

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

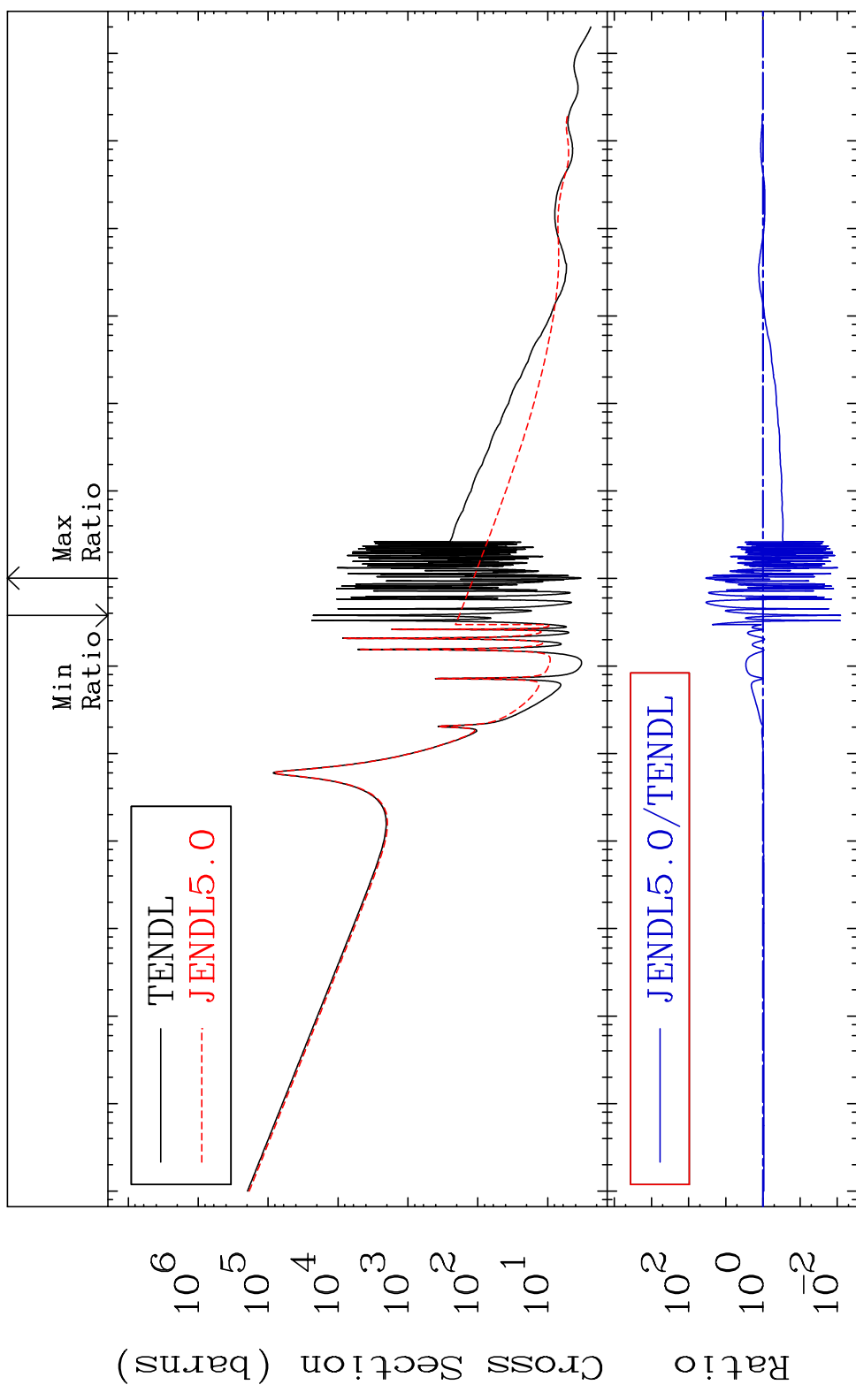
Press Mouse Button to Start

MAT 6337

Total

63-Eu-155

Cross Section -99.18 To 3358. %



1

Incident Energy (eV)

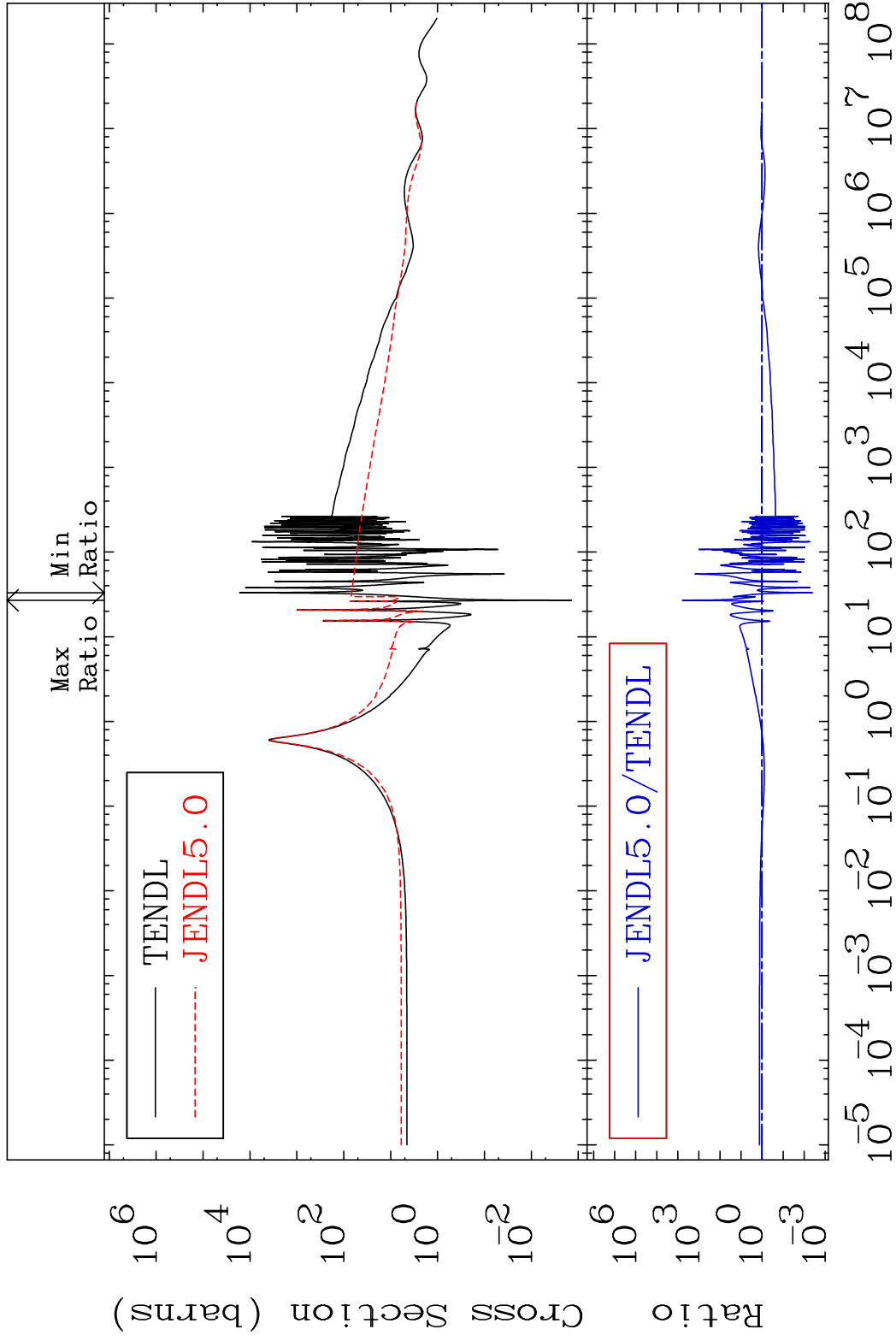
63-Eu-155

MAT 6337

Elastic

63-Eu-155

Cross Section -99.60 To 9999. %

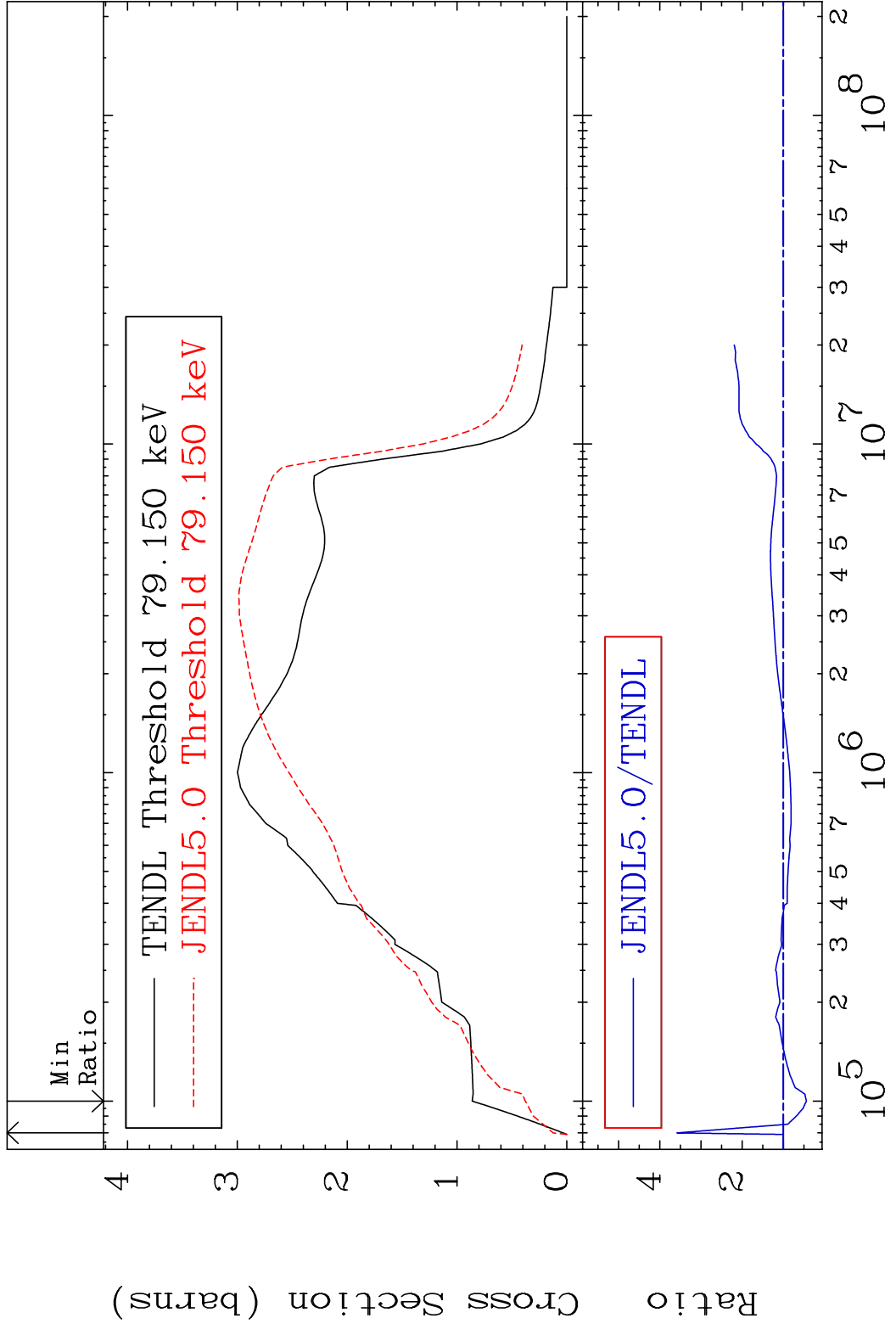


2

Incident Energy (eV)

63-Eu-155

MAT 6337 Inelastic 63-Eu-155
Cross Section -56.18 To 257.5 %



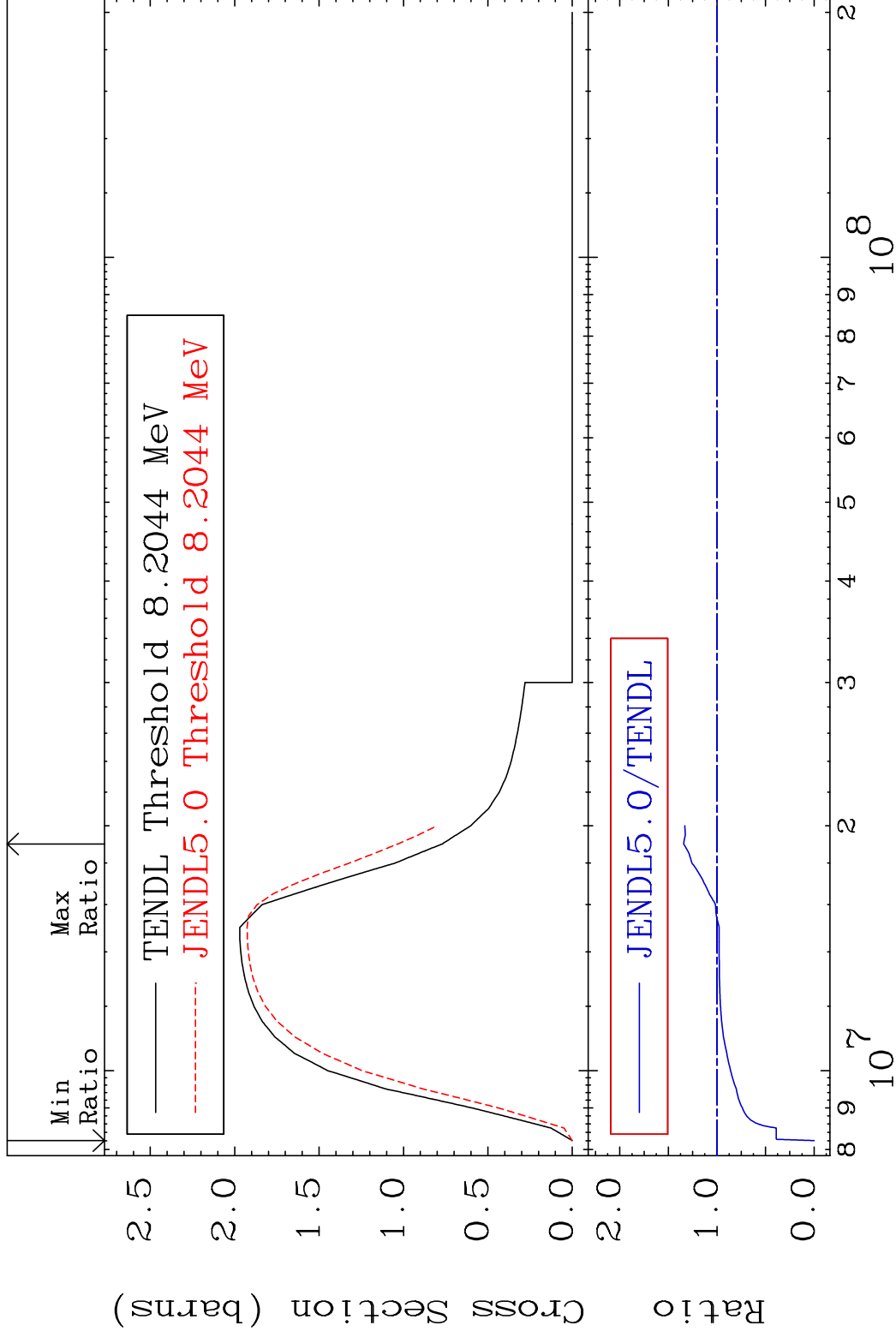
3 2 1 0 4 2 4 2 3 4 5 7 2 3 4 5 7 8 10⁵ 10⁶ 10⁷ 10⁸ 63-Eu-155

MAT 6337

(n,2n)

63-Eu-155

Cross Section -100.0 To 34.28 %



4

Incident Energy (eV)

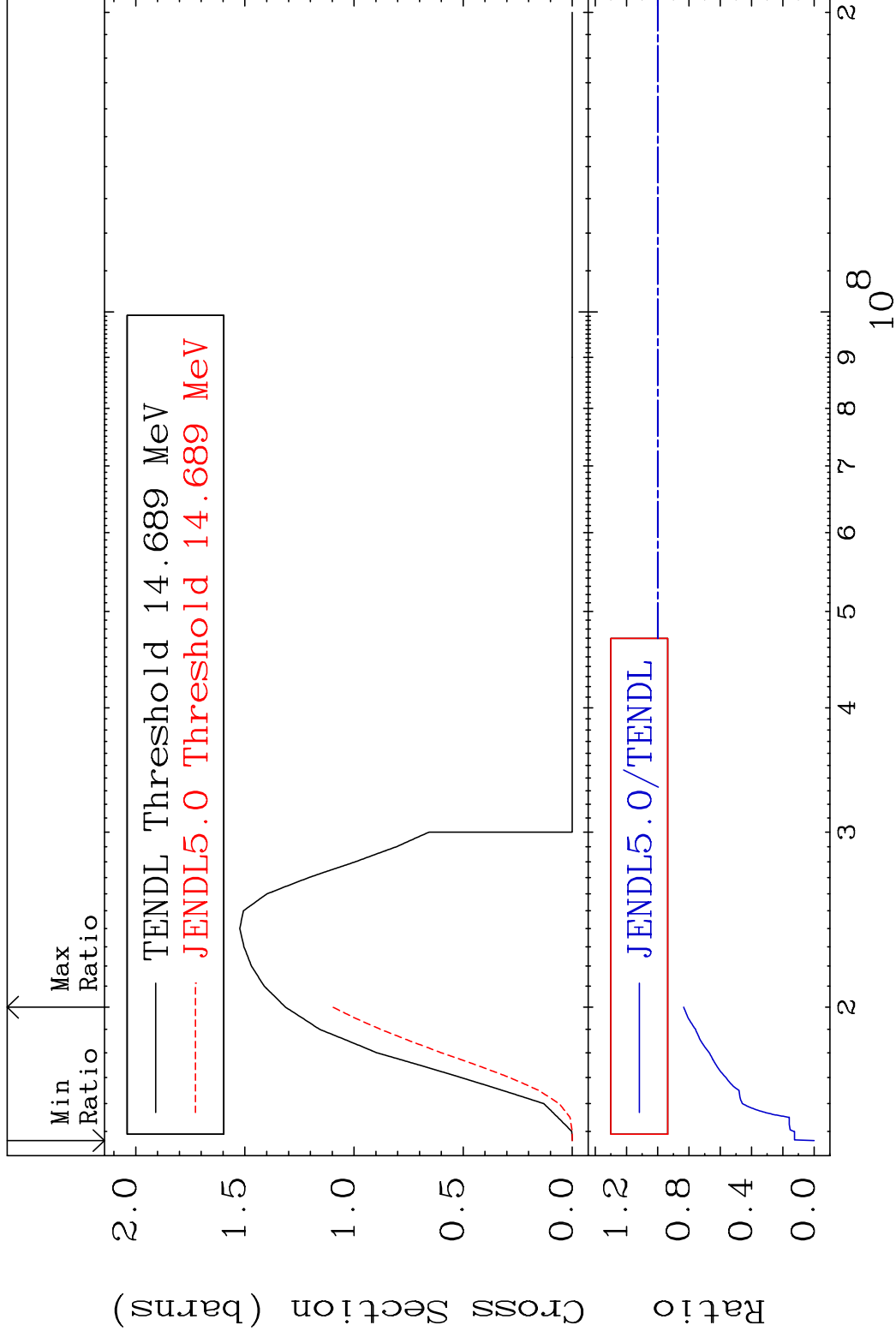
63-Eu-155

MAT 6337

(n,3n)

63-Eu-155

Cross Section -100.0 To -16.57%

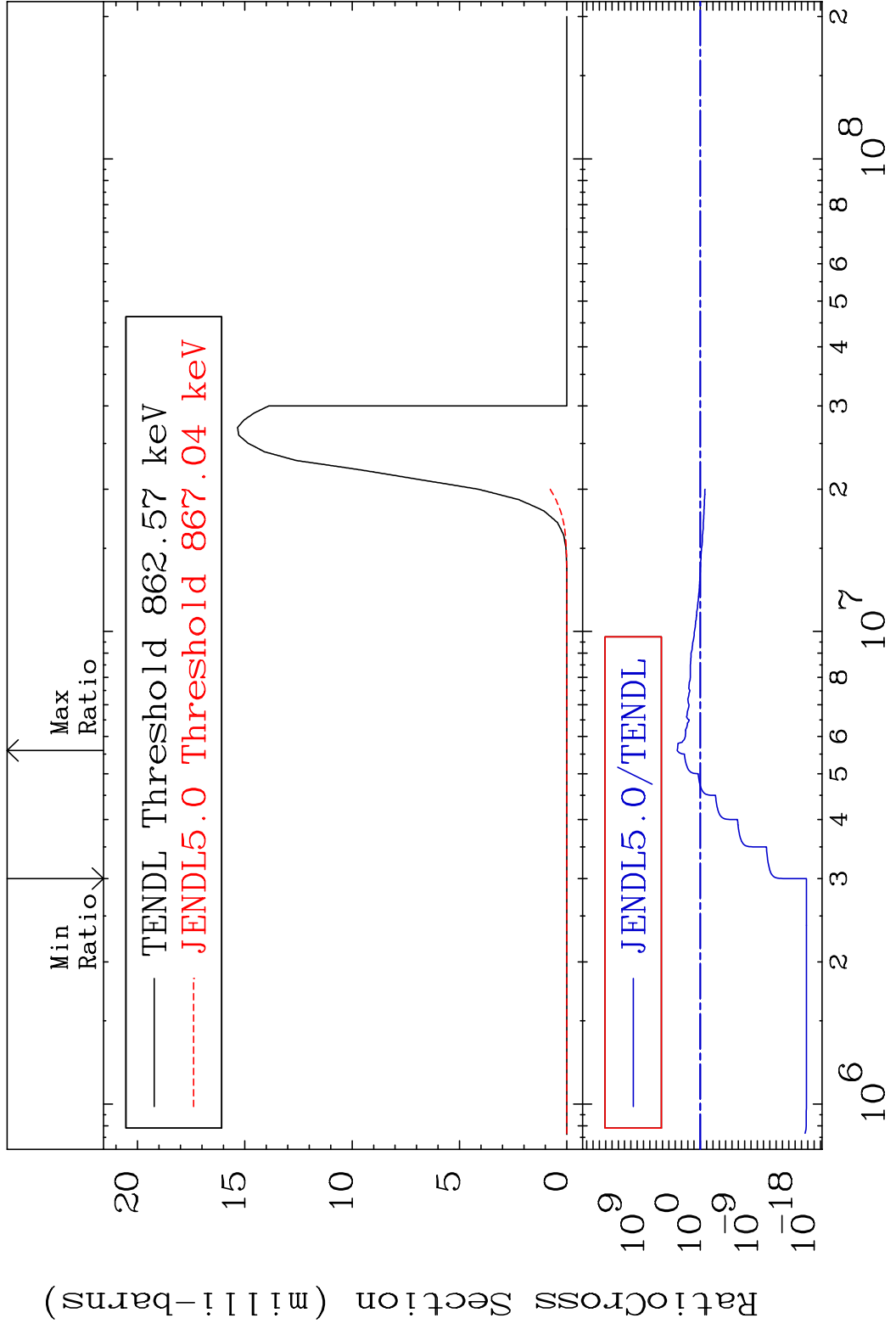


5

Incident Energy (eV)

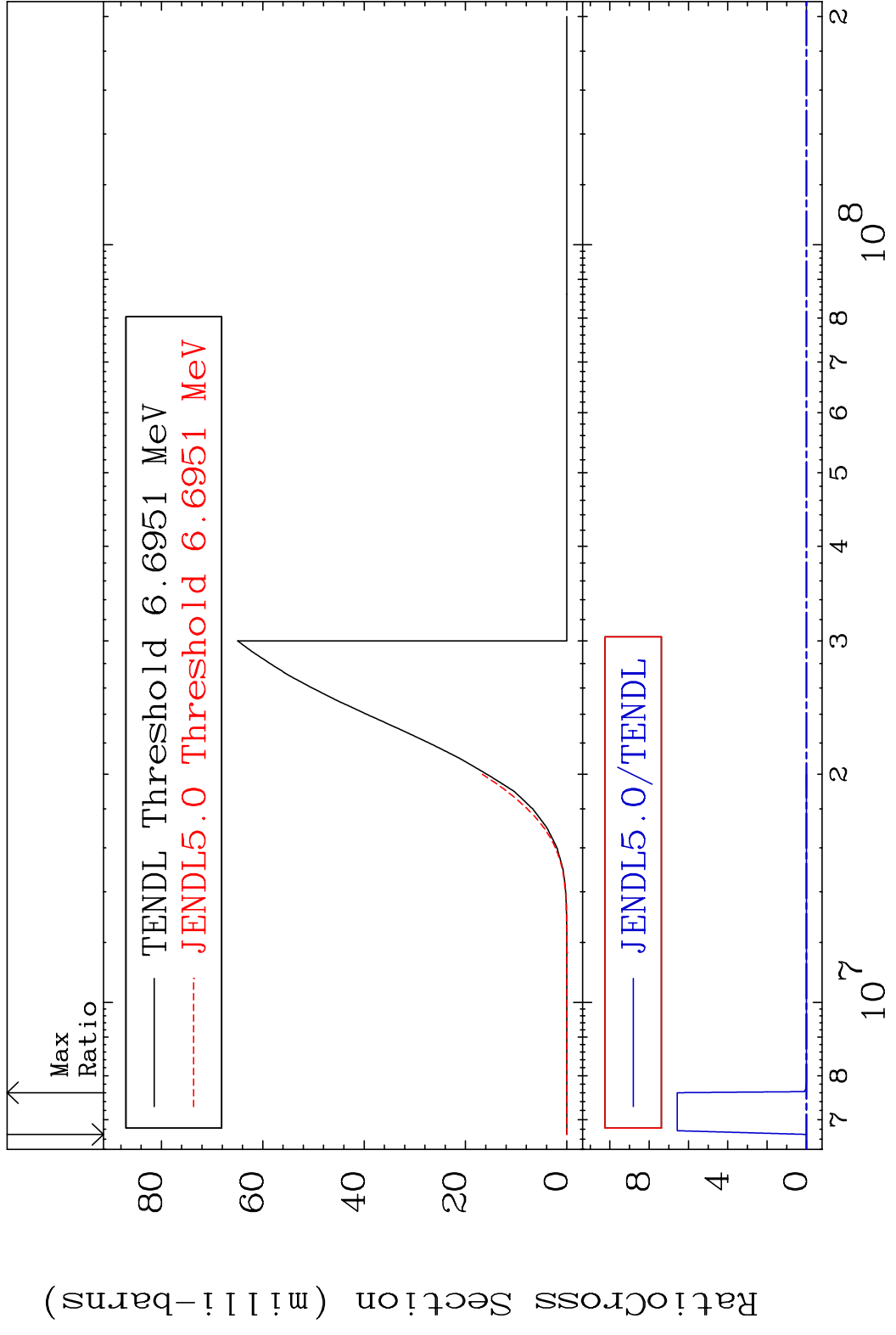
63-Eu-155

MAT 6337 (n, n') α 63-Eu-155
 Cross Section -100.0 To 9999. %



6 Incident Energy (eV) 63-Eu-155

MAT 6337 (n, n') p 63-Eu-155
 Cross Section -100.0 To 9999. %

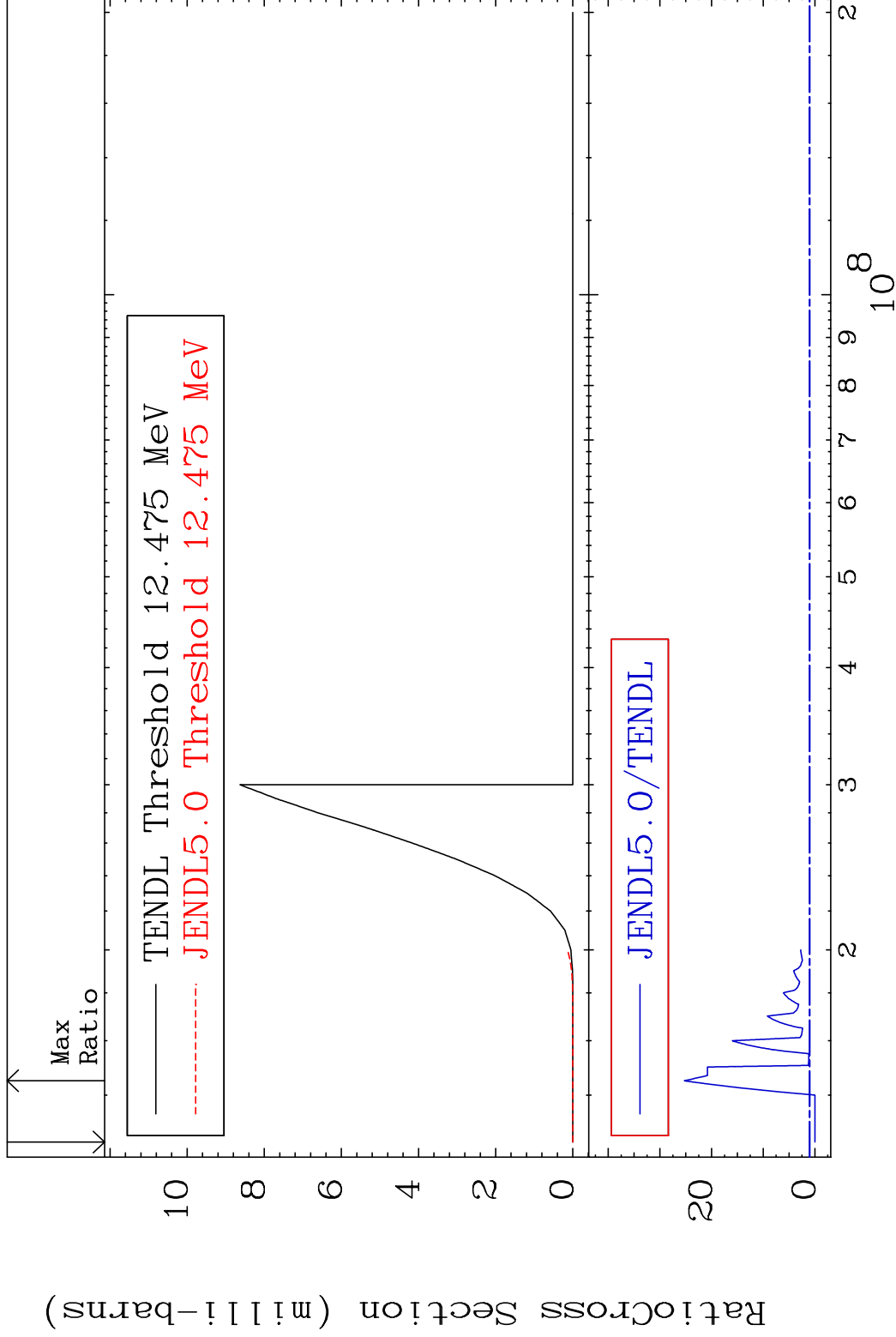


MAT 6337

(n, n') d

63-Eu-155

Cross Section -100.0 To 2428. %

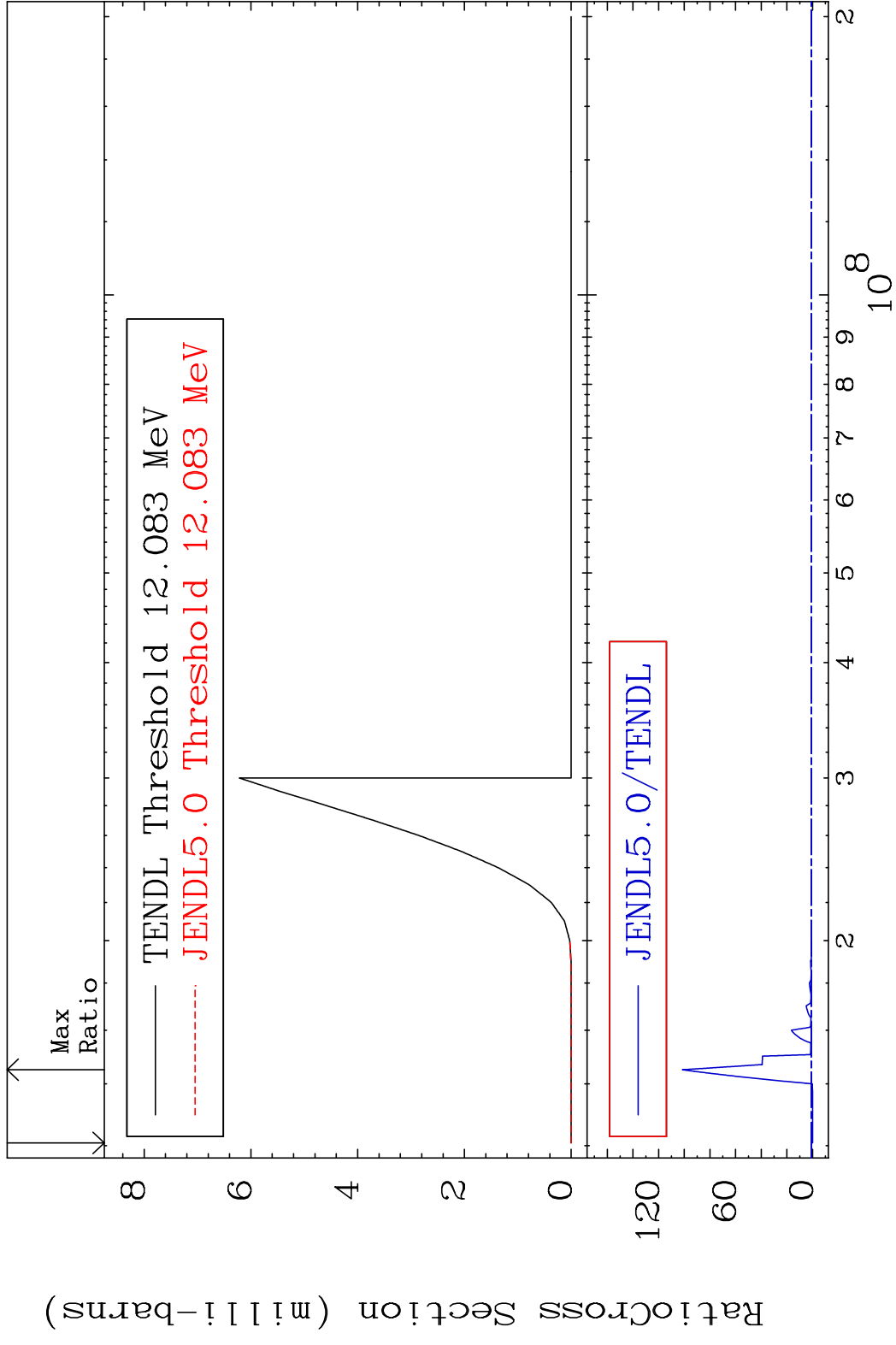


8

Incident Energy (eV)

63-Eu-155

MAT 6337 (n, n') t 63-Eu-155
 Cross Section -100.0 To 9999. %



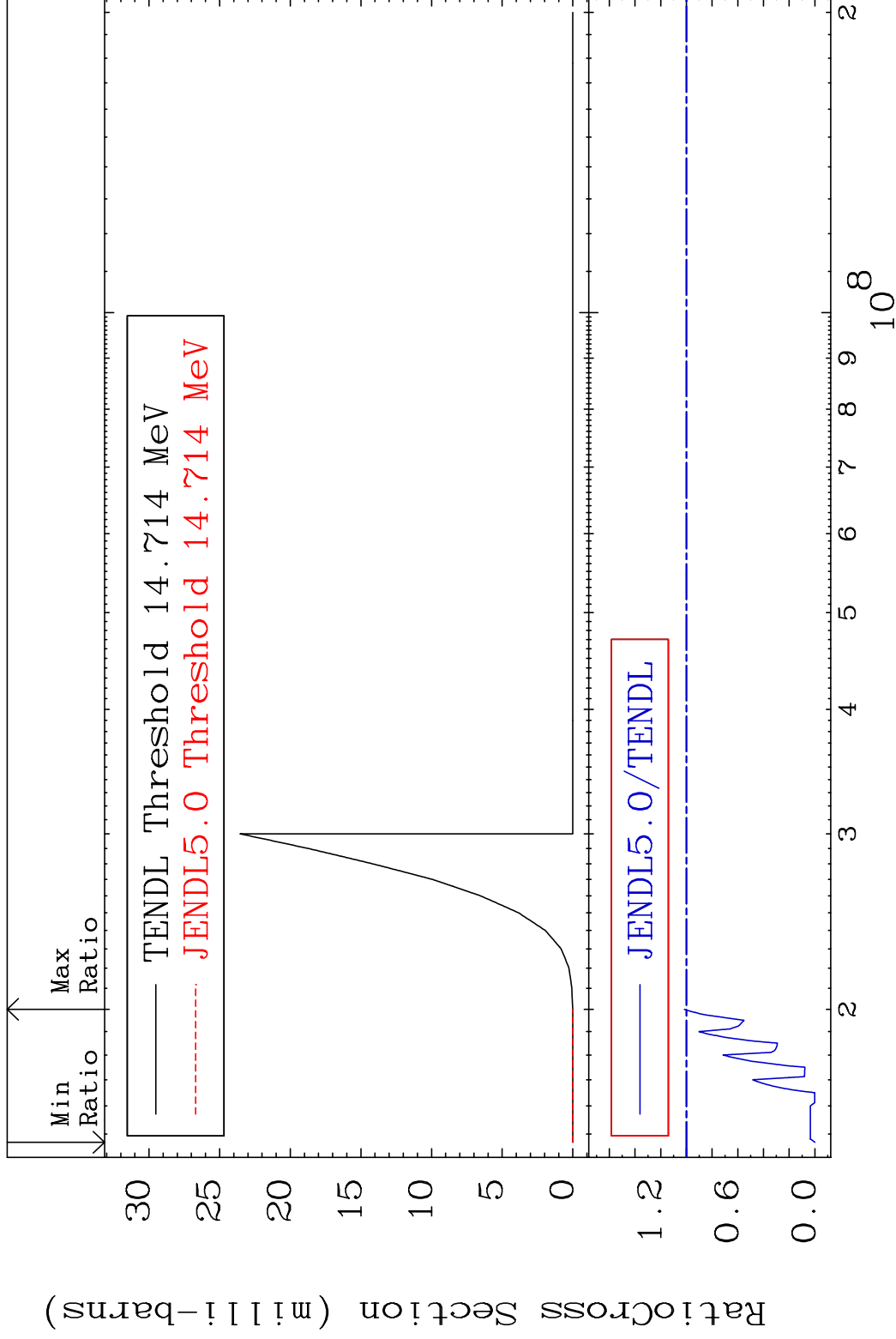
9 Incident Energy (eV) 63-Eu-155

MAT 6337

(n,2n) p

63-Eu-155

Cross Section -100.0 To 1.649 %

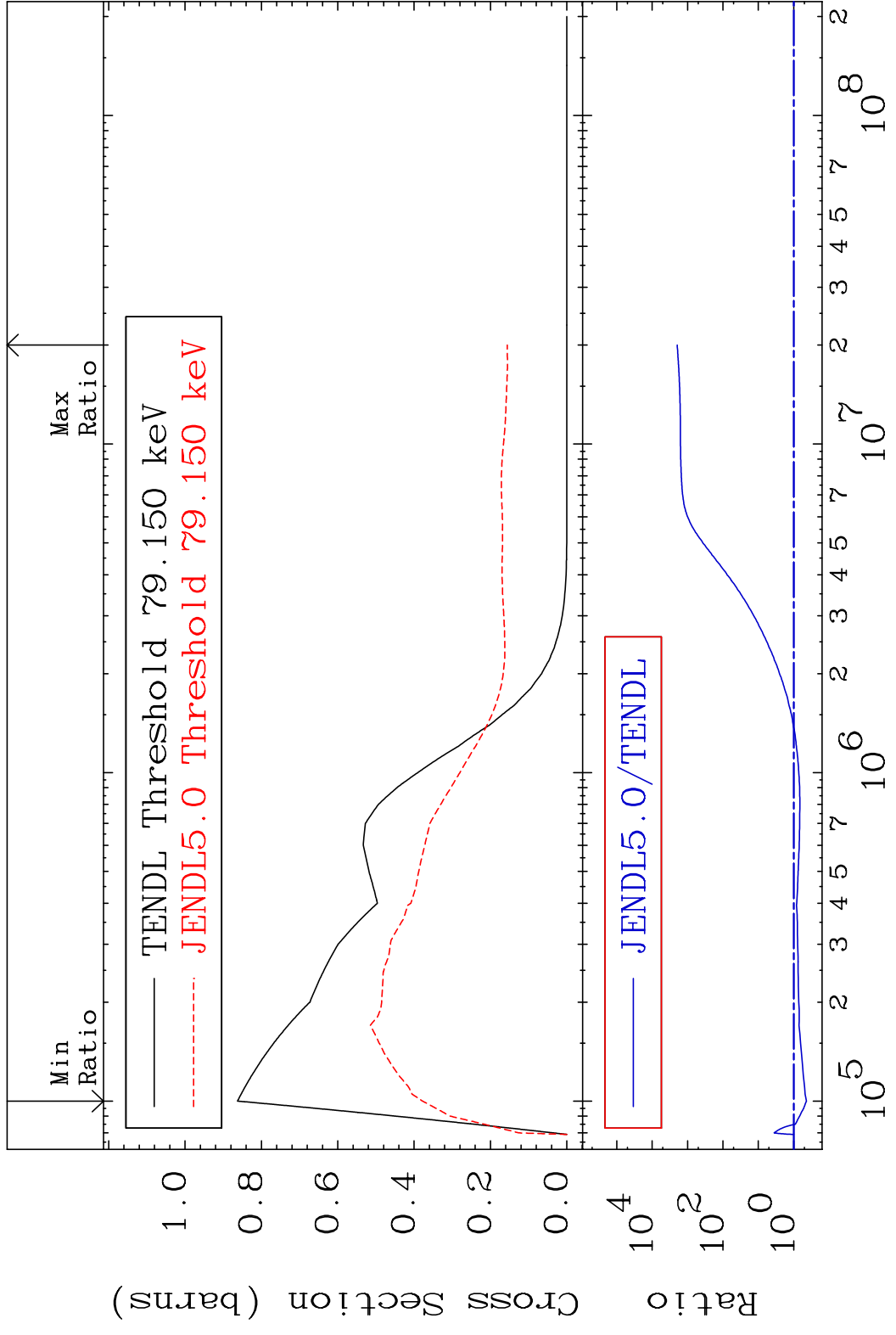


10

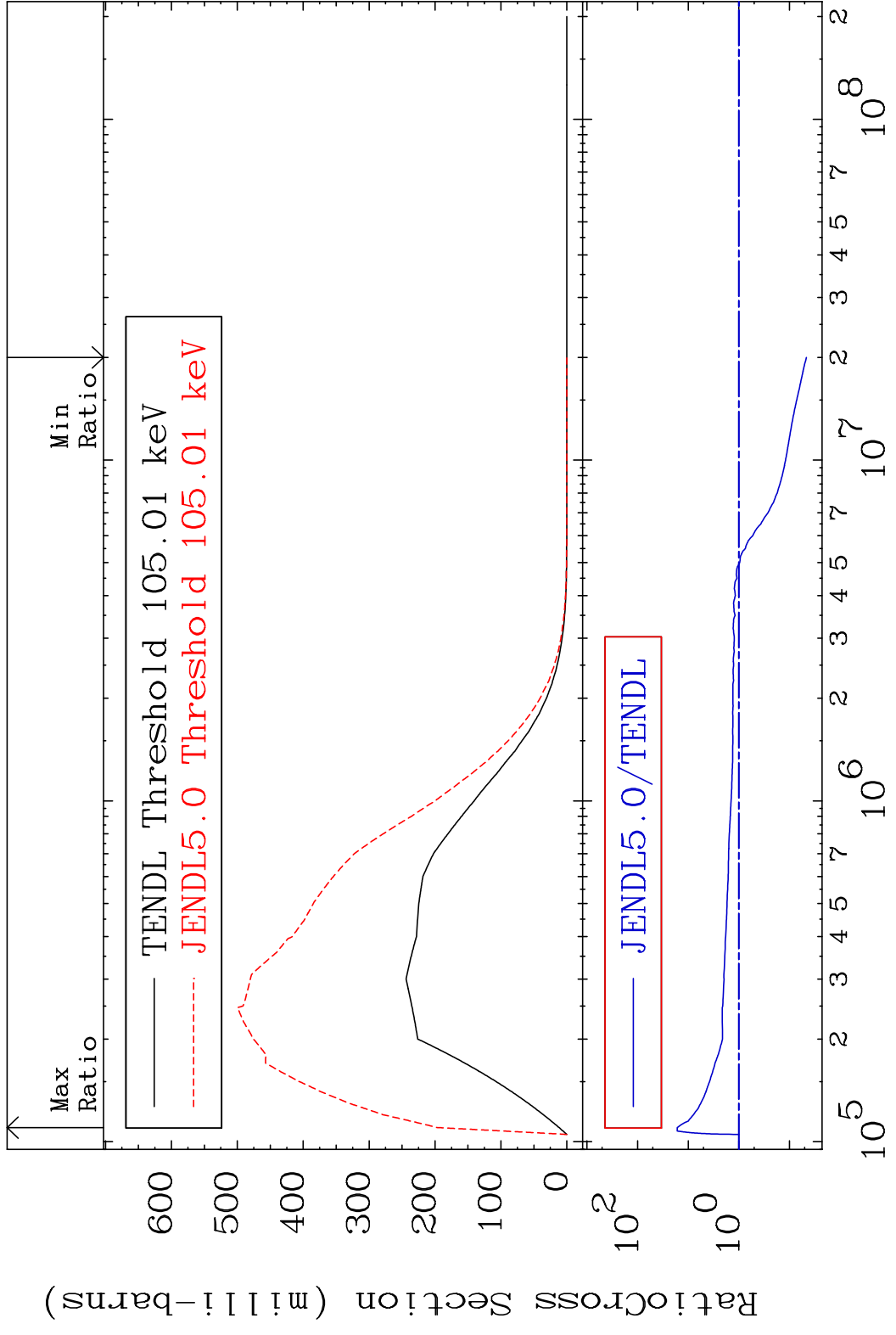
Incident Energy (eV)

63-Eu-155

MAT 6337 MT= 51 (n,n') Level 63-Eu-155
 Cross Section -56.18 To 9999. %

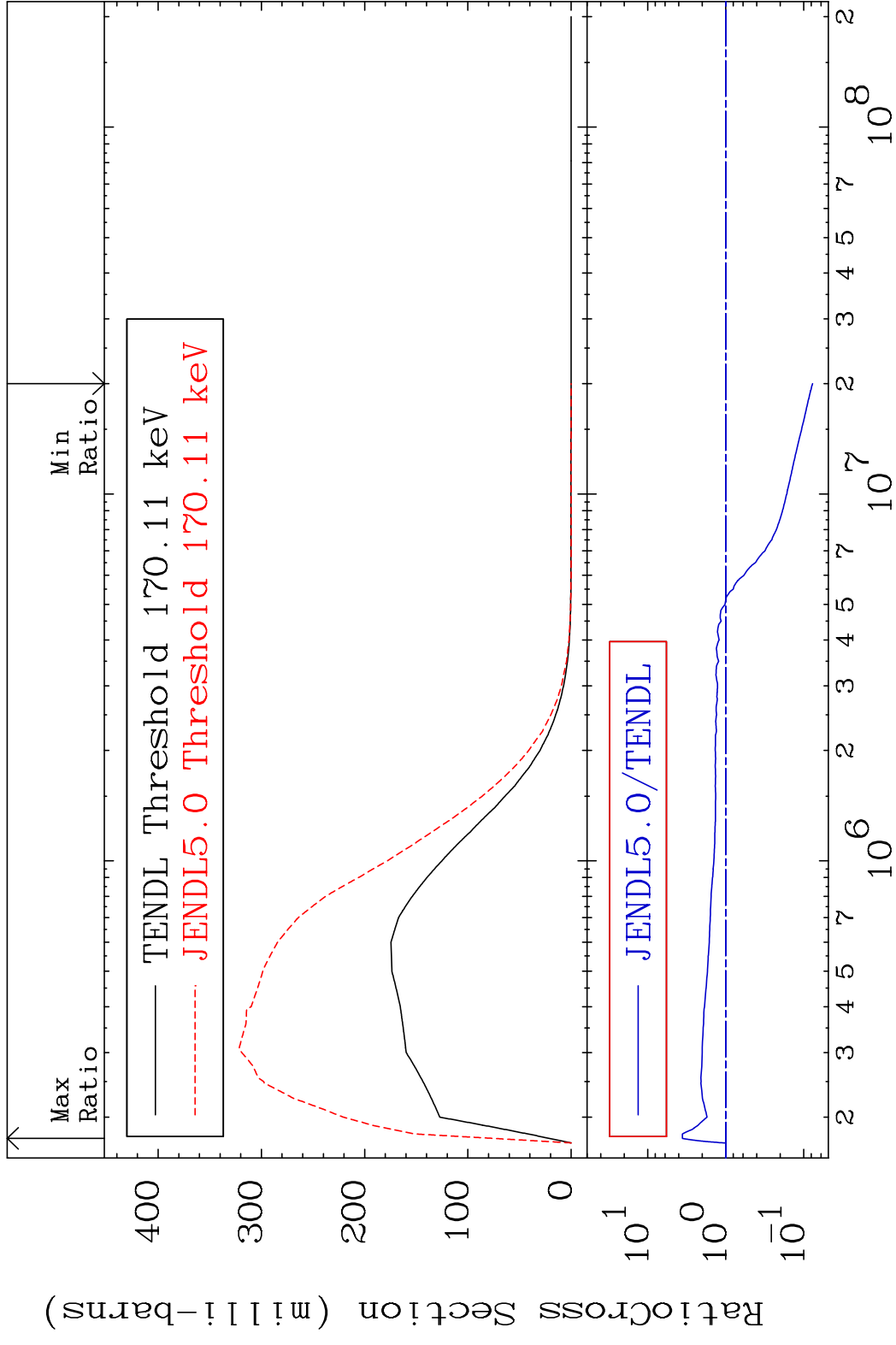


MAT 6337 MT= 52 (n,n') Level 63-Eu-155
 Cross Section -95.37 To 1551. %

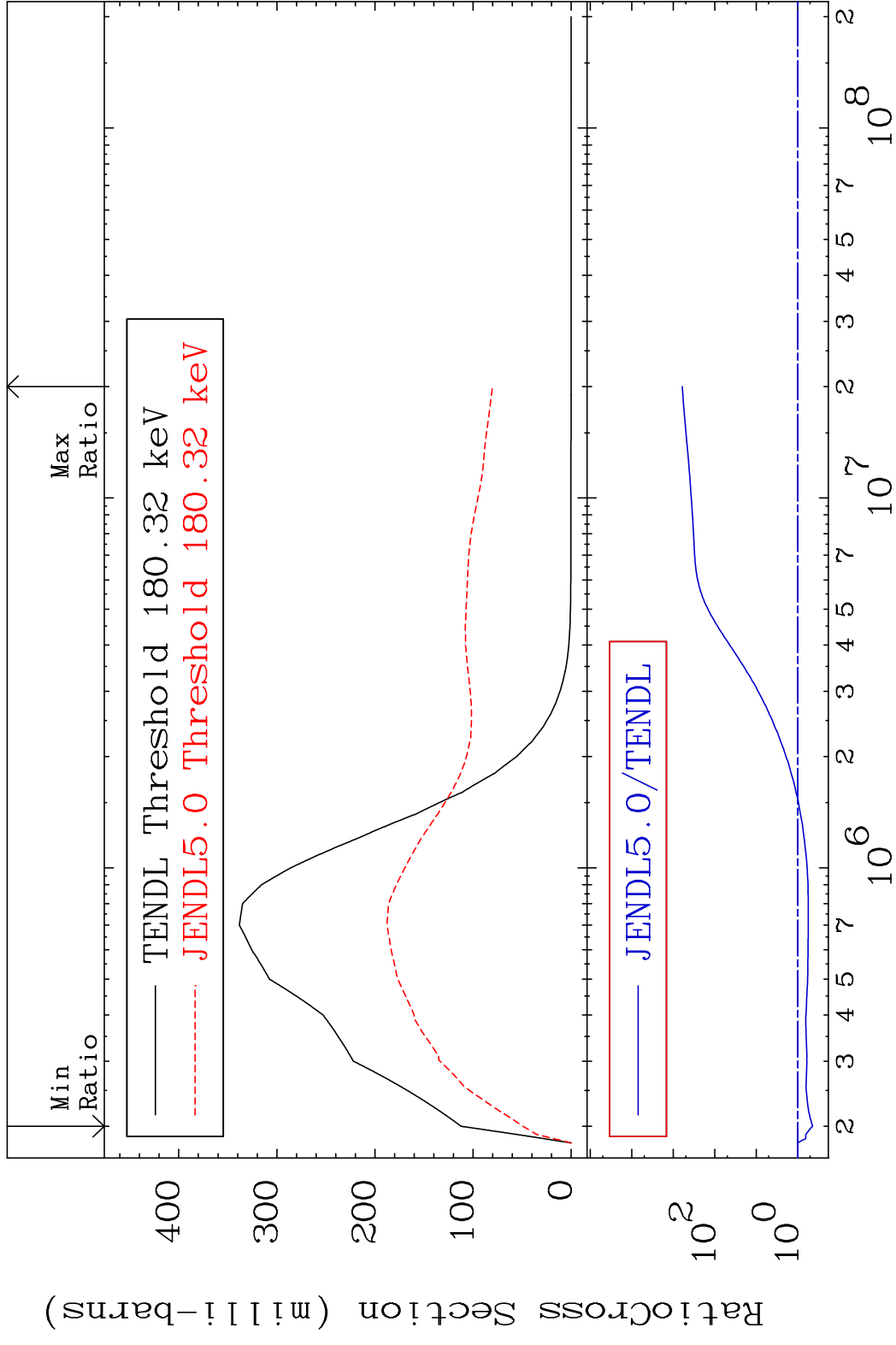


12 Incident Energy (eV) 63-Eu-155

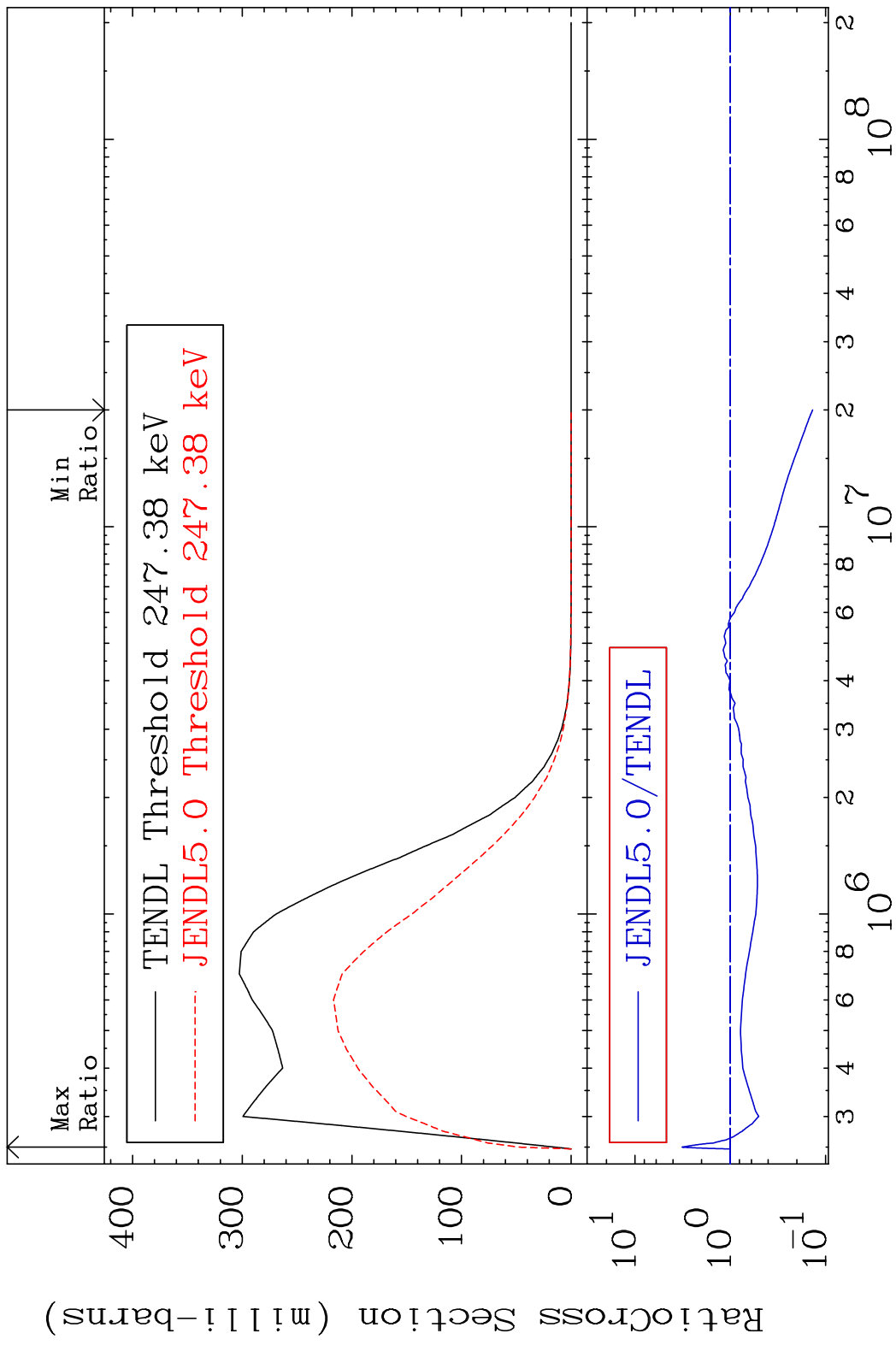
MAT 6337 MT= 53 (n, n') Level 63-Eu-155
 Cross Section -92.30 To 260.2 %



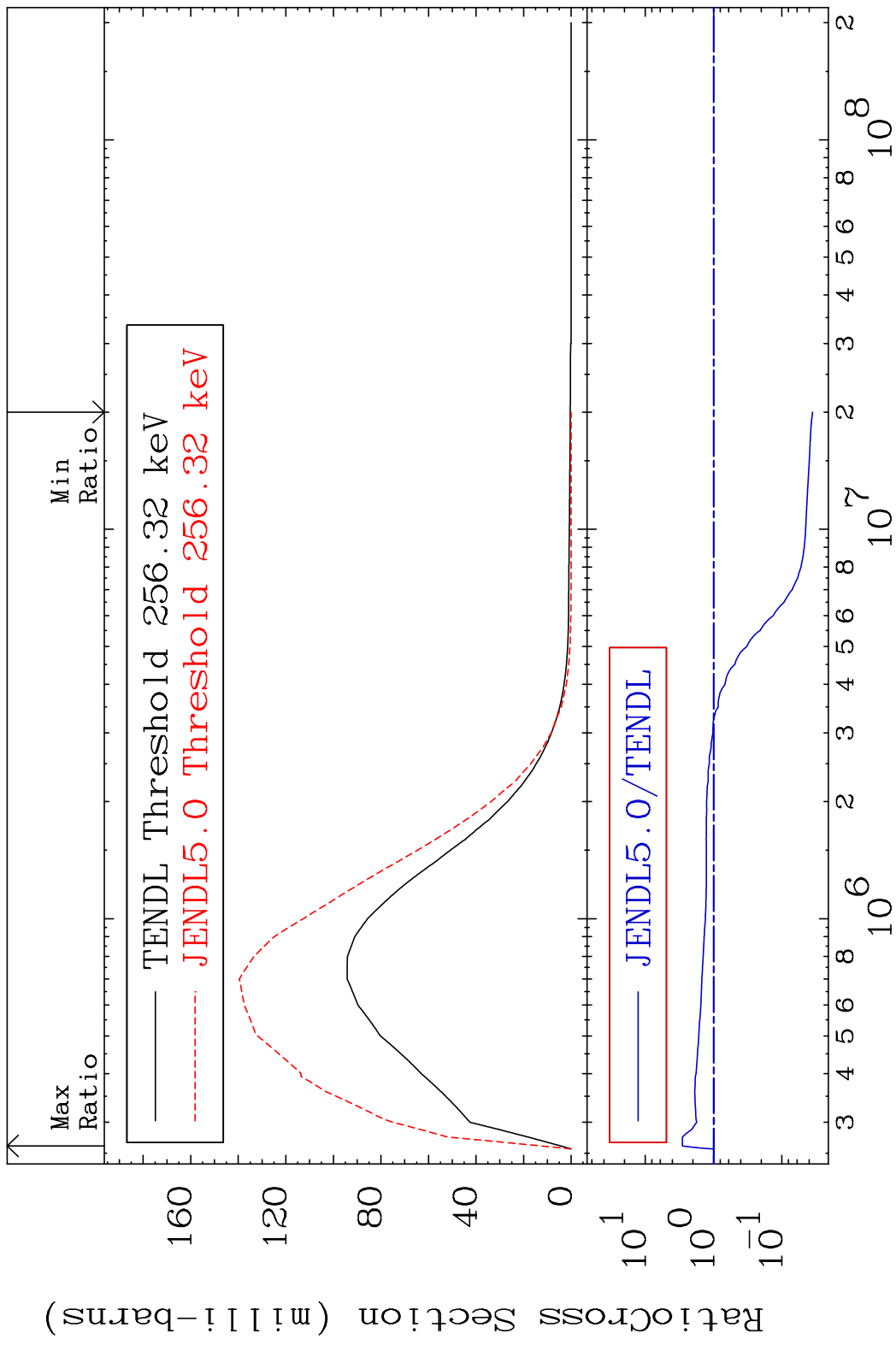
MAT 6337 MT= 54 (n,n') Level 63-Eu-155
 Cross Section -56.14 To 9999. %



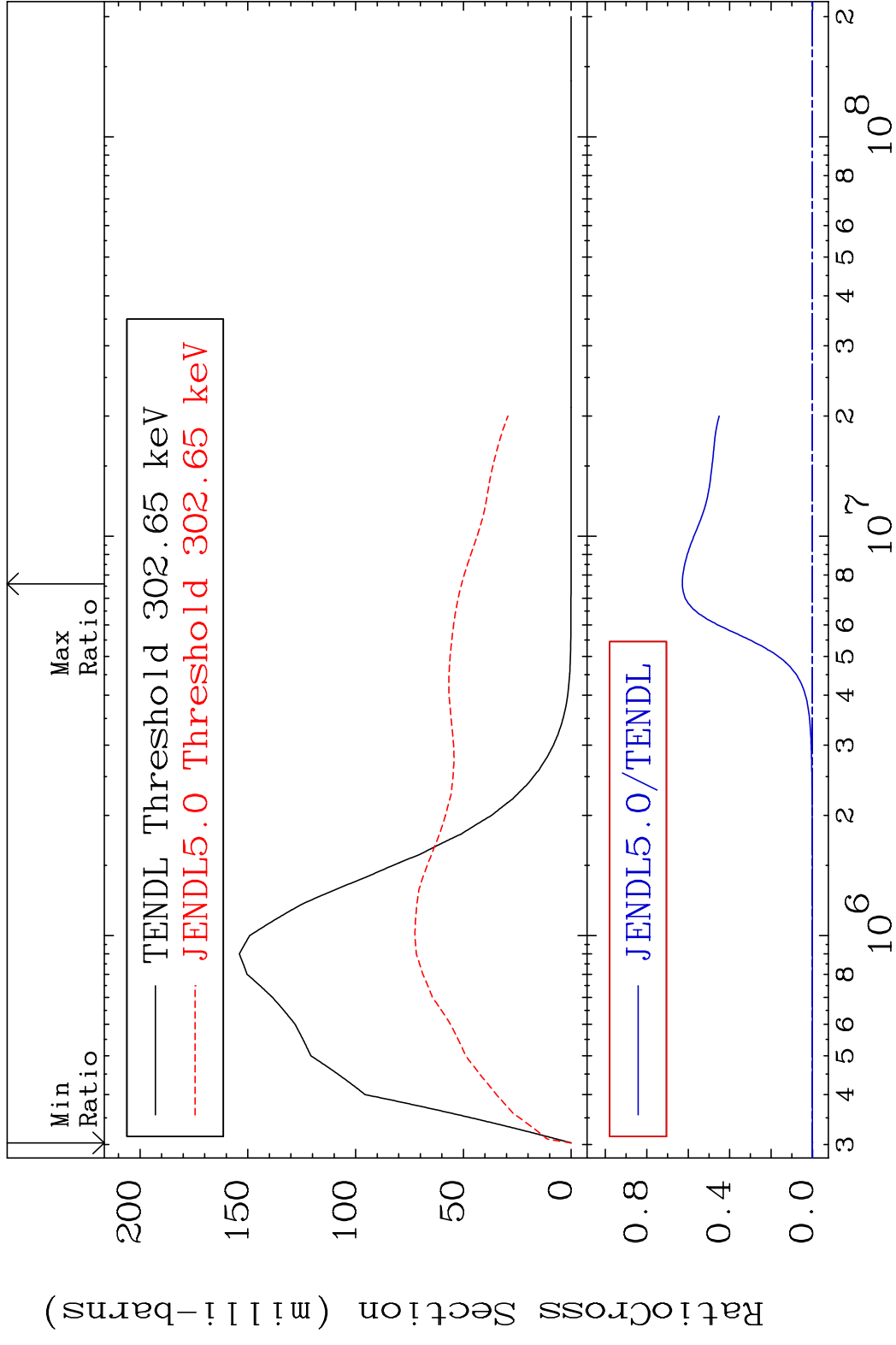
MAT 6337 MT= 55 (n,n') Level 63-Eu-155
 Cross Section -86.33 To 218.6 %



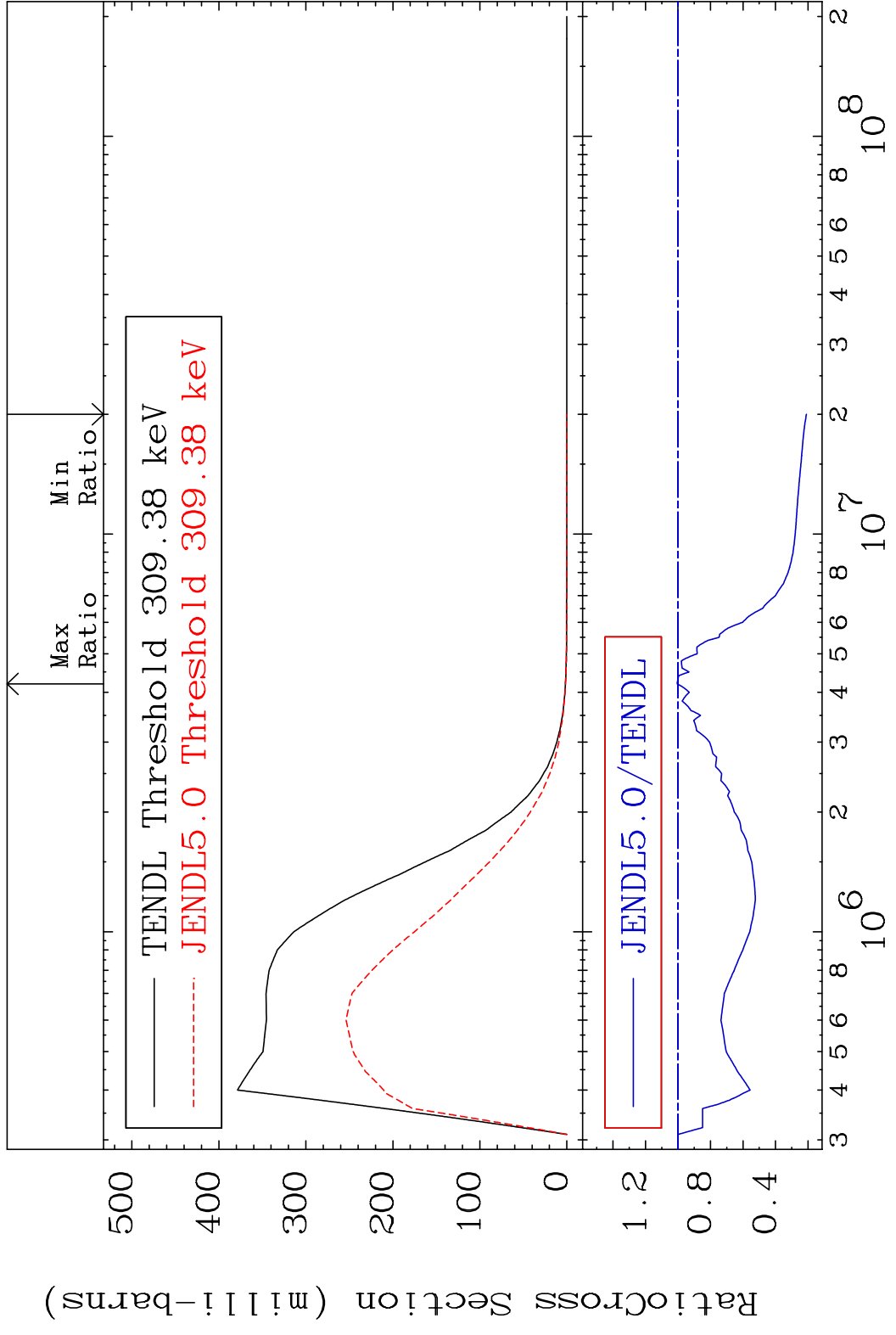
MAT 6337 MT= 56 (n,n') Level 63-Eu-155
 Cross Section -96.44 To 185.7 %



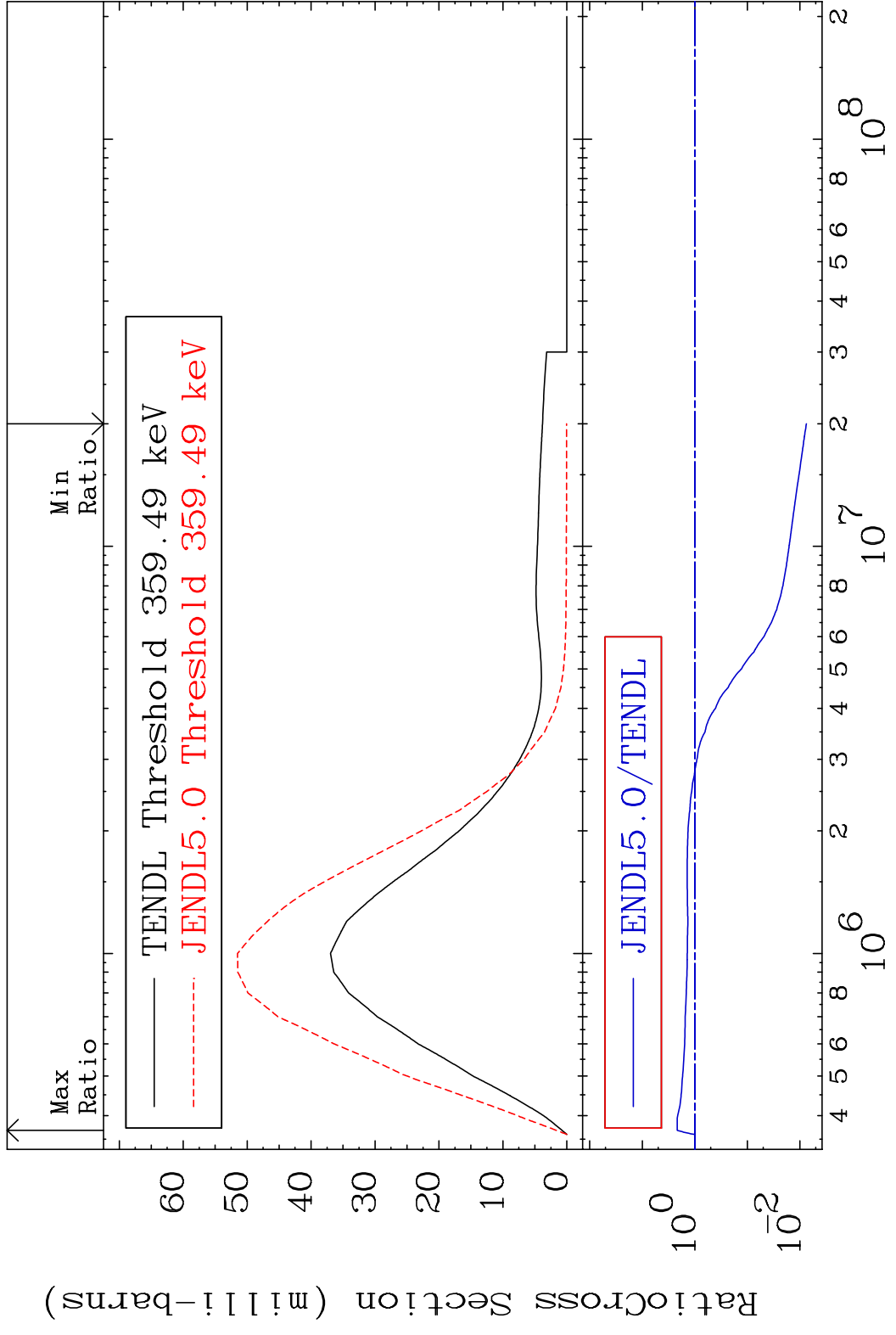
MAT 6337 MT= 57 (n, n') Level 63-Eu-155
 Cross Section -100.0 To 9999. %



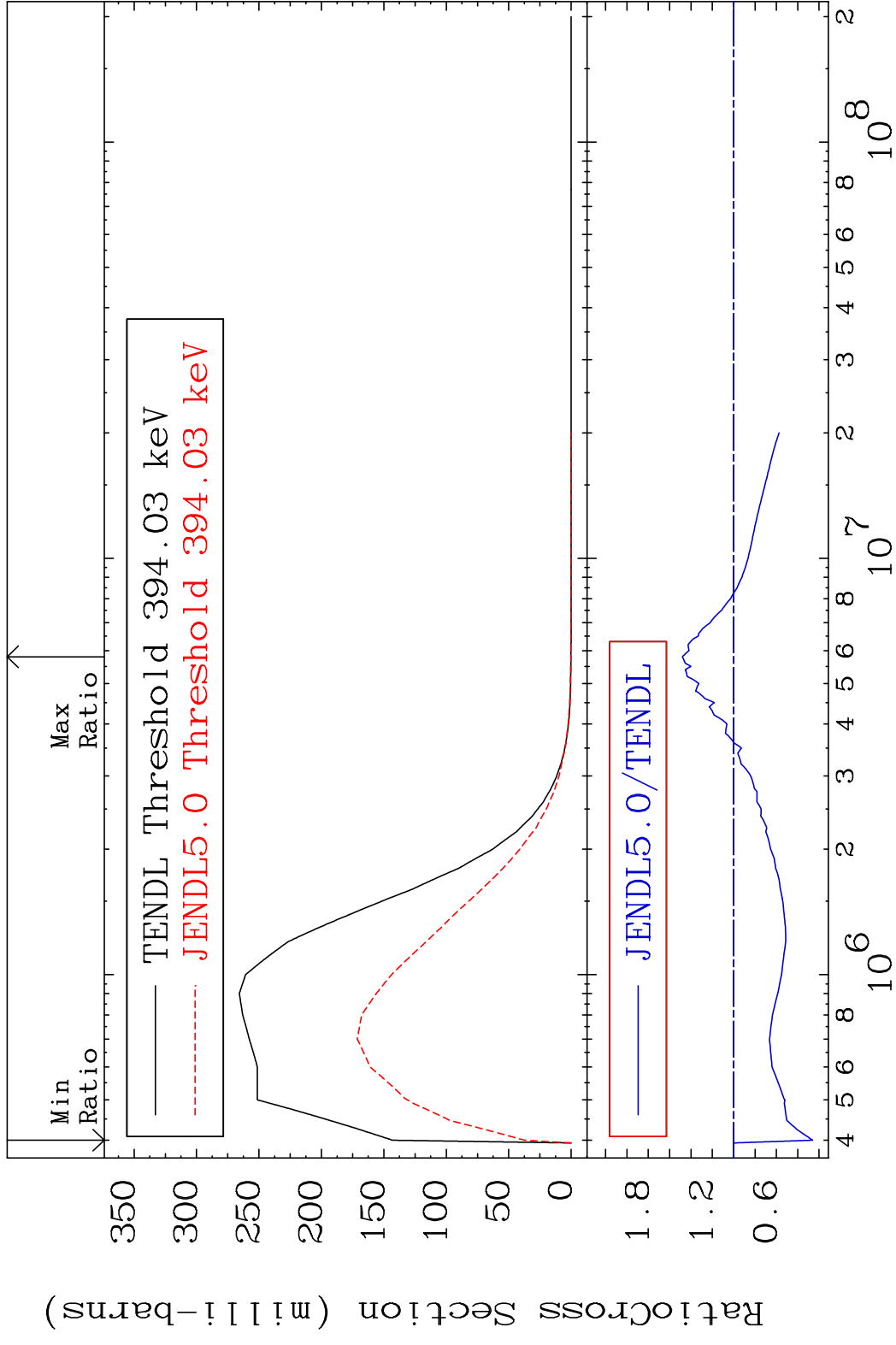
MAT 6337 MT= 58 (n,n') Level 63-Eu-155
 Cross Section -79.02 To 0.492 %



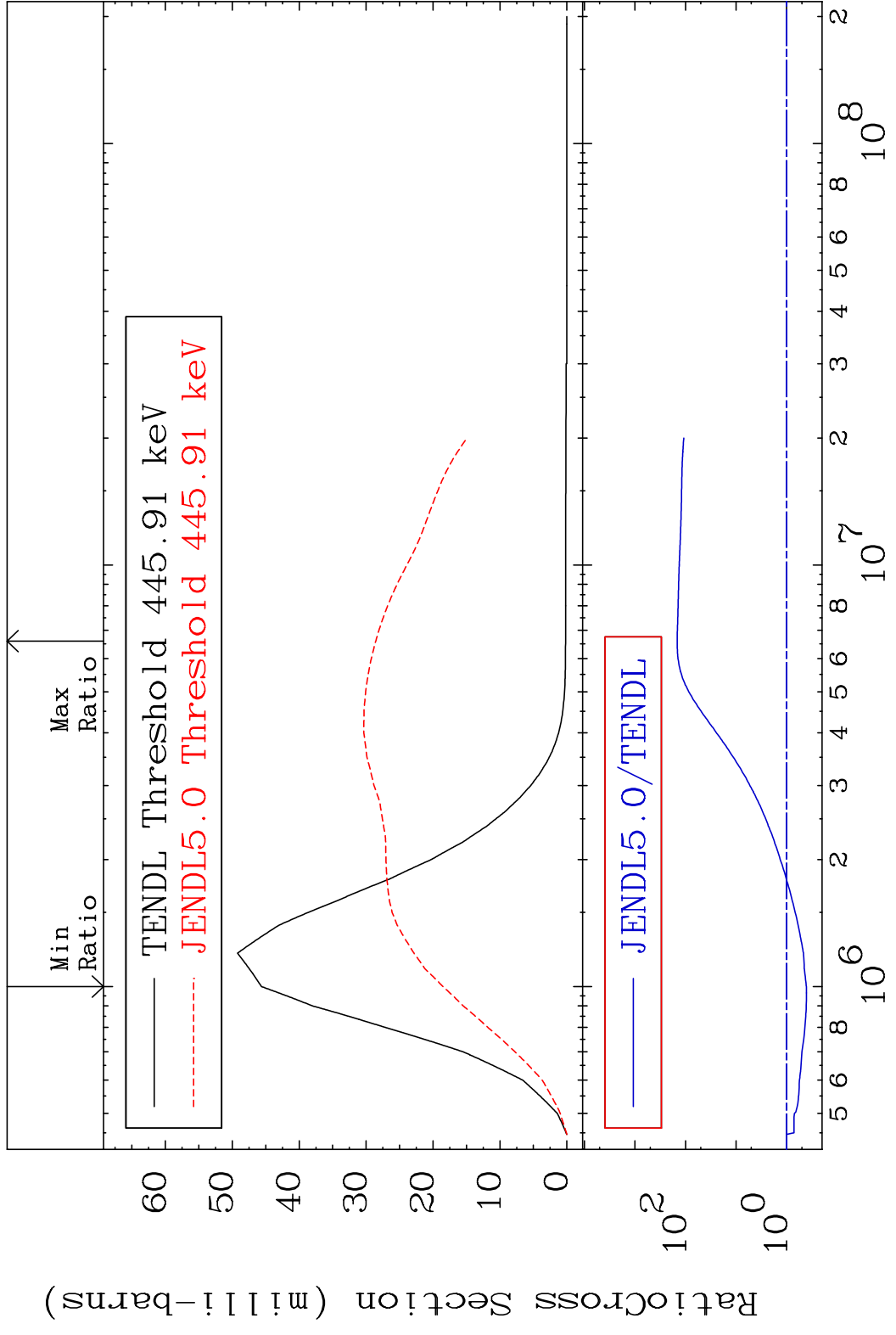
MAT 6337 MT= 59 (n, n') Level 63-Eu-155
 Cross Section -99.24 To 116.9 %



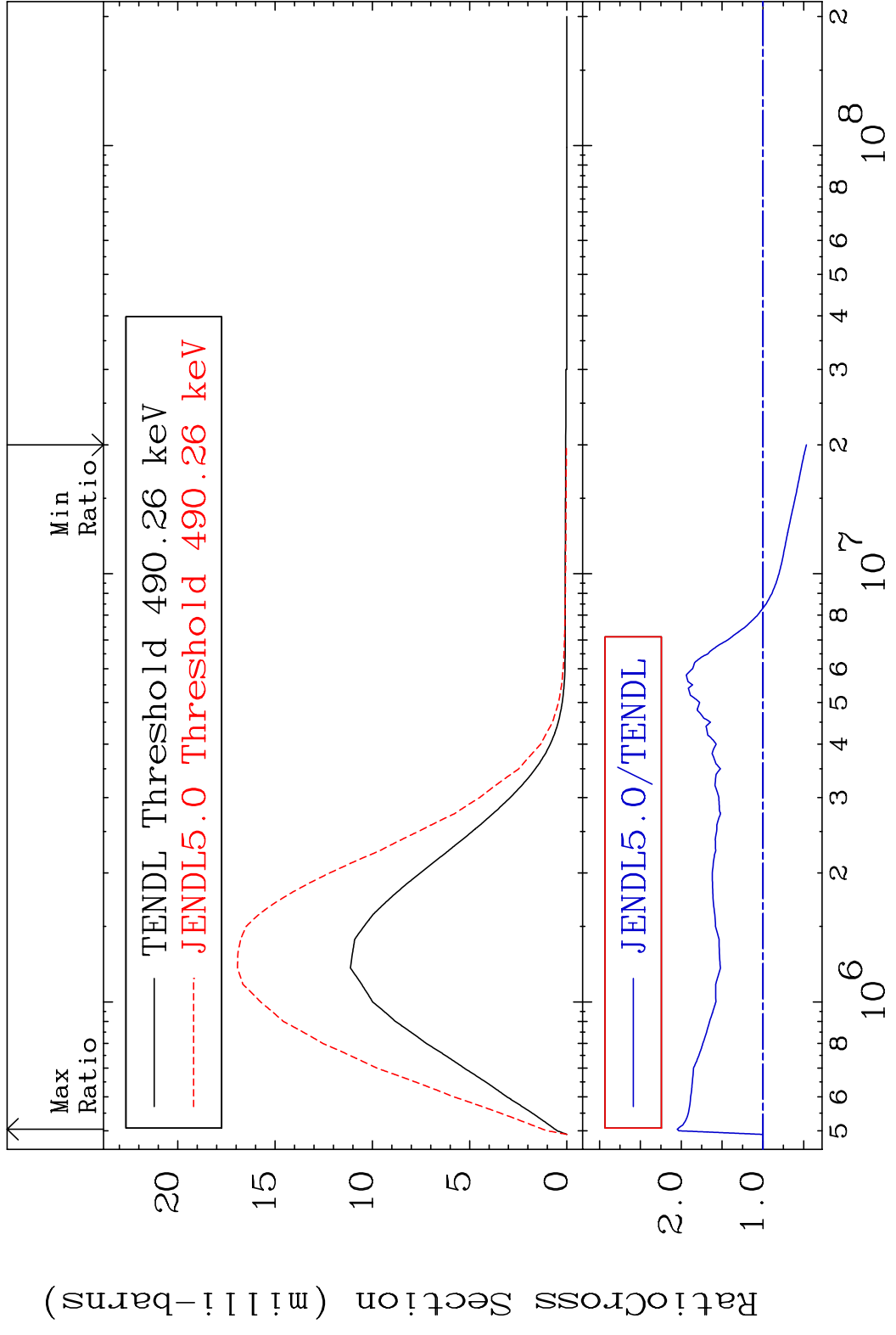
MAT 6337 MT= 60 (n, n') Level 63-Eu-155
 Cross Section -73.89 To 48.09 %



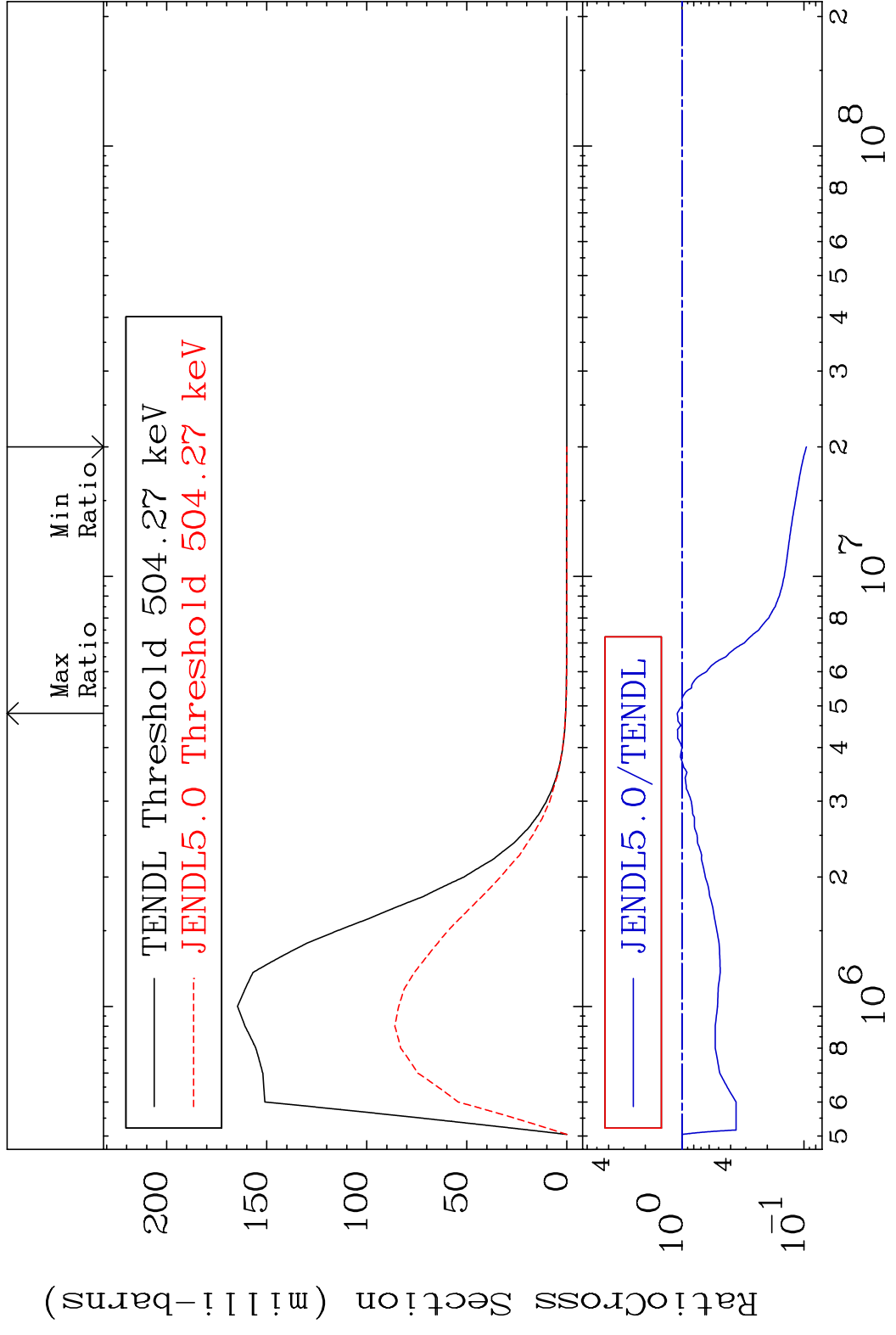
MAT 6337 MT= 61 (n, n') Level 63-Eu-155
 Cross Section -59.42 To 9999. %



MAT 6337 MT= 62 (n, n') Level 63-Eu-155
 Cross Section -53.13 To 105.0 %



MAT 6337 MT= 63 (n, n') Level 63-Eu-155
 Cross Section -90.47 To 9.607 %

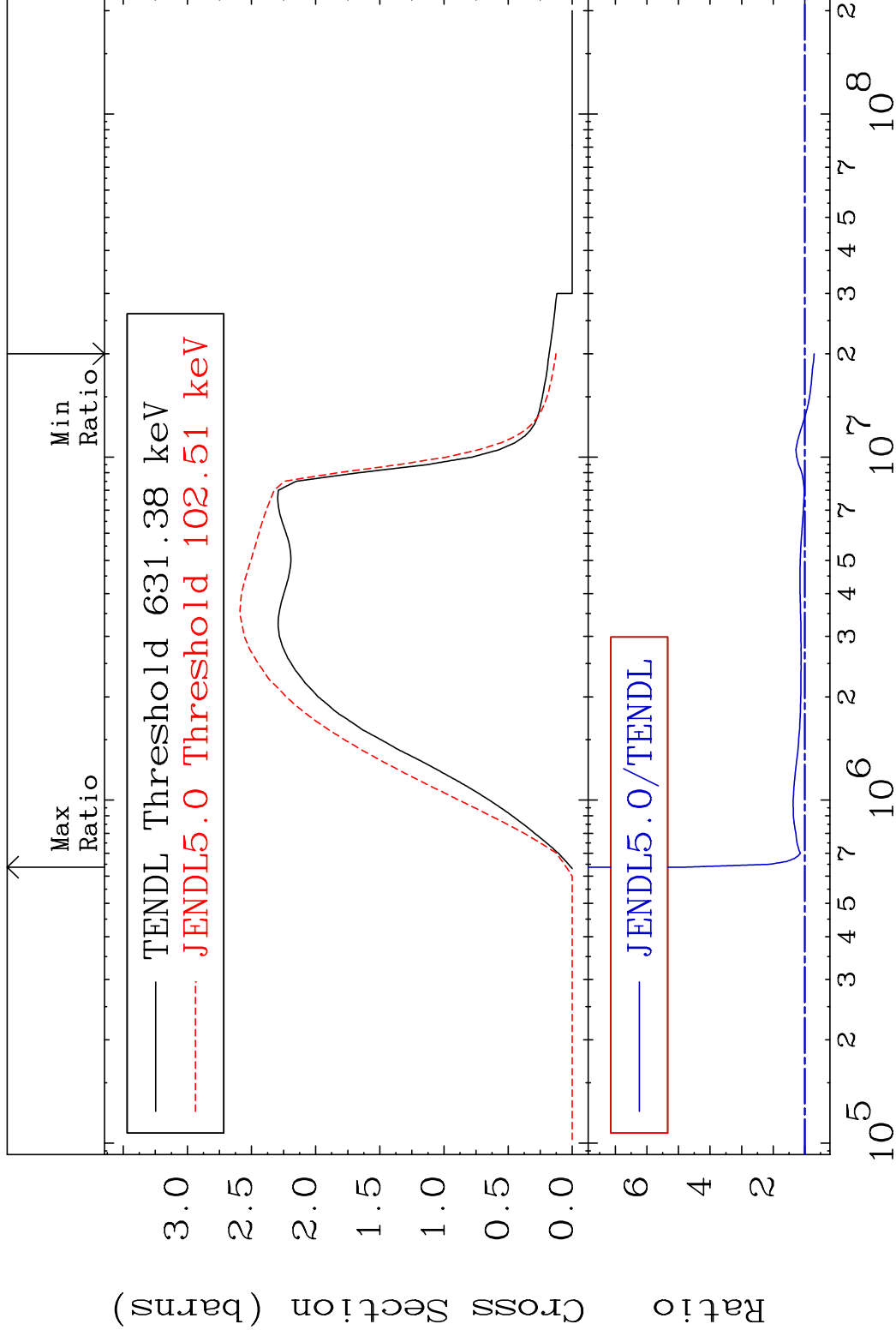


MAT 6337

(n,n') Continuum

63-Eu-155

Cross Section -29.68 To 383.7 %



24

Incident Energy (eV)

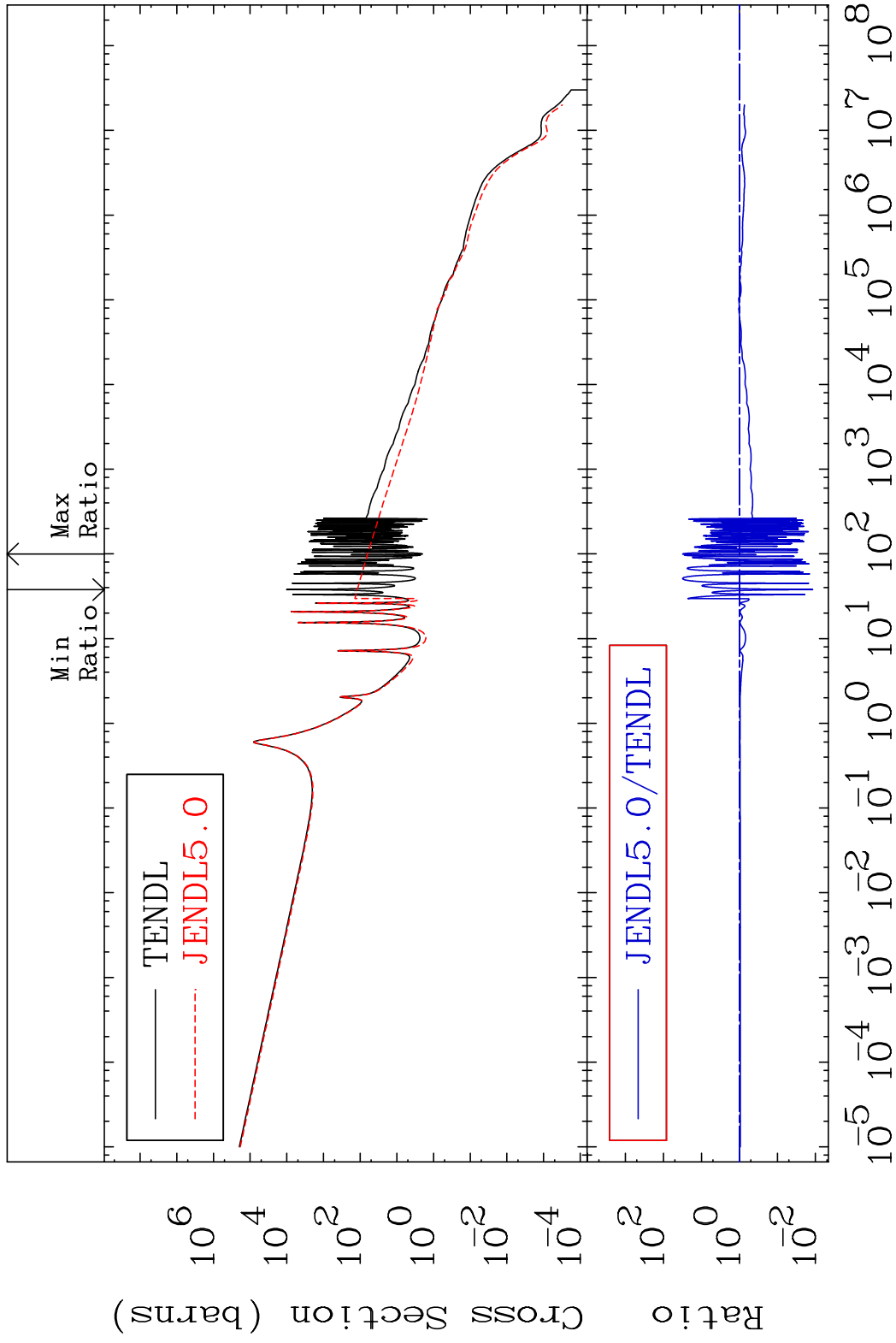
63-Eu-155

MAT 6337

(n, γ)

63-Eu-155

Cross Section -98.81 To 3078. %



25

Incident Energy (eV)

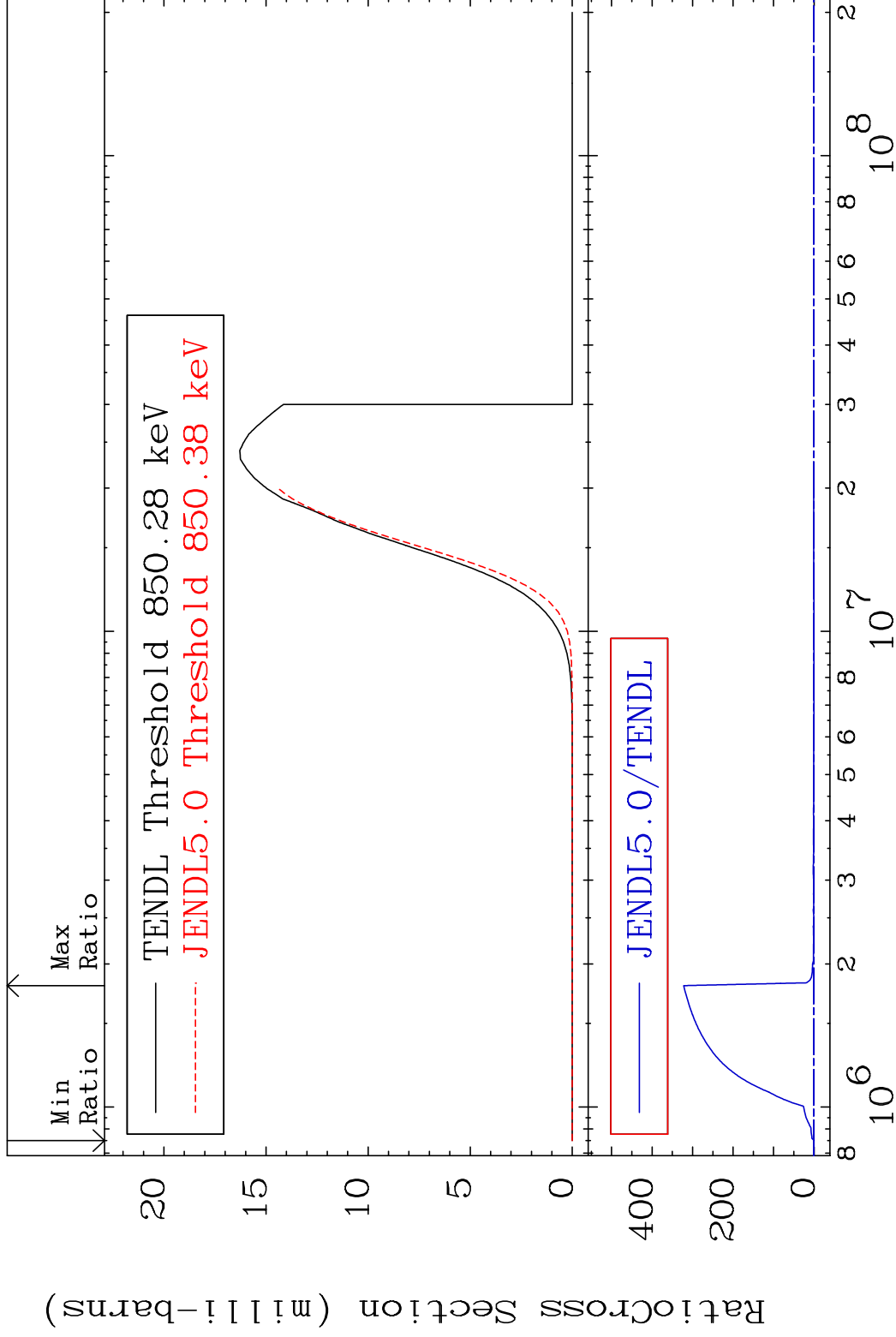
63-Eu-155

MAT 6337

(n,p)

63-Eu-155

Cross Section -100.0 To 9999. %

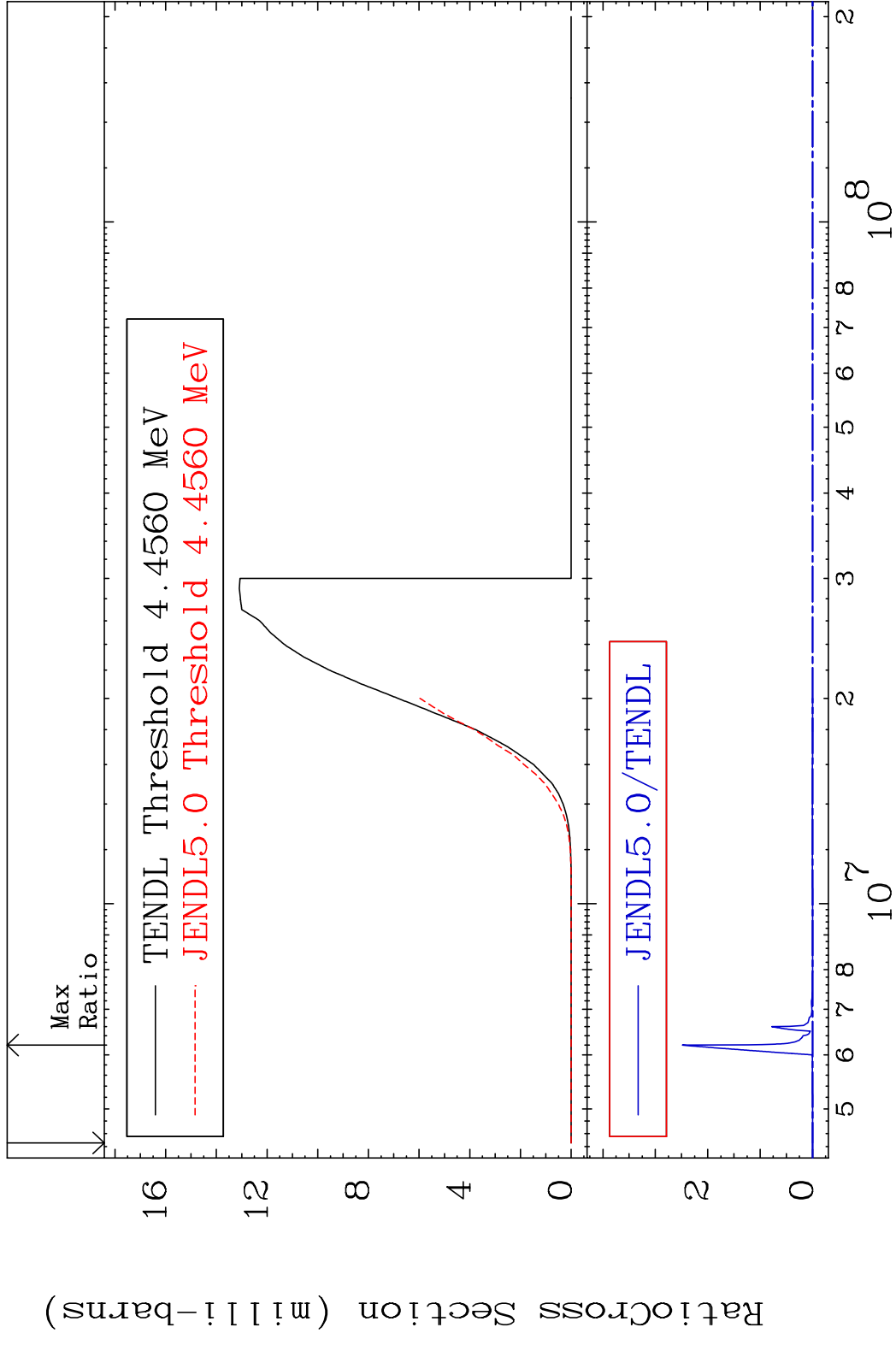


26

Incident Energy (eV)

63-Eu-155

MAT 6337 (n,d) 63-Eu-155
 Cross Section -100.0 To 9999. %

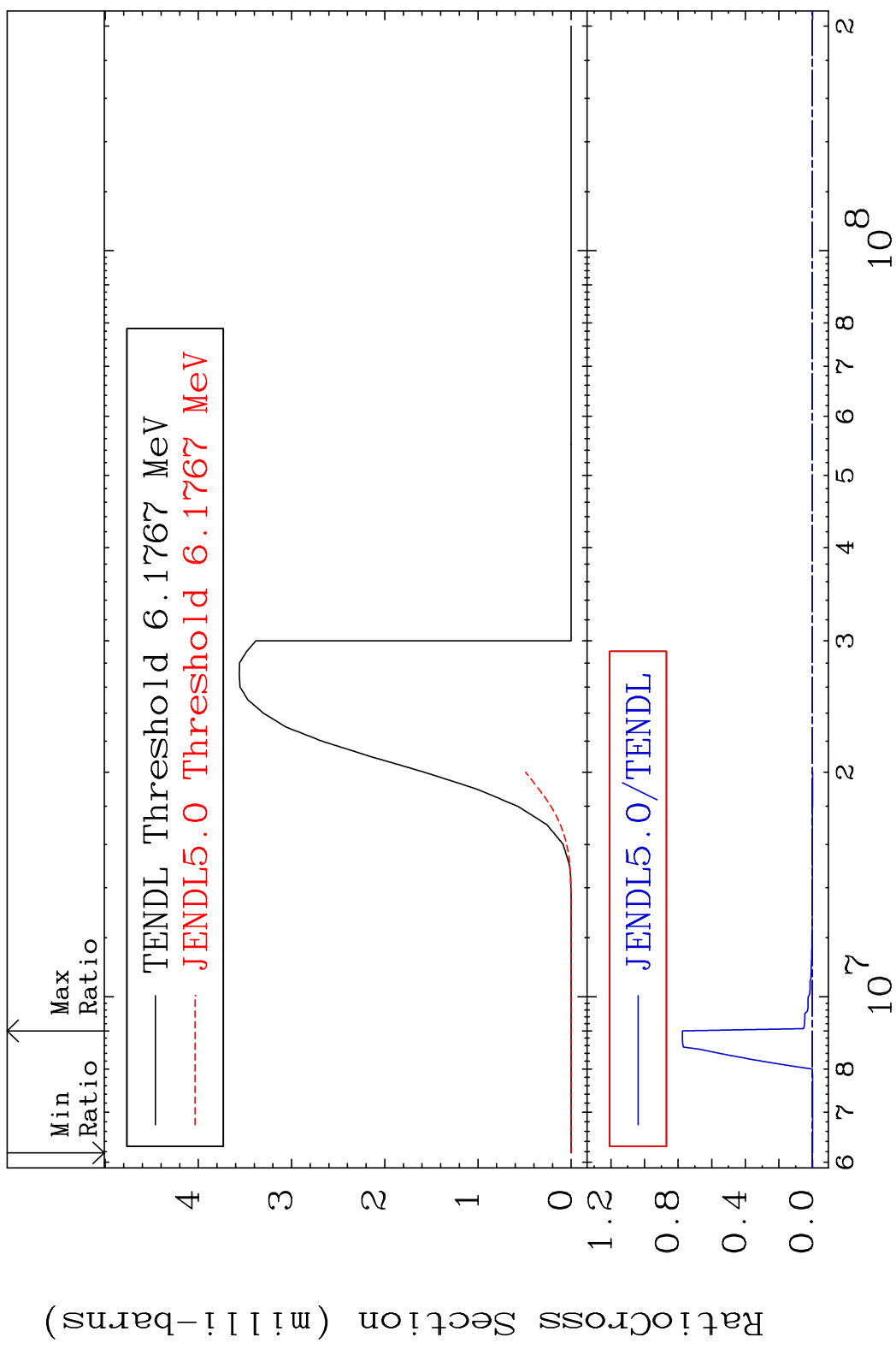


MAT 6337

(n, t)

63-Eu-155

Cross Section -100.0 To 9999. %

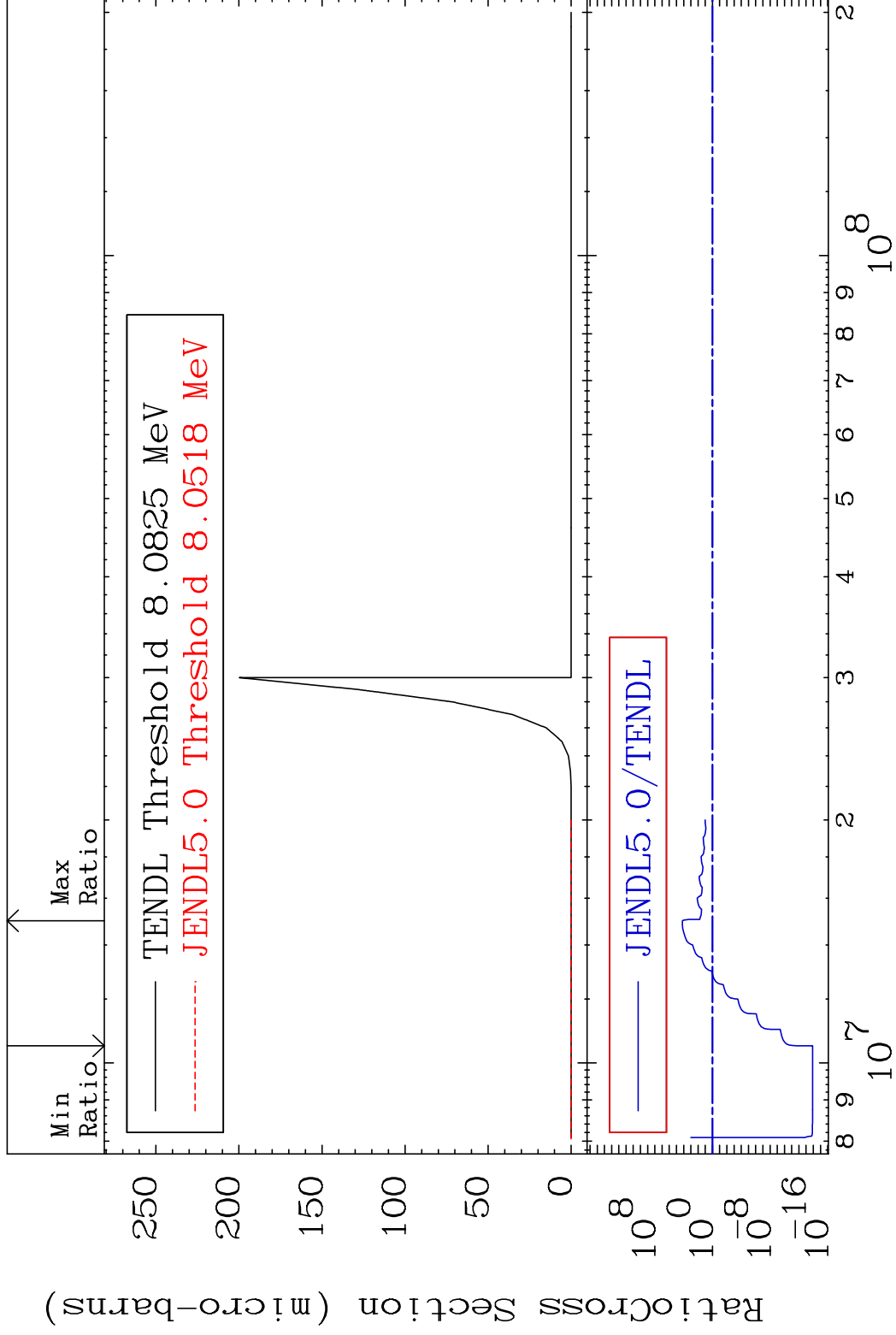


MAT 6337

(n, He-3)

63-Eu-155

Cross Section -100.0 To 9999. %



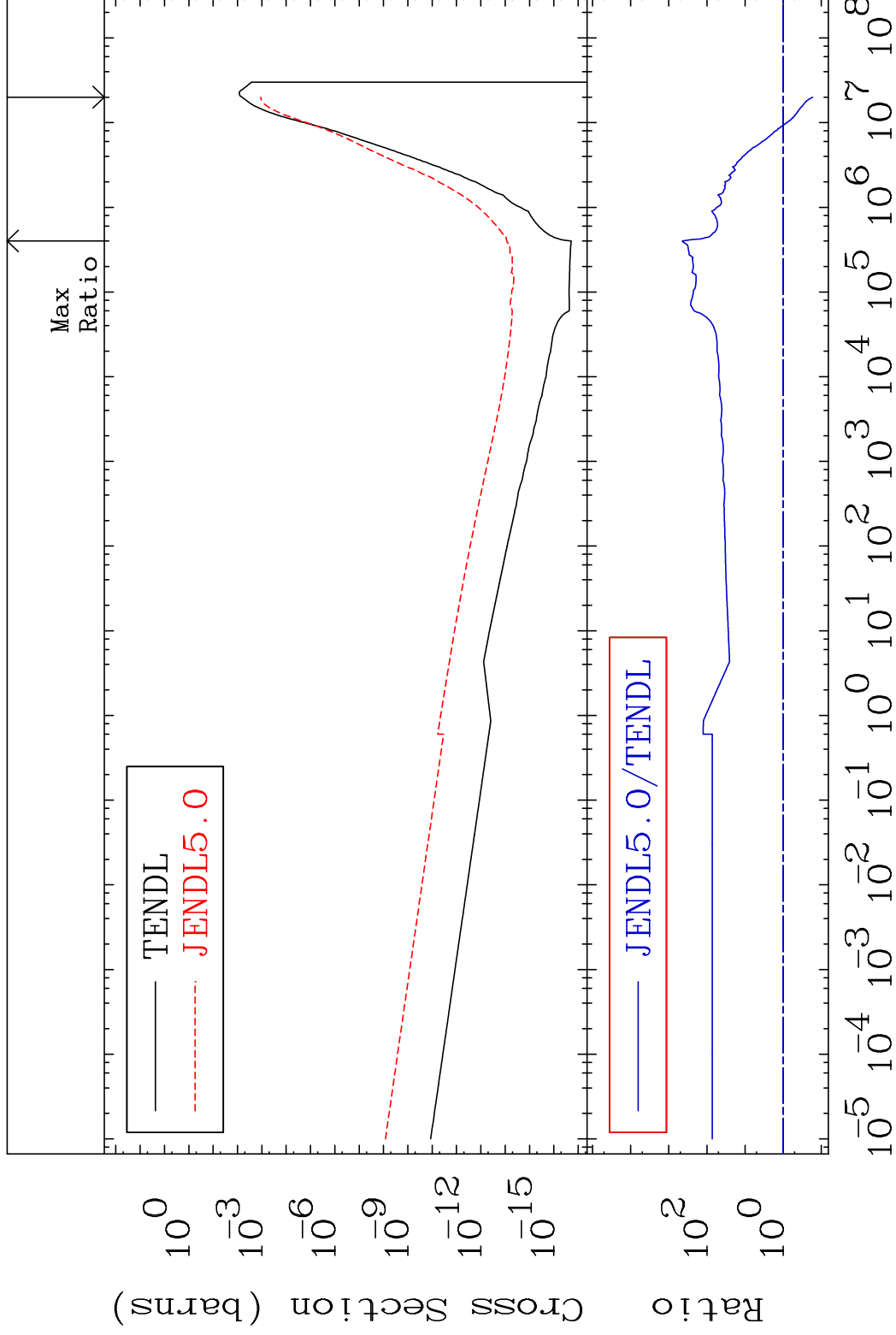
MAT 6337

(n, α)

63-Eu-155

Cross Section

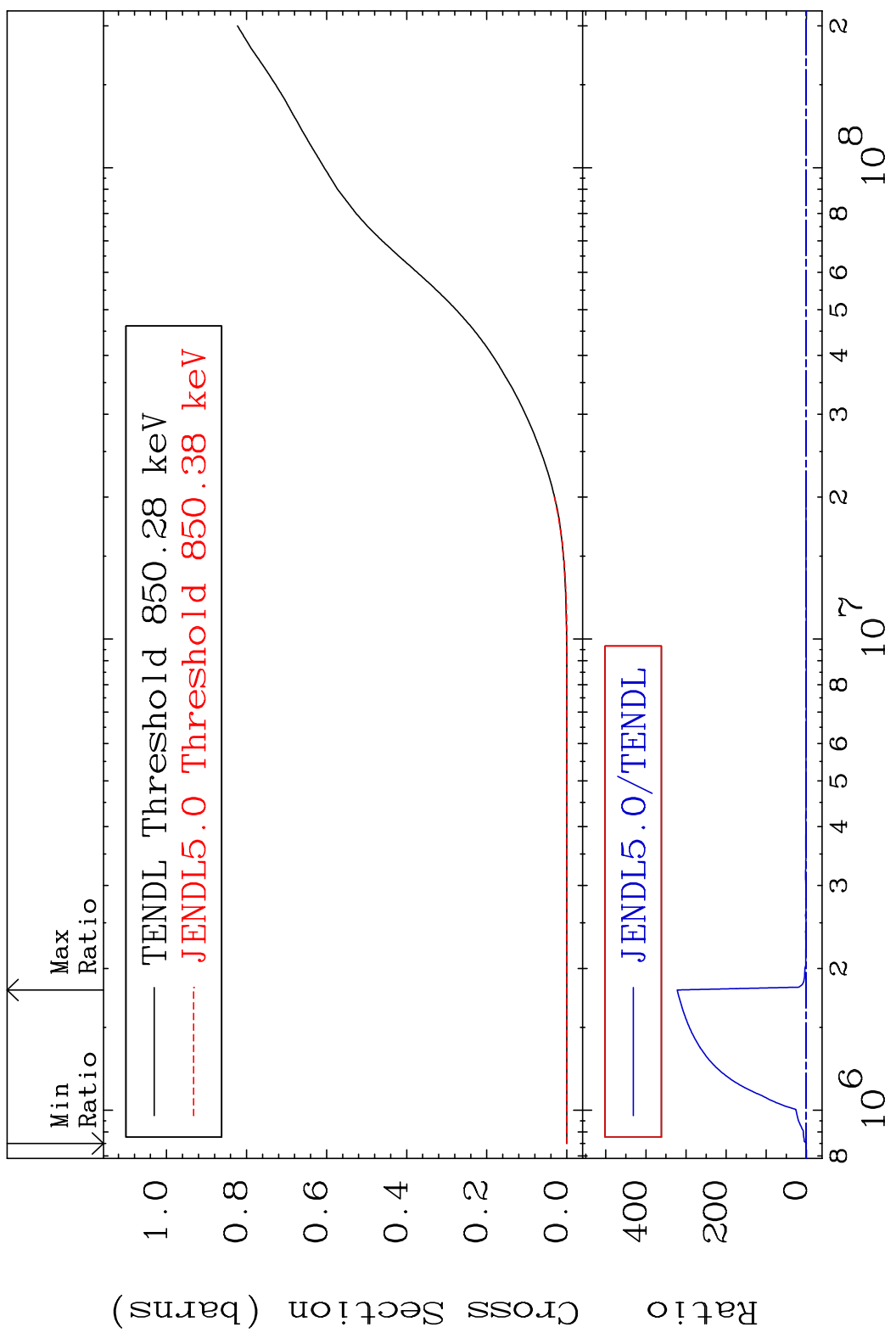
-83.09 To 9999. %



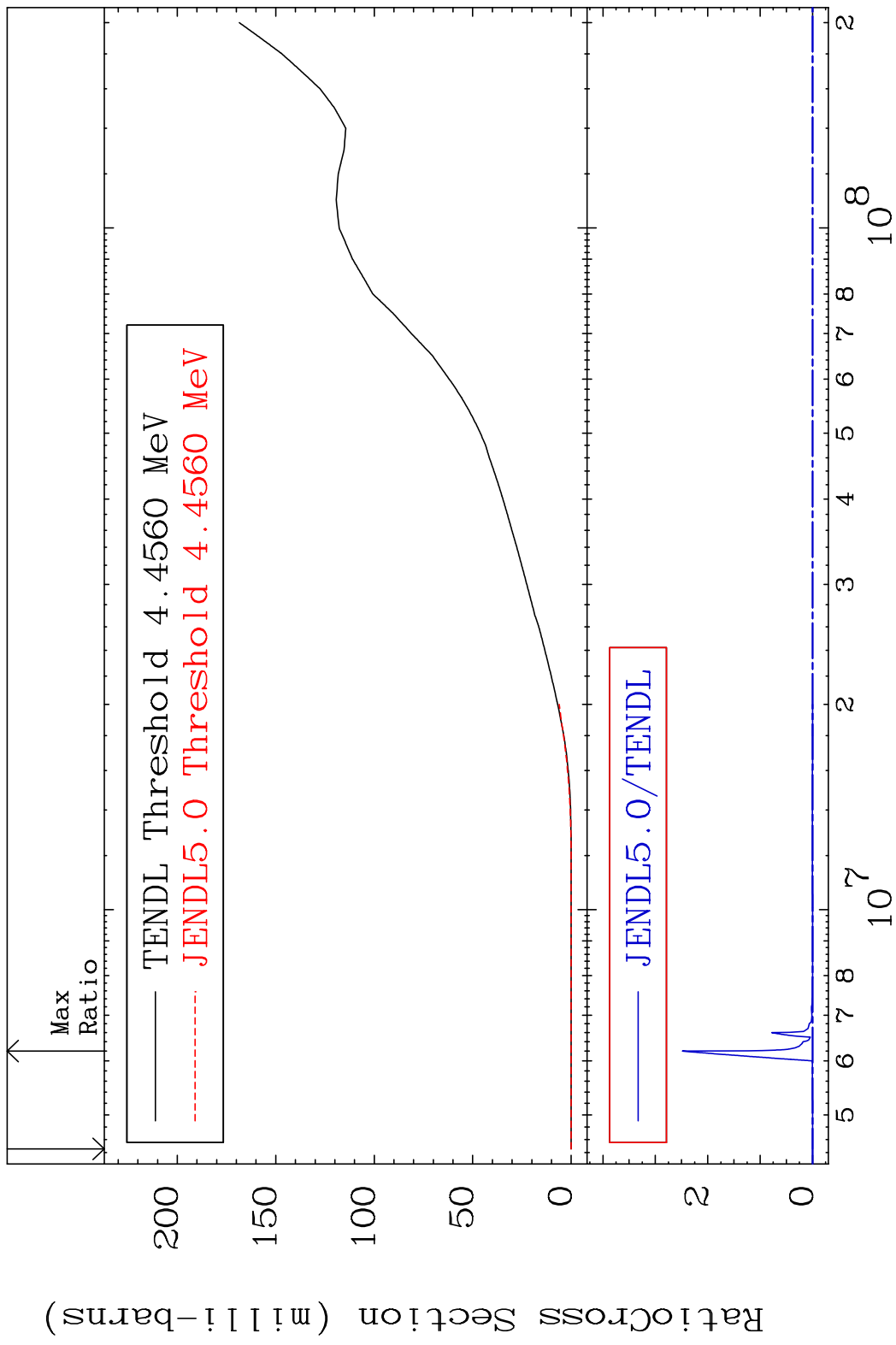
30

Incident Energy (eV)

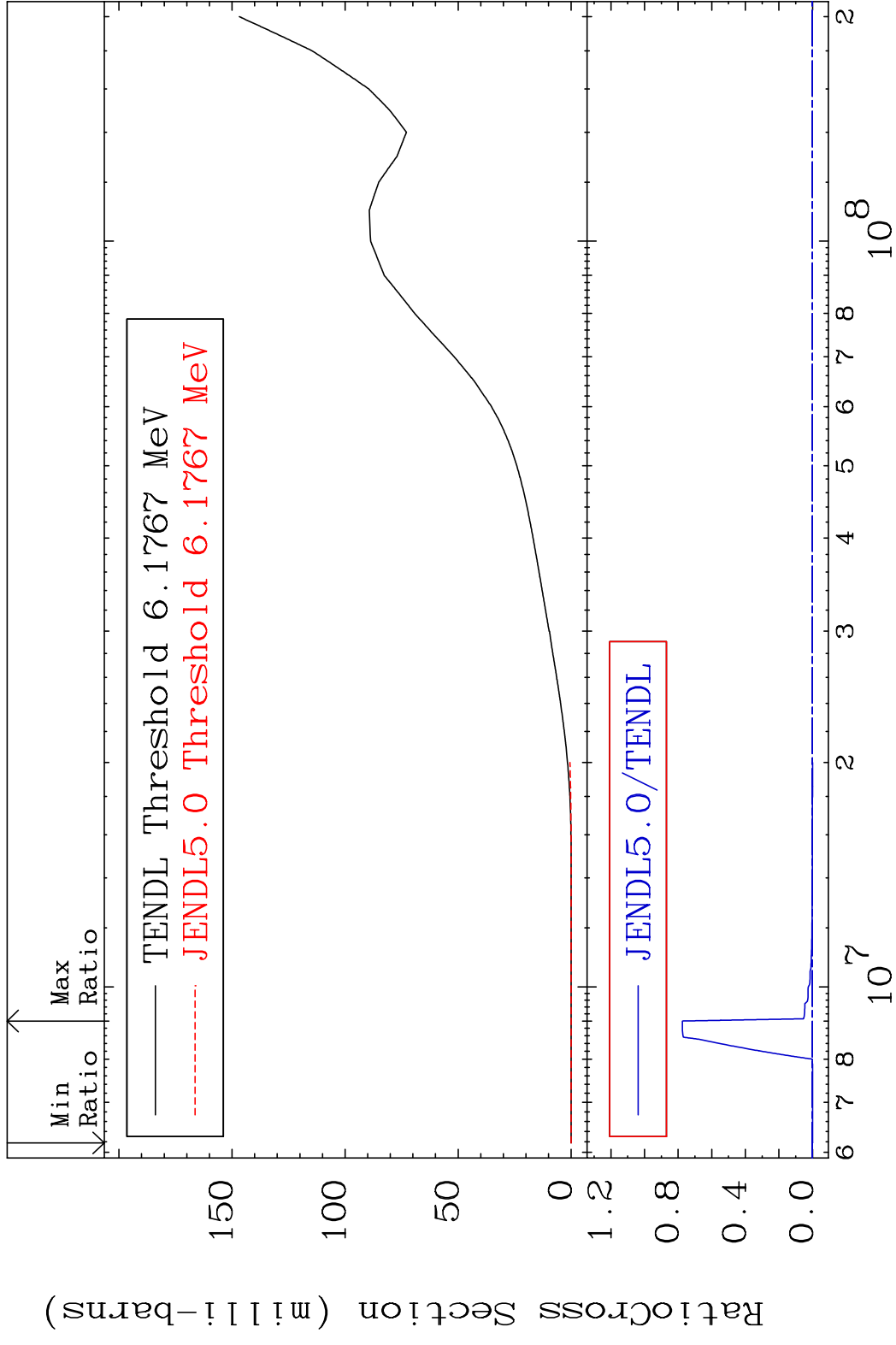
63-Eu-155



MAT 6337 Deuterium Production 63-Eu-155
 Cross Section -100.0 To 9999. %



MAT 6337 Tritium Production 63-Eu-155
 Cross Section -100.0 To 9999. %

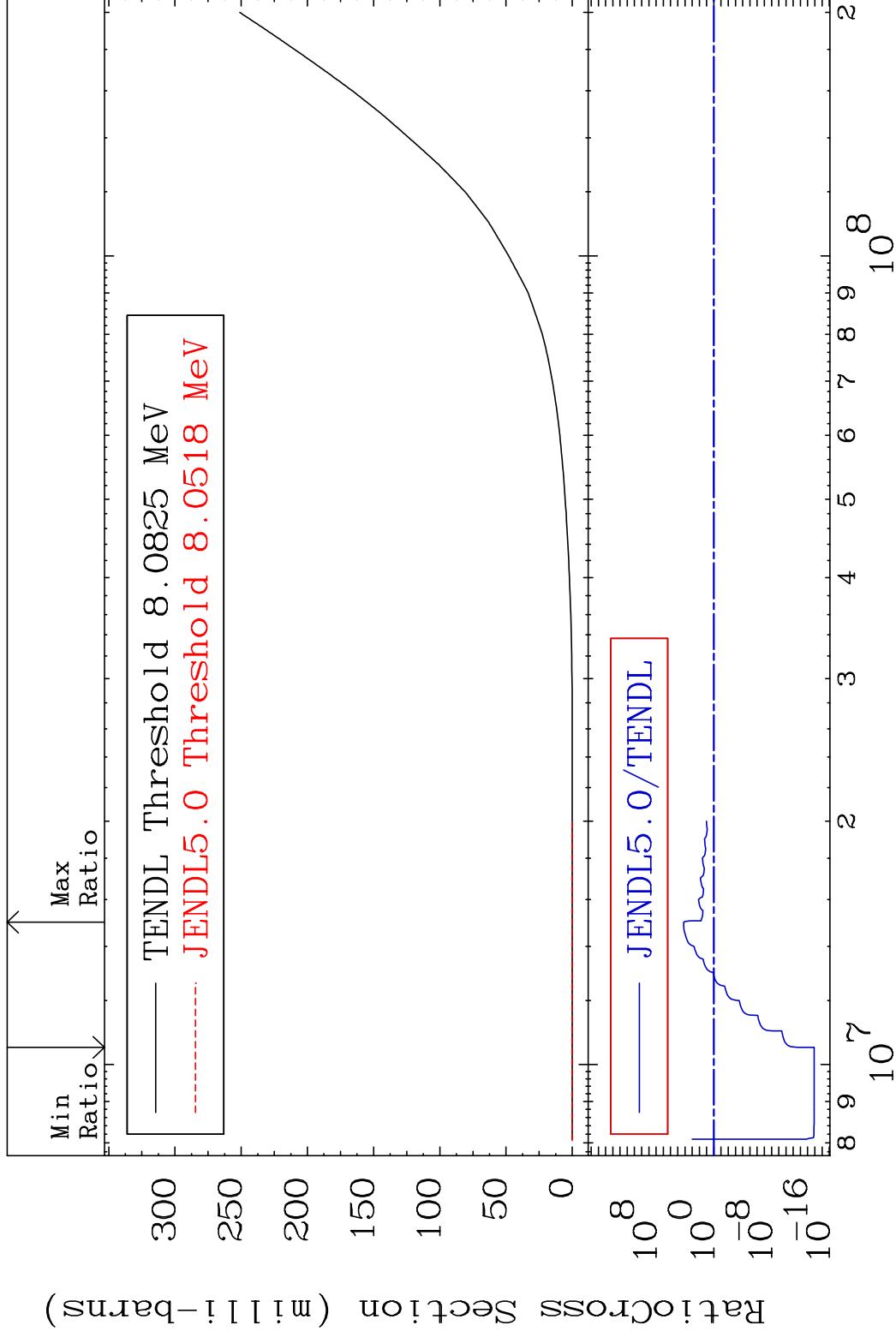


MAT 6337

He-3 Production

63-Eu-155

Cross Section -100.0 To 9999. %

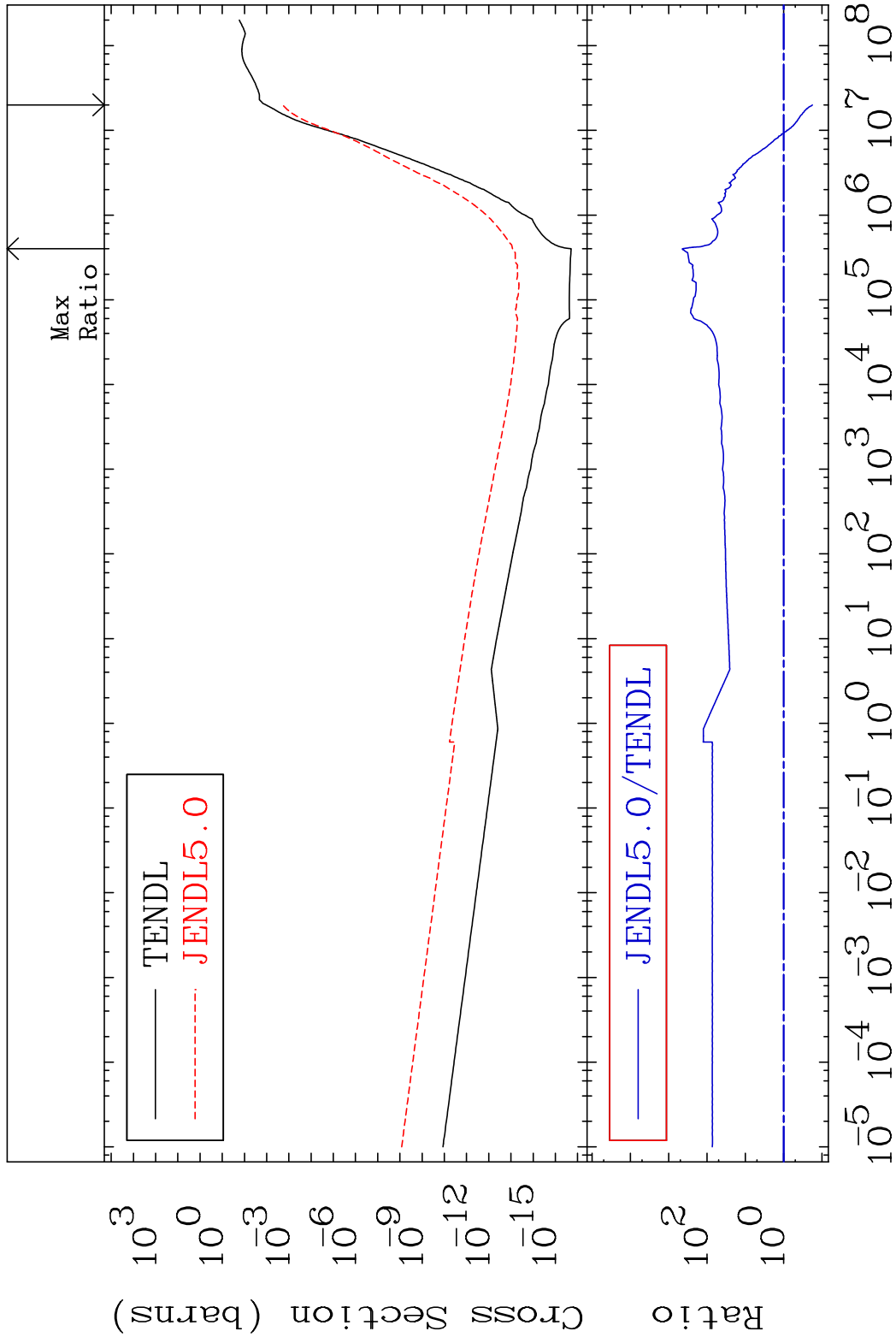


MAT 6337

He-4 Production

63-Eu-155

Cross Section -82.35 To 9999. %

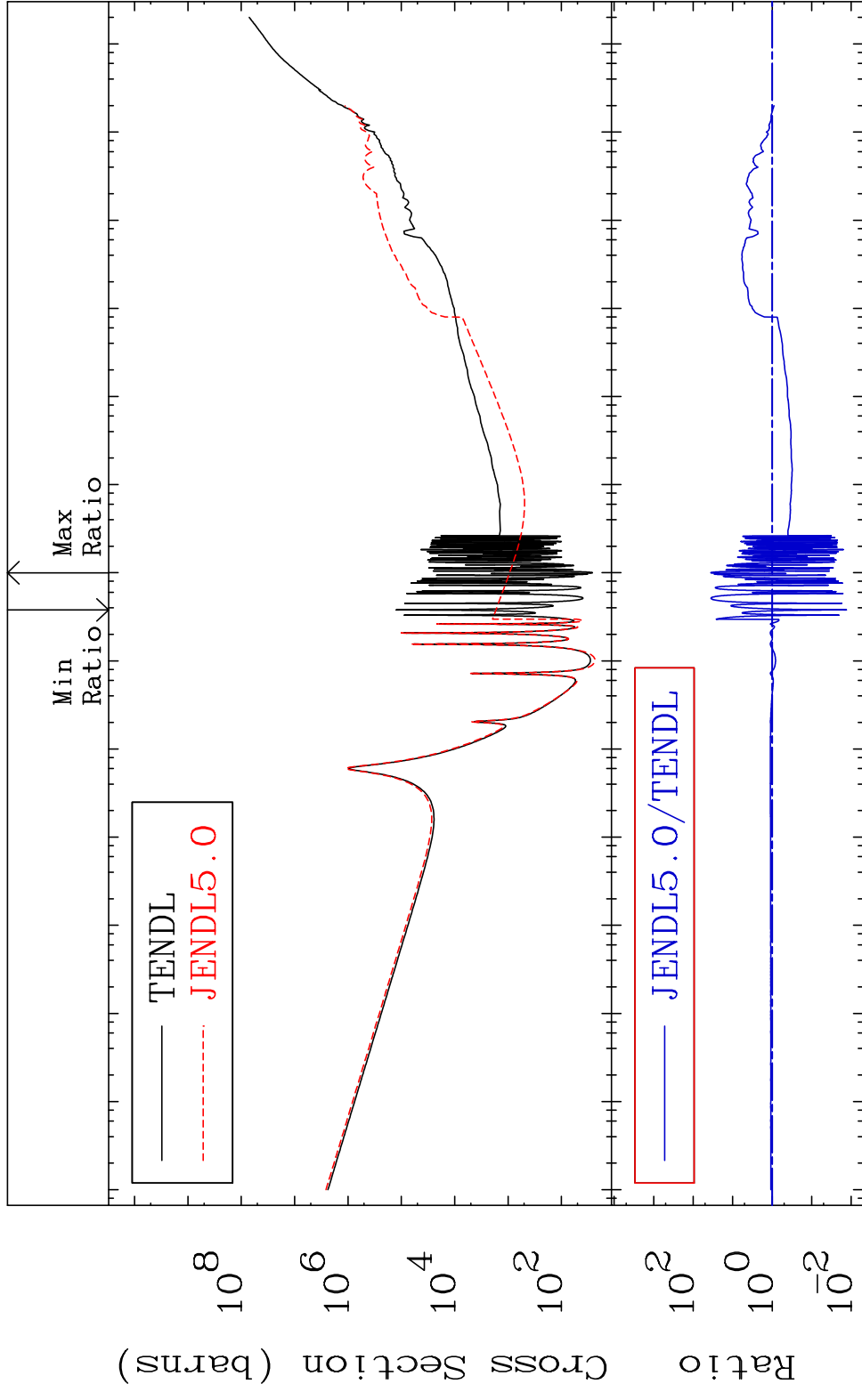


35

Incident Energy (eV)

63-Eu-155

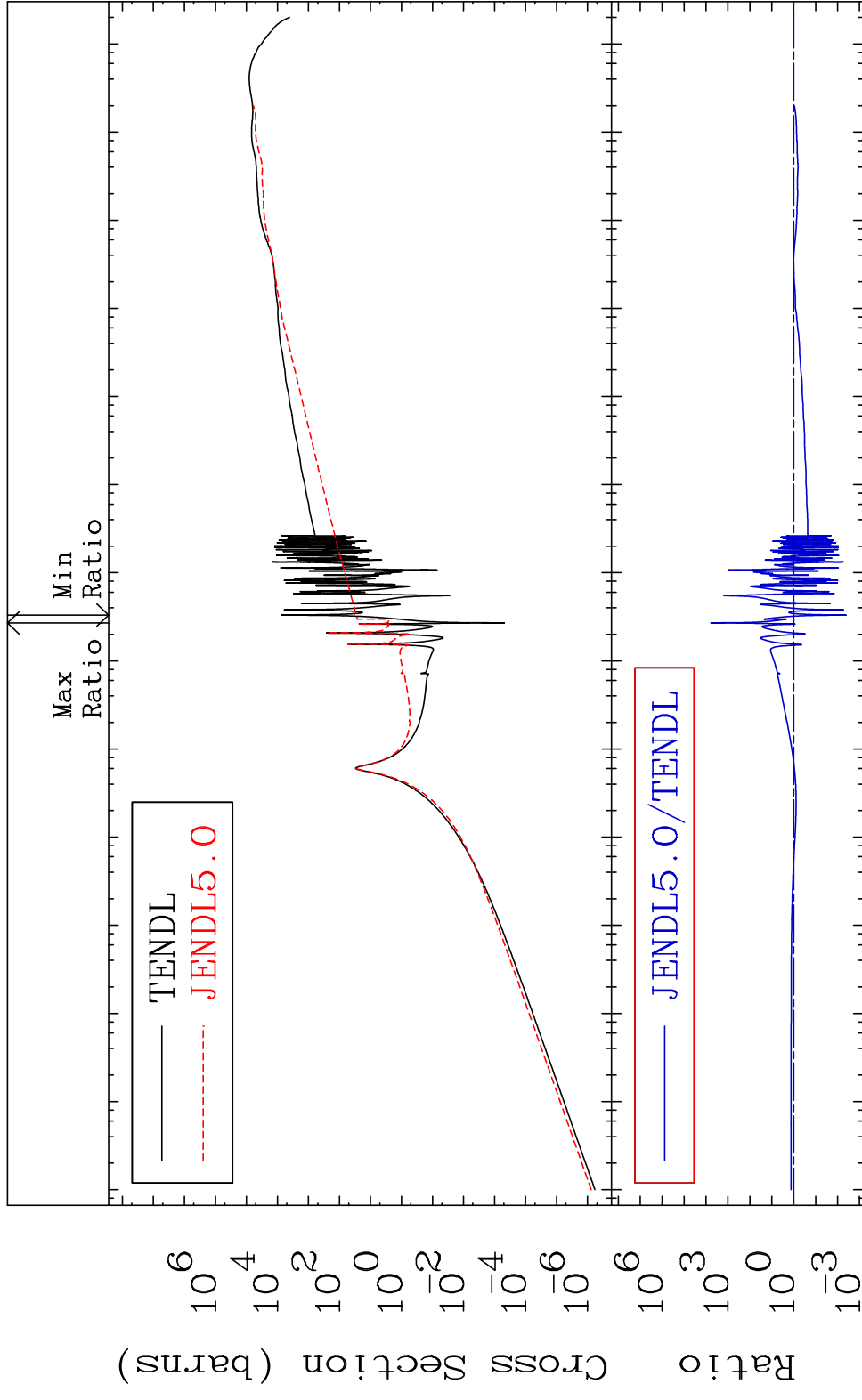
MAT 6337 Kerma total (eV-barns) 63-Eu-155
 Cross Section -98.67 To 3502. %



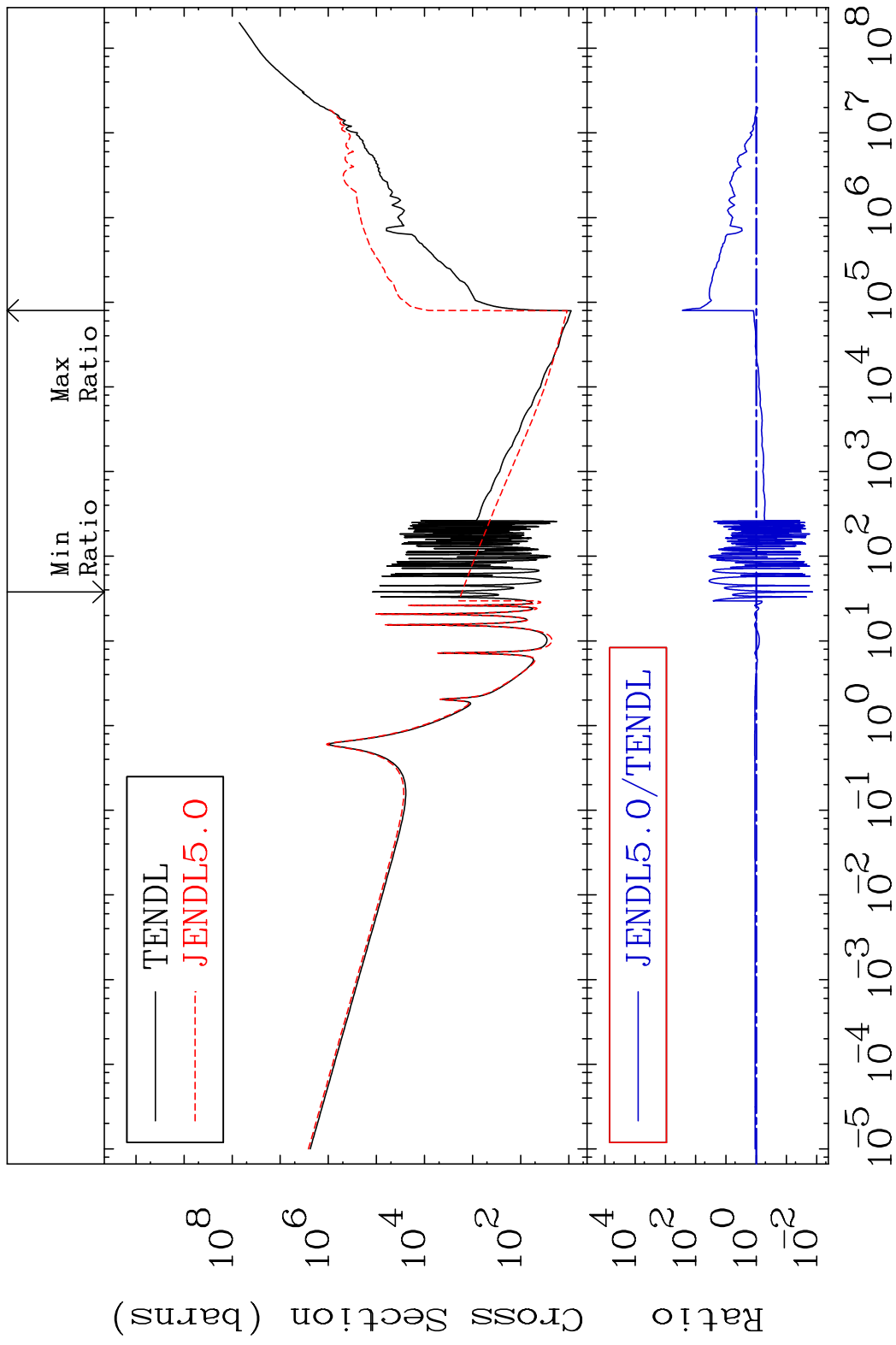
MAT 6337

Kerma elastic
Cross Section

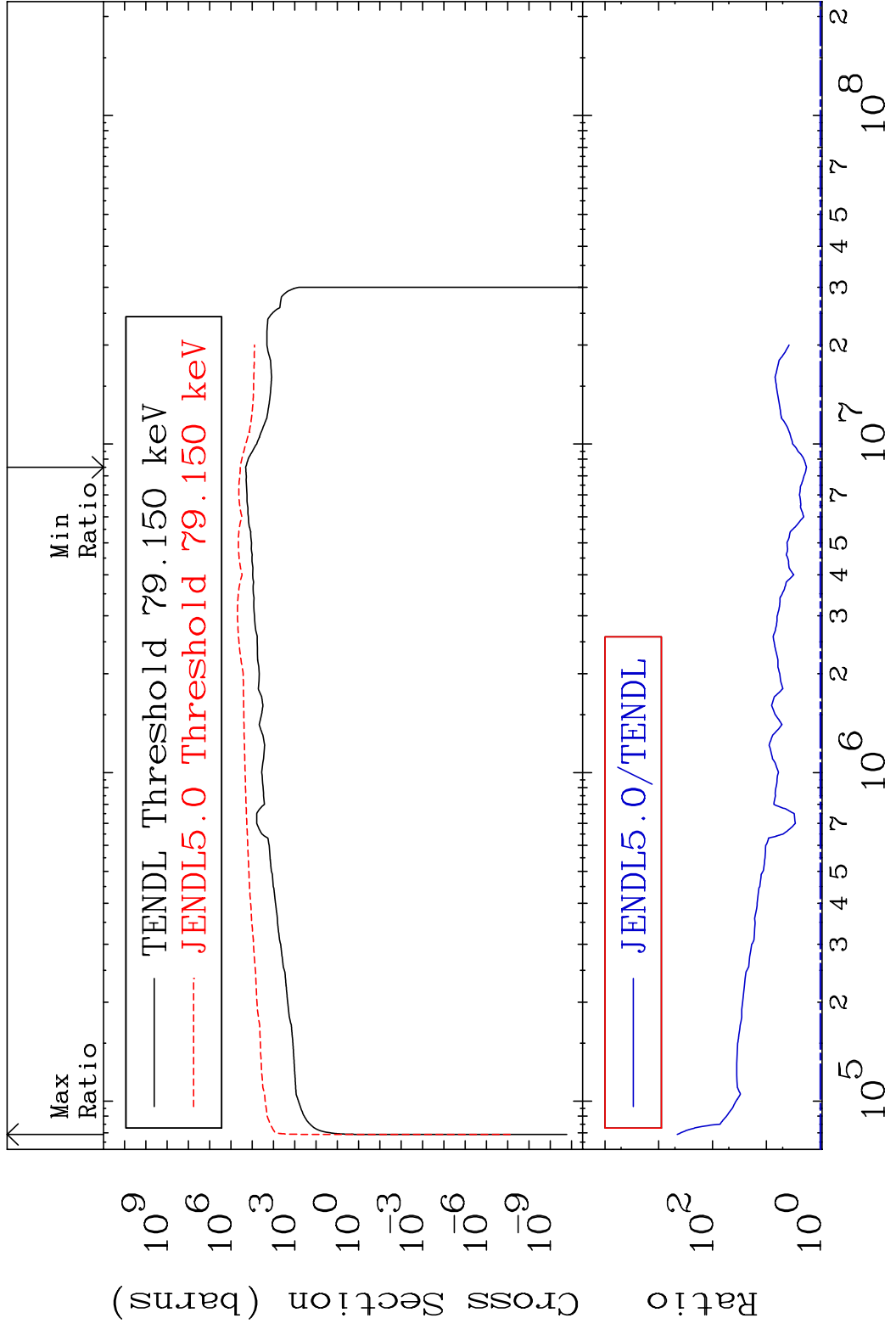
63-Eu-155
-99.60 To 9999. %



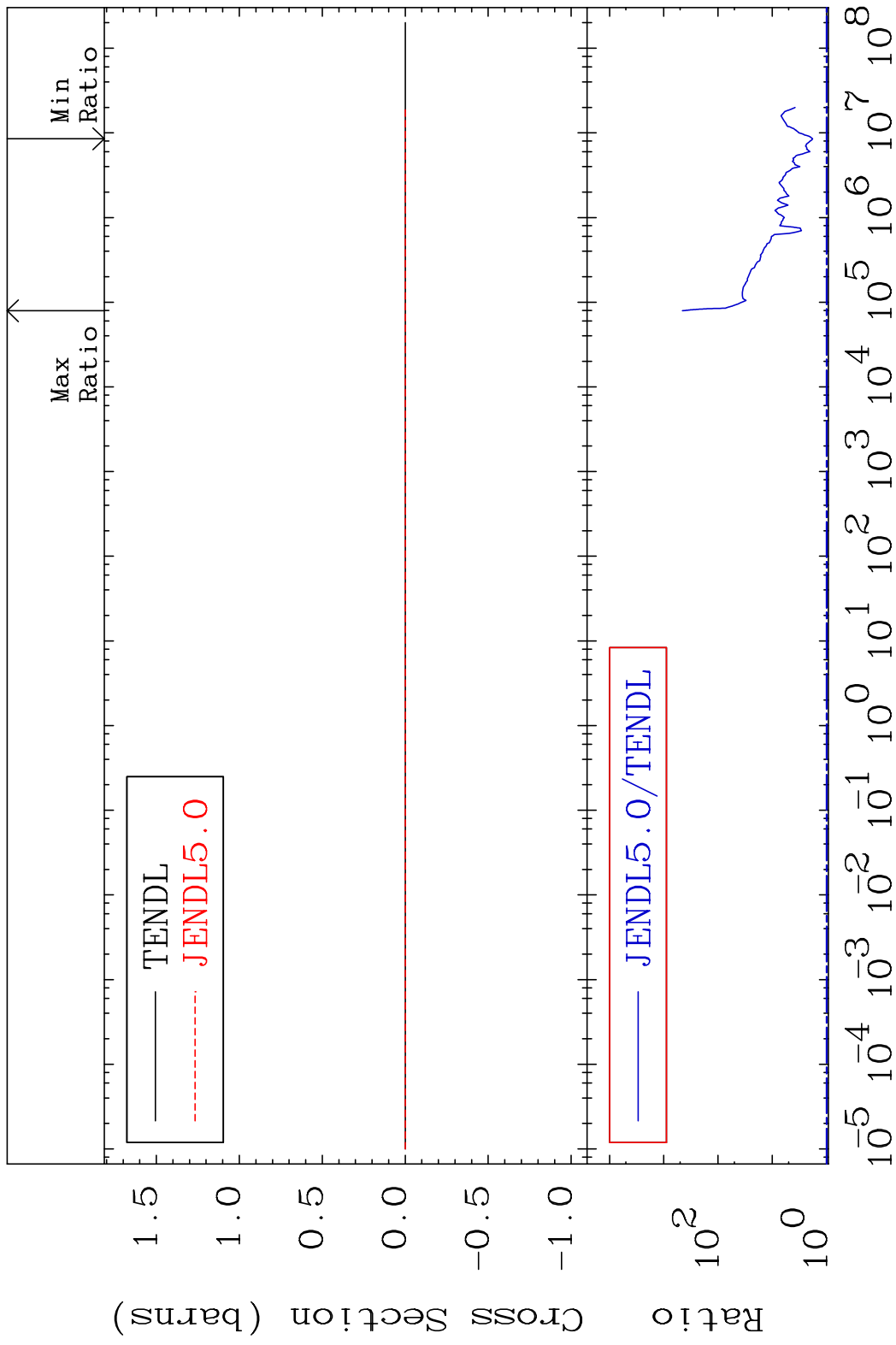
MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155
 Cross Section -98.63 To 9999. %



MAT 6337 Kerma inelastic (mt51-91) 63-Eu-155
 Cross Section 80.48 To 9999. %



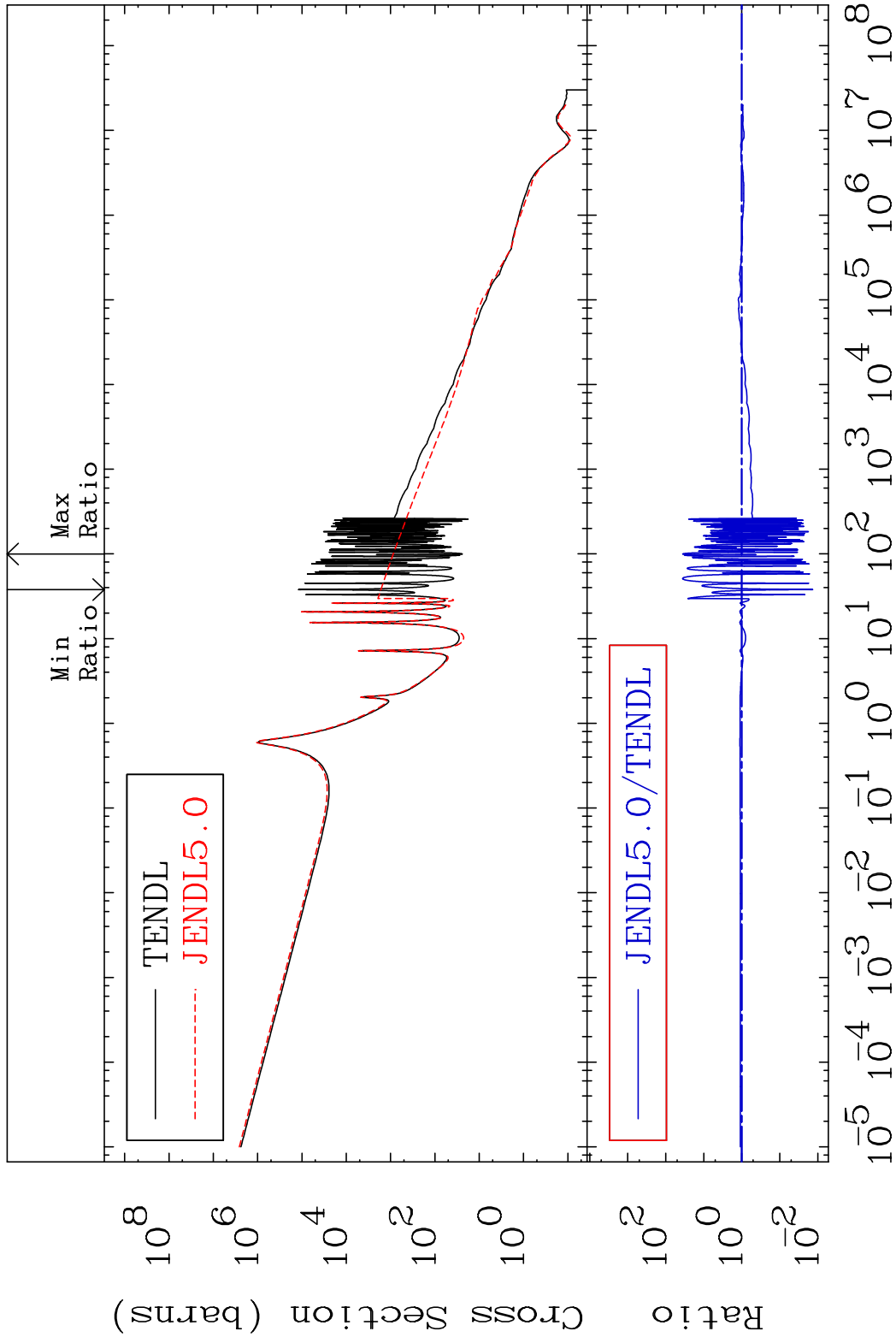
MAT 6337 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-155
 Cross Section 80.48 To 9999. %



40 Incident Energy (eV) 63-Eu-155

MAT 6337

Kerma capture (mt102) 63-Eu-155
Cross Section -98.63 To 3554. %



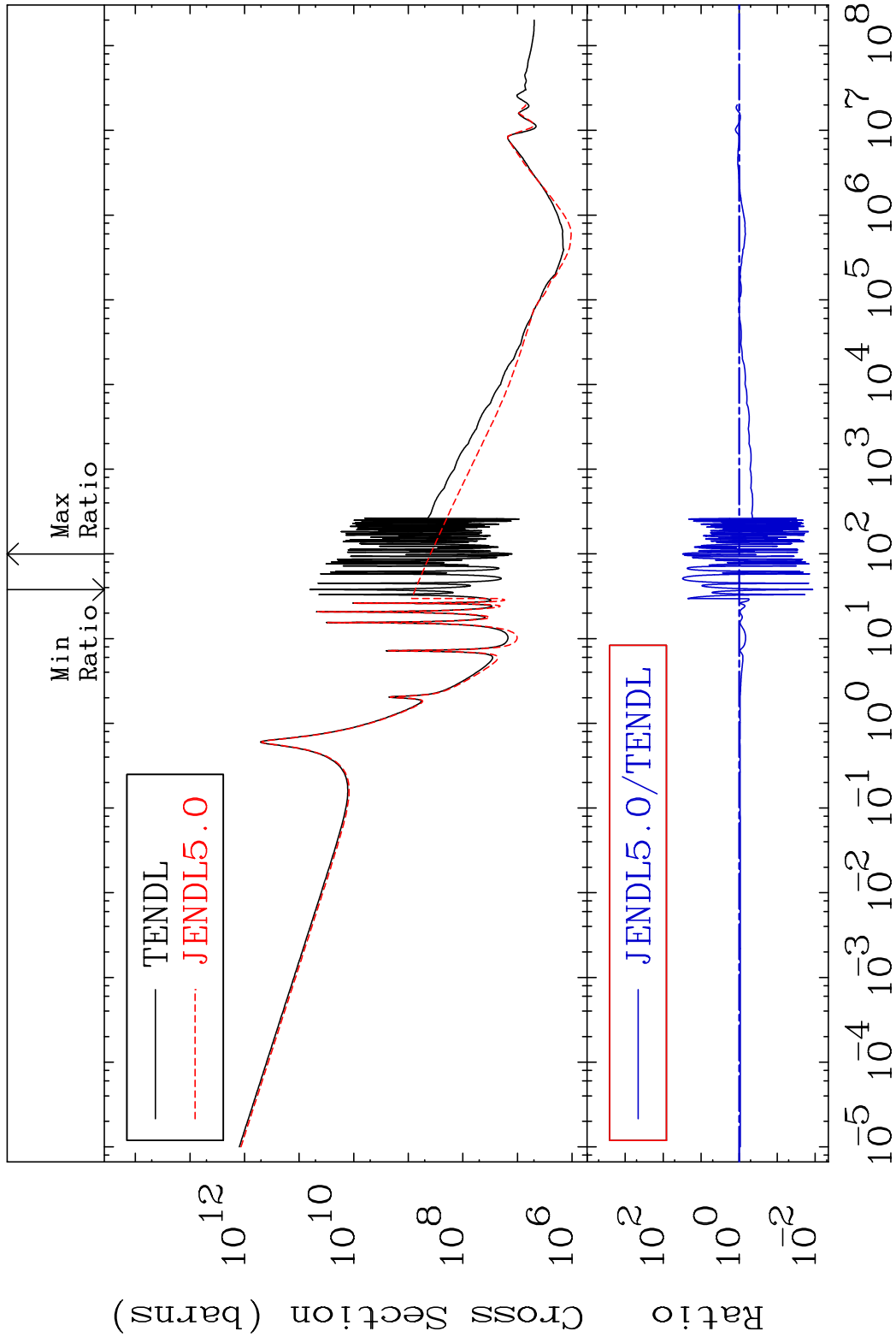
41

Incident Energy (eV)

63-Eu-155

MAT 6337

Total photon (eV-barns) 63-Eu-155
Cross Section -98.83 To 3032. %

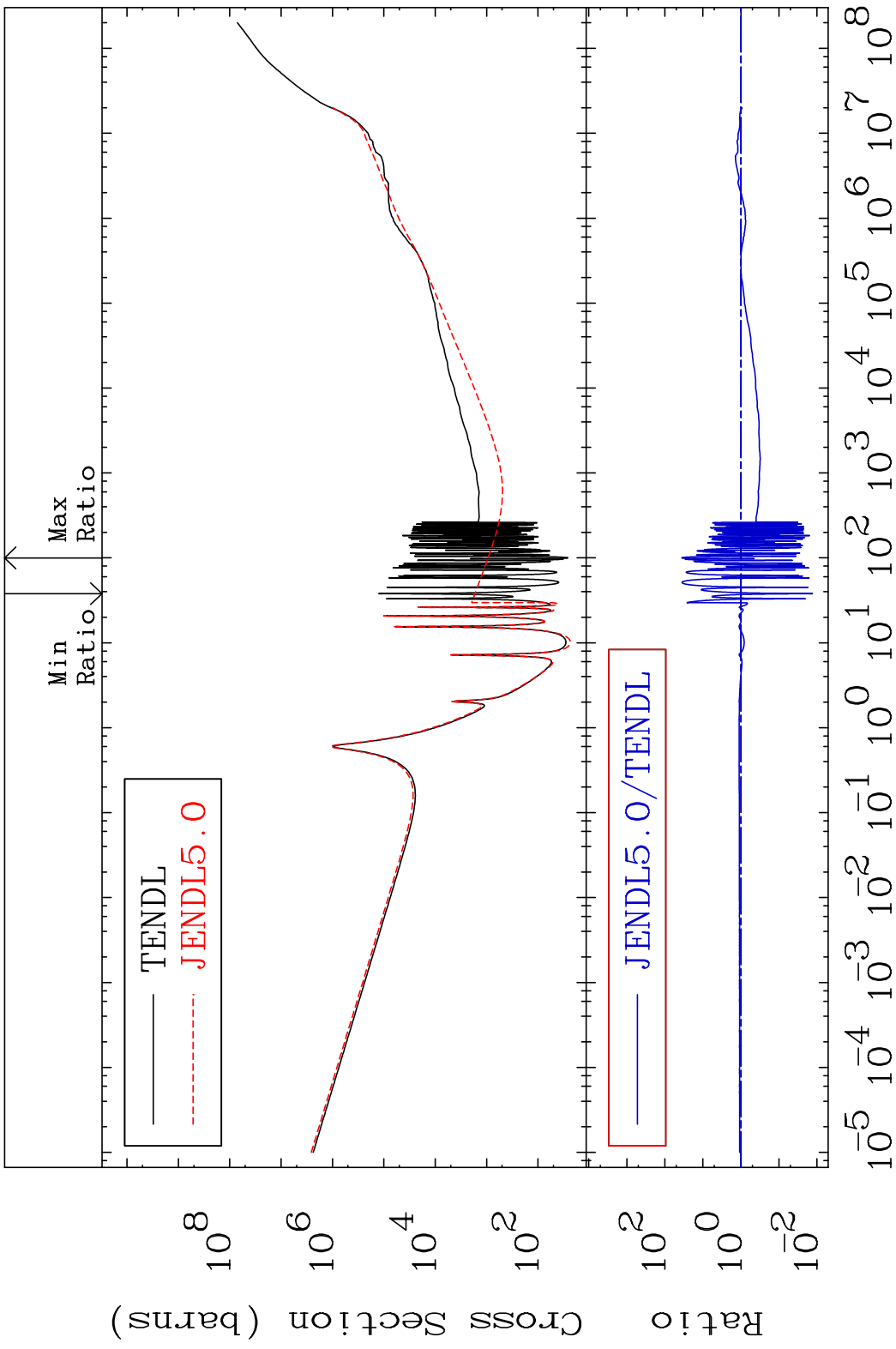


42

Incident Energy (eV)

63-Eu-155

MAT 6337 Total kinematic kerma (high limit) 63-Eu-155
Cross Section -98.67 To 3502. %

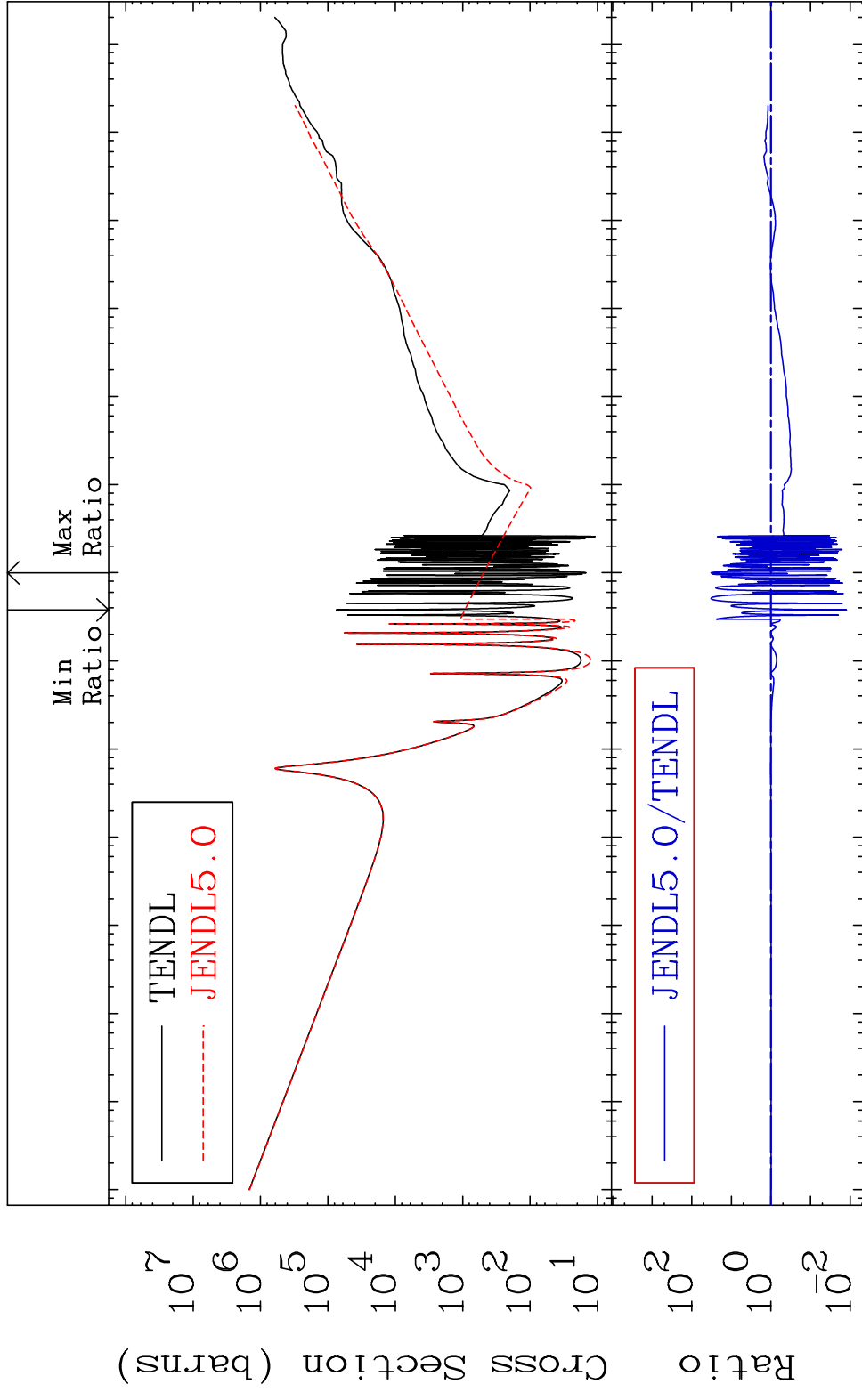


MAT 6337

Dpa total (eV-barns)

63-Eu-155

Cross Section -98.75 To 3222. %

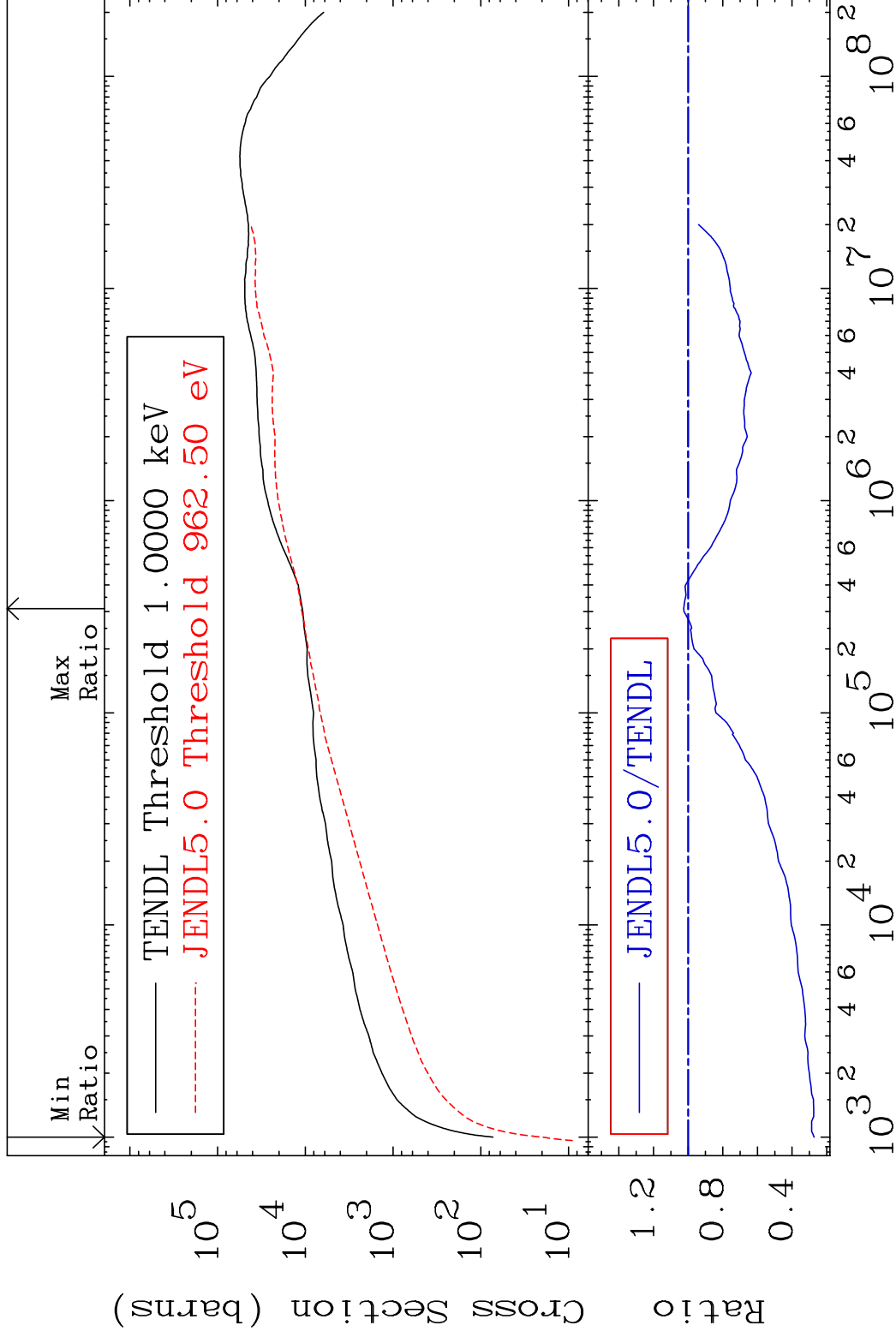


MAT 6337

Dpa elastic (mt2)

63-Eu-155

Cross Section -72.70 To 2.592 %

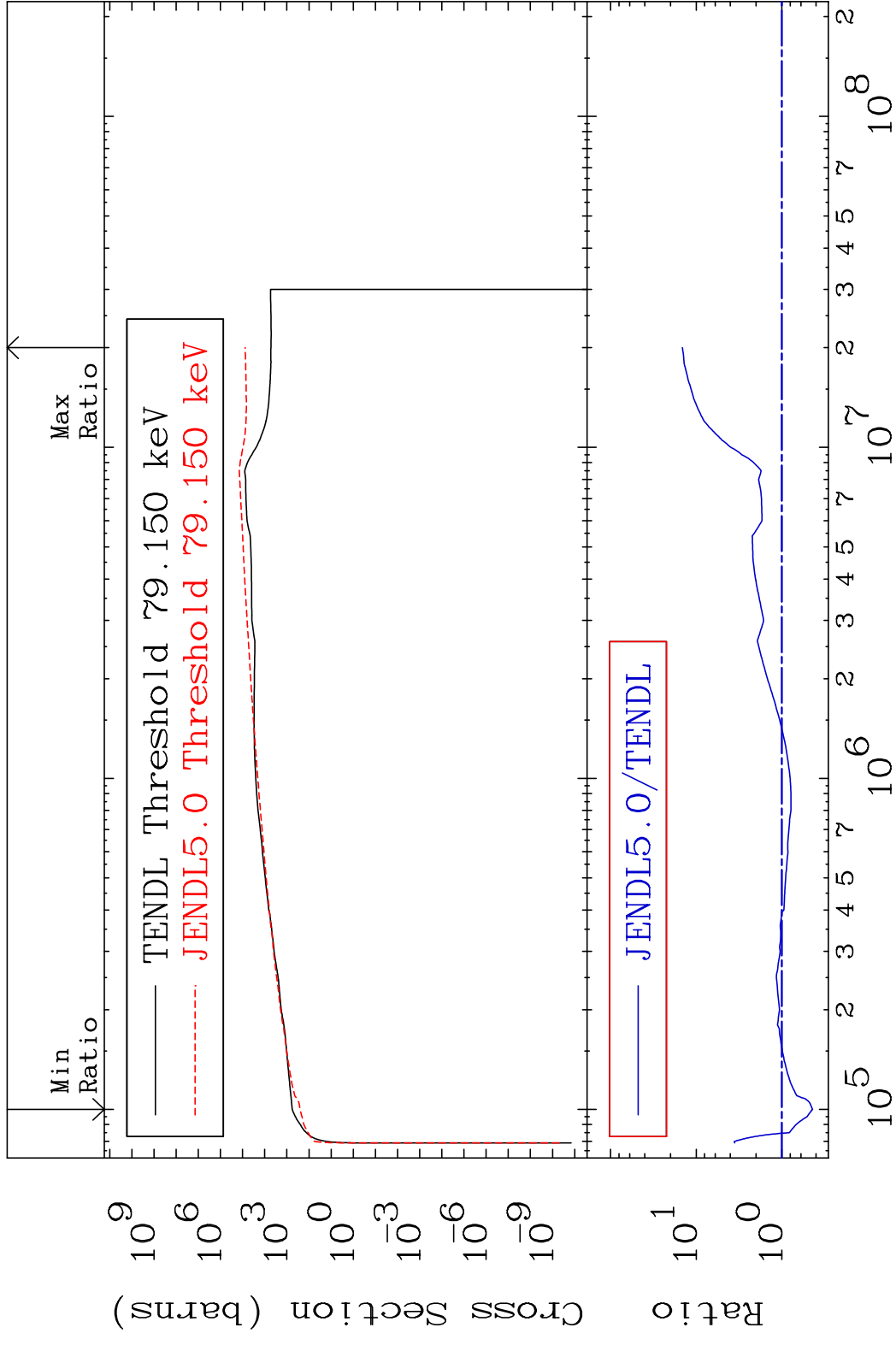


45

Incident Energy (eV)

63-Eu-155

MAT 6337 Dpa inelastic (mt51-91) 63-Eu-155
 Cross Section -56.15 To 1353. %



MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155
 Cross Section -98.75 To 3222. %

