

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

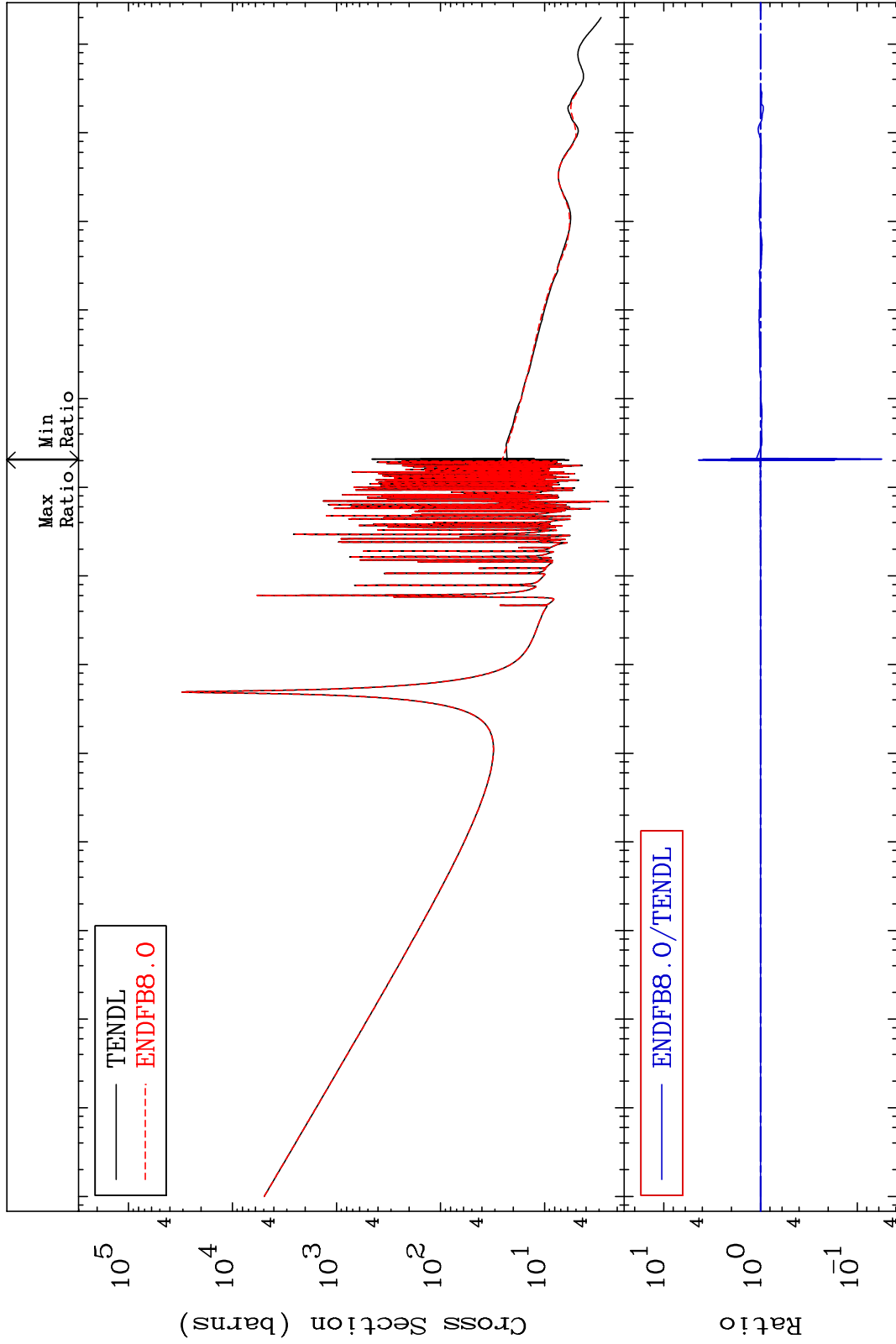
MAT 7925

Total

79-Au-197

Cross Section

-94.38 To 339.6 %



79-Au-197

Incident Energy (eV)

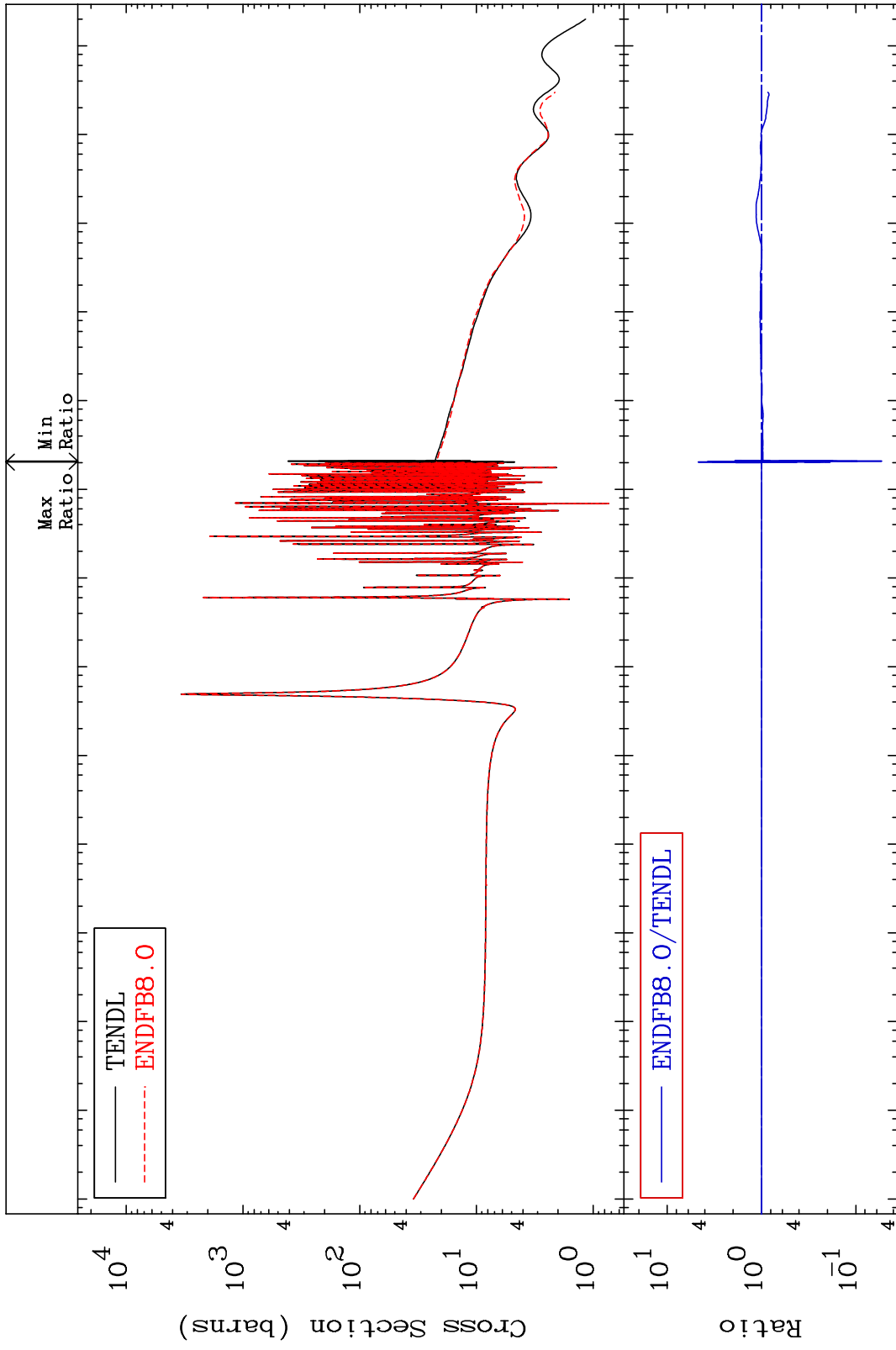
MAT 7925

Elastic

Cross Section

79-Au-197

-94.66 To 369.7 %



Incident Energy (eV)

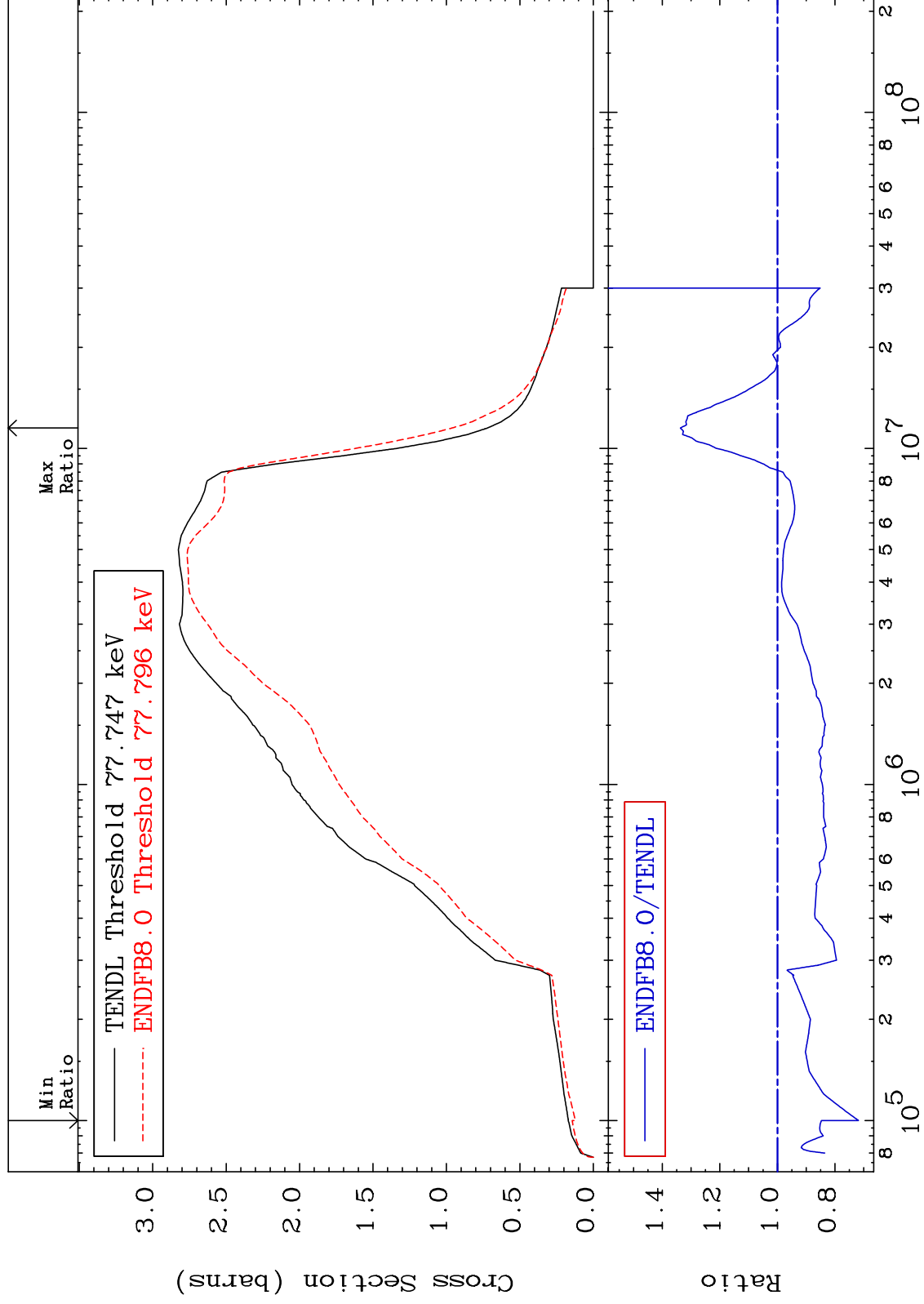
79-Au-197

2

MAT 7925

Inelastic
Cross Section

79-Au-197
-28.20 To 33.70 %



3

Incident Energy (eV)

79-Au-197

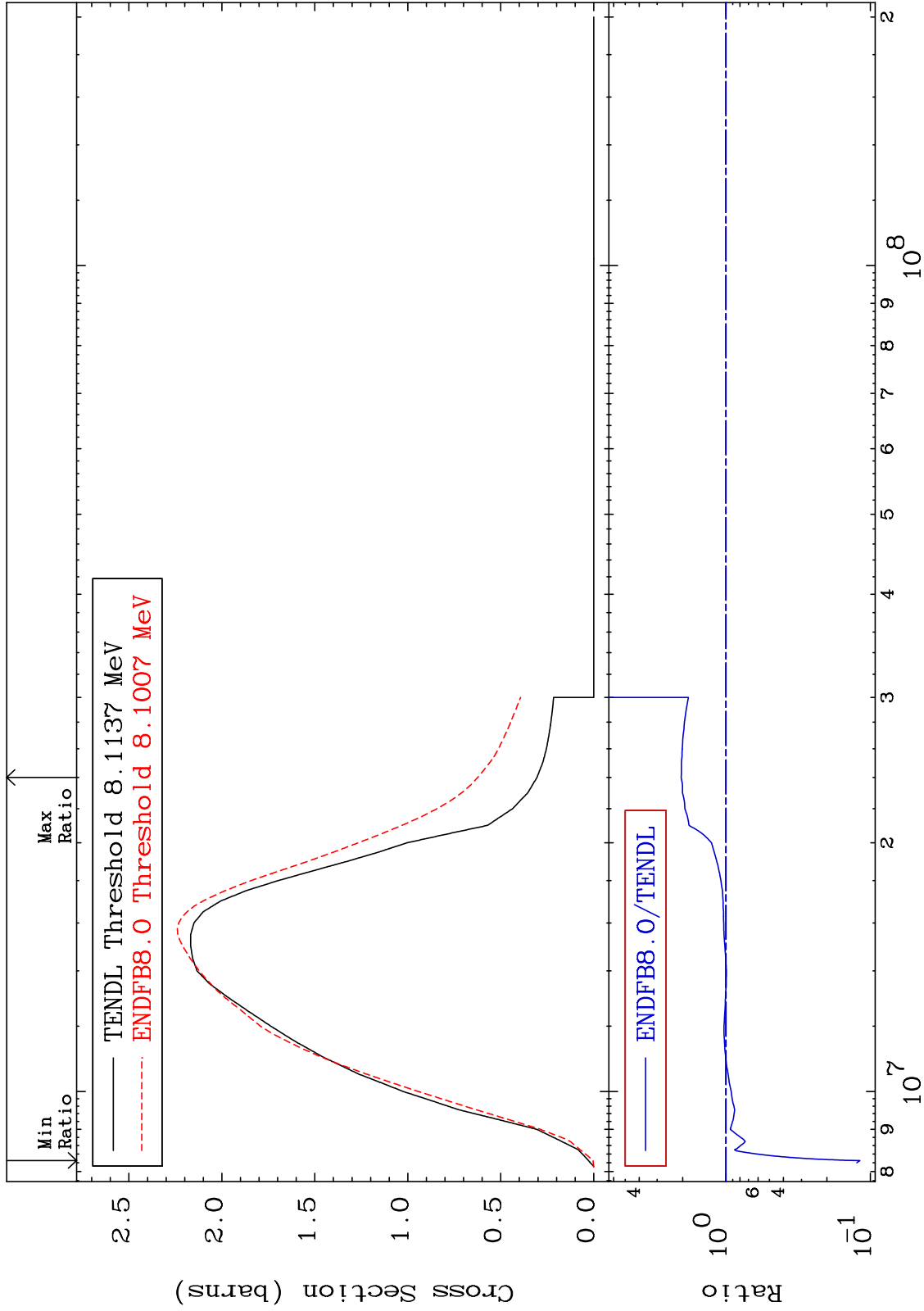
MAT 7925

(n,2n)

79-Au-197

Cross Section

-88.18 To 104.4 %



4

Incident Energy (eV)

79-Au-197

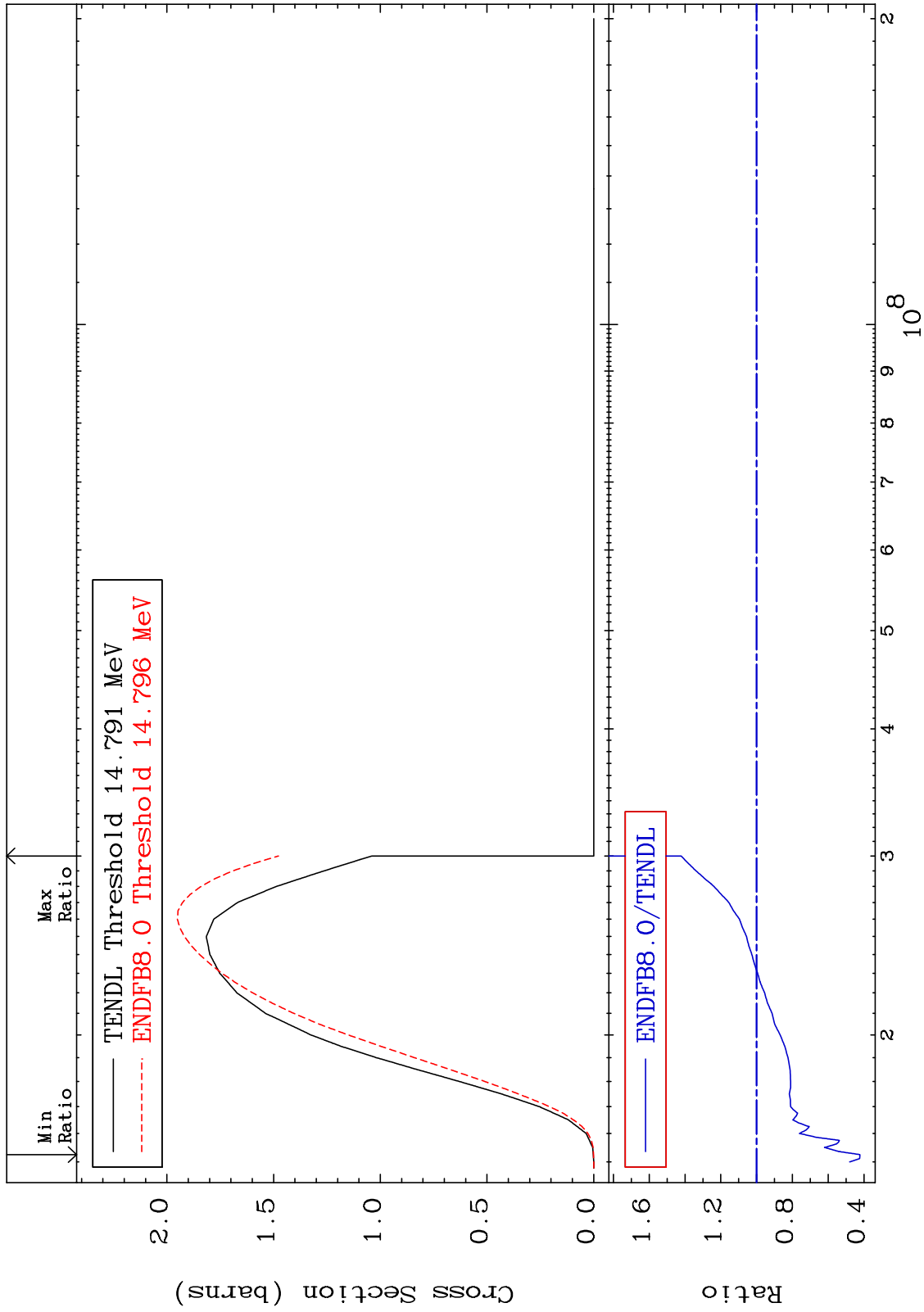
MAT 7925

(n, 3n)

79-Au-197

Cross Section

-57.71 To 42.11 %



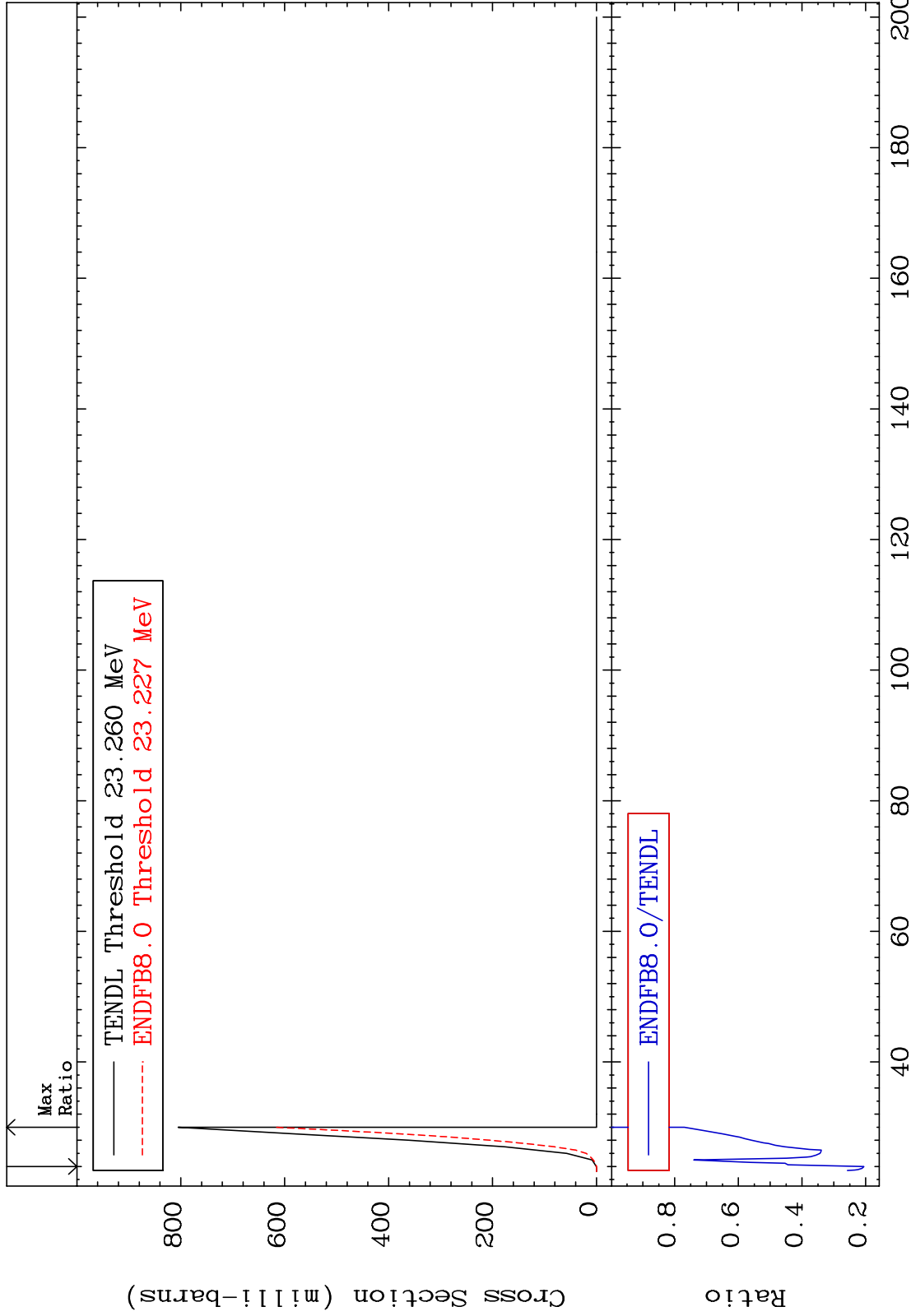
MAT 7925

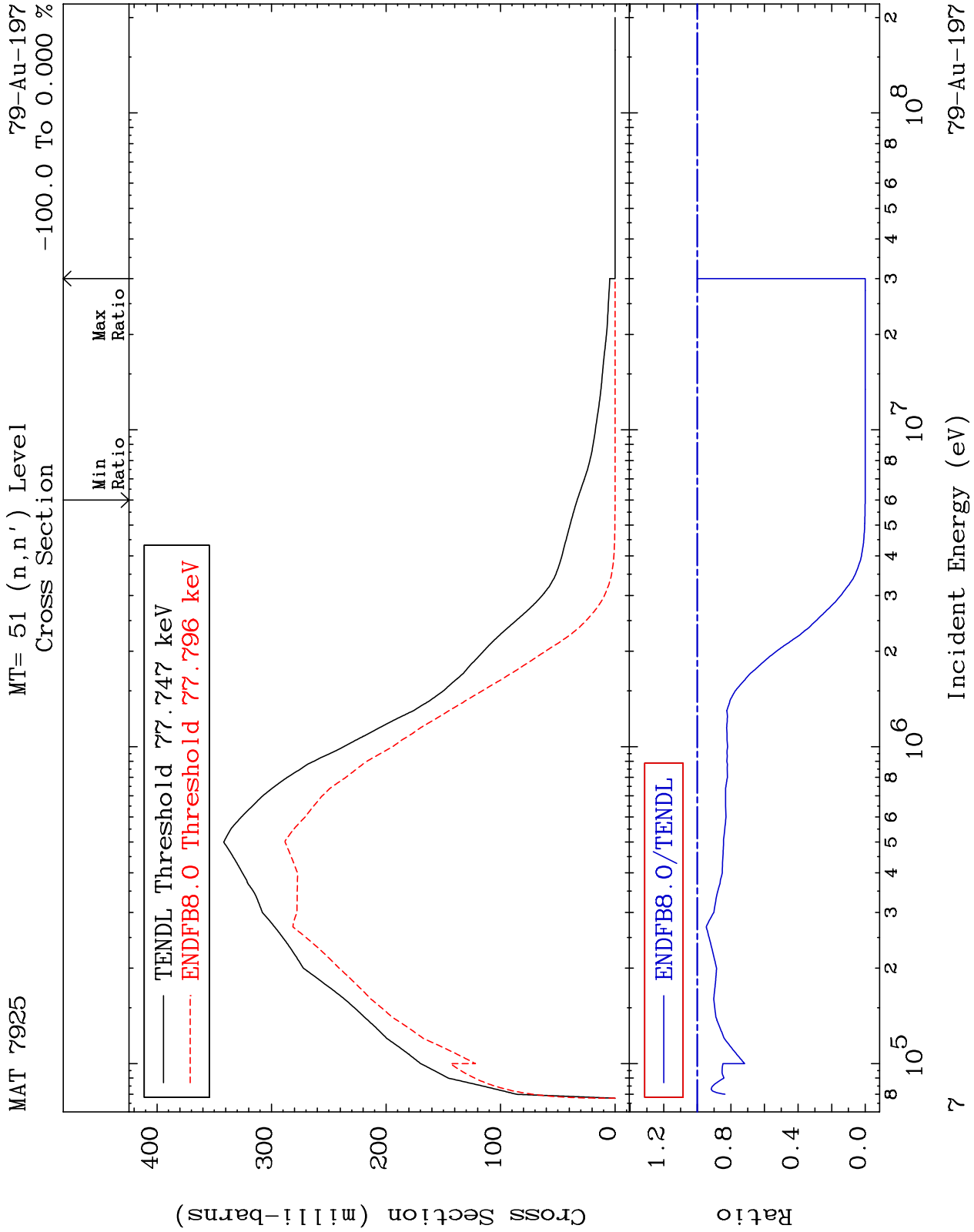
(n, 4n)

⁷⁹Au-197

Cross Section

-79.46 To -23.05%

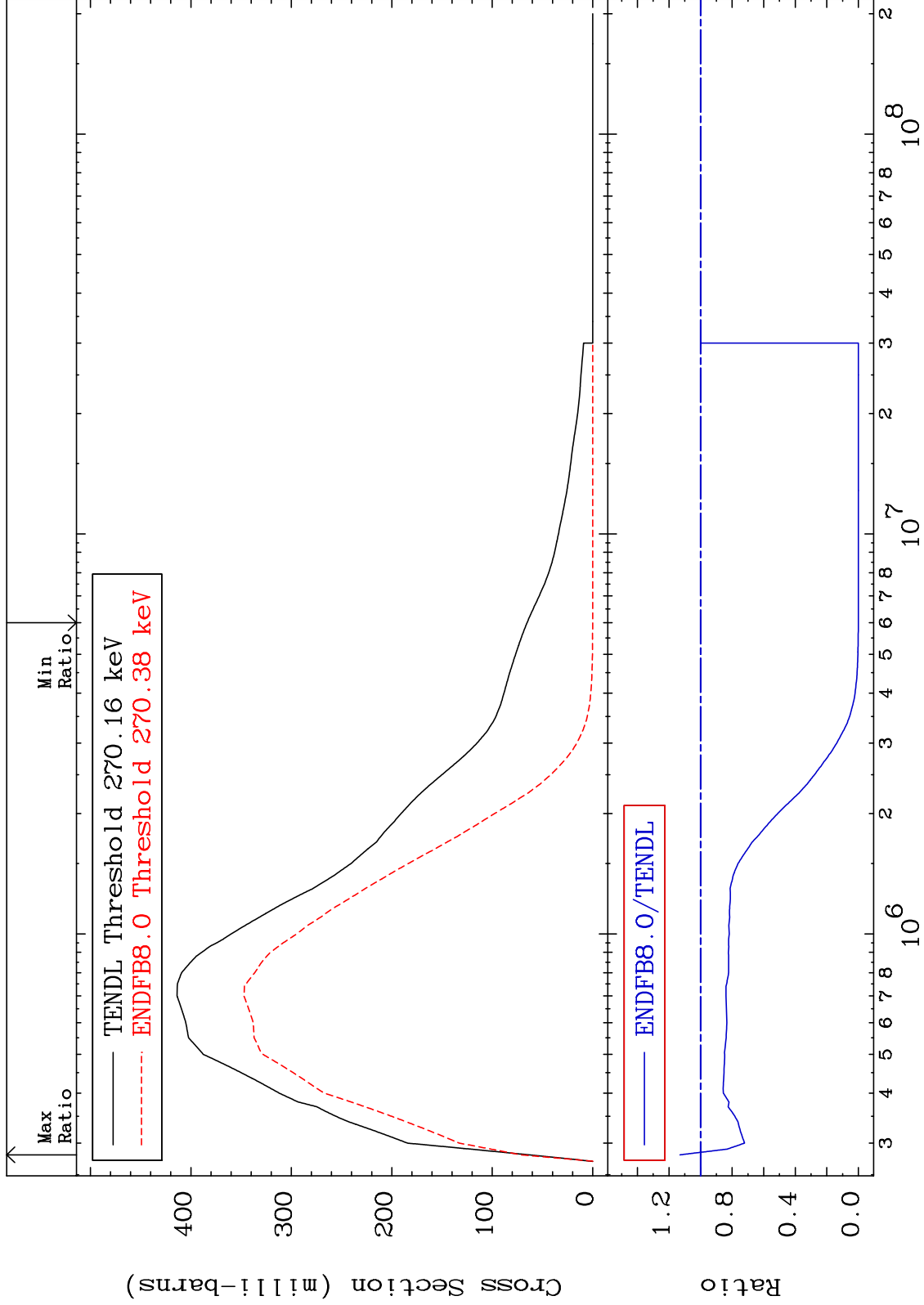




MAT 7925

MT= 52 (n,n') Level
Cross Section

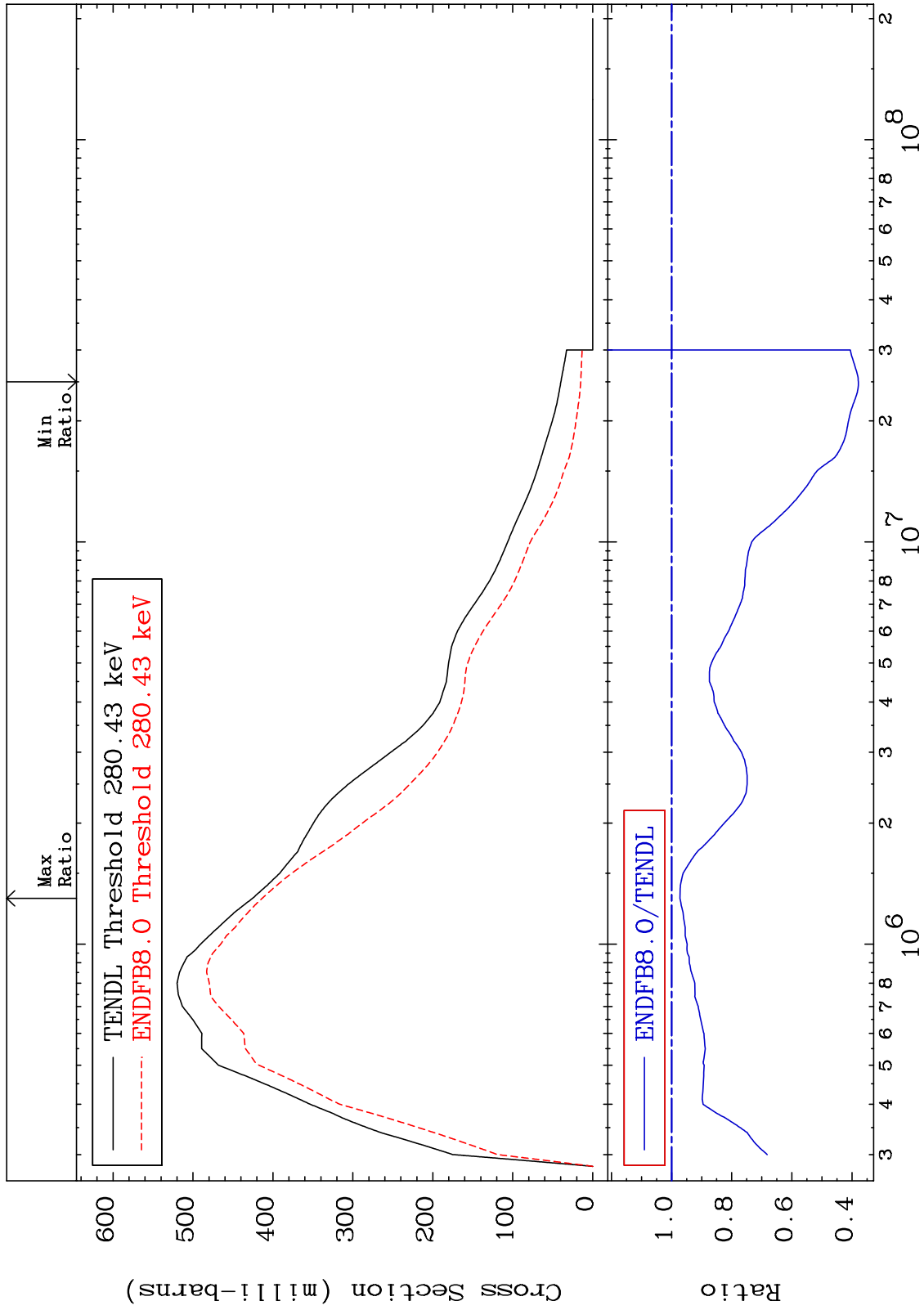
79-Au-197
-100.0 To 13.03 %



MAT 7925

MT= 53 (n,n') Level
Cross Section

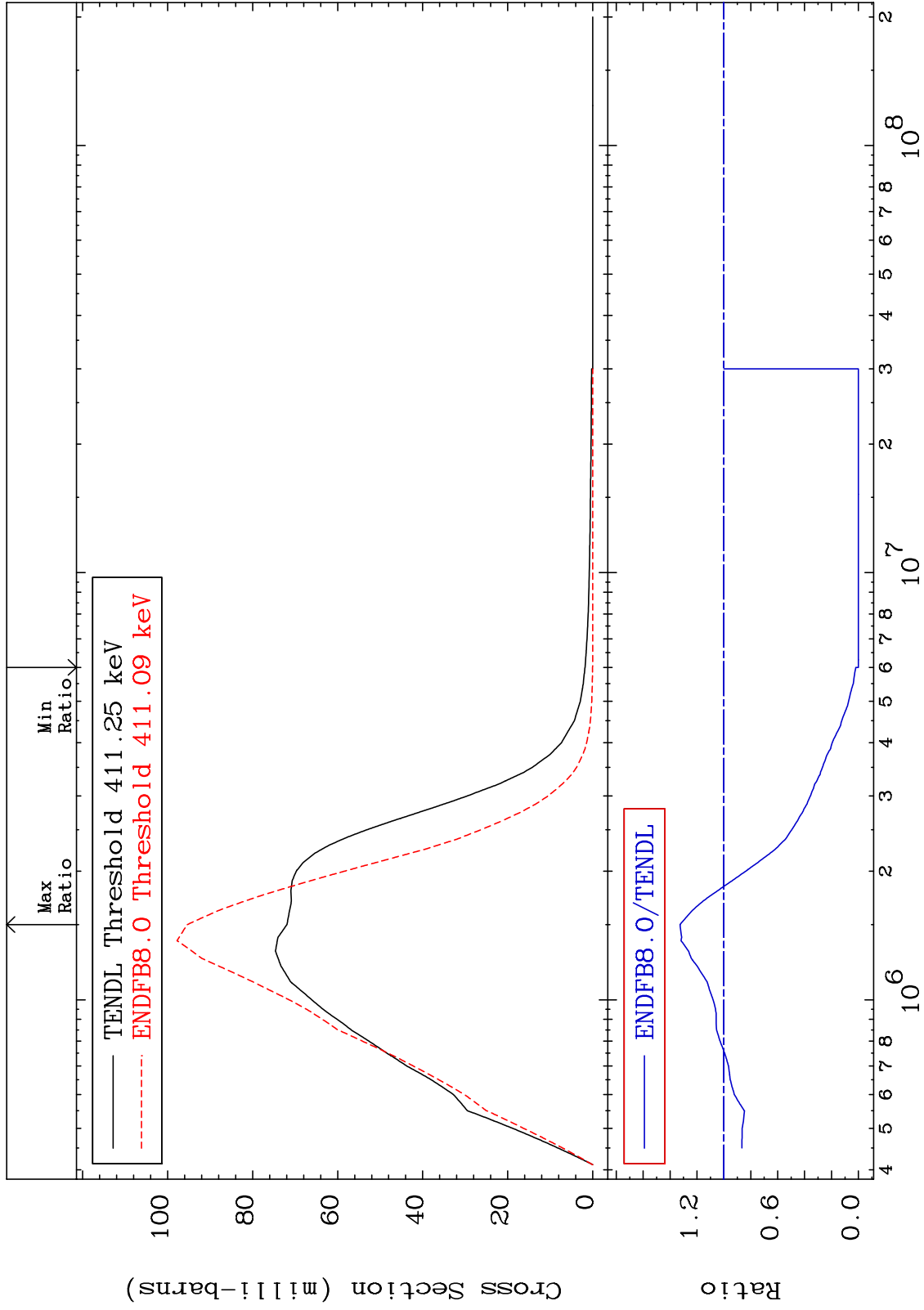
79-Au-197
-62.13 To -2.801%



MAT 7925

MT= 54 (n,n') Level
Cross Section

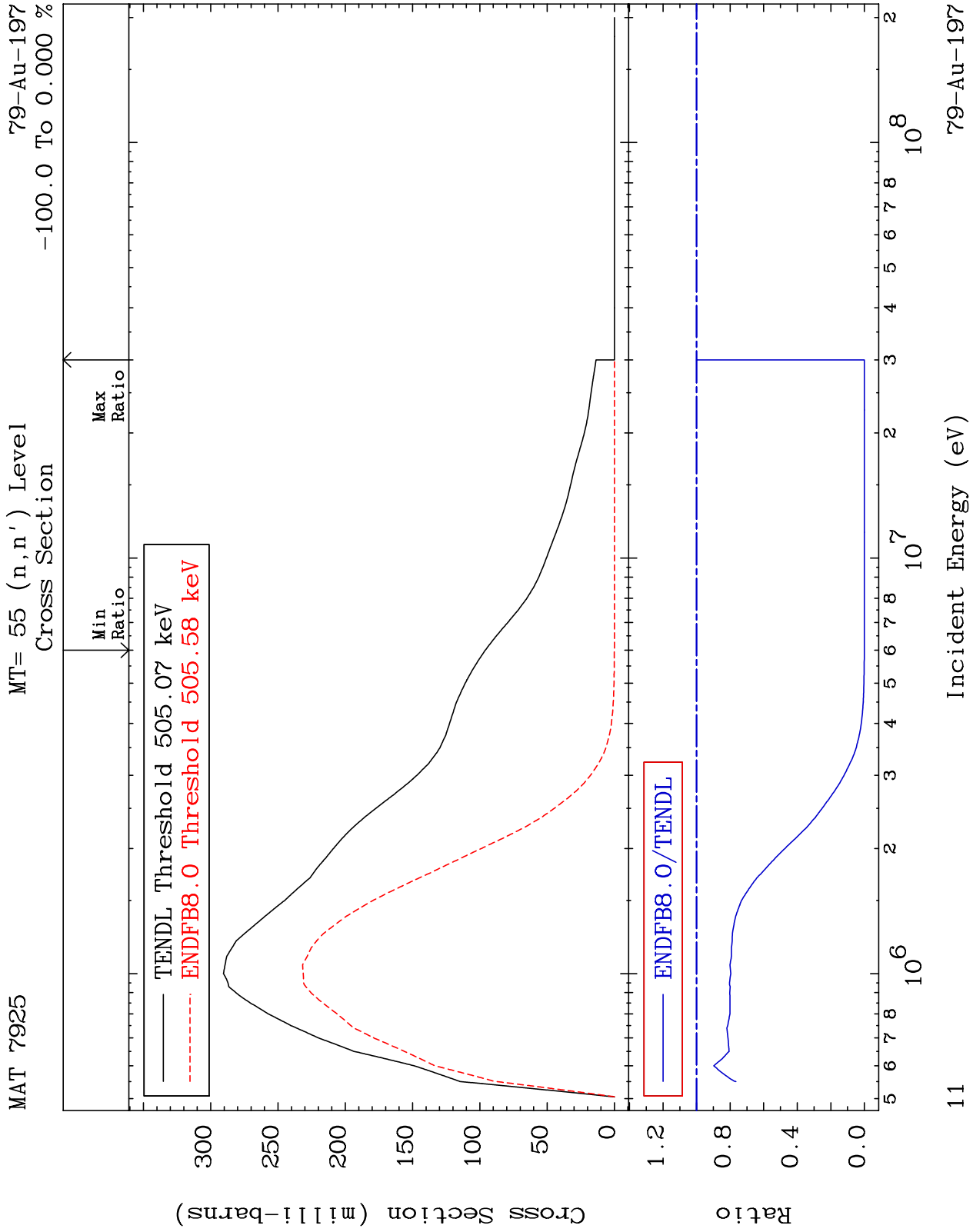
79-Au-197
-100.0 To 32.59 %



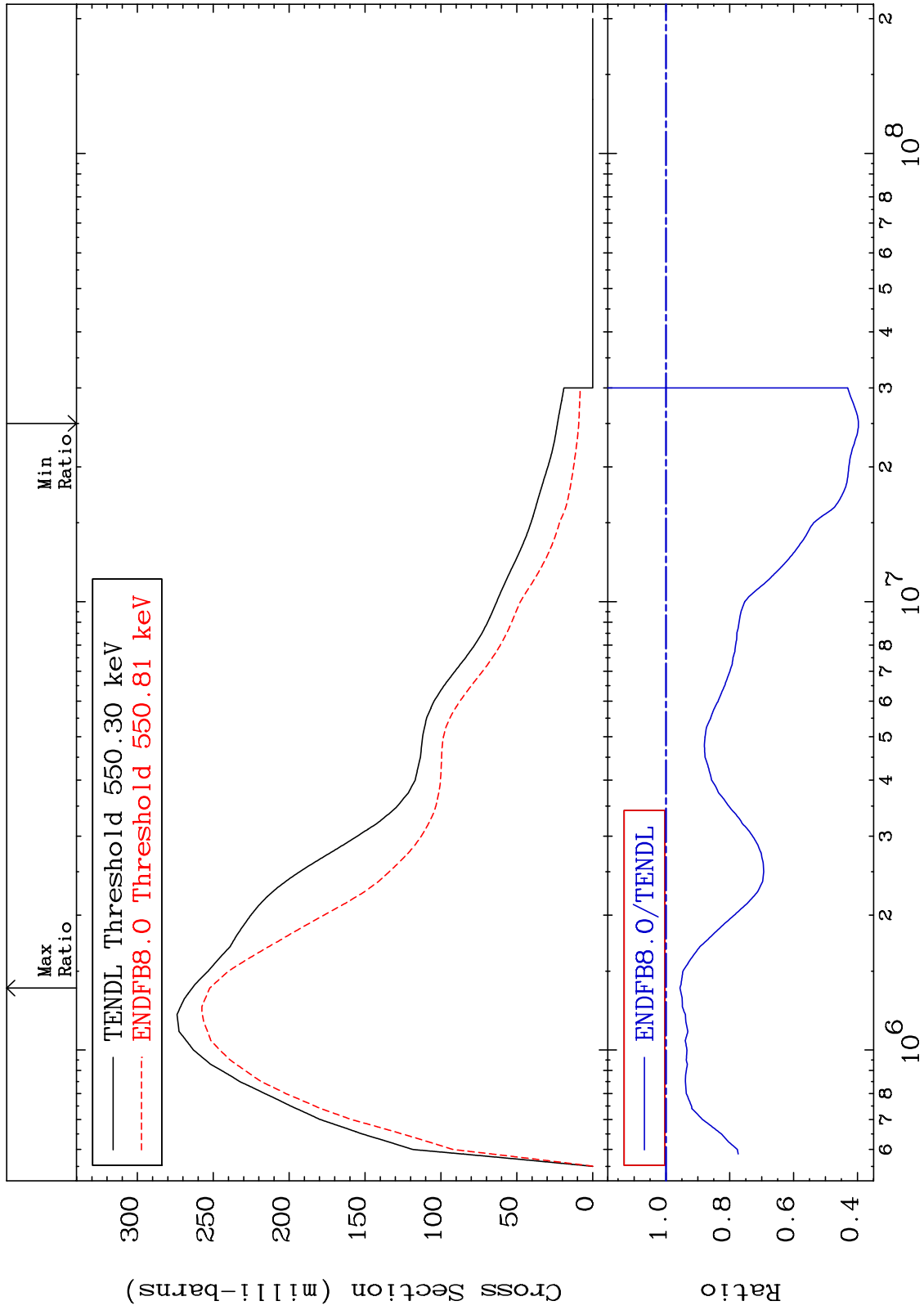
10

Incident Energy (eV)

79-Au-197



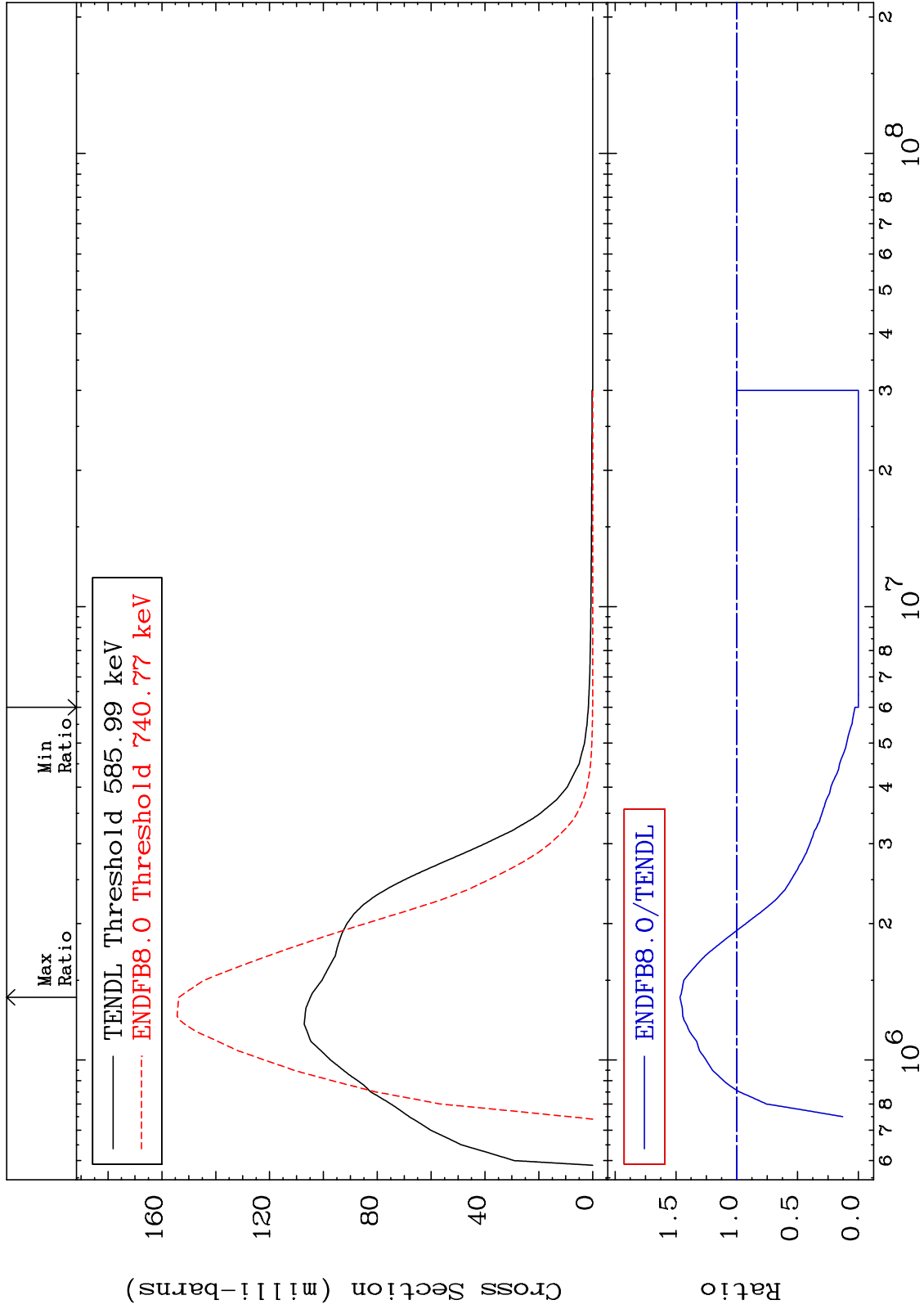
MAT 7925 MT= 56 (n,n') Level Cross Section 79-Au-197 -60.32 To -4.404%



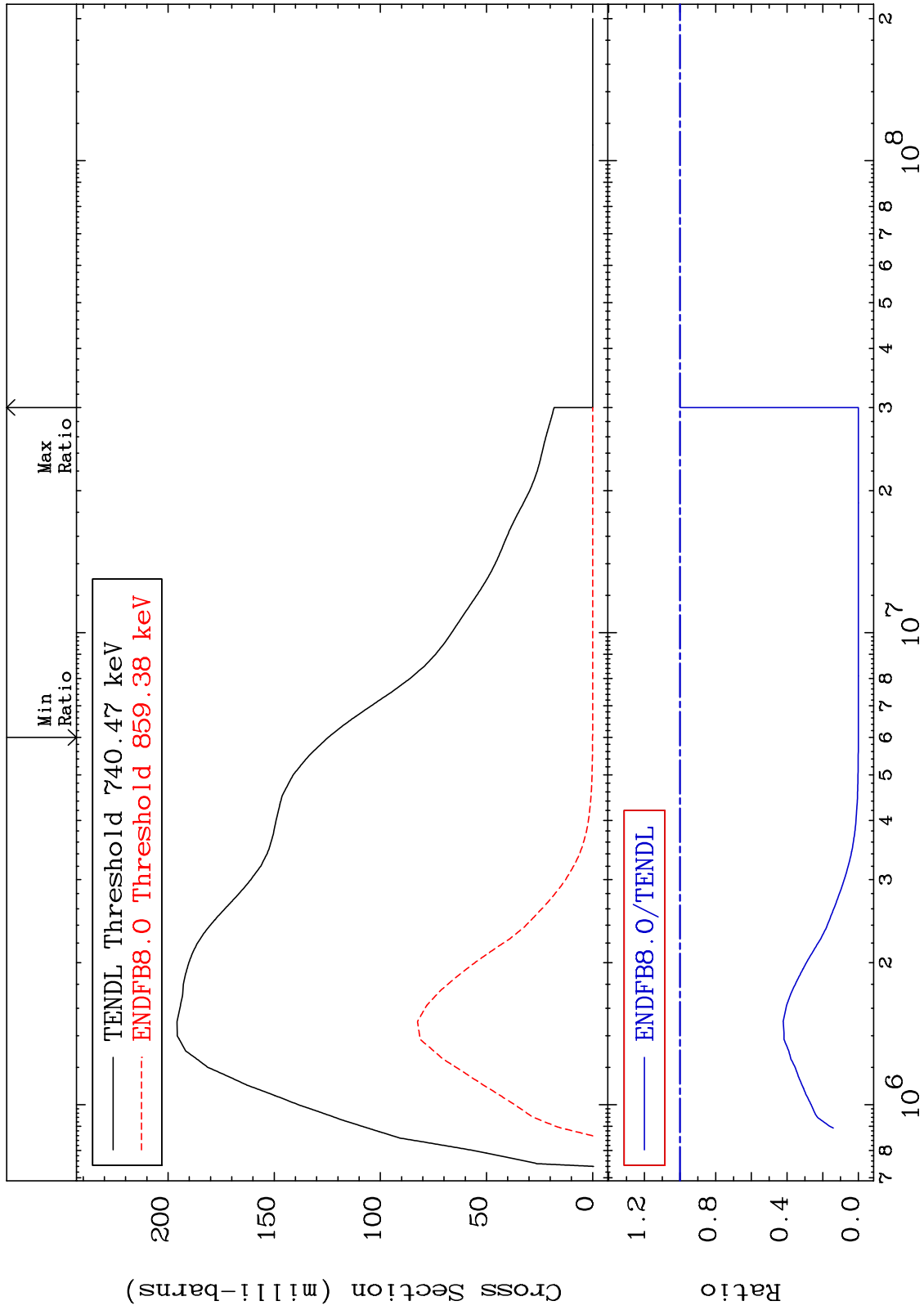
MAT 7925

MT= 57 (n,n') Level
Cross Section

79-Au-197
-100.0 To 46.64 %



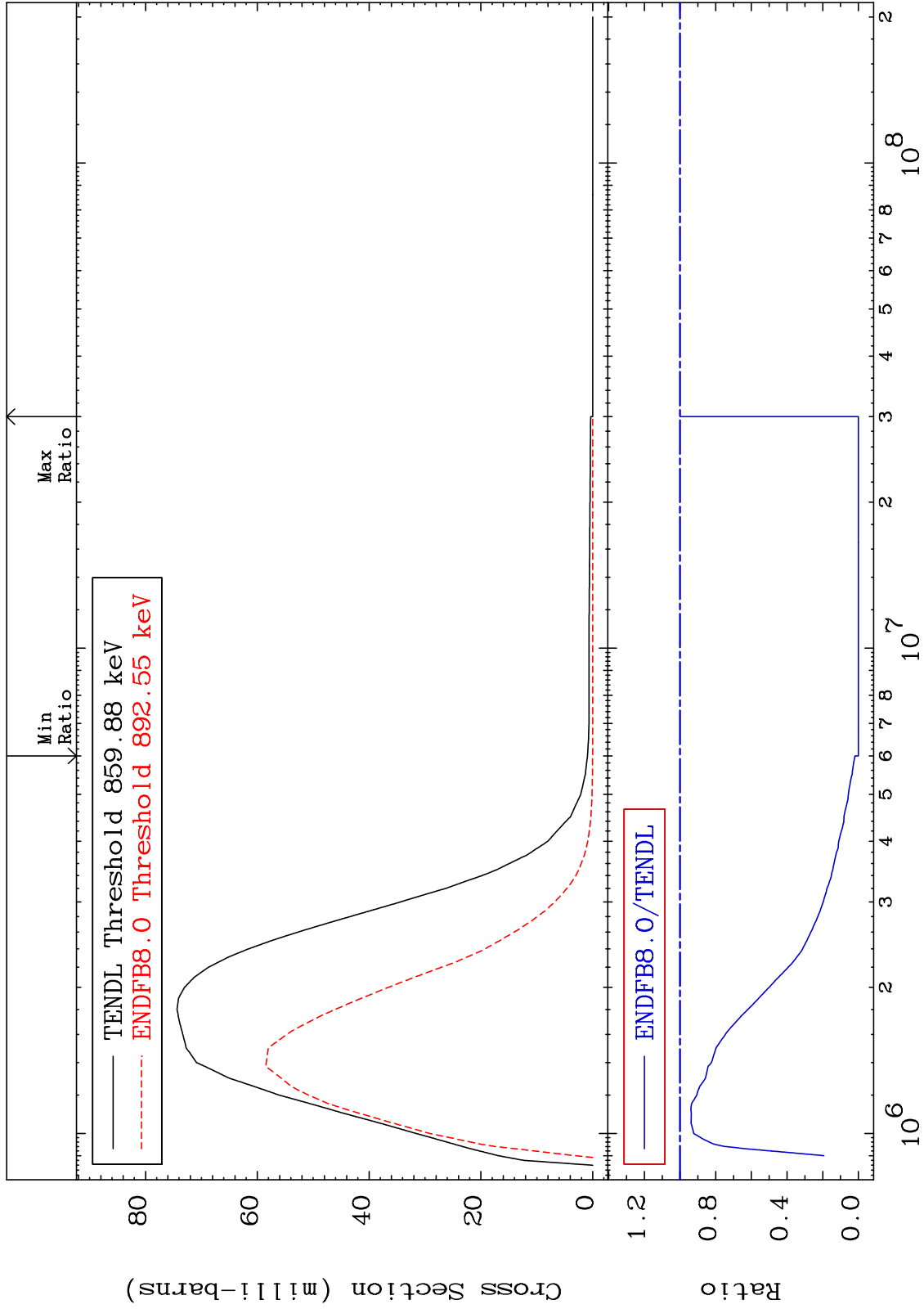
MAT 7925 MT= 58 (n,n') Level 79-Au-197
 Cross Section -100.0 To 0.000 %



MAT 7925

MT= 59 (n,n') Level
Cross Section

79-Au-197
-100.0 To 0.000 %



15

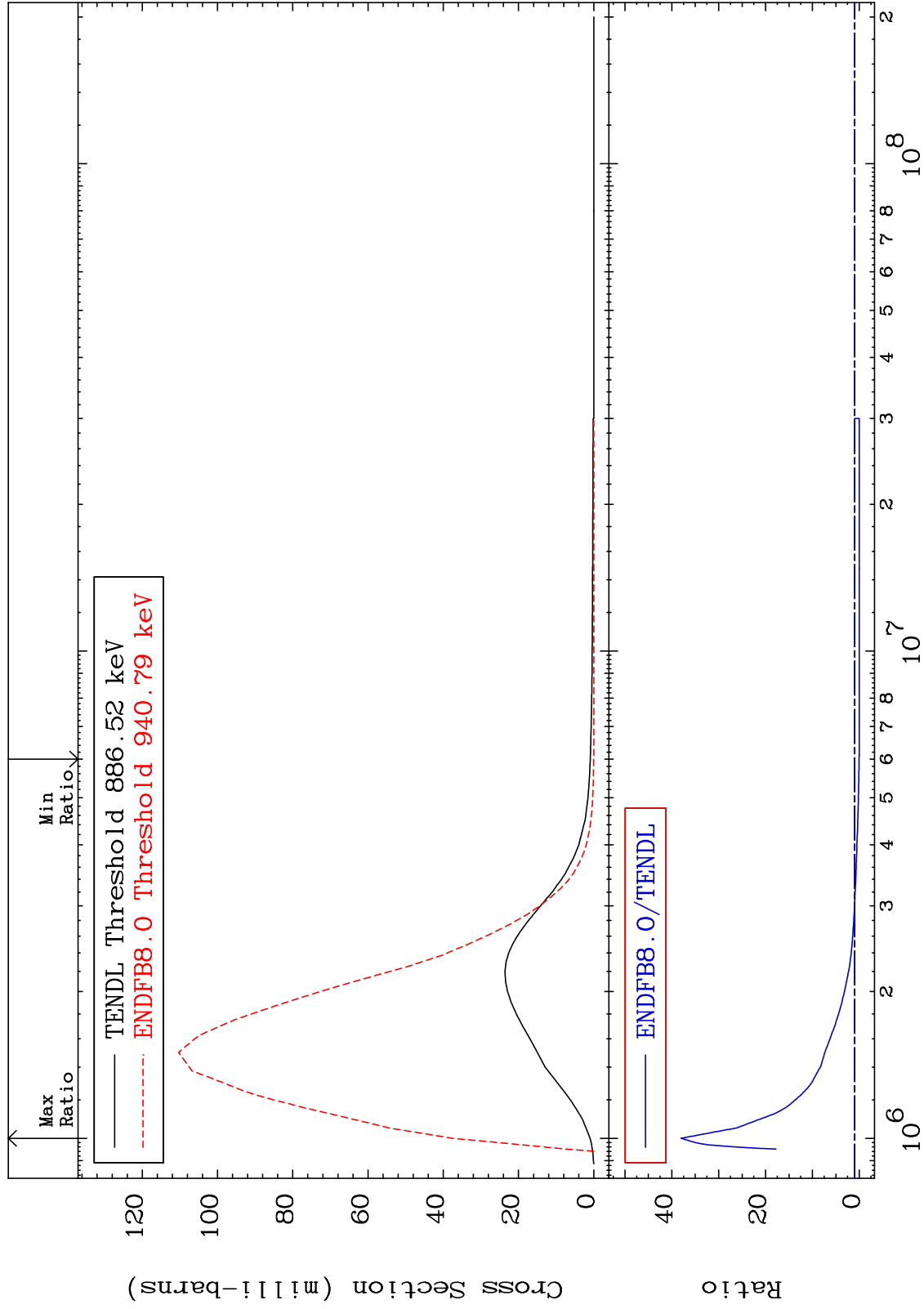
Incident Energy (eV)

79-Au-197

MAT 7925

MT= 60 (n,n') Level
Cross Section

79-Au-197
-100.0 To 3703. %

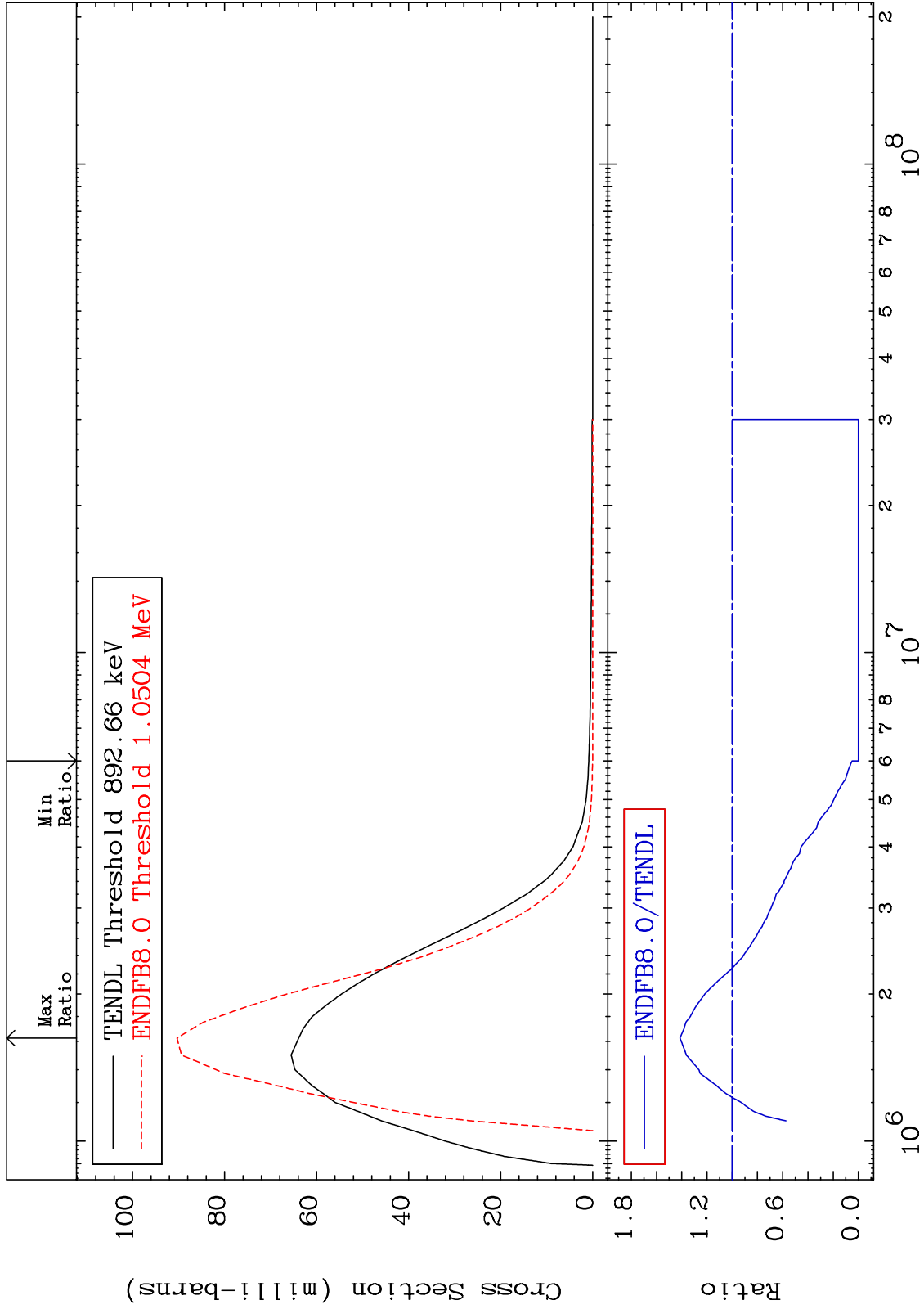


16 79-Au-197

MAT 7925

MT= 61 (n,n') Level
Cross Section

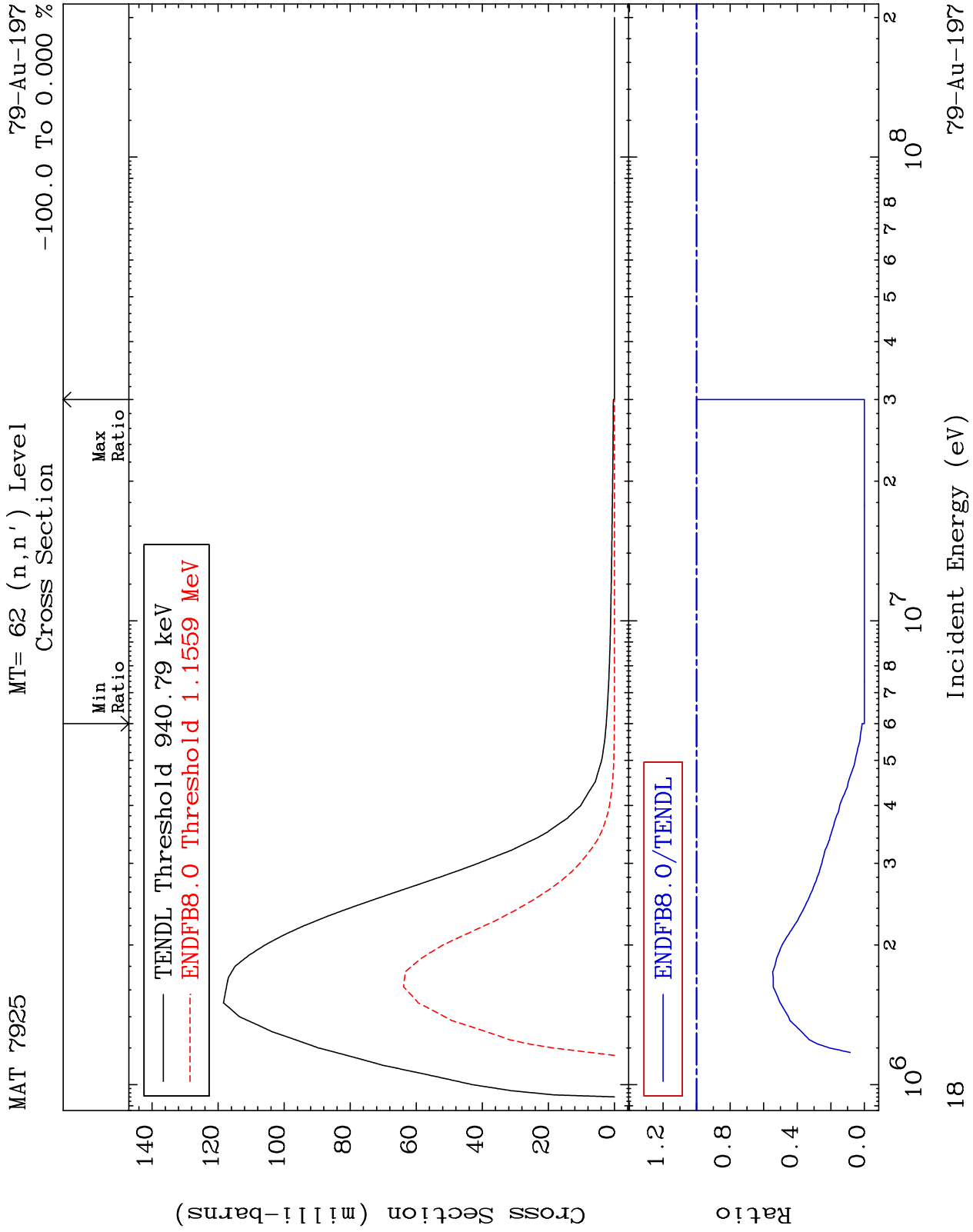
79-Au-197
-100.0 To 41.38 %



17

Incident Energy (eV)

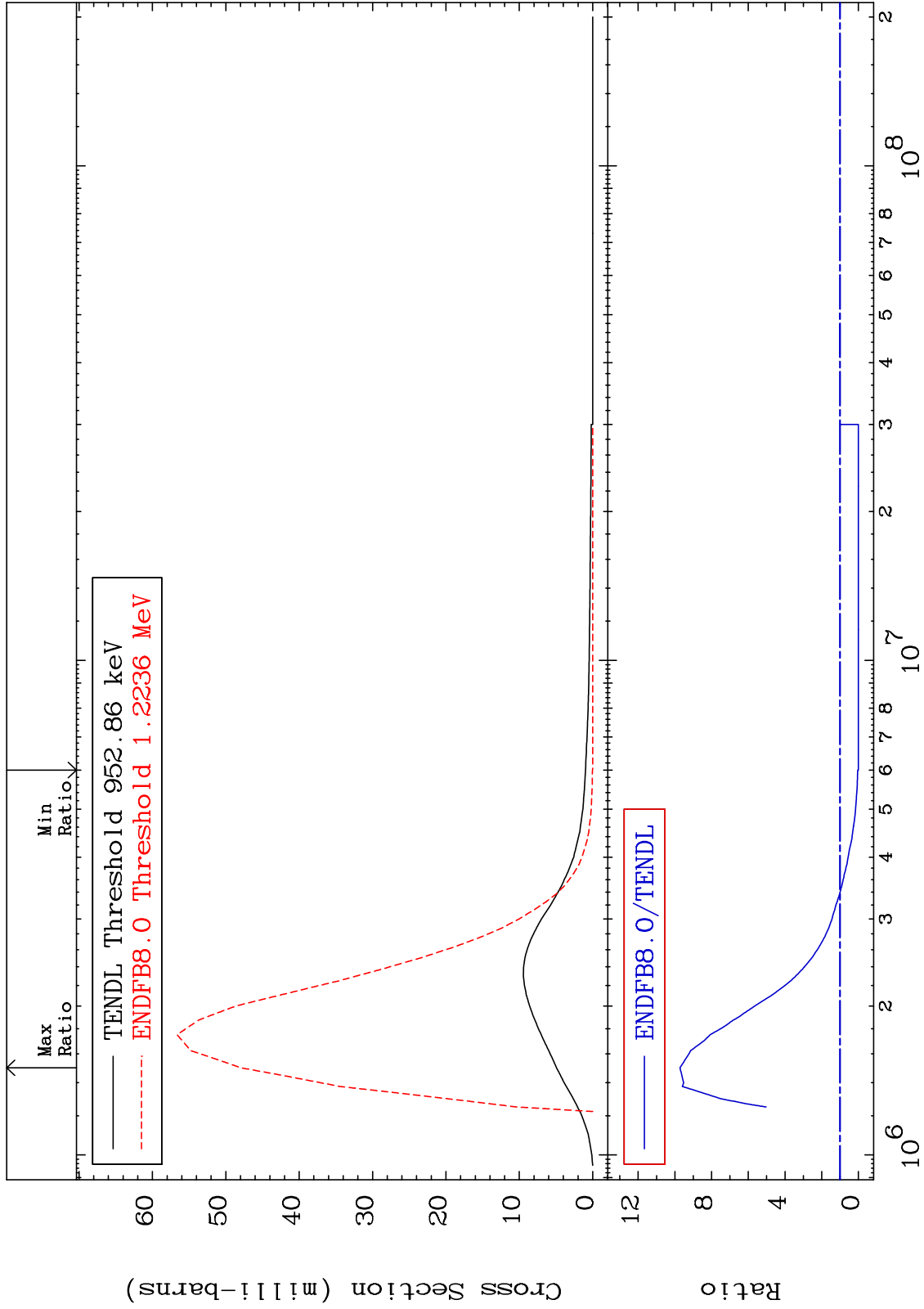
79-Au-197



MAT 7925

MT= 63 (n,n') Level
Cross Section

79-Au-197
-100.0 To 872.0 %



79-Au-197

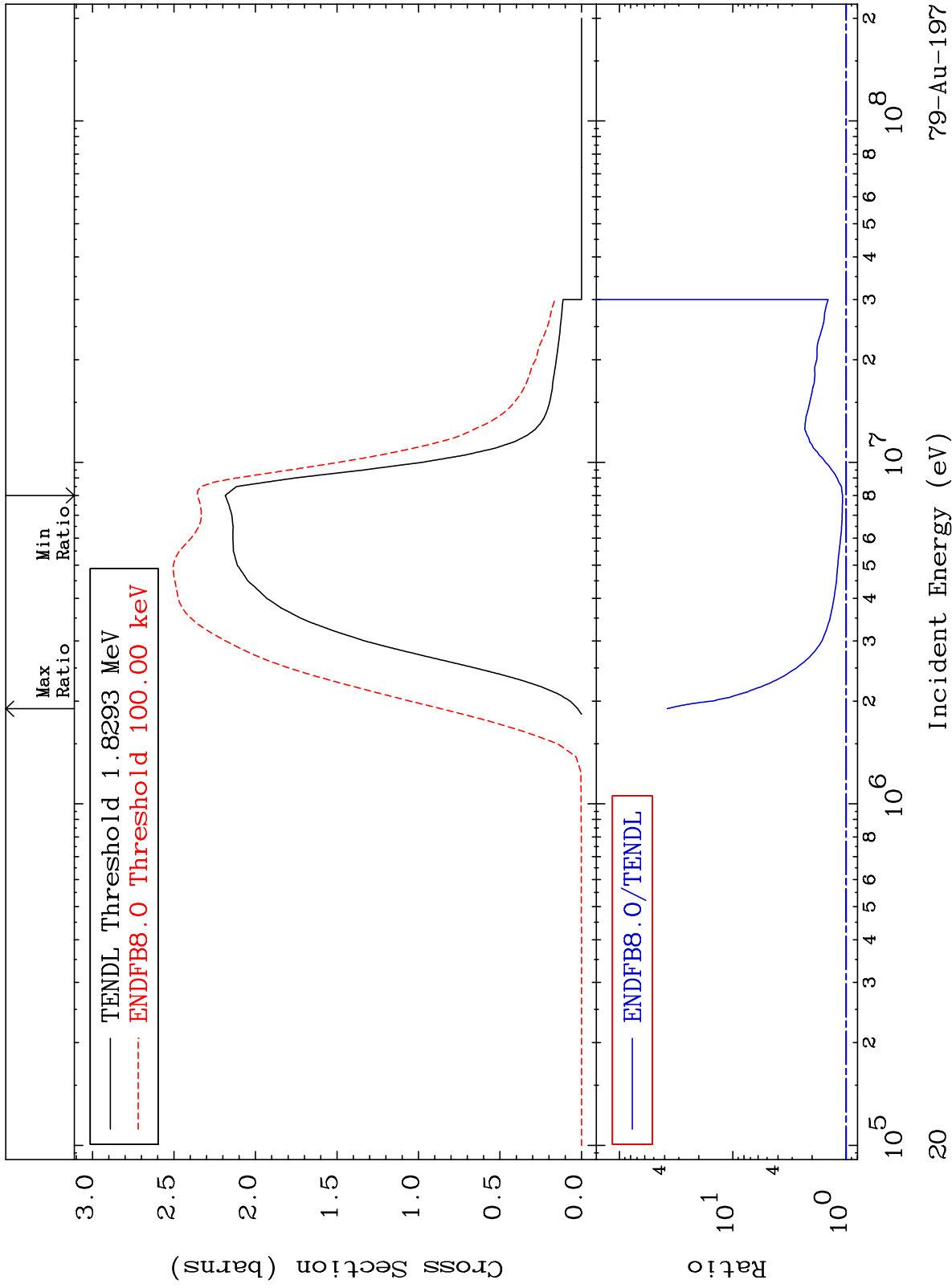
Incident Energy (eV)

19

MAT 7925

(n, n') Continuum
Cross Section

79-Au-197
7.762 To 3691. %



20

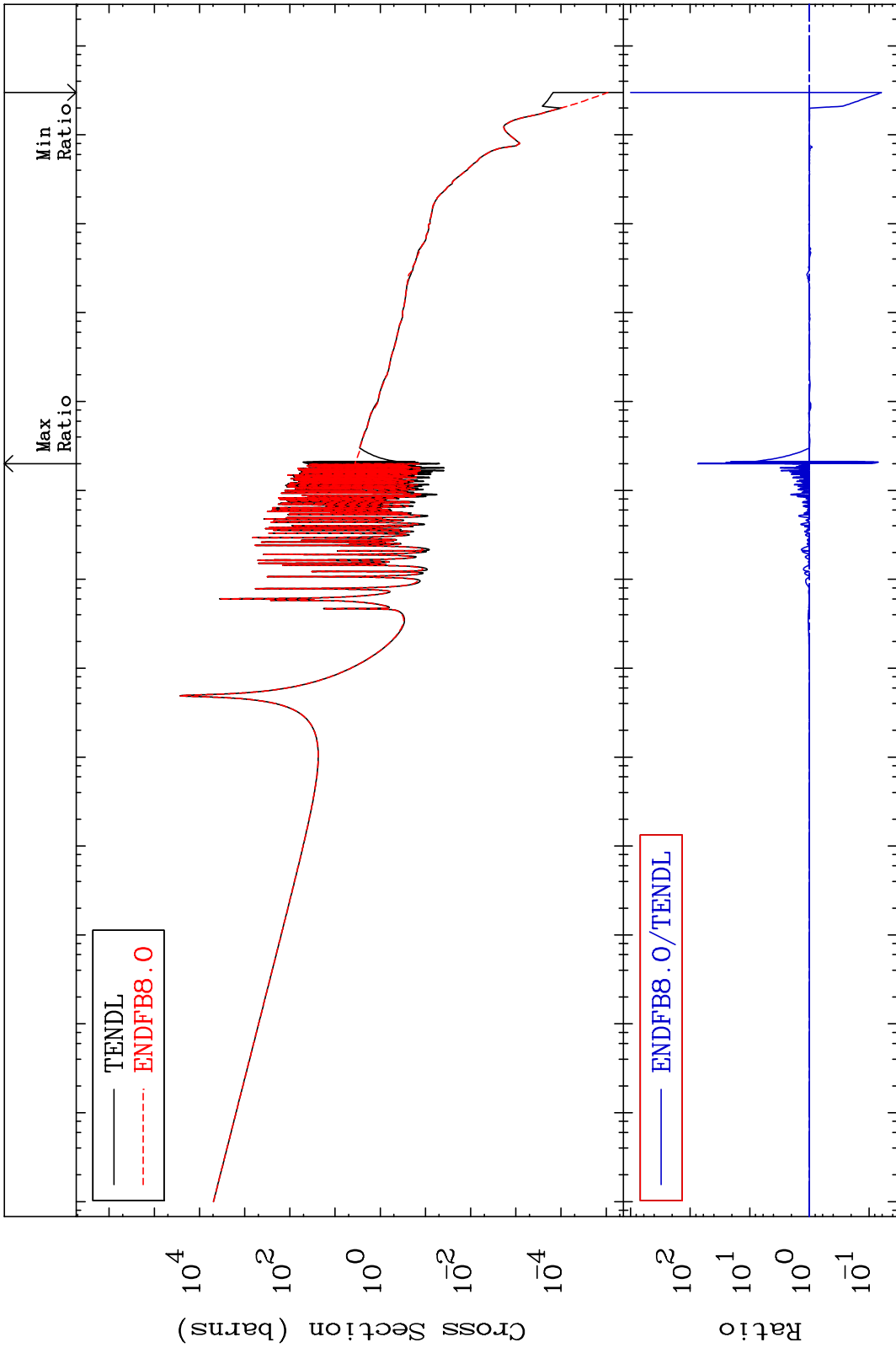
MAT 7925

(n, γ)

79-Au-197

Cross Section

-93.83 To 7336. %



Incident Energy (eV)

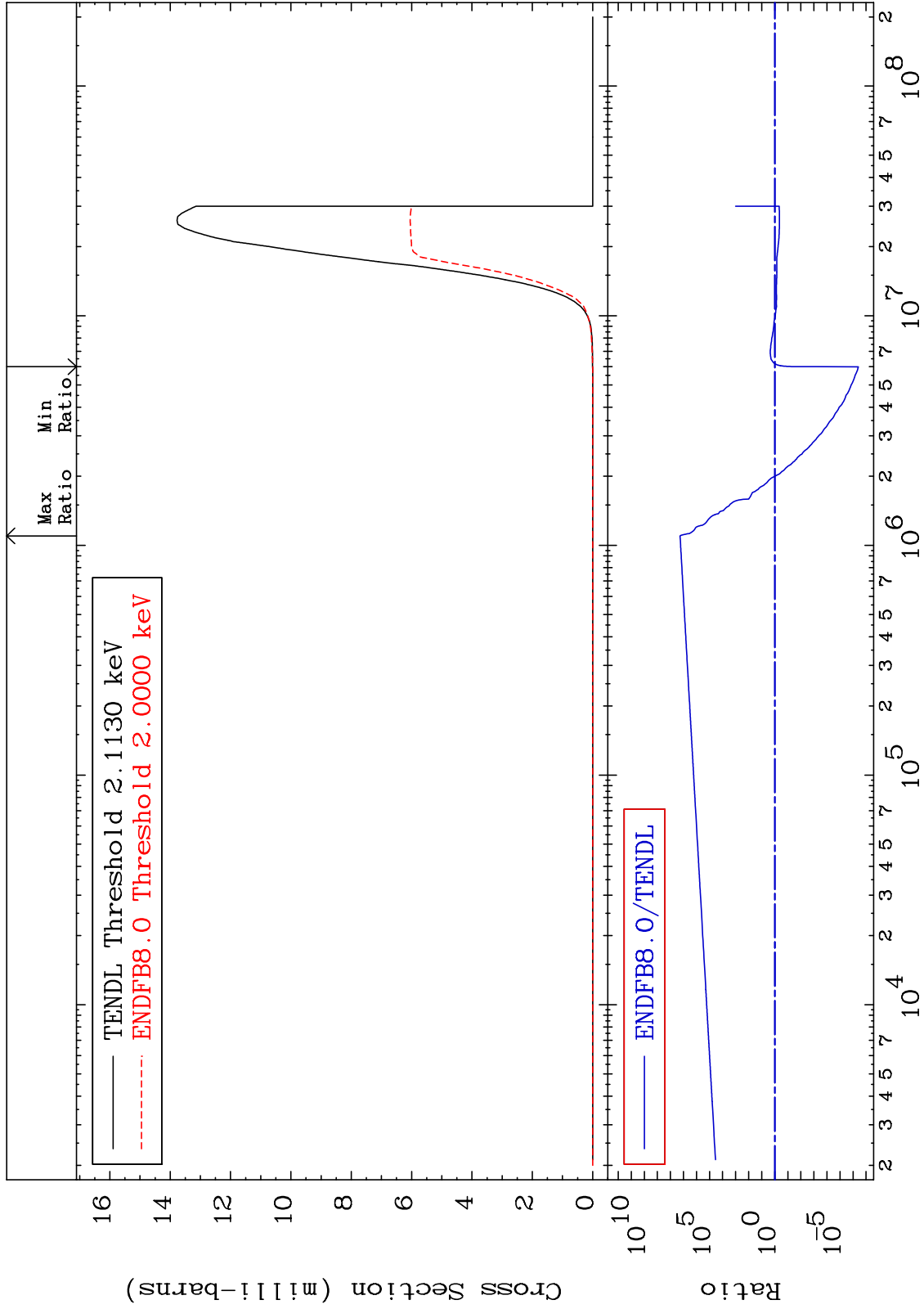
MAT 7925

(n, p)

79-Au-197

Cross Section

-100.0 To 9999. %



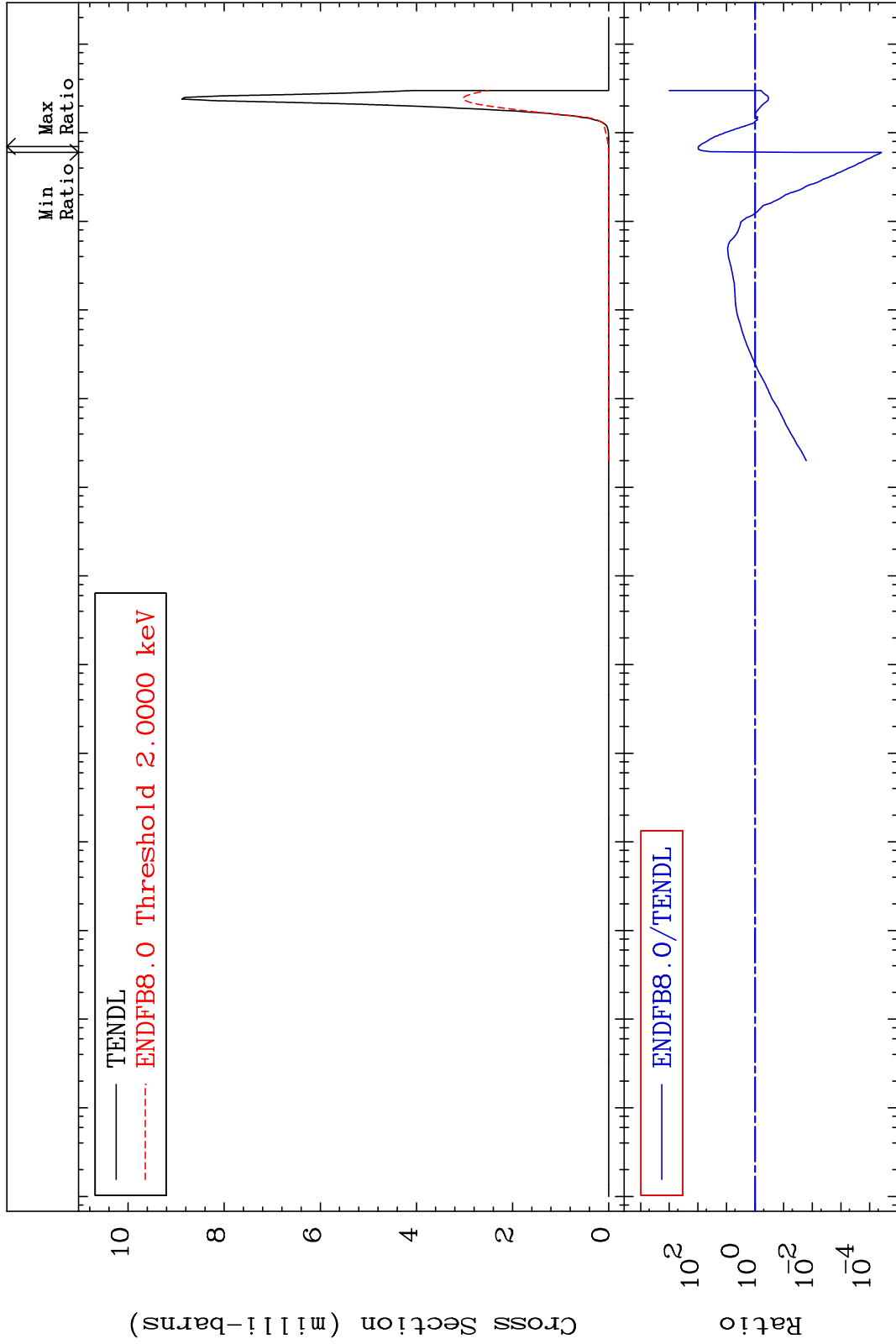
MAT 7925

(n, α)

79-Au-197

Cross Section

-100.0 To 9498. %

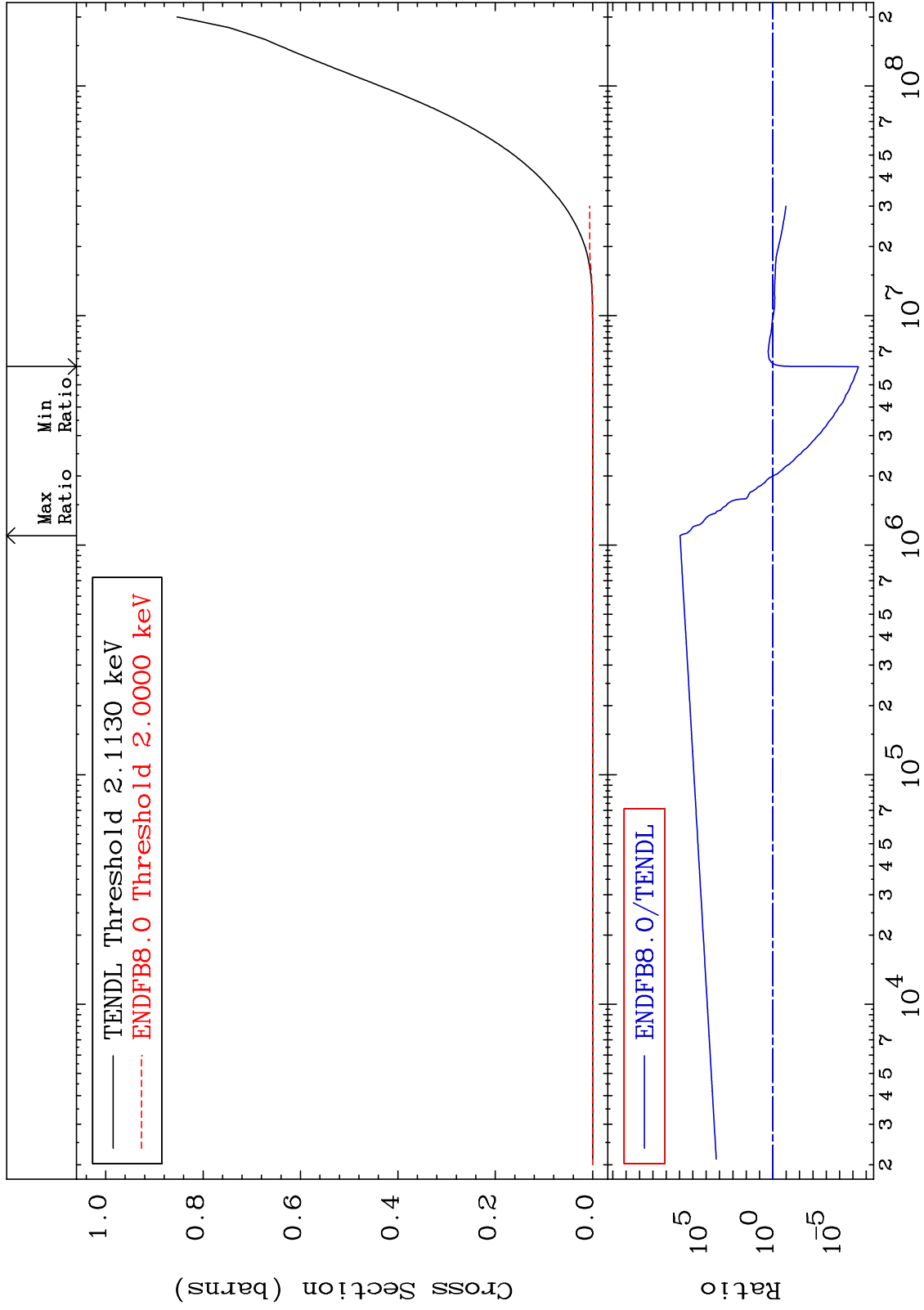


Incident Energy (eV) 79-Au-197

MAT 7925

Hydrogen Production
Cross Section

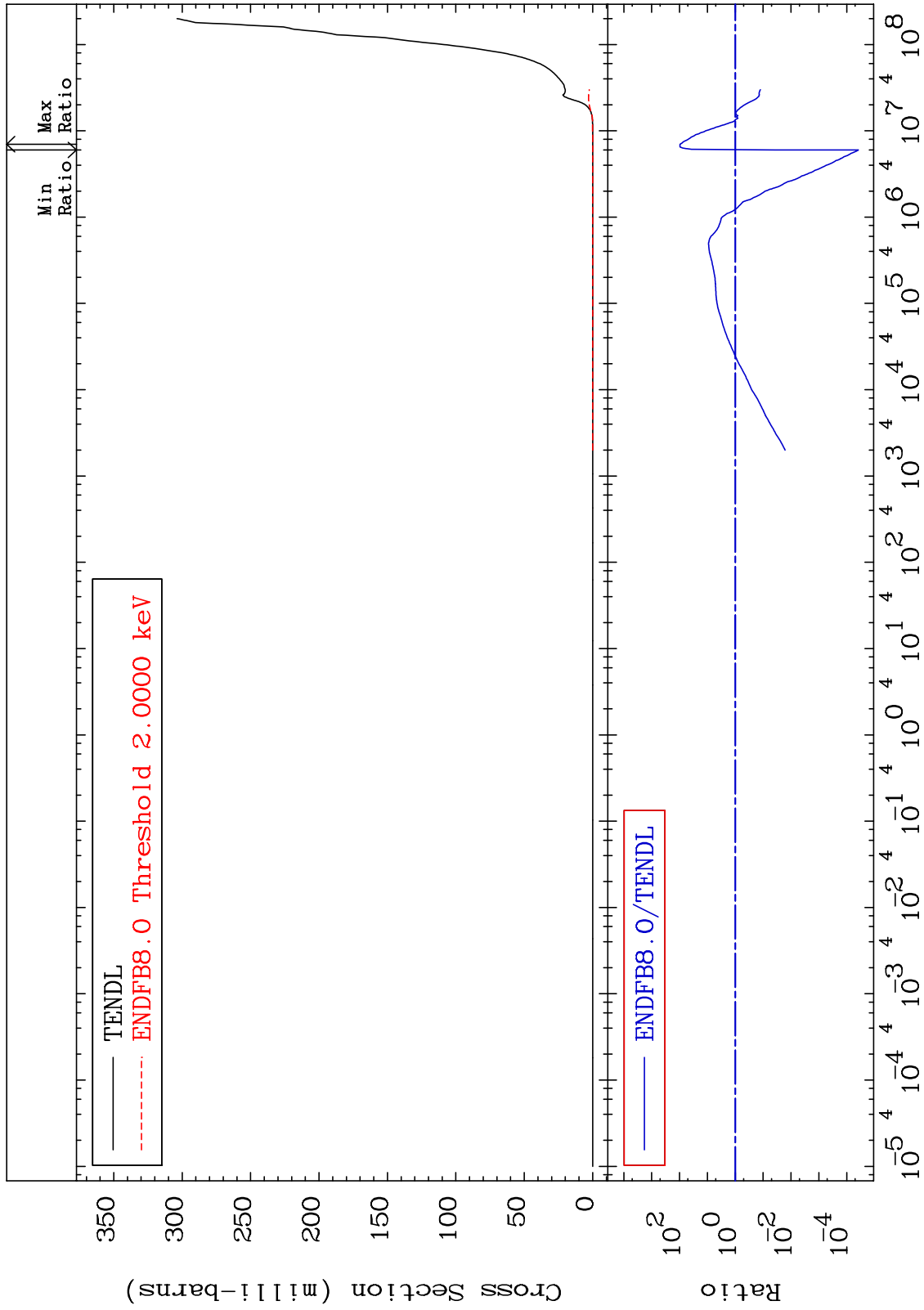
79-Au-197
-100.0 To 9999. %



MAT 7925

He-4 Production
Cross Section

79-Au-197
-100.0 To 9498. %



25

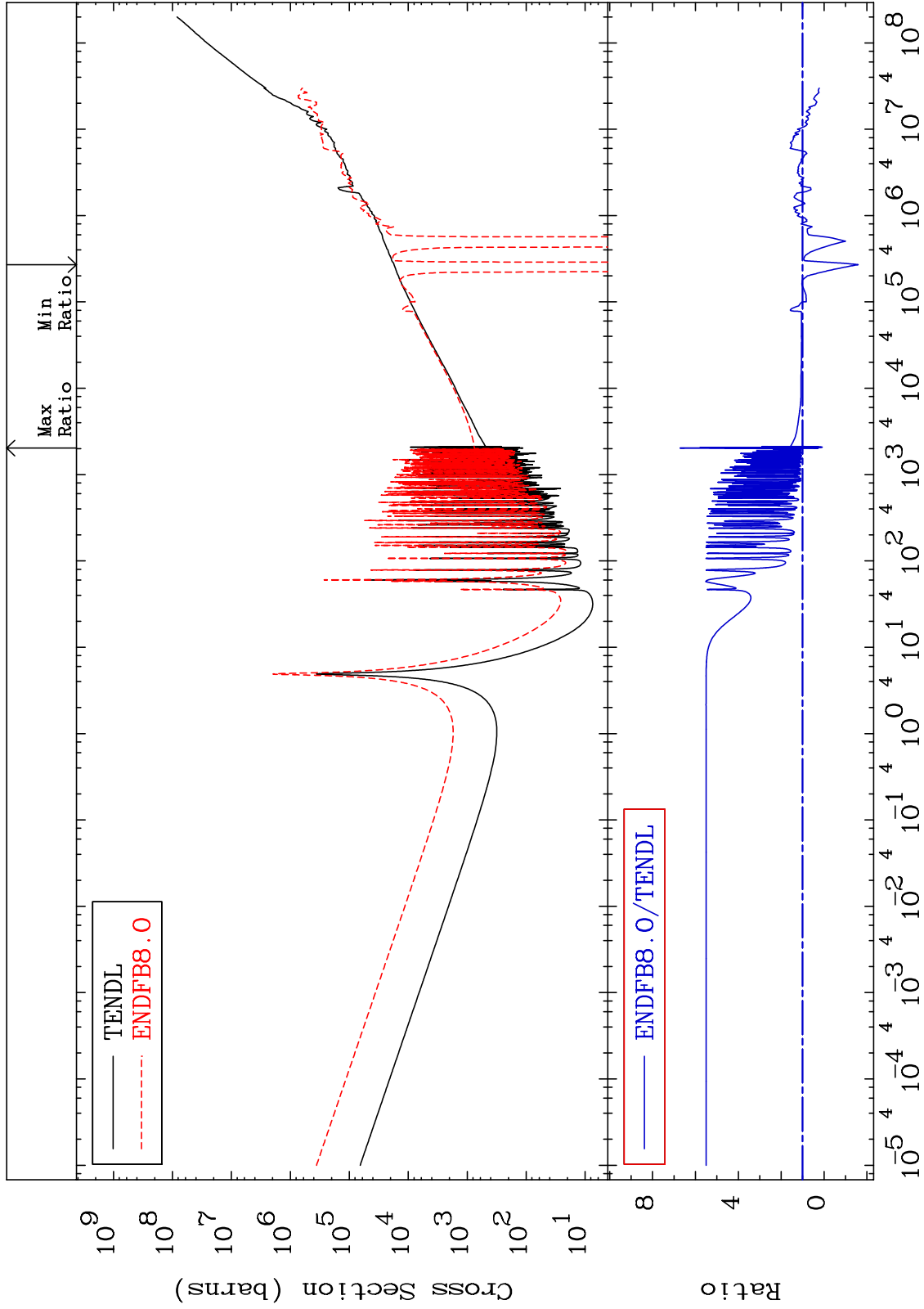
Incident Energy (eV)

79-Au-197

MAT 7925

Kerma total (eV-barns)
Cross Section

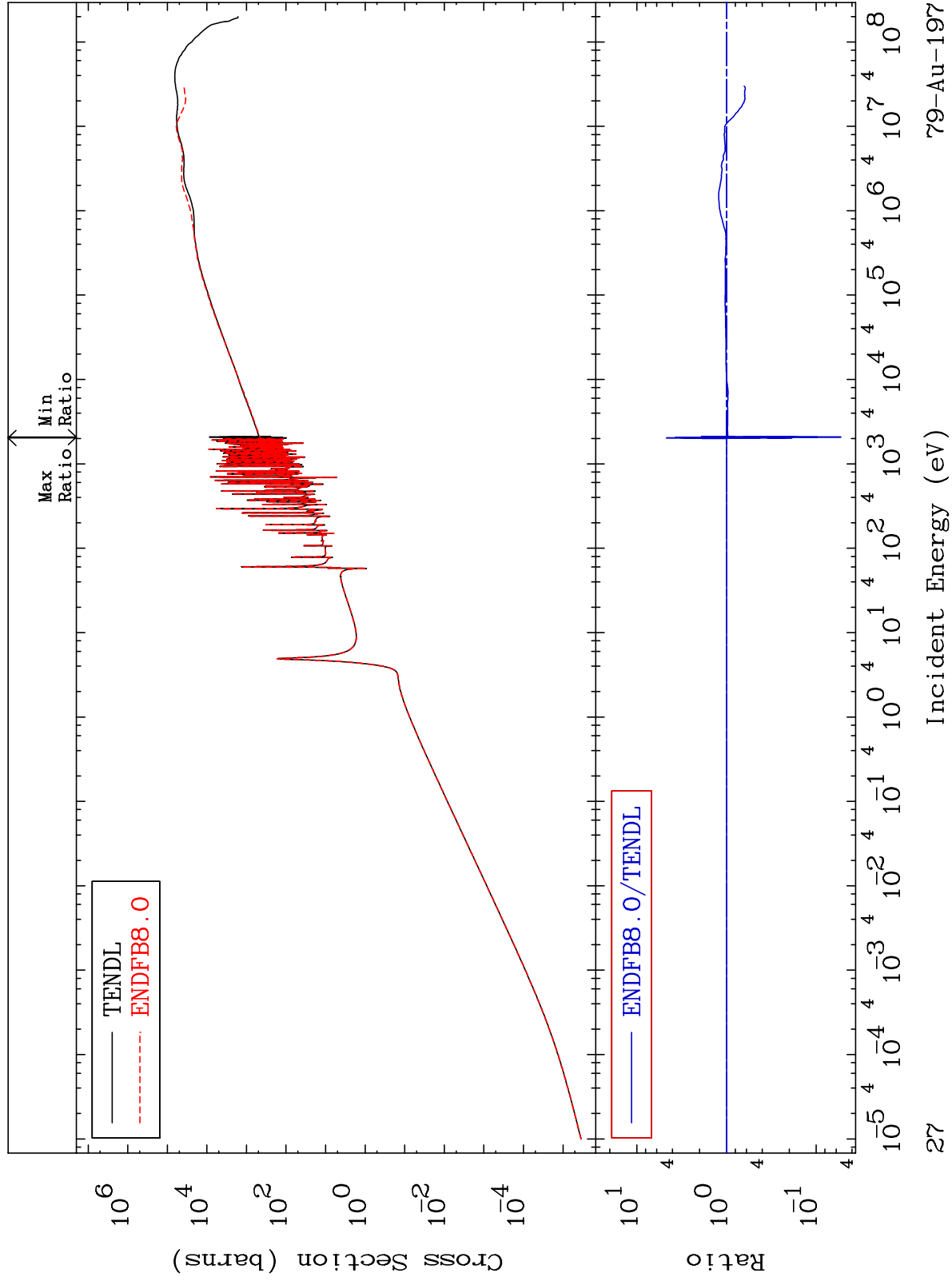
79-Au-197
-260.4 To 571.9 %



MAT 7925

Kerma elastic
Cross Section

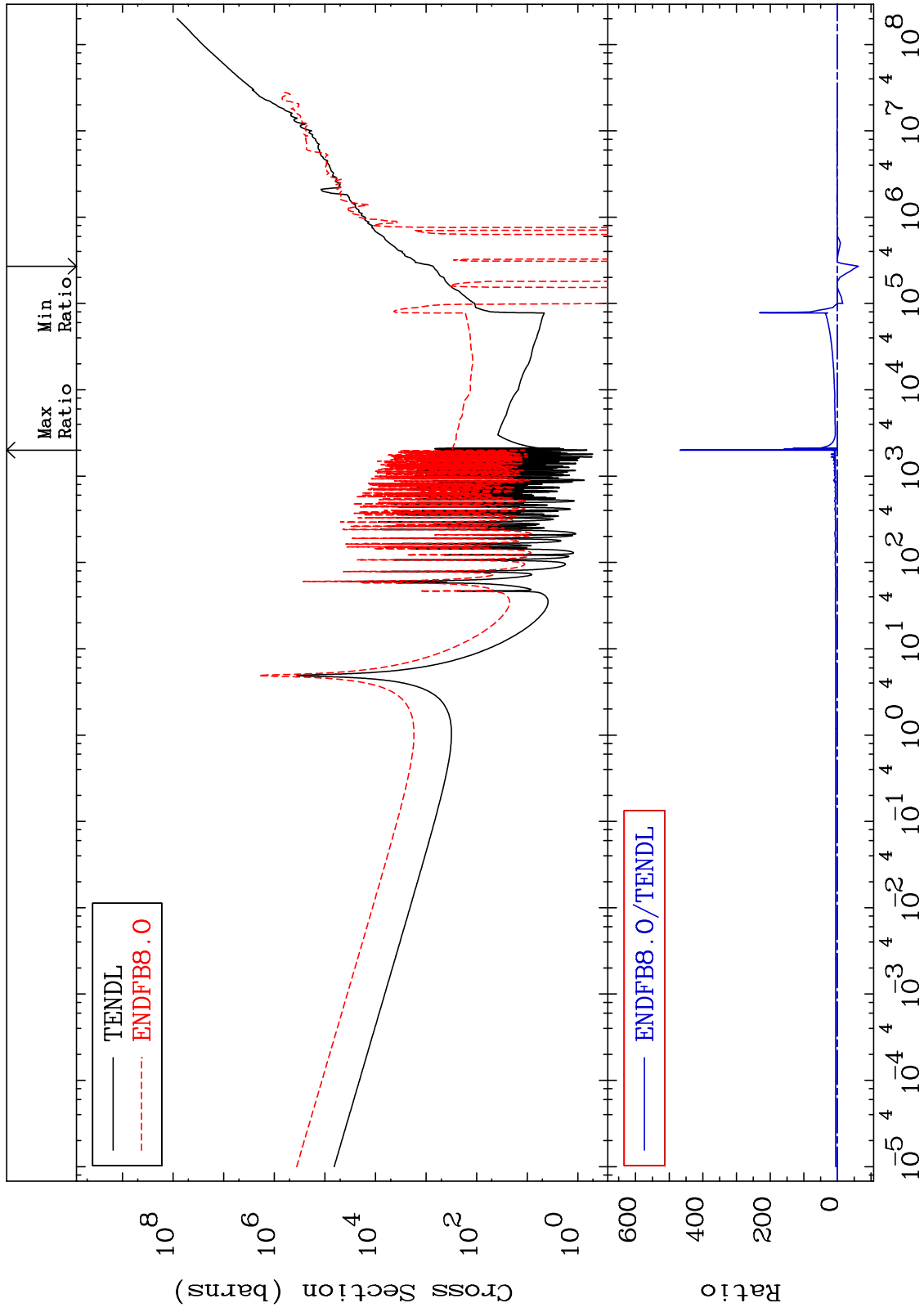
79-Au-197
-94.67 To 369.3 %



MAT 7925

Kerma non-elastic (all but mt2)
Cross Section

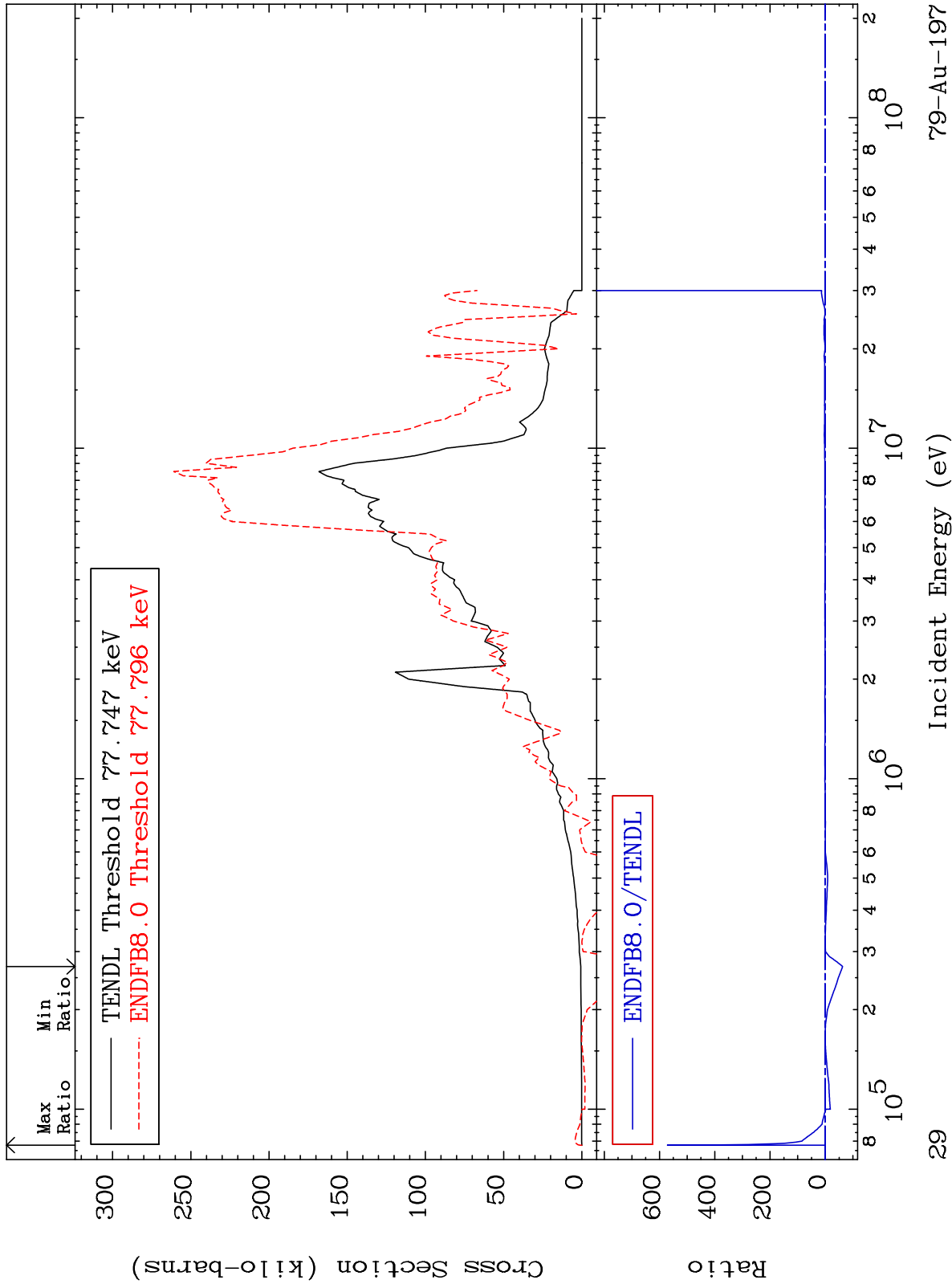
79-Au-197
-6324. To 9999. %



MAT 7925

Kerma inelastic (mt51-91)
Cross Section

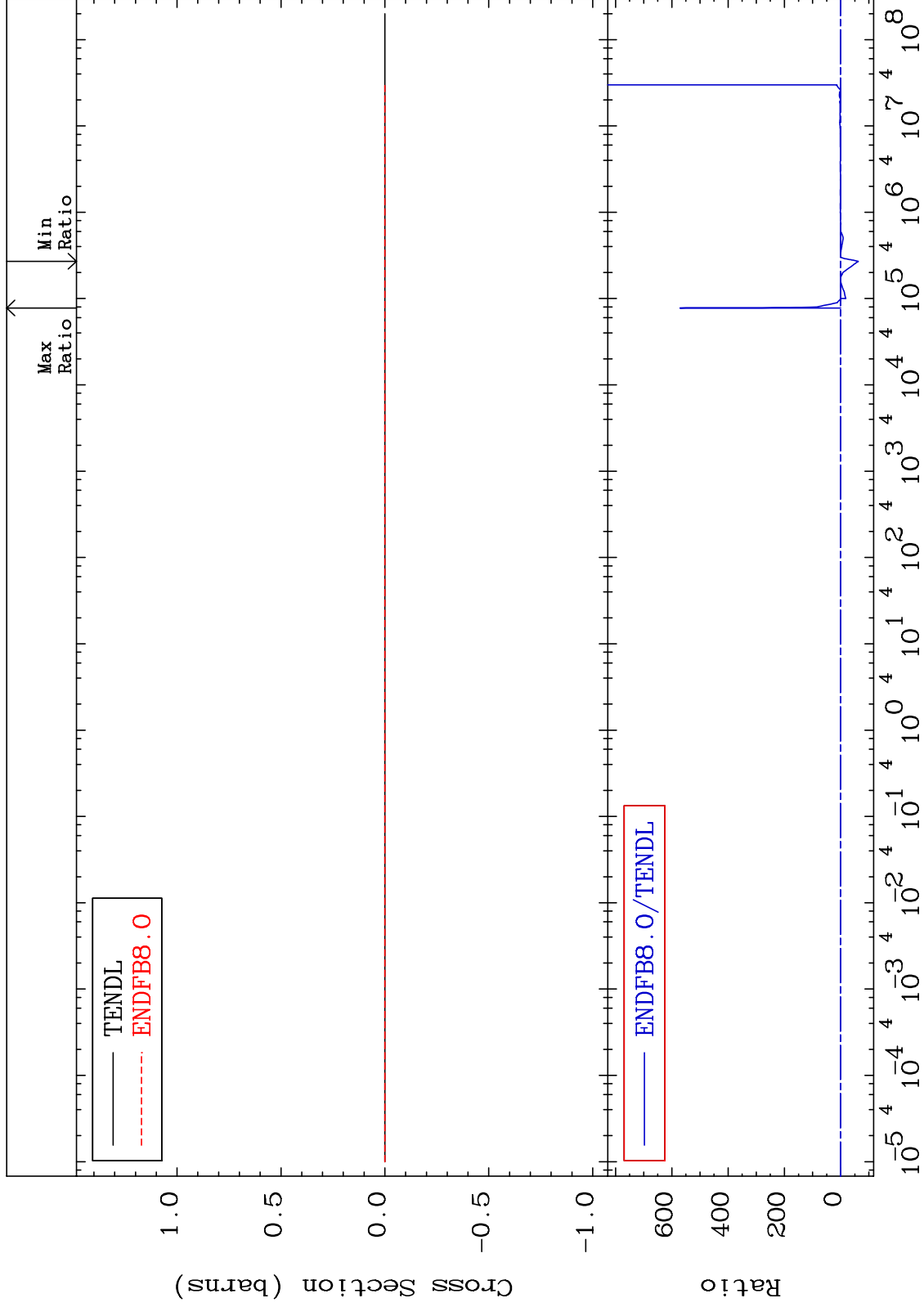
79-Au-197
-6395. To 9999. %



MAT 7925

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

79-Au-197
-6395. To 9999. %



30

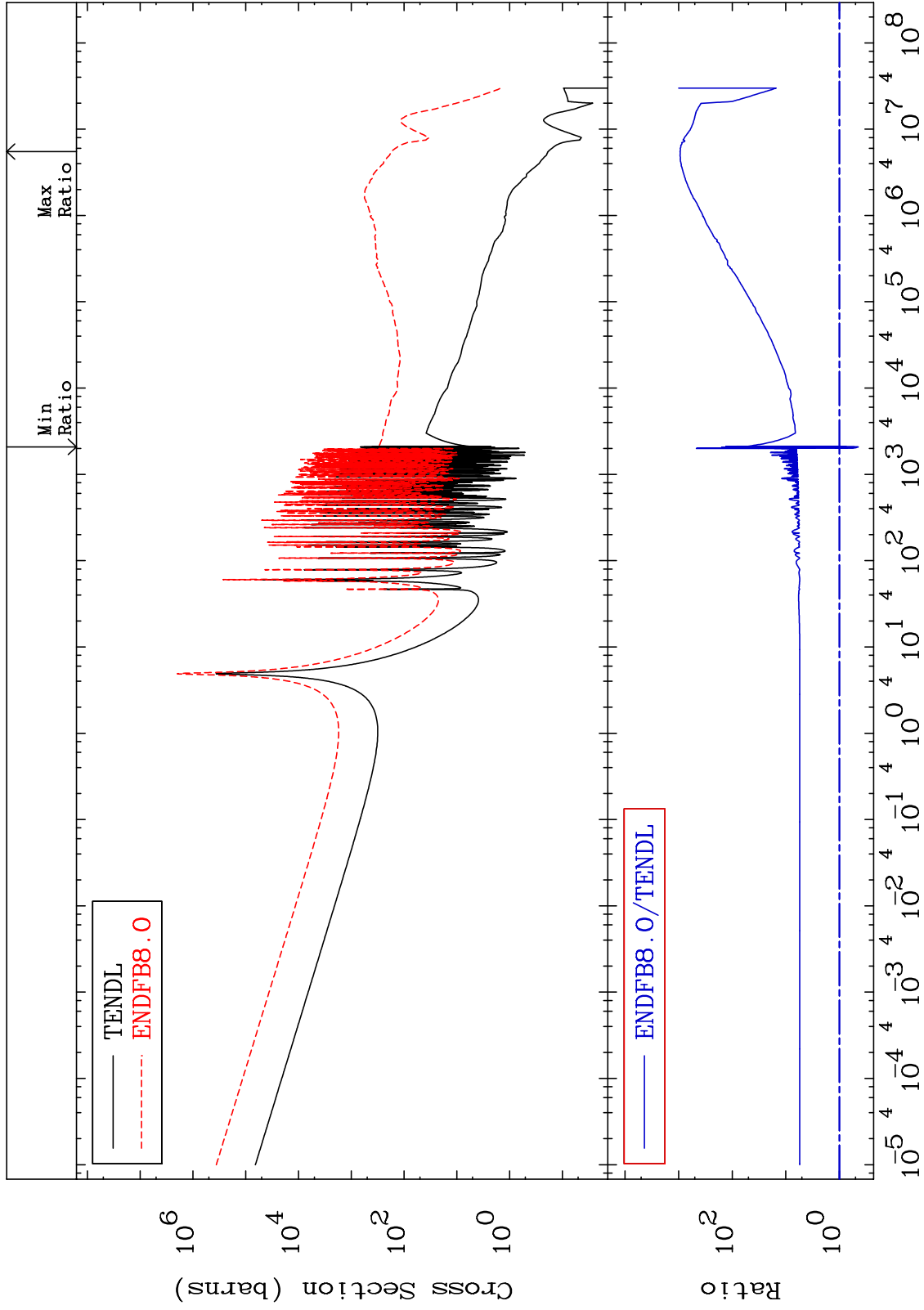
Incident Energy (eV)

79-Au-197

MAT 7925

Kerma capture (mt102)
Cross Section

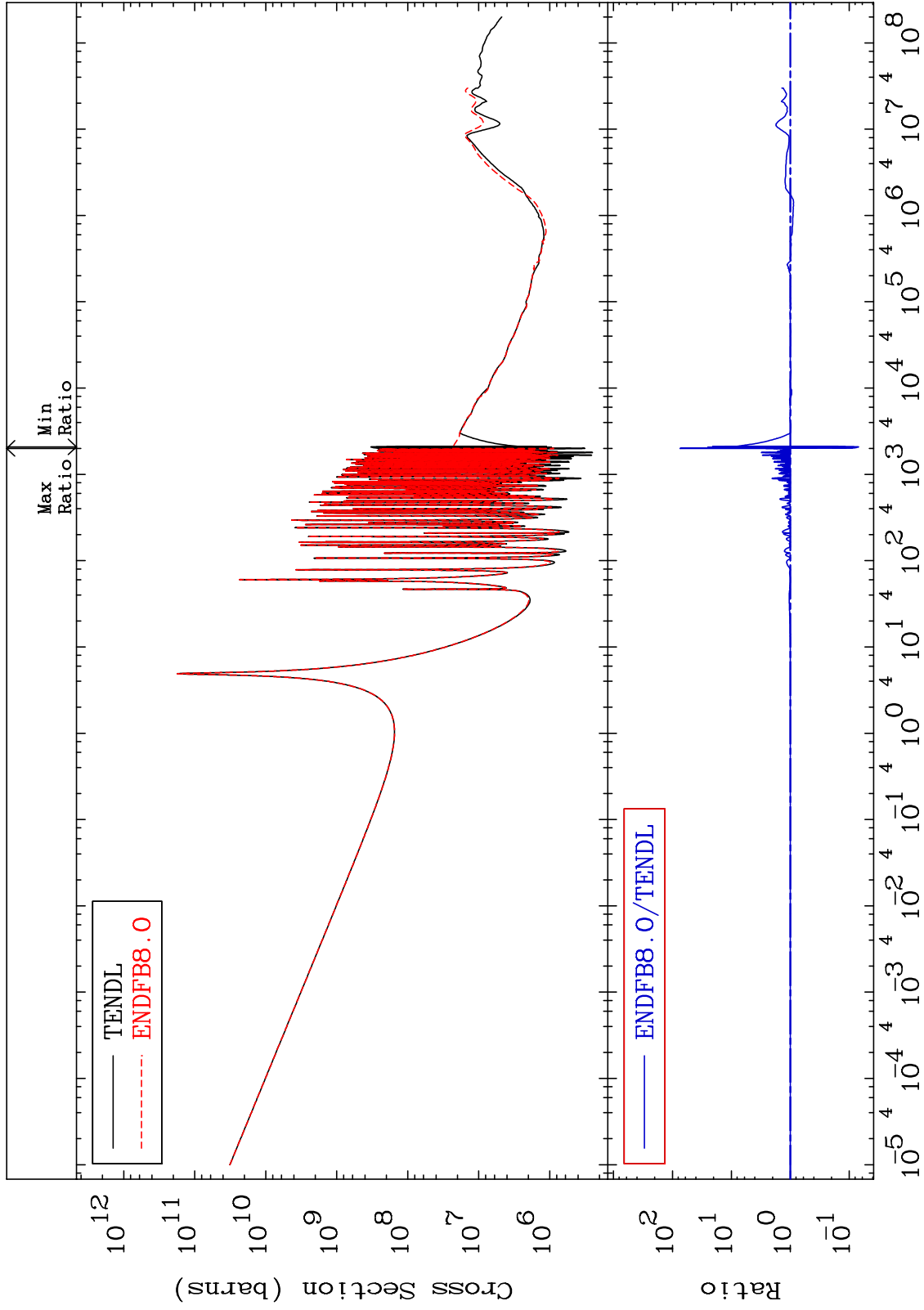
79-Au-197
-55.71 To 9999. %



MAT 7925

Total photon (eV-barns)
Cross Section

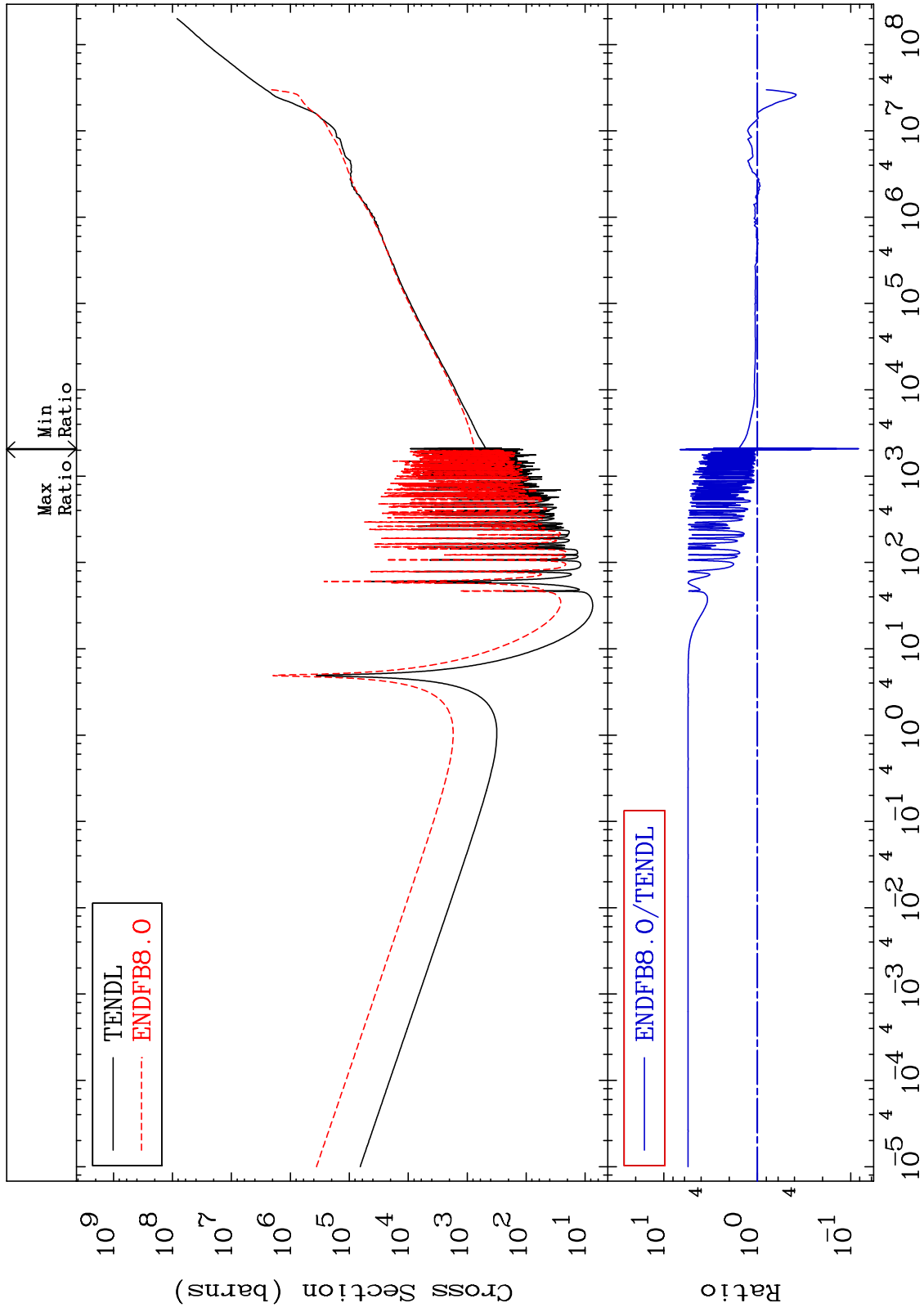
79-Au-197
-93.00 To 7336. %



MAT 7925

Total kinematic kerma (high limit)
Cross Section

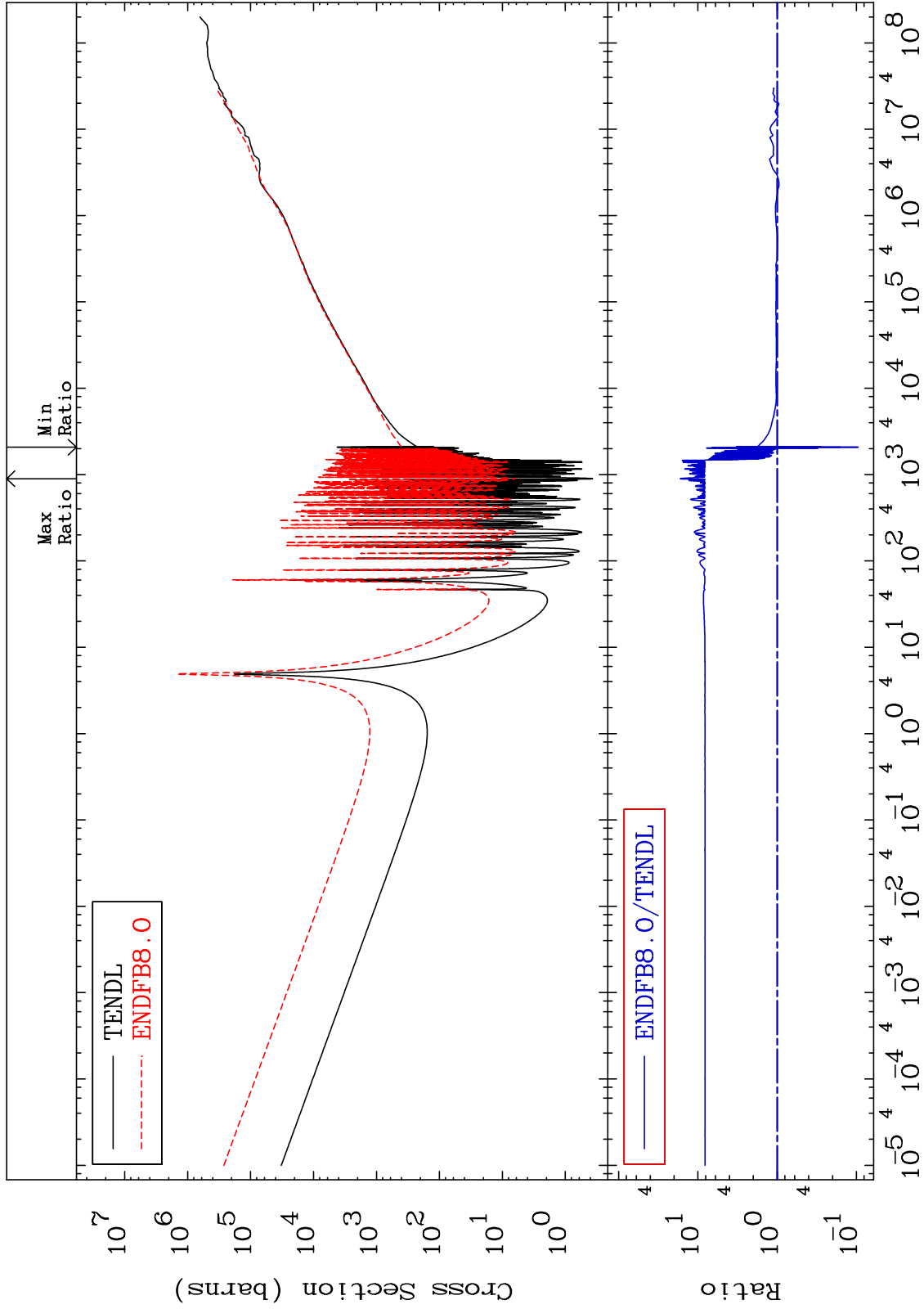
79-Au-197
-91.73 To 571.9 %



MAT 7925

Dpa total (eV-barns)
Cross Section

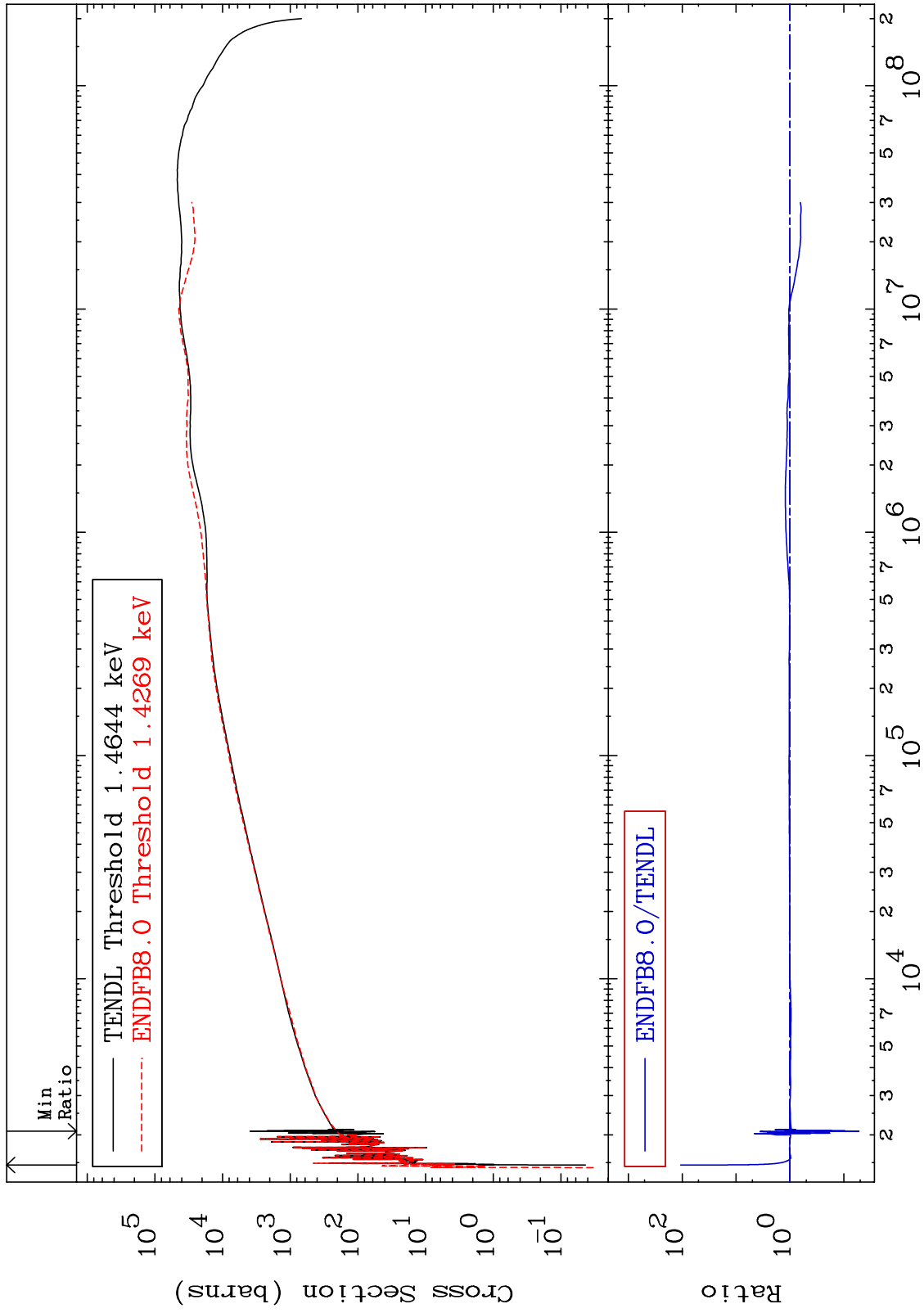
79-Au-197
-90.56 To 1583. %



MAT 7925

Dpa elastic (mt2)
Cross Section

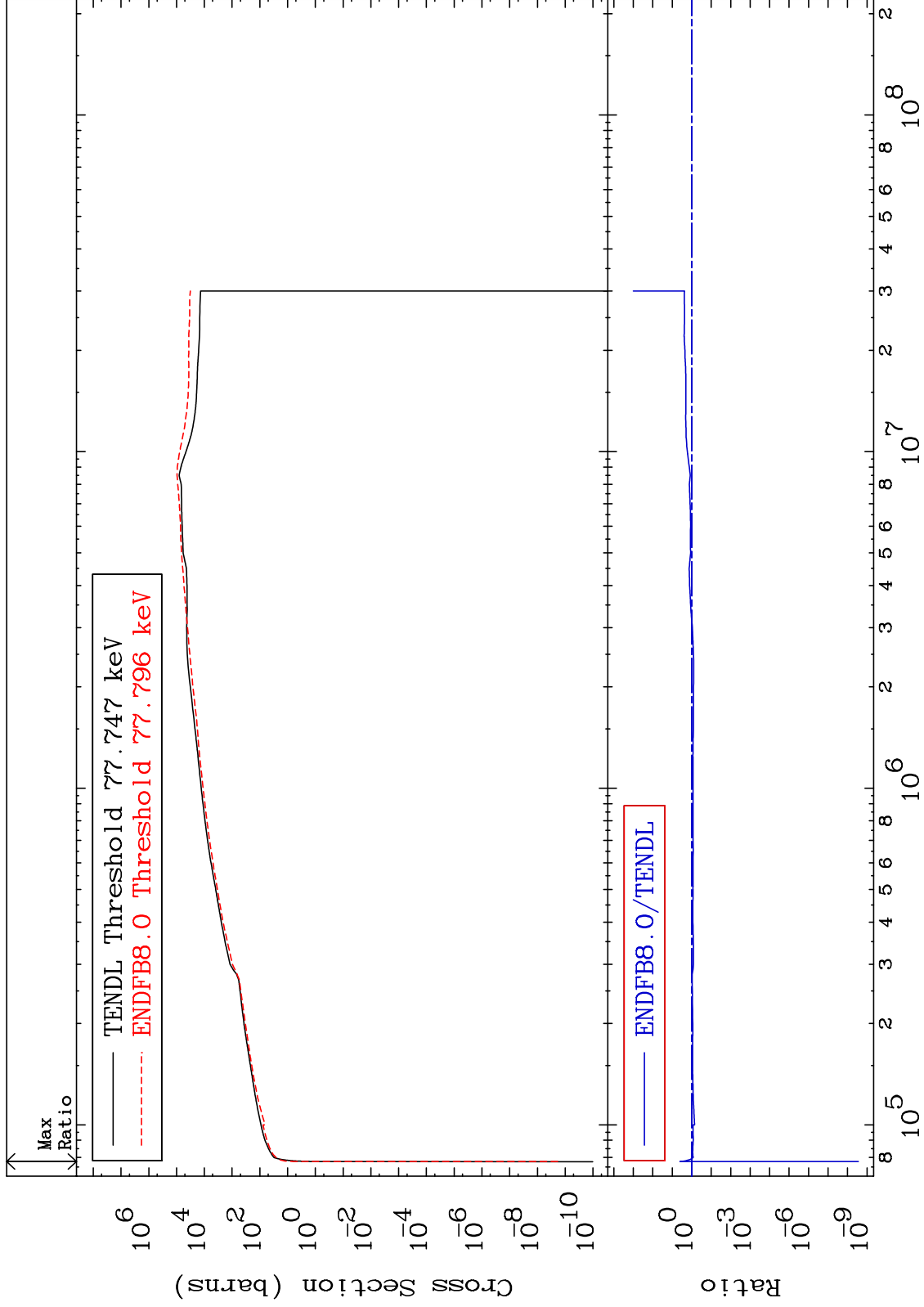
79-Au-197
-94.79 To 9999. %



MAT 7925

Dpa inelastic (mt51-91)
Cross Section

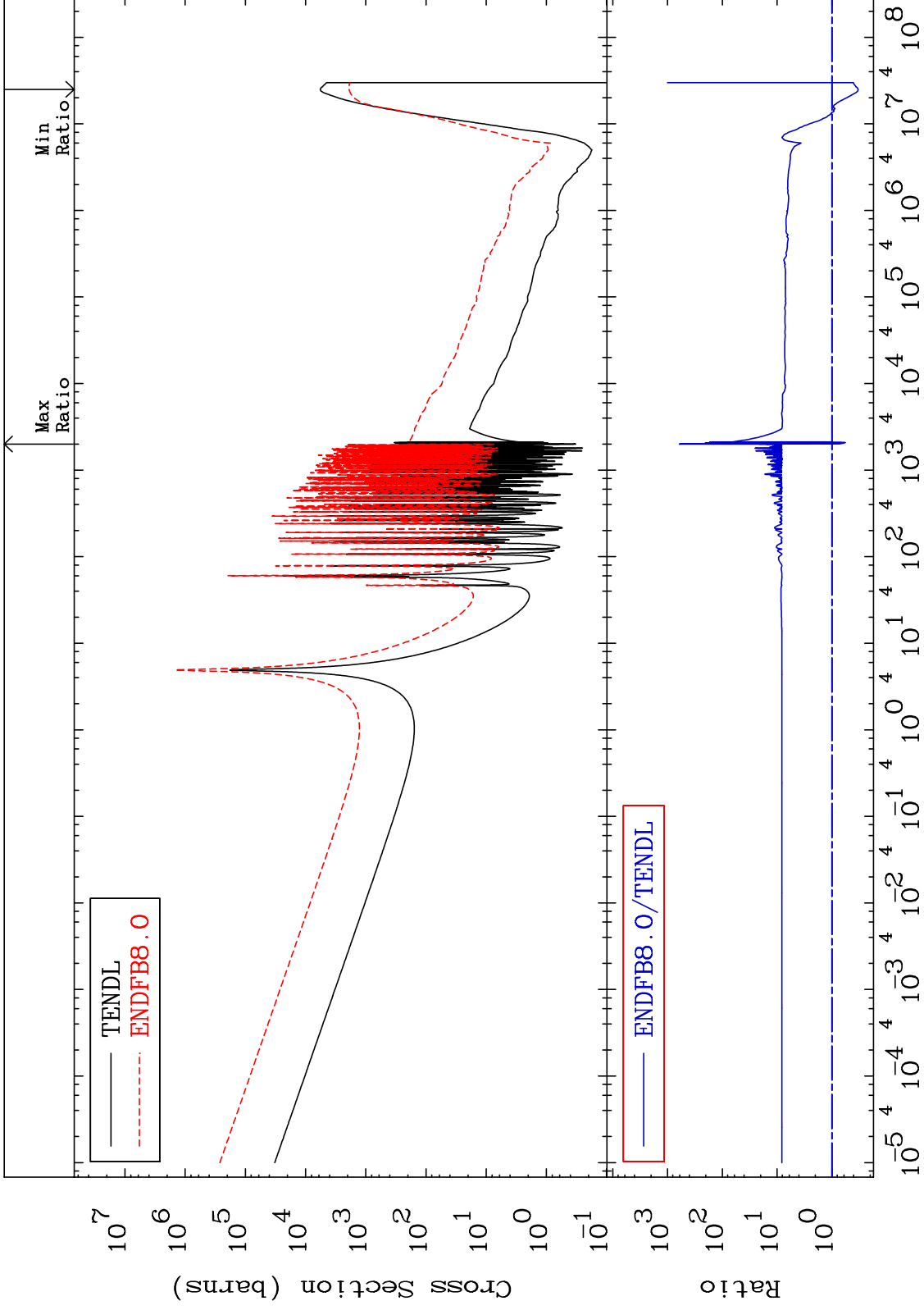
79-Au-197
-100.0 To 299.4 %



MAT 7925

Dpa disappearance (mt102 -120)
Cross Section

79-Au-197
-66.97 To 9999. %



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Incident Energy (eV)

79-Au-197