

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

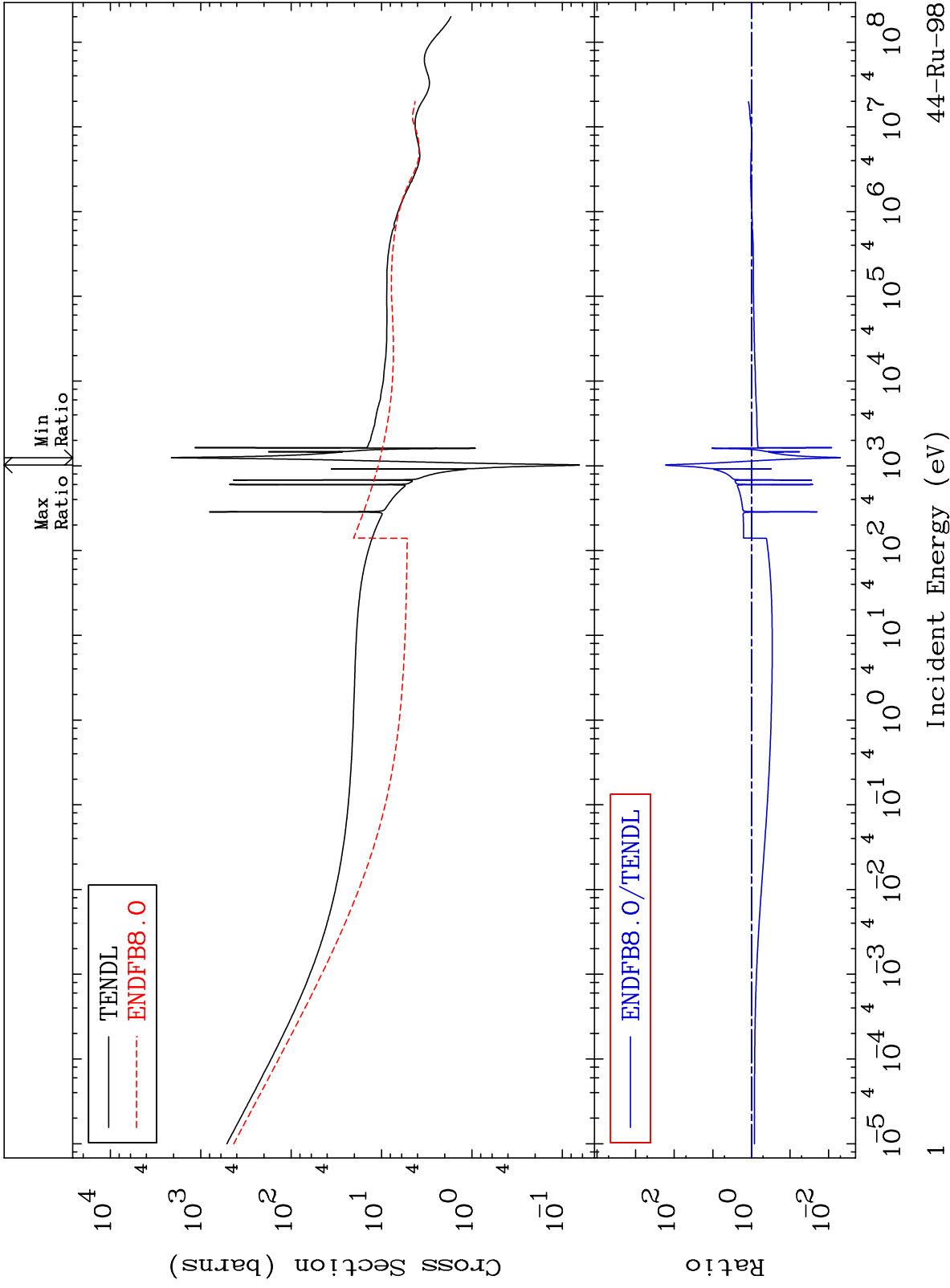
MAT 4431

Total

44-Ru-98

-99.51 To 9999. %

Cross Section



44-Ru-98

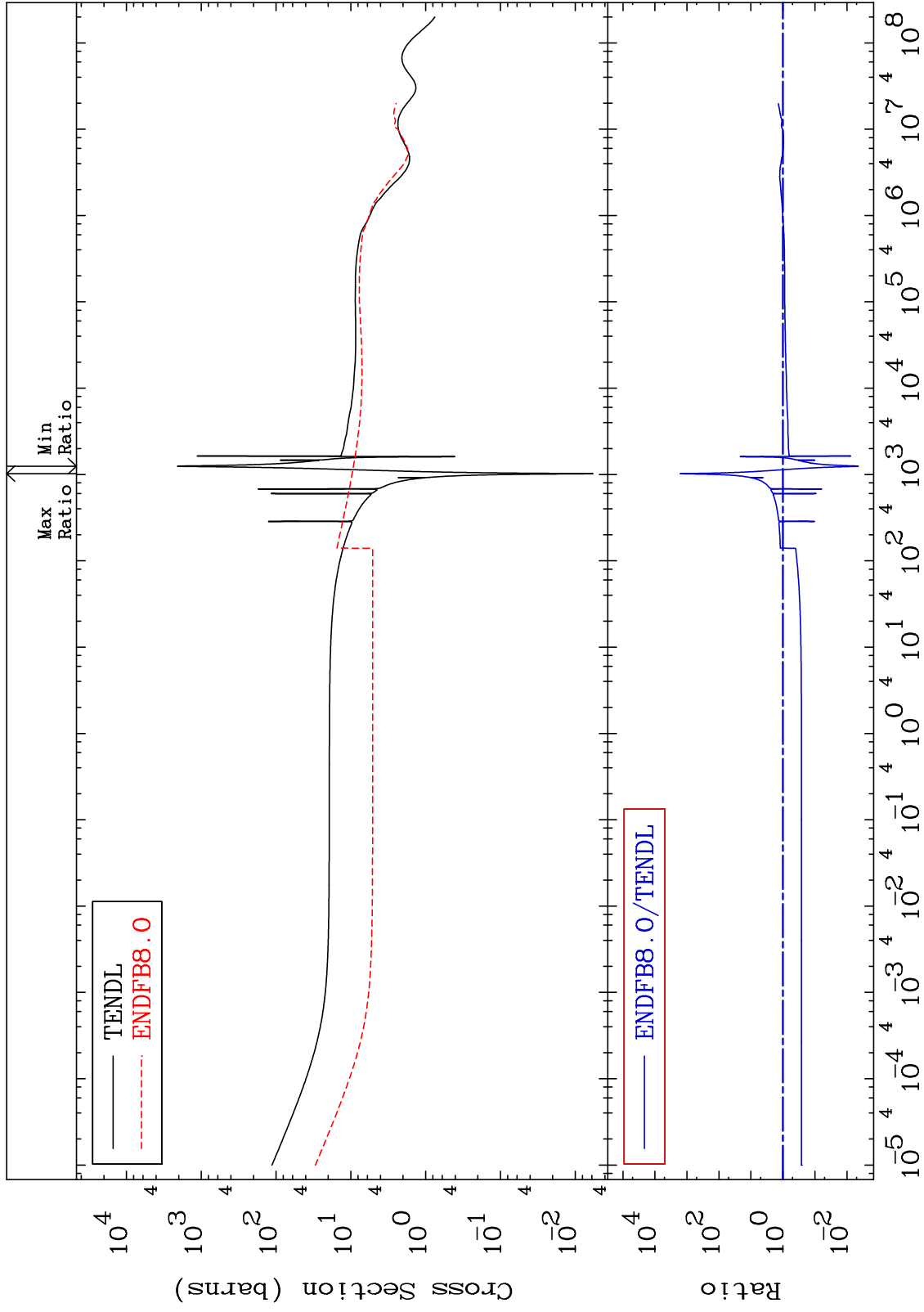
MAT 4431

Elastic

44-Ru-98

Cross Section

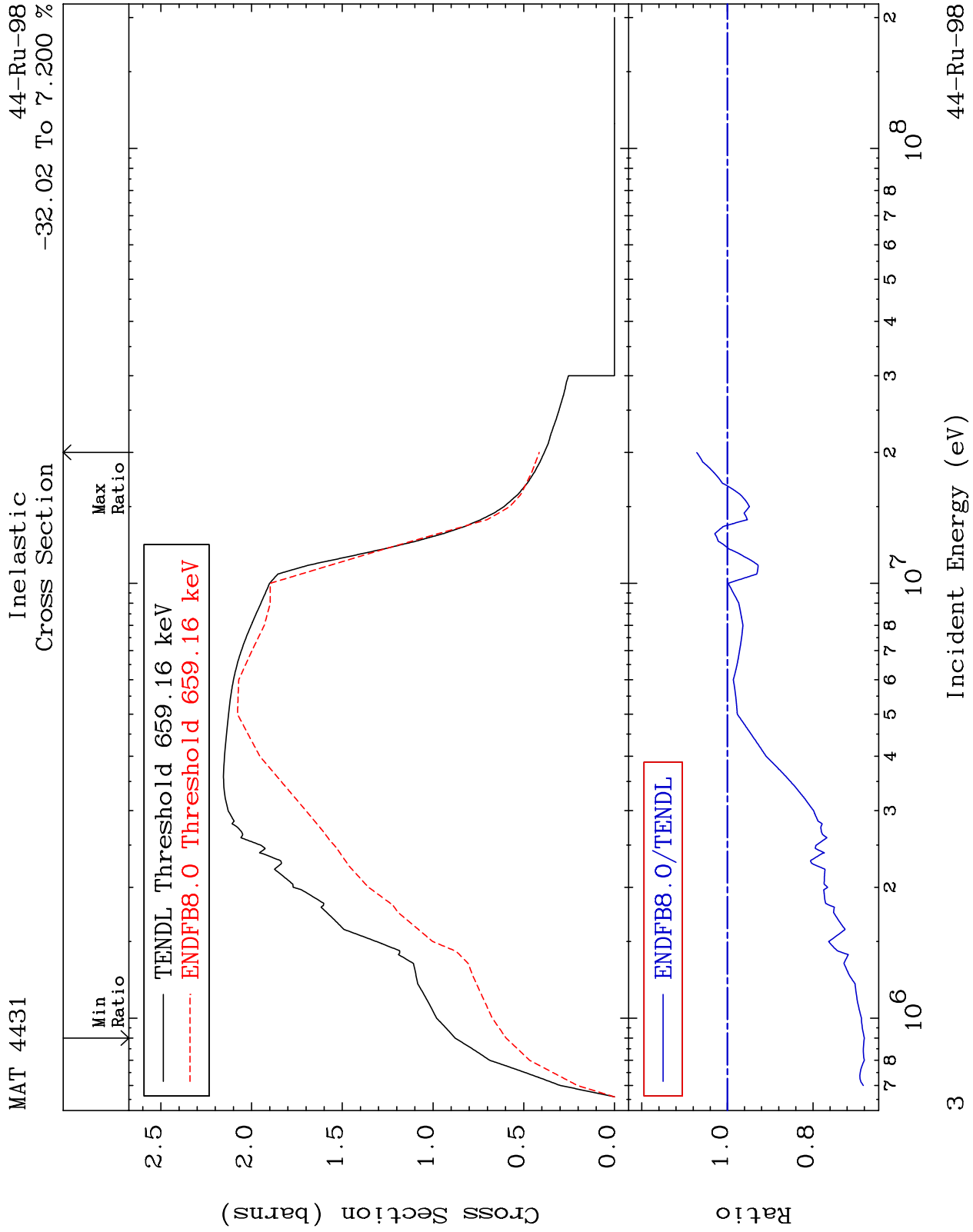
-99.56 To 9999. %



Incident Energy (eV)

44-Ru-98

2



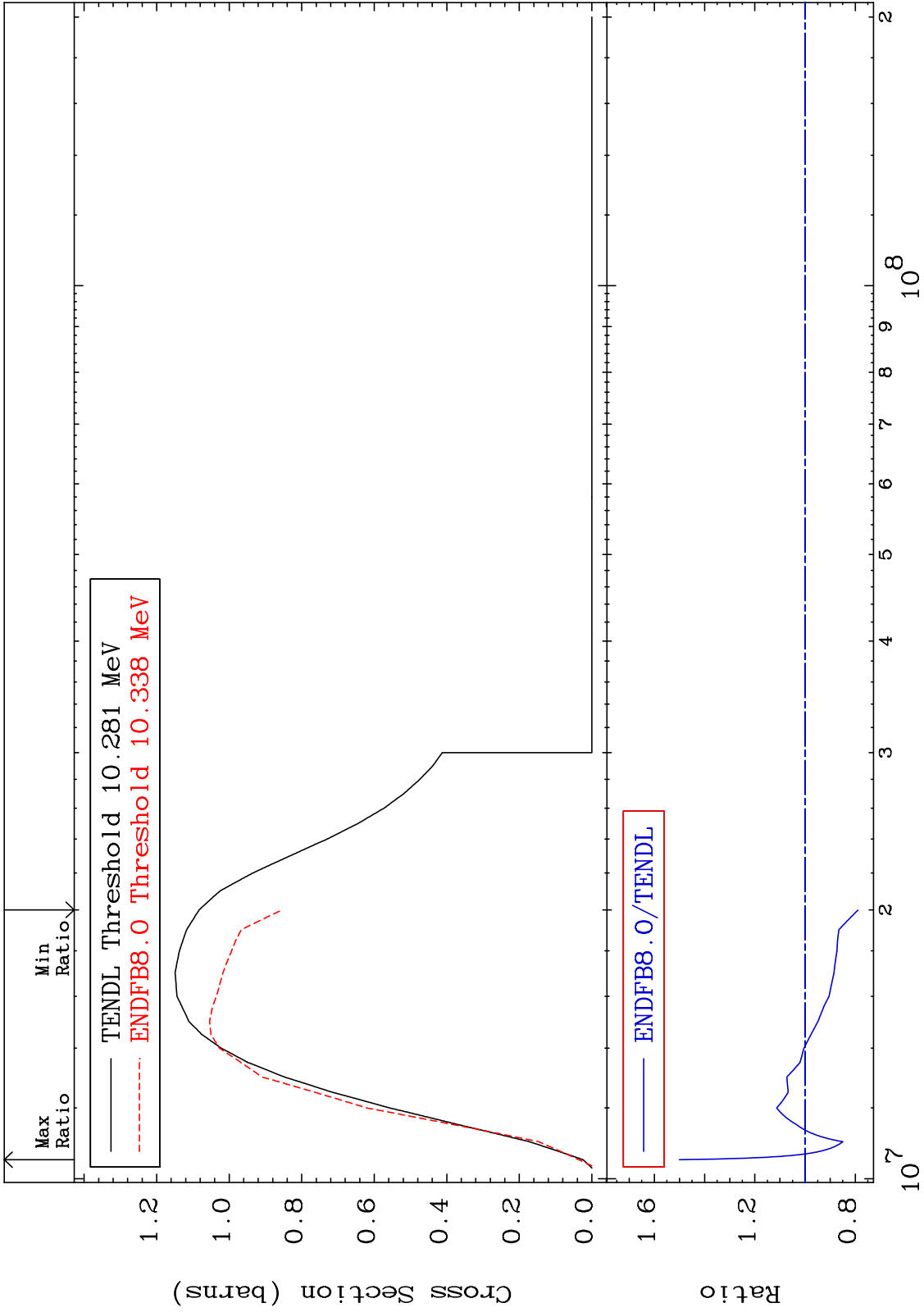
MAT 4431

(n,2n)

44-Ru-98

Cross Section

-21.16 To 50.04 %



44-Ru-98

44-Ru-98

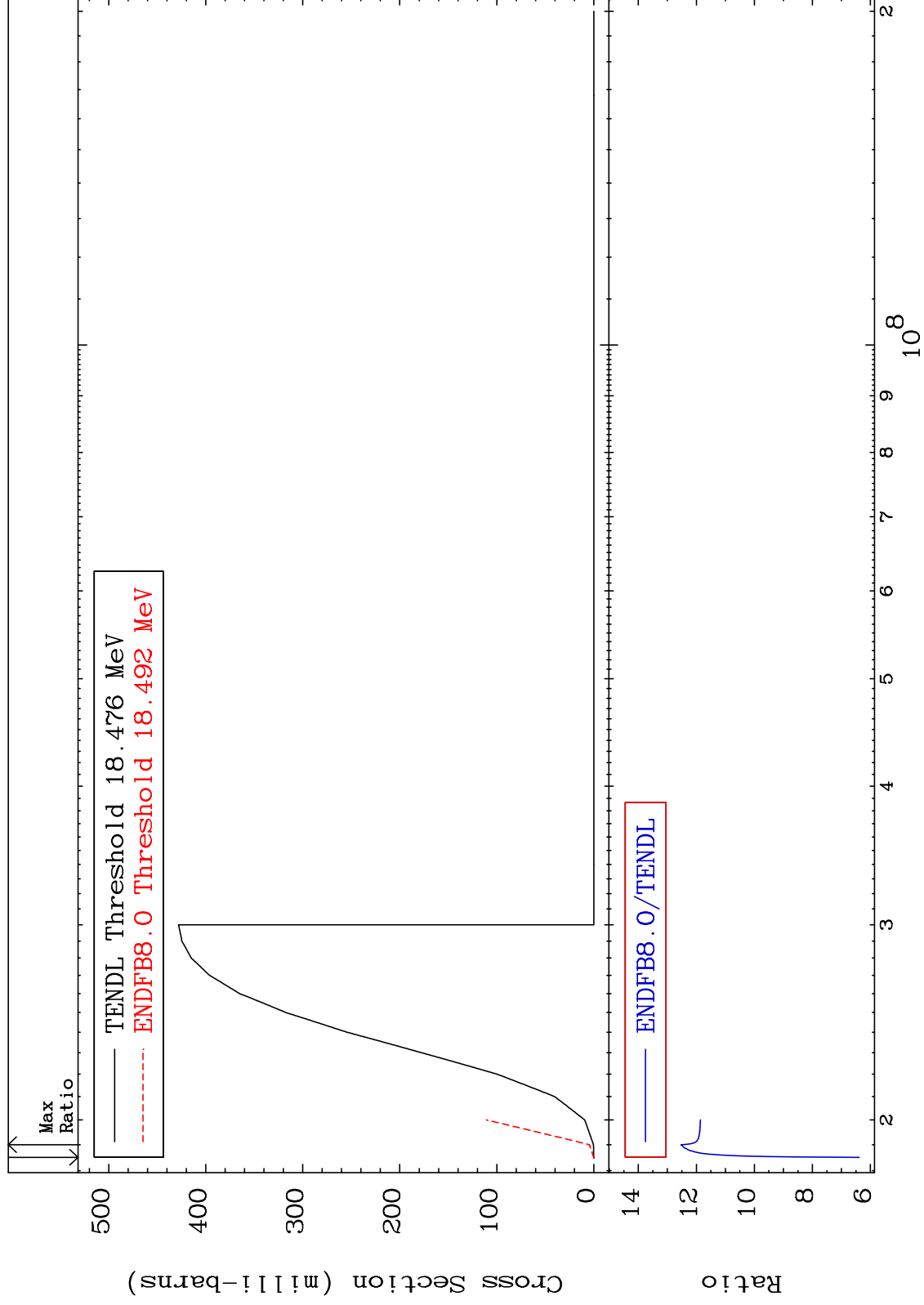
MAT 4431

(n,3n)

44-Ru-98

Cross Section

538.4 To 1153. %



5

Incident Energy (eV)

44-Ru-98

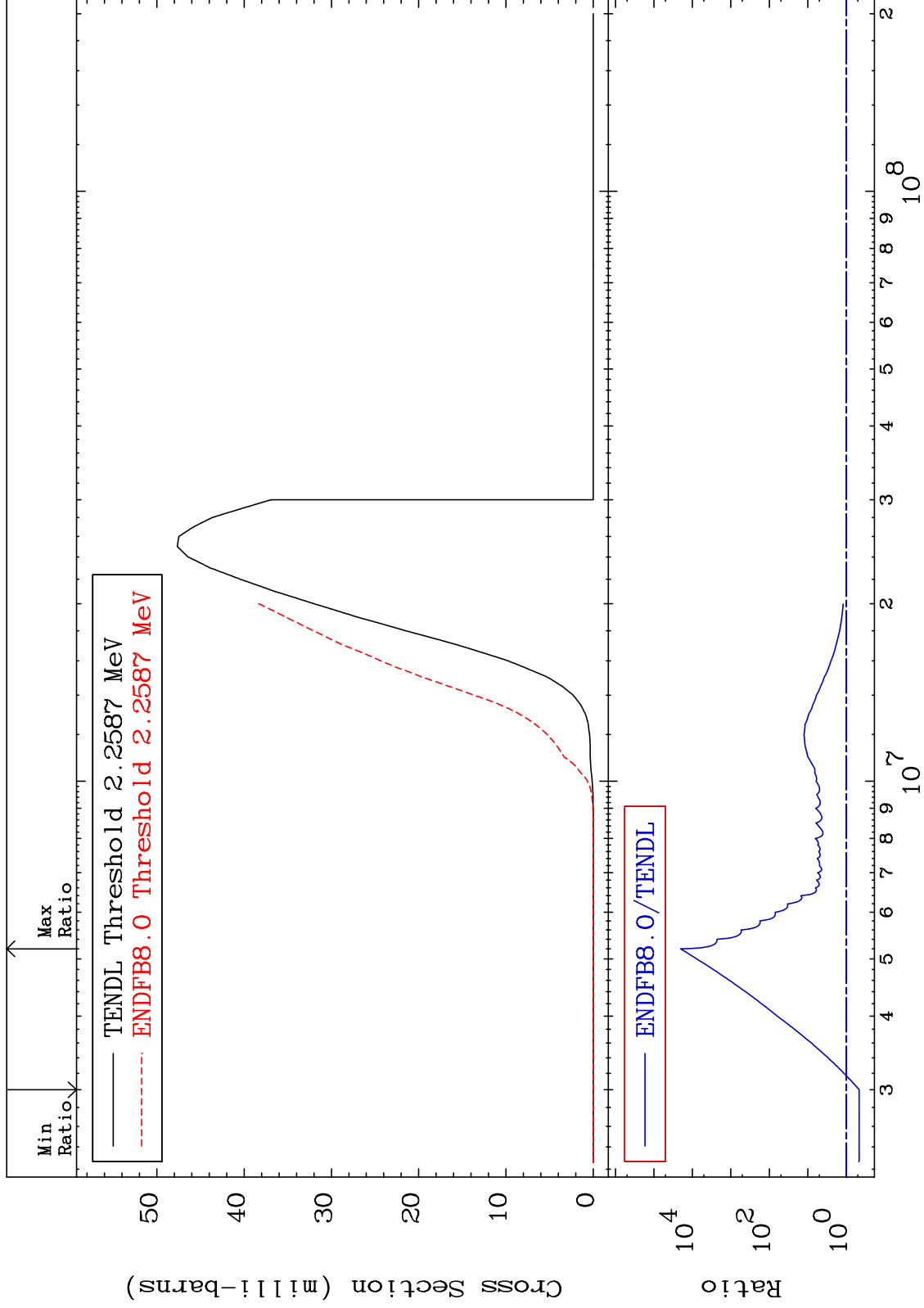
MAT 4431

(n,n') α

44-Ru-98

Cross Section

-53.83 To 9999. %



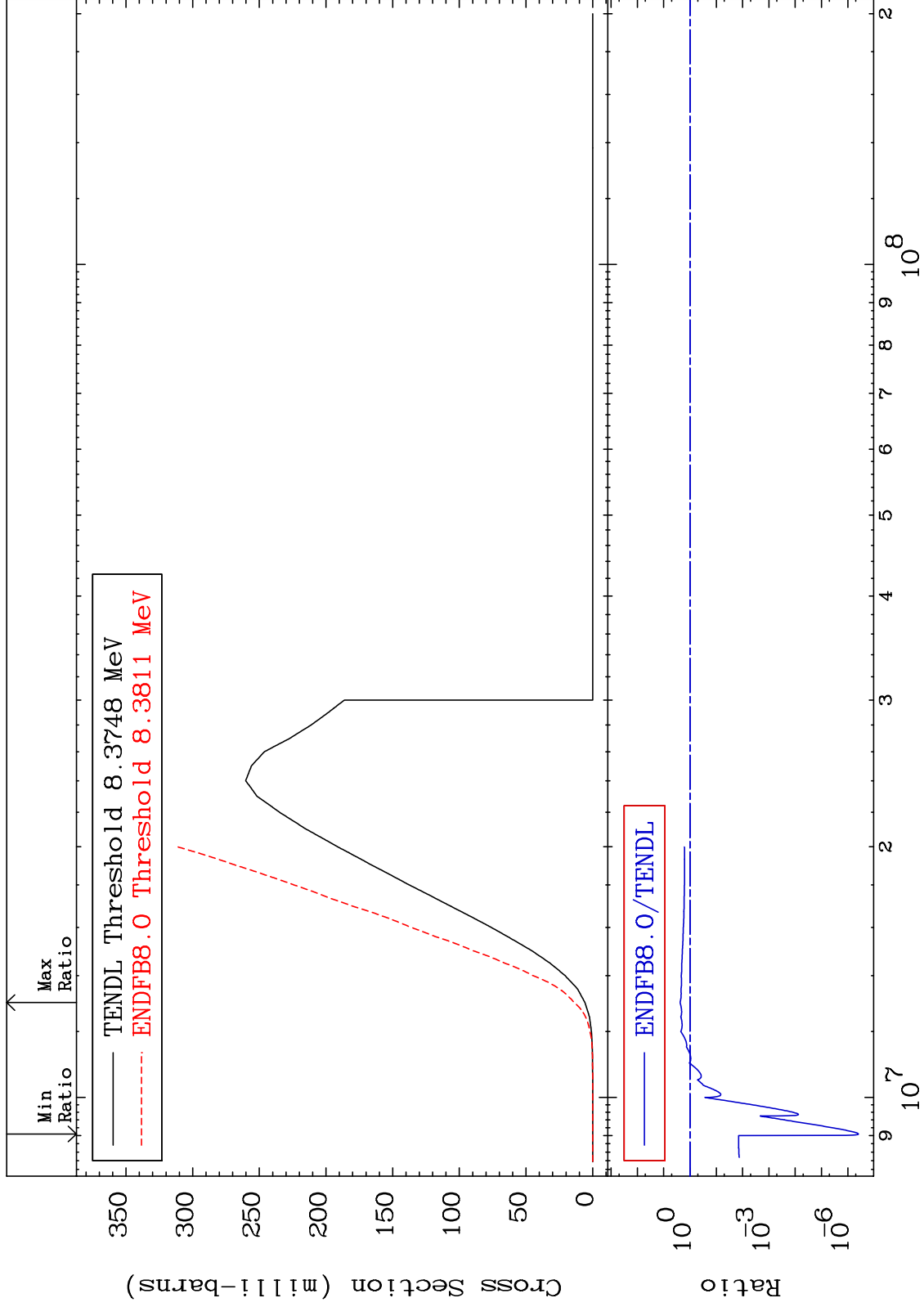
MAT 4431

(n,n') p

44-Ru-98

Cross Section

-100.0 To 139.3 %



7

Incident Energy (eV)

44-Ru-98

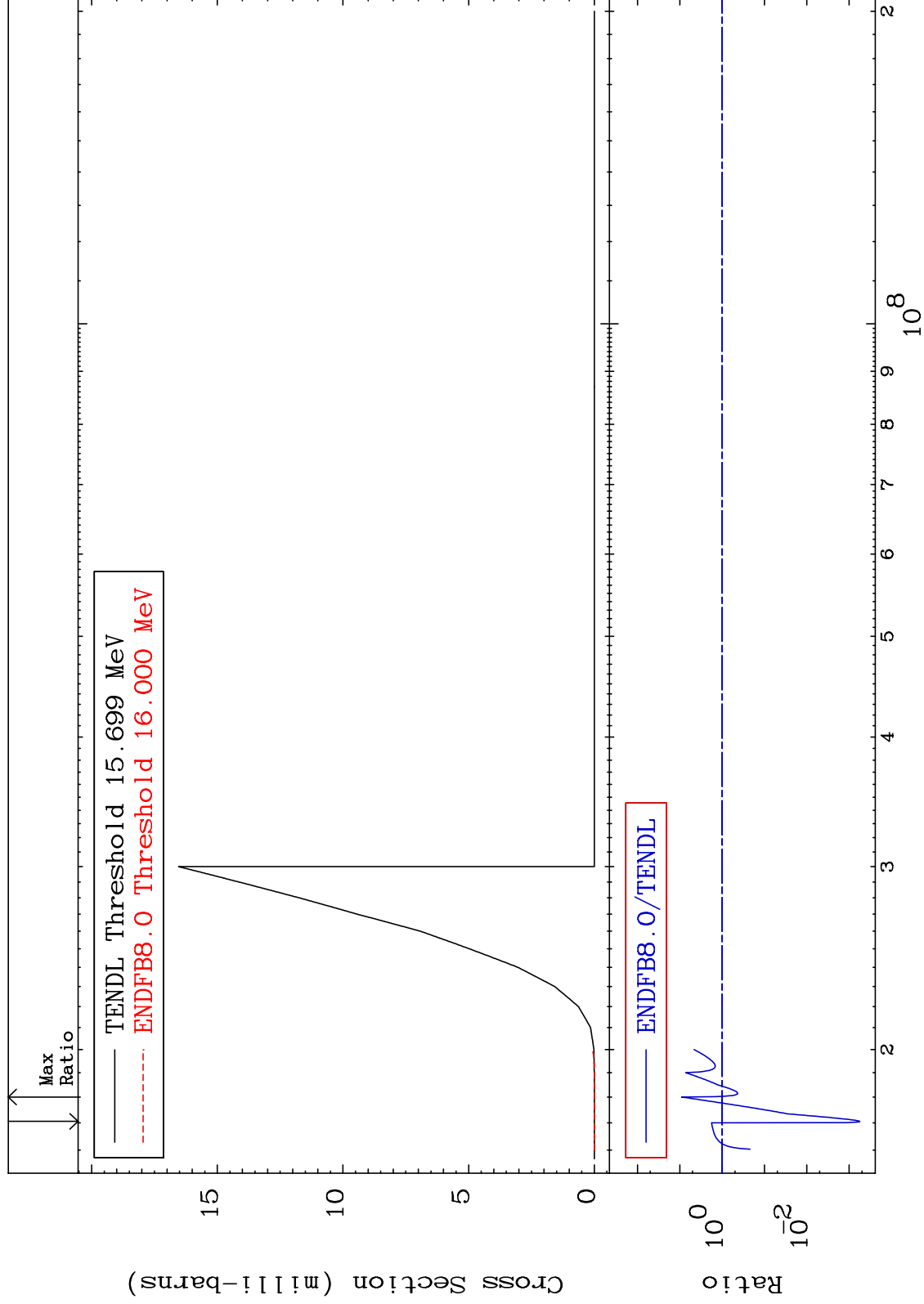
MAT 4431

(n,n') d

44-Ru-98

Cross Section

-99.94 To 805.8 %

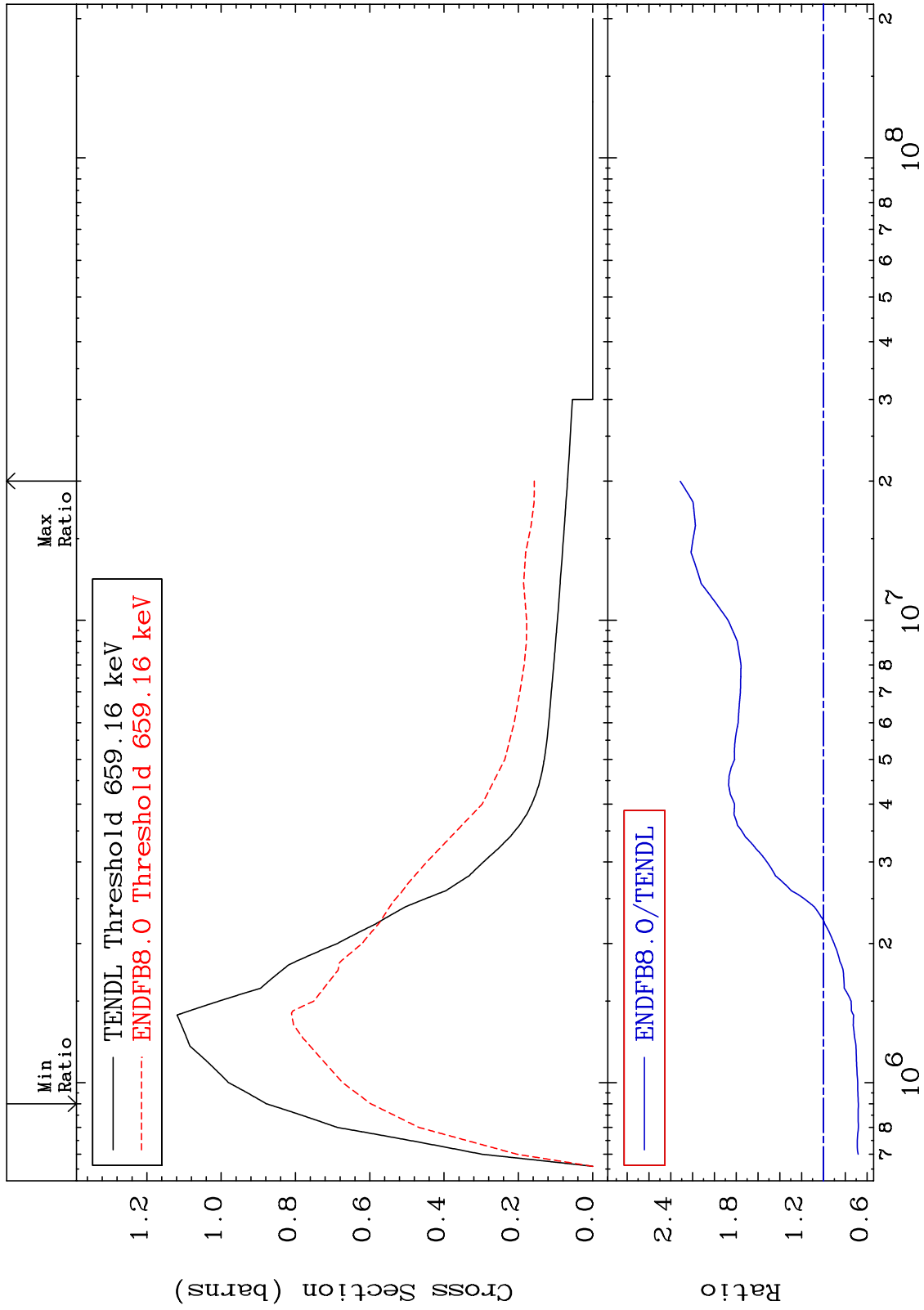


8

Incident Energy (eV)

44-Ru-98

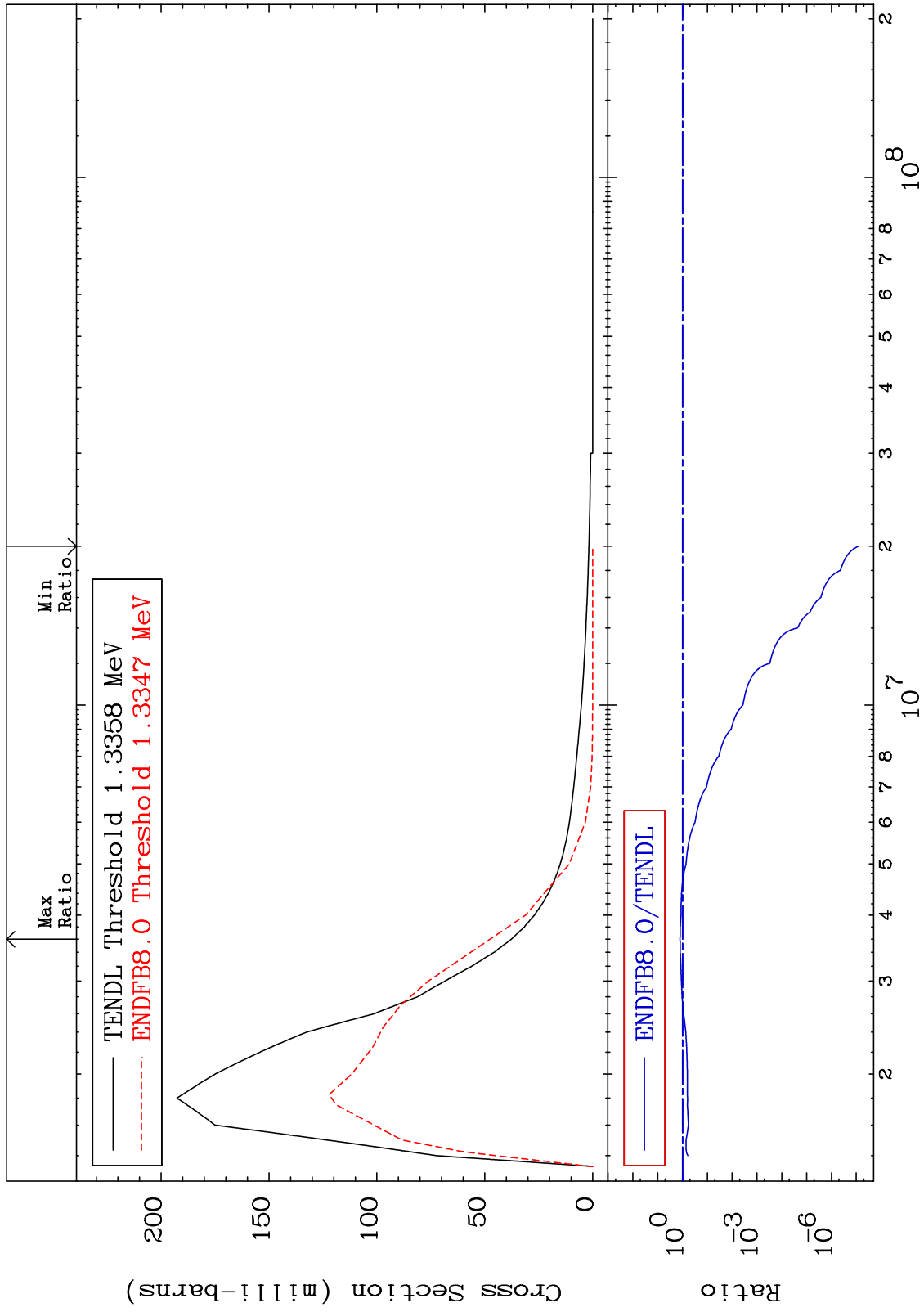
MAT 4431 MT= 51 (n,n') Level Cross Section 44-Ru-98
 -32.02 To 131.6 %



MAT 4431

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

44-Ru-98
-100.0 To 26.16 %



10

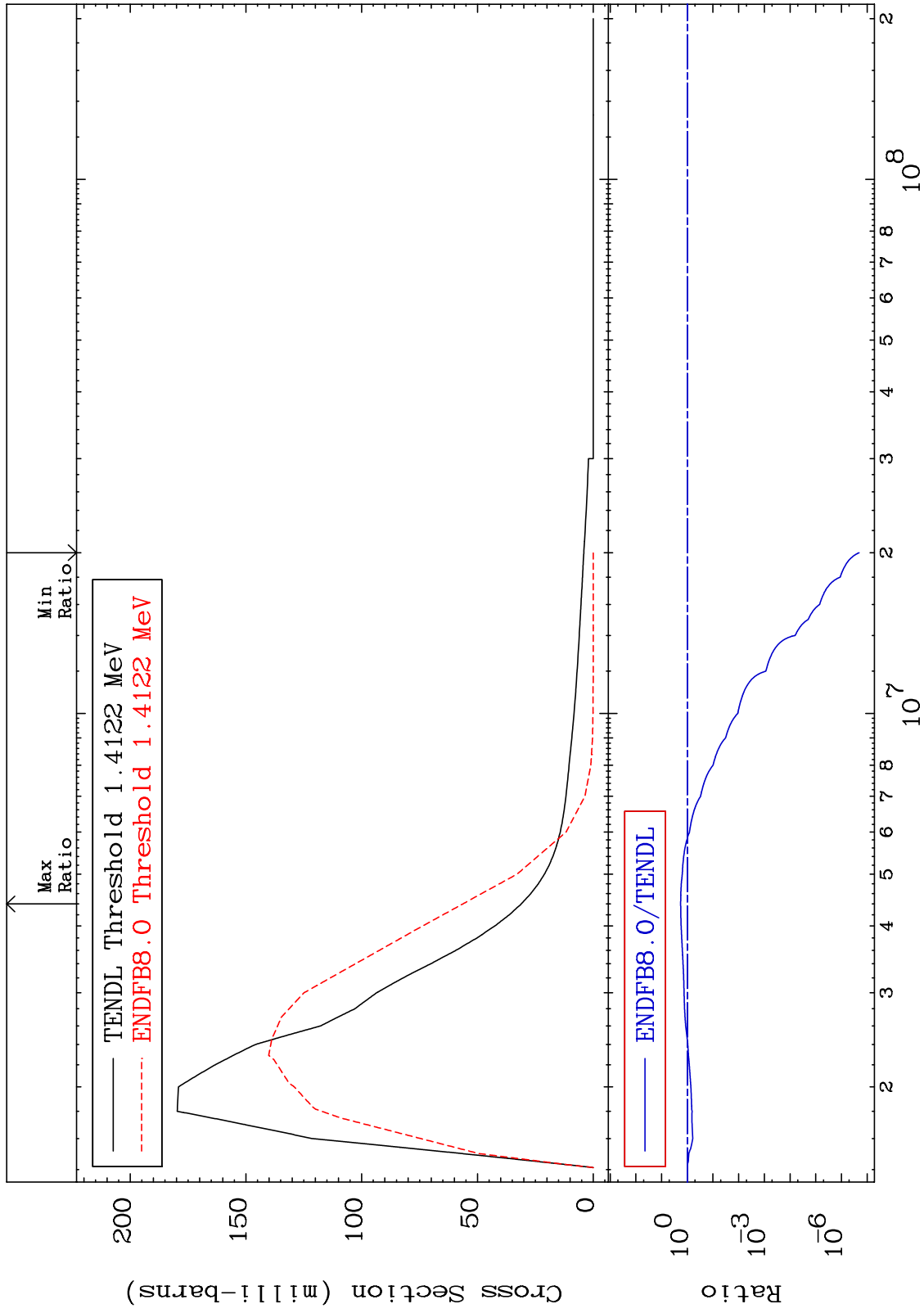
Incident Energy (eV)

44-Ru-98

MAT 4431

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

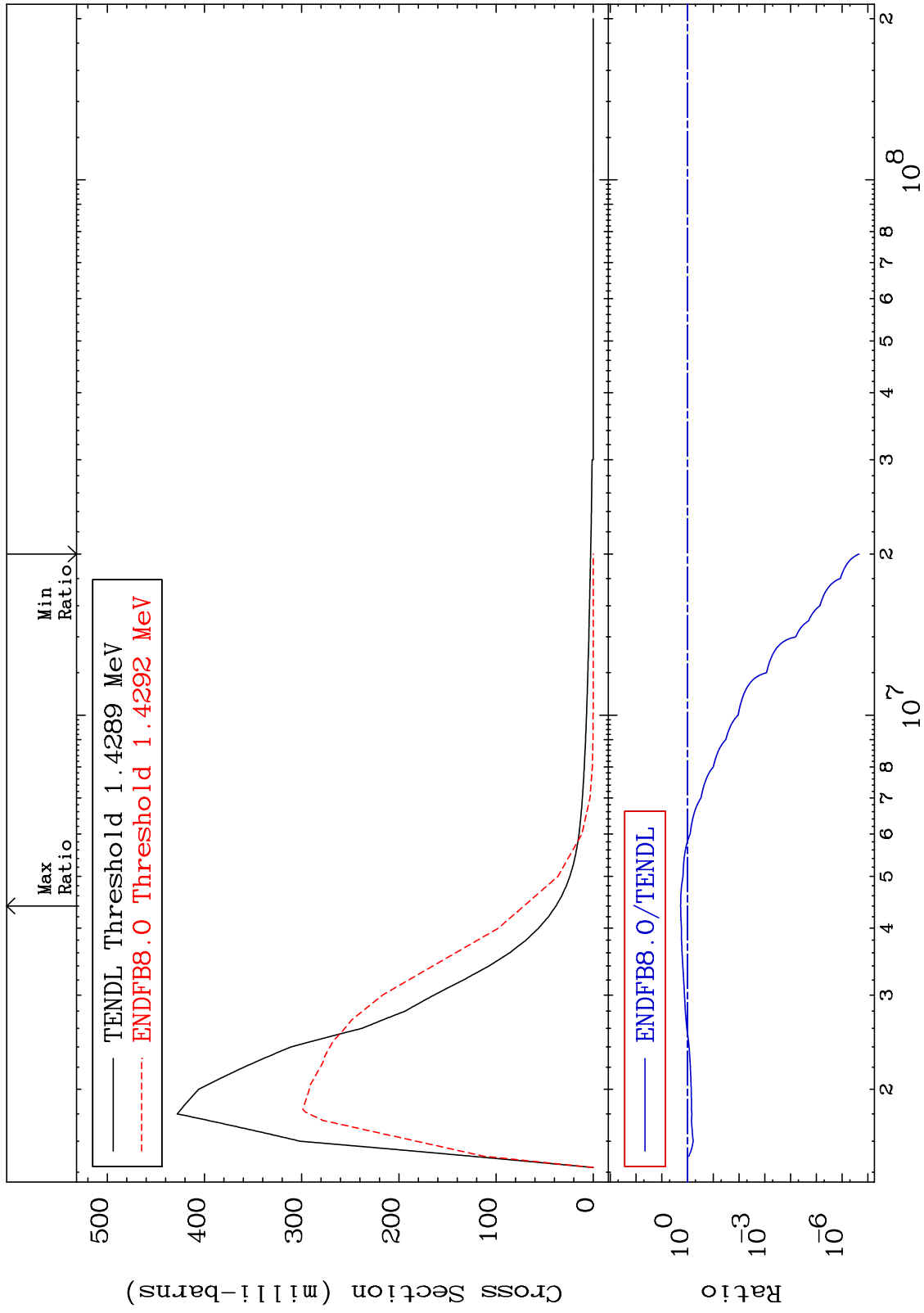
44-Ru-98
-100.0 To 81.39 %



MAT 4431

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

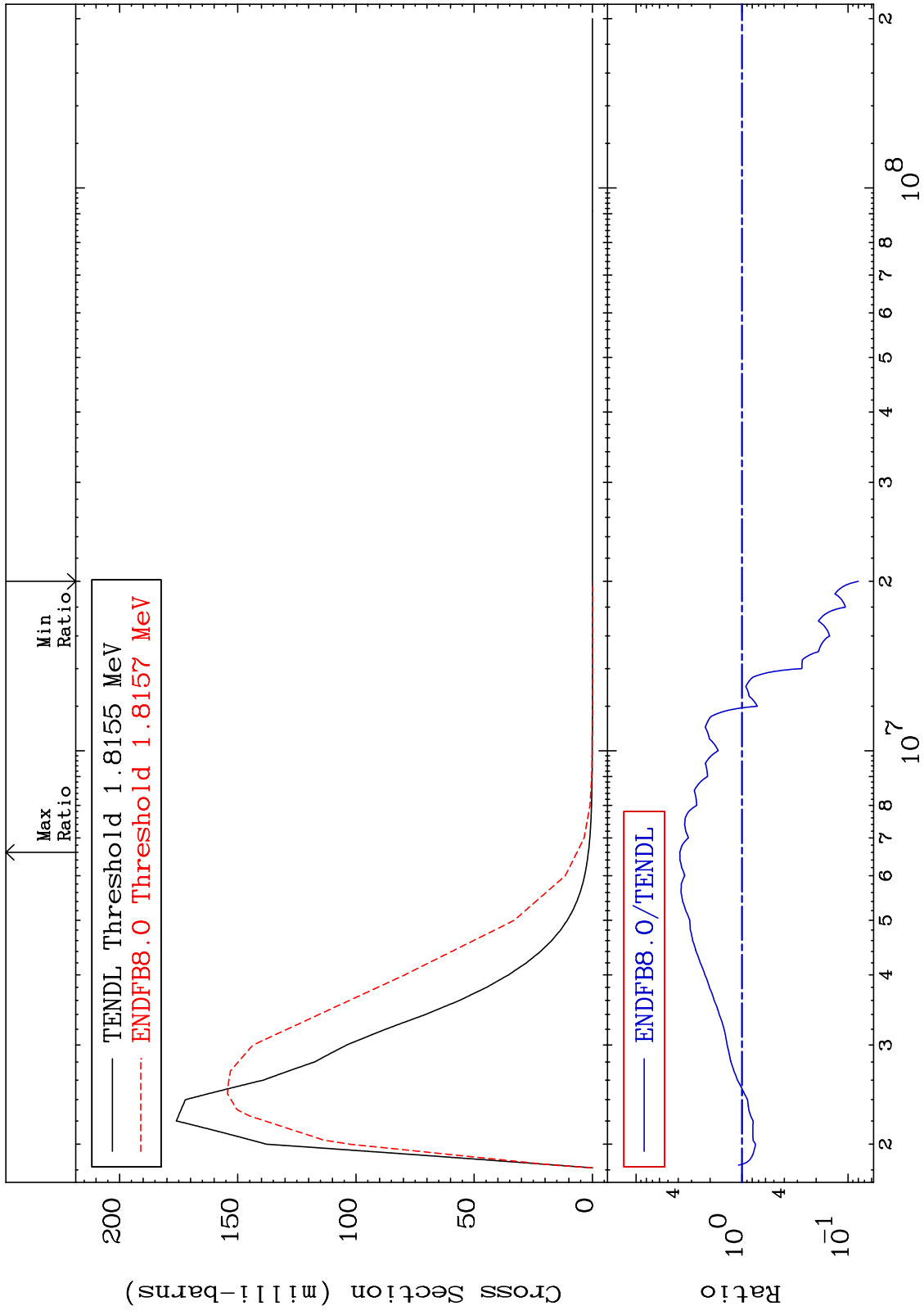
44-Ru-98
-100.0 To 86.28 %



MAT 4431

MT= 55 (n,n') Level
Cross Section

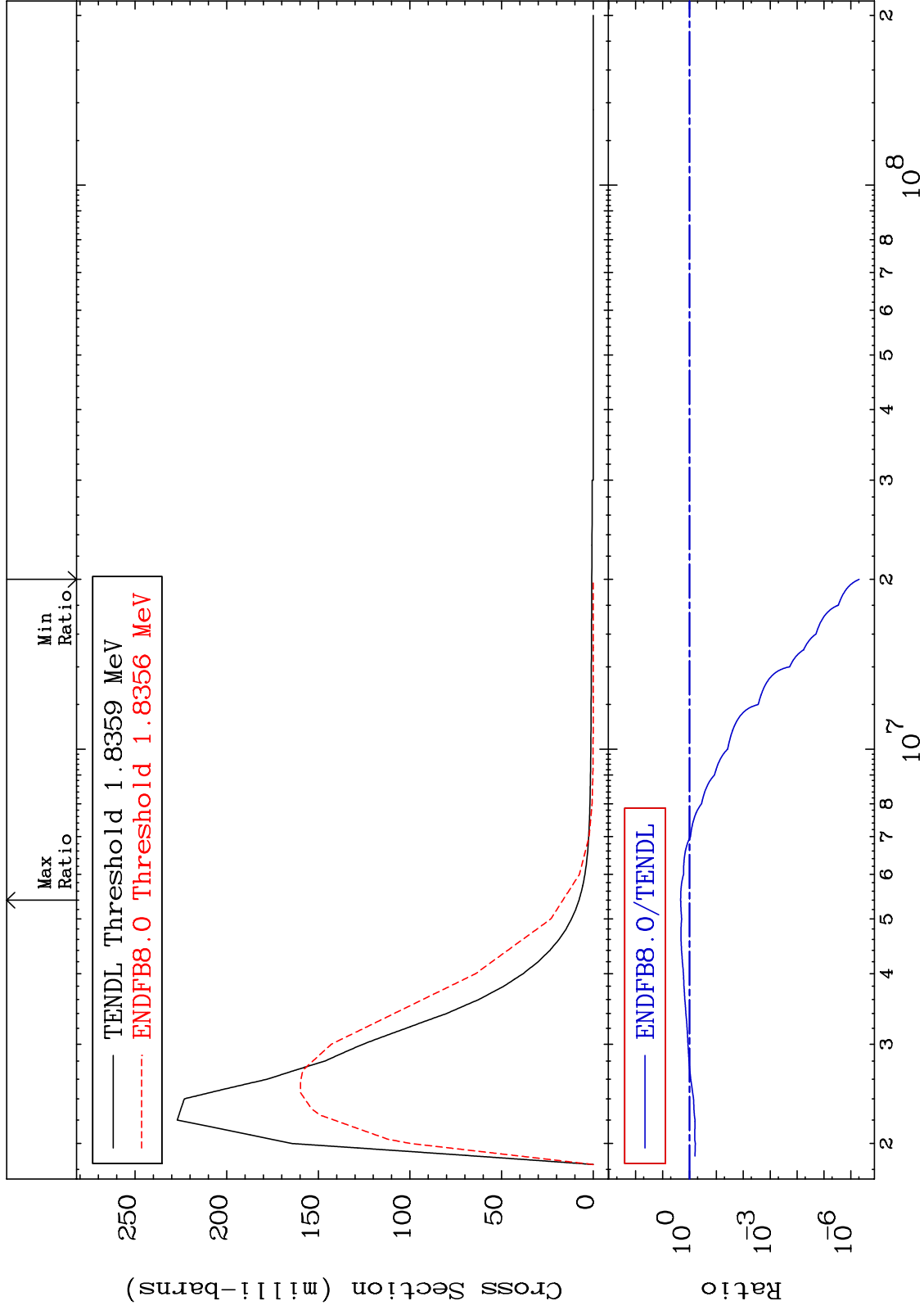
44-Ru-98
-92.01 To 286.3 %



MAT 4431

MT= 56 (n,n') Level
Cross Section

44-Ru-98
-100.0 To 113.0 %



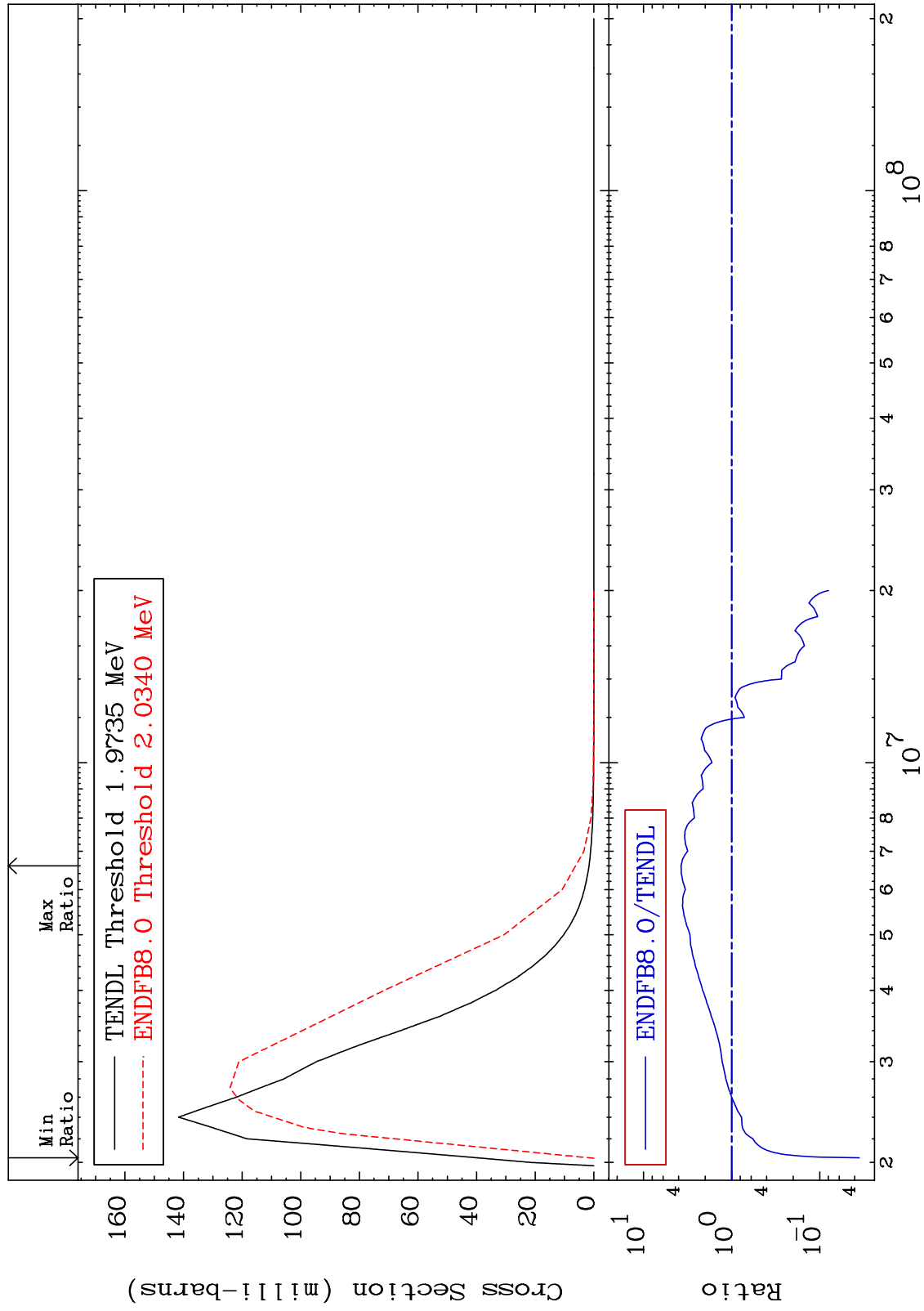
14

44-Ru-98

MAT 4431

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

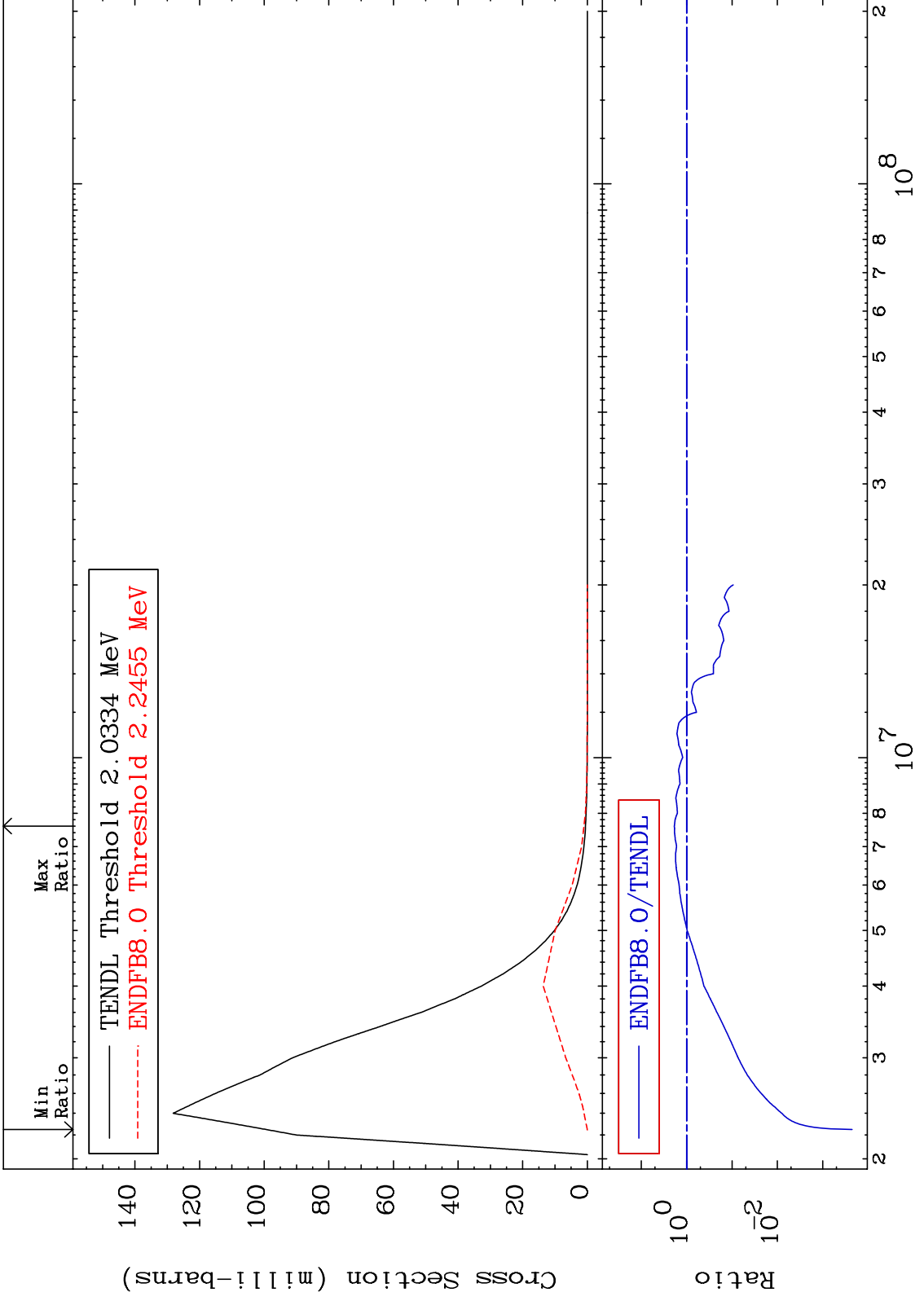
44-Ru-98
-96.45 To 275.5 %



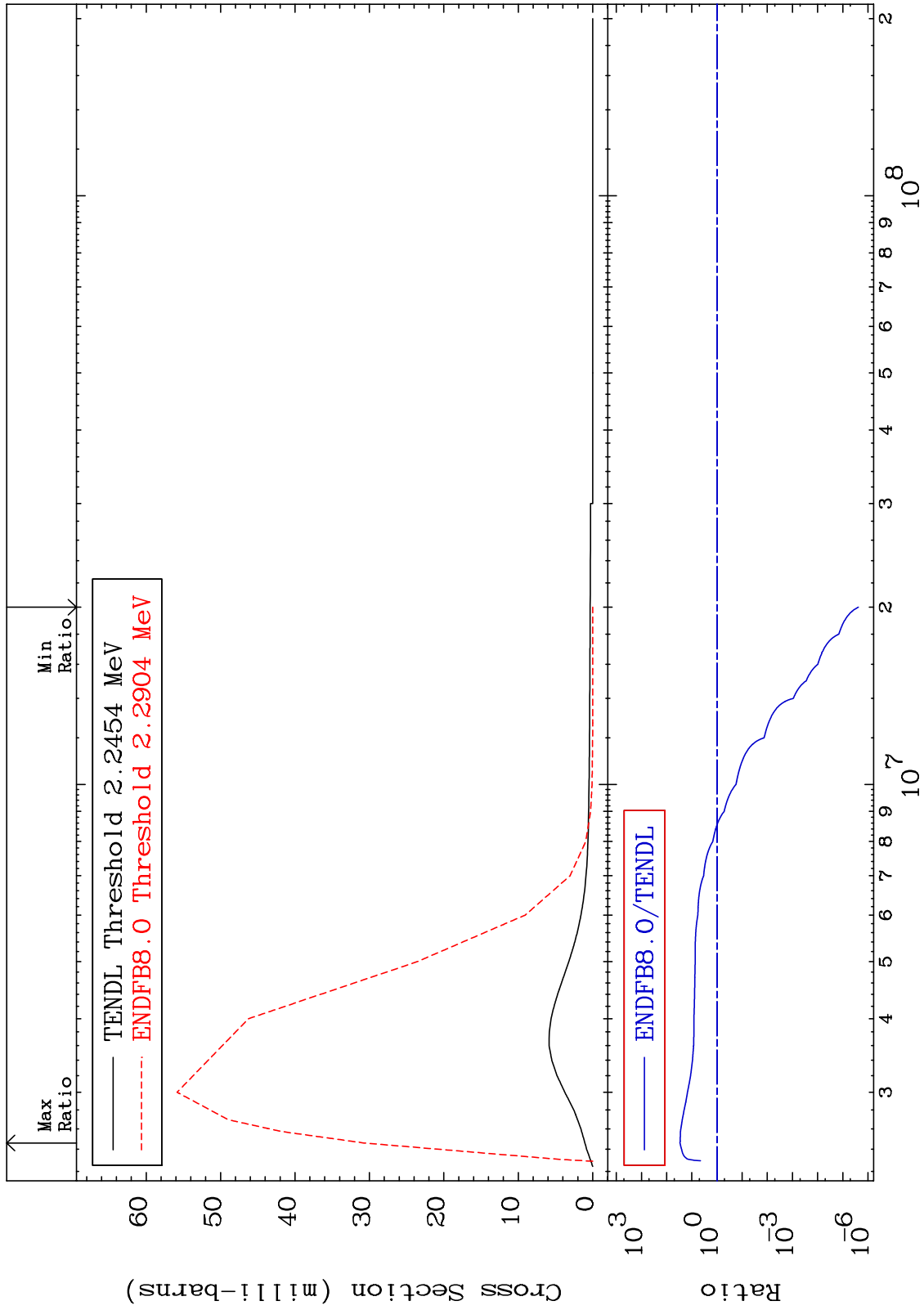
MAT 4431

MT= 58 (n,n') Level
Cross Section

44-Ru-98
-99.98 To 86.90 %



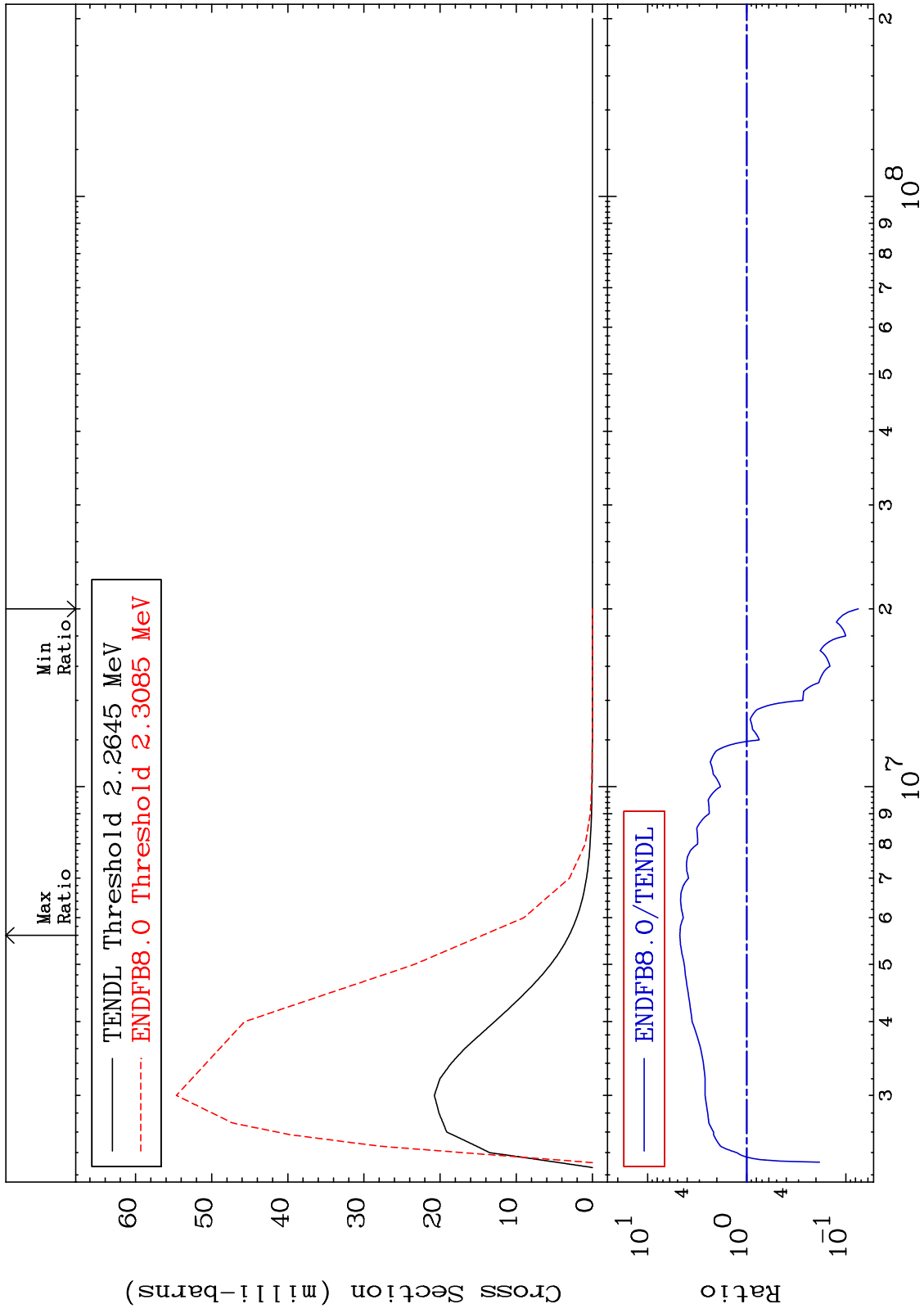
MAT 4431 MT= 59 (n,n') Level Cross Section 44-Ru-98
 -100.0 To 2840. %



MAT 4431

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

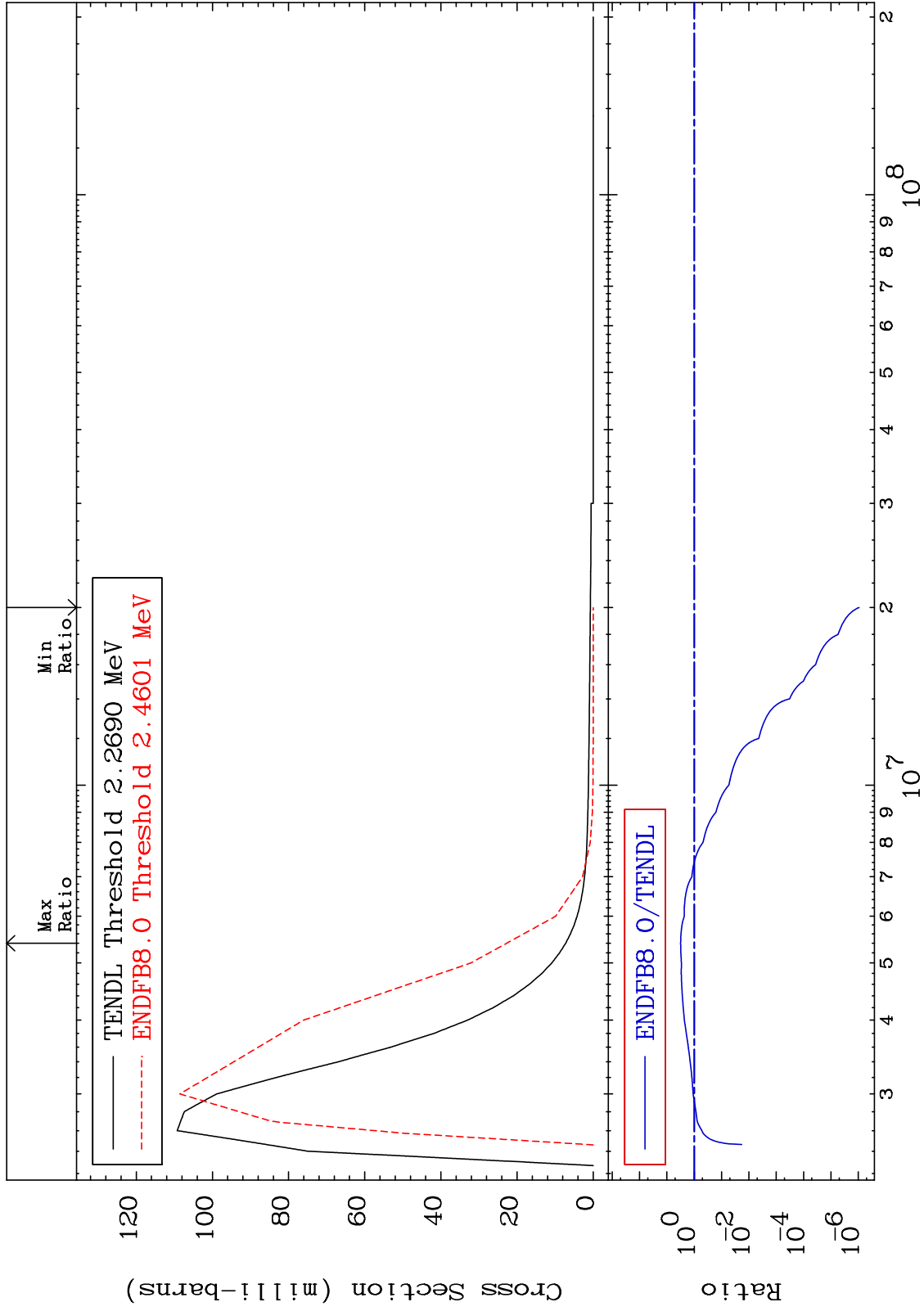
44-Ru-98
-92.52 To 373.4 %



MAT 4431

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

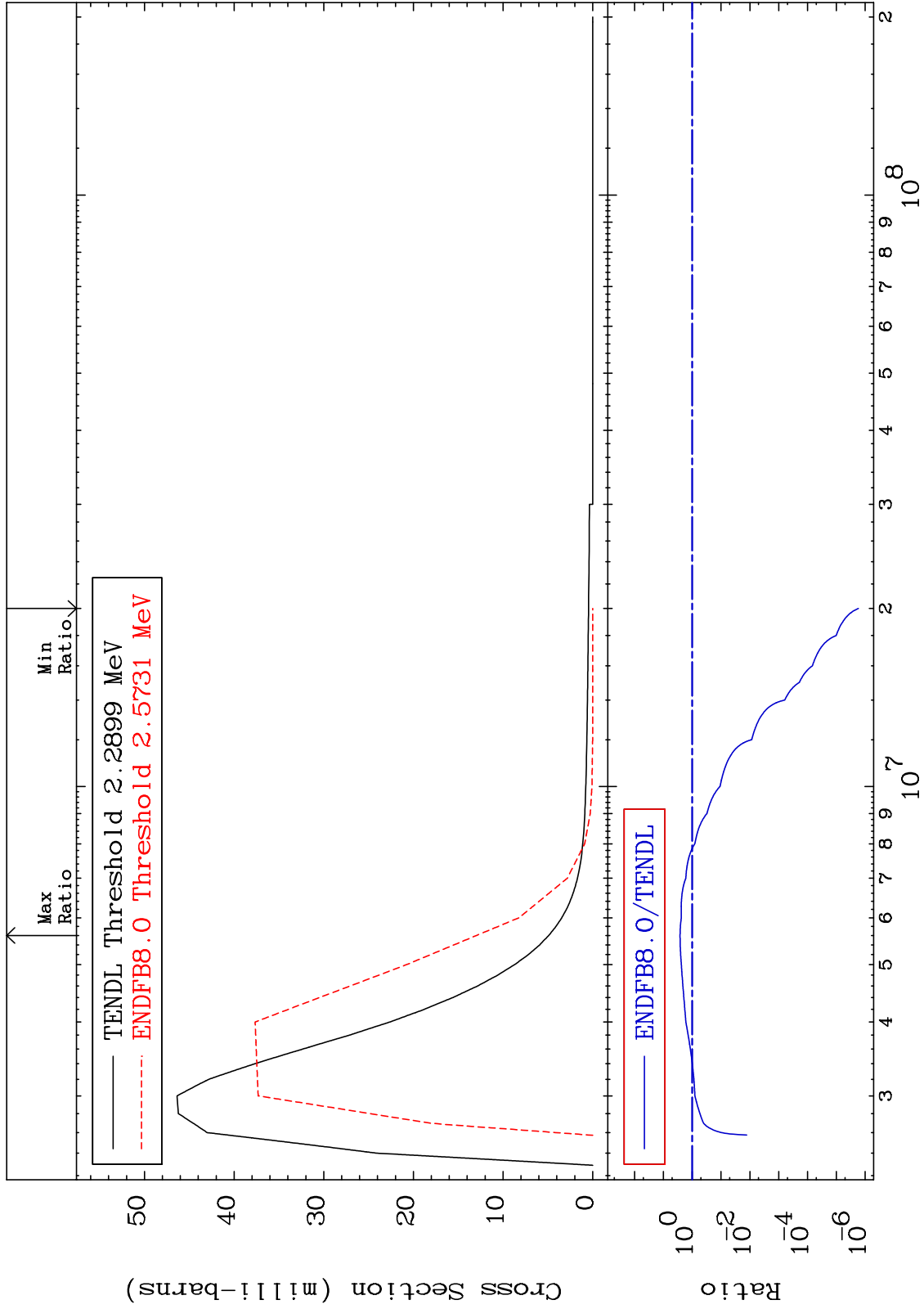
44-Ru-98
-100.0 To 214.3 %



MAT 4431

MT= 62 (n,n') Level
Cross Section

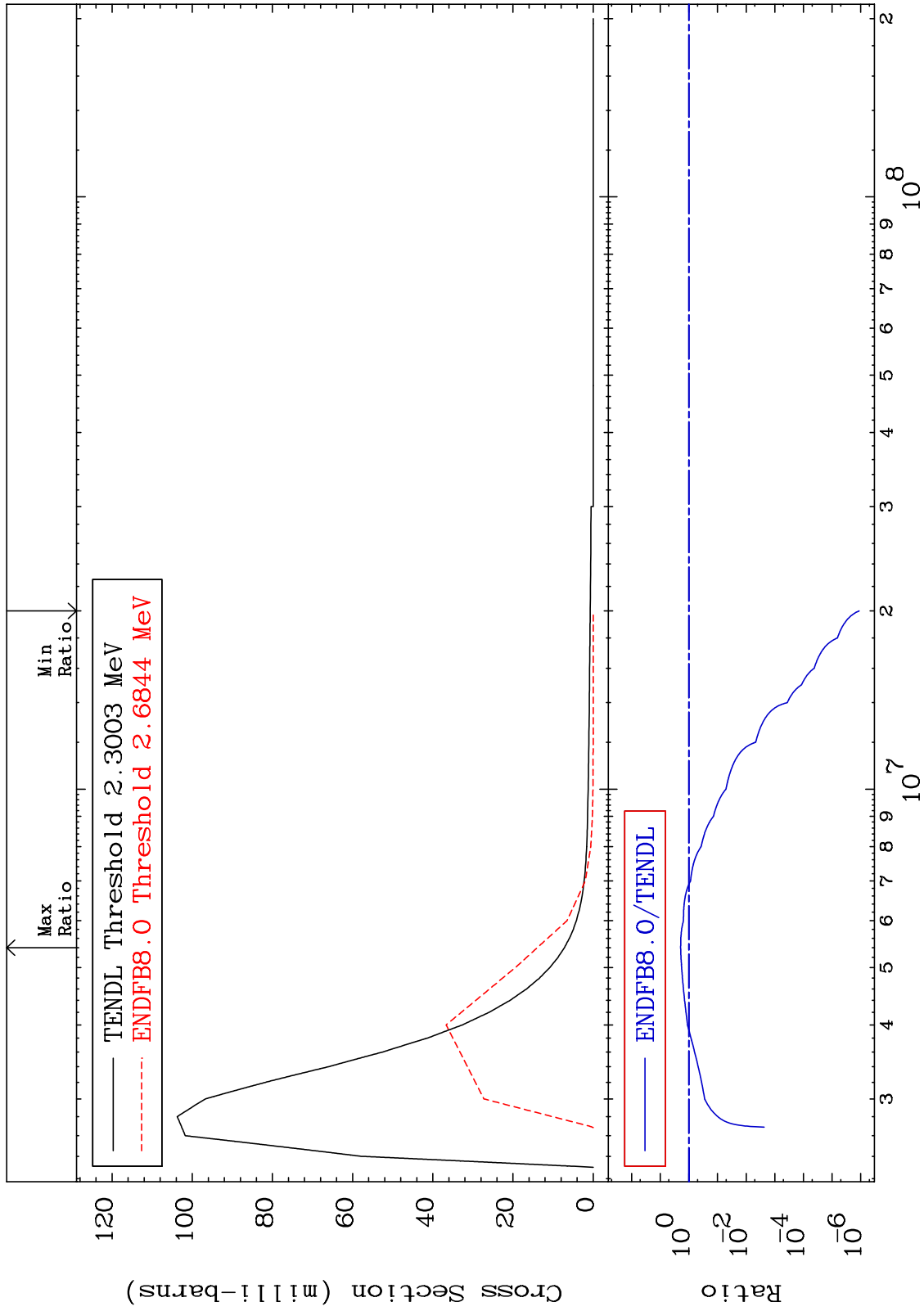
44-Ru-98
-100.0 To 164.4 %



MAT 4431

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

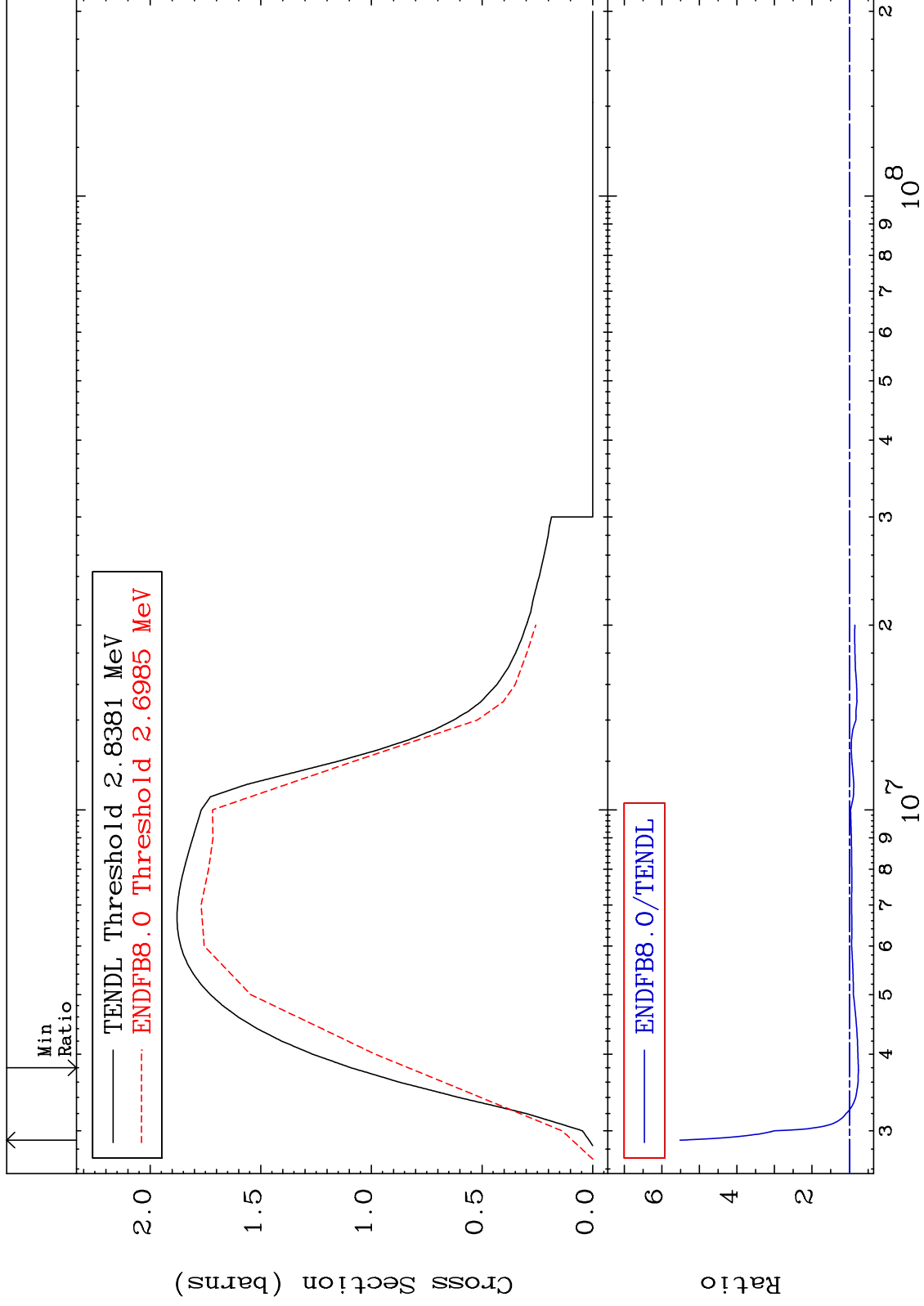
44-Ru-98
-100.0 To 94.09 %



MAT 4431

(n, n') Continuum
Cross Section

44-Ru-98
-23.80 To 451.6 %



22

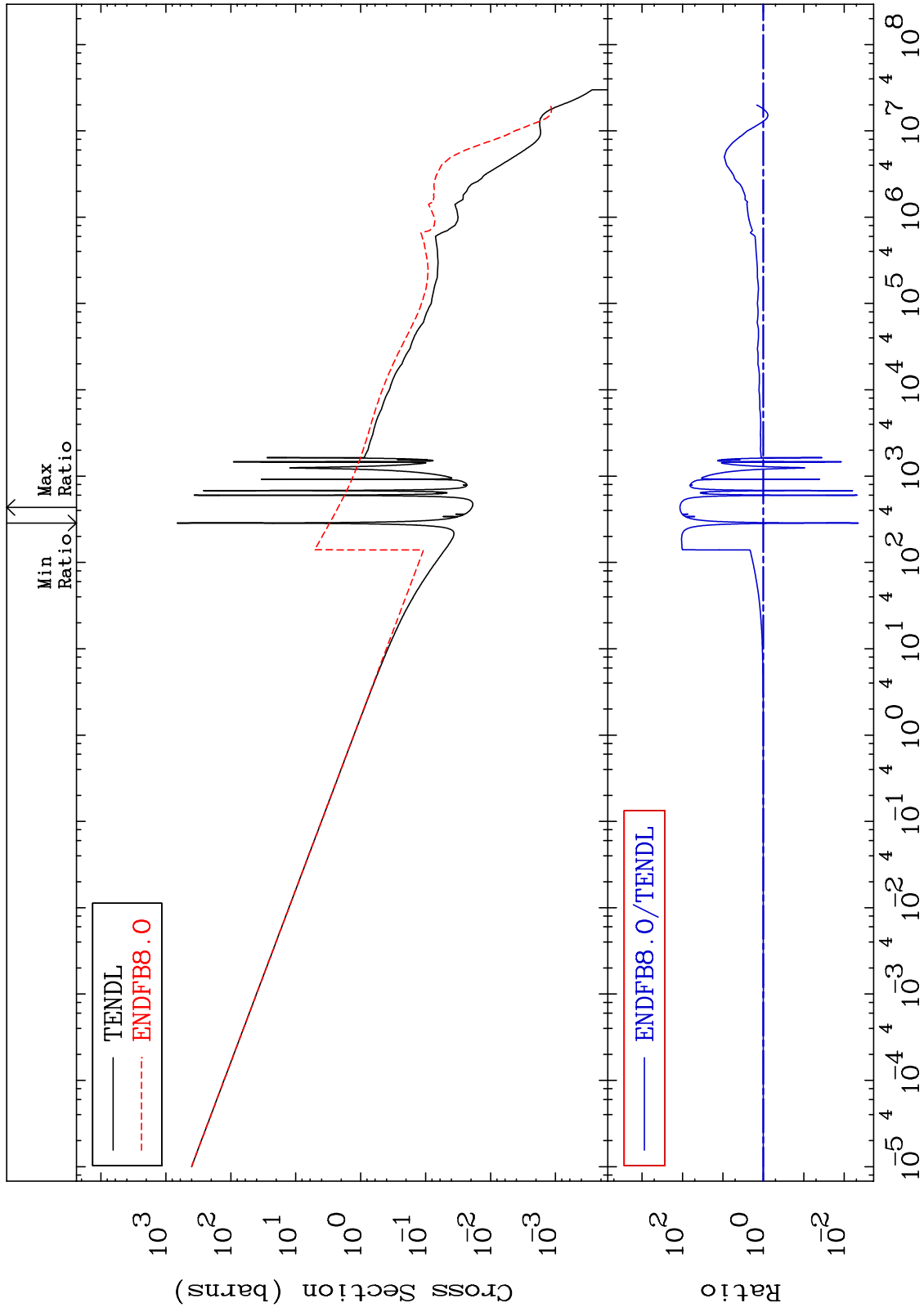
Incident Energy (eV)

44-Ru-98

MAT 4431

(n, γ)
Cross Section

44-Ru-98
-99.55 To 9999. %



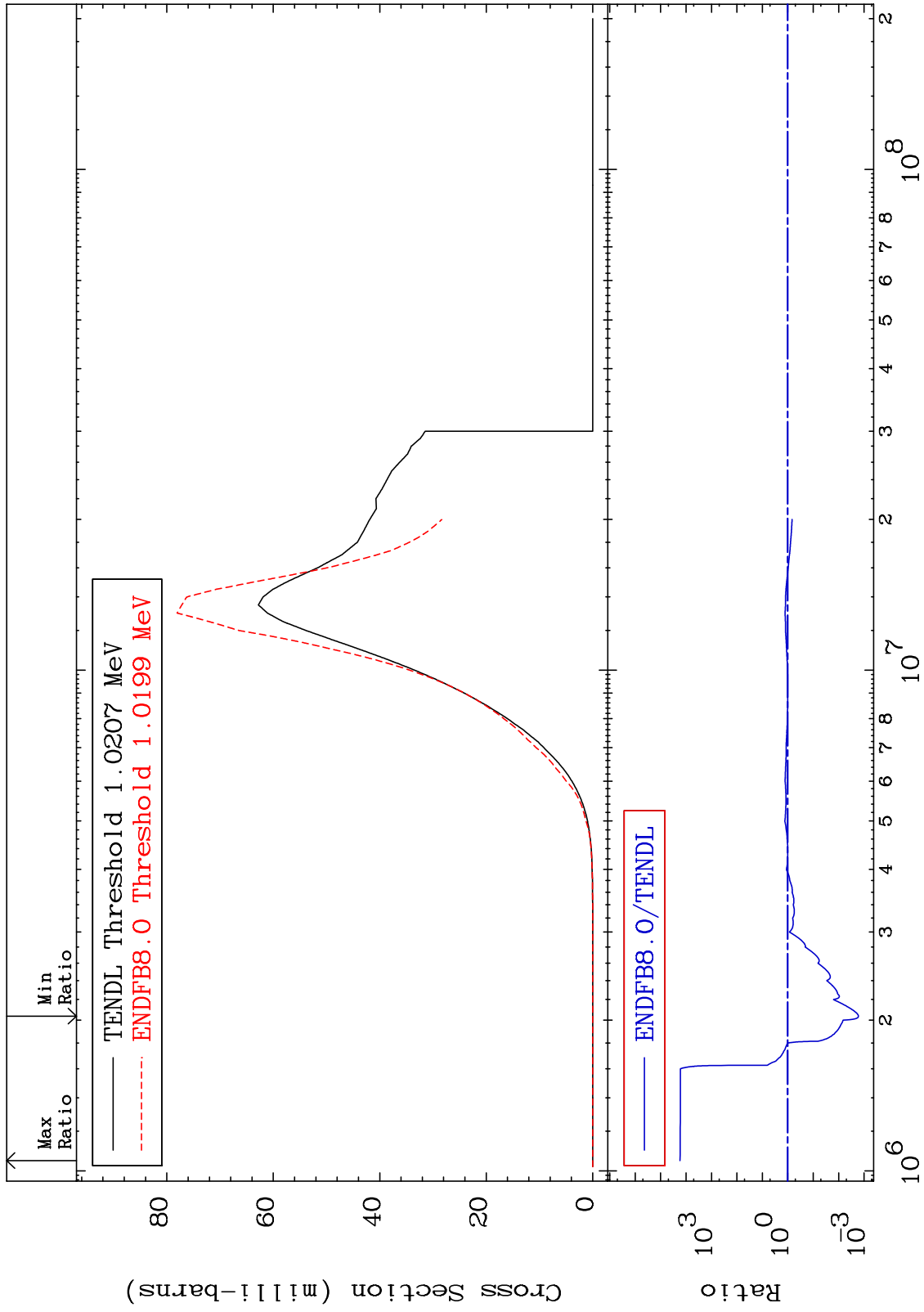
MAT 4431

(n,p)

44-Ru-98

Cross Section

-99.83 To 9999. %



24

Incident Energy (eV)

44-Ru-98

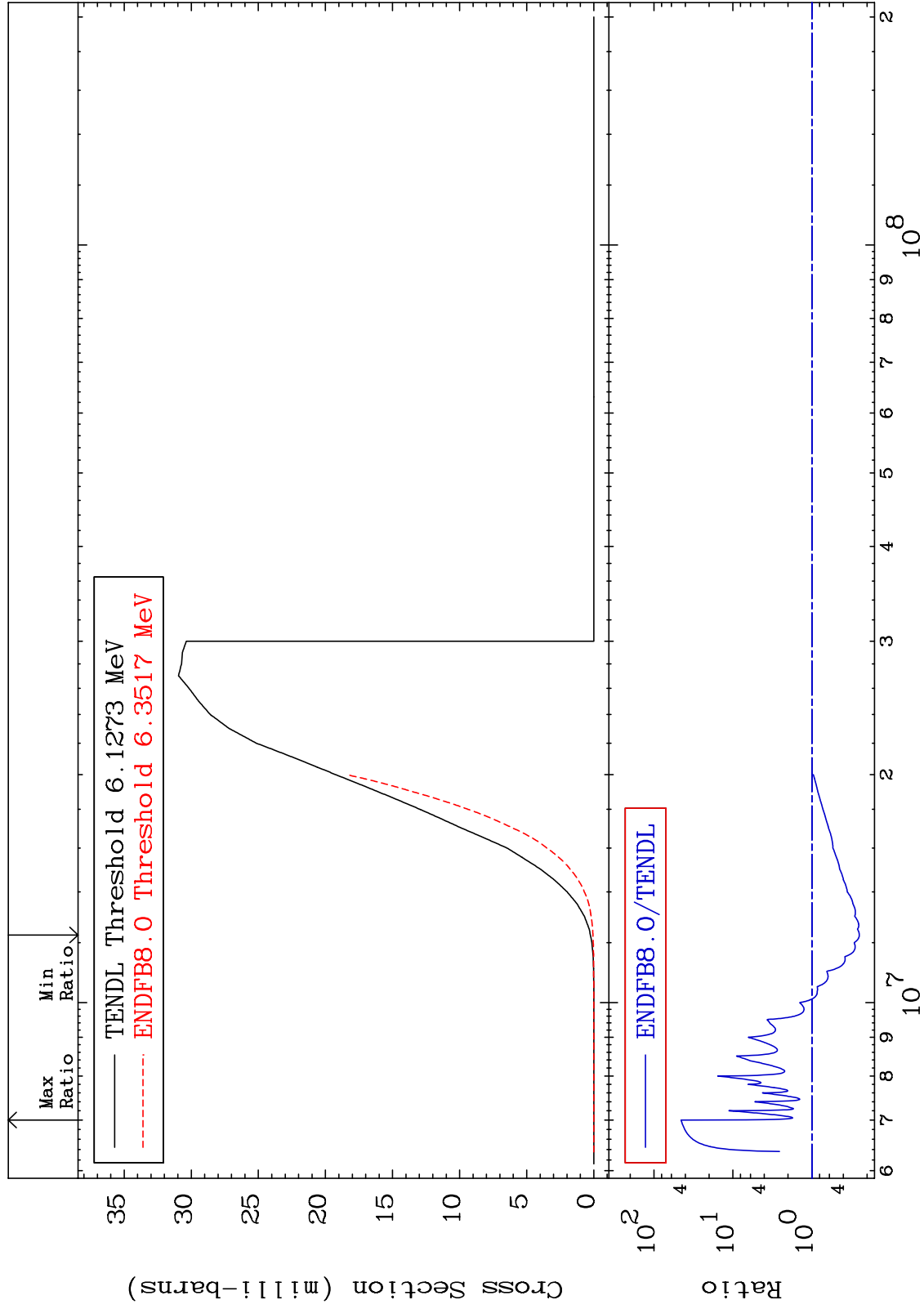
MAT 4431

(n, d)

44-Ru-98

Cross Section

-74.93 To 4433. %



25

Incident Energy (eV)

44-Ru-98

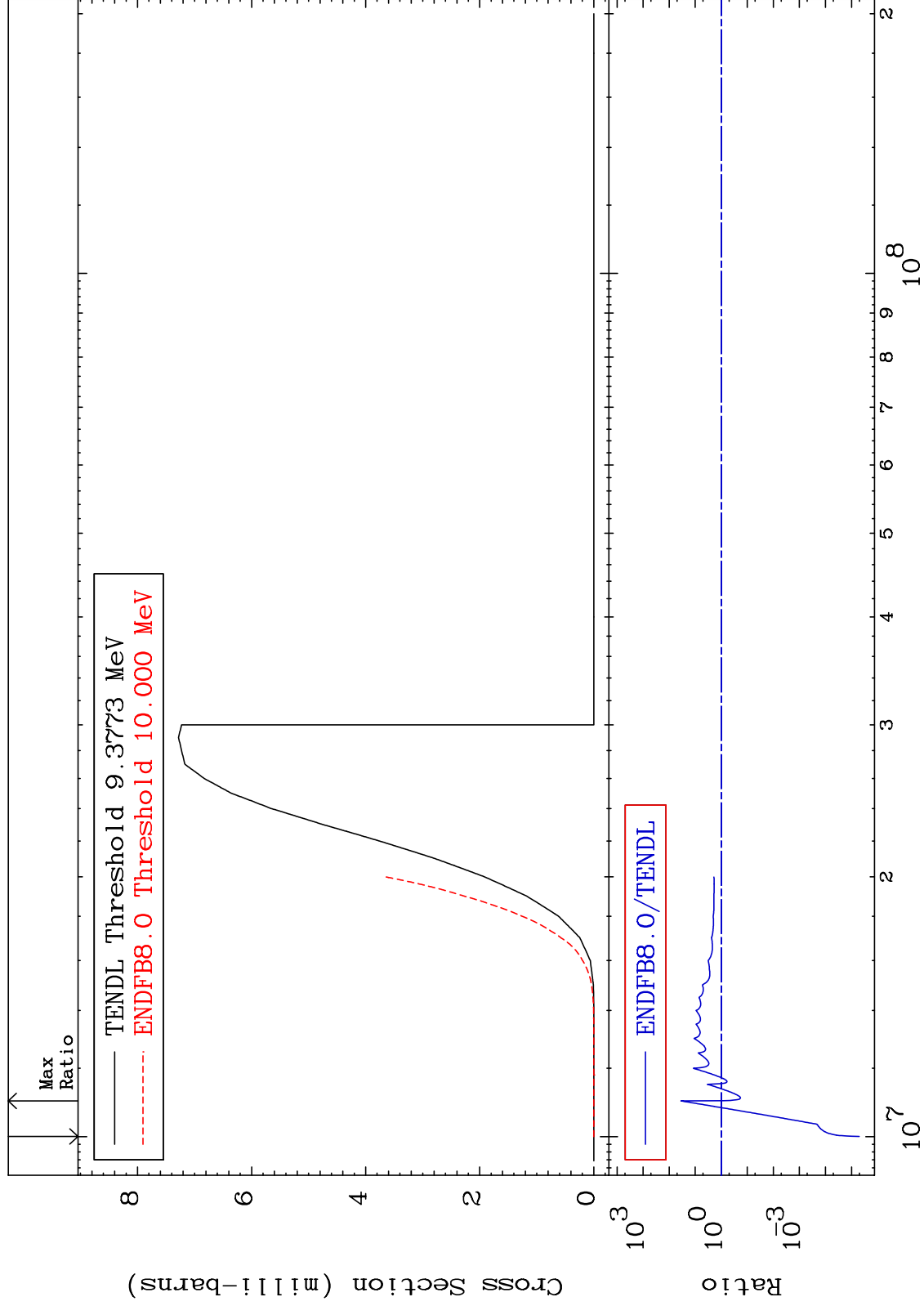
MAT 4431

(n, t)

44-Ru-98

Cross Section

-100.0 To 3391. %



26

Incident Energy (eV)

44-Ru-98

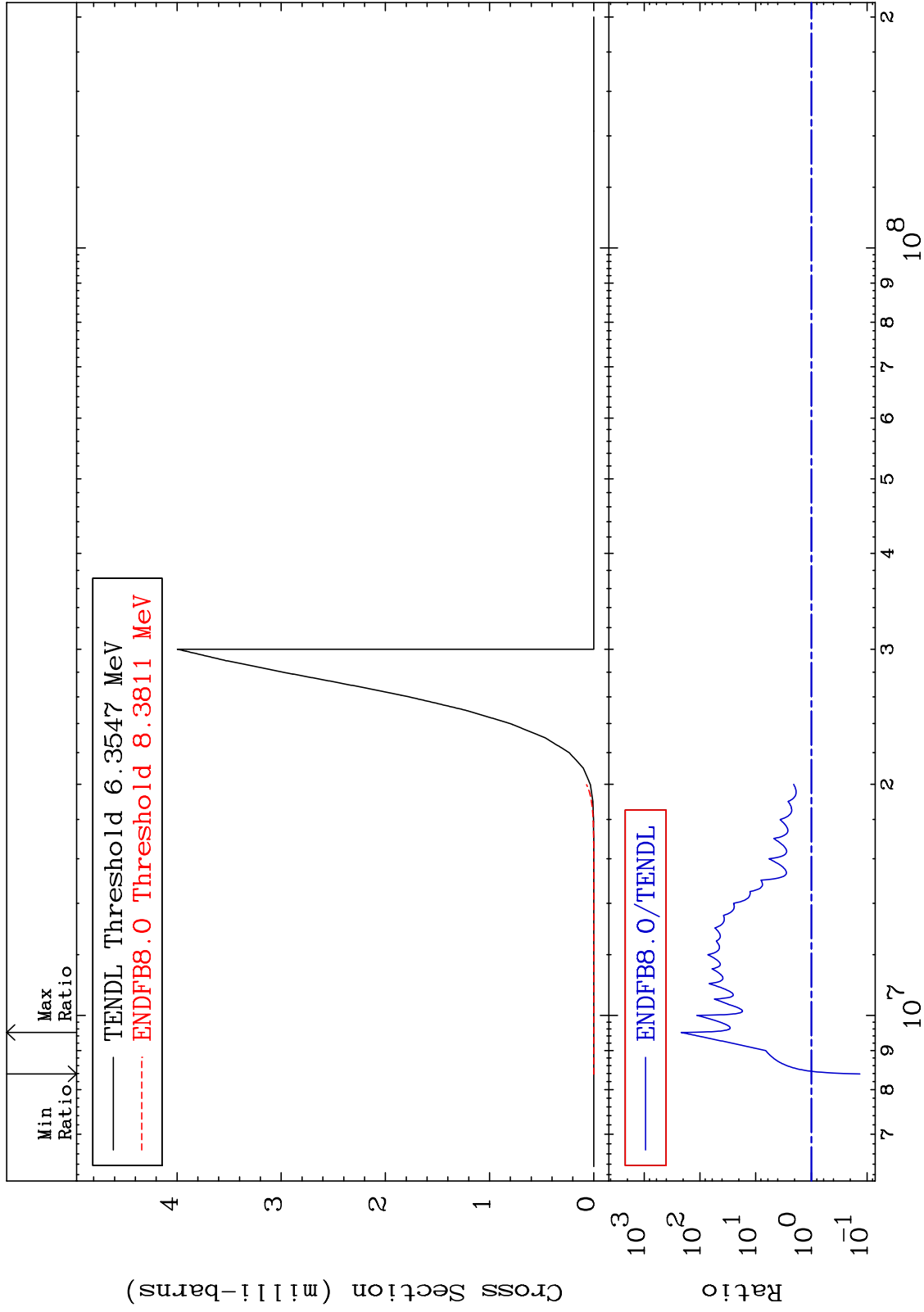
MAT 4431

(n, He-3)

44-Ru-98

Cross Section

-86.57 To 9999. %



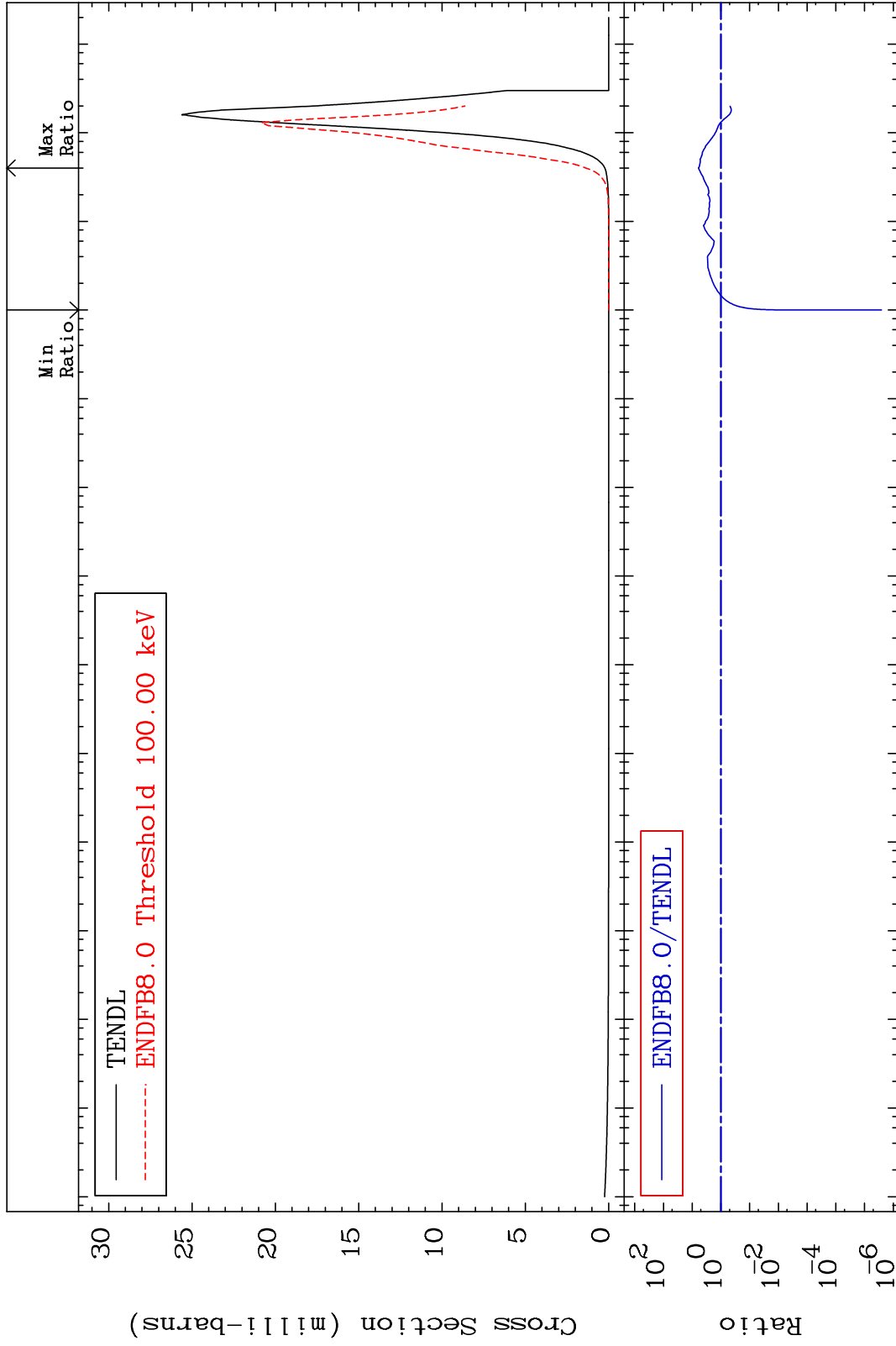
MAT 4431

(n, α)

44-Ru-98

Cross Section

-100.0 To 510.0 %



28

Incident Energy (eV)

44-Ru-98

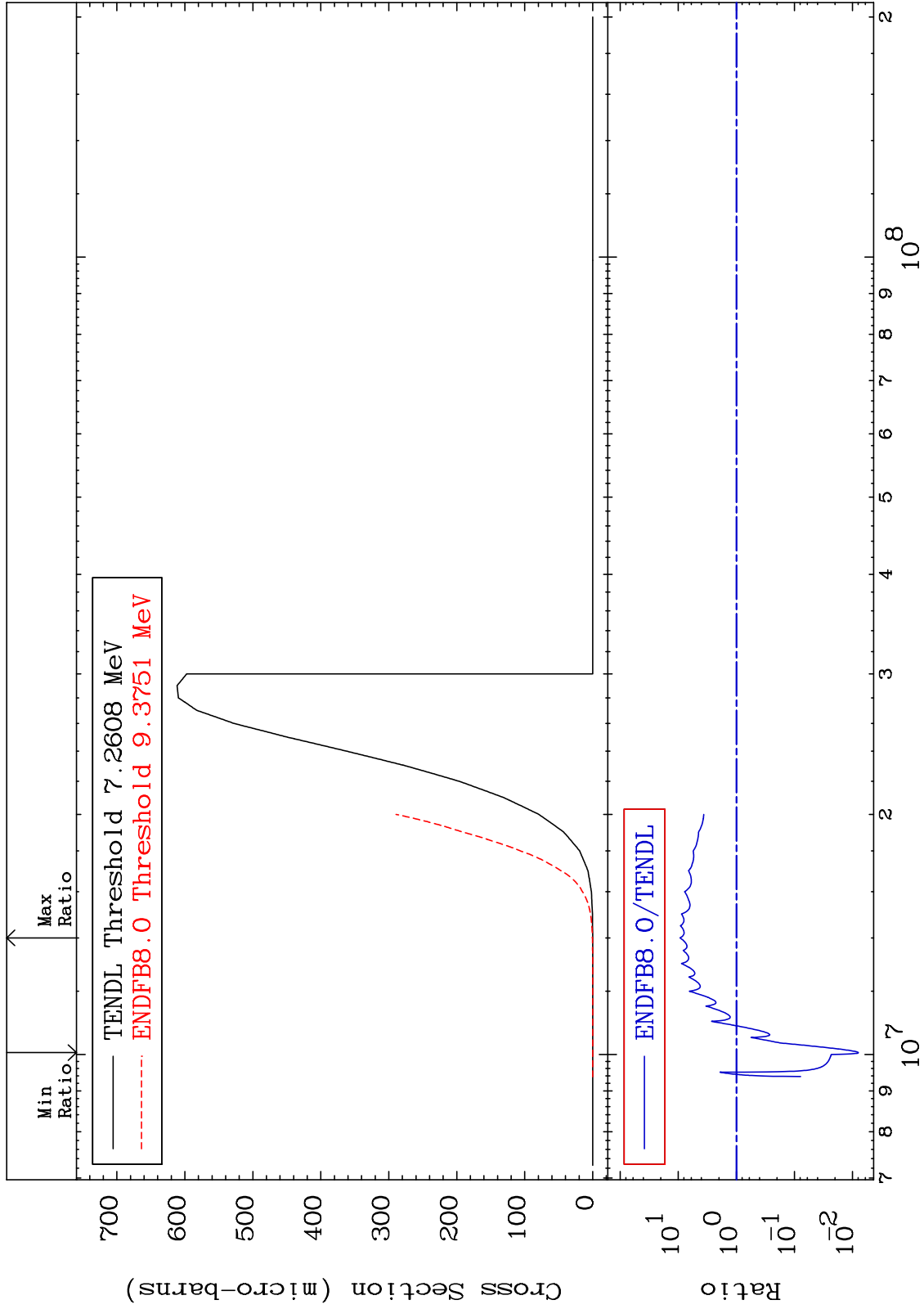
MAT 4431

(n,2p)

44-Ru-98

Cross Section

-99.21 To 834.3 %



29

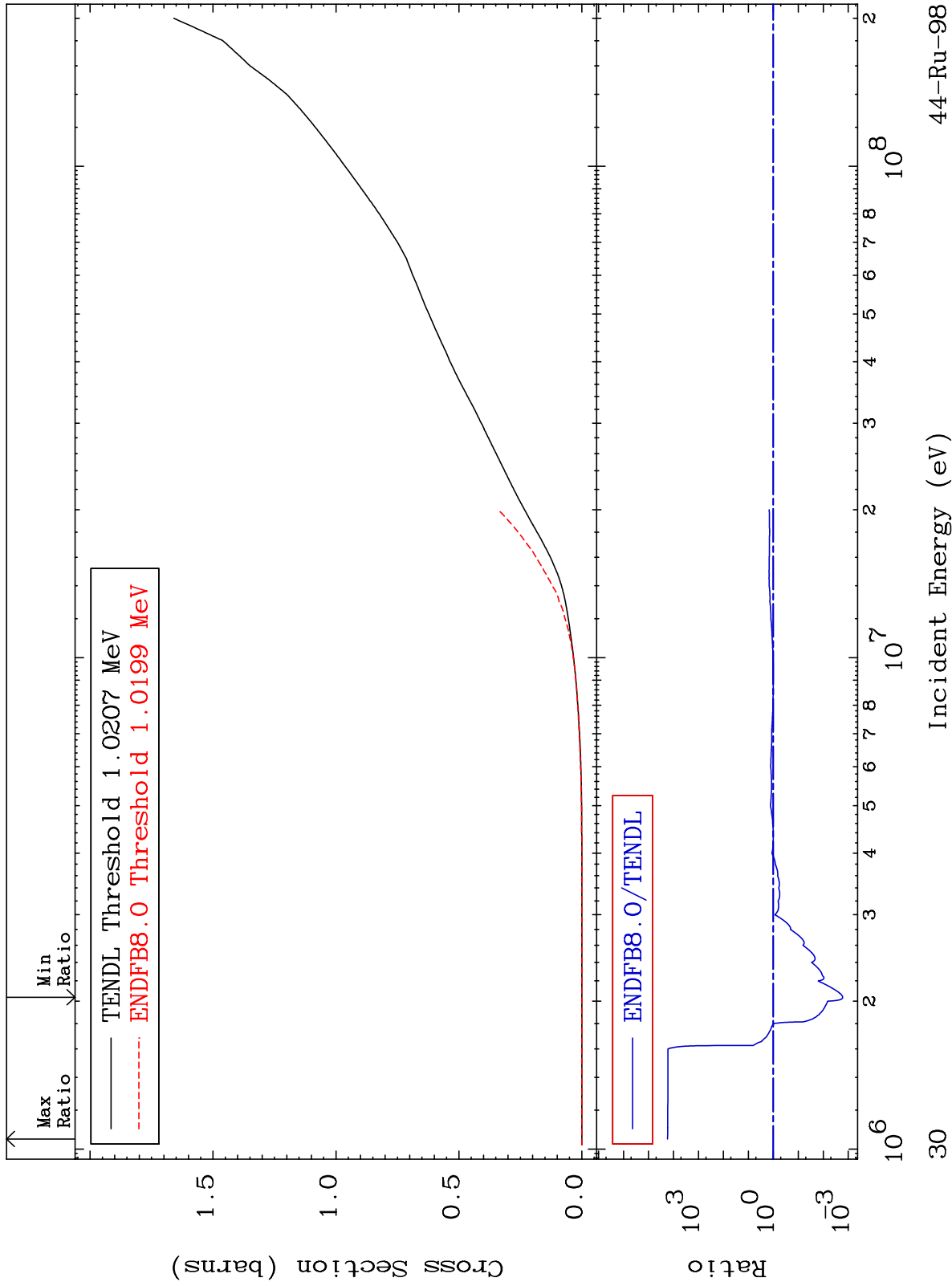
Incident Energy (eV)

44-Ru-98

MAT 4431

Hydrogen Production
Cross Section

44-Ru-98
-99.83 To 9999. %



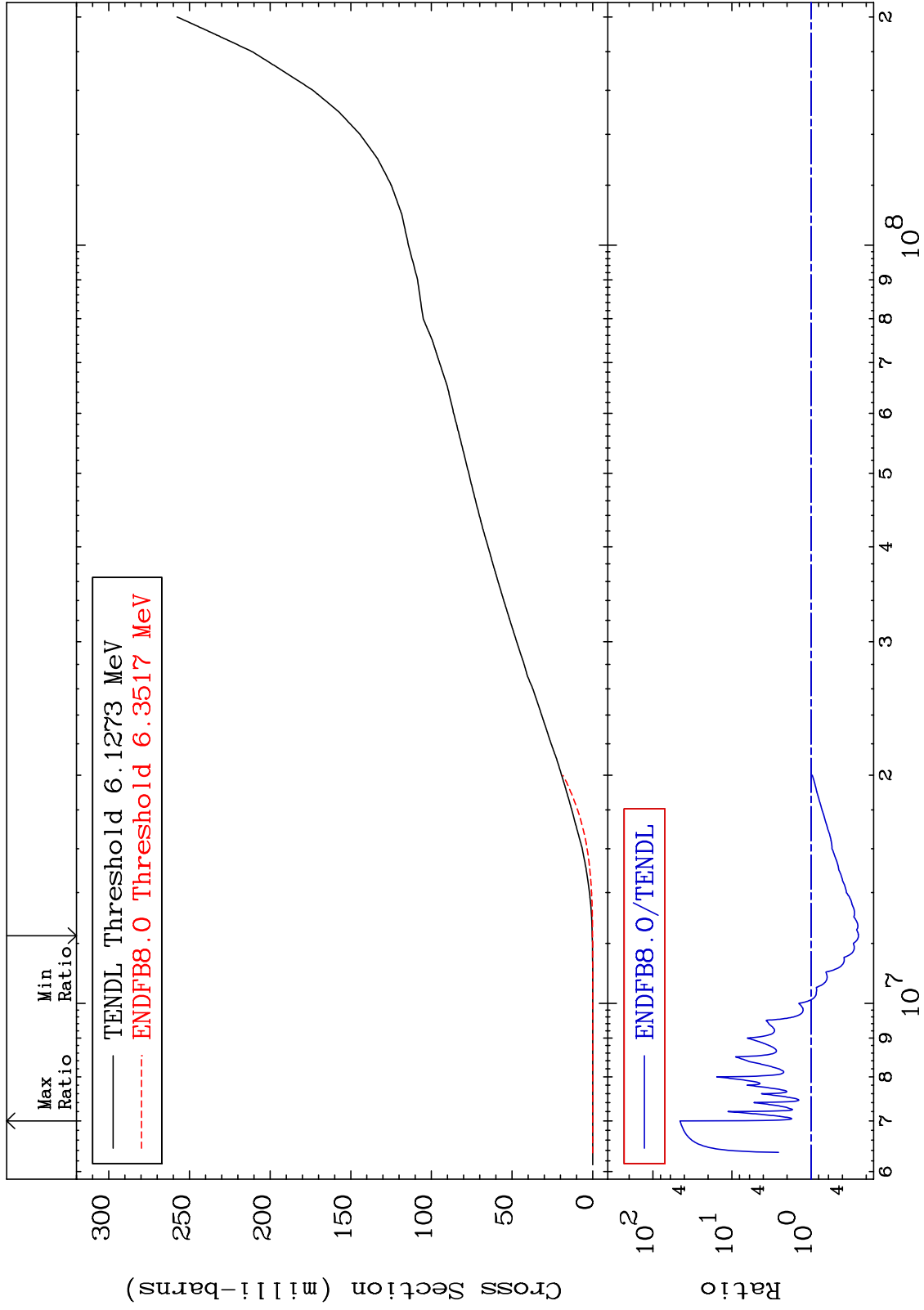
Incident Energy (eV)

44-Ru-98

MAT 4431

Deuterium Production
Cross Section

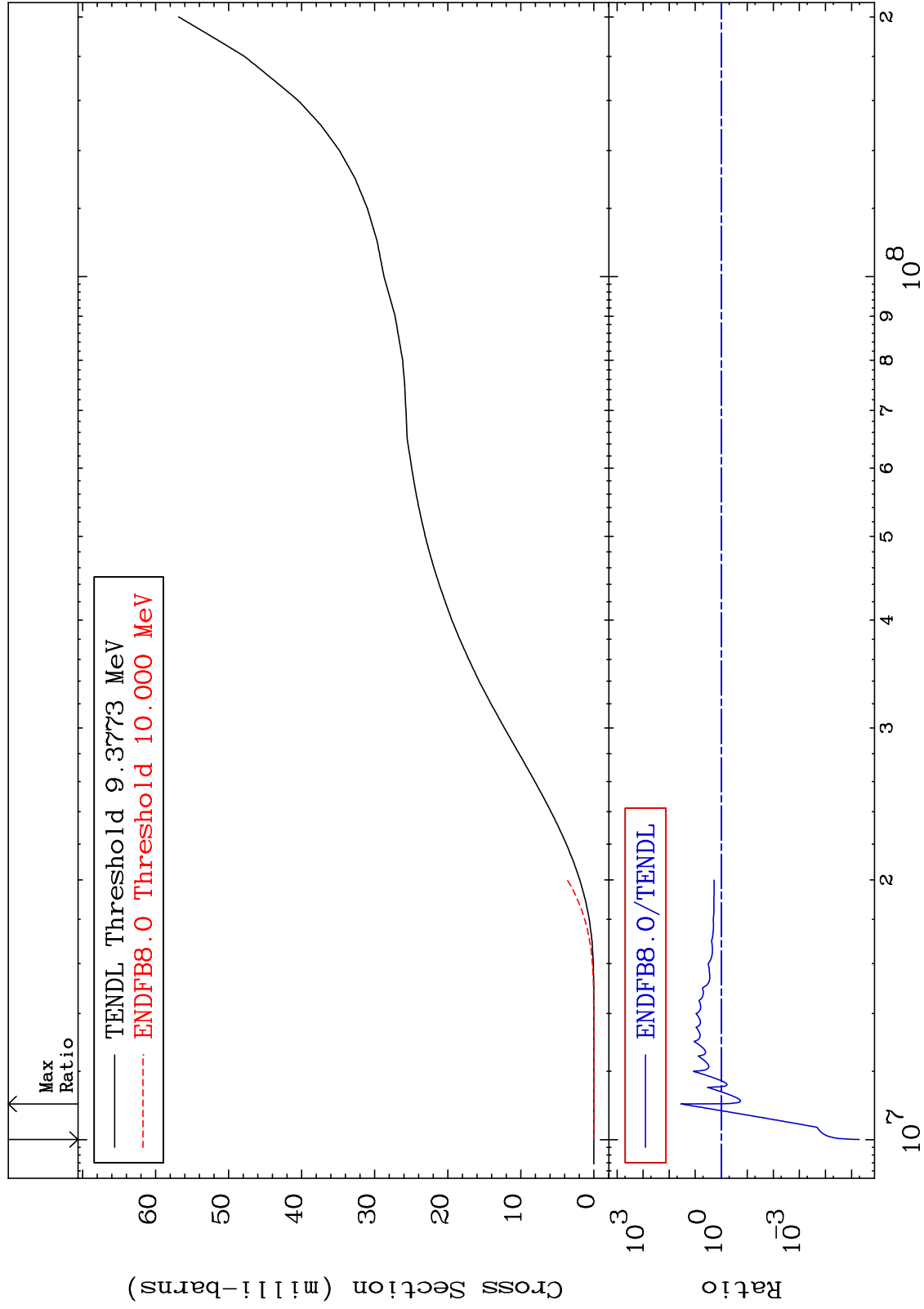
44-Ru-98
-74.93 To 4433. %



MAT 4431

Tritium Production
Cross Section

44-Ru-98
-100.0 To 3391. %



32

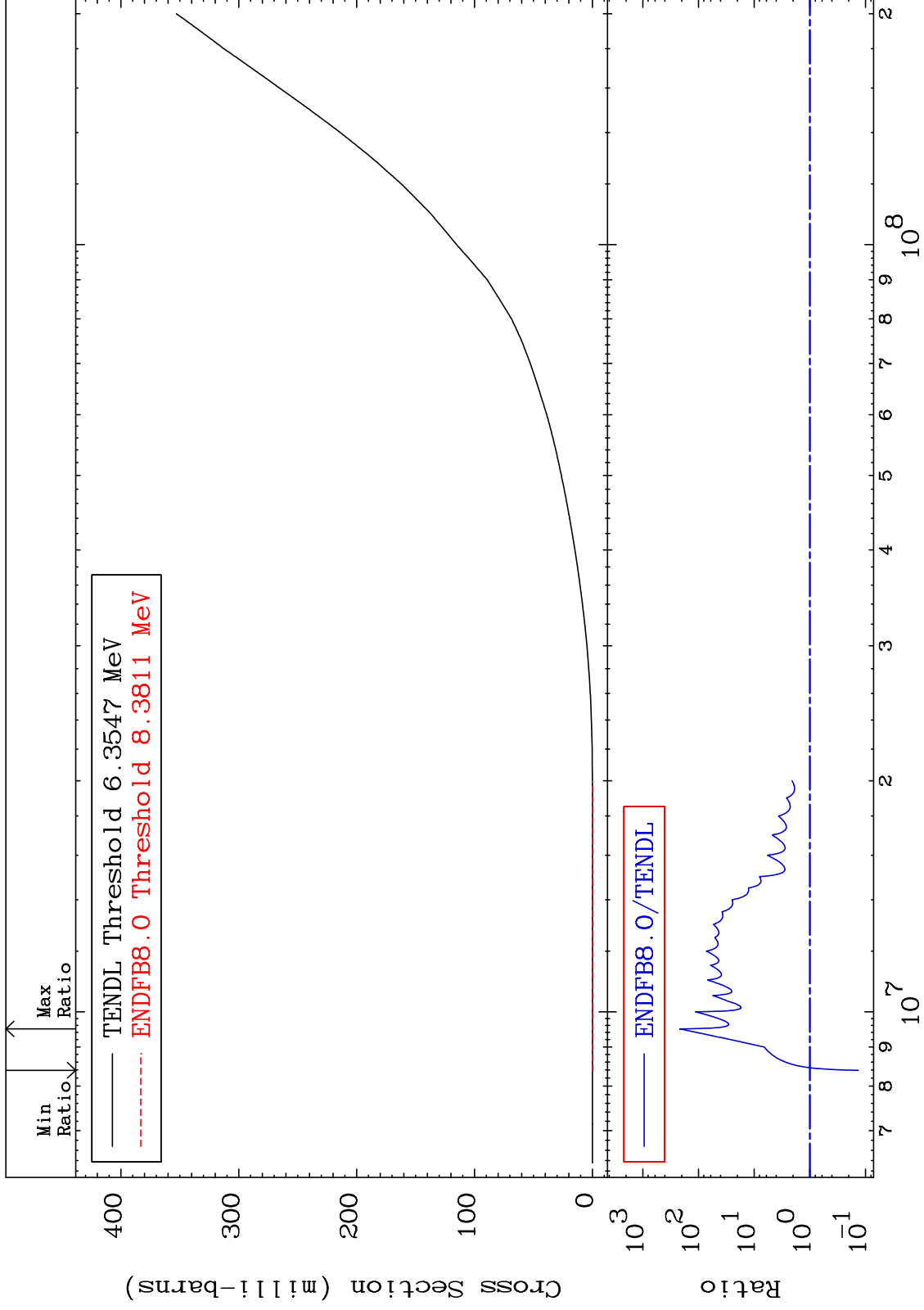
Incident Energy (eV)

44-Ru-98

MAT 4431

He-3 Production
Cross Section

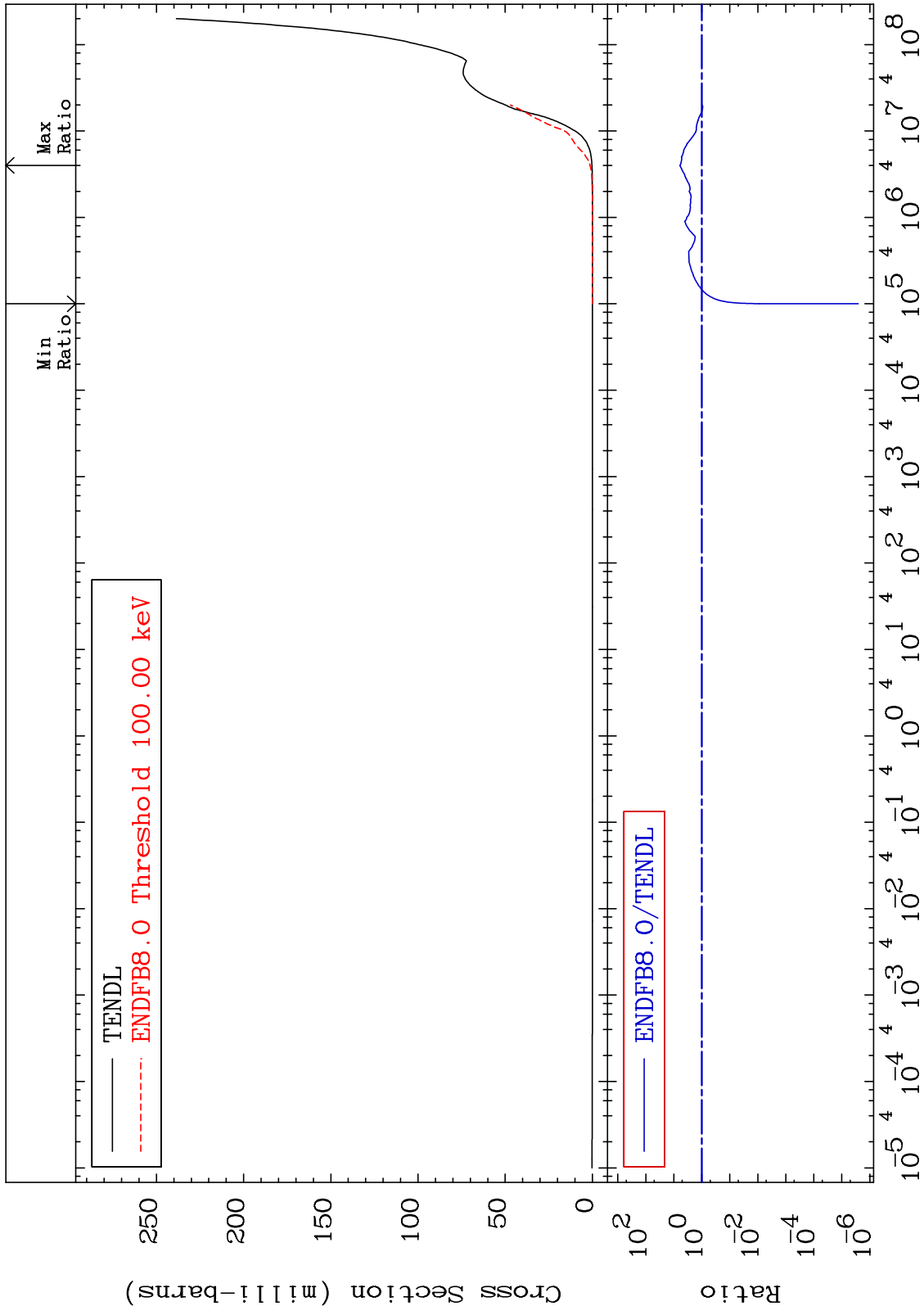
44-Ru-98
-86.57 To 9999. %



MAT 4431

He-4 Production
Cross Section

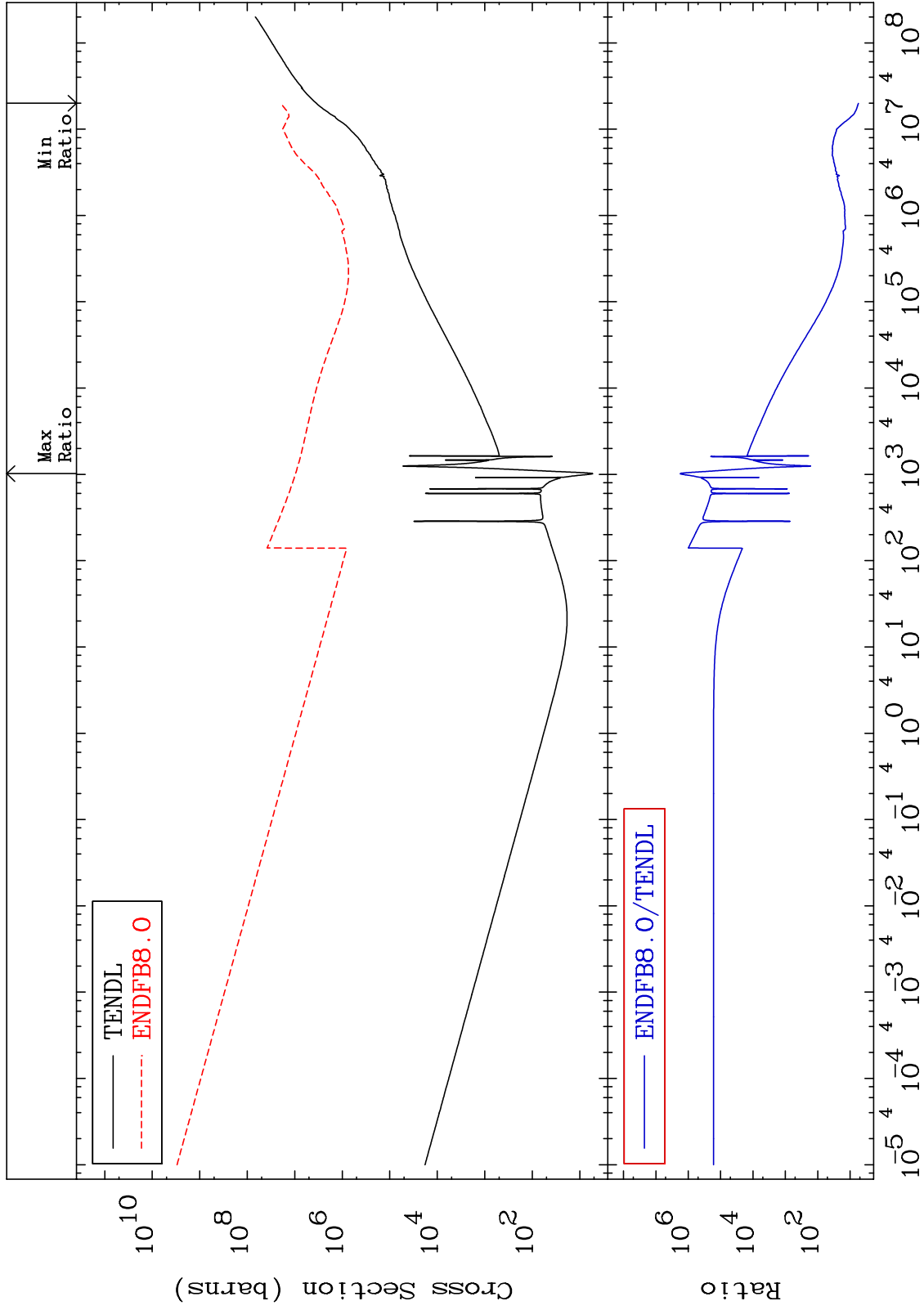
44-Ru-98
-100.0 To 510.0 %



MAT 4431

Kerma total (eV-barns)
Cross Section

44-Ru-98
452.2 To 9999. %



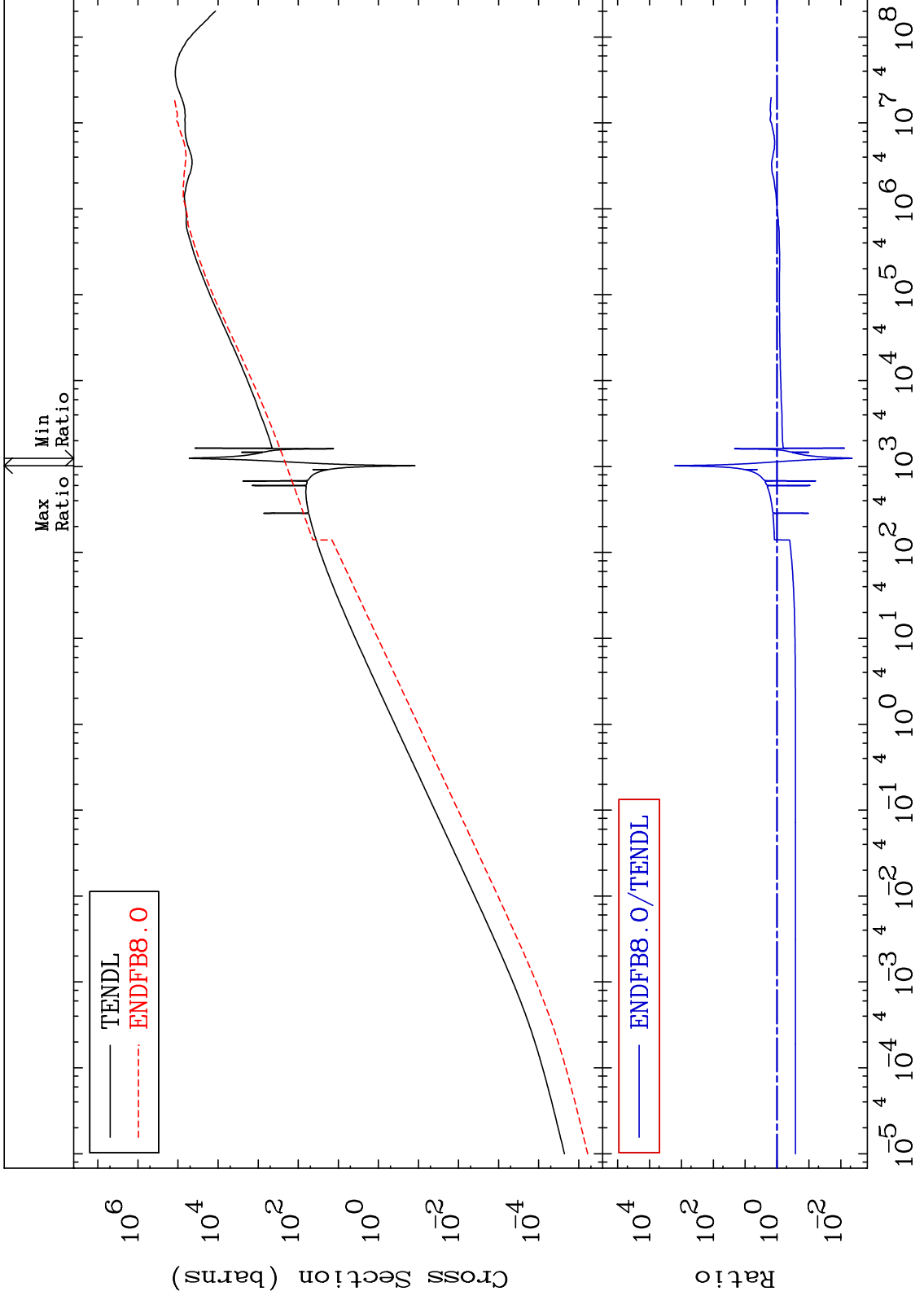
35

44-Ru-98

MAT 4431

Kerma elastic
Cross Section

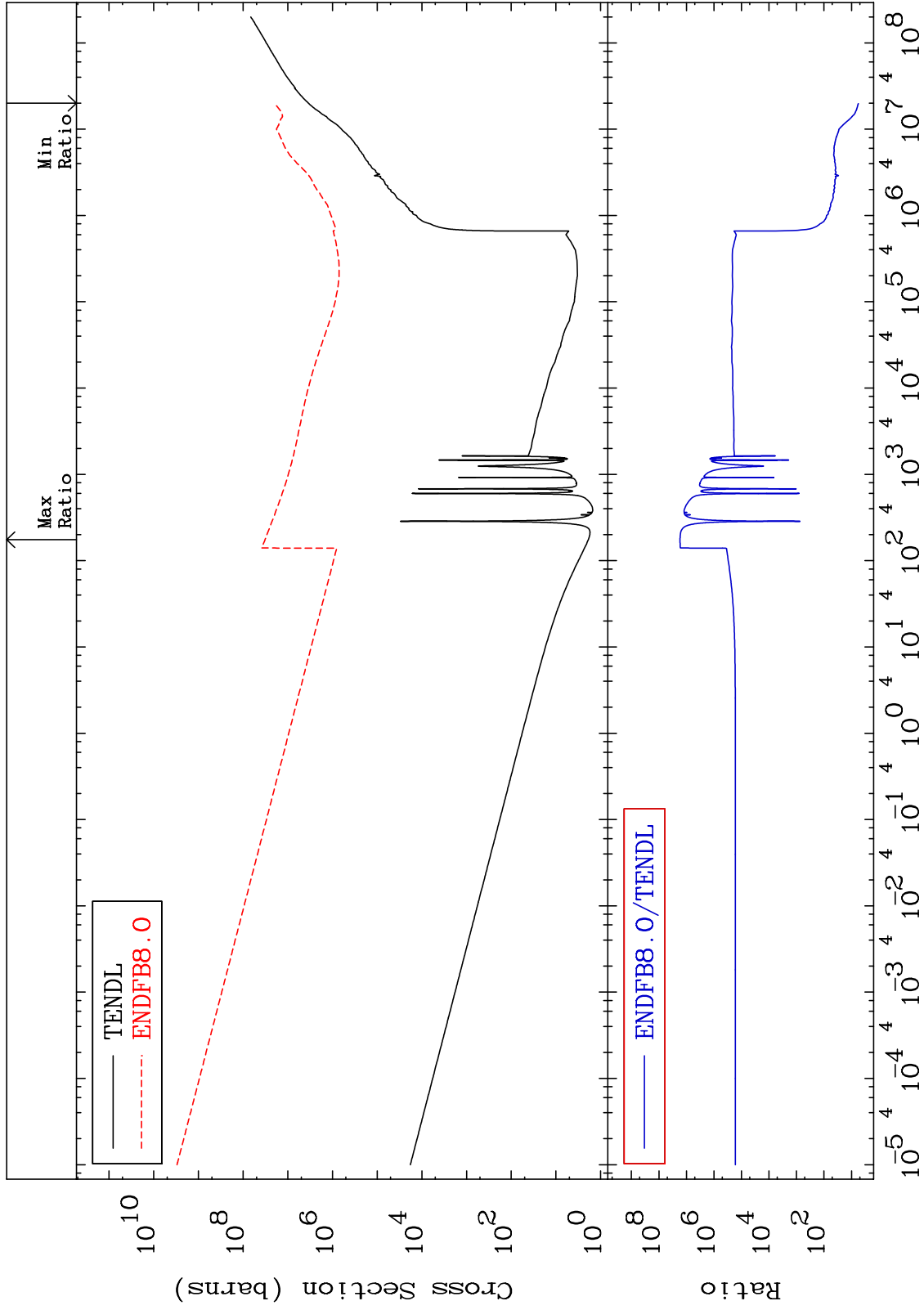
44-Ru-98
-99.56 To 9999. %



MAT 4431

Kerma non-elastic (all but mt2)
Cross Section

44-Ru-98
461.9 To 9999. %



37

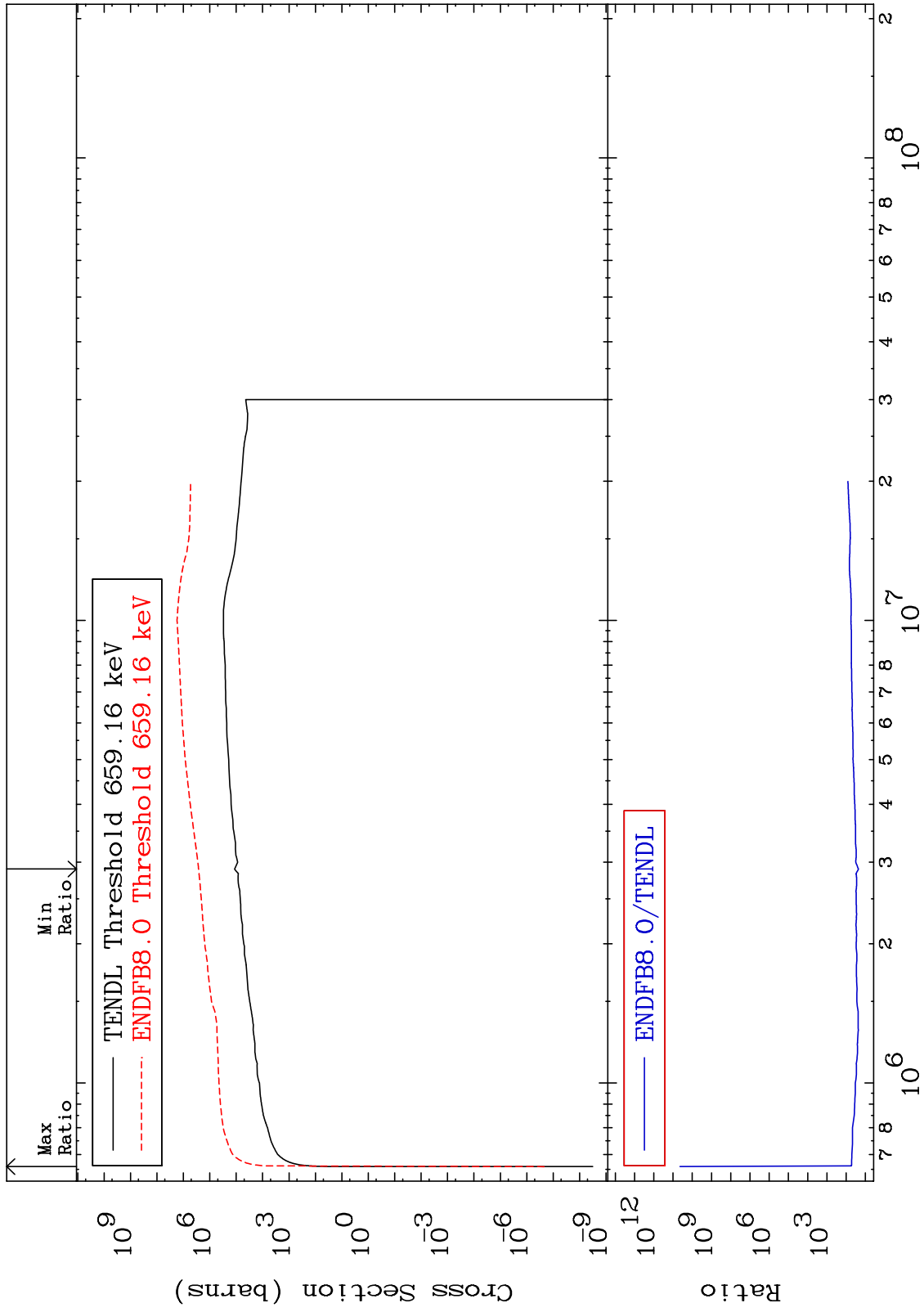
Incident Energy (eV)

44-Ru-98

MAT 4431

Kerma inelastic (mt51-91)
Cross Section

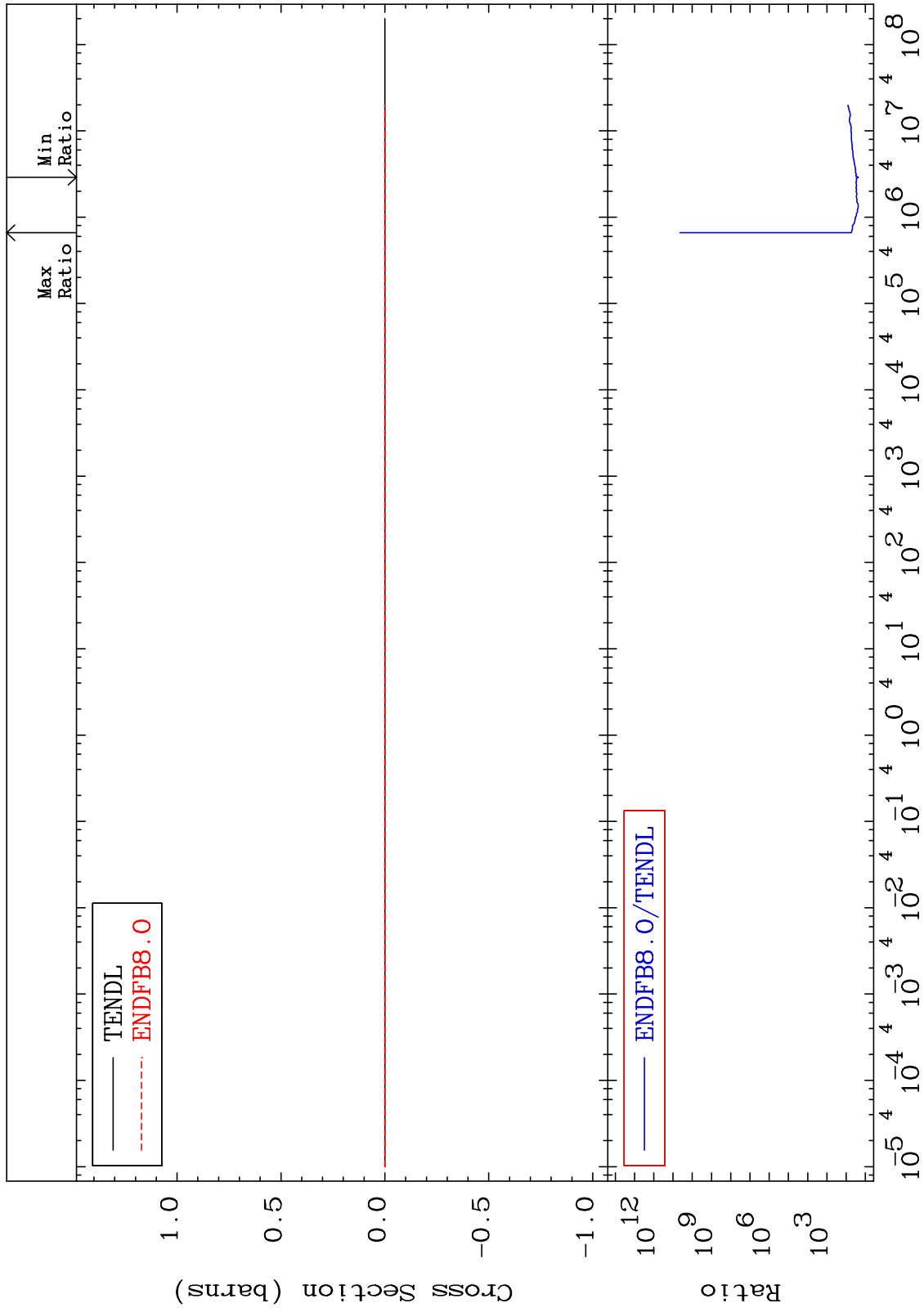
44-Ru-98
2212. To 9999. %



MAT 4431

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

44-Ru-98
2212. To 9999. %



39

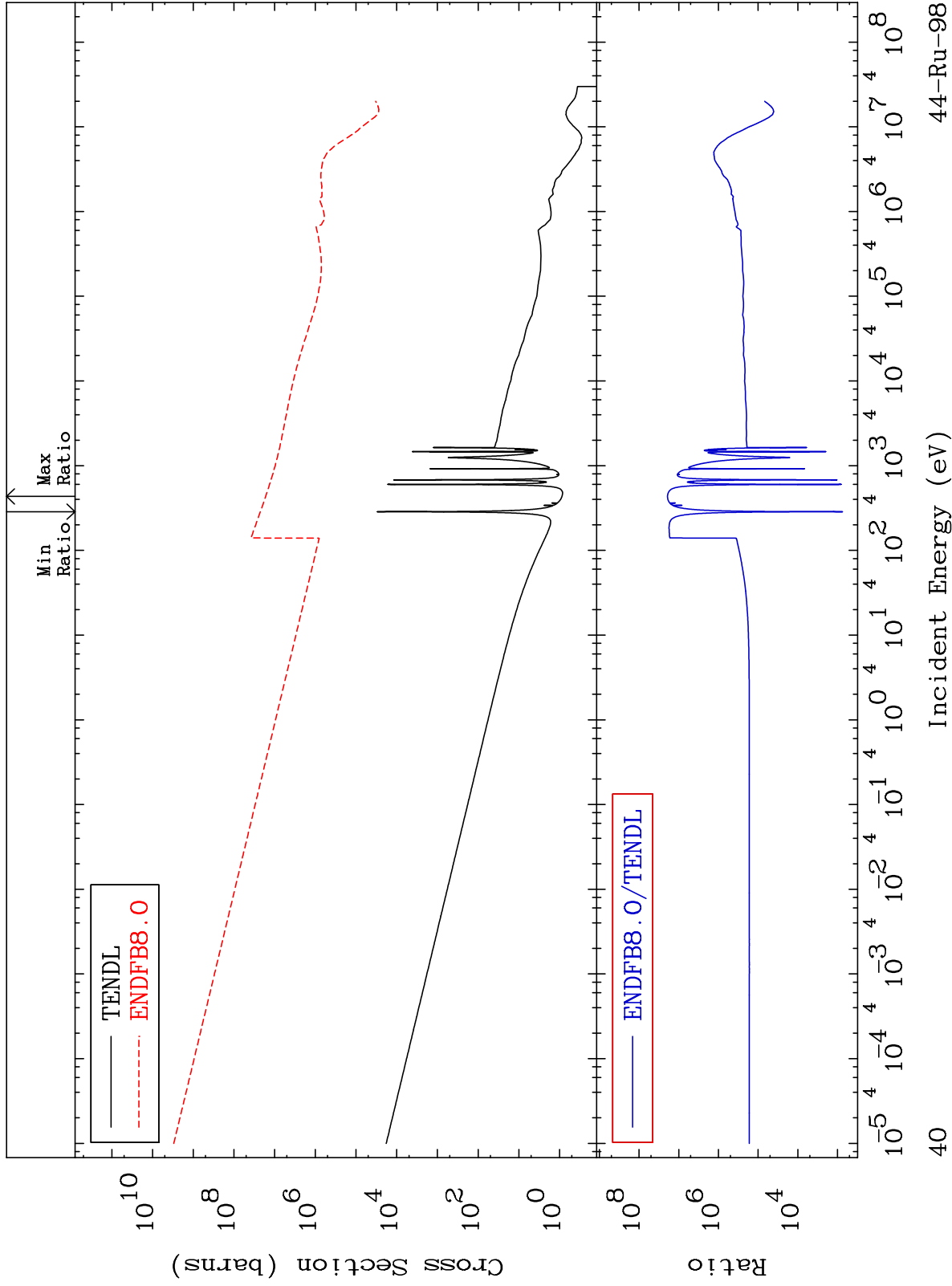
Incident Energy (eV)

44-Ru-98

MAT 4431

Kerma capture (mt102)
Cross Section

44-Ru-98
9999. To 9999. %



40

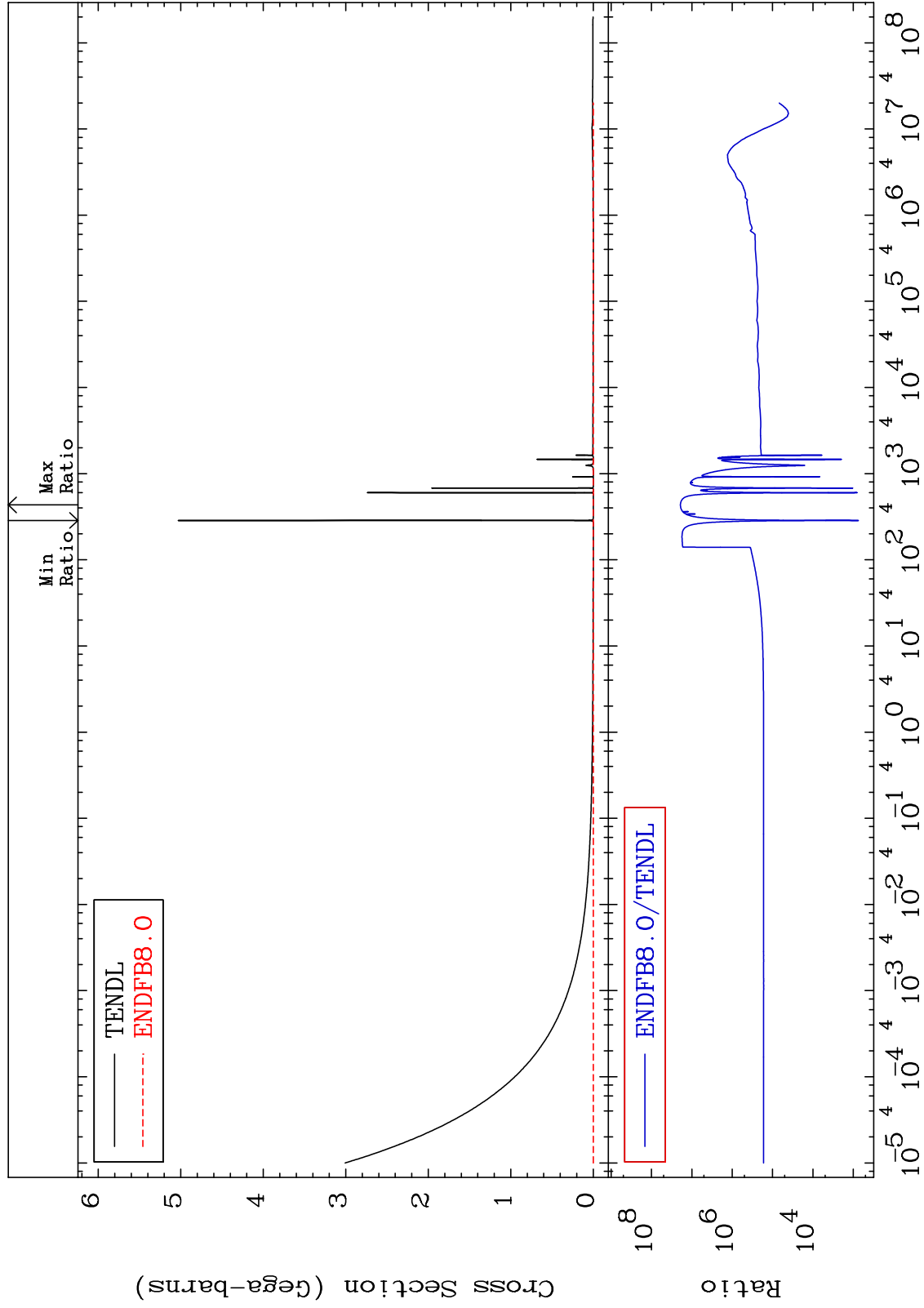
Incident Energy (eV)

44-Ru-98

MAT 4431

Total photon (eV-barns)
Cross Section

44-Ru-98
9999. To 9999. %



41

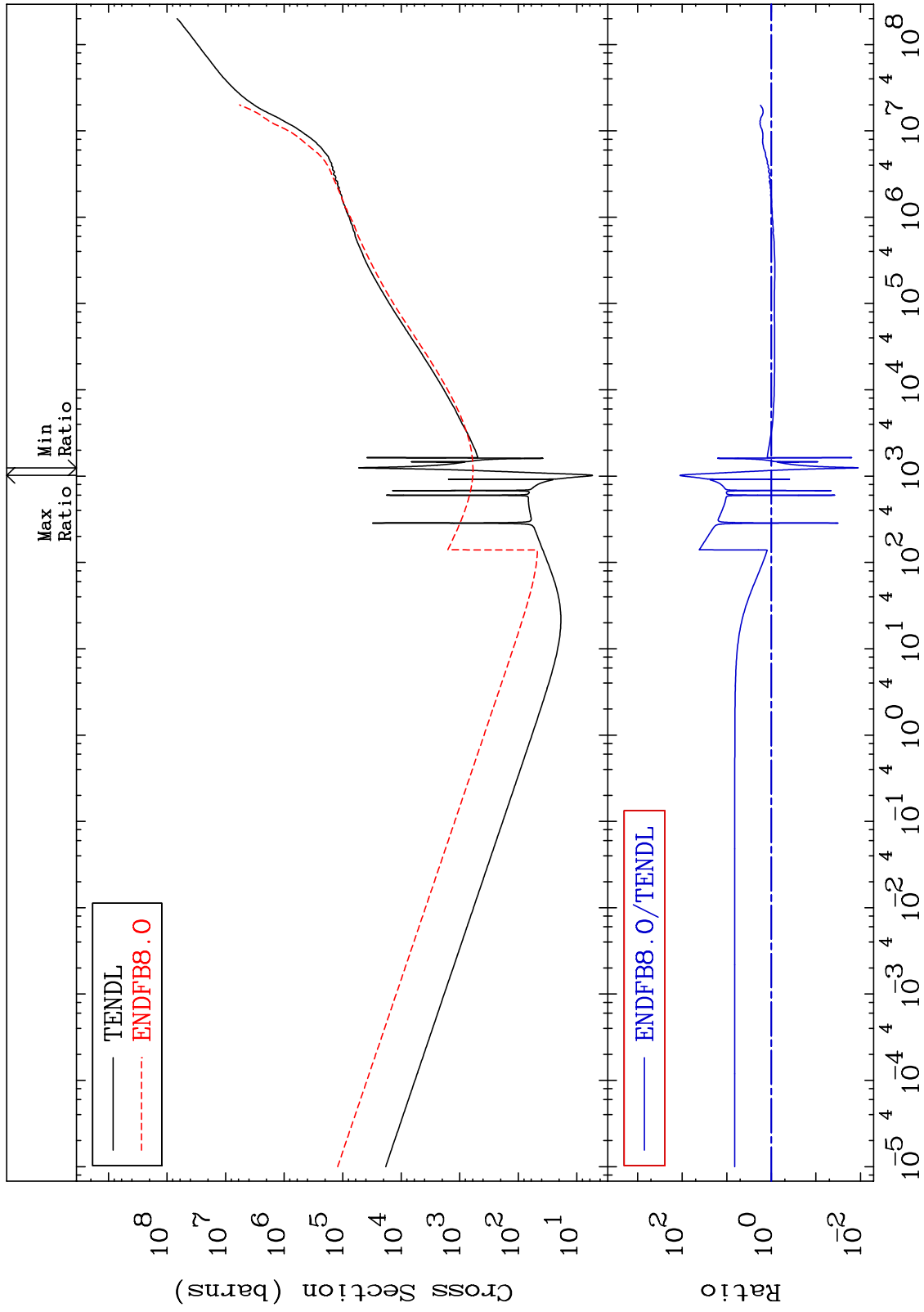
Incident Energy (eV)

44-Ru-98

MAT 4431

Total kinematic kerma (high limit)
Cross Section

44-Ru-98
-98.89 To 9999. %



42

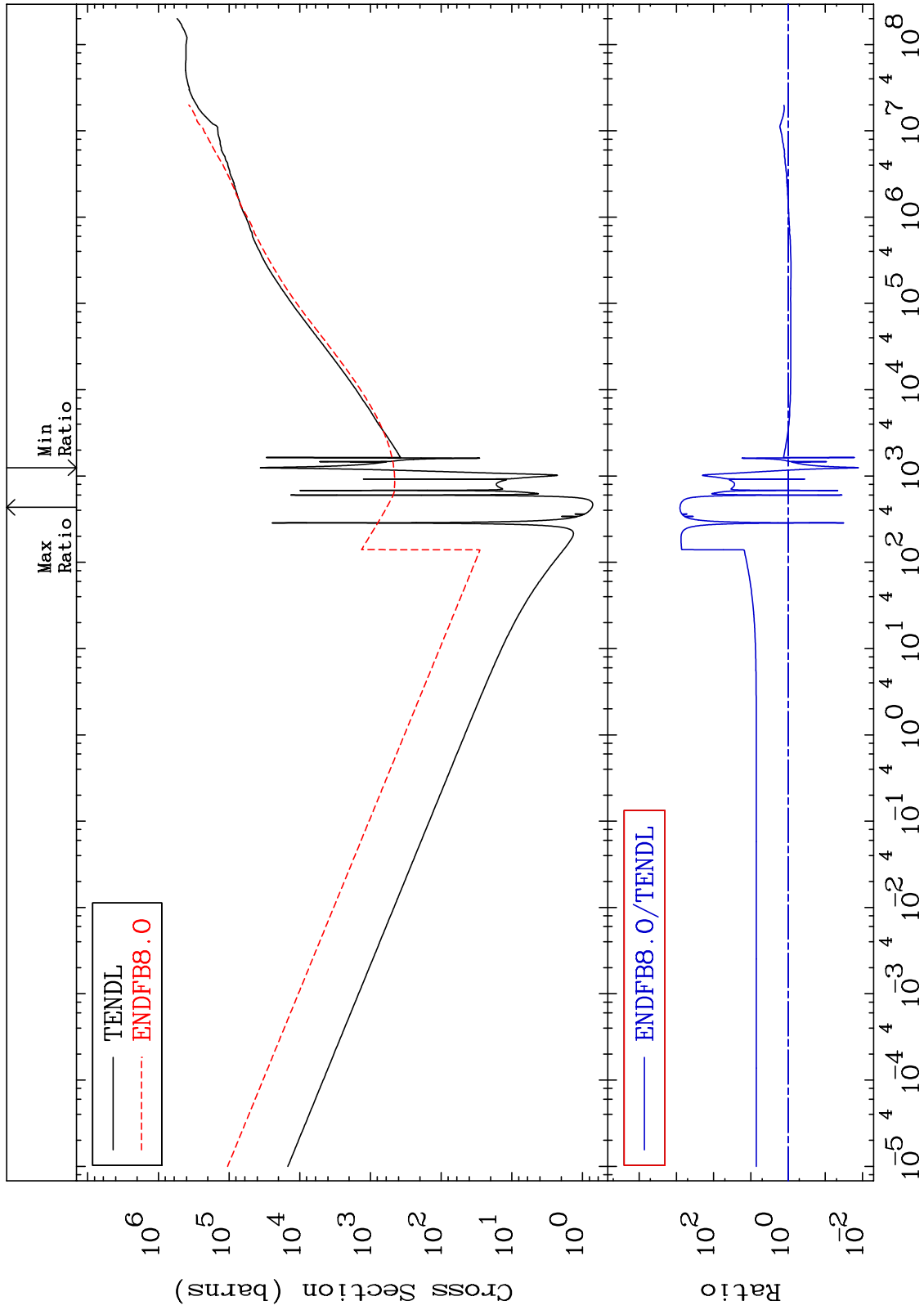
Incident Energy (eV)

44-Ru-98

MAT 4431

Dpa total (eV-barns)
Cross Section

44-Ru-98
-98.71 To 9999. %



43

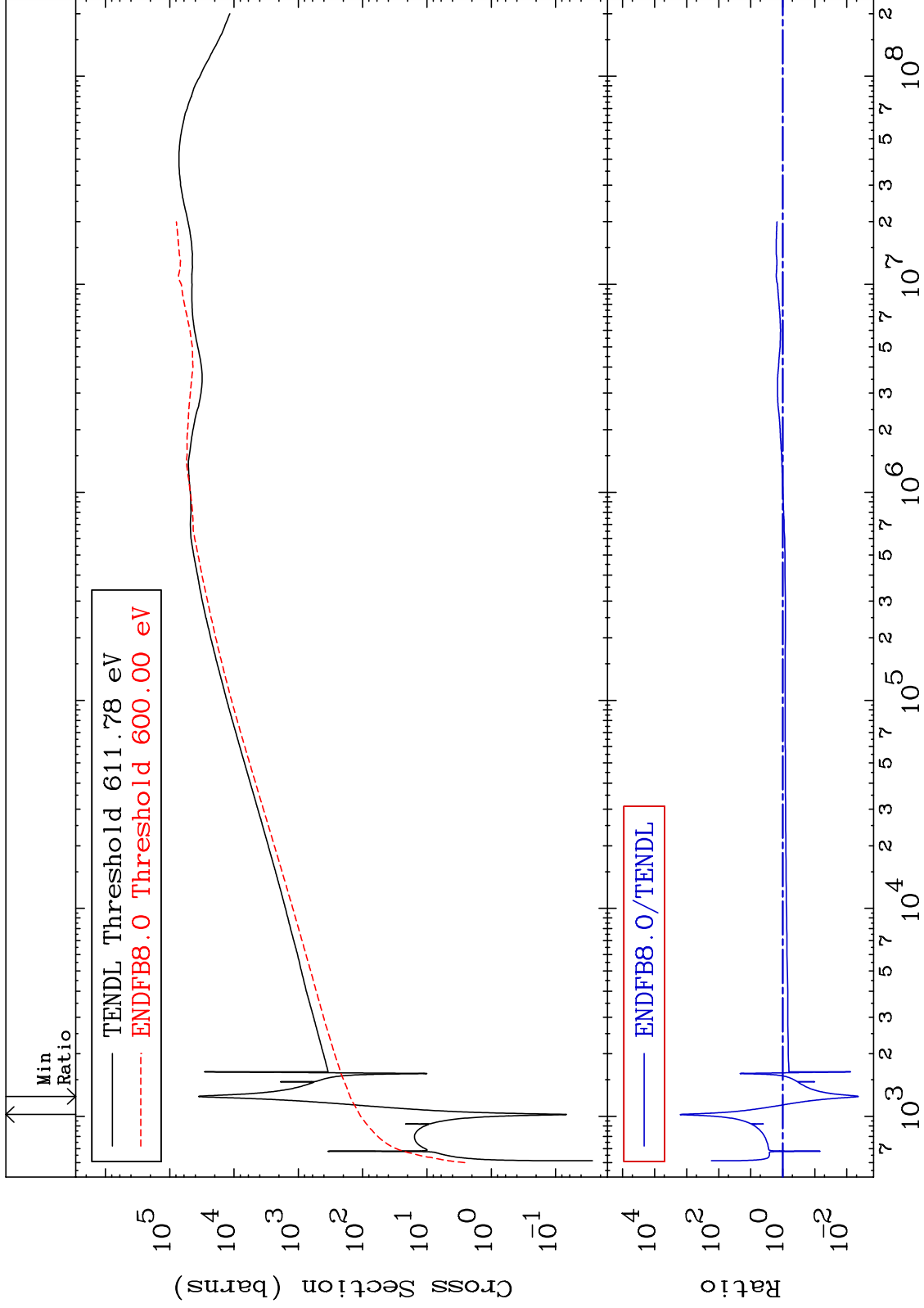
Incident Energy (eV)

44-Ru-98

MAT 4431

Dpa elastic (mt2)
Cross Section

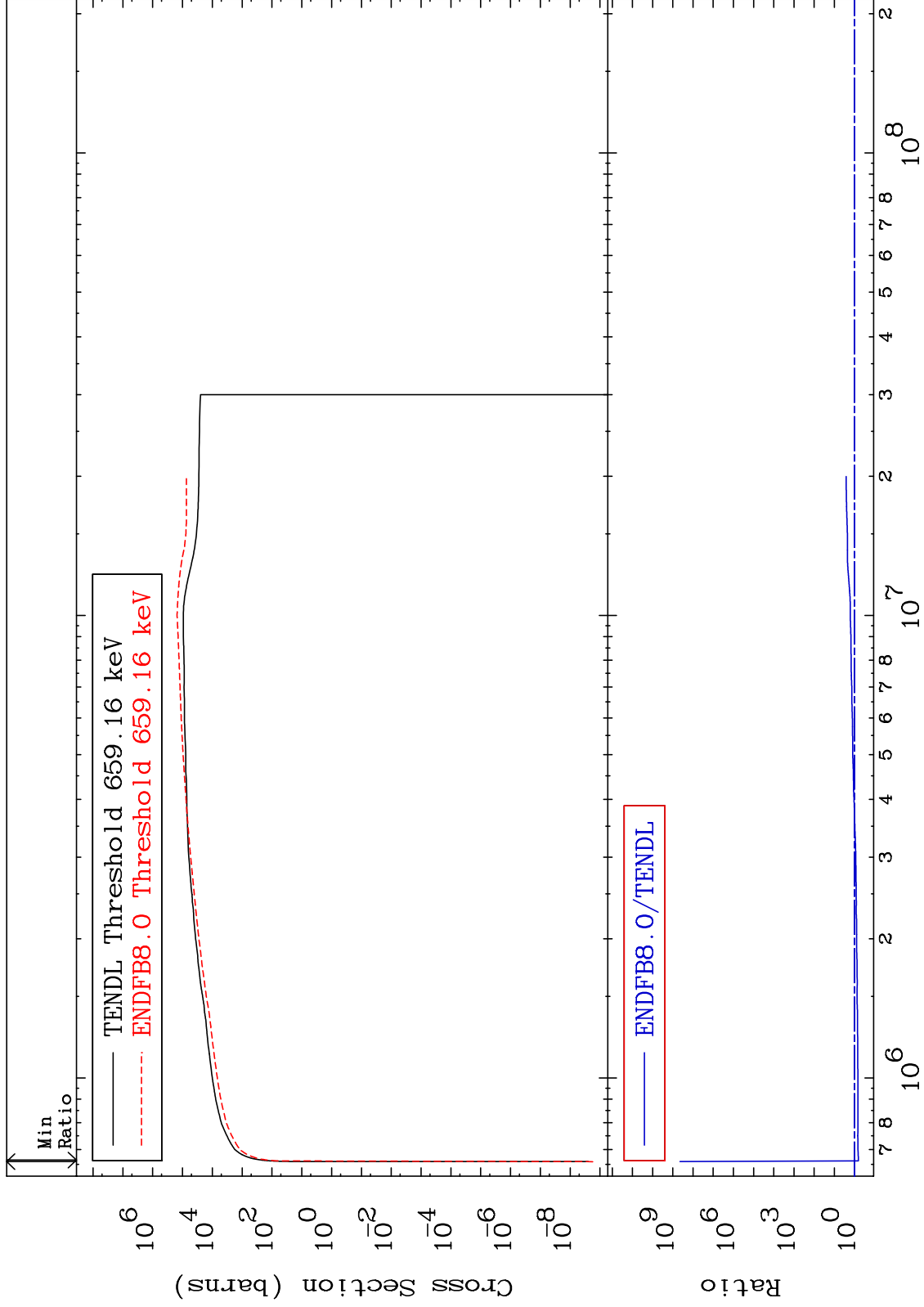
44-Ru-98
-99.56 To 9999. %



MAT 4431

Dpa inelastic (mt51-91)
Cross Section

44-Ru-98
-35.92 To 9999. %



45

Incident Energy (eV)

44-Ru-98

MAT 4431

Dpa disappearance (mt102 -120)

44-Ru-98

-96.79 To 9999. %

