

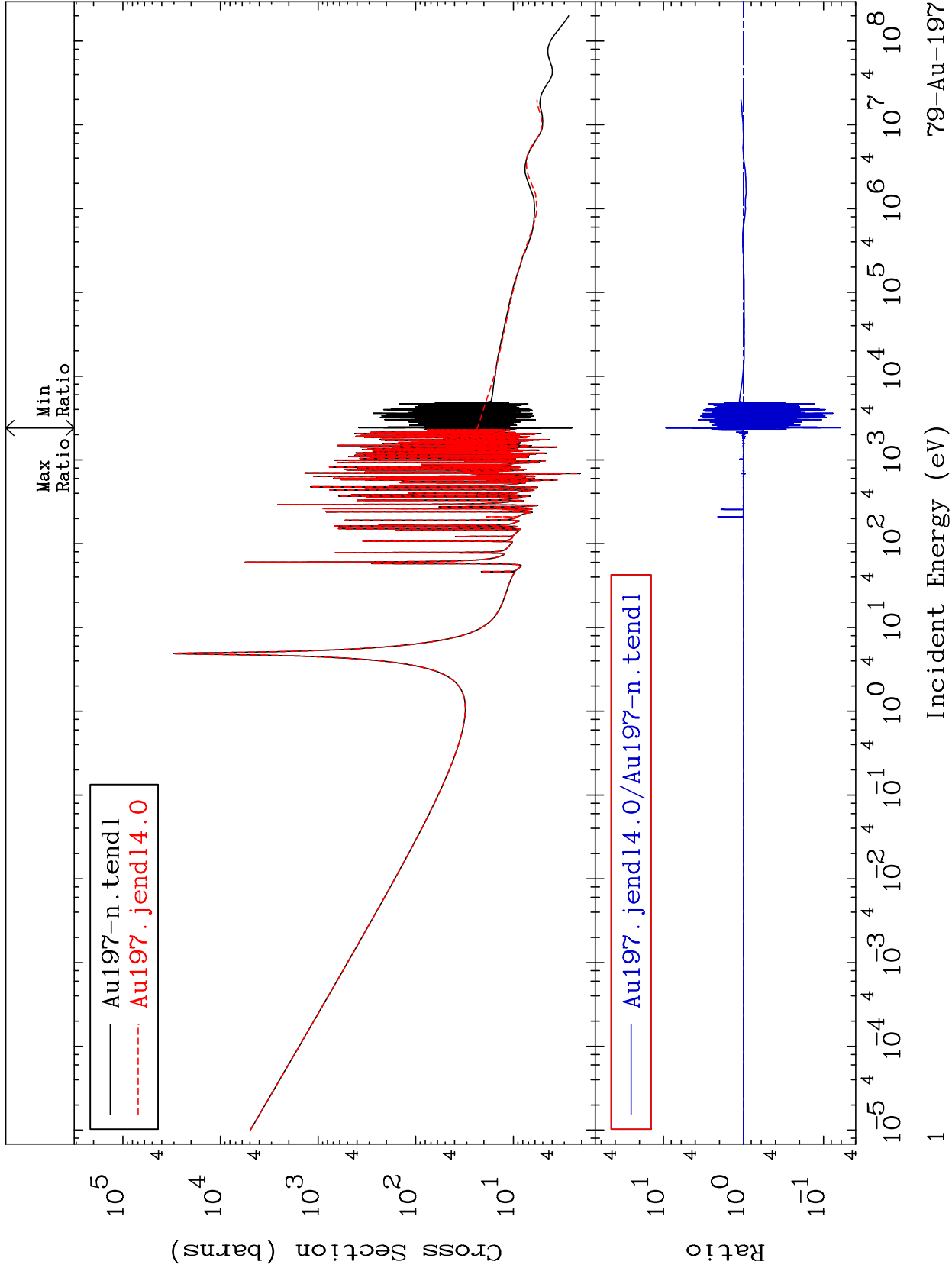
MAT 7925

Total

Cross Section

79-Au-197

-93.91 To 831.0 %



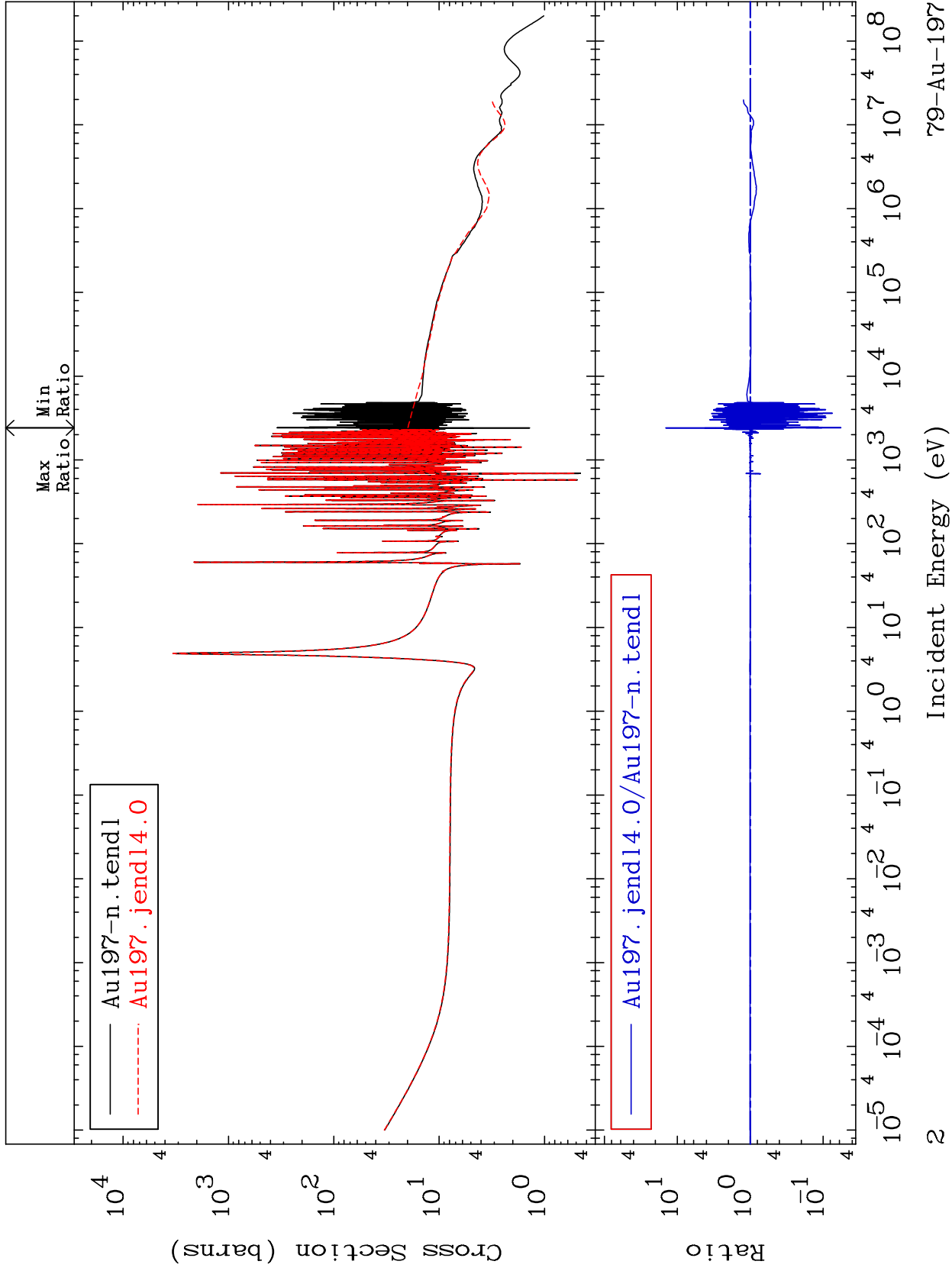
Incident Energy (eV)

79-Au-197

MAT 7925

Elastic
Cross Section

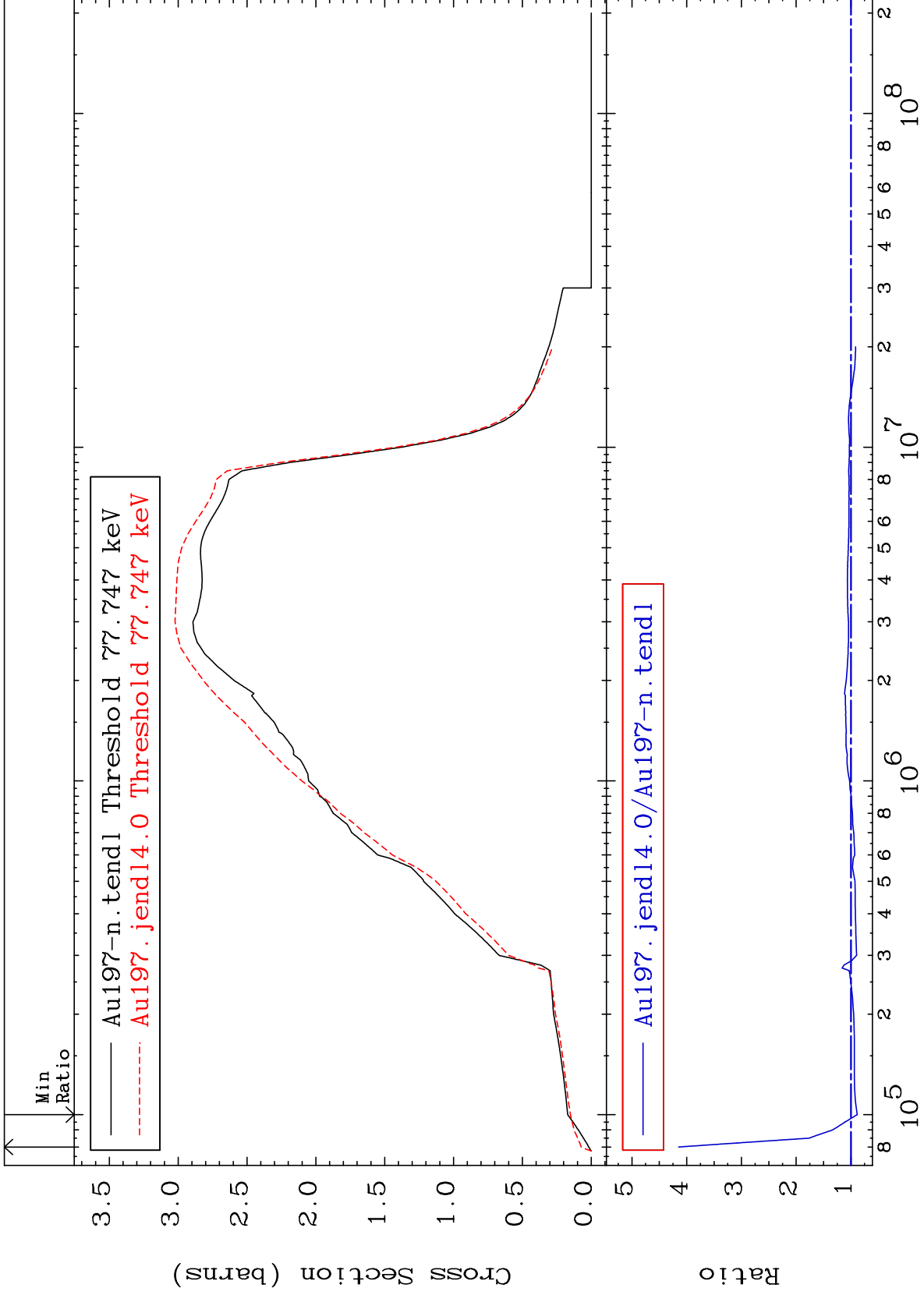
79-Au-197
-94.27 To 1333. %



MAT 7925

Inelastic
Cross Section

⁷⁹Au-197
-11.54 To 314.7 %



3

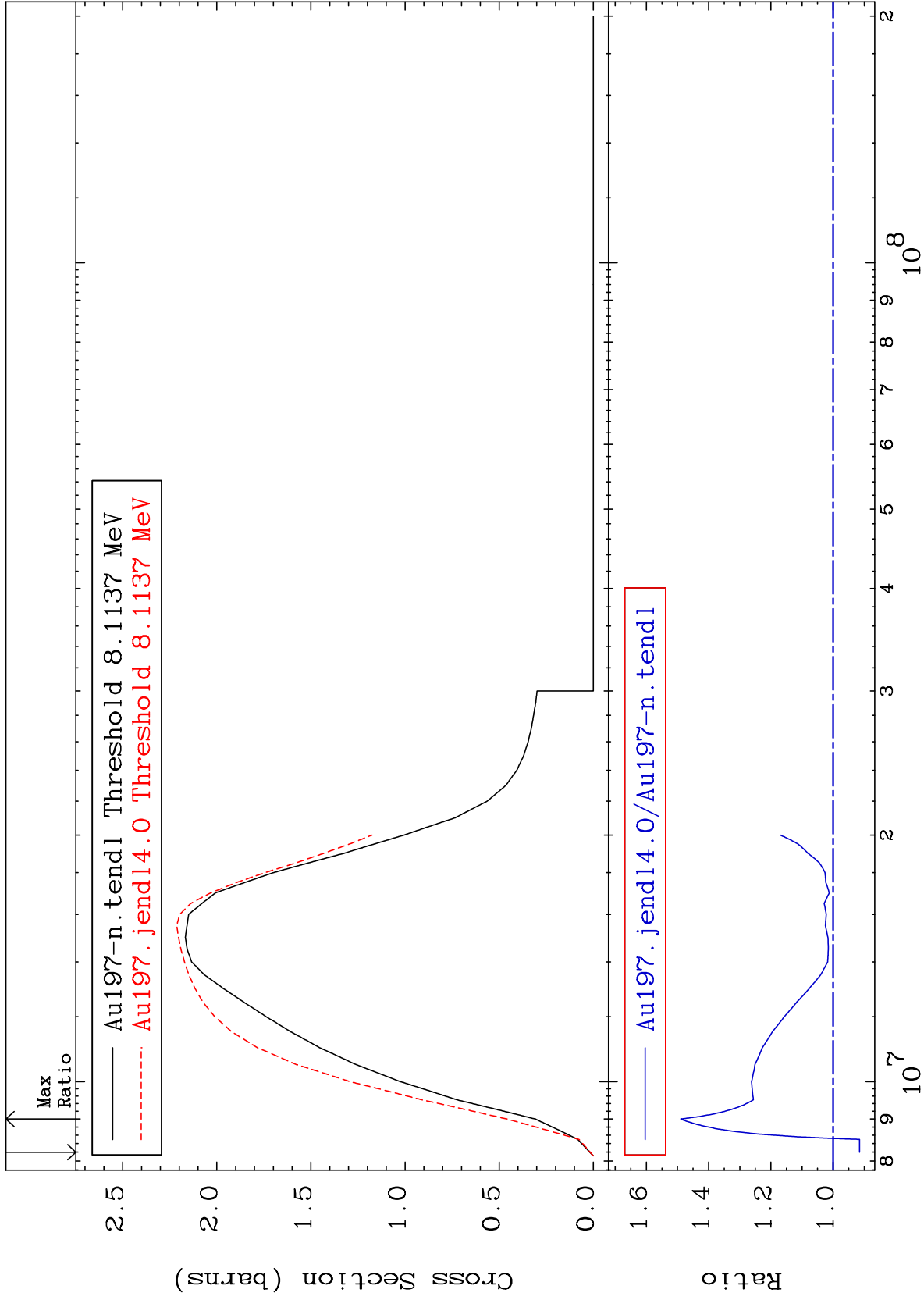
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

(n,2n)
Cross Section

⁷⁹Au-197
-8.486 To 48.94 %



Incident Energy (eV)

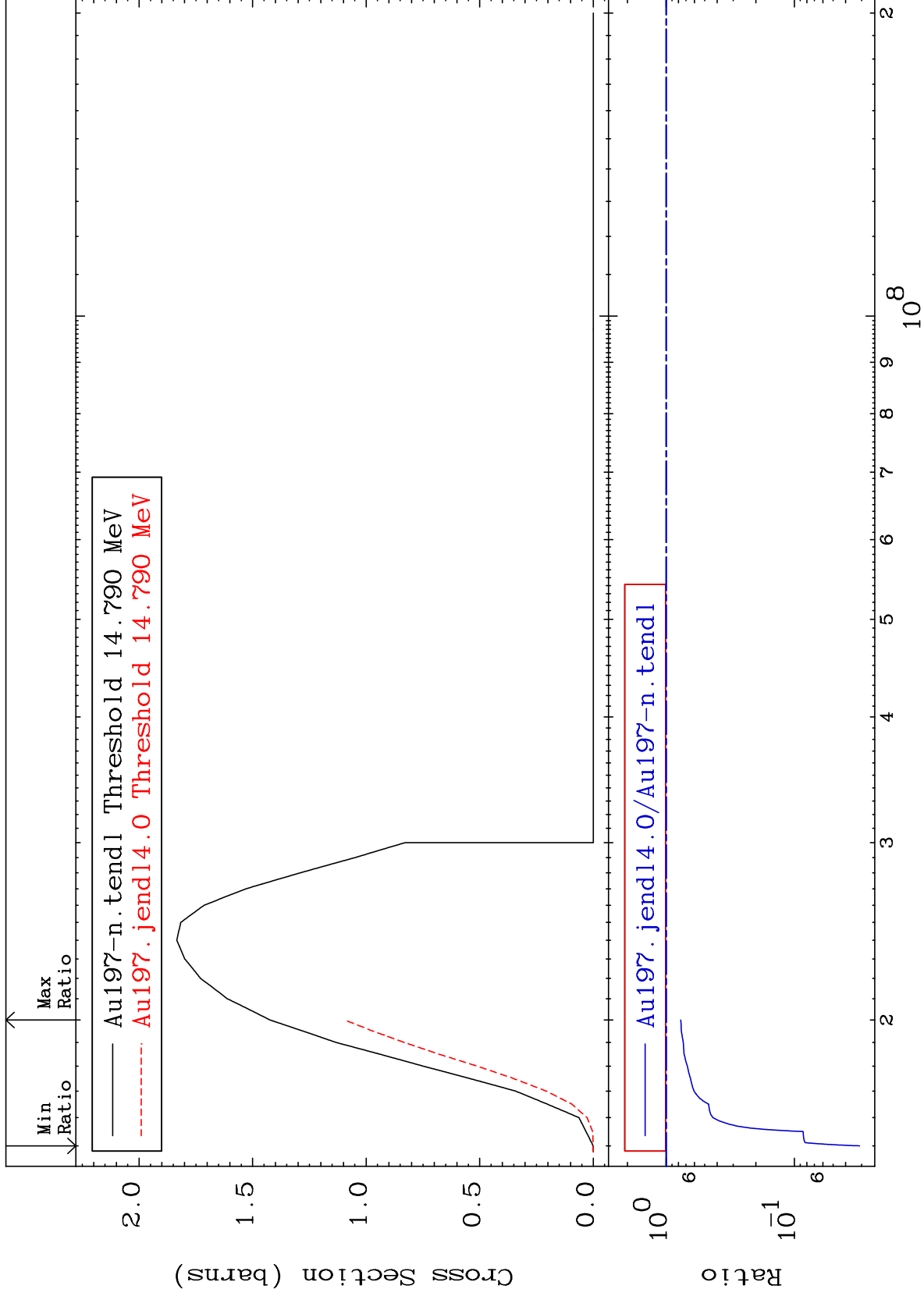
⁷⁹Au-197

4

MAT 7925

(n,3n)
Cross Section

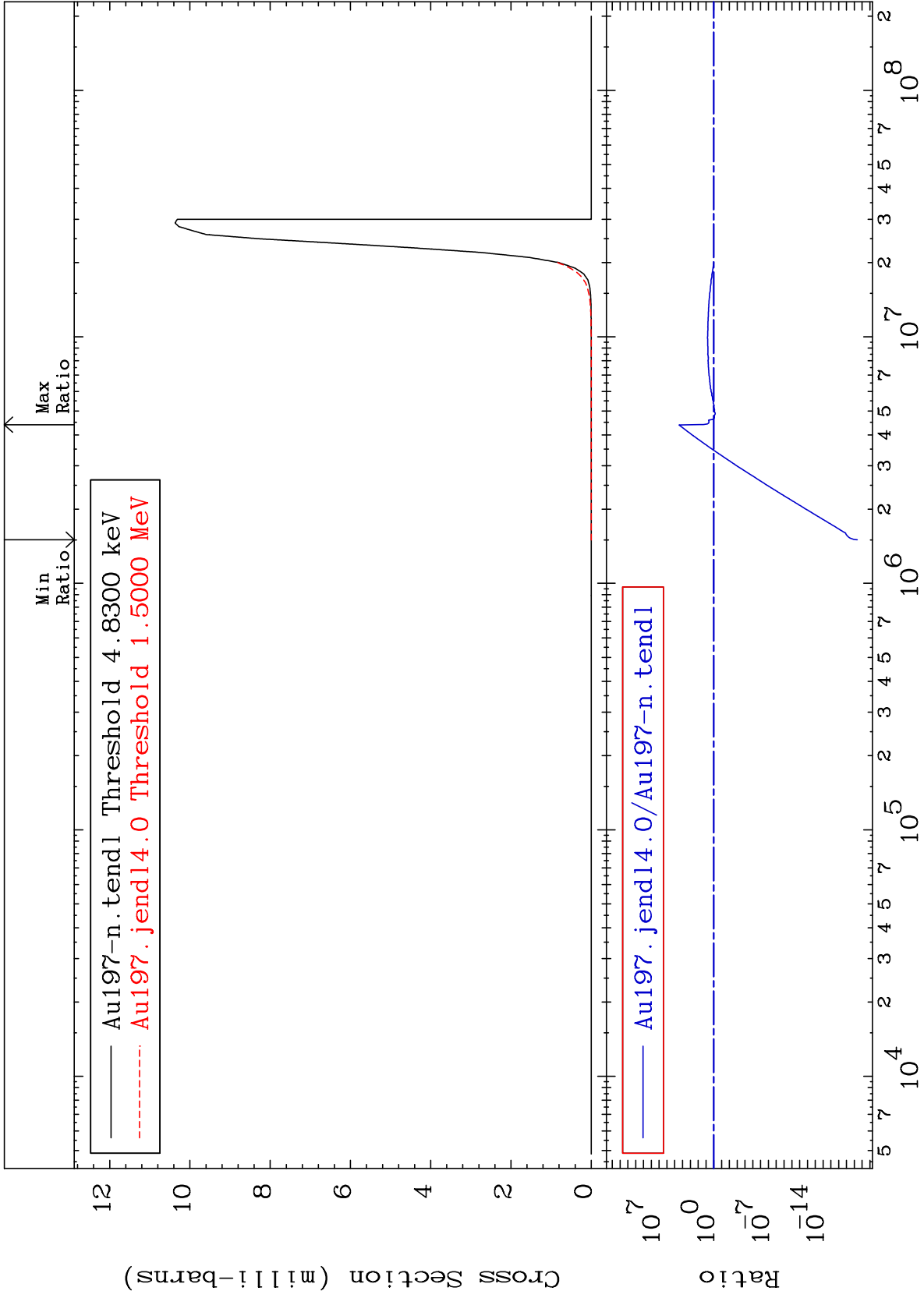
⁷⁹Au-197
-96.89 To -23.15%



MAT 7925

(n, n') α
Cross Section

⁷⁹Au-197
-100.0 To 9999. %



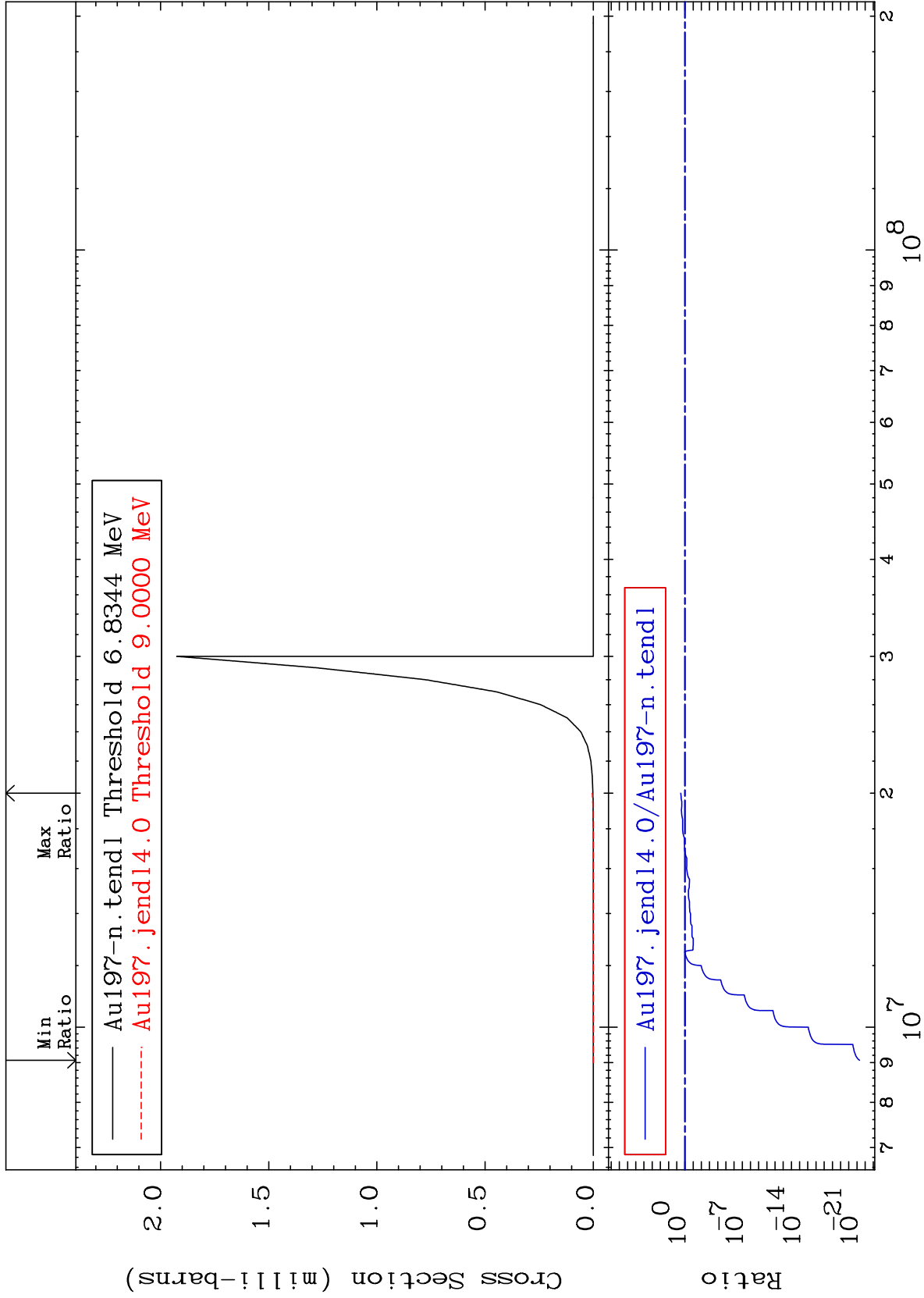
MAT 7925

(n,2n) α

79-Au-197

Cross Section

-100.0 To 222.0 %



7

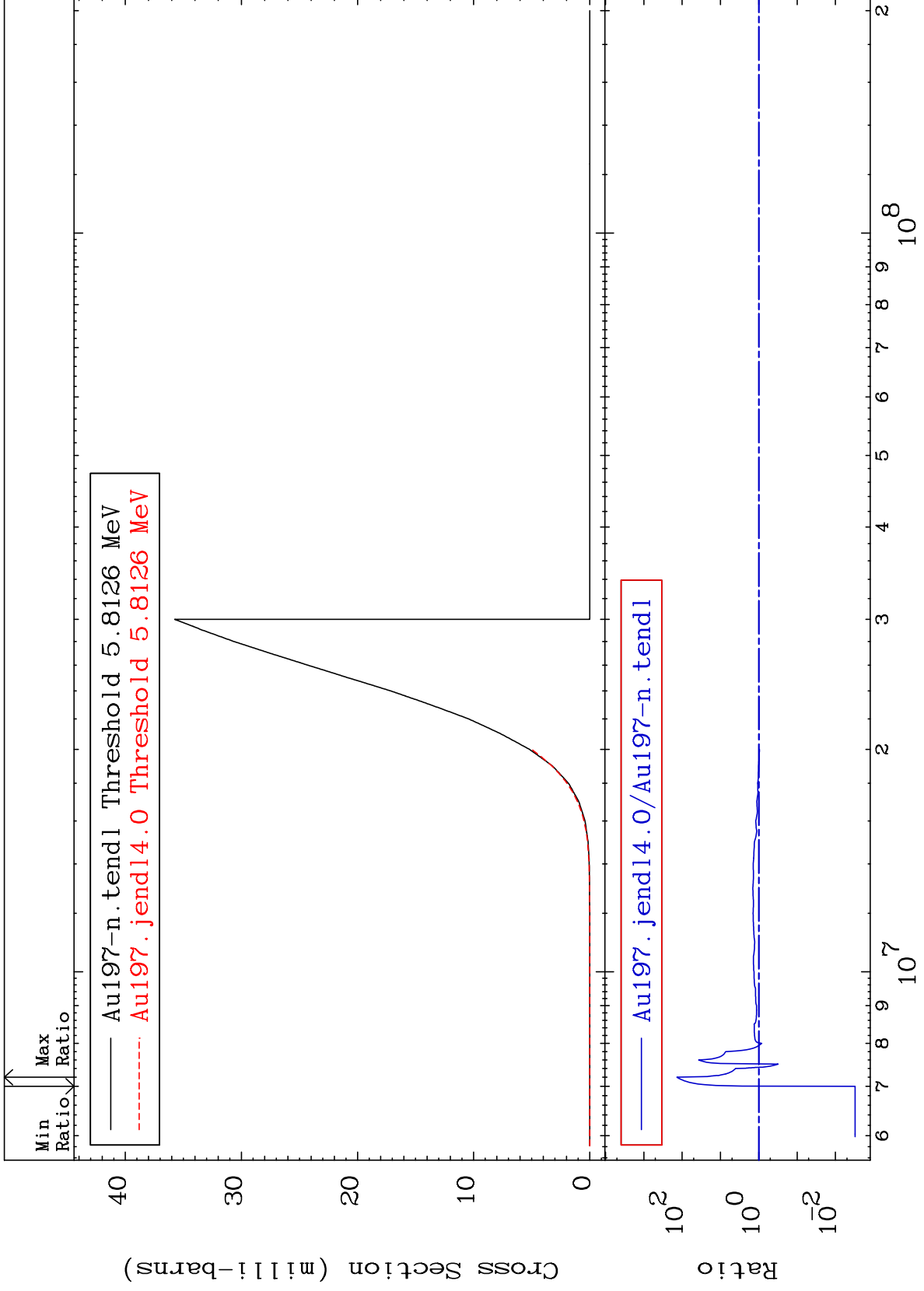
Incident Energy (eV)

79-Au-197

MAT 7925

(n,n') p
Cross Section

79-Au-197
-99.69 To 9999. %



8

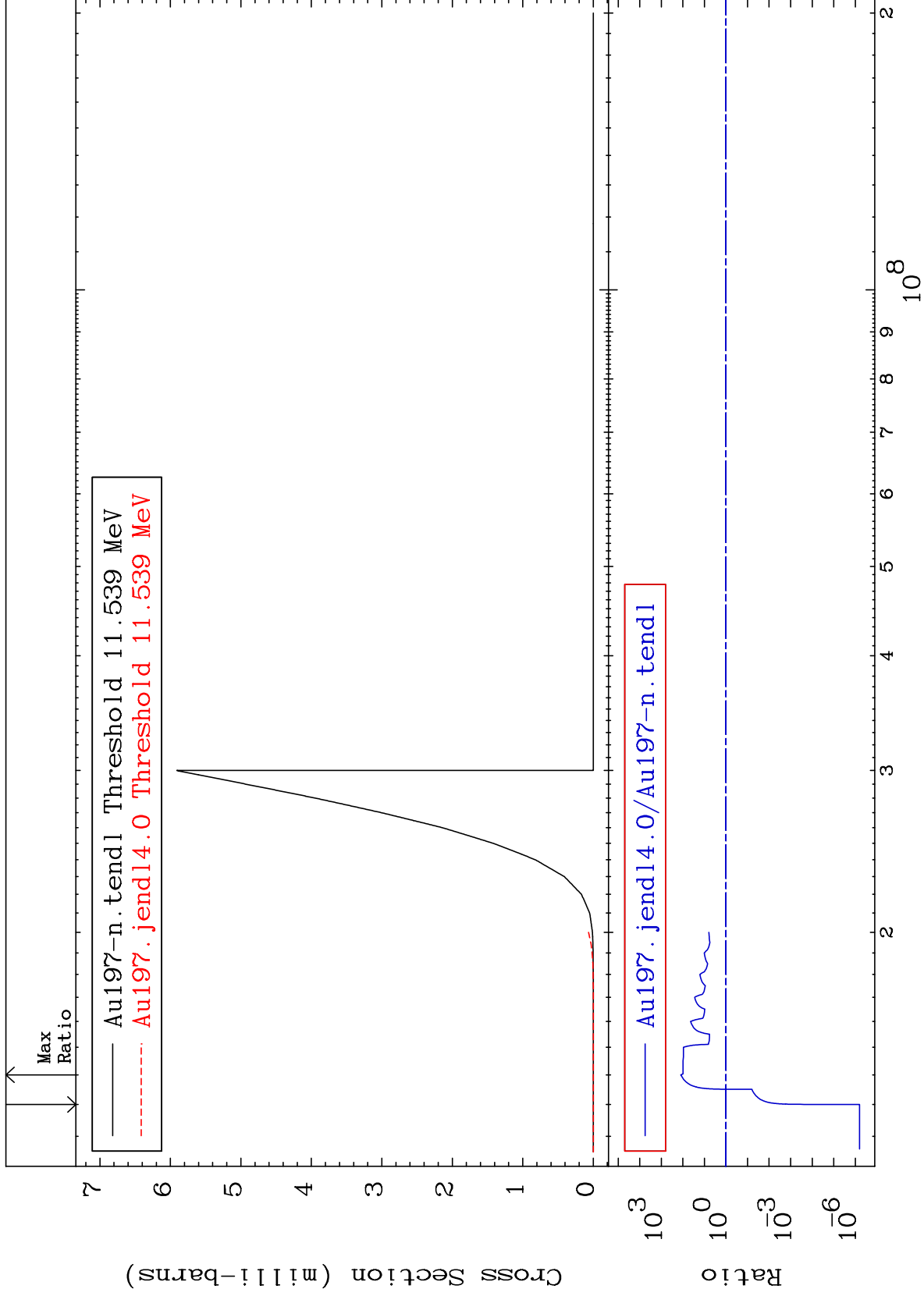
Incident Energy (eV)

79-Au-197

MAT 7925

(n,n') d
Cross Section

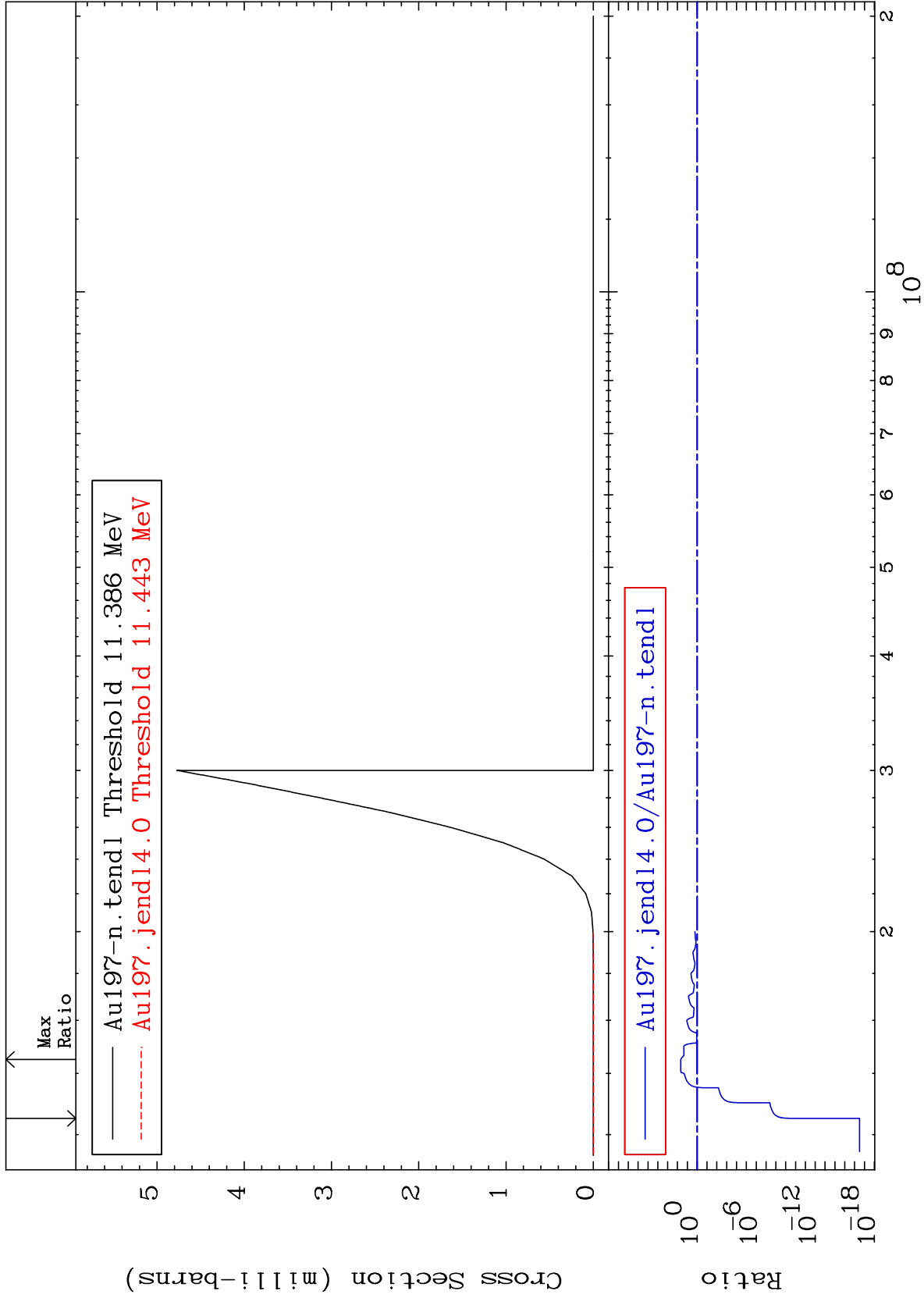
79-Au-197
-100.0 To 9999. %



MAT 7925

(n,n') t
Cross Section

79-Au-197
-100.0 To 4520. %



10

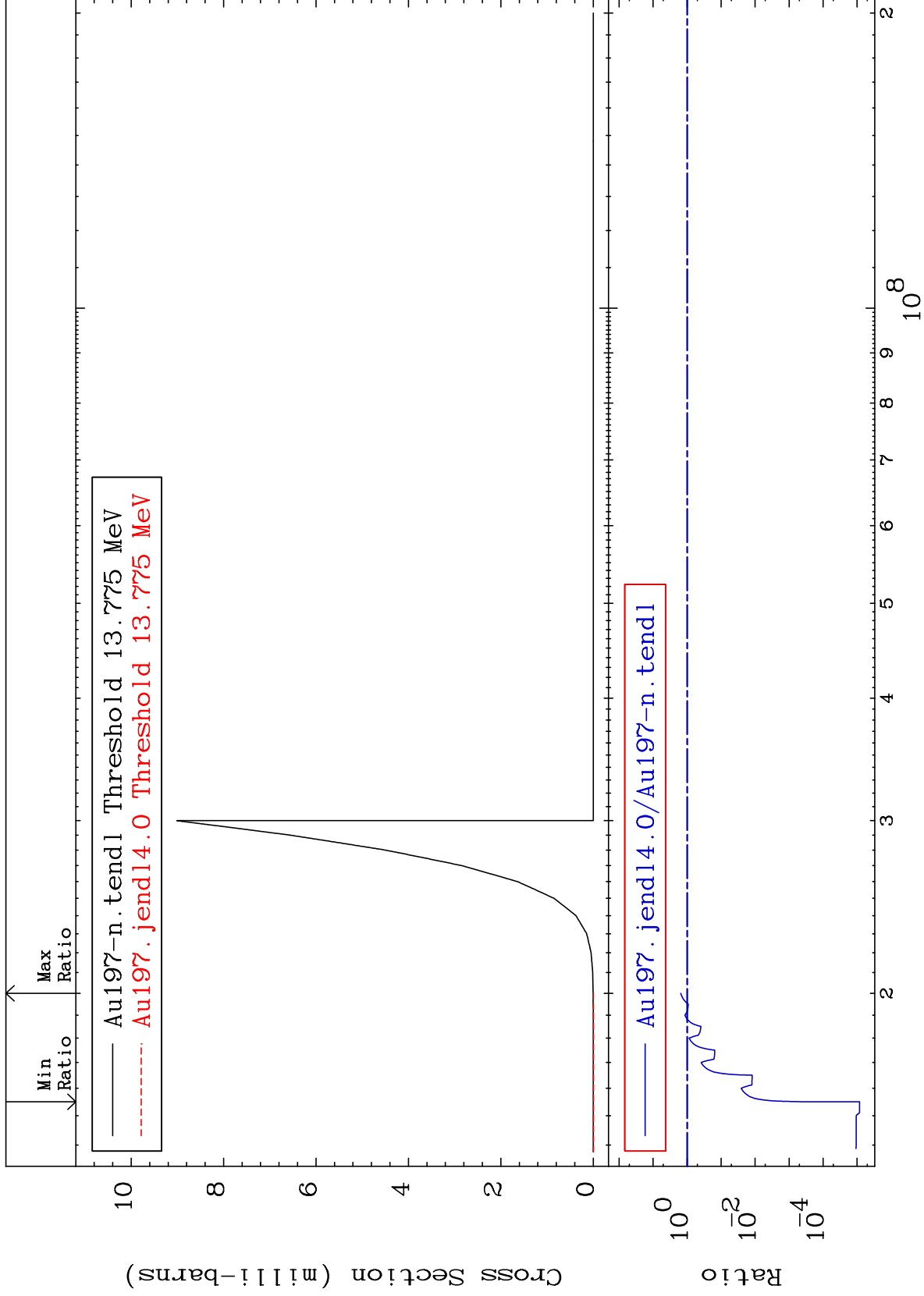
Incident Energy (eV)

79-Au-197

MAT 7925

(n,2n) p
Cross Section

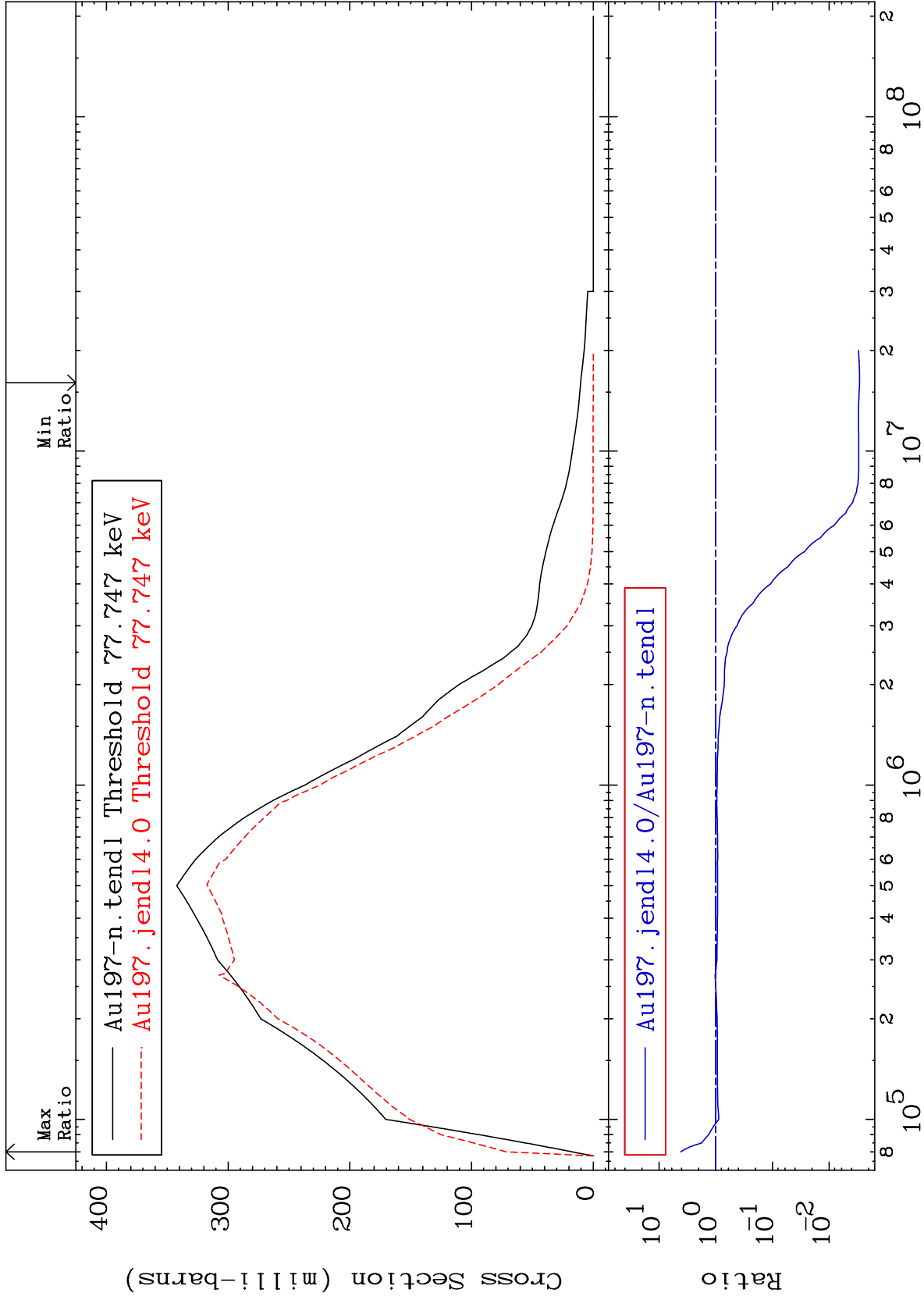
79-Au-197
-100.0 To 53.46 %



MAT 7925

77.35 keV (n,n') Level
Cross Section

⁷⁹Au-197
-99.71 To 314.7 %



12

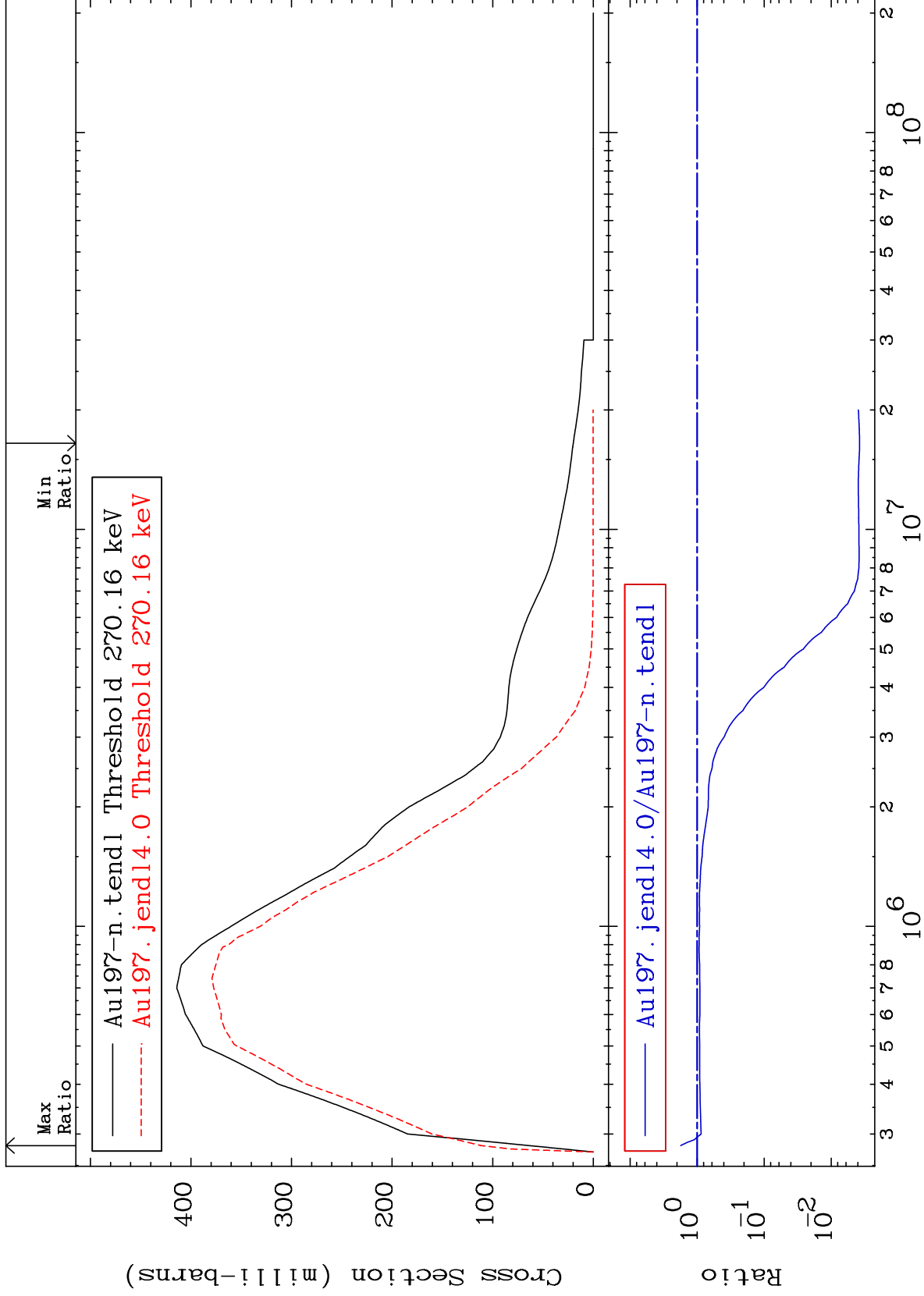
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

268.8 keV (n,n') Level
Cross Section

79-Au-197
-99.62 To 75.40 %



13

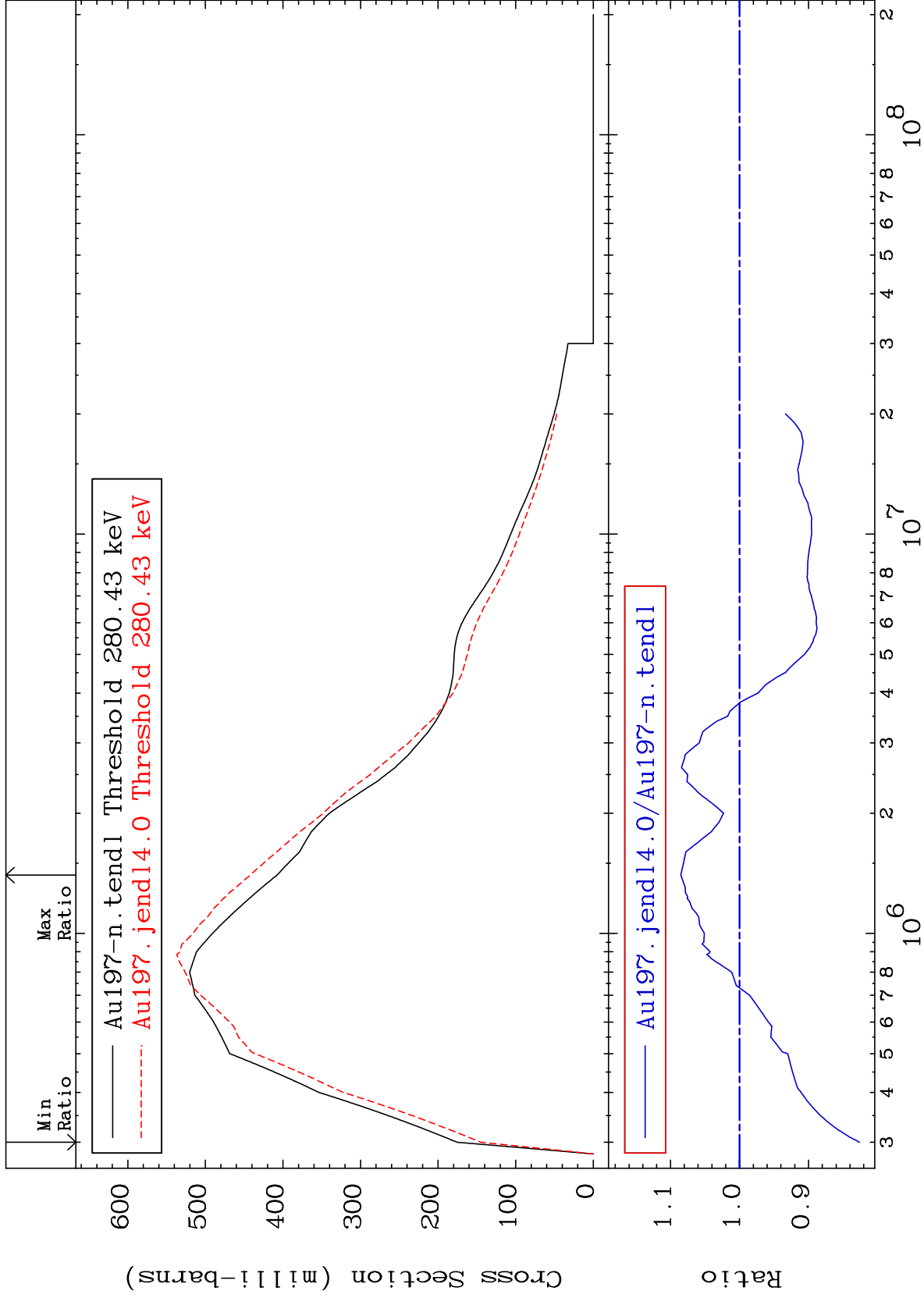
Incident Energy (eV)

79-Au-197

MAT 7925

279.0 keV (n,n') Level
Cross Section

79-Au-197
-17.39 To 8.505 %



14

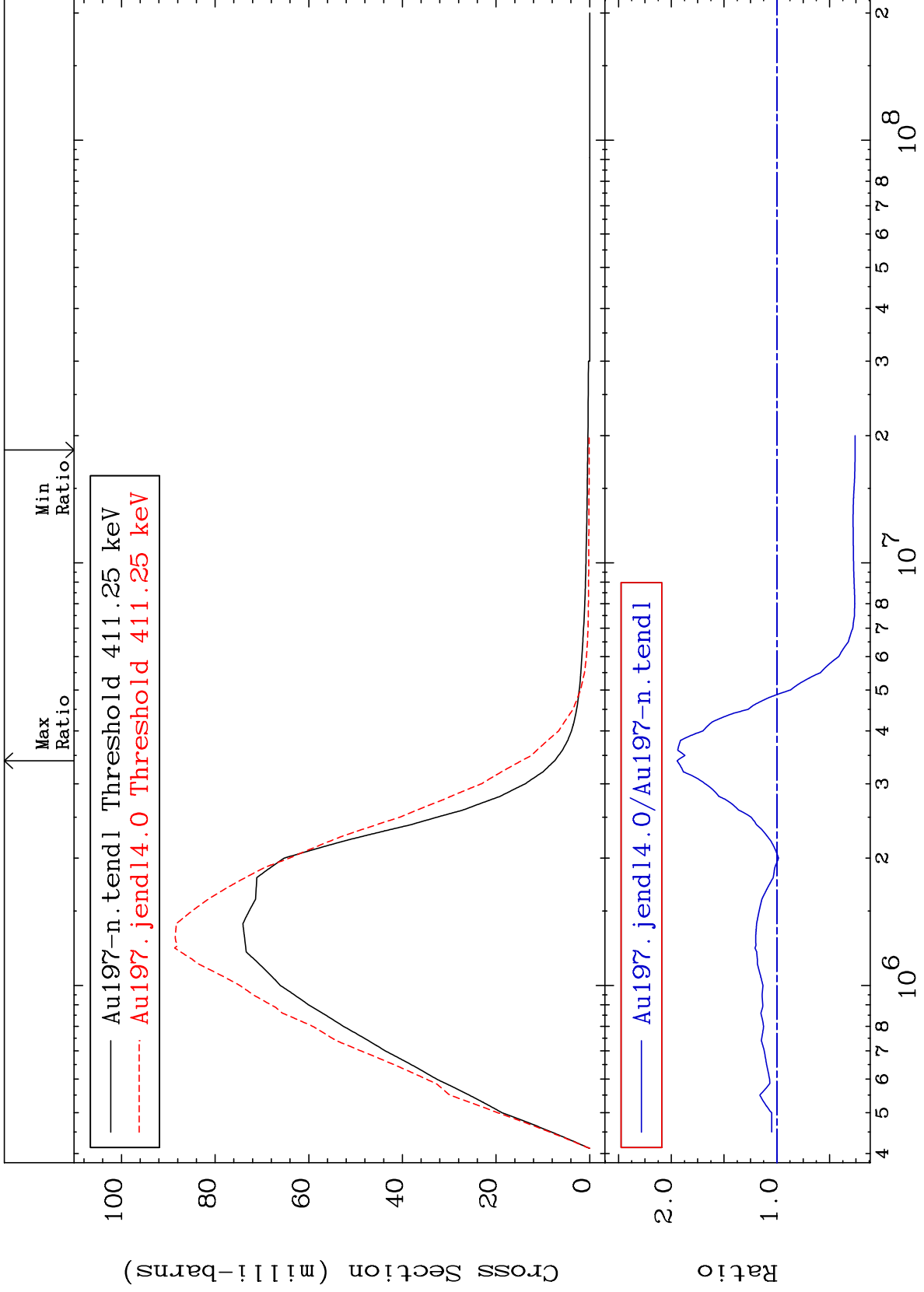
Incident Energy (eV)

79-Au-197

MAT 7925

409.2 keV (n,n') Level
Cross Section

79-Au-197
-74.19 To 94.67 %



15

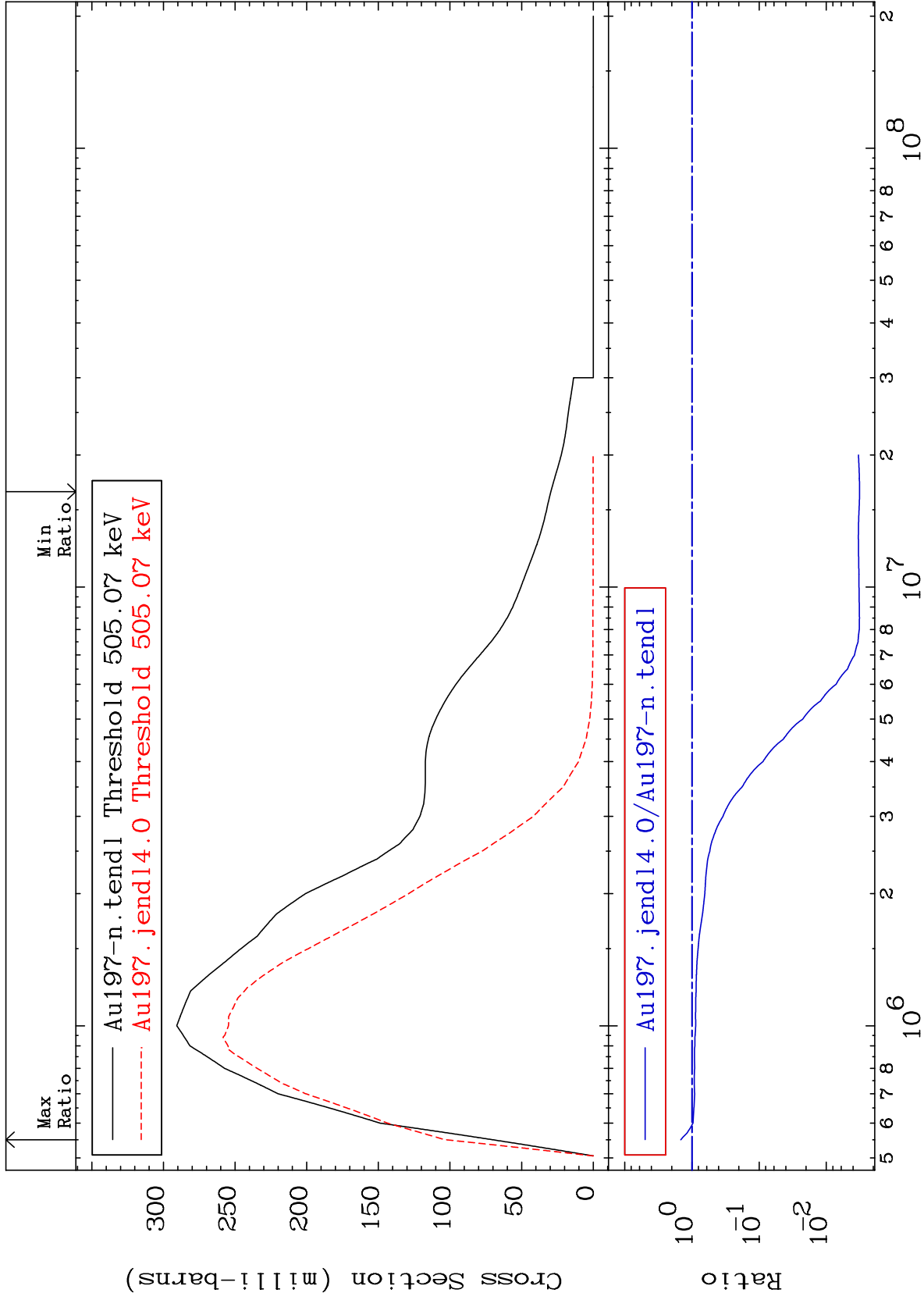
Incident Energy (eV)

79-Au-197

MAT 7925

502.5 keV (n,n') Level
Cross Section

79-Au-197
-99.68 To 46.45 %

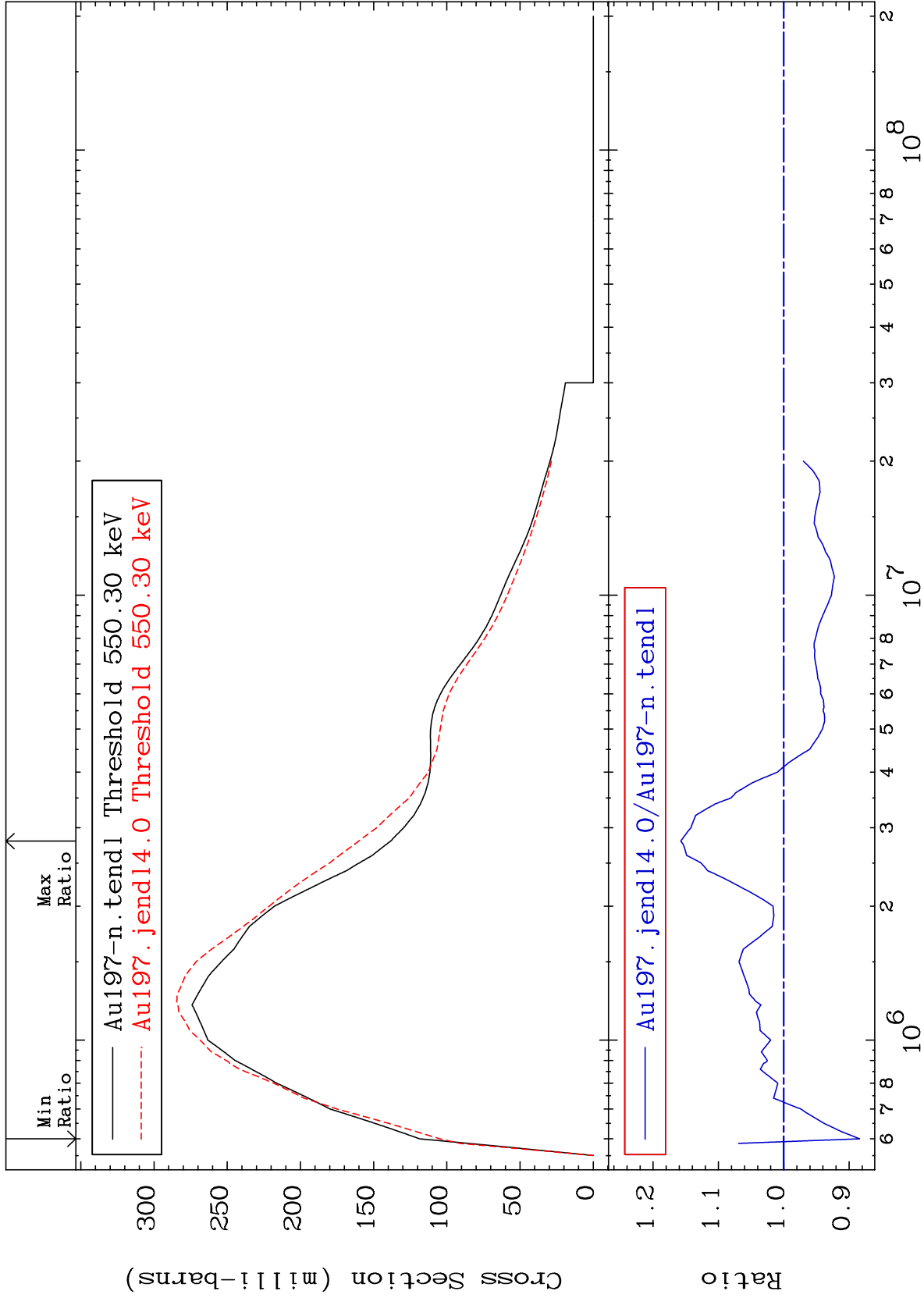


MAT 7925

547.5 keV (n,n') Level

⁷⁹Au-197

-11.60 To 15.77 %



17

Incident Energy (eV)

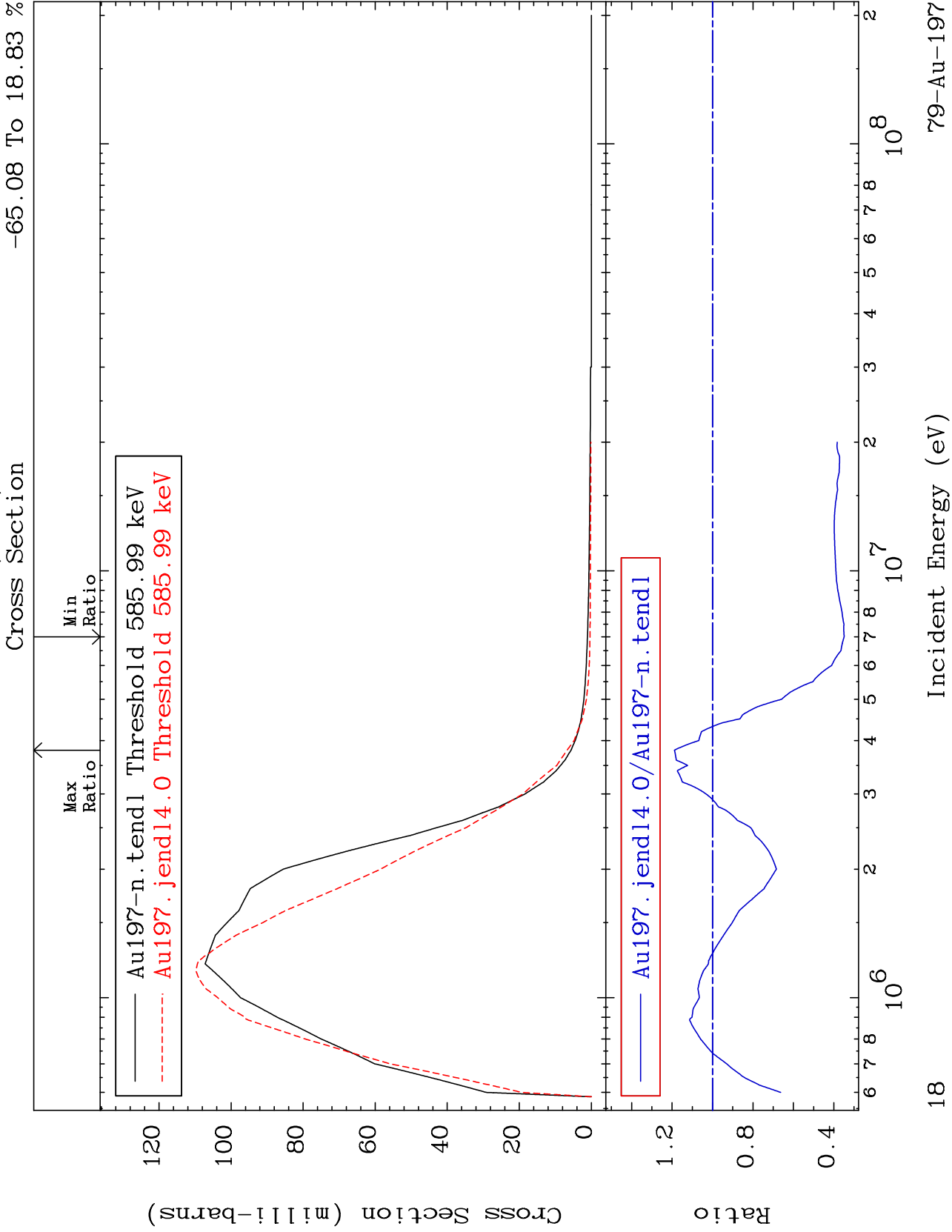
⁷⁹Au-197

MAT 7925

583.0 keV (n,n') Level

⁷⁹Au-197

-65.08 To 18.83 %



18

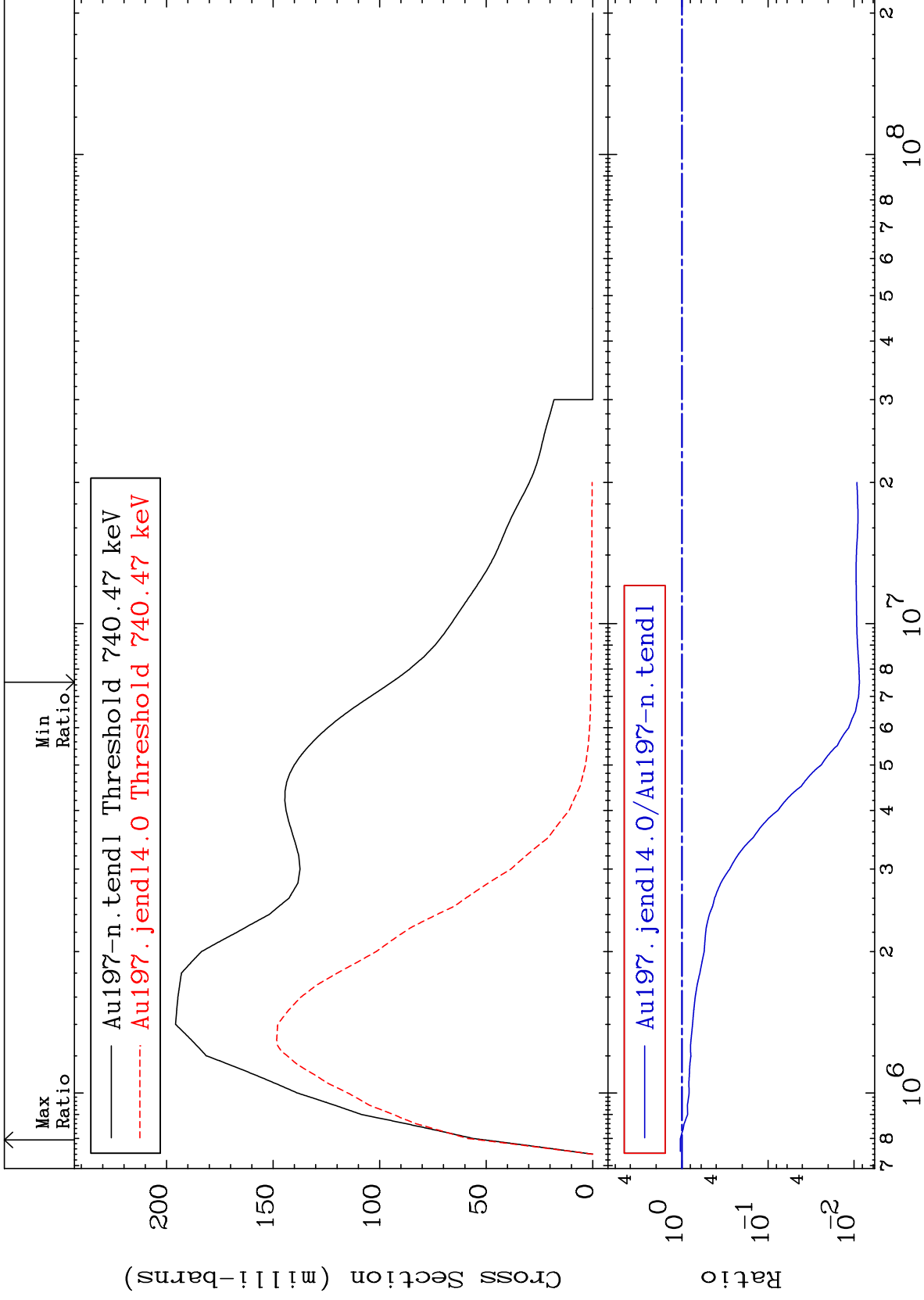
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

736.7 keV (n,n') Level
Cross Section

79-Au-197
-99.13 To 4.677 %



19

Incident Energy (eV)

79-Au-197

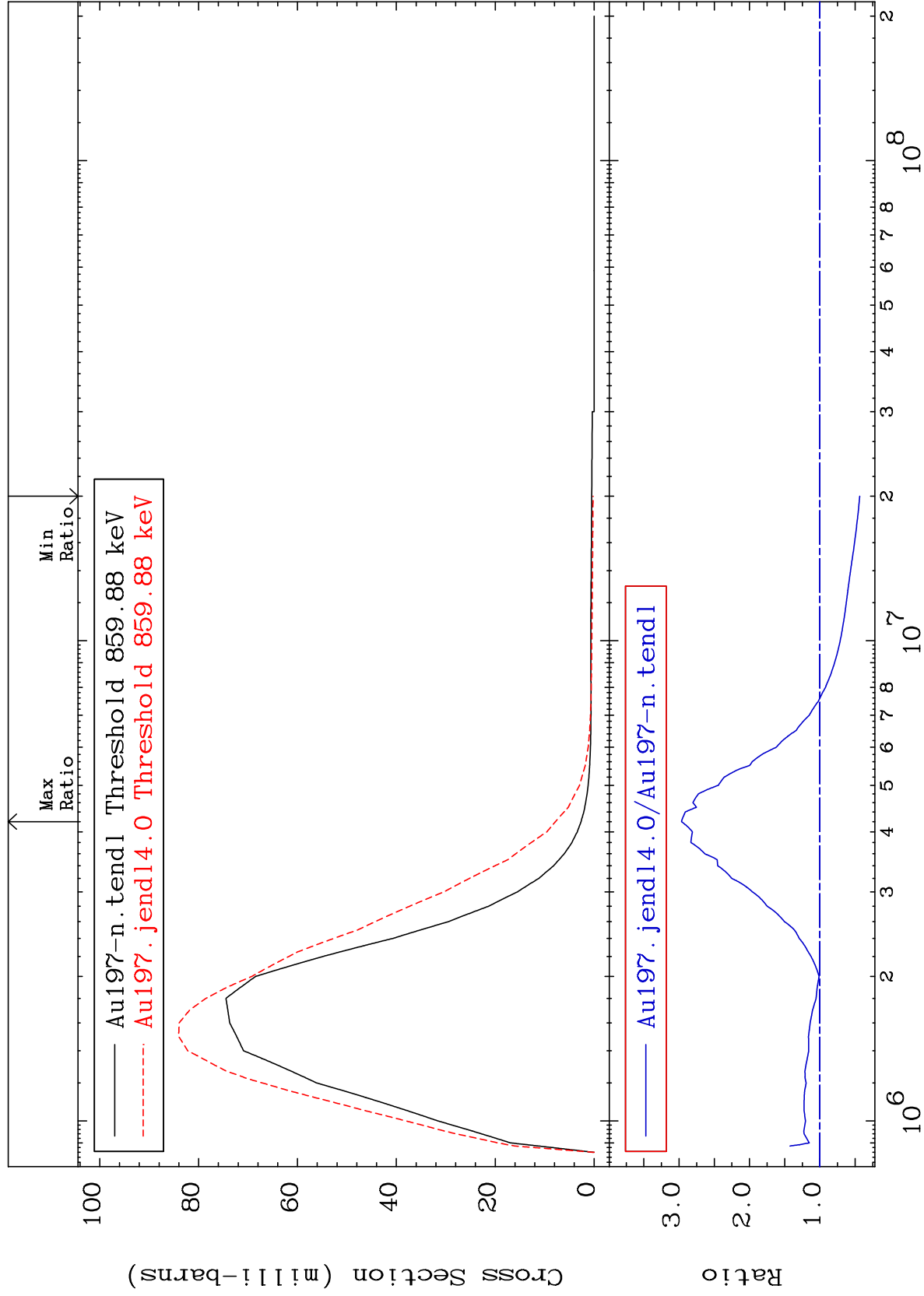
MAT 7925

855.5 keV (n,n') Level

⁷⁹Au-197

-56.50 To 196.7 %

Cross Section



20

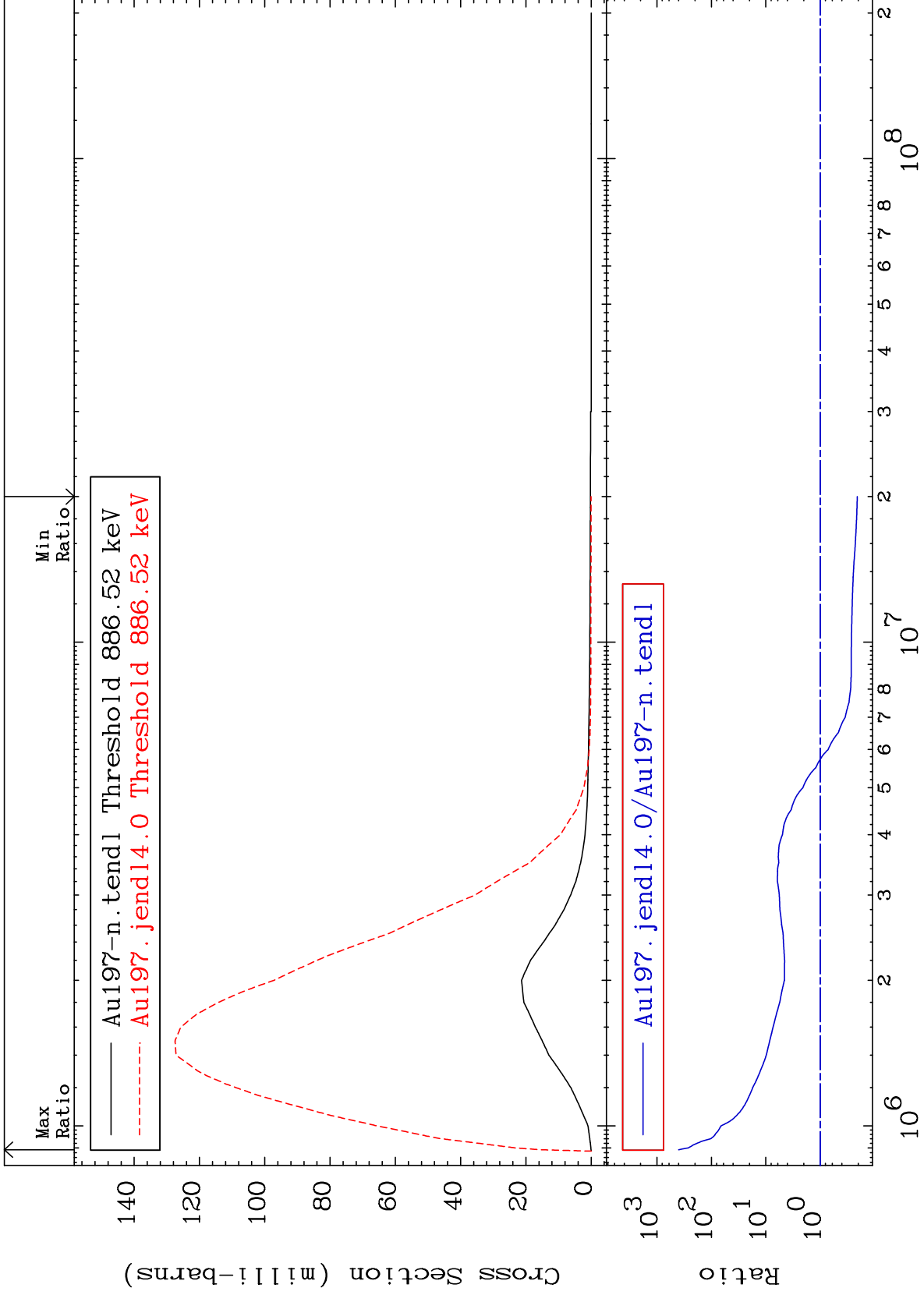
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

882.0 keV (n,n') Level
Cross Section

79-Au-197
-79.13 To 9999. %



21

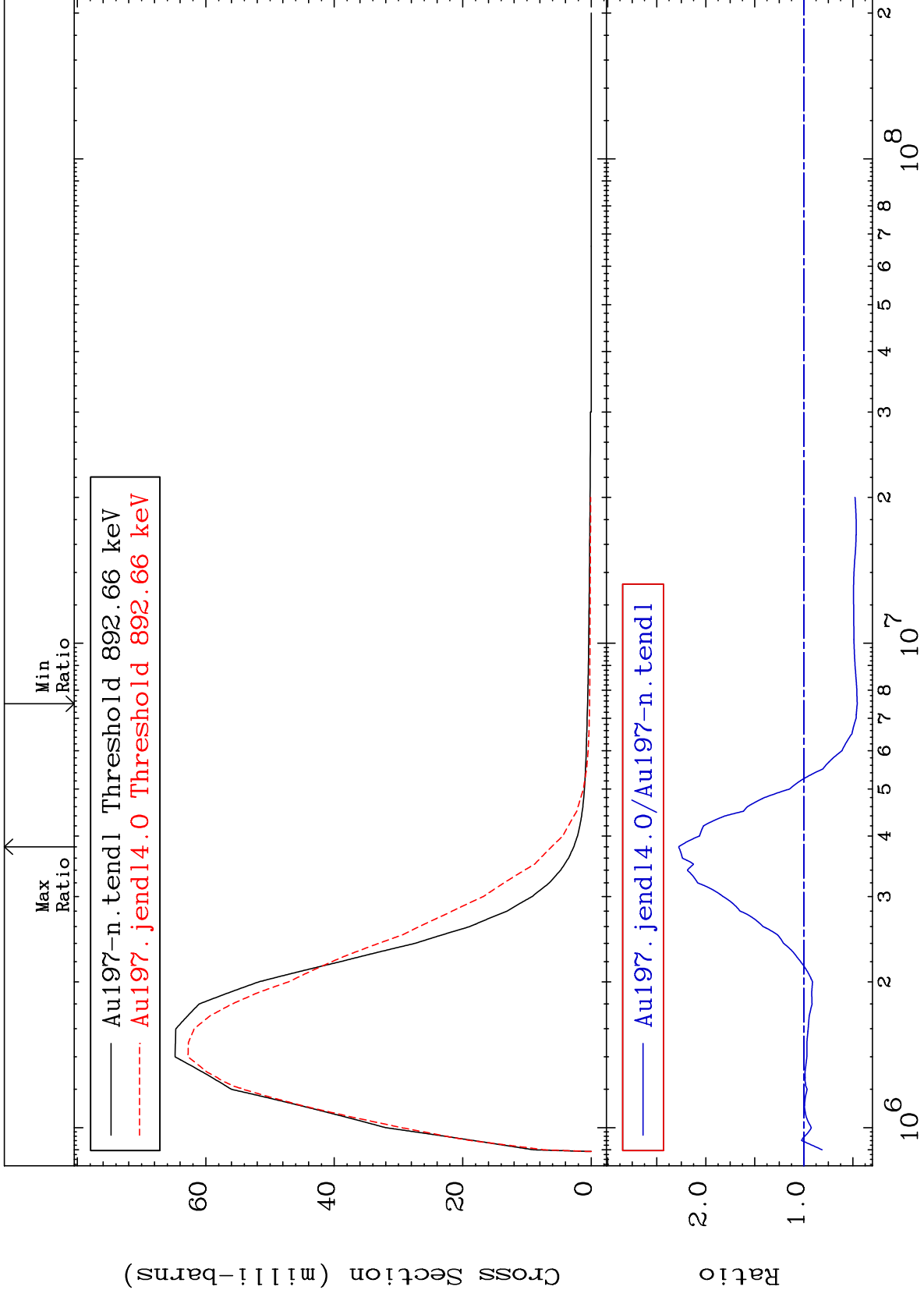
Incident Energy (eV)

79-Au-197

MAT 7925

888.1 keV (n,n') Level
Cross Section

79-Au-197
-54.53 To 127.7 %



22

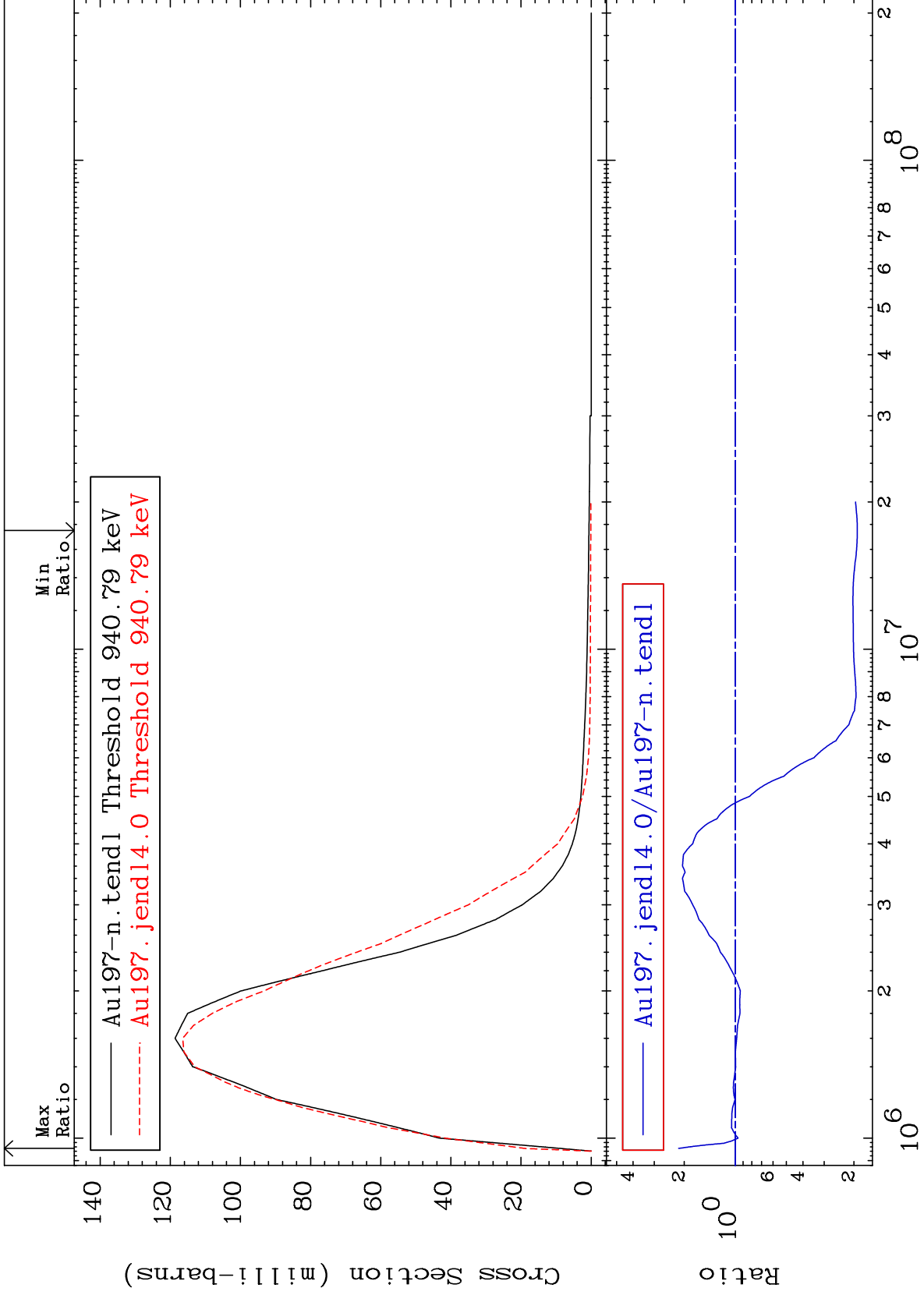
Incident Energy (eV)

79-Au-197

MAT 7925

936.0 keV (n,n') Level
Cross Section

79-Au-197
-80.87 To 115.7 %



23

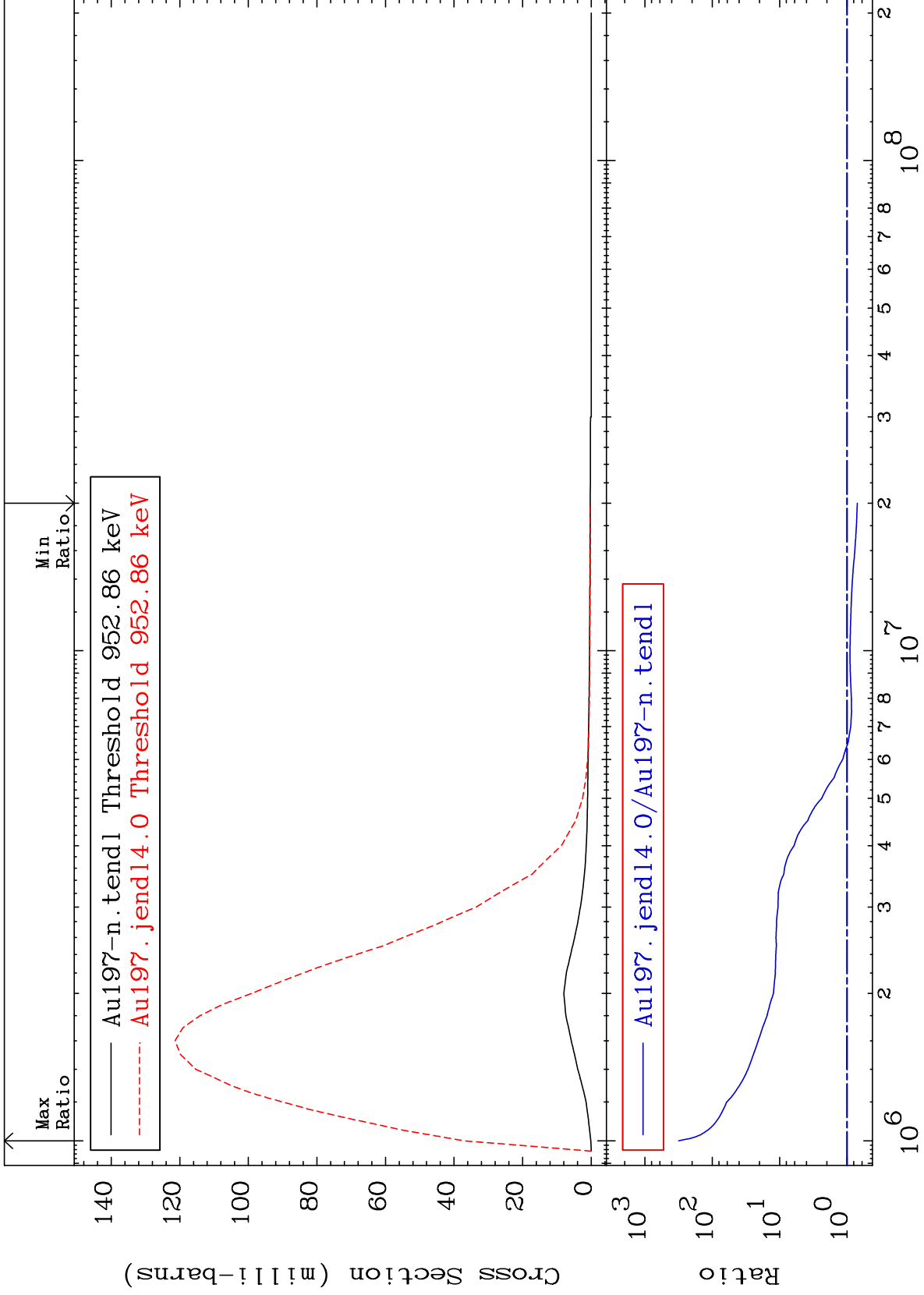
Incident Energy (eV)

79-Au-197

MAT 7925

948.0 keV (n,n') Level
Cross Section

79-Au-197
-29.35 To 9999. %



24

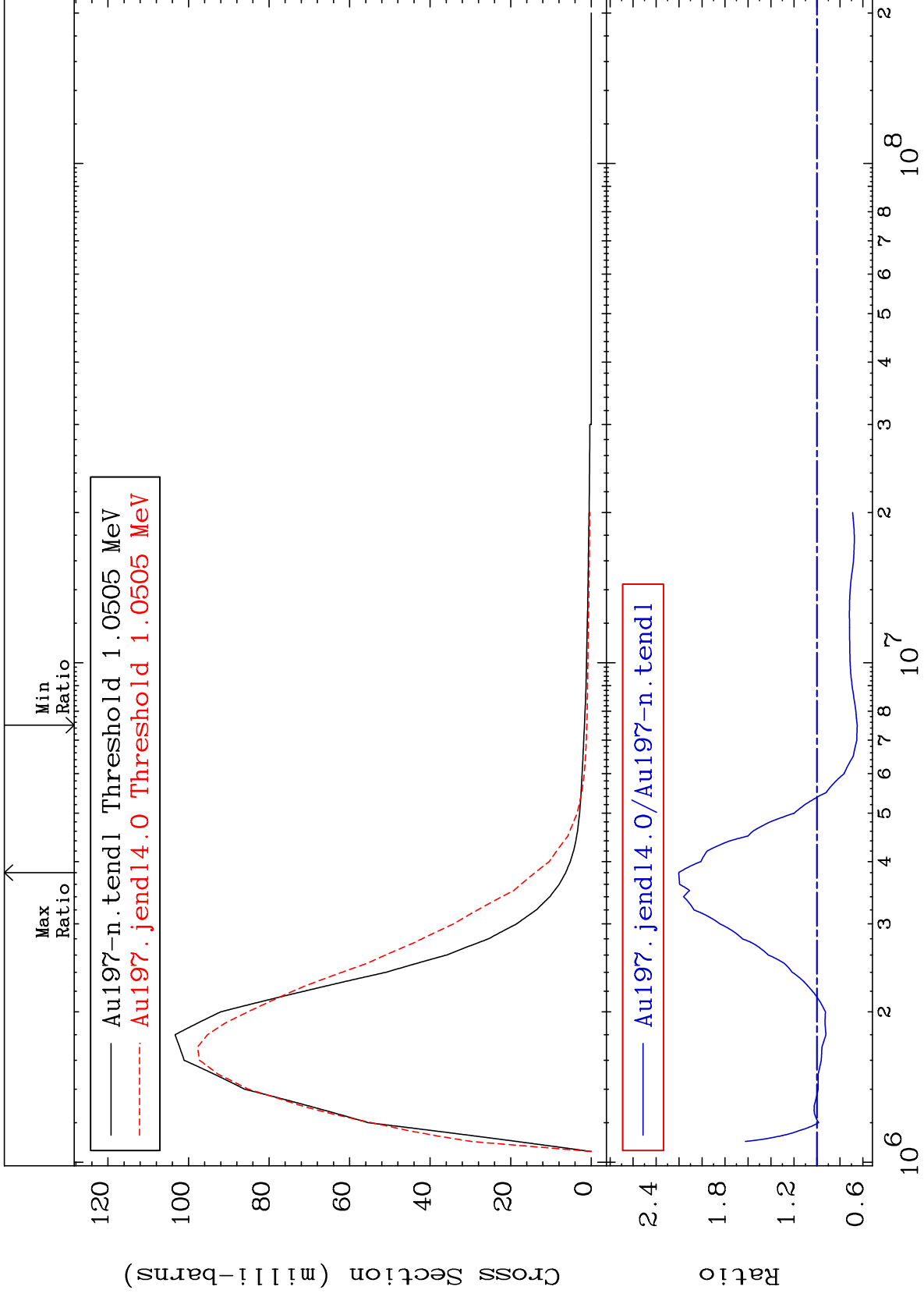
Incident Energy (eV)

79-Au-197

MAT 7925

1.045 MeV (n,n') Level
Cross Section

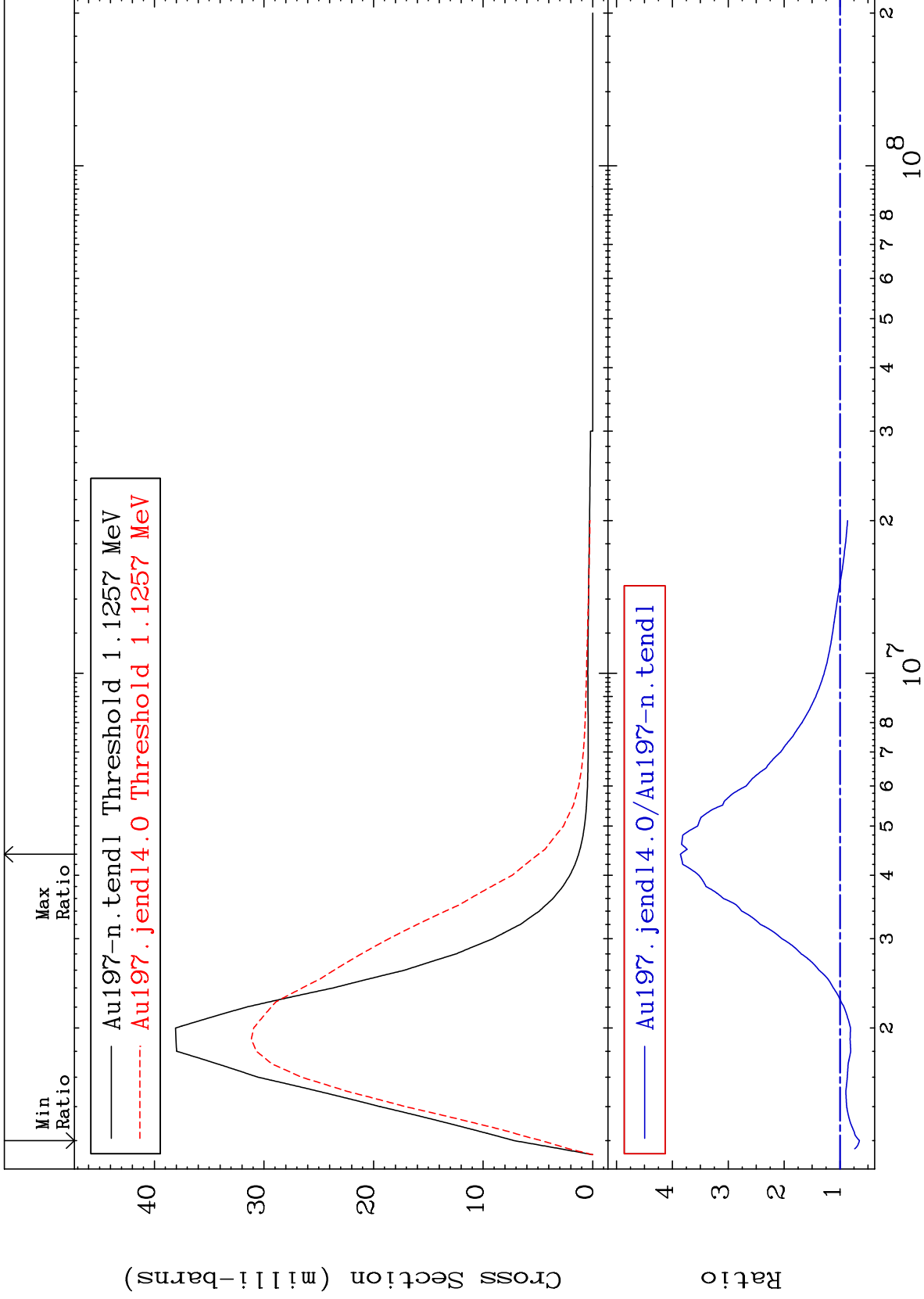
⁷⁹Au-197
-35.09 To 120.4 %

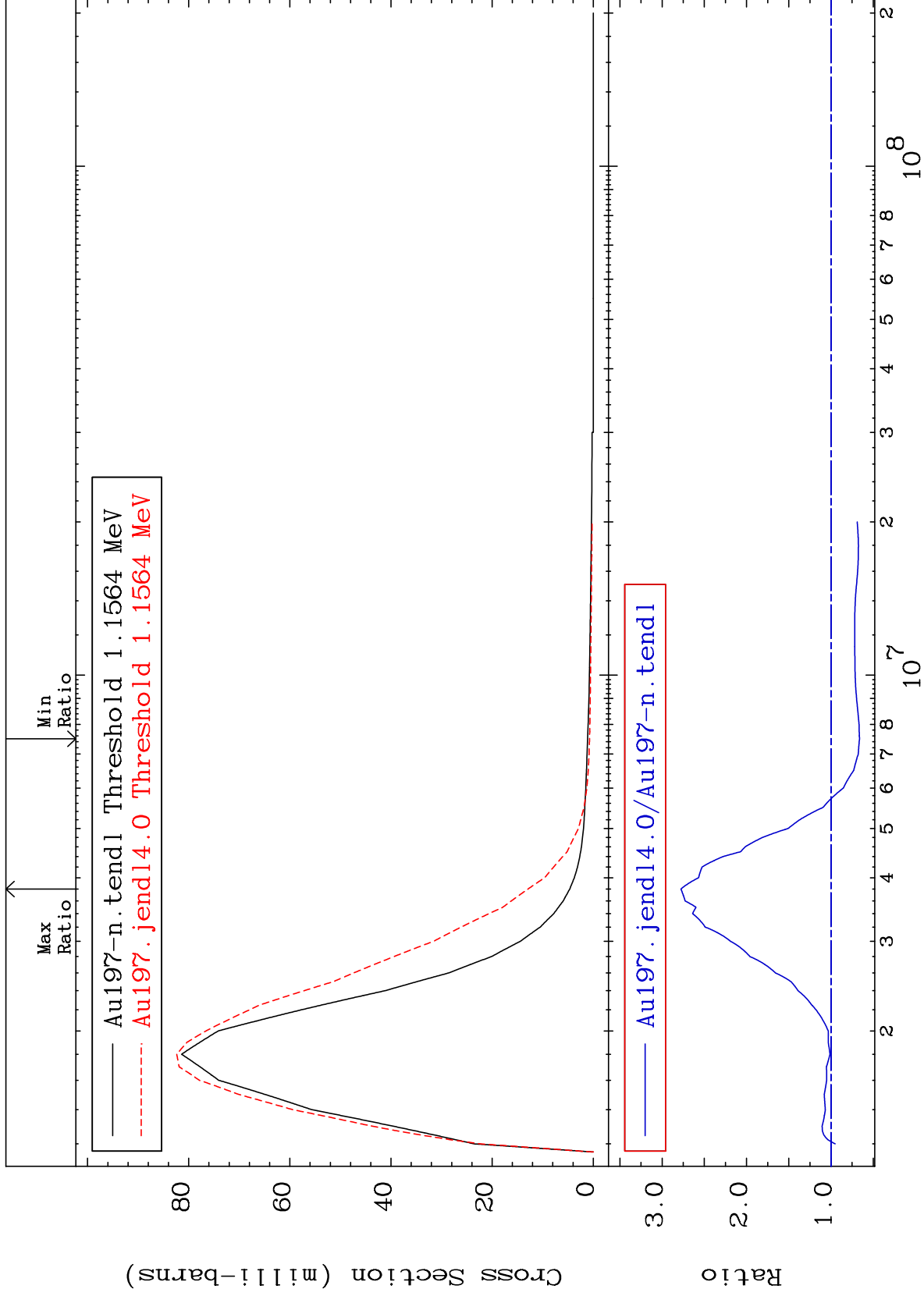


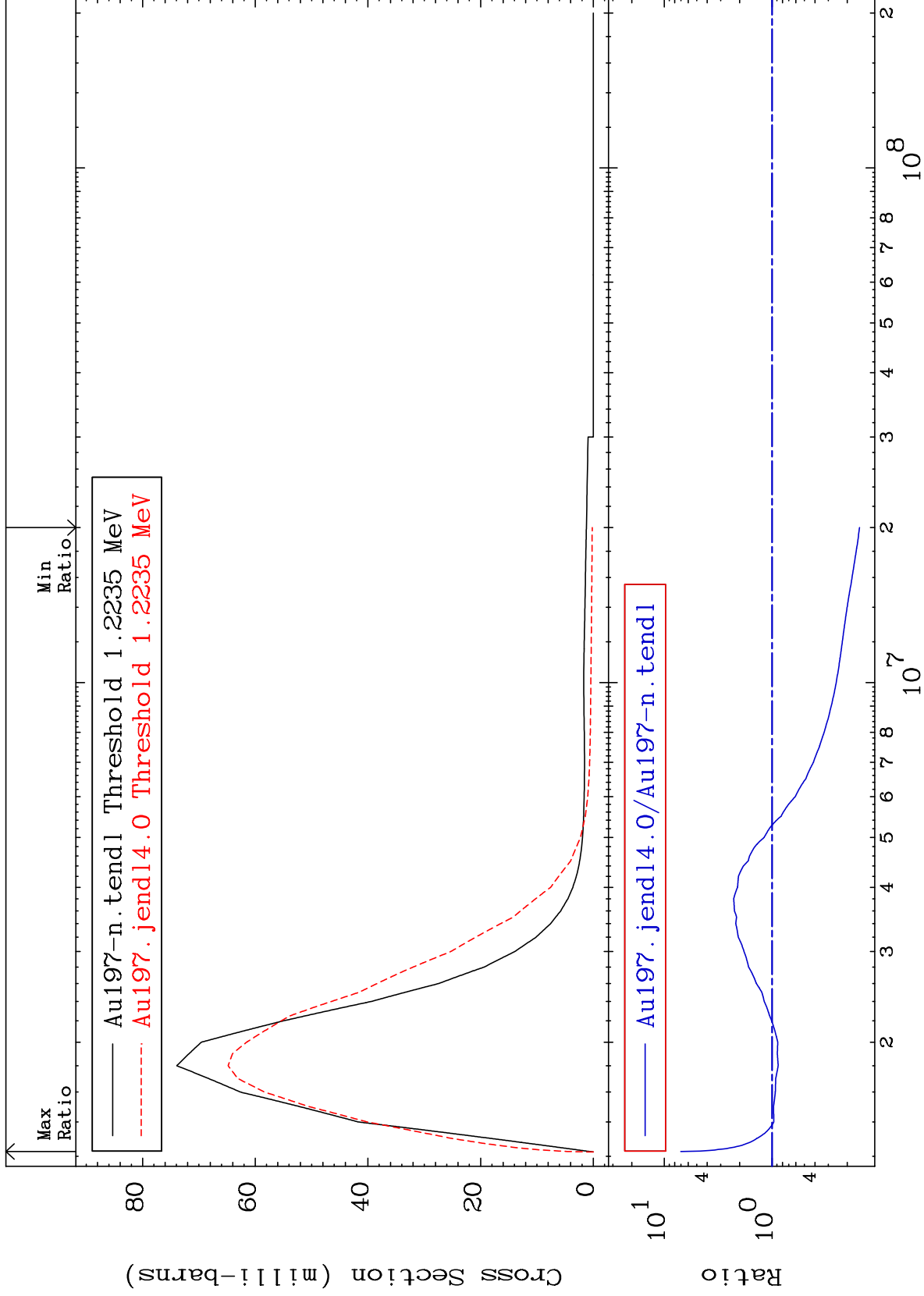
25

Incident Energy (eV)

⁷⁹Au-197



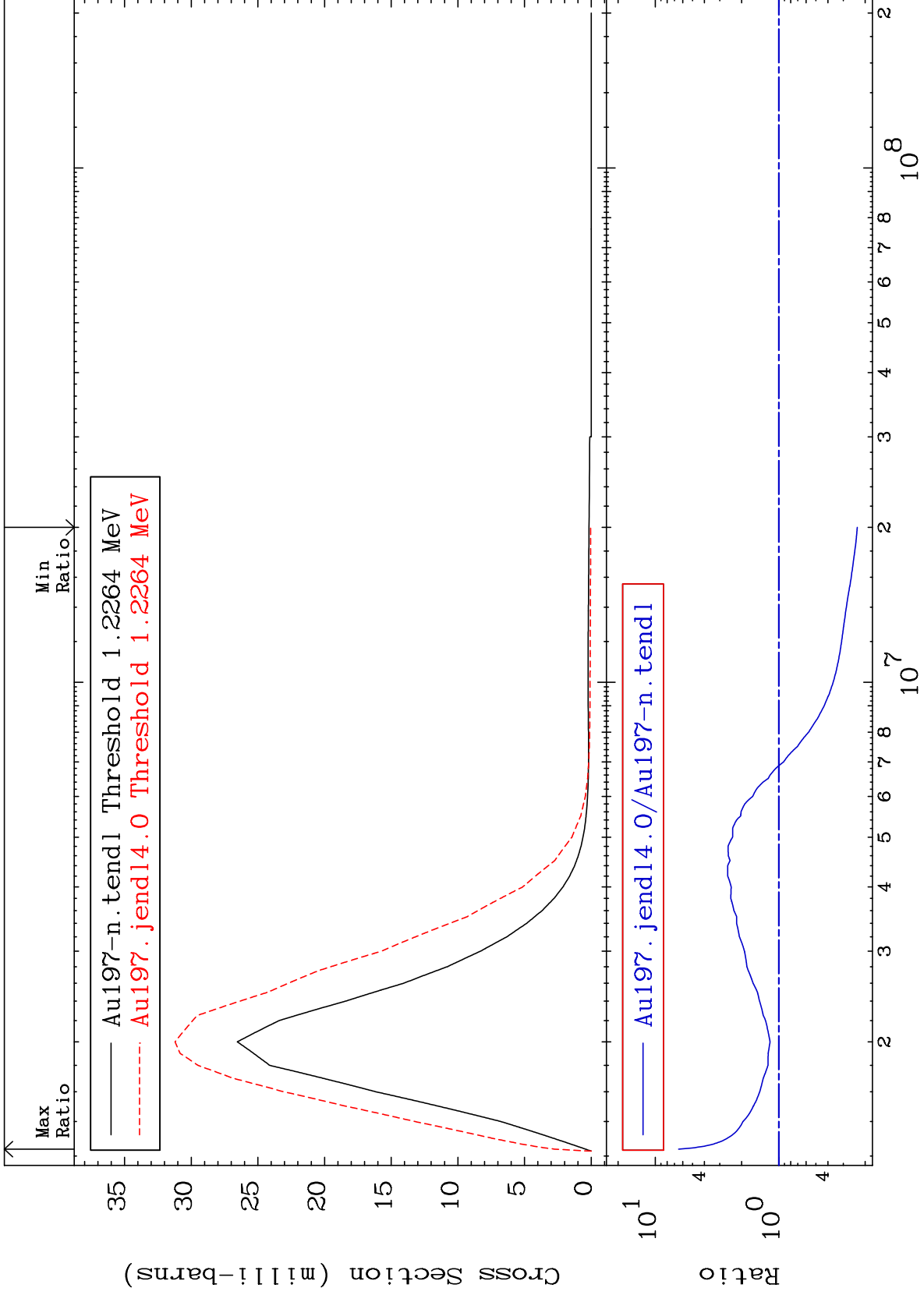




MAT 7925

1.220 MeV (n,n') Level
Cross Section

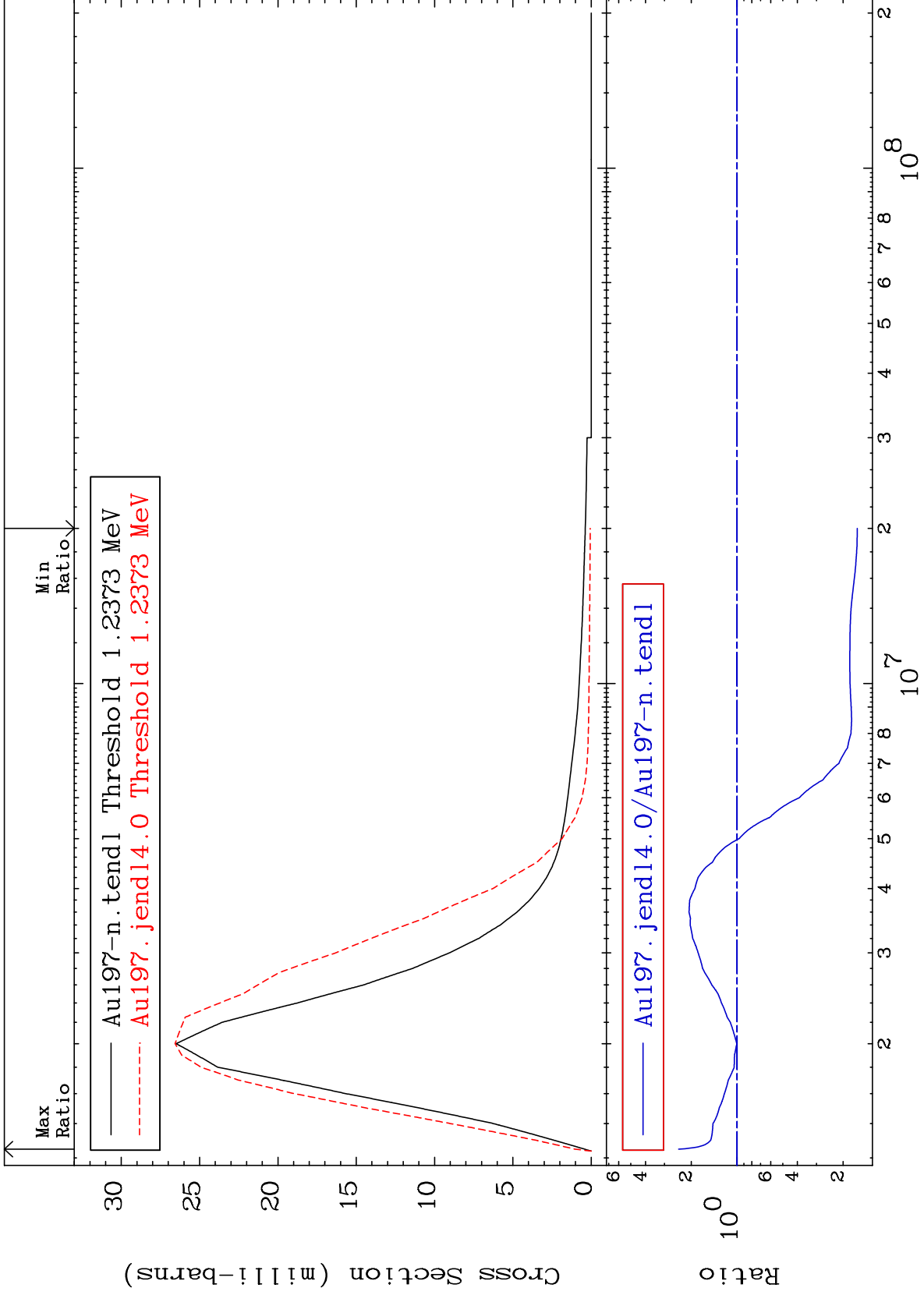
⁷⁹Au-197
-76.87 To 546.6 %



MAT 7925

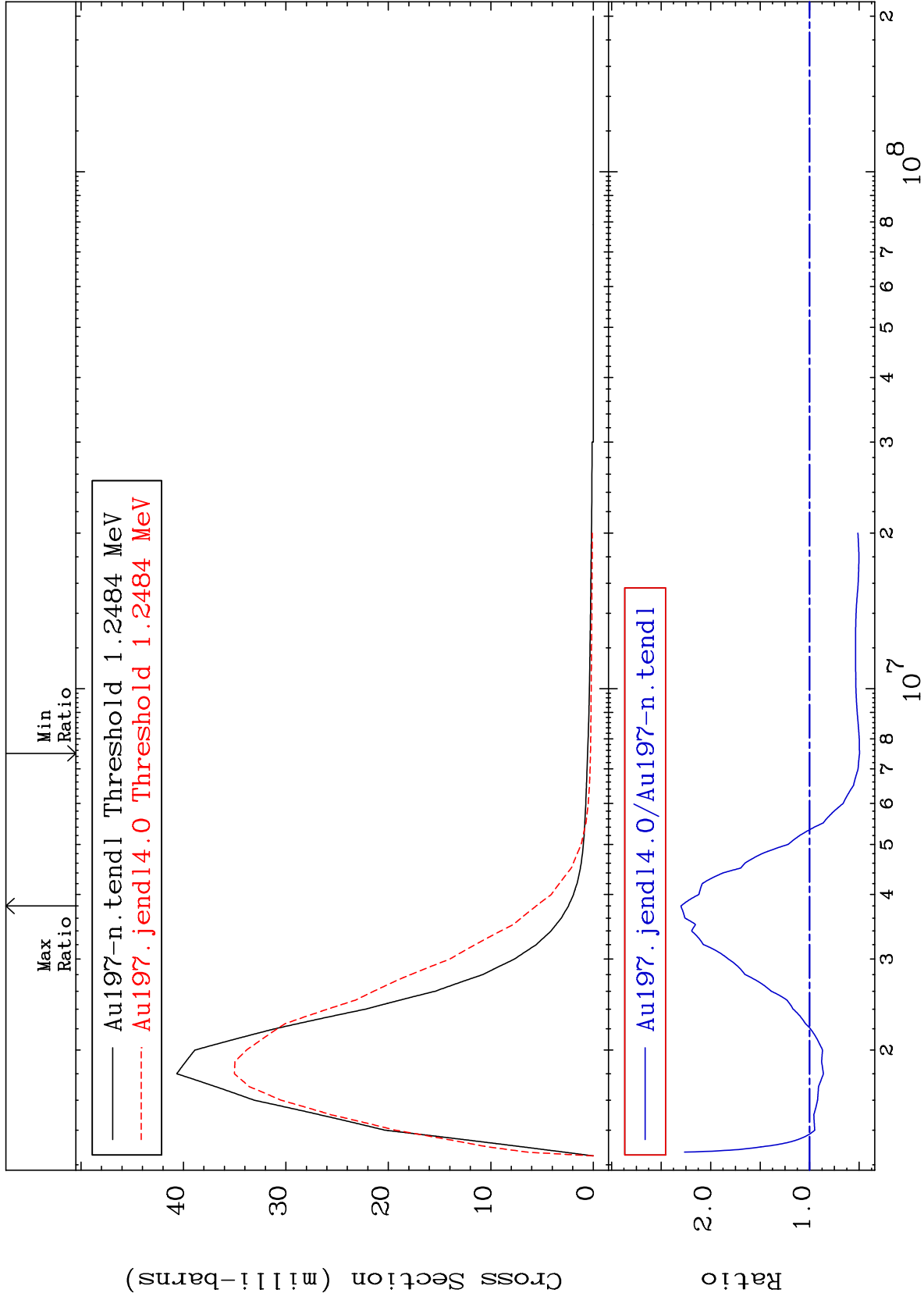
1.231 MeV (n,n') Level
Cross Section

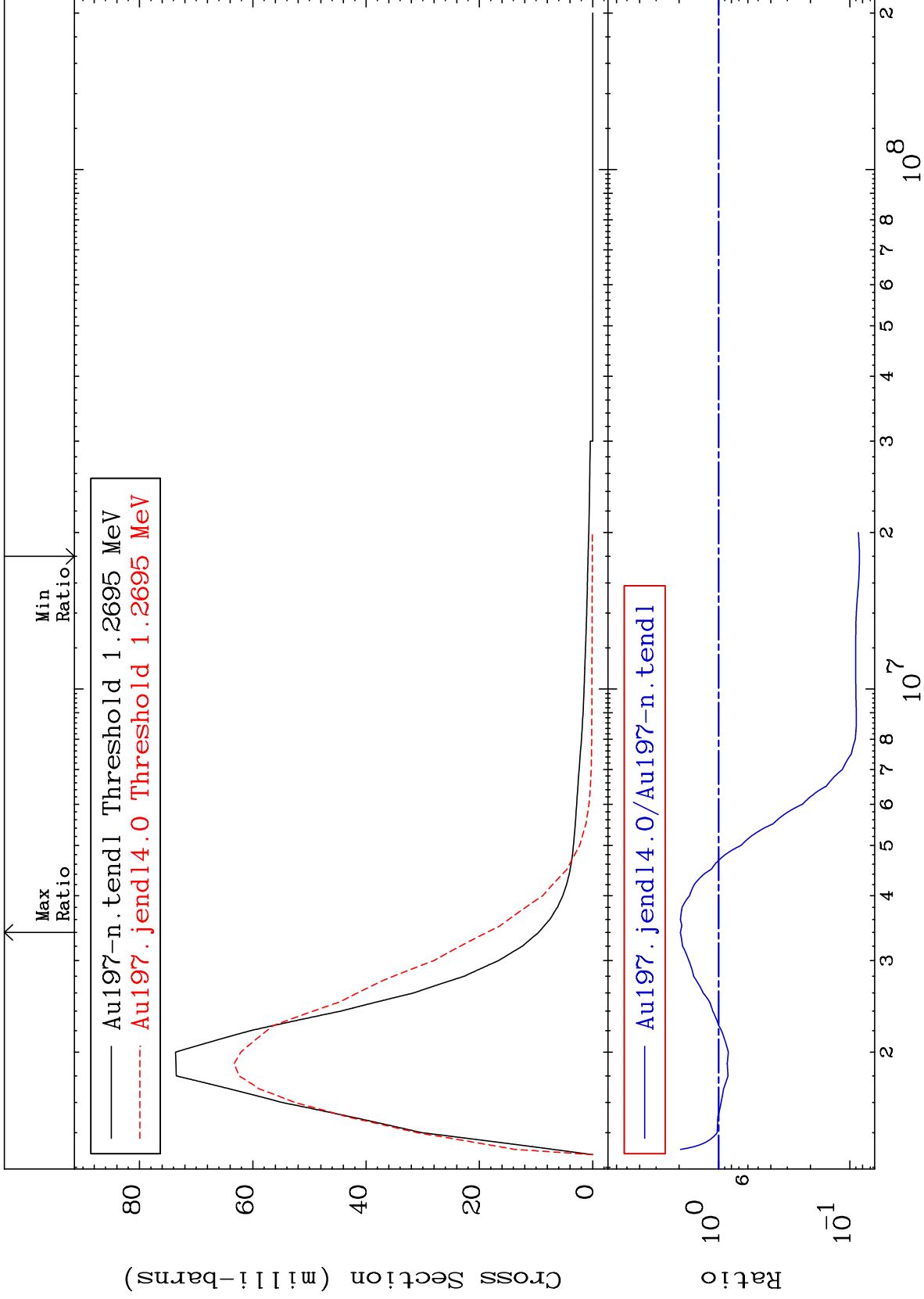
79-Au-197
-83.85 To 142.2 %



Cross Section

-50.36 To 130.2 %

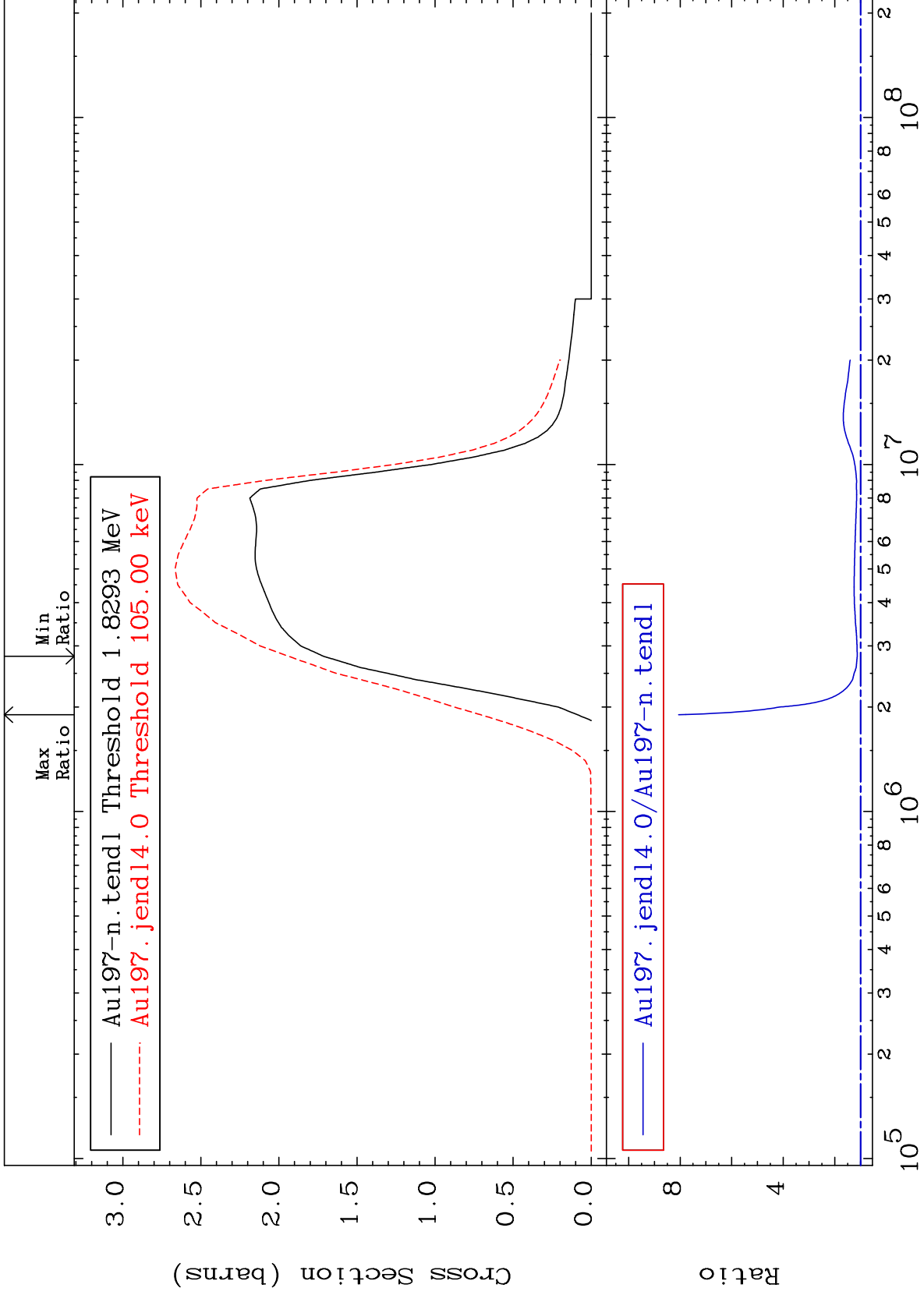




MAT 7925

(n, n') Continuum
Cross Section

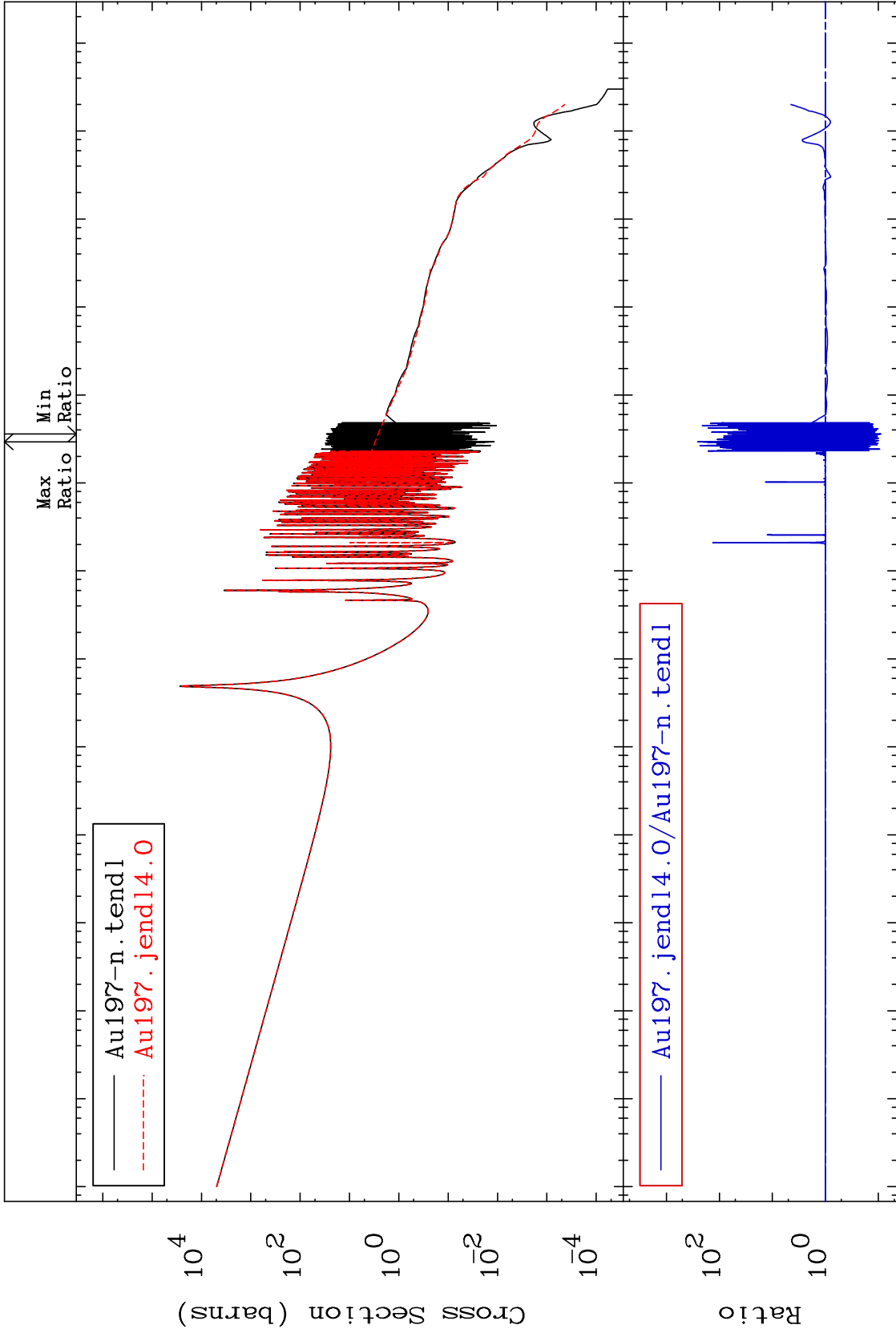
79-Au-197
13.03 To 705.9 %



33

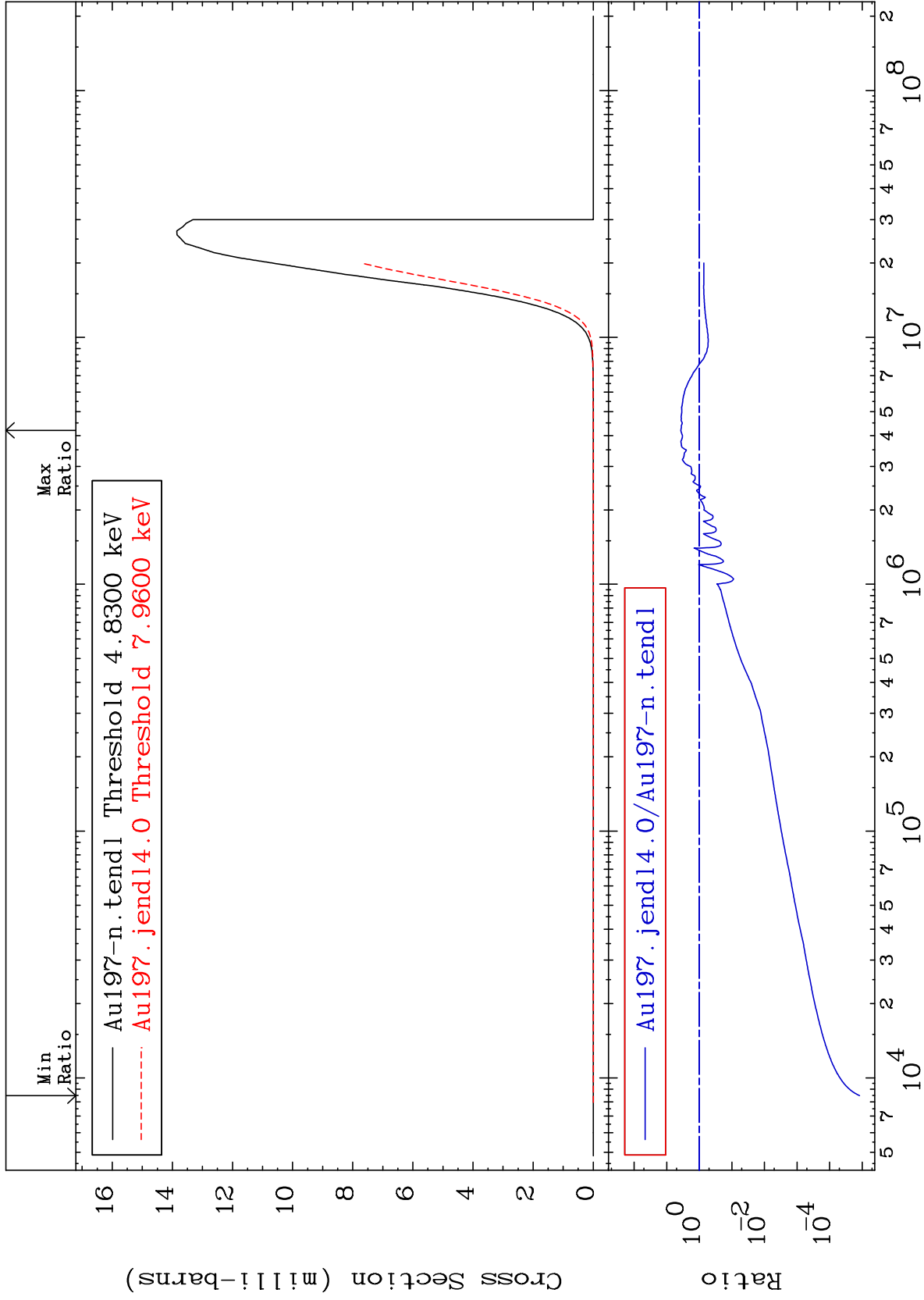
Incident Energy (eV)

79-Au-197



Cross Section

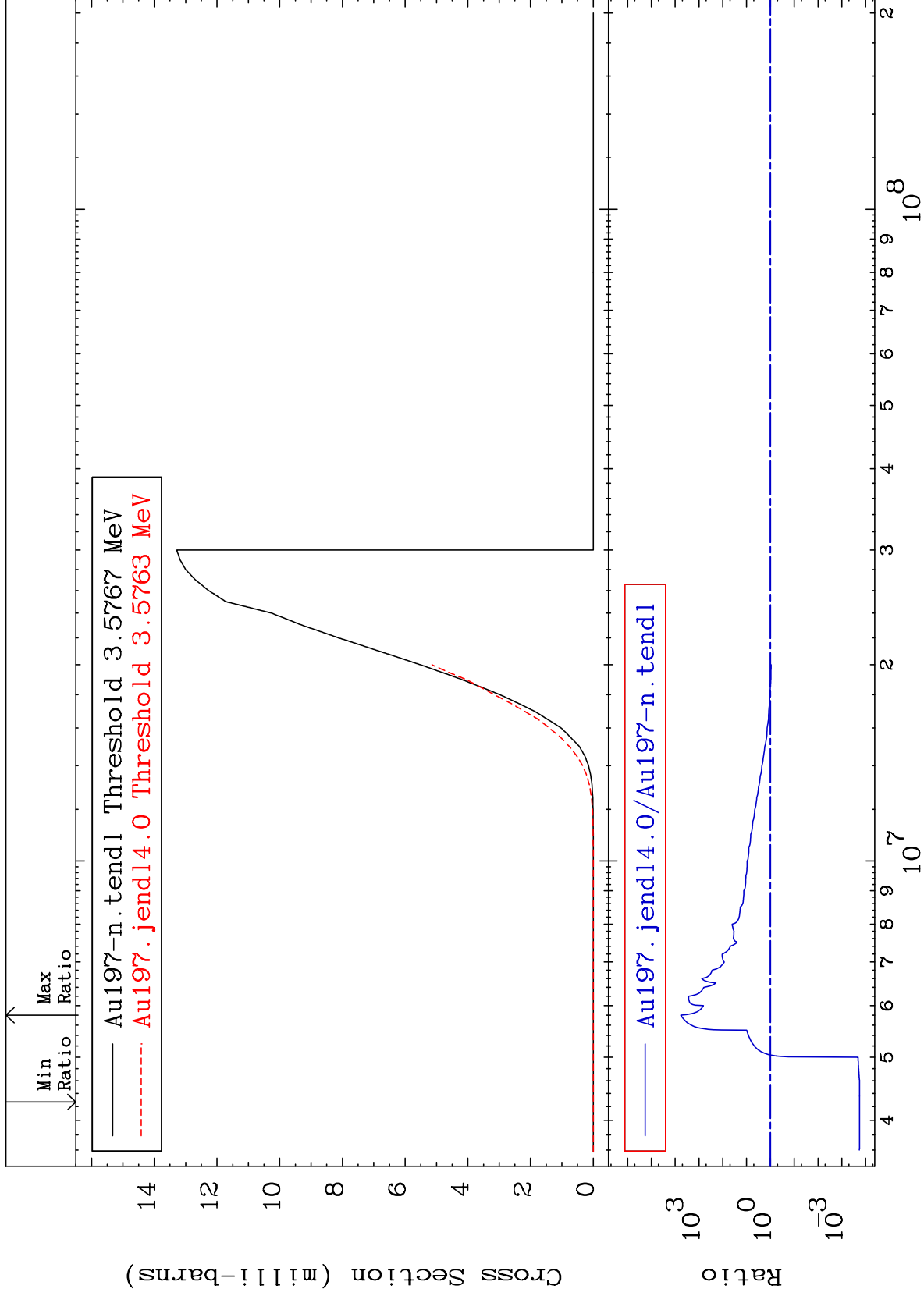
-100.0 To 270.3 %



MAT 7925

(n, d)
Cross Section

79-Au-197
-99.98 To 9999. %



36

Incident Energy (eV)

79-Au-197

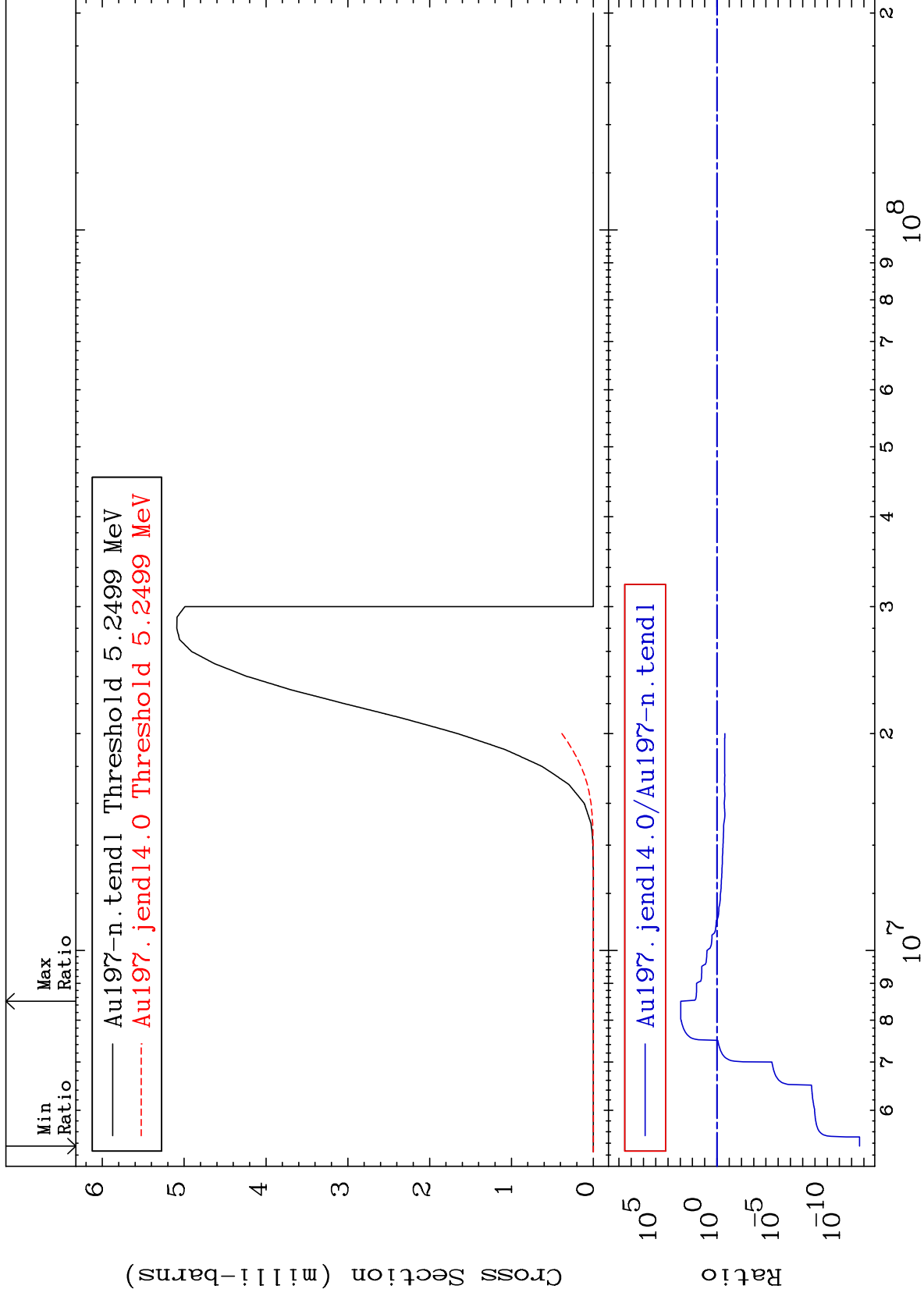
MAT 7925

(n, t)

79-Au-197

Cross Section

-100.0 To 9999. %



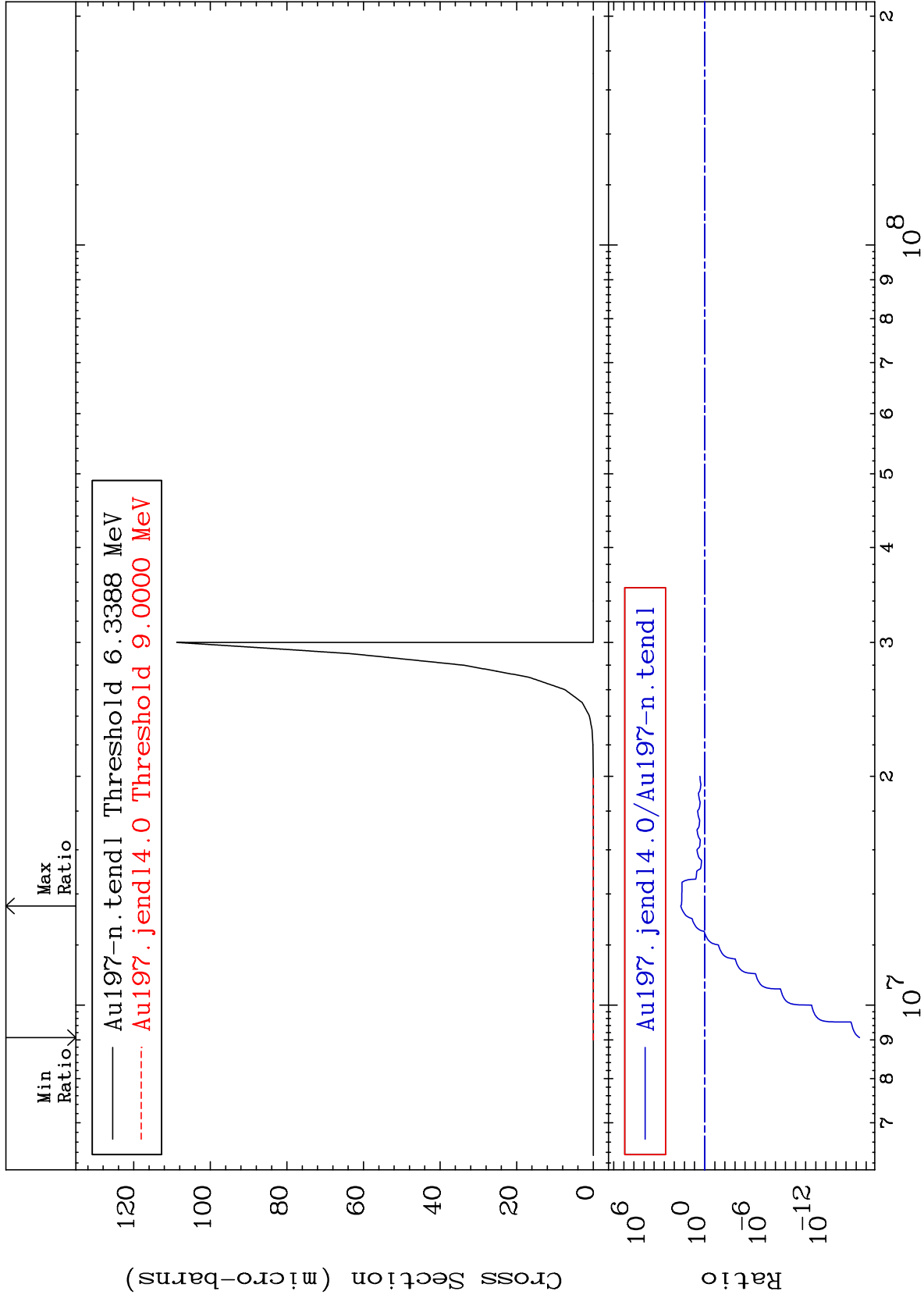
37

Incident Energy (eV)

79-Au-197

Cross Section

-100.0 To 9999. %



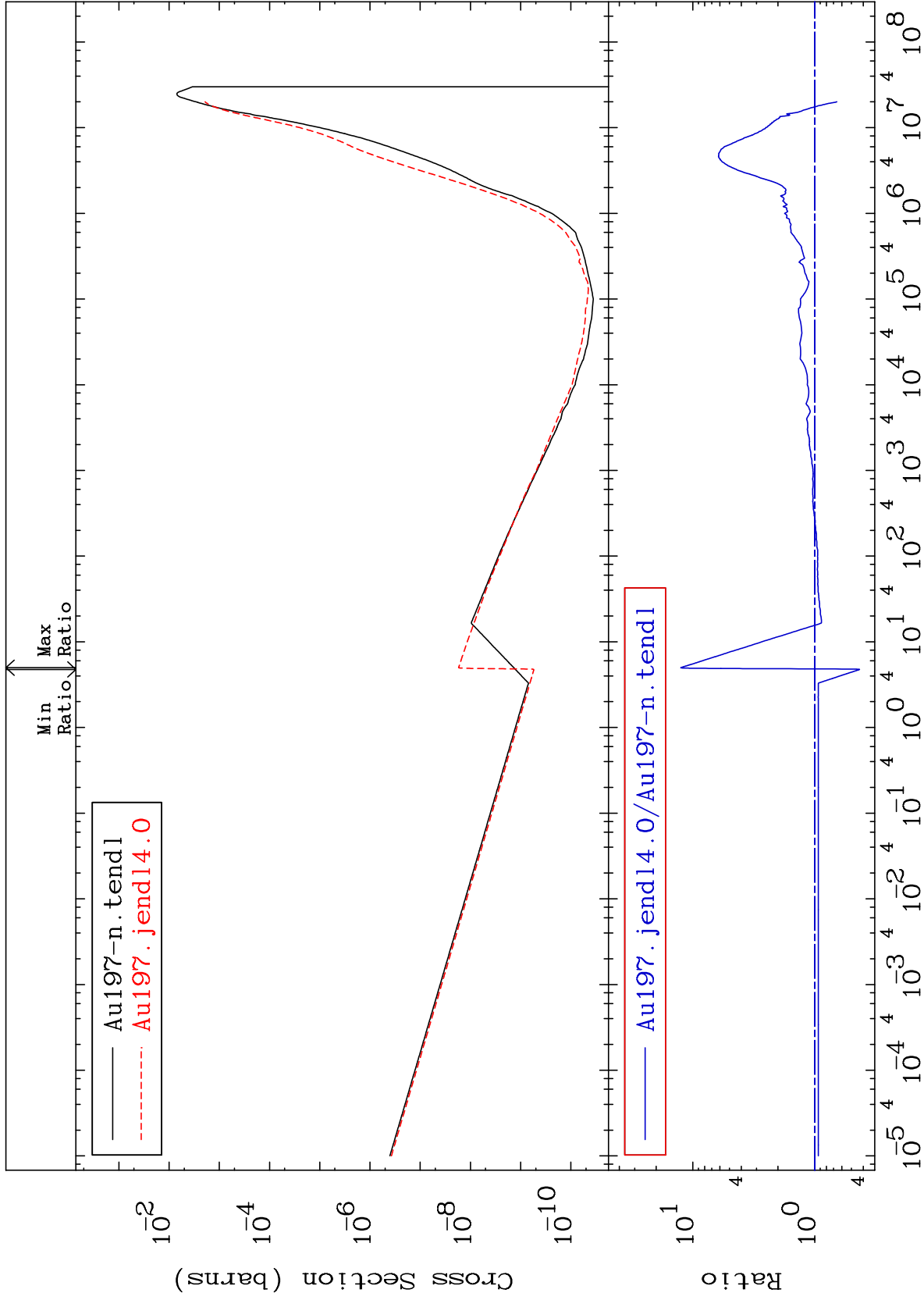
MAT 7925

(n, α)

79-Au-197

Cross Section

-57.12 To 1155. %



39

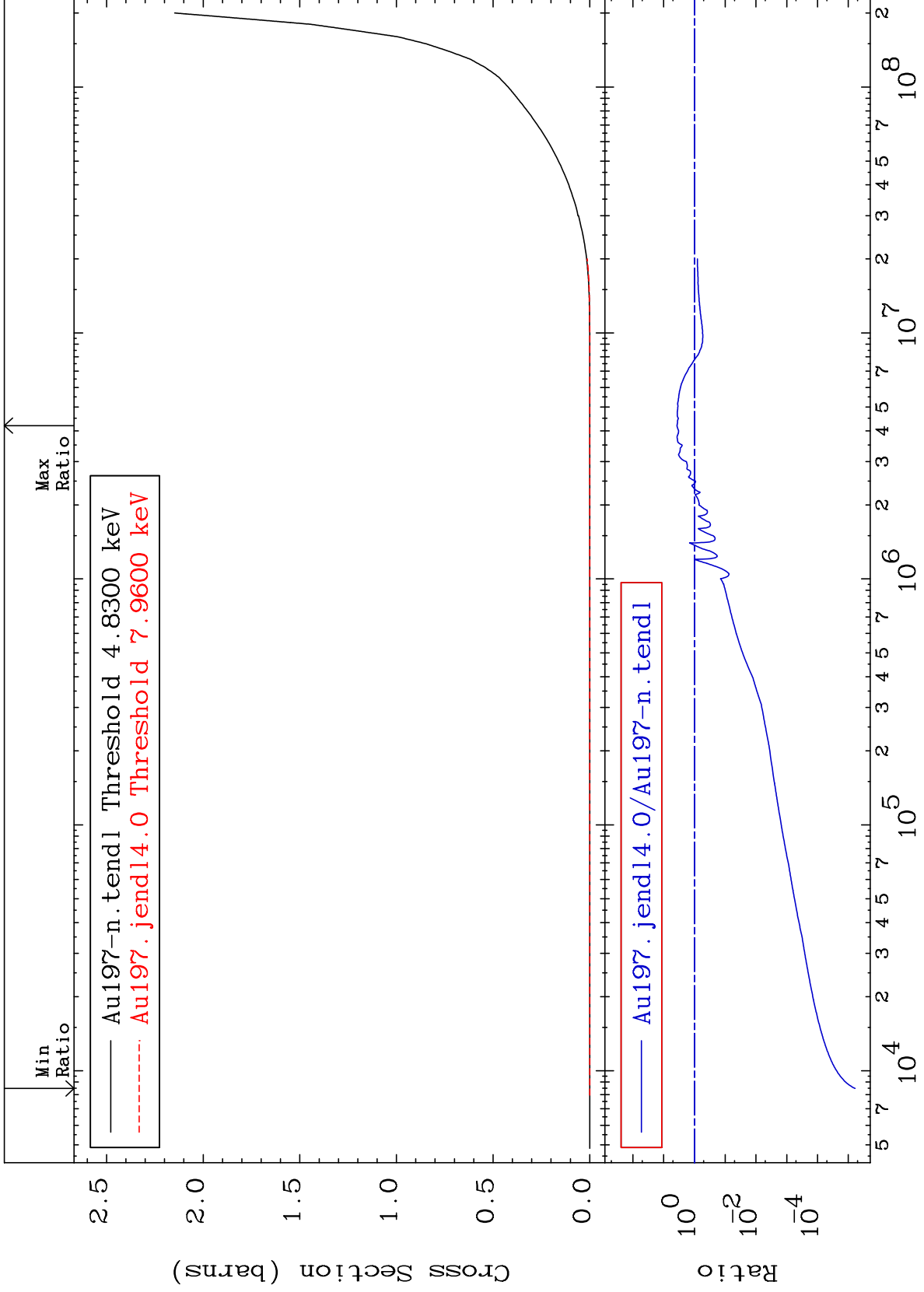
Incident Energy (eV)

79-Au-197

MAT 7925

Hydrogen Production
Cross Section

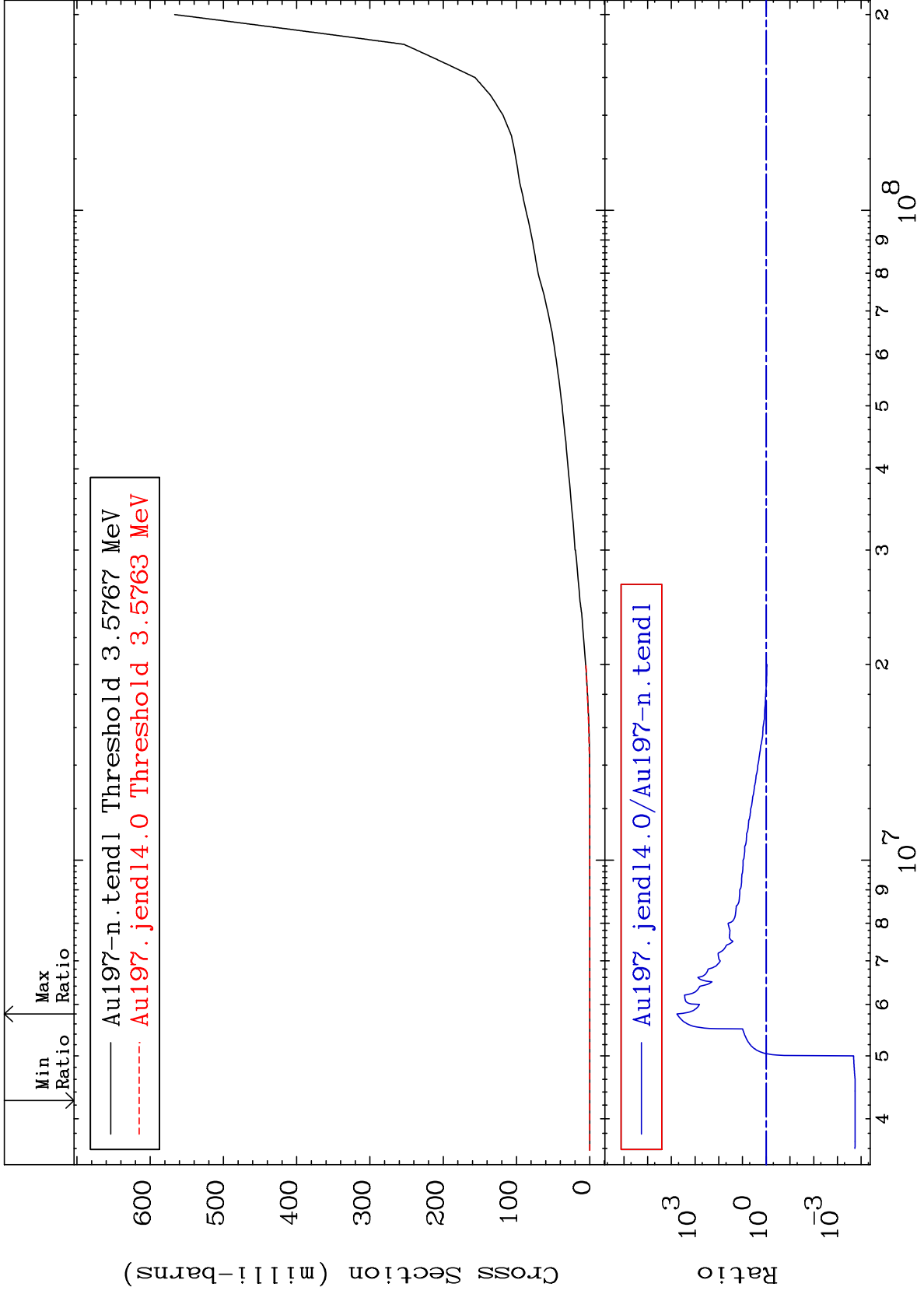
⁷⁹Au-197
-100.0 To 270.3 %



MAT 7925

Deuterium Production
Cross Section

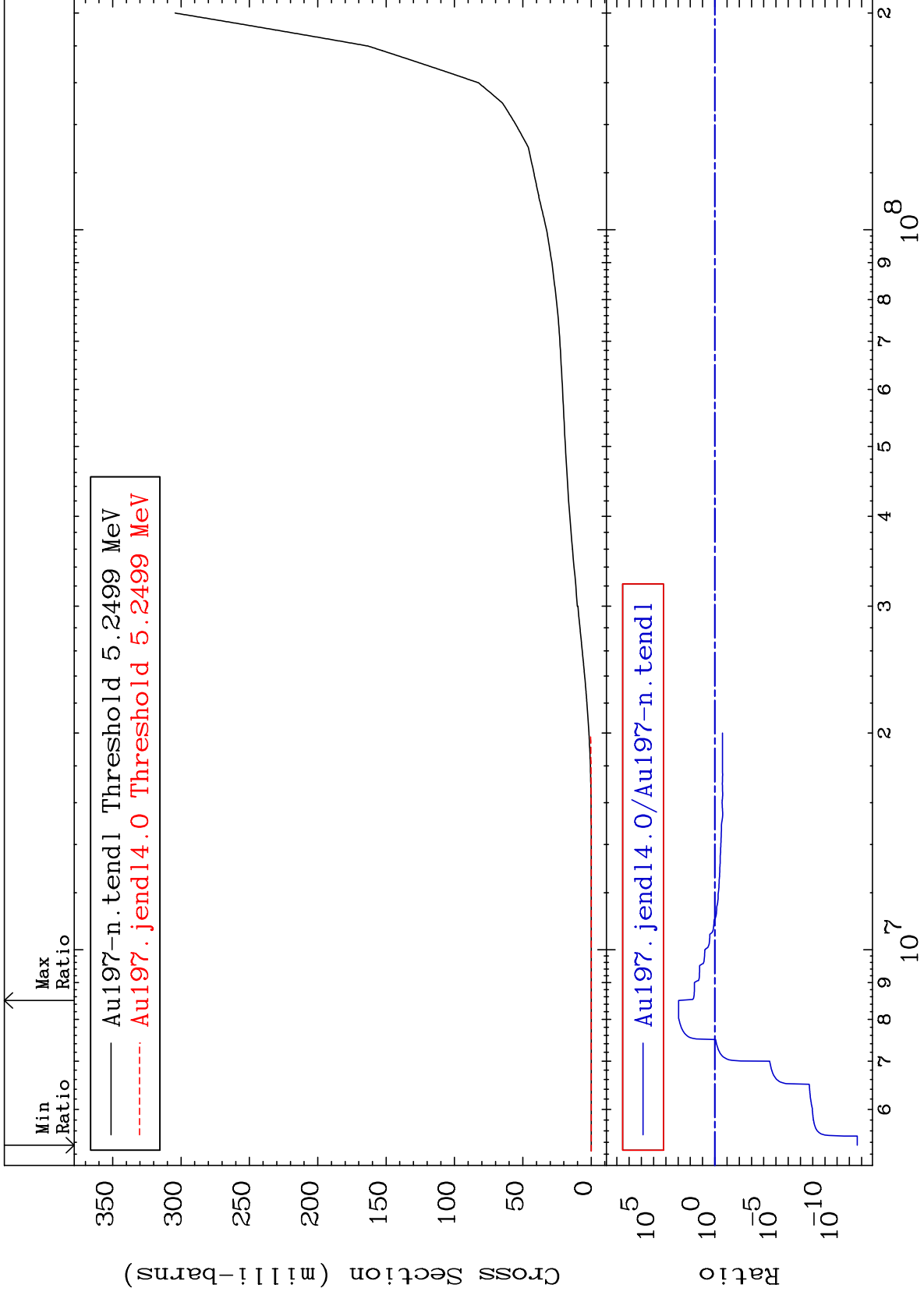
⁷⁹Au-197
-99.98 To 9999. %

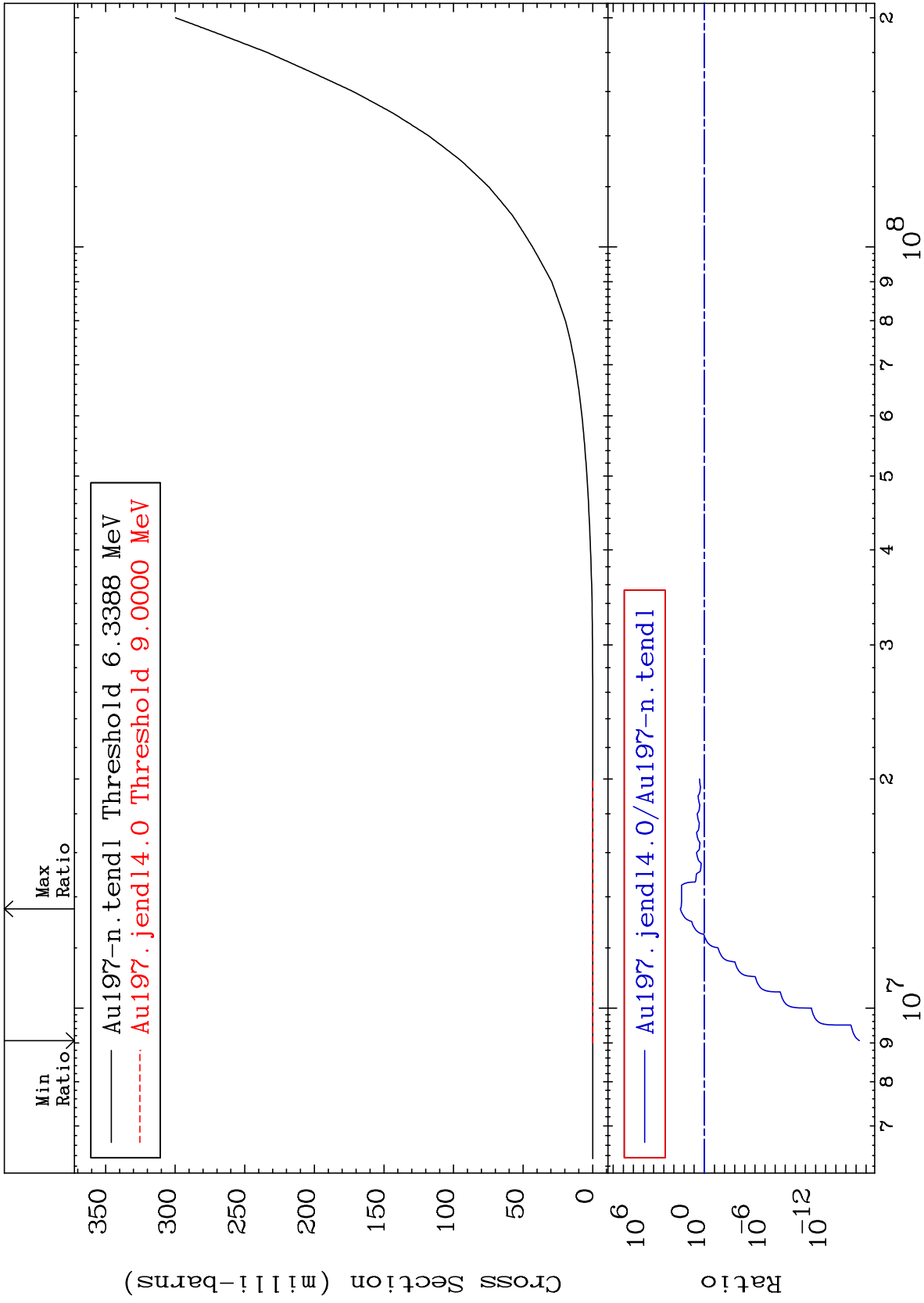


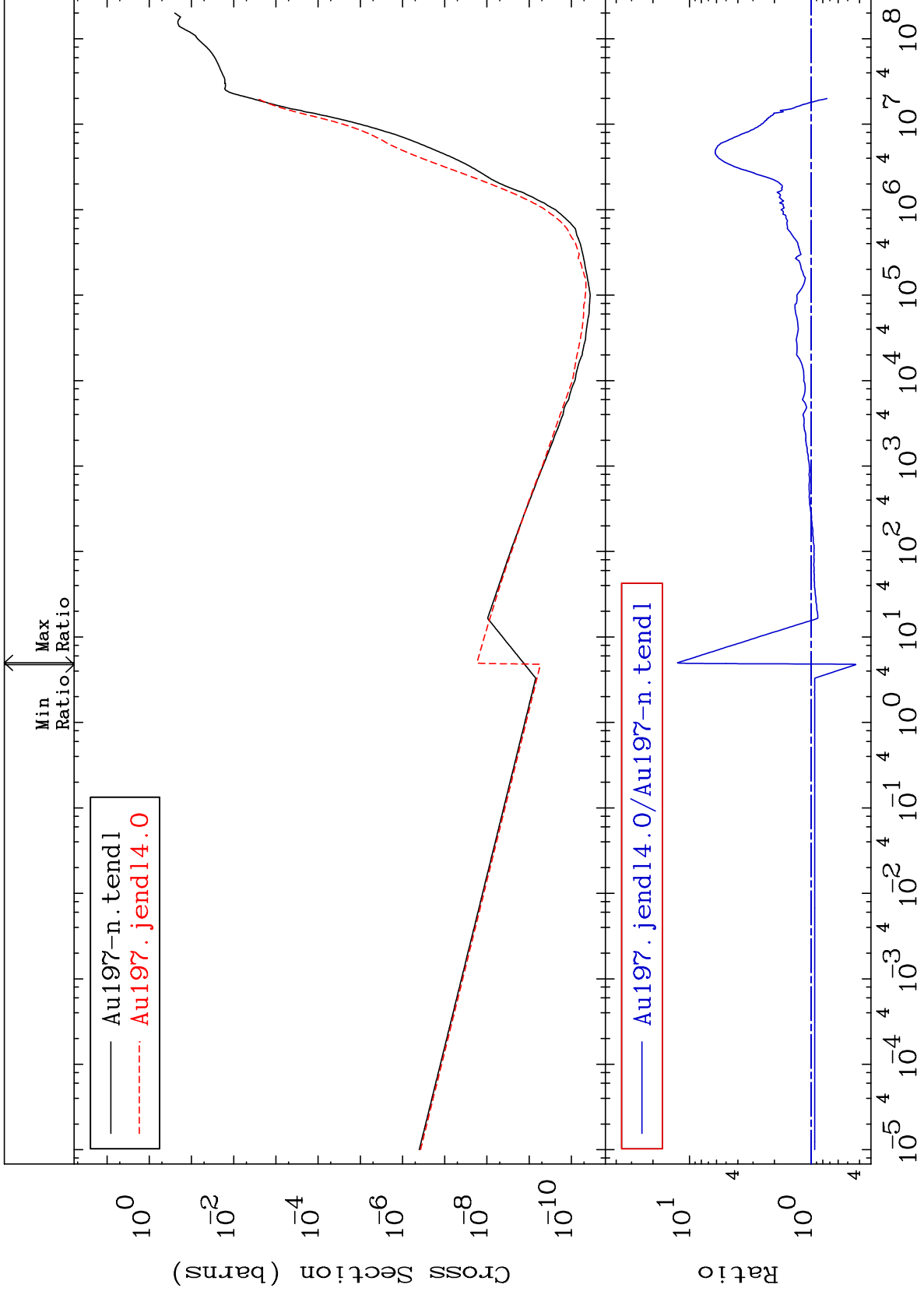
MAT 7925

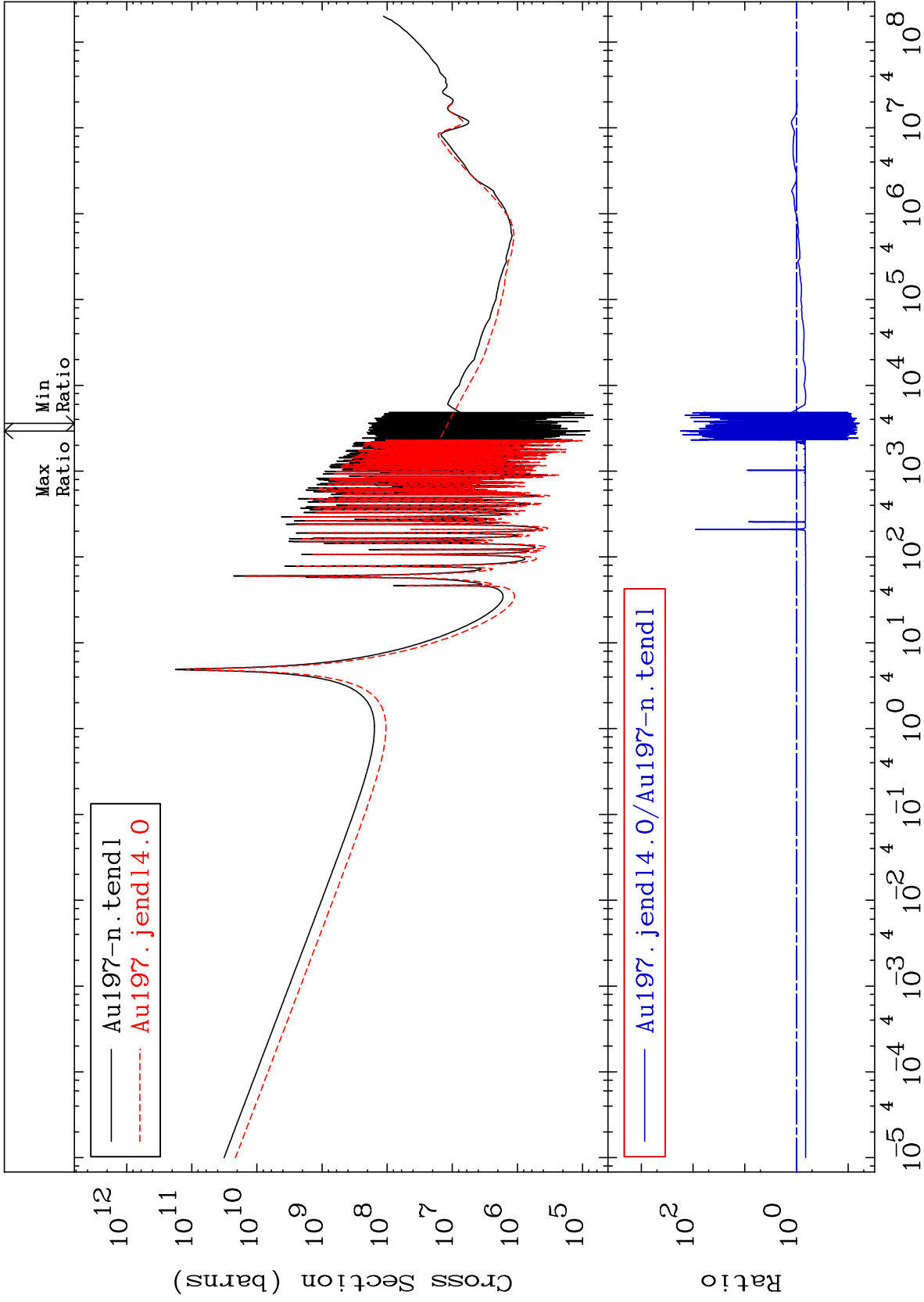
Tritium Production
Cross Section

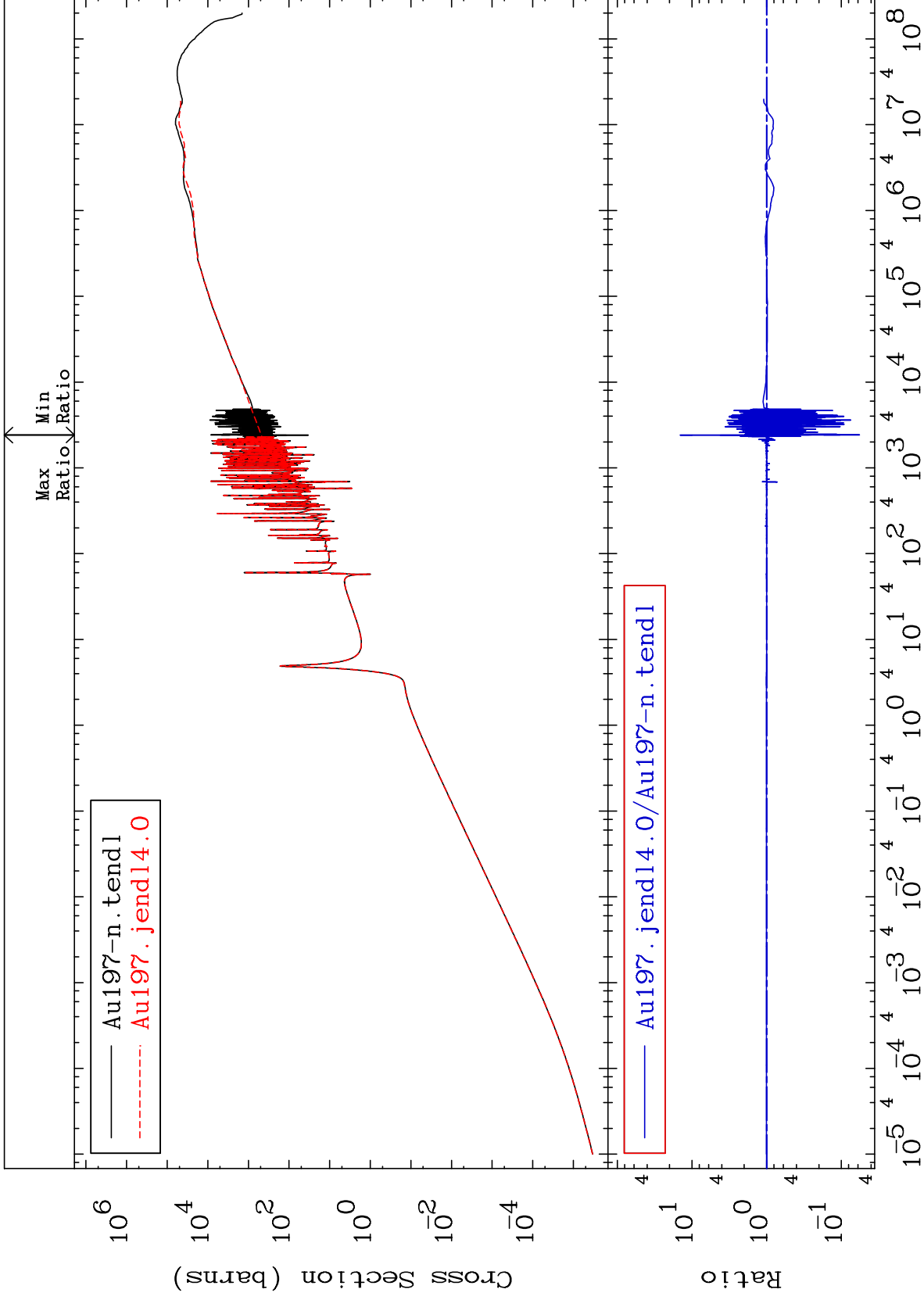
79-Au-197
-100.0 To 9999. %

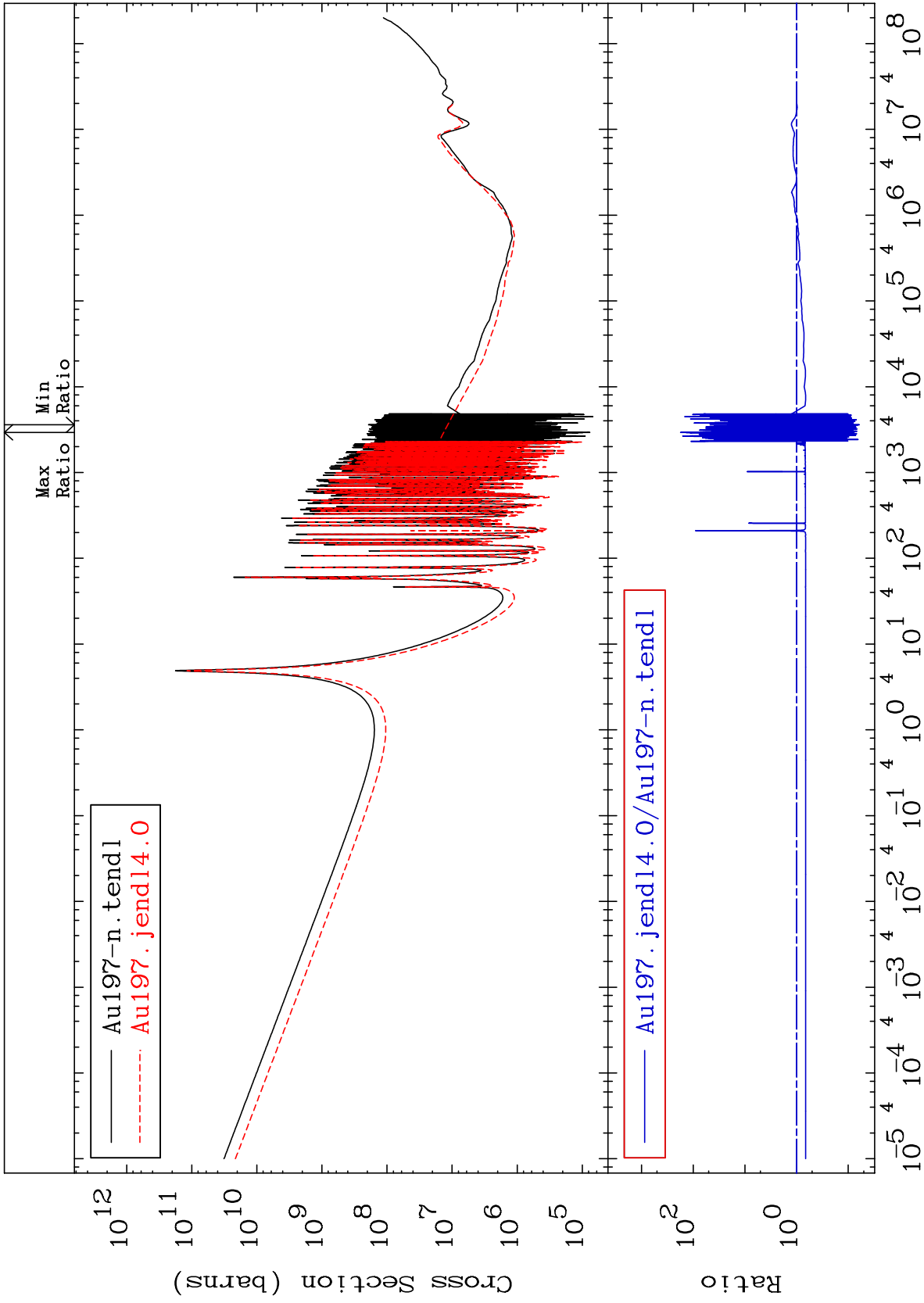


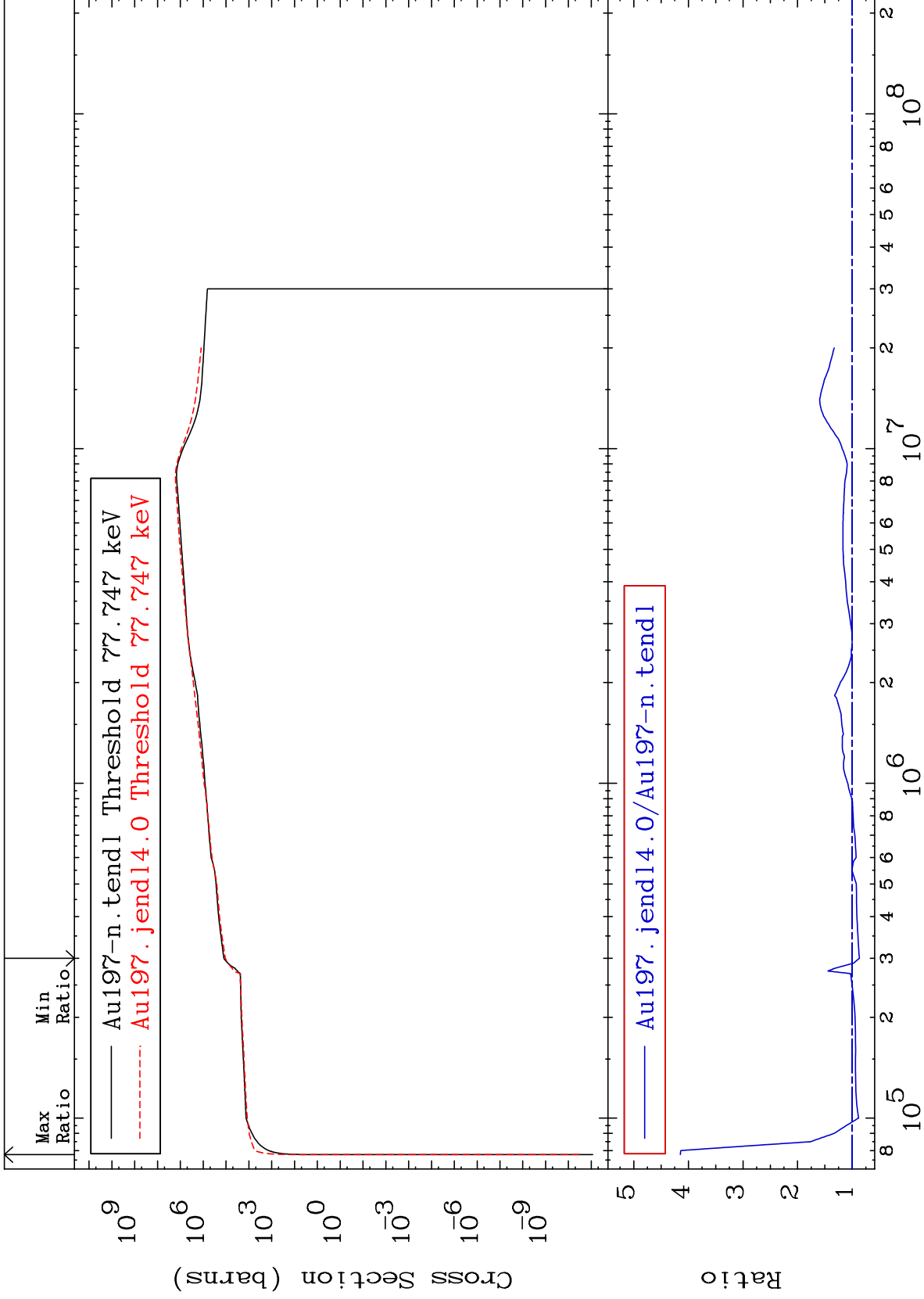








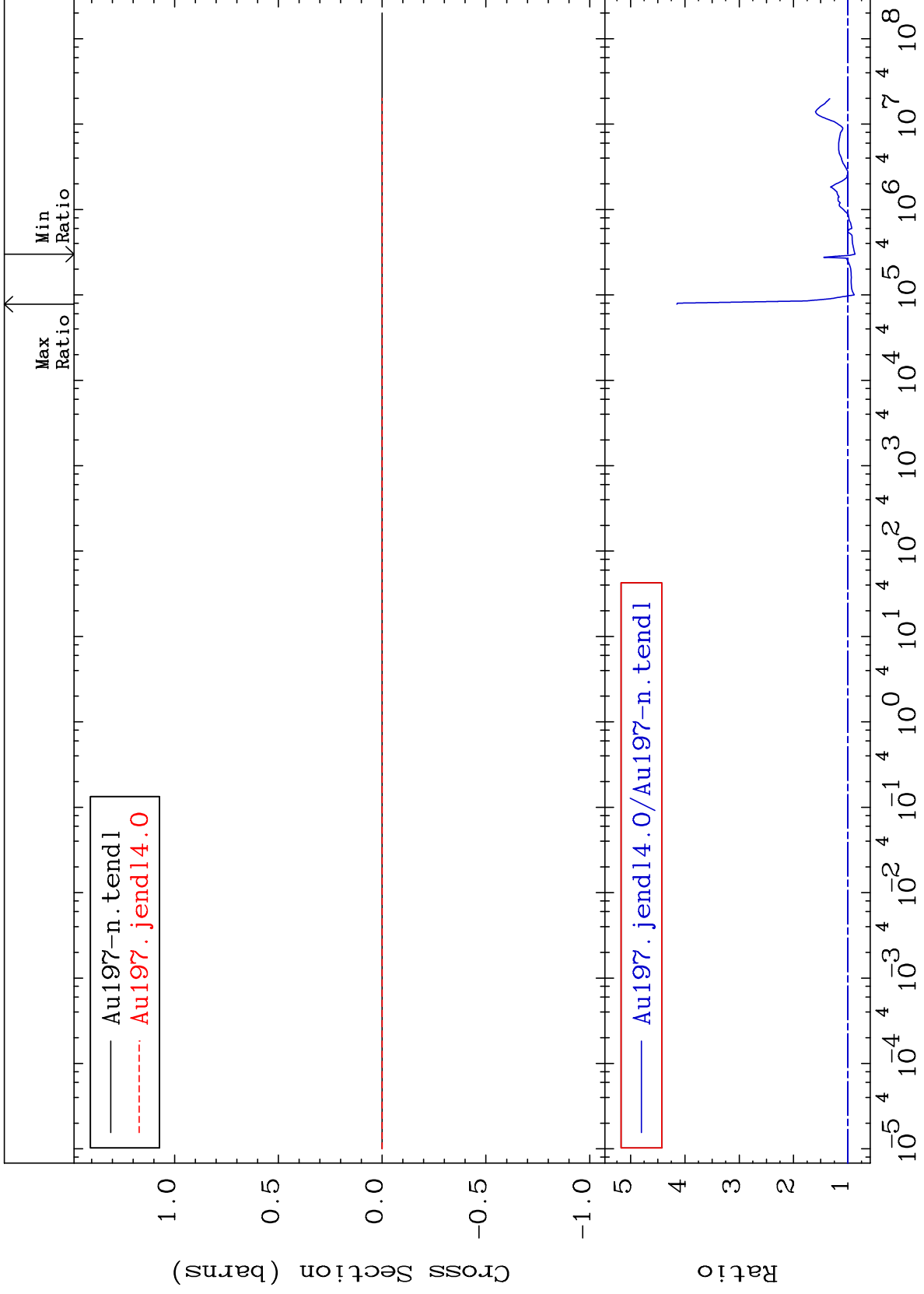




MAT 7925

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

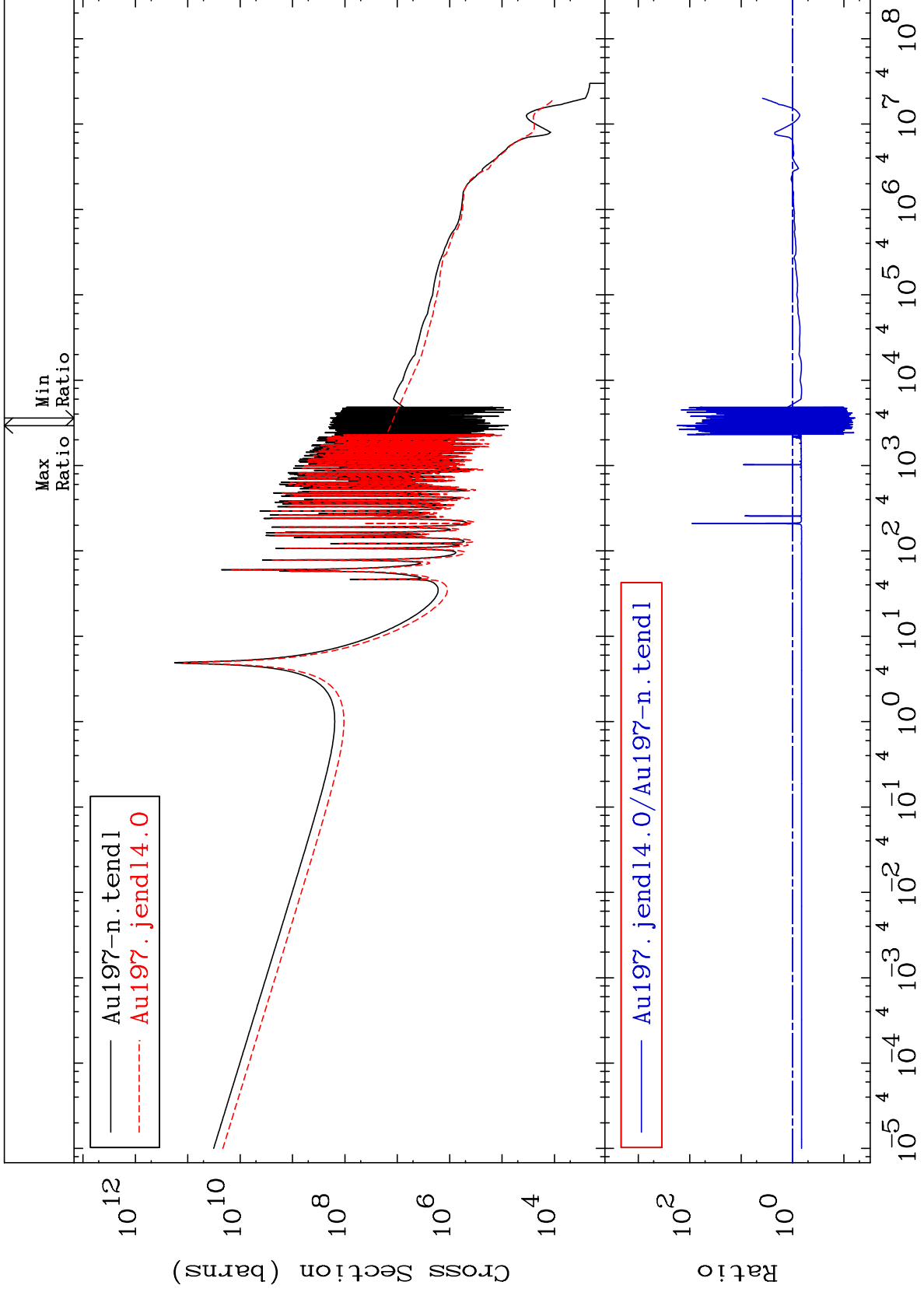
79-Au-197
-13.26 To 314.7 %



MAT 7925

Kerma capture (mt102)
Cross Section

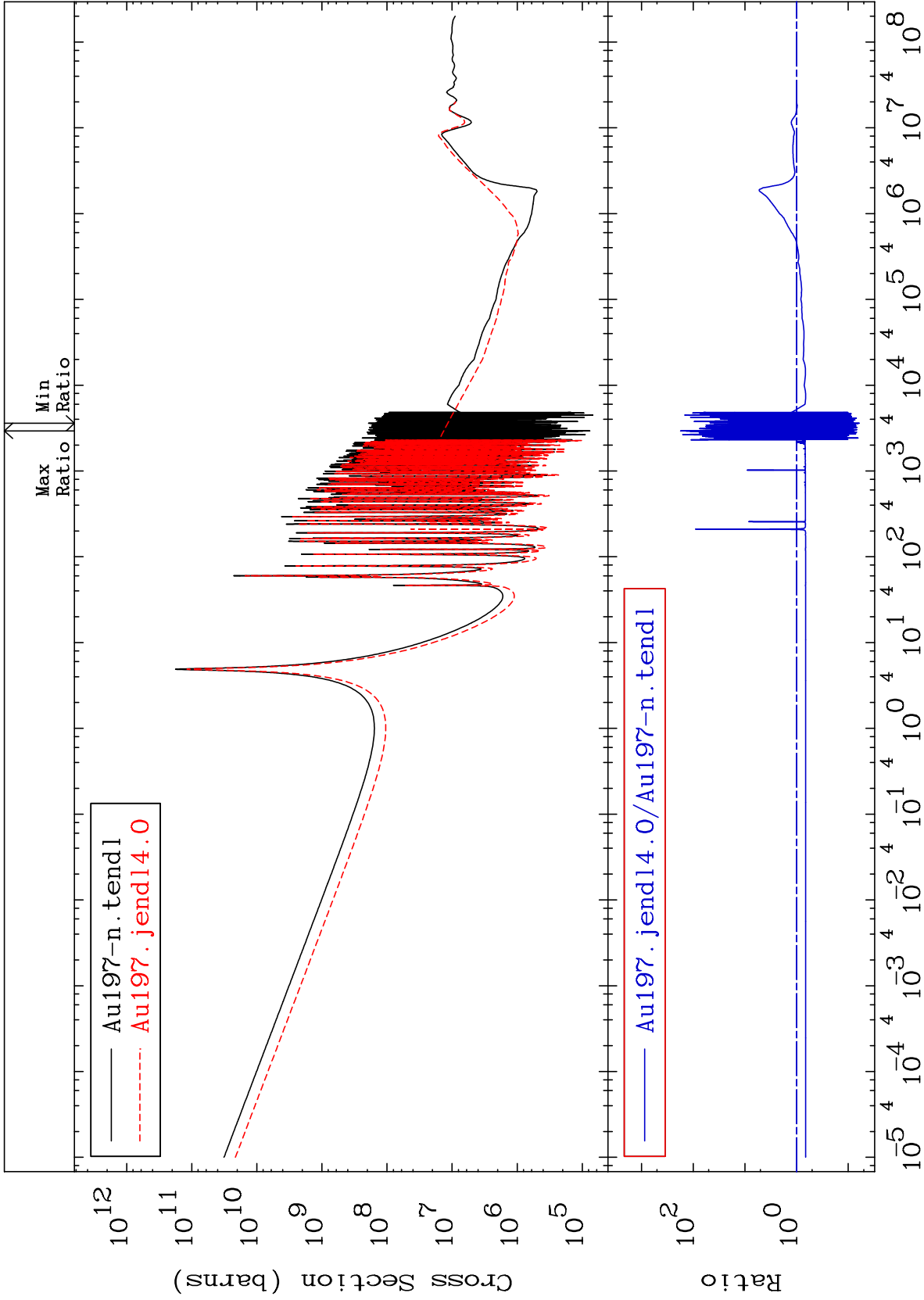
79-Au-197
-93.92 To 9999. %

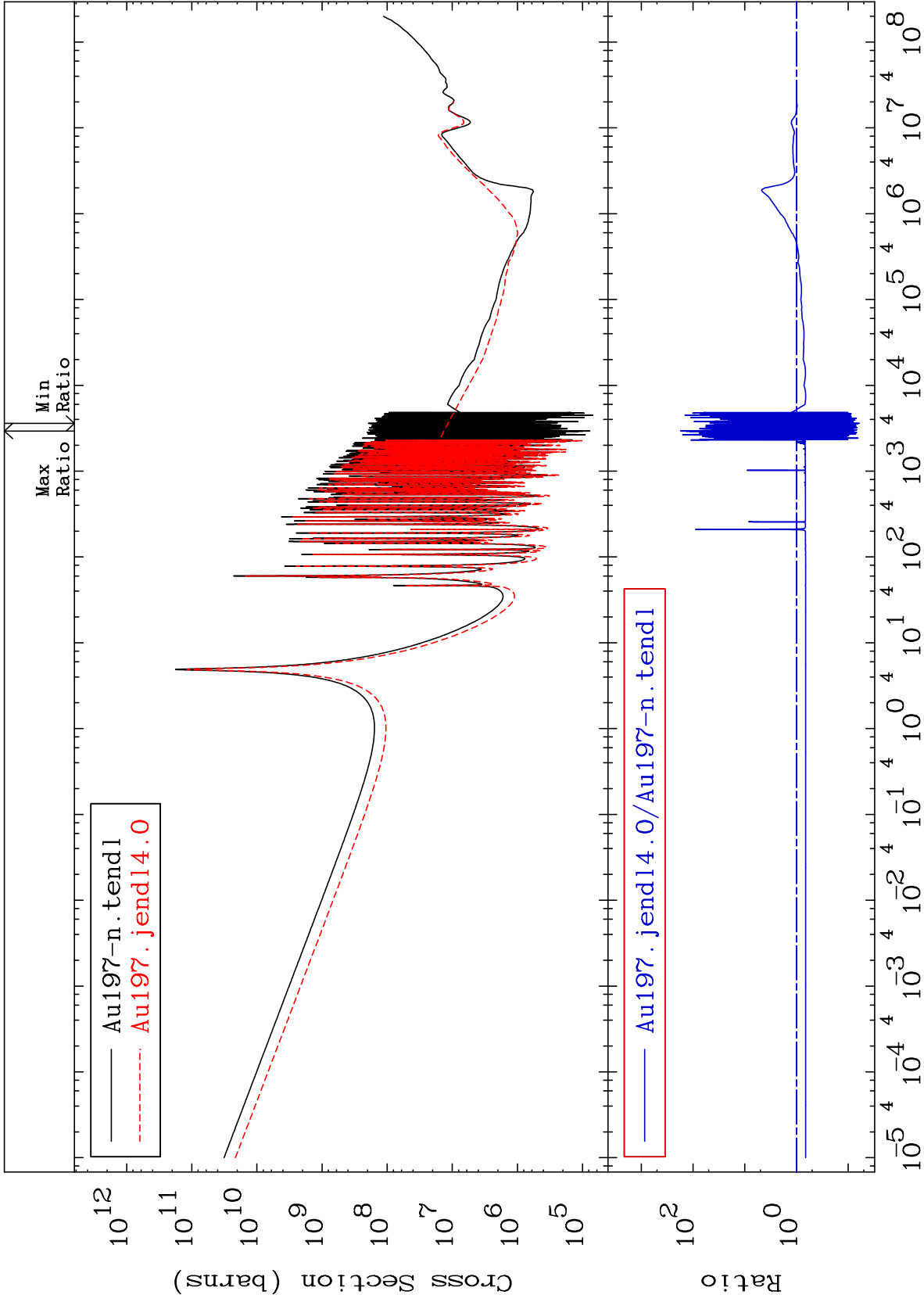


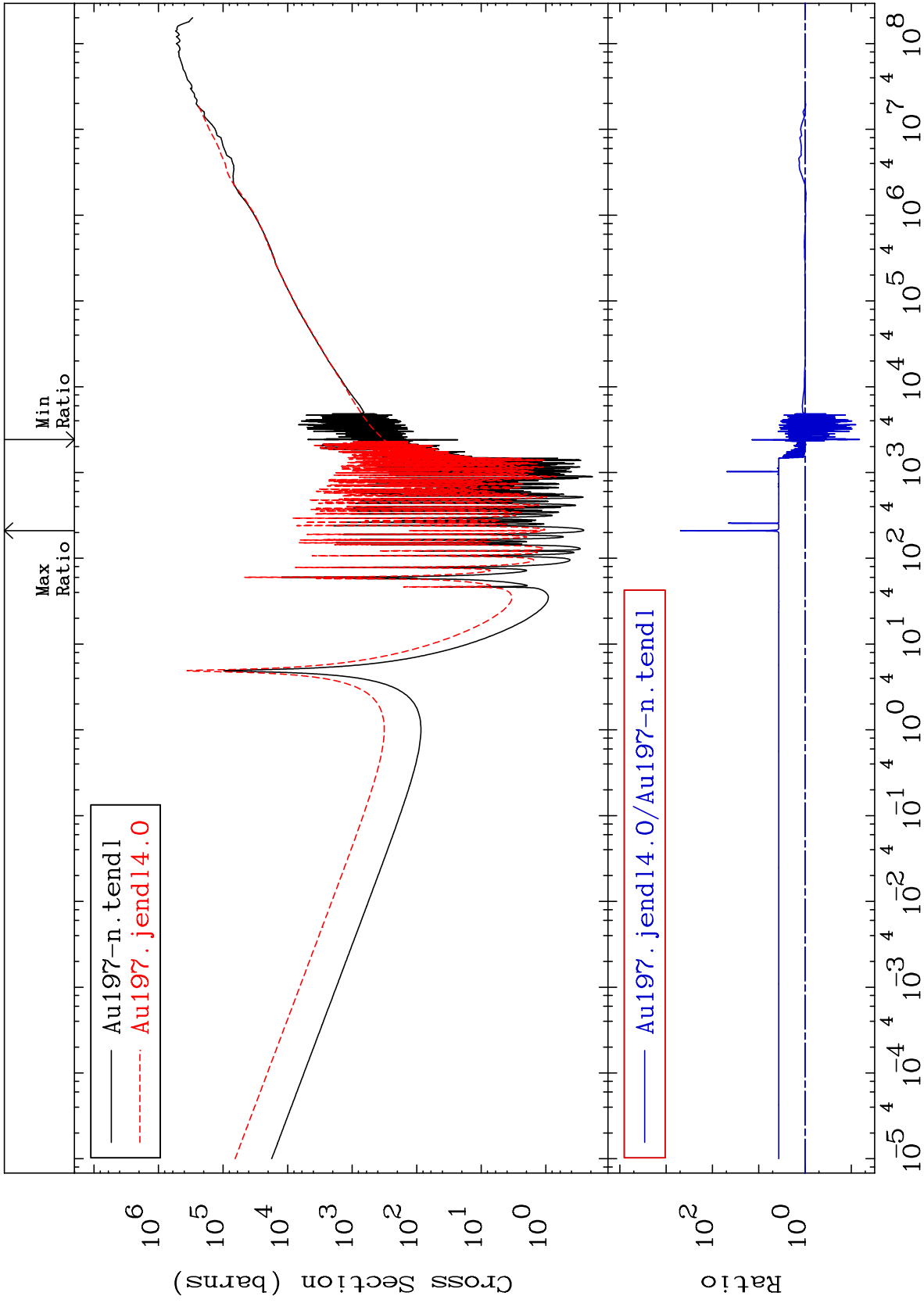
50

Incident Energy (eV)

79-Au-197







MAT 7925

Dpa elastic (mt2)
Cross Section

79-Au-197
-94.12 To 1371. %

