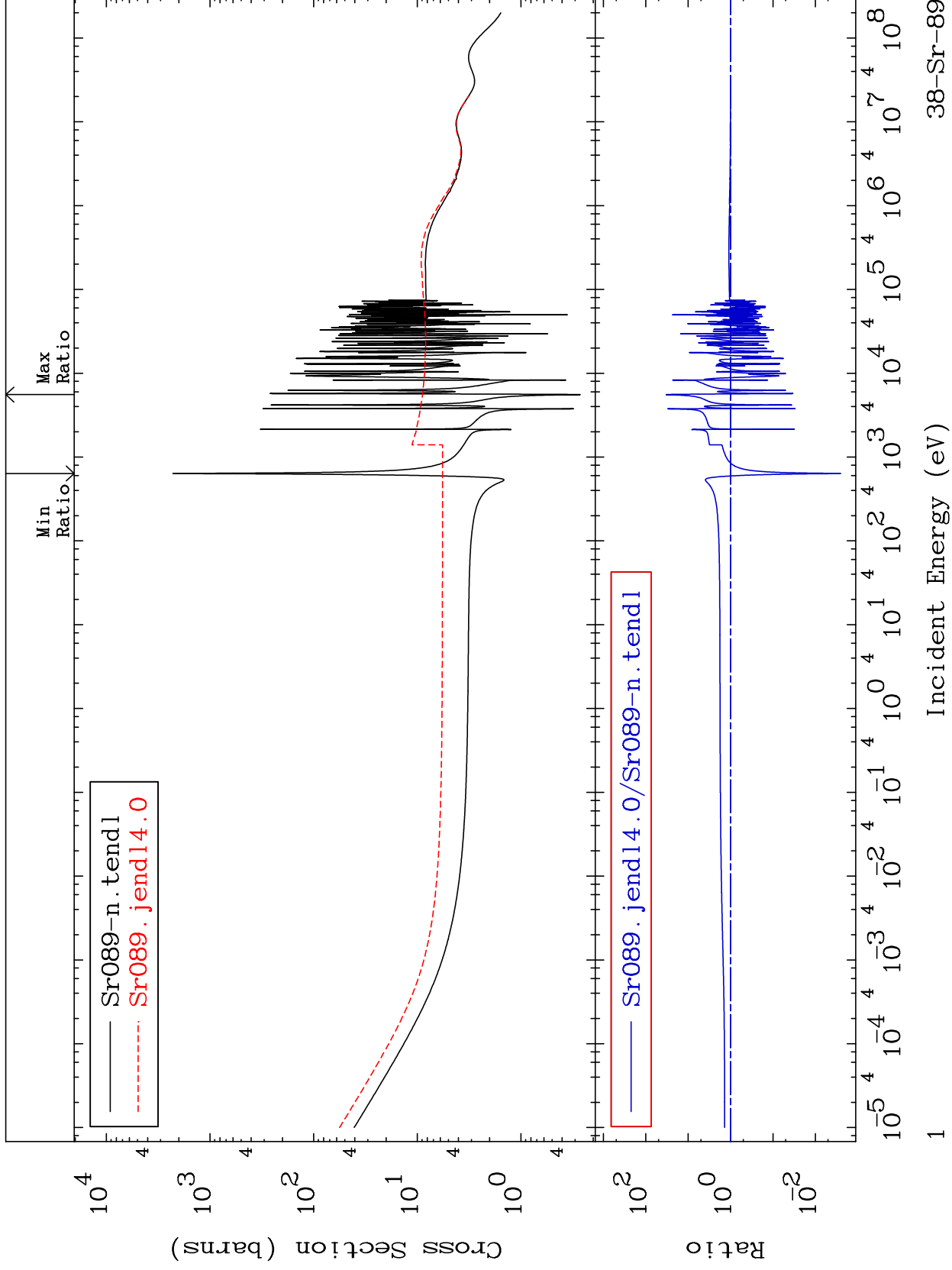


MAT 3840

Total
Cross Section

38-Sr-89
-99.75 To 3244. %

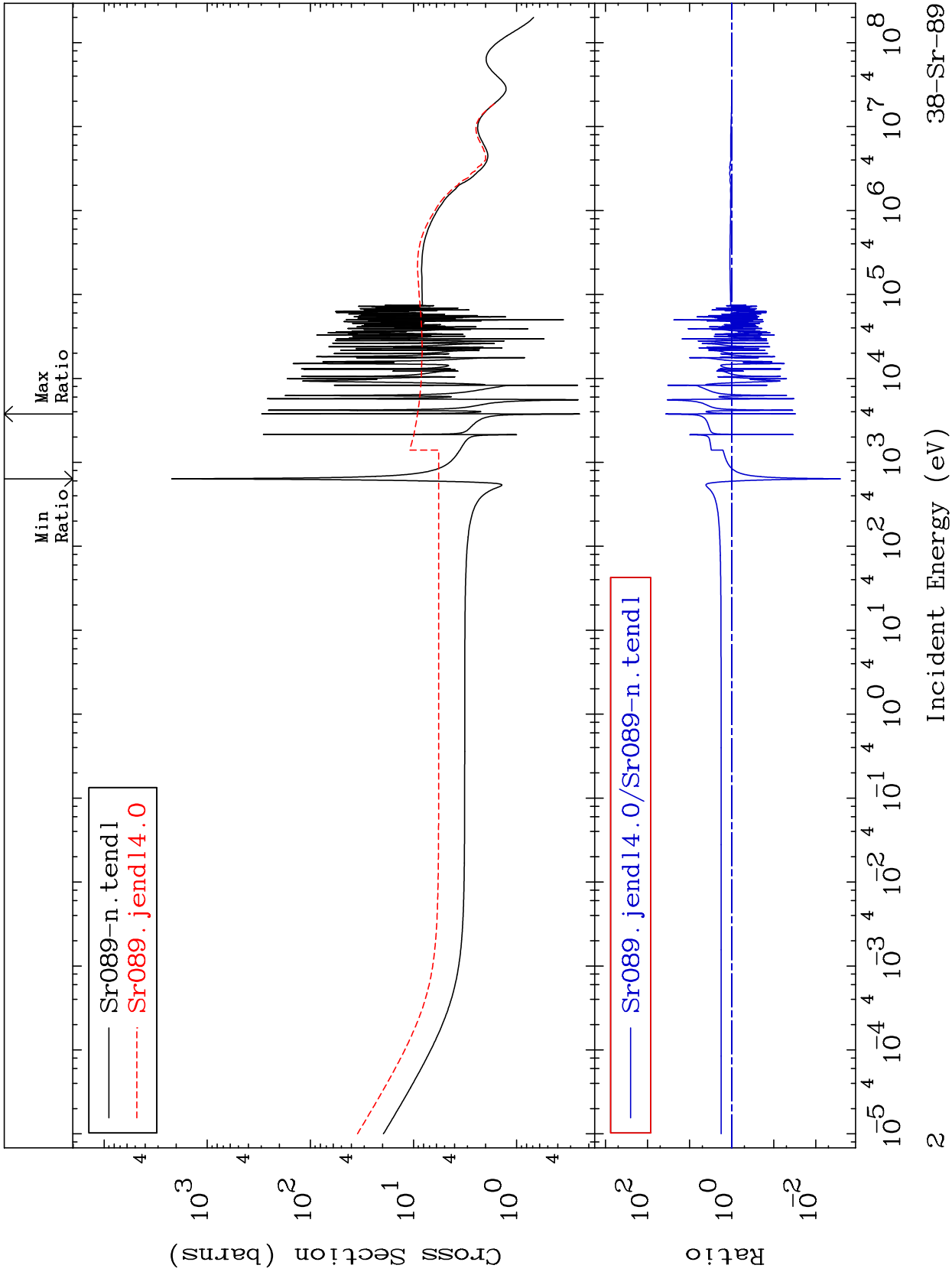


38-Sr-89

MAT 3840

Elastic
Cross Section

38-Sr-89
-99.74 To 3640. %



38-Sr-89

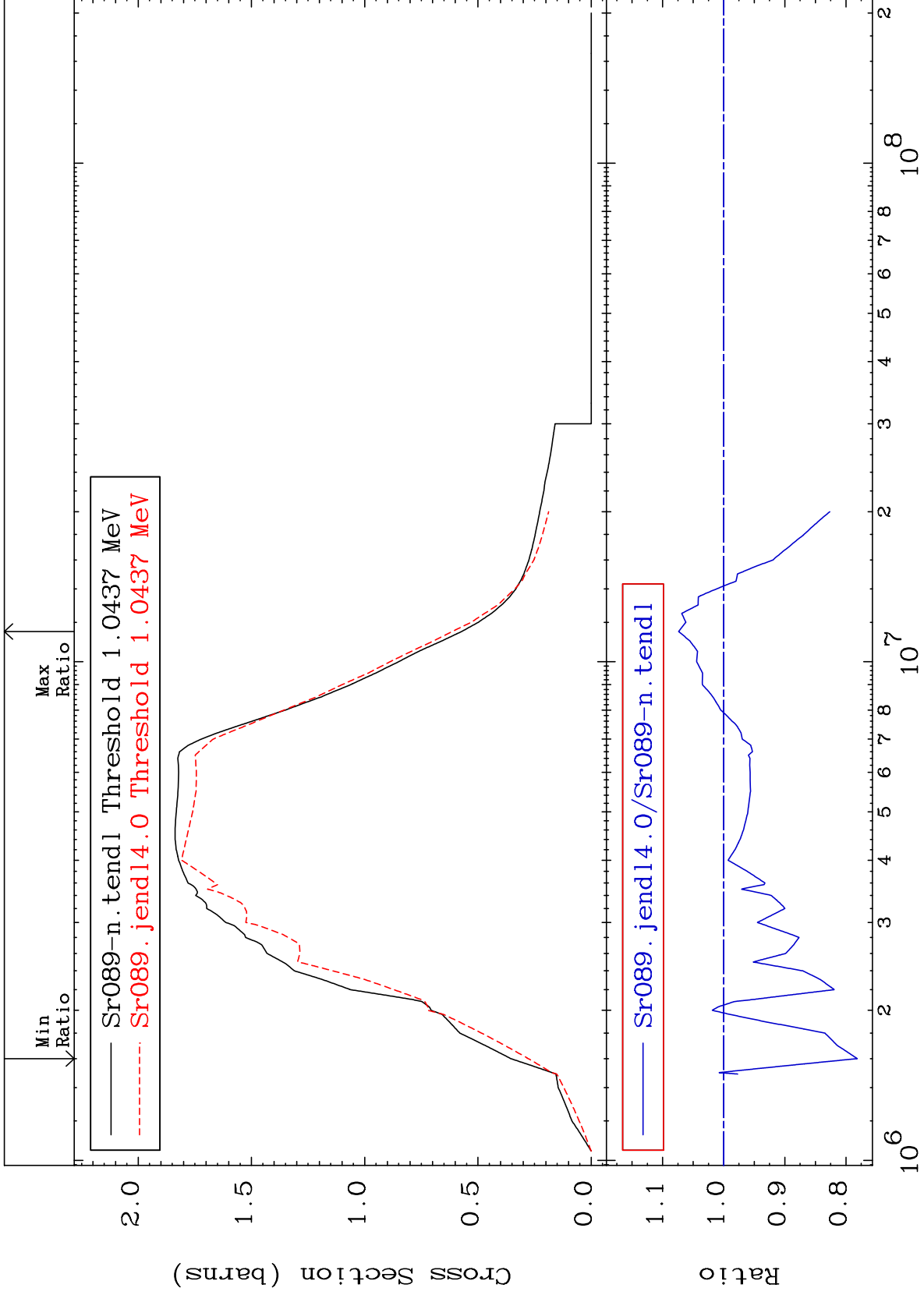
Incident Energy (eV)

2

MAT 3840

Inelastic
Cross Section

38-Sr-89
-21.85 To 7.378 %



38-Sr-89

Incident Energy (eV)

3

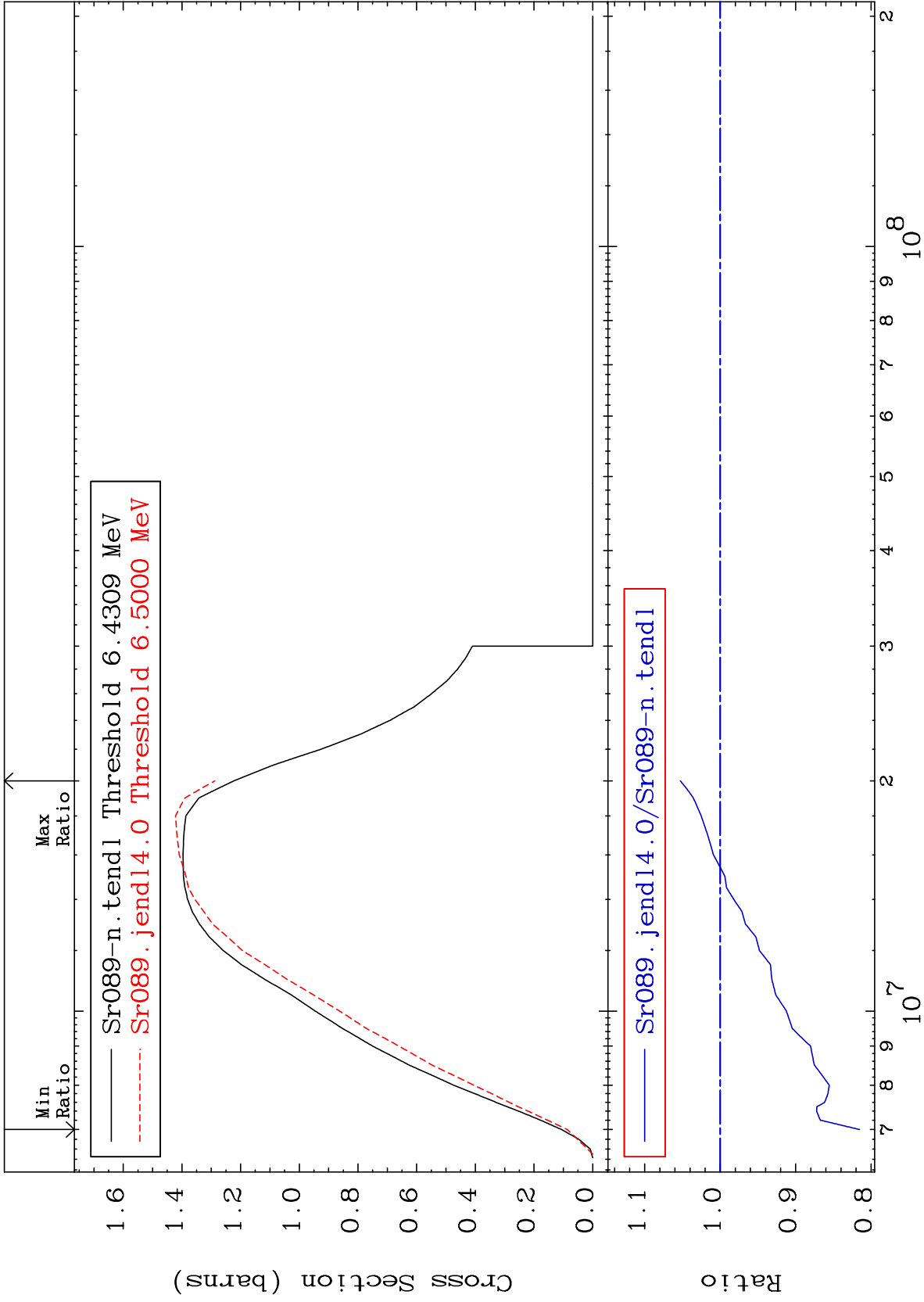
MAT 3840

(n,2n)

38-Sr-89

Cross Section

-18.44 To 5.280 %



4

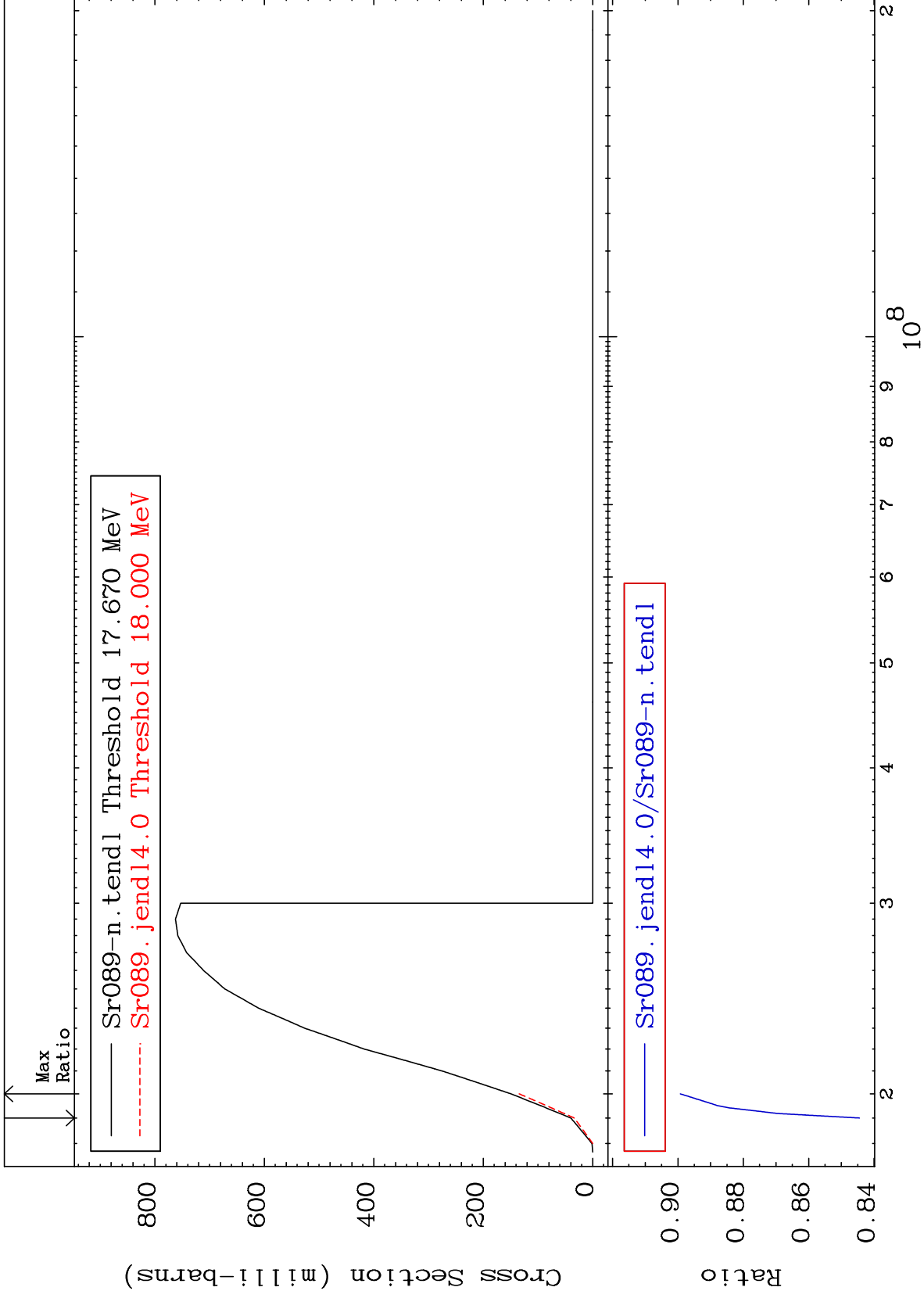
Incident Energy (eV)

38-Sr-89

MAT 3840

(n,3n)
Cross Section

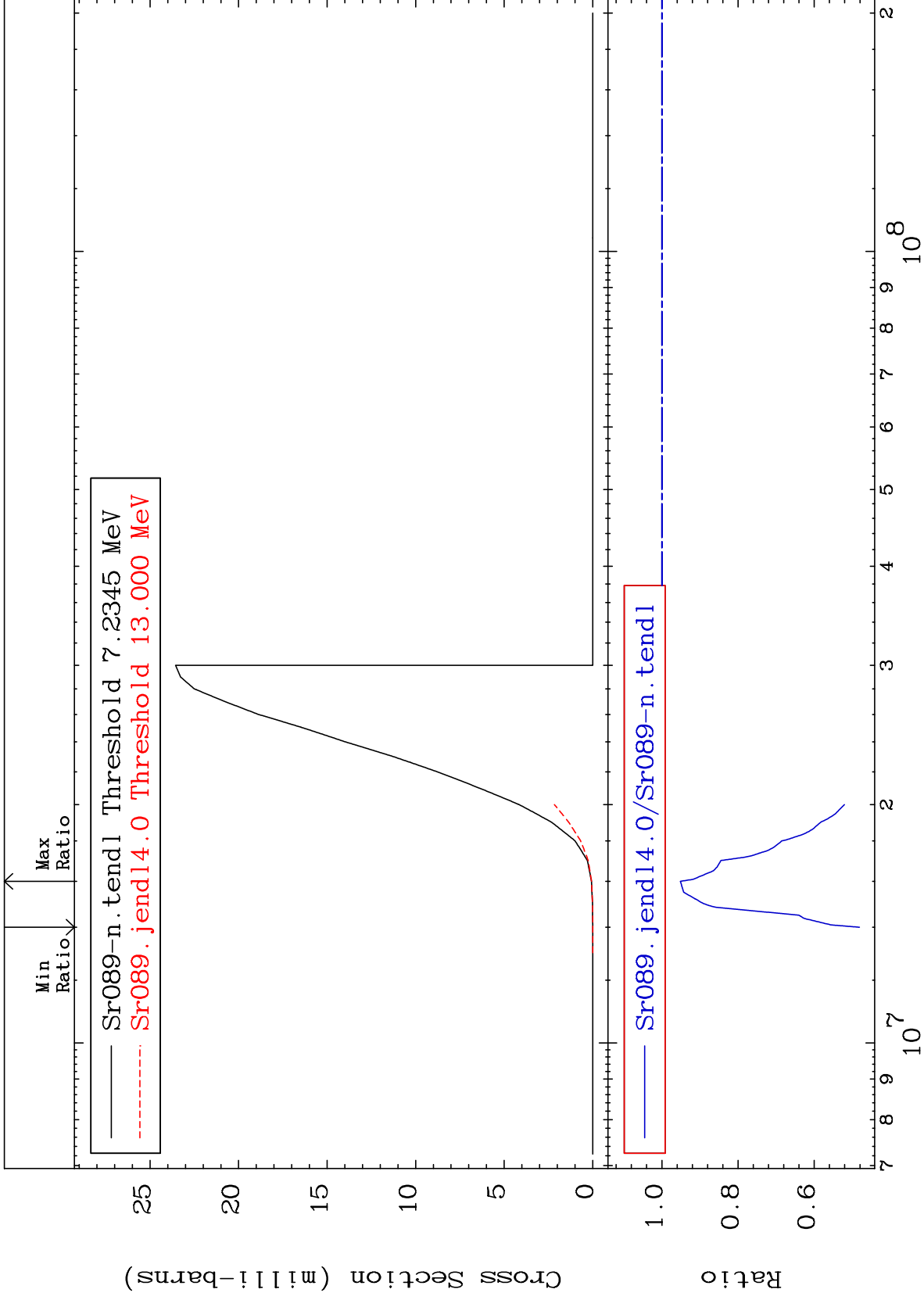
38-Sr-89
-15.55 To -10.07%



MAT 3840

(n, n') α
Cross Section

38-Sr-89
-51.86 To -4.856%



6

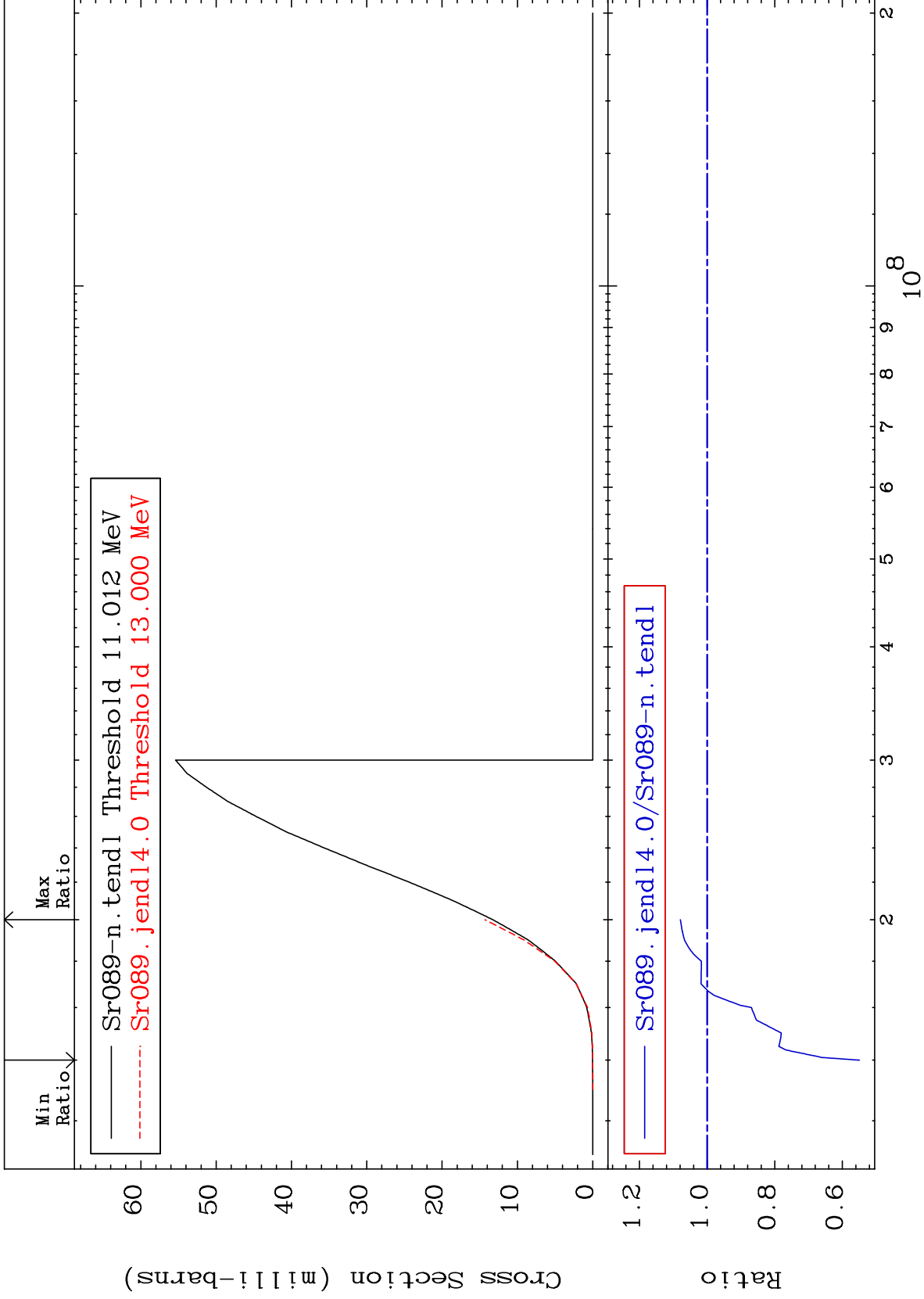
Incident Energy (eV)

38-Sr-89

MAT 3840

(n,n') p
Cross Section

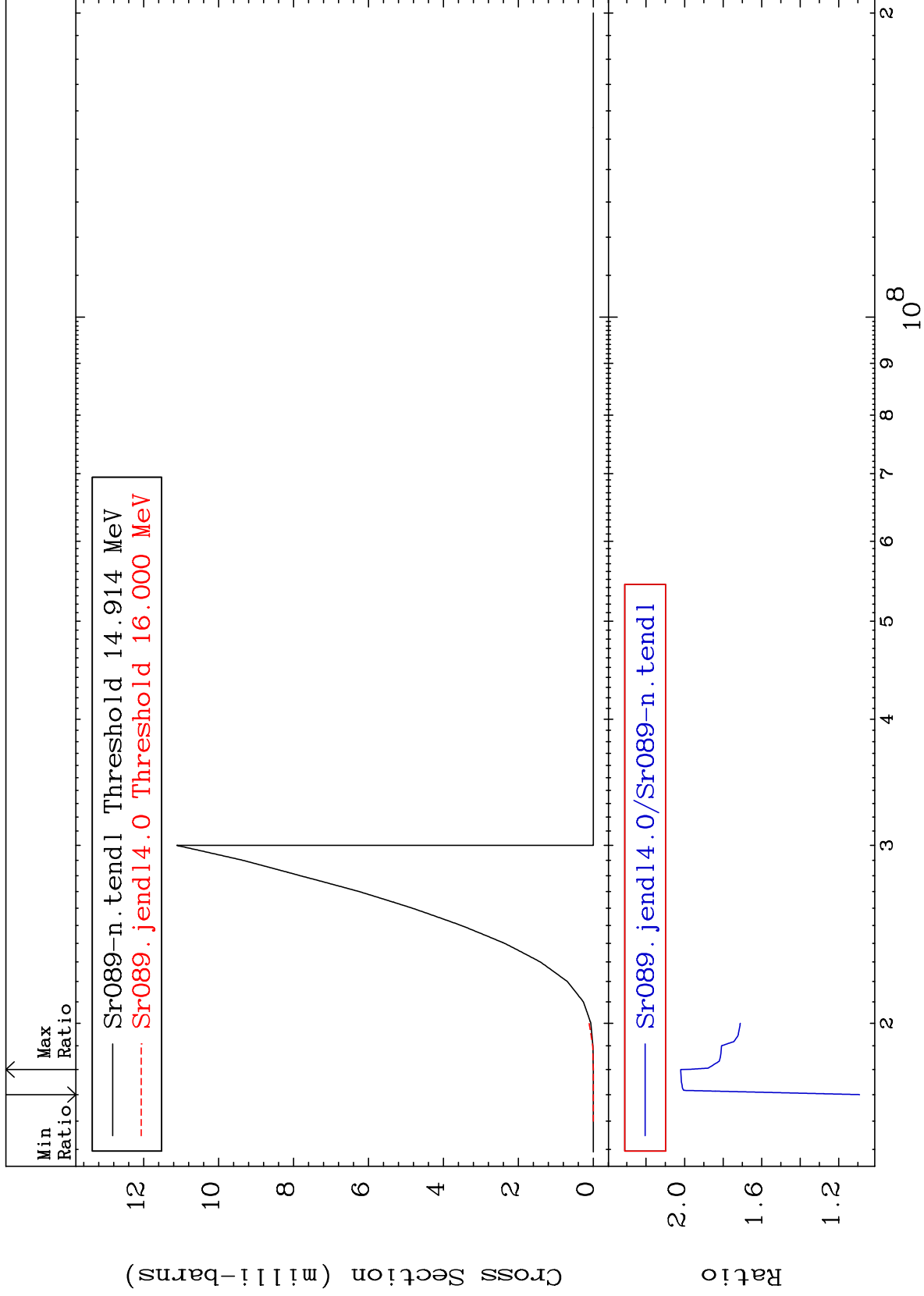
38-Sr-89
-45.05 To 7.919 %



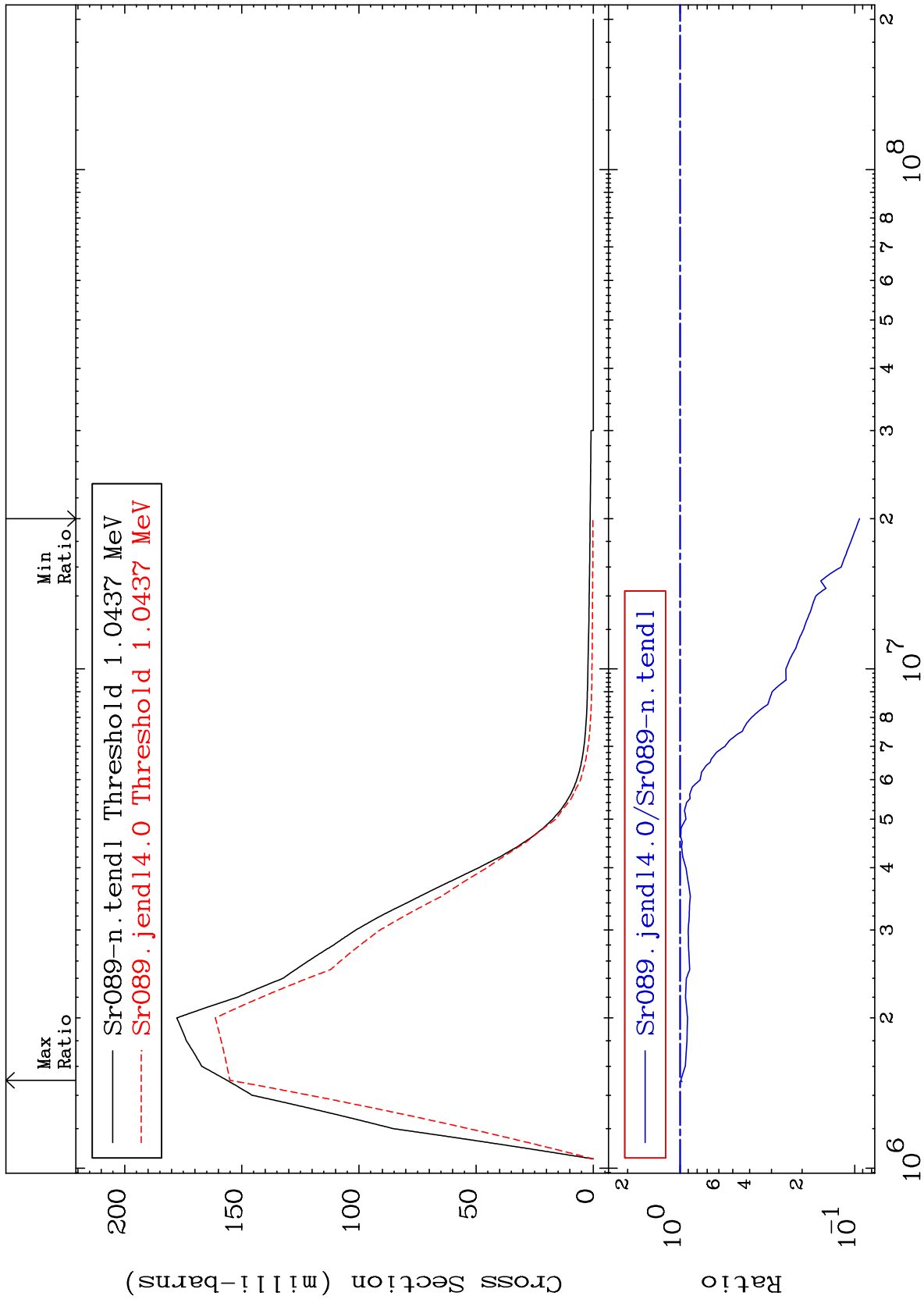
MAT 3840

(n,n') d
Cross Section

38-Sr-89
9.165 To 102.0 %



MAT 3840 1.032 MeV (n,n') Level Cross Section 38-Sr-89 -90.62 To -0.800%

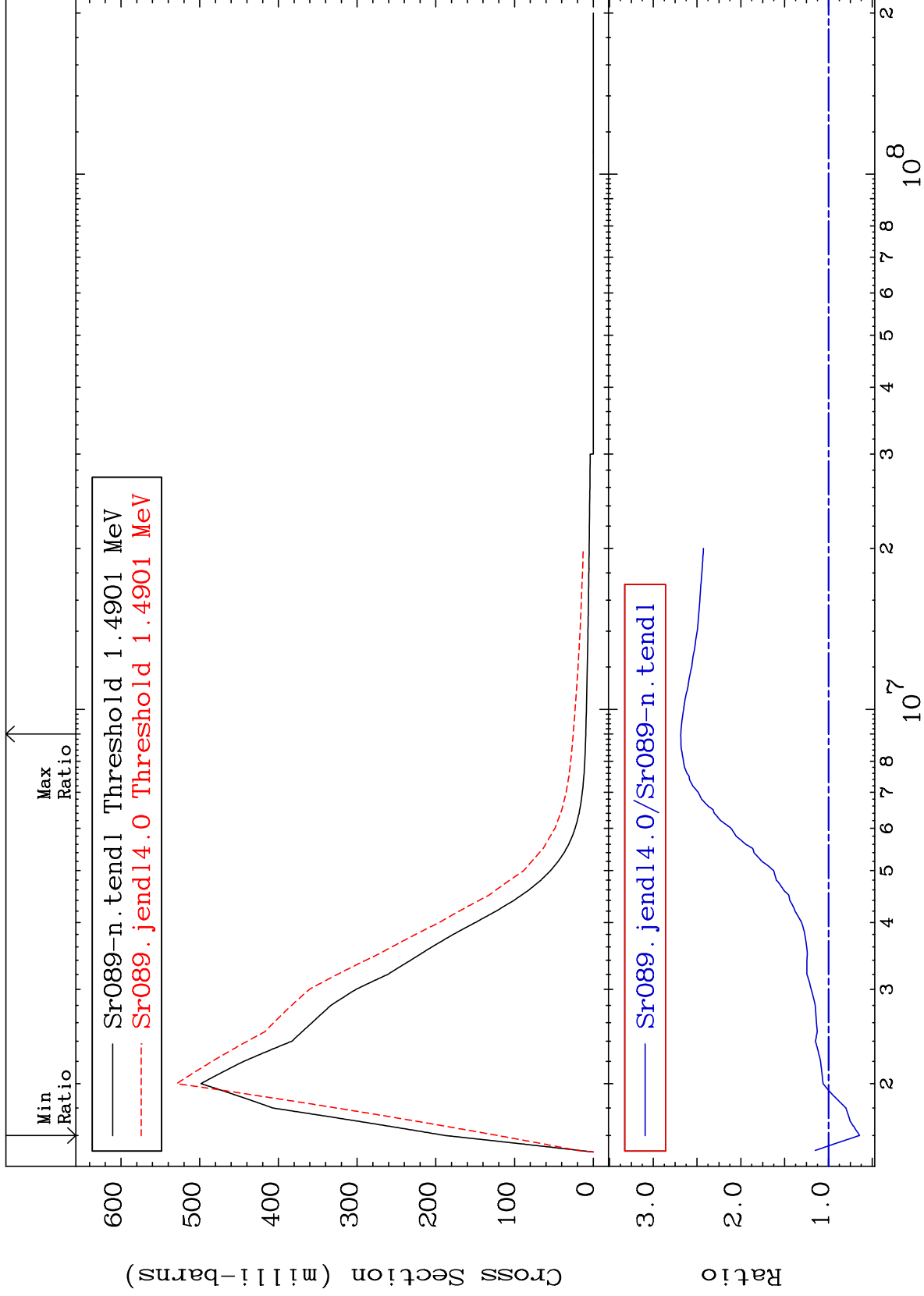


9 38-Sr-89

MAT 3840

1.473 MeV (n,n') Level
Cross Section

38-Sr-89
-35.51 To 168.6 %



10

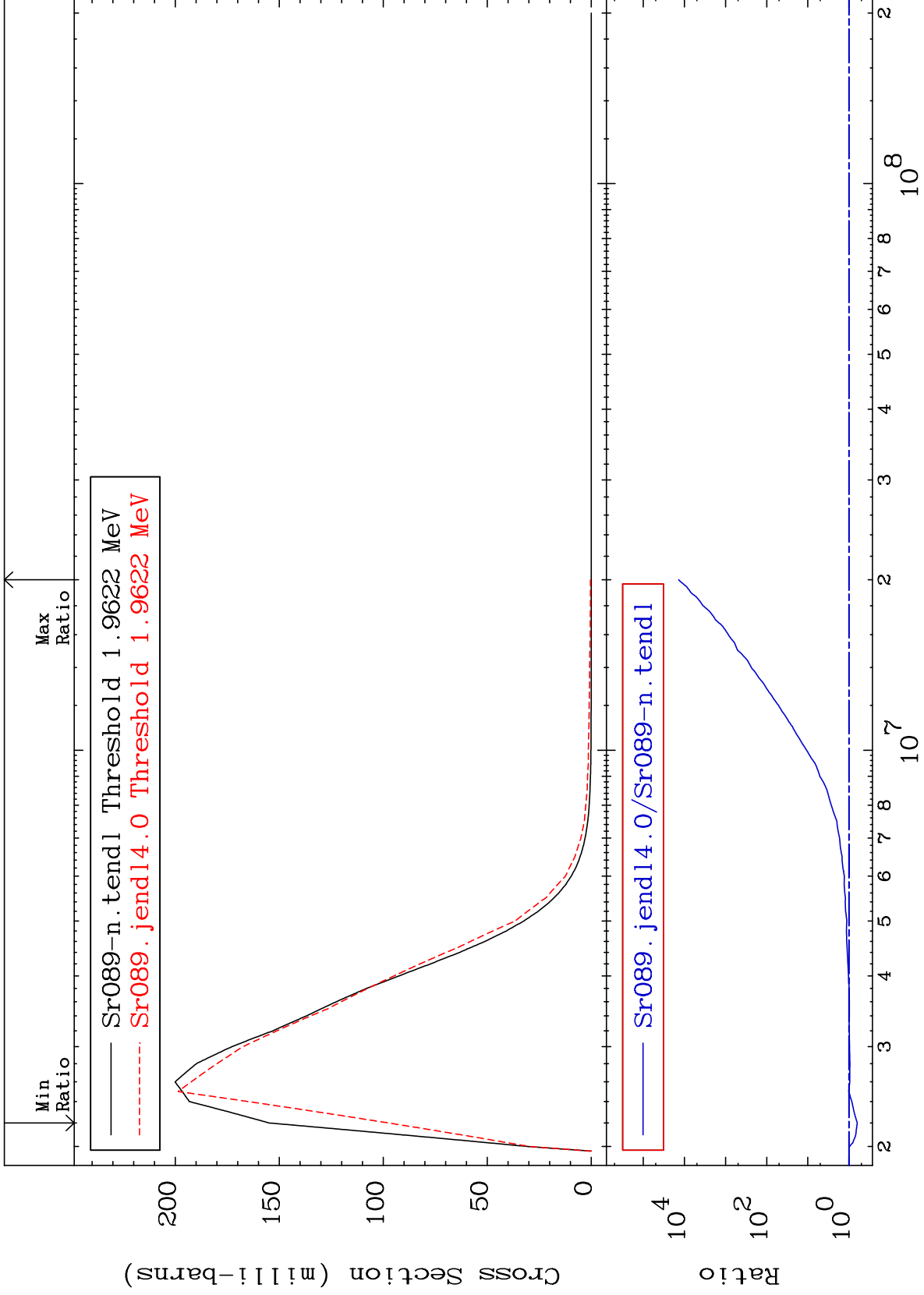
Incident Energy (eV)

38-Sr-89

MAT 3840

1.940 MeV (n,n') Level
Cross Section

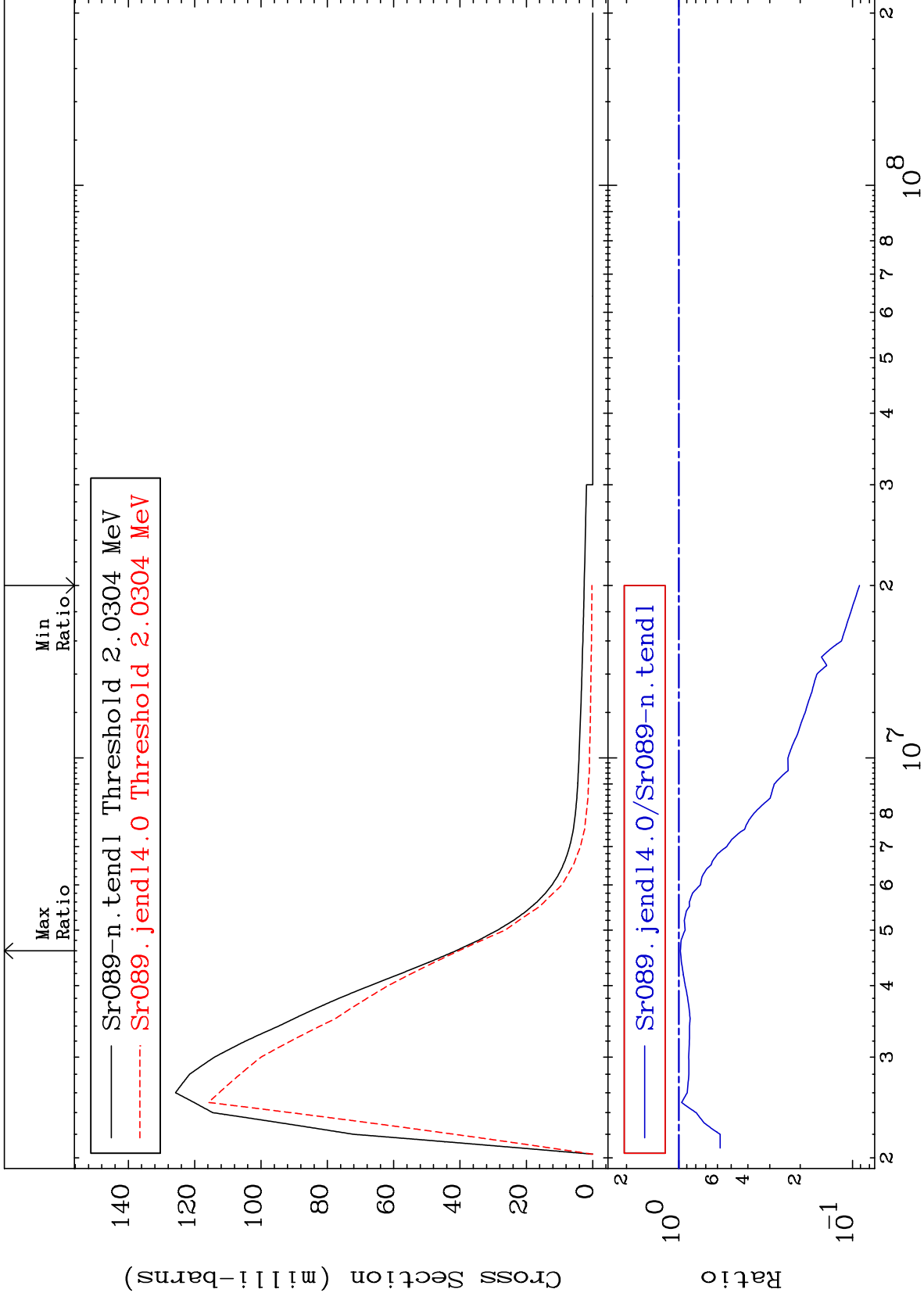
38-Sr-89
-37.10 To 9999. %



MAT 3840

2.008 MeV (n,n') Level
Cross Section

38-Sr-89
-90.87 To -1.978%



12

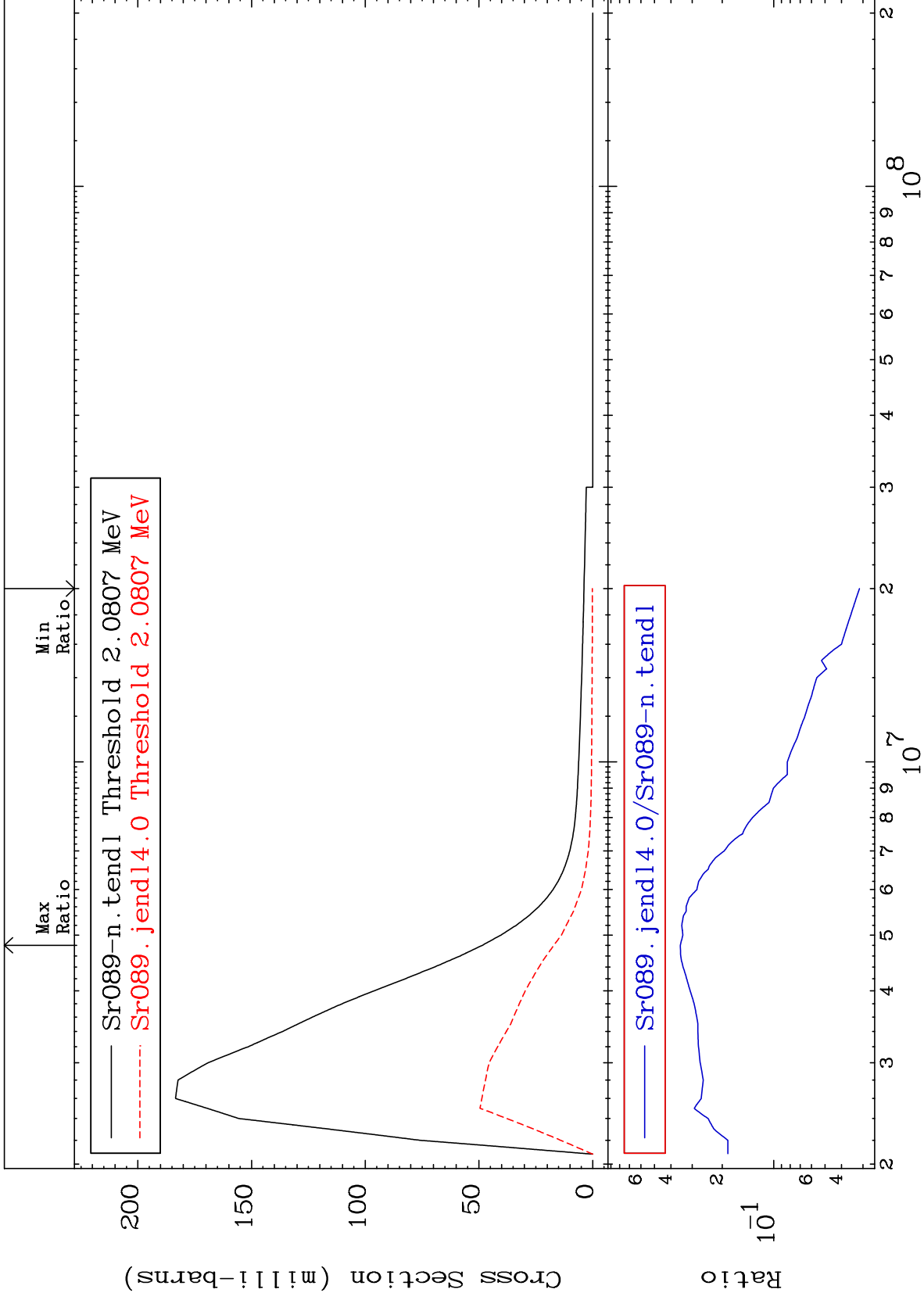
Incident Energy (eV)

38-Sr-89

MAT 3840

2.057 MeV (n,n') Level
Cross Section

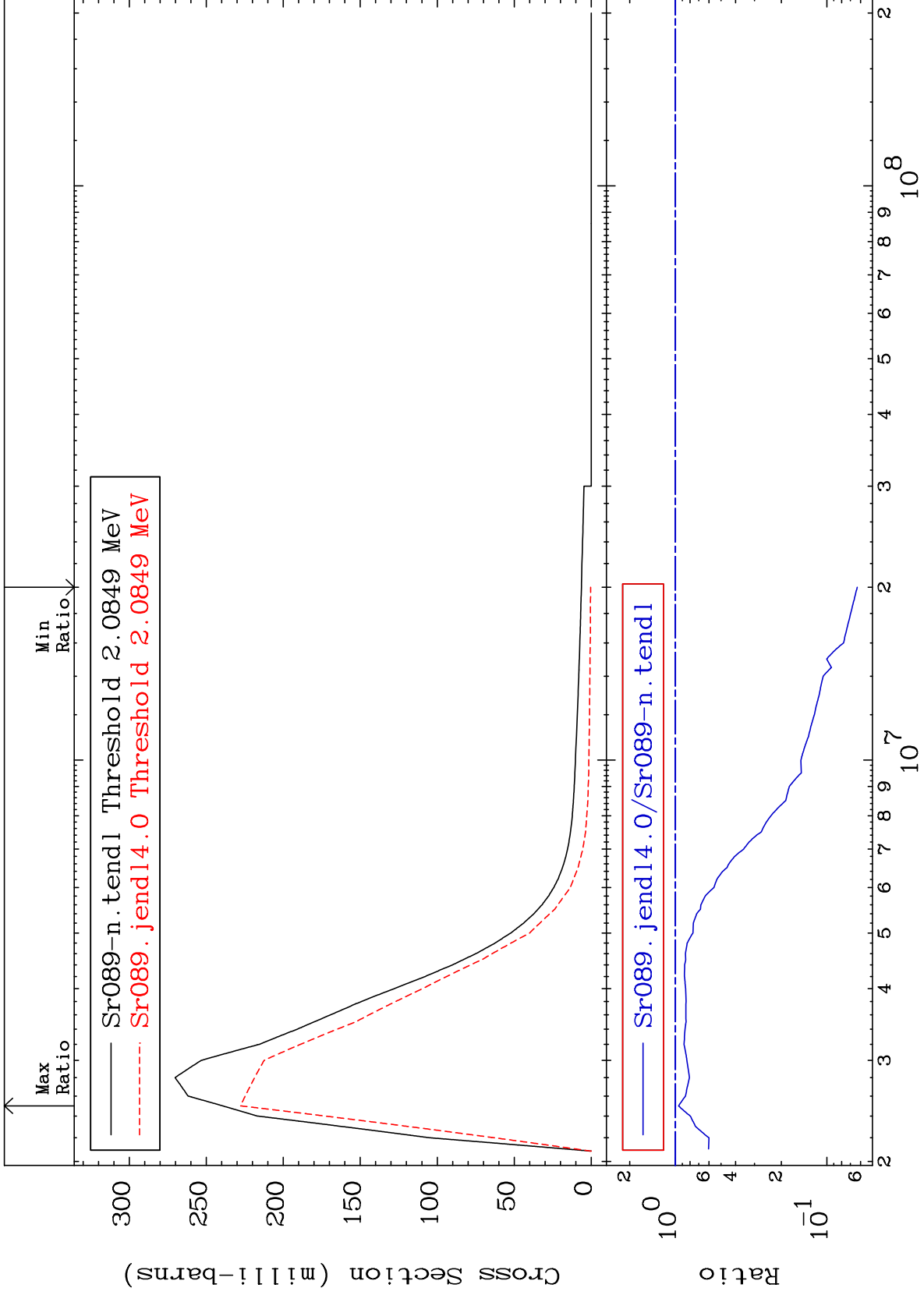
³⁸Sr-89
-96.86 To -64.79%



MAT 3840

2.062 MeV (n,n') Level
Cross Section

38-Sr-89
-93.70 To -4.851%

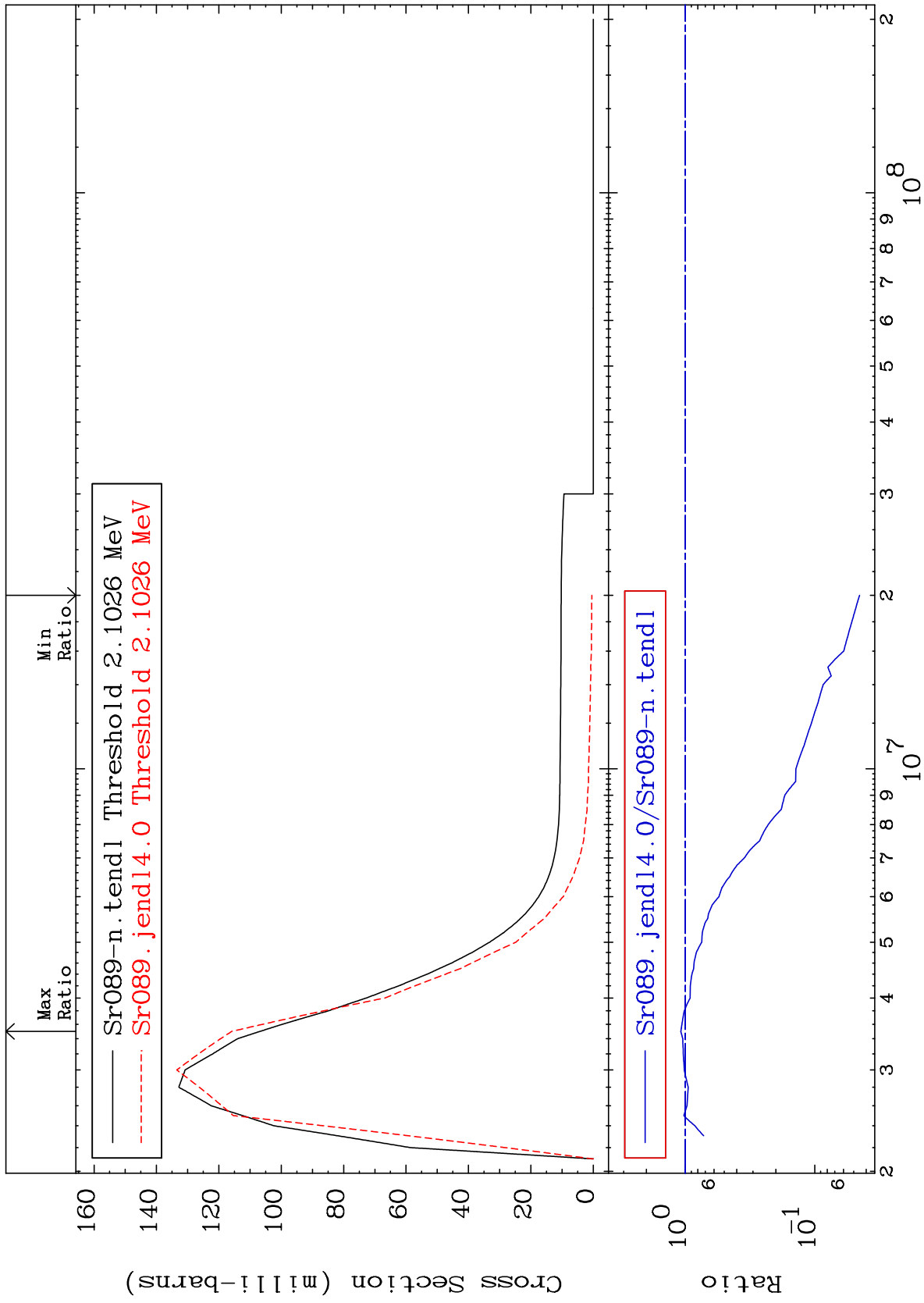


14

Incident Energy (eV)

38-Sr-89

MAT 3840 2.079 MeV (n,n') Level 38-Sr-89
 Cross Section -95.50 To 8.467 %

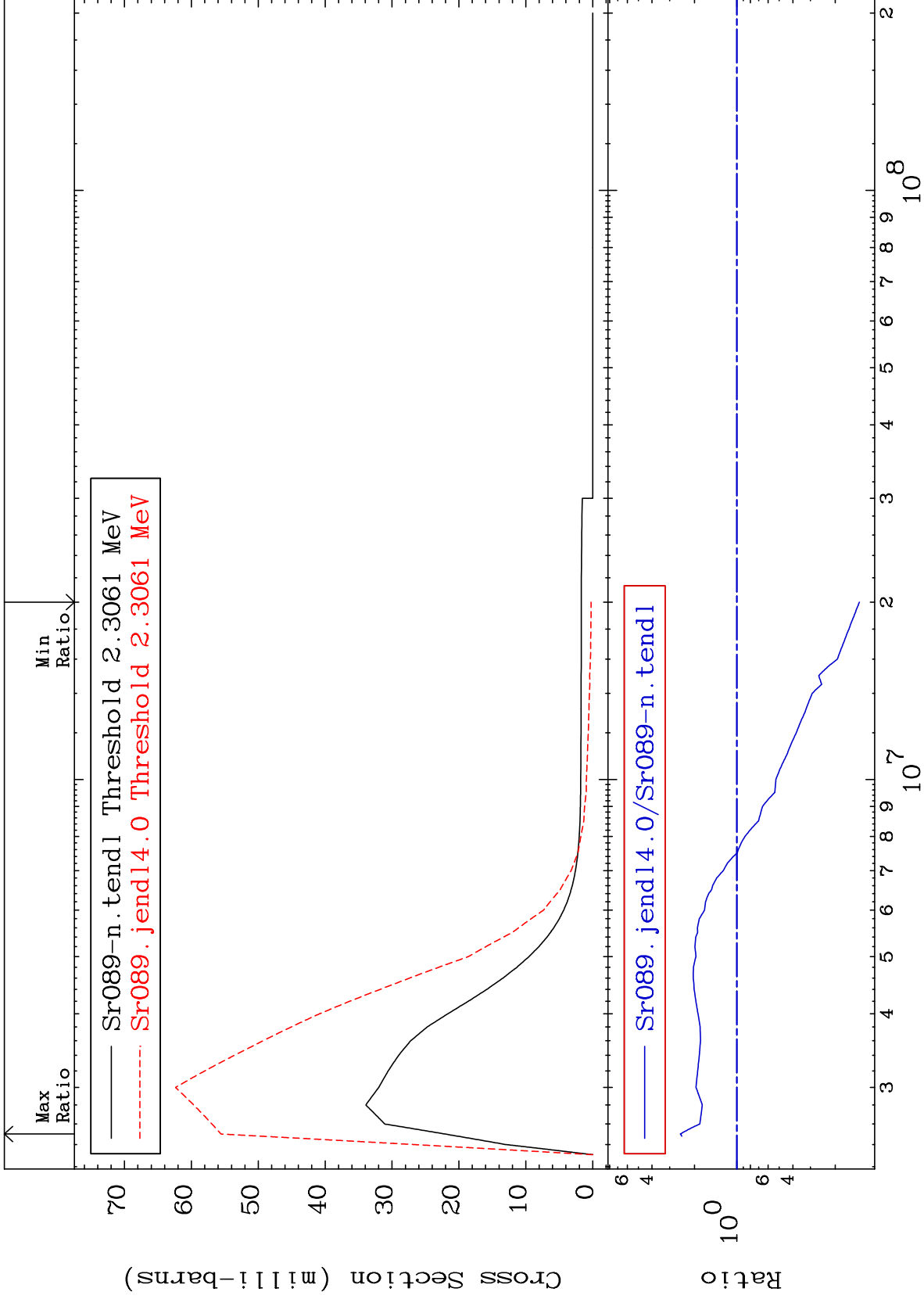


15 Incident Energy (eV) 38-Sr-89

MAT 3840

2.280 MeV (n,n') Level
Cross Section

38-Sr-89
-86.54 To 151.8 %



16

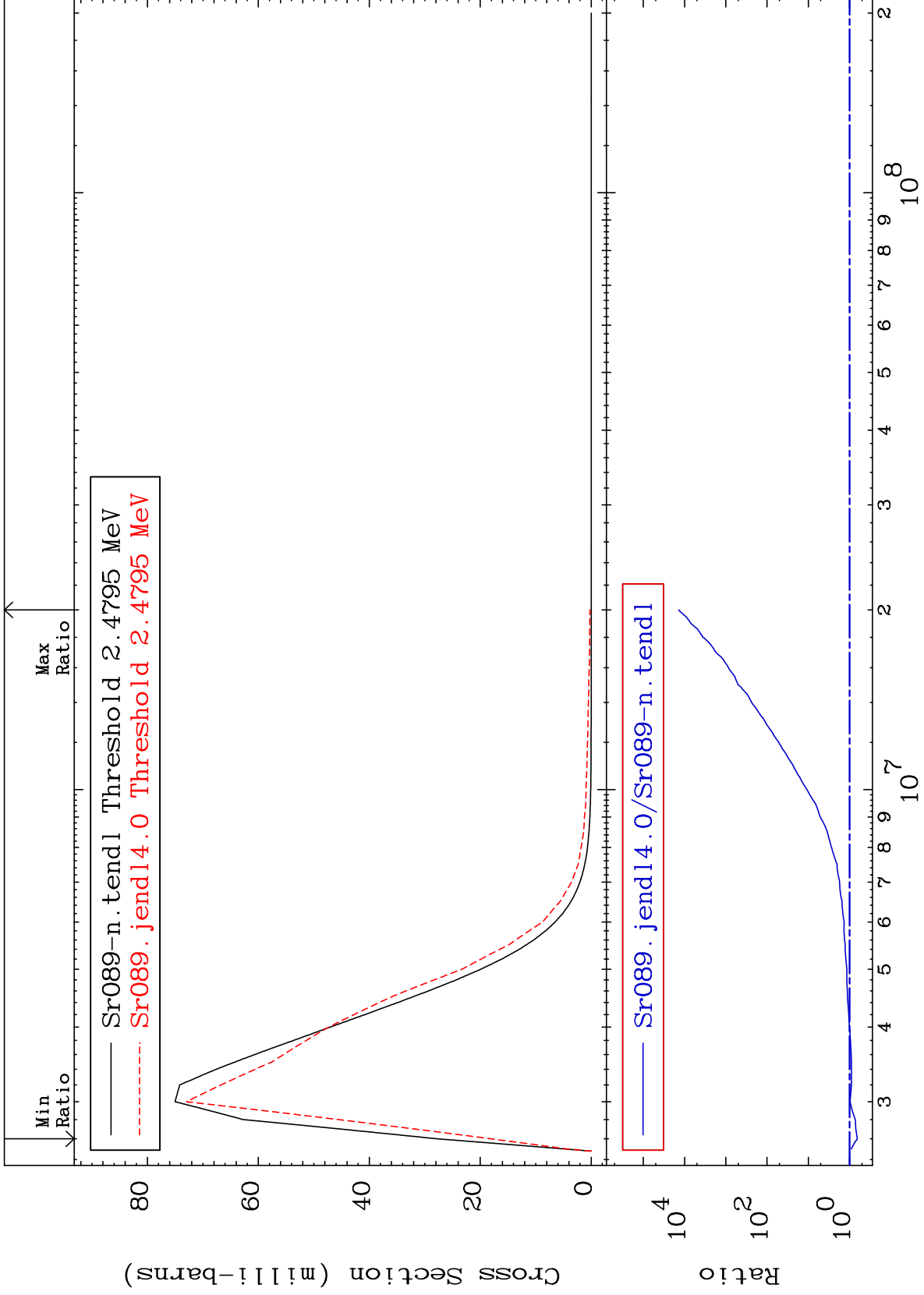
38-Sr-89

38-Sr-89

MAT 3840

2.452 MeV (n,n') Level
Cross Section

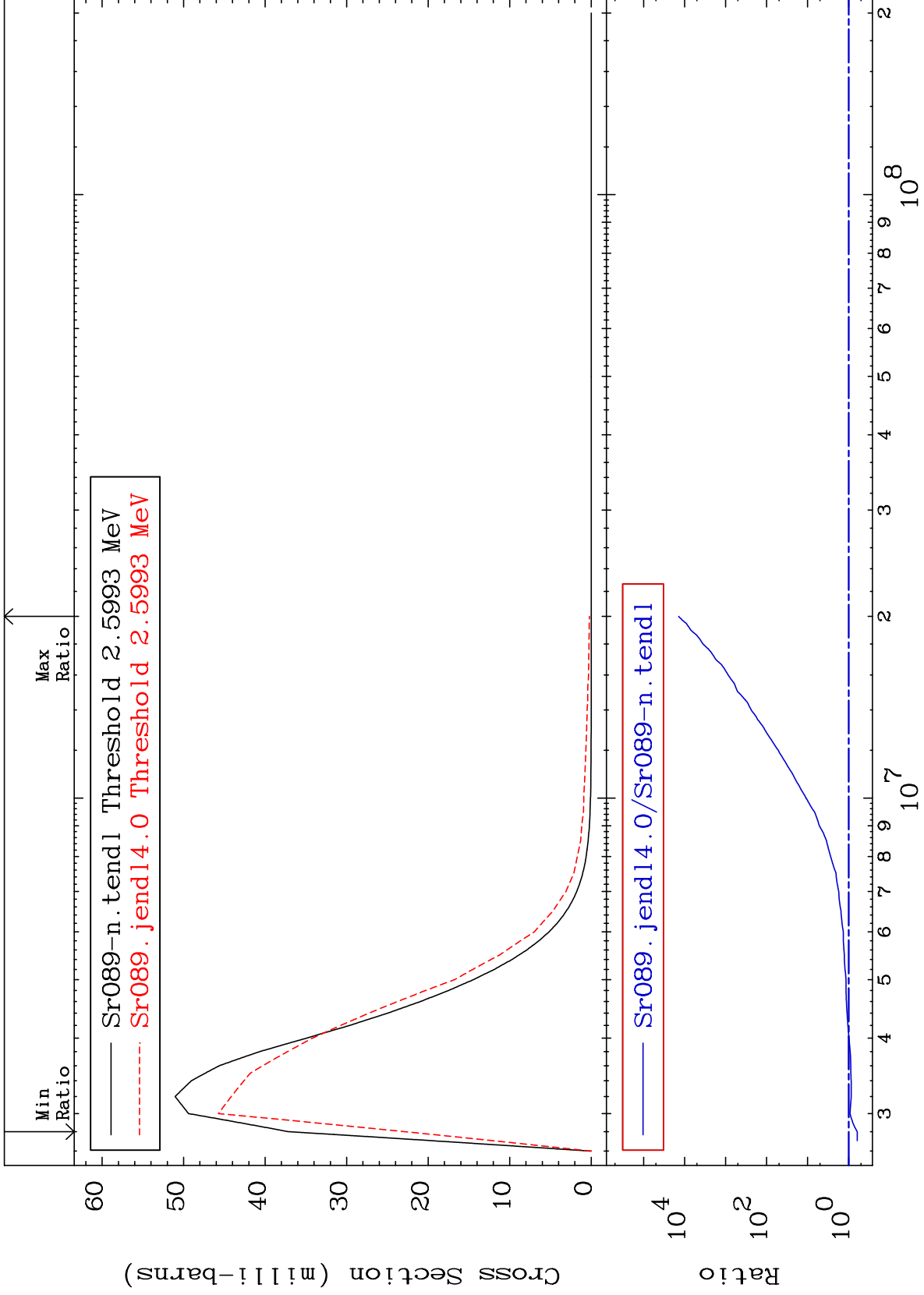
38-Sr-89
-34.97 To 9999. %



MAT 3840

2.570 MeV (n,n') Level
Cross Section

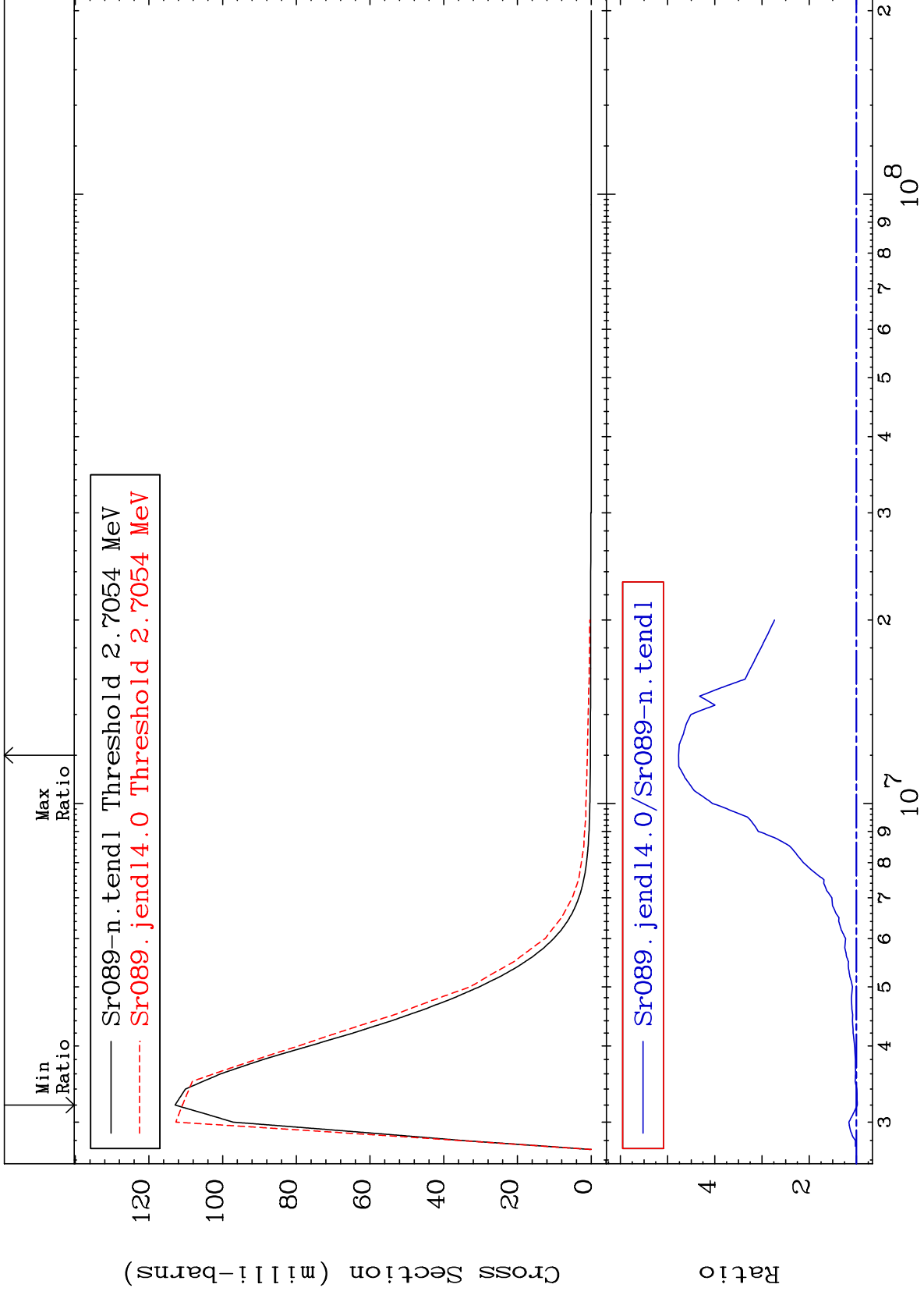
38-Sr-89
-38.37 To 9999. %



MAT 3840

2.675 MeV (n,n') Level
Cross Section

38-Sr-89
-1.785 To 376.6 %



19

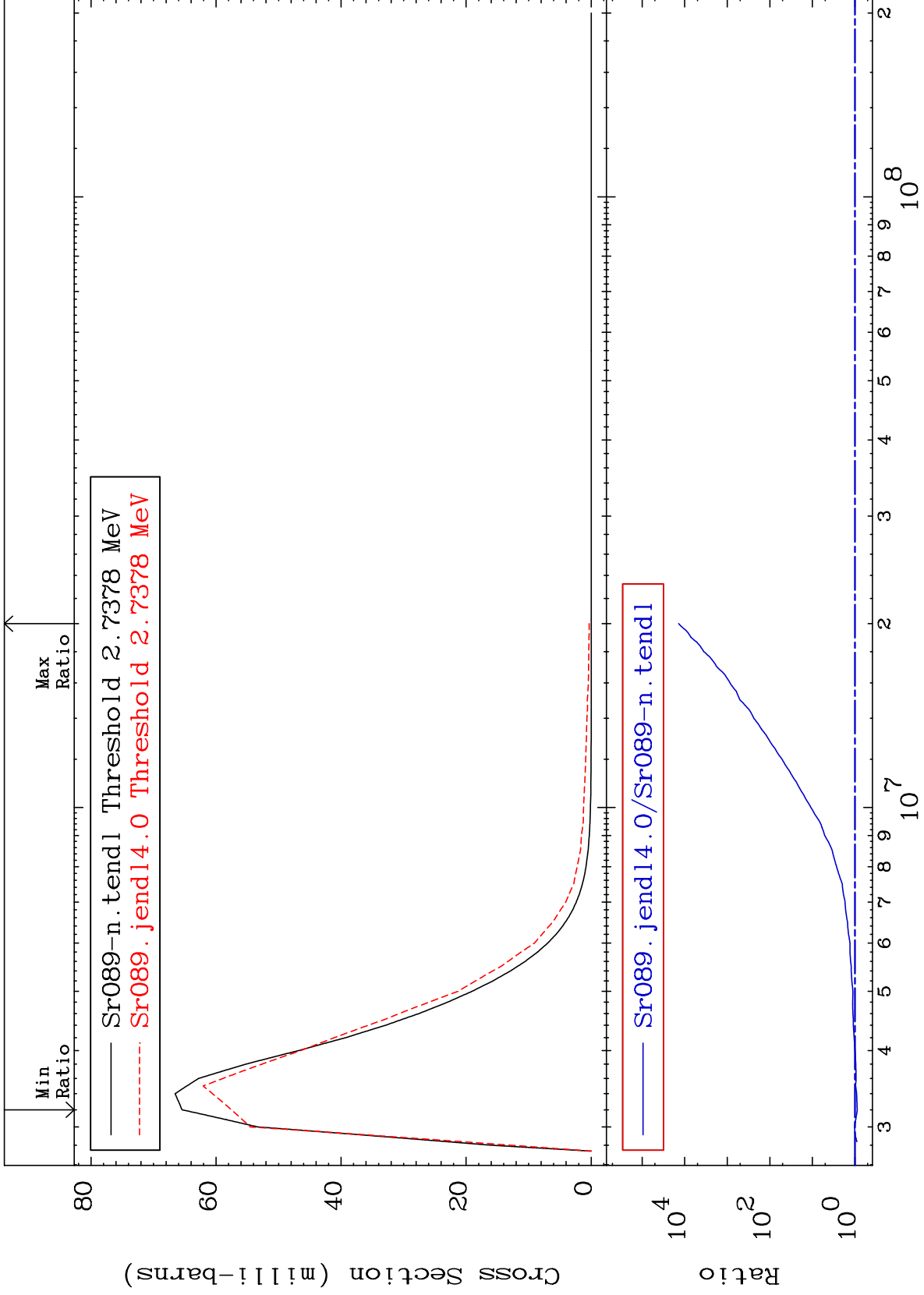
Incident Energy (eV)

38-Sr-89

MAT 3840

2.707 MeV (n,n') Level
Cross Section

38-Sr-89
-12.06 To 9999. %



20

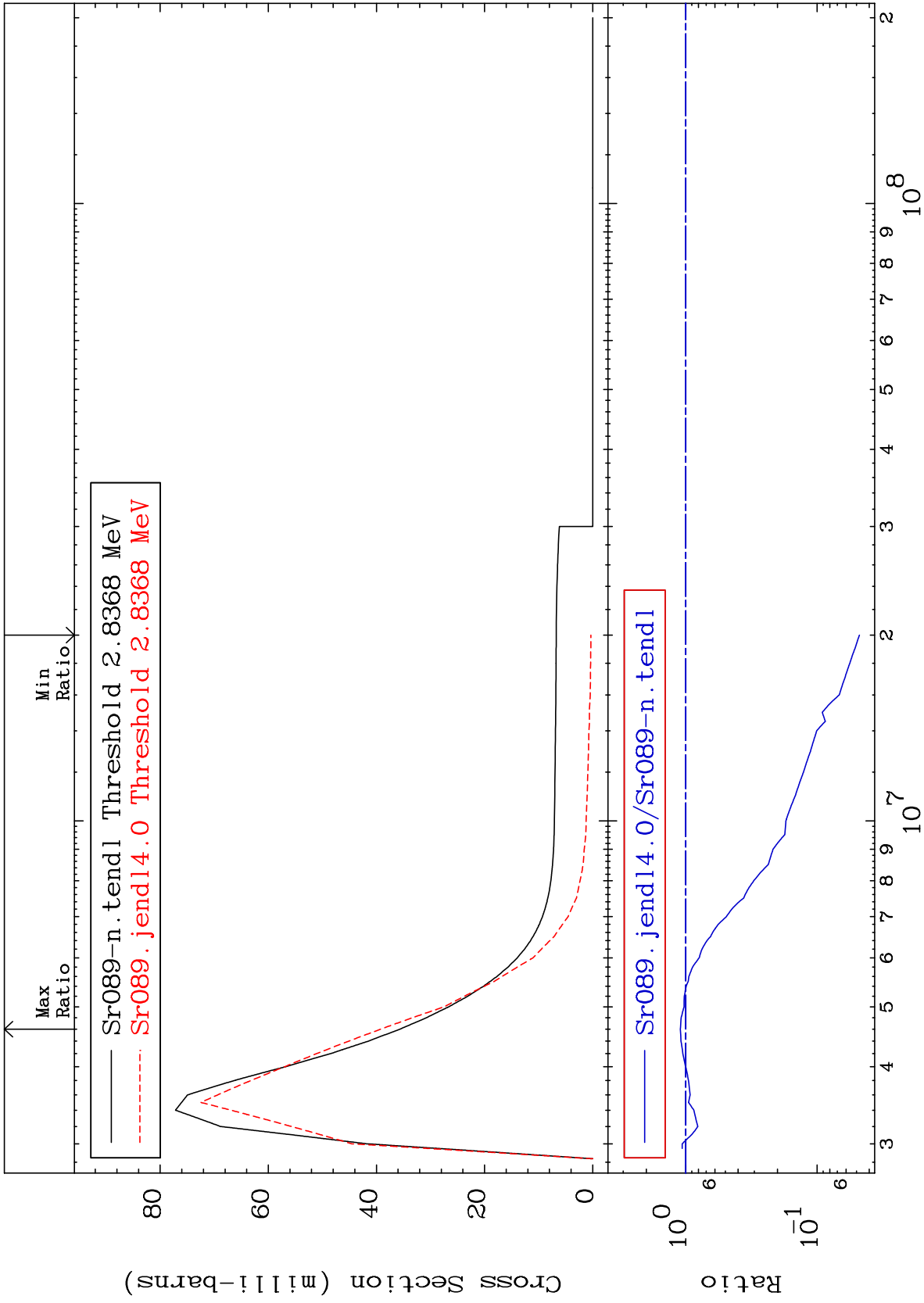
Incident Energy (eV)

38-Sr-89

MAT 3840

2.805 MeV (n,n') Level
Cross Section

38-Sr-89
-95.24 To 9.989 %



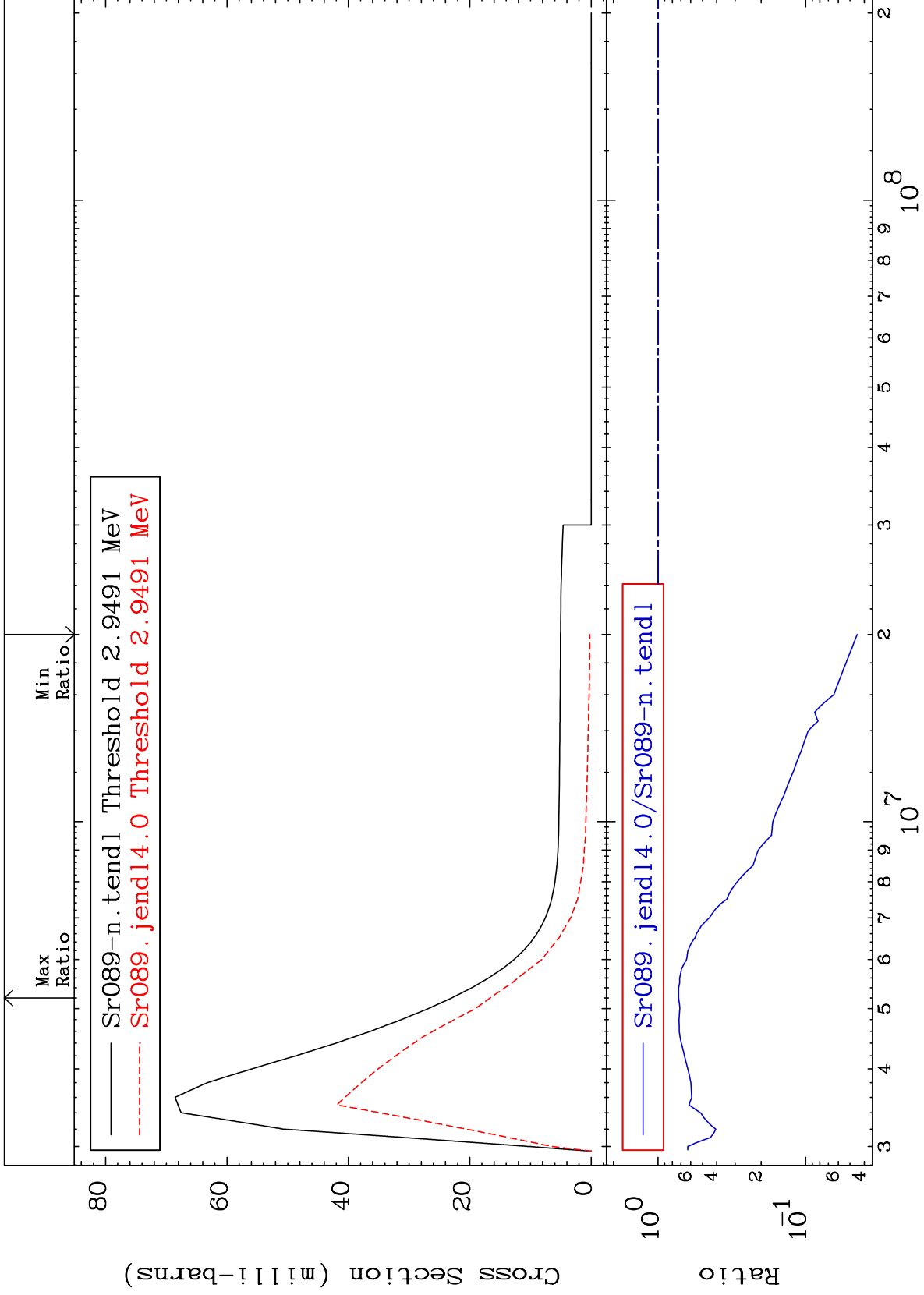
21

38-Sr-89

MAT 3840

2.916 MeV (n,n') Level
Cross Section

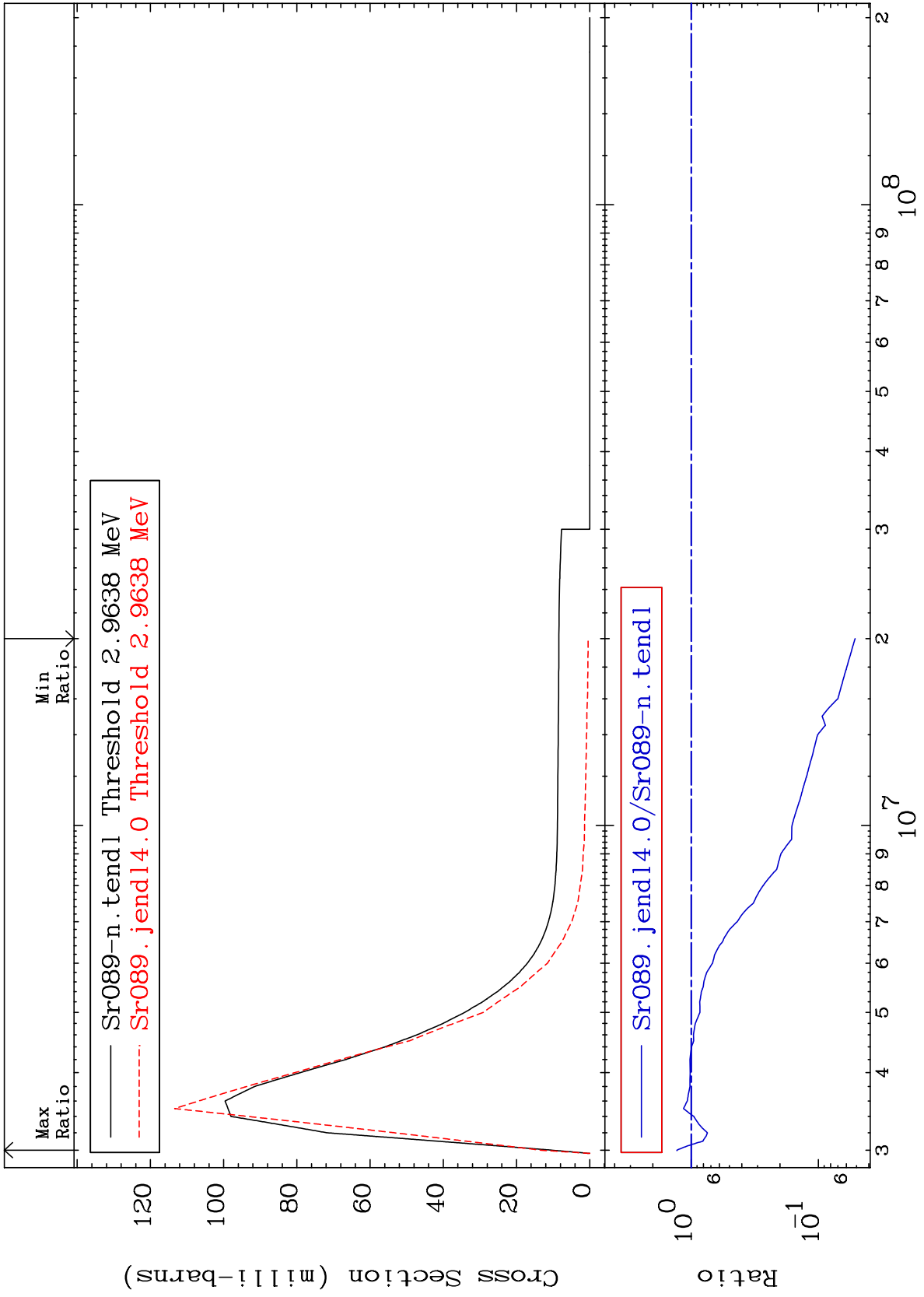
38-Sr-89
-95.53 To -27.53%



MAT 3840

2.931 MeV (n,n') Level
Cross Section

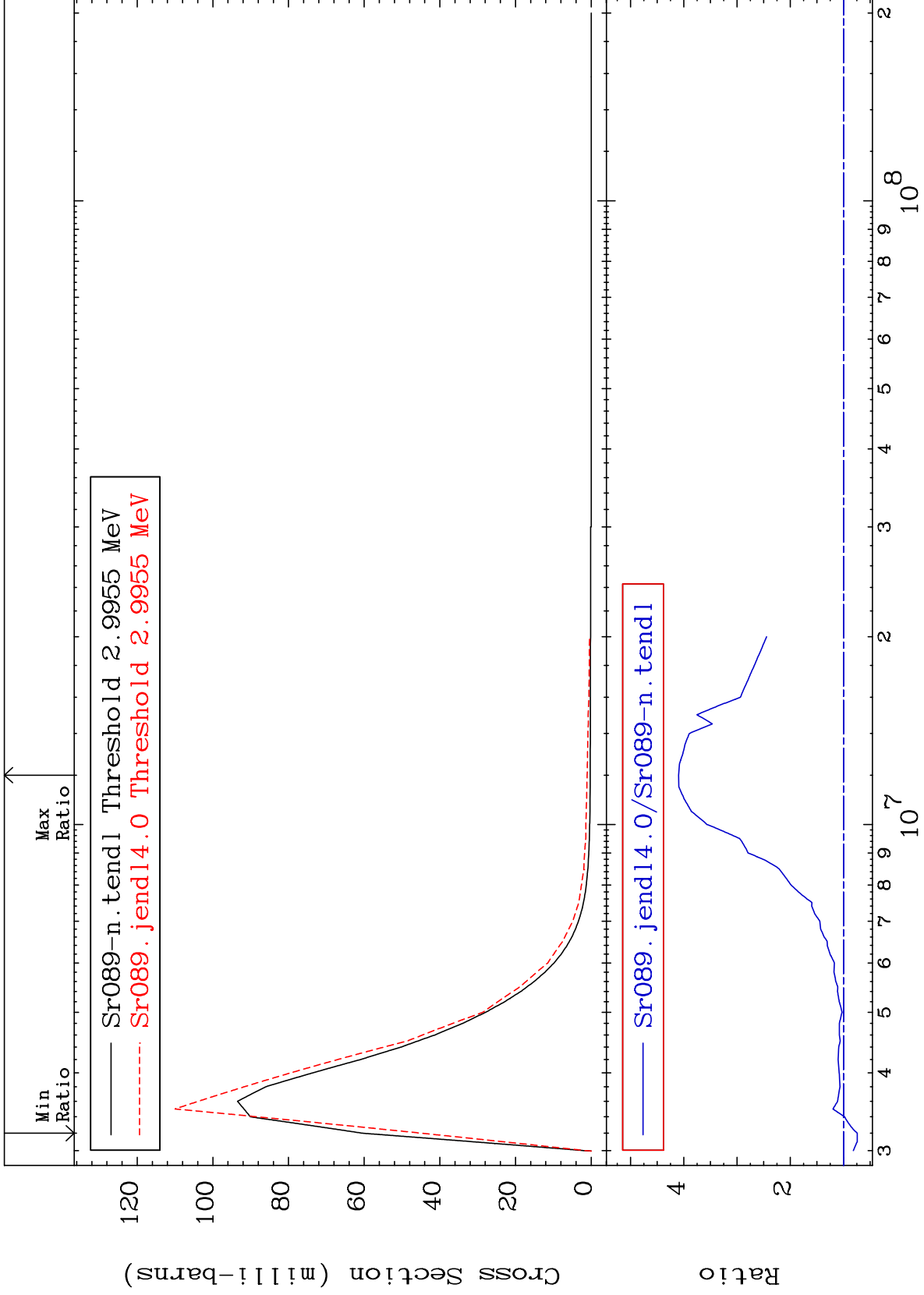
38-Sr-89
-94.87 To 29.34 %



MAT 3840

2.962 MeV (n,n') Level
Cross Section

38-Sr-89
-25.87 To 309.7 %



24

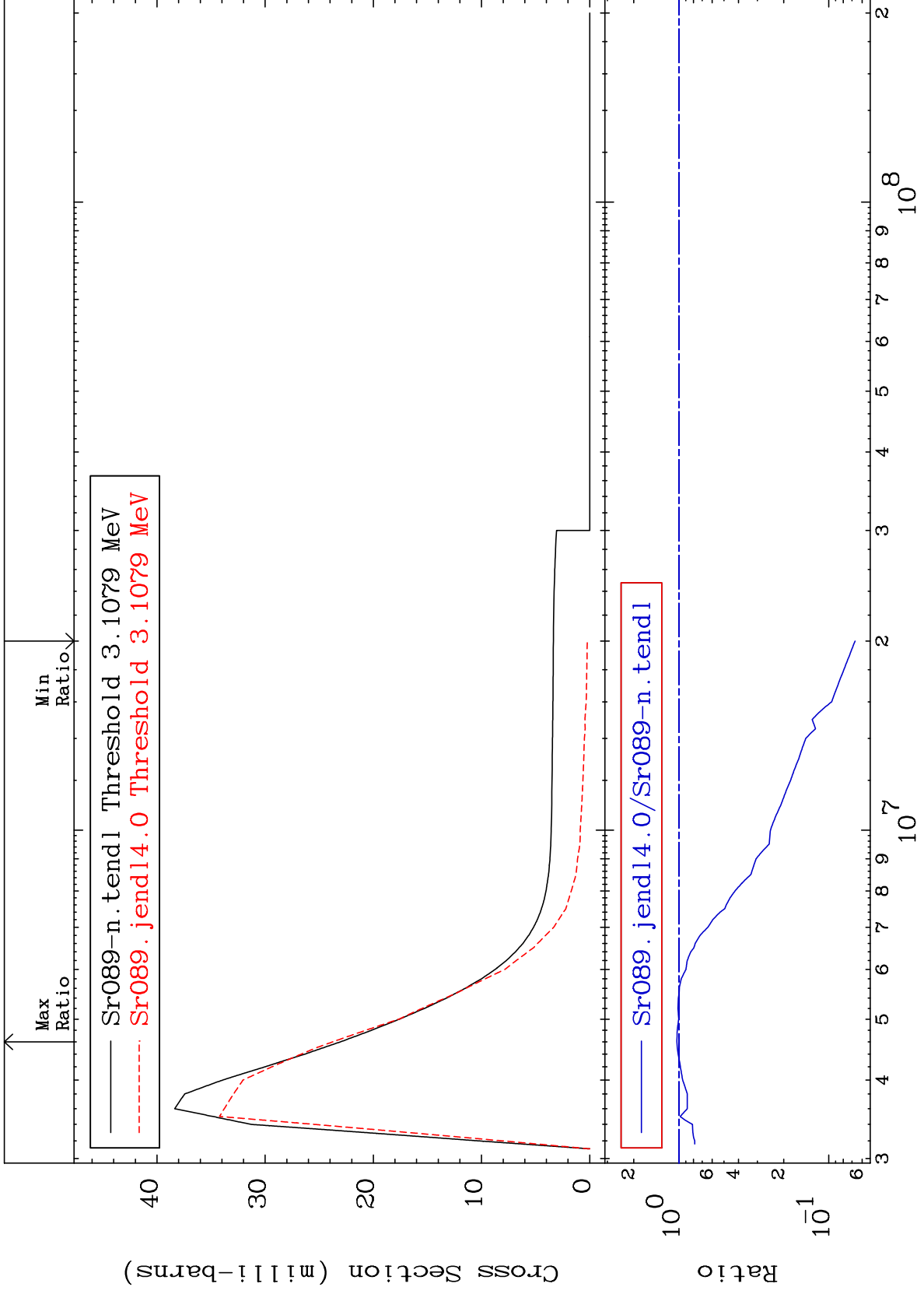
Incident Energy (eV)

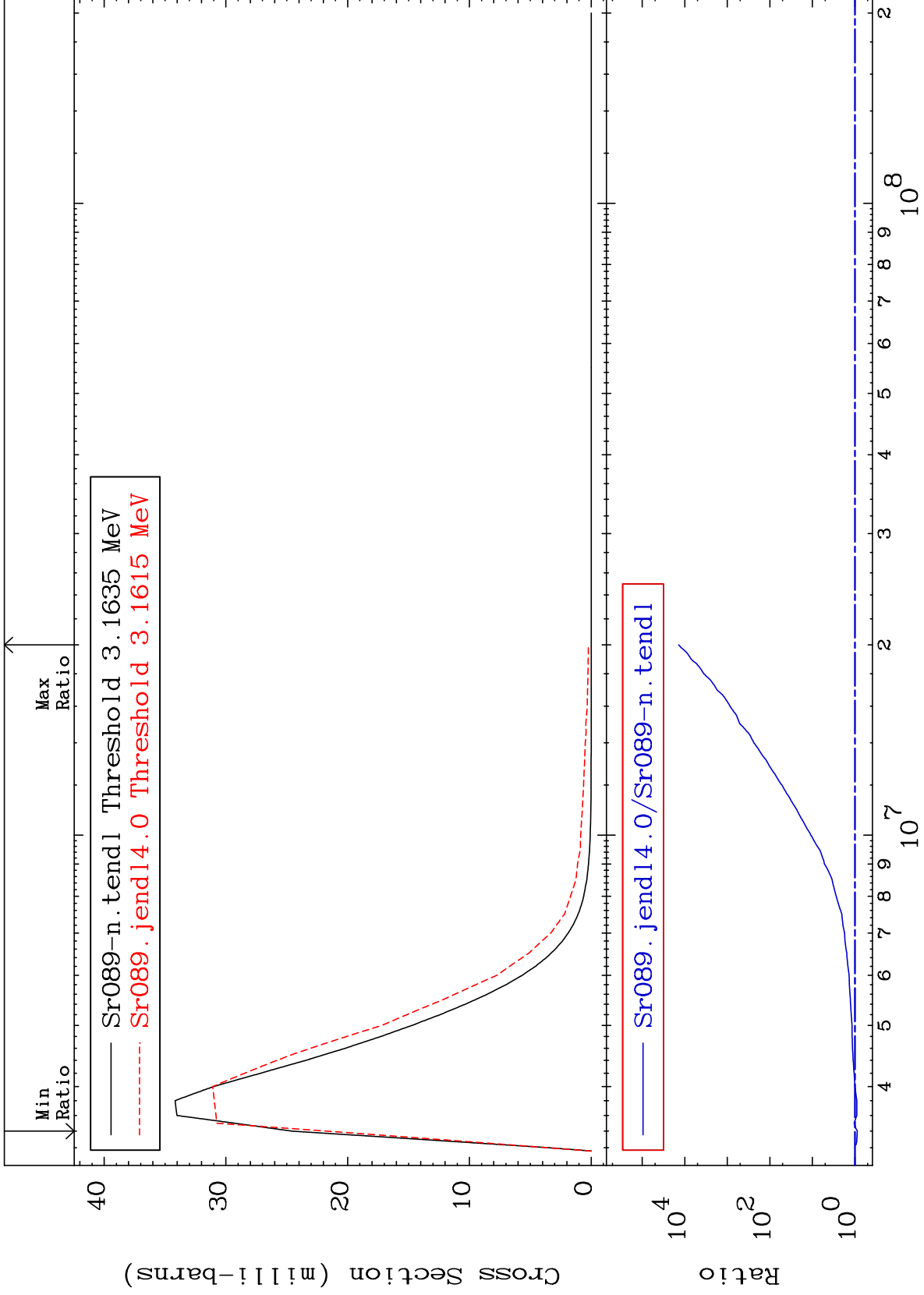
38-Sr-89

MAT 3840

3.073 MeV (n,n') Level
Cross Section

38-Sr-89
-93.32 To 3.123 %

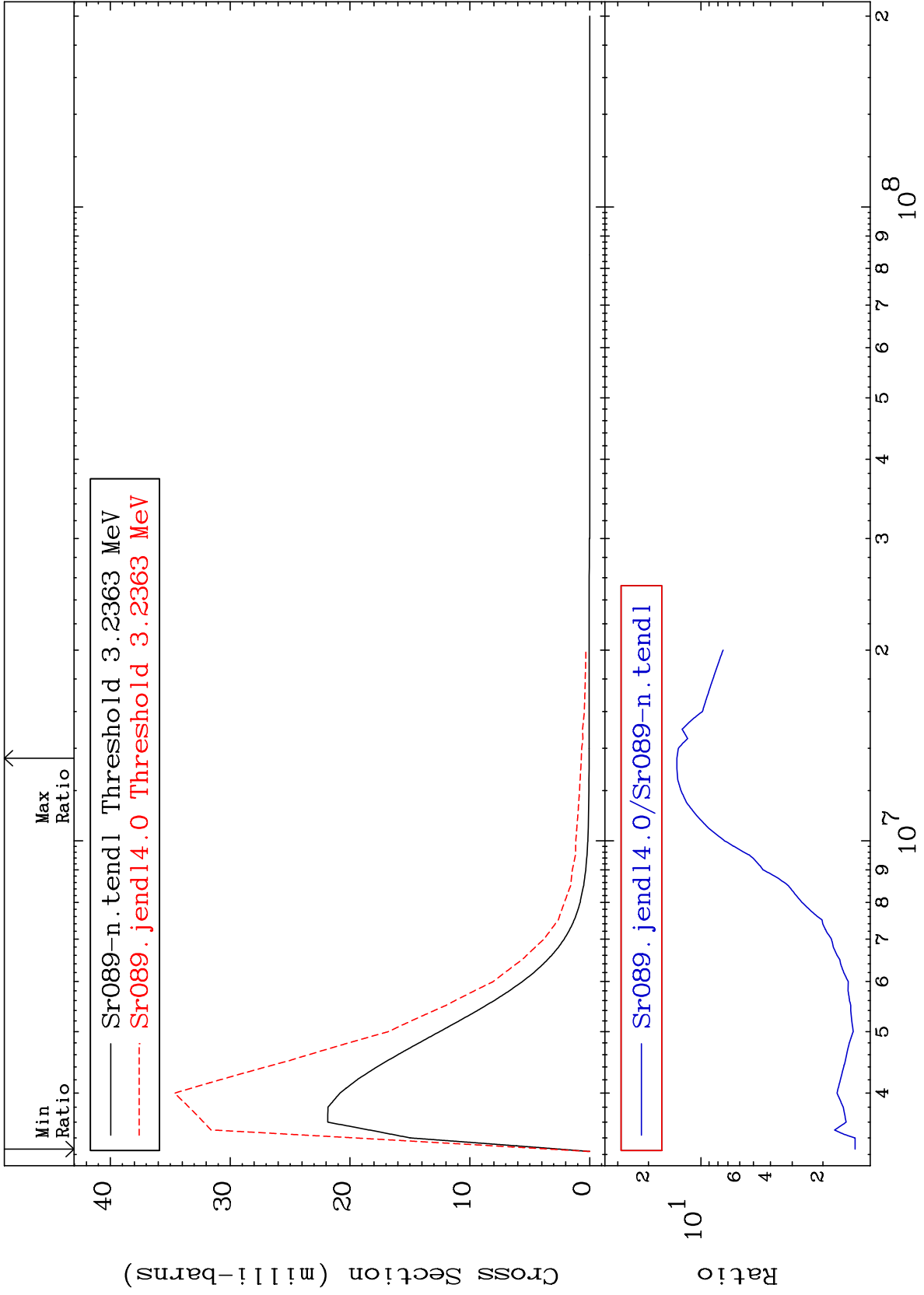




MAT 3840

3.200 MeV (n,n') Level
Cross Section

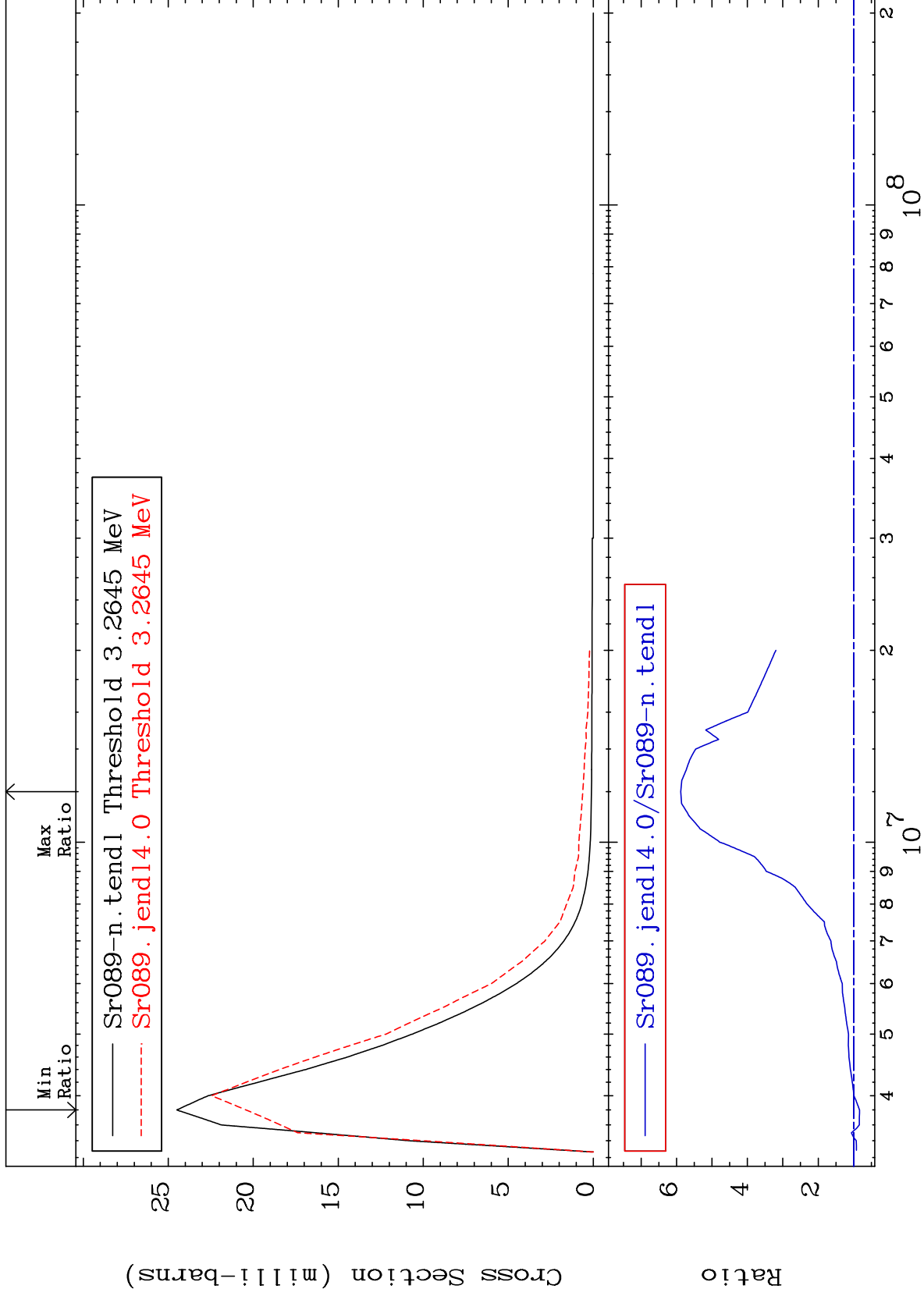
38-Sr-89
30.89 To 1273. %



MAT 3840

3.228 MeV (n,n') Level
Cross Section

38-Sr-89
-16.65 To 488.1 %



28

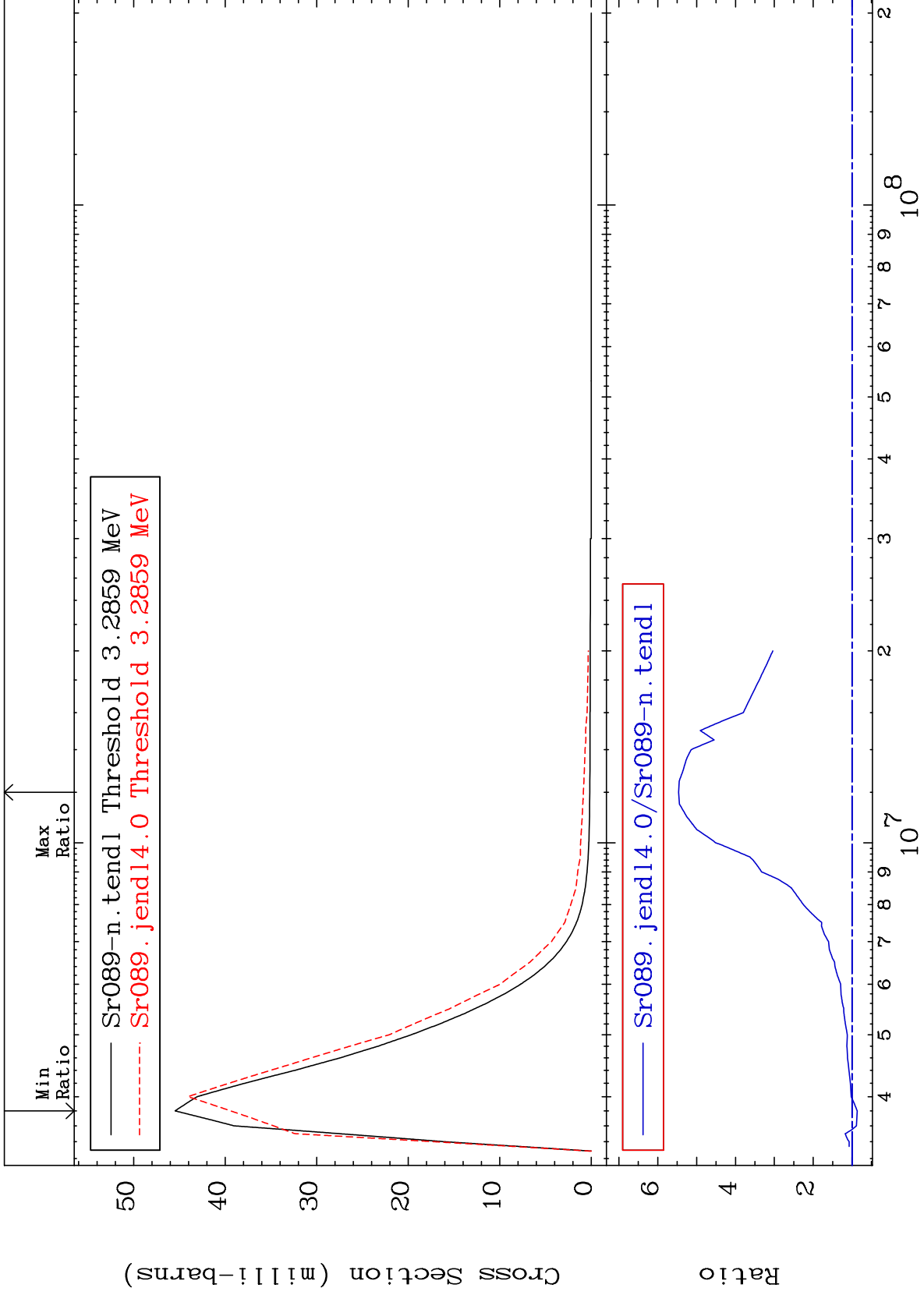
Incident Energy (eV)

38-Sr-89

MAT 3840

3.249 MeV (n,n') Level
Cross Section

38-Sr-89
-13.38 To 446.3 %



29

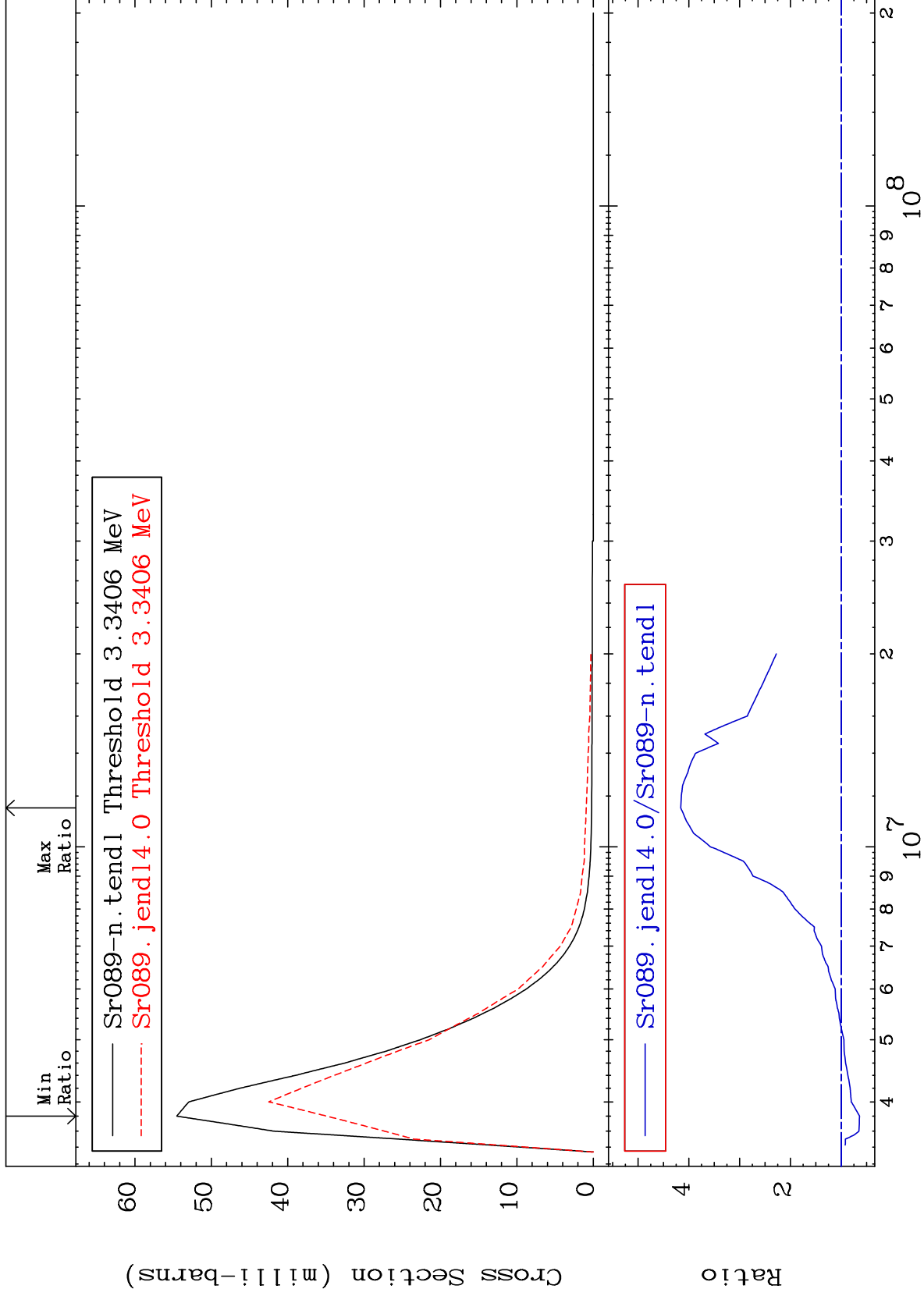
Incident Energy (eV)

38-Sr-89

MAT 3840

3.303 MeV (n,n') Level
Cross Section

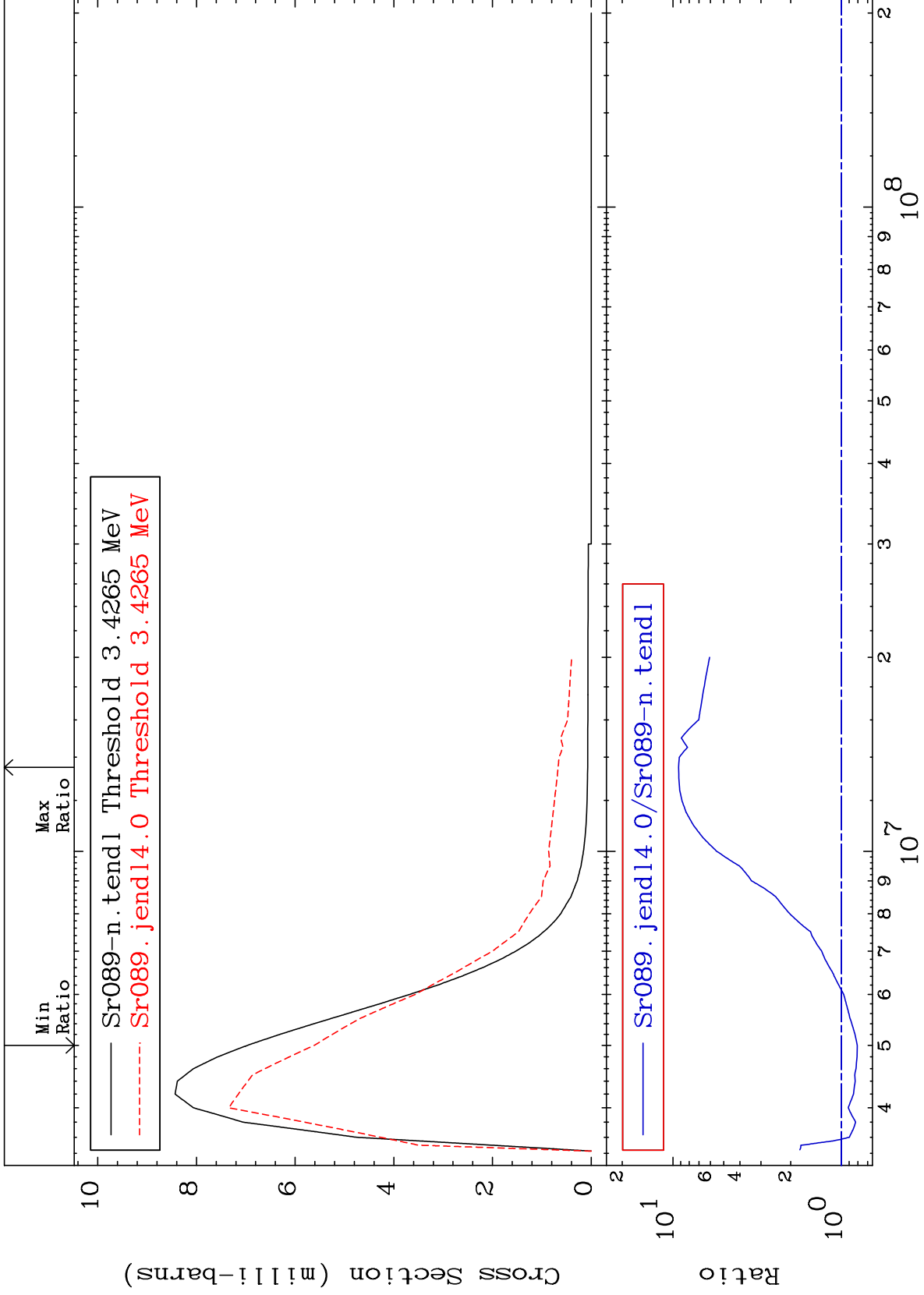
38-Sr-89
-36.02 To 316.0 %



30

Incident Energy (eV)

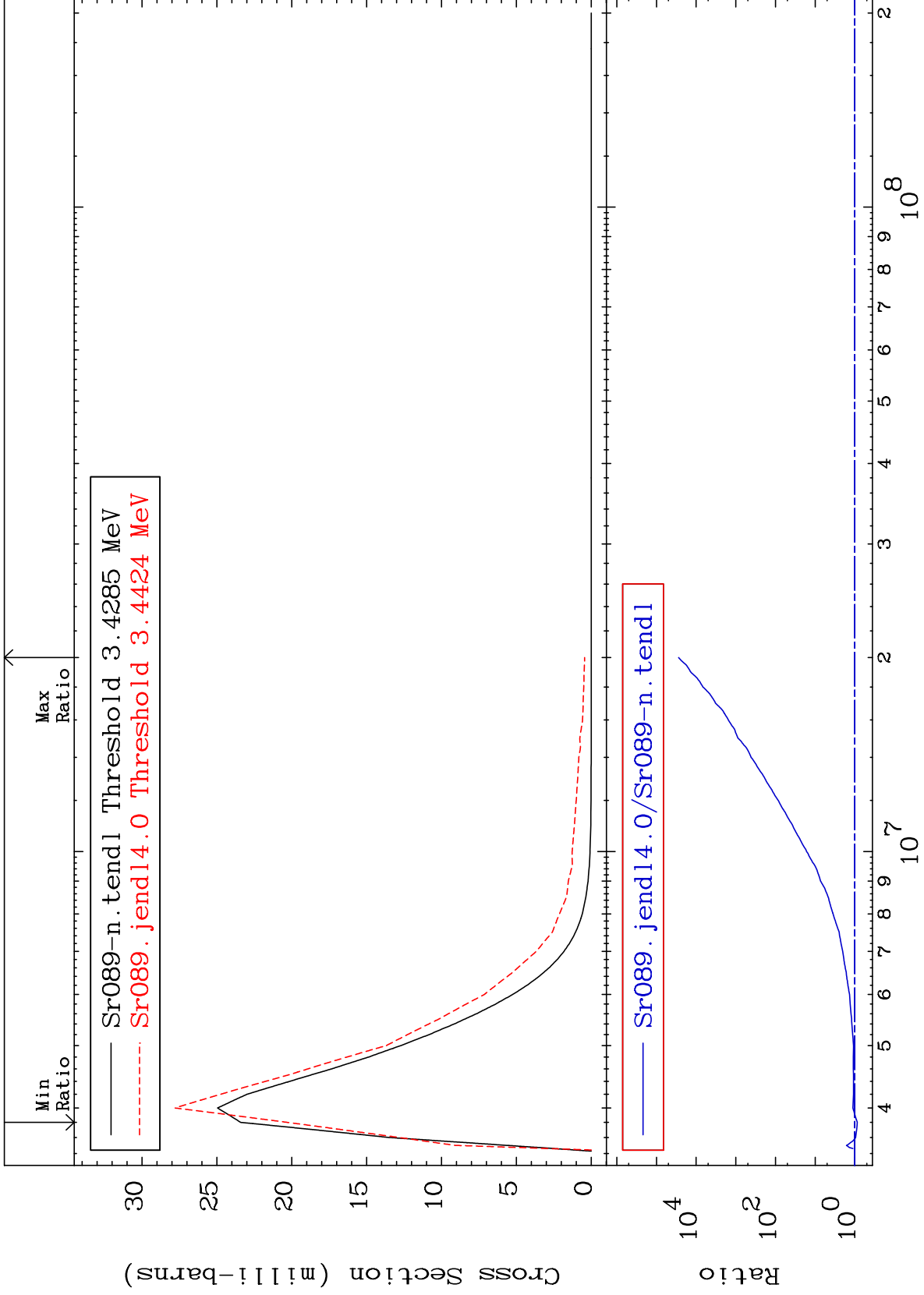
38-Sr-89

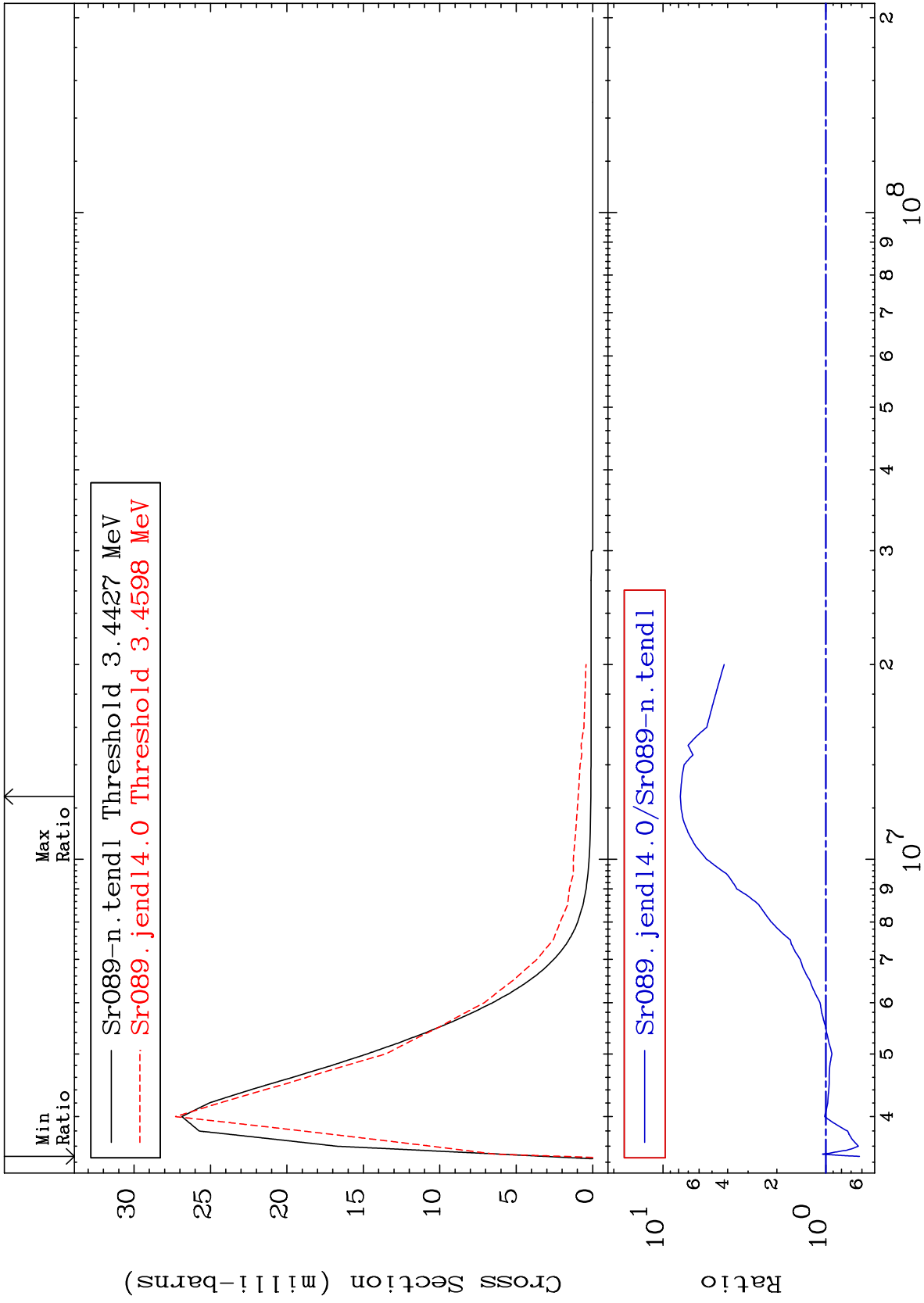


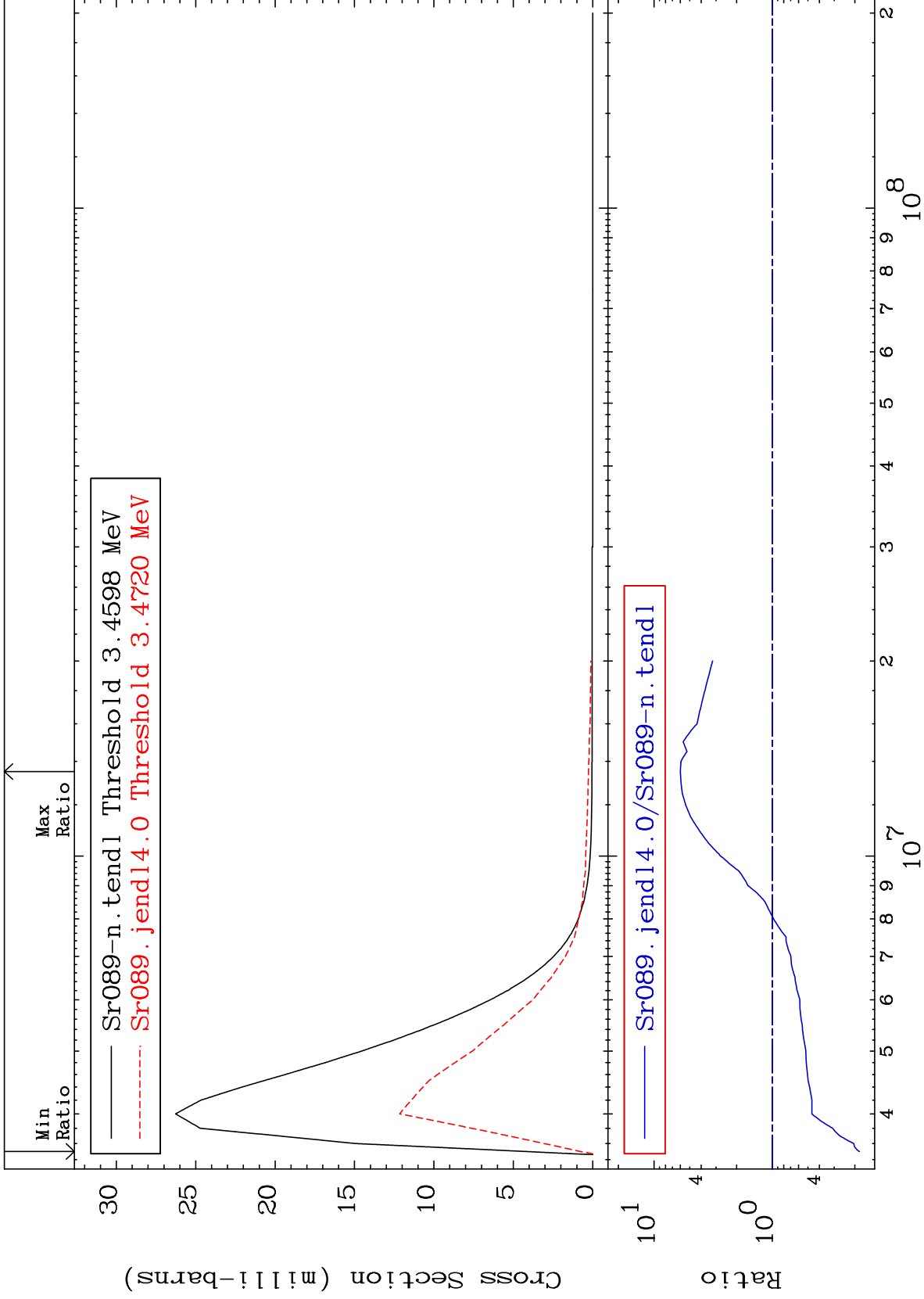
MAT 3840

3.390 MeV (n,n') Level
Cross Section

38-Sr-89
-13.20 To 9999. %



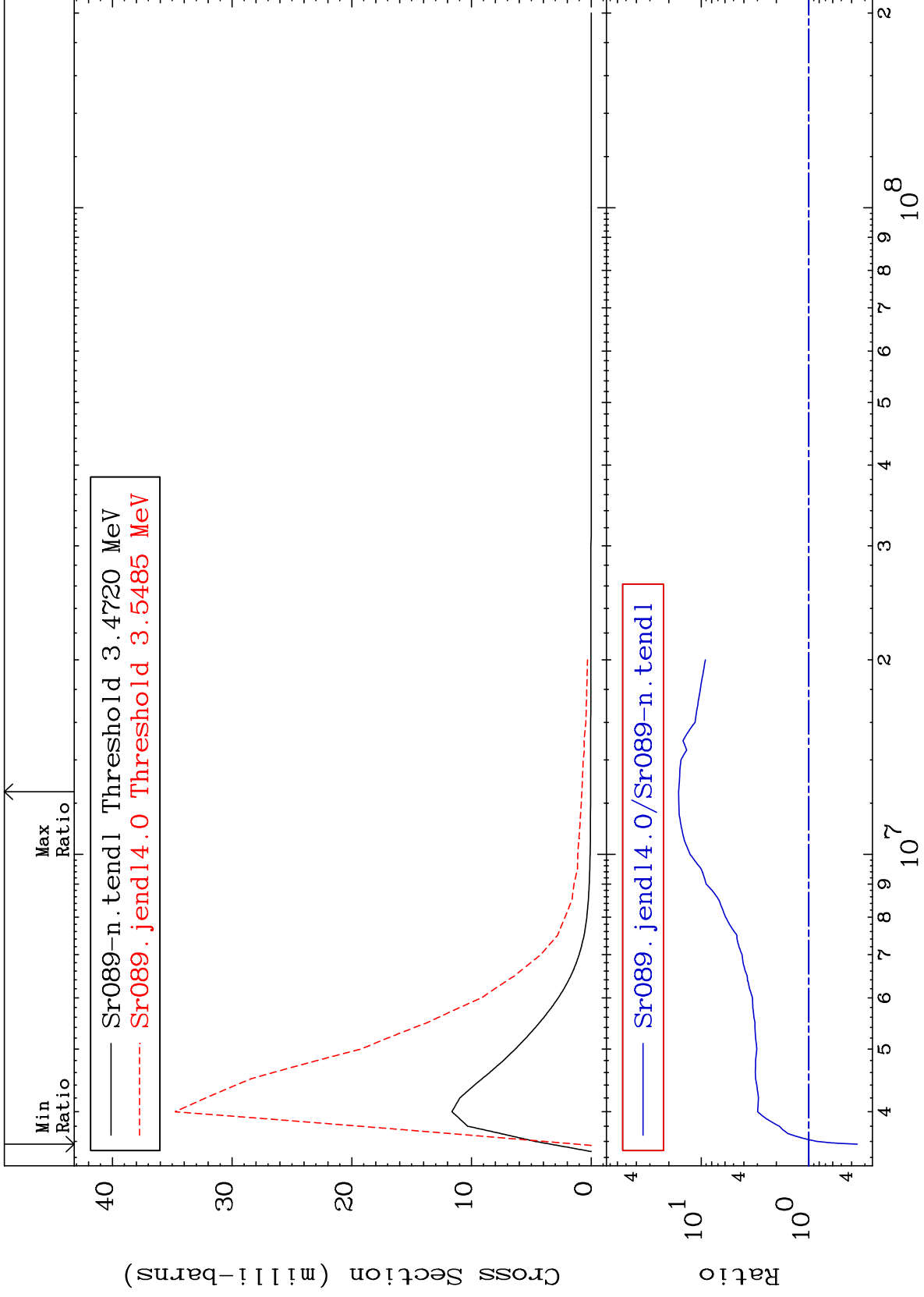




MAT 3840

3.433 MeV (n,n') Level
Cross Section

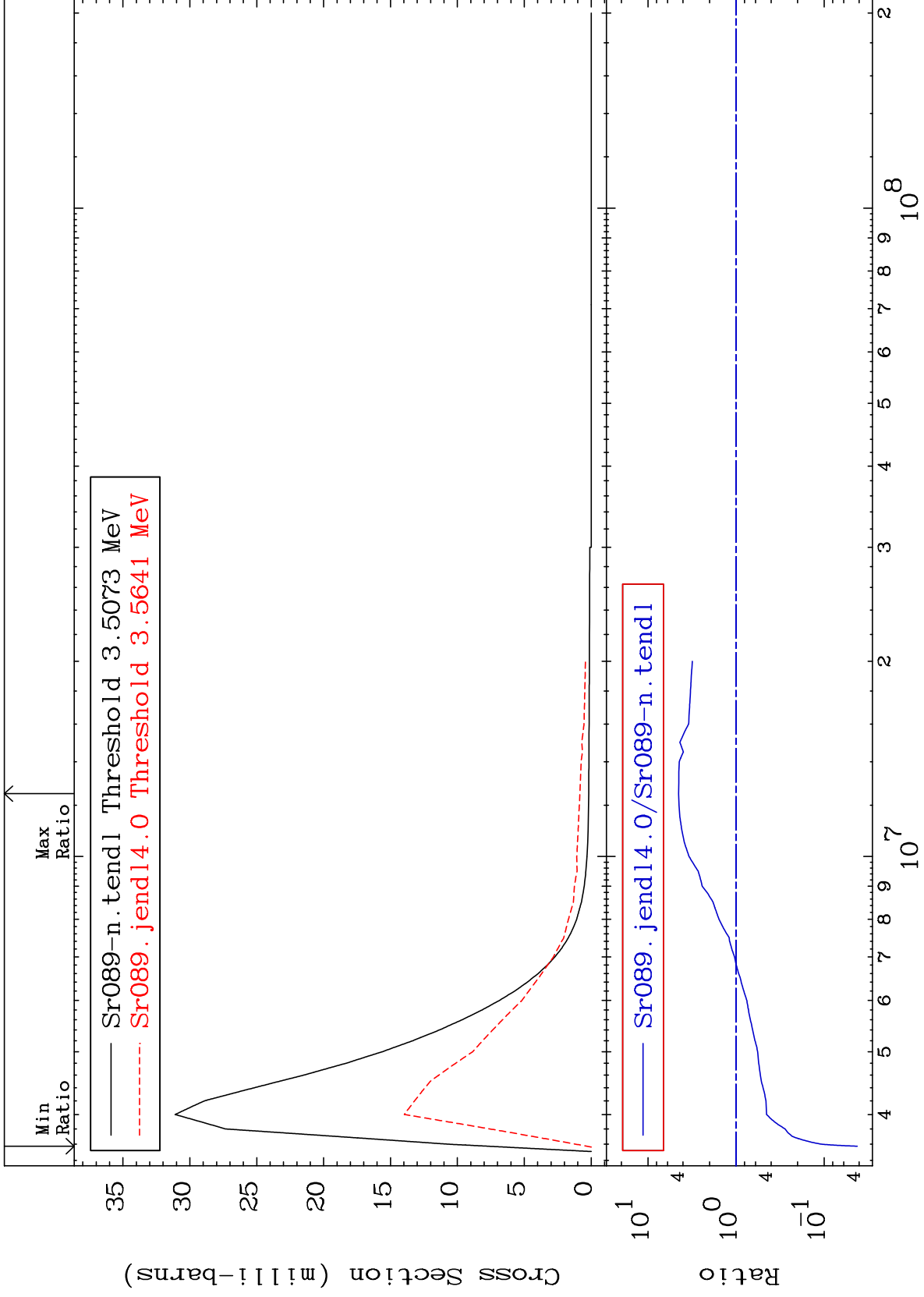
38-Sr-89
-64.56 To 1520. %



MAT 3840

3.468 MeV (n,n') Level
Cross Section

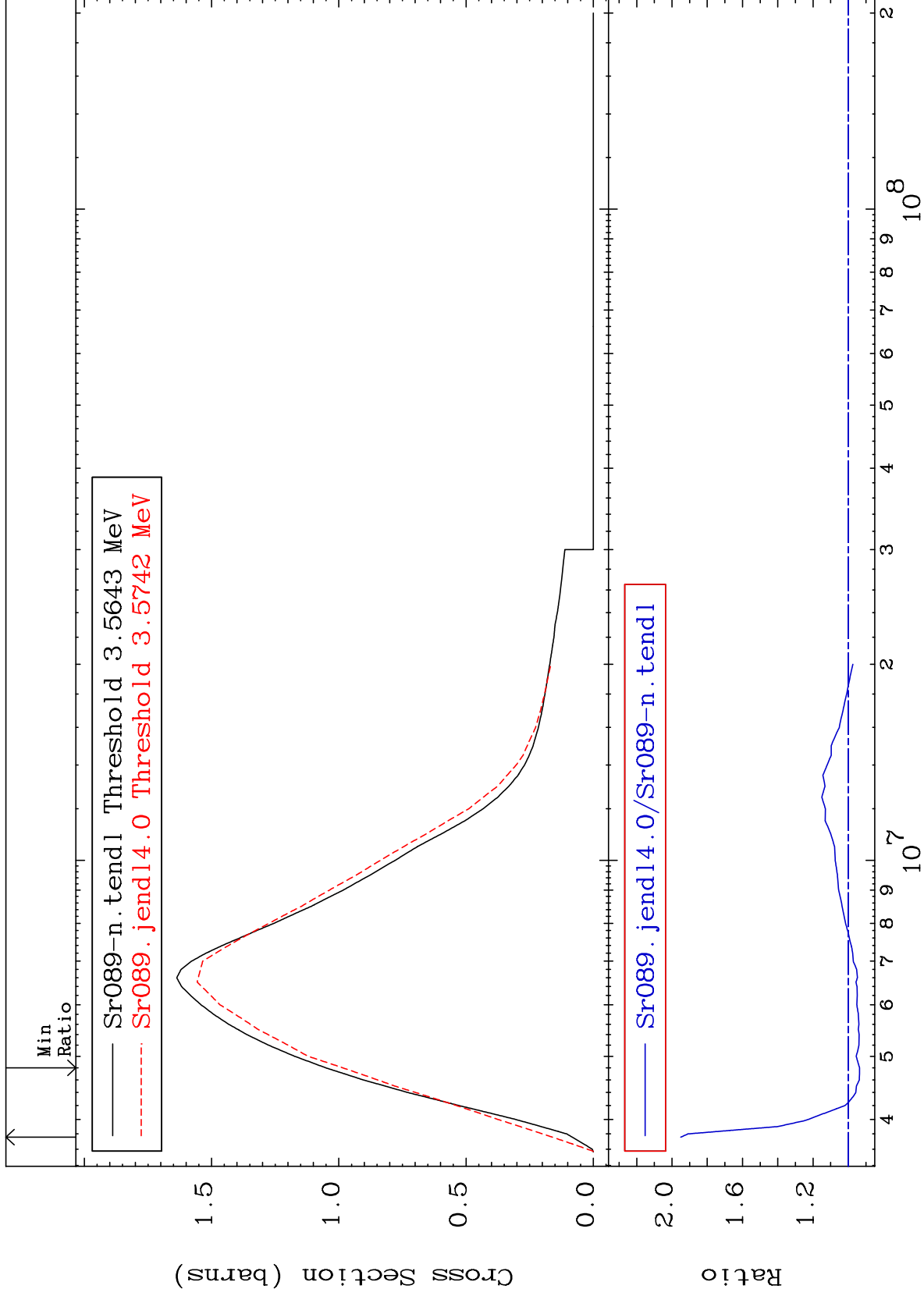
38-Sr-89
-95.80 To 348.7 %



MAT 3840

(n, n') Continuum
Cross Section

38-Sr-89
-6.364 To 95.02 %



37

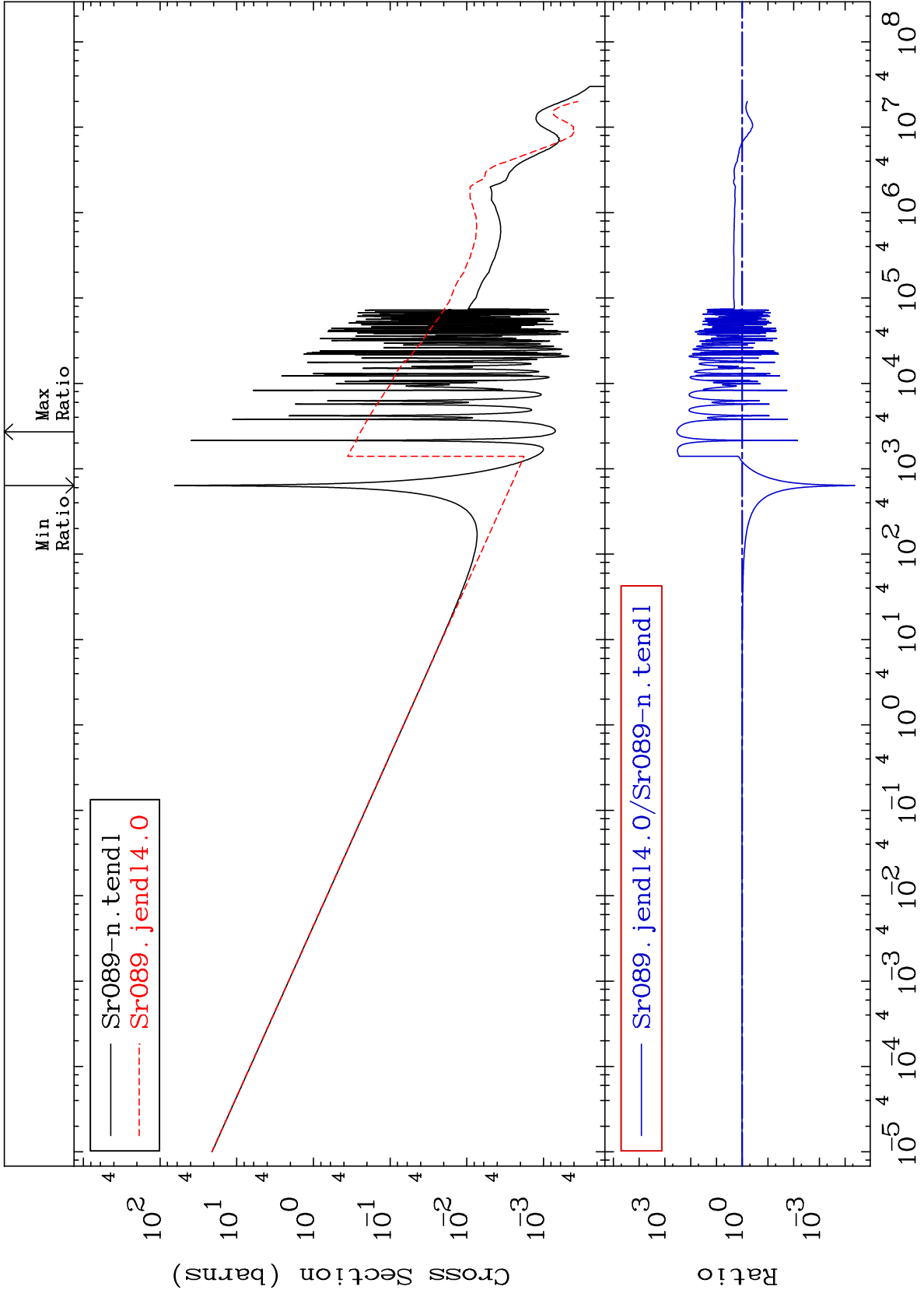
Incident Energy (eV)

38-Sr-89

MAT 3840

(n, γ)
Cross Section

38-Sr-89
-100.0 To 9999. %



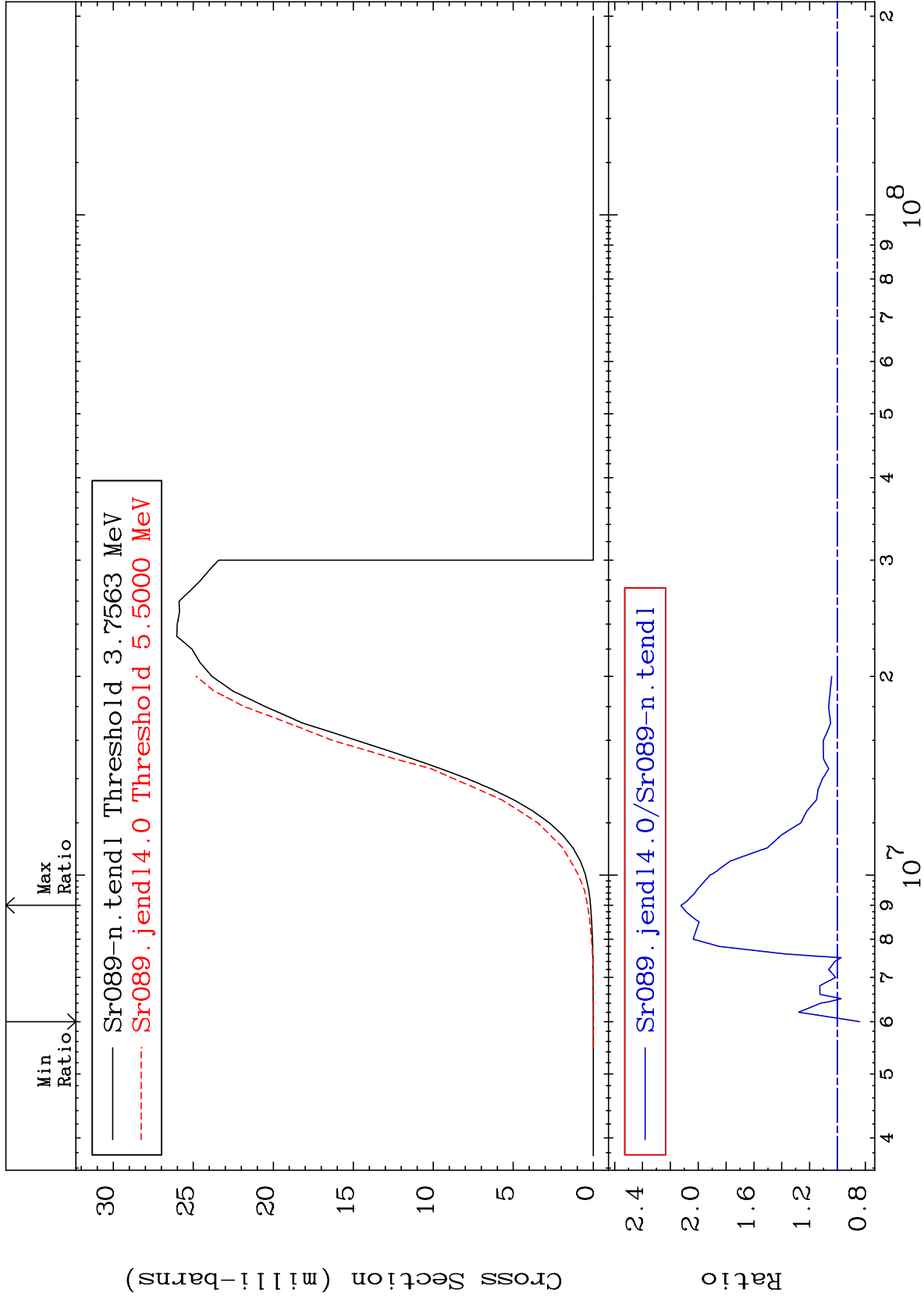
MAT 3840

(n,p)

38-Sr-89

Cross Section

-15.83 To 112.5 %



39

Incident Energy (eV)

38-Sr-89

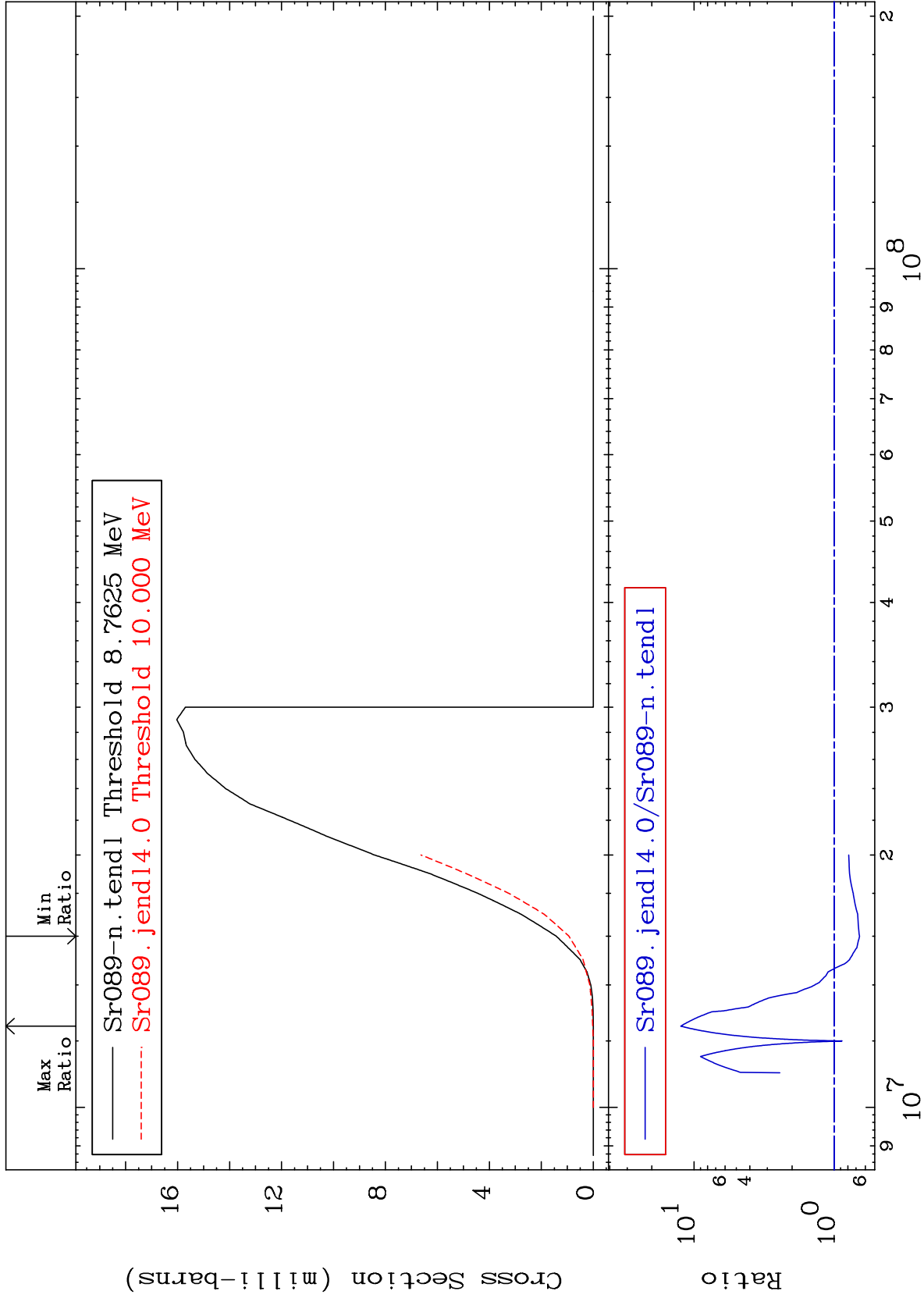
MAT 3840

(n, d)

38-Sr-89

Cross Section

-34.06 To 1144. %



40

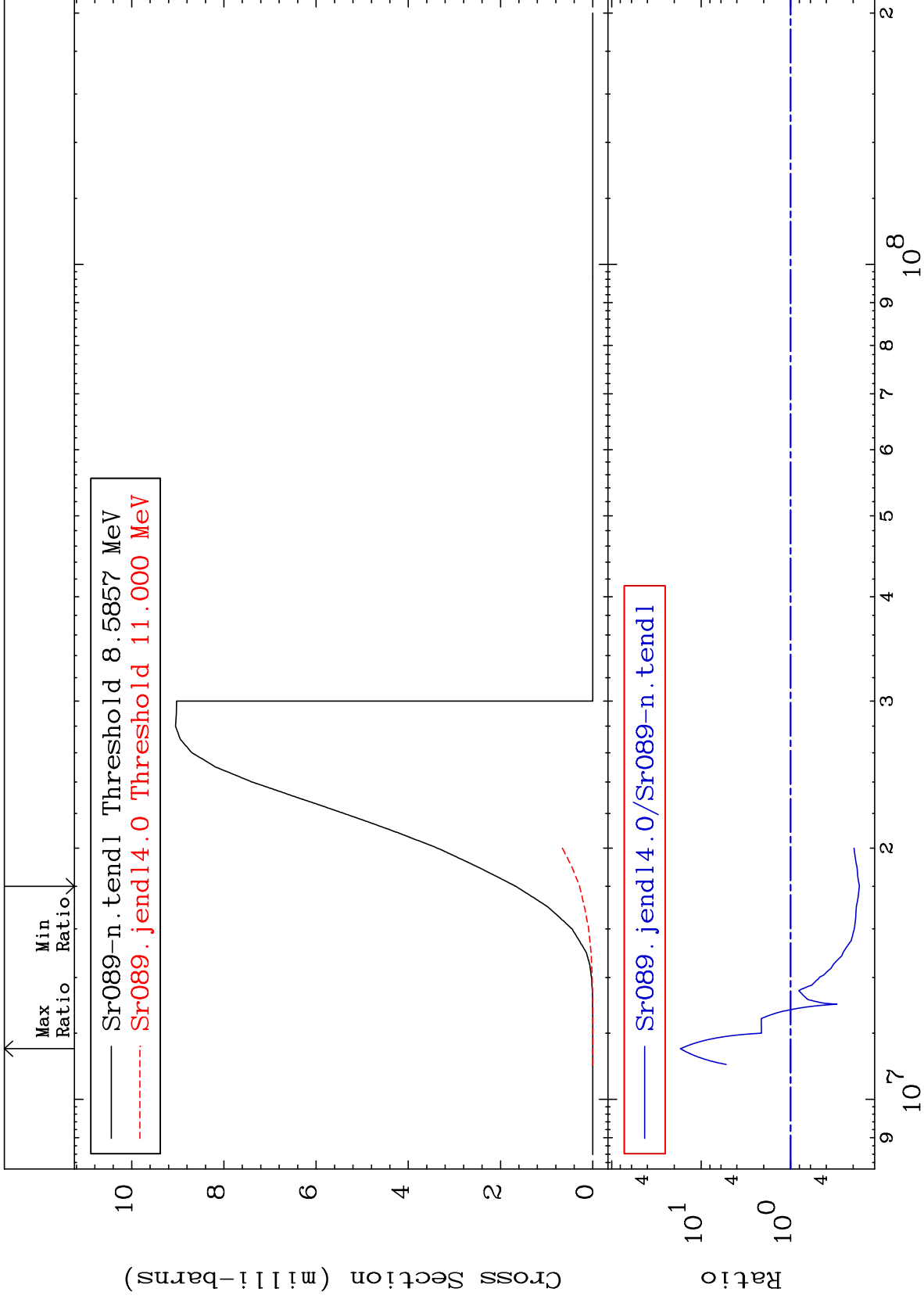
Incident Energy (eV)

38-Sr-89

MAT 3840

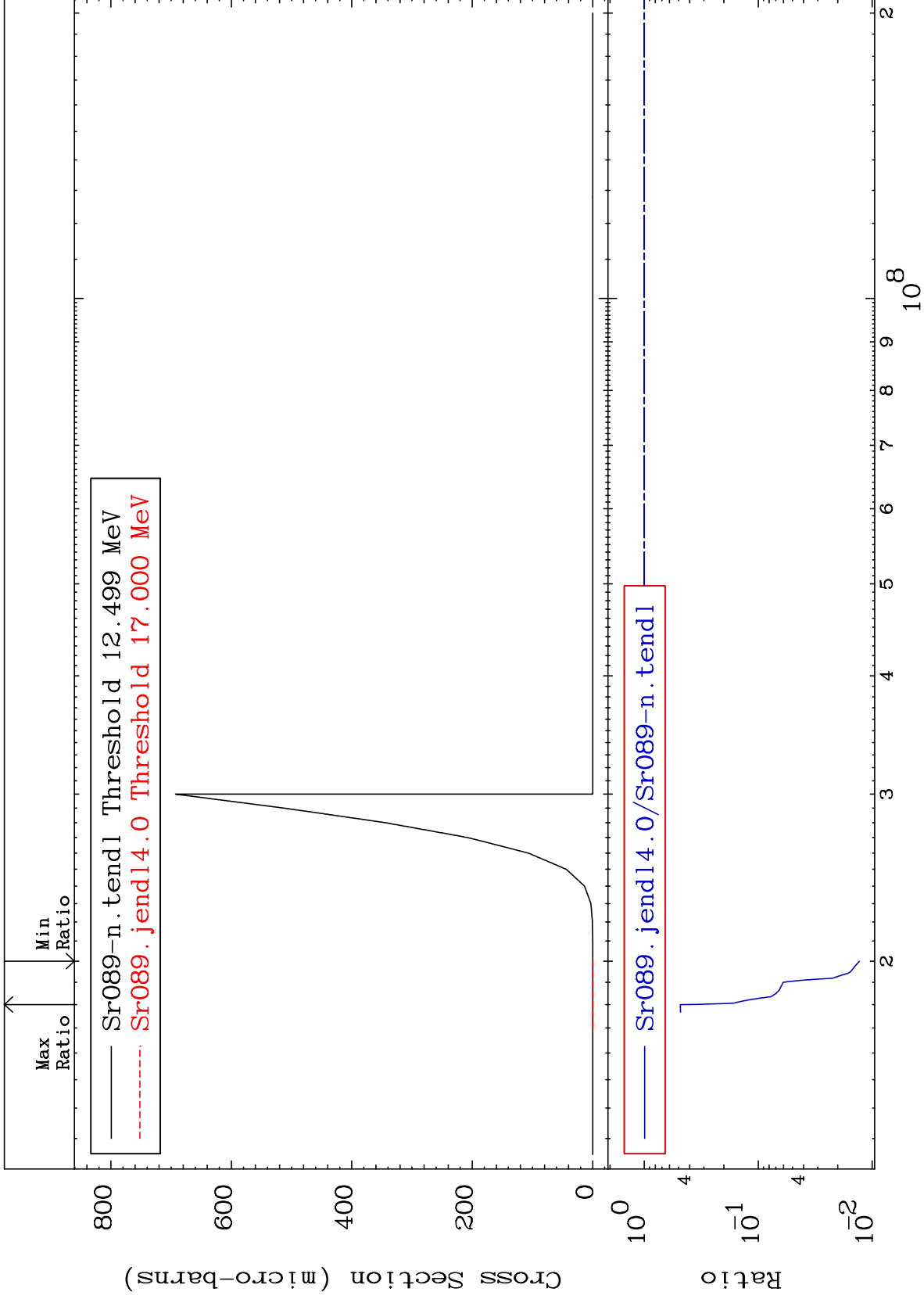
(n, t)
Cross Section

38-Sr-89
-82.99 To 1608. %



41

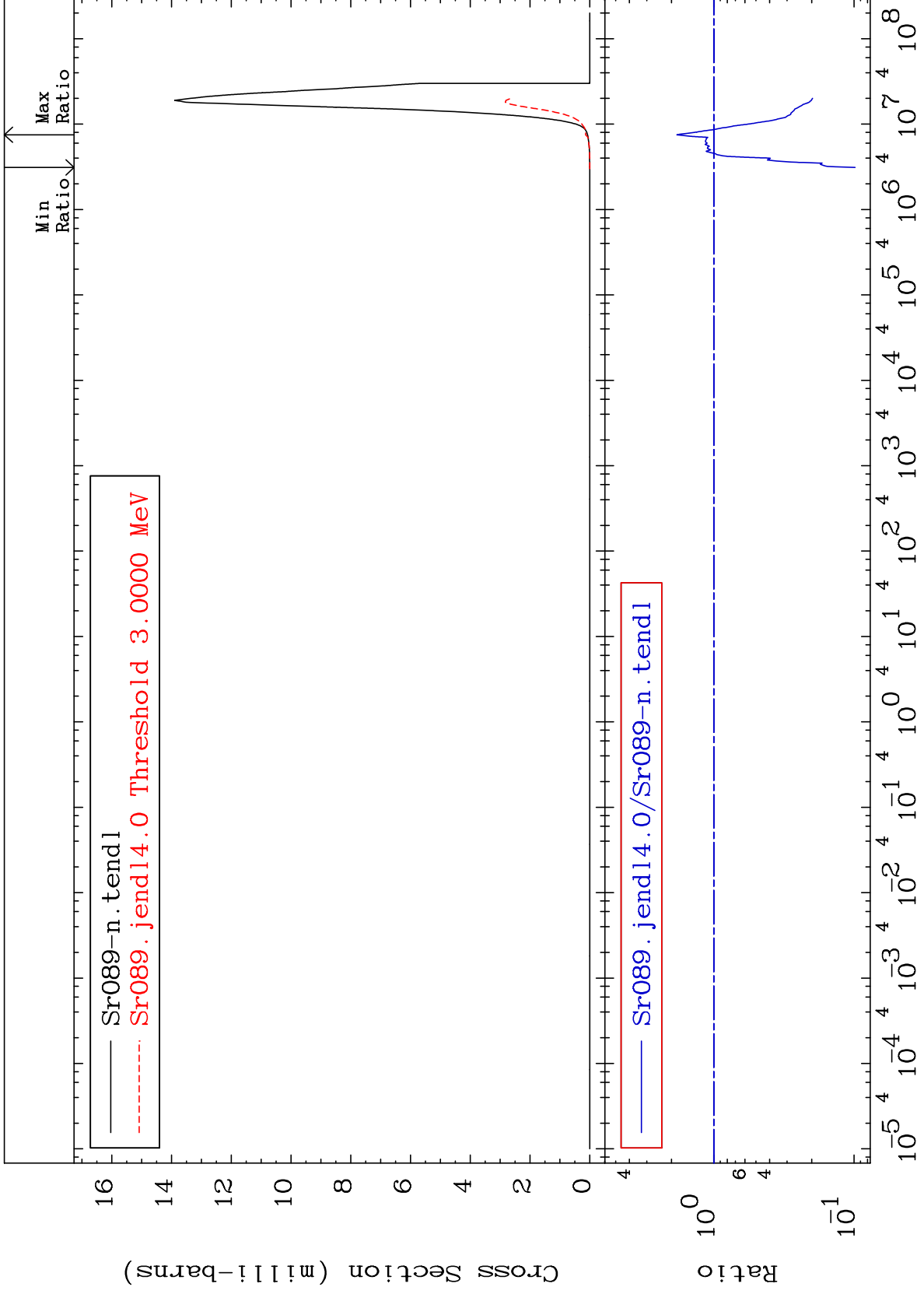
38-Sr-89



MAT 3840

(n, α)
Cross Section

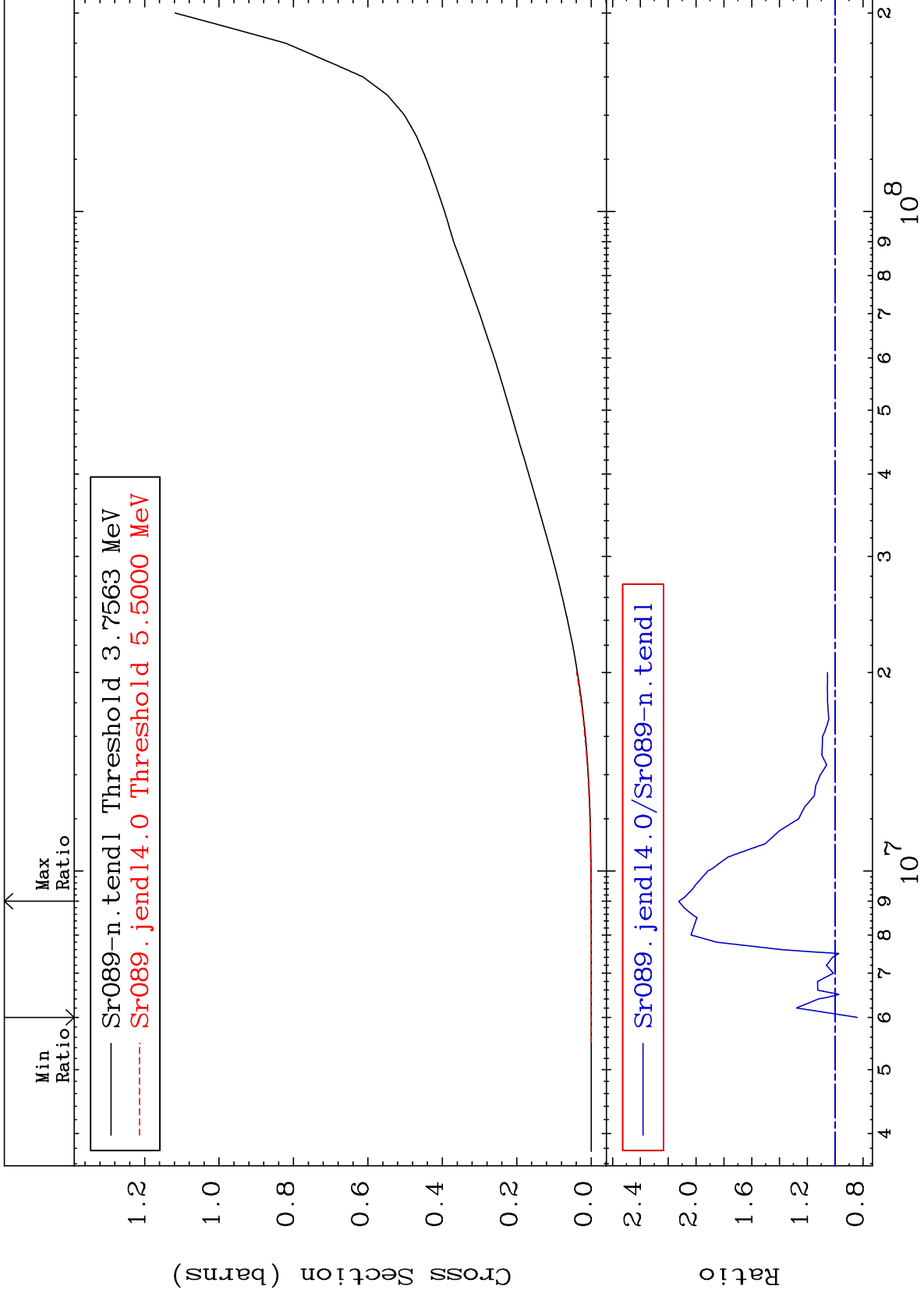
38-Sr-89
-90.18 To 83.02 %

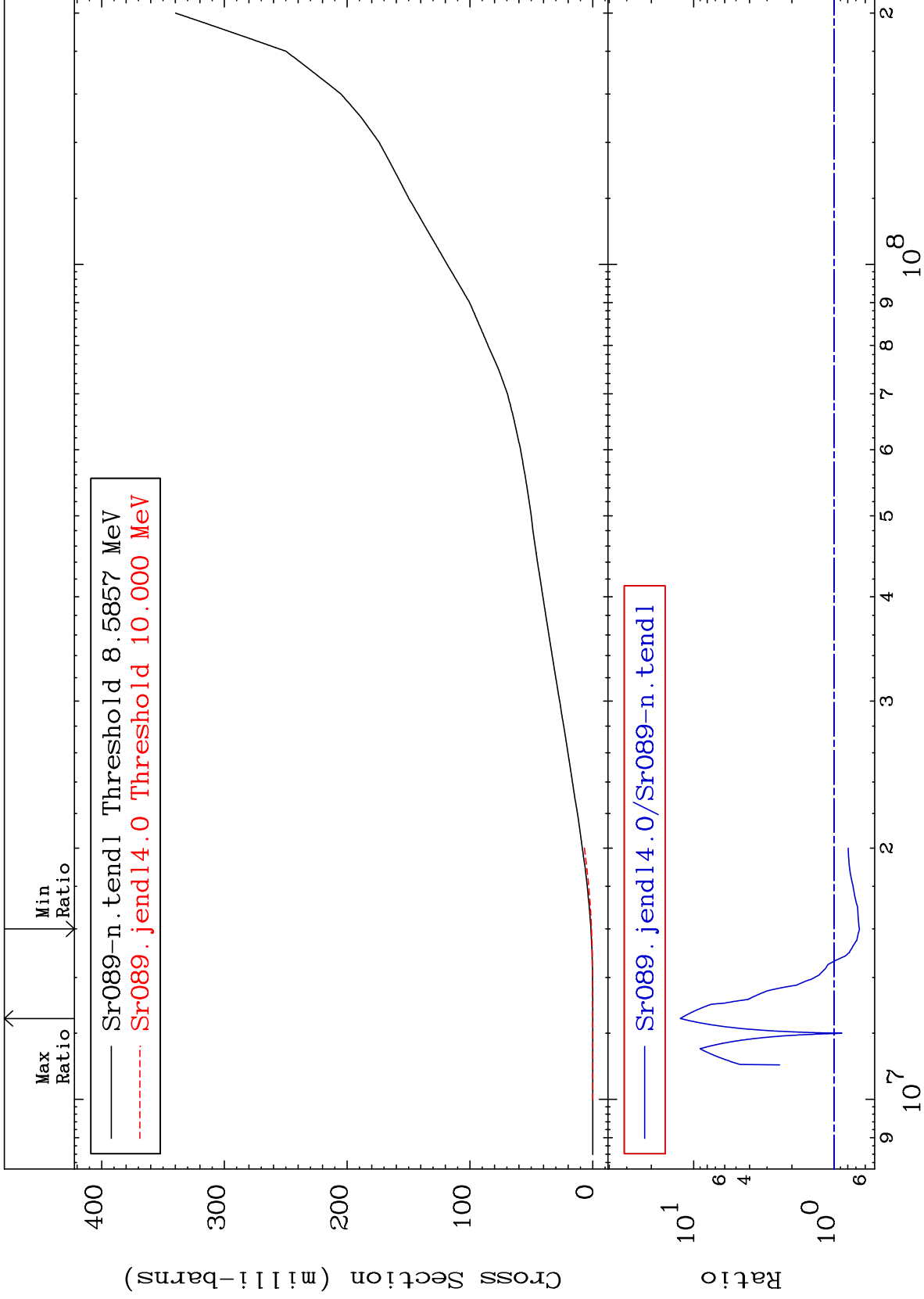


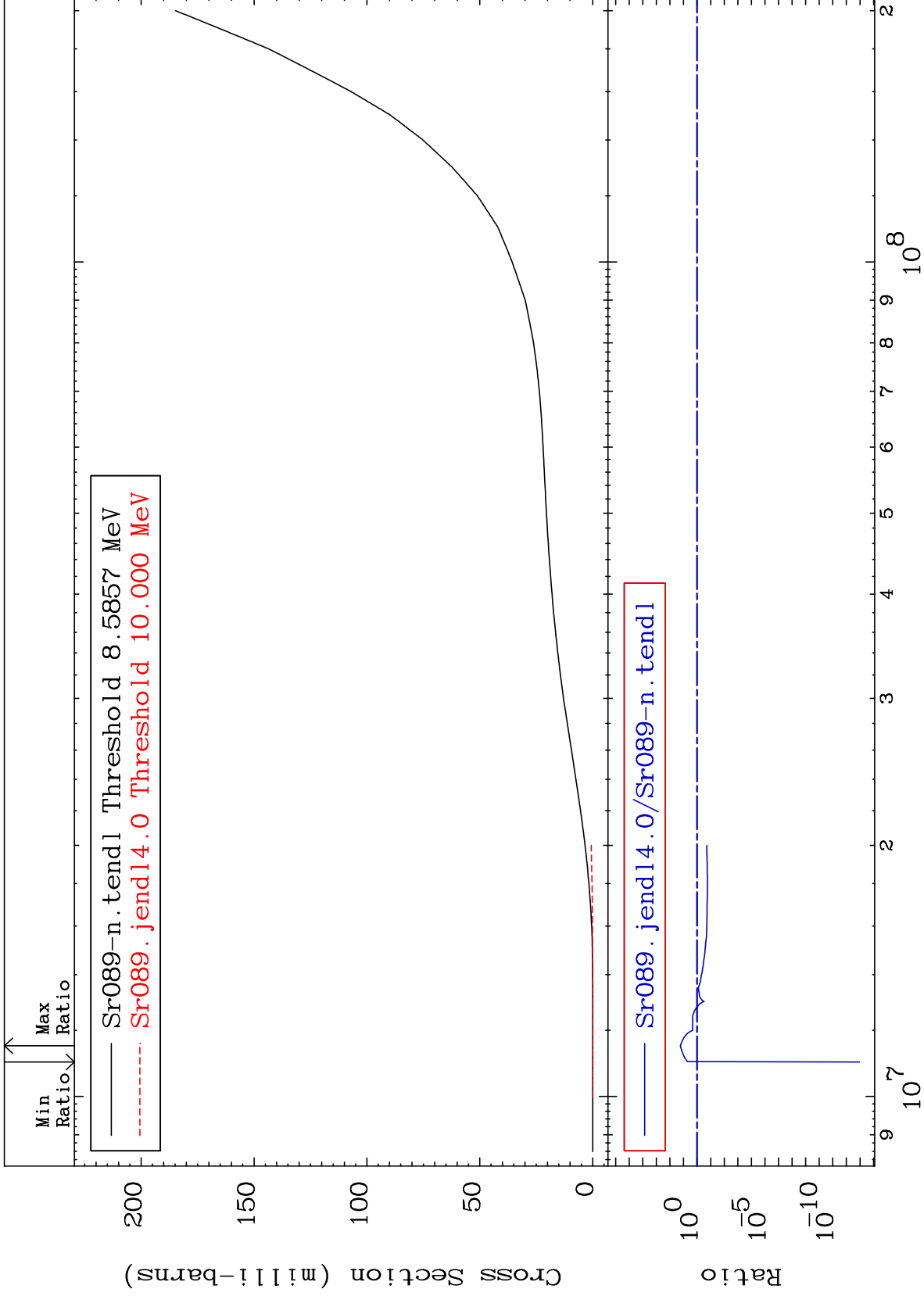
43

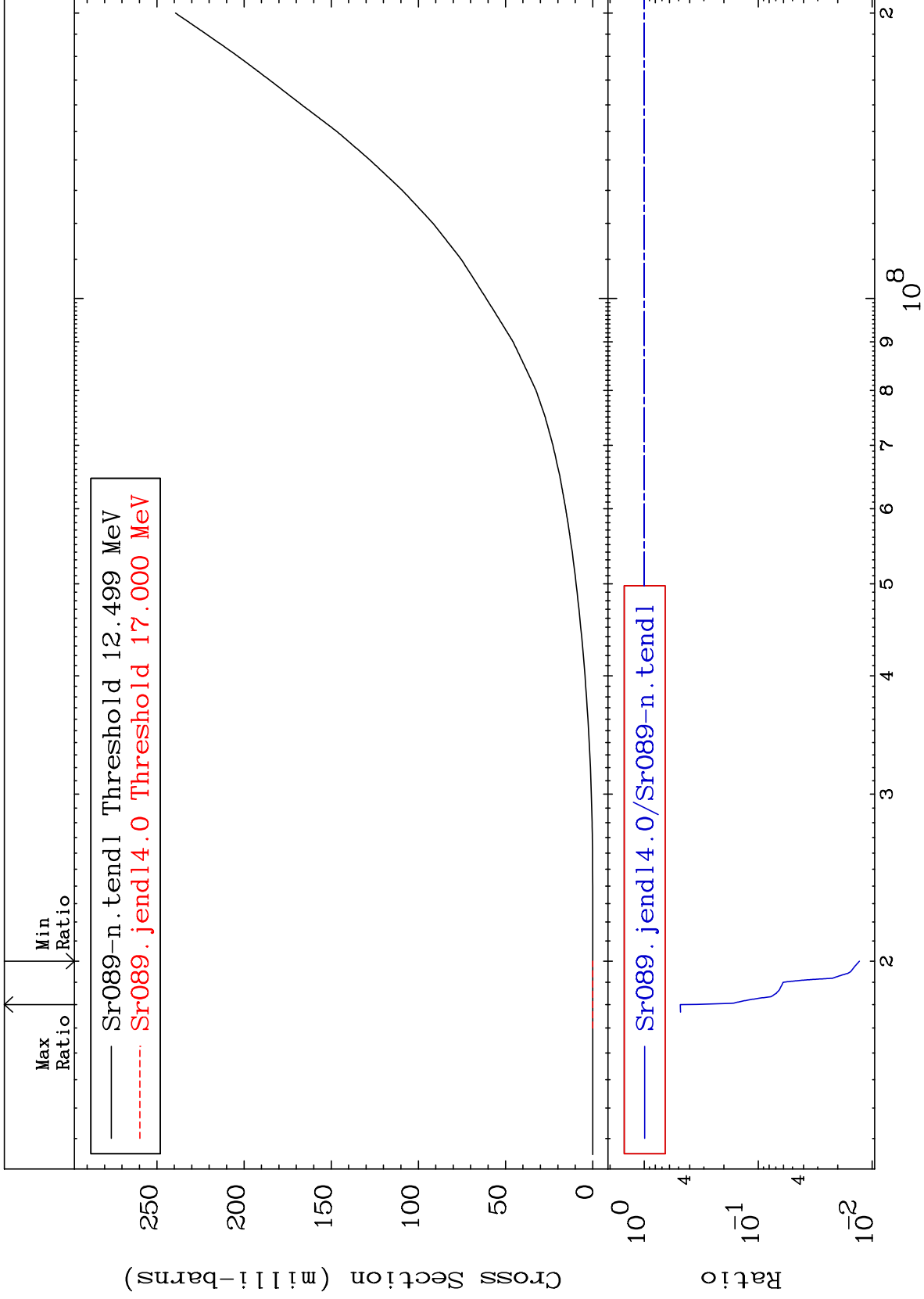
Incident Energy (eV)

38-Sr-89





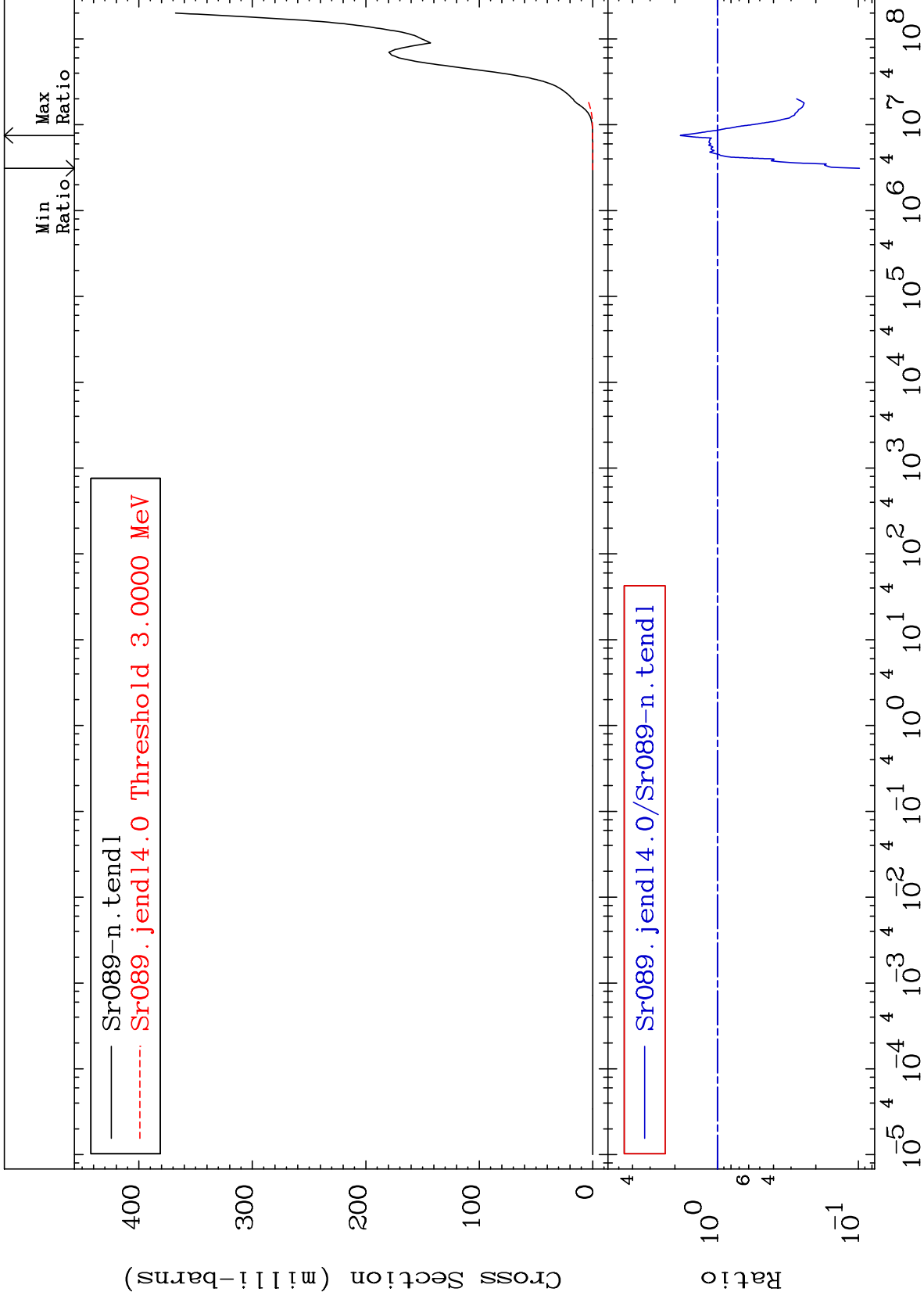




MAT 3840

He-4 Production
Cross Section

38-Sr-89
-90.18 To 83.02 %



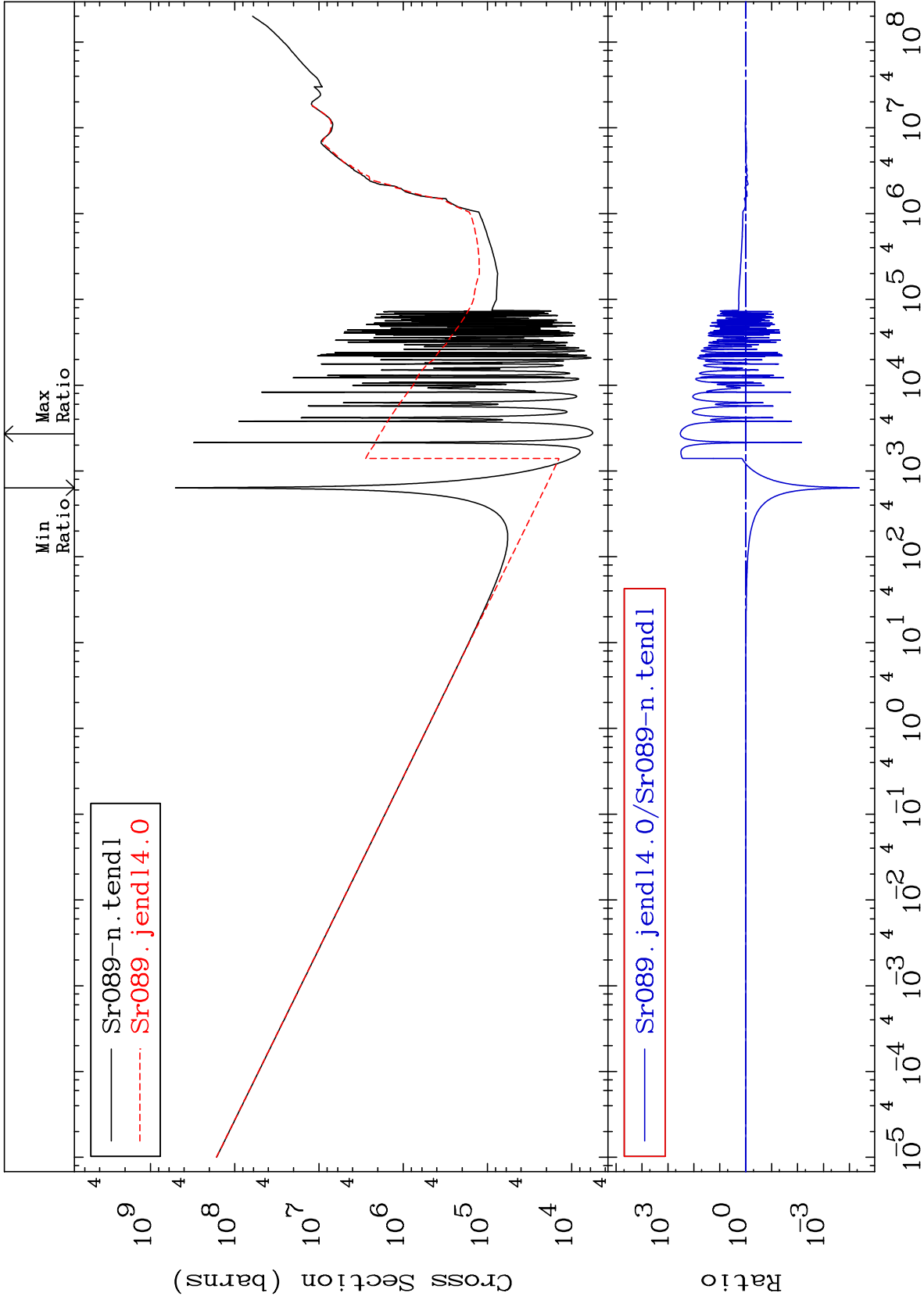
48

Incident Energy (eV)

38-Sr-89

-100.0 To 9999. %

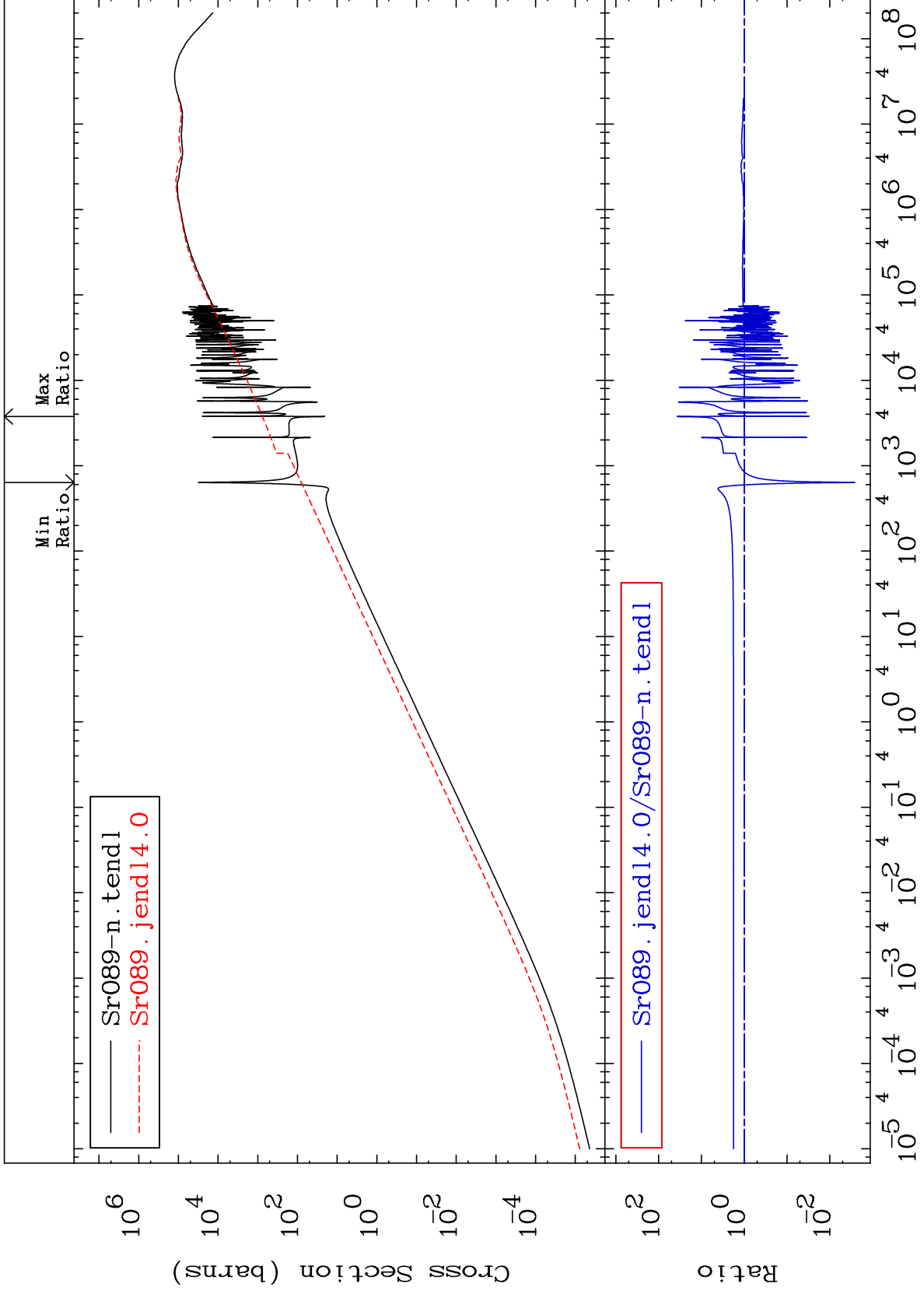
Cross Section

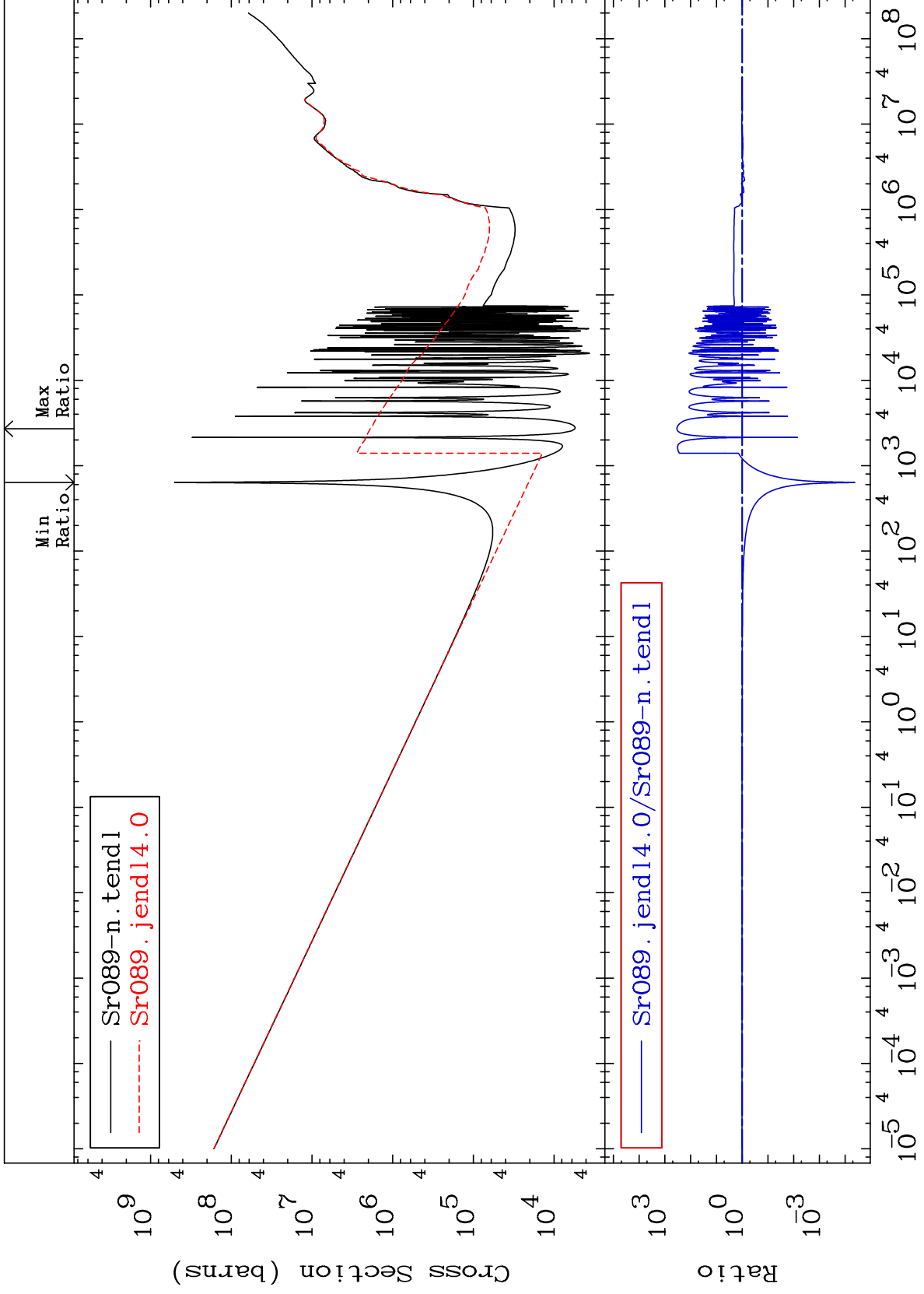


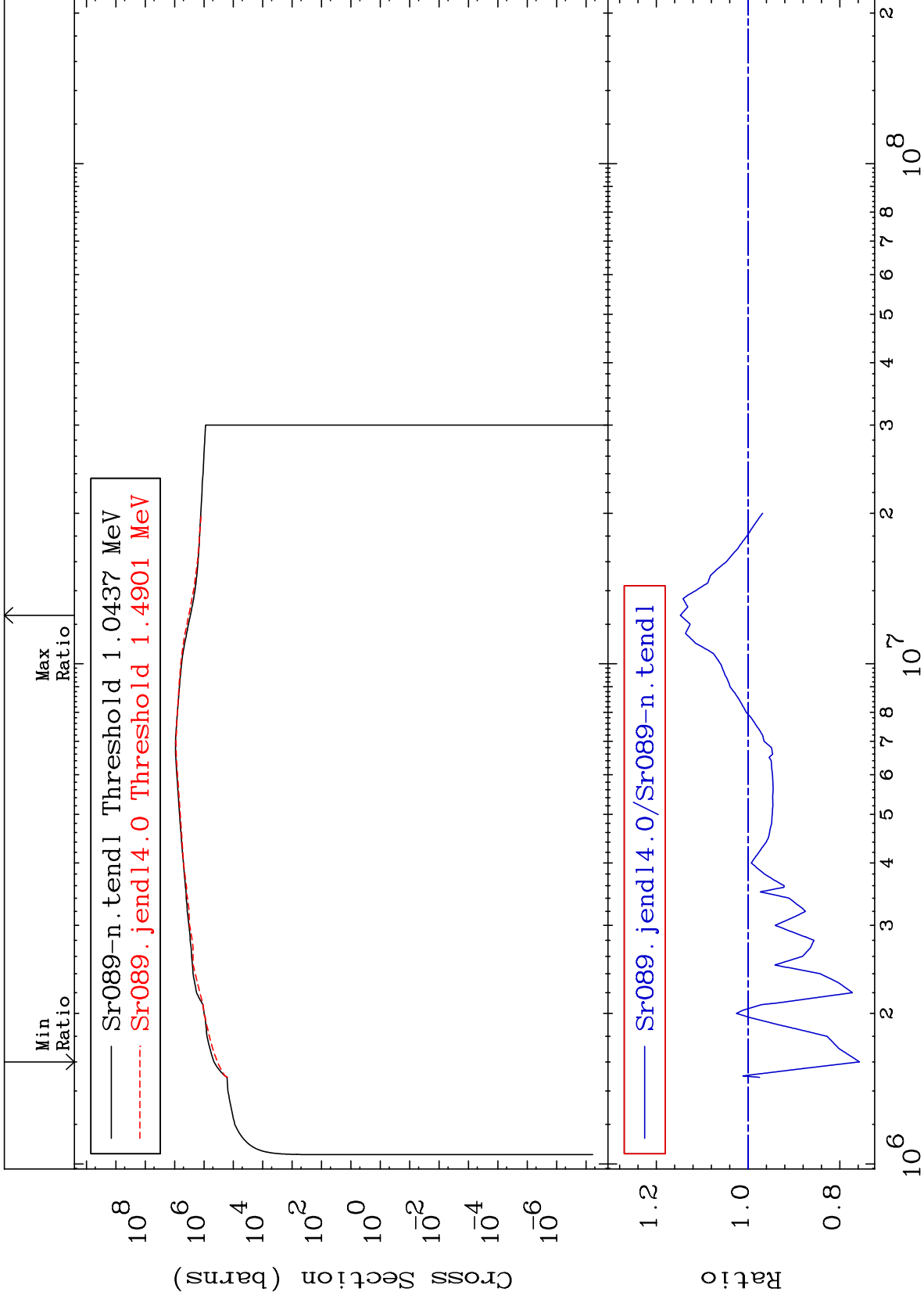
MAT 3840

Kerma elastic
Cross Section

38-Sr-89
-99.74 To 3642. %



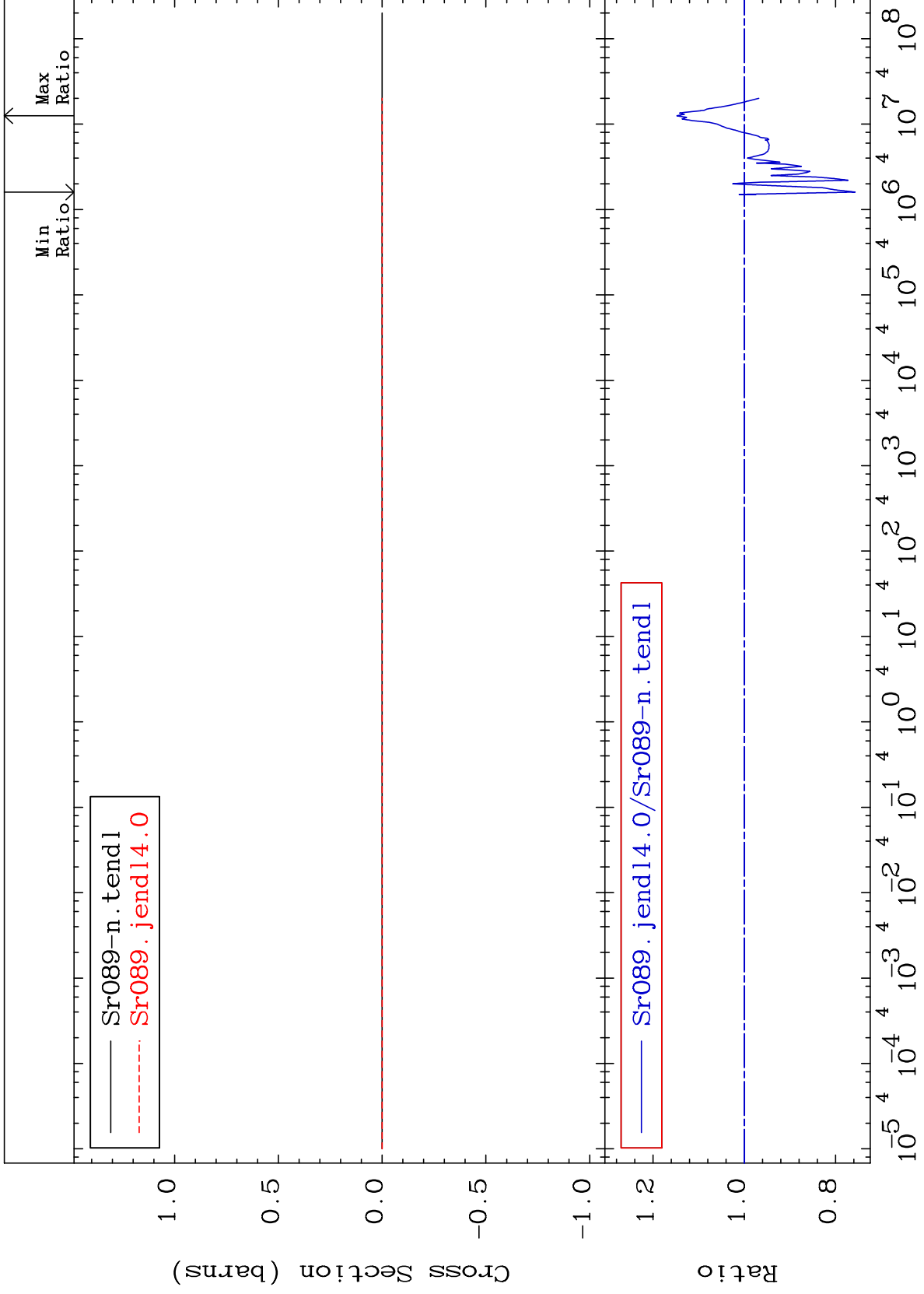


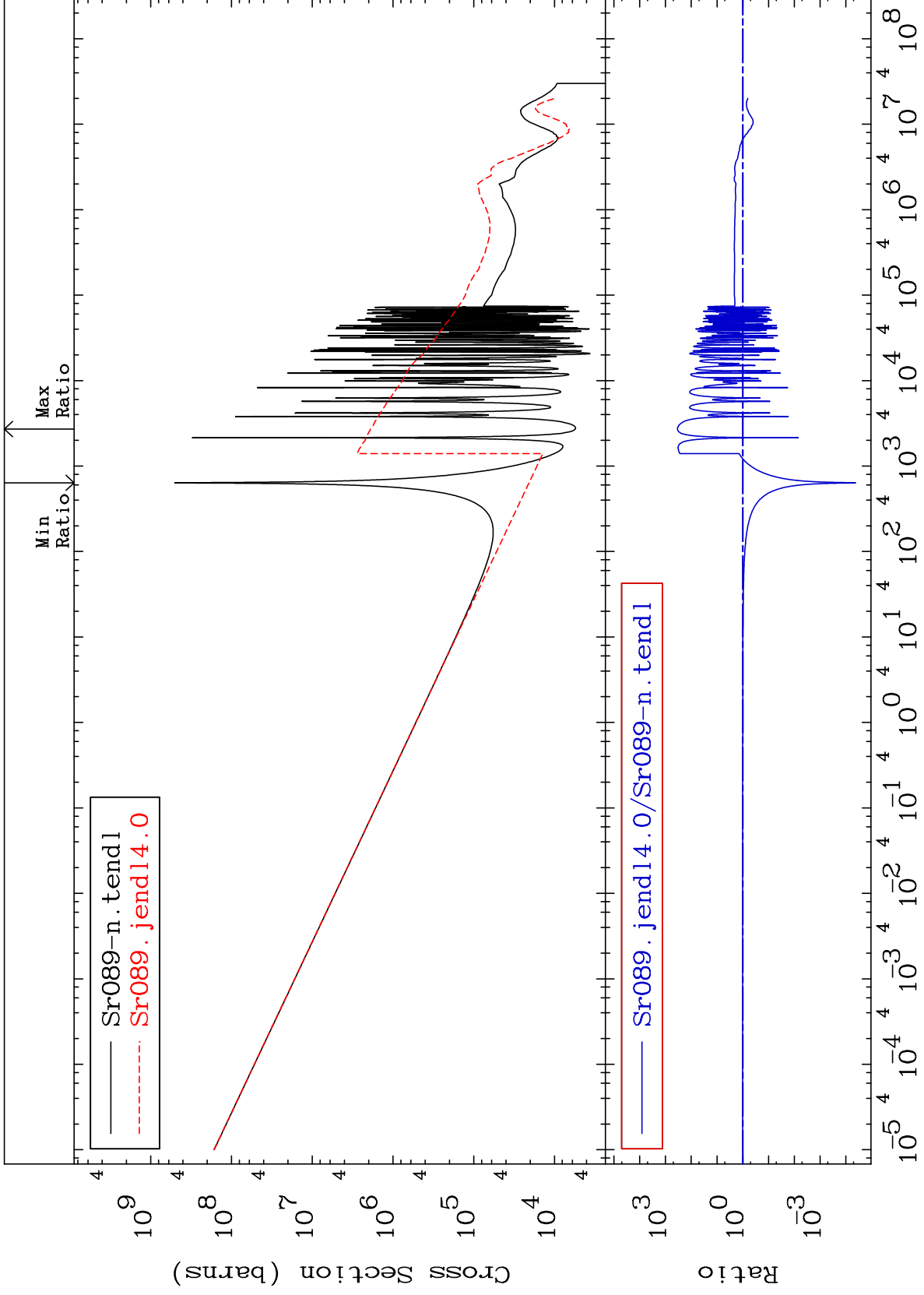


MAT 3840

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

38-Sr-89
-24.26 To 14.78 %



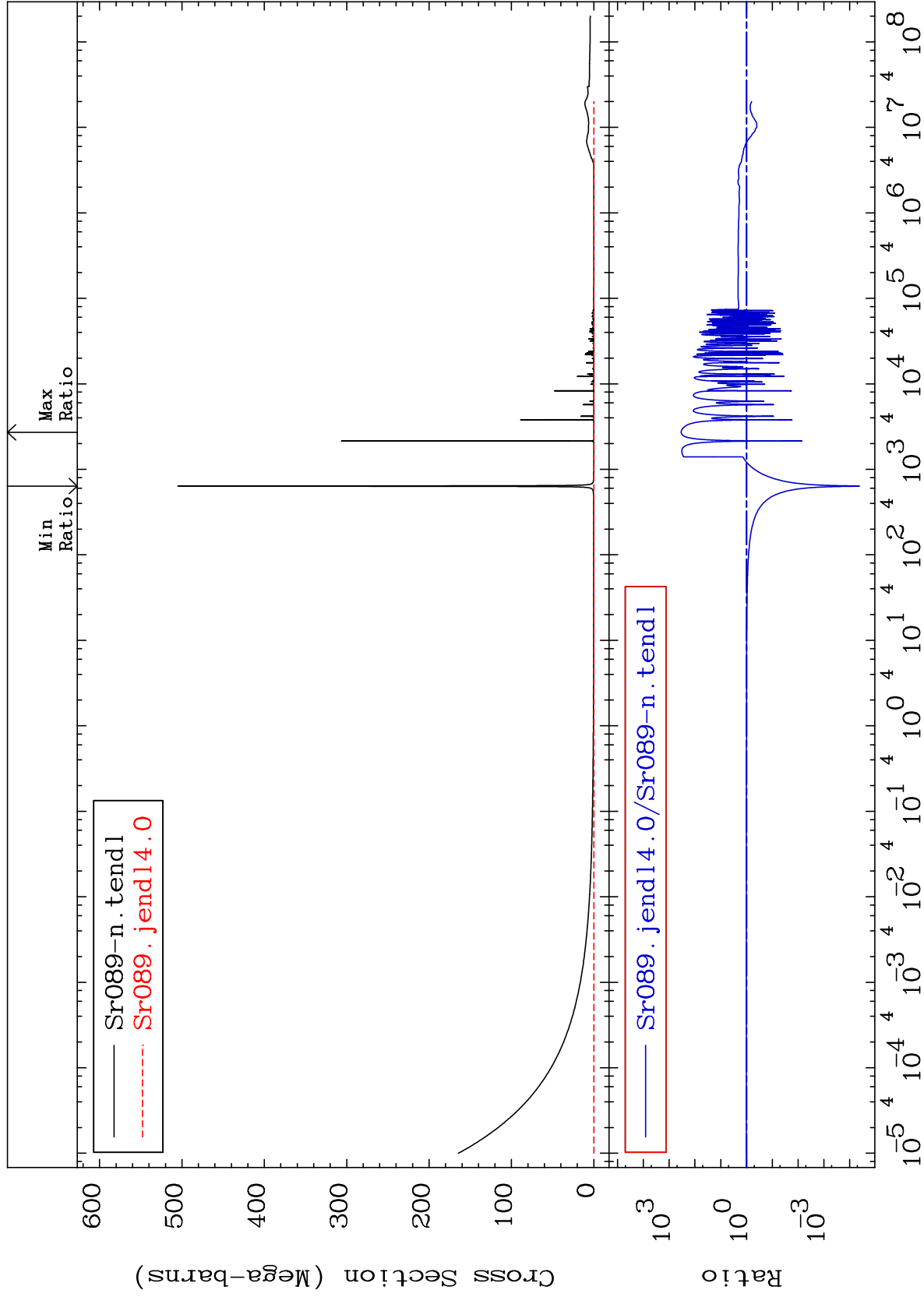


MAT 3840

Total photon (eV-barns)
Cross Section

38-Sr-89

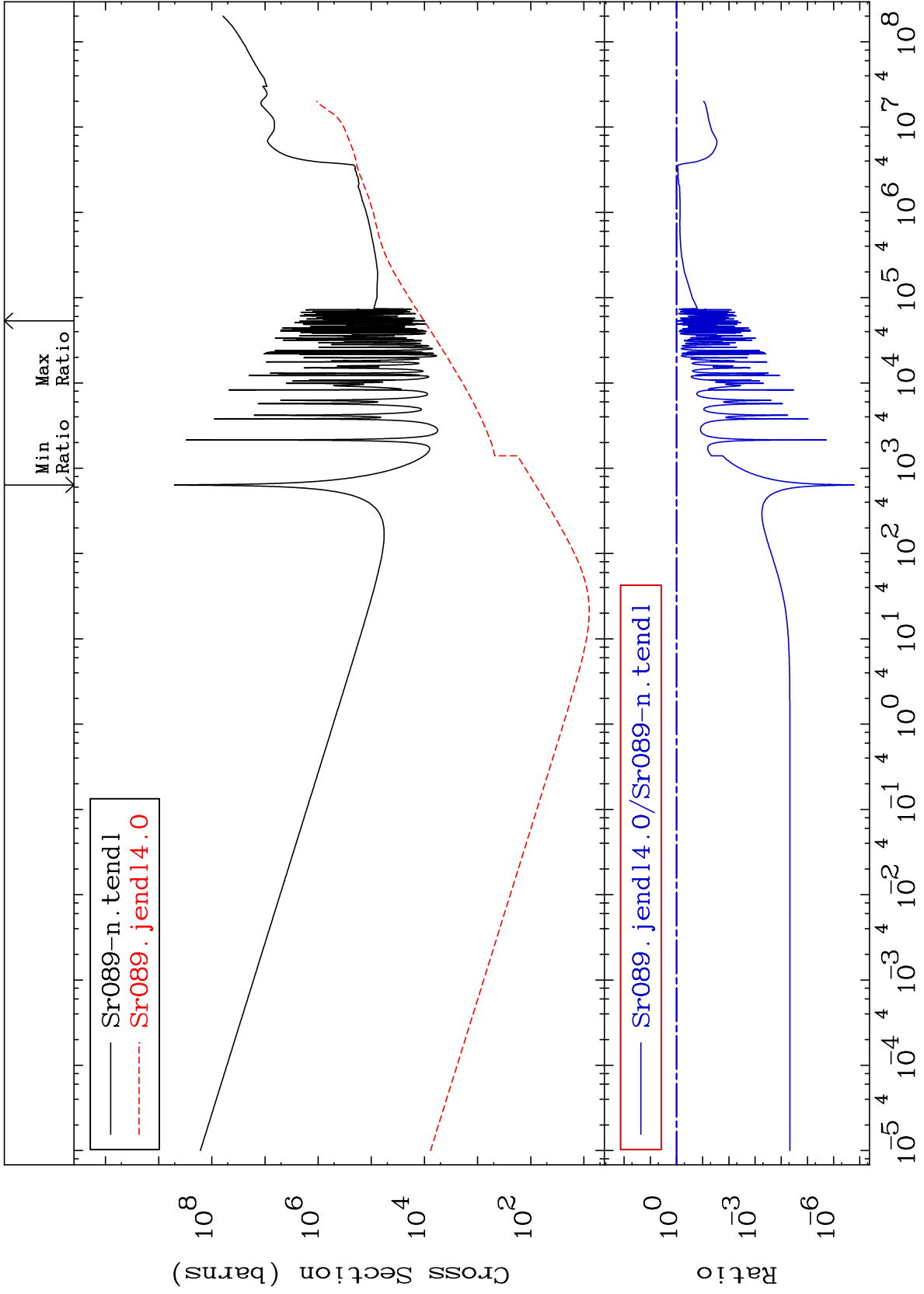
-100.0 To 9999. %



55

Incident Energy (eV)

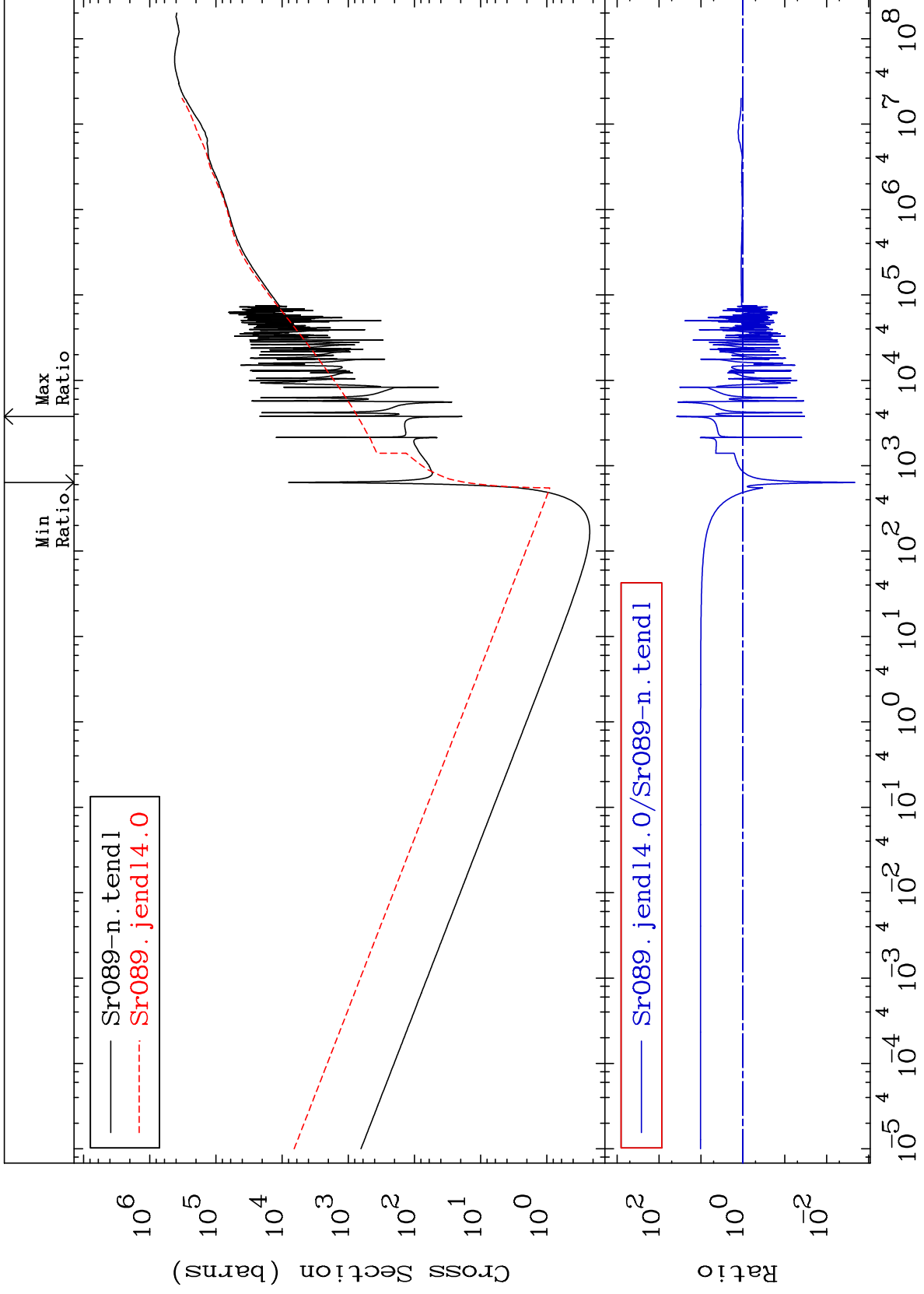
38-Sr-89



MAT 3840

Dpa total (eV-barns)
Cross Section

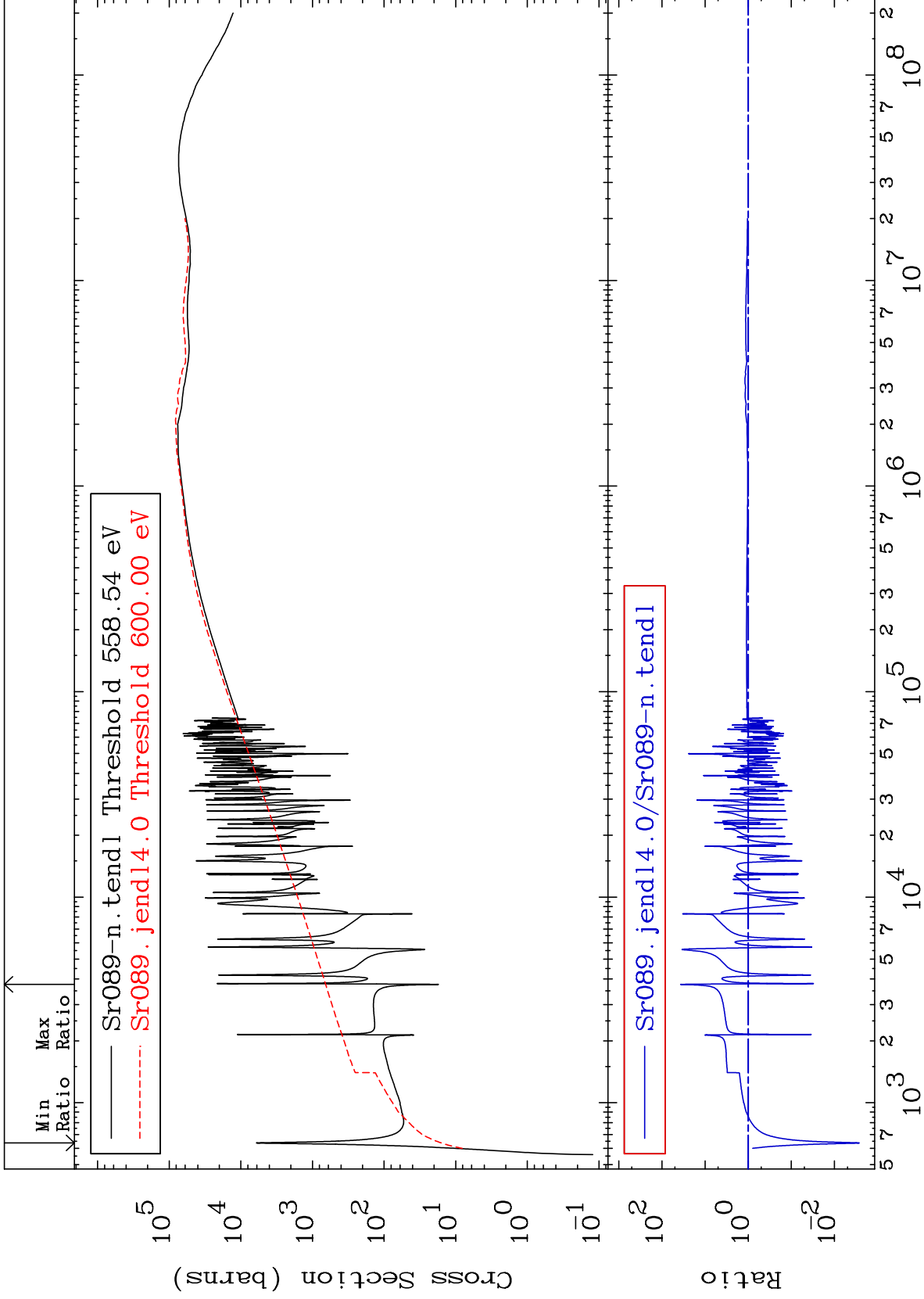
38-Sr-89
-99.79 To 3656. %



57

Incident Energy (eV)

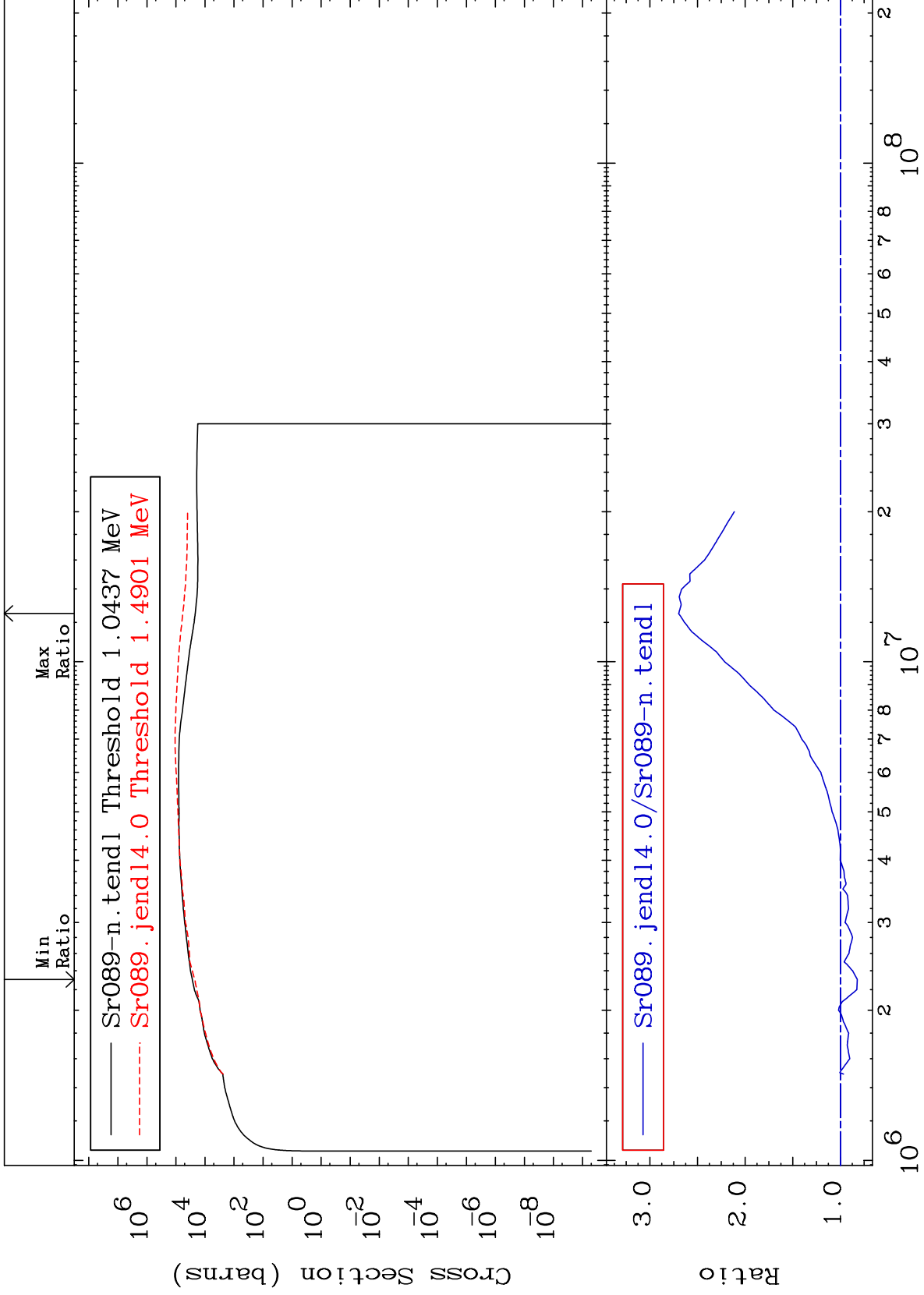
38-Sr-89



MAT 3840

Dpa inelastic (mt51-91)
Cross Section

38-Sr-89
-17.79 To 169.9 %



59

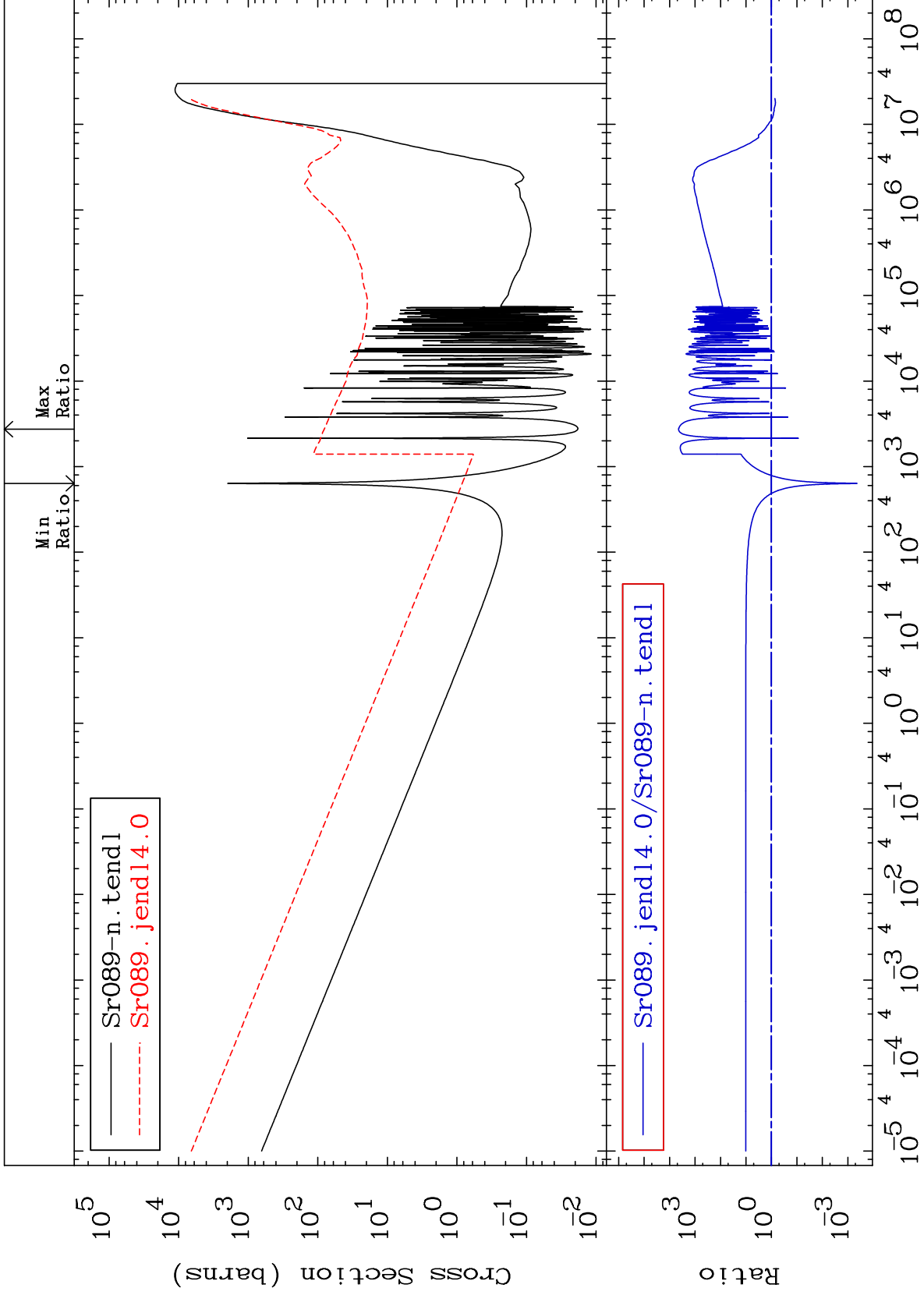
38-Sr-89

38-Sr-89

MAT 3840

Dpa disappearance (mt102 -120)
Cross Section

38-Sr-89
-99.96 To 9999. %



60

Incident Energy (eV)

38-Sr-89