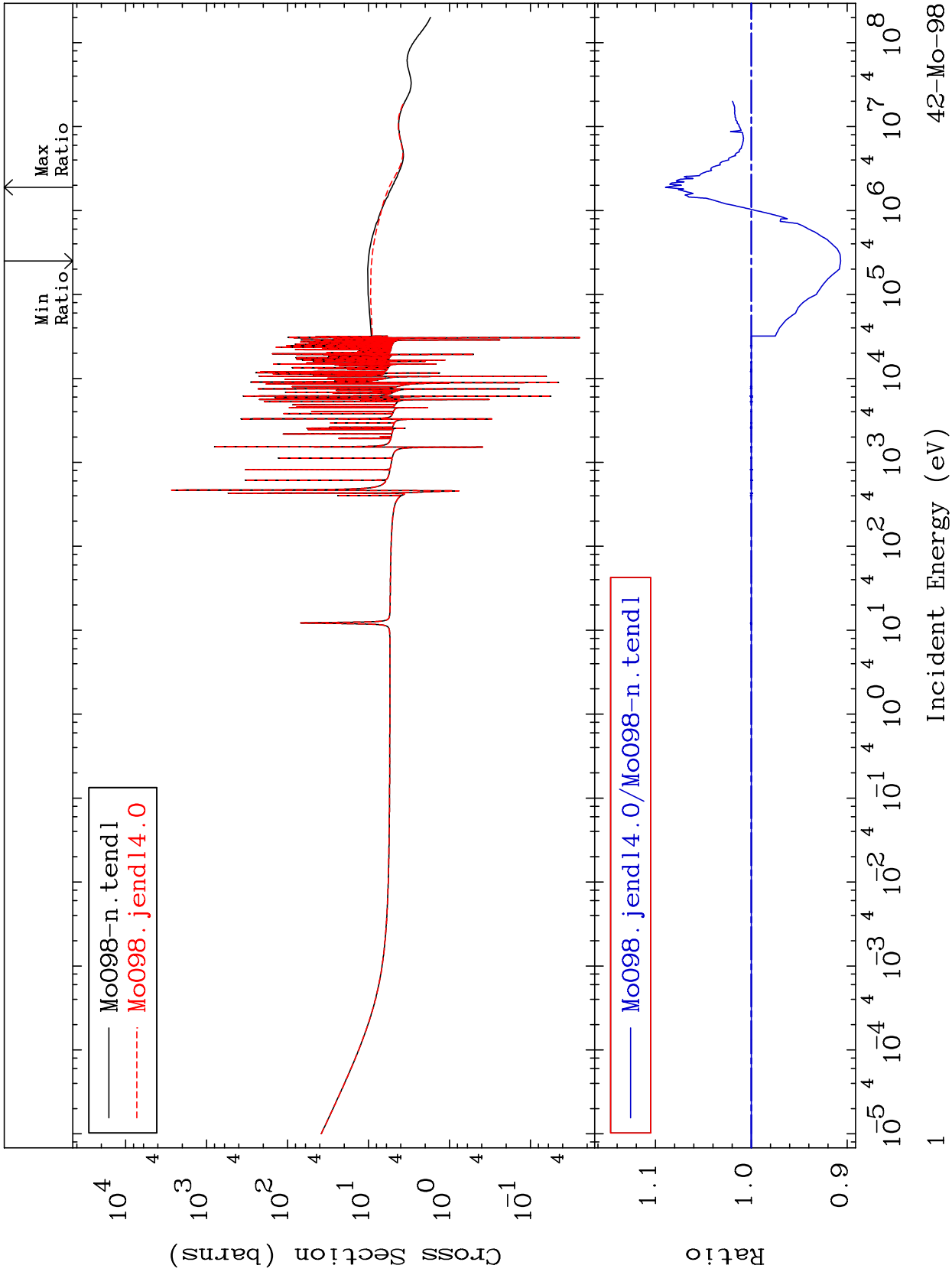


MAT 4243

Total
Cross Section

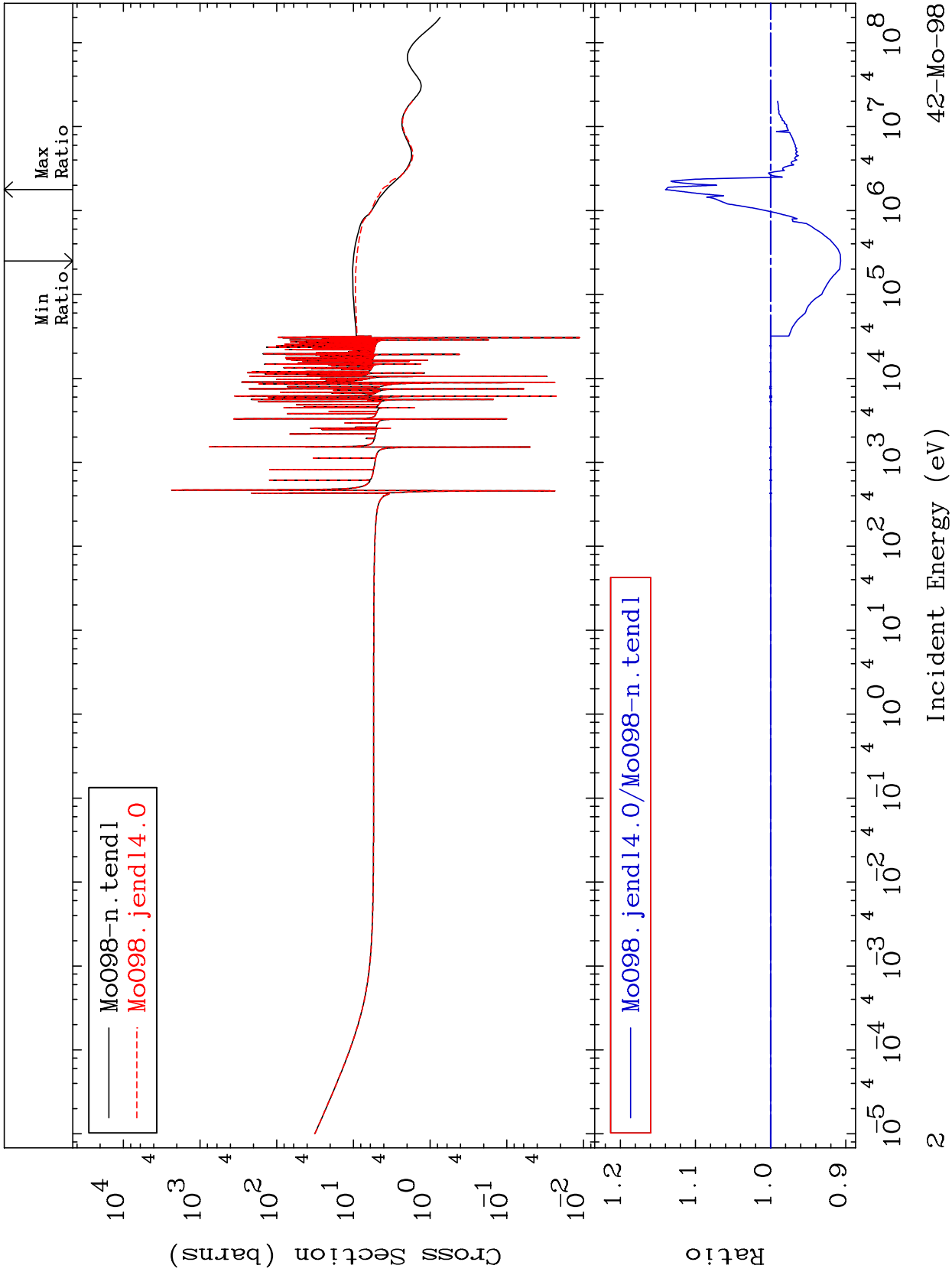
42-Mo-98
-9.323 To 8.946 %



MAT 4243

Elastic
Cross Section

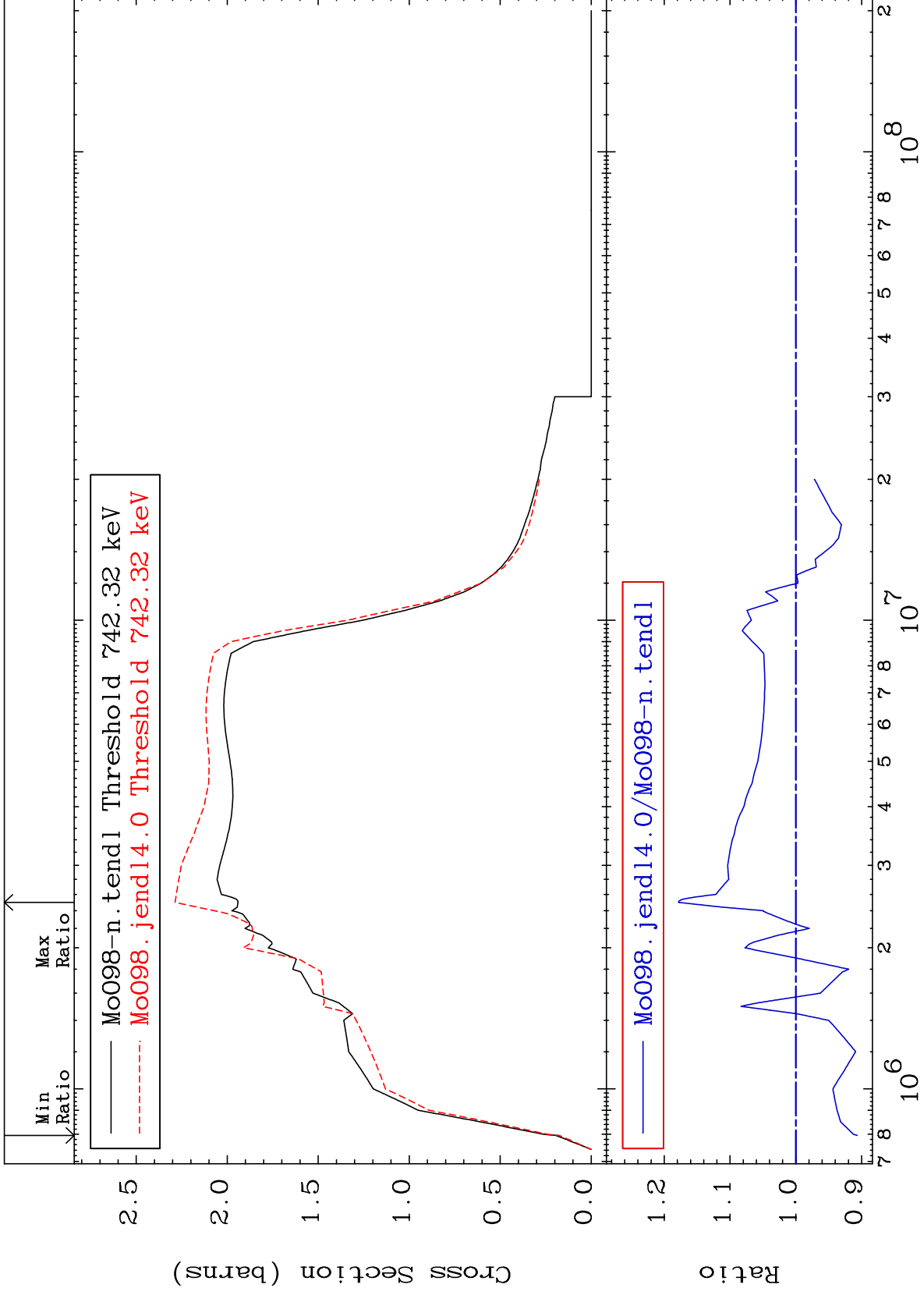
42-Mo-98
-9.316 To 13.99 %



MAT 4243

Inelastic
Cross Section

42-Mo-98
-9.337 To 17.81 %



3

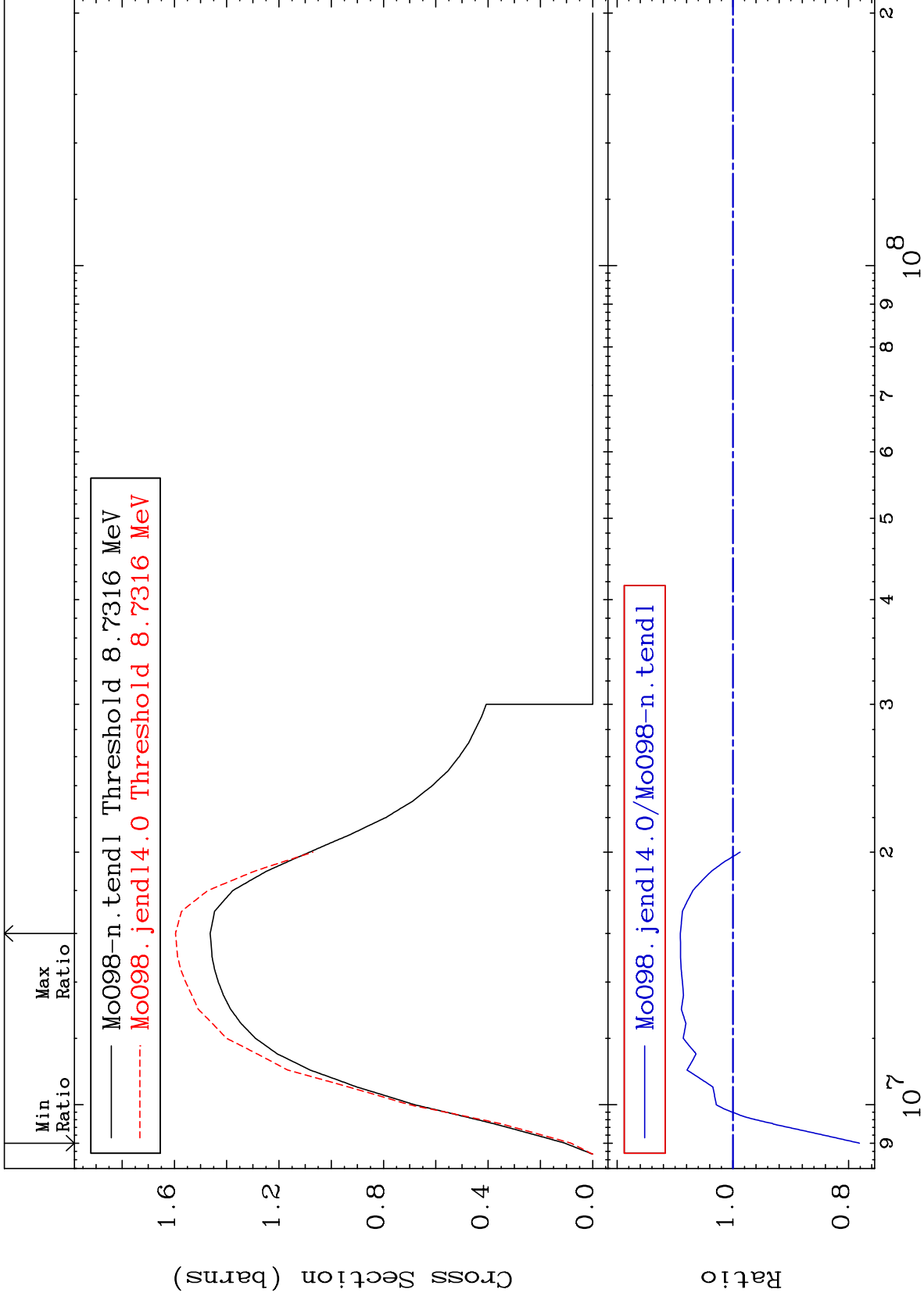
Incident Energy (eV)

42-Mo-98

MAT 4243

(n,2n)
Cross Section

42-Mo-98
-21.86 To 9.088 %



4

Incident Energy (eV)

42-Mo-98

MAT 4243

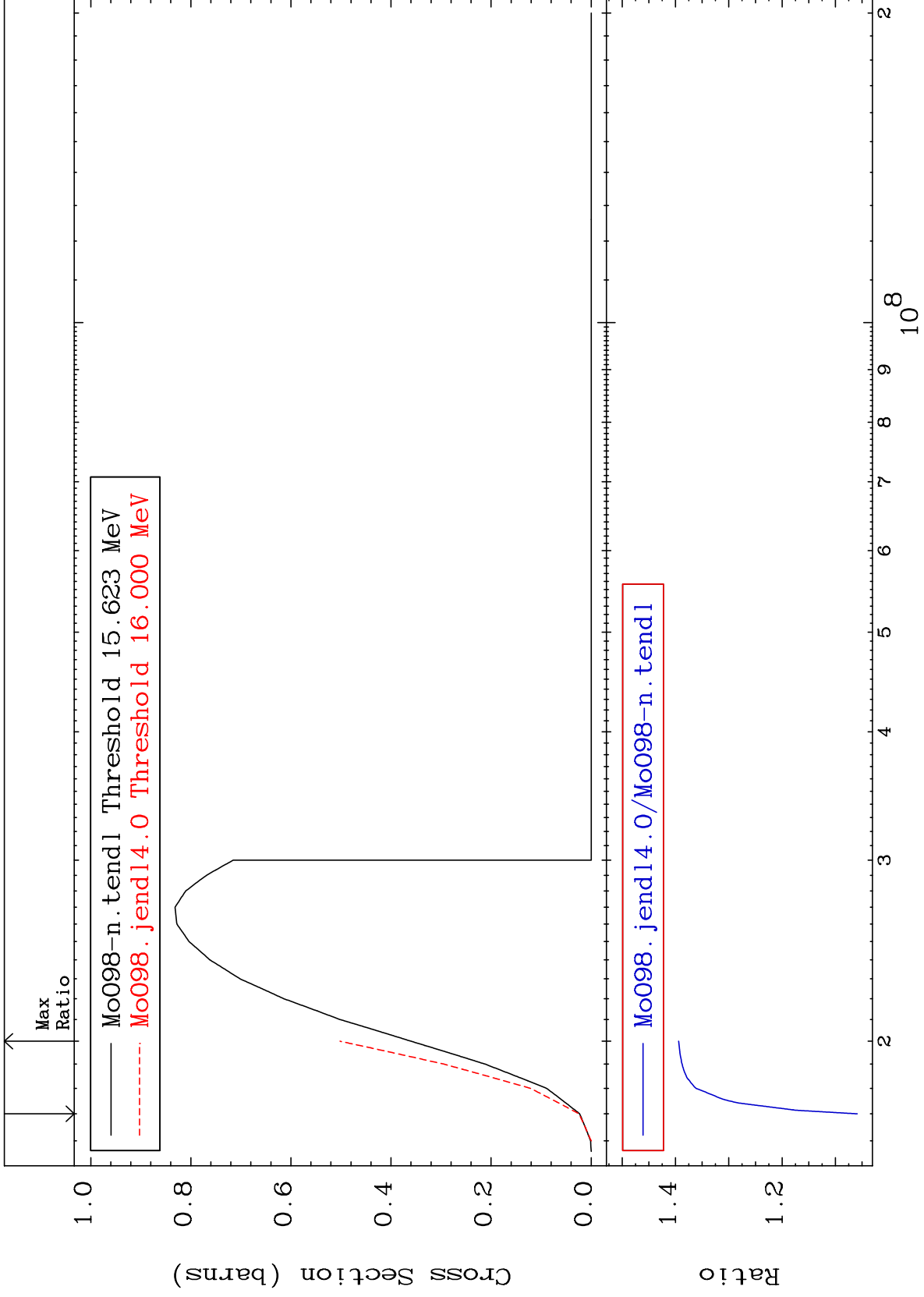
(n,3n)

42-Mo-98

Cross Section

5.898

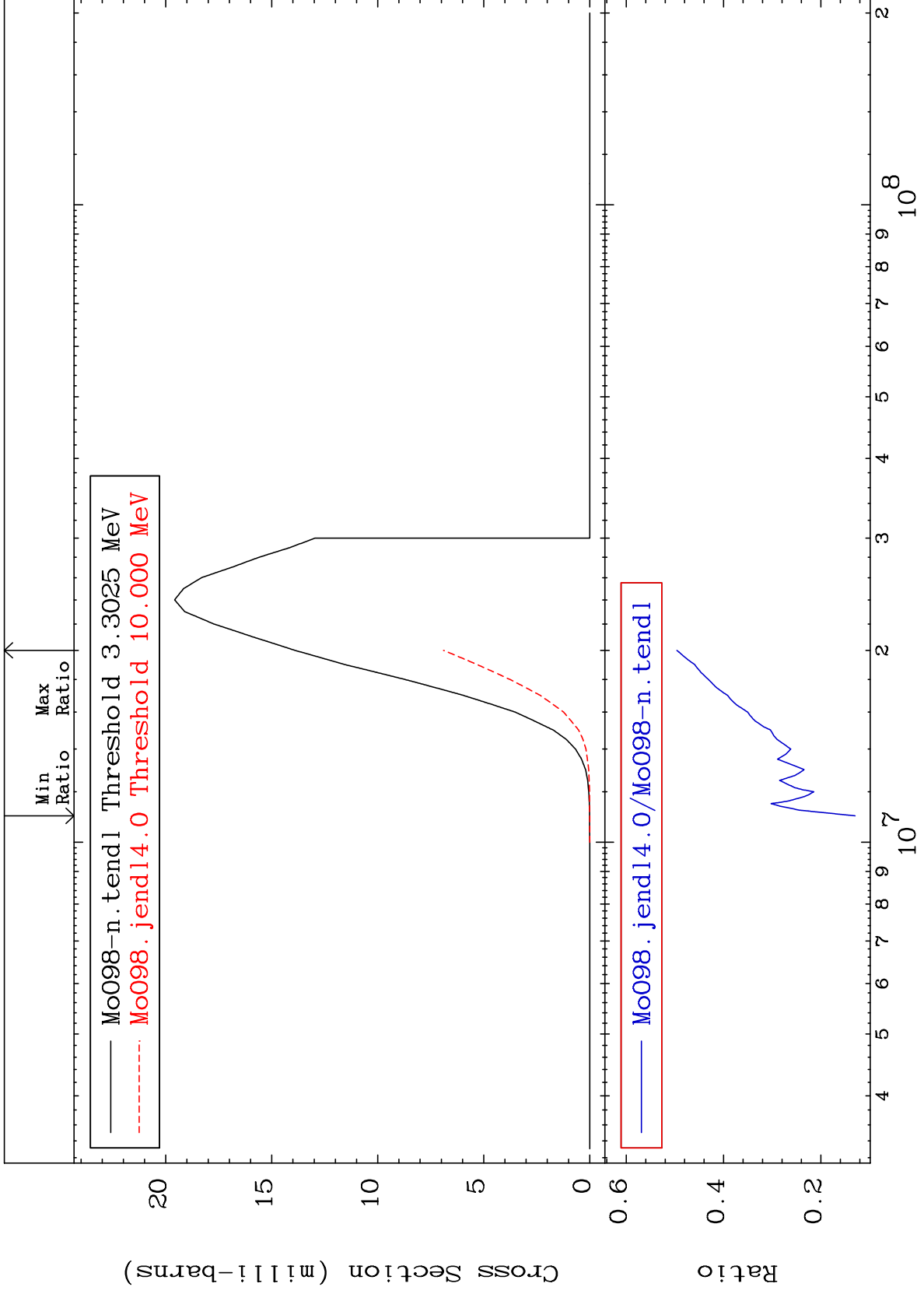
To 39.41 %



MAT 4243

(n,n') α
Cross Section

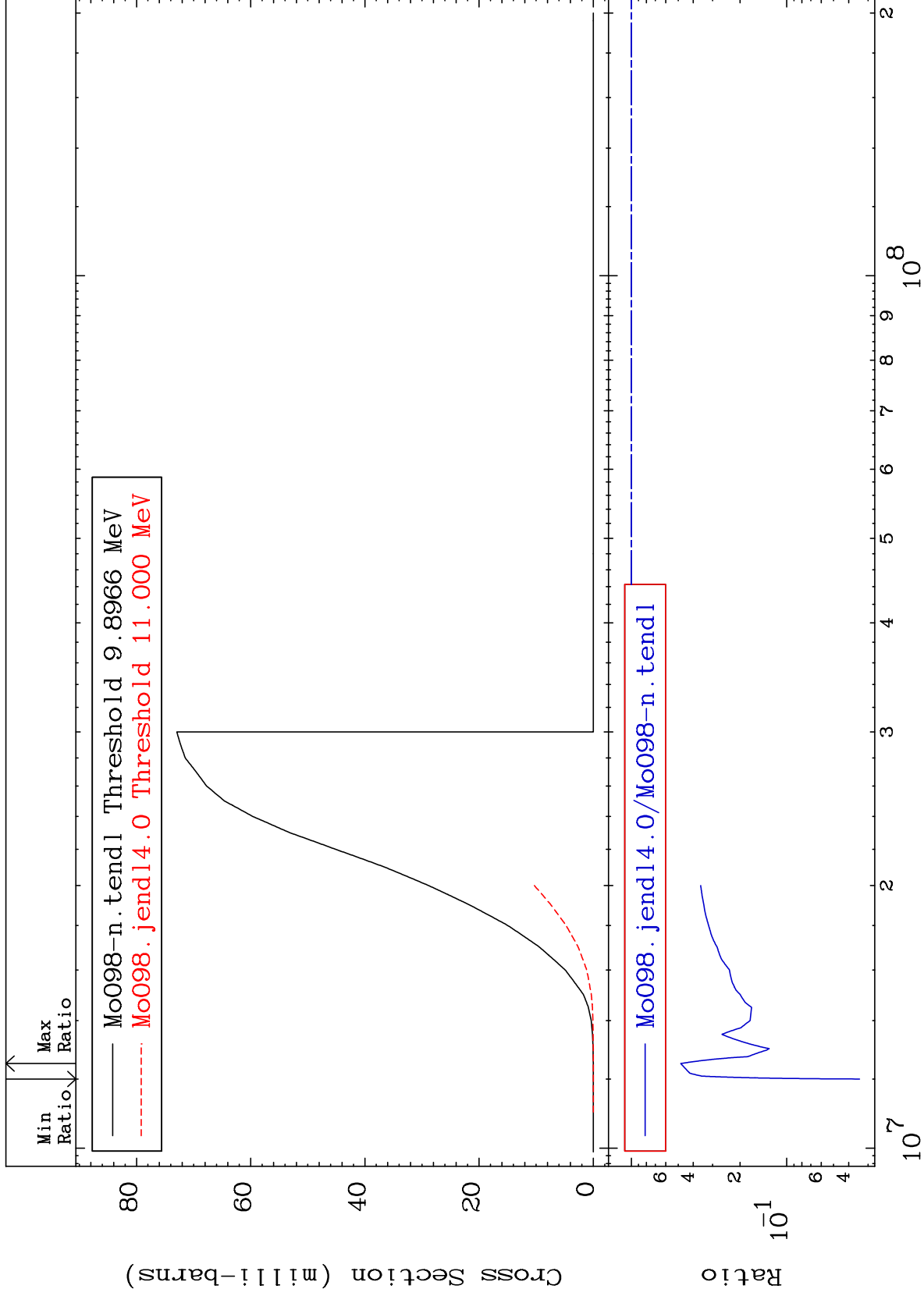
42-Mo-98
-87.02 To -50.41%



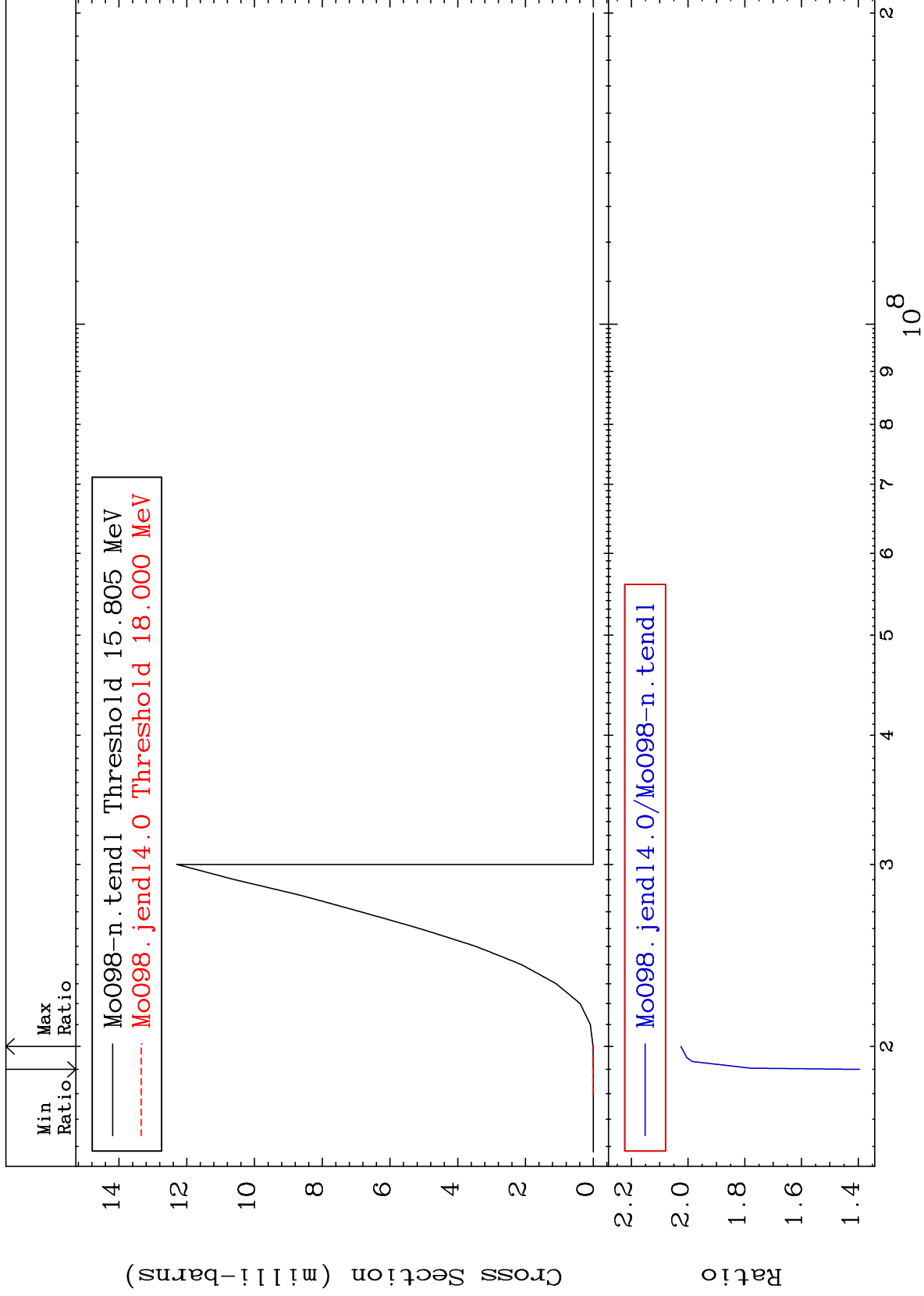
MAT 4243

(n, n') p
Cross Section

42-Mo-98
-96.60 To -51.91%



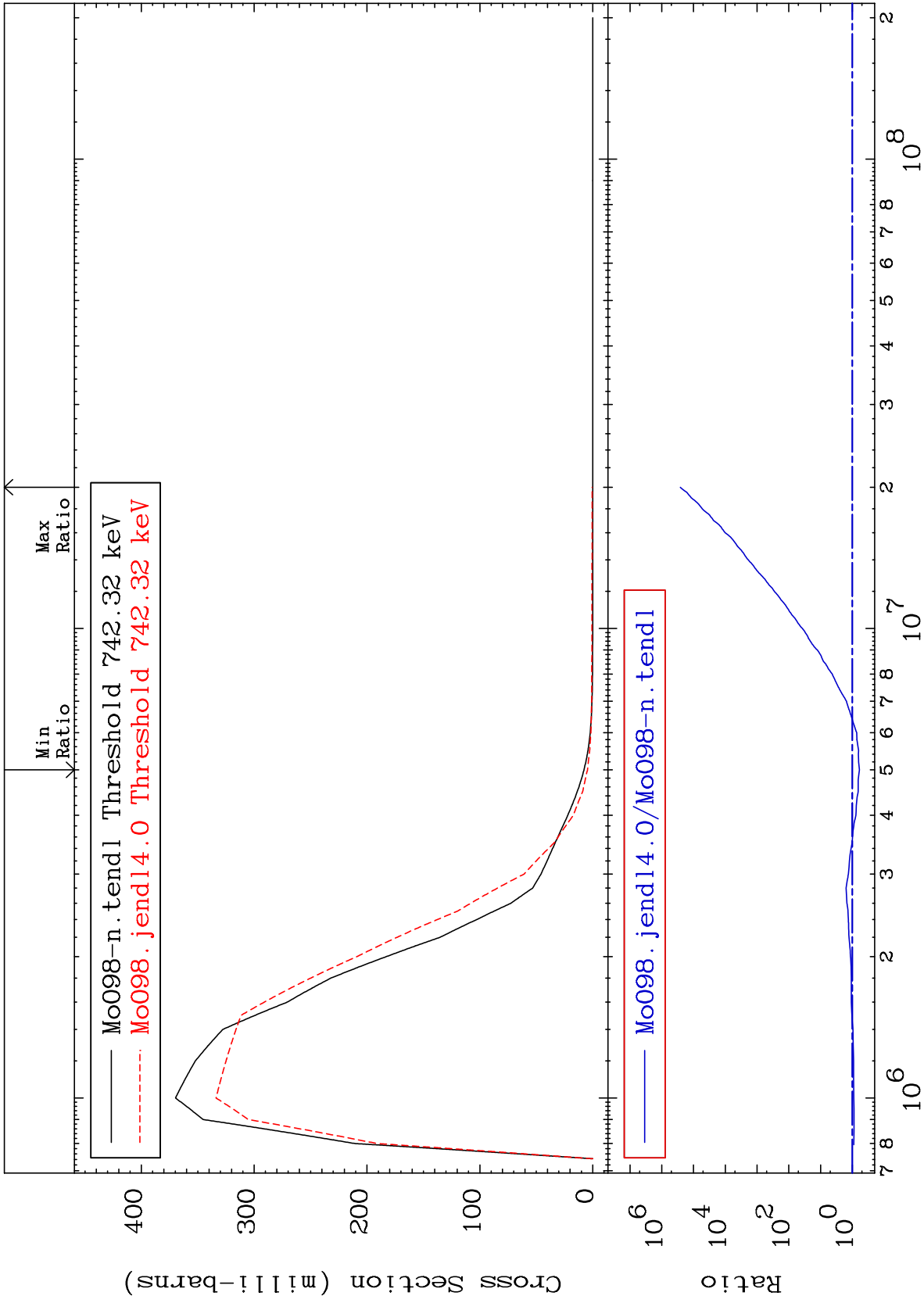
42-Mo-98



MAT 4243

734.8 keV (n,n') Level
Cross Section

42-Mo-98
-40.00 To 9999. %



9

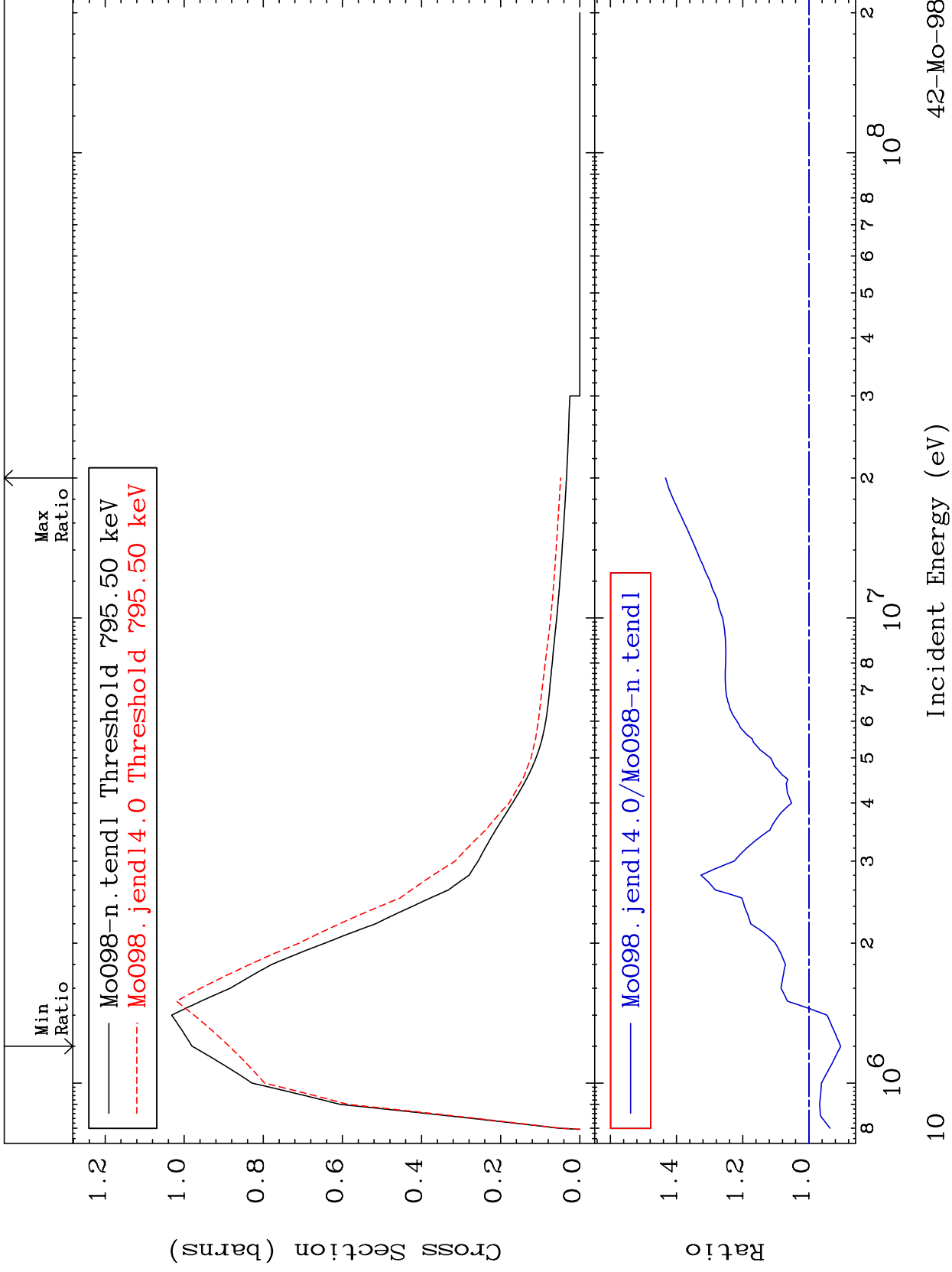
Incident Energy (eV)

42-Mo-98

MAT 4243

787.4 keV (n,n') Level
Cross Section

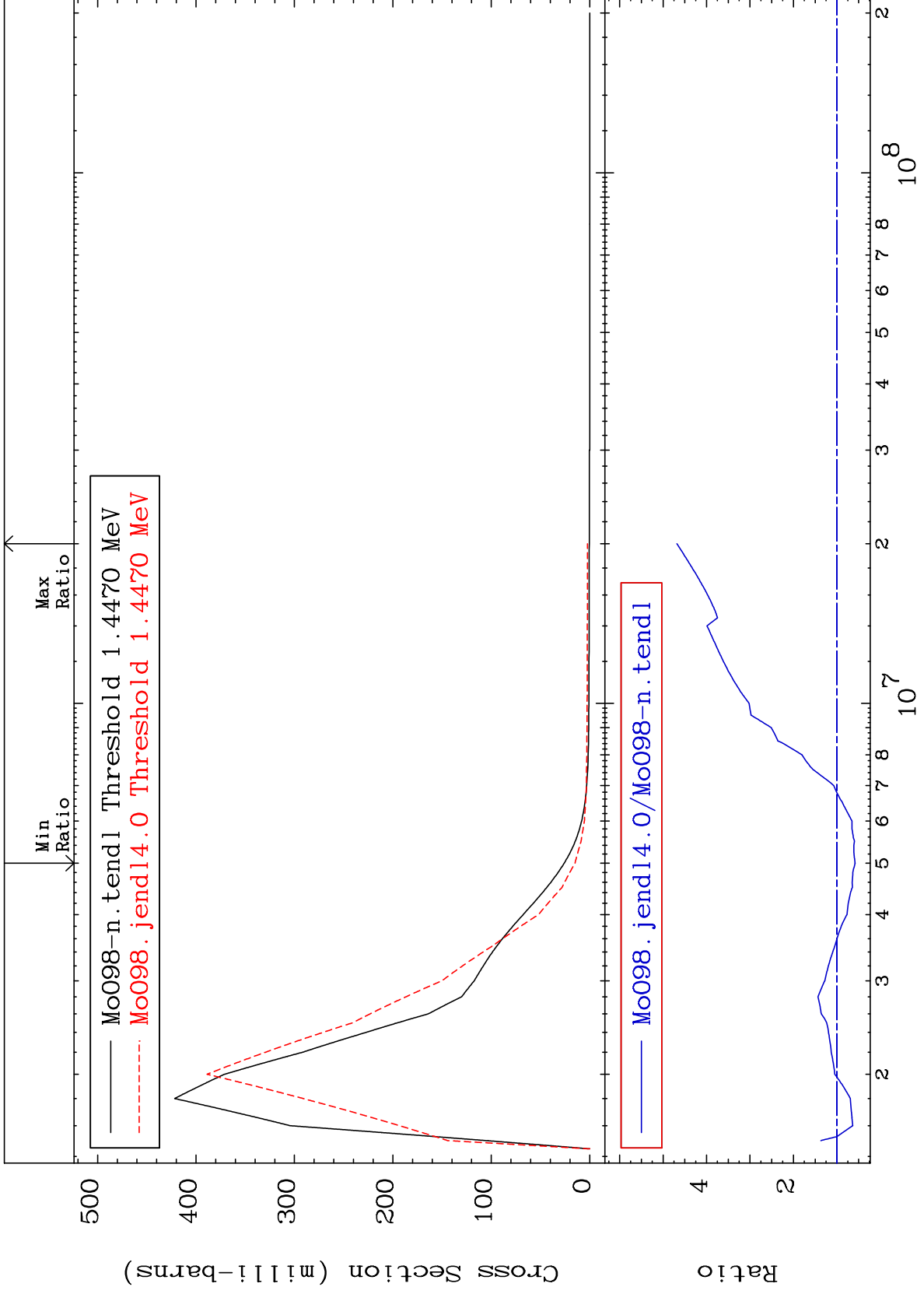
42-Mo-98
-9.594 To 43.34 %



MAT 4243

1.432 MeV (n,n') Level
Cross Section

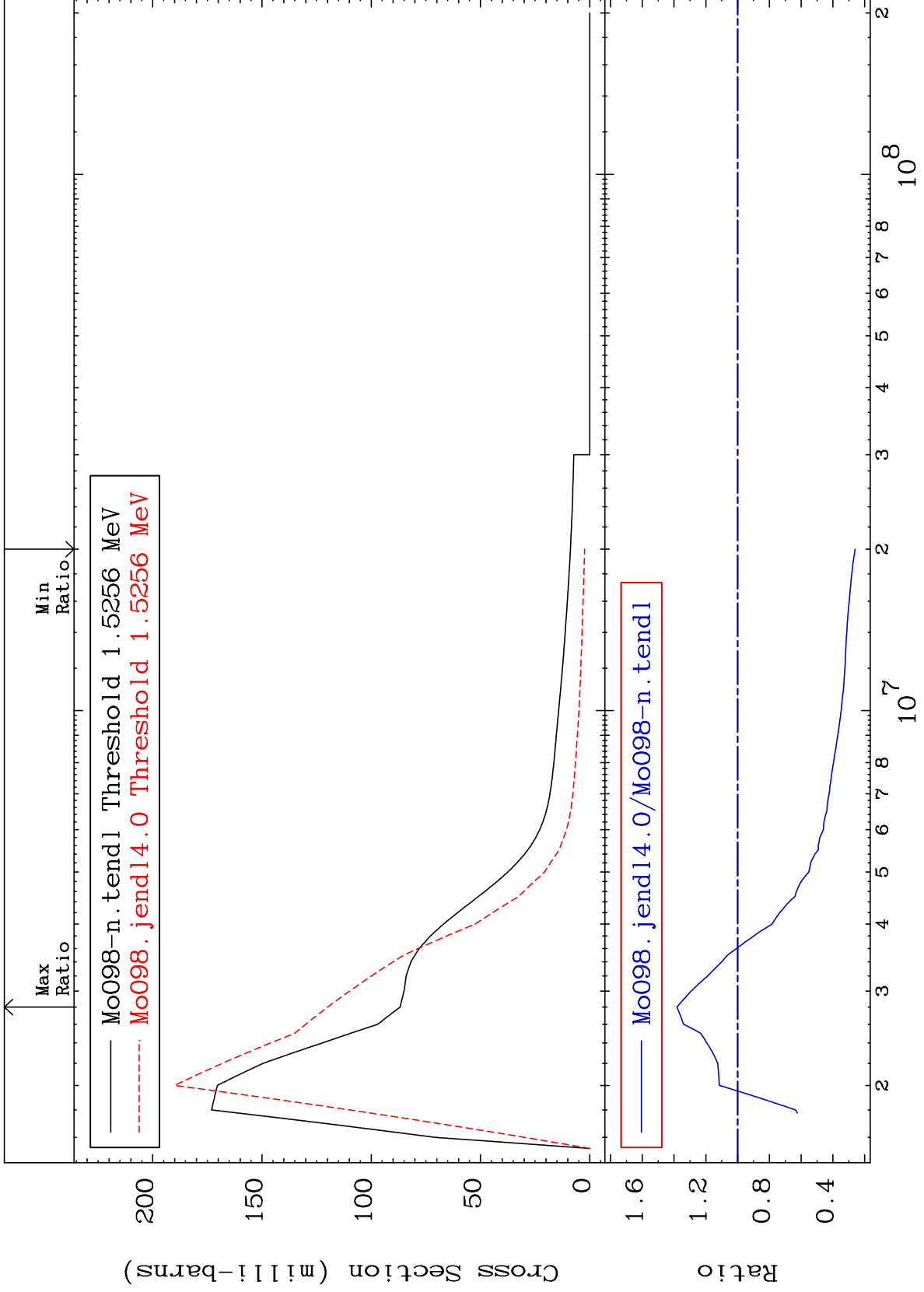
42-Mo-98
-41.88 To 368.2 %



MAT 4243

1.510 MeV (n,n') Level
Cross Section

42-Mo-98
-73.93 To 38.19 %



12

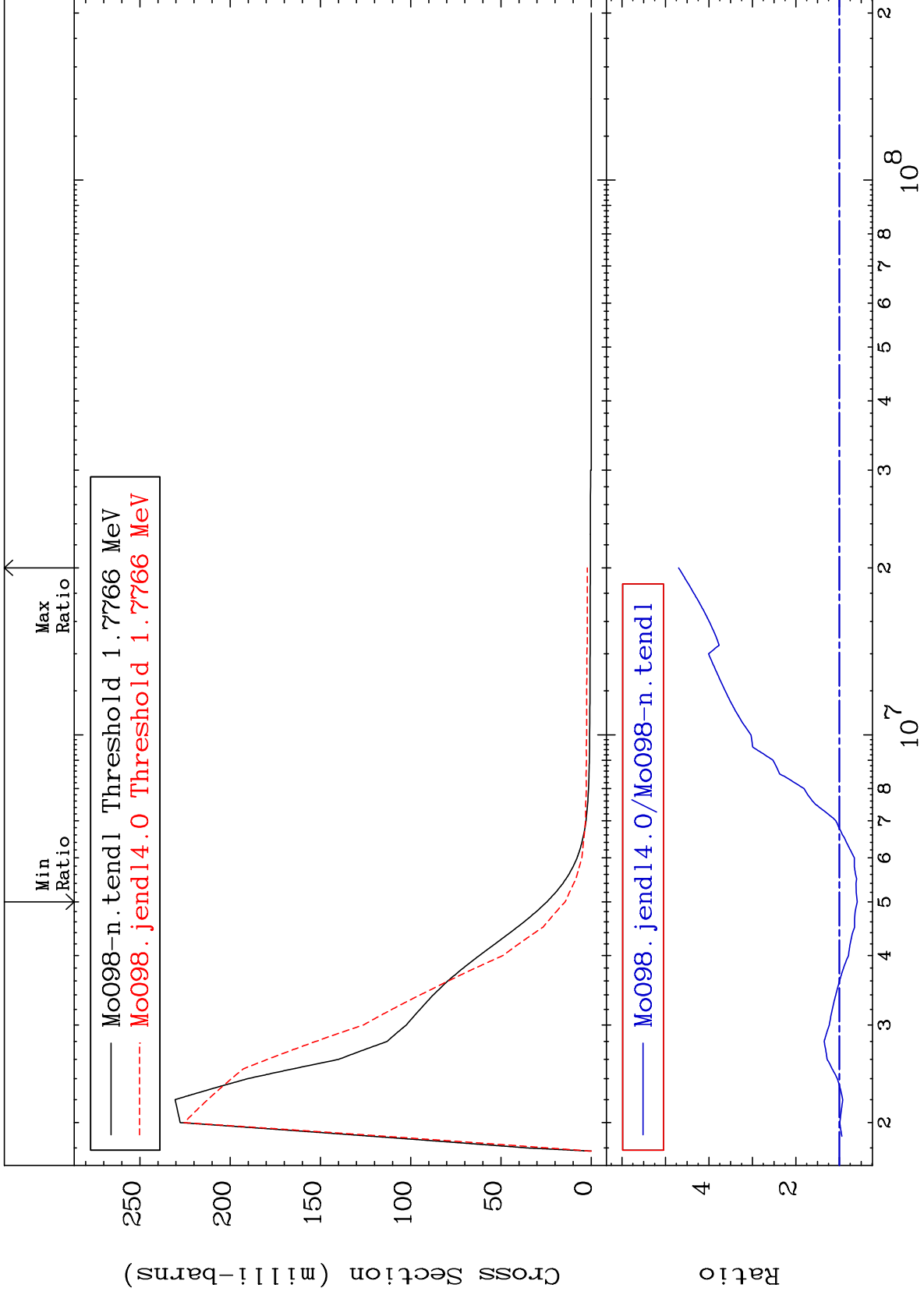
Incident Energy (eV)

42-Mo-98

MAT 4243

1.758 MeV (n,n') Level
Cross Section

42-Mo-98
-41.16 To 369.7 %



13

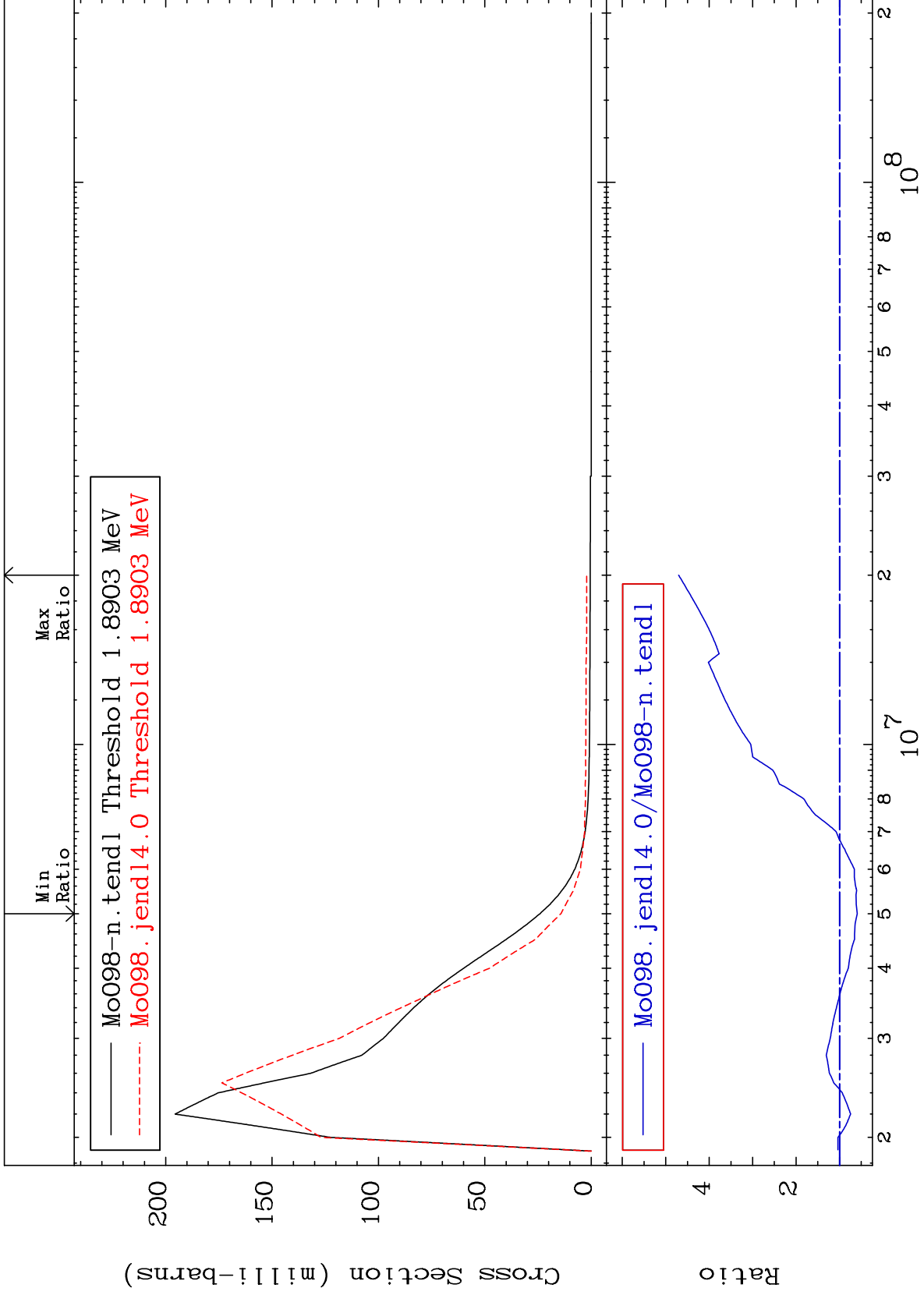
Incident Energy (eV)

42-Mo-98

MAT 4243

1.871 MeV (n,n') Level
Cross Section

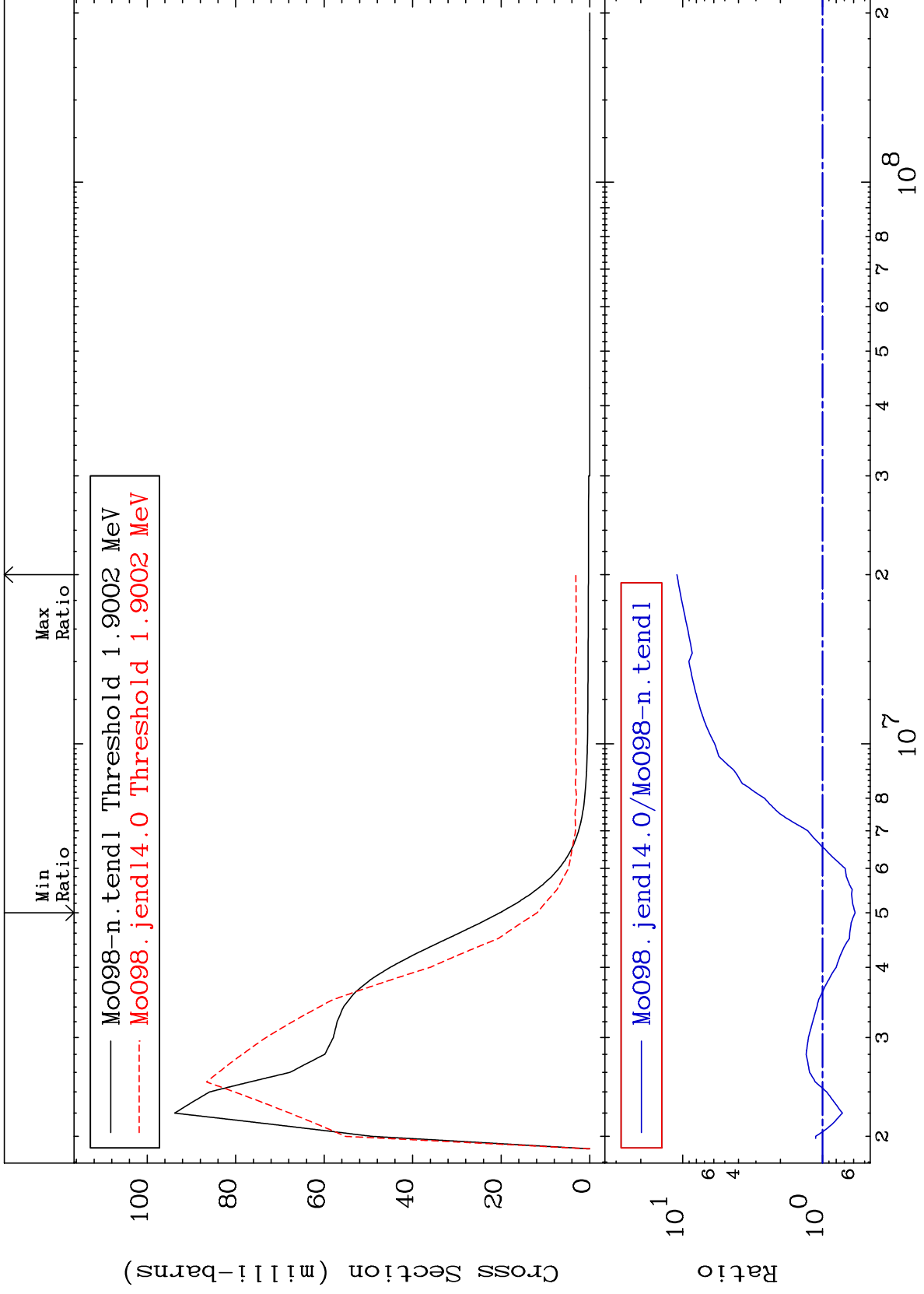
42-Mo-98
-40.89 To 370.4 %



MAT 4243

1.881 MeV (n,n') Level
Cross Section

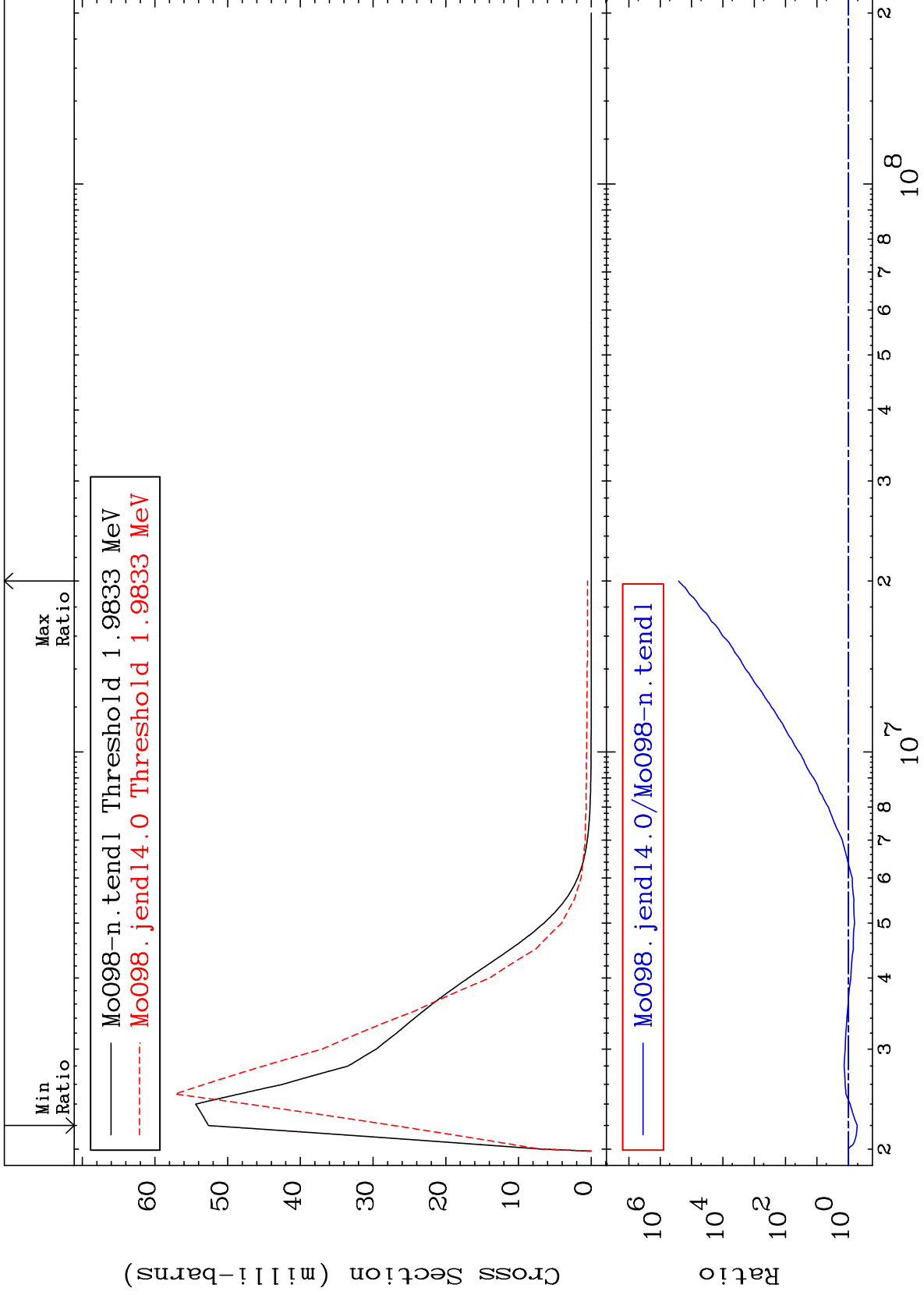
42-Mo-98
-41.45 To 1001. %



MAT 4243

1.963 MeV (n,n') Level
Cross Section

42-Mo-98
-48.46 To 9999. %



16

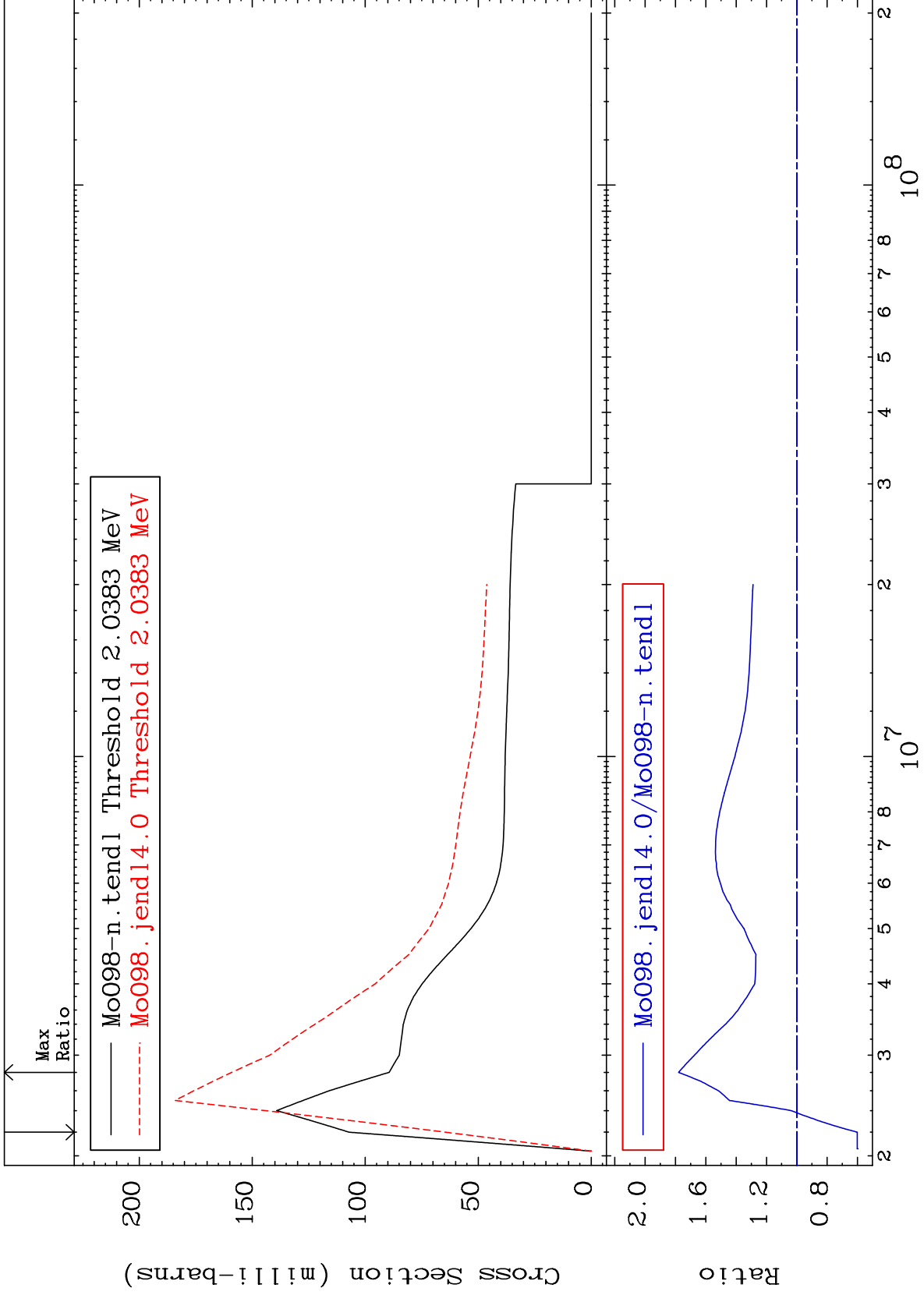
Incident Energy (eV)

42-Mo-98

MAT 4243

2.018 MeV (n,n') Level
Cross Section

42-Mo-98
-39.82 To 77.87 %



17

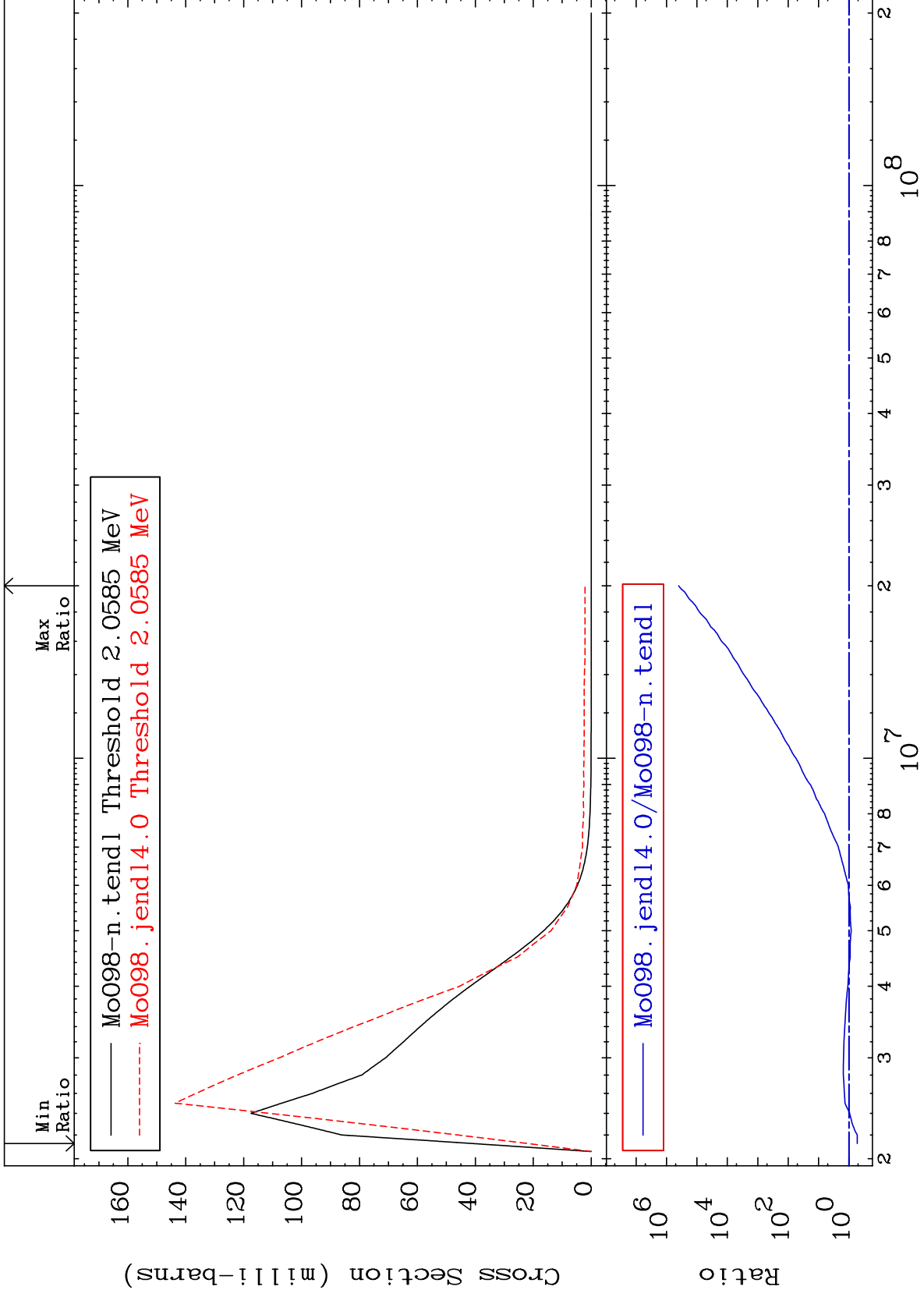
Incident Energy (eV)

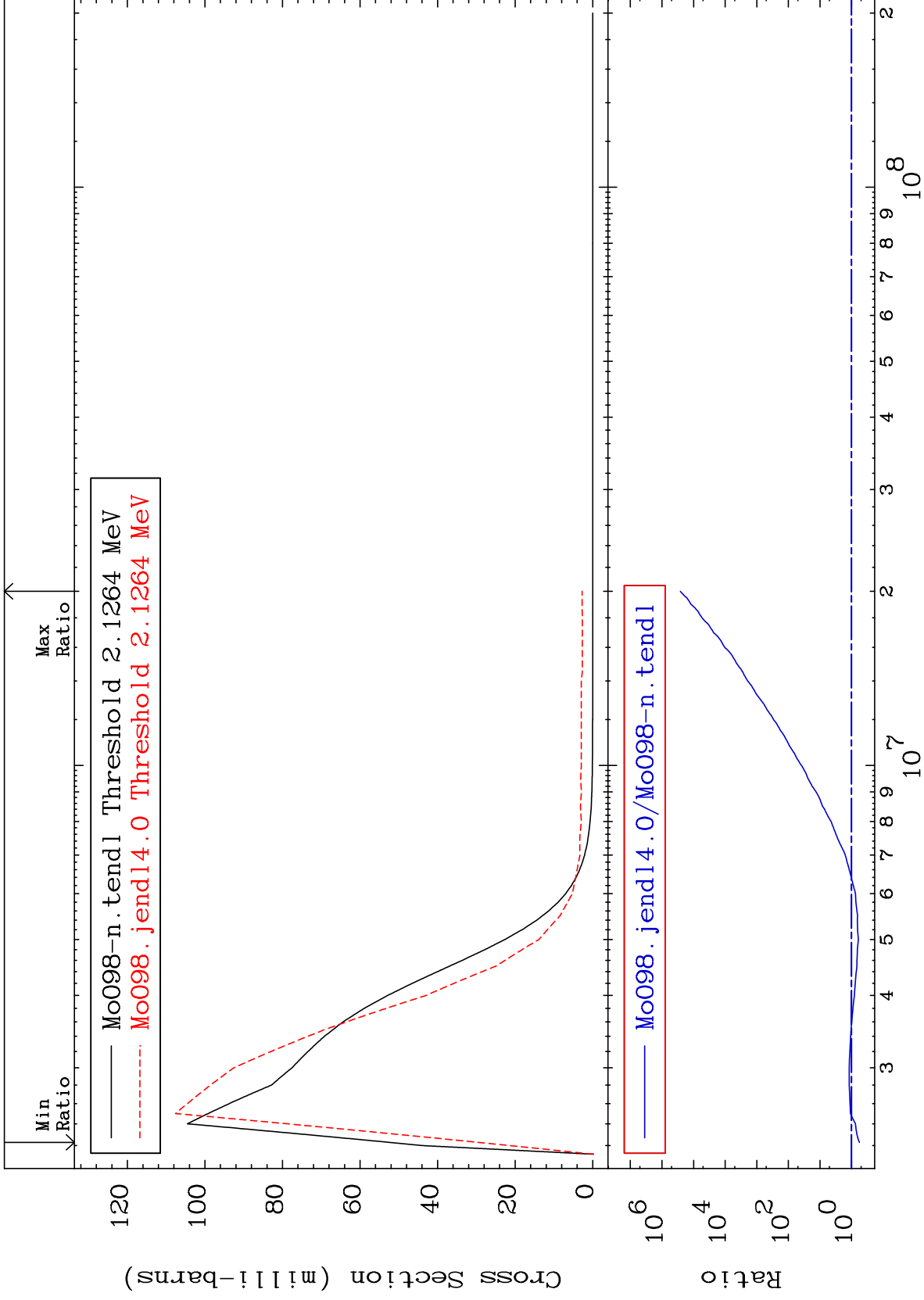
42-Mo-98

MAT 4243

2.038 MeV (n,n') Level
Cross Section

42-Mo-98
-46.52 To 9999. %

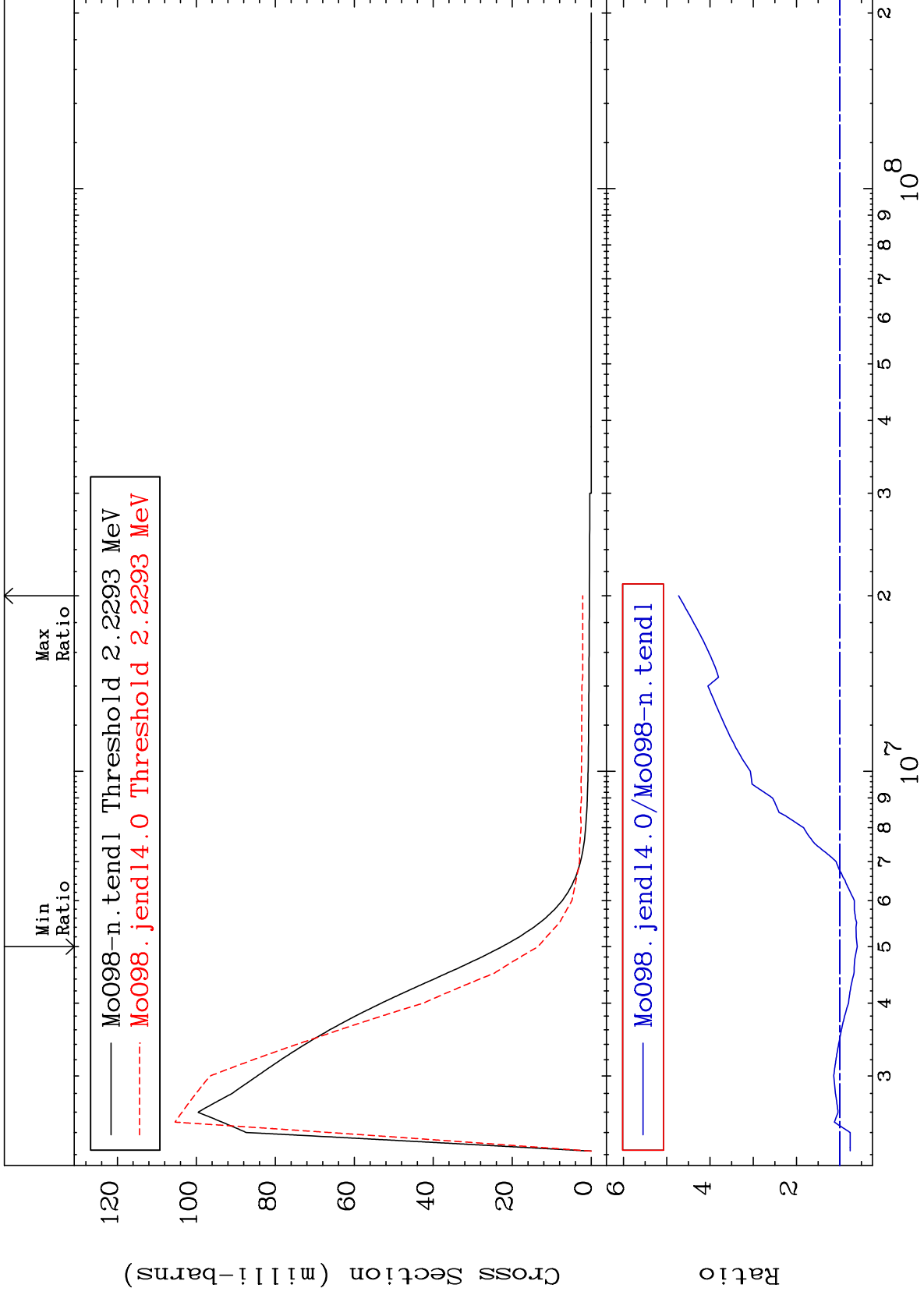




MAT 4243

2.207 MeV (n,n') Level
Cross Section

42-Mo-98
-40.28 To 372.6 %



20

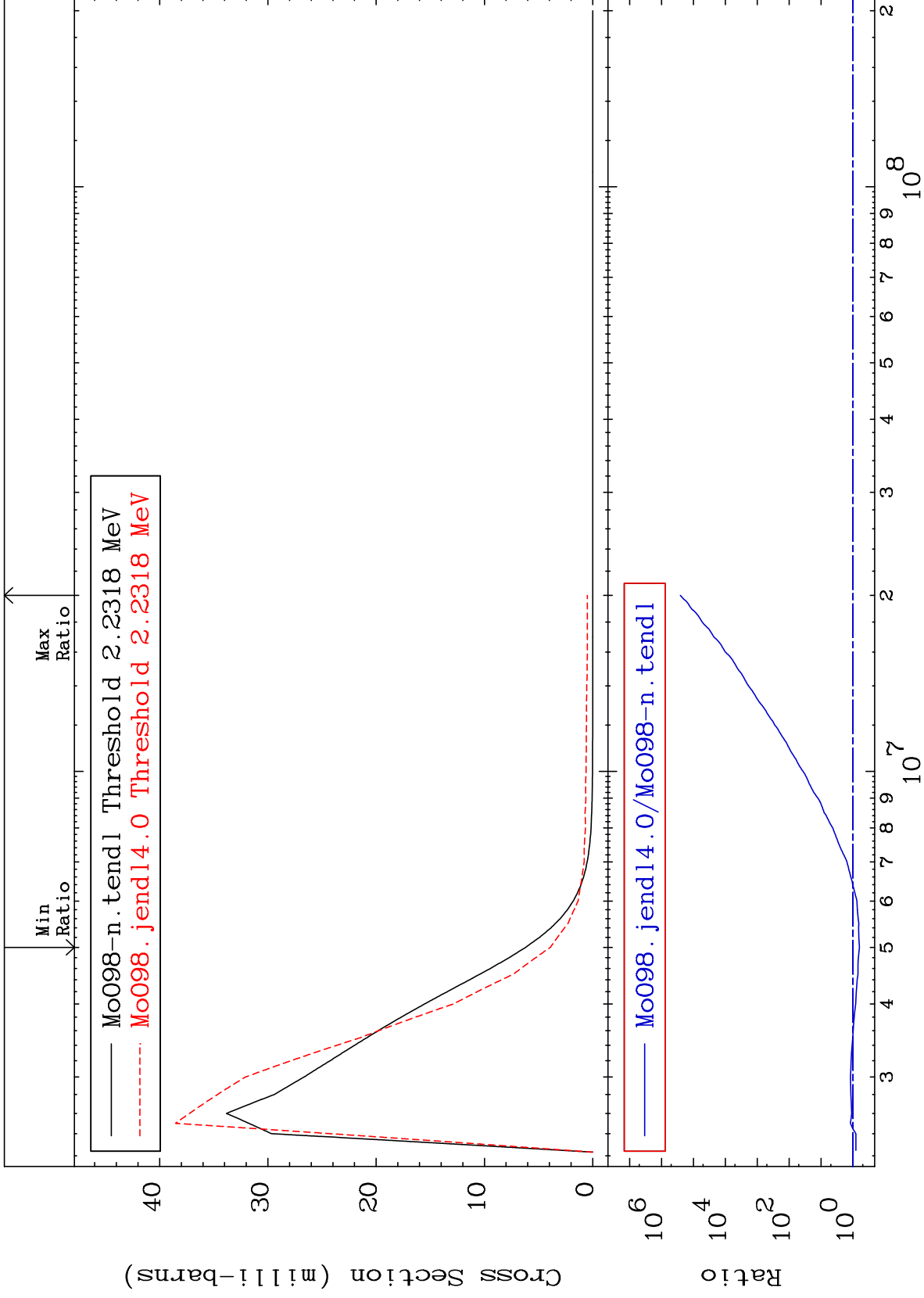
Incident Energy (eV)

42-Mo-98

MAT 4243

2.209 MeV (n,n') Level
Cross Section

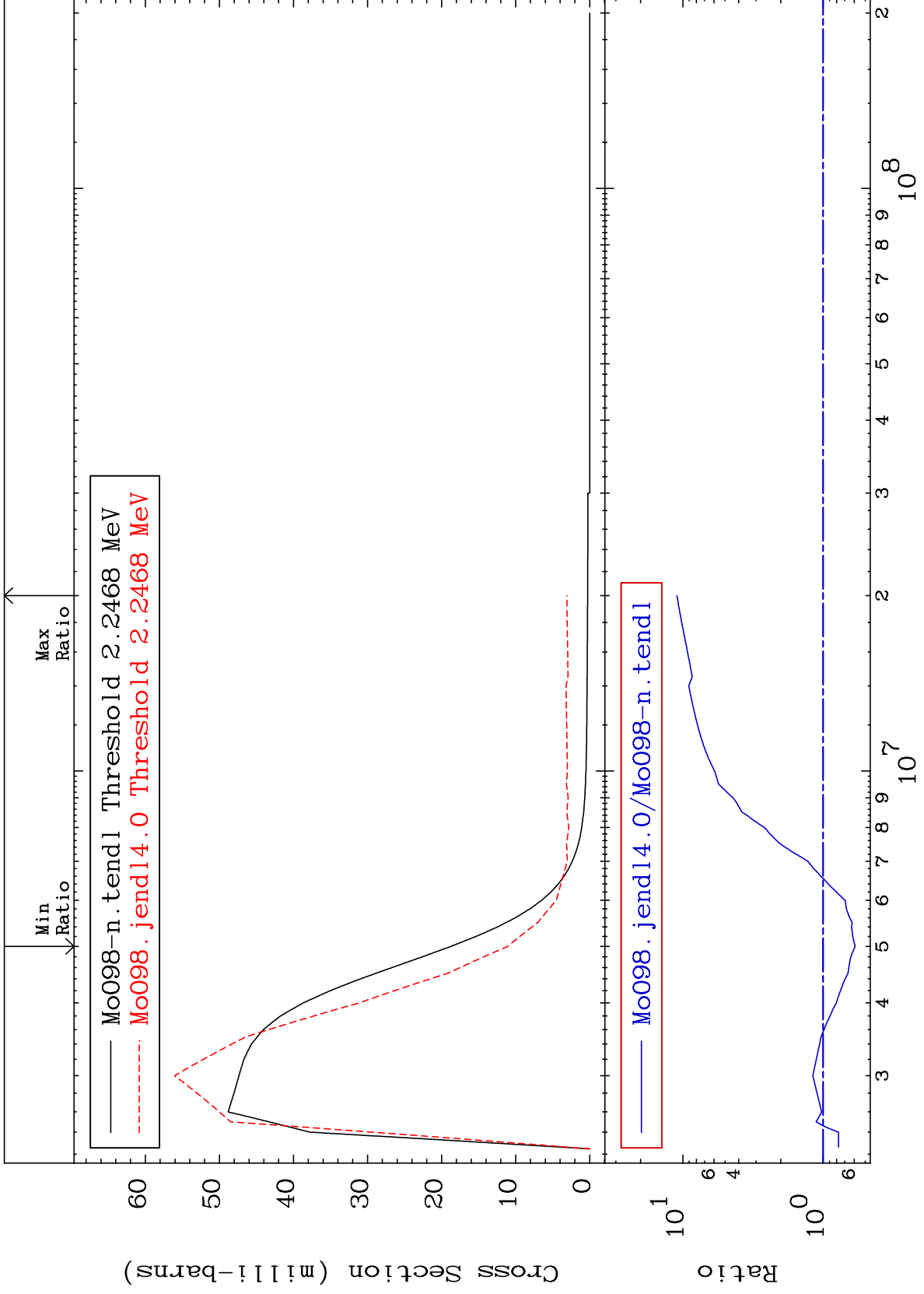
42-Mo-98
-36.85 To 9999. %



MAT 4243

2.224 MeV (n,n') Level
Cross Section

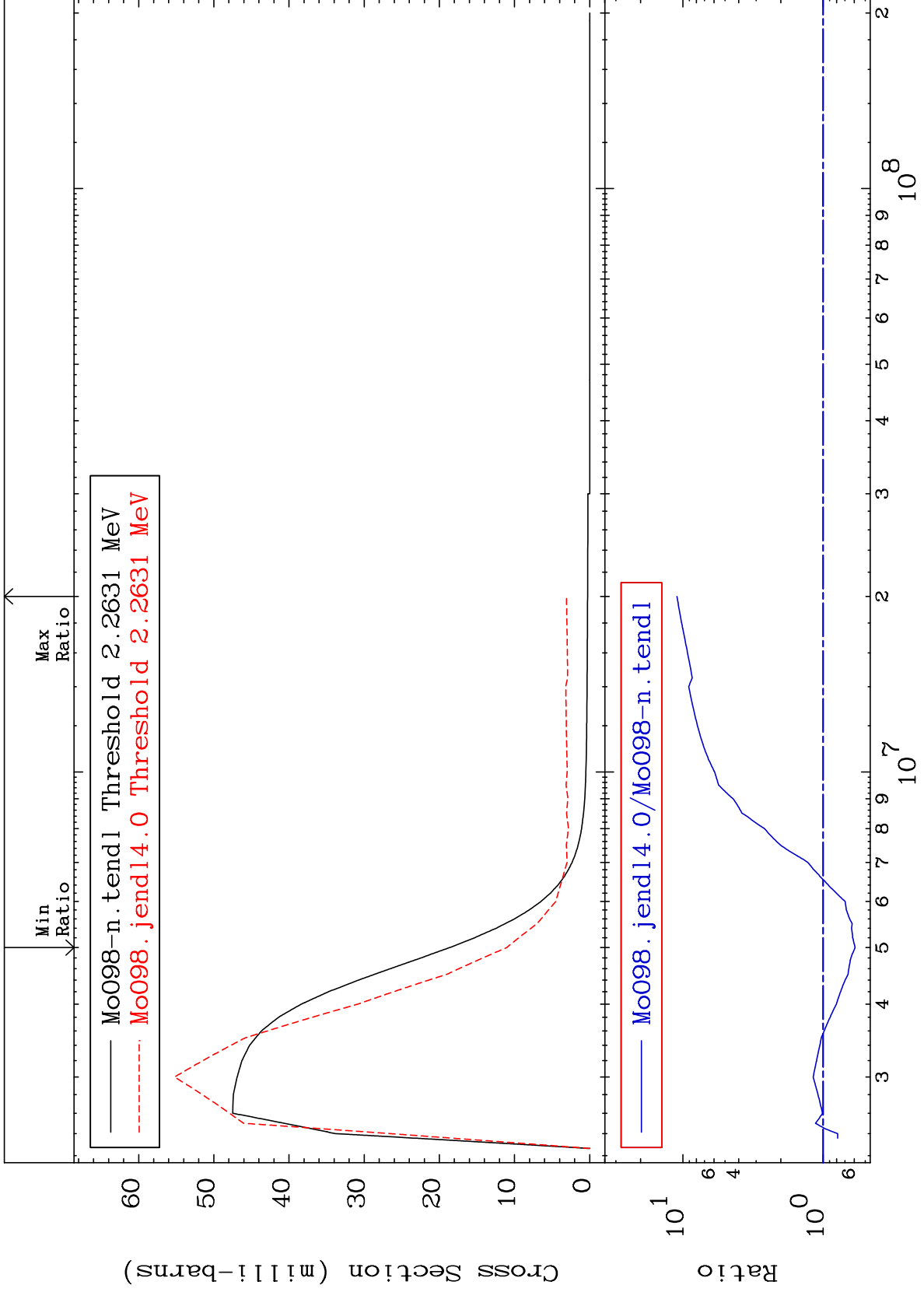
42-Mo-98
-40.87 To 1001. %



MAT 4243

2.240 MeV (n,n') Level
Cross Section

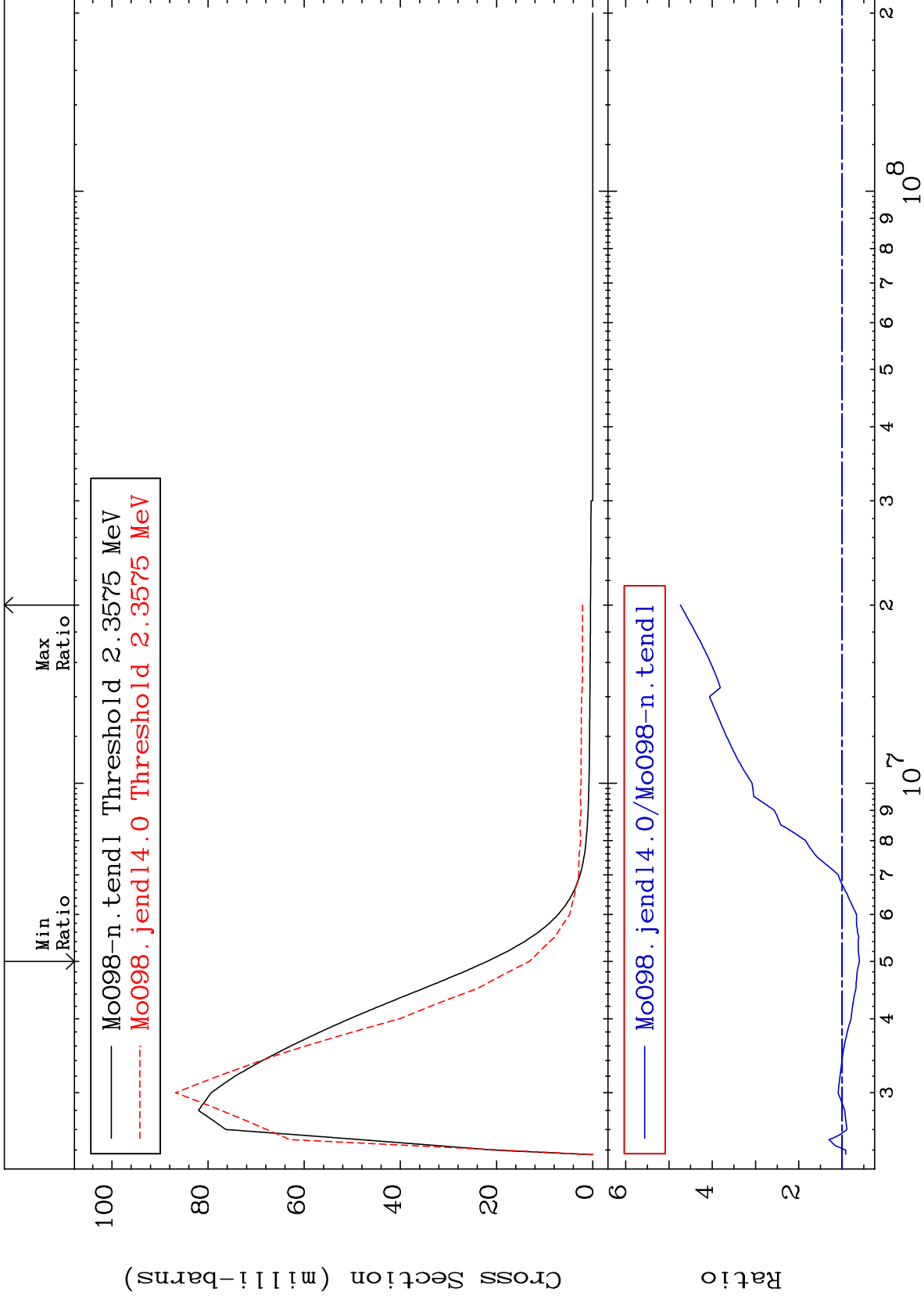
42-Mo-98
-40.84 To 1001. %



MAT 4243

2.333 MeV (n,n') Level
Cross Section

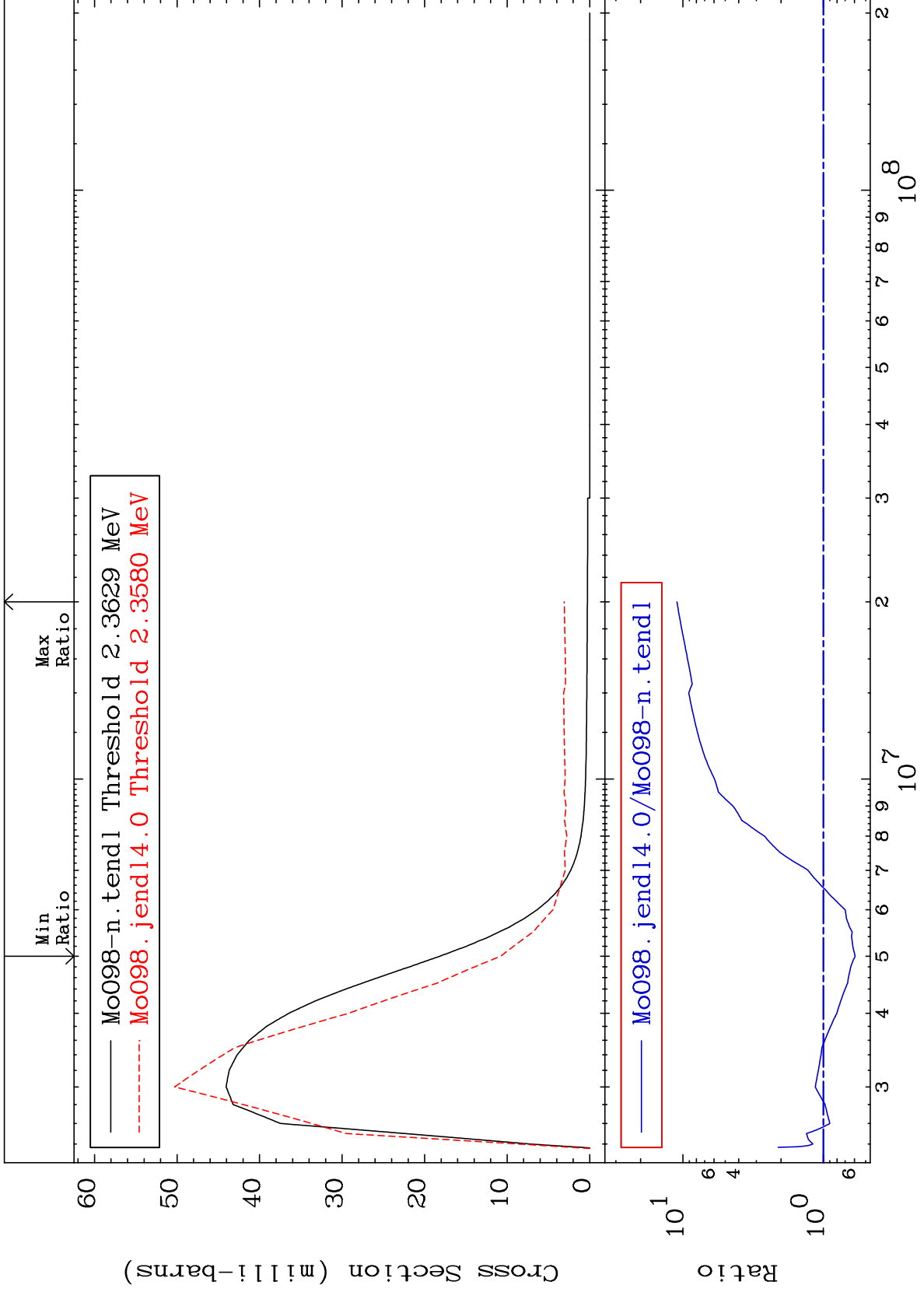
42-Mo-98
-39.95 To 373.7 %



MAT 4243

2.339 MeV (n,n') Level
Cross Section

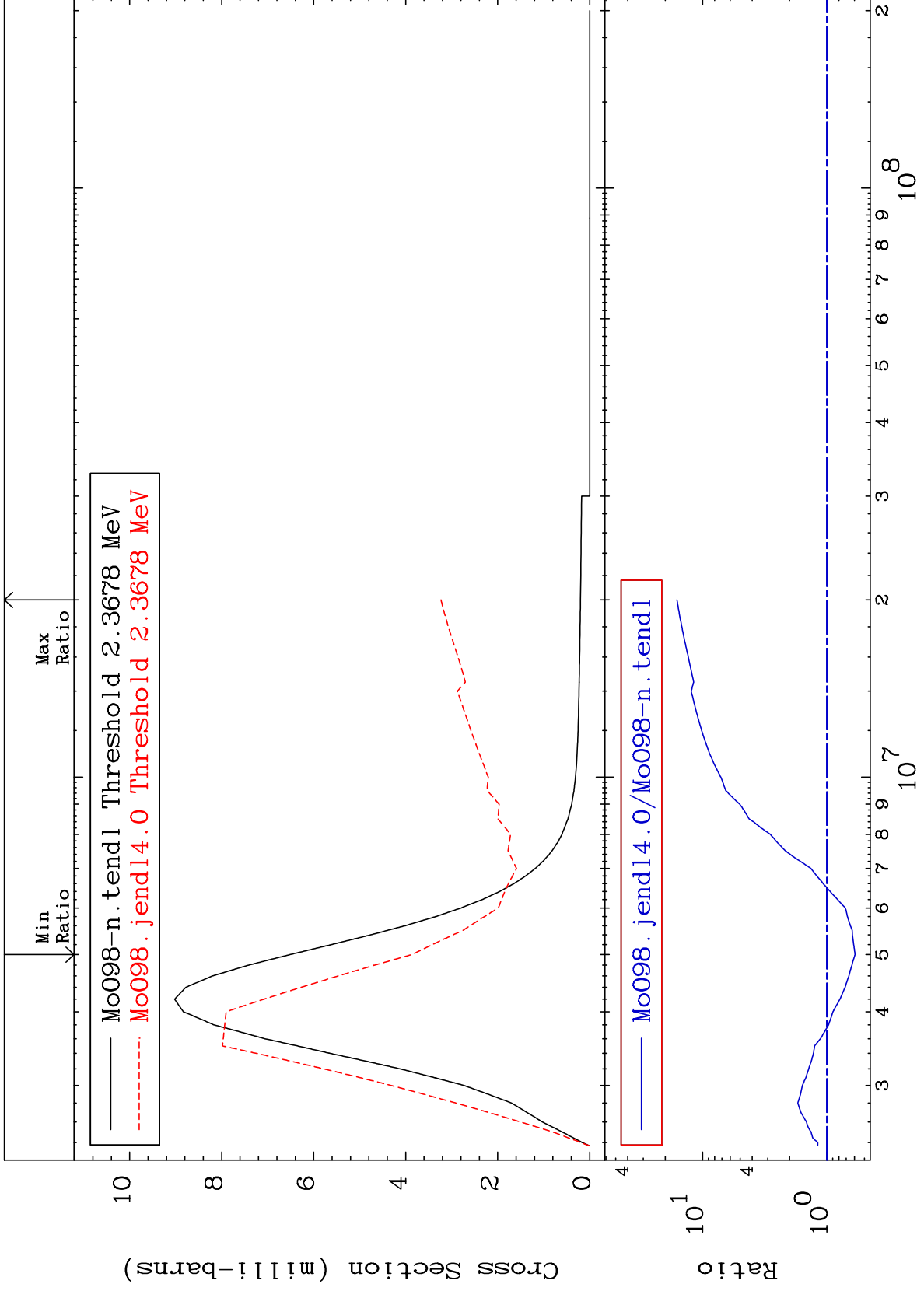
42-Mo-98
-40.56 To 1002. %



MAT 4243

2.344 MeV (n,n') Level
Cross Section

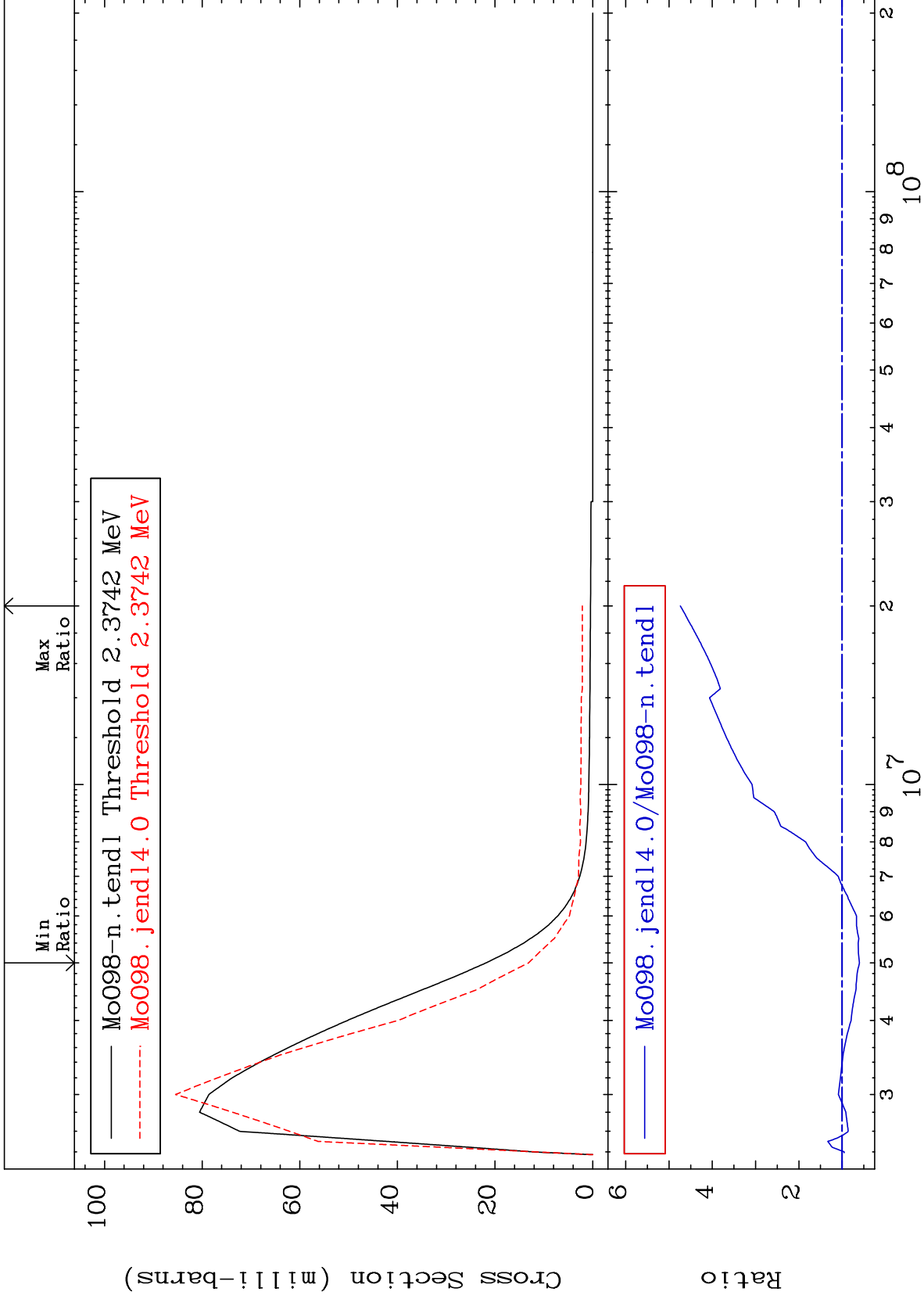
42-Mo-98
-40.61 To 1510. %

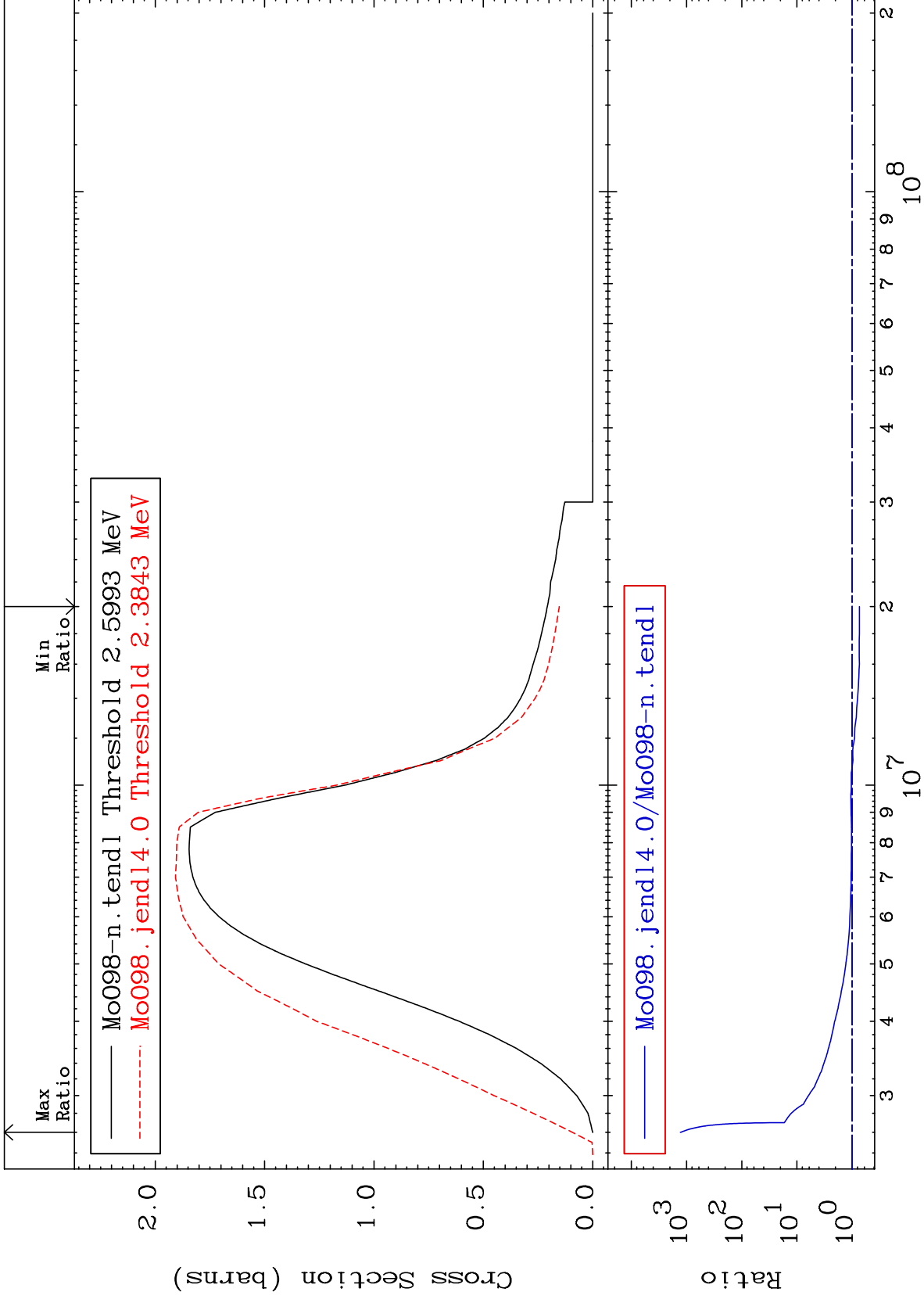


MAT 4243

2.350 MeV (n,n') Level
Cross Section

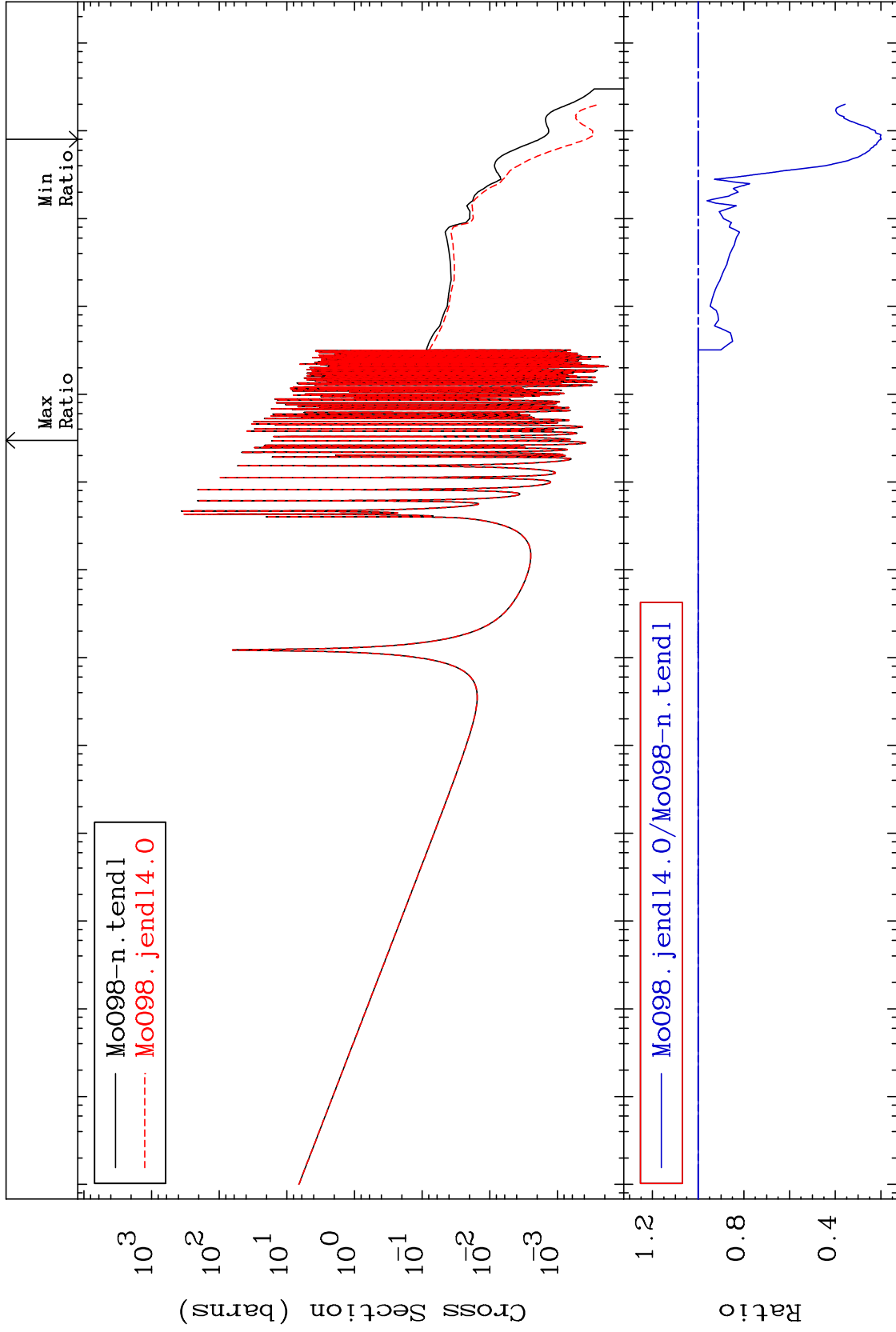
42-Mo-98
-39.91 To 373.8 %





Cross Section

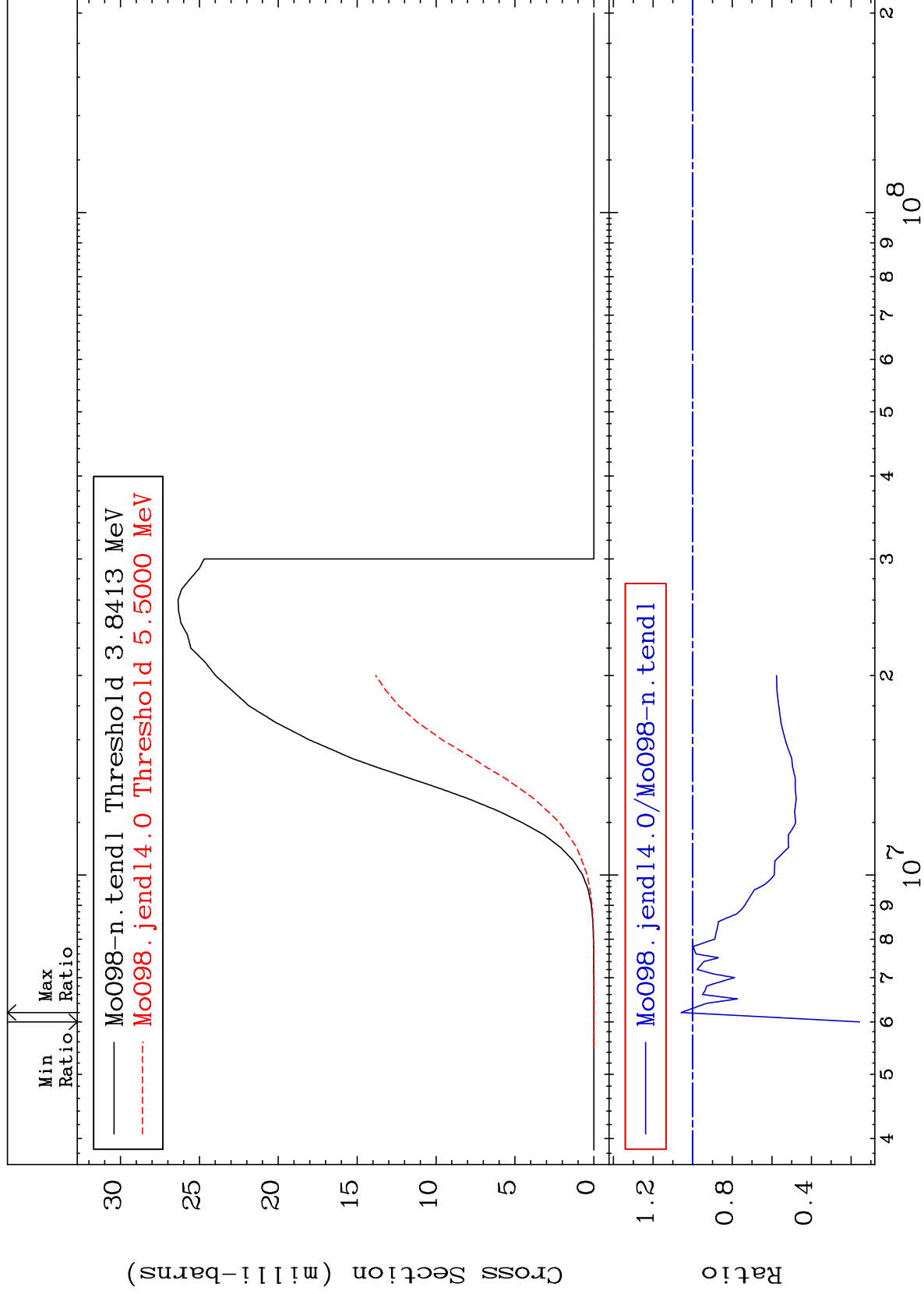
-80.07 To 0.128 %



MAT 4243

(n,p)
Cross Section

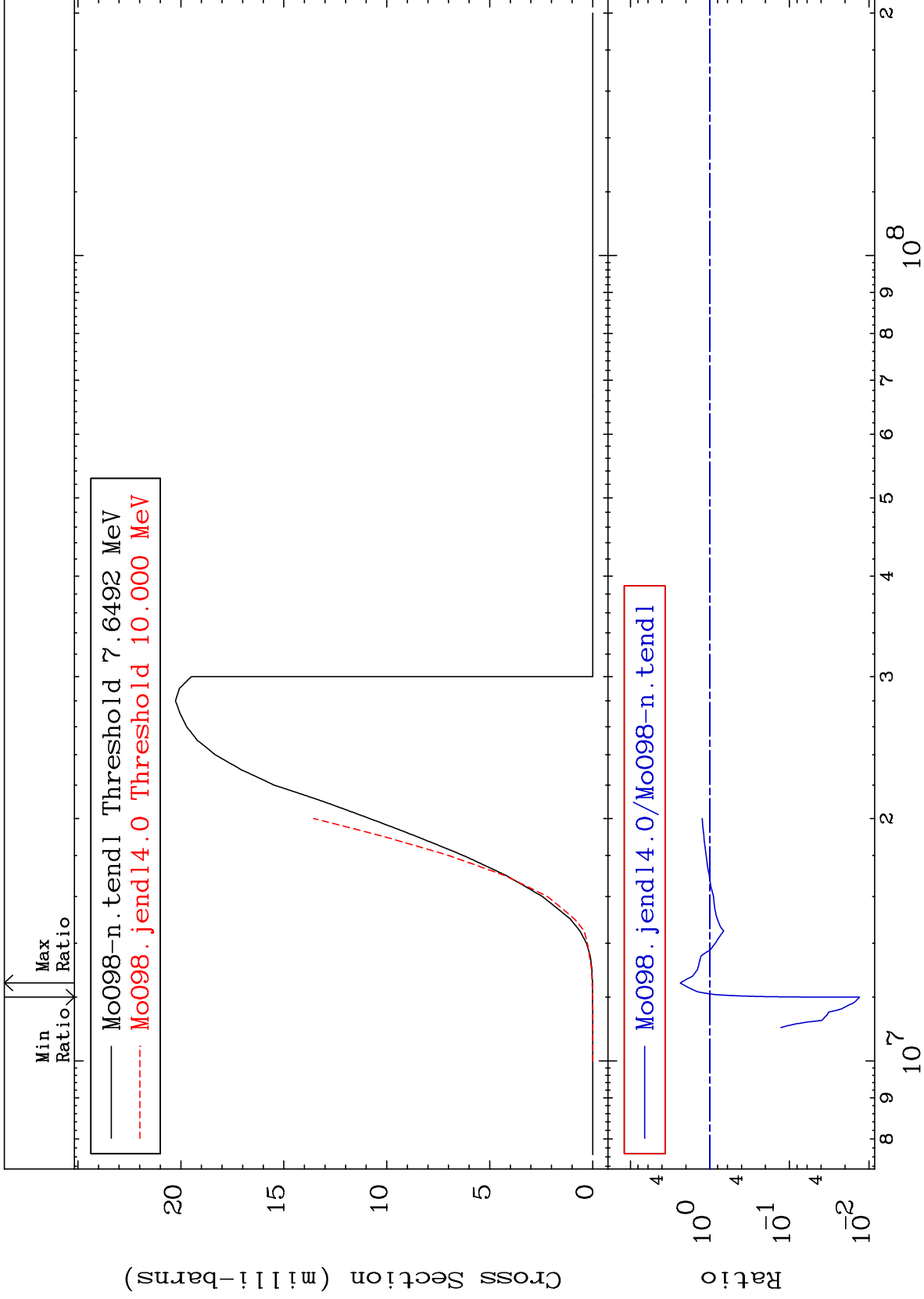
42-Mo-98
-84.33 To 5.800 %

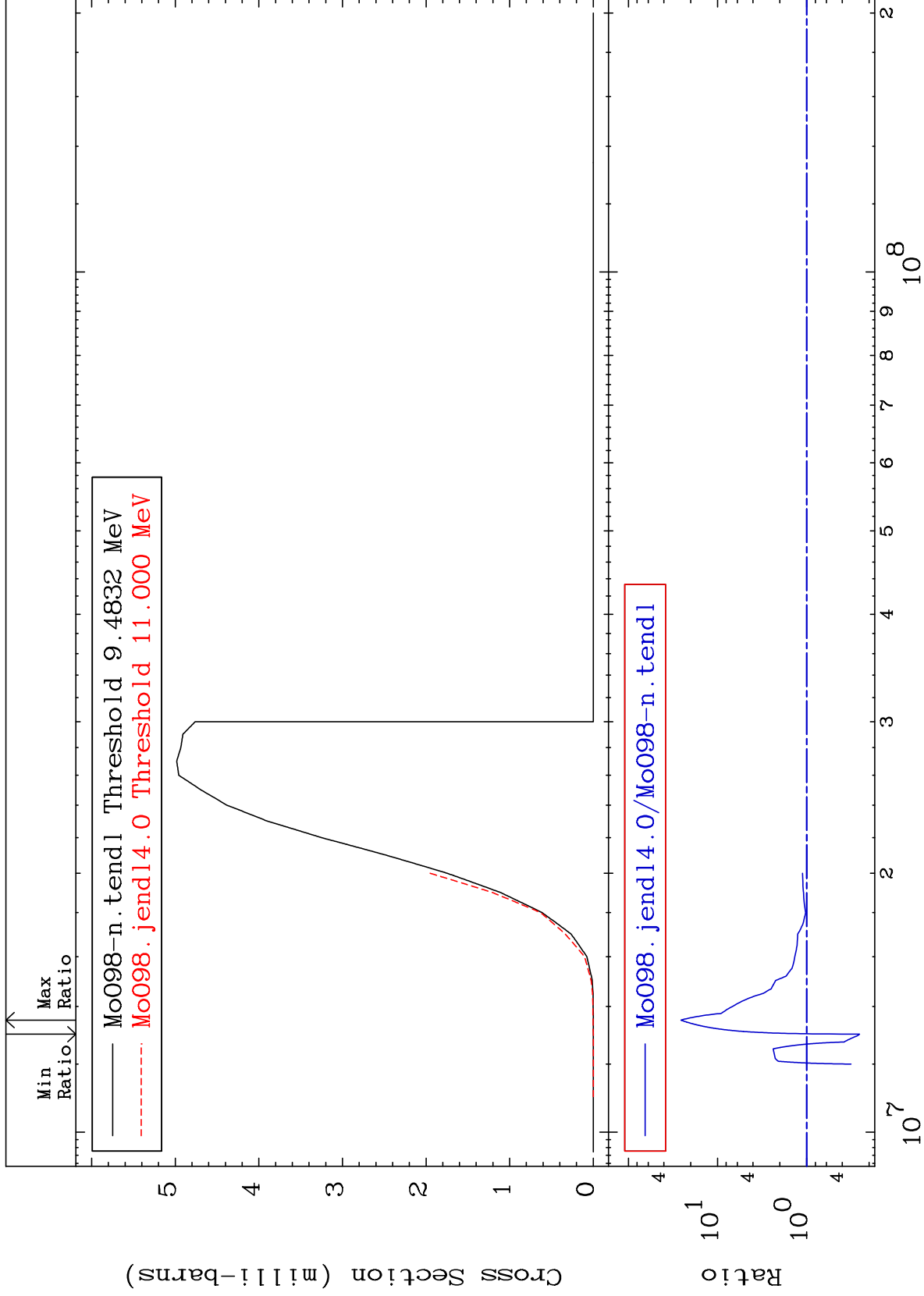


30

Incident Energy (eV)

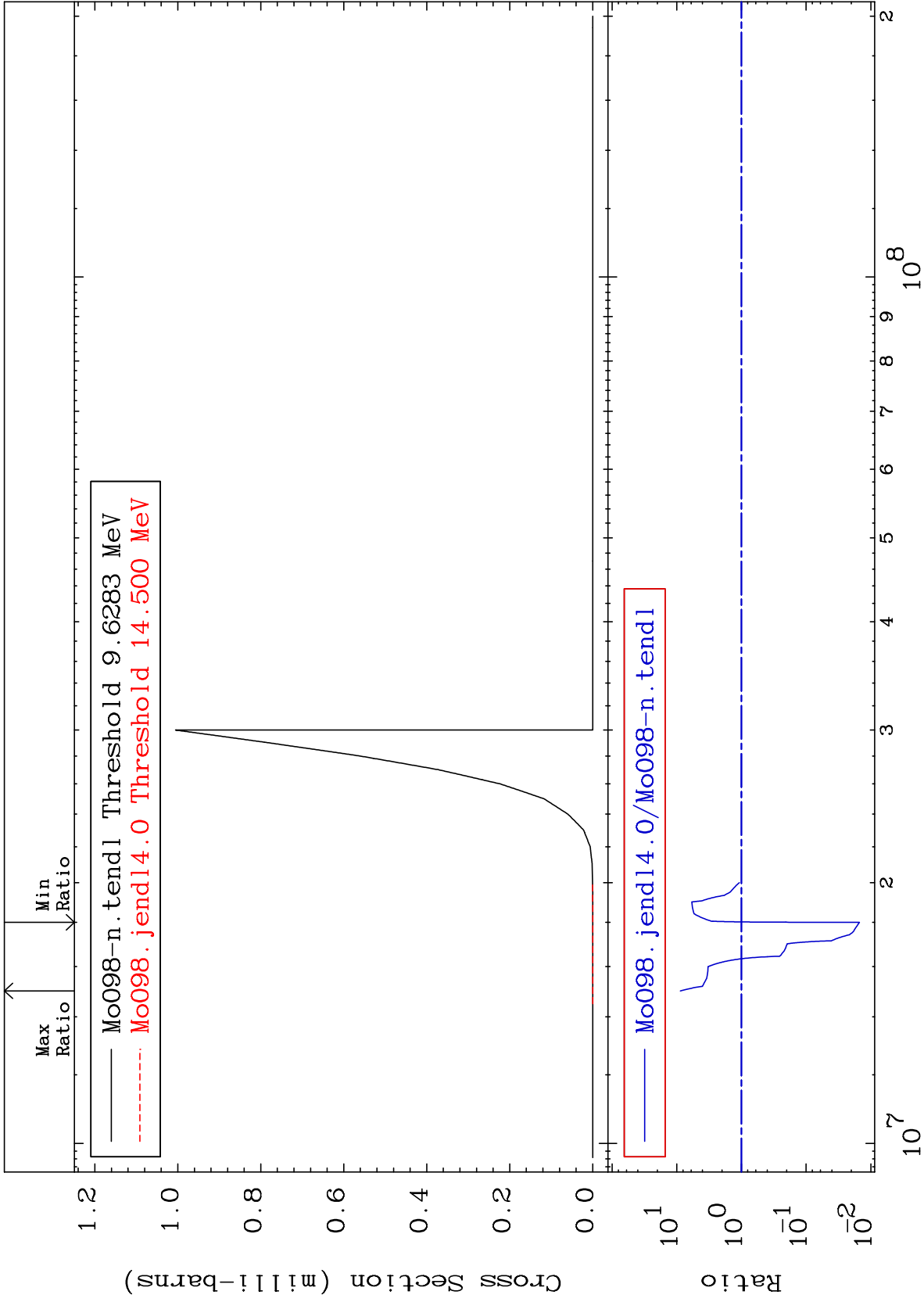
42-Mo-98





Cross Section

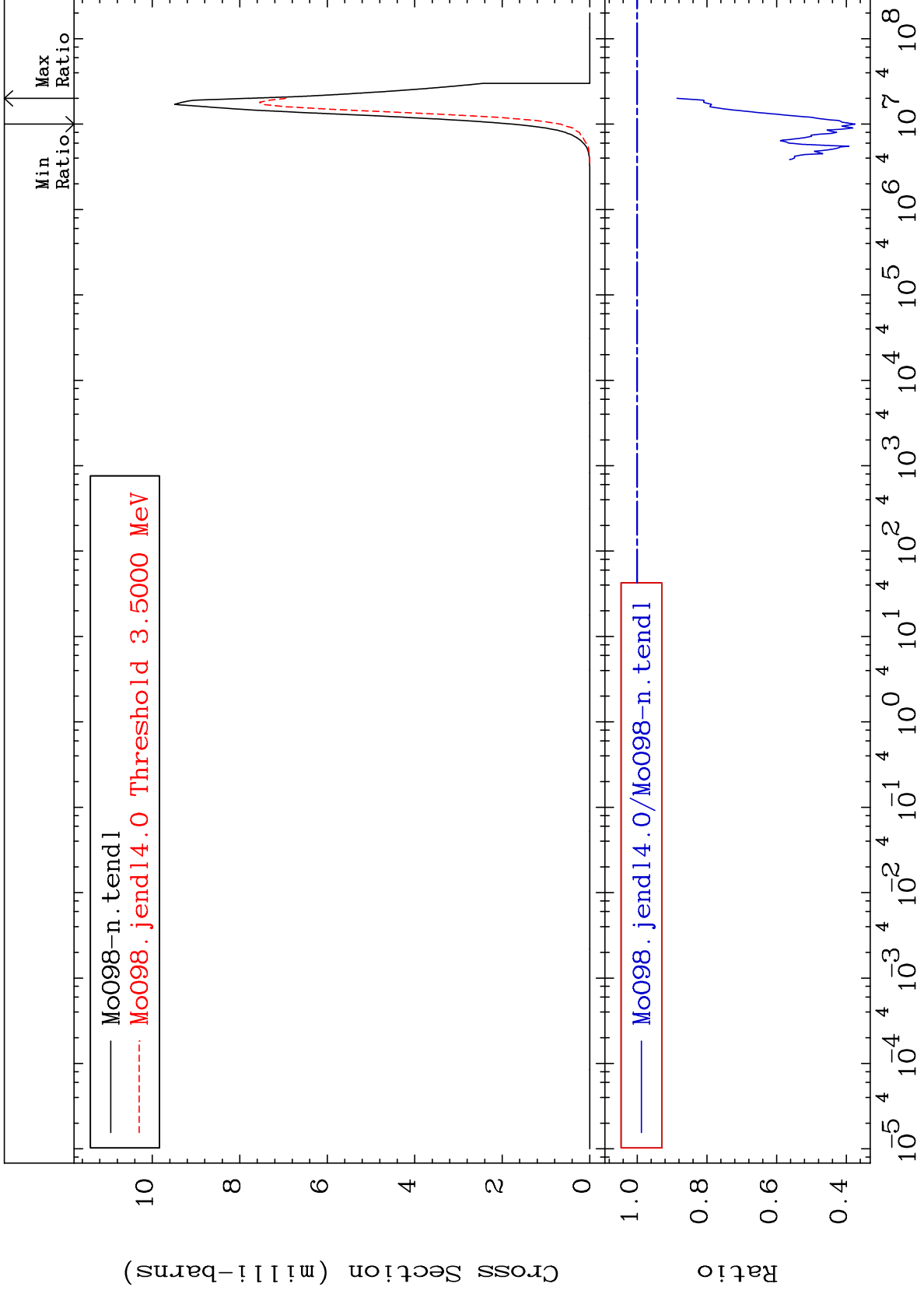
-98.50 To 779.4 %

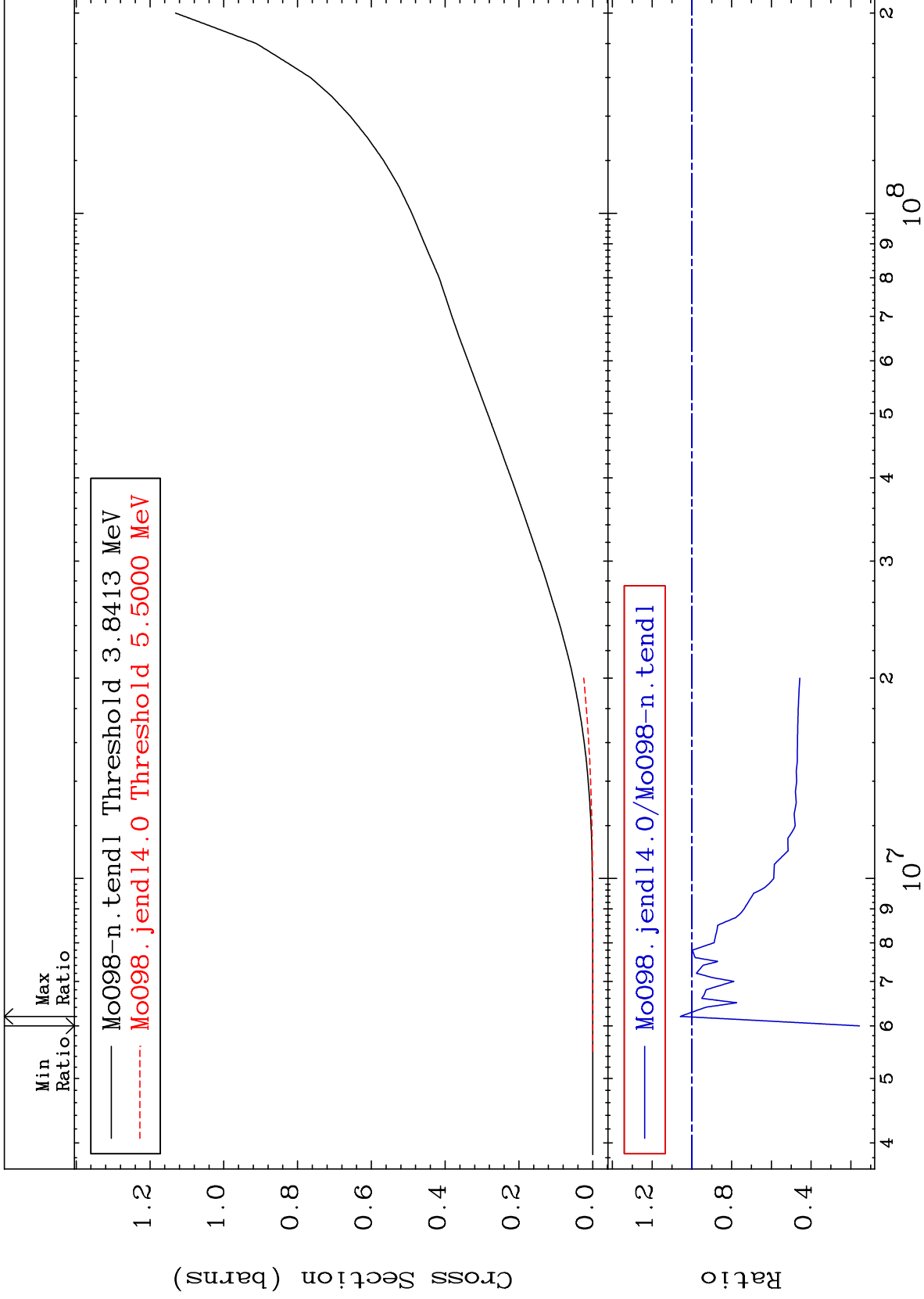


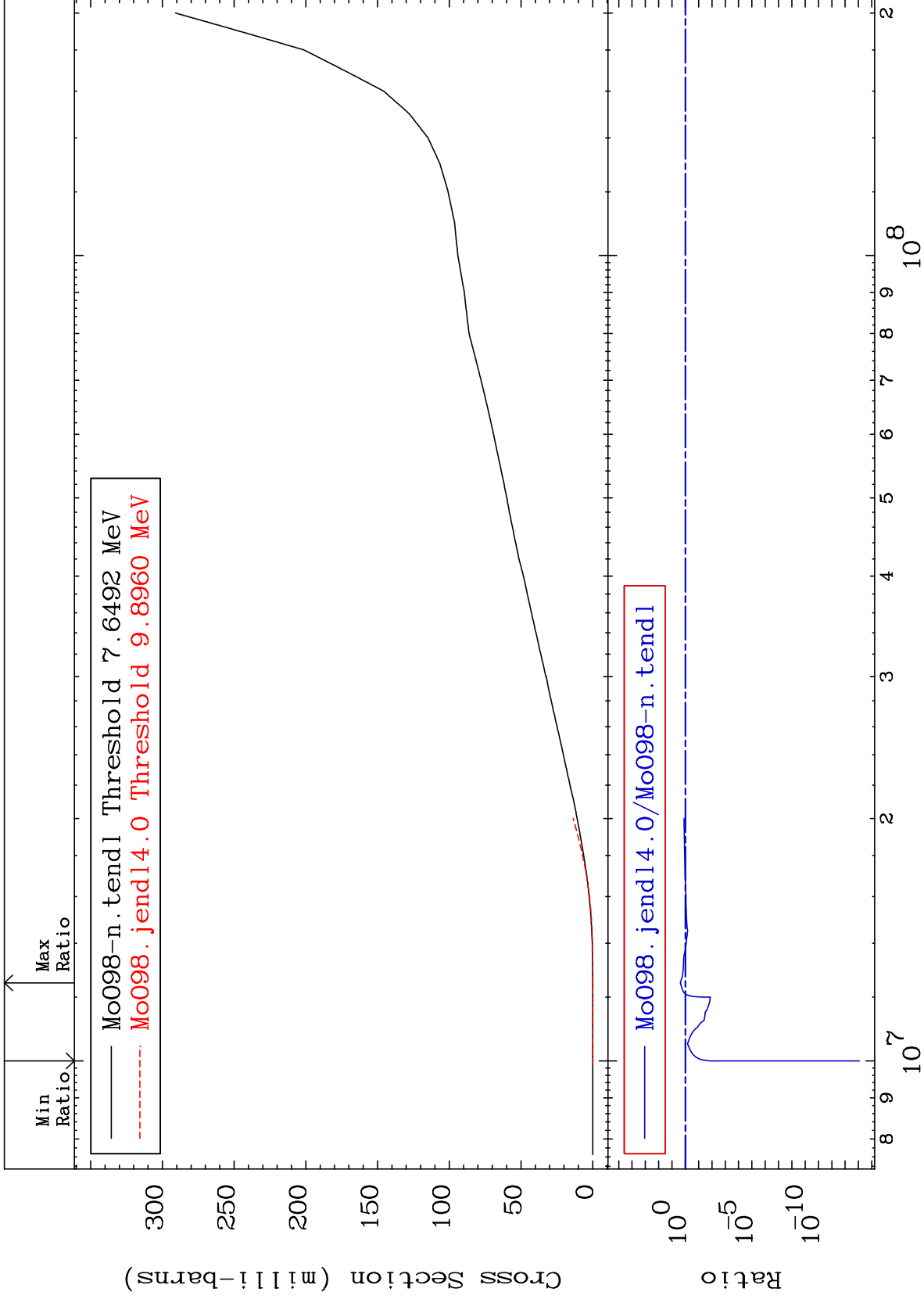
MAT 4243

(n, α)
Cross Section

42-Mo-98
-62.49 To -11.40%



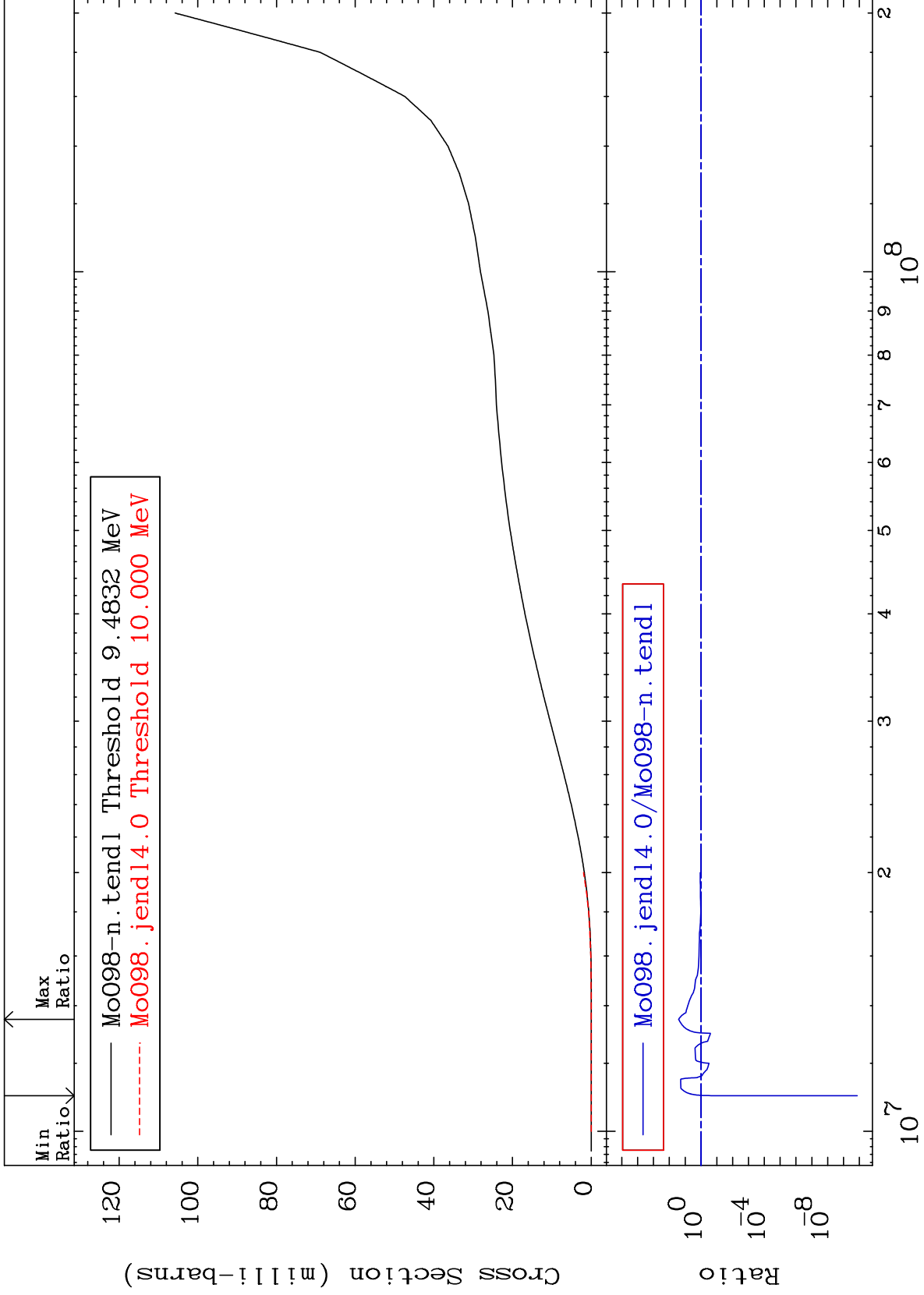




MAT 4243

Tritium Production
Cross Section

42-Mo-98
-100.0 To 2485. %



37

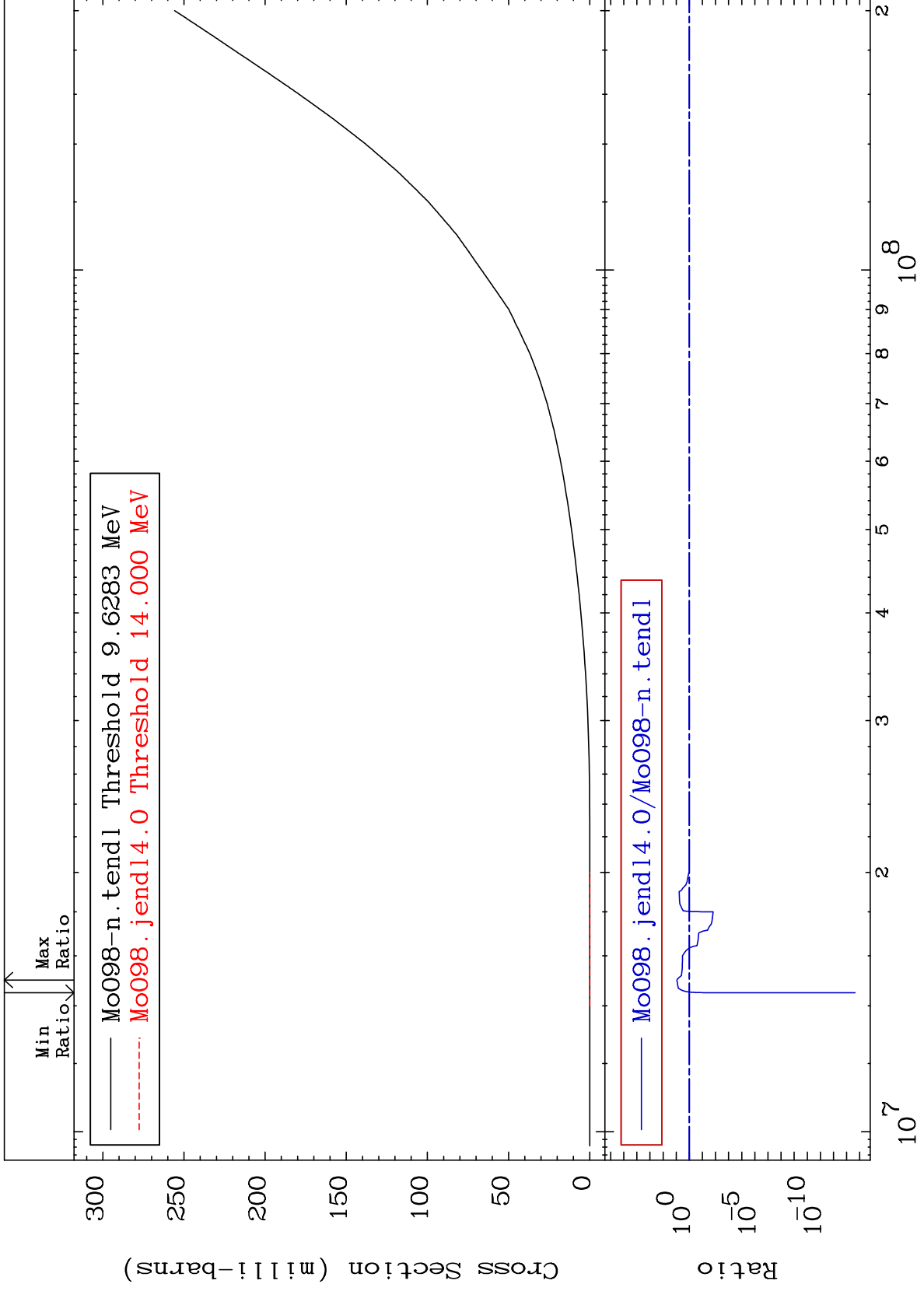
Incident Energy (eV)

42-Mo-98

MAT 4243

He-3 Production
Cross Section

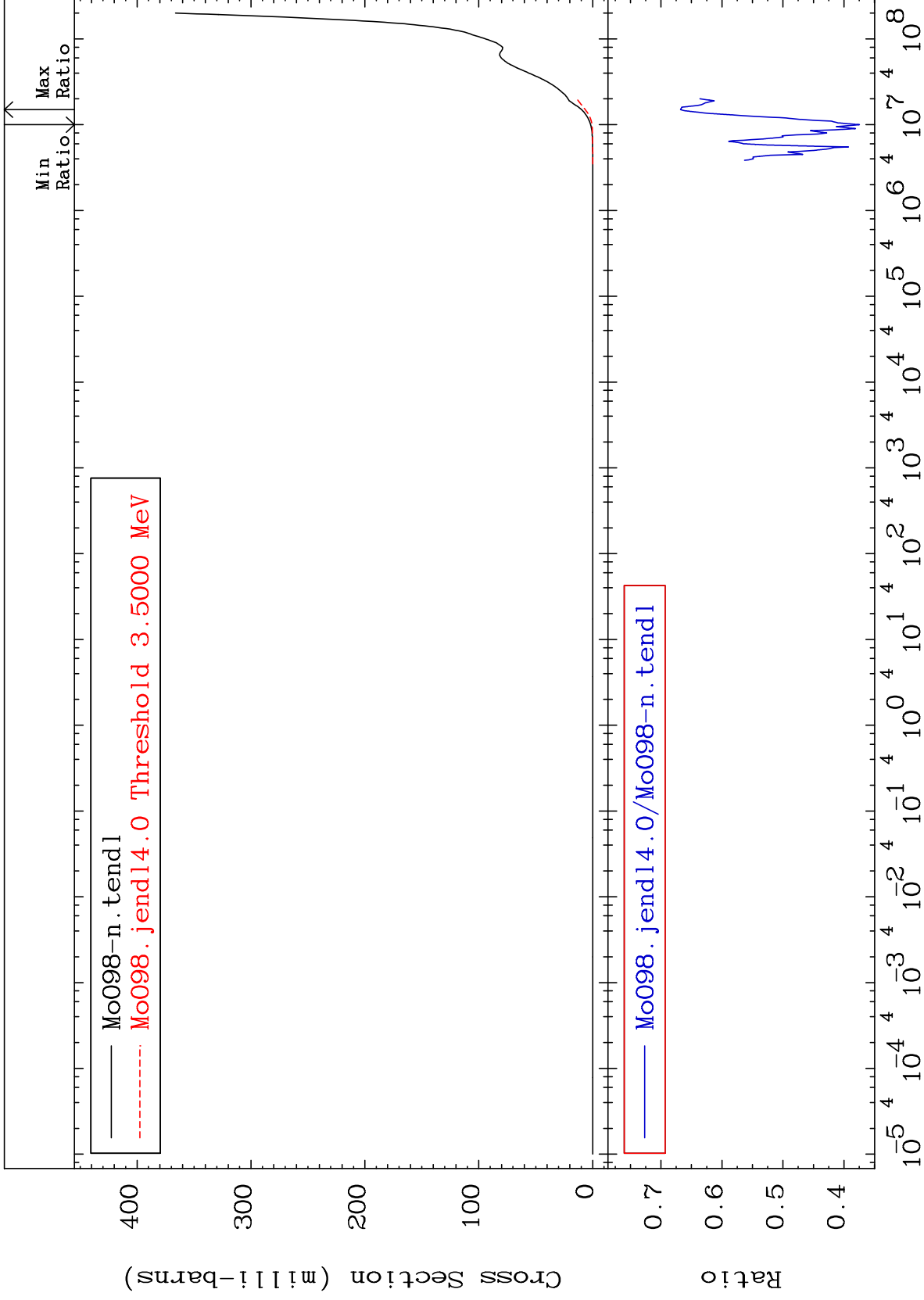
42-Mo-98
-100.0 To 779.4 %



38

Incident Energy (eV)

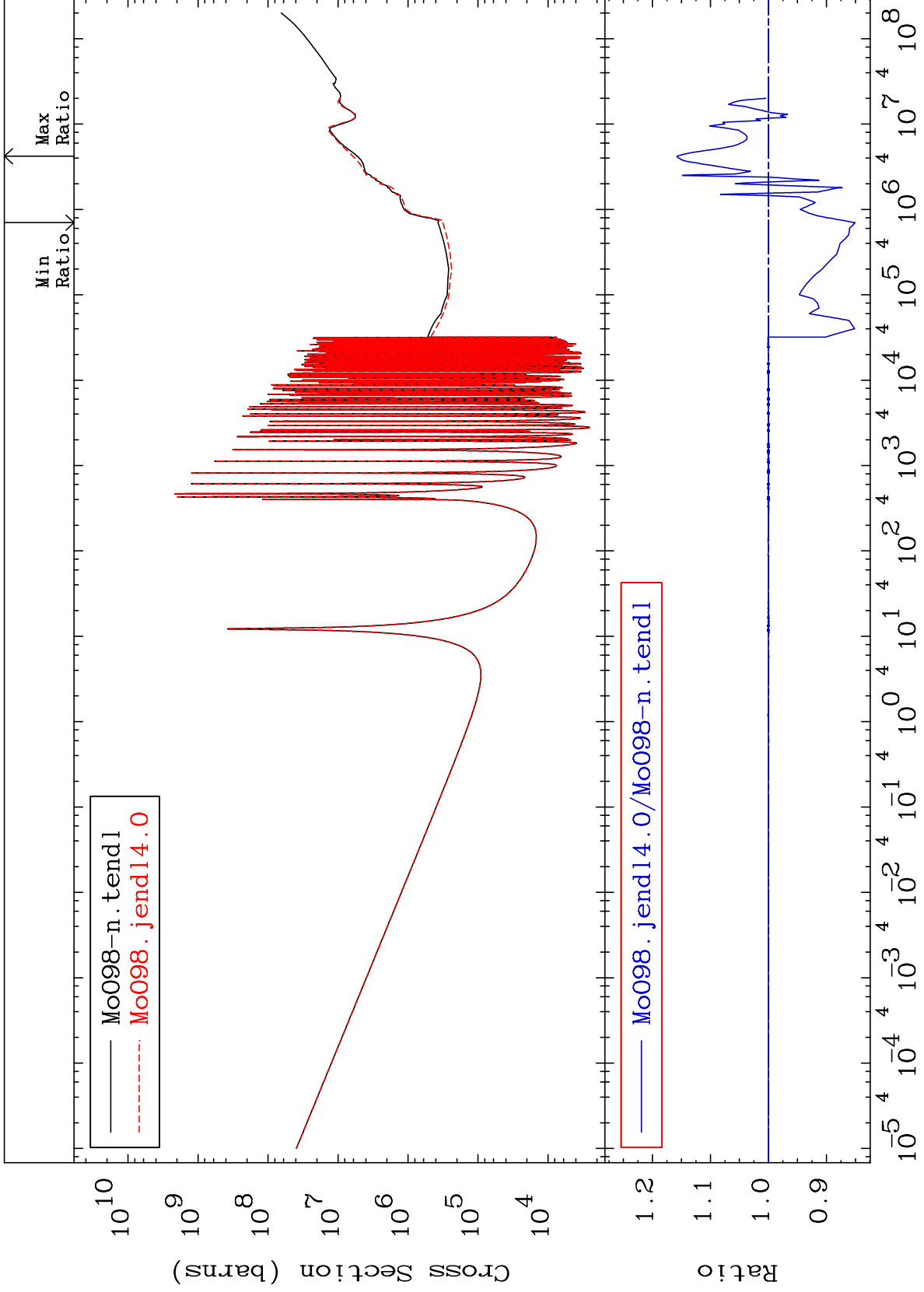
42-Mo-98



MAT 4243

Kerma total (eV-barns)
Cross Section

42-Mo-98
-14.95 To 15.78 %



40

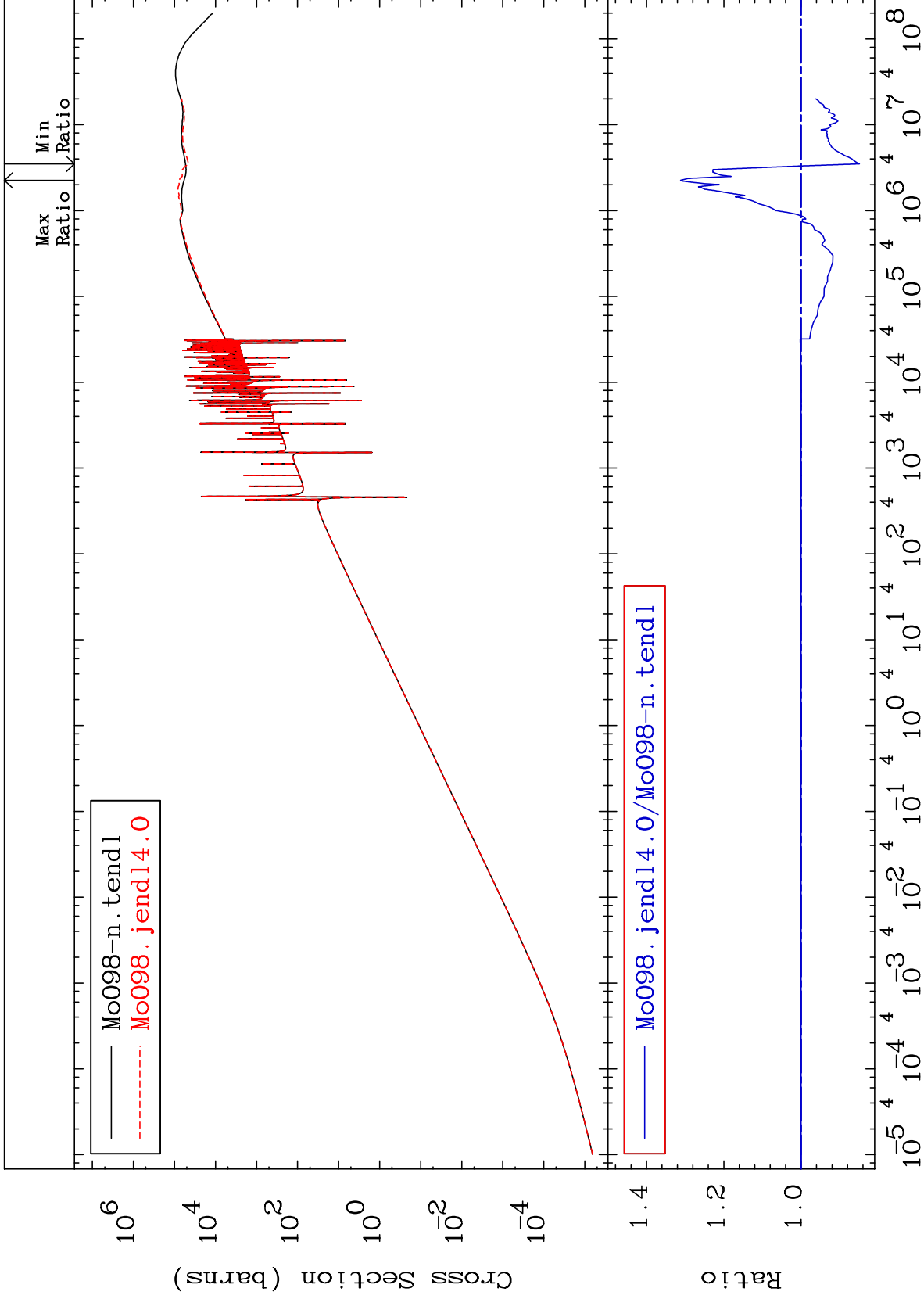
Incident Energy (eV)

42-Mo-98

MAT 4243

Kerma elastic
Cross Section

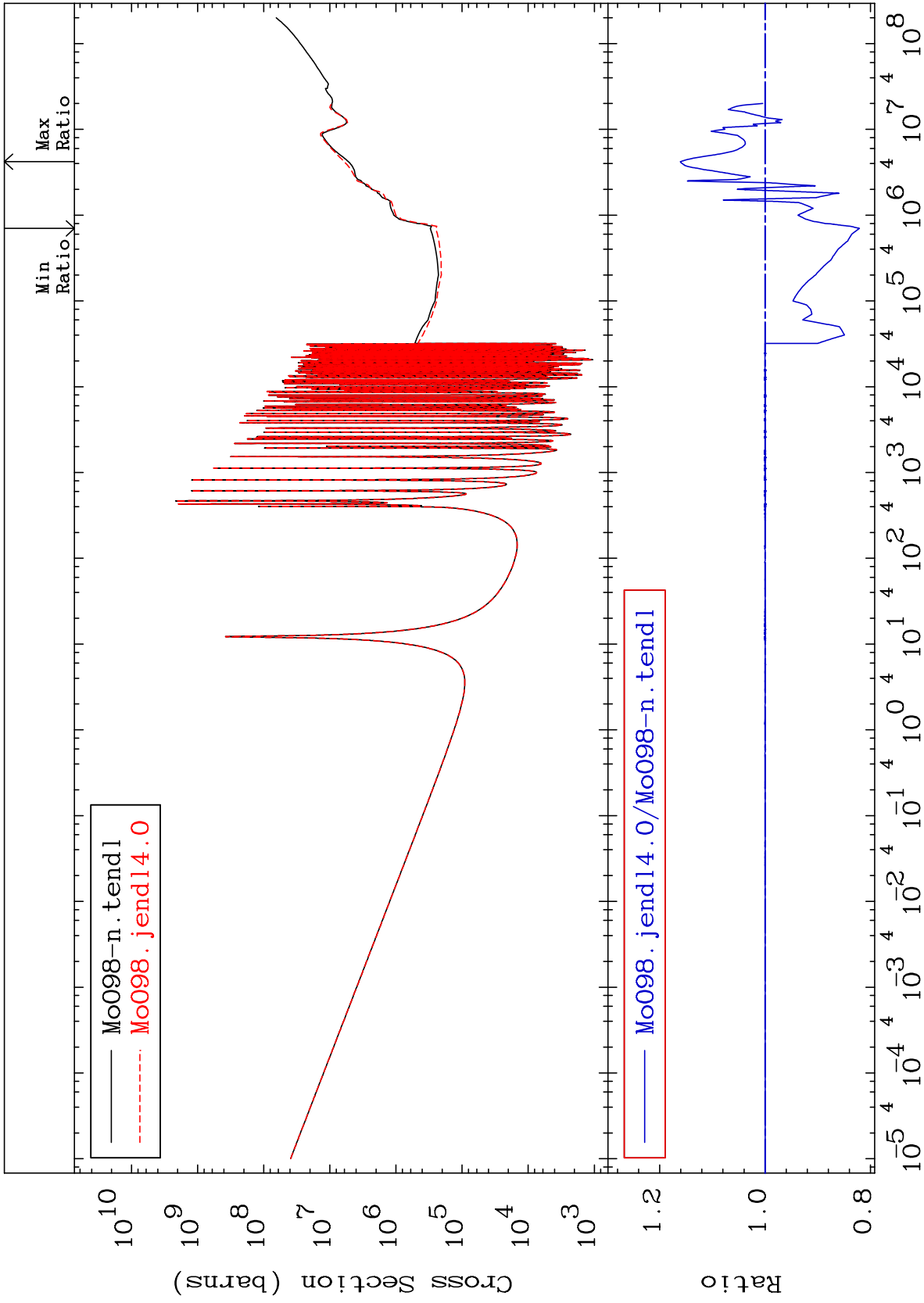
42-Mo-98
-15.09 To 31.24 %



MAT 4243

Kerma non-elastic (all but mt2)
Cross Section

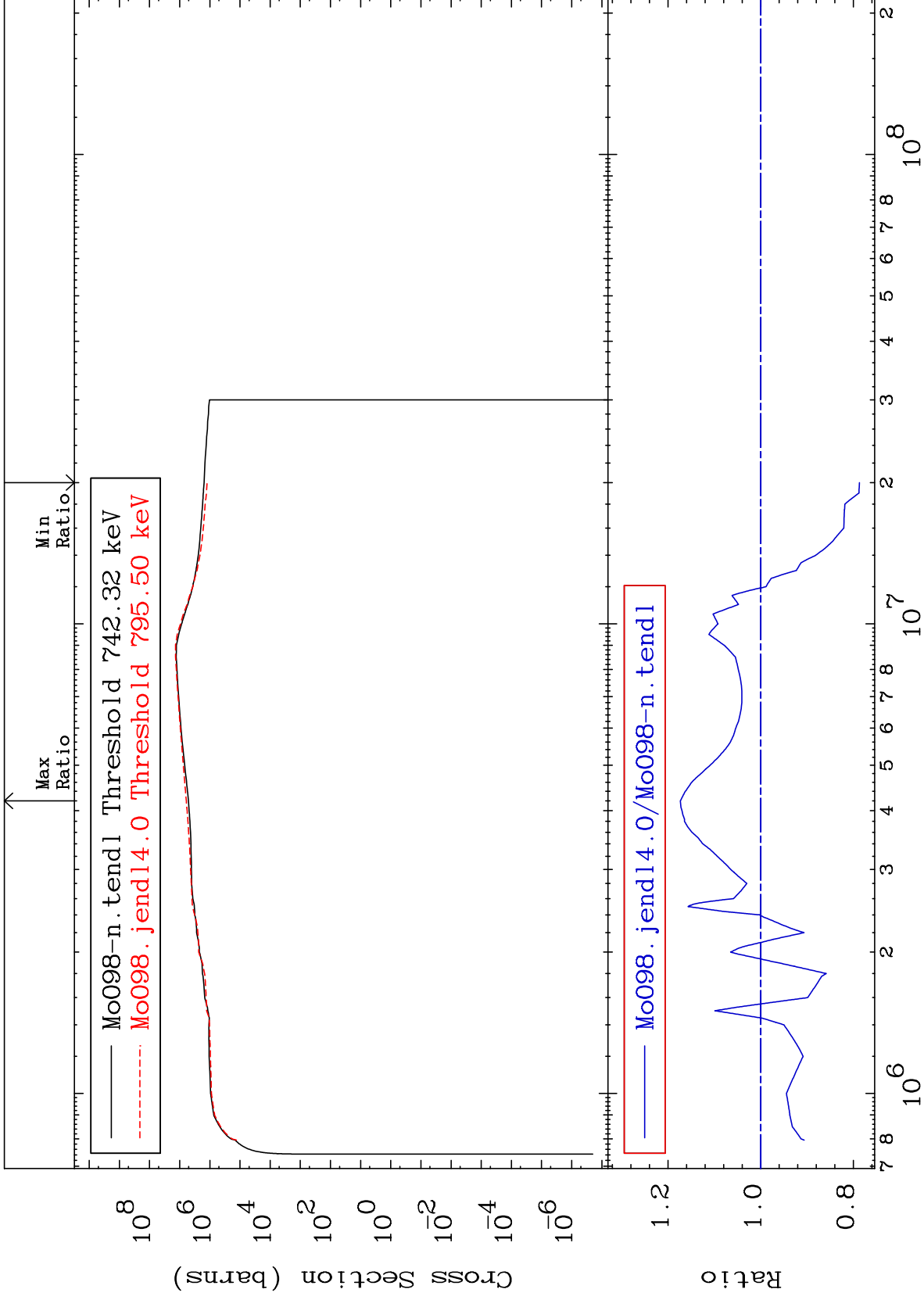
42-Mo-98
-17.91 To 16.09 %

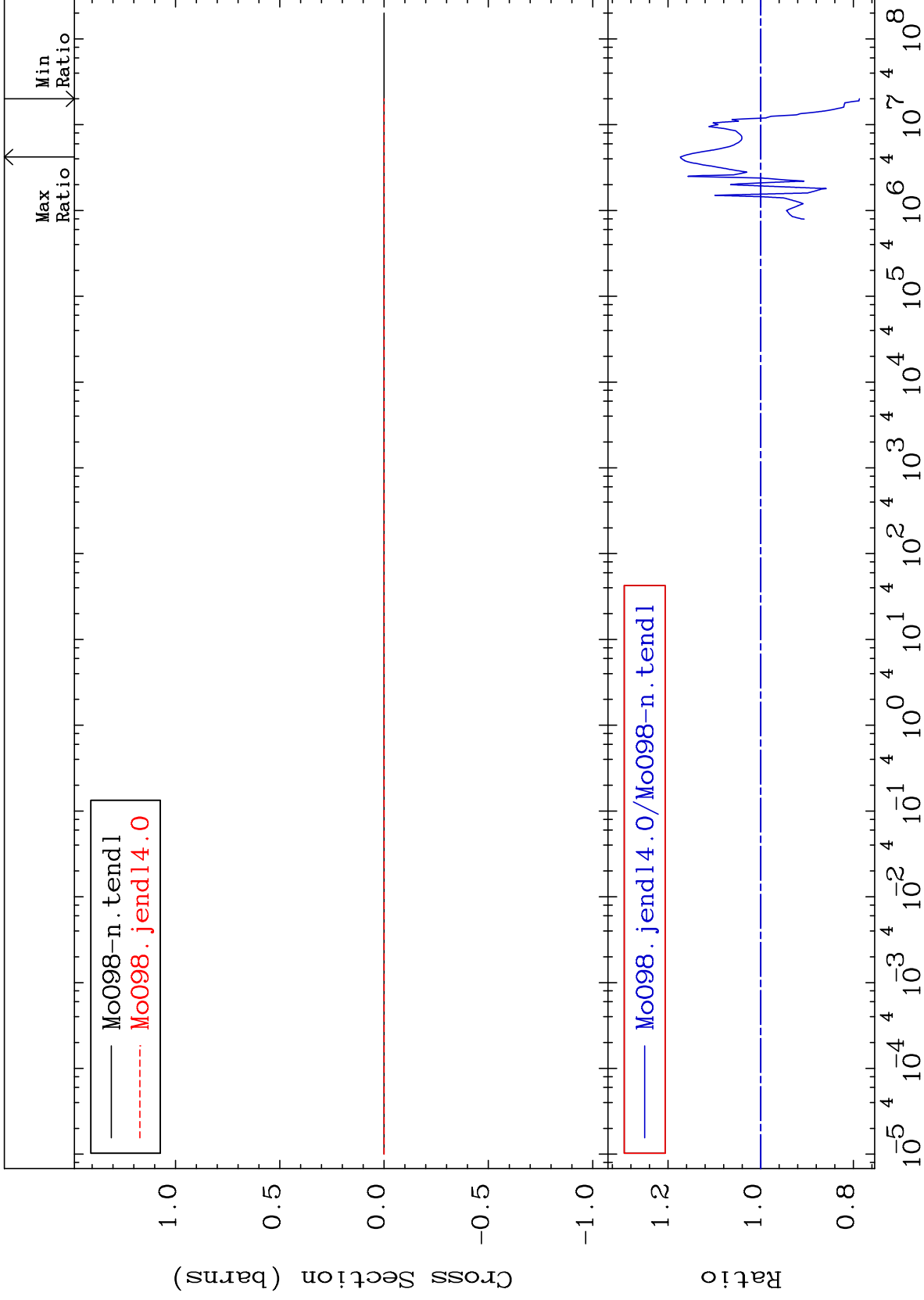


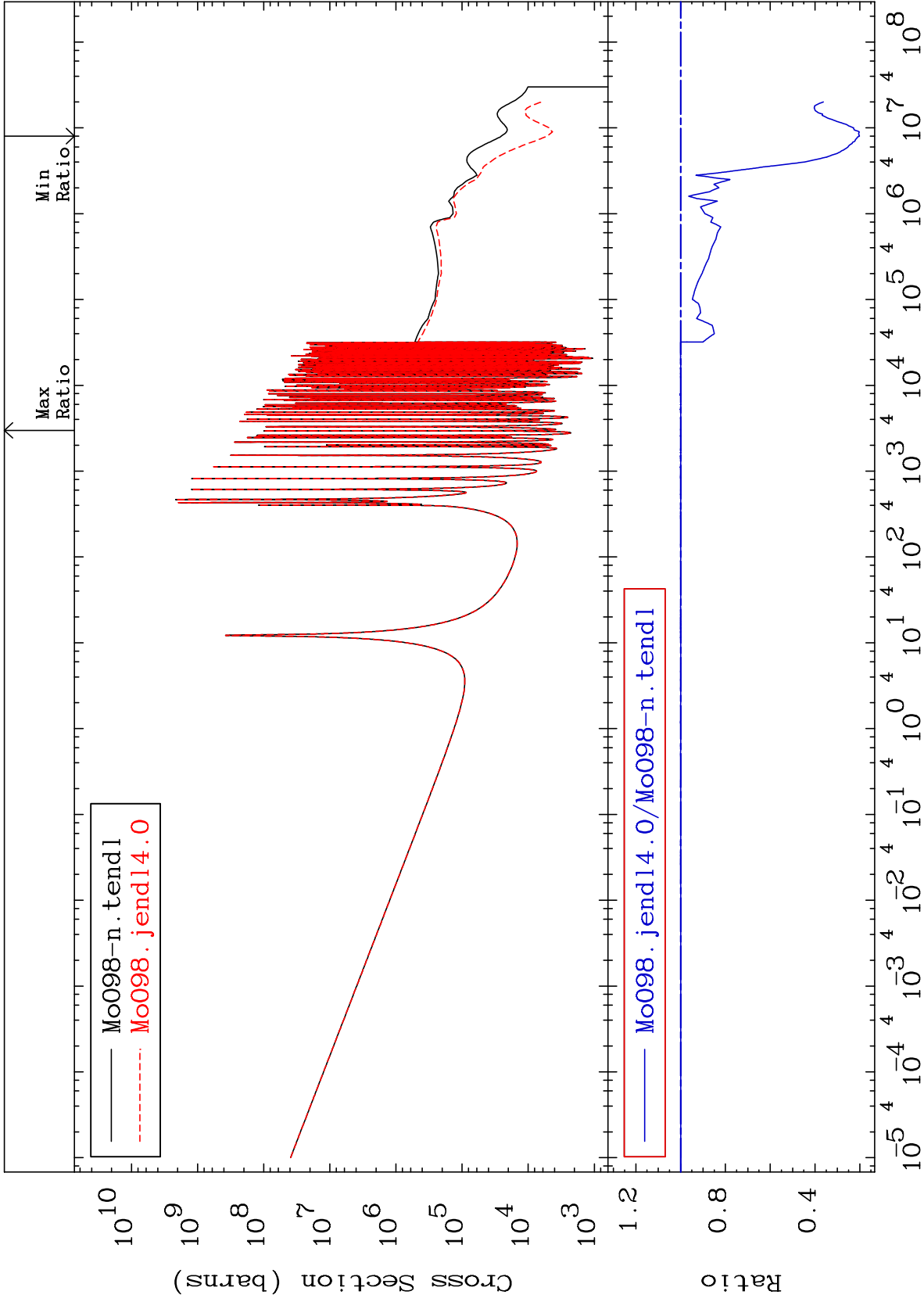
42

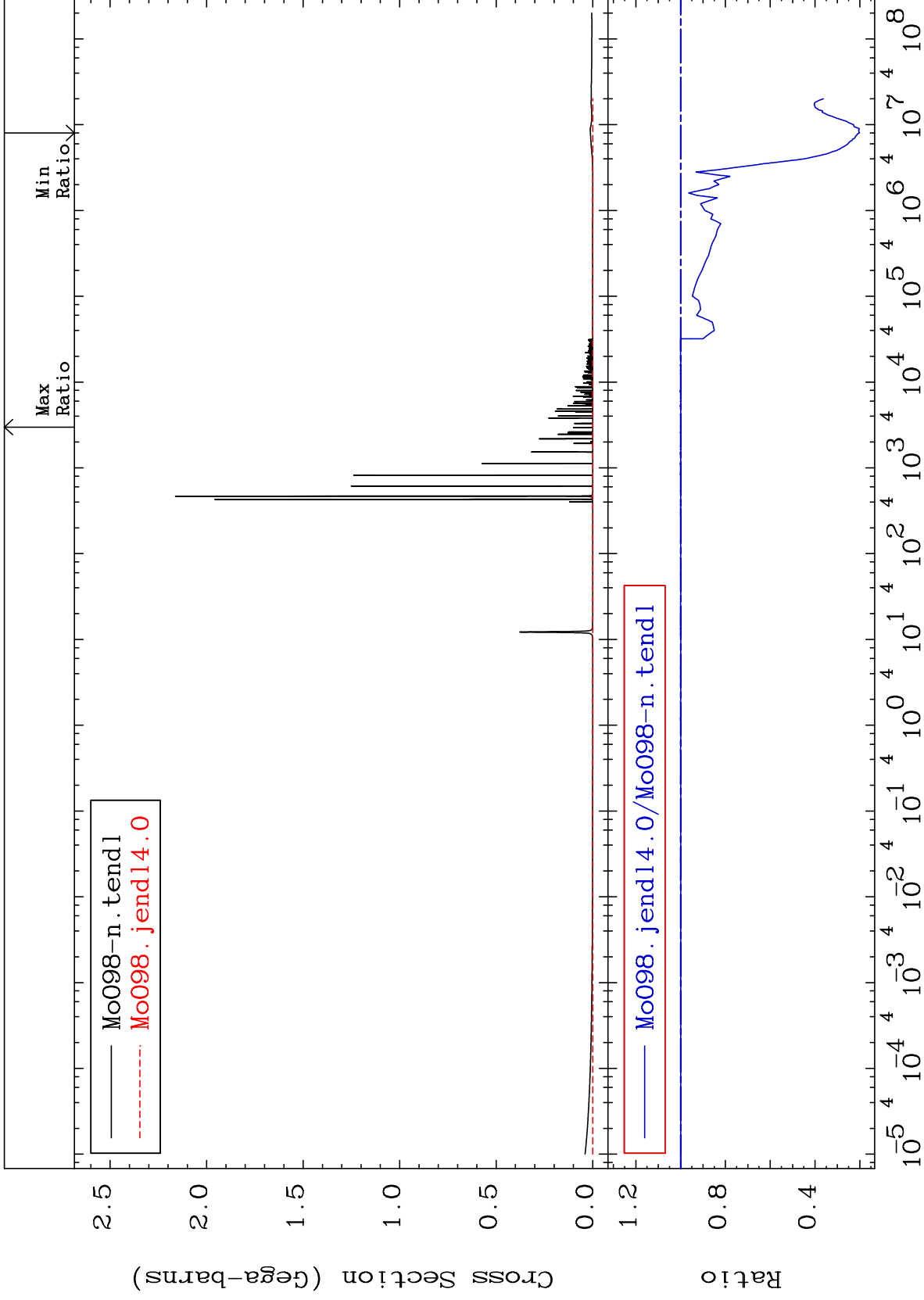
Incident Energy (eV)

42-Mo-98





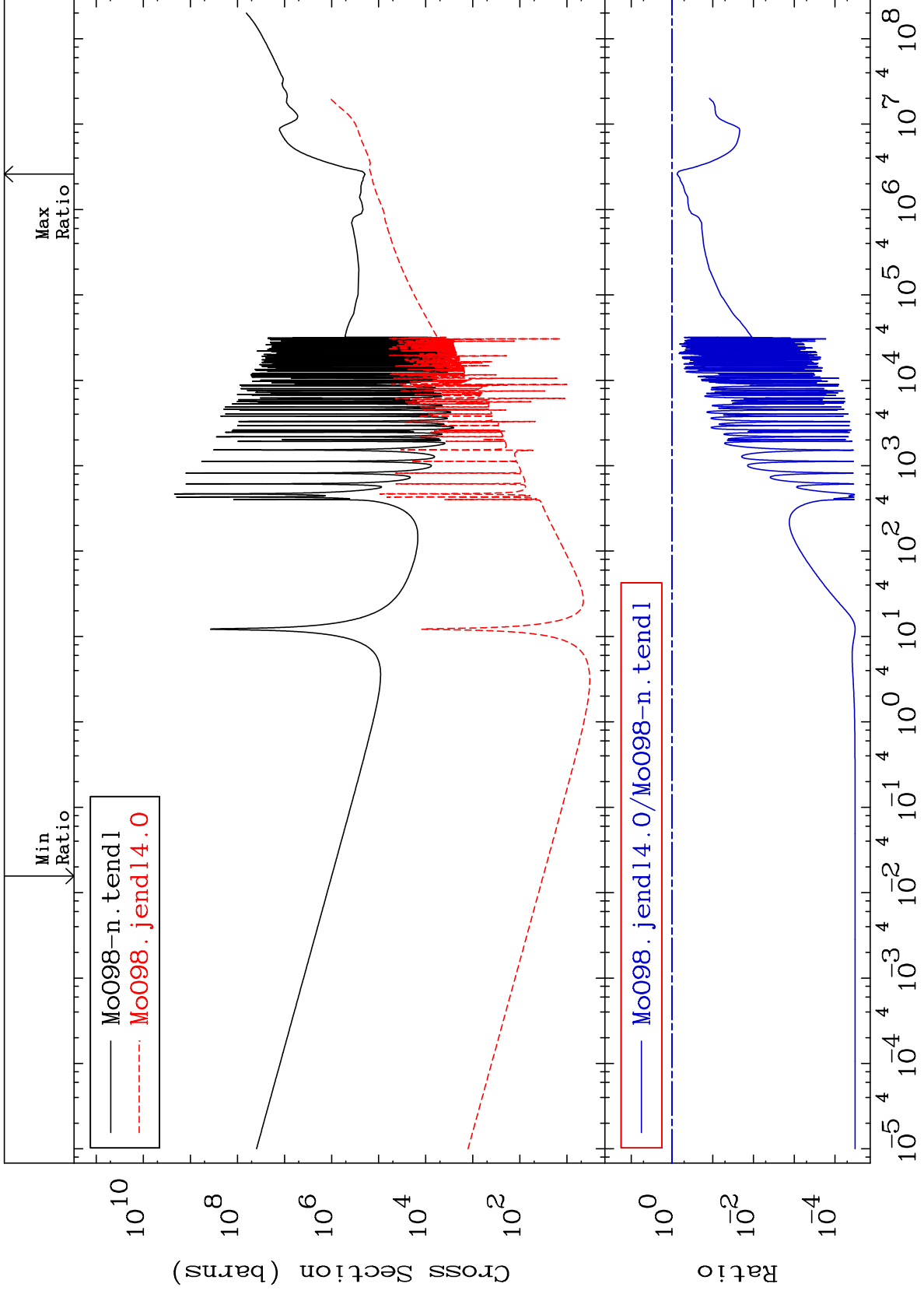




MAT 4243

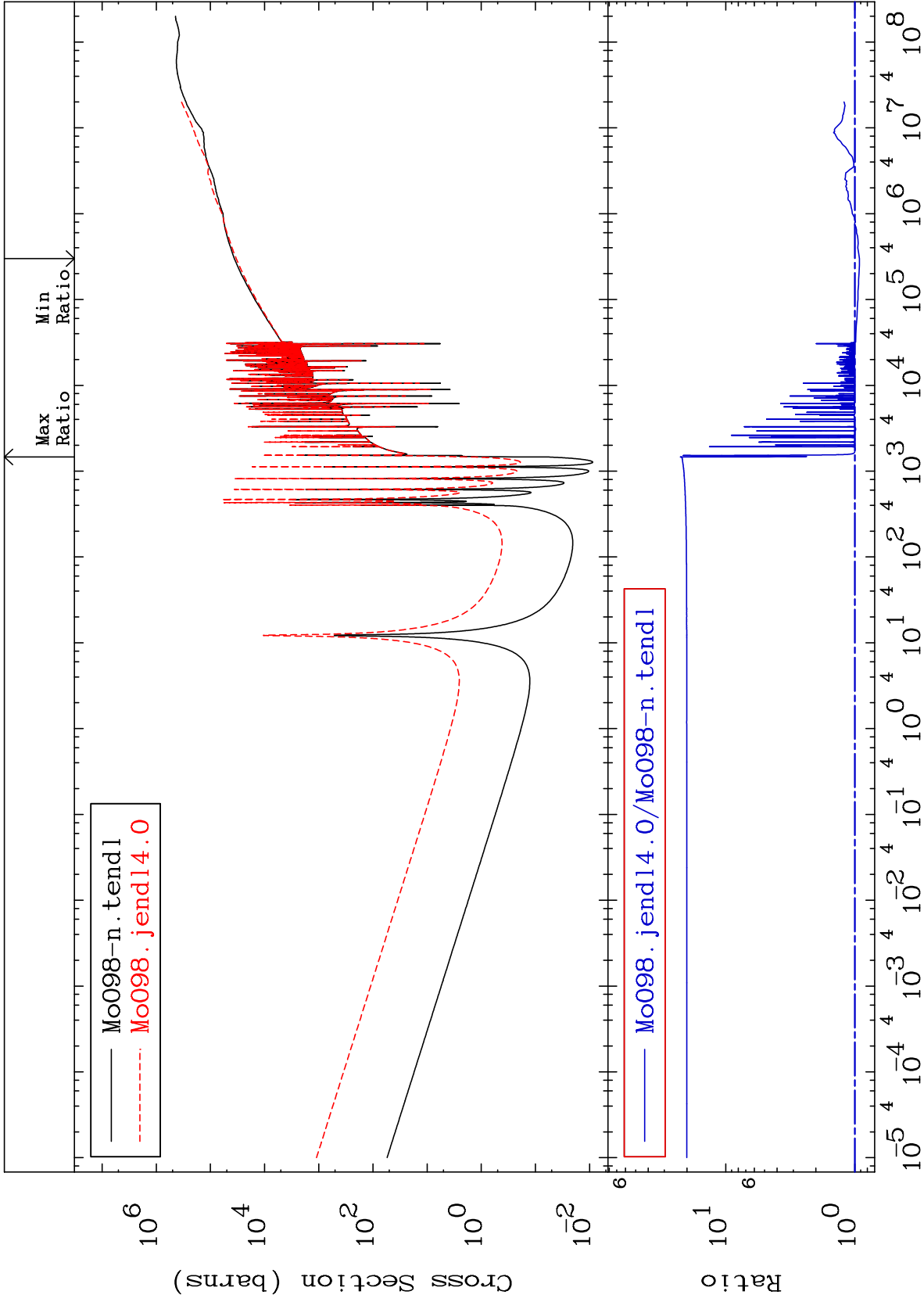
Total kinematic kerma (high limit)
Cross Section

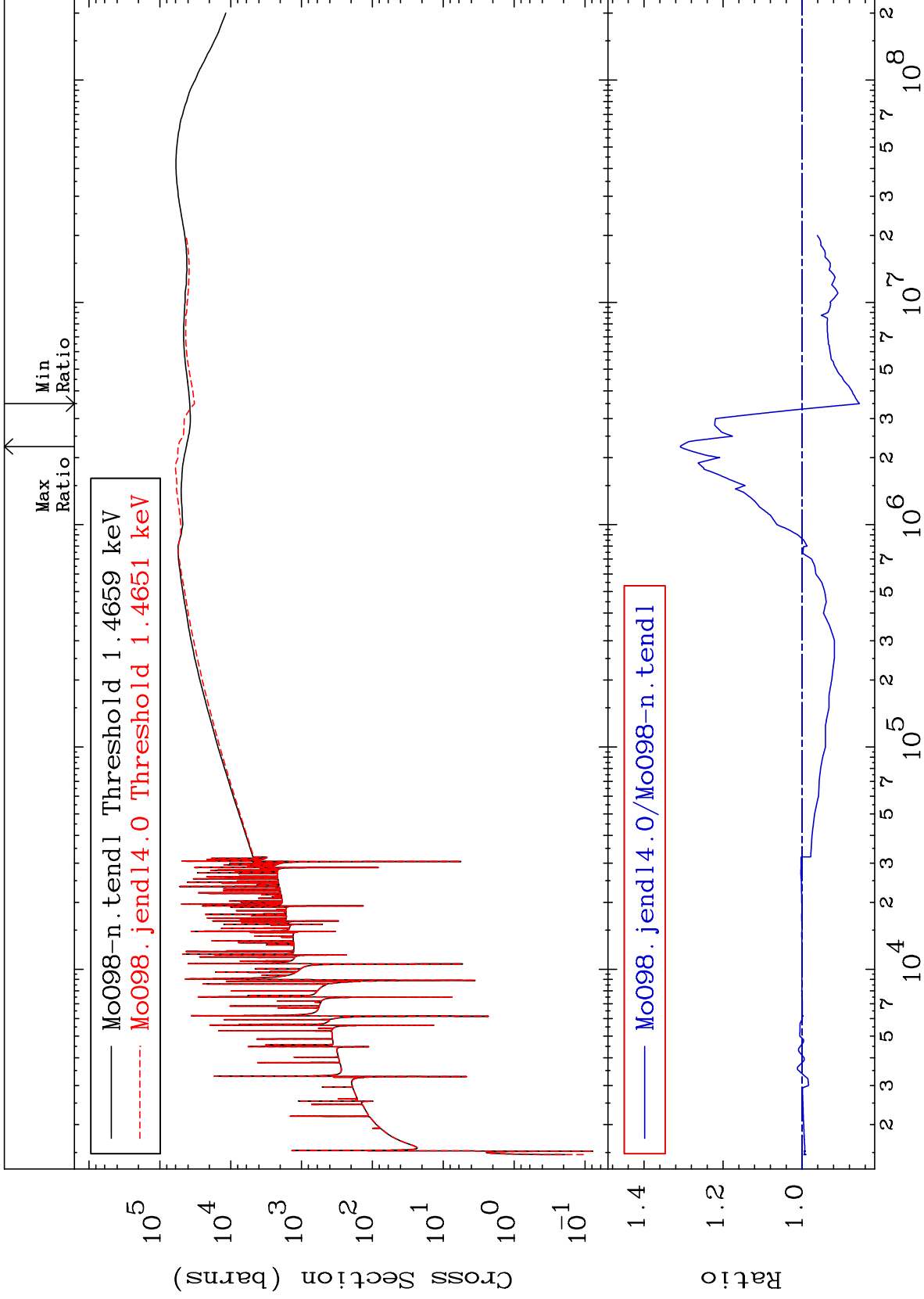
42-Mo-98
-100.0 To -24.66%



-7.981 To 2150. %

Cross Section

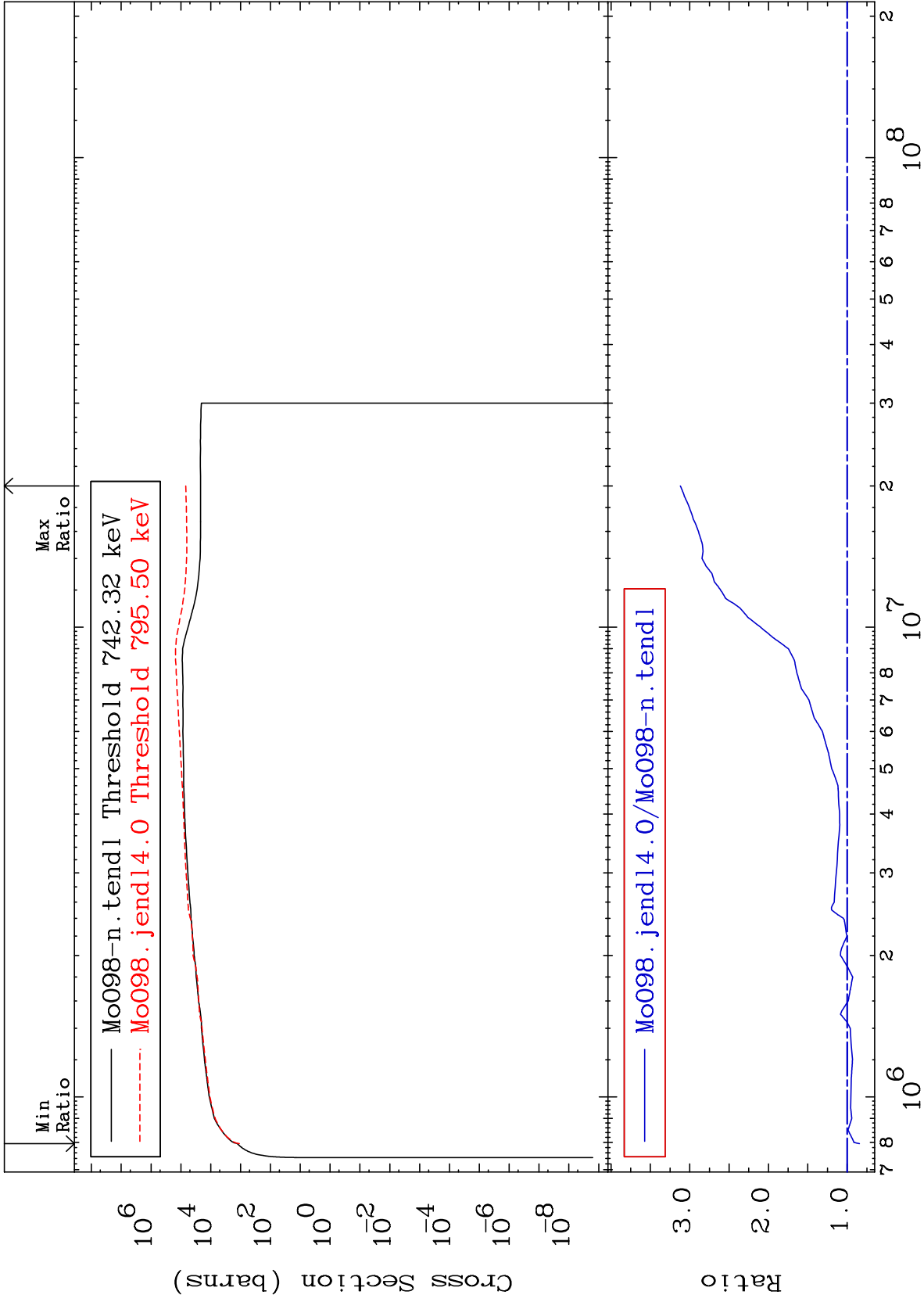




MAT 4243

Dpa inelastic (mt51-91)
Cross Section

42-Mo-98
-15.57 To 211.9 %



50

Incident Energy (eV)

42-Mo-98

MAT 4243

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-98
-48.00 To 9999. %

