

Program Complot
(Version 2021-1)

by

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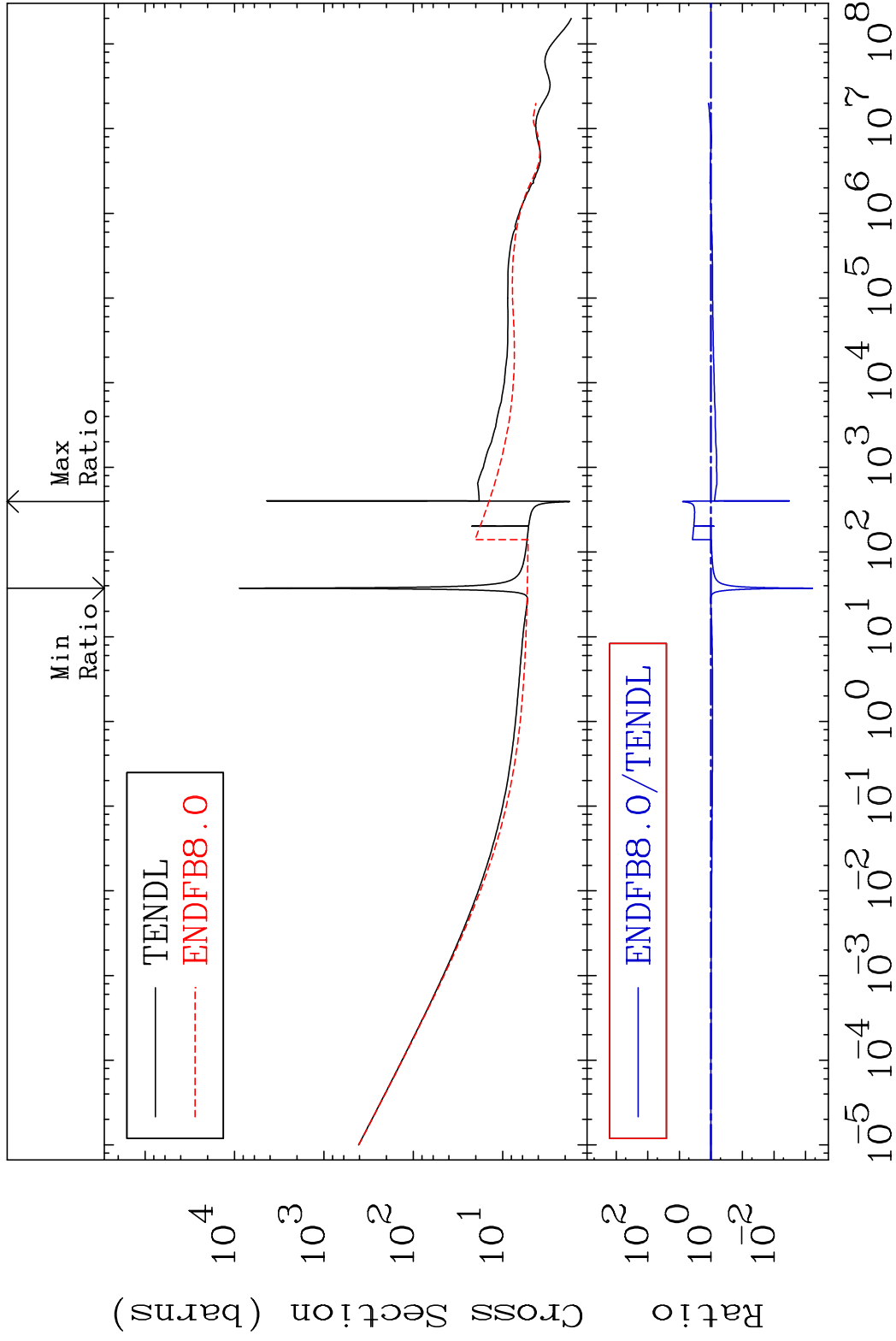
Press Mouse Button to Start

MAT 4431

Total

44-Ru-98

Cross Section -99.94 To 702.2 %



1

Incident Energy (eV)

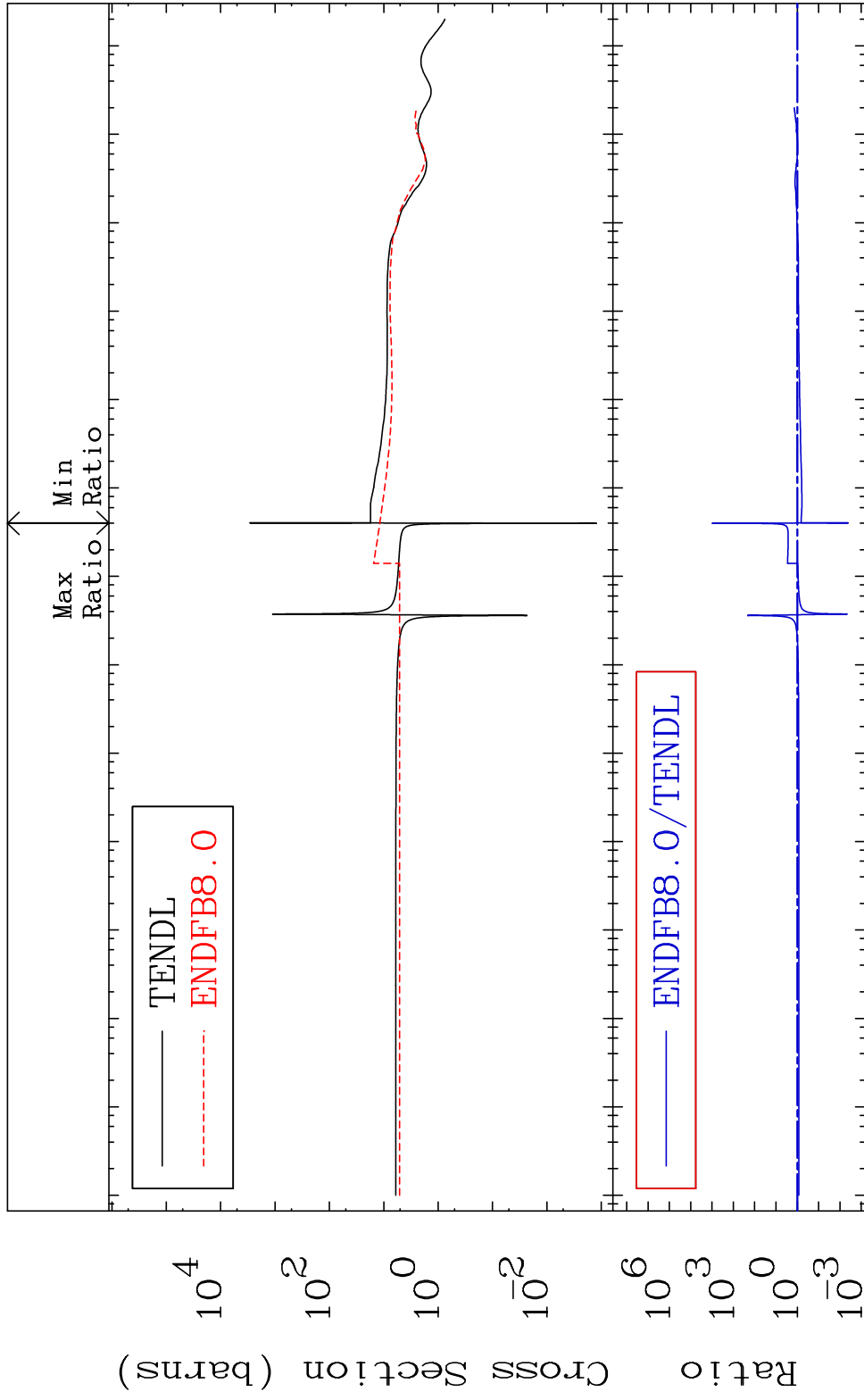
44-Ru-98

MAT 4431

Elastic

44-Ru-98

Cross Section -99.59 To 9999. %



2

Incident Energy (eV)

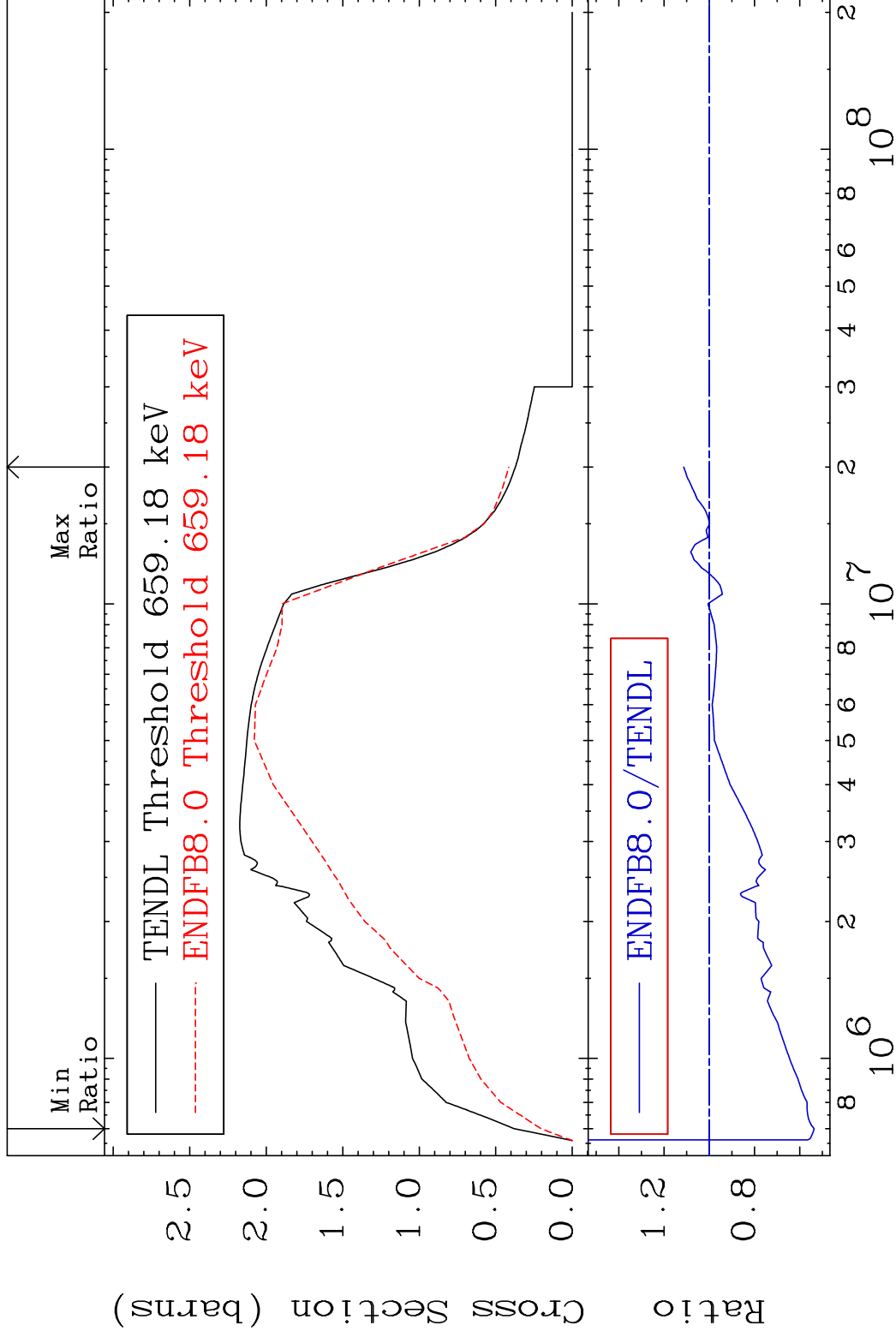
44-Ru-98

MAT 4431

Inelastic

44-Ru-98

Cross Section -46.38 To 11.32 %



3

Incident Energy (eV)

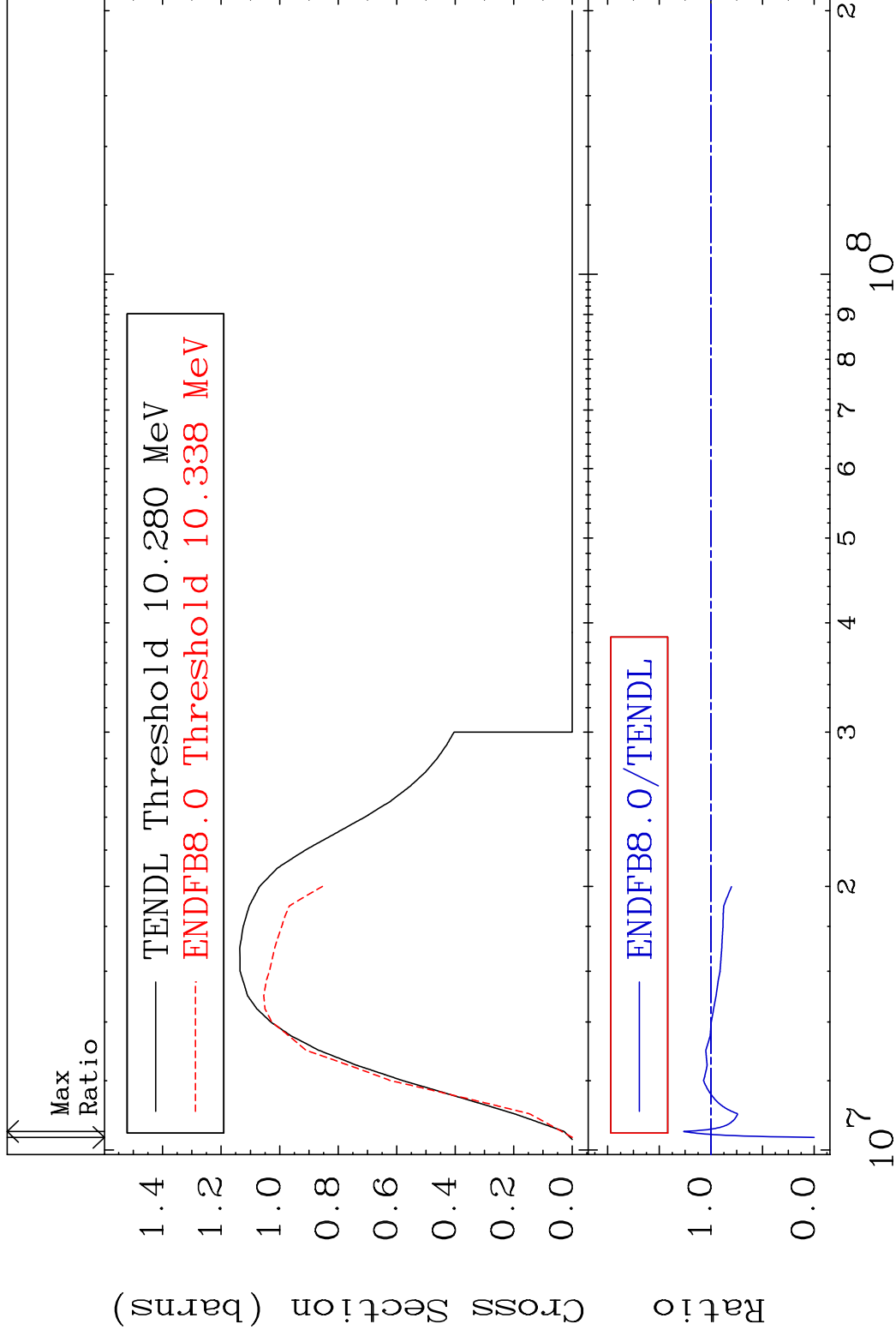
44-Ru-98

MAT 4431

(n,2n)

44-Ru-98

Cross Section -100.0 To 26.41 %



4

Incident Energy (eV)

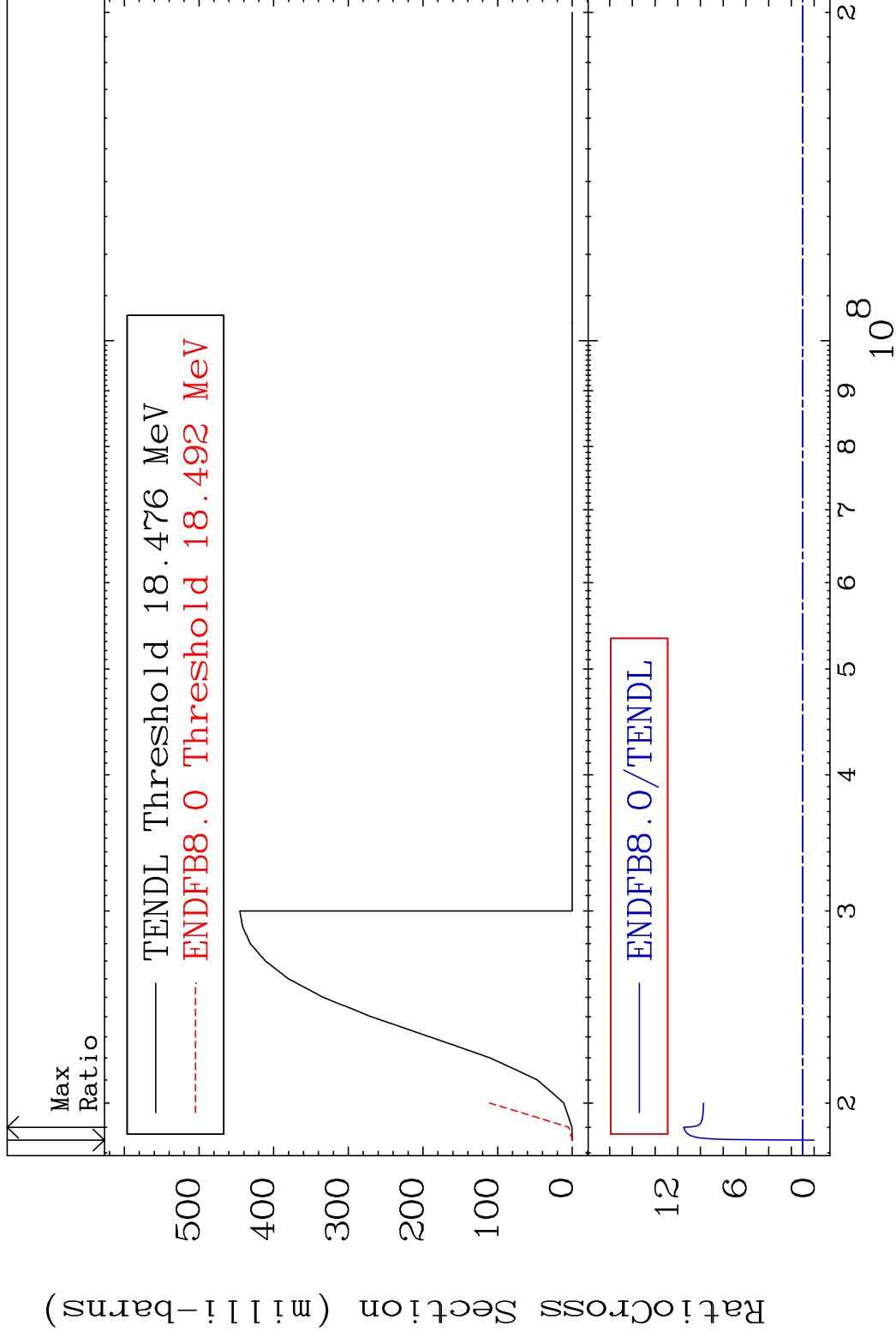
44-Ru-98

MAT 4431

(n,3n)

44-Ru-98

Cross Section -100.0 To 1048. %



5

Incident Energy (eV)

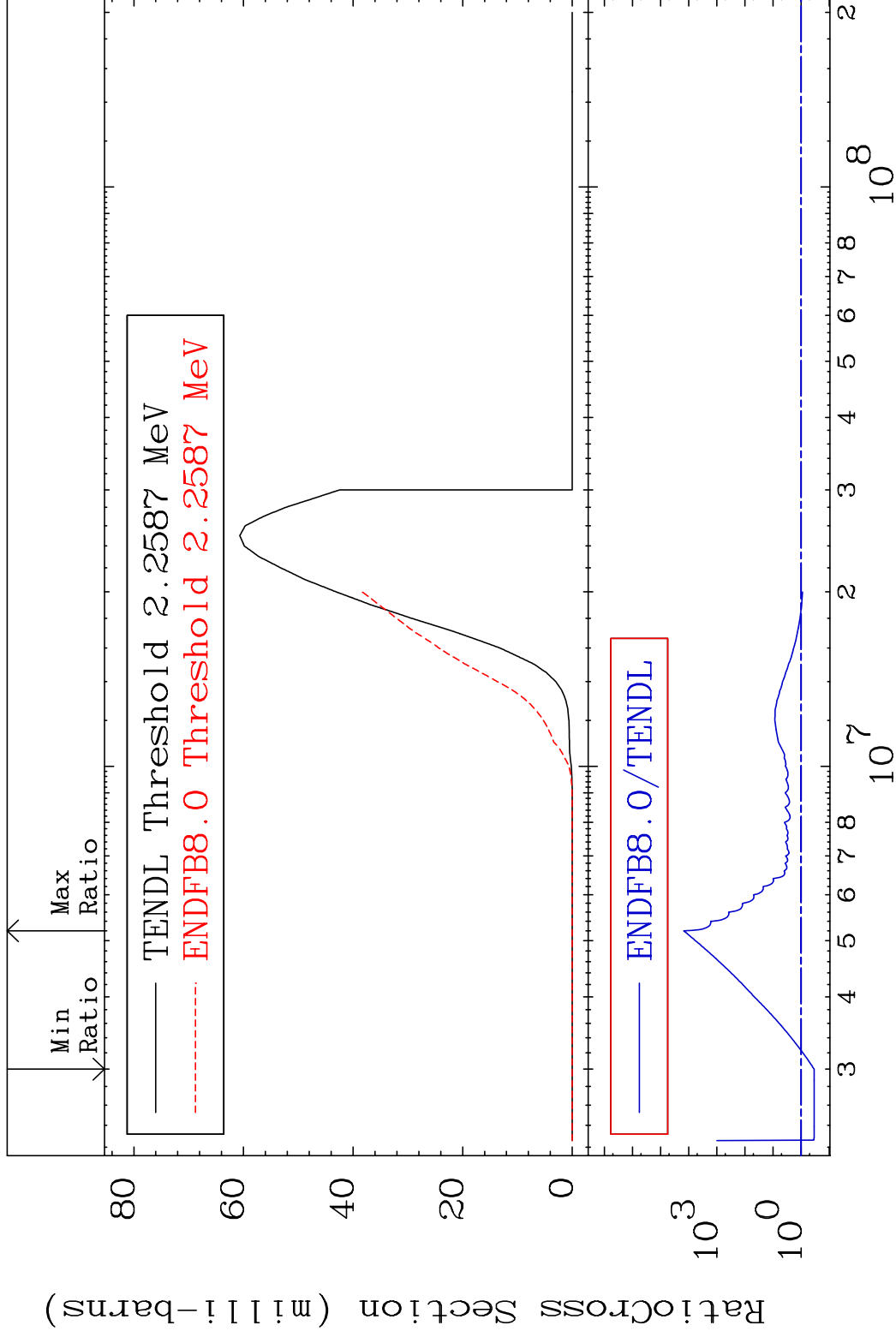
44-Ru-98

MAT 4431

(n, n') α

44-Ru-98

Cross Section -65.60 To 9999. %



6

Incident Energy (eV)

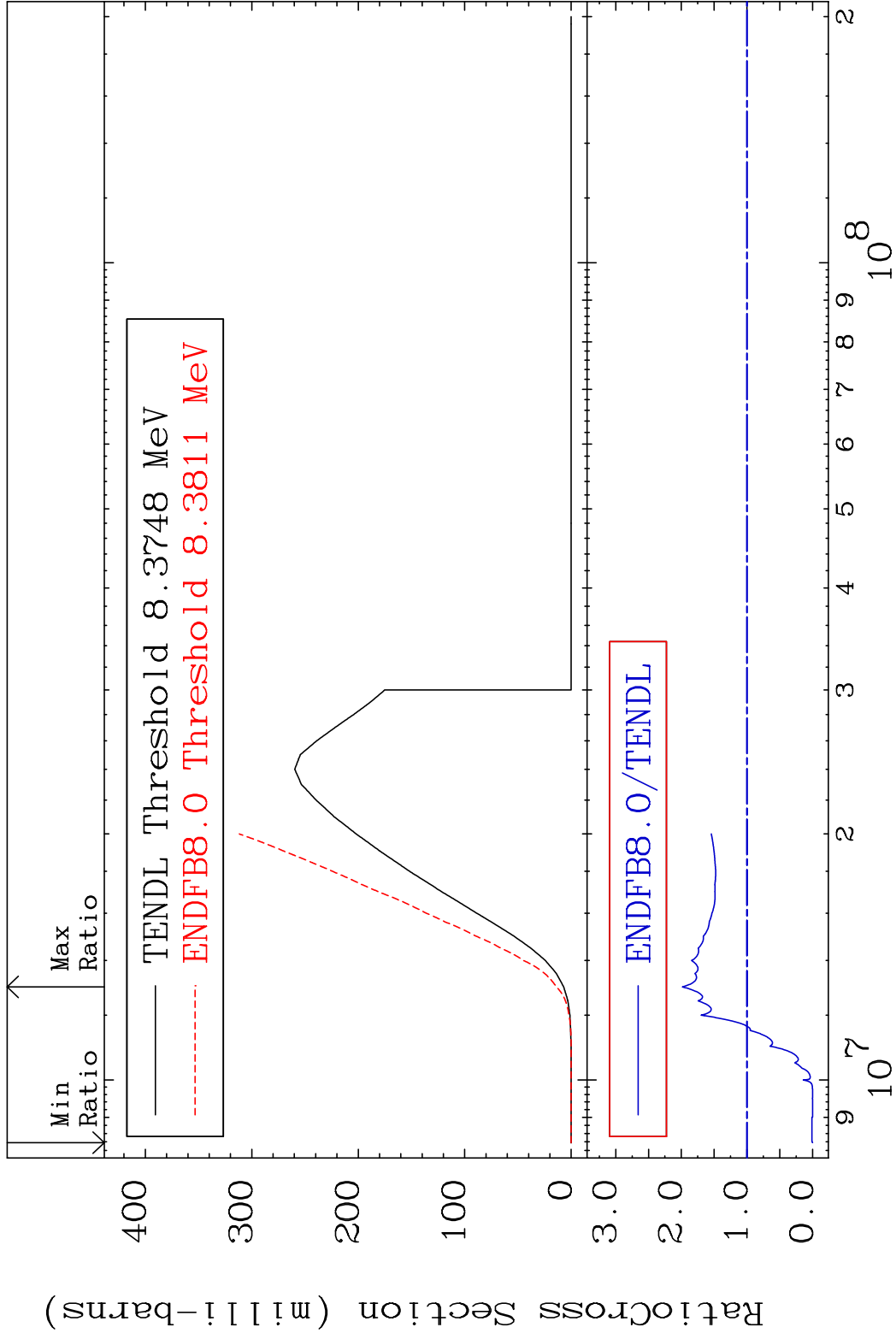
44-Ru-98

MAT 4431

(n, n') p

44-Ru-98

Cross Section -100.0 To 98.46 %



7

Incident Energy (eV)

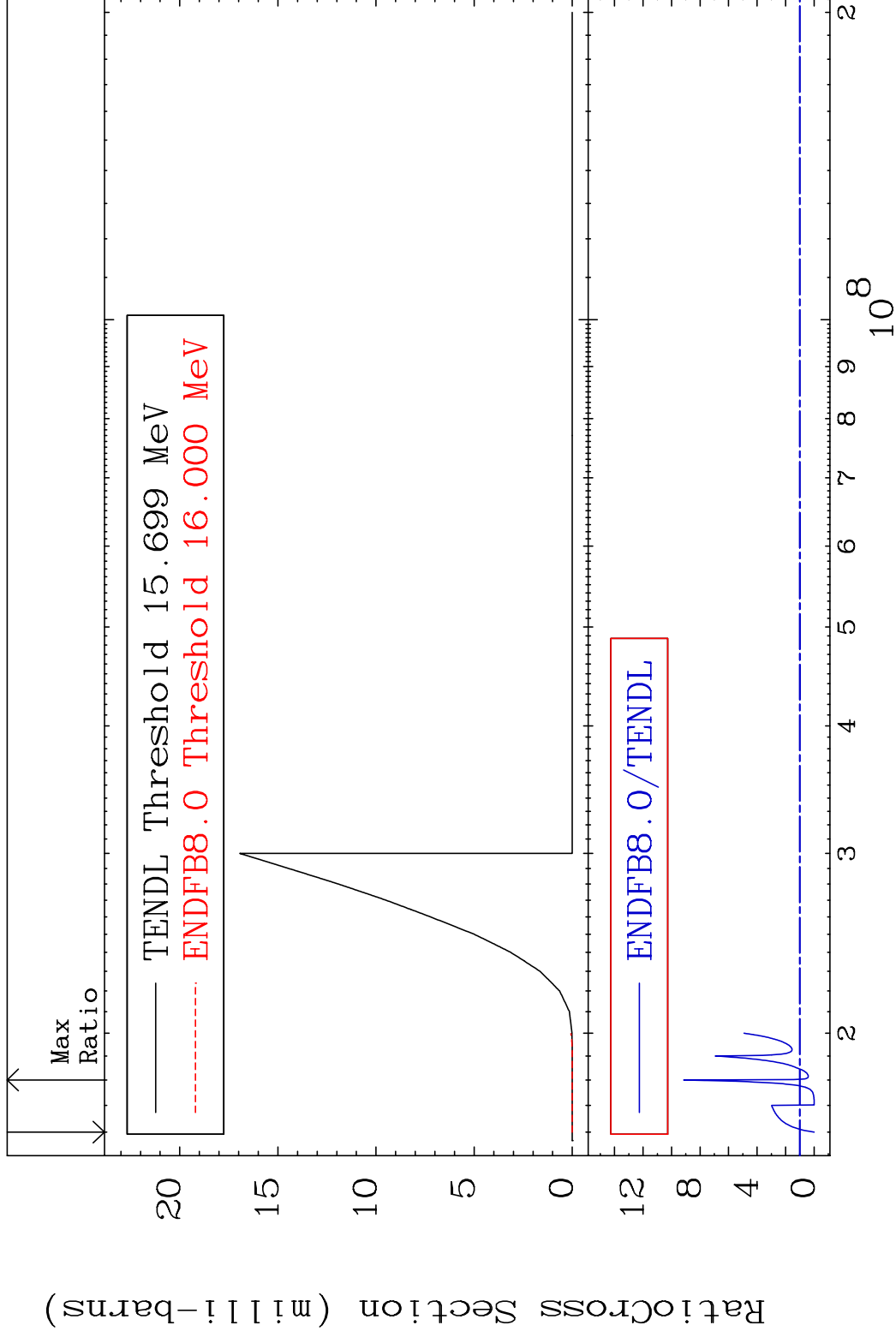
44-Ru-98

MAT 4431

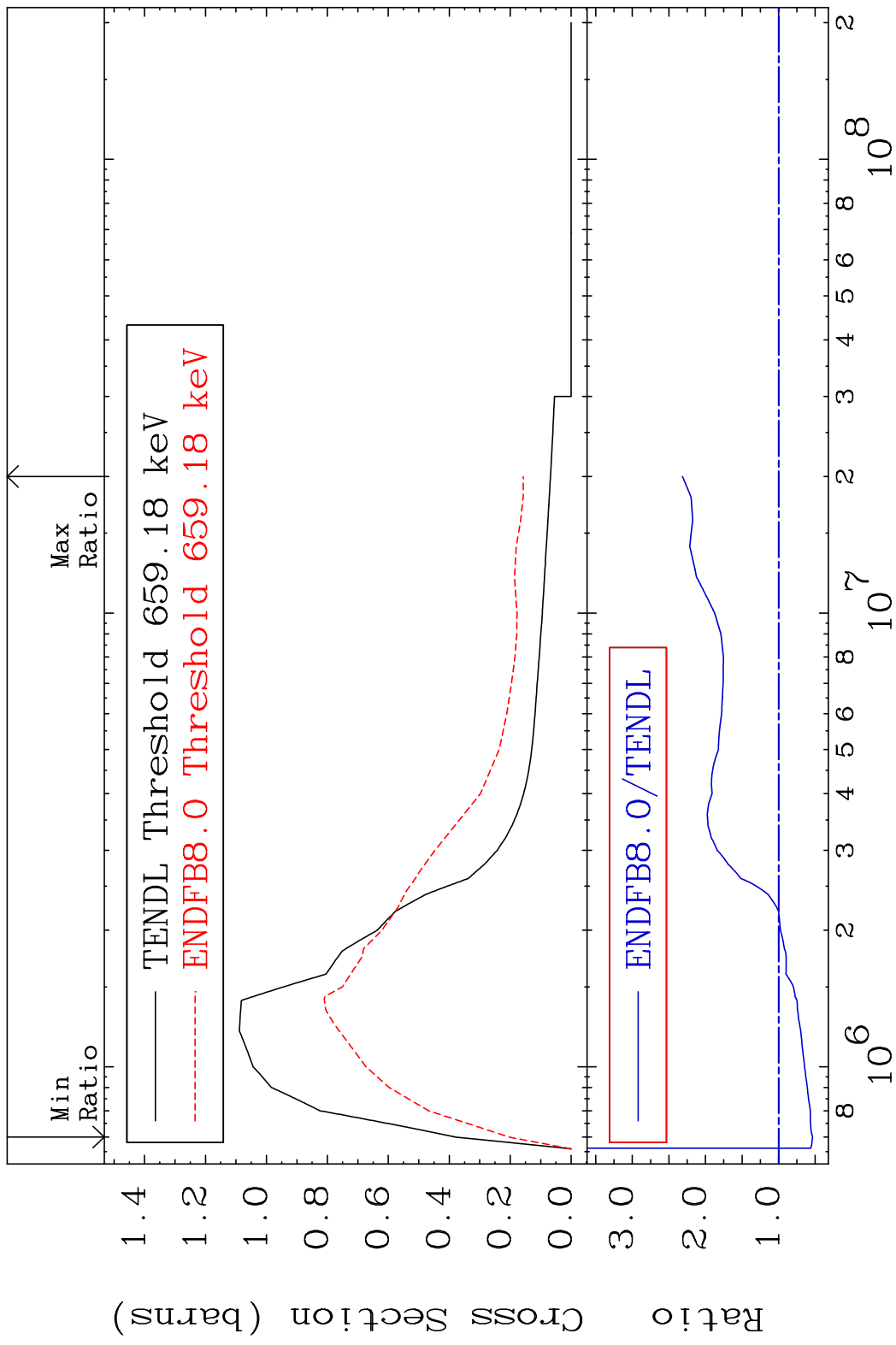
(n, n') d

44-Ru-98

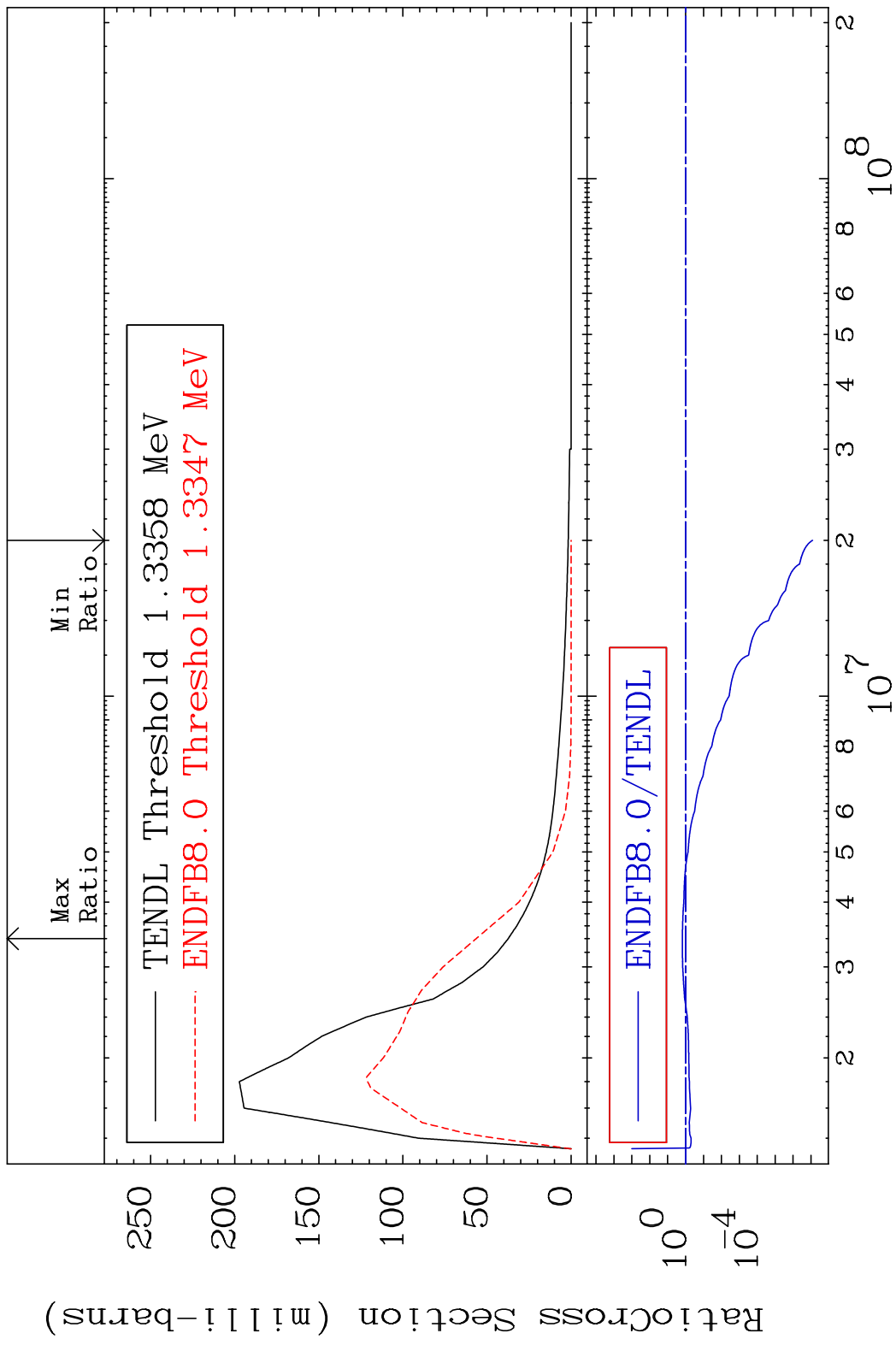
Cross Section -100.0 To 815.1 %



MAT 4431 MT= 51 (n, n') Level 44-Ru-98
 Cross Section -46.38 To 131.6 %

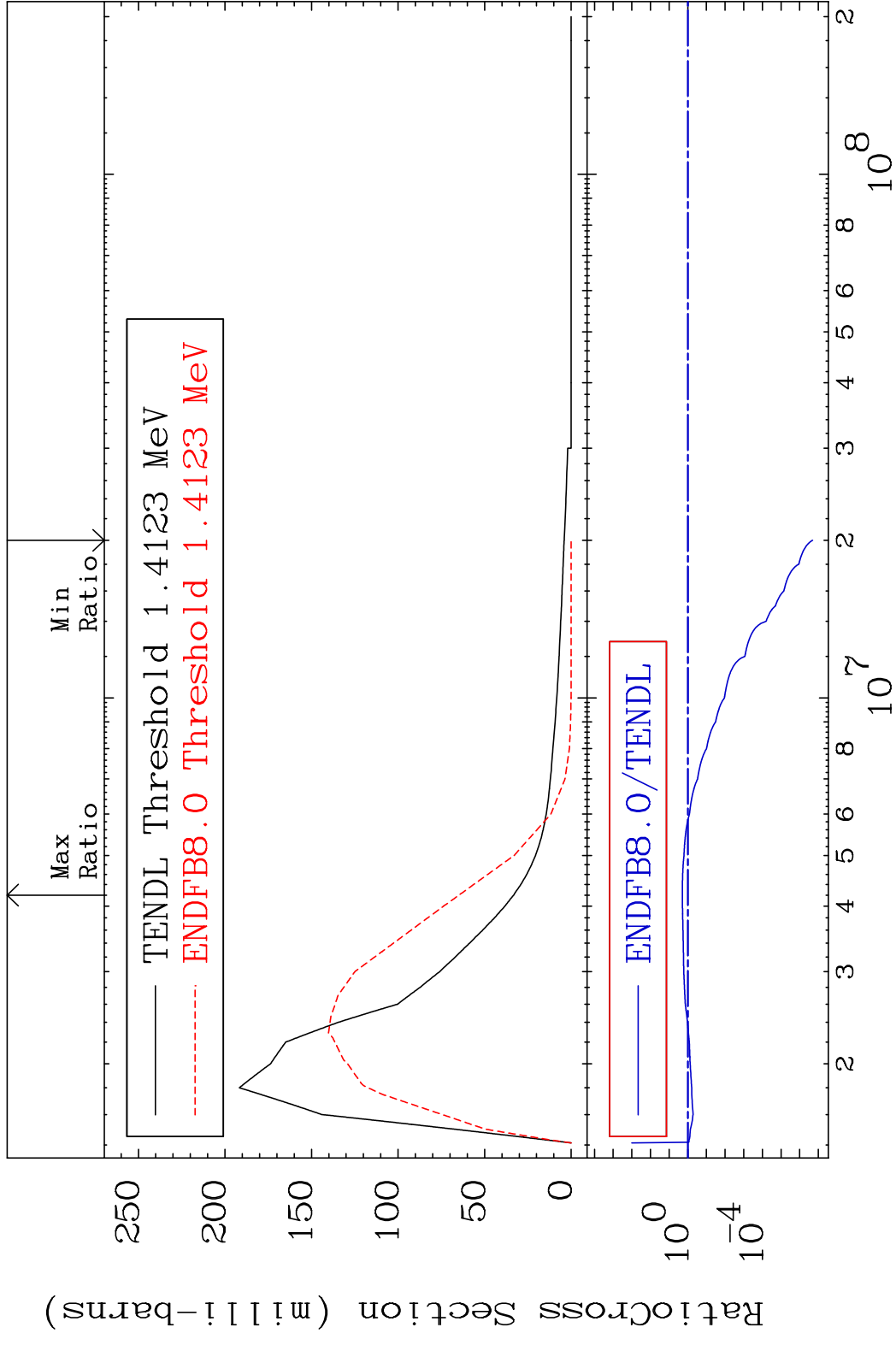


MAT 4431 MT= 52 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 51.02 %

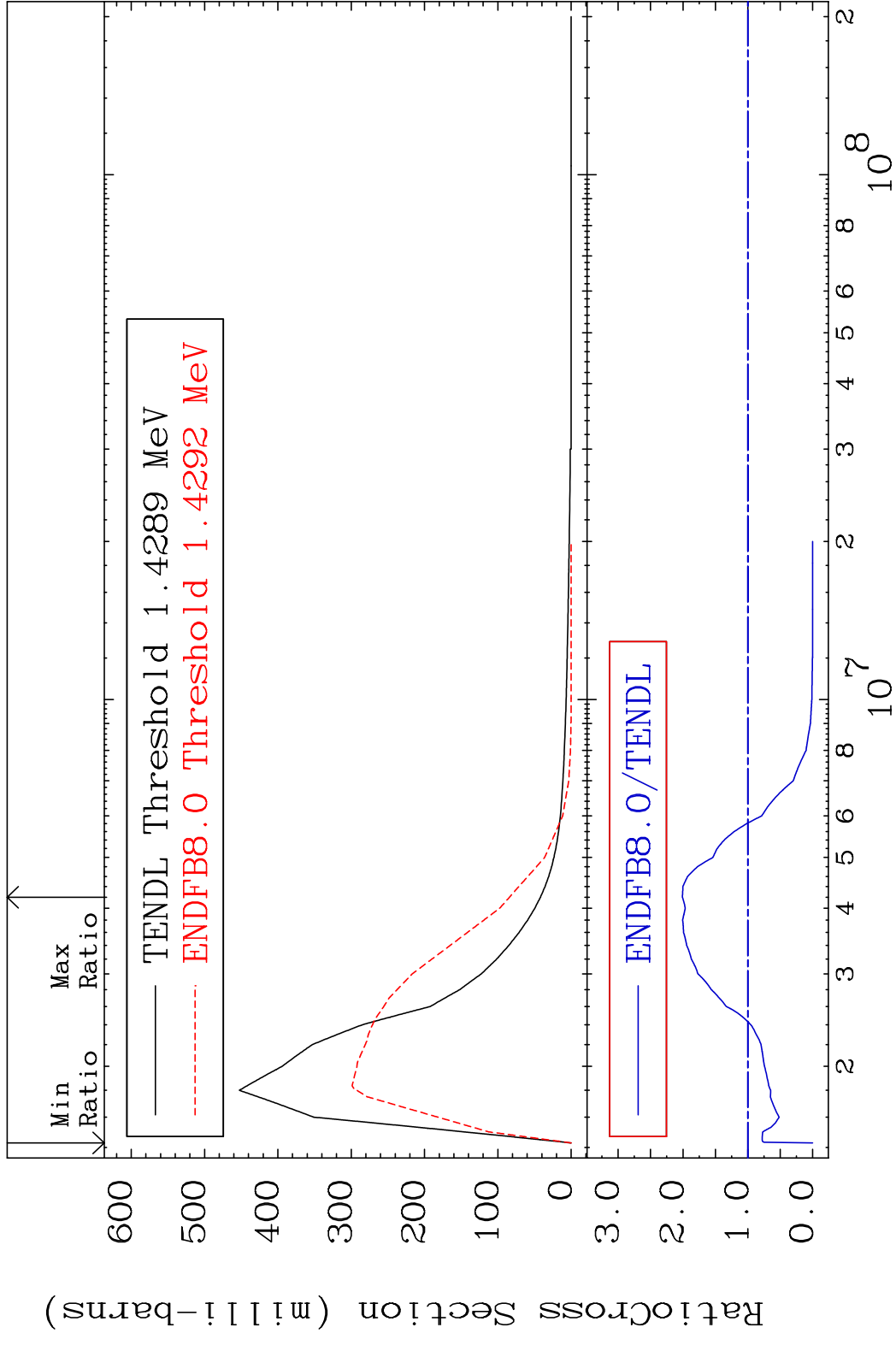


10 Incident Energy (eV) 44-Ru-98

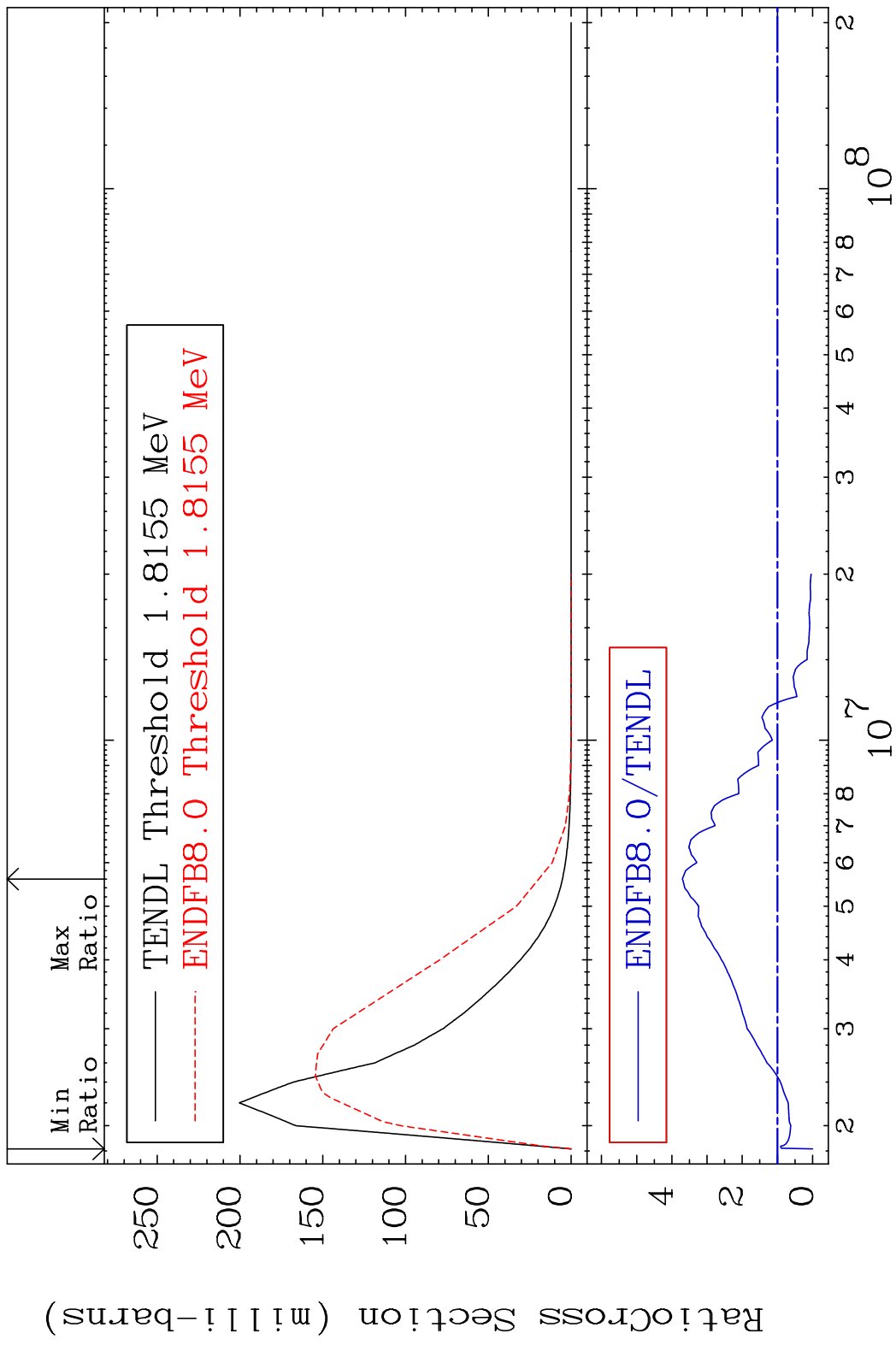
MAT 4431 MT= 53 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 94.82 %



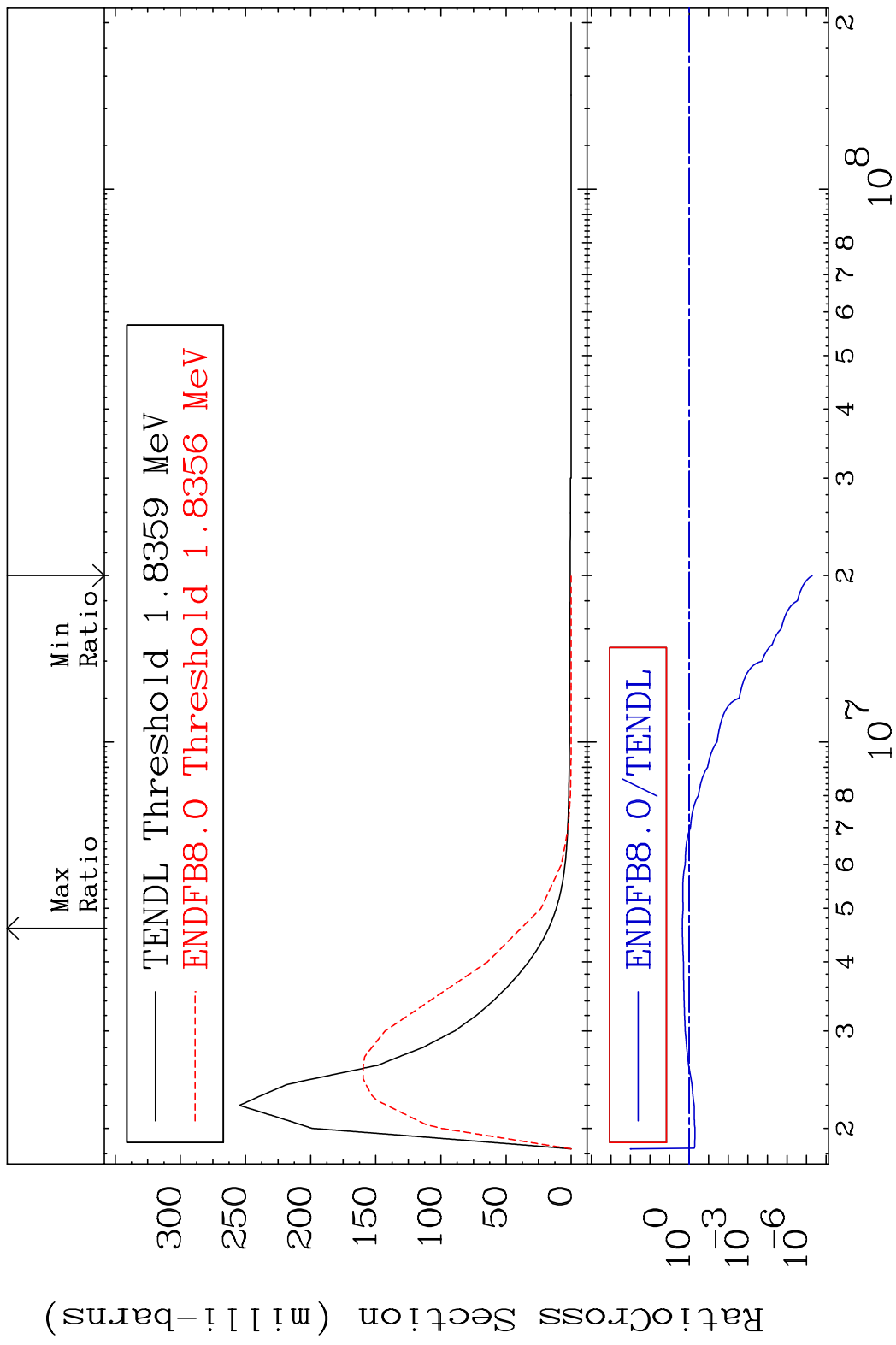
MAT 4431 MT= 54 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 100.9 %



MAT 4431 MT= 55 (n,n') Level 44-Ru-98
 Cross Section -100.0 To 270.2 %

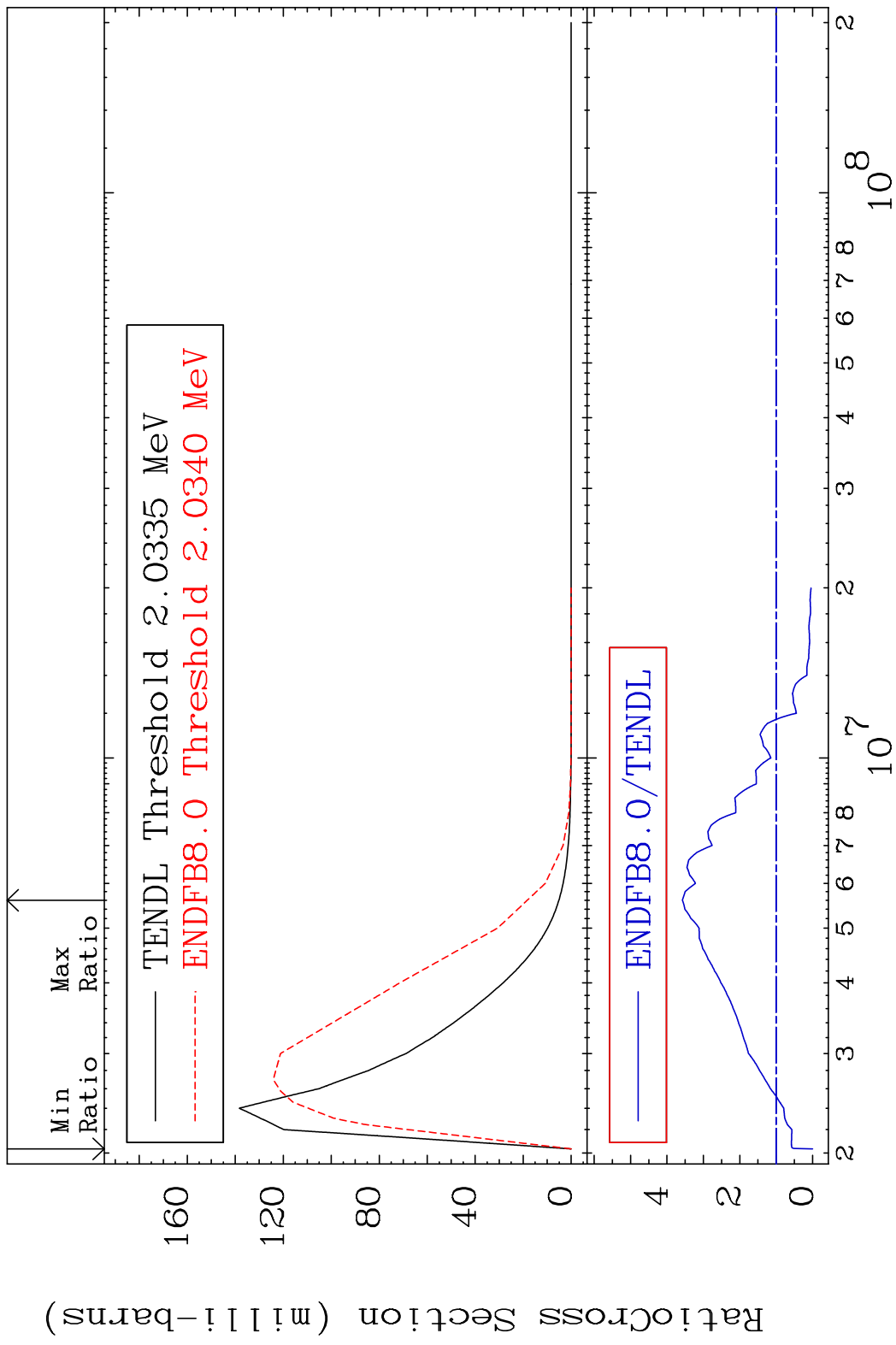


MAT 4431 MT= 56 (n,n') Level 44-Ru-98
 Cross Section -100.0 To 122.8 %

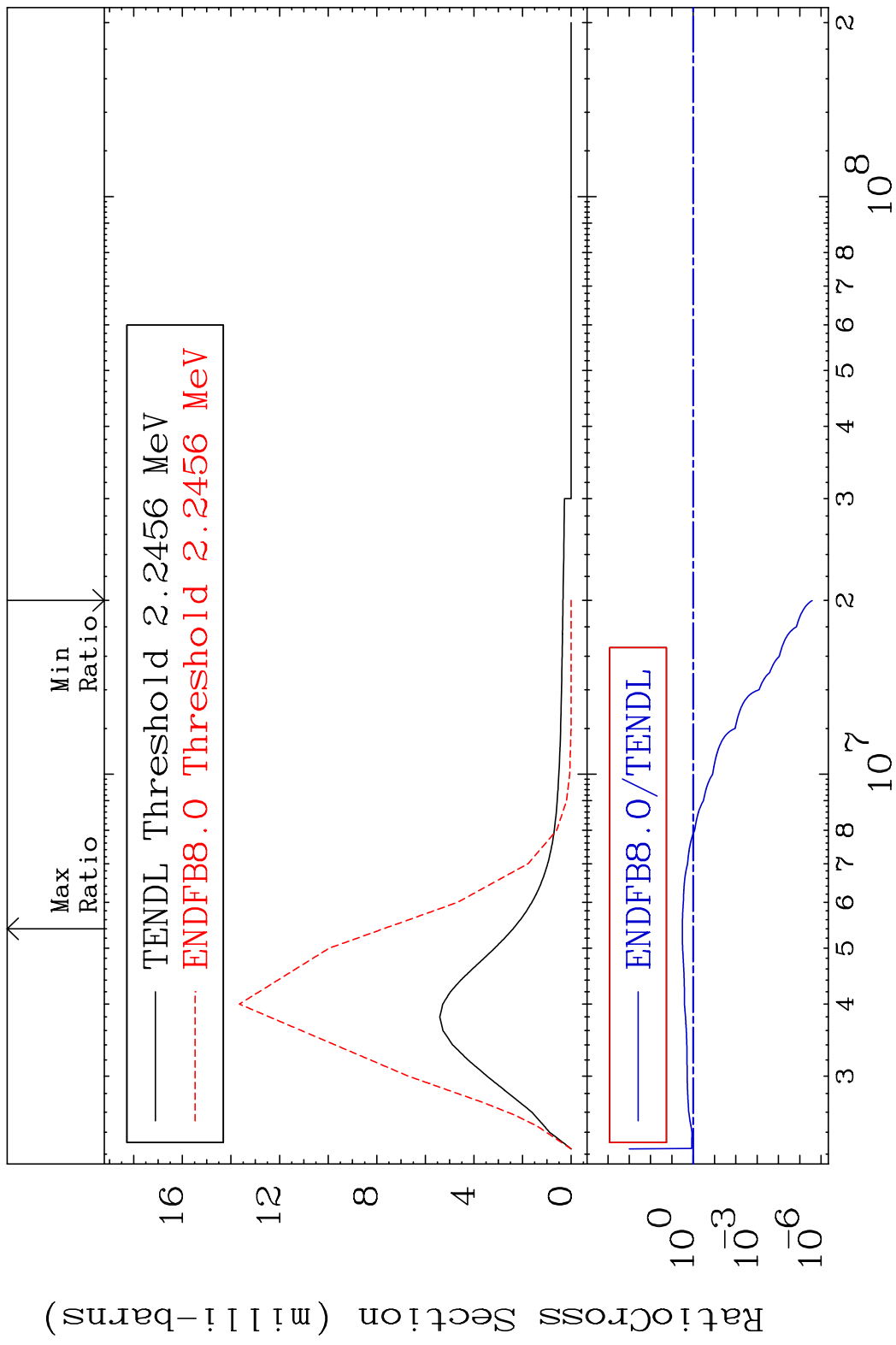


14 Incident Energy (eV) 44-Ru-98

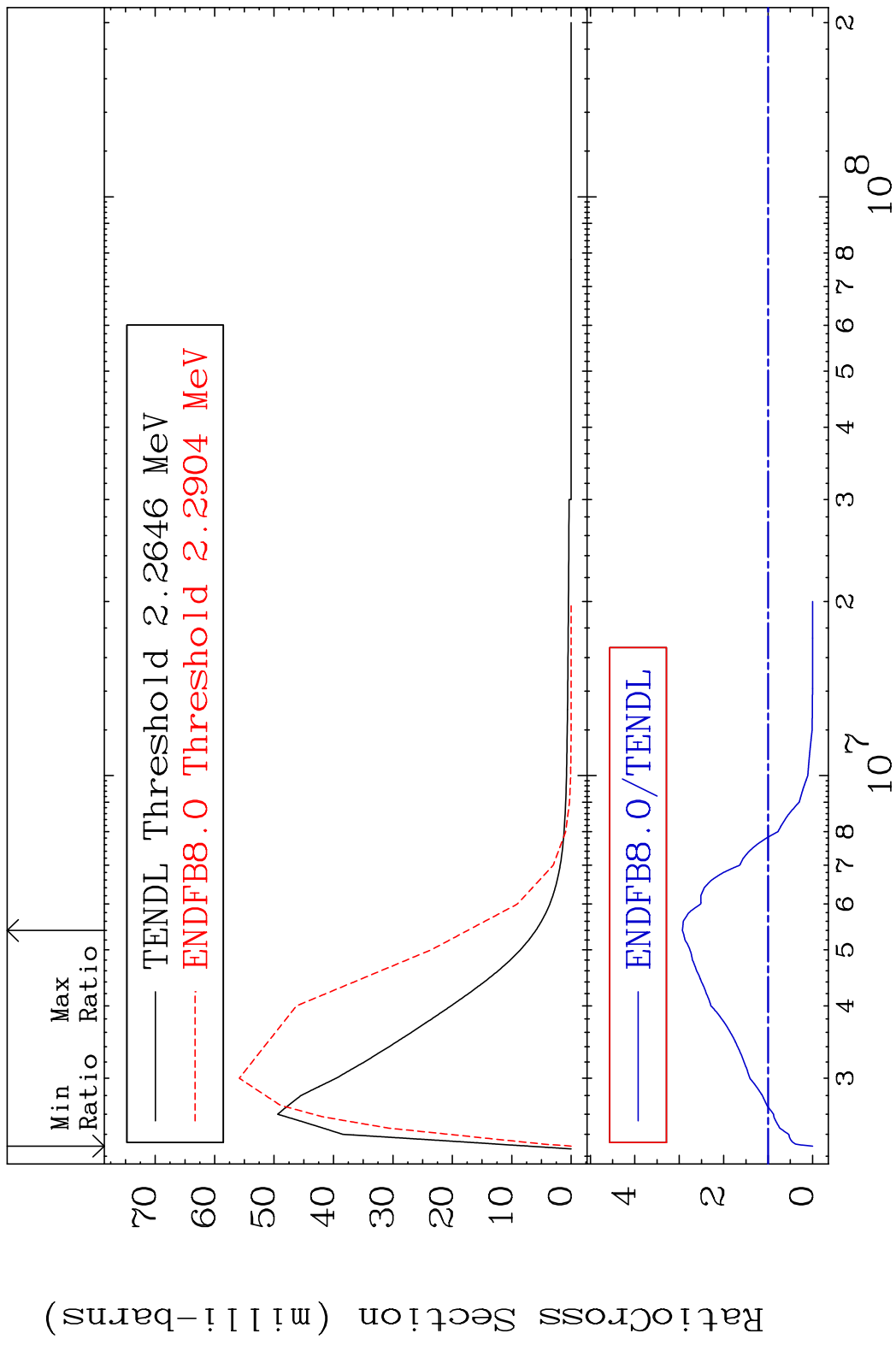
MAT 4431 MT= 57 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 257.7 %



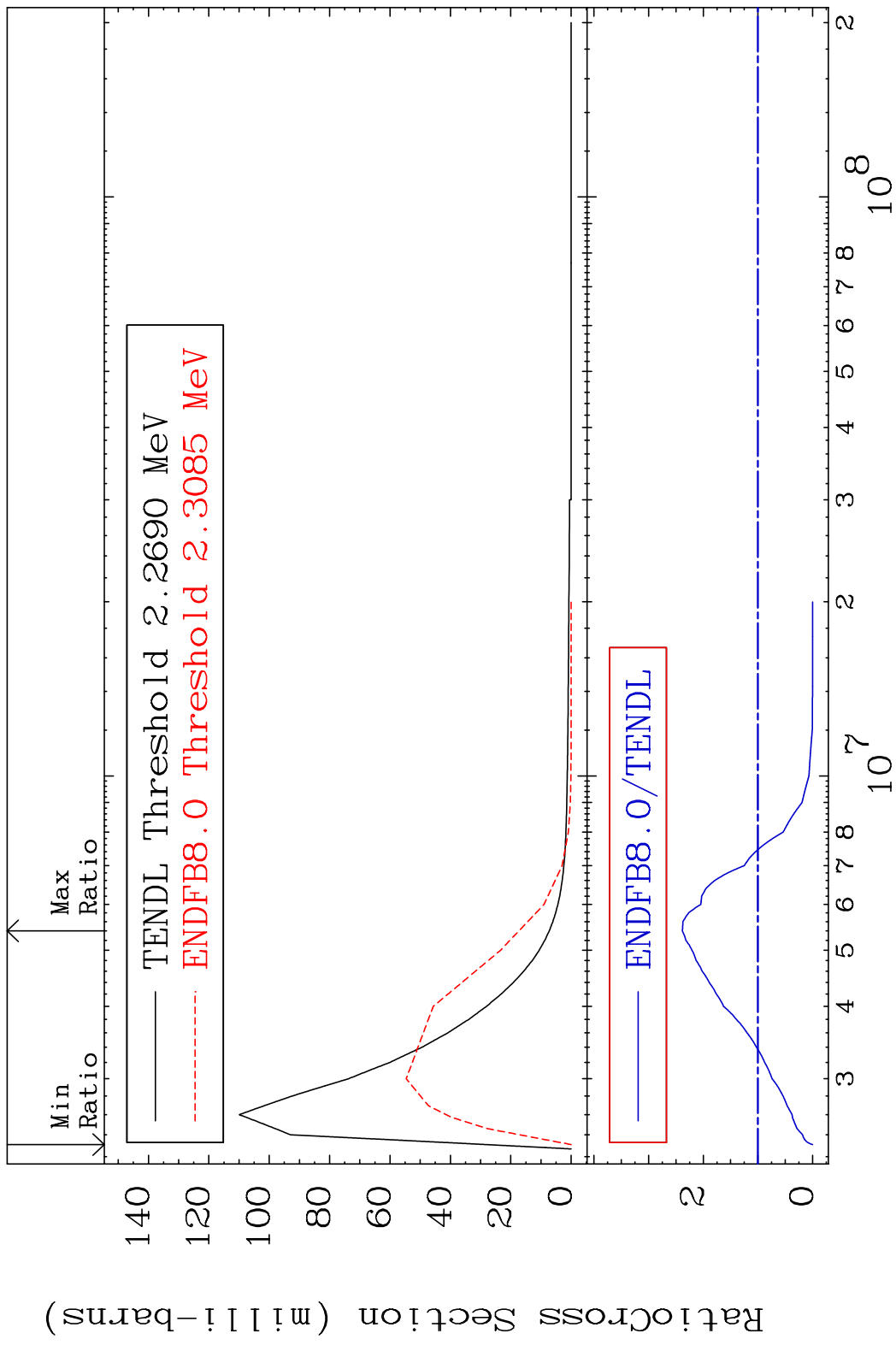
MAT 4431 MT= 58 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 223.2 %



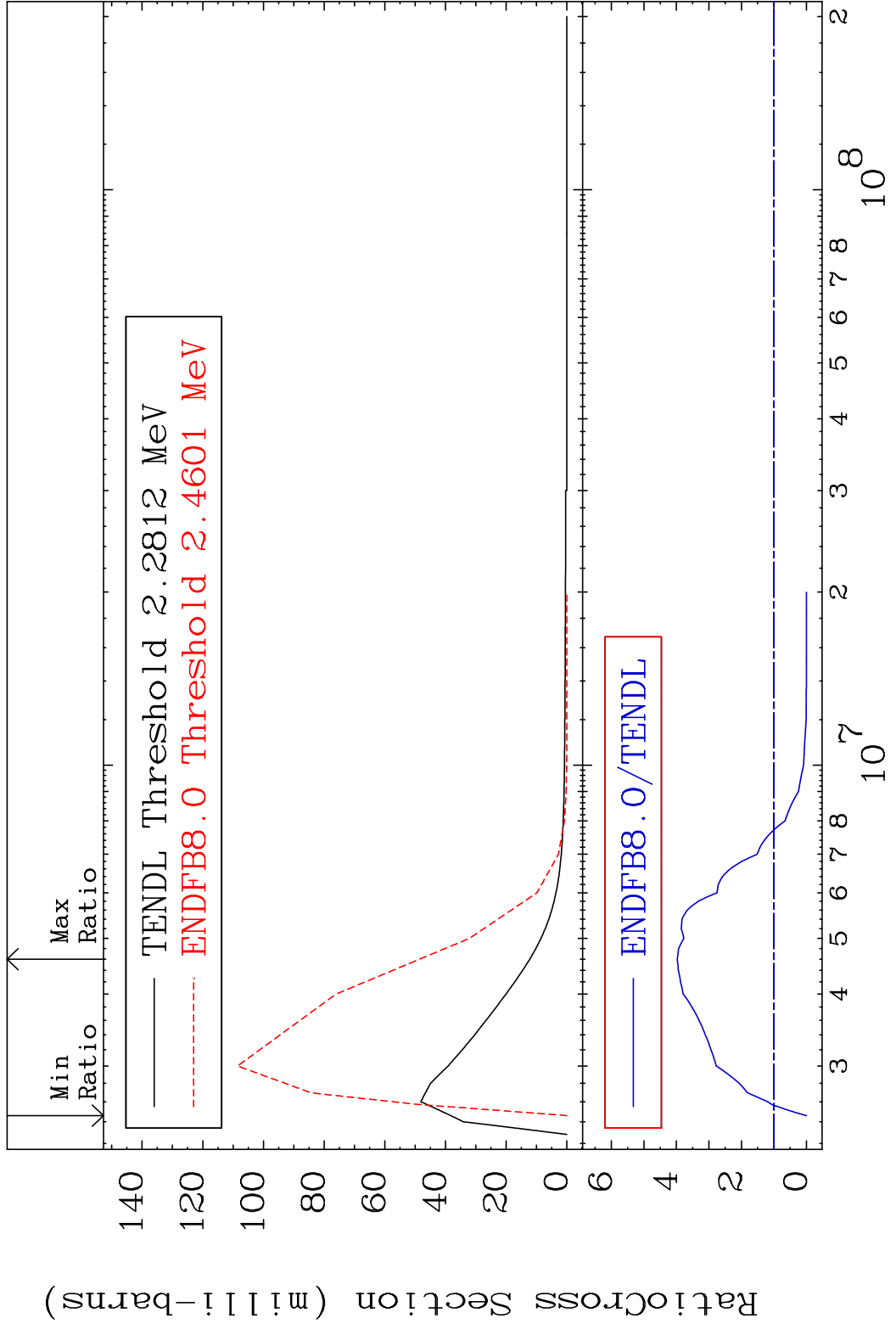
MAT 4431 MT= 59 (n,n') Level 44-Ru-98
 Cross Section -100.0 To 193.0 %



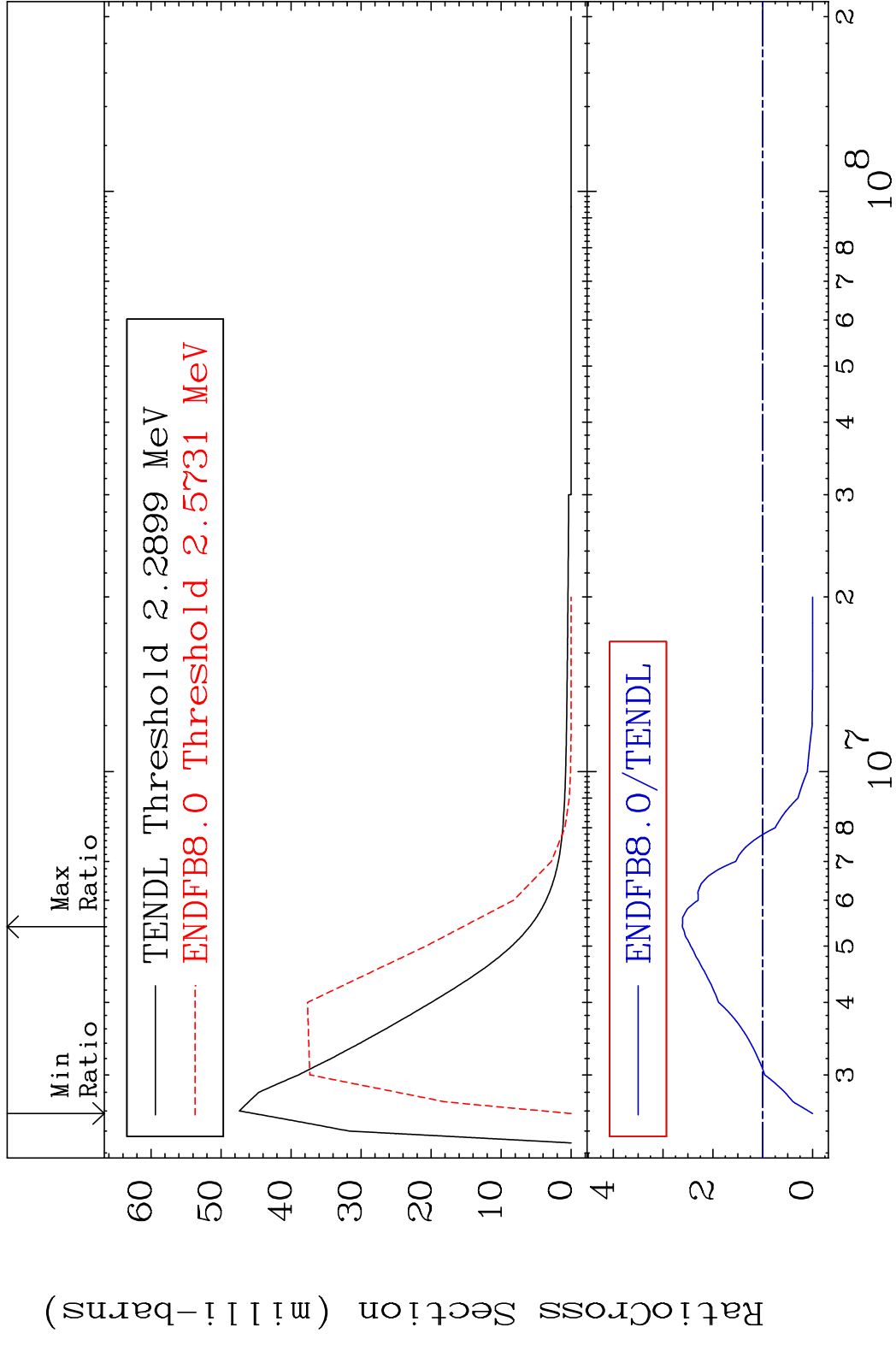
MAT 4431 MT= 60 (n,n') Level 44-Ru-98
 Cross Section -100.0 To 138.3 %



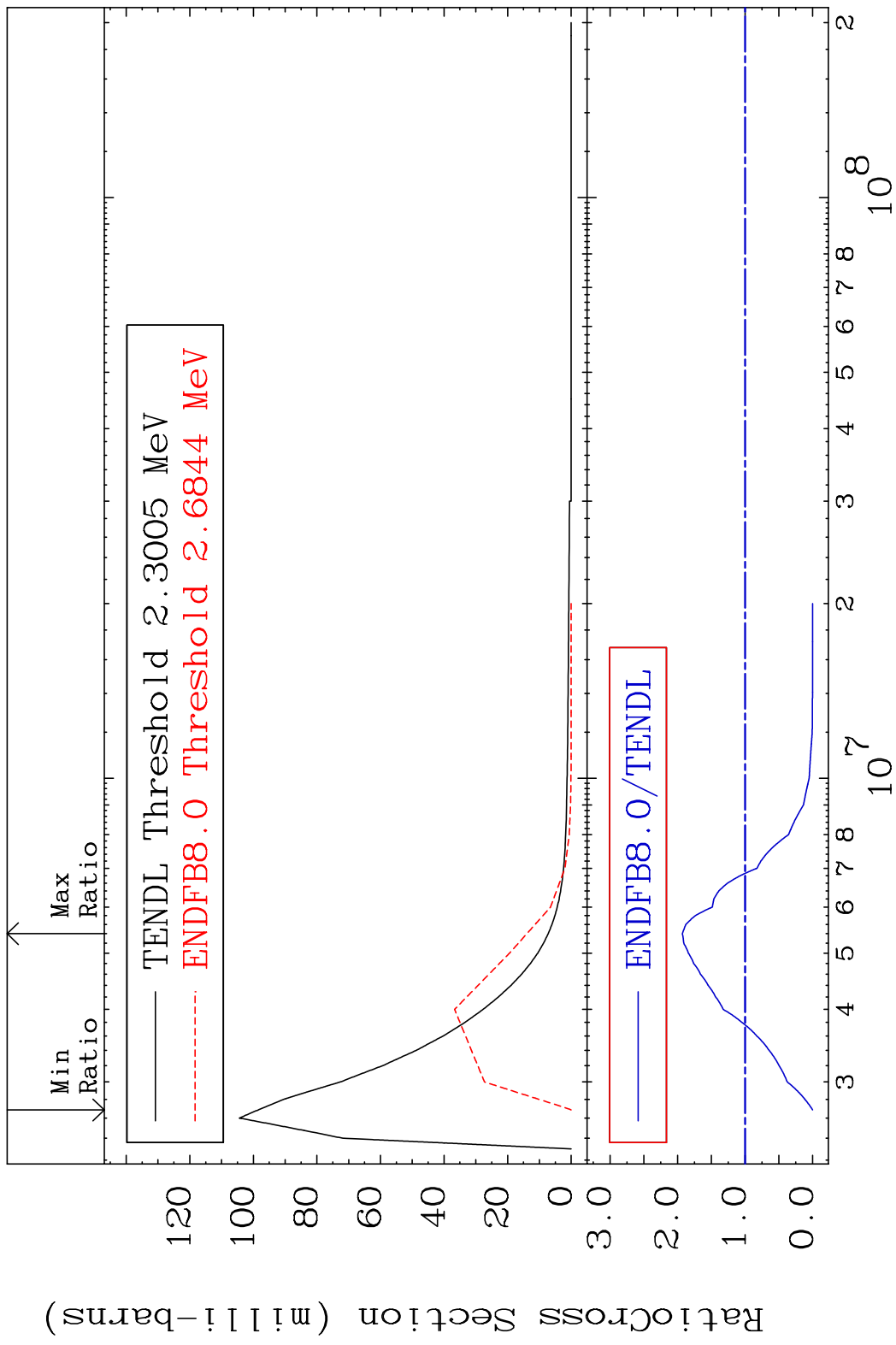
MAT 4431 MT= 61 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 297.6 %



MAT 4431 MT= 62 (n, n') Level 44-Ru-98
 Cross Section -100.0 To 161.2 %



MAT 4431 MT= 63 (n,n') Level 44-Ru-98
 Cross Section -100.0 To 93.02 %

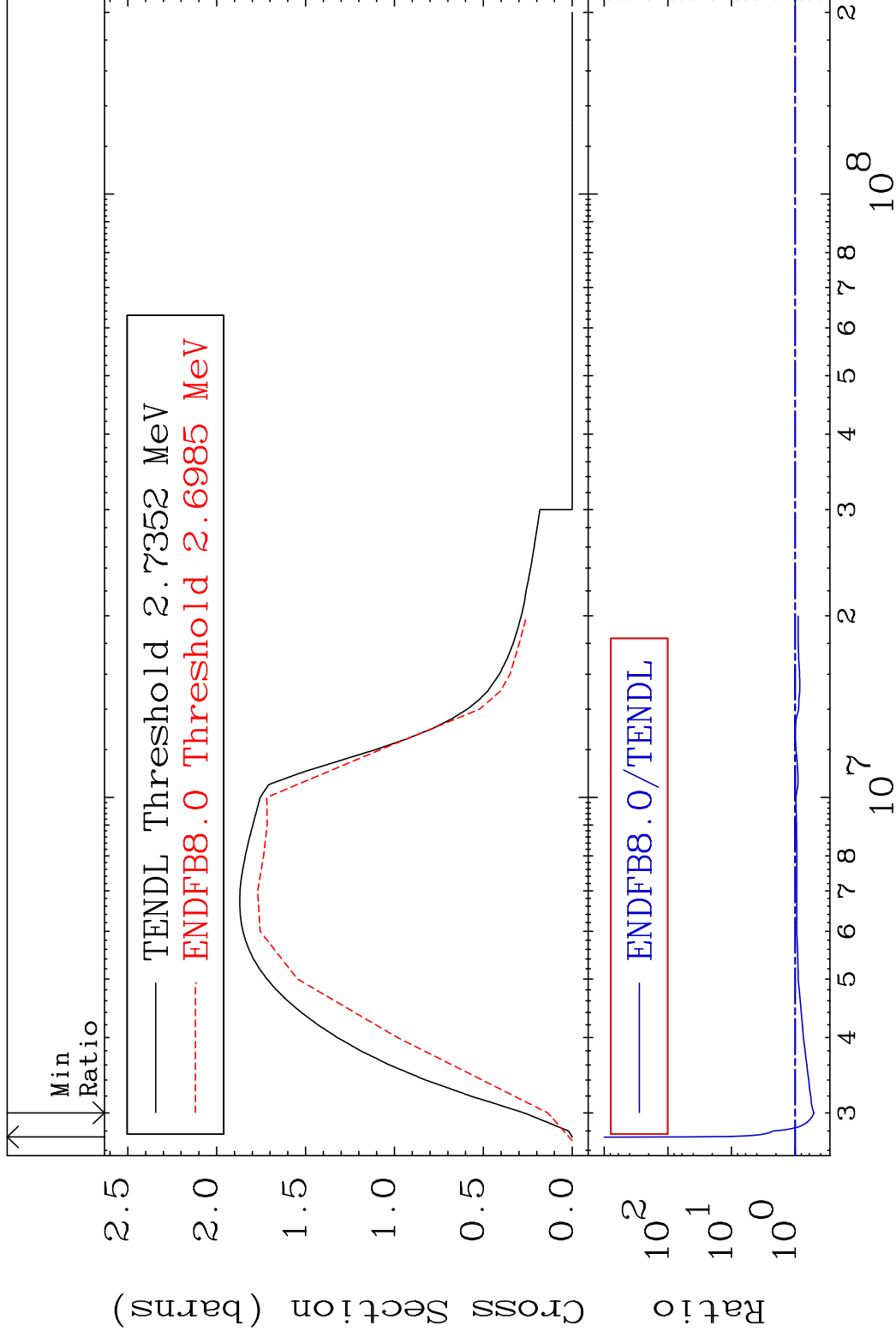


MAT 4431

(n,n') Continuum

44-Ru-98

Cross Section -49.44 To 5545. %

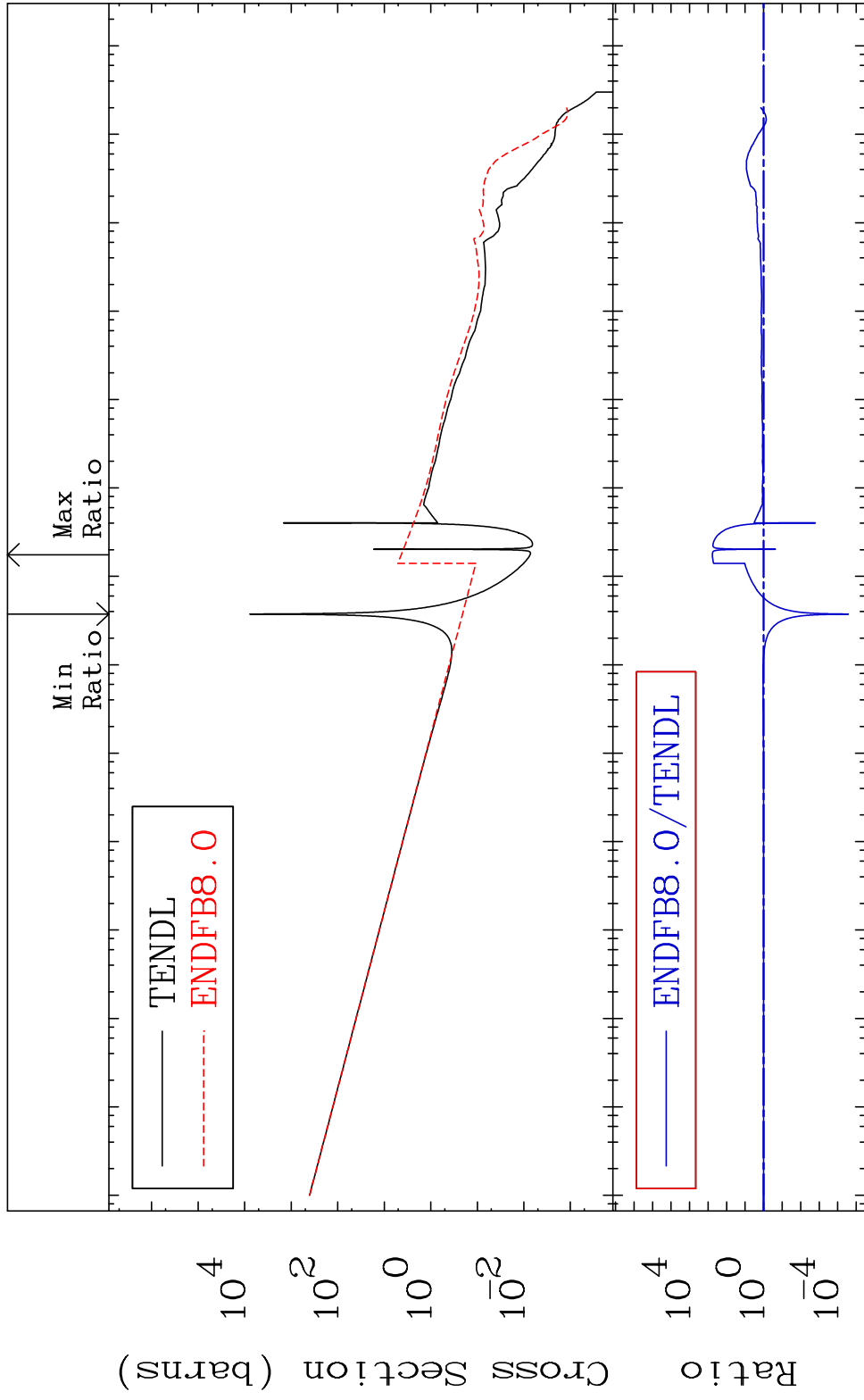


MAT 4431

(n, γ)

44-Ru-98

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

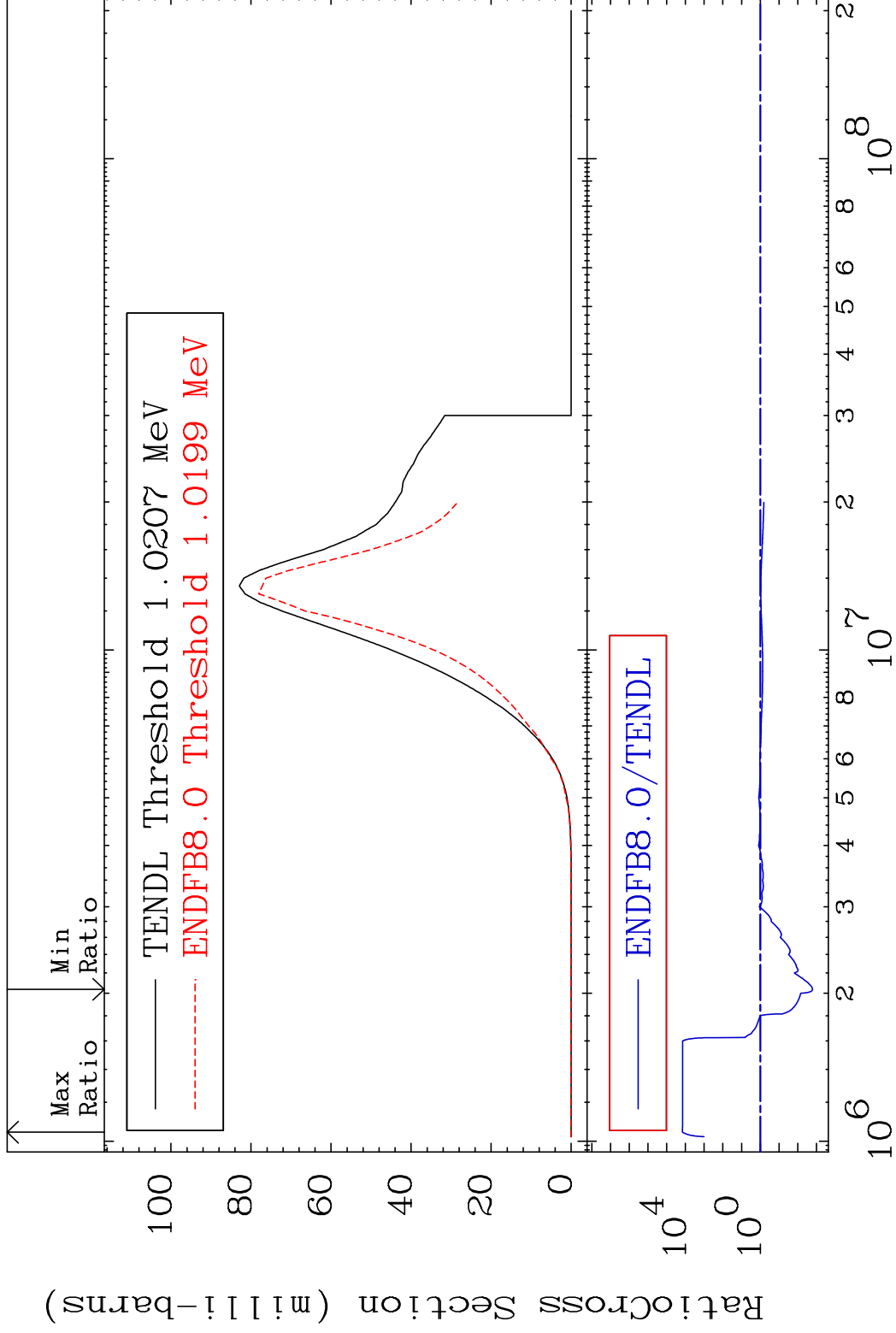
44-Ru-98

MAT 4431

(n,p)

44-Ru-98

Cross Section -99.84 To 9999. %



24

Incident Energy (eV)

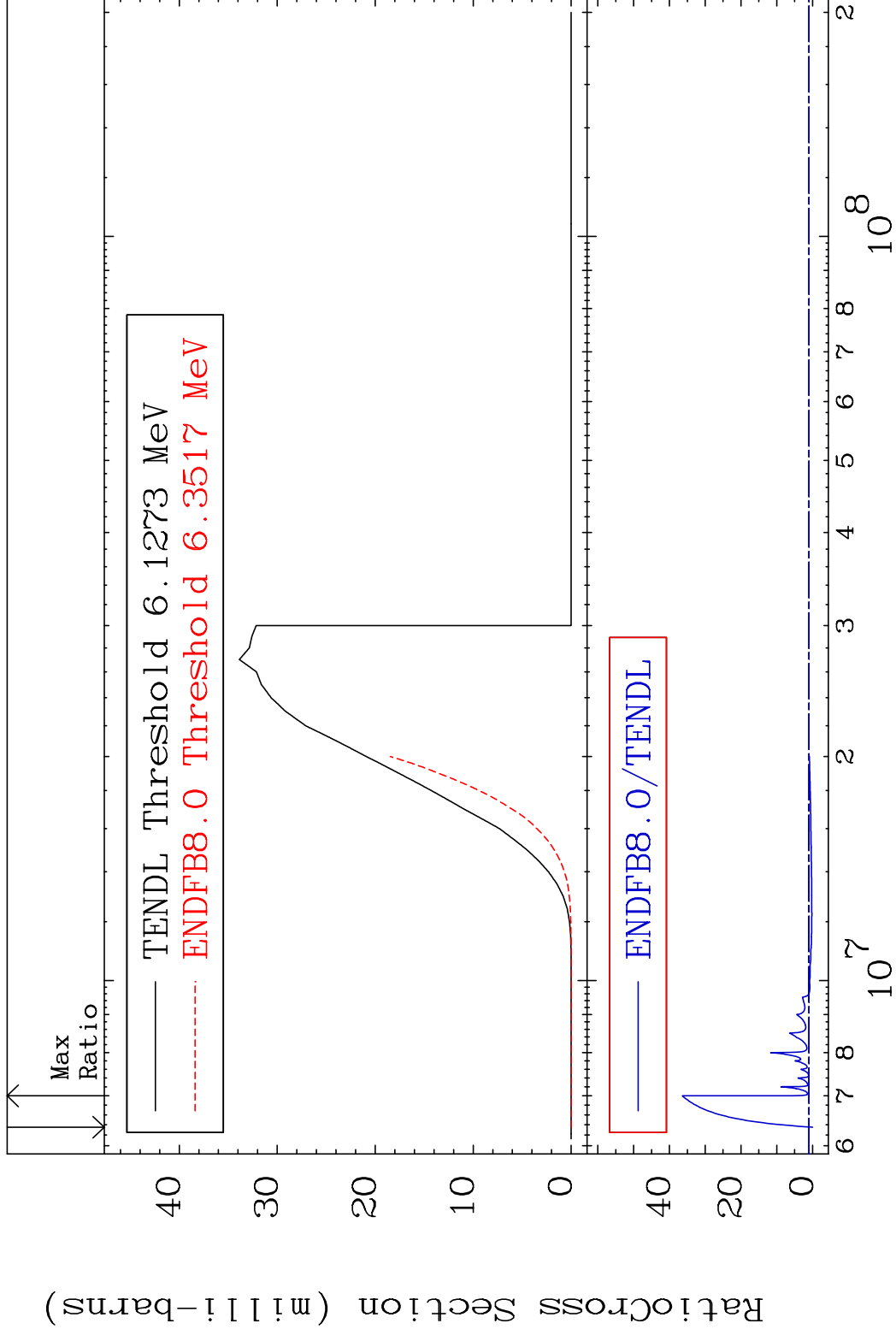
44-Ru-98

MAT 4431

(n,d)

44-Ru-98

Cross Section -100.0 To 3538. %



25

Incident Energy (eV)

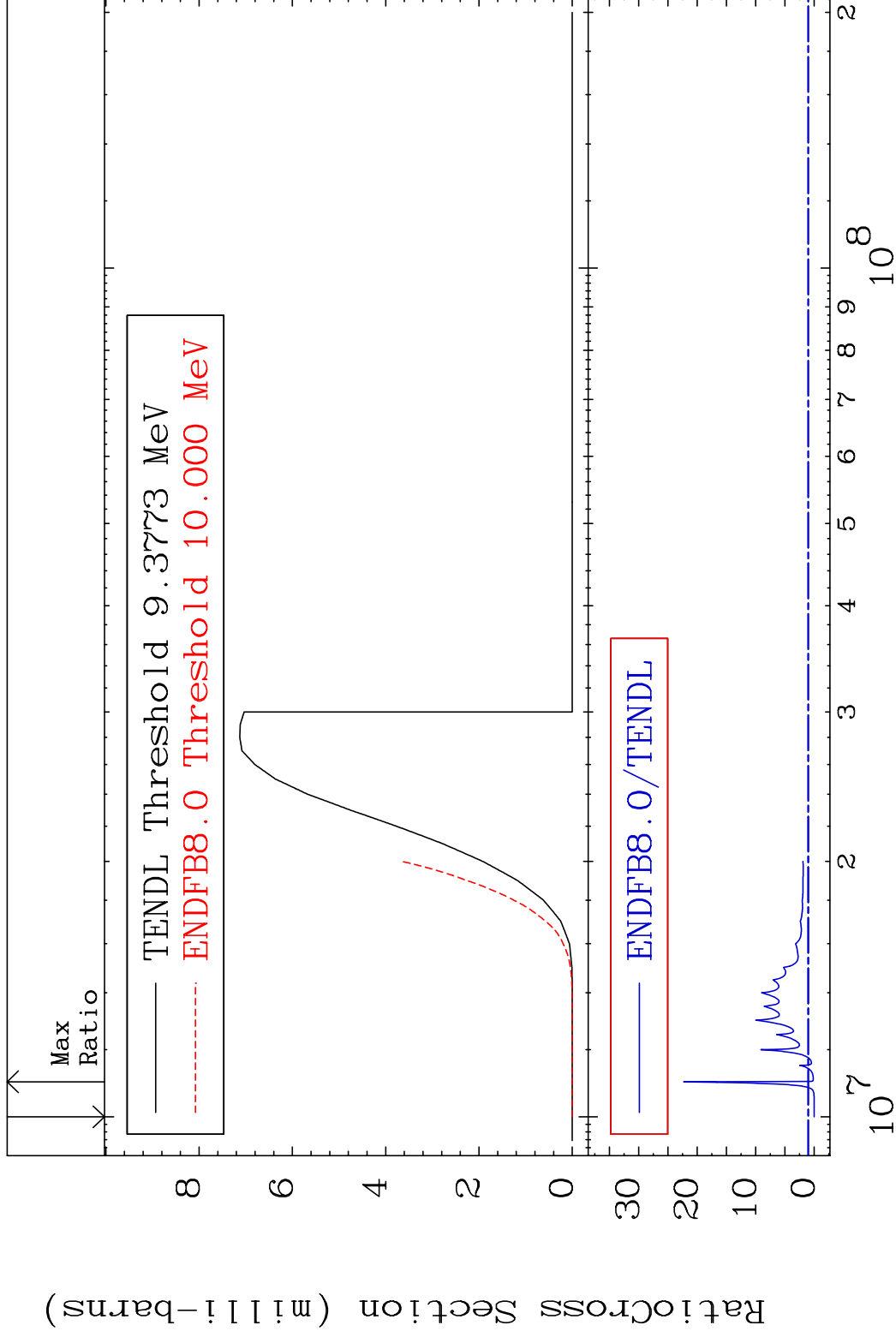
44-Ru-98

MAT 4431

(n, t)

44-Ru-98

Cross Section -100.0 To 2131. %



26

Incident Energy (eV)

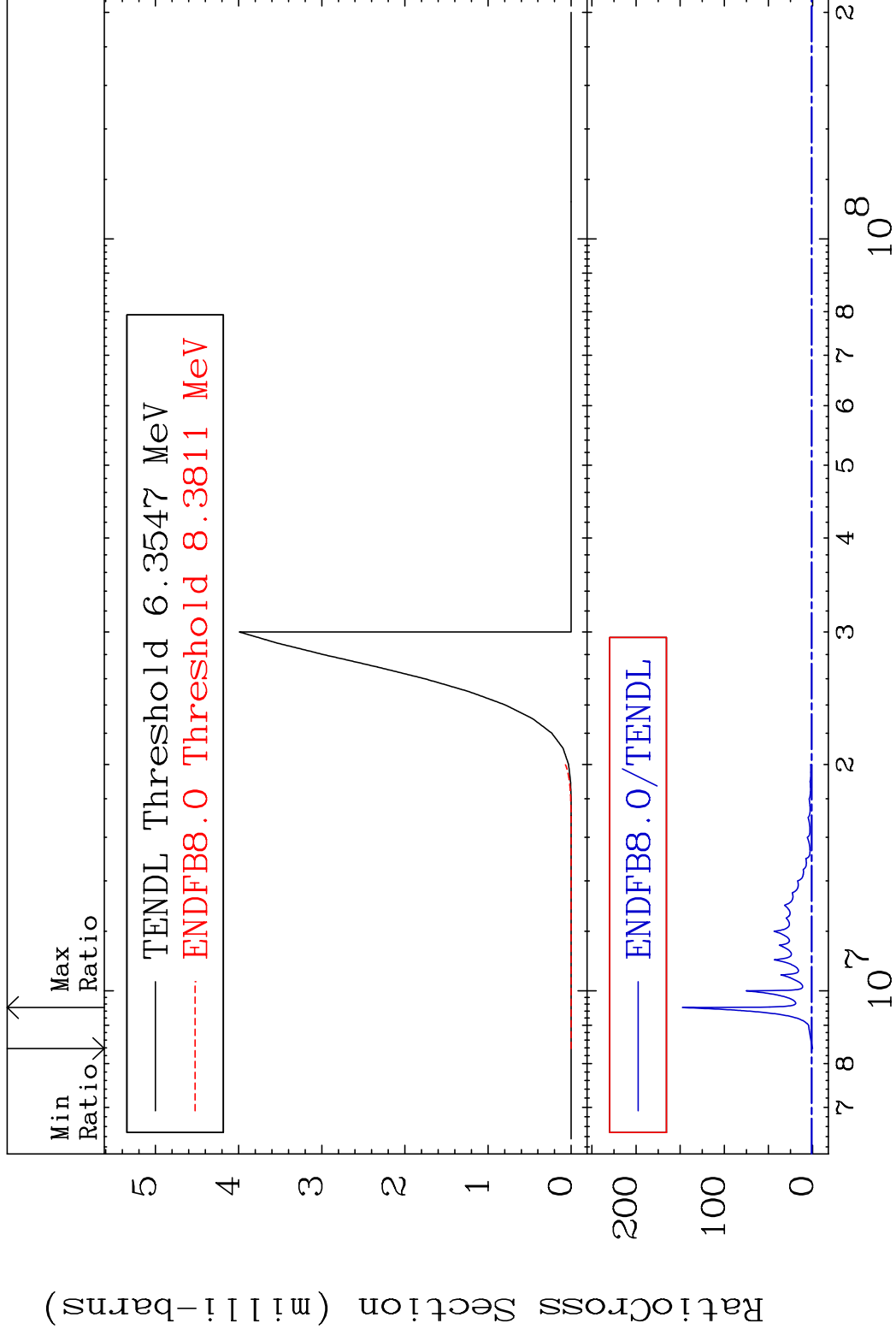
44-Ru-98

MAT 4431

(n, He-3)

44-Ru-98

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

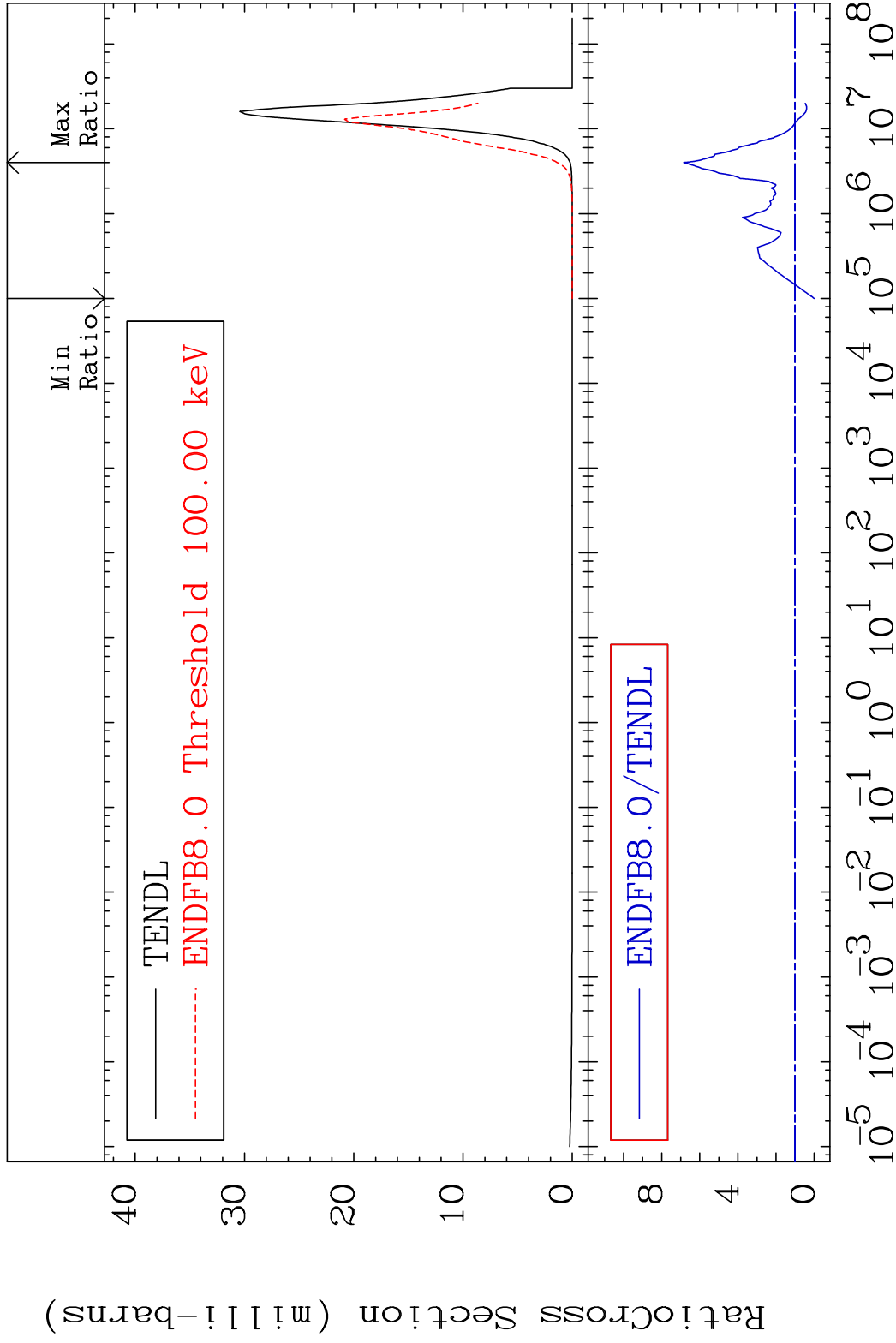
44-Ru-98

MAT 4431

(n, α)

44-Ru-98

Cross Section -100.0 To 584.7 %



28

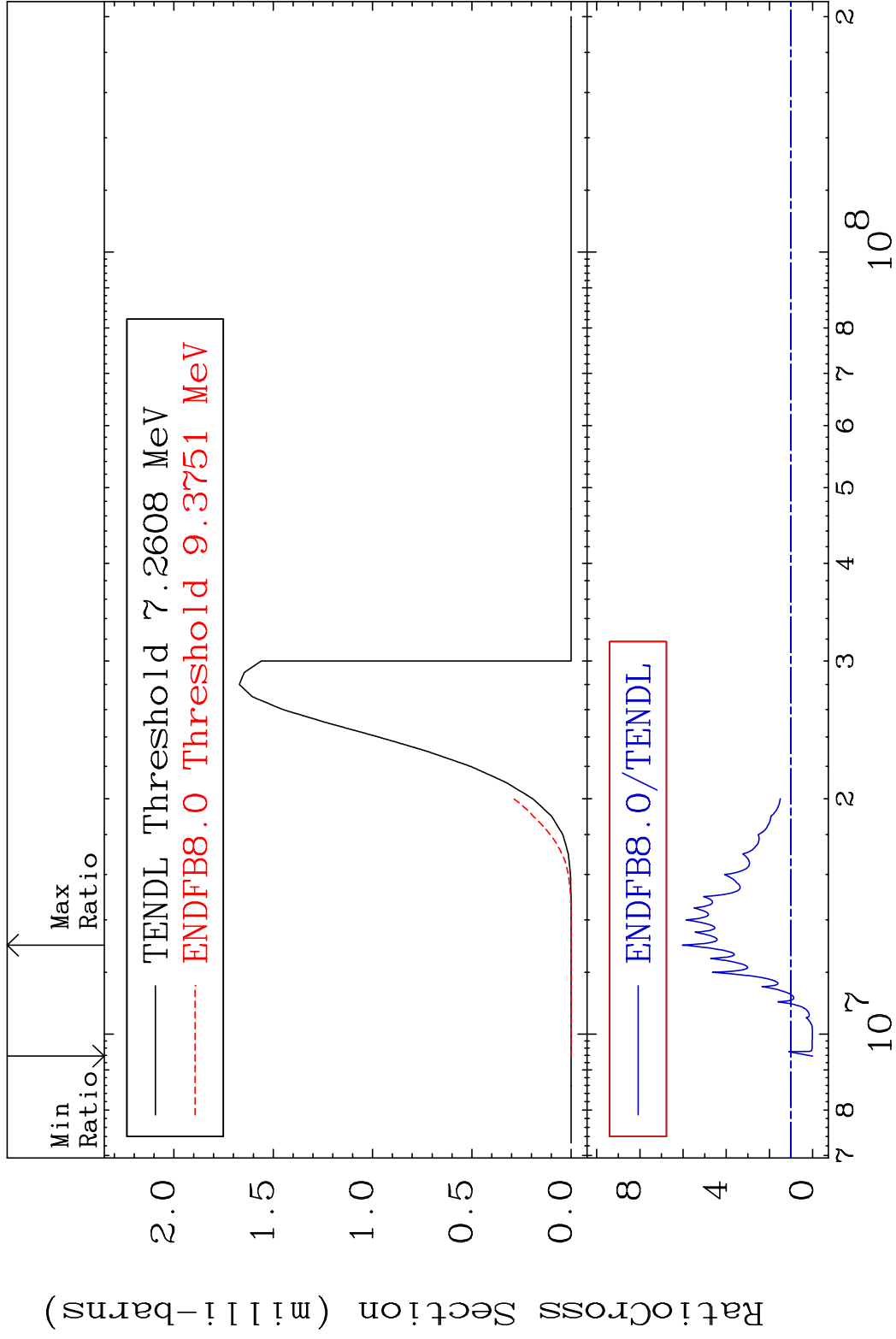
44-Ru-98

MAT 4431

(n,2p)

44-Ru-98

Cross Section -100.0 To 503.3 %

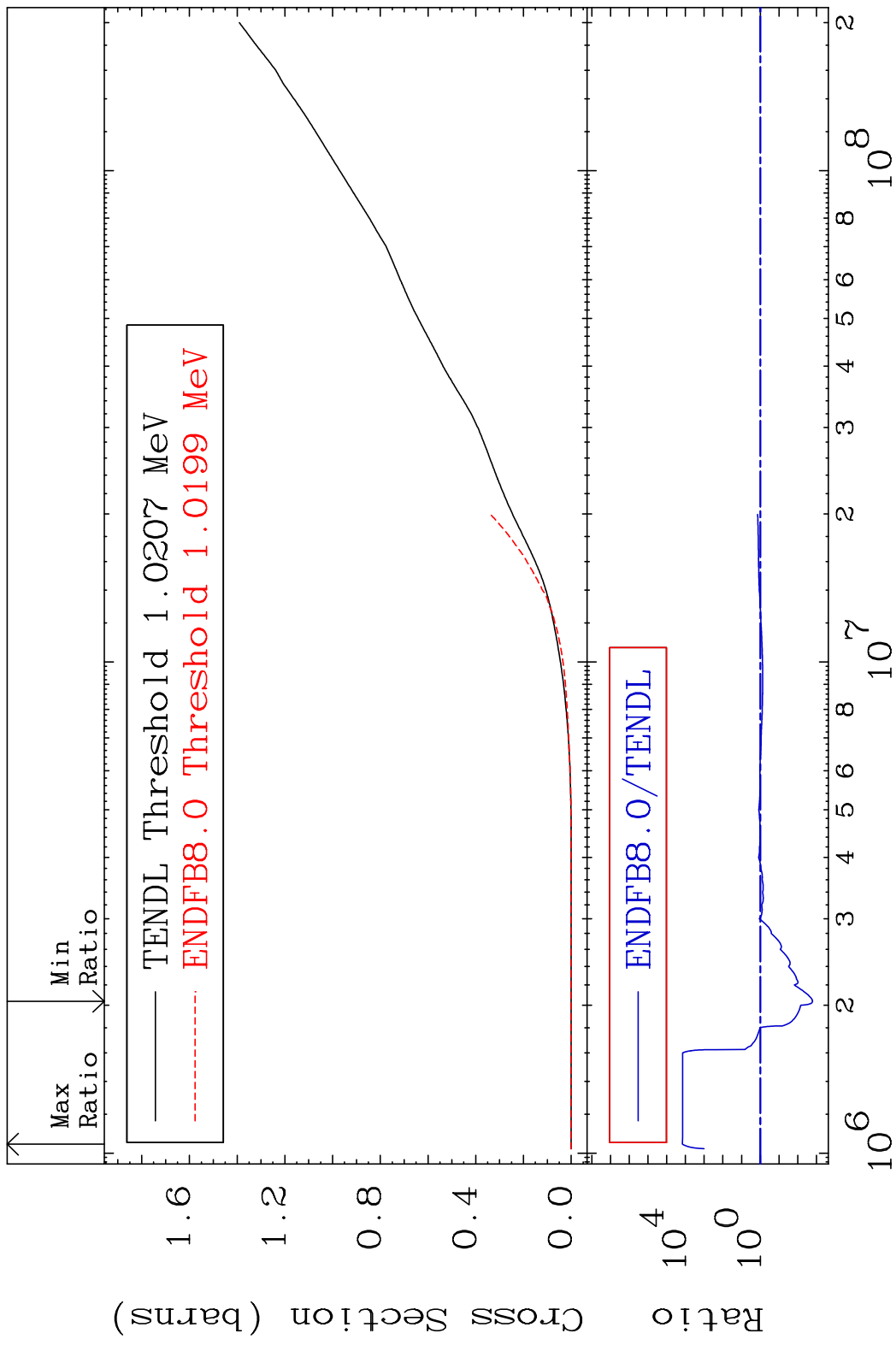


29

Incident Energy (eV)

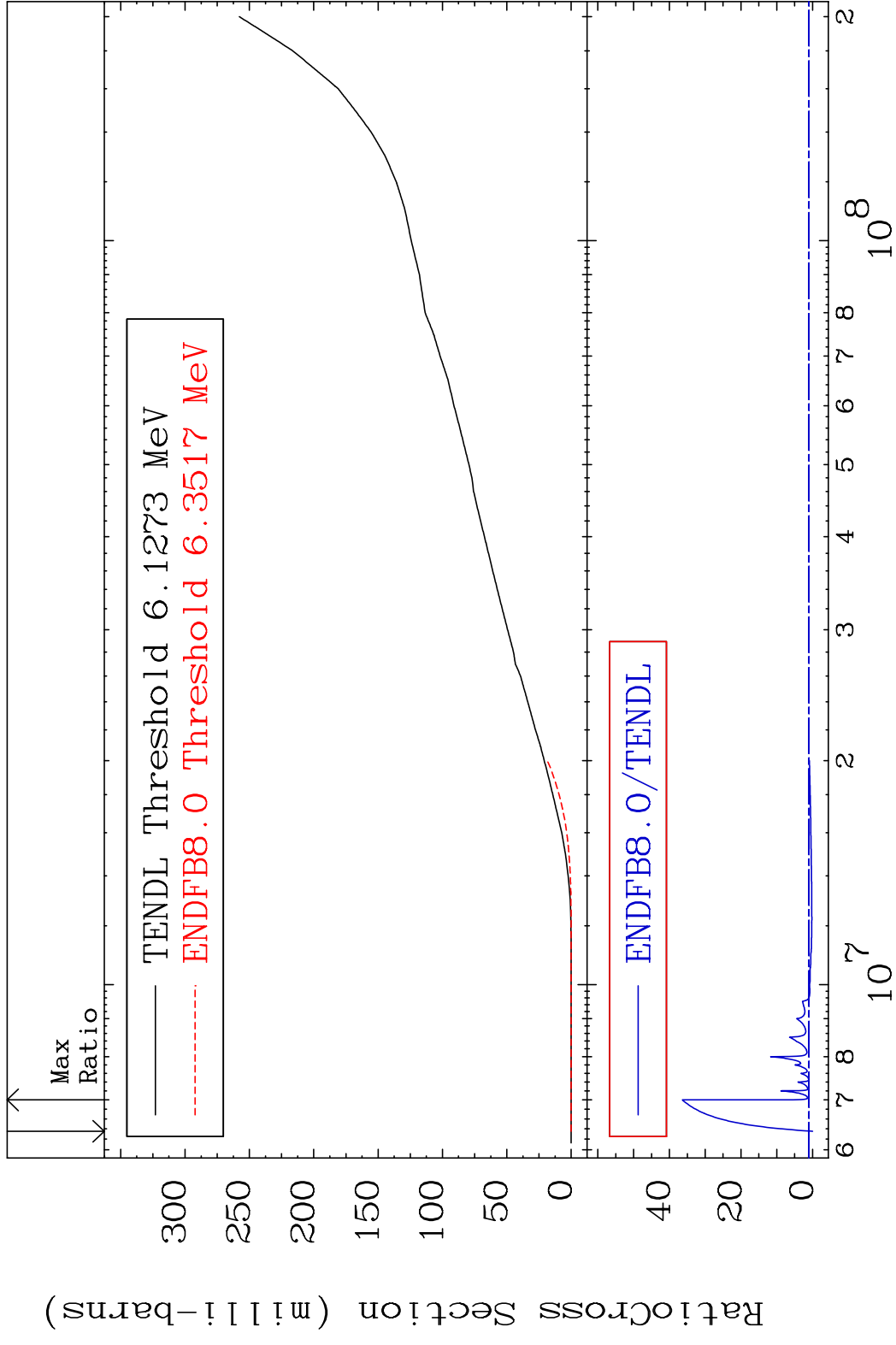
44-Ru-98

MAT 4431 Hydrogen Production 44-Ru-98
 Cross Section -99.84 To 9999. %



30 Incident Energy (eV) 44-Ru-98

MAT 4431 Deuterium Production 44-Ru-98
 Cross Section -100.0 To 3538. %

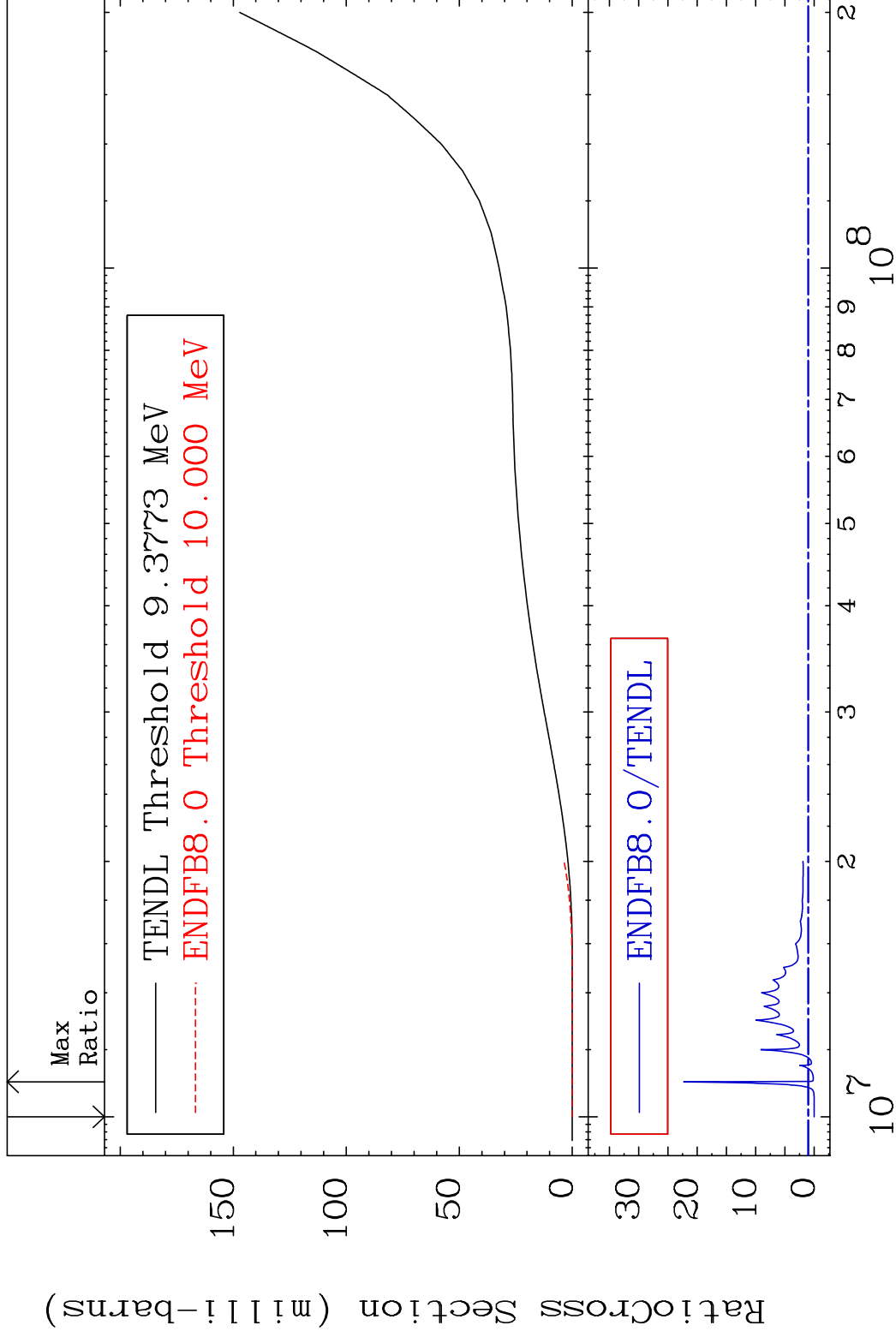


MAT 4431

Tritium Production

44-Ru-98

Cross Section -100.0 To 2131. %



32

Incident Energy (eV)

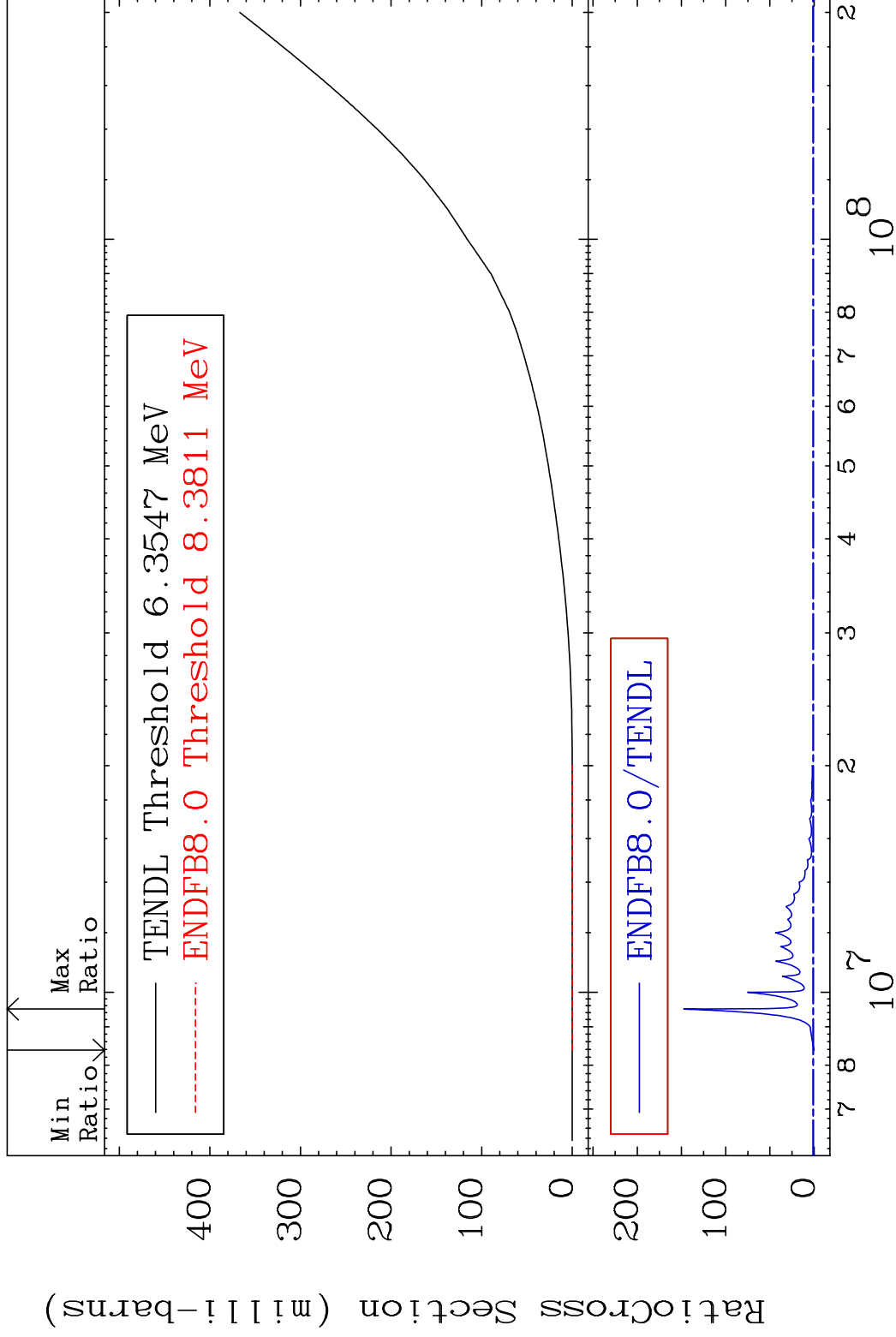
44-Ru-98

MAT 4431

He-3 Production

44-Ru-98

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

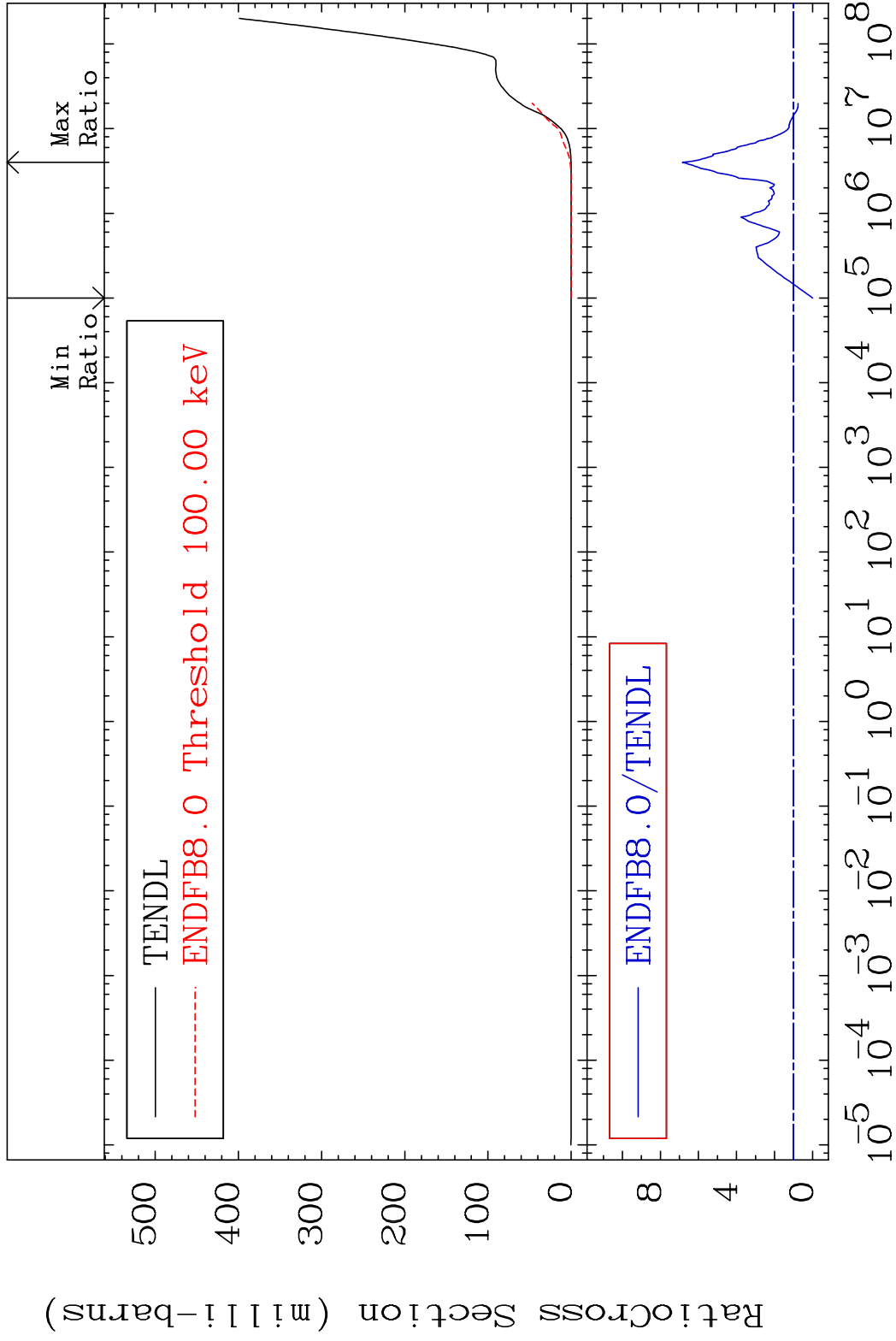
44-Ru-98

MAT 4431

He-4 Production

44-Ru-98

Cross Section -100.0 To 584.7 %

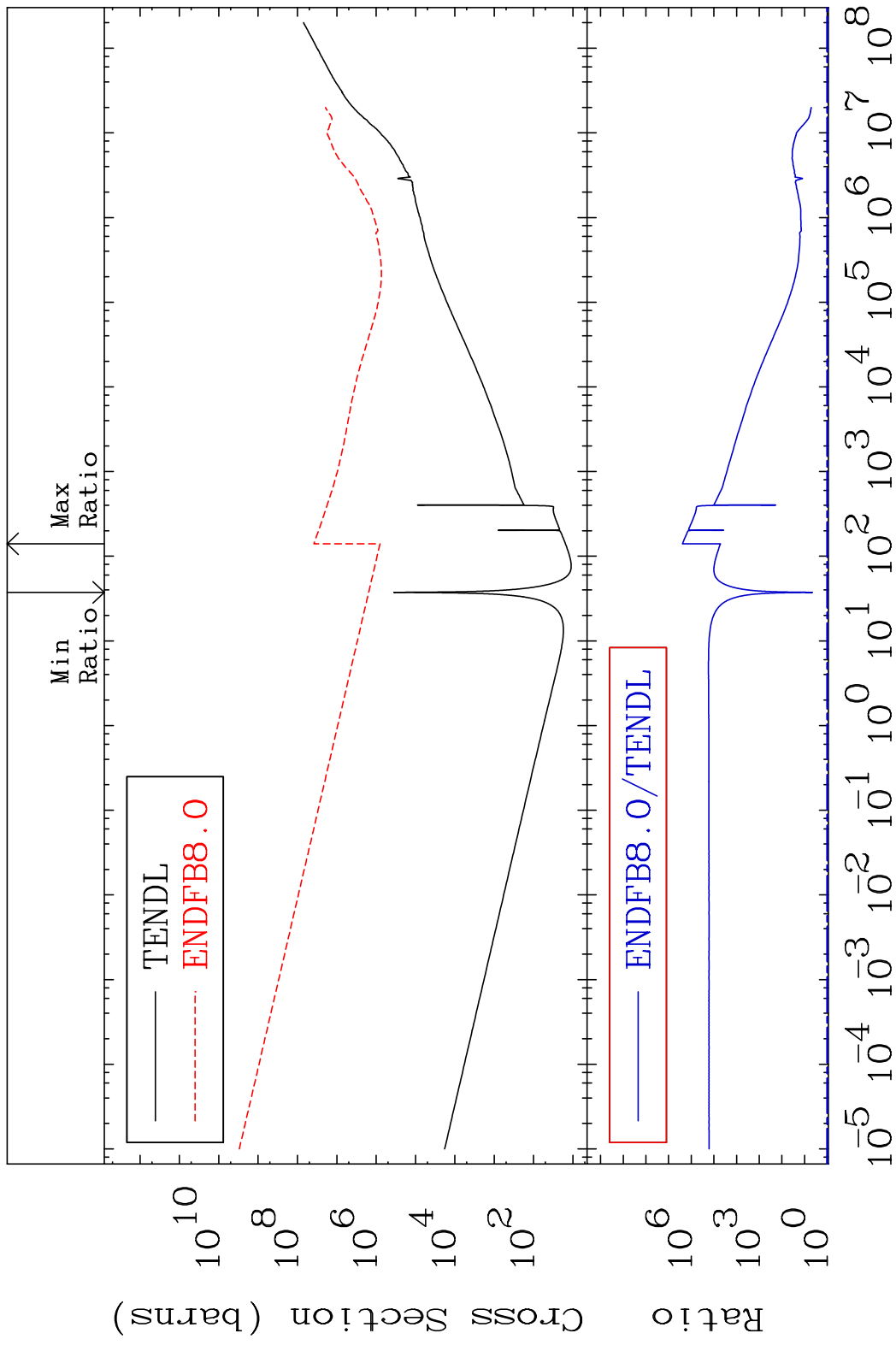


34

Incident Energy (eV)

44-Ru-98

MAT 4431 Kerma total (eV-barns) 44-Ru-98
 Cross Section 343.7 To 9999. %

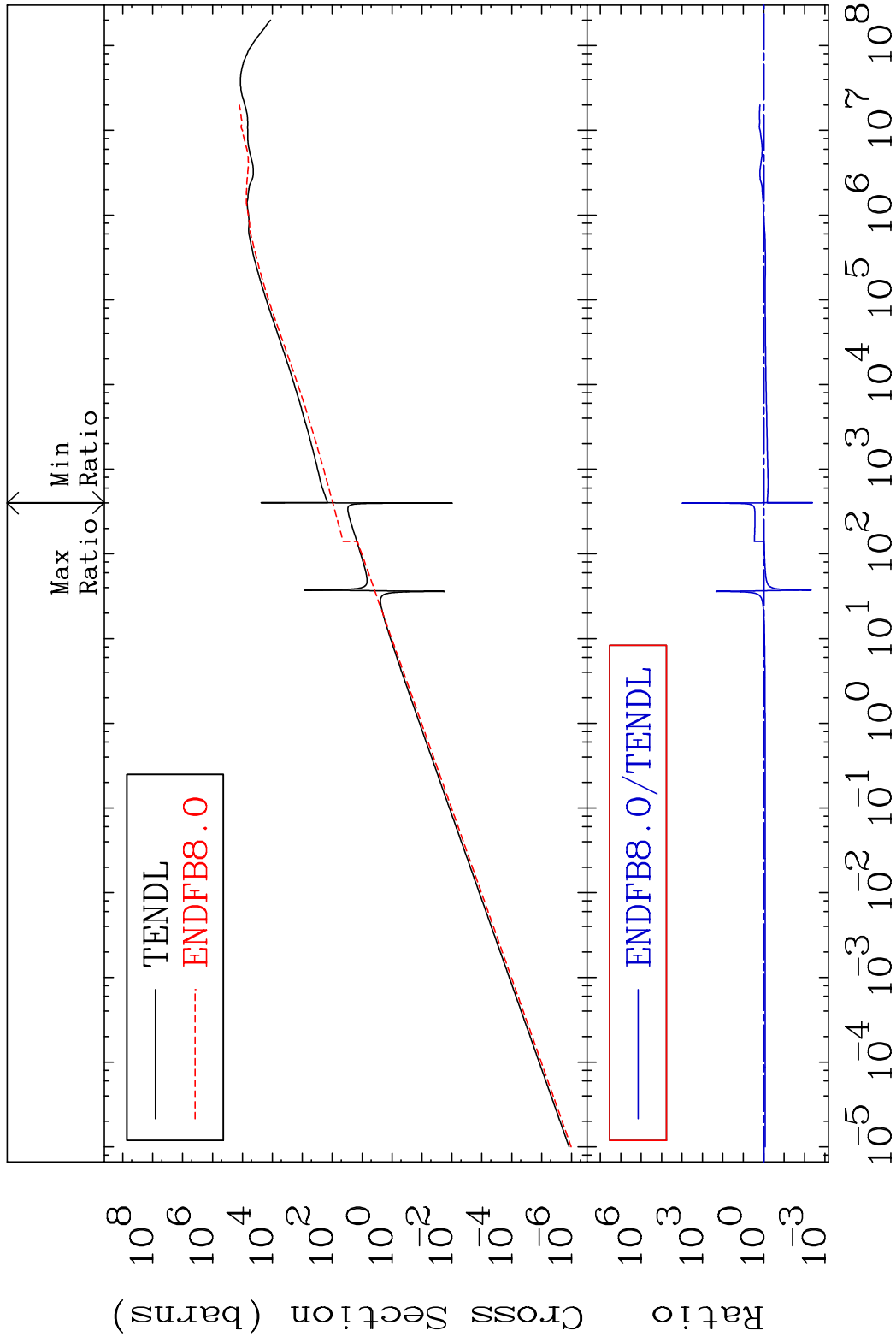


MAT 4431

Kerma elastic

44-Ru-98

Cross Section -99.59 To 9999. %

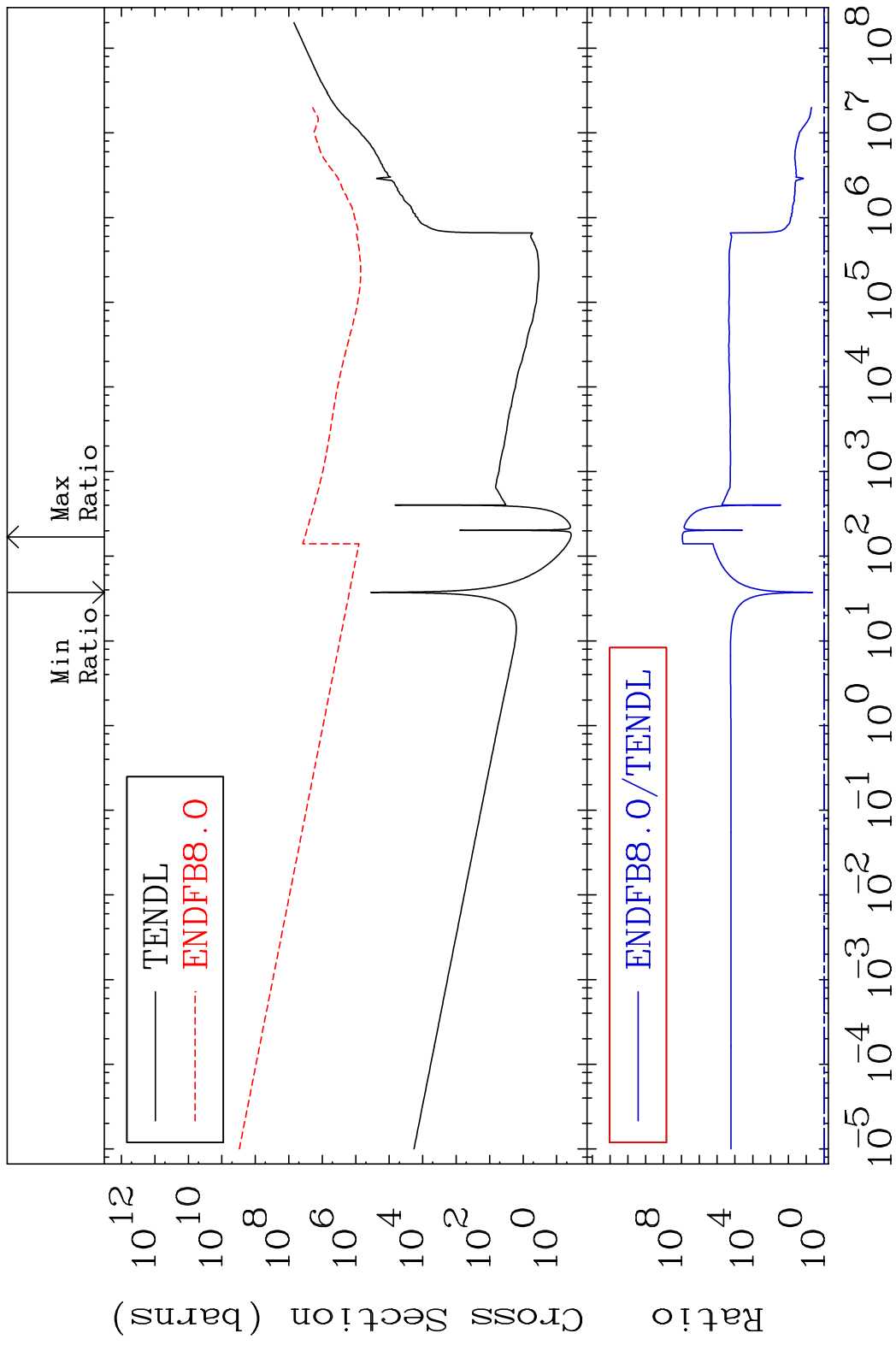


36

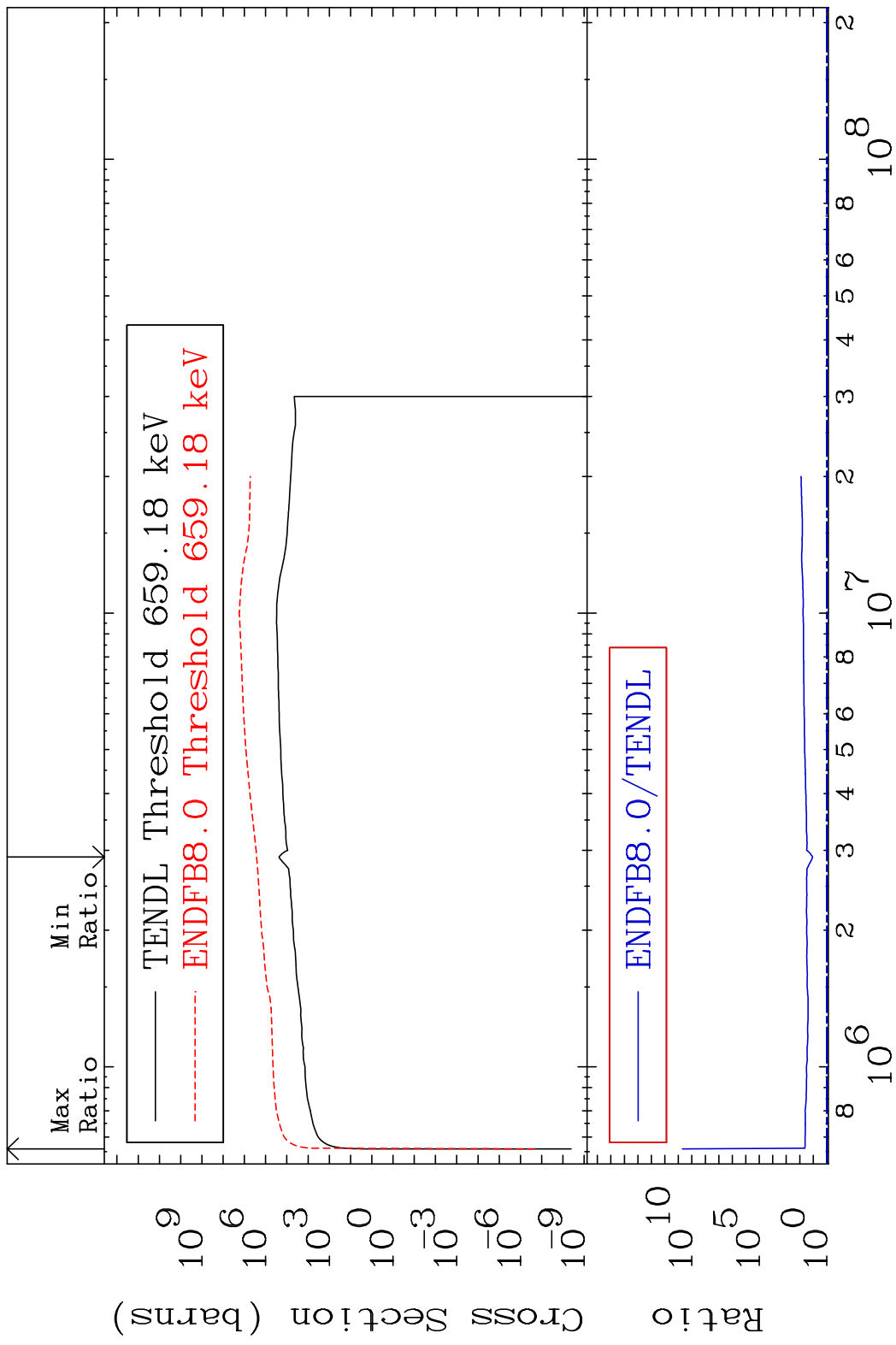
Incident Energy (eV)

44-Ru-98

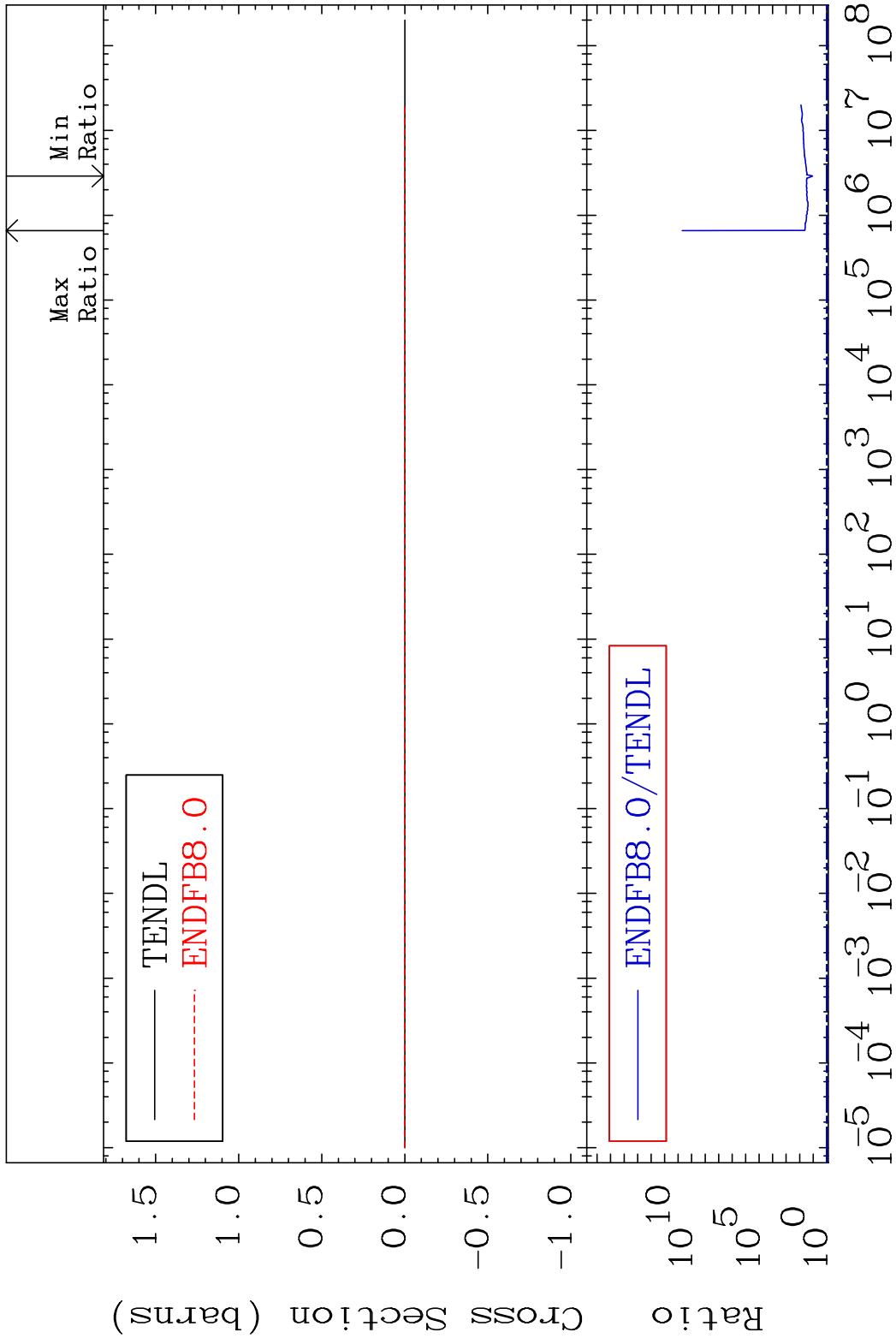
MAT 4431 Kerma non-elastic (all but mt2) 44-Ru-98
 Cross Section 344.7 To 9999. %



MAT 4431 Kerma inelastic (mt51-91) 44-Ru-98
 Cross Section 1025. To 9999. %

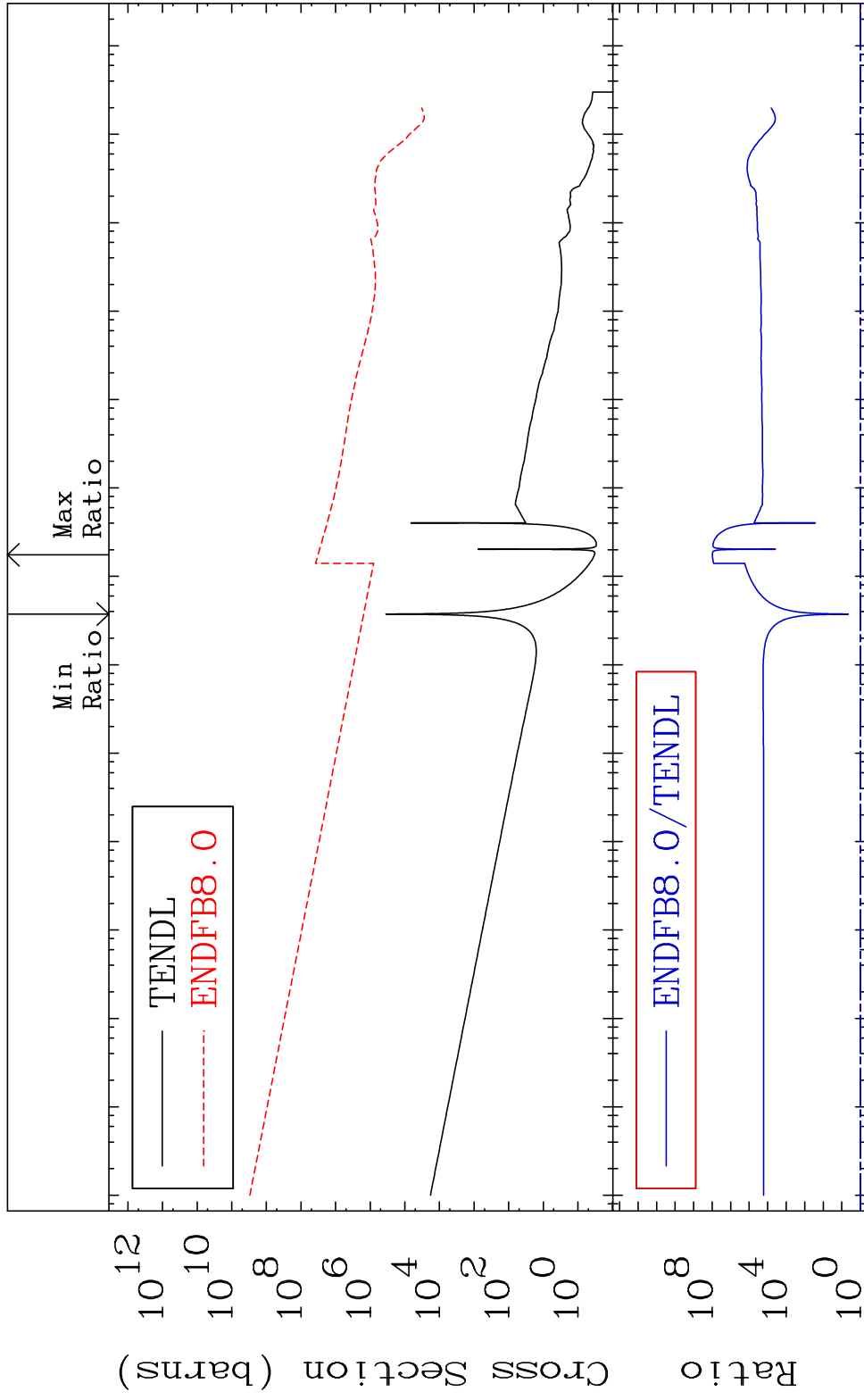


MAT 4431 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-98
 Cross Section 1025. To 9999. %



MAT 4431

Kerma capture (mt102) 44-Ru-98
Cross Section 344.7 To 9999. %

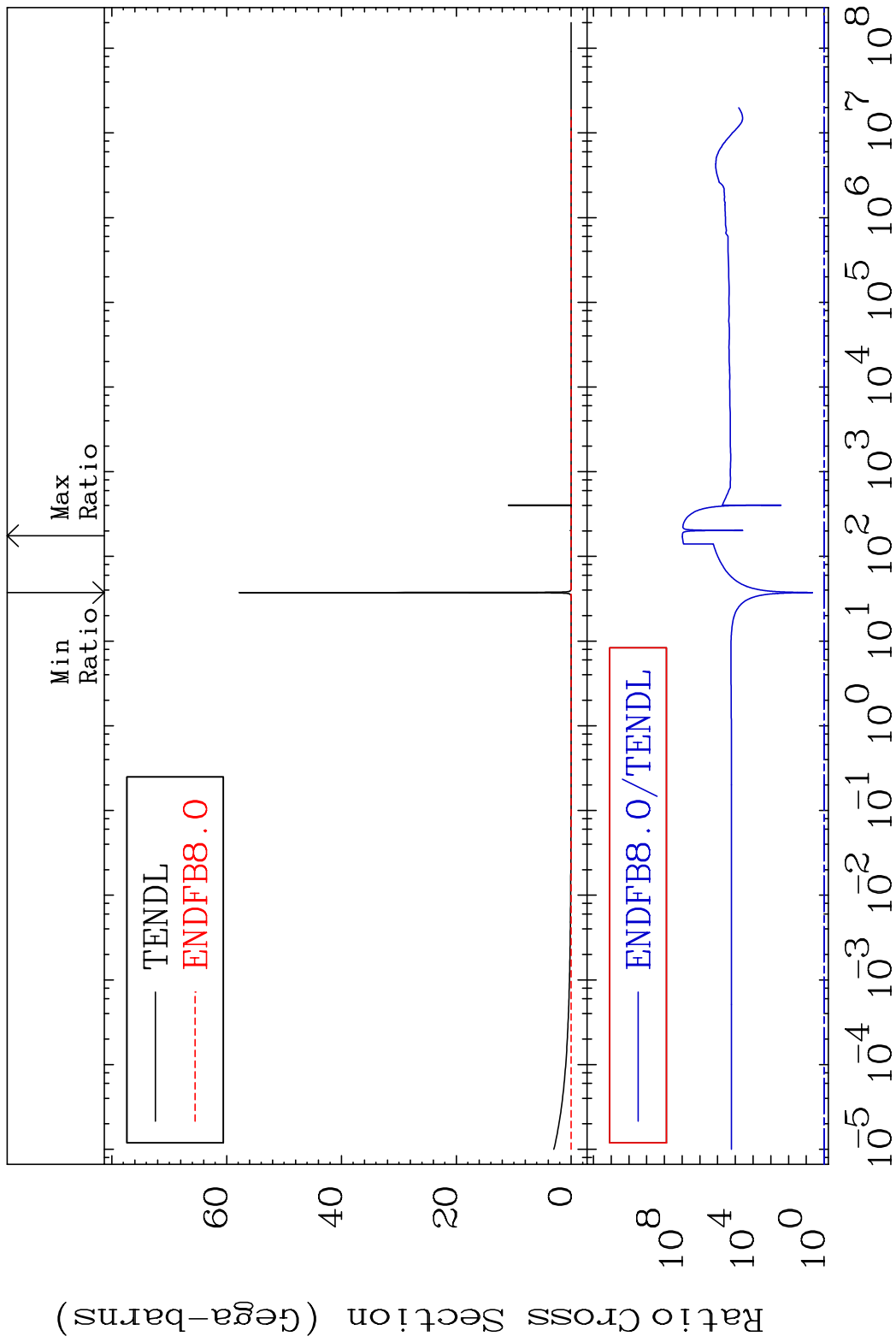


40

Incident Energy (eV)

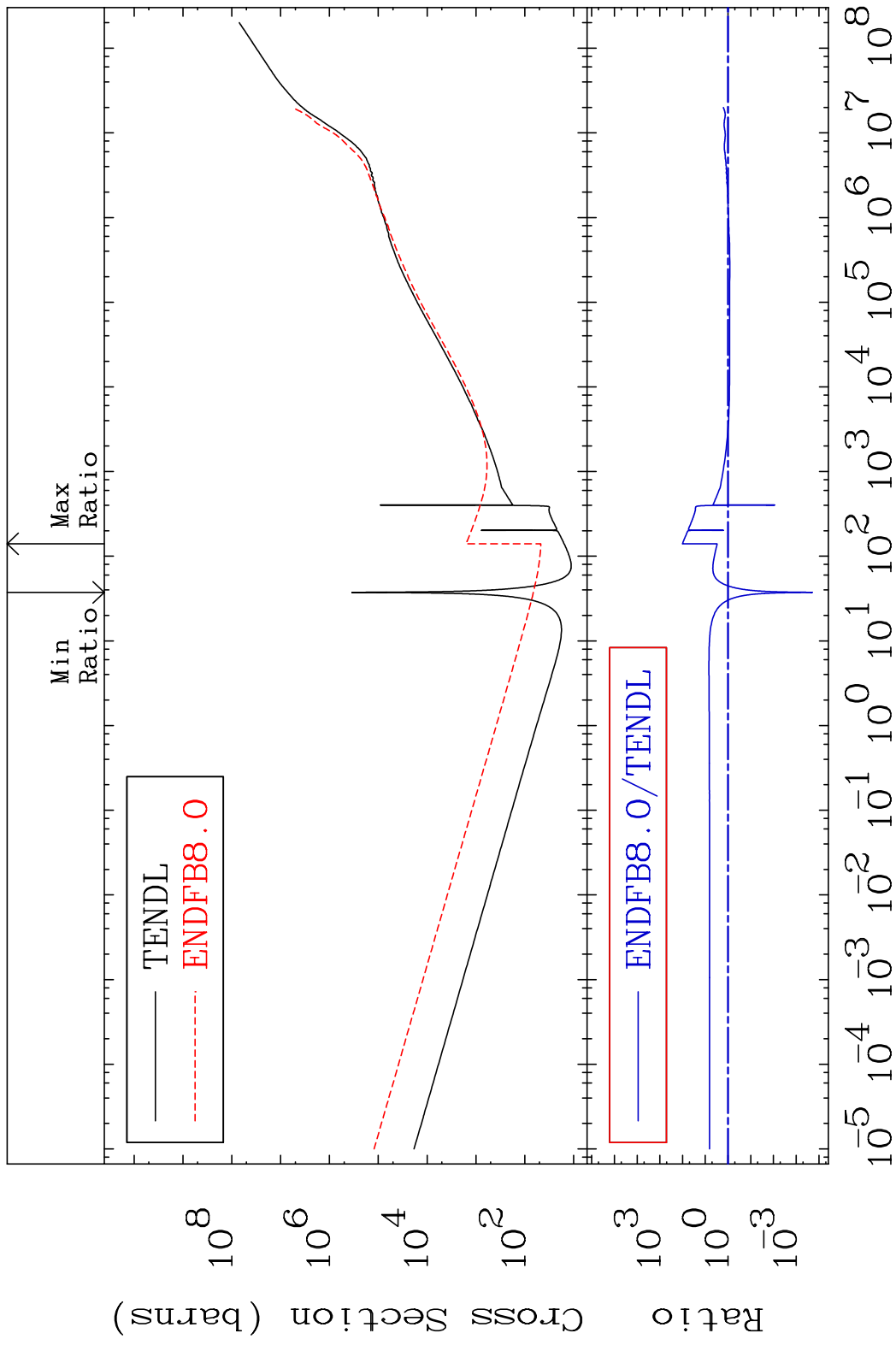
44-Ru-98

MAT 4431 Total photon (eV-barns) 44-Ru-98
 Cross Section 344.7 To 9999. %



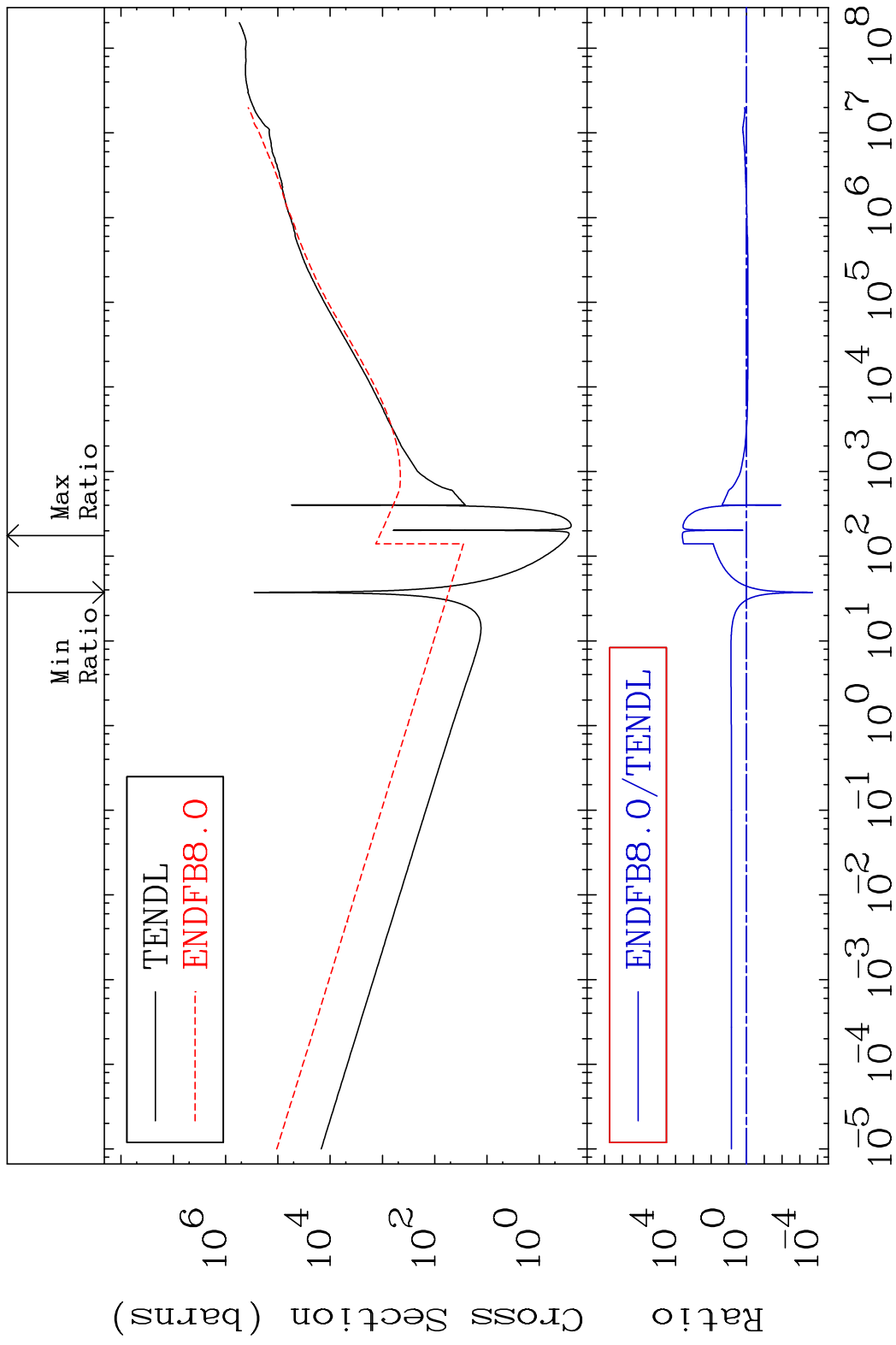
41 Incident Energy (eV) 44-Ru-98

MAT 4431 Total kinematic kerma (high limit) 44-Ru-98
 Cross Section -99.98 To 9999. %



42 Incident Energy (eV) 44-Ru-98

MAT 4431 Dpa total (eV-barns) 44-Ru-98
 Cross Section -99.98 To 9999. %



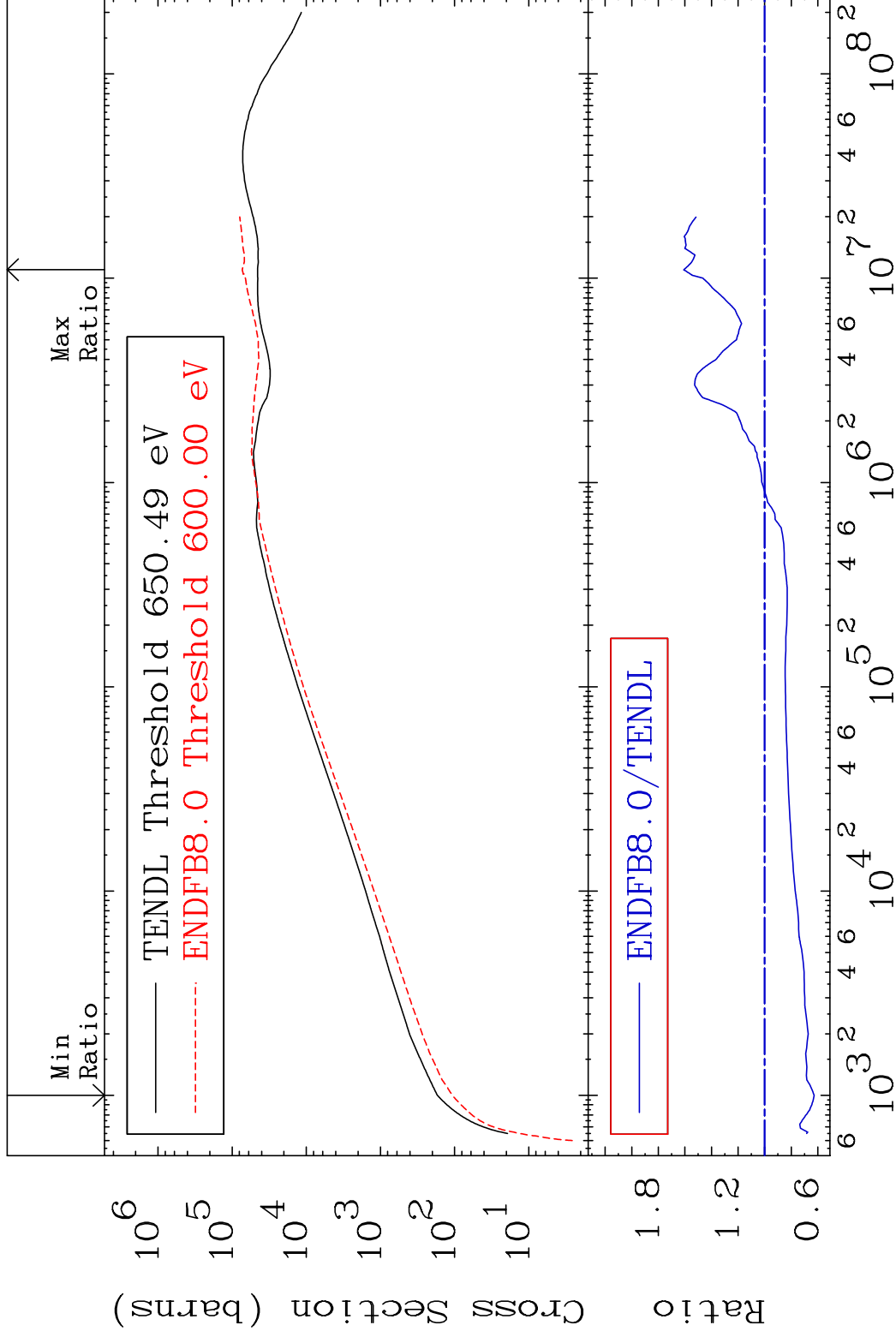
43 Incident Energy (eV) 44-Ru-98

MAT 4431

Dpa elastic (mt2)

44-Ru-98

Cross Section -37.23 To 60.94 %

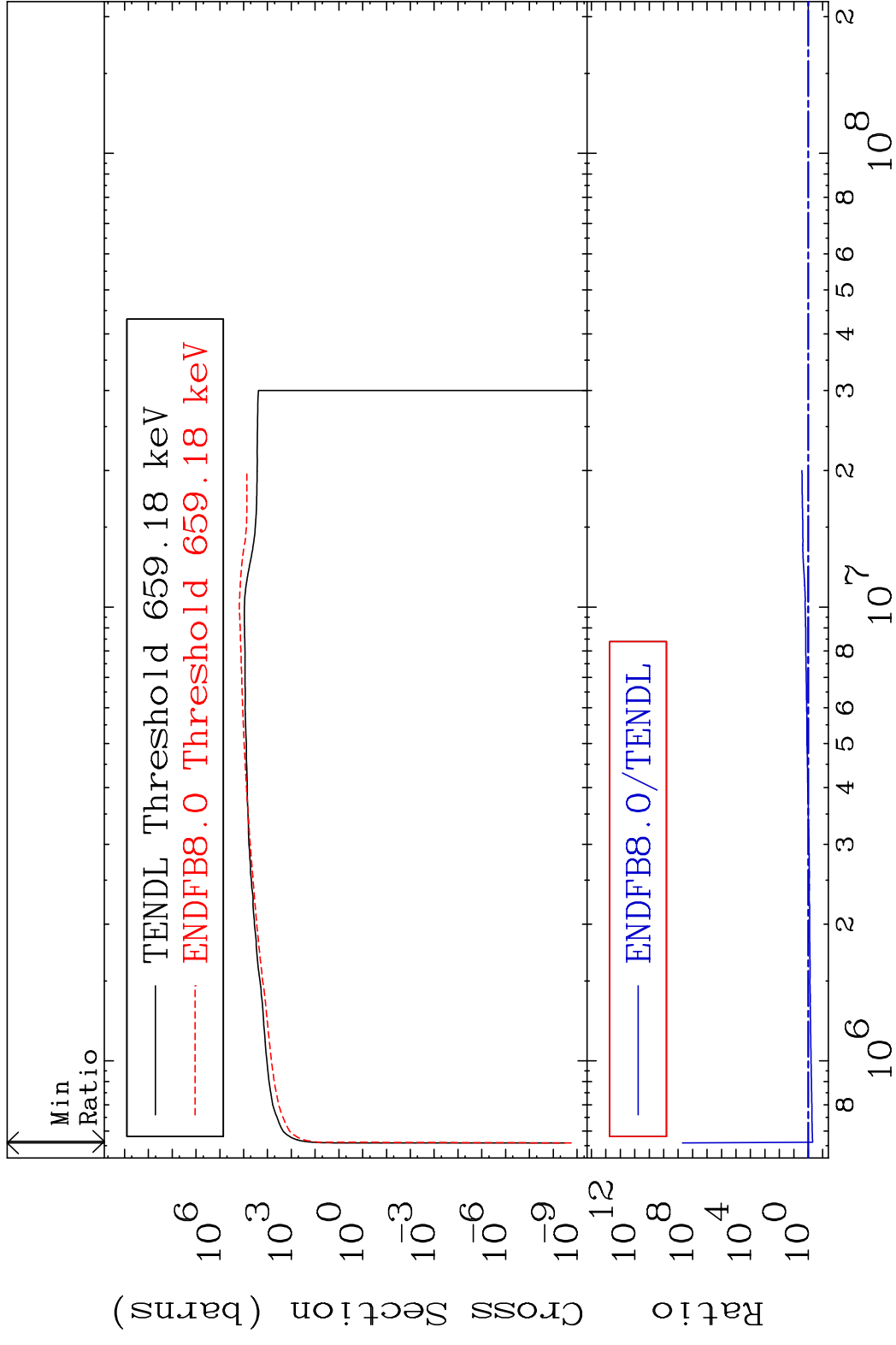


44

Incident Energy (eV)

44-Ru-98

MAT 4431 Dpa inelastic (mt51-91) 44-Ru-98
 Cross Section -49.47 To 9999. %



MAT 4431 Dpa disappearance (mt102 -120) 44-Ru-98
 Cross Section -99.98 To 9999. %

