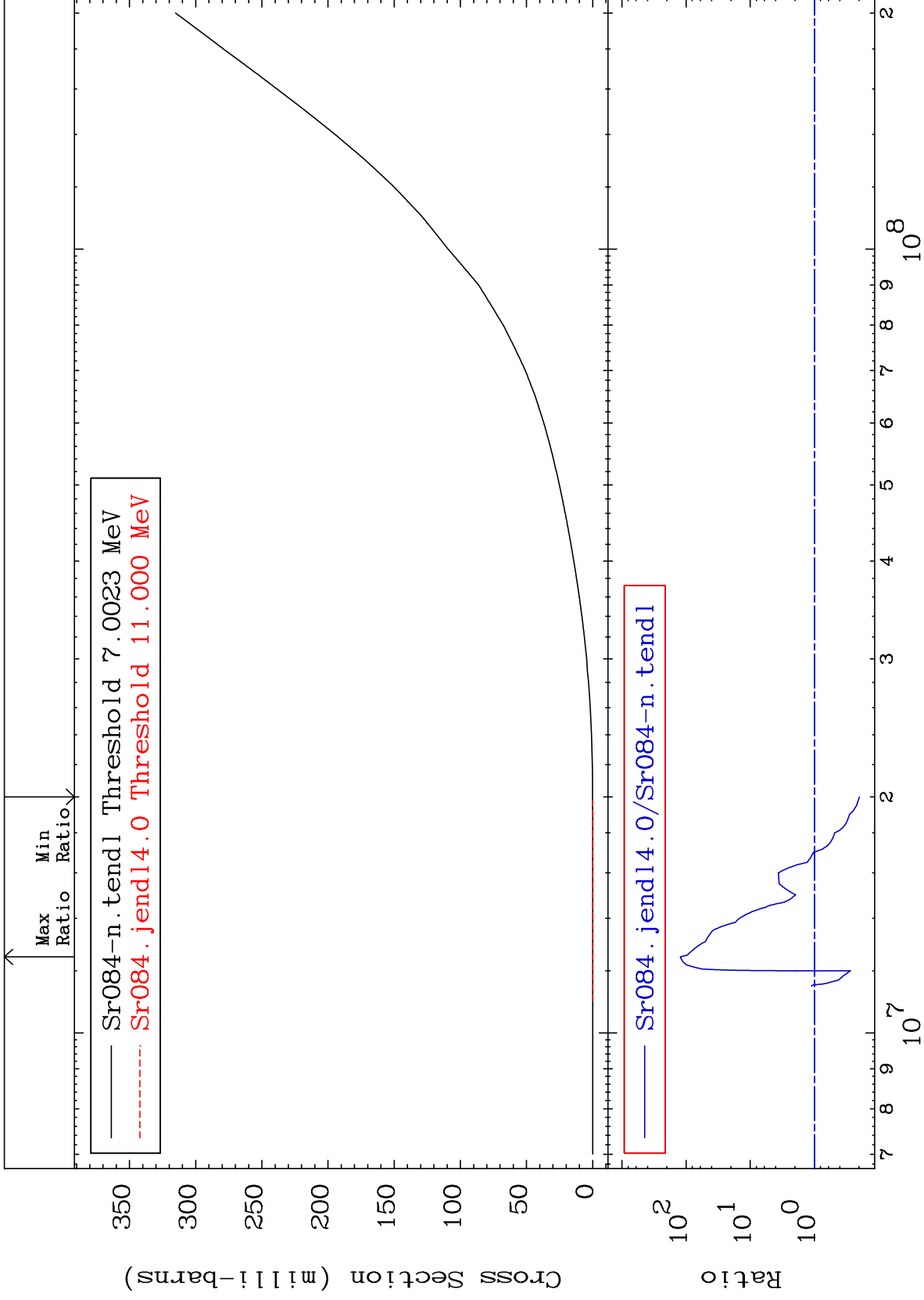


37

Incident Energy (eV)

38-Sr-84

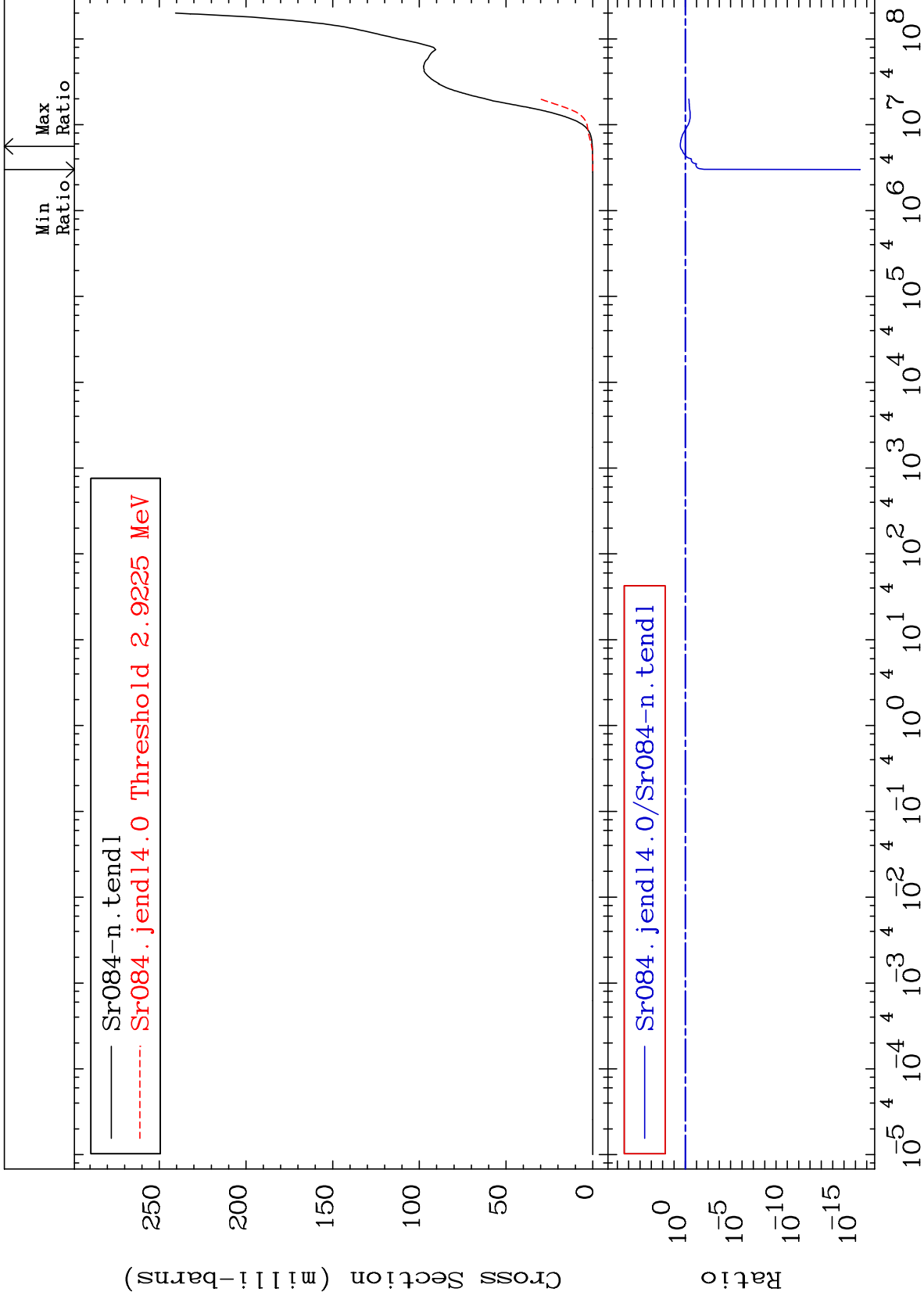




MAT 3825

He-4 Production
Cross Section

38-Sr-84
-100.0 To 173.9 %



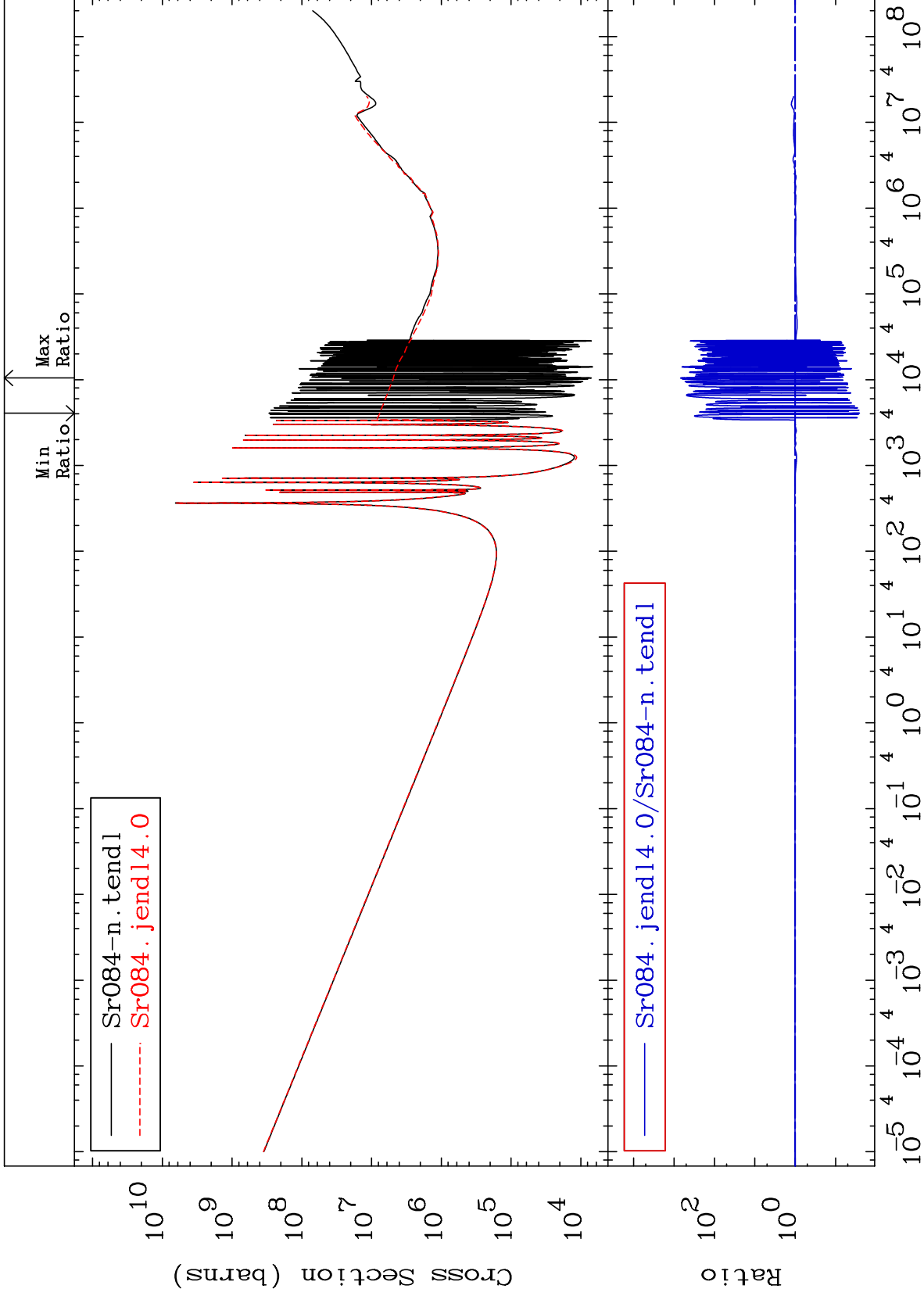
40

Incident Energy (eV)

38-Sr-84

Cross Section

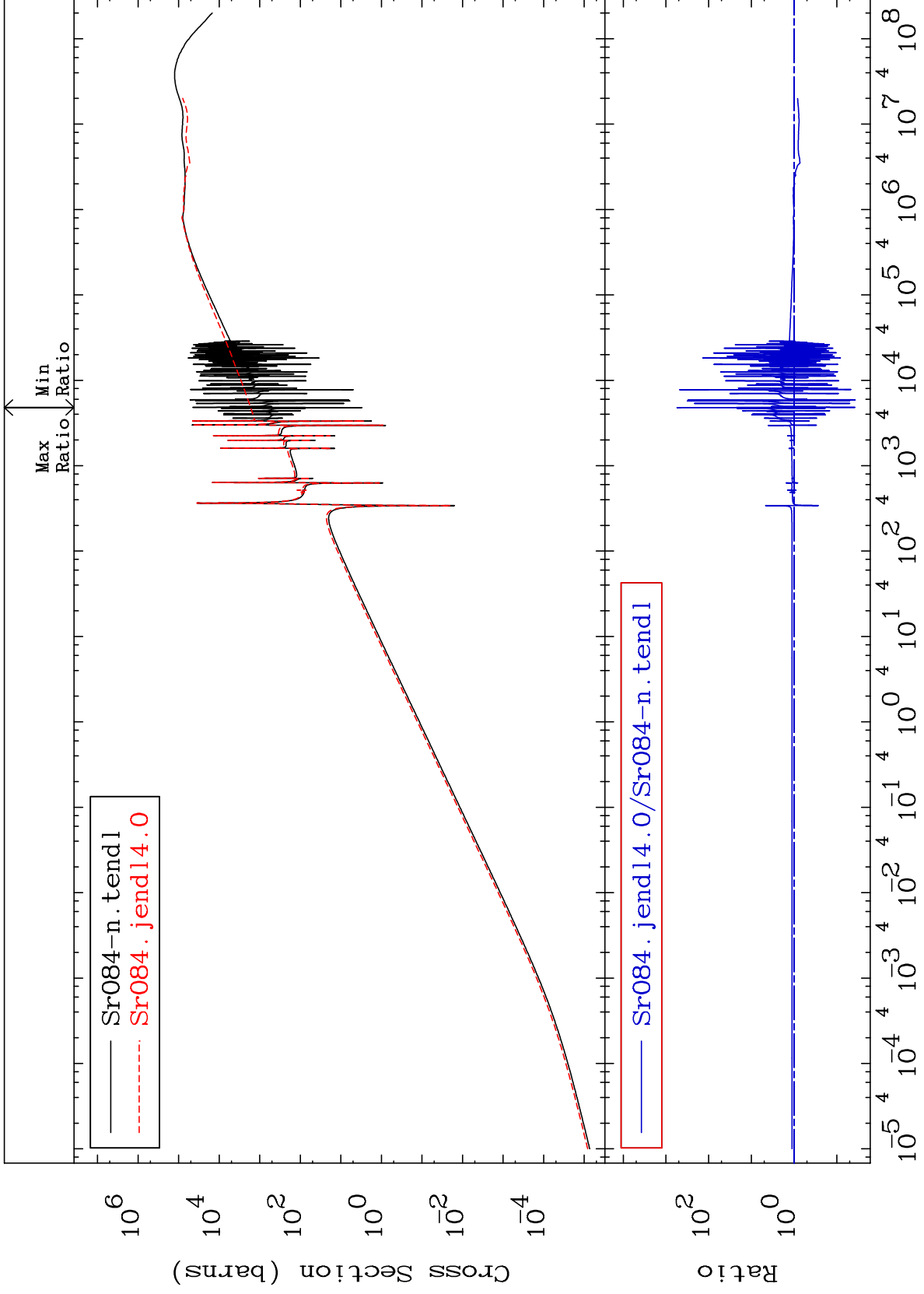
-97.43 To 9999. %

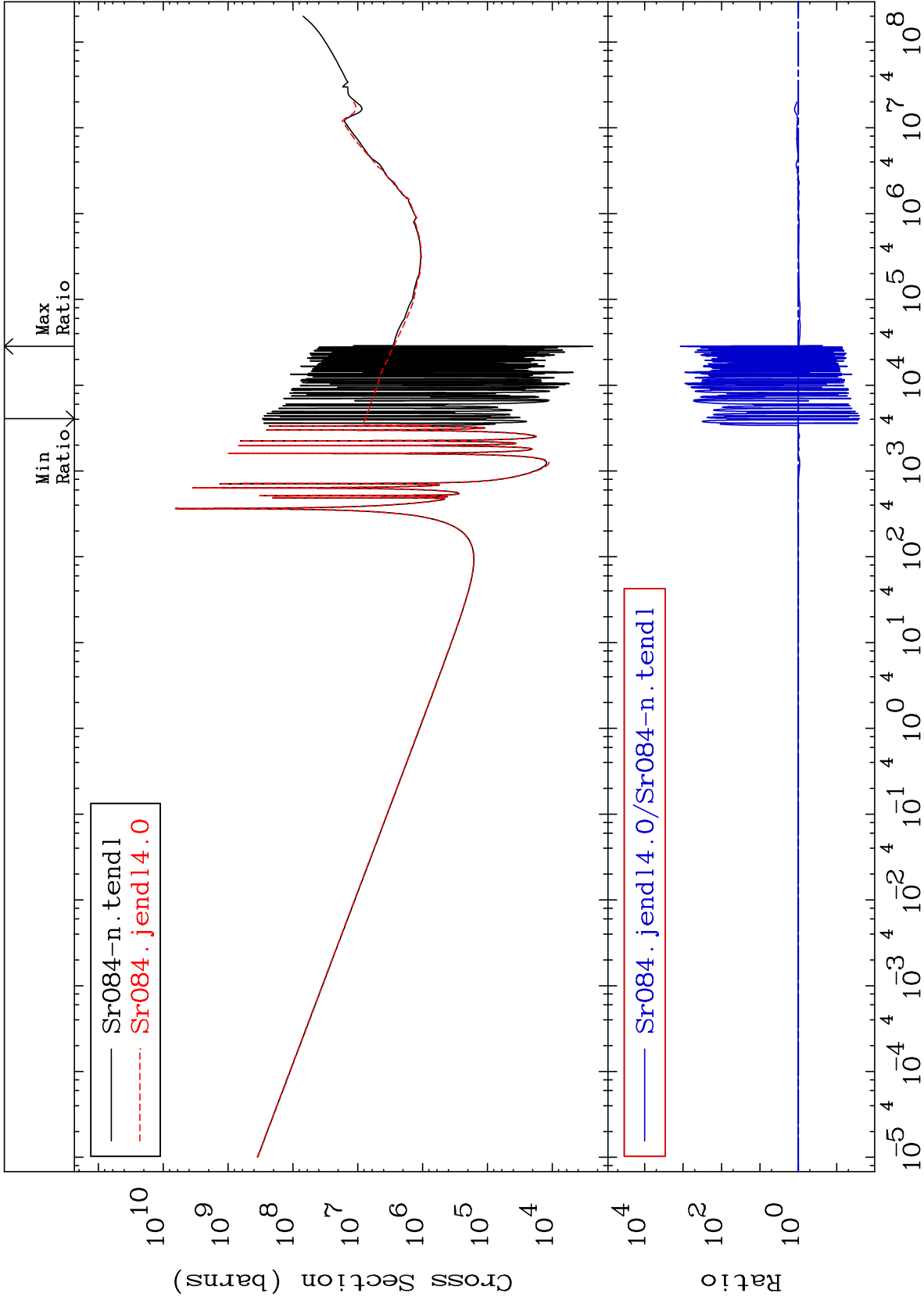


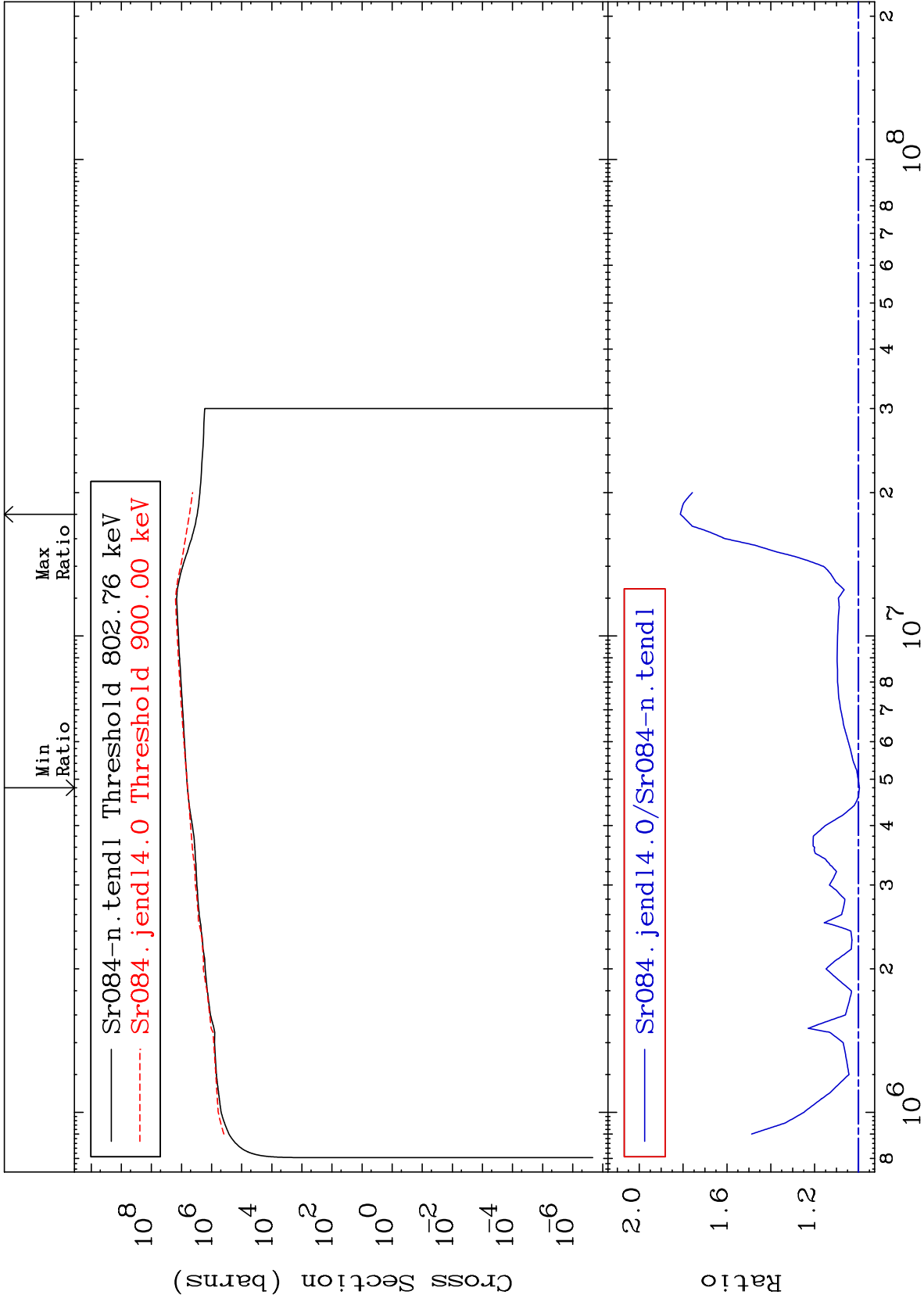
MAT 3825

Kerma elastic
Cross Section

38-Sr-84
-96.26 To 9999. %



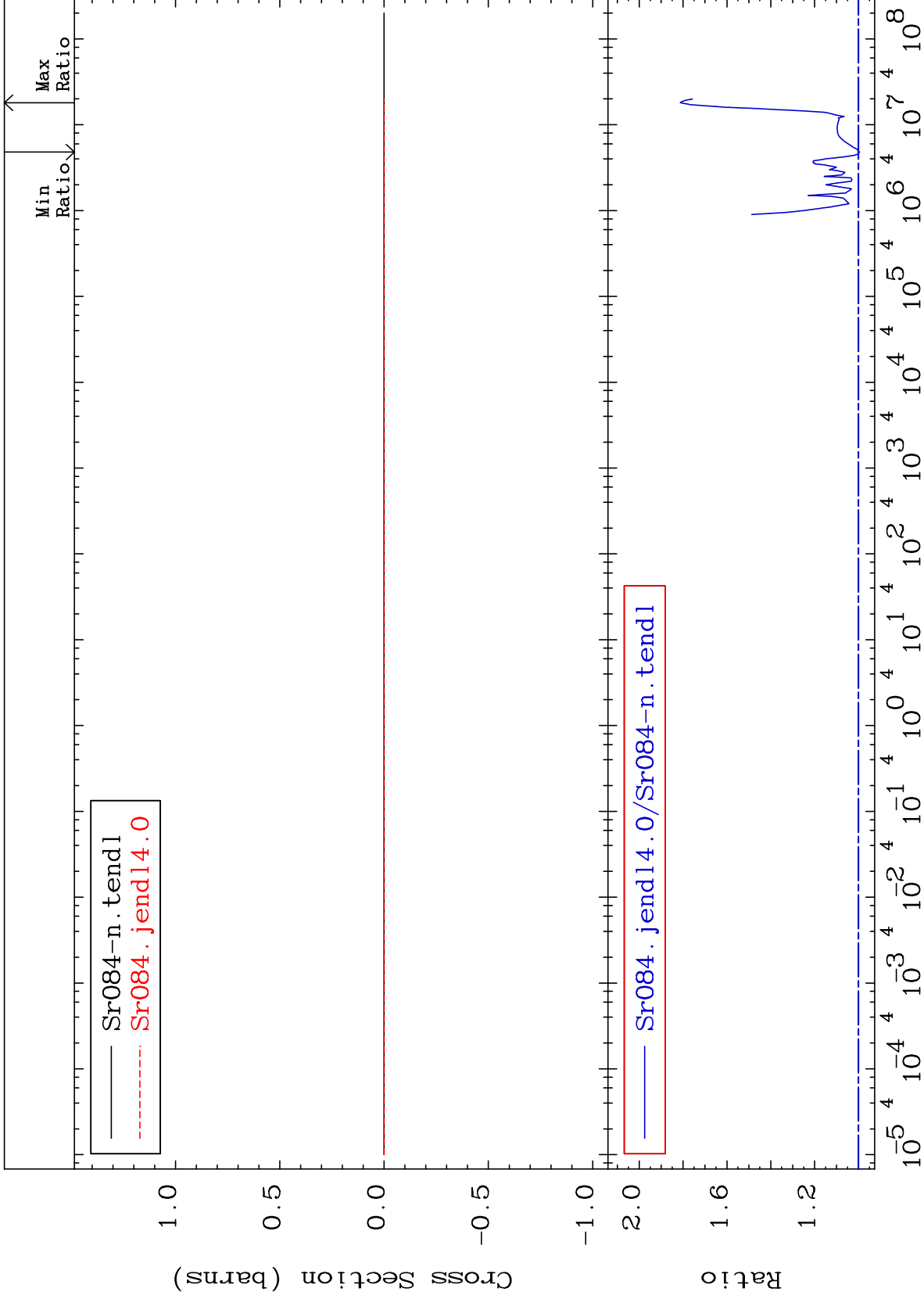




MAT 3825

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

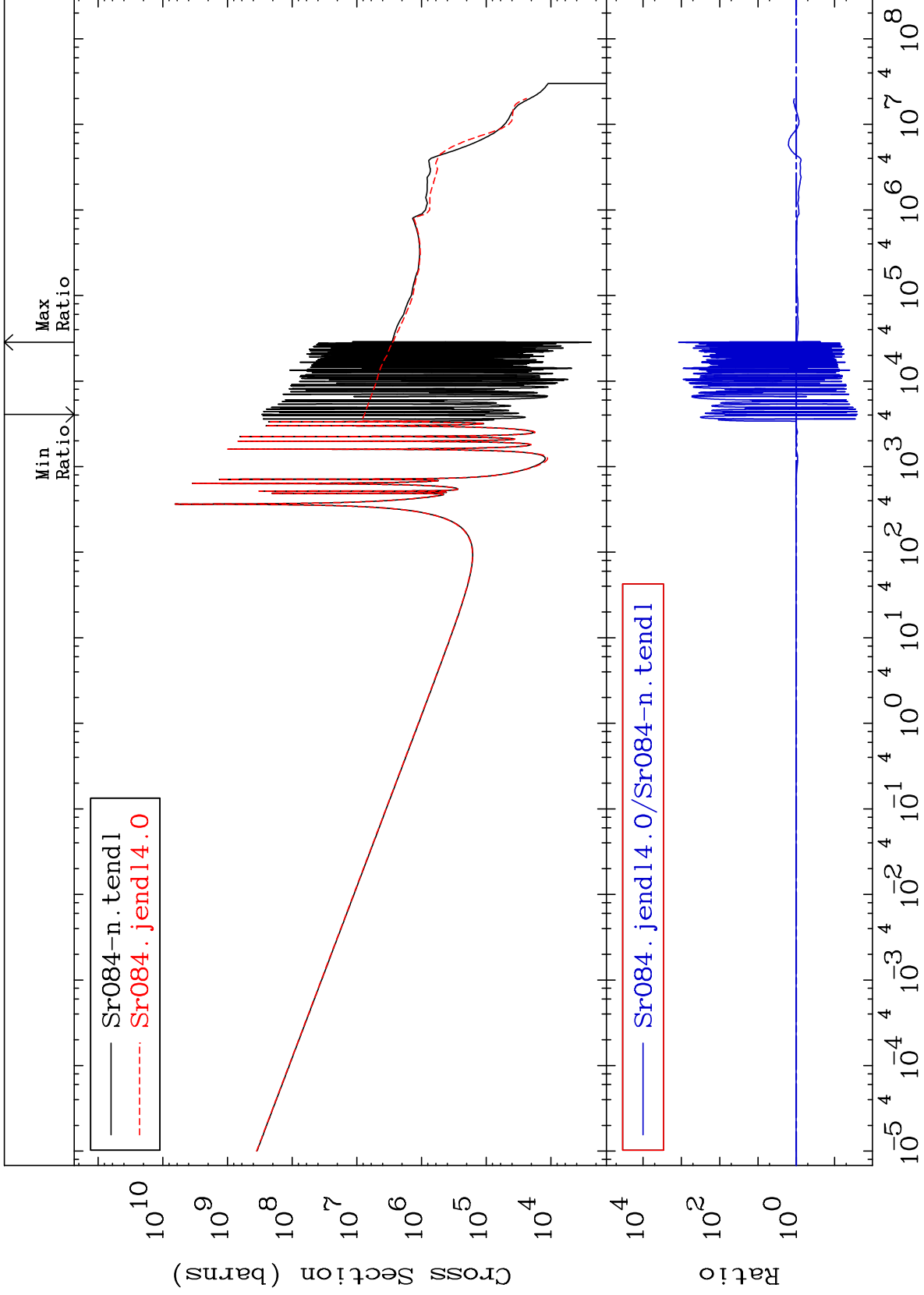
38-Sr-84
-0.439 To 81.25 %



MAT 3825

Kerma capture (mt102)
Cross Section

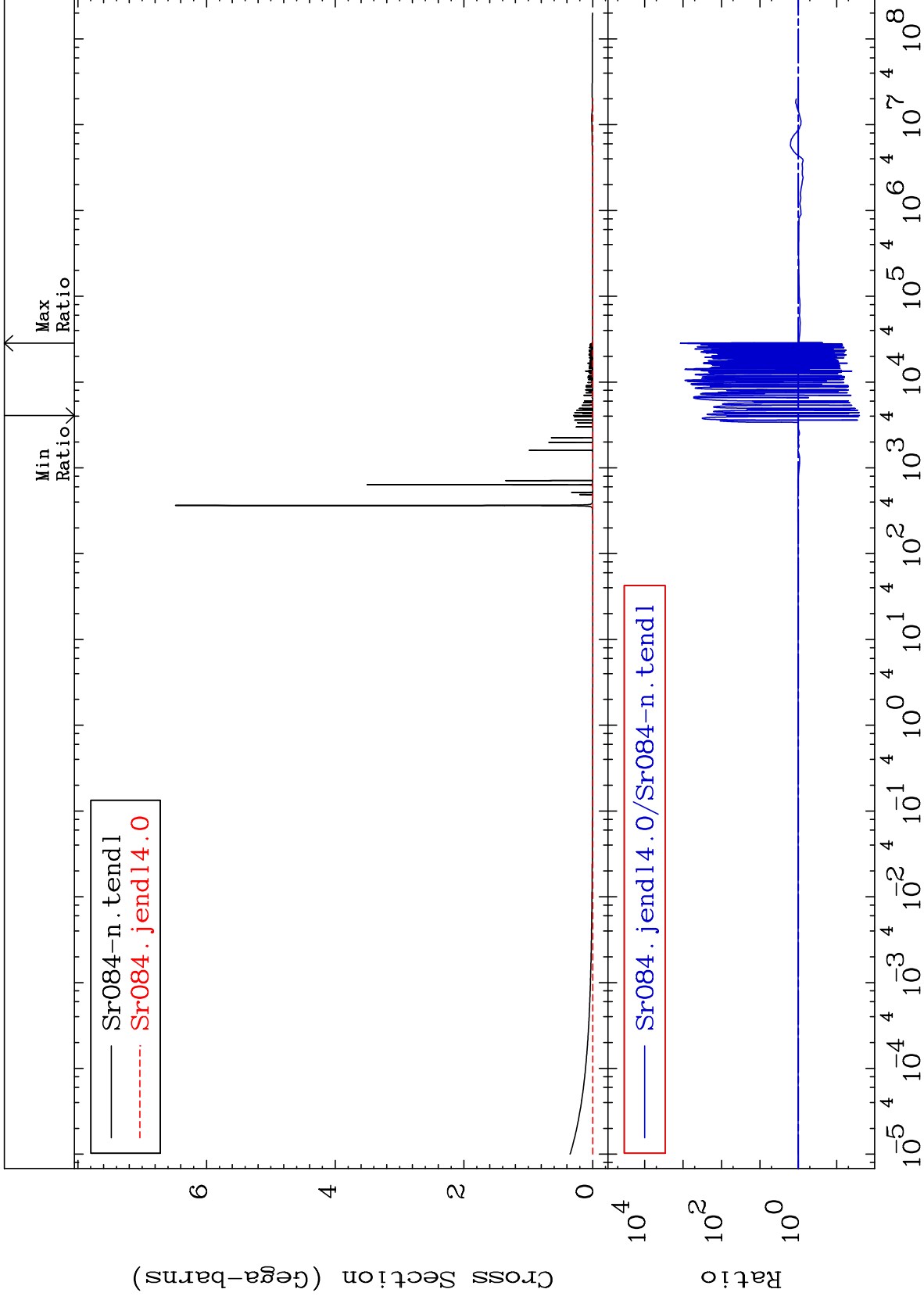
38-Sr-84
-97.43 To 9999. %

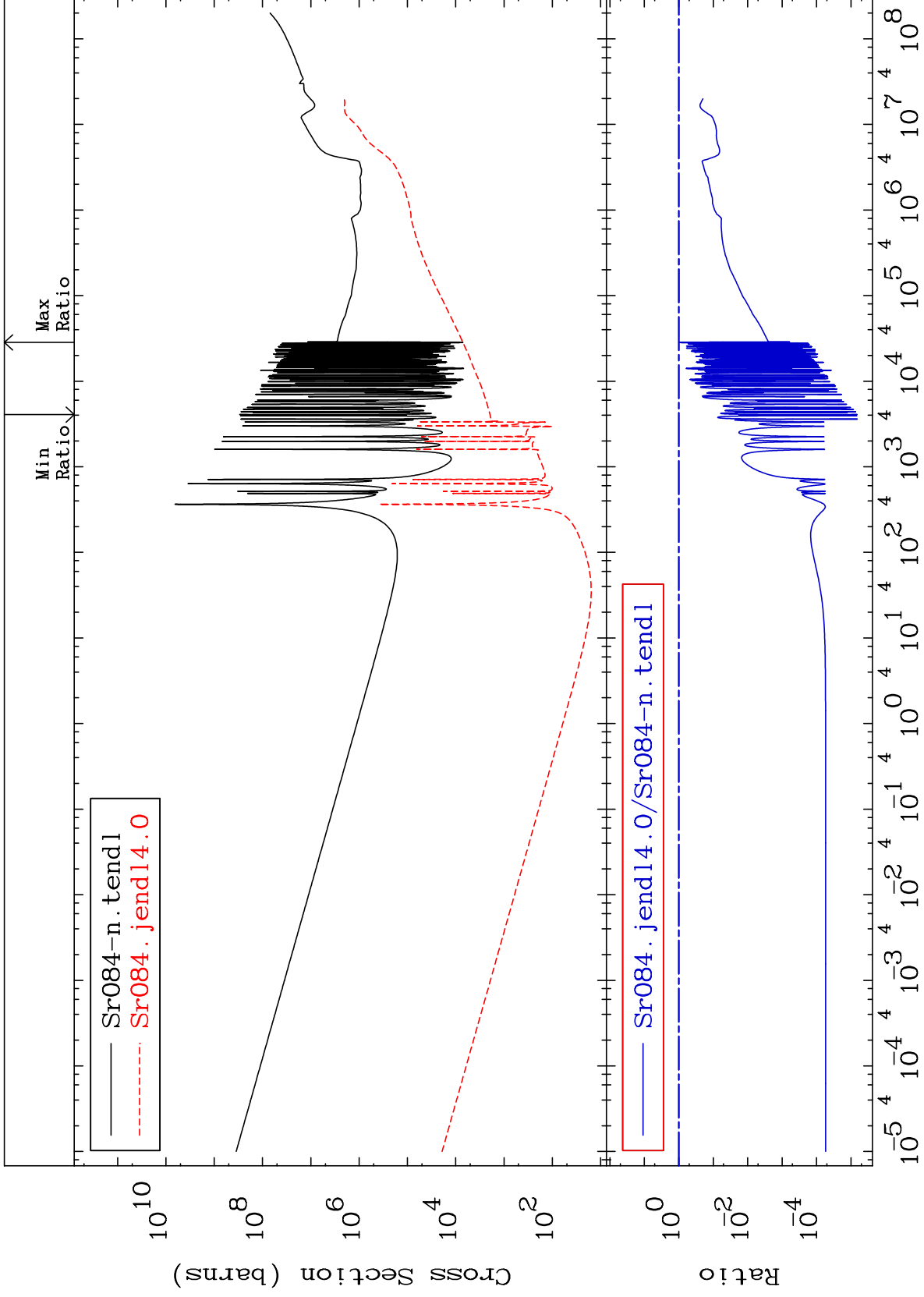


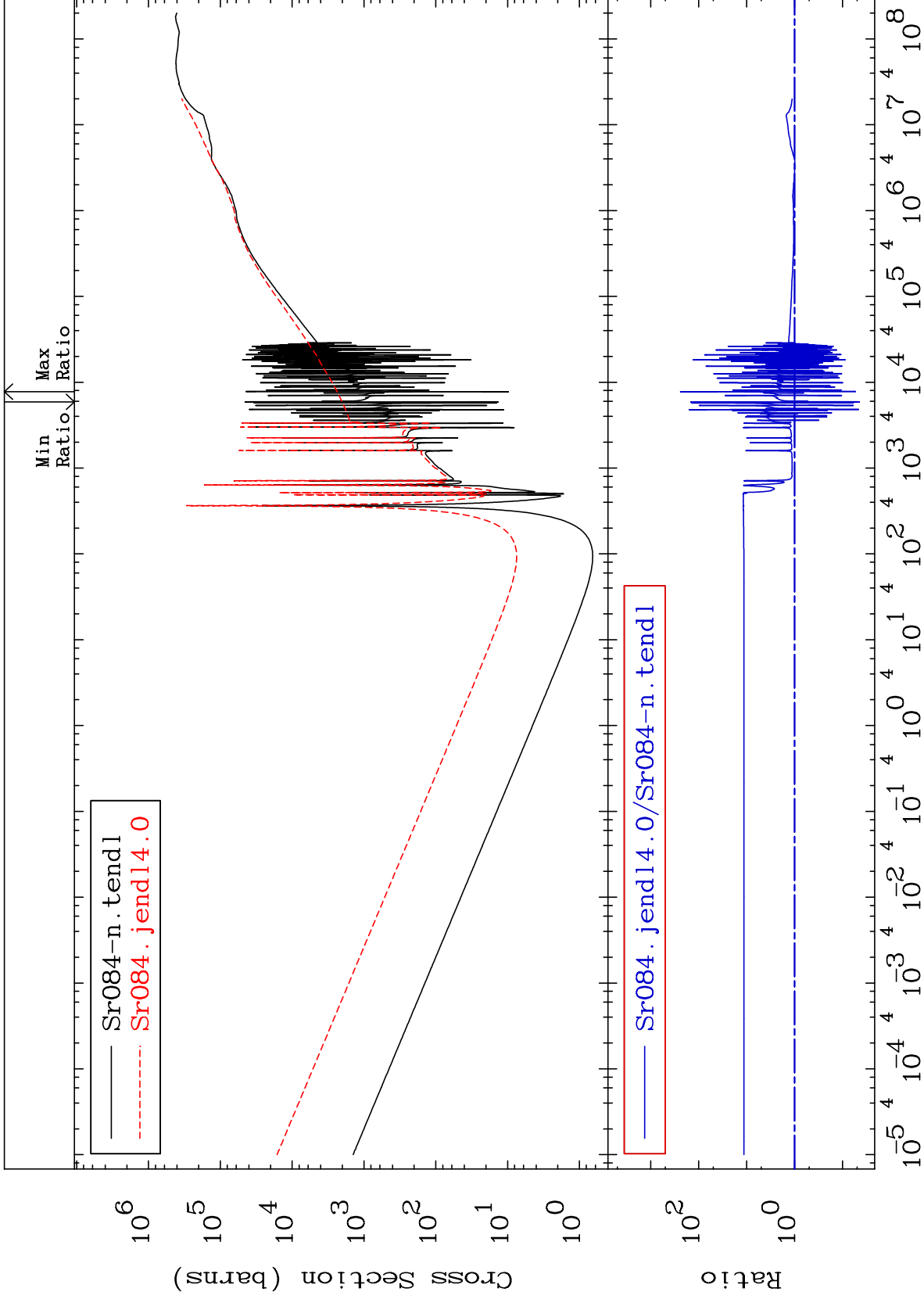
46

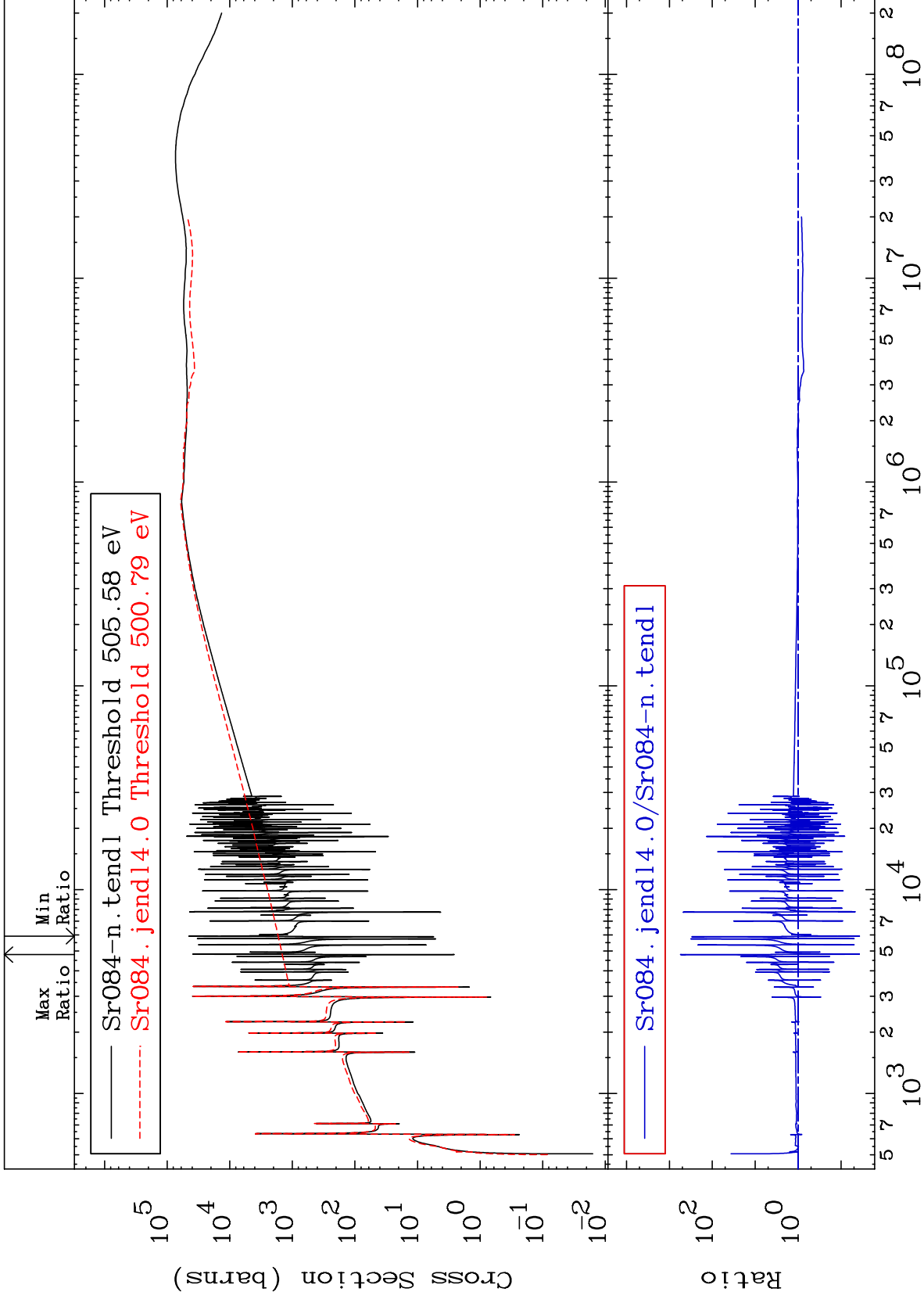
Incident Energy (eV)

38-Sr-84





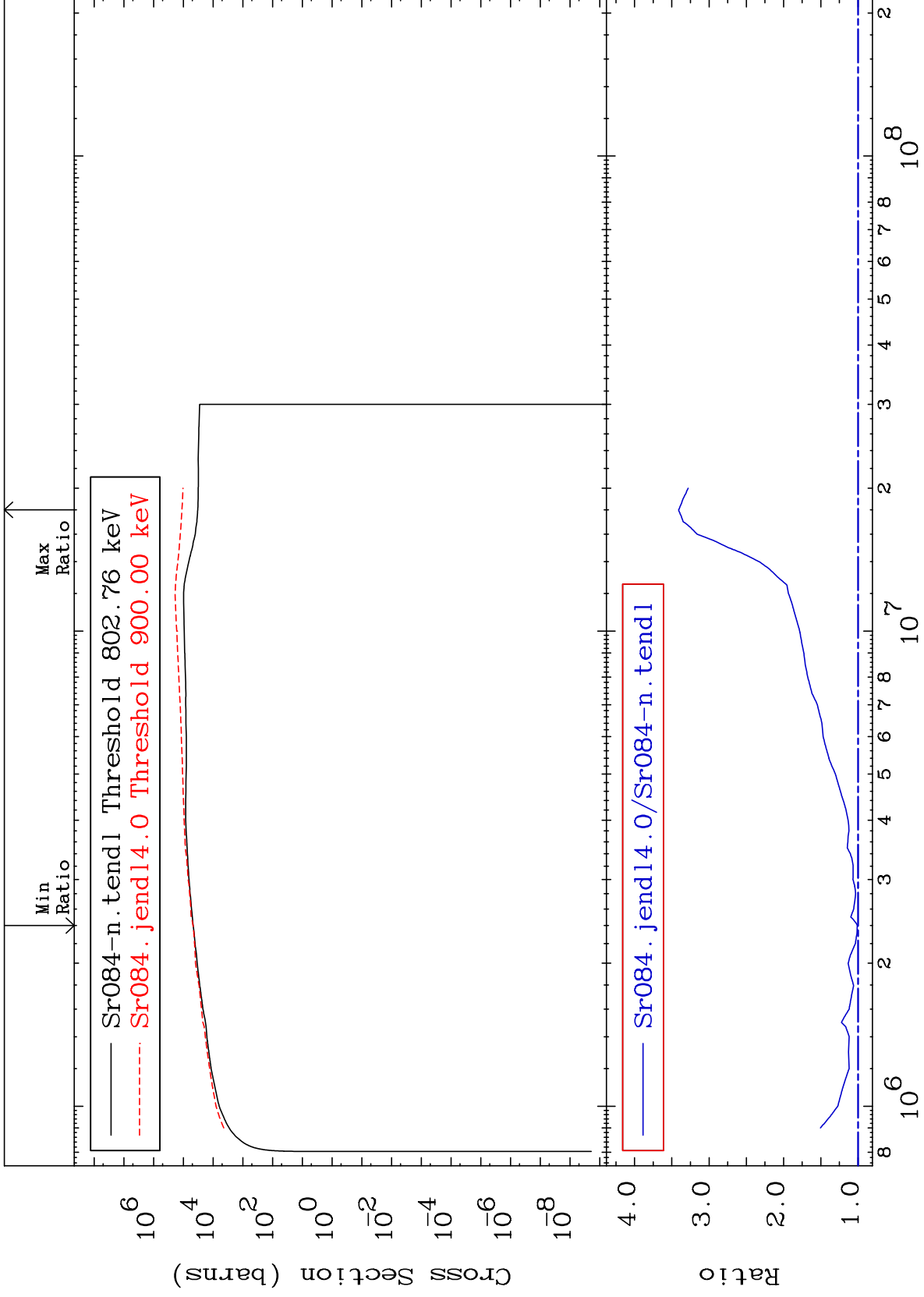




MAT 3825

Dpa inelastic (mt51-91)
Cross Section

38-Sr-84
1.026 To 240.9 %



51

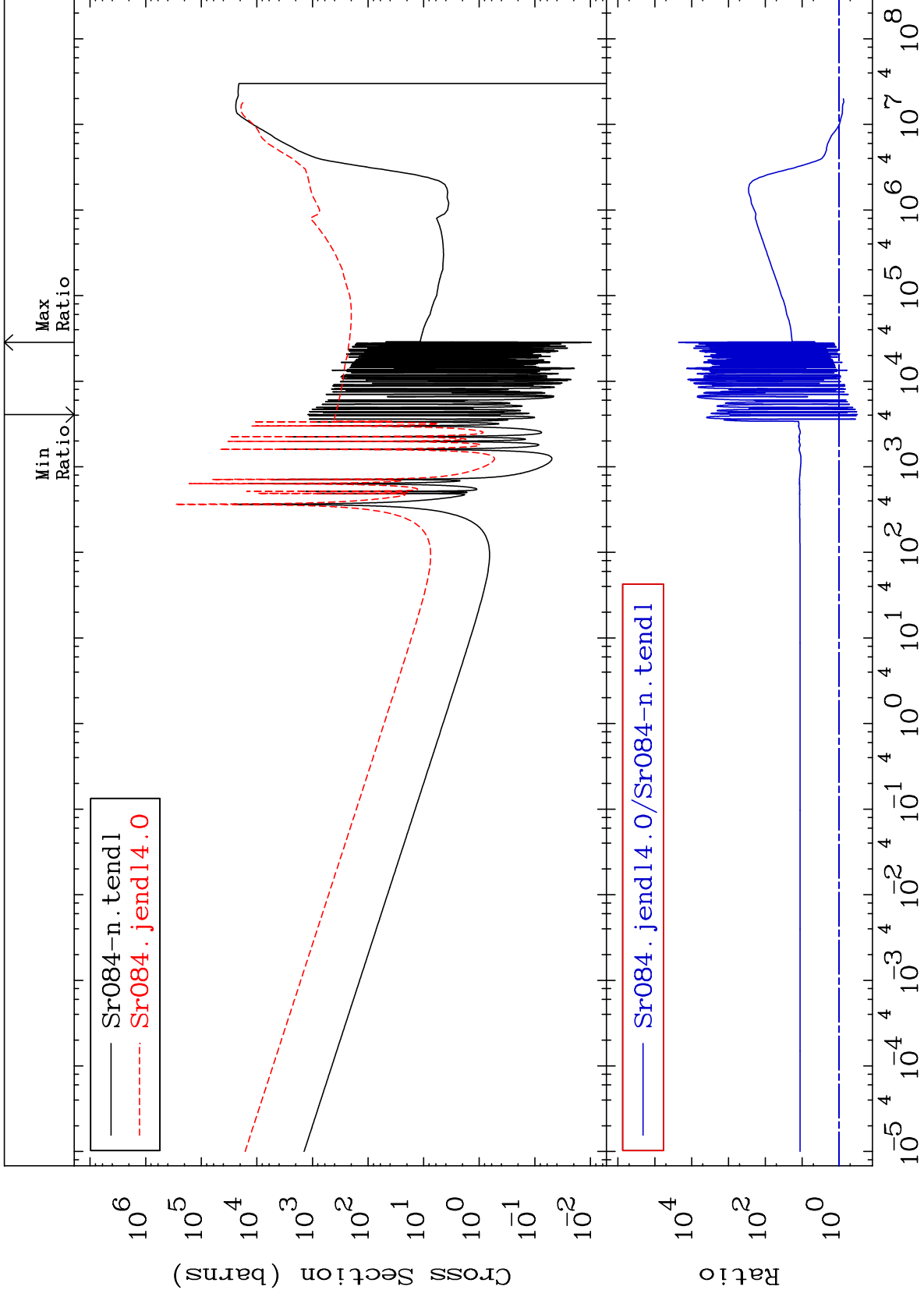
Incident Energy (eV)

38-Sr-84

MAT 3825

Dpa disappearance (mt102 -120)
Cross Section

38-Sr-84
-68.01 To 9999. %



52

Incident Energy (eV)

38-Sr-84