

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

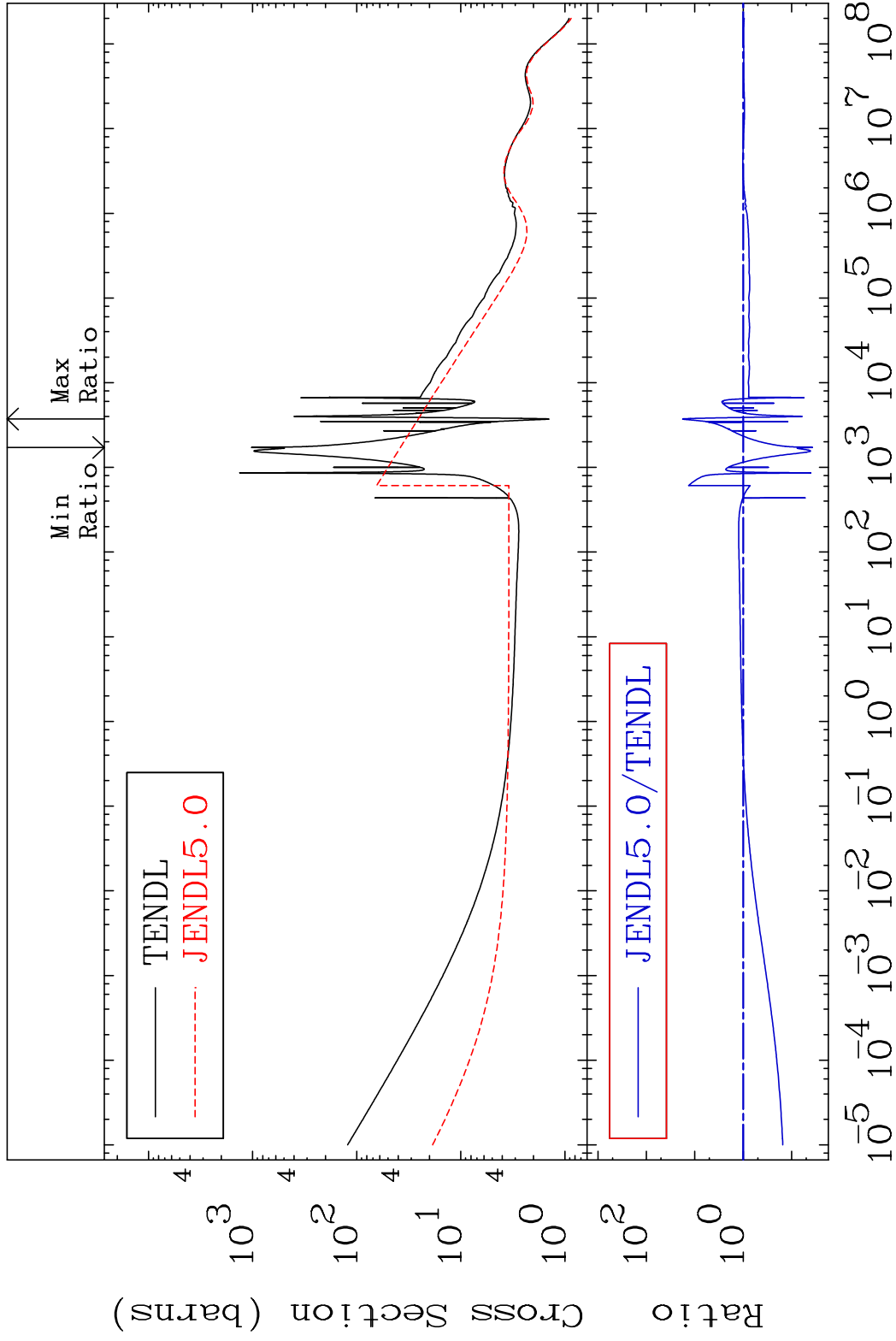
Press Mouse Button to Start

MAT 2131

Total

21-Sc-47

Cross Section -96.30 To 1707. %



1

Incident Energy (eV)

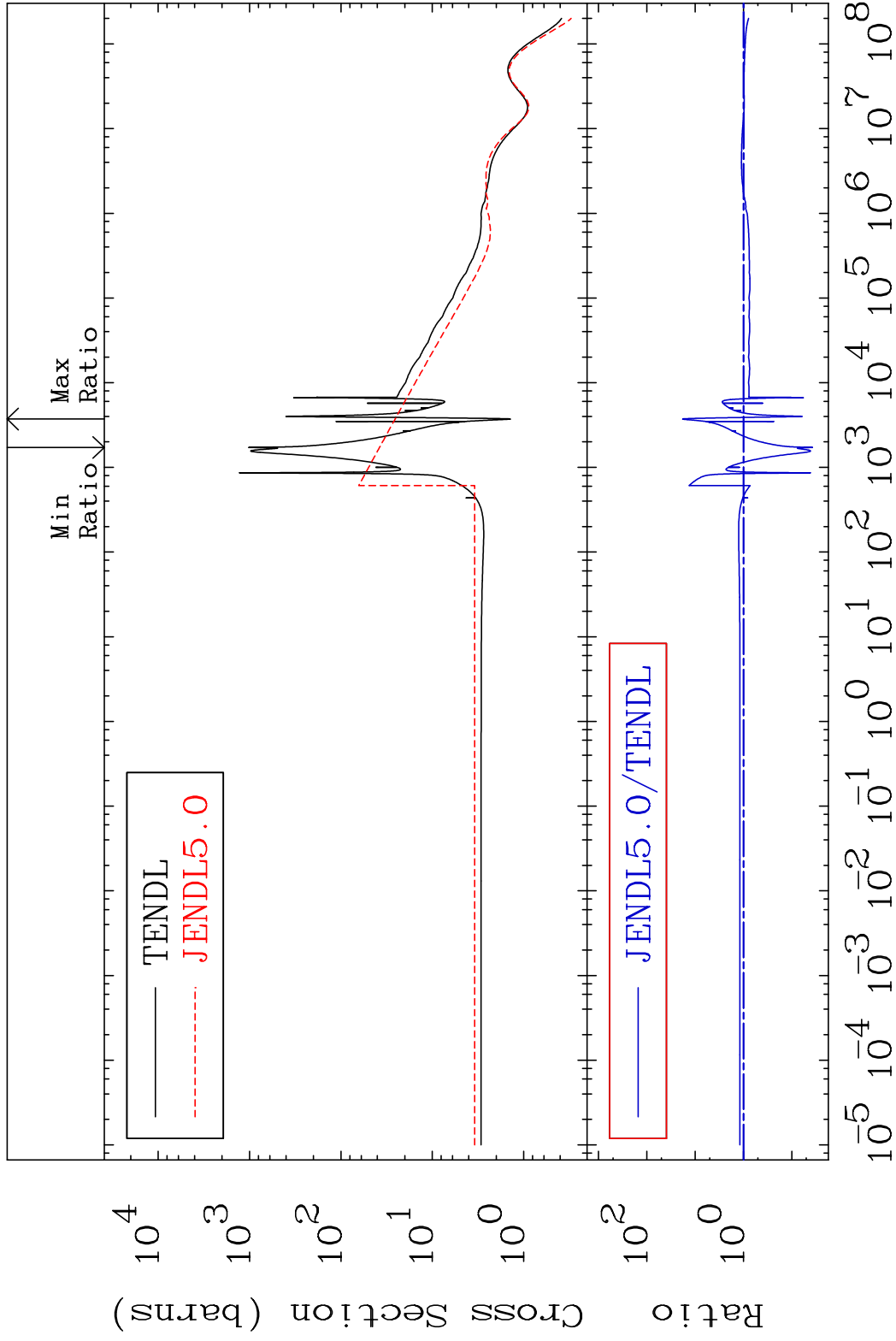
21-Sc-47

MAT 2131

Elastic

21-Sc-47

Cross Section -96.29 To 1736. %



2

Incident Energy (eV)

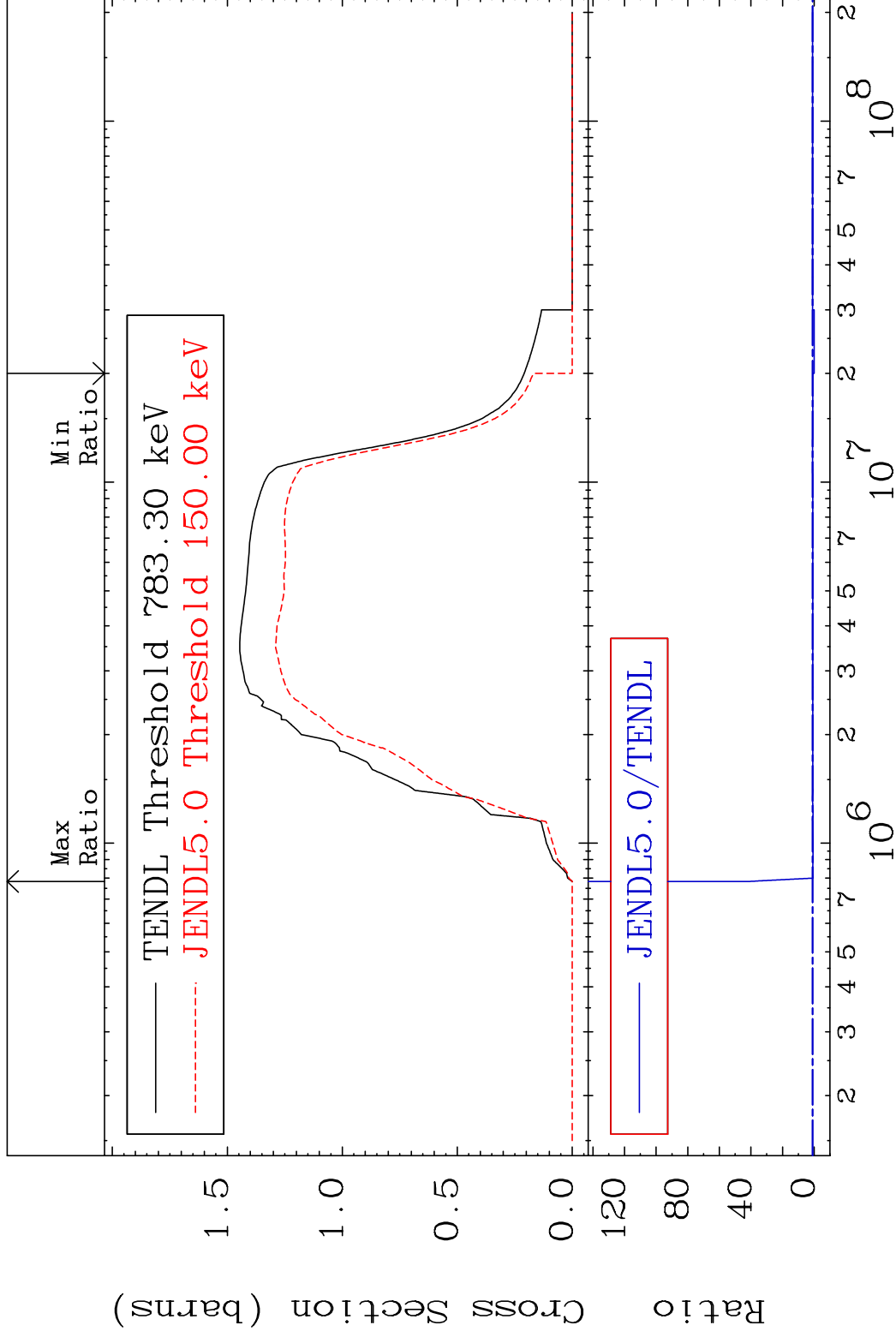
21-Sc-47

MAT 2131

Inelastic

21-Sc-47

Cross Section -100.0 To 8159. %



3

Incident Energy (eV)

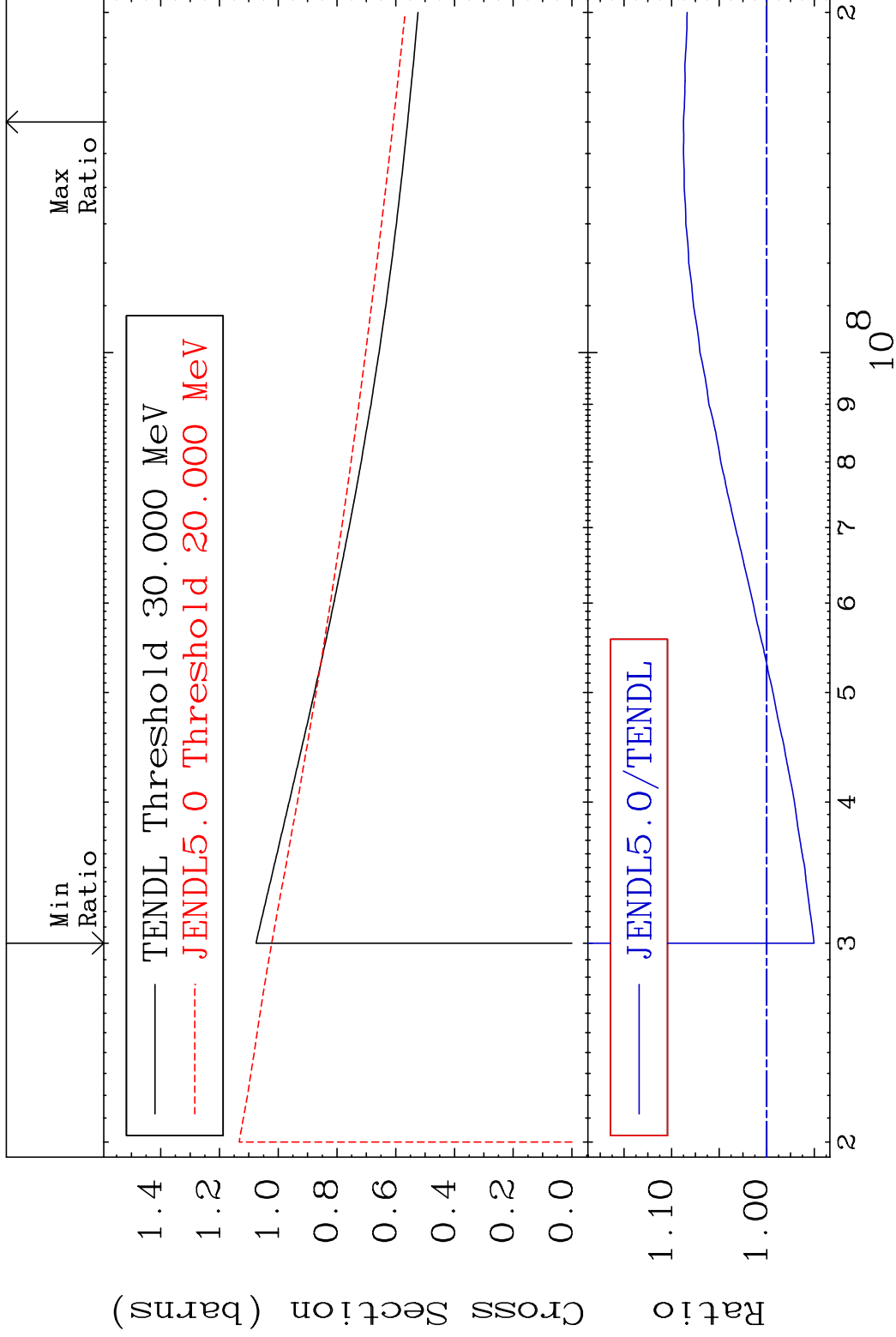
21-Sc-47

MAT 2131

(n, remainder)

21-Sc-47

Cross Section -4.983 To 8.742 %



4

Incident Energy (eV)

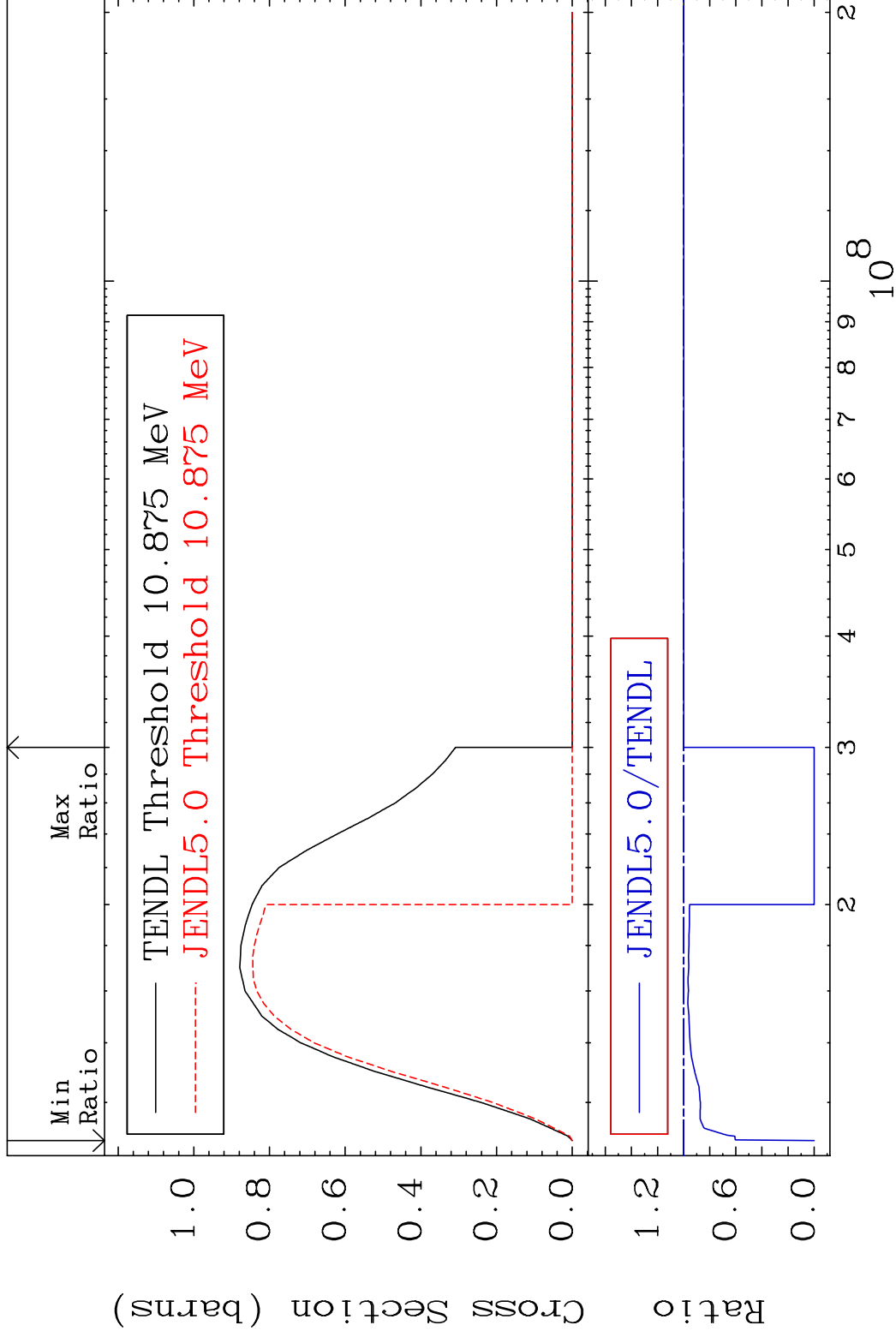
21-Sc-47

MAT 2131

(n,2n)

21-Sc-47

Cross Section -100.0 To 0.000 %



5

Incident Energy (eV)

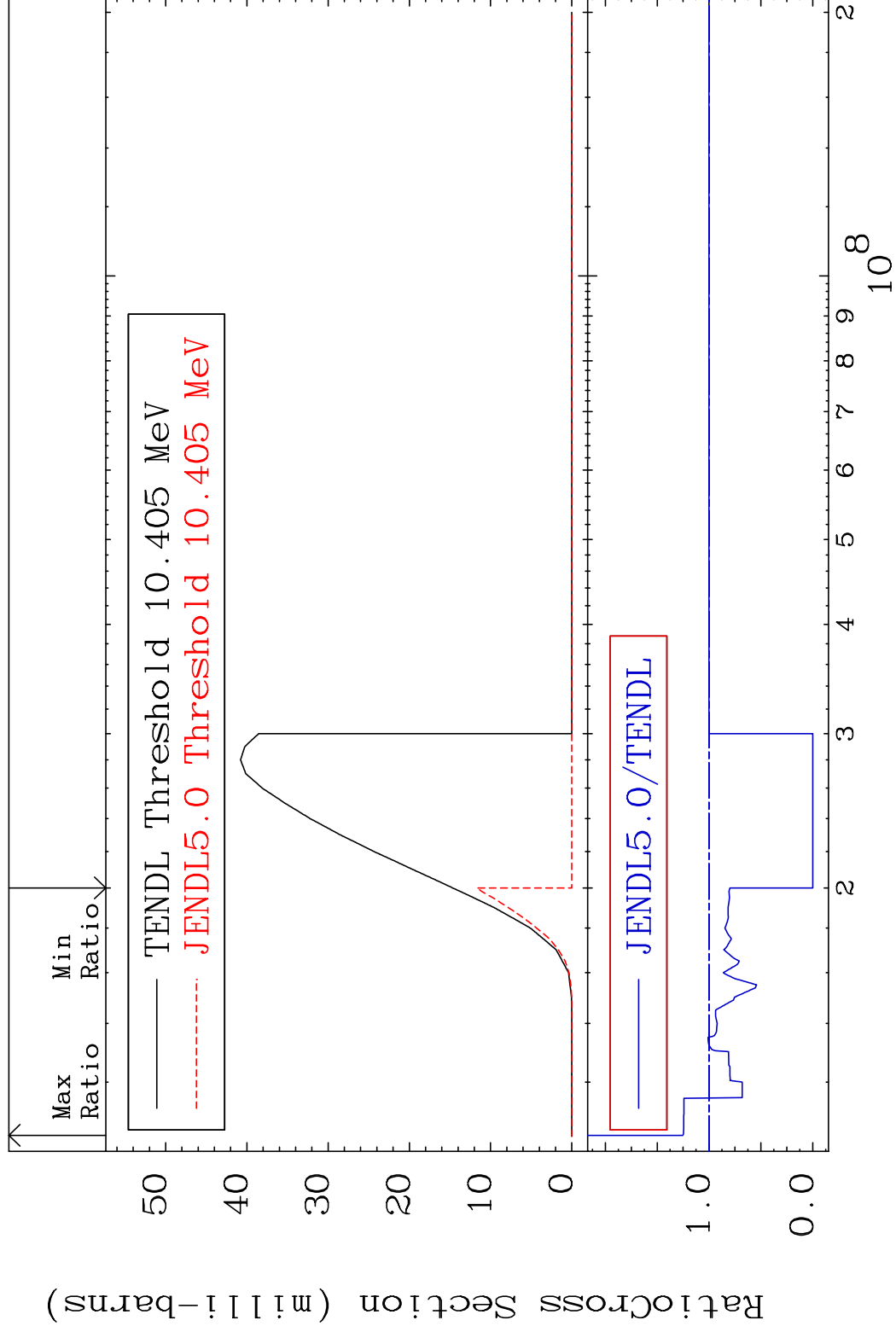
21-Sc-47

MAT 2131

(n, n') α

21-Sc-47

Cross Section -100.0 To 25.35 %



6

Incident Energy (eV)

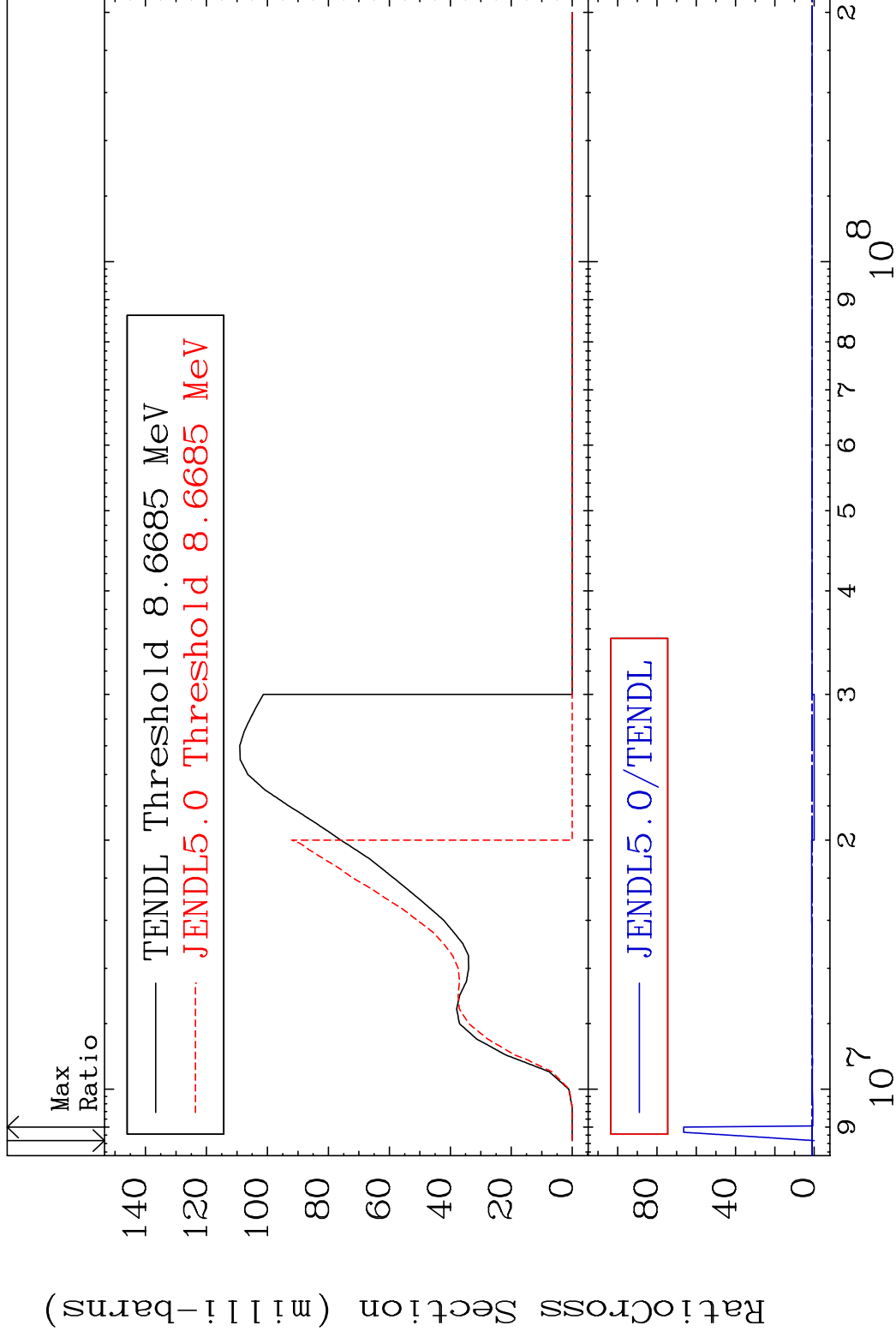
21-Sc-47

MAT 2131

(n, n') p

21-Sc-47

Cross Section -100.0 To 6539. %



7

Incident Energy (eV)

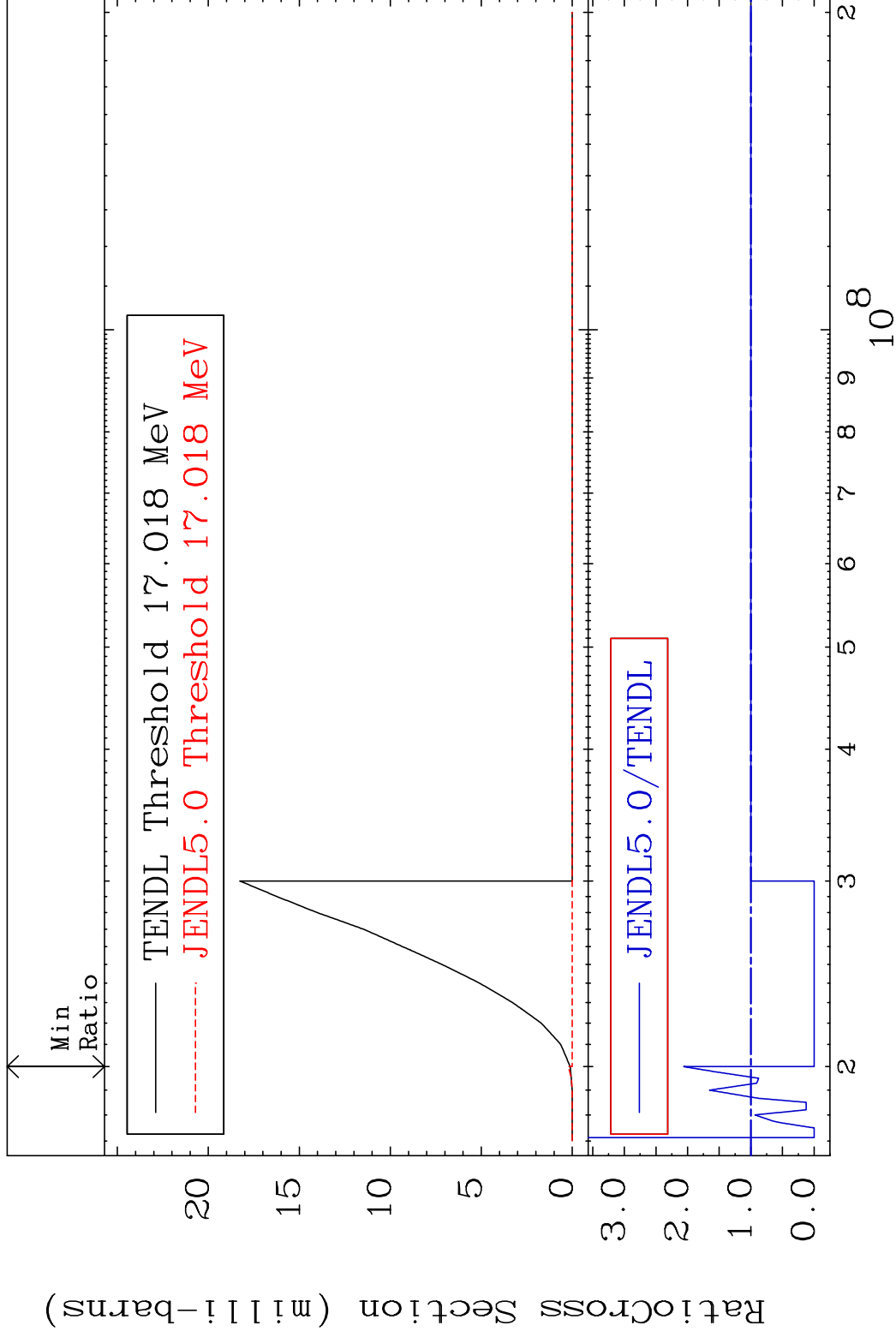
21-Sc-47

MAT 2131

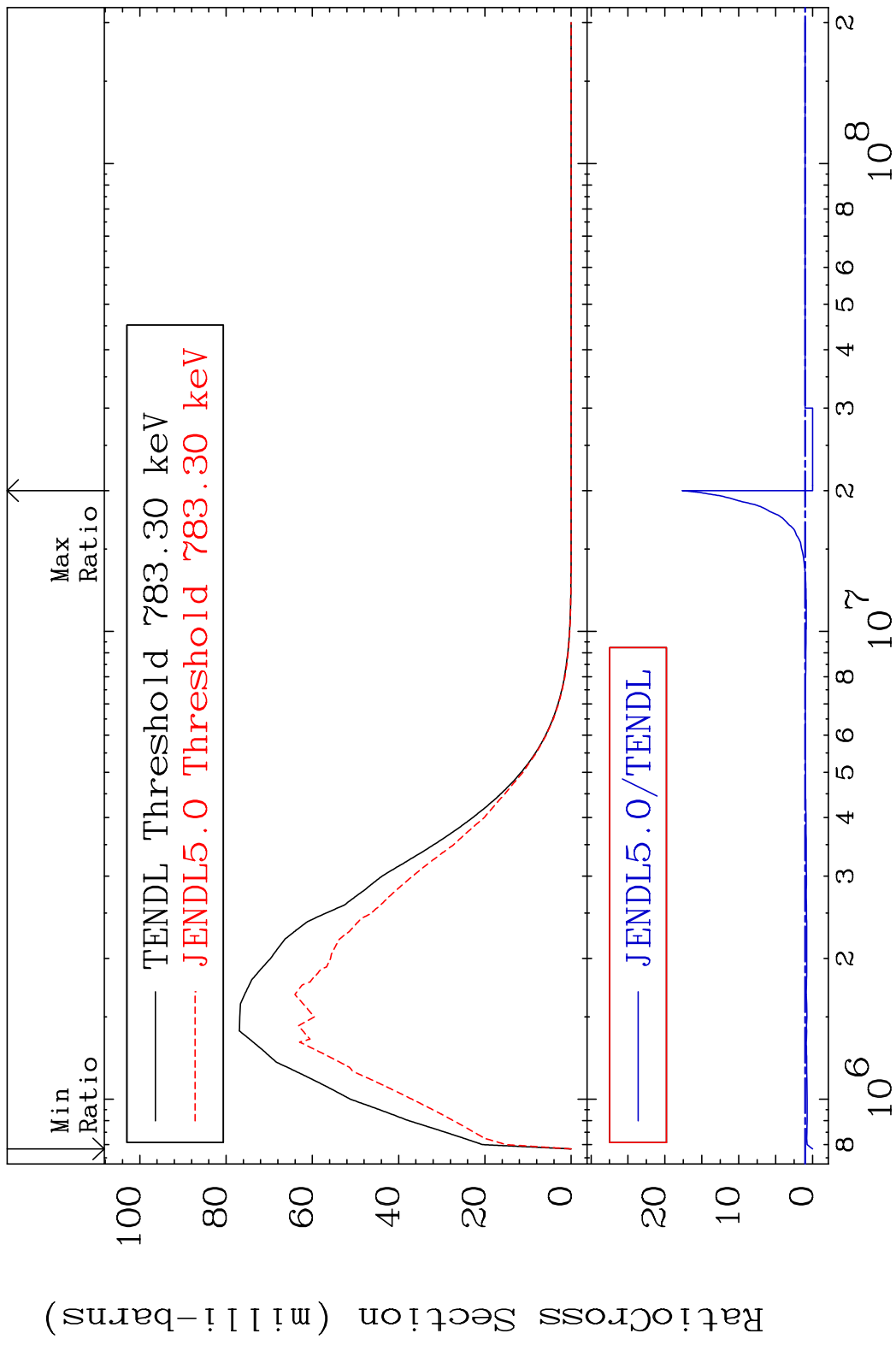
(n, n') d

21-Sc-47

Cross Section -100.0 To 106.2 %

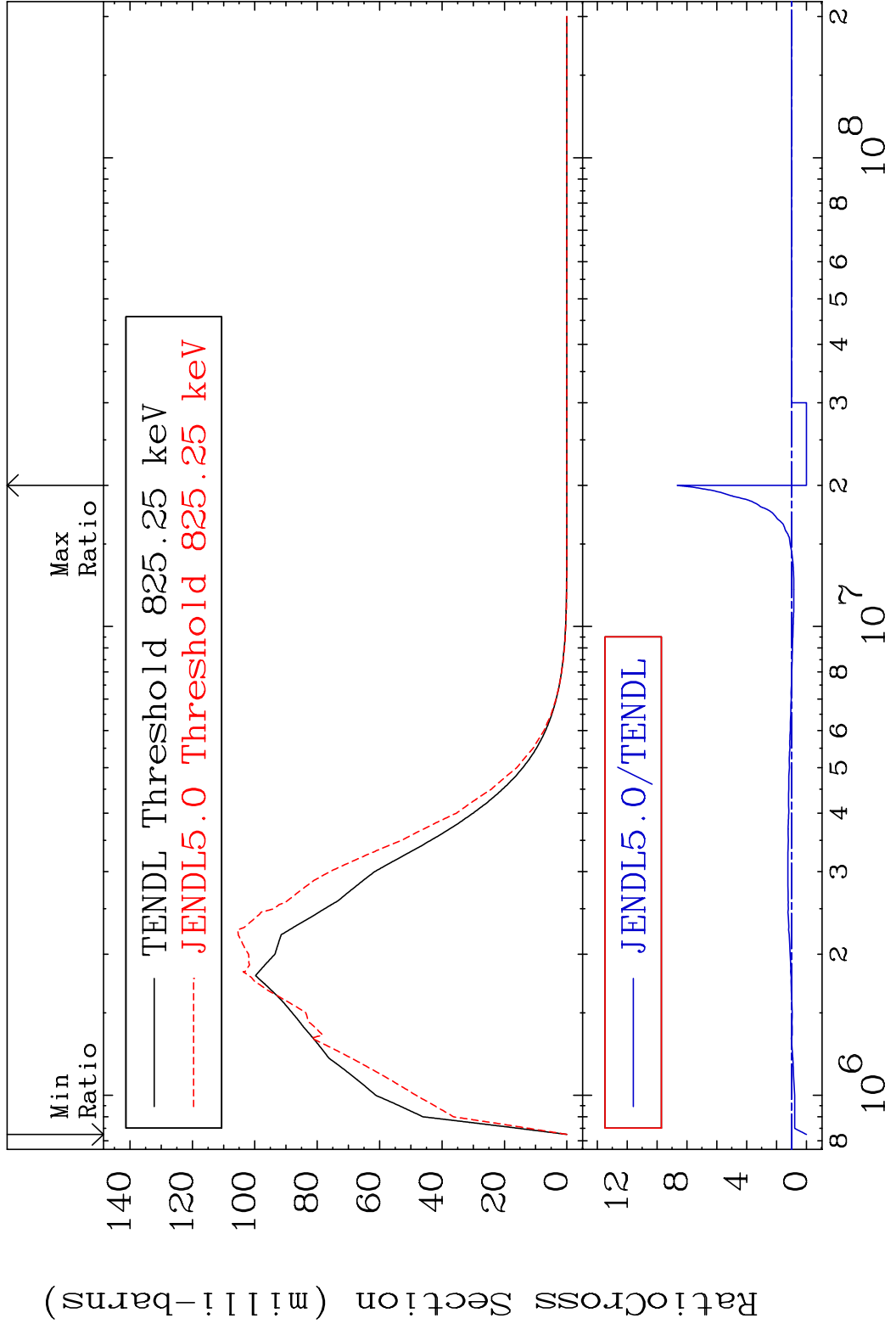


MAT 2131 MT= 51 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 1663. %



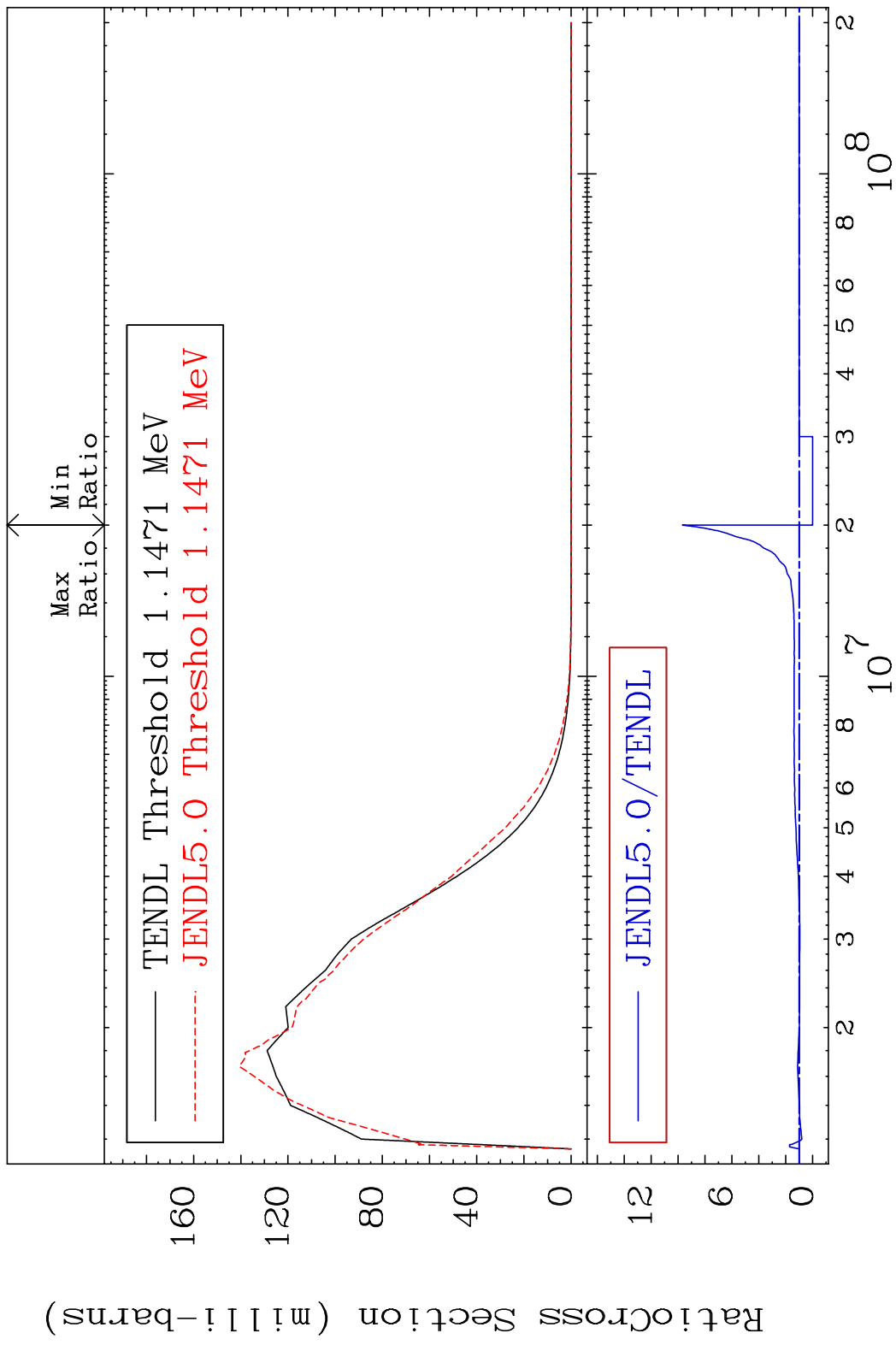
9 Incident Energy (eV) 21-Sc-47

MAT 2131 MT= 52 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 765.6 %

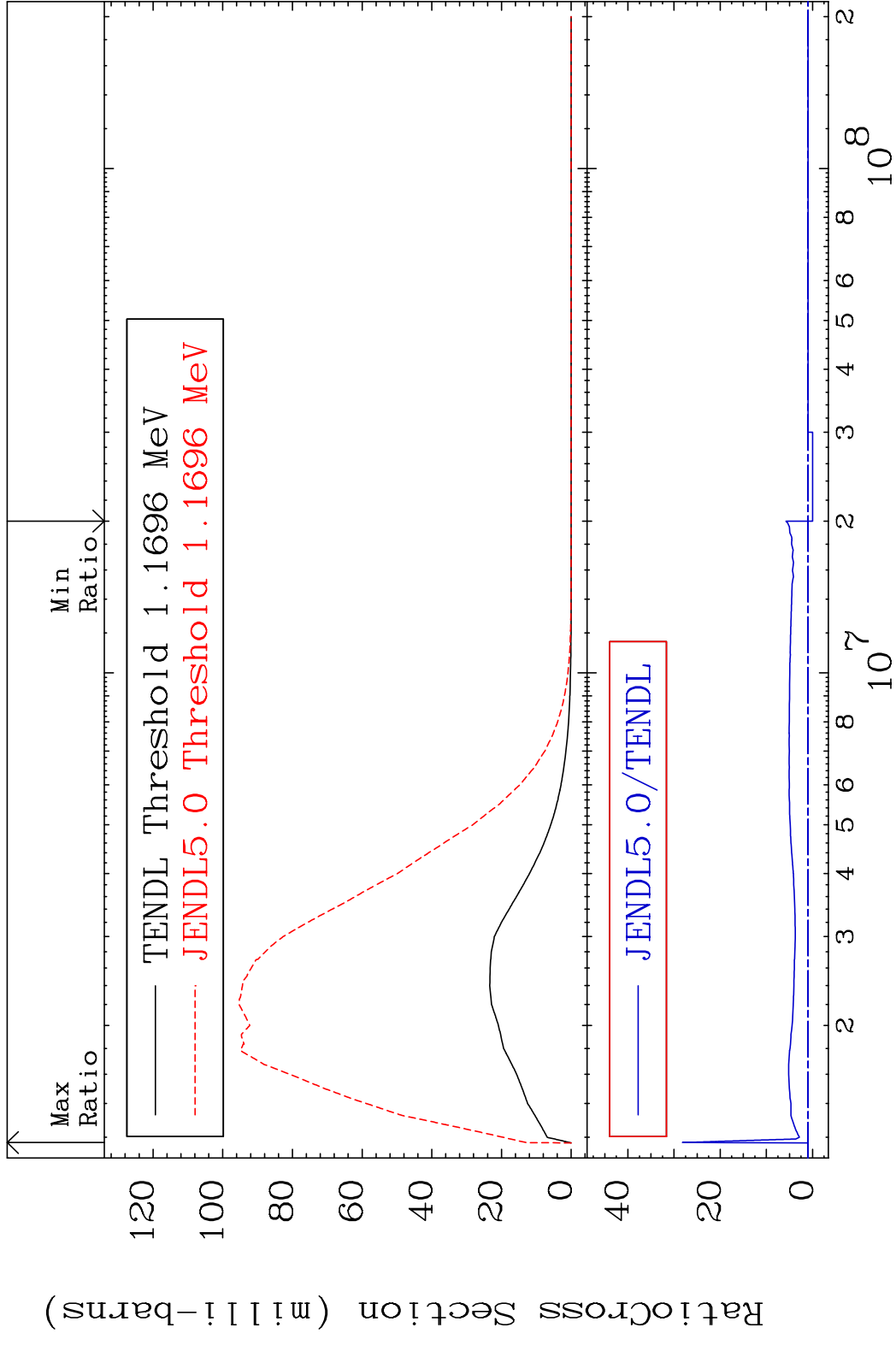


10 8 6 4 2 2 3 4 5 6 8 10 8 21-Sc-47

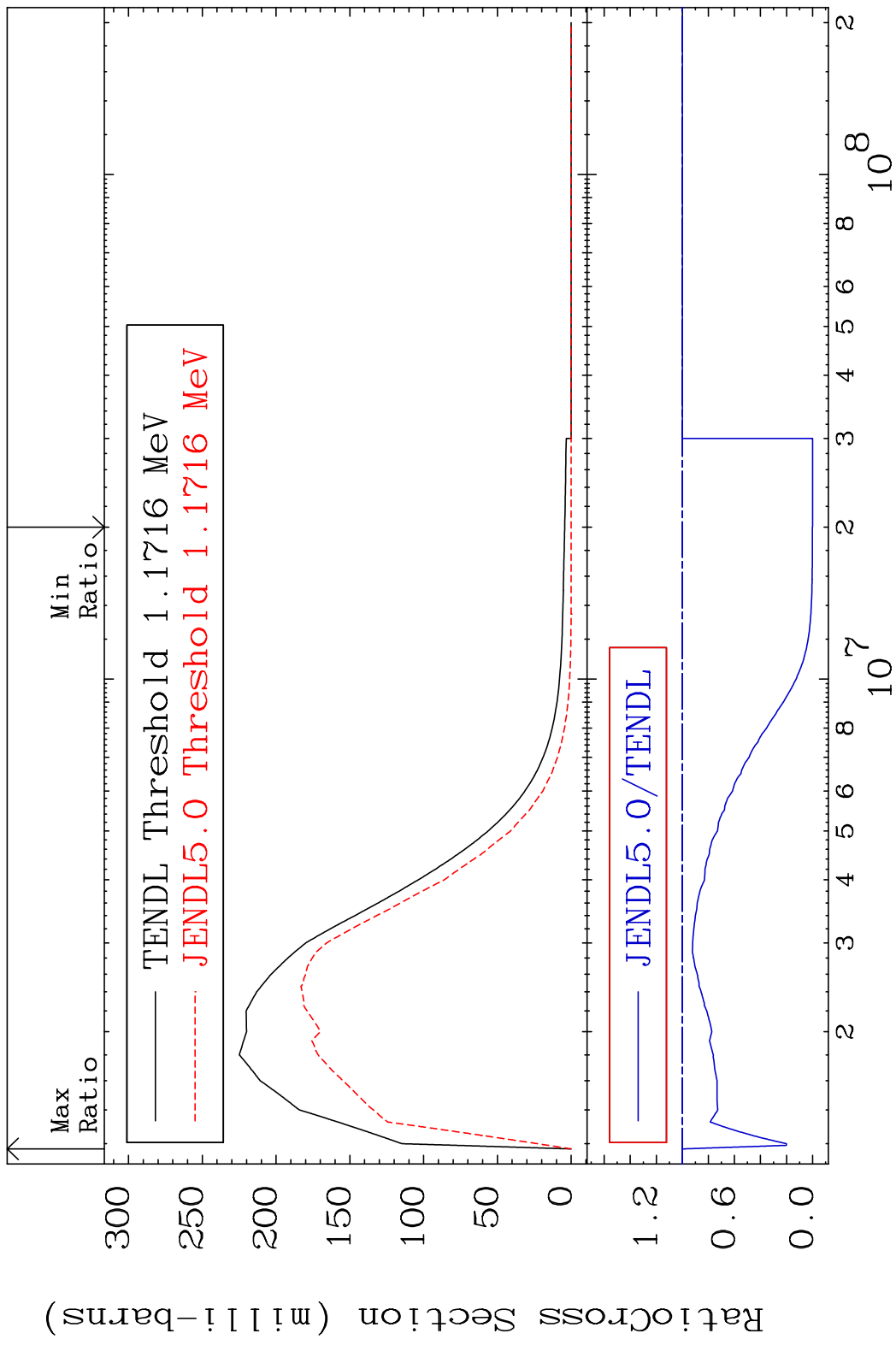
MAT 2131 MT= 53 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 867.9 %



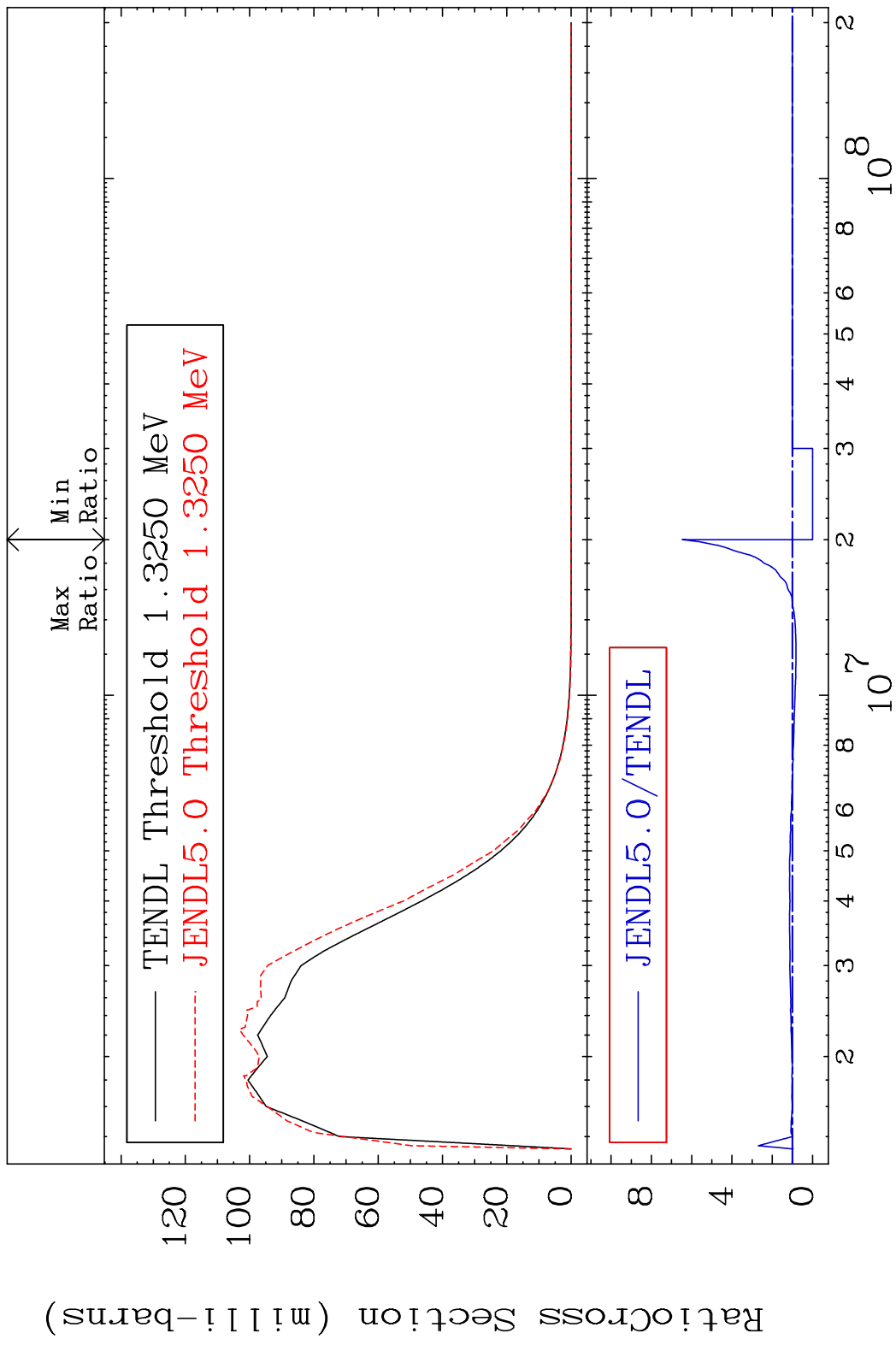
MAT 2131 MT= 54 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 2720. %



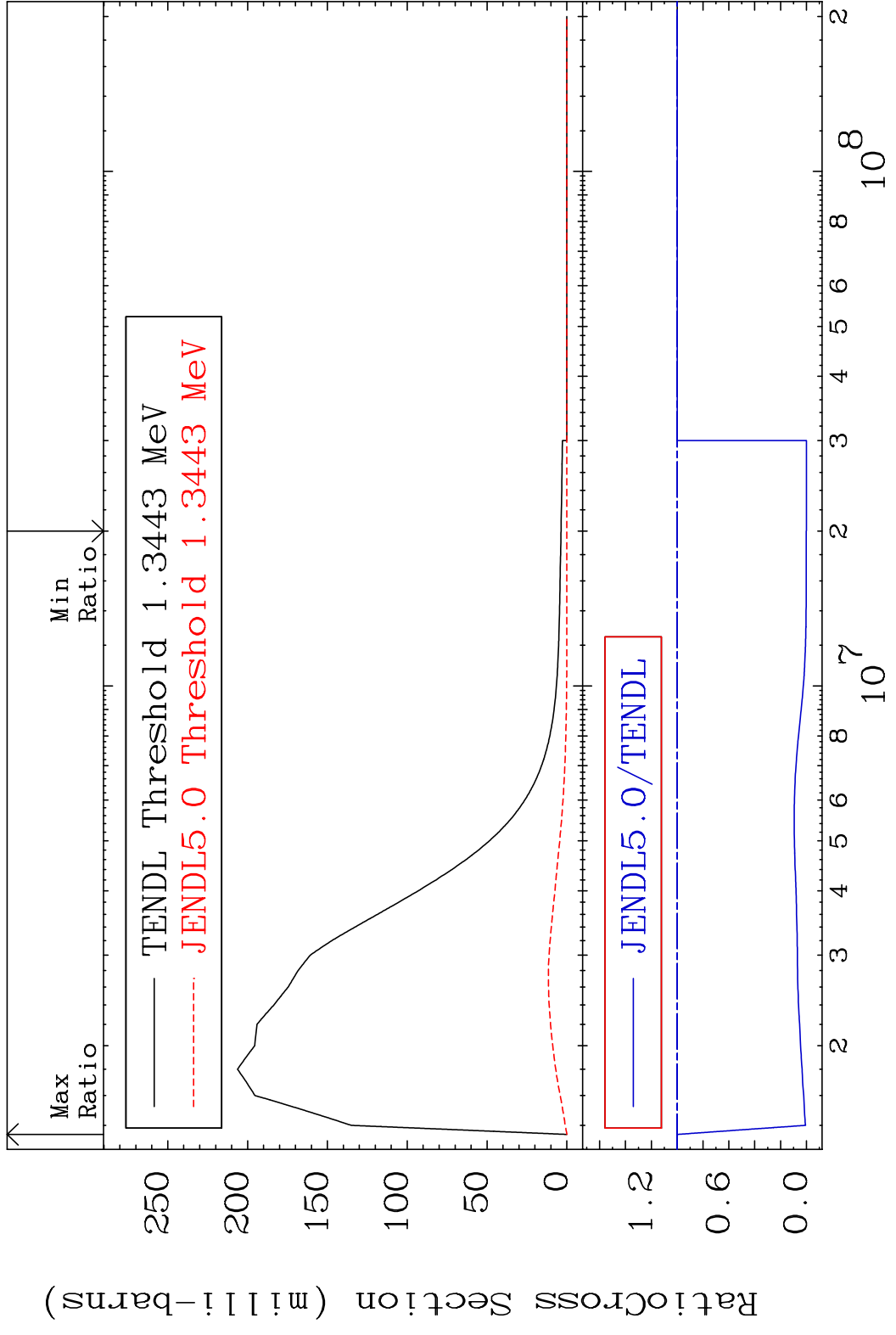
MAT 2131 MT= 55 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 0.000 %



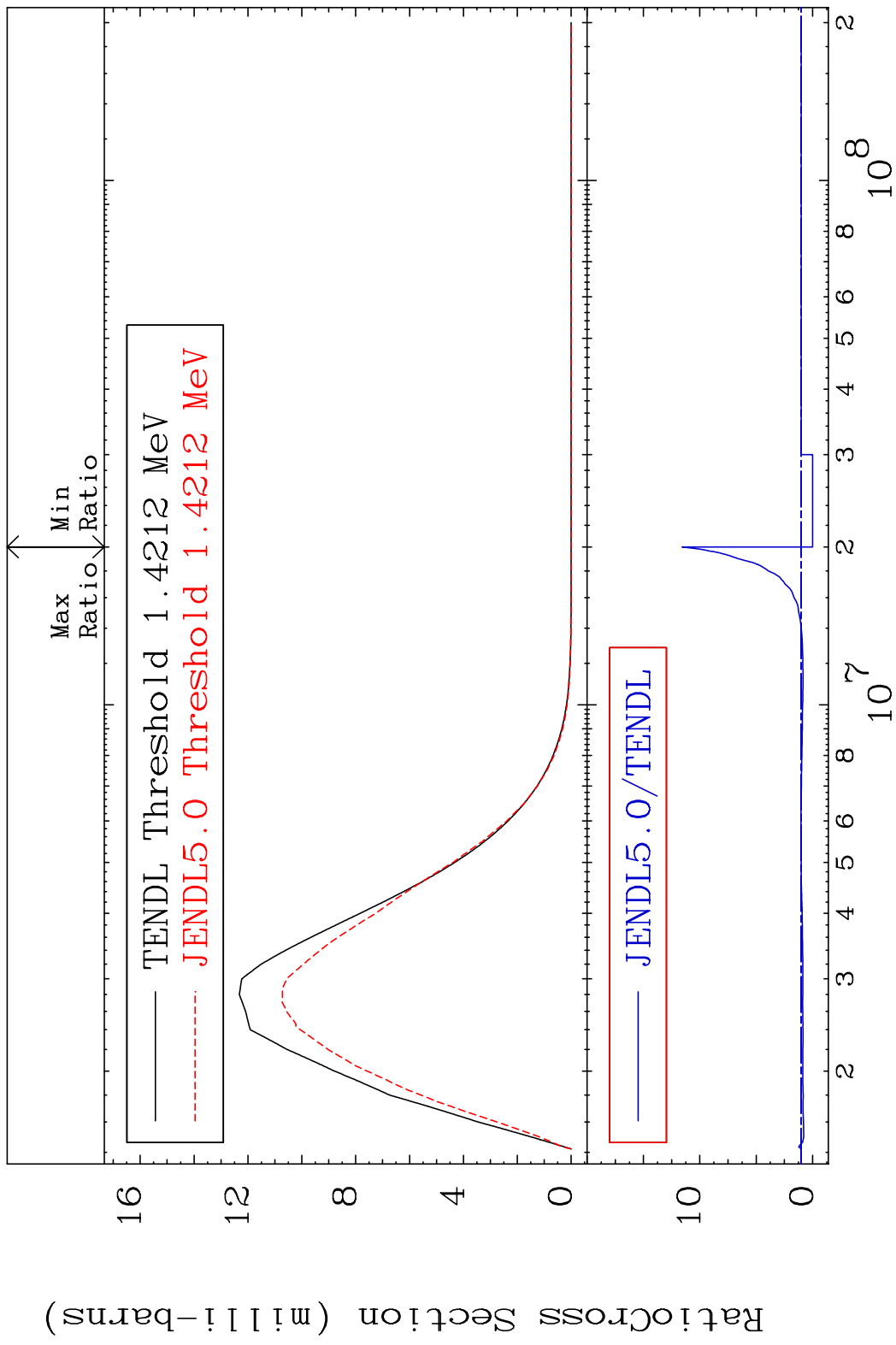
MAT 2131 MT= 56 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 546.3 %



MAT 2131 MT= 57 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 0.000 %

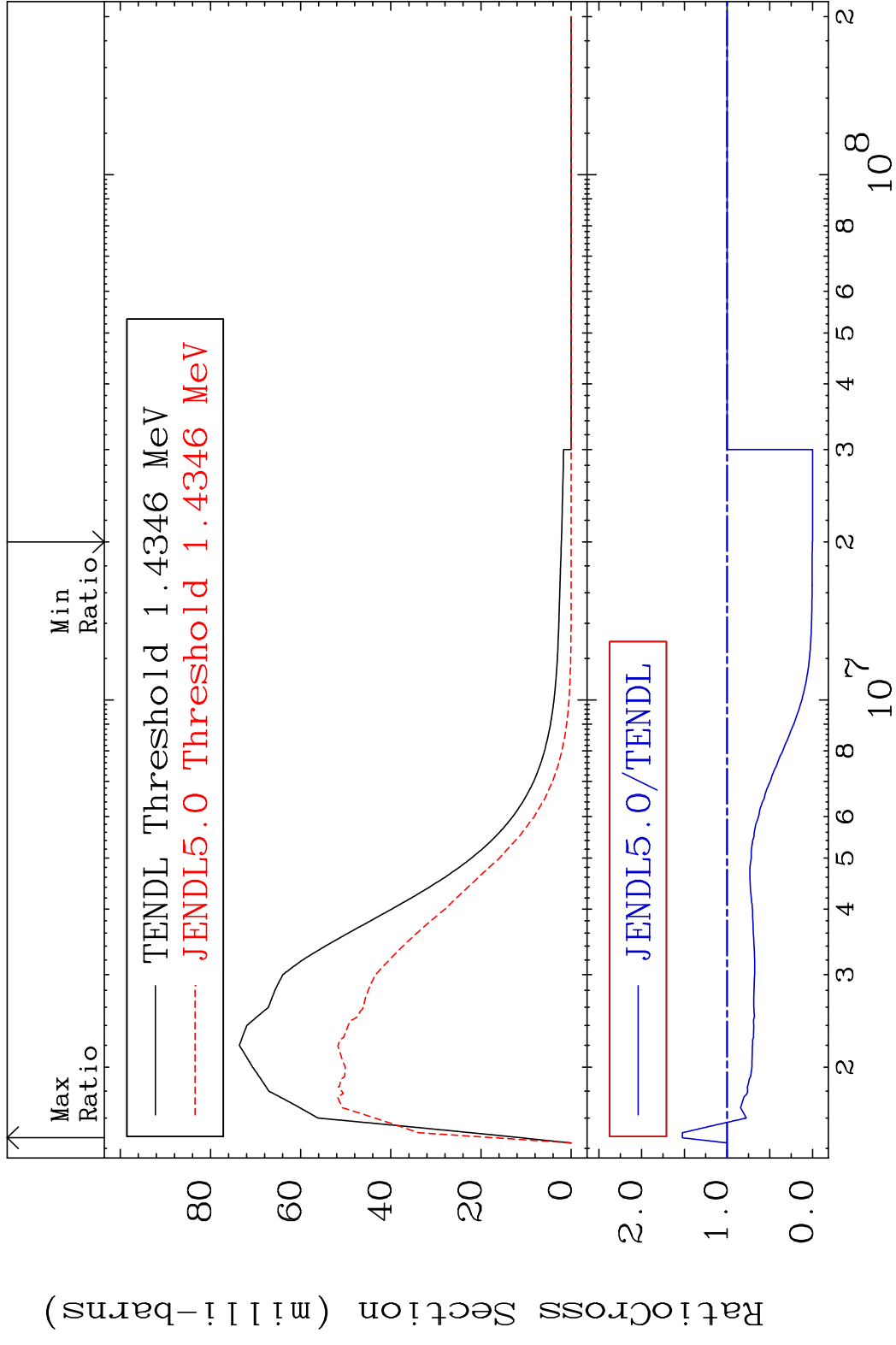


MAT 2131 MT= 58 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 1055. %

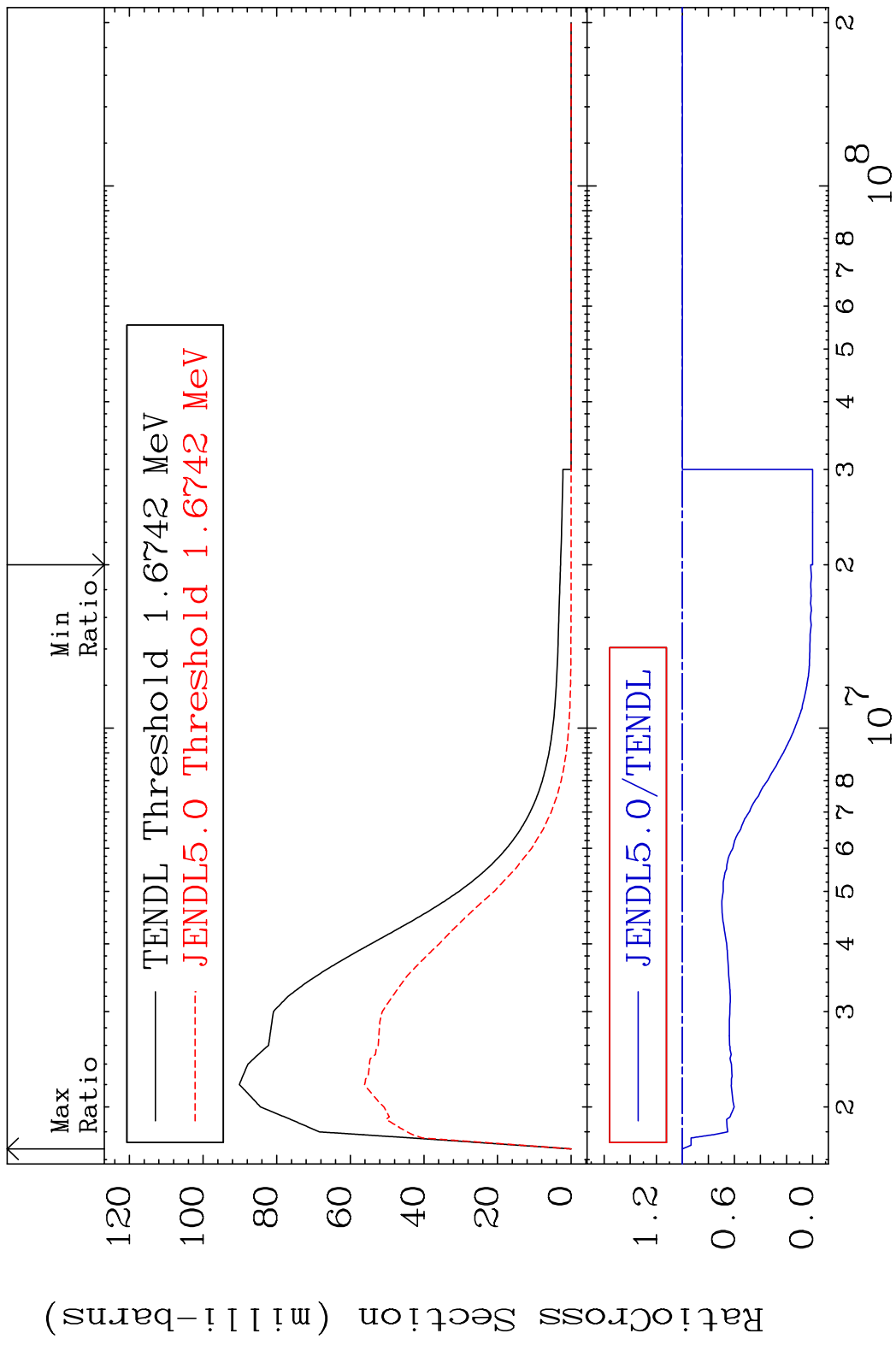


16 21-Sc-47

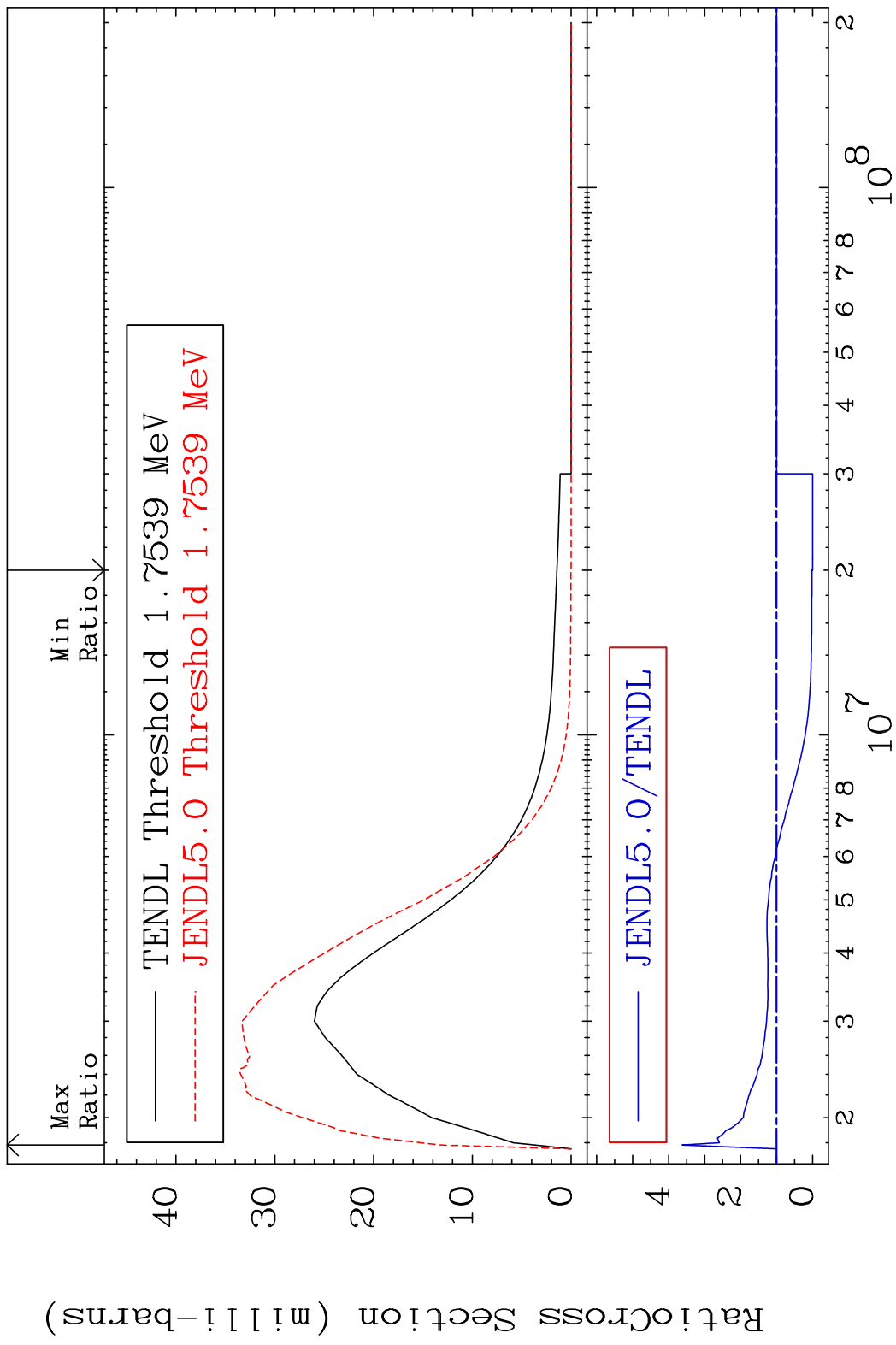
MAT 2131 MT= 59 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 52.38 %



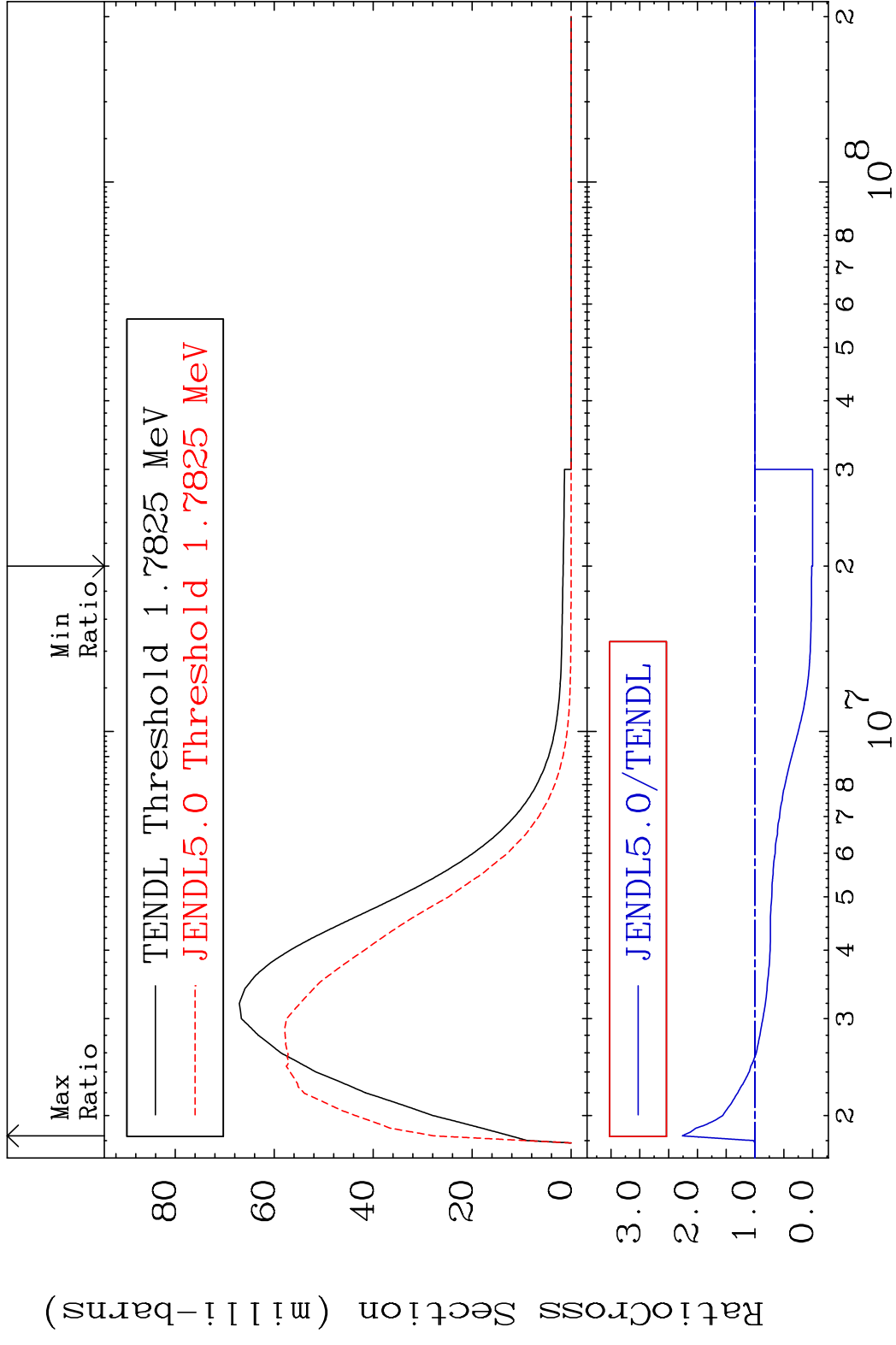
MAT 2131 MT= 60 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 0.000 %



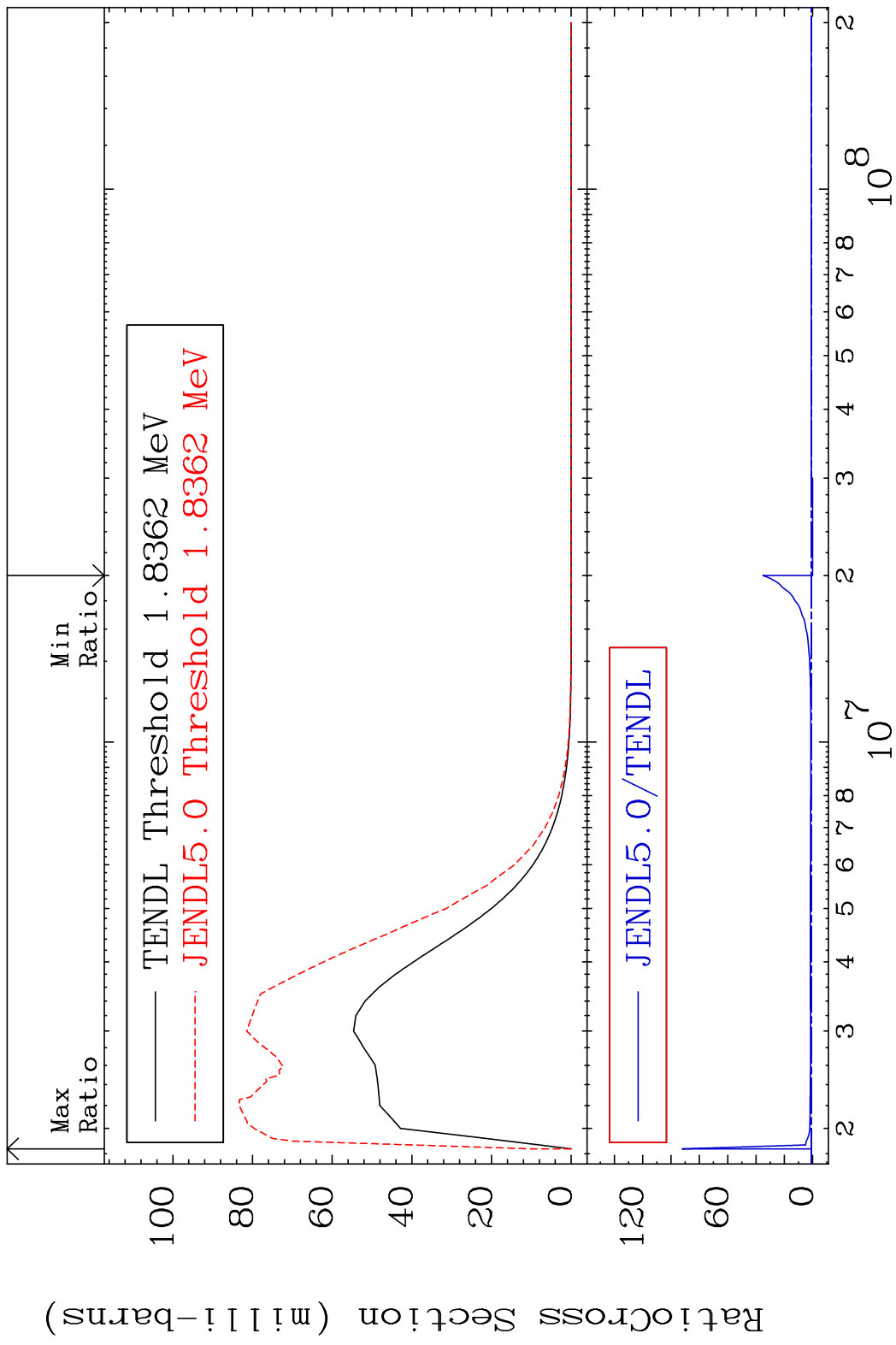
MAT 2131 MT= 61 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 262.0 %



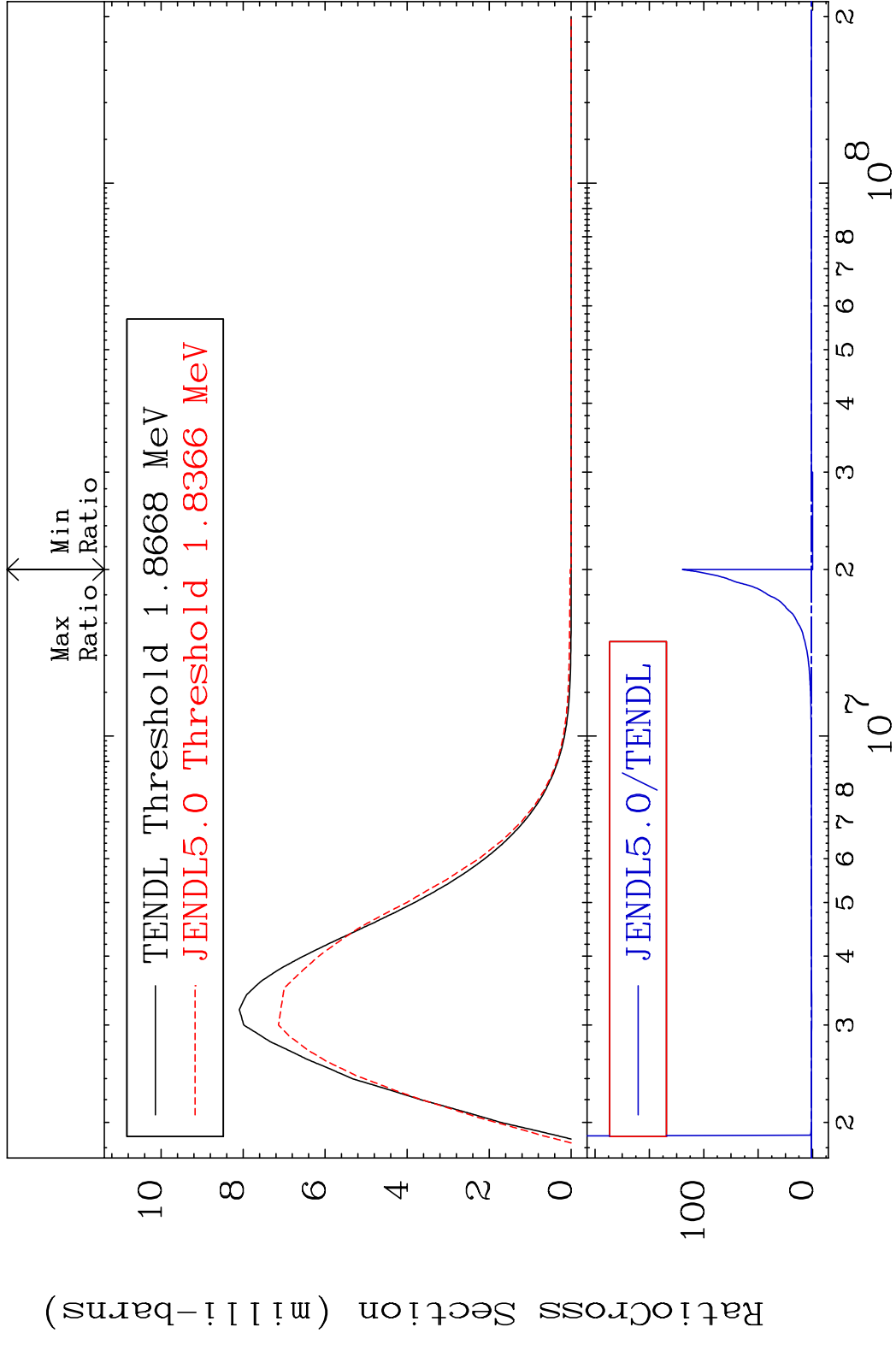
MAT 2131 MT= 62 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 126.1 %



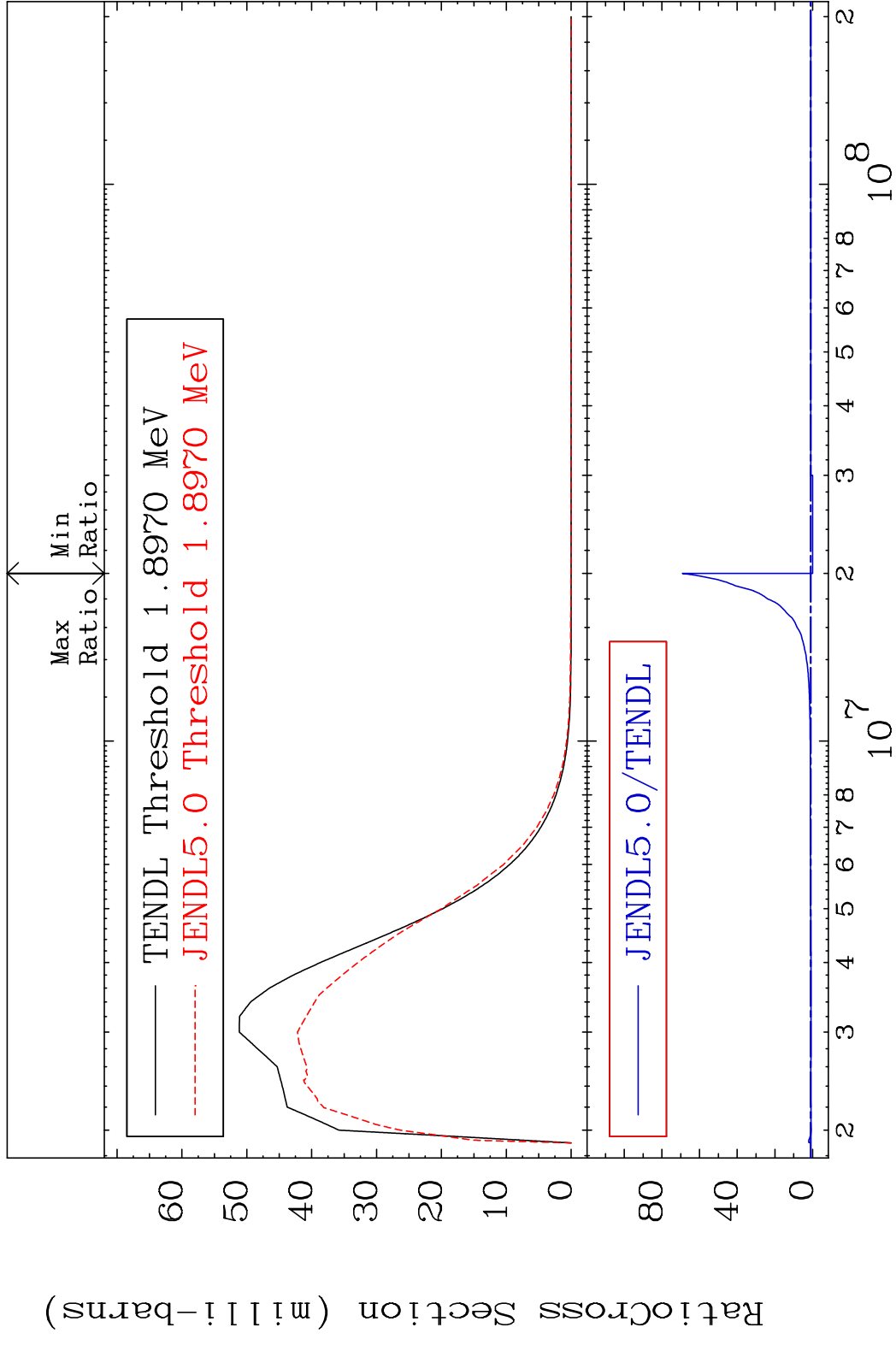
MAT 2131 MT= 63 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 9102. %



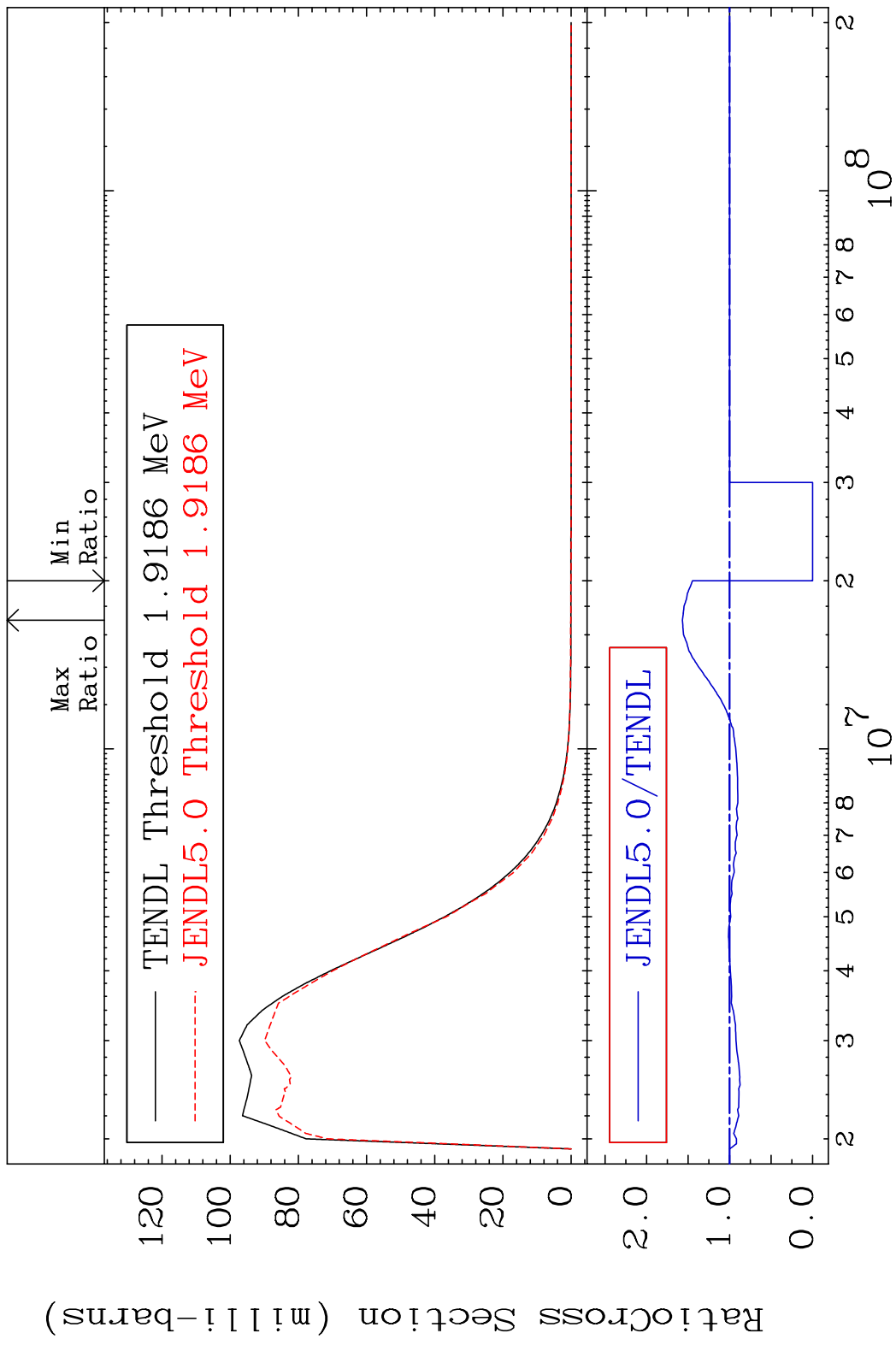
MAT 2131 MT= 64 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 9999. %



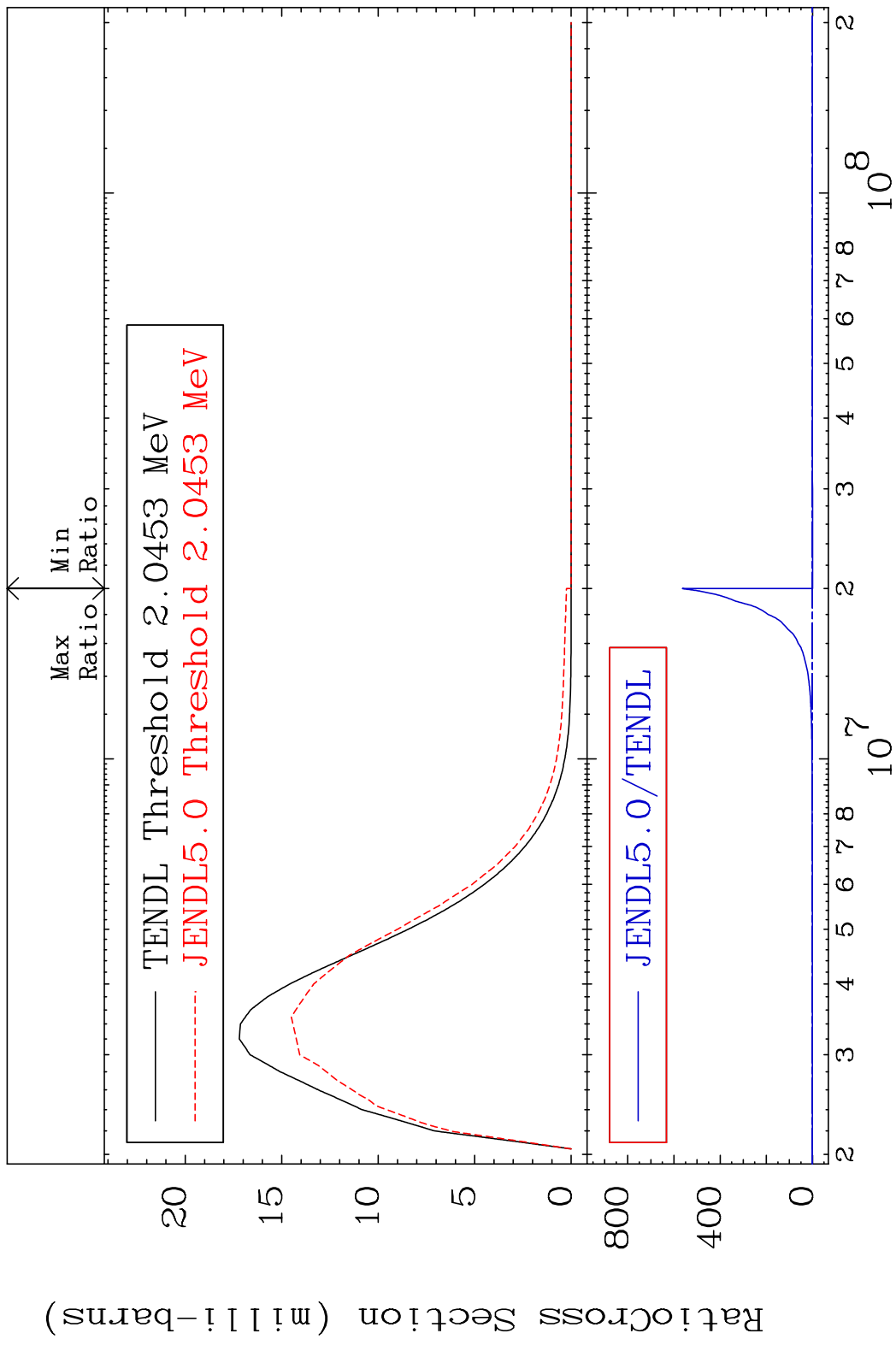
MAT 2131 MT= 65 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 6814. %



MAT 2131 MT= 66 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 56.89 %

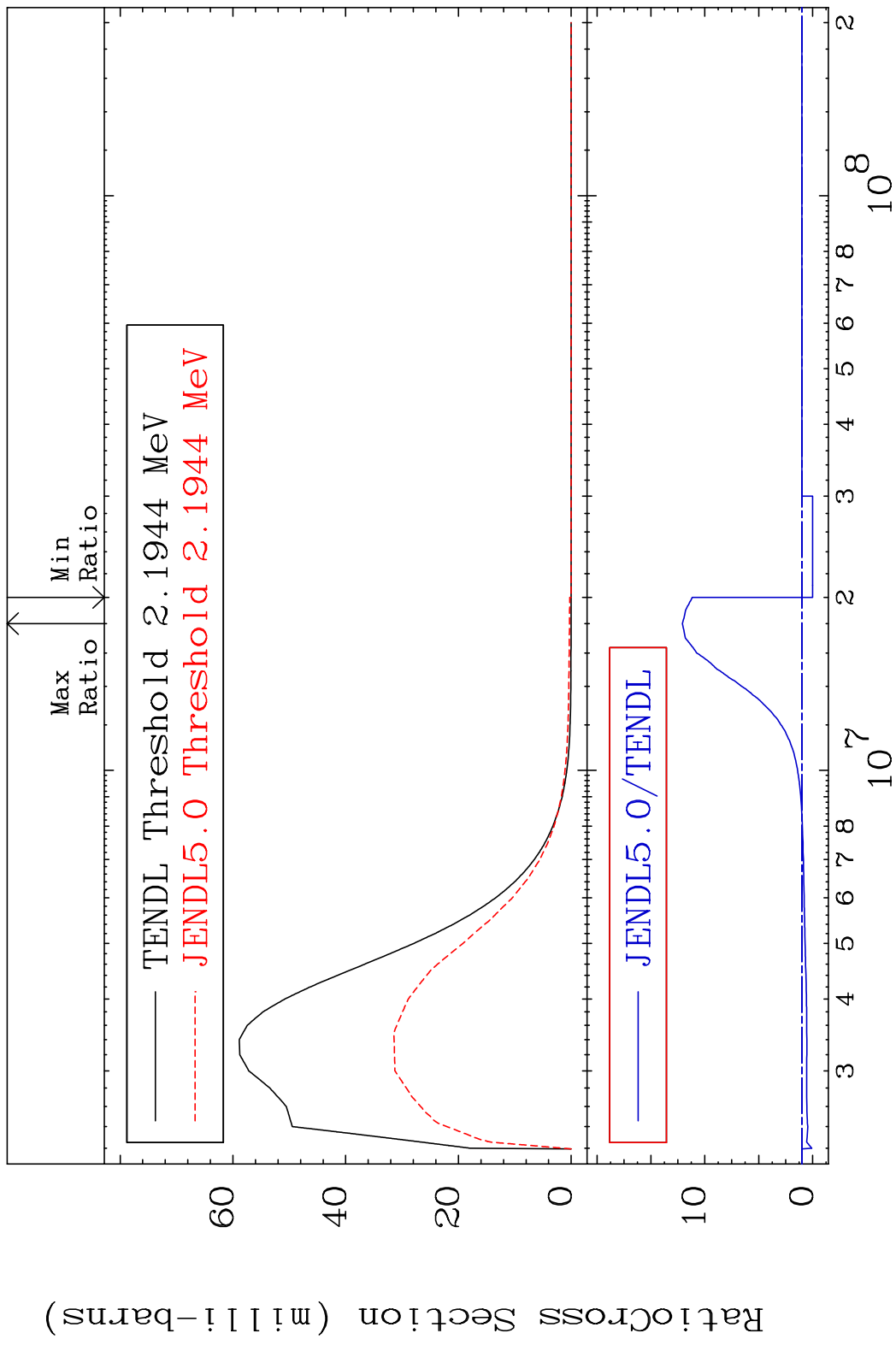


MAT 2131 MT= 67 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 9999. %

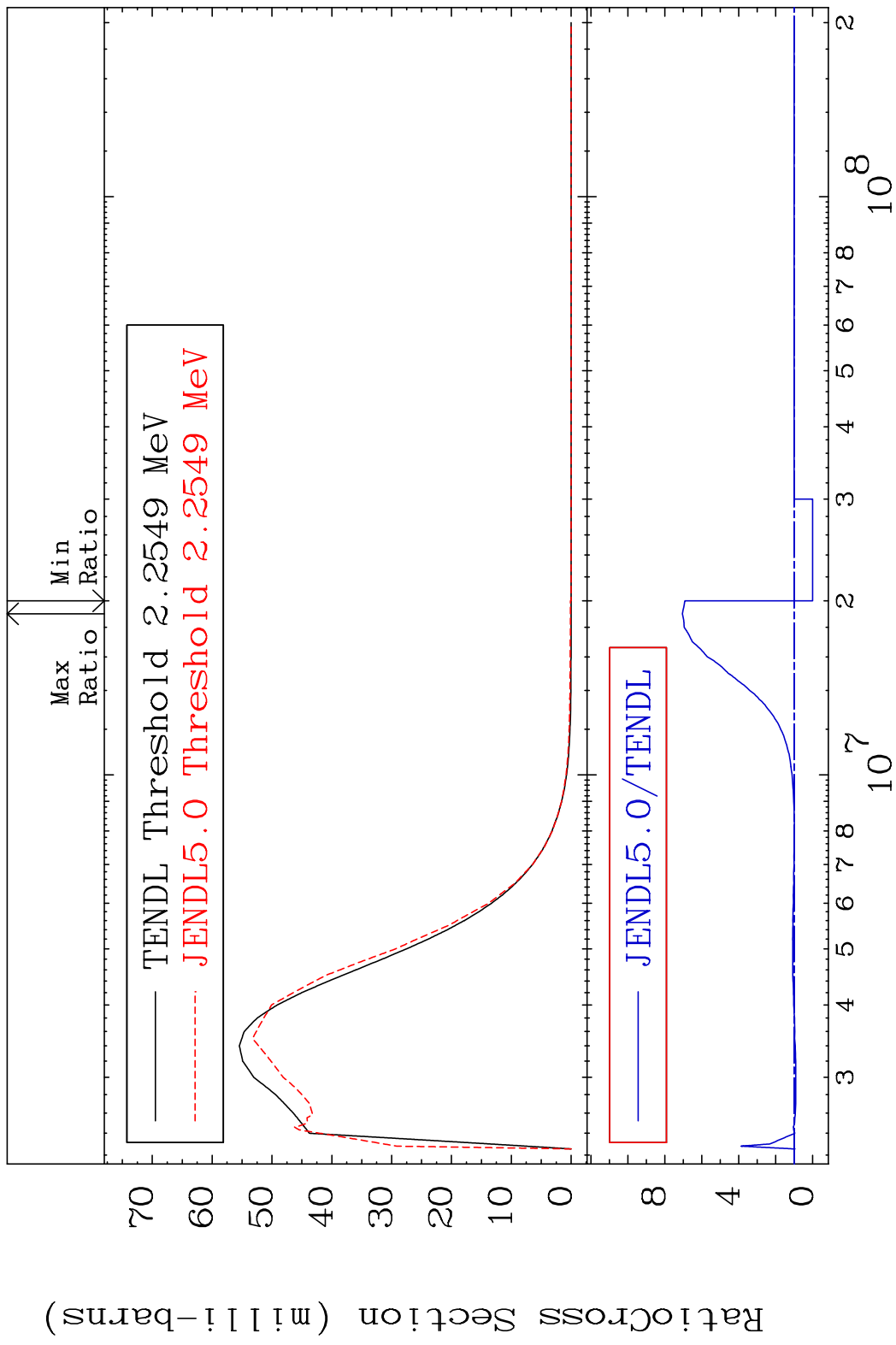


25 21-Sc-47

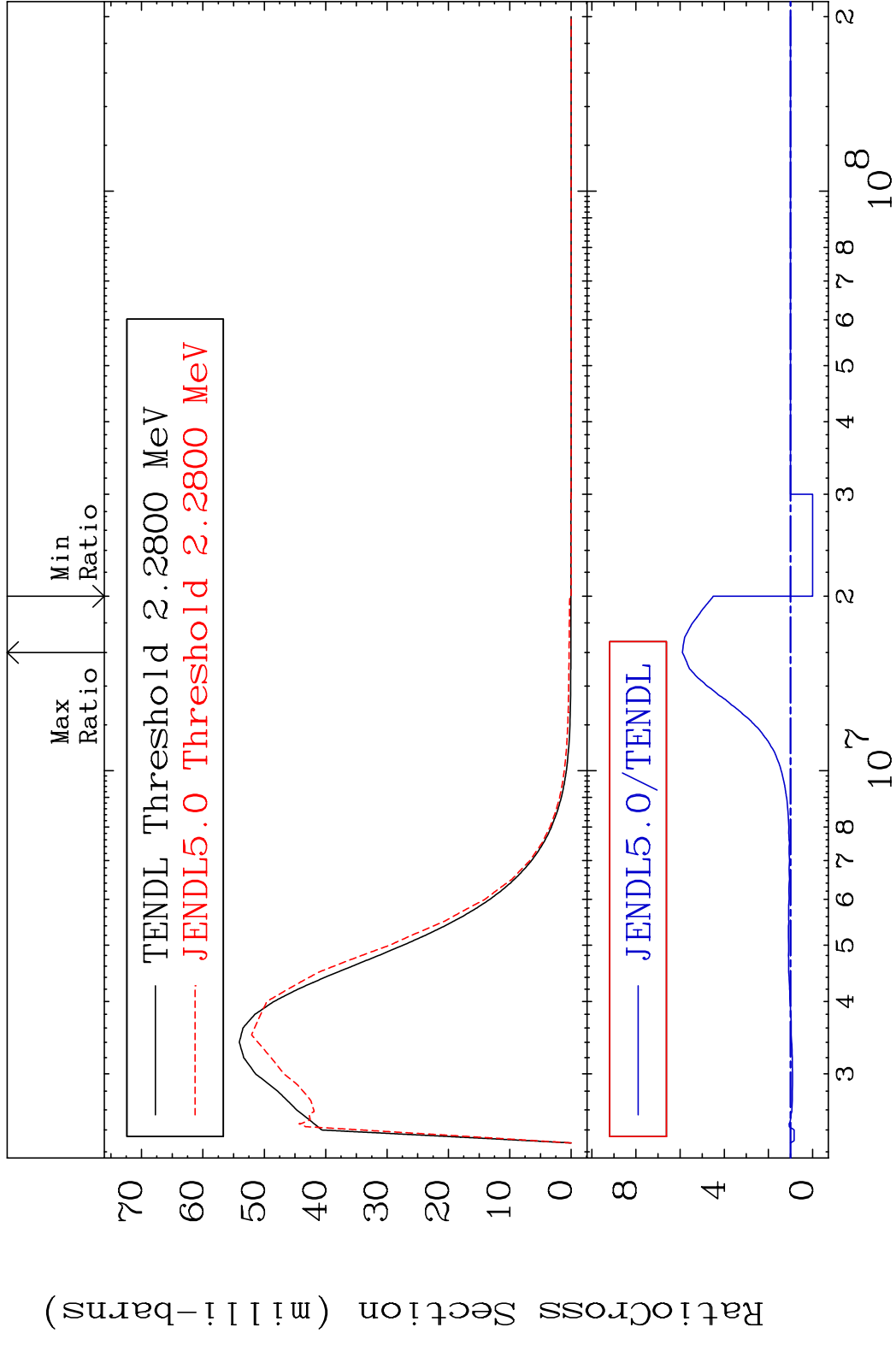
MAT 2131 MT= 68 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 1108. %



MAT 2131 MT= 69 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 605.3 %

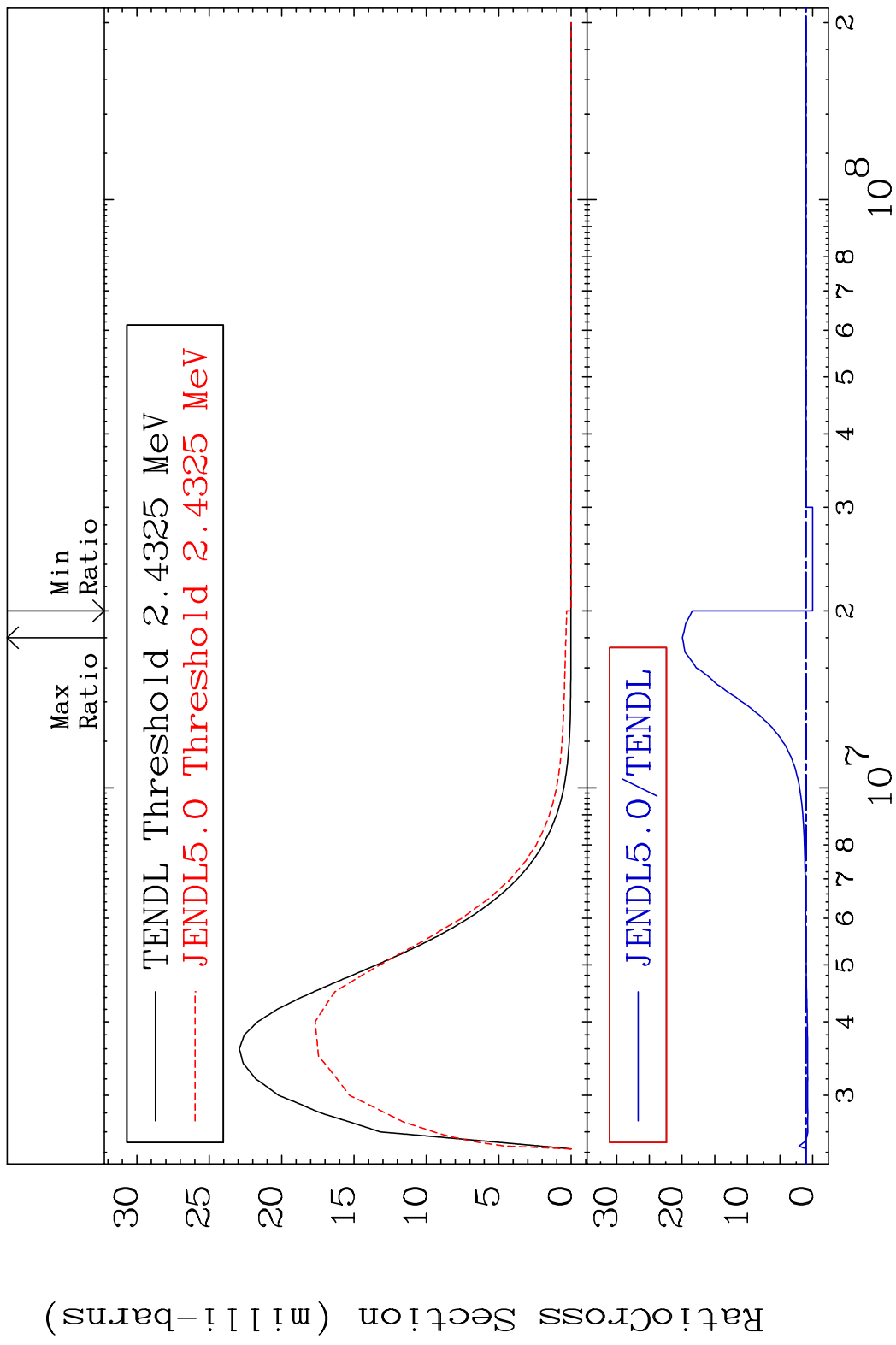


MAT 2131 MT= 70 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 489.9 %

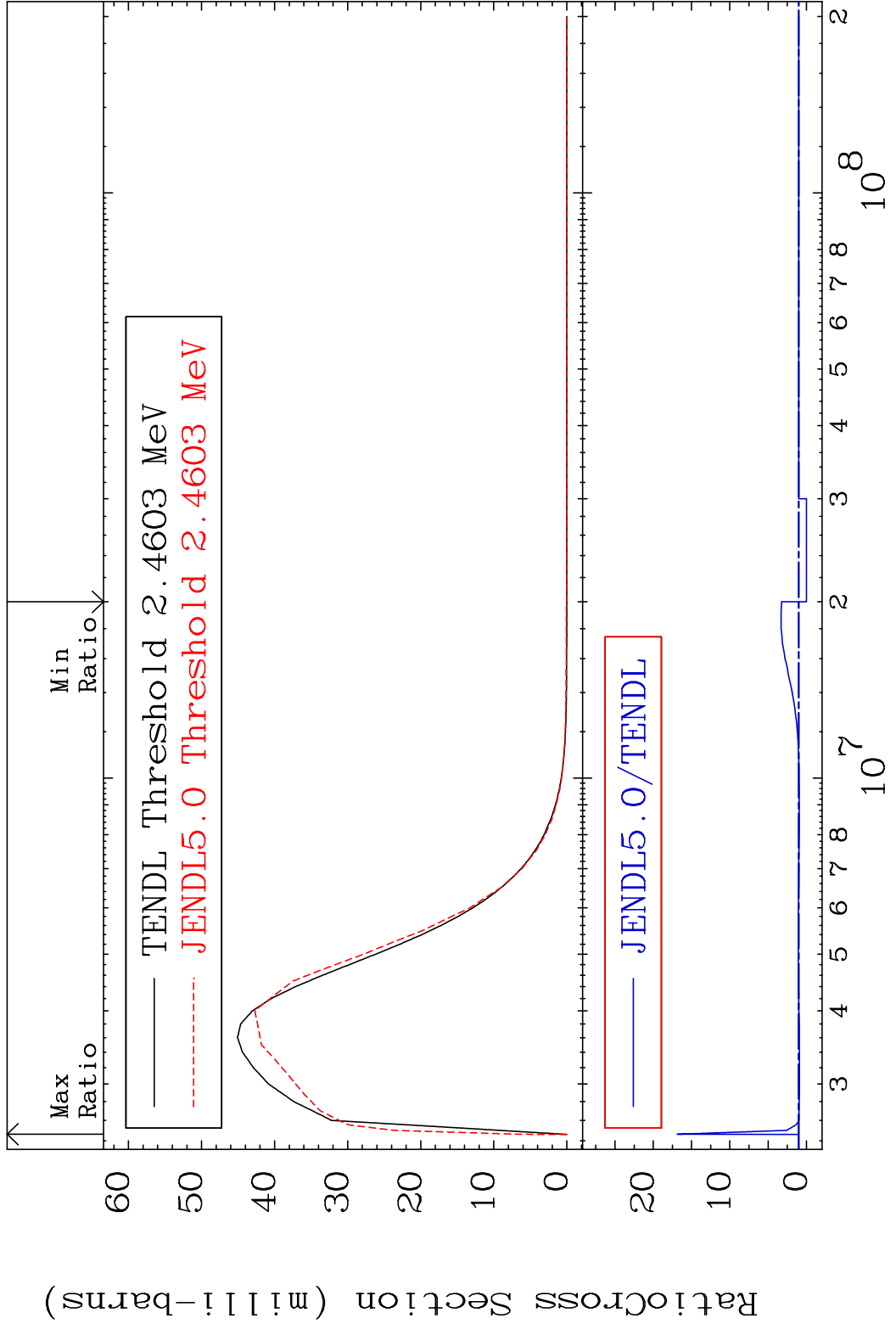


28 Incident Energy (eV) 21-Sc-47

MAT 2131 MT= 71 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 1895. %

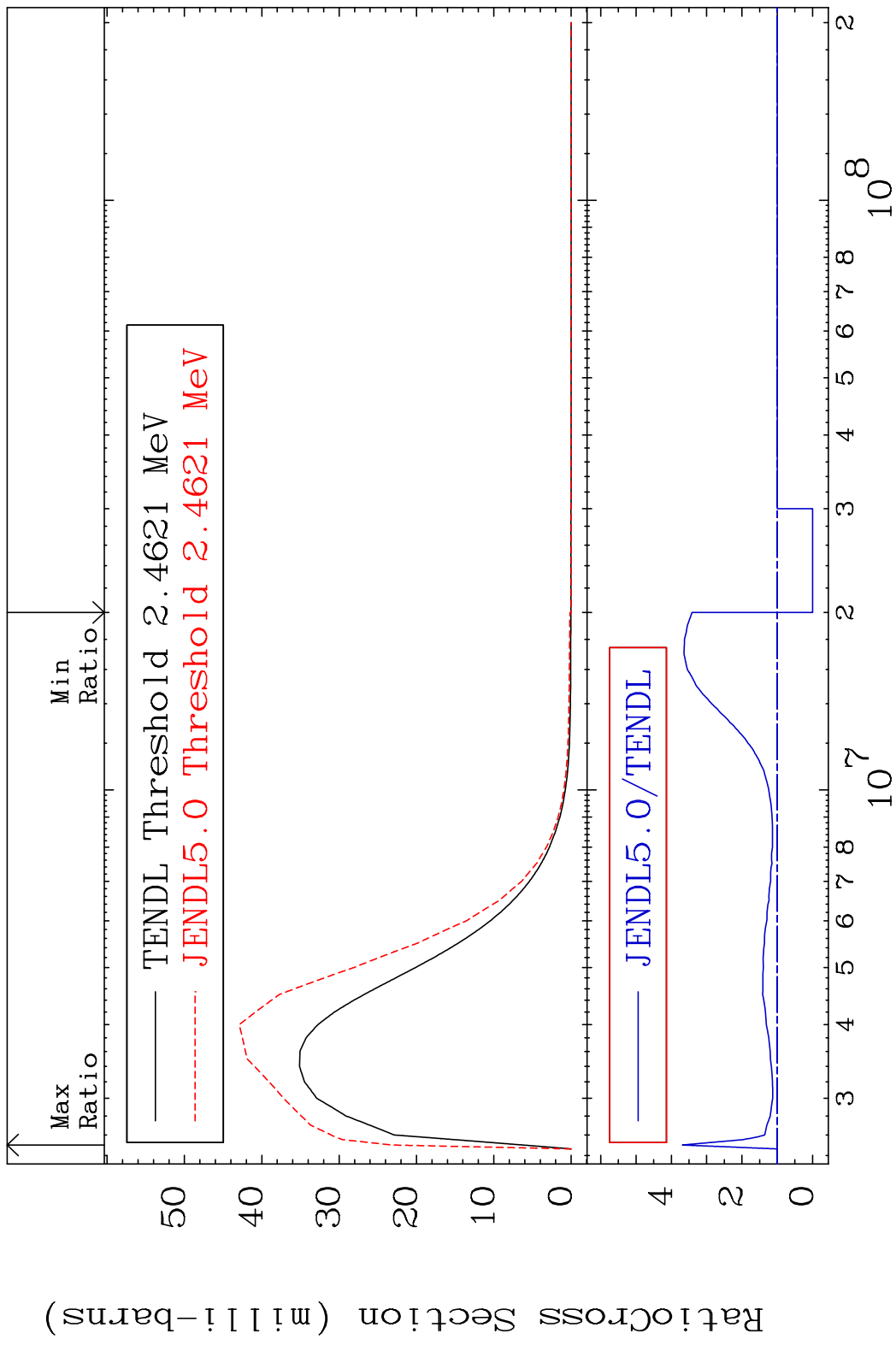


MAT 2131 MT= 72 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 1588. %

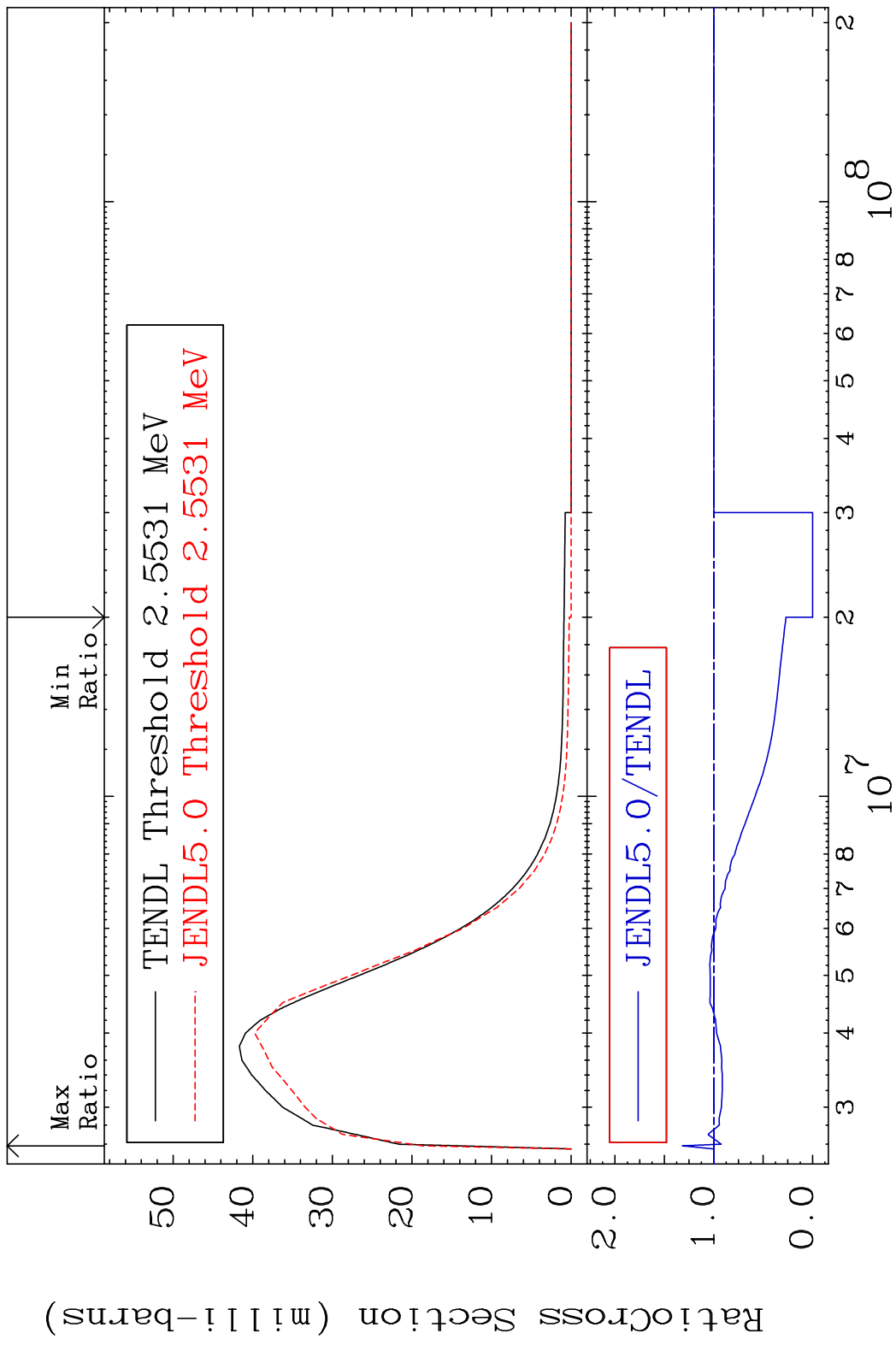


30 Incident Energy (eV) 21-Sc-47

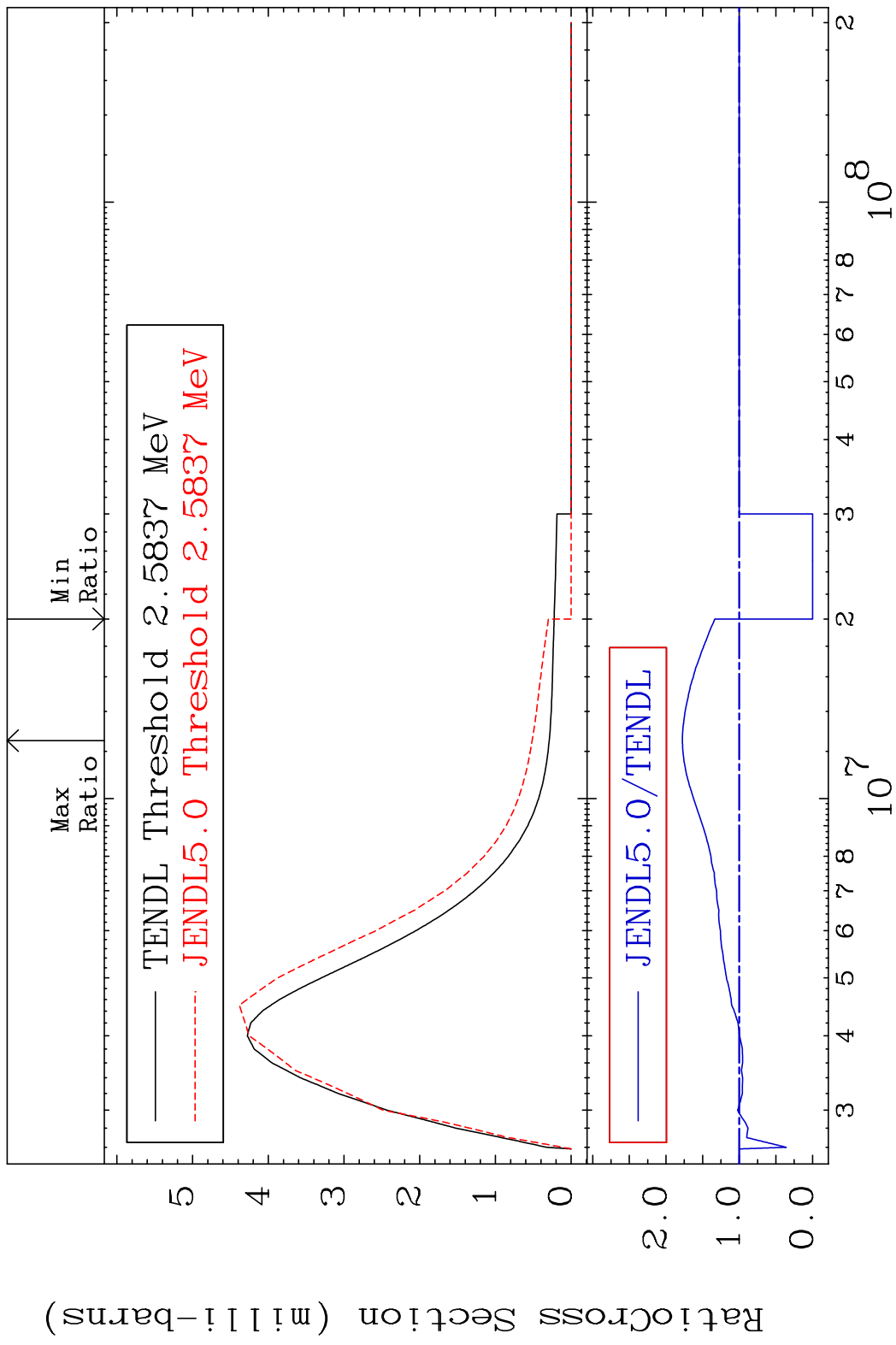
MAT 2131 MT= 73 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 268.8 %



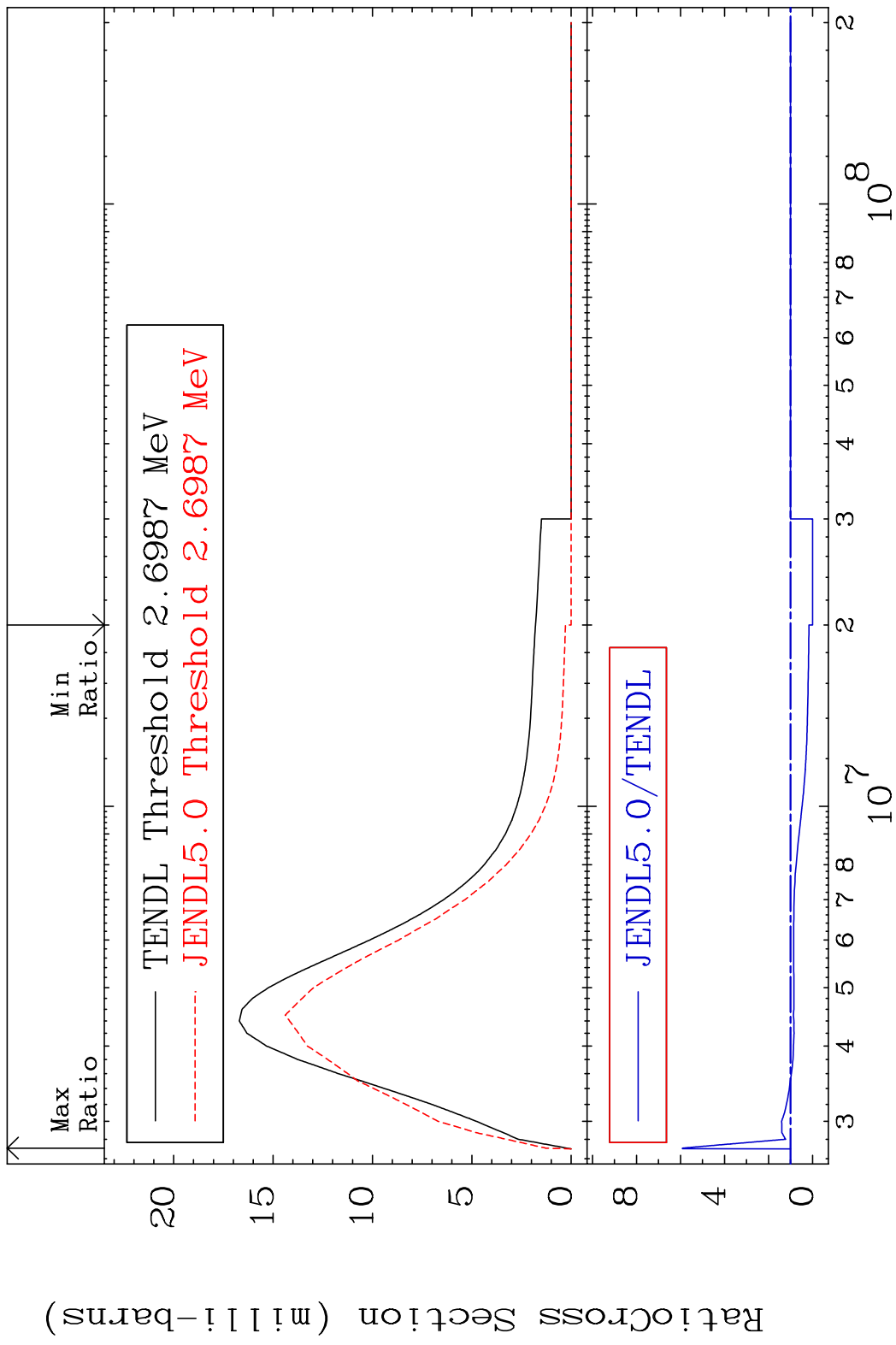
MAT 2131 MT= 74 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 31.80 %

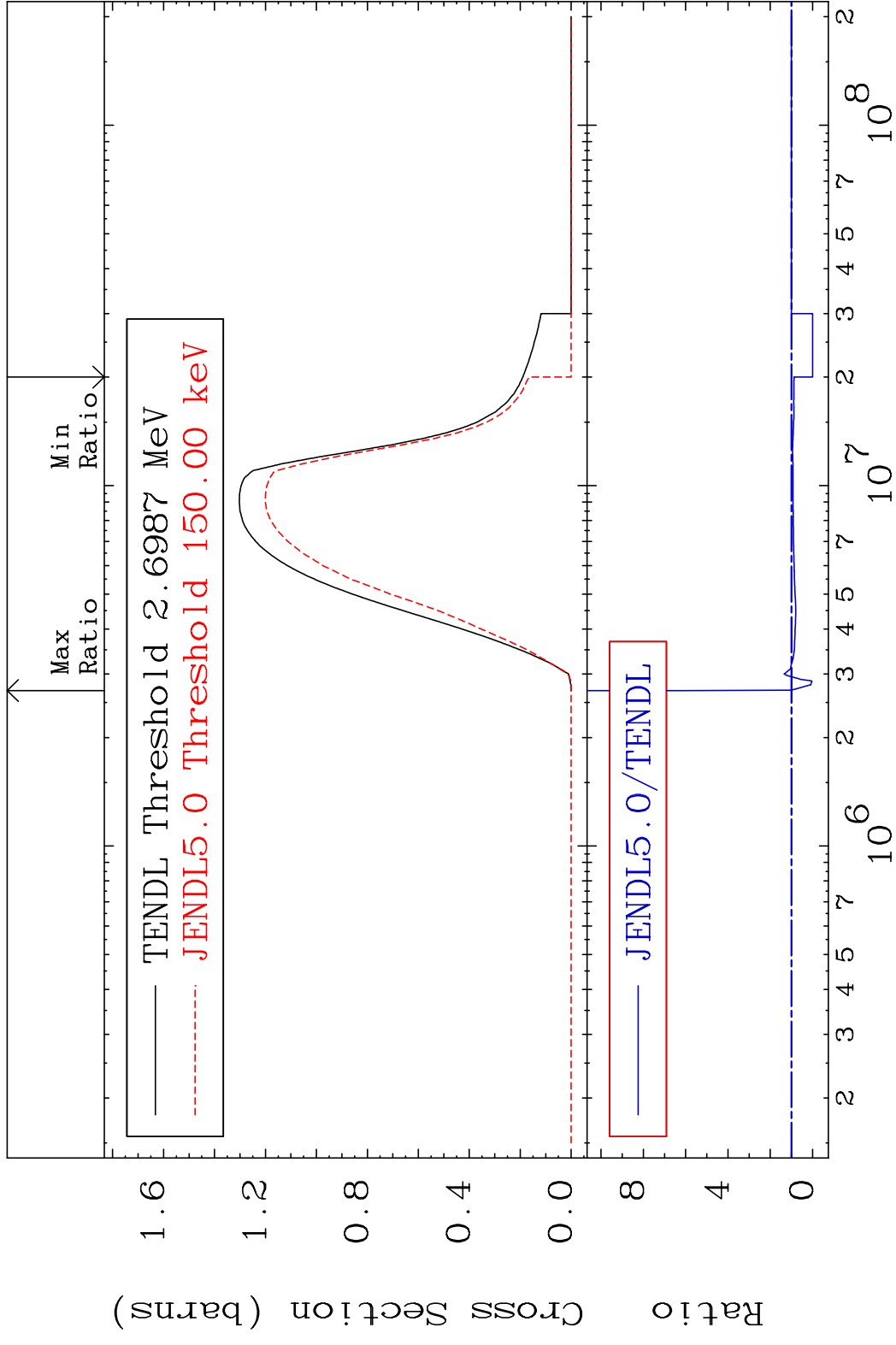


MAT 2131 MT= 75 (n, n') Level 21-Sc-47
 Cross Section -100.0 To 77.64 %



MAT 2131 MT= 76 (n,n') Level 21-Sc-47
 Cross Section -100.0 To 491.6 %



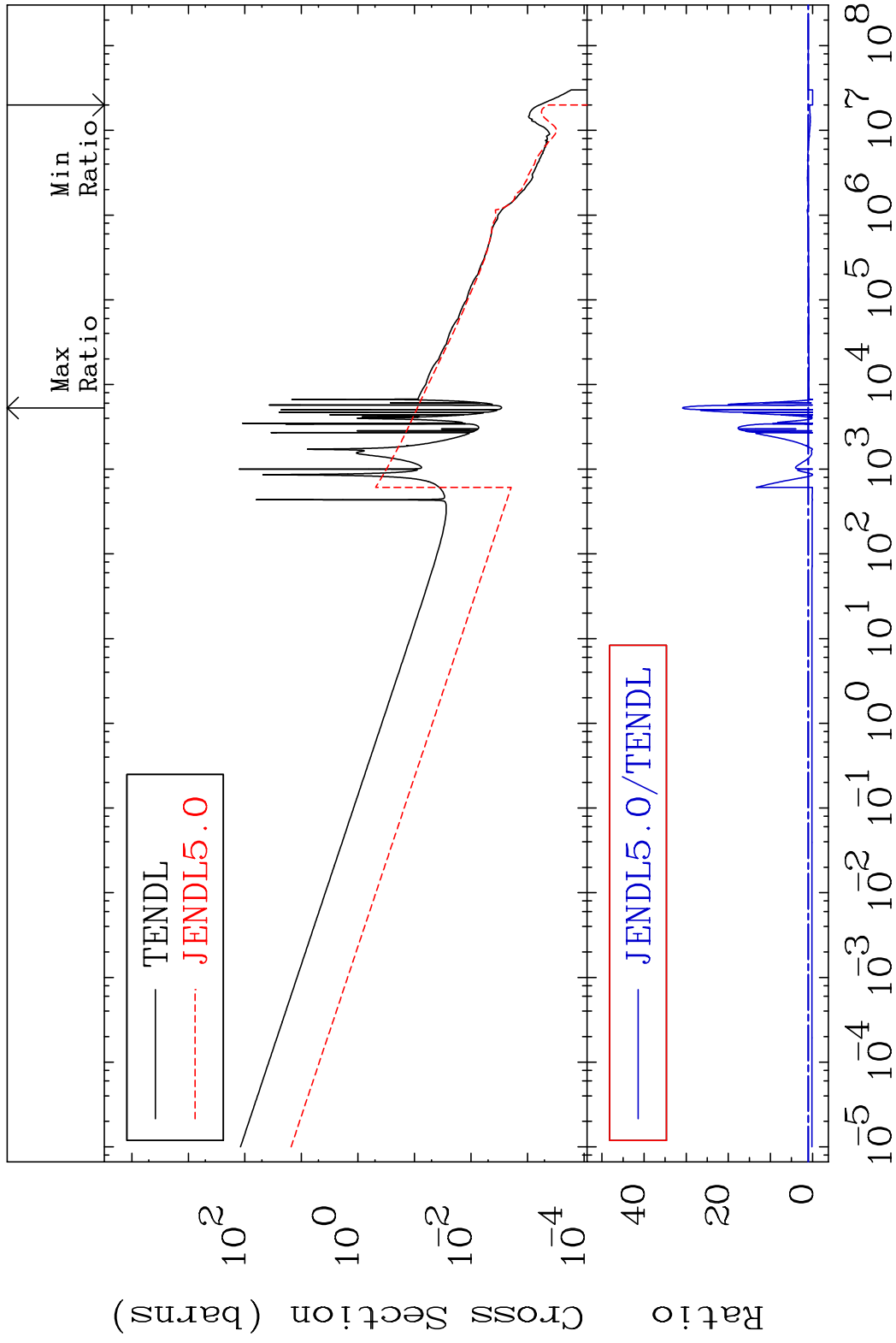


MAT 2131

(n, γ)

21-Sc-47

Cross Section -100.0 To 2992. %

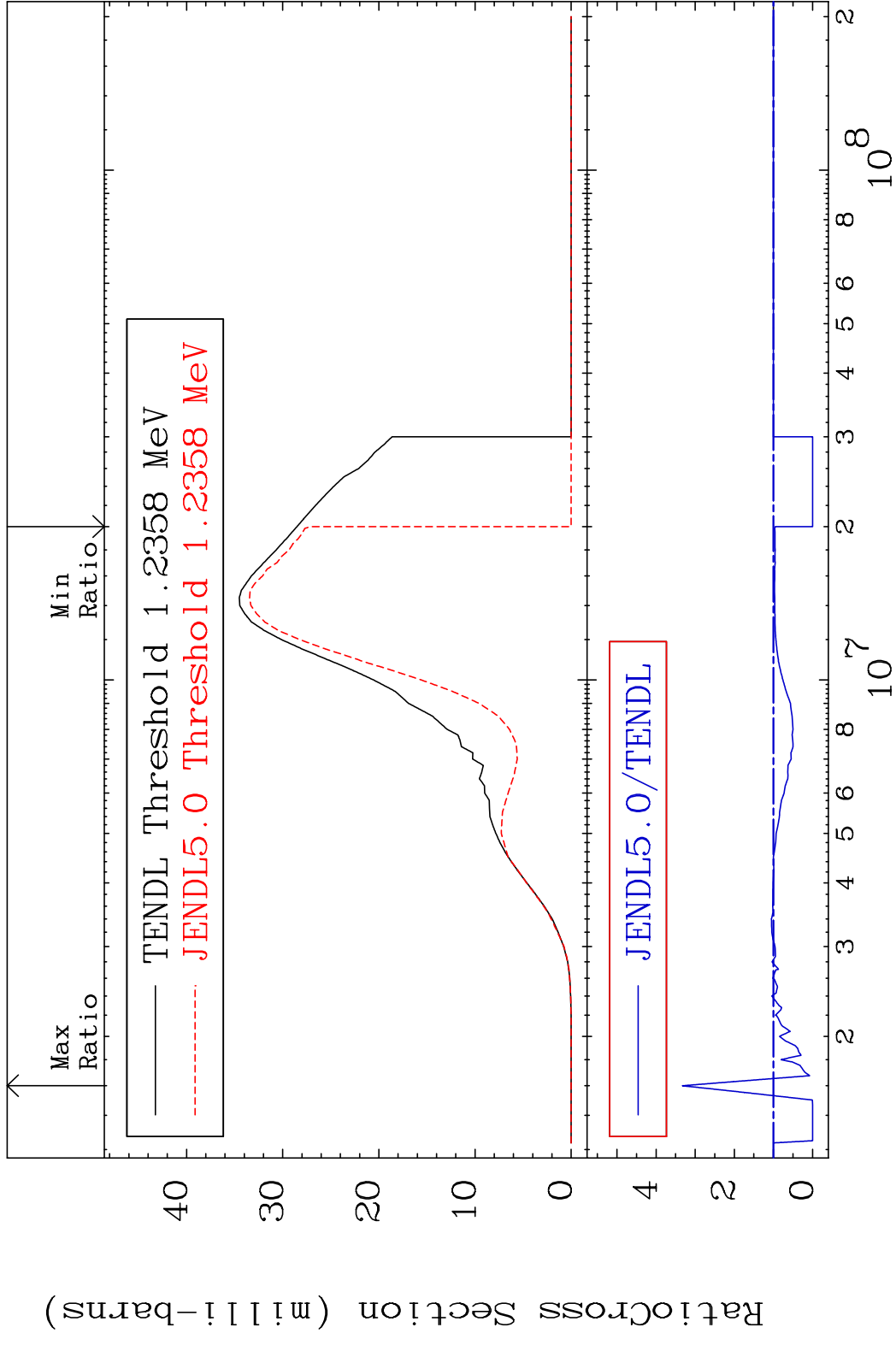


36

Incident Energy (eV)

21-Sc-47

MAT 2131 (n,p) 21-Sc-47
 Cross Section -100.0 To 232.8 %

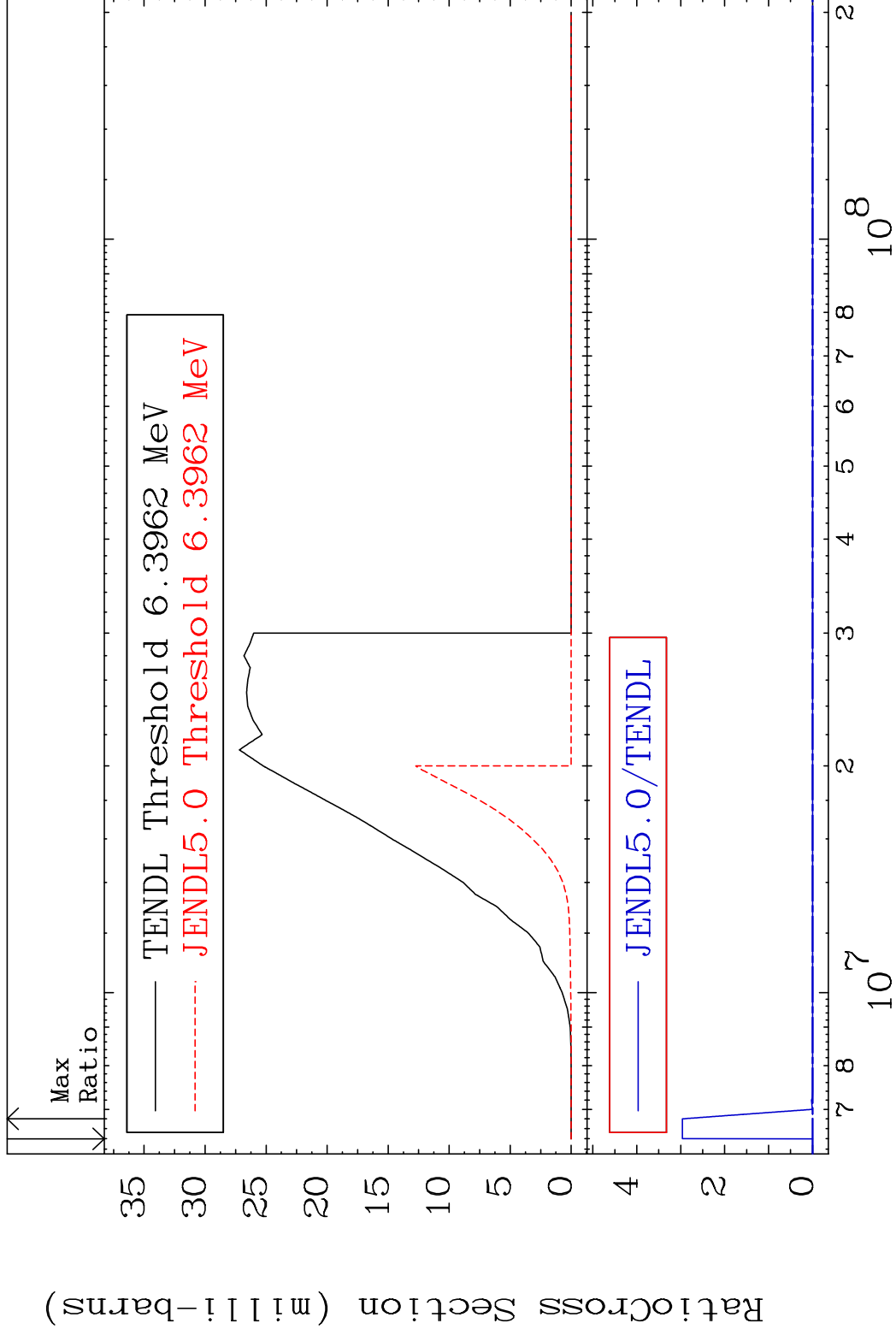


MAT 2131

(n,d)

21-Sc-47

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

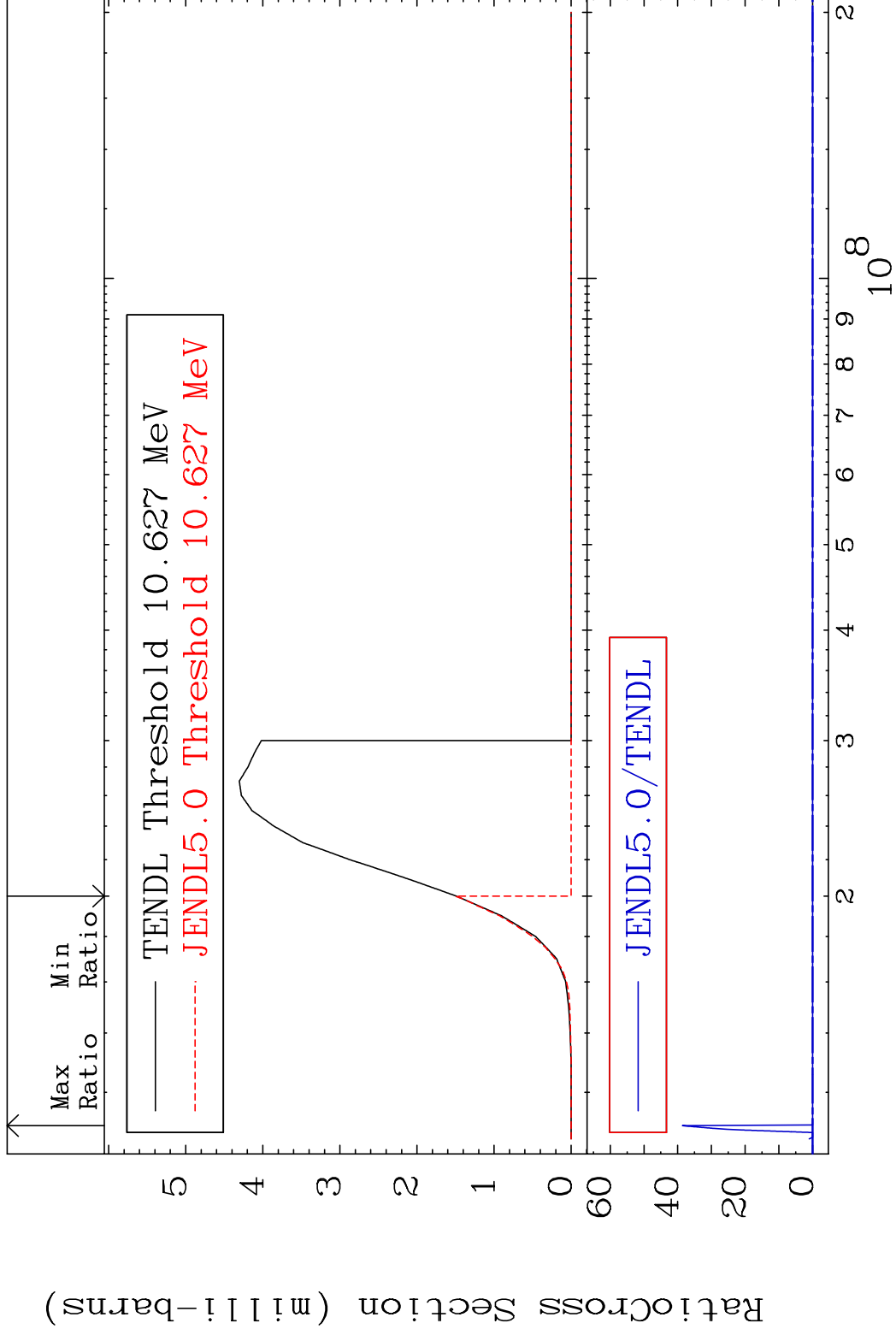
21-Sc-47

MAT 2131

(n, t)

21-Sc-47

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

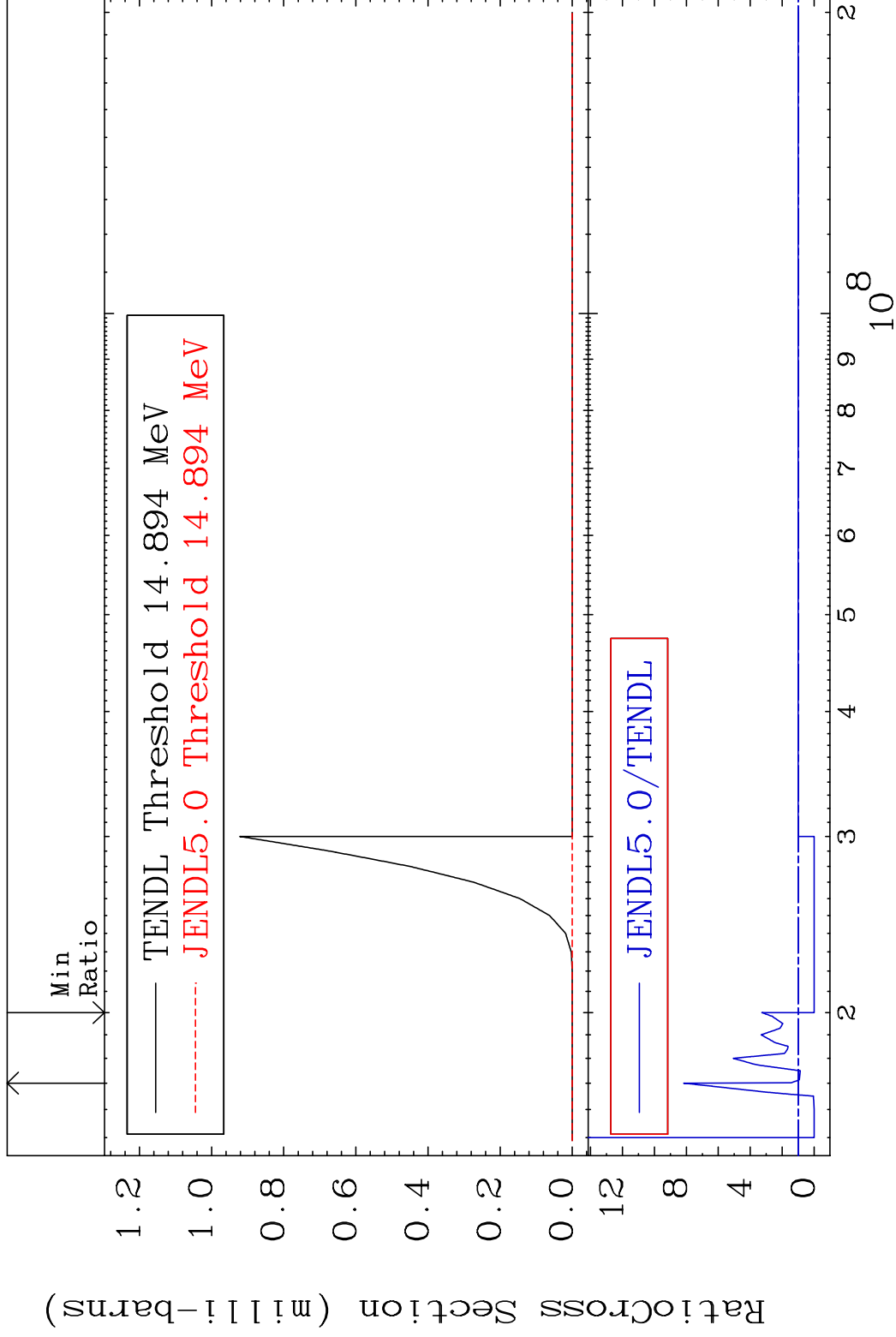
21-Sc-47

MAT 2131

(n, He-3)

21-Sc-47

Cross Section -100.0 To 716.9 %



40

Incident Energy (eV)

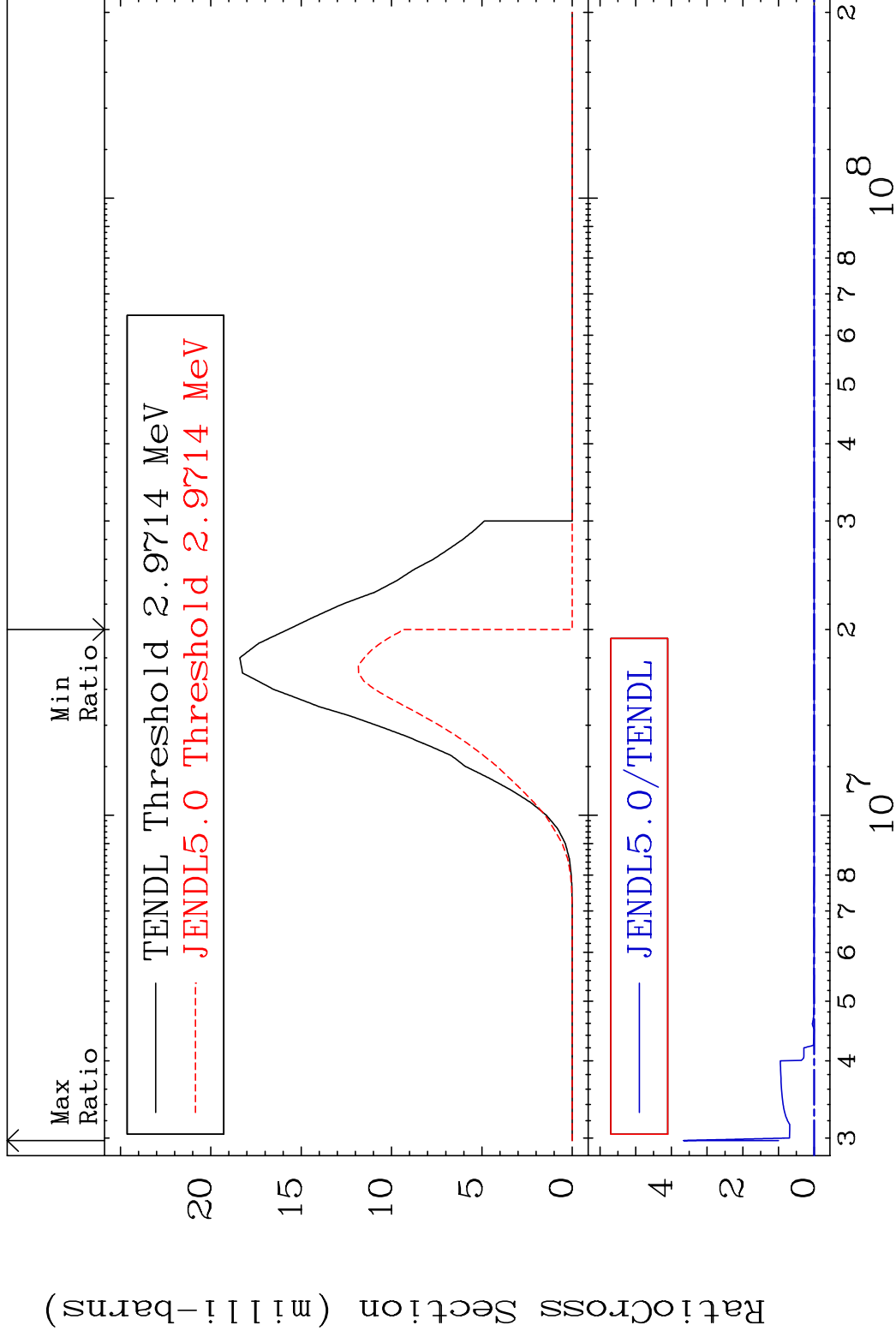
21-Sc-47

MAT 2131

(n, α)

21-Sc-47

Cross Section -100.0 To 9999. %

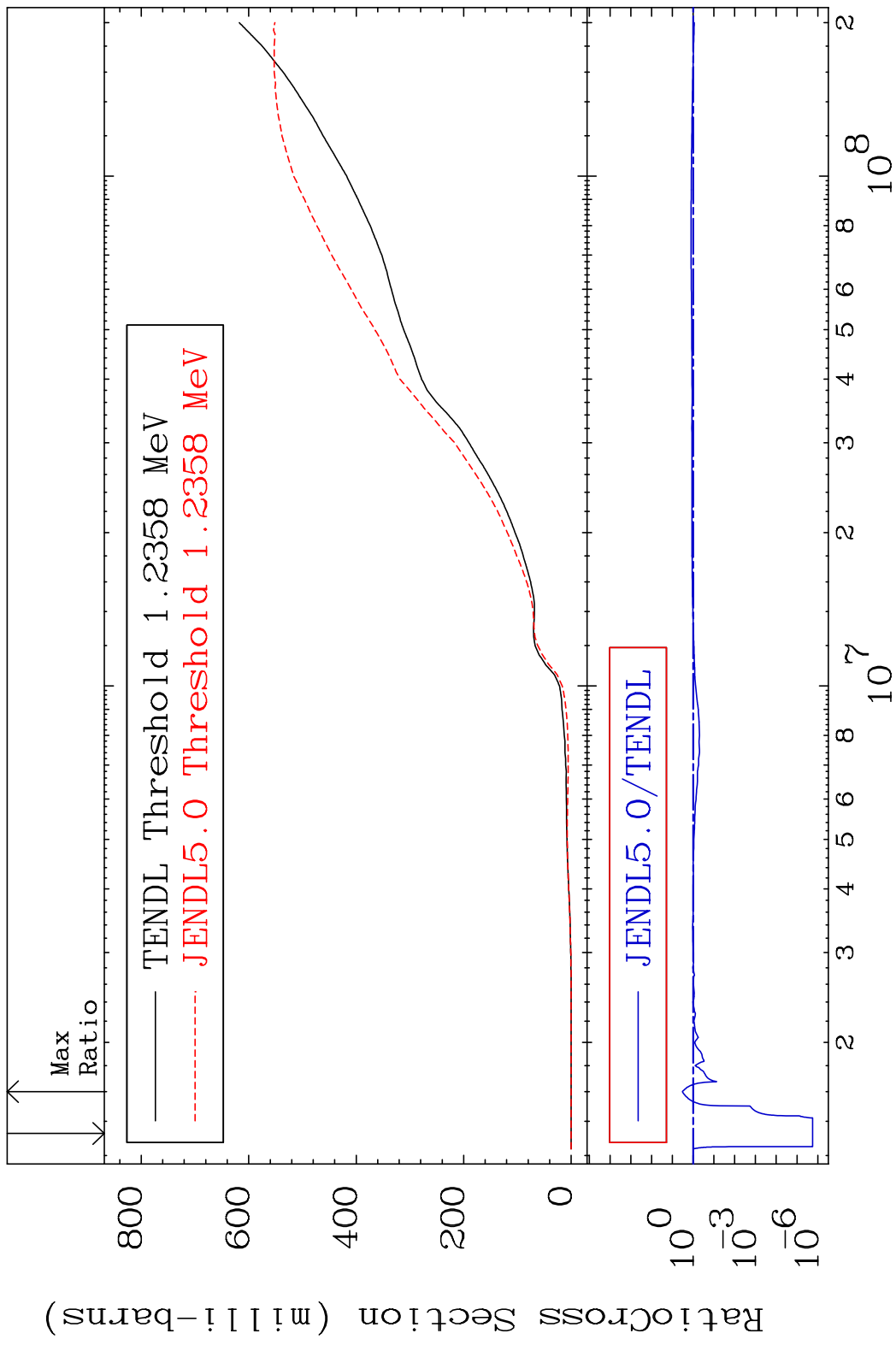


41

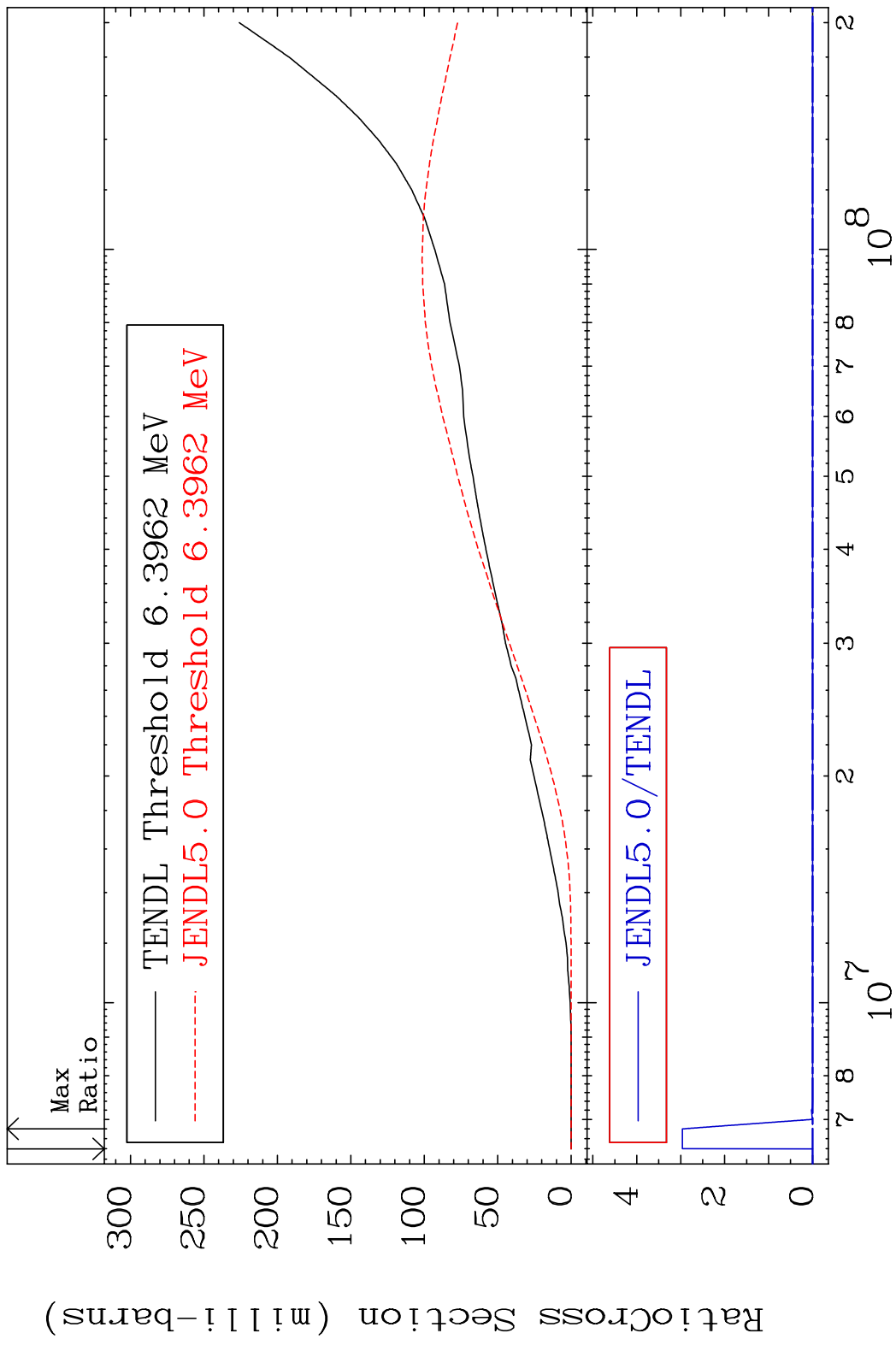
Incident Energy (eV)

21-Sc-47

MAT 2131 Hydrogen Production 21-Sc-47
 Cross Section -100.0 To 232.8 %

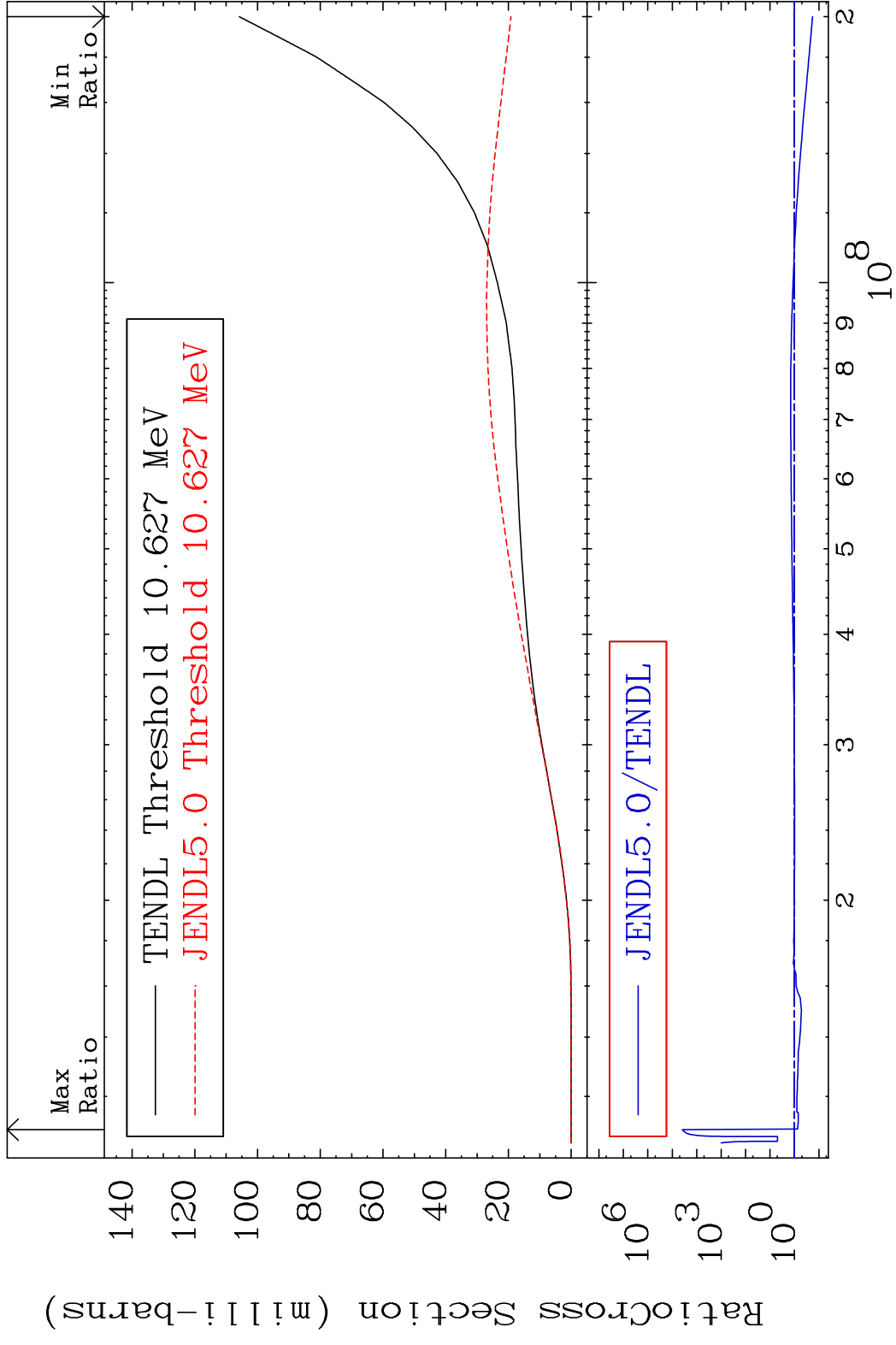


MAT 2131 Deuterium Production 21-Sc-47
 Cross Section -100.0 To 9999. %



43 21-Sc-47

MAT 2131 Tritium Production 21-Sc-47
 Cross Section -81.86 To 9999. %

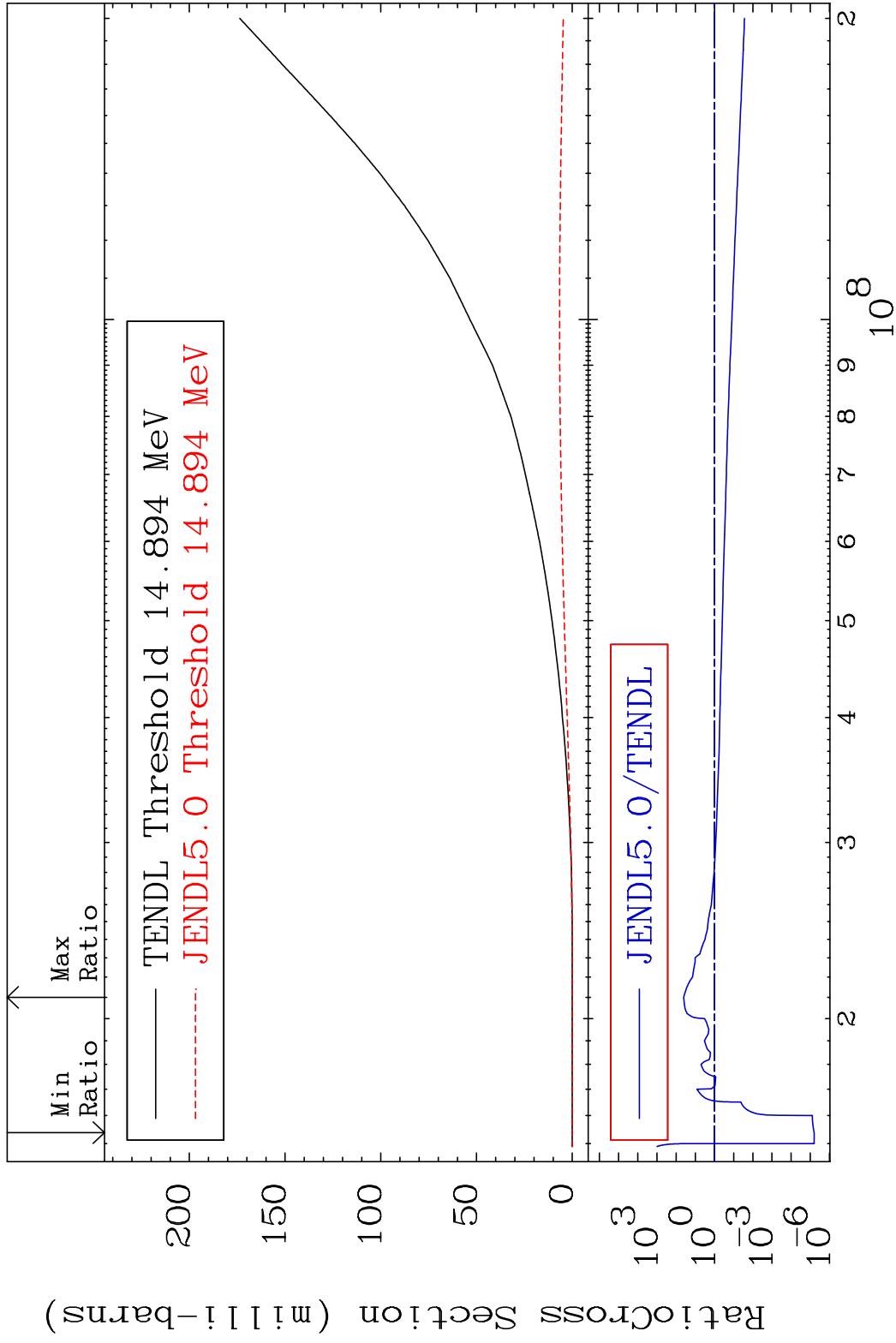


MAT 2131

He-3 Production

21-Sc-47

Cross Section -100.0 To 3956. %

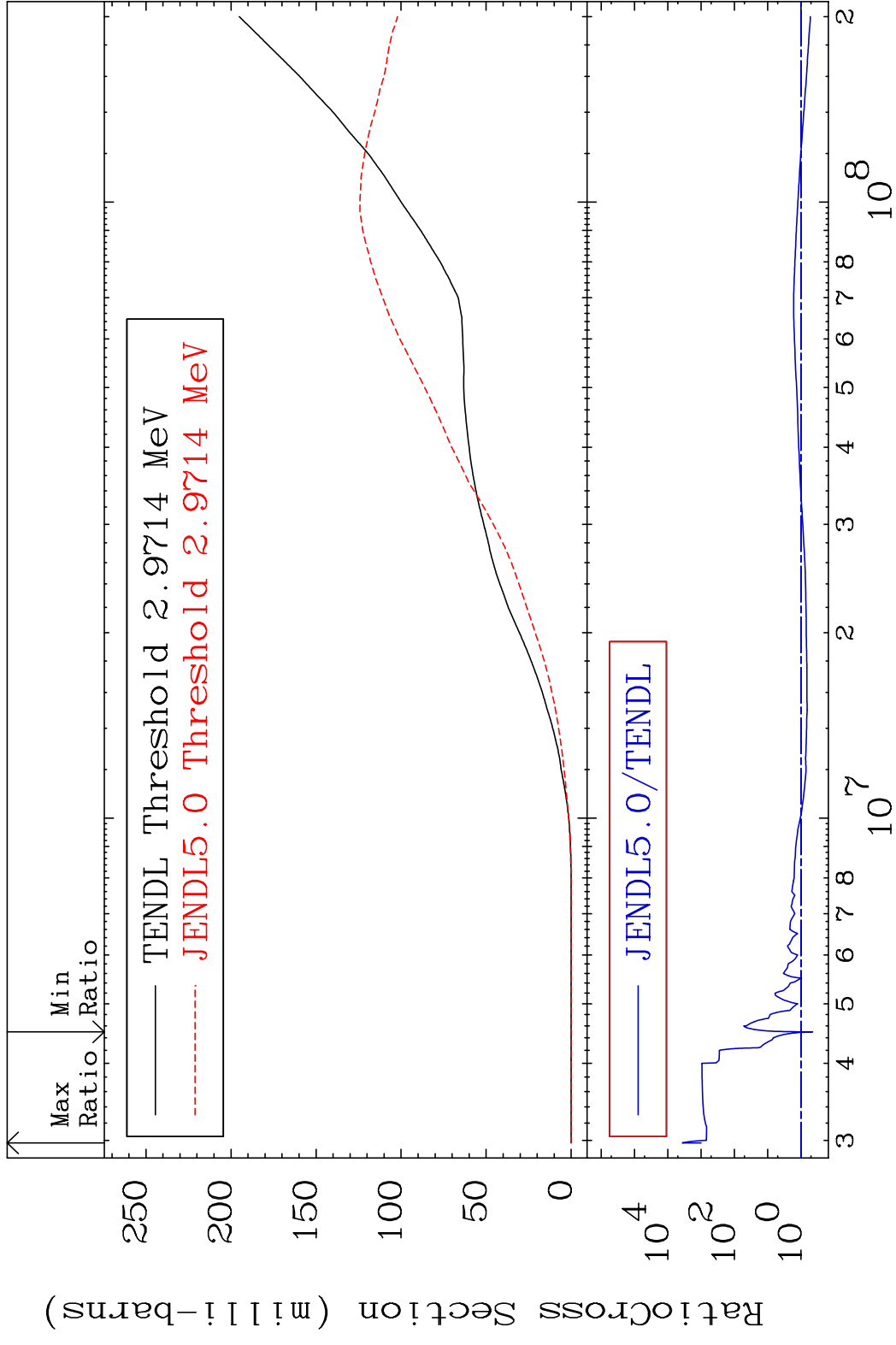


45

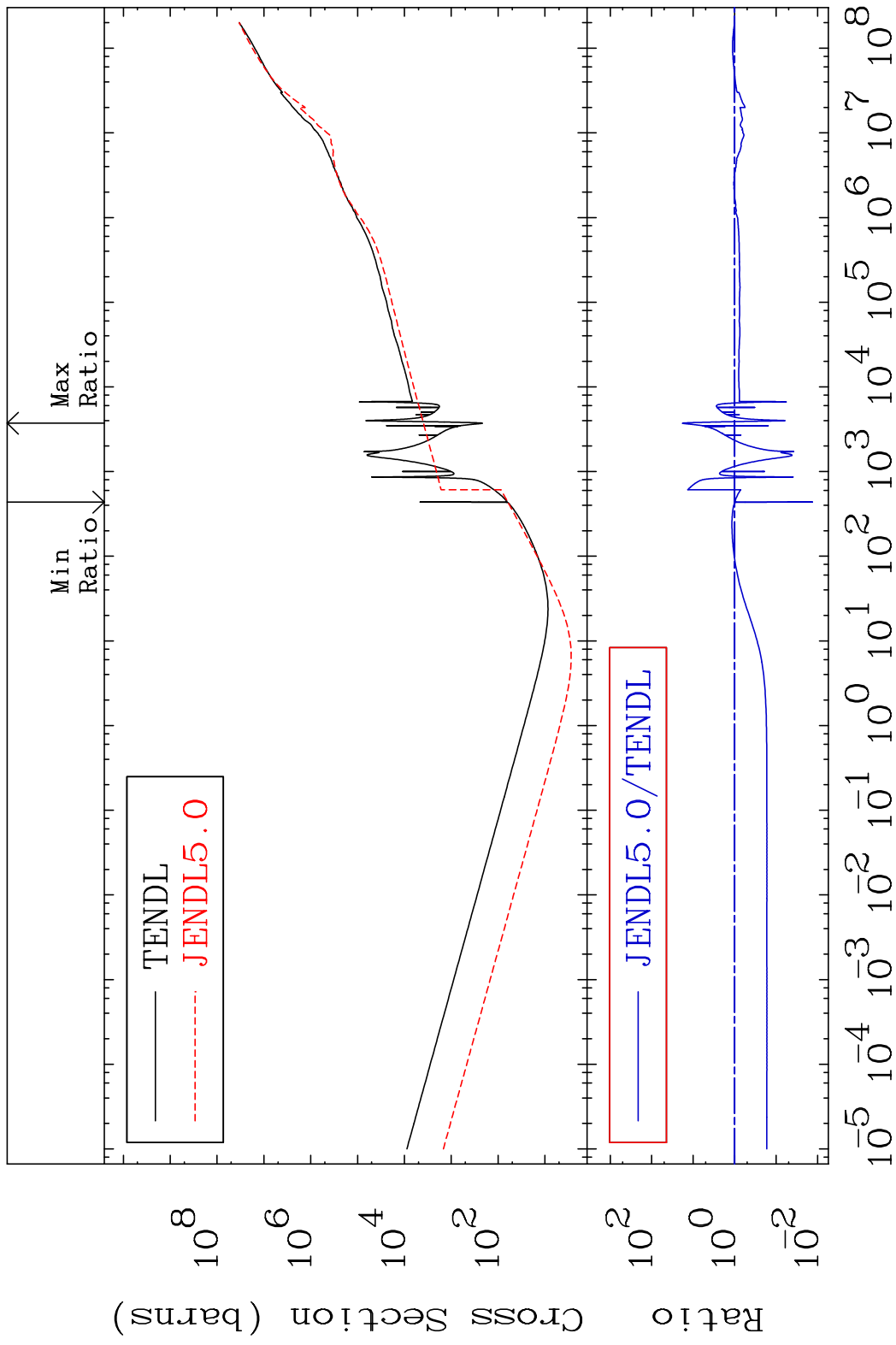
Incident Energy (eV)

21-Sc-47

MAT 2131 He-4 Production 21-Sc-47
 Cross Section -54.90 To 9999. %



MAT 2131 Kerma total (eV-barns) 21-Sc-47
 Cross Section -98.68 To 1723. %



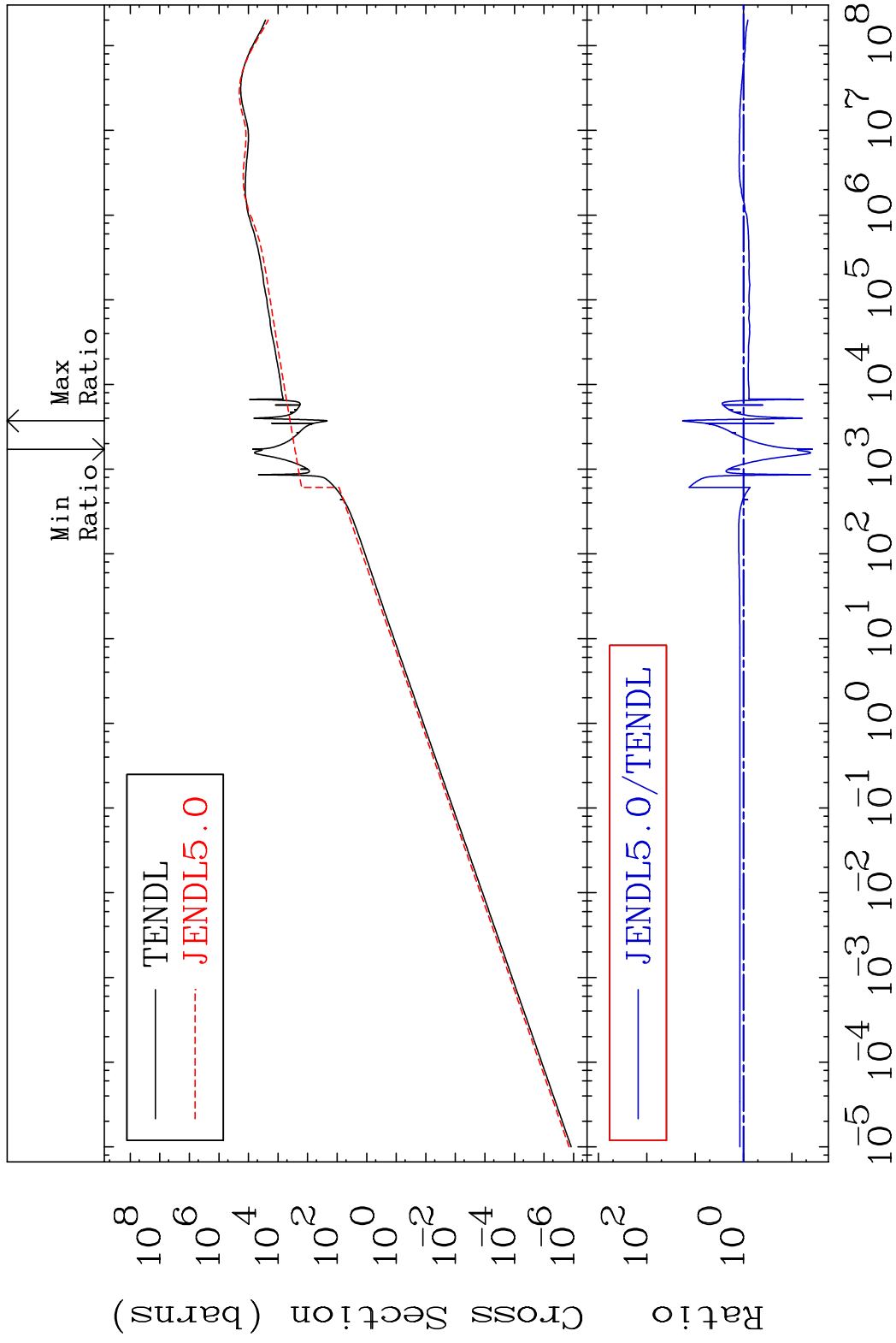
47 Incident Energy (eV) 21-Sc-47

MAT 2131

Kerma elastic

21-Sc-47

Cross Section -96.29 To 1736. %

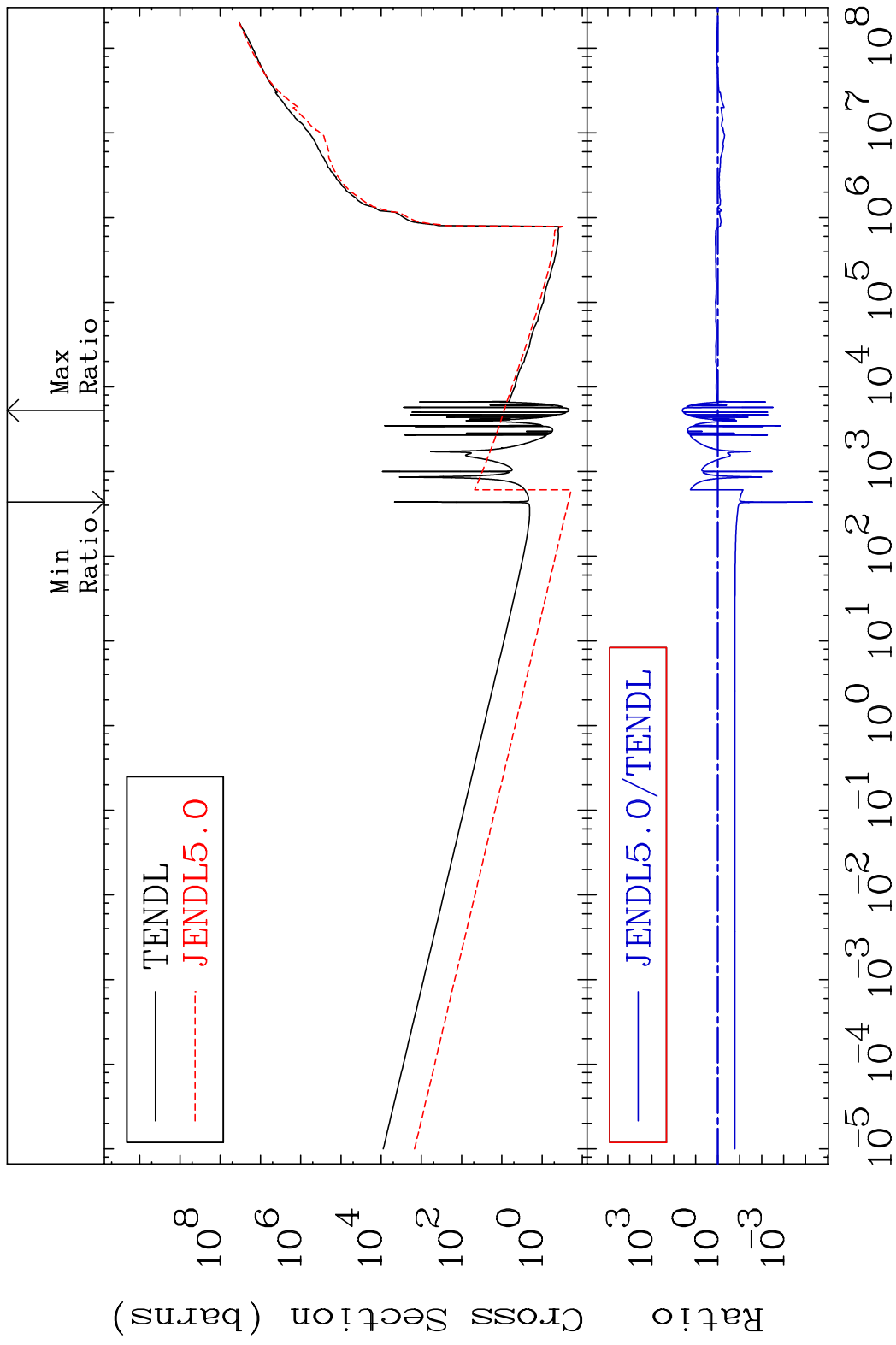


48

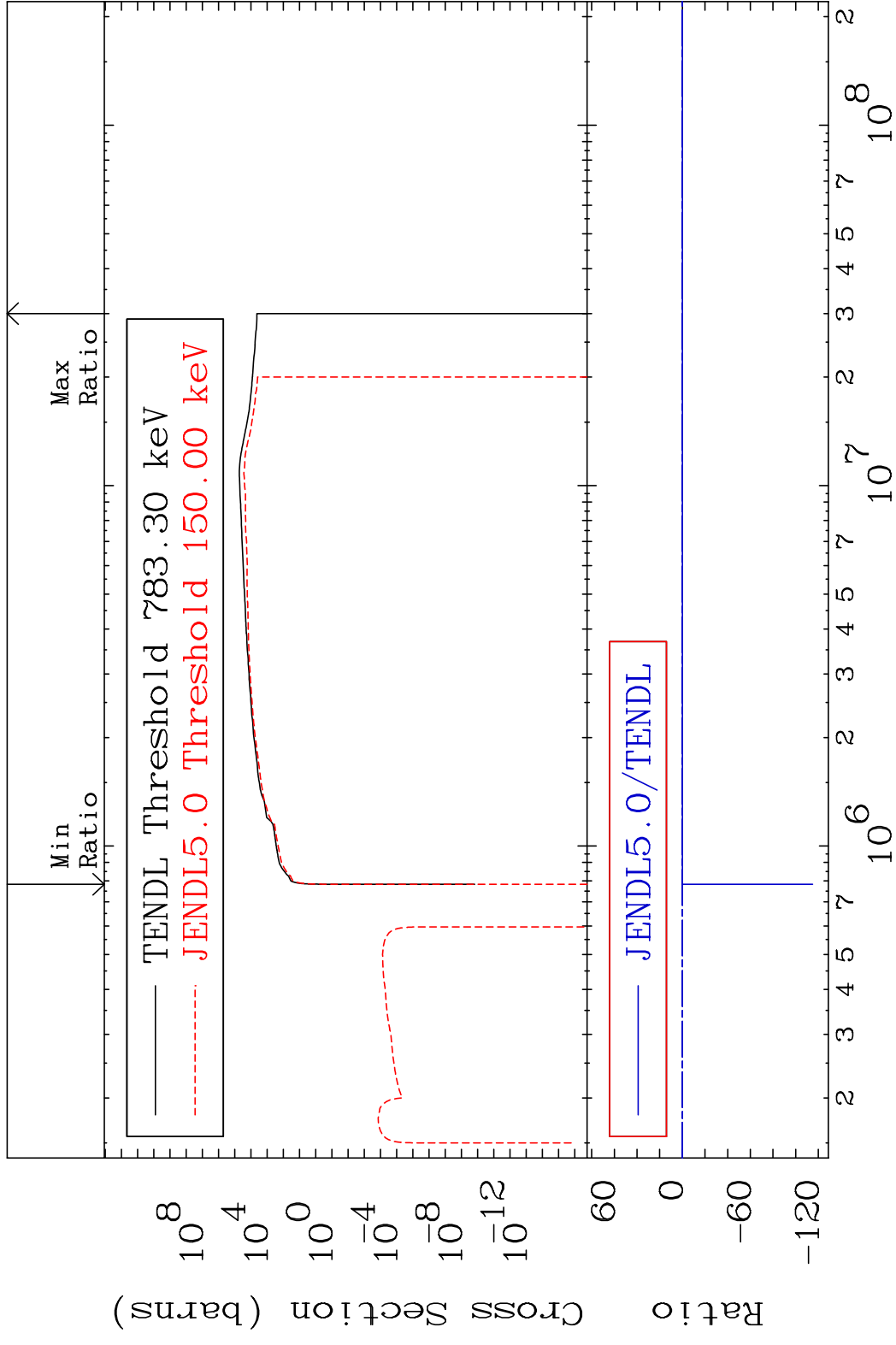
Incident Energy (eV)

21-Sc-47

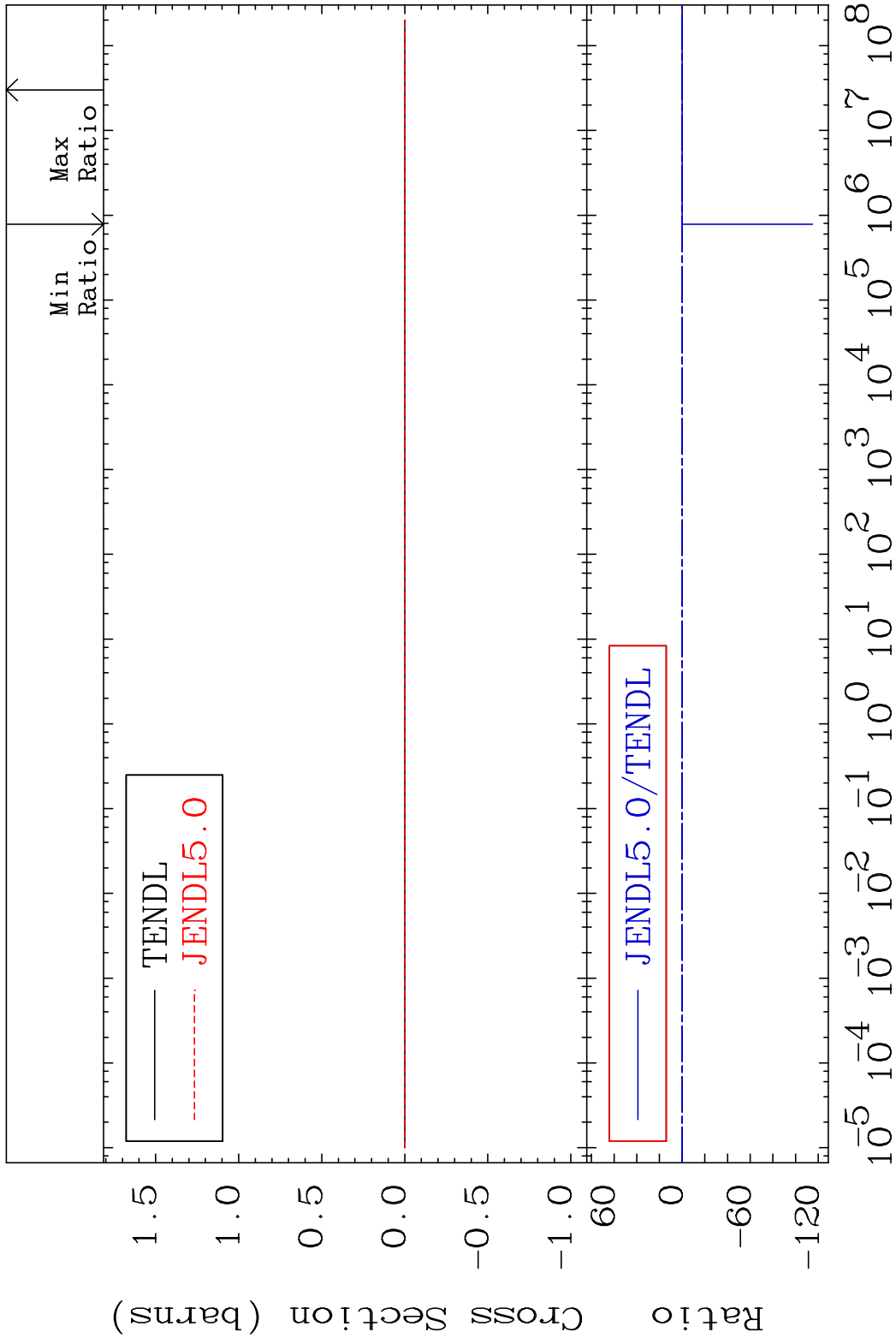
MAT 2131 Kerma non-elastic (all but mt2) 21-Sc-47
 Cross Section -100.0 To 3957. %



MAT 2131 Kerma inelastic (mt51-91) 21-Sc-47
 Cross Section -9999. To 0.000 %



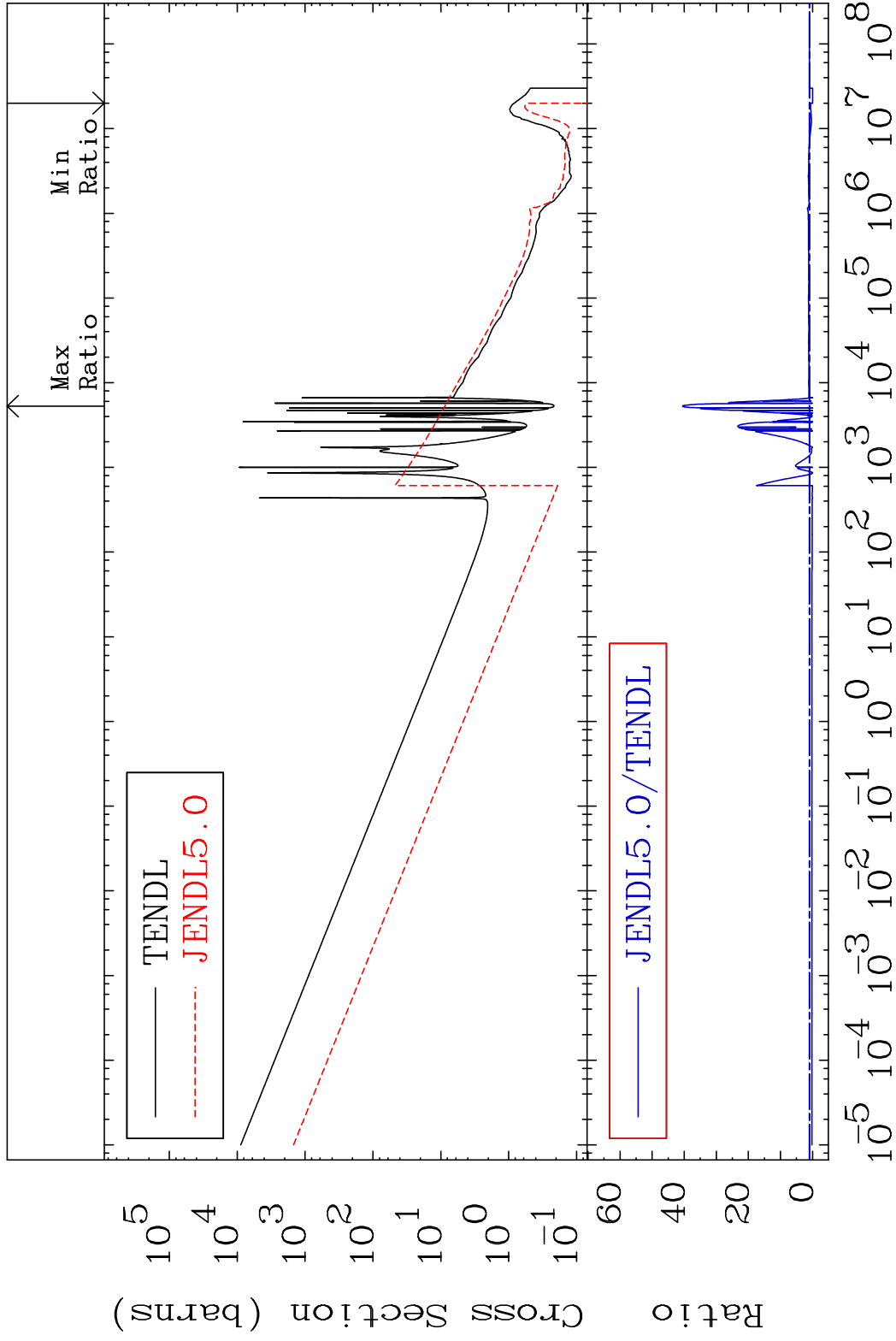
MAT 2131 Kerma fission (mt18 or mt19-20-21-38) 21-Sc-47
 Cross Section -9999. To 0.000 %



MAT 2131

Kerma capture (mt102) 21-Sc-47

Cross Section -100.0 To 3957. %

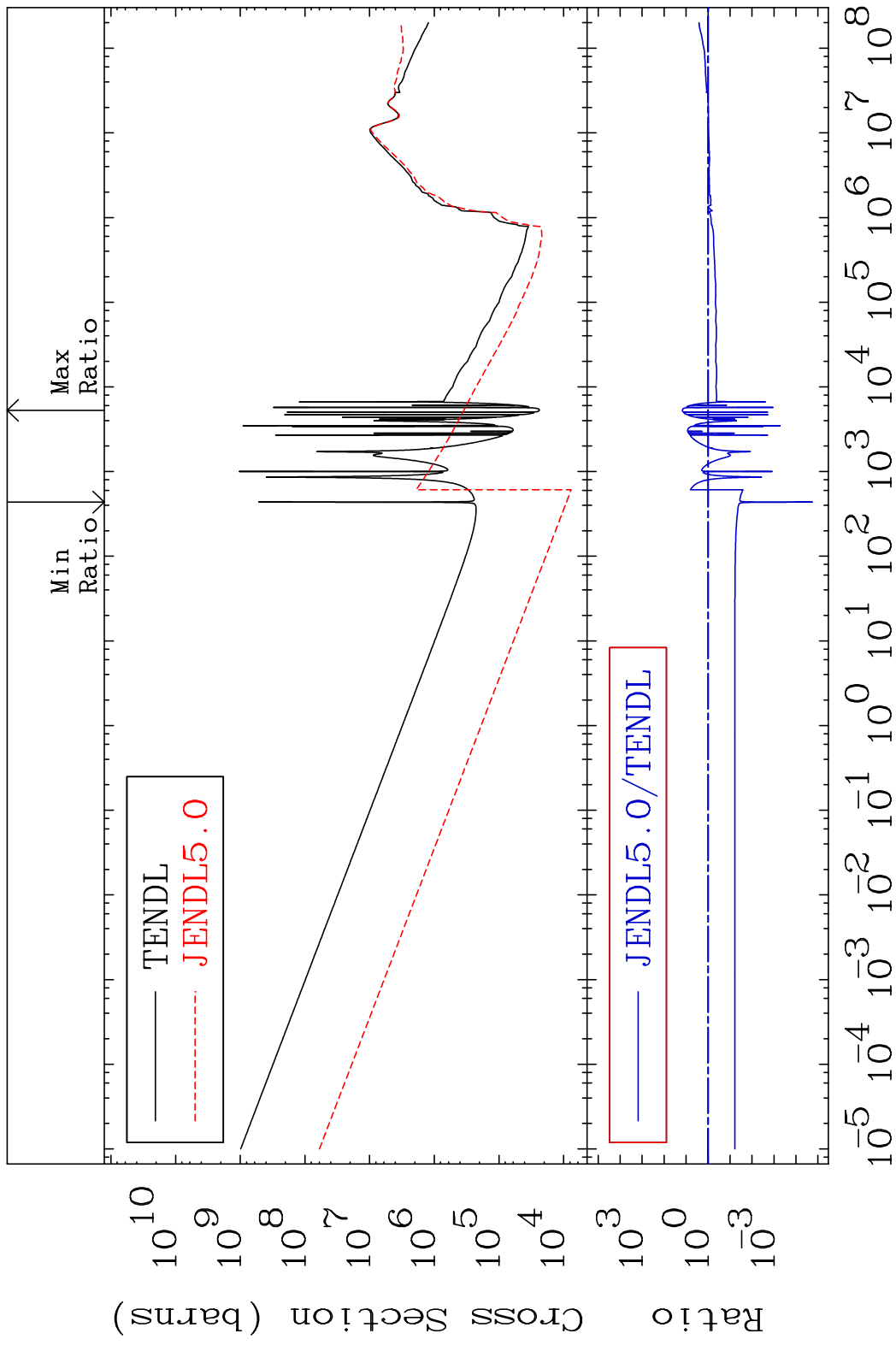


52

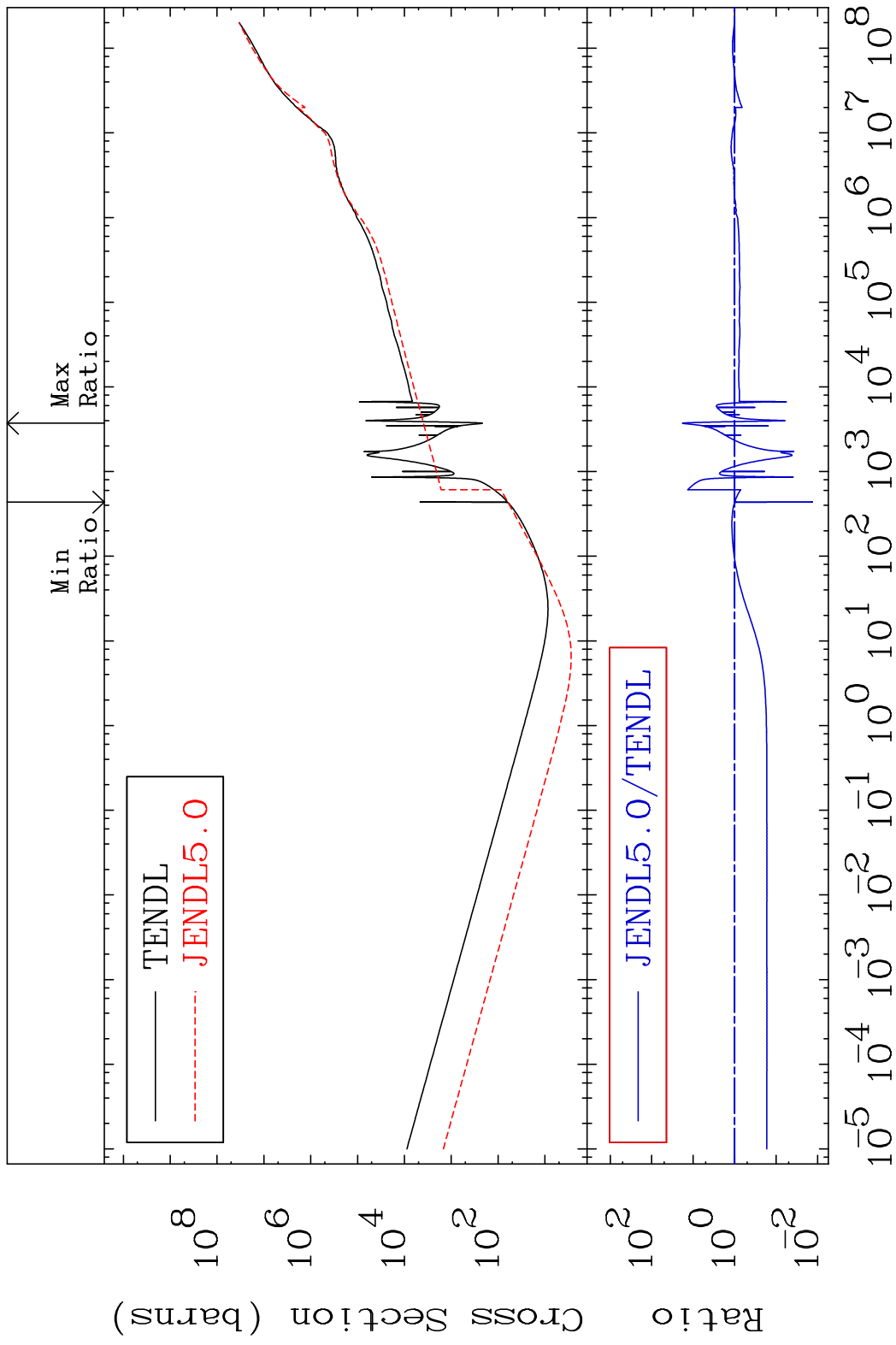
Incident Energy (eV)

21-Sc-47

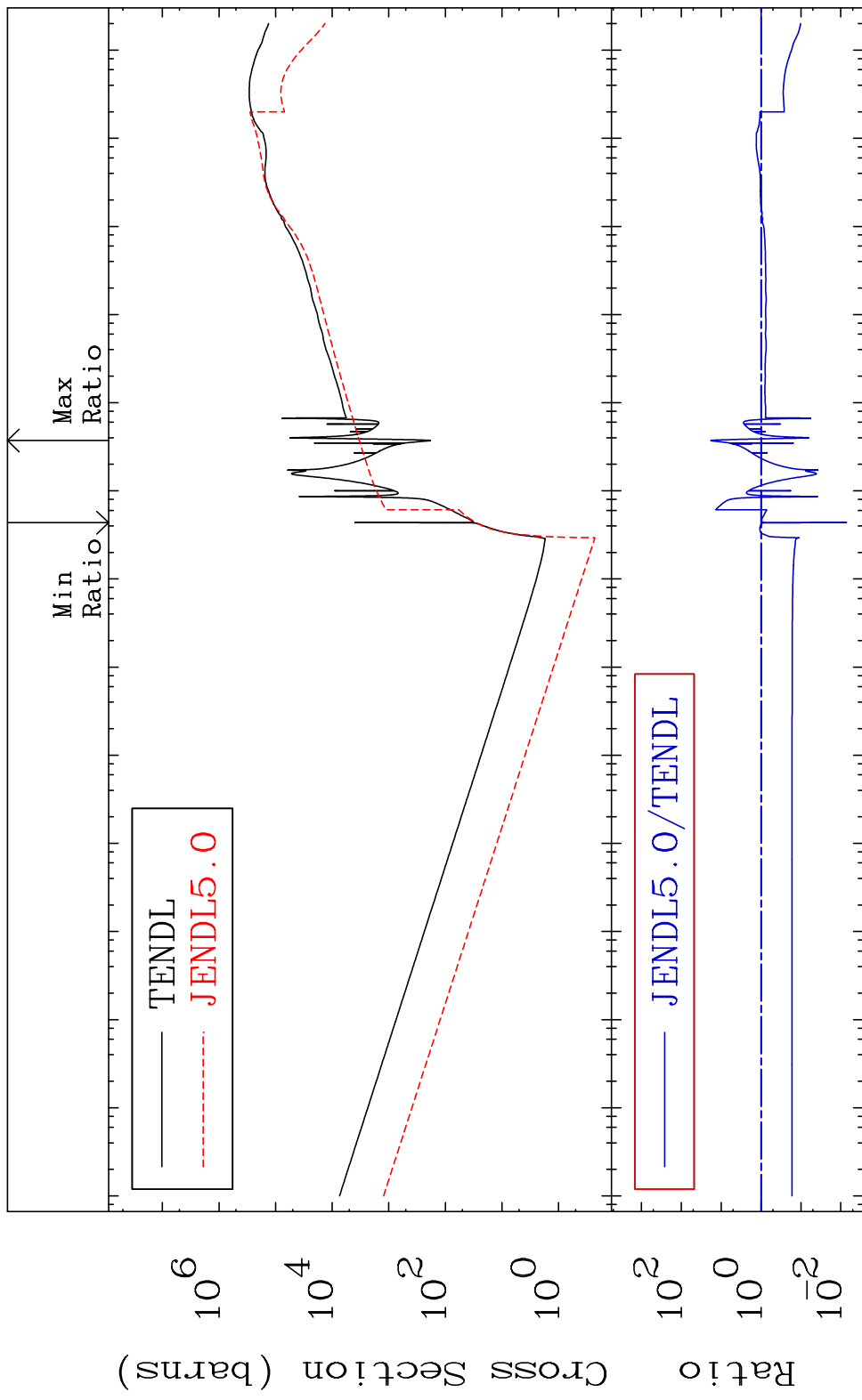
MAT 2131 Total photon (eV-barns) 21-Sc-47
 Cross Section -100.0 To 1378. %



MAT 2131 Total kinematic kerma (high limit) 21-Sc-47
 Cross Section -98.68 To 1723. %



MAT 2131 Dpa total (eV-barns) 21-Sc-47
 Cross Section -99.27 To 1722. %

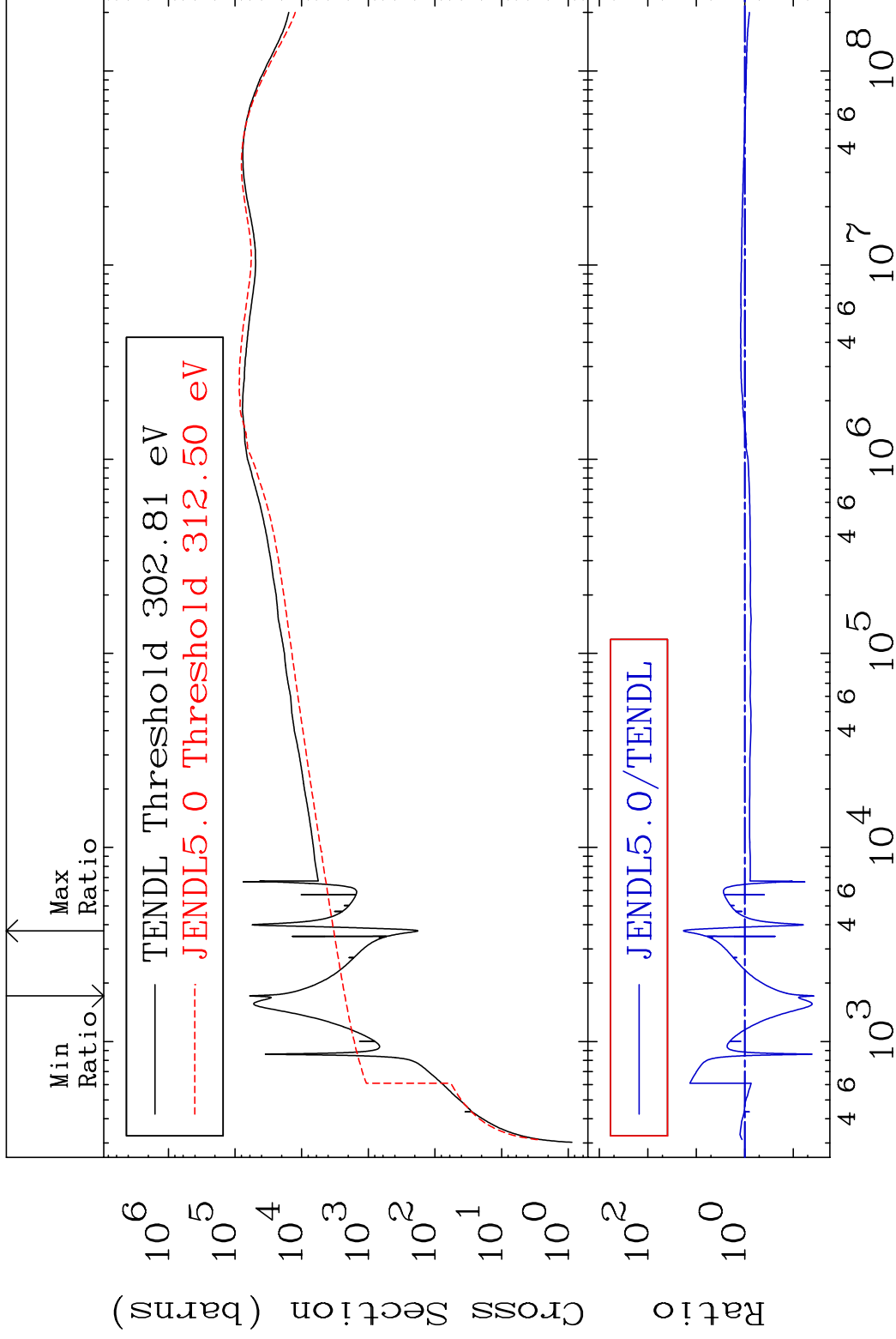


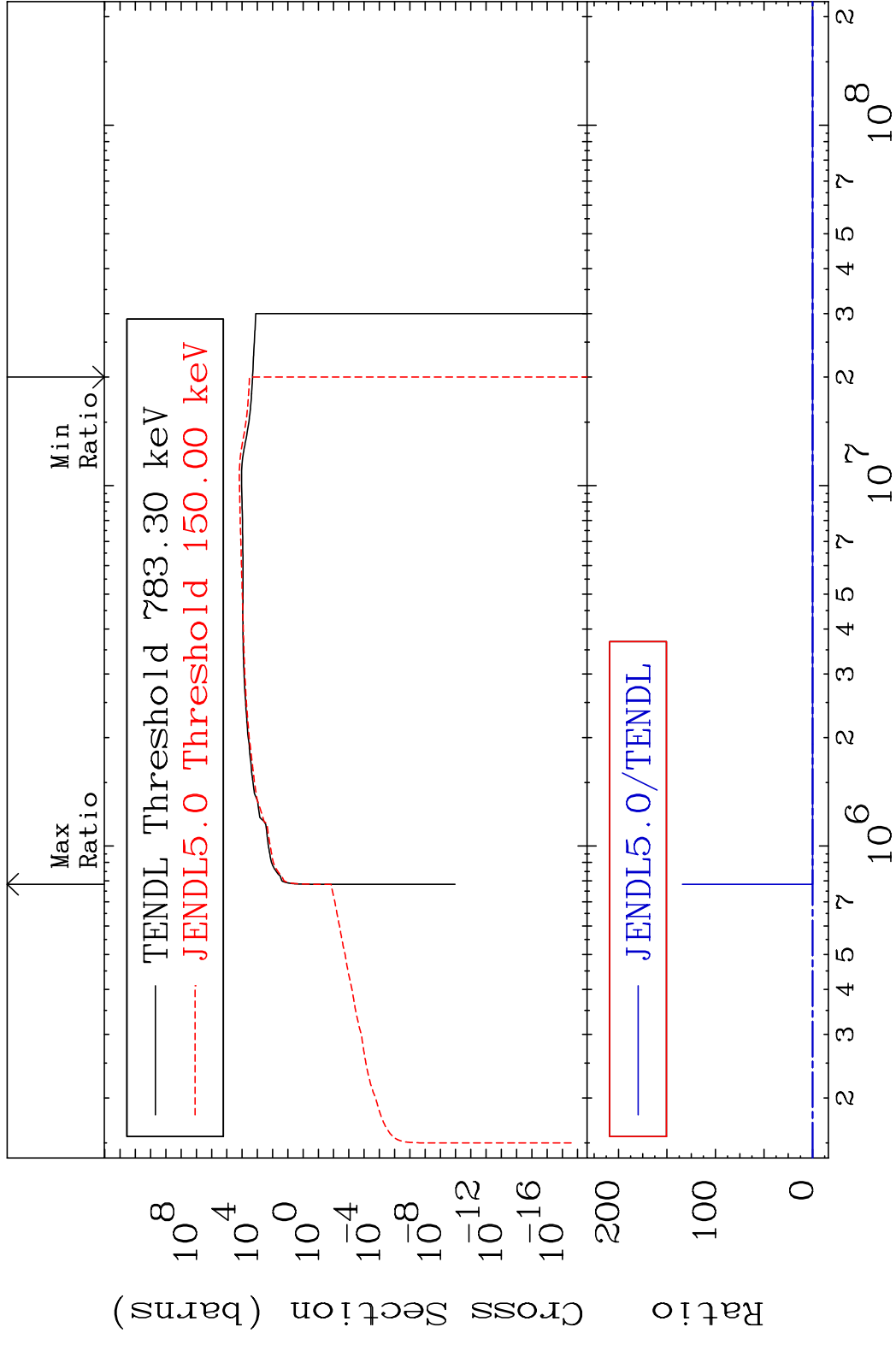
MAT 2131

Dpa elastic (mt2)

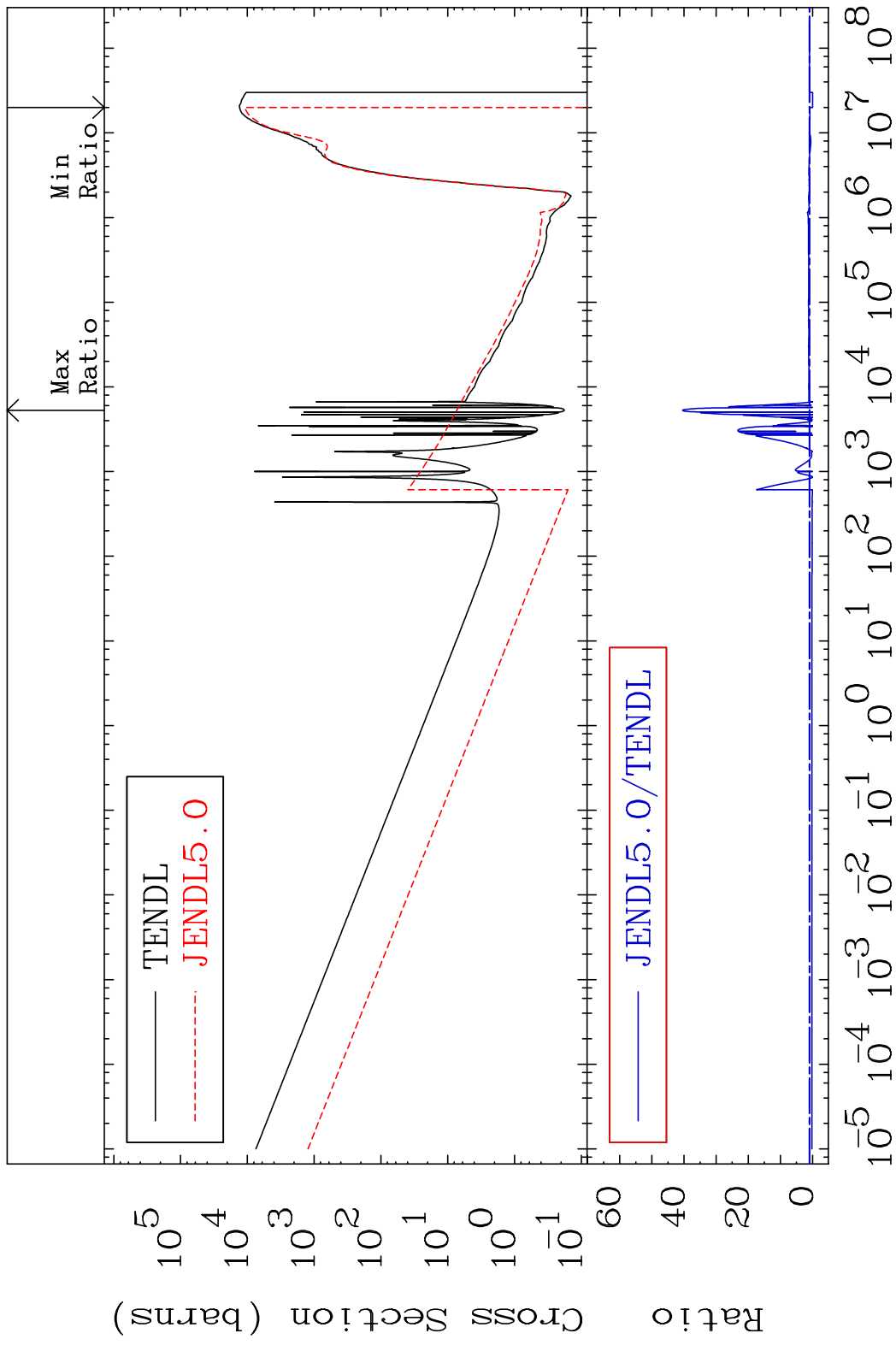
21-Sc-47

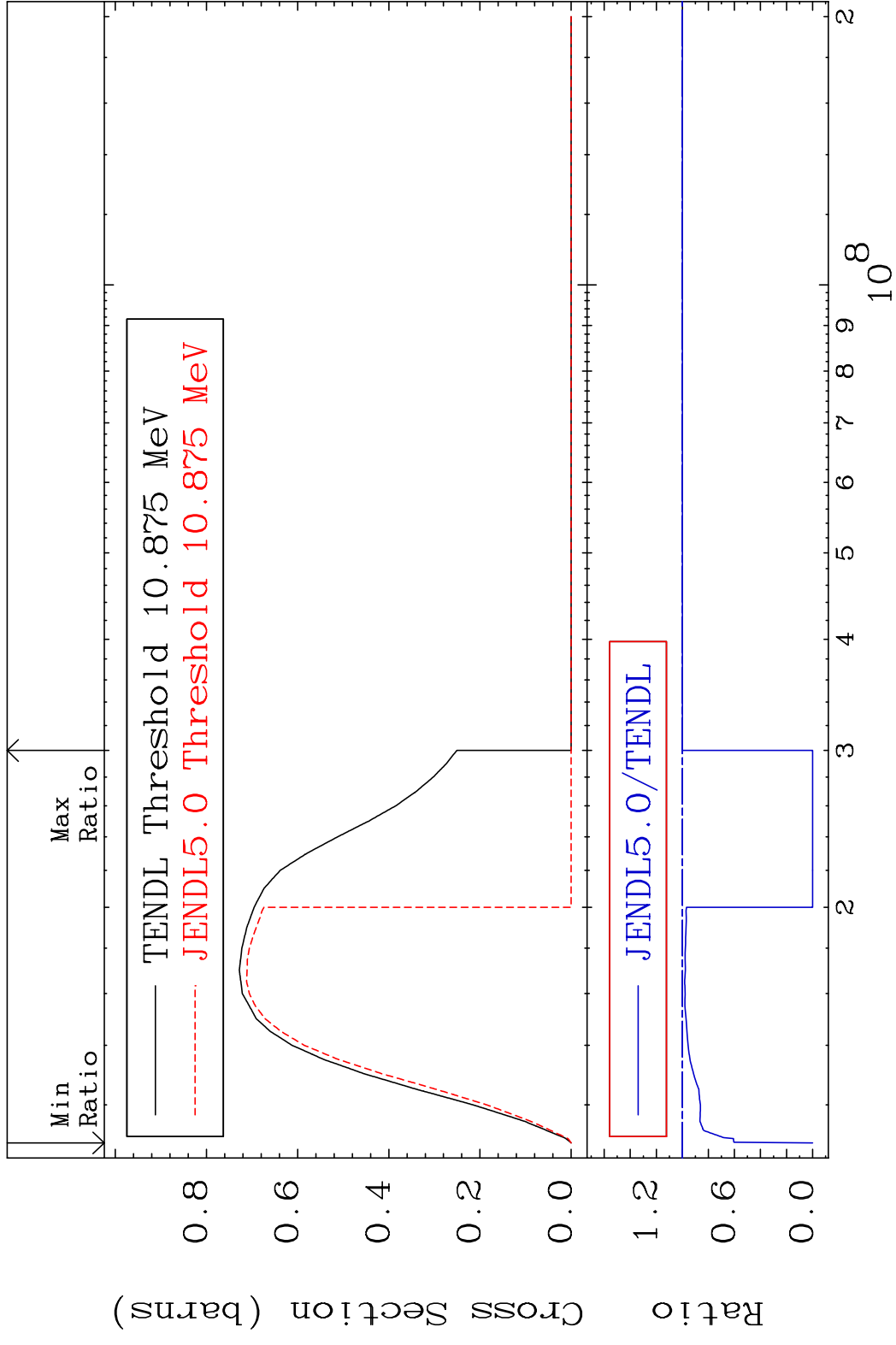
Cross Section -96.29 To 1735. %



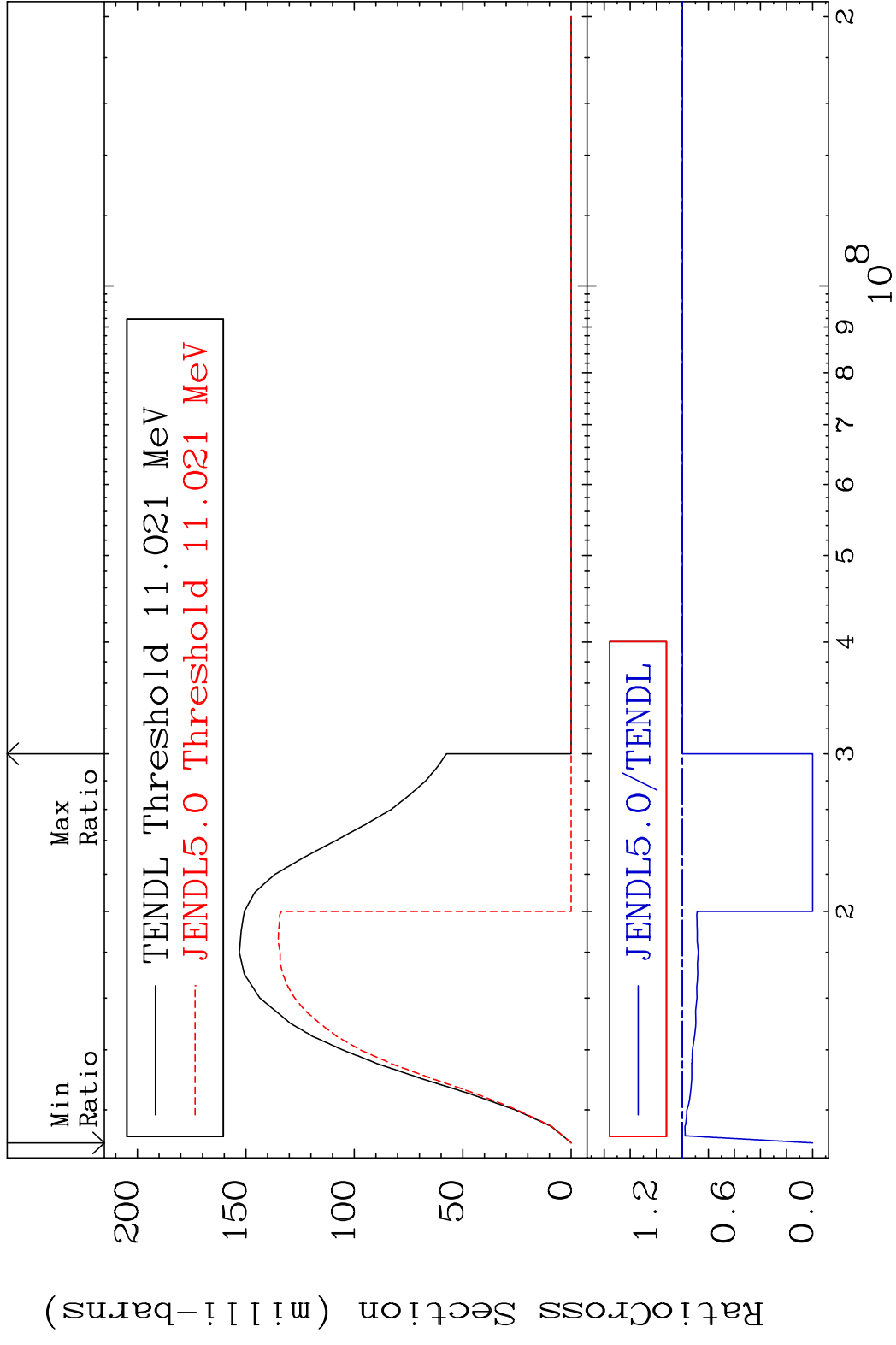


MAT 2131 Dpa disappearance (mt102 -120) 21-Sc-47
 Cross Section -100.0 To 3951. %





MAT 2131 (n,2n):21-Sc-46m2 21-Sc-47
 Radionuclide Production Cross Section Ratio 0.000 %

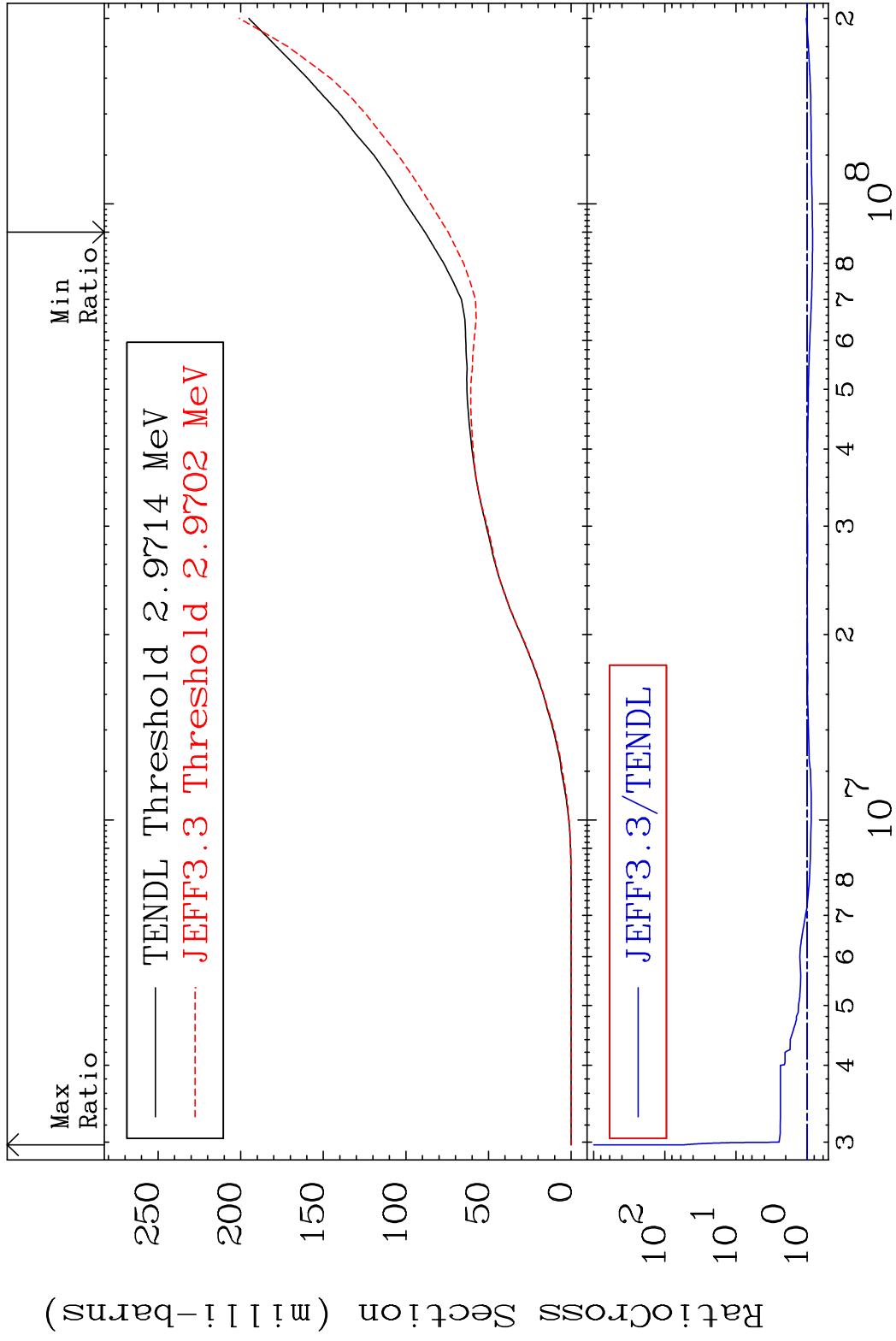


MAT 2131

He-4 Production

21-Sc-47

Cross Section -15.85 To 5586. %

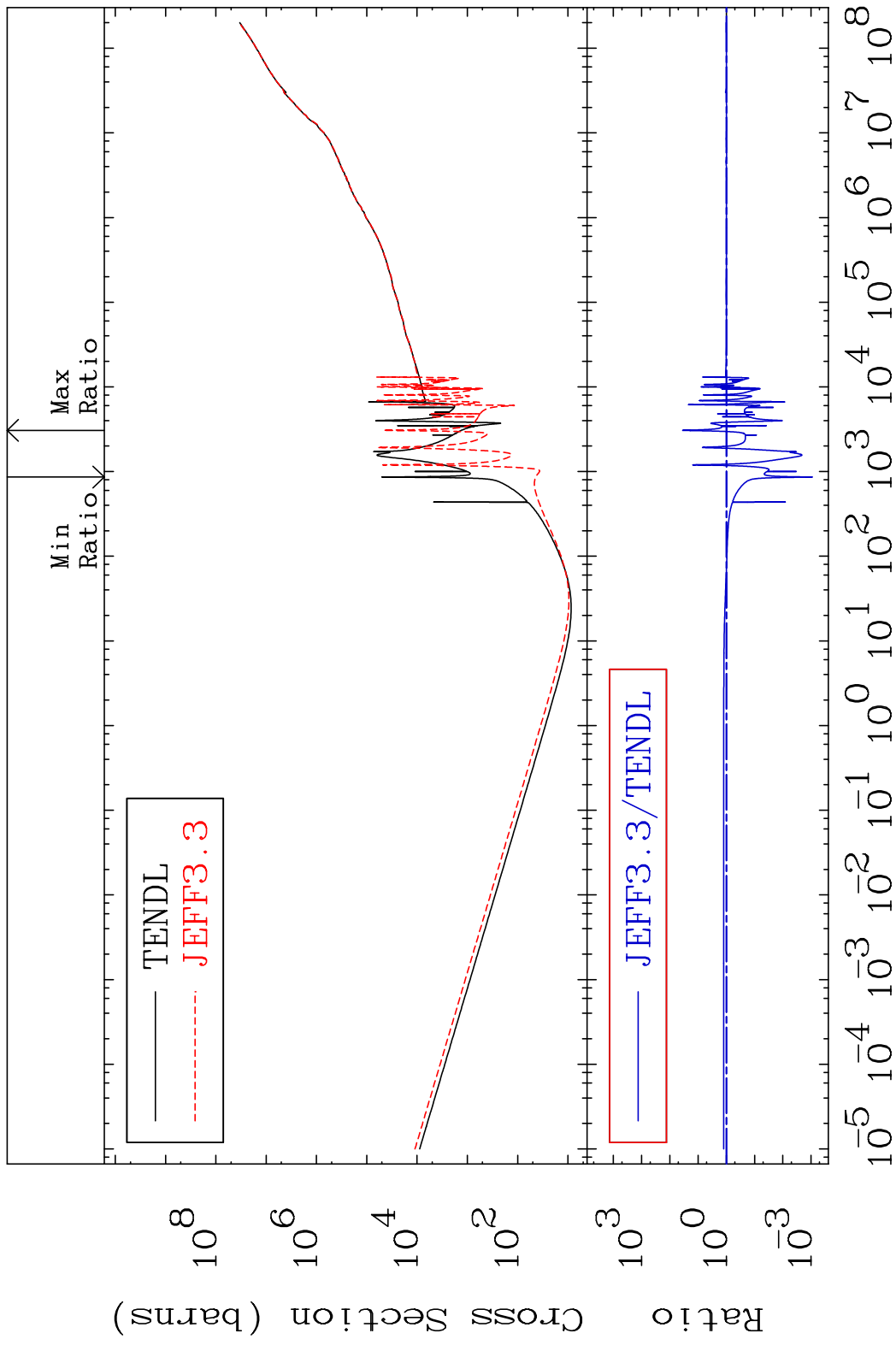


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Incident Energy (eV)

21-Sc-47

MAT 2131 Kerma total (eV-barns) 21-Sc-47
 Cross Section -99.91 To 3513. %

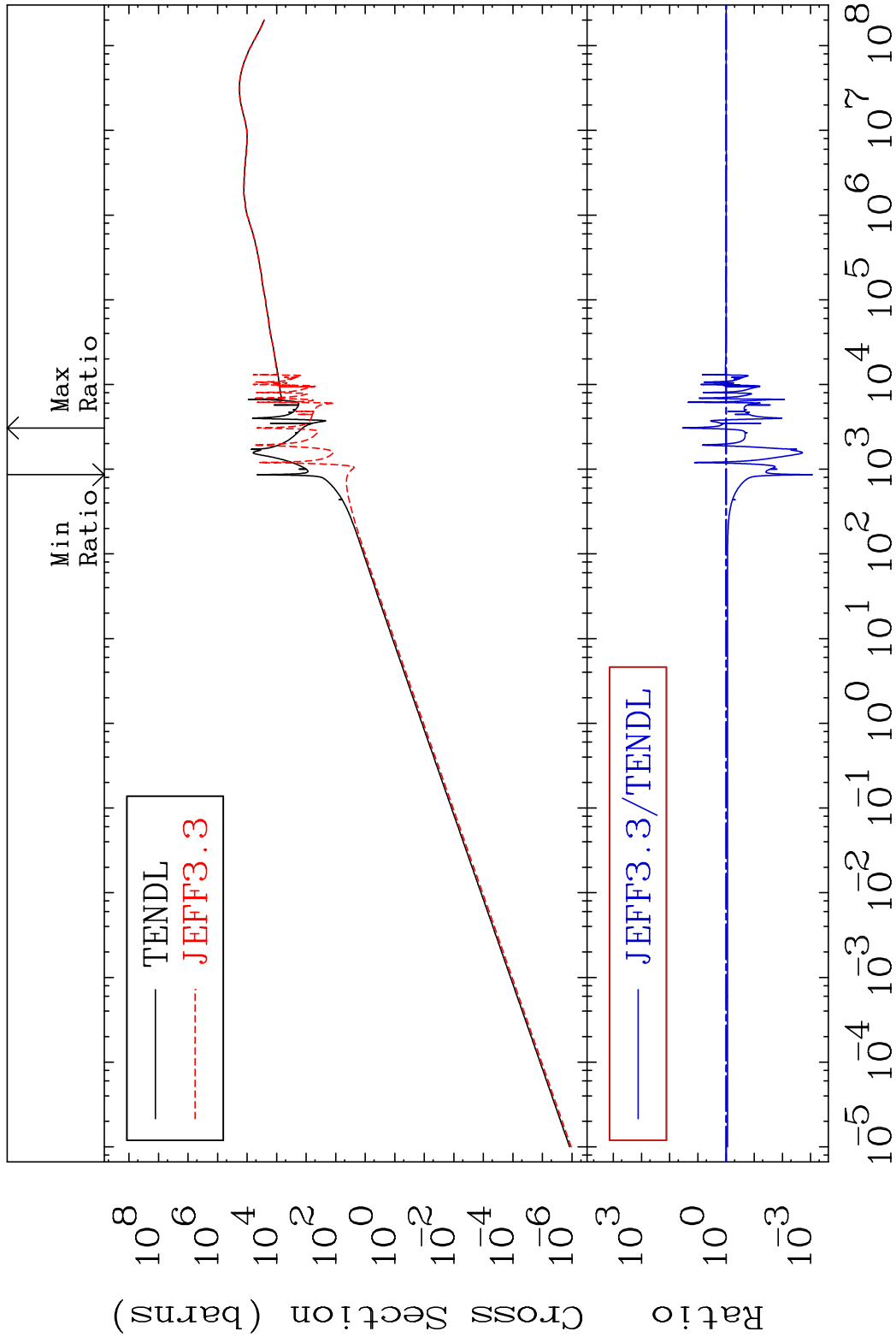


MAT 2131

Kerma elastic

21-Sc-47

Cross Section -99.91 To 3456. %

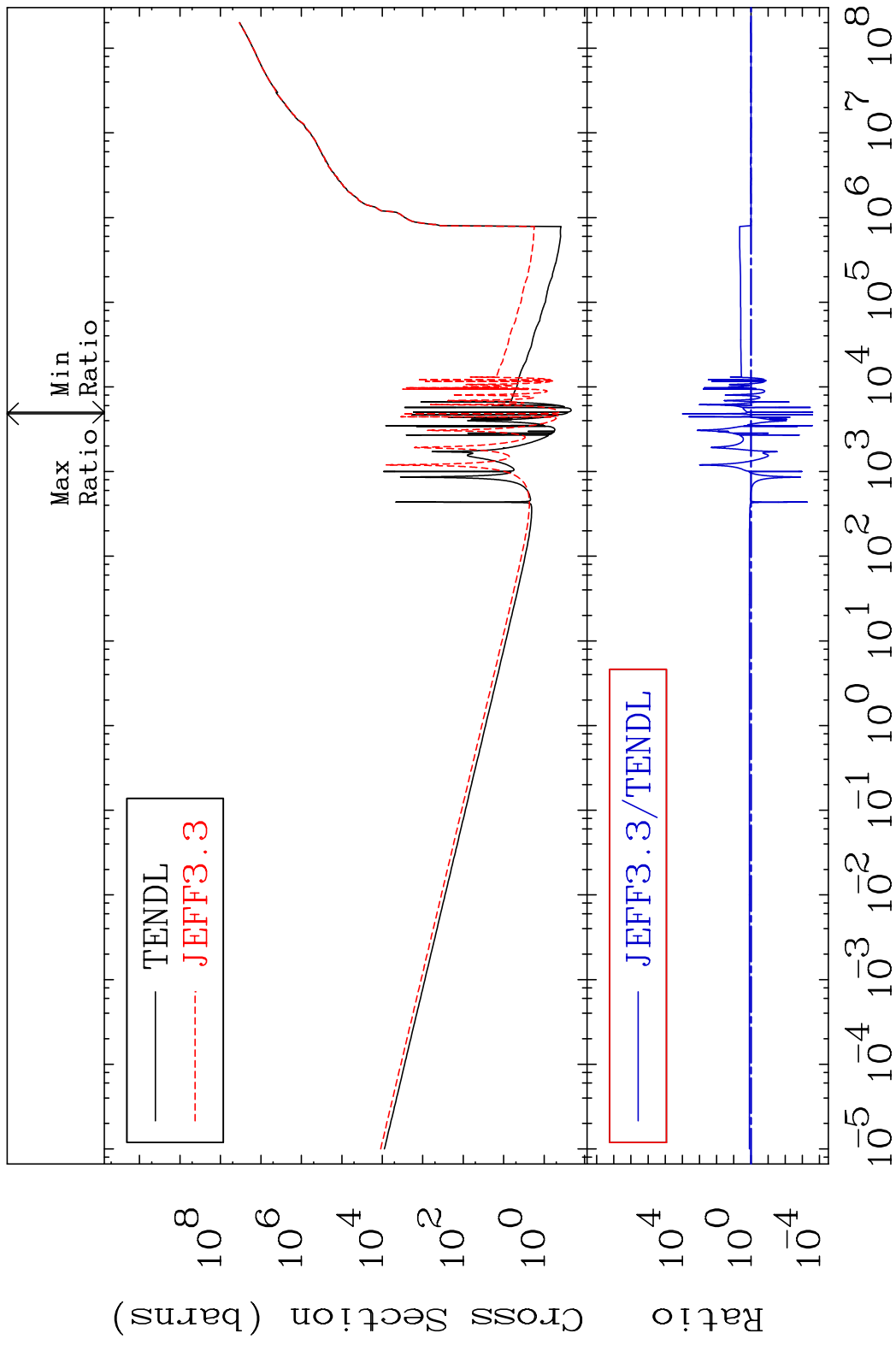


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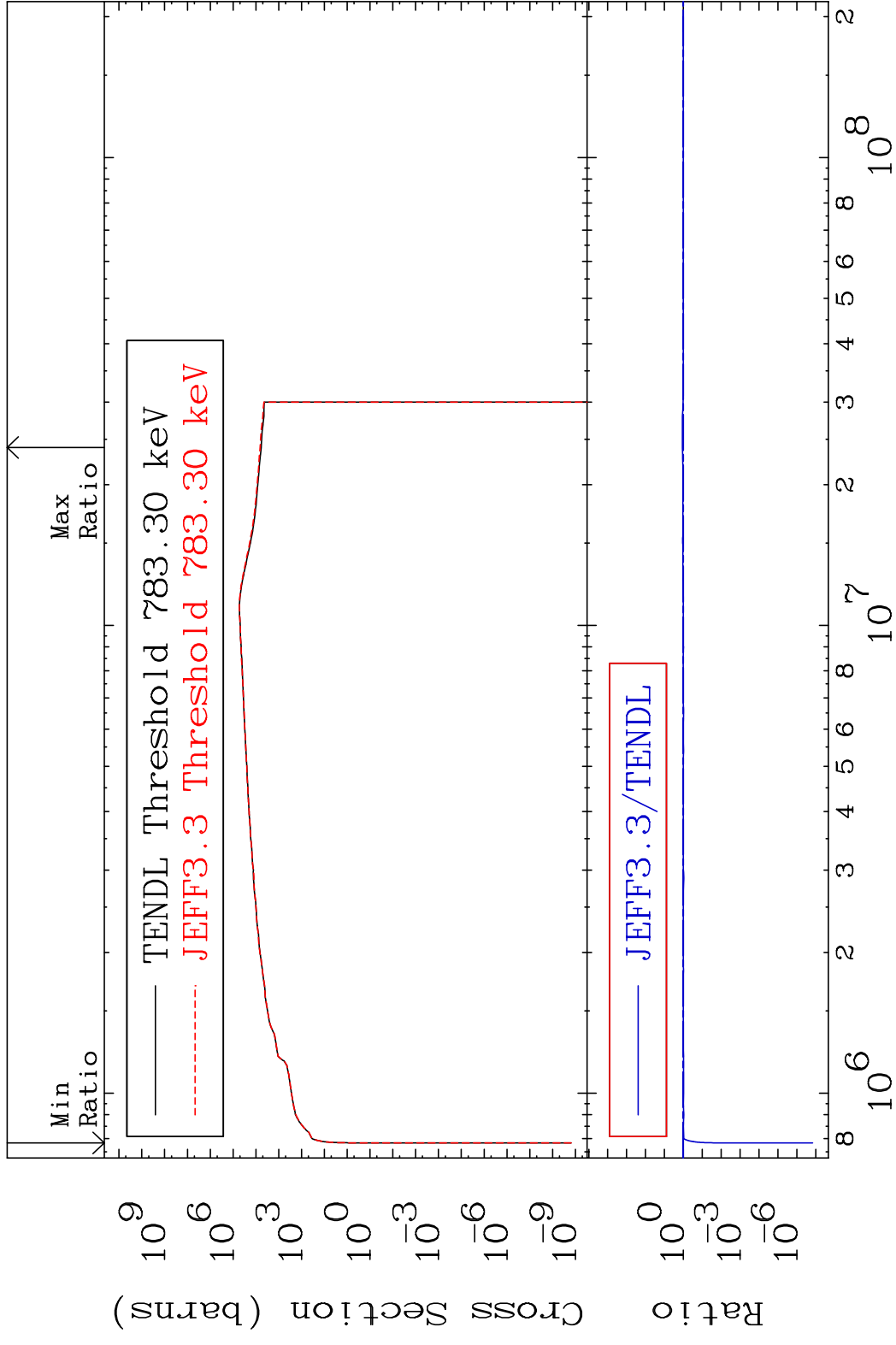
Incident Energy (eV)

21-Sc-47

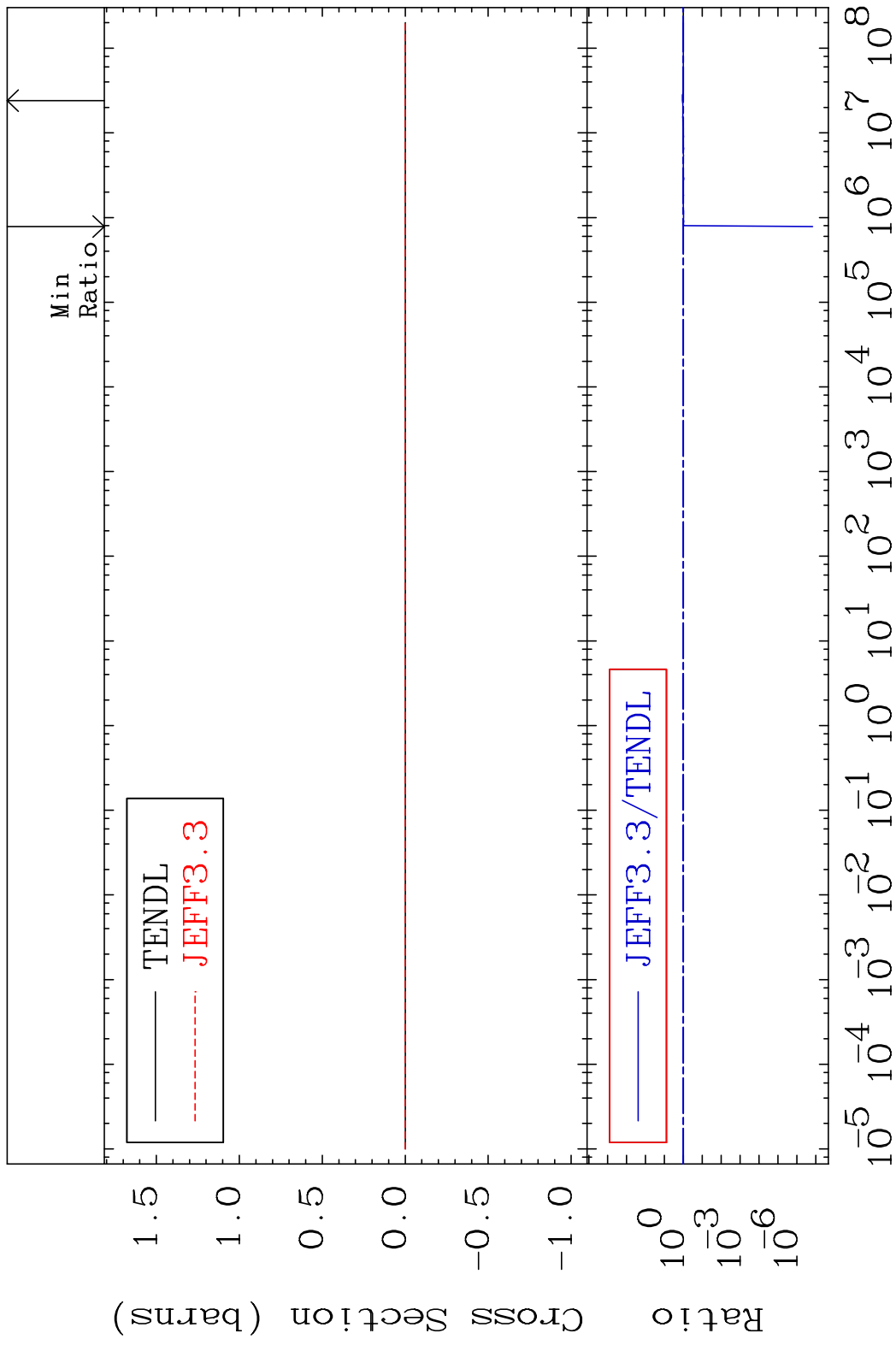
MAT 2131 Kerma non-elastic (all but mt2) 21-Sc-47
 Cross Section -99.97 To 9999. %



MAT 2131 Kerma inelastic (mt51-91) 21-Sc-47
 Cross Section -100.0 To 13.09 %



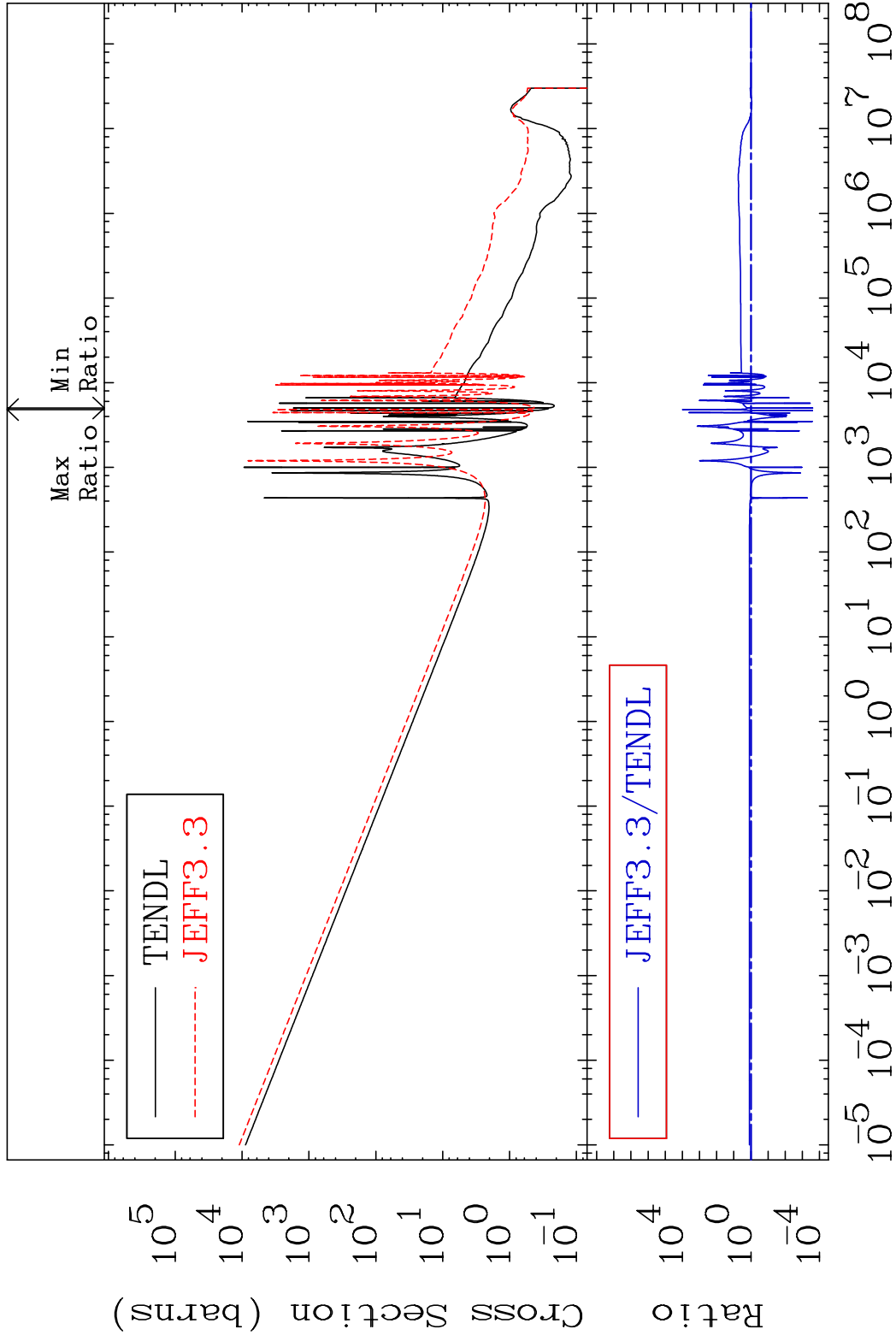
MAT 2131 Kerma fission (mt18 or mt19-20-21-38) 21-Sc-47
 Cross Section -100.0 To 13.09 %



MAT 2131

Kerma capture (mt102) 21-Sc-47

Cross Section -99.97 To 9999. %

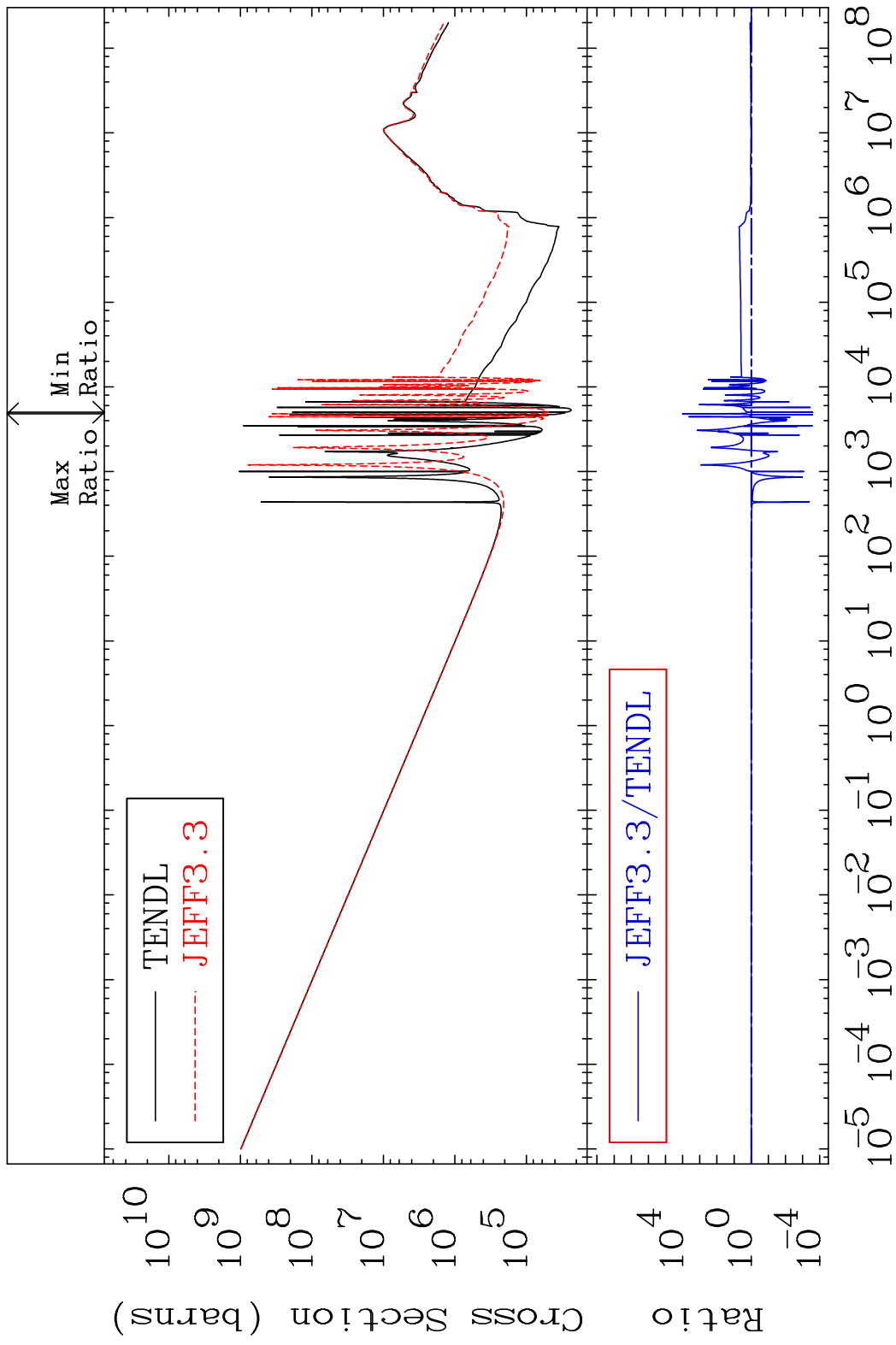


67

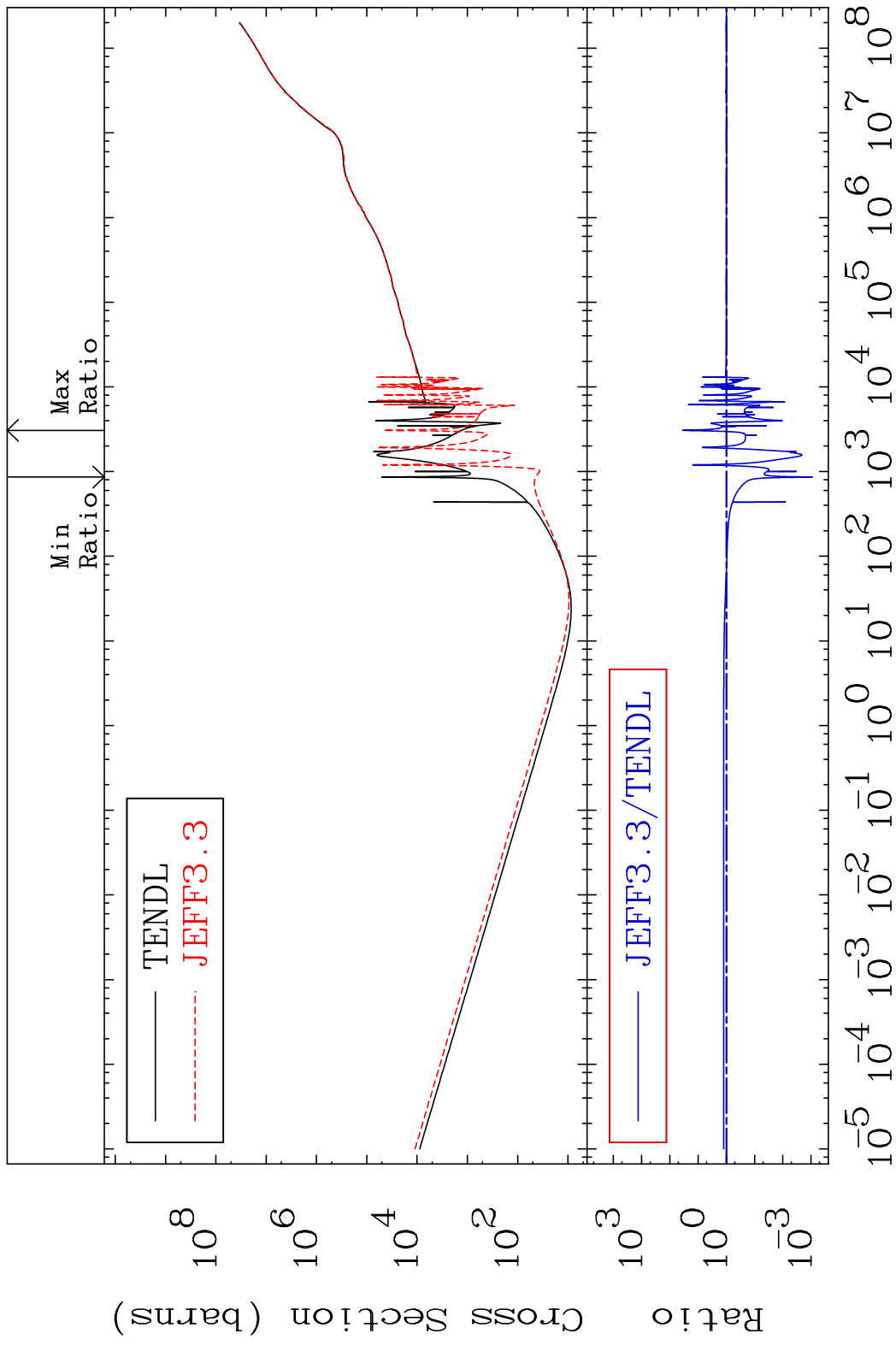
Incident Energy (eV)

21-Sc-47

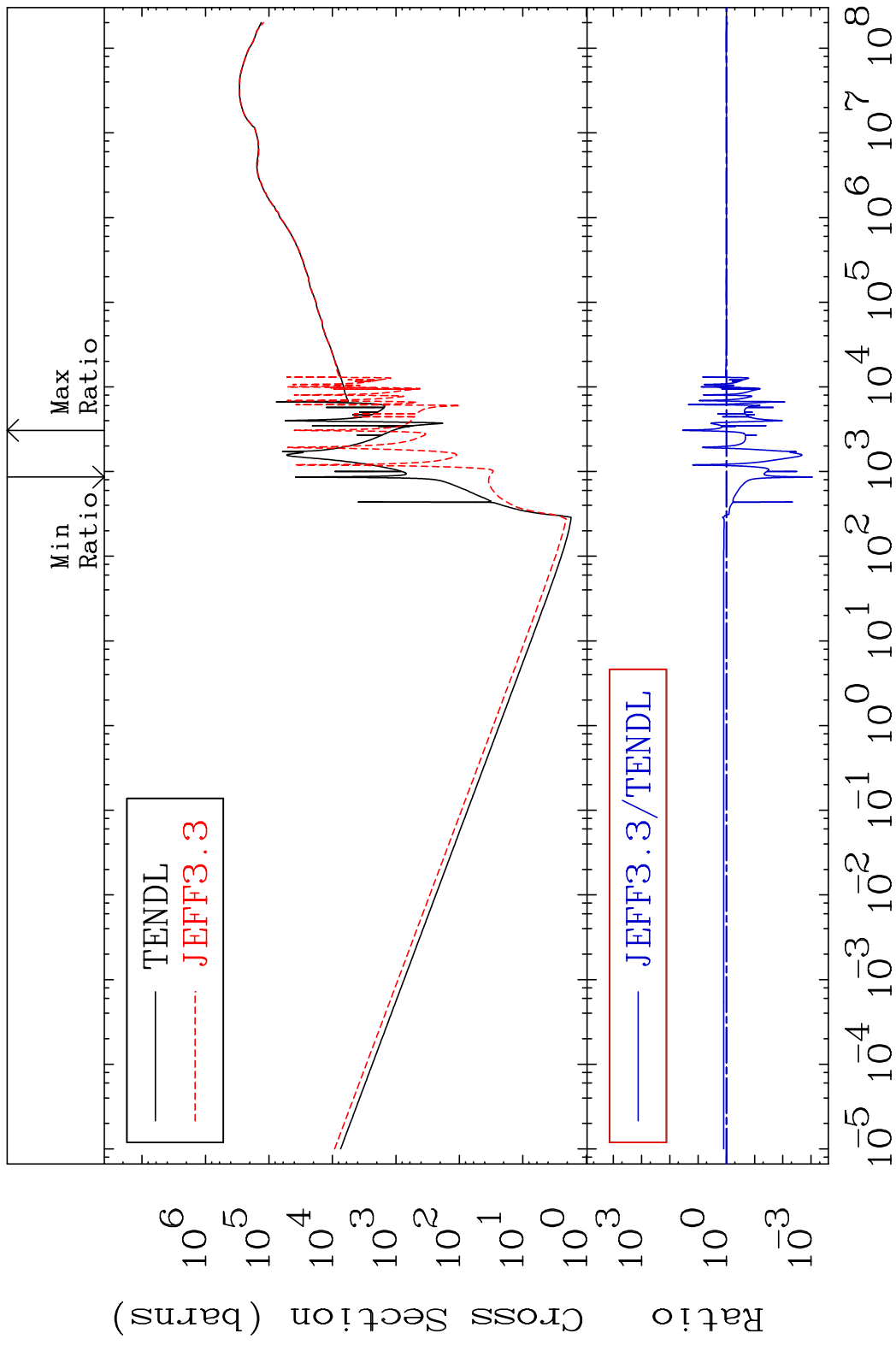
MAT 2131 Total photon (eV-barns) 21-Sc-47
 Cross Section -99.97 To 9999. %



MAT 2131 Total kinematic kerma (high limit) 21-Sc-47
 Cross Section -99.91 To 3513. %

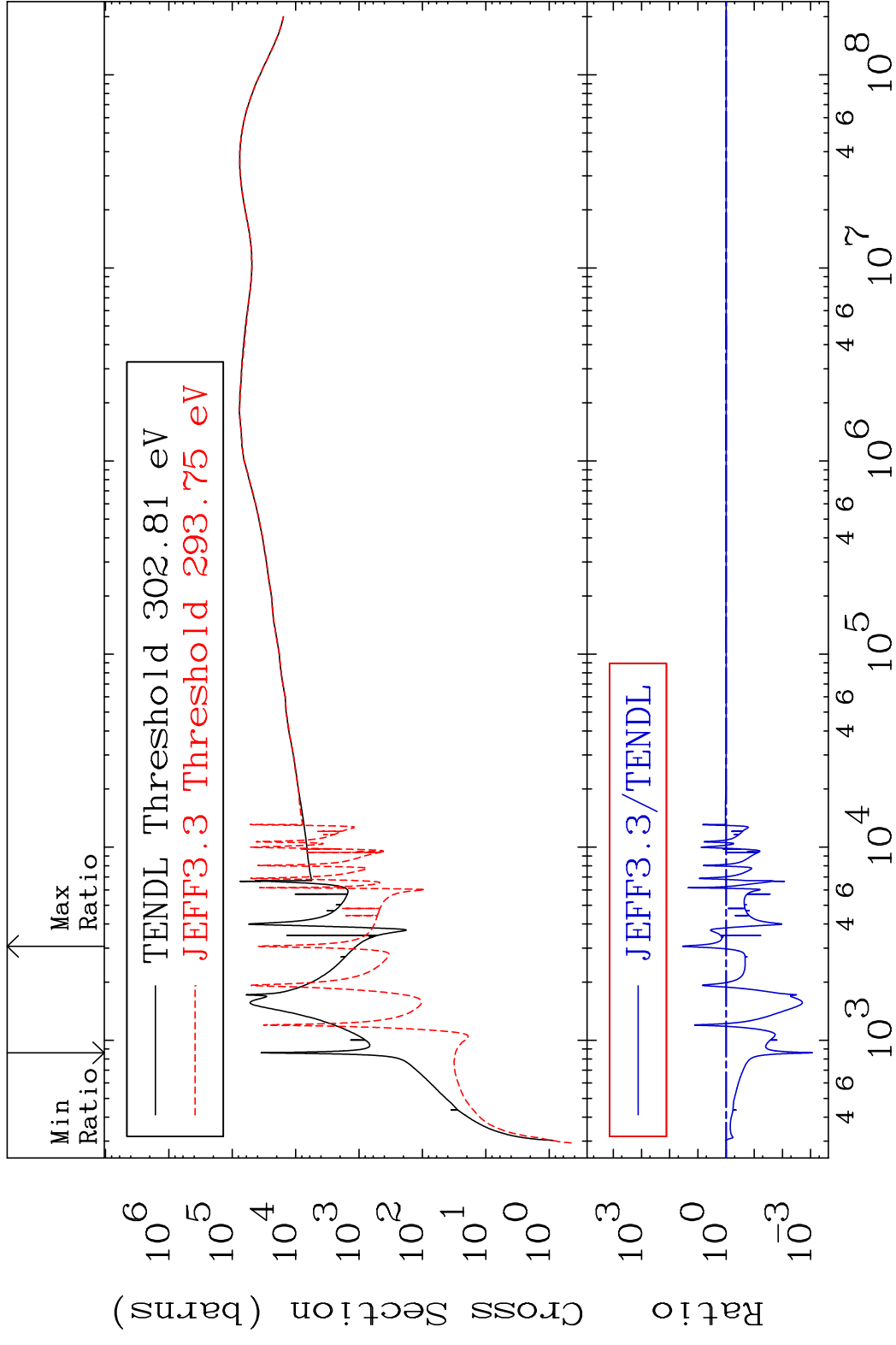


MAT 2131 Dpa total (eV-barns) 21-Sc-47
 Cross Section -99.91 To 3512. %

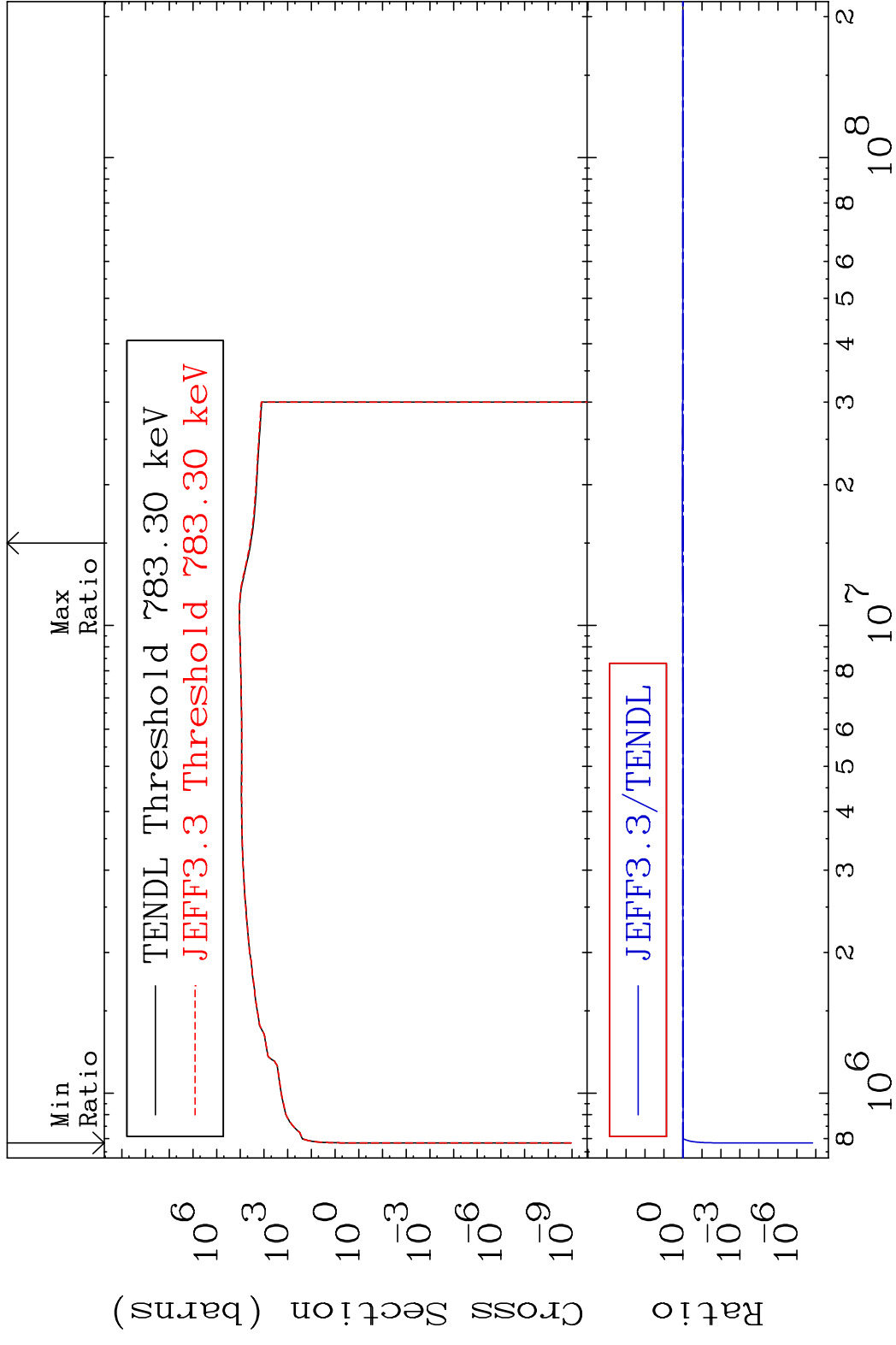


70 Incident Energy (eV) 21-Sc-47

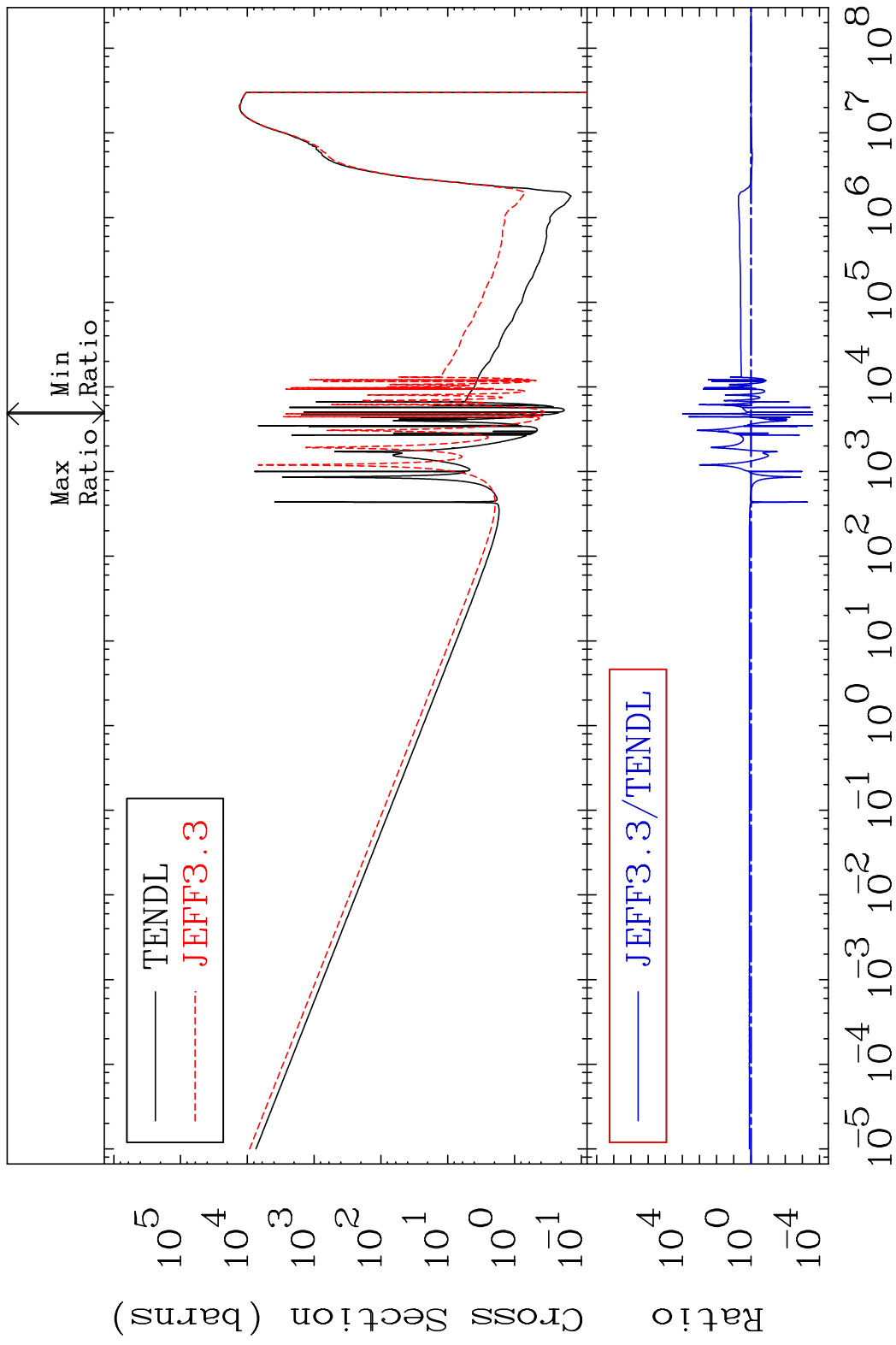
MAT 2131 Dpa elastic (mt2) 21-Sc-47
 Cross Section -99.91 To 3456. %



MAT 2131 Dpa inelastic (mt51-91) 21-Sc-47
 Cross Section -100.0 To 7.275 %



MAT 2131 Dpa disappearance (mt102 -120) 21-Sc-47
 Cross Section -99.97 To 9999. %



73 Incident Energy (eV) 21-Sc-47

MAT 2131 (n,2n):21-Sc-46g 21-Sc-47
 Radionuclide Production Cross Section 57.70 %

