

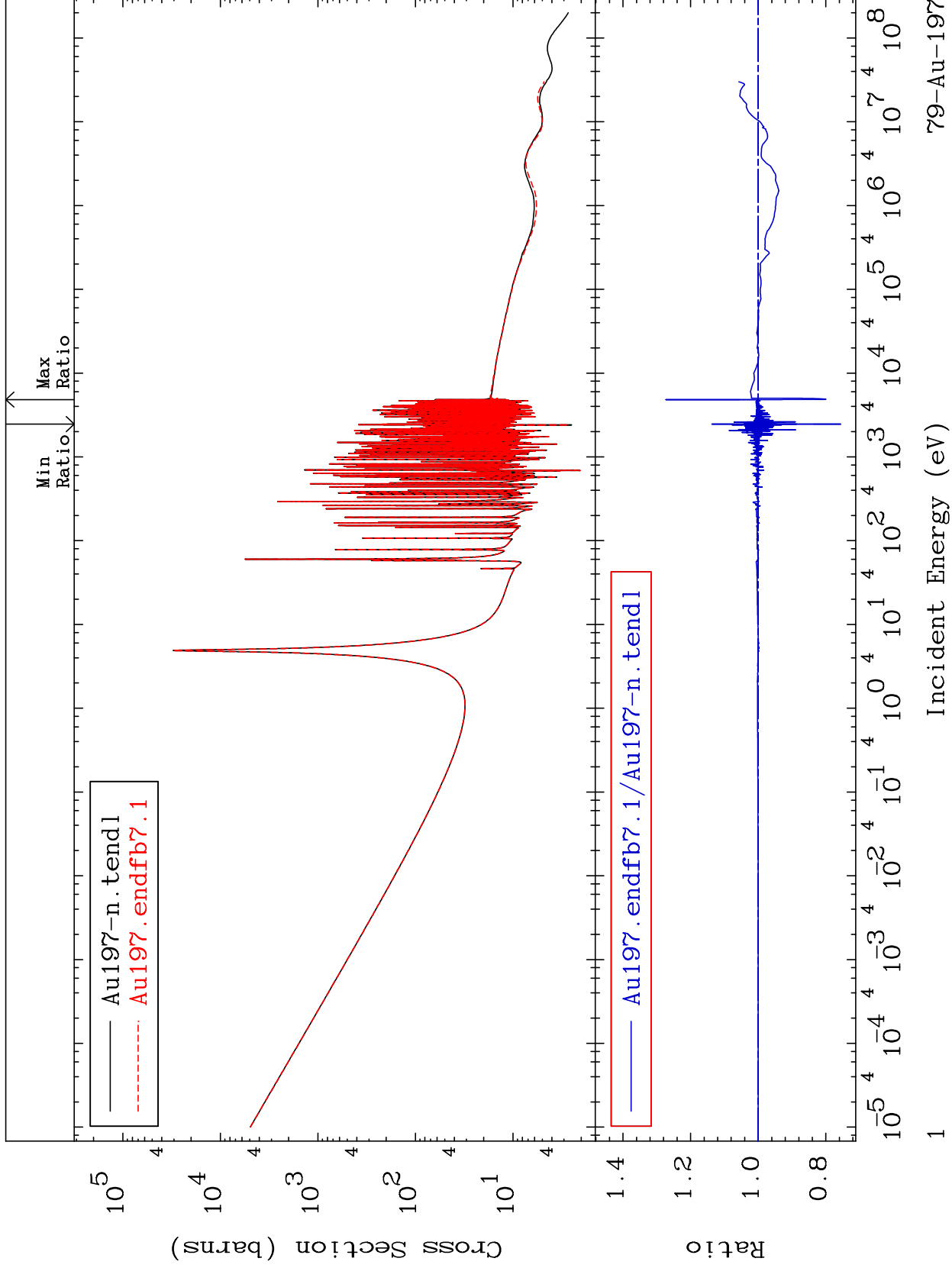
MAT 7925

Total

Cross Section

79-Au-197

-24.43 To 27.29 %



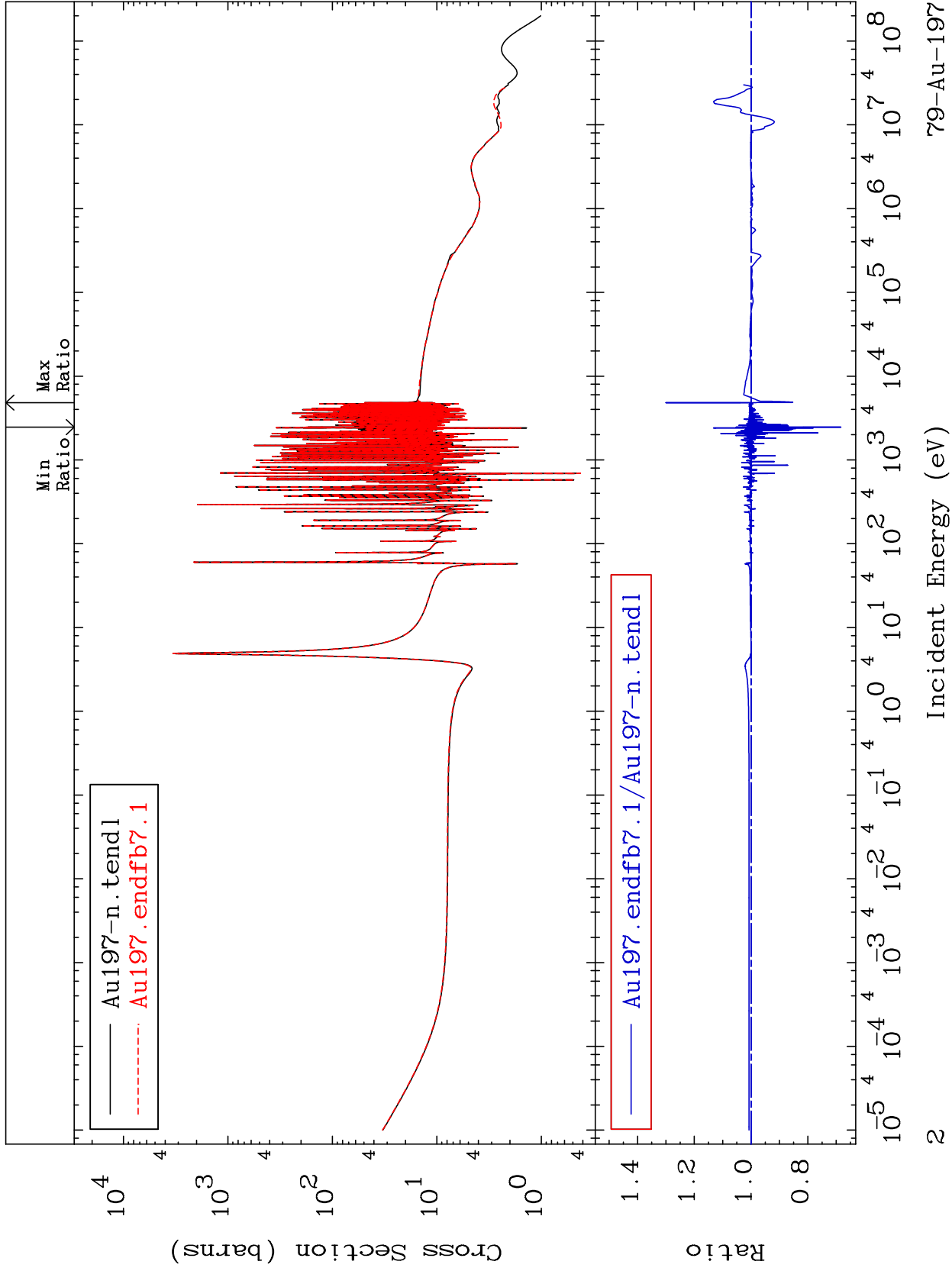
Incident Energy (eV)

79-Au-197

MAT 7925

Elastic
Cross Section

79-Au-197
-31.64 To 29.98 %



79-Au-197

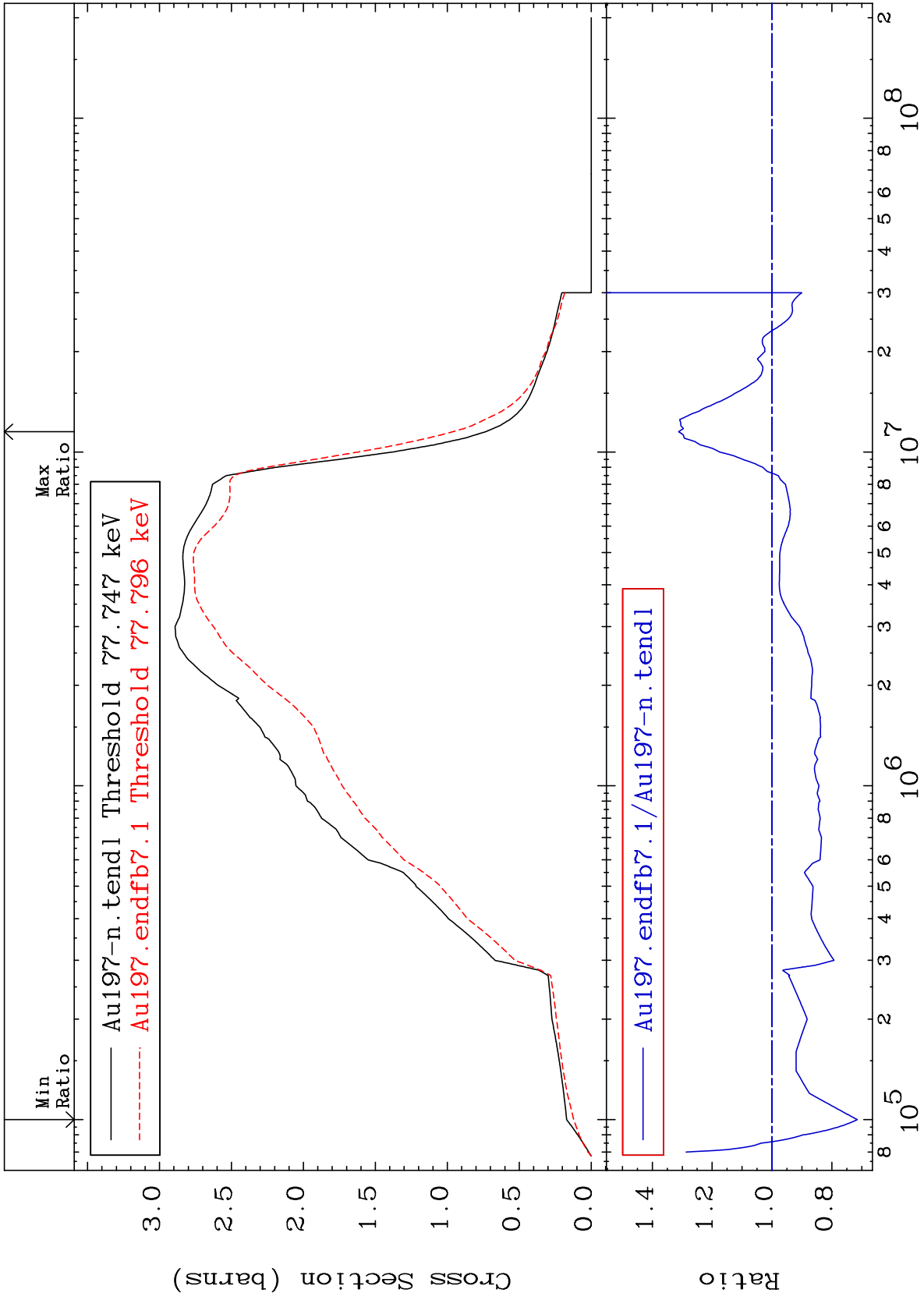
Incident Energy (eV)

2

MAT 7925

Inelastic
Cross Section

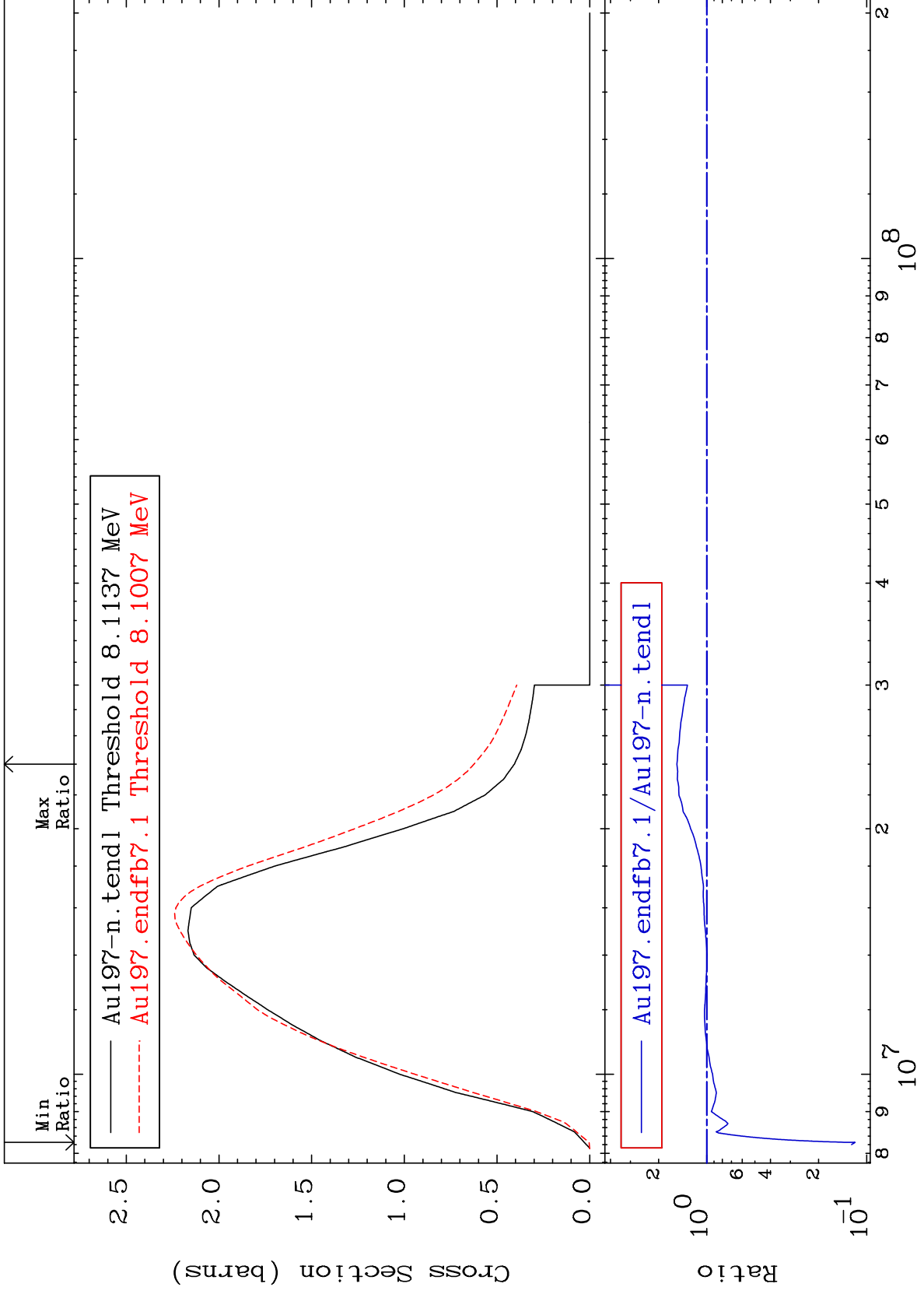
⁷⁹Au-197
-28.48 To 31.20 %



MAT 7925

(n,2n)
Cross Section

79-Au-197
-88.18 To 53.62 %



Incident Energy (eV)

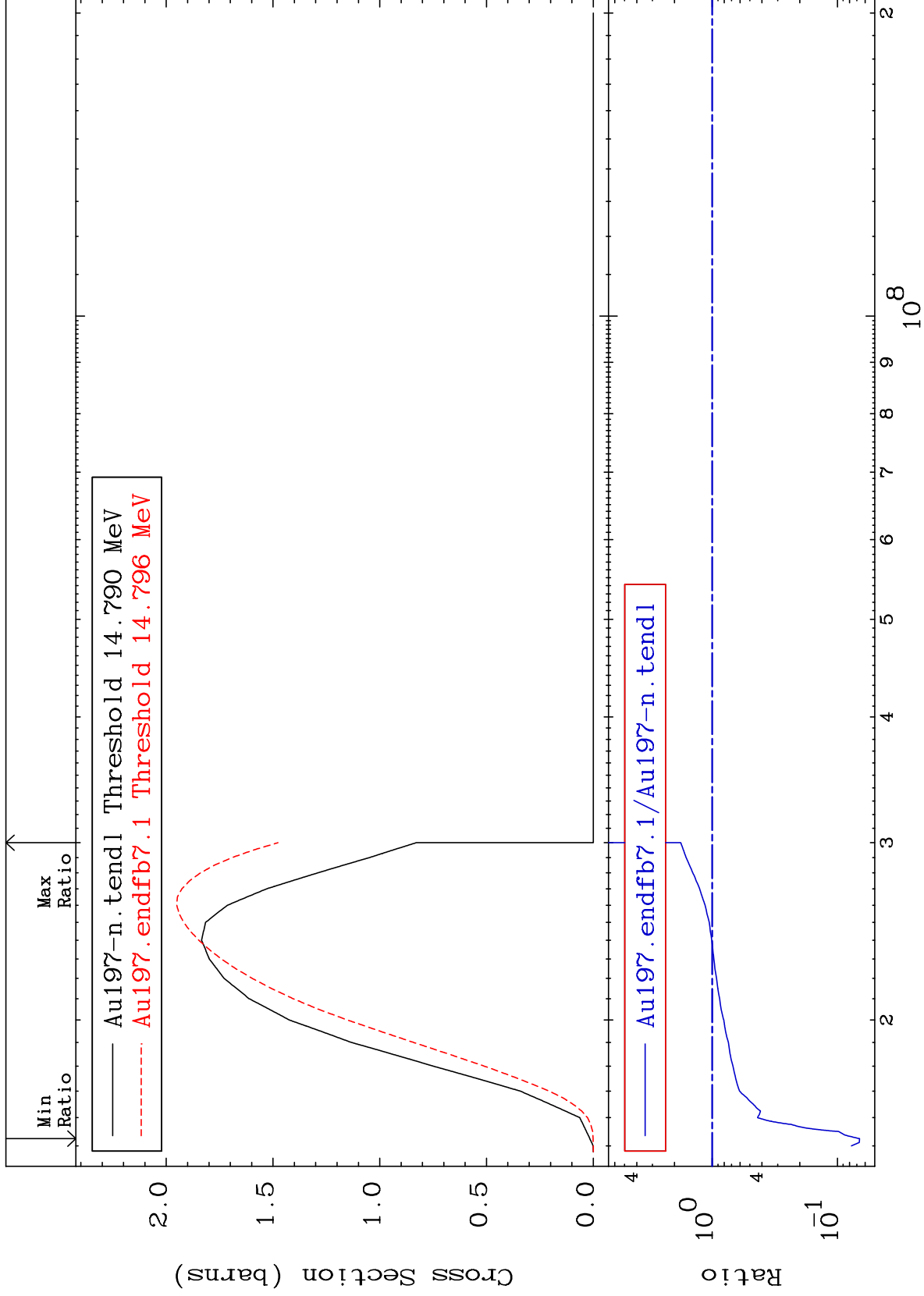
79-Au-197

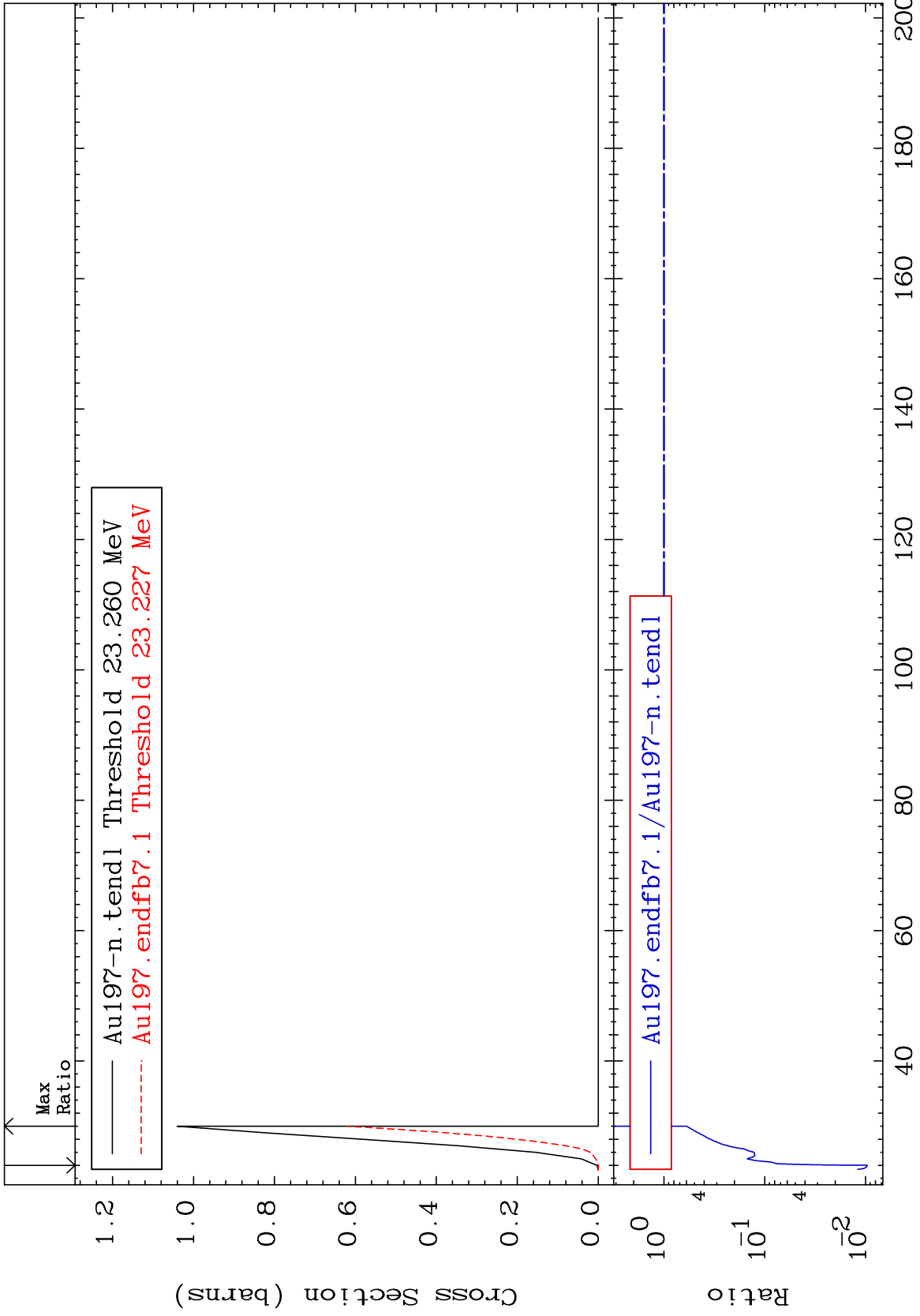
4

MAT 7925

(n,3n)
Cross Section

79-Au-197
-93.34 To 78.11 %





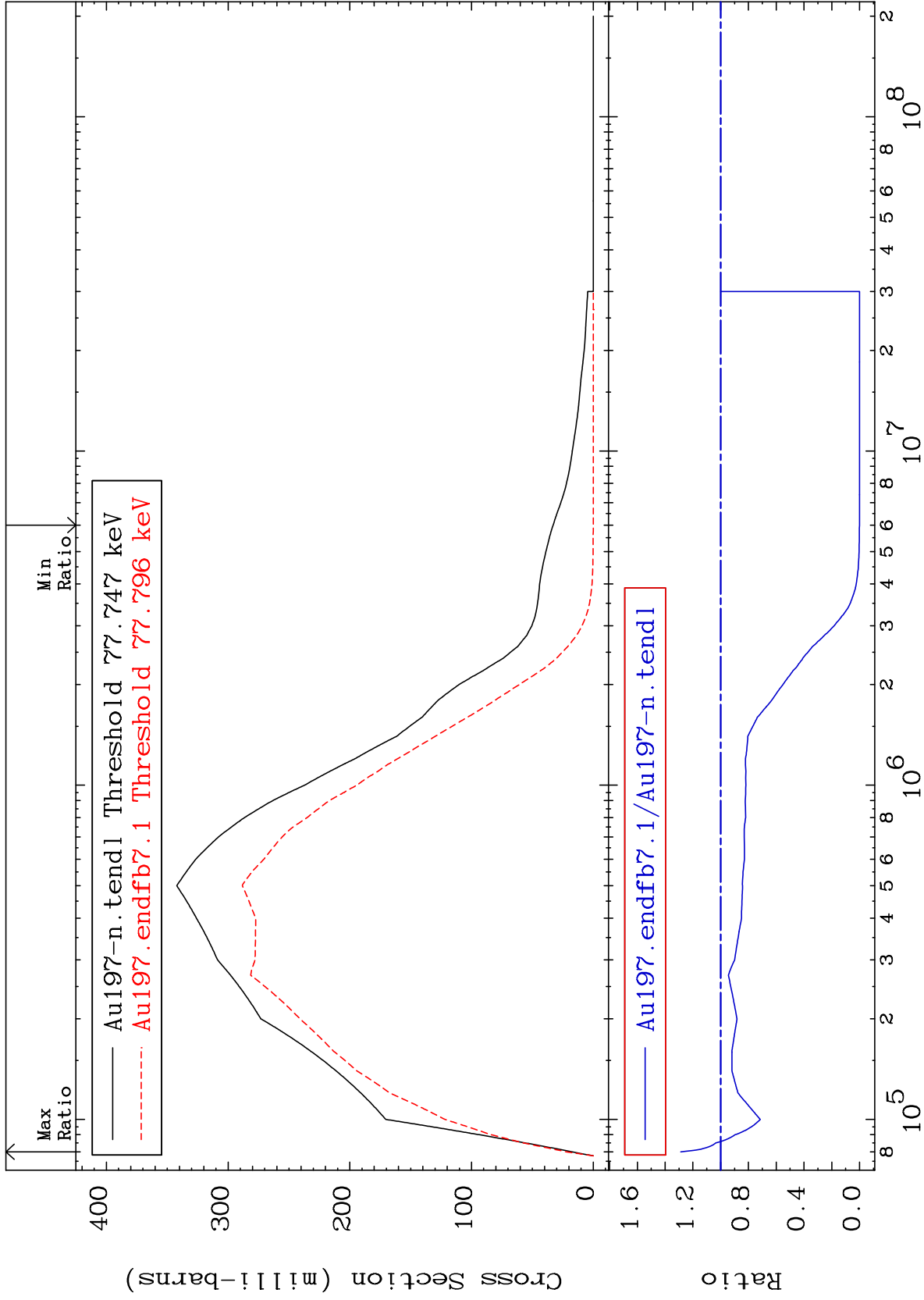
MAT 7925

77.35 keV (n,n') Level

⁷⁹Au-197

-100.0 To 28.72 %

Cross Section



7

Incident Energy (eV)

⁷⁹Au-197

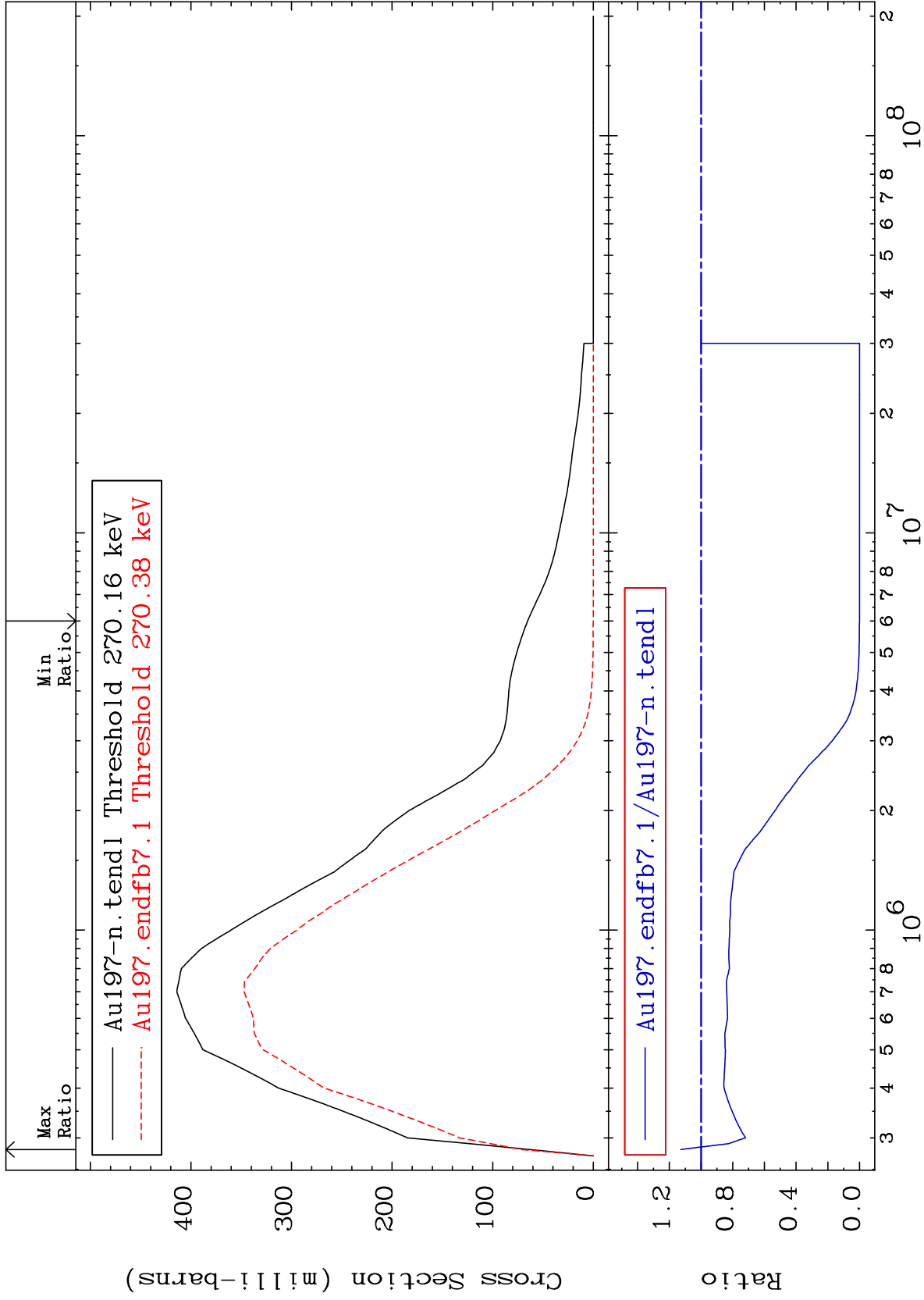
MAT 7925

268.8 keV (n,n') Level

⁷⁹Au-197

Cross Section

-100.0 To 12.80 %

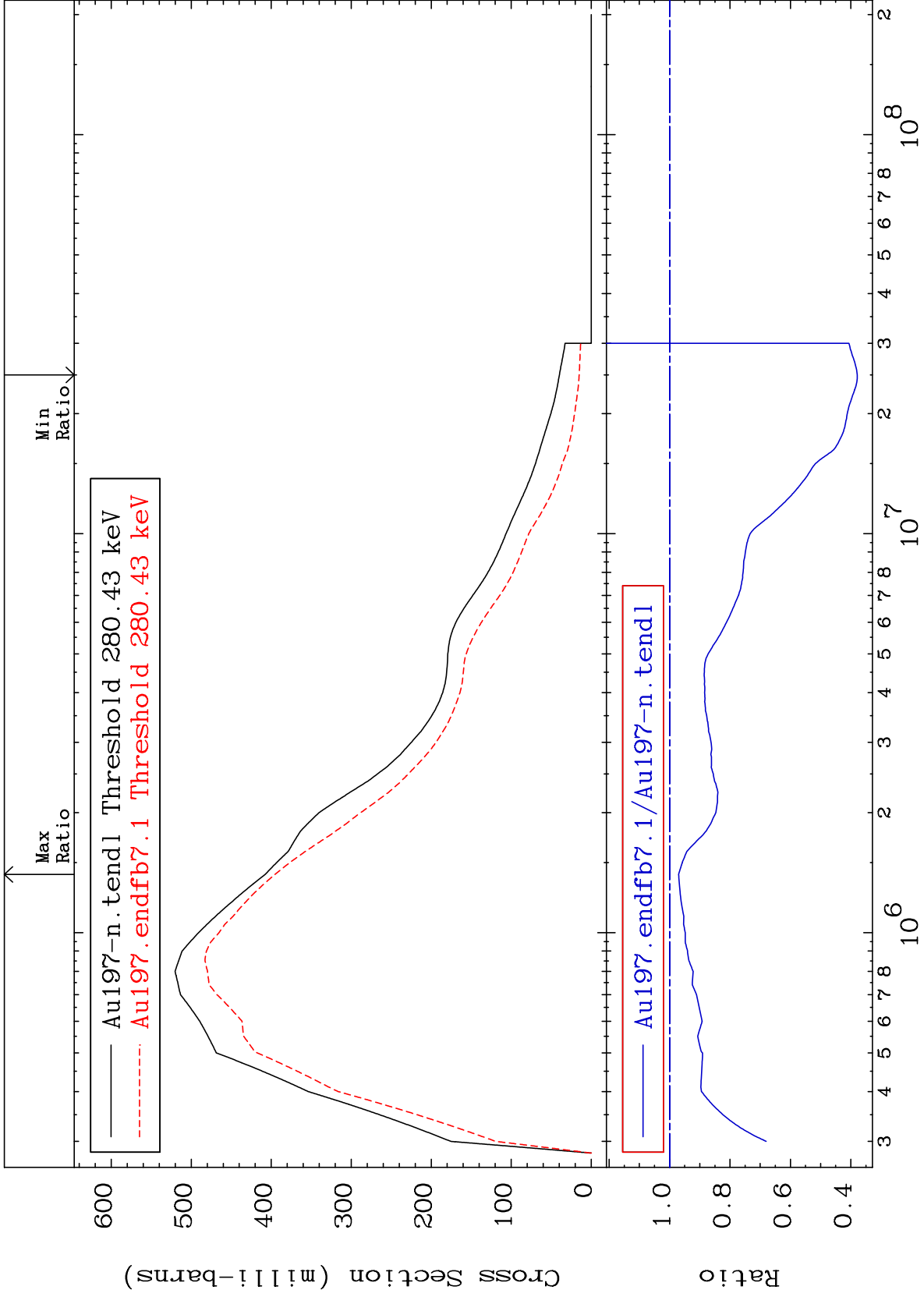


8

MAT 7925

279.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-62.13 To -2.999%



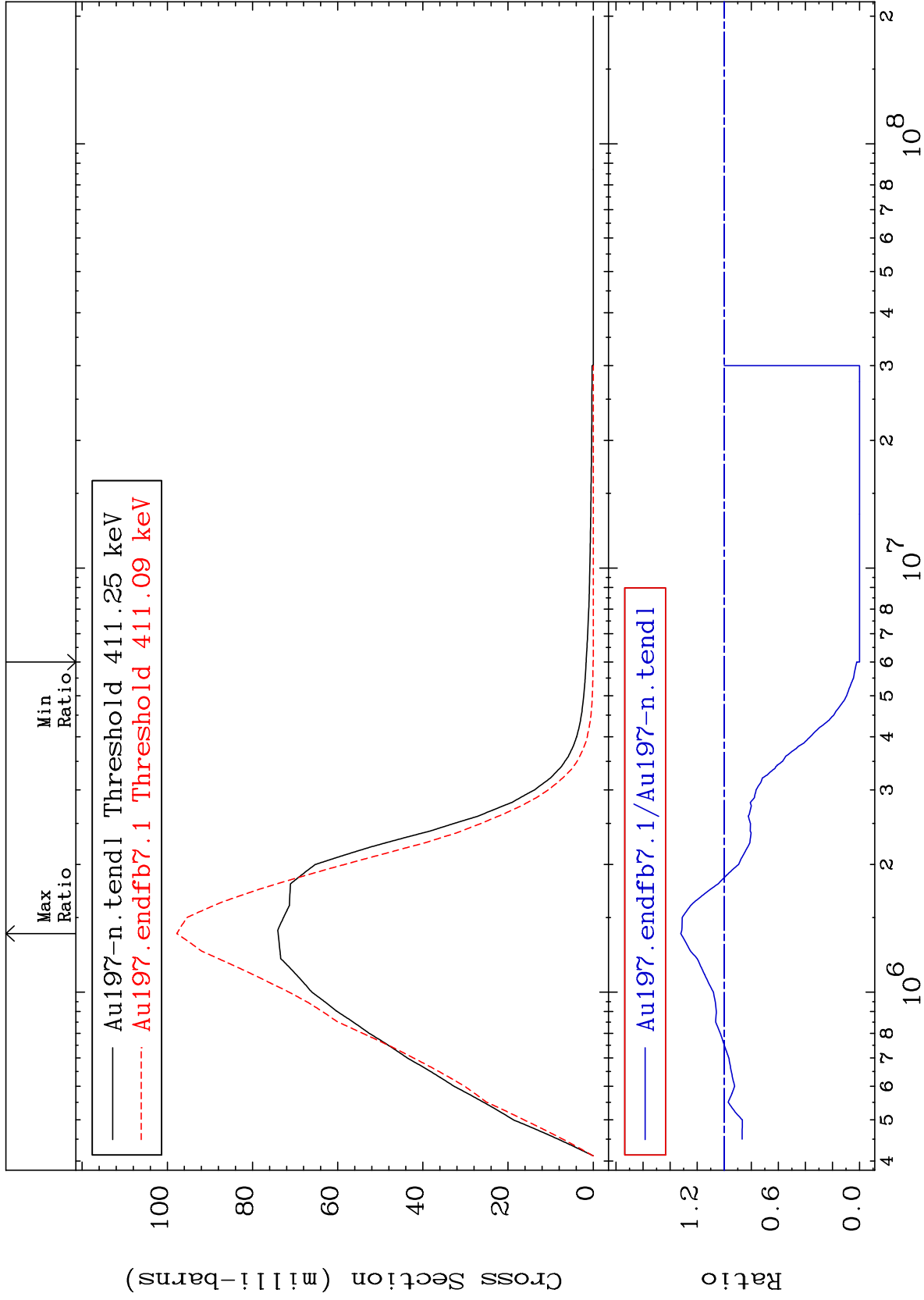
MAT 7925

409.2 keV (n,n') Level

⁷⁹Au-197

Cross Section

-100.0 To 32.16 %



10

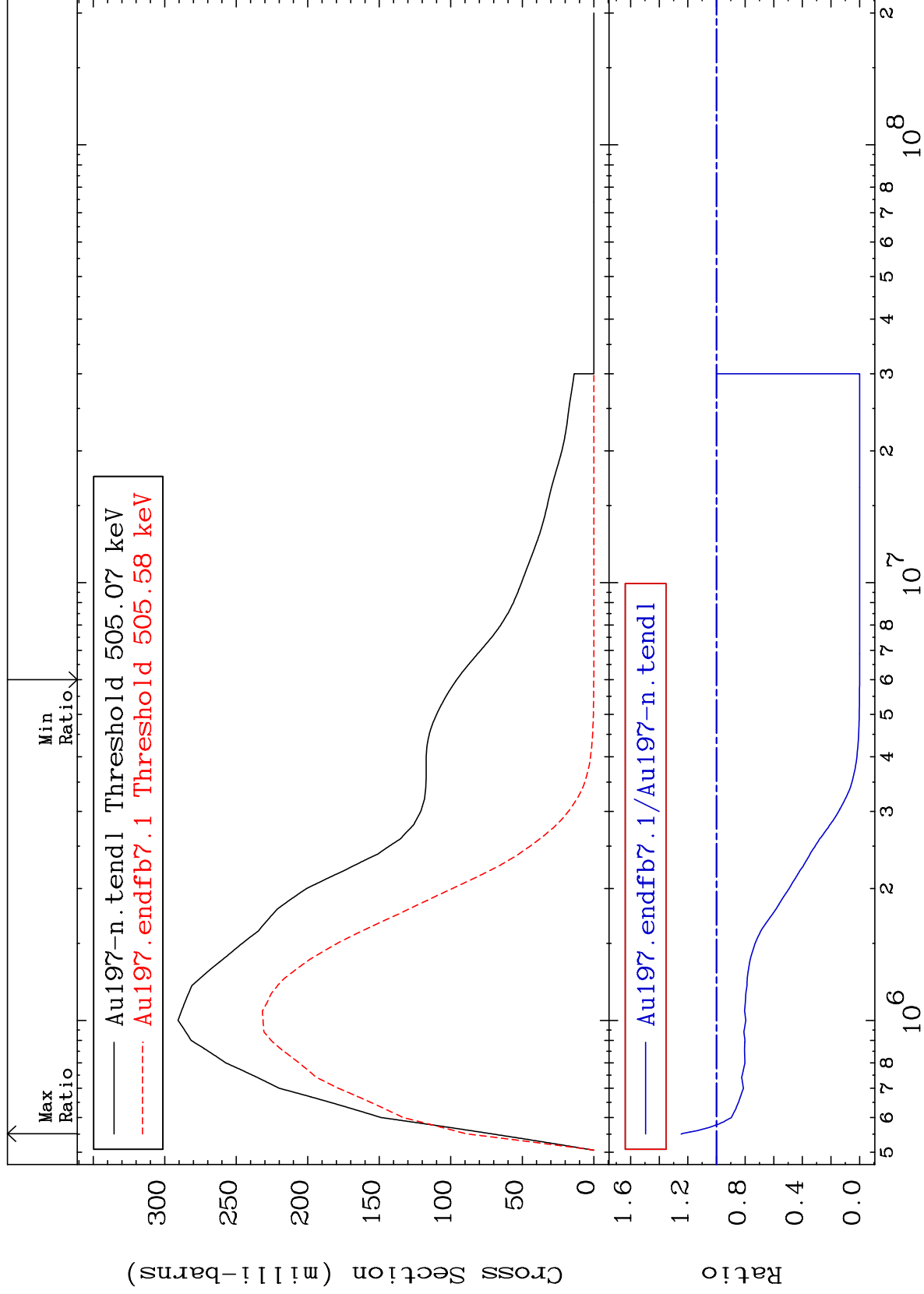
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

502.5 keV (n,n') Level
Cross Section

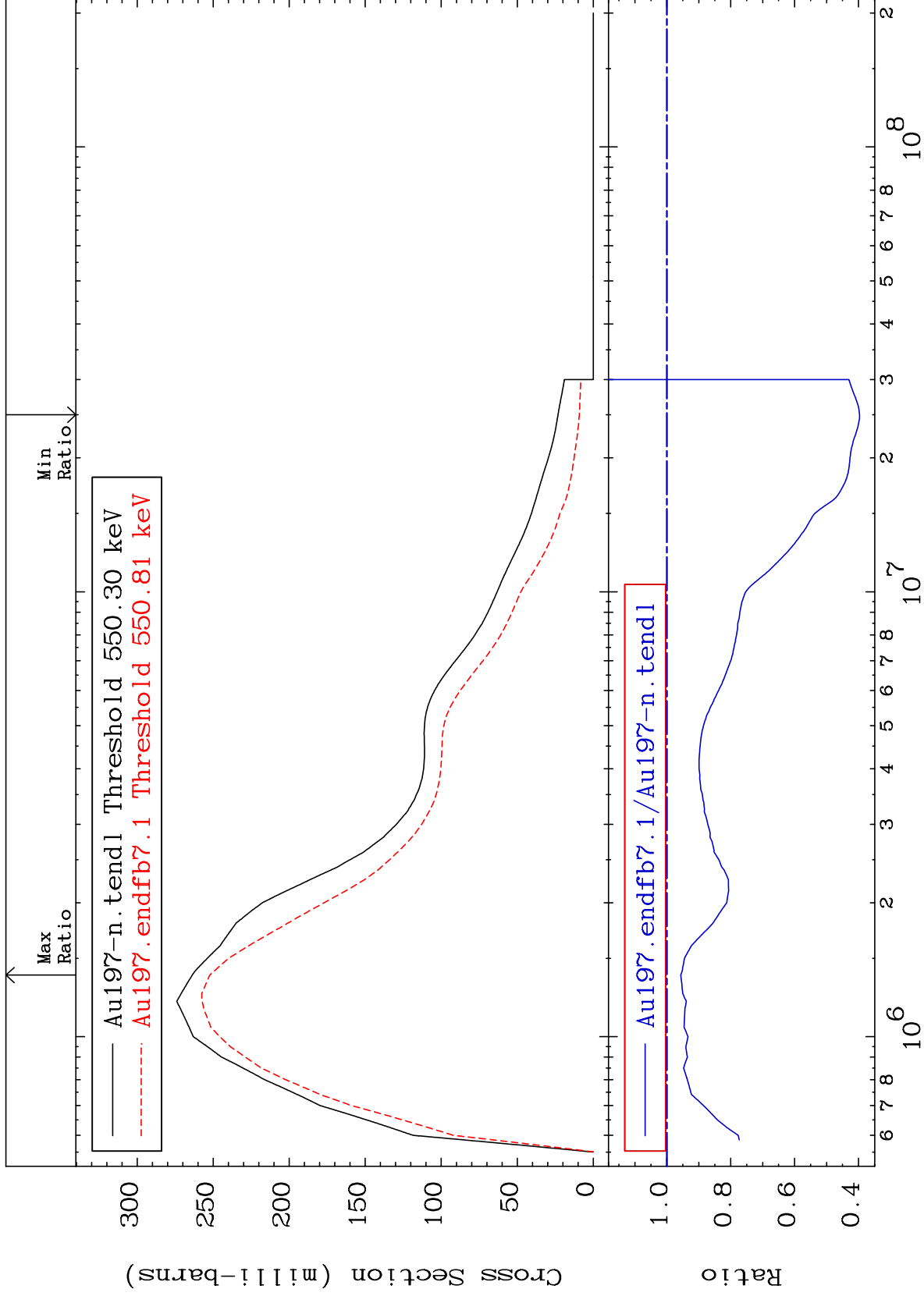
⁷⁹Au-197
-100.0 To 24.68 %



MAT 7925

547.5 keV (n,n') Level
Cross Section

⁷⁹Au-197
-60.32 To -4.357%



12

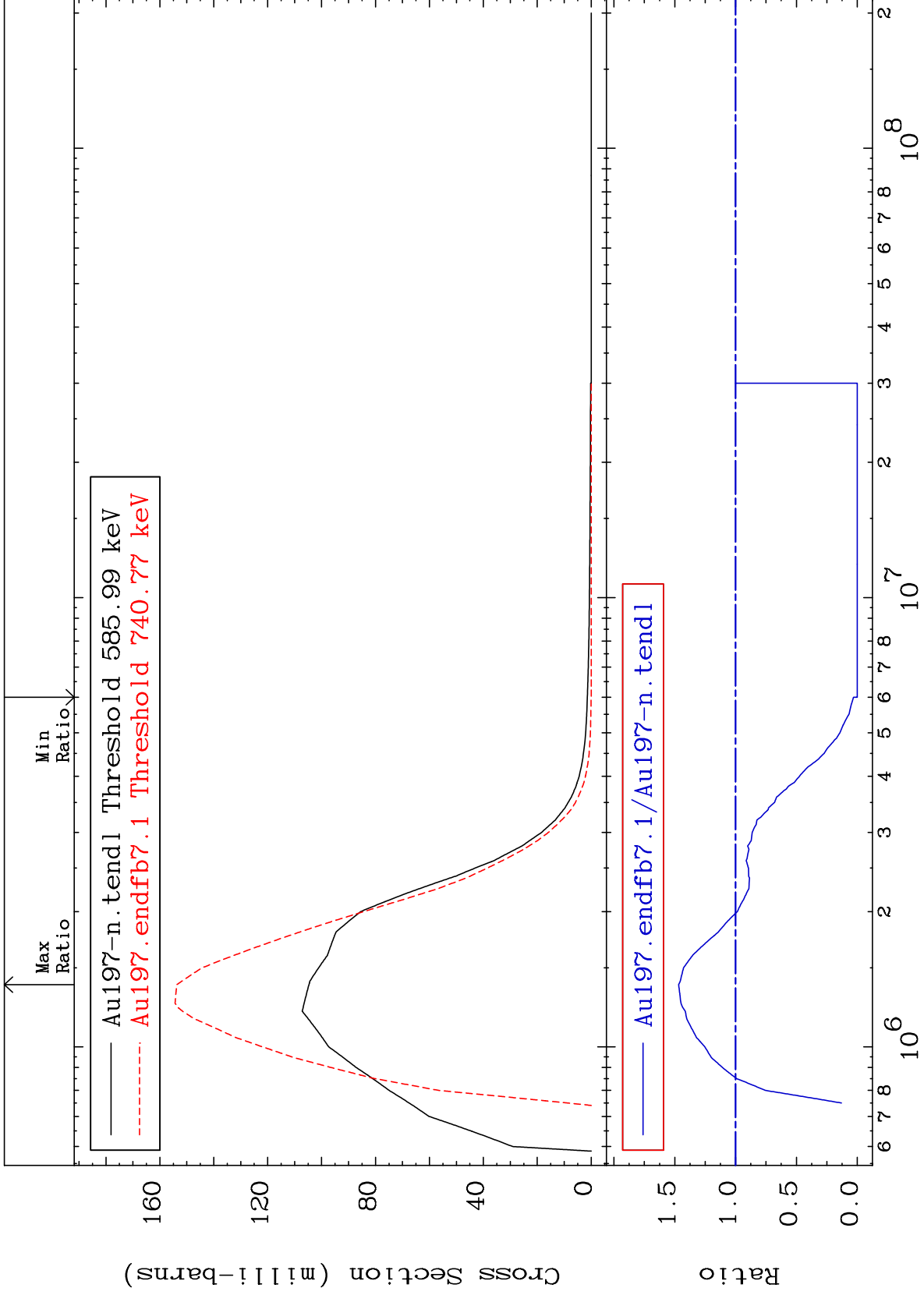
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

583.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-100.0 To 46.83 %



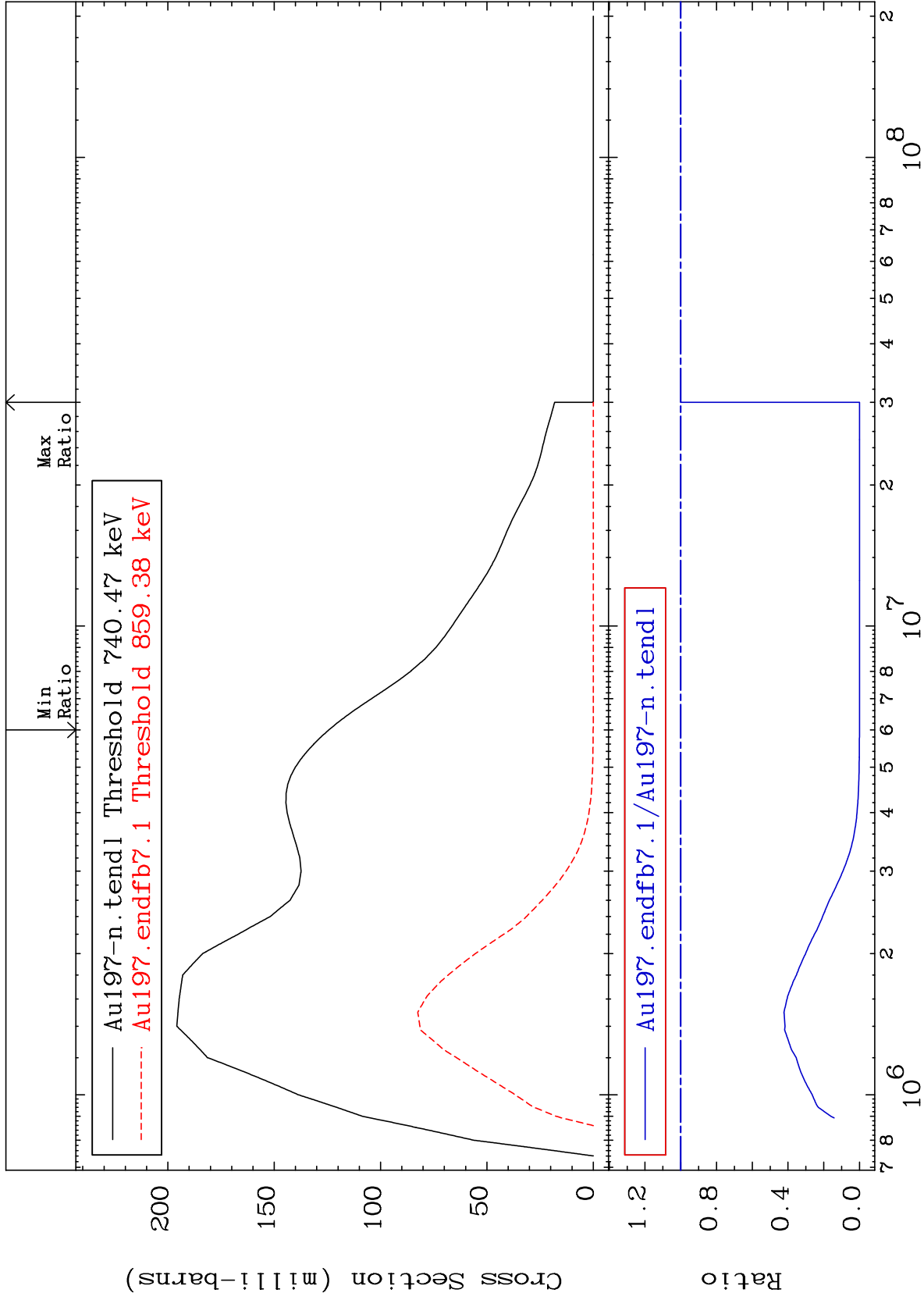
MAT 7925

736.7 keV (n,n') Level

⁷⁹Au-197

-100.0 To 0.000 %

Cross Section



14

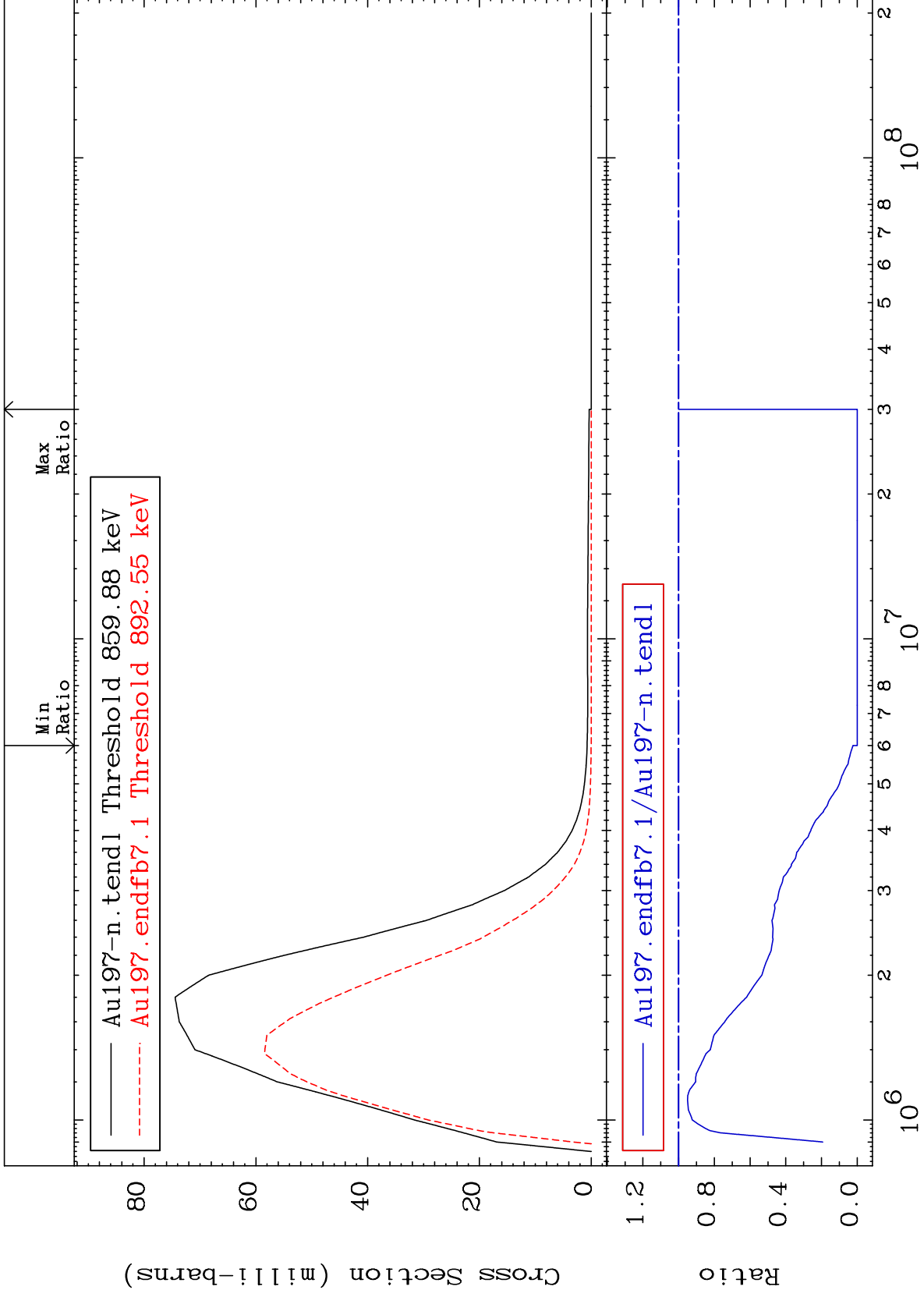
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

855.5 keV (n,n') Level
Cross Section

⁷⁹Au-197
-100.0 To 0.000 %



15

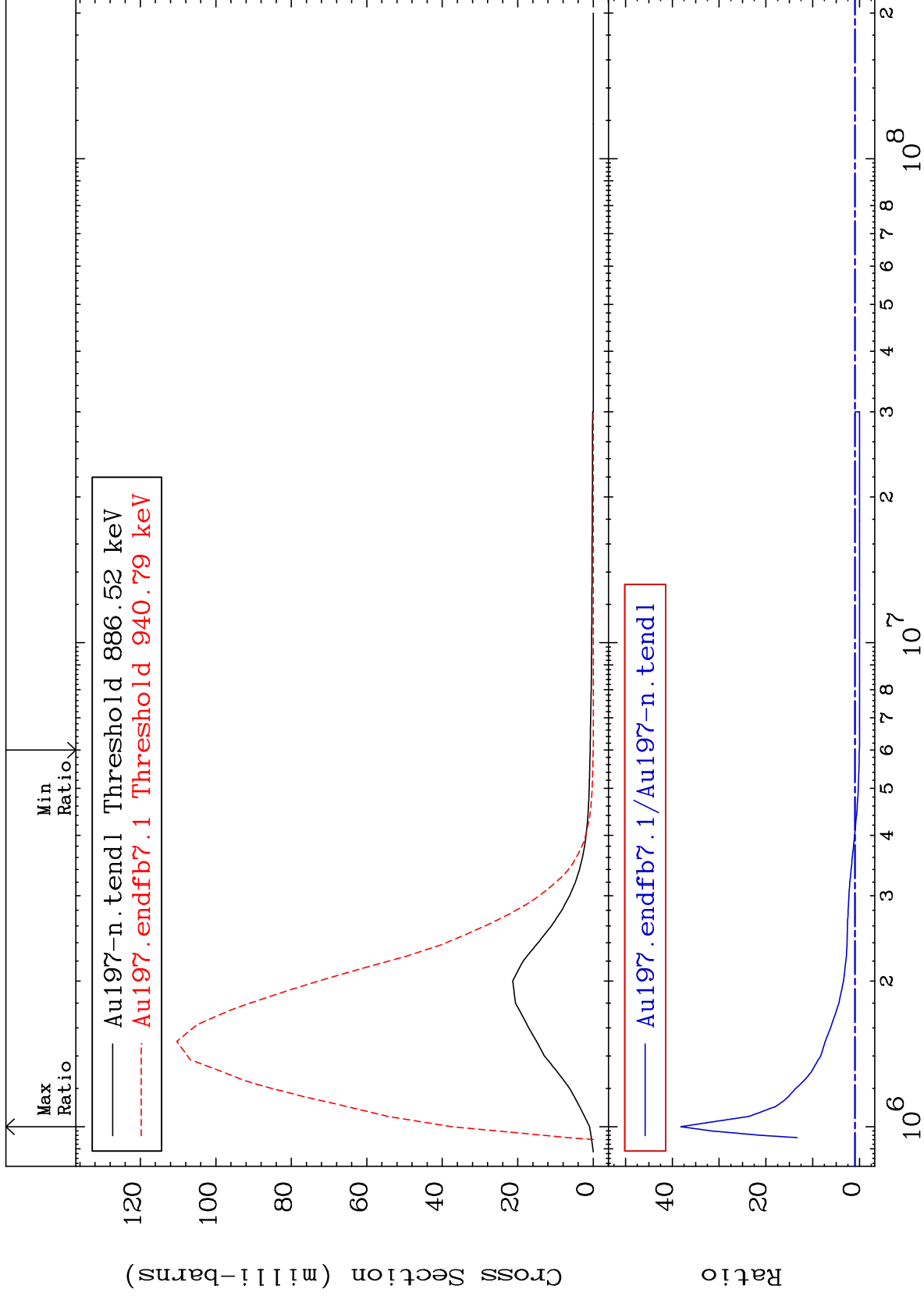
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

882.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-100.0 To 3720. %



16

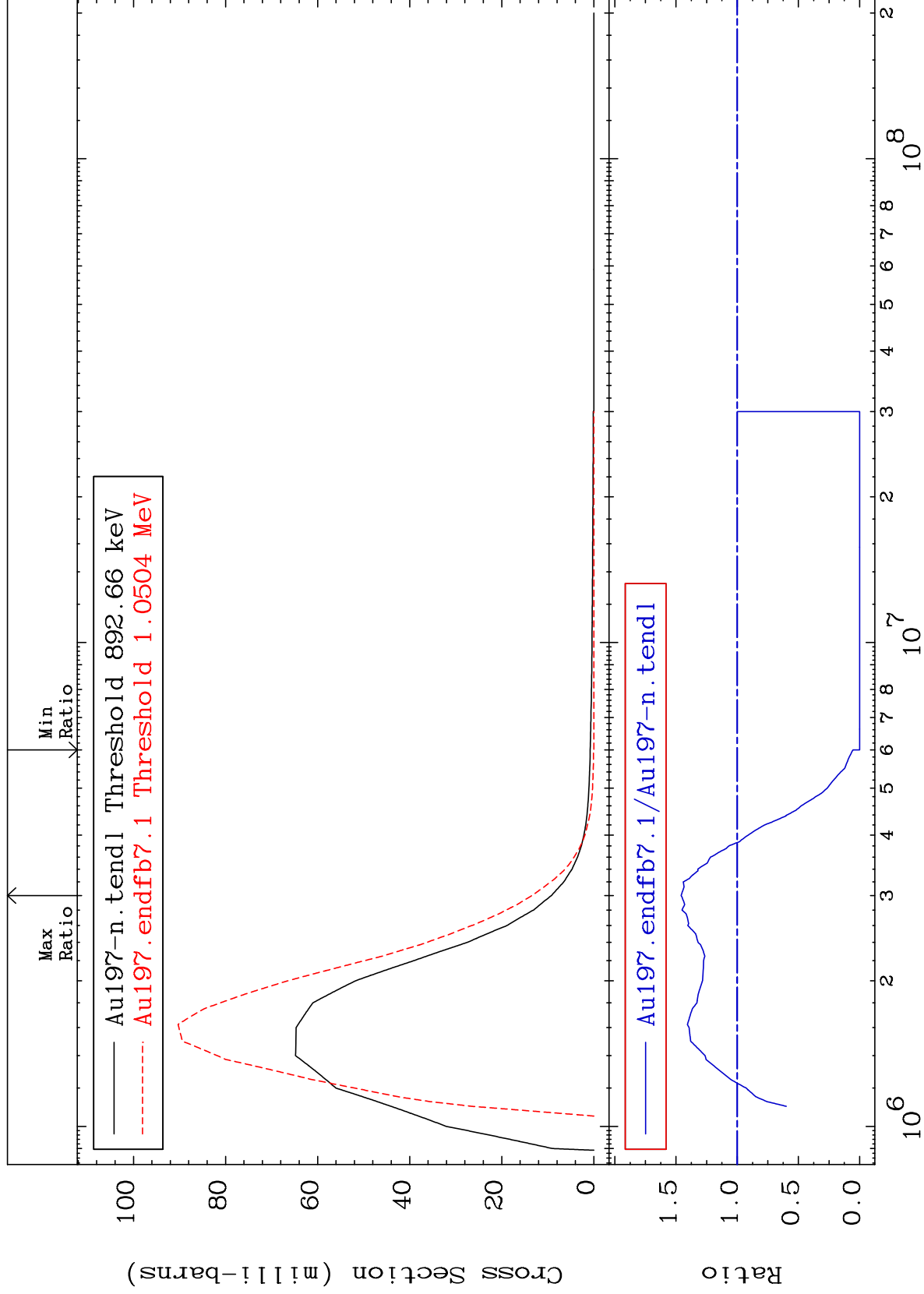
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

888.1 keV (n,n') Level
Cross Section

⁷⁹Au-197
-100.0 To 45.80 %



17

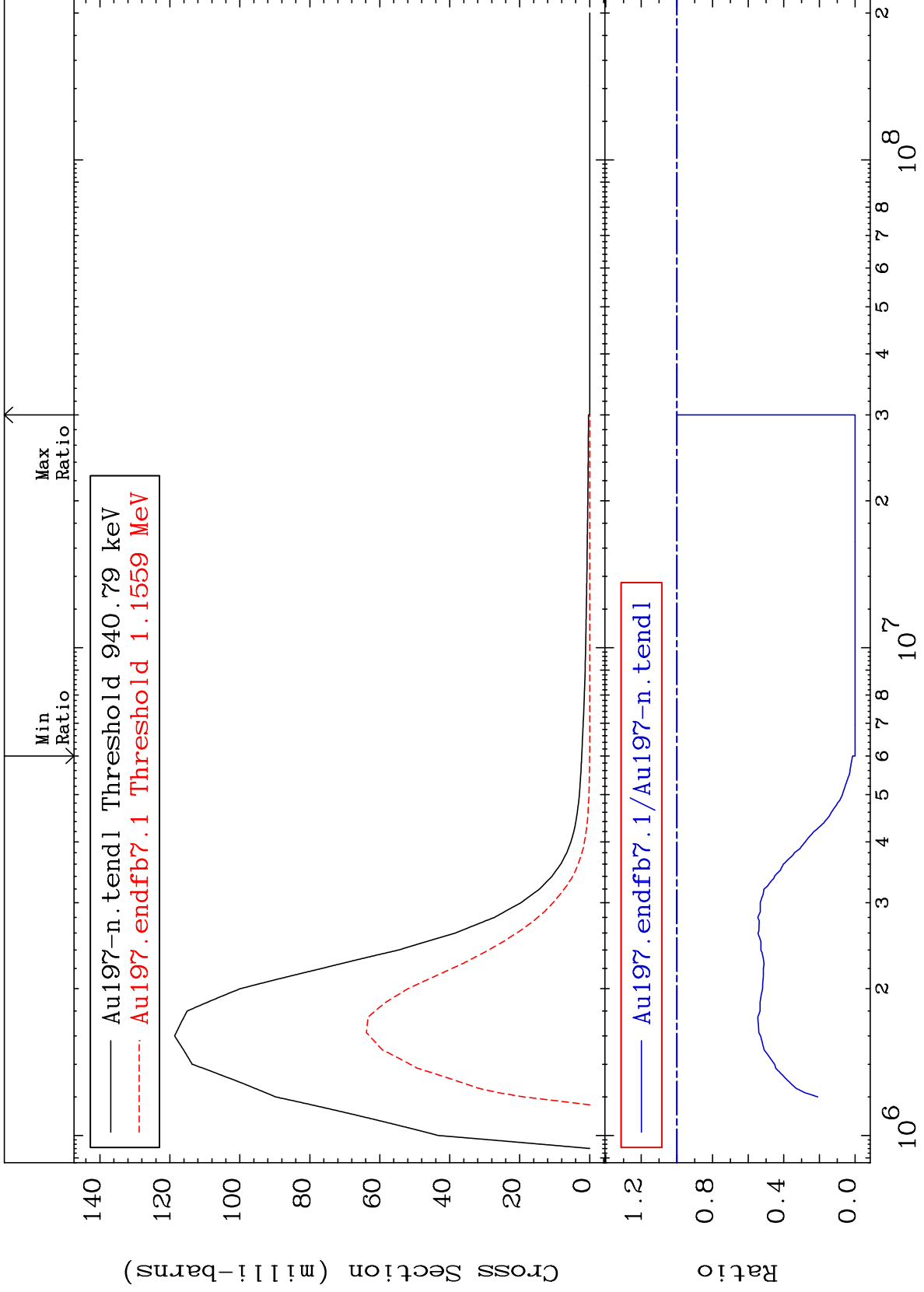
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

936.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-100.0 To 0.000 %



18

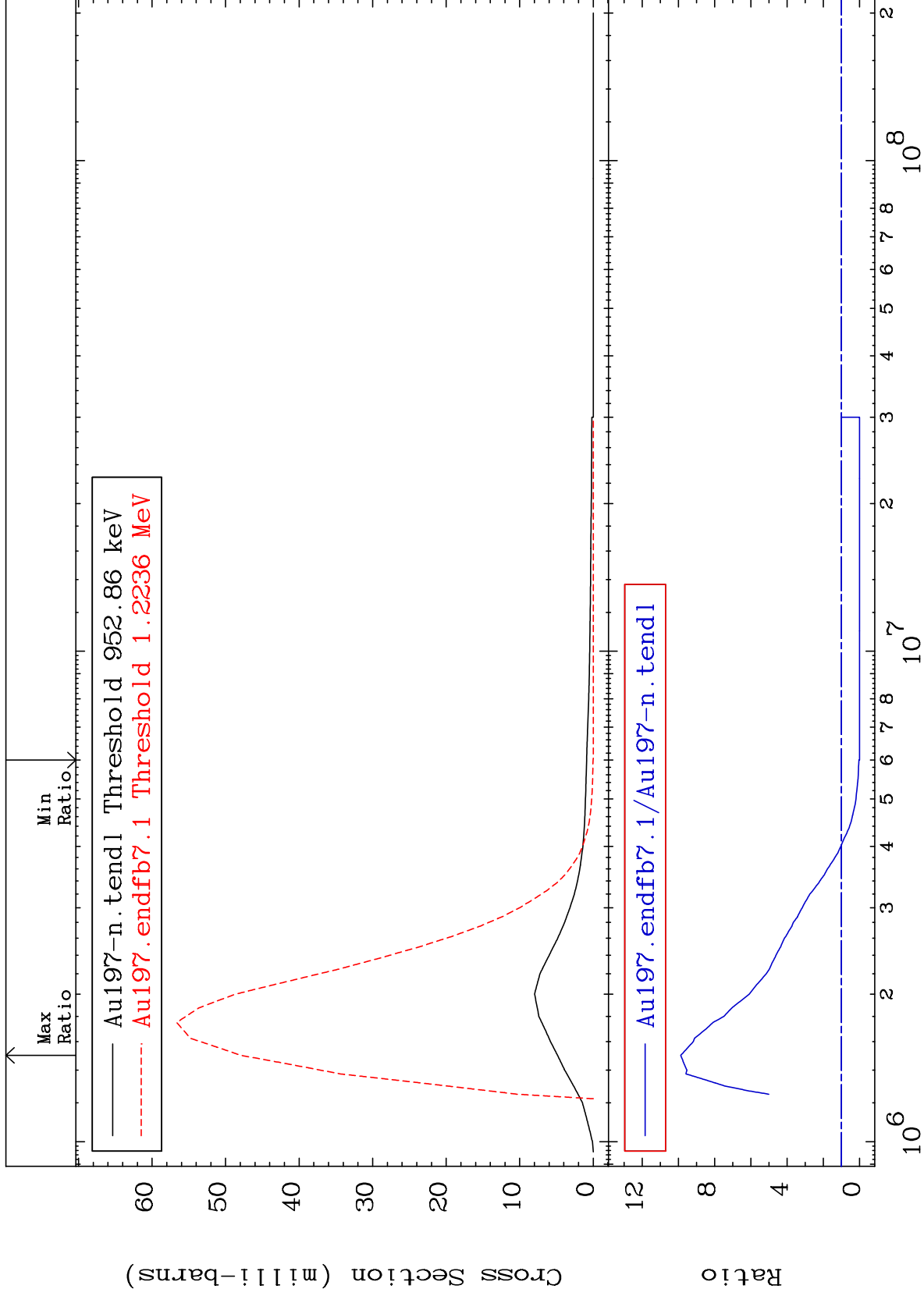
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

948.0 keV (n,n') Level
Cross Section

⁷⁹Au-197
-100.0 To 886.8 %



19

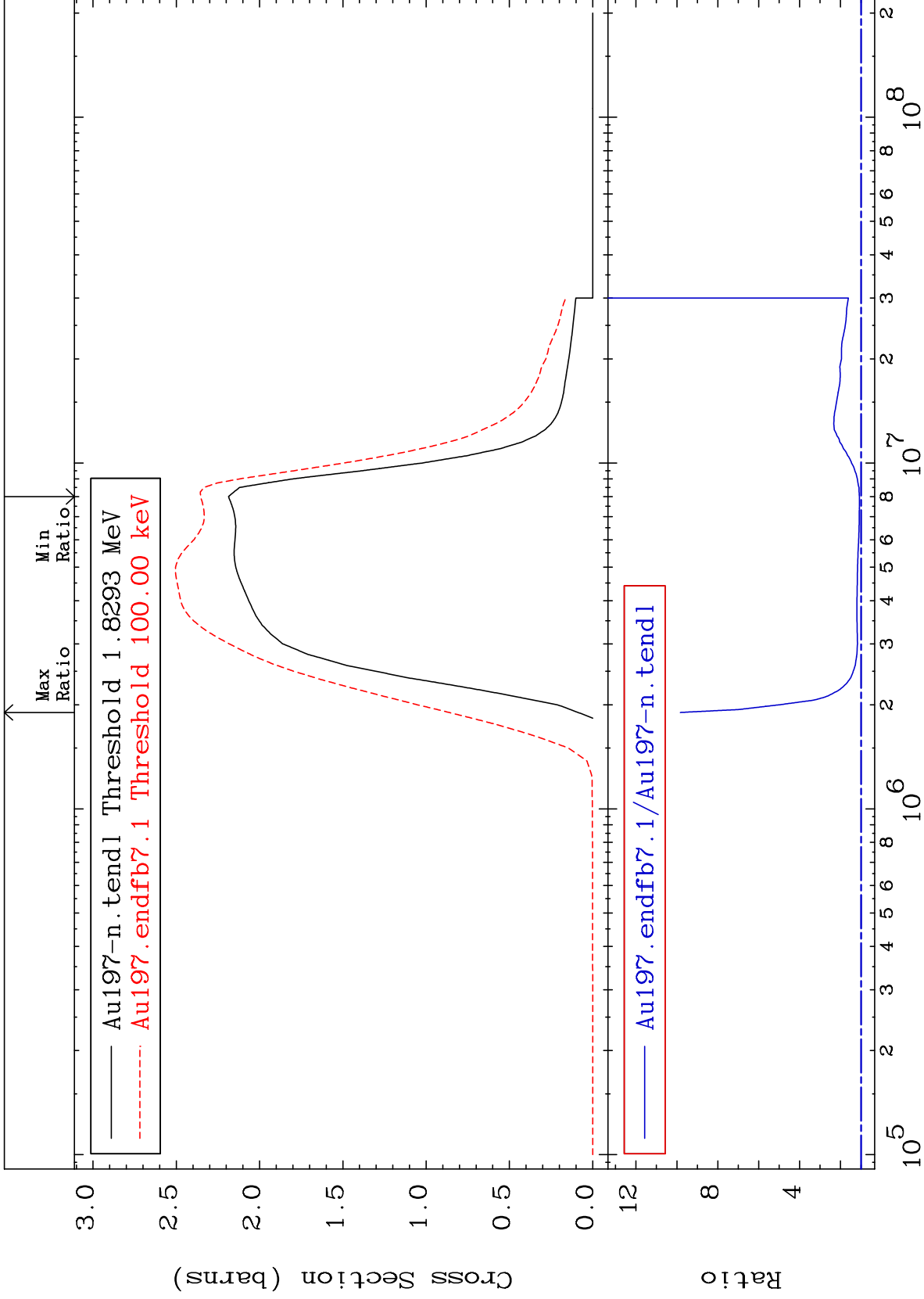
Incident Energy (eV)

⁷⁹Au-197

MAT 7925

(n, n') Continuum
Cross Section

79-Au-197
7.683 To 883.0 %



79-Au-197

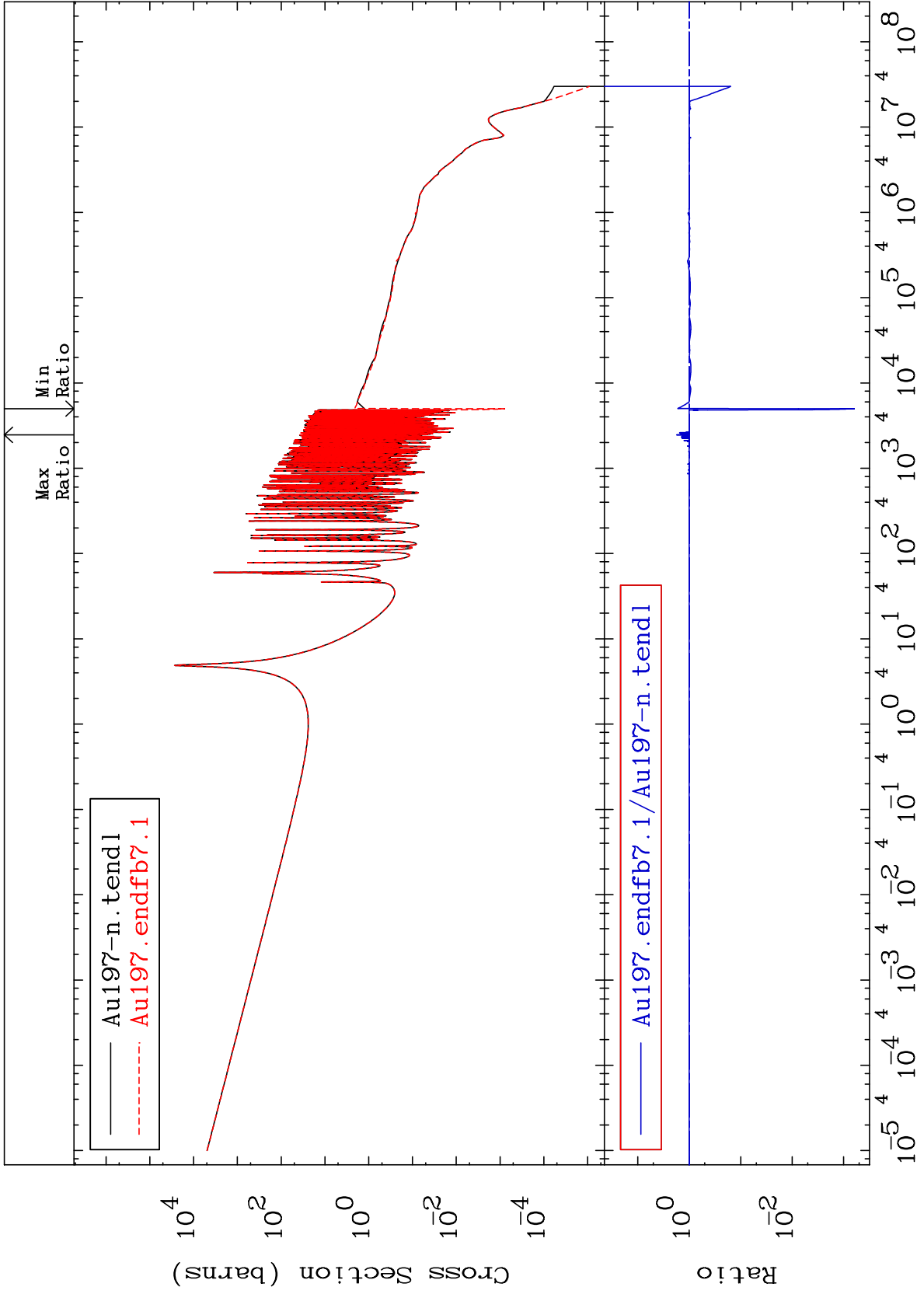
Incident Energy (eV)

20

MAT 7925

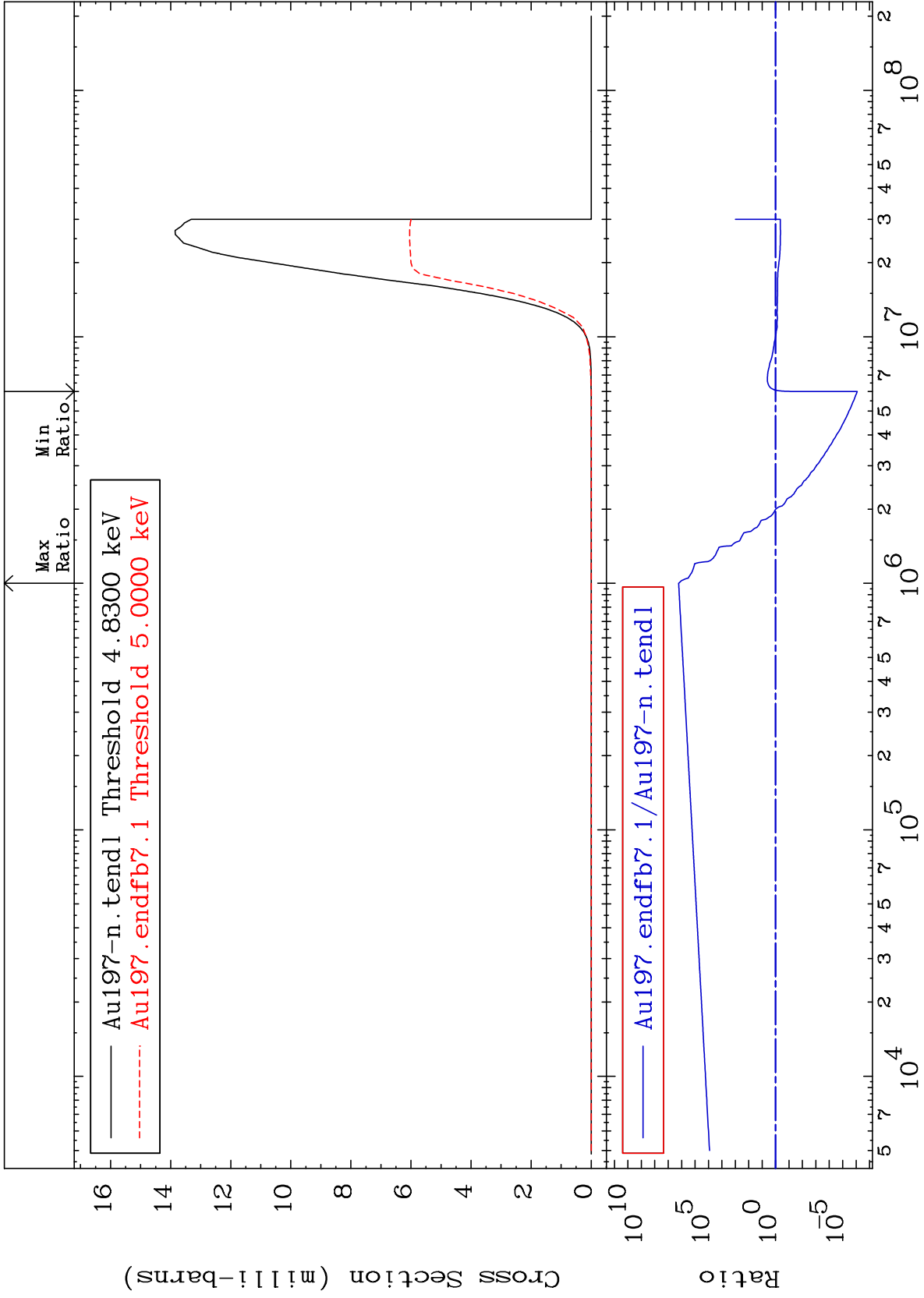
(n, γ)
Cross Section

79-Au-197
-99.94 To 77.90 %



MAT 7925

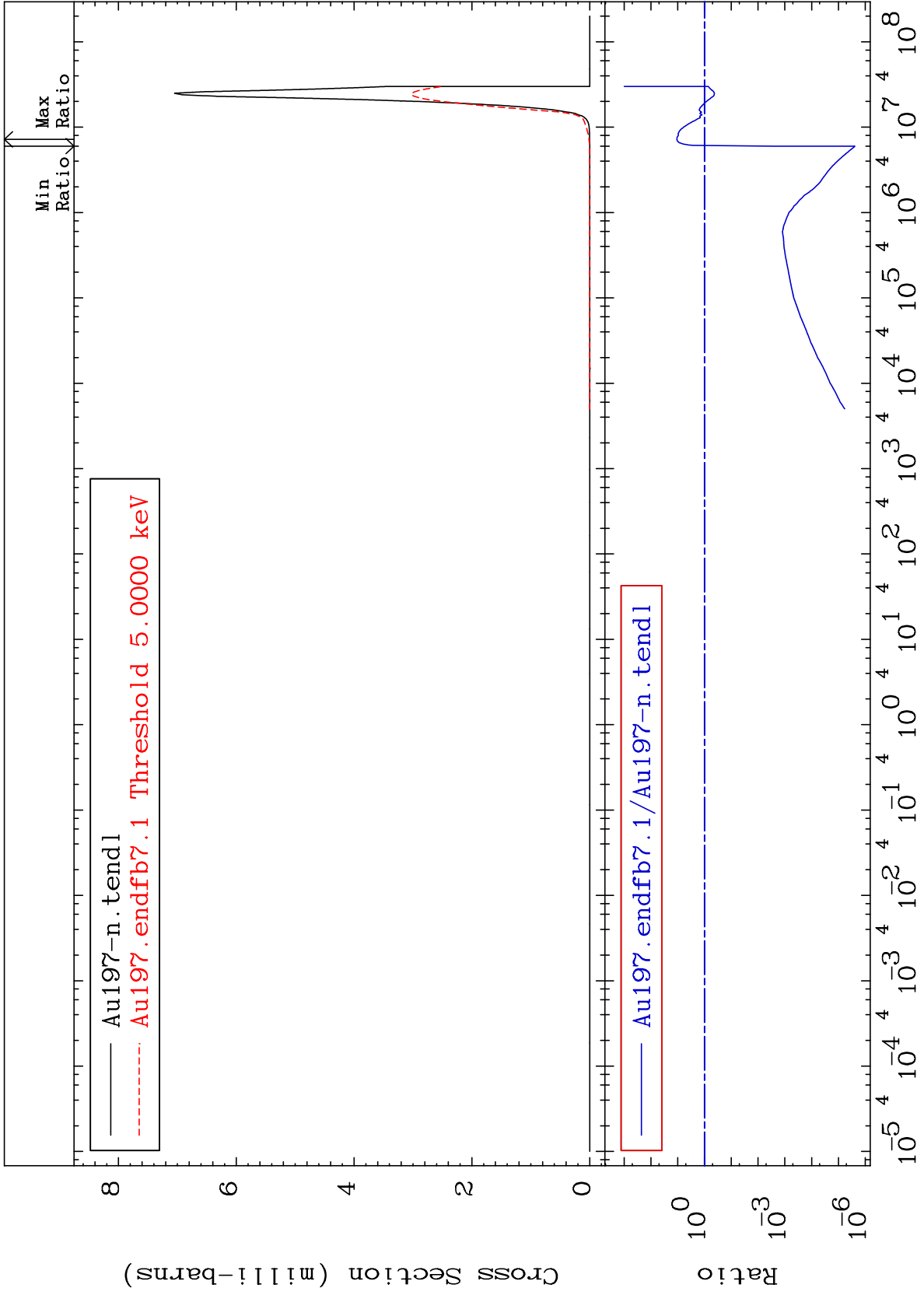
(n, p)
Cross Section
79-Au-197
-100.0 To 9999. %

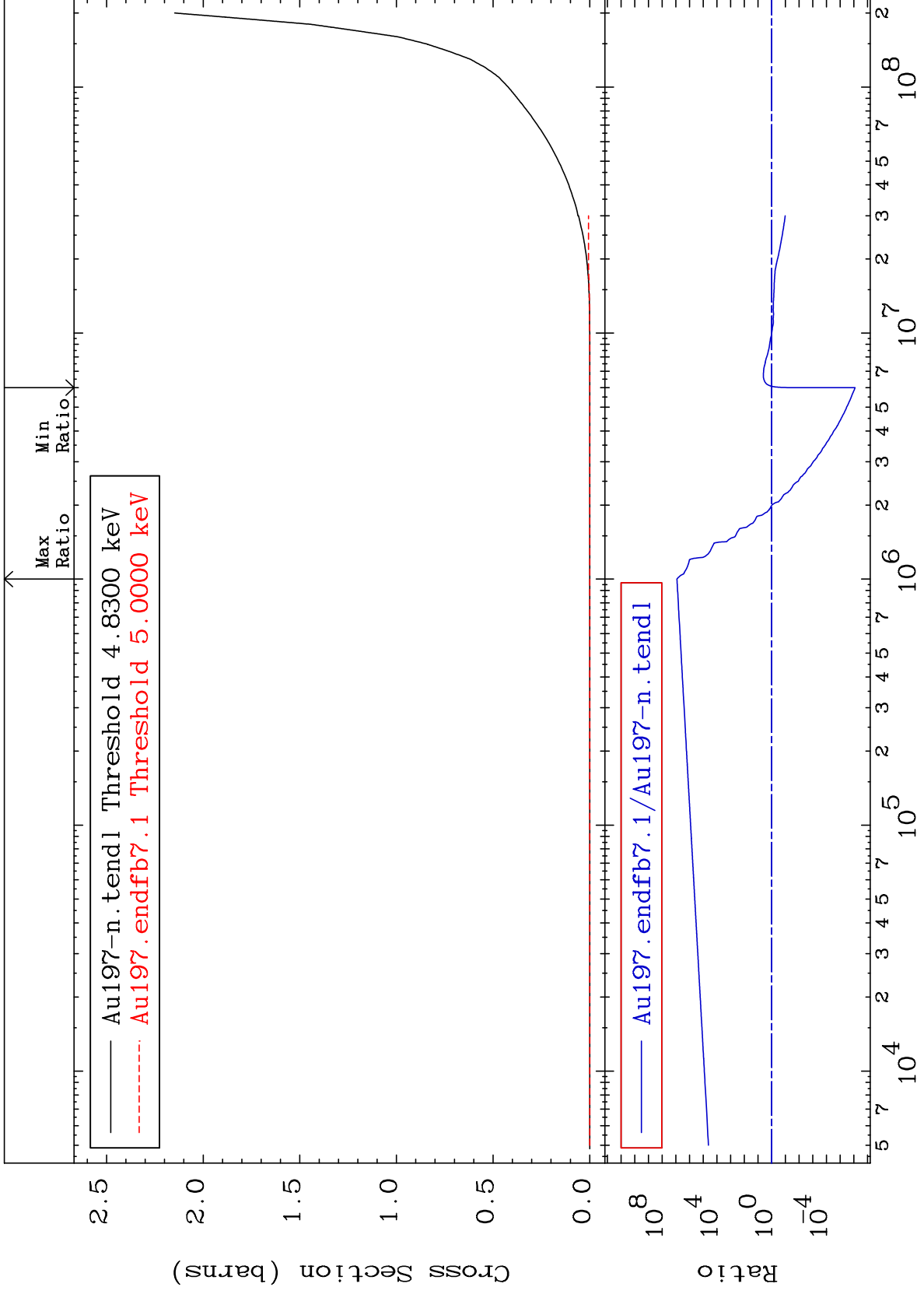


MAT 7925

(n, α)
Cross Section

79-Au-197
-100.0 To 974.1 %

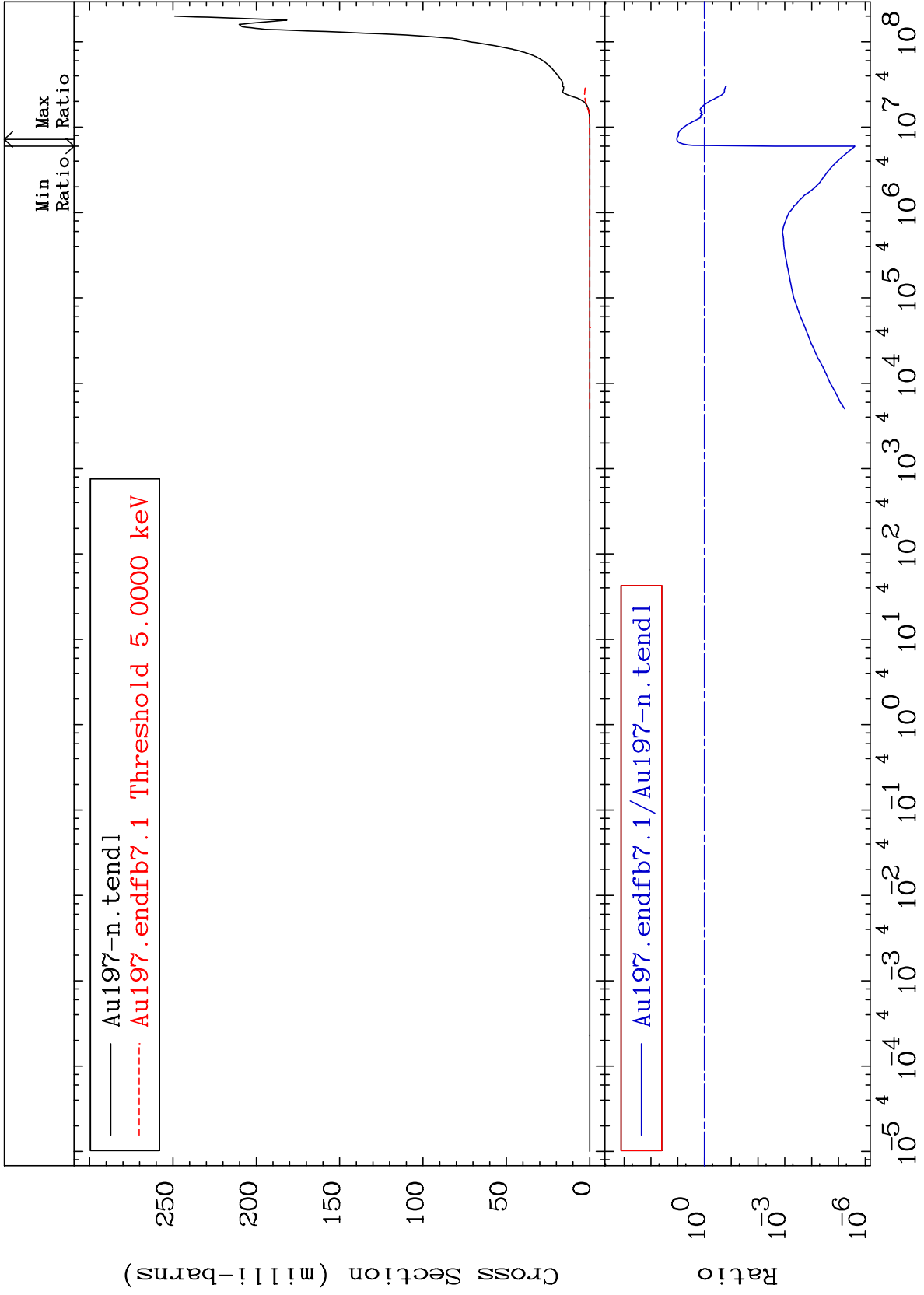




MAT 7925

He-4 Production
Cross Section

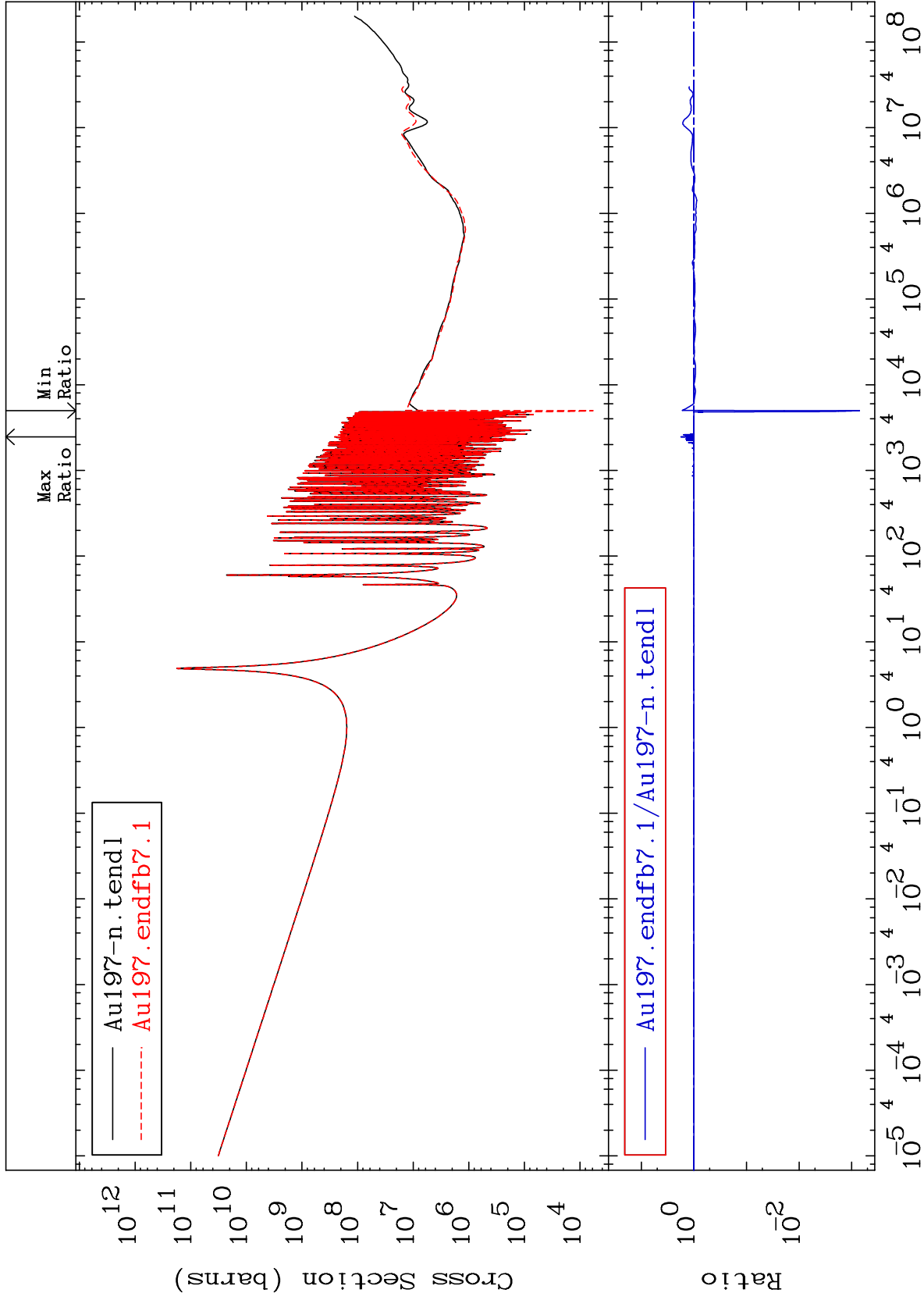
79-Au-197
-100.0 To 973.0 %



25

Incident Energy (eV)

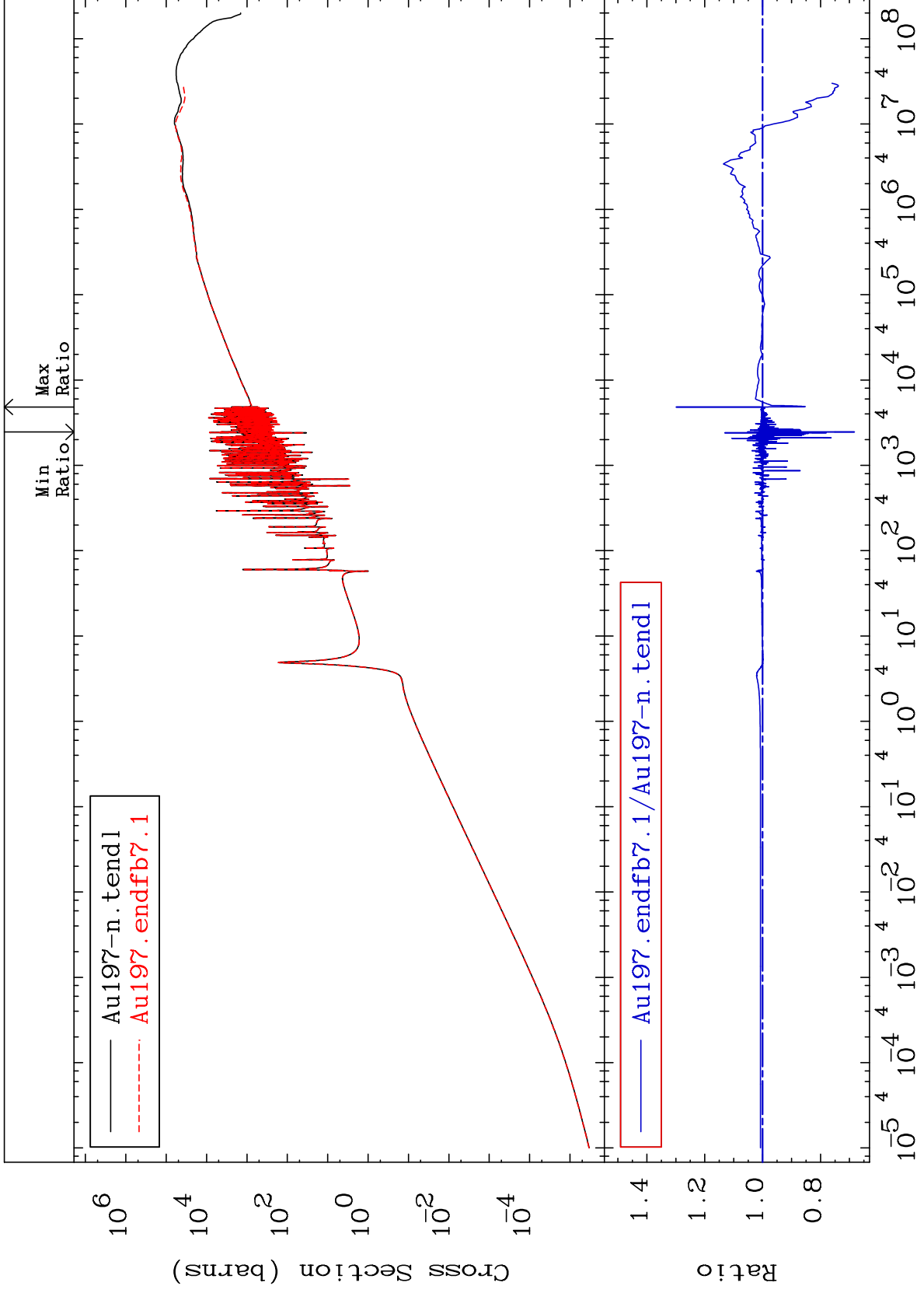
79-Au-197



MAT 7925

Kerma elastic
Cross Section

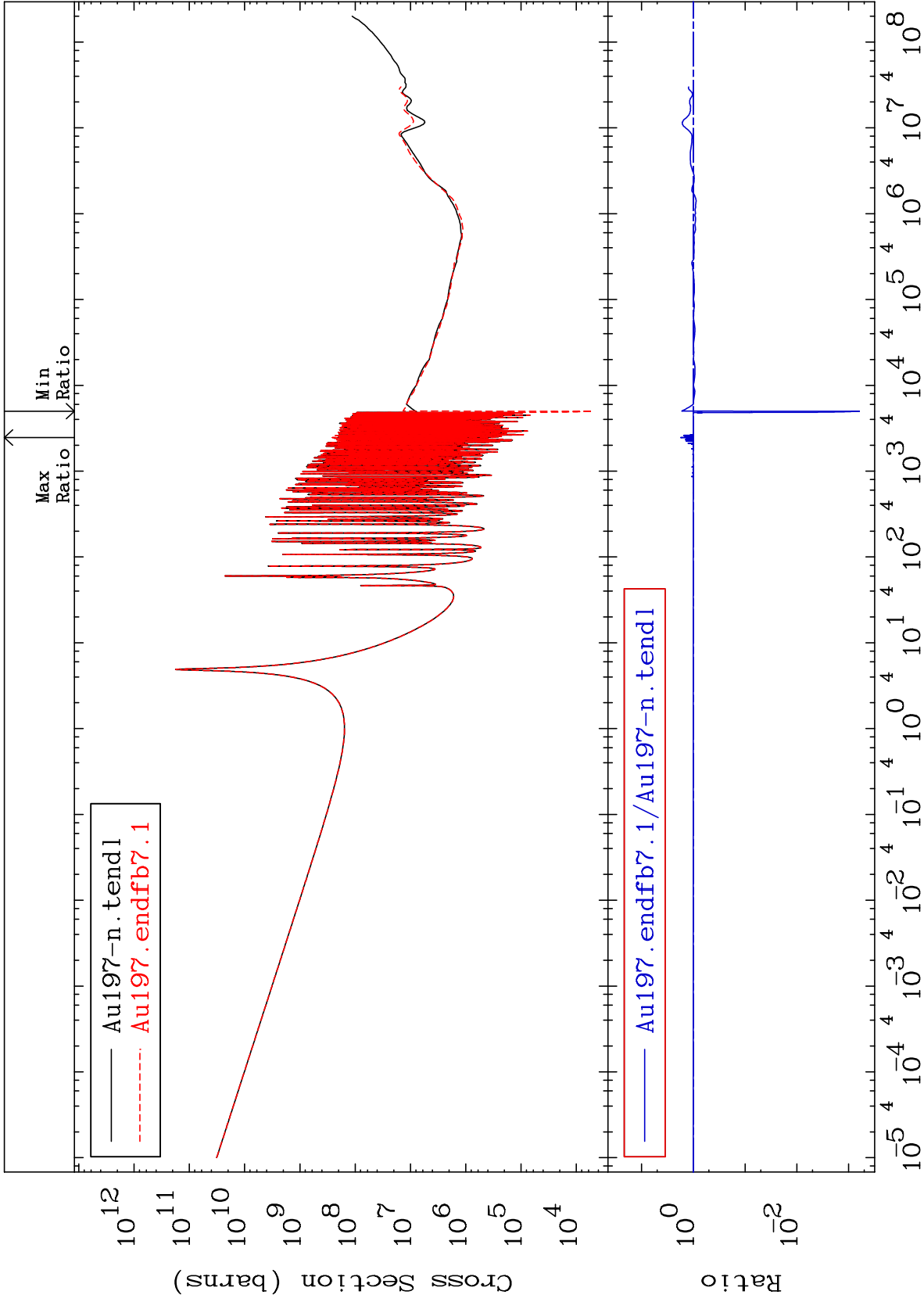
79-Au-197
-31.69 To 29.81 %

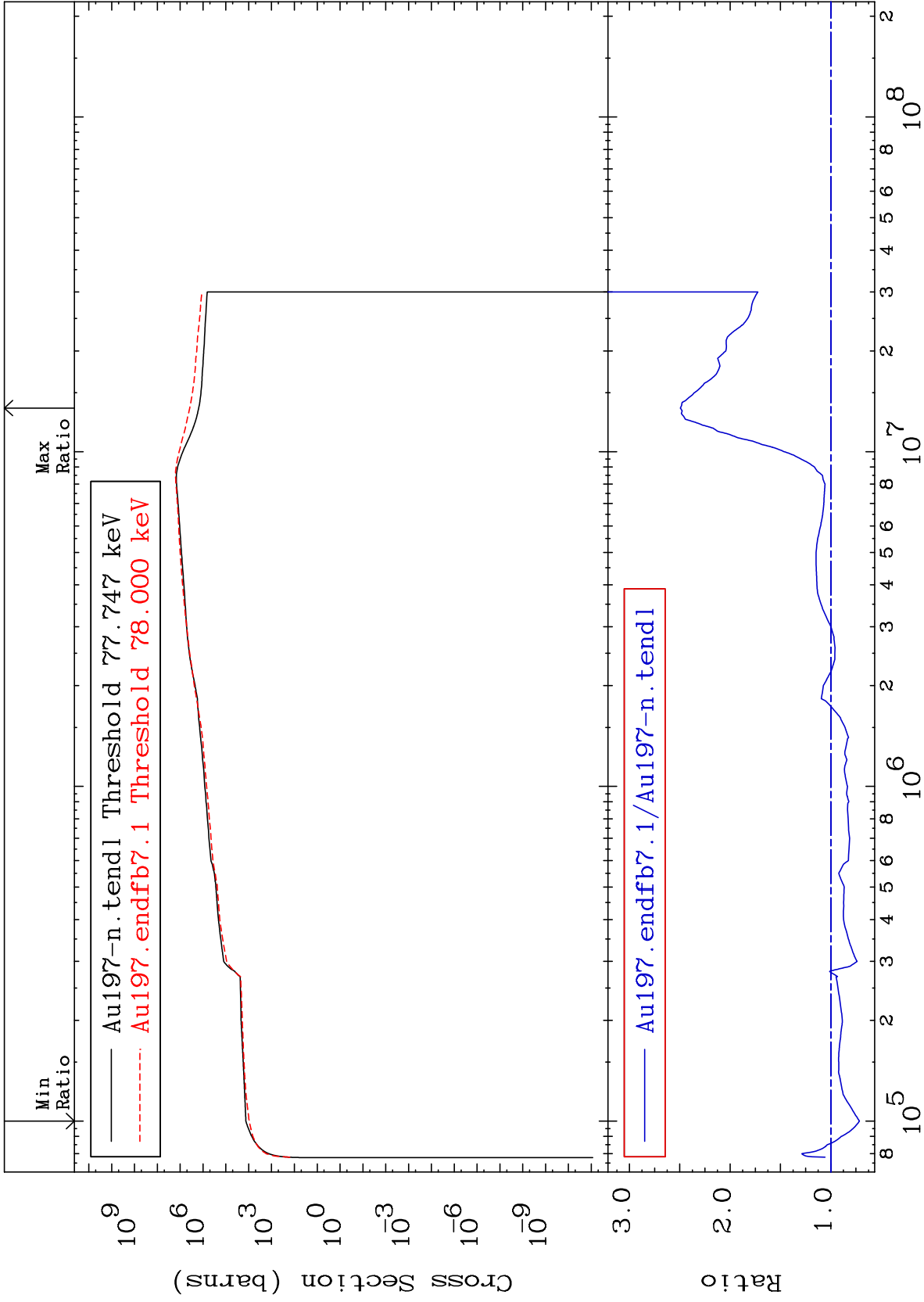


27

Incident Energy (eV)

79-Au-197

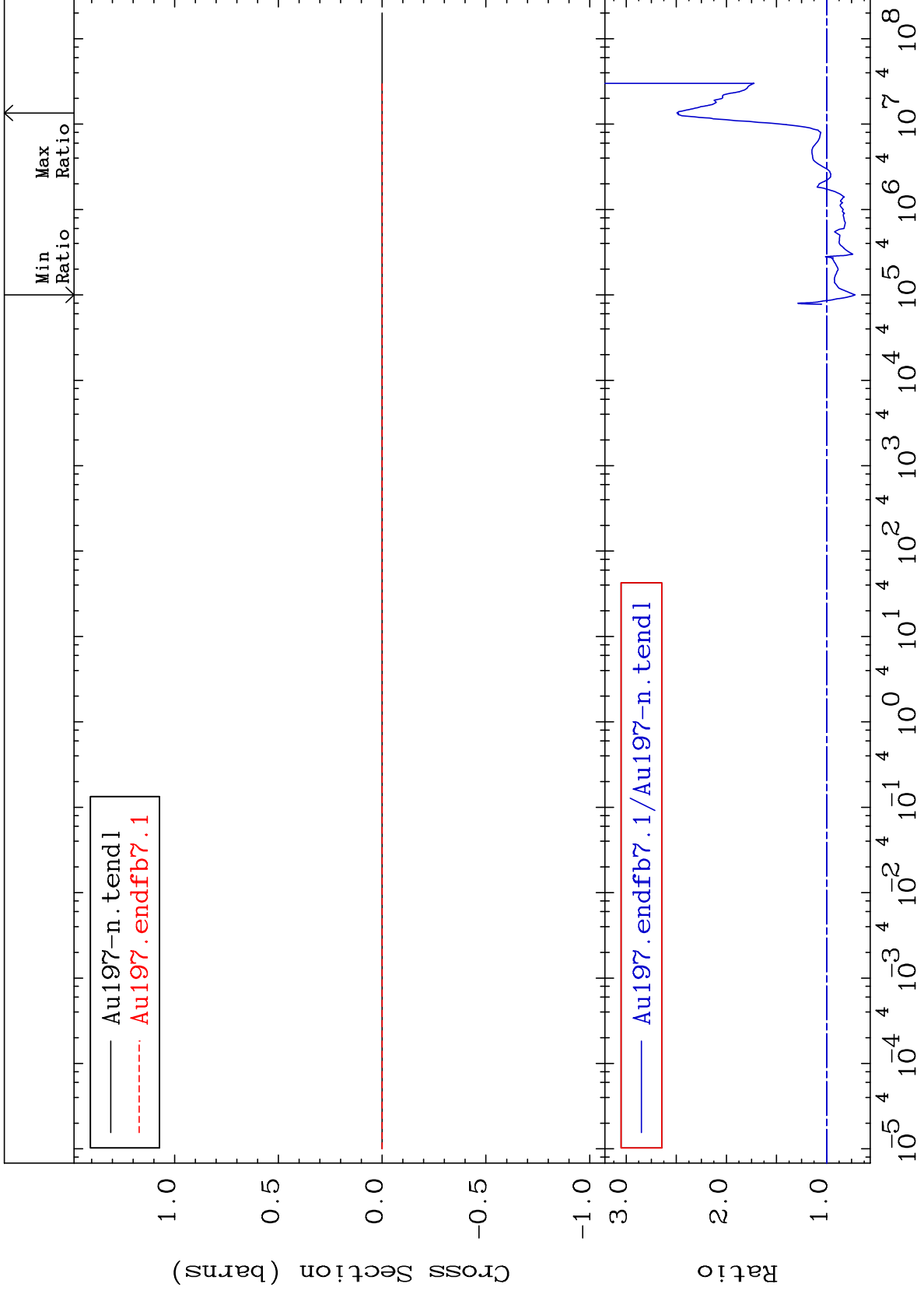


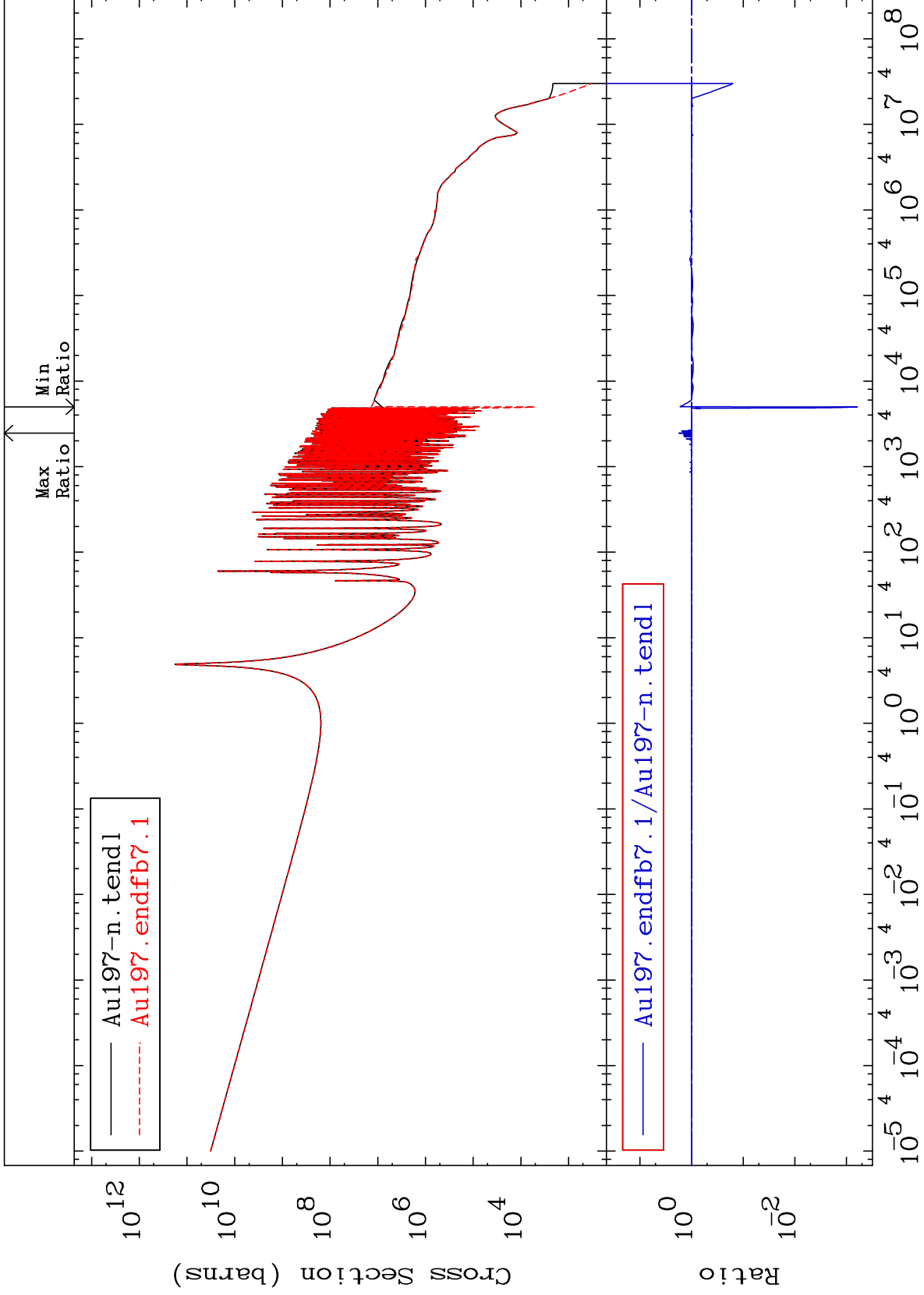


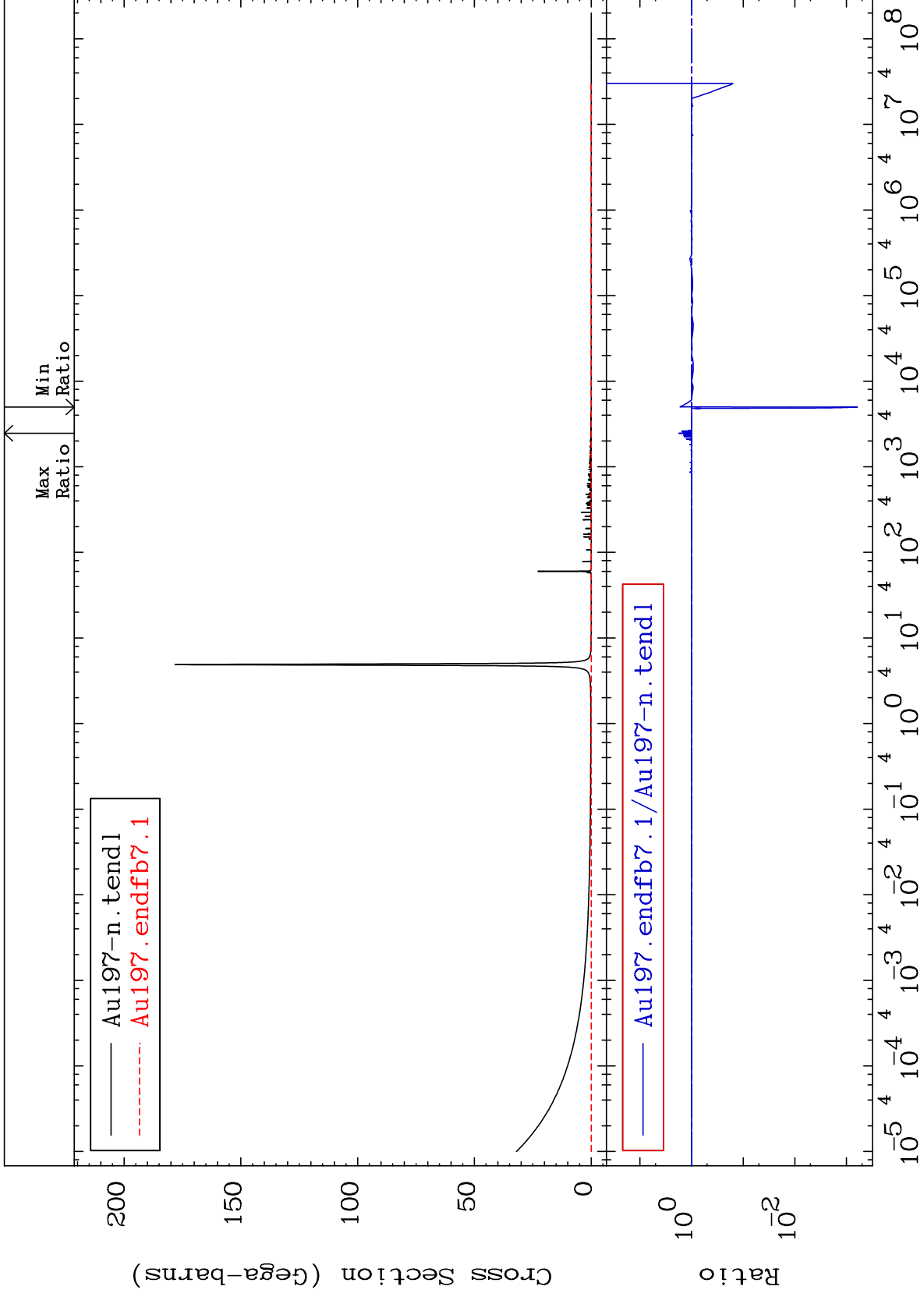
MAT 7925

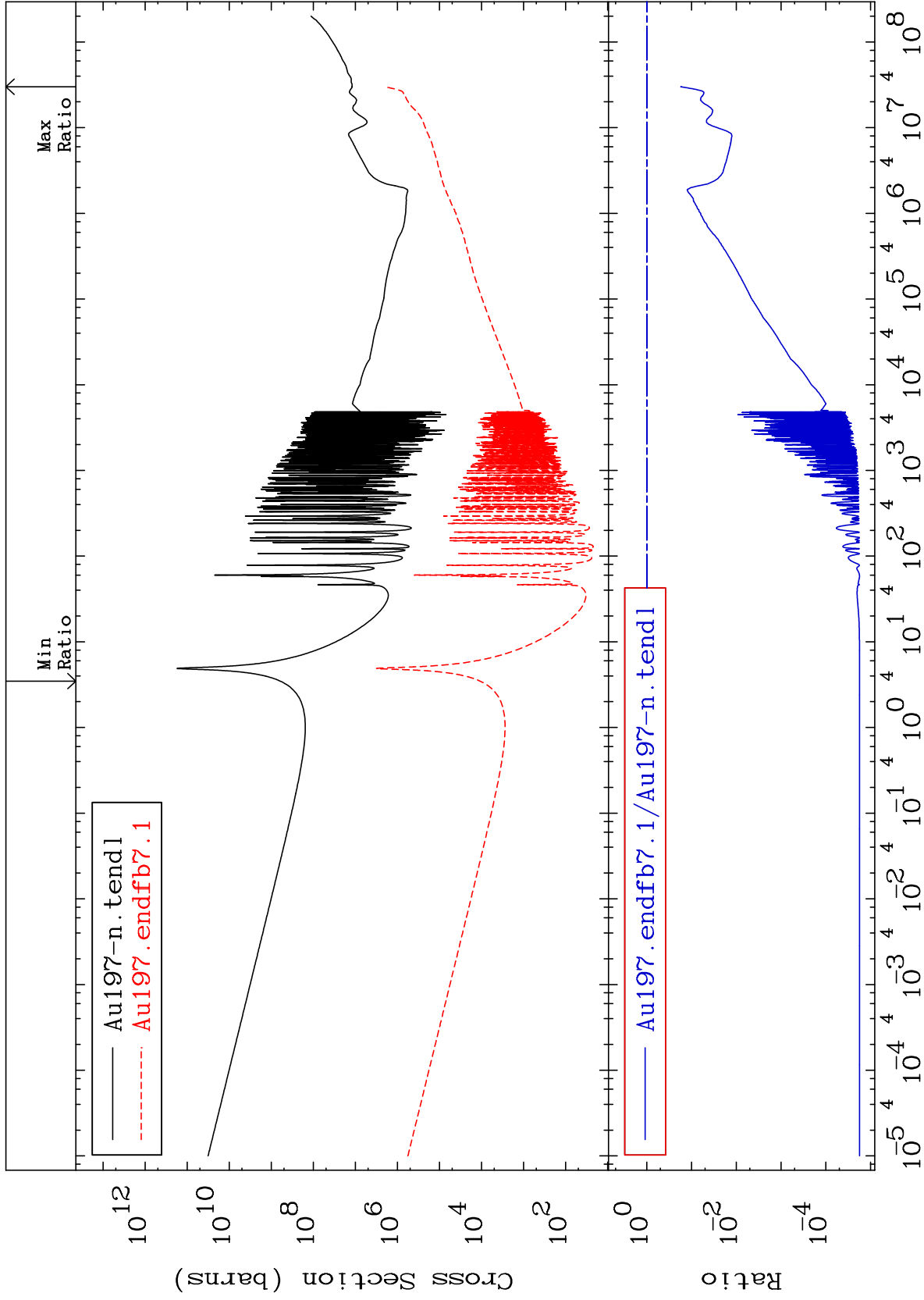
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

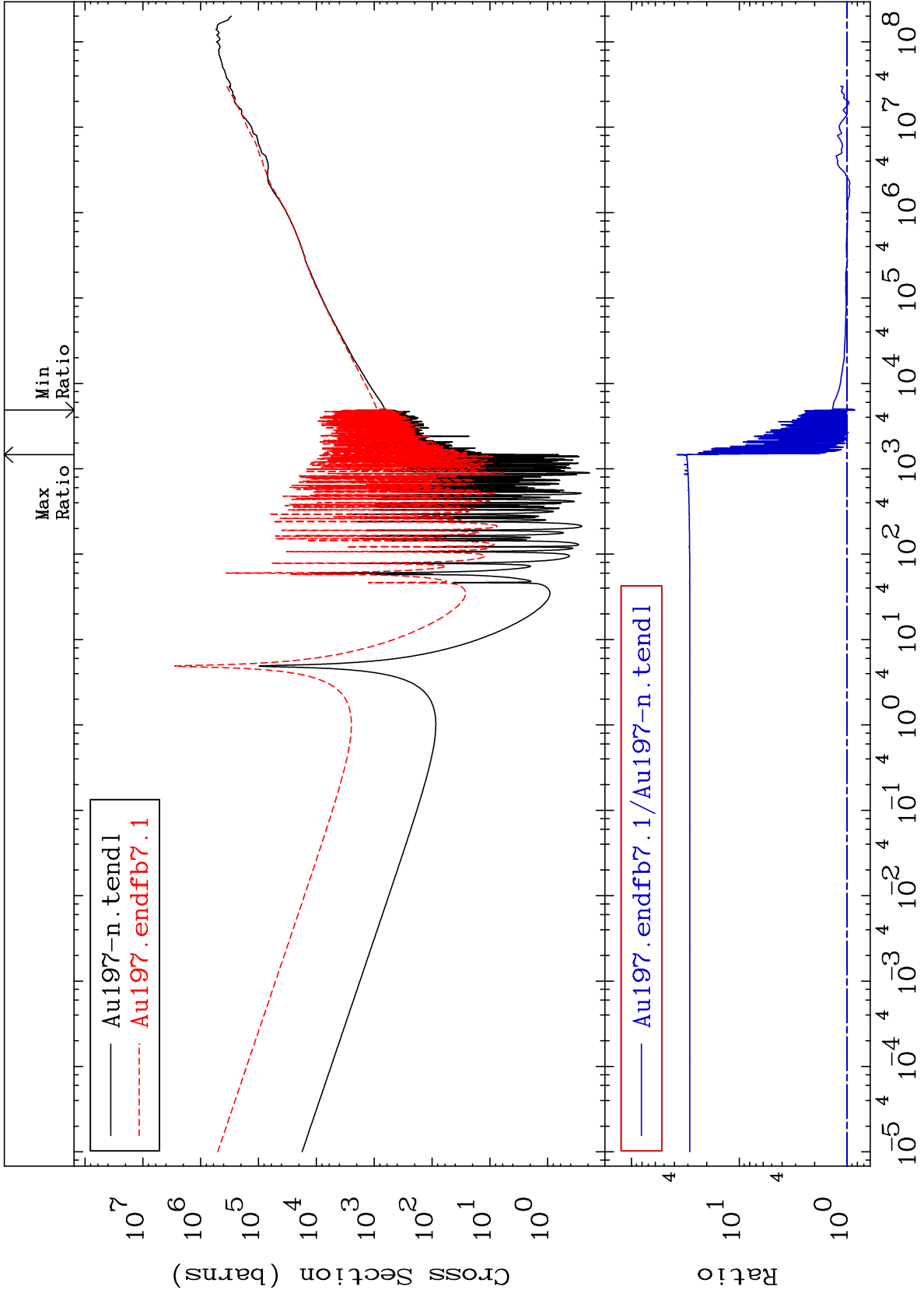
79-Au-197
-28.44 To 149.4 %







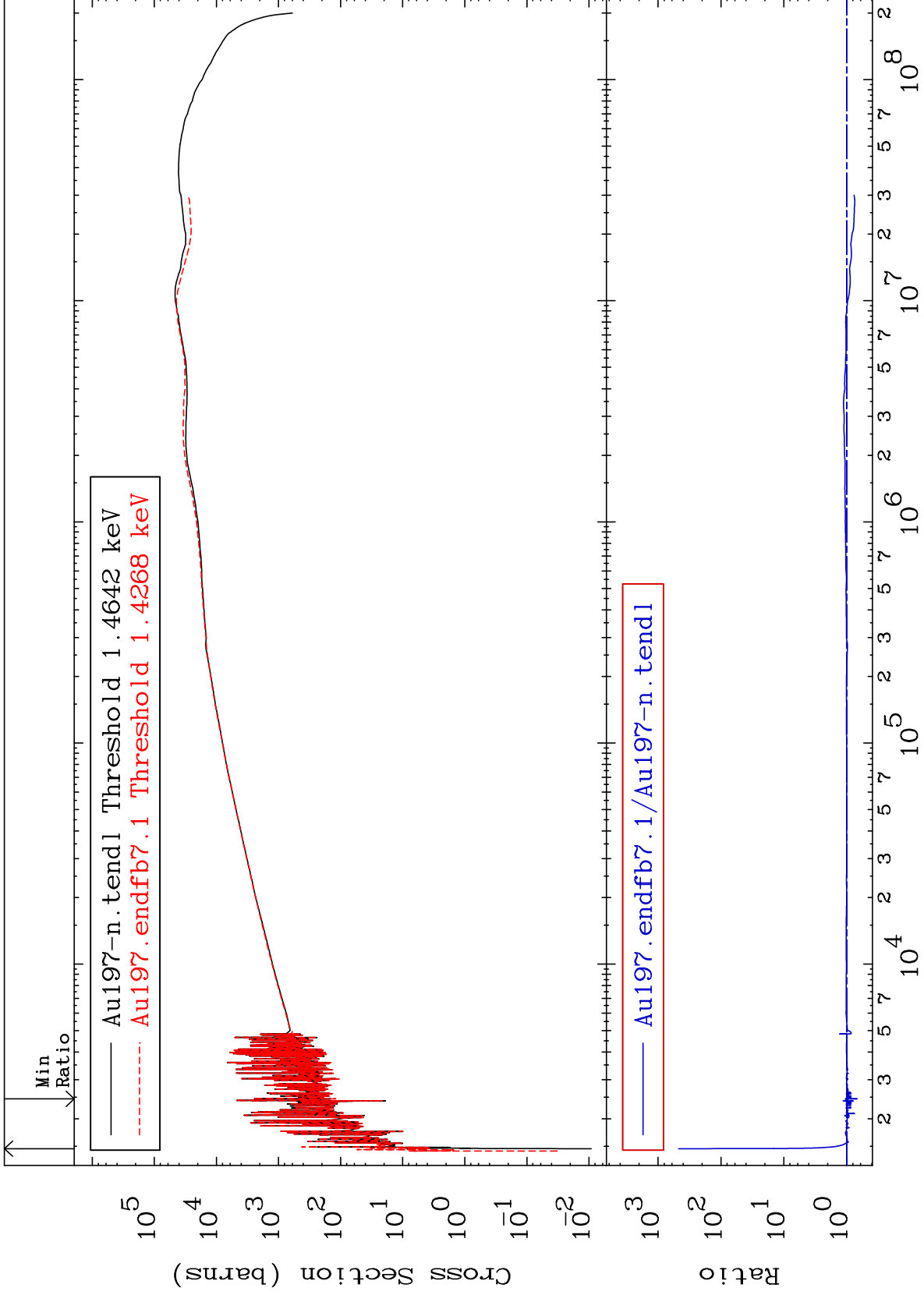




MAT 7925

Dpa elastic (mt2)
Cross Section

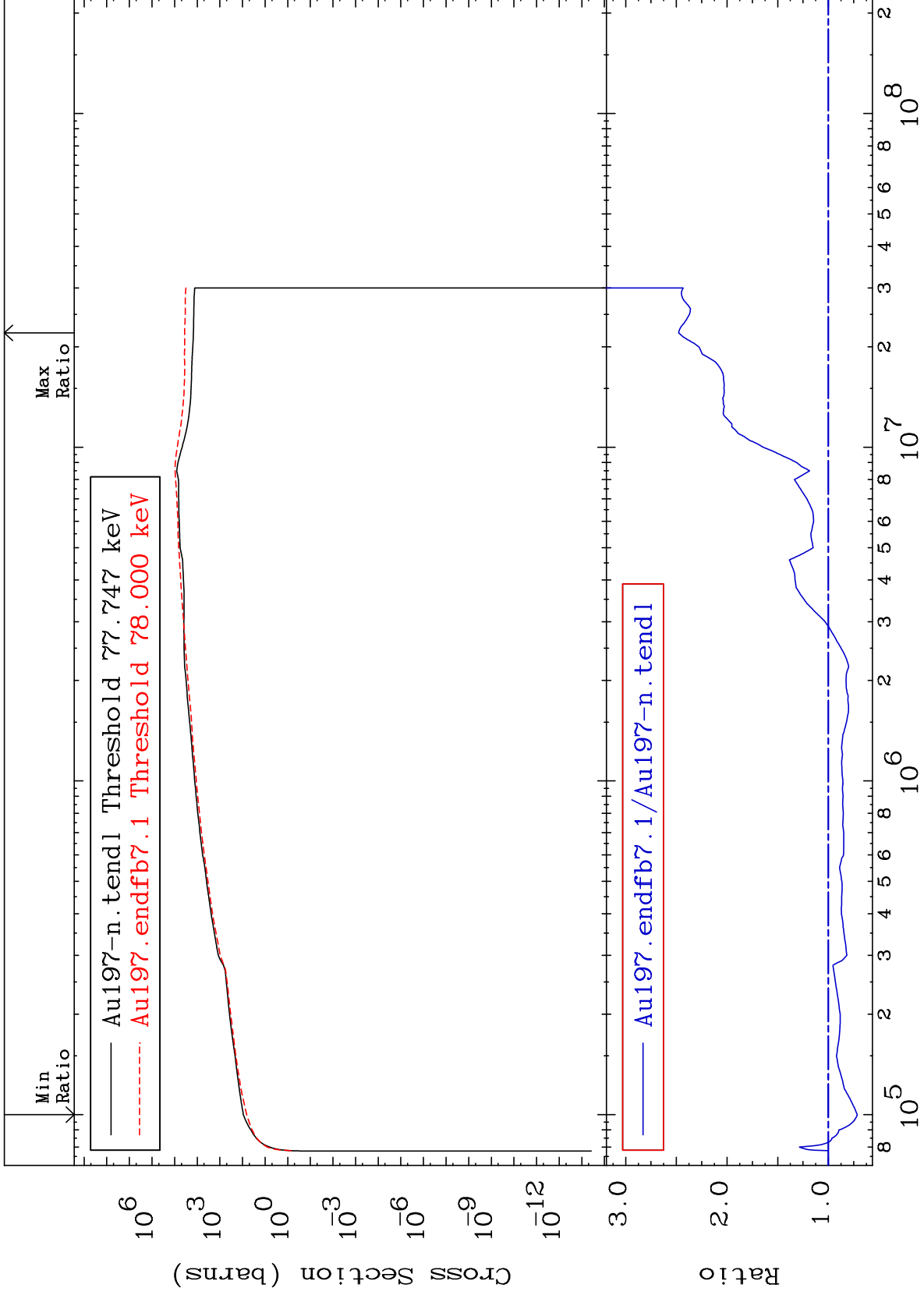
79-Au-197
-31.98 To 9999. %



MAT 7925

Dpa inelastic (mt51-91)
Cross Section

79-Au-197
-28.51 To 147.8 %



36

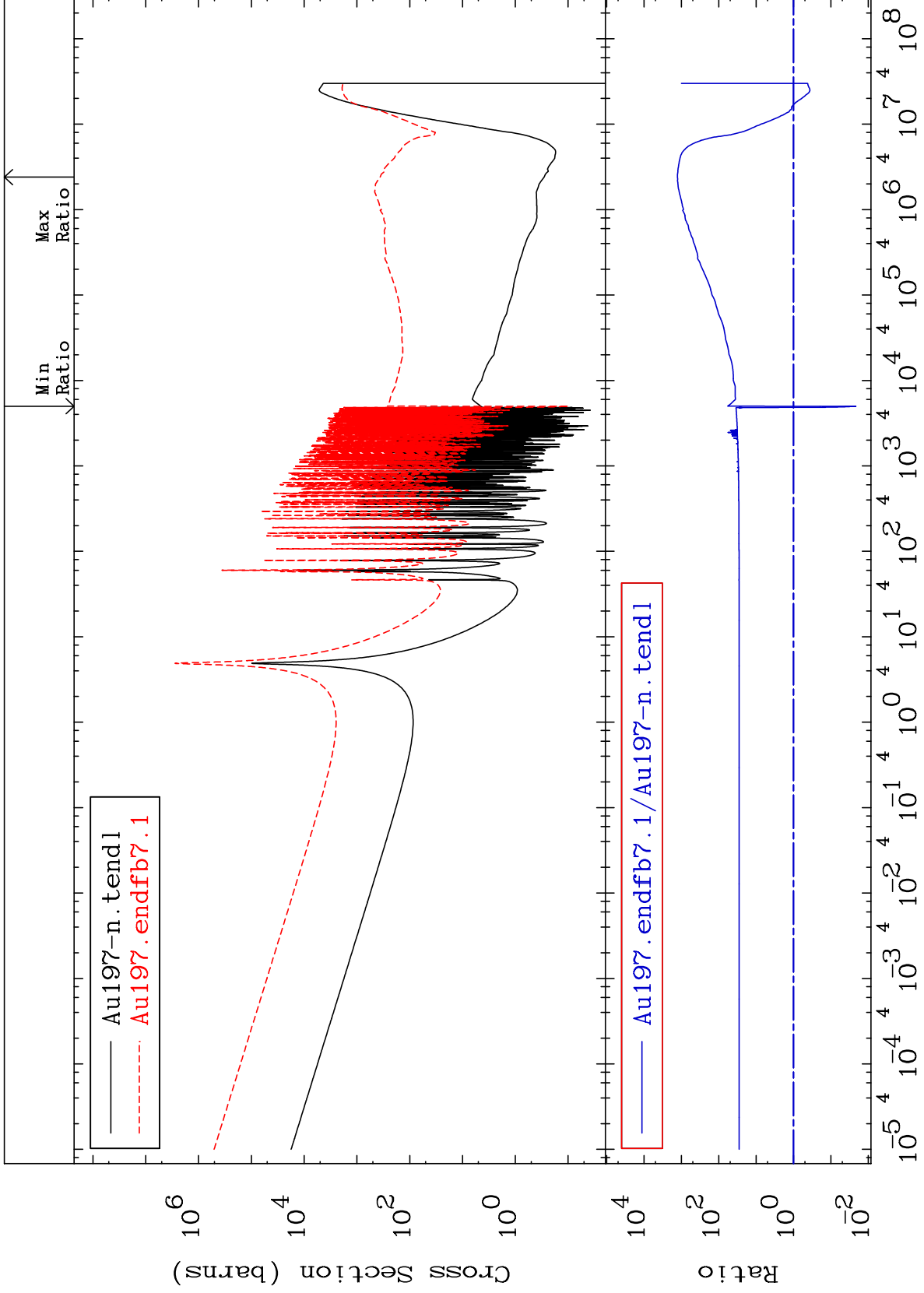
Incident Energy (eV)

79-Au-197

MAT 7925

Dpa disappearance (mt102 -120)
Cross Section

79-Au-197
-97.83 To 9999. %



37

Incident Energy (eV)

79-Au-197