

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

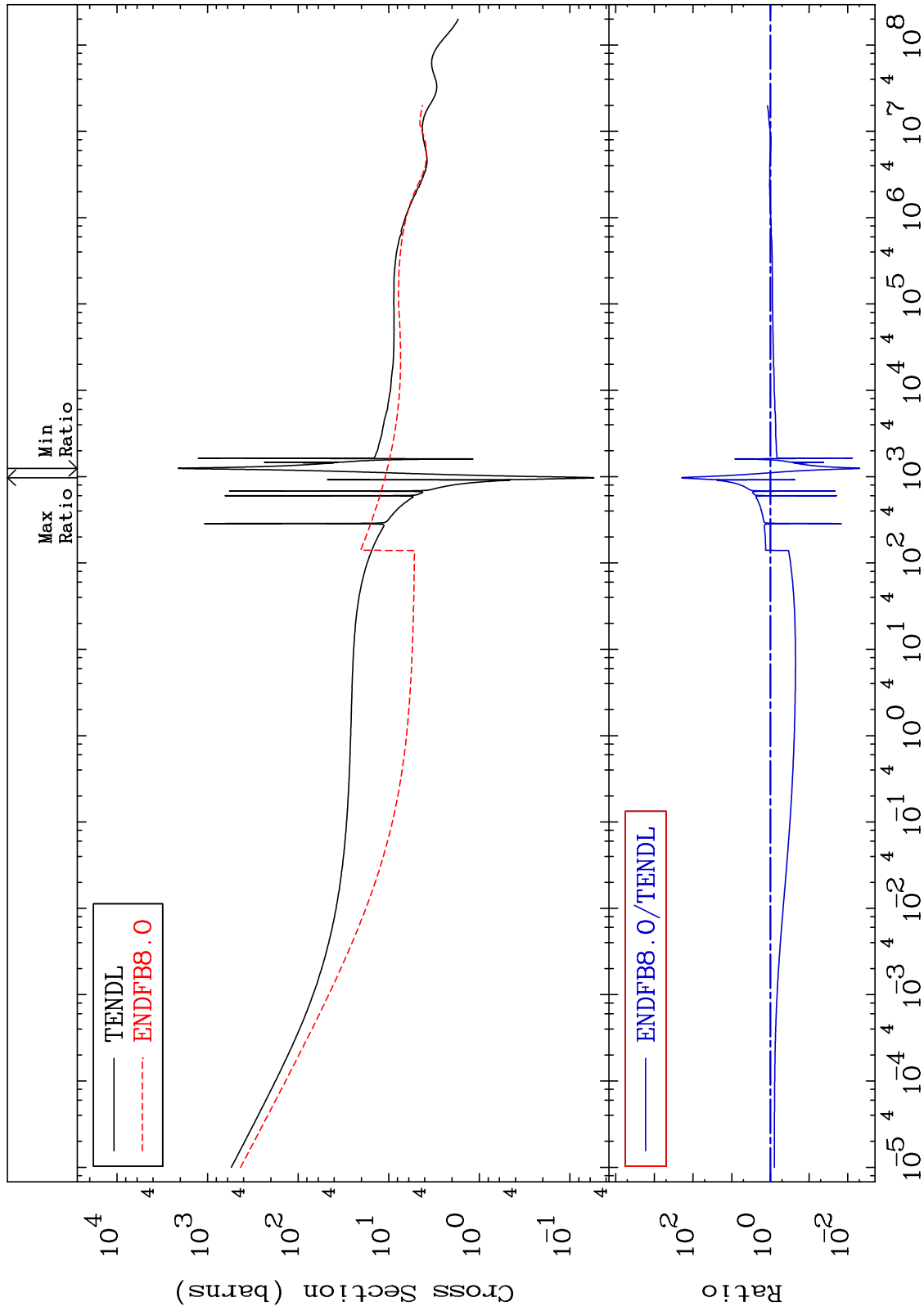
MAT 4431

Total

44-Ru-98

Cross Section

-99.51 To 9999. %



1

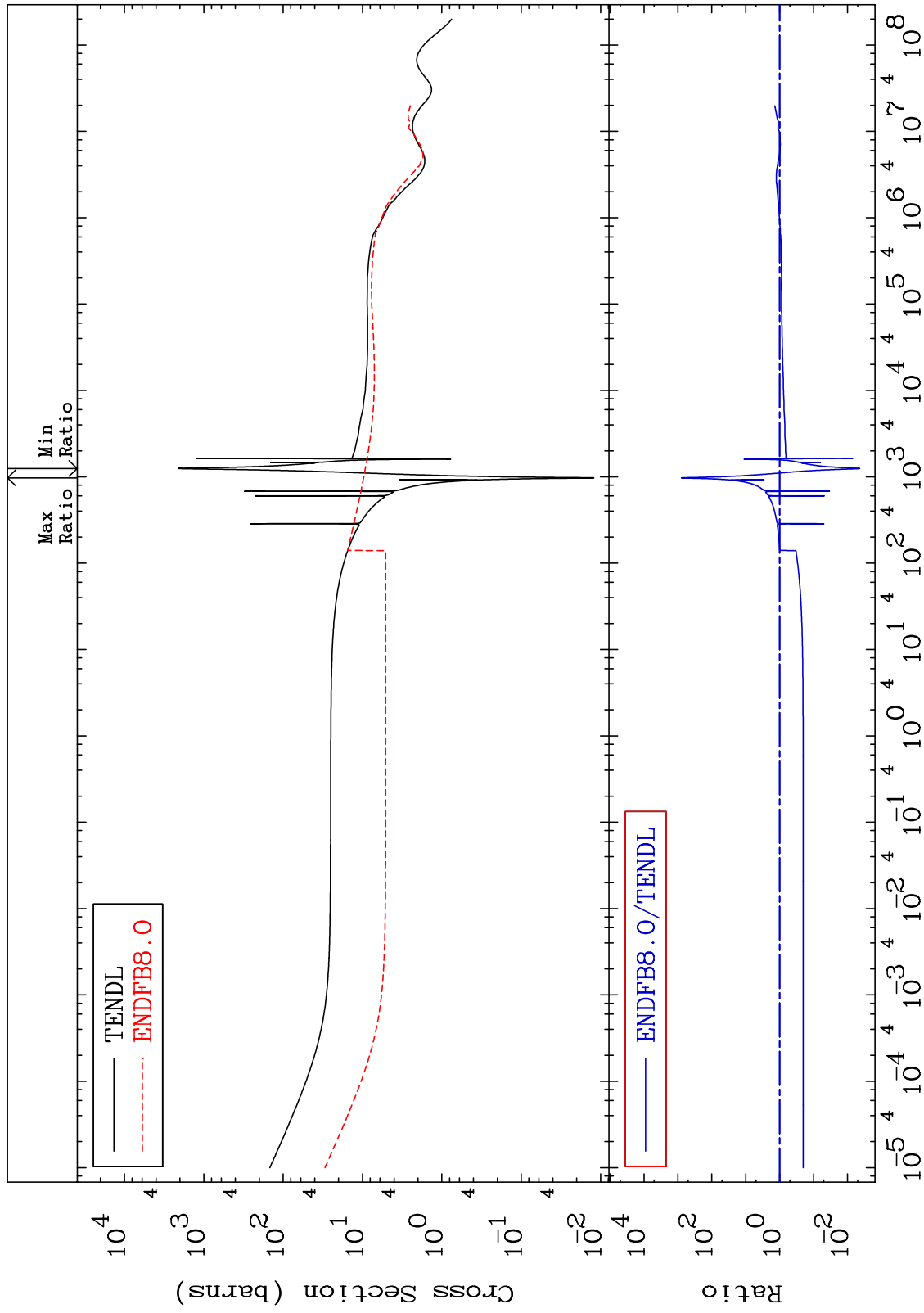
Incident Energy (eV)

44-Ru-98

MAT 4431

Elastic
Cross Section

44-Ru-98
-99.57 To 9999. %

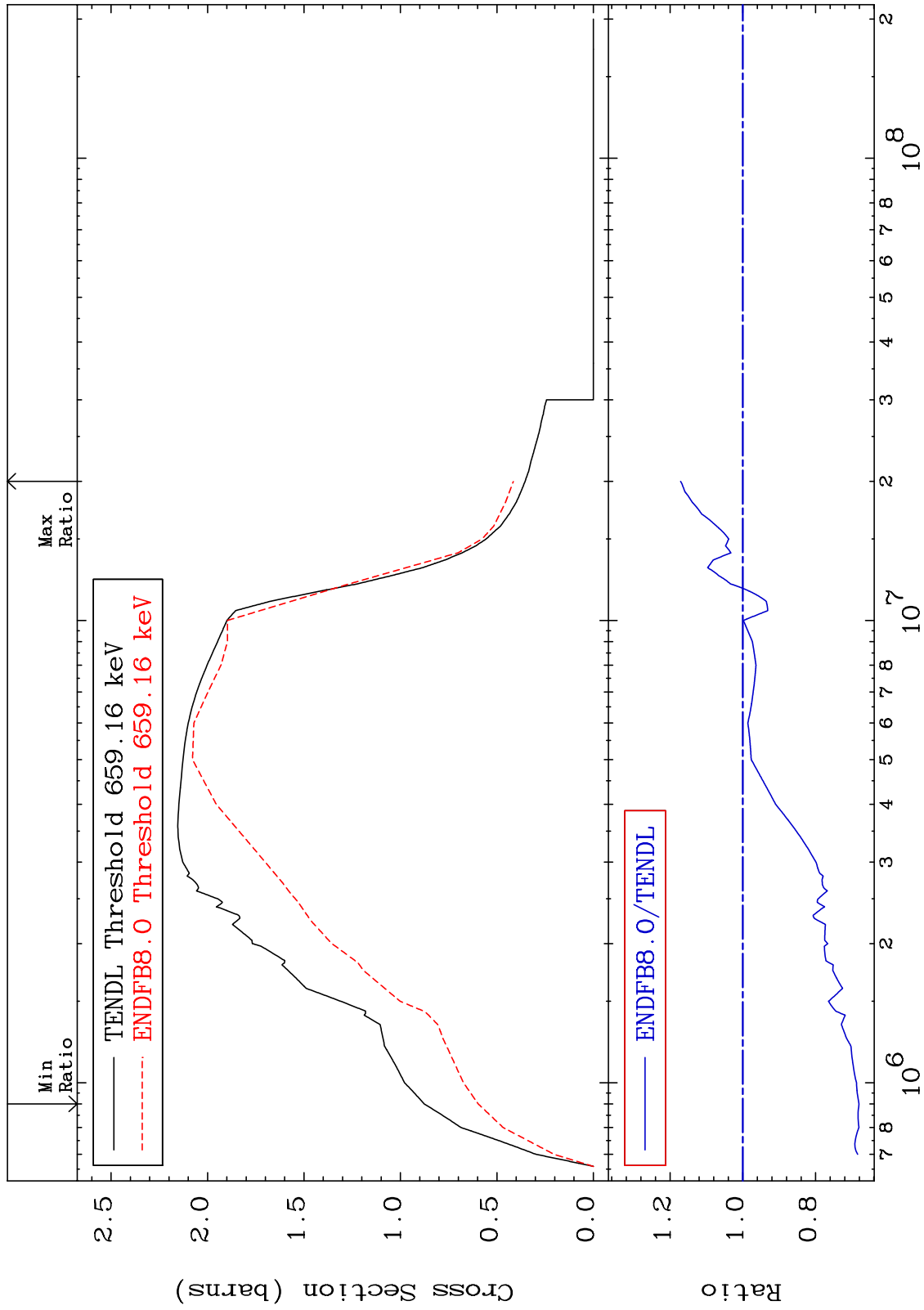


2

Incident Energy (eV)

44-Ru-98

MAT 4431 Inelastic Cross Section 44-Ru-98 -31.92 To 17.08 %



3 44-Ru-98

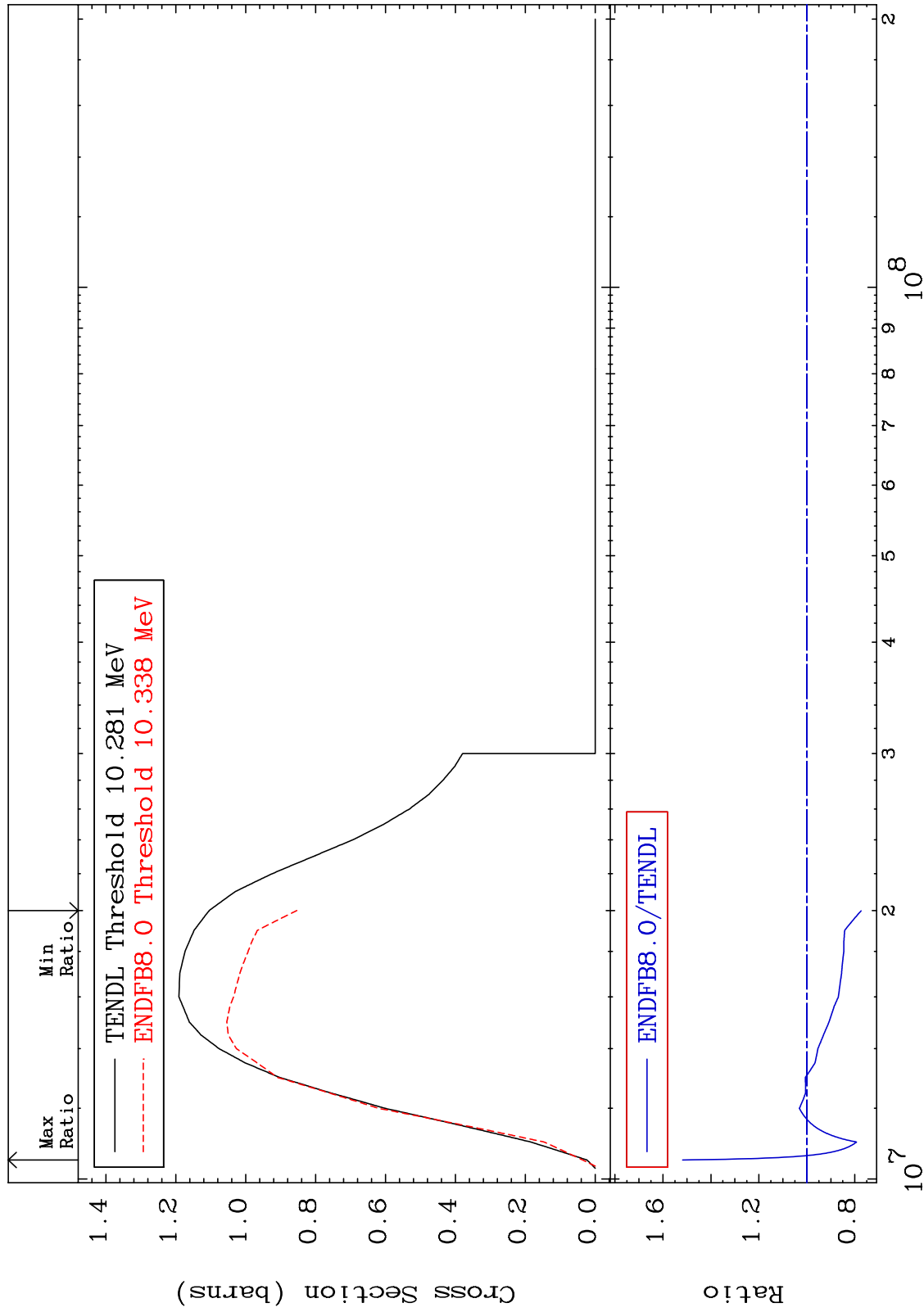
MAT 4431

(n,2n)

44-Ru-98

Cross Section

-22.72 To 51.77 %



44-Ru-98

44-Ru-98

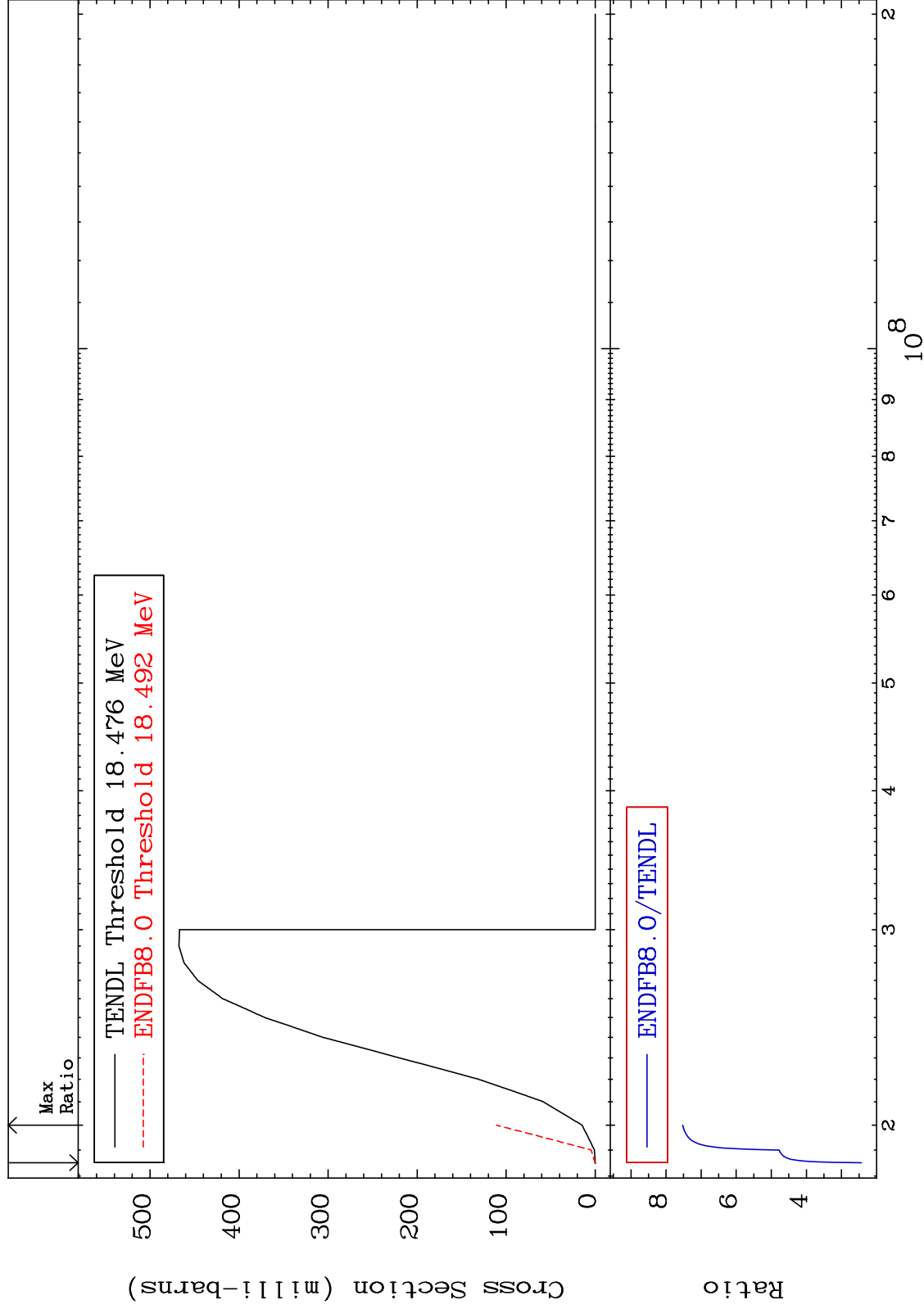
MAT 4431

(n,3n)

44-Ru-98

Cross Section

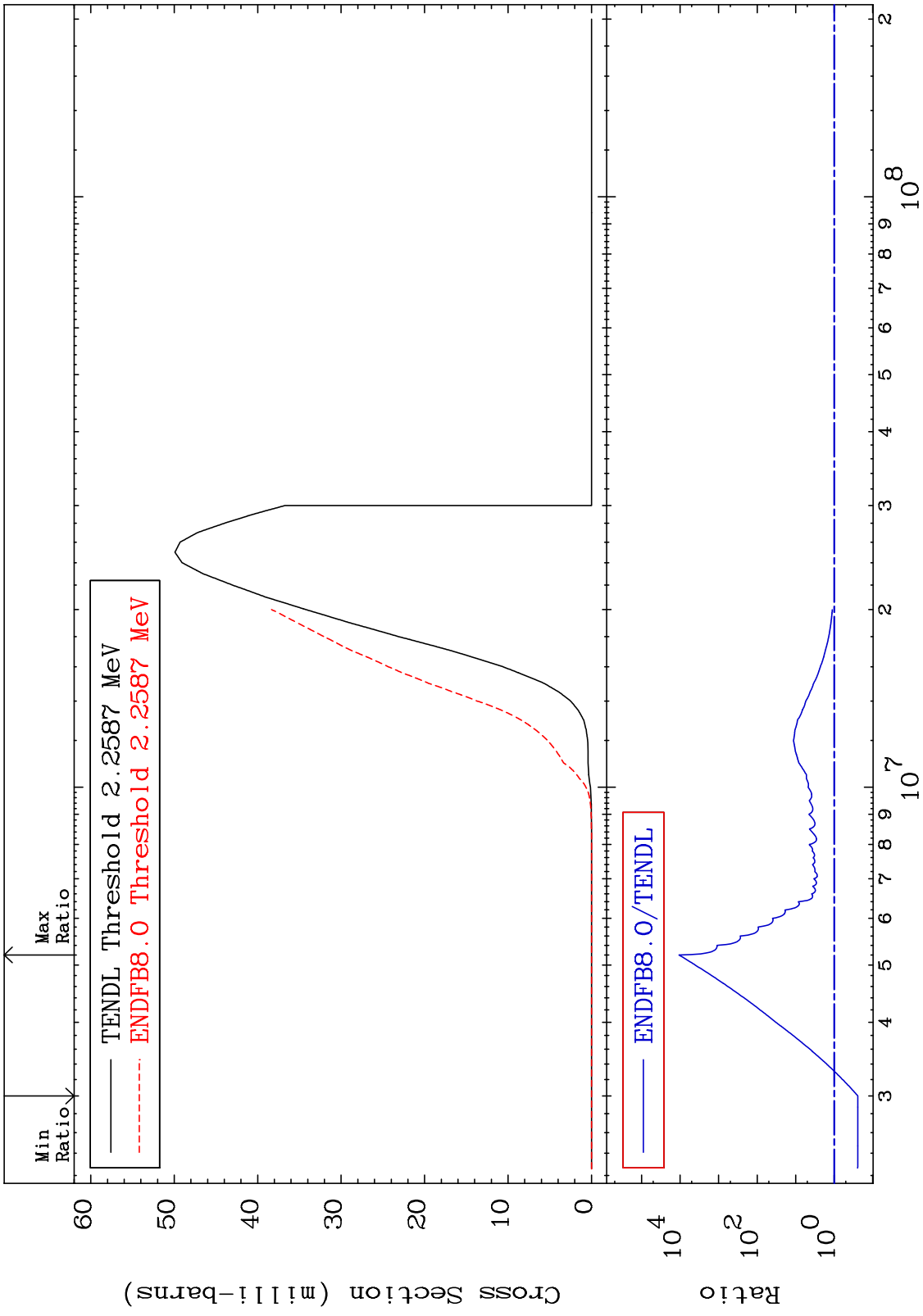
143.4 To 652.6 %



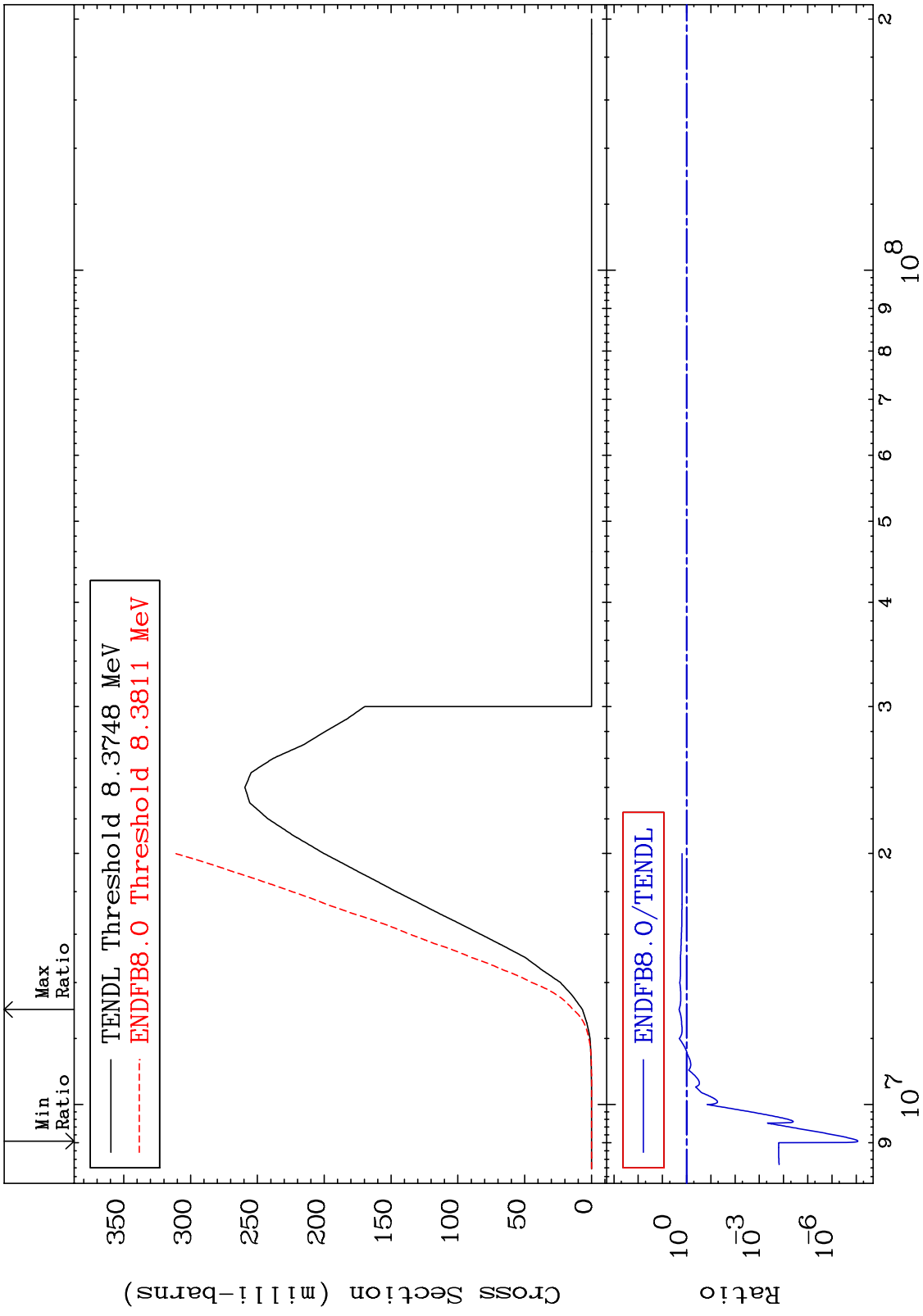
5

Incident Energy (eV)

44-Ru-98



MAT 4431 (n,n') p 44-Ru-98
Cross Section -100.0 To 105.4 %



7 Incident Energy (eV) 44-Ru-98

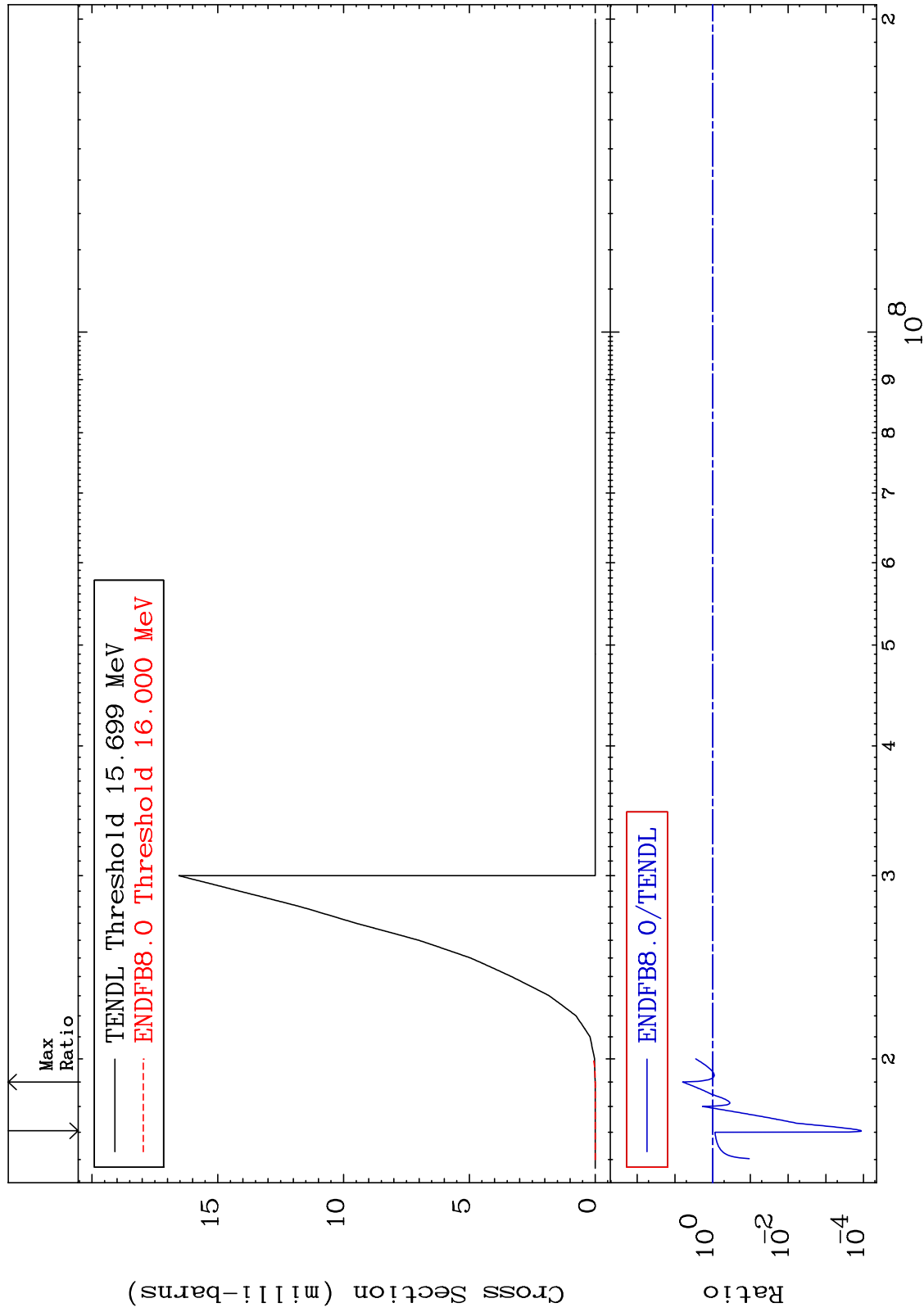
MAT 4431

(n, n') d

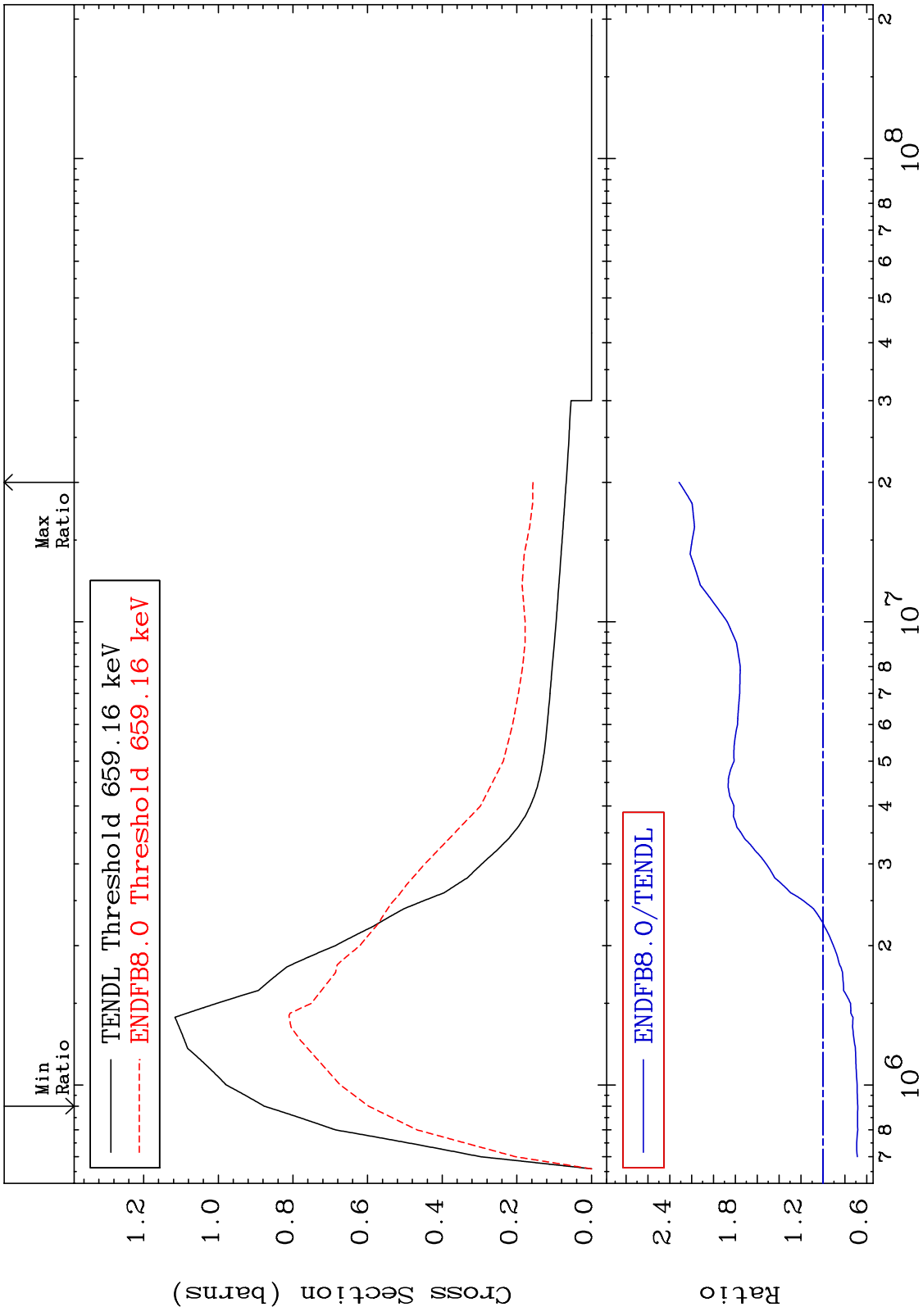
44-Ru-98

Cross Section

-99.99 To 524.1 %



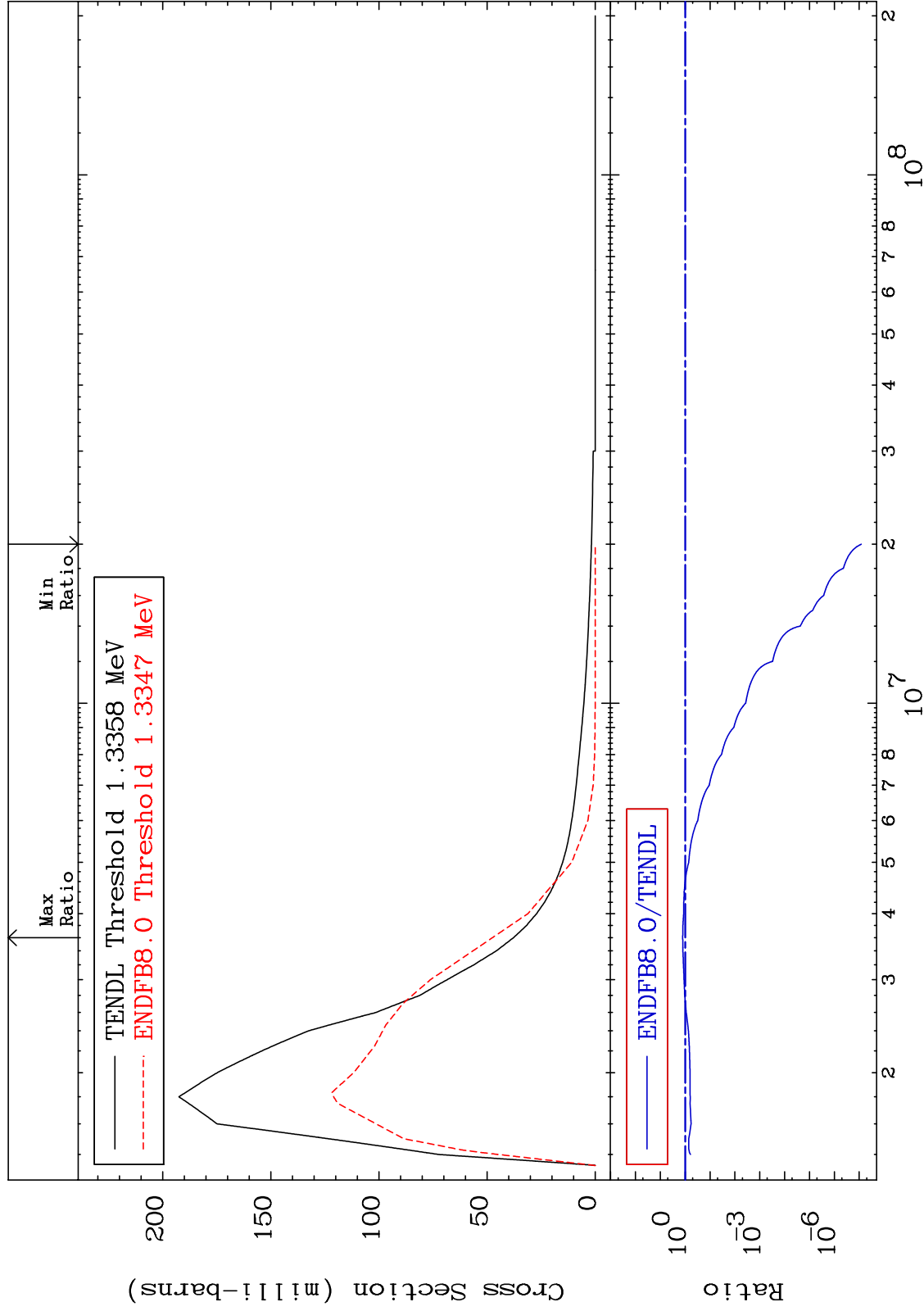
MAT 4431 MT= 51 (n,n') Level Cross Section 44-Ru-98
 -31.92 To 131.6 %



MAT 4431

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

44-Ru-98
-100.0 To 26.00 %

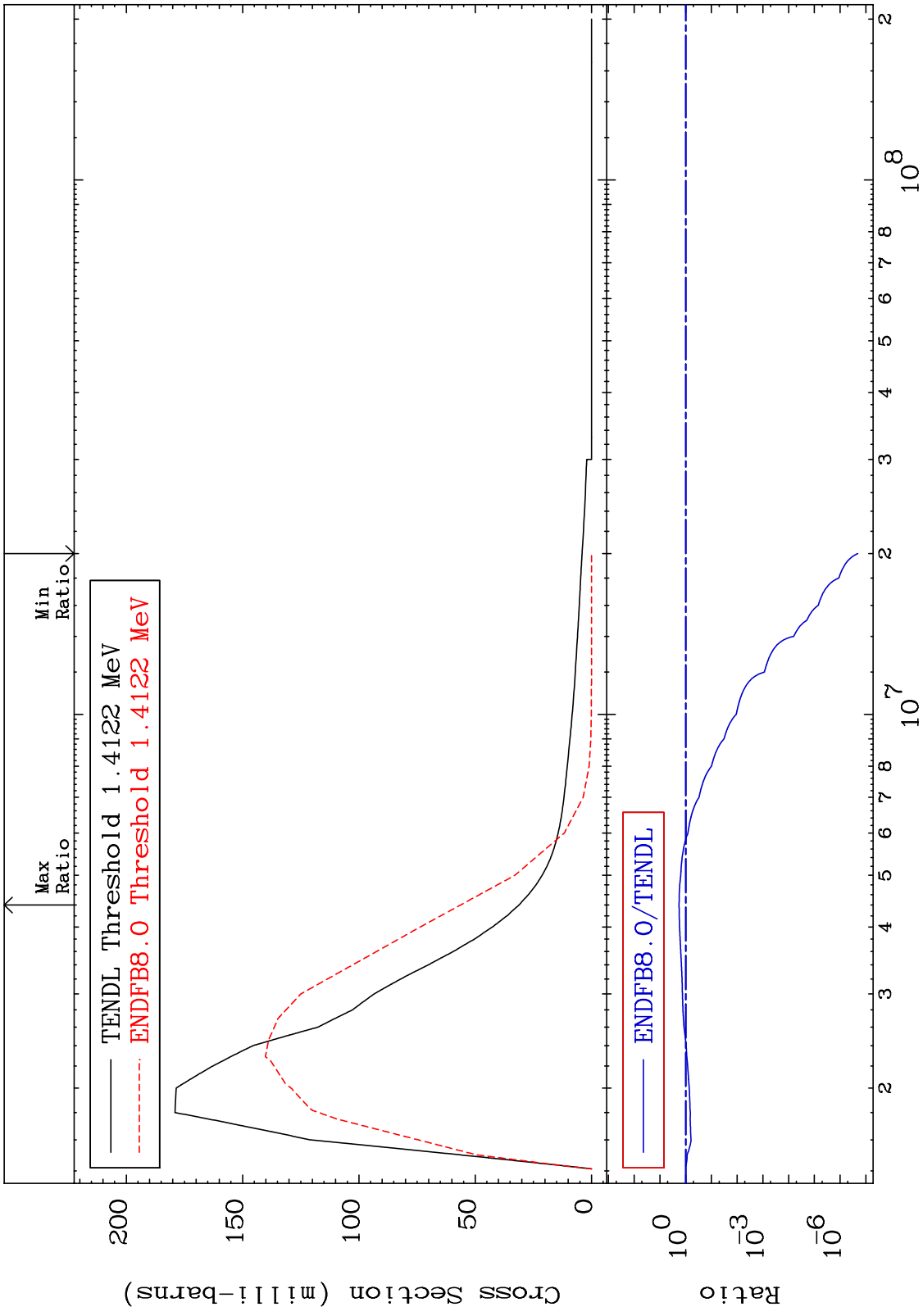


10

Incident Energy (eV)

44-Ru-98

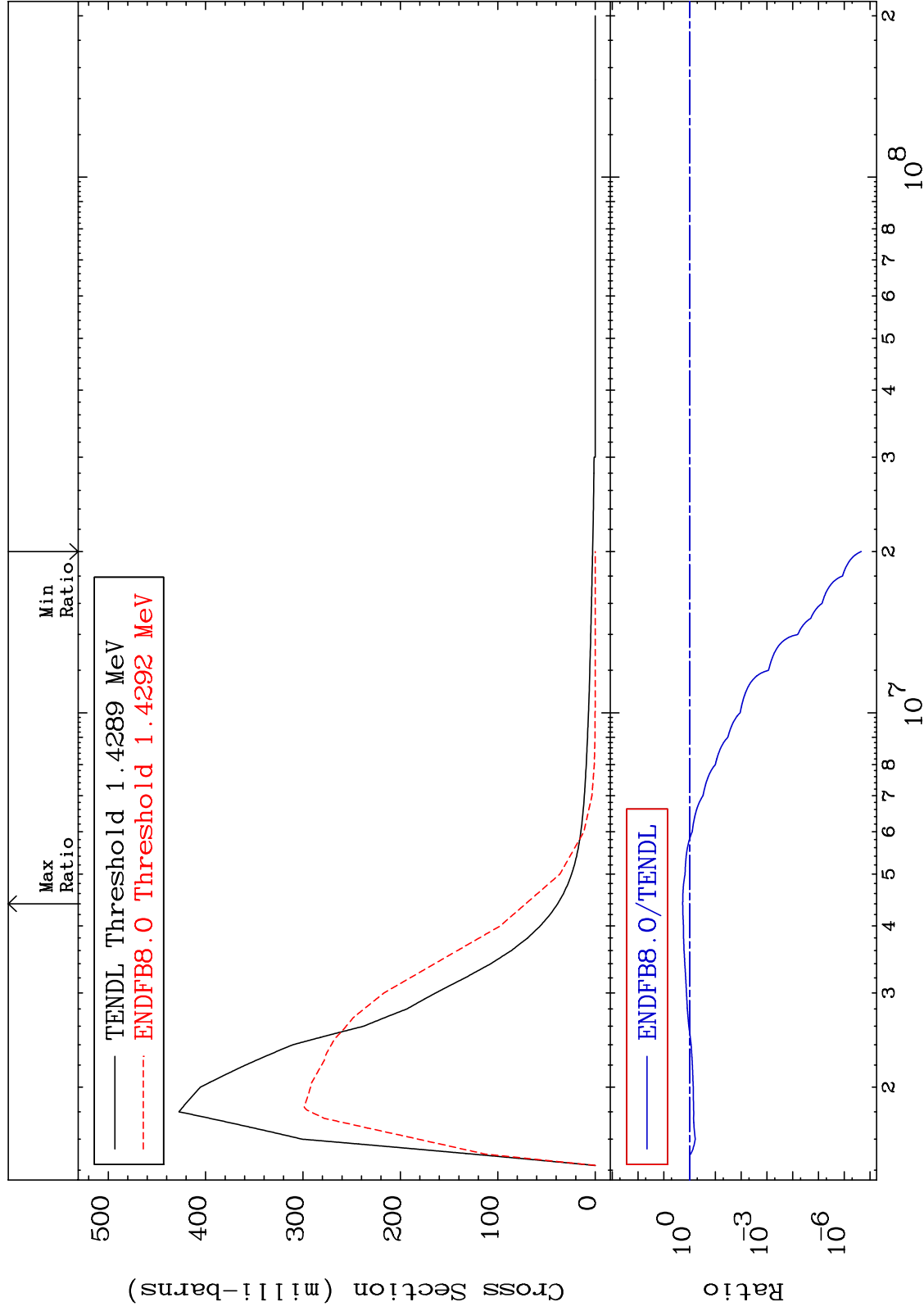
MAT 4431 MT= 53 (n,n') Level Cross Section 44-Ru-98
 -100.0 To 80.51 %



MAT 4431

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

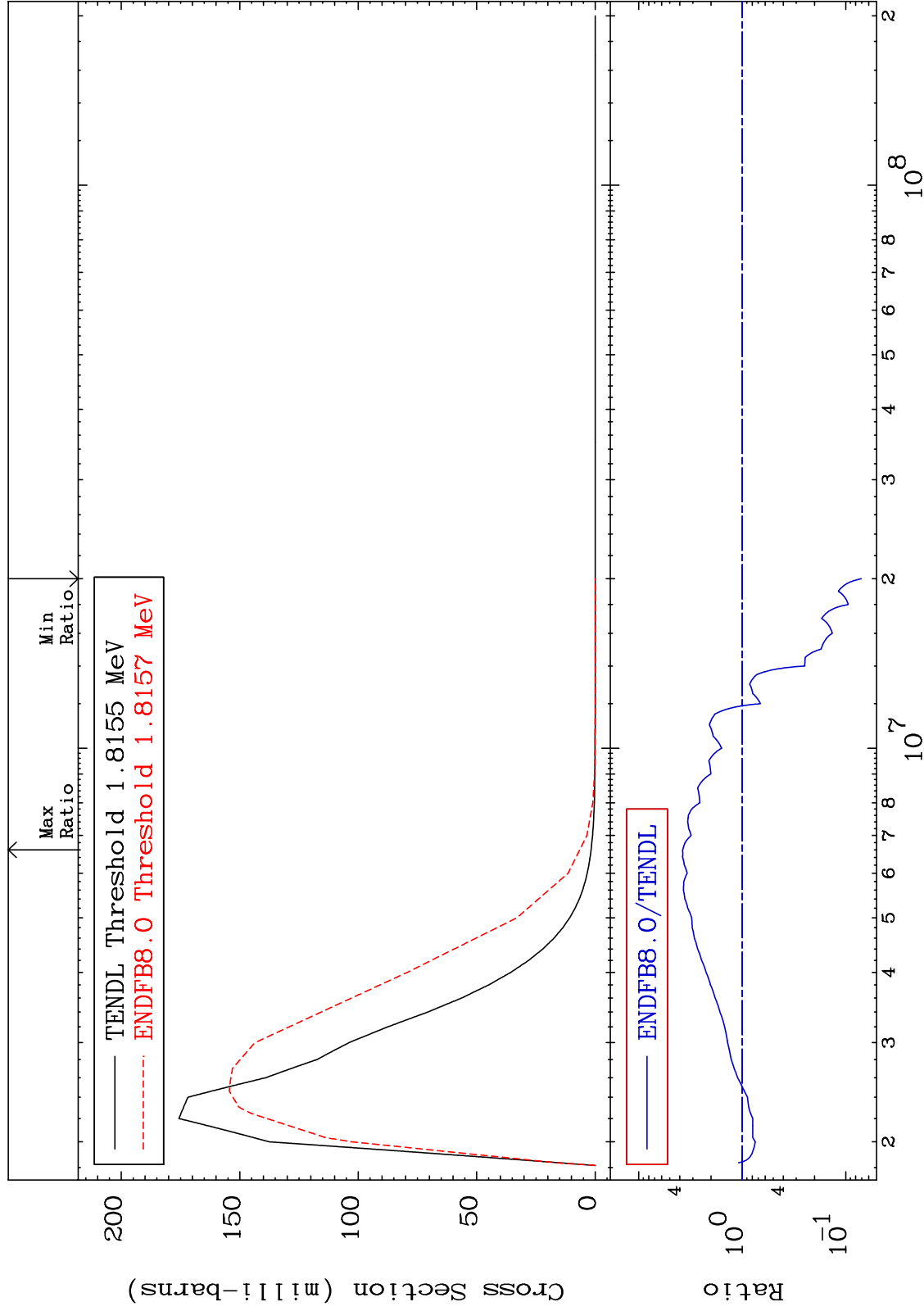
44-Ru-98
-100.0 To 85.36 %



MAT 4431

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

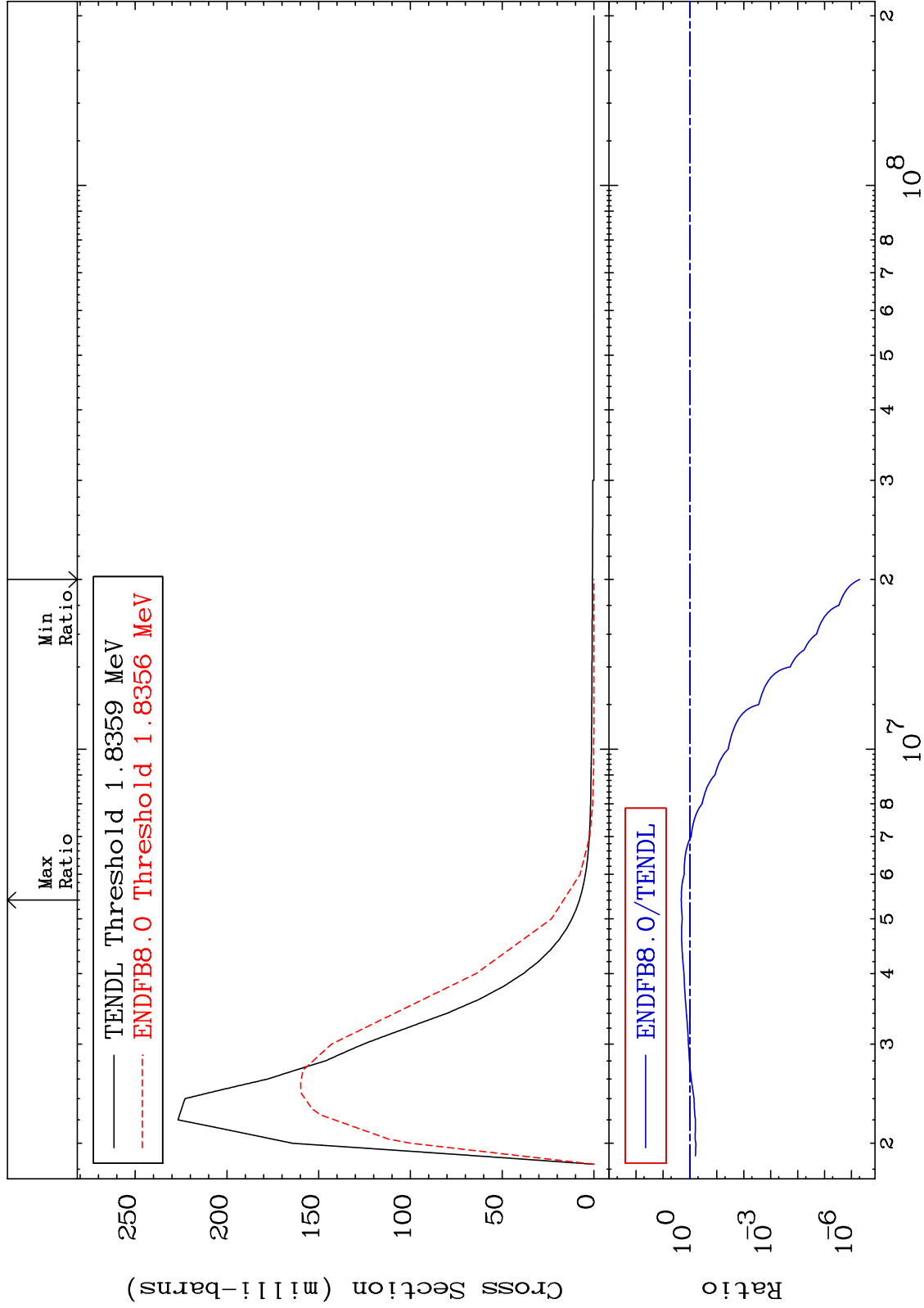
44-Ru-98
-92.94 To 275.5 %



MAT 4431

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

44-Ru-98
-100.0 To 110.1 %



14

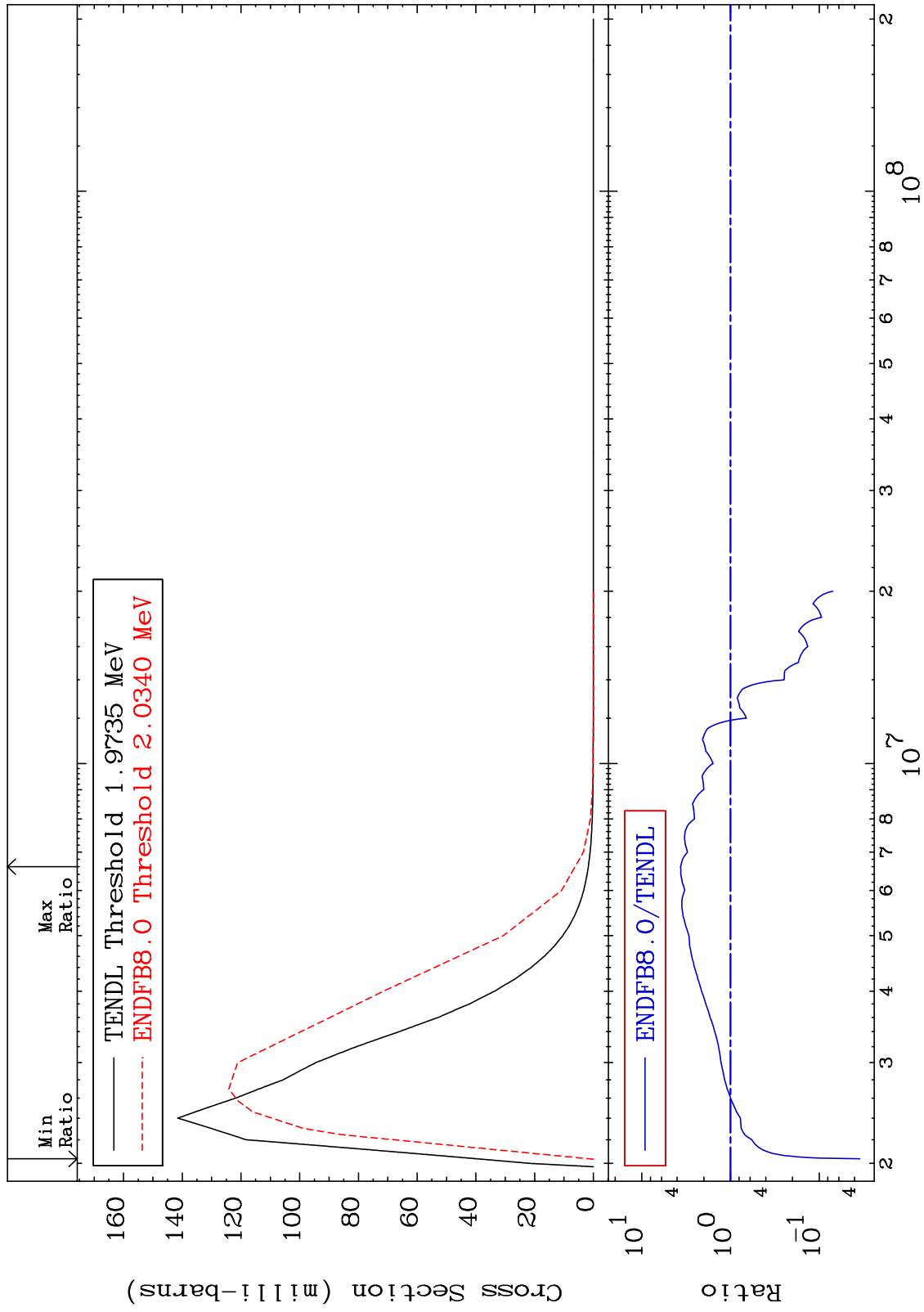
Incident Energy (eV)

44-Ru-98

MAT 4431

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

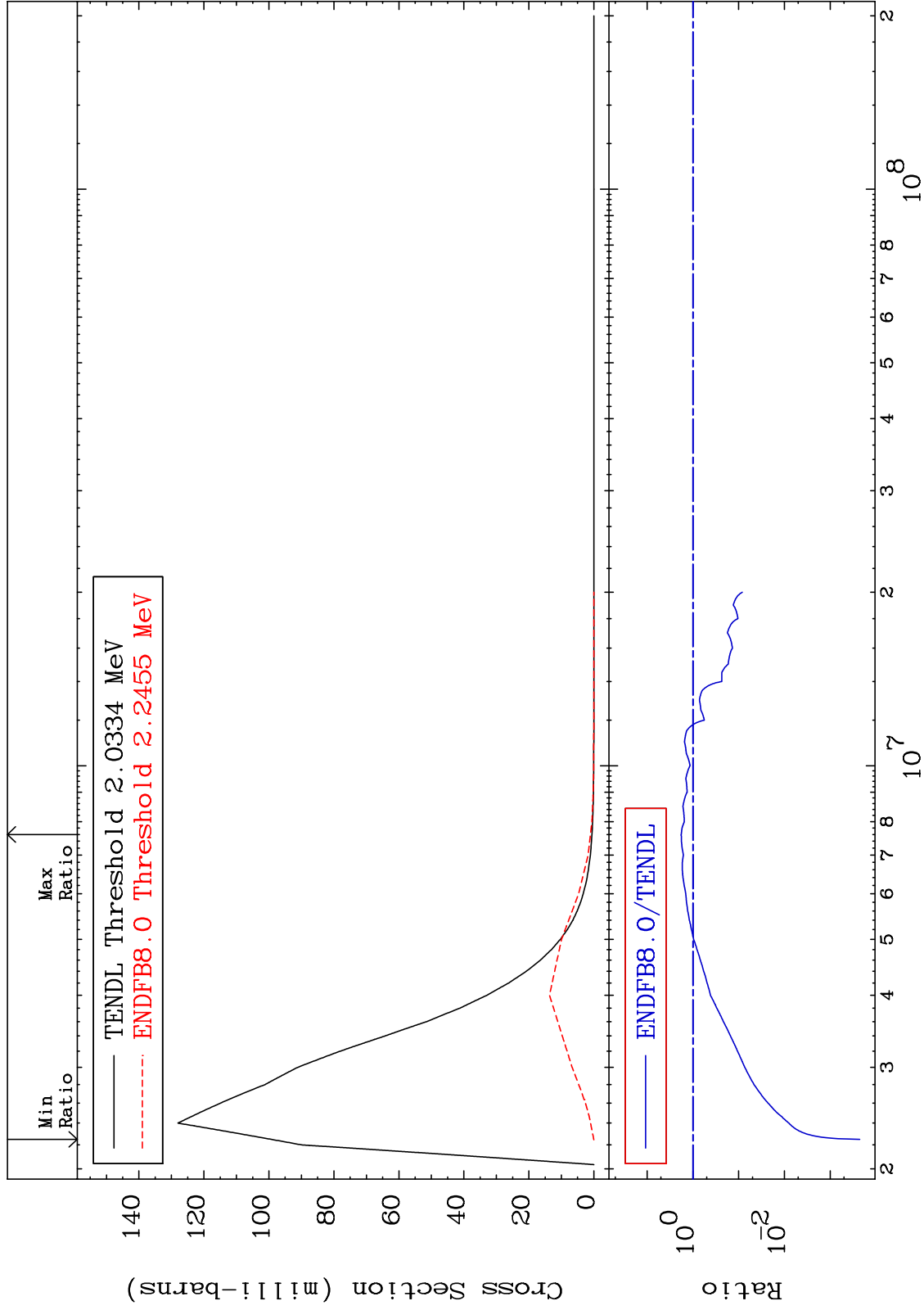
44-Ru-98
-96.44 To 265.0 %



MAT 4431

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

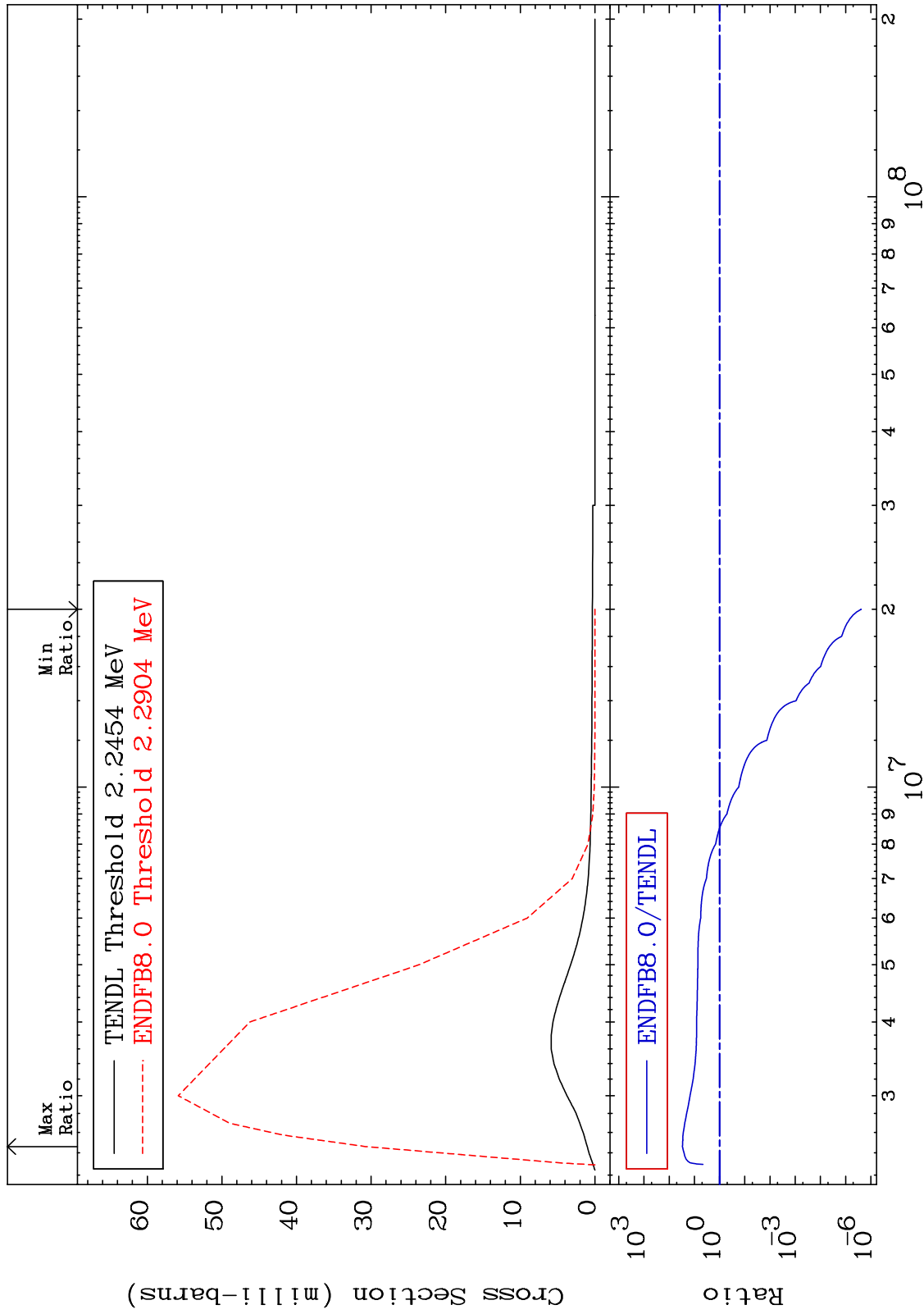
44-Ru-98
-99.98 To 79.98 %



MAT 4431

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

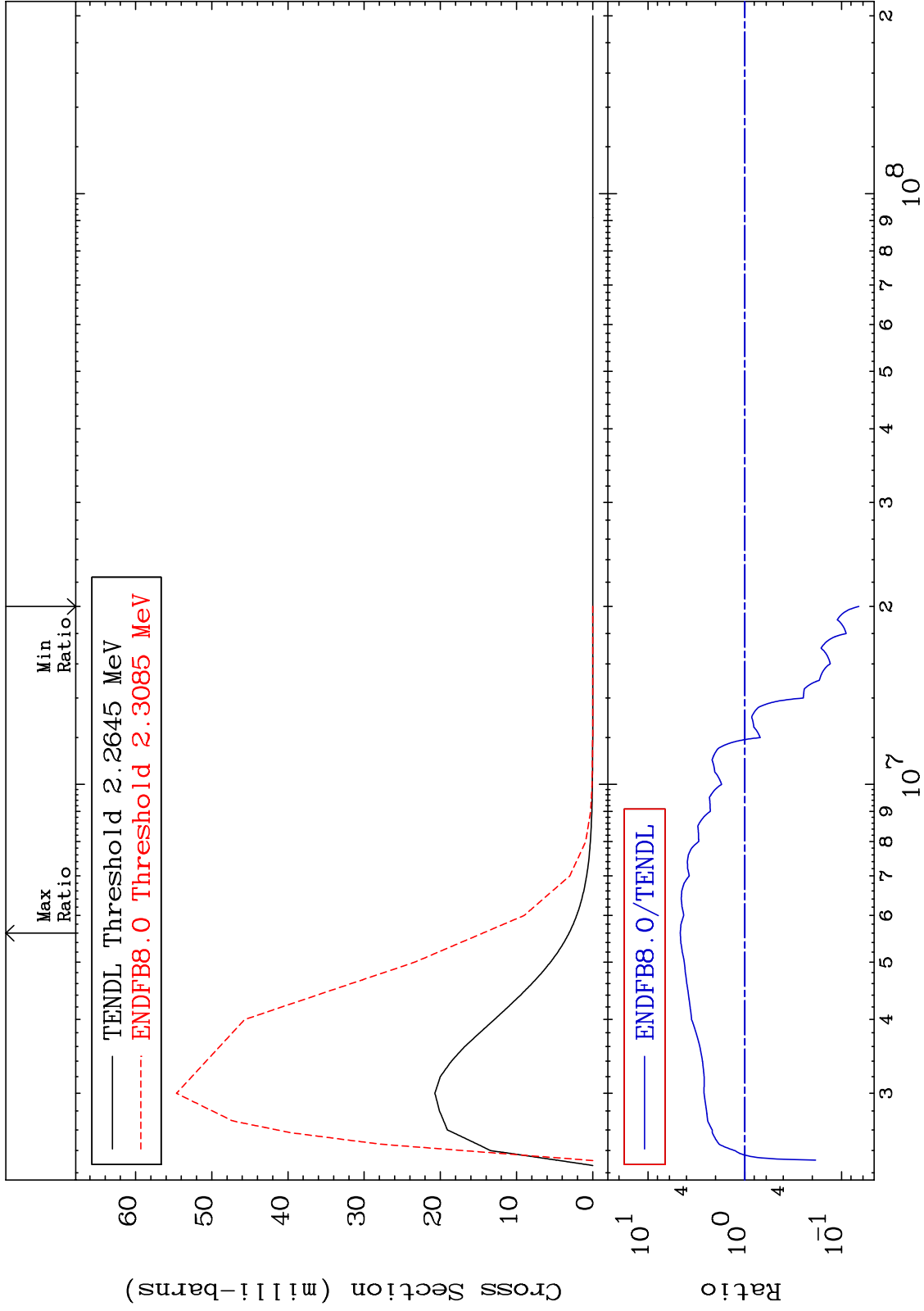
44-Ru-98
-100.0 To 2874. %



MAT 4431

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

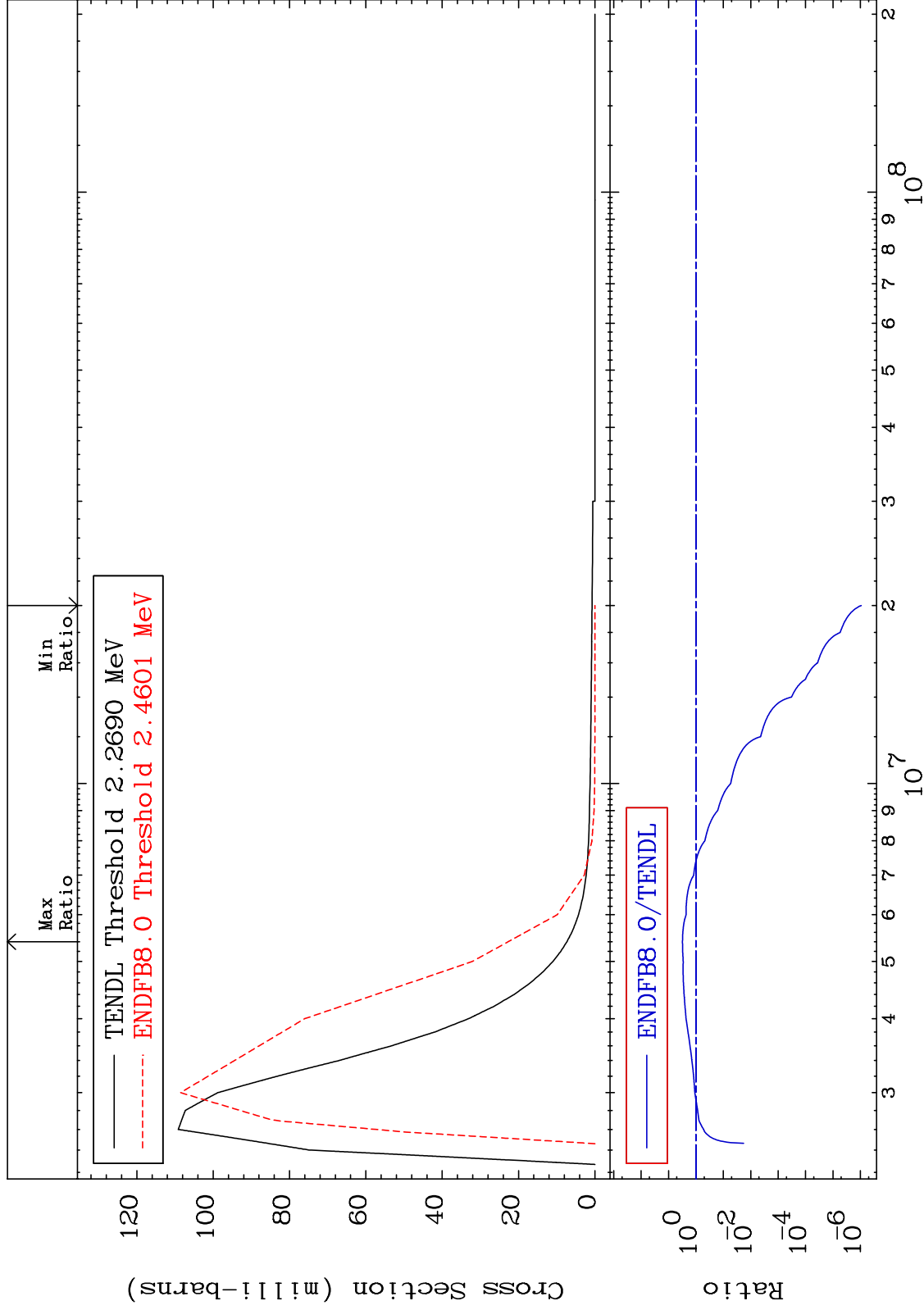
44-Ru-98
-93.39 To 364.6 %



MAT 4431

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

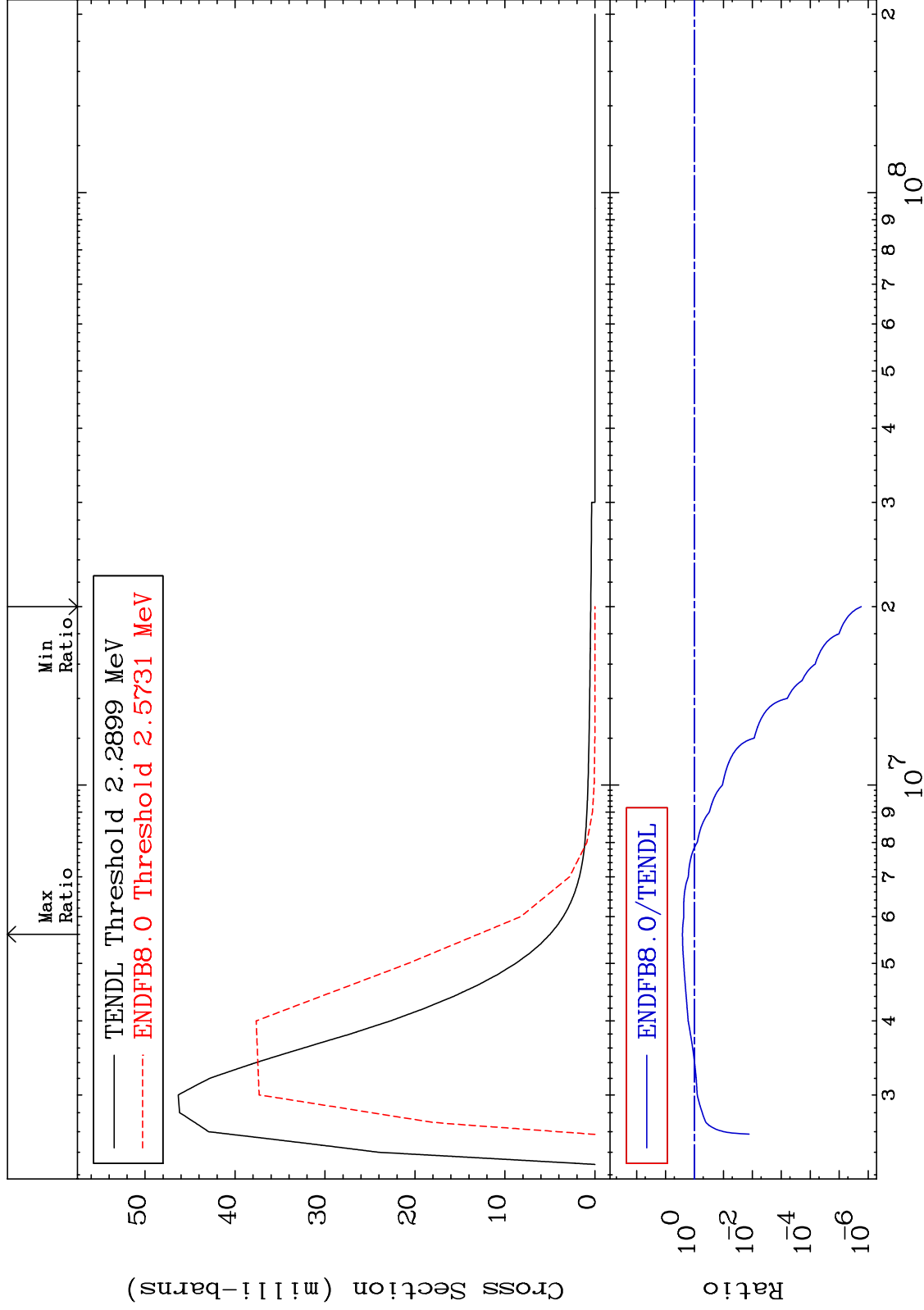
44-Ru-98
-100.0 To 210.0 %



MAT 4431

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

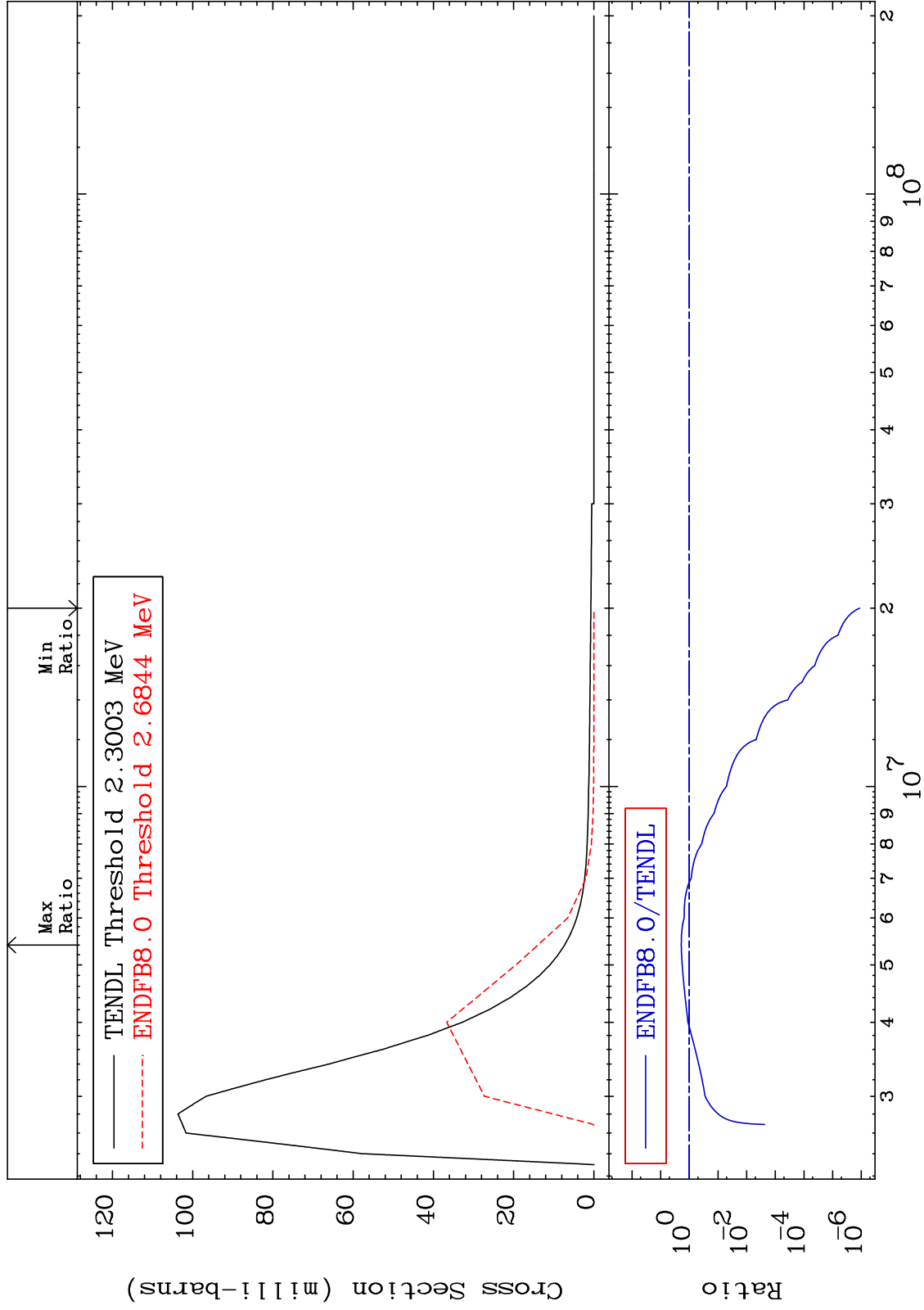
44-Ru-98
-100.0 To 160.2 %



MAT 4431

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

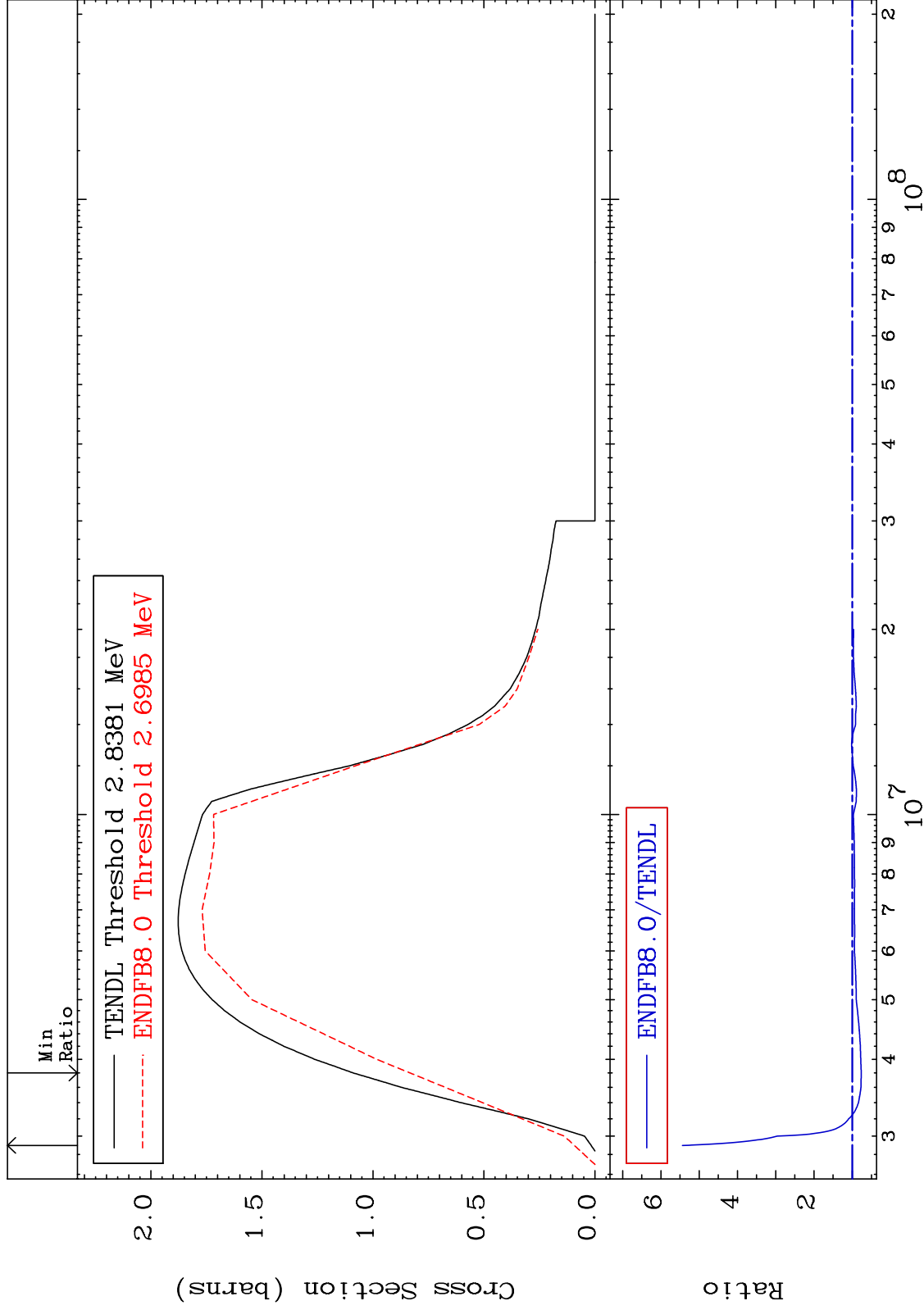
44-Ru-98
-100.0 To 91.47 %



MAT 4431

(n, n') Continuum
Cross Section

44-Ru-98
-23.54 To 443.7 %



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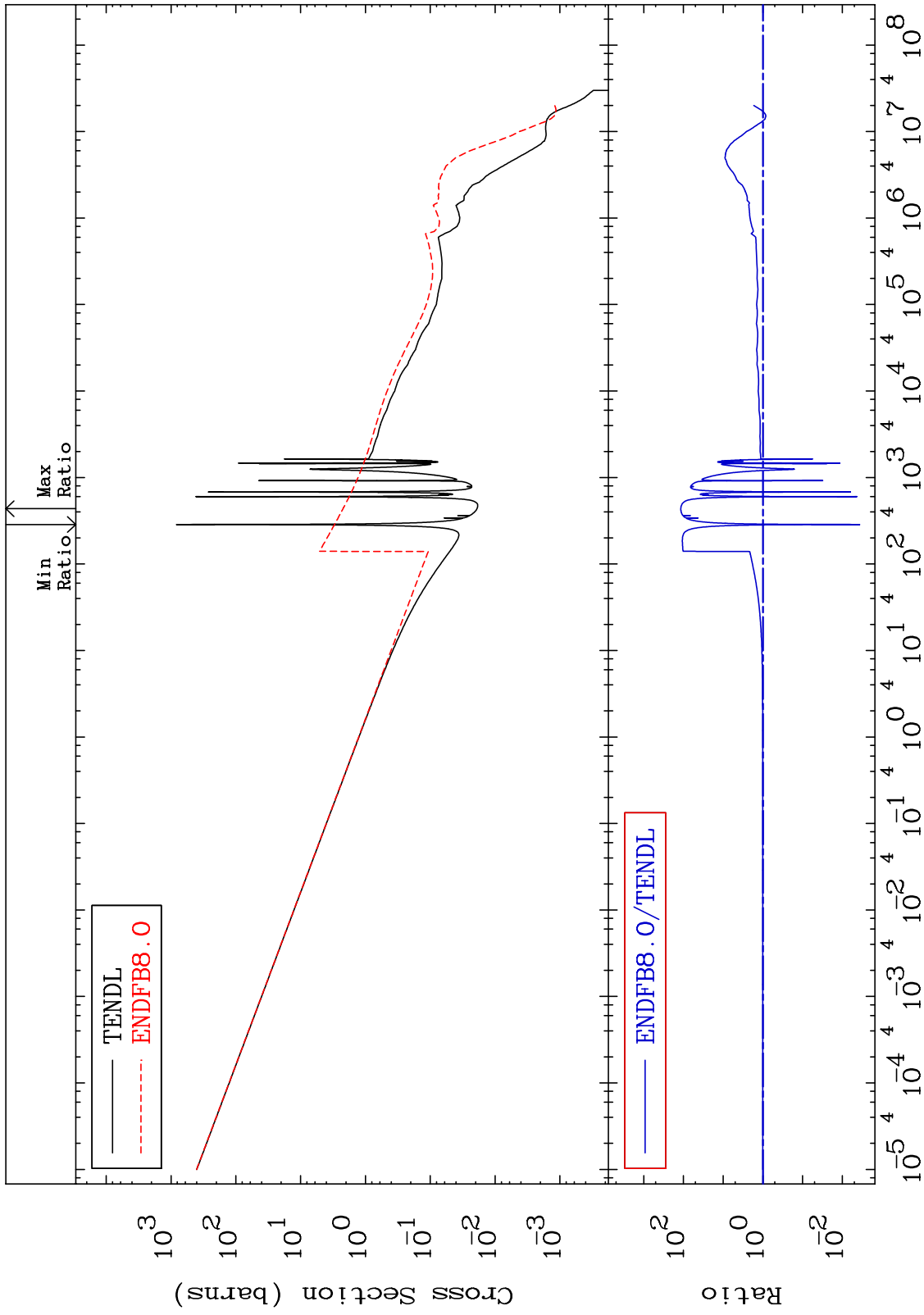
Incident Energy (eV)

44-Ru-98

MAT 4431

(n, γ)
Cross Section

44-Ru-98
-99.63 To 9999. %



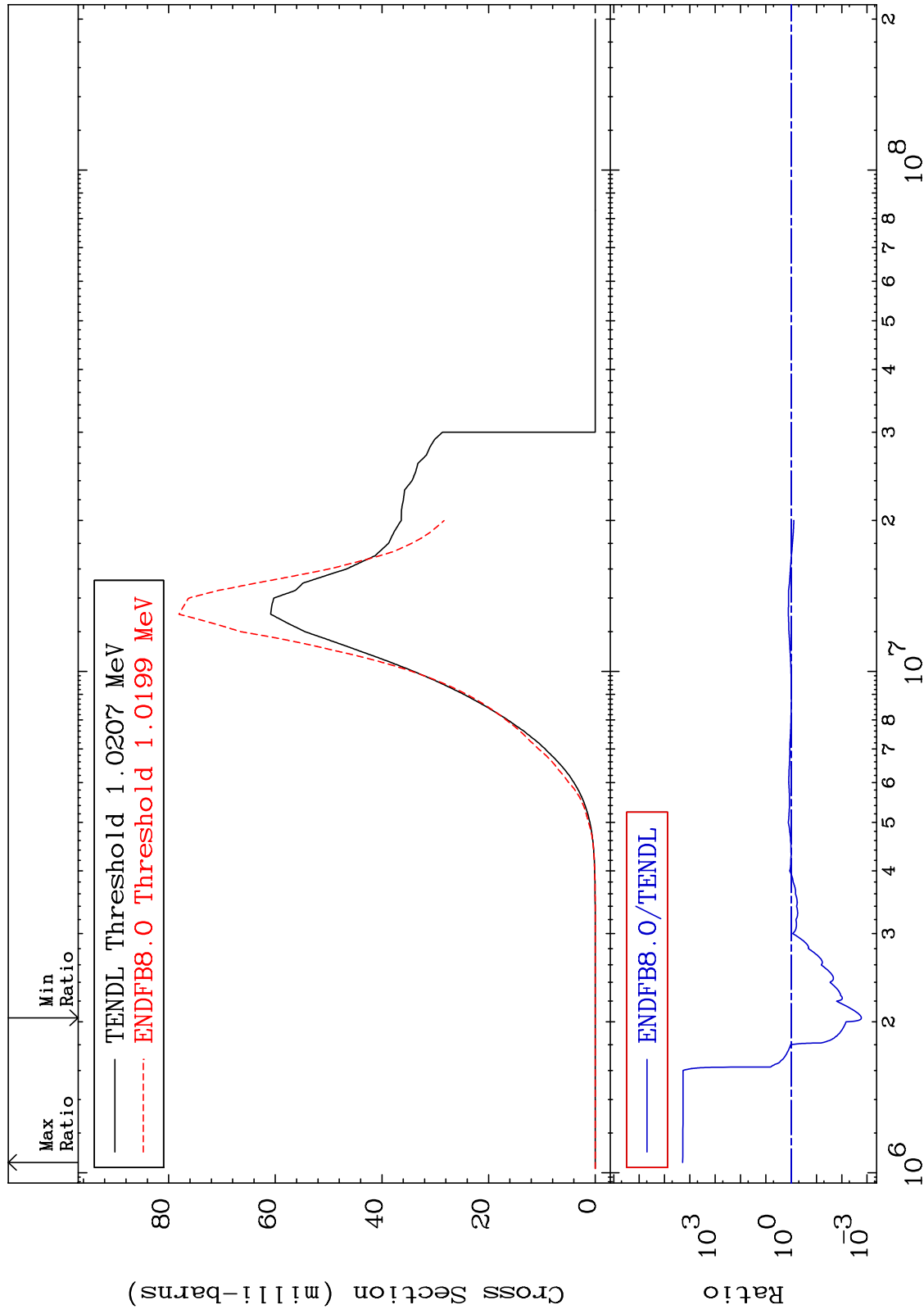
MAT 4431

(n,p)

44-Ru-98

Cross Section

-99.83 To 9999. %



24

Incident Energy (eV)

44-Ru-98

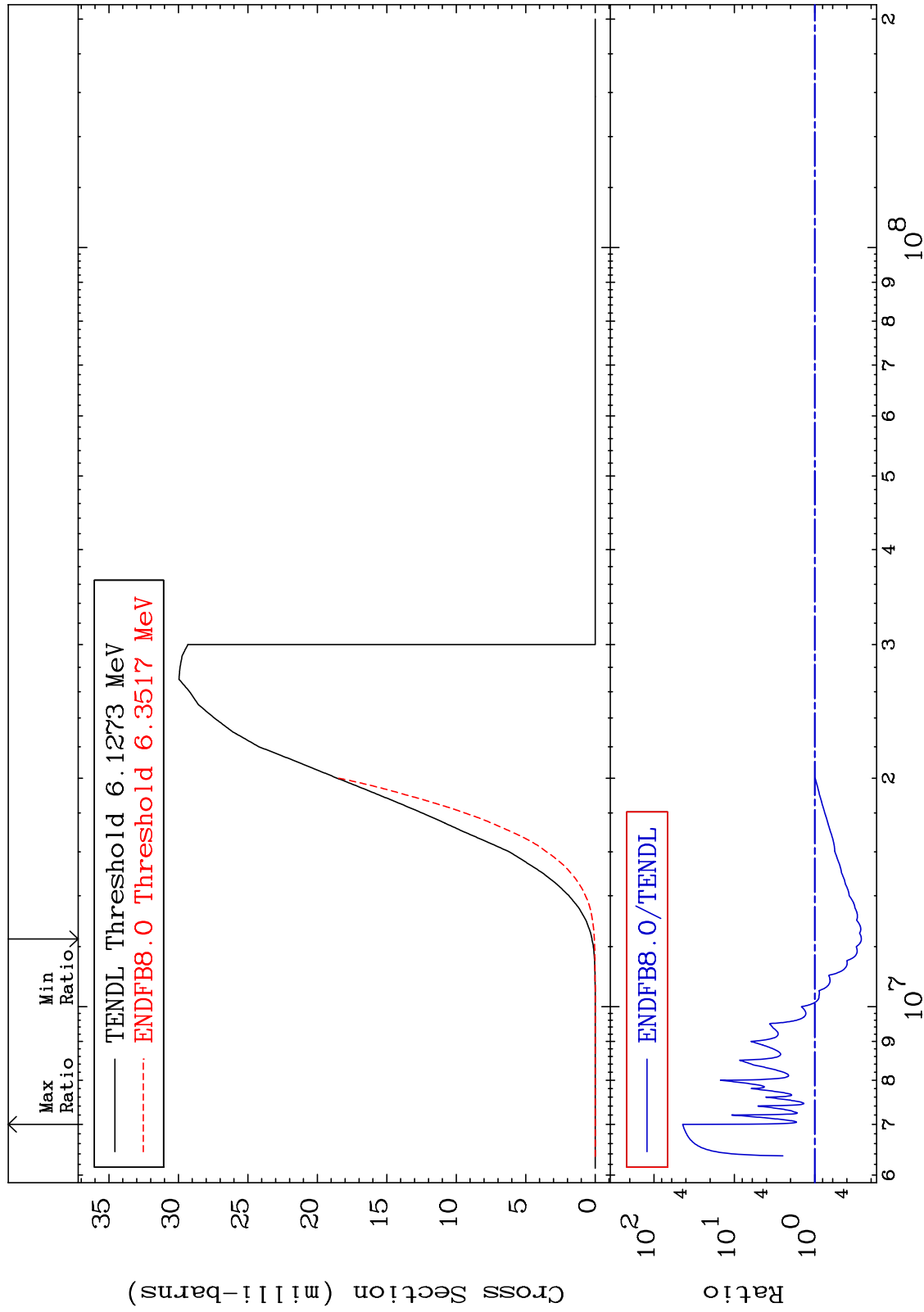
MAT 4431

(n,d)

44-Ru-98

Cross Section

-73.56 To 4291. %



25

Incident Energy (eV)

44-Ru-98

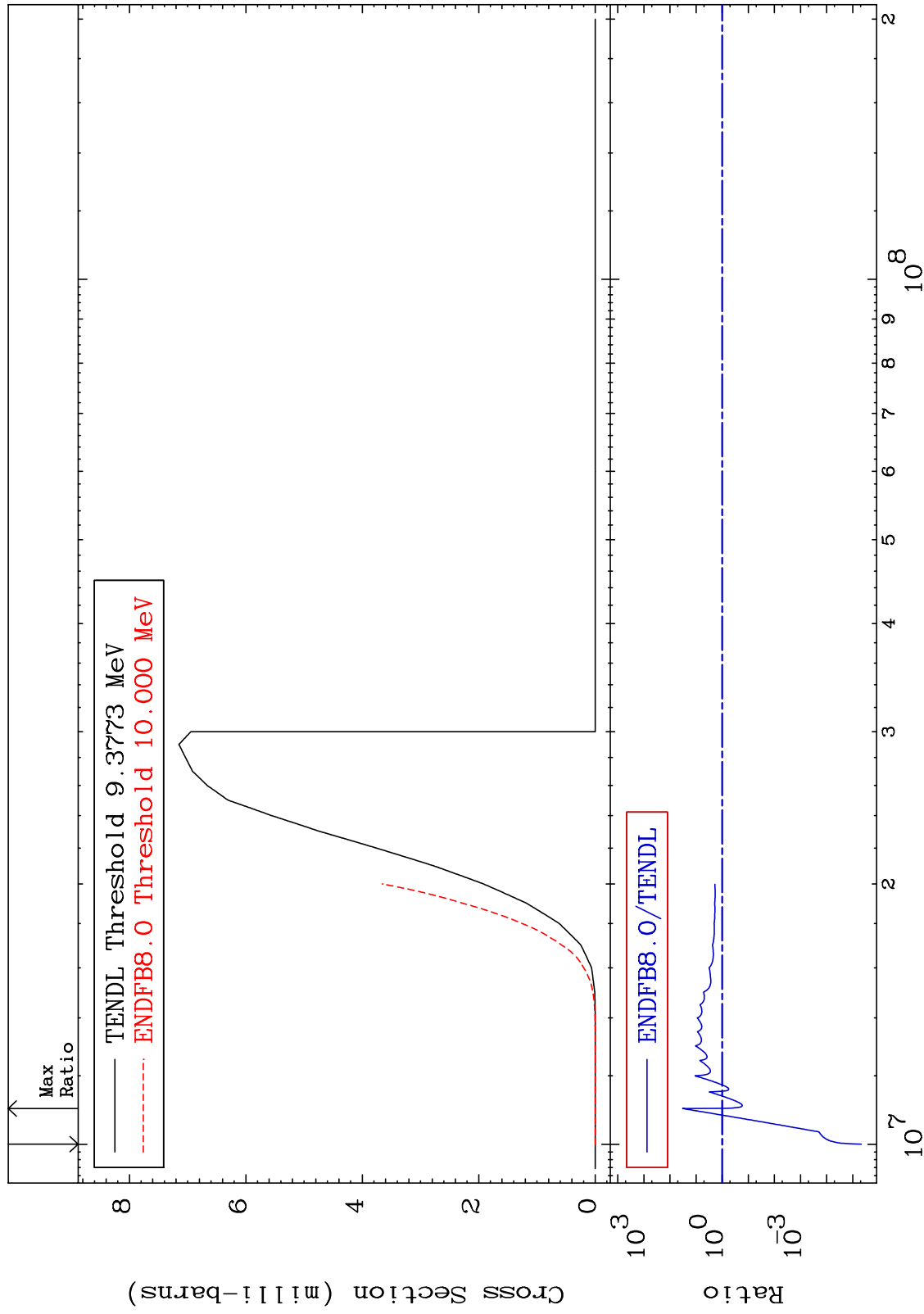
MAT 4431

(n, t)

44-Ru-98

Cross Section

-100.0 To 3159. %



26

Incident Energy (eV)

44-Ru-98

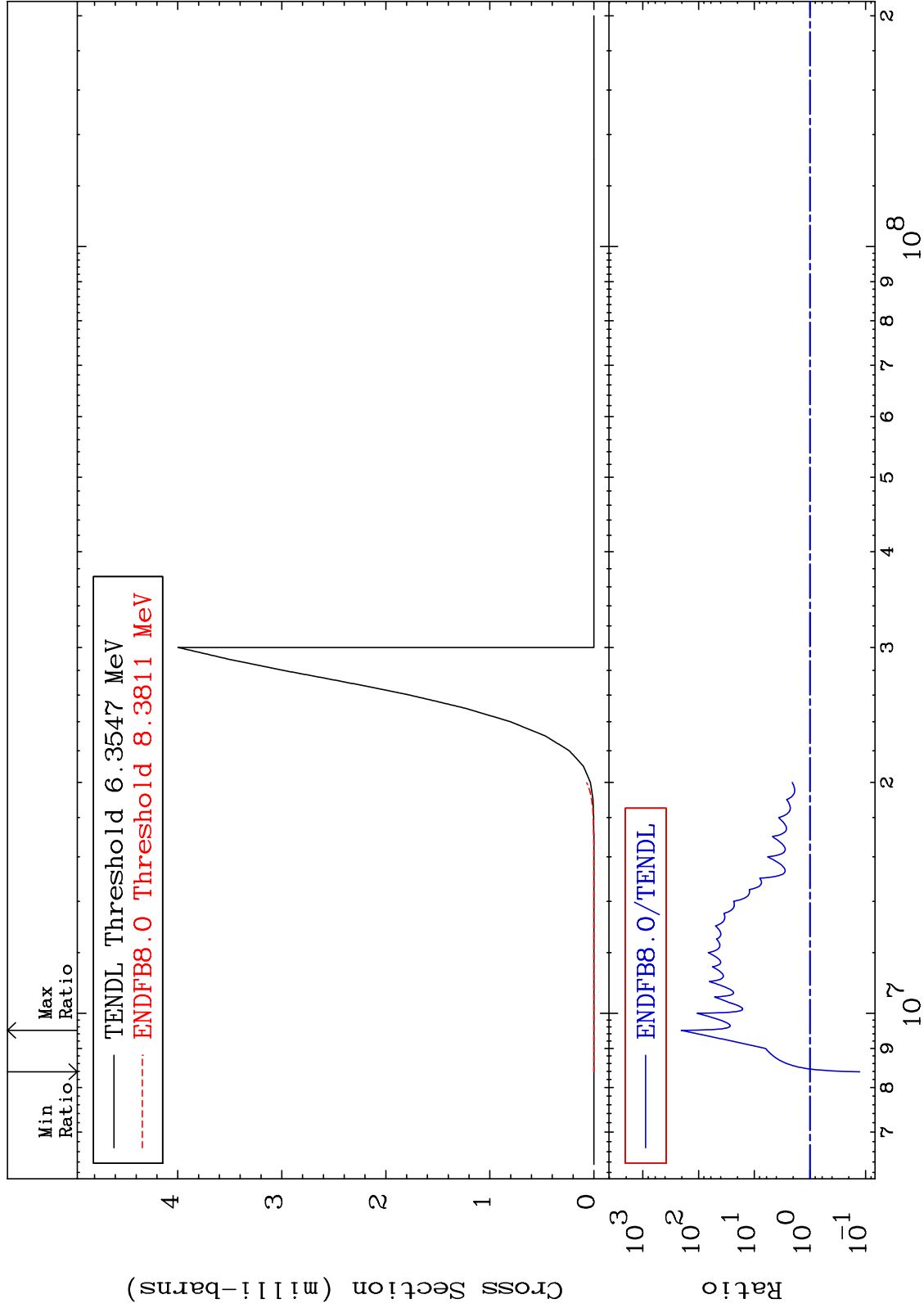
MAT 4431

(n, He-3)

44-Ru-98

Cross Section

-87.29 To 9999. %



27

44-Ru-98

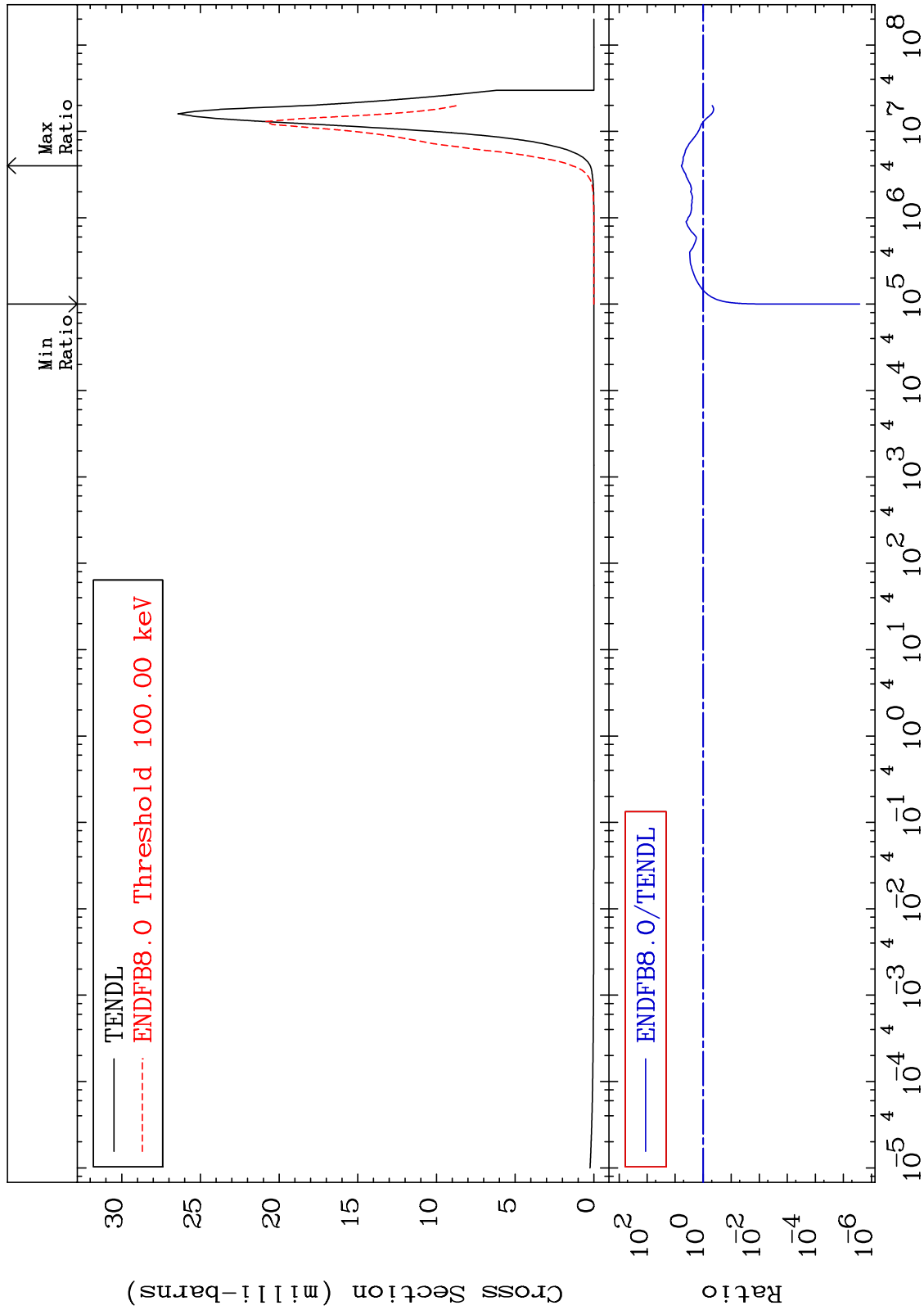
MAT 4431

(n, α)

44-Ru-98

Cross Section

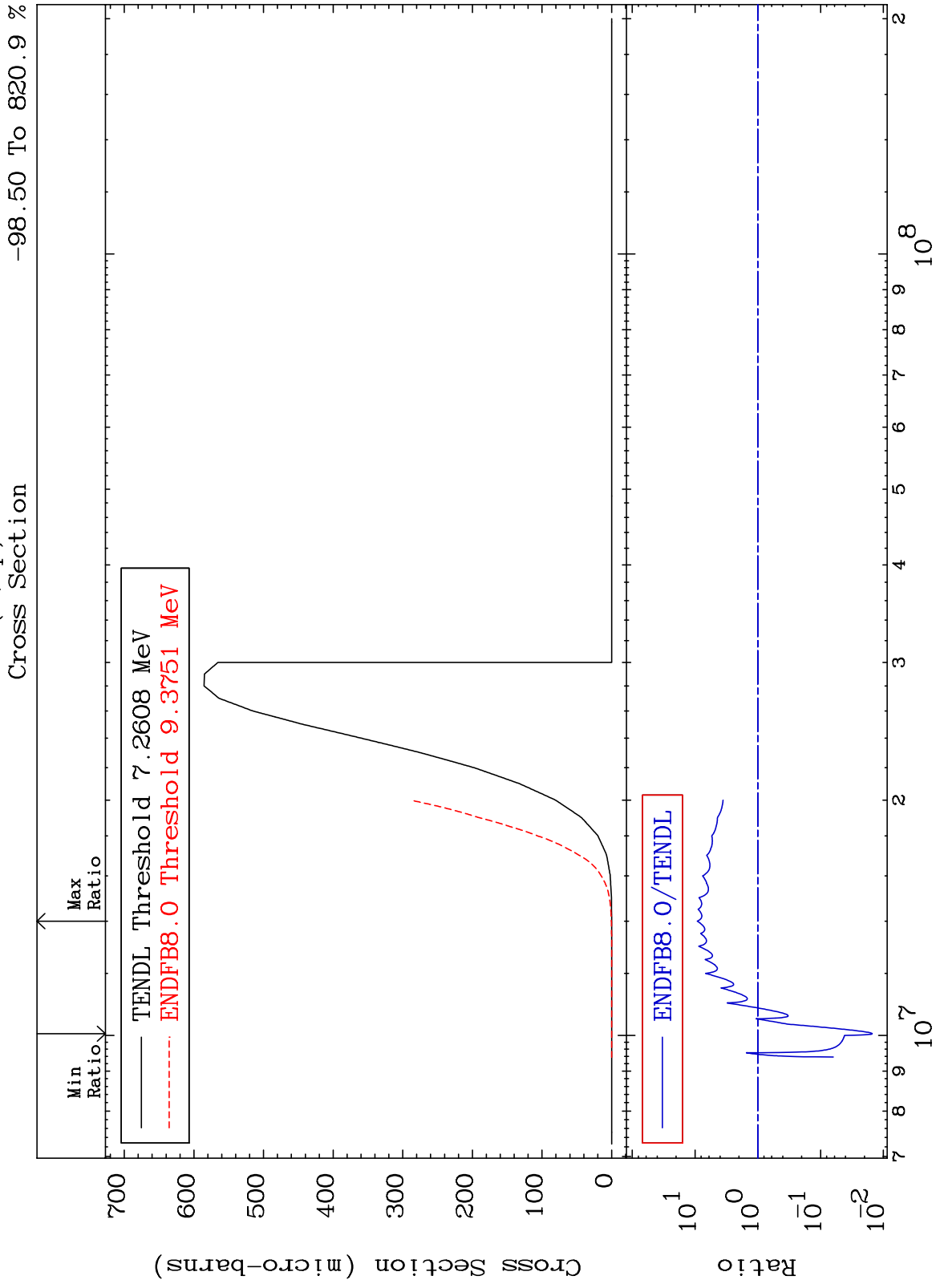
-100.0 To 507.3 %



28

Incident Energy (eV)

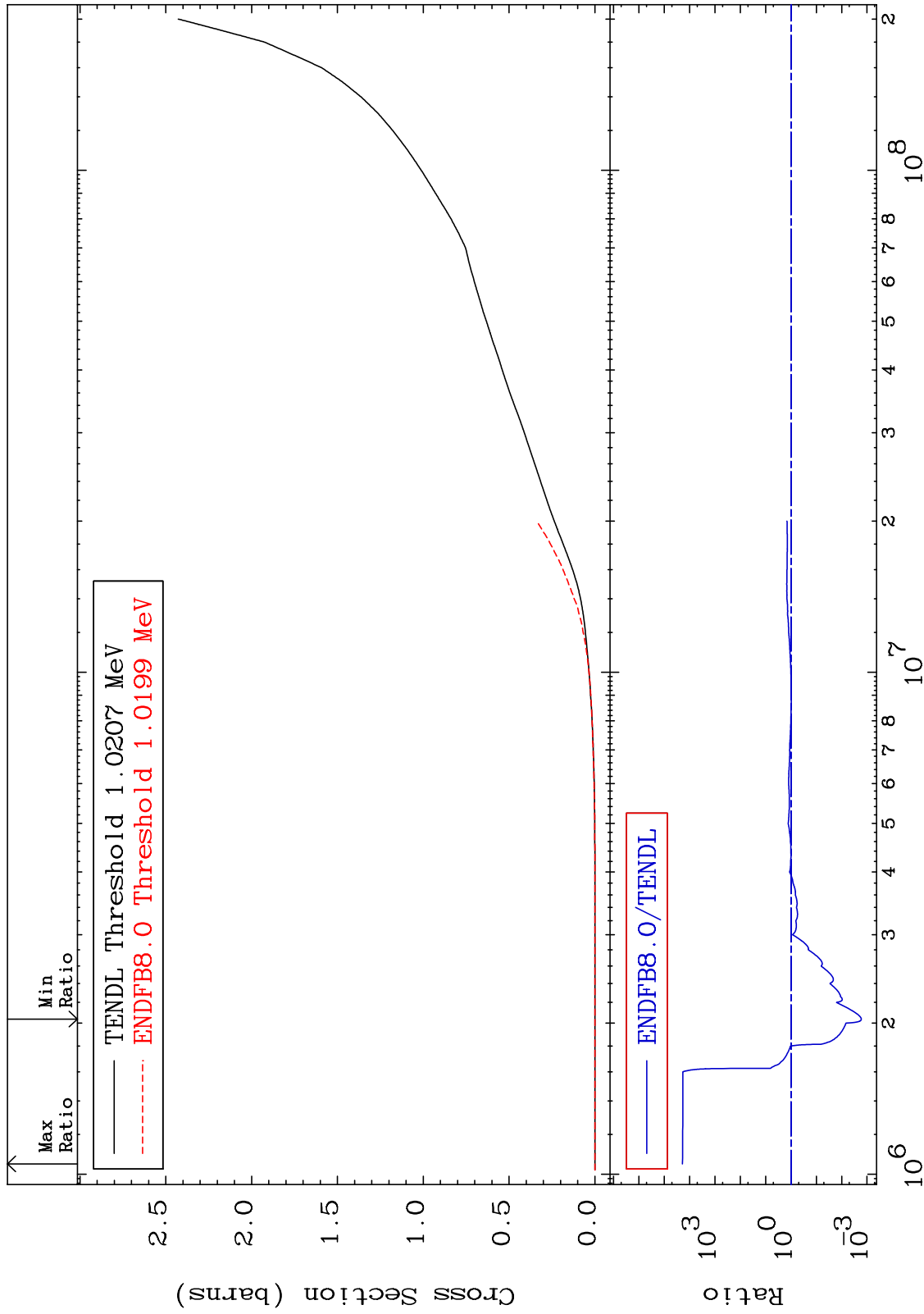
44-Ru-98



MAT 4431

Hydrogen Production
Cross Section

44-Ru-98
-99.83 To 9999. %



30

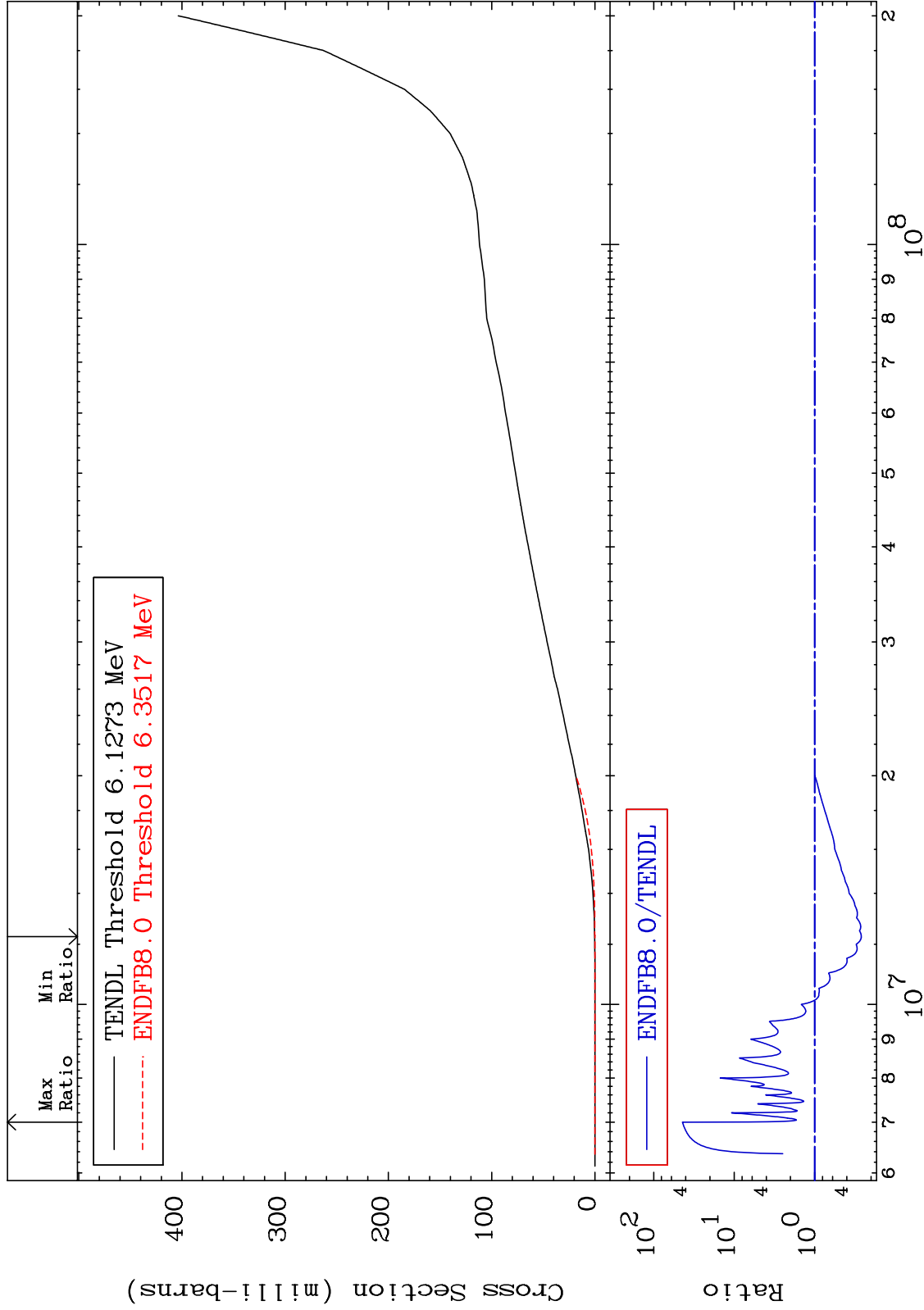
Incident Energy (eV)

44-Ru-98

MAT 4431

Deuterium Production
Cross Section

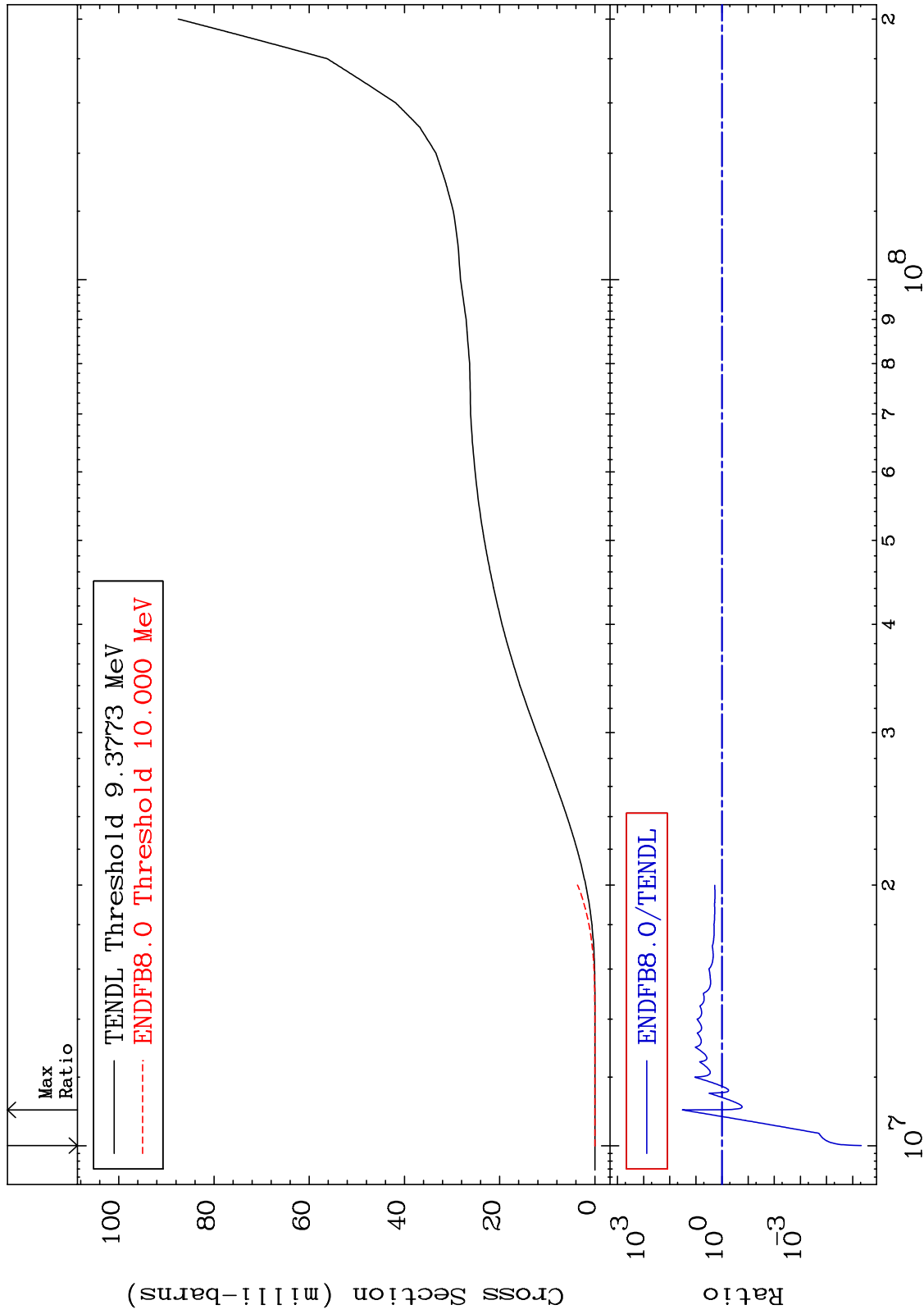
44-Ru-98
-73.56 To 4291. %



MAT 4431

Tritium Production
Cross Section

44-Ru-98
-100.0 To 3159. %



32

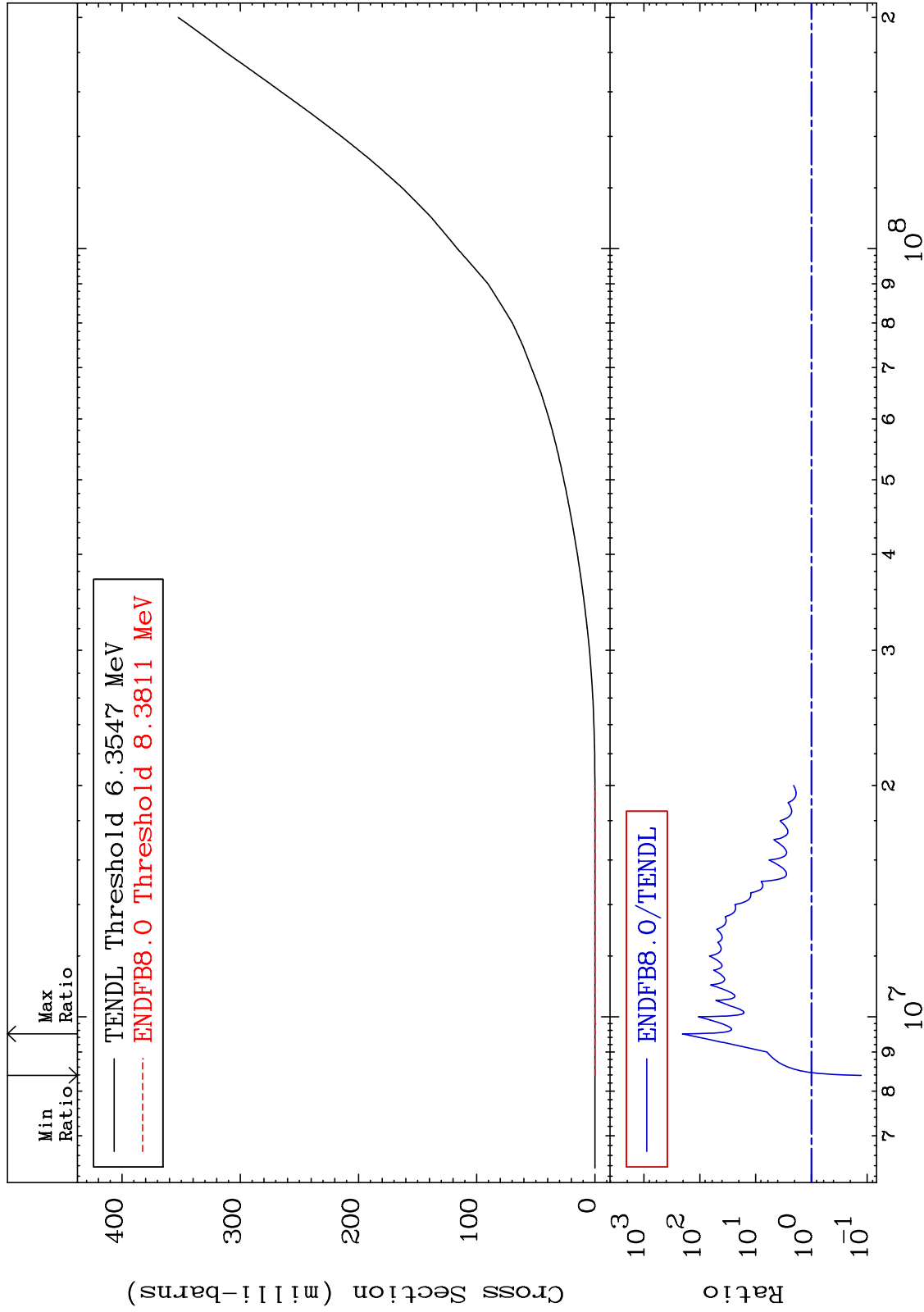
Incident Energy (eV)

44-Ru-98

MAT 4431

He-3 Production
Cross Section

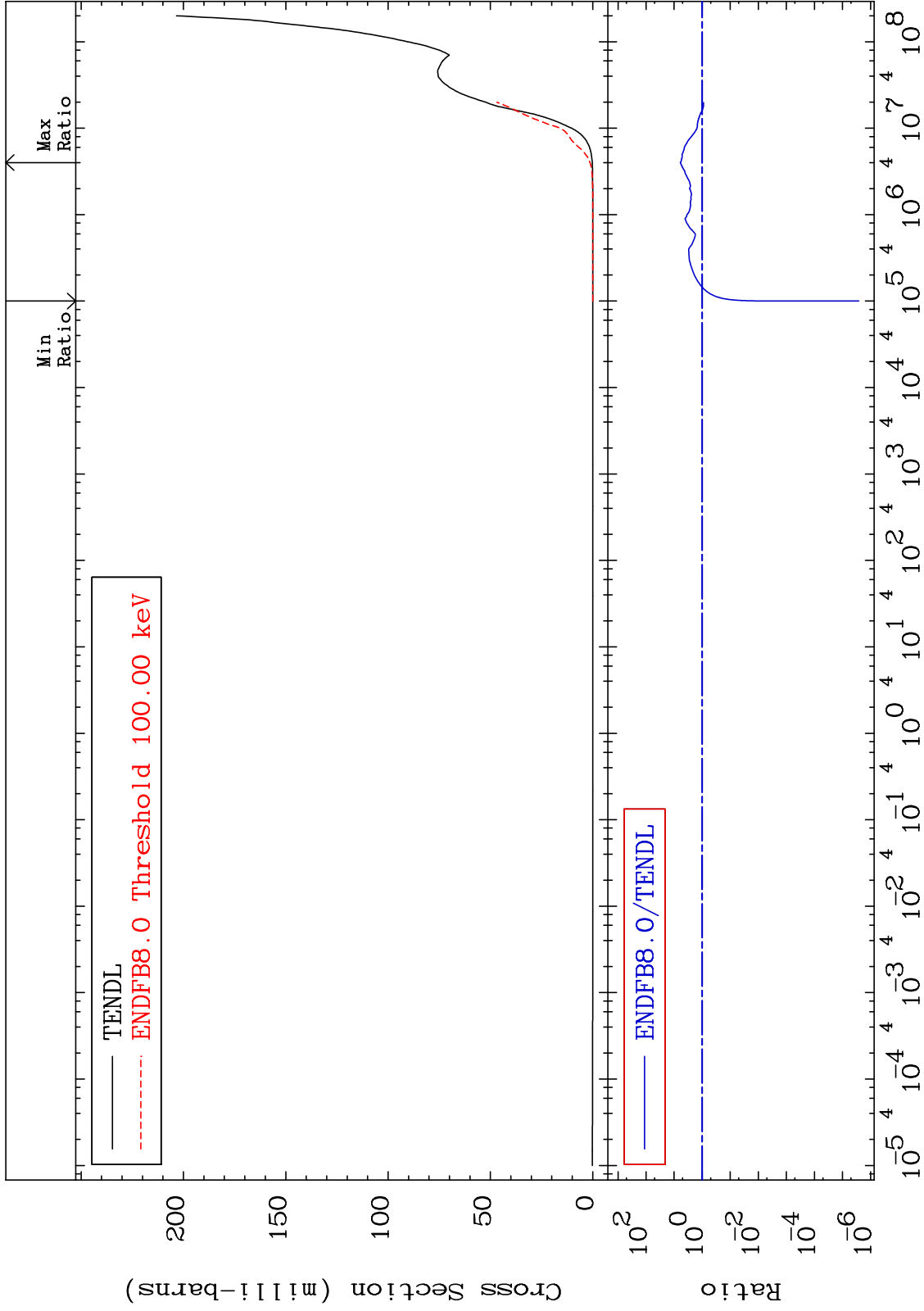
44-Ru-98
-87.29 To 9999. %



MAT 4431

He-4 Production
Cross Section

44-Ru-98
-100.0 To 507.3 %



34

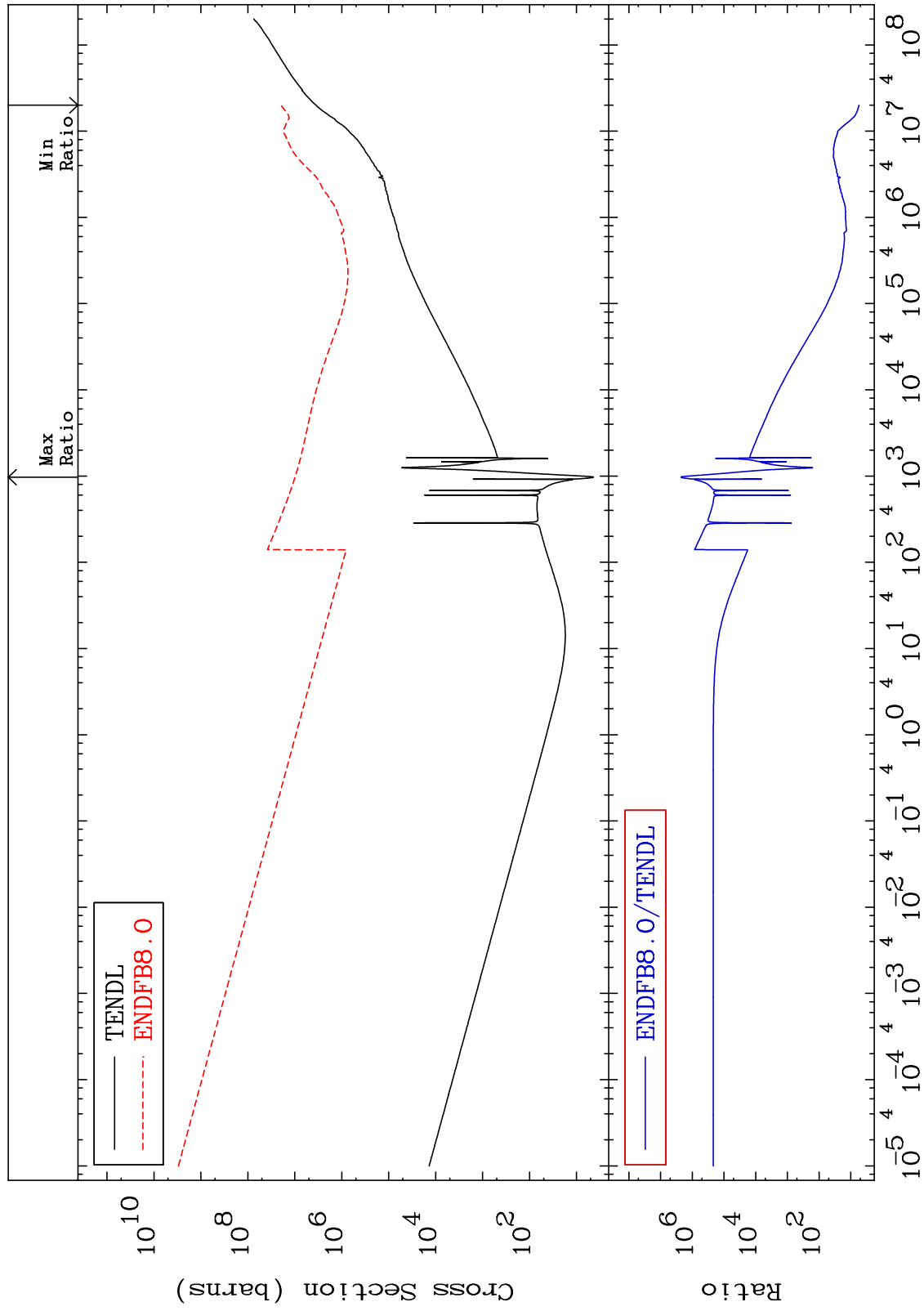
Incident Energy (eV)

44-Ru-98

MAT 4431

Kerma total (eV-barns)
Cross Section

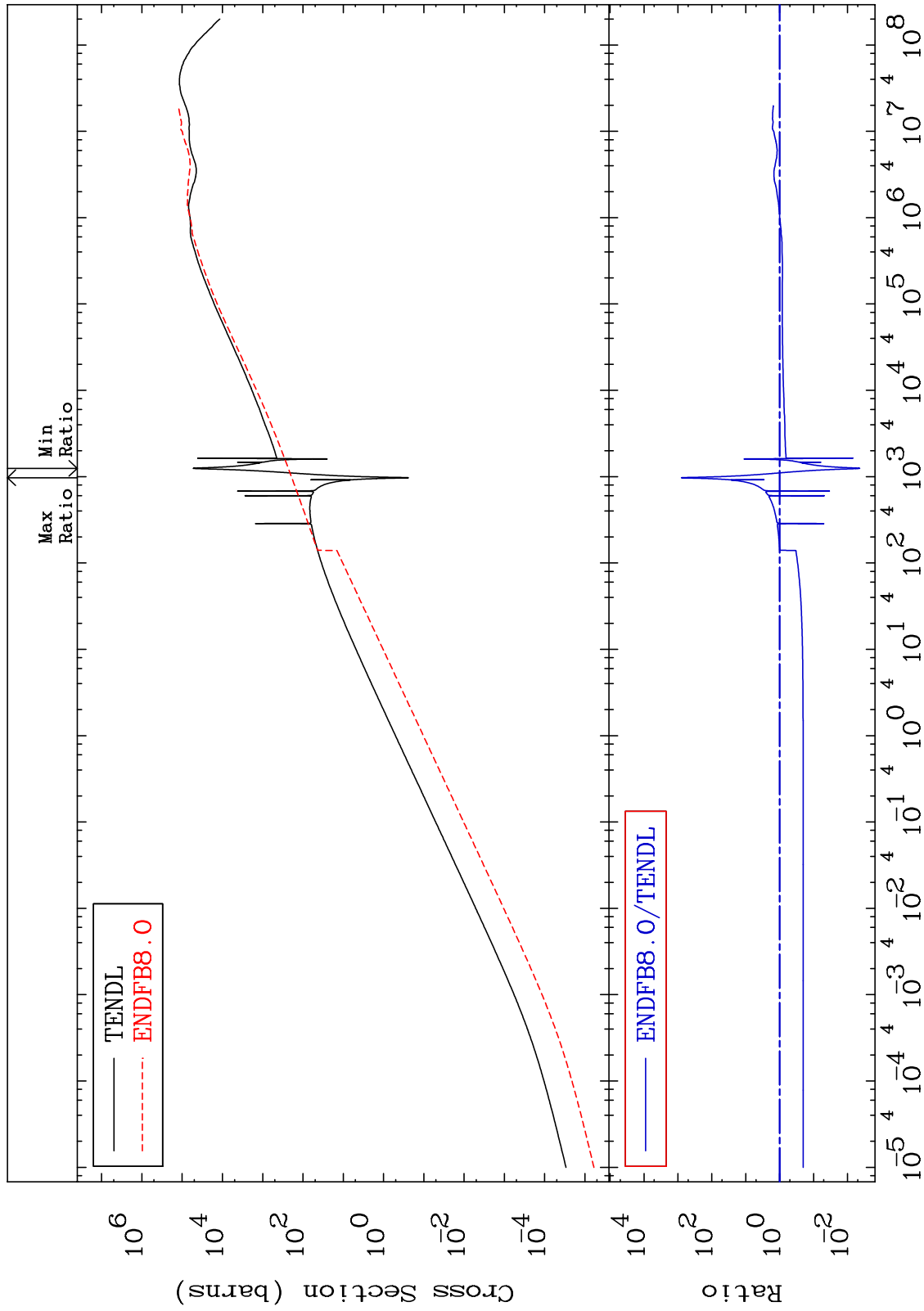
44-Ru-98
449.6 To 9999. %



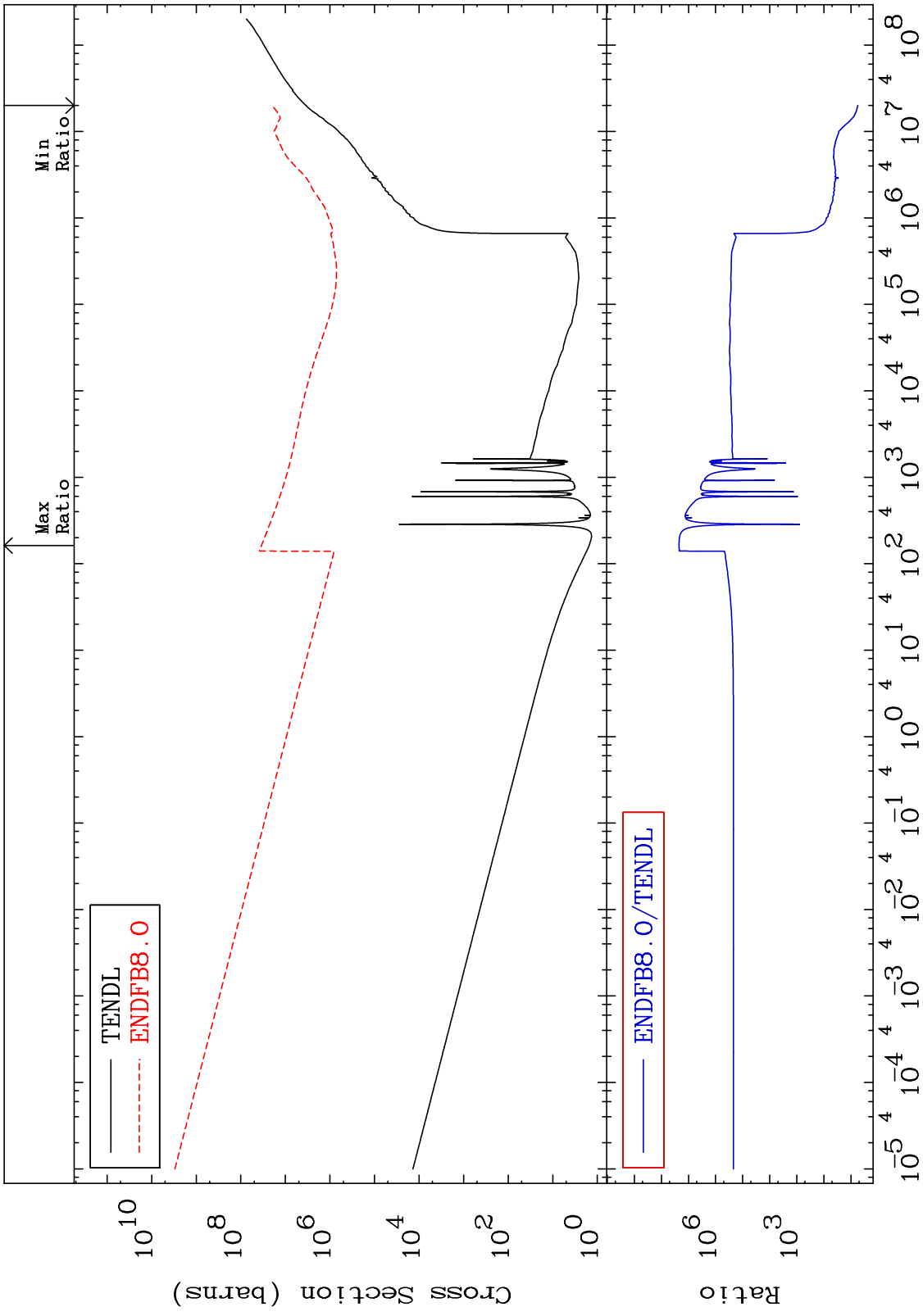
MAT 4431

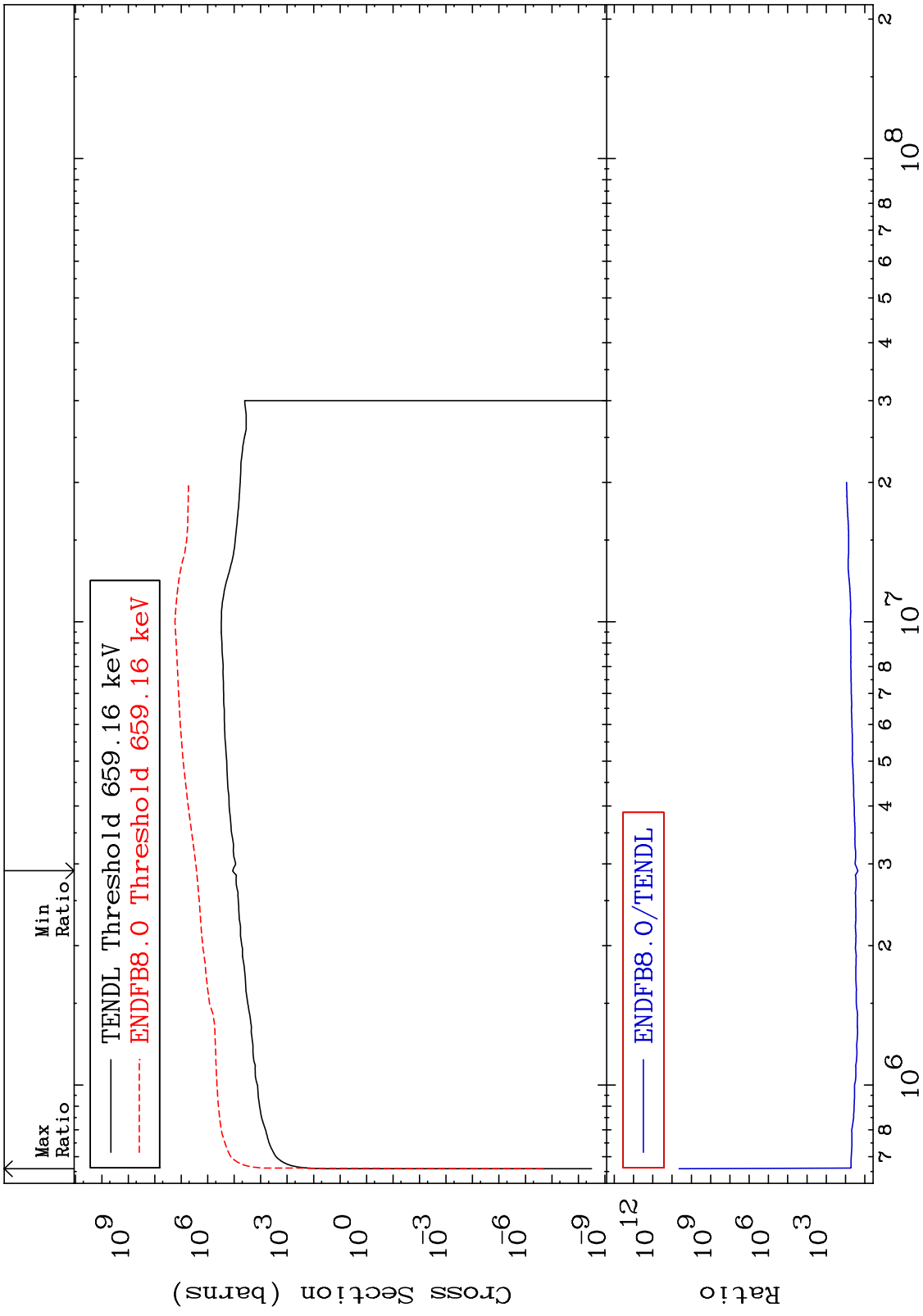
Kerma elastic
Cross Section

44-Ru-98
-99.57 To 9999. %



MAT 4431 Kerma non-elastic (all but mt2) Cross Section 44-Ru-98
 459.2 To 9999. %

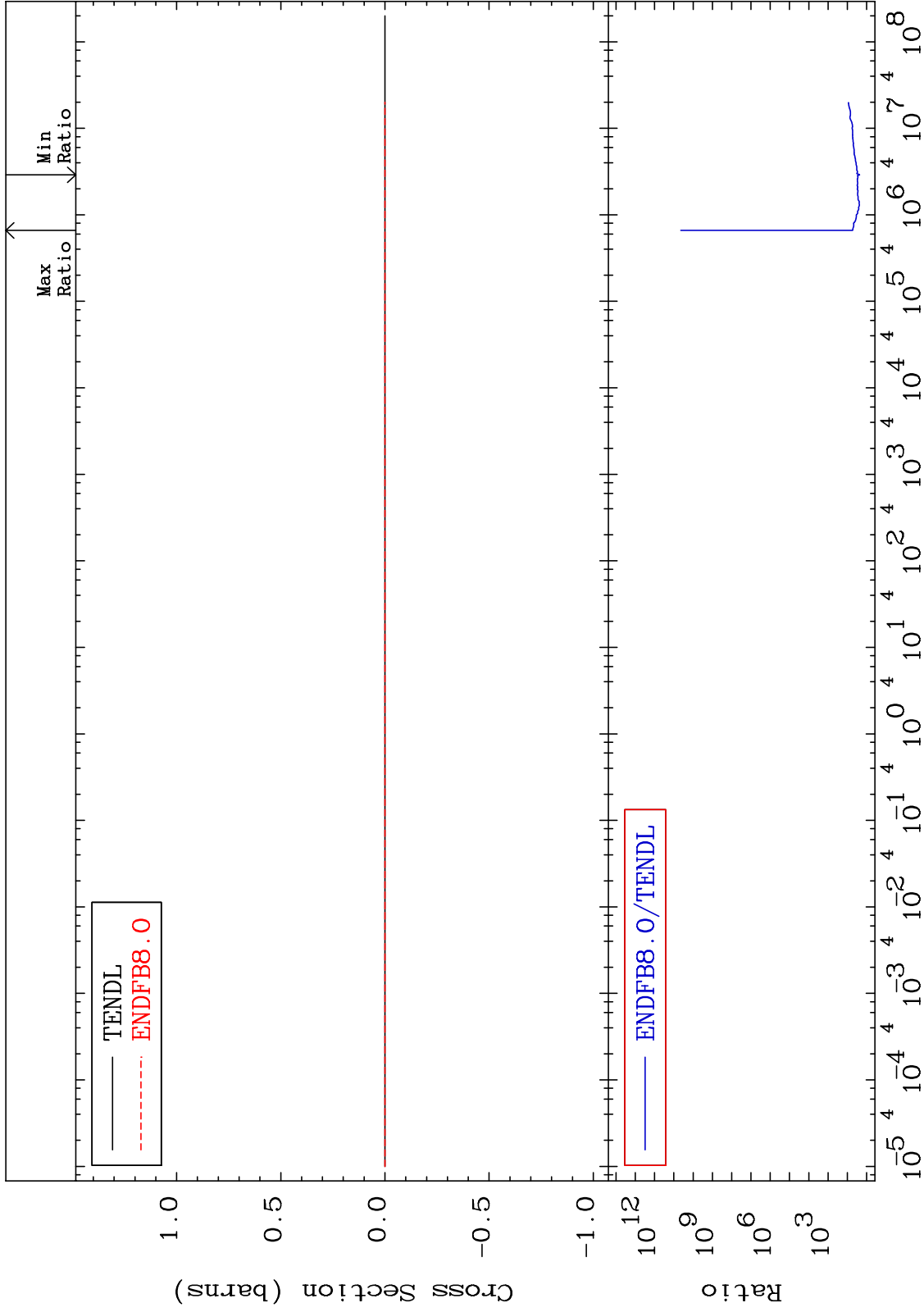




MAT 4431

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

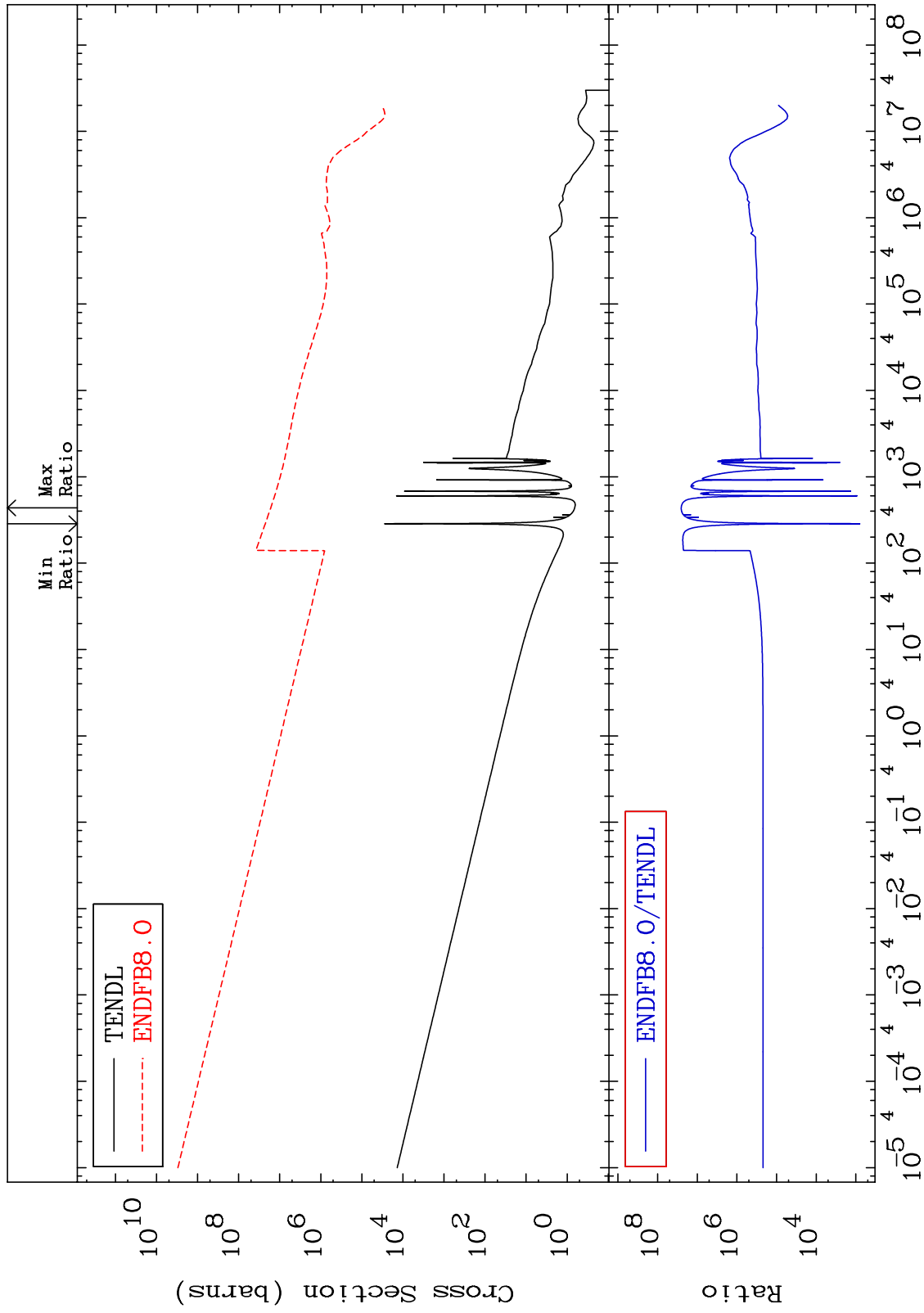
44-Ru-98
2204. To 9999. %



MAT 4431

Kerma capture (mt102)
Cross Section

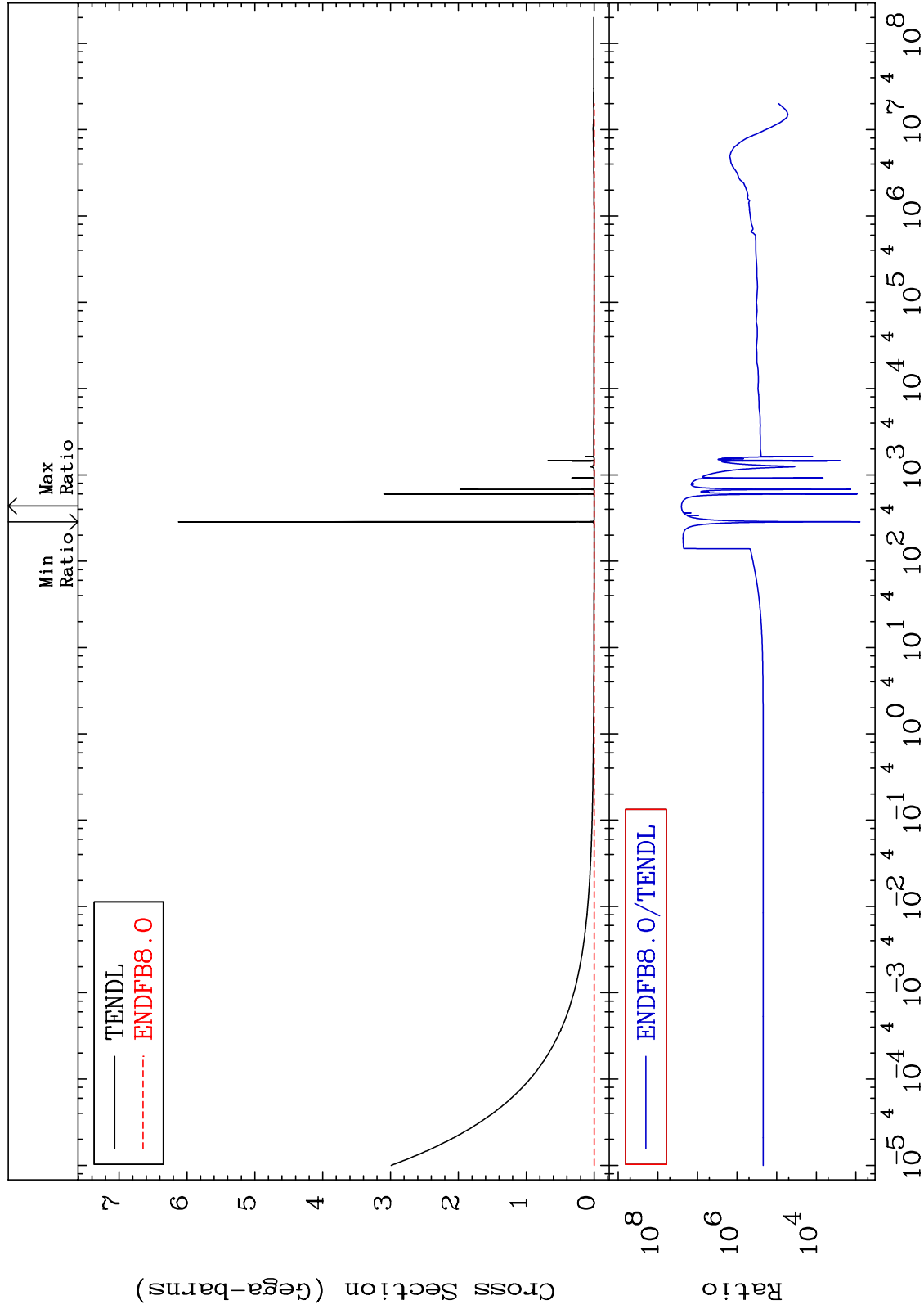
44-Ru-98
9999. To 9999. %



MAT 4431

Total photon (eV-barns)
Cross Section

44-Ru-98
9999. To 9999. %

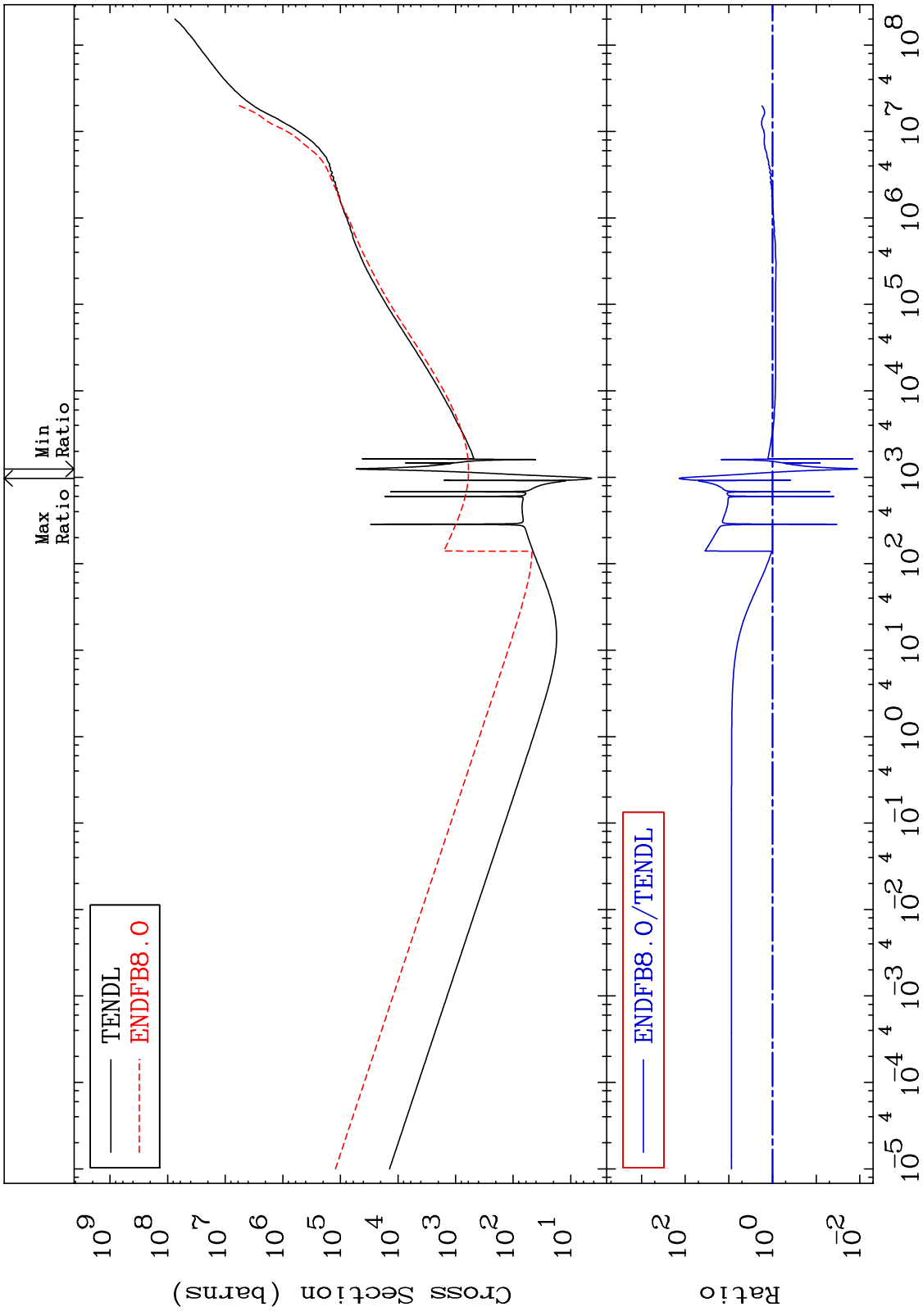


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Incident Energy (eV)

44-Ru-98

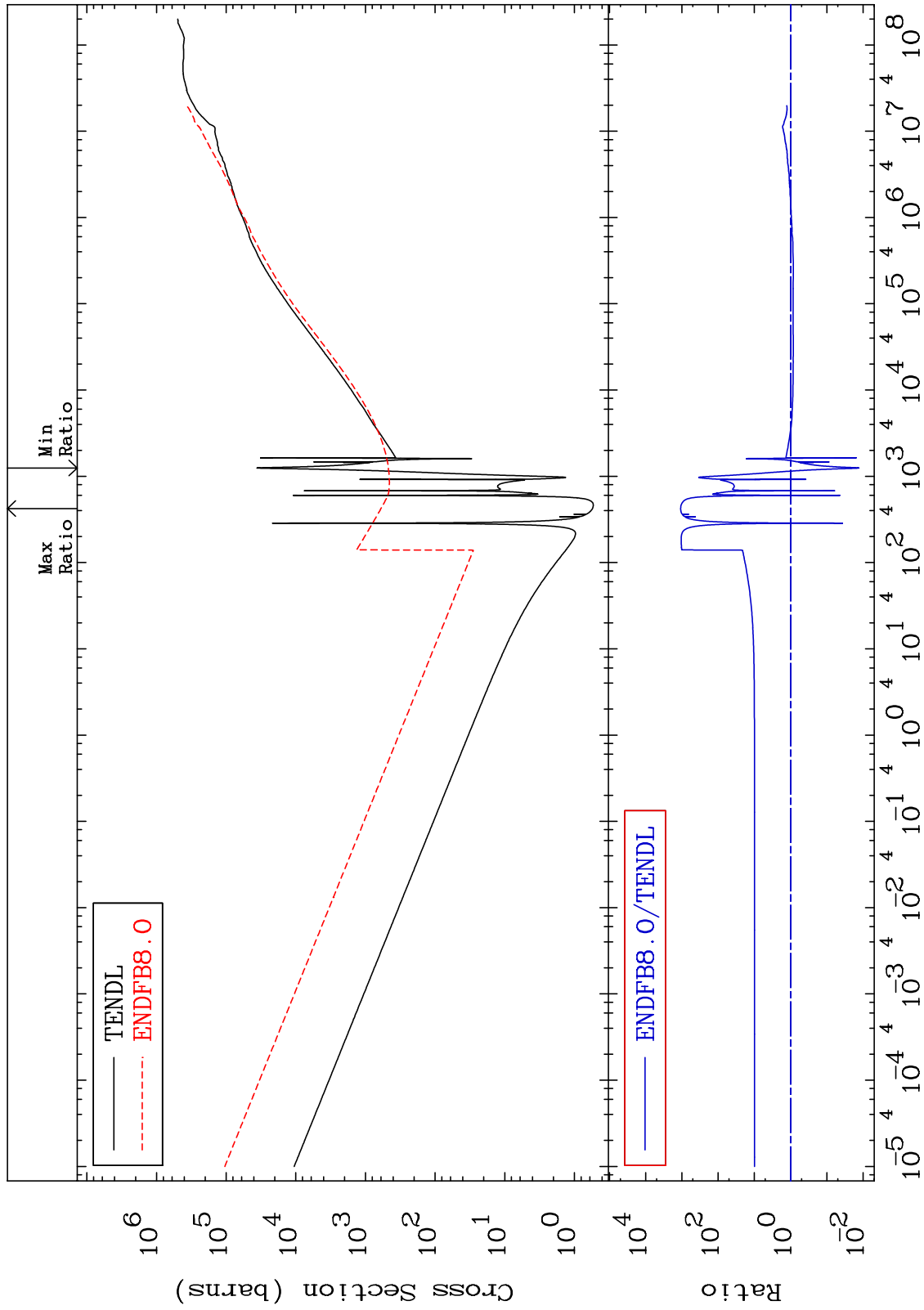
MAT 4431 Total kinematic kerma (high limit) 44-Ru-98
 Cross Section -98.89 To 9999. %



MAT 4431

Dpa total (eV-barns)
Cross Section

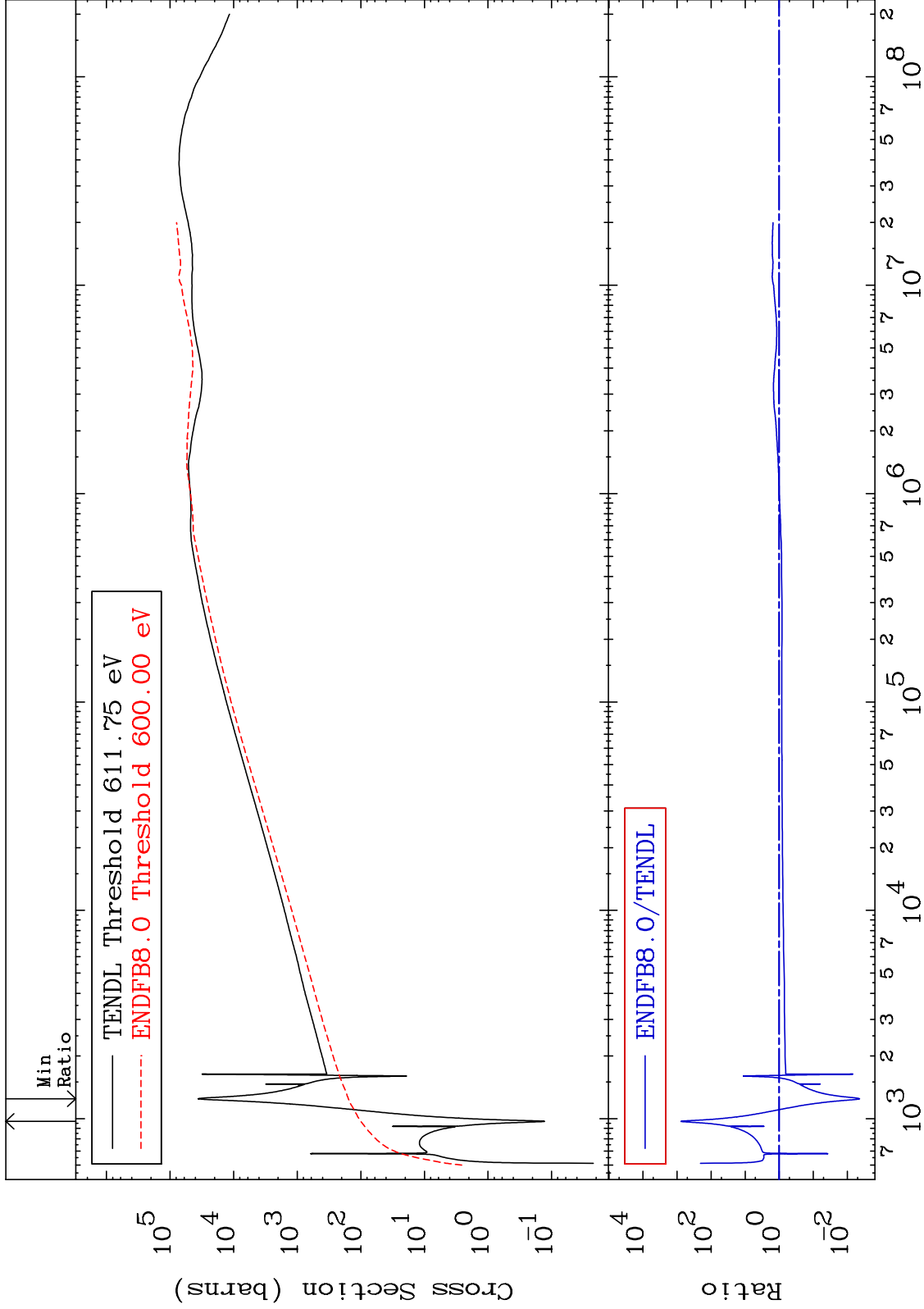
44-Ru-98
-98.71 To 9999. %



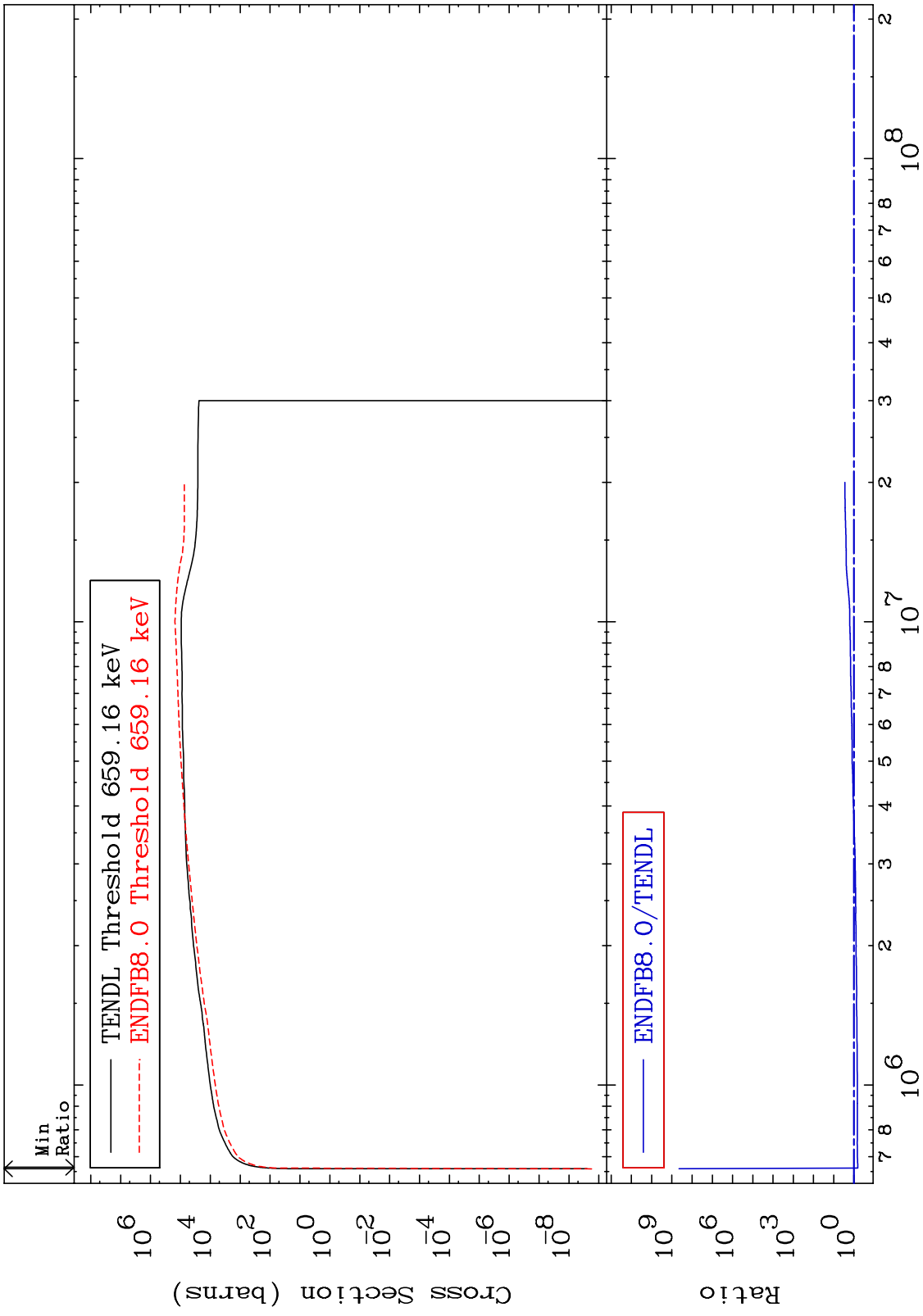
MAT 4431

Dpa elastic (mt2)
Cross Section

44-Ru-98
-99.57 To 9999. %



MAT 4431 Dpa inelastic (mt51-91) 44-Ru-98
 Cross Section -35.70 To 9999. %



MAT 4431

Dpa disappearance (mt102 -120)
Cross Section

44-Ru-98
-96.34 To 9999. %

