

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

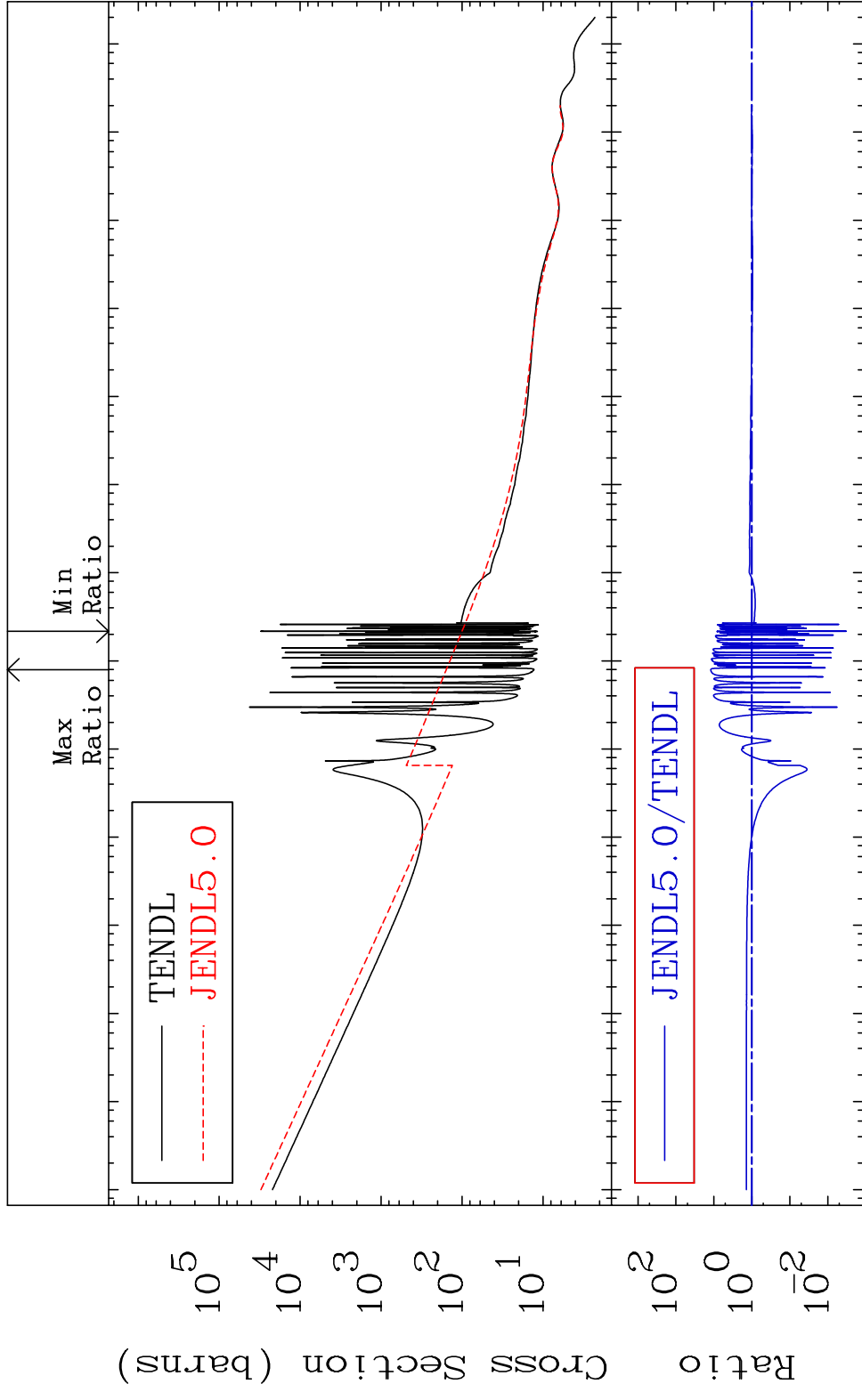
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9025

Total
Cross Section -99.67 To 1115. %

90-Th-227



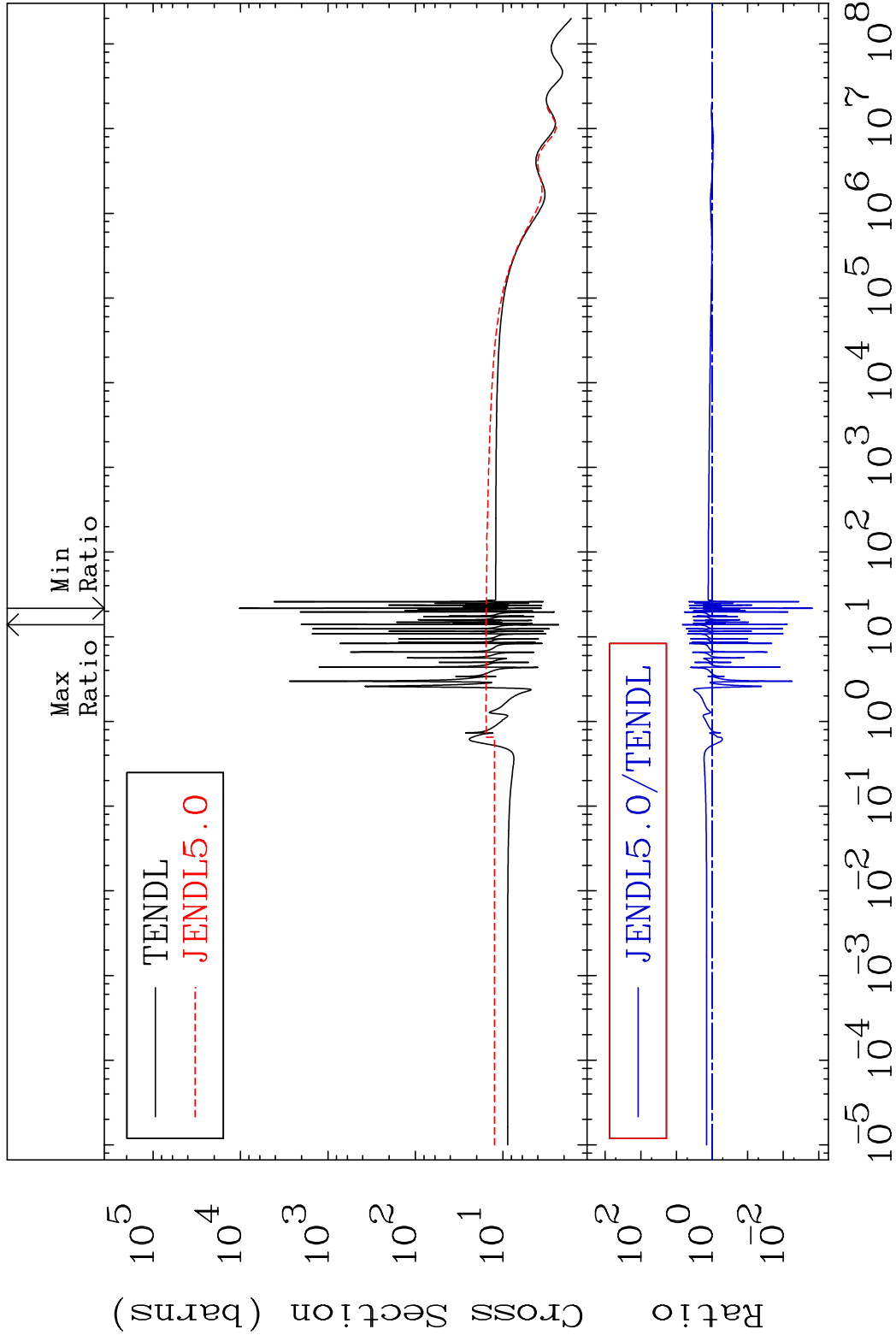
1 Incident Energy (eV) 90-Th-227

MAT 9025

Elastic

90-Th-227

Cross Section -99.85 To 580.3 %



2

Incident Energy (eV)

90-Th-227

MAT 9025

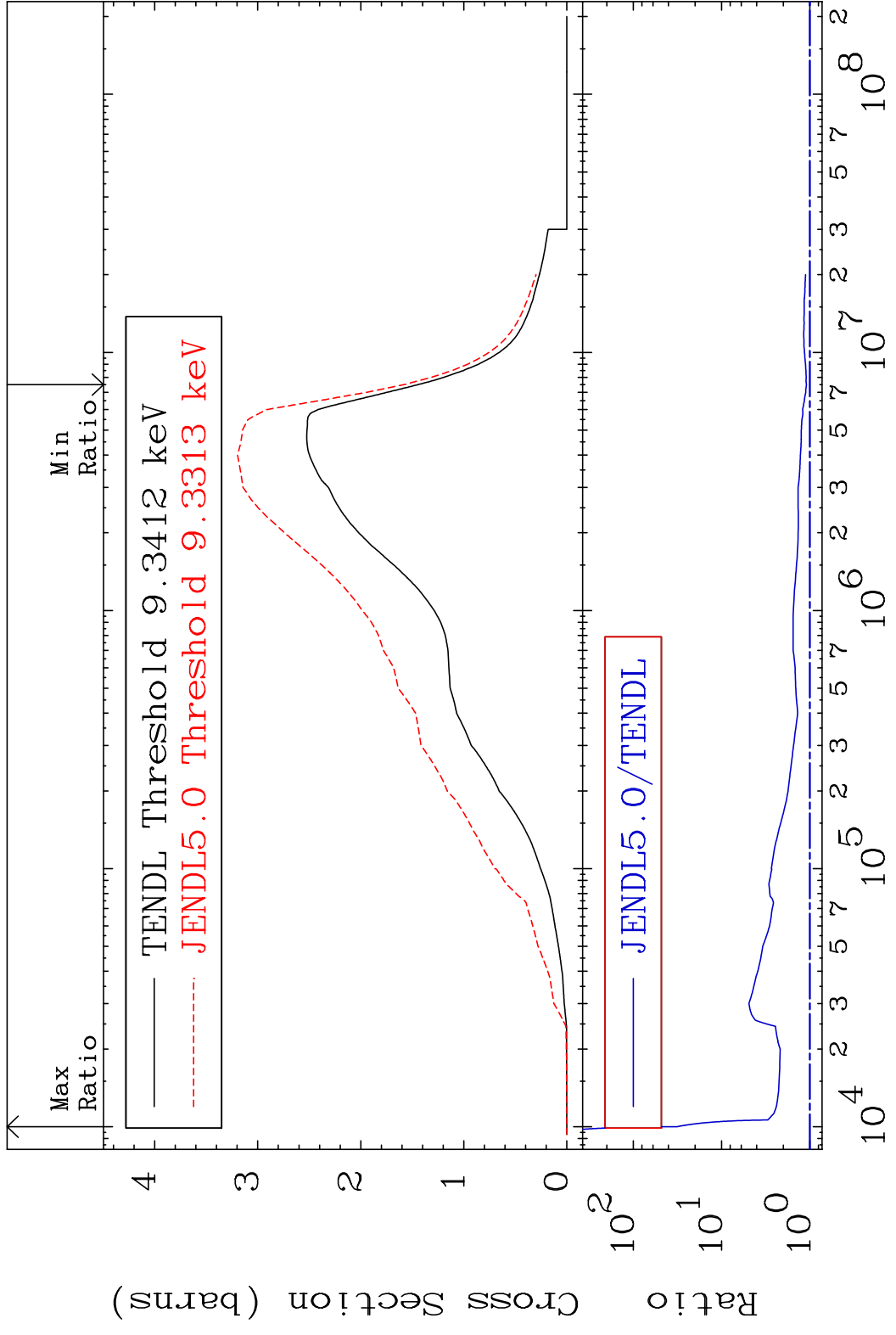
Inelastic

90-Th-227

Cross Section

9.394

To 3087. %



3

Incident Energy (eV)

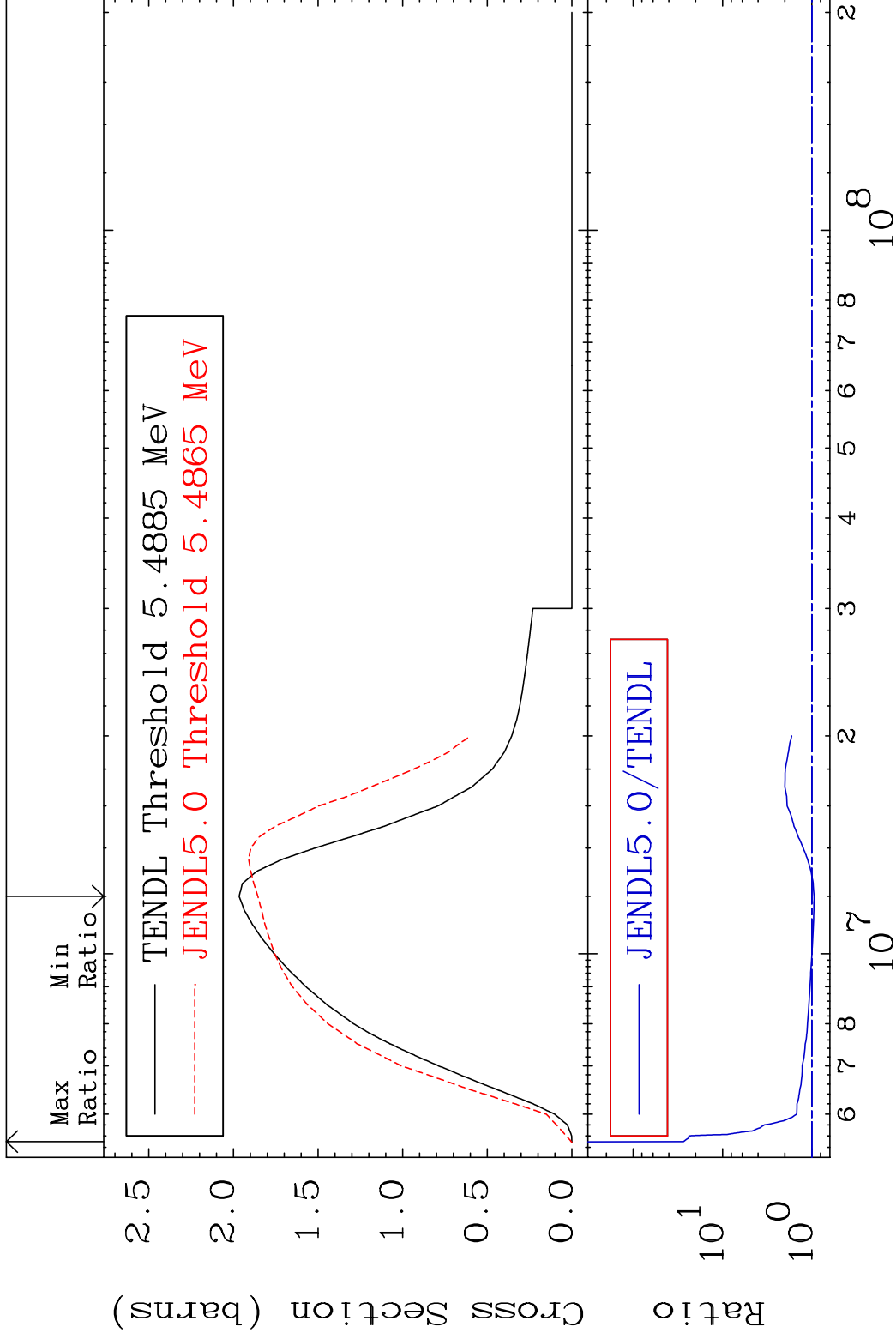
90-Th-227

MAT 9025

(n,2n)

90-Th-227

Cross Section -5.625 To 2640. %



4

Incident Energy (eV)

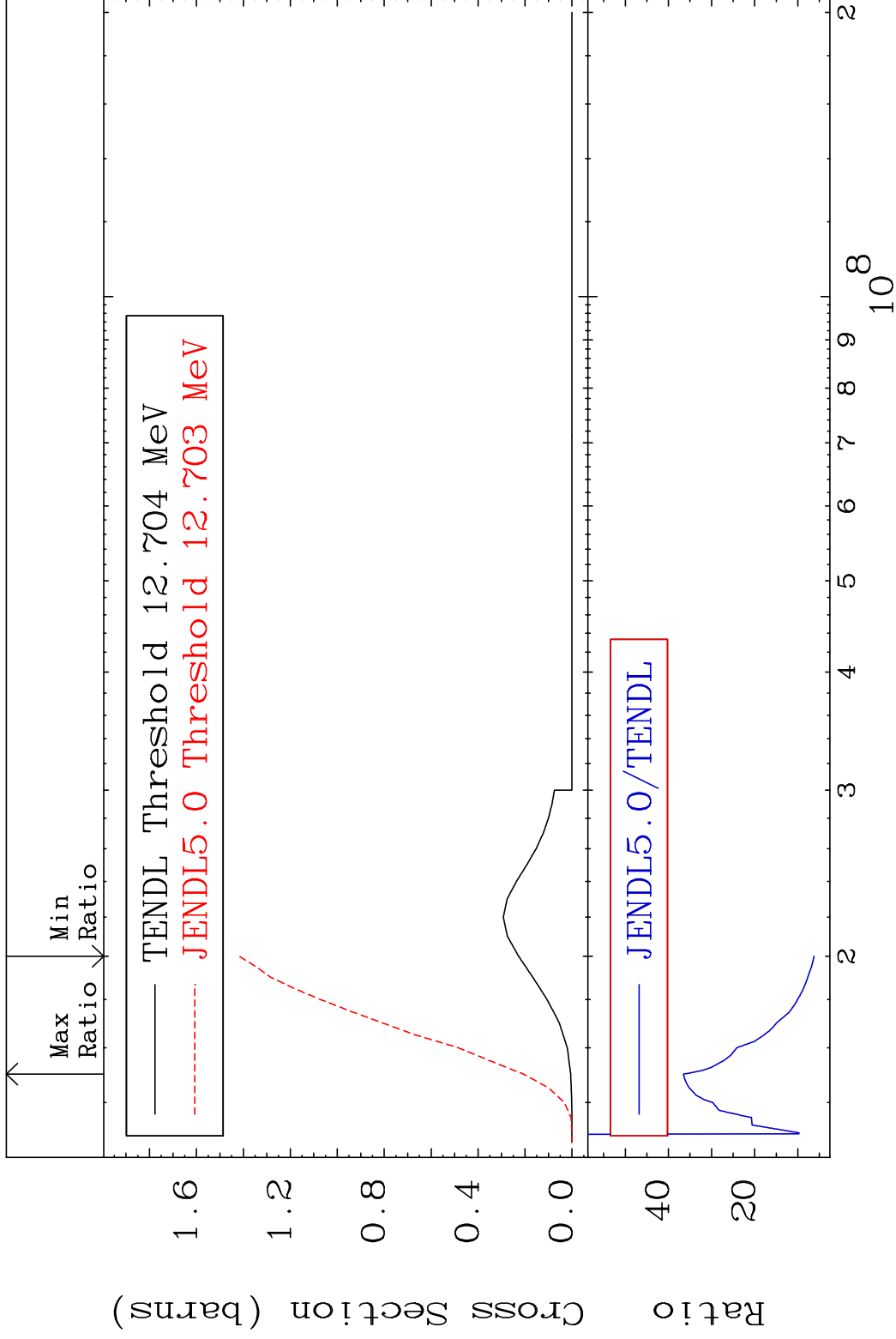
90-Th-227

MAT 9025

(n,3n)

90-Th-227

Cross Section 523.3 To 3552. %



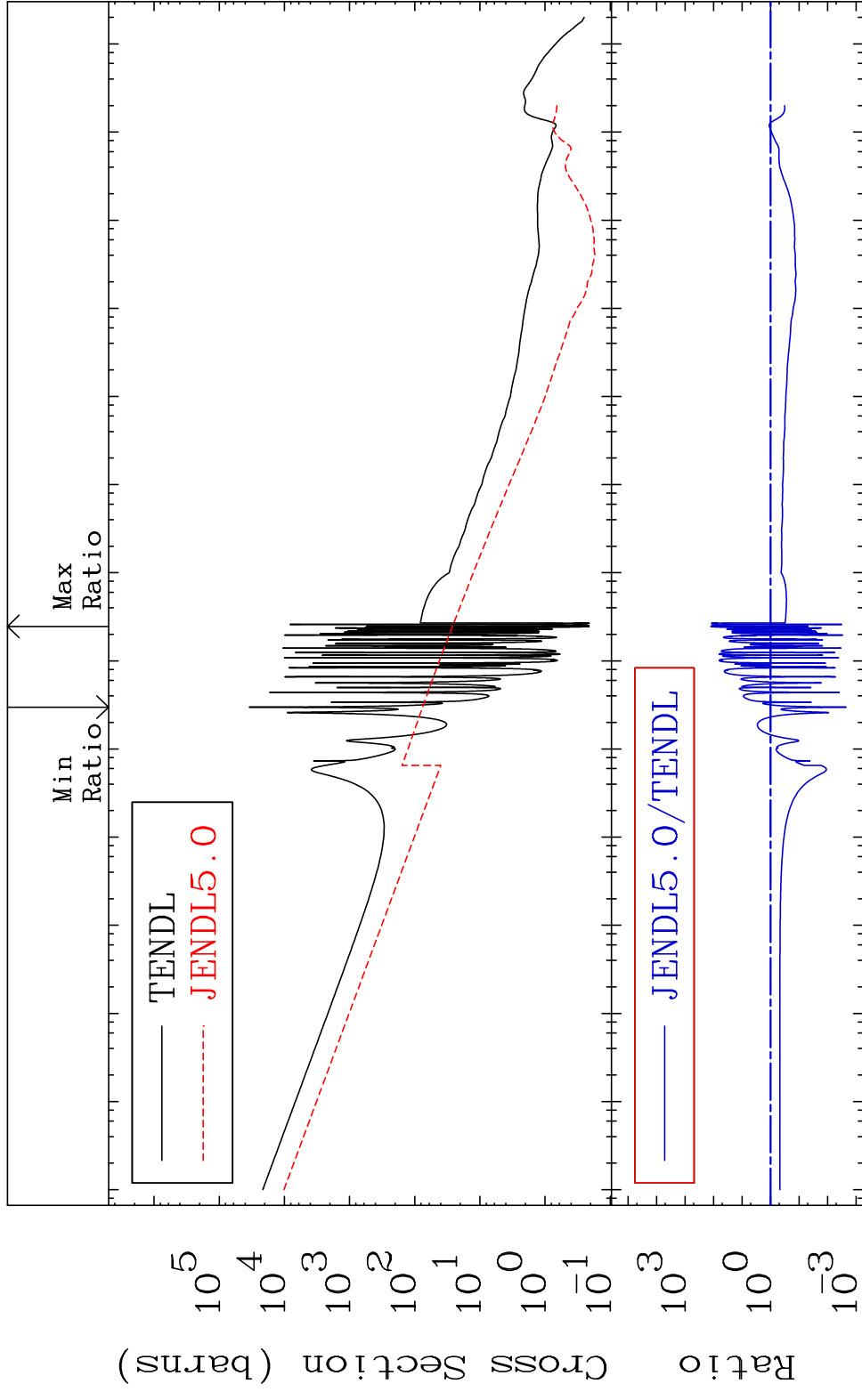
5

Incident Energy (eV)

90-Th-227

MAT 9025

Fission Cross Section -99.78 To 9999. %
90-Th-227

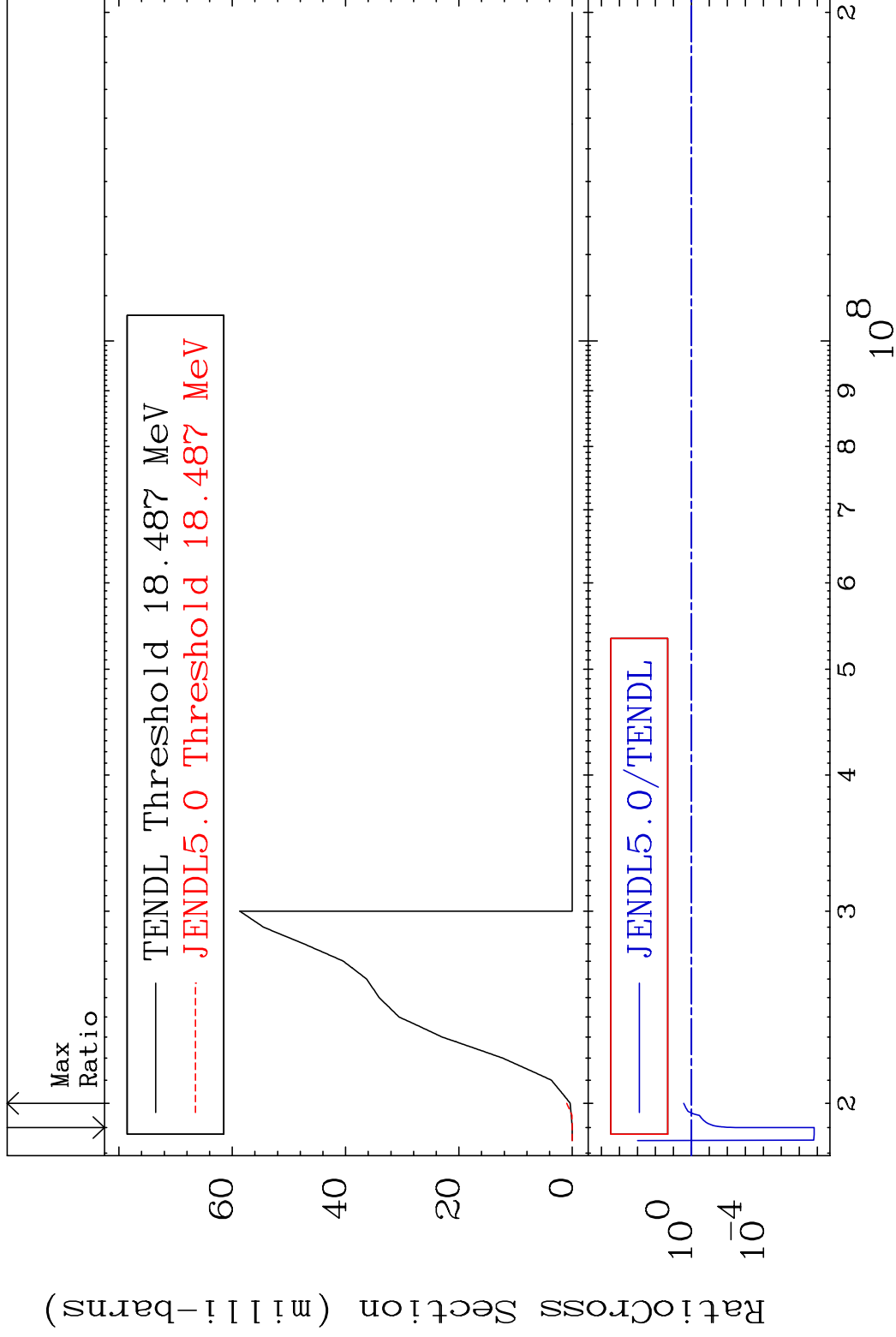


MAT 9025

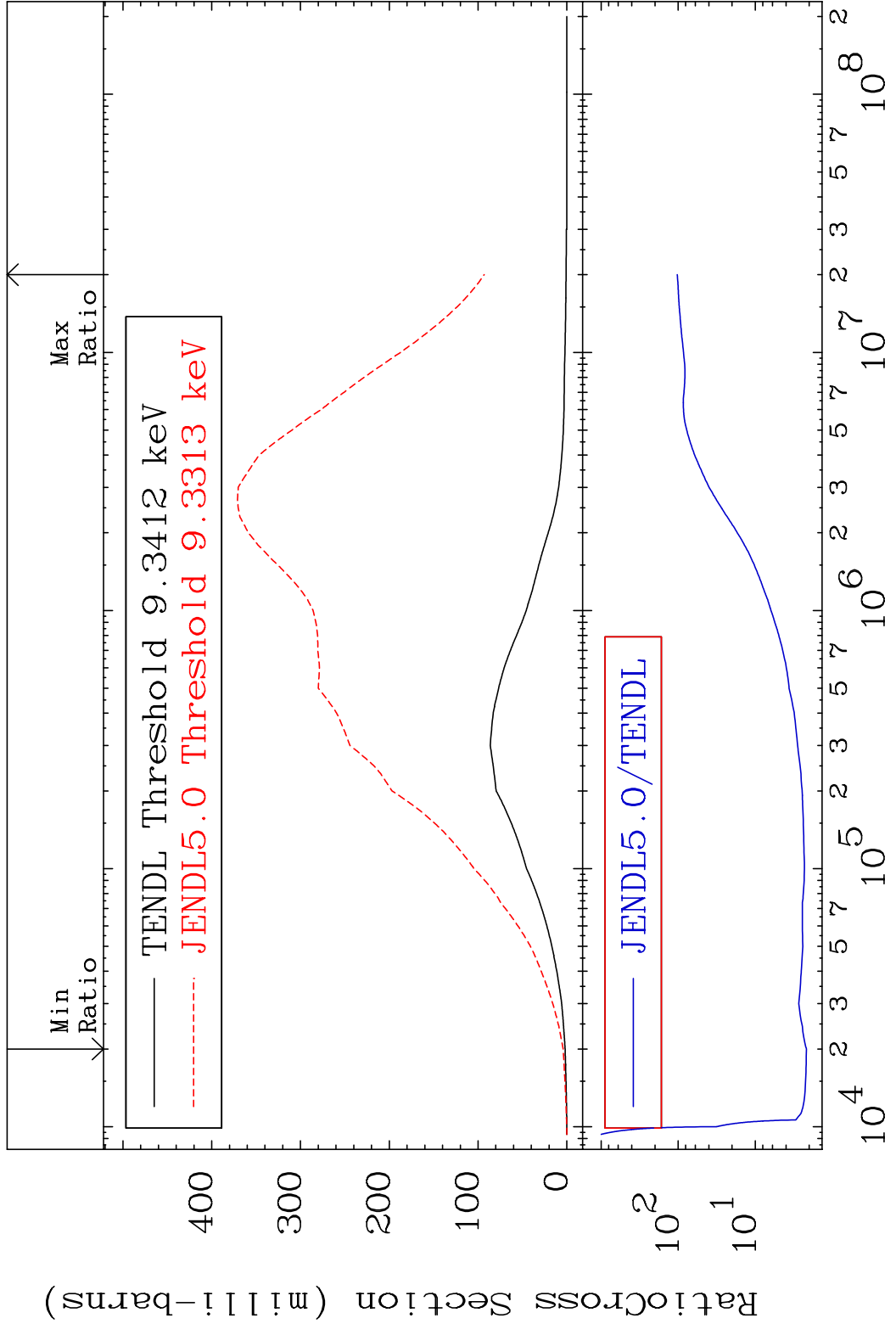
(n,4n)

90-Th-227

Cross Section -100.0 To 169.4 %

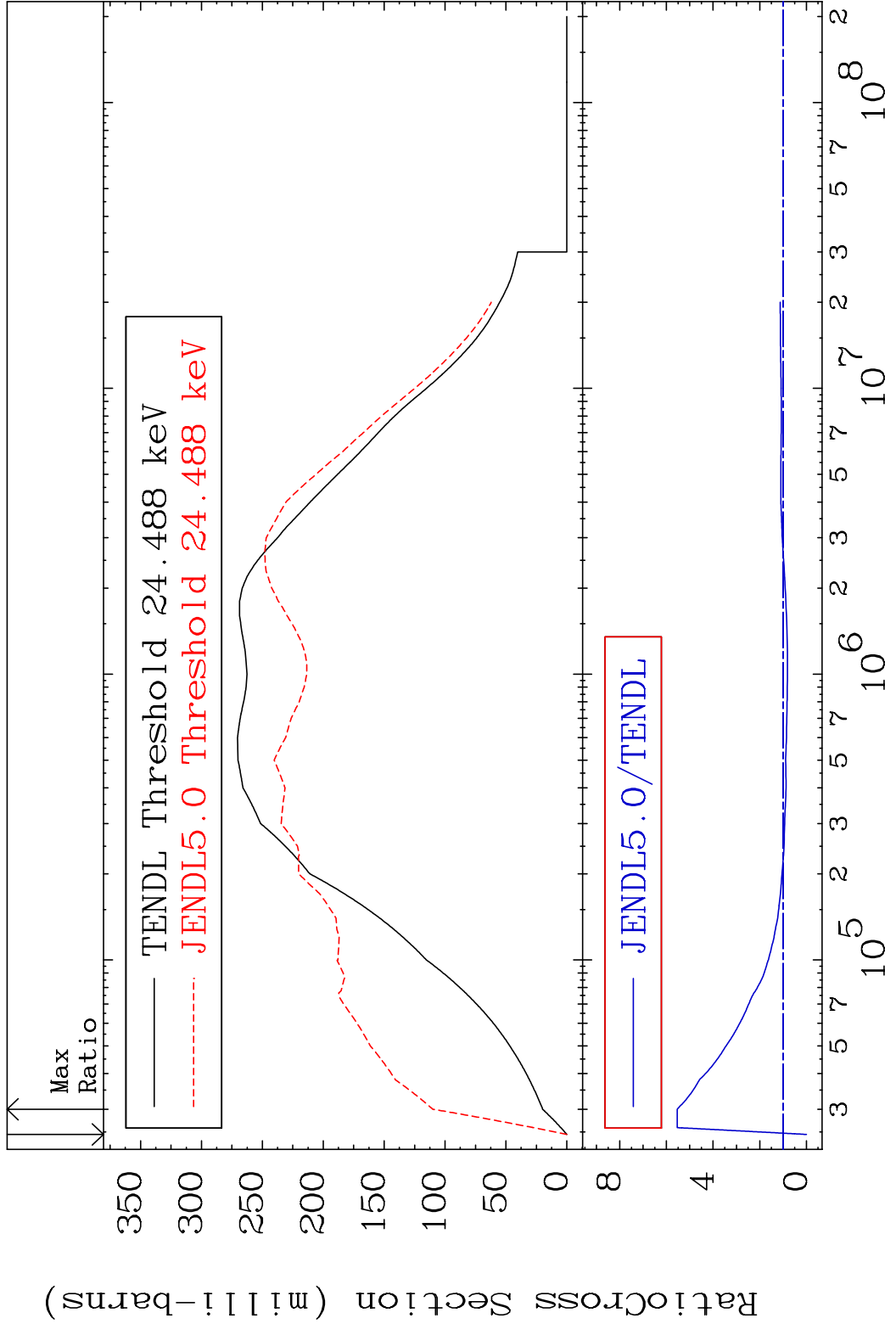


MAT 9025 MT= 51 (n, n') Level 90-Th-227
 Cross Section 117.3 To 9999. %

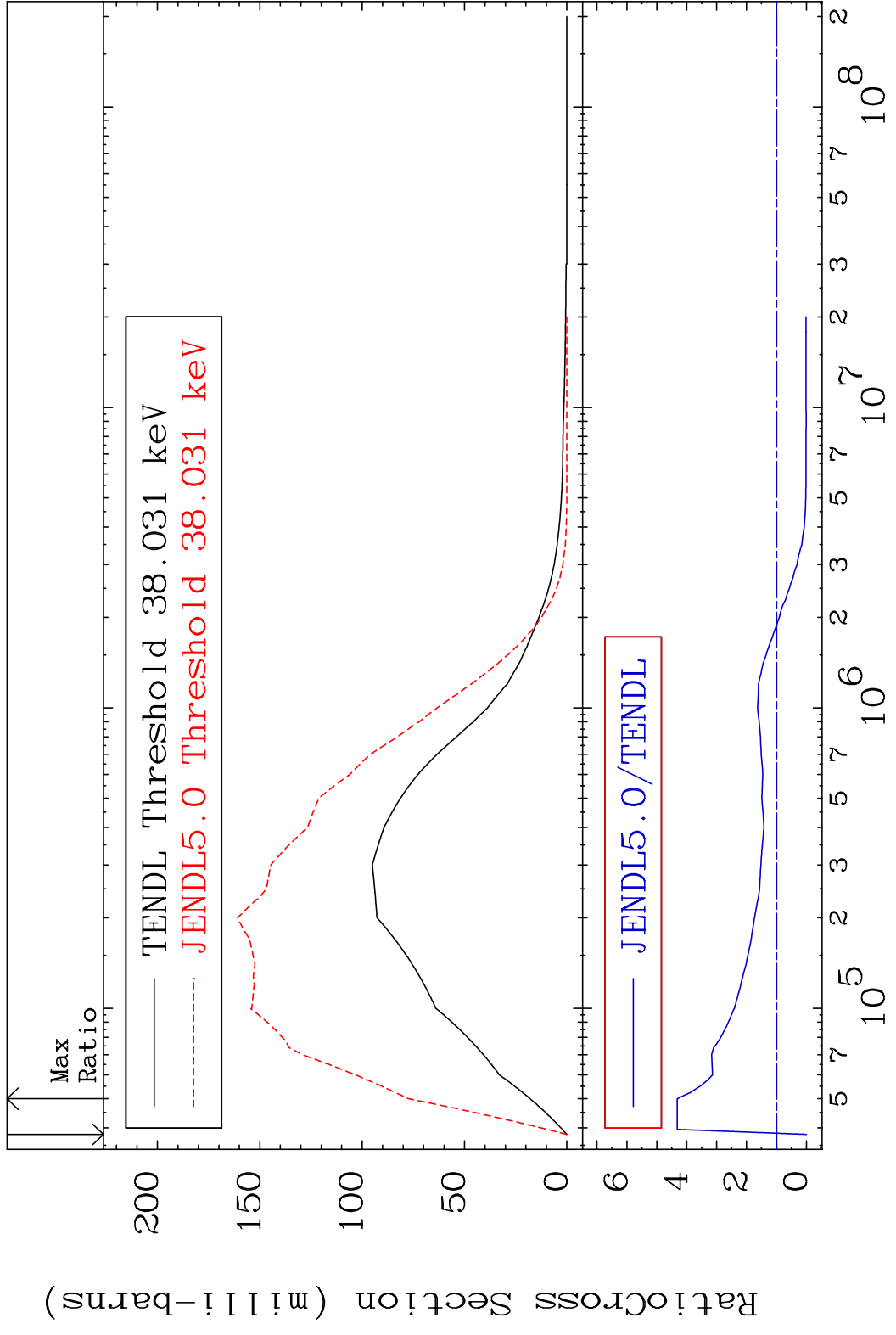


8 Incident Energy (eV) 90-Th-227

MAT 9025 MT= 52 (n, n') Level 90-Th-227
 Cross Section -100.0 To 453.9 %

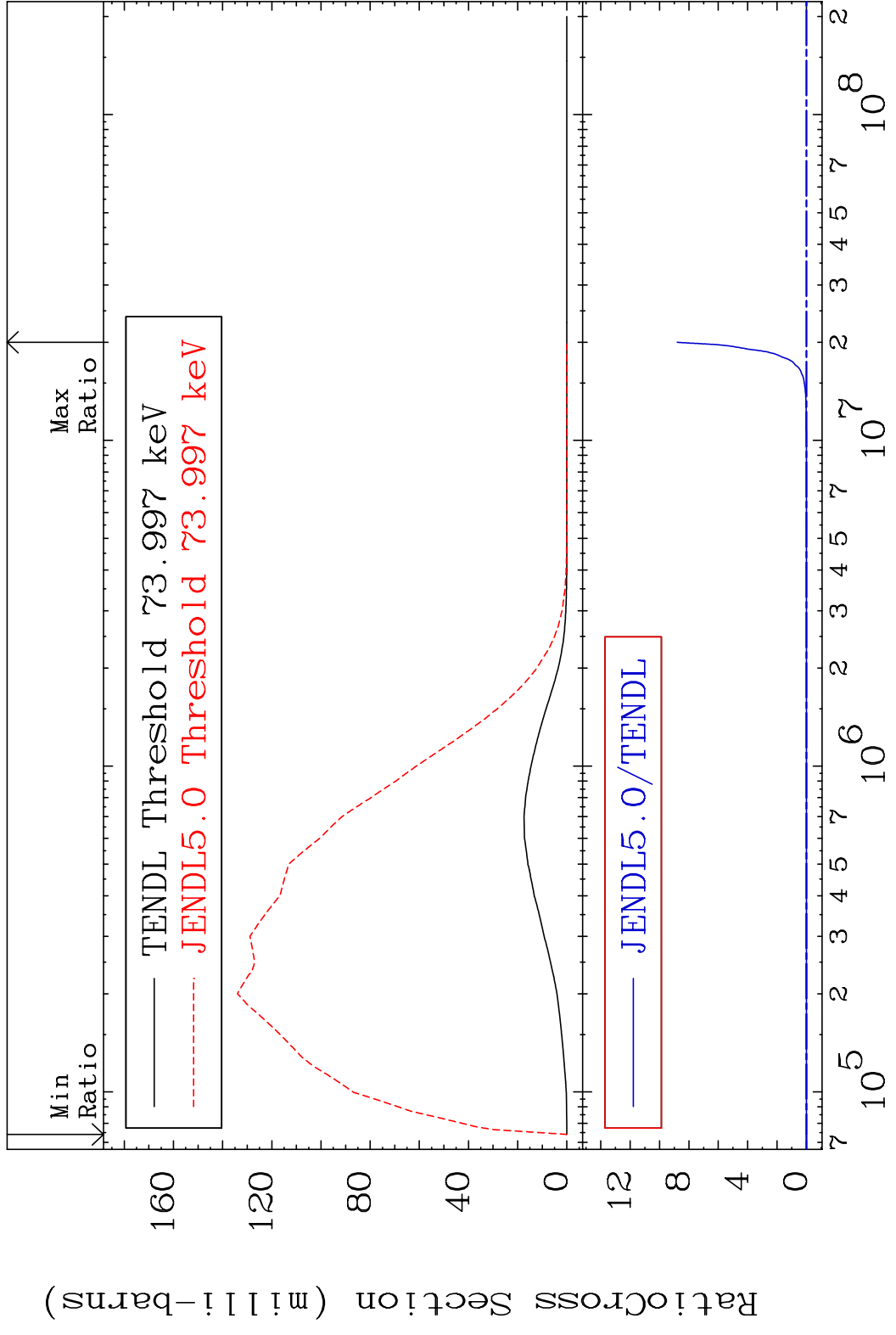


MAT 9025 MT= 53 (n, n') Level 90-Th-227
 Cross Section -100.0 To 331.8 %

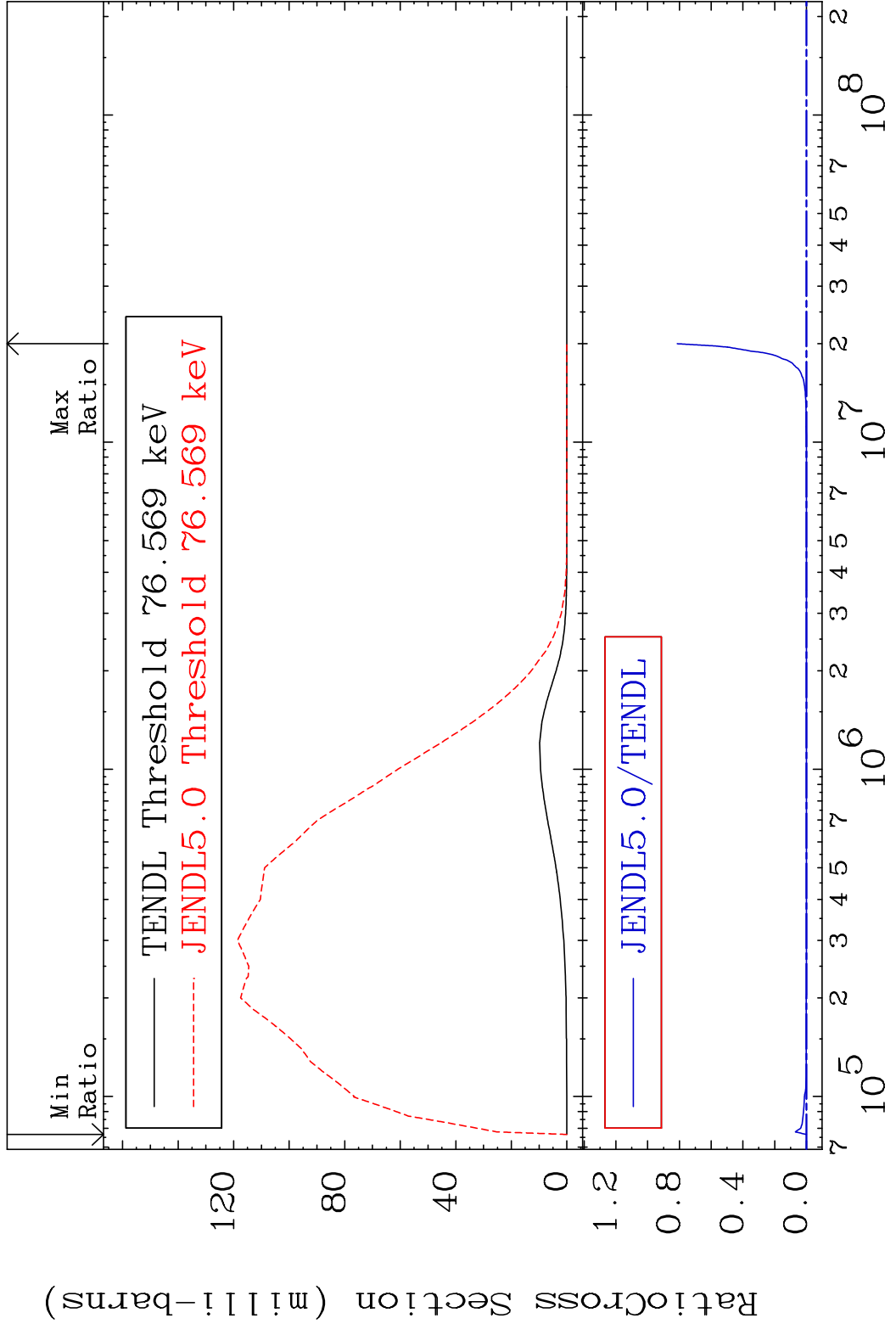


10 Incident Energy (eV) 90-Th-227

MAT 9025 MT= 54 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %

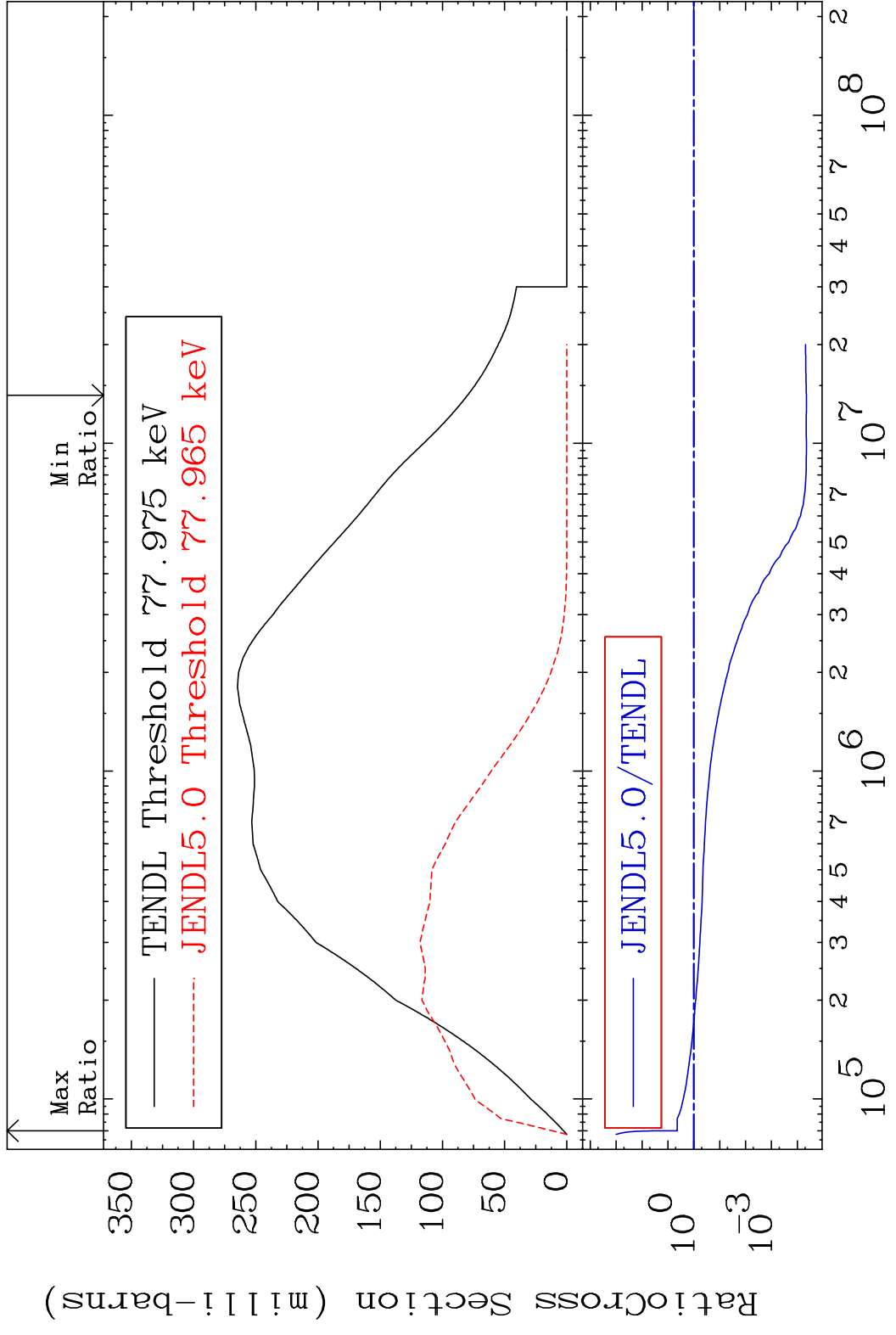


MAT 9025 MT= 55 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



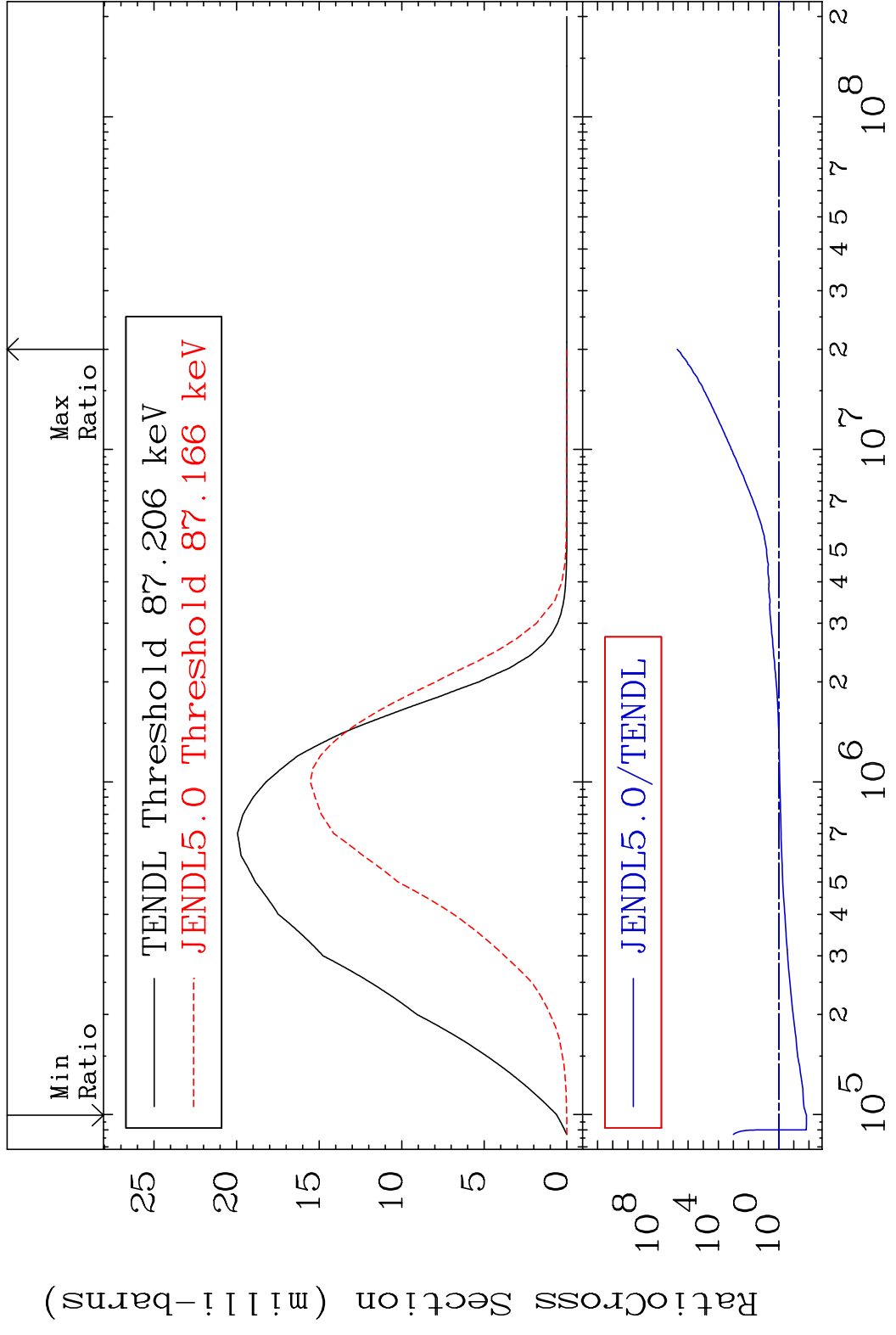
12 90-Th-227

MAT 9025 MT= 56 (n, n') Level 90-Th-227
 Cross Section -100.0 To 338.6 %



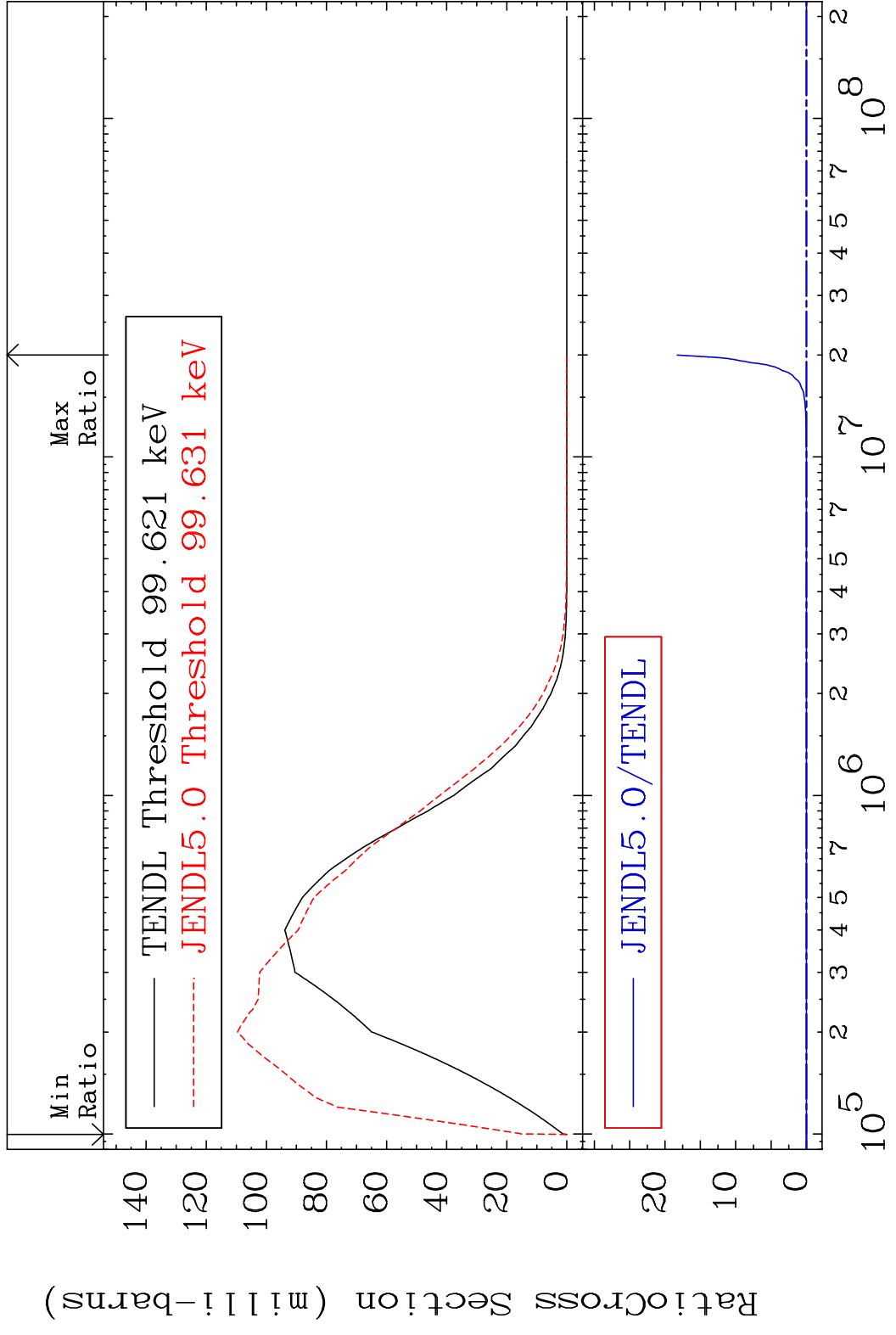
13 Incident Energy (eV) 90-Th-227

MAT 9025 MT= 57 (n,n') Level 90-Th-227
 Cross Section -98.53 To 9999. %



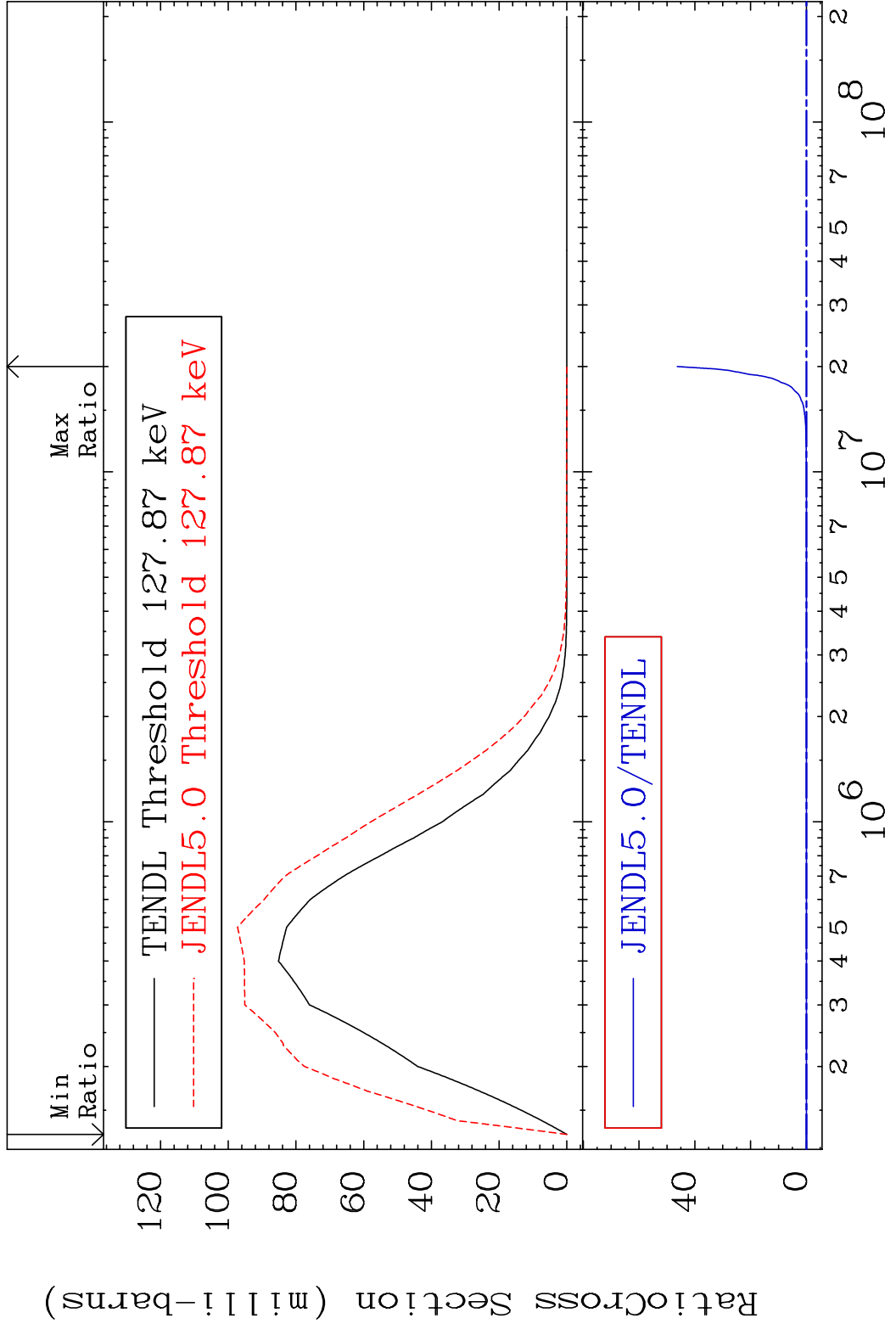
14 Incident Energy (eV) 90-Th-227

MAT 9025 MT= 58 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %

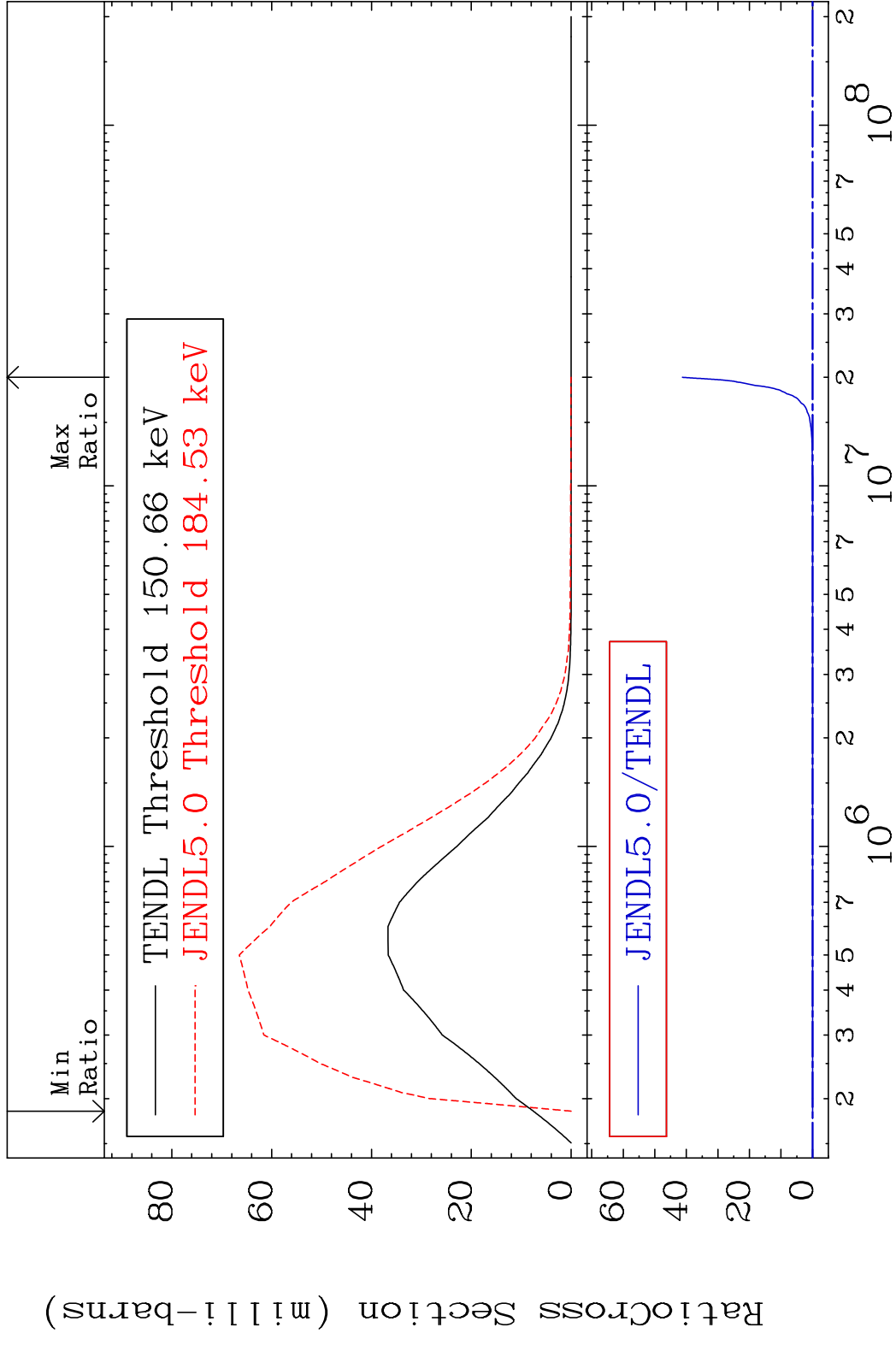


15 90-Th-227

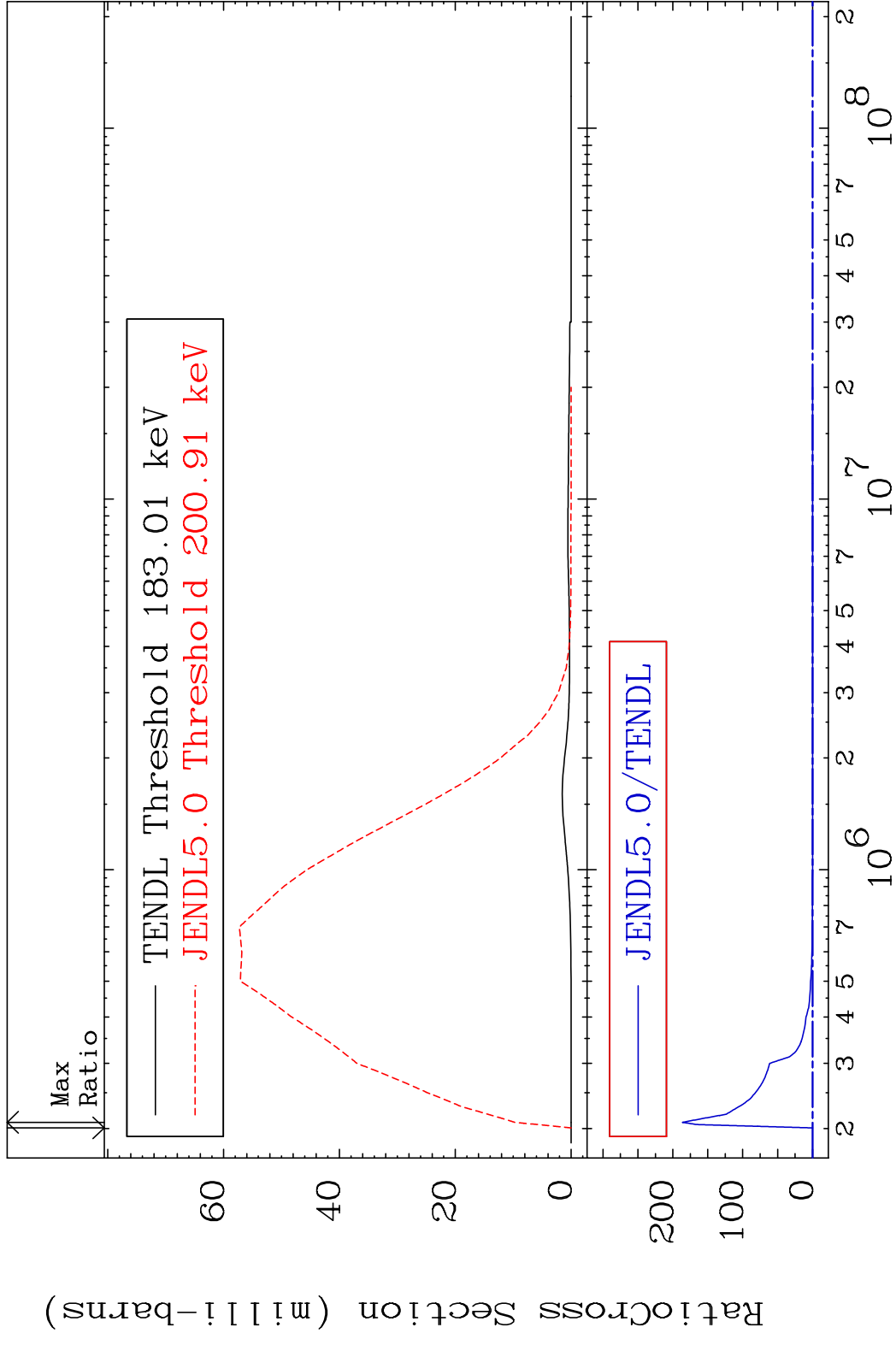
MAT 9025 MT= 59 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



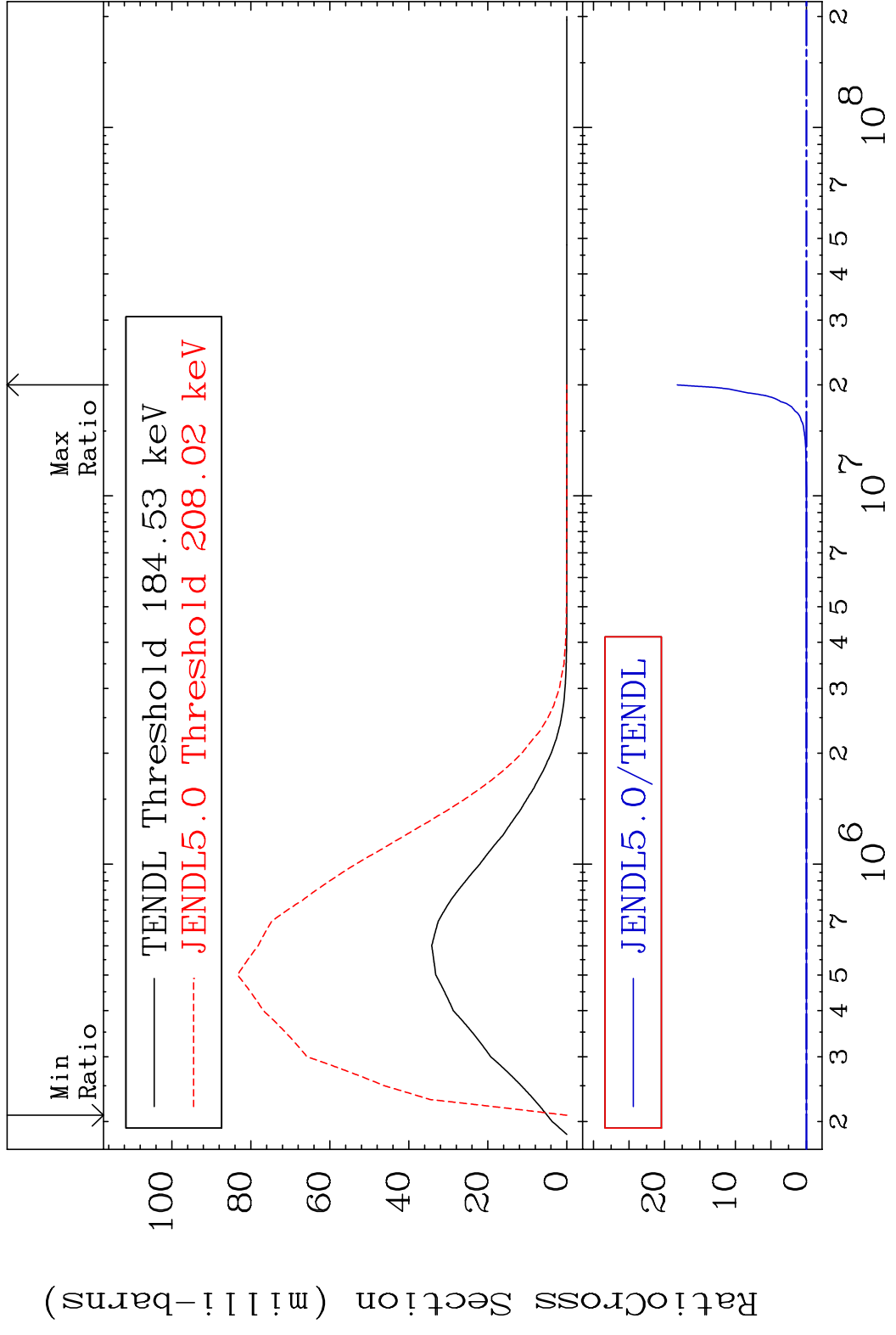
MAT 9025 MT= 60 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



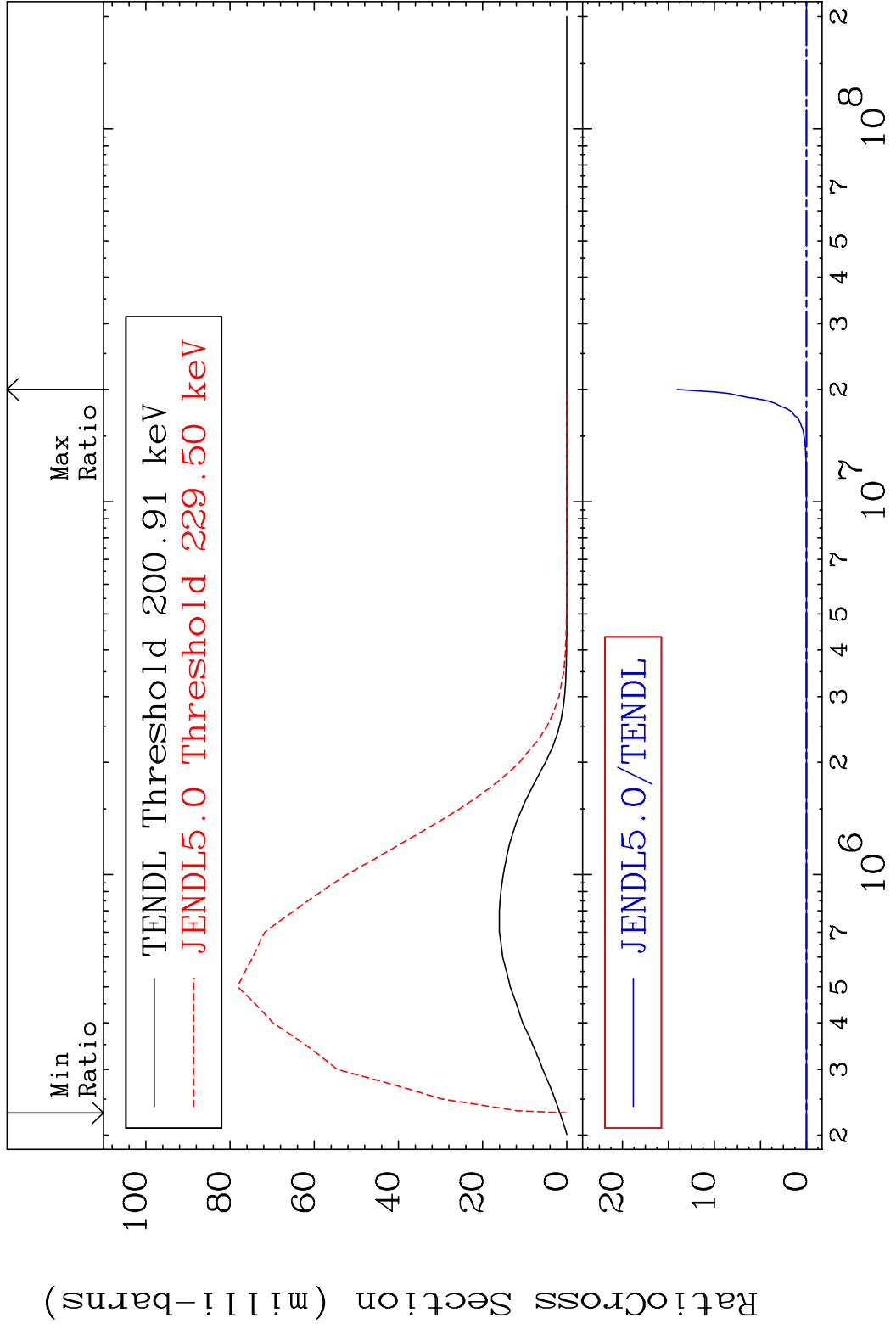
MAT 9025 MT= 61 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



MAT 9025 MT= 62 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %

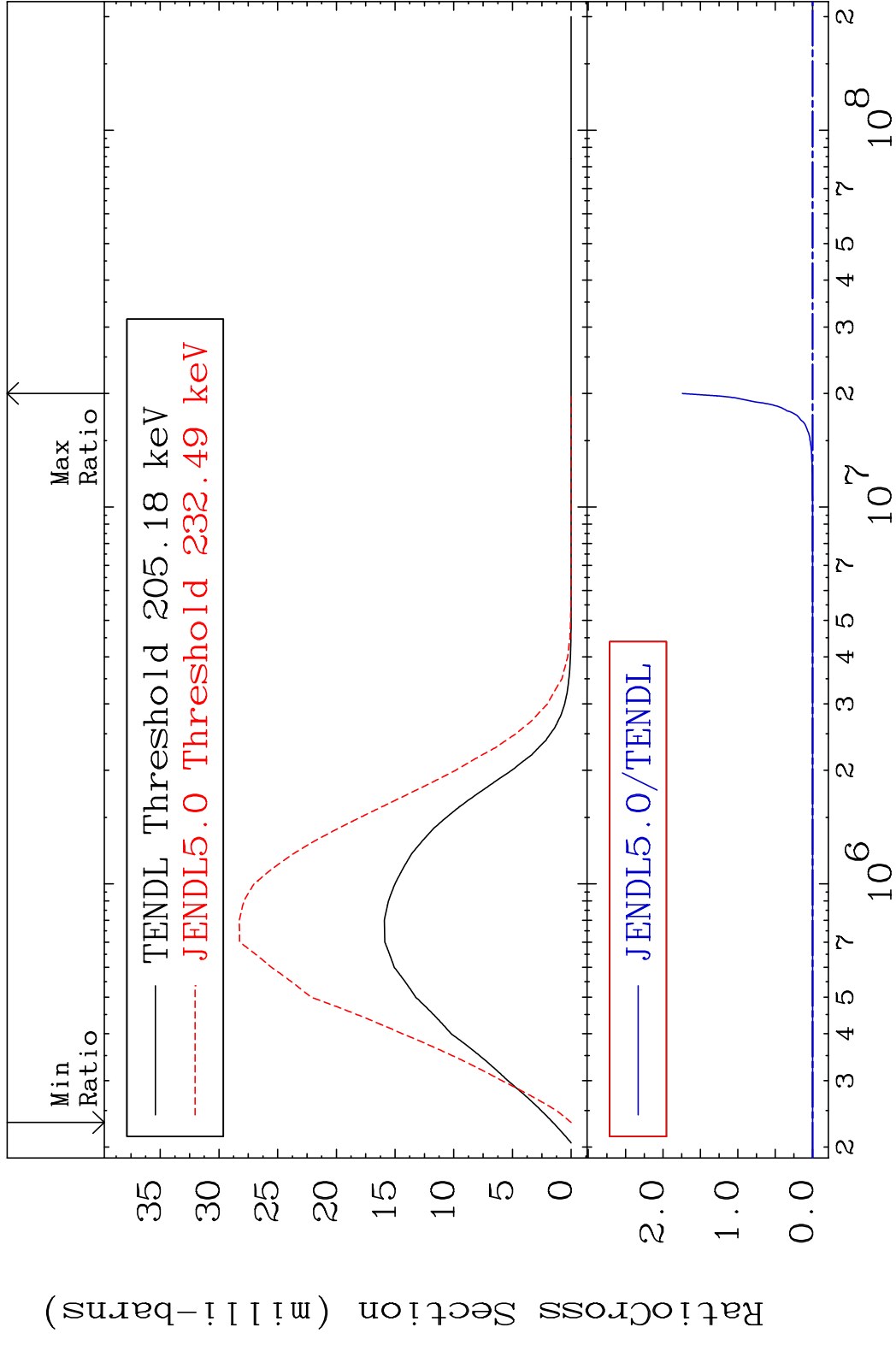


MAT 9025 MT= 63 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %

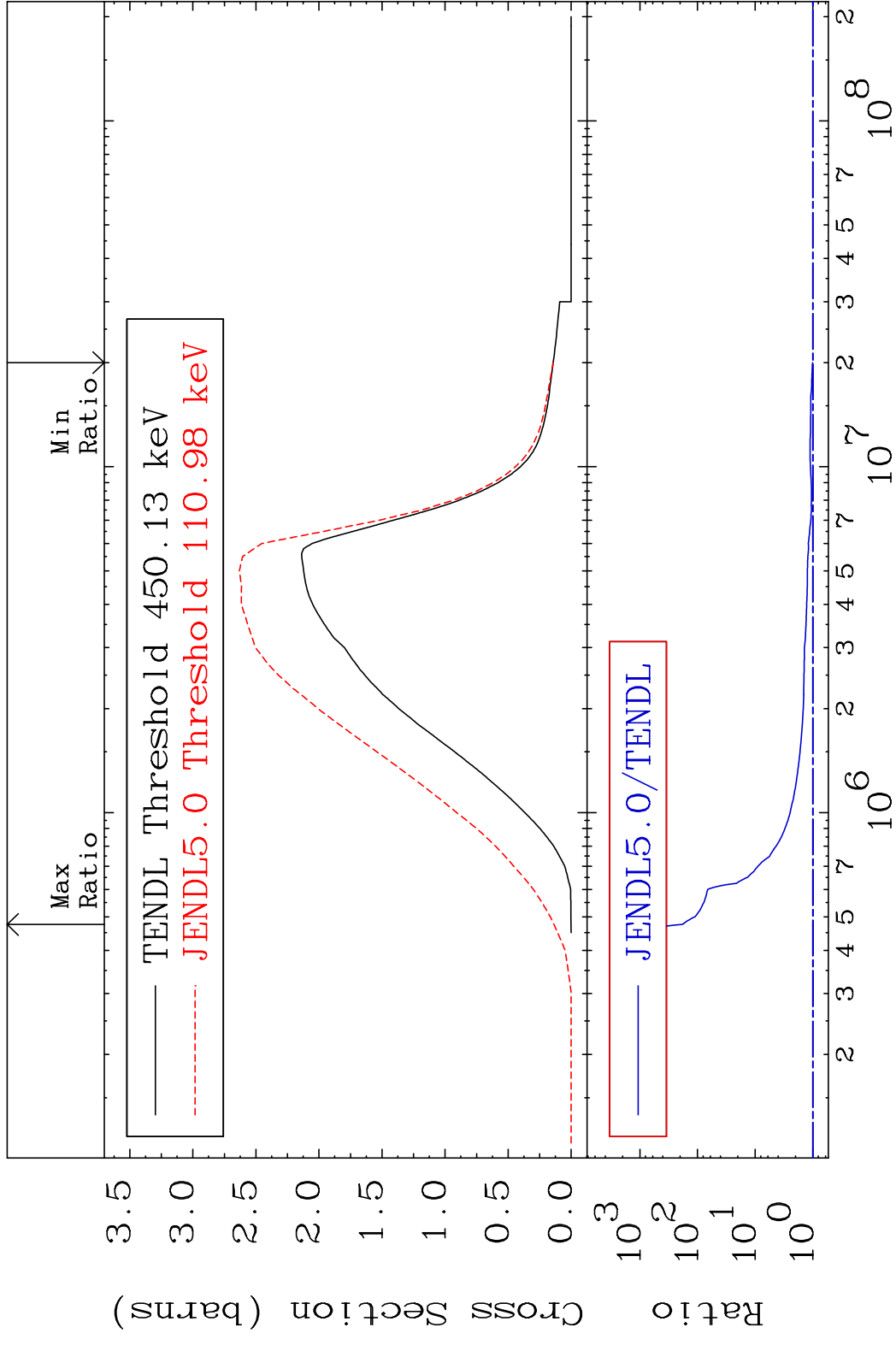


20 Incident Energy (eV) 90-Th-227

MAT 9025 MT= 64 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



MAT 9025 (n, n') Continuum 90-Th-227
 Cross Section 0.861 To 9999. %

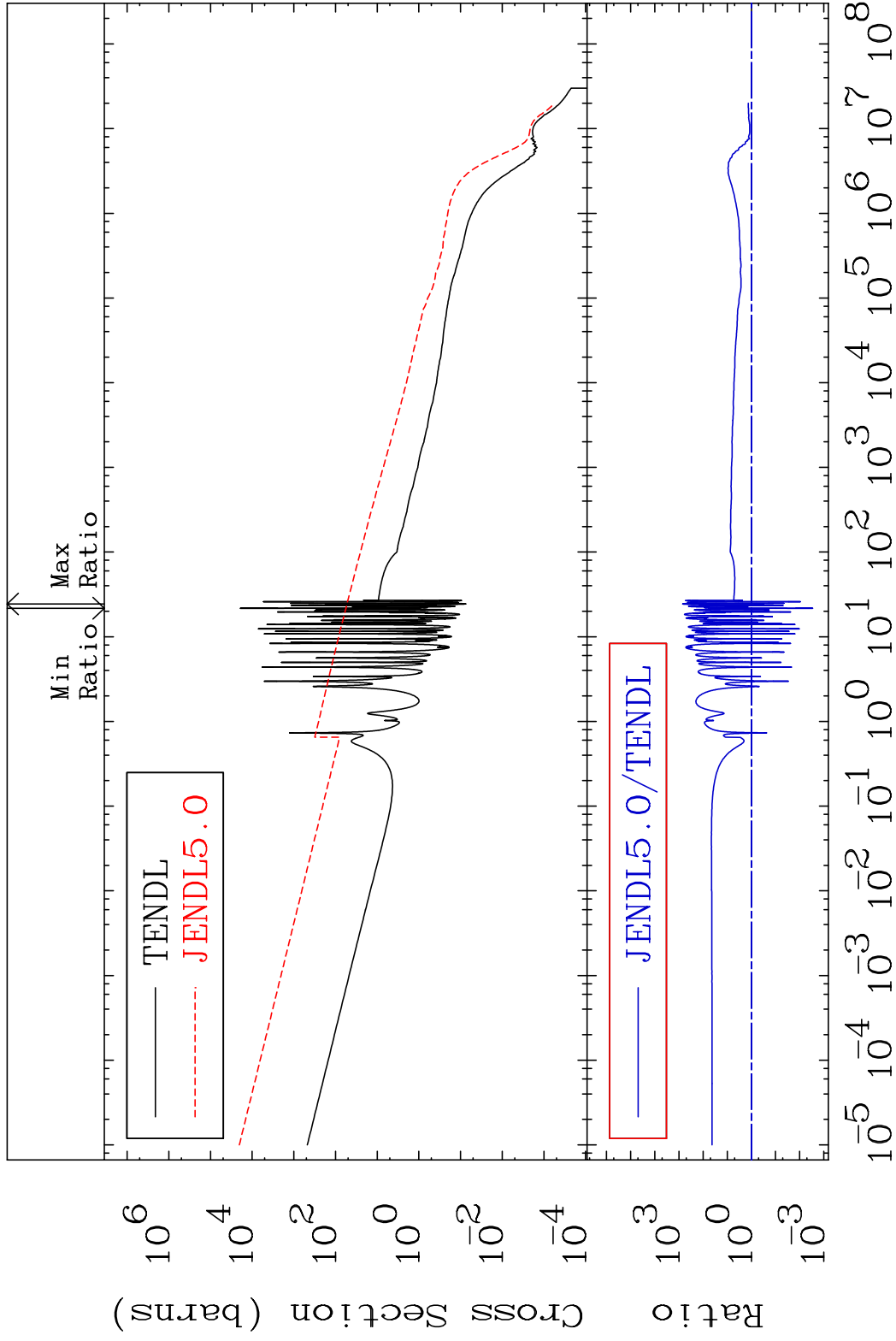


MAT 9025

(n, γ)

90-Th-227

Cross Section -99.71 To 9999. %

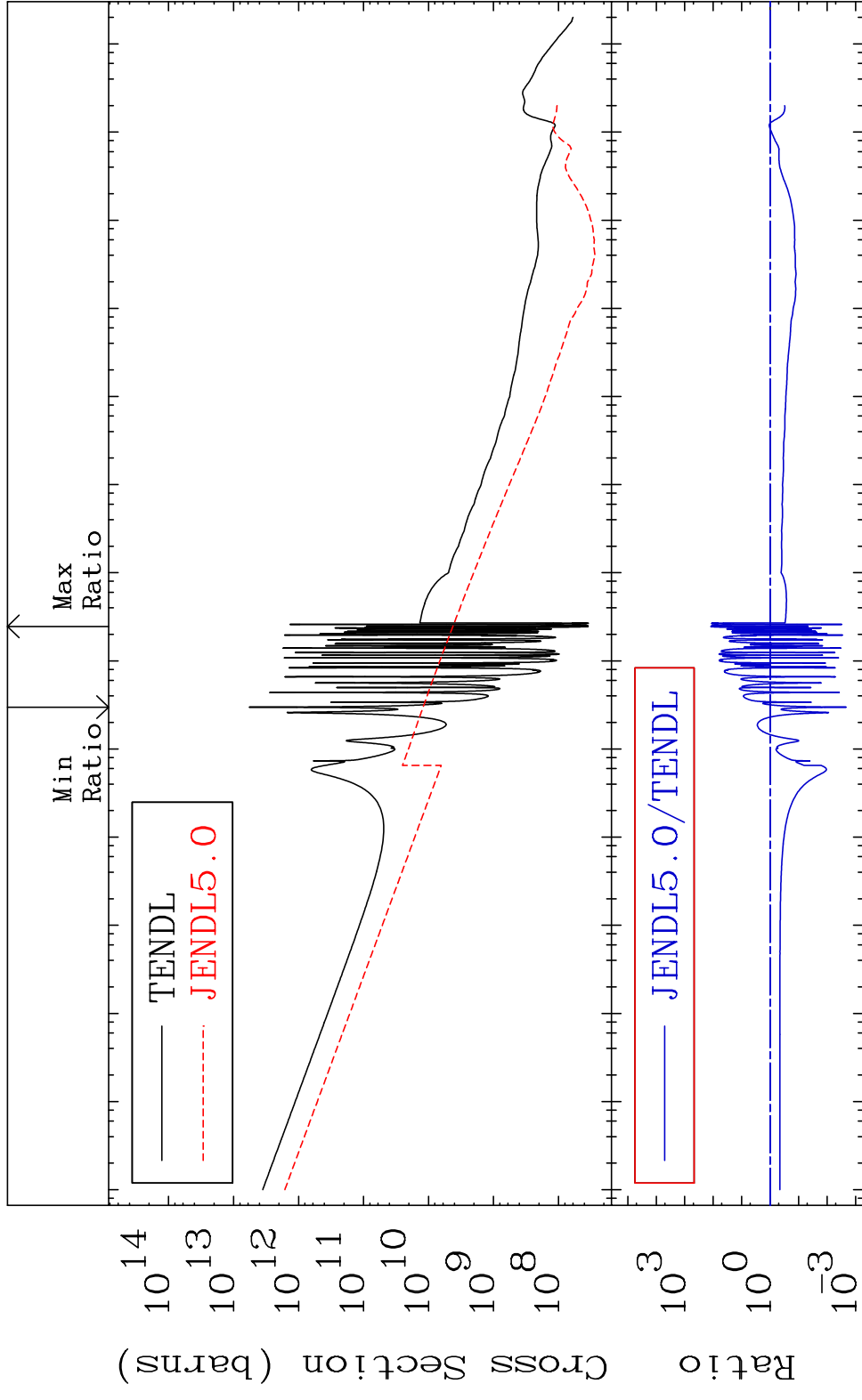


23

Incident Energy (eV)

90-Th-227

MAT 9025 Kerma total (eV-barns) 90-Th-227
 Cross Section -99.79 To 9999. %

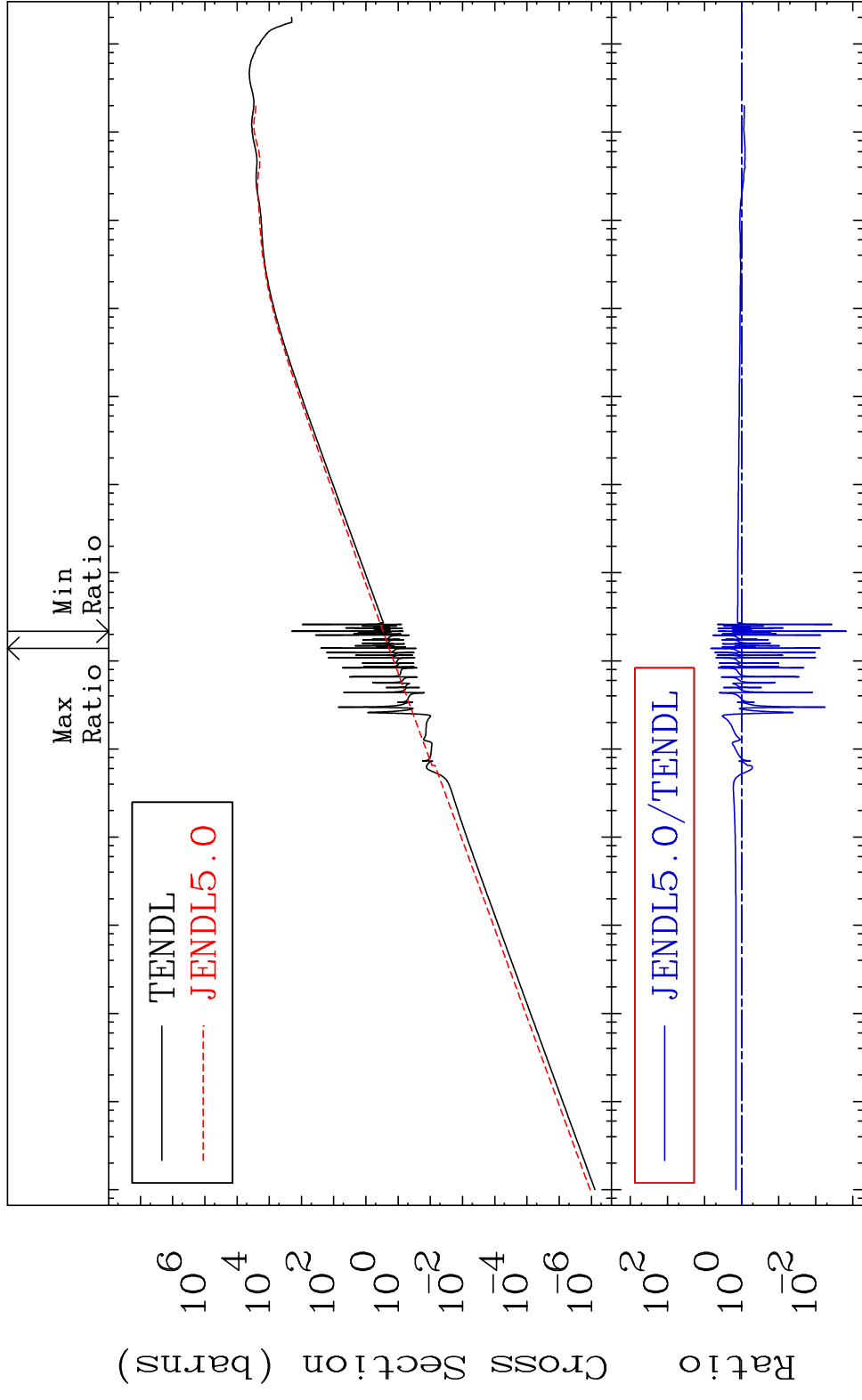


24 Incident Energy (eV) 90-Th-227

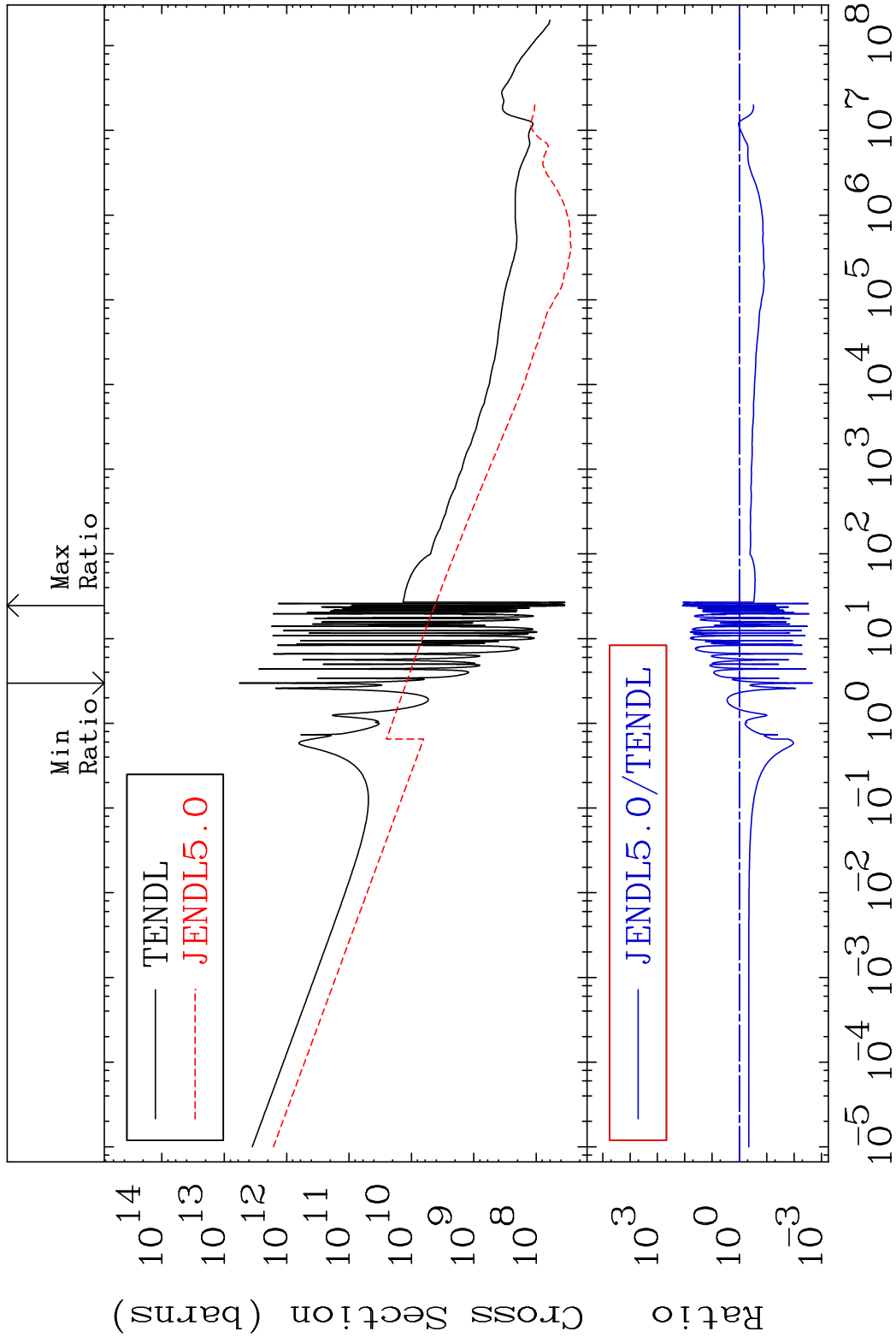
MAT 9025

Kerma elastic
Cross Section -99.85 To 580.3 %

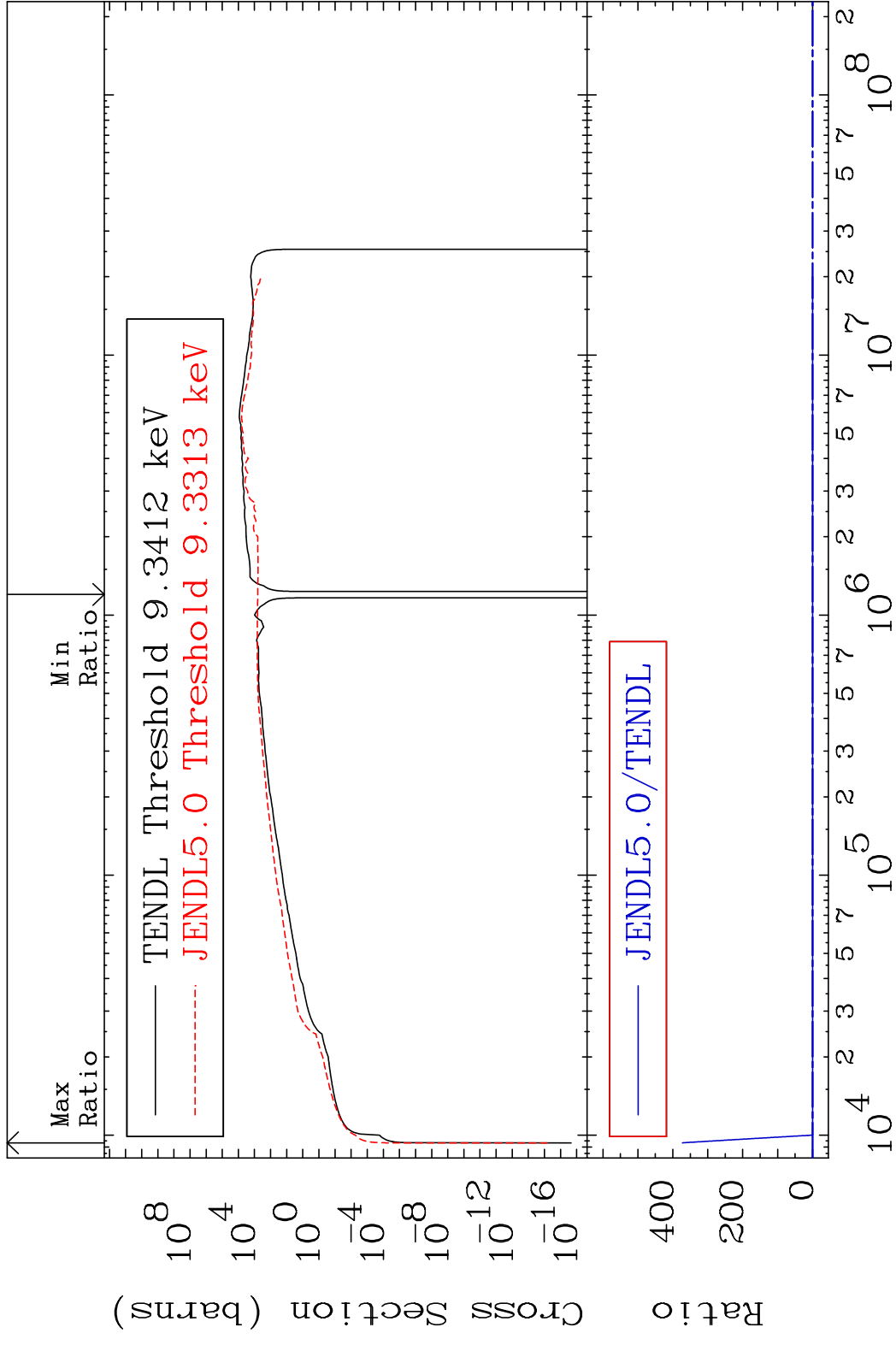
90-Th-227



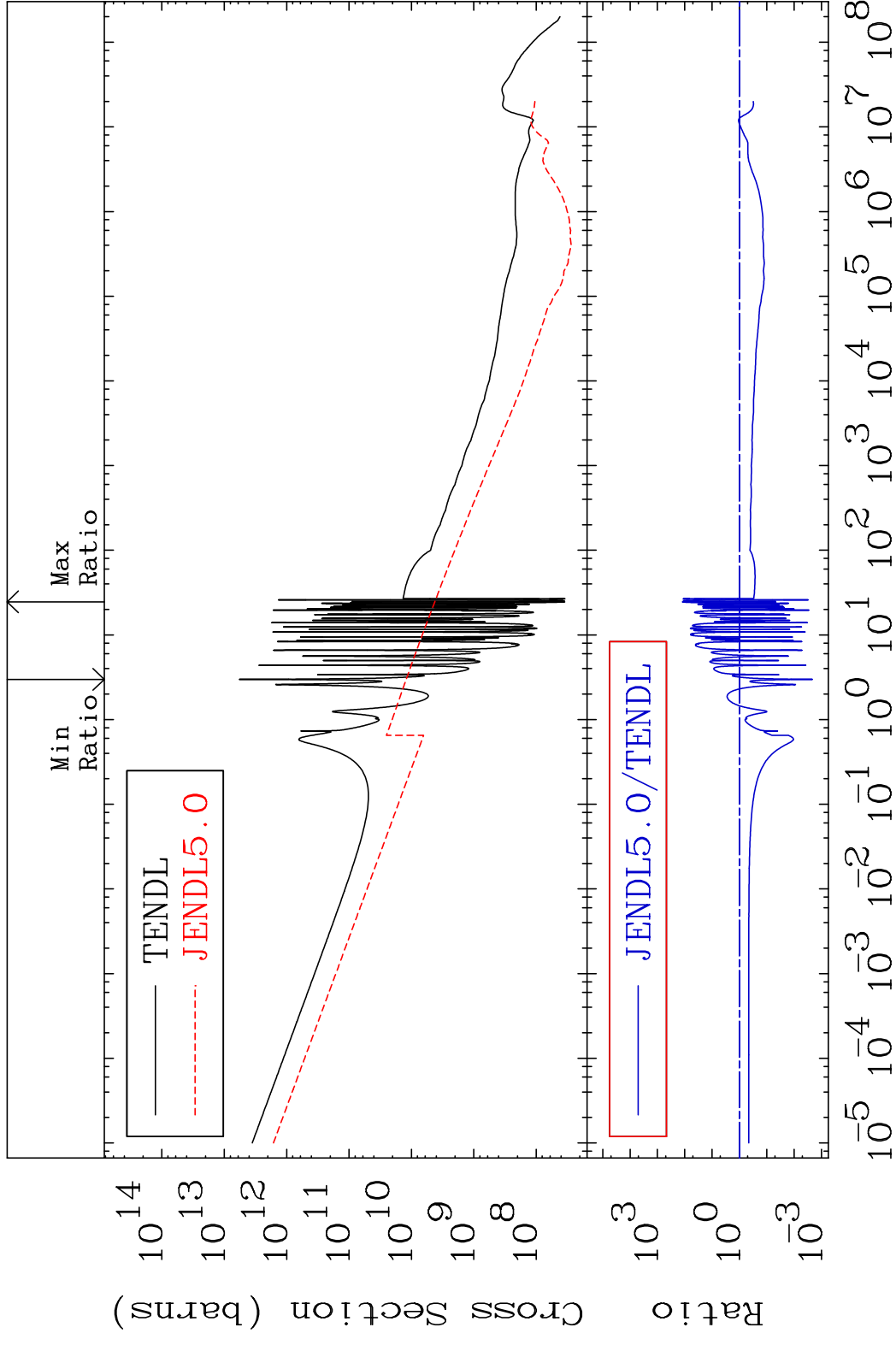
MAT 9025 Kerma non-elastic (all but mt2) 90-Th-227
 Cross Section -99.79 To 9999. %



MAT 9025 Kerma inelastic (mt51-91) 90-Th-227
 Cross Section -558.2 To 9999. %

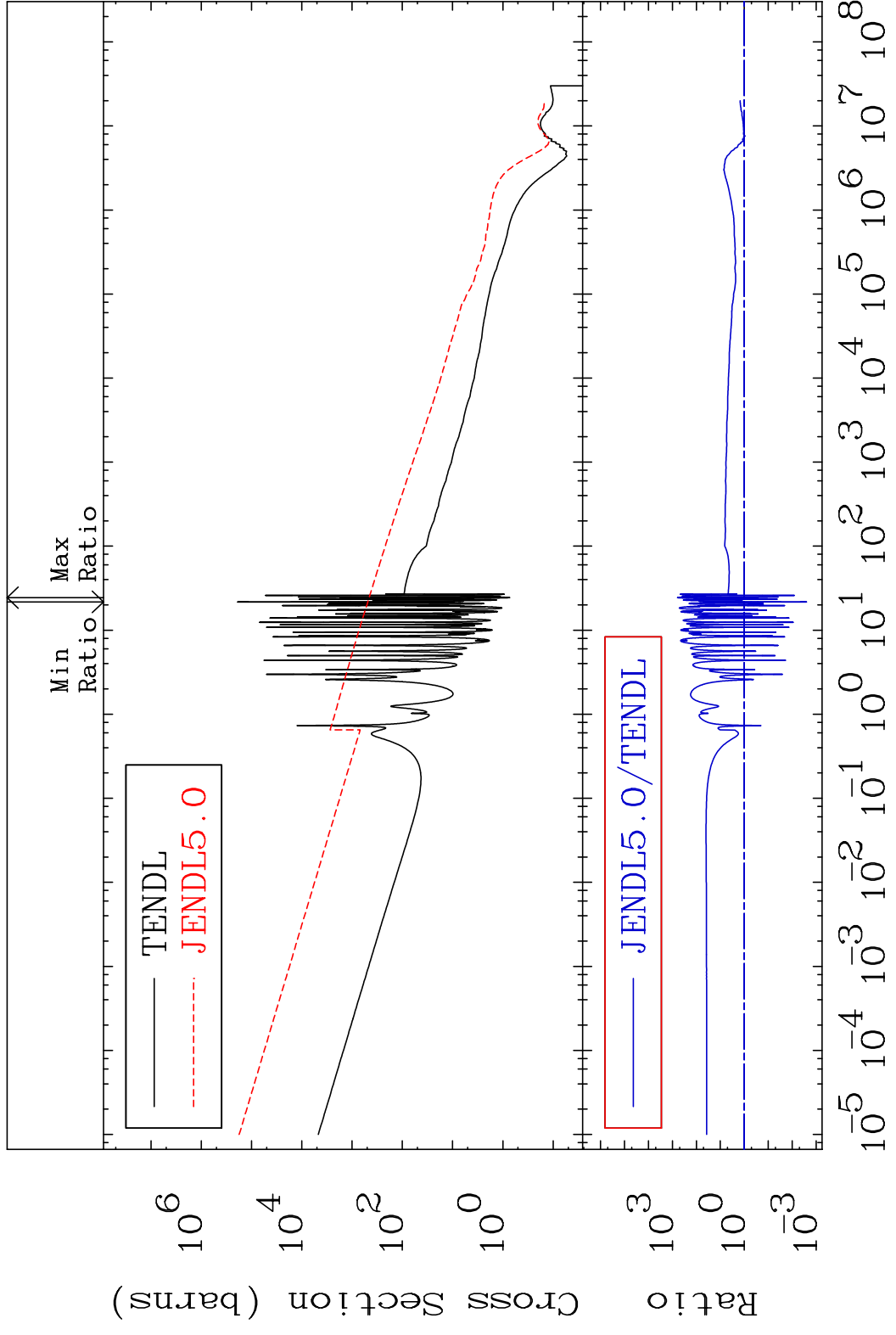


MAT 9025 Kerma fission (mt18 or mt19-20-21-38)90-Th-227
 Cross Section -99.79 To 9999. %

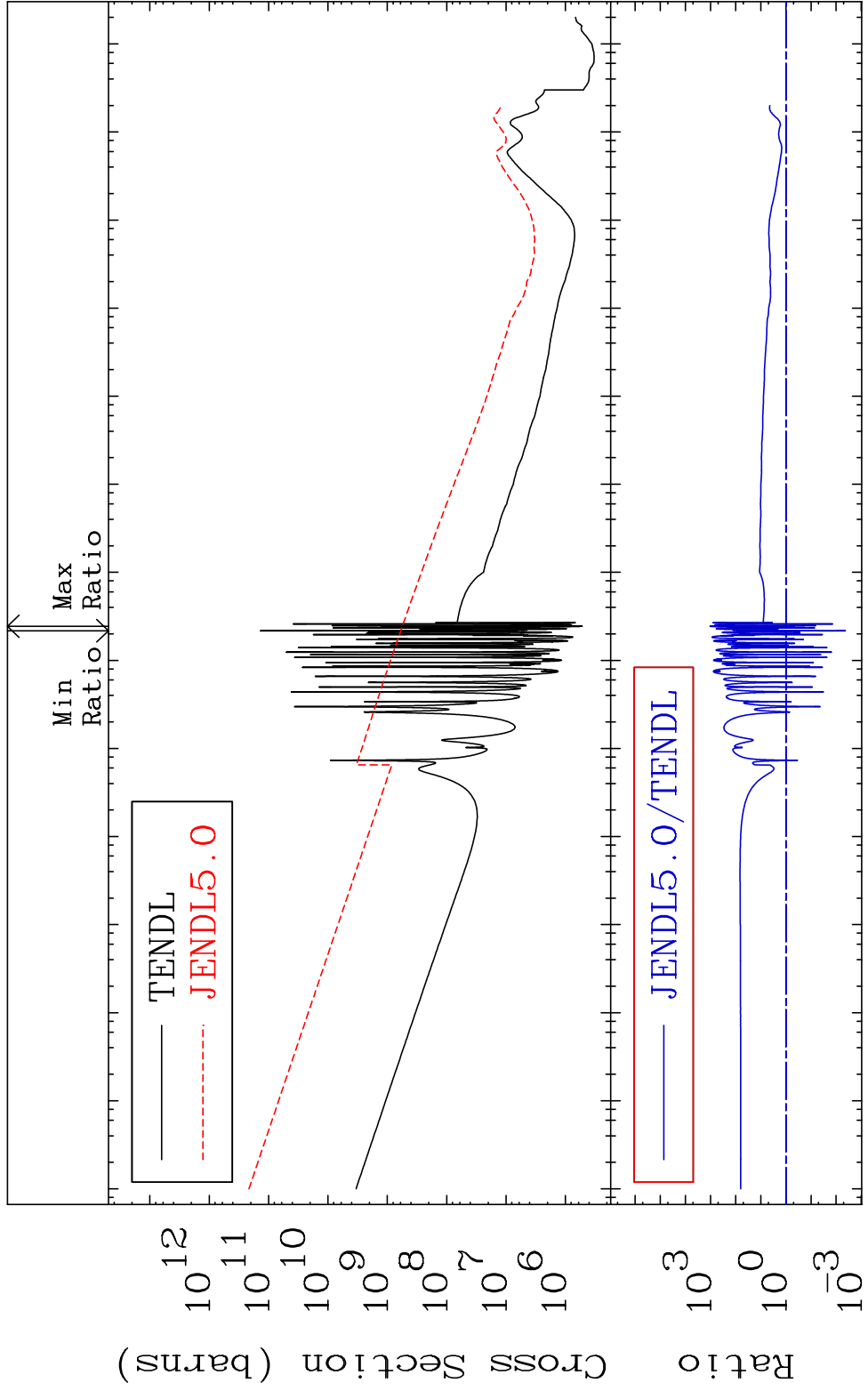


MAT 9025

Kerma capture (mt102) 90-Th-227
Cross Section -99.74 To 9999. %

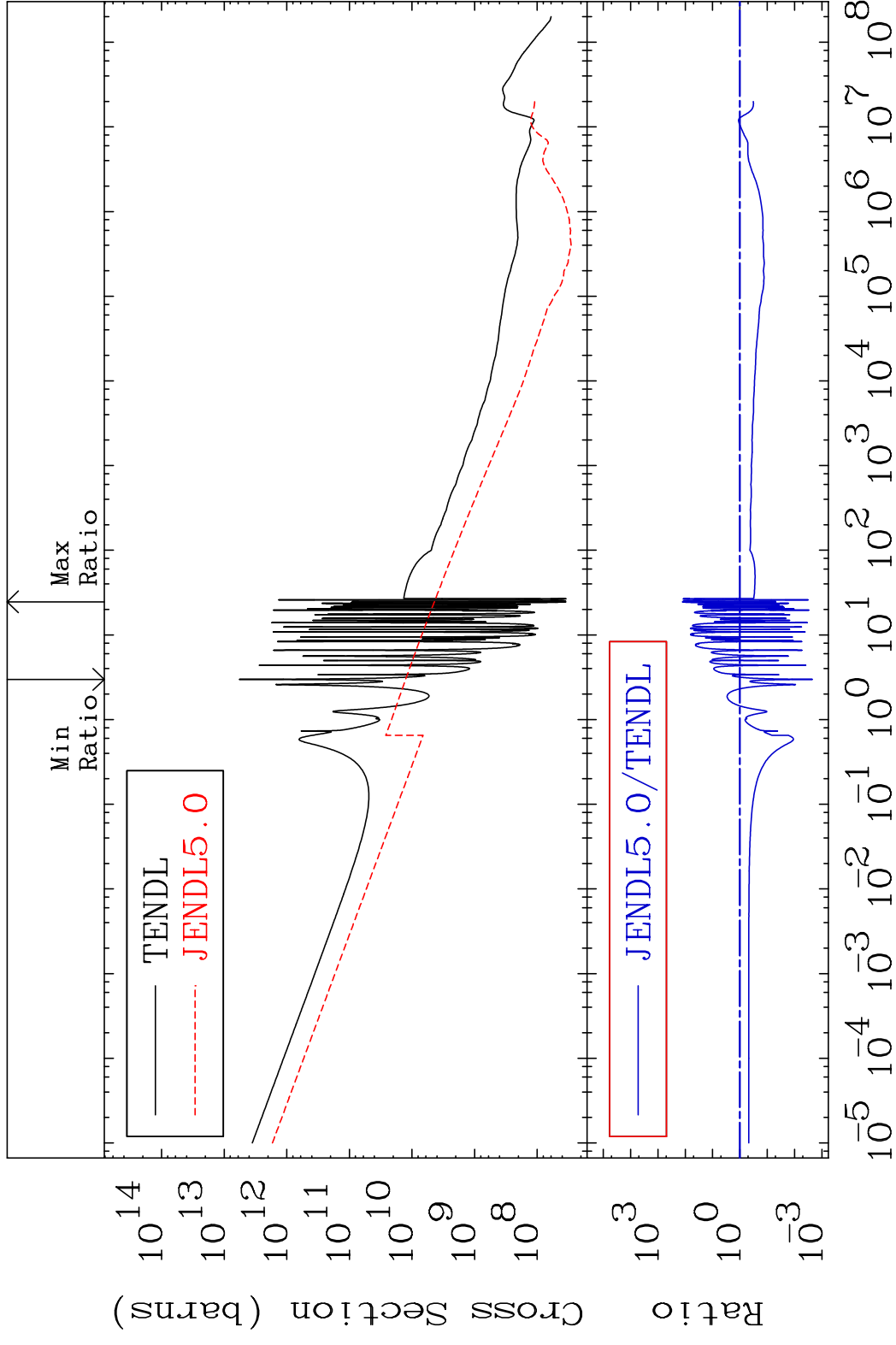


MAT 9025 Total photon (eV-barns) 90-Th-227
 Cross Section -99.57 To 9999. %

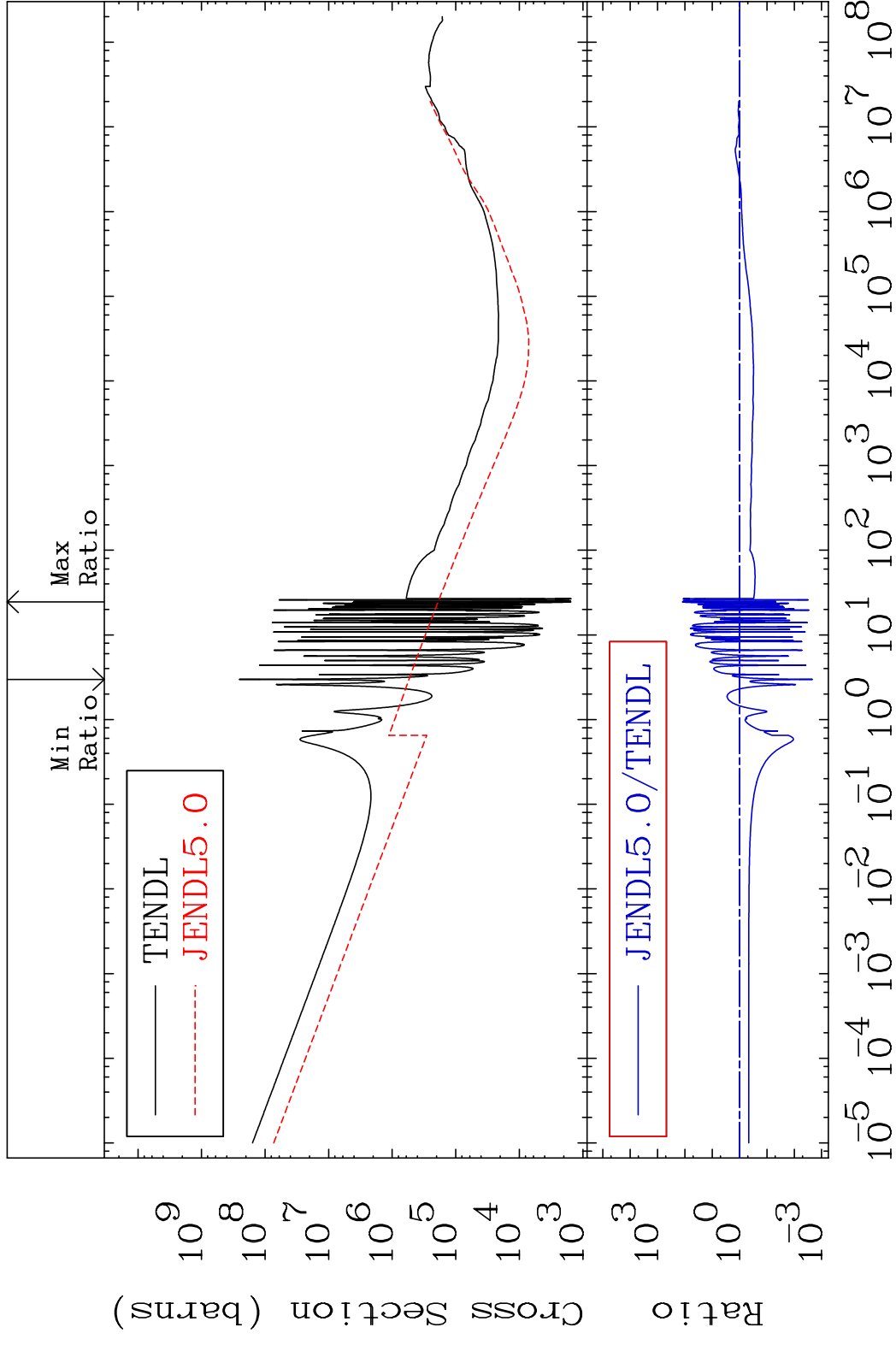


30 Incident Energy (eV) 90-Th-227

MAT 9025 Total kinematic kerma (high limit) 90-Th-227
 Cross Section -99.78 To 9999. %



MAT 9025 Dpa total (eV-barns) 90-Th-227
 Cross Section -99.79 To 9999. %



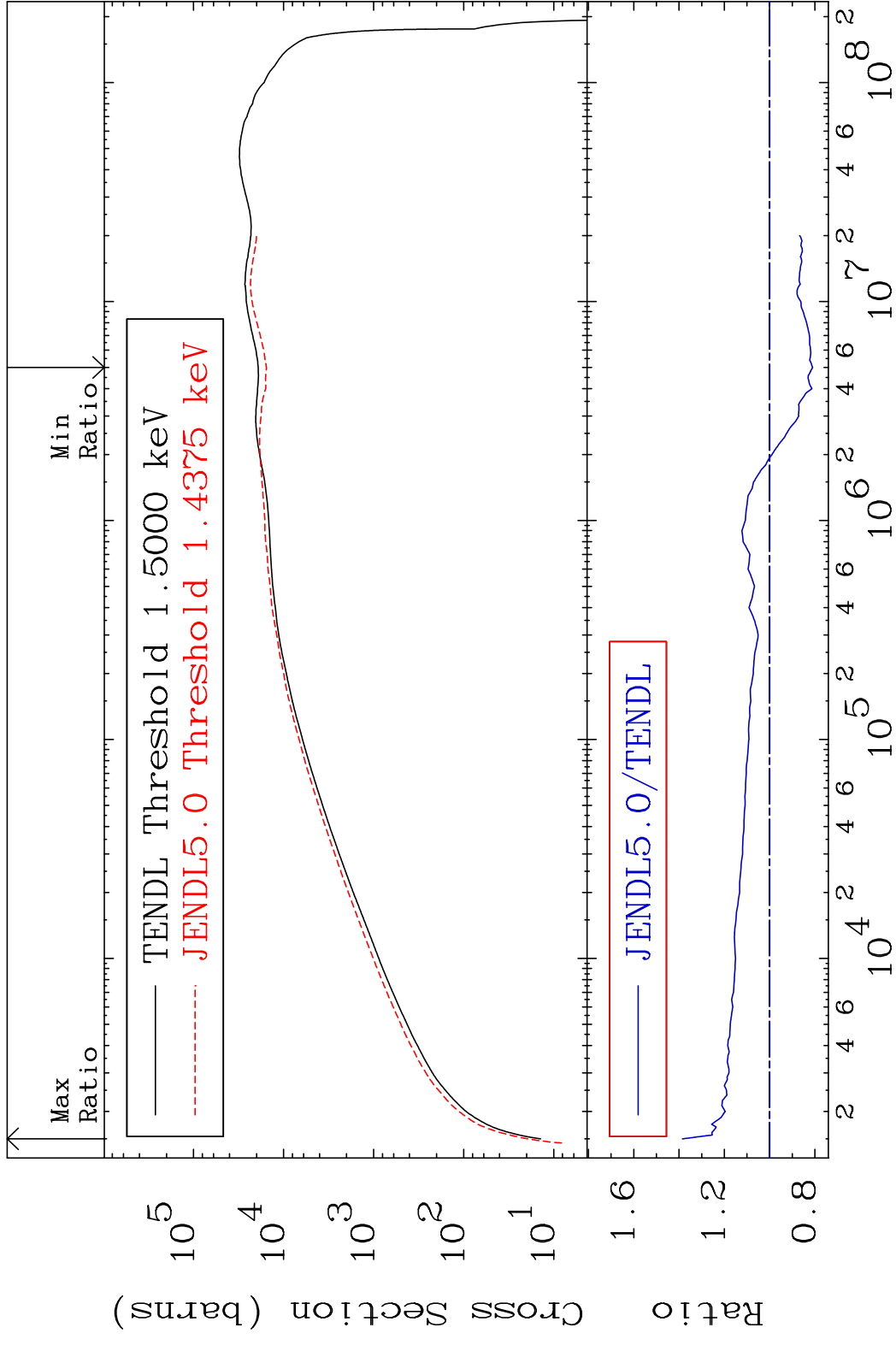
MAT 9025

Dpa elastic (mt2)

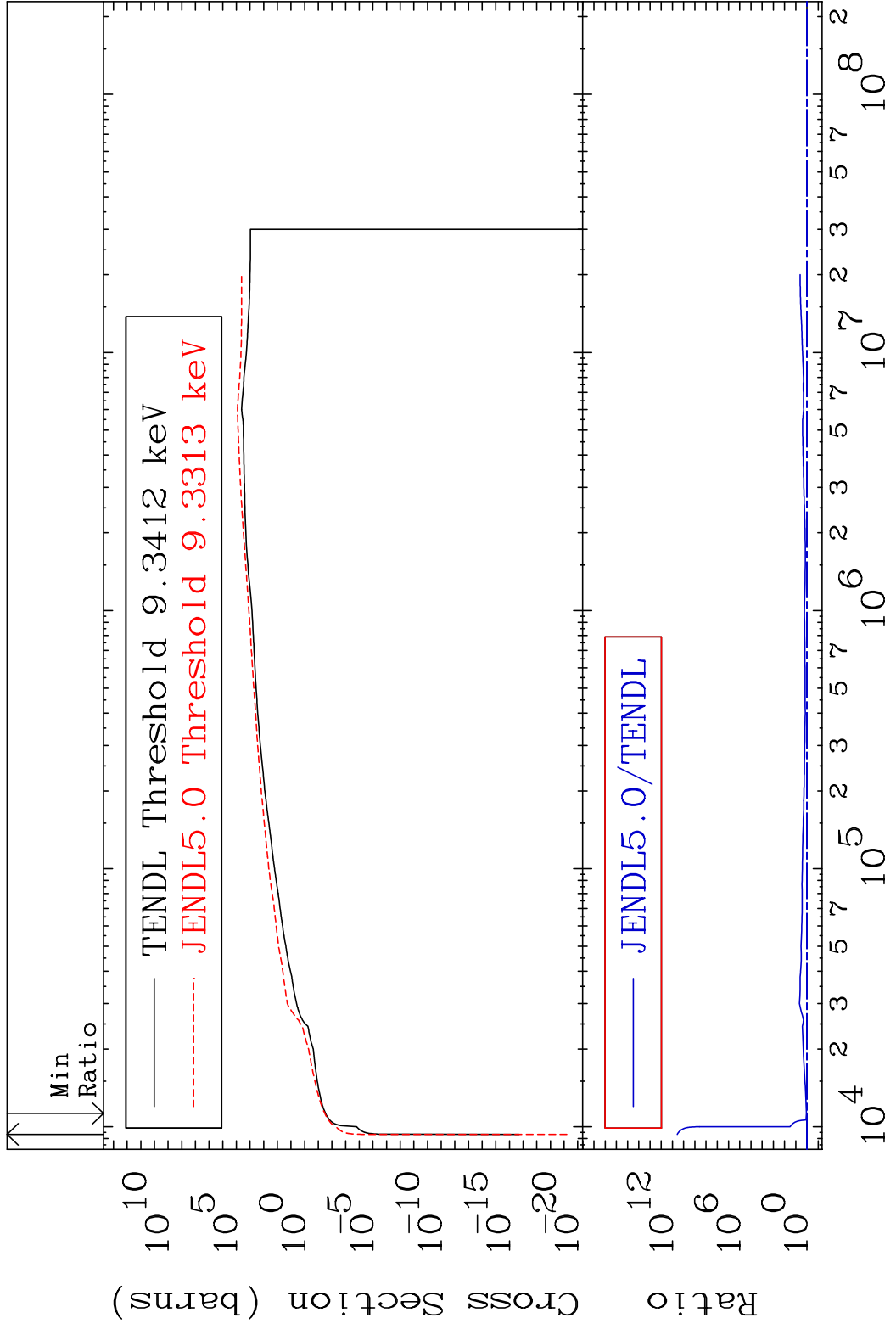
90-Th-227

Cross Section

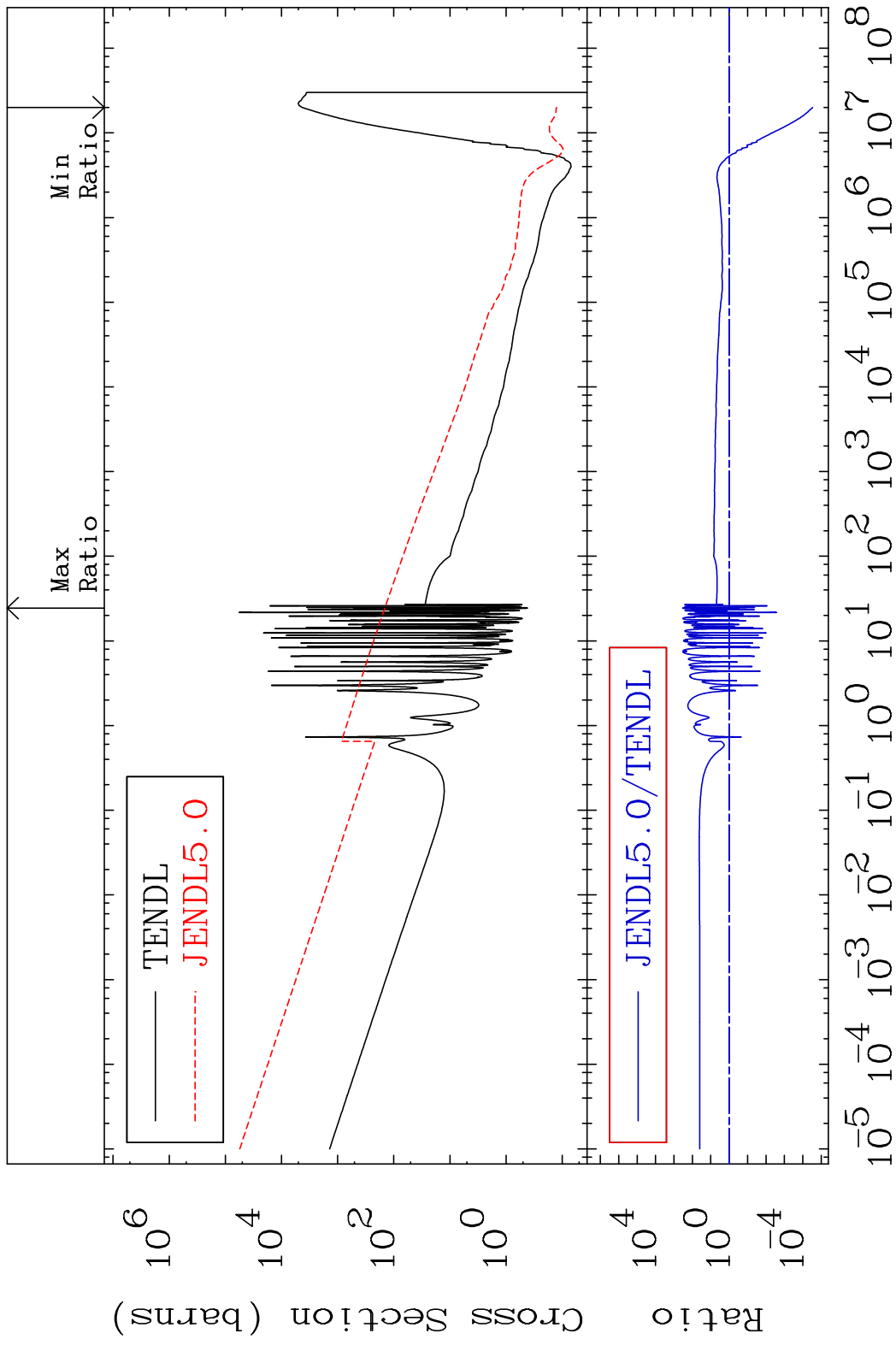
-18.97 To 38.52 %



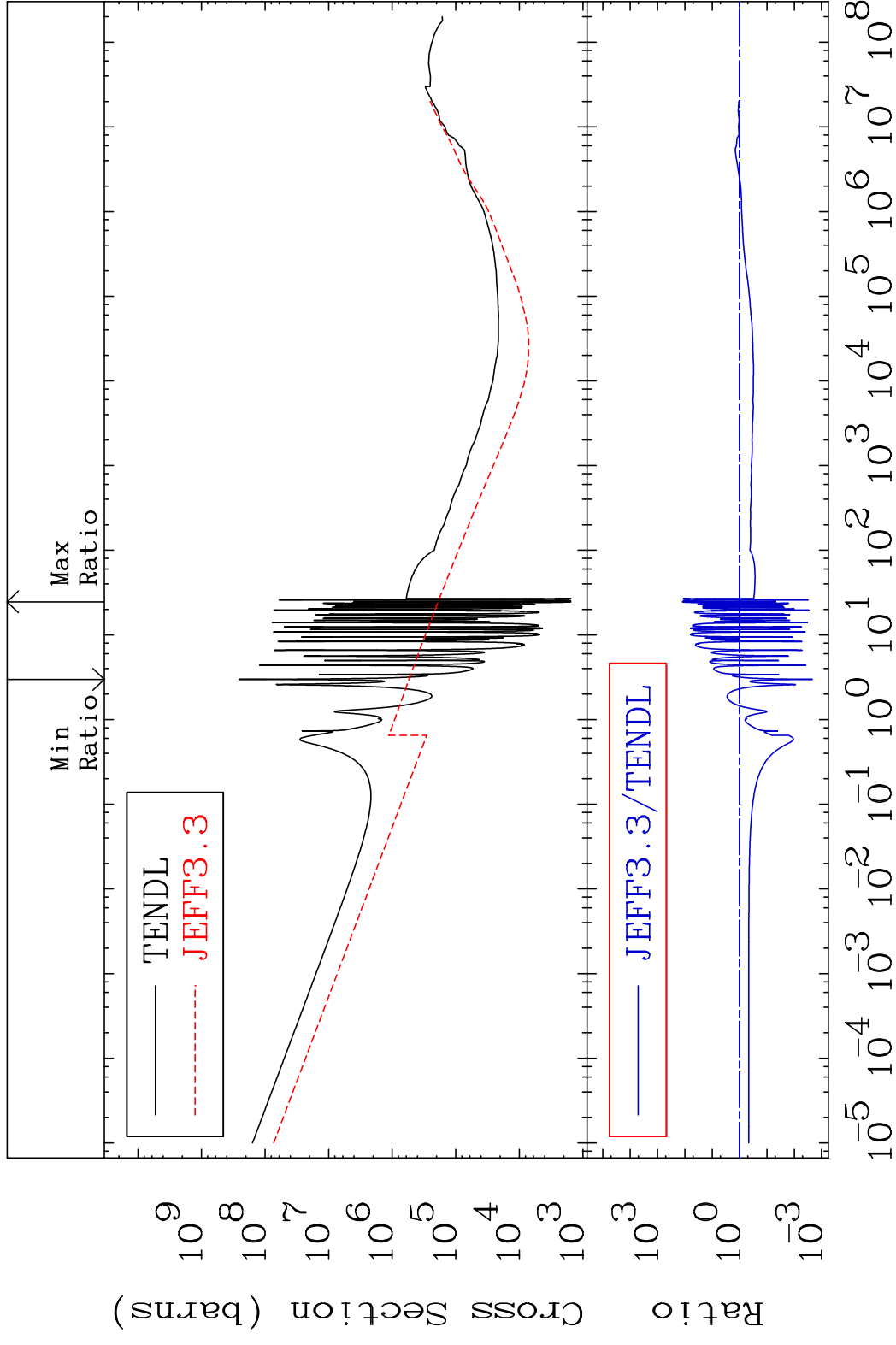
MAT 9025 Dpa inelastic (mt51-91) 90-Th-227
 Cross Section 12.25 To 9999. %



MAT 9025 Dpa disappearance (mt102 -120) 90-Th-227
 Cross Section -100.0 To 9999. %



MAT 9025 Dpa total (eV-barns) 90-Th-227
 Cross Section -99.79 To 9999. %



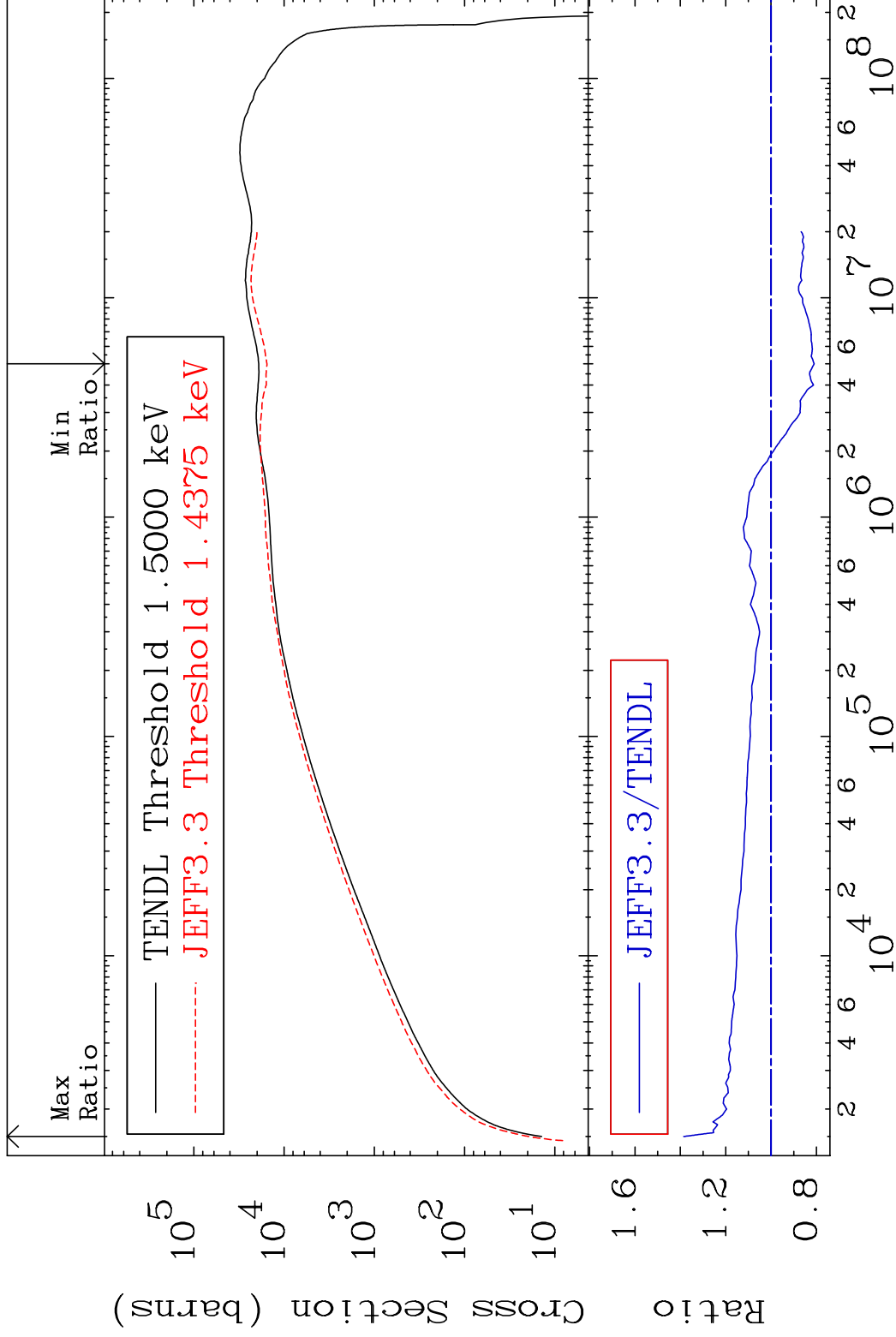
MAT 9025

Dpa elastic (mt2)

90-Th-227

Cross Section

-18.97 To 38.52 %

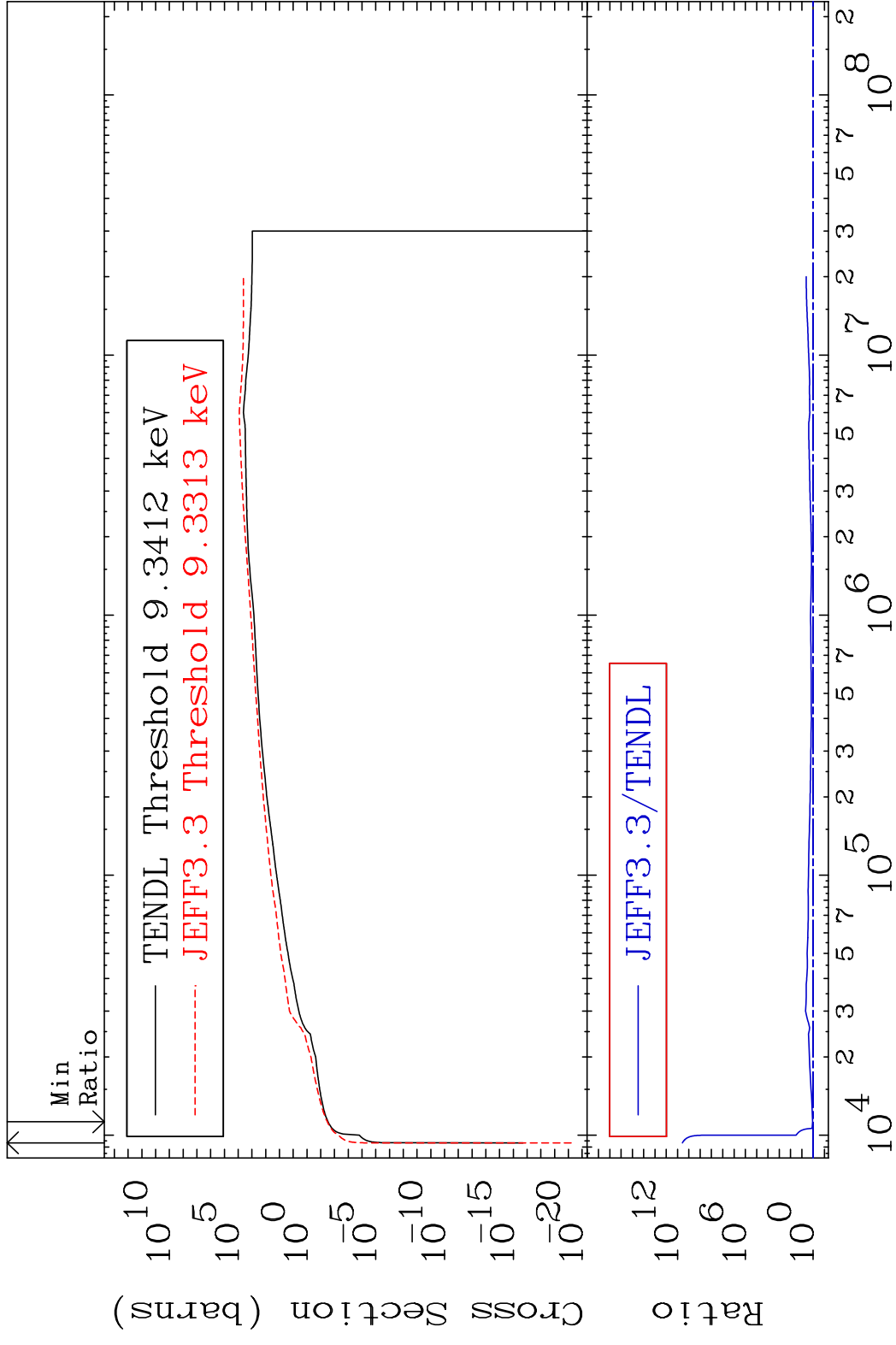


37

Incident Energy (eV)

90-Th-227

MAT 9025 Dpa inelastic (mt51-91) 90-Th-227
 Cross Section 12.25 To 9999. %



MAT 9025 Dpa disappearance (mt102 -120) 90-Th-227
 Cross Section -100.0 To 9999. %

