

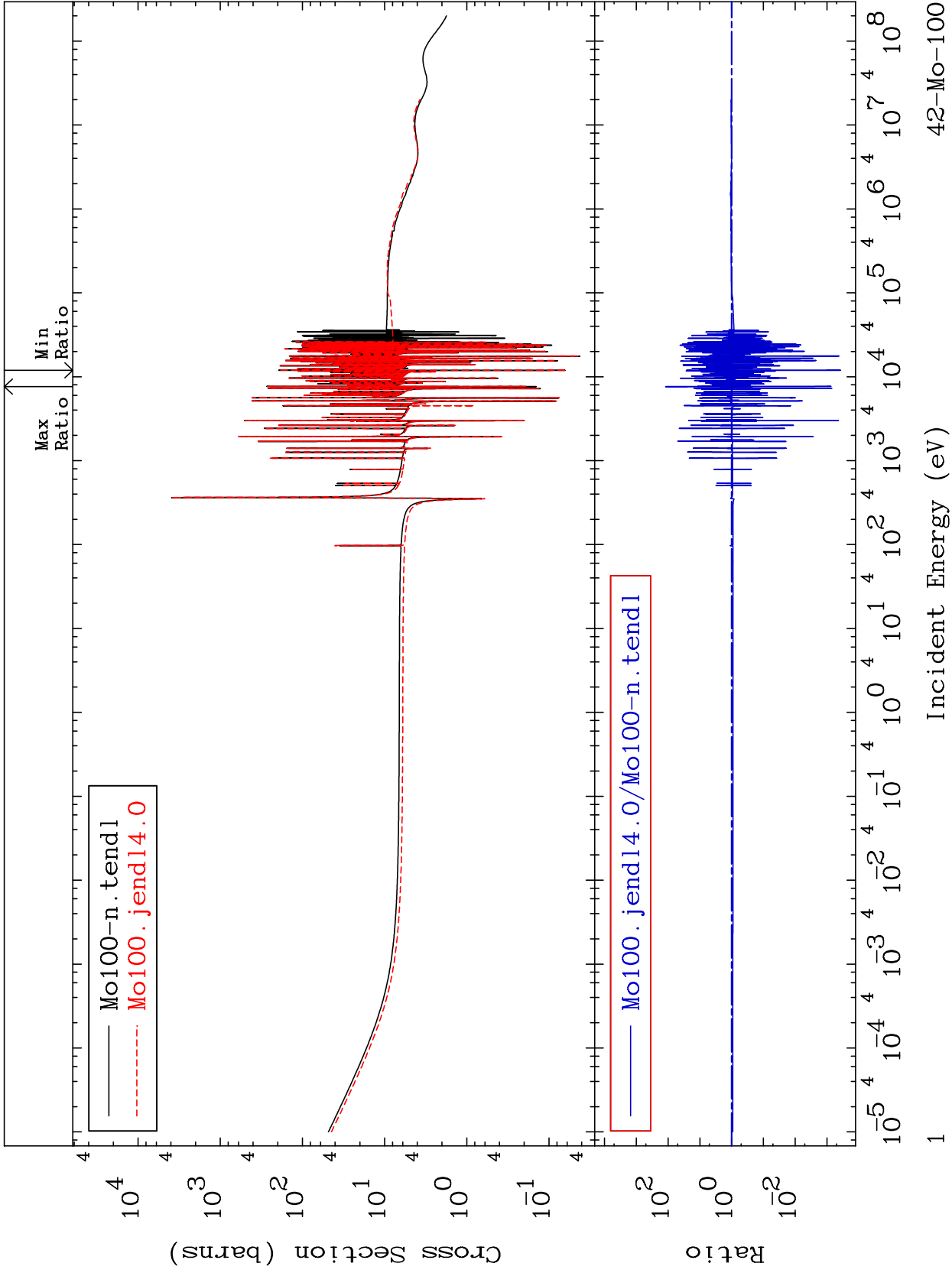
MAT 4249

Total

42-Mo-100

Cross Section

-99.96 To 9999. %



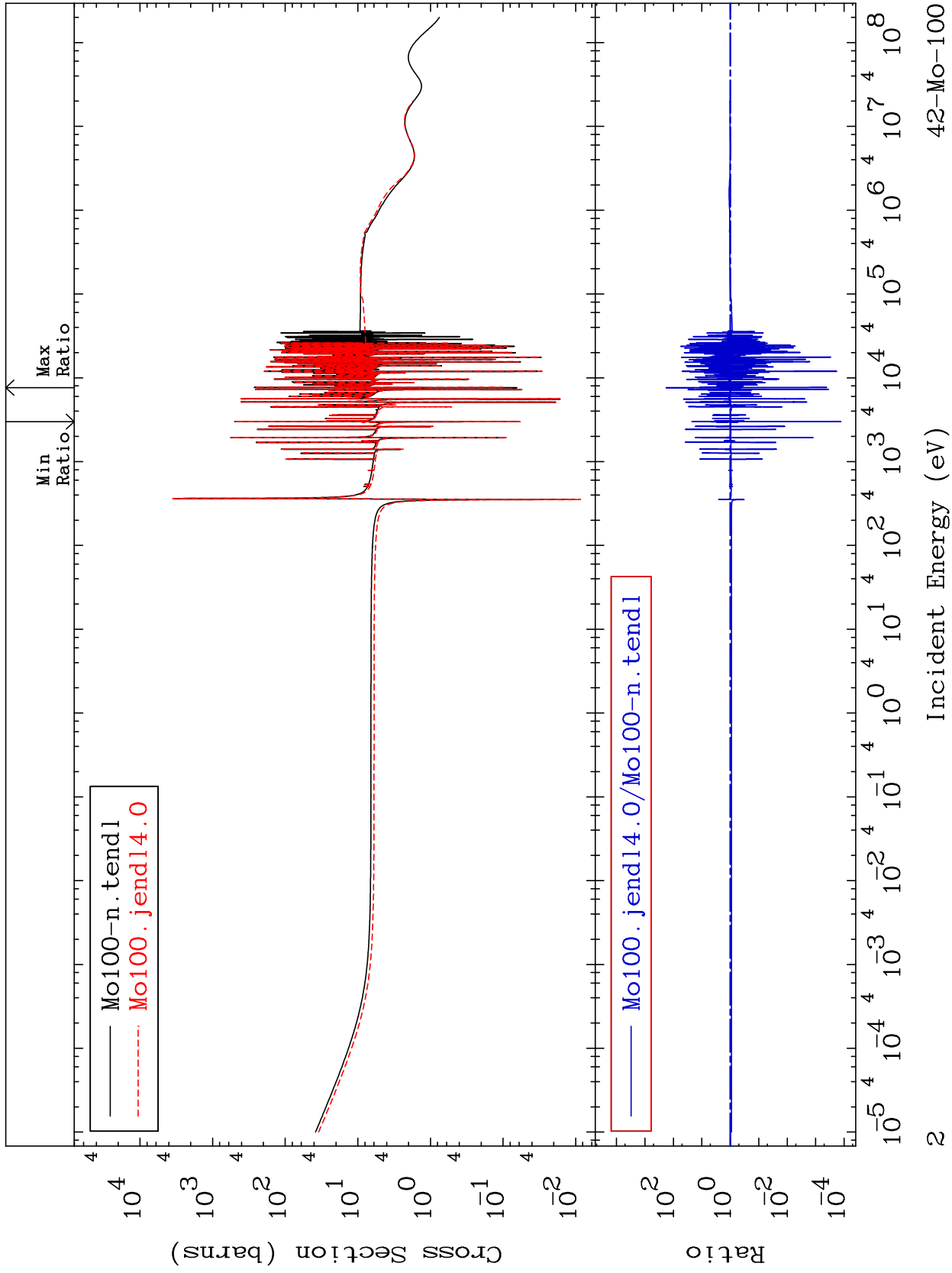
Incident Energy (eV)

42-Mo-100

MAT 4249

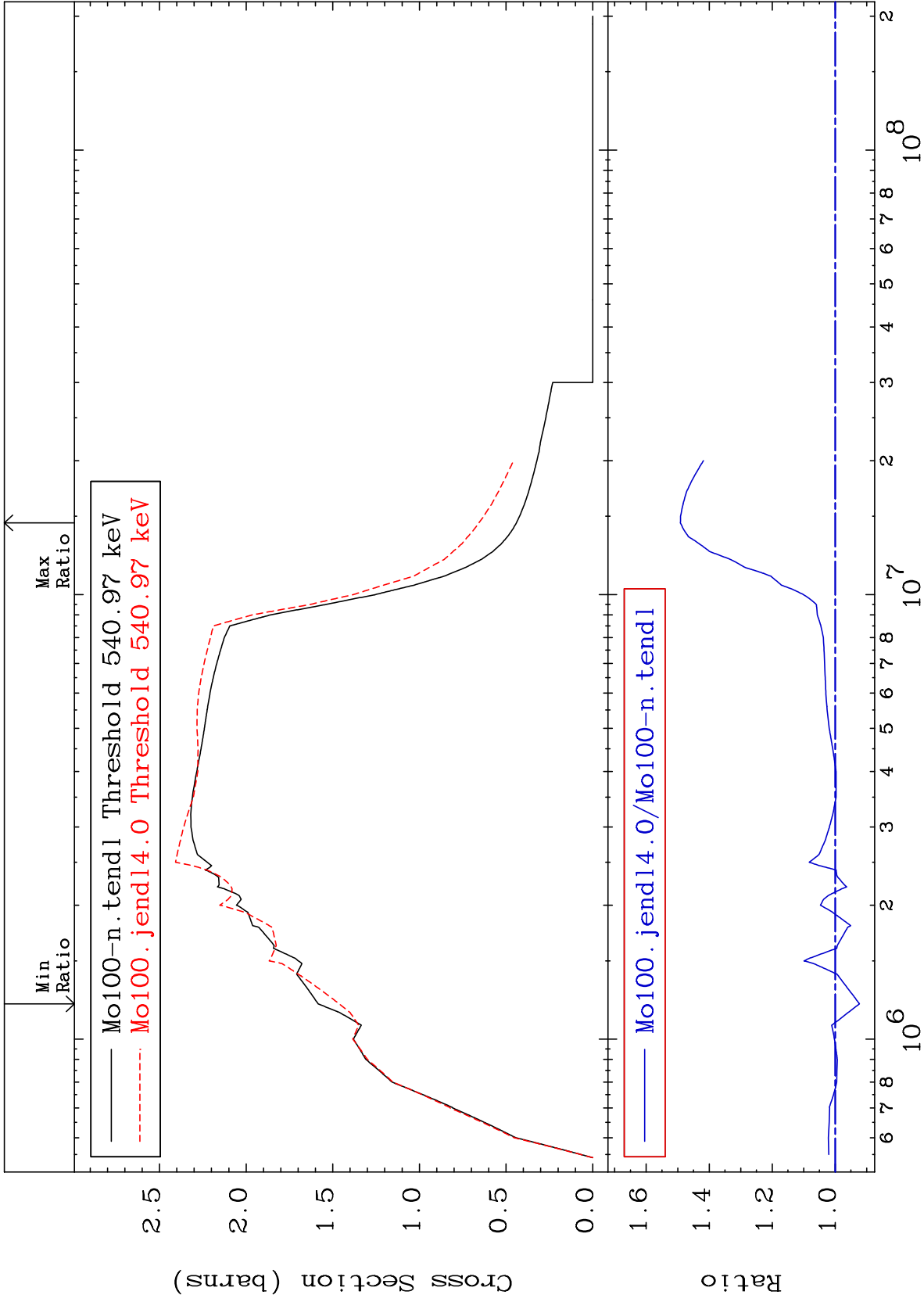
Elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



MAT 4249

Inelastic Cross Section
42-Mo-100
-7.689 To 49.16 %



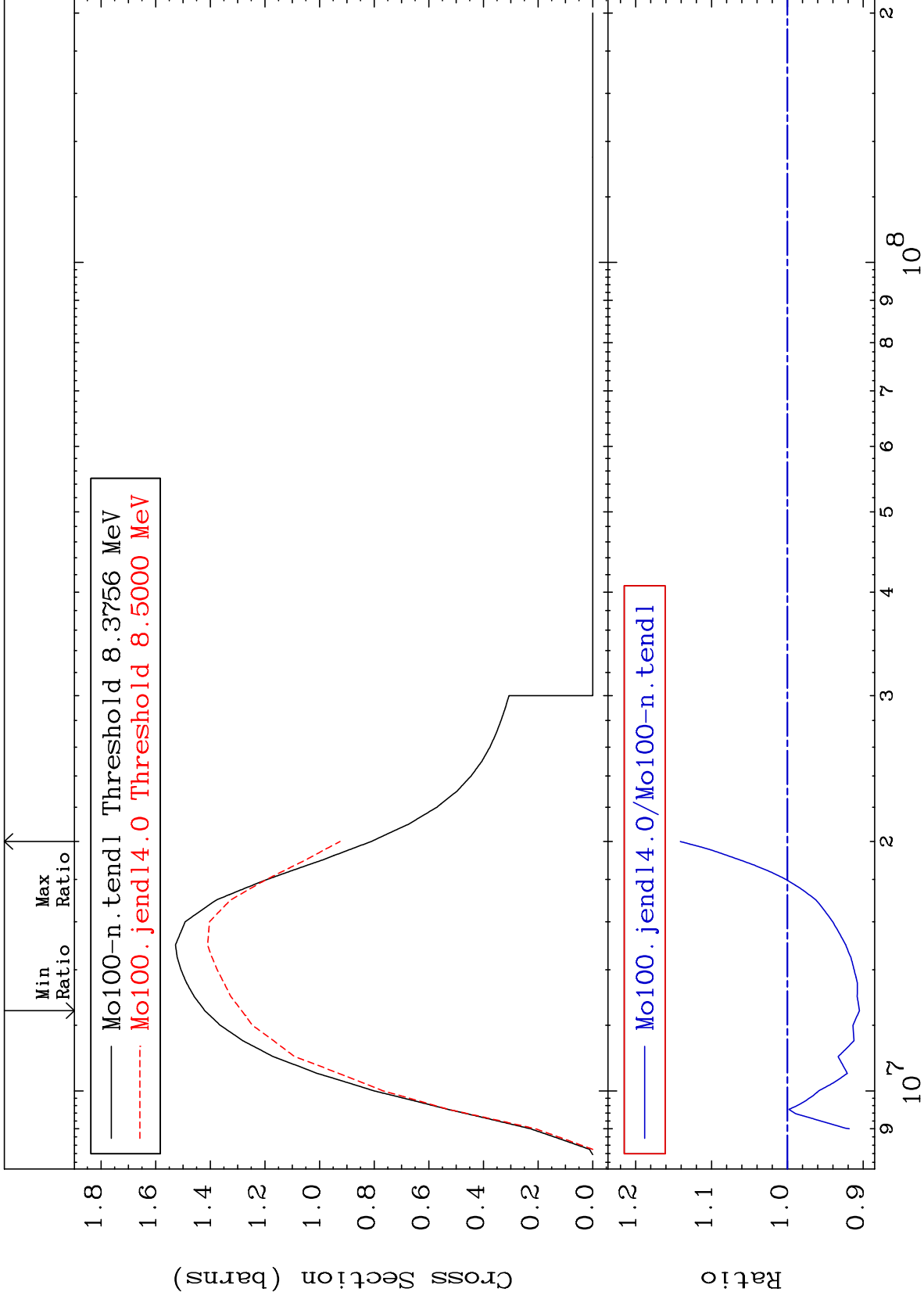
MAT 4249

(n,2n)

42-Mo-100

Cross Section

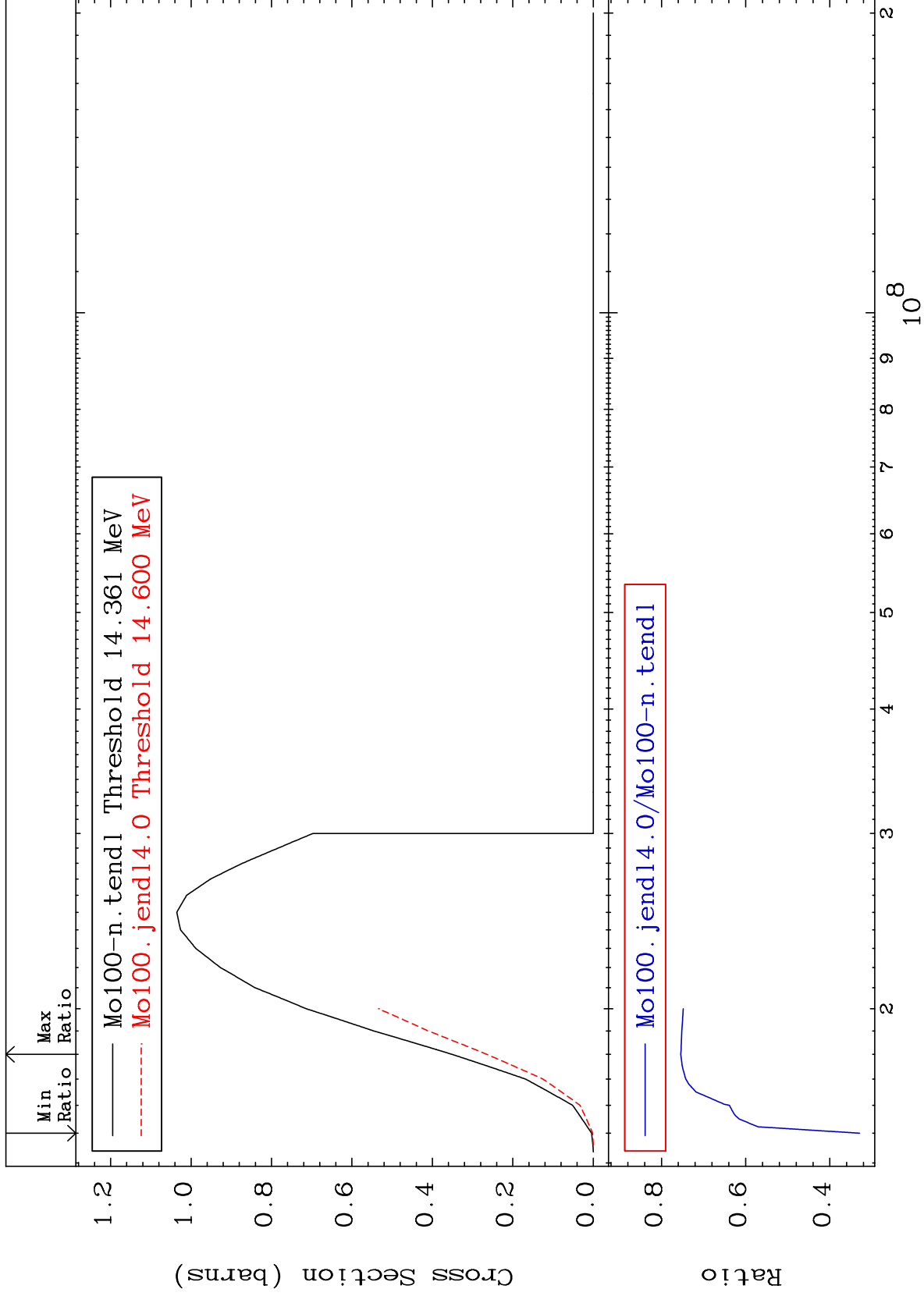
-9.494 To 14.10 %



4

Incident Energy (eV)

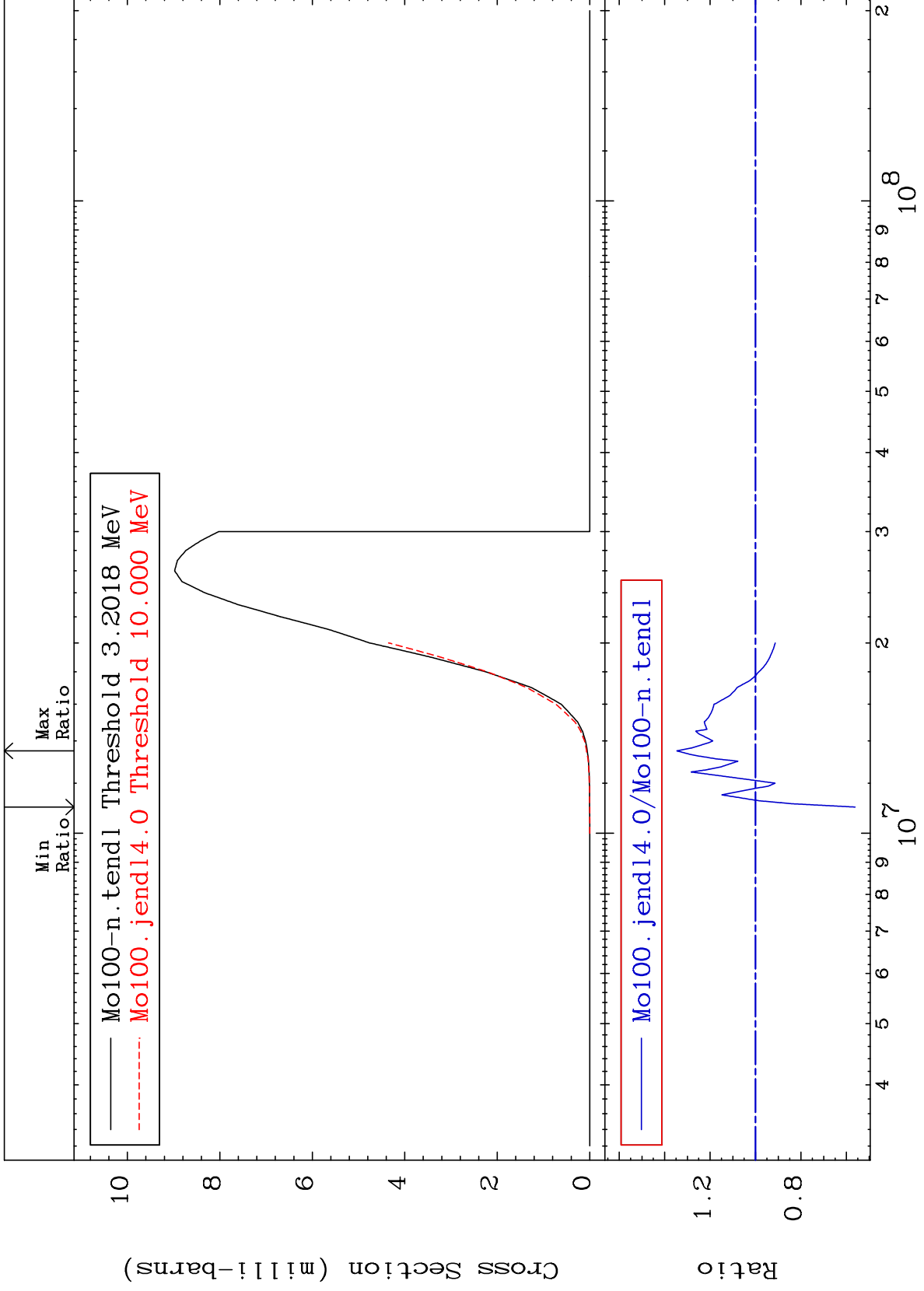
42-Mo-100



MAT 4249

(n, n') α
Cross Section

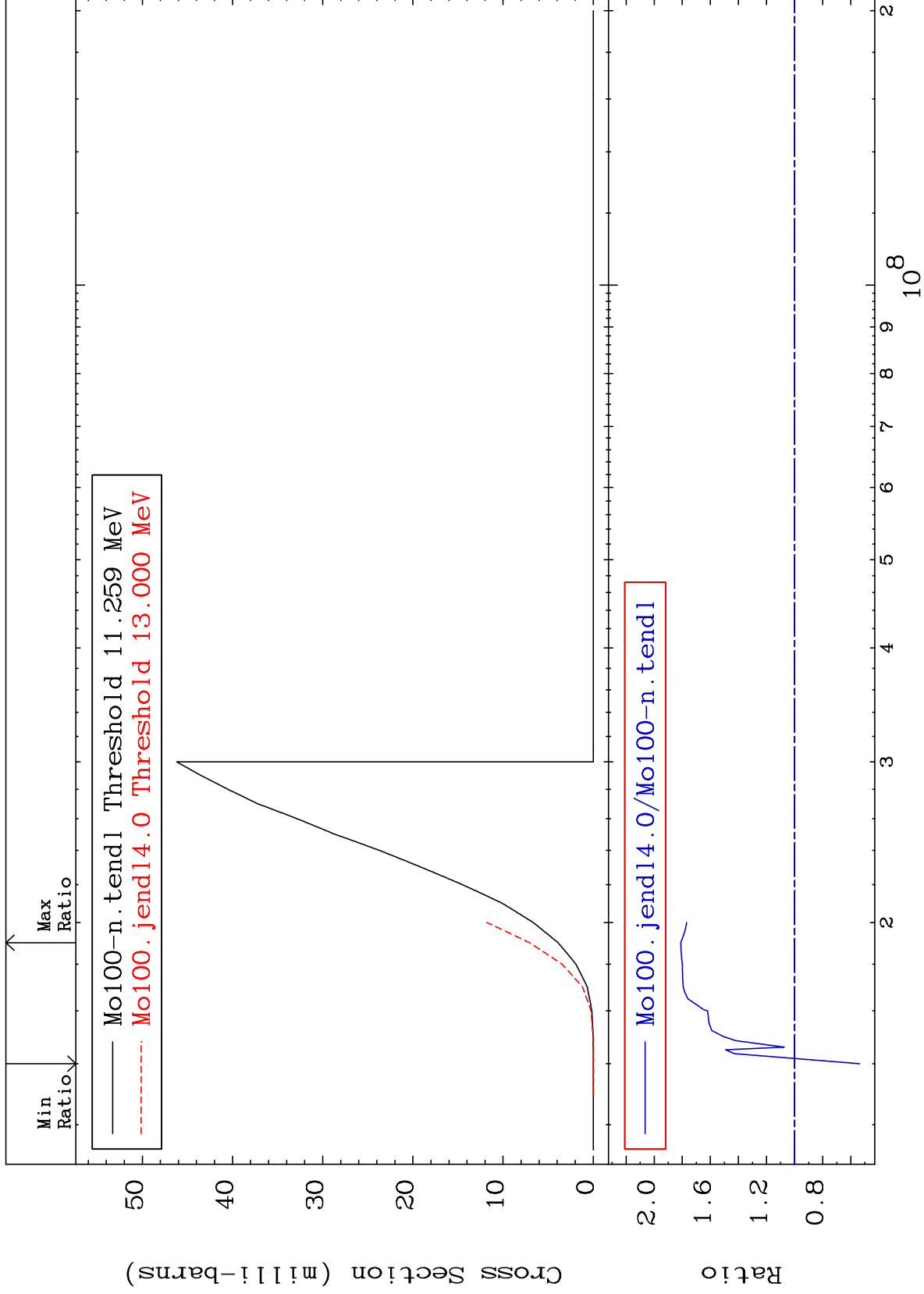
42-Mo-100
-43.80 To 34.61 %



6

Incident Energy (eV)

42-Mo-100



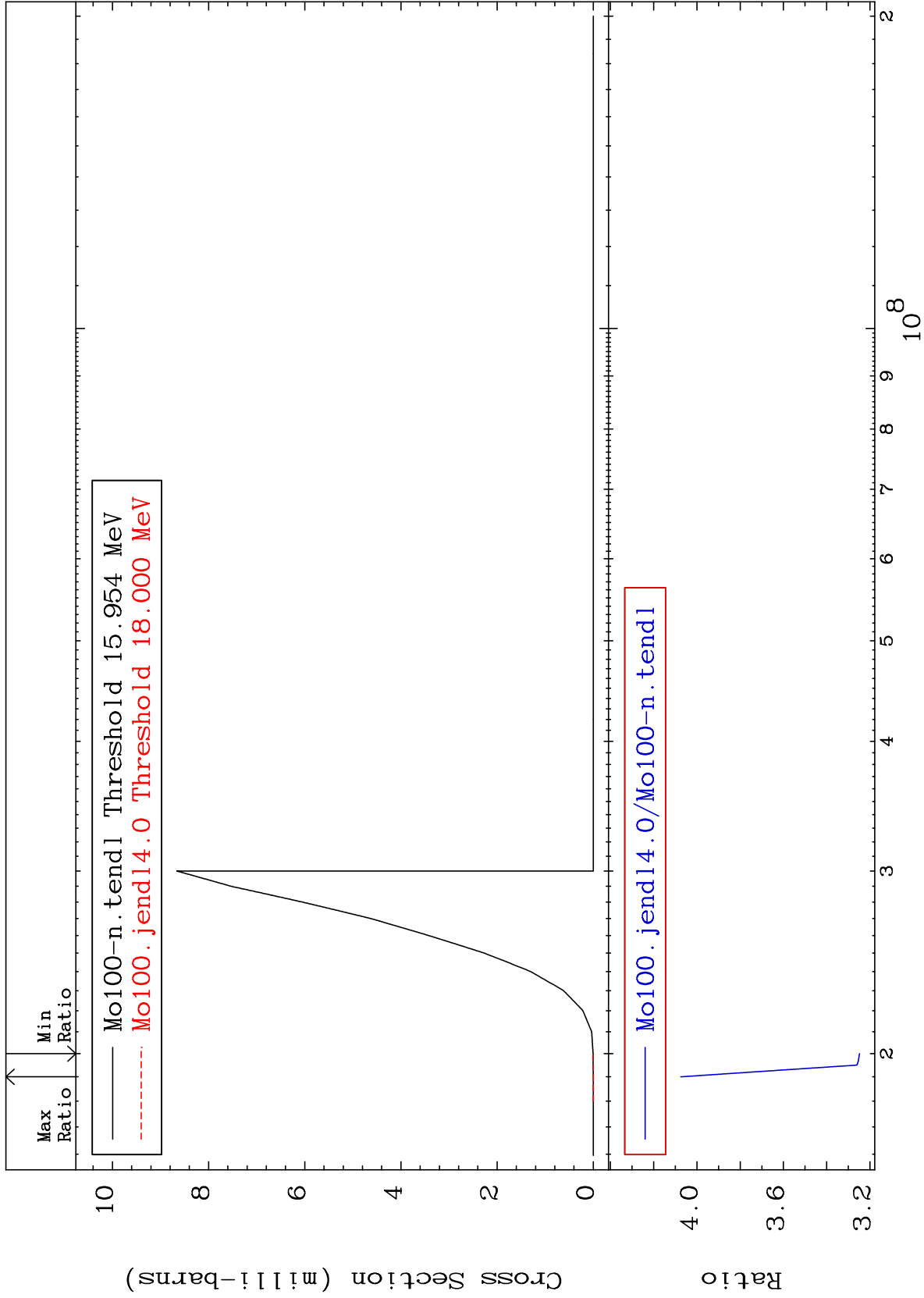
MAT 4249

(n, n') d

42-Mo-100

Cross Section

224.8 To 307.5 %



8

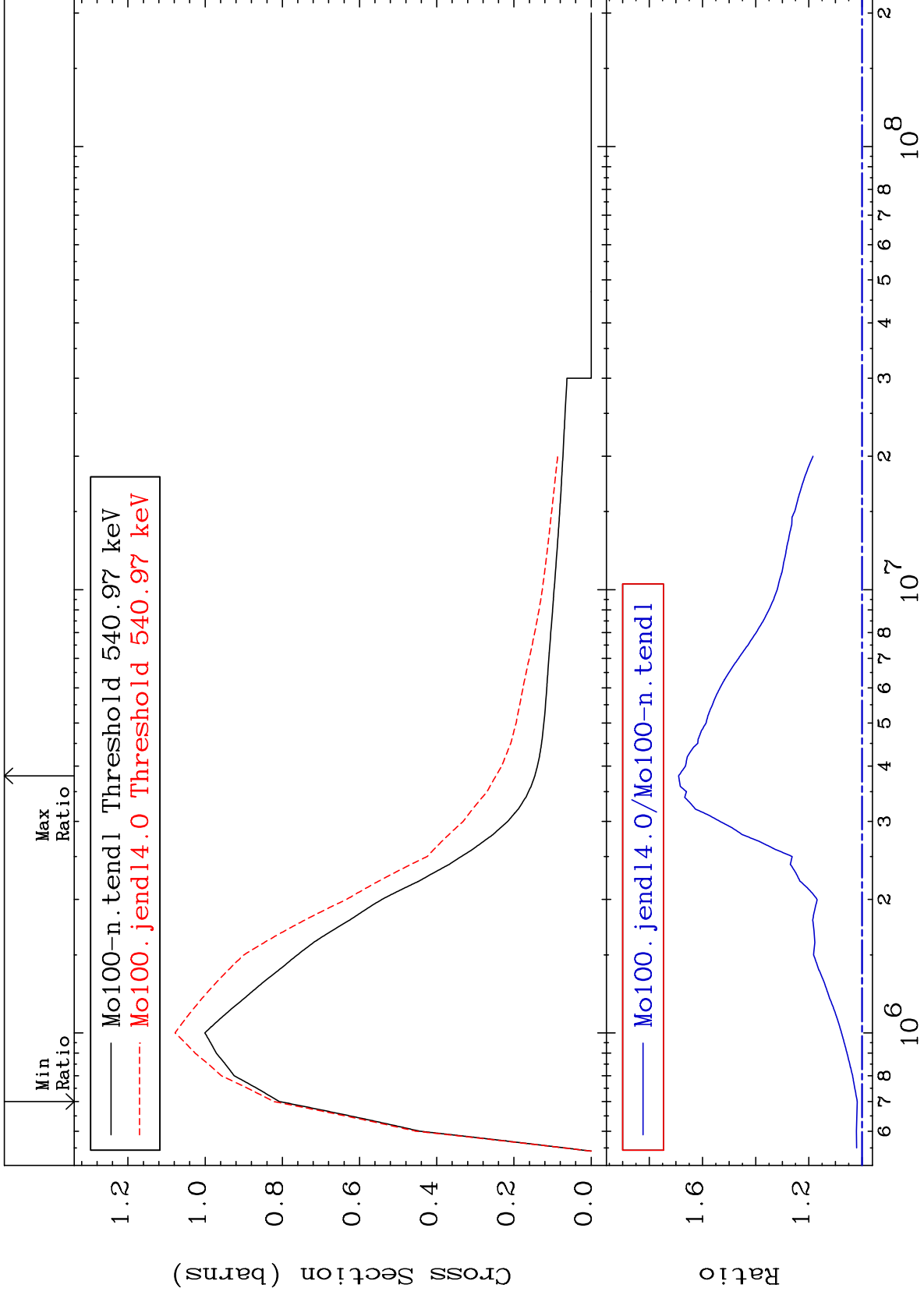
Incident Energy (eV)

42-Mo-100

MAT 4249

535.6 keV (n,n') Level
Cross Section

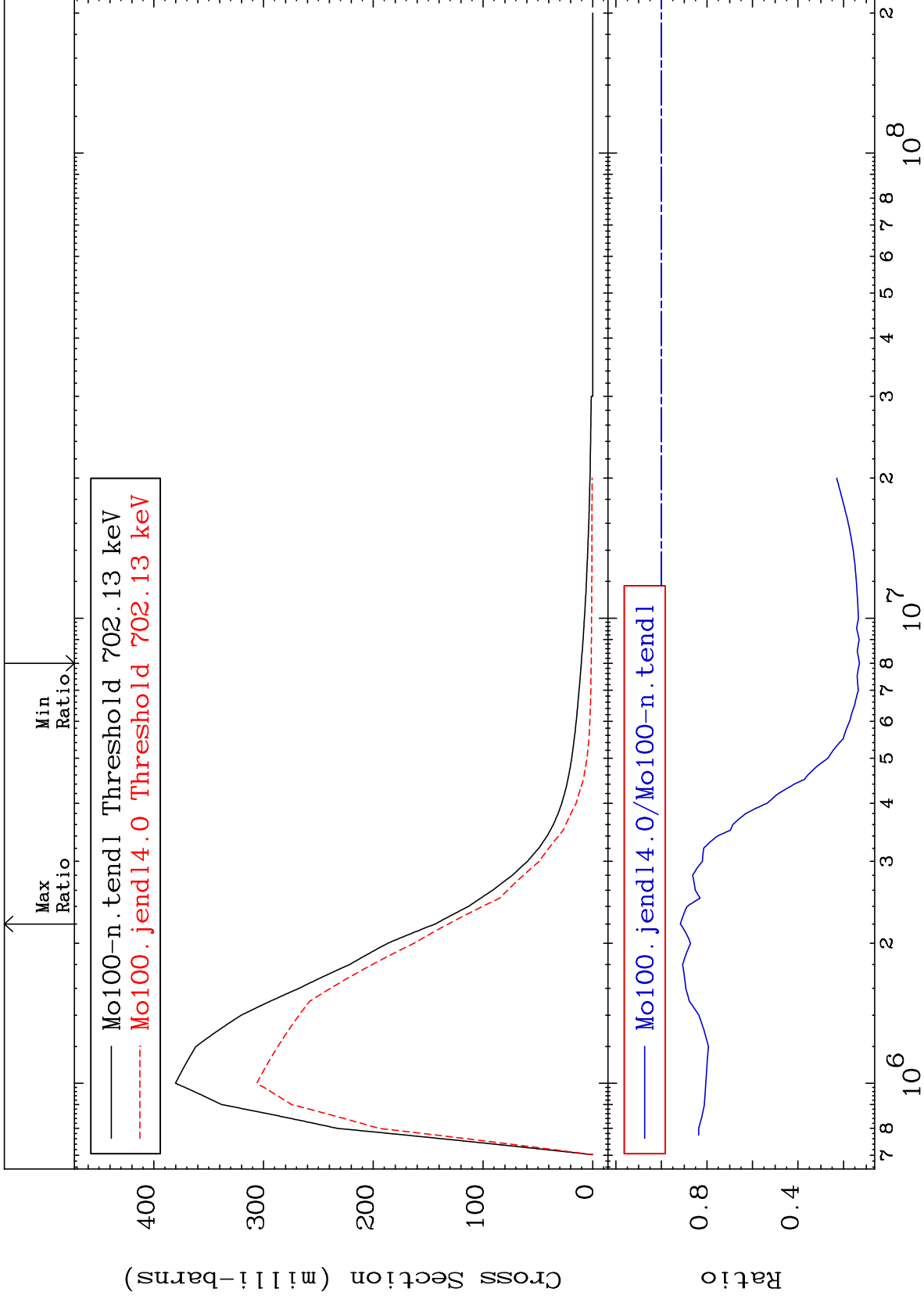
1.811 To 68.97 %
42-Mo-100



MAT 4249

695.1 keV (n,n') Level
Cross Section

42-Mo-100
-86.99 To -8.321%



Incident Energy (eV)

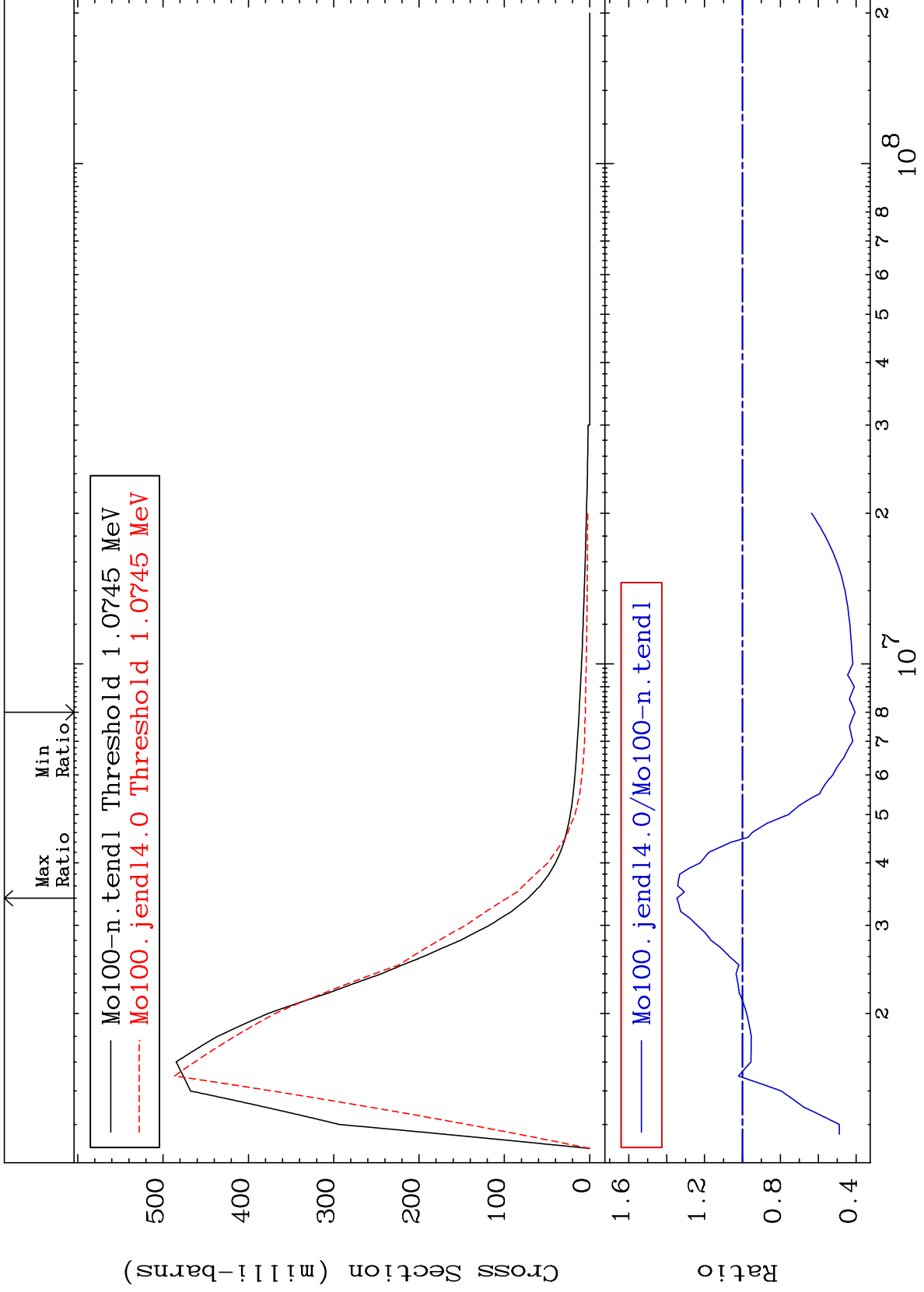
10

42-Mo-100

MAT 4249

1.064 MeV (n,n') Level
Cross Section

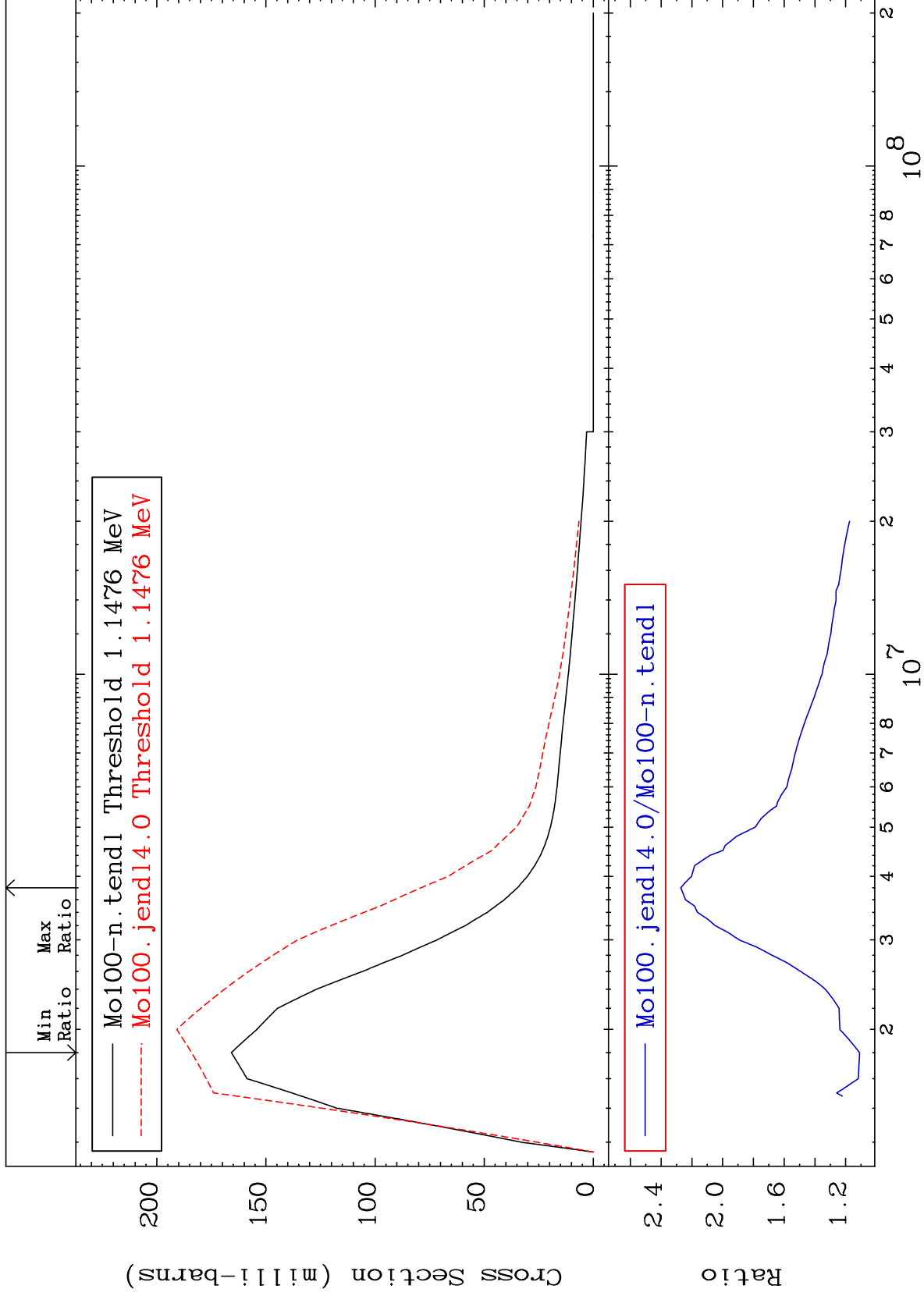
42-Mo-100
-59.41 To 34.56 %



MAT 4249

1.136 MeV (n,n') Level
Cross Section

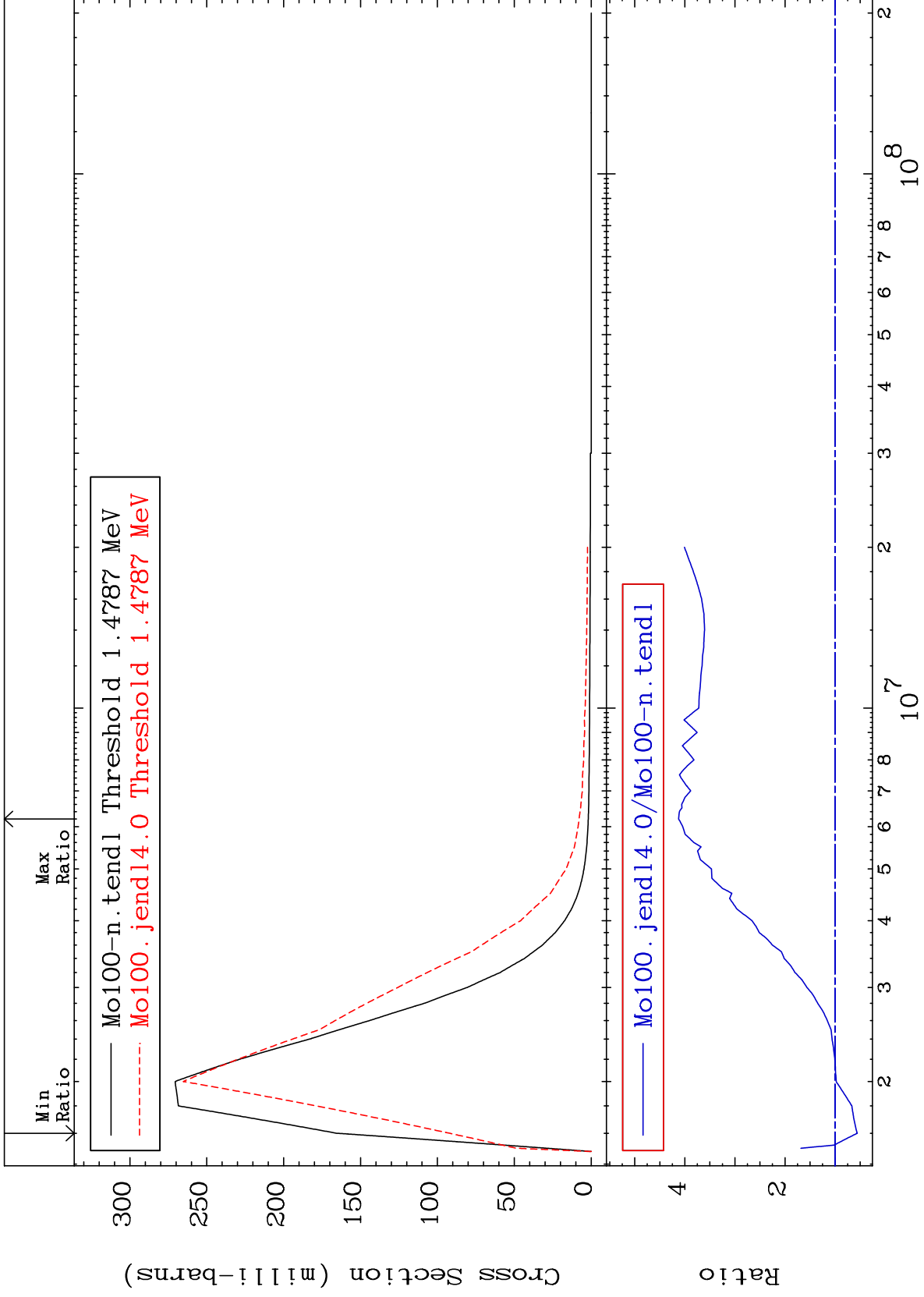
10.99 To 127.2 %
42-Mo-100



MAT 4249

1.464 MeV (n,n') Level
Cross Section

42-Mo-100
-44.29 To 312.3 %



13

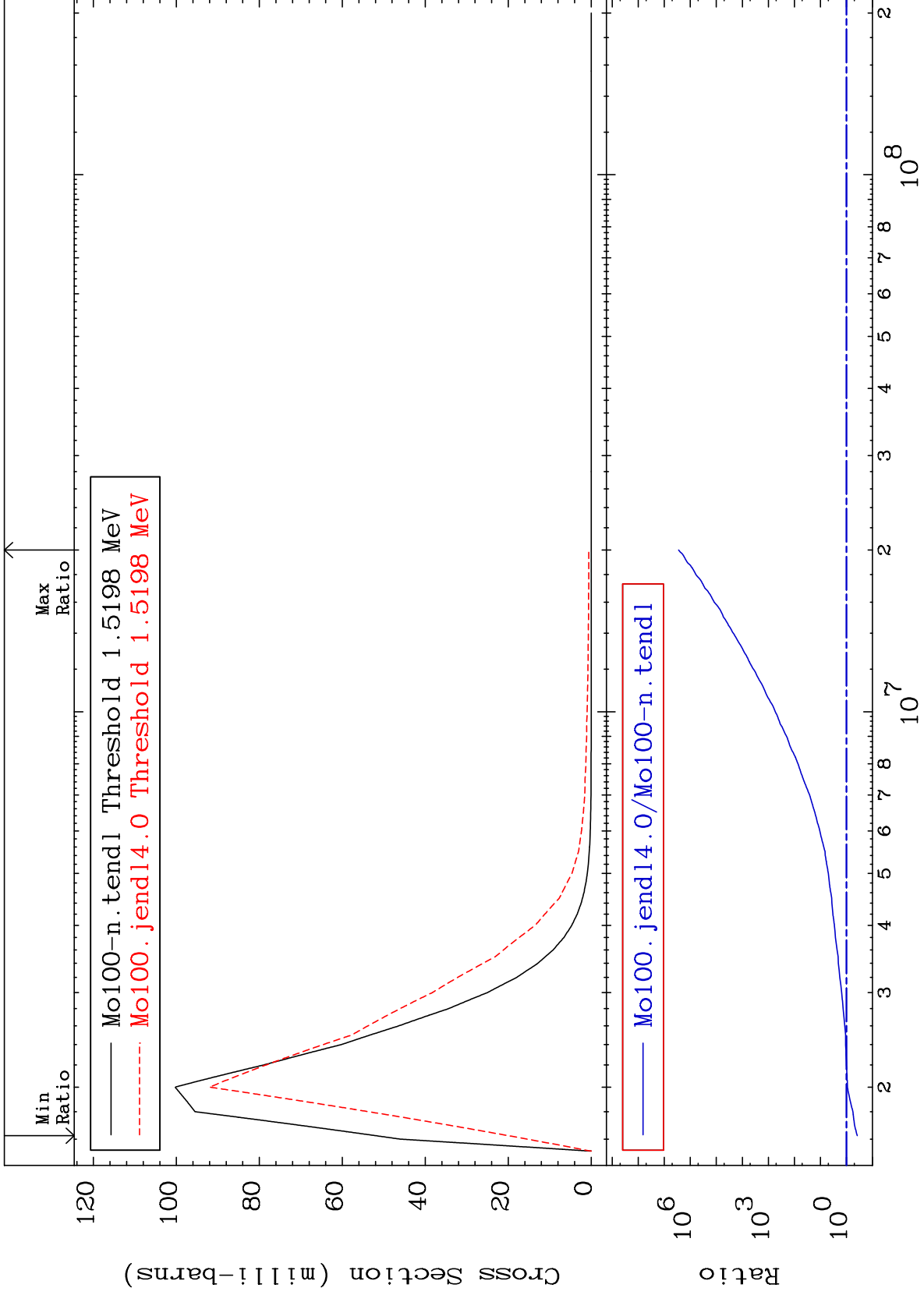
Incident Energy (eV)

42-Mo-100

MAT 4249

1.505 MeV (n,n') Level
Cross Section

42-Mo-100
-61.63 To 9999. %



14

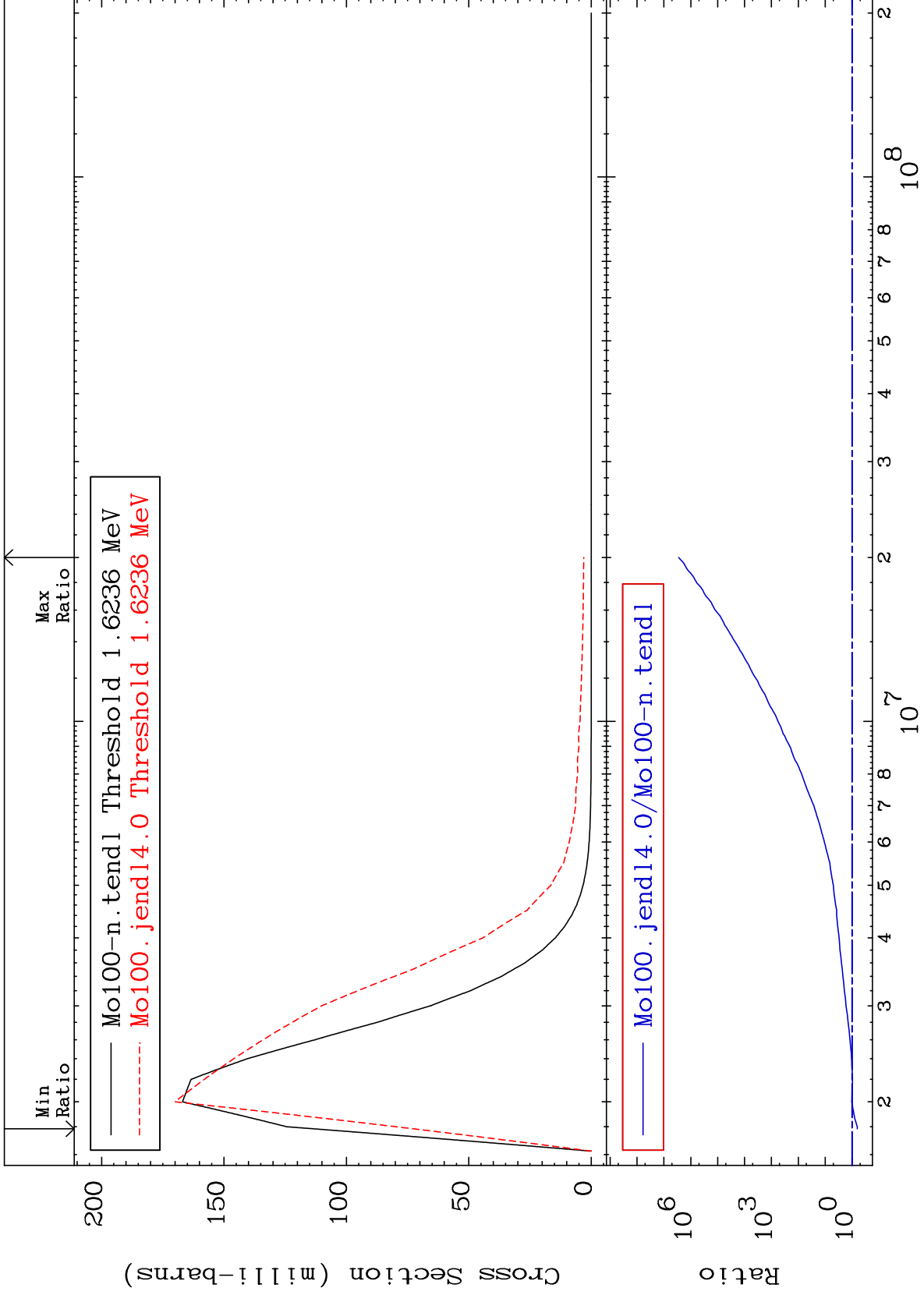
Incident Energy (eV)

42-Mo-100

MAT 4249

1.607 MeV (n,n') Level
Cross Section

42-Mo-100
-35.93 To 9999. %



15

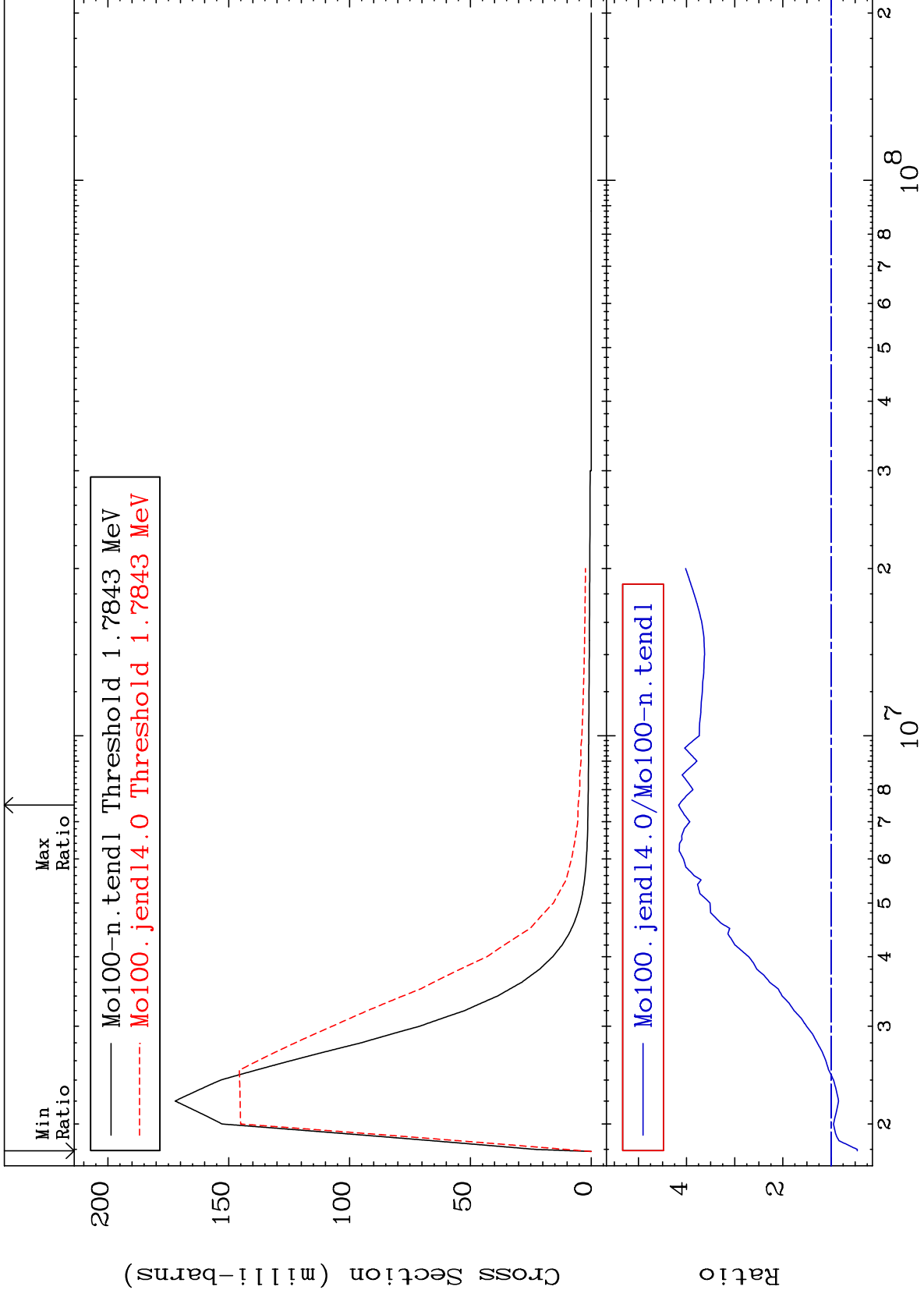
Incident Energy (eV)

42-Mo-100

MAT 4249

1.766 MeV (n,n') Level
Cross Section

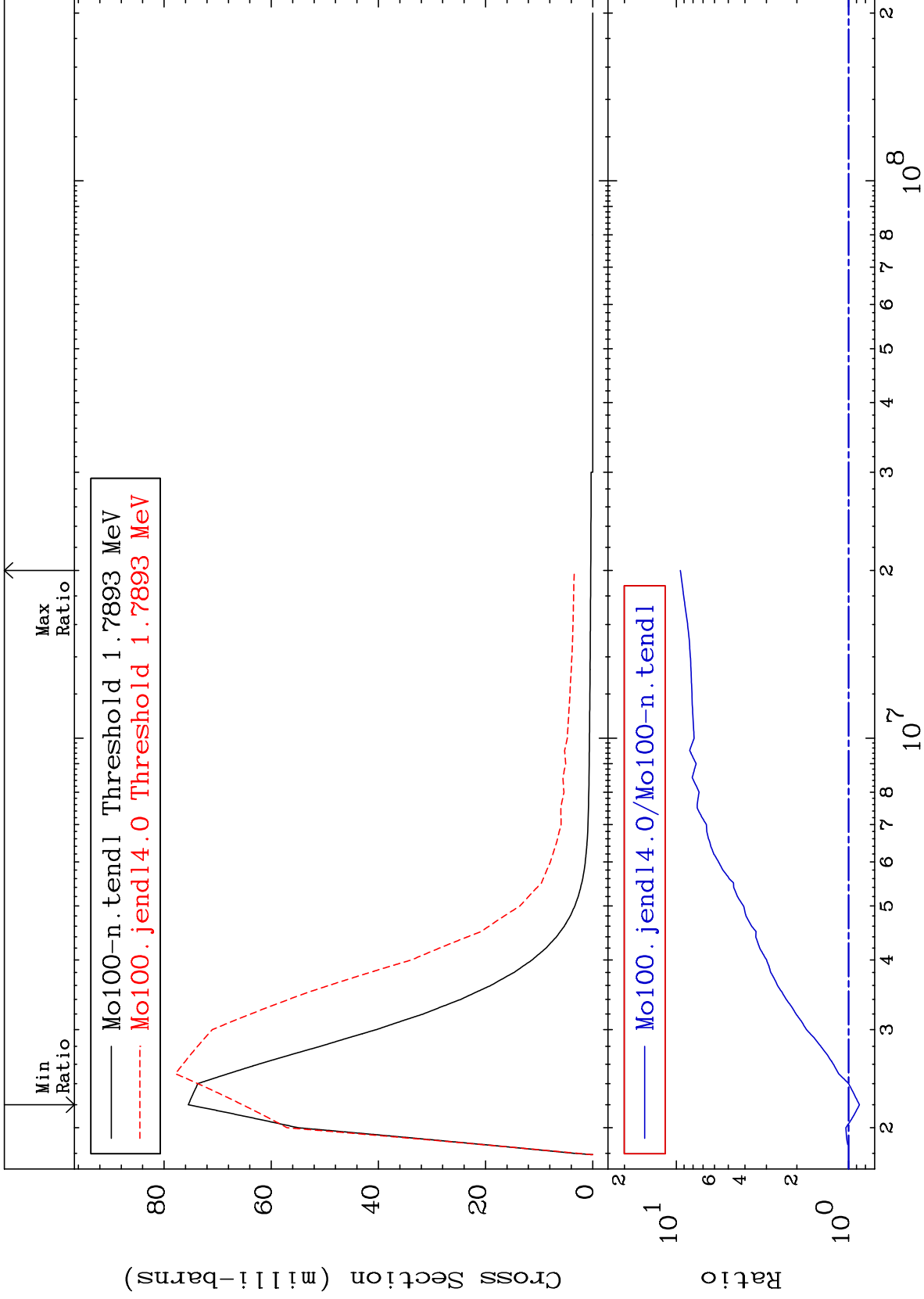
42-Mo-100
-54.42 To 316.5 %



MAT 4249

1.771 MeV (n,n') Level
Cross Section

42-Mo-100
-13.38 To 846.9 %



17

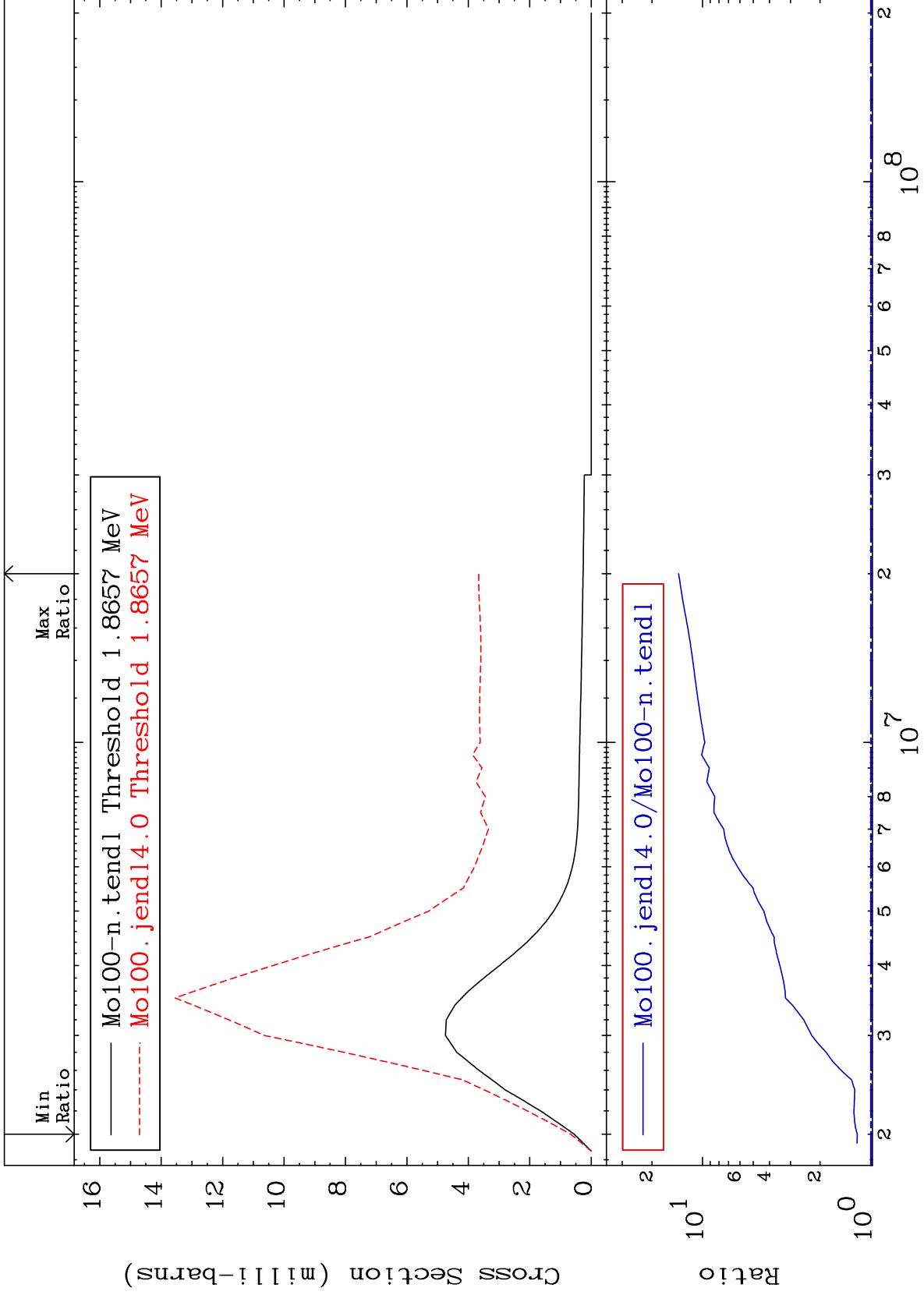
Incident Energy (eV)

42-Mo-100

MAT 4249

1.847 MeV (n,n') Level
Cross Section

20.22 To 1287. %
42-Mo-100



18

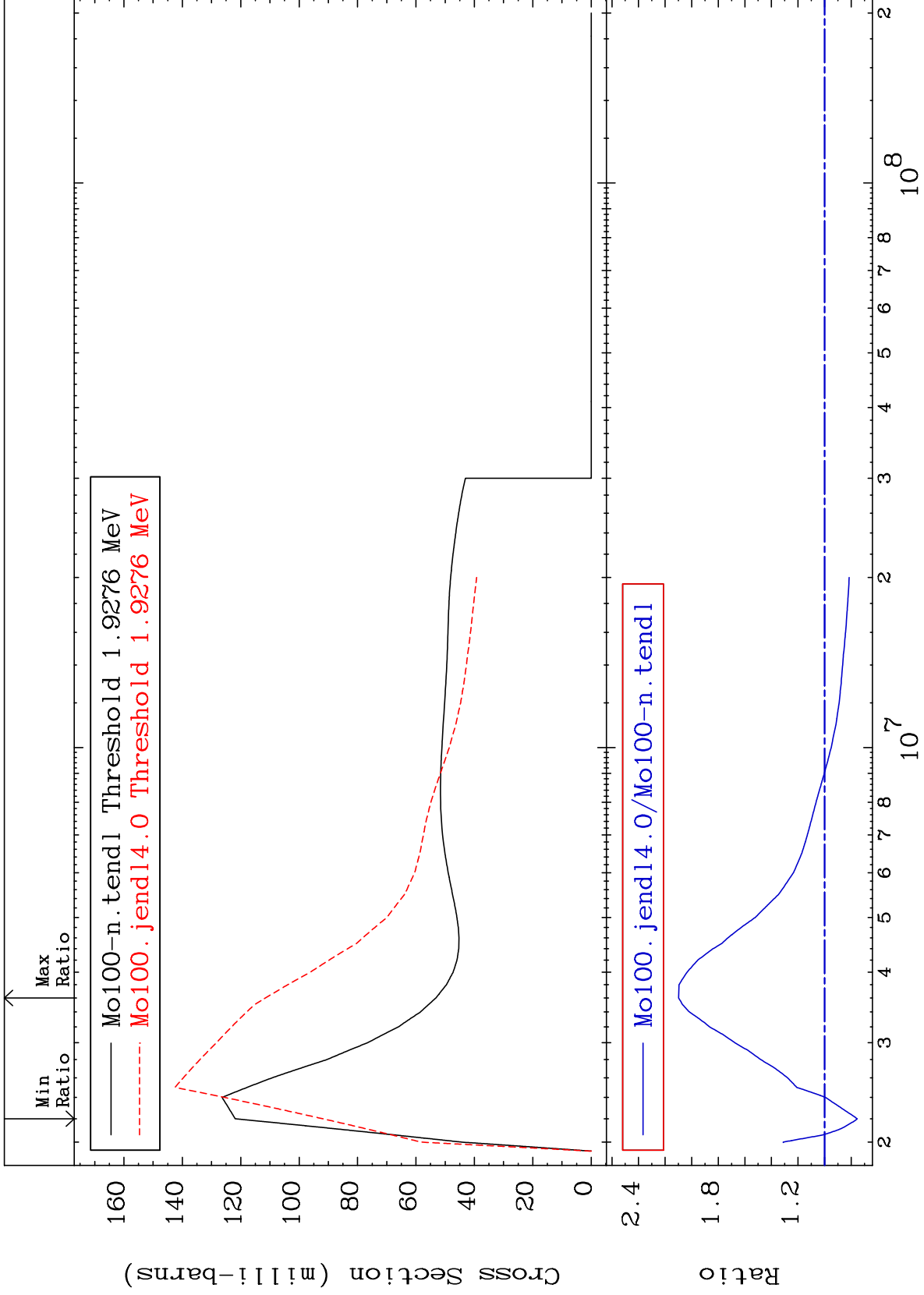
Incident Energy (eV)

42-Mo-100

MAT 4249

1.908 MeV (n,n') Level
Cross Section

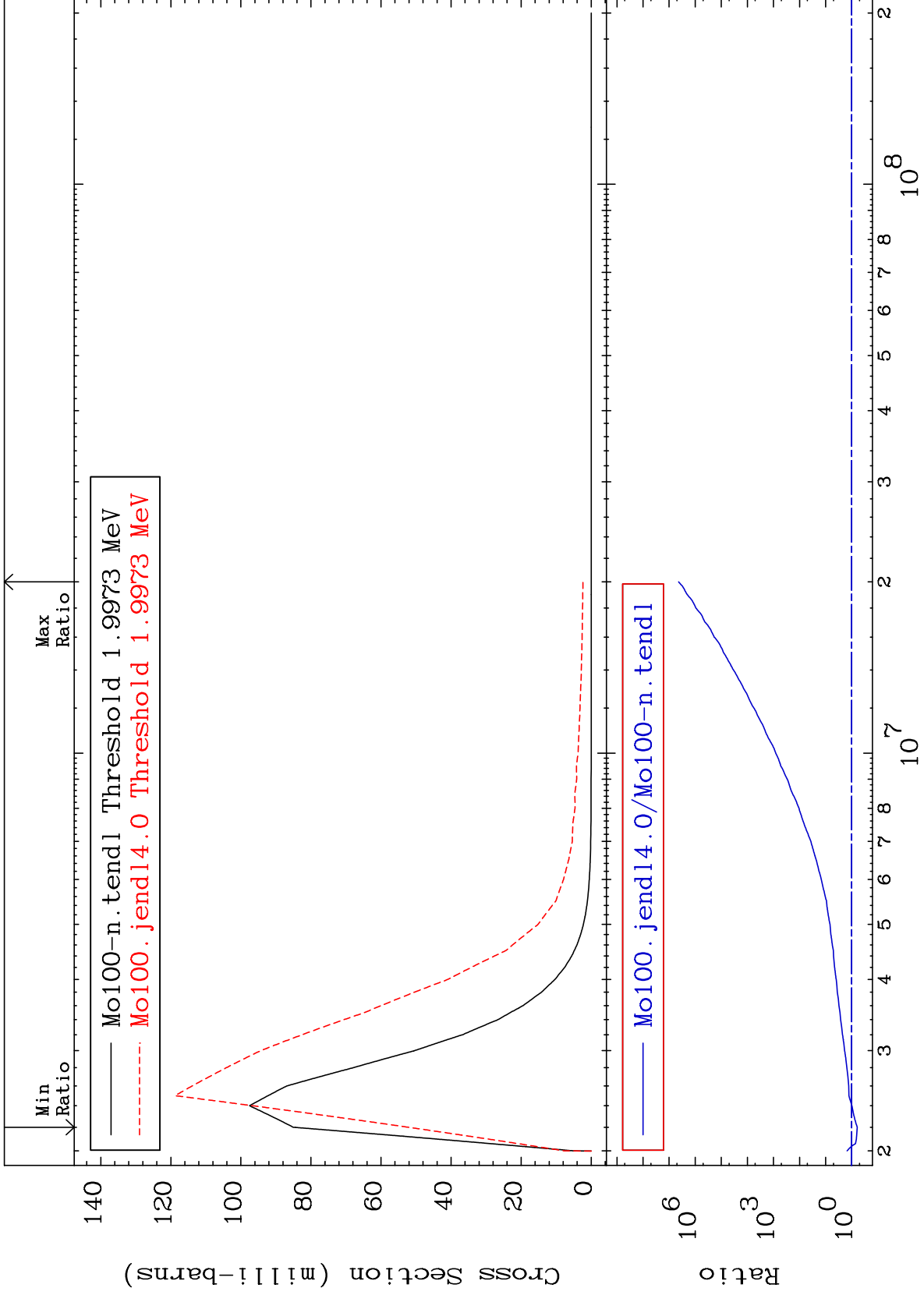
42-Mo-100
-24.57 To 109.8 %



MAT 4249

1.977 MeV (n,n') Level
Cross Section

42-Mo-100
-38.62 To 9999. %



20

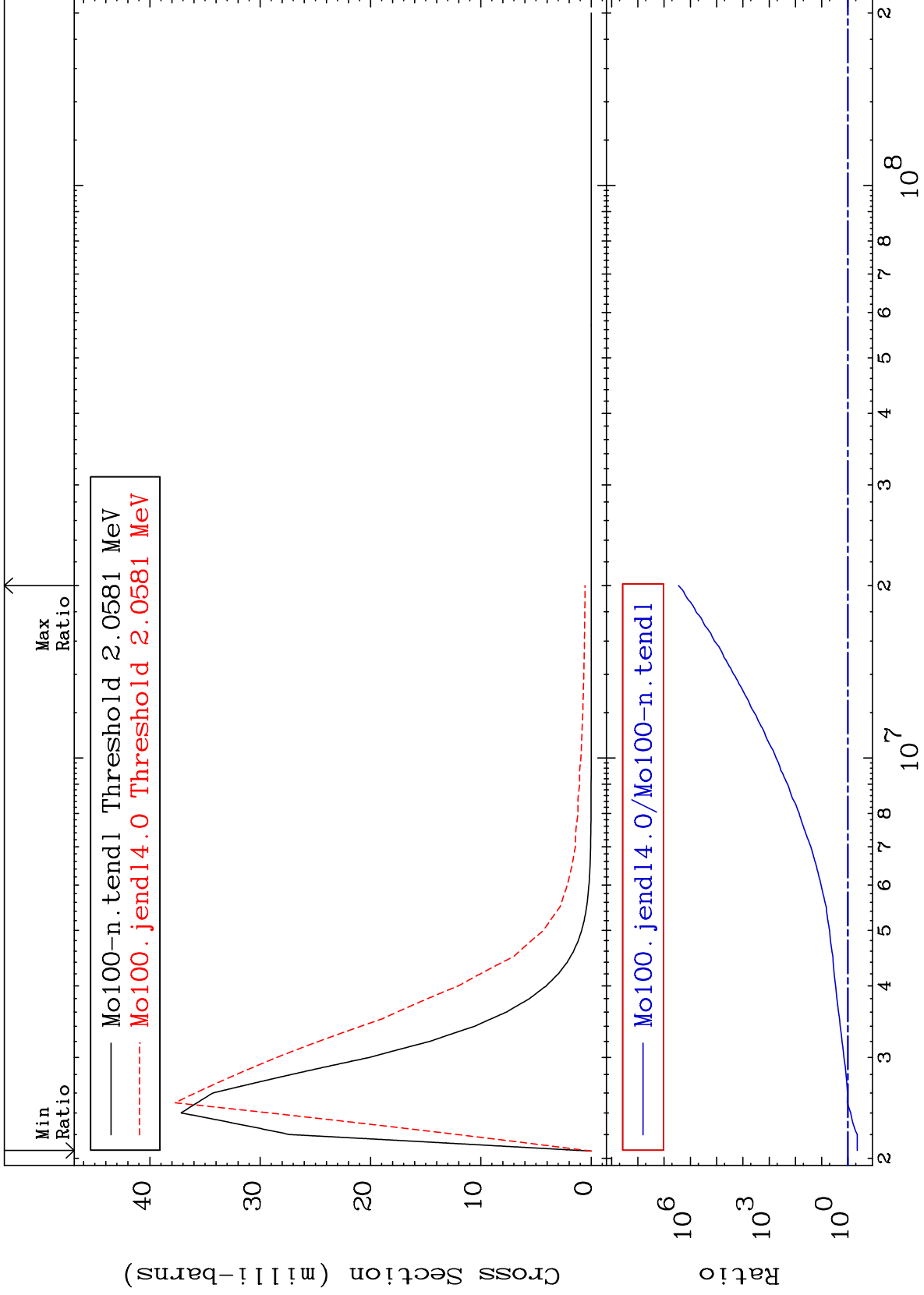
Incident Energy (eV)

42-Mo-100

MAT 4249

2.037 MeV (n,n') Level
Cross Section

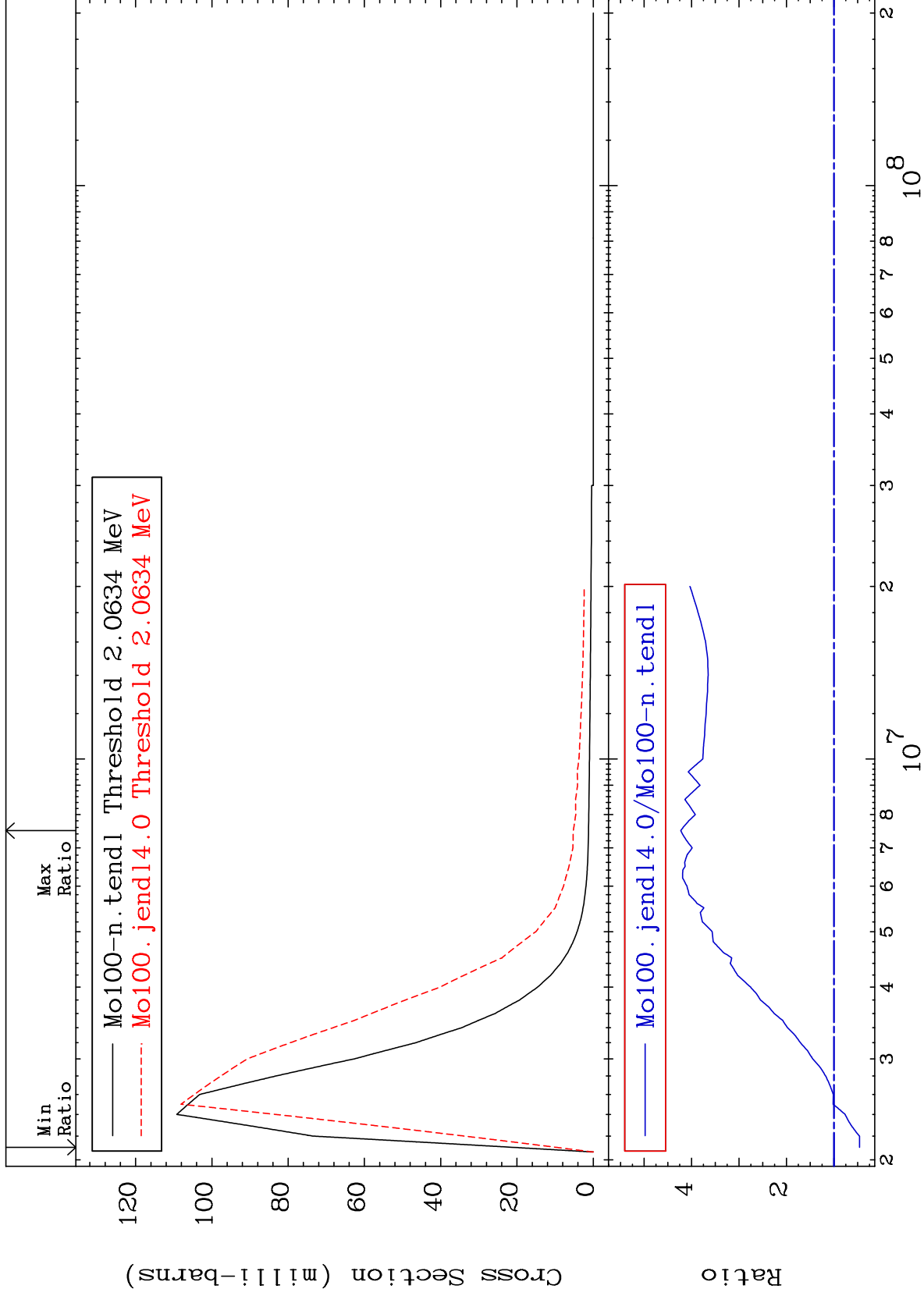
42-Mo-100
-55.75 To 9999. %



MAT 4249

2.043 MeV (n,n') Level
Cross Section

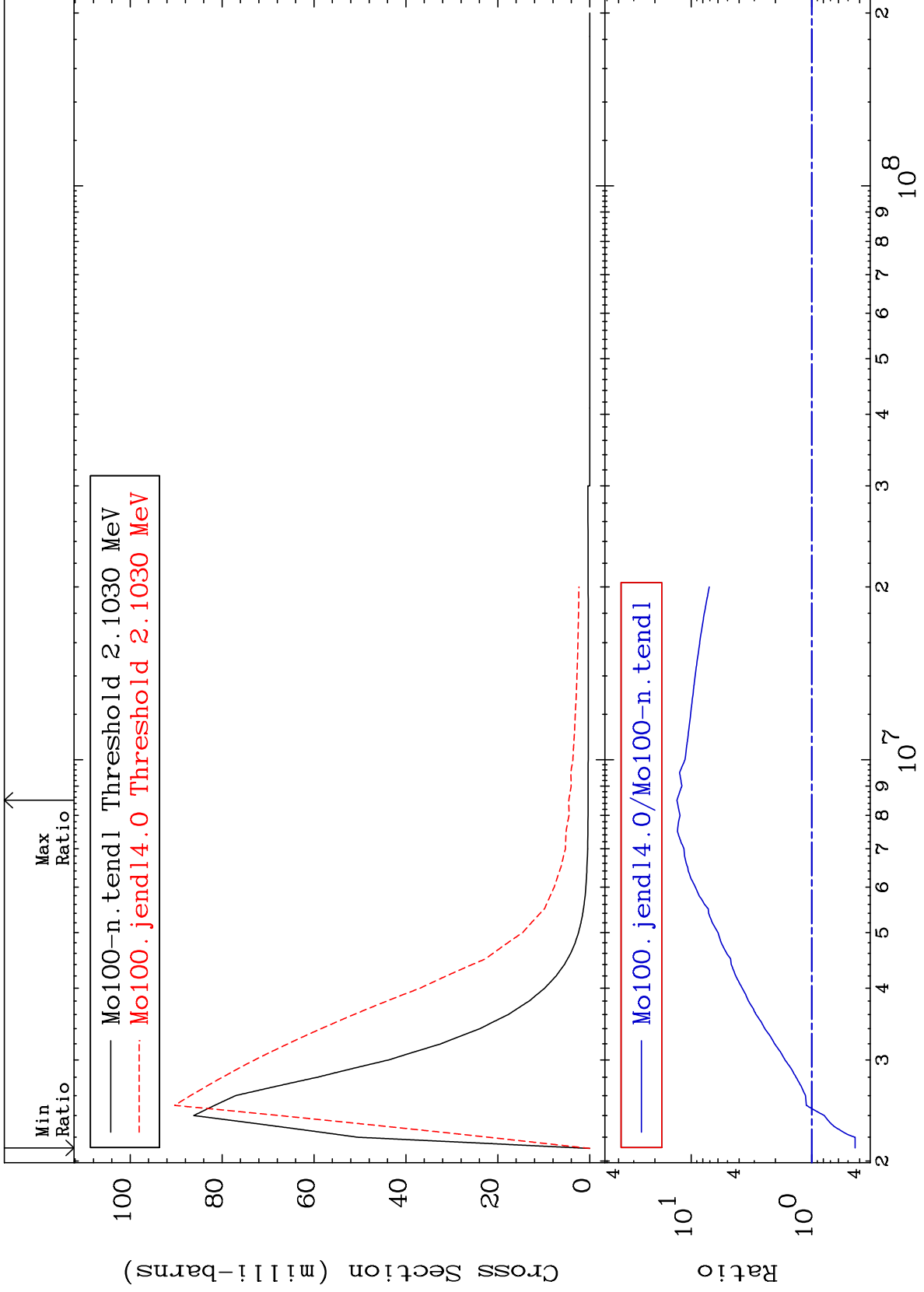
42-Mo-100
-54.03 To 322.9 %



MAT 4249

2.082 MeV (n,n') Level
Cross Section

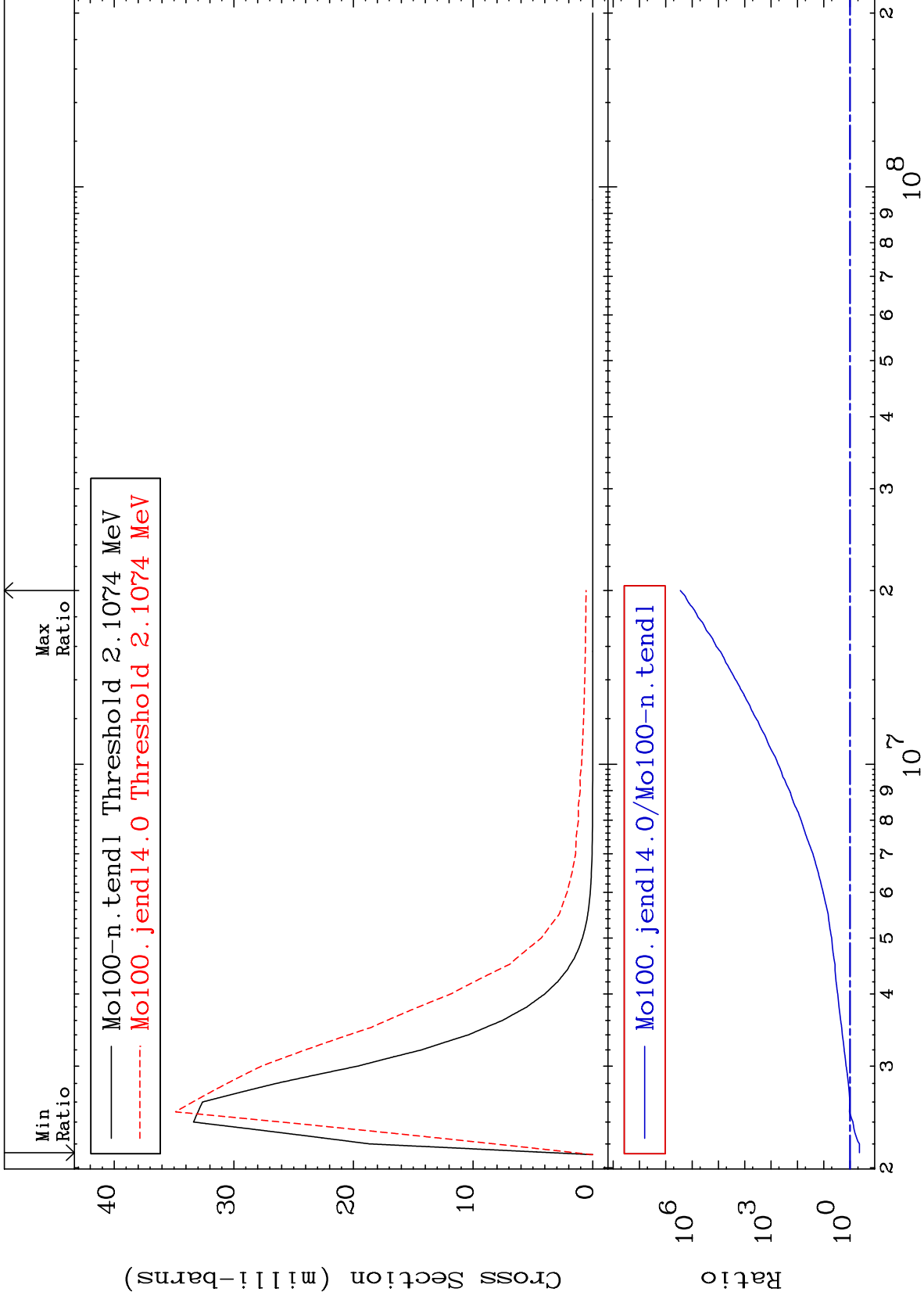
42-Mo-100
-56.32 To 1214. %



MAT 4249

2.086 MeV (n,n') Level
Cross Section

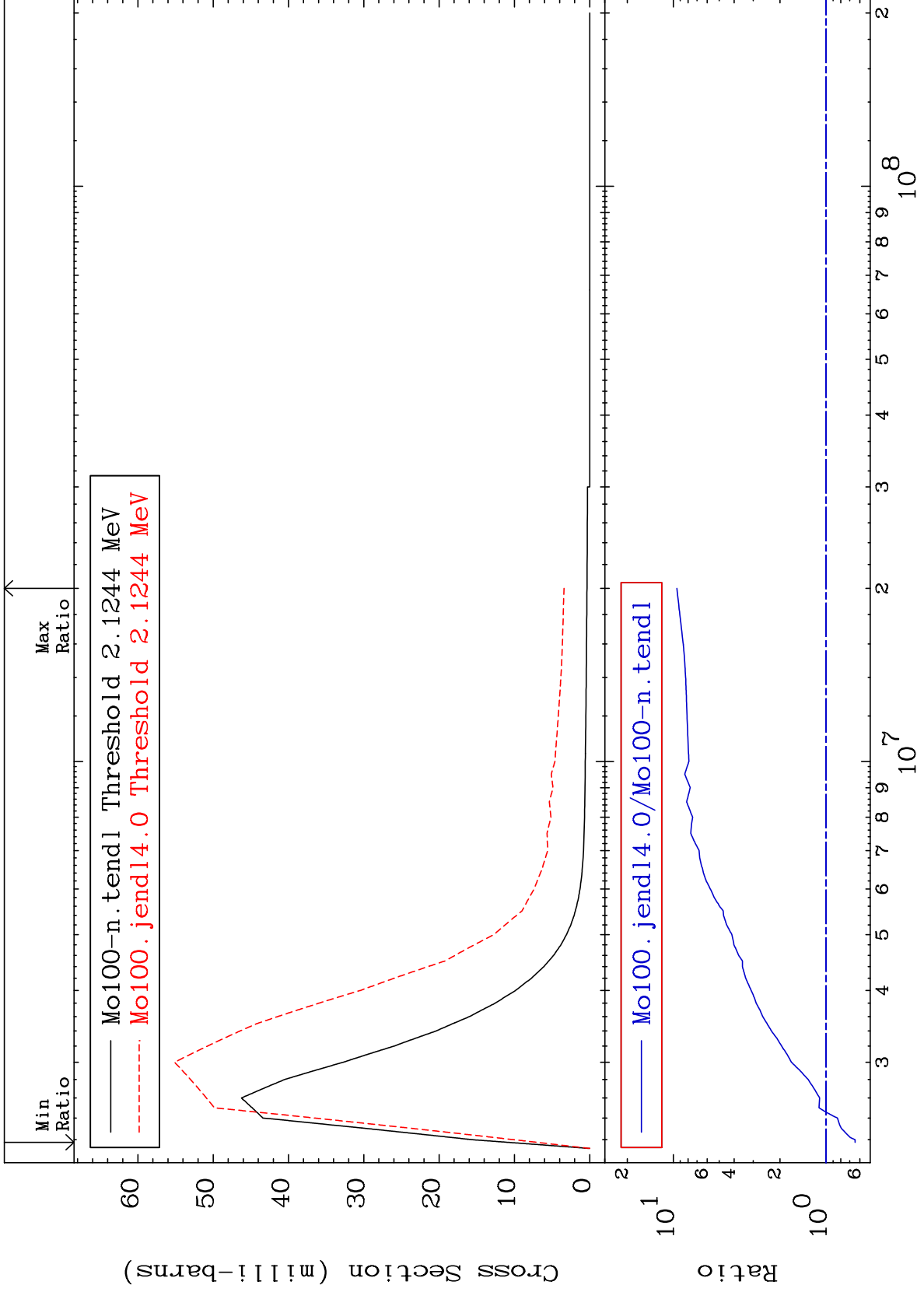
42-Mo-100
-55.94 To 9999. %

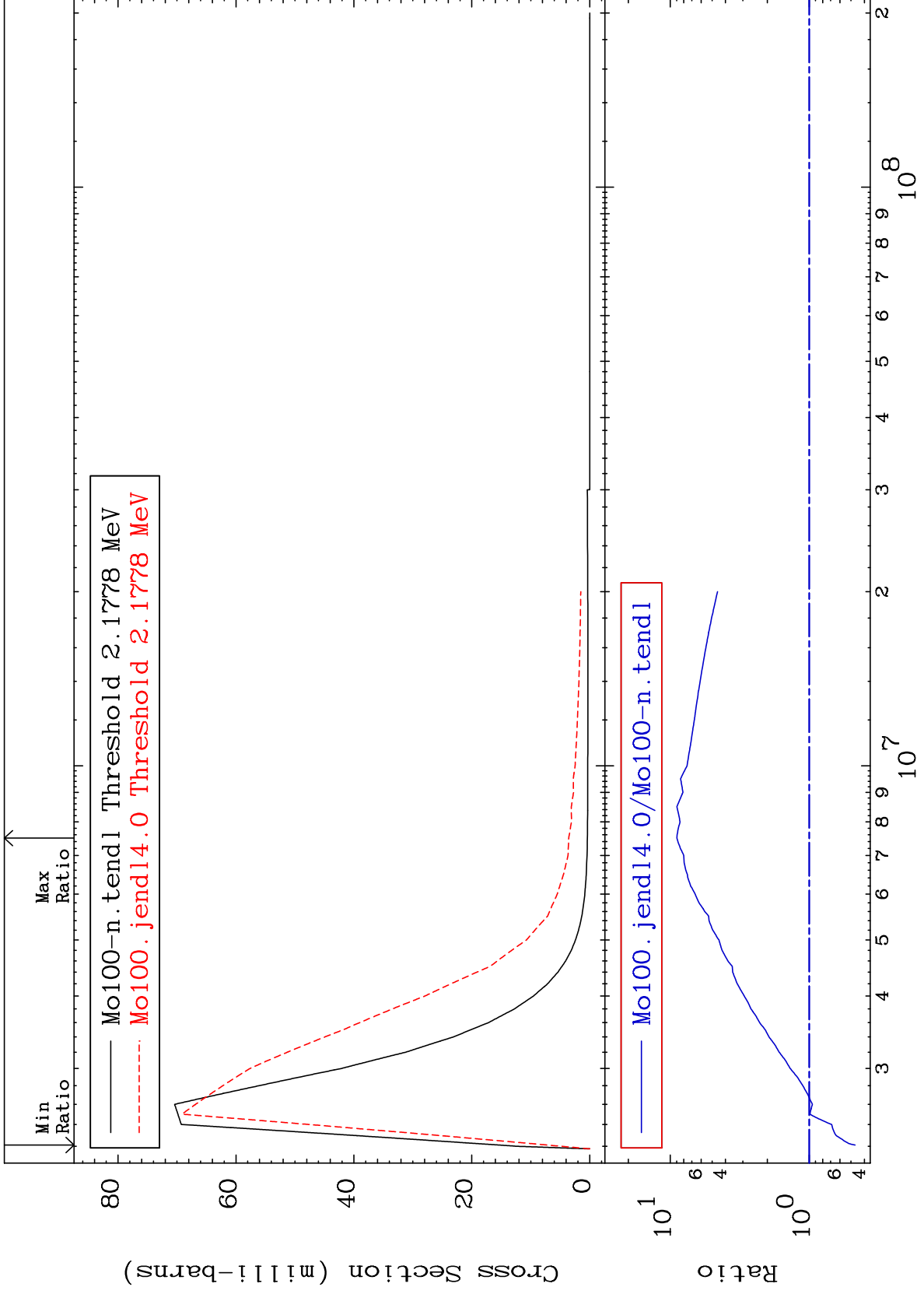


MAT 4249

2.103 MeV (n,n') Level
Cross Section

42-Mo-100
-35.46 To 846.7 %

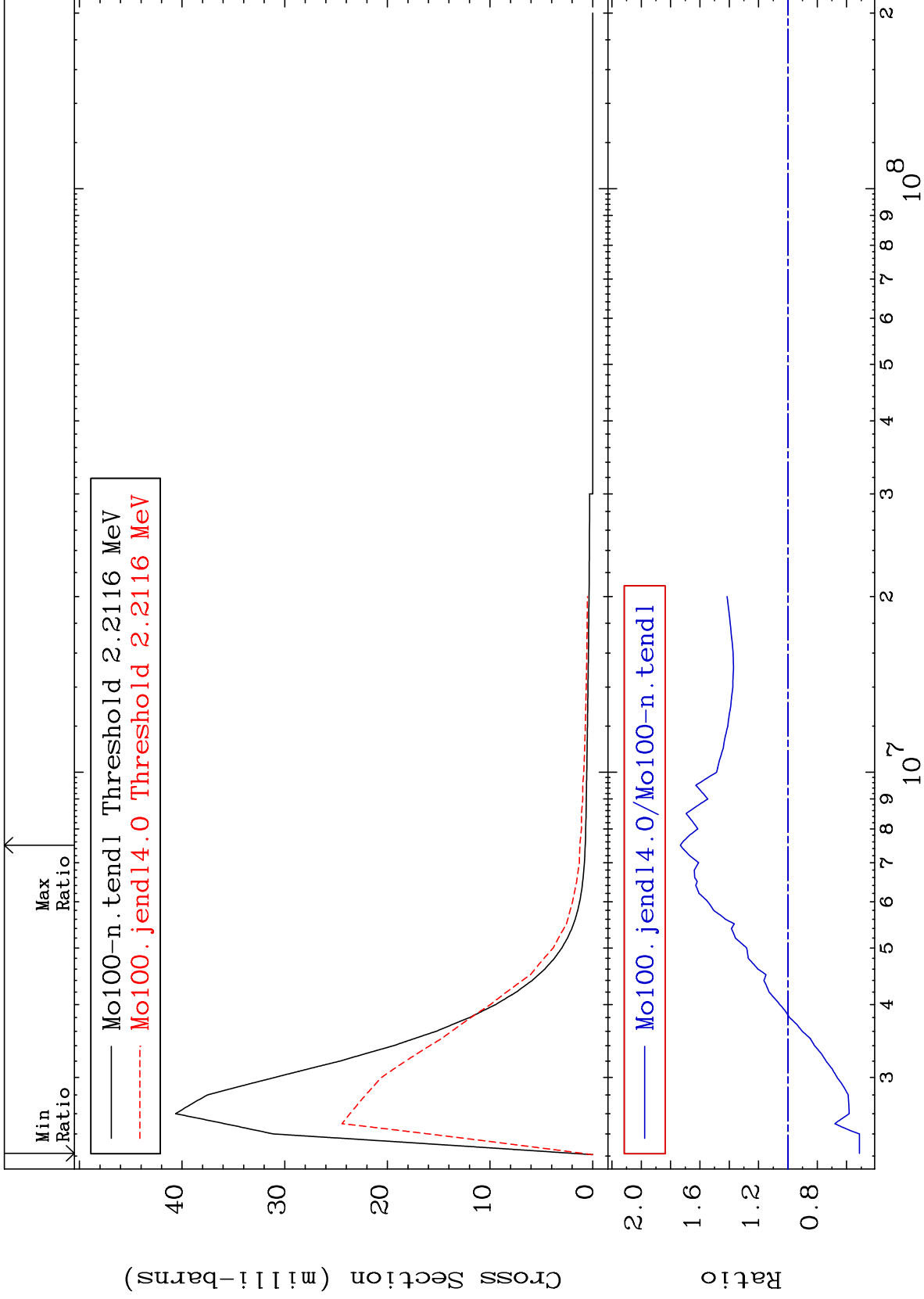




MAT 4249

2.190 MeV (n,n') Level
Cross Section

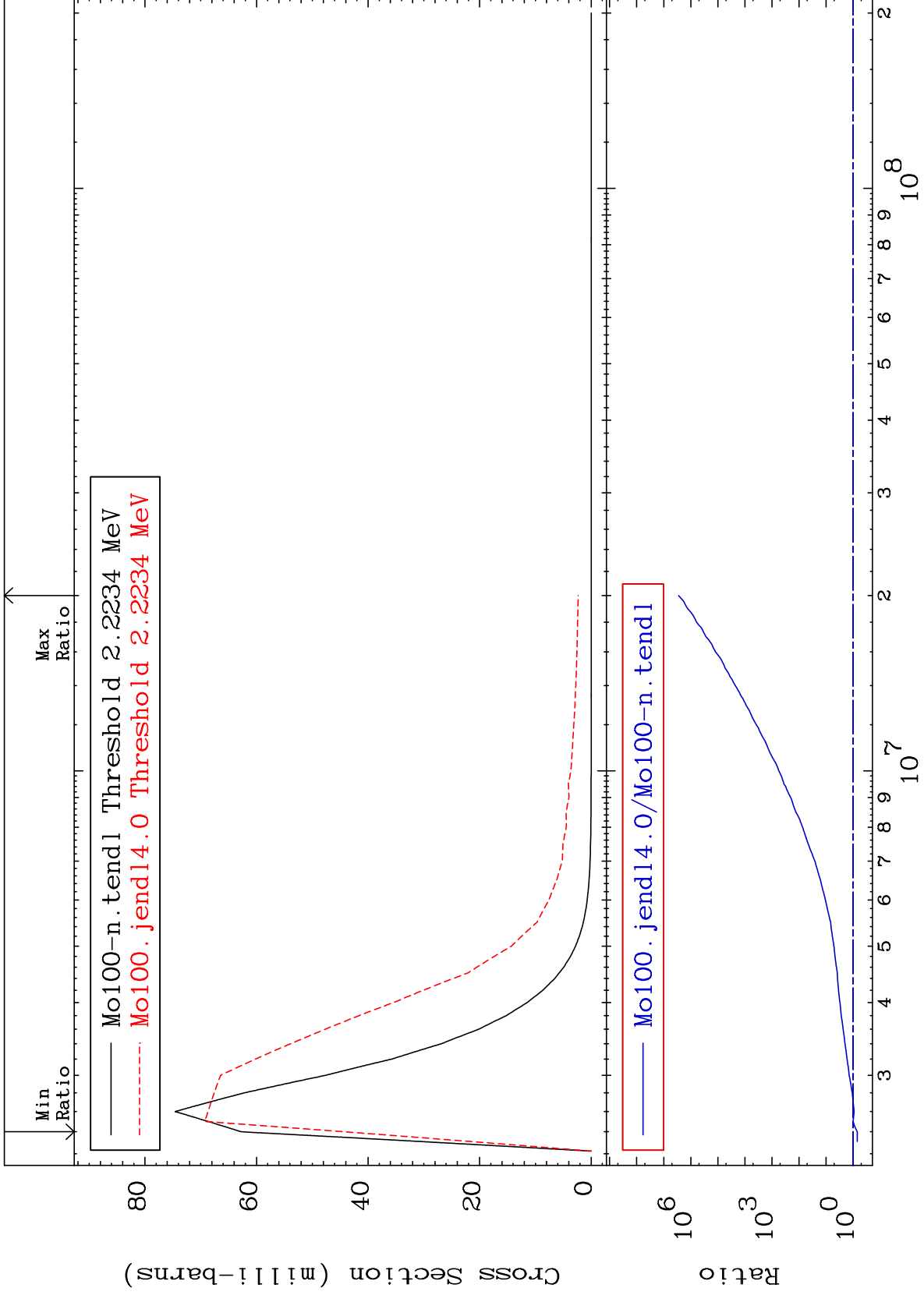
42-Mo-100
-48.75 To 73.35 %



MAT 4249

2.201 MeV (n,n') Level
Cross Section

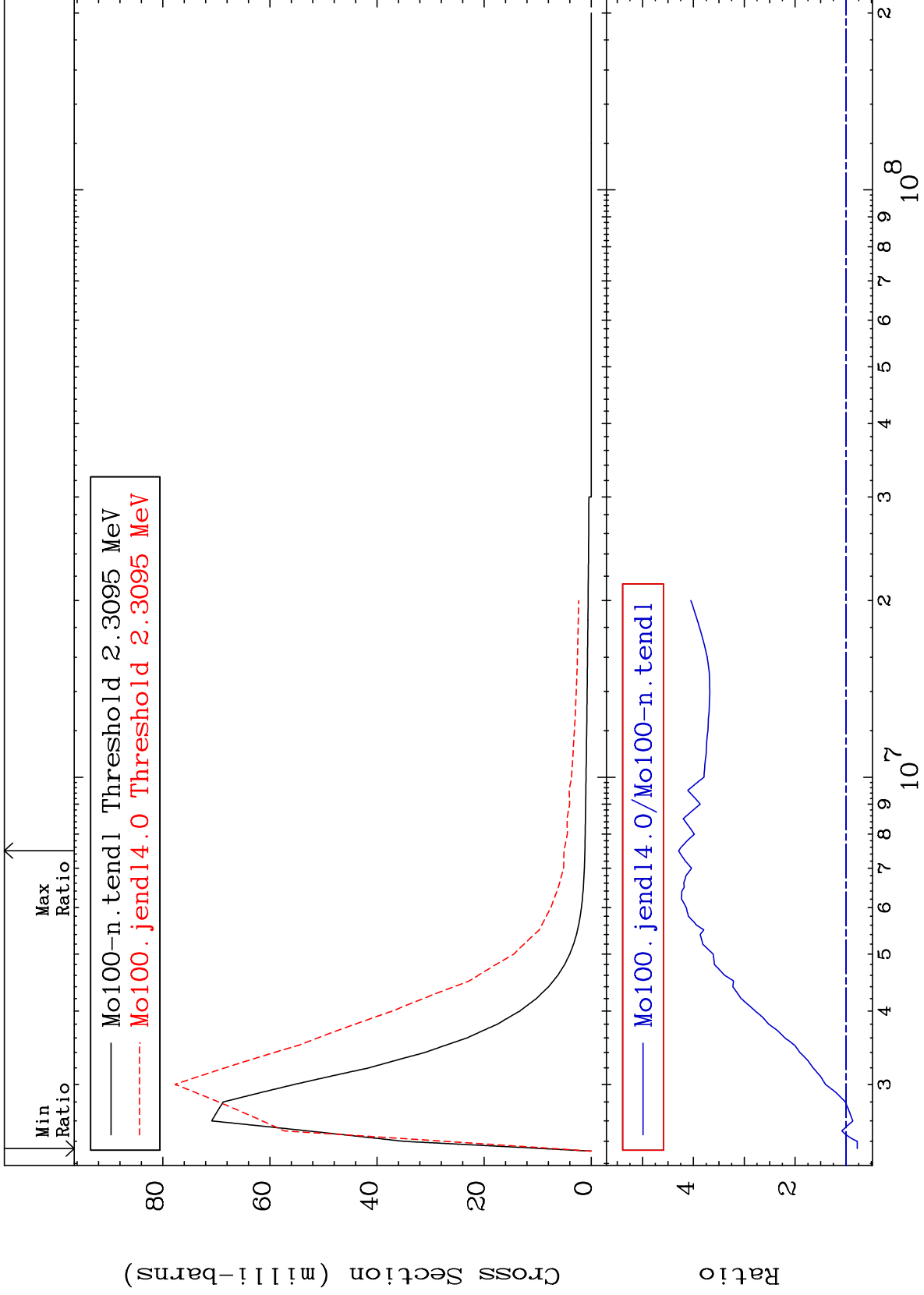
42-Mo-100
-29.51 To 9999. %



MAT 4249

2.286 MeV (n,n') Level
Cross Section

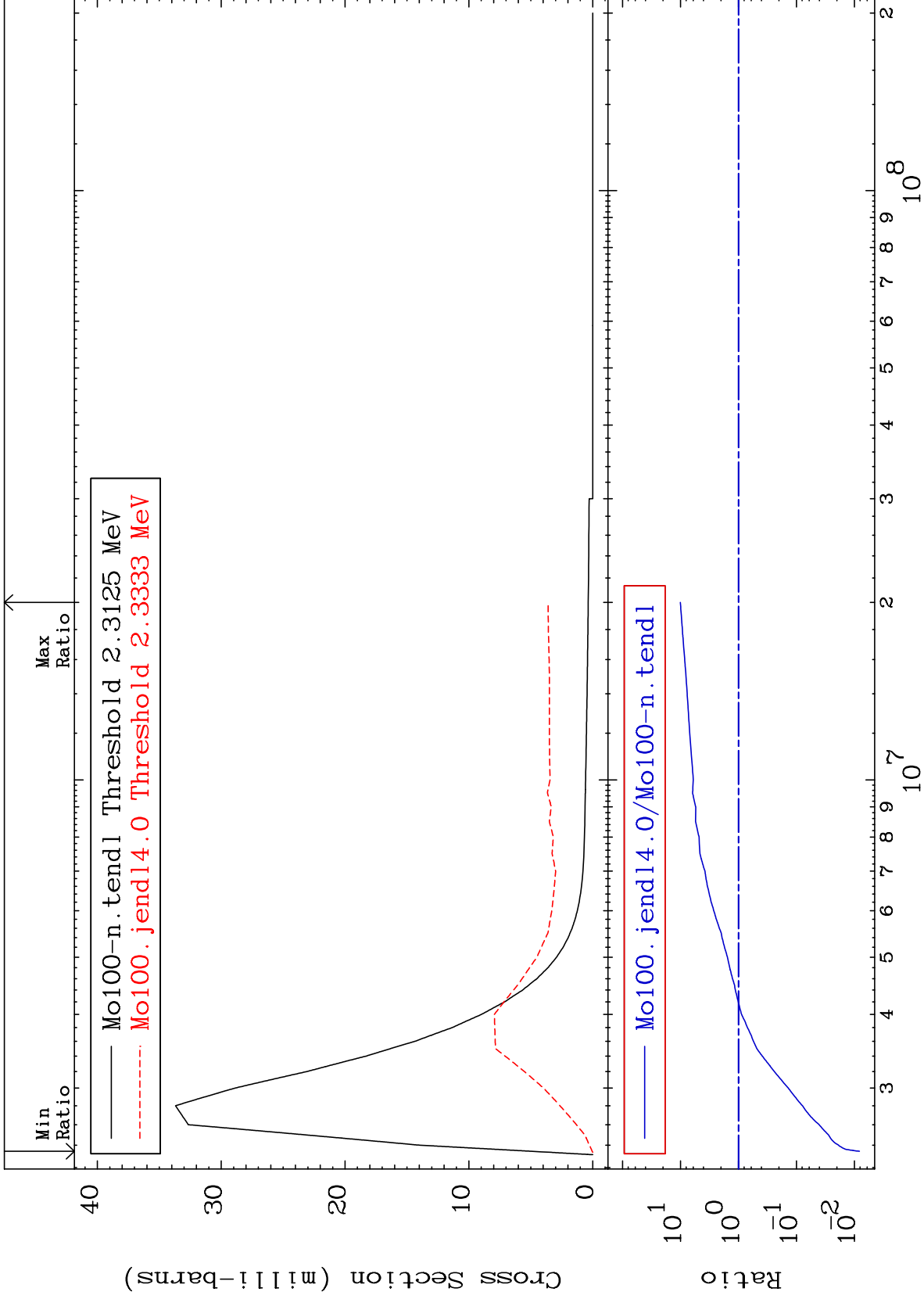
42-Mo-100
-22.12 To 329.1 %



MAT 4249

2.289 MeV (n,n') Level
Cross Section

42-Mo-100
-99.18 To 904.0 %



30

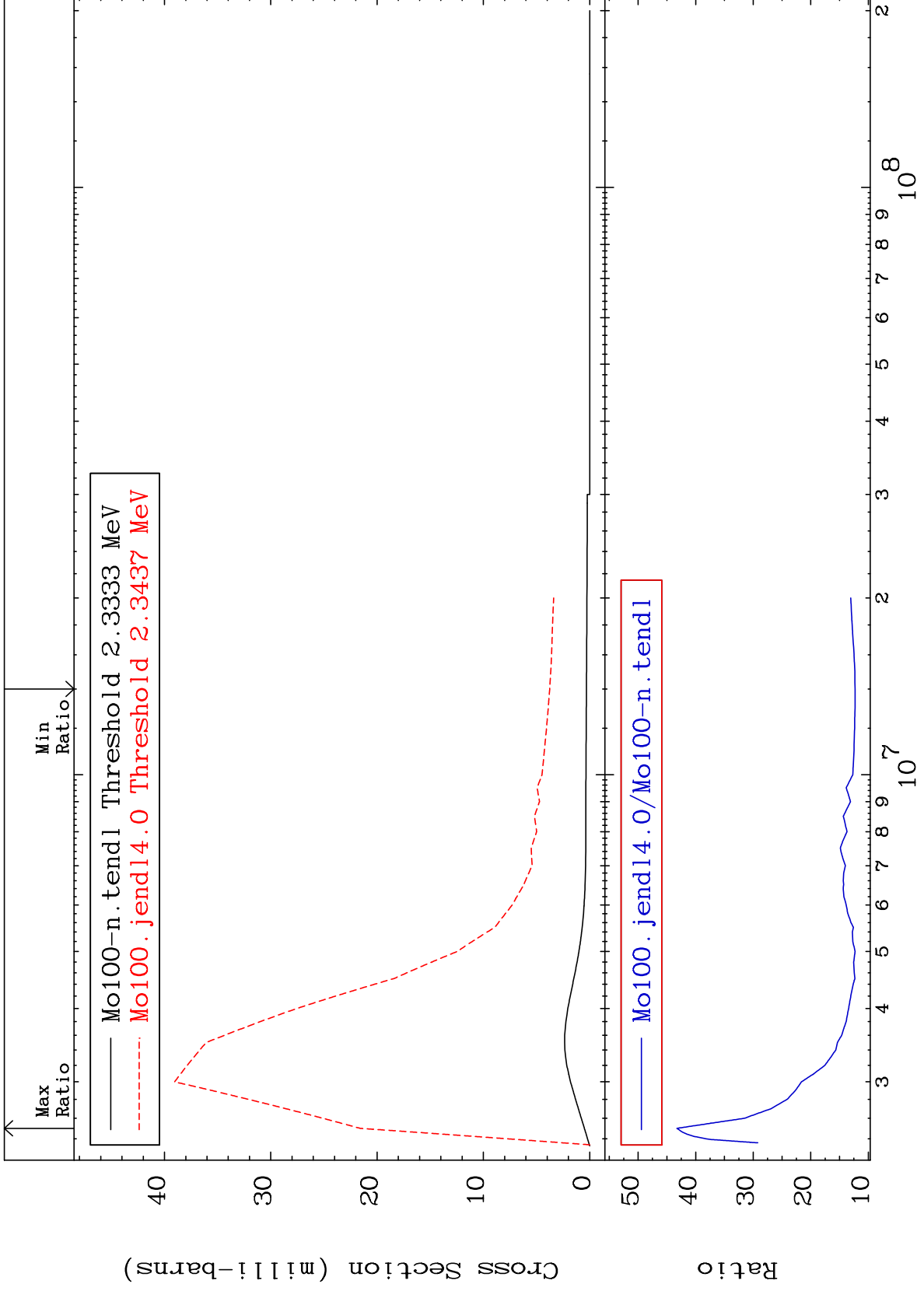
Incident Energy (eV)

42-Mo-100

MAT 4249

2.310 MeV (n,n') Level
Cross Section

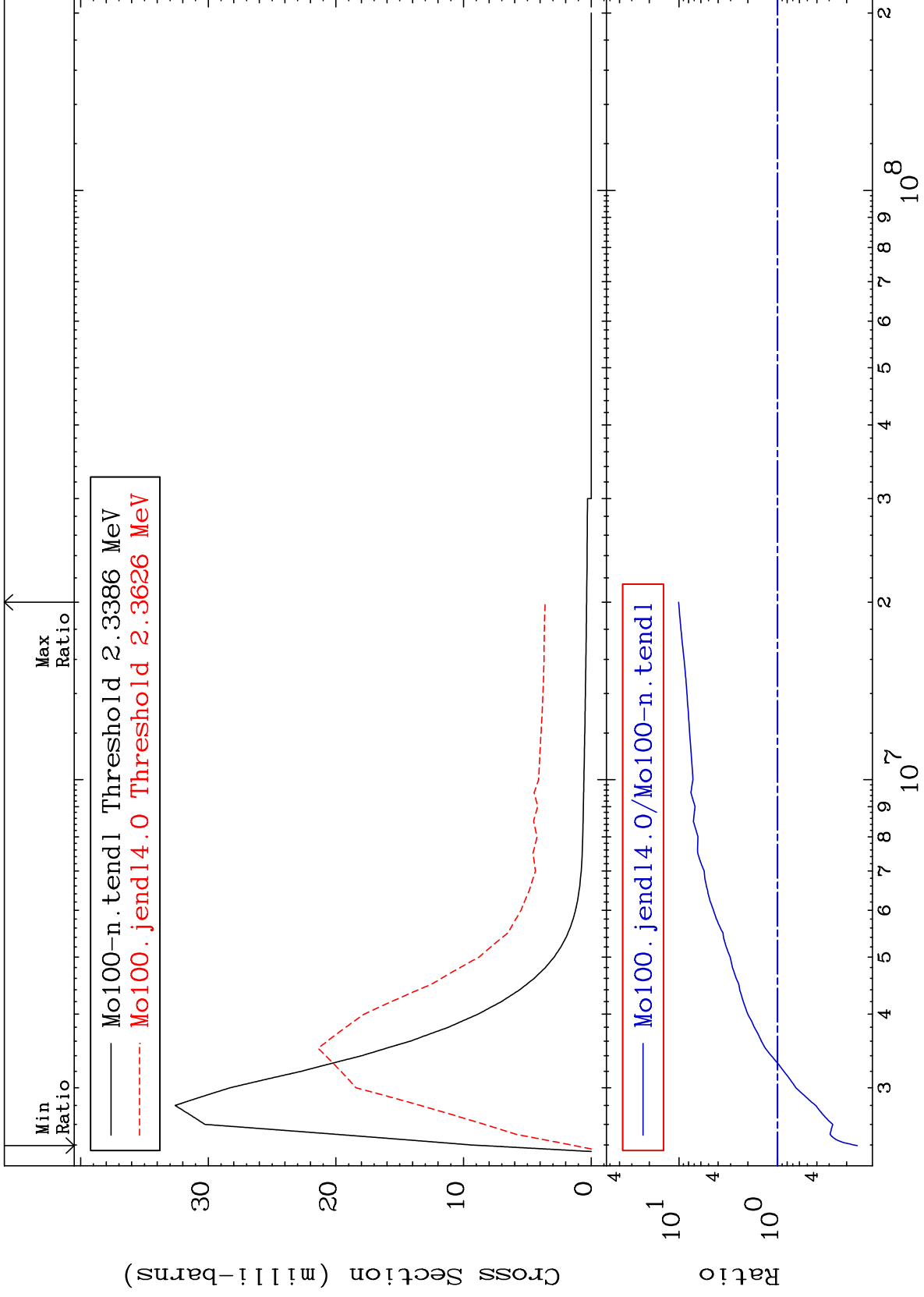
42-Mo-100
To 4226. %
1129.



MAT 4249

2.315 MeV (n,n') Level
Cross Section

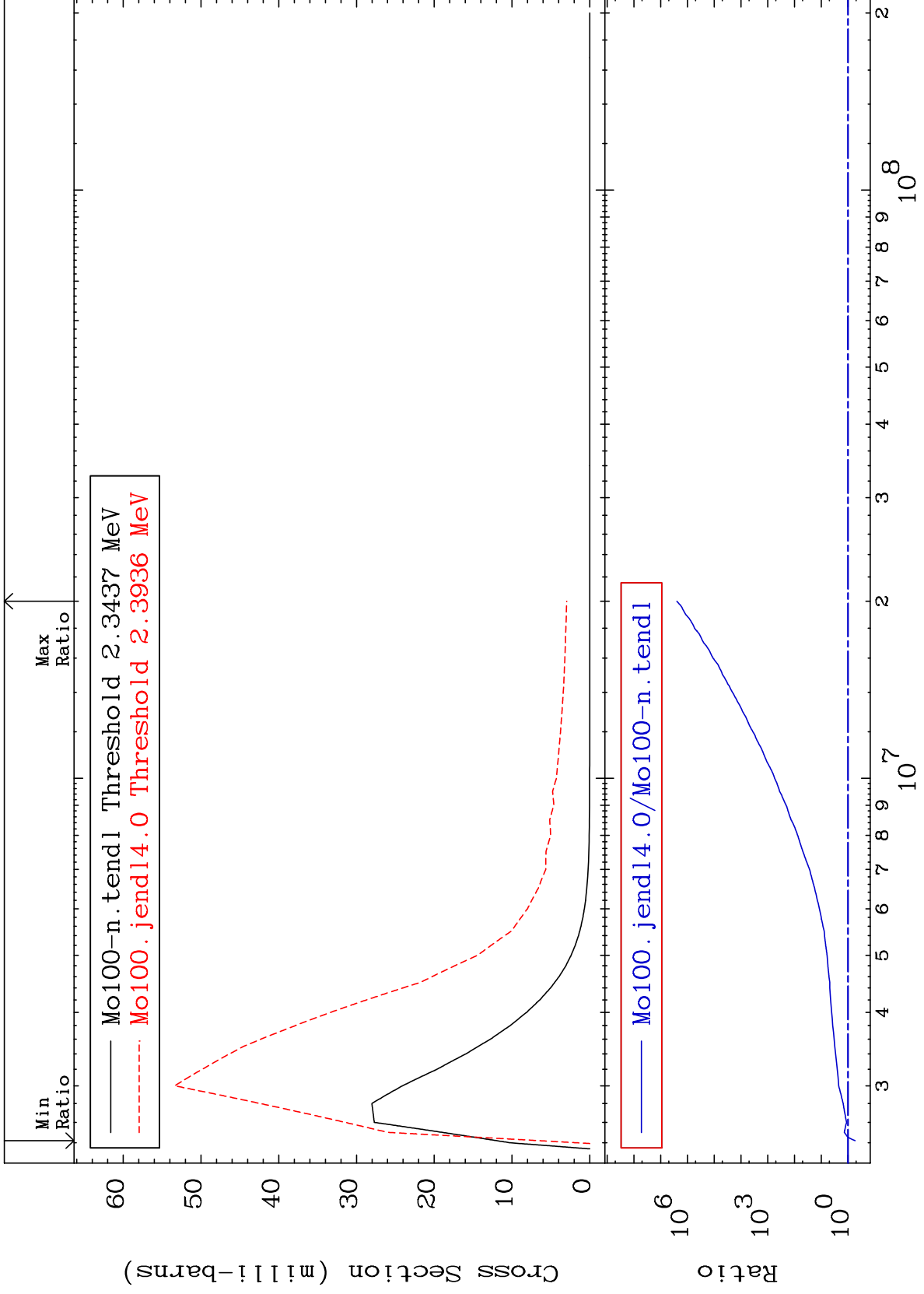
42-Mo-100
-84.42 To 907.0 %



MAT 4249

2.320 MeV (n,n') Level
Cross Section

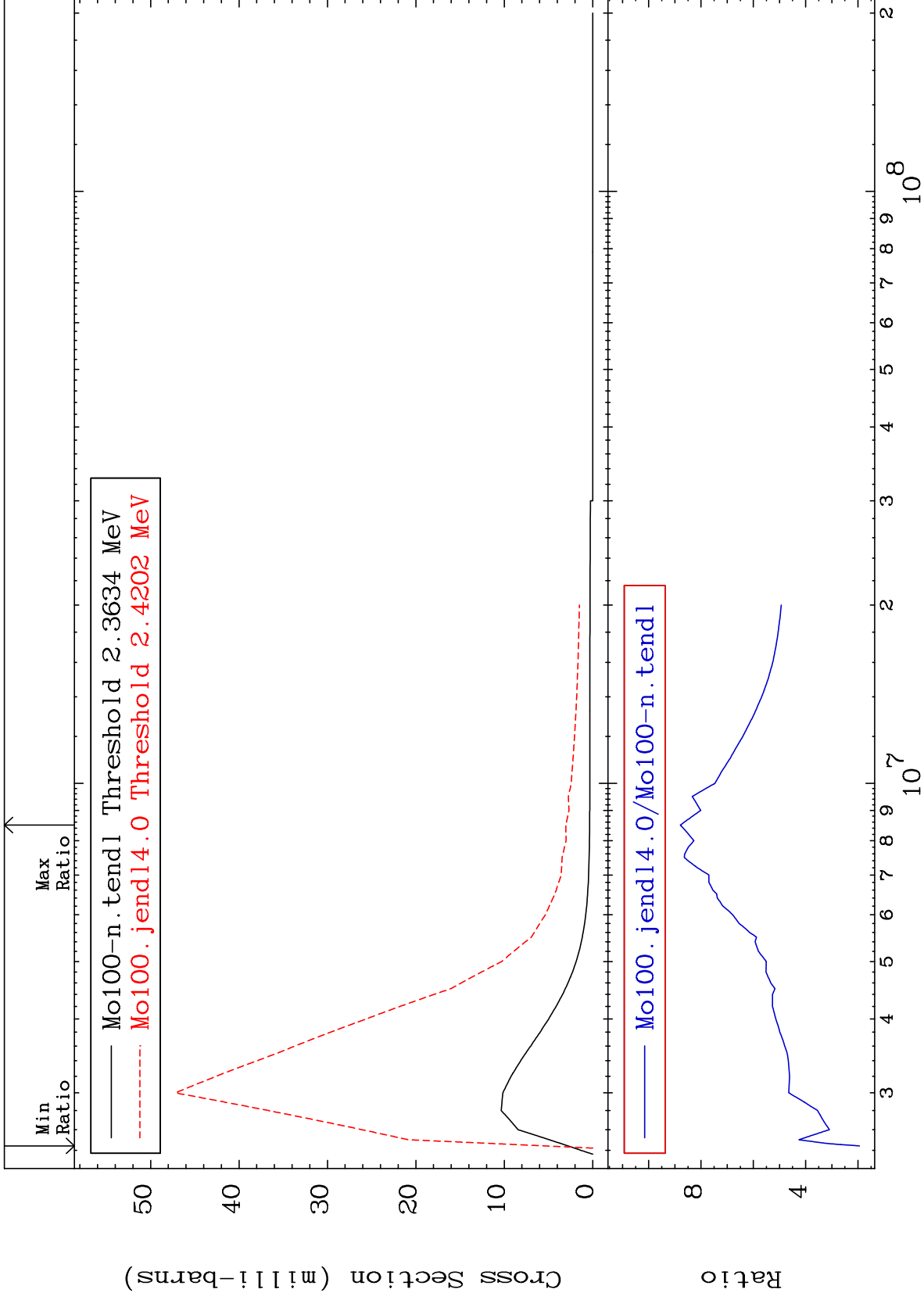
42-Mo-100
-45.68 To 9999. %



MAT 4249

2.340 MeV (n,n') Level
Cross Section

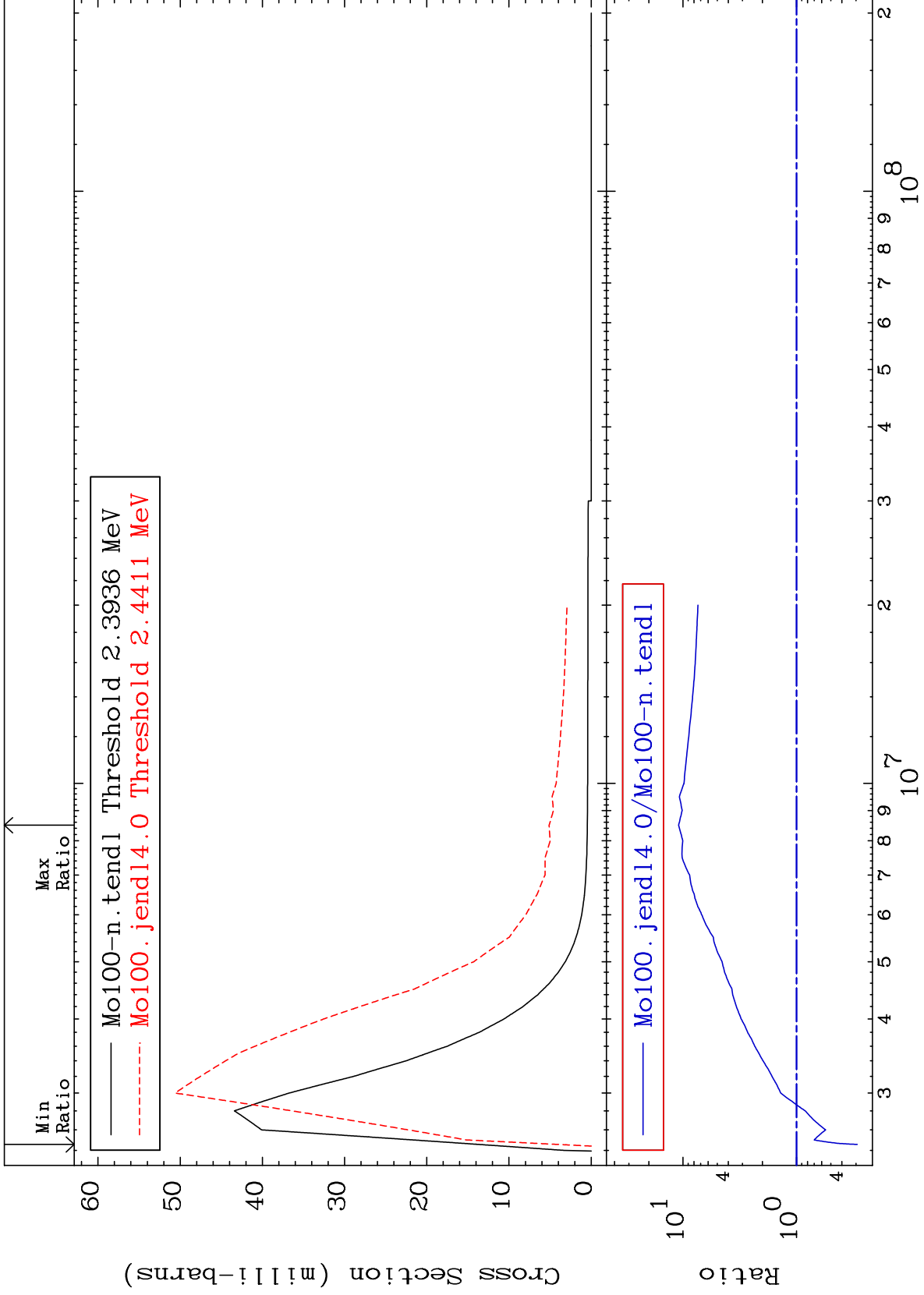
42-Mo-100
94.51 To 779.0 %



MAT 4249

2.370 MeV (n,n') Level
Cross Section

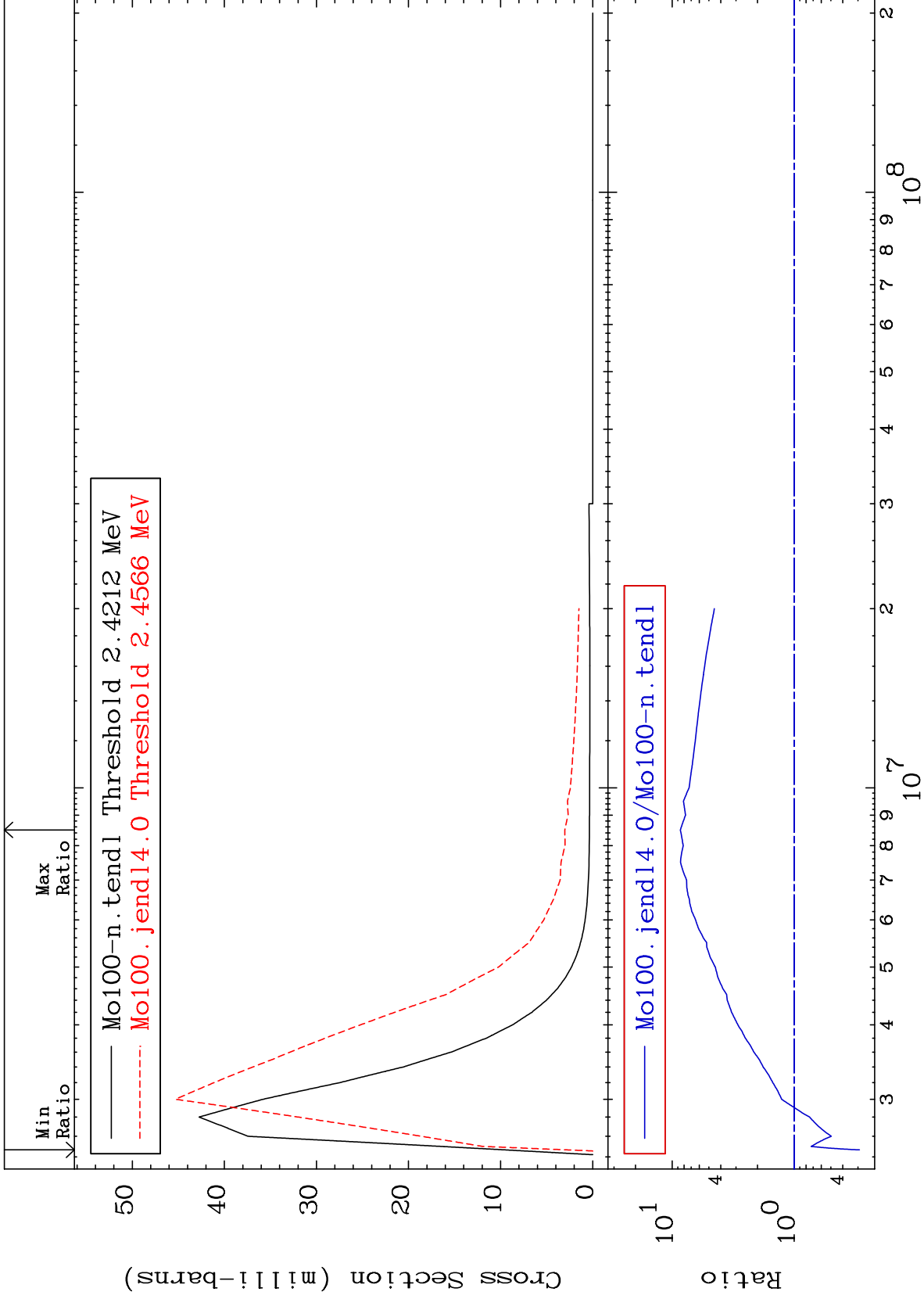
42-Mo-100
-70.77 To 992.6 %

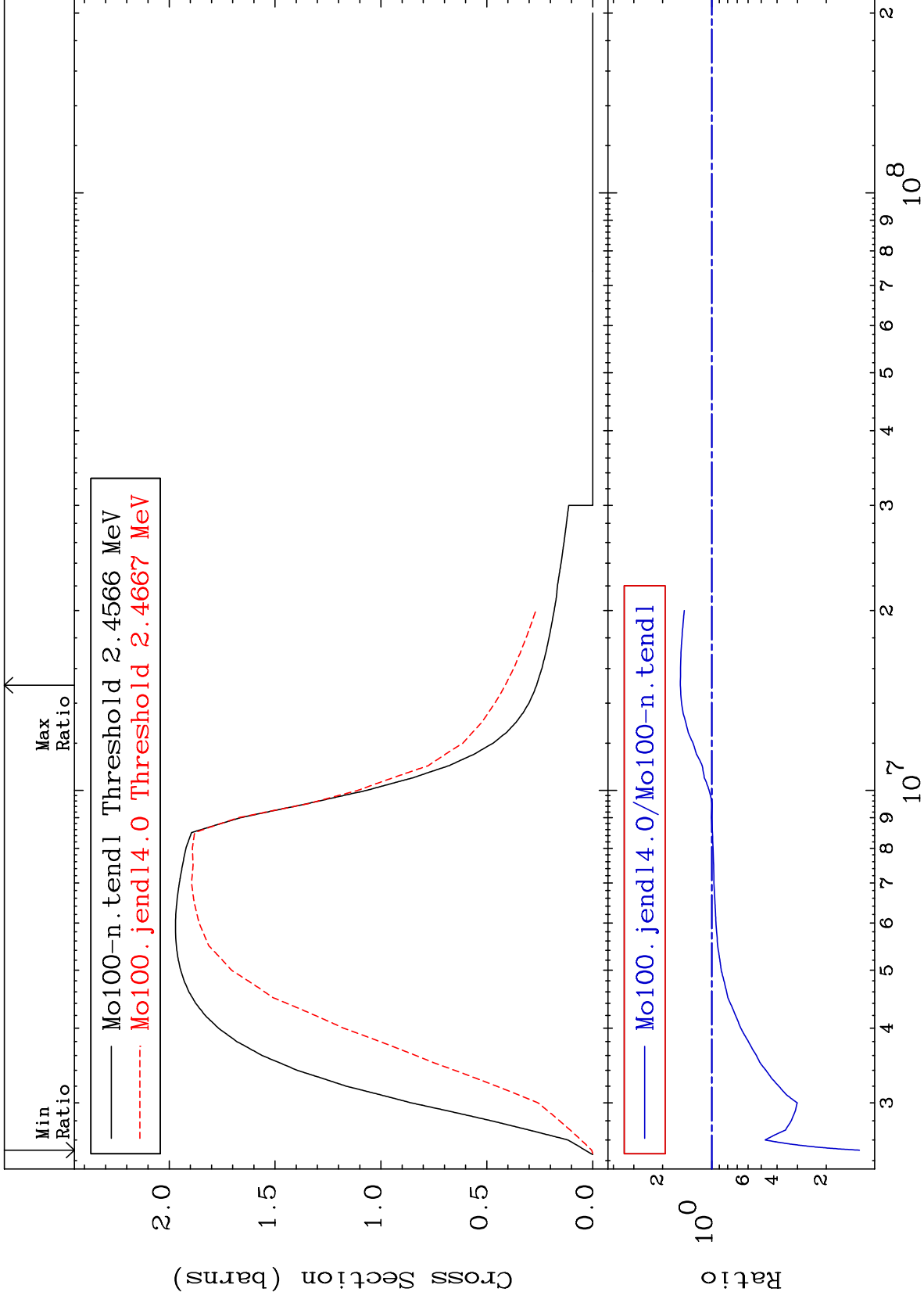


MAT 4249

2.397 MeV (n,n') Level
Cross Section

42-Mo-100
-70.80 To 757.6 %



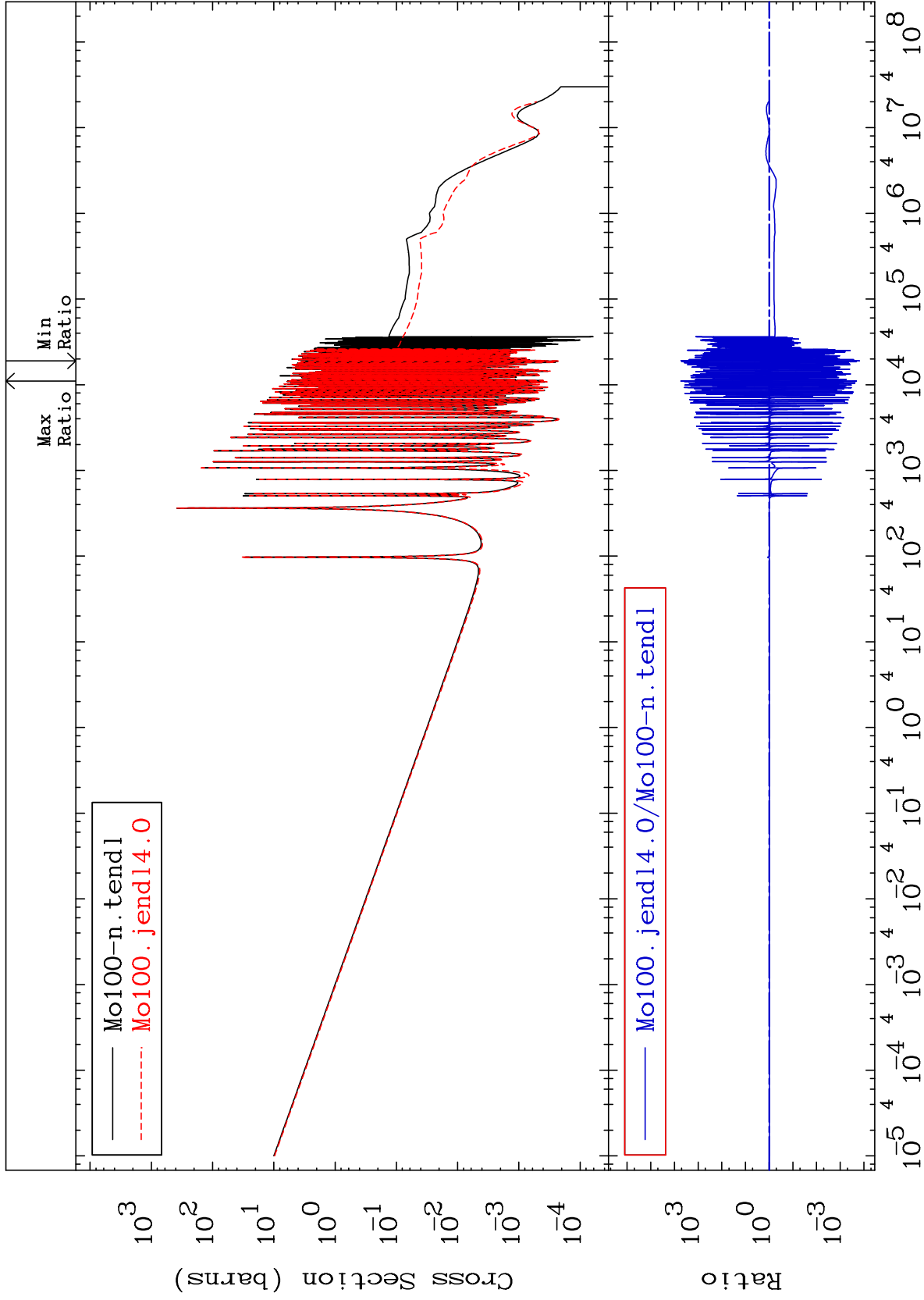


MAT 4249

(n, γ)
Cross Section

42-Mo-100

-99.98 To 9999. %

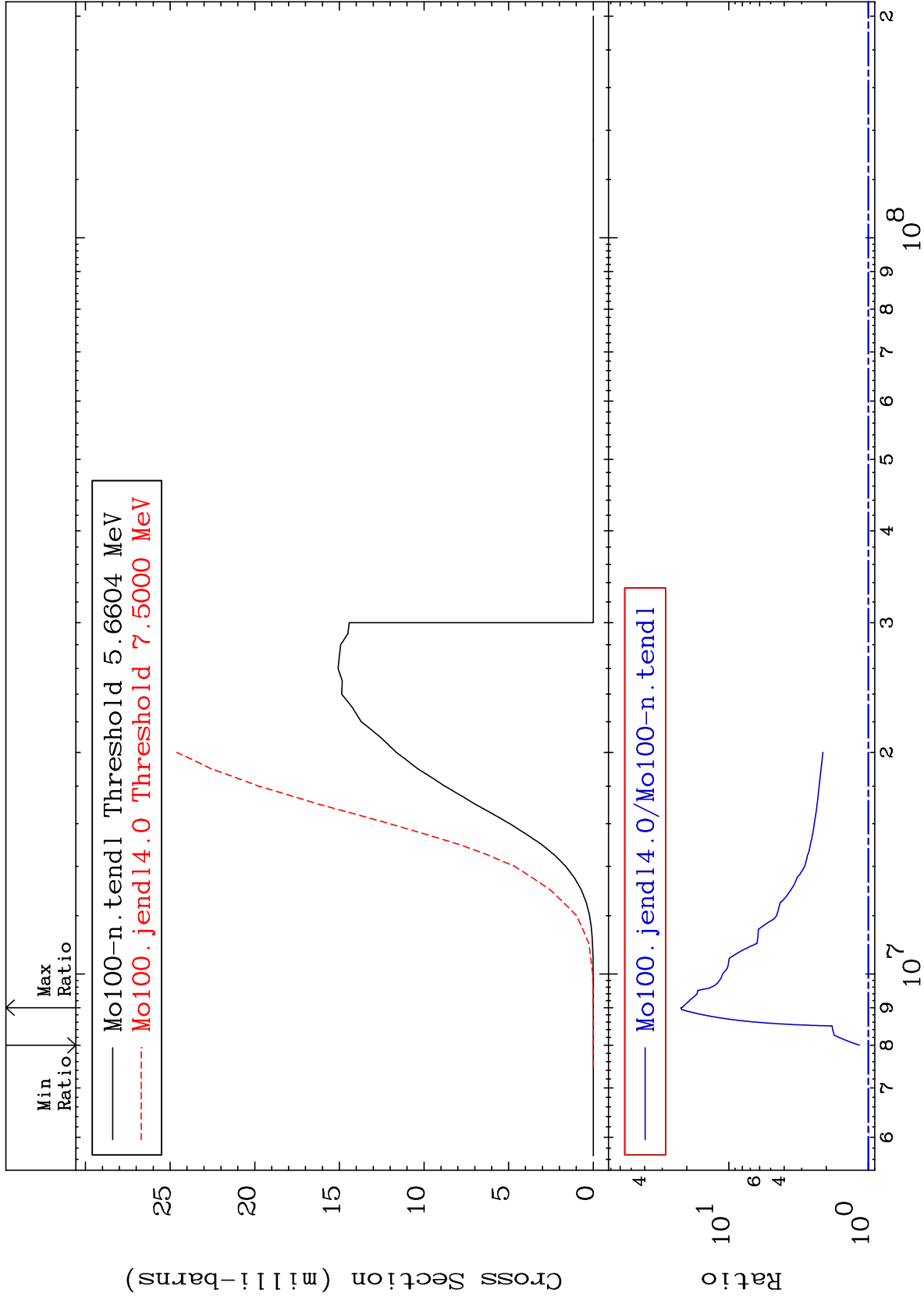


38

42-Mo-100

Cross Section

15.54 To 2105. %



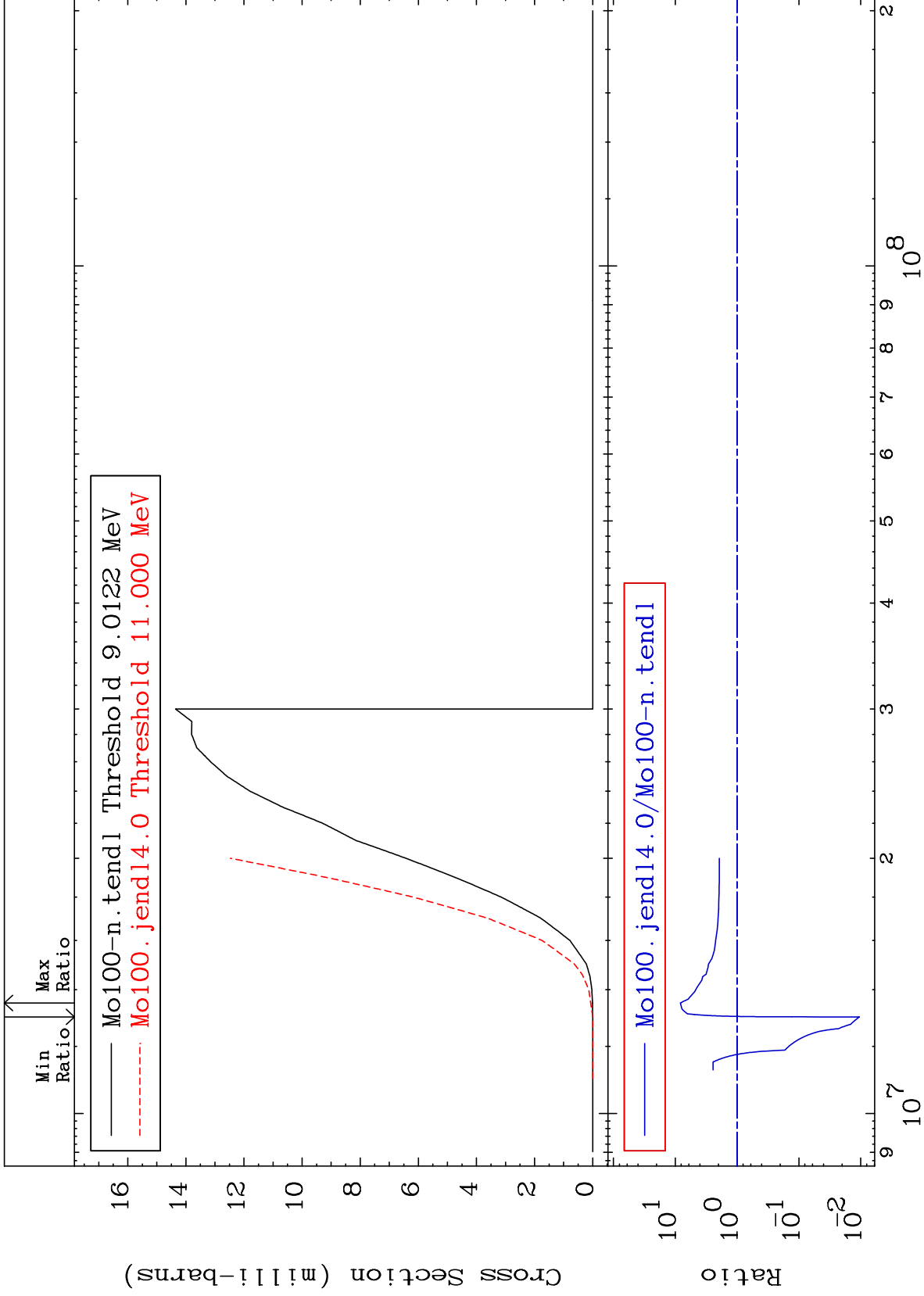
MAT 4249

(n, d)

42-Mo-100

Cross Section

-98.95 To 726.4 %



40

Incident Energy (eV)

42-Mo-100

MAT 4249

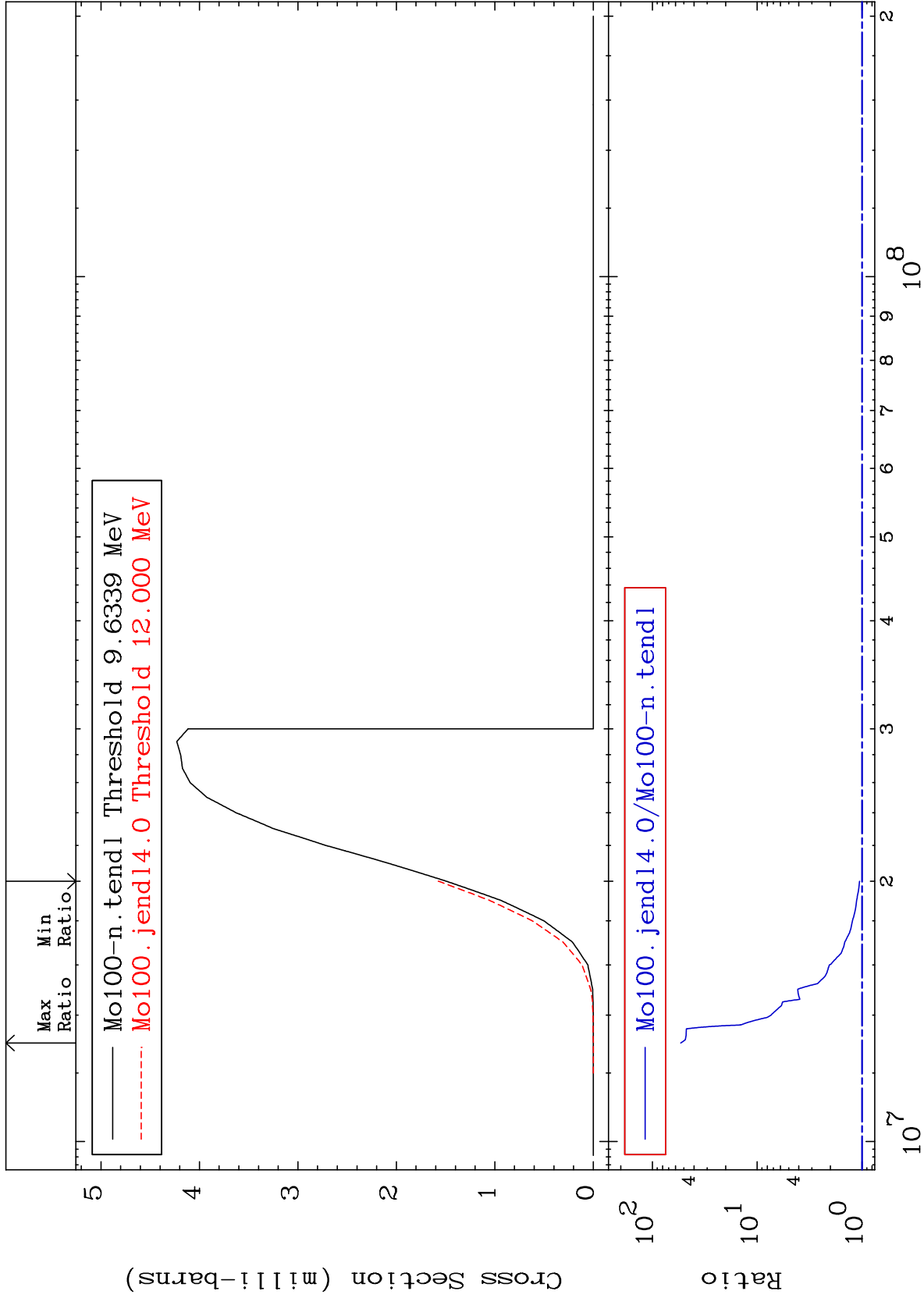
(n, t)

42-Mo-100

Cross Section

5.428

To 5257. %

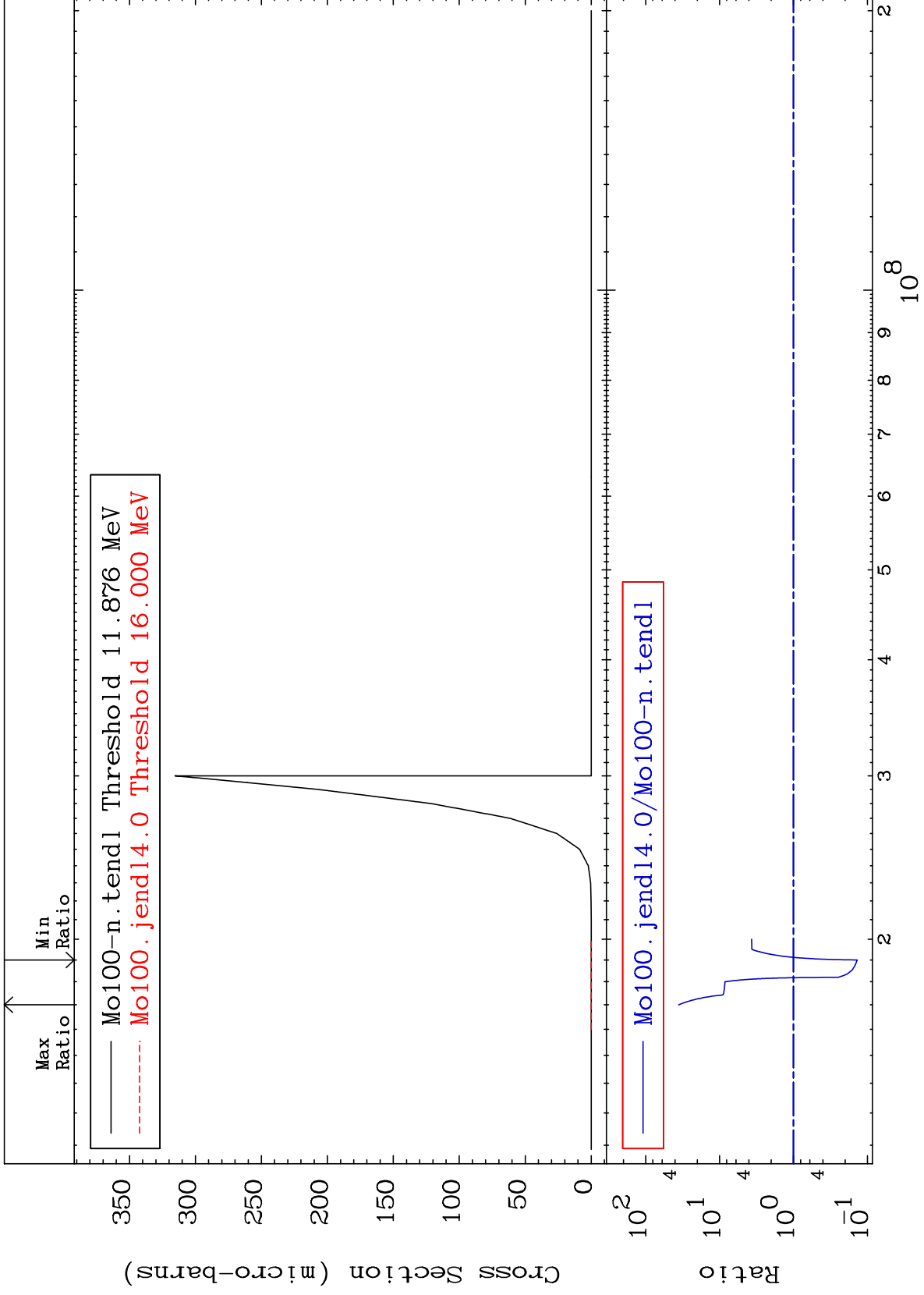


41

MAT 4249

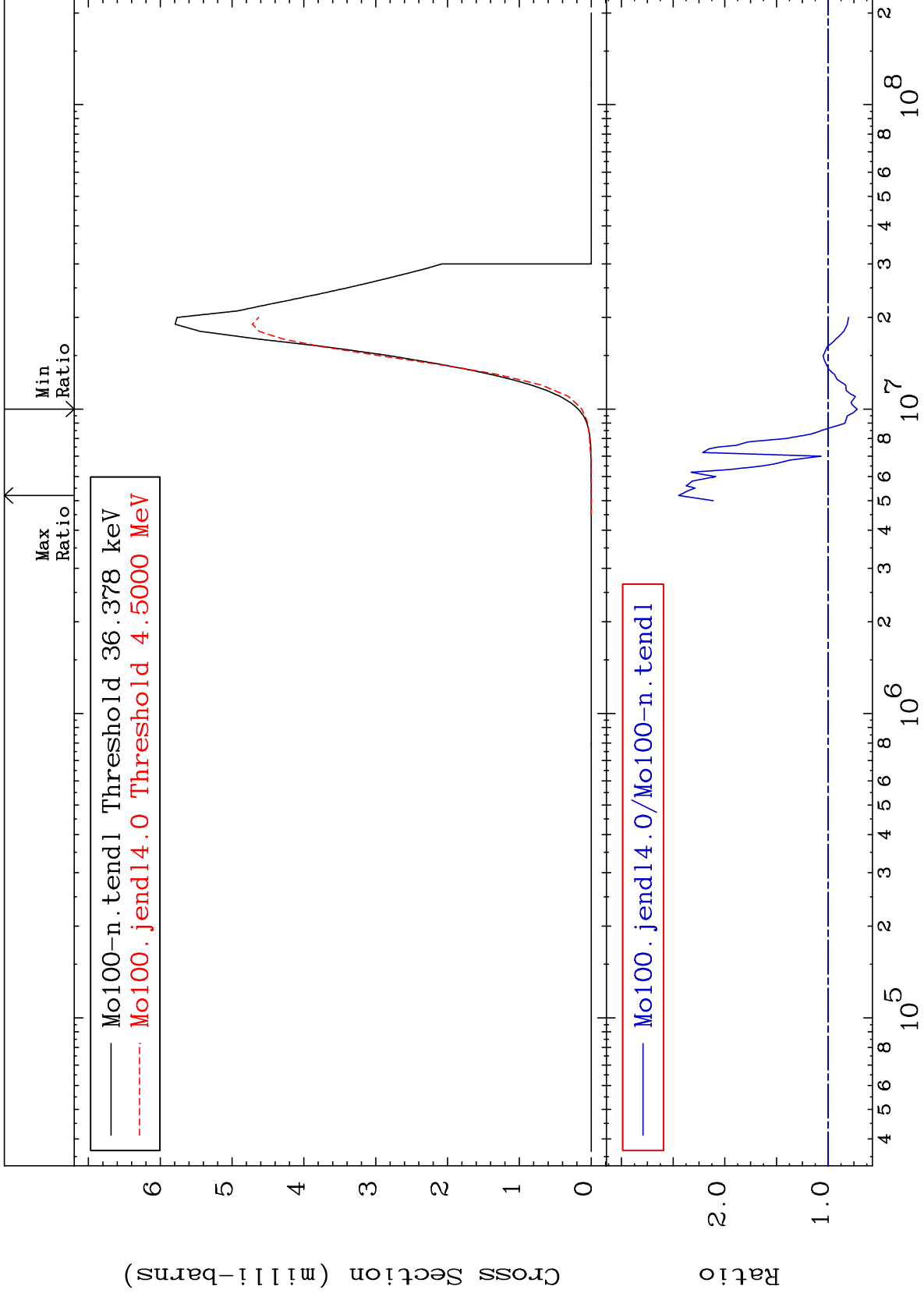
(n,He-3)
Cross Section

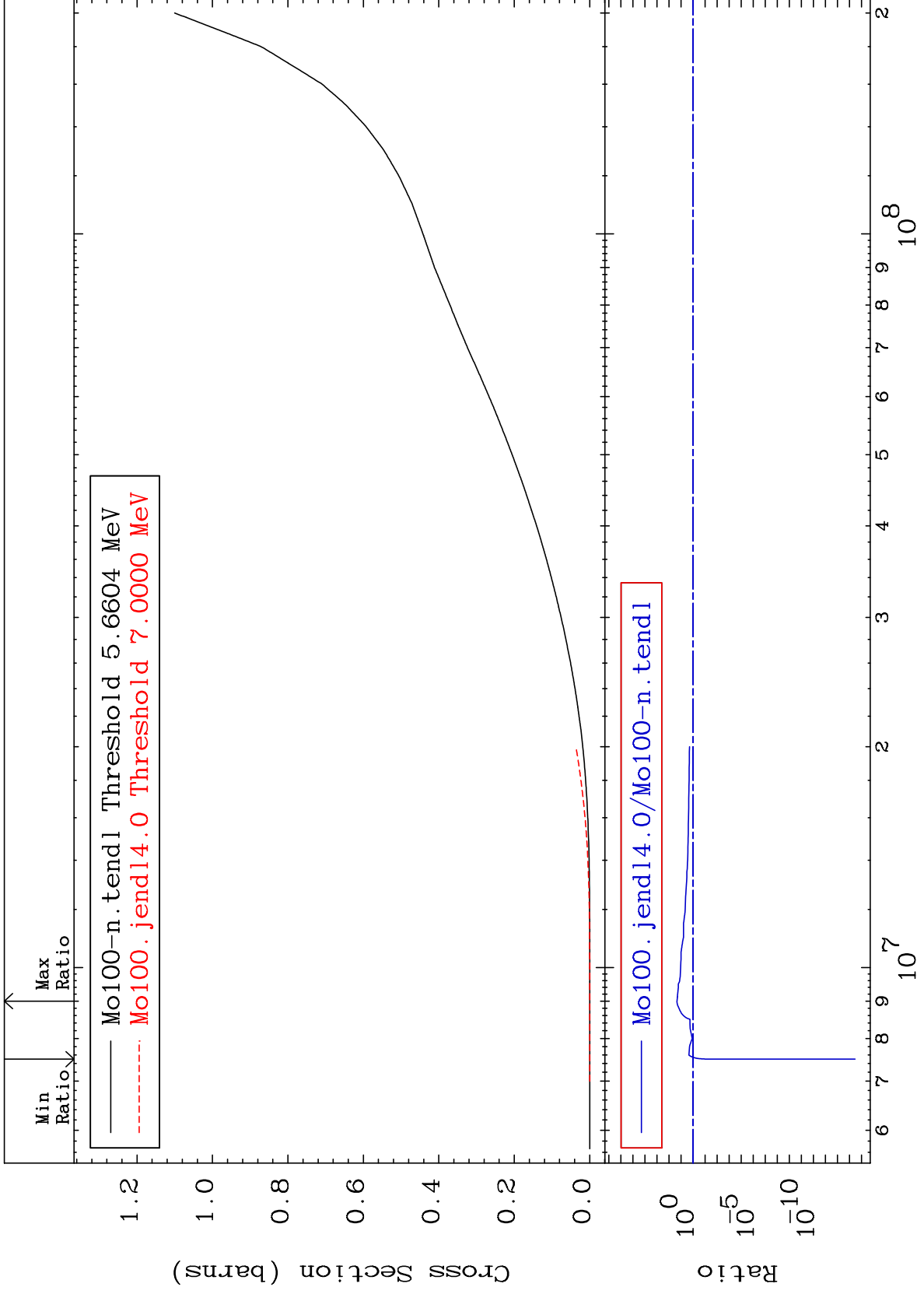
42-Mo-100
-86.31 To 3482. %



MAT 4249

(n, α)
Cross Section
42-Mo-100
-28.19 To 144.7 %

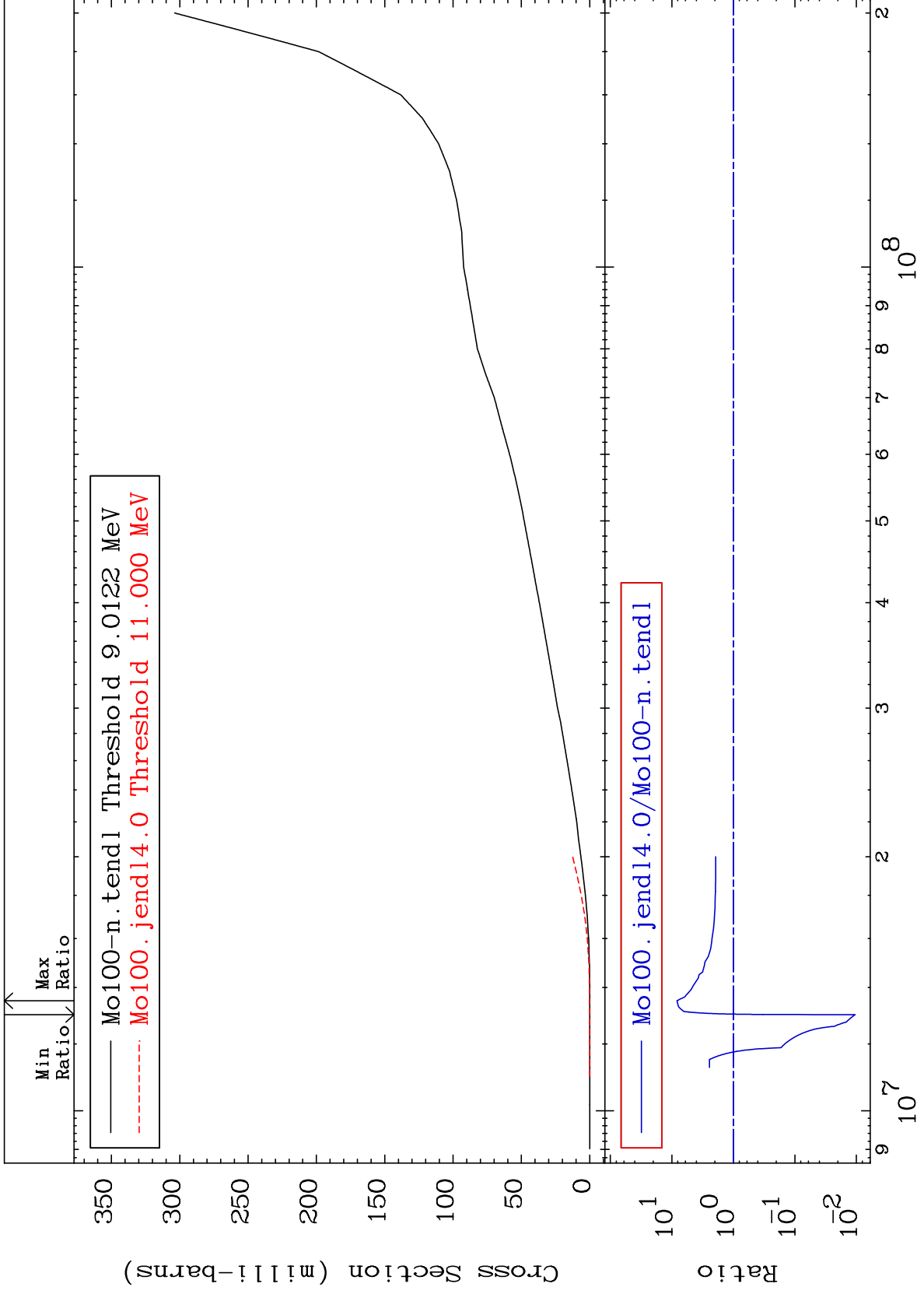




MAT 4249

Deuterium Production
Cross Section

42-Mo-100
-98.95 To 726.4 %



45

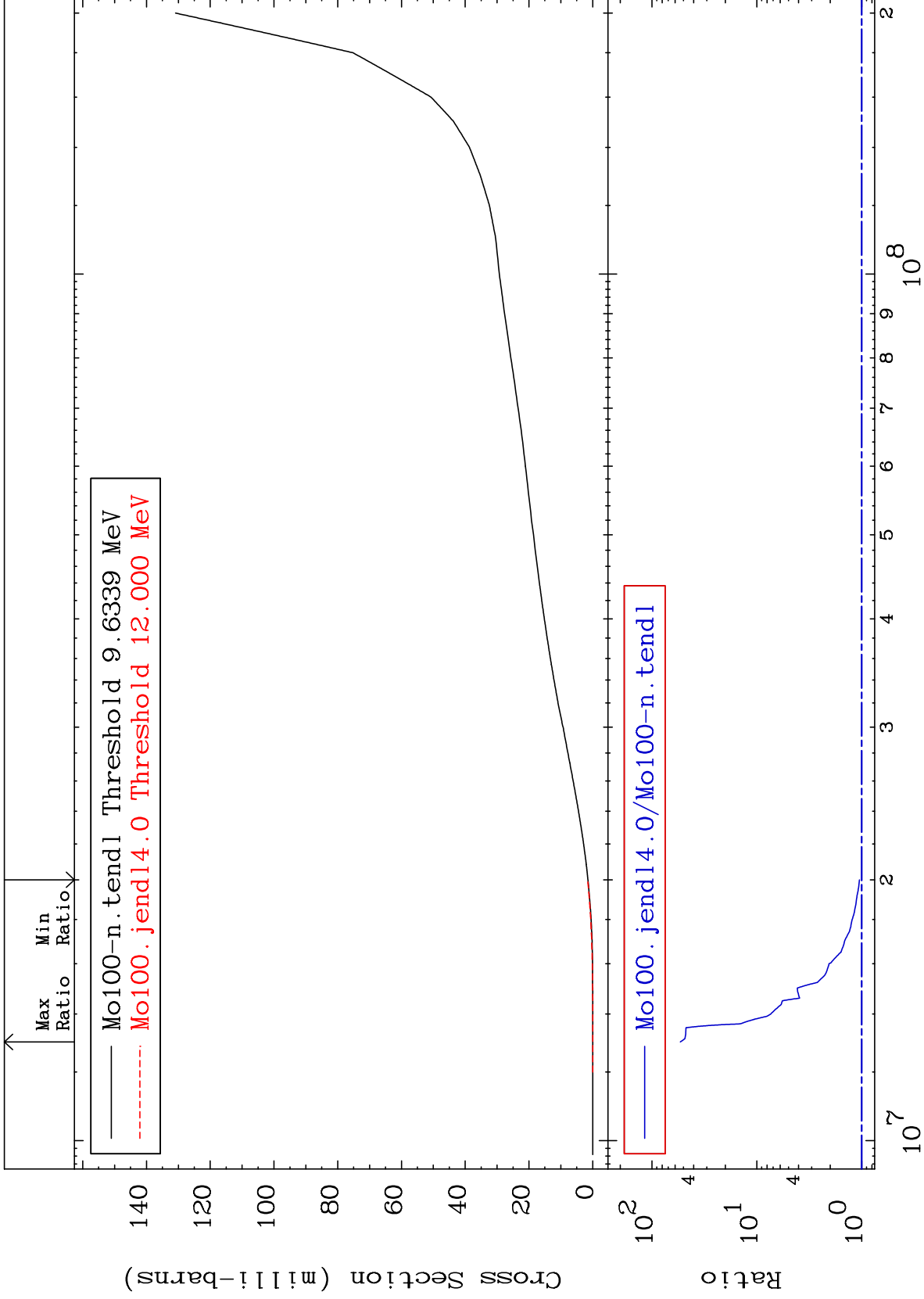
Incident Energy (eV)

42-Mo-100

MAT 4249

Tritium Production
Cross Section

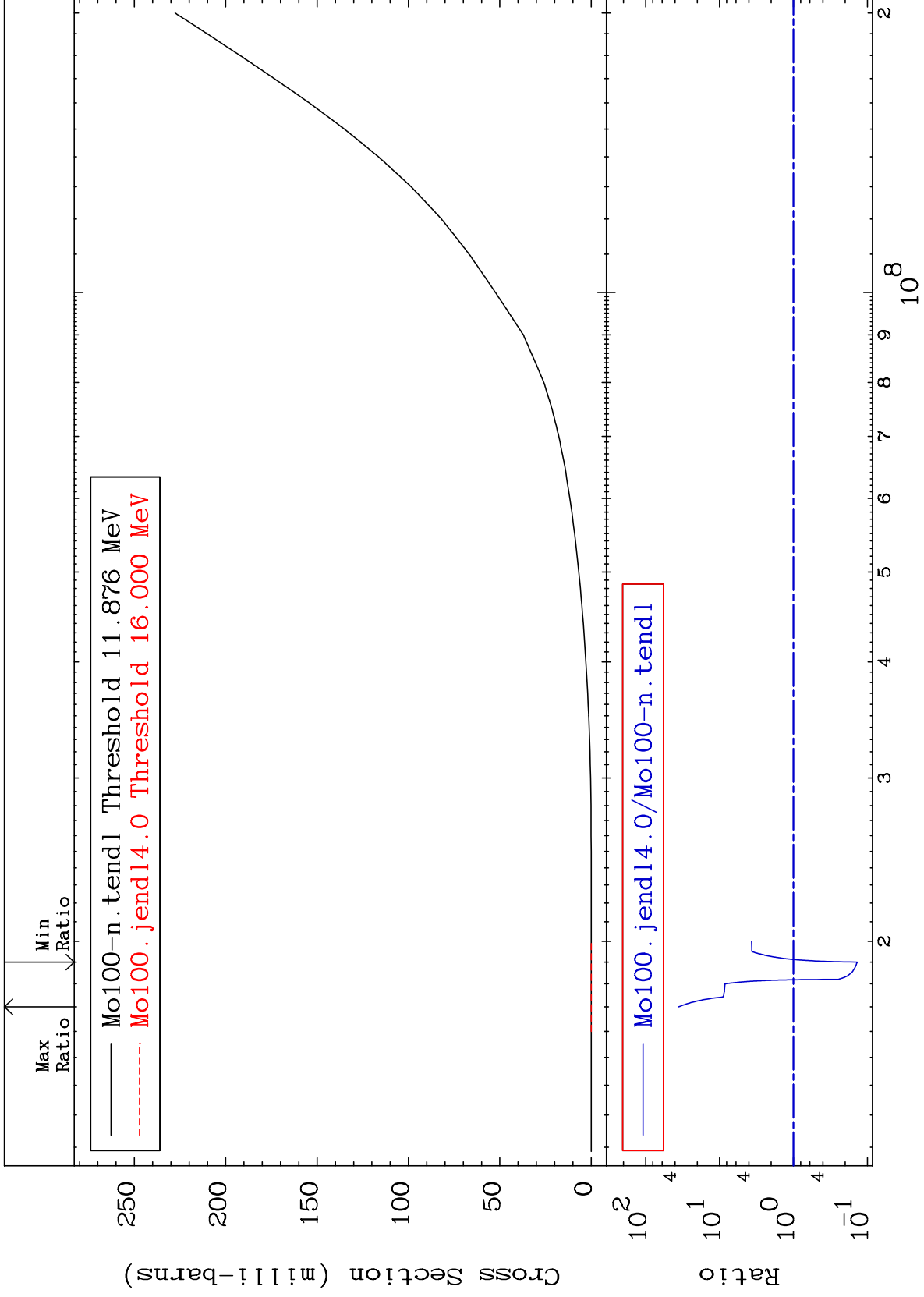
42-Mo-100
5.316 To 5257. %



46

Incident Energy (eV)

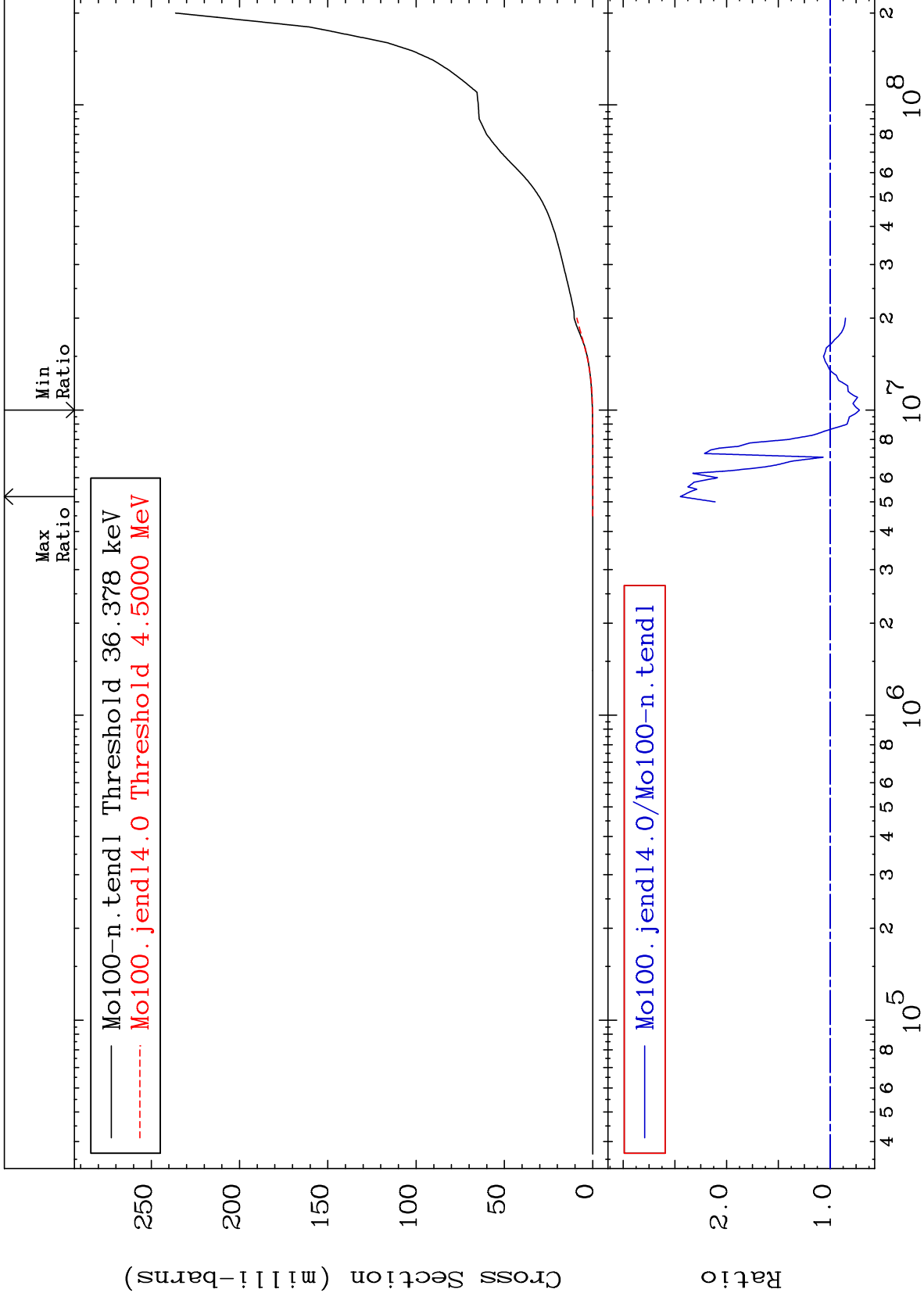
42-Mo-100



MAT 4249

He-4 Production
Cross Section

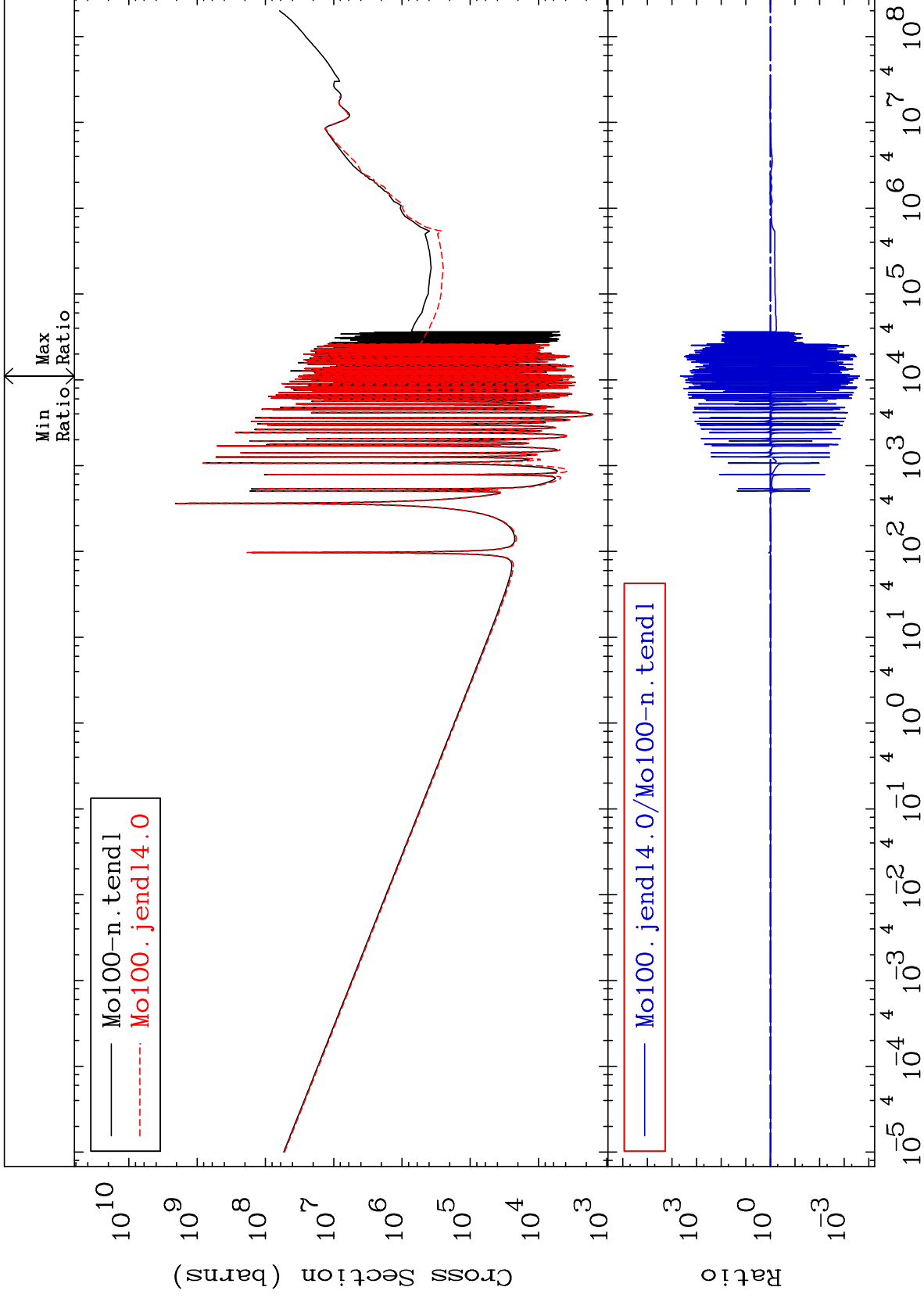
42-Mo-100
-28.26 To 144.7 %



48

Incident Energy (eV)

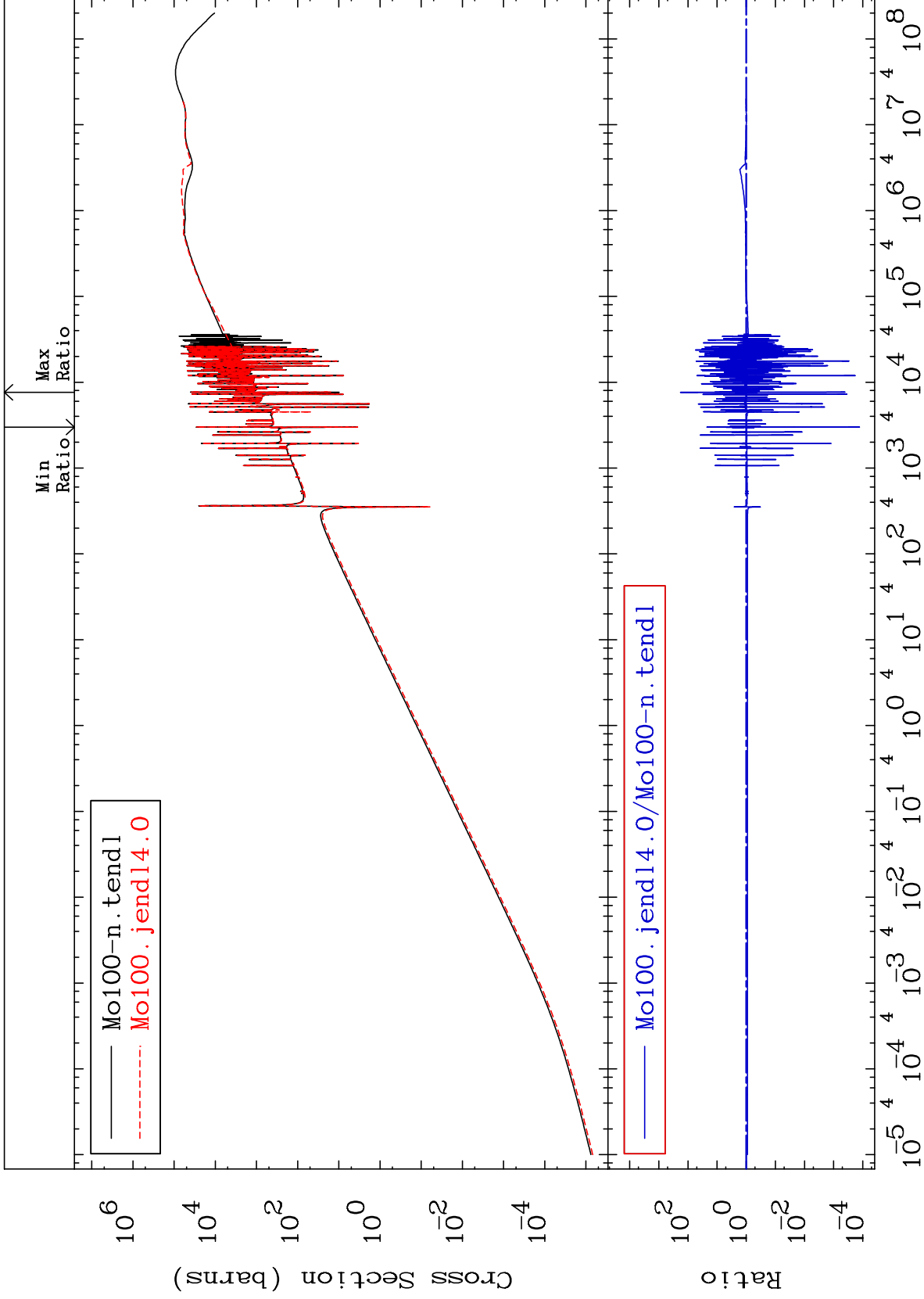
42-Mo-100



MAT 4249

Kerma elastic
Cross Section

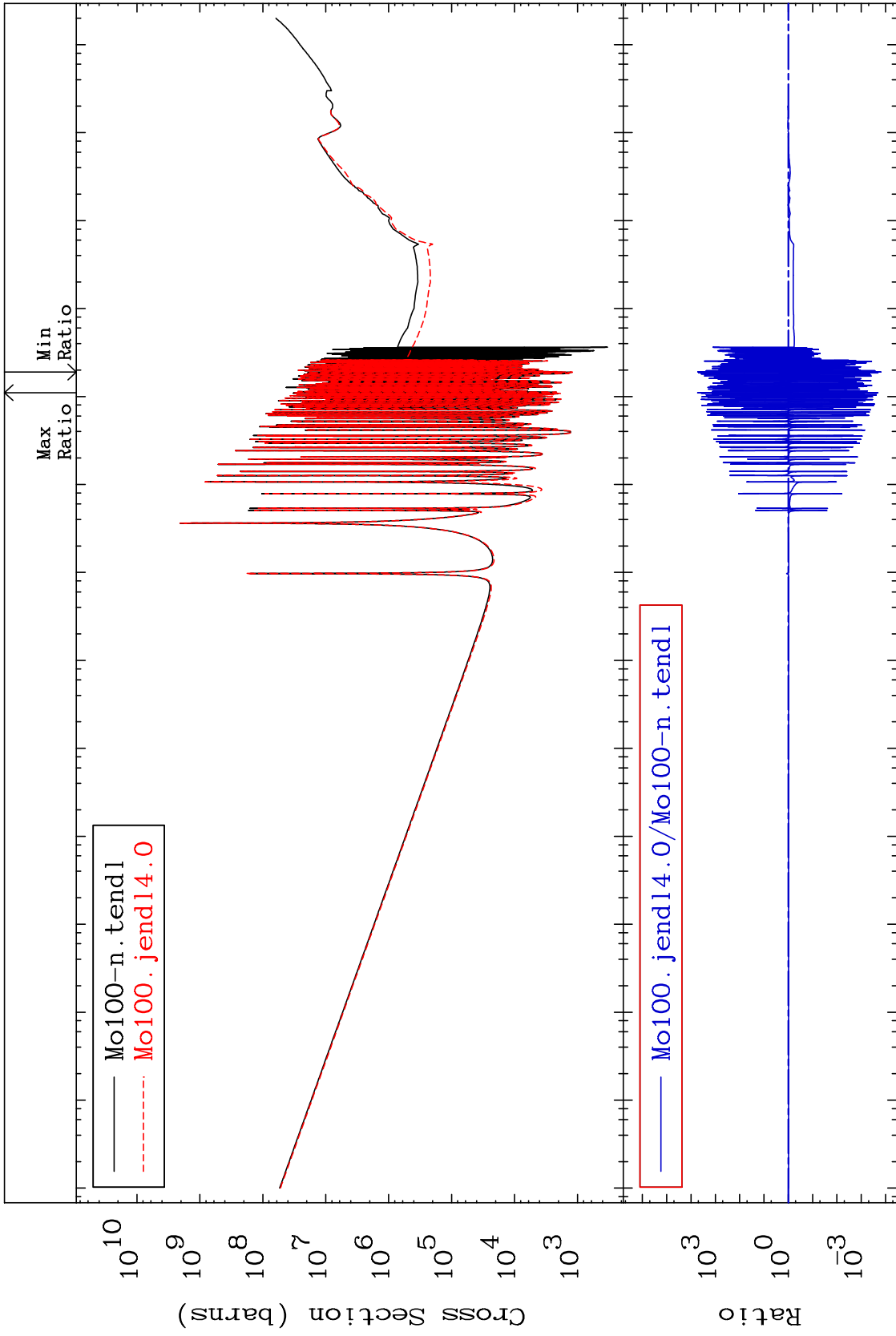
42-Mo-100
-99.99 To 9999. %

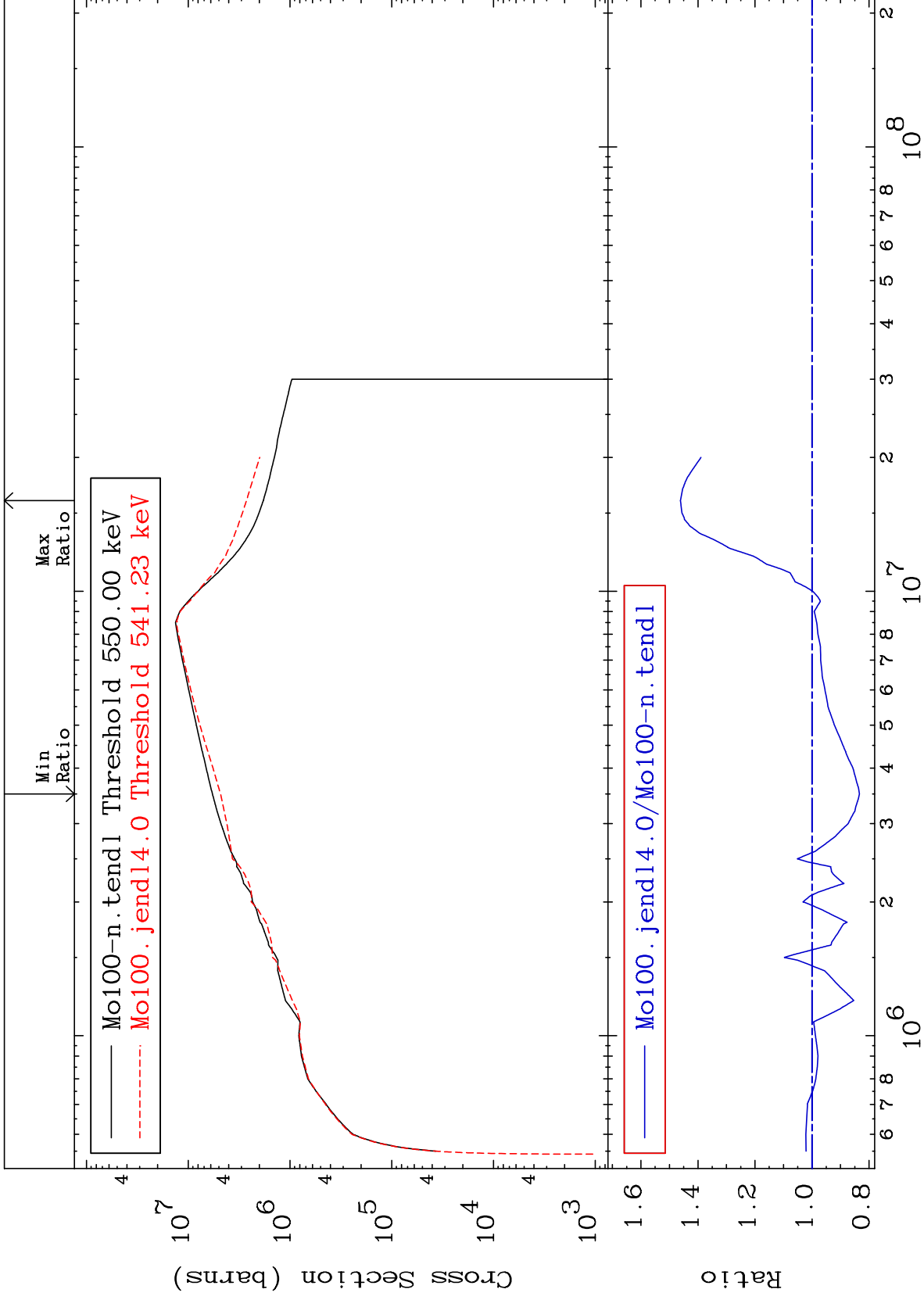


50

Incident Energy (eV)

42-Mo-100

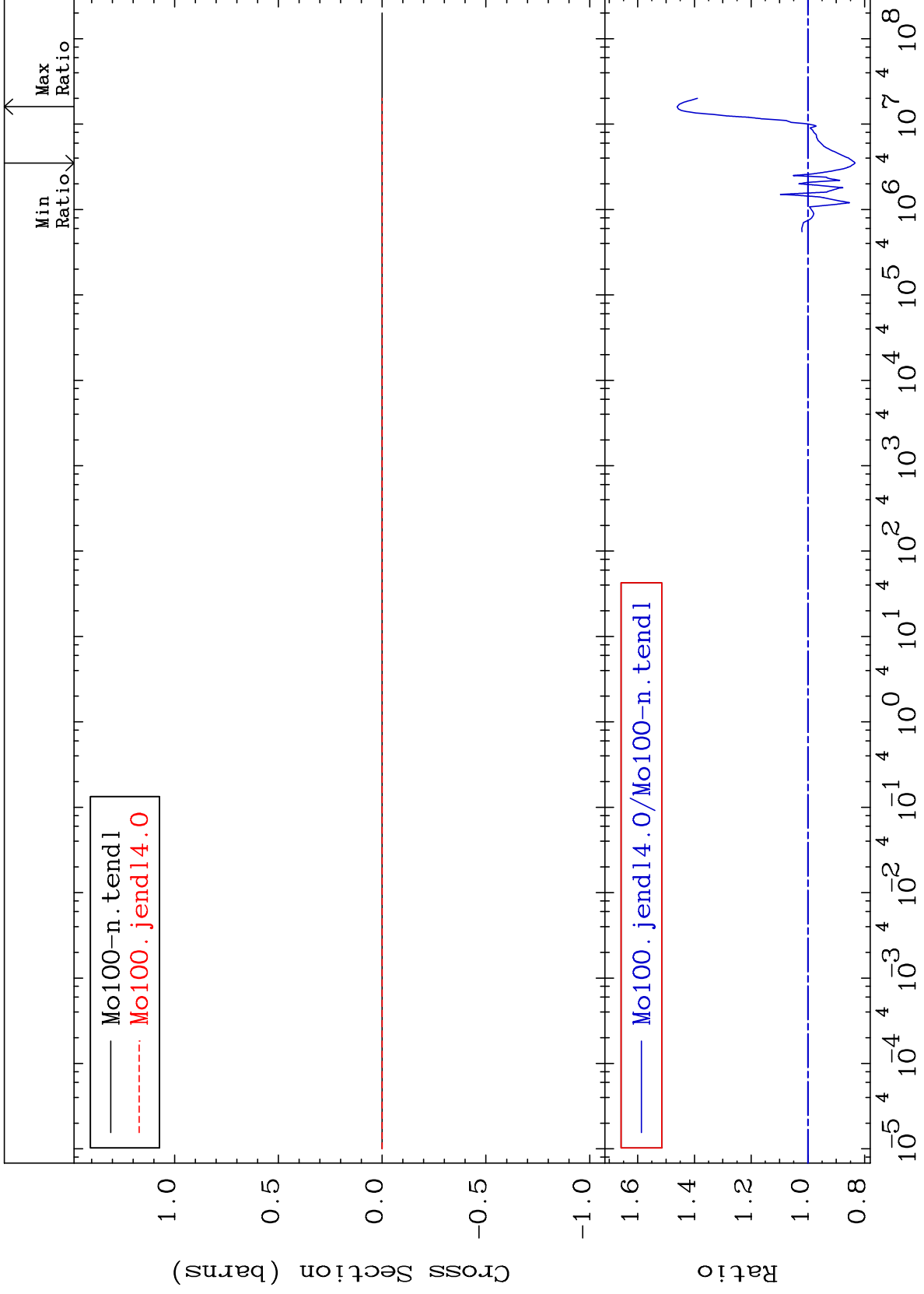


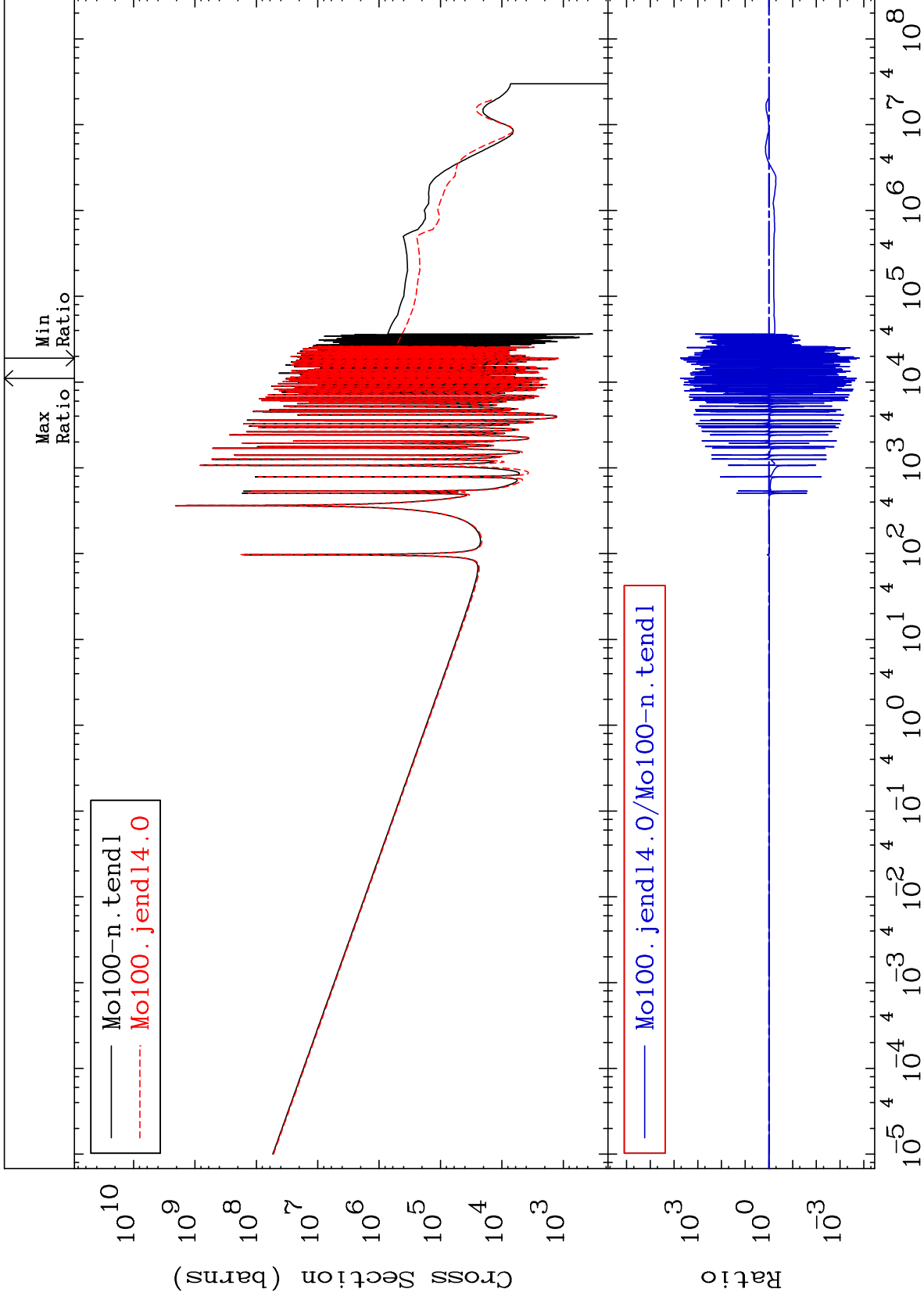


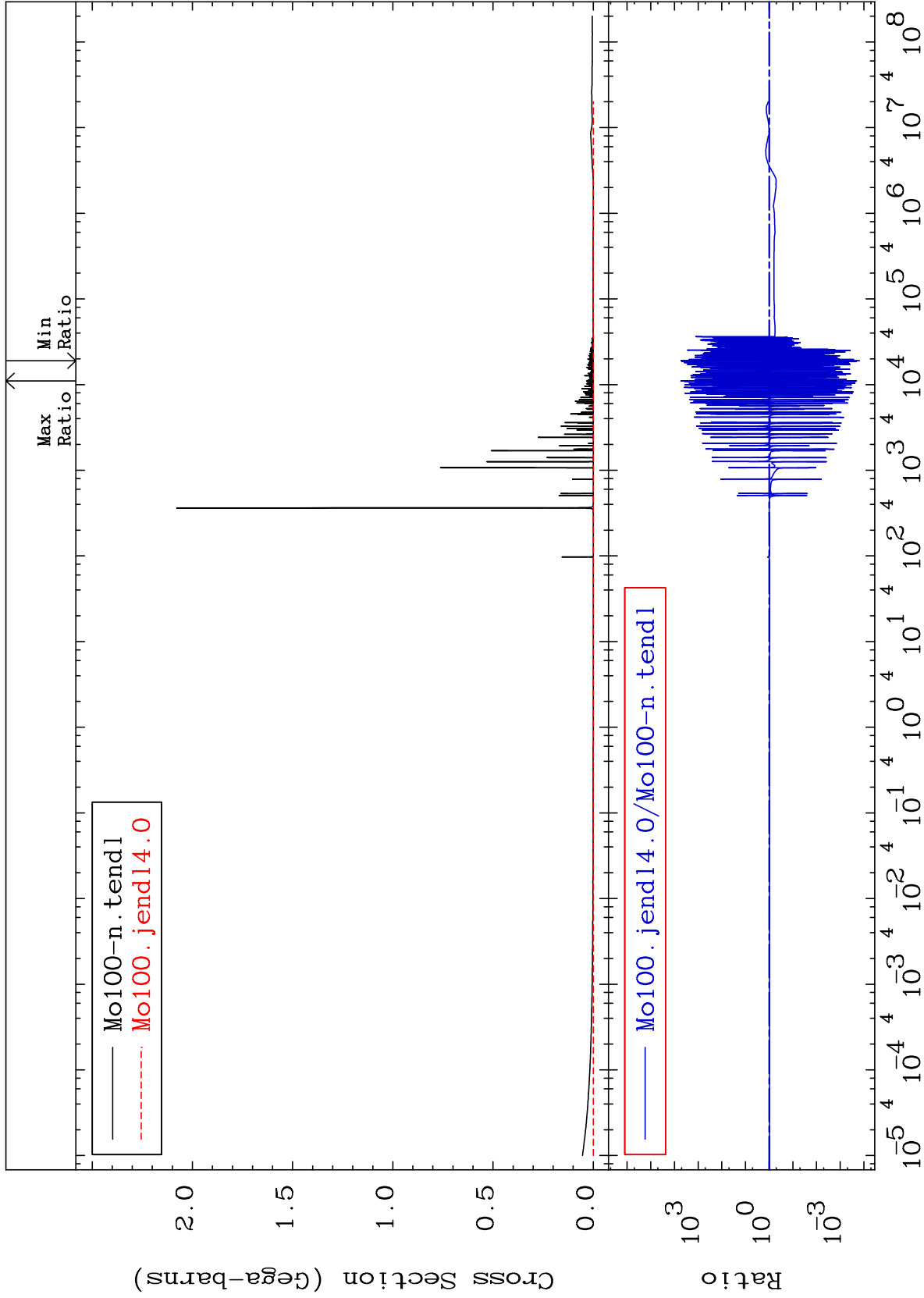
MAT 4249

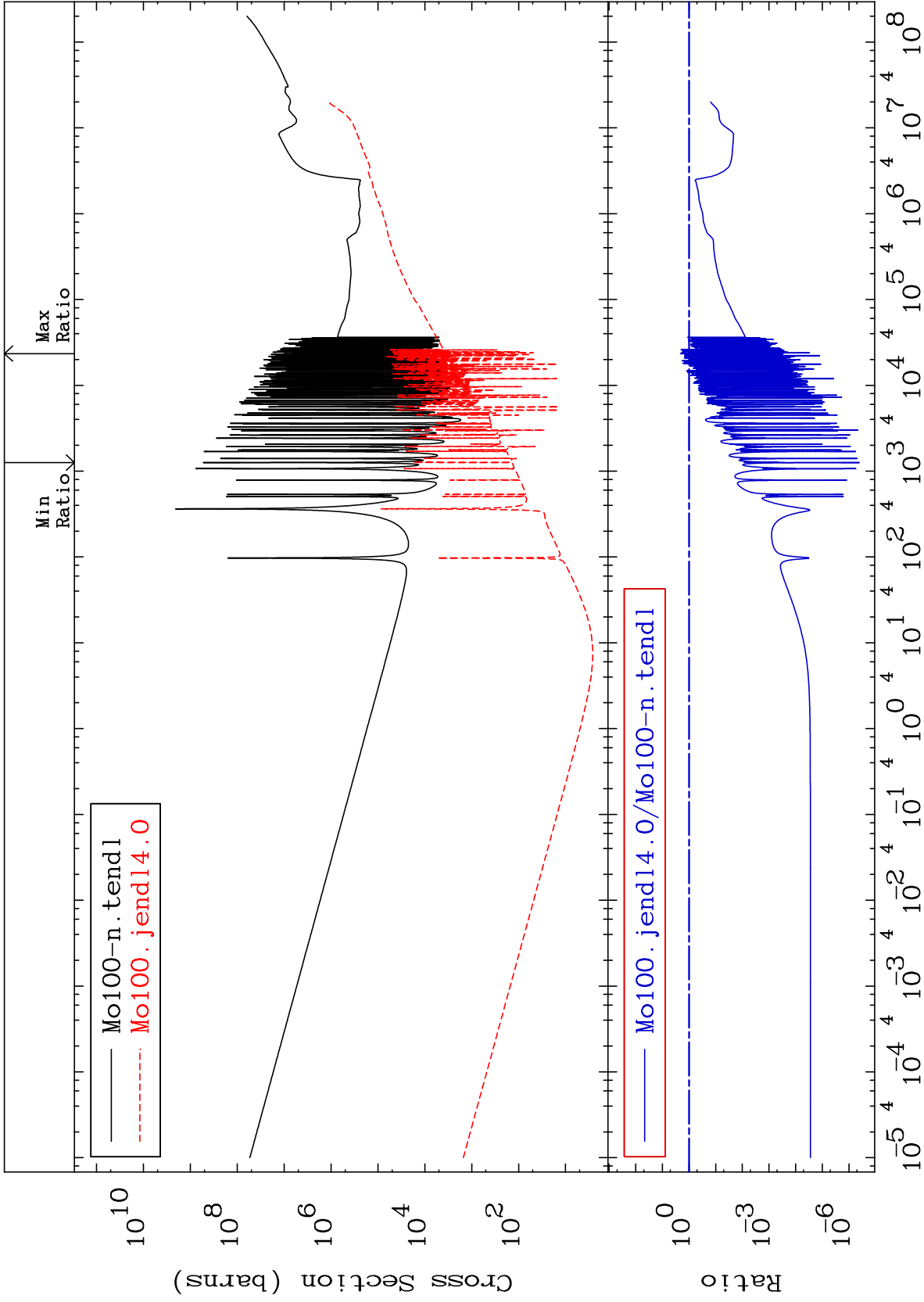
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

42-Mo-100
-16.64 To 46.16 %





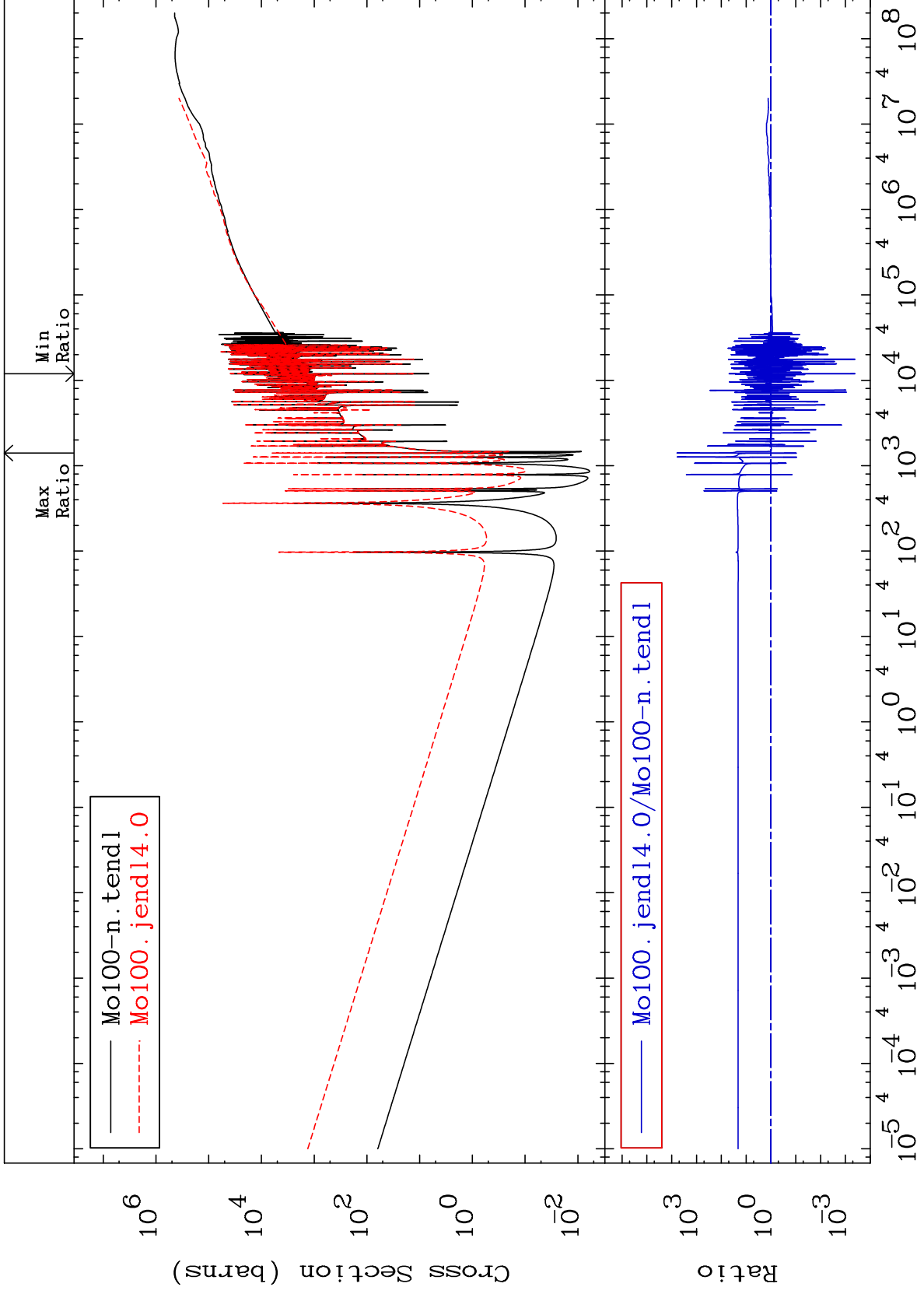




MAT 4249

Dpa total (eV-barns)
Cross Section

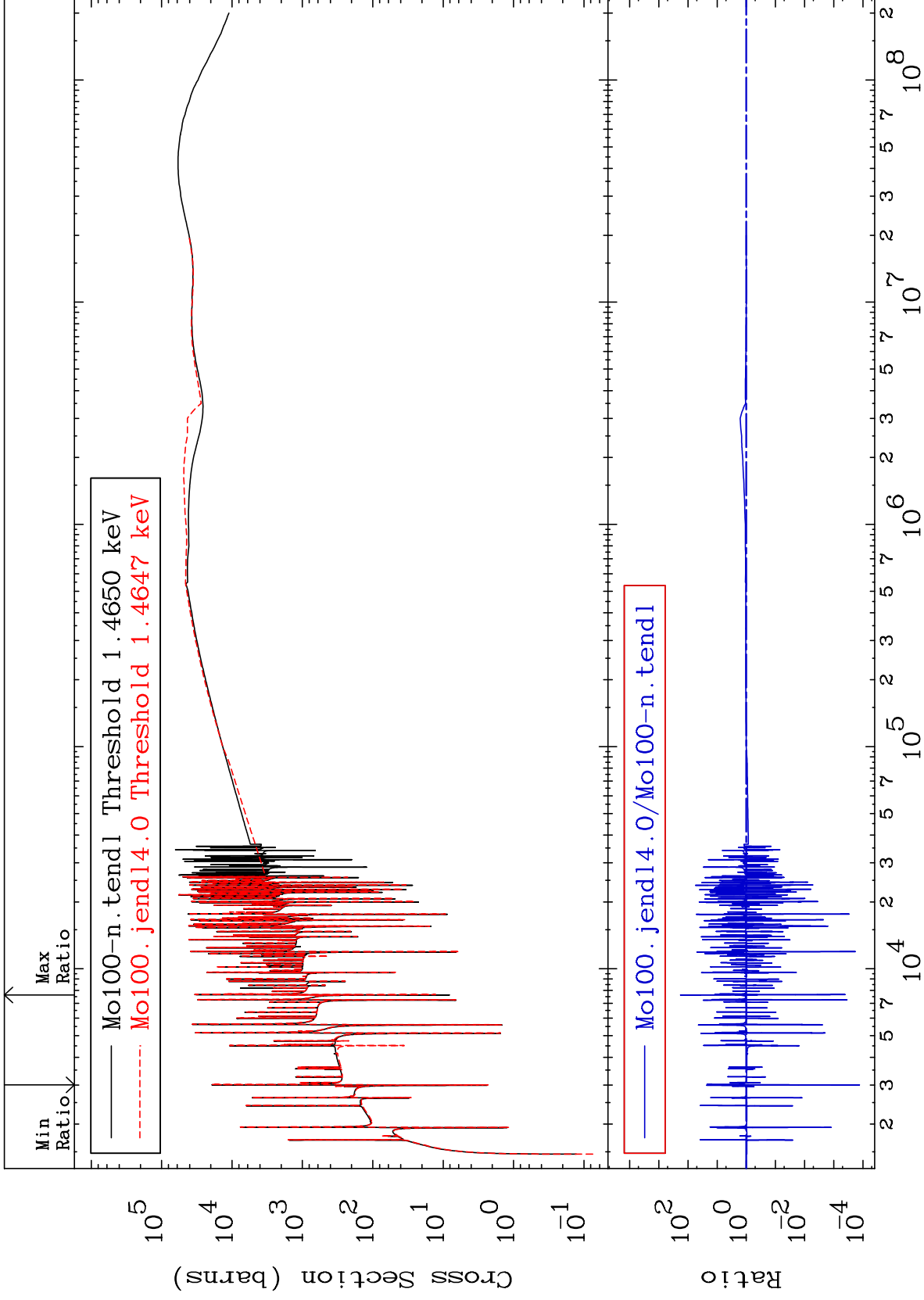
42-Mo-100
-99.96 To 9999. %



57

Incident Energy (eV)

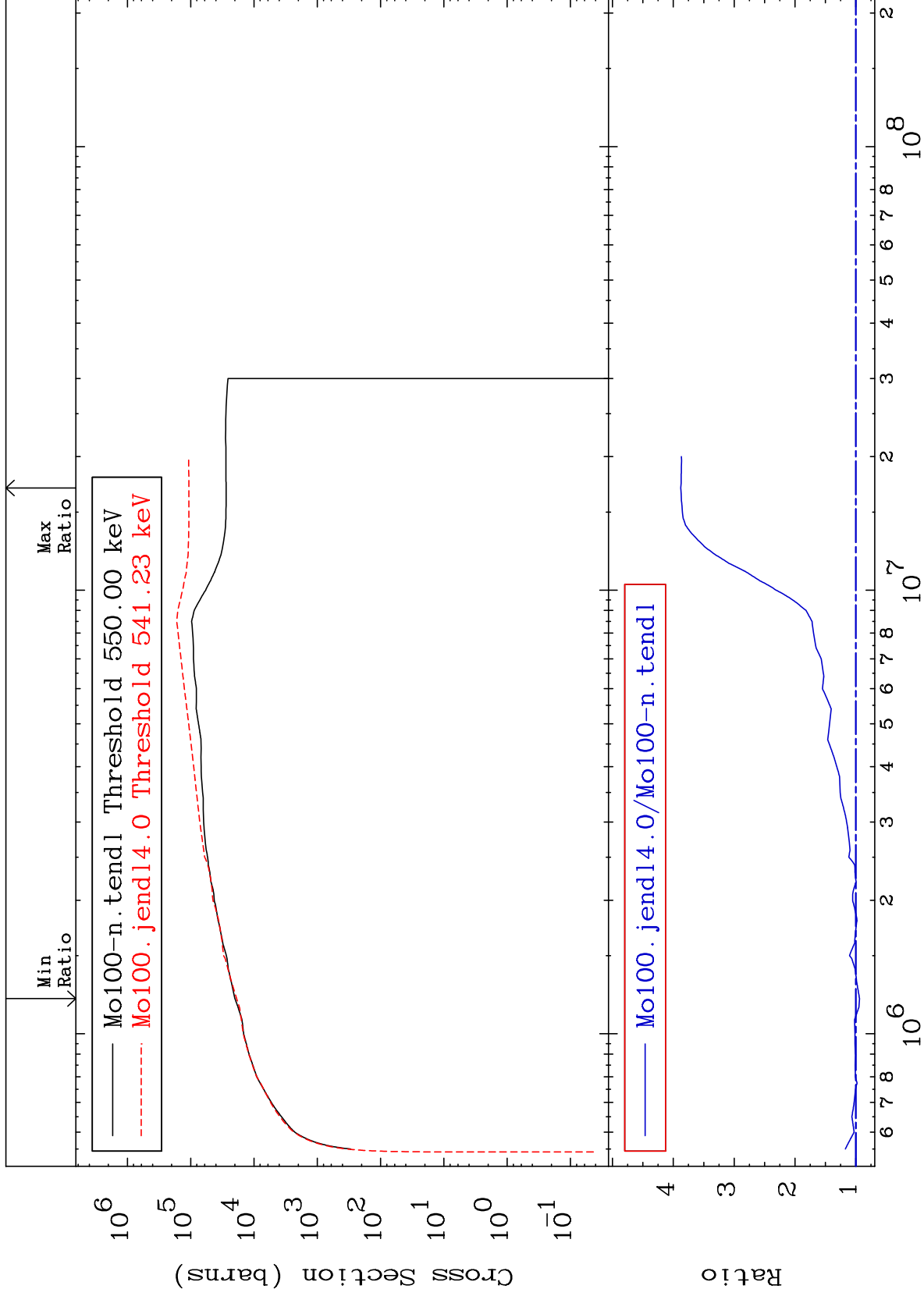
42-Mo-100



MAT 4249

Dpa inelastic (mt51-91)
Cross Section

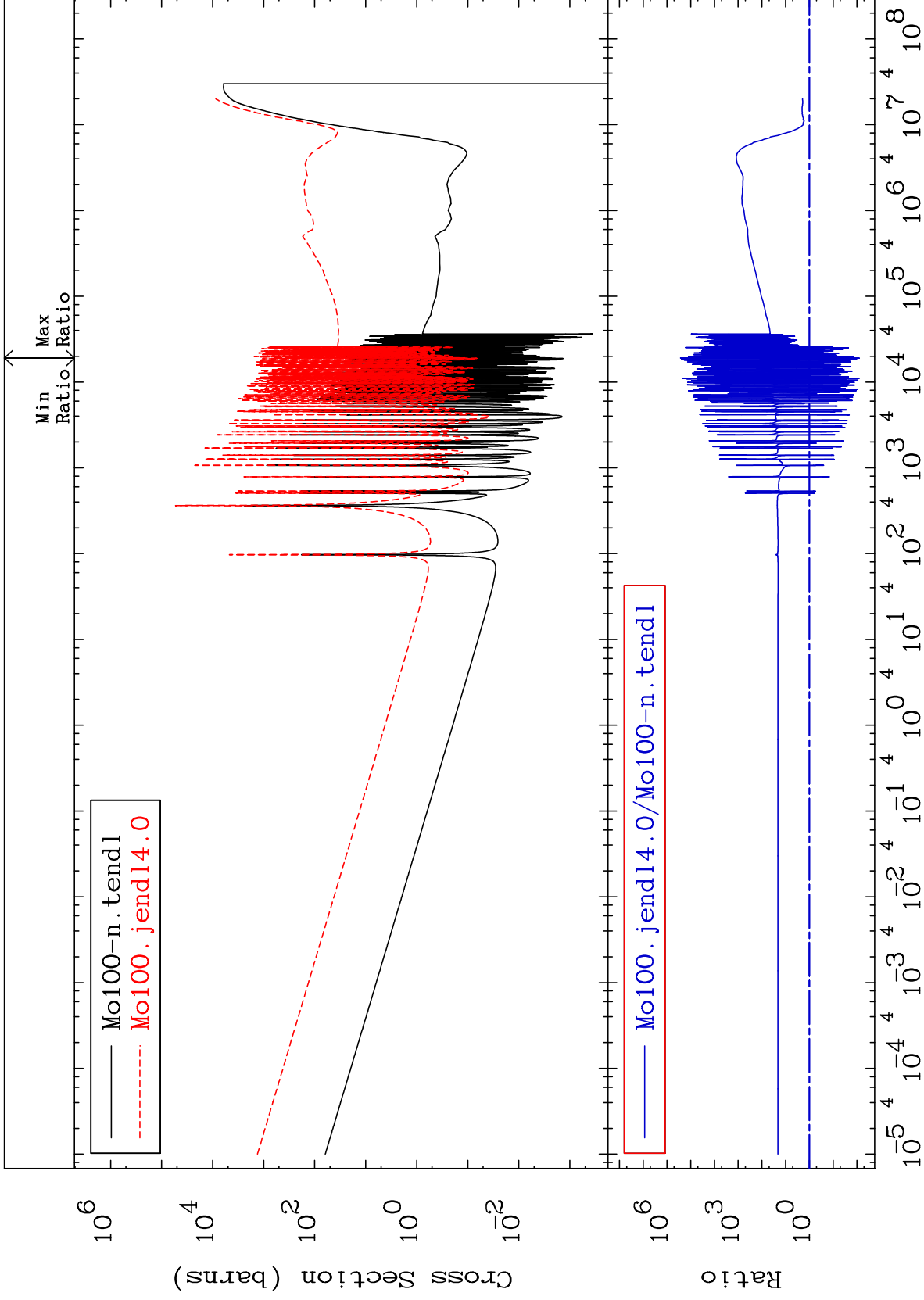
42-Mo-100
-6.044 To 287.7 %



MAT 4249

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-100
-99.22 To 9999. %



60

Incident Energy (eV)

42-Mo-100