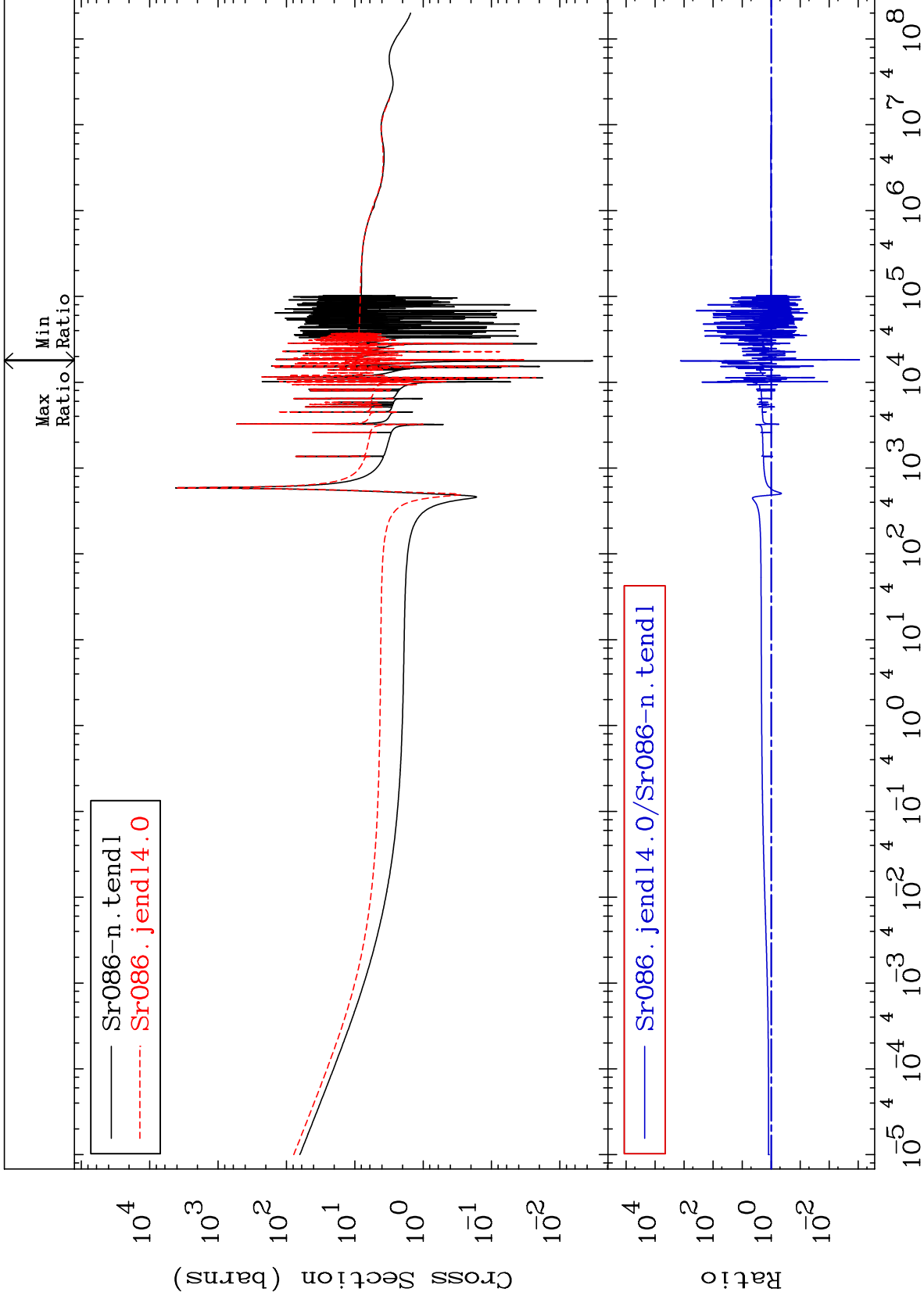


MAT 3831

Total
Cross Section

38-Sr-86
-99.91 To 9999. %



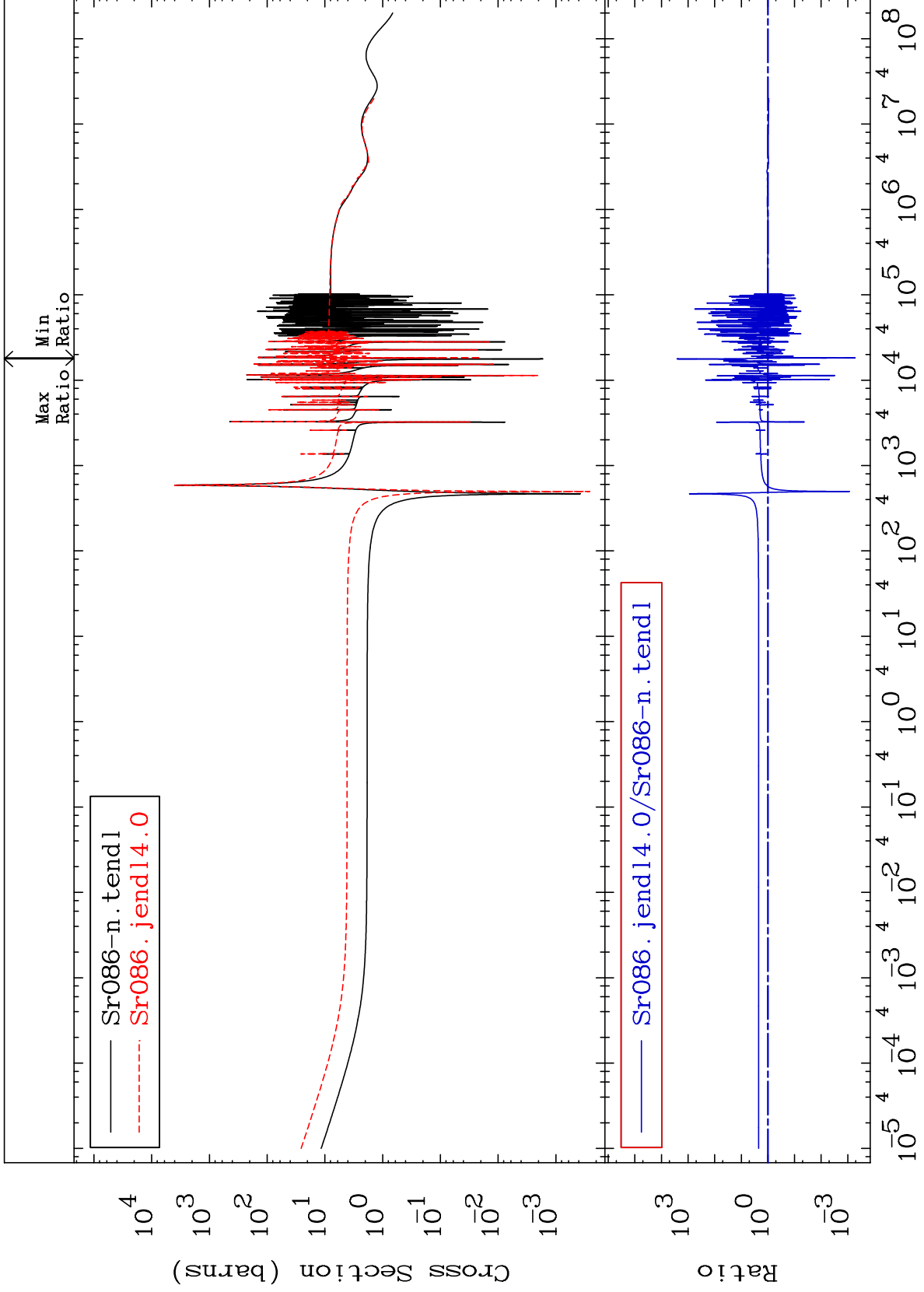
Incident Energy (eV)

38-Sr-86

MAT 3831

Elastic
Cross Section

38-Sr-86
-99.95 To 9999. %

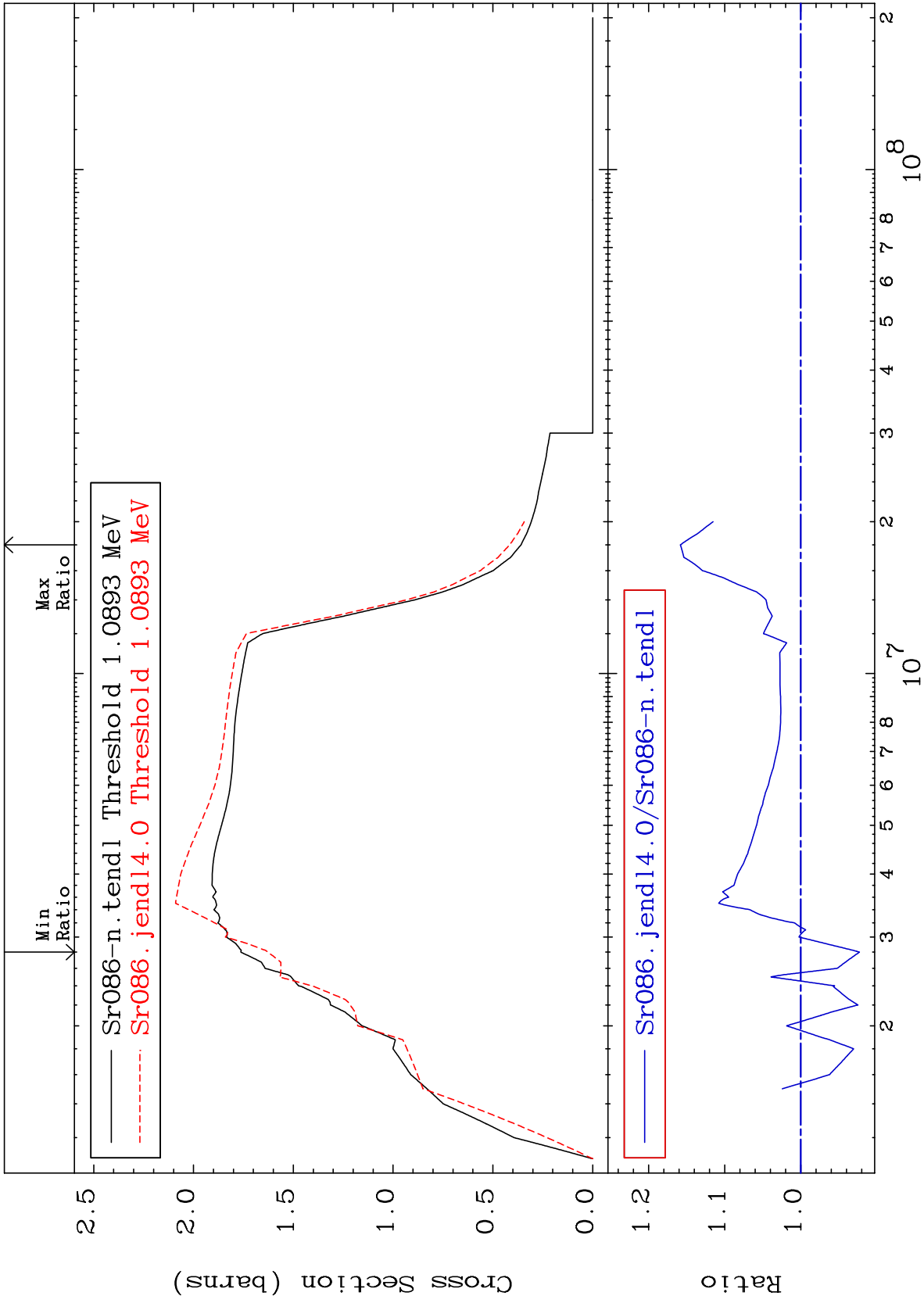


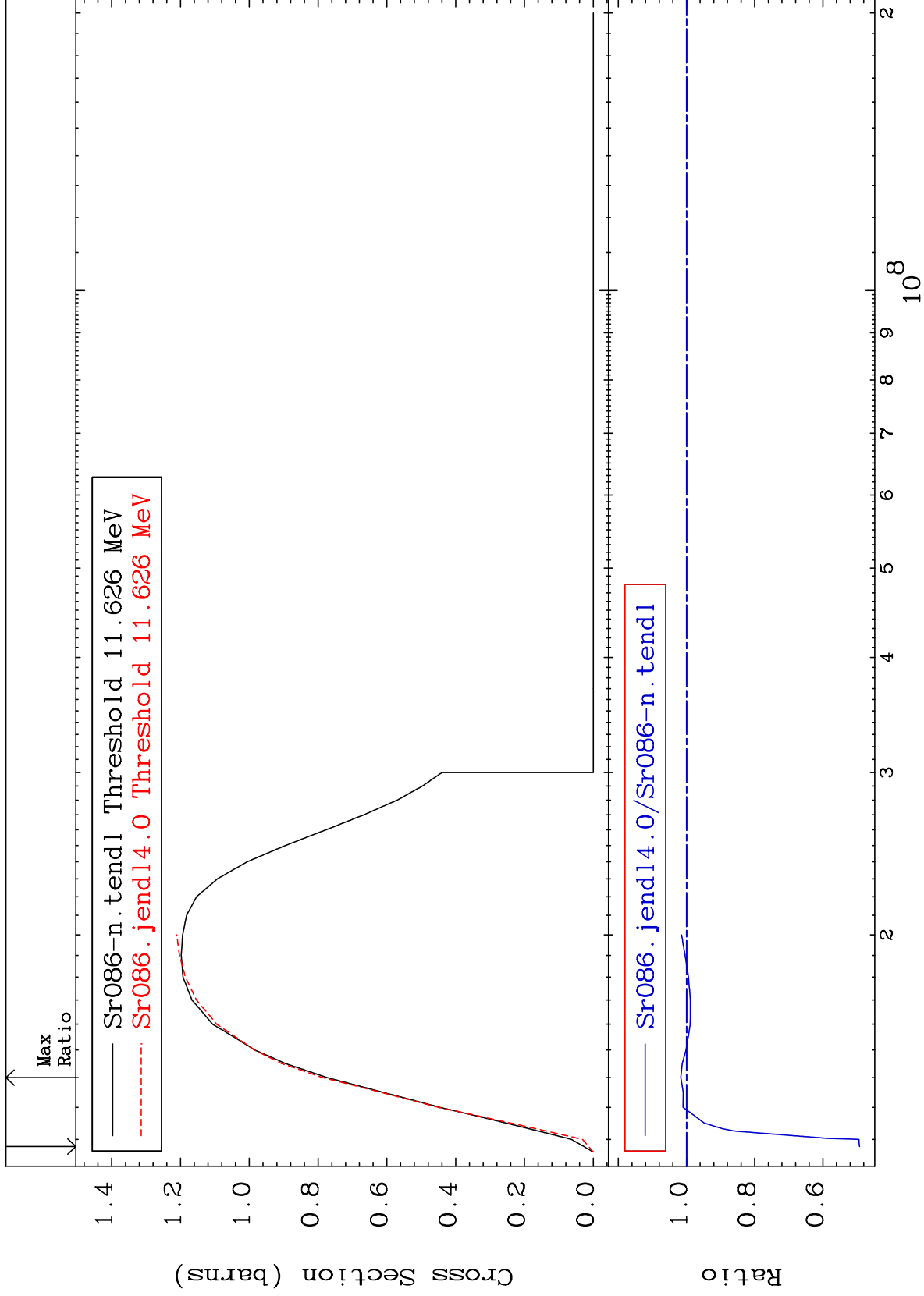
MAT 3831

38-Sr-86

-7.711 To 15.83 %

Inelastic
Cross Section

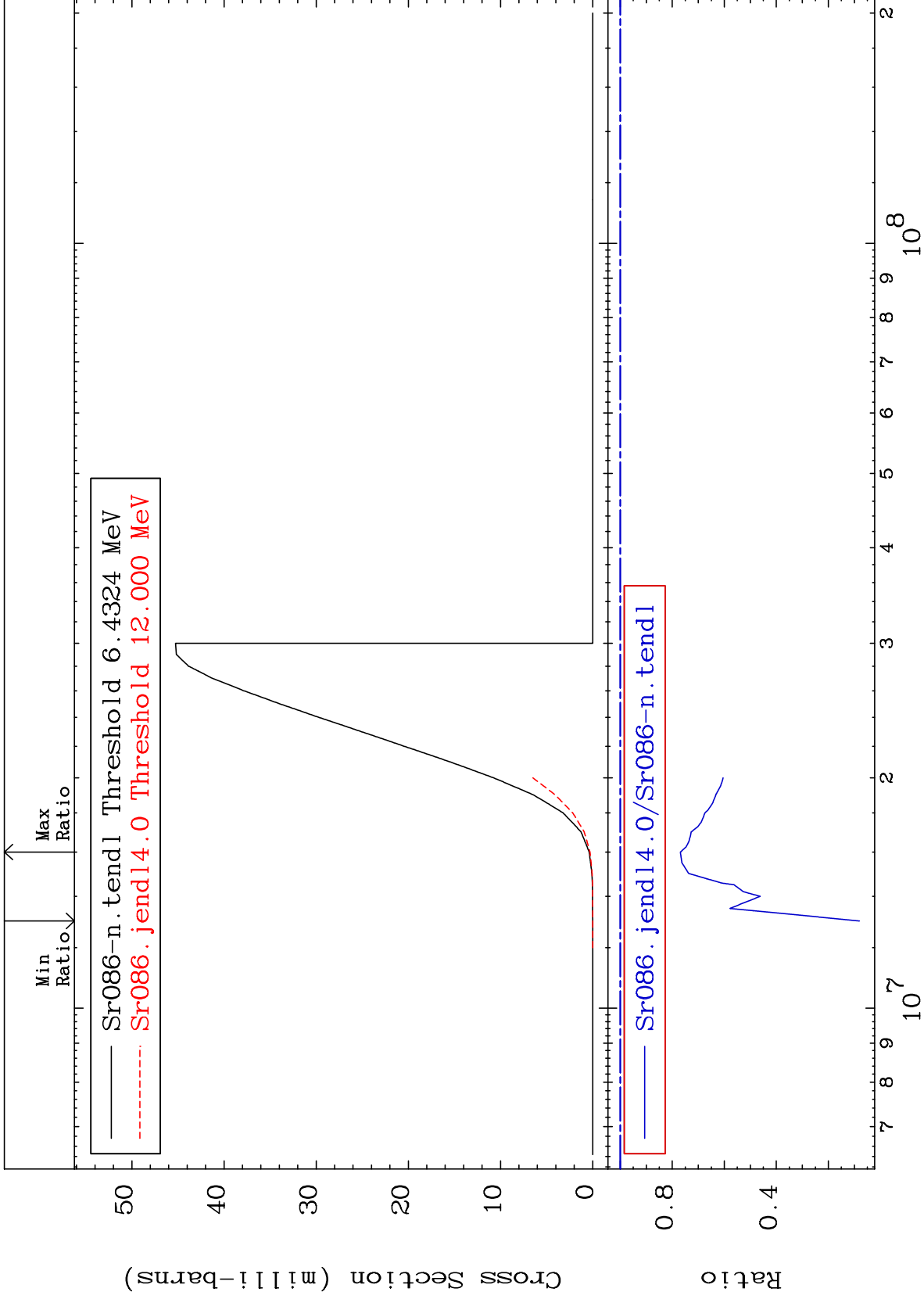




MAT 3831

(n,n') α
Cross Section

³⁸Sr-86
-91.95 To -23.11%



5

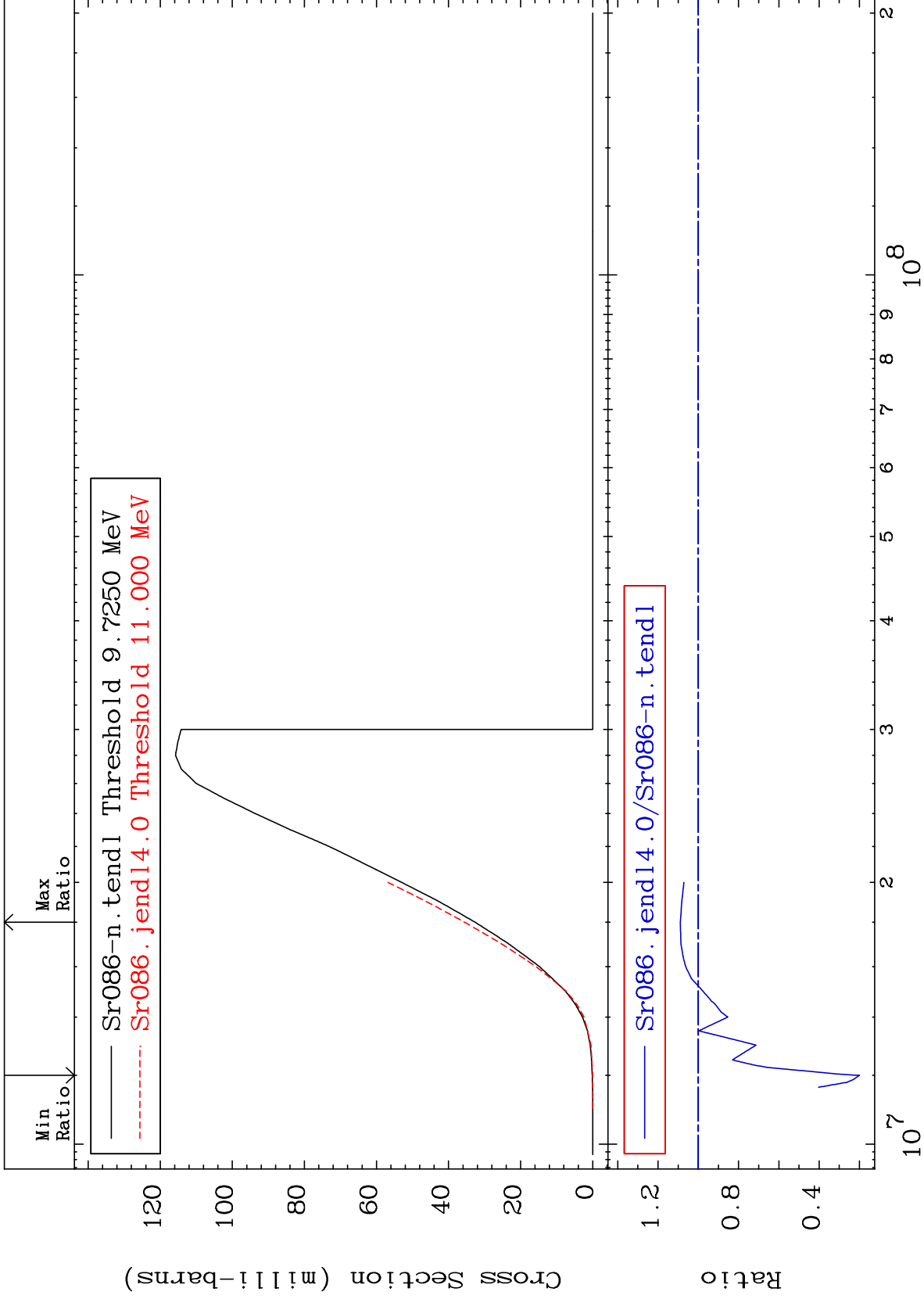
Incident Energy (eV)

³⁸Sr-86

MAT 3831

(n,n') p
Cross Section

38-Sr-86
-80.01 To 8.898 %

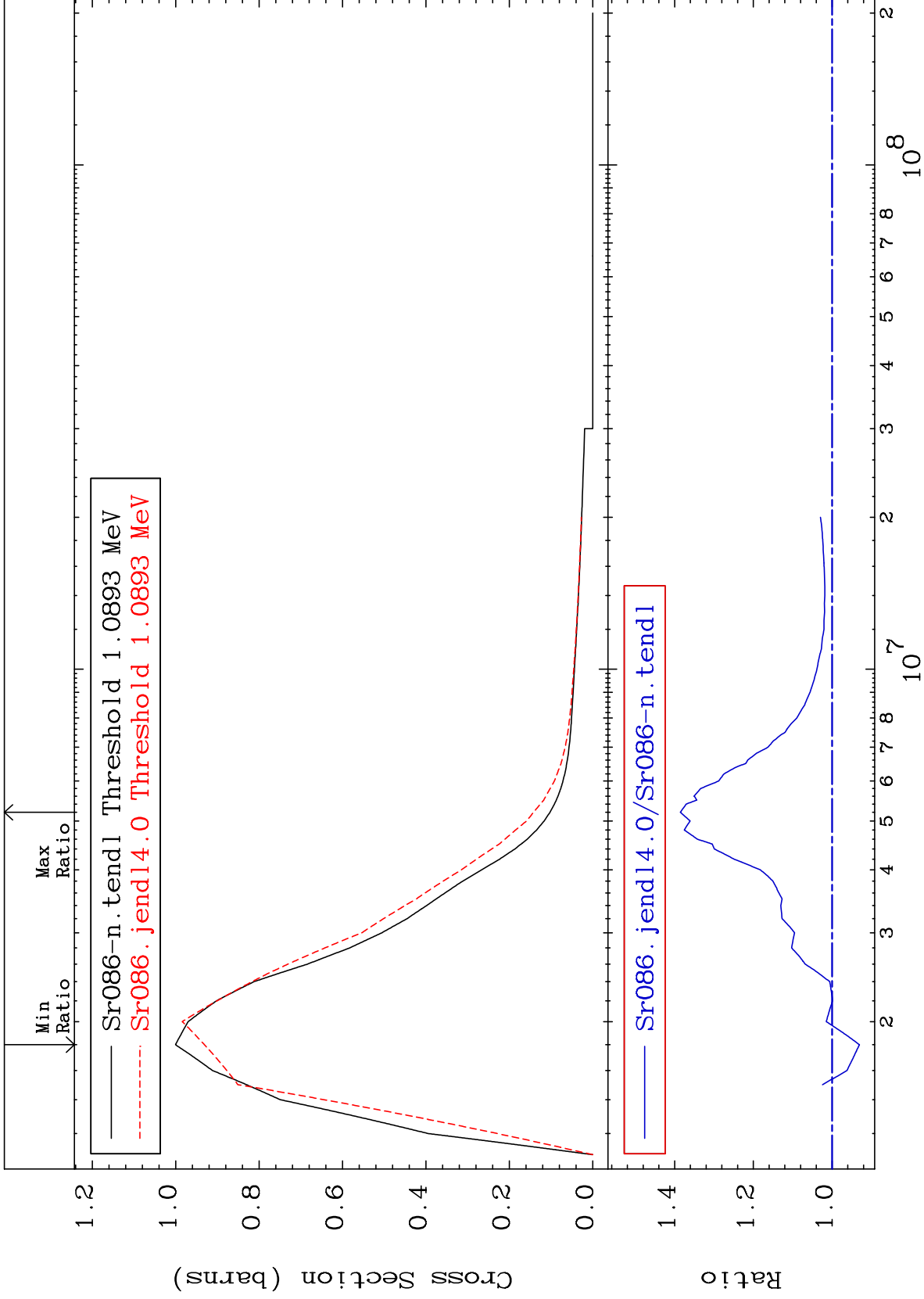


38-Sr-86

MAT 3831

1.077 MeV (n,n') Level
Cross Section

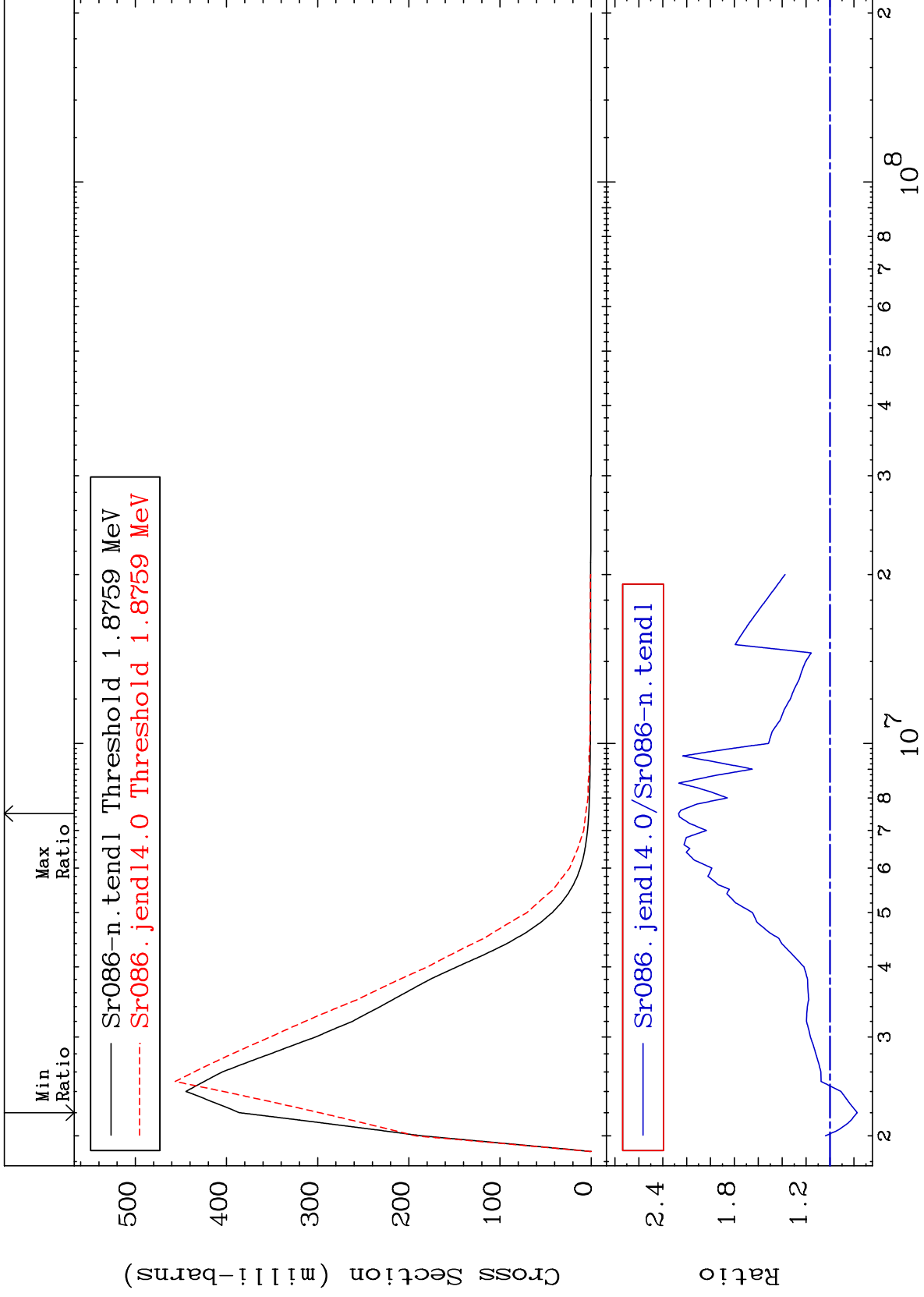
38-Sr-86
-6.948 To 38.55 %



MAT 3831

1.854 MeV (n,n') Level
Cross Section

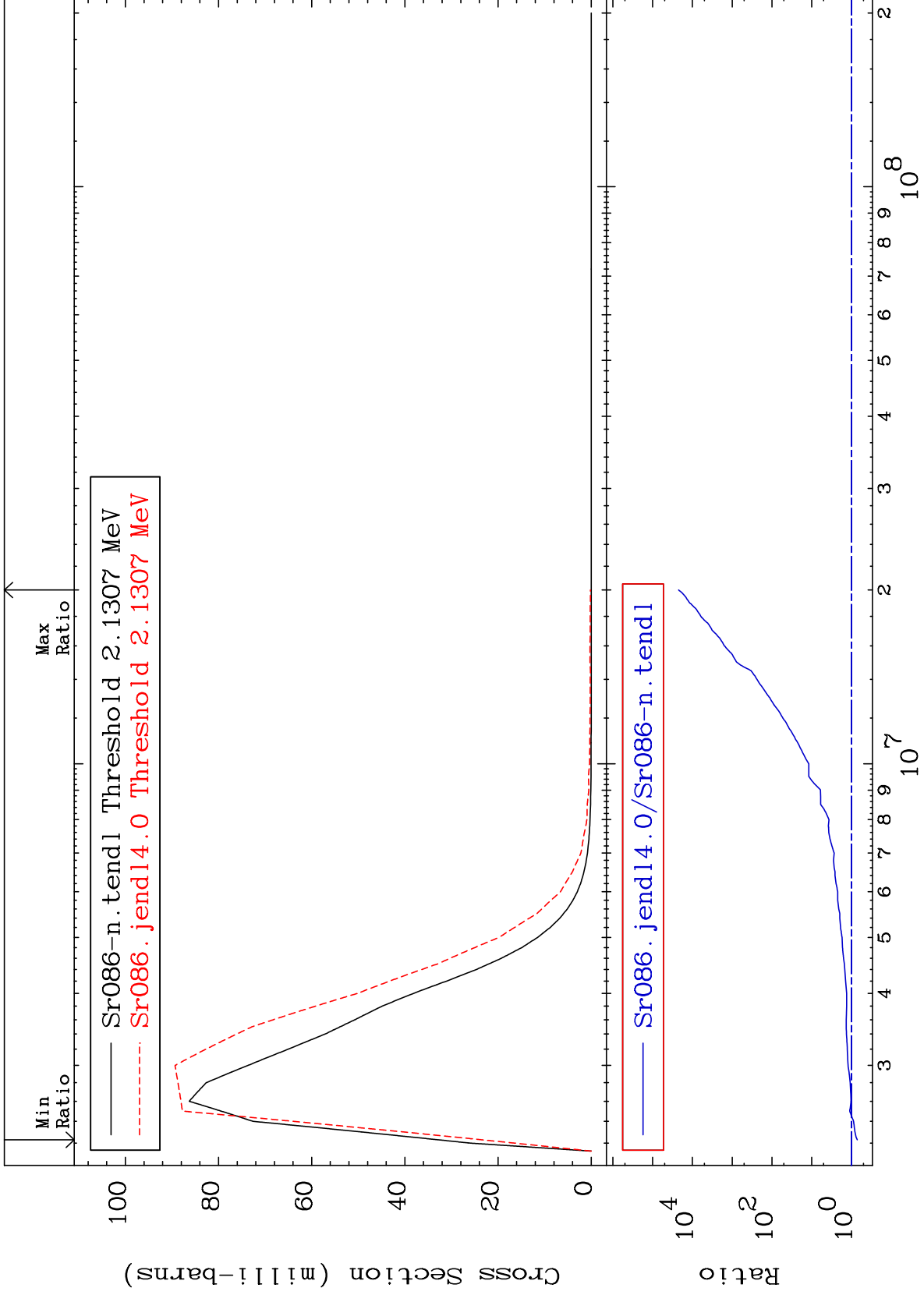
38-Sr-86
-22.78 To 126.7 %



8

38-Sr-86

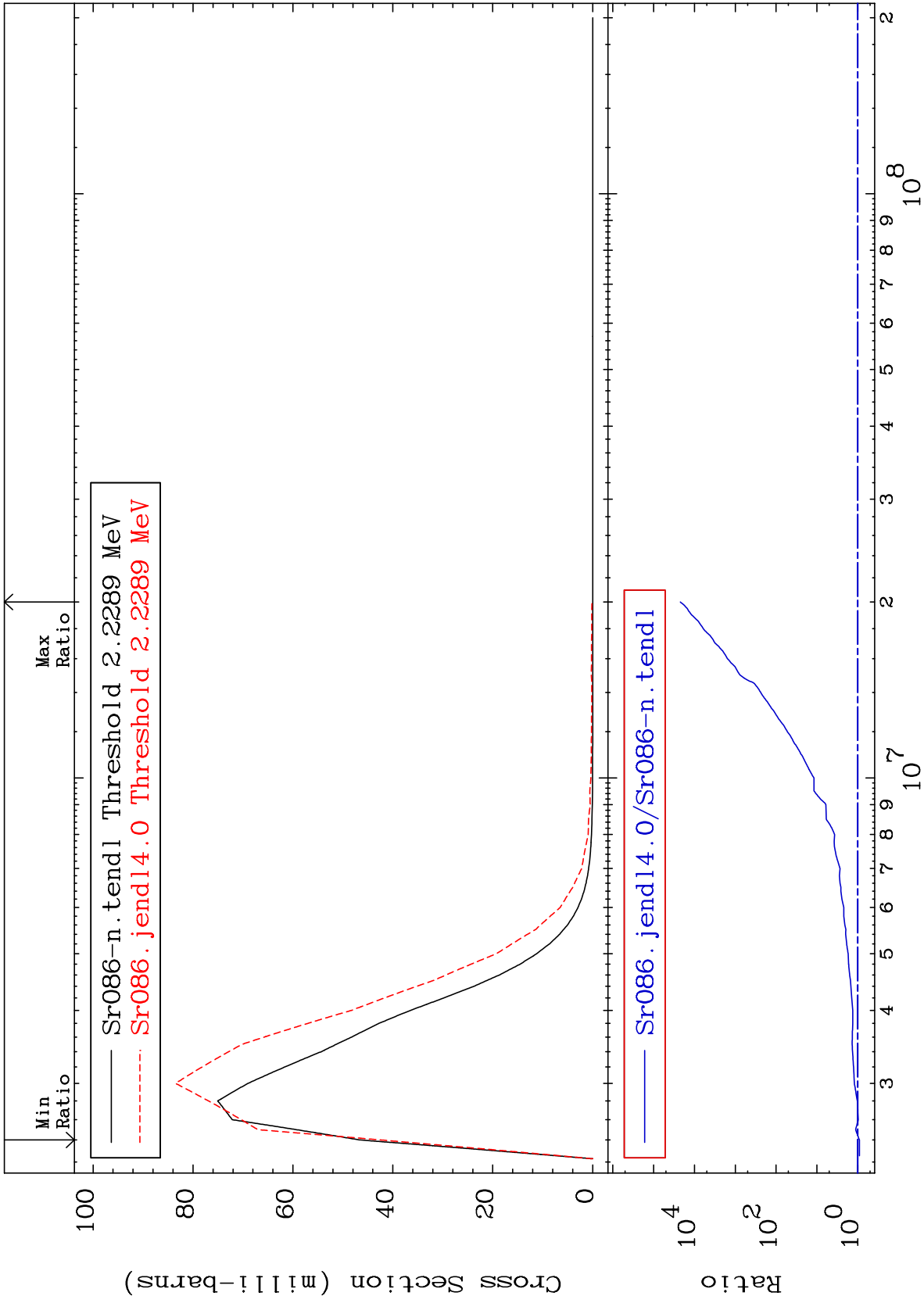
38-Sr-86



MAT 3831

2.203 MeV (n,n') Level
Cross Section

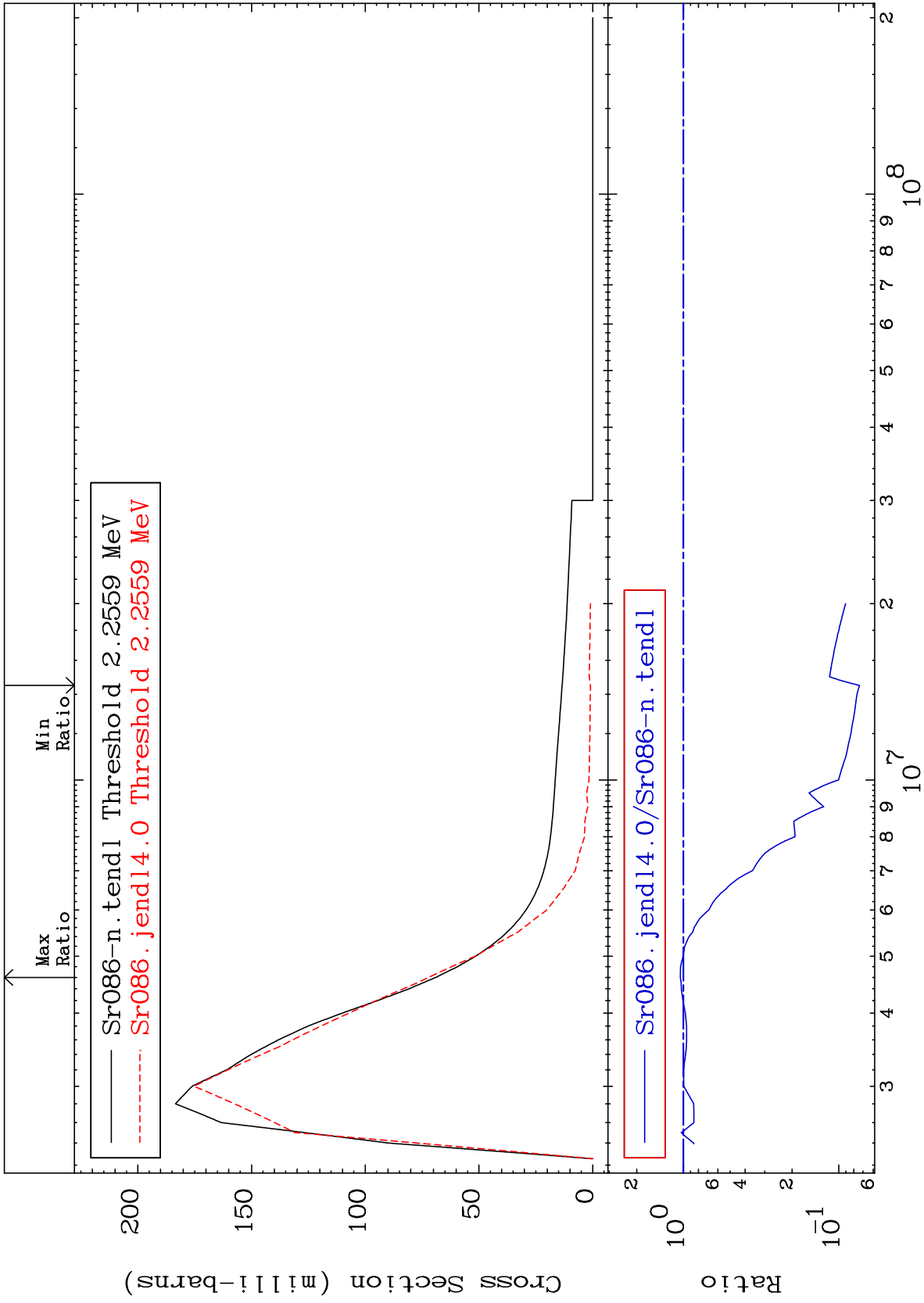
38-Sr-86
-9.056 To 9999. %



10

Incident Energy (eV)

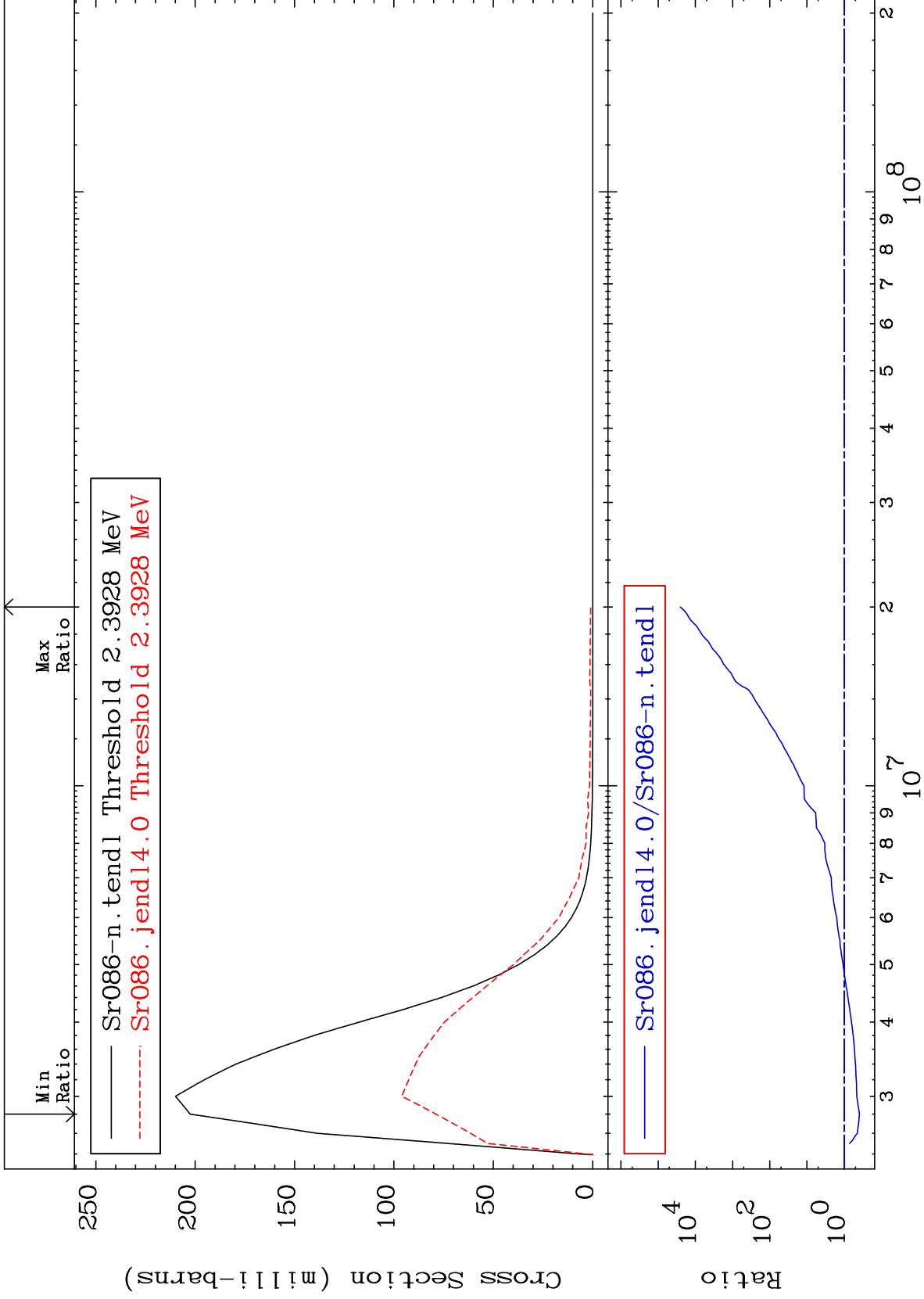
38-Sr-86



MAT 3831

2.365 MeV (n,n') Level
Cross Section

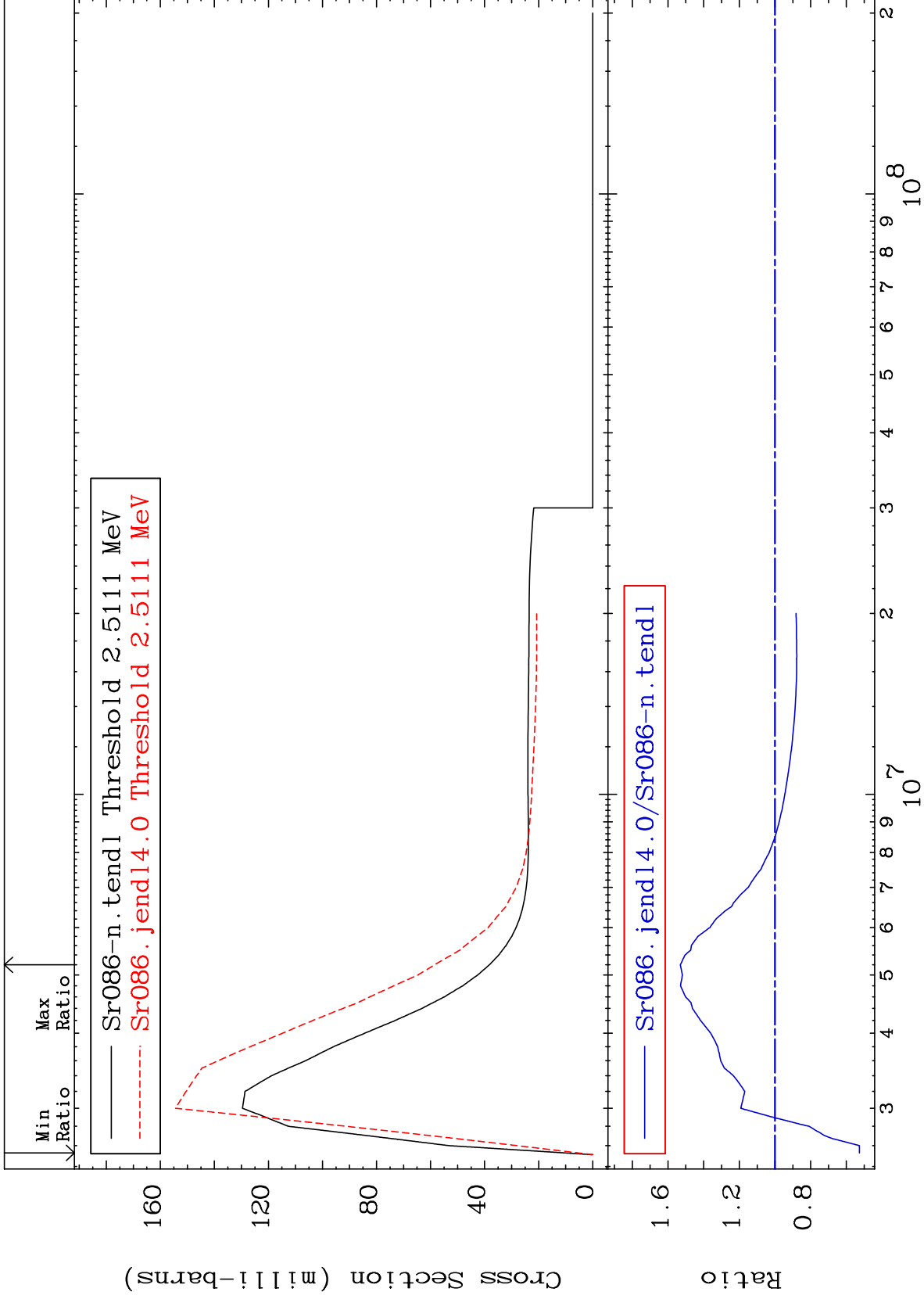
38-Sr-86
-61.09 To 9999. %



MAT 3831

2.482 MeV (n,n') Level
Cross Section

38-Sr-86
-47.32 To 53.07 %



13

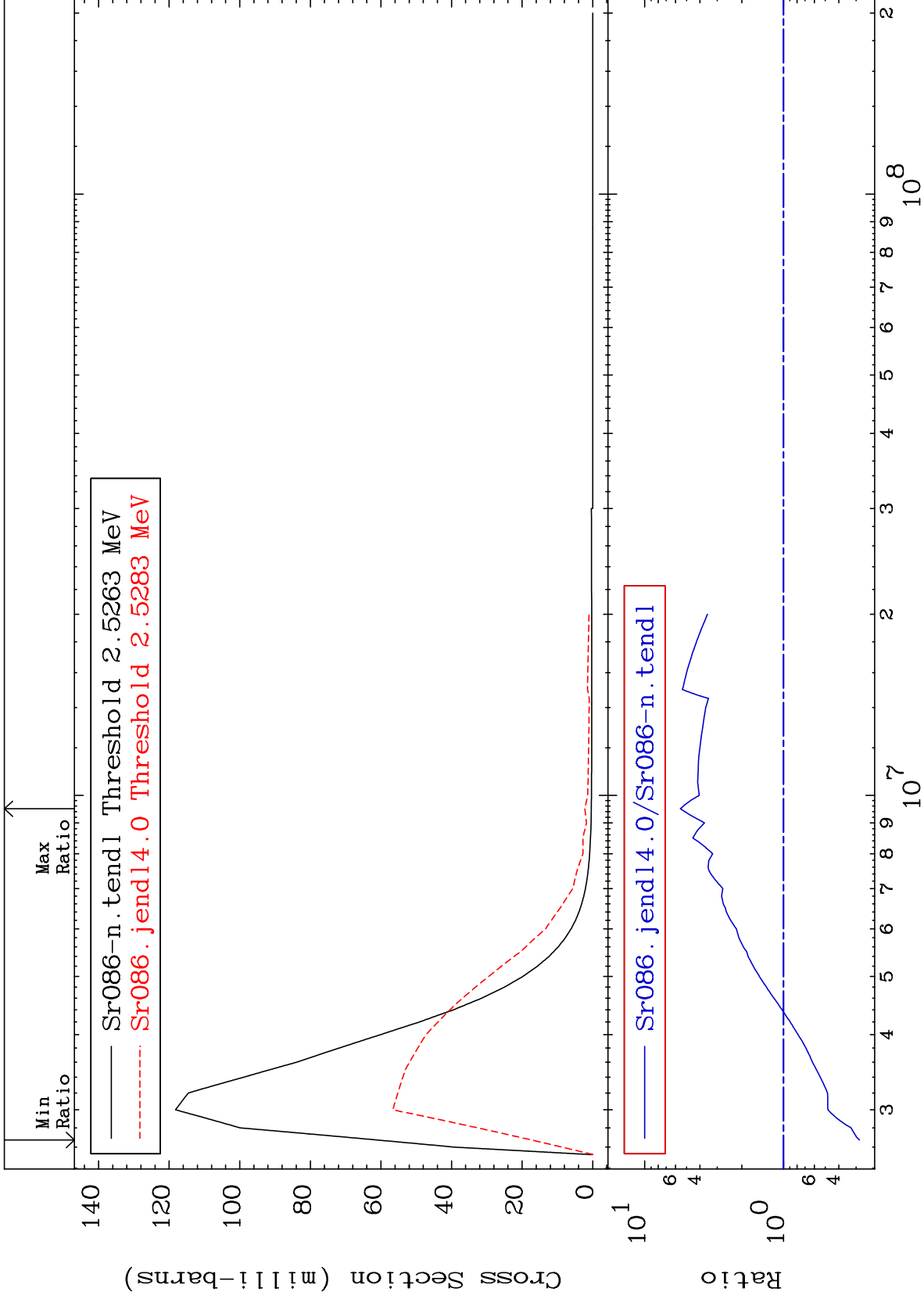
Incident Energy (eV)

38-Sr-86

MAT 3831

2.497 MeV (n,n') Level
Cross Section

38-Sr-86
-71.60 To 453.5 %



14

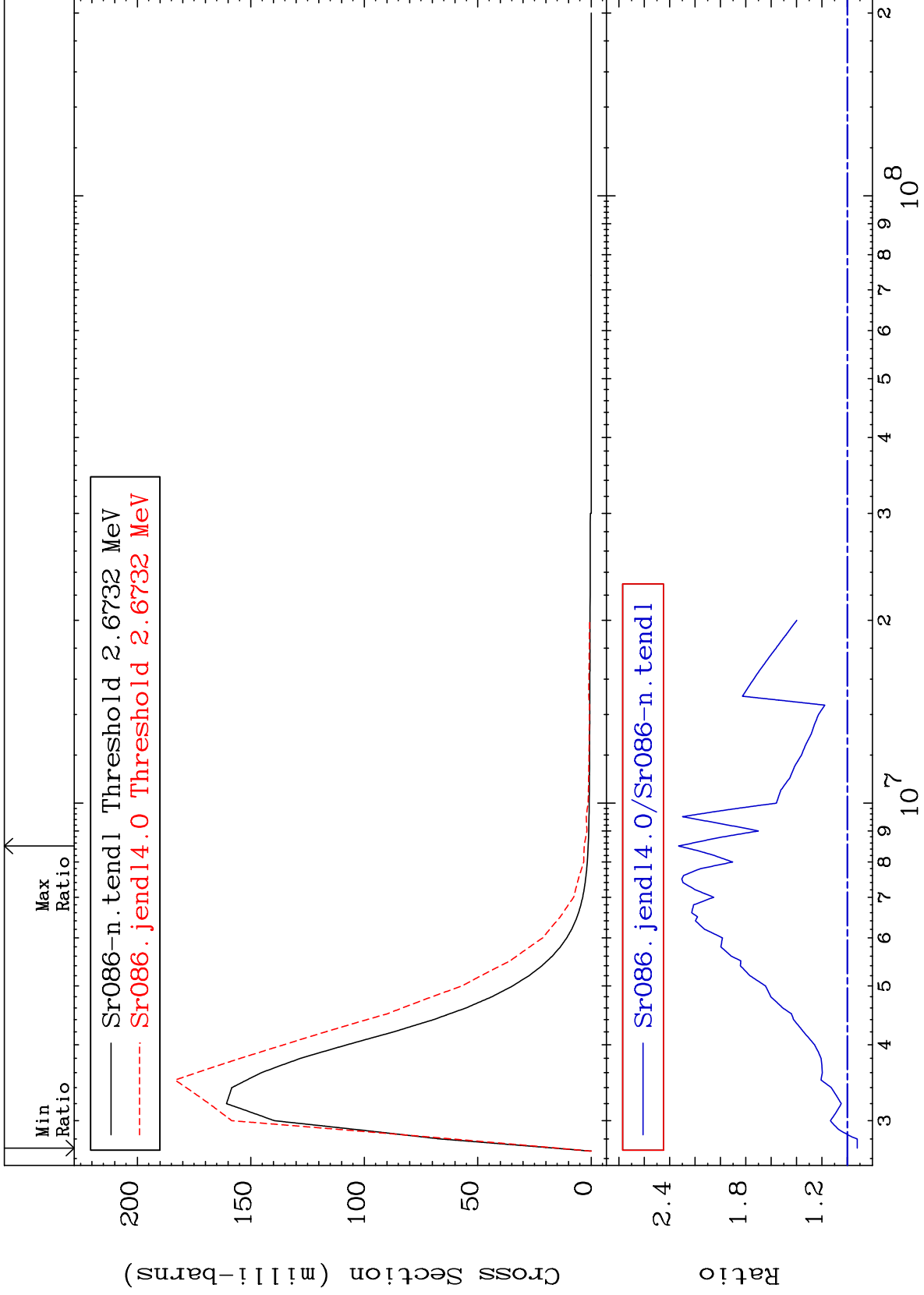
Incident Energy (eV)

38-Sr-86

MAT 3831

2.642 MeV (n,n') Level
Cross Section

38-Sr-86
-7.792 To 133.0 %



15

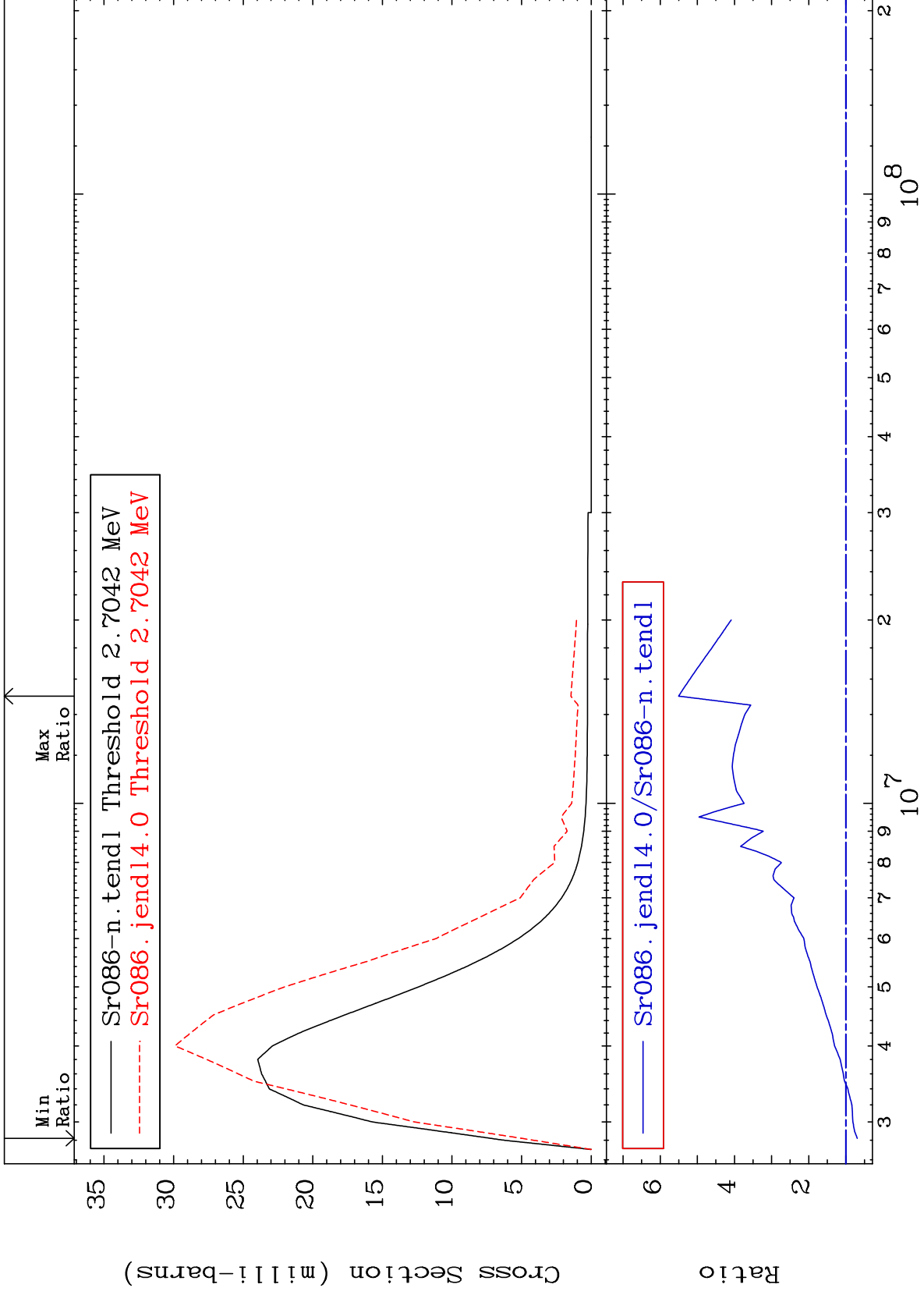
Incident Energy (eV)

38-Sr-86

MAT 3831

2.673 MeV (n,n') Level
Cross Section

38-Sr-86
-30.67 To 450.4 %



16

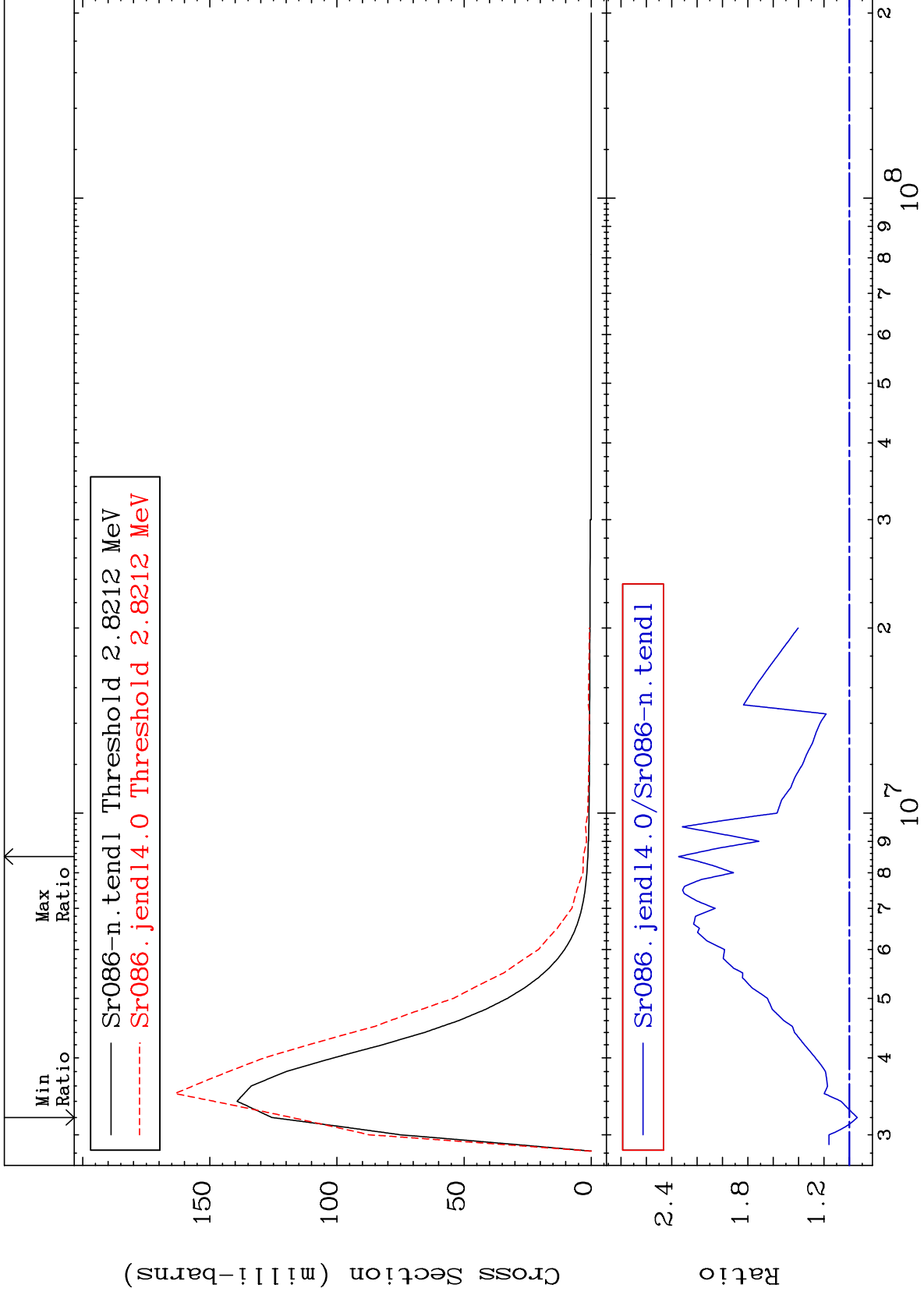
Incident Energy (eV)

38-Sr-86

MAT 3831

2.789 MeV (n,n') Level
Cross Section

38-Sr-86
-6.150 To 134.5 %



17

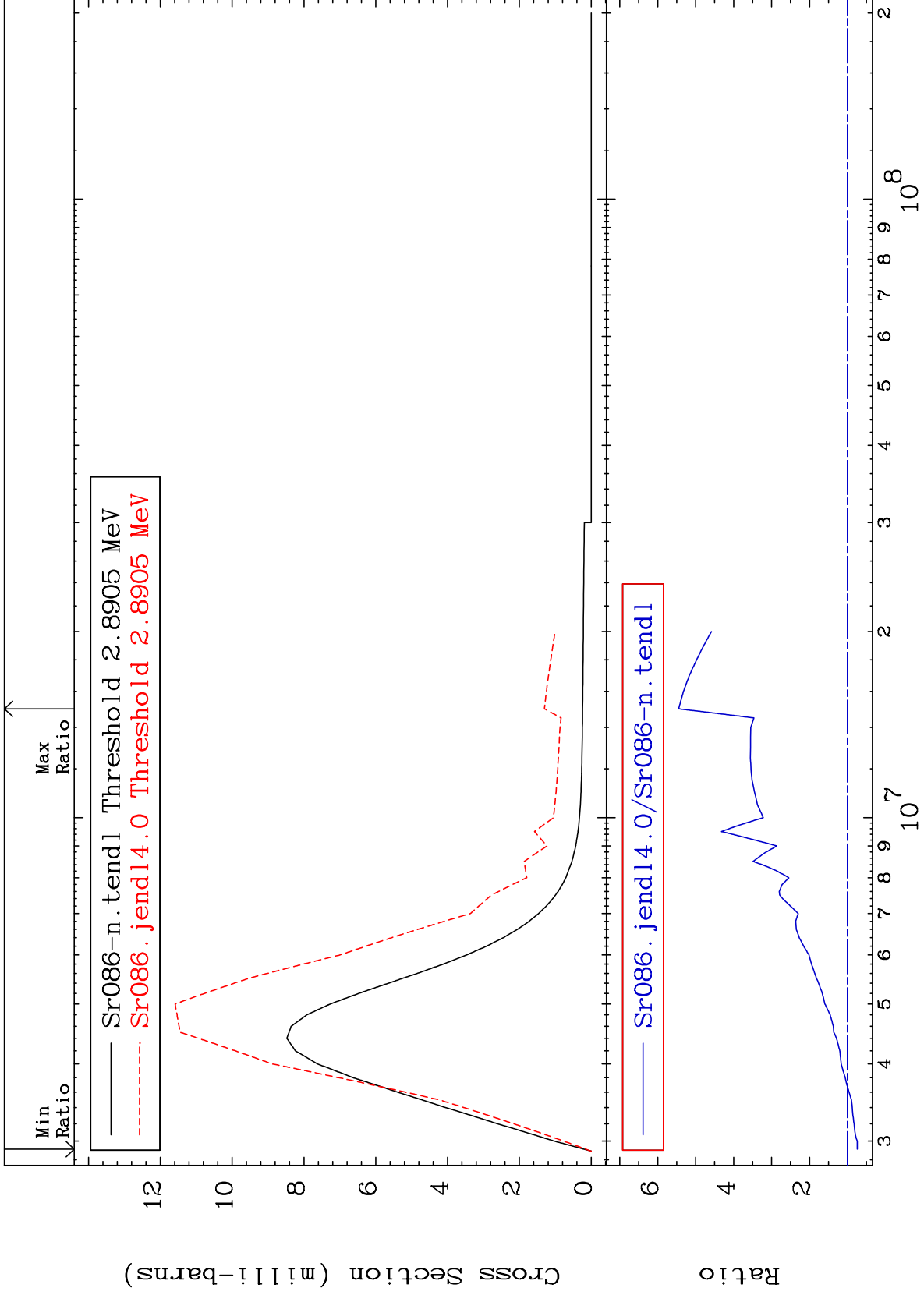
Incident Energy (eV)

38-Sr-86

MAT 3831

2.857 MeV (n,n') Level
Cross Section

38-Sr-86
-25.68 To 444.9 %



18

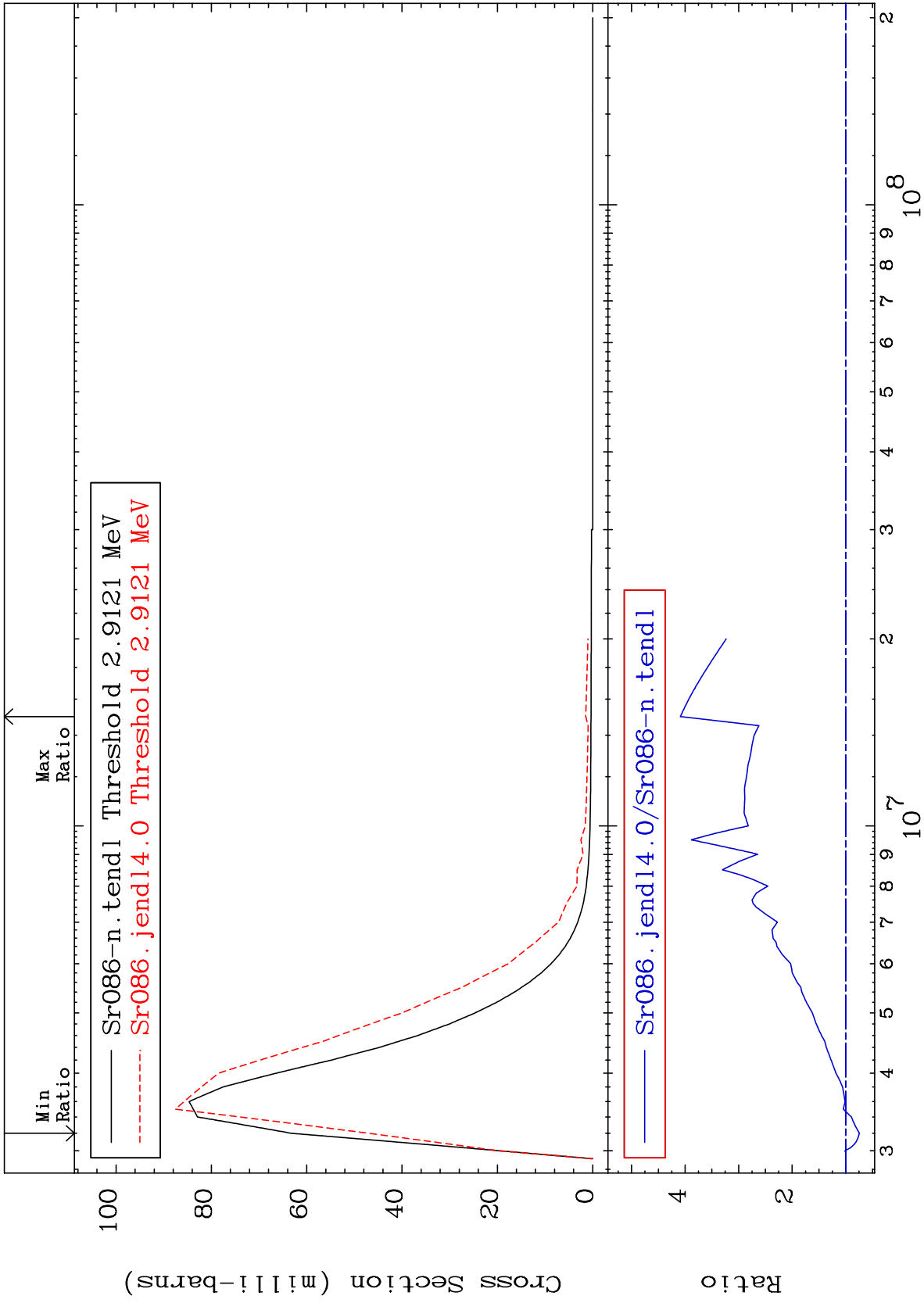
Incident Energy (eV)

38-Sr-86

MAT 3831

2.878 MeV (n,n') Level
Cross Section

38-Sr-86
-25.64 To 308.8 %



19

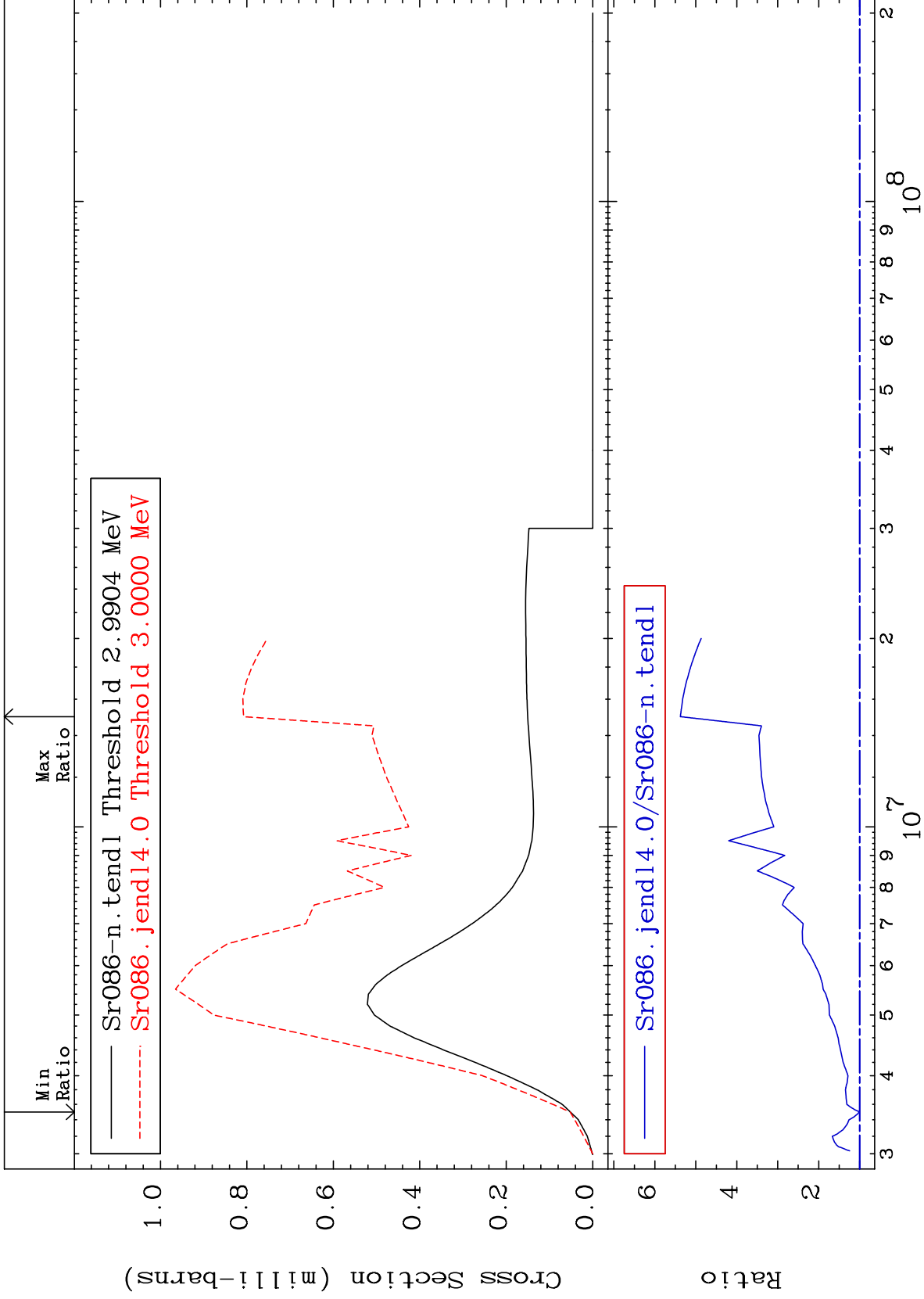
38-Sr-86

38-Sr-86

MAT 3831

2.956 MeV (n,n') Level
Cross Section

38-Sr-86
0.529 To 437.7 %



20

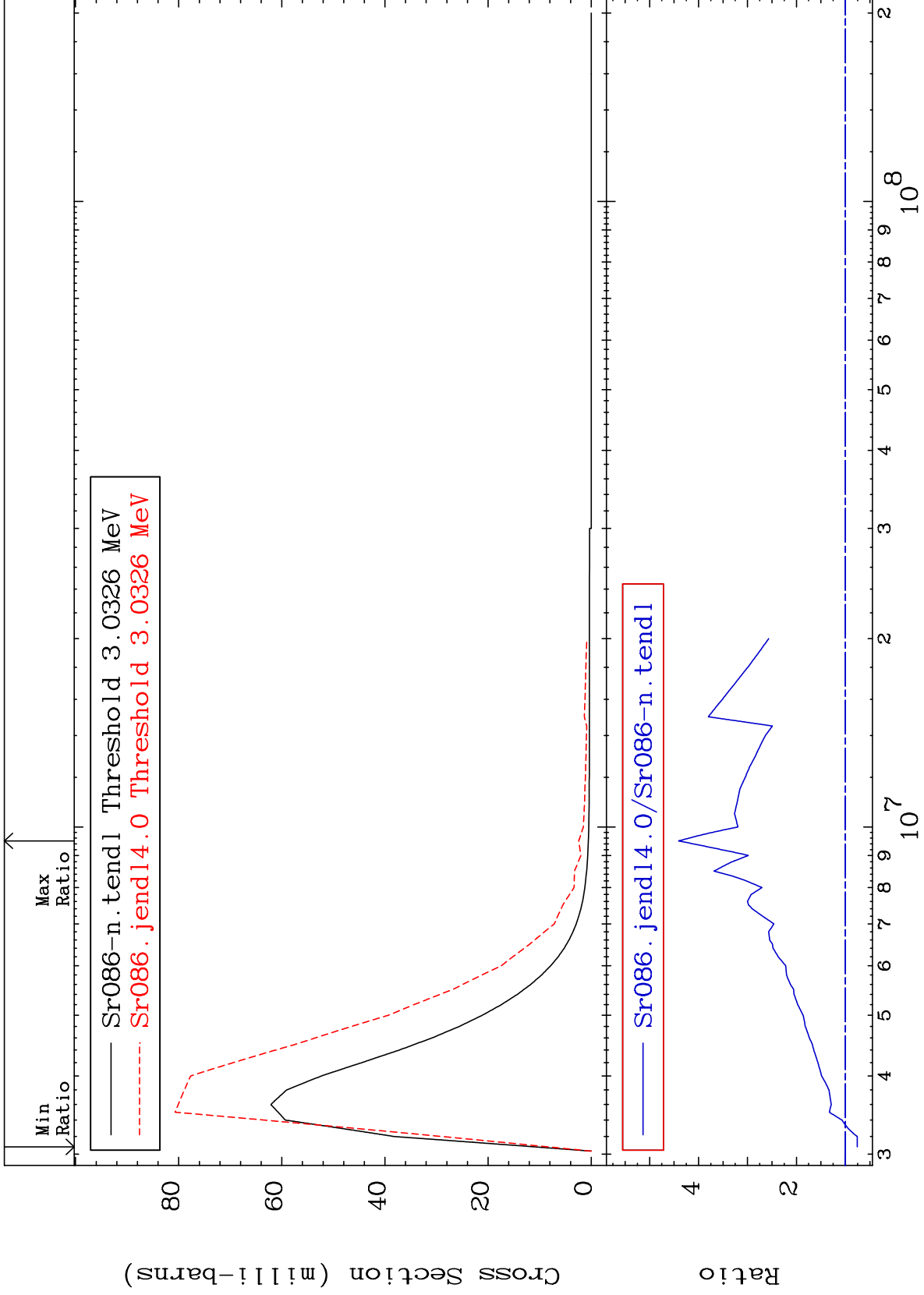
Incident Energy (eV)

38-Sr-86

MAT 3831

2.997 MeV (n,n') Level
Cross Section

38-Sr-86
-24.24 To 340.7 %

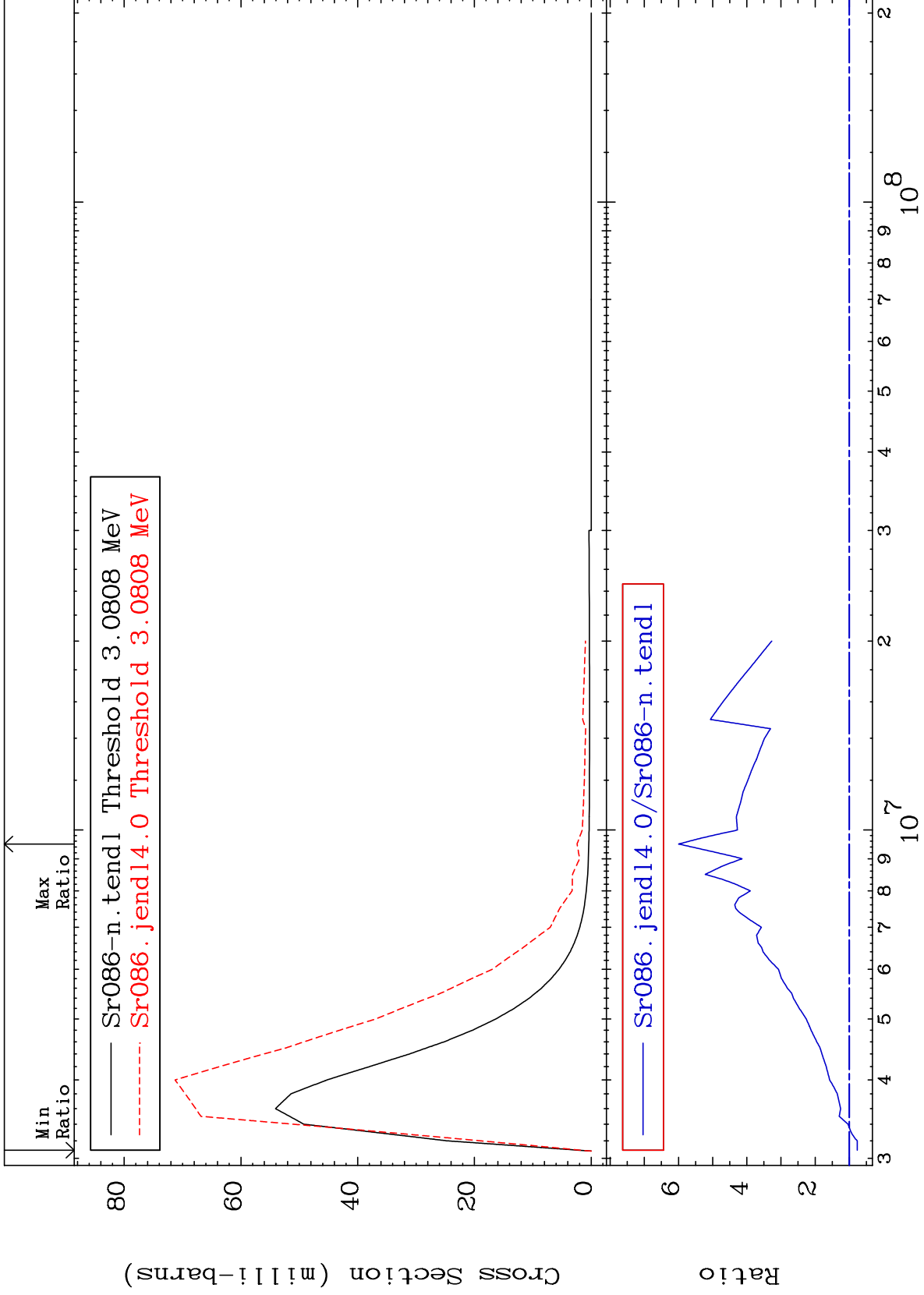


21

MAT 3831

3.045 MeV (n,n') Level
Cross Section

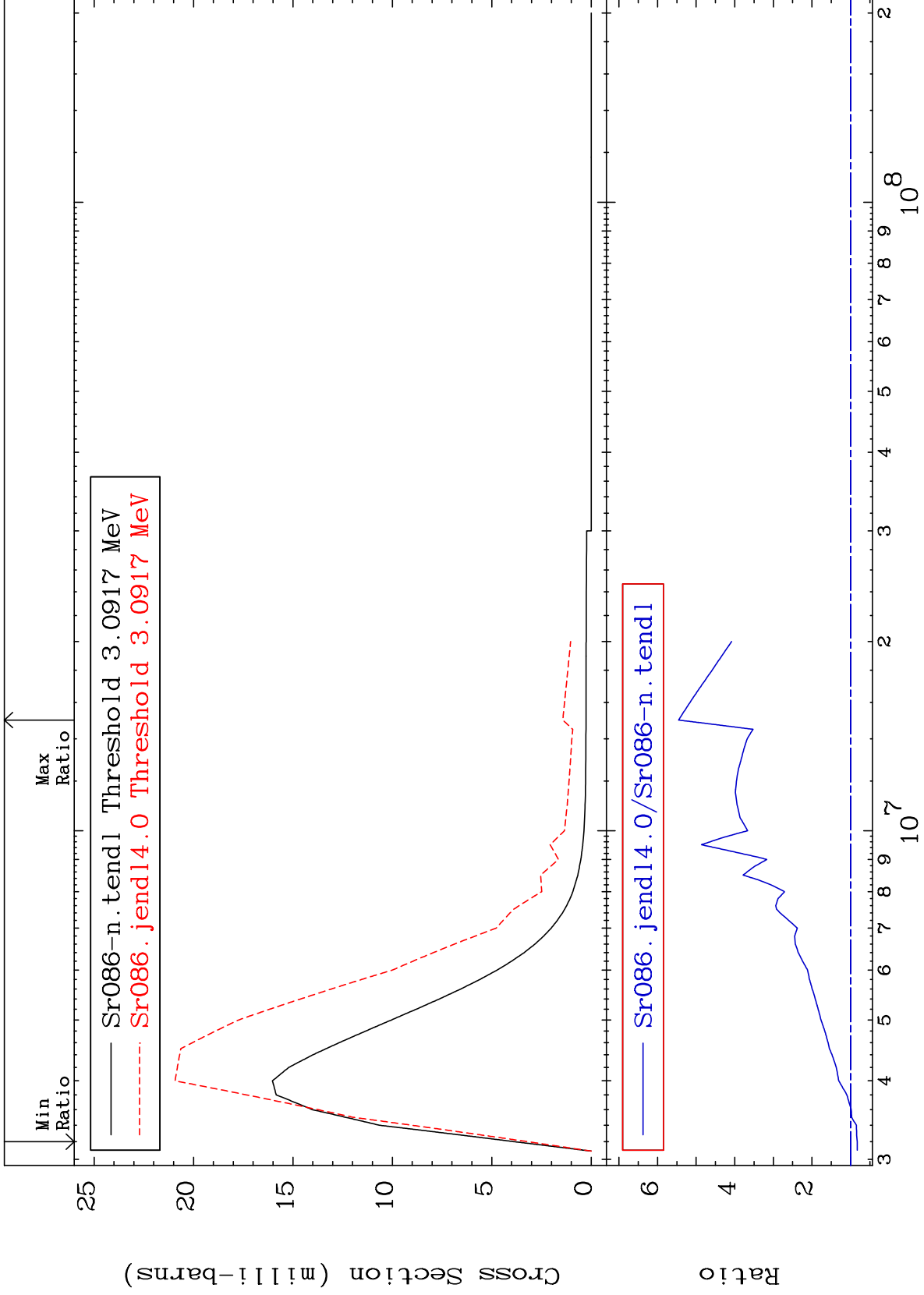
38-Sr-86
-23.24 To 499.6 %

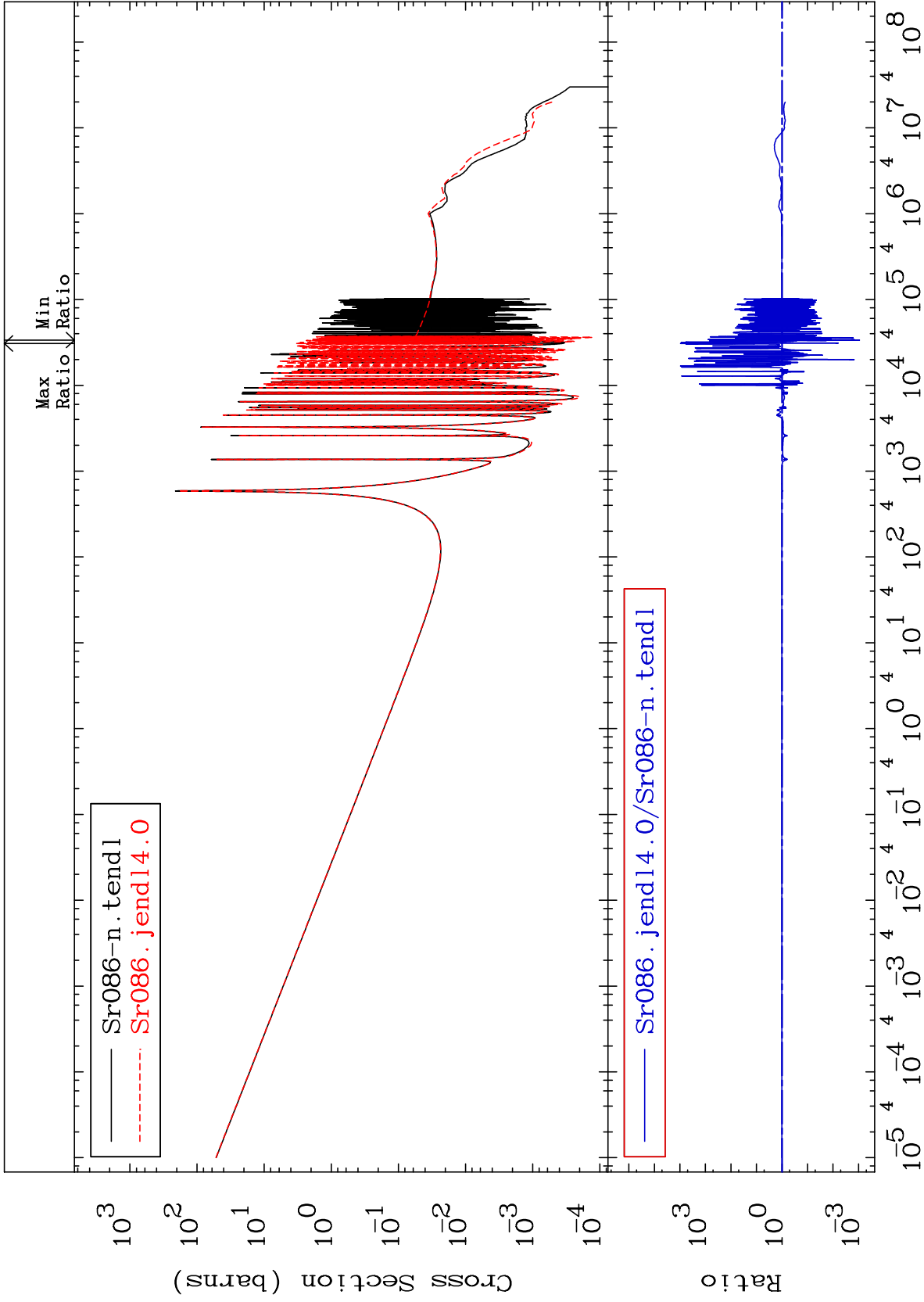


MAT 3831

3.056 MeV (n,n') Level
Cross Section

38-Sr-86
-17.40 To 445.4 %





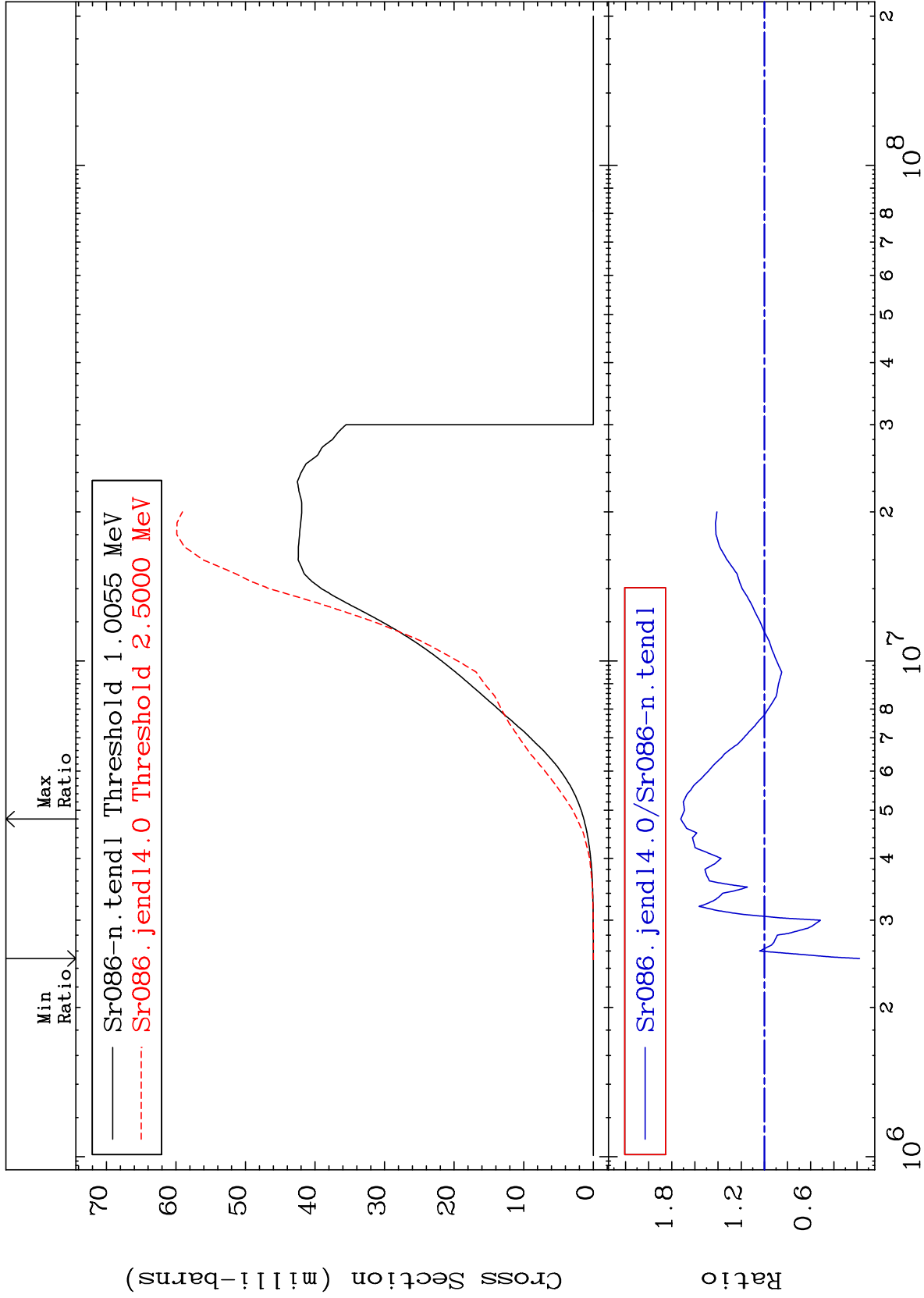
MAT 3831

(n,p)

38-Sr-86

Cross Section

-82.19 To 72.24 %



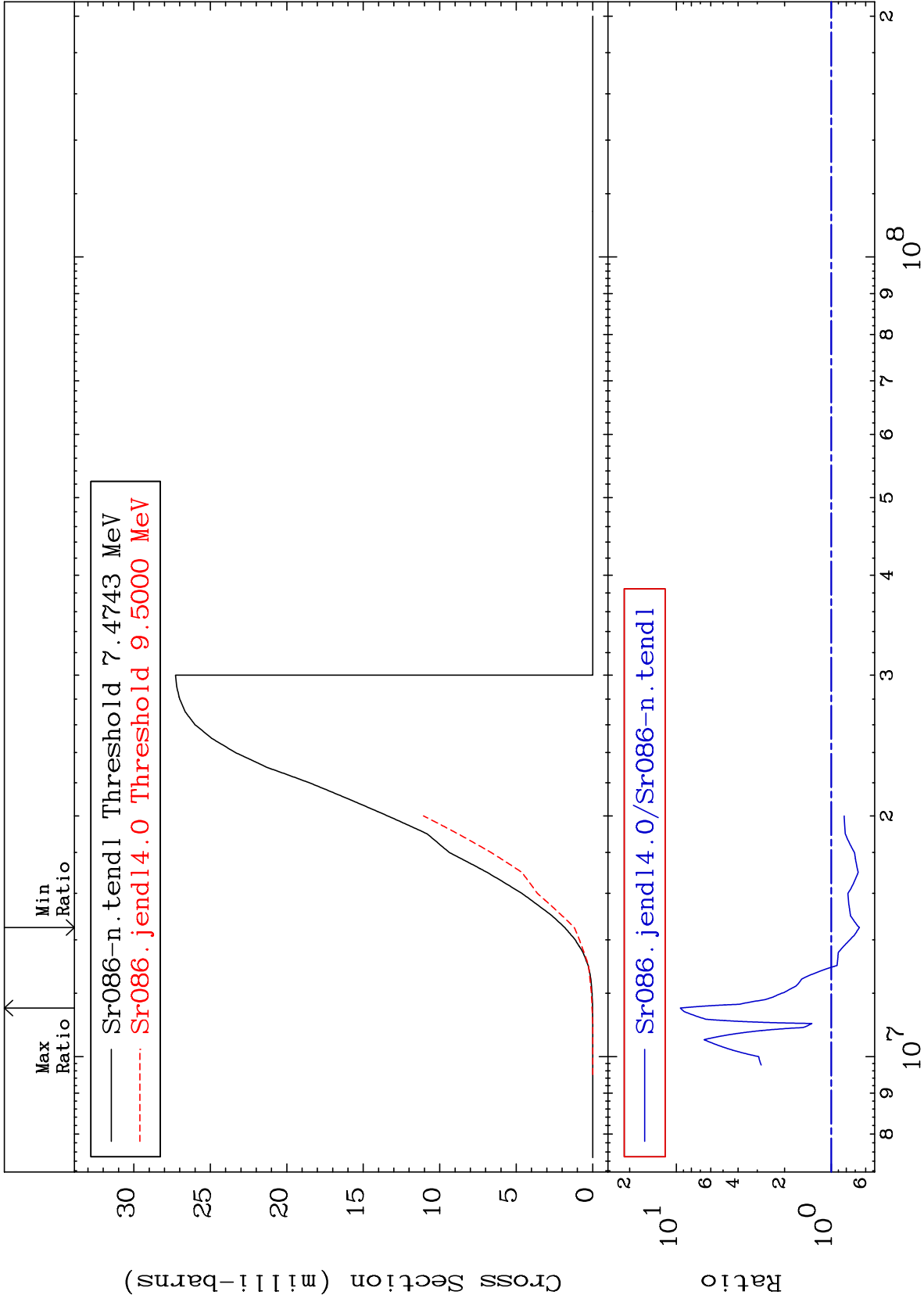
26

Incident Energy (eV)

38-Sr-86

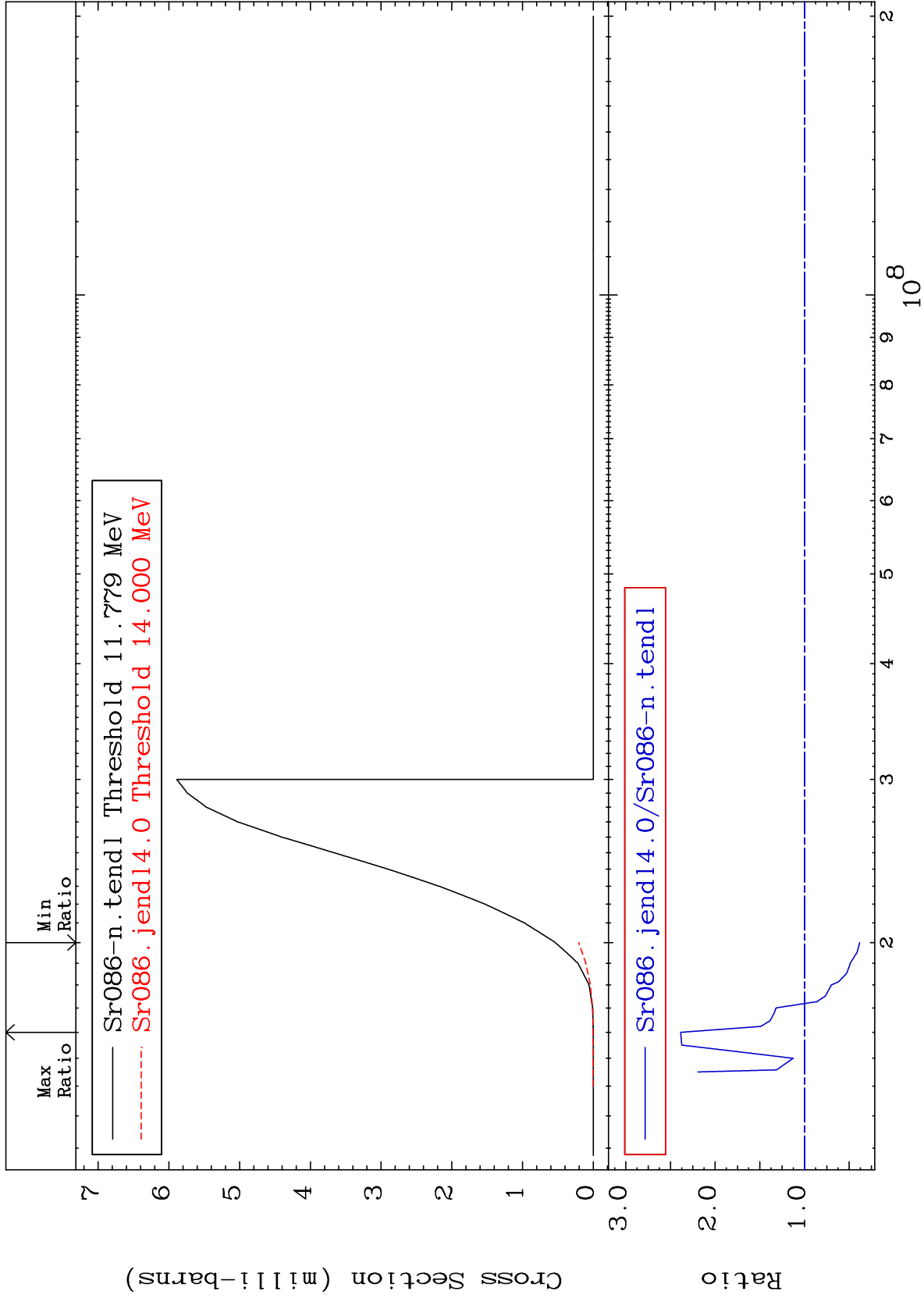
Cross Section

-34.19 To 842.1 %



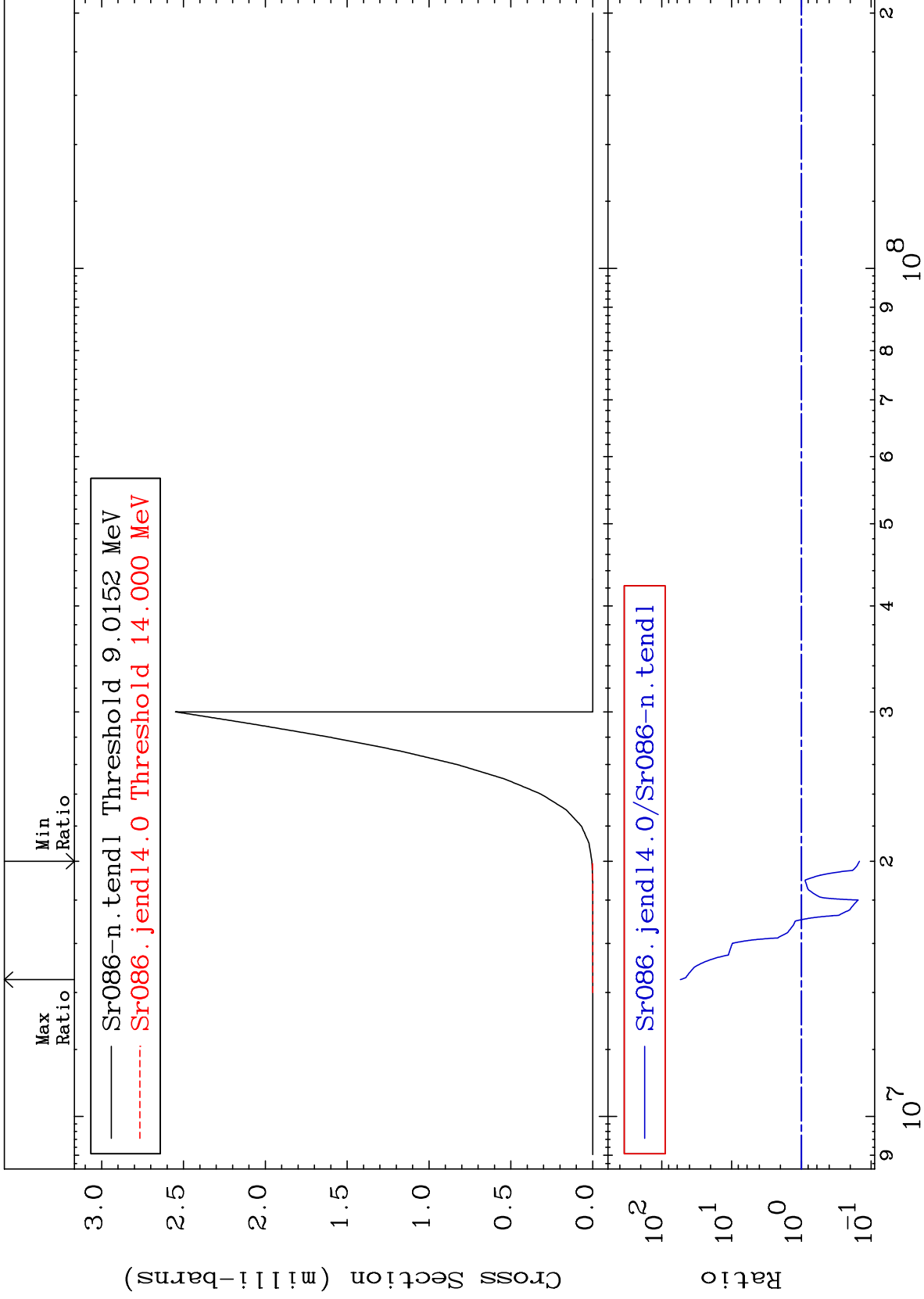
Cross Section

-61.61 To 138.5 %



Cross Section

-85.27 To 5322. %



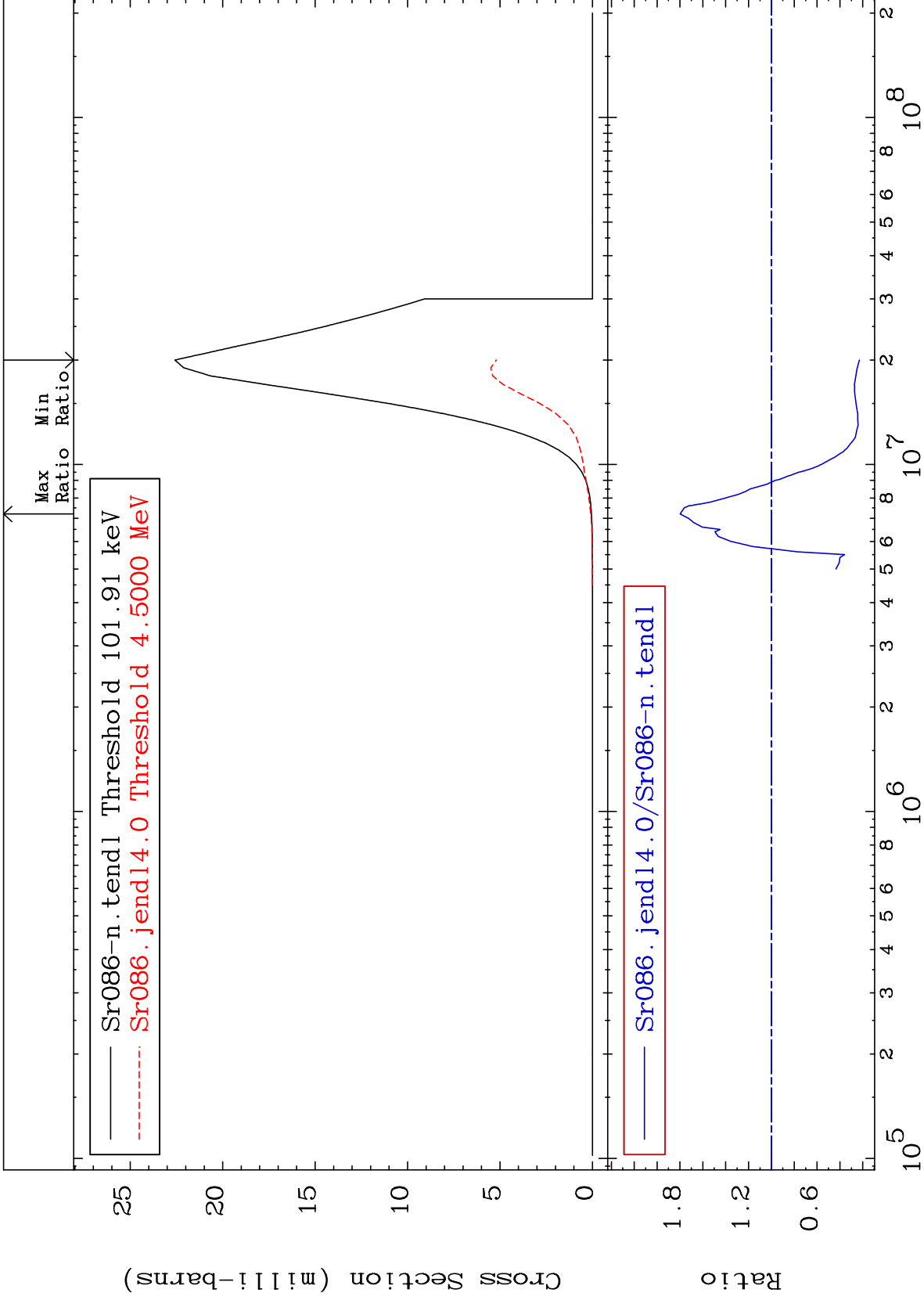
MAT 3831

(n, α)

38-Sr-86

Cross Section

-77.00 To 79.80 %



30

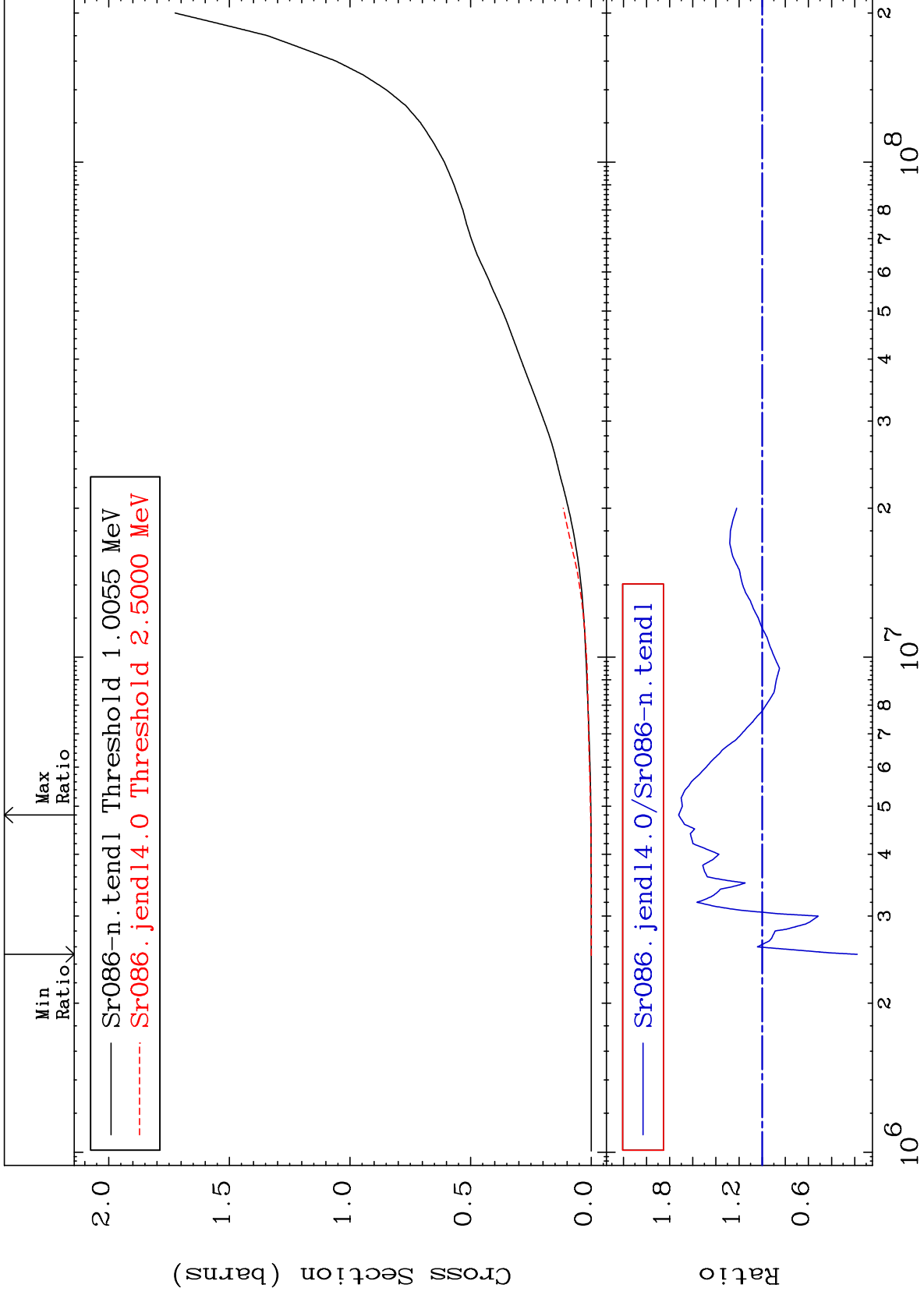
Incident Energy (eV)

38-Sr-86

MAT 3831

Hydrogen Production
Cross Section

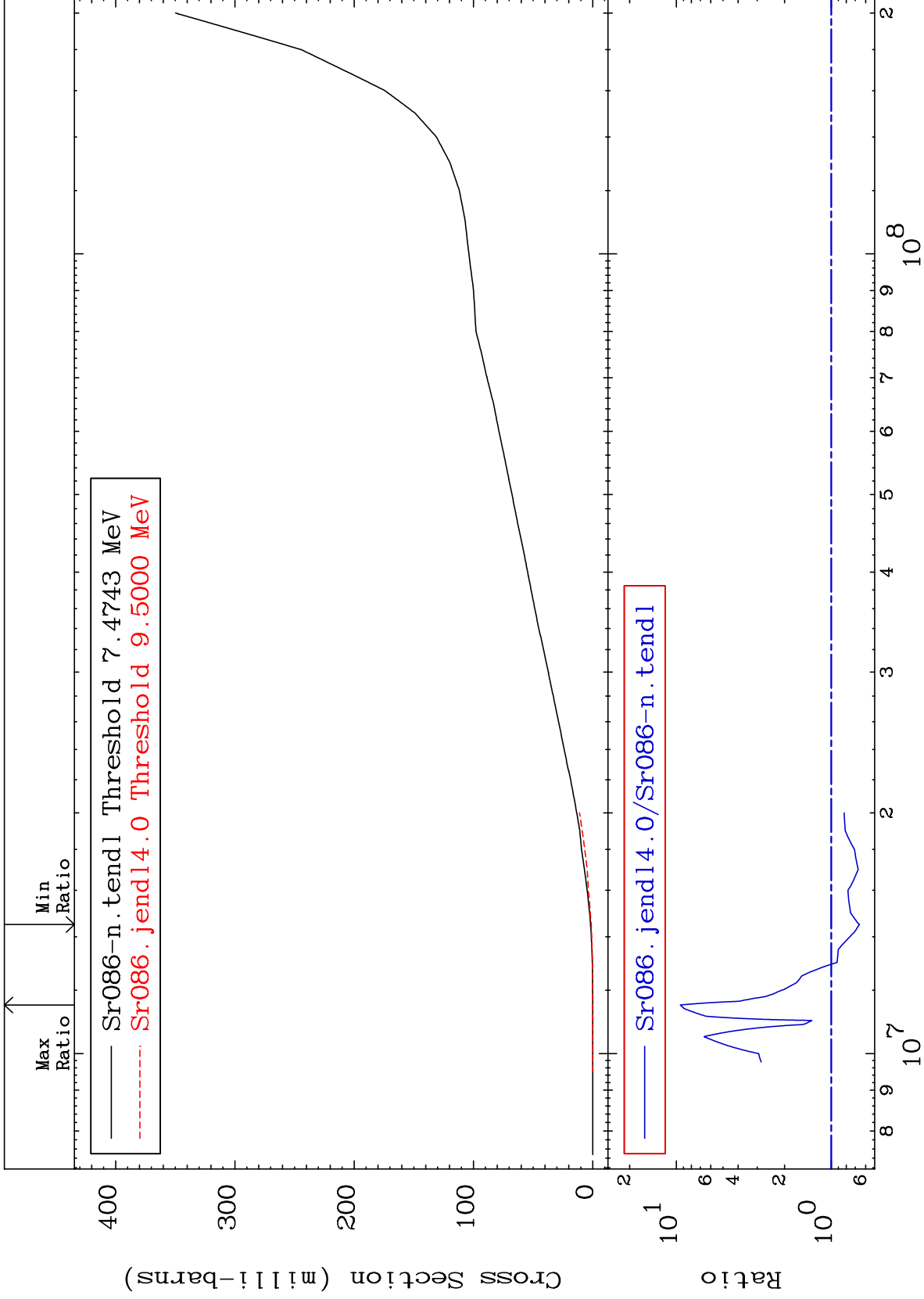
38-Sr-86
-82.19 To 72.24 %

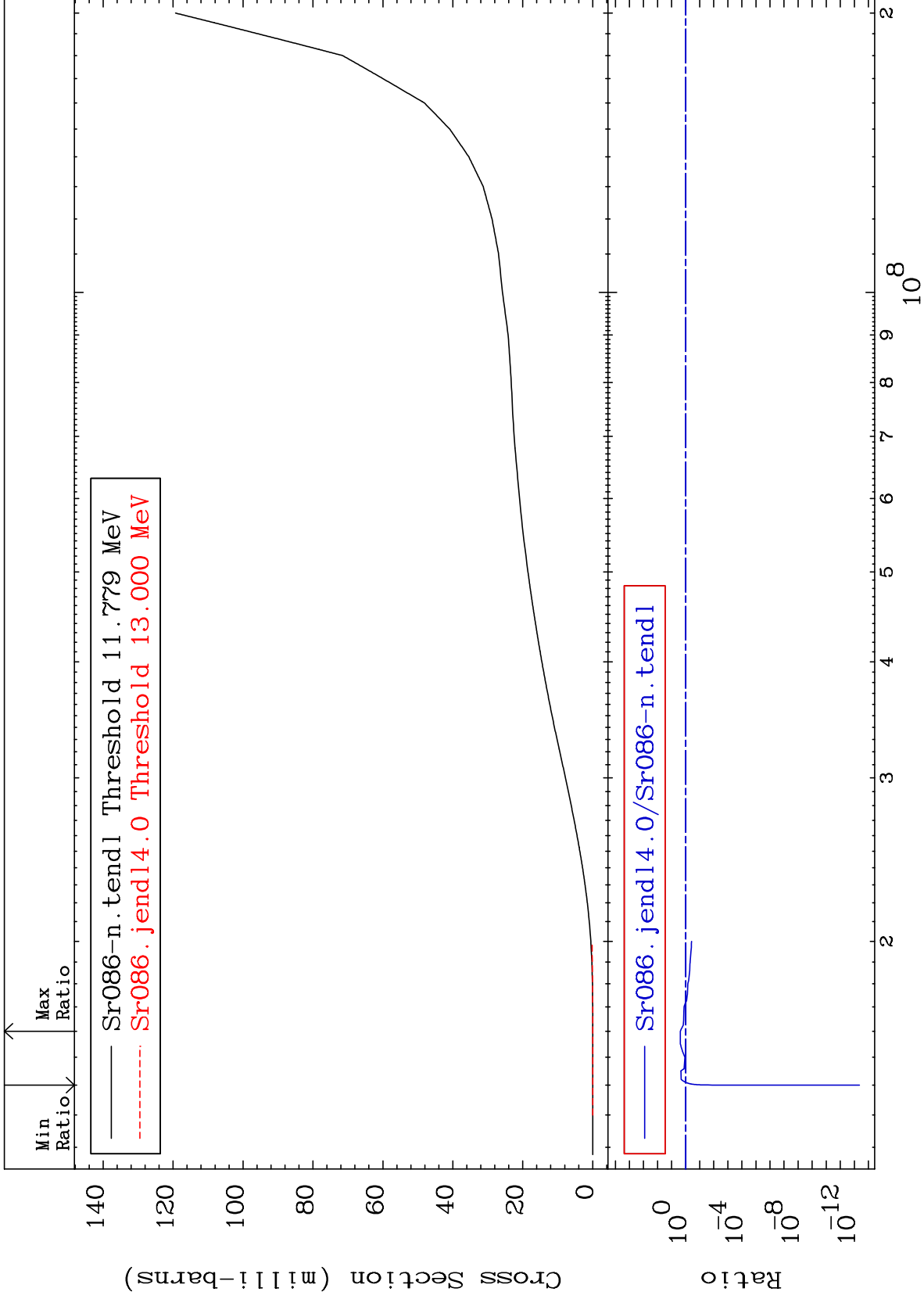


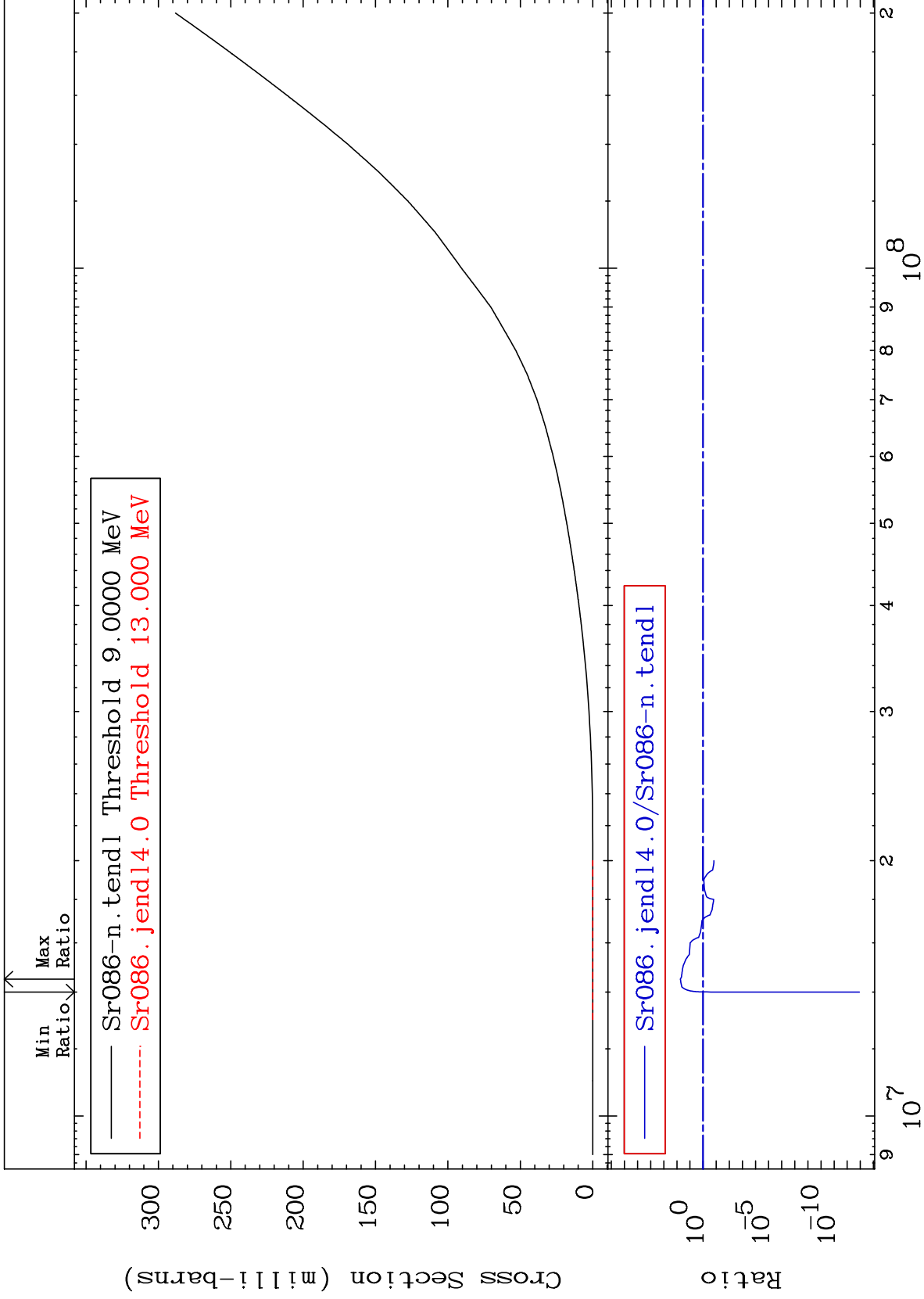
31

Incident Energy (eV)

38-Sr-86



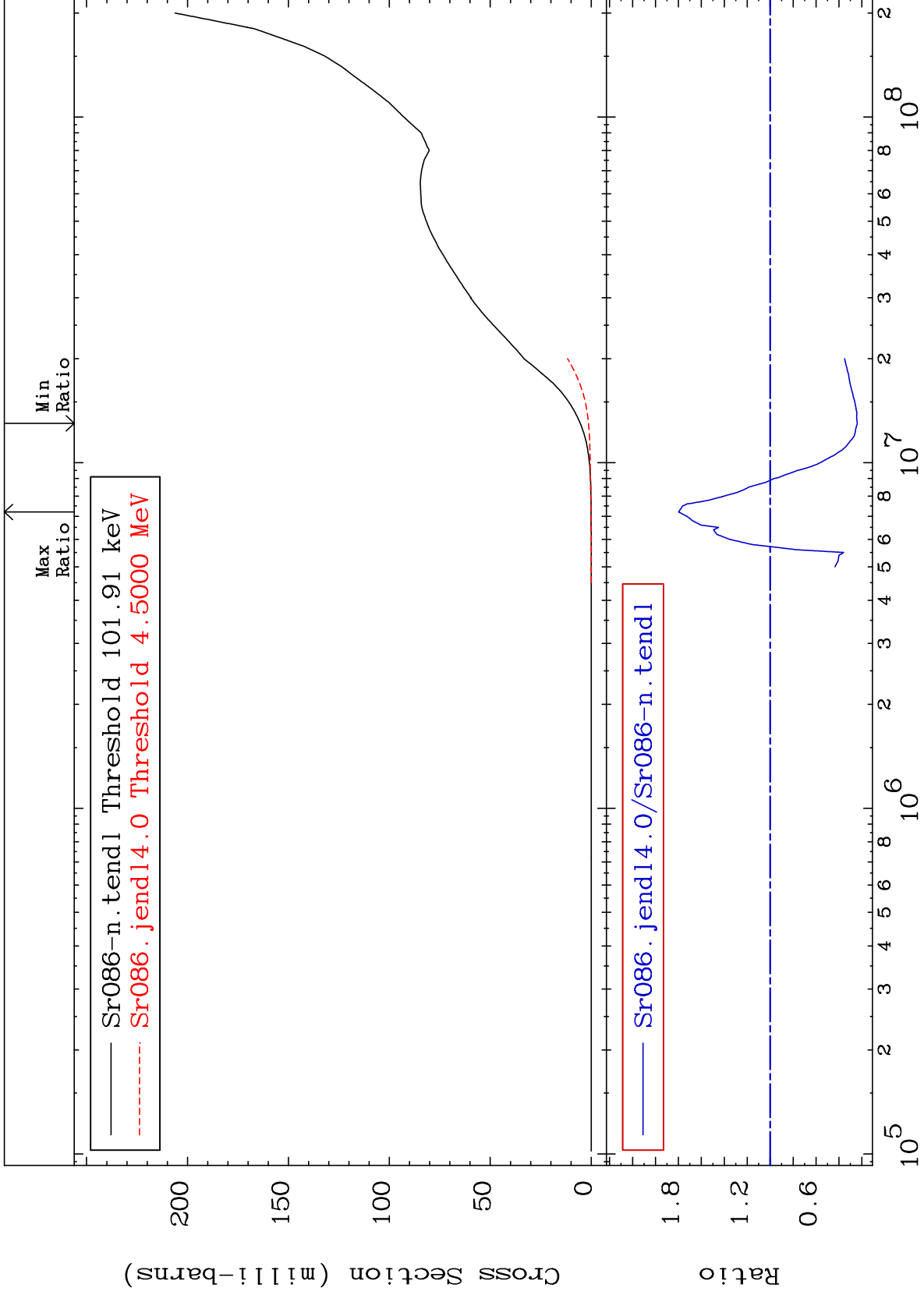




MAT 3831

He-4 Production
Cross Section

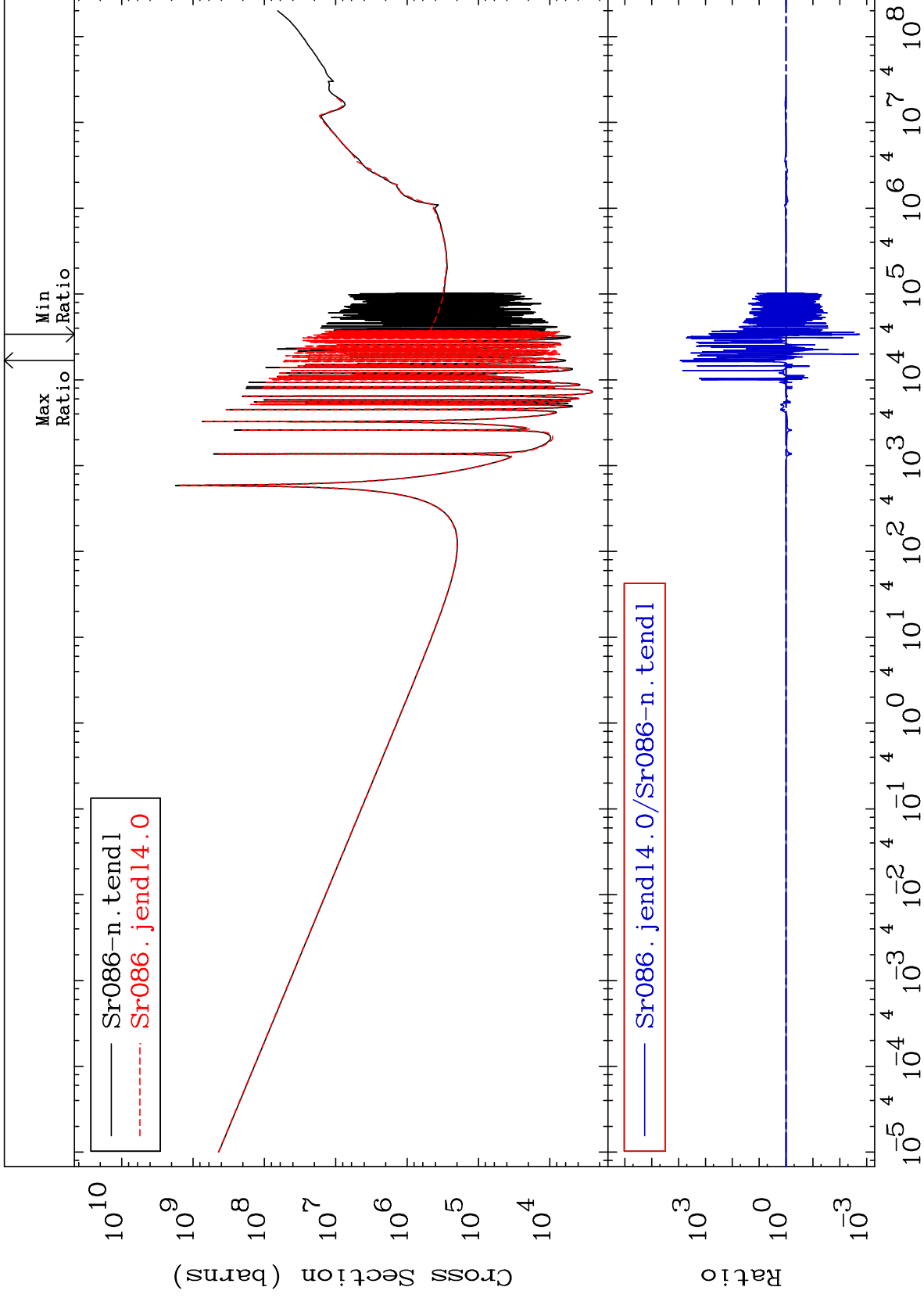
38-Sr-86
-75.93 To 79.80 %



35

Incident Energy (eV)

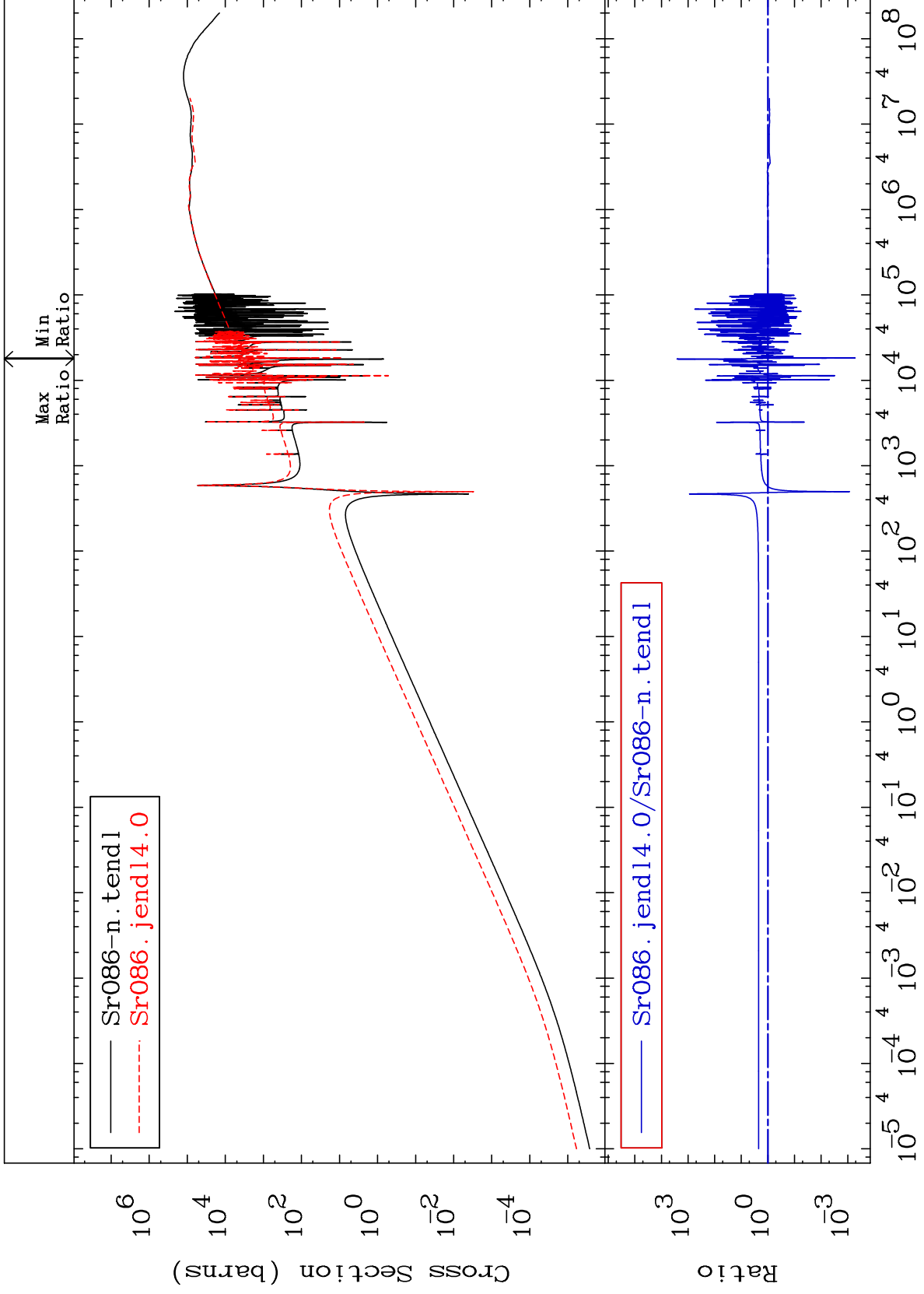
38-Sr-86

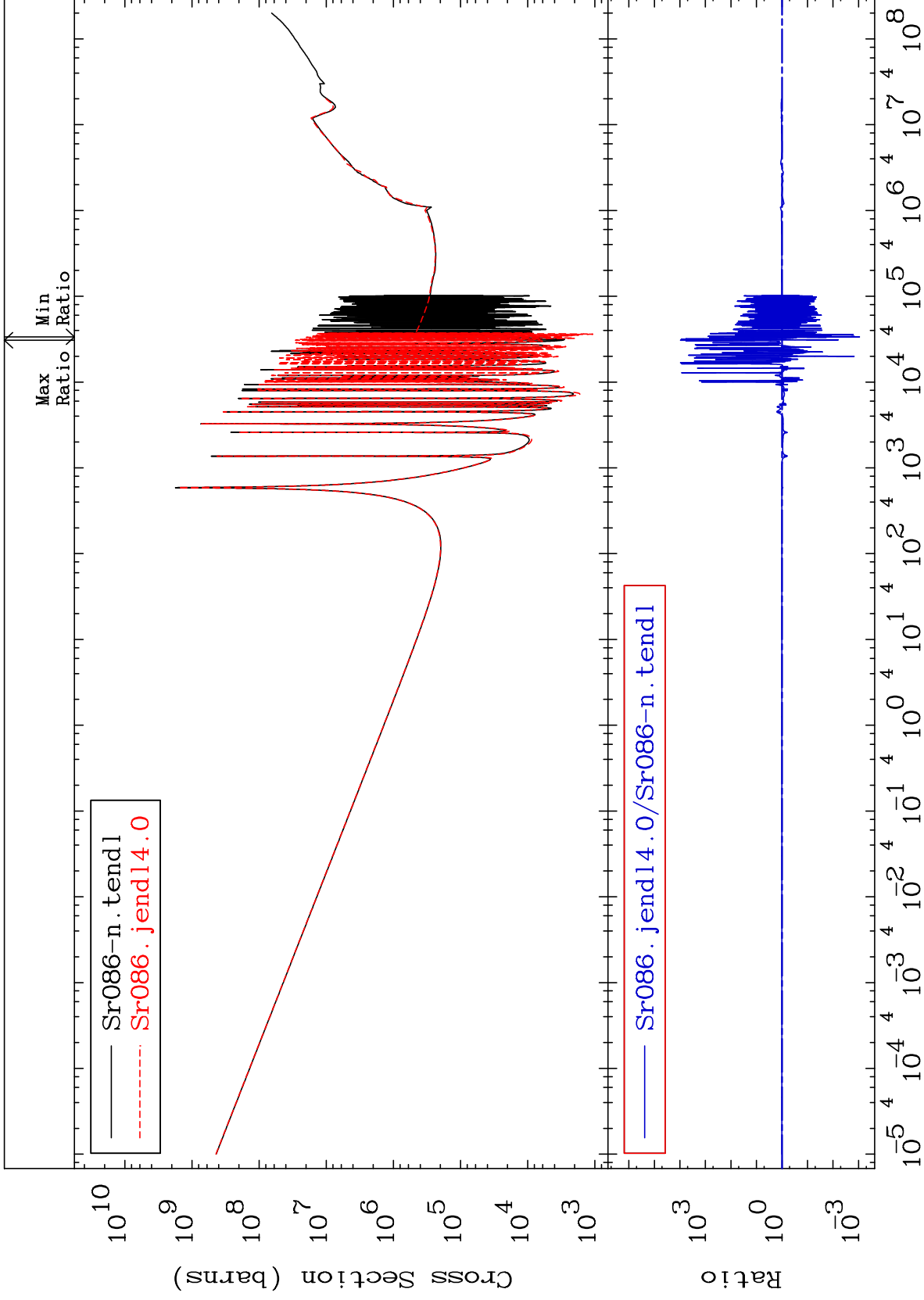


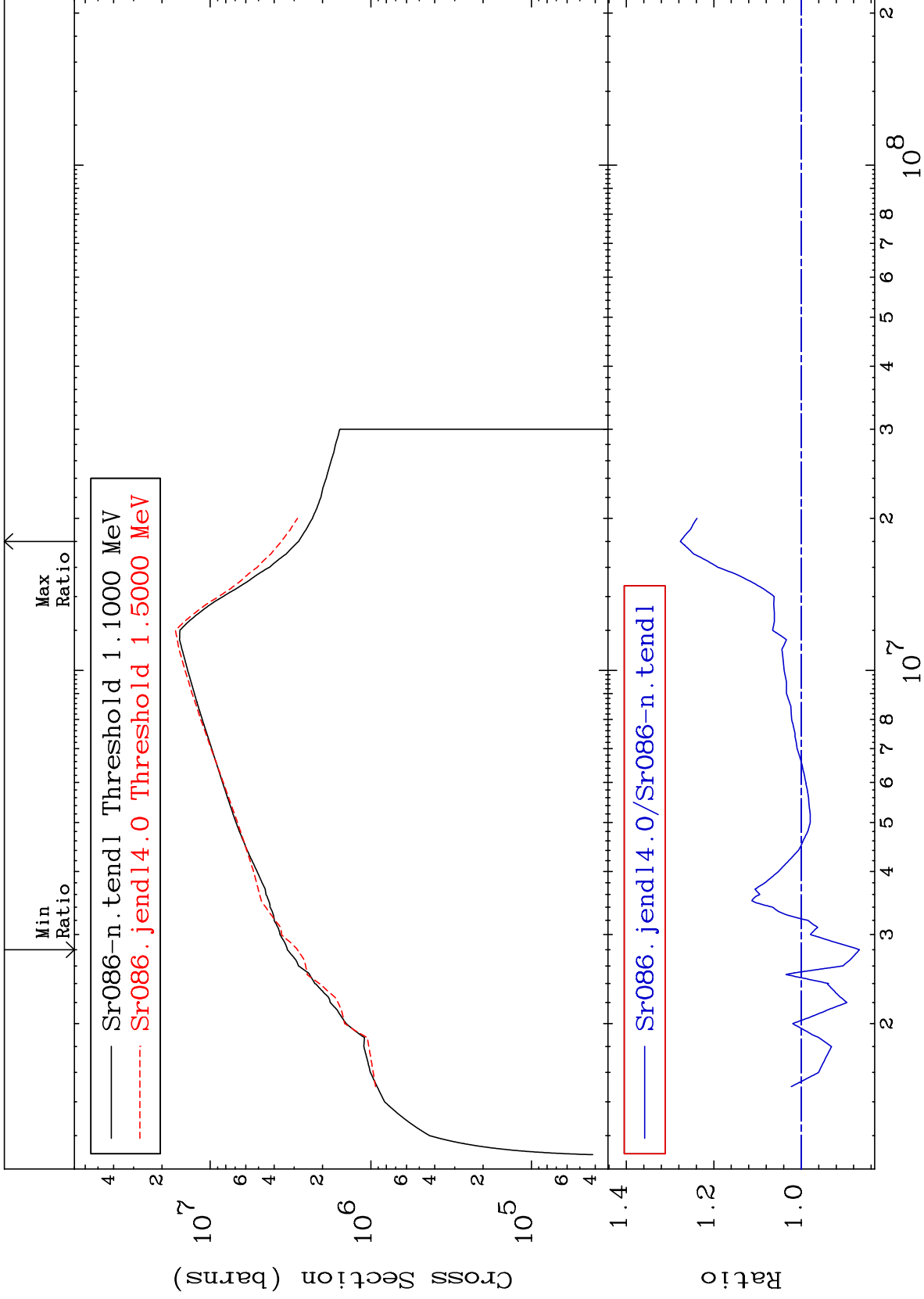
MAT 3831

Kerma elastic
Cross Section

38-Sr-86
-99.95 To 9999. %



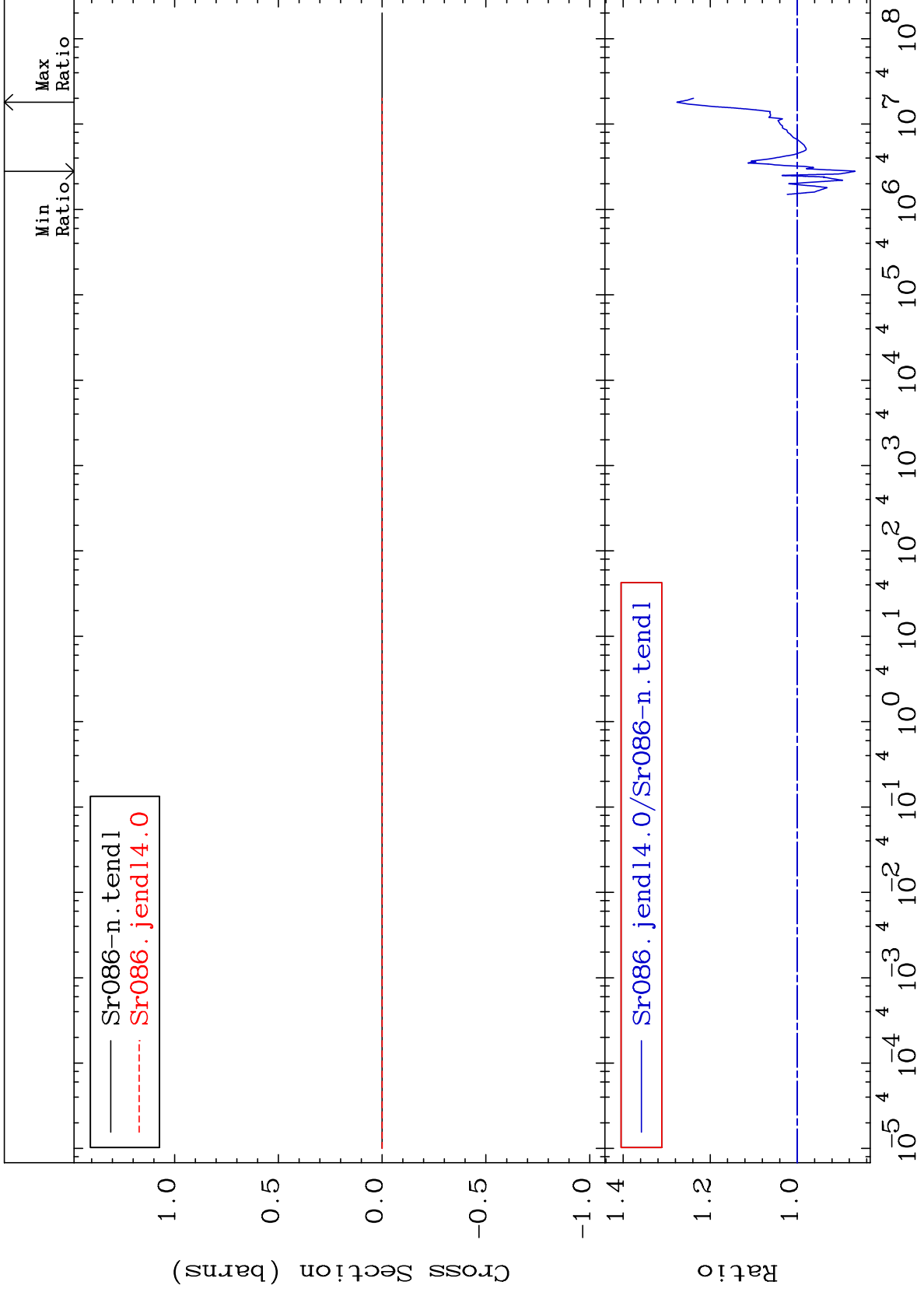




MAT 3831

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

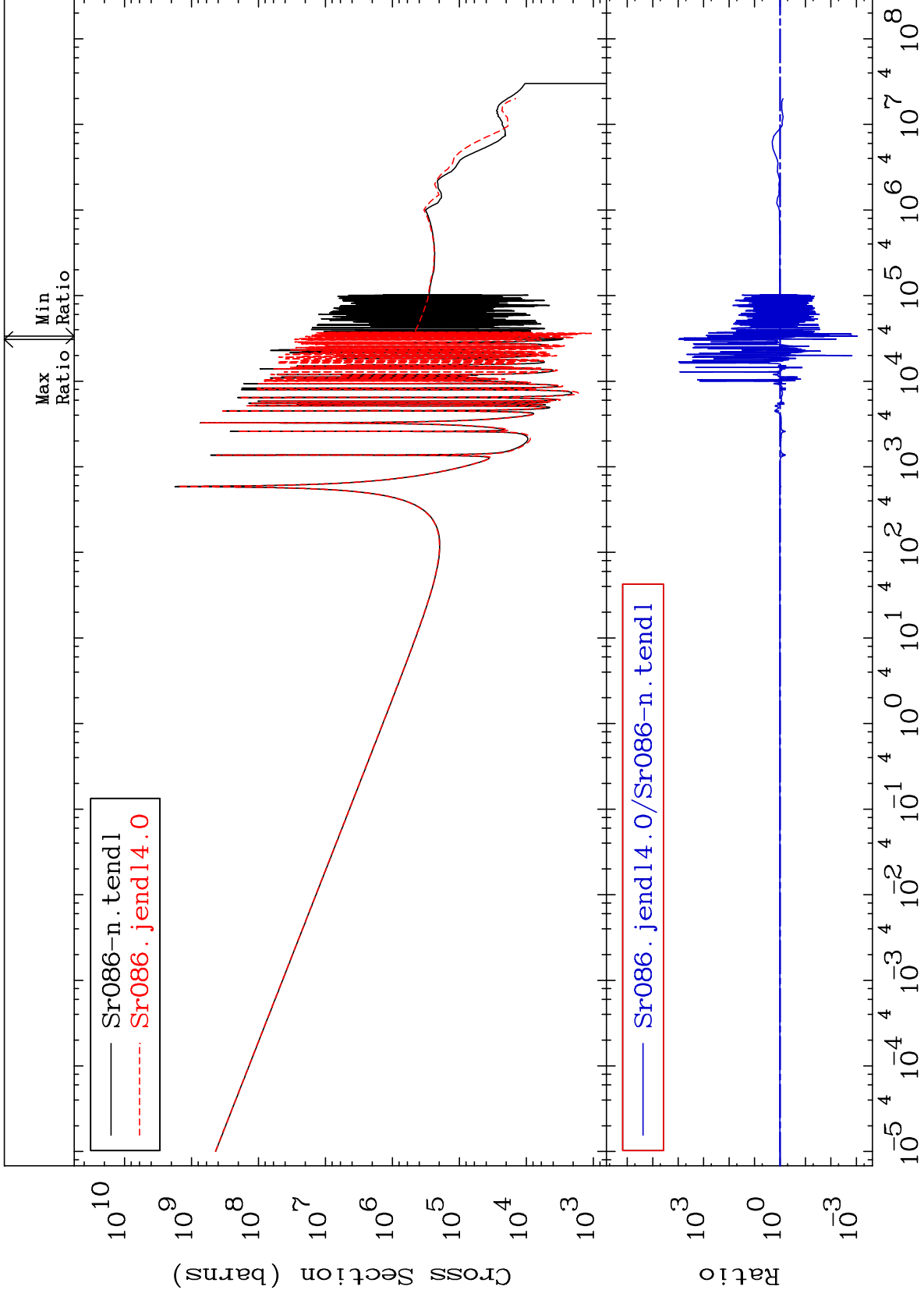
38-Sr-86
-13.32 To 27.65 %

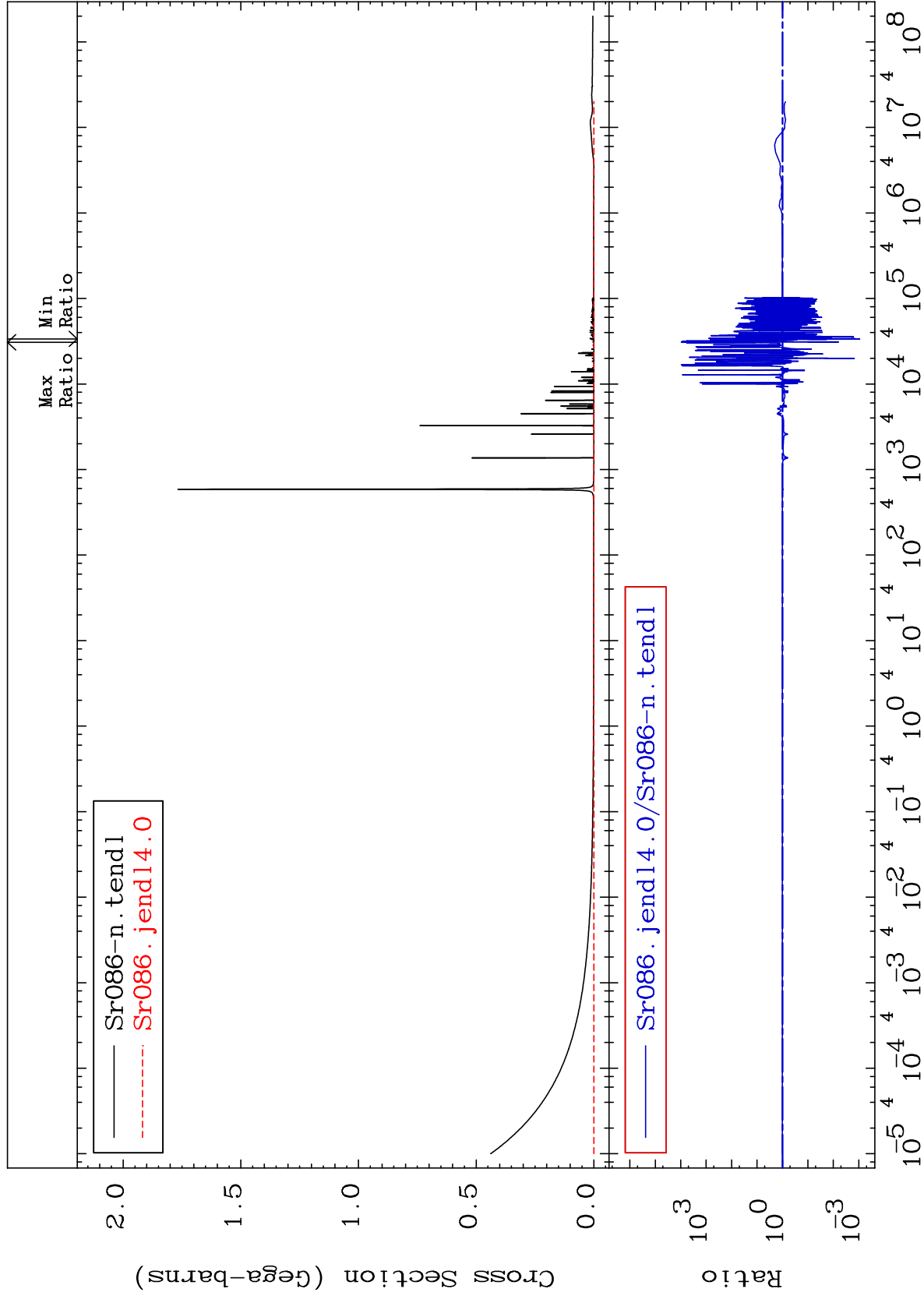


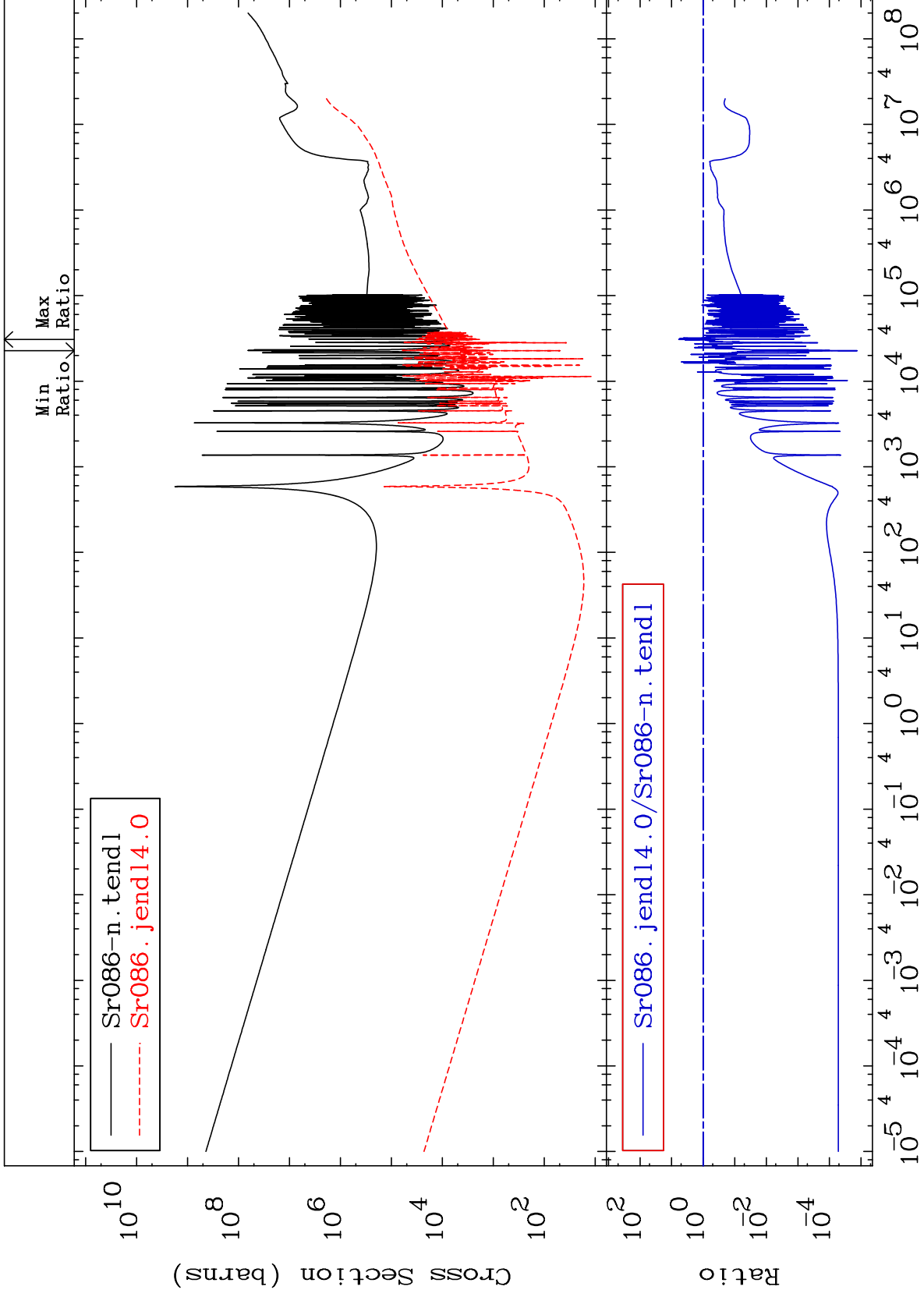
40

Incident Energy (eV)

38-Sr-86



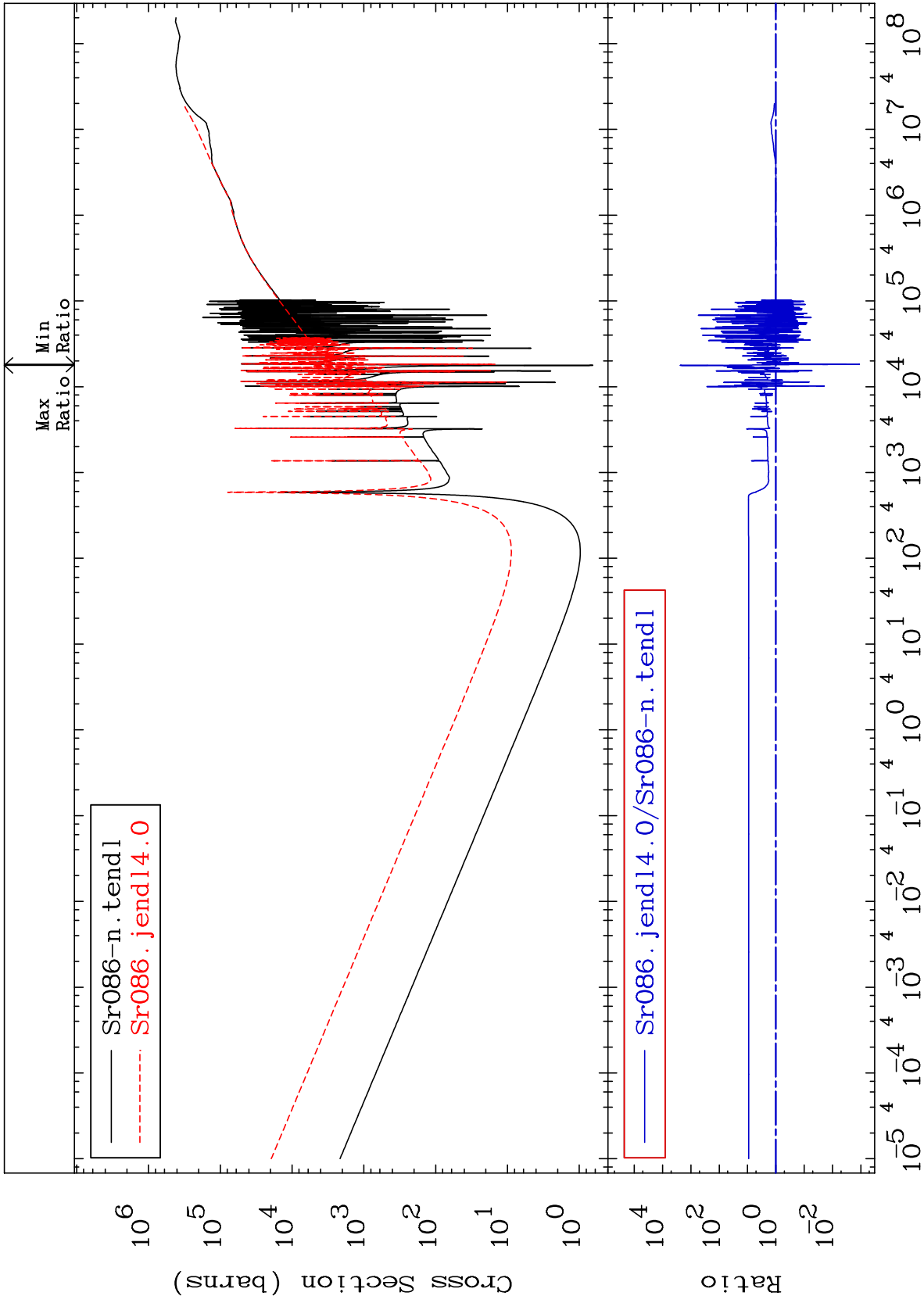


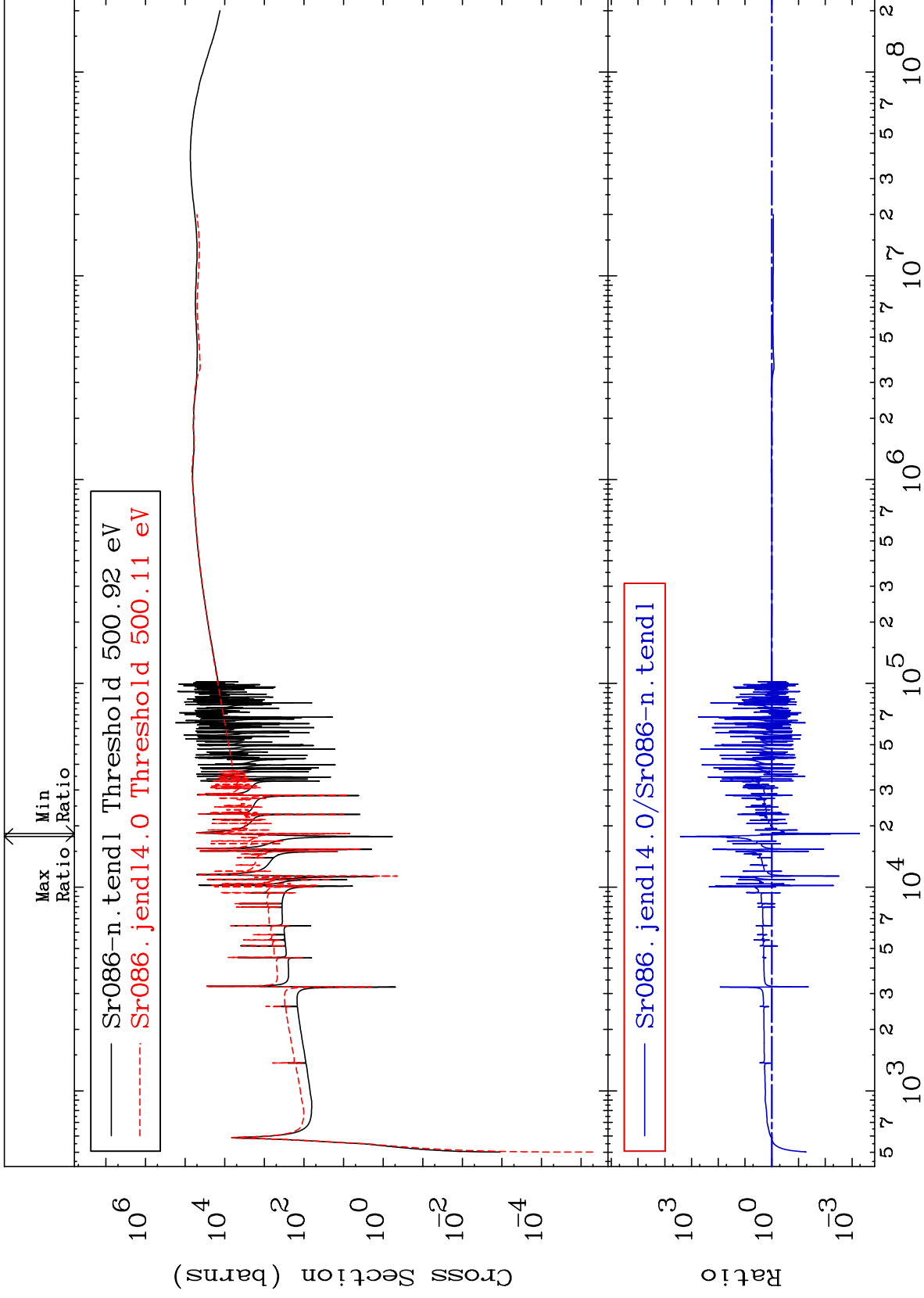


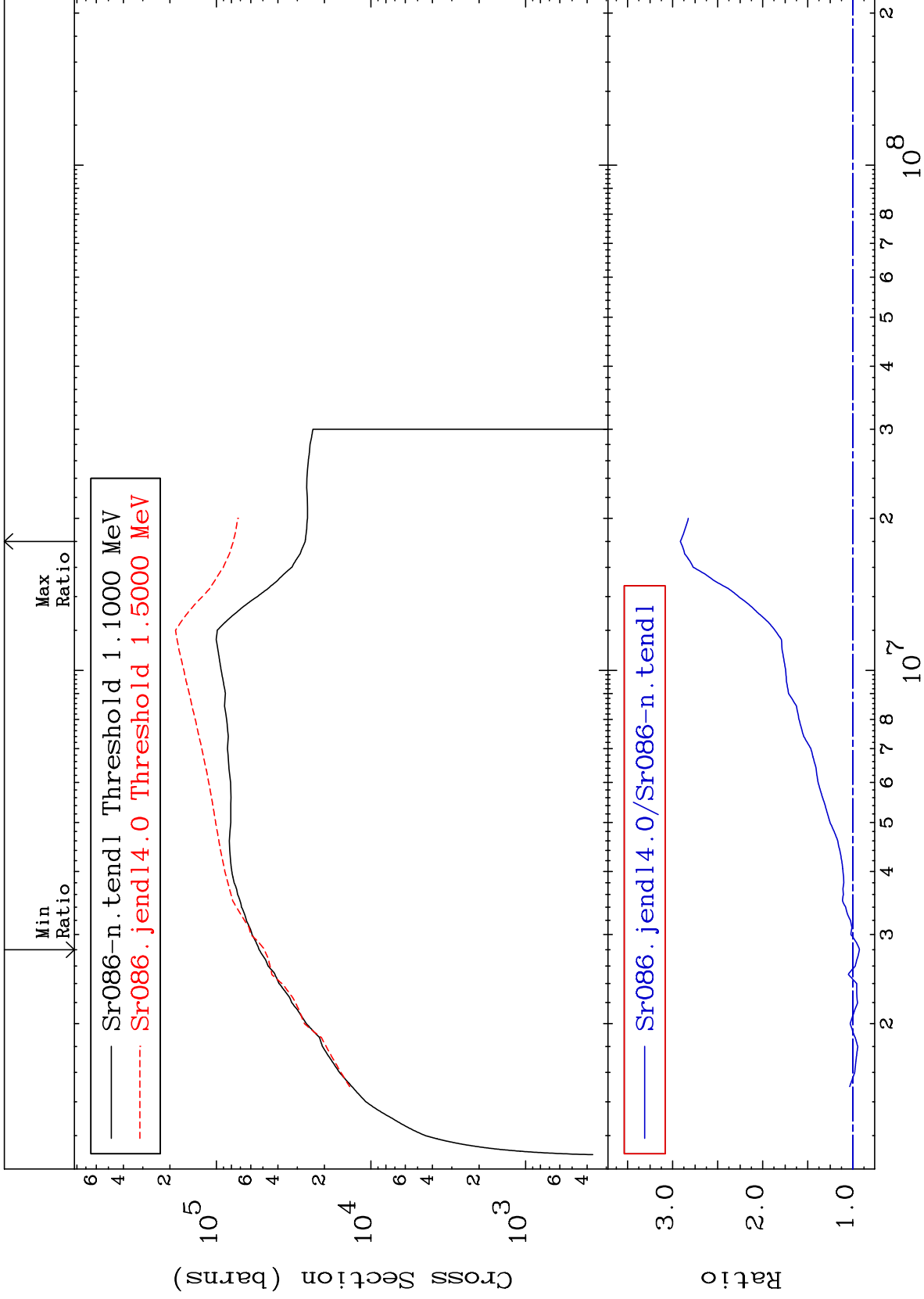
MAT 3831

Dpa total (eV-barns)
Cross Section

38-Sr-86
-99.89 To 9999. %



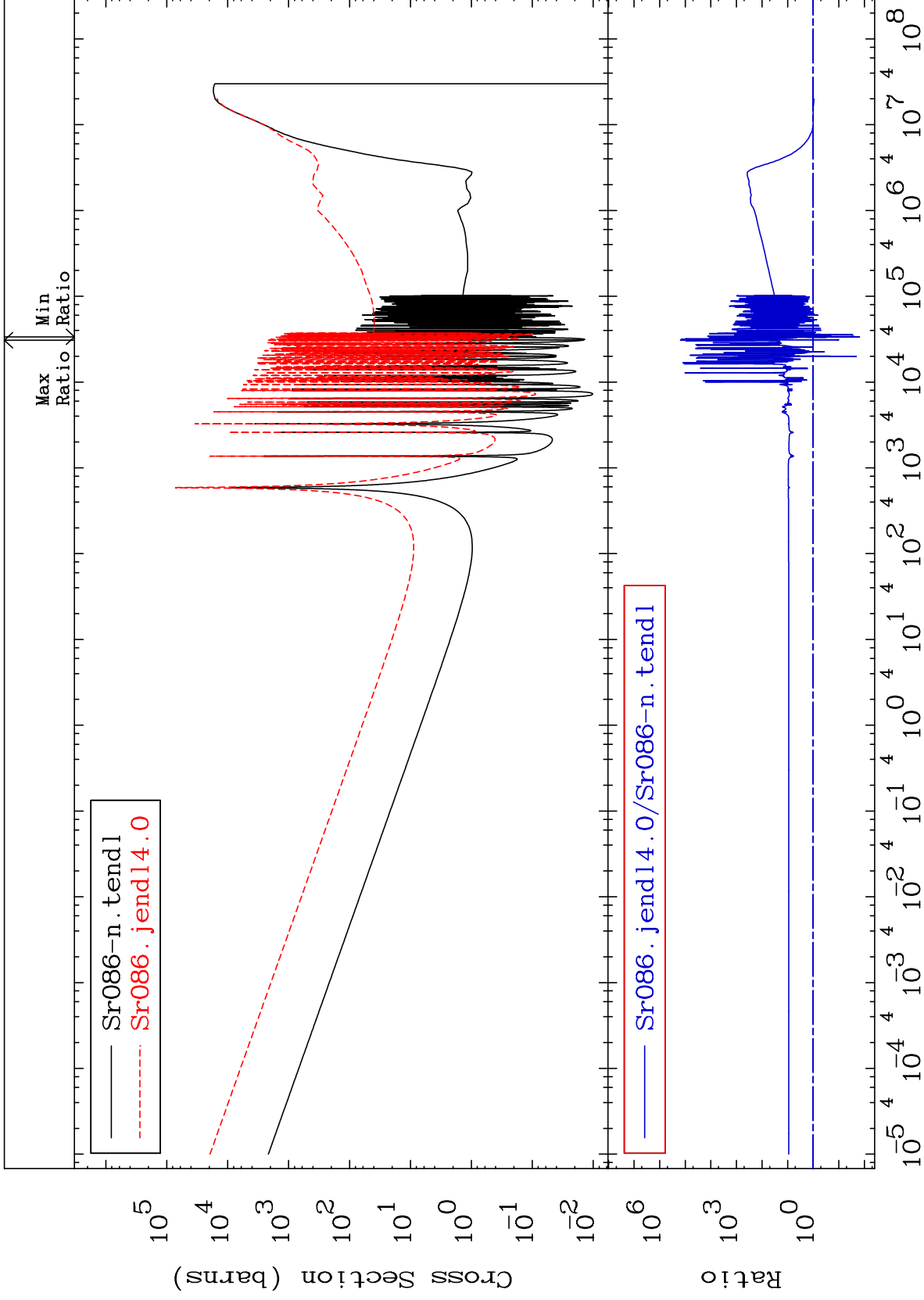




MAT 3831

Dpa disappearance (mt102 -120)
Cross Section

38-Sr-86
-98.44 To 9999. %



47

Incident Energy (eV)

38-Sr-86