

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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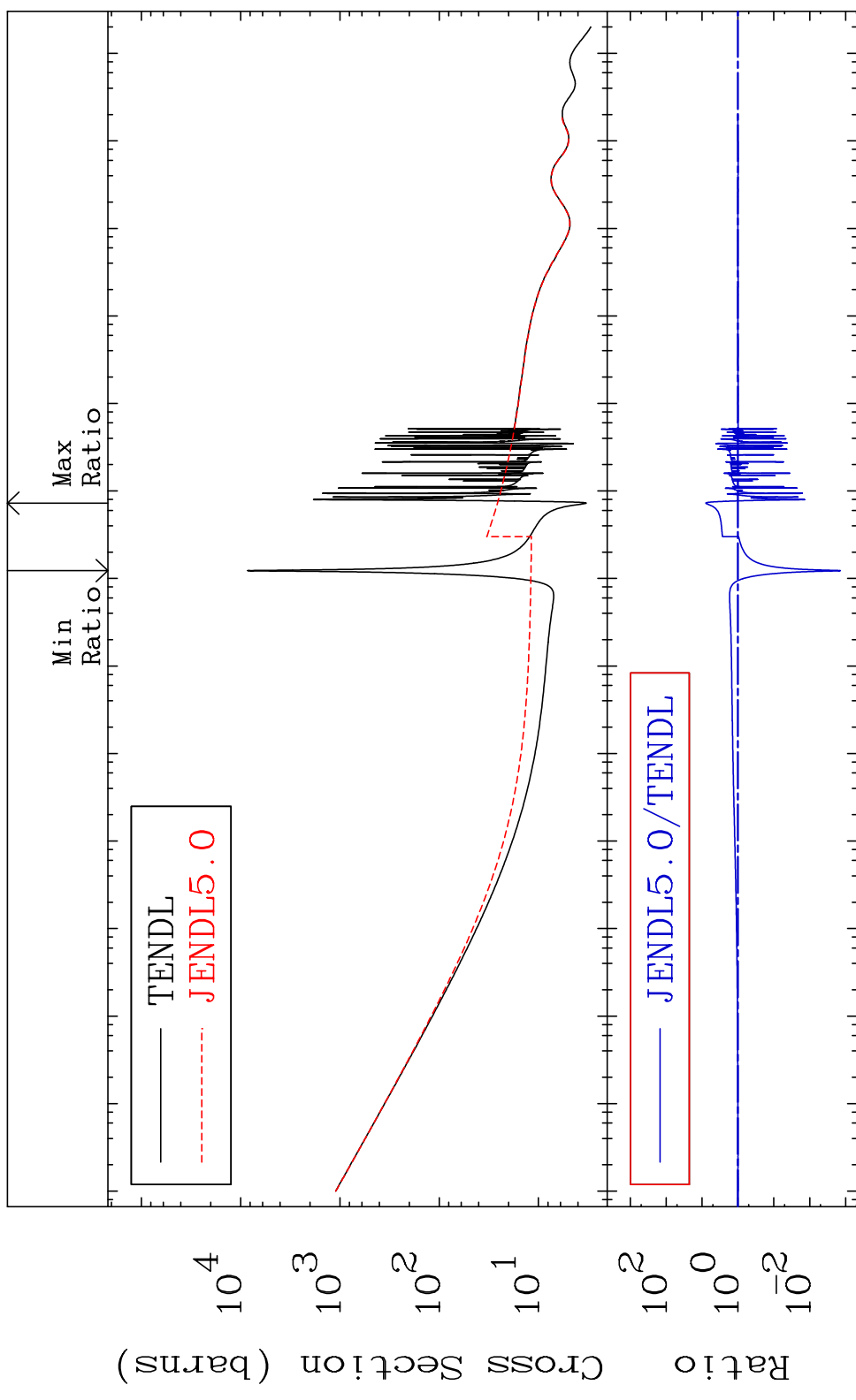
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 8128

Total Cross Section
81-Tl-204
-99.86 To 688.0 %



1 Incident Energy (eV) 81-Tl-204

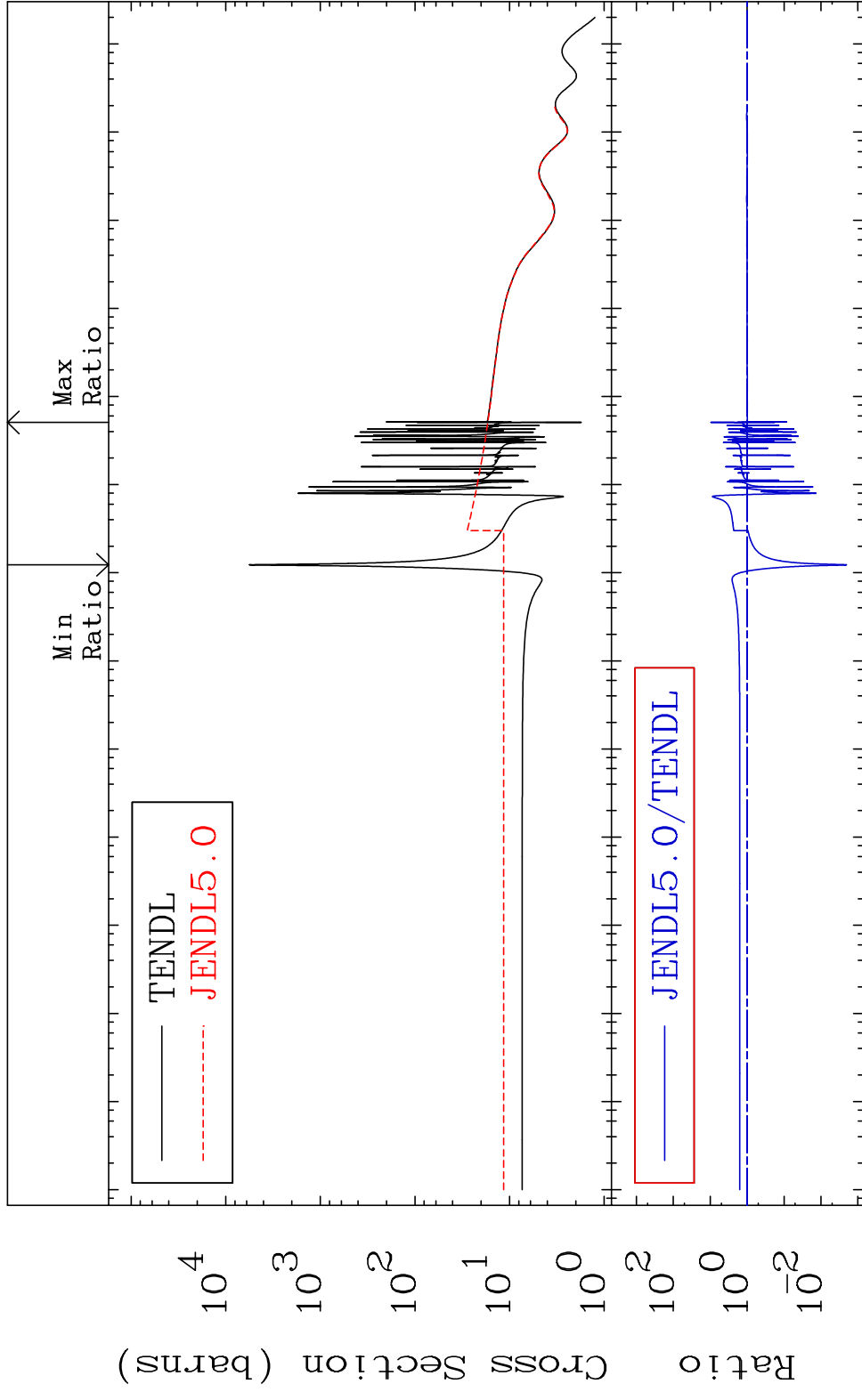
MAT 8128

Elastic

81-Tl-204

Cross Section

-99.79 To 869.7 %

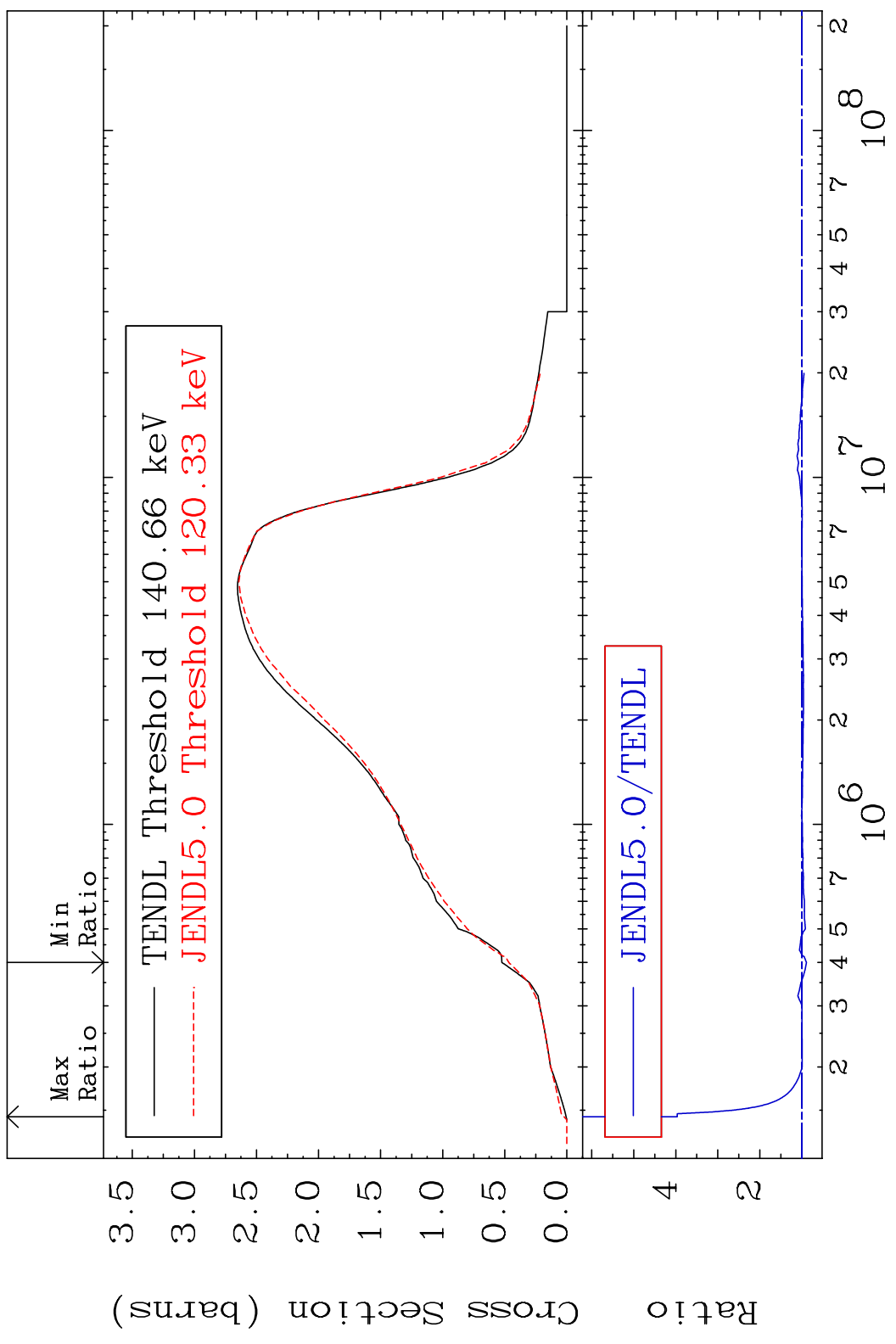


MAT 8128

Inelastic

81-Tl-204

Cross Section -10.63 To 296.6 %

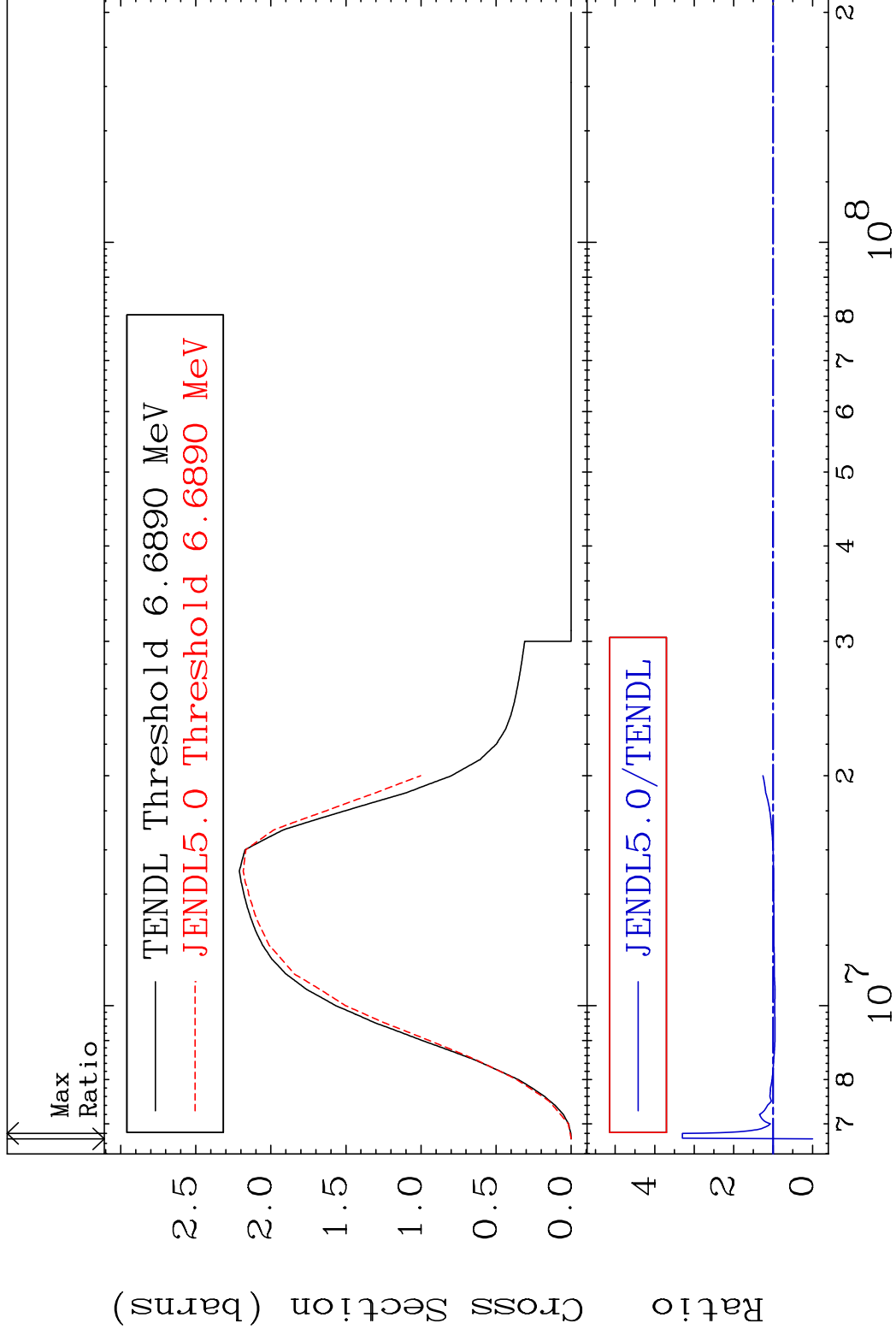


MAT 8128

(n,2n)

81-Tl-204

Cross Section -100.0 To 229.9 %



4

Incident Energy (eV)

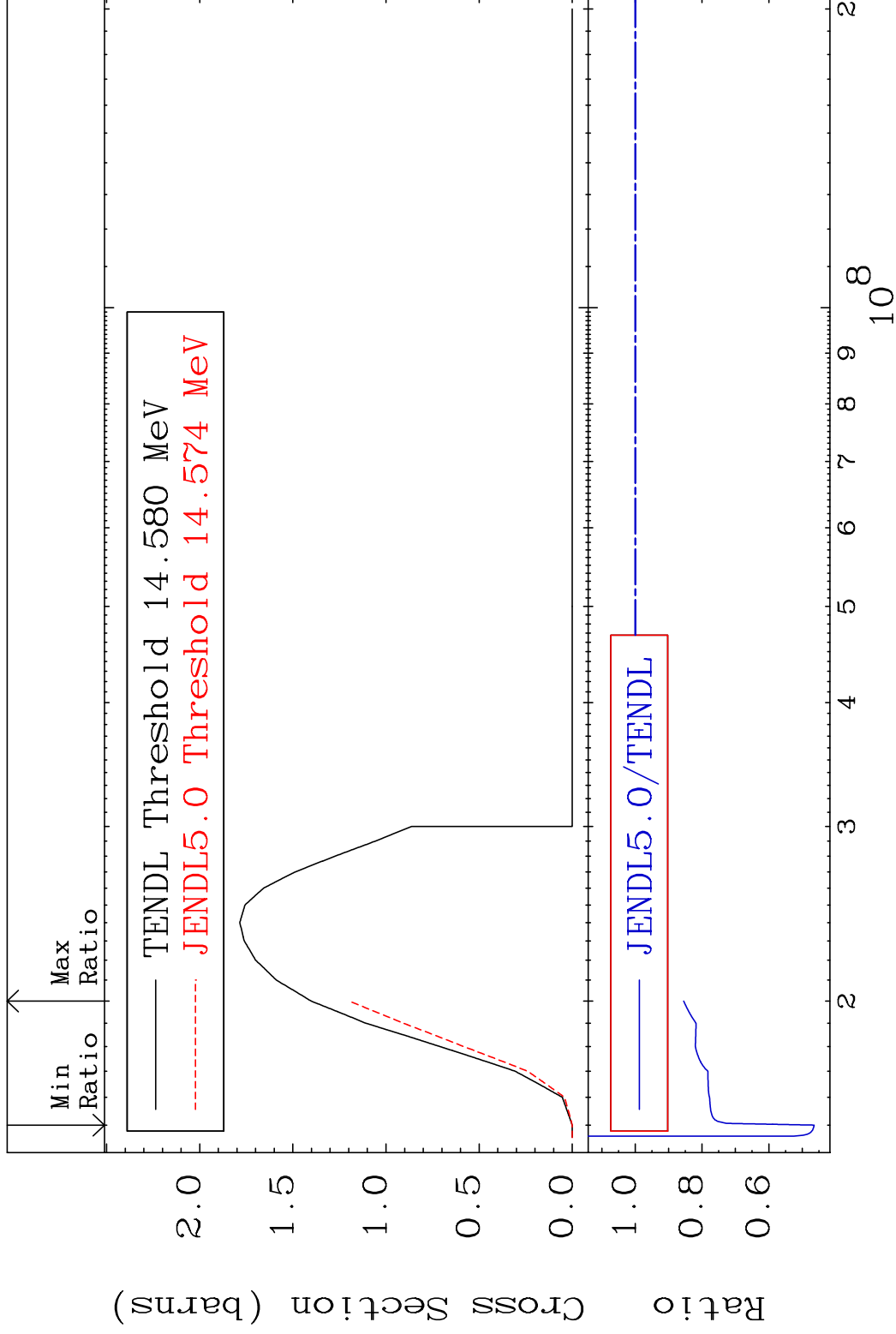
81-Tl-204

MAT 8128

(n,3n)

81-Tl-204

Cross Section -53.56 To -14.50%



5

Incident Energy (eV)

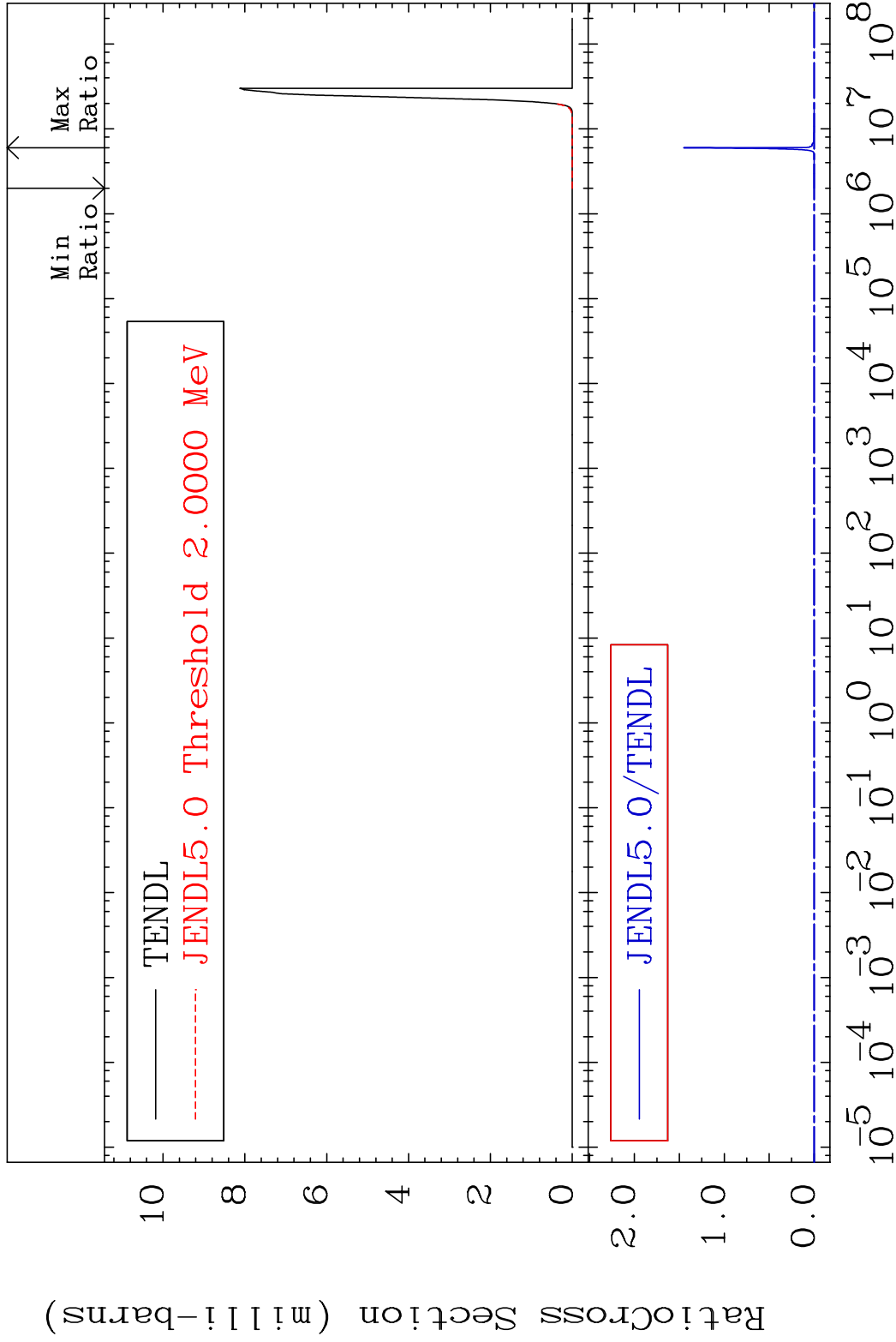
81-Tl-204

MAT 8128

(n, n') α

81-Tl-204

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

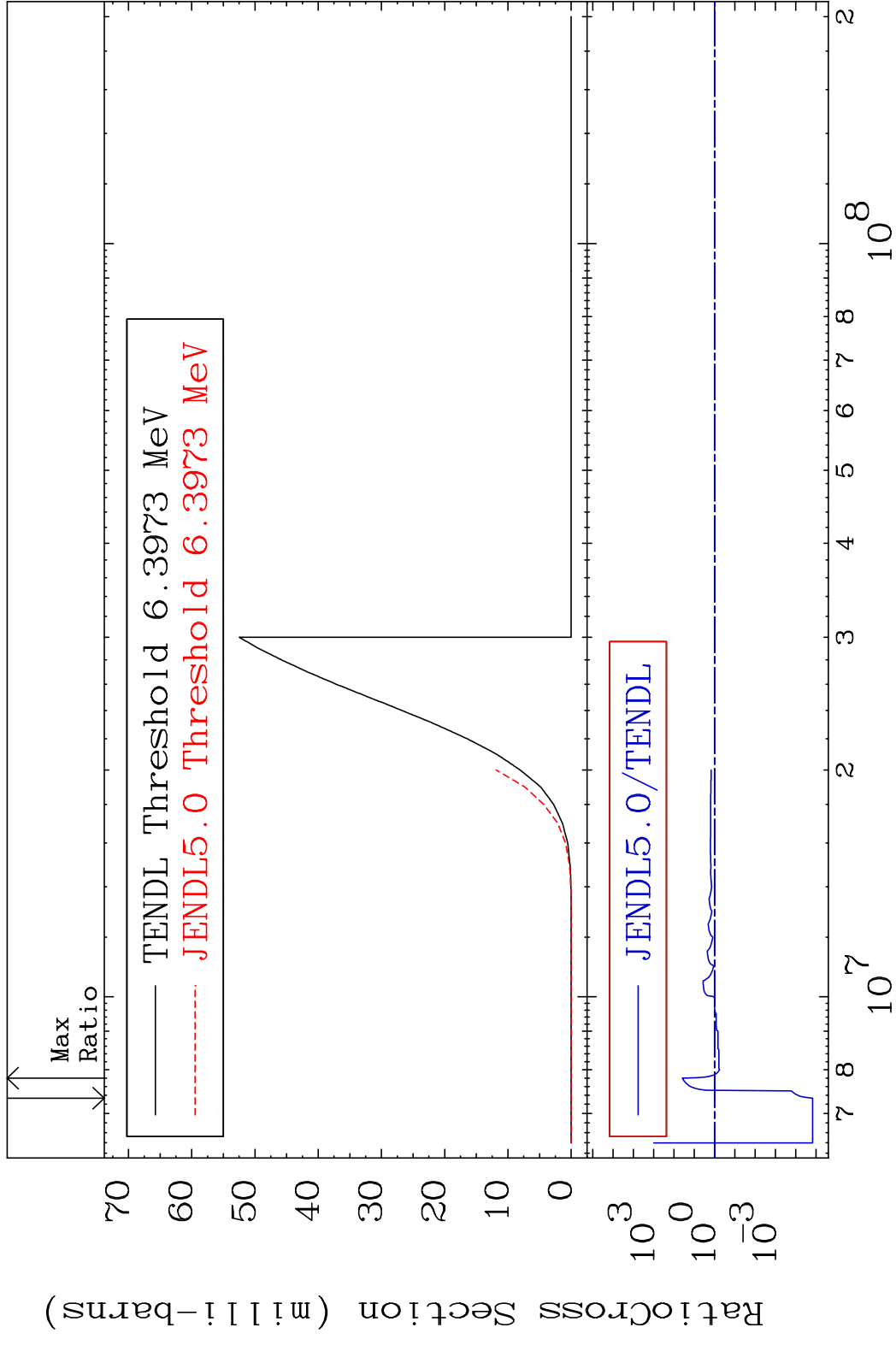
81-Tl-204

MAT 8128

(n, n') p

81-Tl-204

Cross Section -100.0 To 3744. %

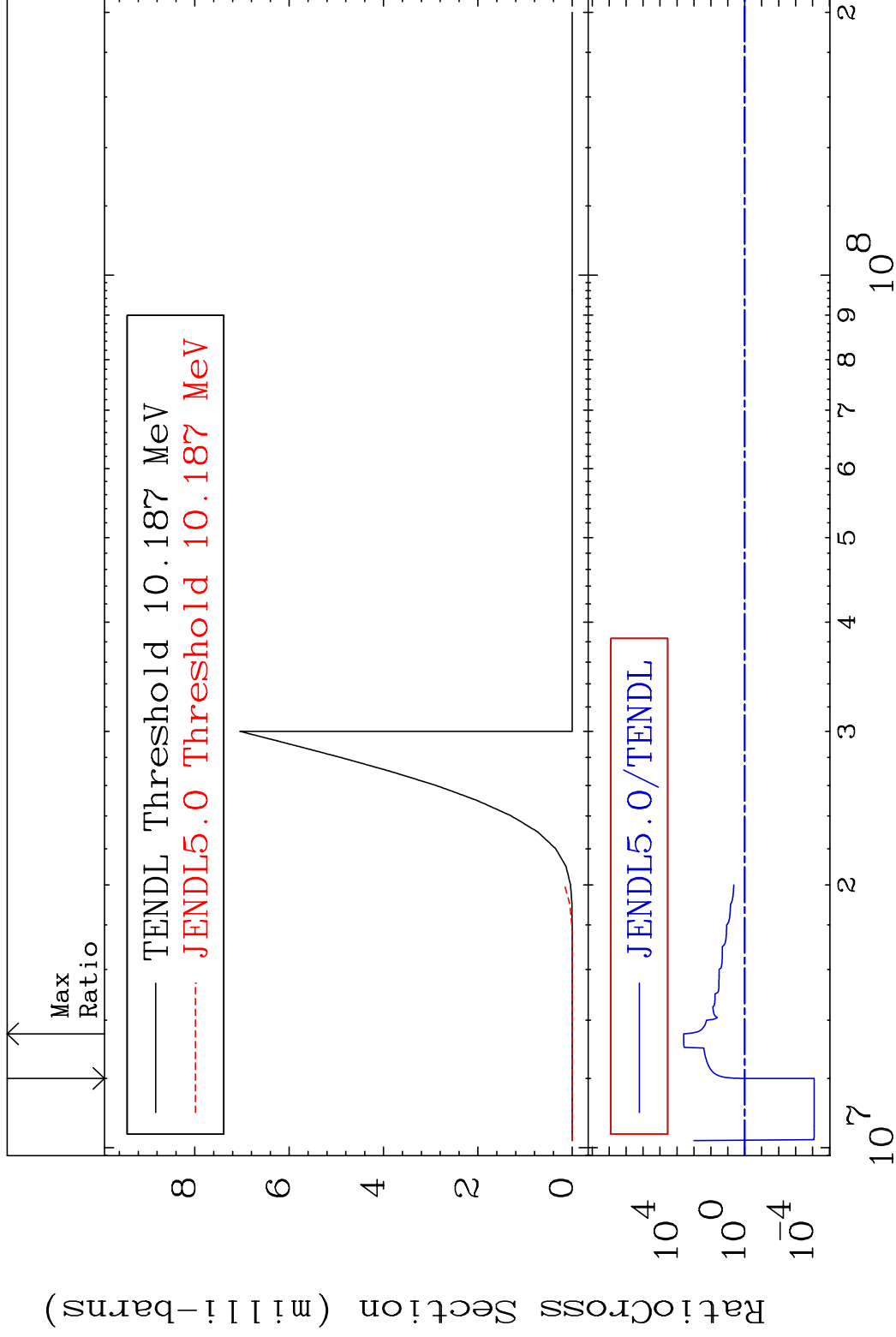


MAT 8128

(n, n') d

81-Tl-204

Cross Section -99.99 To 9999. %



8

Incident Energy (eV)

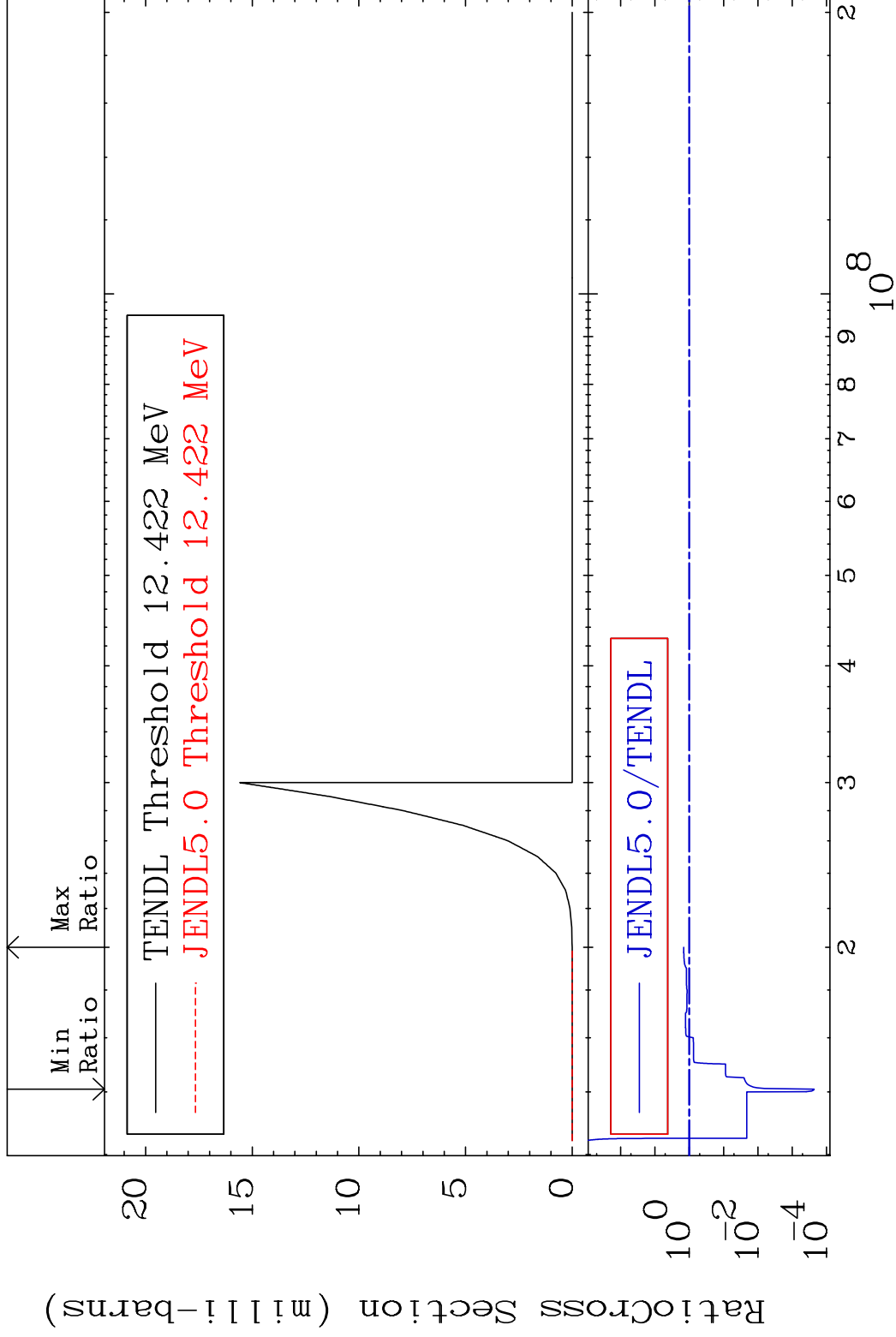
81-Tl-204

MAT 8128

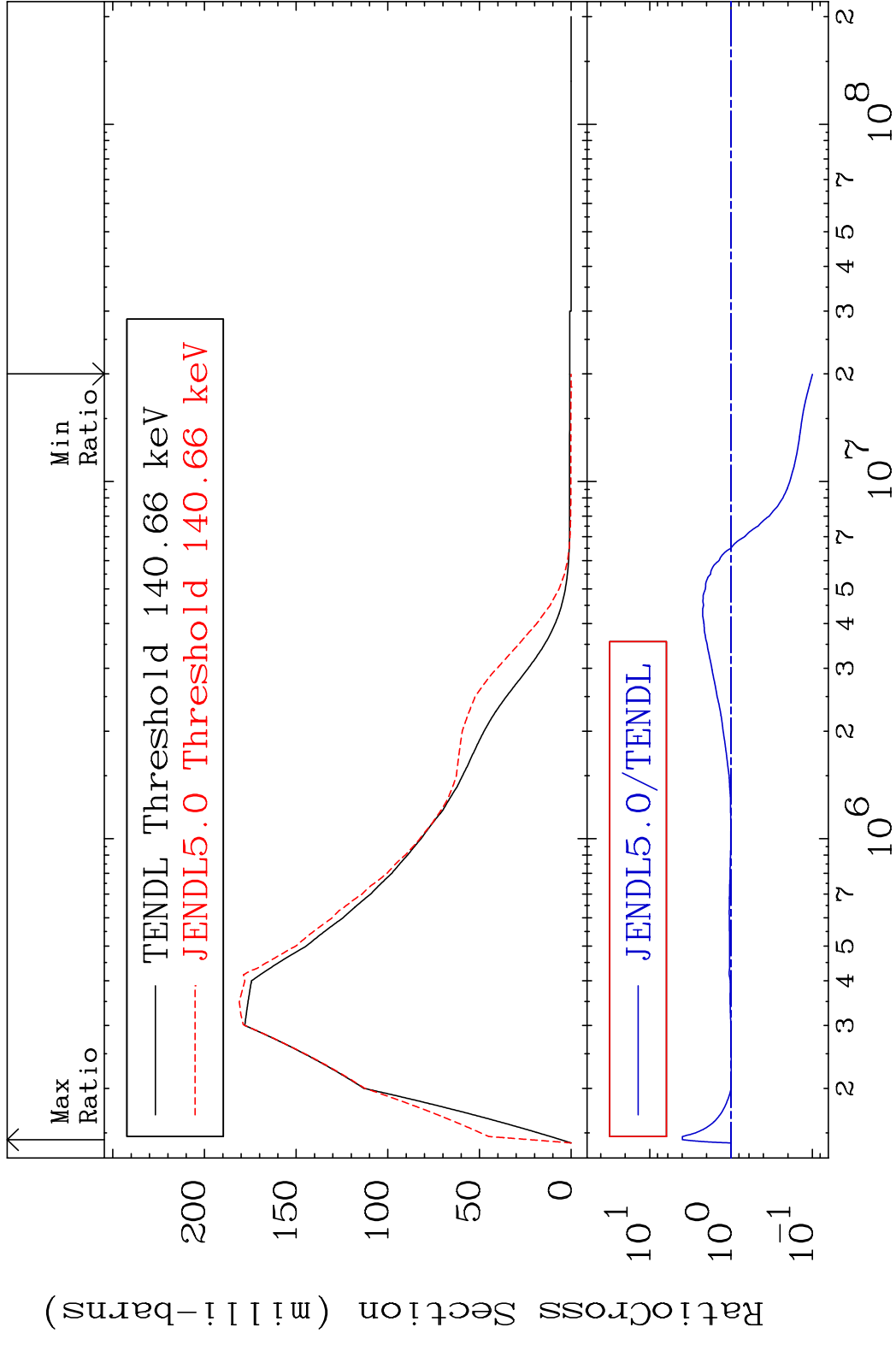
(n,2n) p

81-Tl-204

Cross Section -99.98 To 45.60 %

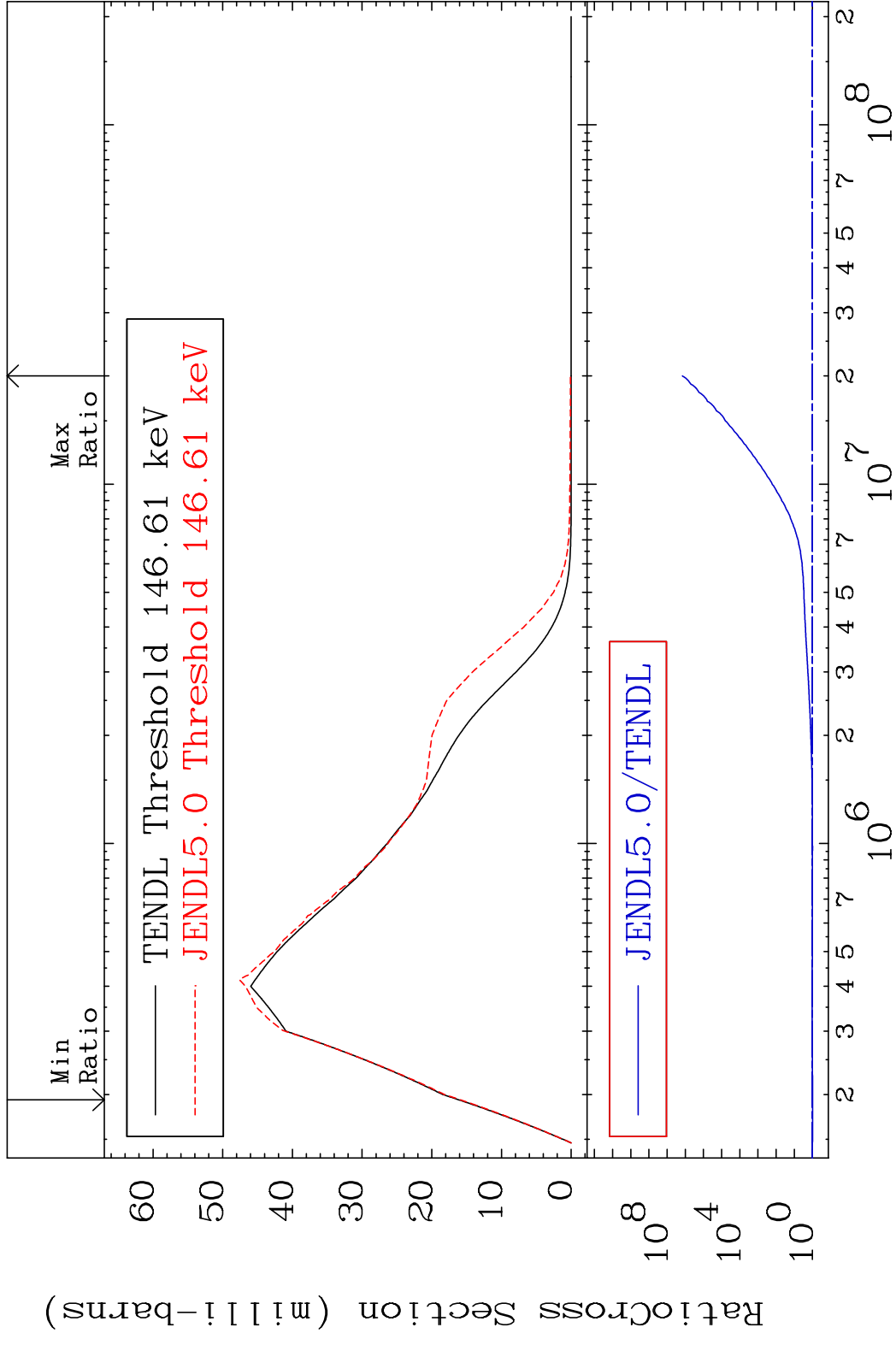


MAT 8128 MT= 51 (n, n') Level 81-Tl-204
 Cross Section -90.06 To 296.6 %

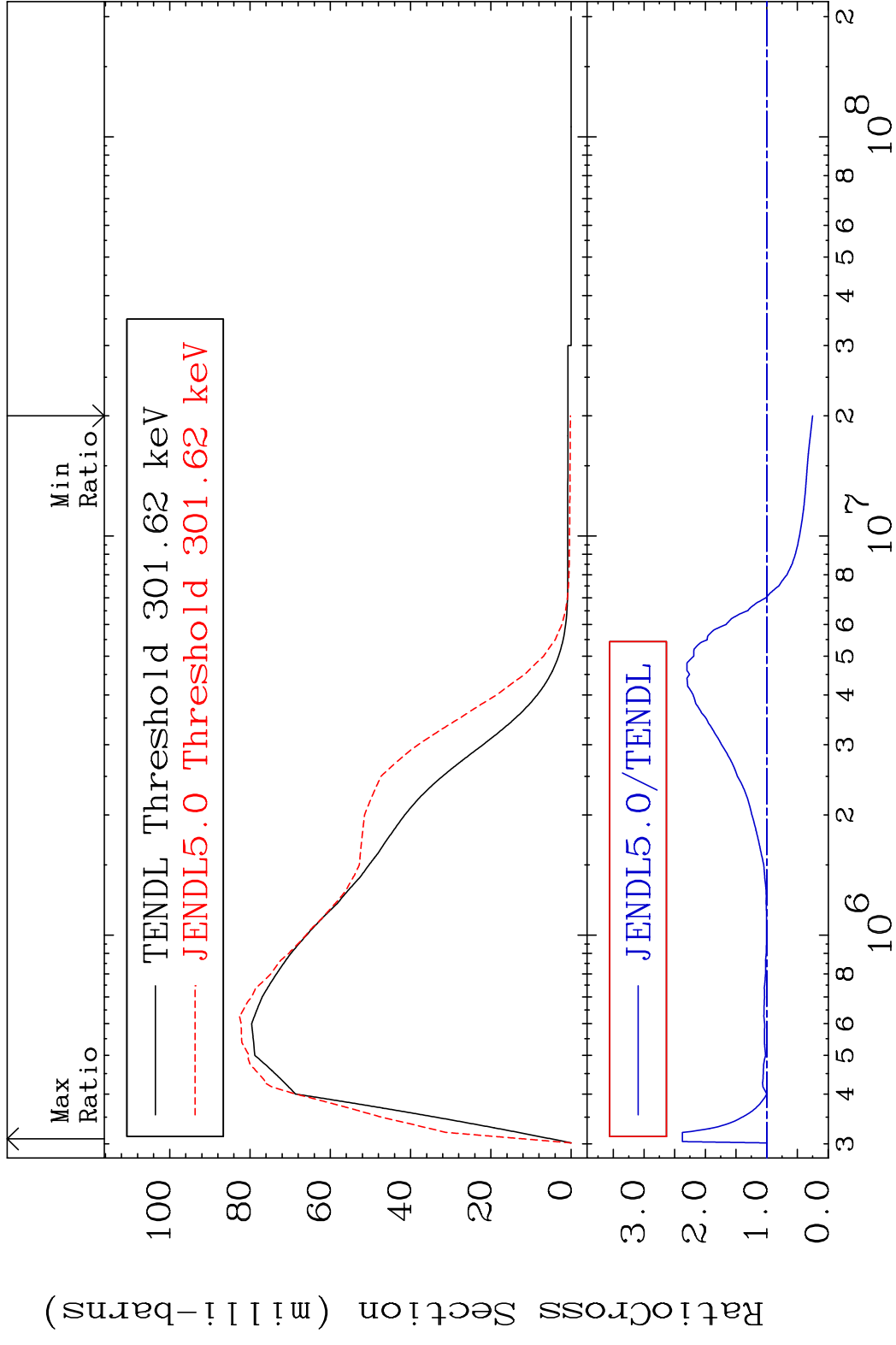


10 Incident Energy (eV) 81-Tl-204

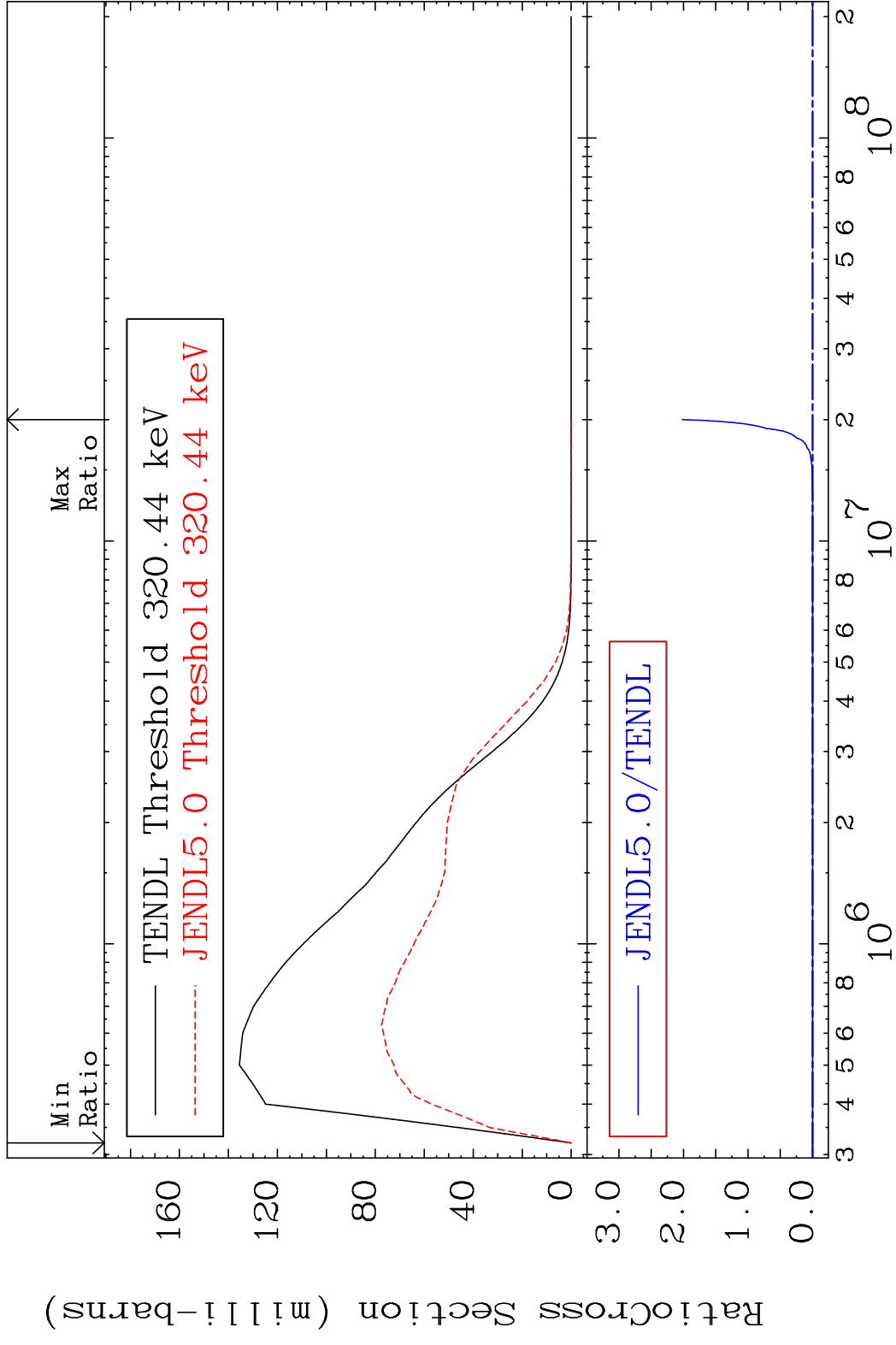
MAT 8128 MT= 52 (n,n') Level 81-Tl-204
 Cross Section -1.385 To 9999. %



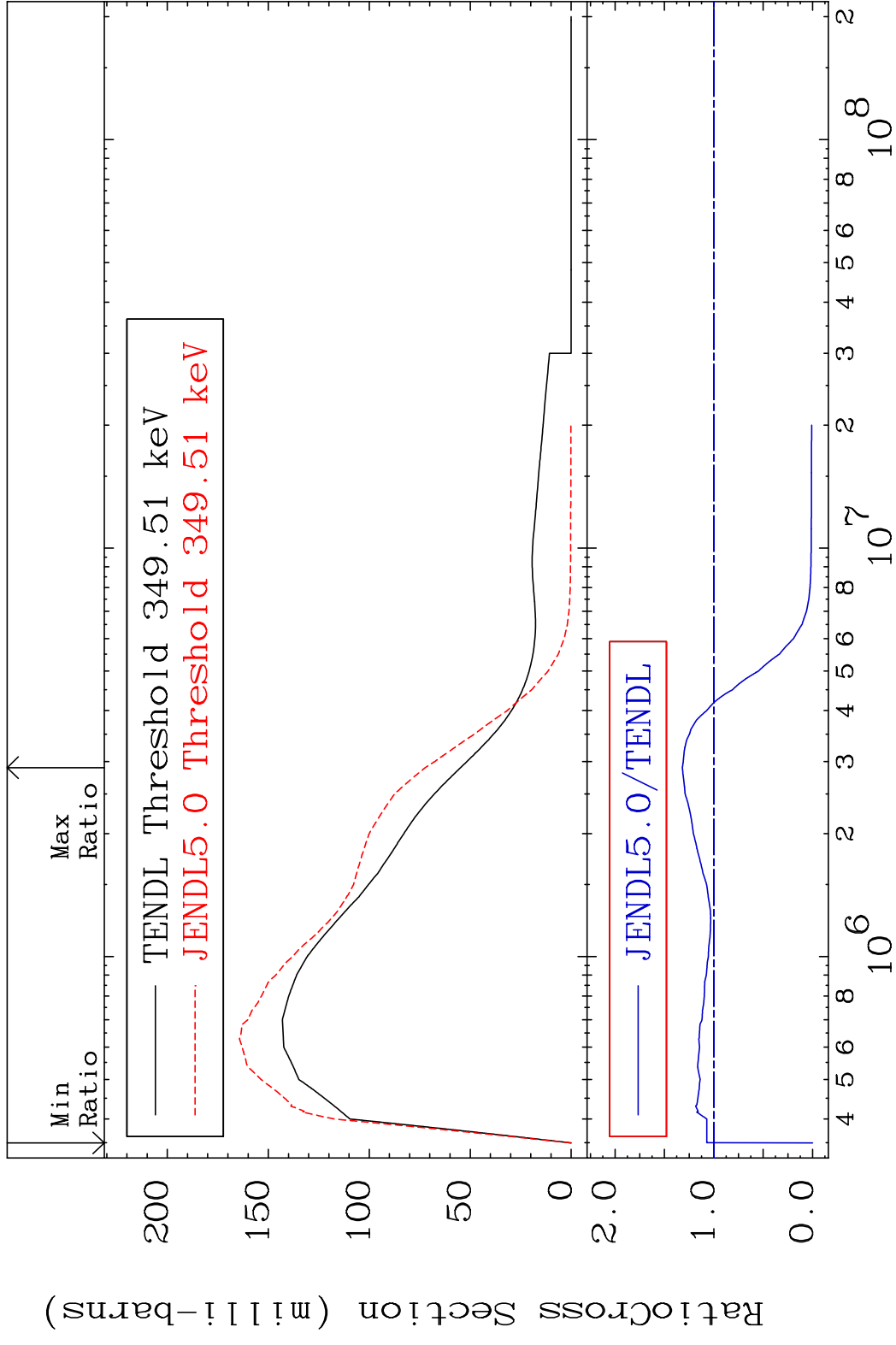
MAT 8128 MT= 53 (n, n') Level 81-Tl-204
 Cross Section -74.77 To 137.5 %



MAT 8128 MT= 54 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %

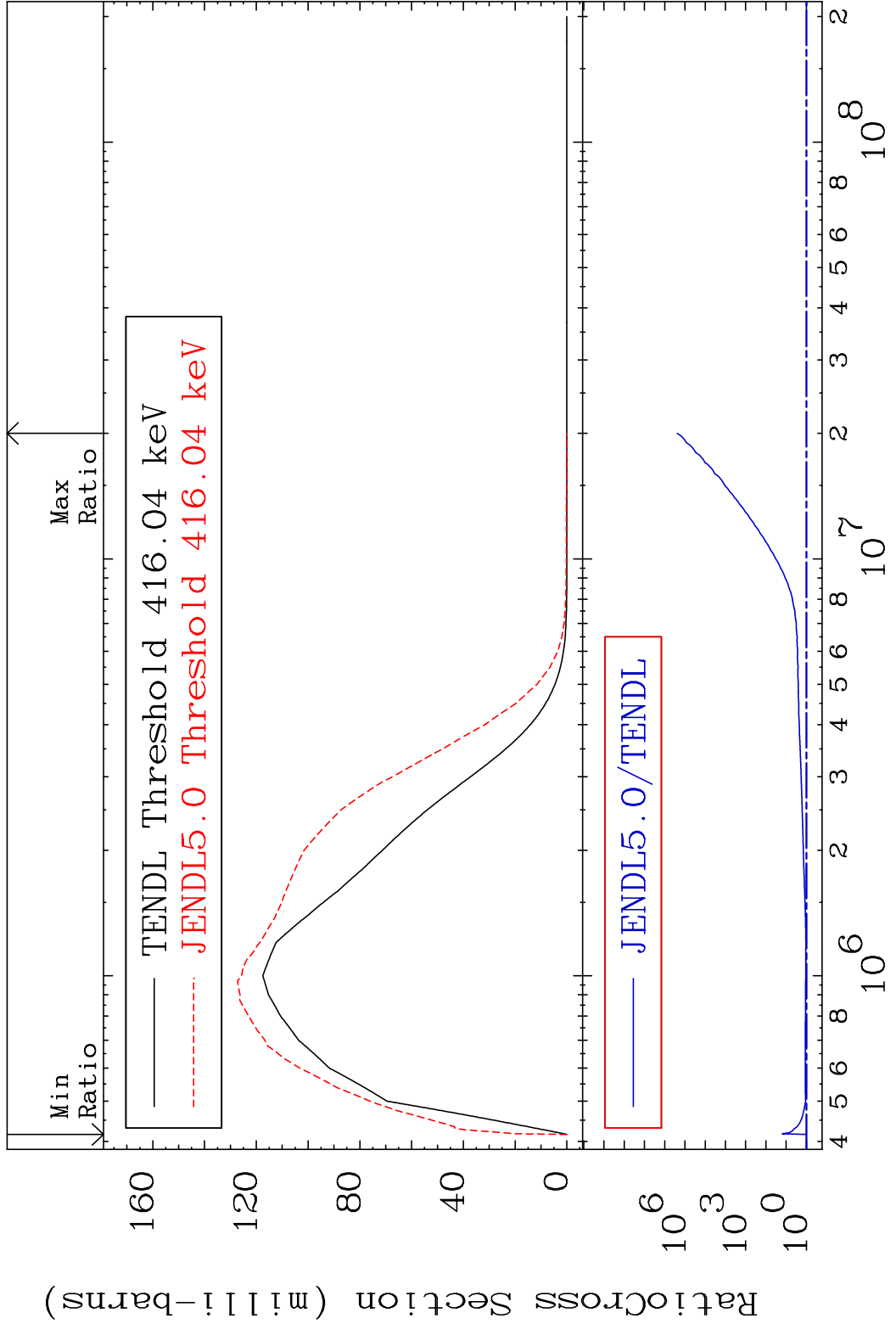


MAT 8128 MT= 55 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 31.86 %

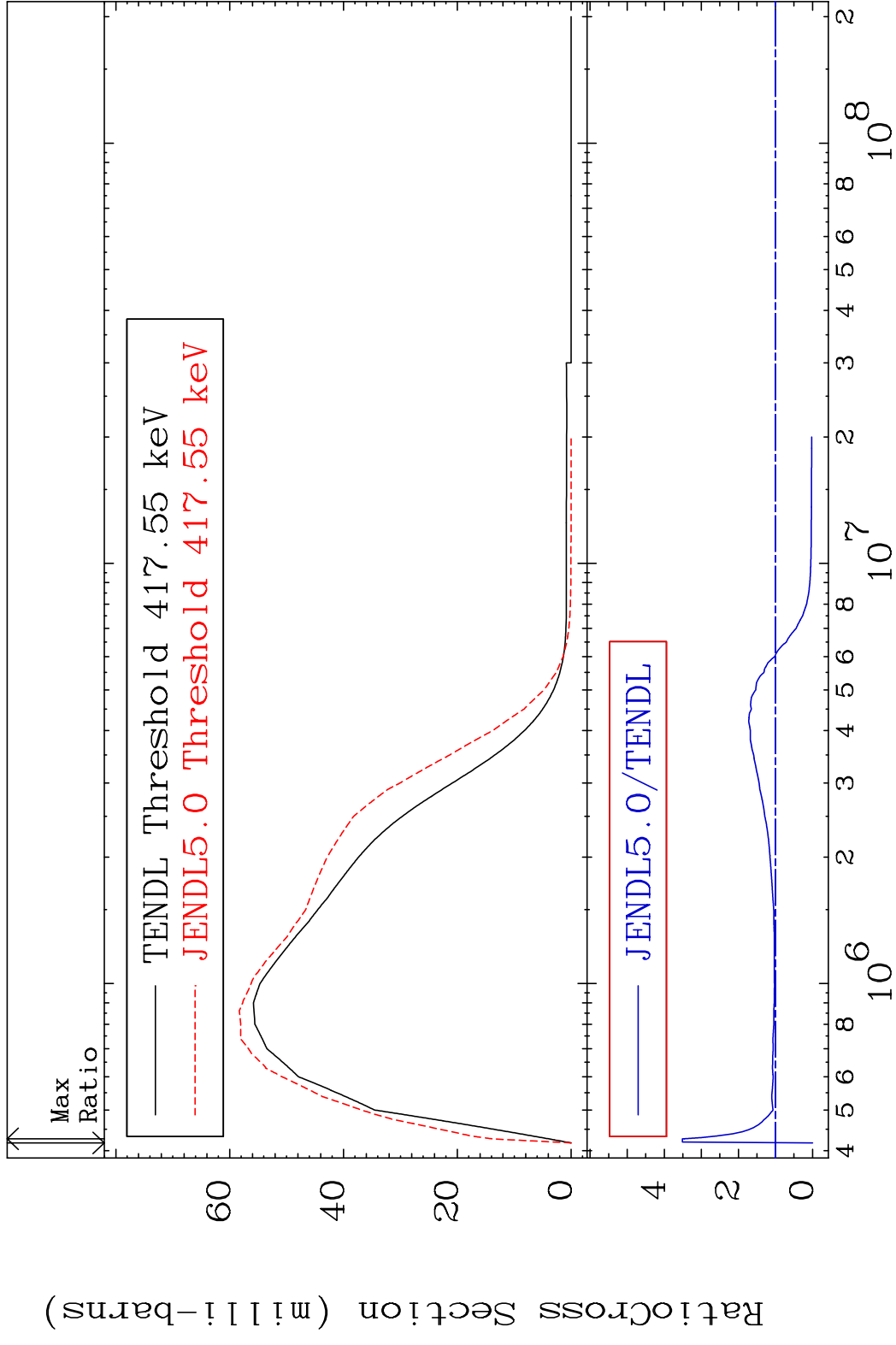


14 Incident Energy (eV) 81-Tl-204

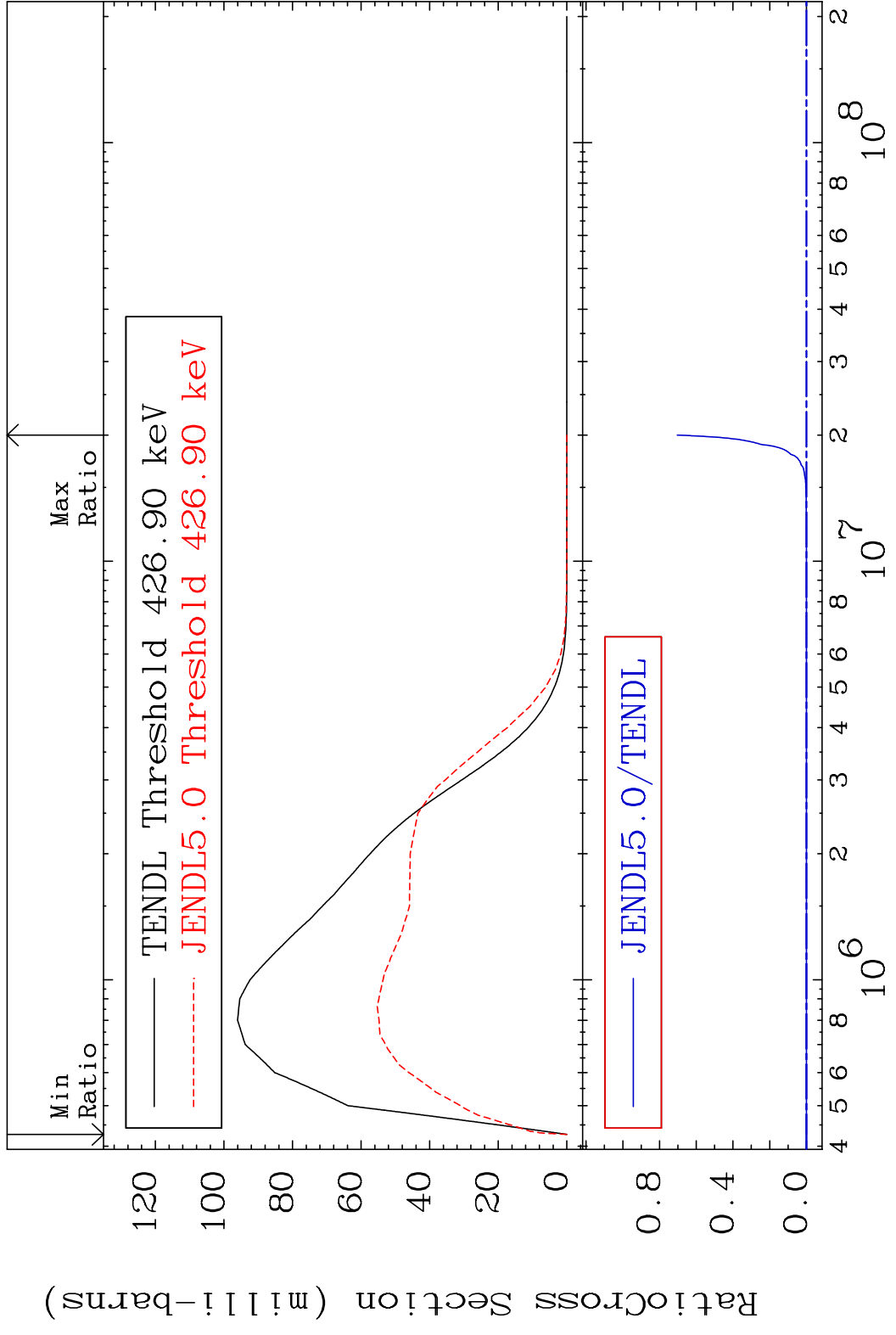
MAT 8128 MT= 56 (n, n') Level 81-Tl-204
 Cross Section 0.000 To 9999. %



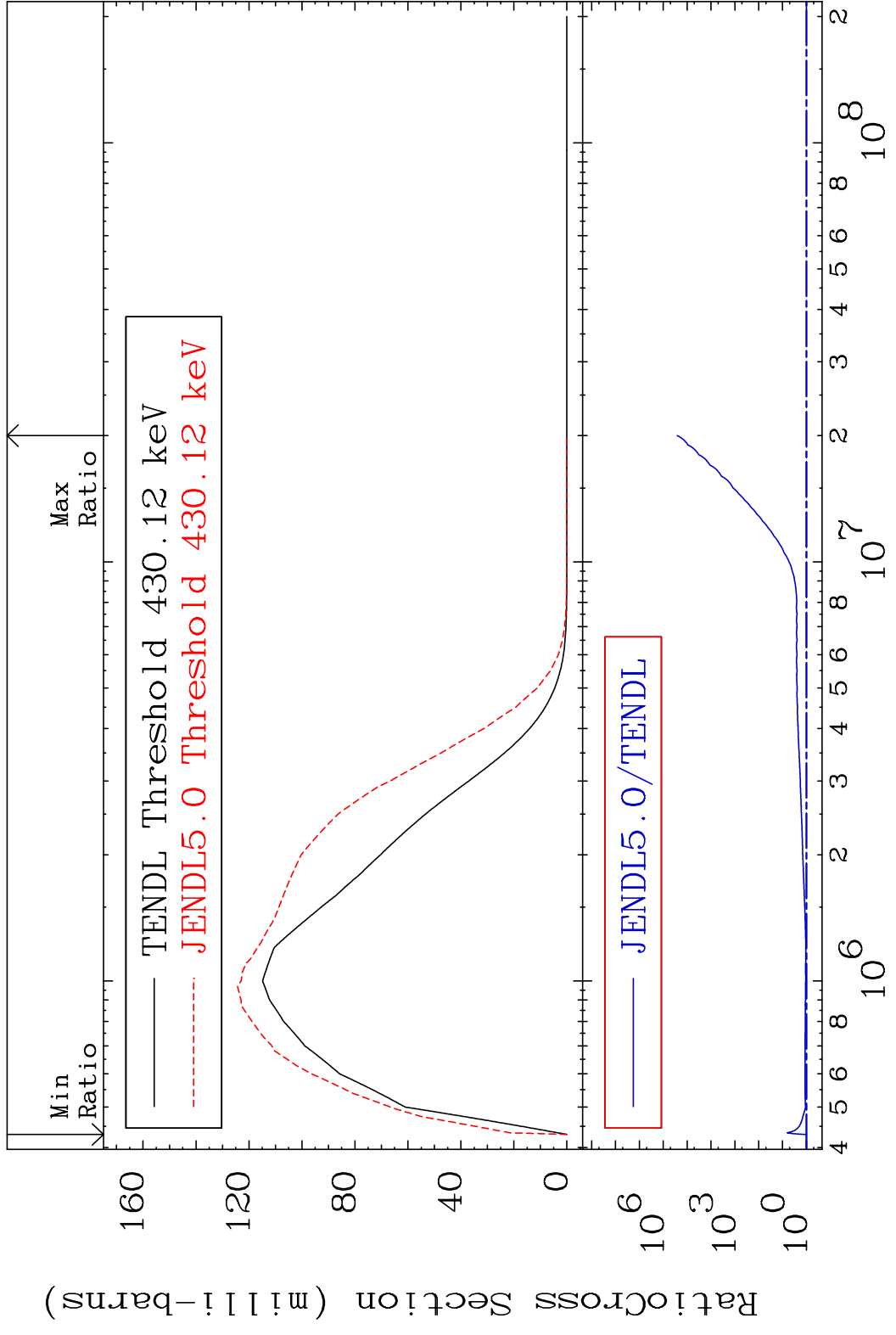
MAT 8128 MT= 57 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 251.2 %



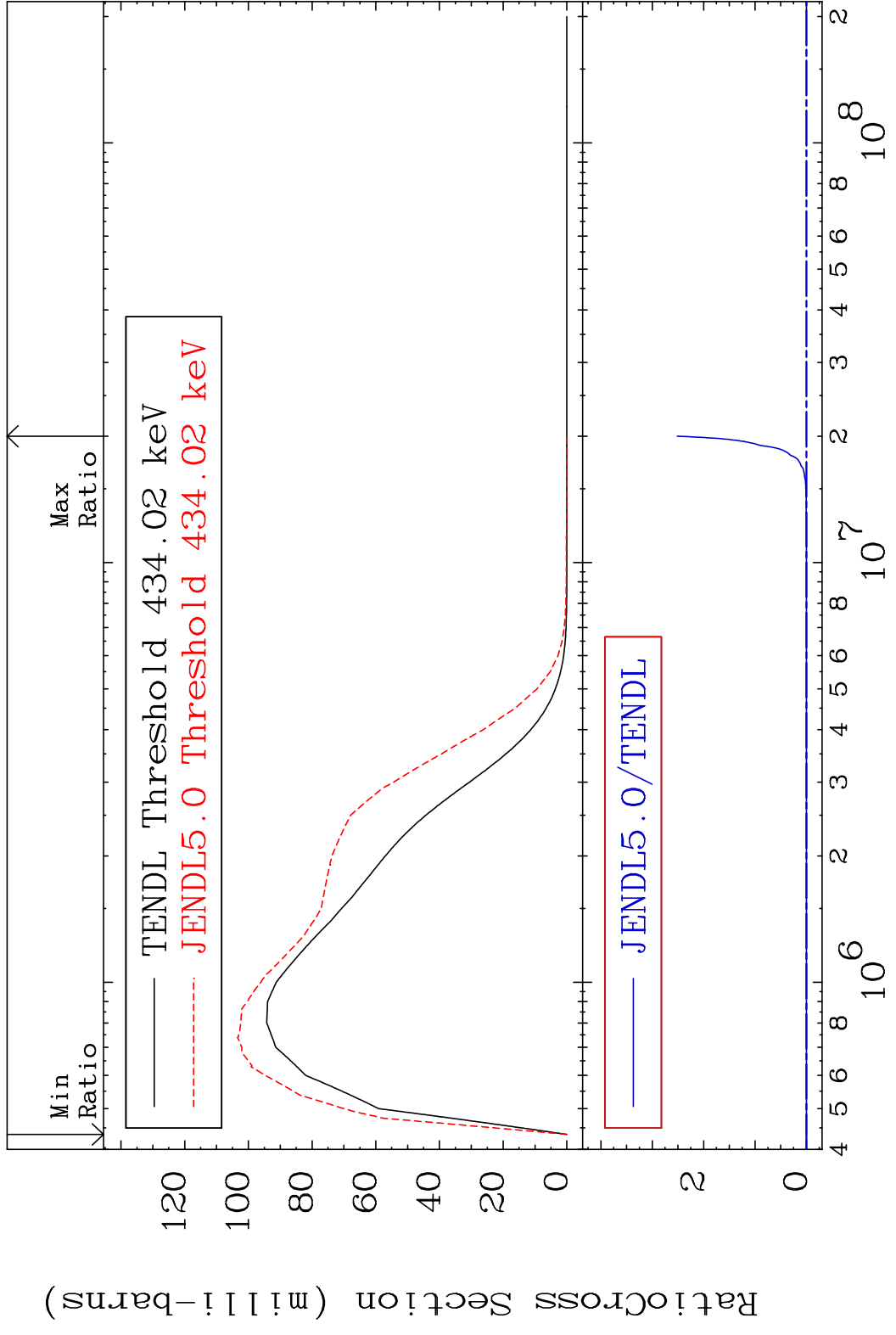
MAT 8128 MT= 58 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %



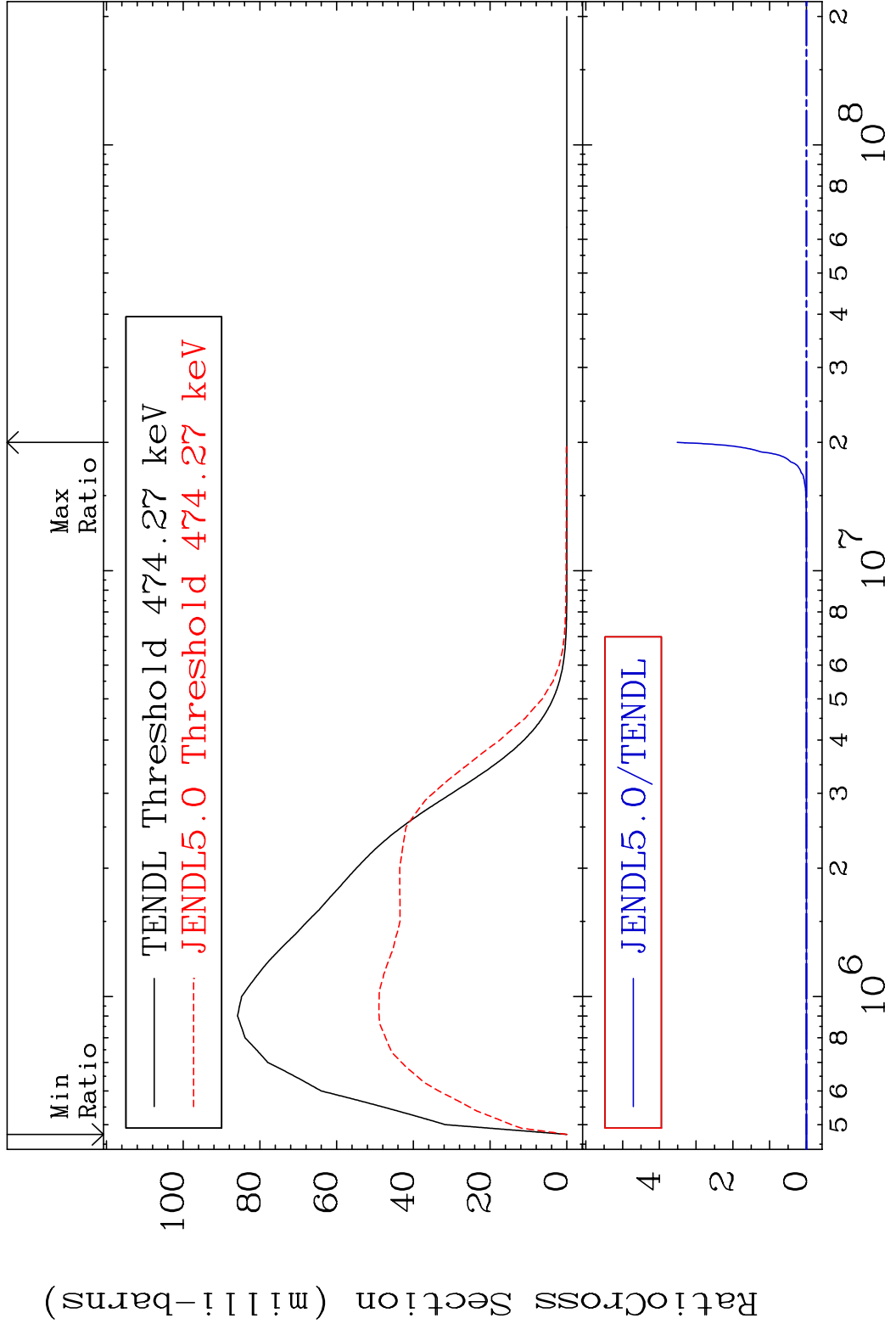
MAT 8128 MT= 59 (n, n') Level 81-Tl-204
 Cross Section 0.000 To 9999. %



MAT 8128 MT= 60 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %

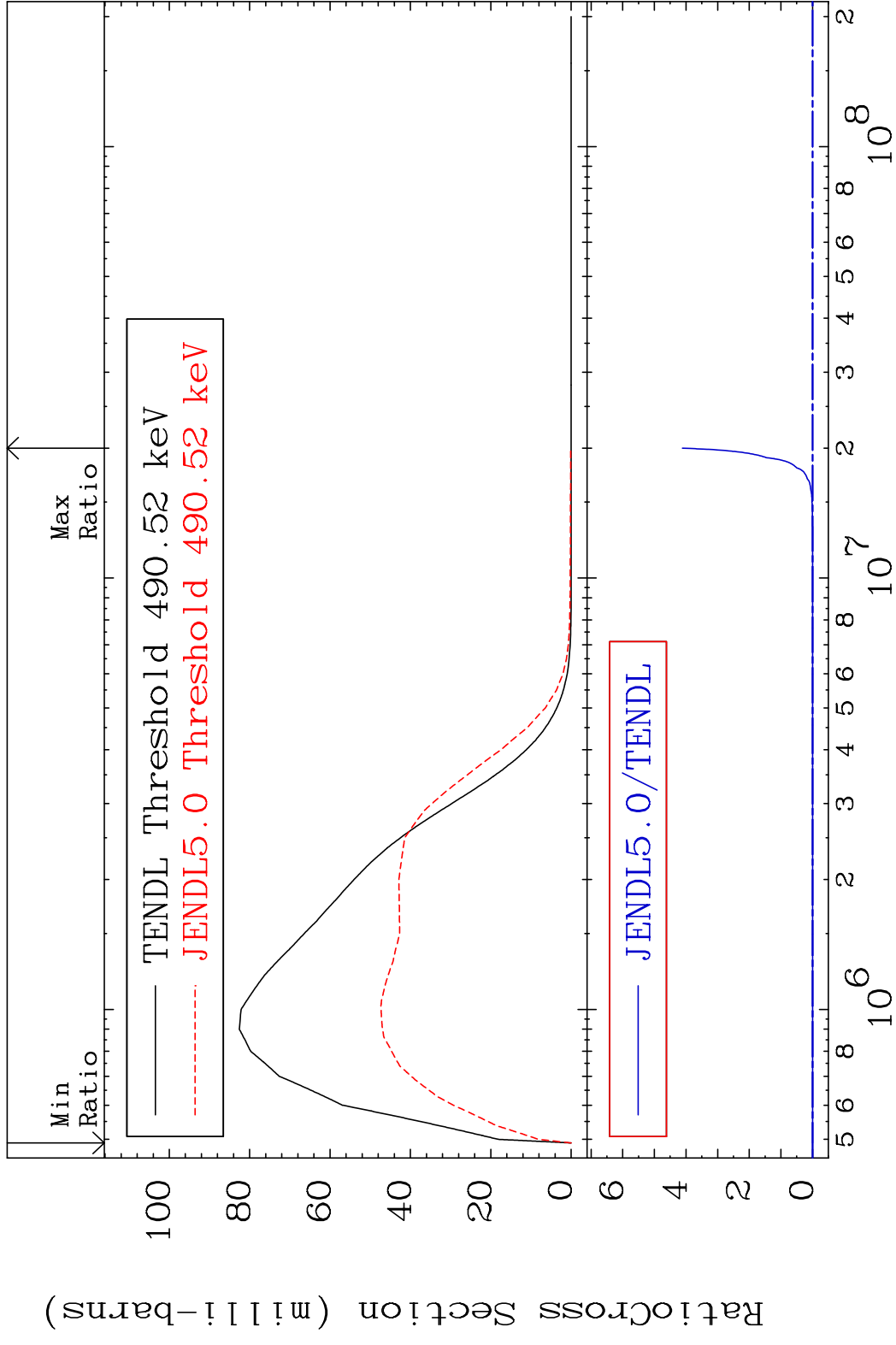


MAT 8128 MT= 61 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %

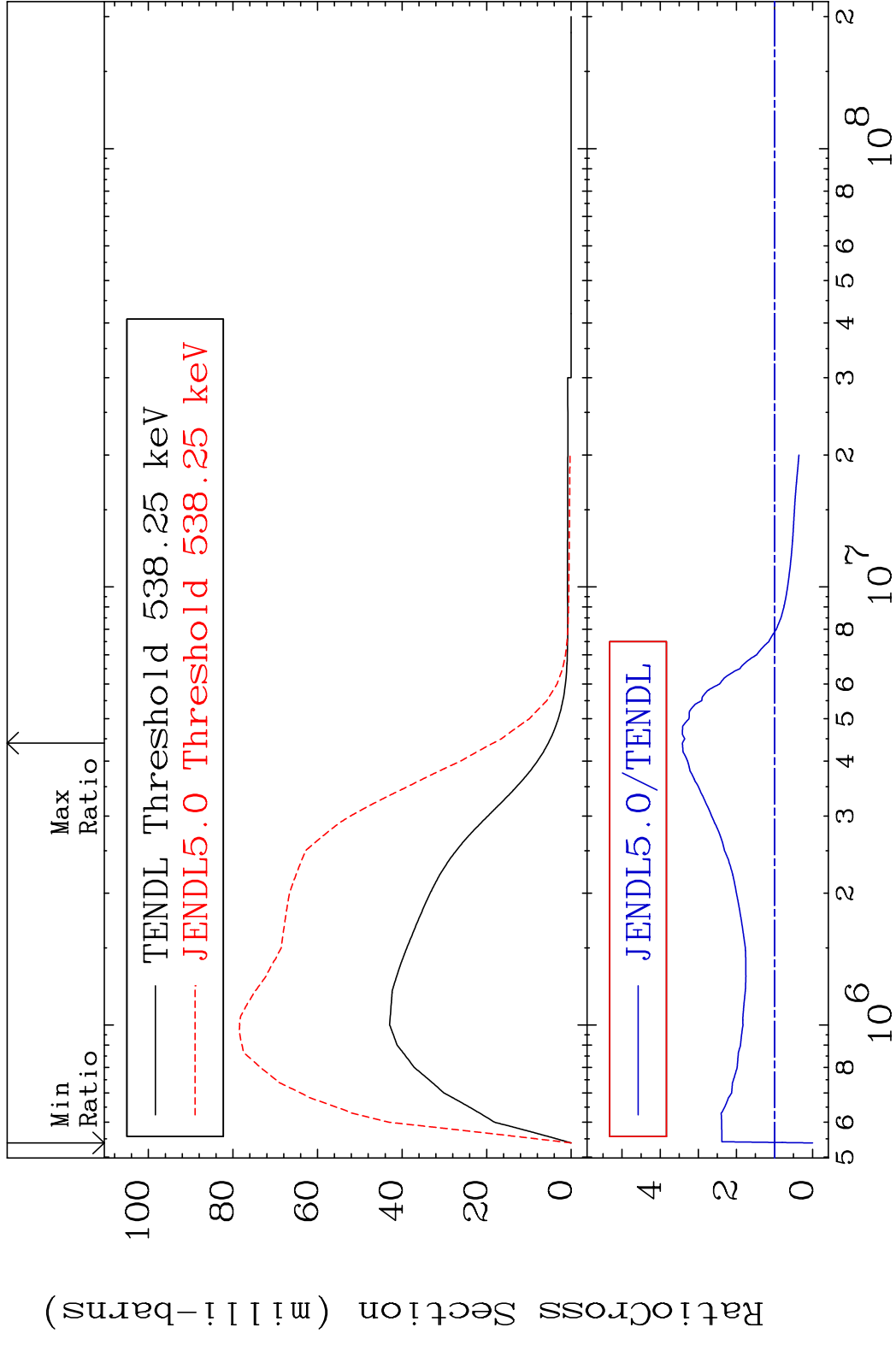


20 Incident Energy (eV) 81-Tl-204

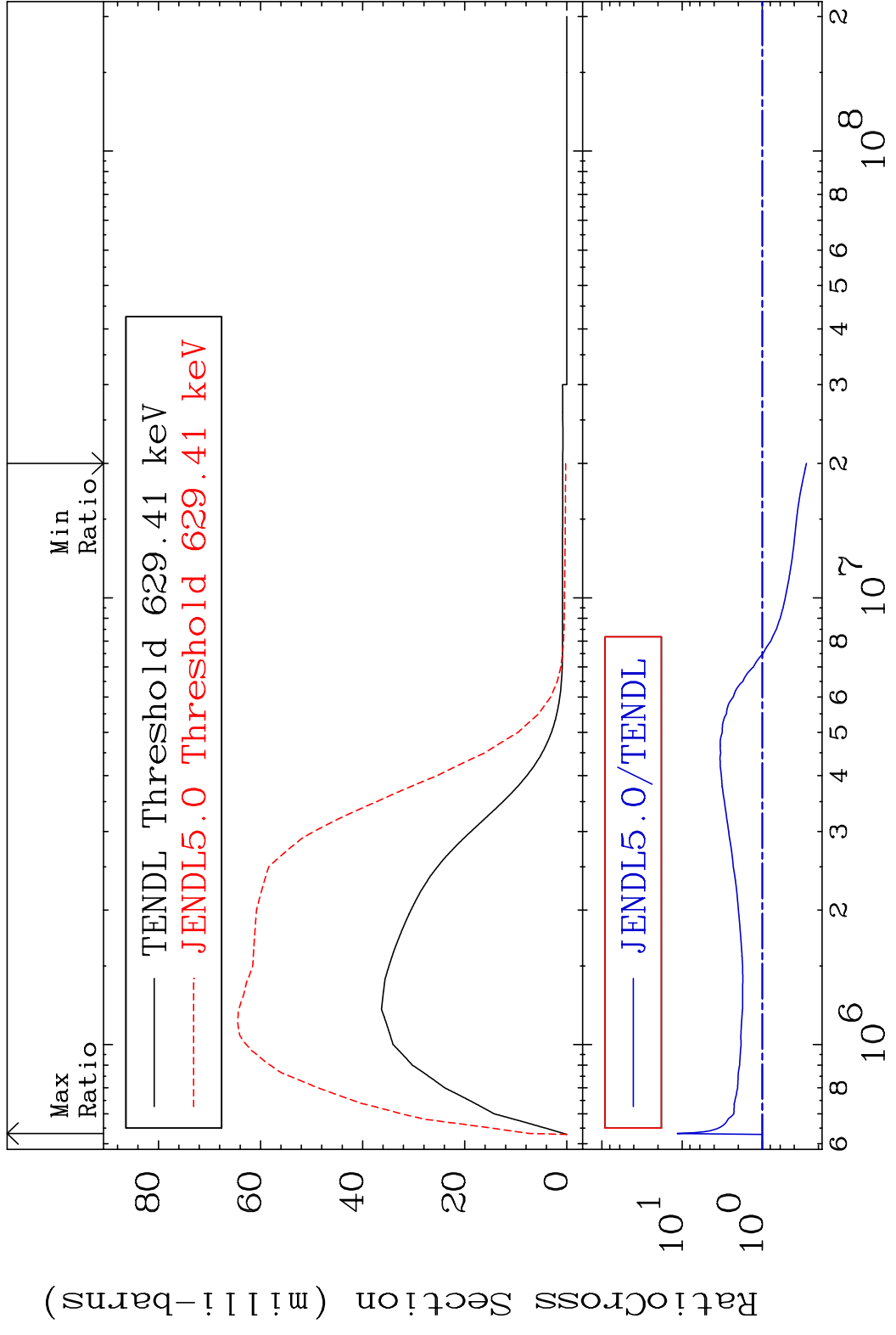
MAT 8128 MT= 62 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %



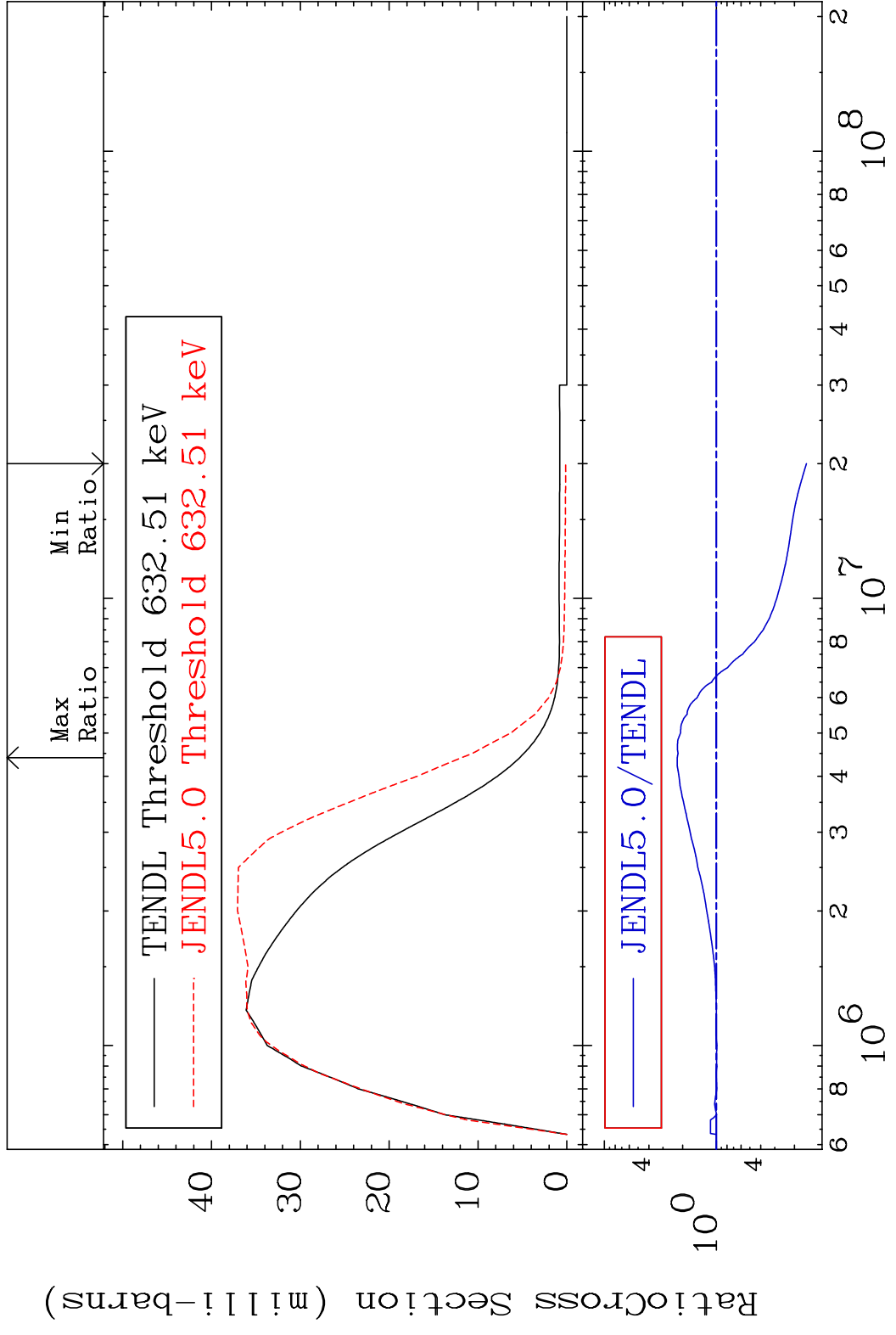
MAT 8128 MT= 63 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 241.7 %



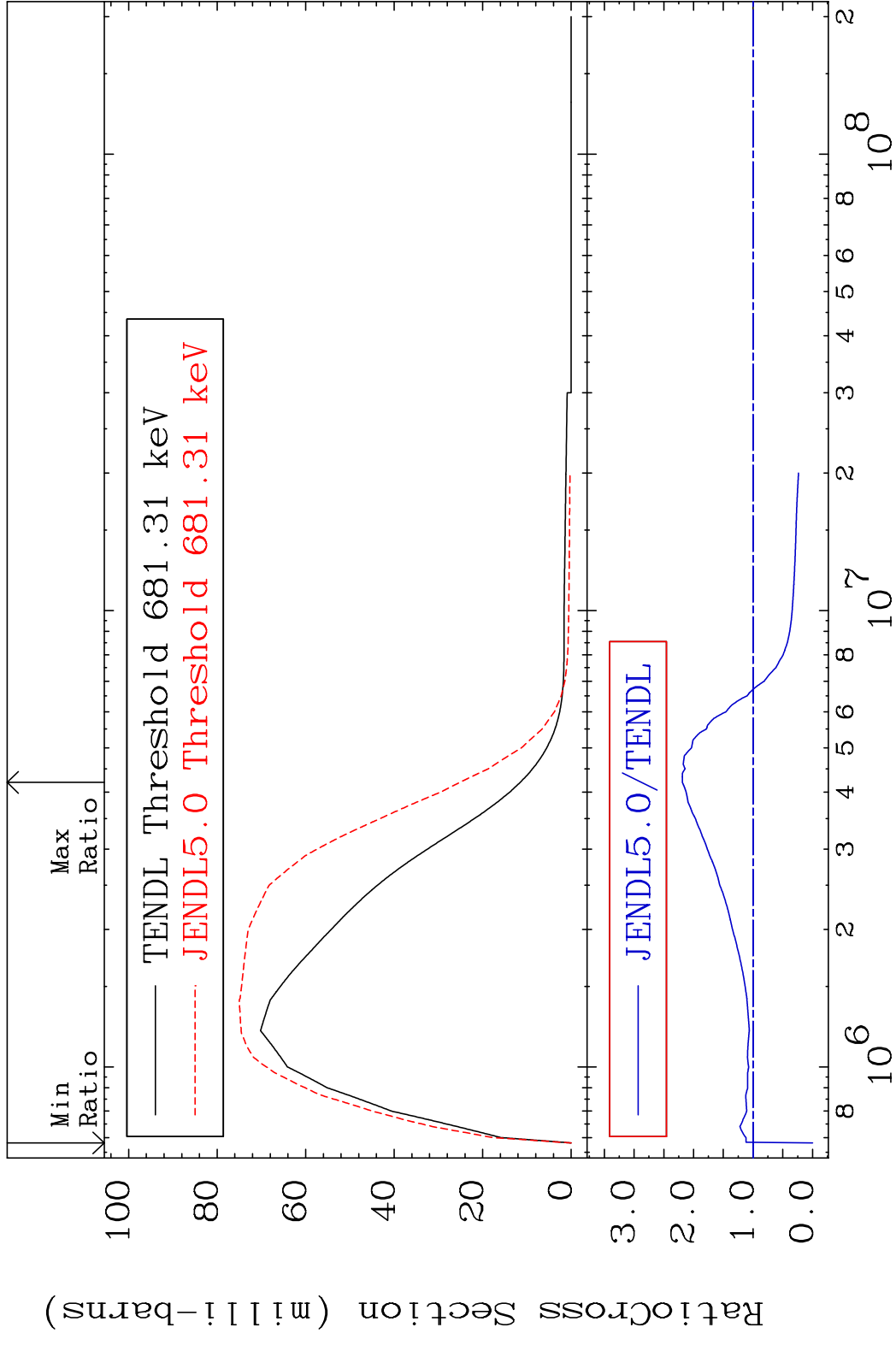
MAT 8128 MT= 64 (n, n') Level 81-Tl-204
 Cross Section -71.72 To 1053. %



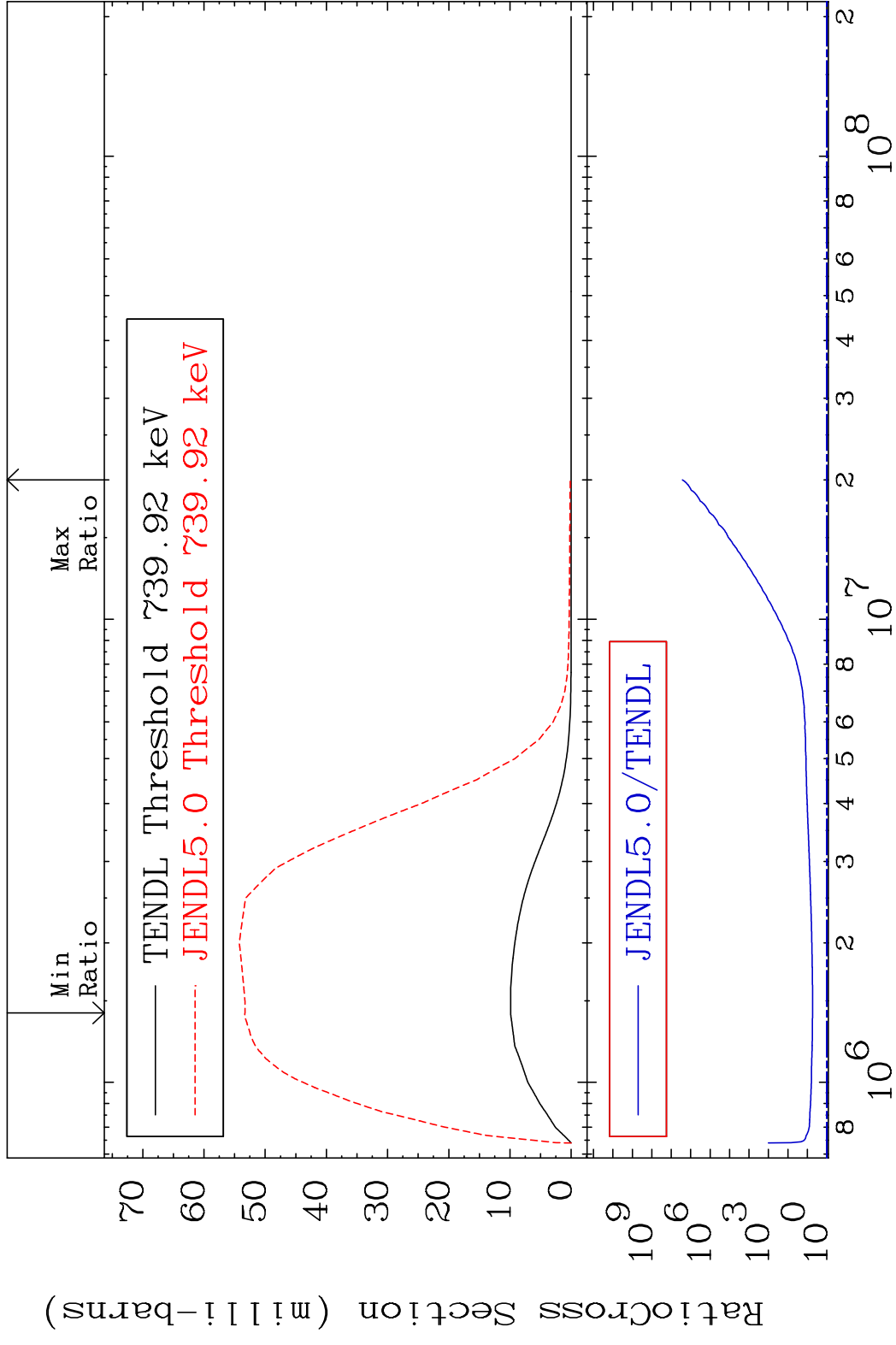
MAT 8128 MT= 65 (n, n') Level 81-Tl-204
 Cross Section -84.35 To 123.6 %



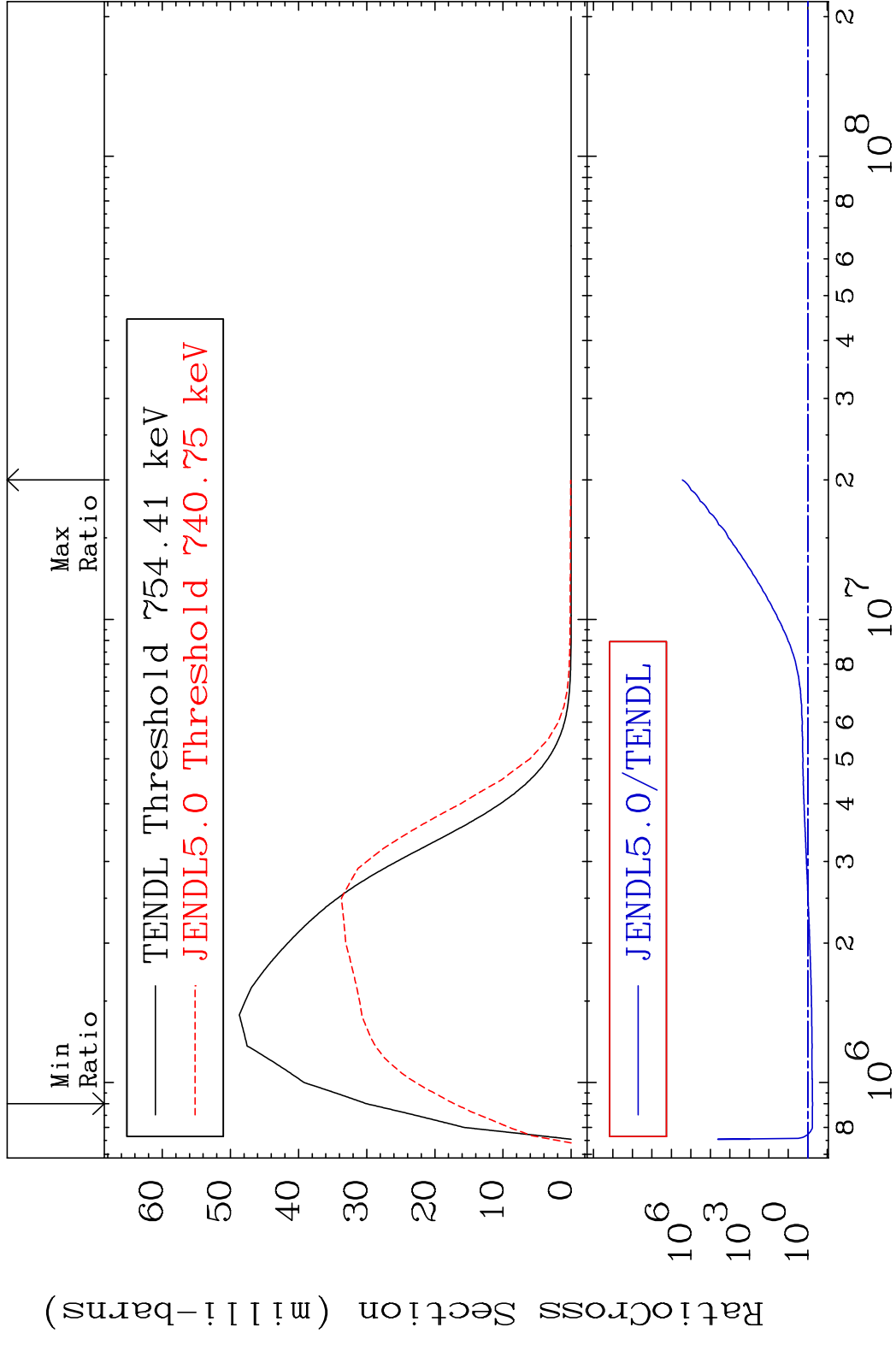
MAT 8128 MT= 66 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 118.8 %



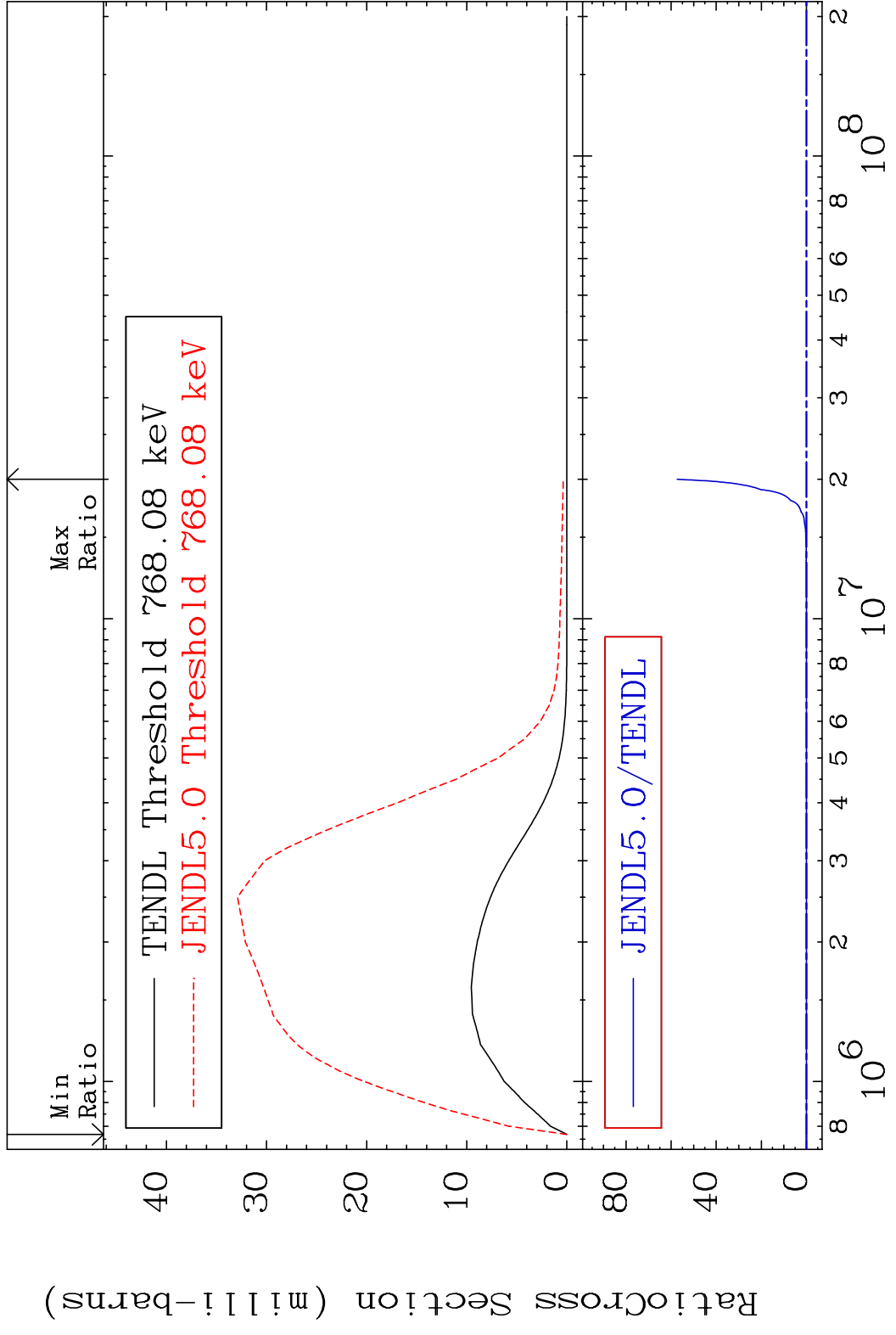
MAT 8128 MT= 67 (n, n') Level 81-Tl-204
 Cross Section 439.0 To 9999. %



MAT 8128 MT= 68 (n, n') Level 81-Tl-204
 Cross Section -42.94 To 9999. %

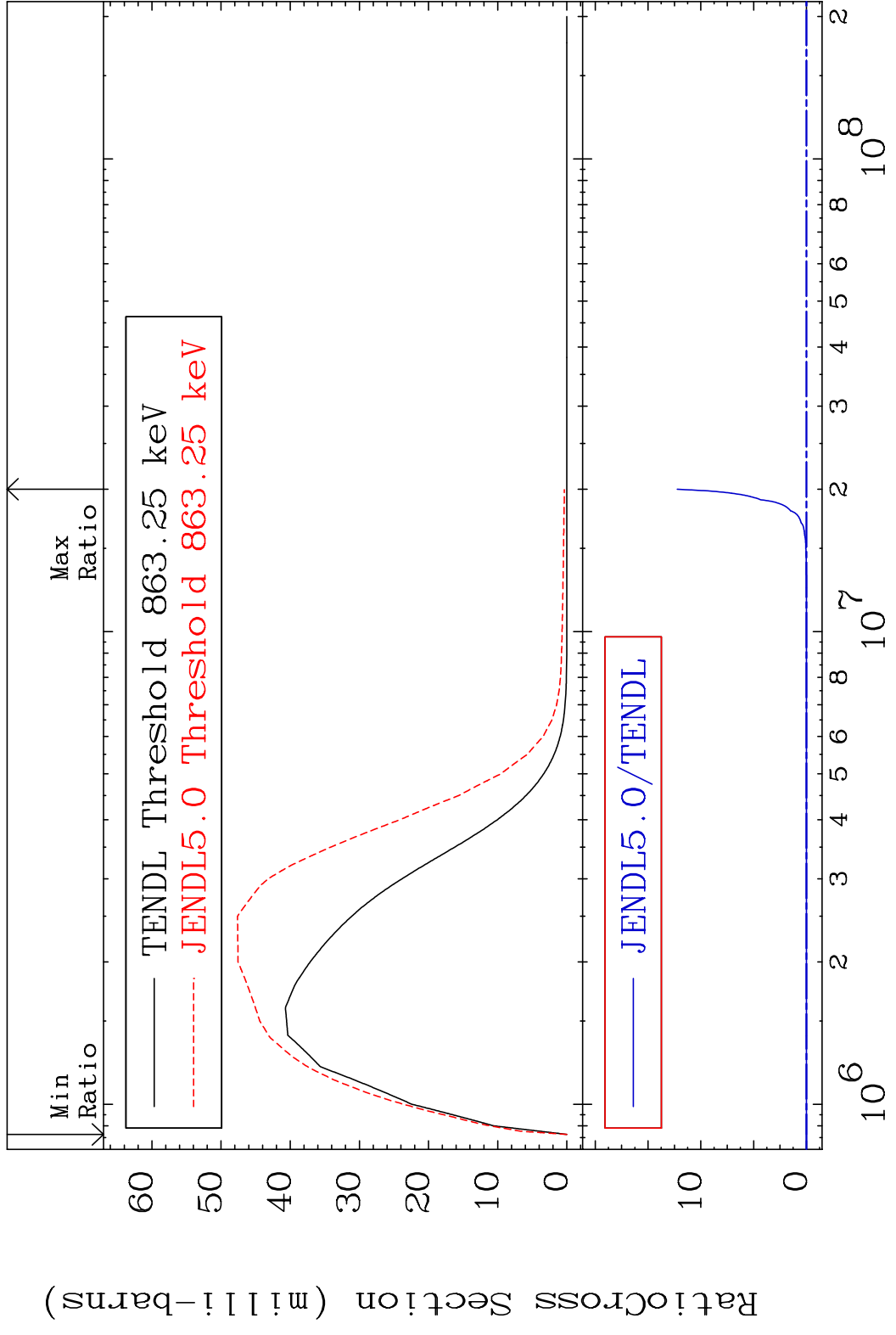


MAT 8128 MT= 69 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %



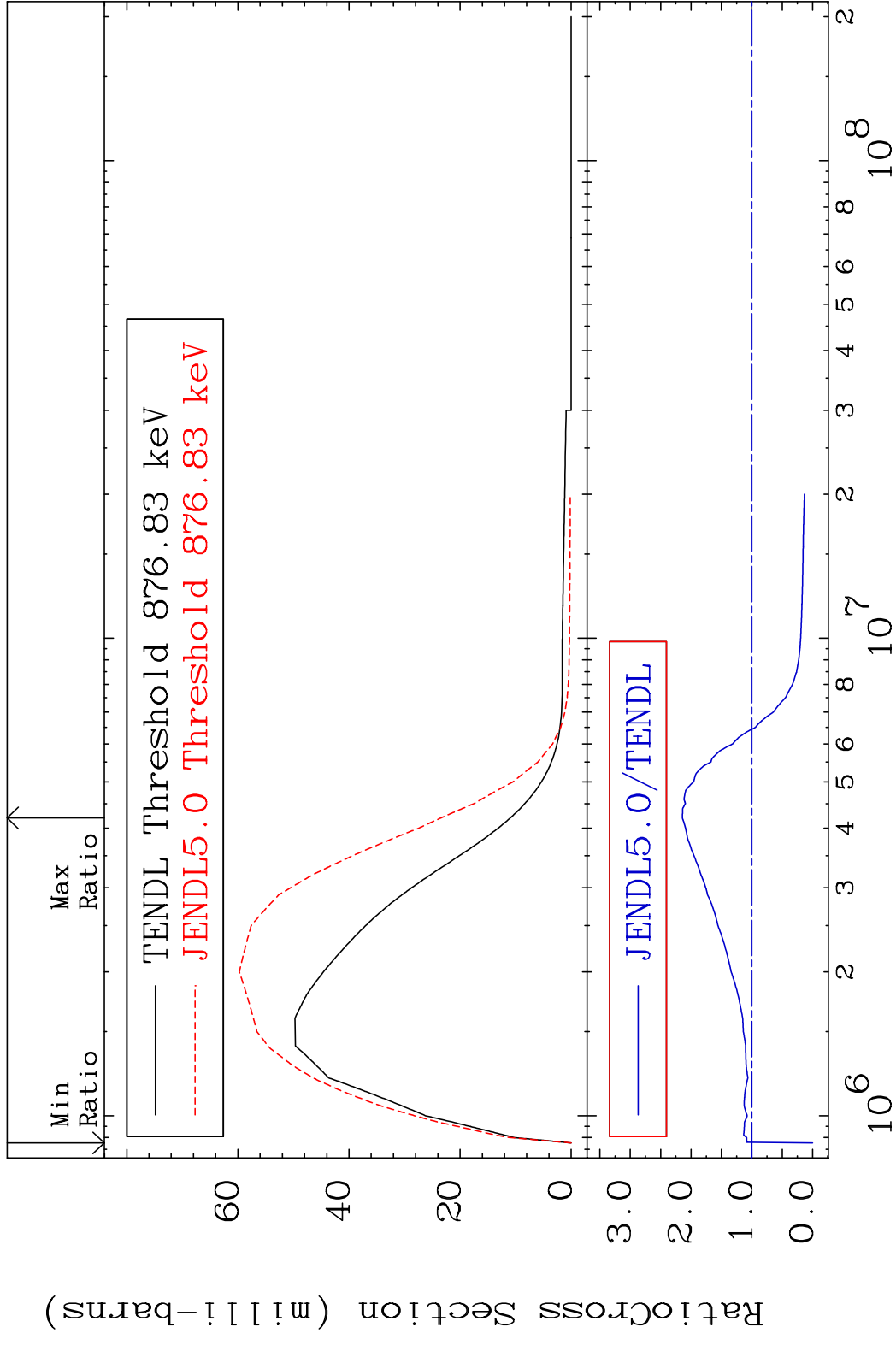
28 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 70 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %



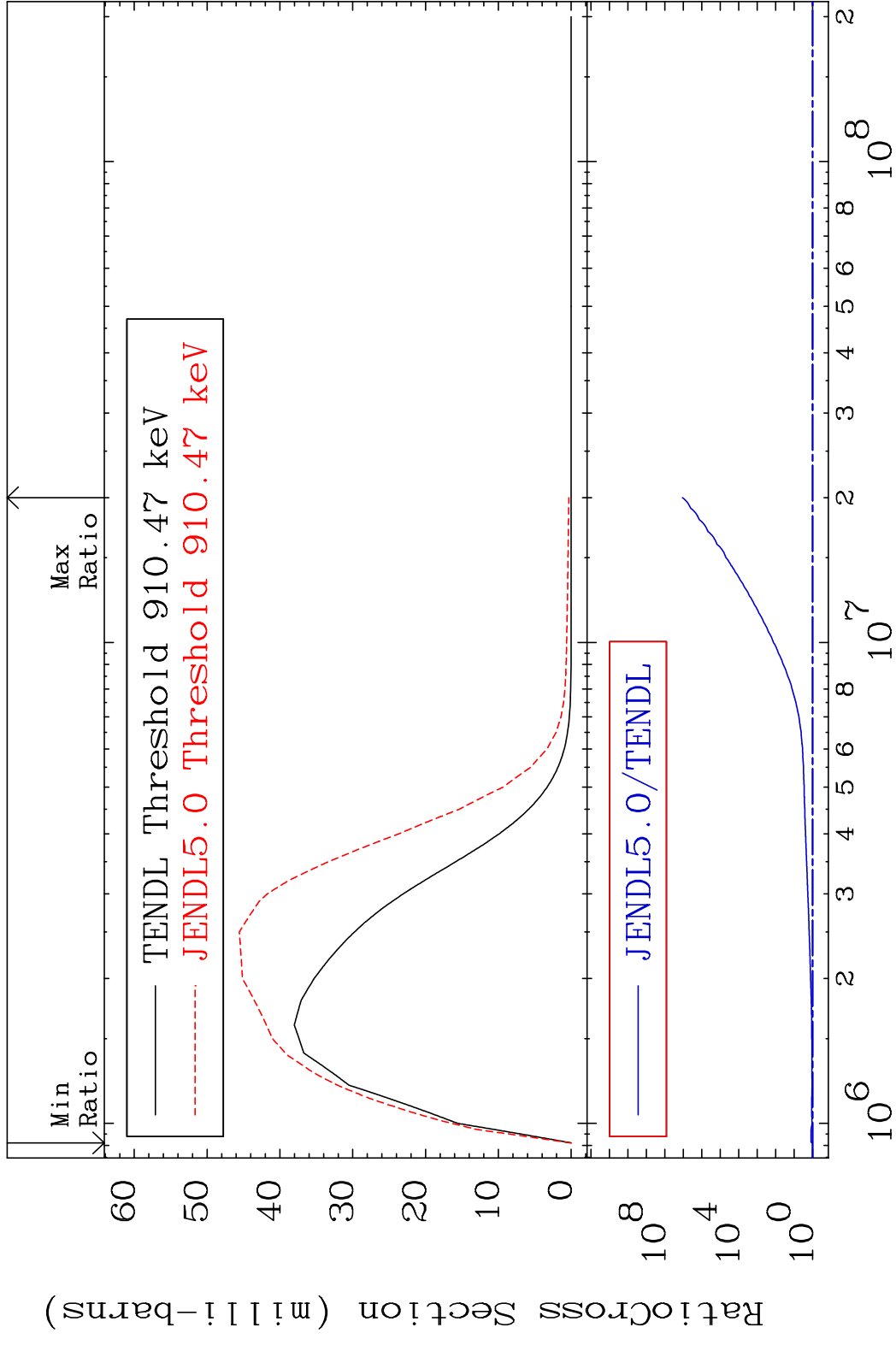
29 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 71 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 114.3 %

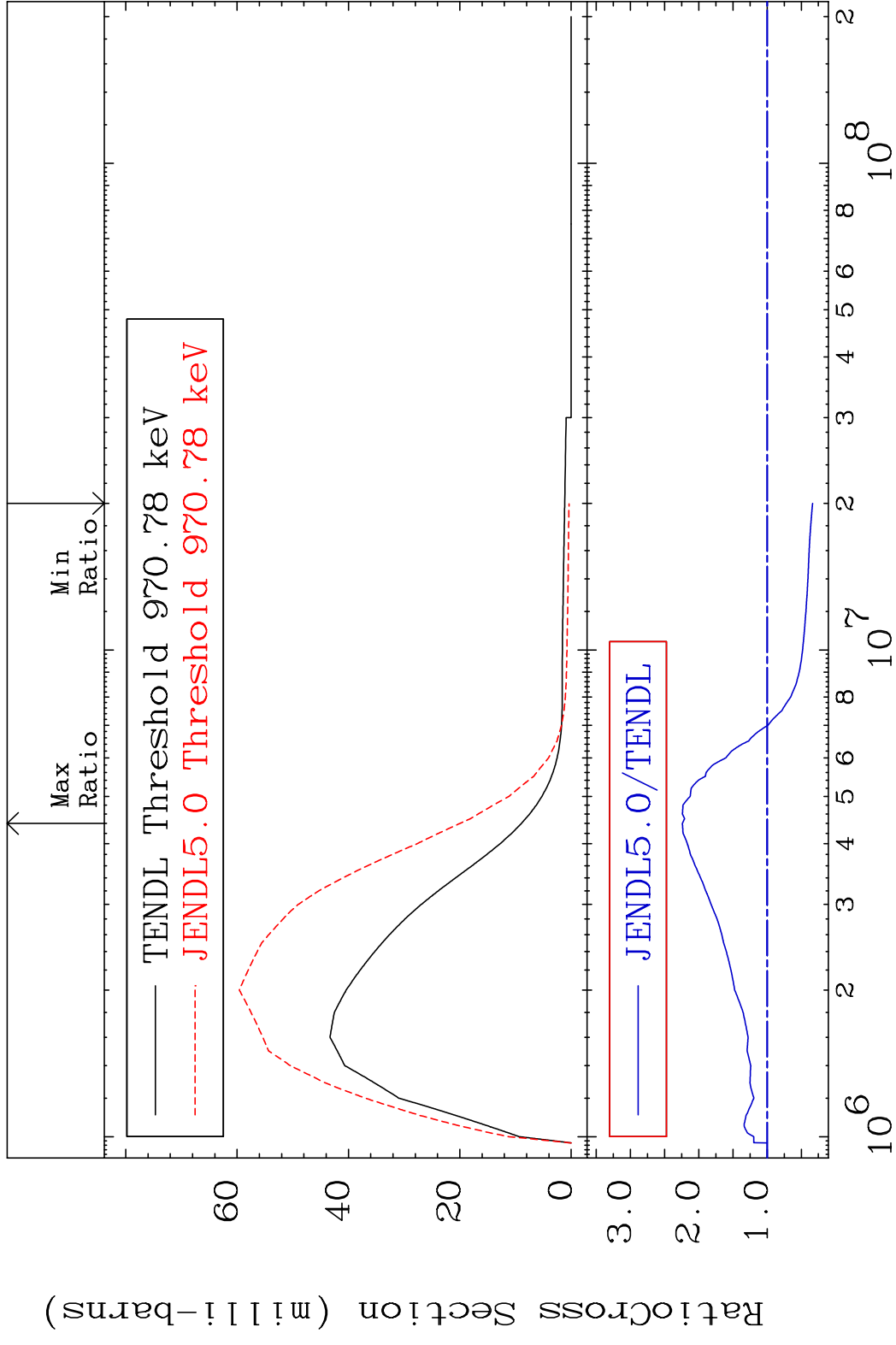


30 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 72 (n, n') Level 81-Tl-204
 Cross Section 0.000 To 9999. %

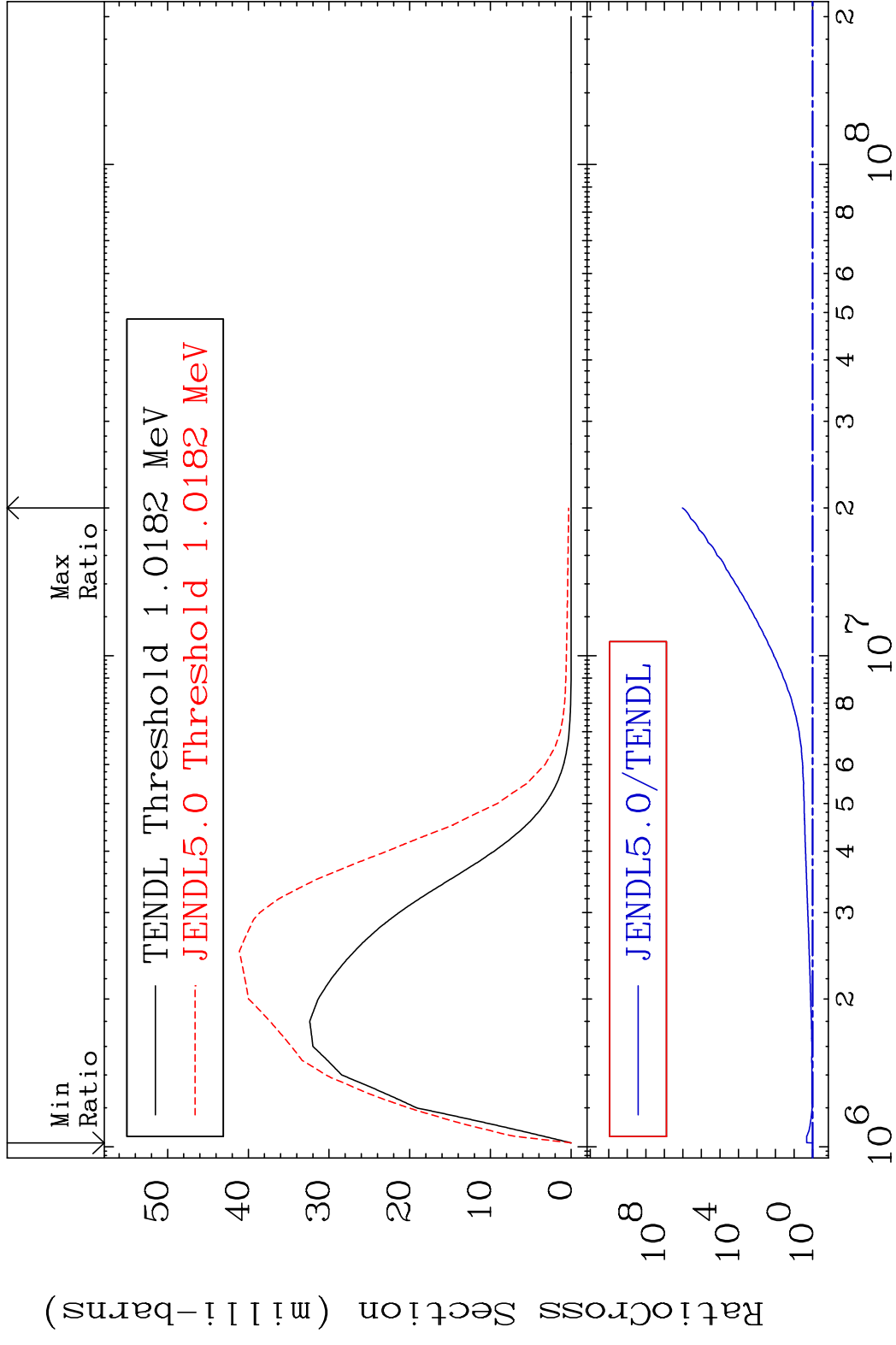


MAT 8128 MT= 73 (n, n') Level 81-Tl-204
 Cross Section -66.44 To 124.1 %



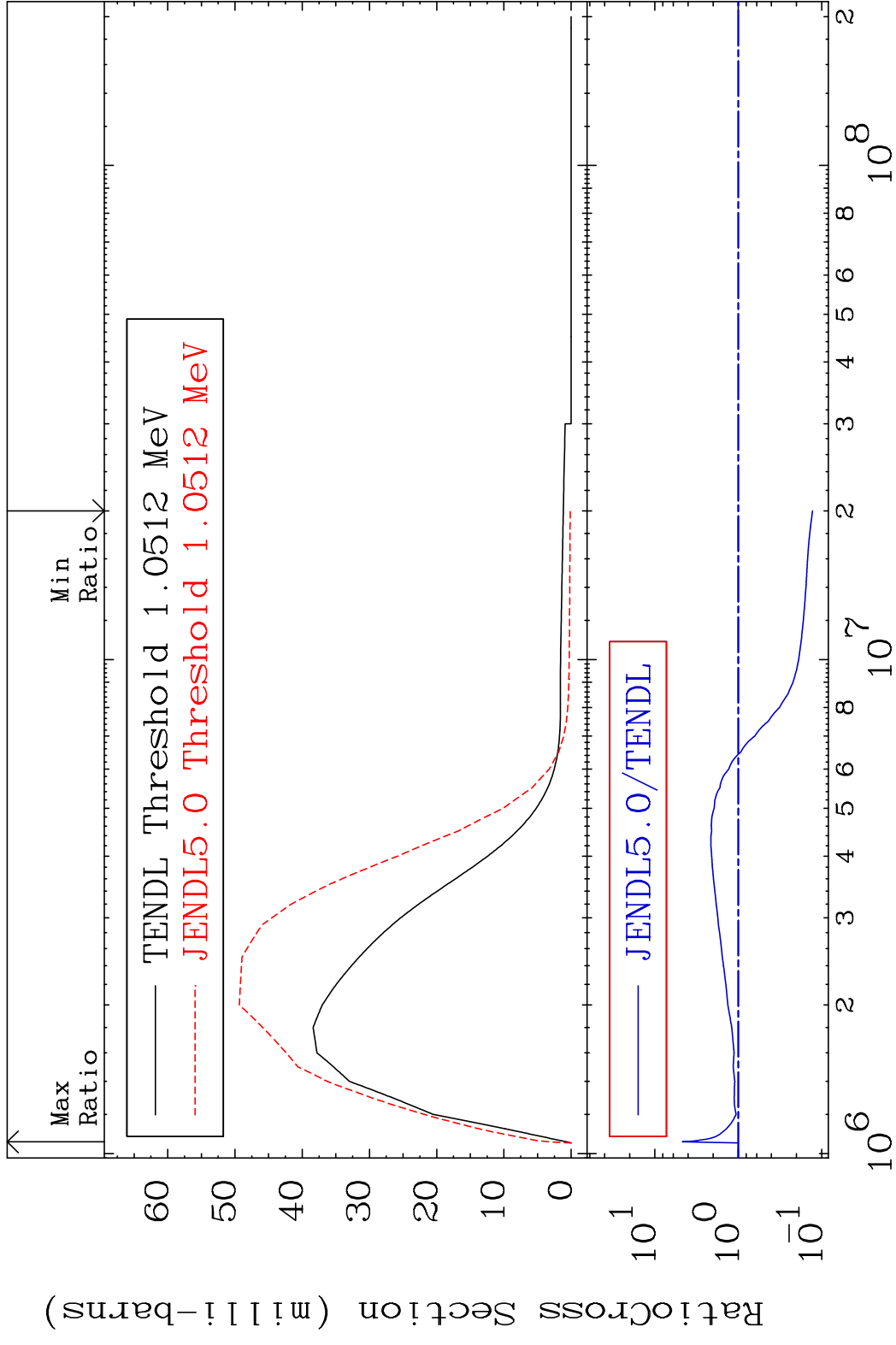
32 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 74 (n, n') Level 81-Tl-204
 Cross Section 0.000 To 9999. %

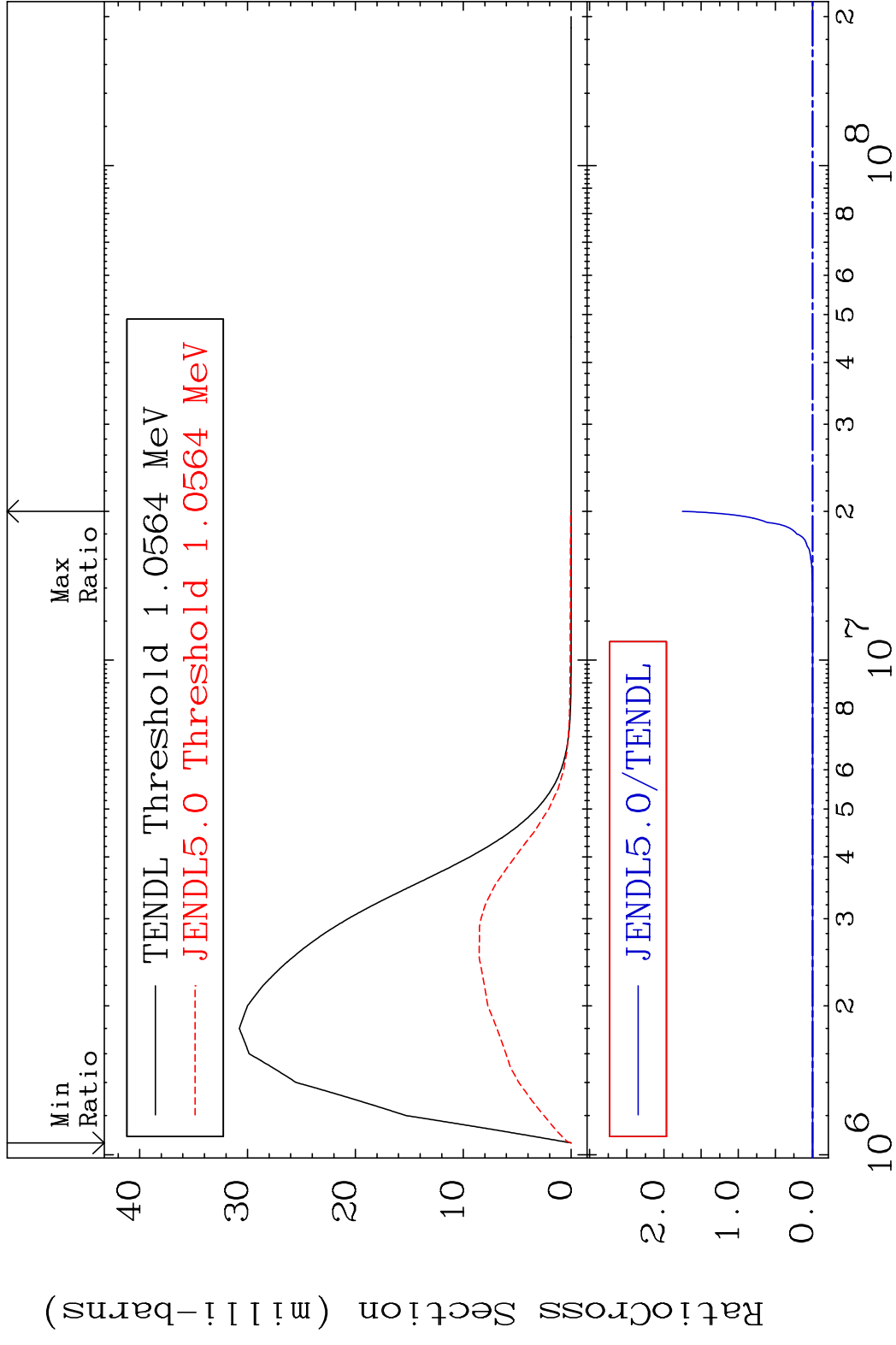


33 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 75 (n, n') Level 81-Tl-204
 Cross Section -87.15 To 367.3 %



MAT 8128 MT= 76 (n, n') Level 81-Tl-204
 Cross Section -100.0 To 9999. %

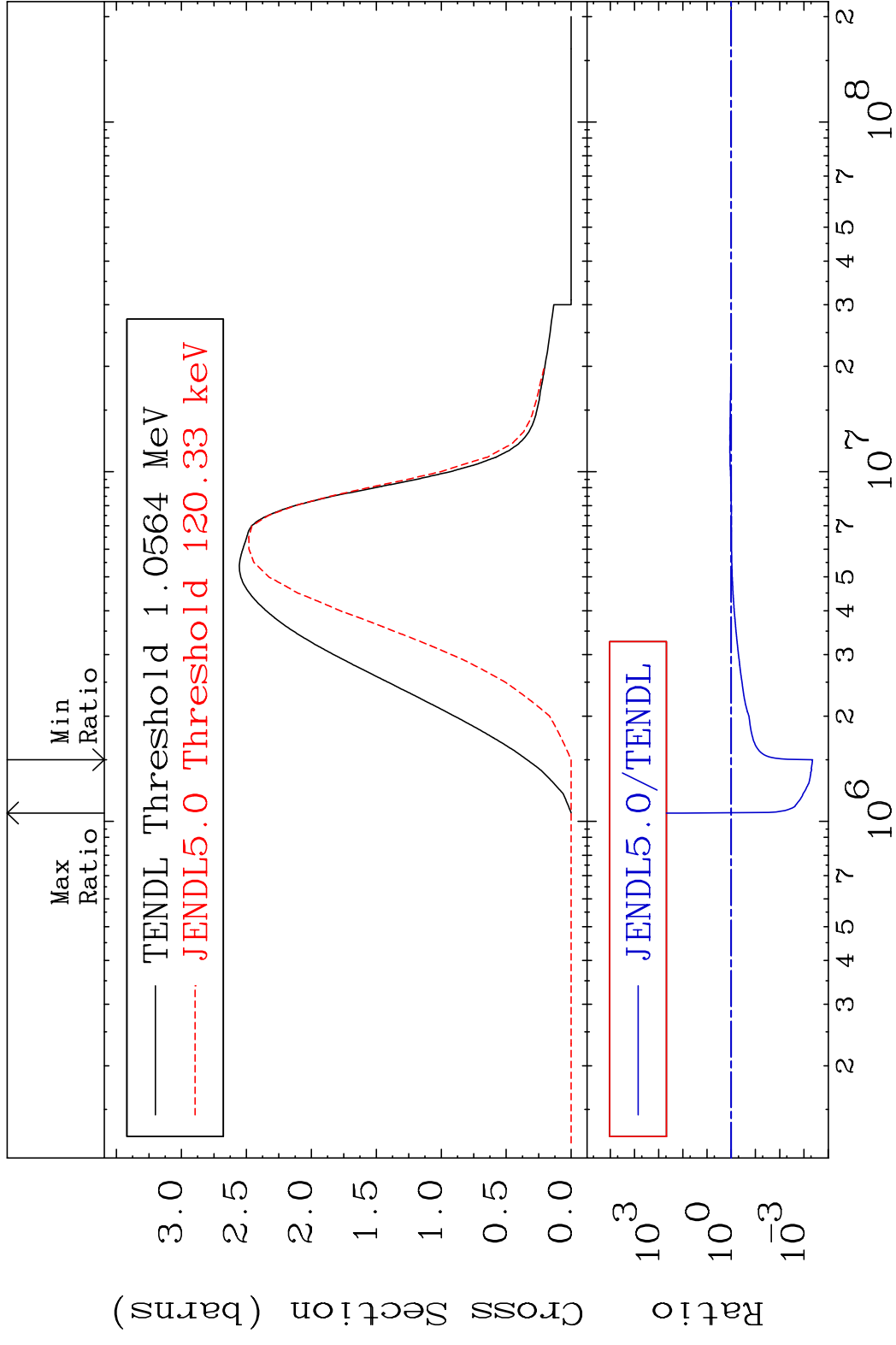


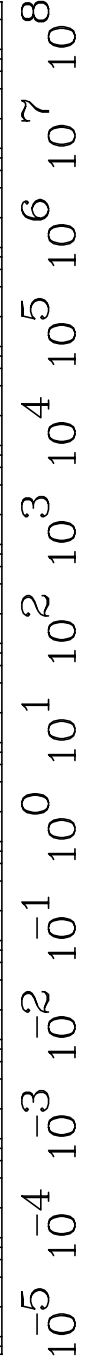
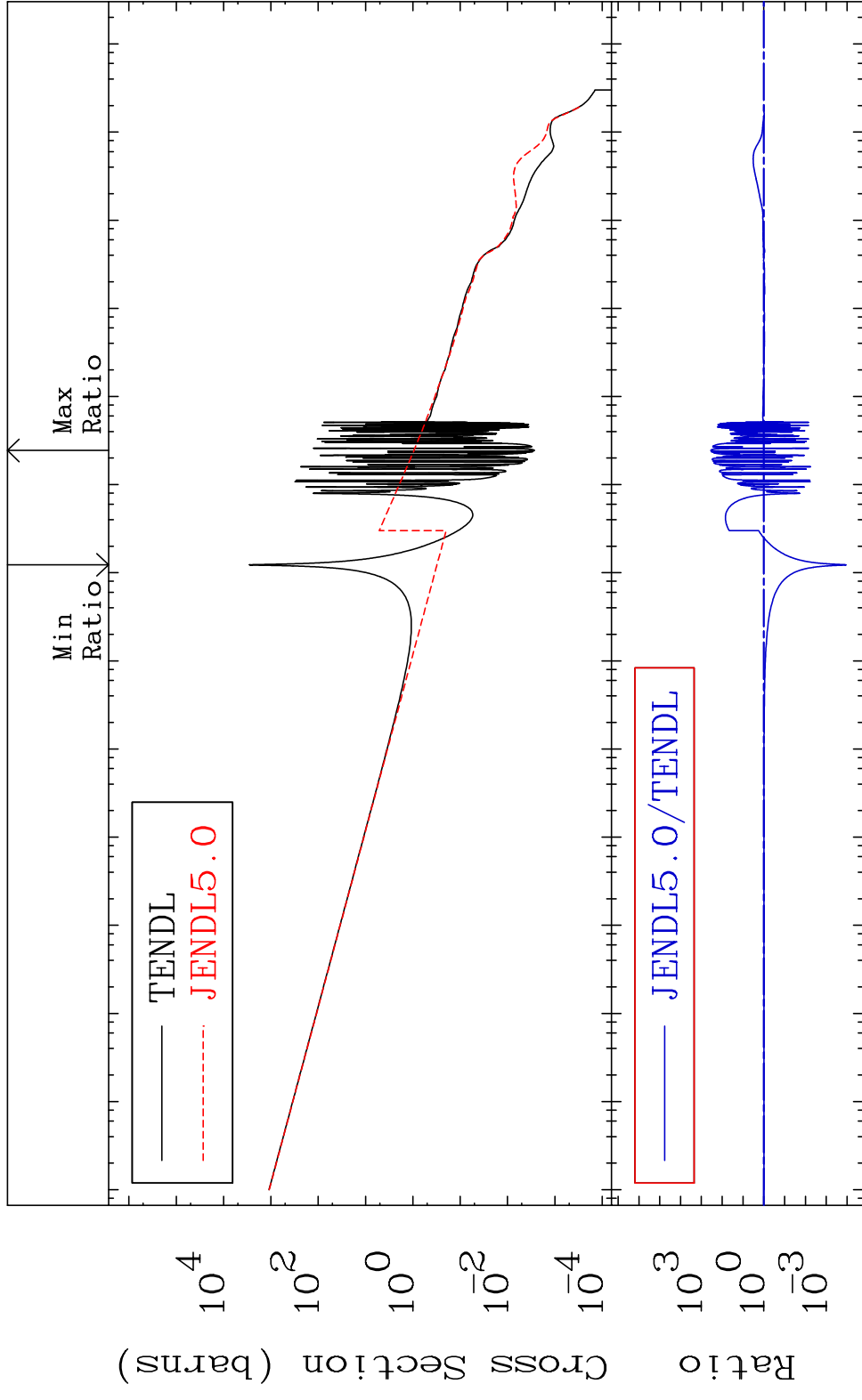
MAT 8128

(n,n') Continuum

81-Tl-204

Cross Section -99.96 To 9999. %



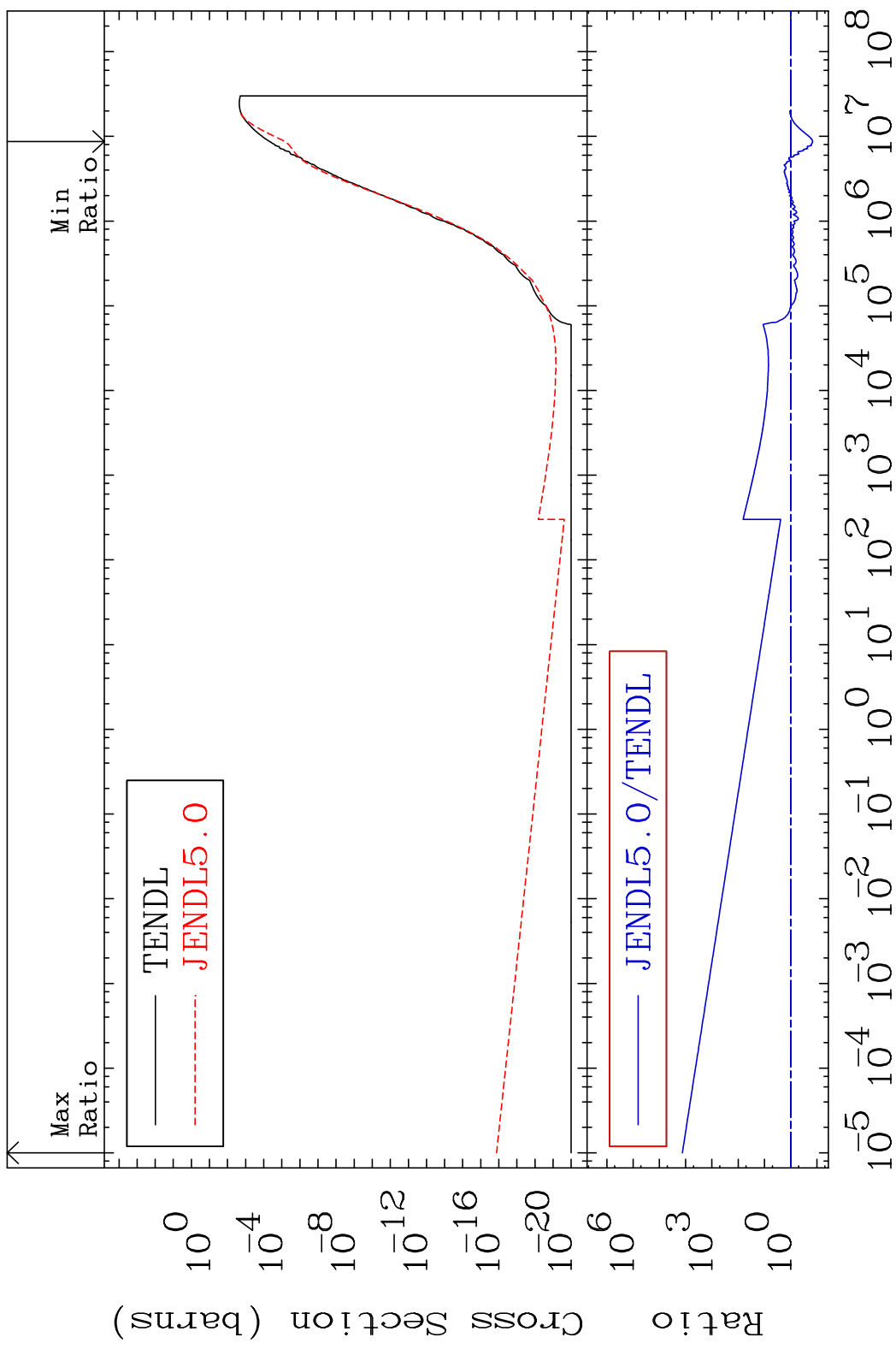


MAT 8128

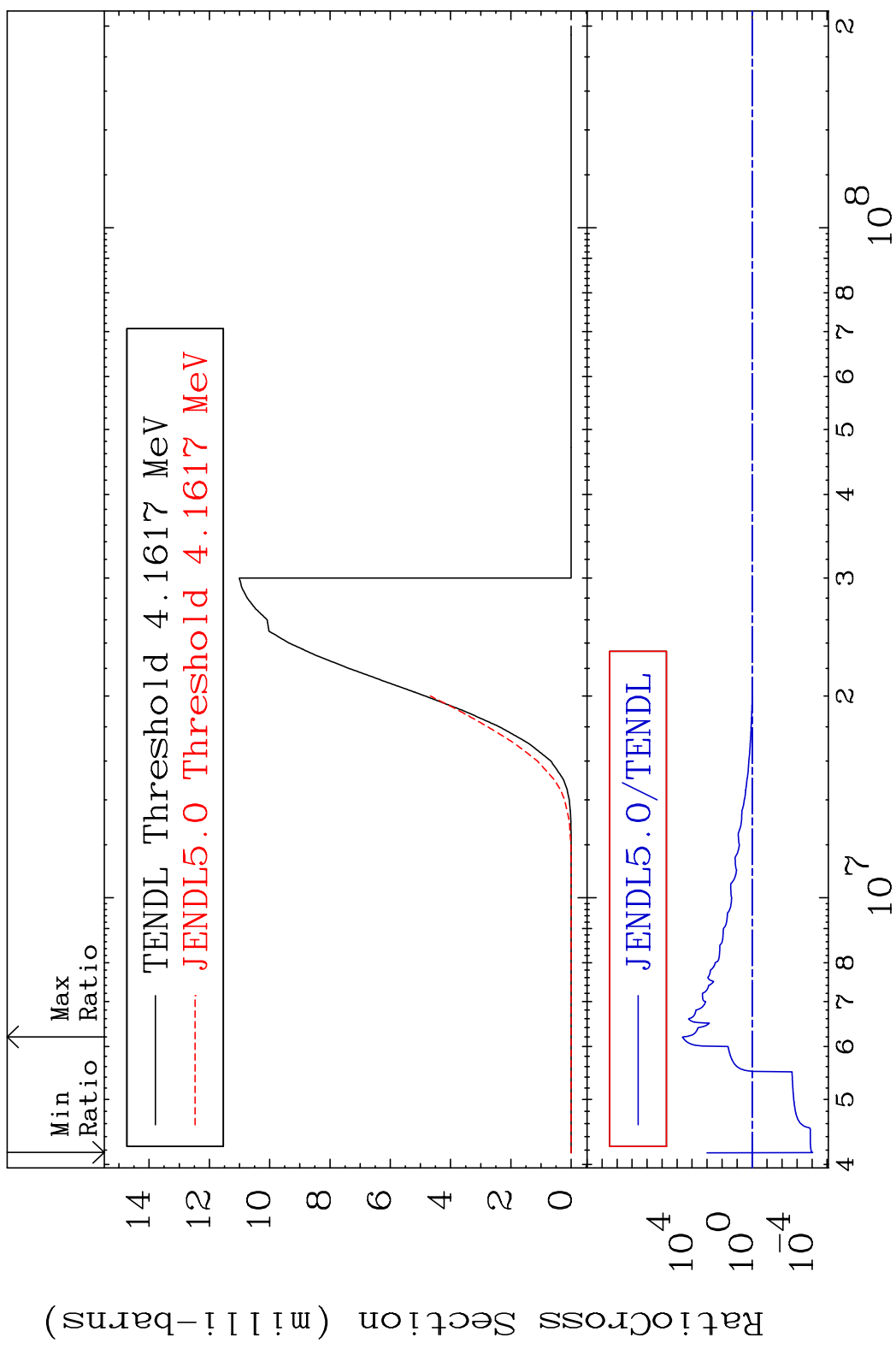
(n,p)

81-Tl-204

Cross Section -85.23 To 9999. %



Cross Section -99.99 To 9999. %

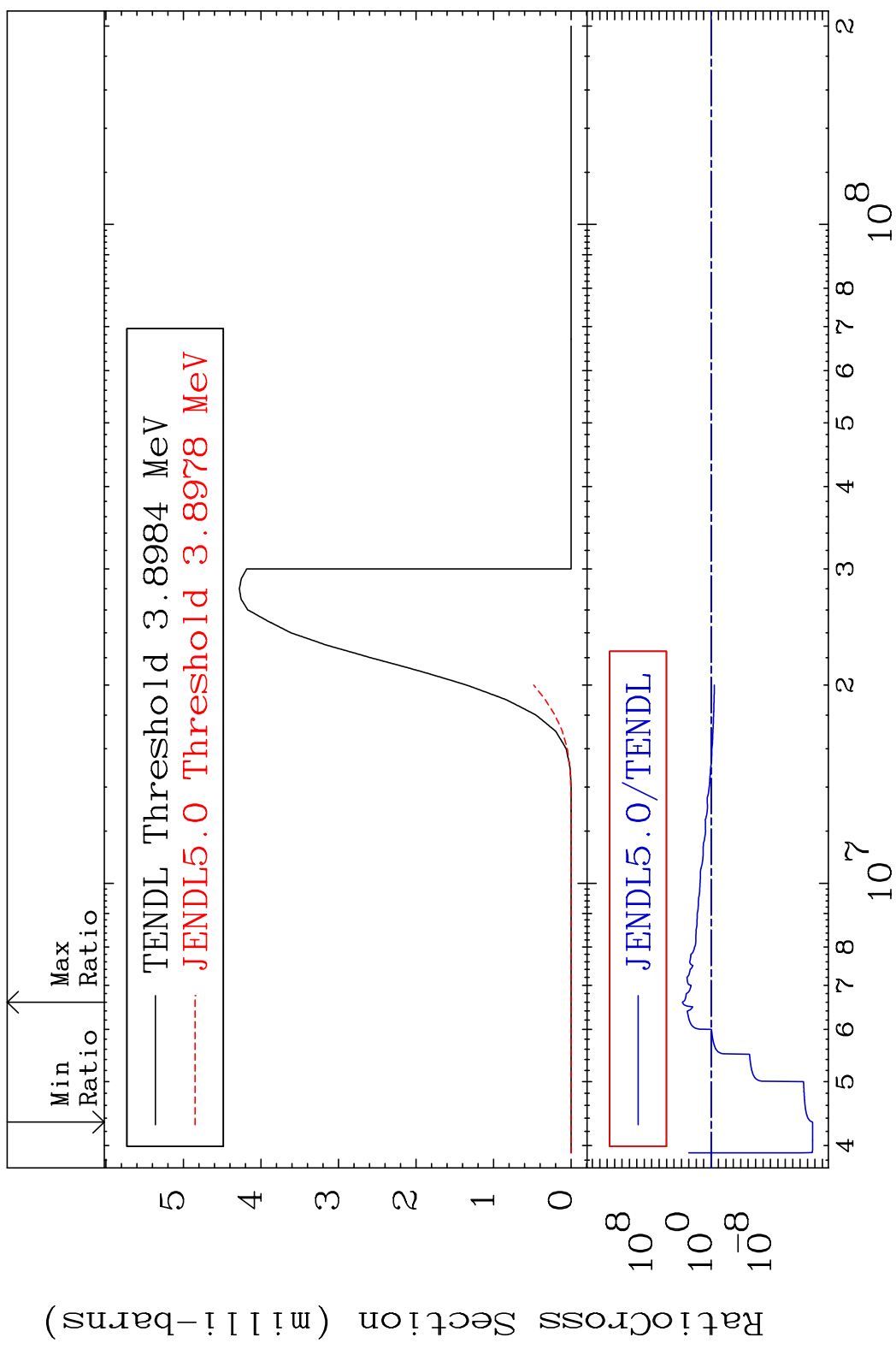


MAT 8128

(n, t)

81-Tl-204

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

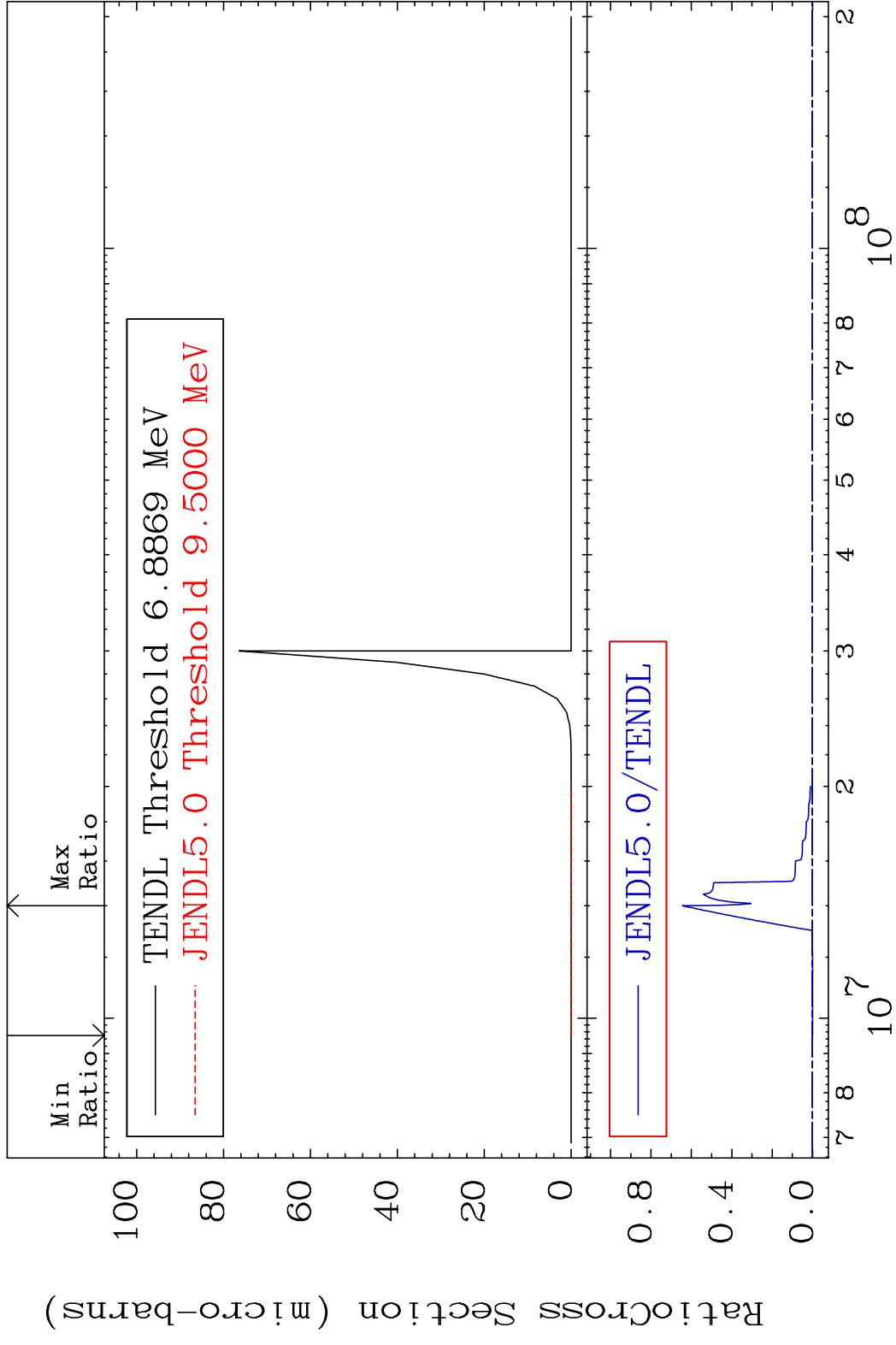
81-Tl-204

MAT 8128

(n, He-3)

81-Tl-204

Cross Section -100.0 To 9999. %



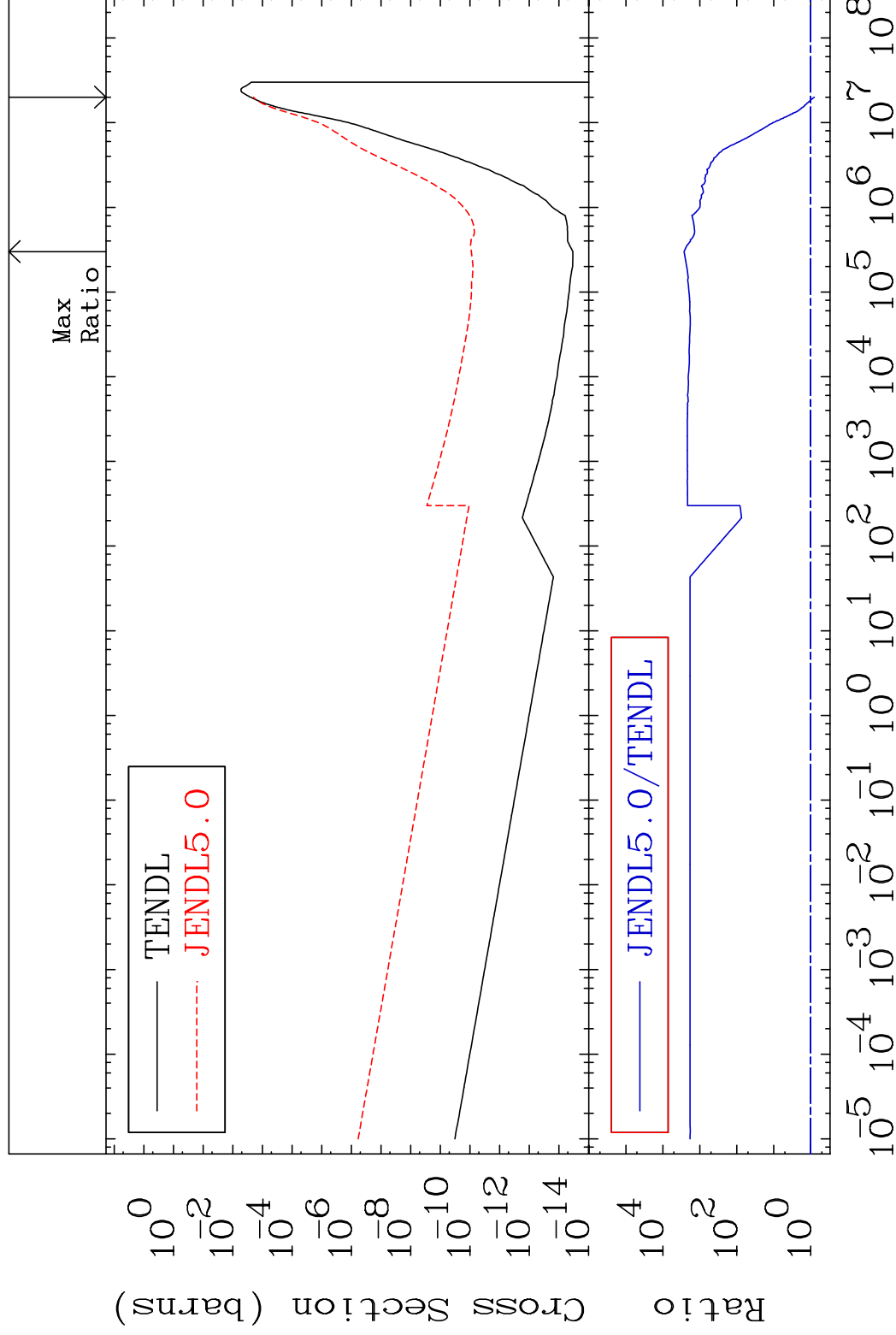
MAT 8128

(n, α)

81-Tl-204

Cross Section

-20.19 To 9999. %

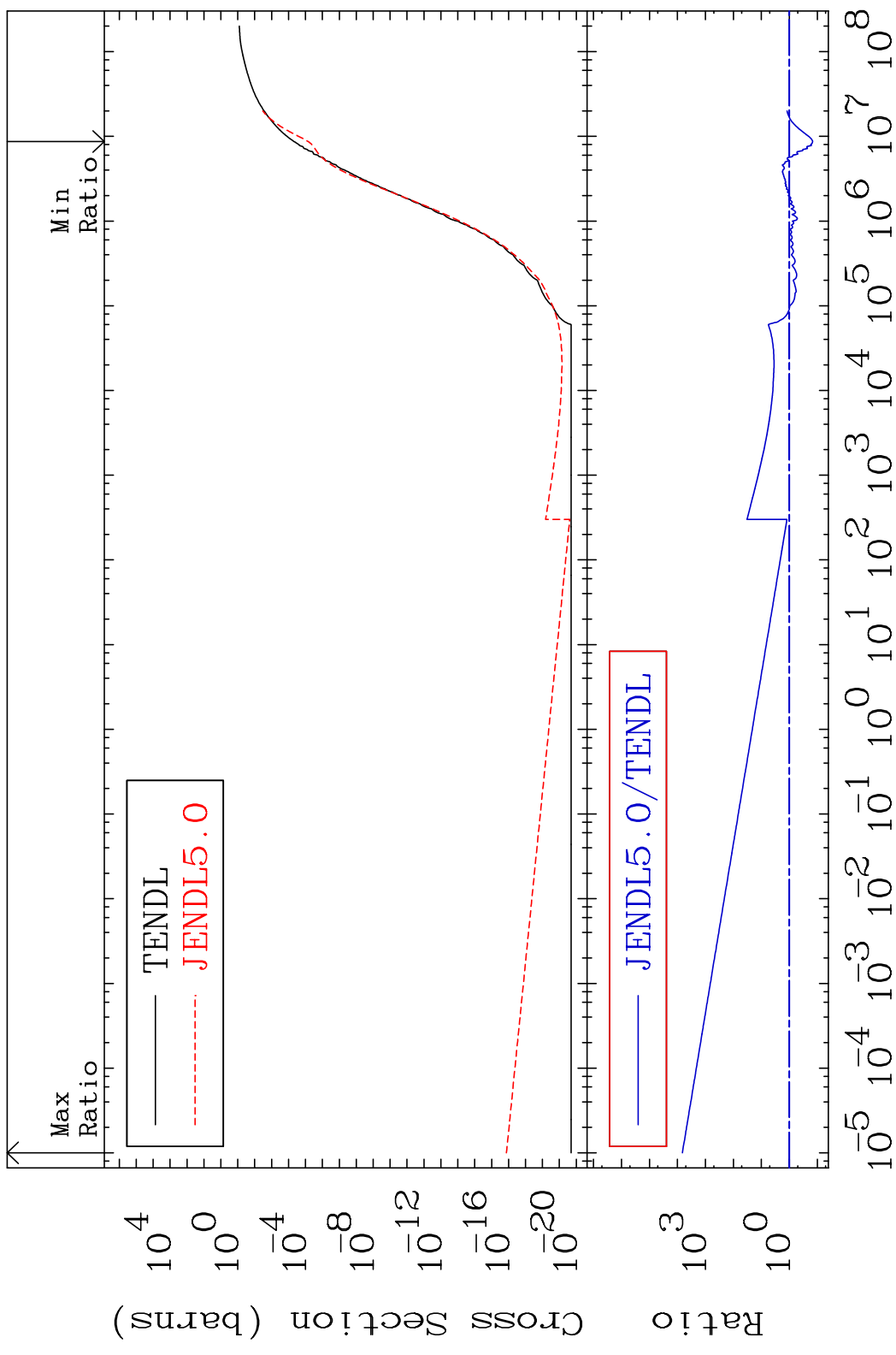


MAT 8128

Hydrogen Production

81-T1-204

Cross Section -85.23 To 9999. %

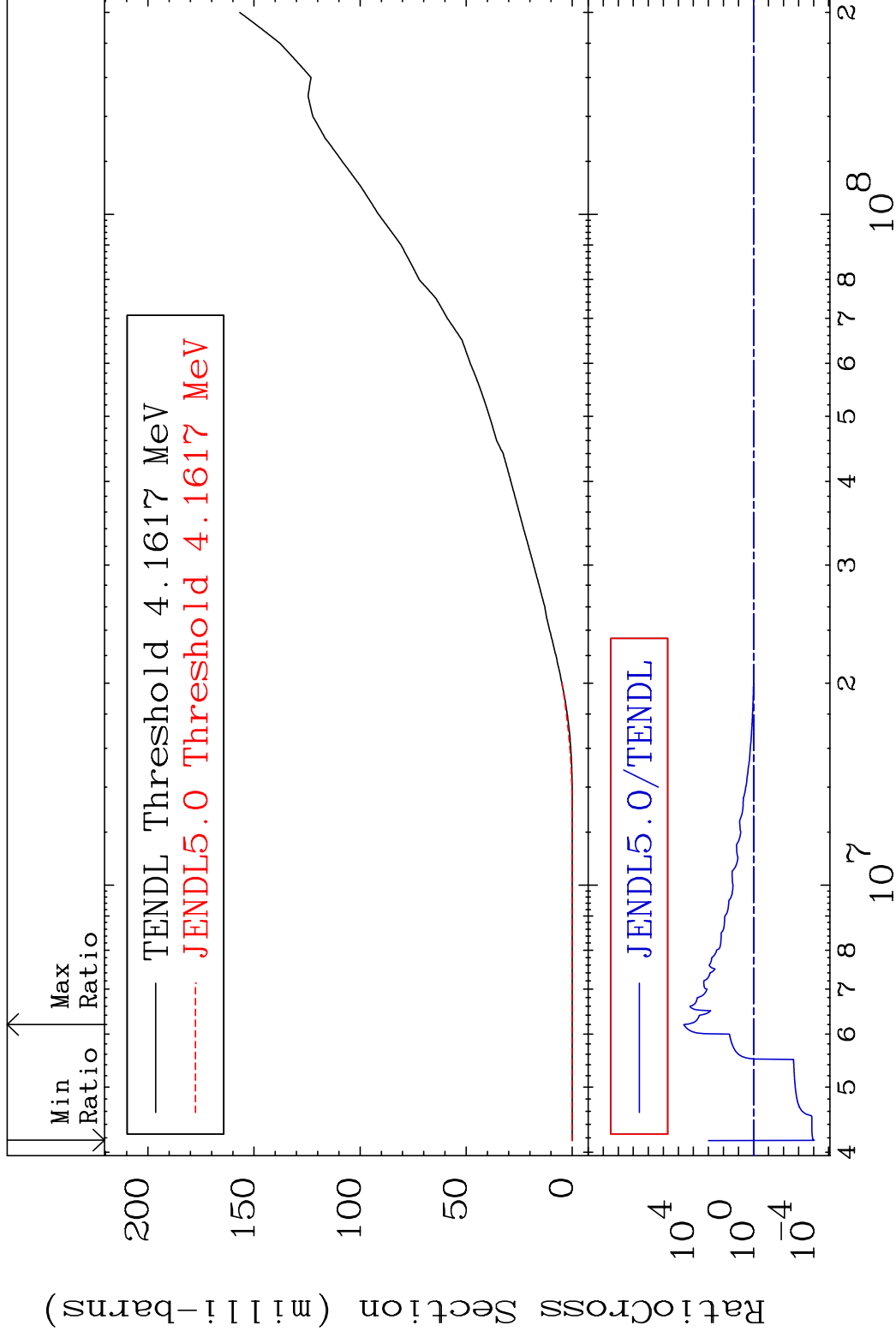


43

Incident Energy (eV)

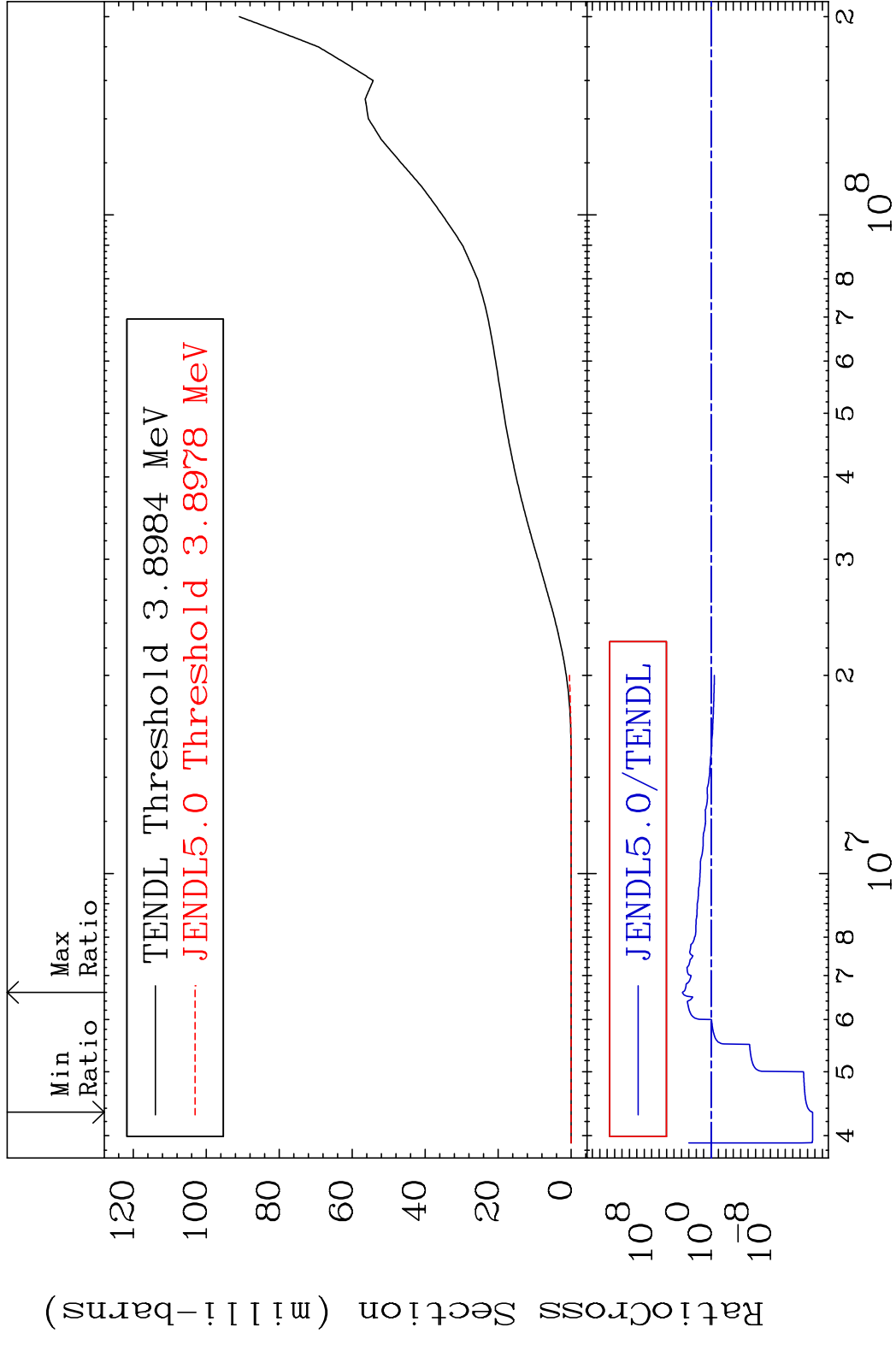
81-T1-204

Cross Section -99.99 To 9999. %

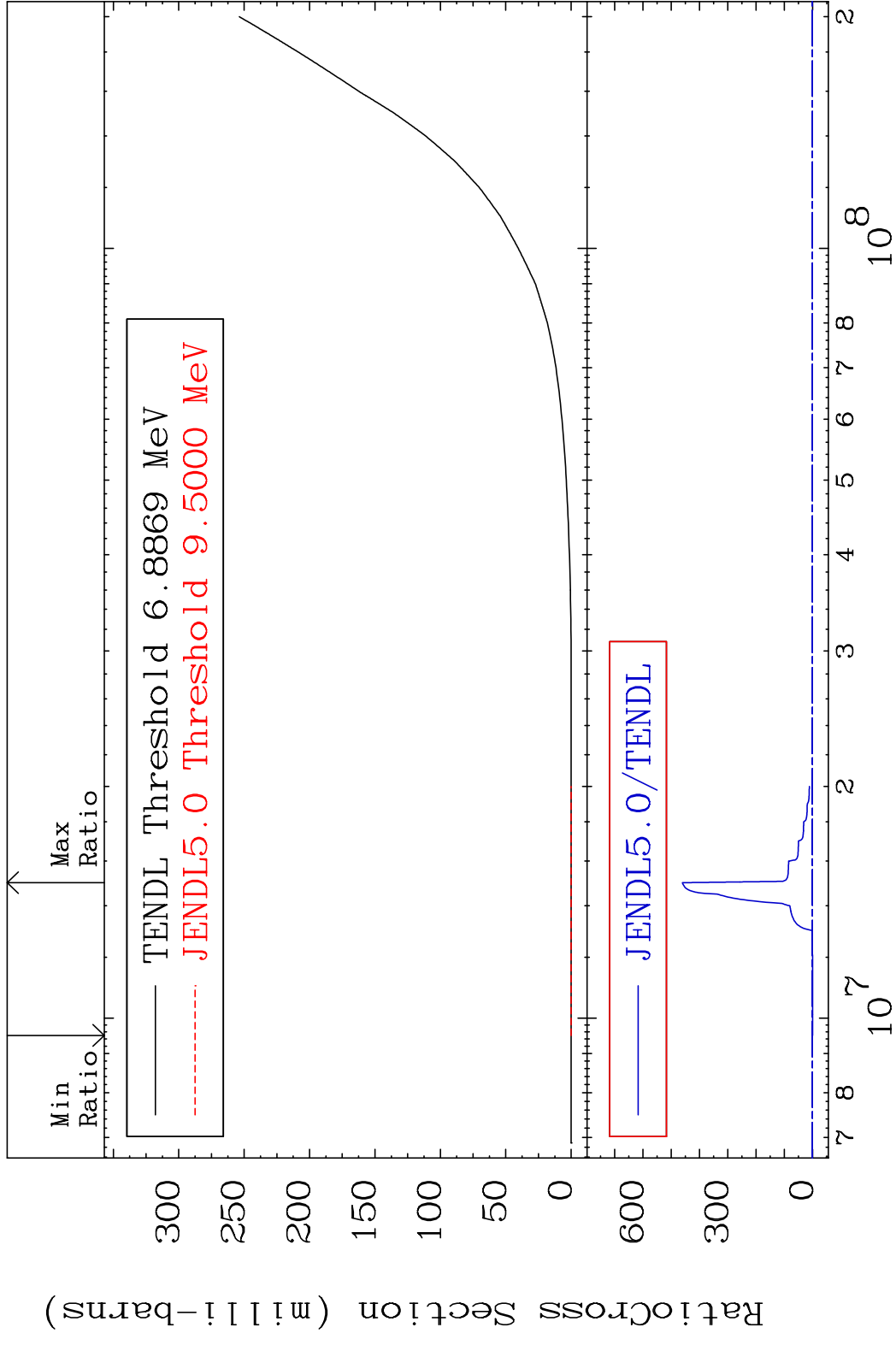


MAT 8128

Tritium Production 81-Tl-204
Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

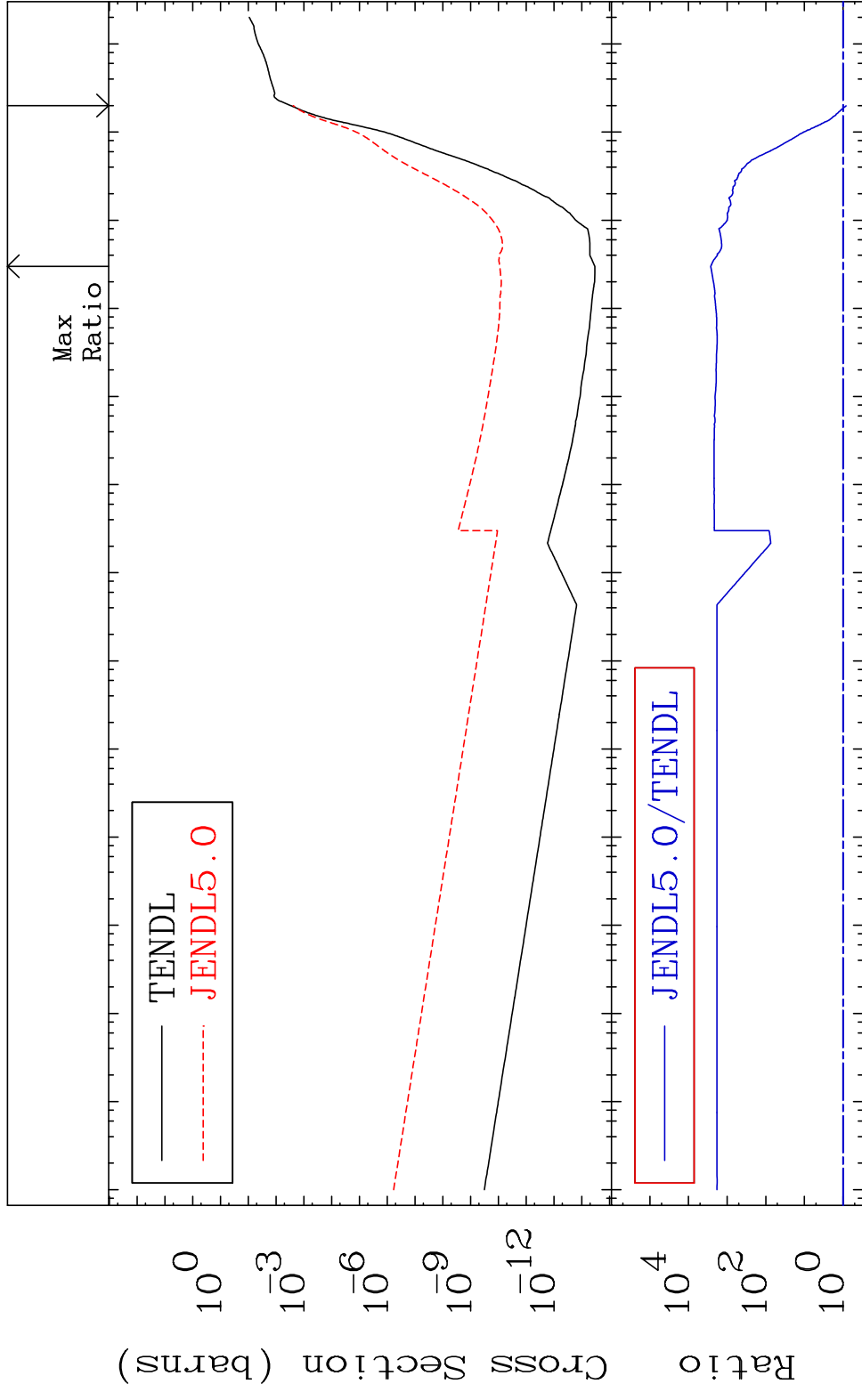


MAT 8128

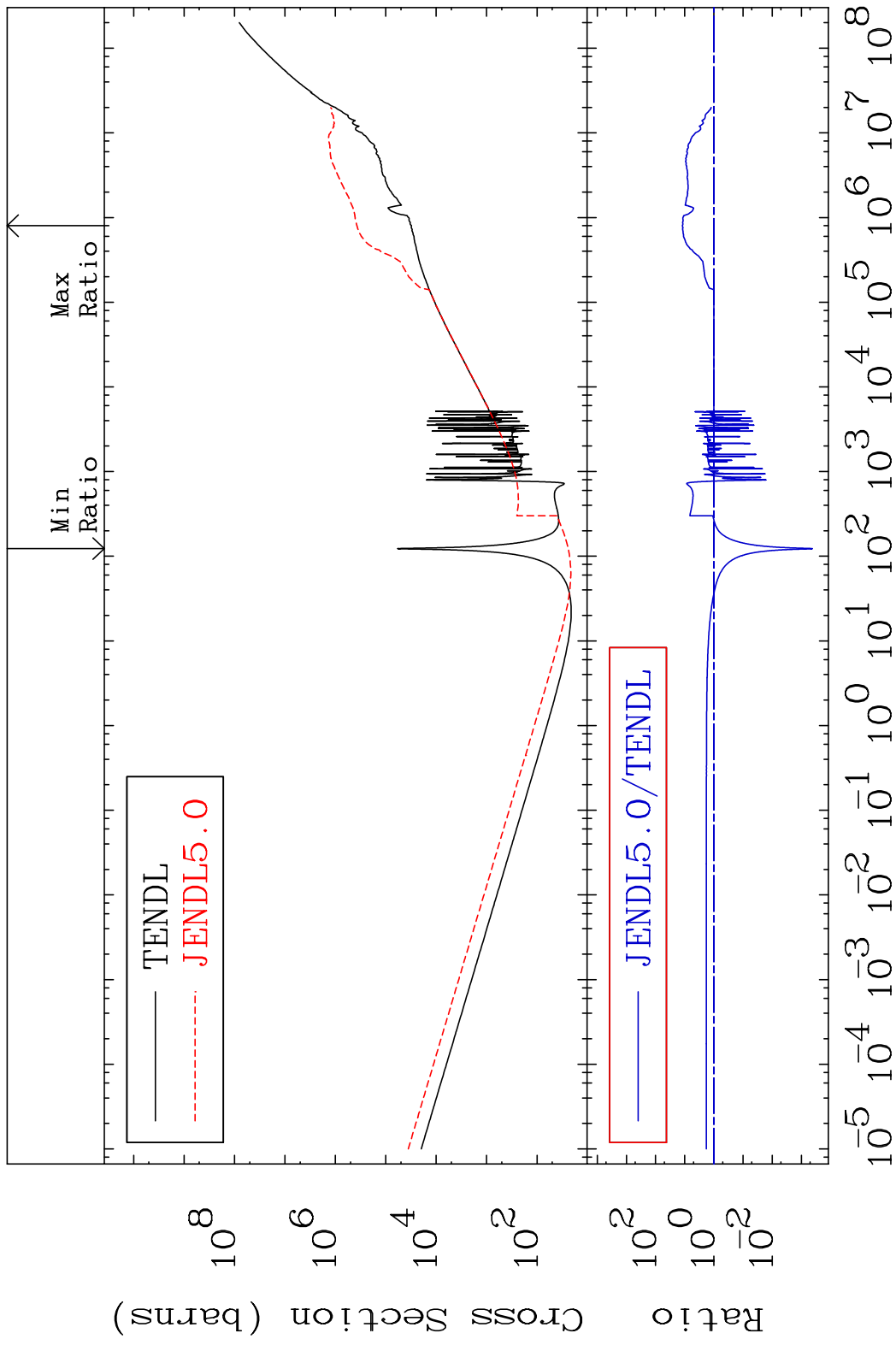
He-4 Production

81-T1-204

Cross Section -18.21 To 9999. %



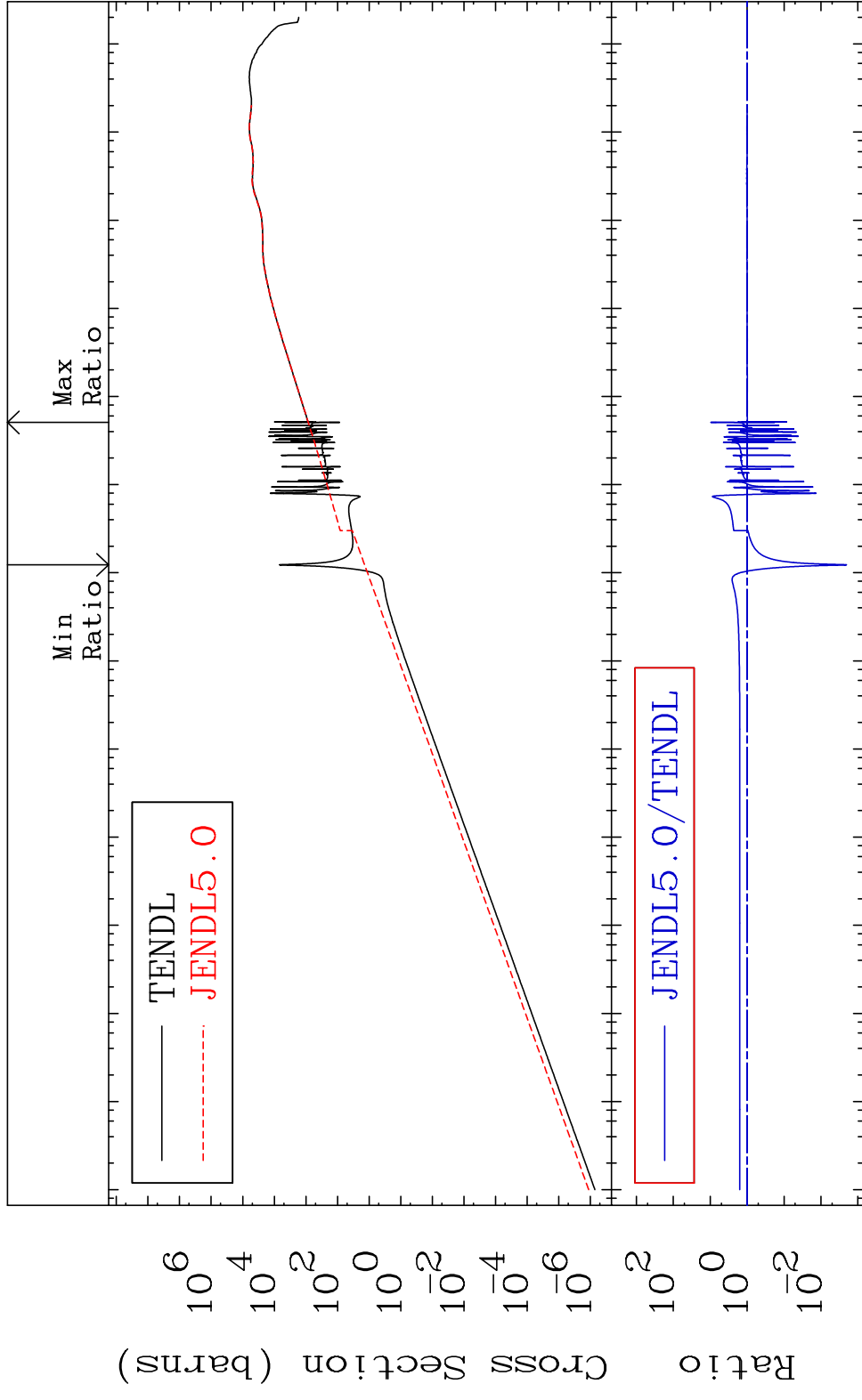
MAT 8128 Kerma total (eV-barns) 81-Tl-204
 Cross Section -99.96 To 1106. %



MAT 8128

Kerma elastic Cross Section -99.79 To 869.7 %

81-T1-204

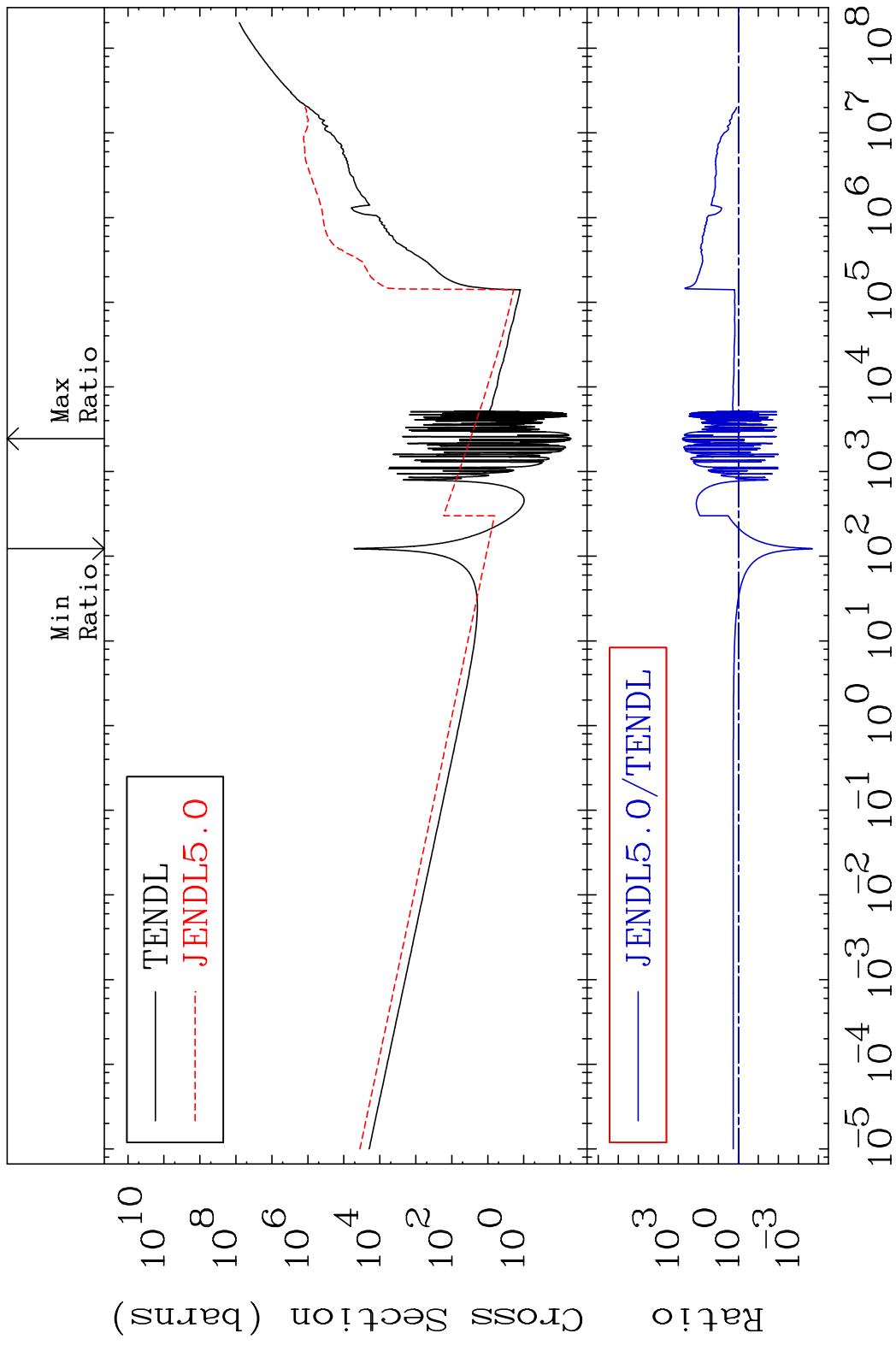


49

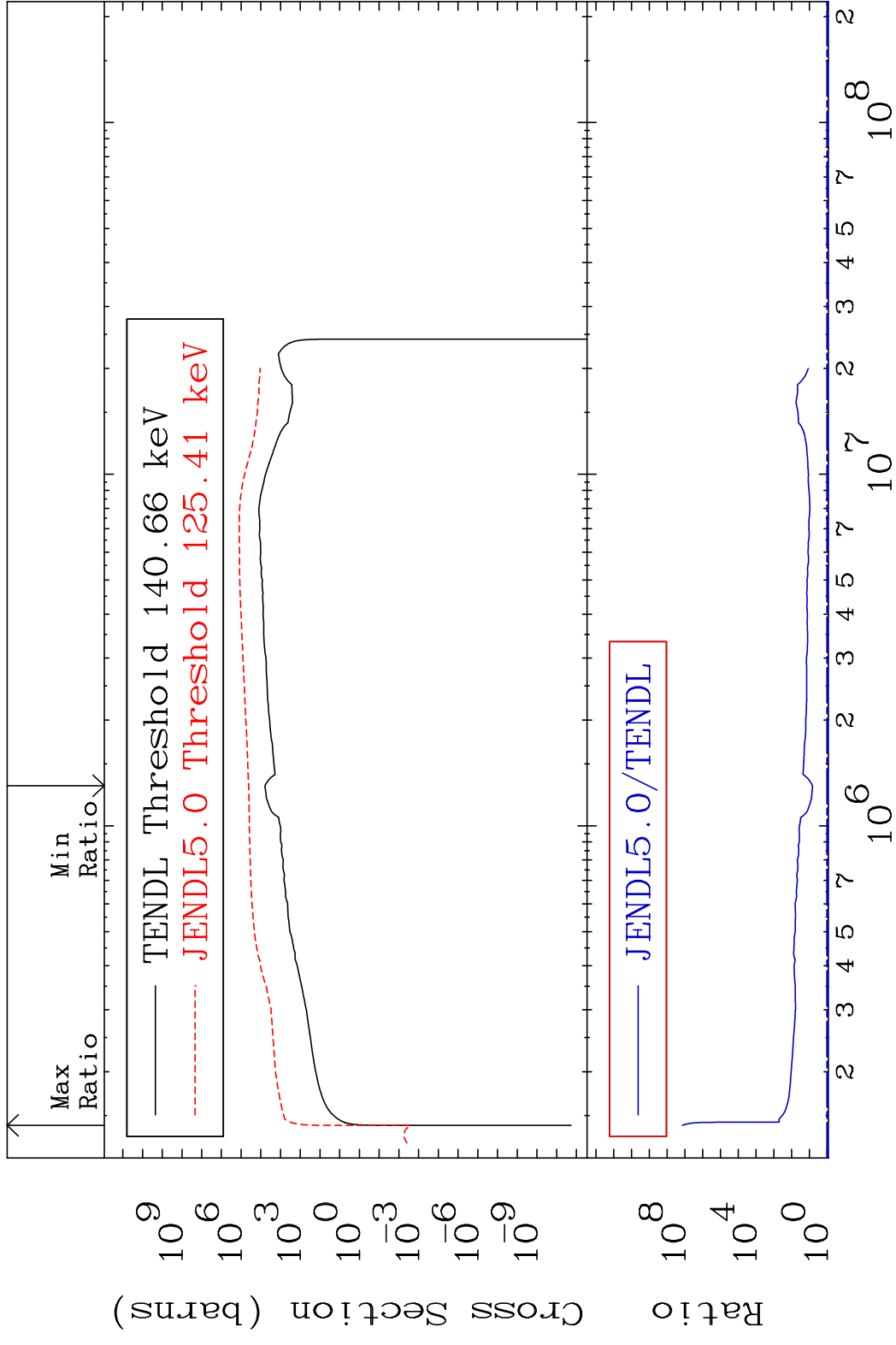
Incident Energy (eV)

81-T1-204

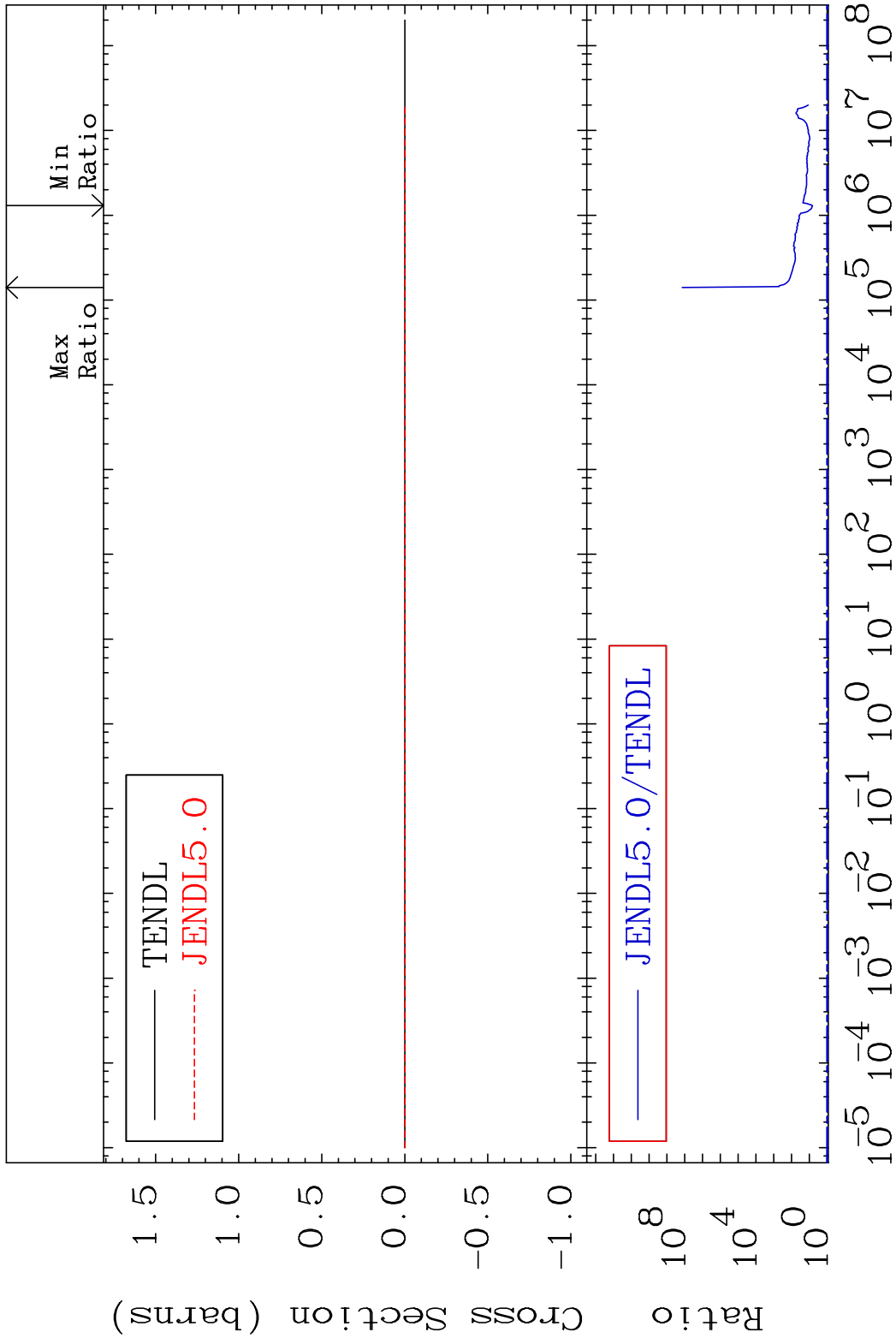
MAT 8128 Kerma non-elastic (all but mt2) 81-Tl-204
 Cross Section -99.98 To 9999. %

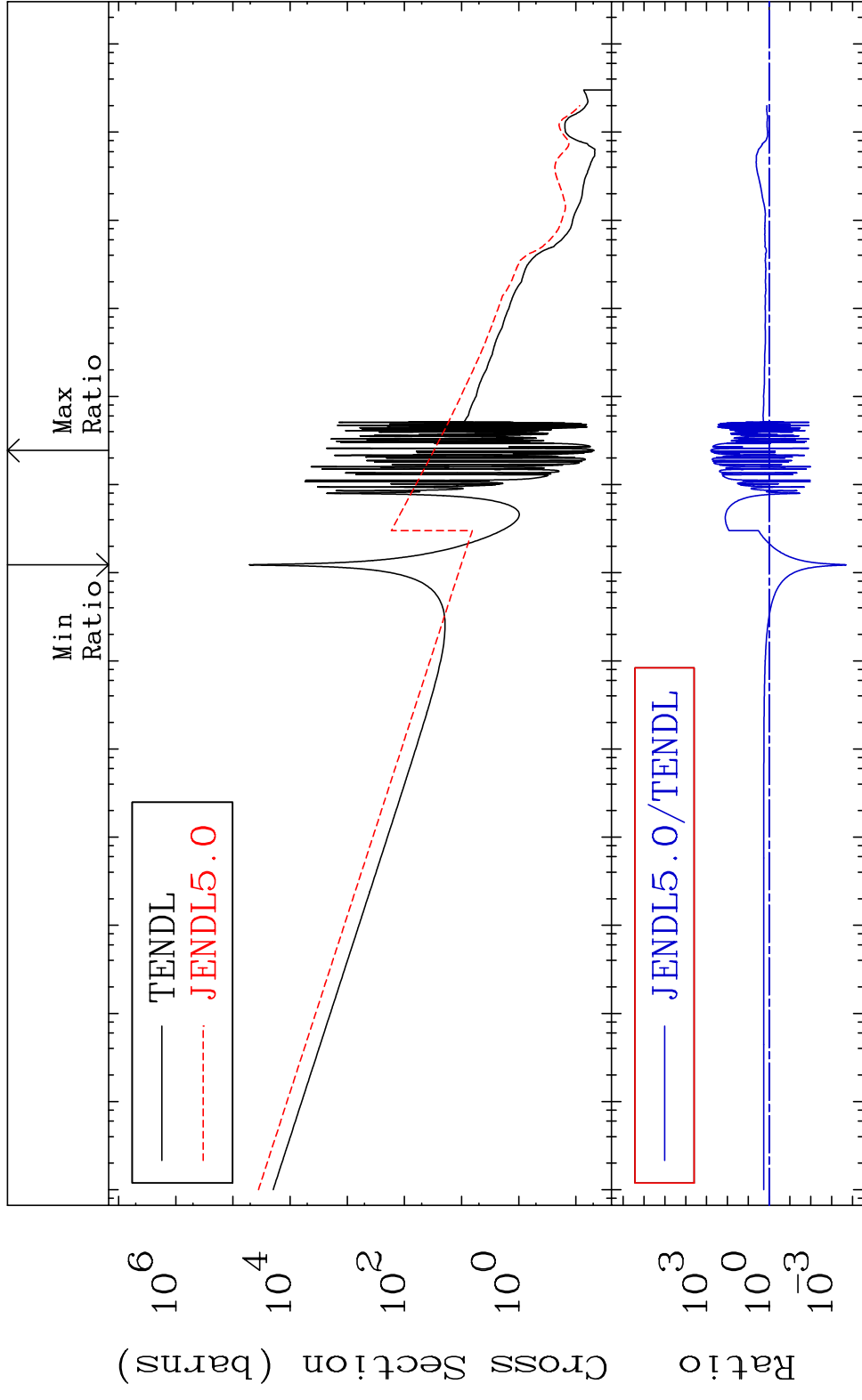


MAT 8128 Kerma inelastic (mt51-91) 81-Tl-204
 Cross Section 572.6 To 9999. %

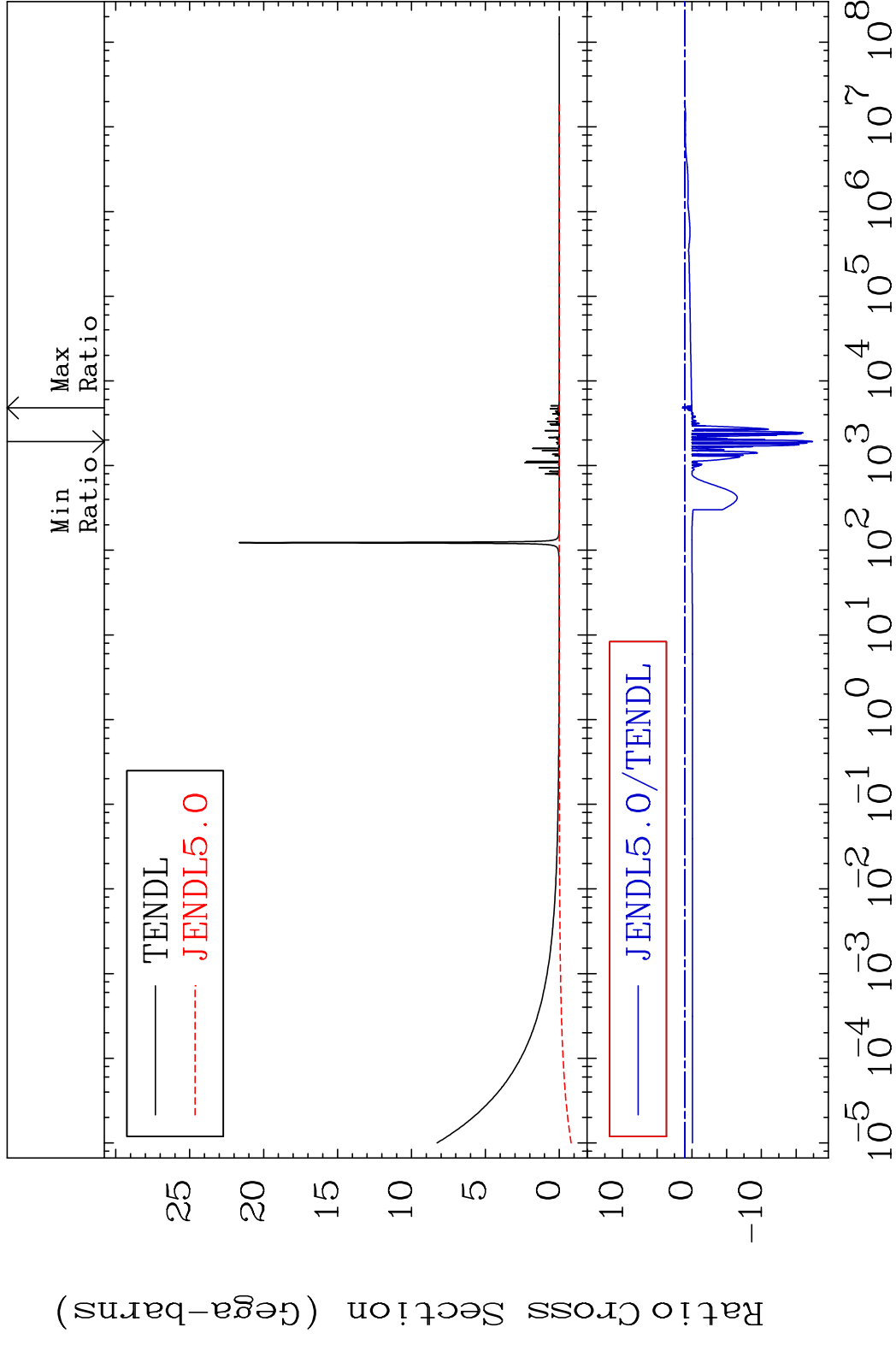


MAT 8128 Kerma fission (mt18 or mt19-20-21-38) 81-Tl-204
 Cross Section 572.6 To 9999. %

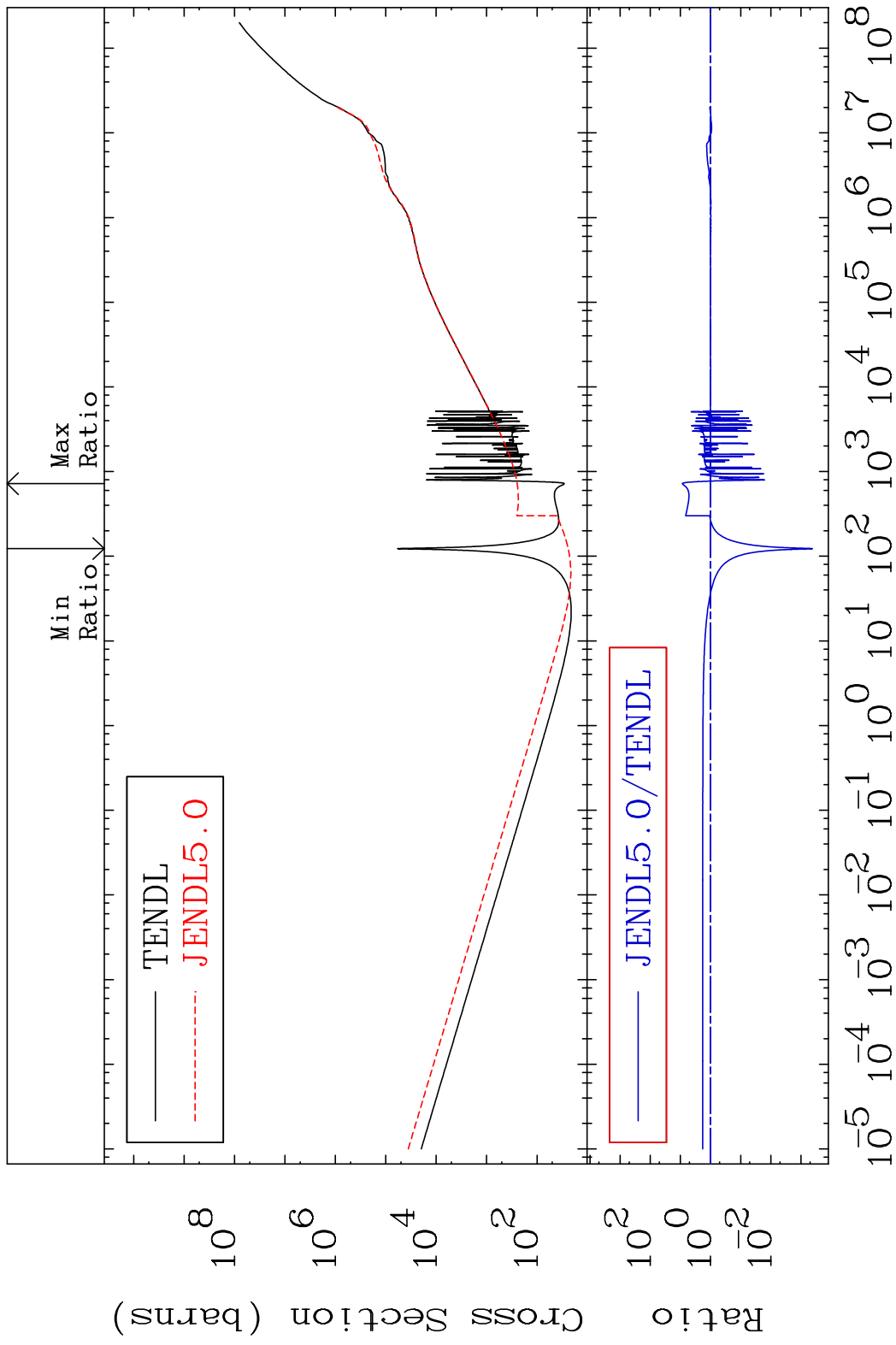




MAT 8128 Total photon (eV-barns) 81-T1-204
 Cross Section -1836. To 36.66 %



MAT 8128 Total kinematic kerma (high limit) 81-Tl-204
 Cross Section -99.96 To 759.1 %

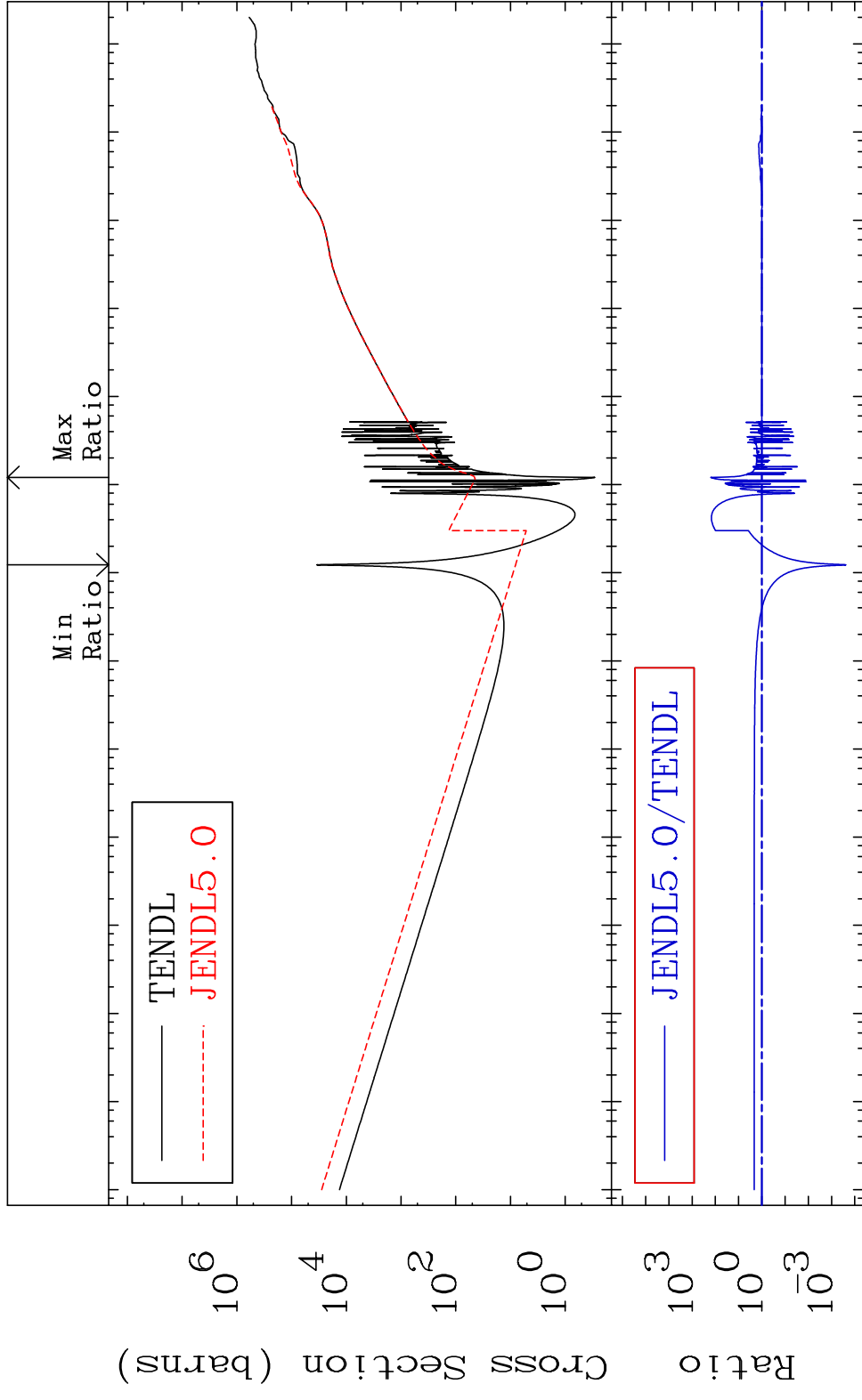


MAT 8128

Dpa total (eV-barns)

81-T1-204

Cross Section -99.98 To 9999. %

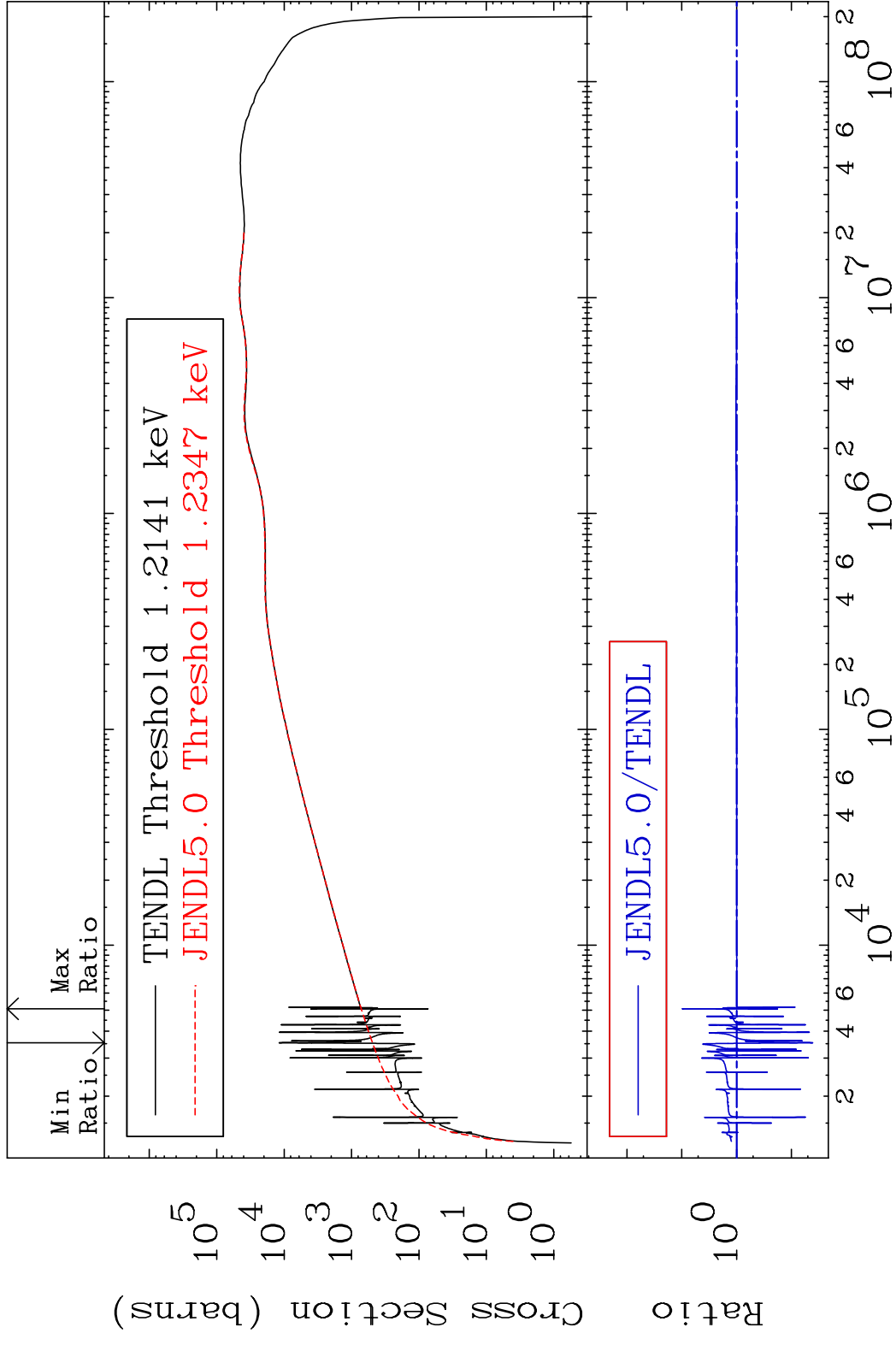


MAT 8128

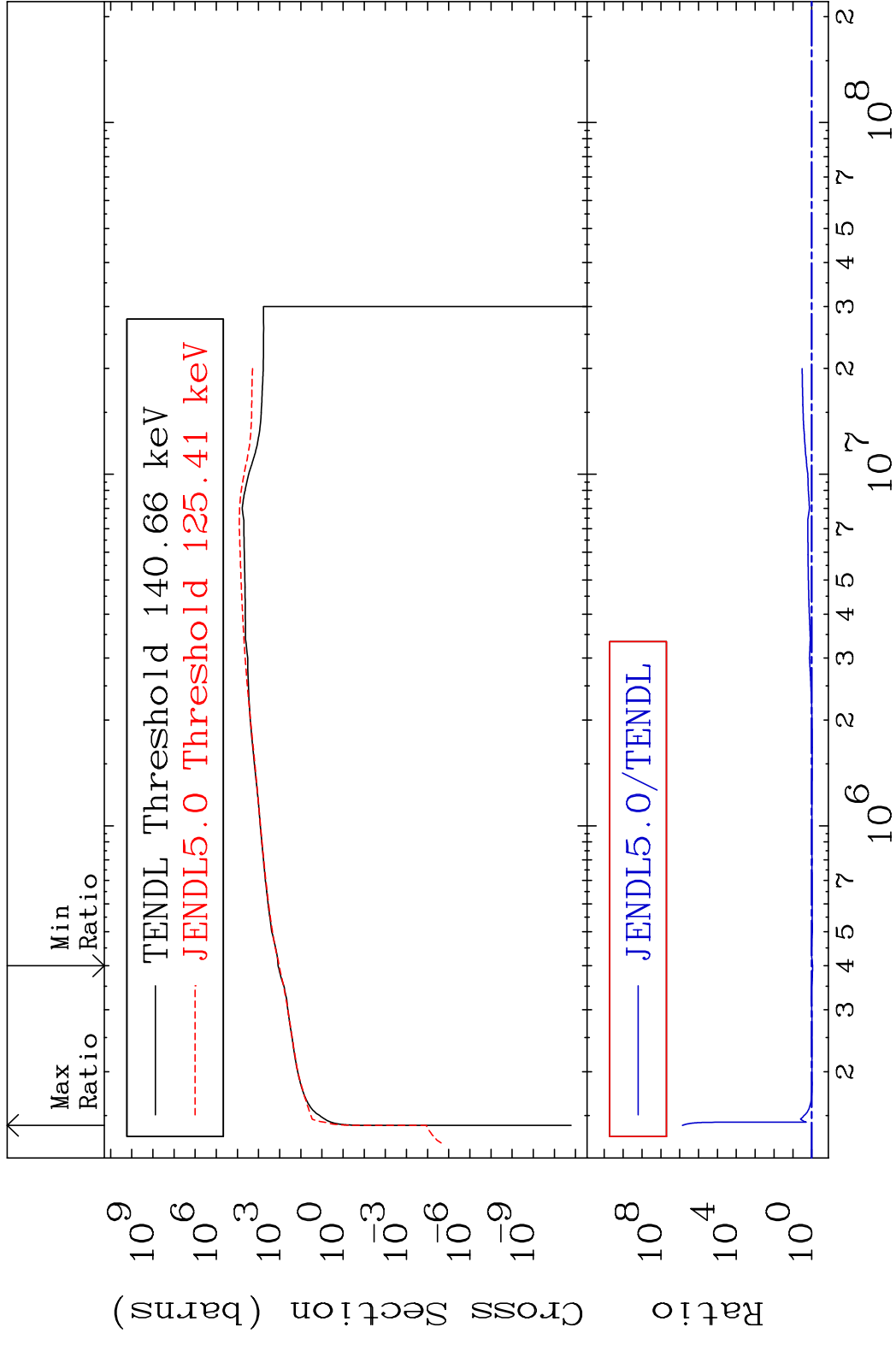
Dpa elastic (mt2)

81-Tl-204

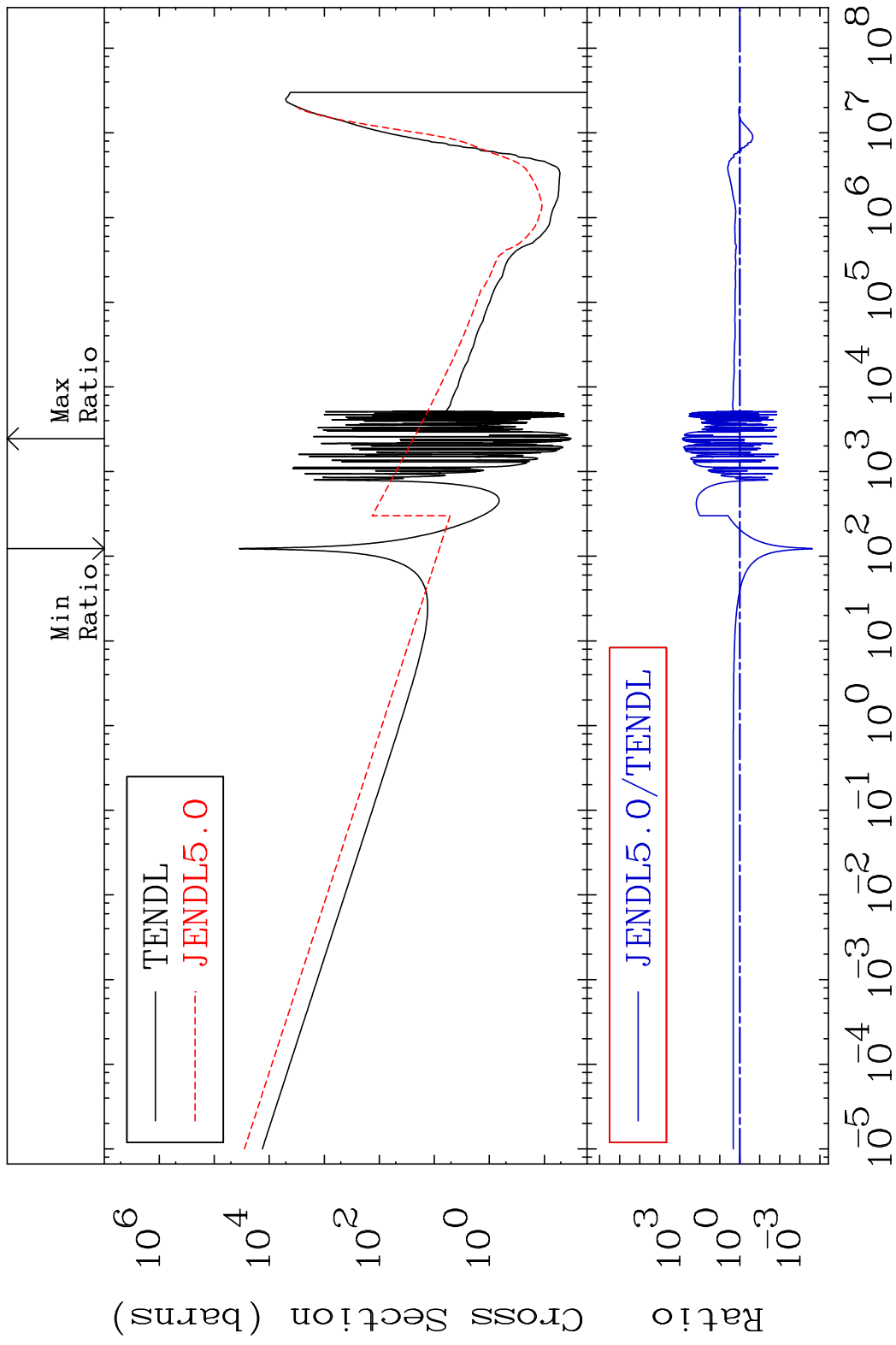
Cross Section -95.89 To 873.9 %



MAT 8128 Dpa inelastic (mt51-91) 81-Tl-204
 Cross Section -9.126 To 9999. %

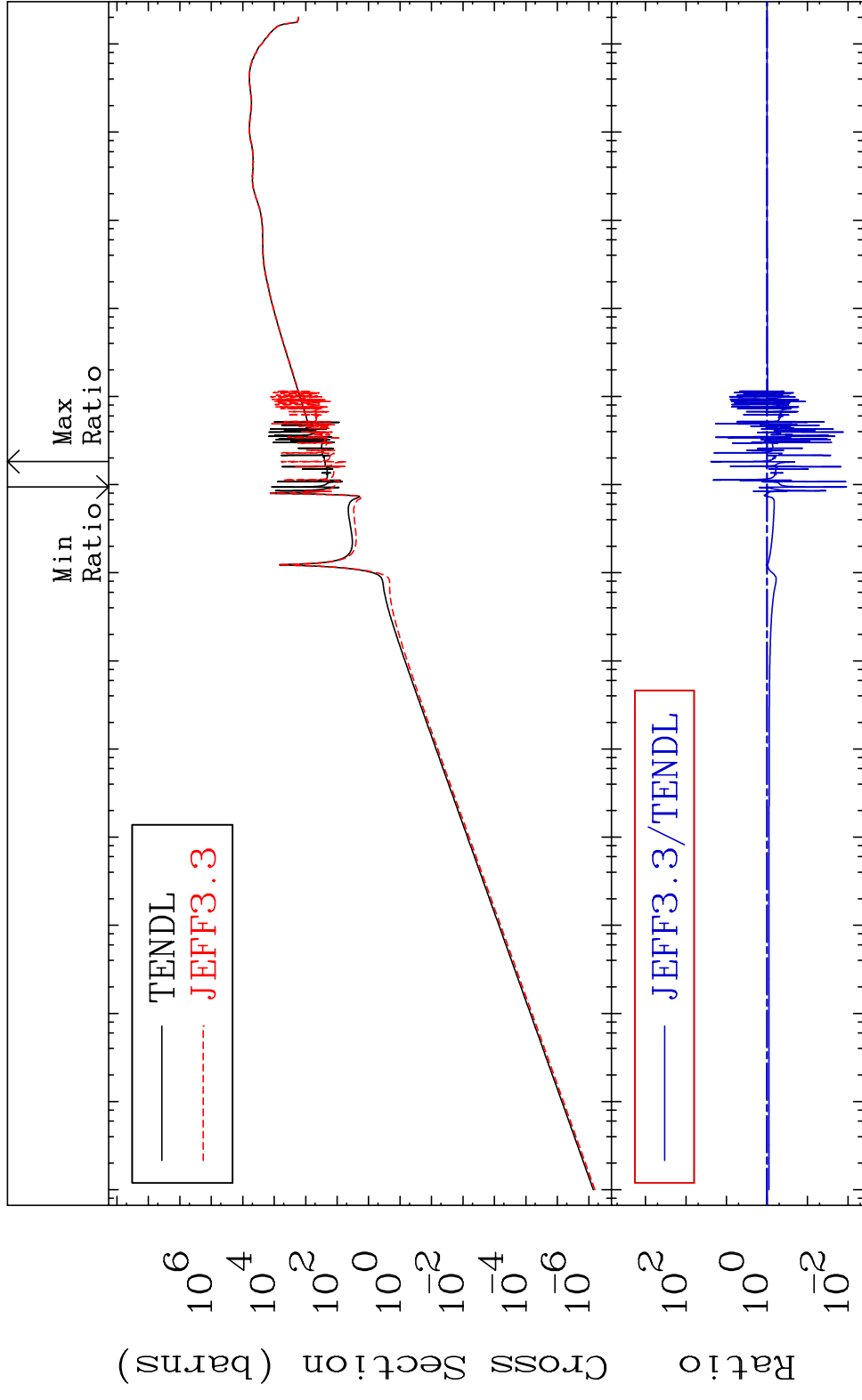


MAT 8128 Dpa disappearance (mt102 -120) 81-T1-204
 Cross Section -99.98 To 9999. %



MAT 8128

Kerma elastic Cross Section -98.90 To 2346. %
81-Tl-204

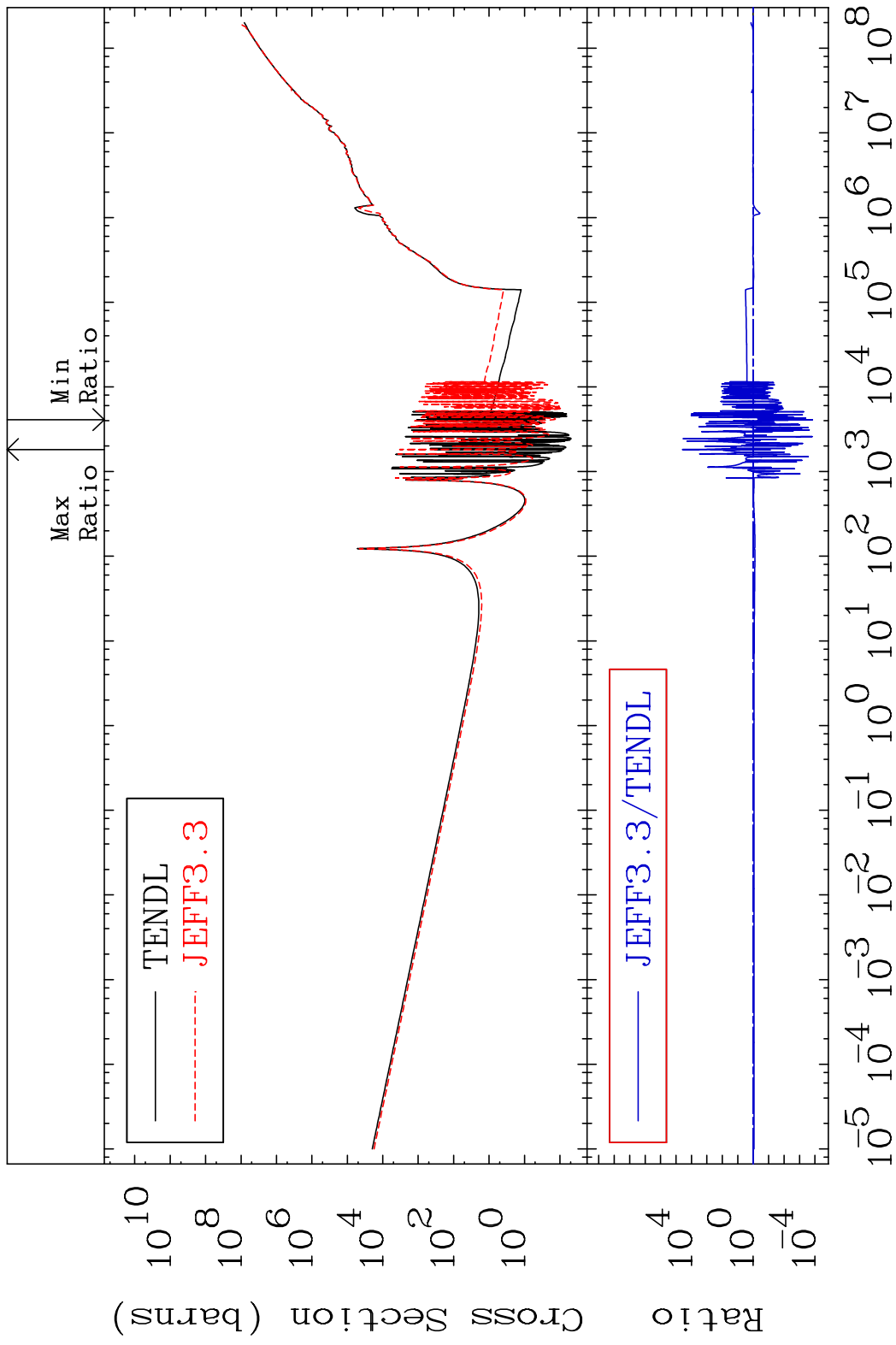


60

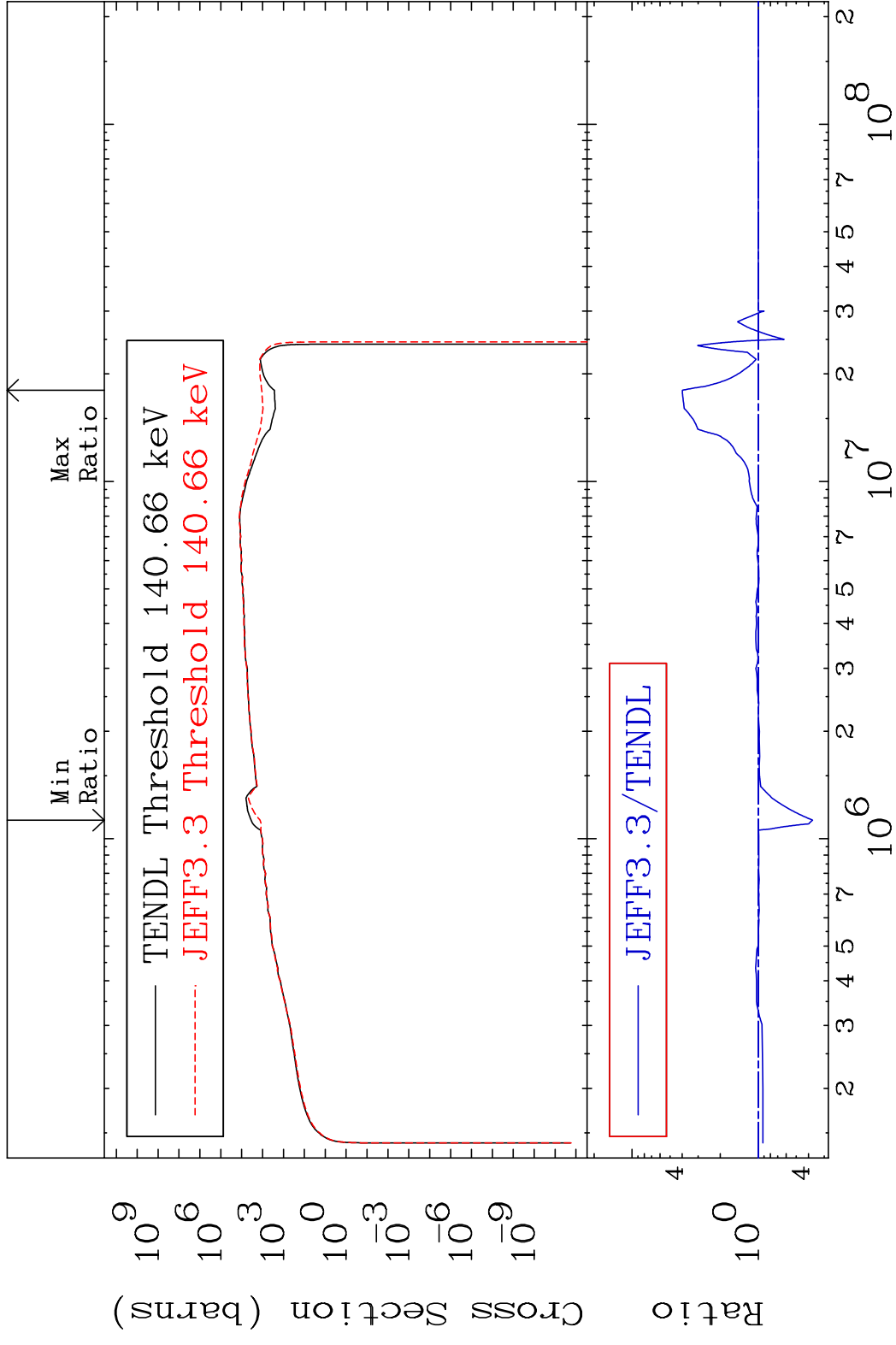
Incident Energy (eV)

81-Tl-204

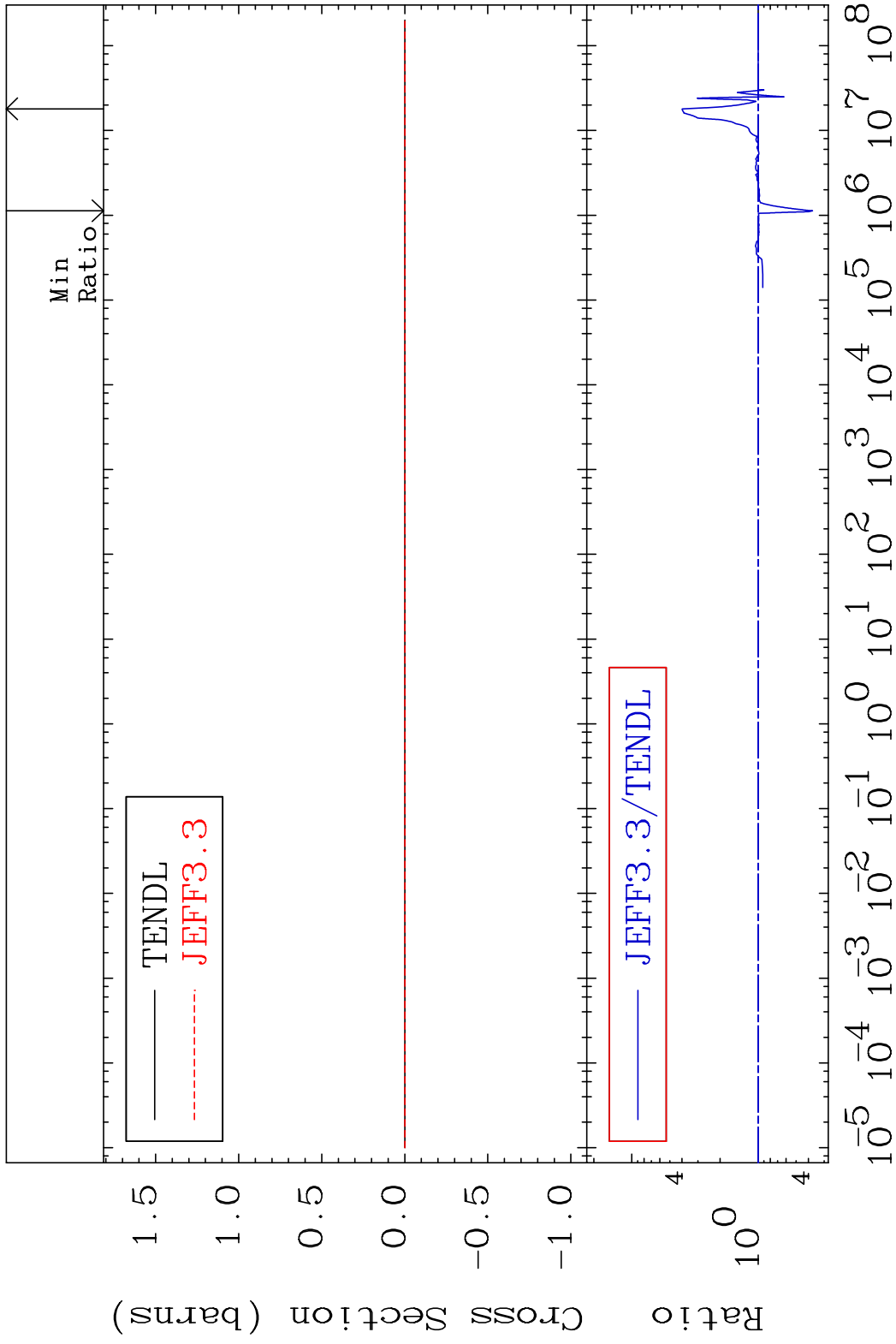
MAT 8128 Kerma non-elastic (all but mt2) 81-Tl-204
 Cross Section -99.99 To 9999. %

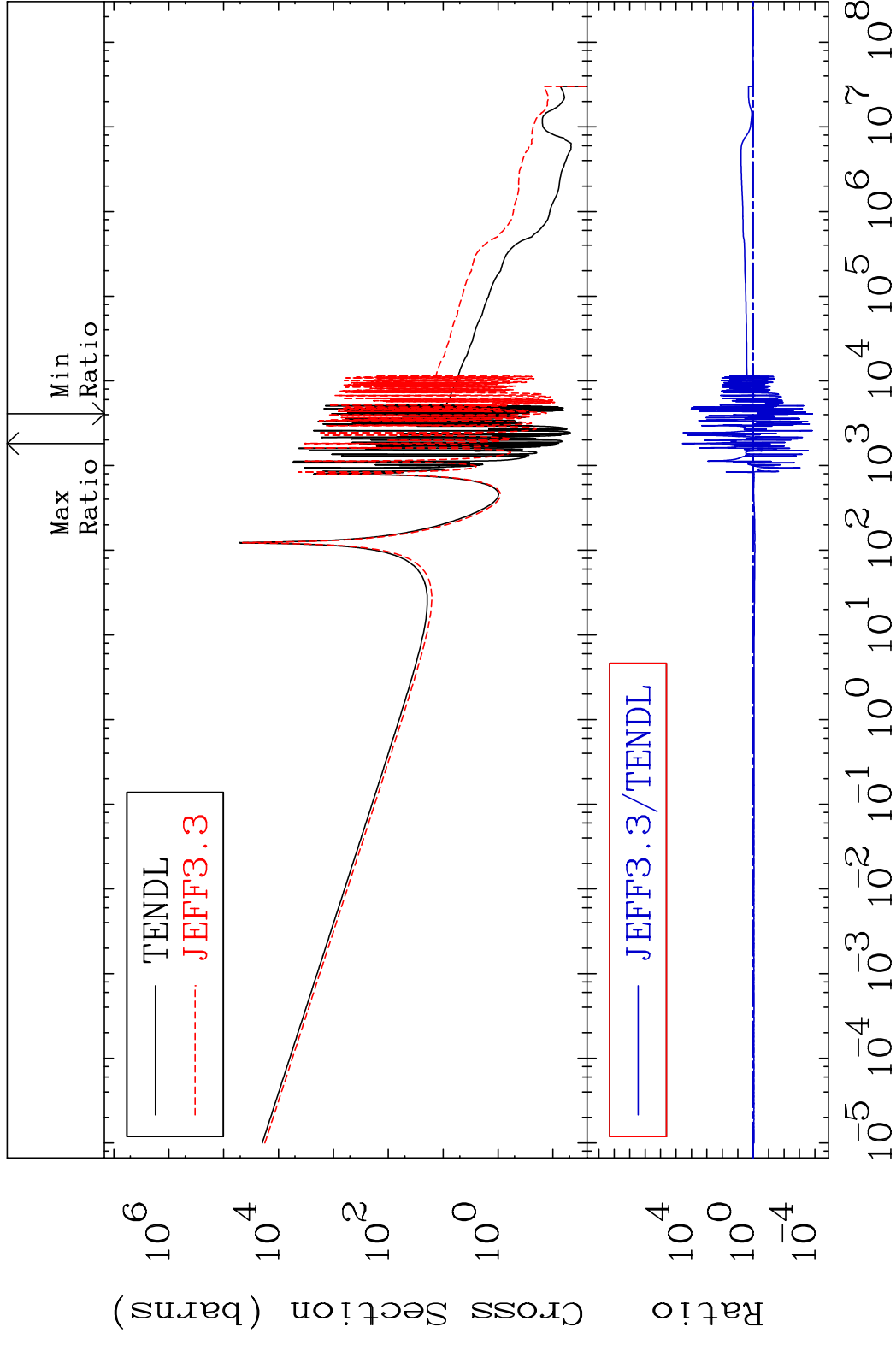


MAT 8128 Kerma inelastic (mt51-91) 81-Tl-204
 Cross Section -62.87 To 299.4 %

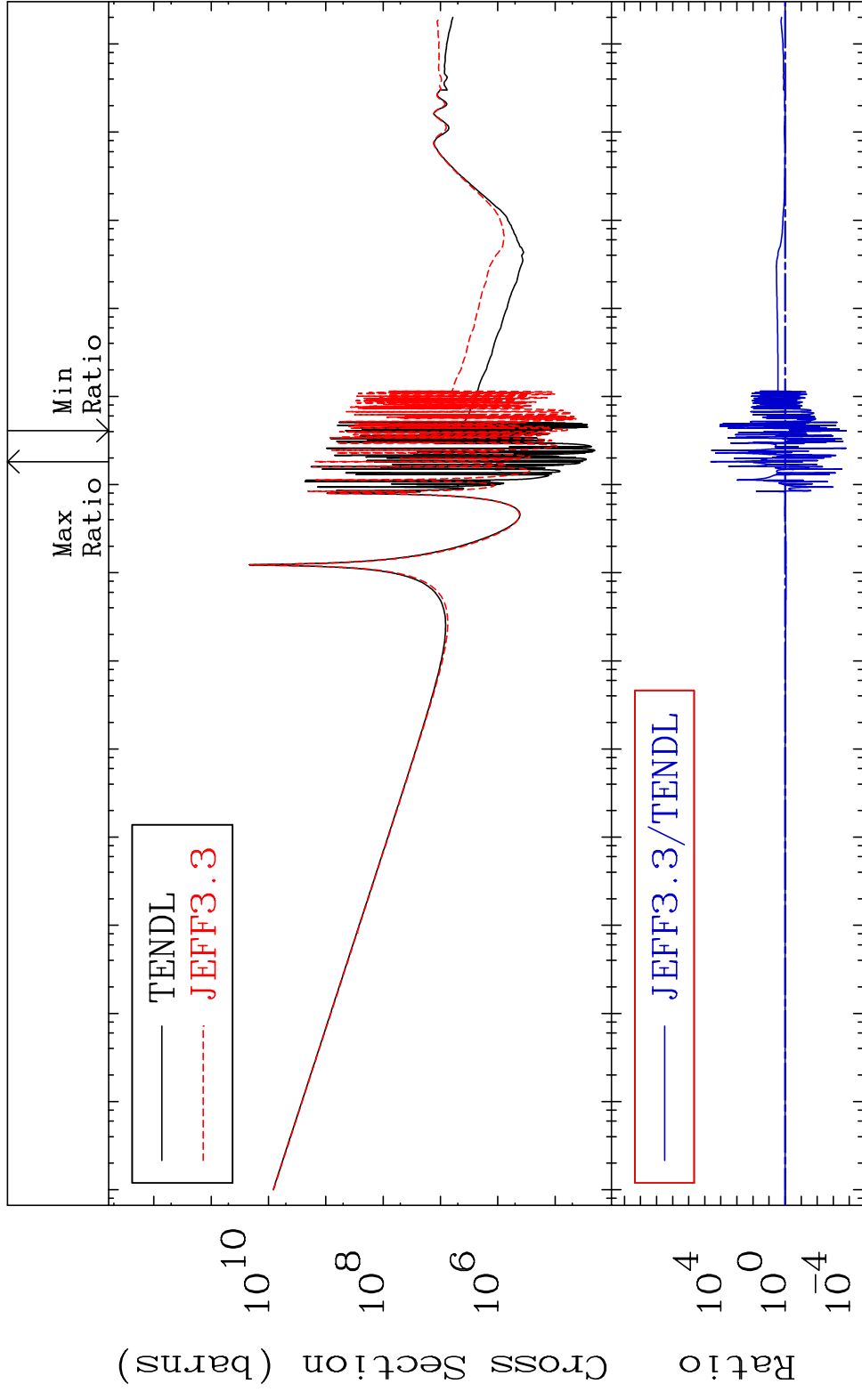


MAT 8128 Kerma fission (mt18 or mt19-20-21-38) 81-Tl-204
 Cross Section -62.87 To 299.4 %



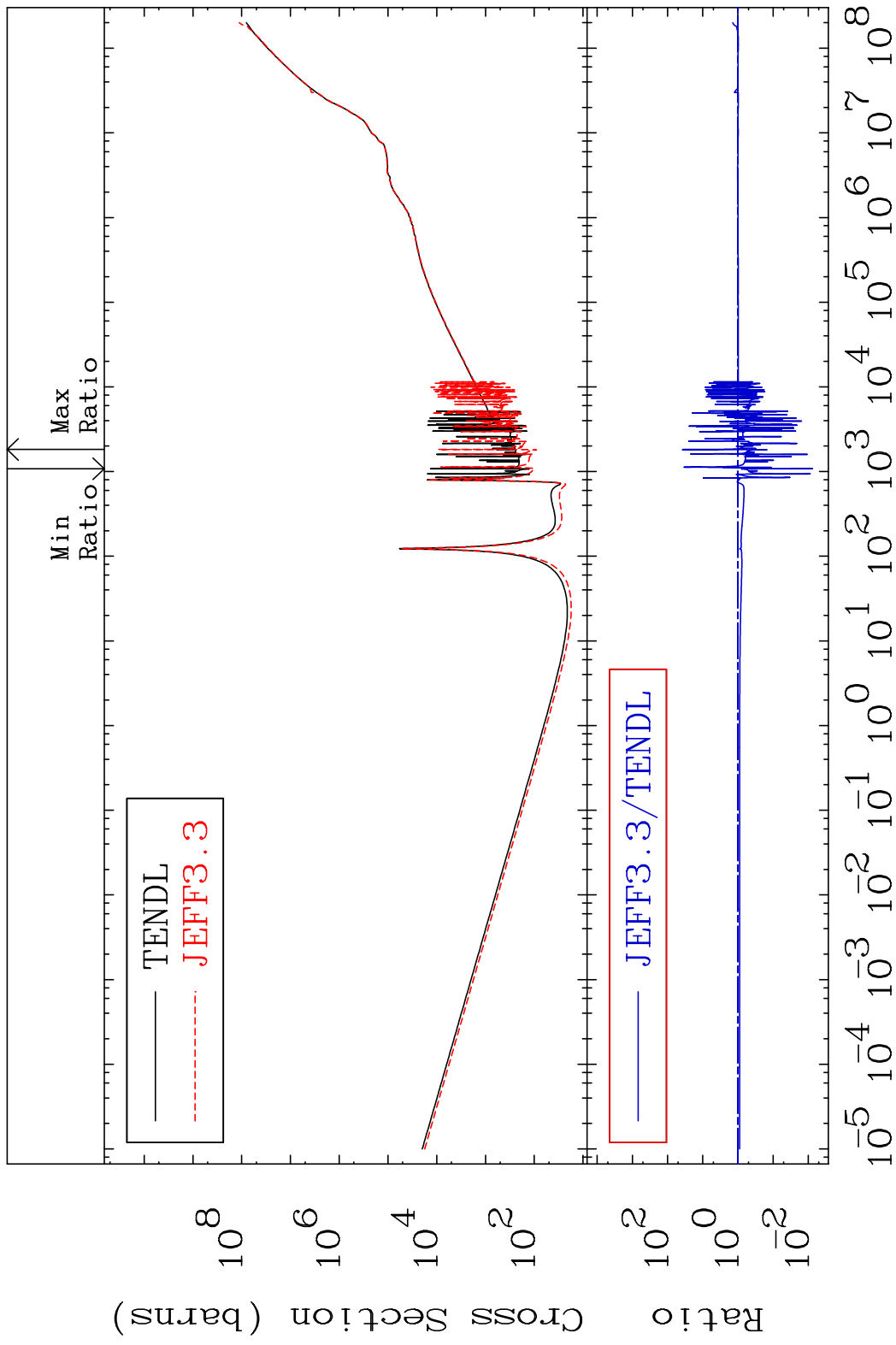


MAT 8128 Total photon (eV-barns) 81-T1-204
Cross Section -99.98 To 9999. %



65 Incident Energy (eV) 81-T1-204

MAT 8128 Total kinematic kerma (high limit) 81-Tl-204
 Cross Section -99.25 To 3694. %

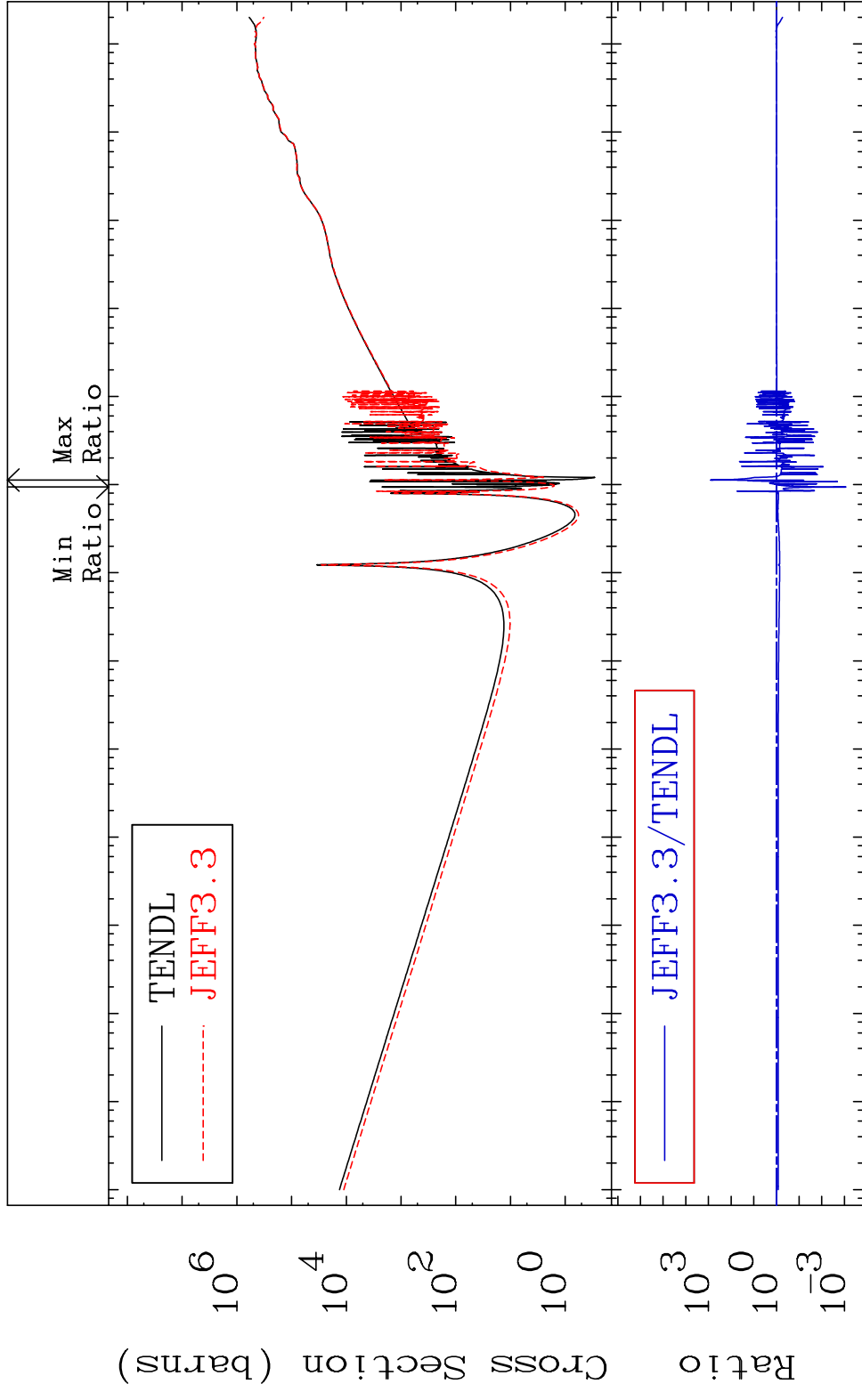


MAT 8128

Dpa total (eV-barns)

81-T1-204

Cross Section -99.92 To 9999. %



67

Incident Energy (eV)

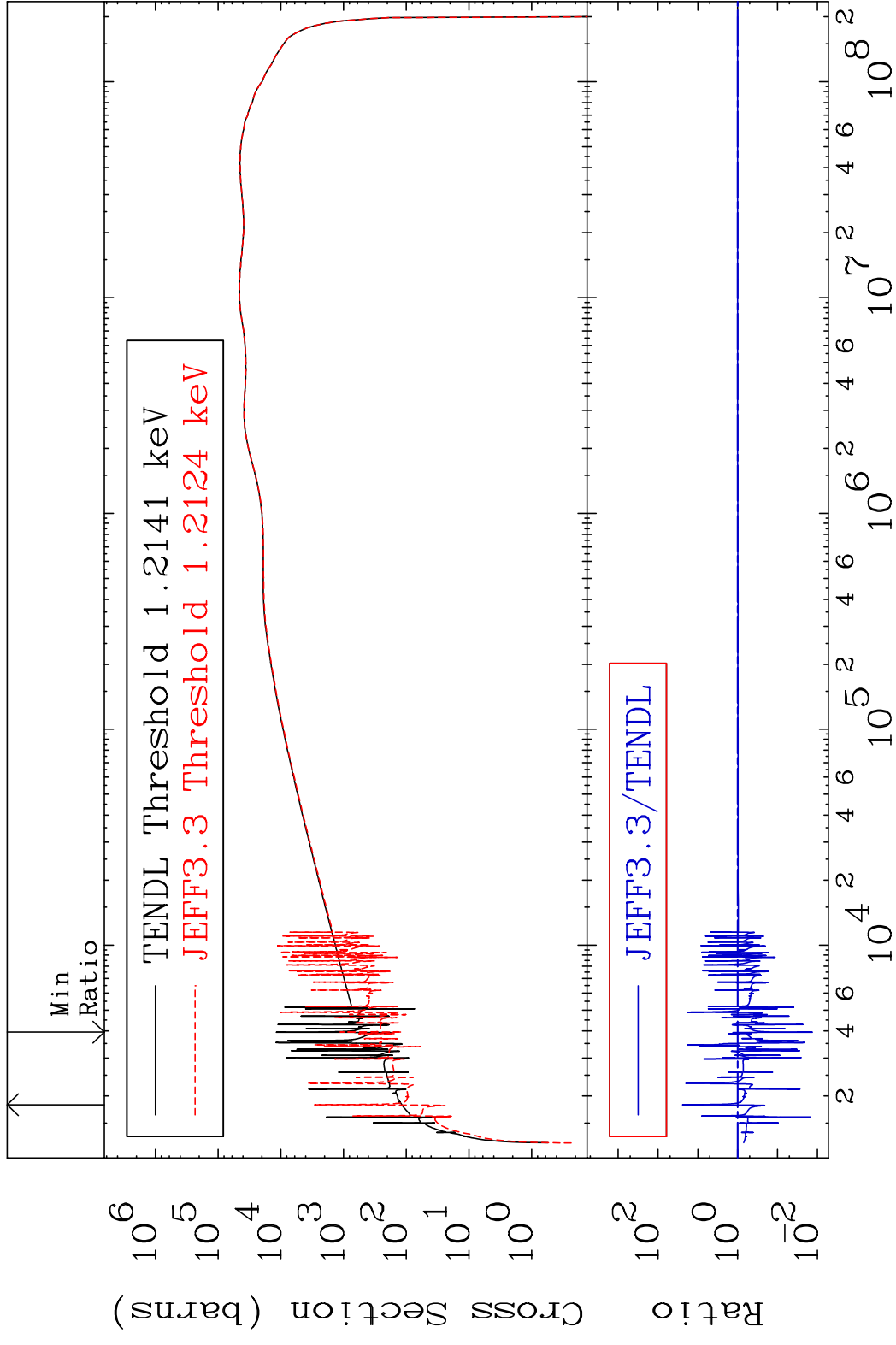
81-T1-204

MAT 8128

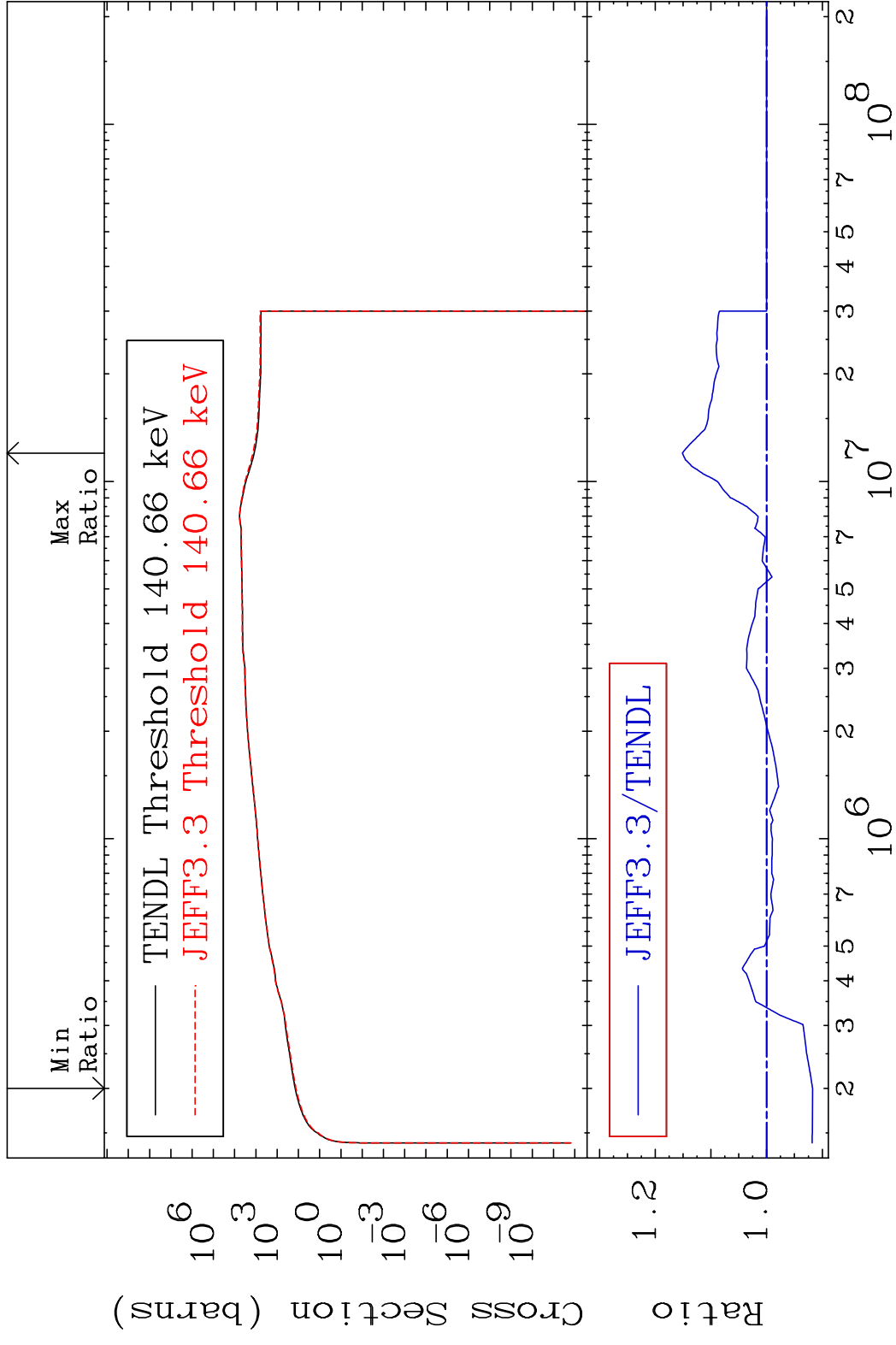
Dpa elastic (mt2)

81-Tl-204

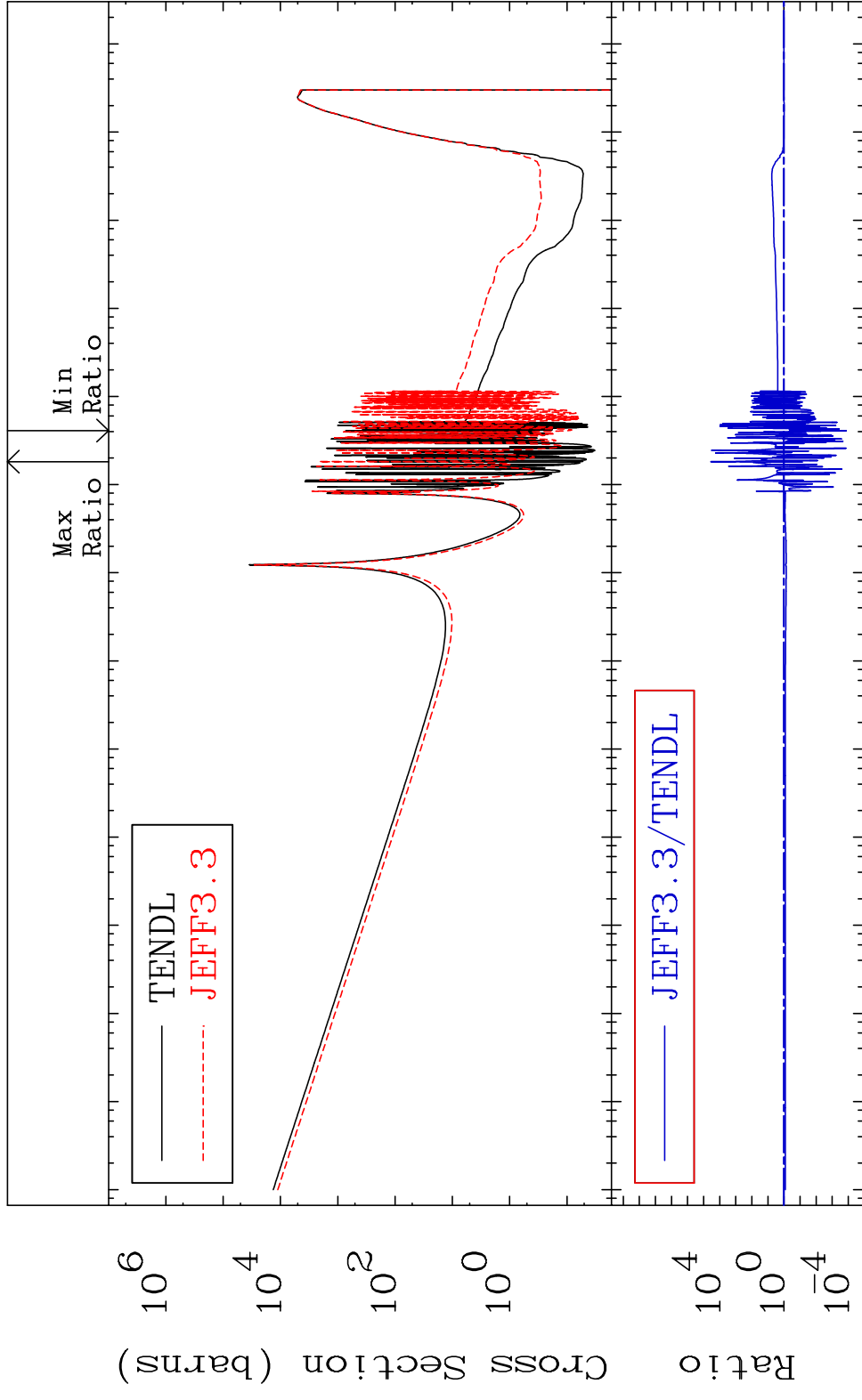
Cross Section -98.69 To 2345. %



MAT 8128 Dpa inelastic (mt51-91) 81-Tl-204
 Cross Section -8.246 To 15.13 %



MAT 8128 Dpa disappearance (mt102 -120) 81-T1-204
 Cross Section -99.99 To 9999. %



70 Incident Energy (eV) 81-T1-204

