

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

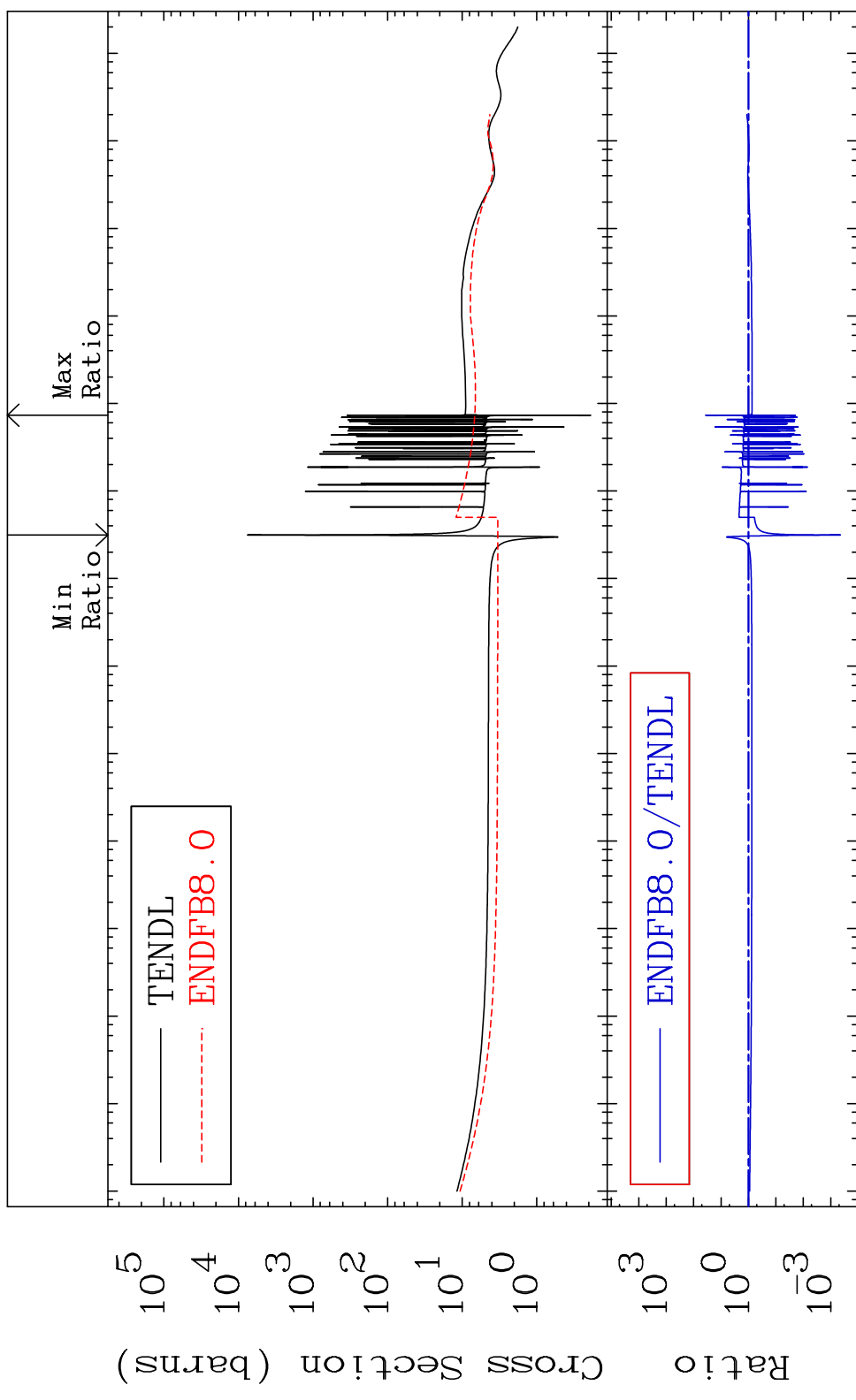
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4455

Total Cross Section -99.96 To 3499. %
44-Ru-106



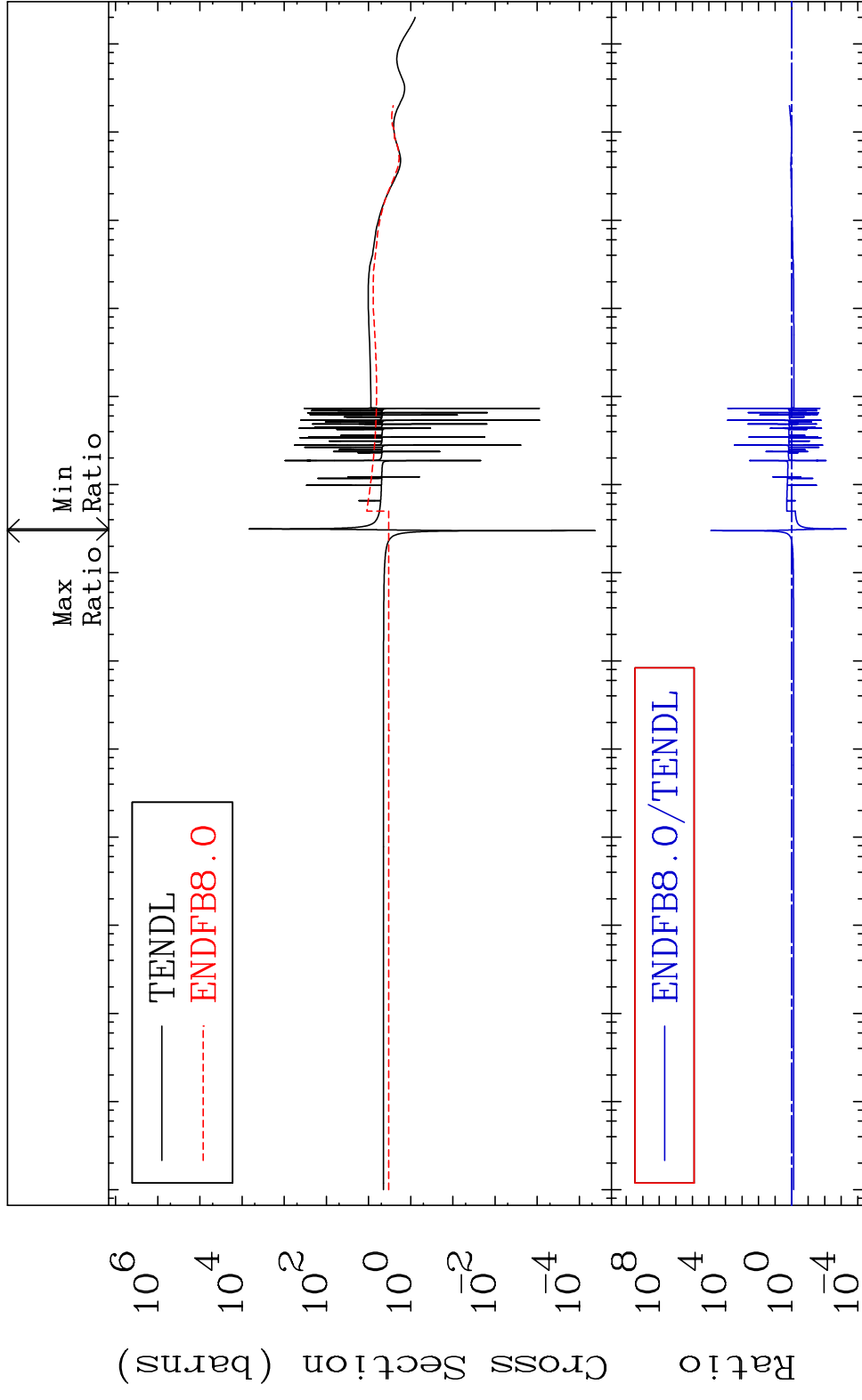
1 Incident Energy (eV) 44-Ru-106

MAT 4455

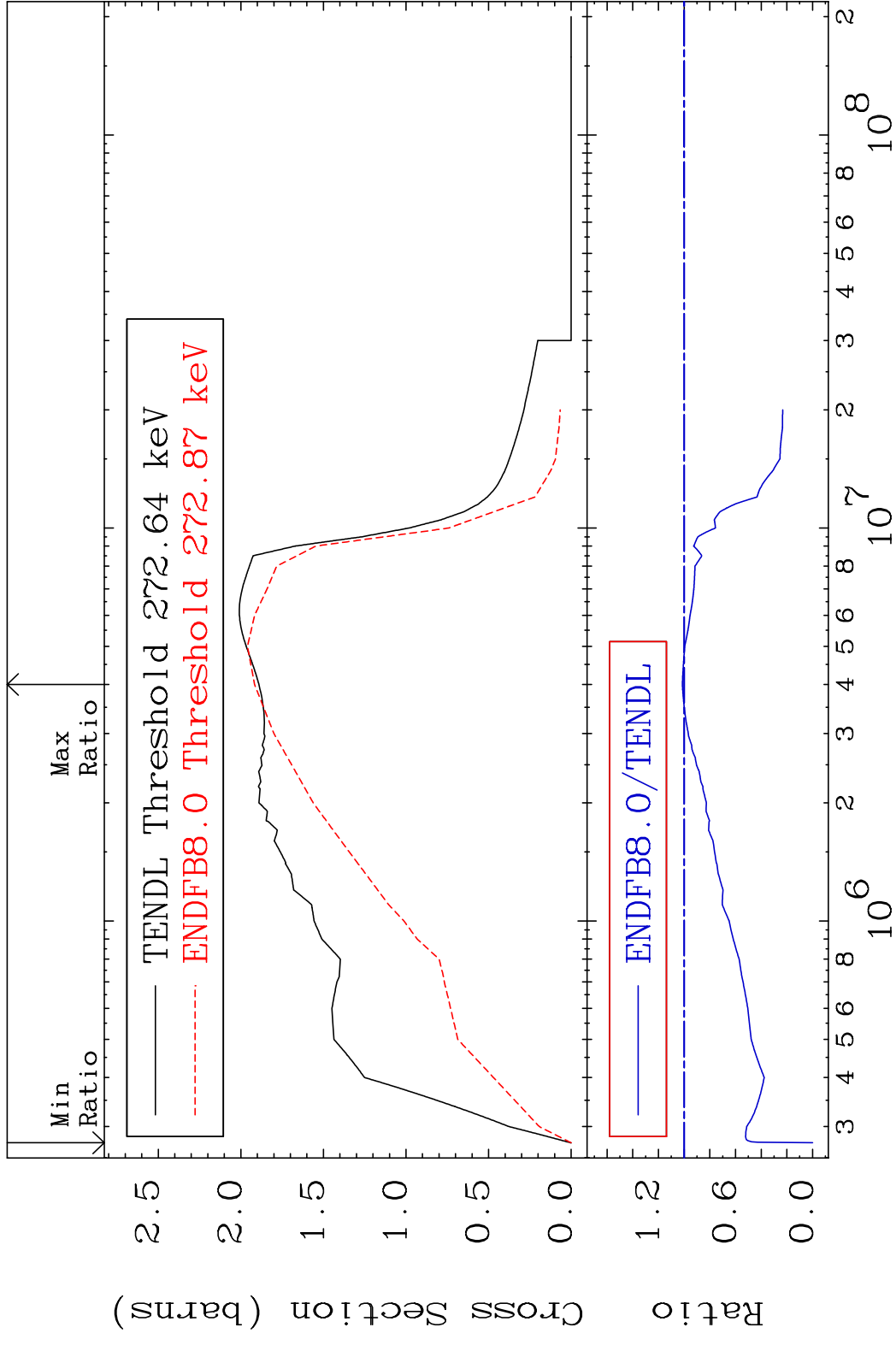
Elastic

44-Ru-106

Cross Section -99.95 To 9999. %



MAT 4455 Inelastic 44-Ru-106
 Cross Section -100.0 To 1.392 %

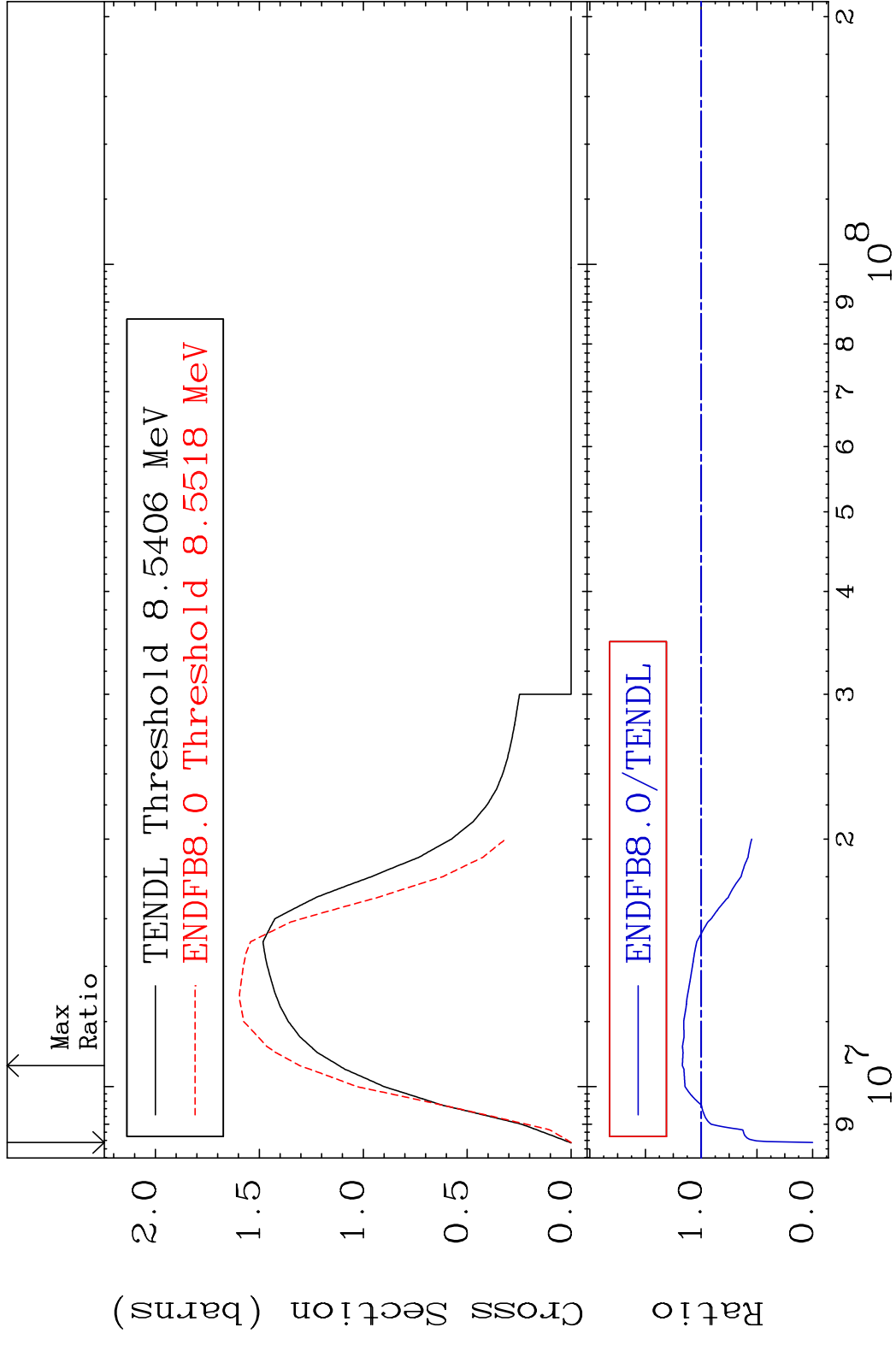


MAT 4455

(n,2n)

44-Ru-106

Cross Section -100.0 To 16.92 %



4

Incident Energy (eV)

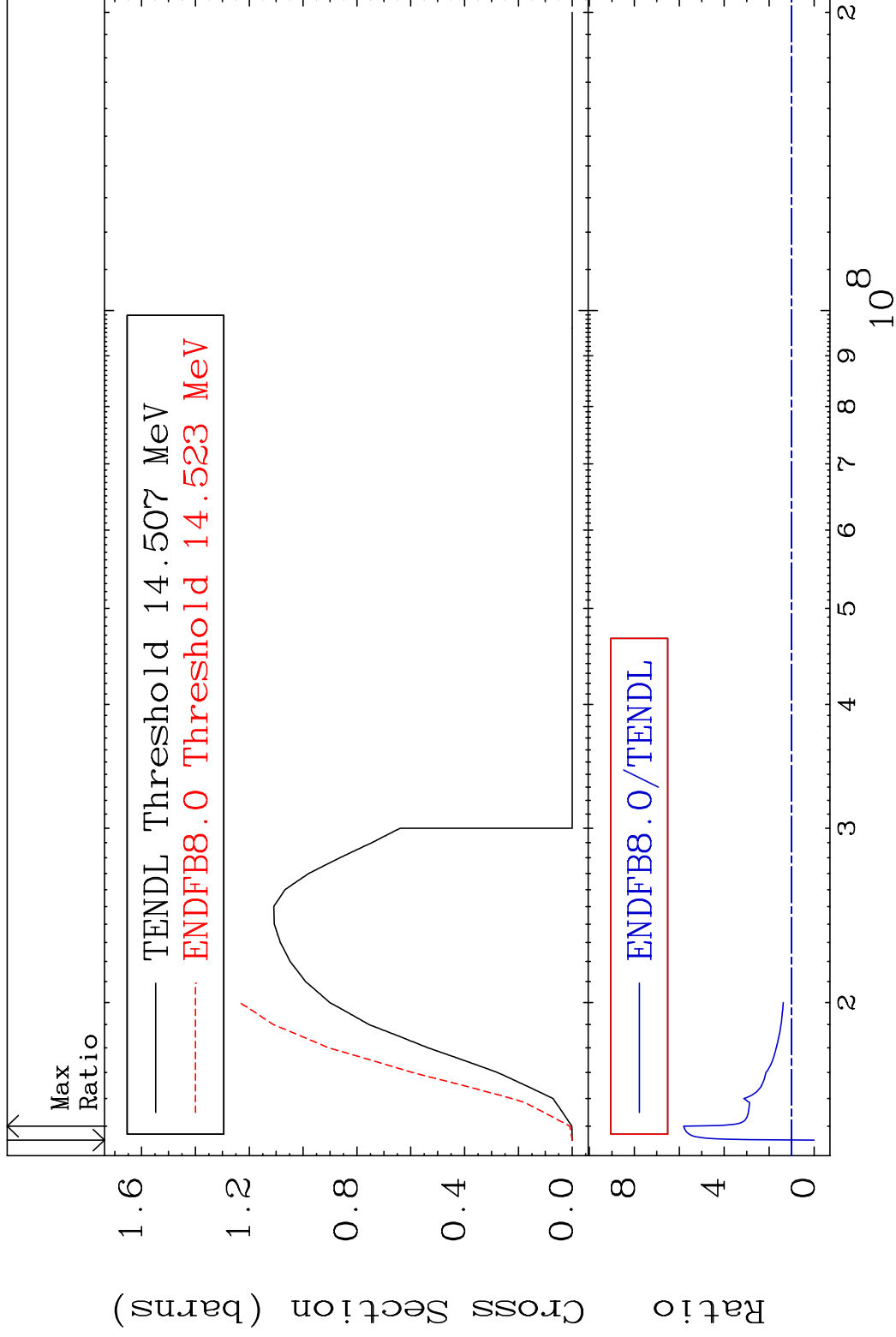
44-Ru-106

MAT 4455

(n,3n)

44-Ru-106

Cross Section -100.0 To 480.4 %



5

Incident Energy (eV)

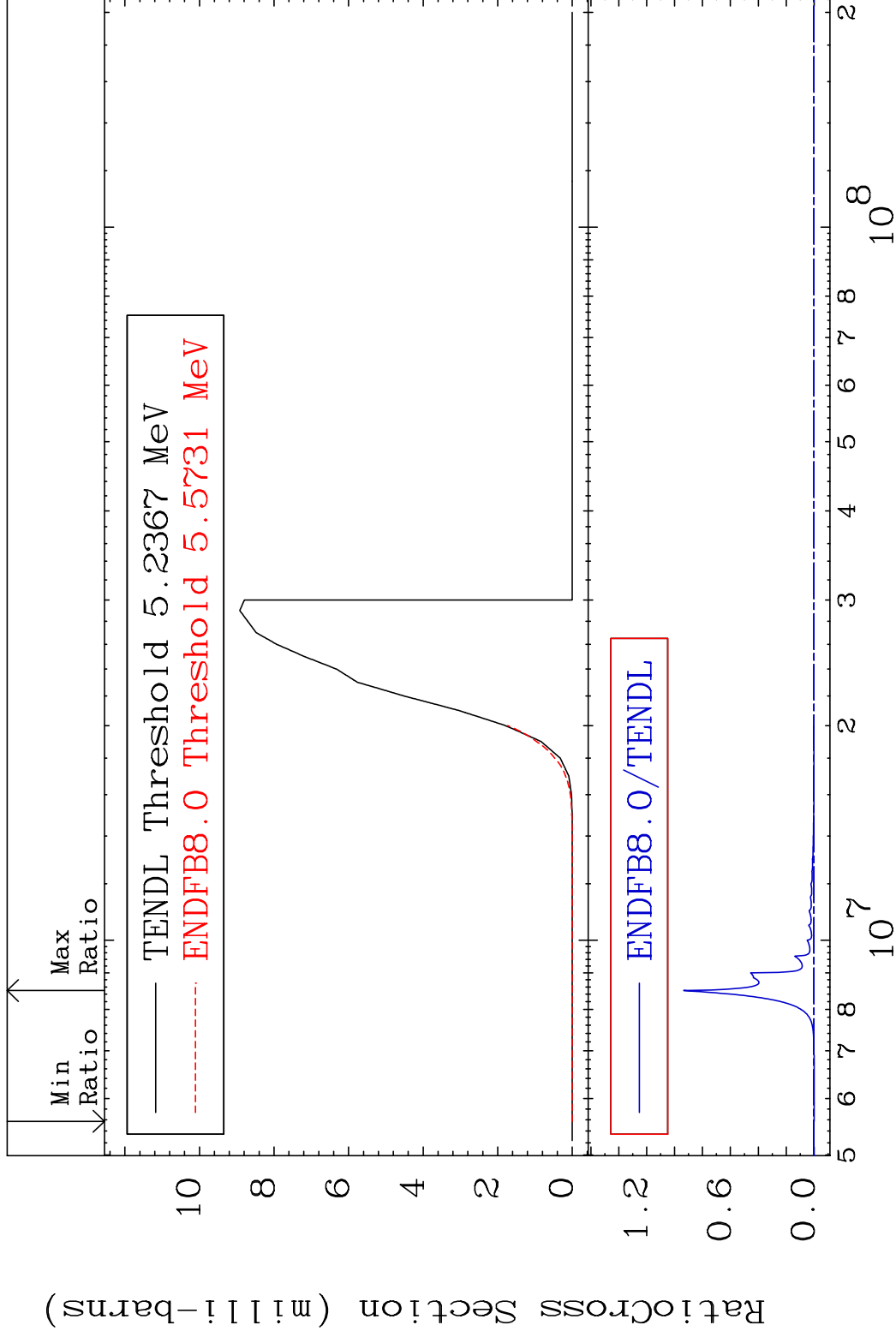
44-Ru-106

MAT 4455

(n, n') α

44-Ru-106

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

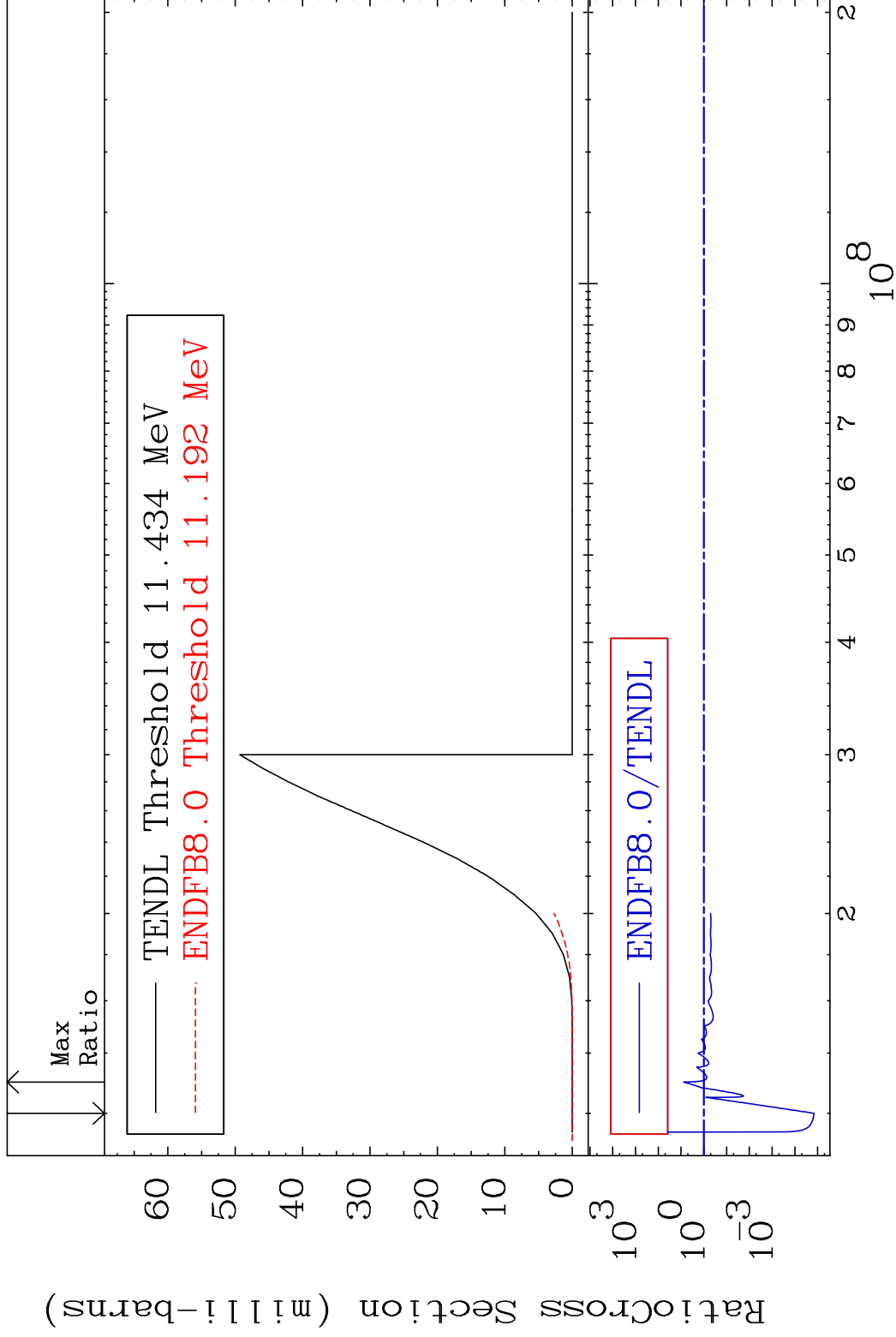
44-Ru-106

MAT 4455

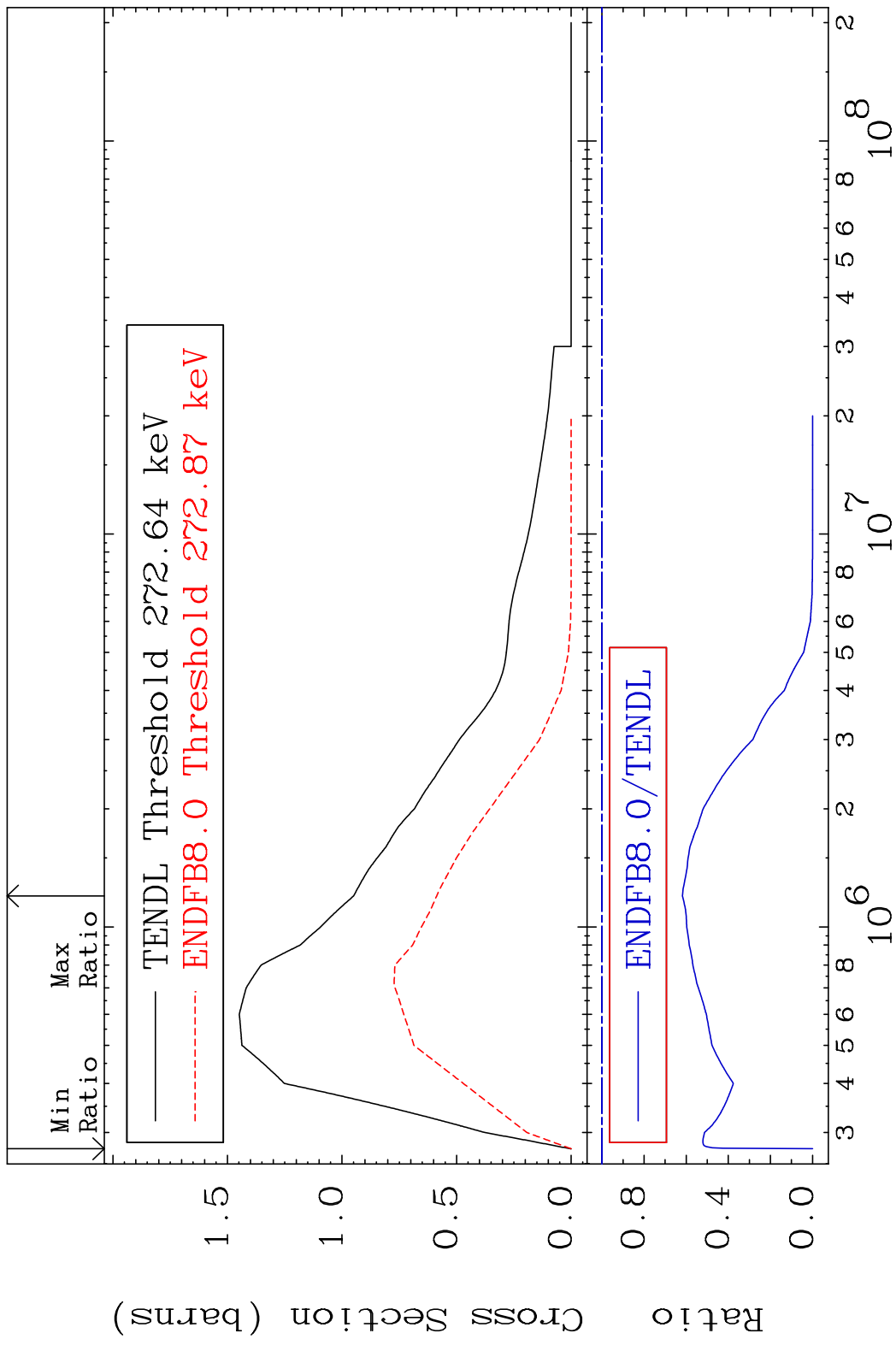
(n, n') p

44-Ru-106

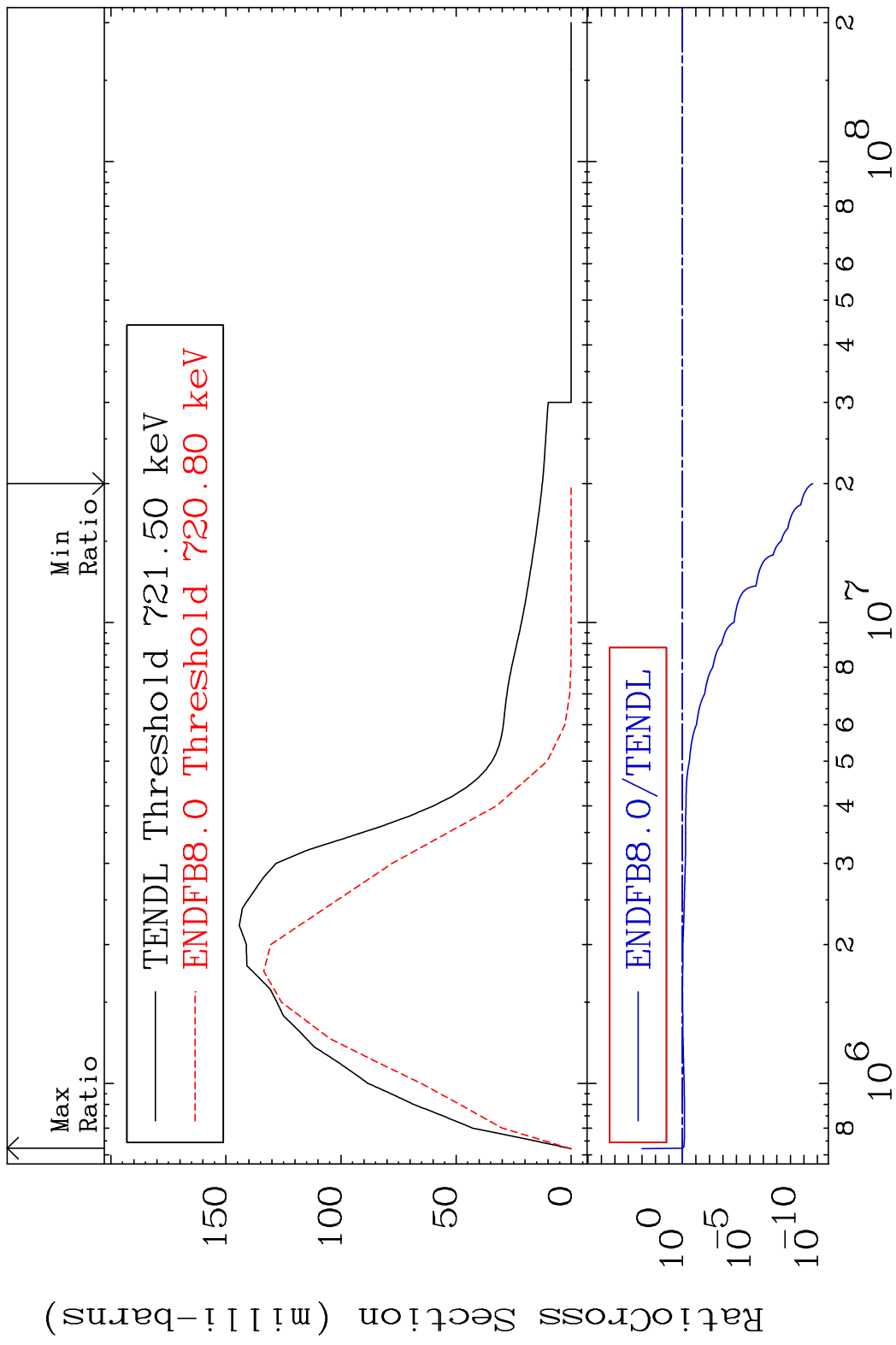
Cross Section -100.0 To 667.4 %



MAT 4455 MT= 51 (n,n') Level 44-Ru-106
 Cross Section -100.0 To -38.18%

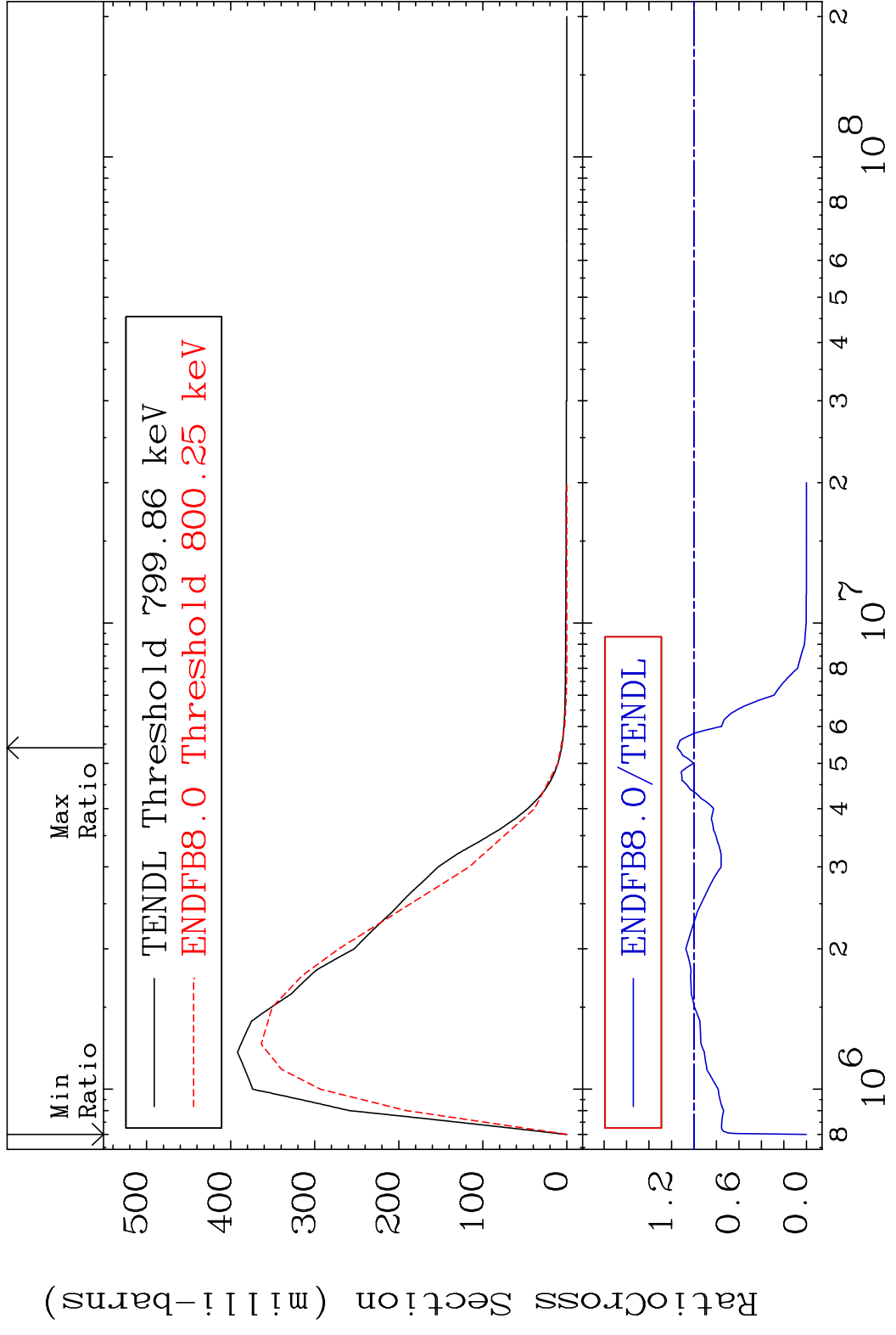


MAT 4455 MT= 52 (n, n') Level 44-Ru-106
 Cross Section -100.0 To 1.223 %



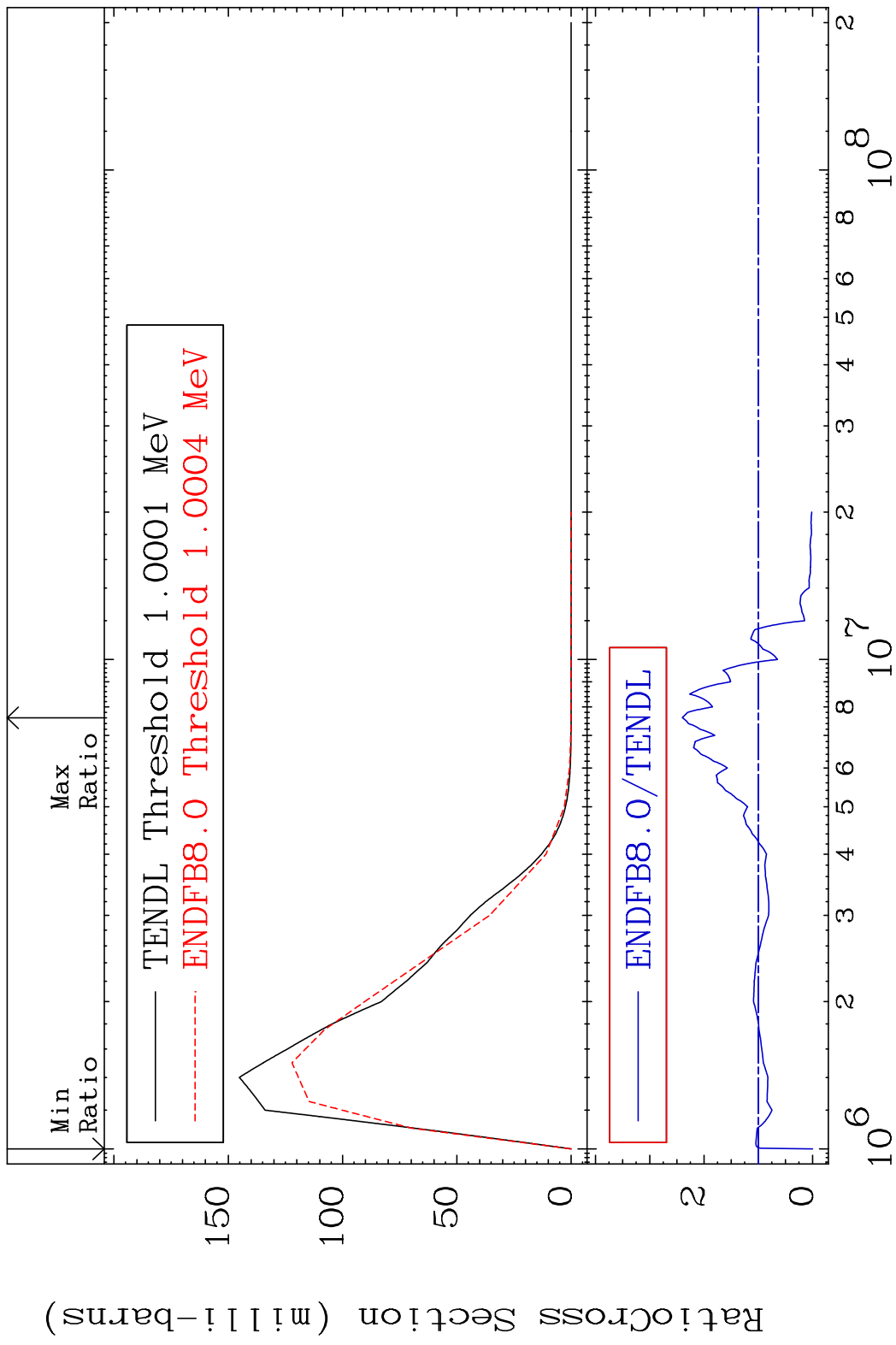
9 44-Ru-106

MAT 4455 MT= 53 (n, n') Level 44-Ru-106
 Cross Section -100.0 To 14.96 %



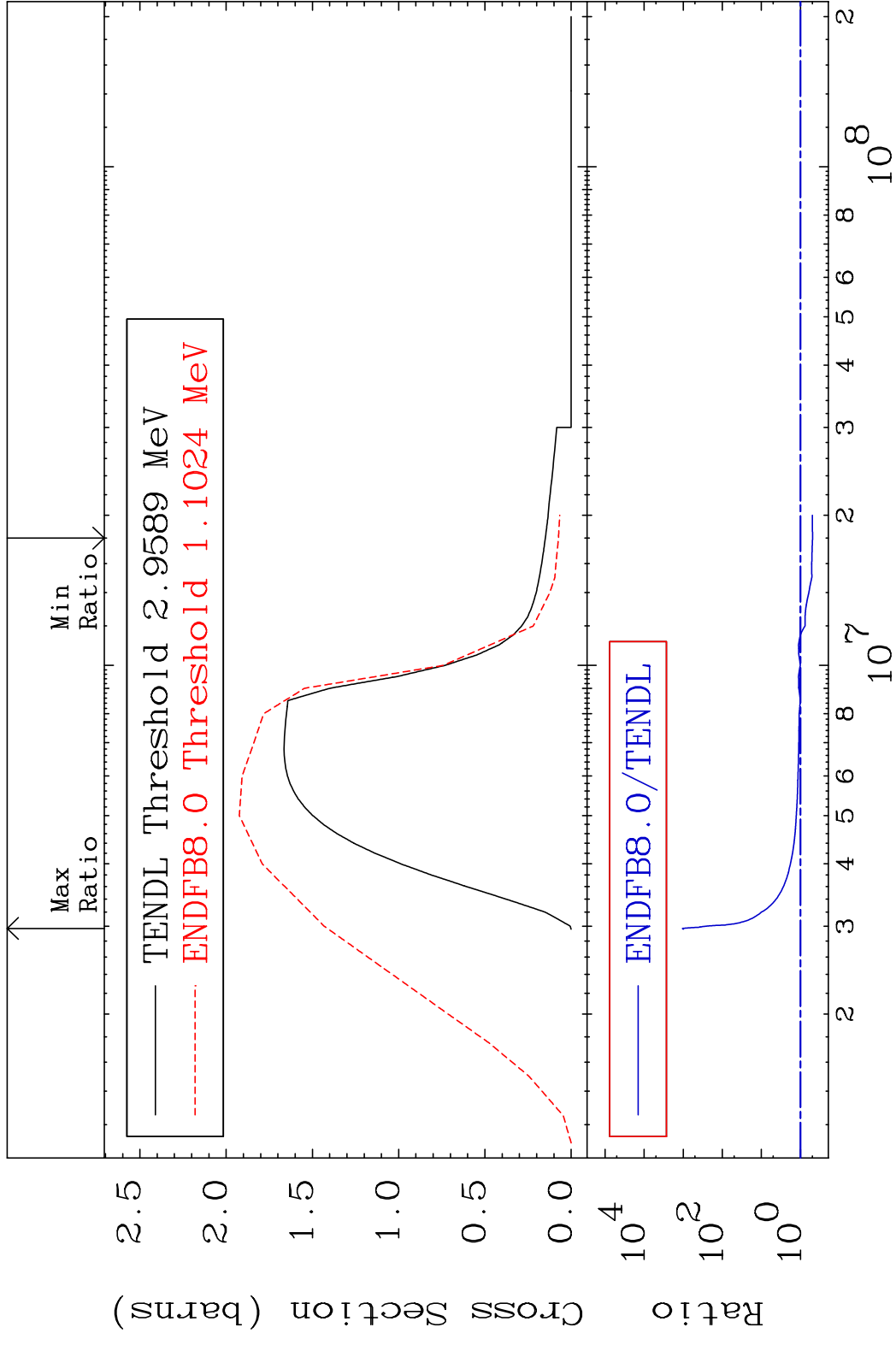
10 8 6 4 2 10 7 8 6 4 2 44-Ru-106

MAT 4455 MT= 54 (n, n') Level 44-Ru-106
 Cross Section -100.0 To 139.9 %



11 Incident Energy (eV) 44-Ru-106

MAT 4455 (n, n') Continuum 44-Ru-106
 Cross Section -50.81 To 9999. %

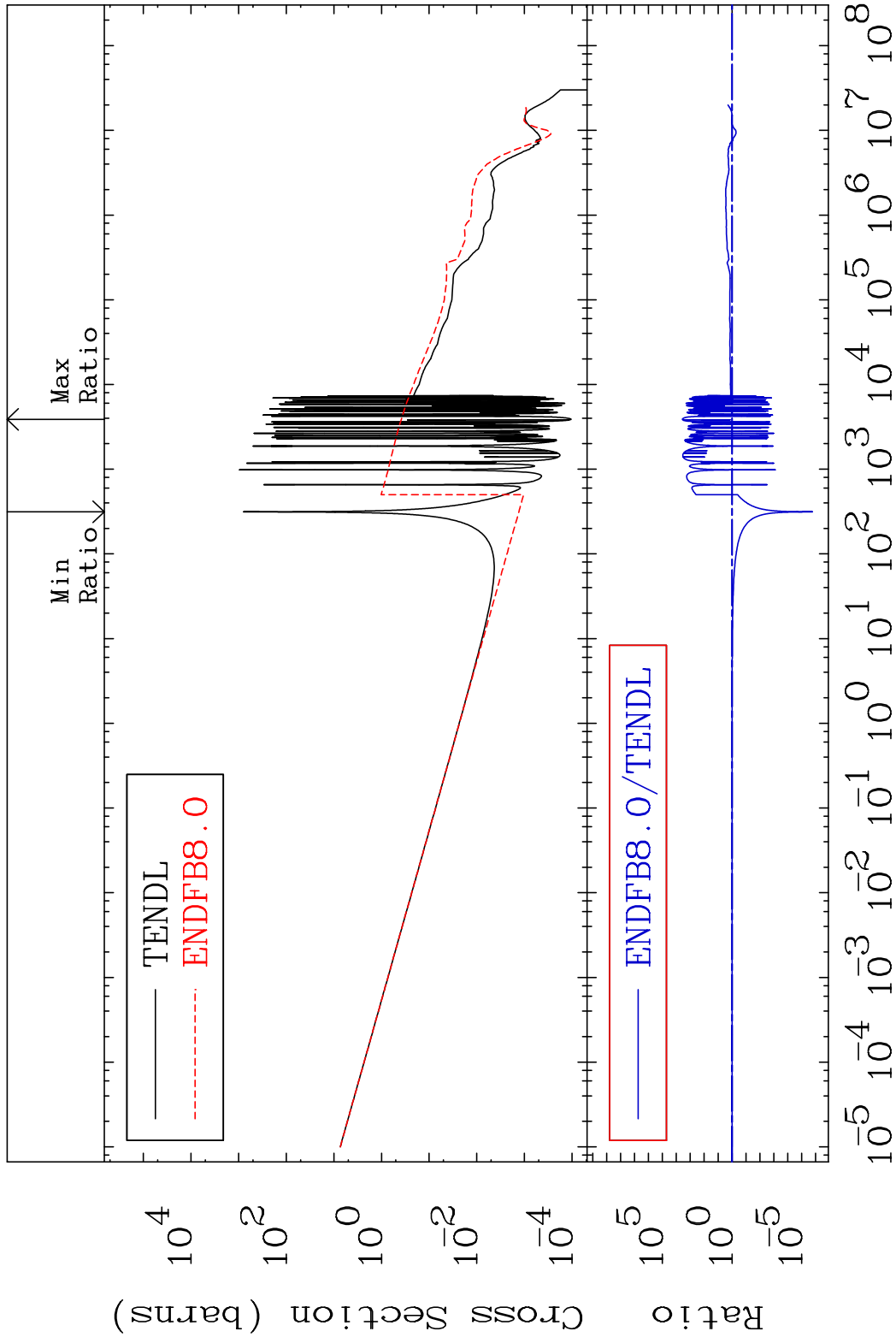


MAT 4455

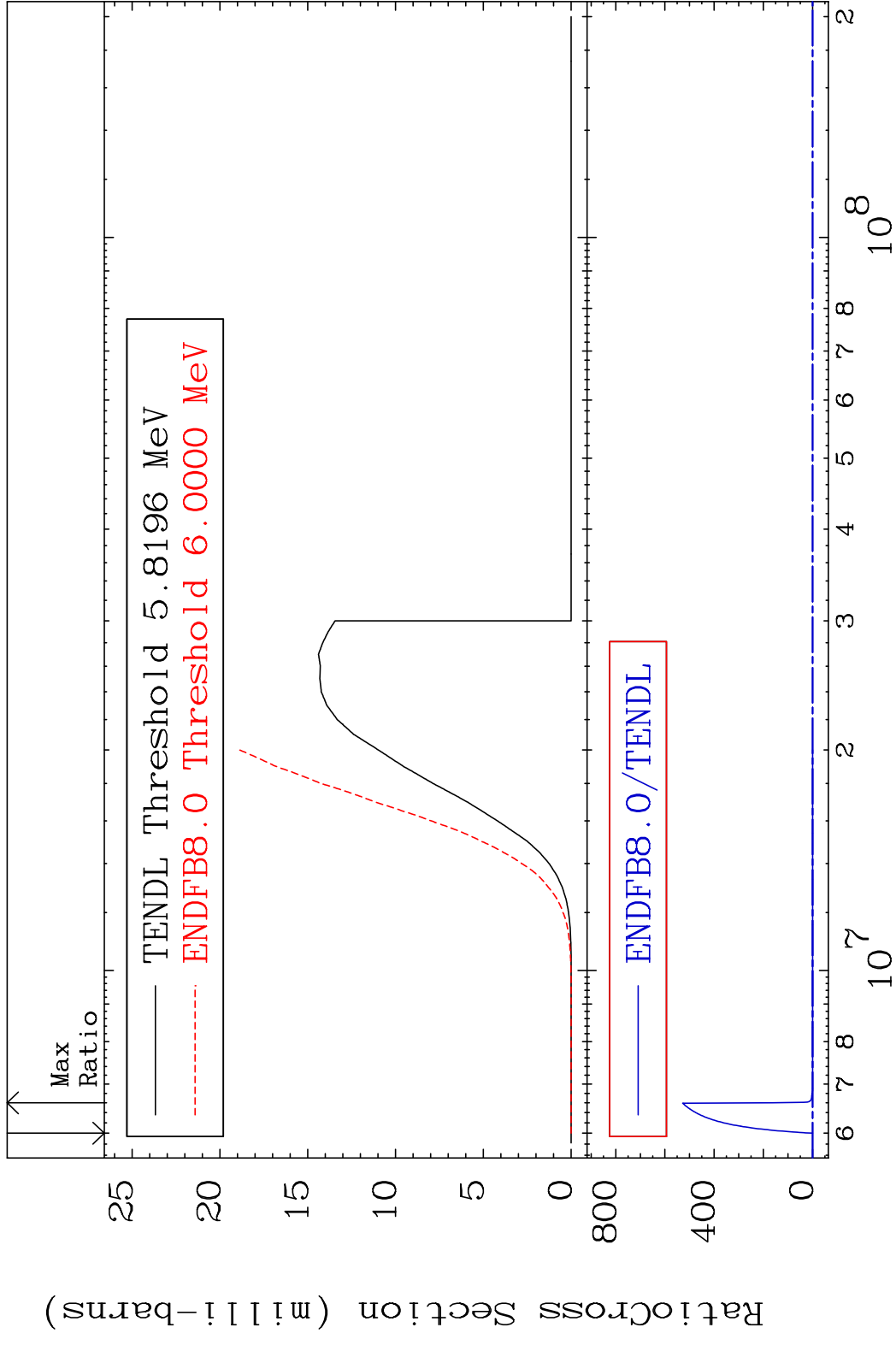
(n, γ)

44-Ru-106

Cross Section -100.0 To 9999. %



MAT 4455 (n,p) 44-Ru-106
 Cross Section -100.0 To 9999. %

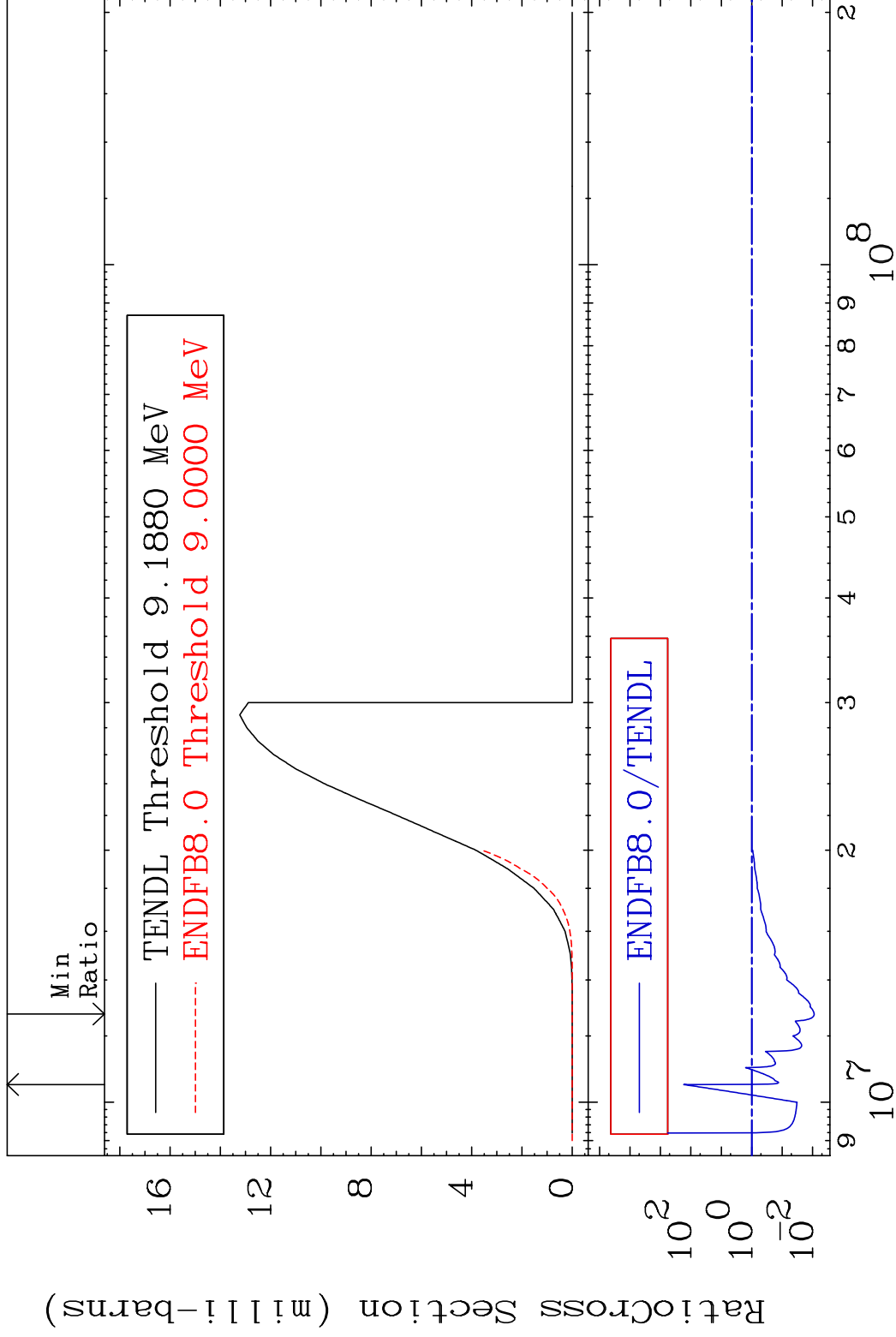


MAT 4455

(n,d)

44-Ru-106

Cross Section -99.10 To 9999. %

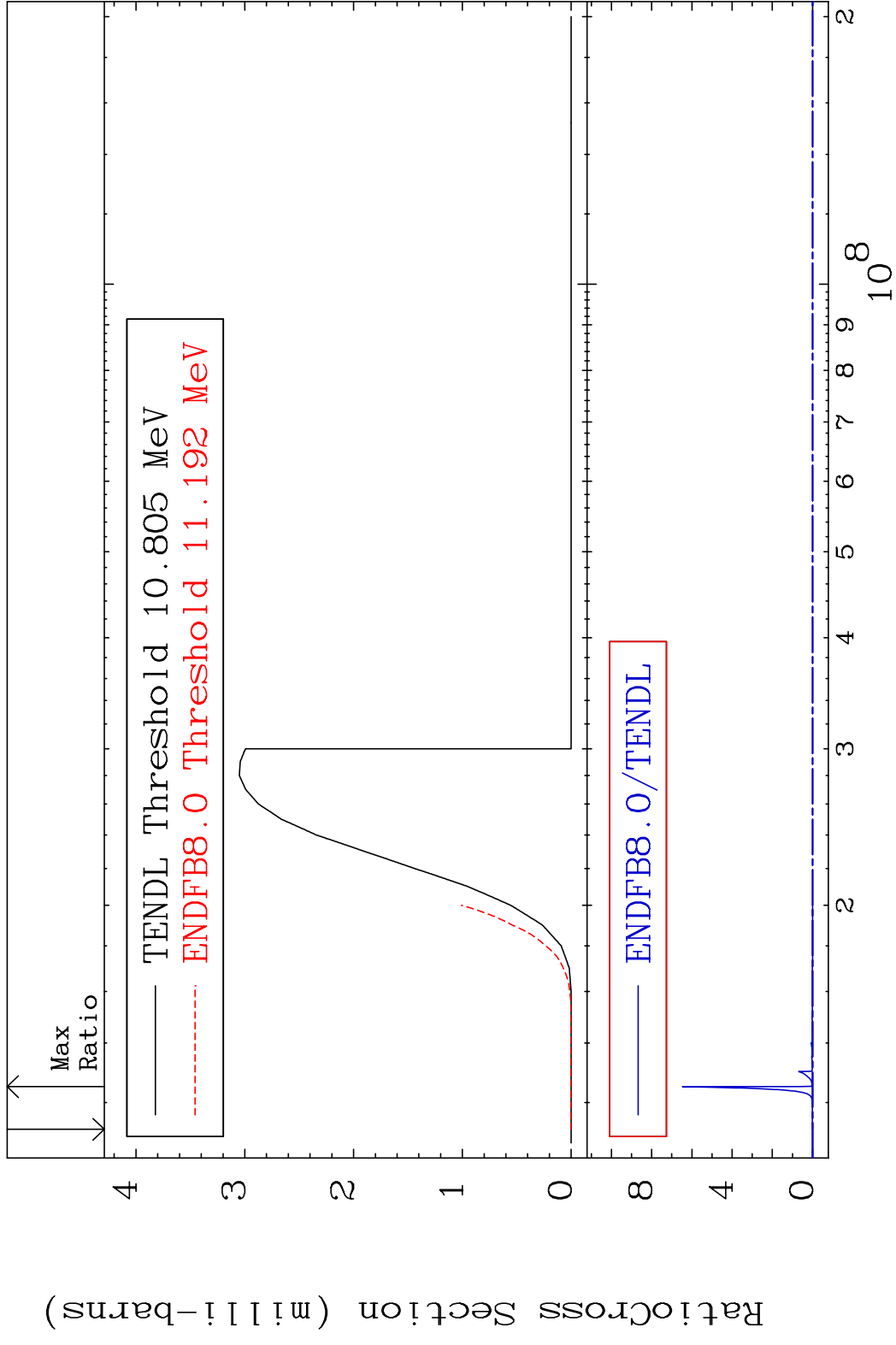


15

Incident Energy (eV)

44-Ru-106

MAT 4455 (n, t) 44-Ru-106
 Cross Section -100.0 To 9999. %

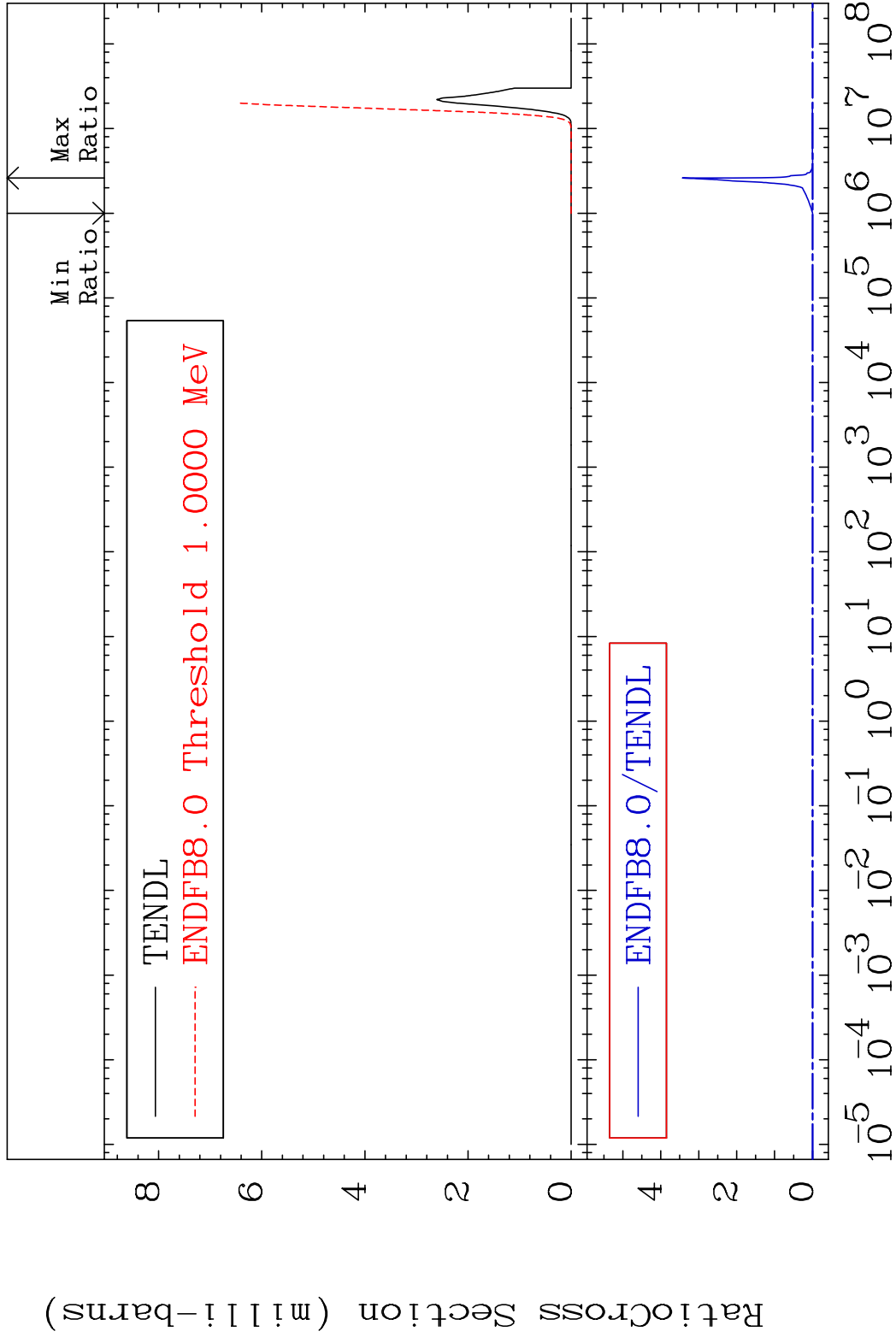


MAT 4455

(n, α)

44-Ru-106

Cross Section -100.0 To 9999. %

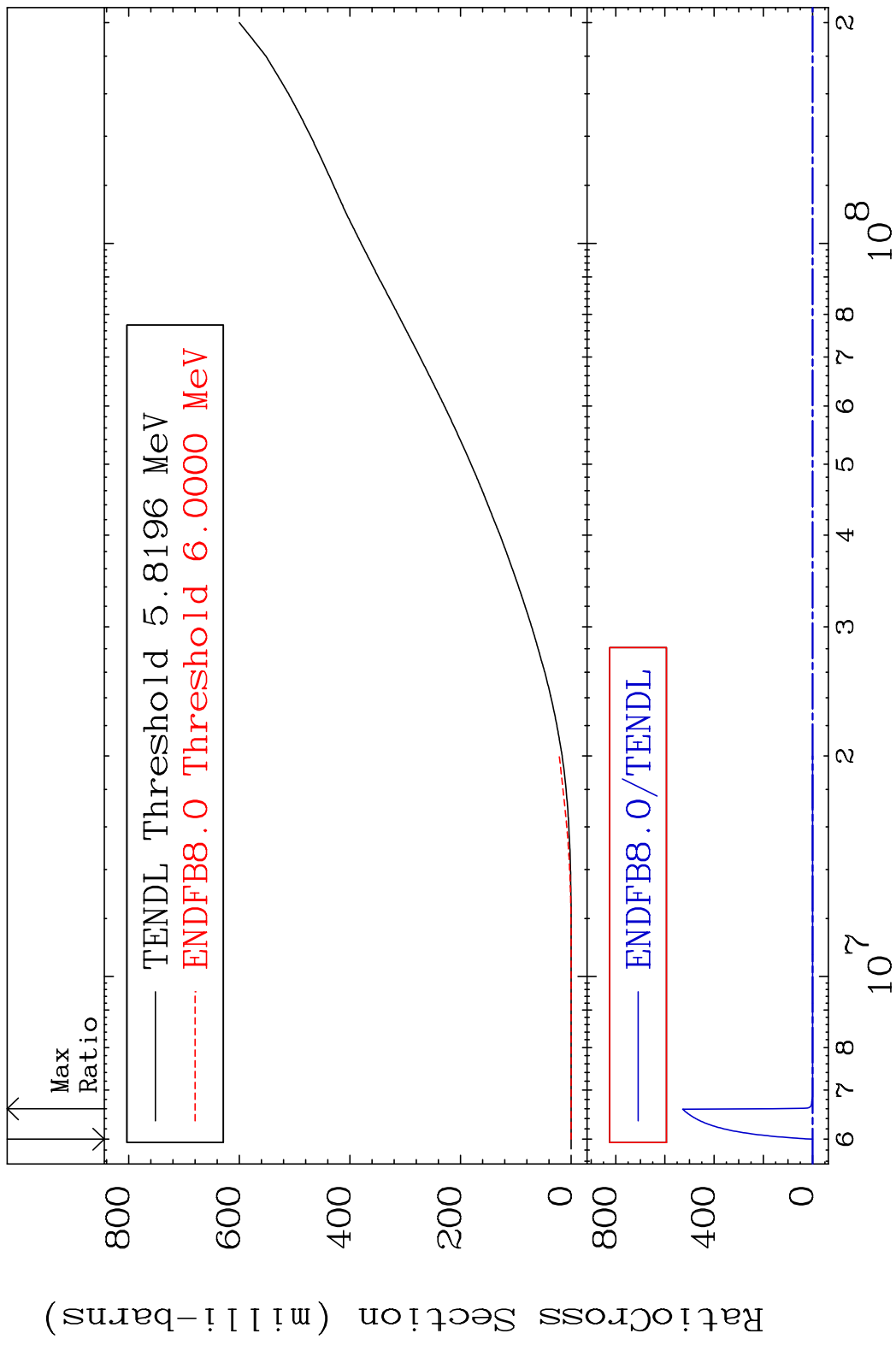


17

Incident Energy (eV)

44-Ru-106

MAT 4455 Hydrogen Production 44-Ru-106
 Cross Section -100.0 To 9999. %



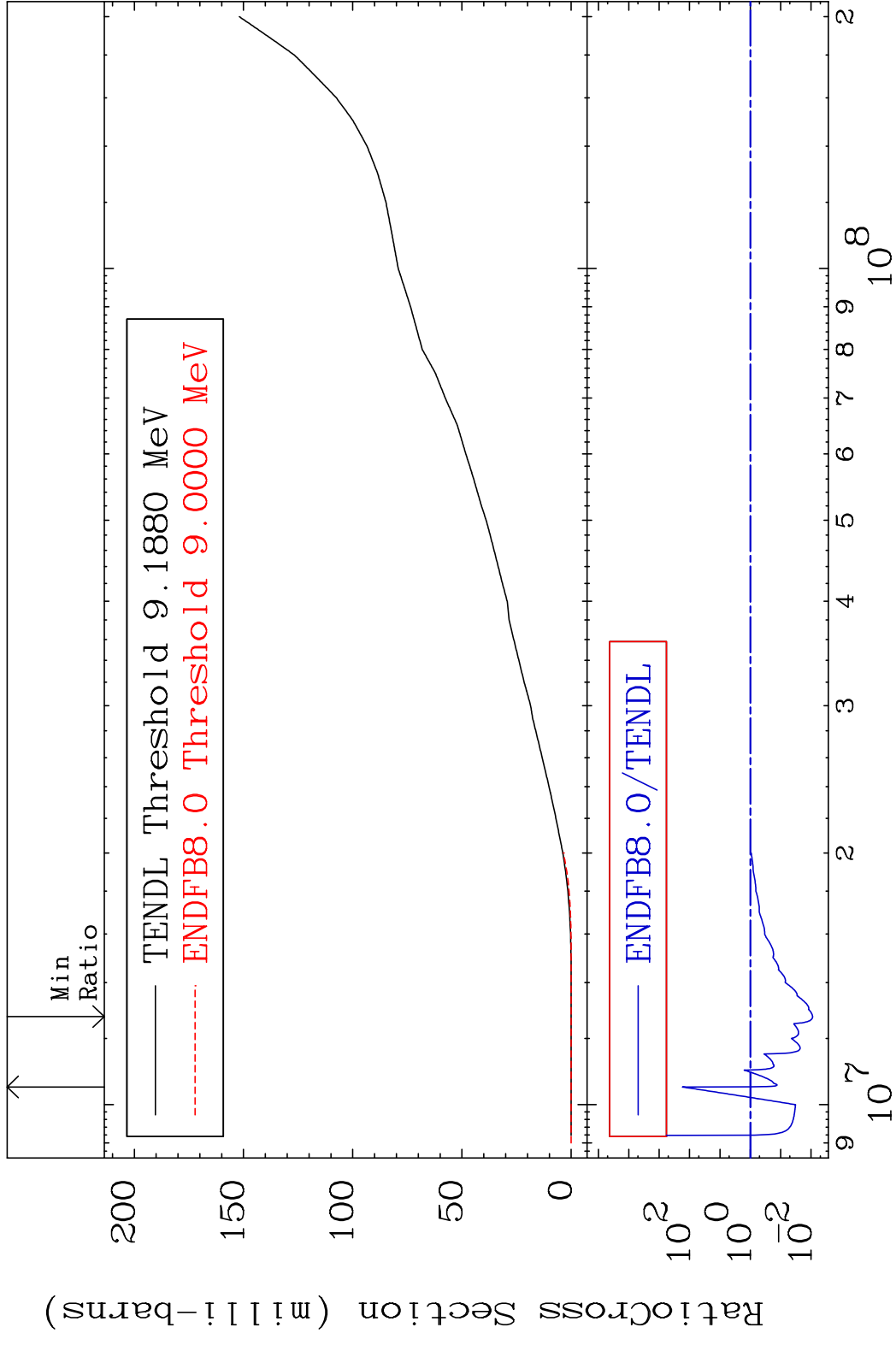
18 44-Ru-106

MAT 4455

Deuterium Production

44-Ru-106

Cross Section -99.10 To 9999. %

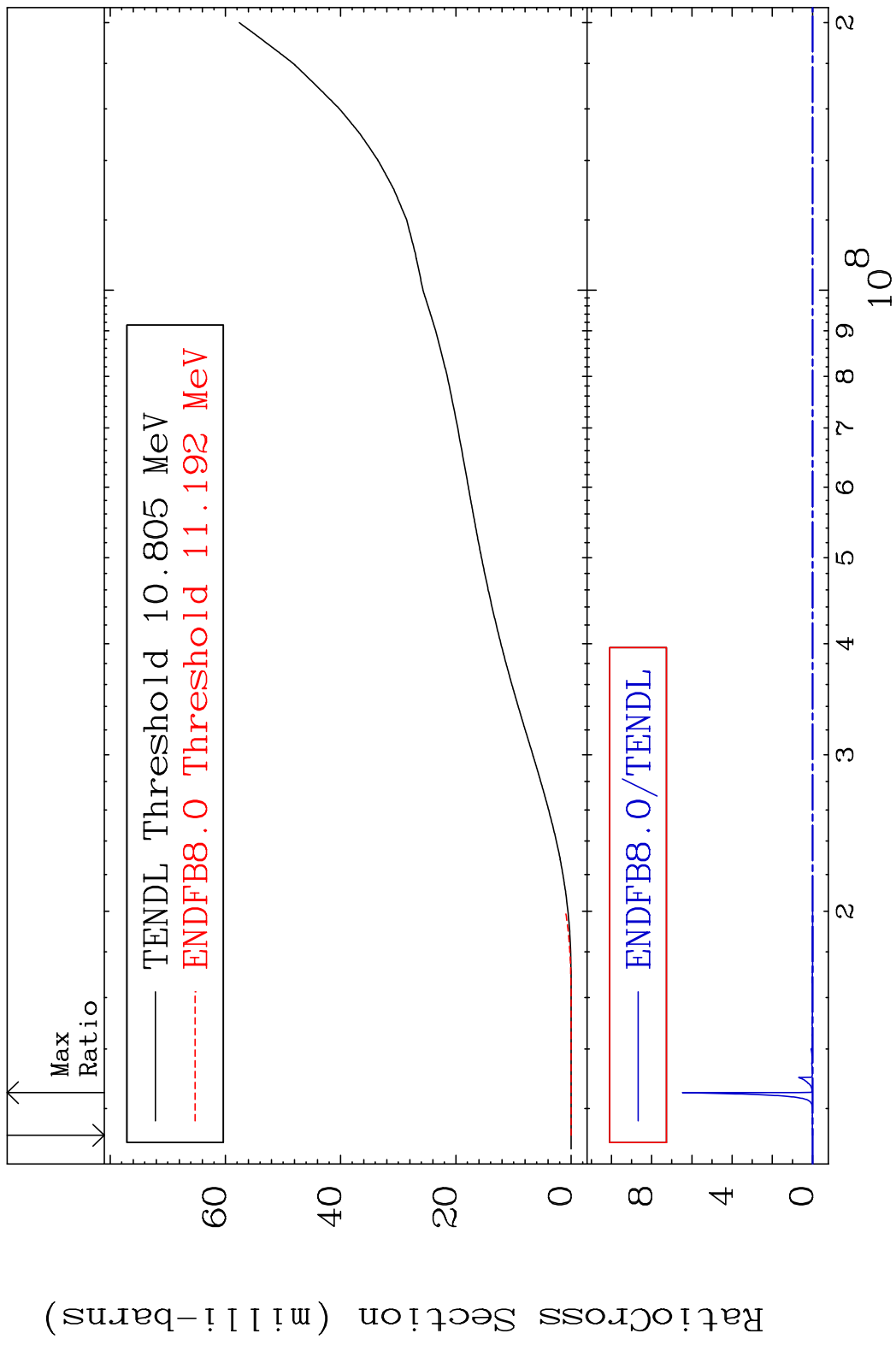


19

Incident Energy (eV)

44-Ru-106

MAT 4455 Tritium Production 44-Ru-106
 Cross Section -100.0 To 9999. %



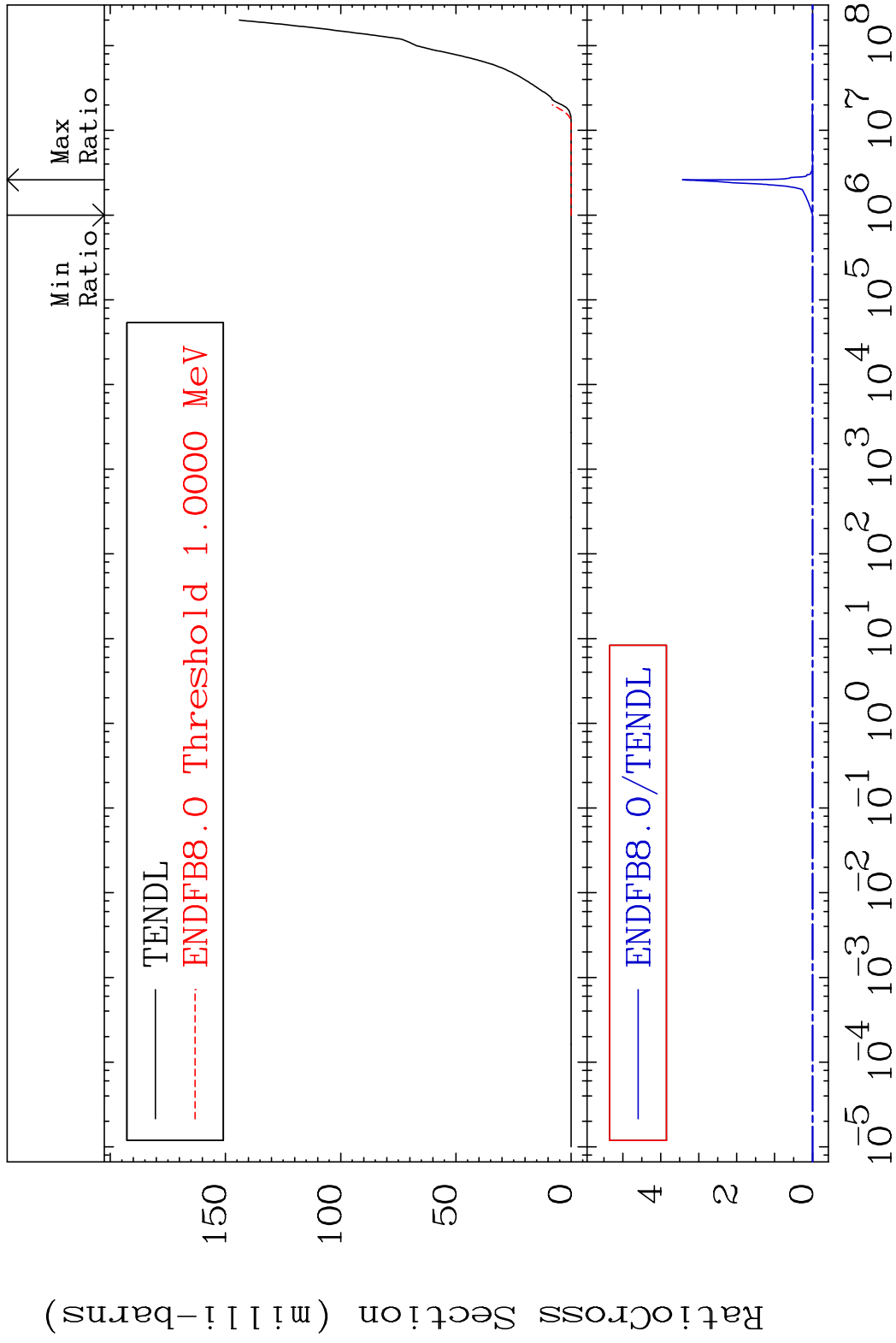
20 44-Ru-106

MAT 4455

He-4 Production

44-Ru-106

Cross Section -100.0 To 9999. %

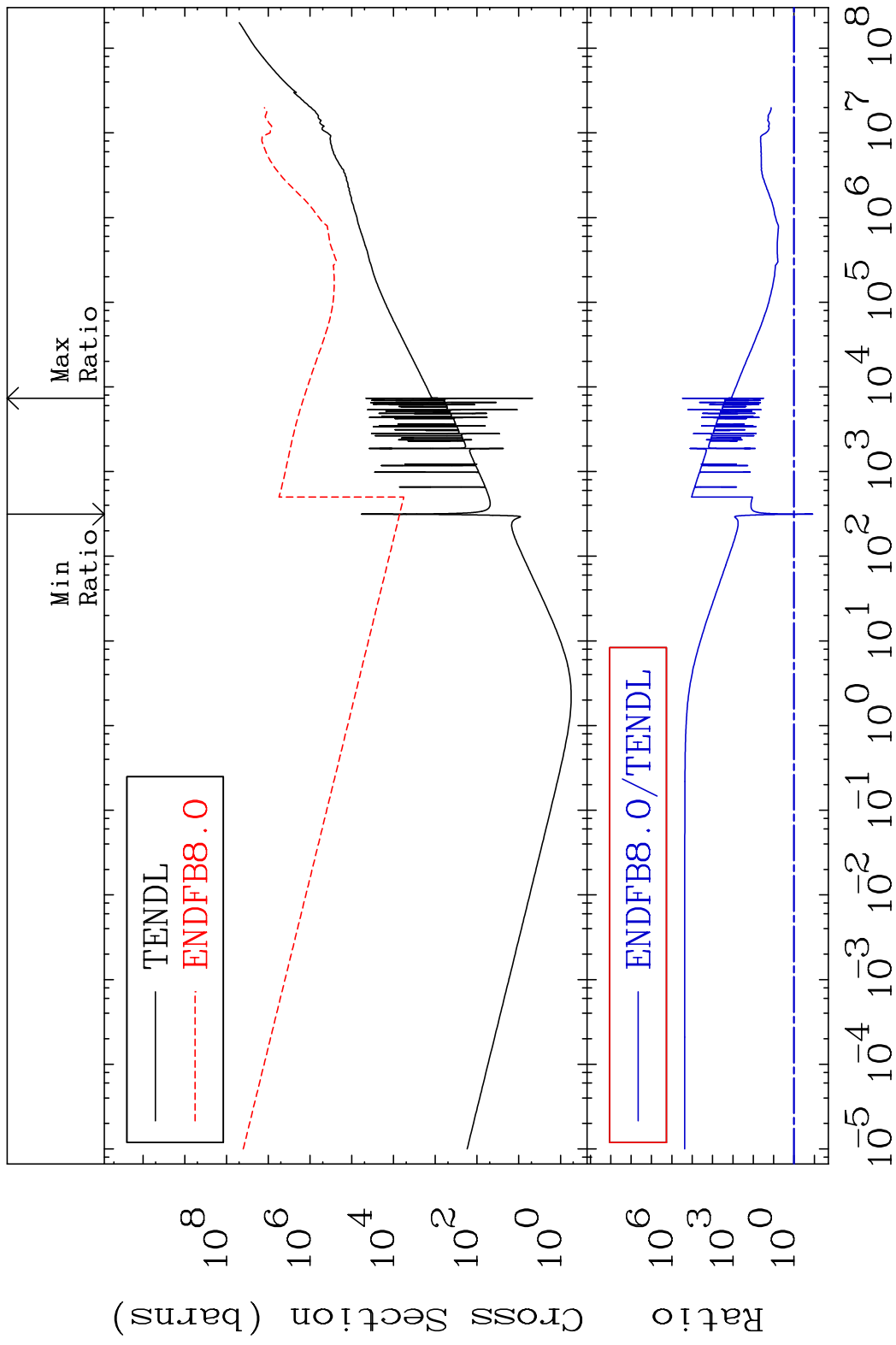


21

Incident Energy (eV)

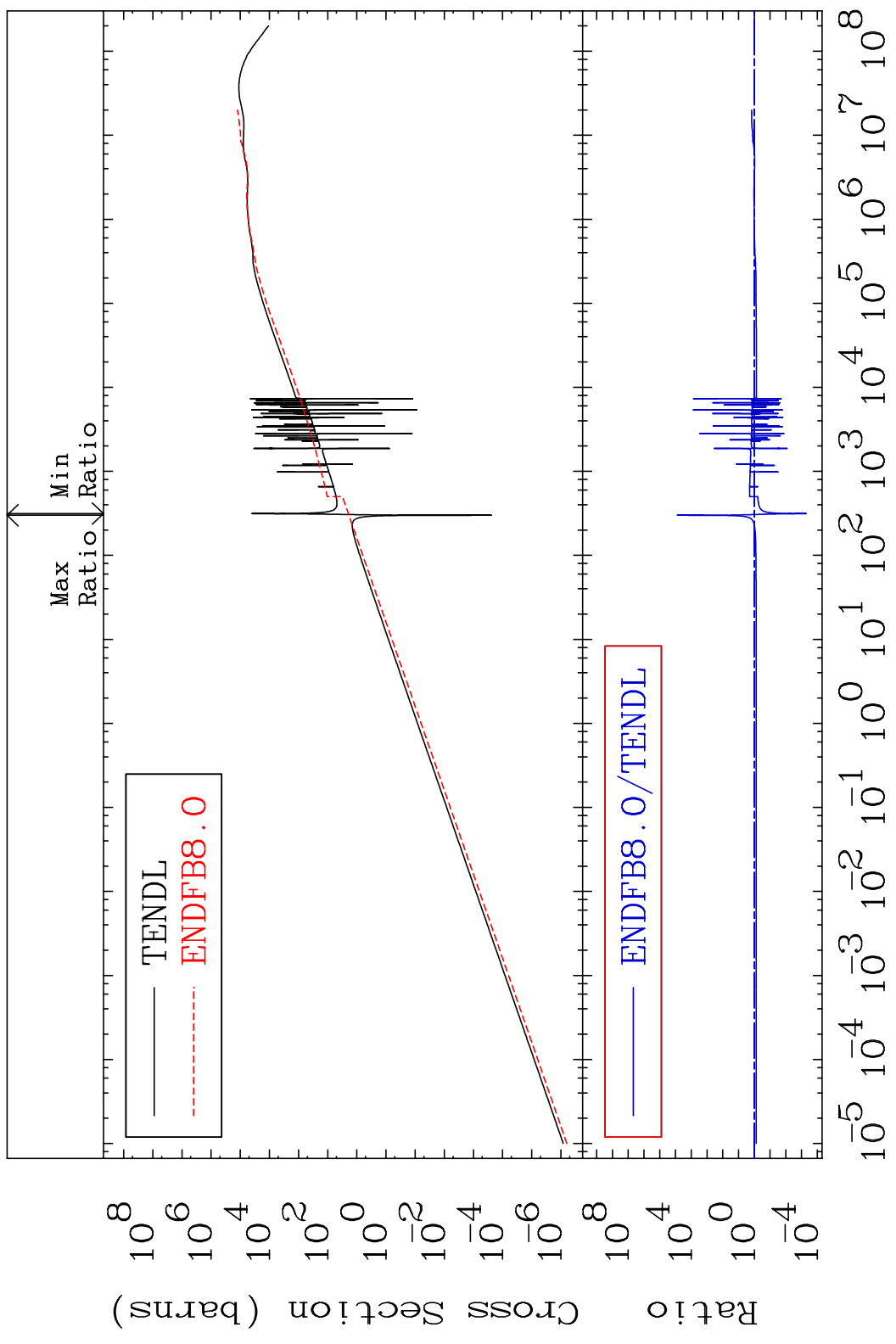
44-Ru-106

MAT 4455 Kerma total (eV-barns) 44-Ru-106
 Cross Section -87.74 To 9999. %

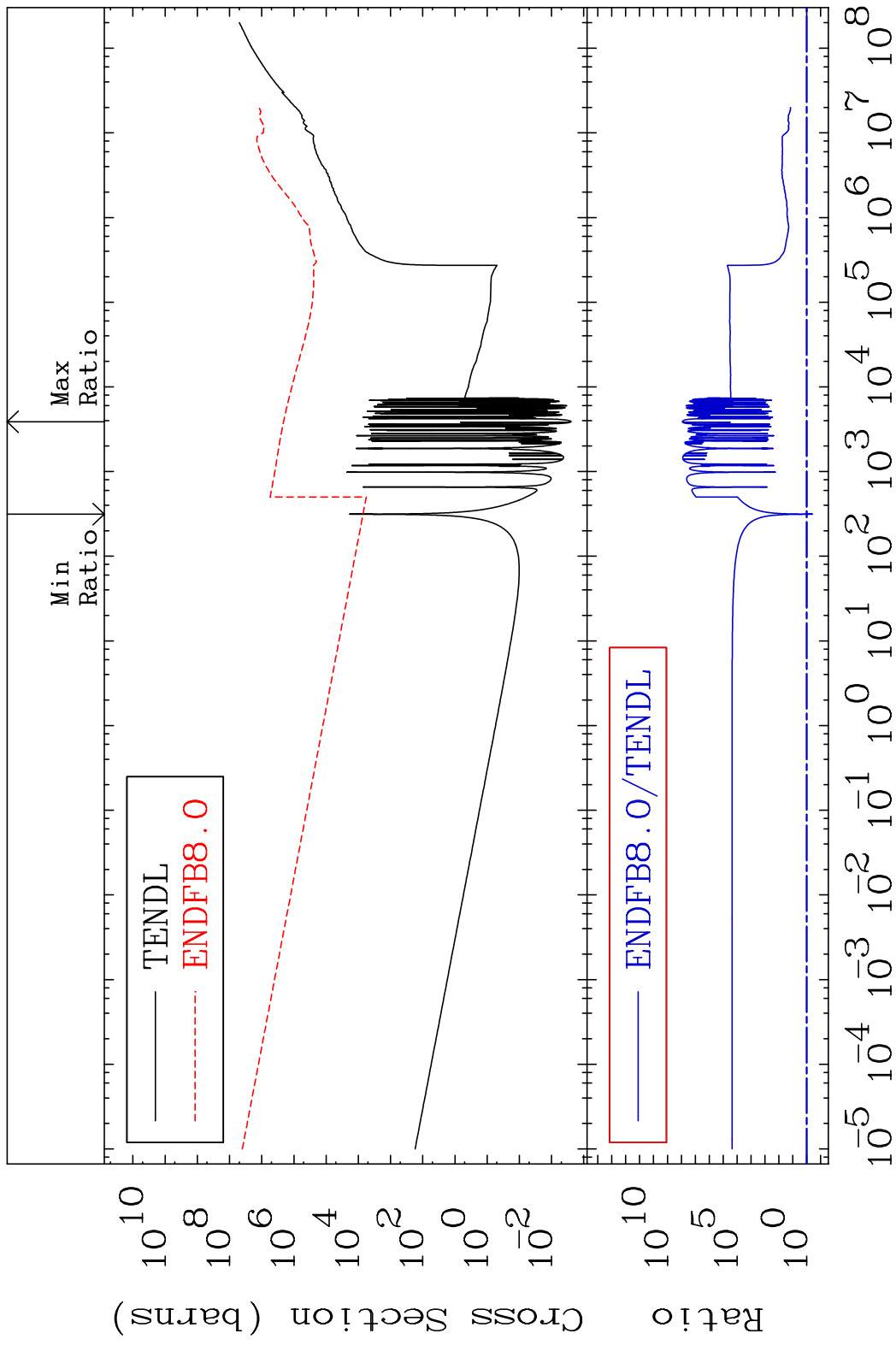


MAT 4455

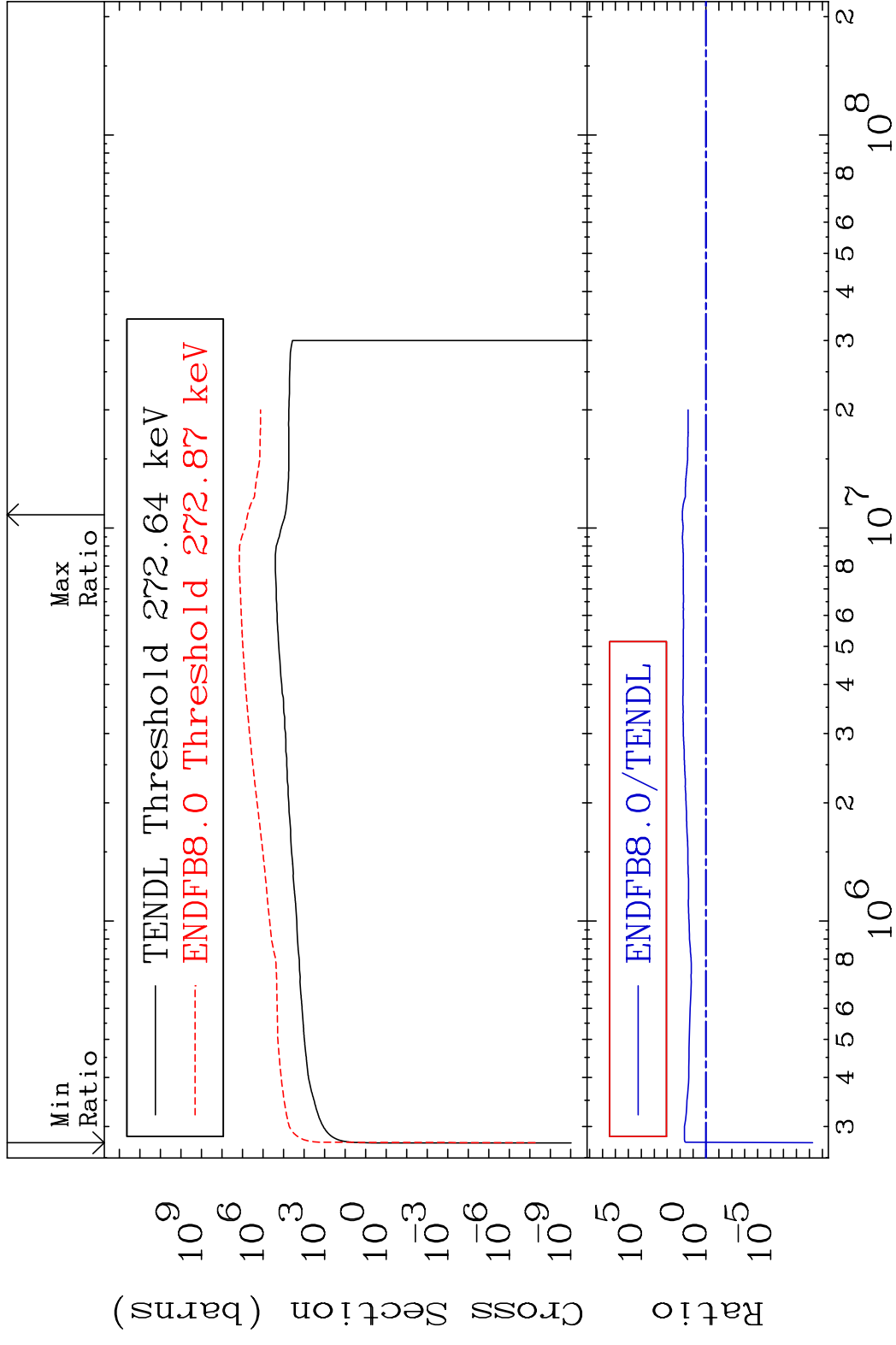
Kerma elastic Cross Section -99.95 To 9999. %
44-Ru-106



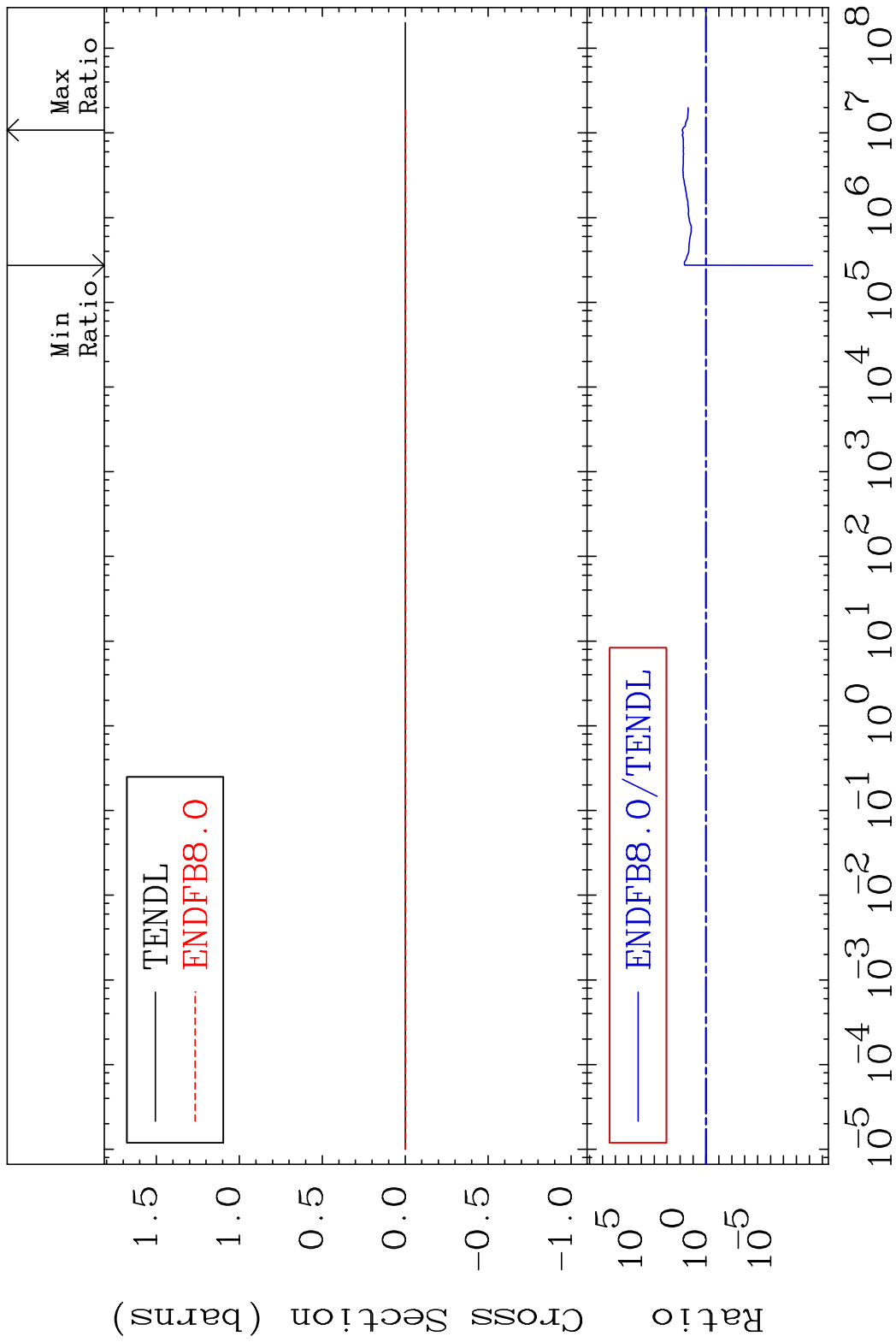
MAT 4455 Kerma non-elastic (all but mt2) 44-Ru-106
 Cross Section -61.96 To 9999. %



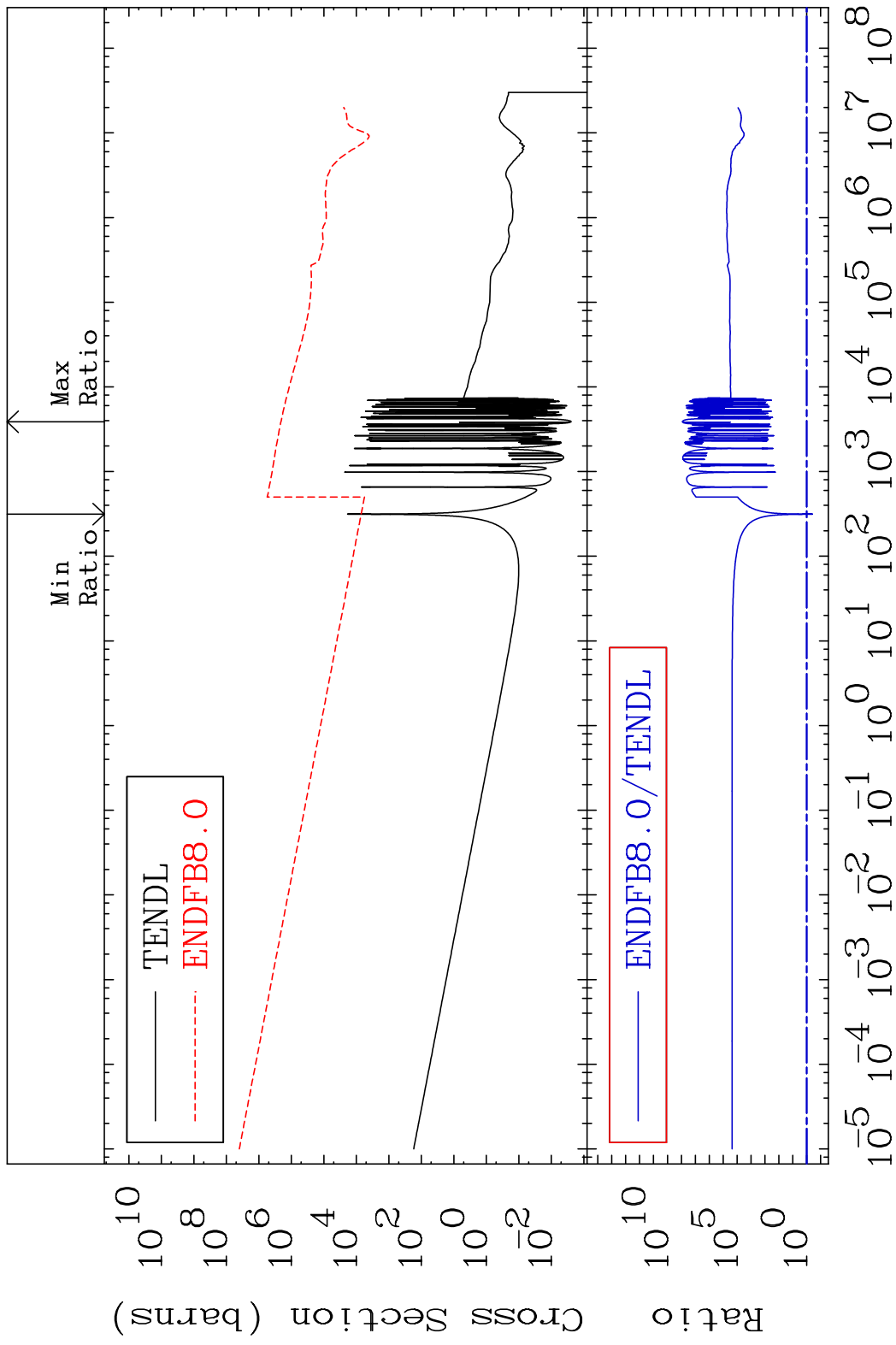
MAT 4455 Kerma inelastic (mt51-91) 44-Ru-106
 Cross Section -100.0 To 6583. %



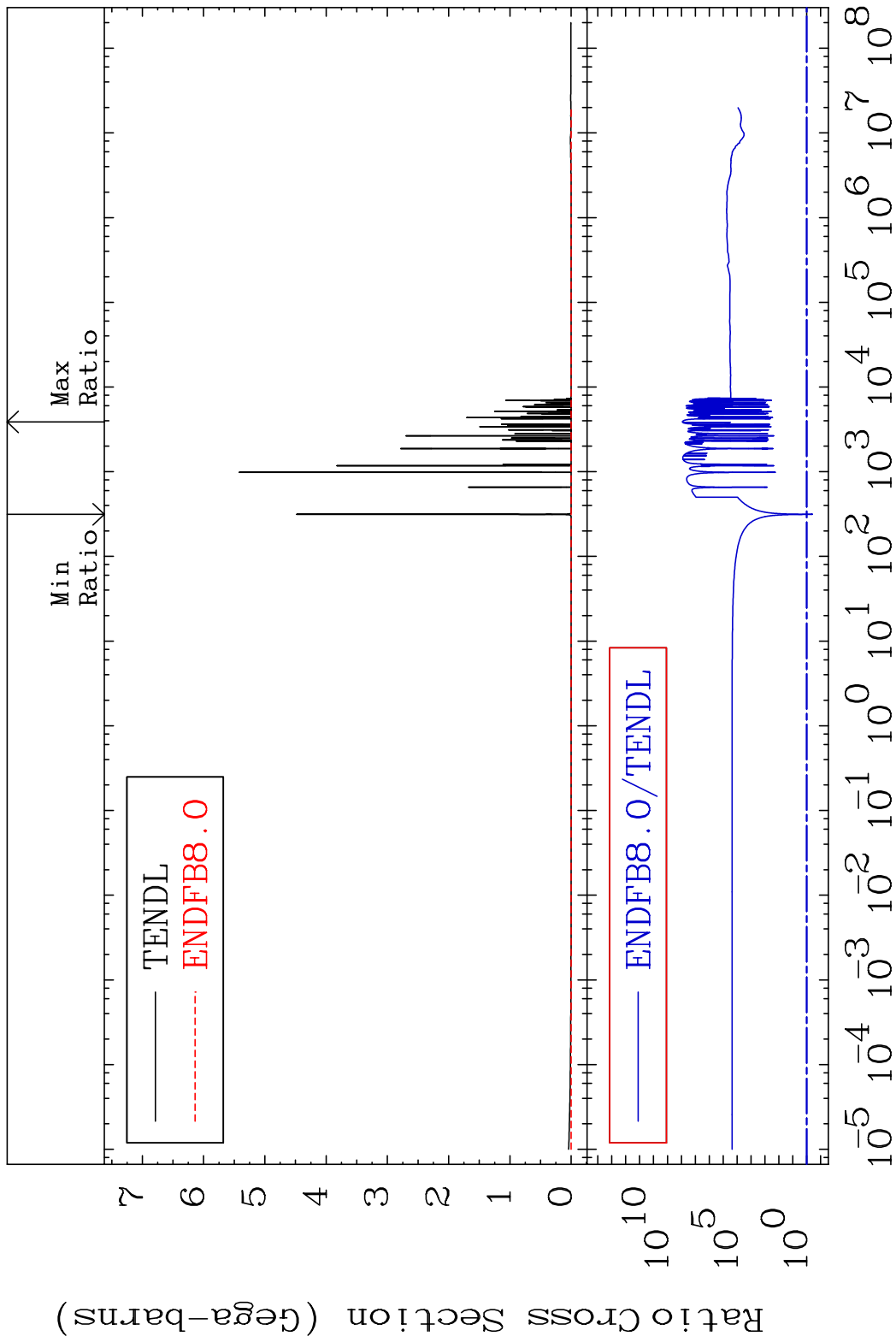
MAT 4455 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-106
 Cross Section -100.0 To 6583. %



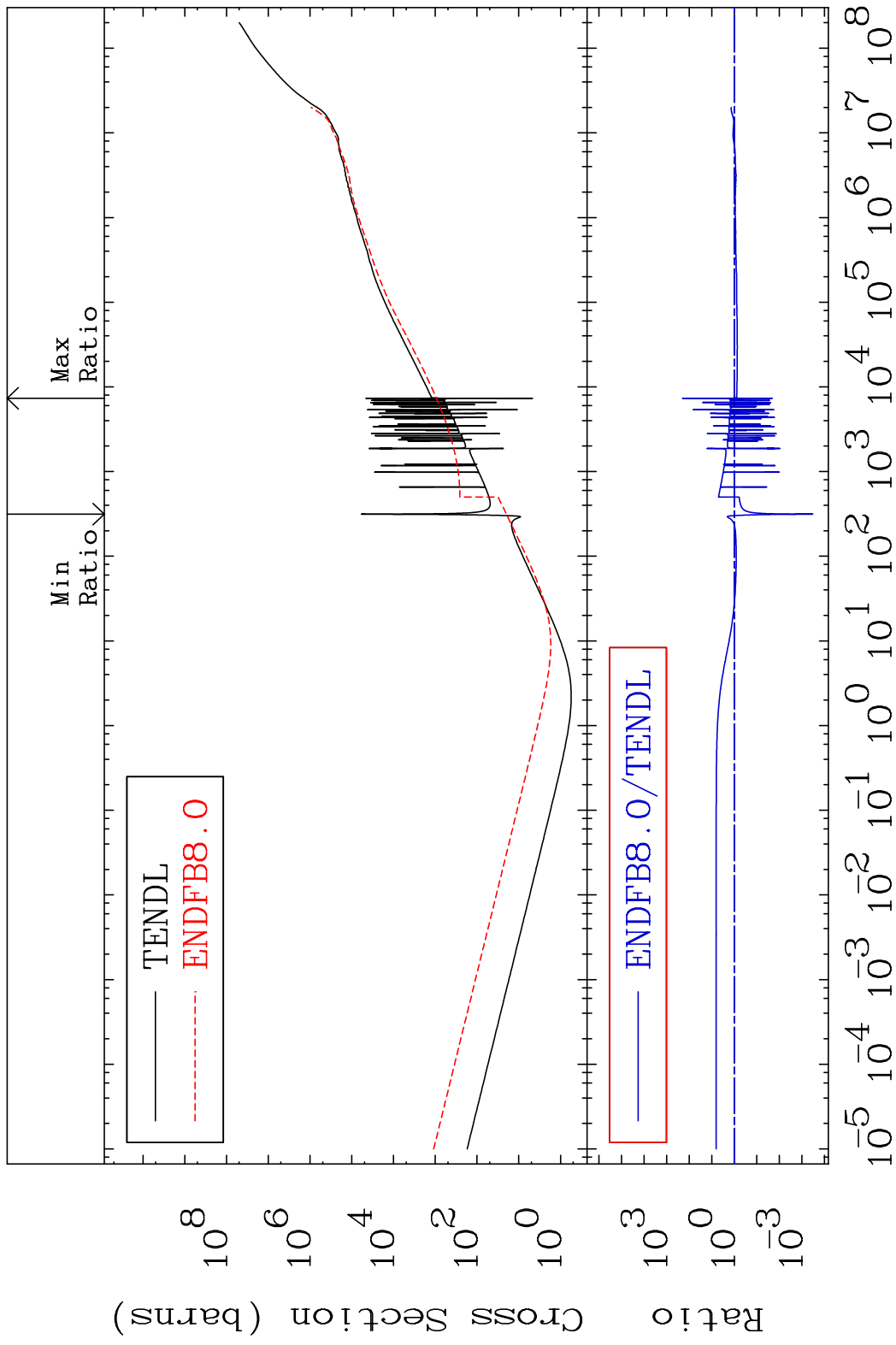
MAT 4455 Kerma capture (mt102) 44-Ru-106
 Cross Section -61.96 To 9999. %



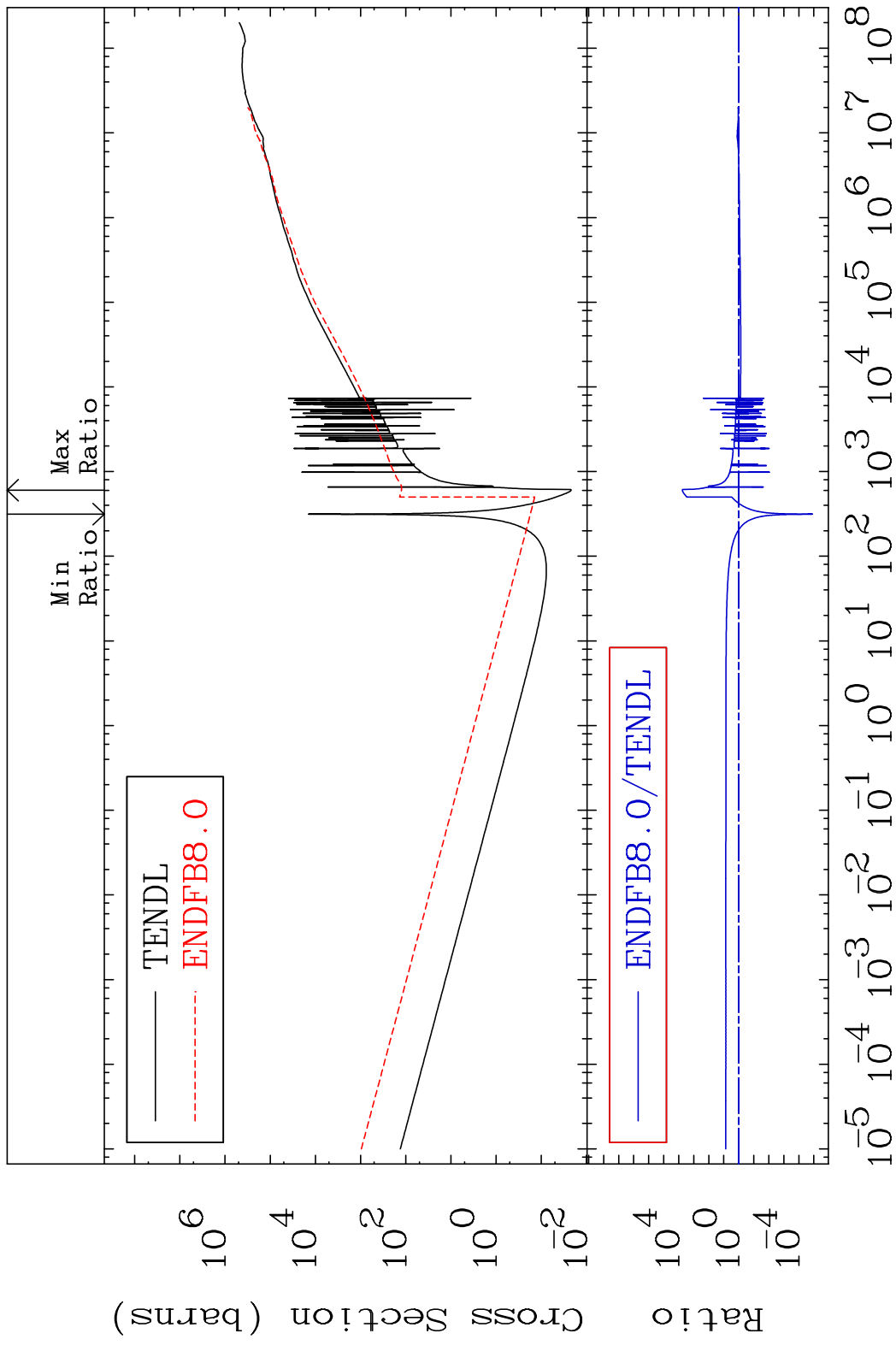
MAT 4455 Total photon (eV-barns) 44-Ru-106
 Cross Section -61.96 To 9999. %



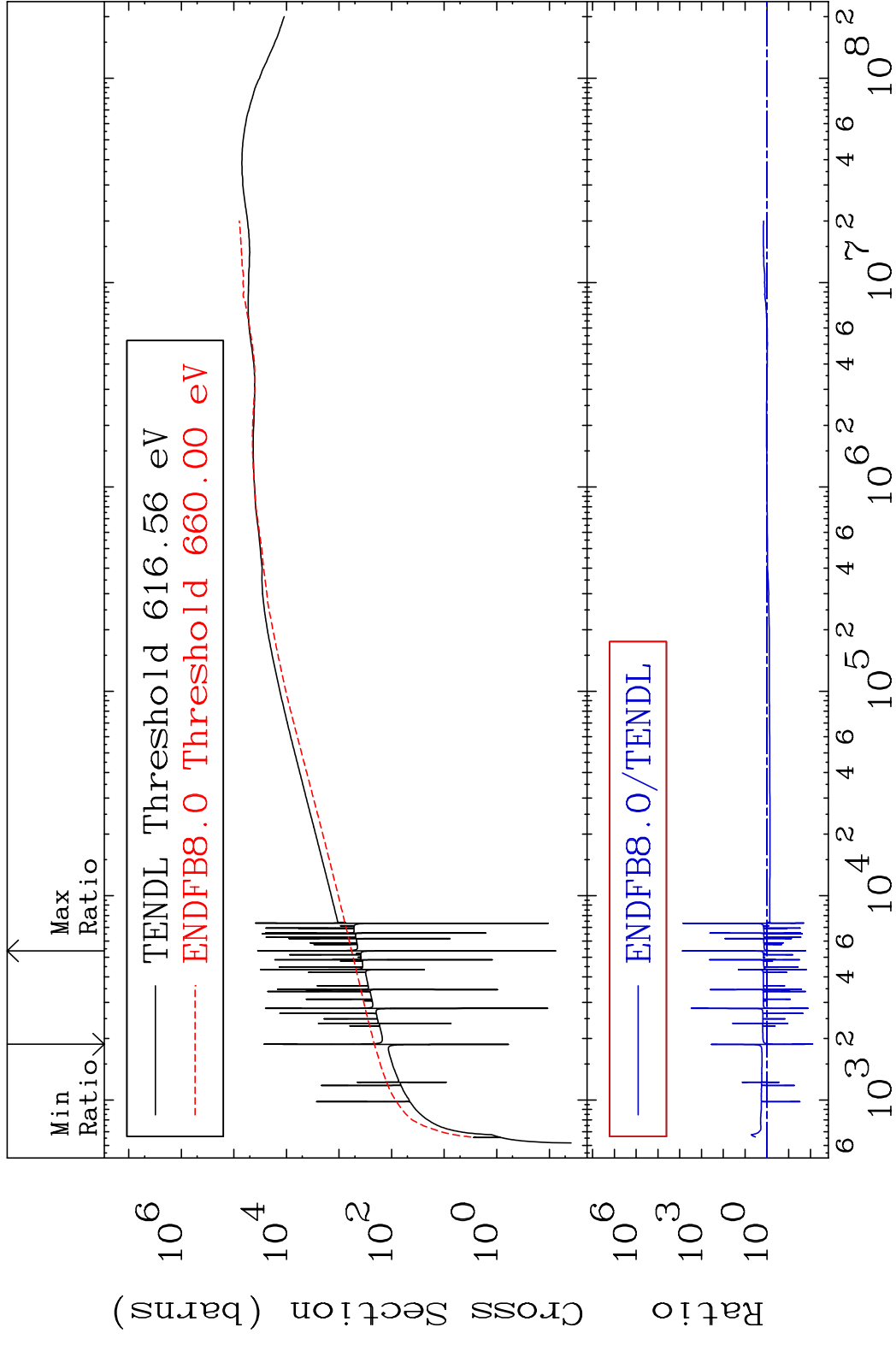
MAT 4455 Total kinematic kerma (high limit) 44-Ru-106
 Cross Section -99.97 To 9999. %



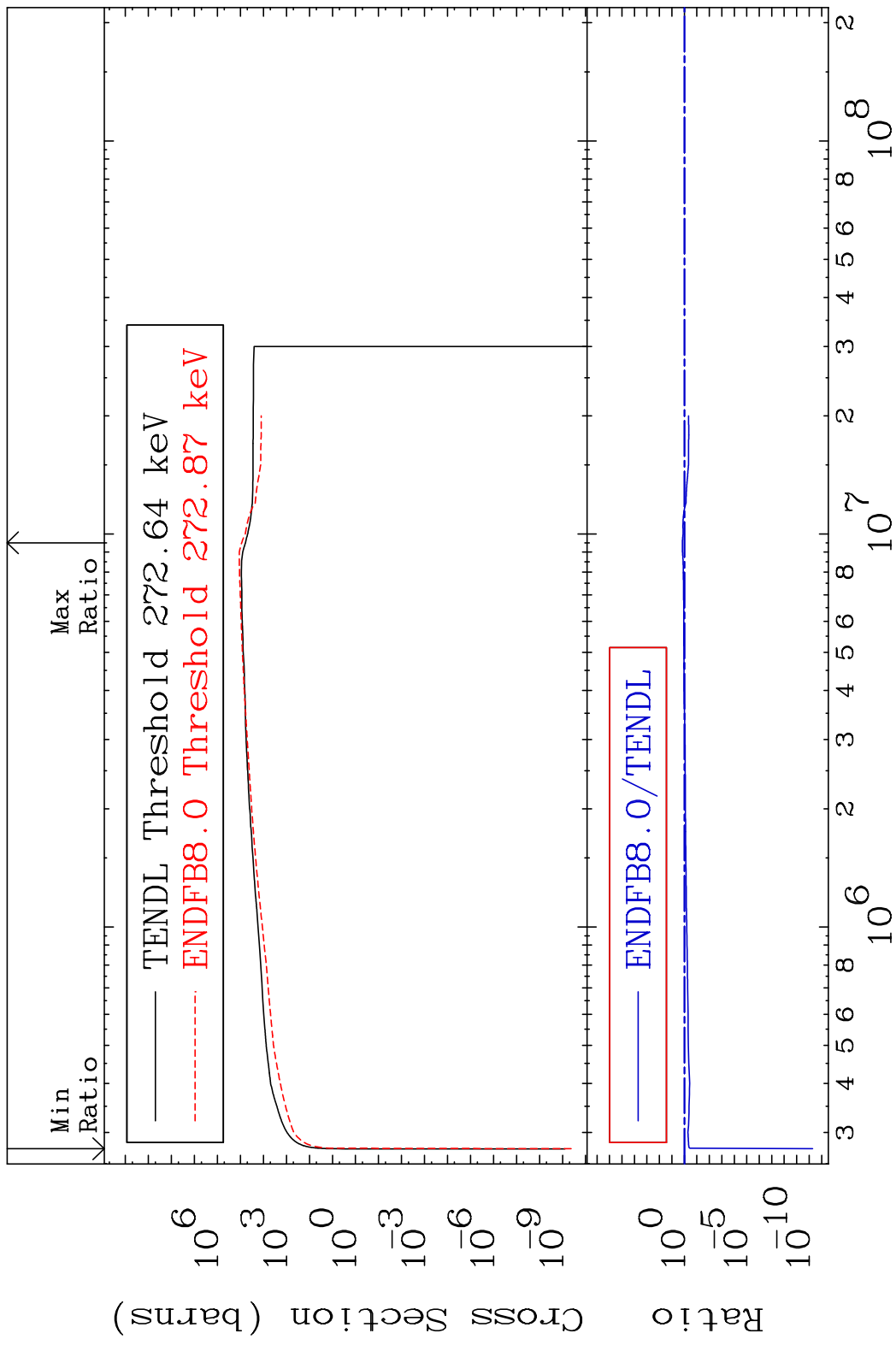
MAT 4455 Dpa total (eV-barns) 44-Ru-106
 Cross Section -100.0 To 9999. %



MAT 4455 Dpa elastic (mt2) 44-Ru-106
 Cross Section -99.20 To 9999. %



MAT 4455 Dpa inelastic (mt51-91) 44-Ru-106
 Cross Section -100.0 To 44.80 %



MAT 4455 Dpa disappearance (mt102 -120) 44-Ru-106
 Cross Section -100.0 To 9999. %

