

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

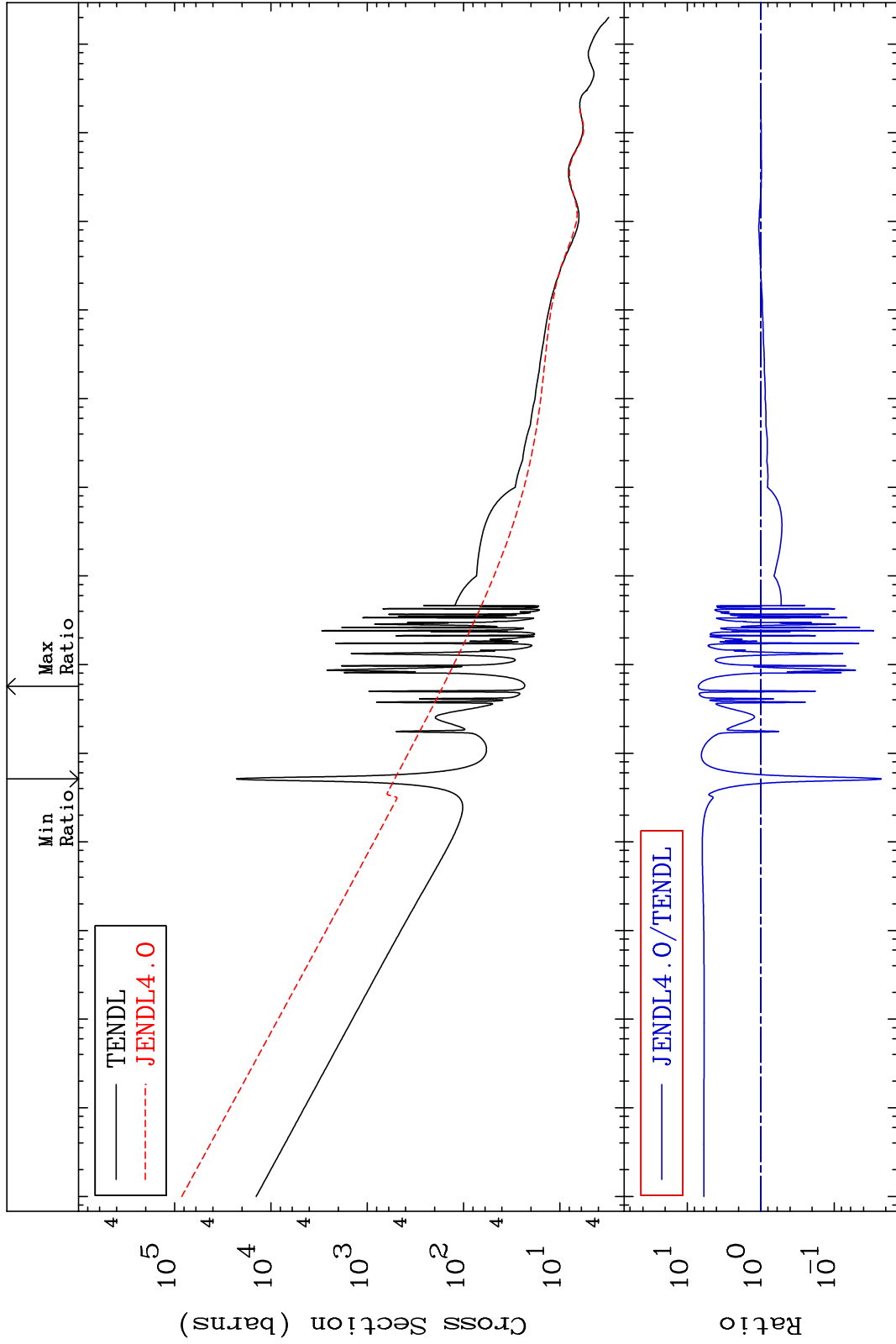
MAT 9037

Total

90-Th-231

Cross Section

-97.73 To 606.1 %



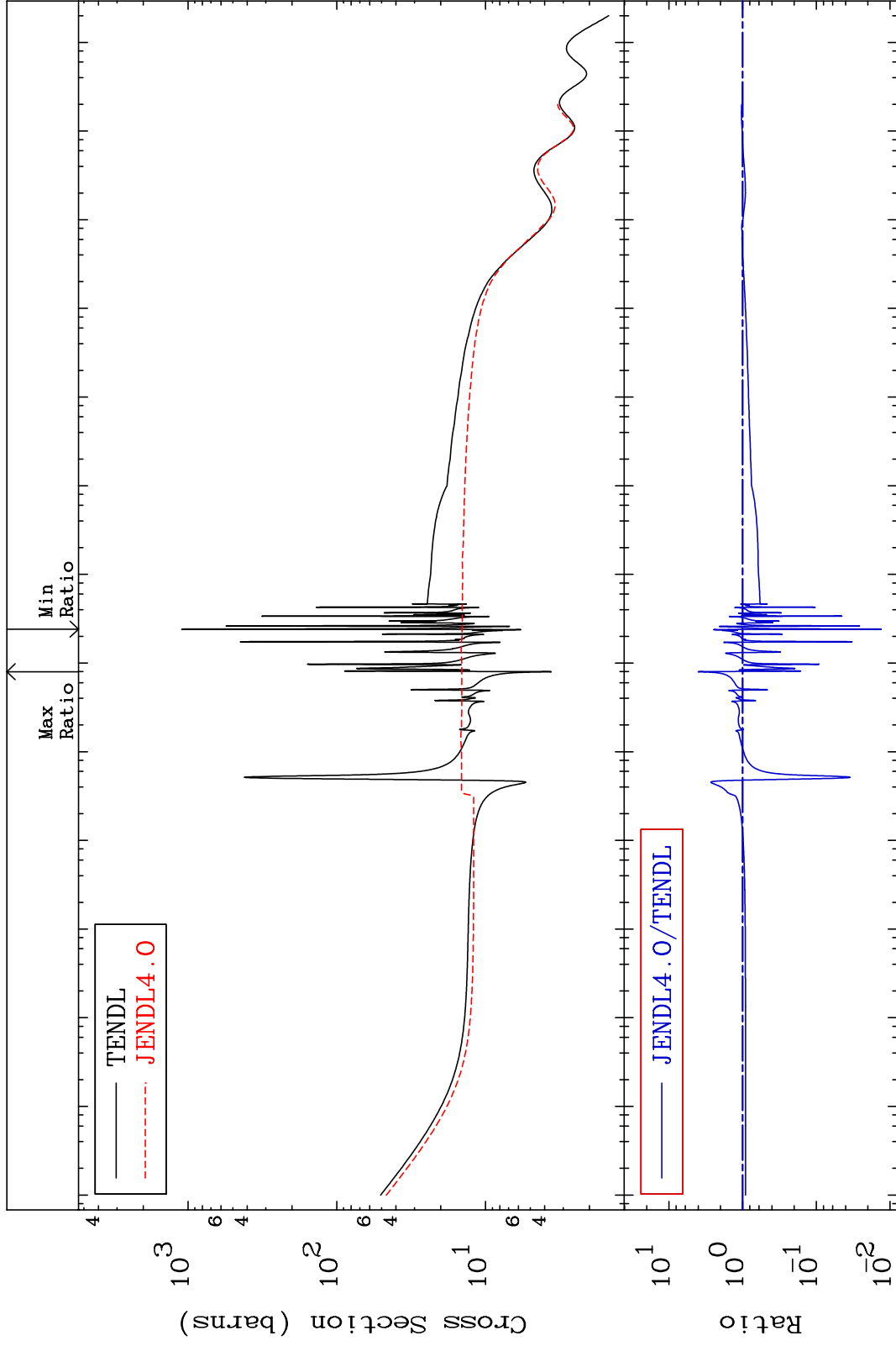
MAT 9037

Elastic

90-Th-231

Cross Section

-98.69 To 299.2 %



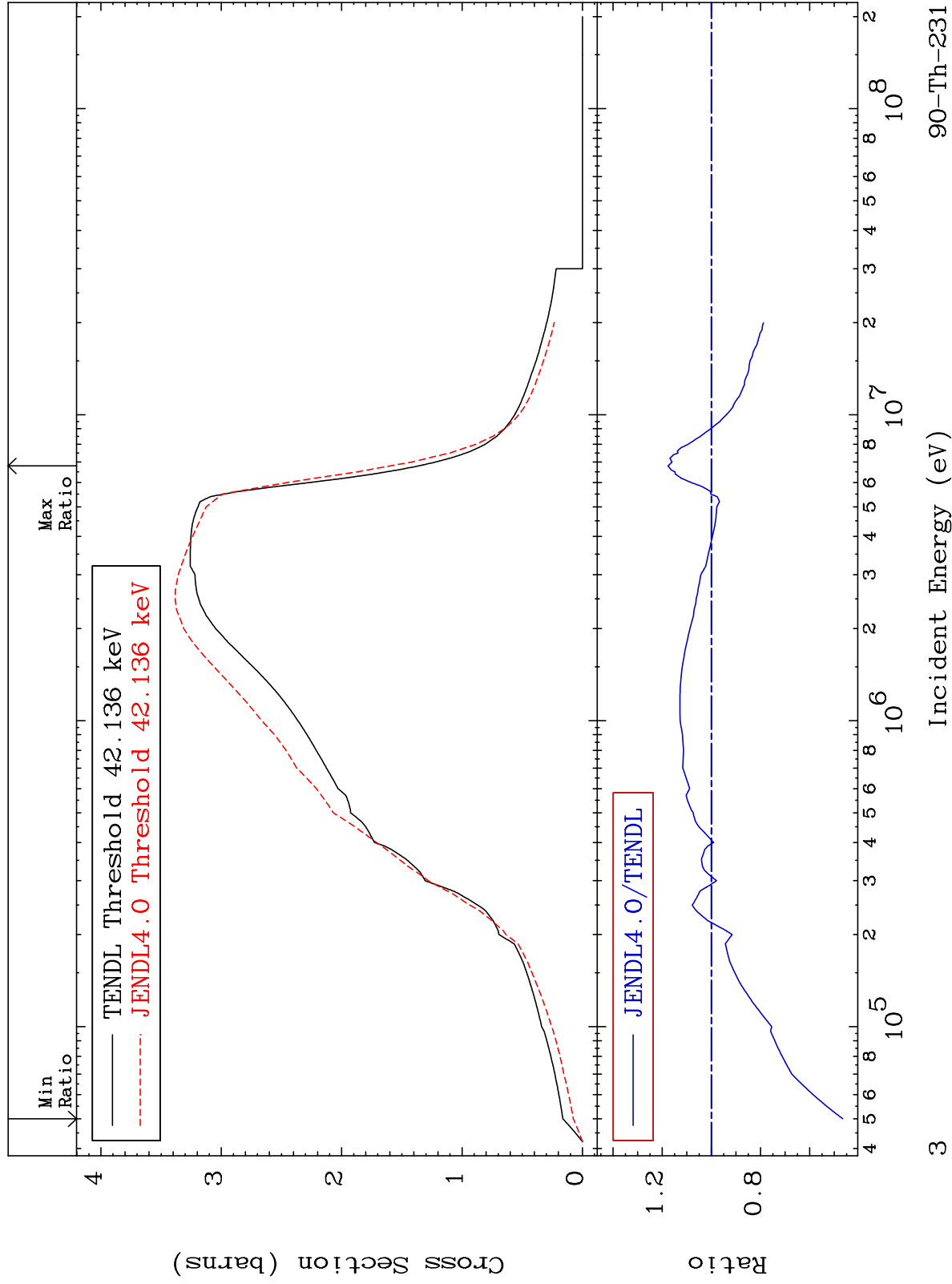
90-Th-231

Incident Energy (eV)

2

MAT 9037

Inelastic Cross Section
90-Th-231
-53.47 To 17.63 %



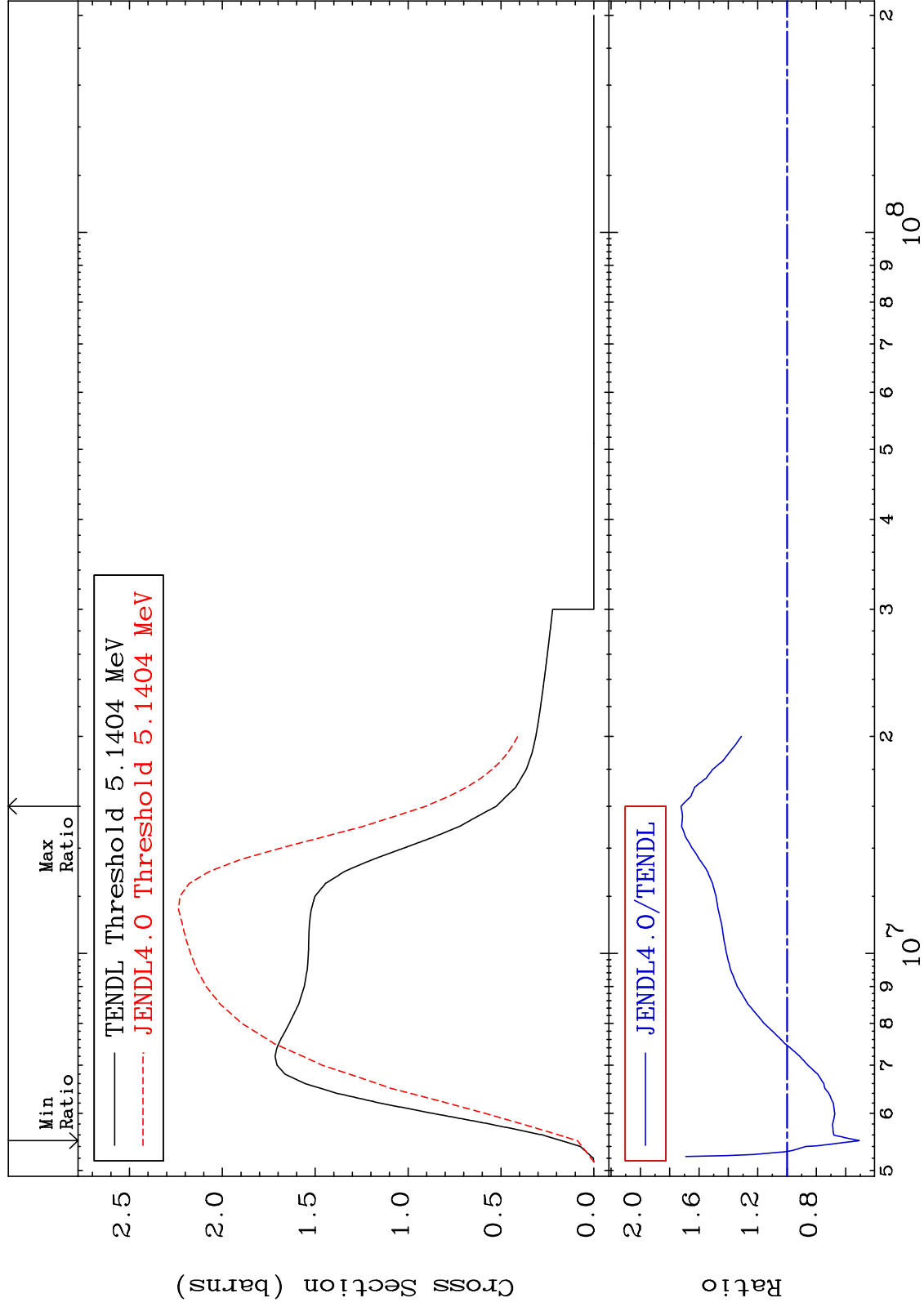
MAT 9037

(n, 2n)

90-Th-231

Cross Section

-49.29 To 72.27 %



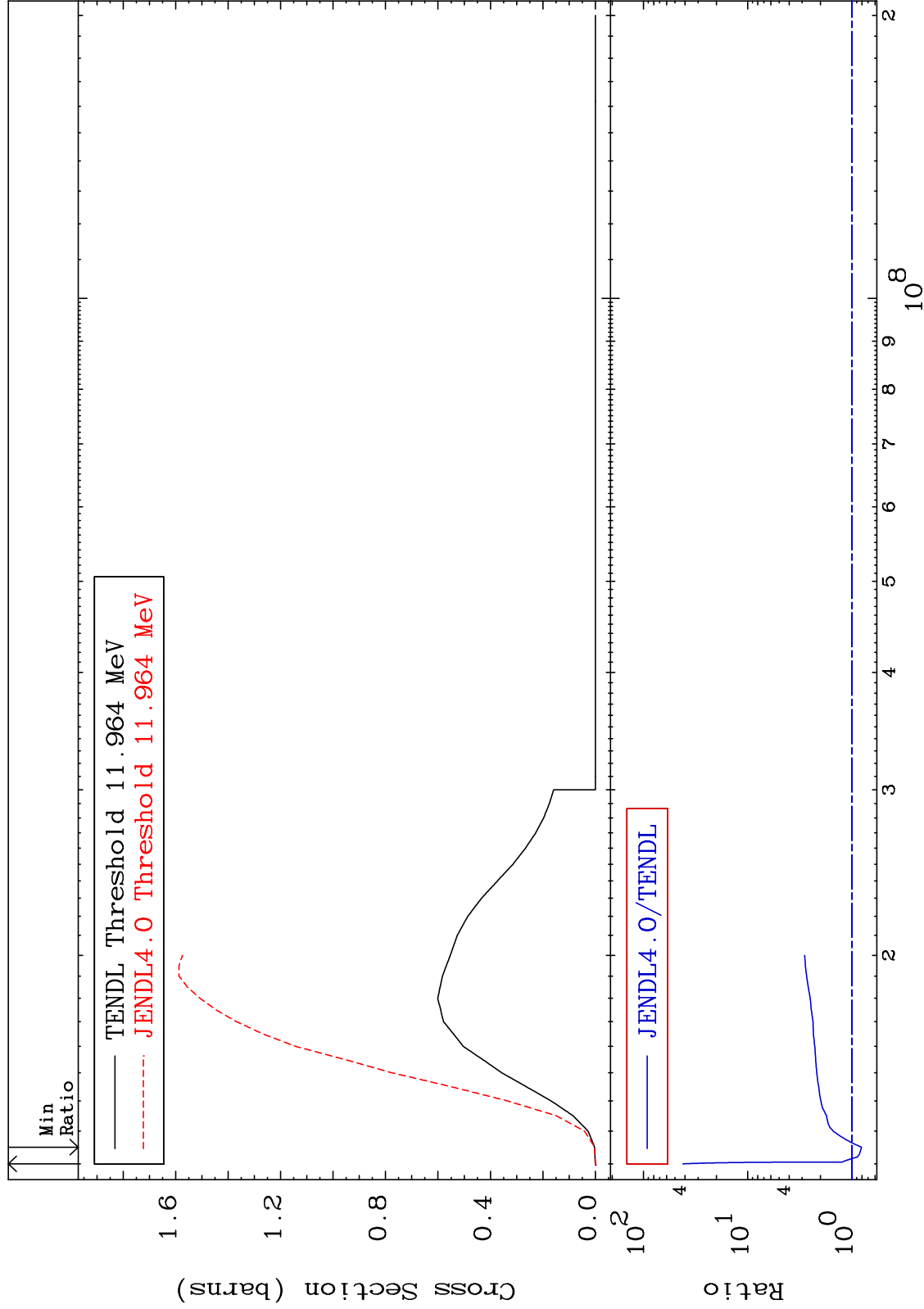
MAT 9037

(n,3n)

90-Th-231

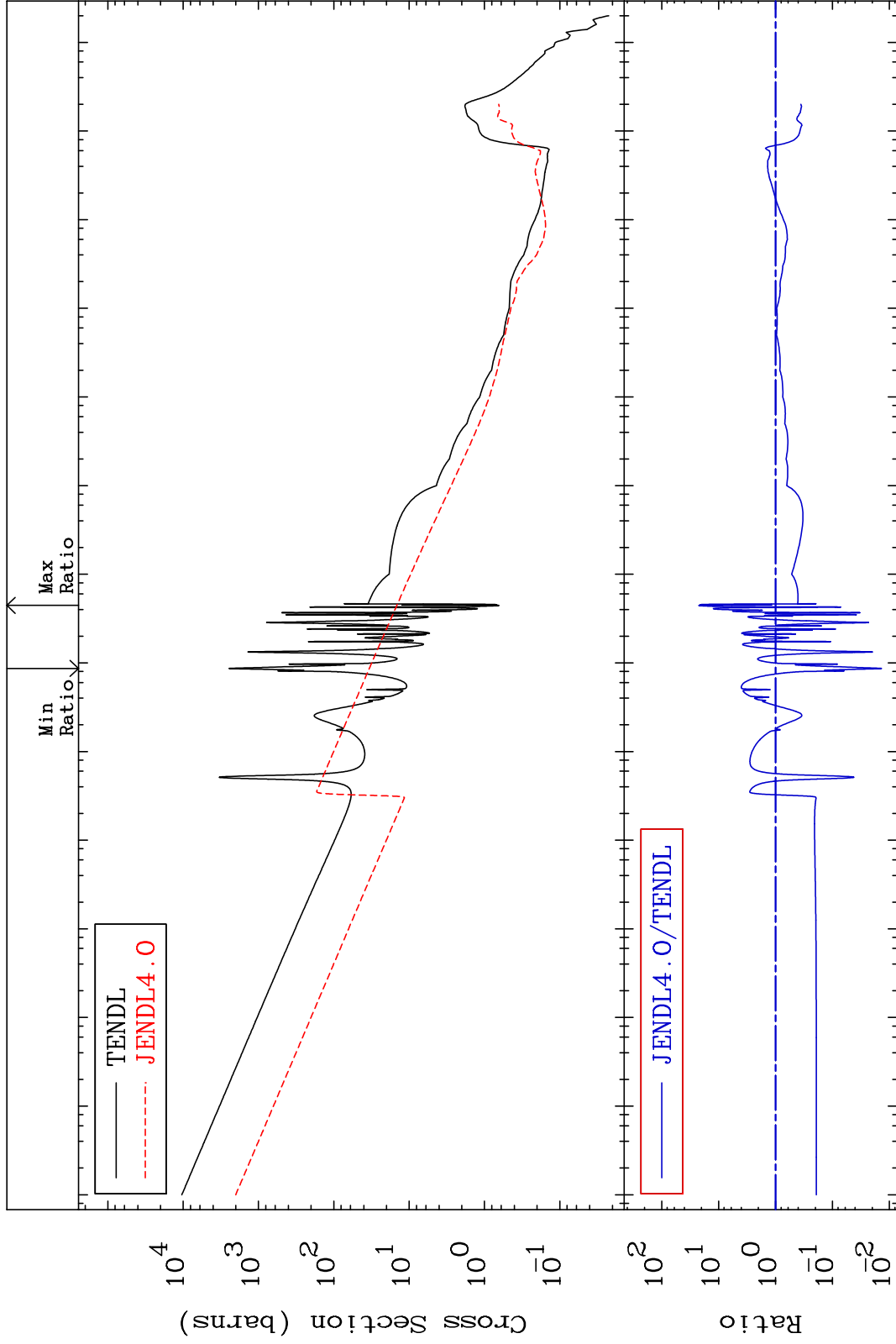
Cross Section

-19.26 To 4093. %



MAT 9037

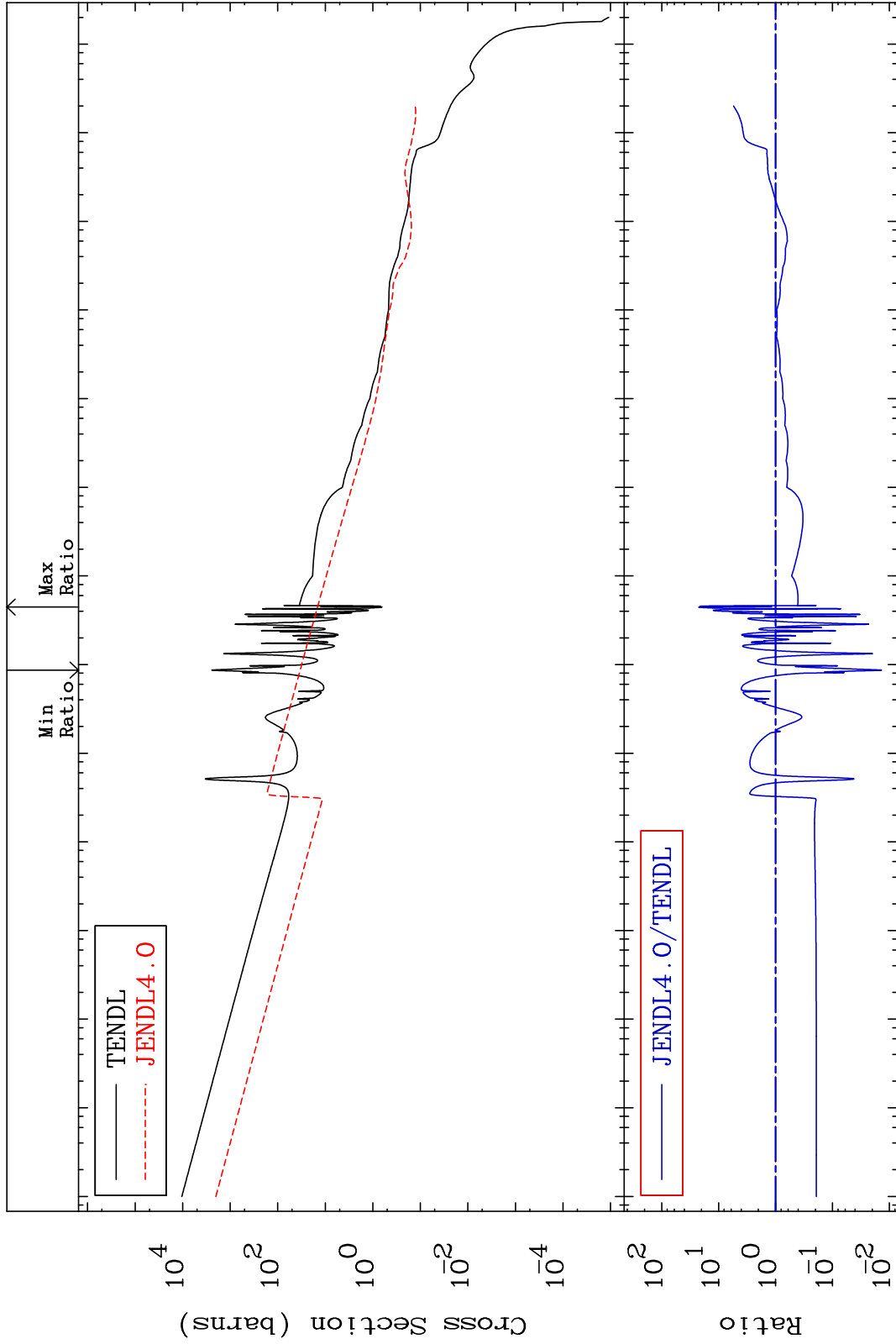
Fission Cross Section
90-Th-231
-98.62 To 2168. %



MAT 9037

(n,f) First Chance
Cross Section

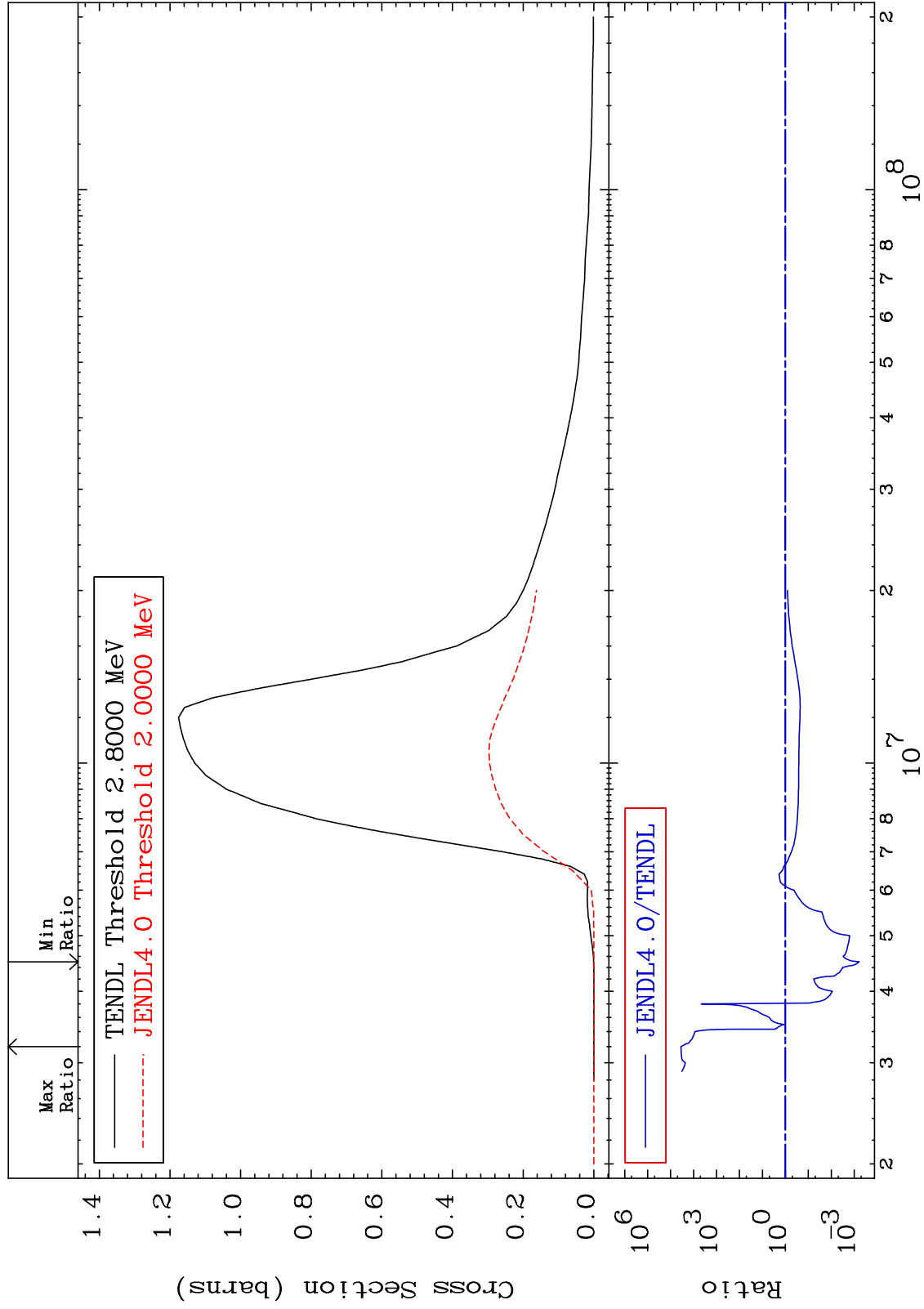
90-Th-231
-98.62 To 2168. %



MAT 9037

(n, nf) Second Chance
Cross Section

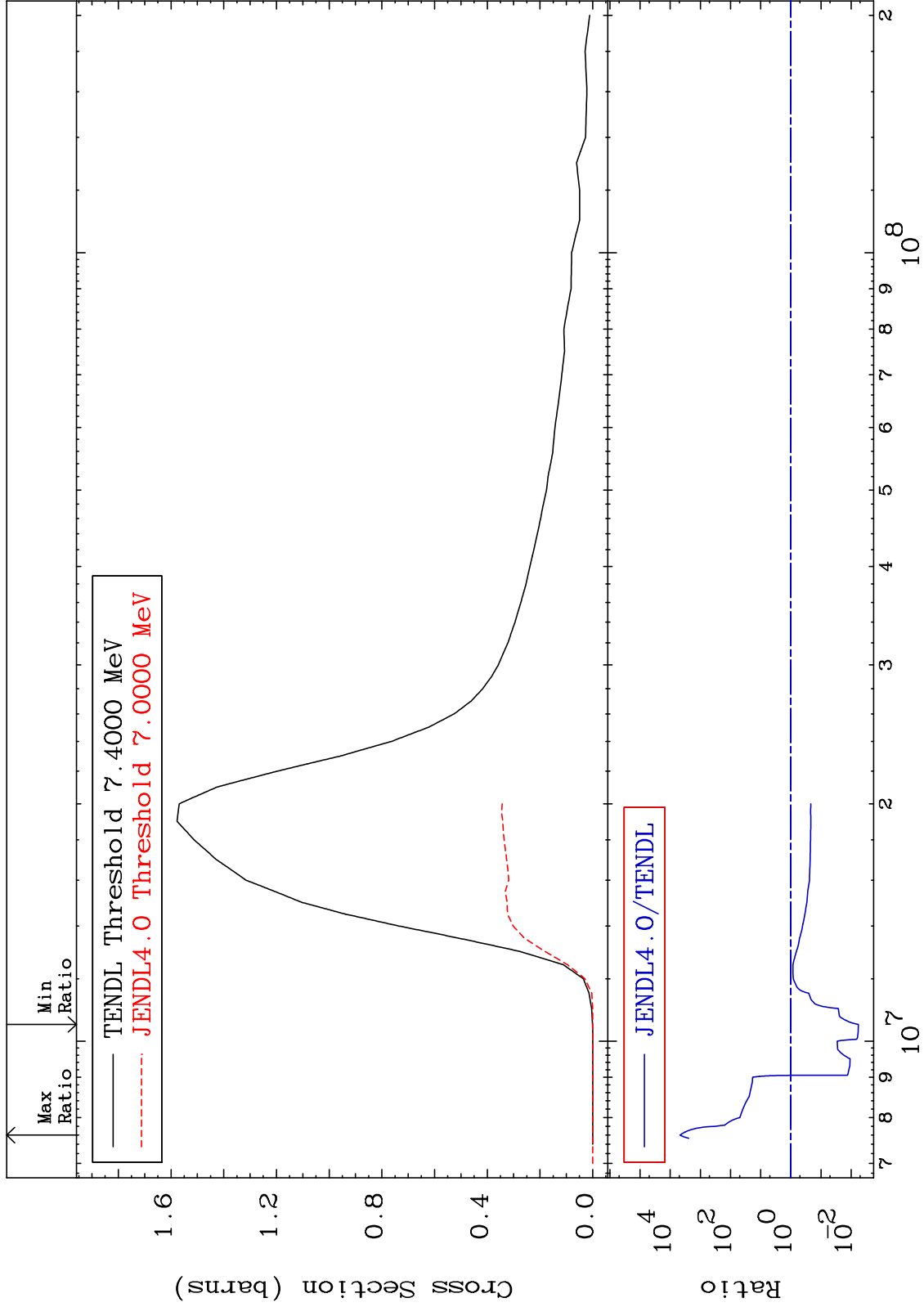
90-Th-231
-99.94 To 9999. %



MAT 9037

(n,2nf) Third Chance
Cross Section

90-Th-231
-99.43 To 9999. %



9

Incident Energy (eV)

90-Th-231

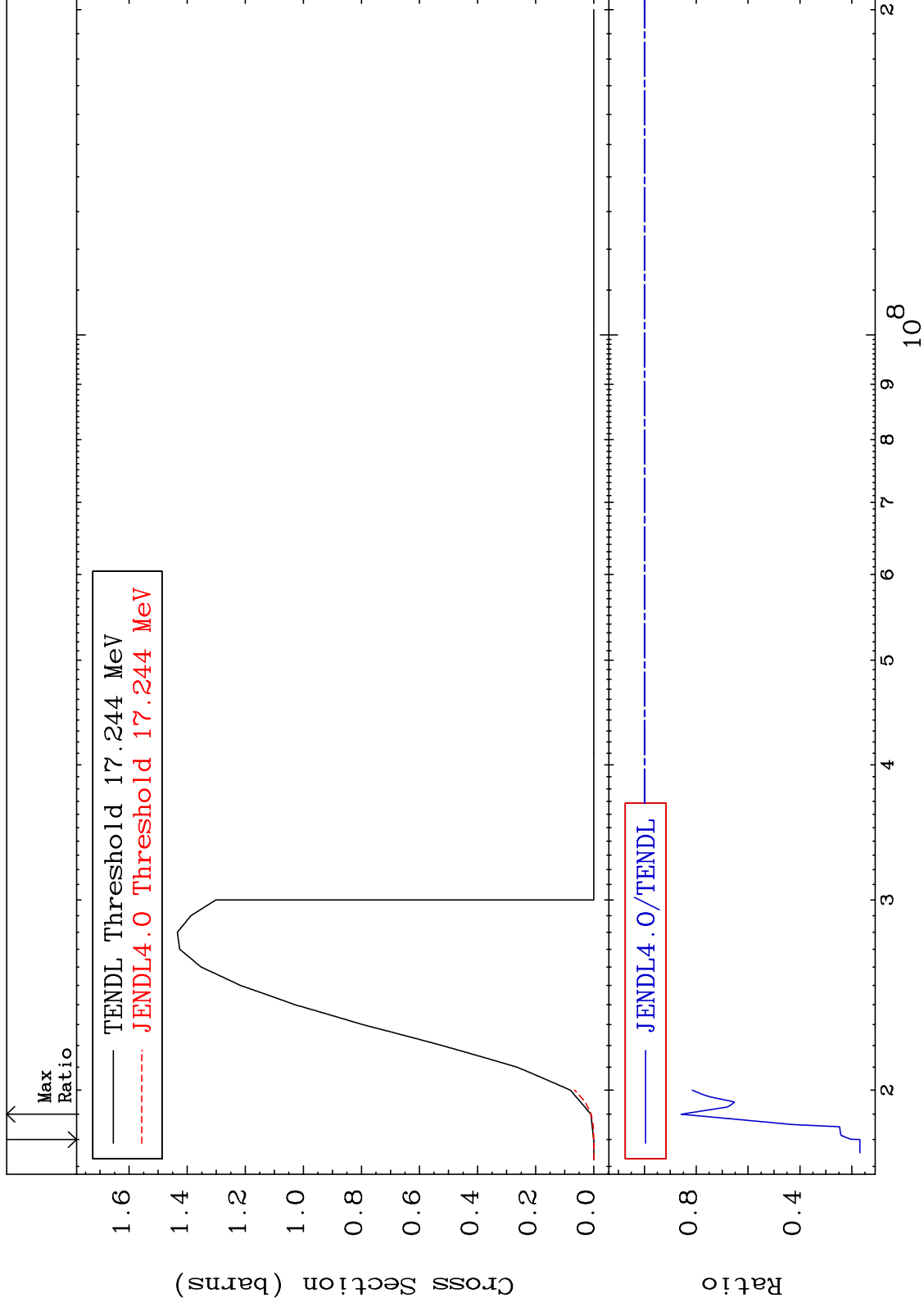
MAT 9037

(n, 4n)

90-Th-231

Cross Section

-83.12 To -14.21%



10

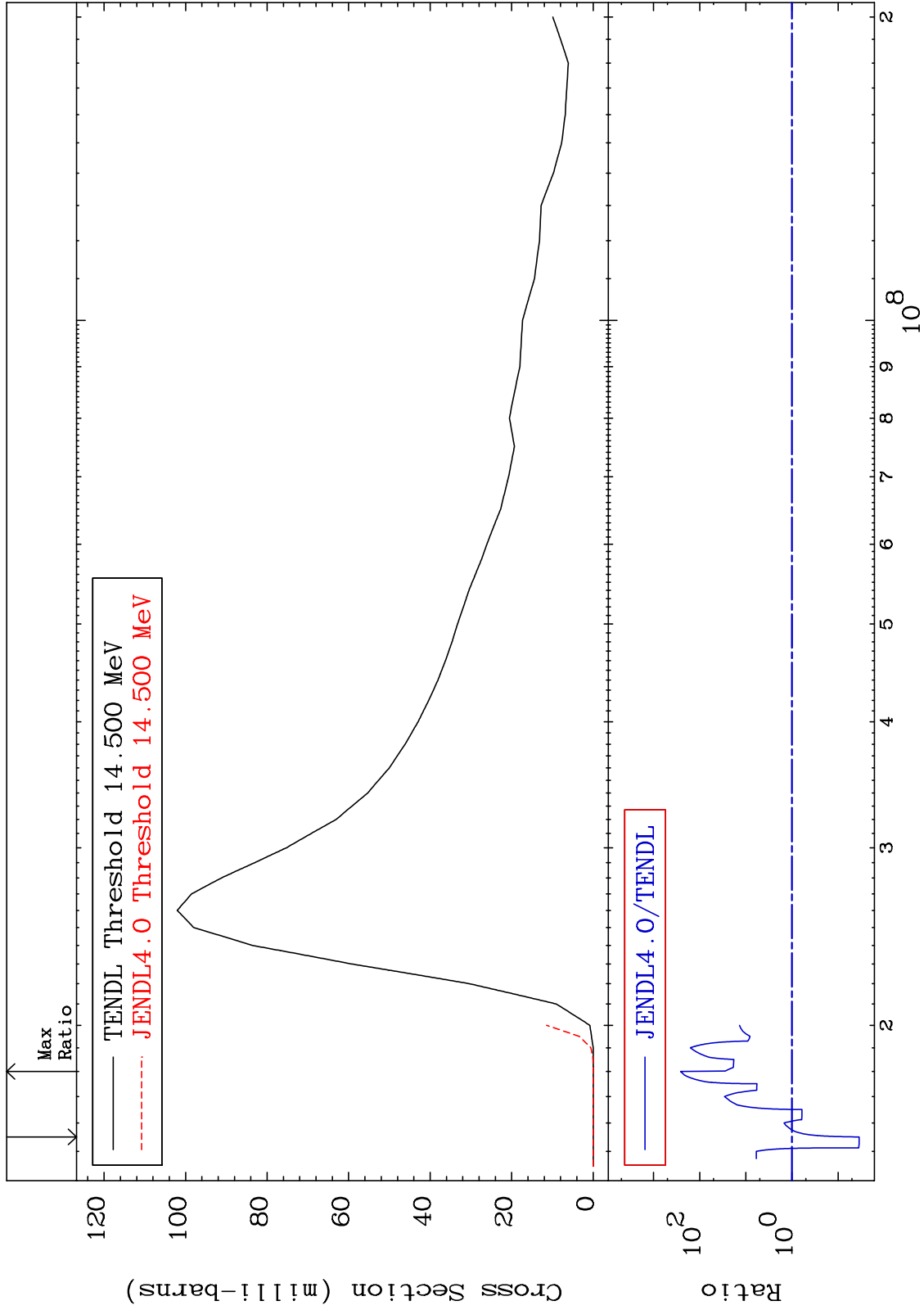
Incident Energy (eV)

90-Th-231

MAT 9037

(n,3nf) Fourth Chance
Cross Section

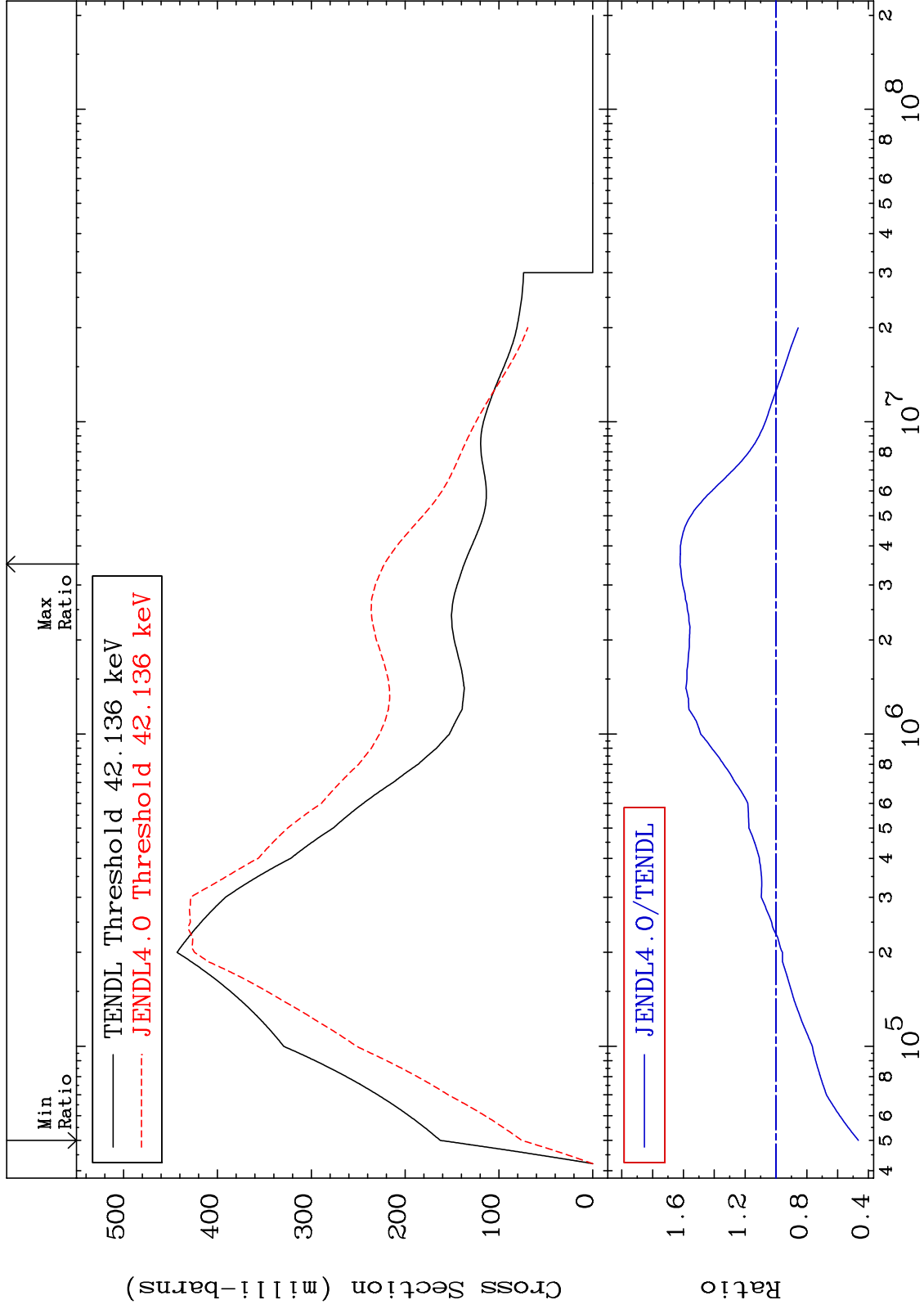
90-Th-231
-96.50 To 9999. %



MAT 9037

MT= 51 (n,n') Level
Cross Section

90-Th-231
-53.47 To 62.22 %



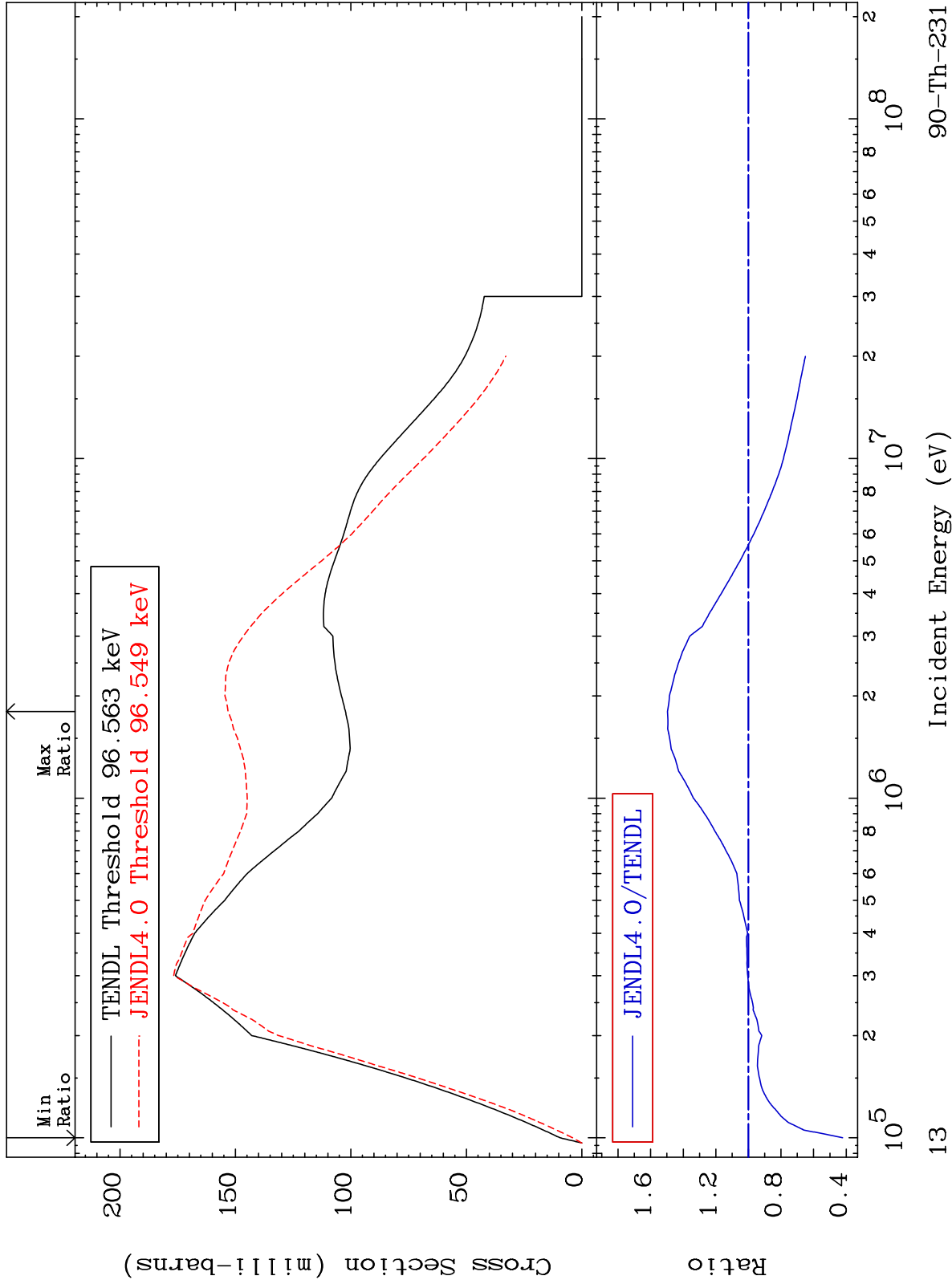
12

90-Th-231

MAT 9037

MT= 52 (n,n') Level
Cross Section

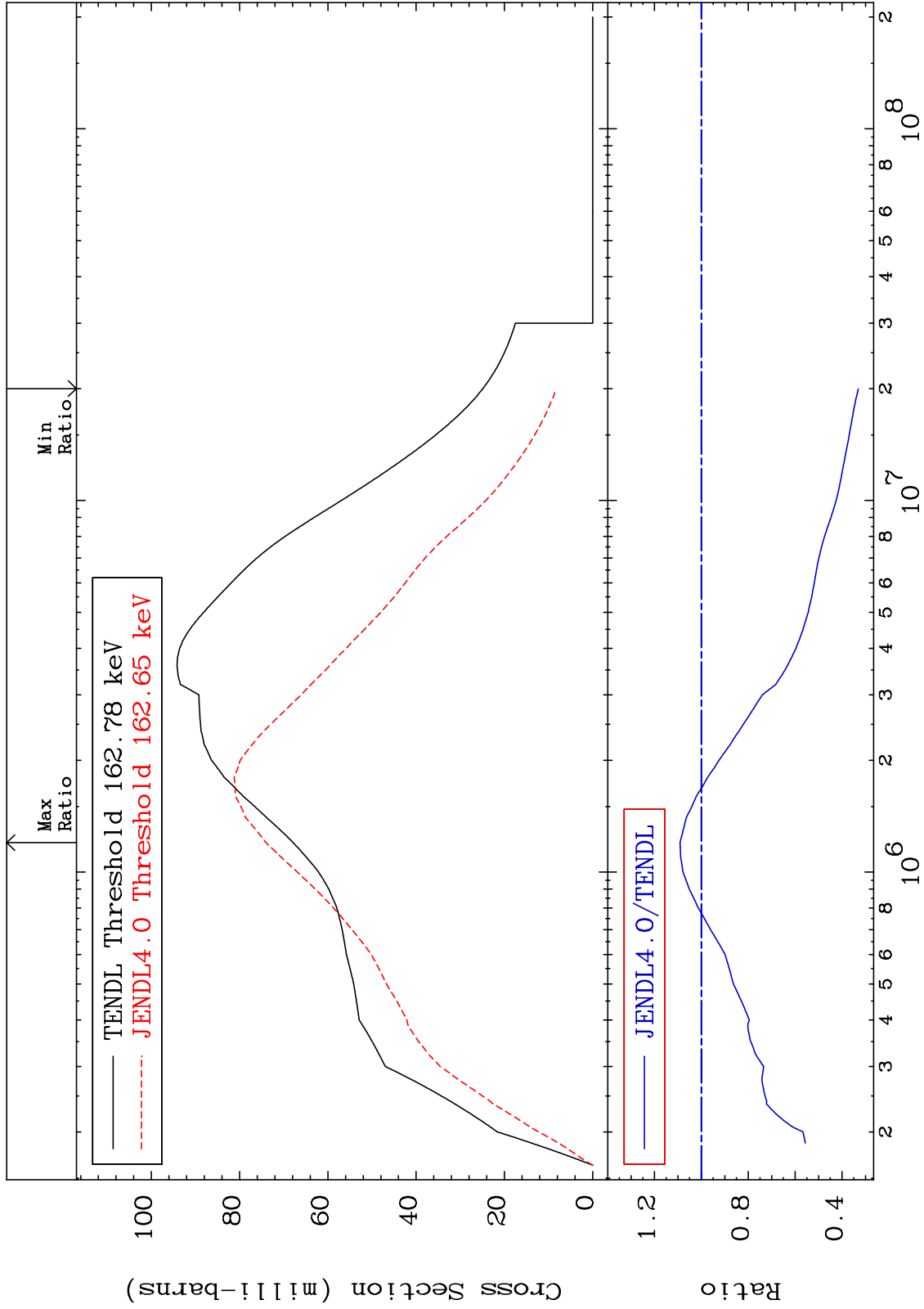
90-Th-231
-57.83 To 49.62 %



MAT 9037

MT= 53 (n,n') Level
Cross Section

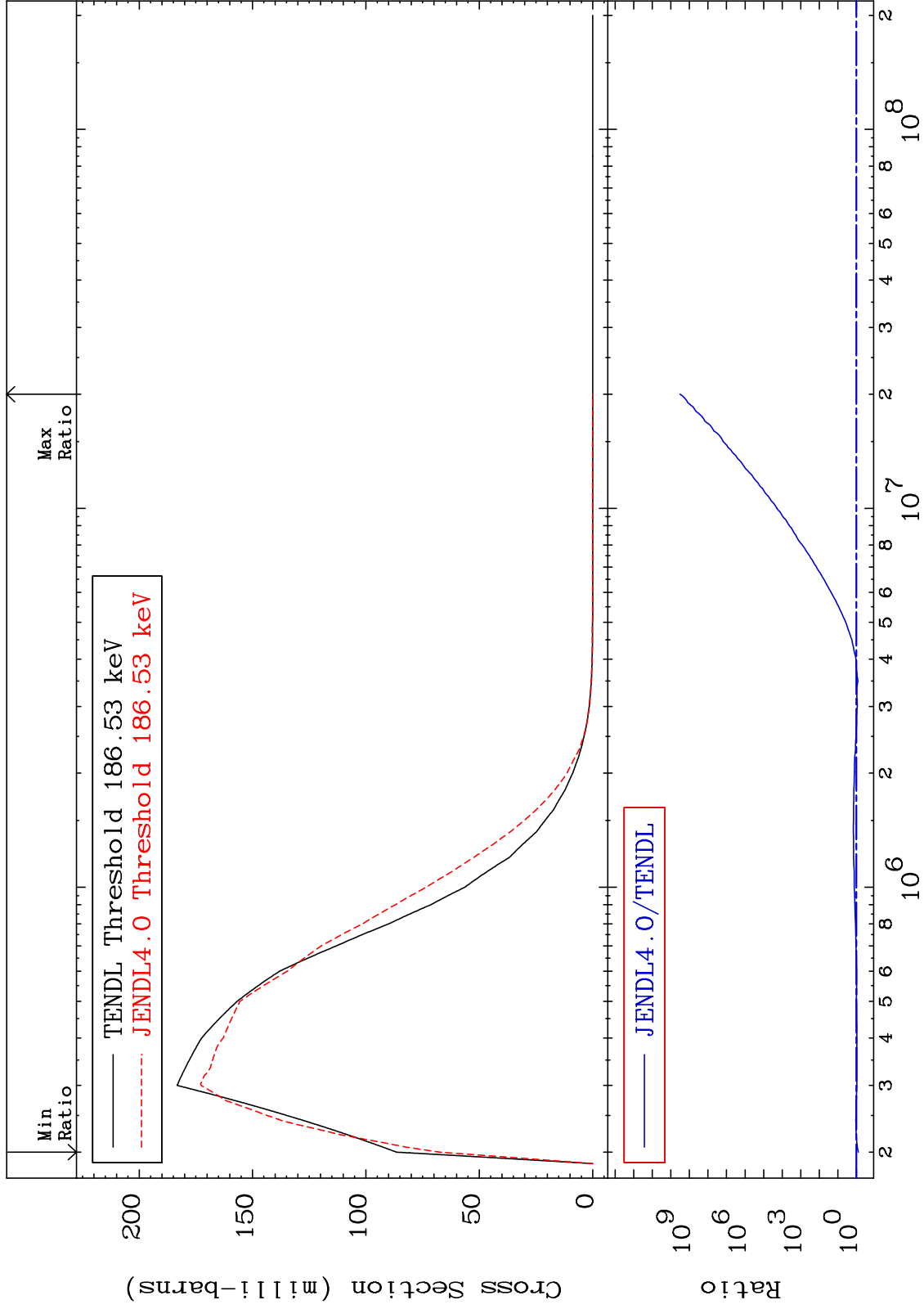
90-Th-231
-66.99 To 9.109 %



MAT 9037

MT= 54 (n,n') Level
Cross Section

90-Th-231
-21.83 To 9999. %



15

Incident Energy (eV)

90-Th-231

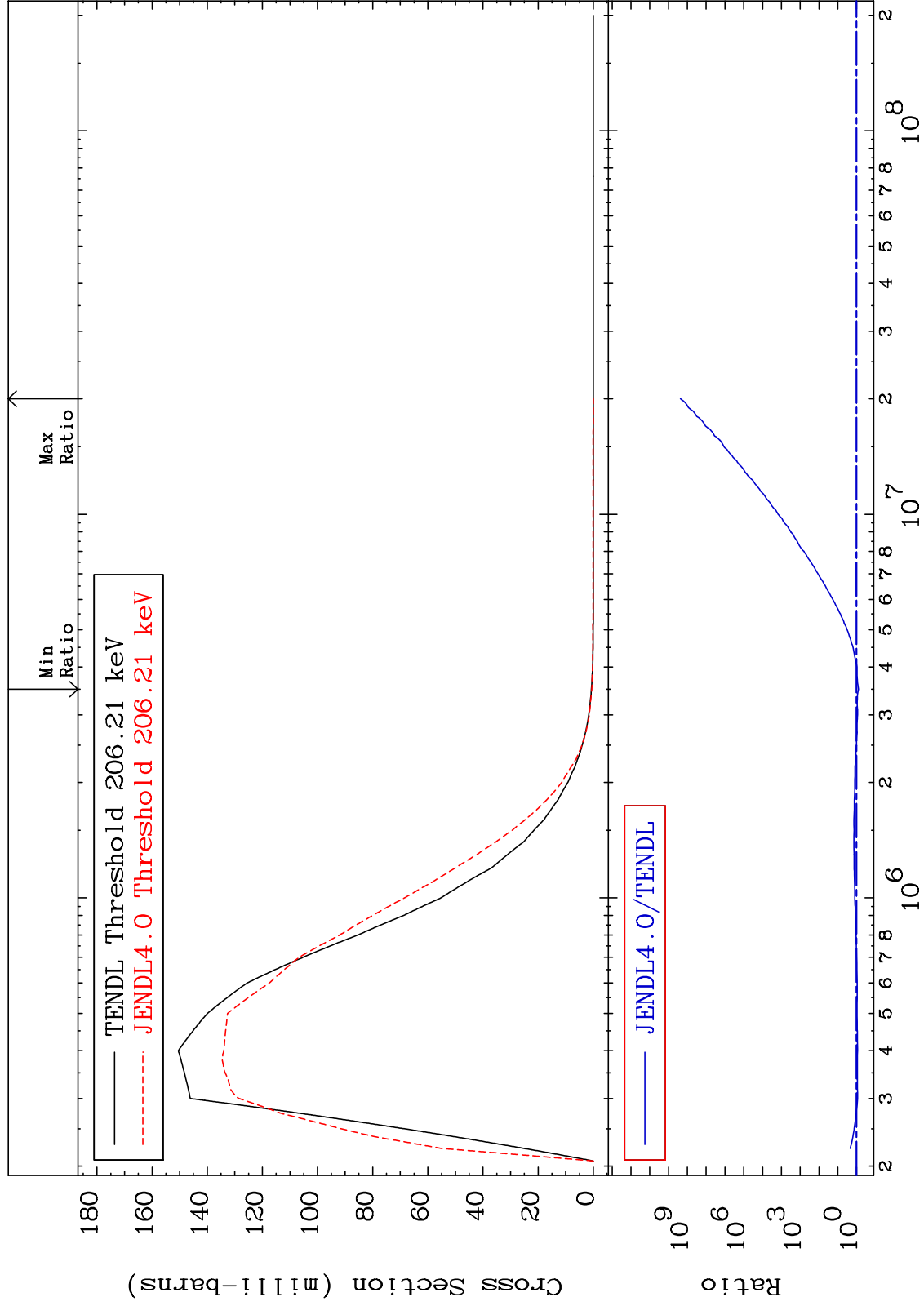
MAT 9037

MT= 55 (n,n') Level

90-Th-231

-21.16 To 9999. %

Cross Section



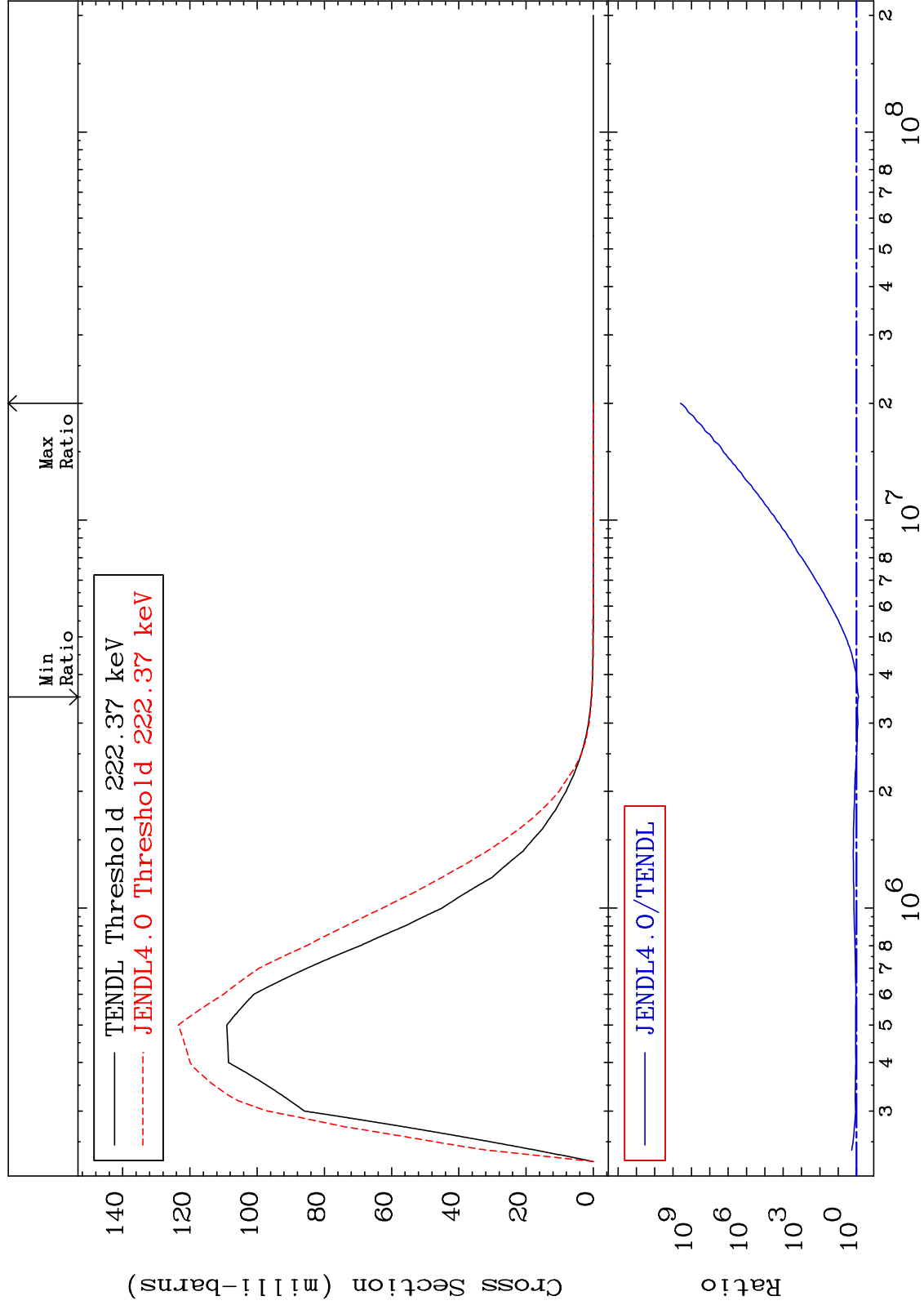
MAT 9037

MT= 56 (n,n') Level

90-Th-231

-21.81 To 9999. %

Cross Section



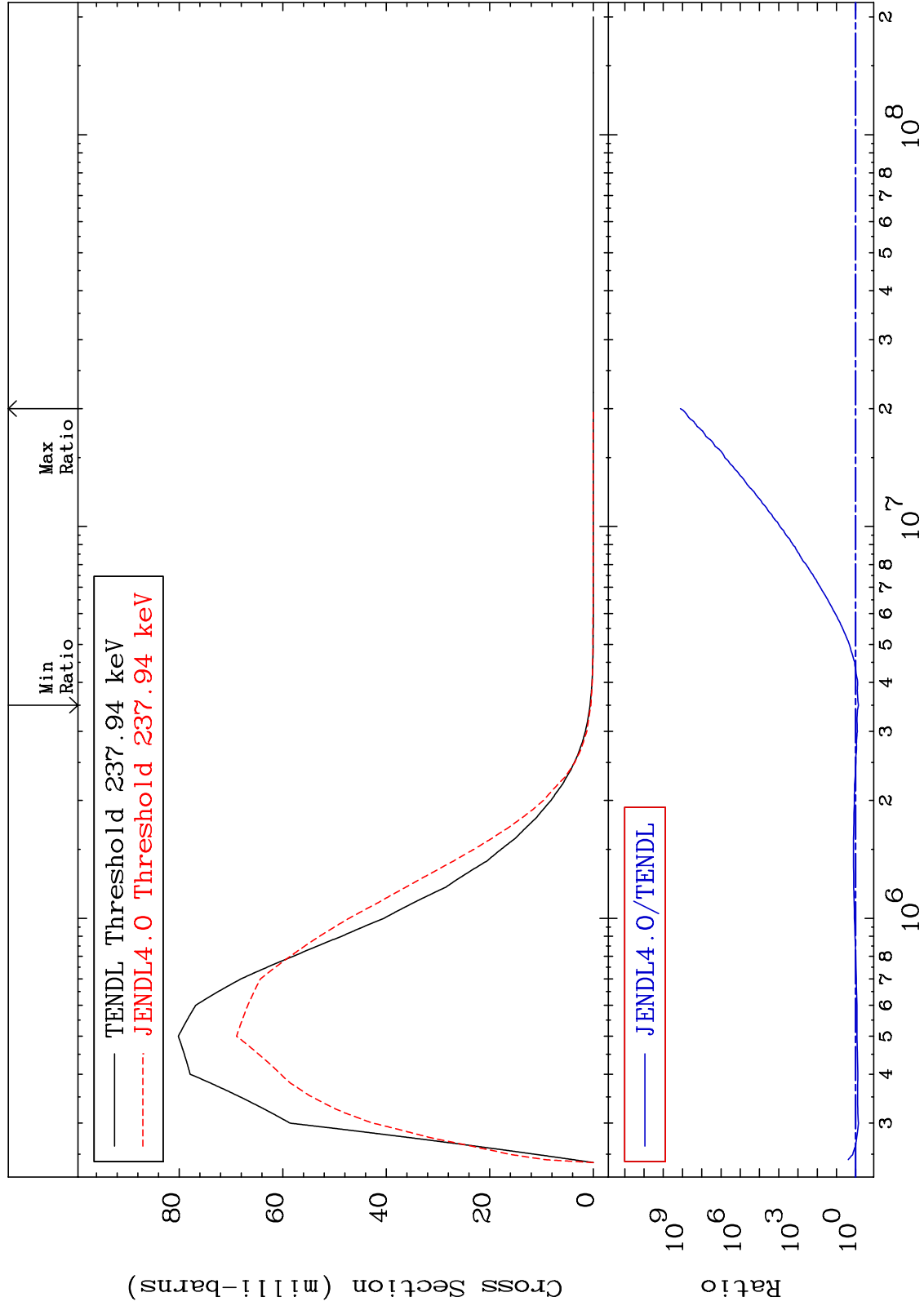
MAT 9037

MT= 57 (n,n') Level

90-Th-231

-28.45 To 9999. %

Cross Section



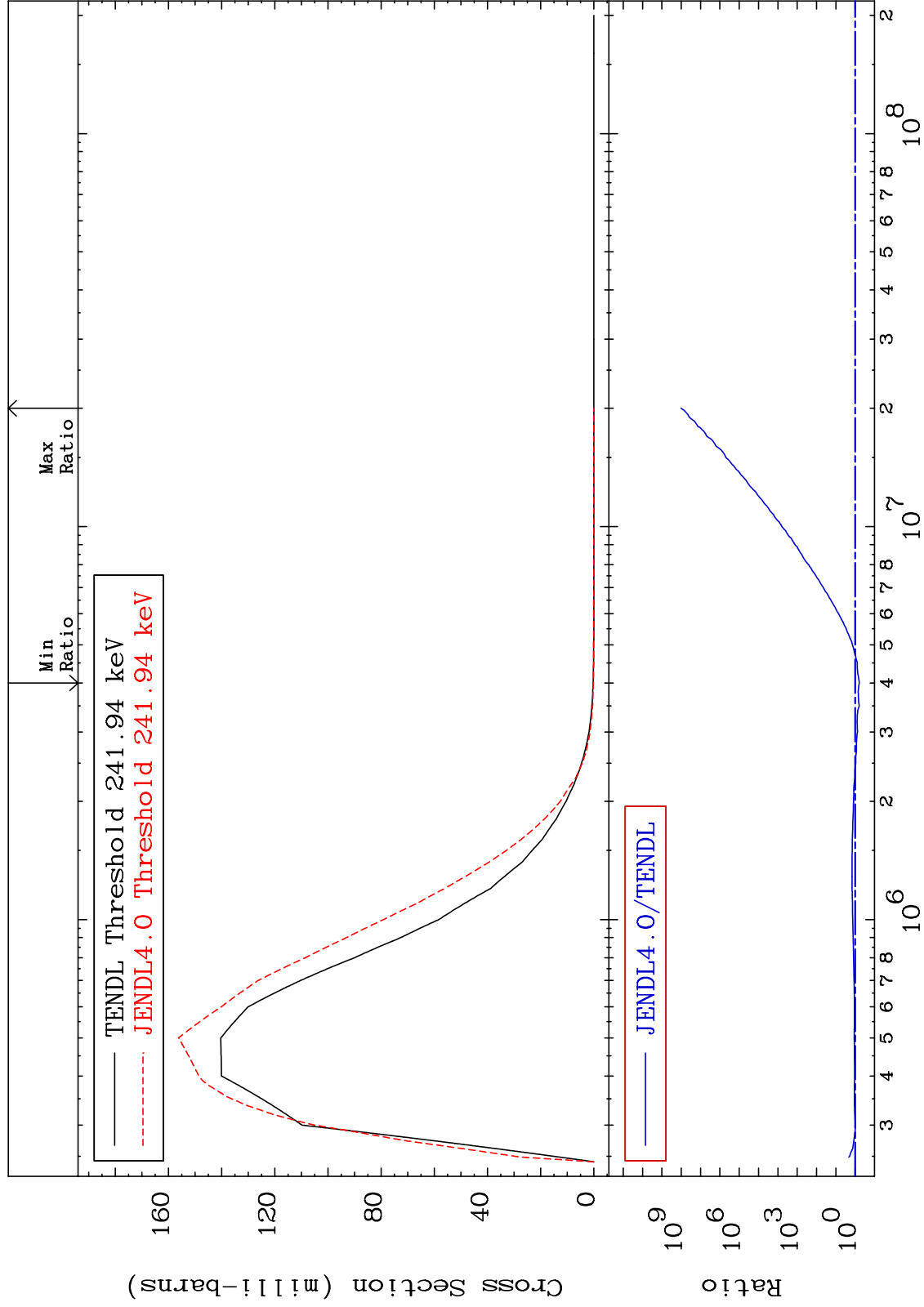
MAT 9037

MT= 58 (n,n') Level

90-Th-231

-38.76 To 9999. %

Cross Section



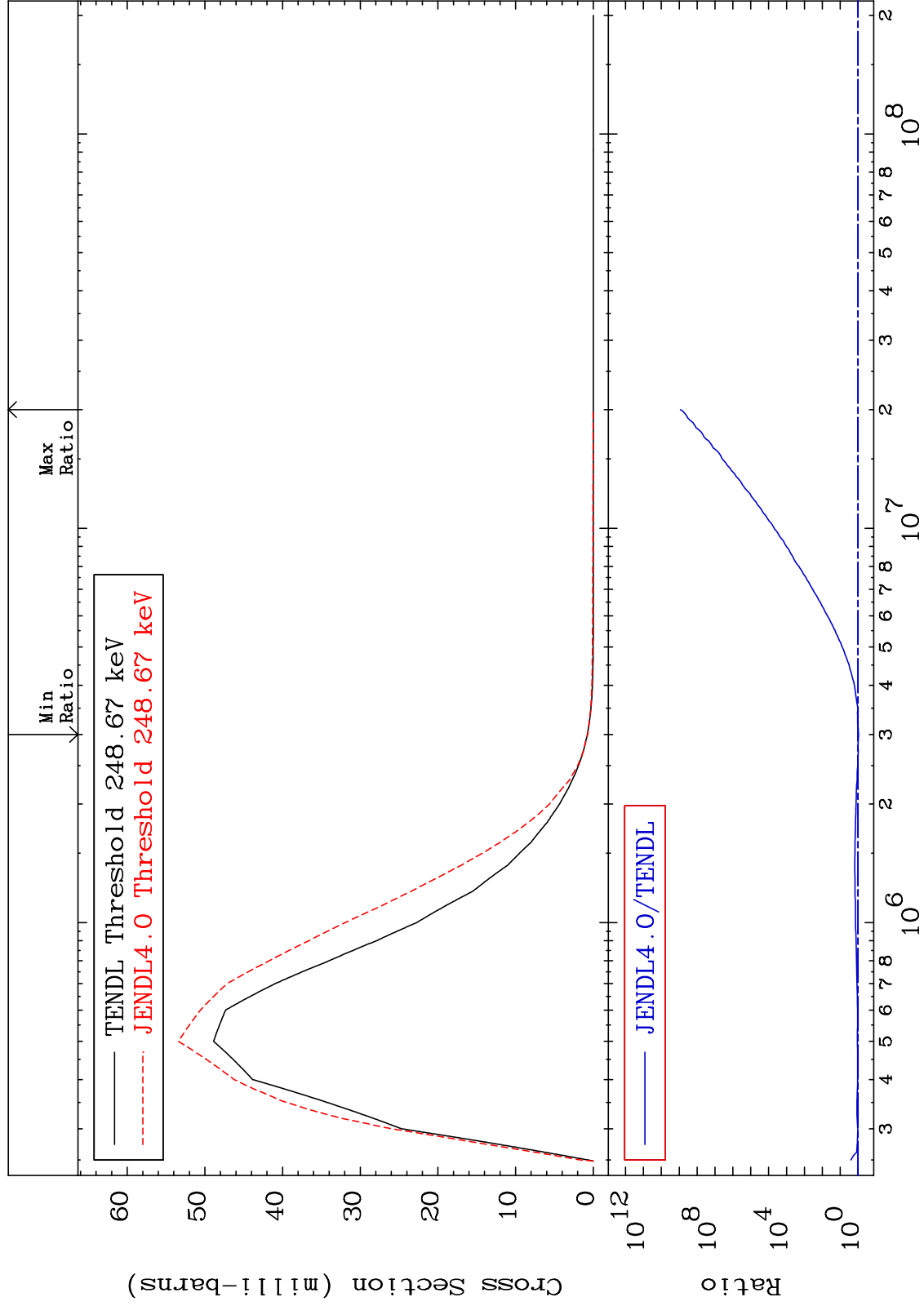
MAT 9037

MT= 59 (n,n') Level

90-Th-231

-5.036 To 9999. %

Cross Section



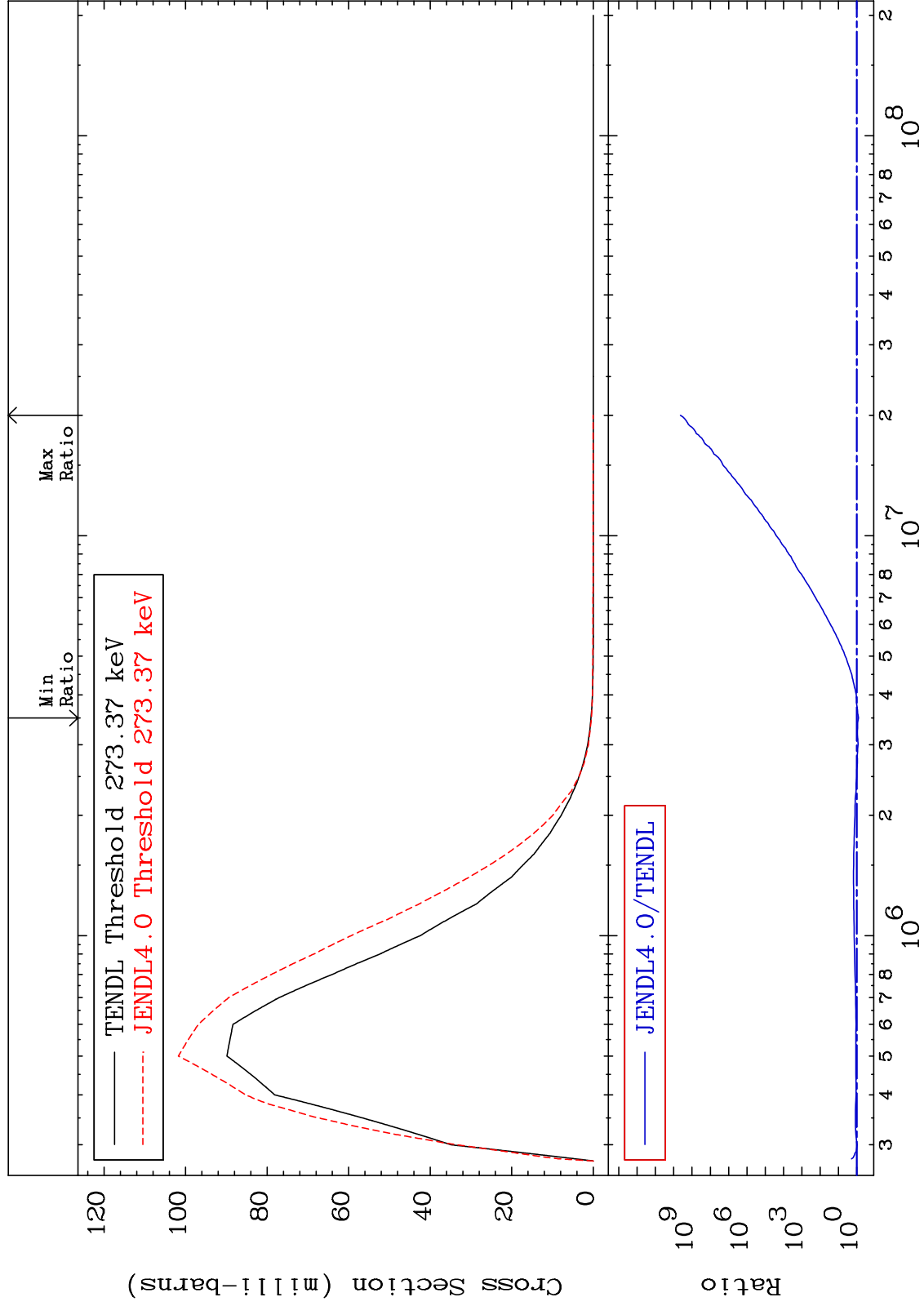
MAT 9037

MT= 60 (n,n') Level

90-Th-231

-19.84 To 9999. %

Cross Section



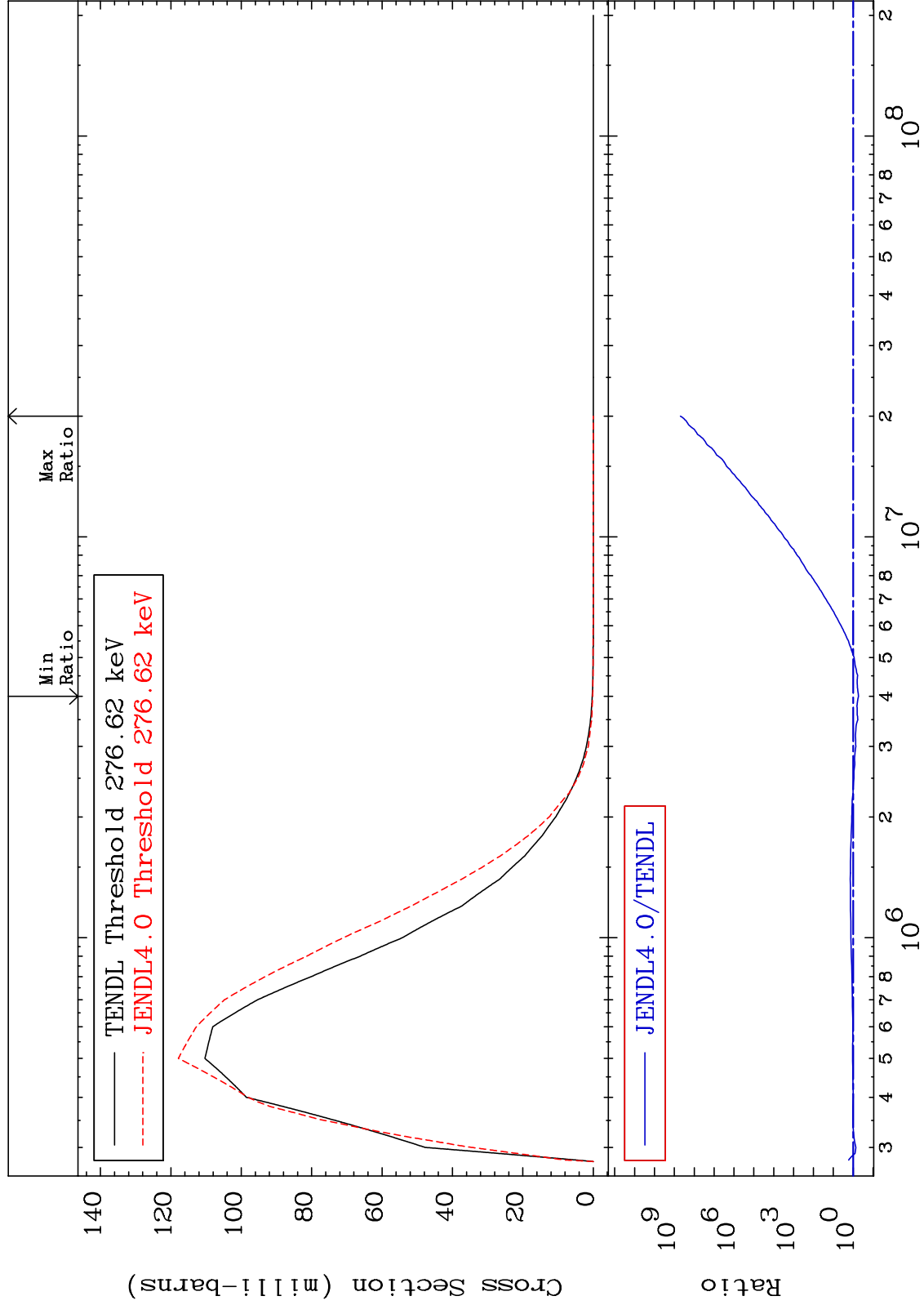
MAT 9037

MT= 61 (n,n') Level

90-Th-231

-46.17 To 9999. %

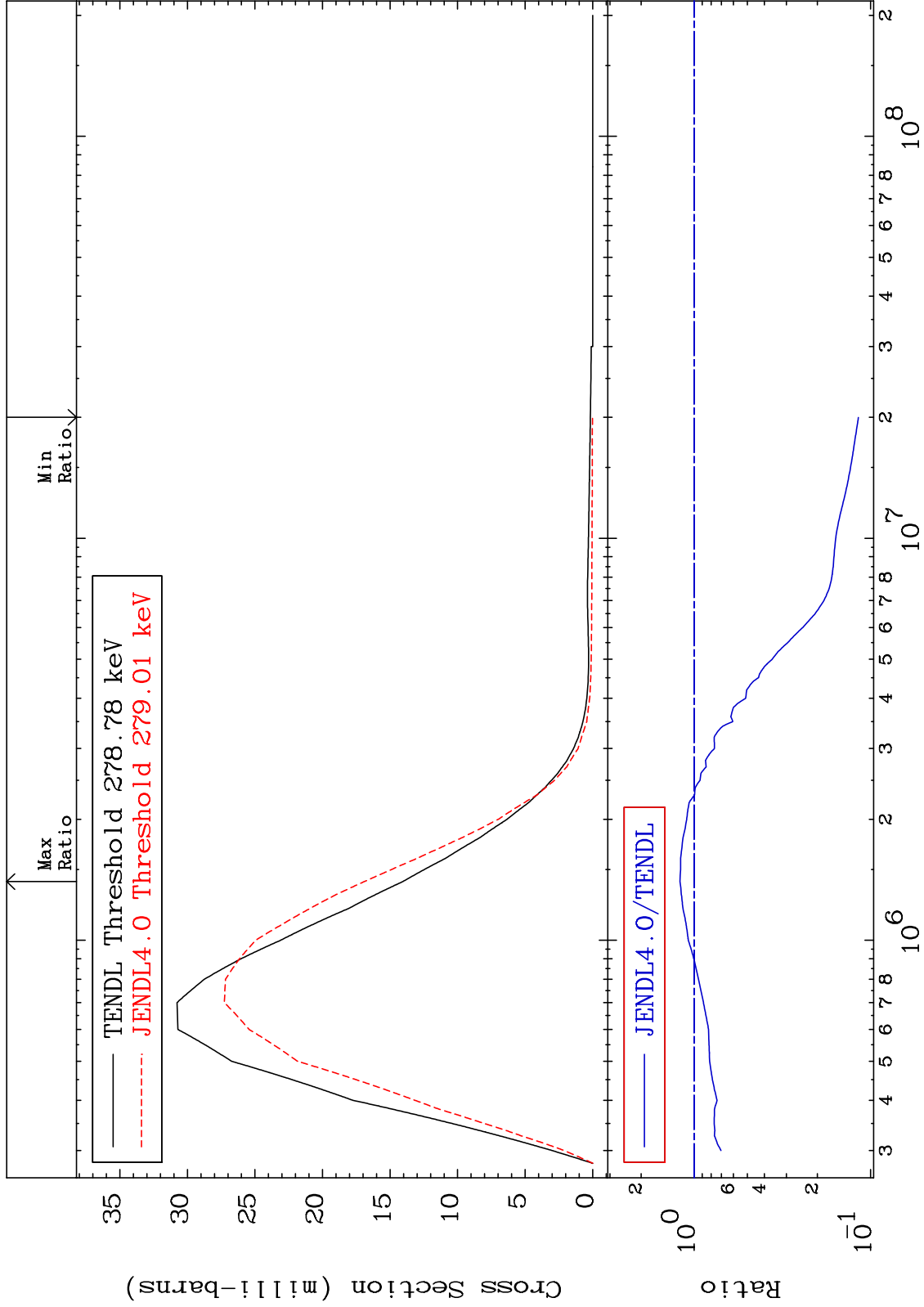
Cross Section



MAT 9037

MT= 62 (n,n') Level
Cross Section

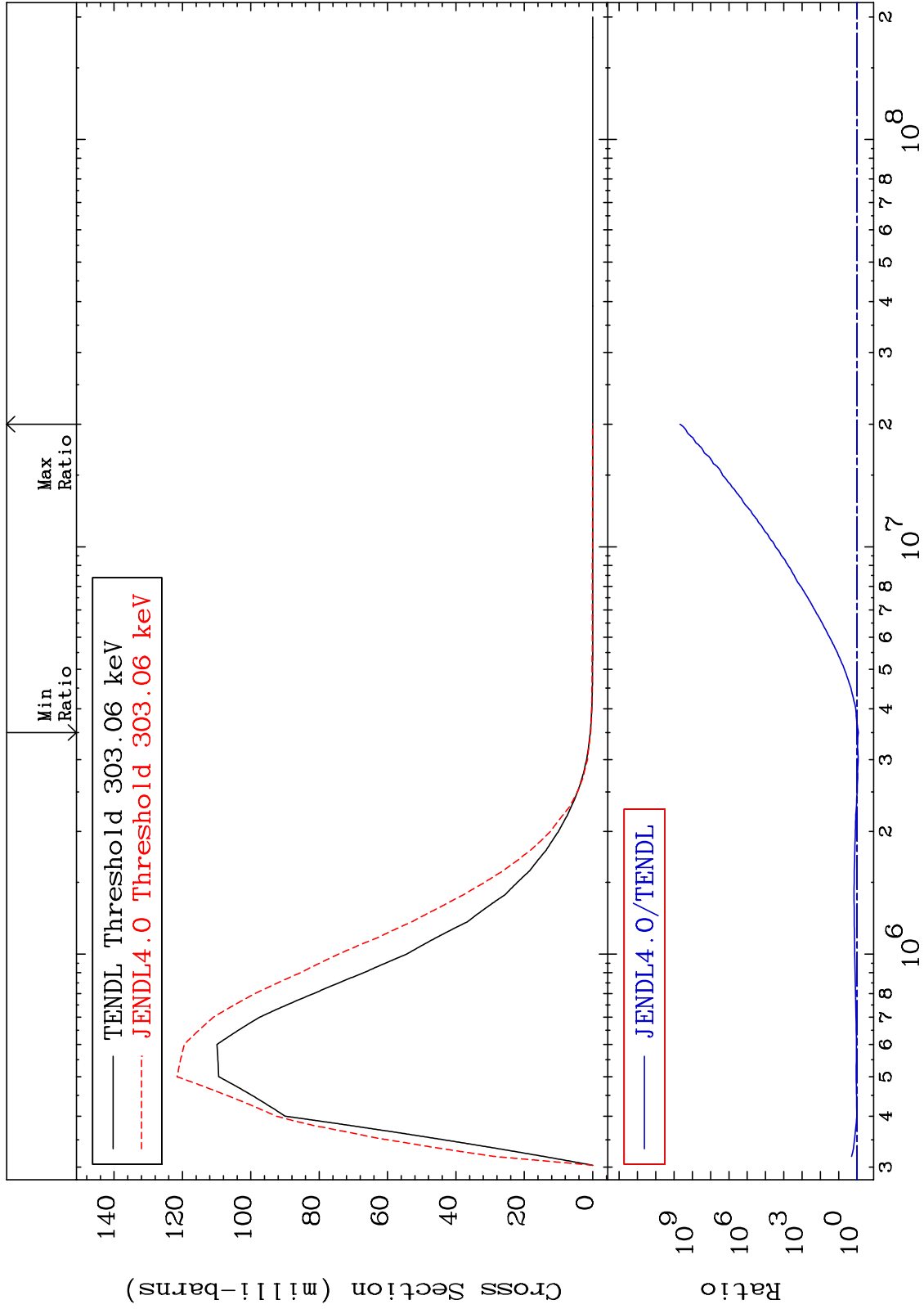
90-Th-231
-88.29 To 20.27 %



MAT 9037

MT= 63 (n,n') Level
Cross Section

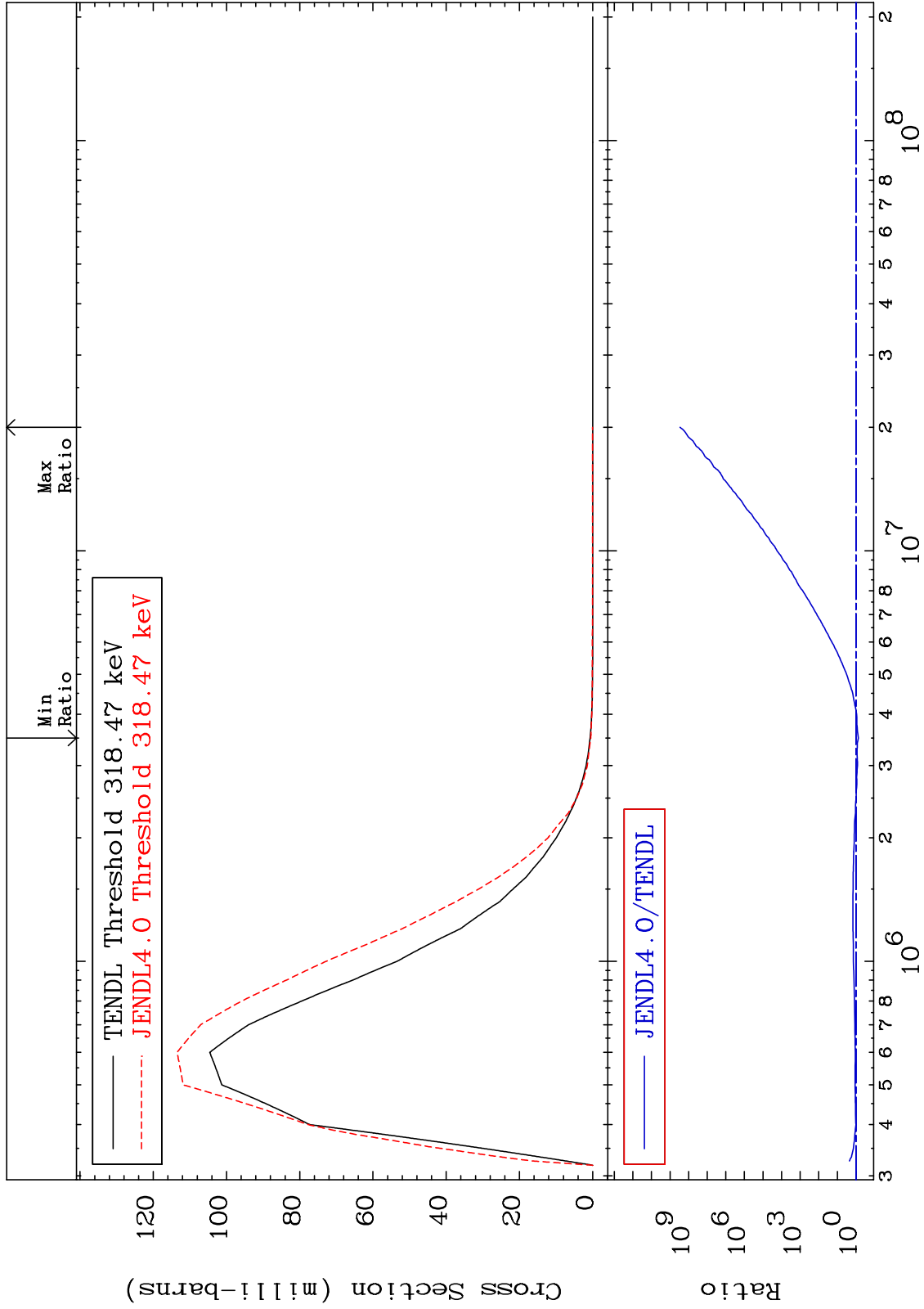
90-Th-231
-15.46 To 9999. %



MAT 9037

MT= 64 (n,n') Level
Cross Section

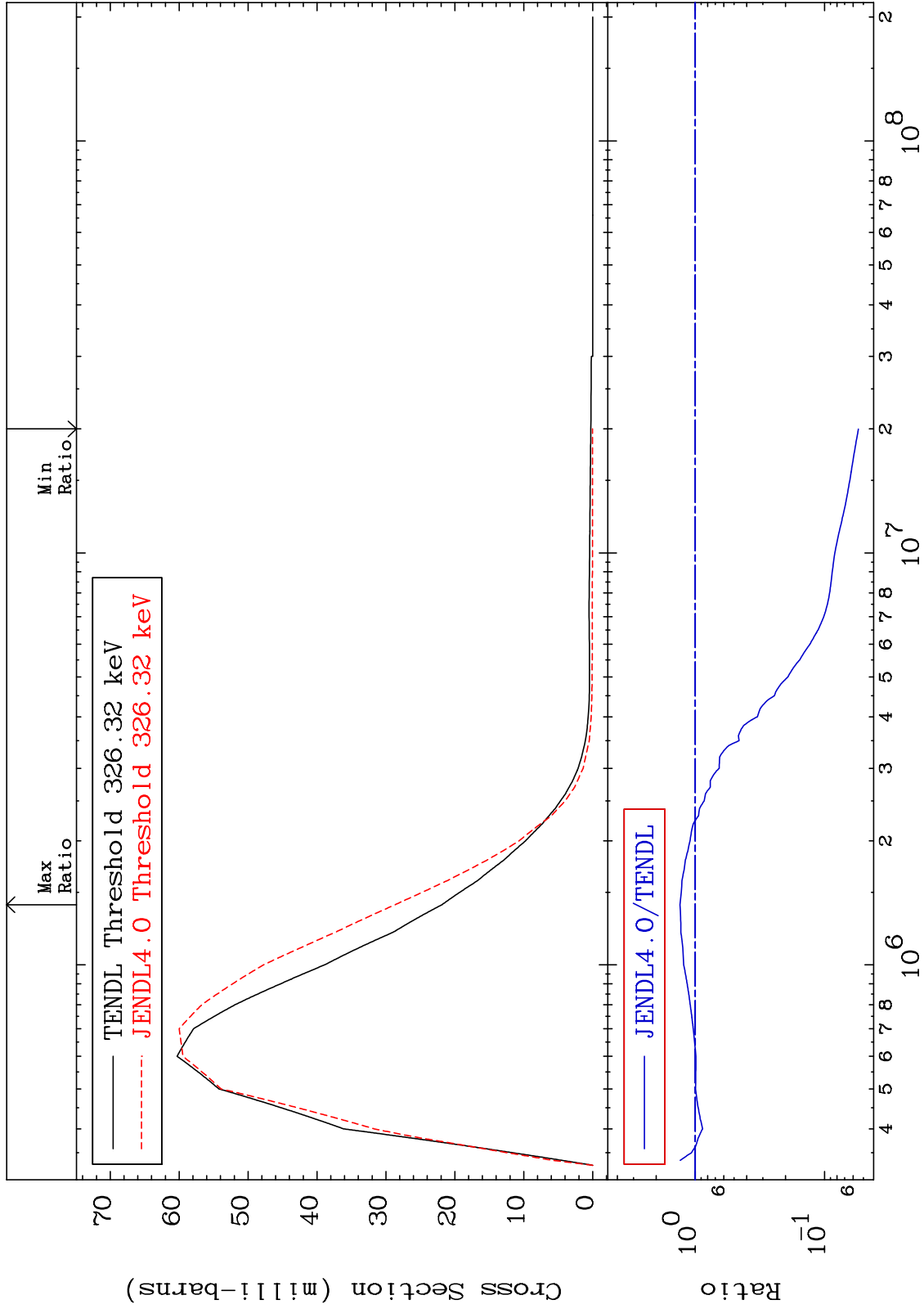
90-Th-231
-26.61 To 9999. %



MAT 9037

MT= 65 (n,n') Level
Cross Section

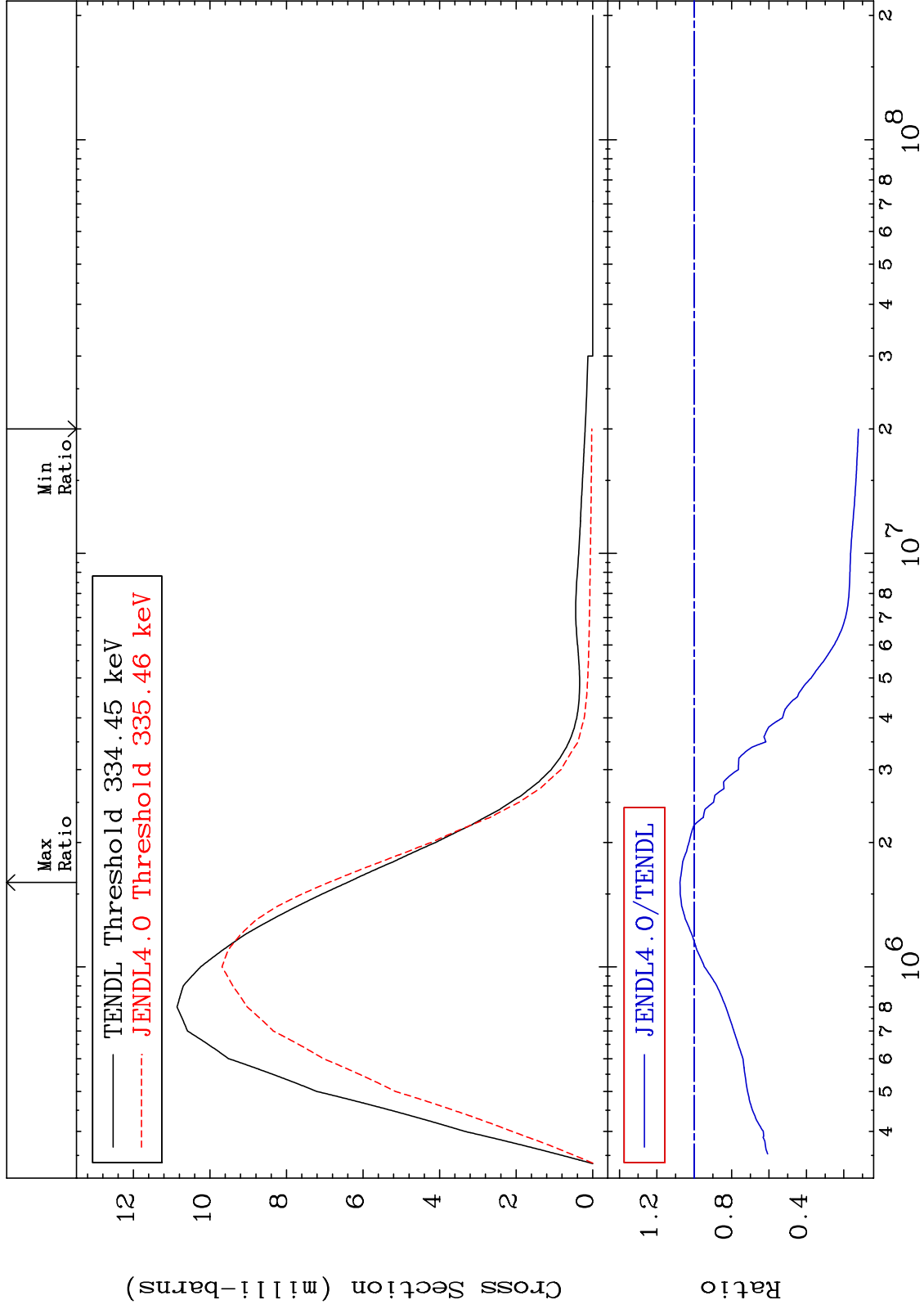
90-Th-231
-94.53 To 30.98 %



MAT 9037

MT= 66 (n,n') Level
Cross Section

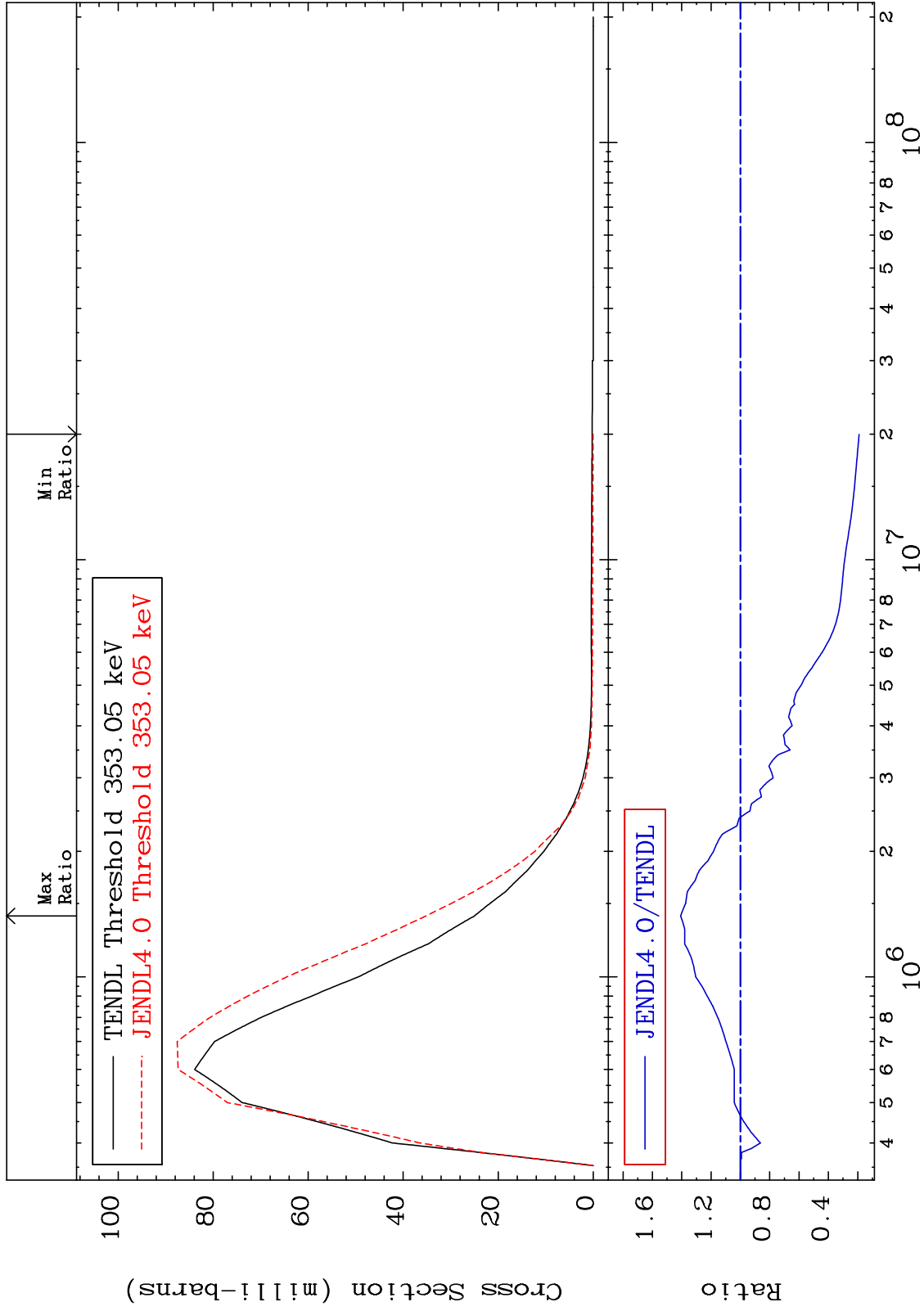
90-Th-231
-87.80 To 7.596 %



MAT 9037

MT= 67 (n,n') Level
Cross Section

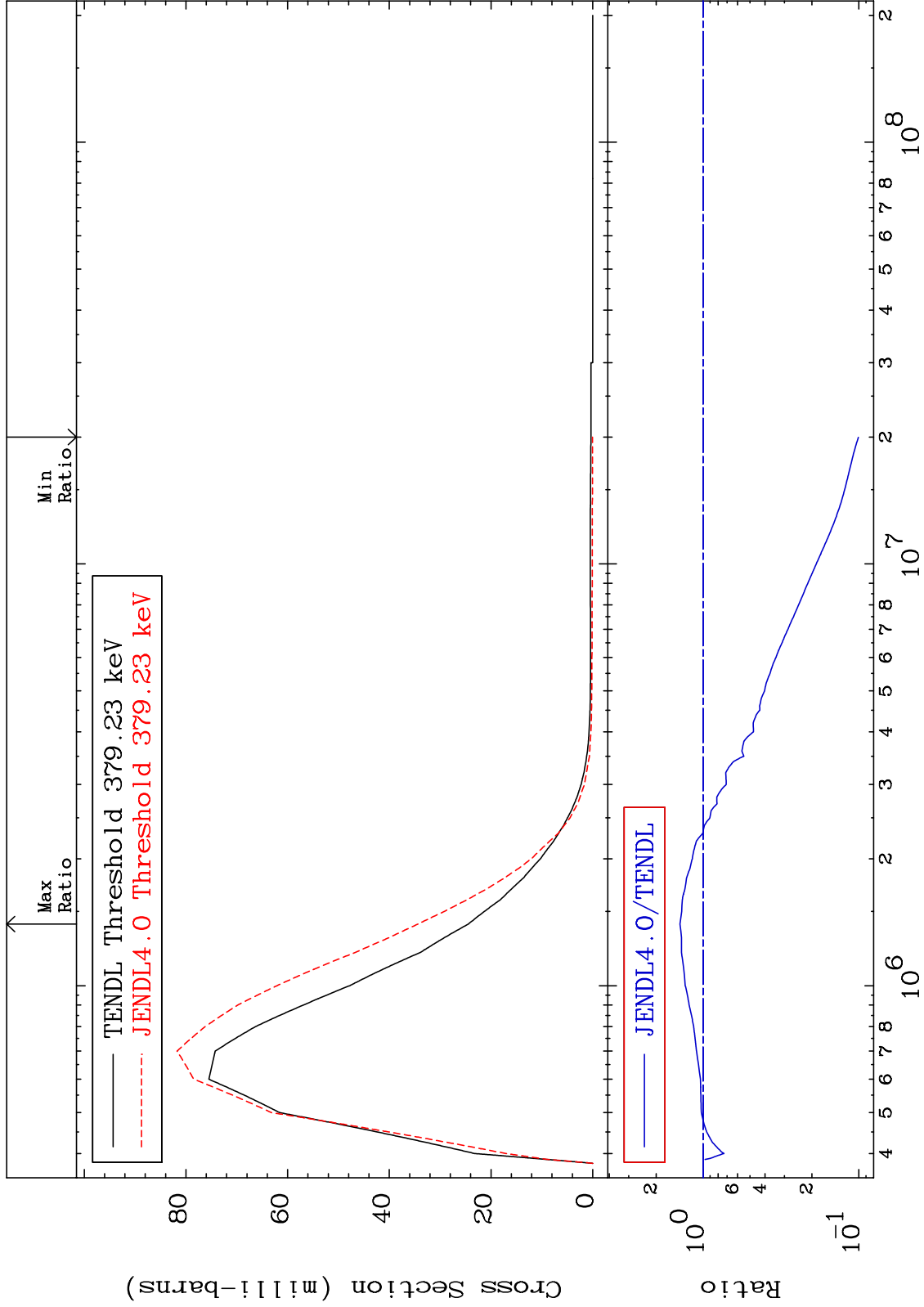
90-Th-231
-80.98 To 40.75 %



MAT 9037

MT= 68 (n,n') Level
Cross Section

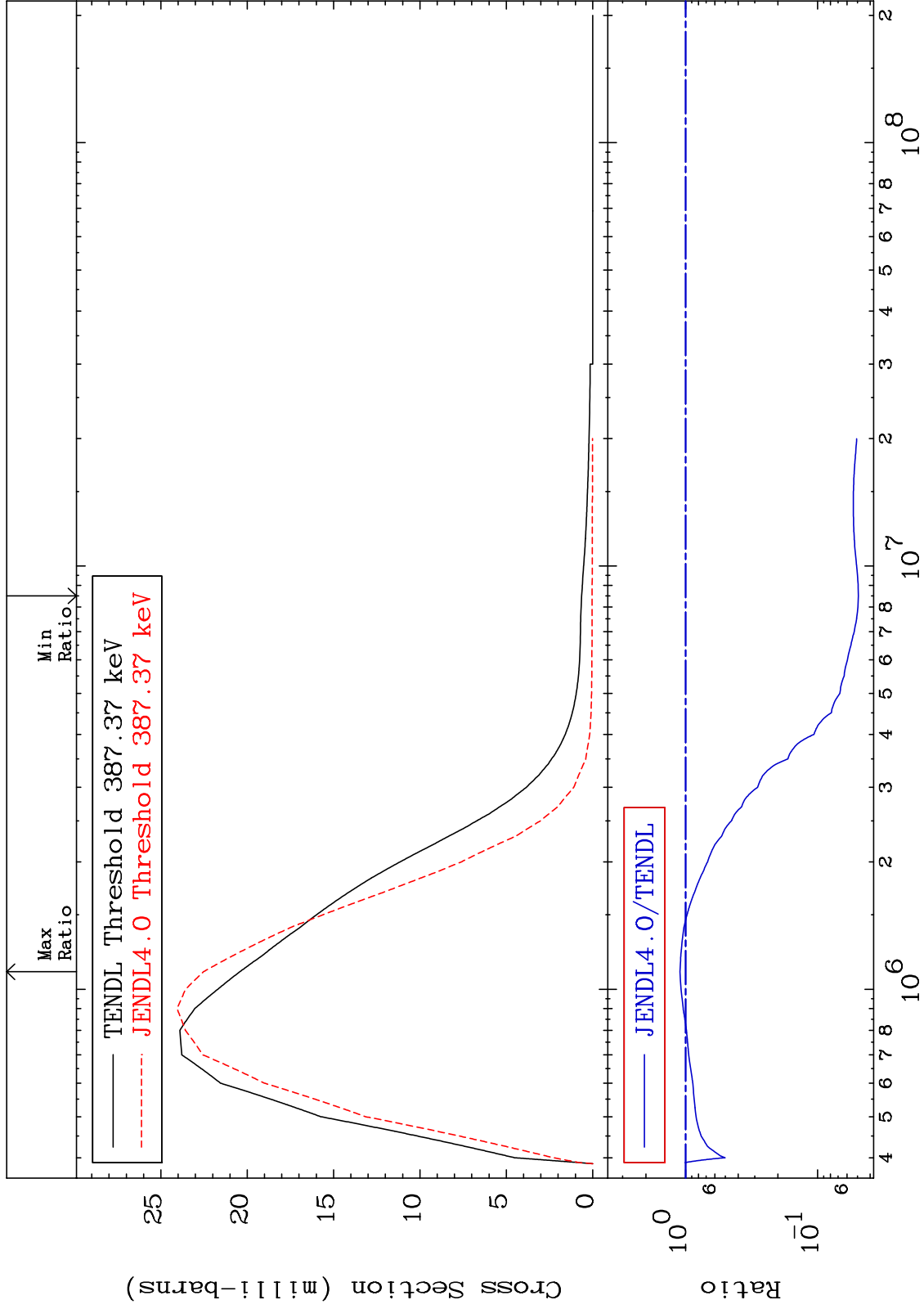
90-Th-231
-89.94 To 40.46 %



MAT 9037

MT= 69 (n,n') Level
Cross Section

90-Th-231
-95.09 To 10.33 %



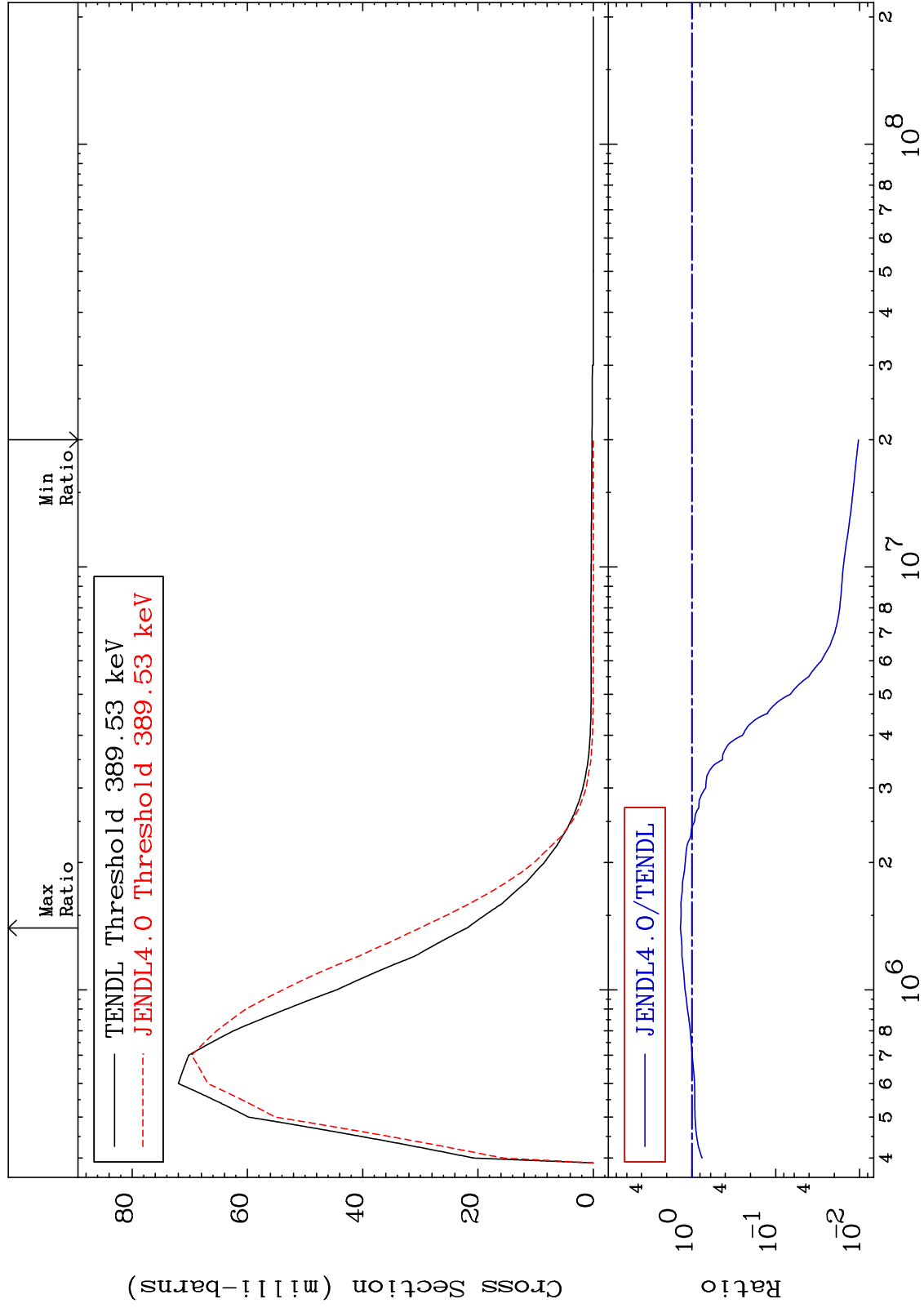
30

90-Th-231

MAT 9037

MT= 70 (n,n') Level
Cross Section

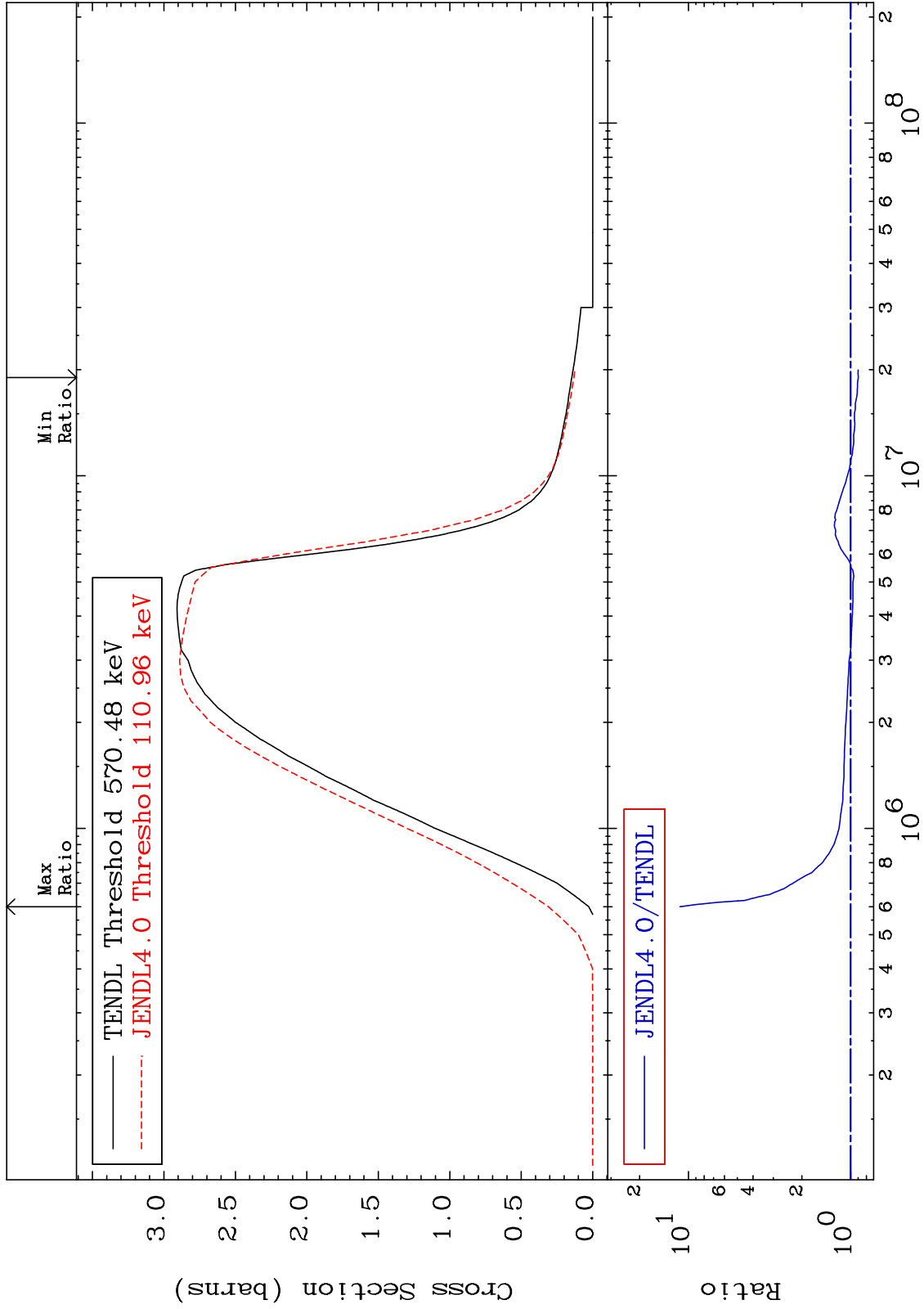
90-Th-231
-98.97 To 37.21 %



MAT 9037

(n,n') Continuum
Cross Section

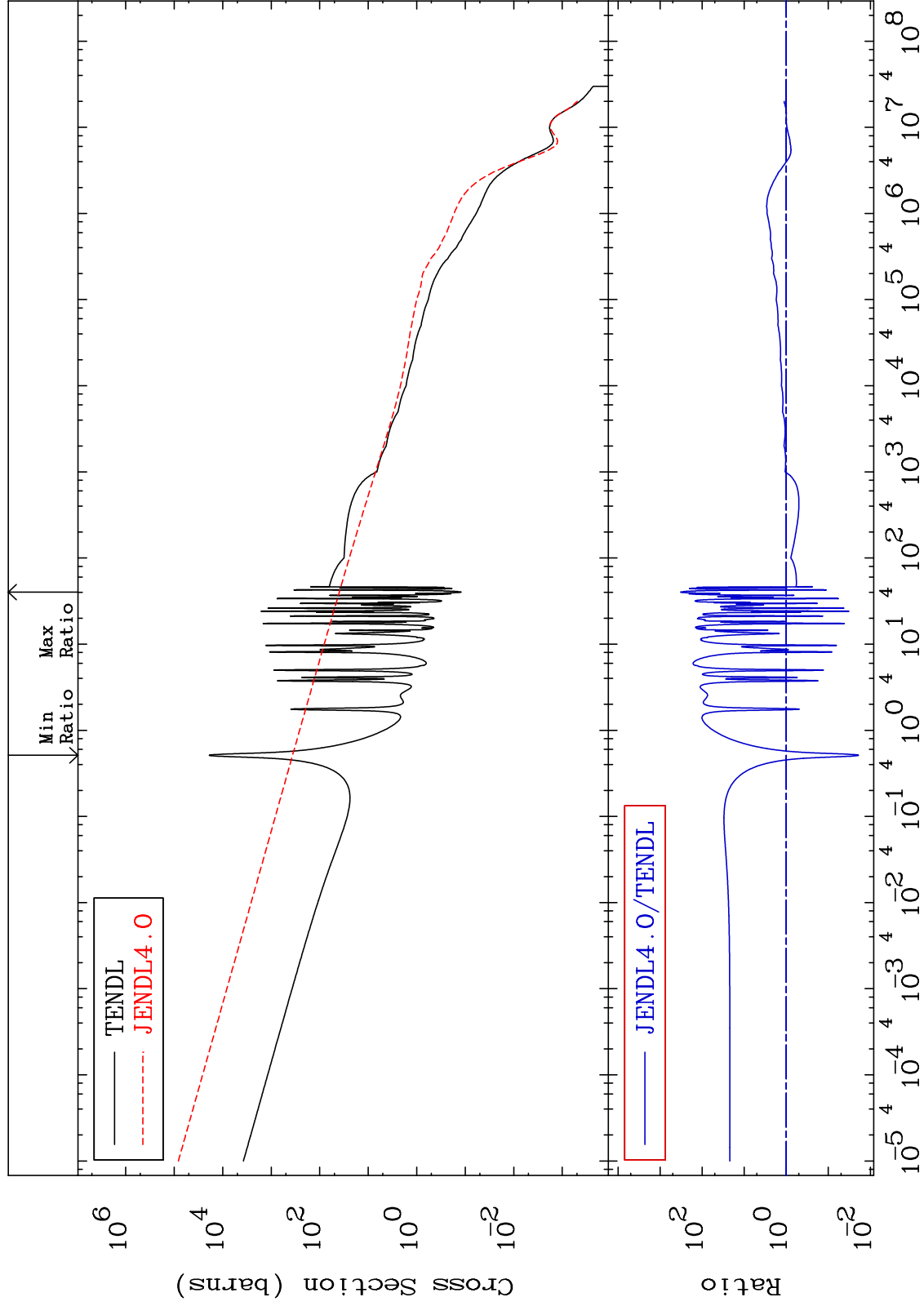
90-Th-231
-10.46 To 1027. %



MAT 9037

(n, γ)
Cross Section

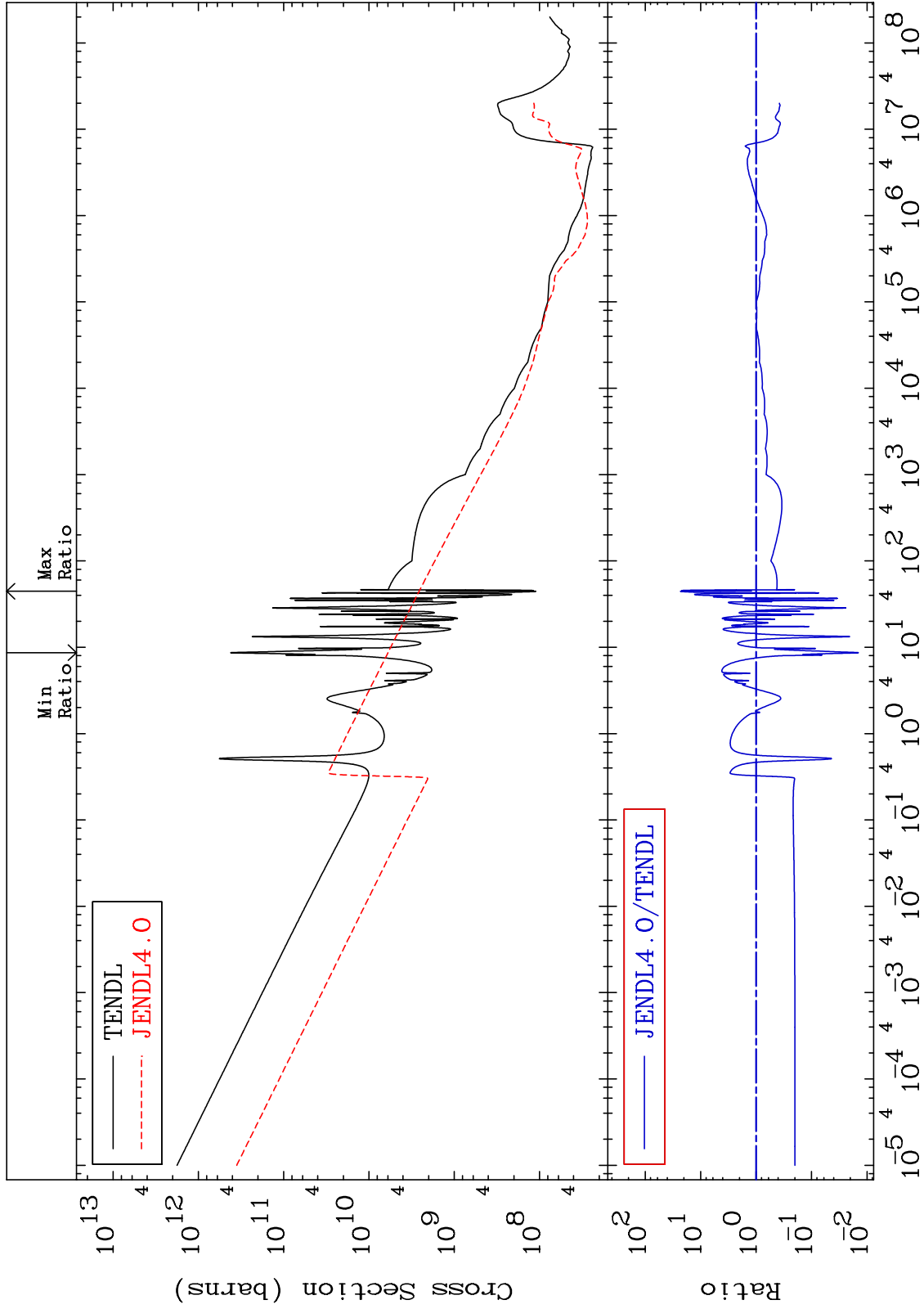
90-Th-231
-98.09 To 9999. %



MAT 9037

Kerma total (eV-barns)
Cross Section

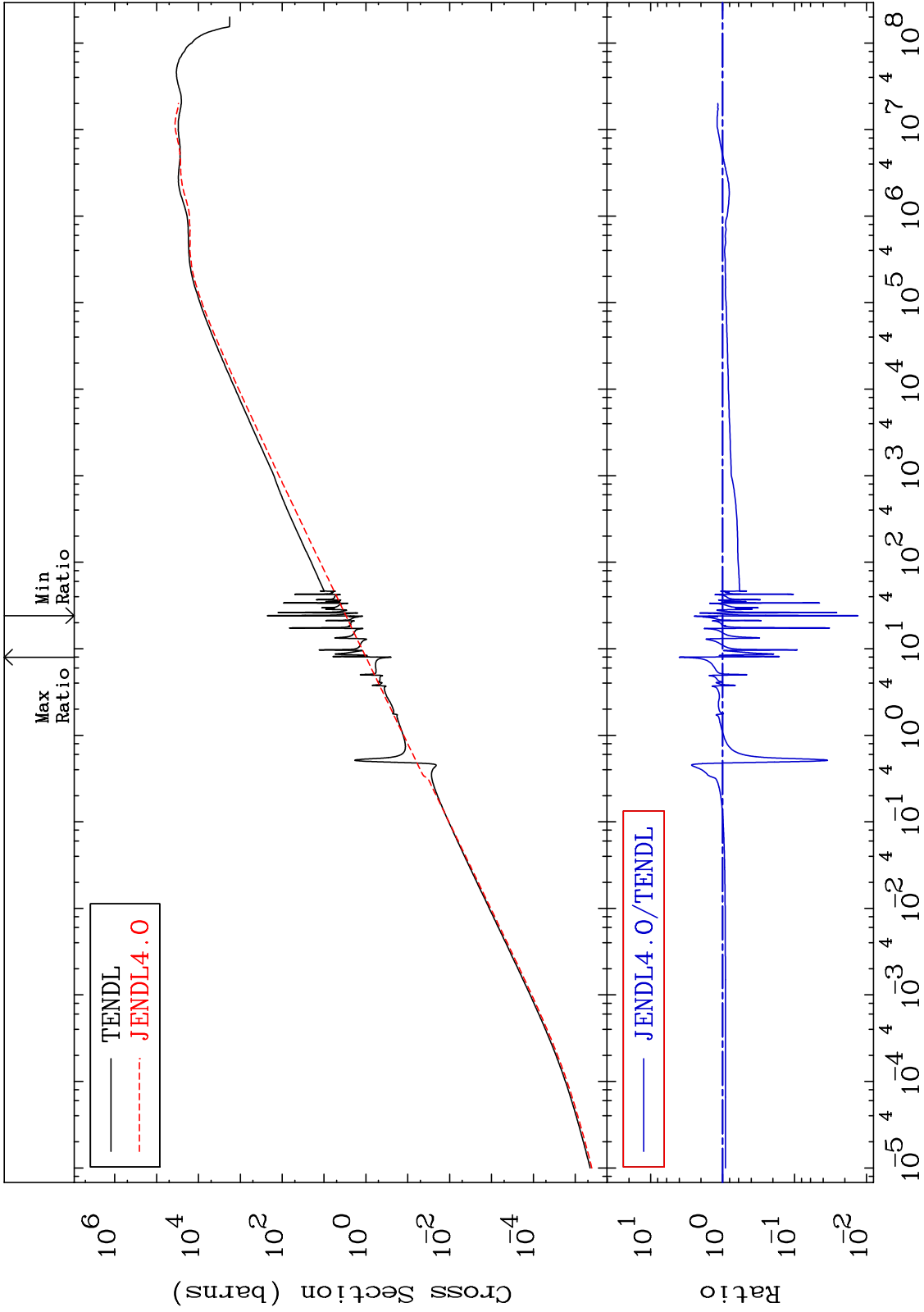
90-Th-231
-98.57 To 2256. %



MAT 9037

Kerma elastic
Cross Section

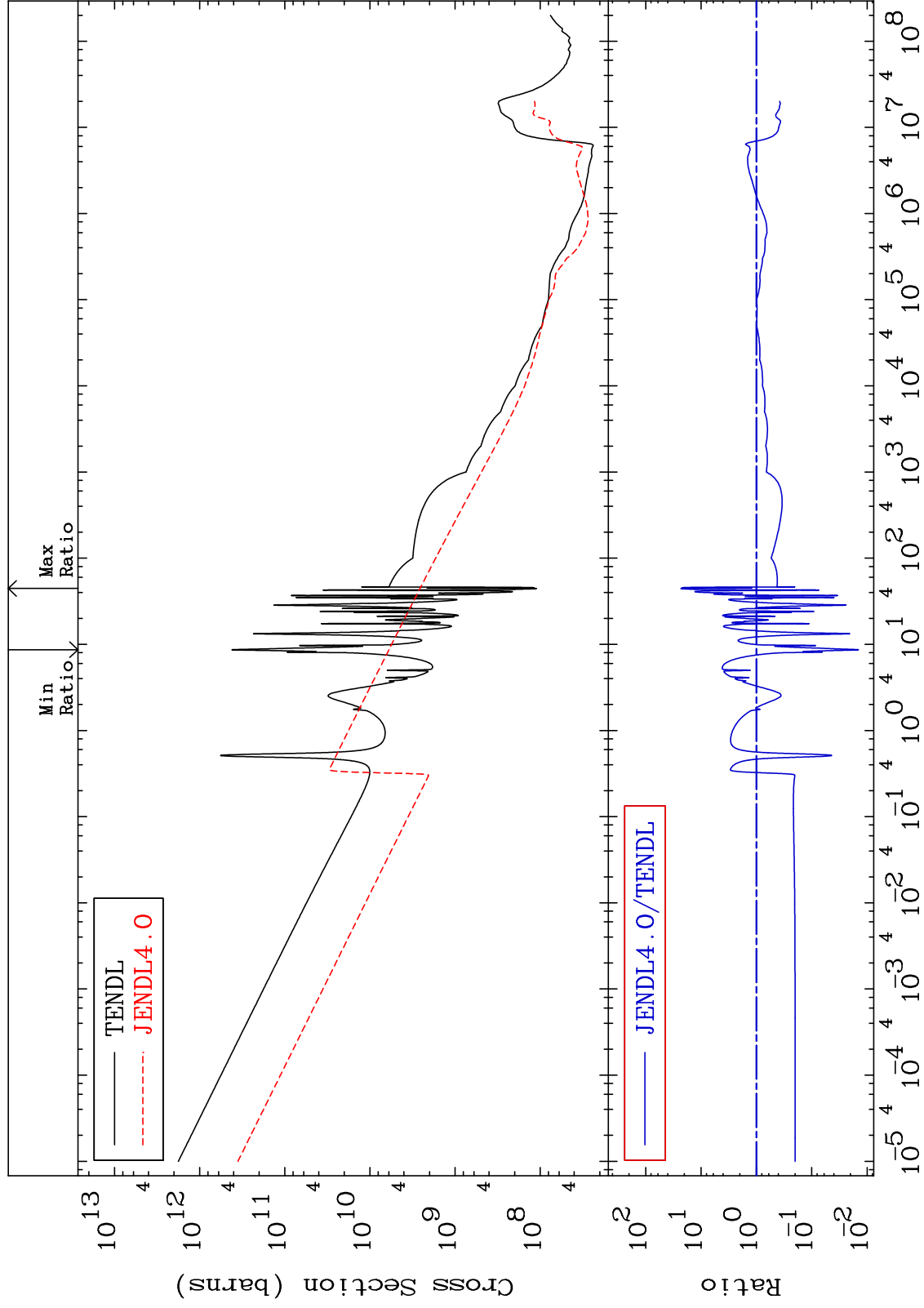
90-Th-231
-98.69 To 299.1 %



MAT 9037

Kerma non-elastic (all but mt2)
Cross Section

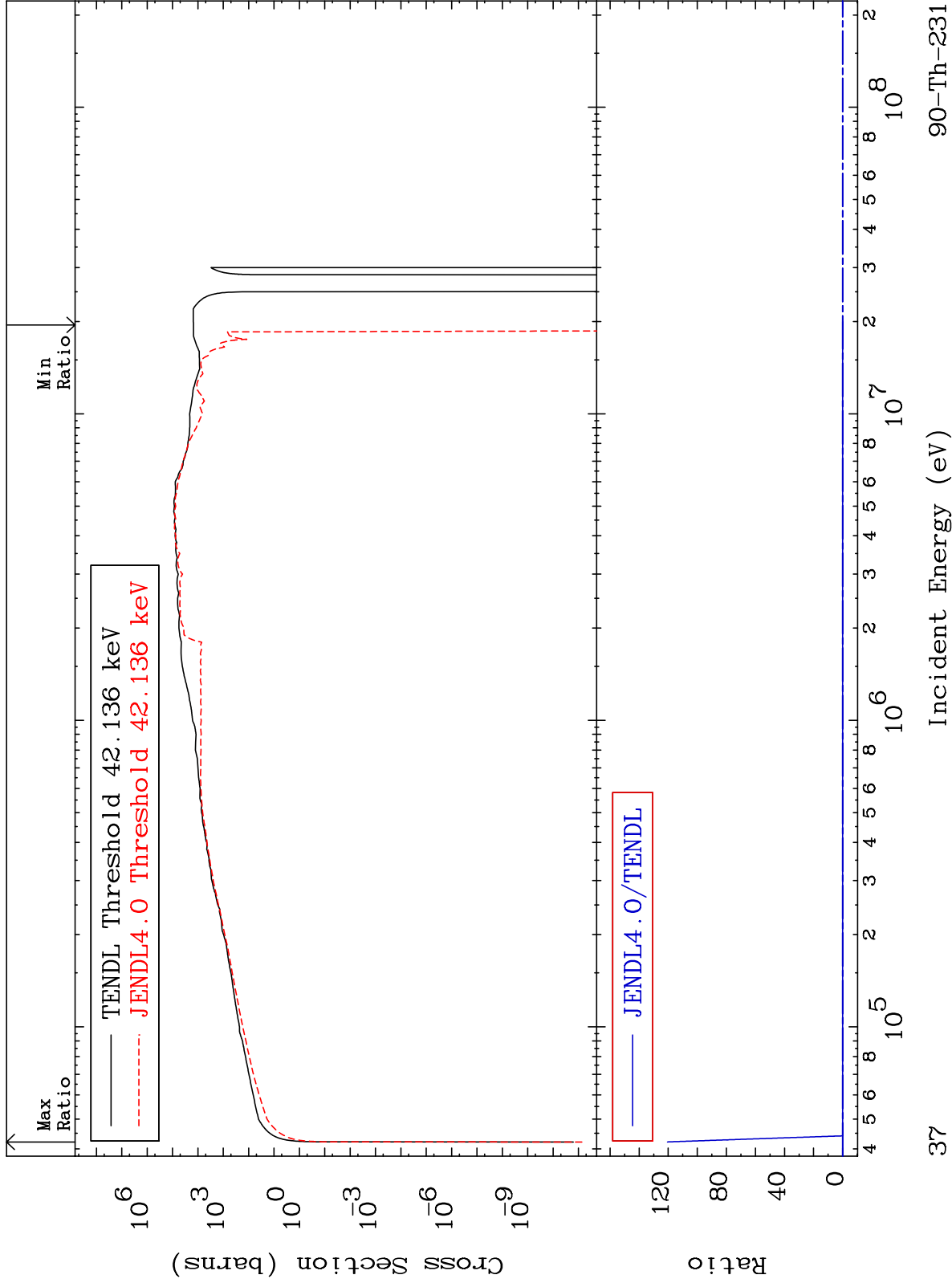
90-Th-231
-98.57 To 2256. %



MAT 9037

Kerma inelastic (mt51-91)
Cross Section

90-Th-231
-116.9 To 9999. %



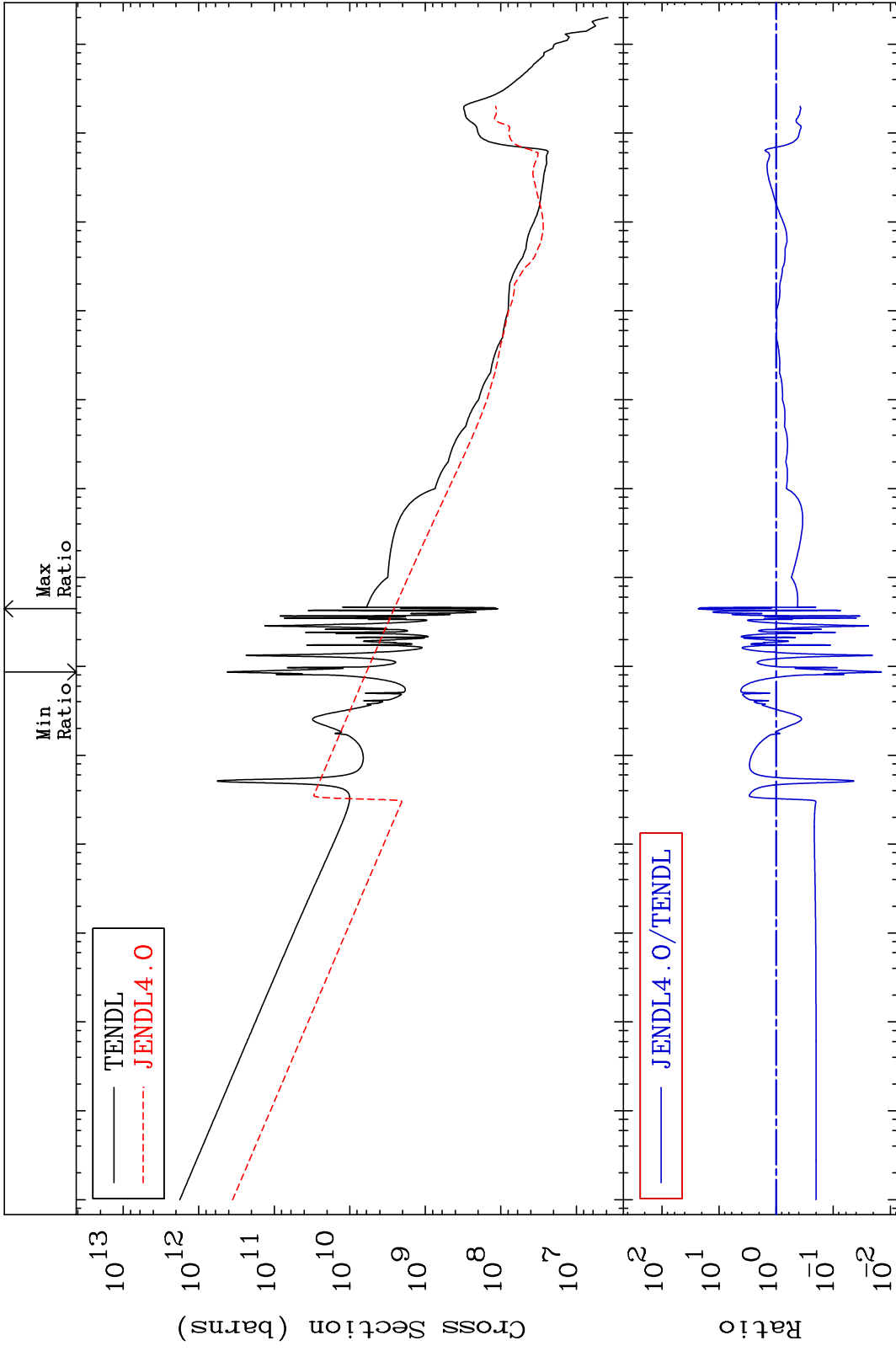
MAT 9037

Kerma fission (mt18 or mt19-20-21-38)

90-Th-231

-98.57 To 2256. %

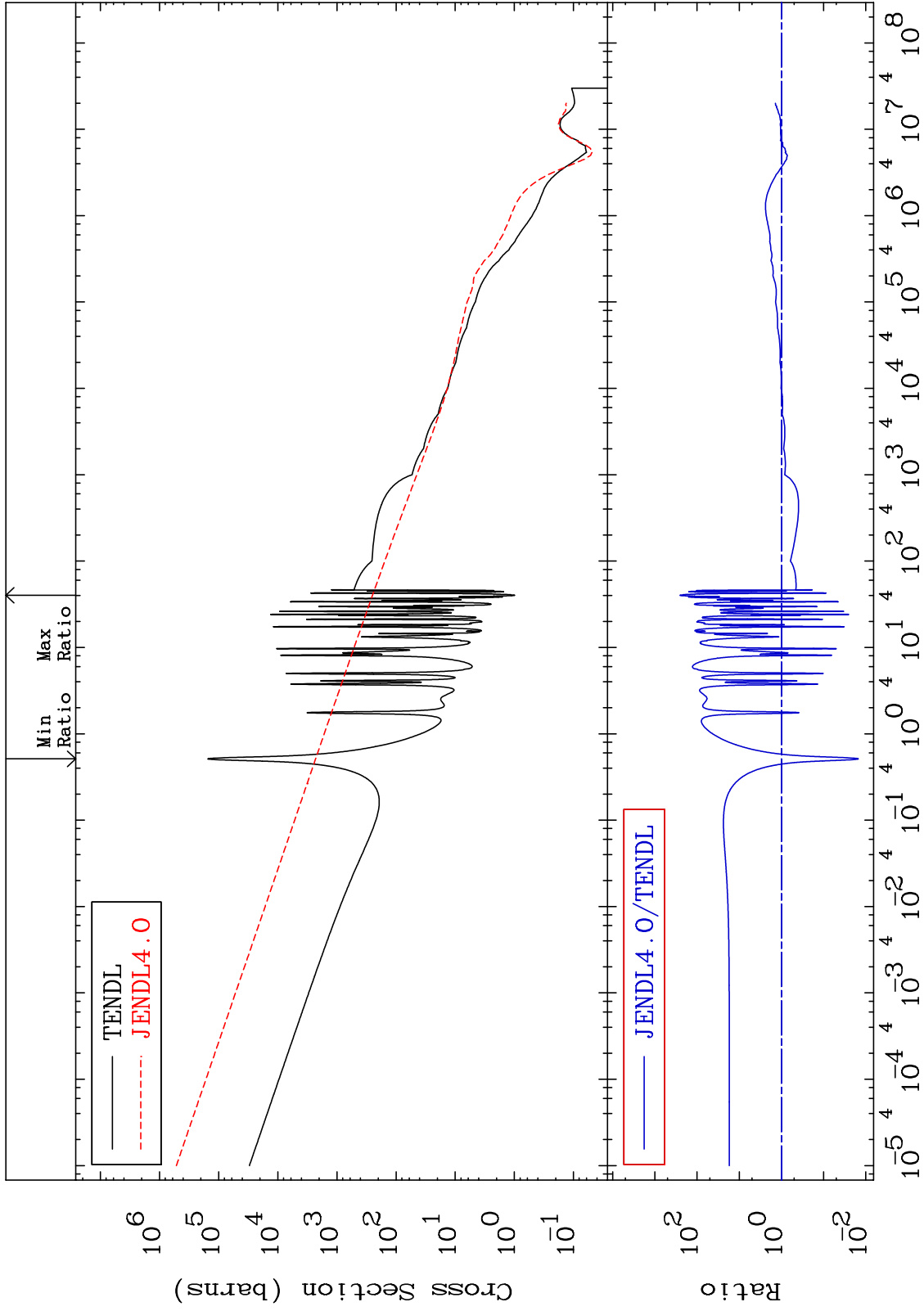
Cross Section



MAT 9037

Kerma capture (mt102)
Cross Section

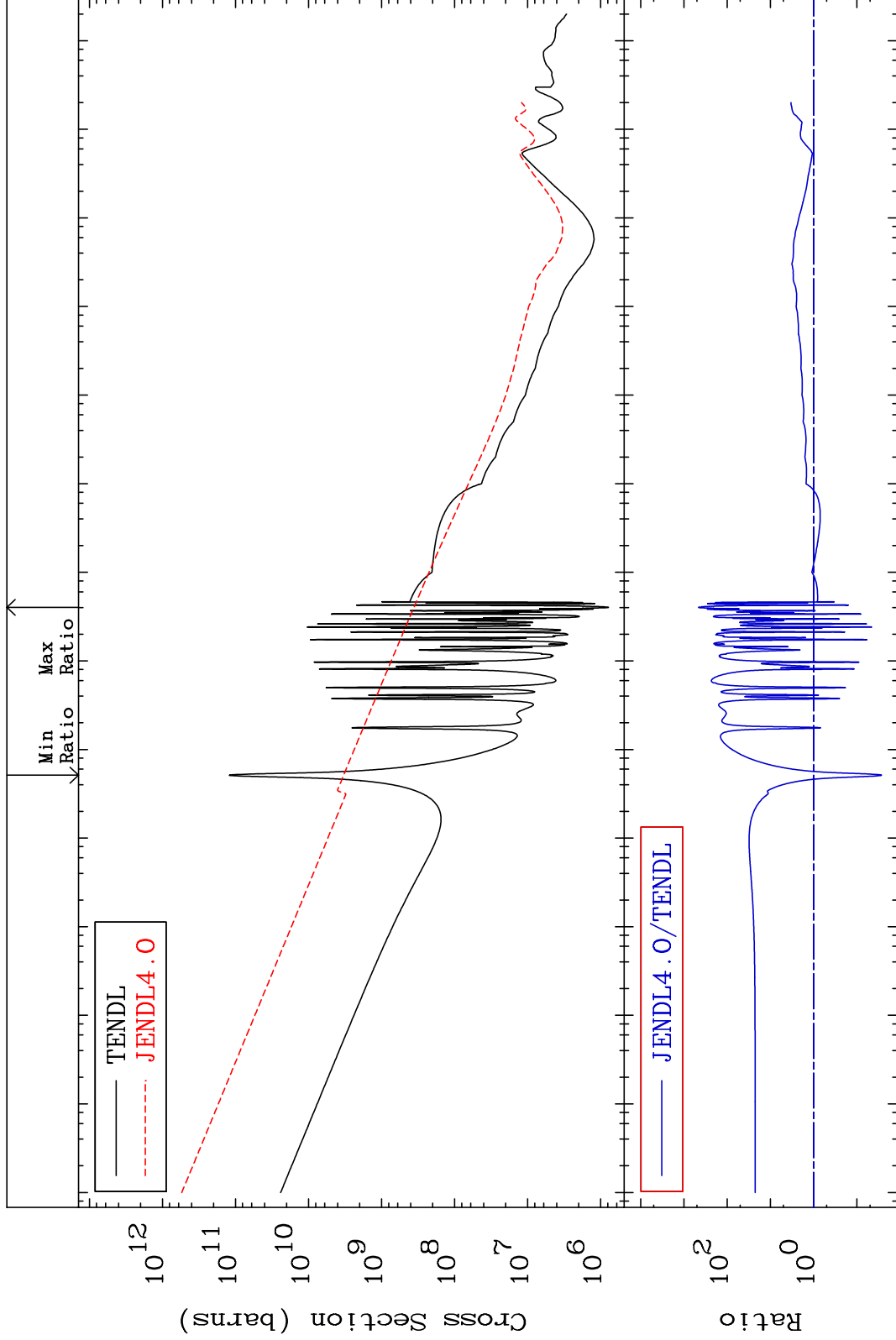
90-Th-231
-98.50 To 9999. %



MAT 9037

Total photon (eV-barns)
Cross Section

90-Th-231
-97.30 To 9999. %



40

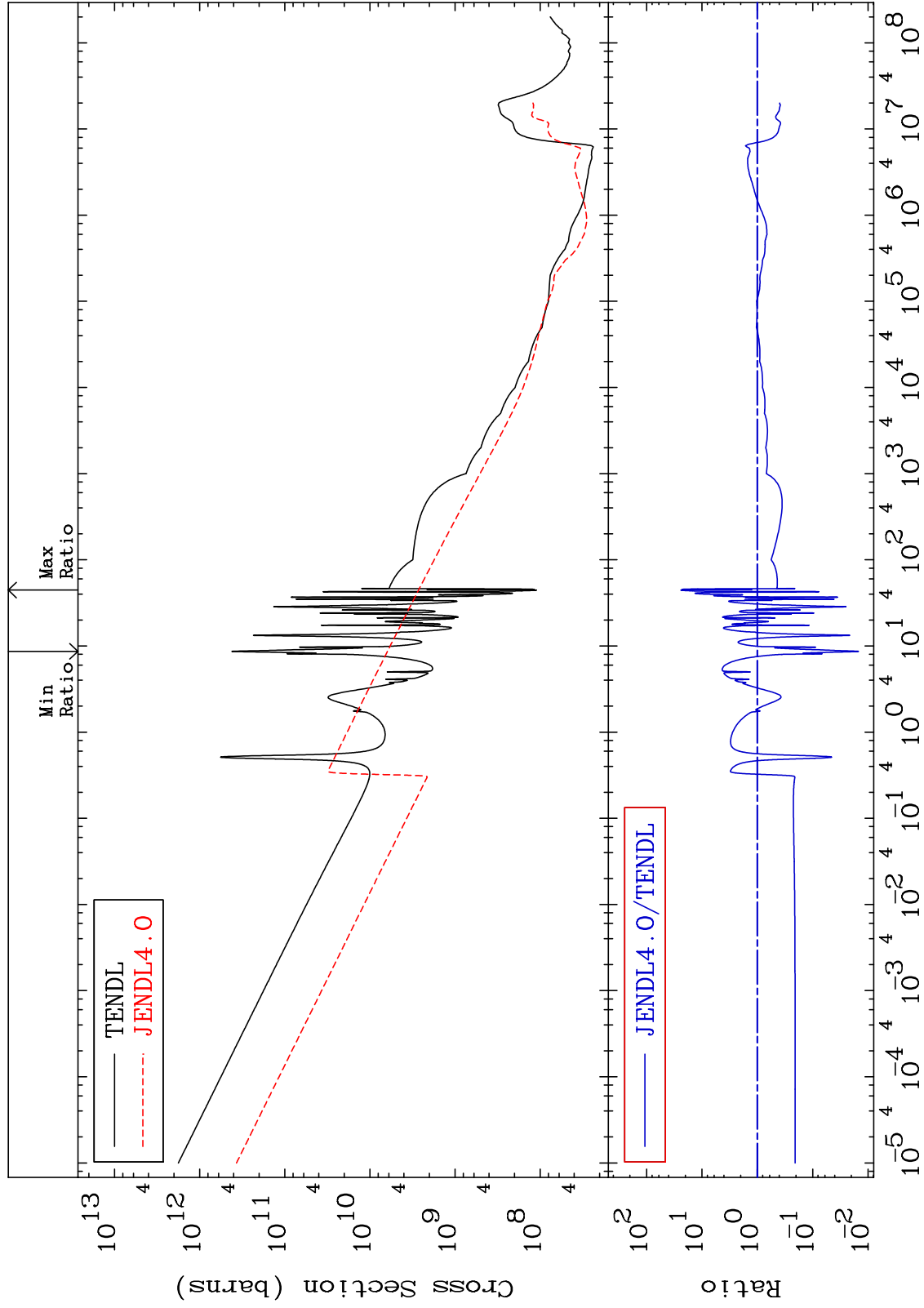
Incident Energy (eV)

90-Th-231

MAT 9037

Total kinematic kerma (high limit)
Cross Section

90-Th-231
-98.52 To 2347. %



41

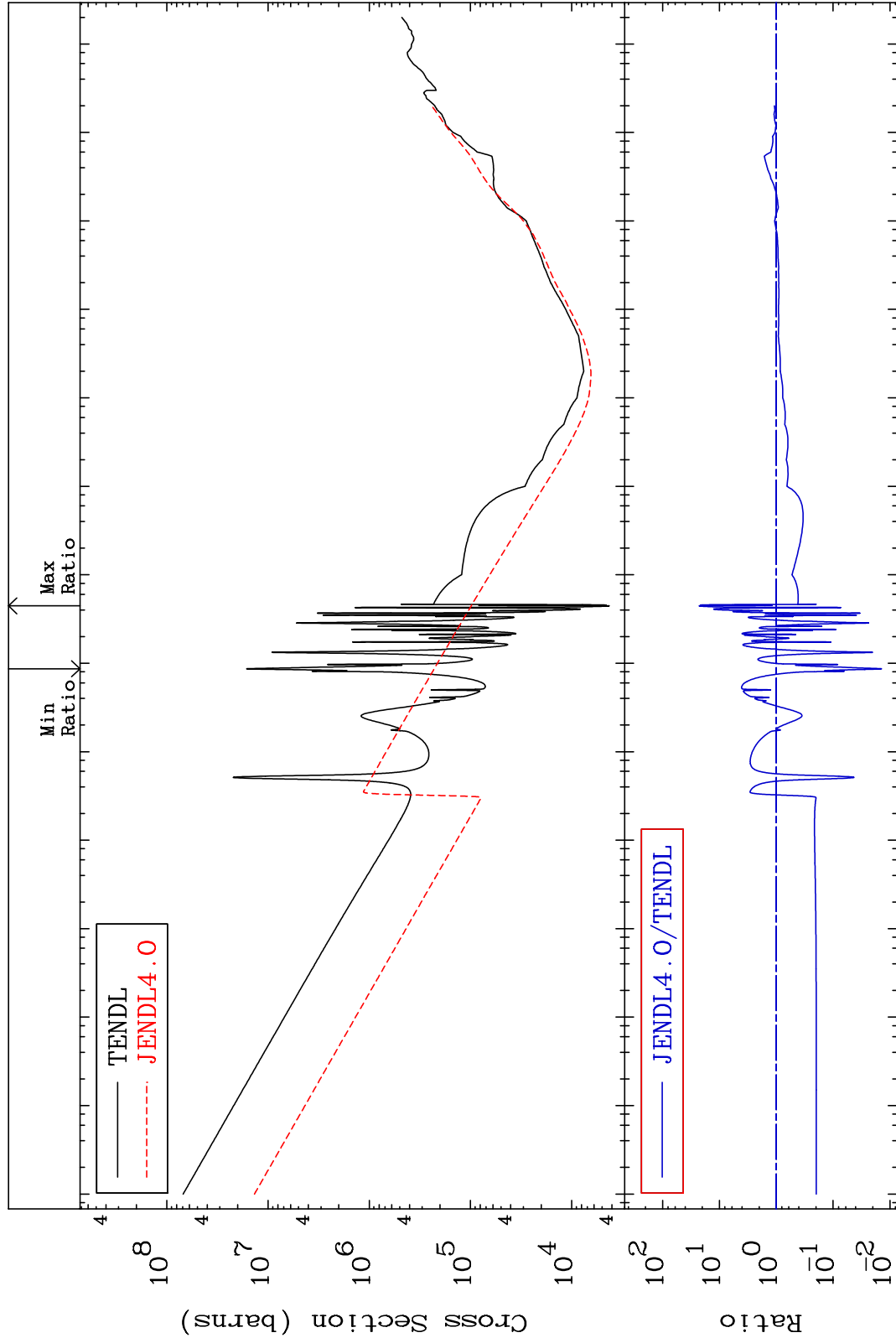
Incident Energy (eV)

90-Th-231

MAT 9037

Dpa total (eV-barns)

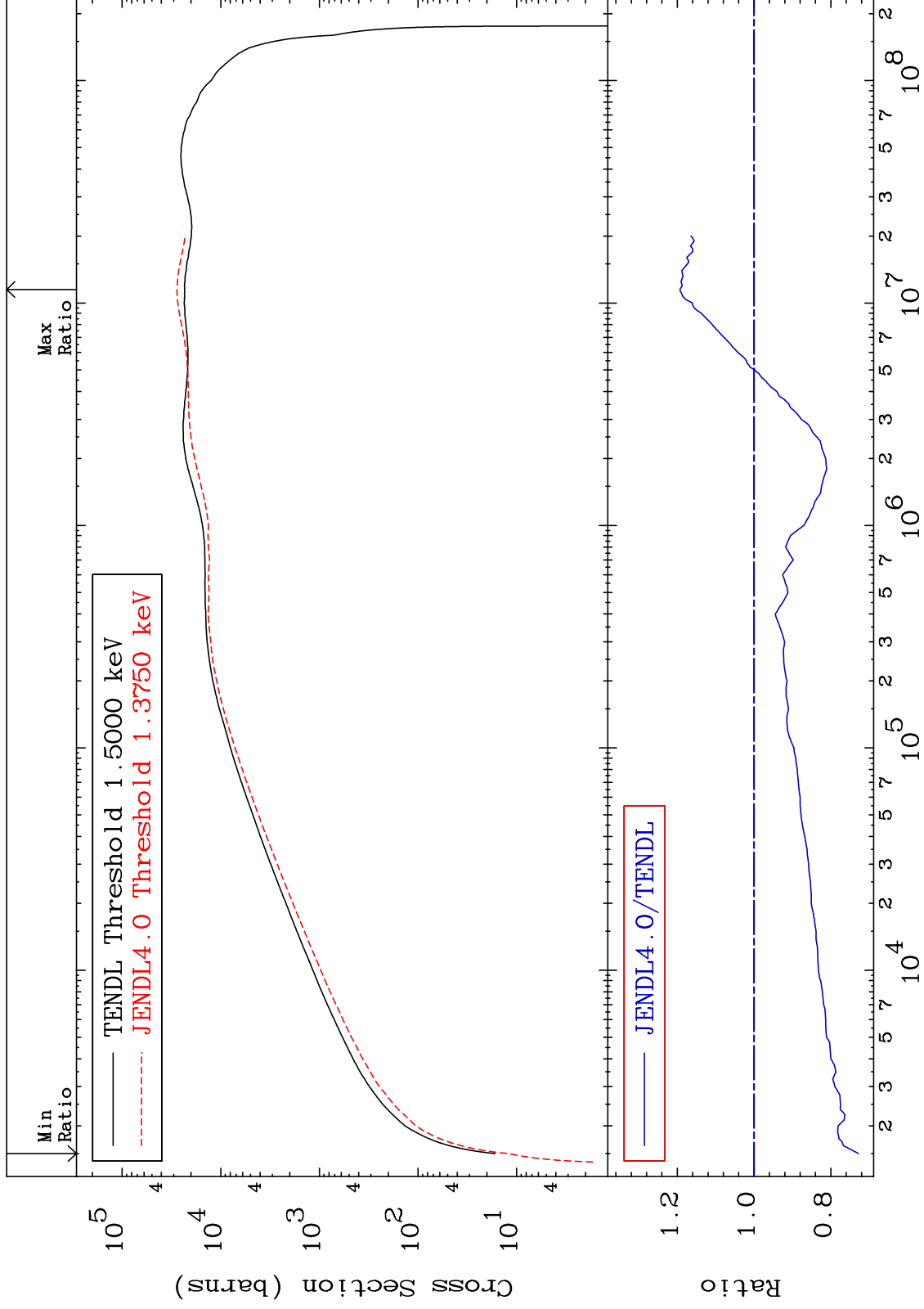
90-Th-231
-98.60 To 2212. %



MAT 9037

Dpa elastic (mt2)
Cross Section

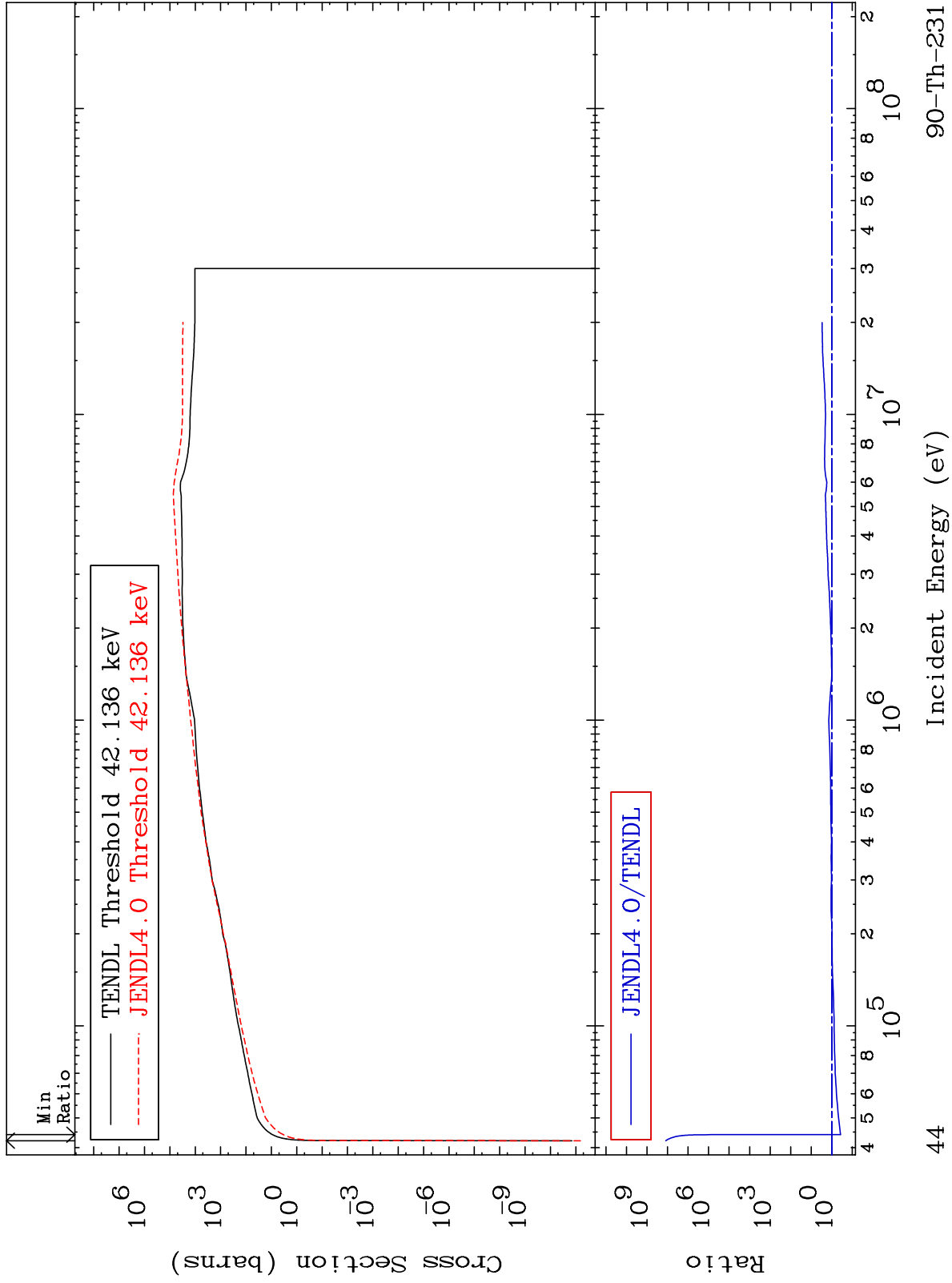
90-Th-231
-27.18 To 19.29 %



MAT 9037

Dpa inelastic (mt51-91)
Cross Section

90-Th-231
-62.72 To 9999. %



MAT 9037 Dpa disappearance (mt102 -120) 90-Th-231
 Cross Section -99.99 To 9999. %

