

Program Complot
(Version 2021-1)

by

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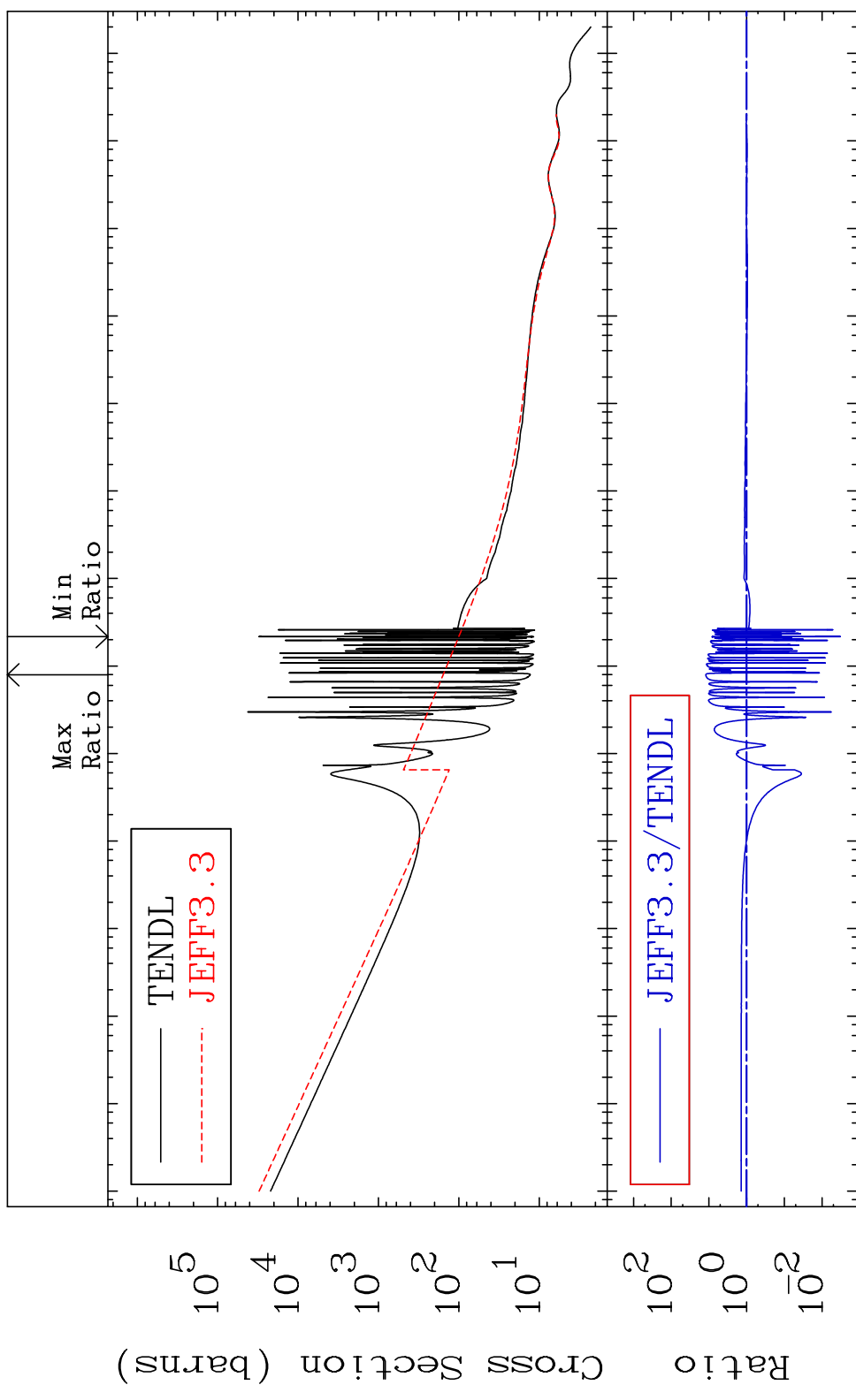
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9025

Total
Cross Section -99.67 To 1115. %

90-Th-227

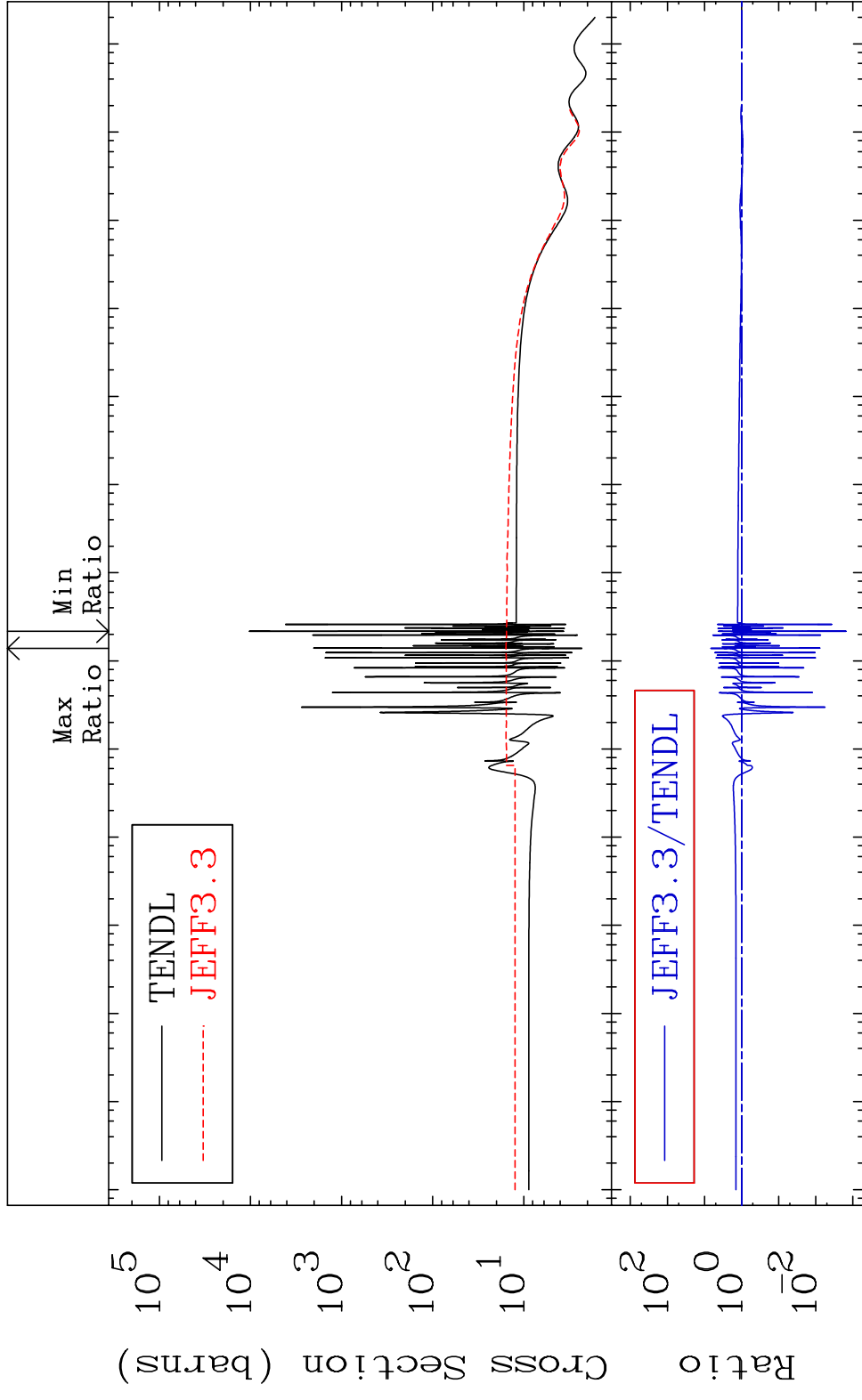


1 Incident Energy (eV) 90-Th-227

MAT 9025

Elastic Cross Section -99.85 To 580.3 %

90-Th-227



Incident Energy (eV)

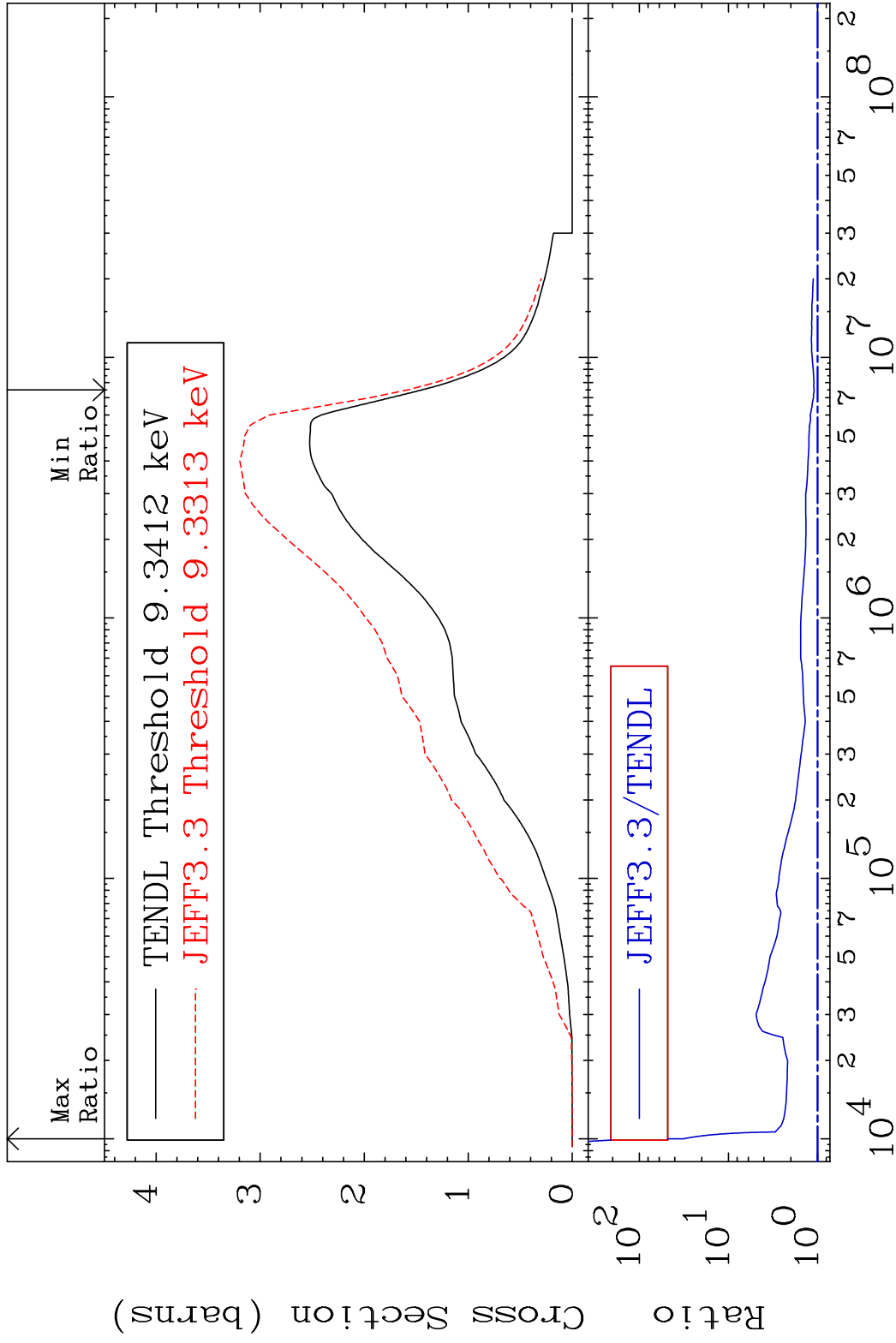
2

MAT 9025

Inelastic

90-Th-227

Cross Section 9.394 To 3087. %



Incident Energy (eV)

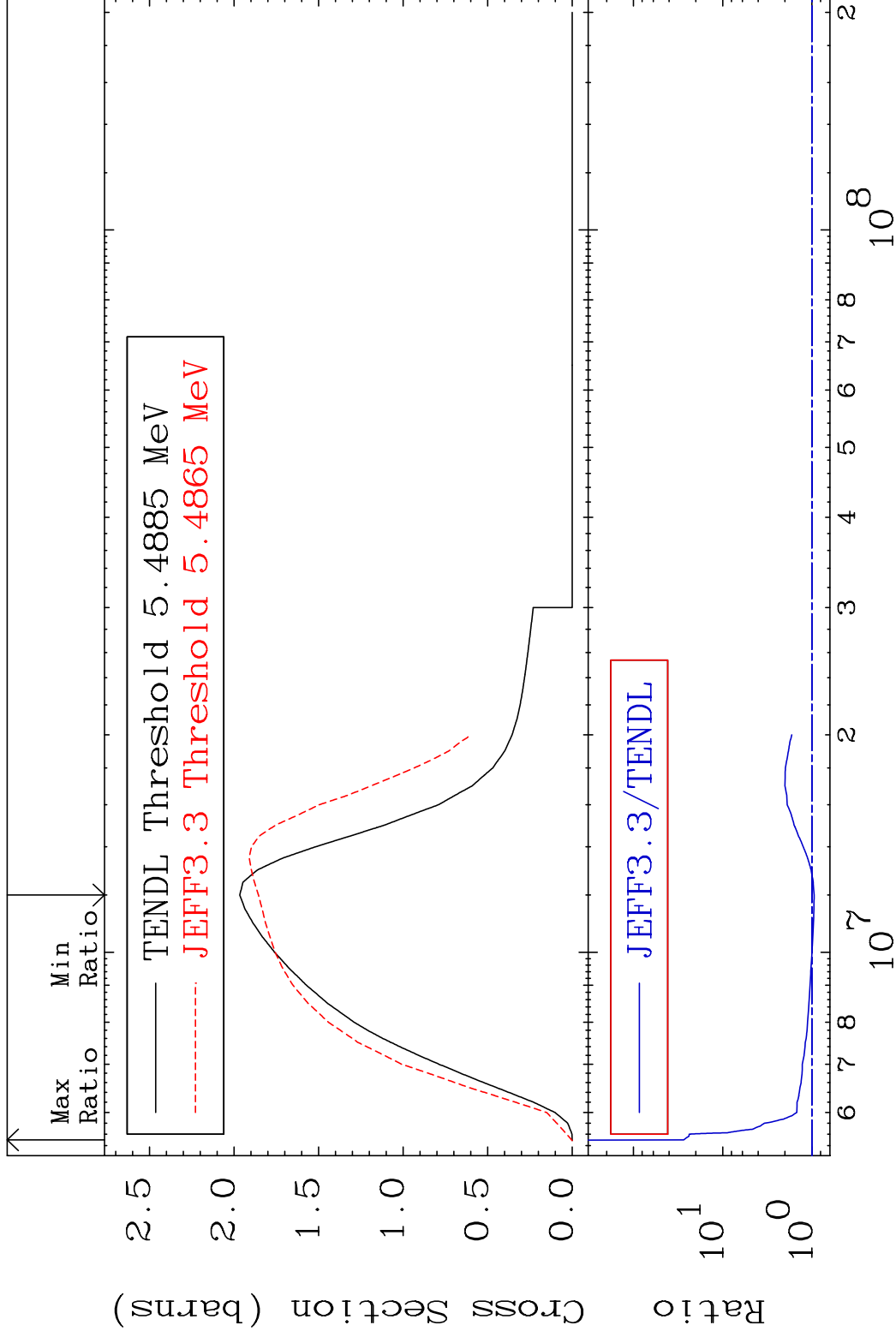
90-Th-227

MAT 9025

(n,2n)

90-Th-227

Cross Section -5.625 To 2640. %



4

Incident Energy (eV)

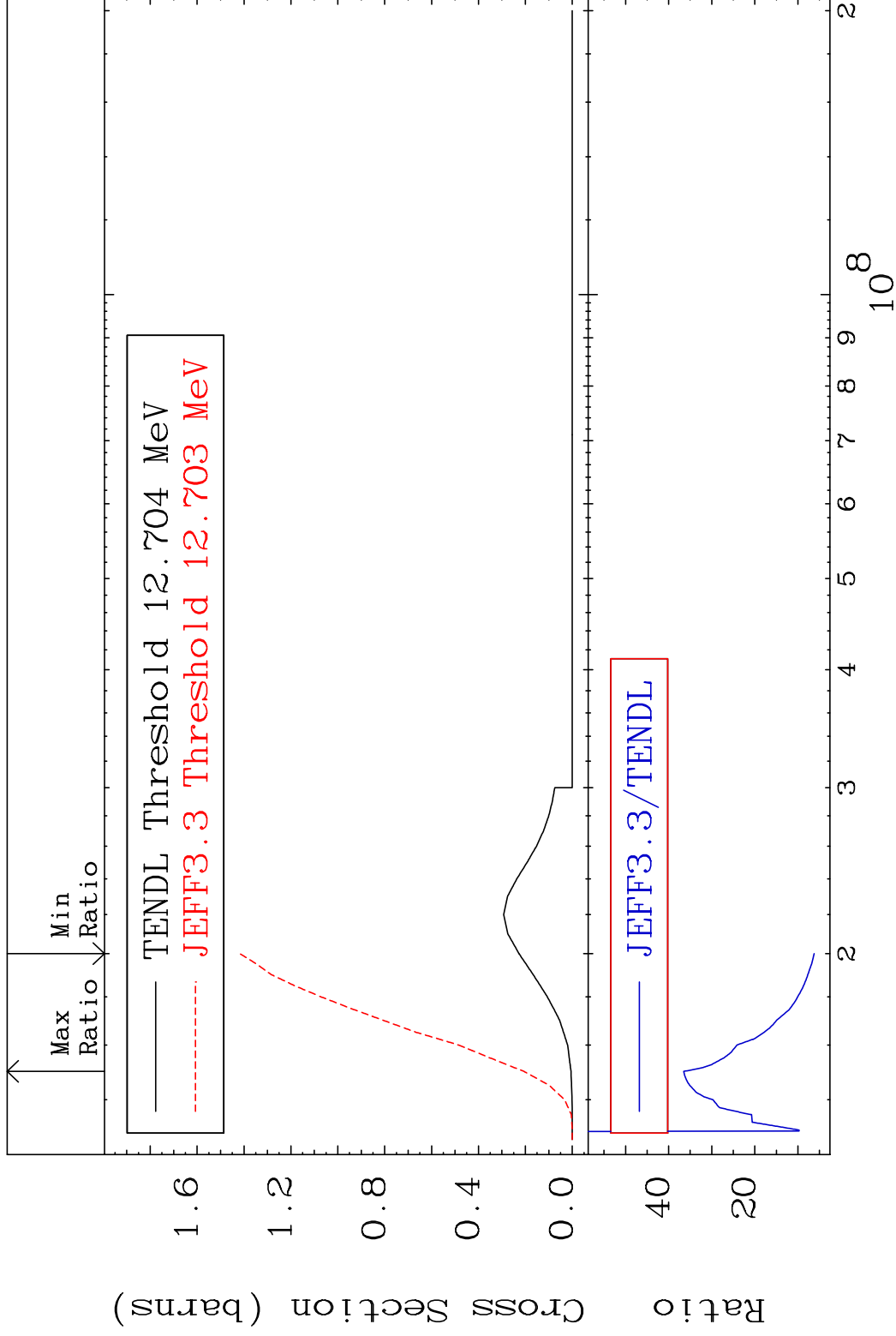
90-Th-227

MAT 9025

(n,3n)

90-Th-227

Cross Section 523.3 To 3552. %



5

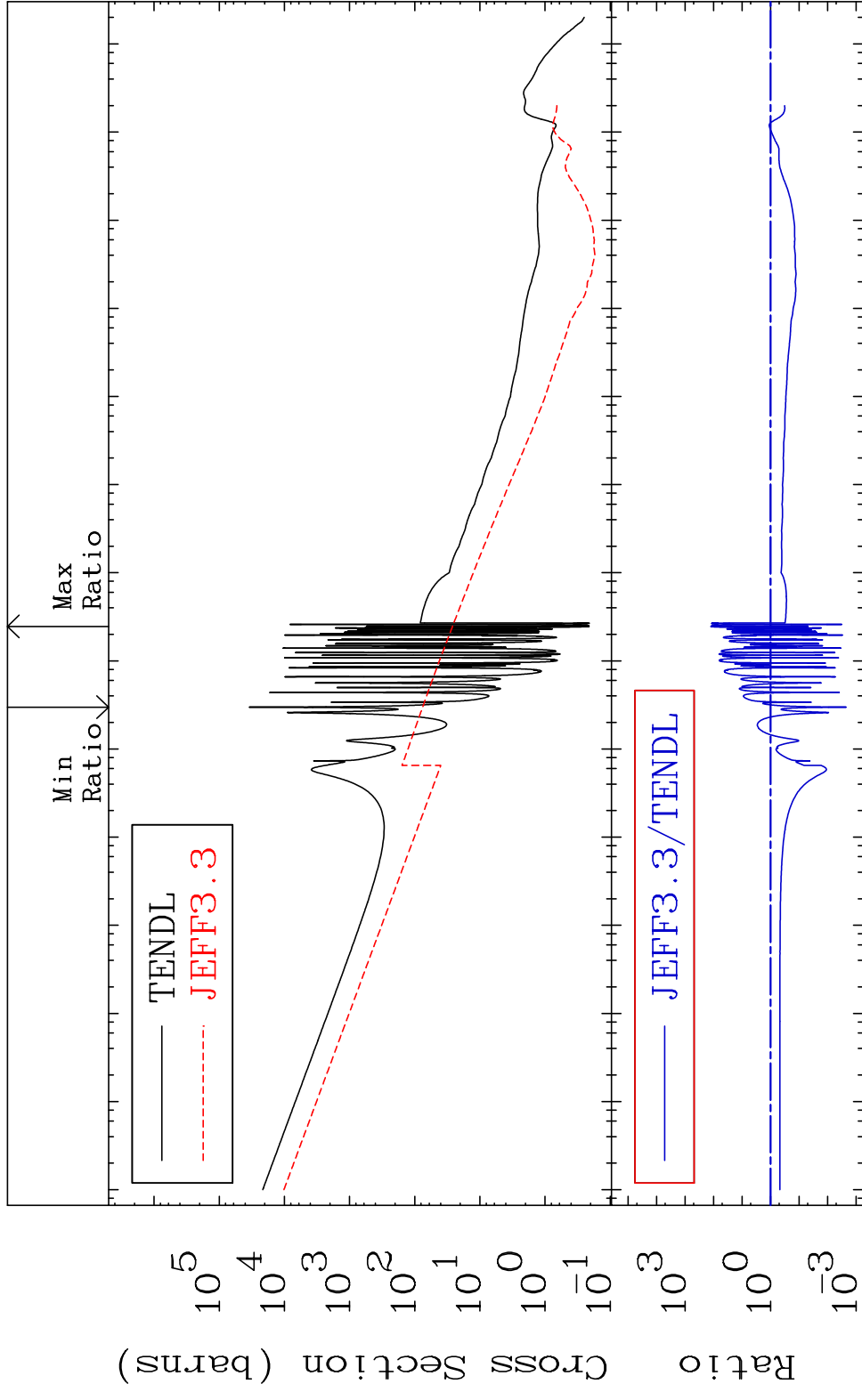
Incident Energy (eV)

90-Th-227

MAT 9025

Fission Cross Section -99.78 To 9999. %

90-Th-227

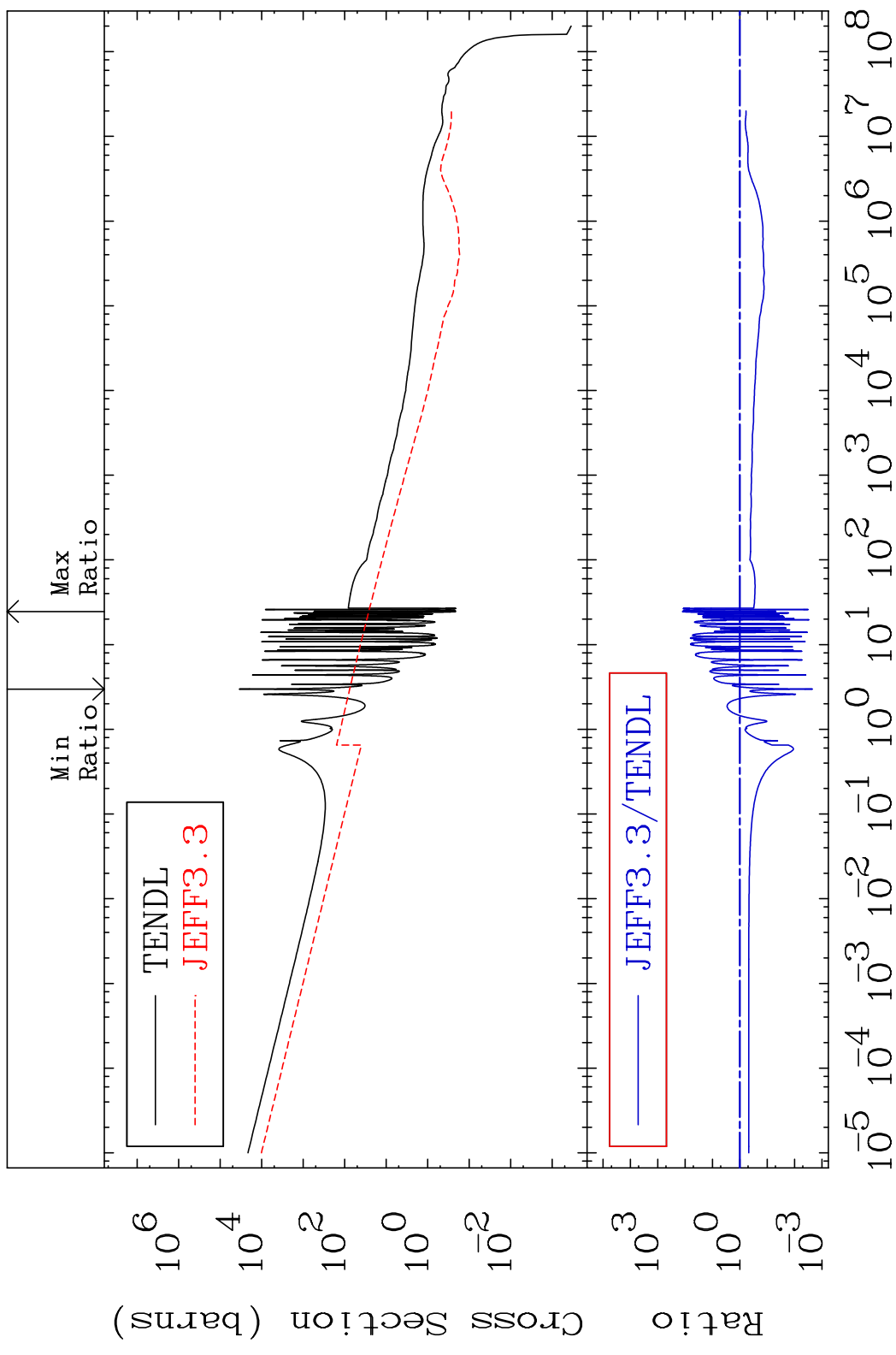


MAT 9025

(n,f) First Chance

90-Th-227

Cross Section -99.78 To 9999. %

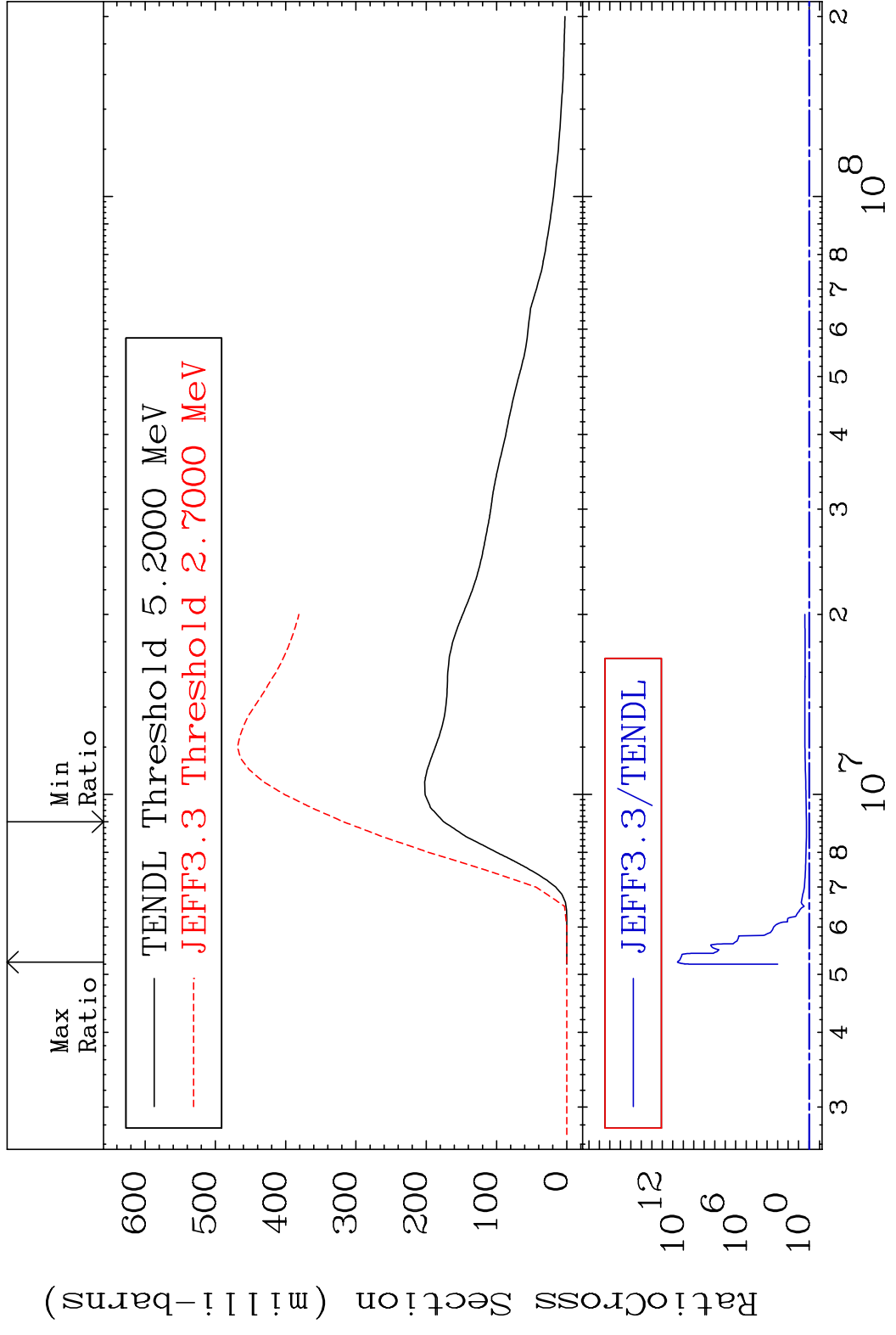


7

Incident Energy (eV)

90-Th-227

MAT 9025 (n, nf) Second Chance 90-Th-227
 Cross Section 81.39 To 9999. %

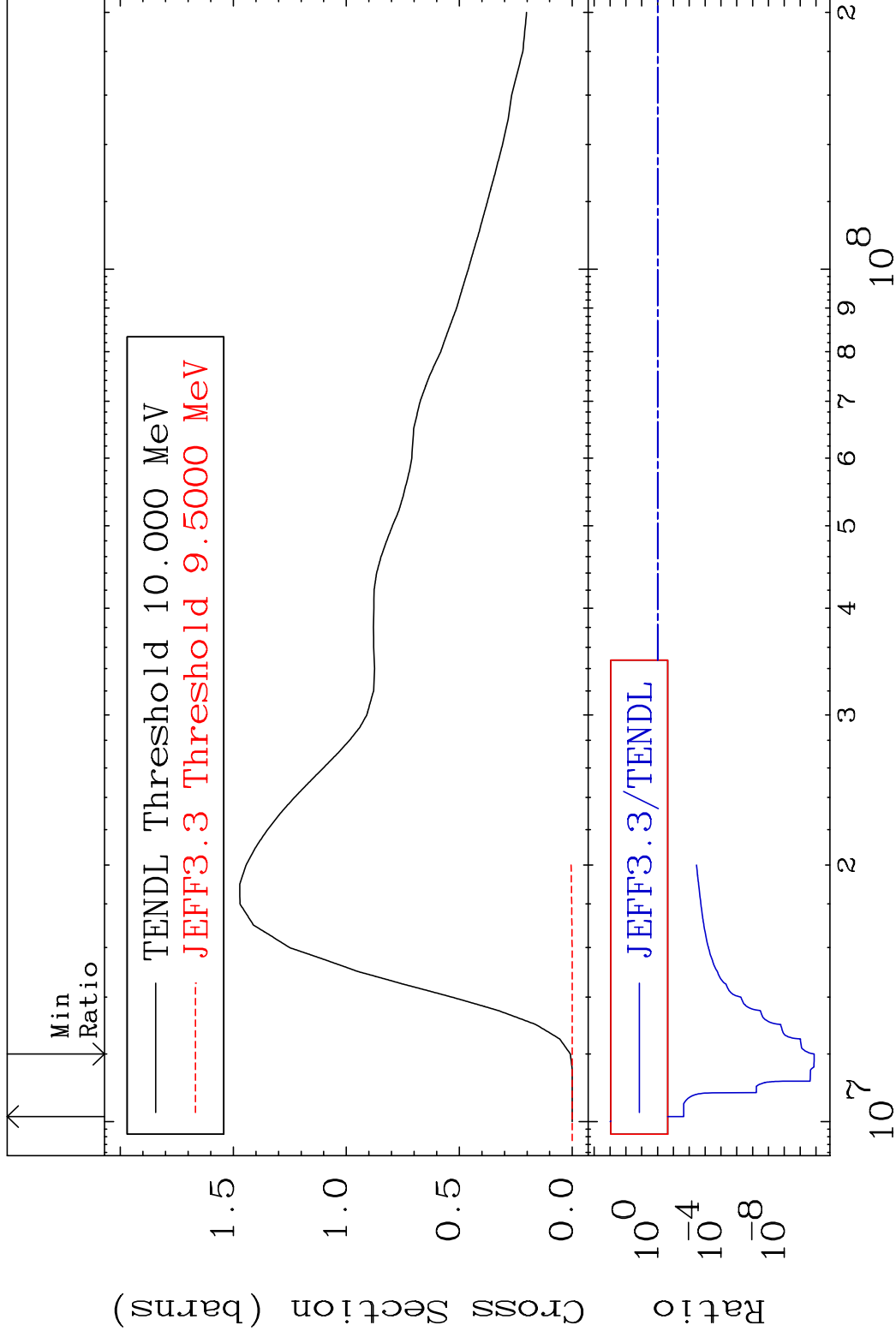


MAT 9025

(n,2nf) Third Chance

90-Th-227

Cross Section -100.0 To -97.75%

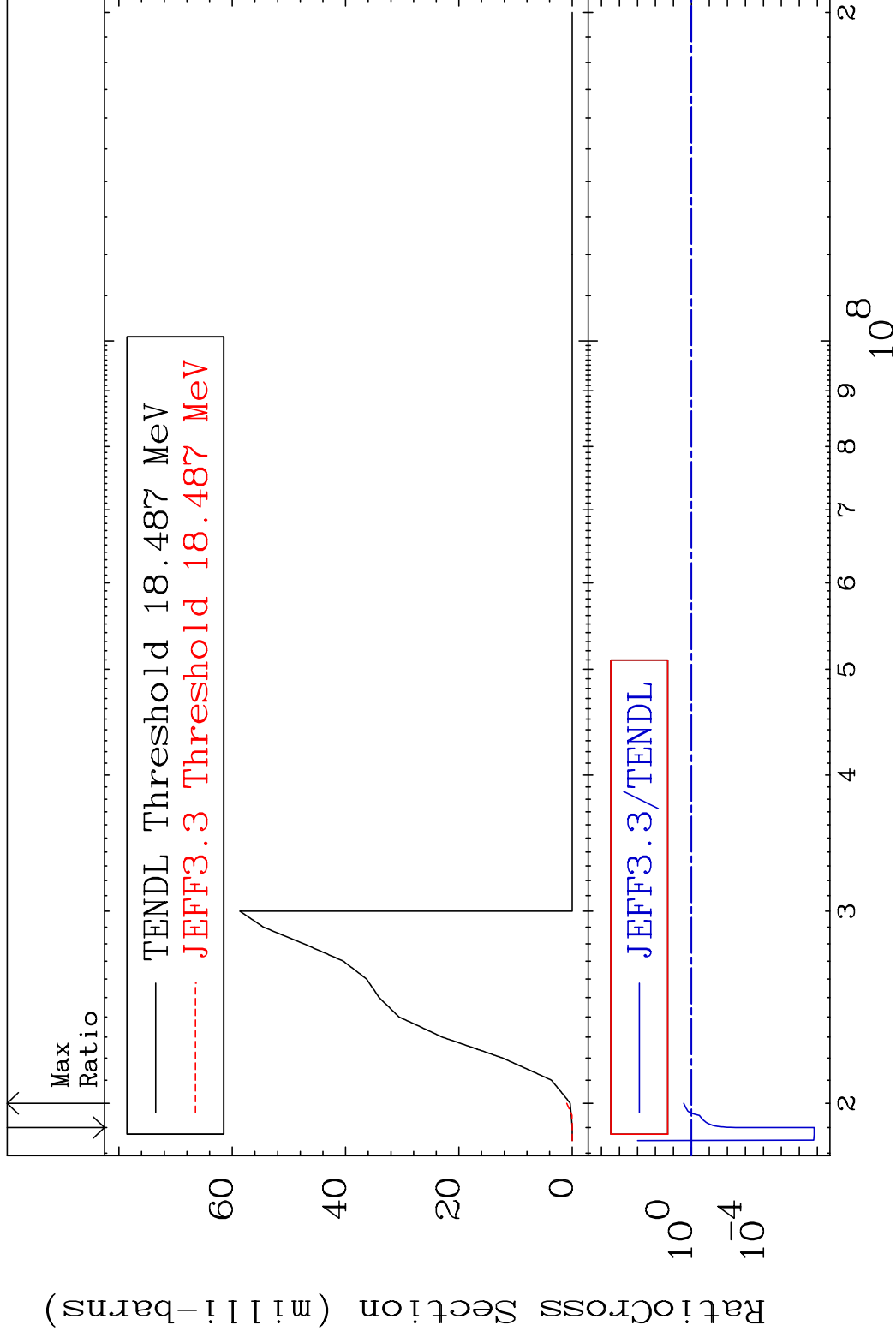


MAT 9025

(n,4n)

90-Th-227

Cross Section -100.0 To 169.4 %

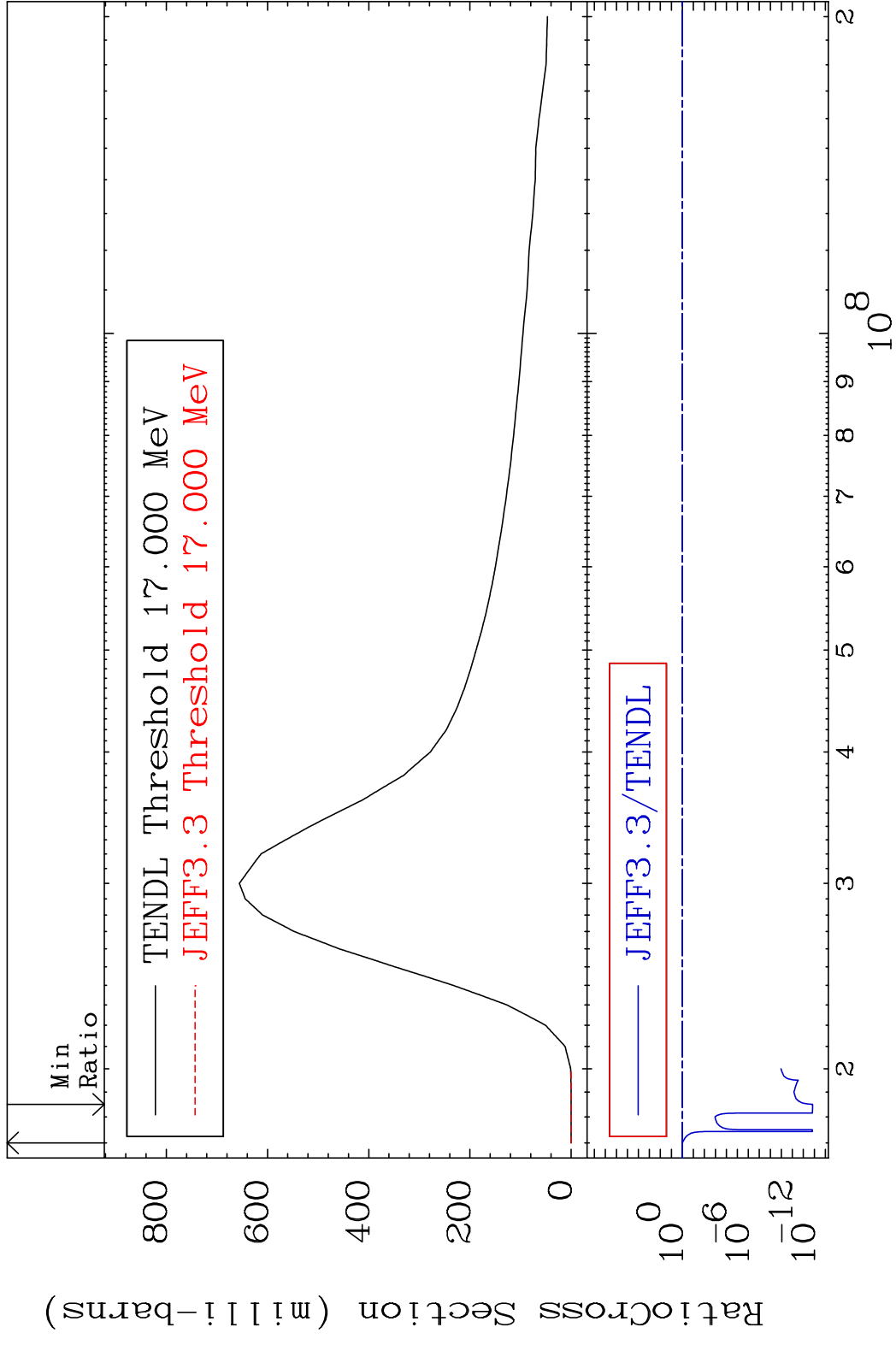


10

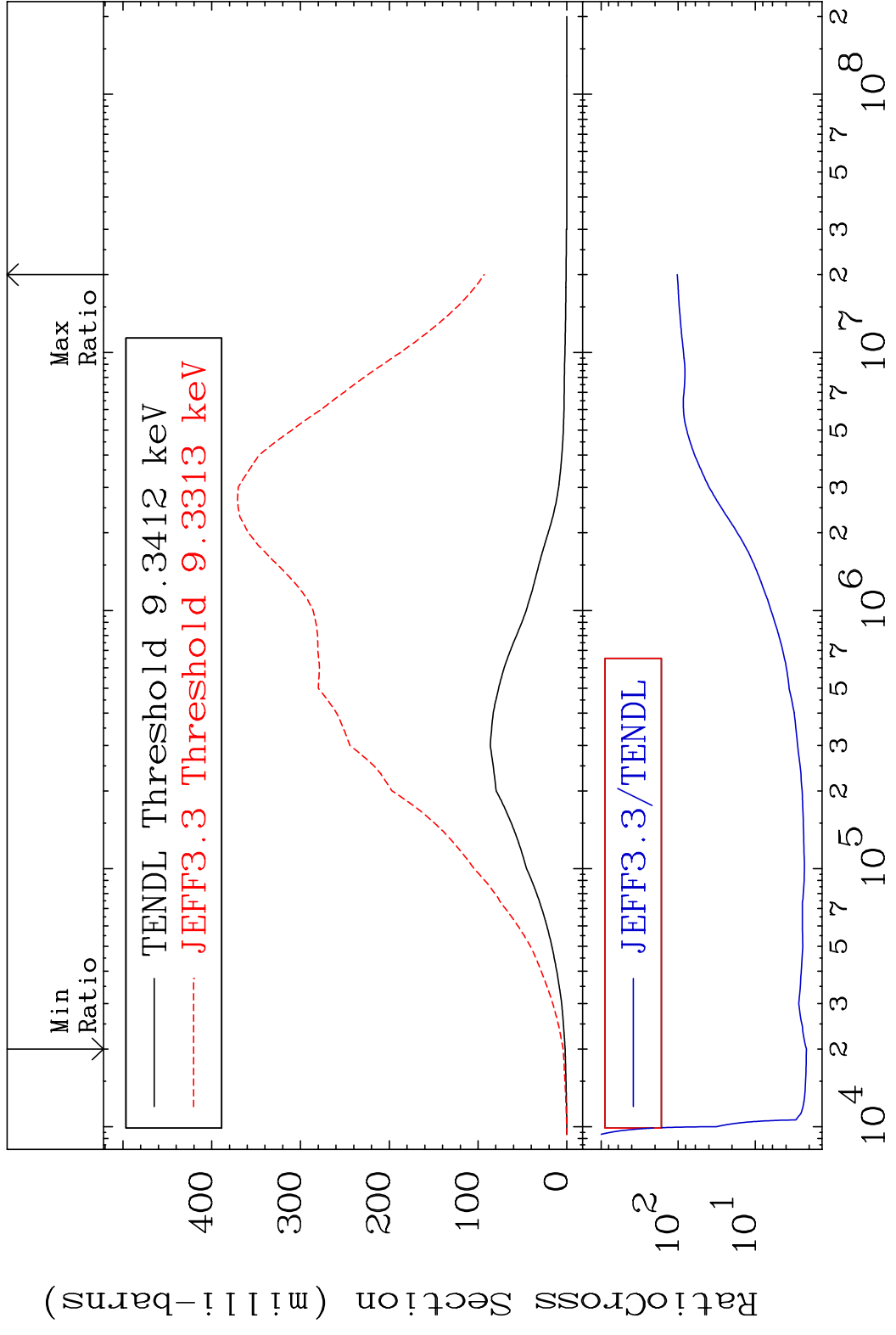
Incident Energy (eV)

90-Th-227

MAT 9025 (n,3nf) Fourth Chance 90-Th-227
 Cross Section -100.0 To 0.000 %

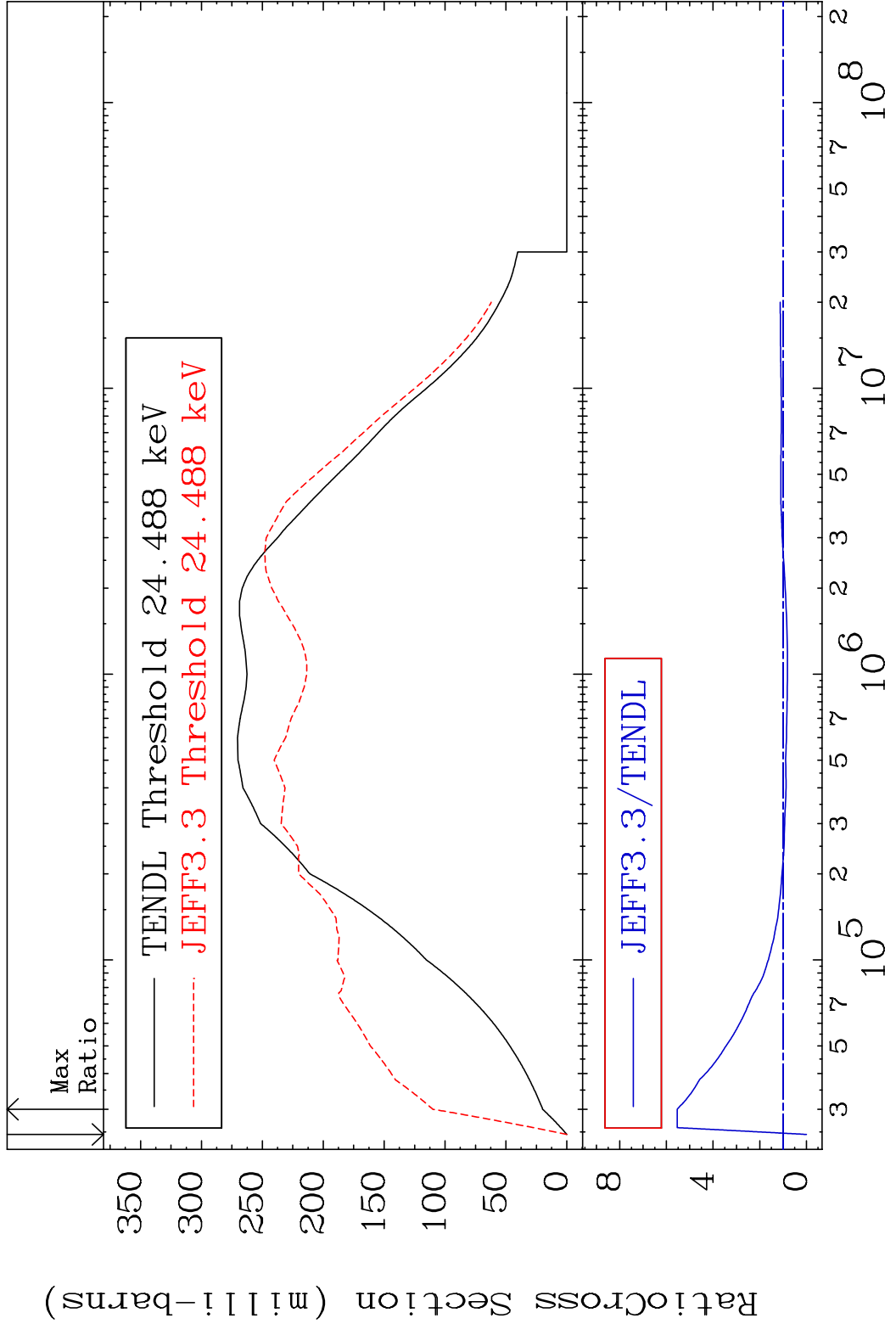


MAT 9025 MT= 51 (n, n') Level 90-Th-227
 Cross Section 117.3 To 9999. %

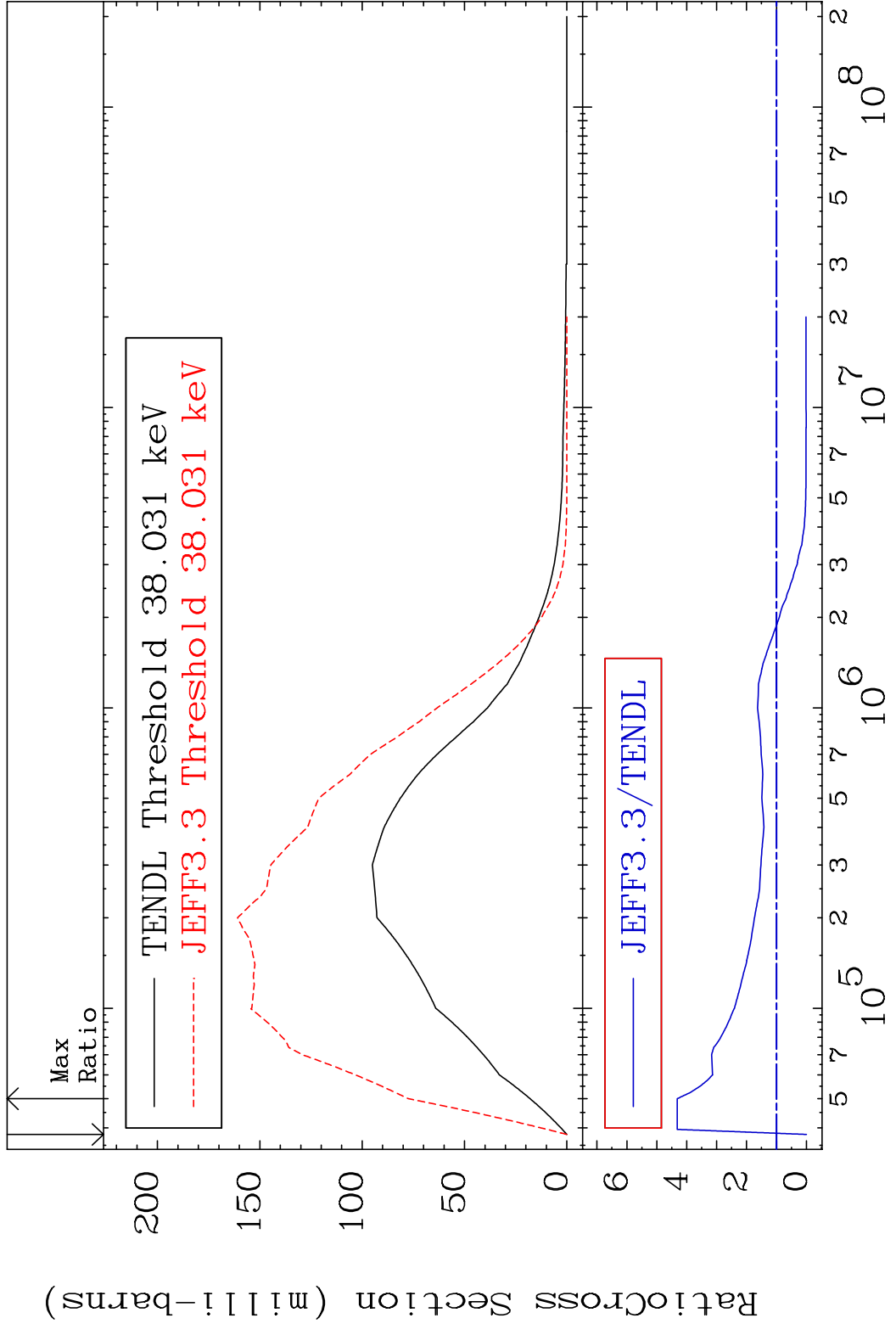


12 Incident Energy (eV) 90-Th-227

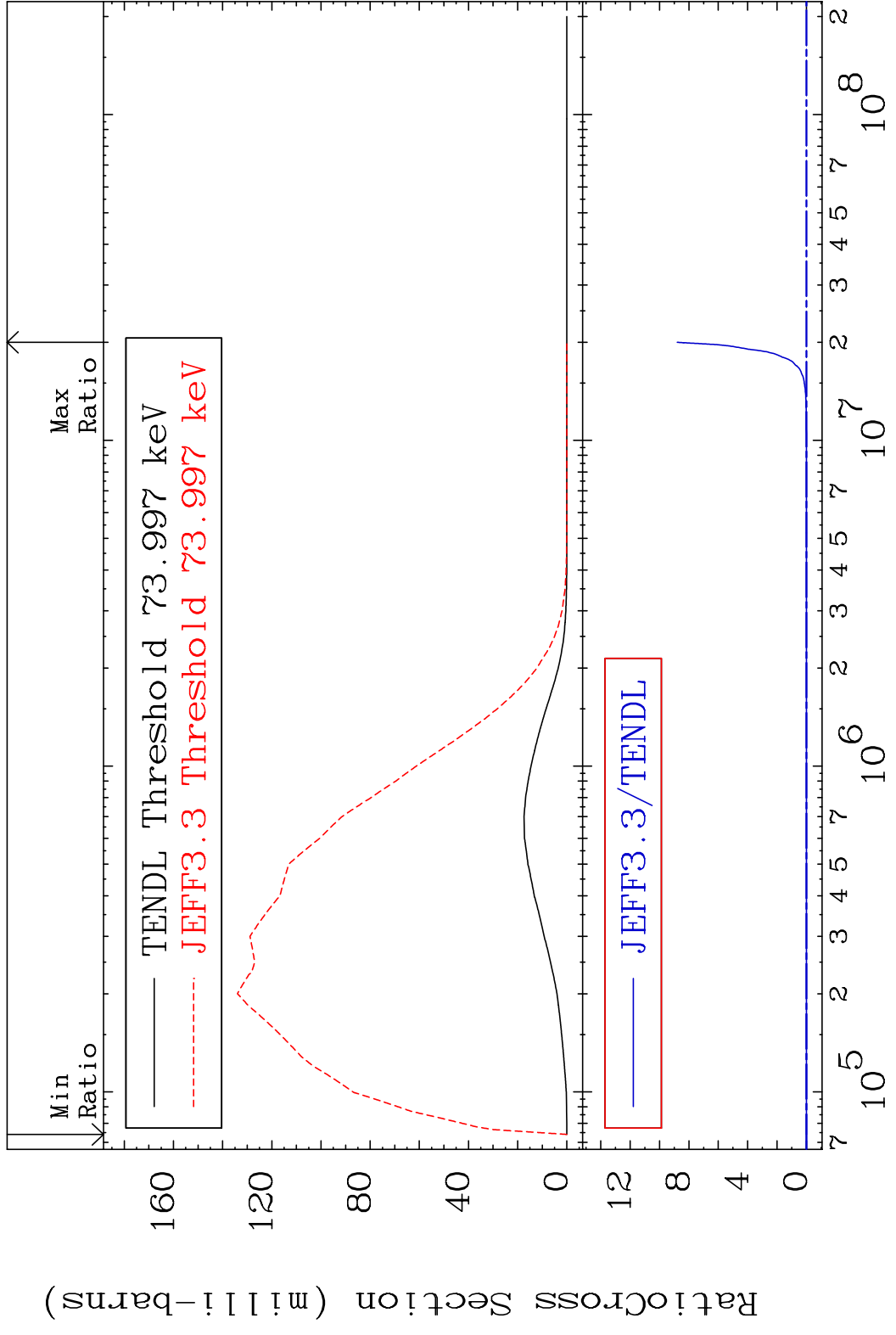
MAT 9025 MT= 52 (n, n') Level 90-Th-227
 Cross Section -100.0 To 453.9 %



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

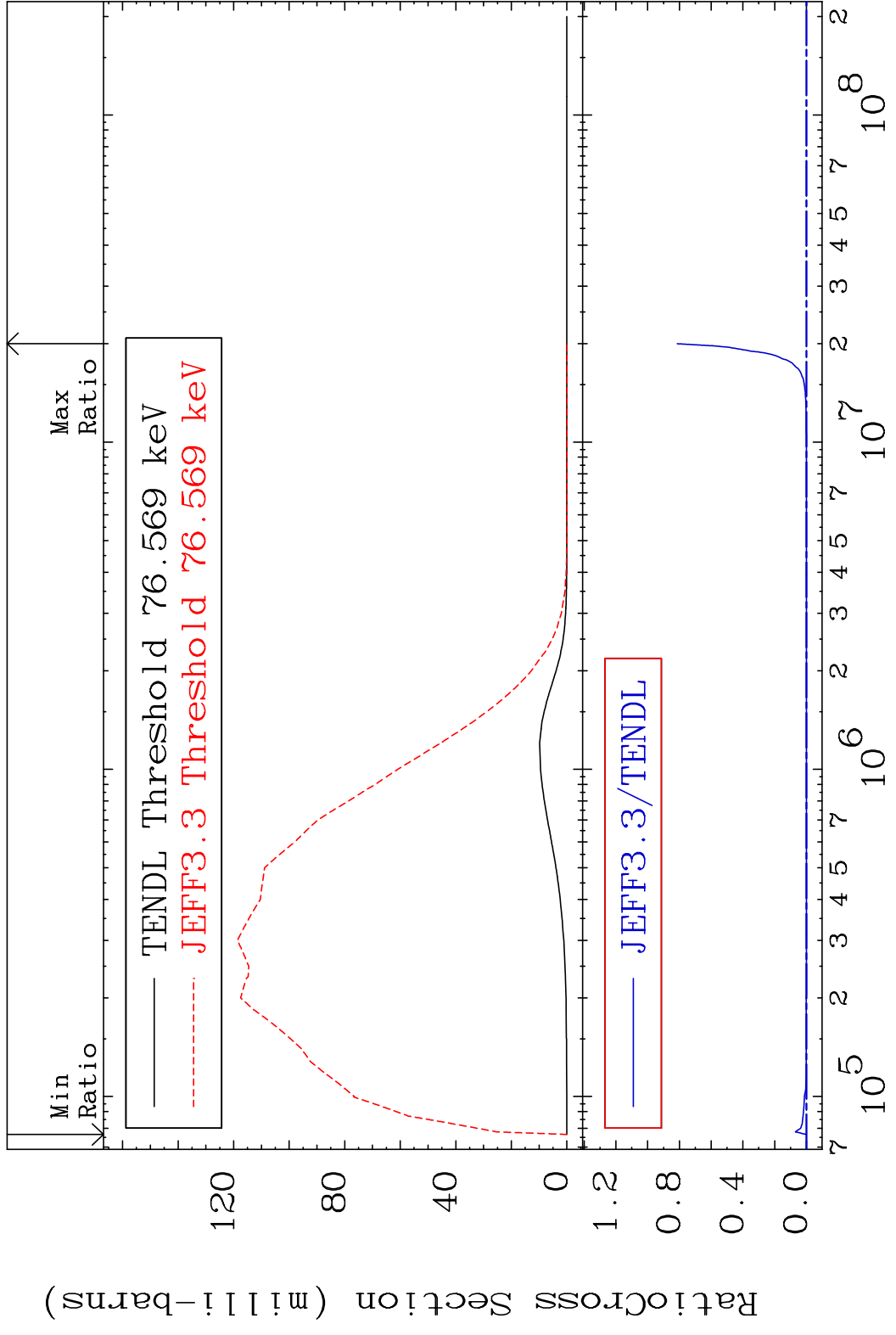


MAT 9025 MT= 54 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %

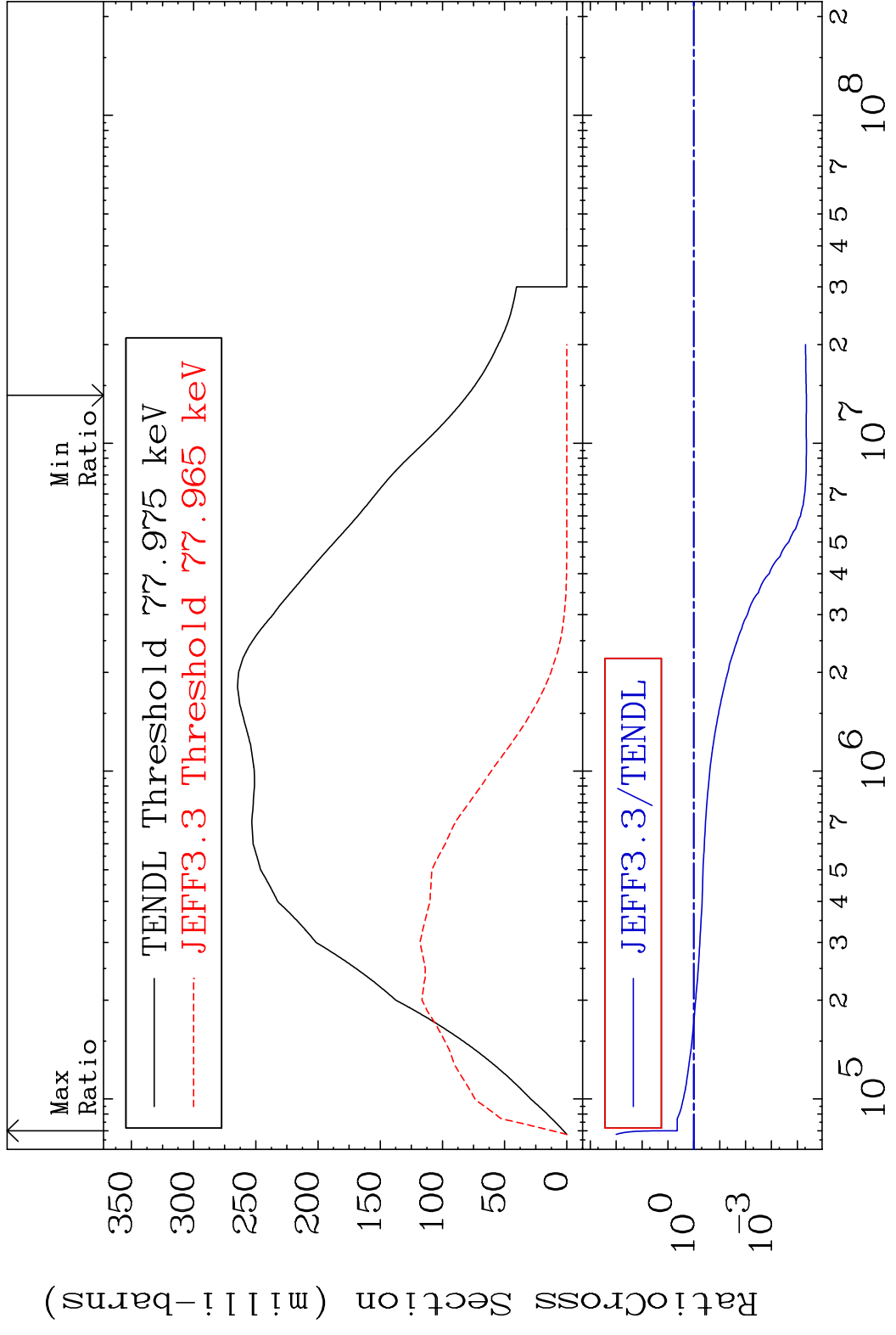


15 90-Th-227

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

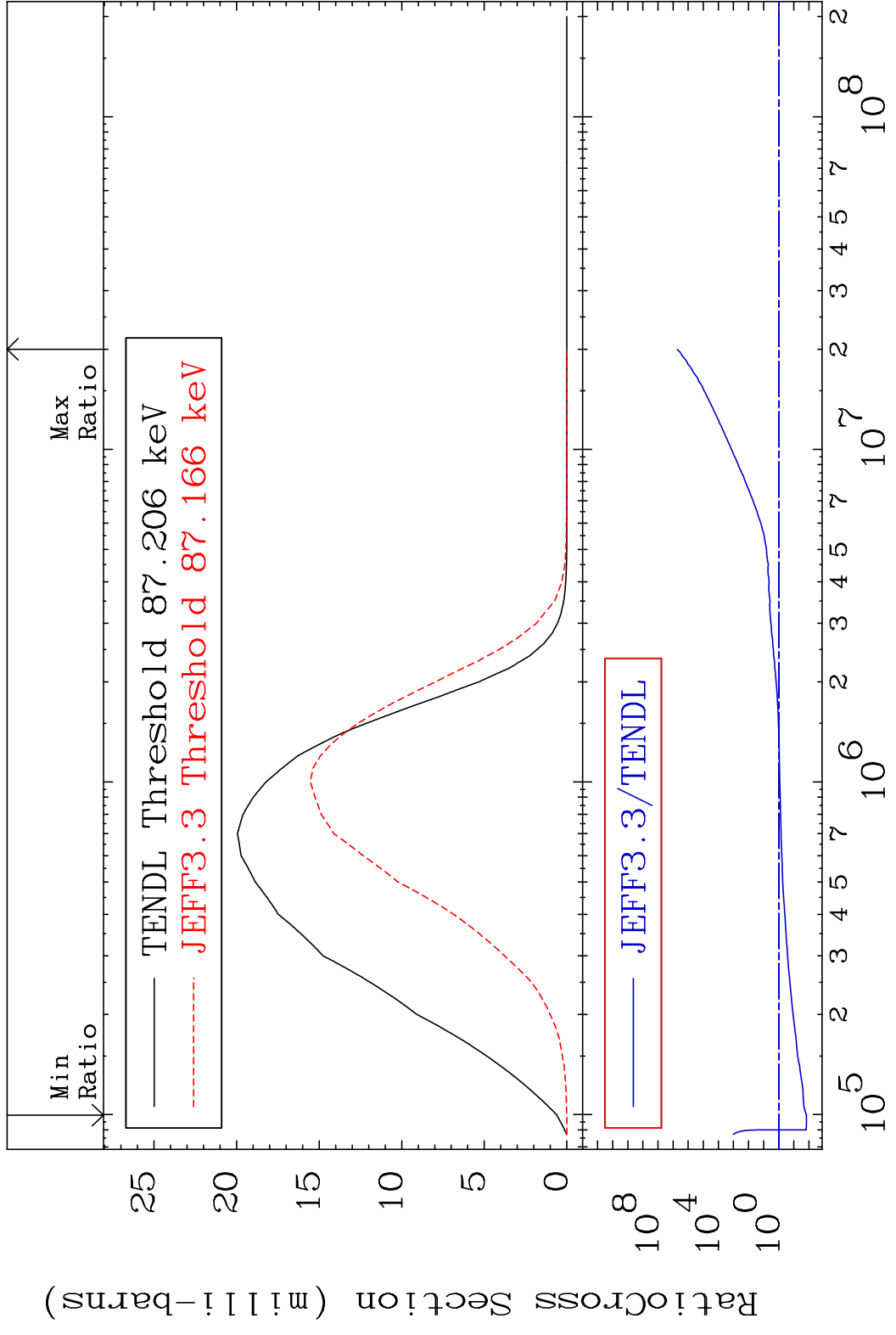


MAT 9025 MT= 56 (n, n') Level 90-Th-227
 Cross Section -100.0 To 338.6 %

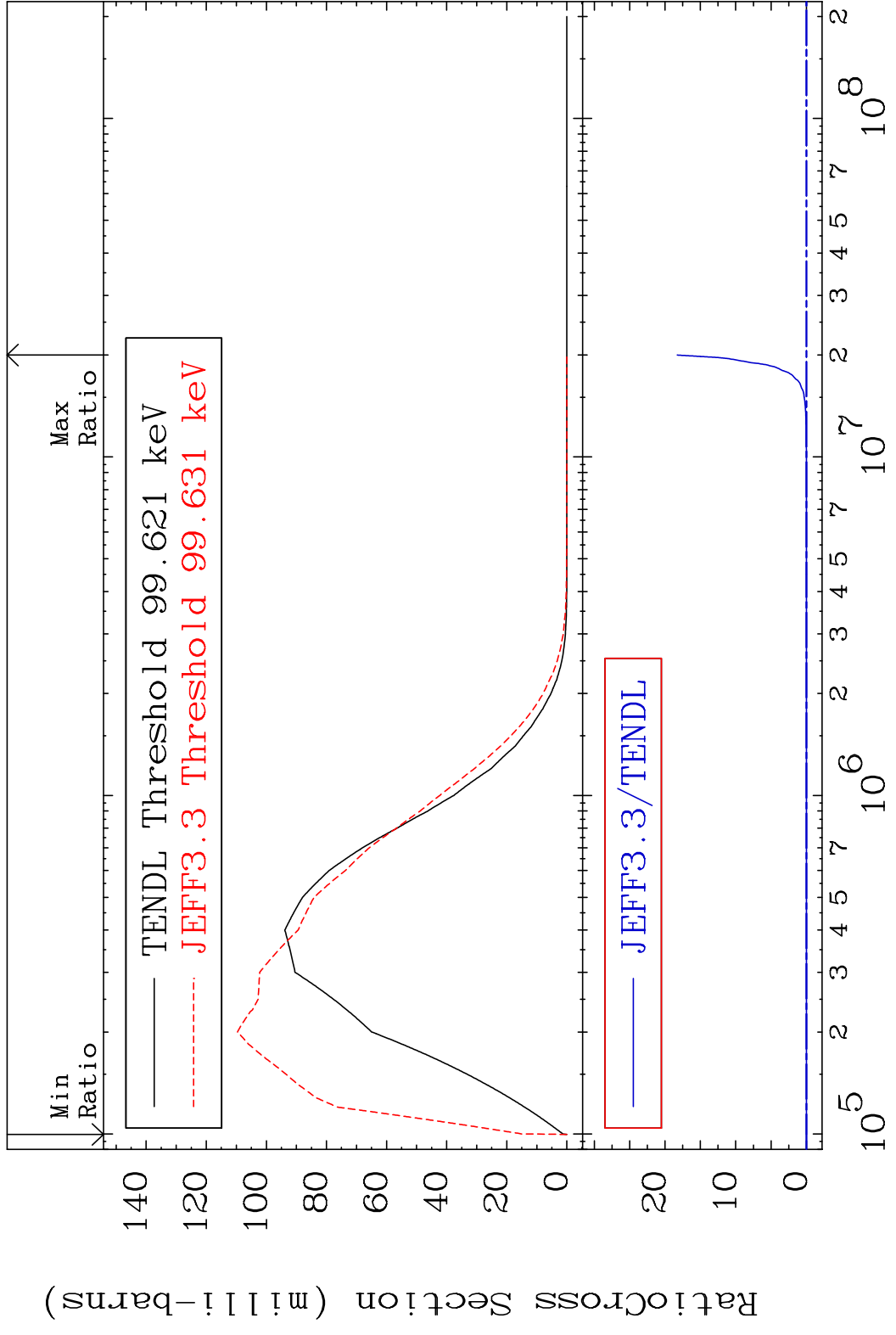


17 Incident Energy (eV) 90-Th-227

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

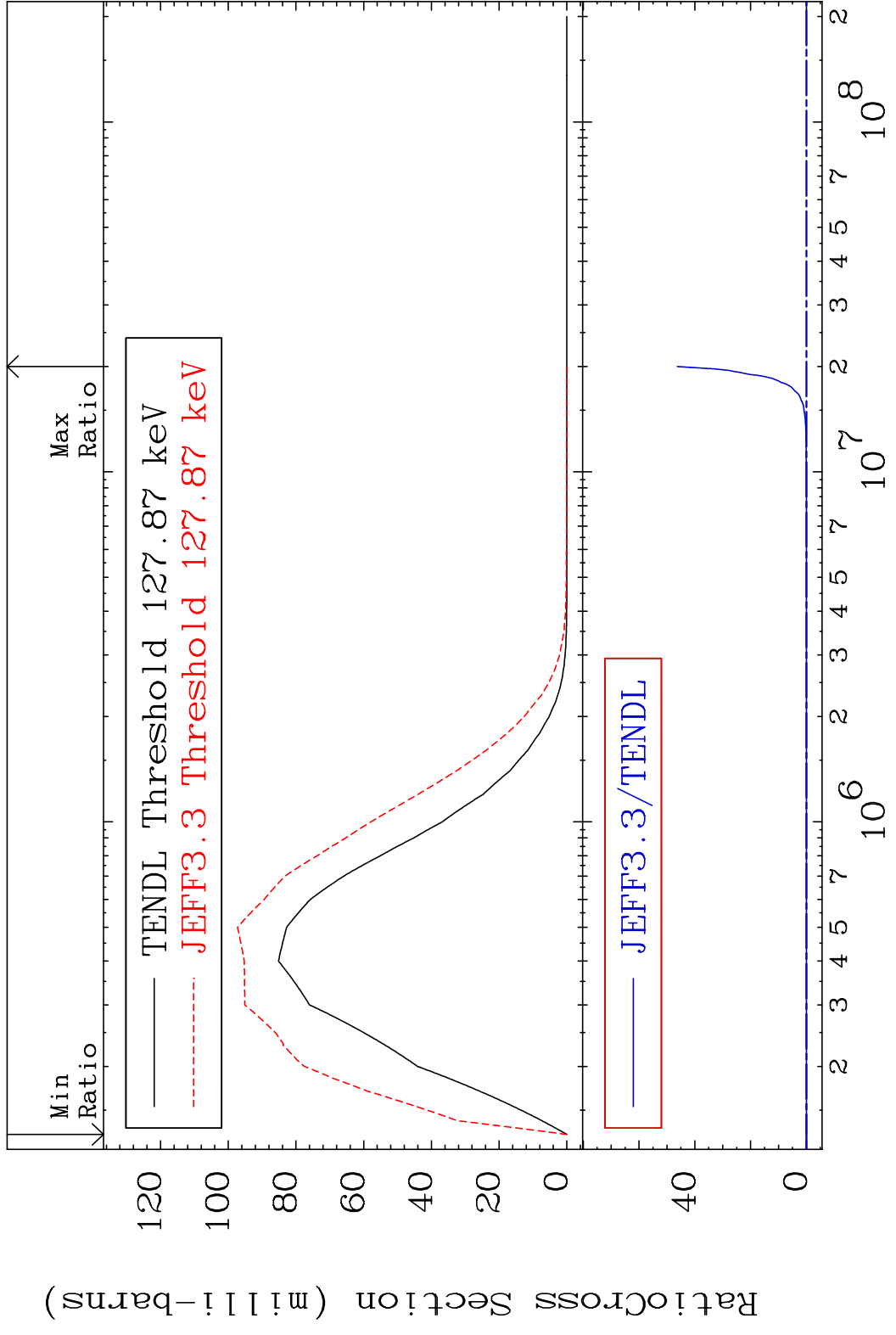


MAT 9025 MT= 58 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %

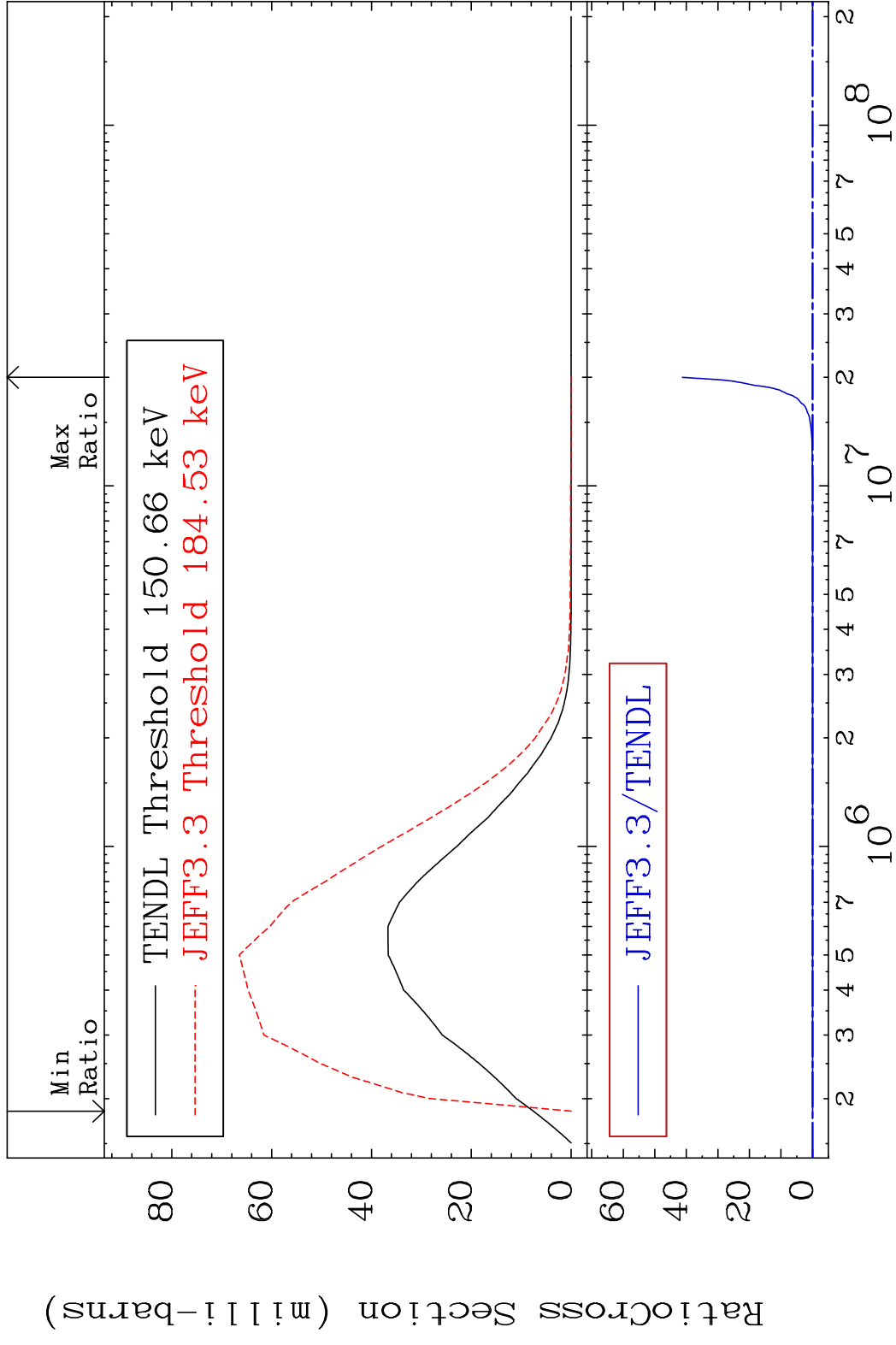


19 90-Th-227

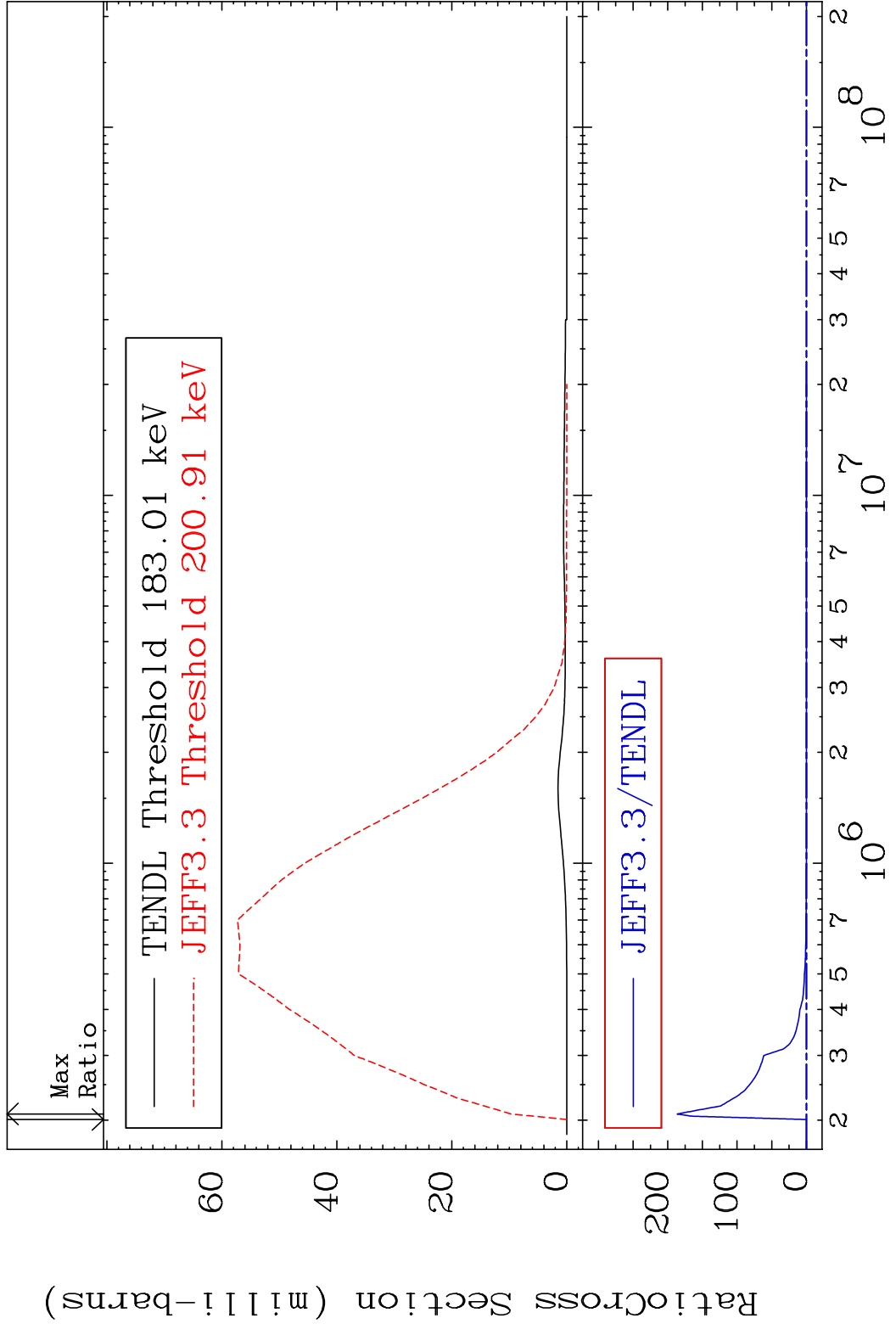
MAT 9025 MT= 59 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



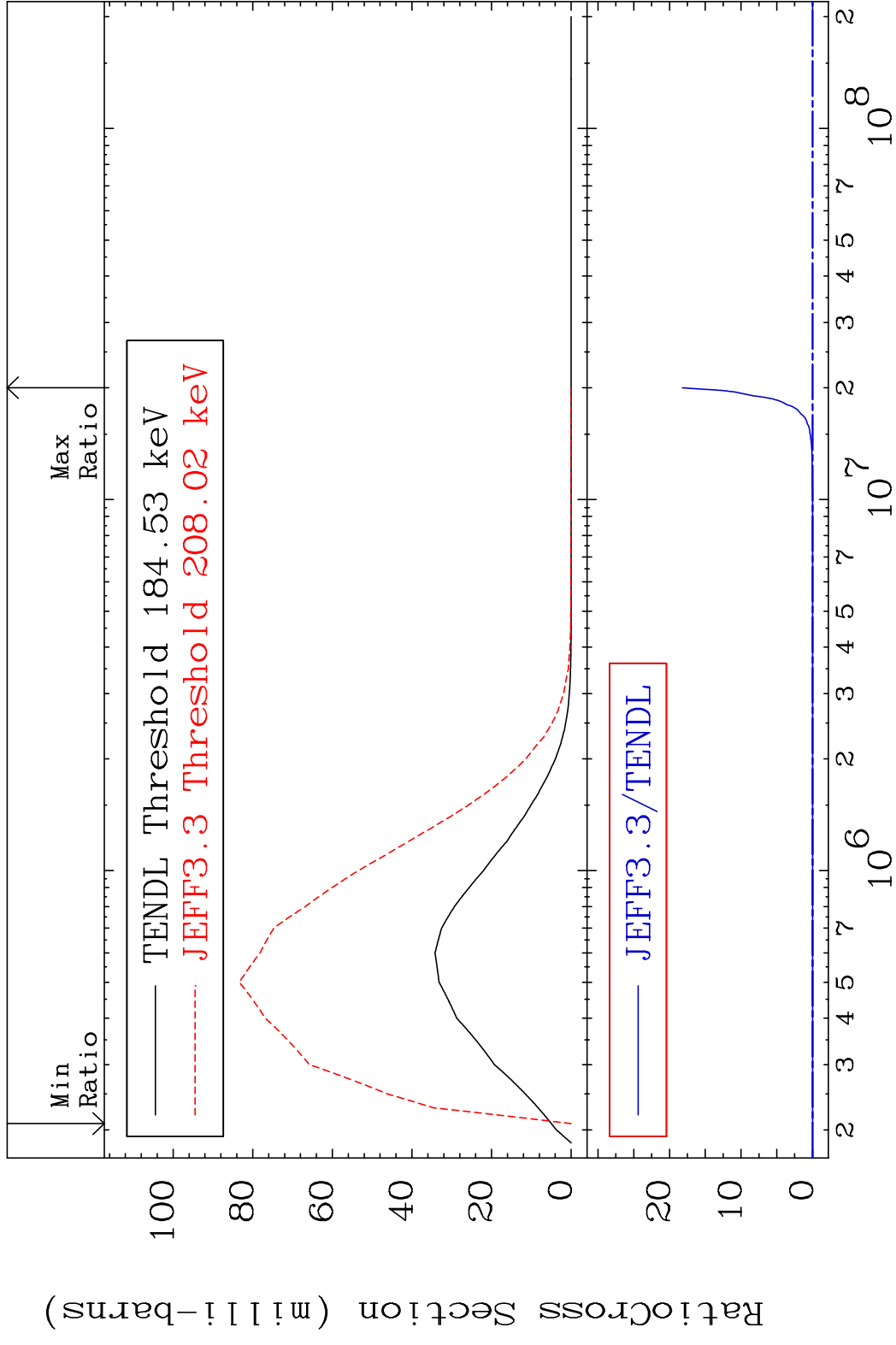
MAT 9025 MT= 60 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



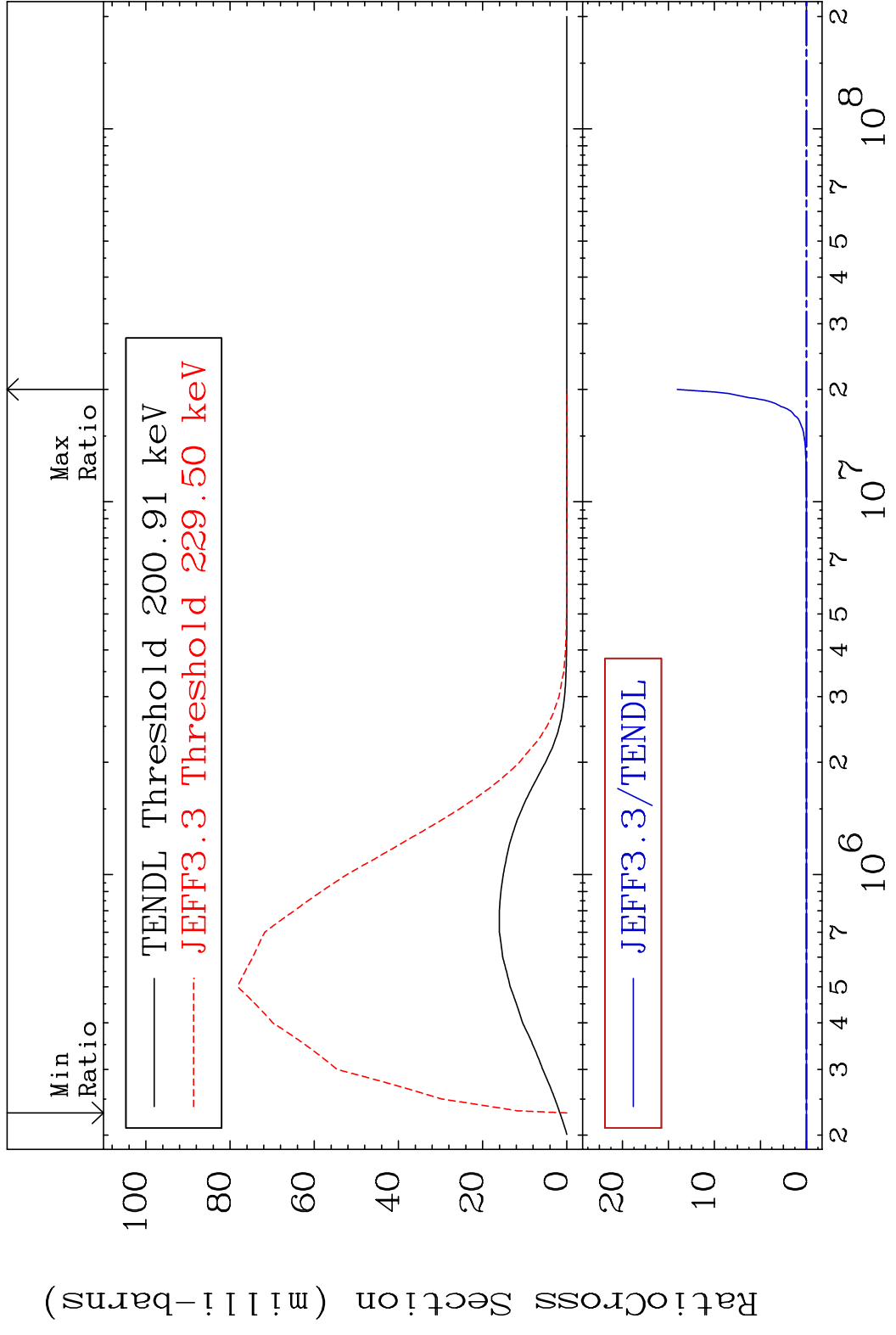
MAT 9025 MT= 61 (n,n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



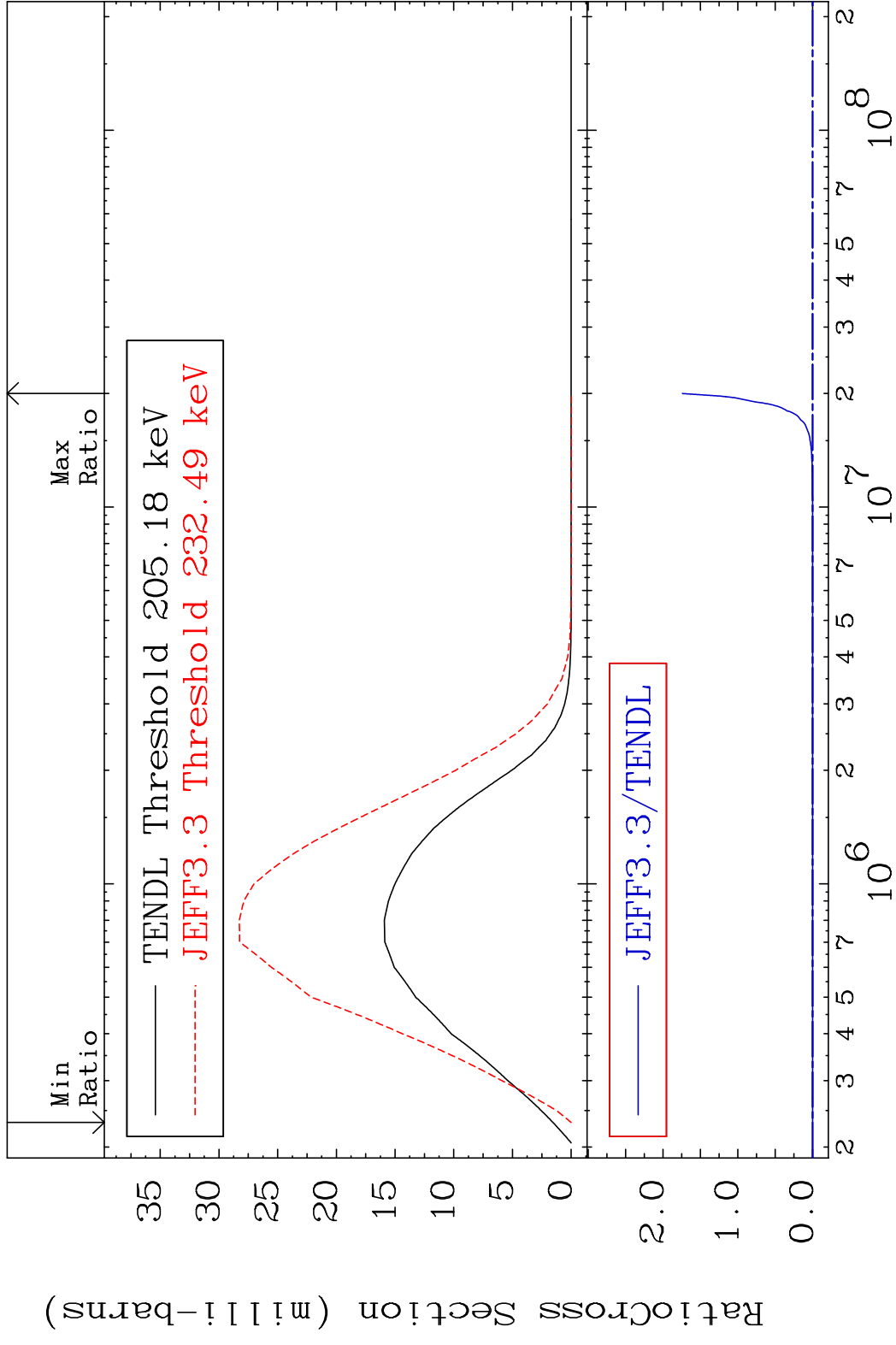
MAT 9025 MT= 62 (n, n') Level 90-Th-227
 Cross Section -100.0 To 9999. %



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



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

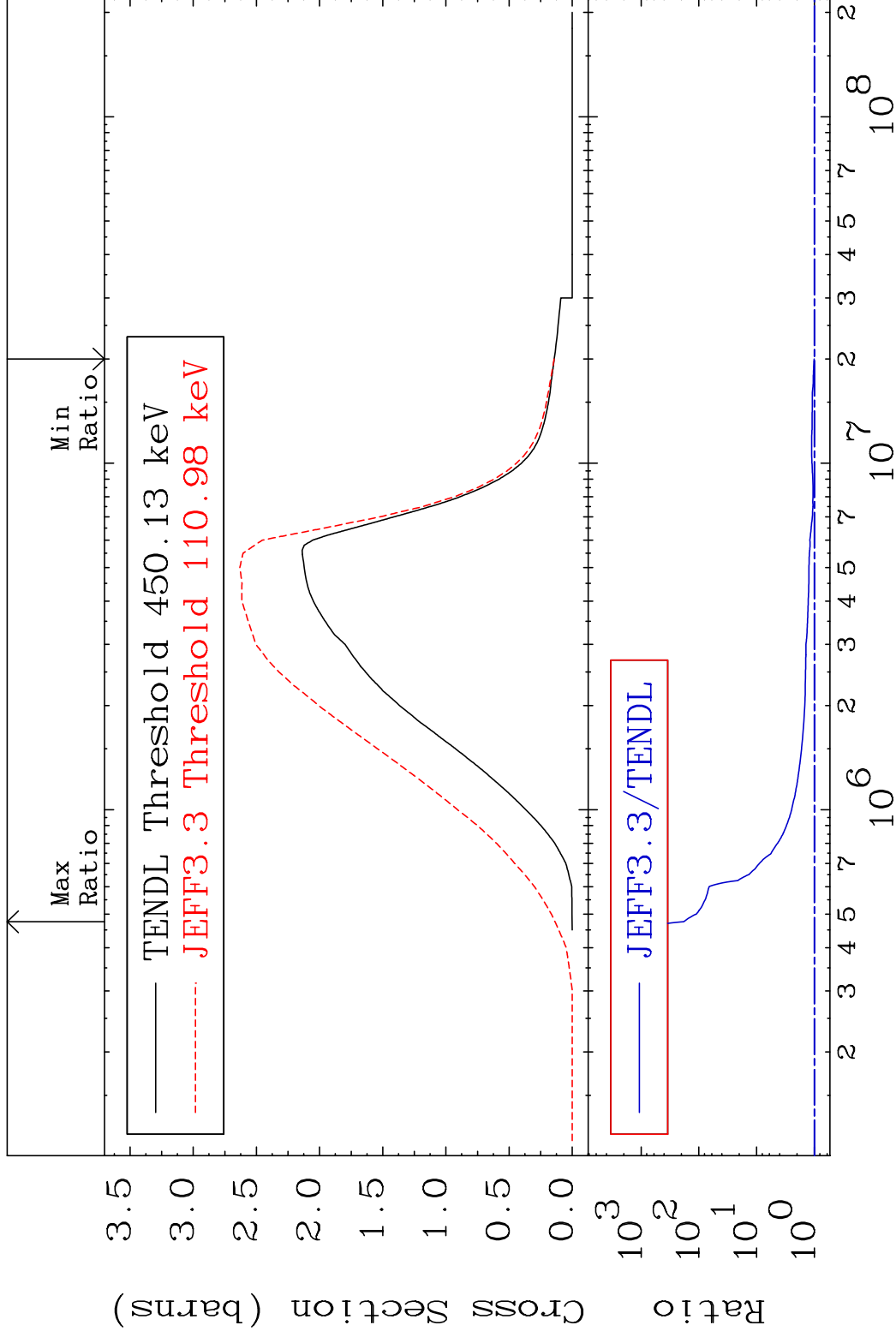


MAT 9025

(n, n') Continuum

90-Th-227

Cross Section 0.861 To 9999. %

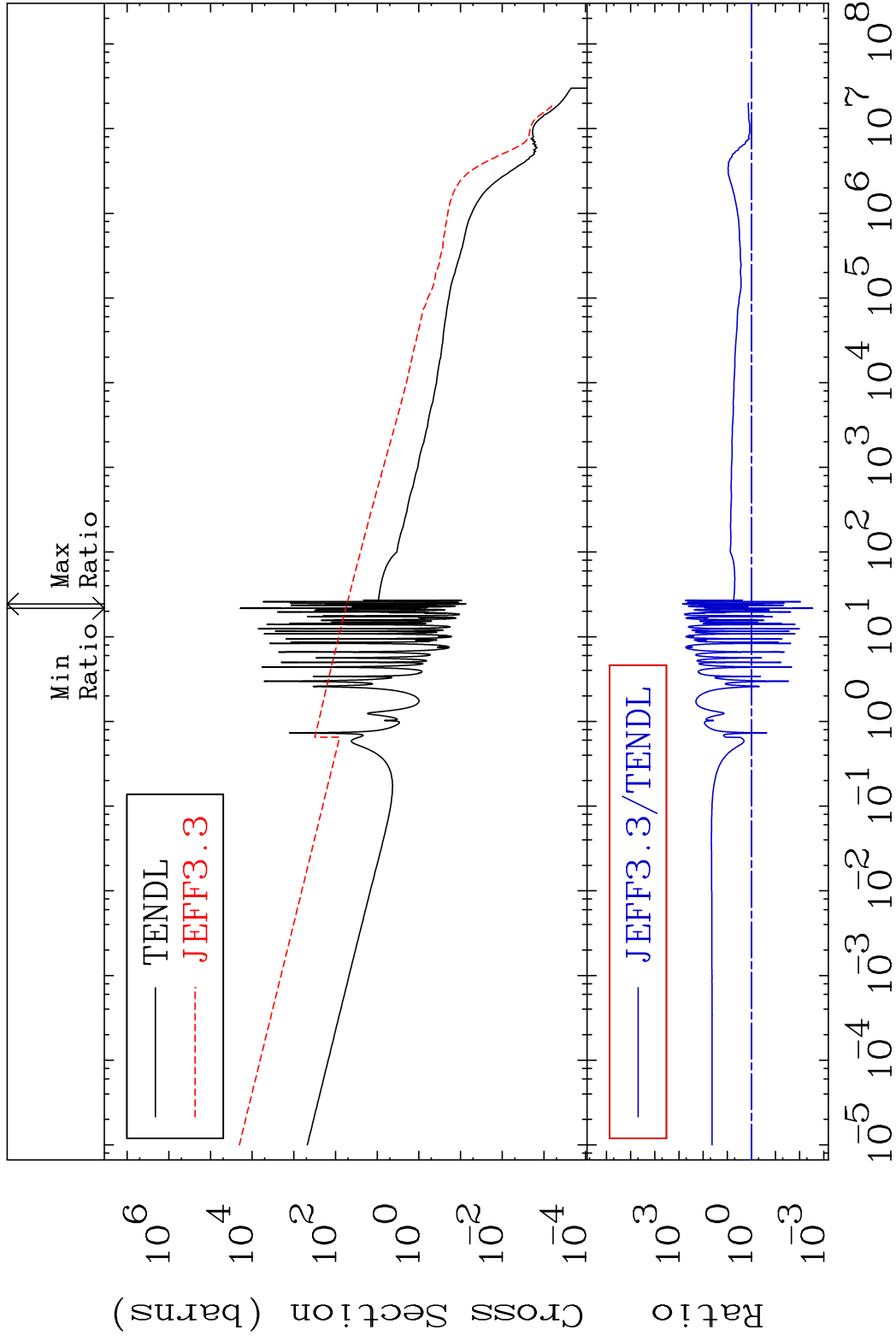


MAT 9025

(n, γ)

90-Th-227

Cross Section -99.71 To 9999. %

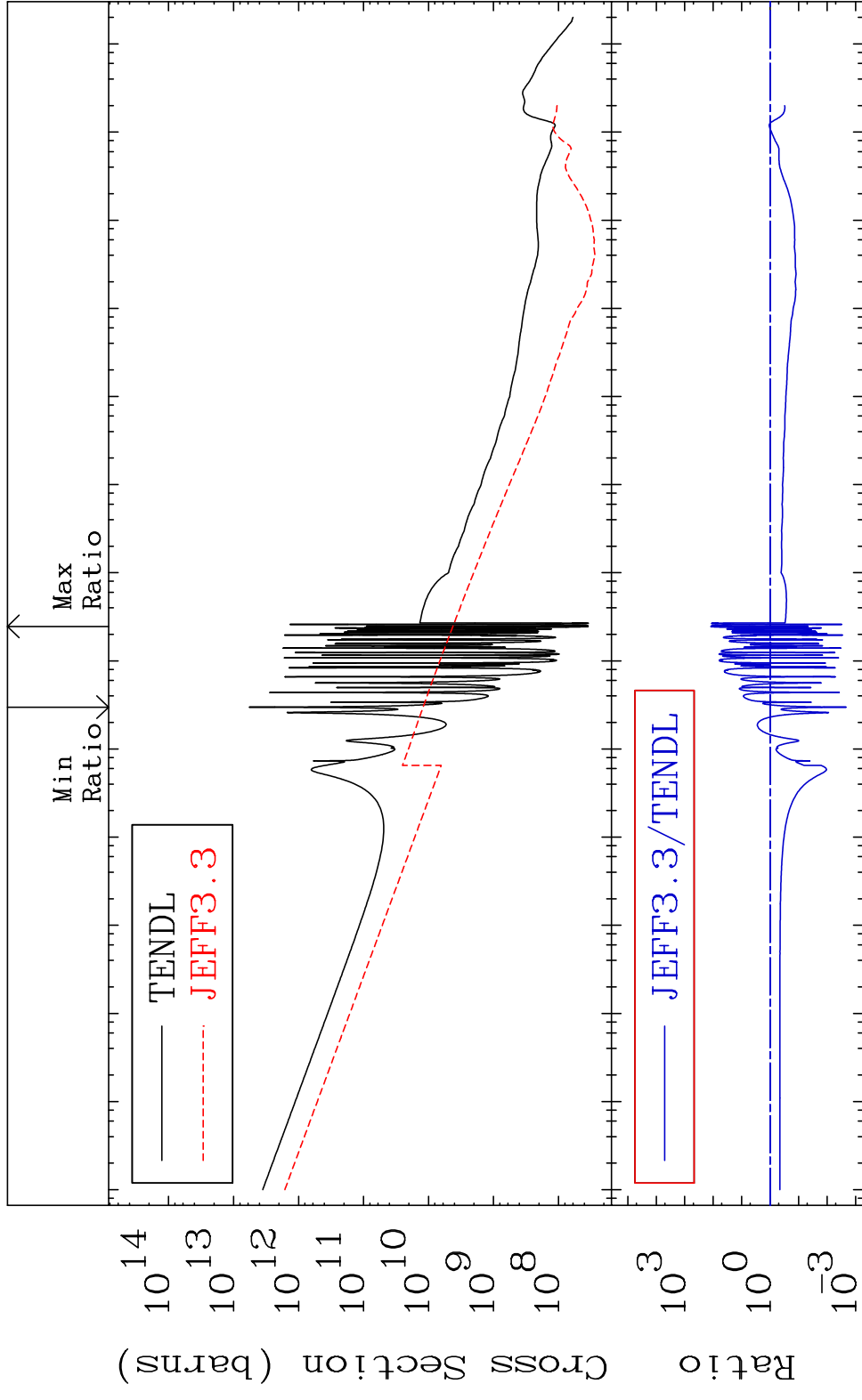


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Incident Energy (eV)

90-Th-227

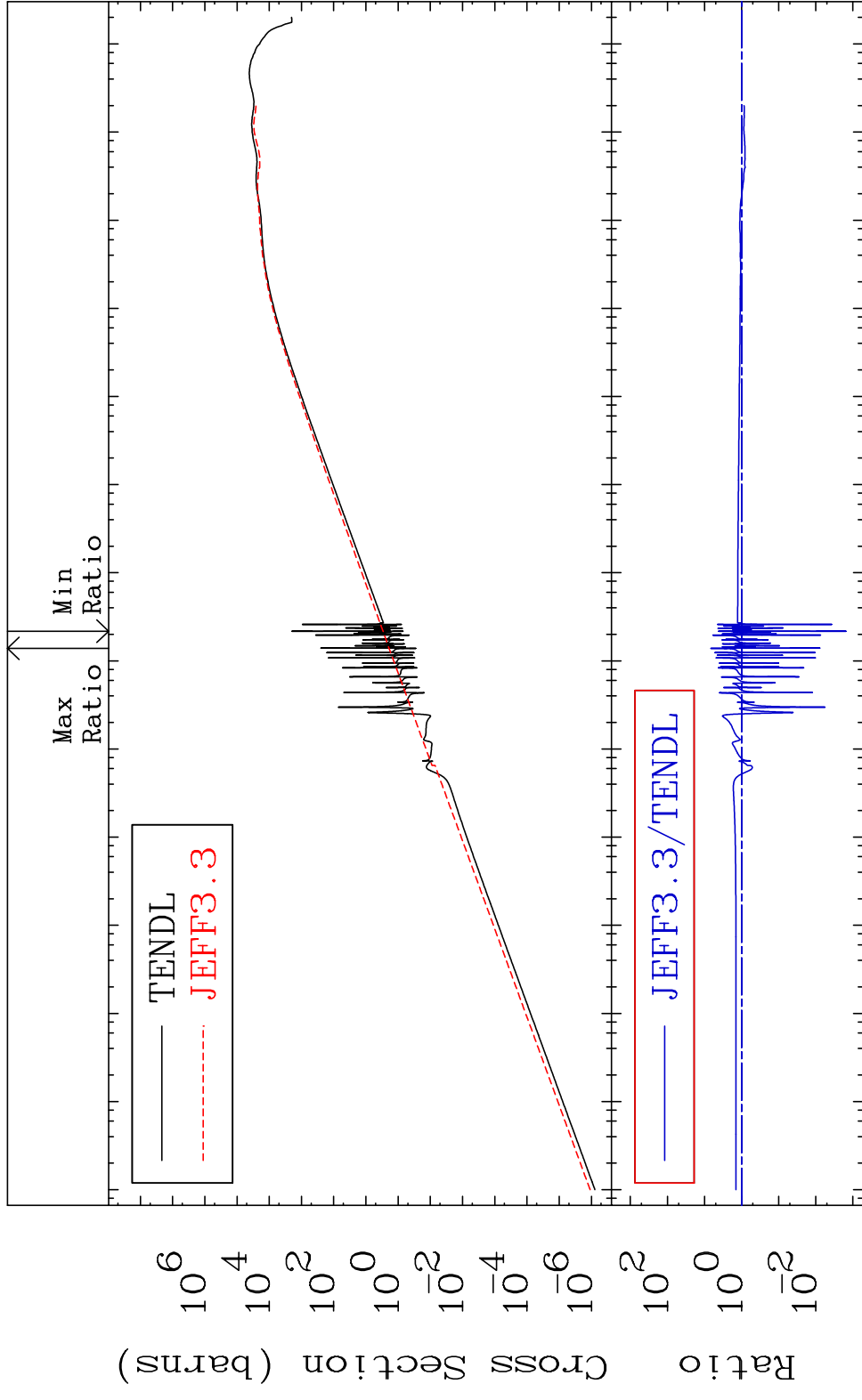
MAT 9025 Kerma total (eV-barns) 90-Th-227
 Cross Section -99.79 To 9999. %



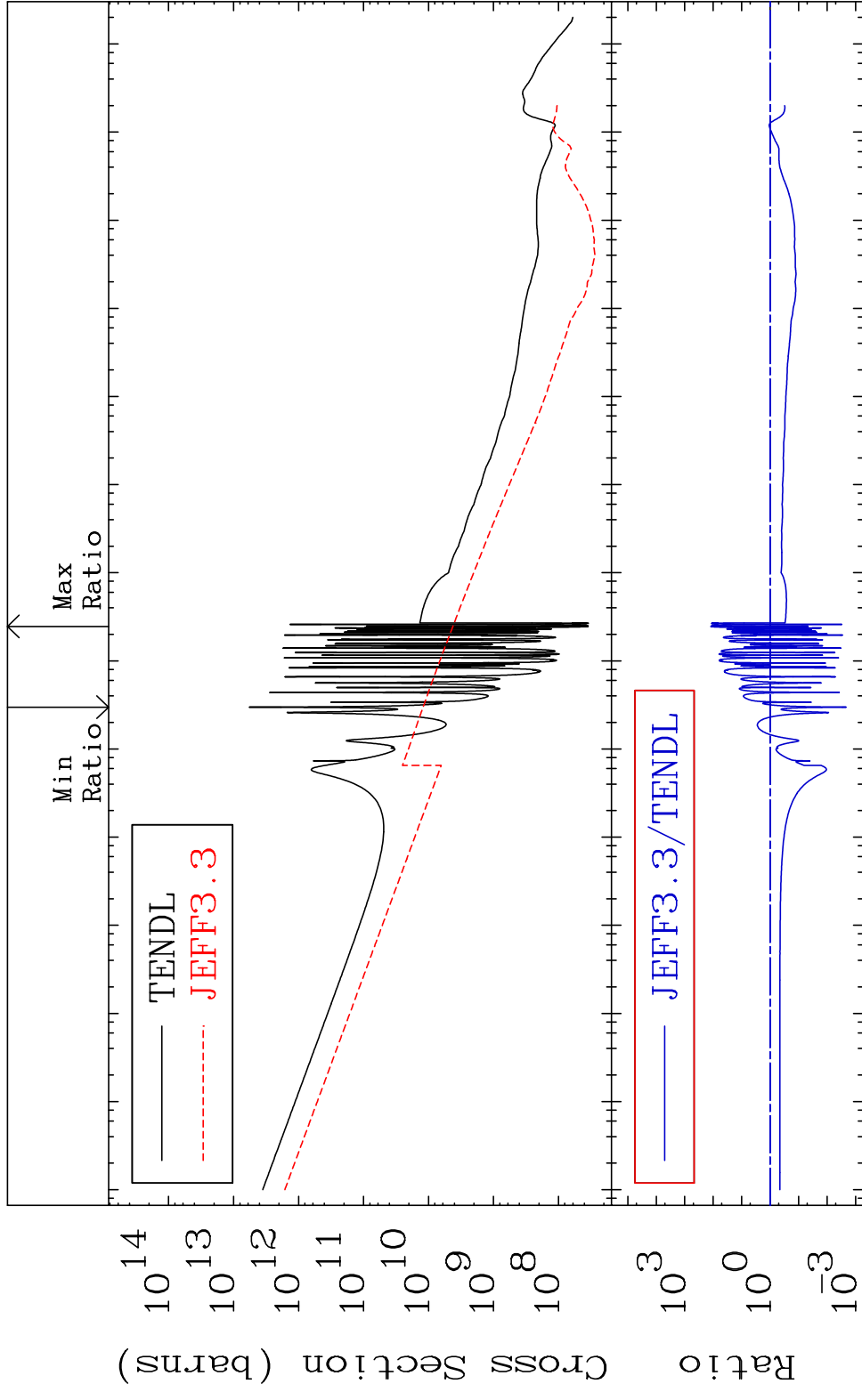
MAT 9025

Kerma elastic
Cross Section -99.85 To 580.3 %

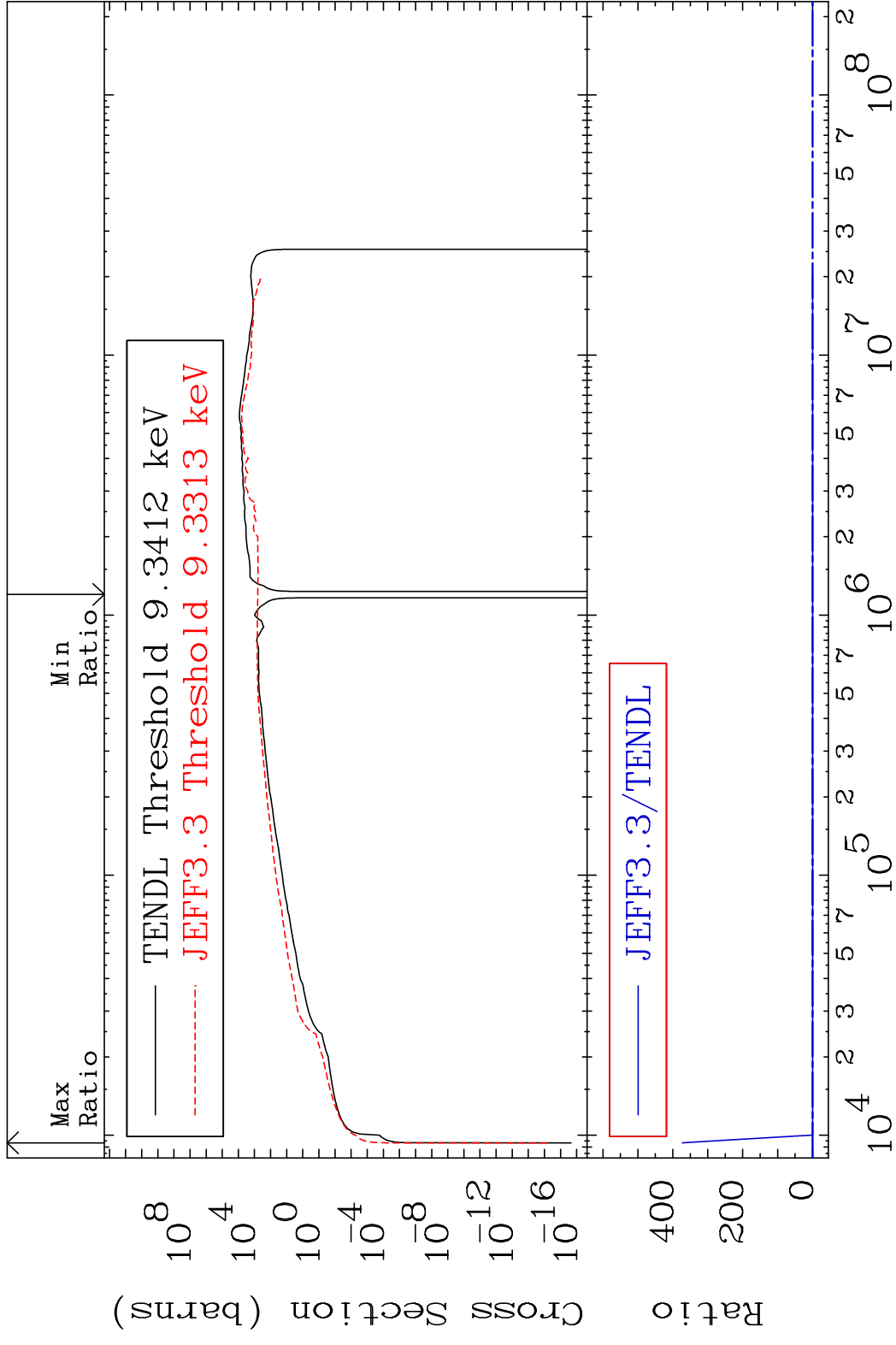
90-Th-227



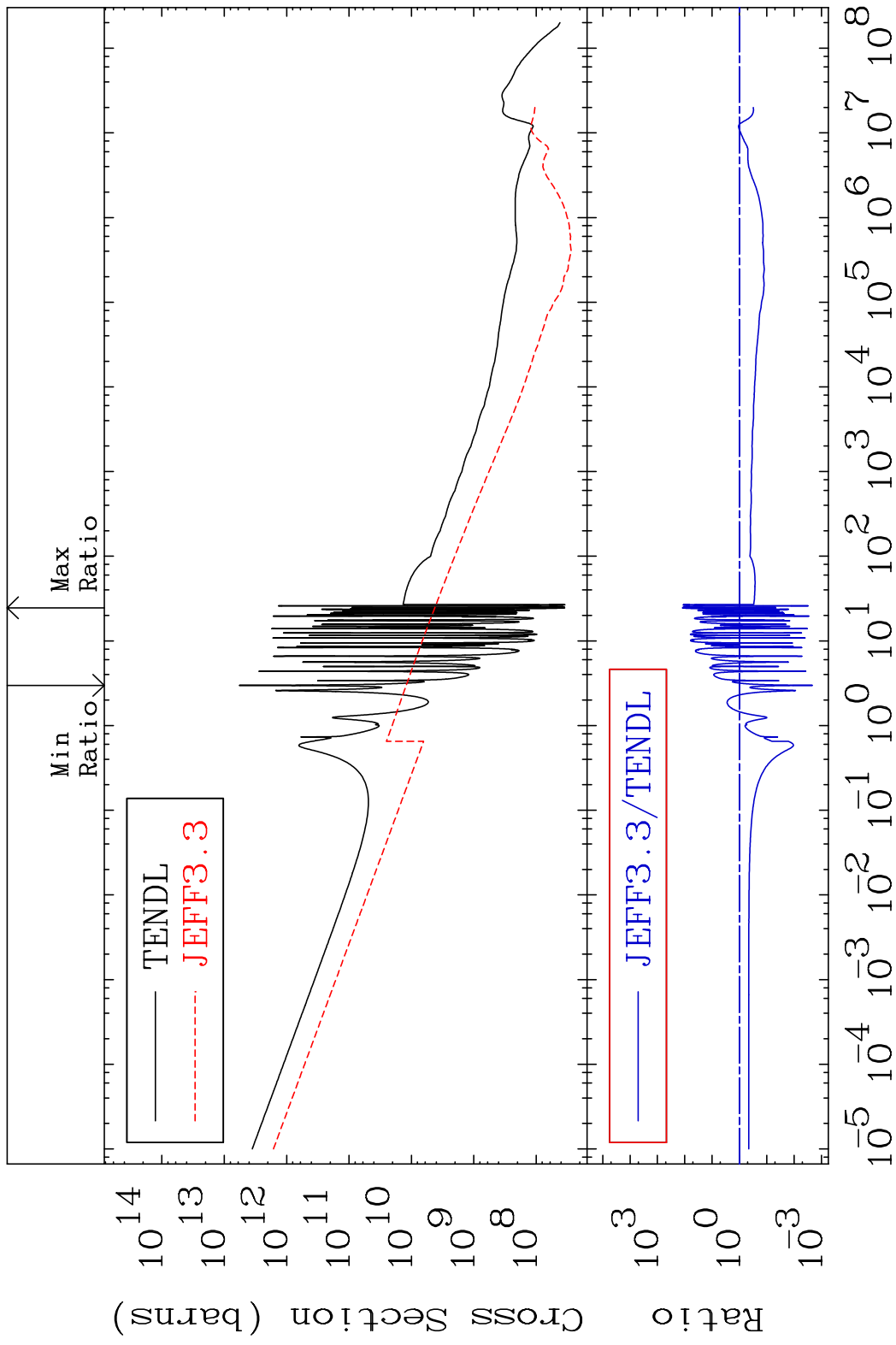
MAT 9025 Kerma non-elastic (all but mt2) 90-Th-227
 Cross Section -99.79 To 9999. %



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

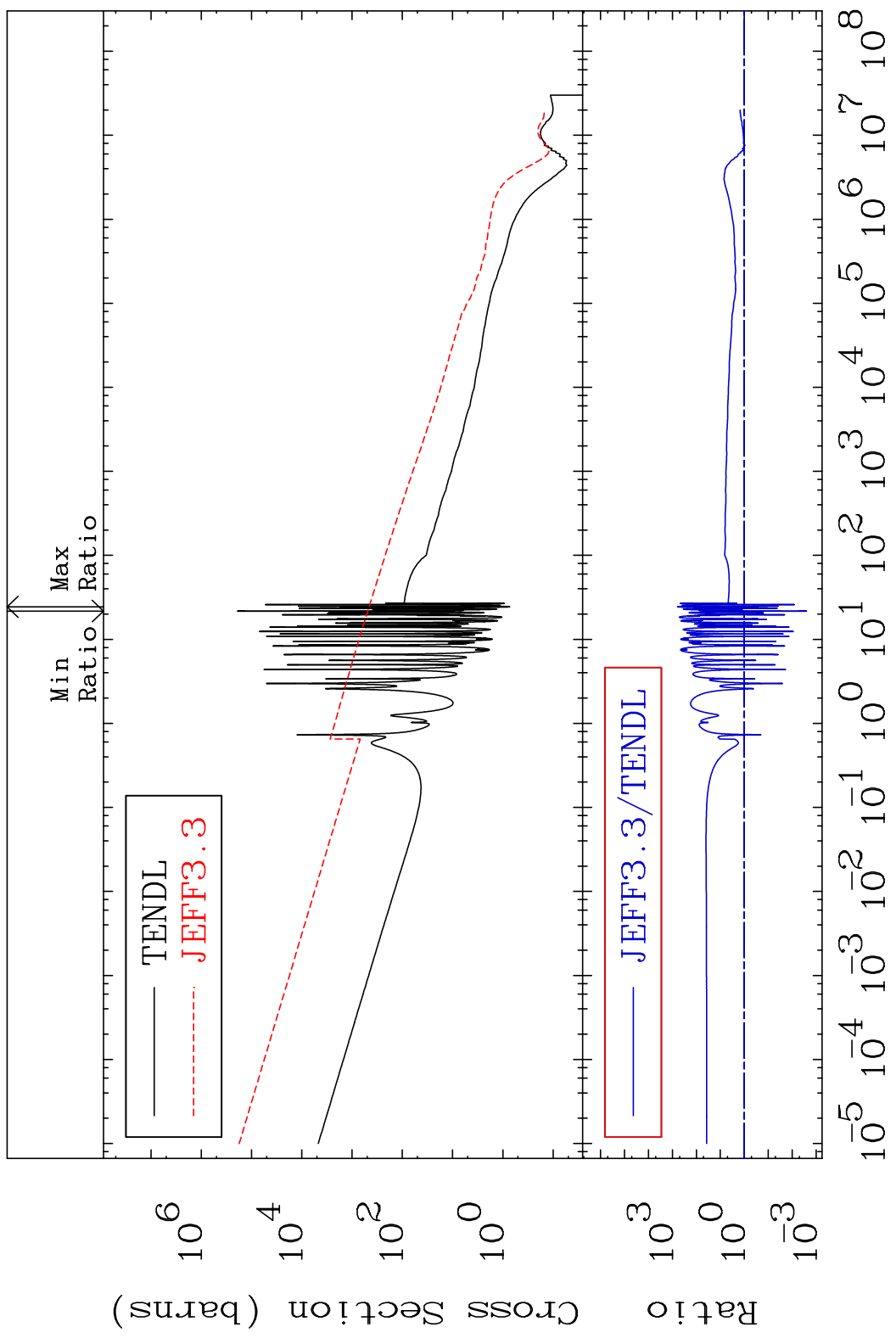


MAT 9025 Kerma fission (mt18 or mt19-20-21-38) 90-Th-227
 Cross Section -99.79 To 9999. %

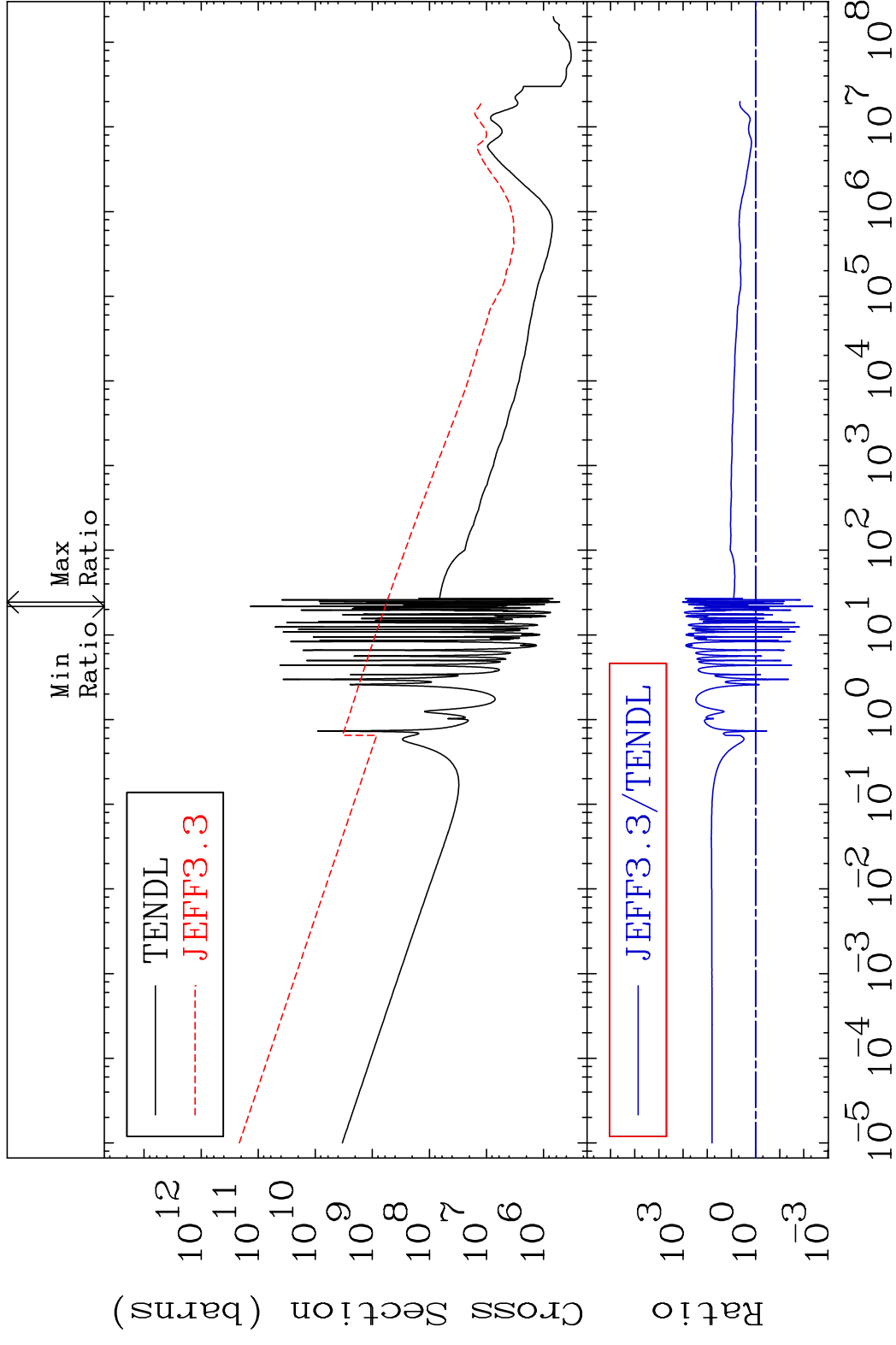


MAT 9025

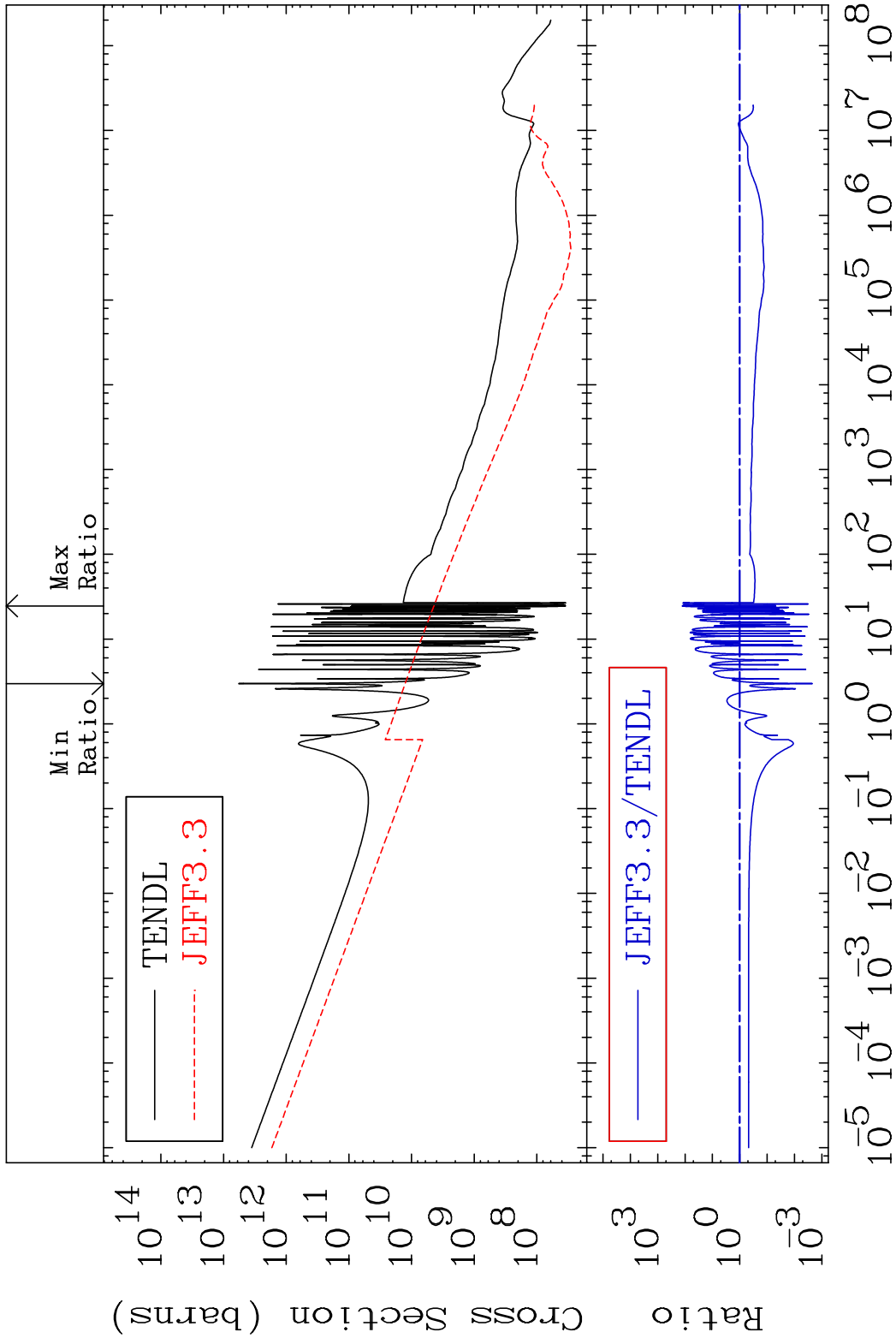
Kerma capture (mt102) 90-Th-227
Cross Section -99.74 To 9999. %



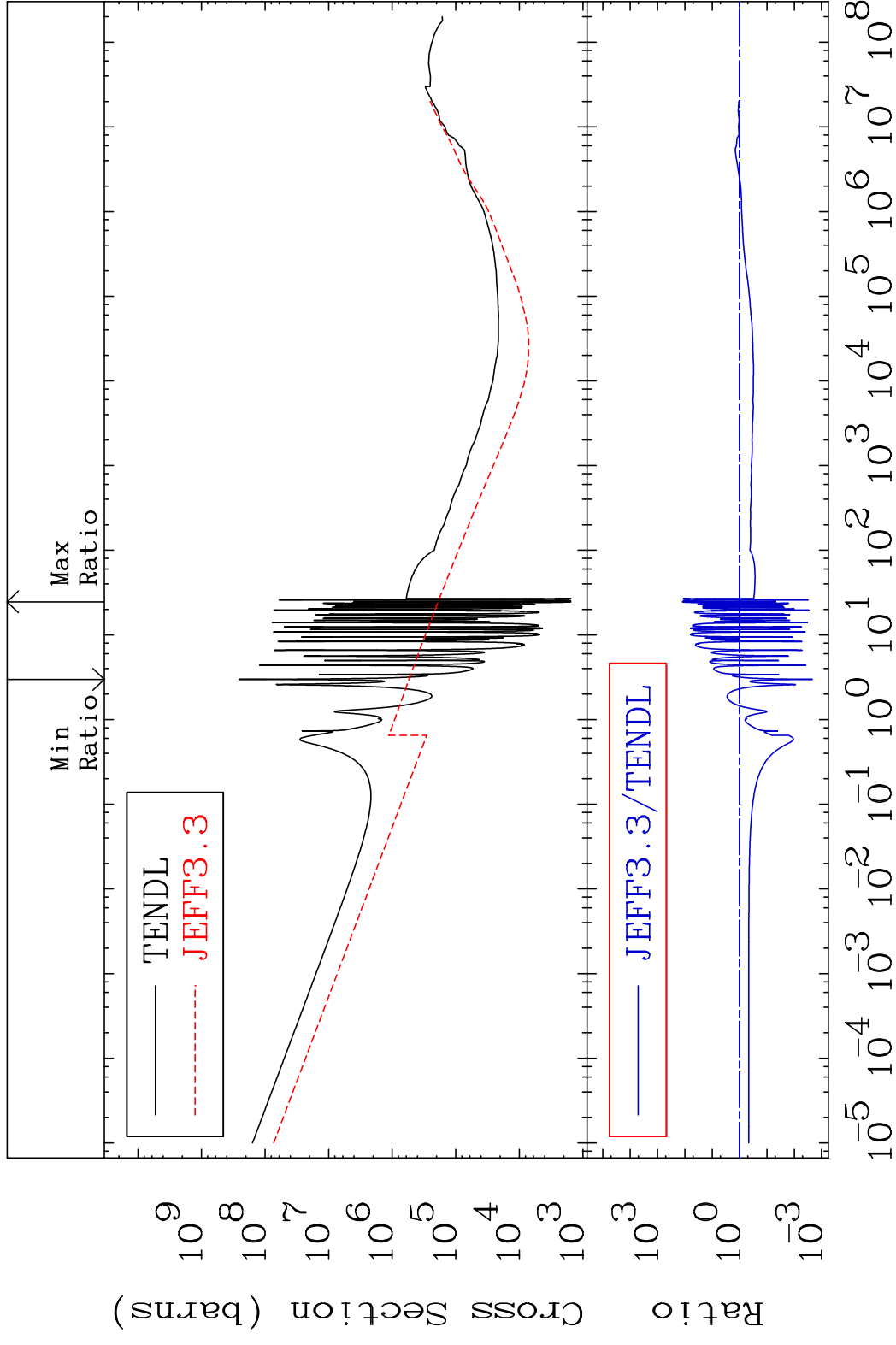
MAT 9025 Total photon (eV-barns) 90-Th-227
 Cross Section -99.57 To 9999. %



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. %



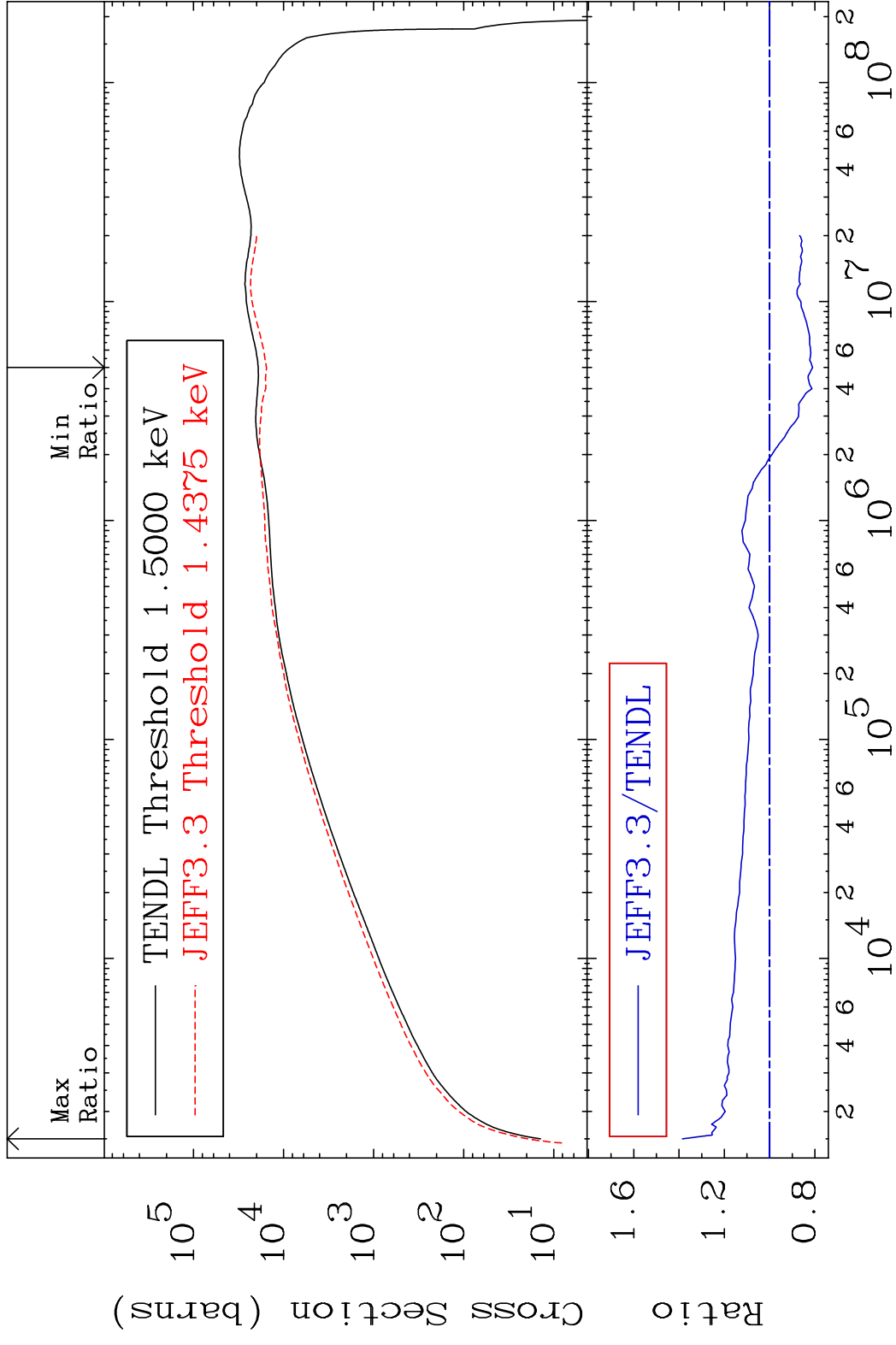
MAT 9025

Dpa elastic (mt2)

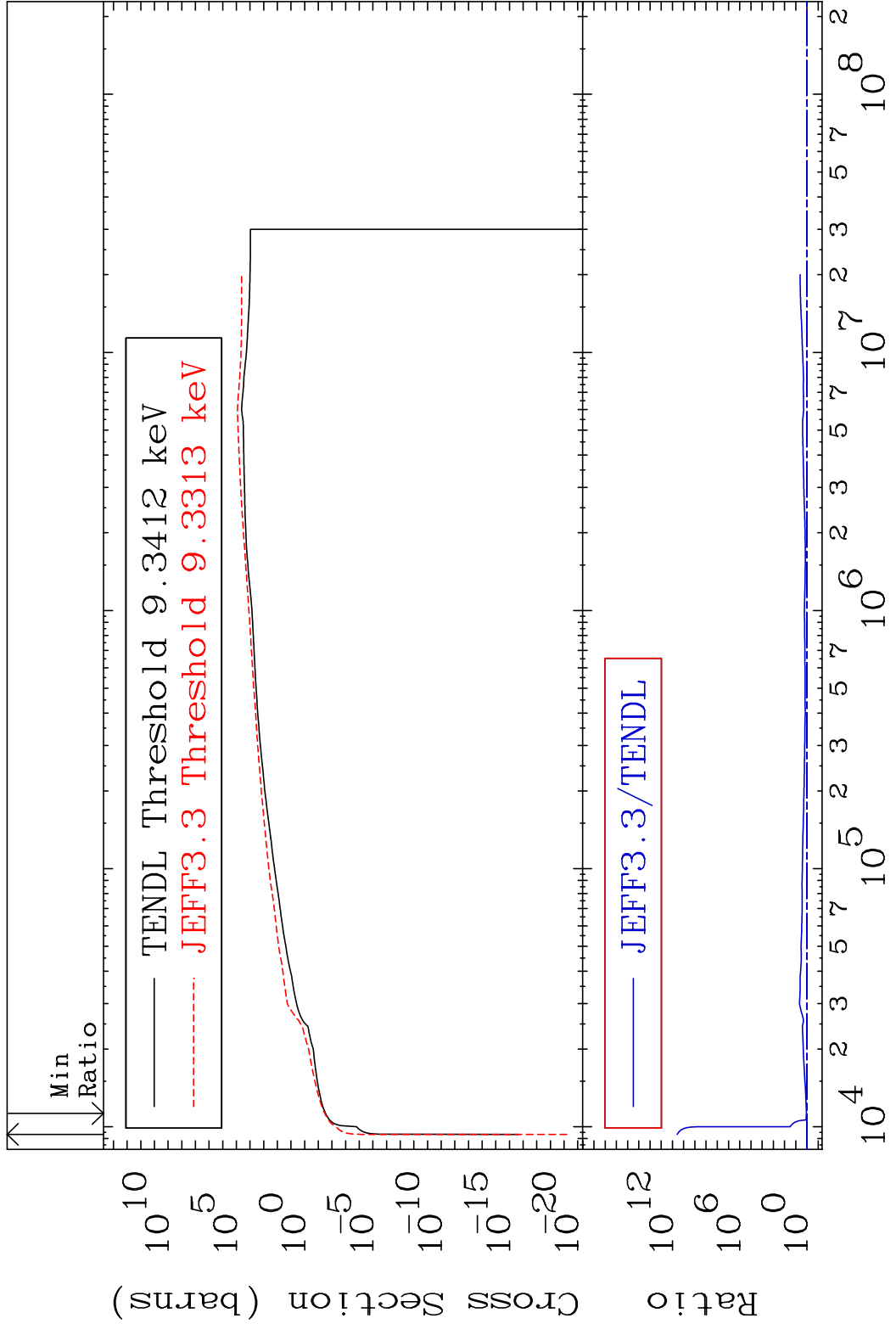
90-Th-227

Cross Section

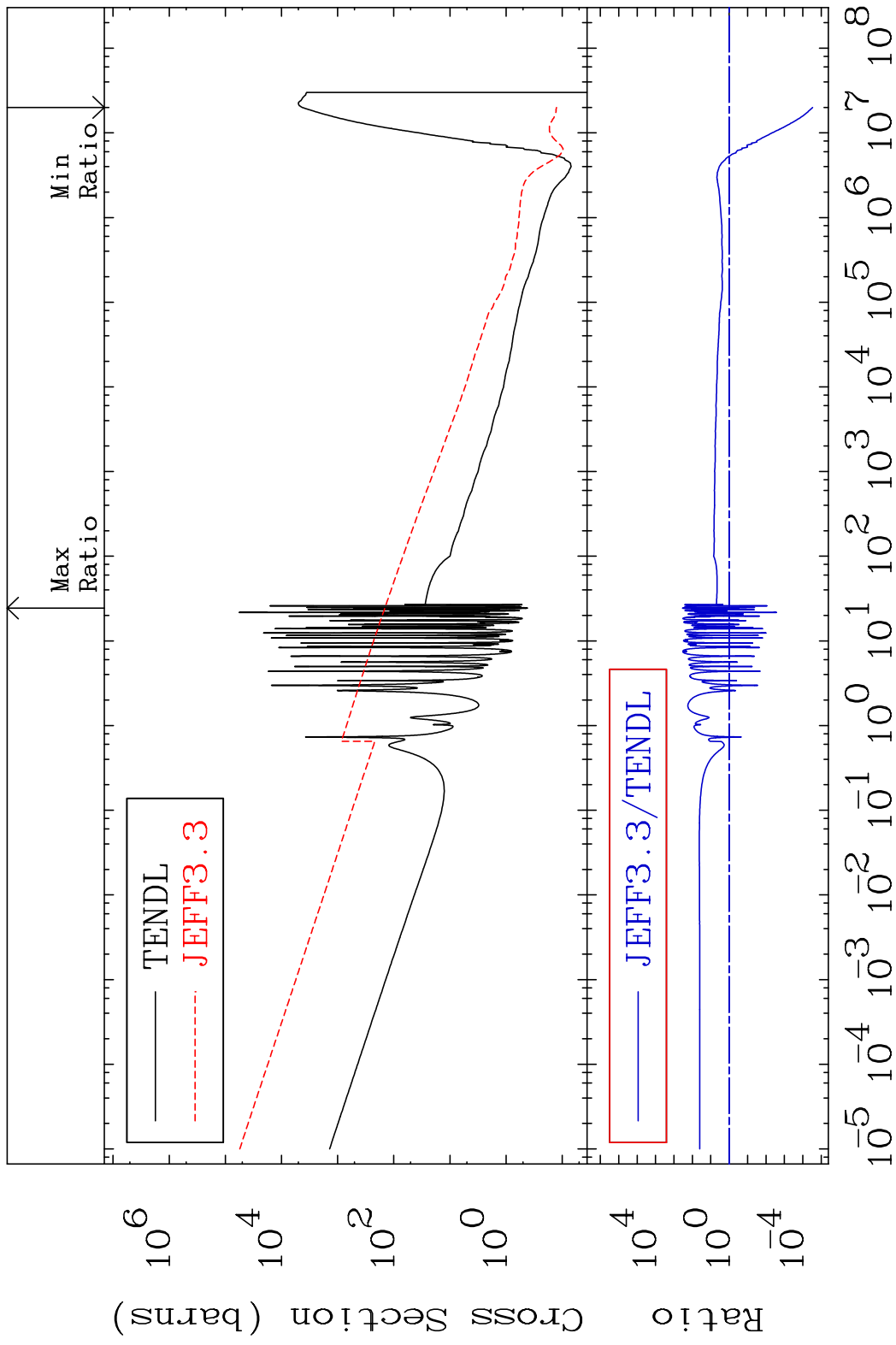
-18.97 To 38.52 %



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. %



39 Incident Energy (eV) 90-Th-227