

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

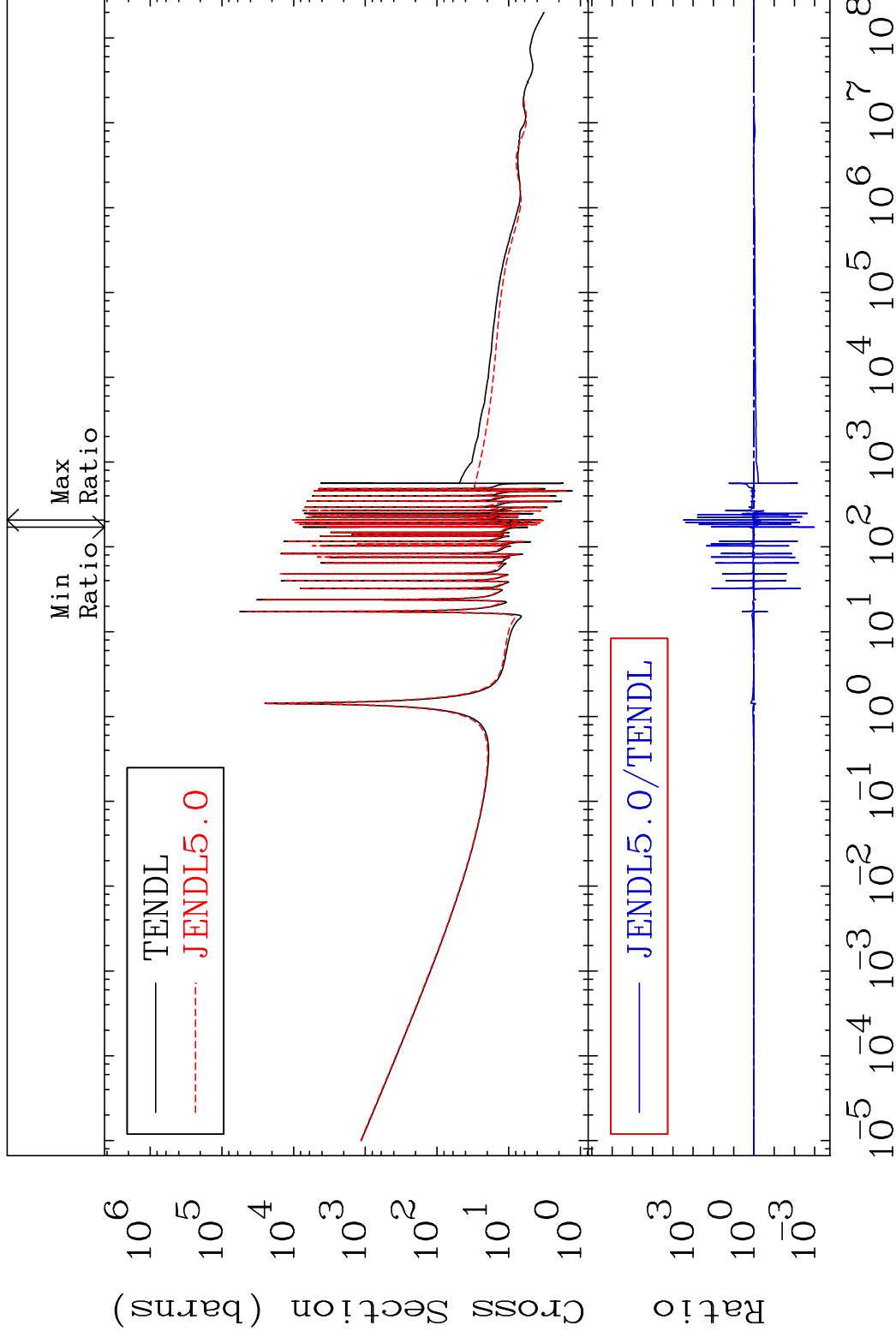
MAT 9034

Total

90-Th-230

Cross Section

-99.89 To 9999. %



1

Incident Energy (eV)

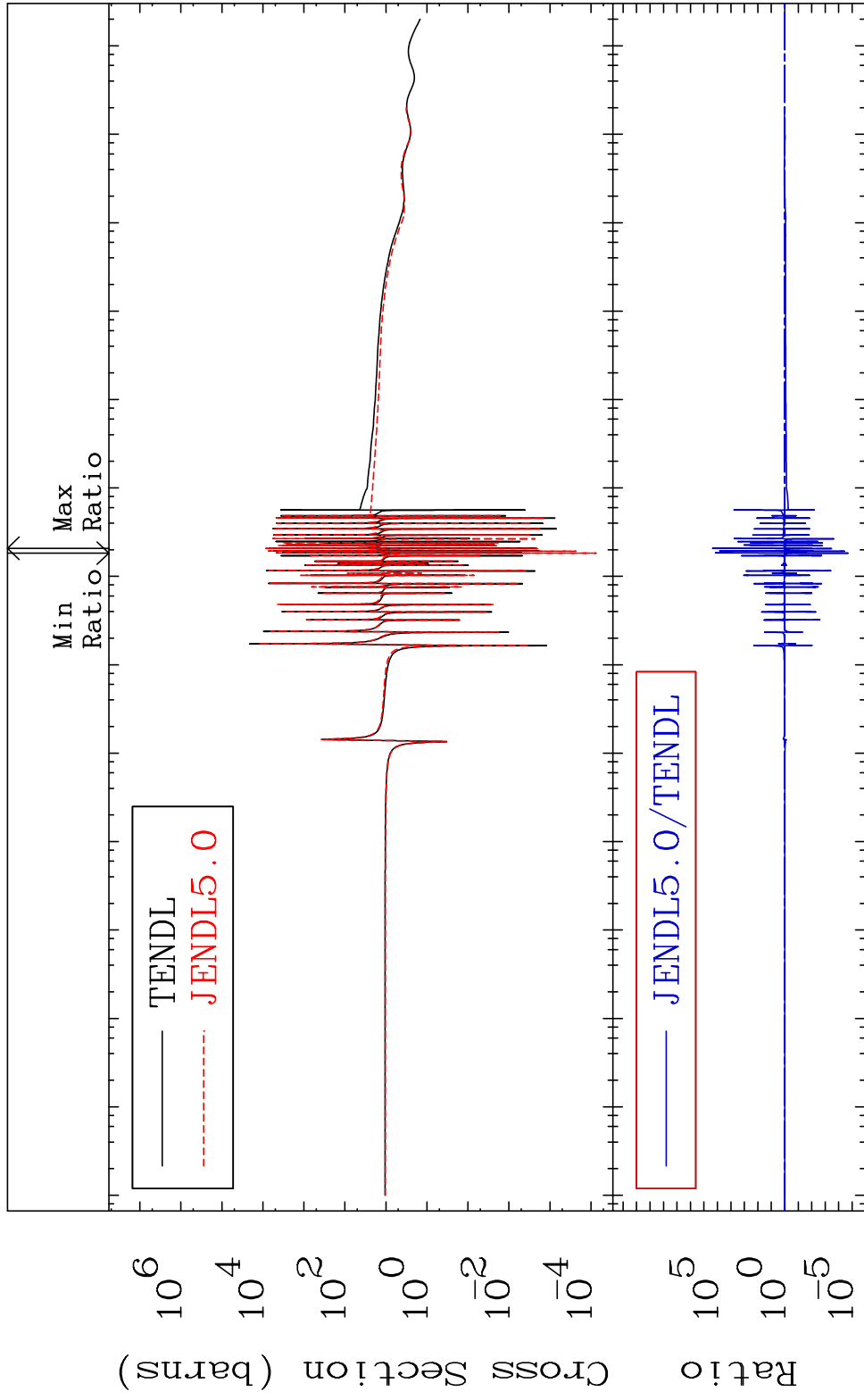
90-Th-230

MAT 9034

Elastic

90-Th-230

Cross Section -100.0 To 9999. %

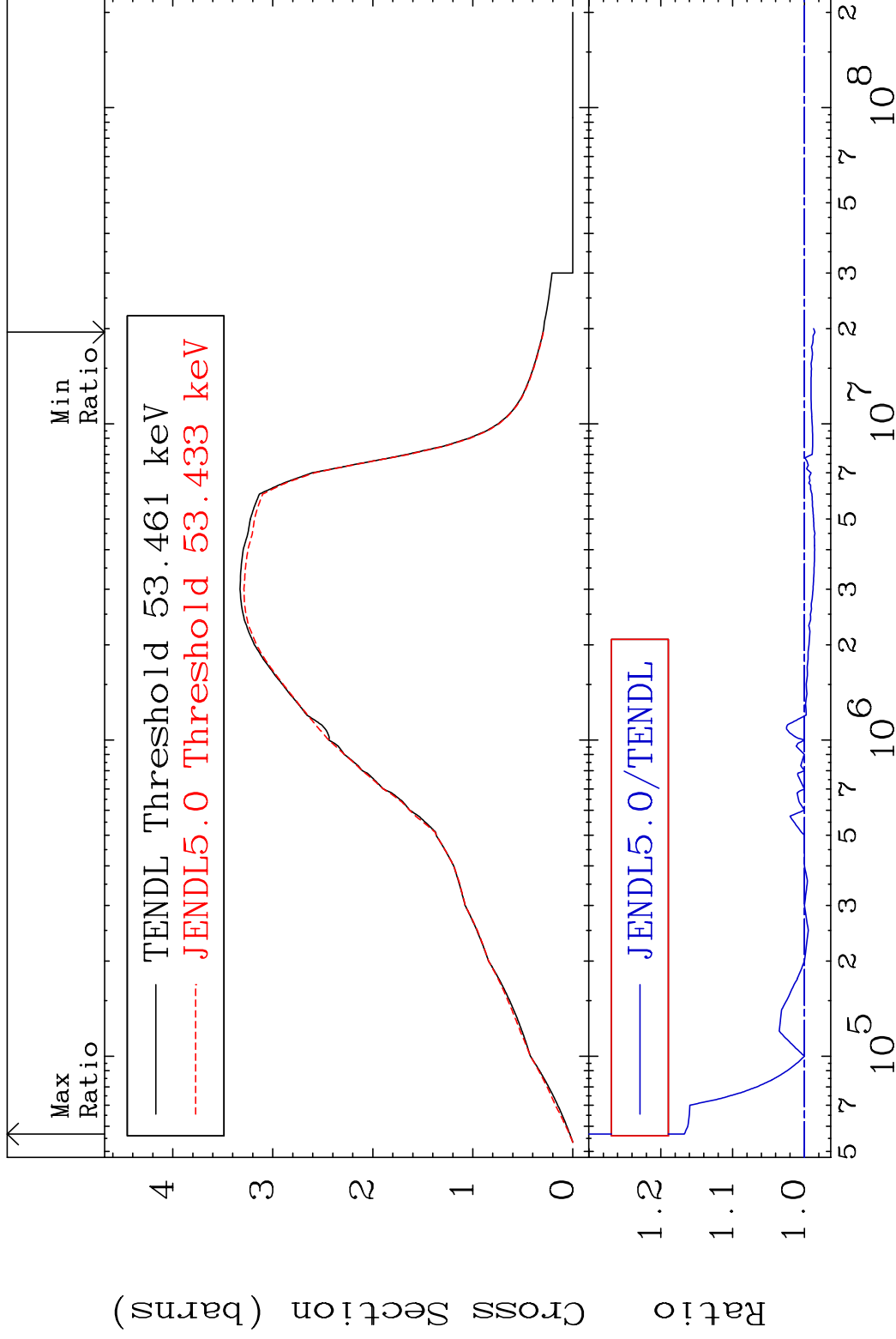


MAT 9034

Inelastic

90-Th-230

Cross Section -1.454 To 16.72 %



3

Incident Energy (eV)

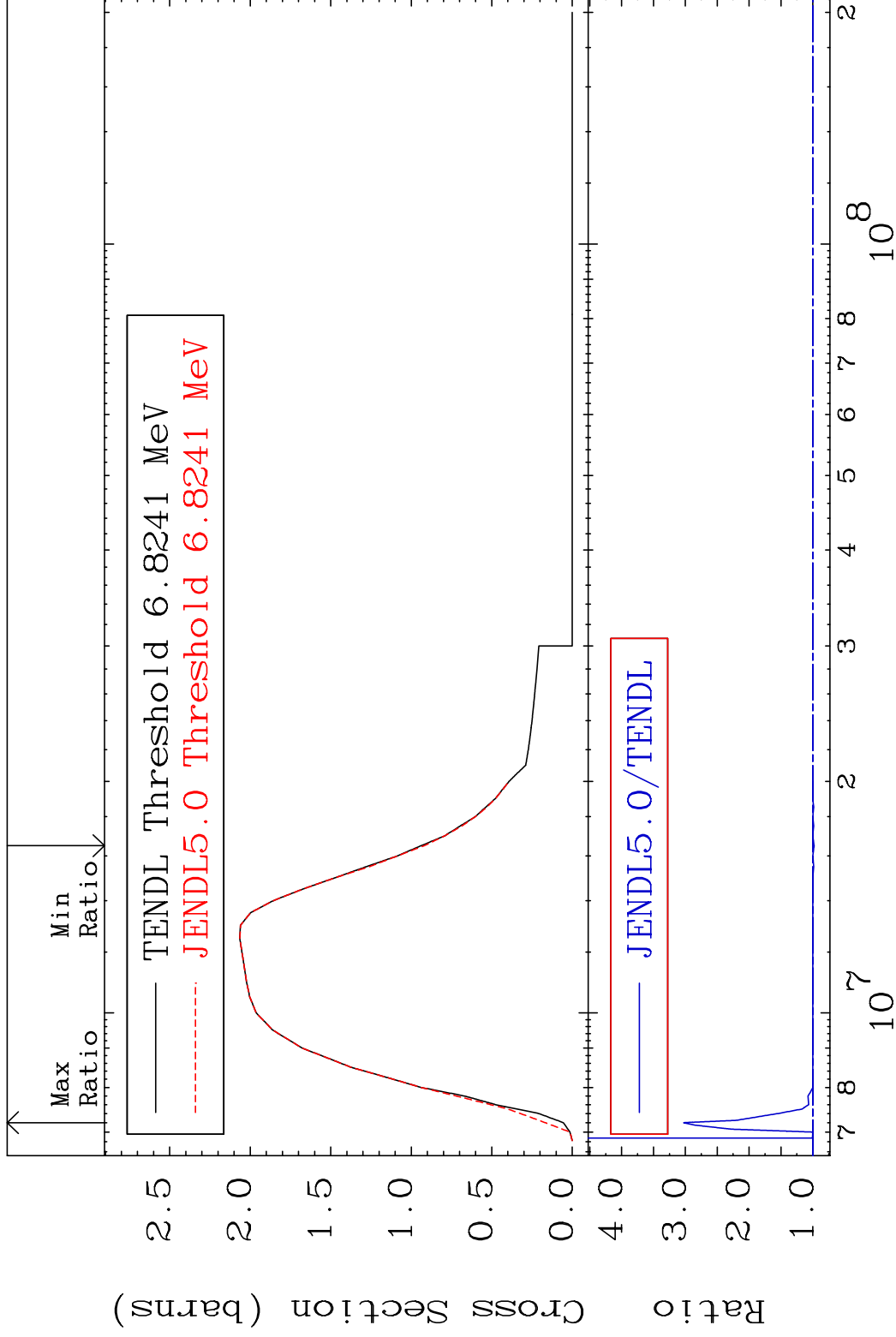
90-Th-230

MAT 9034

(n,2n)

90-Th-230

Cross Section -2.088 To 202.7 %



4

Incident Energy (eV)

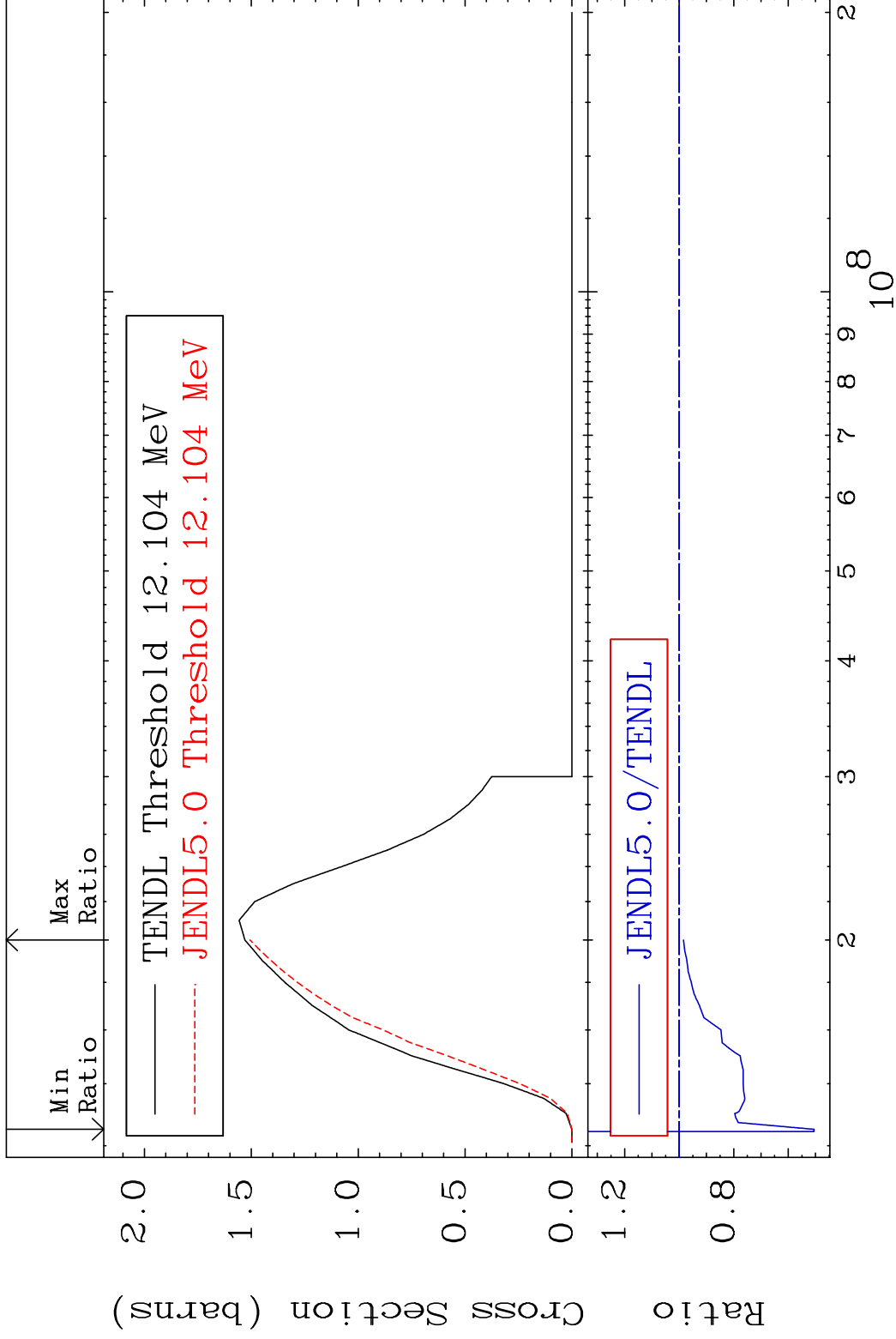
90-Th-230

MAT 9034

(n,3n)

90-Th-230

Cross Section -49.45 To -1.568%



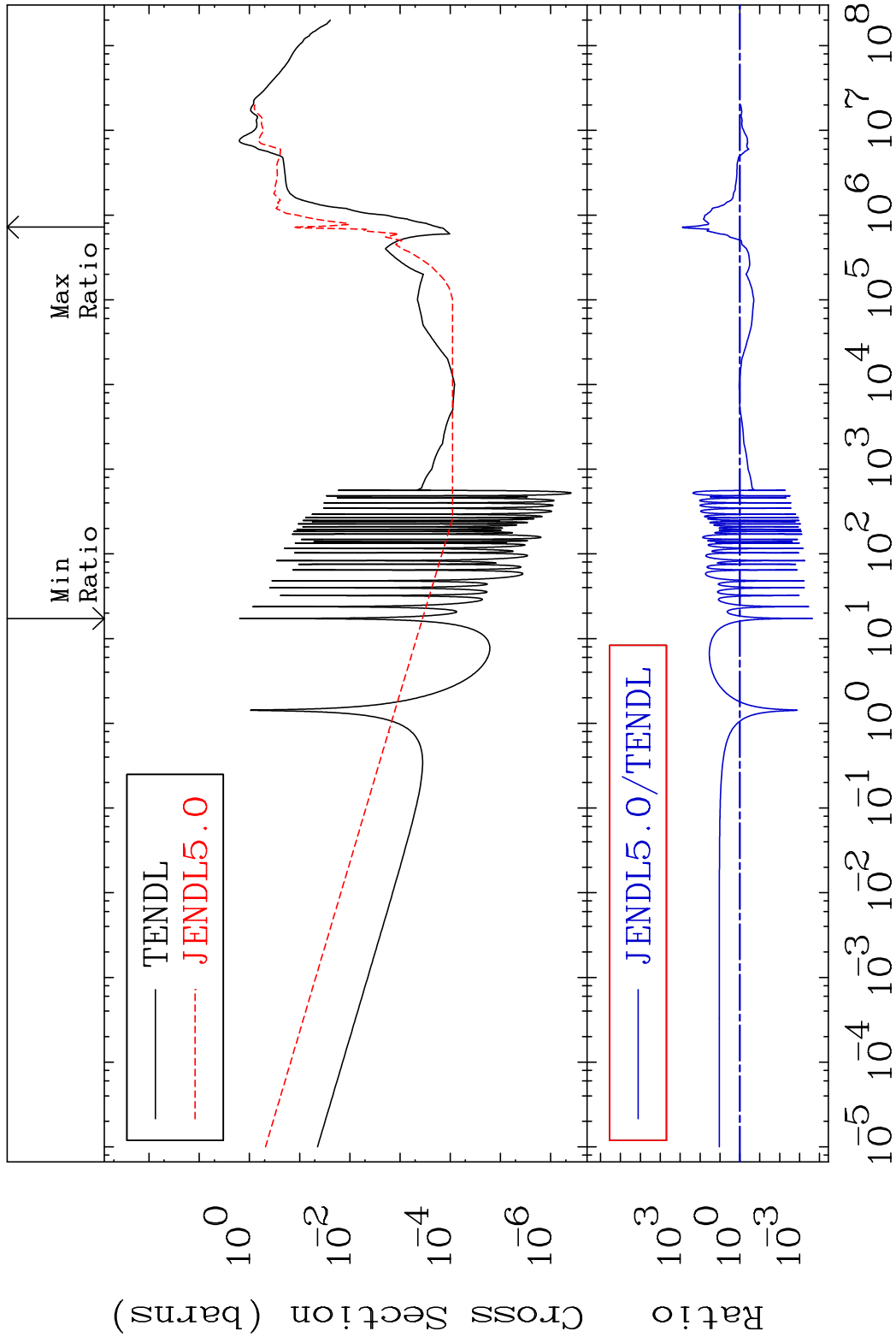
5

Incident Energy (eV)

90-Th-230

MAT 9034

Fission
Cross Section -99.98 To 9999. %
90-Th-230

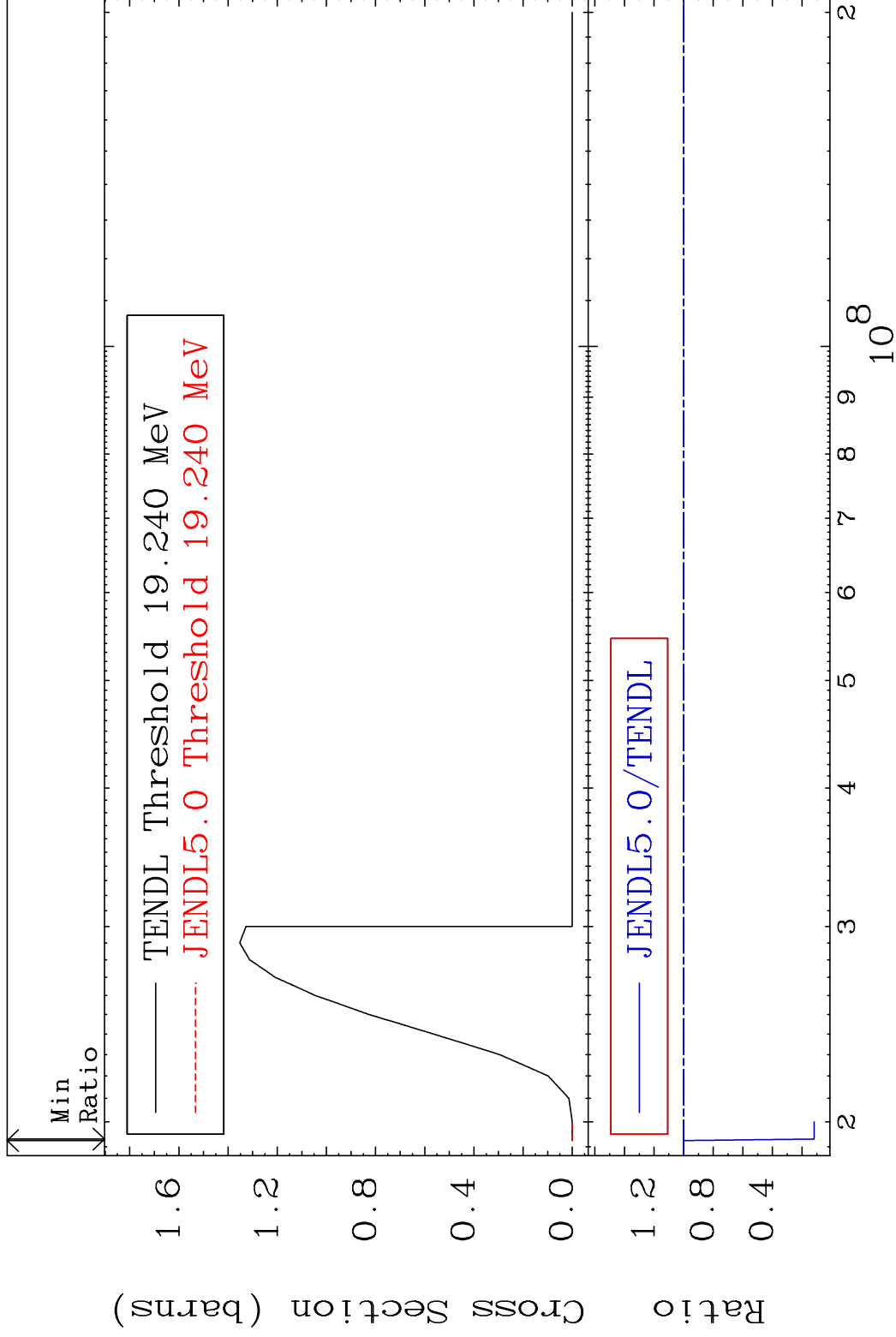


MAT 9034

(n,4n)

90-Th-230

Cross Section -88.15 To 0.000 %

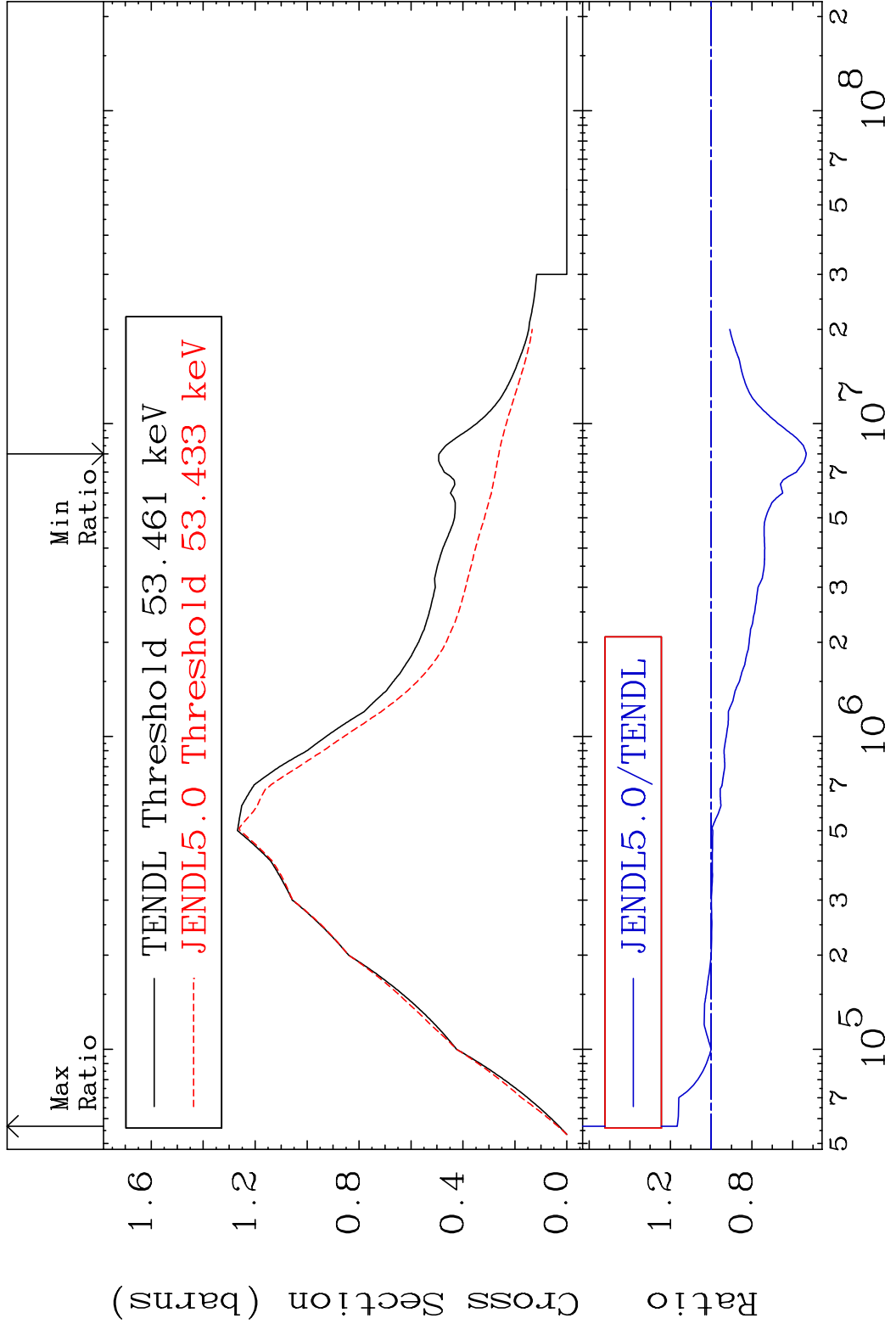


7

Incident Energy (eV)

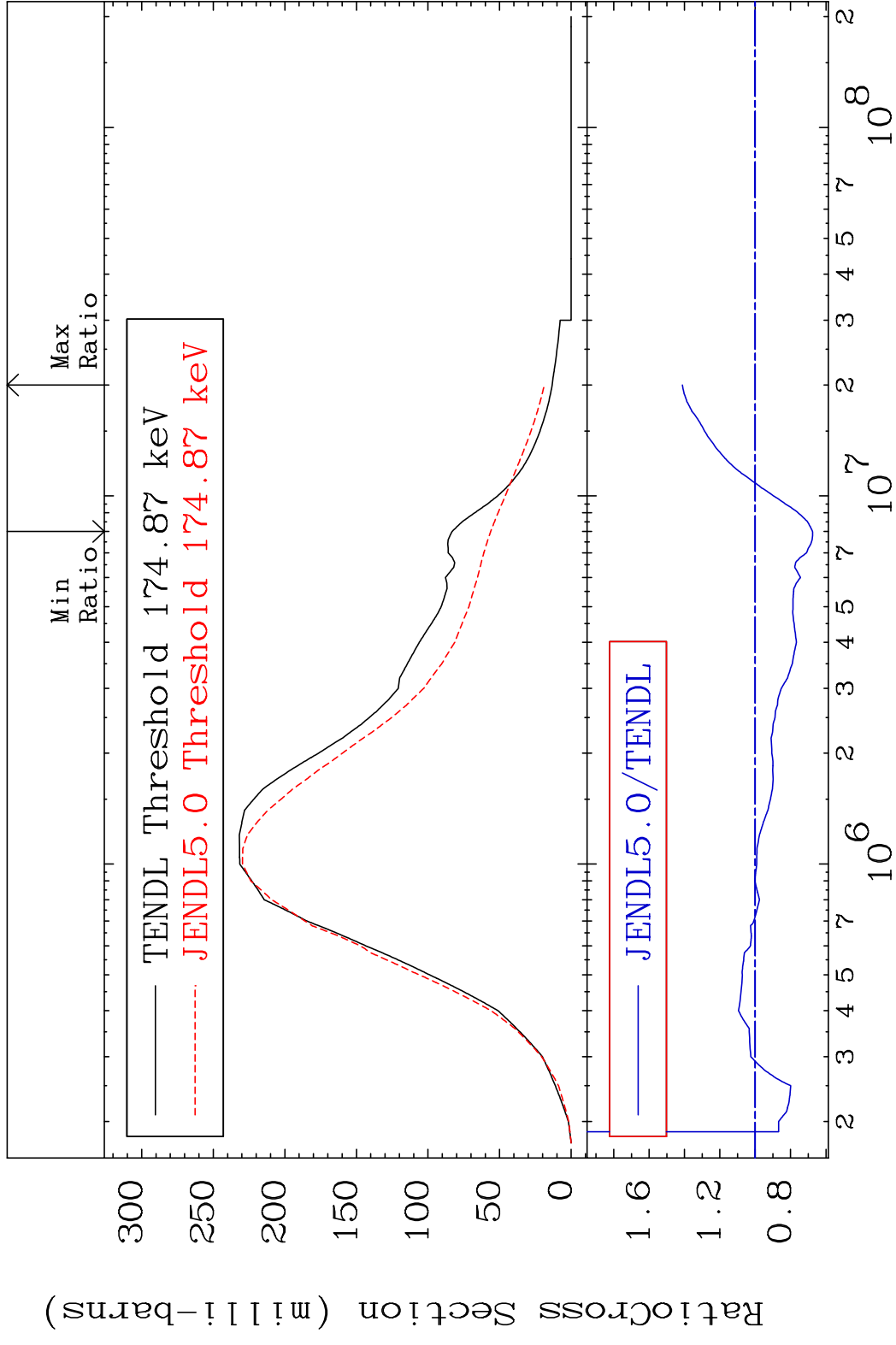
90-Th-230

MAT 9034 MT= 51 (n, n') Level 90-Th-230
 Cross Section -46.79 To 16.72 %

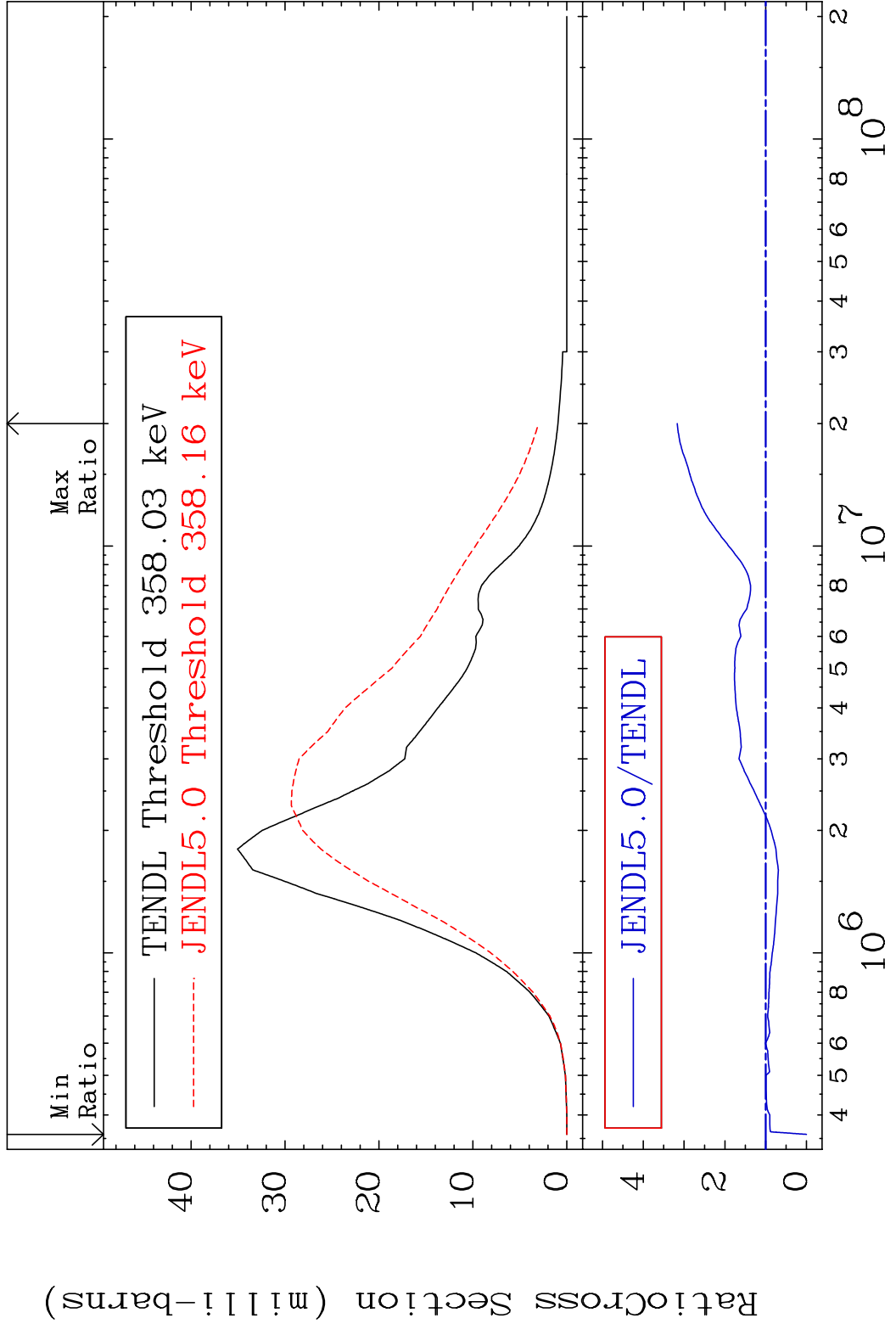


8 8 90-Th-230

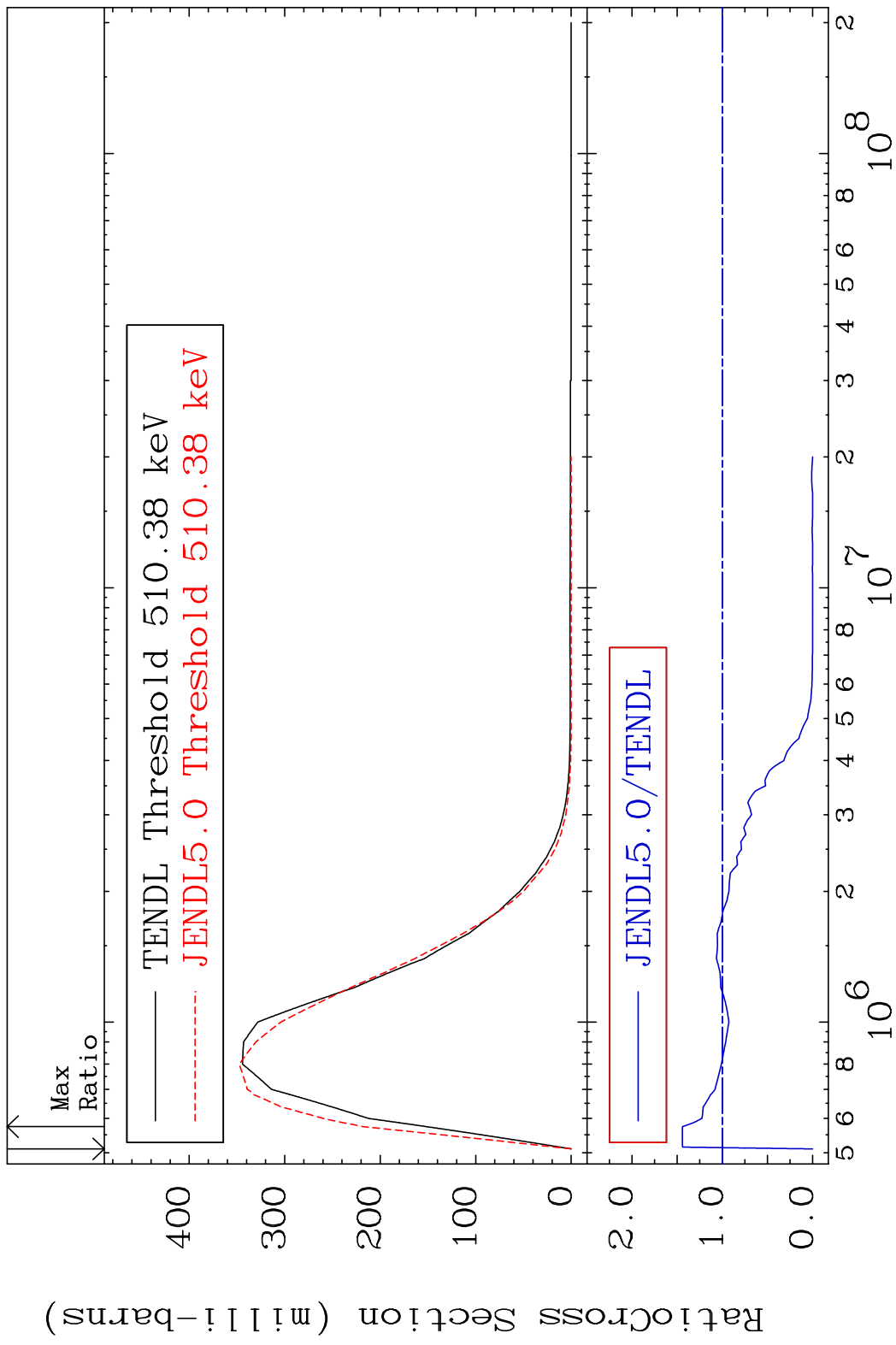
MAT 9034 MT= 52 (n, n') Level 90-Th-230
 Cross Section -32.43 To 41.20 %



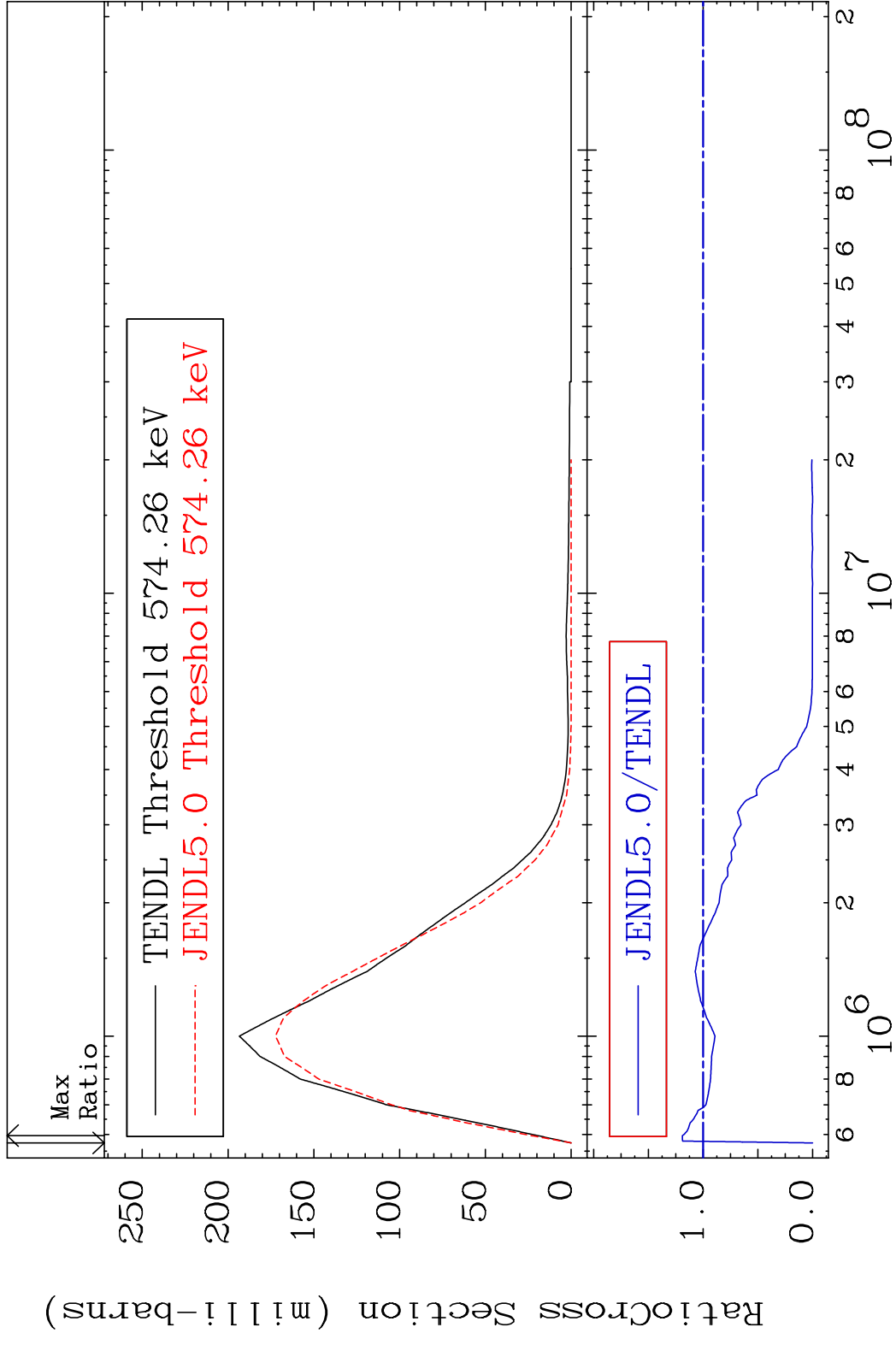
MAT 9034 MT= 53 (n, n') Level 90-Th-230
 Cross Section -100.0 To 217.0 %



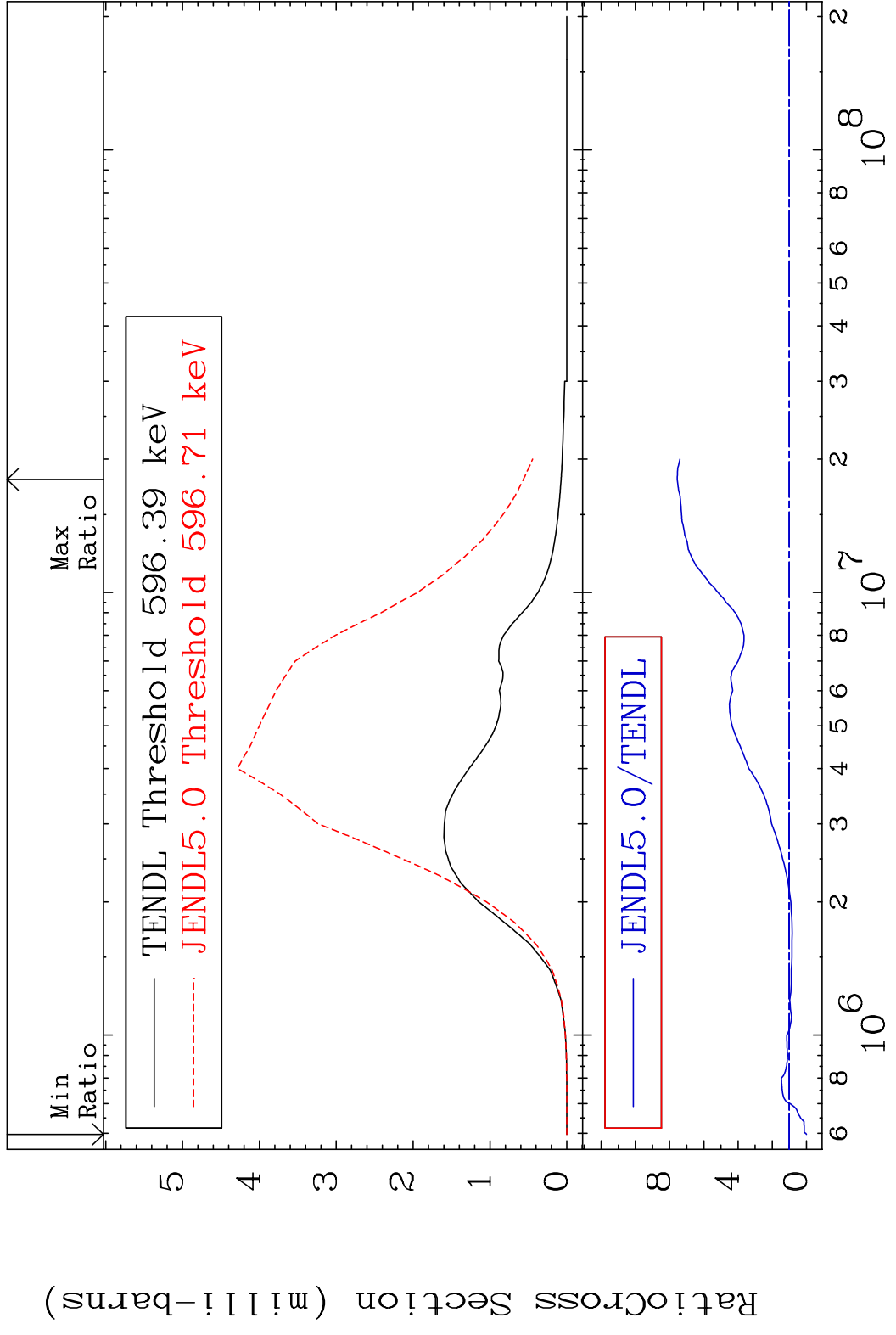
MAT 9034 MT= 54 (n,n') Level 90-Th-230
 Cross Section -100.0 To 44.21 %



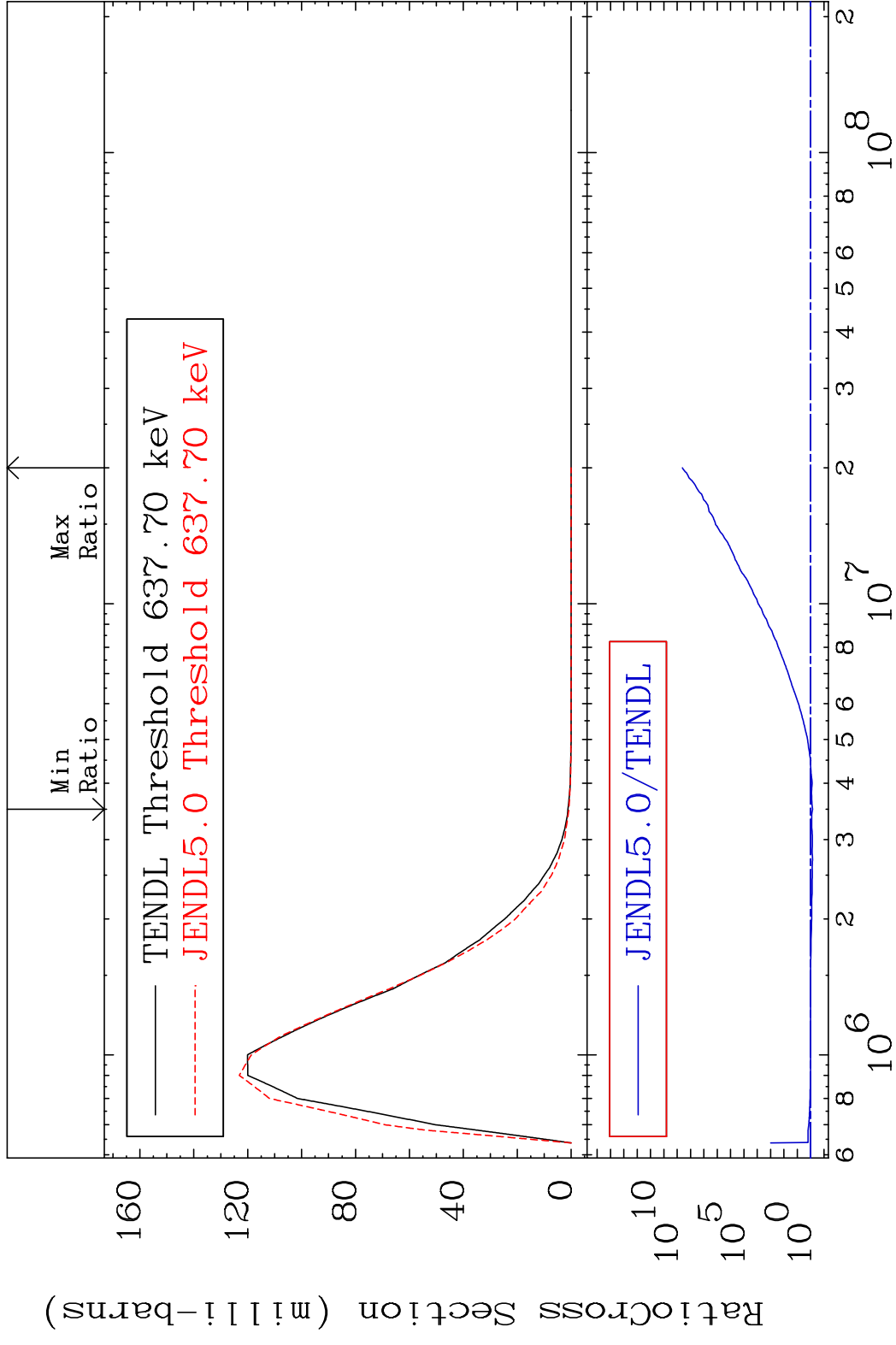
MAT 9034 MT= 55 (n,n') Level 90-Th-230
 Cross Section -100.0 To 18.94 %



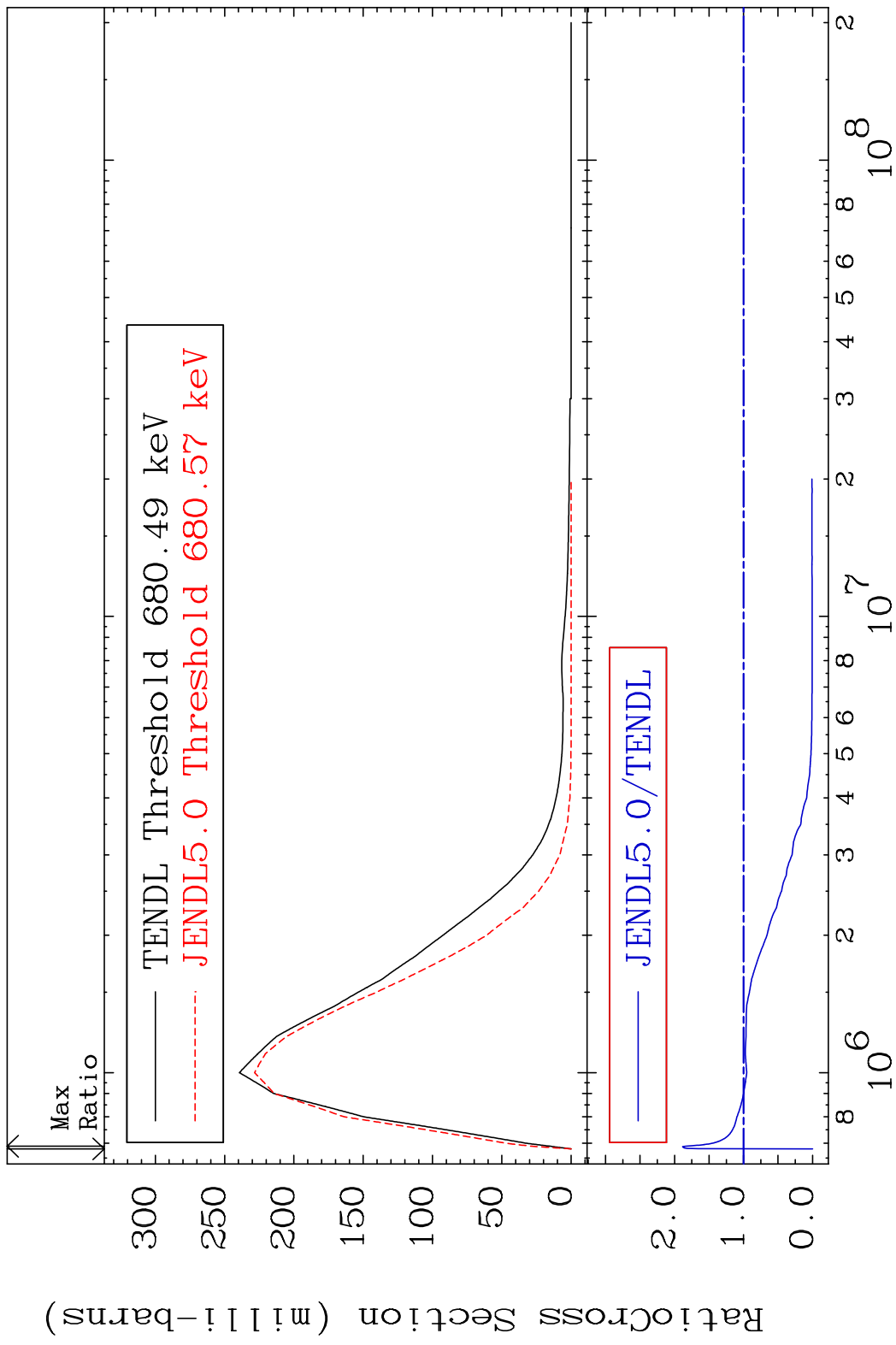
MAT 9034 MT= 56 (n,n') Level 90-Th-230
 Cross Section -100.0 To 655.8 %



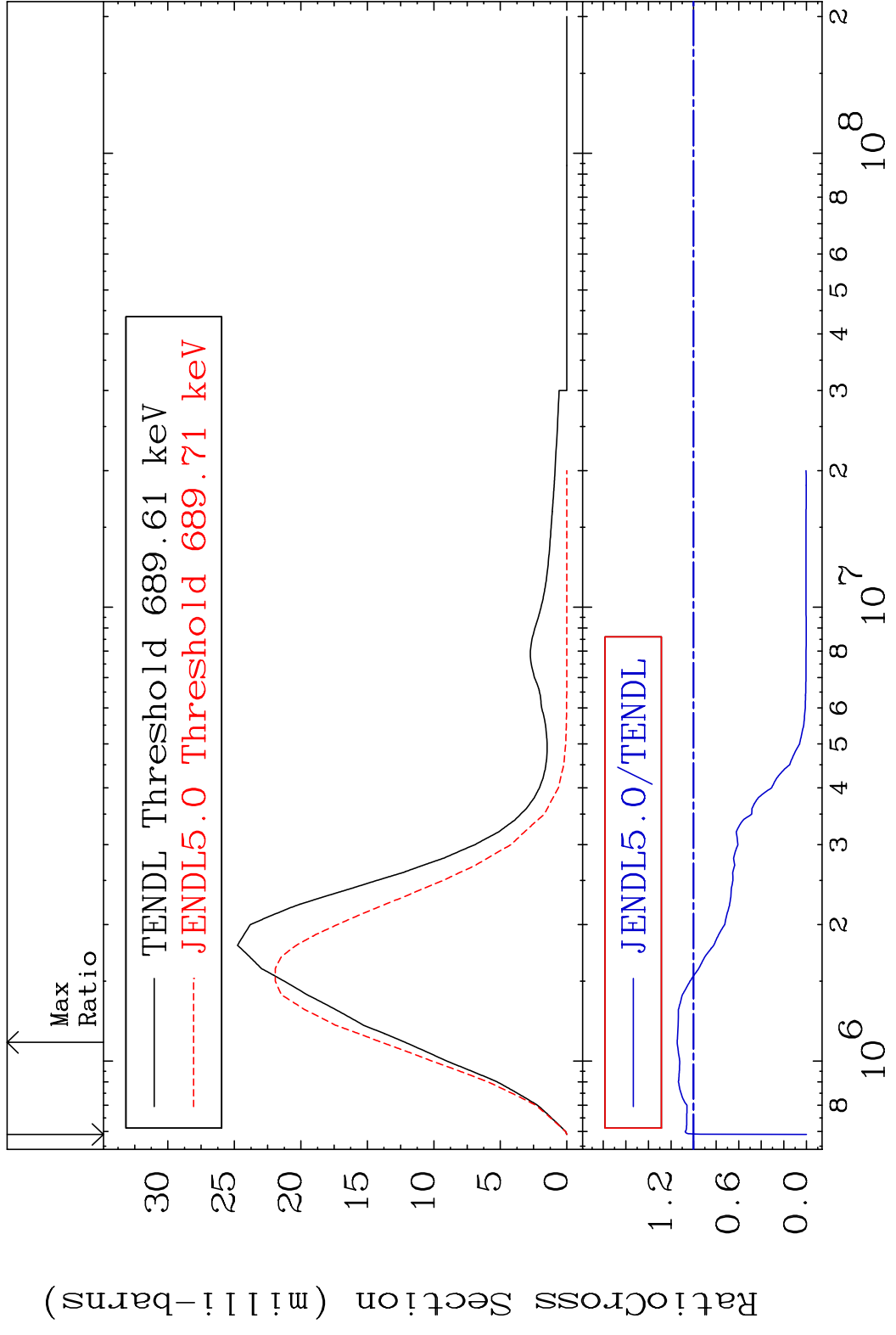
MAT 9034 MT= 57 (n, n') Level 90-Th-230
 Cross Section -28.70 To 9999. %



MAT 9034 MT= 58 (n,n') Level 90-Th-230
 Cross Section -100.0 To 88.69 %



MAT 9034 MT= 59 (n, n') Level 90-Th-230
 Cross Section -100.0 To 14.52 %



MAT 9034

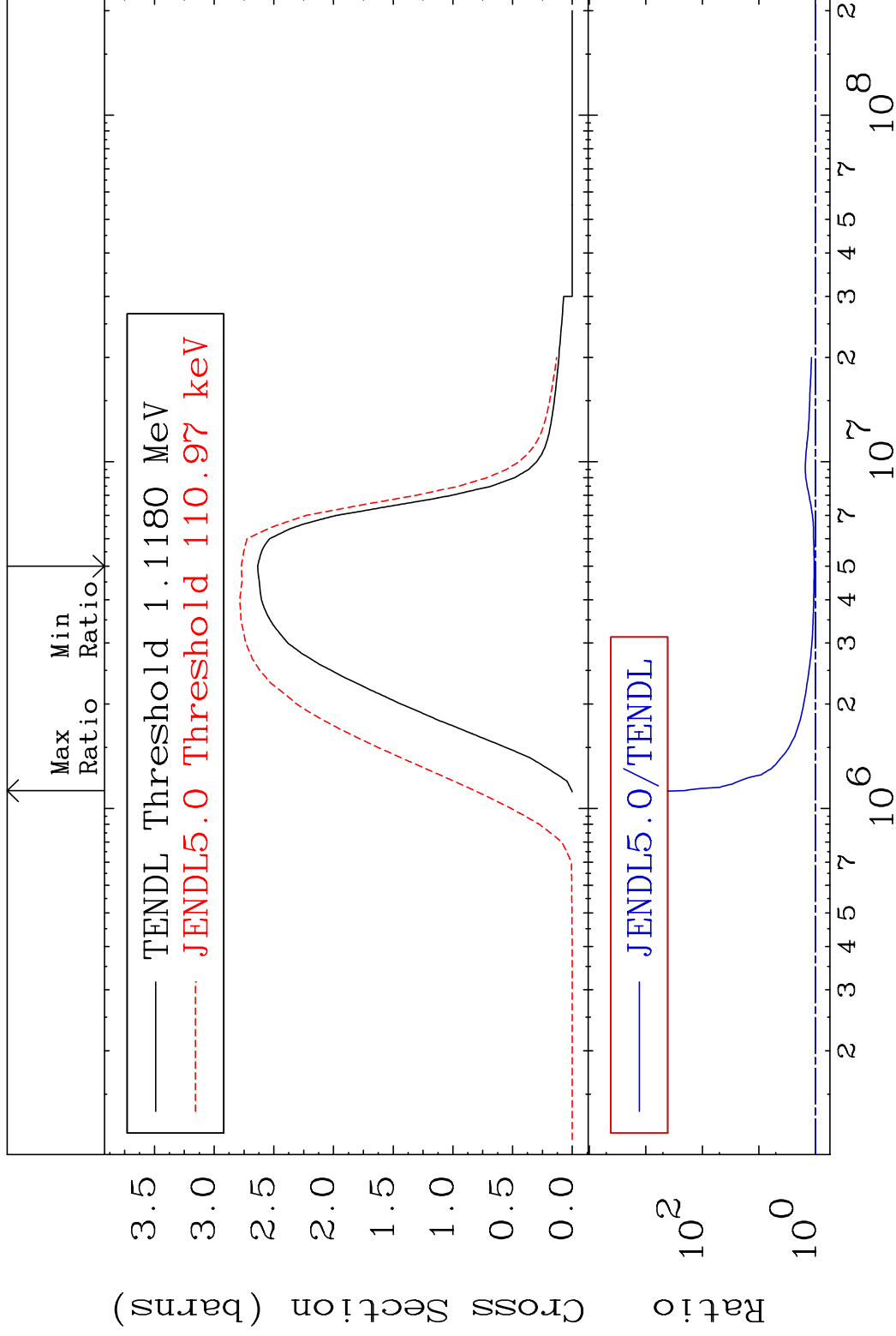
(n, n') Continuum

90-Th-230

Cross Section

5.205

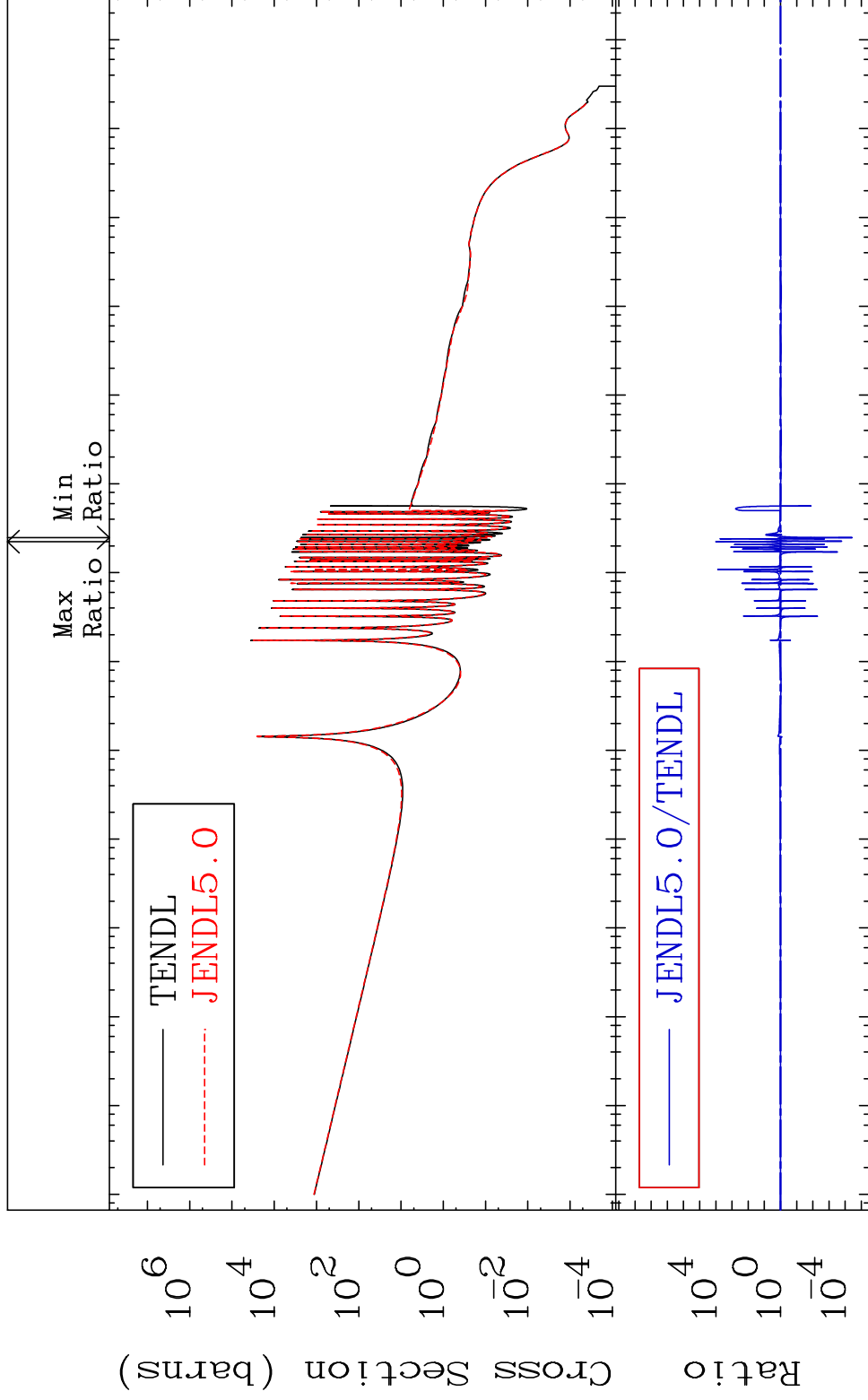
To 9999. %



MAT 9034

(n, γ)
Cross Section -100.0 To 9999. %

90-Th-230

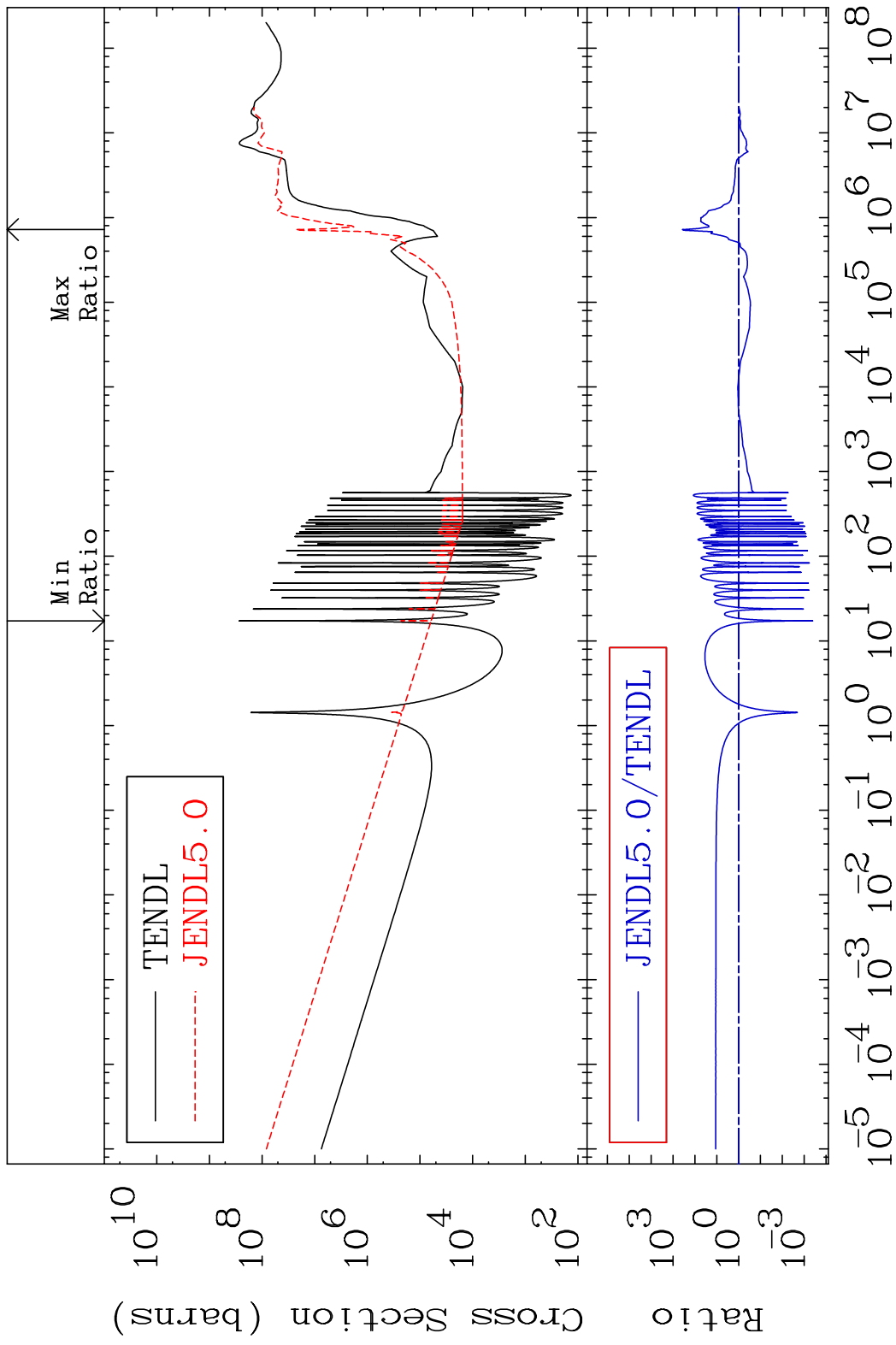


18

Incident Energy (eV)

90-Th-230

MAT 9034 Kerma total (eV-barns) 90-Th-230
 Cross Section -99.96 To 9999. %



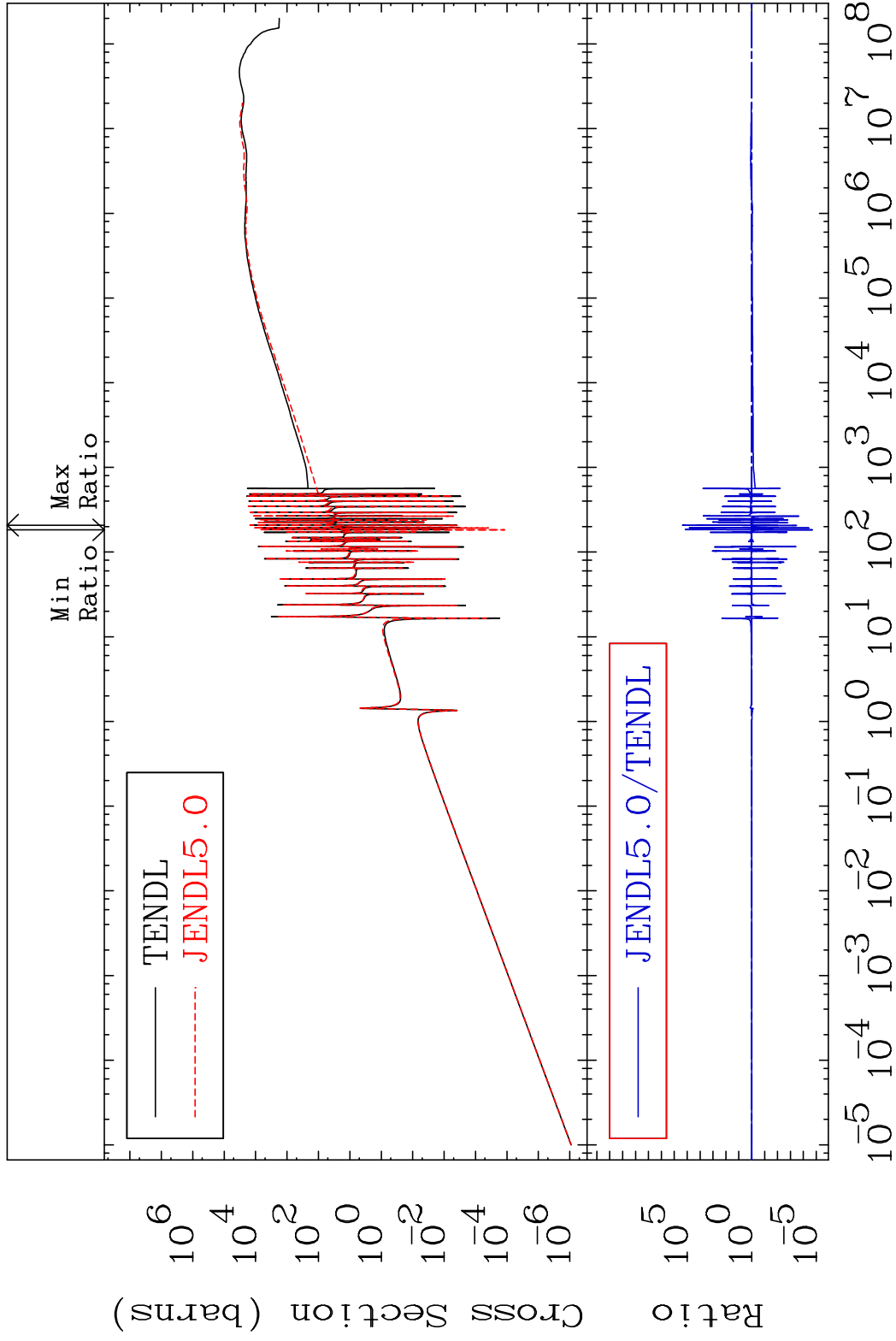
19 Incident Energy (eV) 90-Th-230

MAT 9034

Kerma elastic

90-Th-230

Cross Section -100.0 To 9999. %

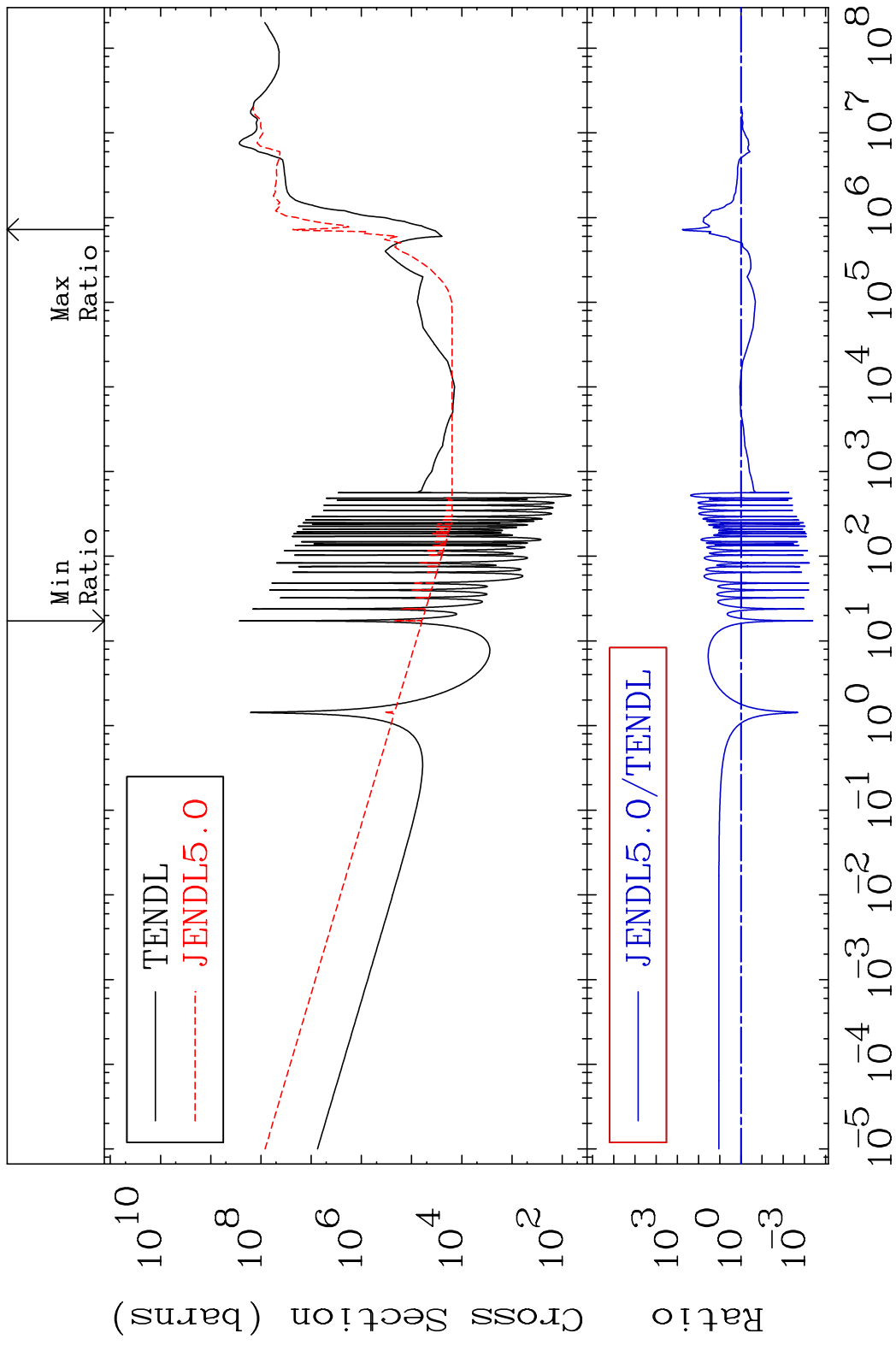


20

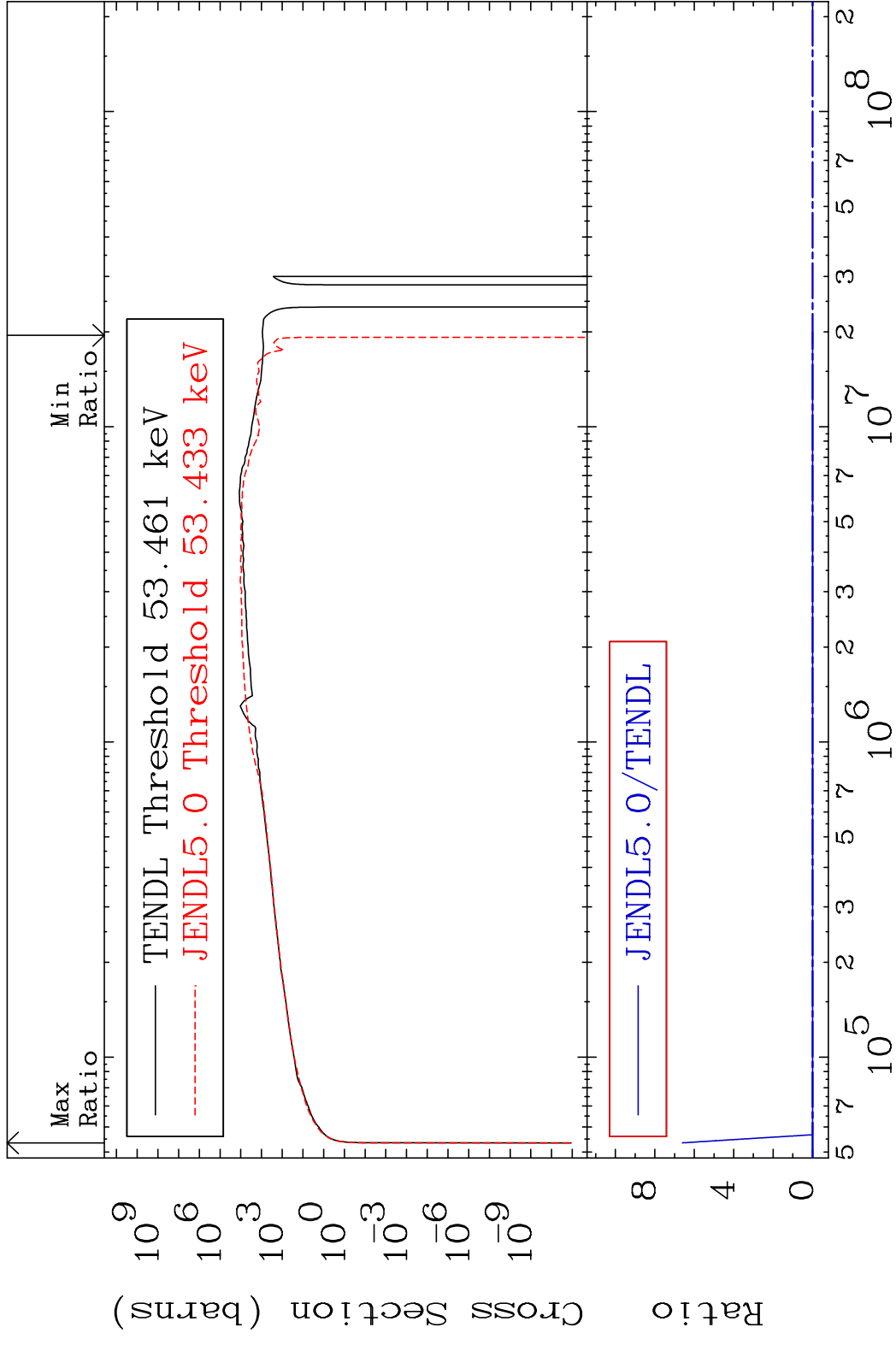
Incident Energy (eV)

90-Th-230

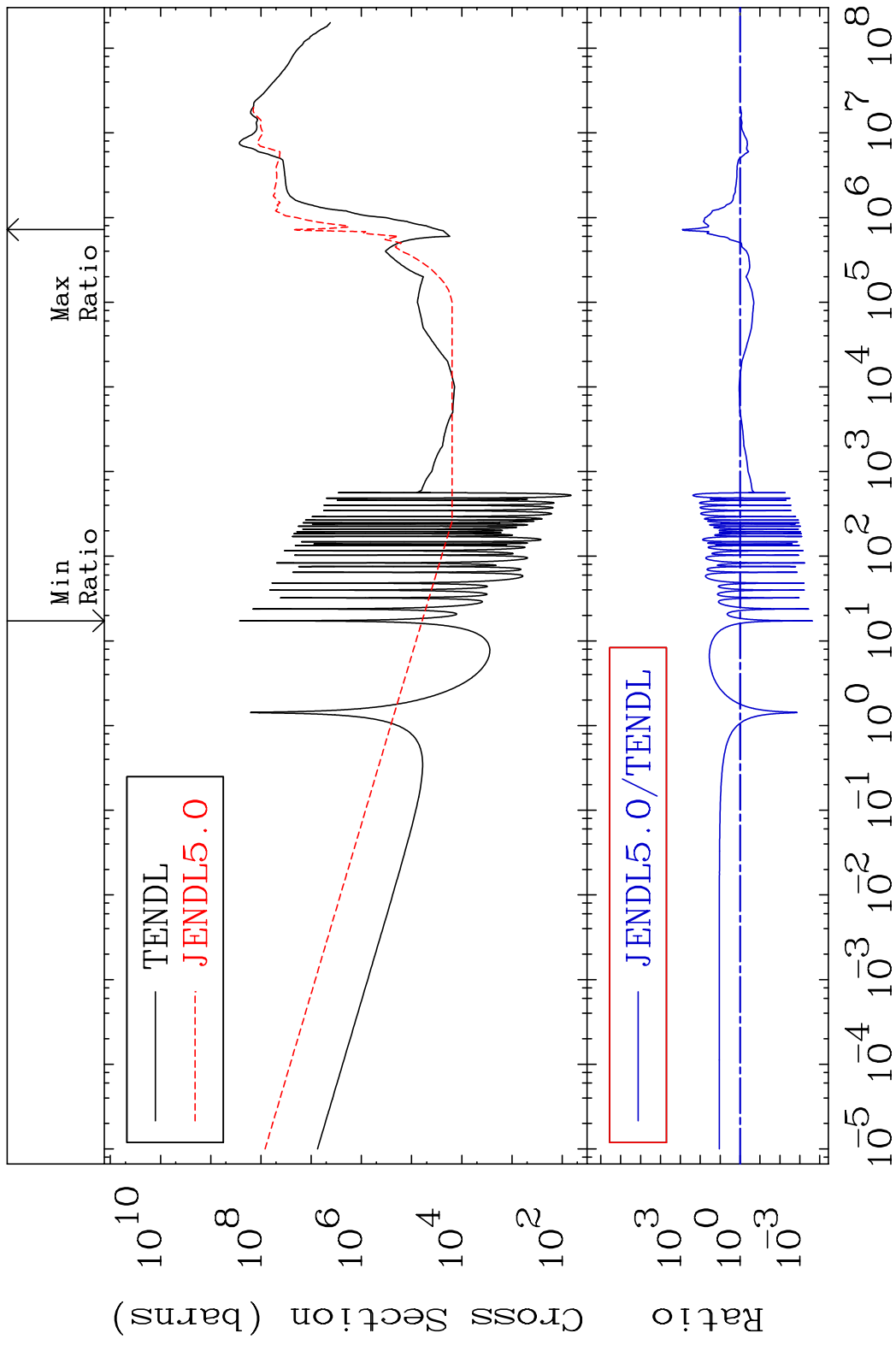
MAT 9034 Kerma non-elastic (all but mt2) 90-Th-230
 Cross Section -99.96 To 9999. %



MAT 9034 Kerma inelastic (mt51-91) 90-Th-230
 Cross Section -121.1 To 9999. %

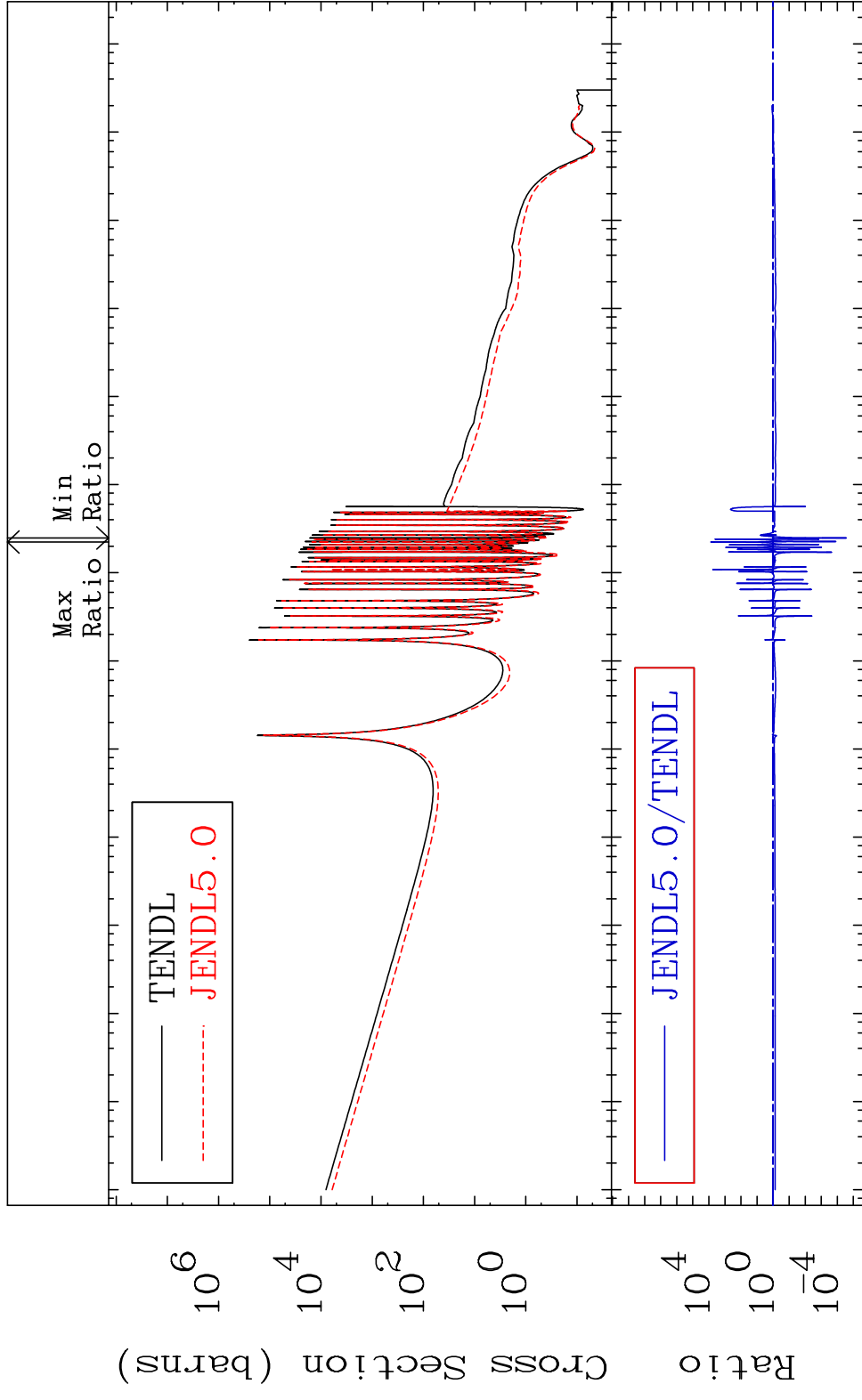


MAT 9034 Kerma fission (mt18 or mt19-20-21-38)90-Th-230
 Cross Section -99.98 To 9999. %

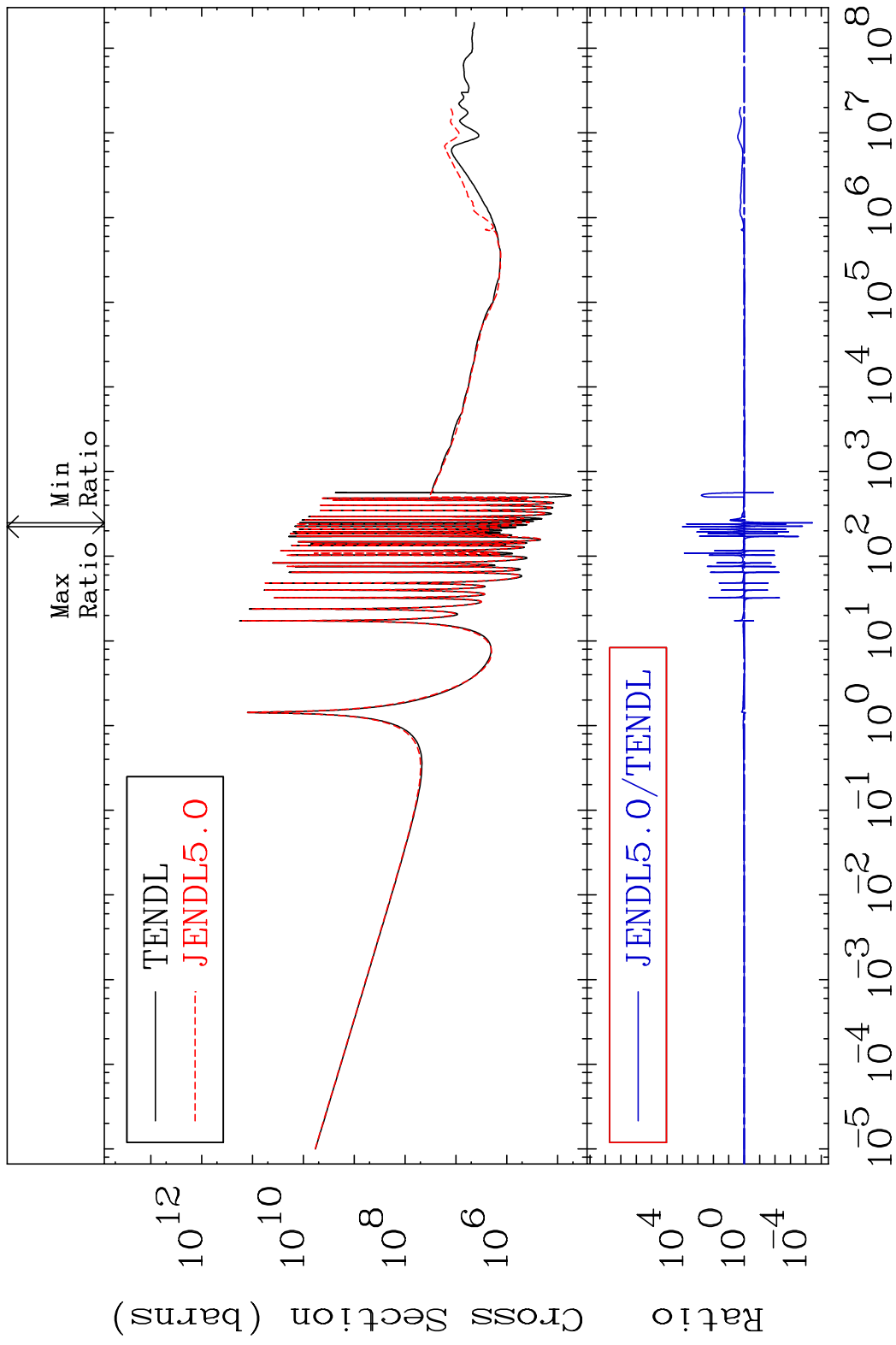


MAT 9034

Kerma capture (mt102) 90-Th-230
Cross Section -100.0 To 9999. %

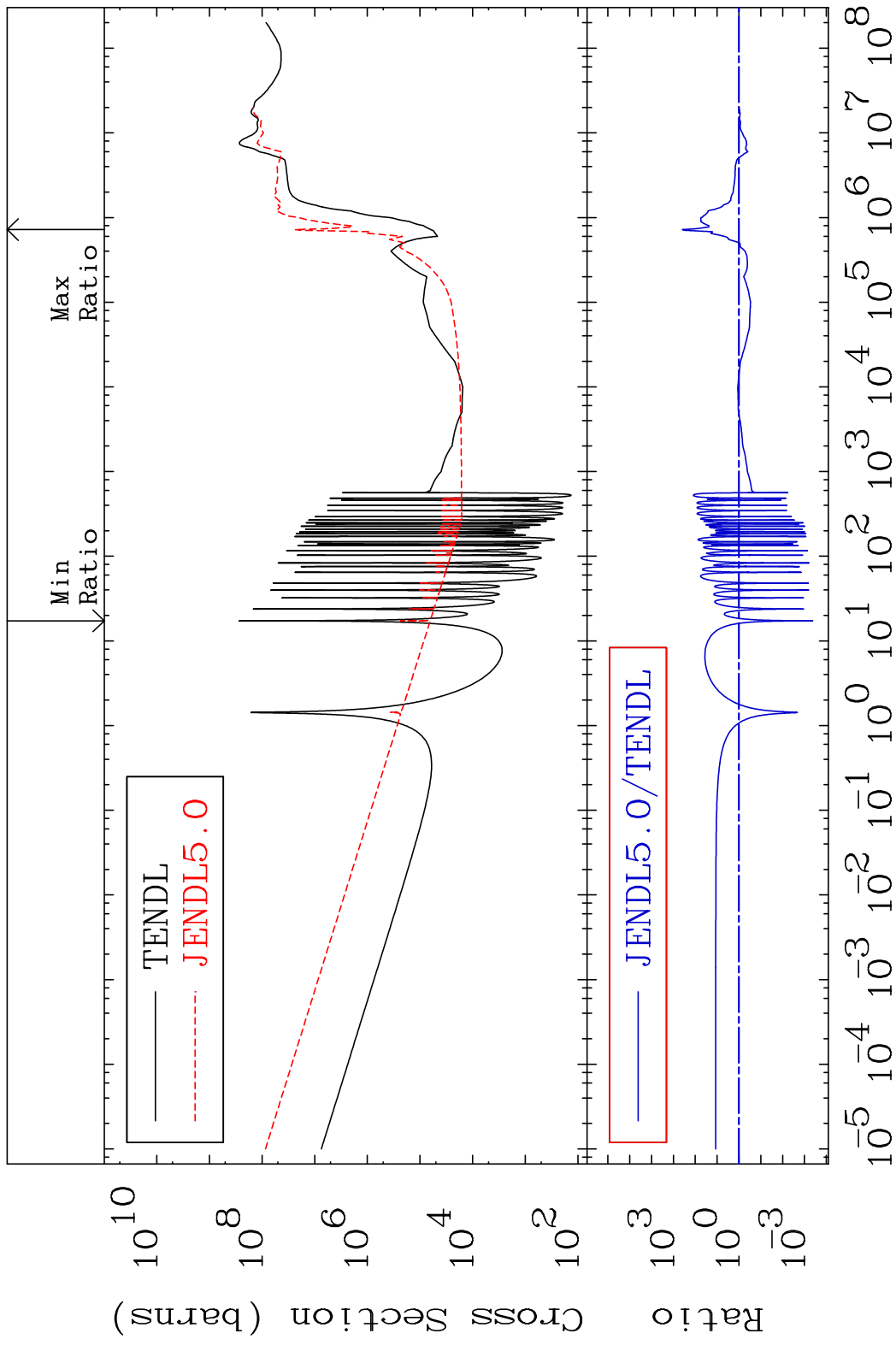


MAT 9034 Total photon (eV-barns) 90-Th-230
 Cross Section -100.0 To 9999. %

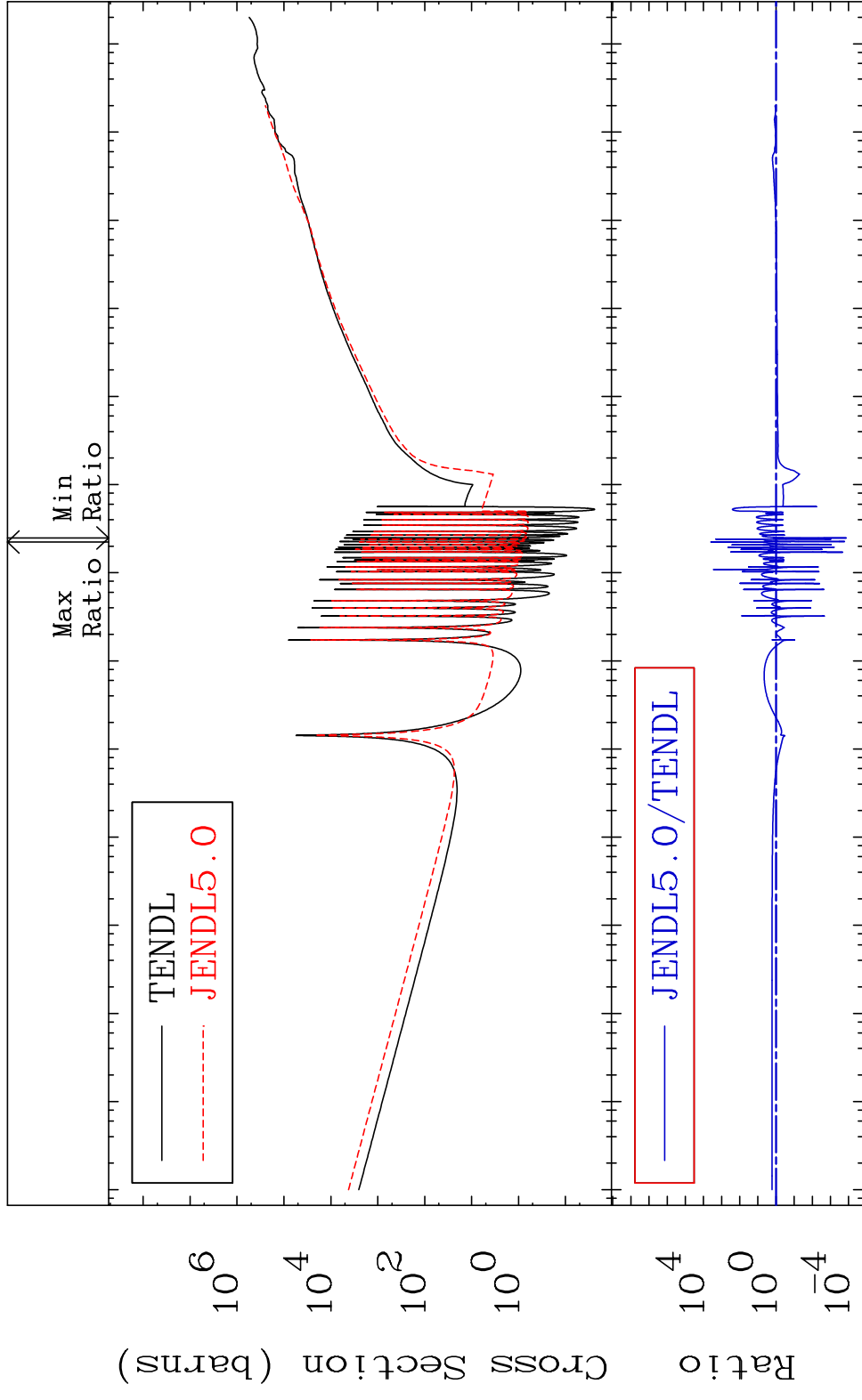


25 Incident Energy (eV) 90-Th-230

MAT 9034 Total kinematic kerma (high limit) 90-Th-230
 Cross Section -99.96 To 9999. %



MAT 9034 Dpa total (eV-barns) 90-Th-230
 Cross Section -99.99 To 9999. %

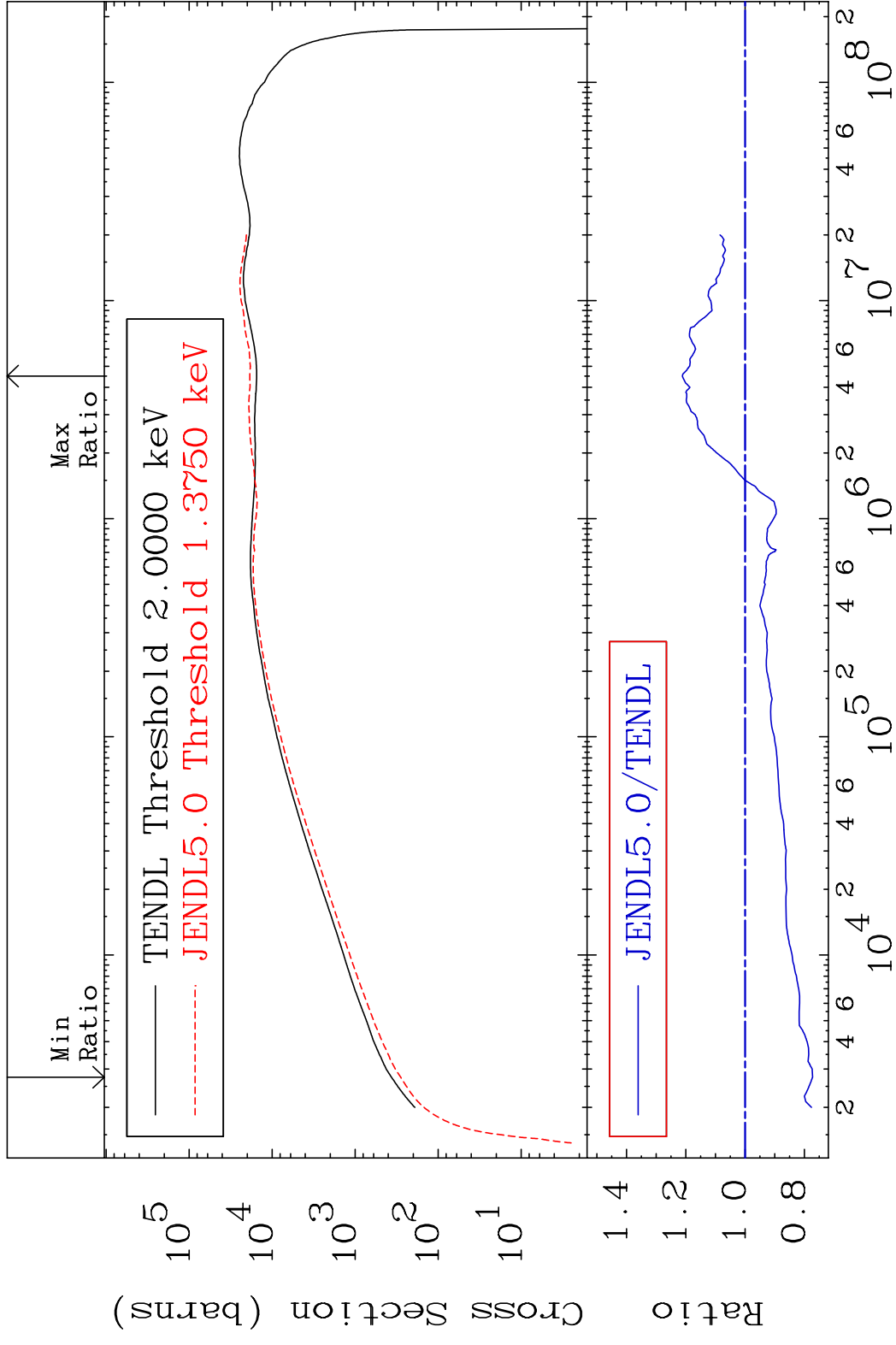


MAT 9034

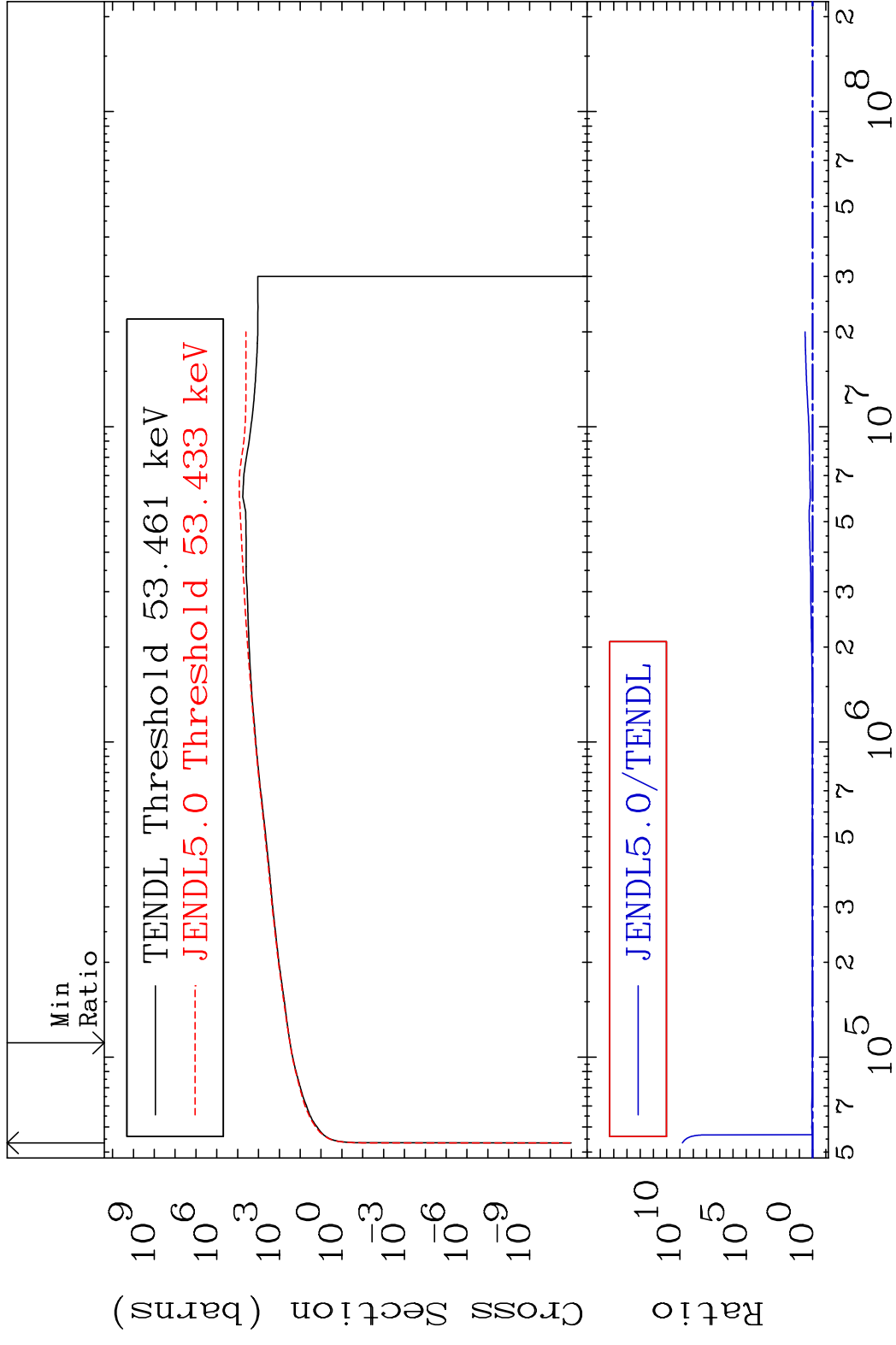
Dpa elastic (mt2)

90-Th-230

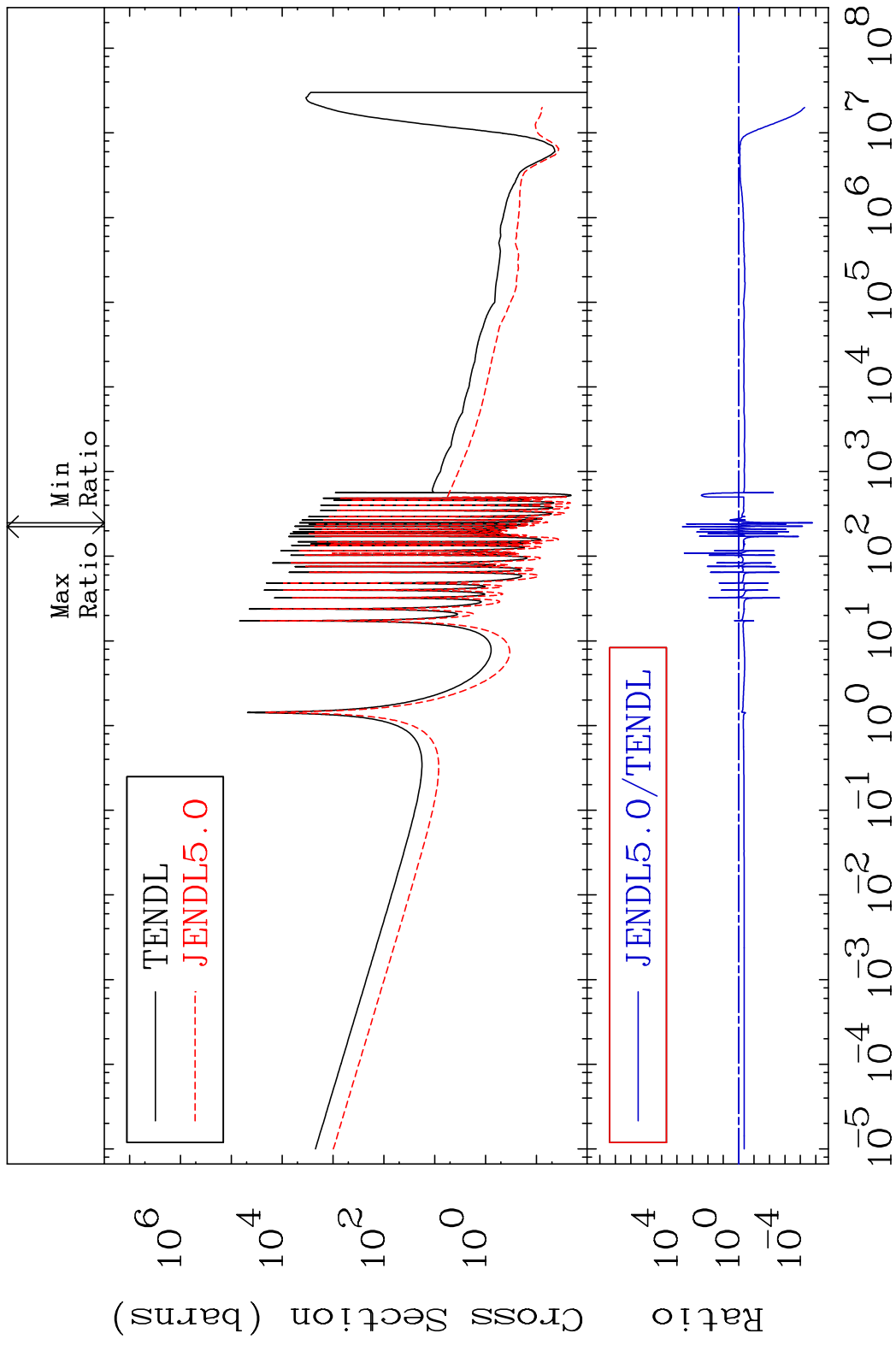
Cross Section -22.72 To 21.16 %



MAT 9034 Dpa inelastic (mt51-91) 90-Th-230
 Cross Section 0.975 To 9999. %



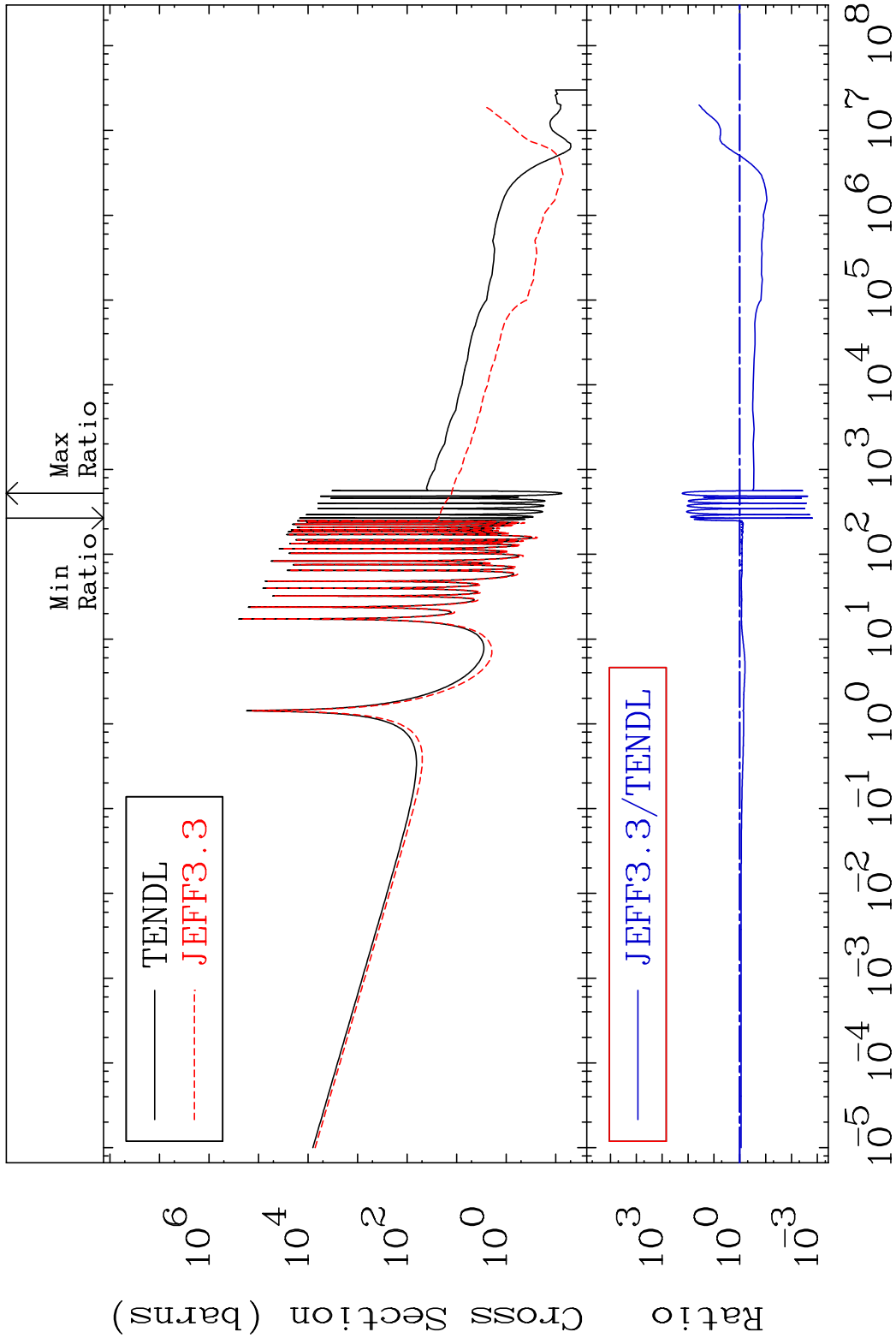
MAT 9034 Dpa disappearance (mt102 -120) 90-Th-230
 Cross Section -100.0 To 9999. %



30 Incident Energy (eV) 90-Th-230

MAT 9034

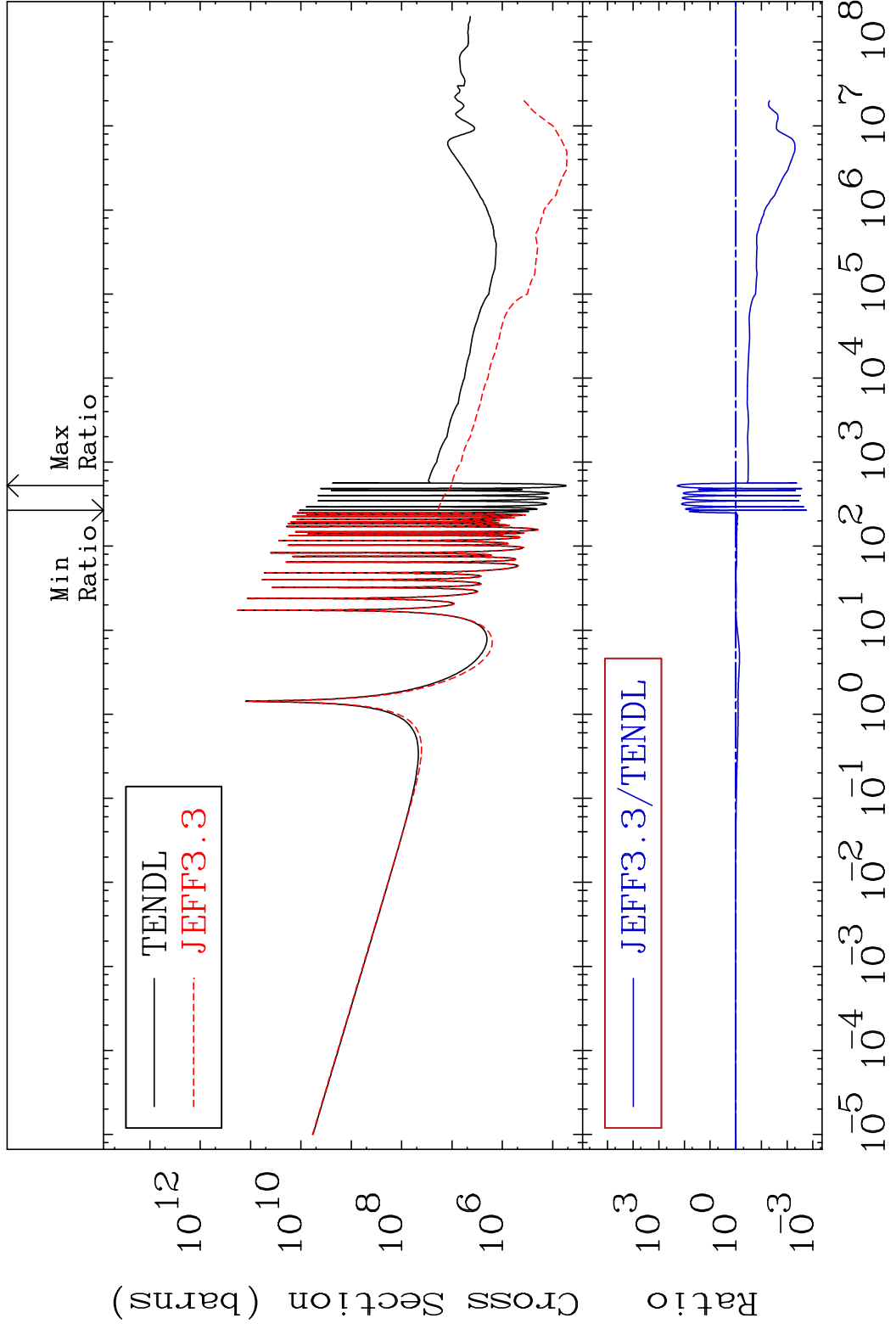
Kerma capture (mt102) 90-Th-230
Cross Section -99.84 To 9999. %



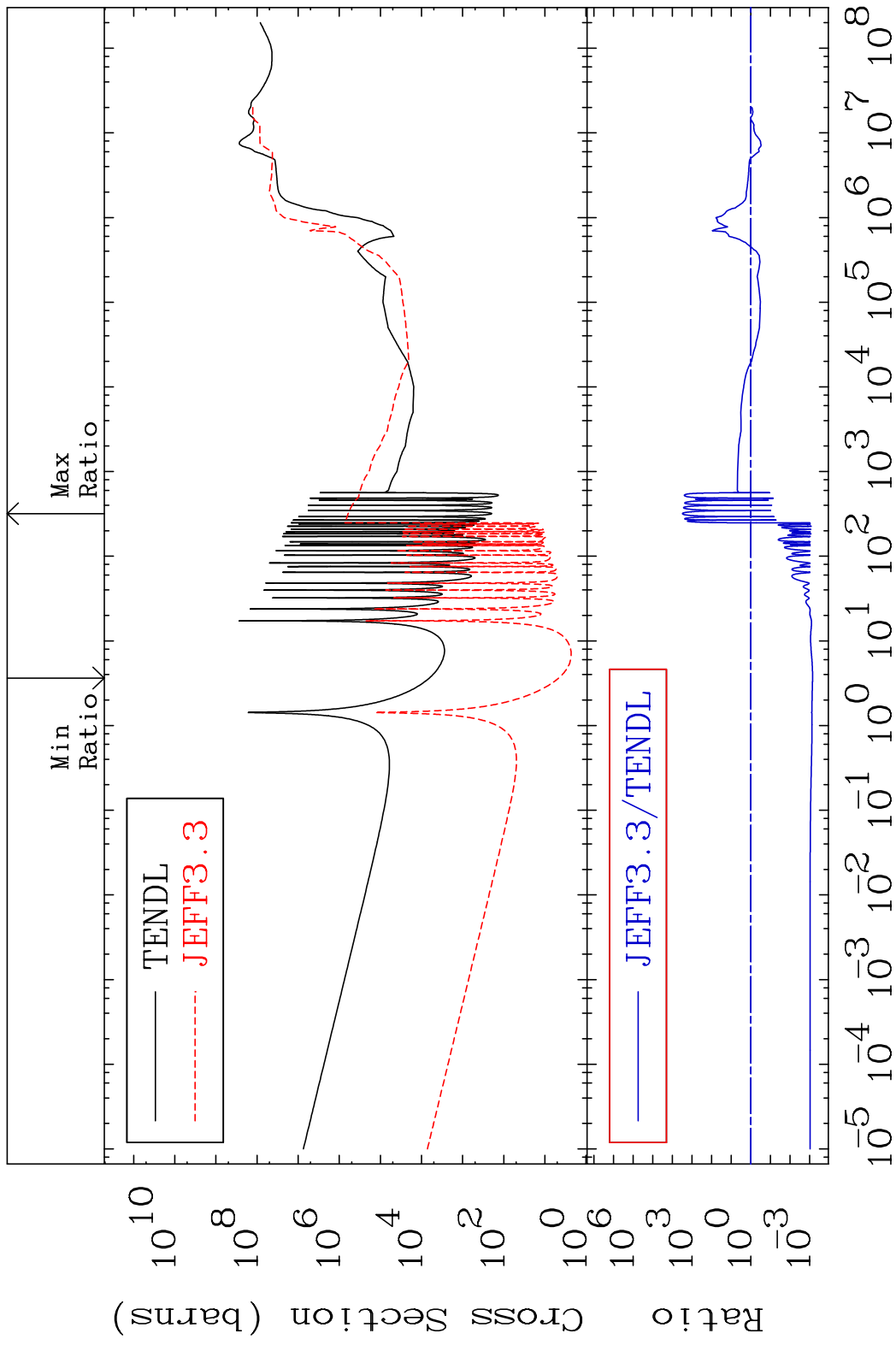
31

Incident Energy (eV) 90-Th-230

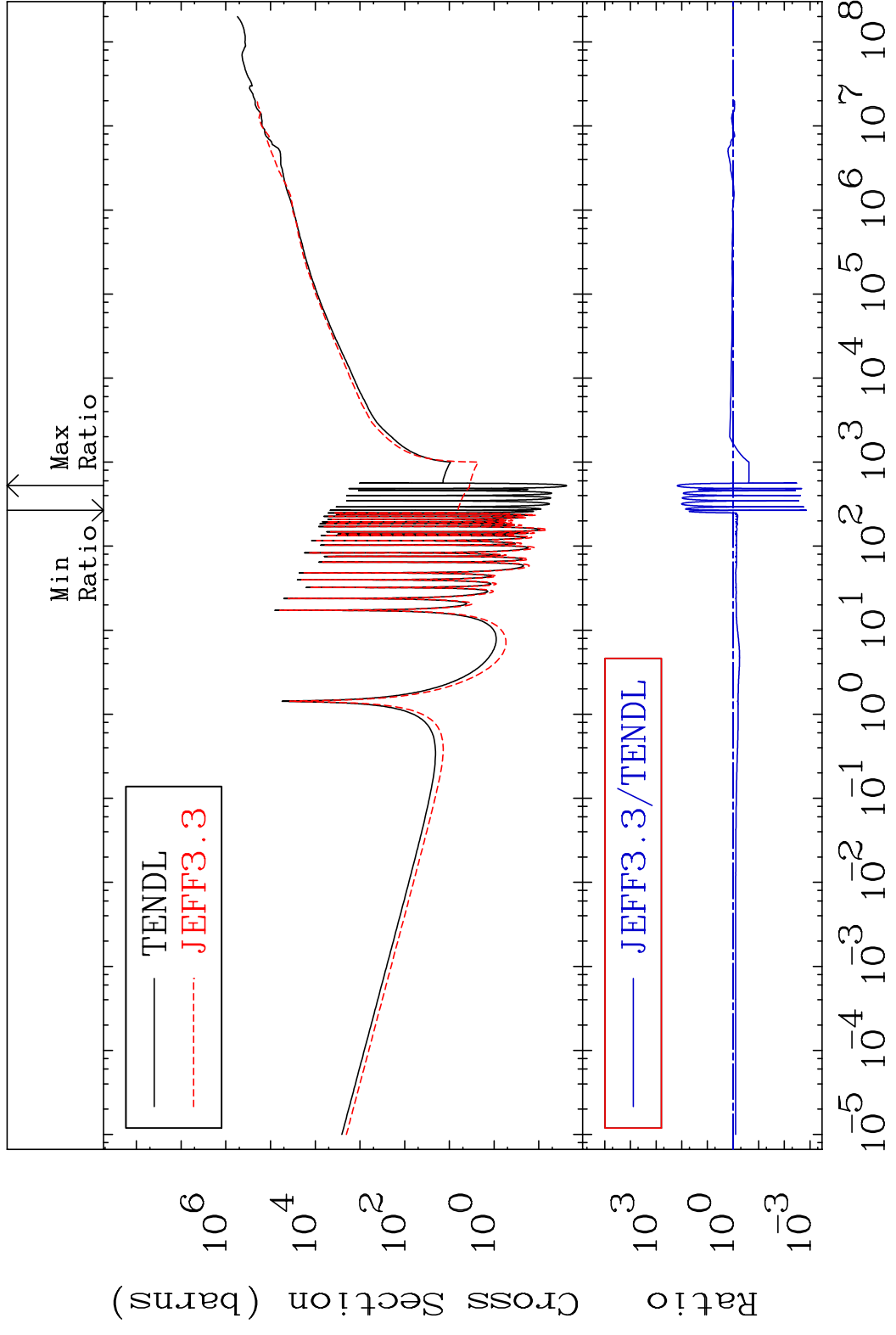
MAT 9034 Total photon (eV-barns) 90-Th-230
 Cross Section -99.82 To 9999. %



MAT 9034 Total kinematic kerma (high limit) 90-Th-230
 Cross Section -99.93 To 9999. %



MAT 9034 Dpa total (eV-barns) 90-Th-230
 Cross Section -99.86 To 9999. %

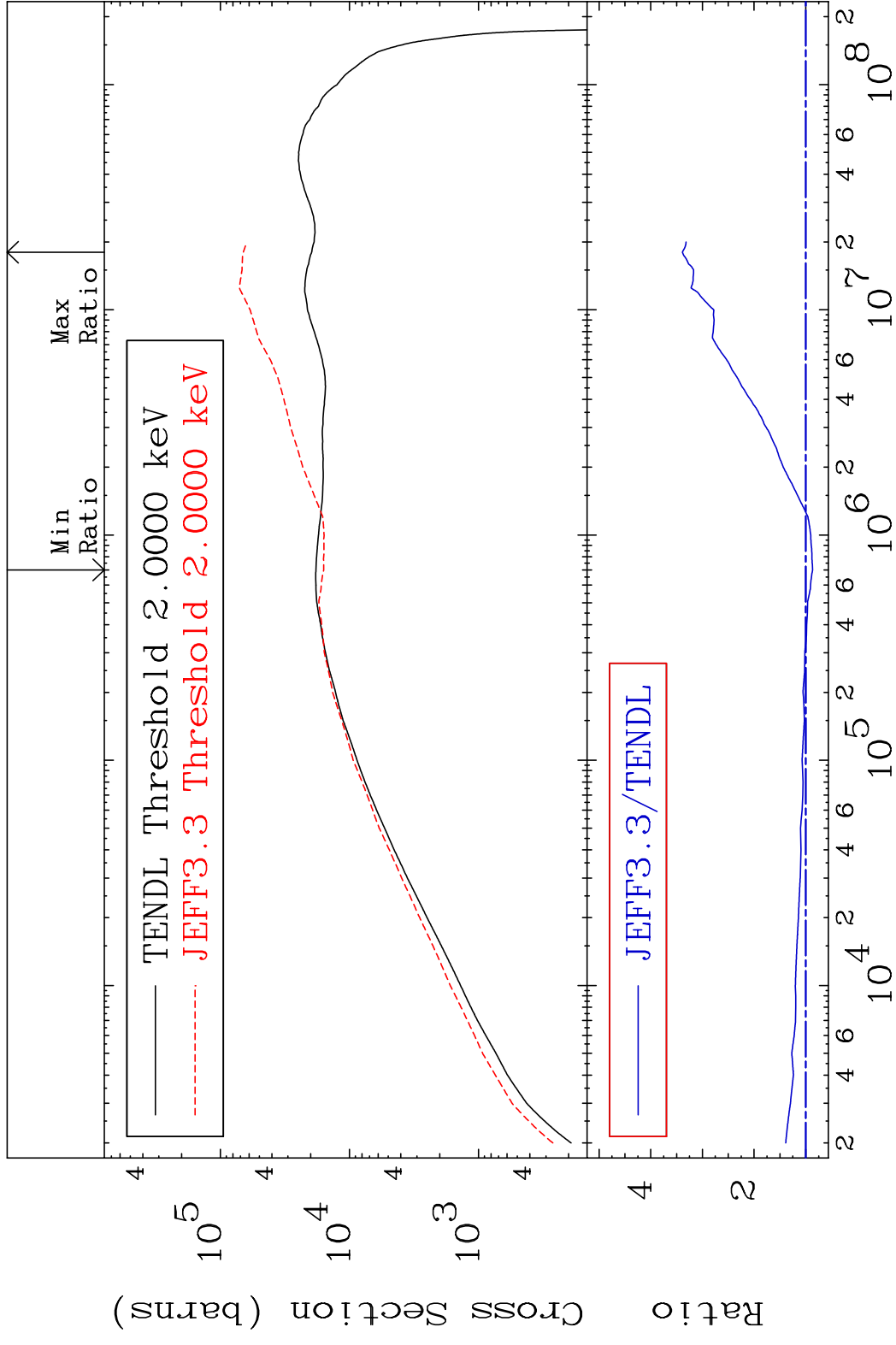


MAT 9034

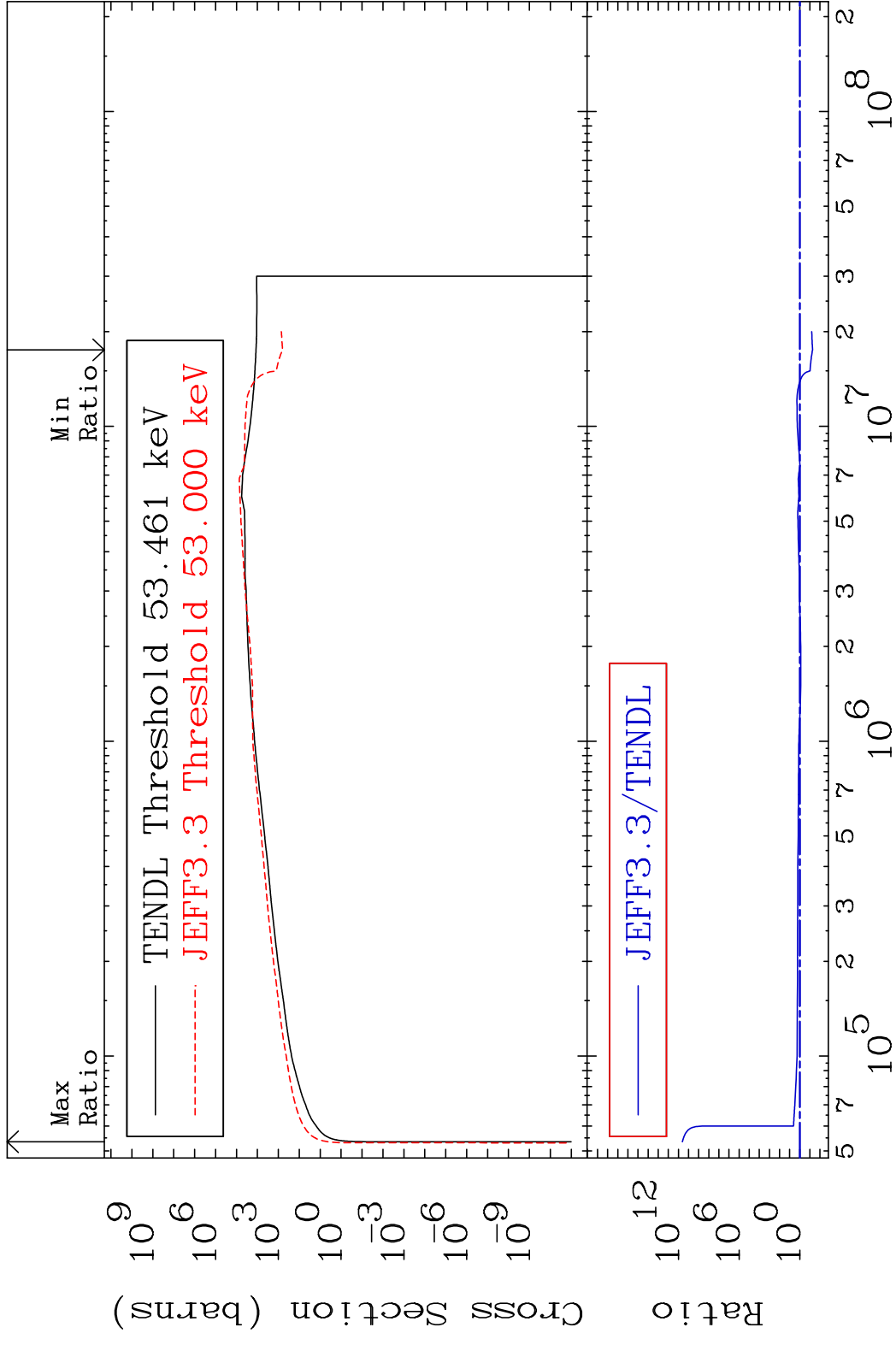
Dpa elastic (mt2)

90-Th-230

Cross Section -13.12 To 238.8 %



MAT 9034 Dpa inelastic (mt51-91) 90-Th-230
 Cross Section -94.60 To 9999. %



MAT 9034 Dpa disappearance (mt102 -120) 90-Th-230
 Cross Section -99.84 To 9999. %

