

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

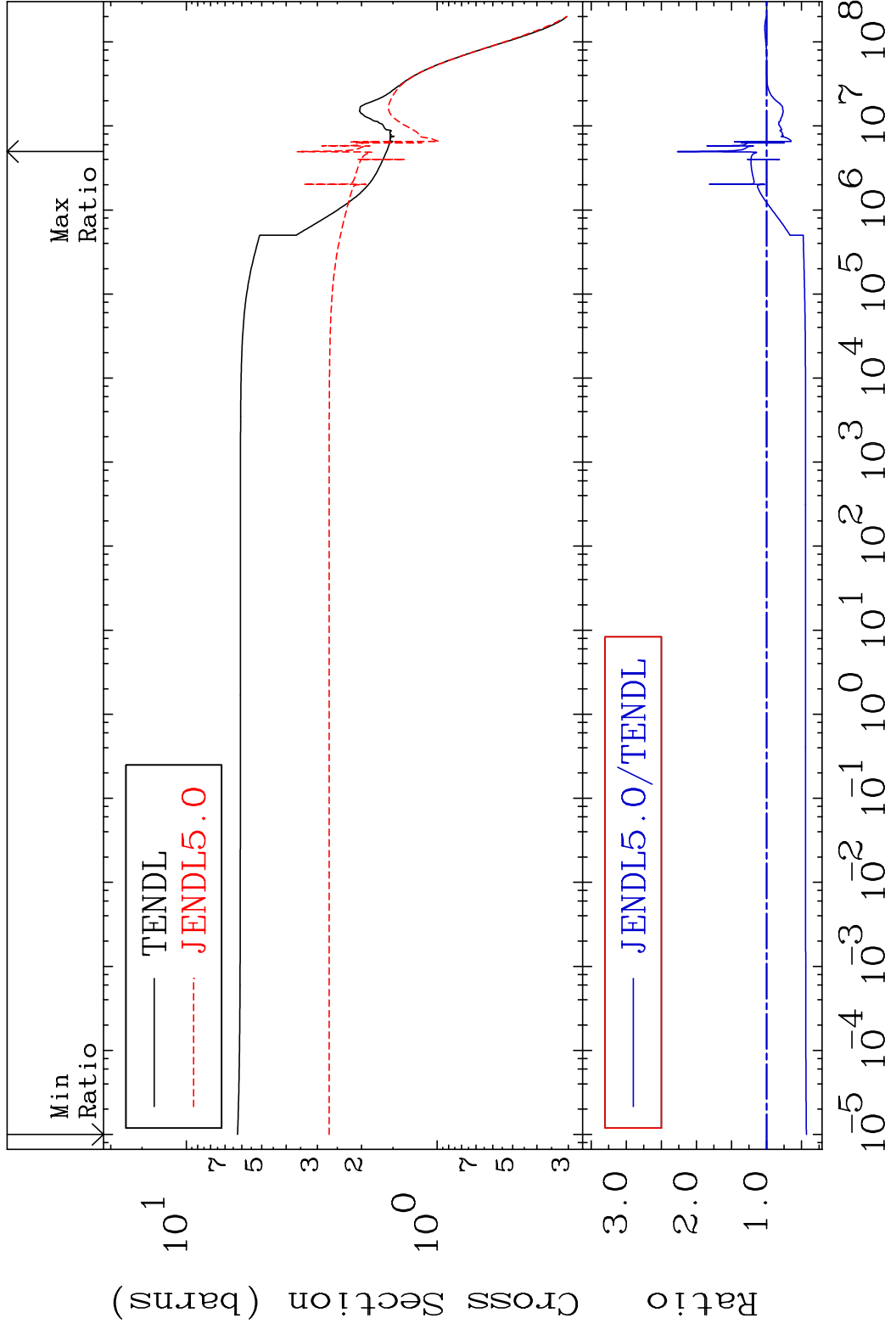
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 631 Total 6-C -14
Cross Section -56.87 To 127.4 %



1 Incident Energy (eV) 6-C -14

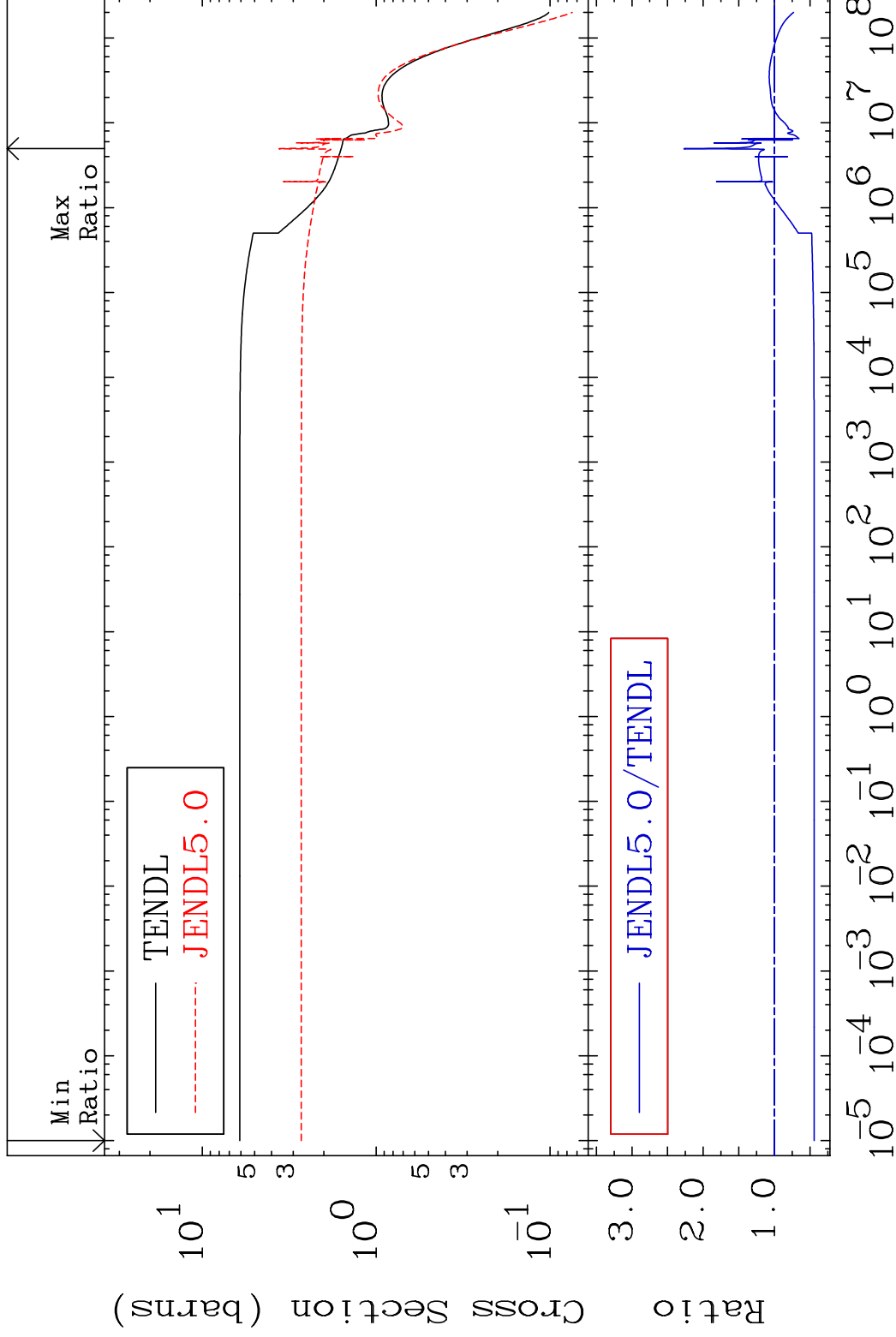
MAT 631

Elastic

6-C -14

Cross Section

-55.72 To 127.4 %

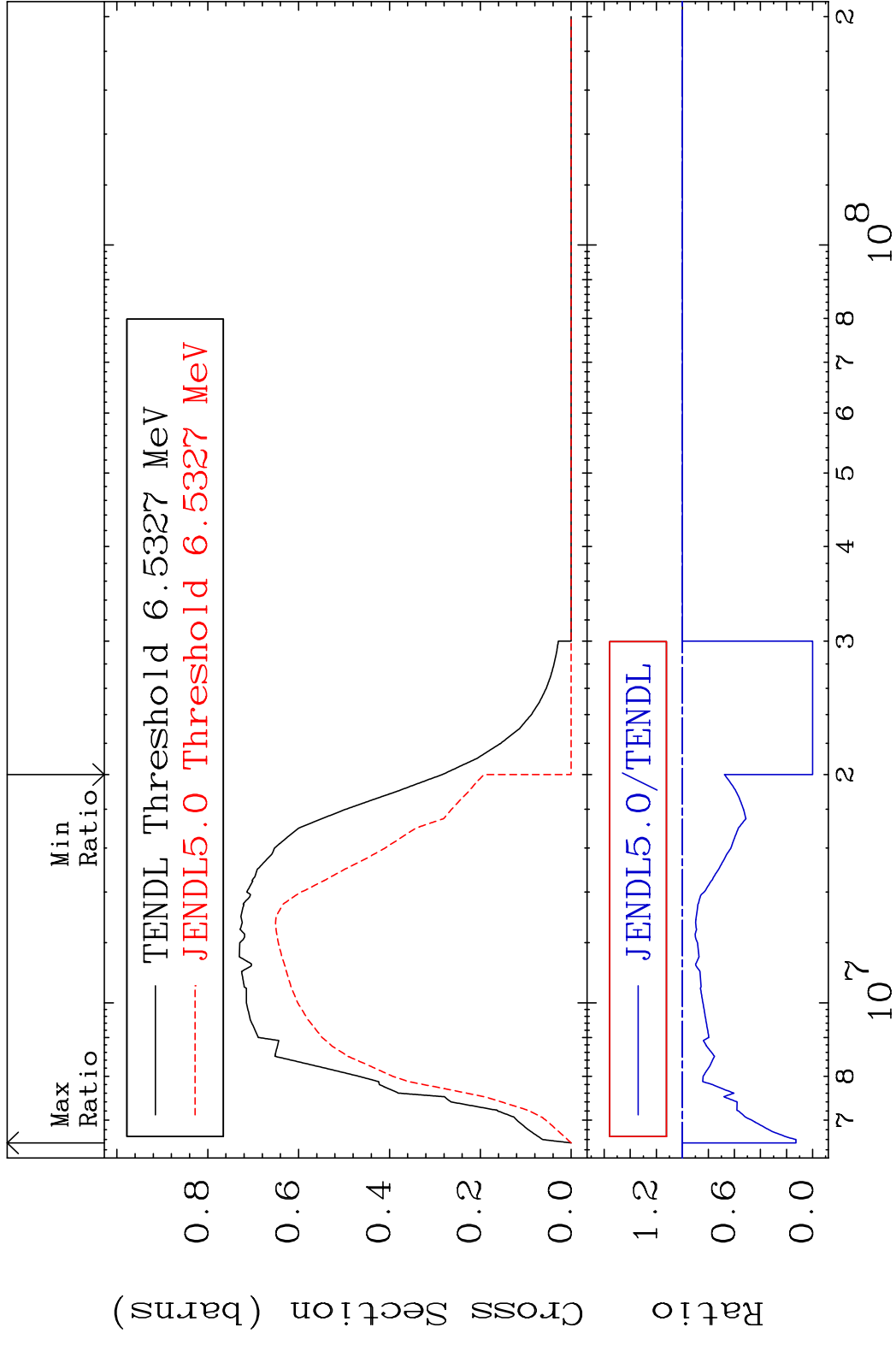


2

Incident Energy (eV)

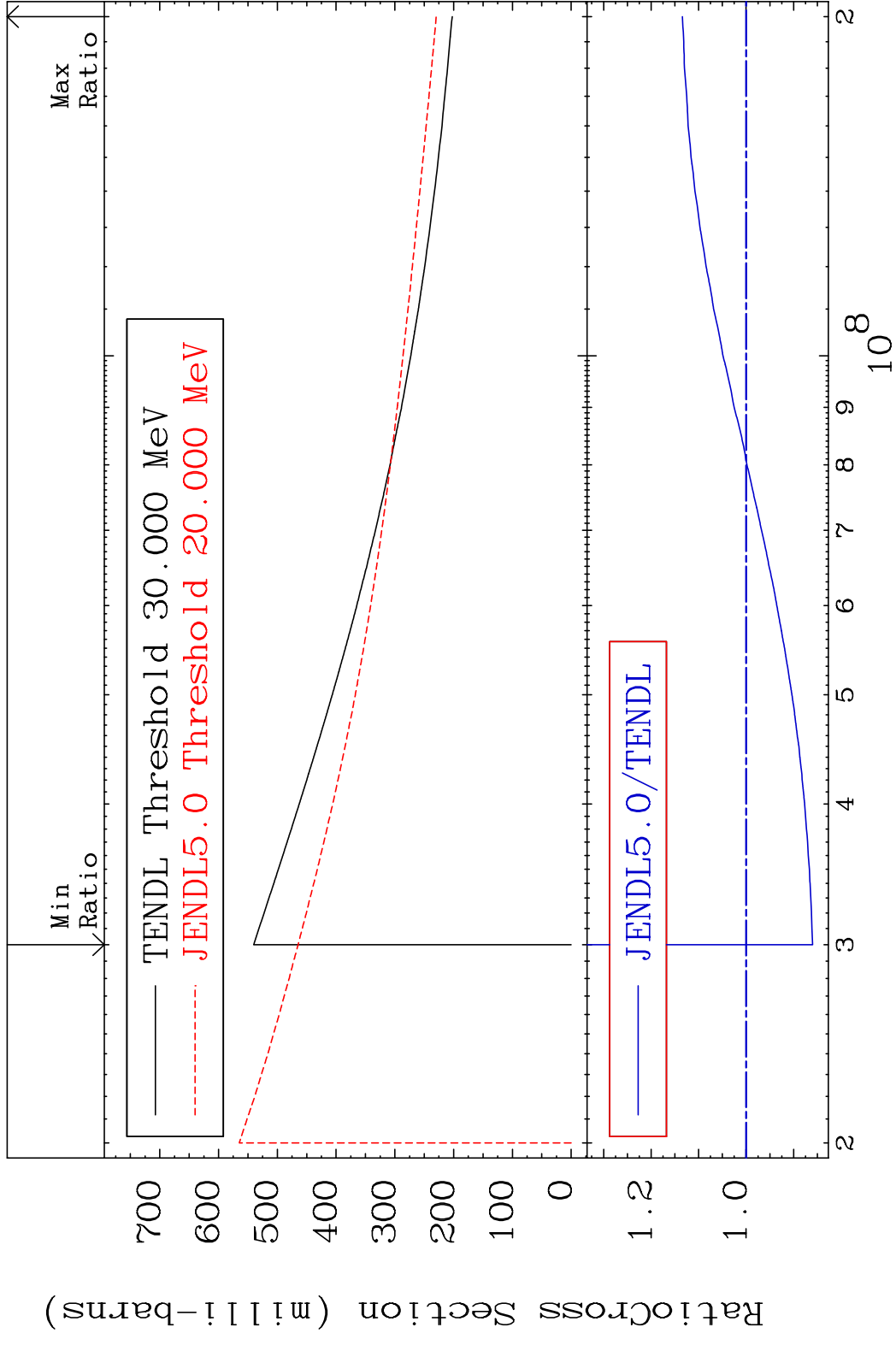
6-C -14

MAT 631 Inelastic Cross Section -100.0 To 0.000 % 6-C -14

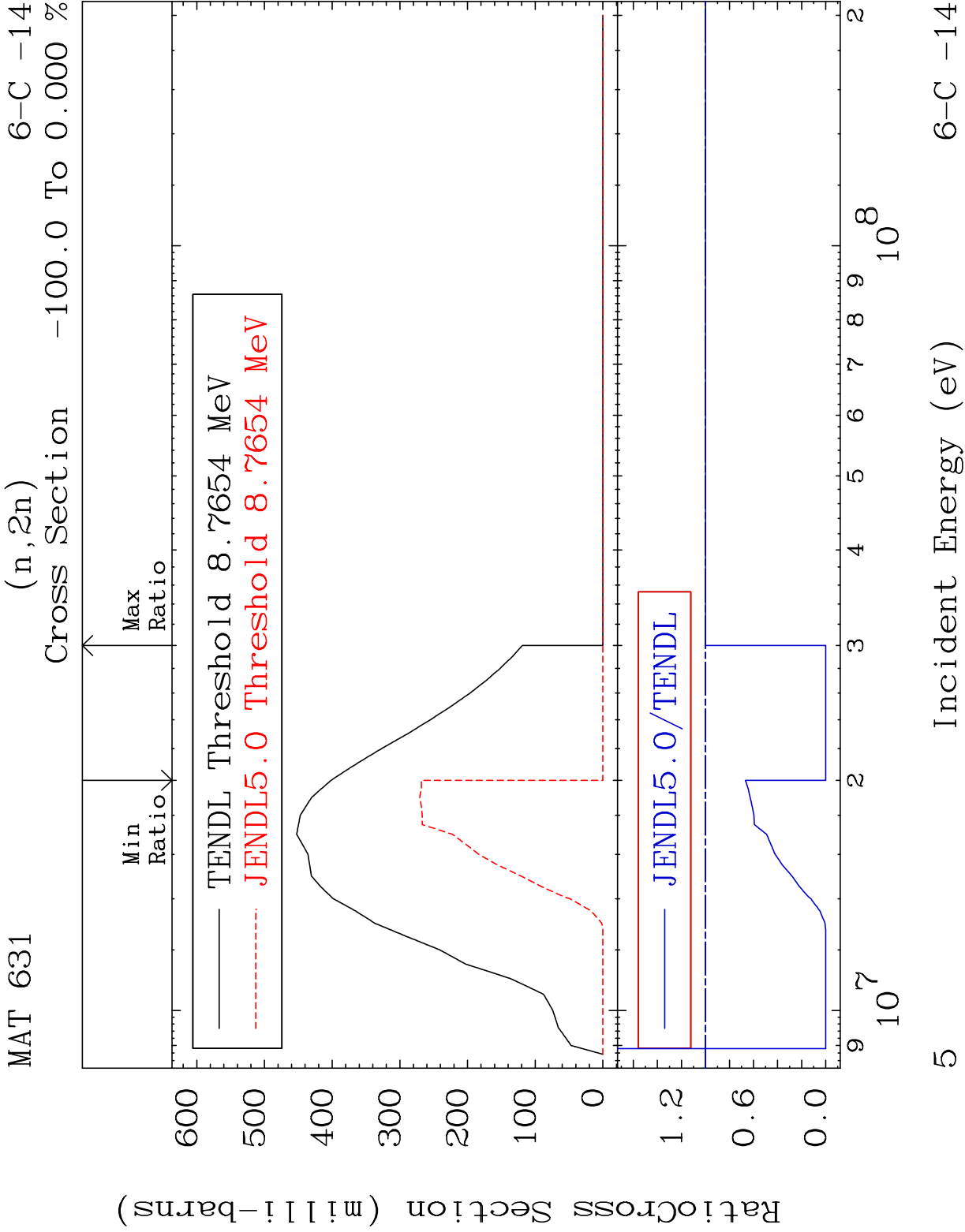


3 3 Incident Energy (eV) 6-C -14

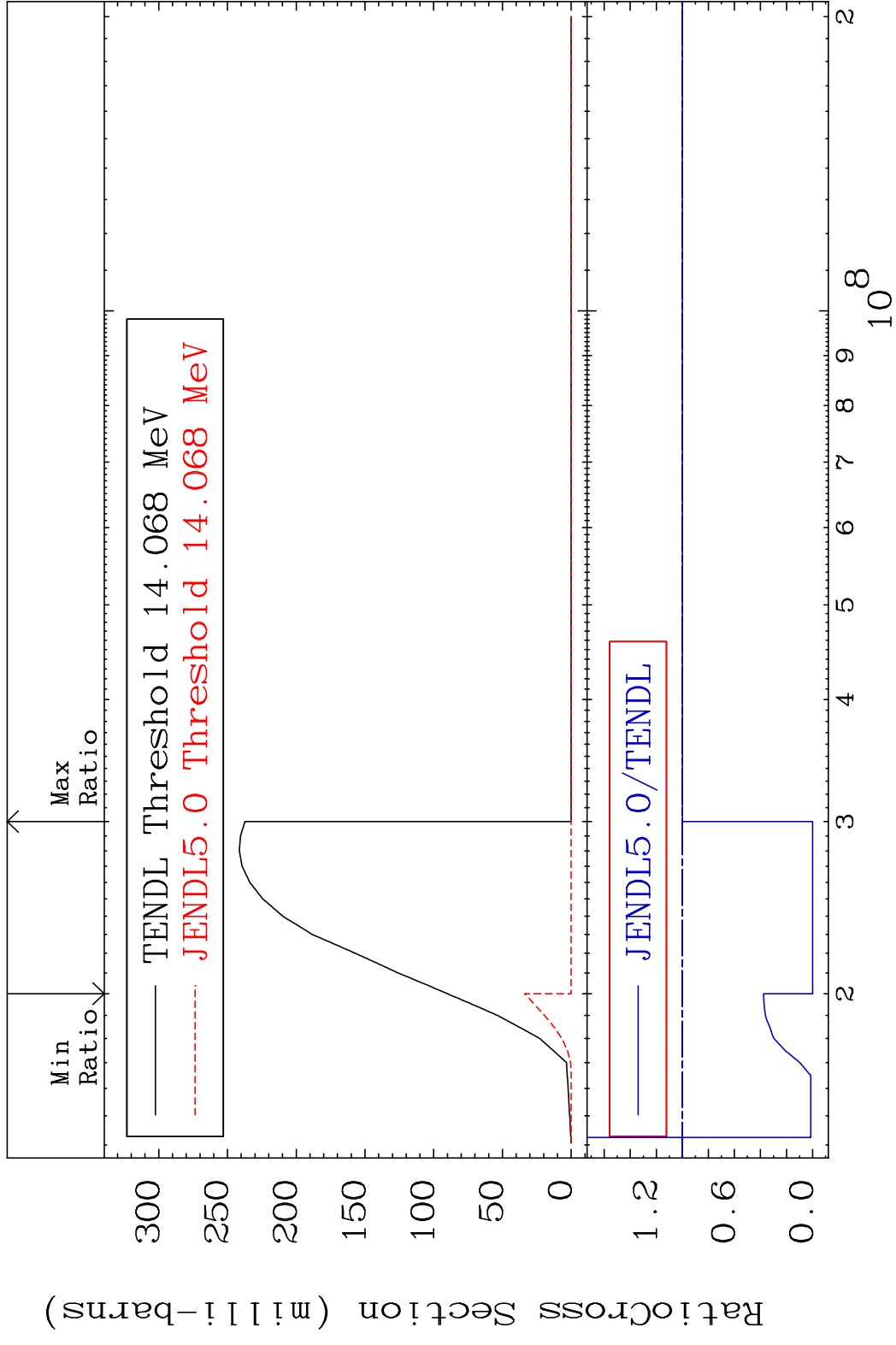
MAT 631 (n, remainder) 6-C -14
 Cross Section -13.99 To 13.42 %



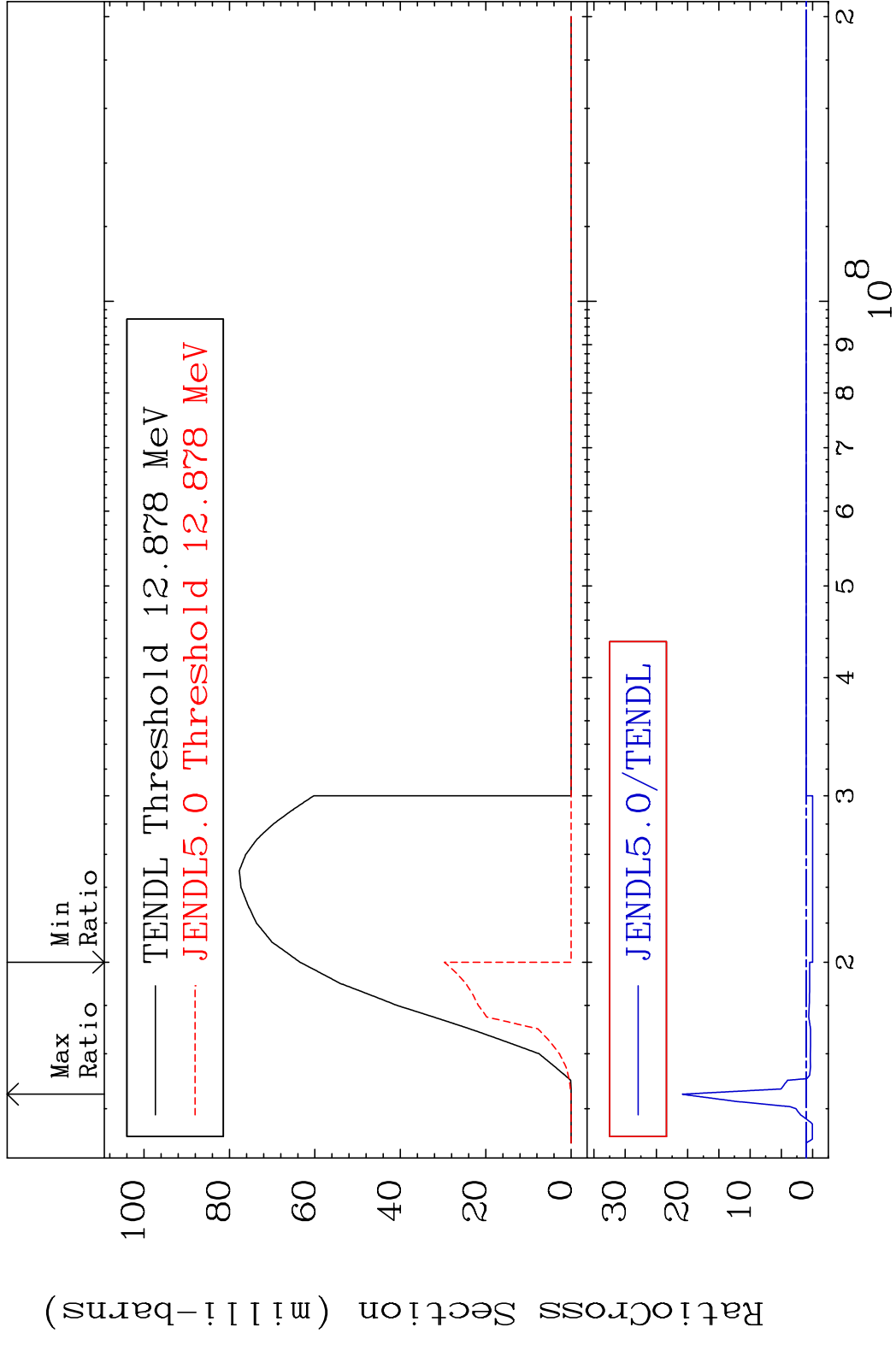
4 Incident Energy (eV) 6-C -14



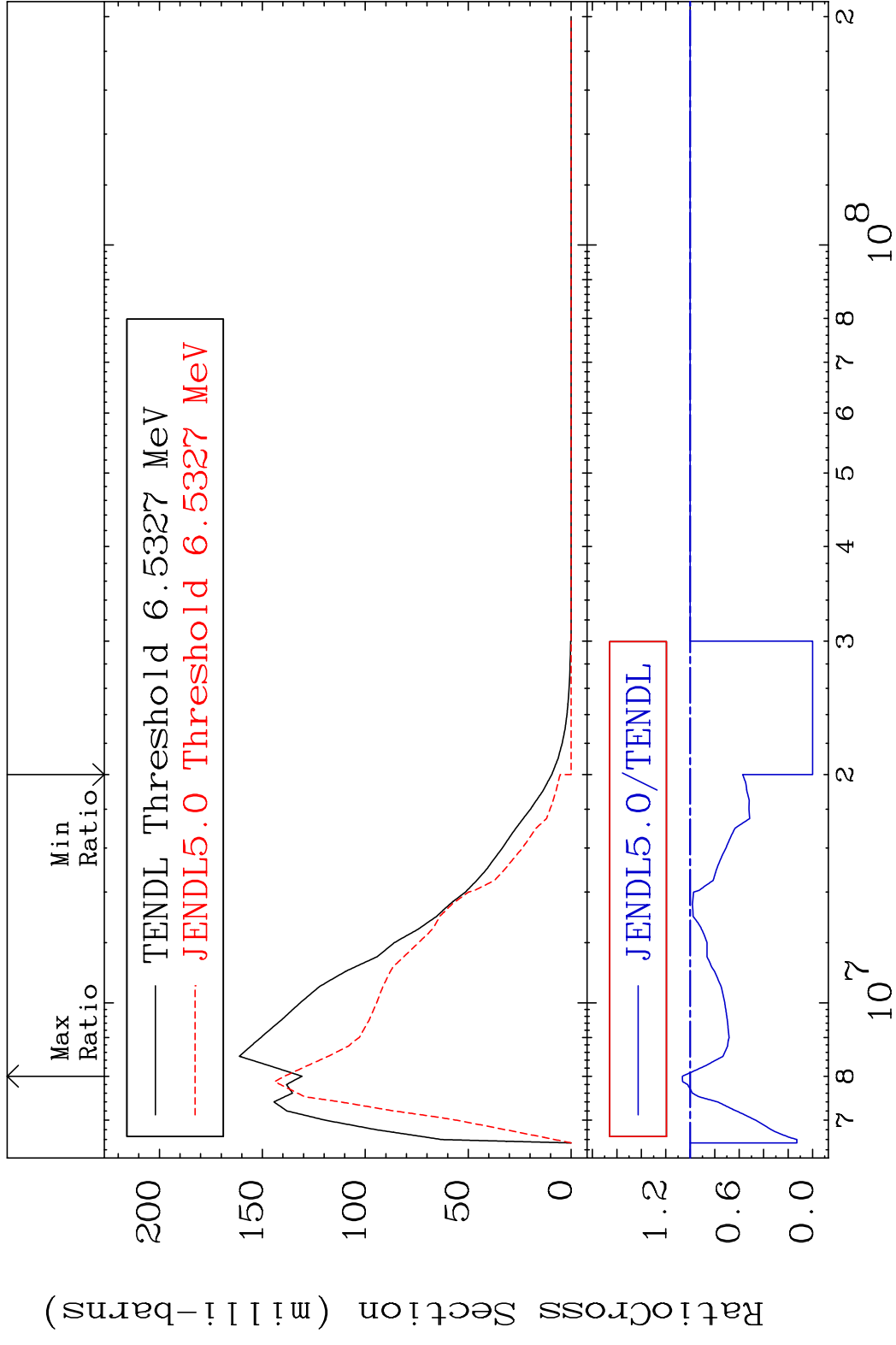
MAT 631 (n,3n) 6-C -14
 Cross Section -100.0 To 0.000 %



MAT 631 (n, n') α 6-C -14
 Cross Section -100.0 To 1985. %

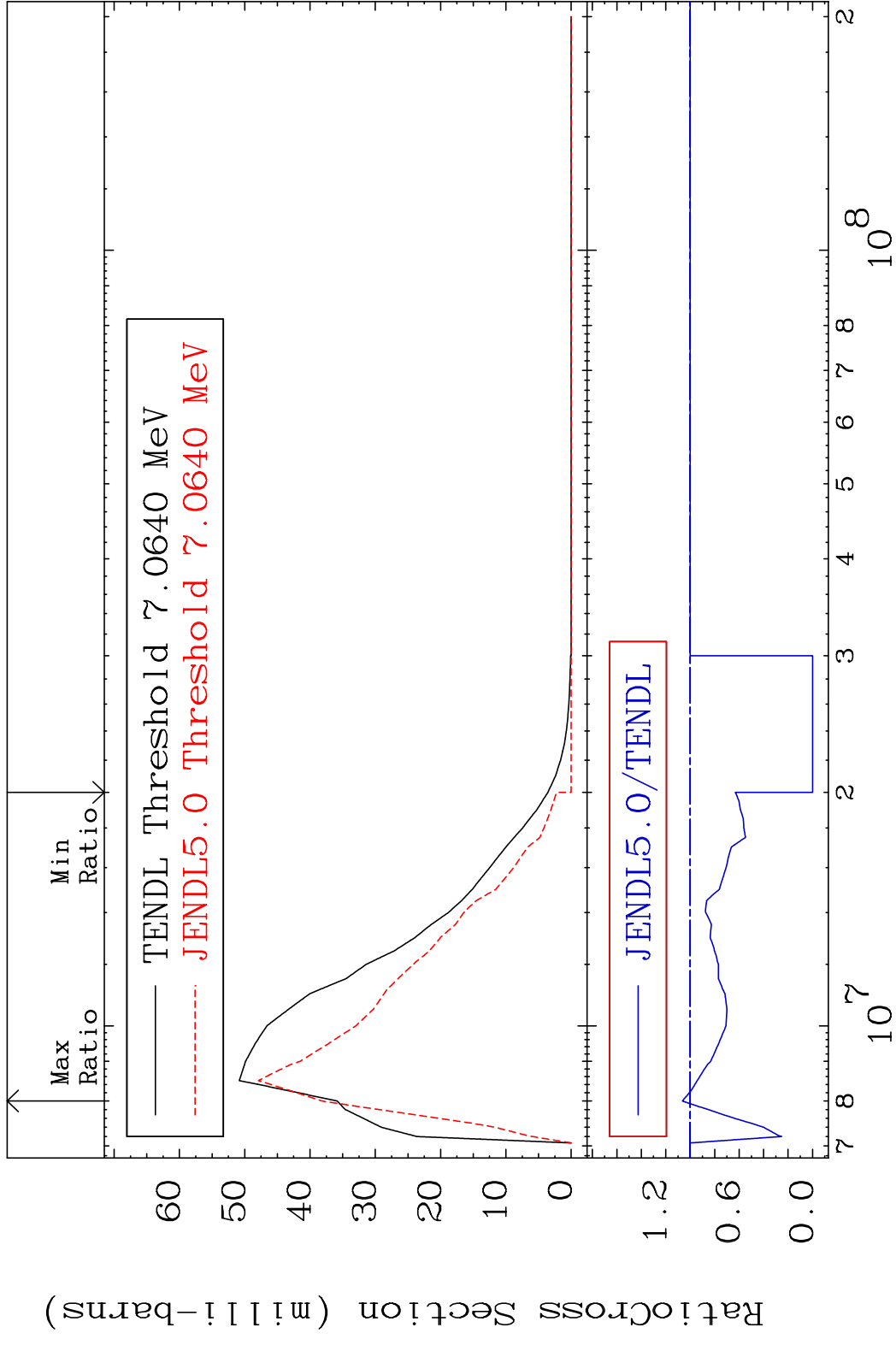


MAT 631 MT= 51 (n, n') Level 6-C -14
 Cross Section -100.0 To 6.455 %



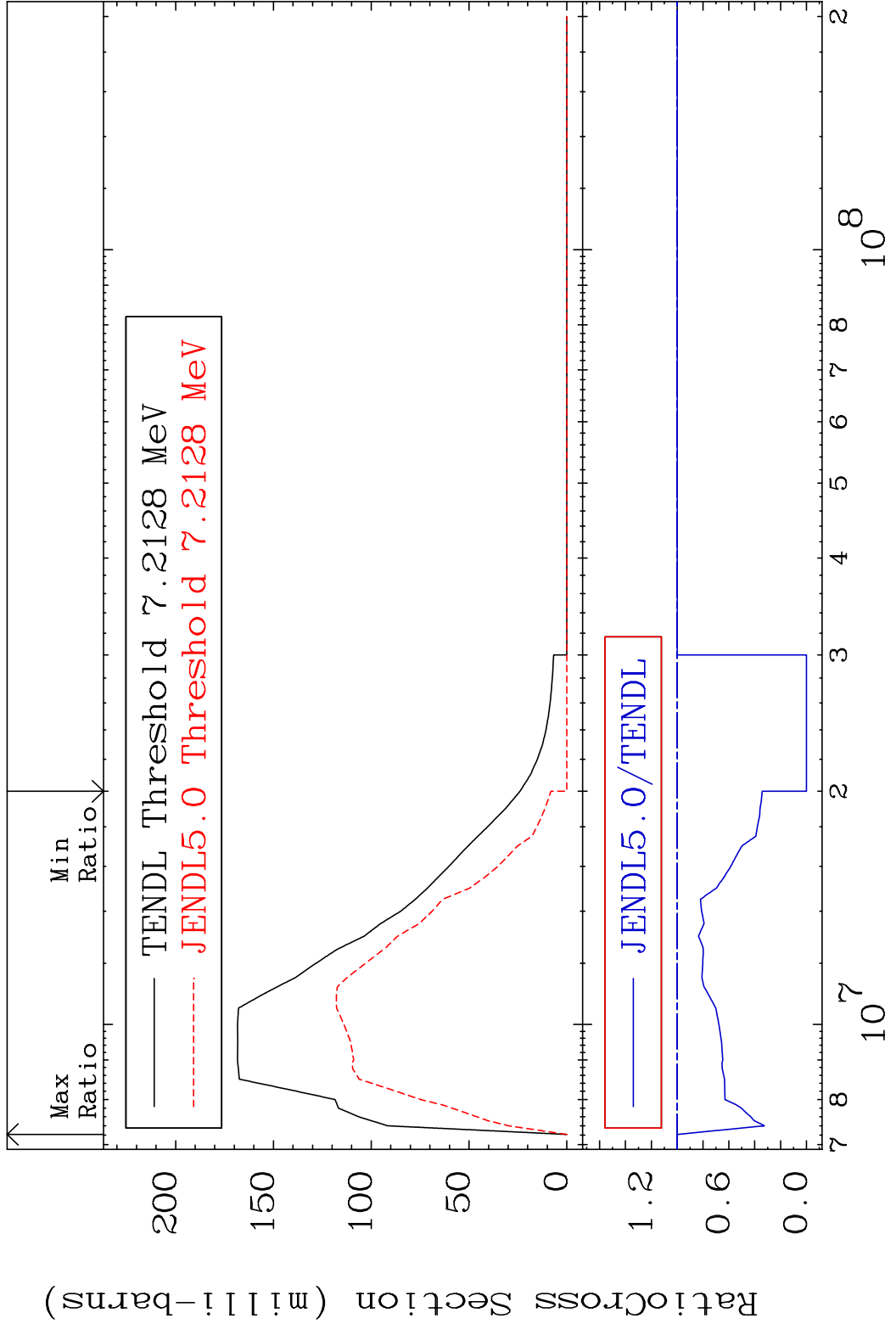
8 8 -C -14

MAT 631 MT= 52 (n,n') Level 6-C -14
 Cross Section -100.0 To 6.436 %



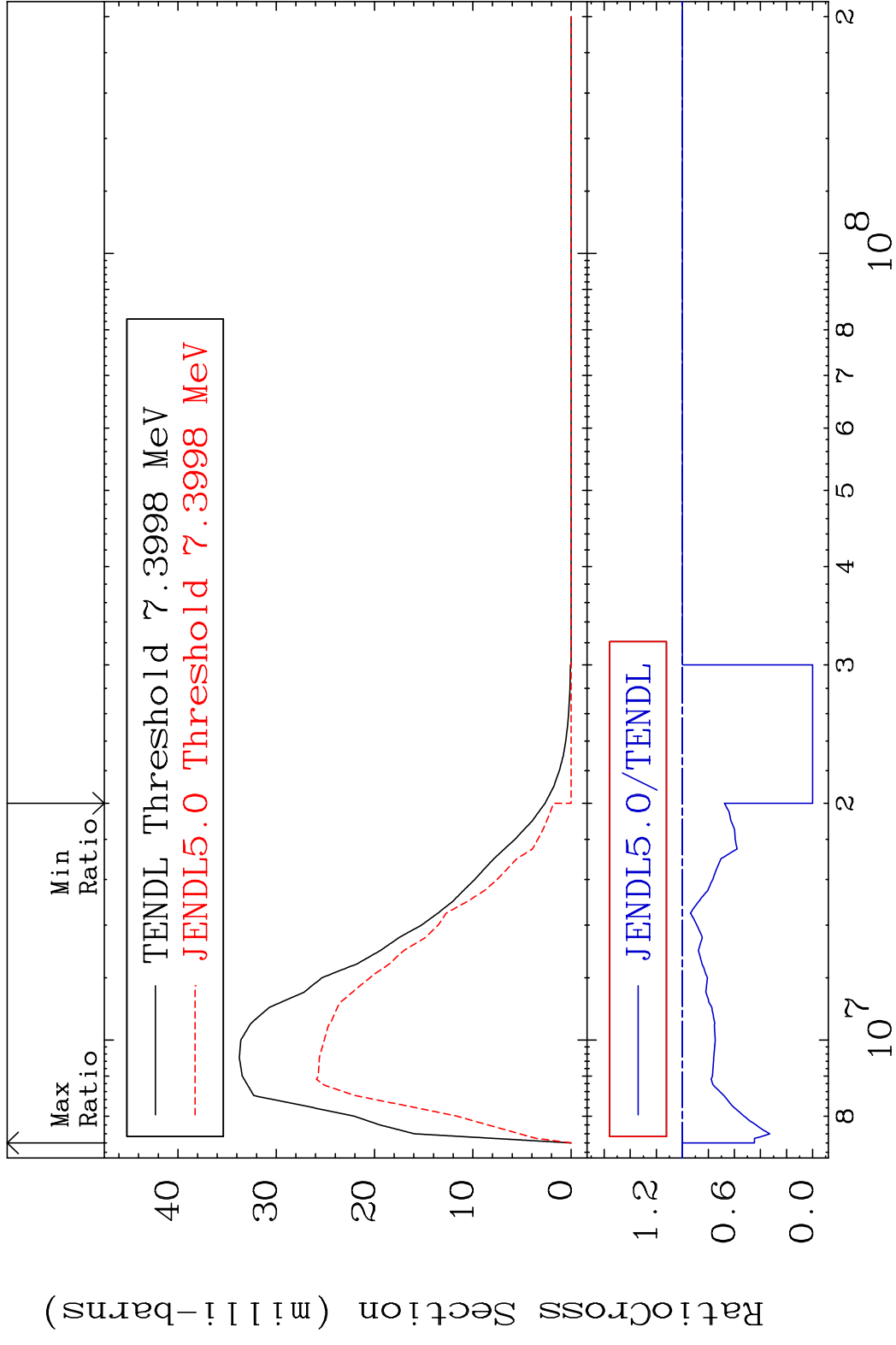
9 Incident Energy (eV) 6-C -14

MAT 631 MT= 53 (n, n') Level 6-C -14
 Cross Section -100.0 To 0.000 %

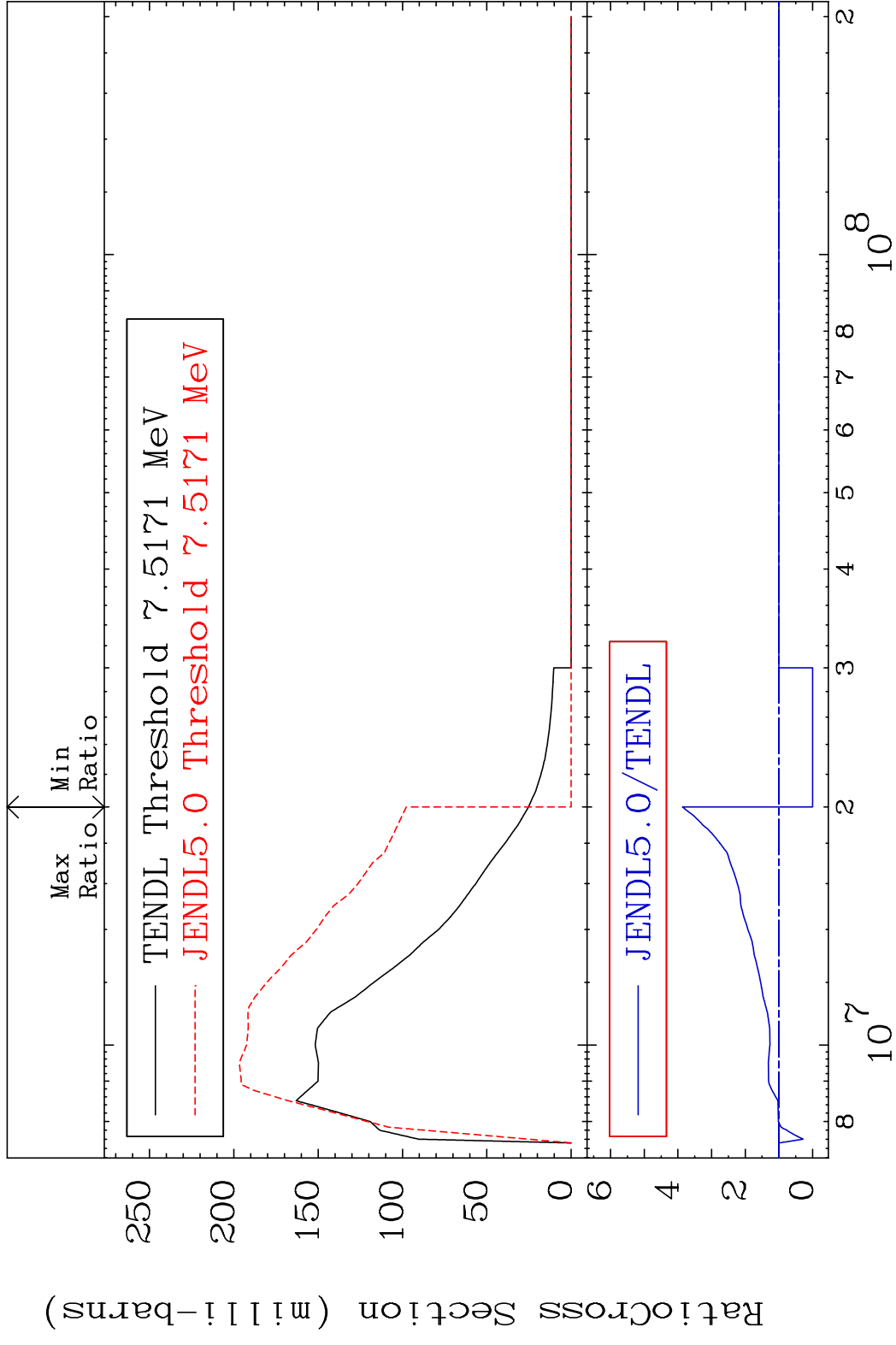


10 10⁷ 10⁸ 6-C -14

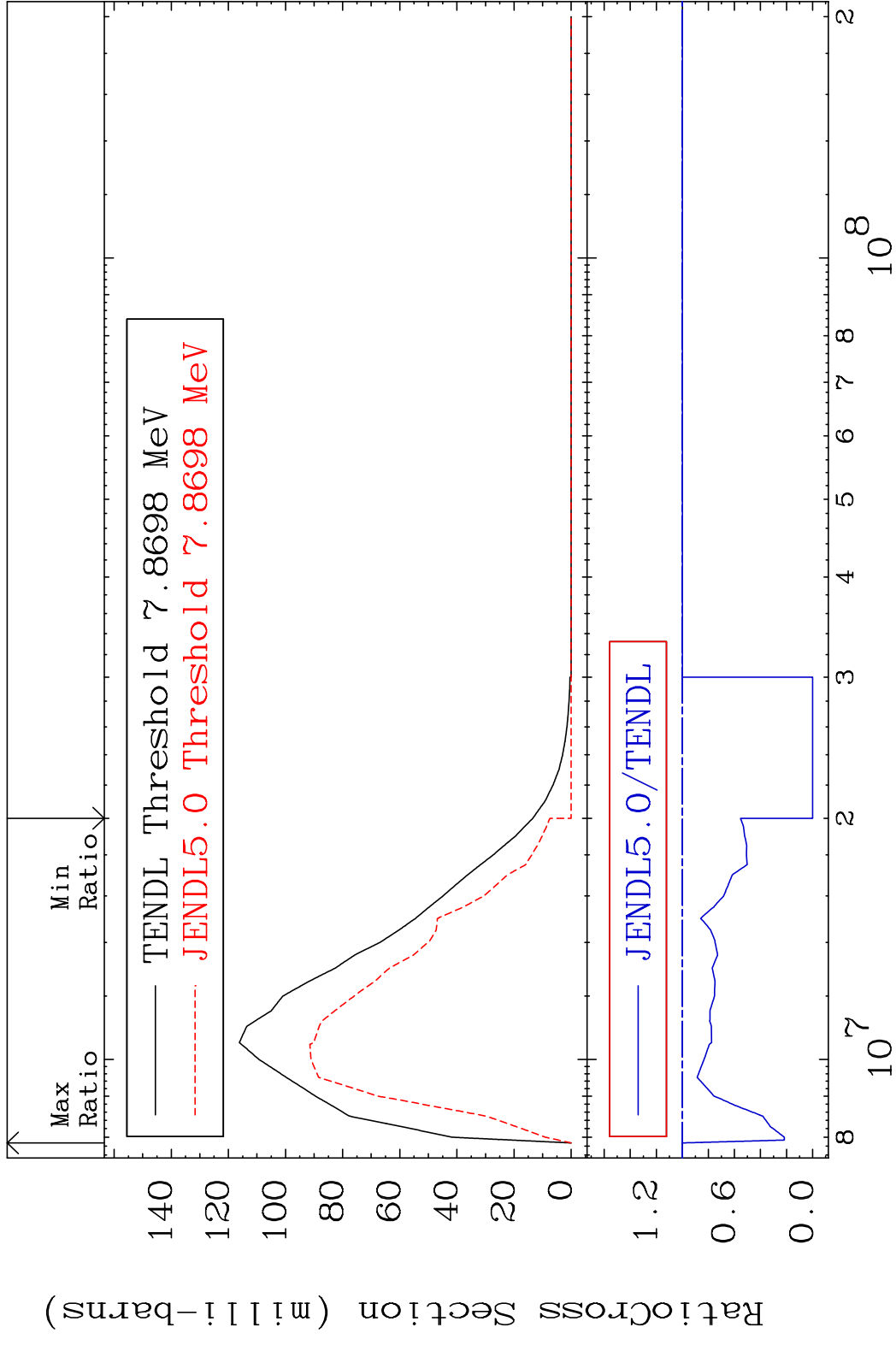
MAT 631 MT= 54 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



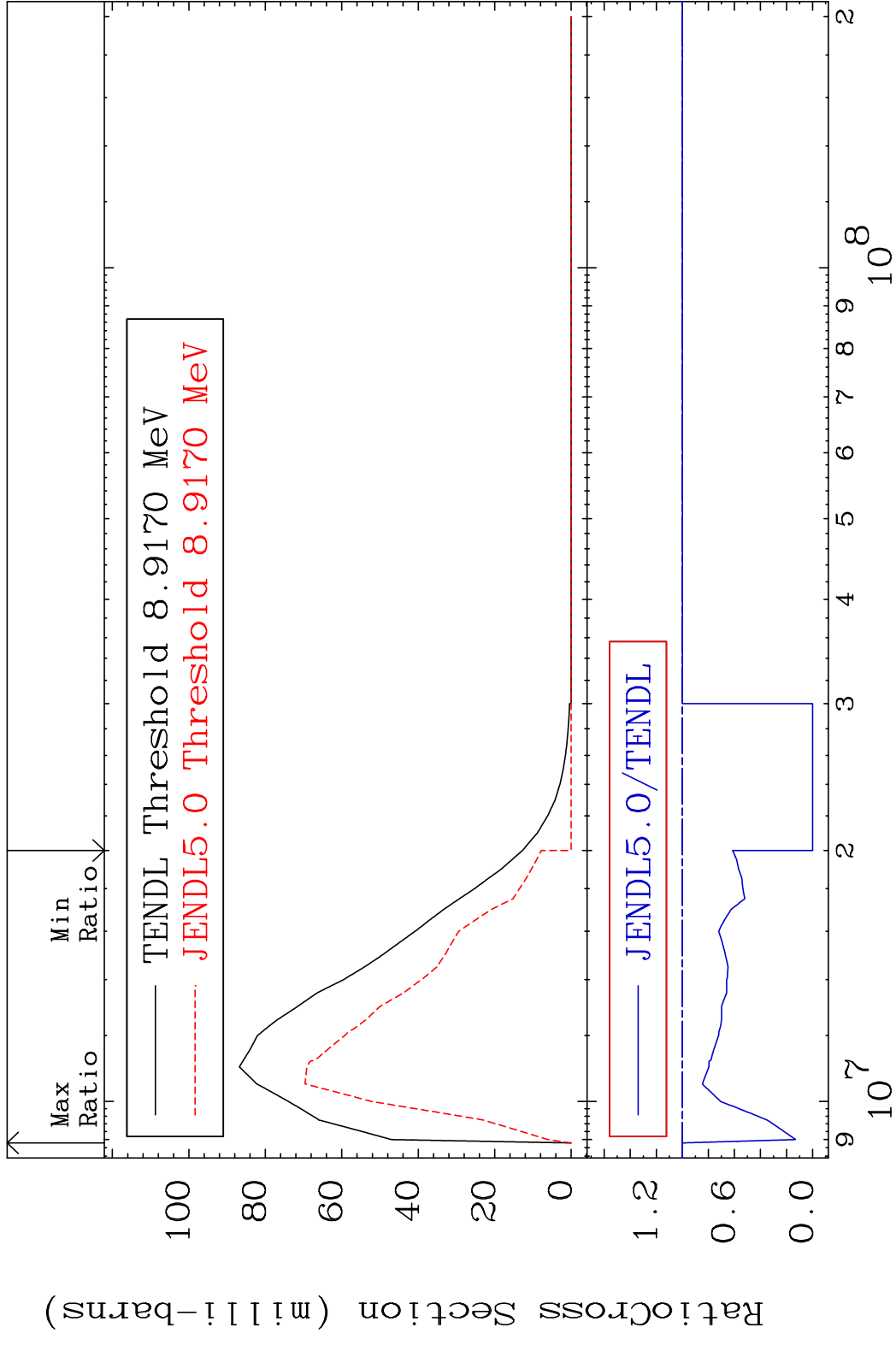
MAT 631 MT= 55 (n, n') Level 6-C -14
 Cross Section -100.0 To 286.8 %



MAT 631 MT= 56 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %

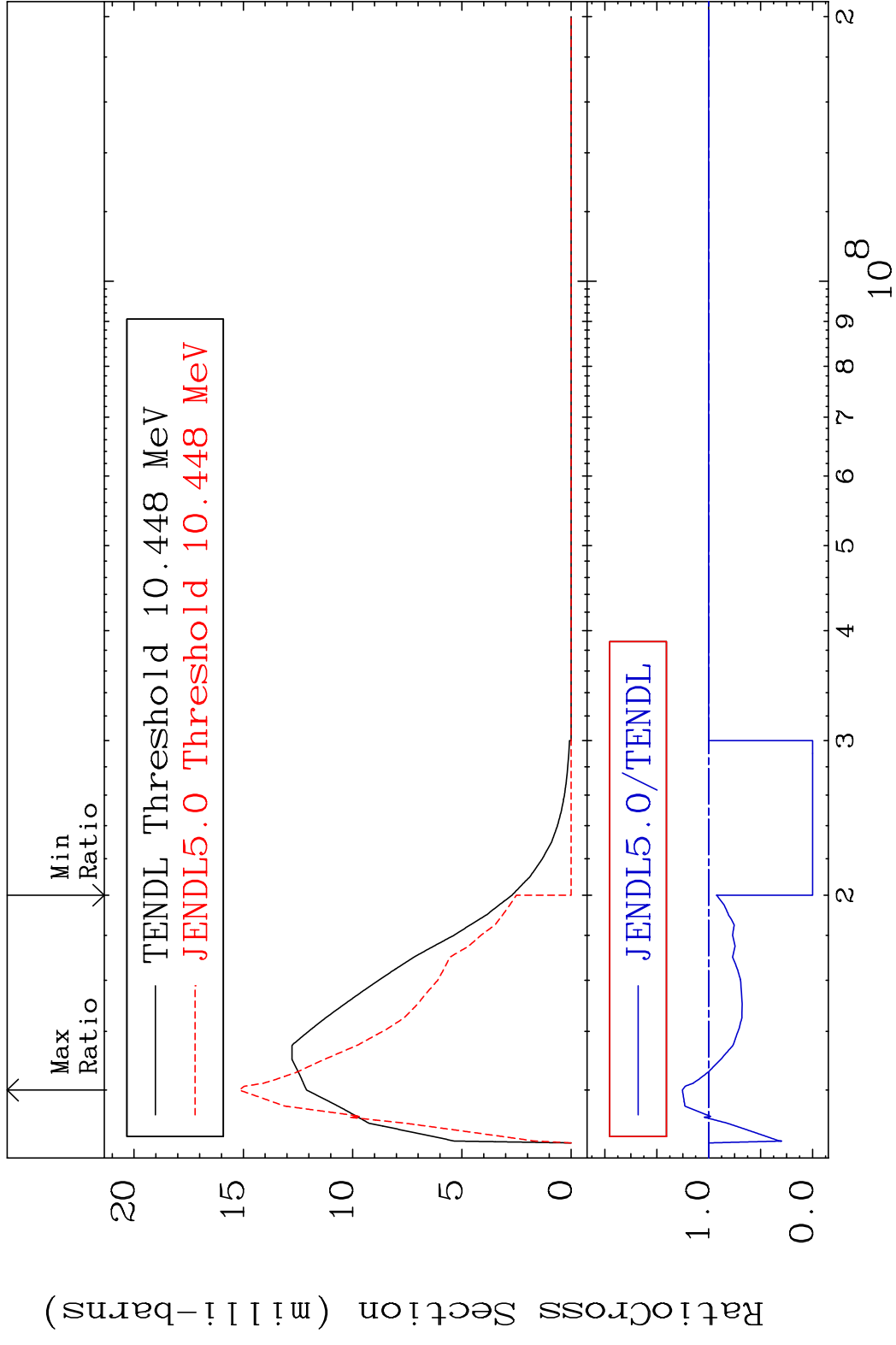


MAT 631 MT= 57 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %

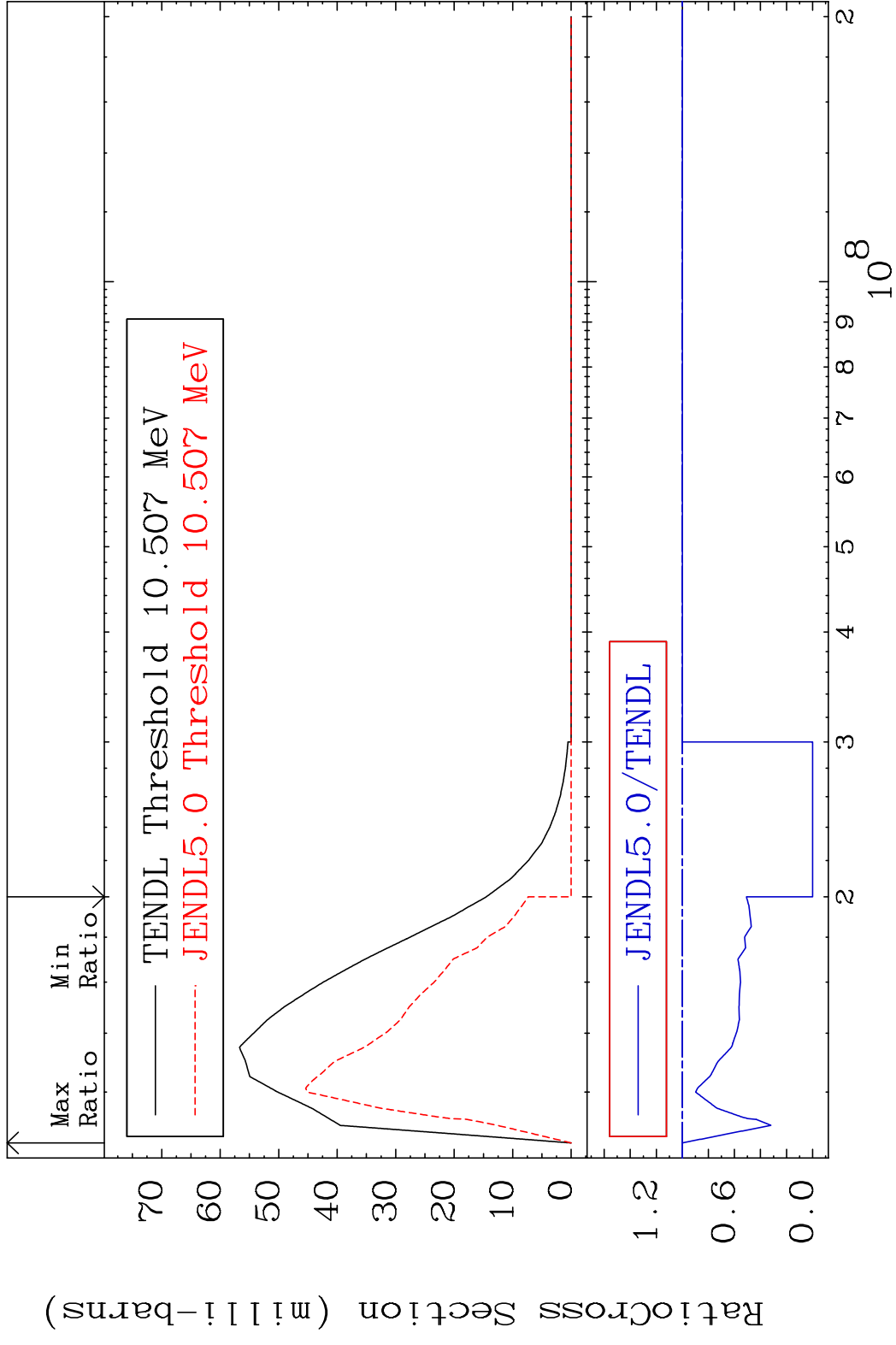


14 14 Incident Energy (eV) 6-C -14

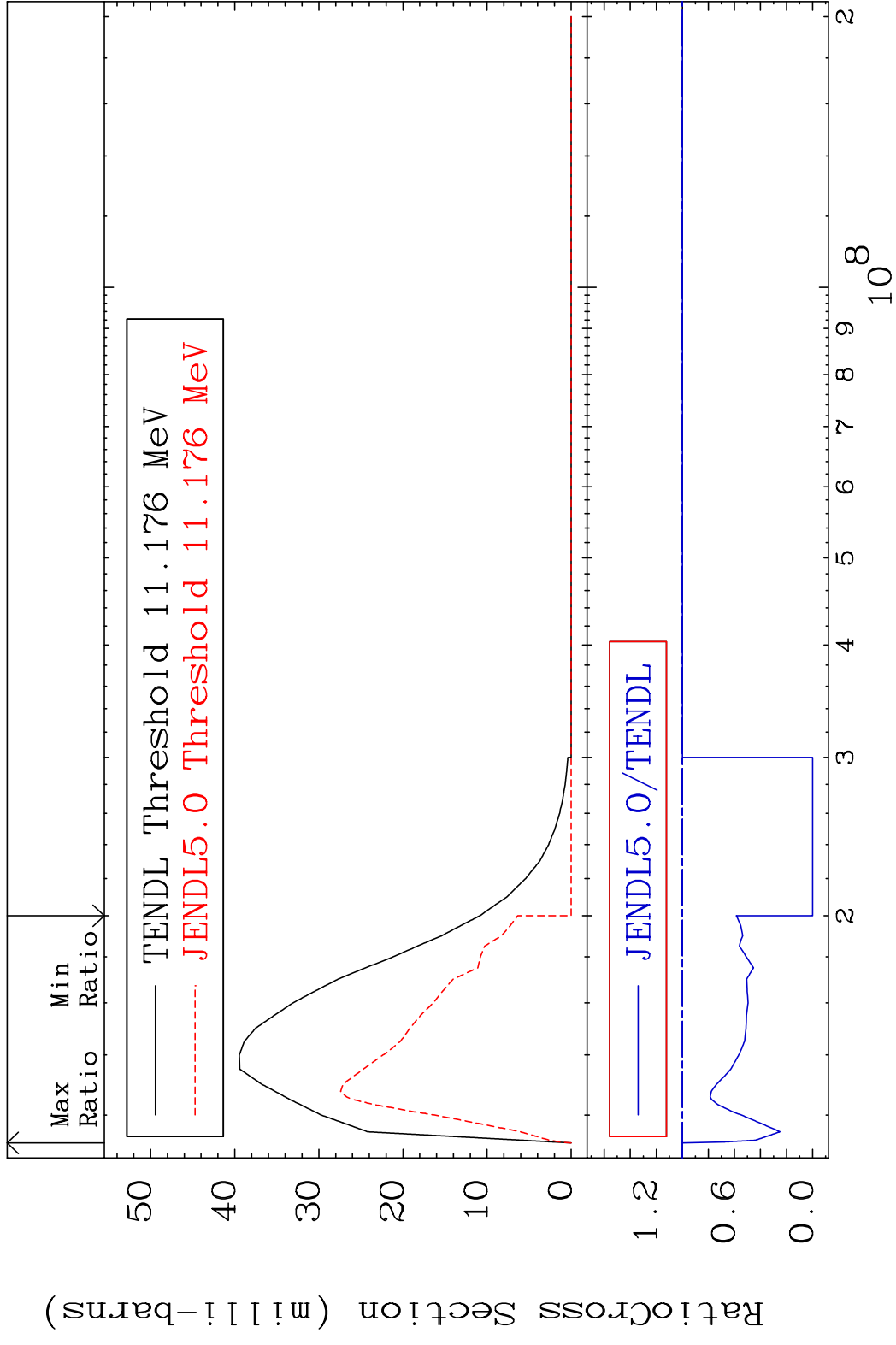
MAT 631 MT= 58 (n, n') Level 6-C -14
 Cross Section -100.0 To 25.38 %



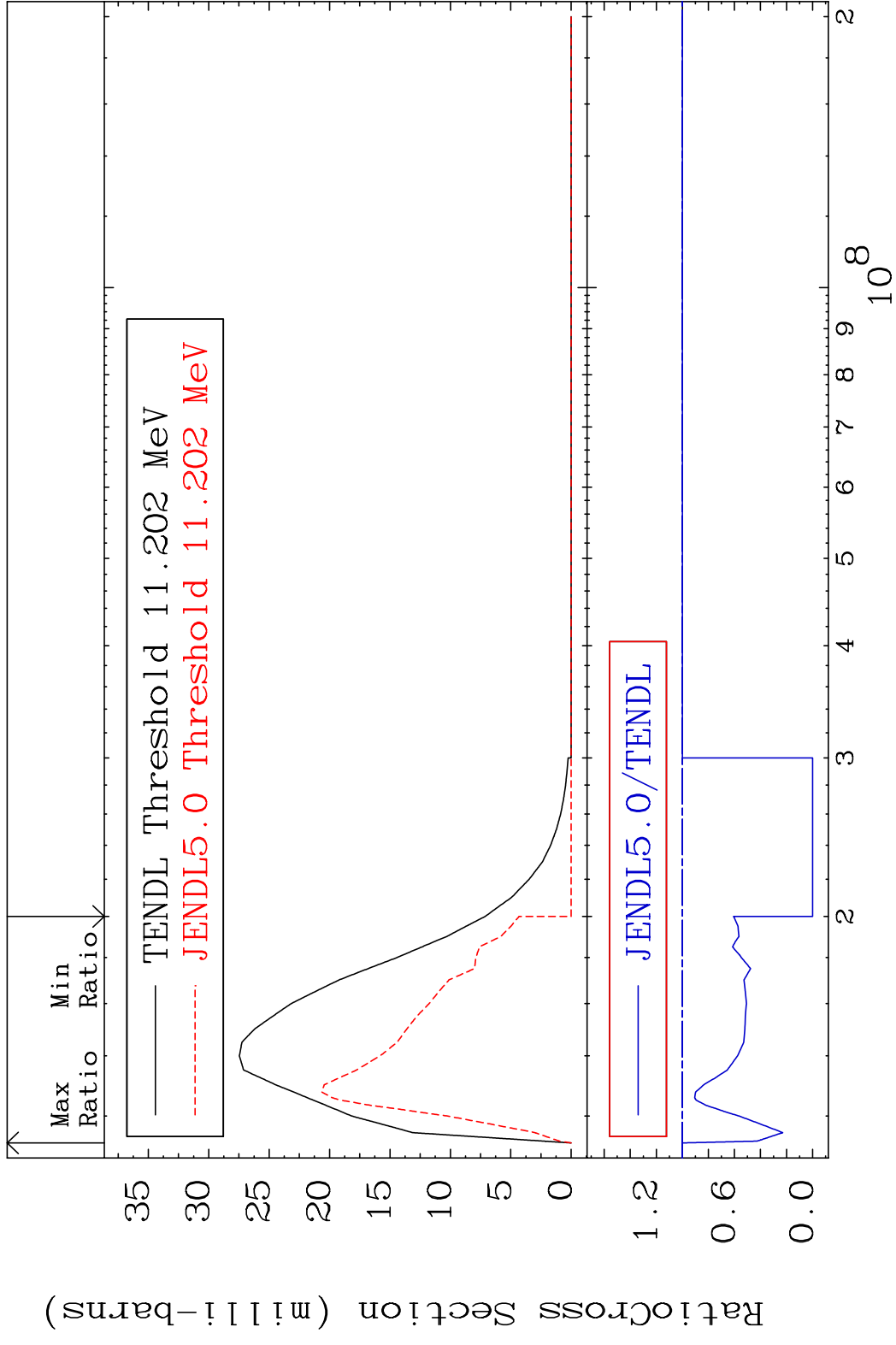
MAT 631 MT= 59 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



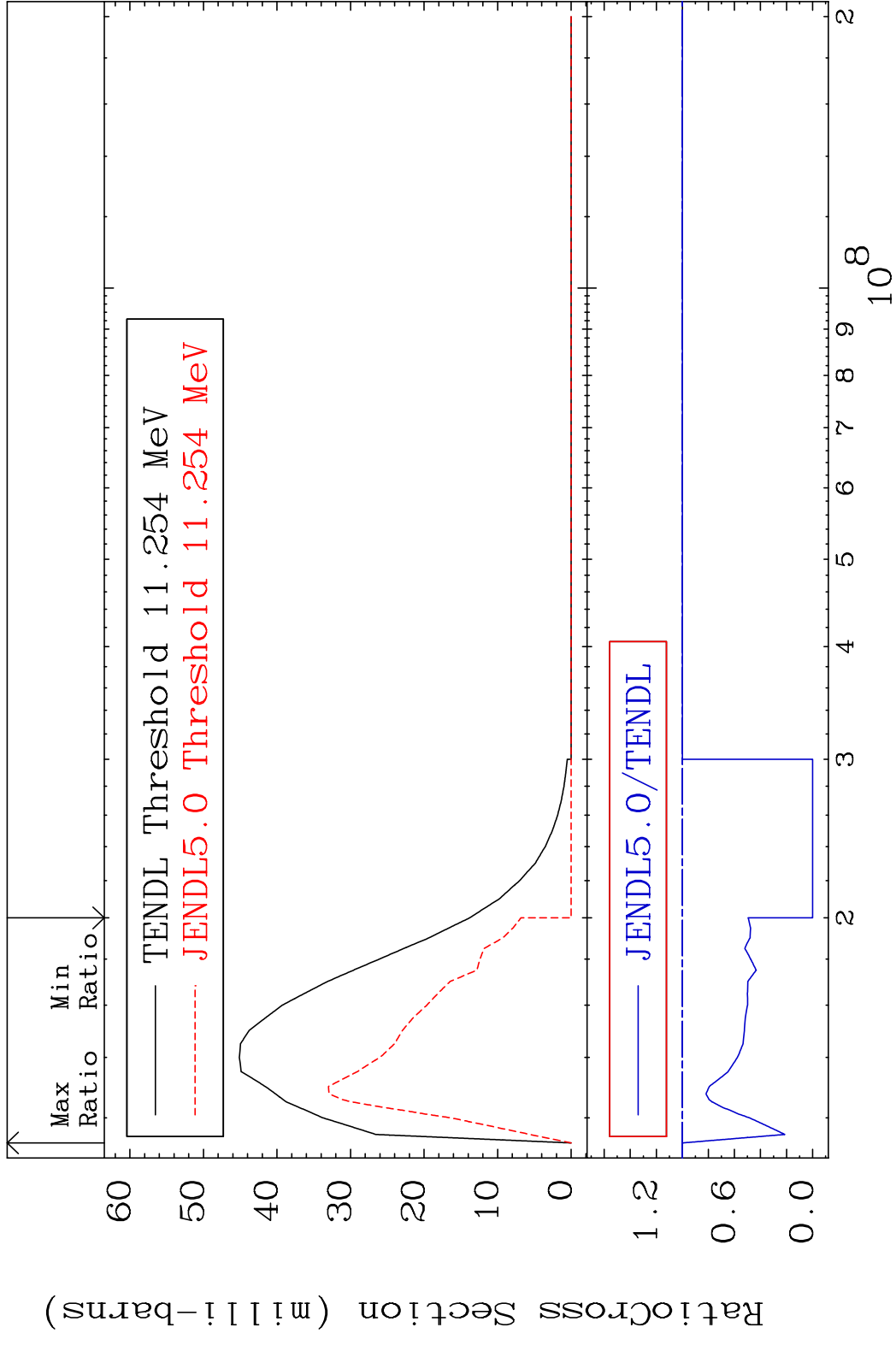
MAT 631 MT= 60 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



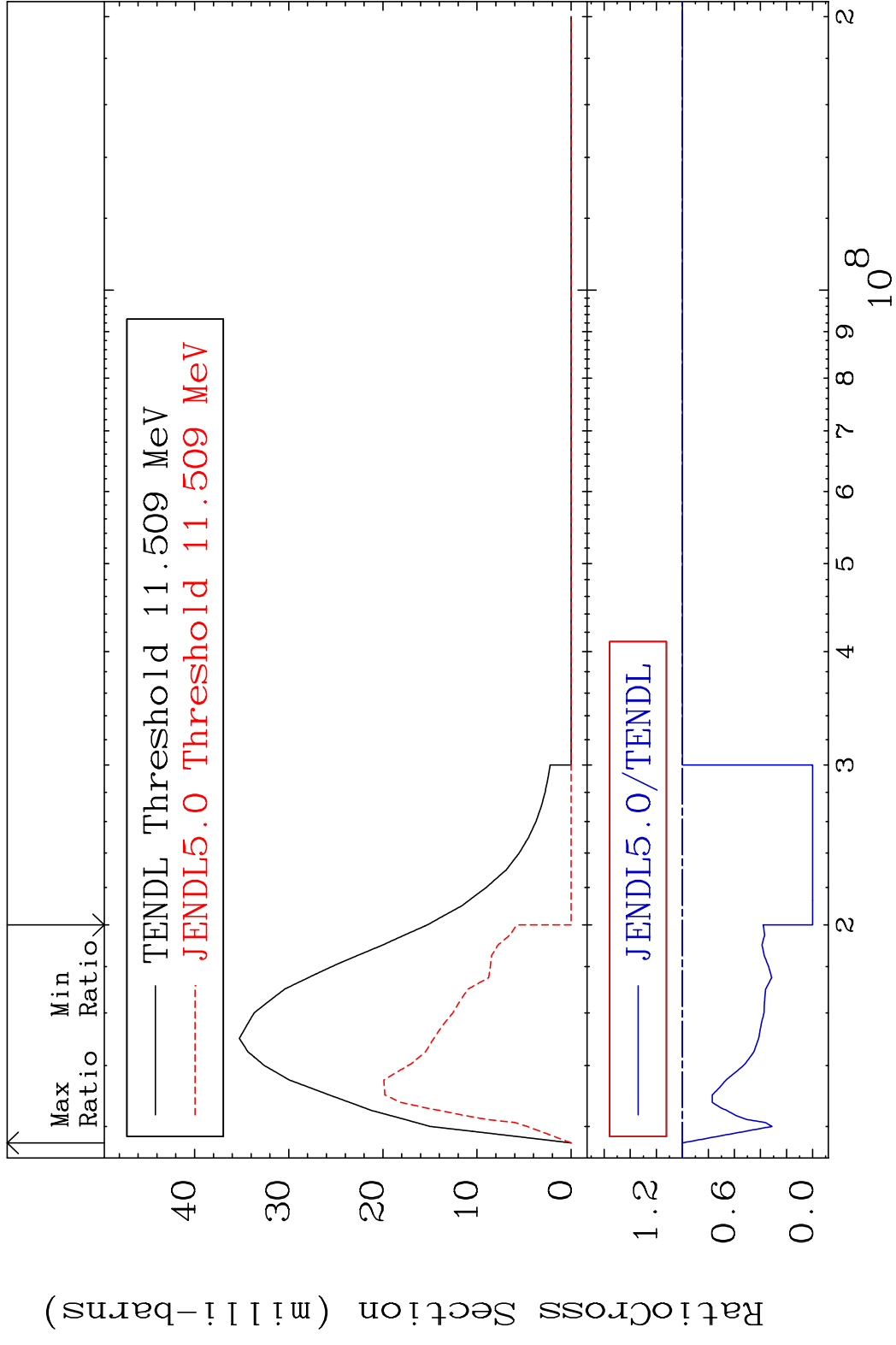
MAT 631 MT= 61 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



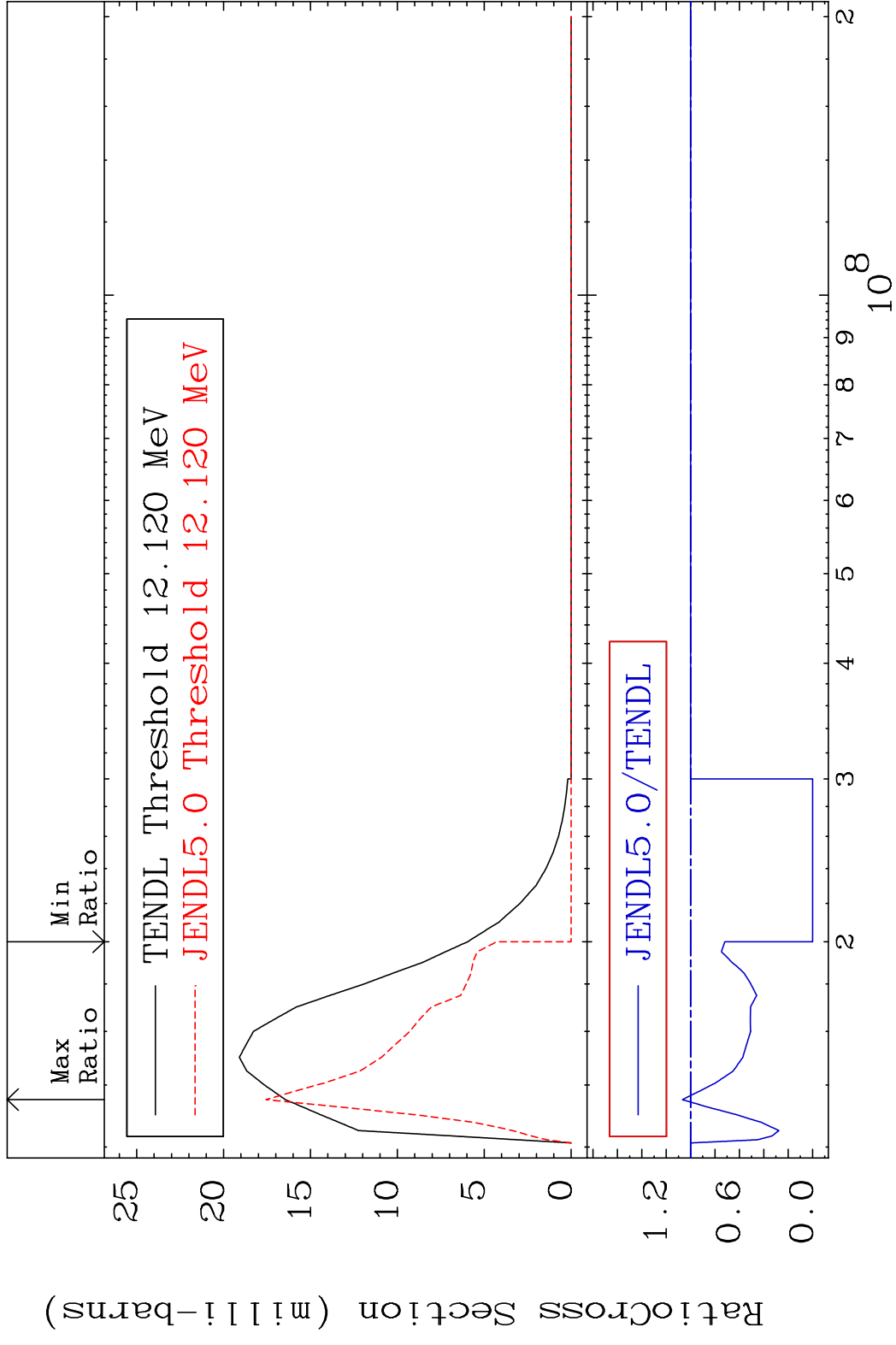
MAT 631 MT= 62 (n, n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



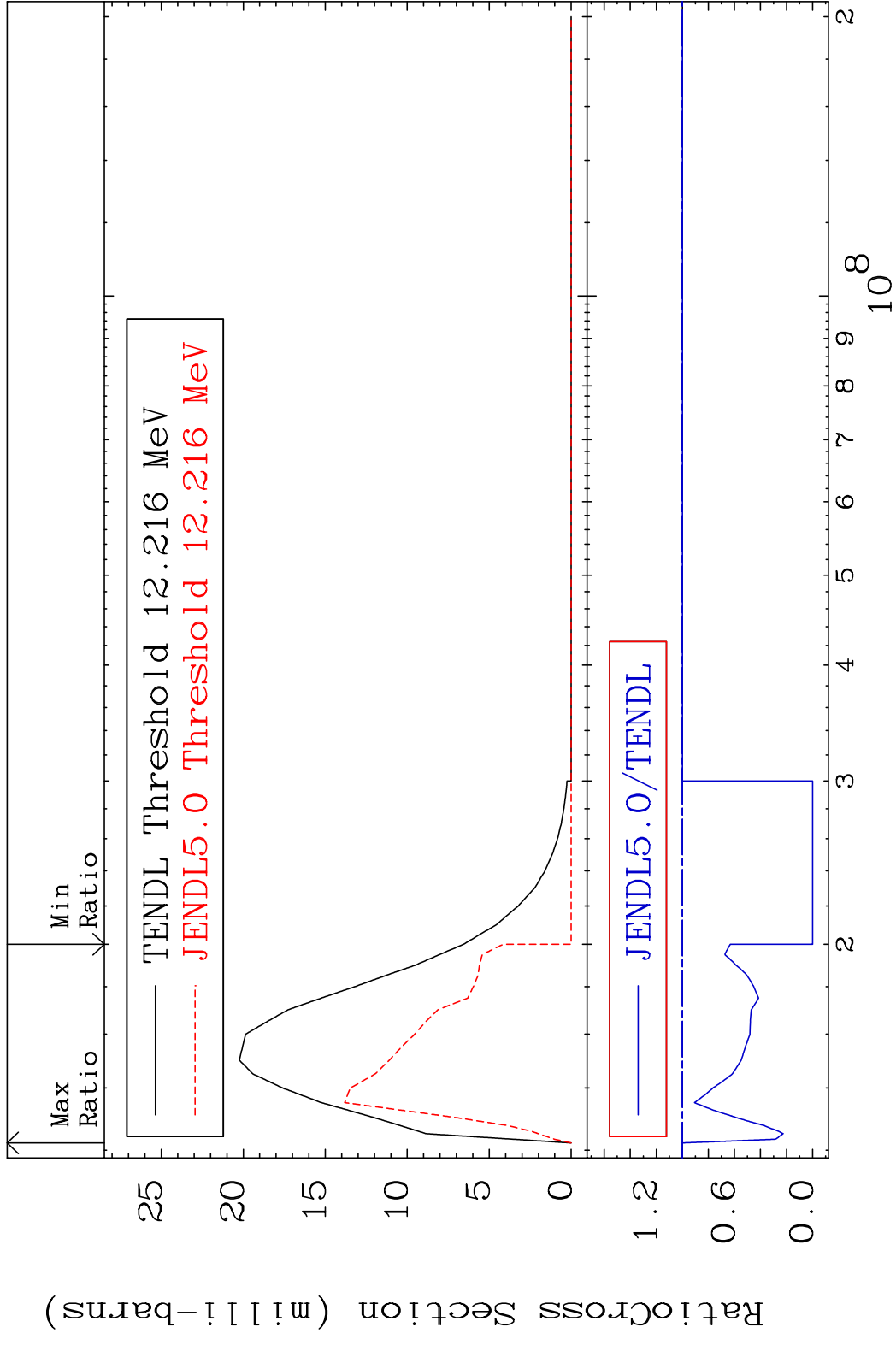
MAT 631 MT= 63 (n, n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



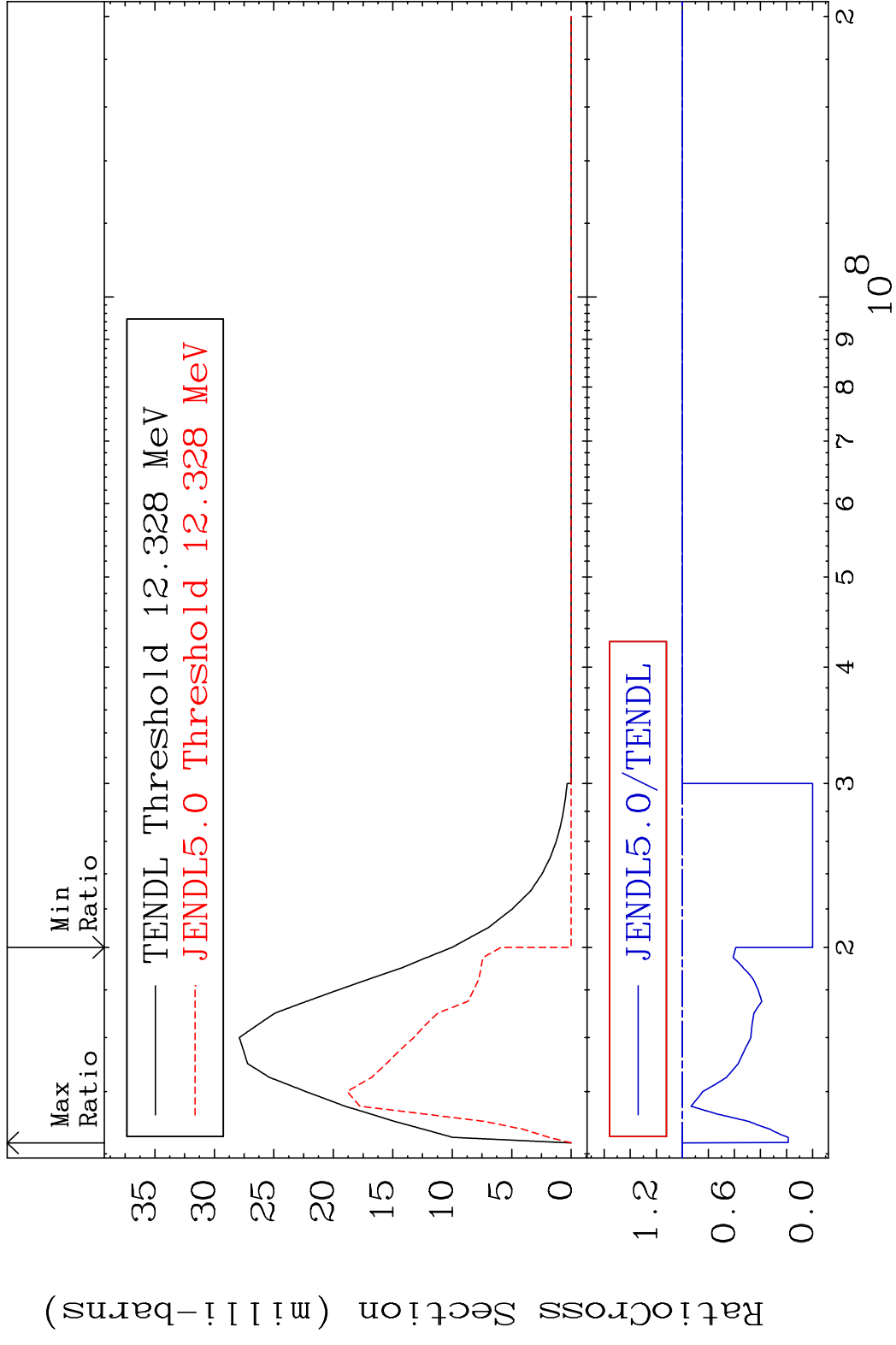
MAT 631 MT= 64 (n,n') Level 6-C -14
 Cross Section -100.0 To 6.758 %



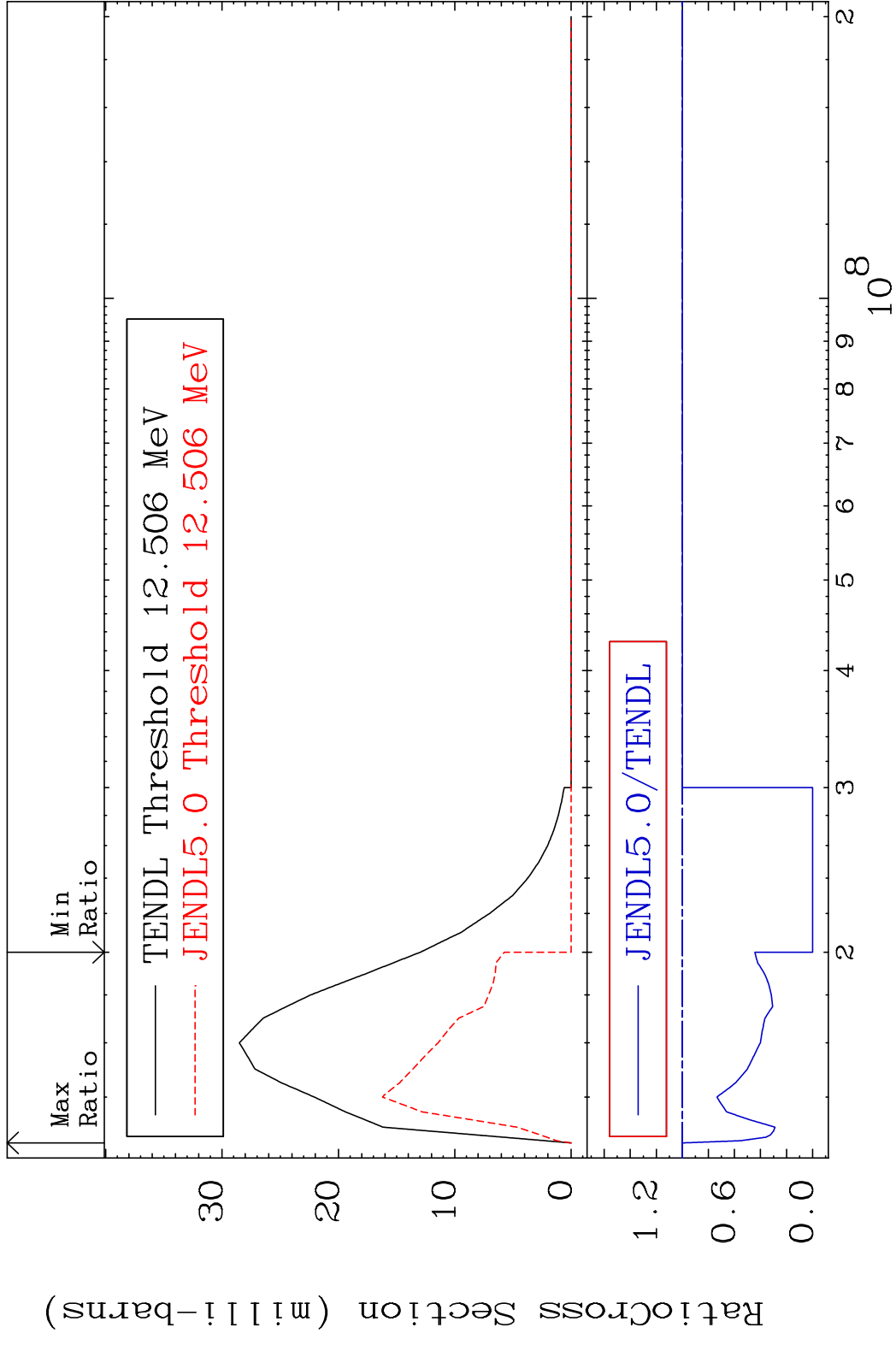
MAT 631 MT= 65 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



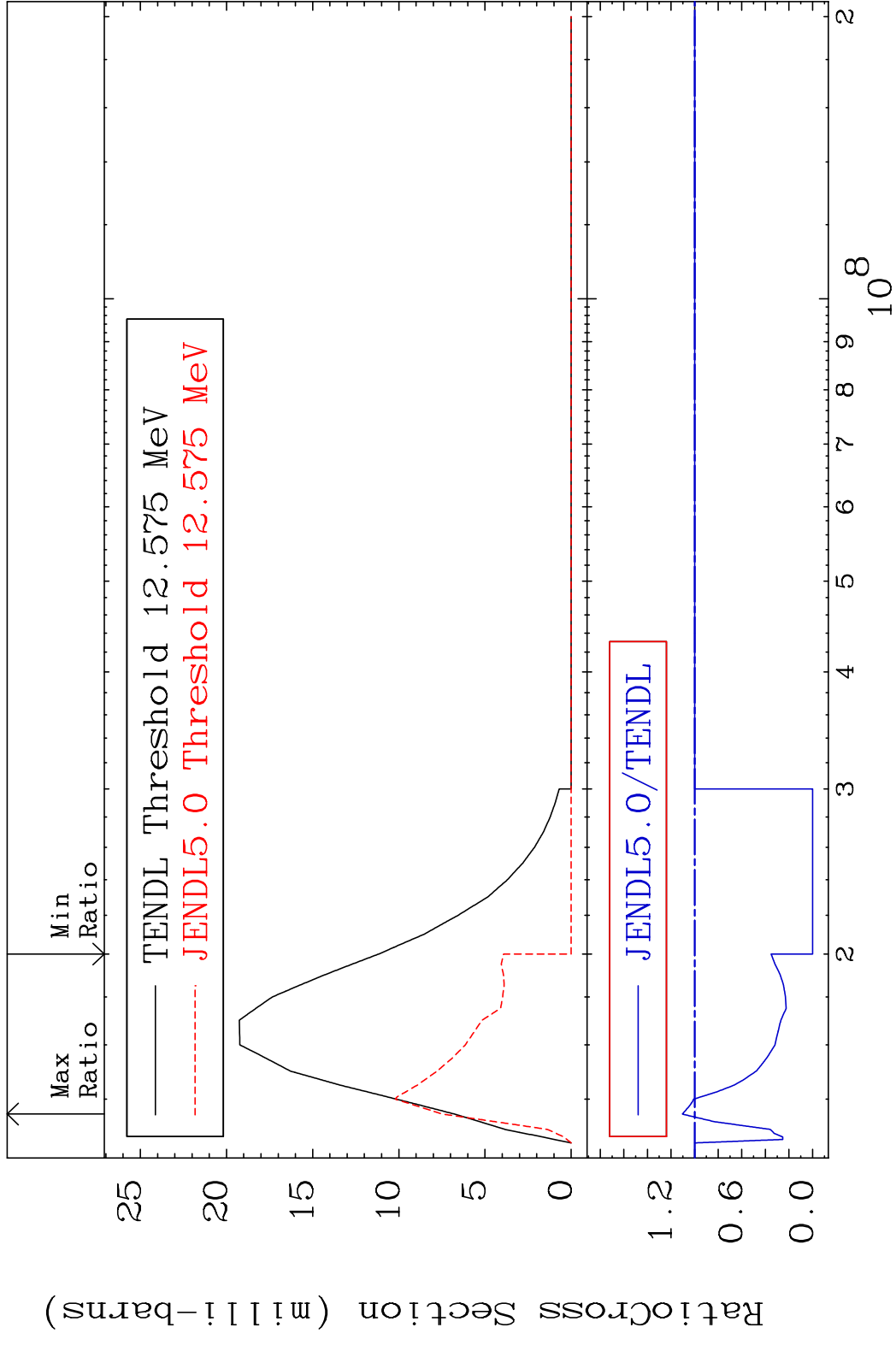
MAT 631 MT= 66 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



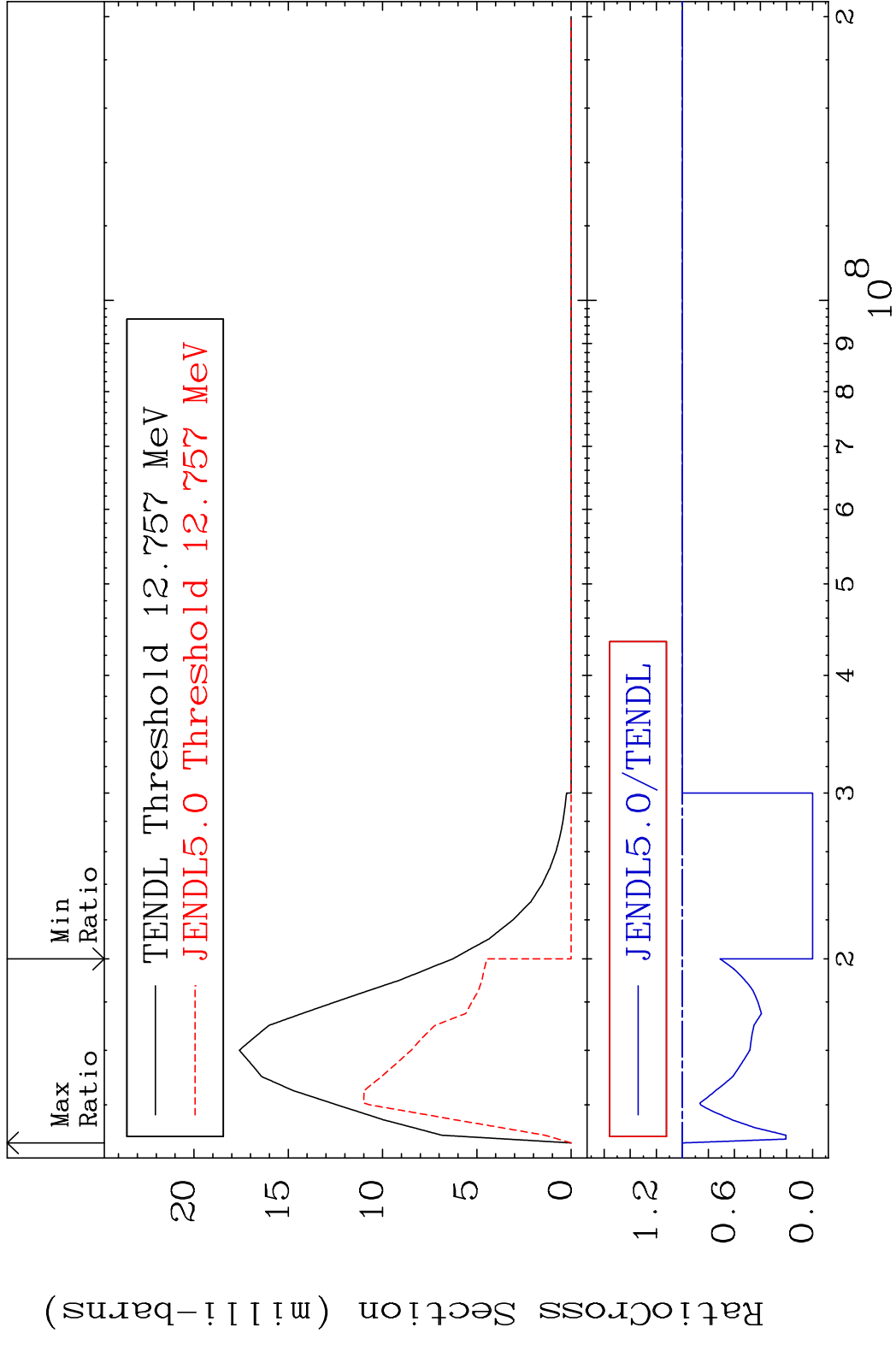
MAT 631 MT= 67 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



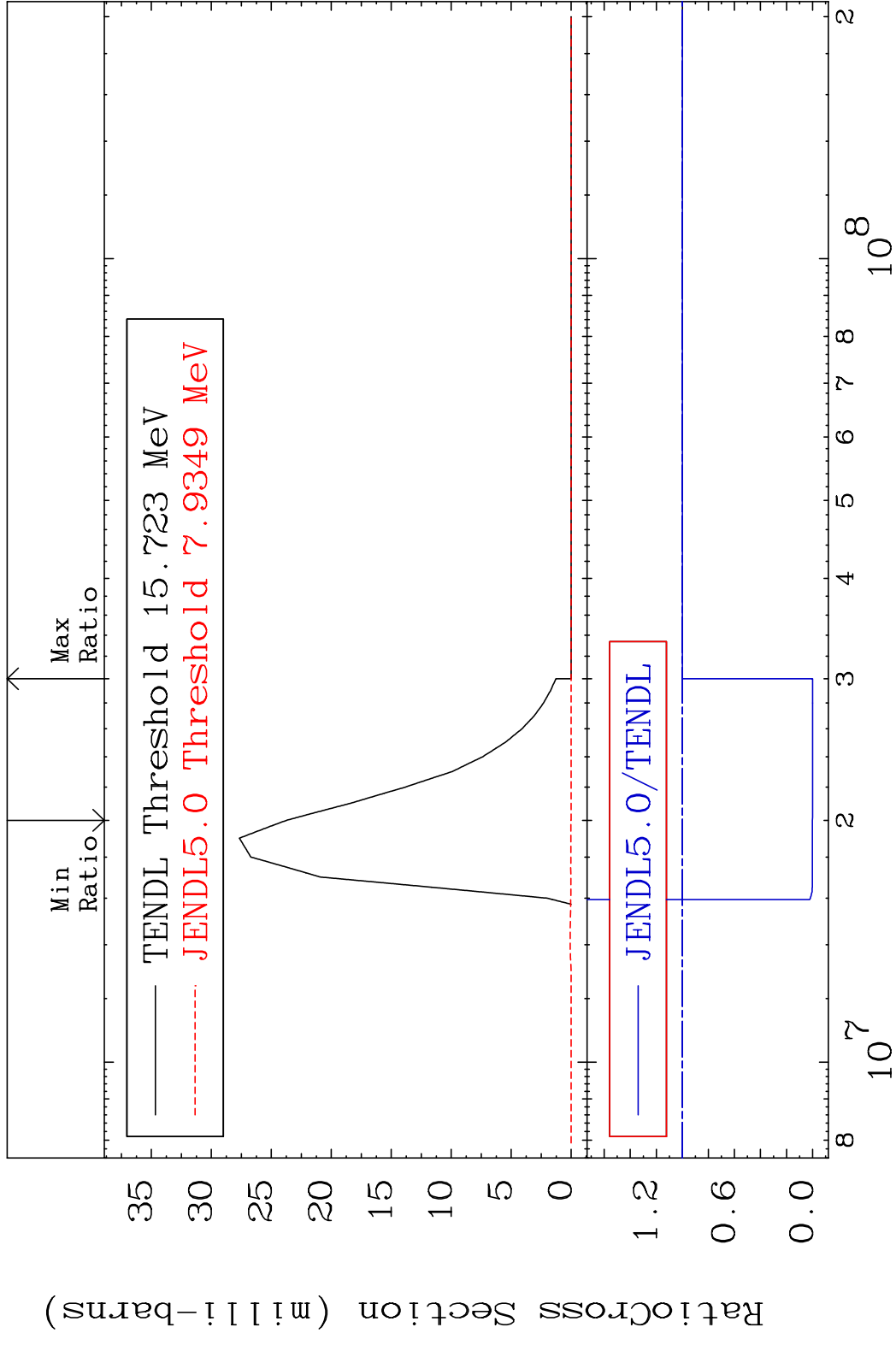
MAT 631 MT= 68 (n,n') Level 6-C -14
 Cross Section -100.0 To 10.39 %



MAT 631 MT= 69 (n,n') Level 6-C -14
 Cross Section -100.0 To 0.000 %



MAT 631 (n, n') Continuum 6-C -14
 Cross Section -100.0 To 0.000 %

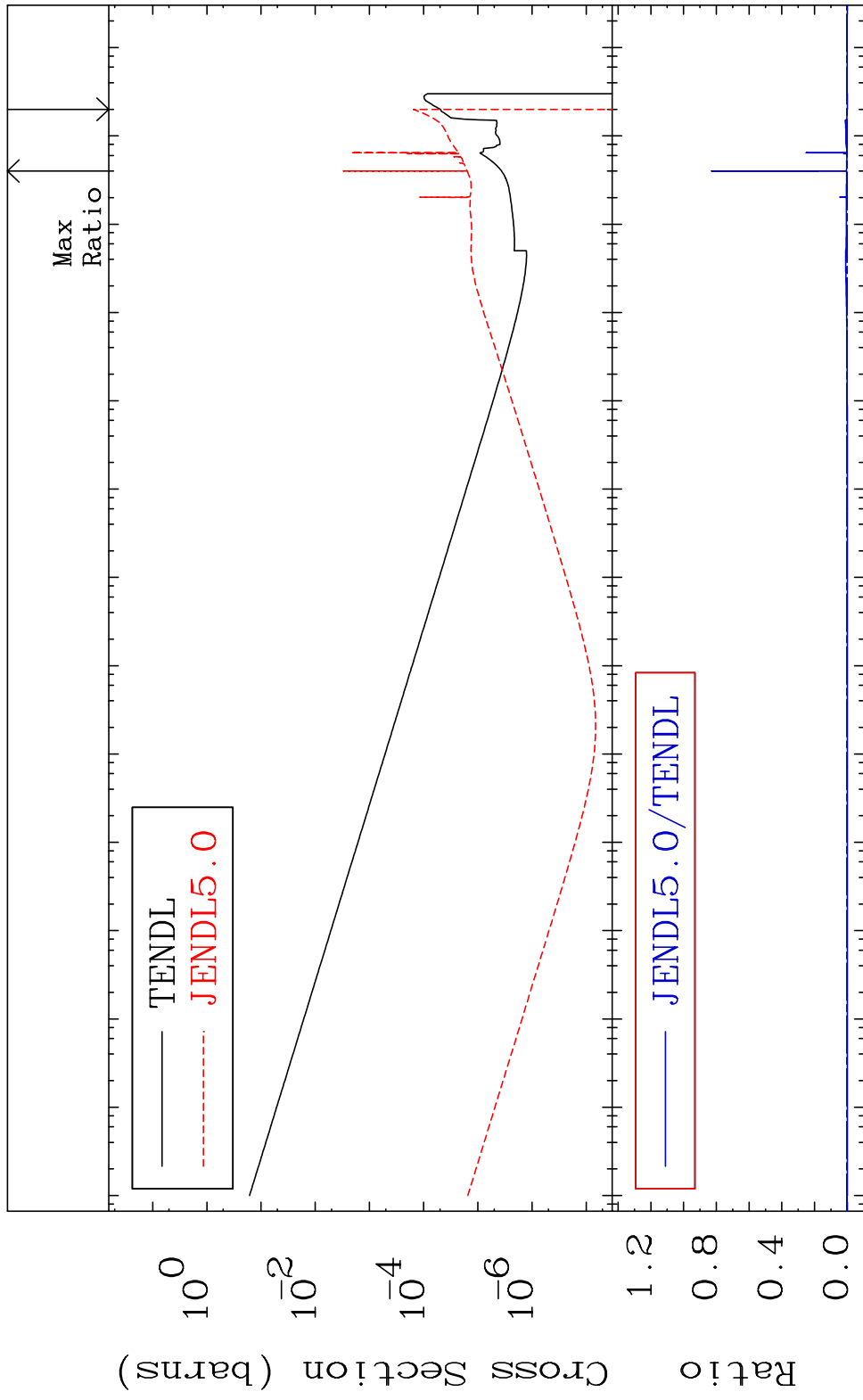


MAT 631

(n, γ)

Cross Section -100.0 To 9999. %

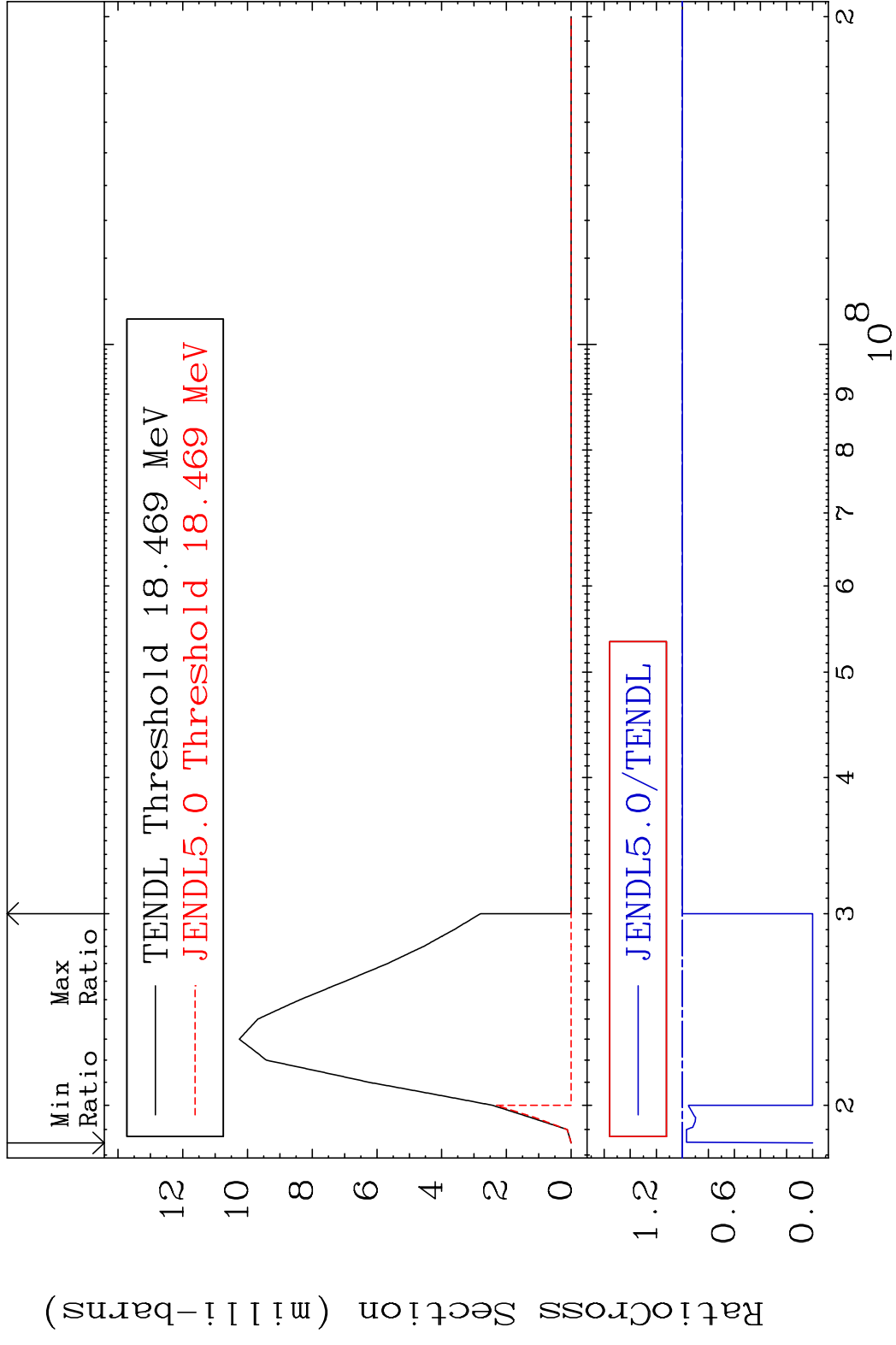
6-C -14



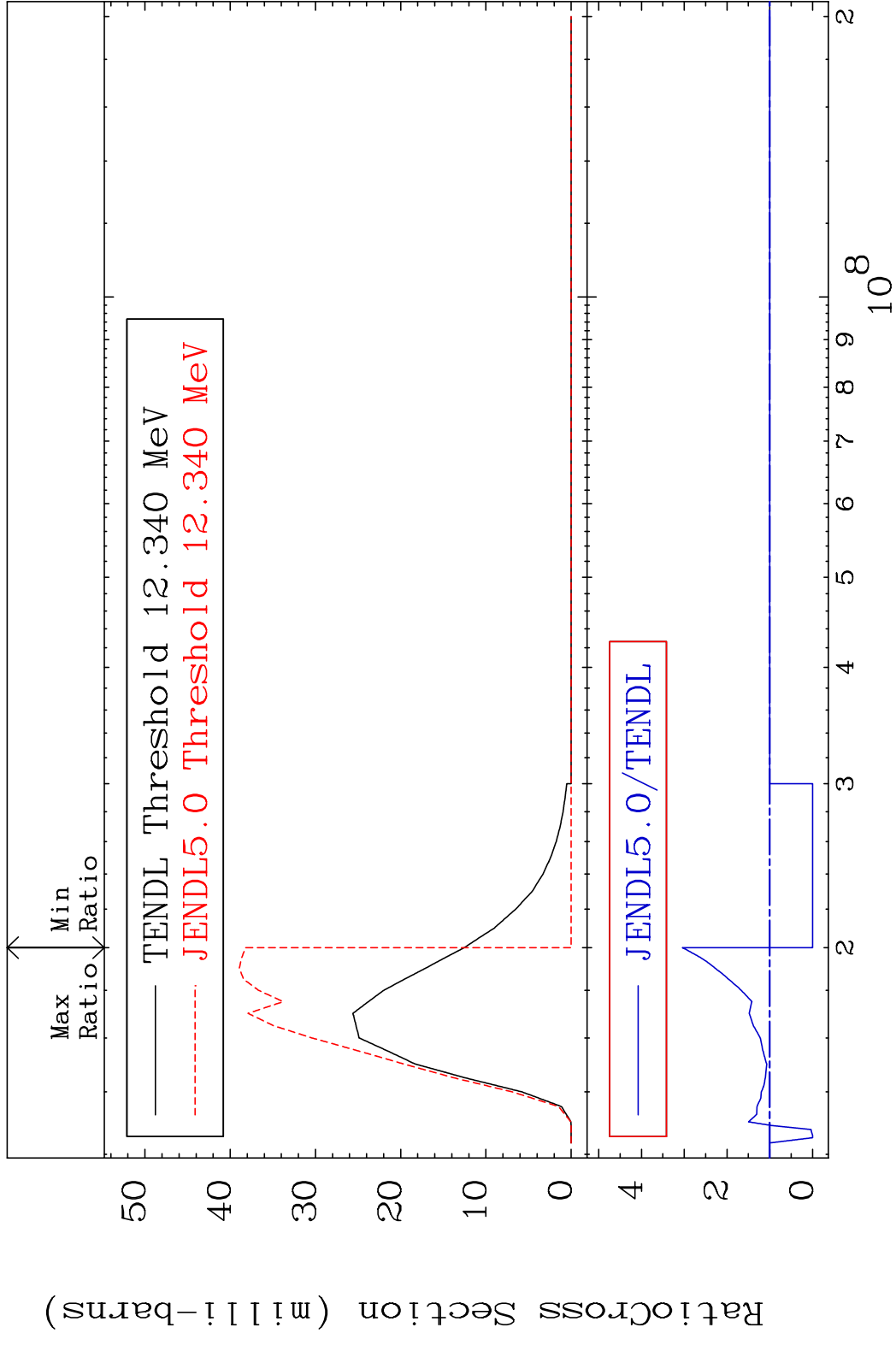
28

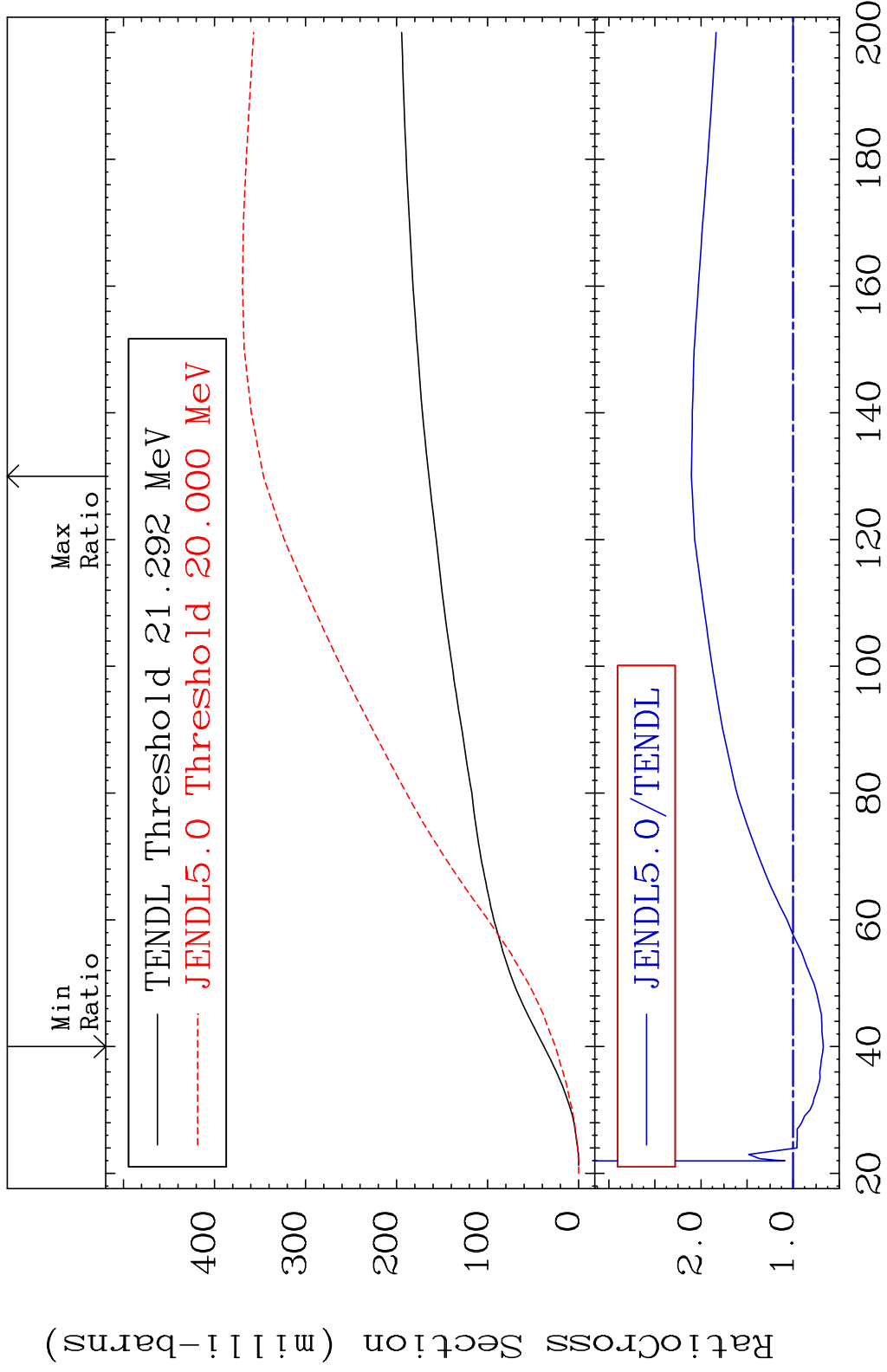
Incident Energy (eV)

6-C -14

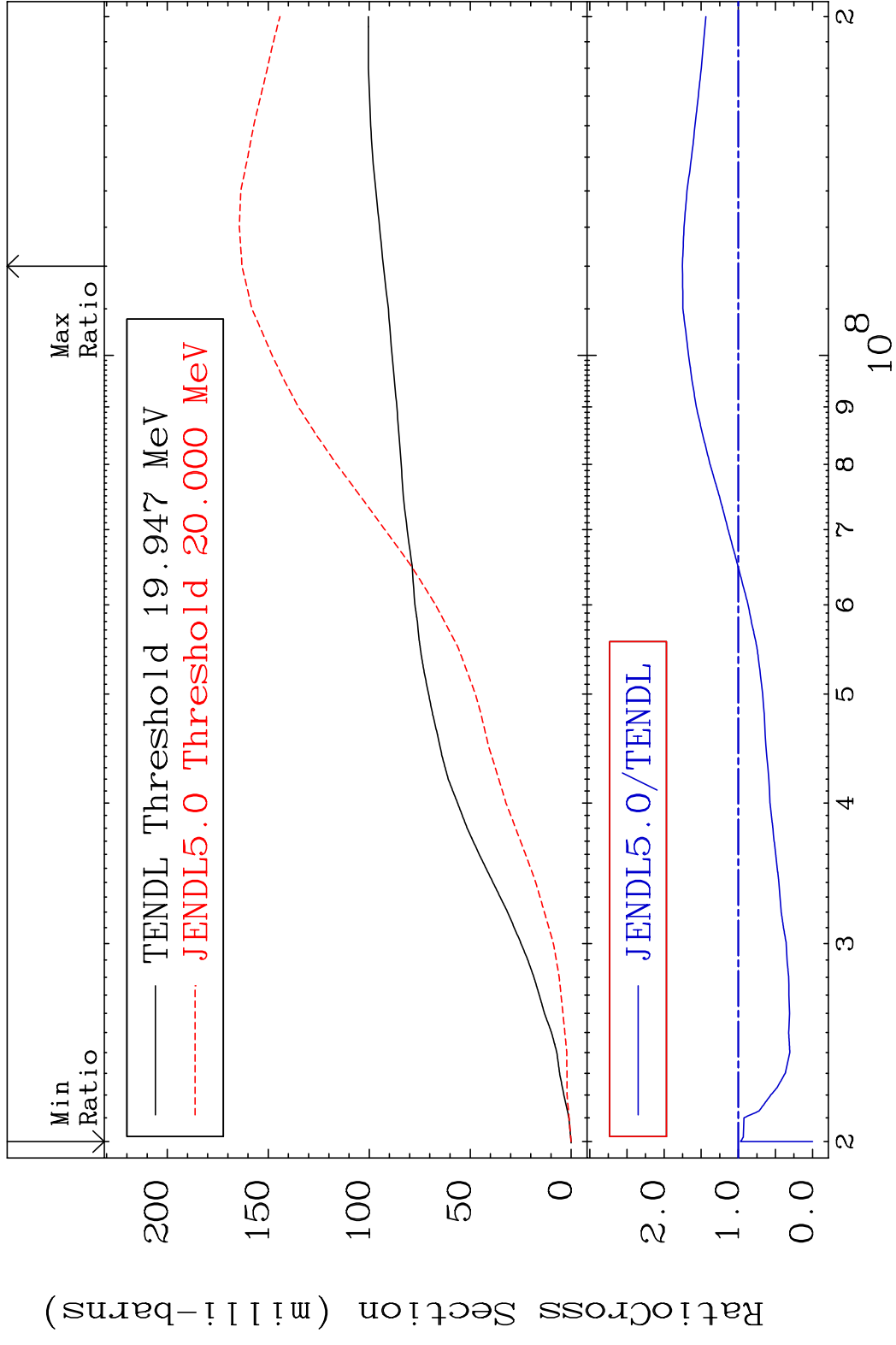


MAT 631 (n, α) Cross Section -100.0 To 204.5 % 6-C -14

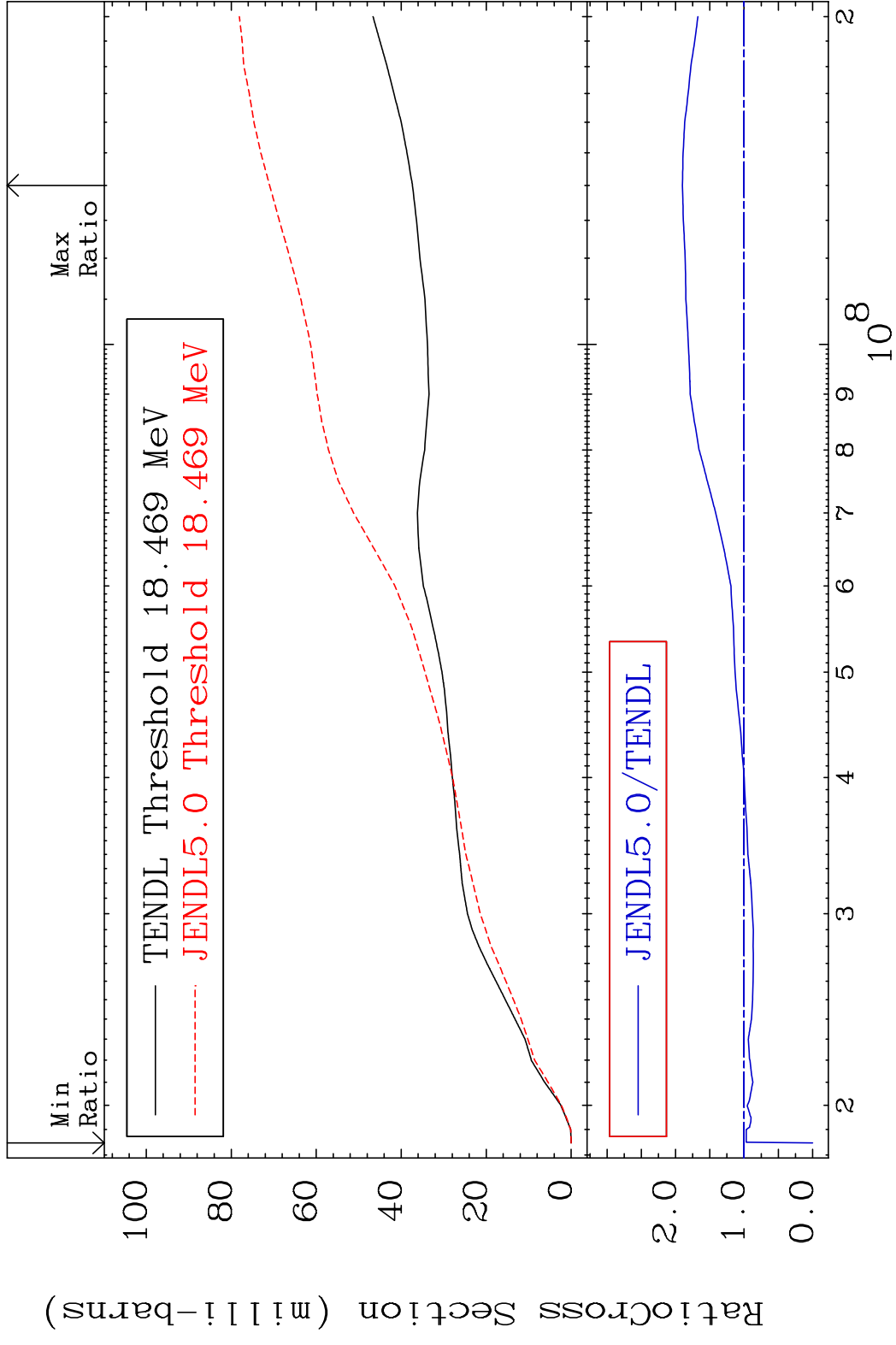




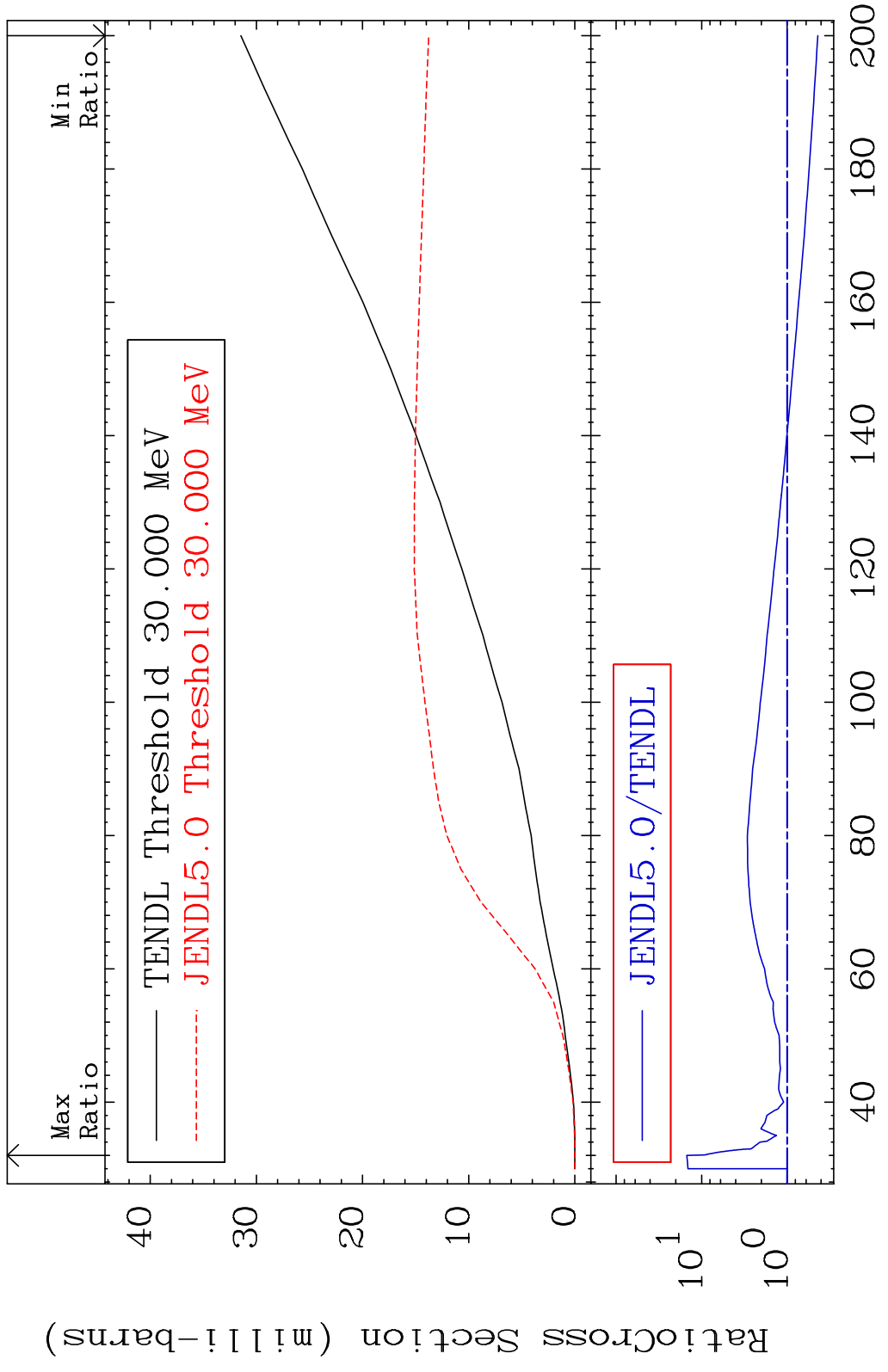
MAT 631 Deuterium Production 6-C -14
 Cross Section -100.0 To 75.36 %



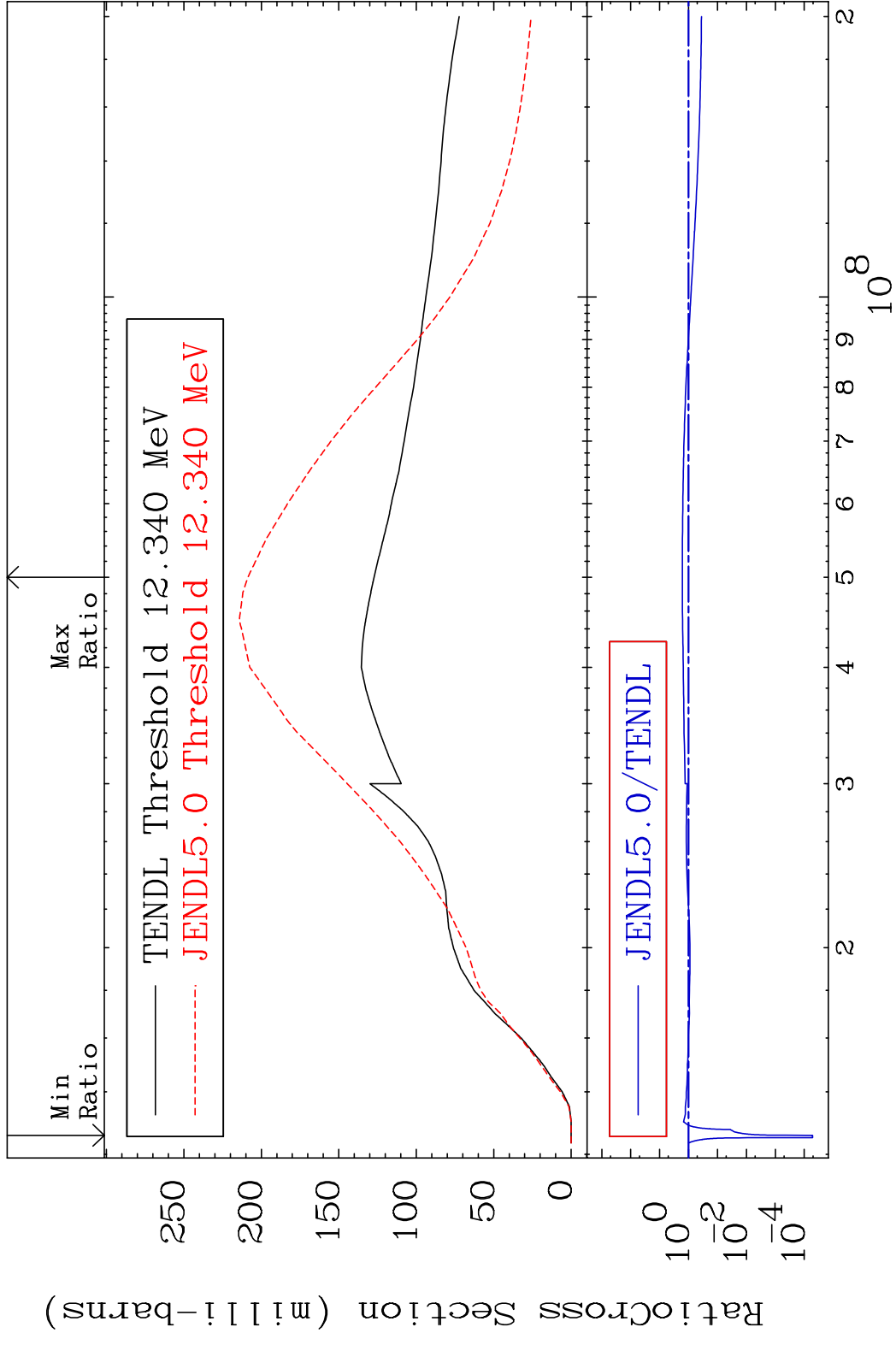
MAT 631 Tritium Production 6-C -14
 Cross Section -100.0 To 90.09 %



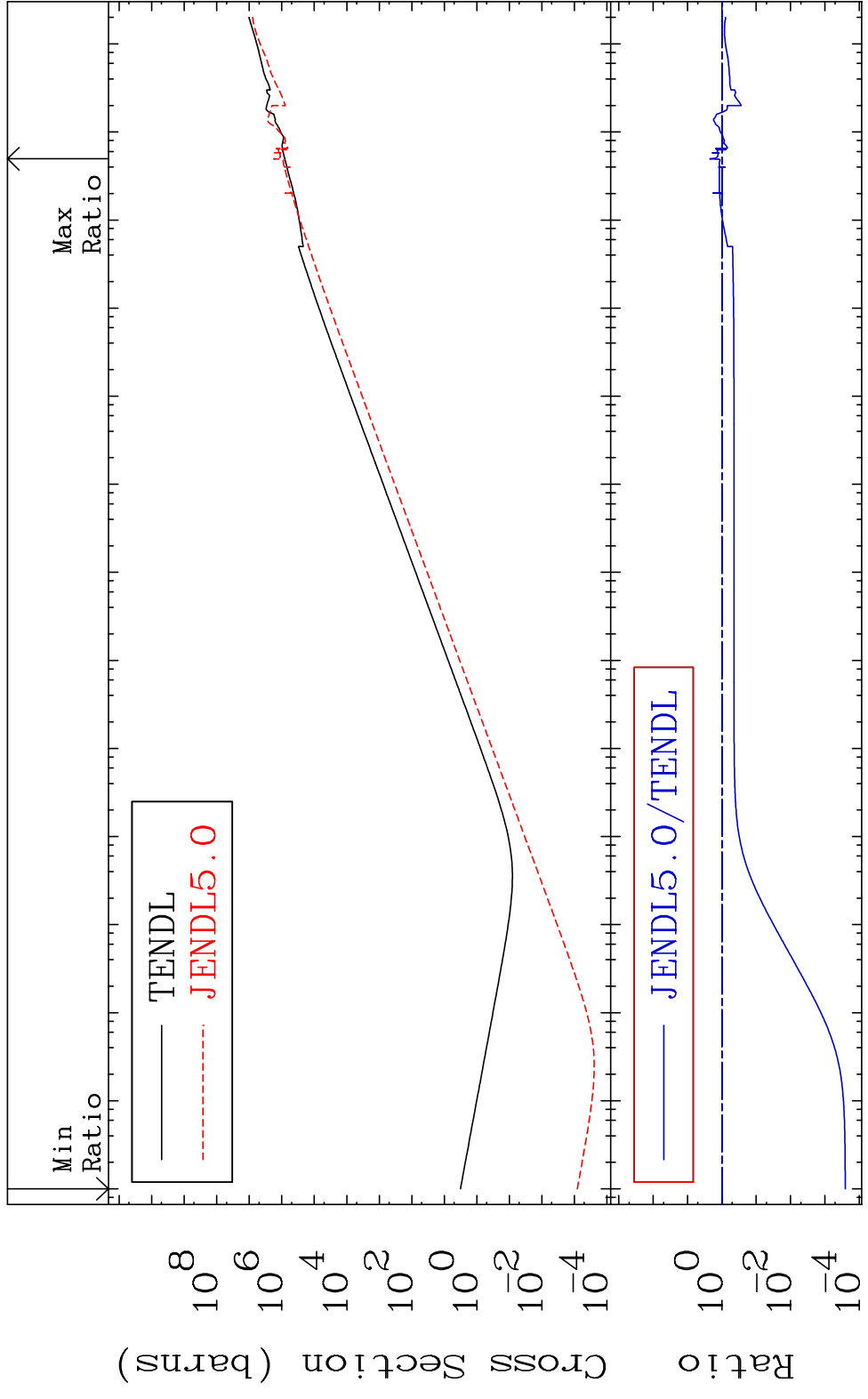
MAT 631 He-3 Production 6-C -14
 Cross Section -56.23 To 1391. %



MAT 631 He-4 Production 6-C -14
 Cross Section -99.99 To 63.97 %



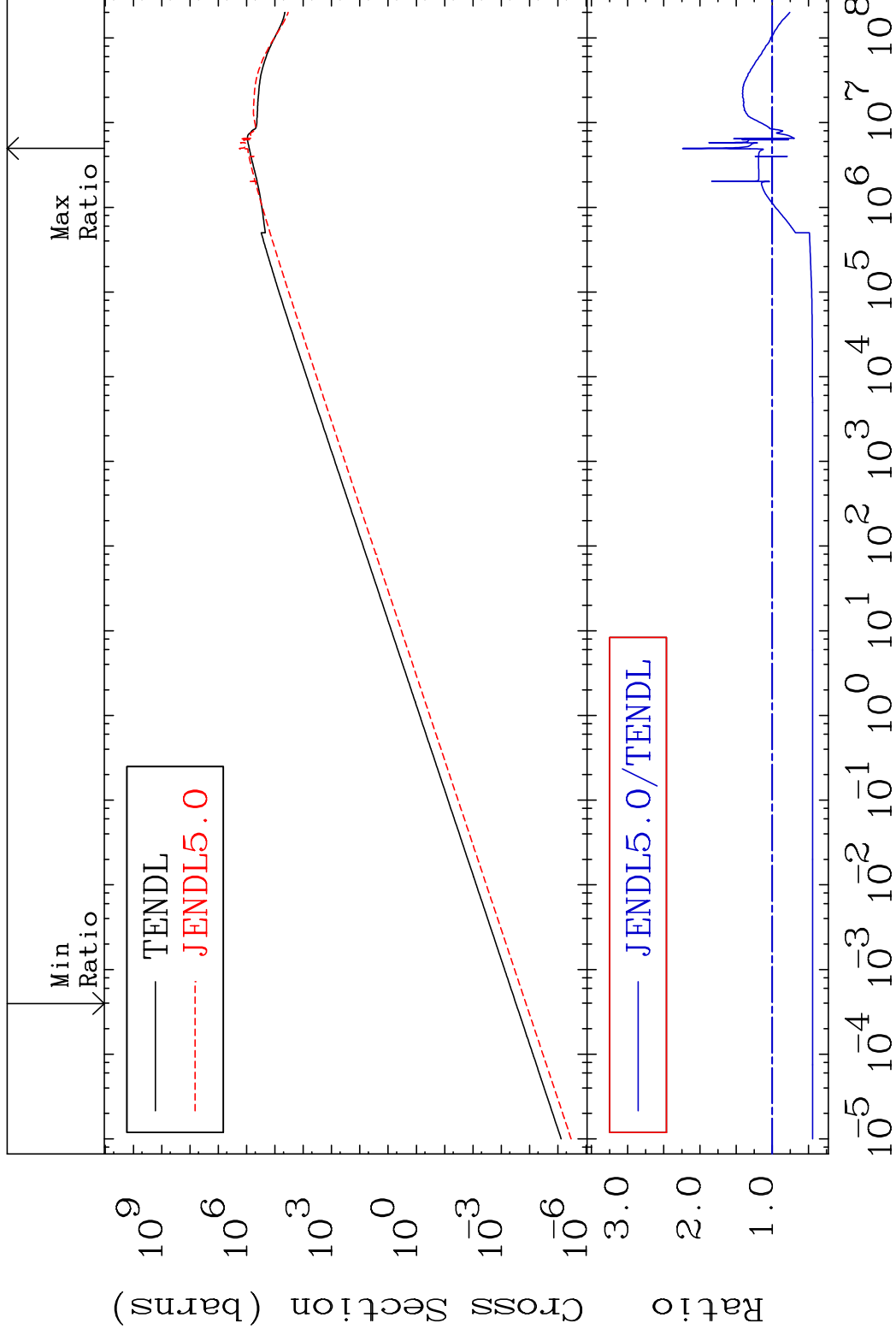
MAT 631 Kerma total (eV-barns) 6-C -14
 Cross Section -99.97 To 124.3 %



MAT 631

Kerma elastic
Cross Section -55.72 To 124.3 %

6-C -14

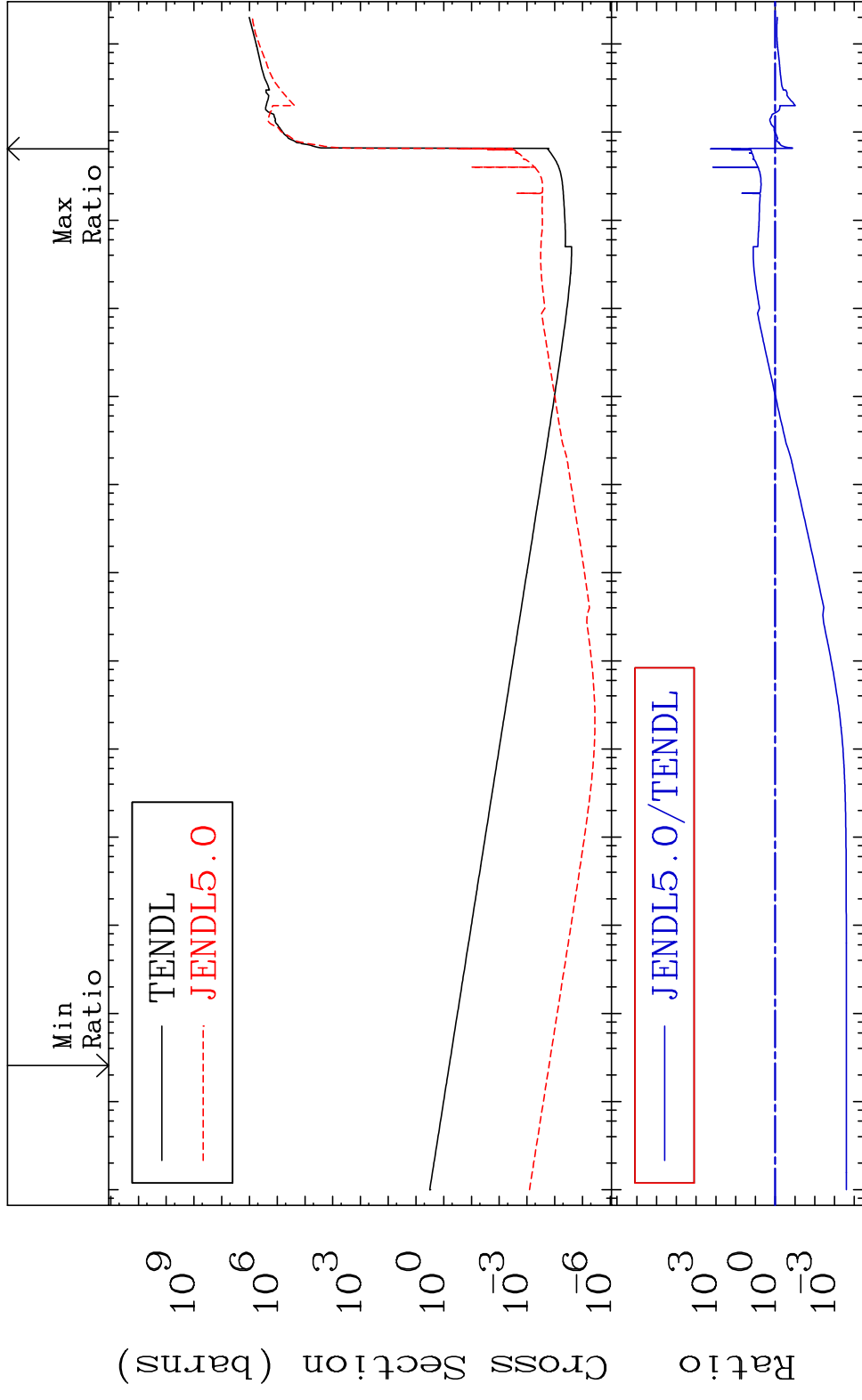


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Incident Energy (eV)

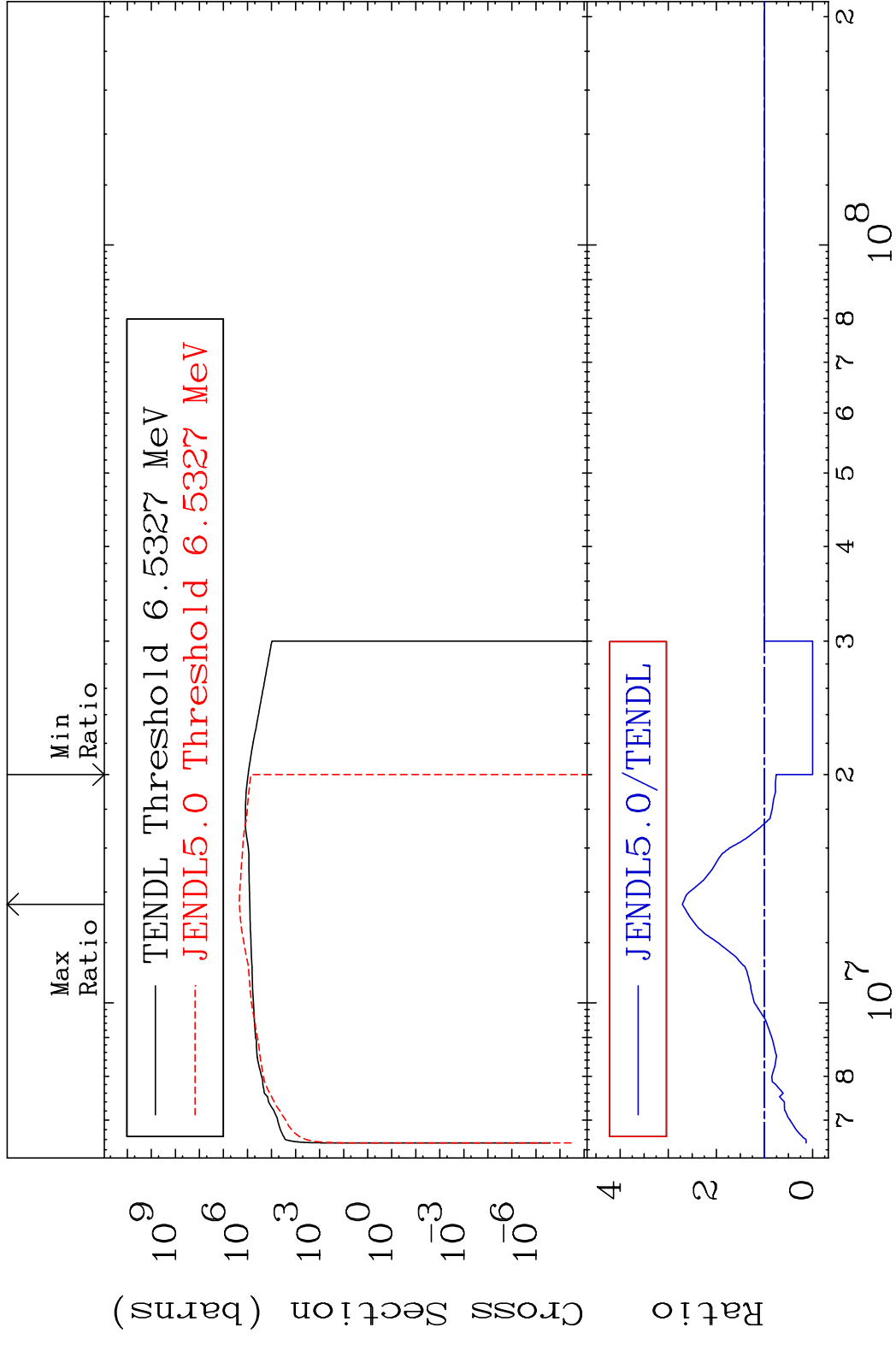
6-C -14

MAT 631 Kerma non-elastic (all but mt2) 6-C -14
 Cross Section -99.97 To 9999. %

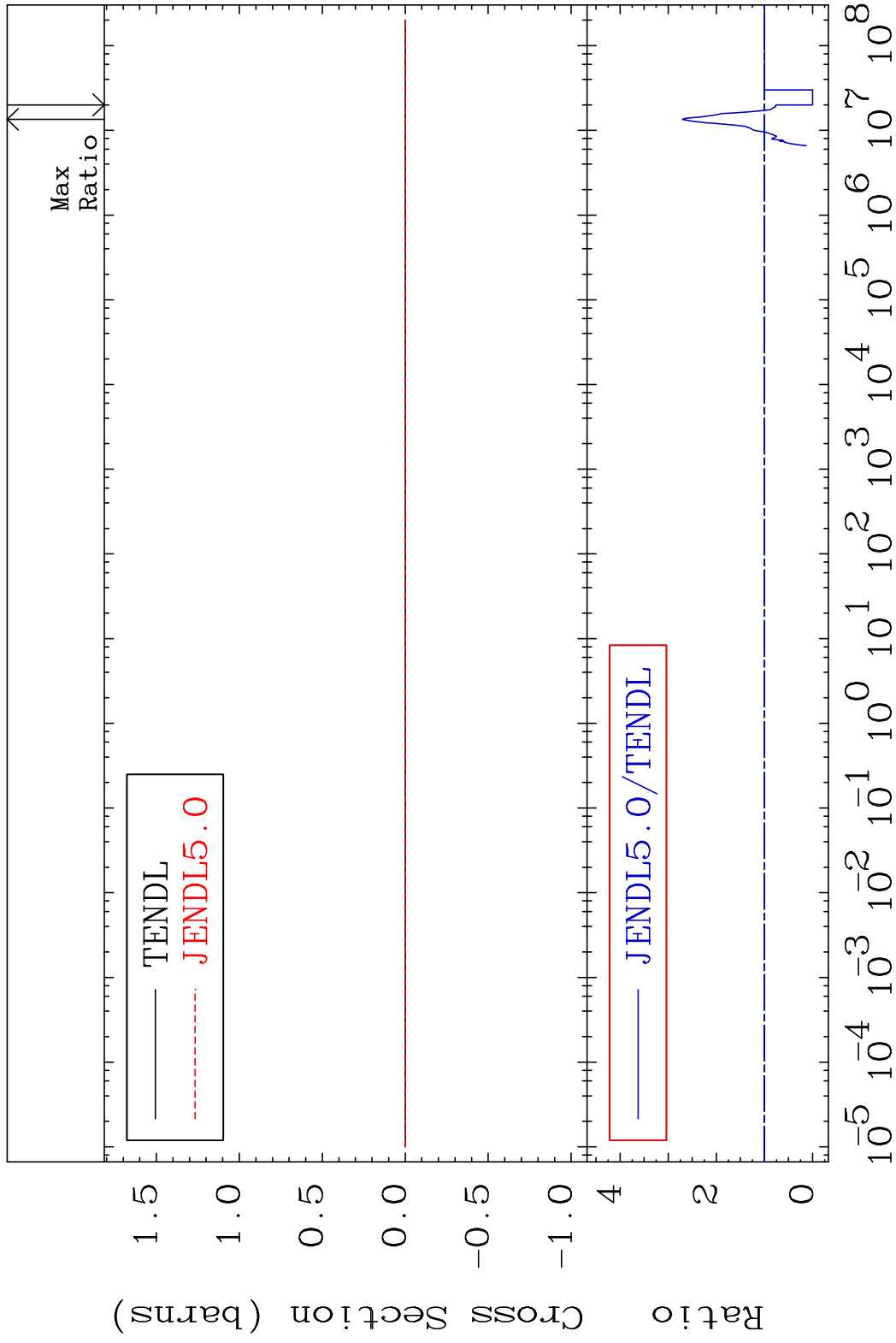


Ratio
 Cross Section (barns)
 Incident Energy (eV)

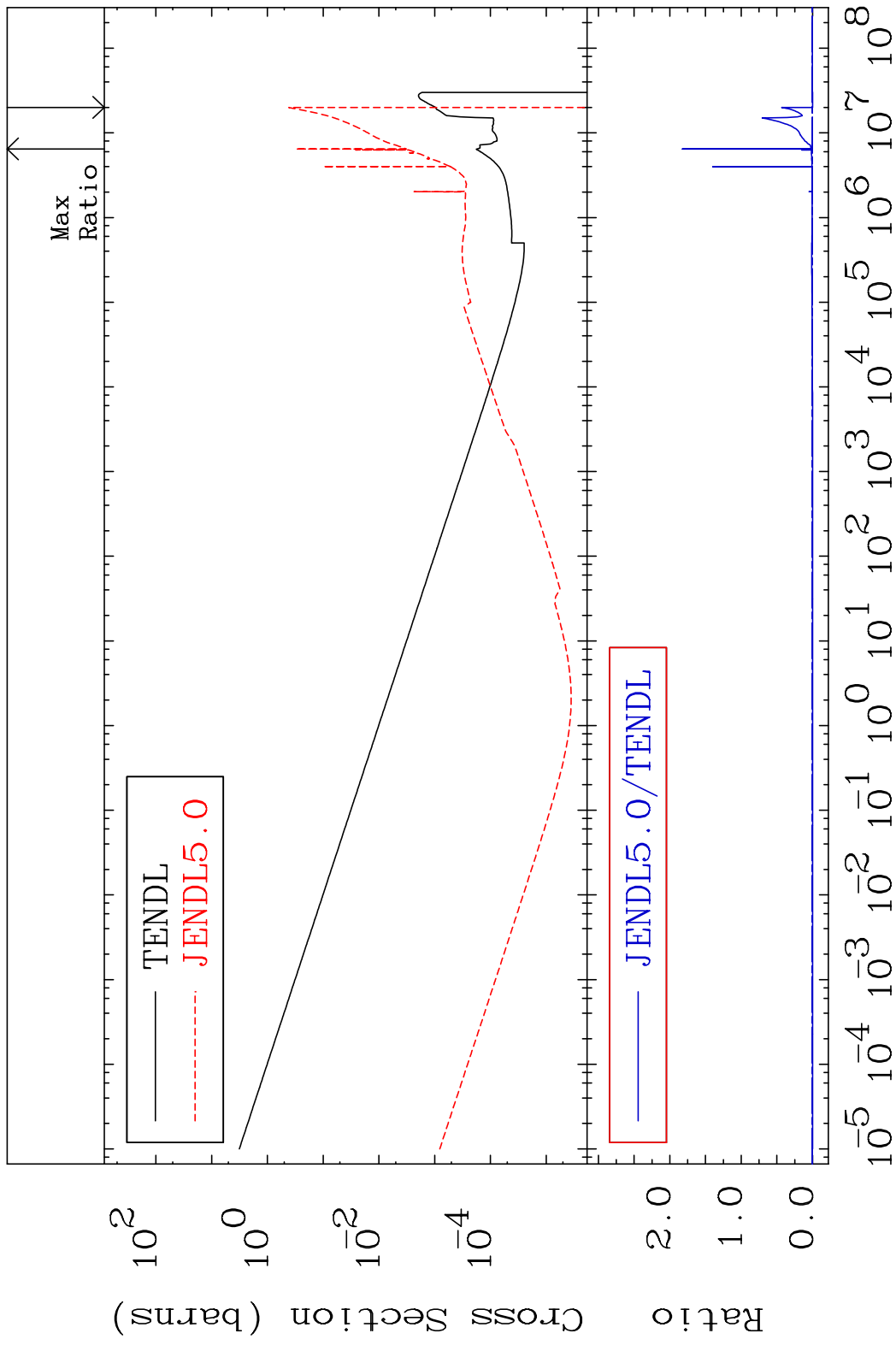
MAT 631 Kerma inelastic (mt51-91) 6-C -14
 Cross Section -100.0 To 170.6 %



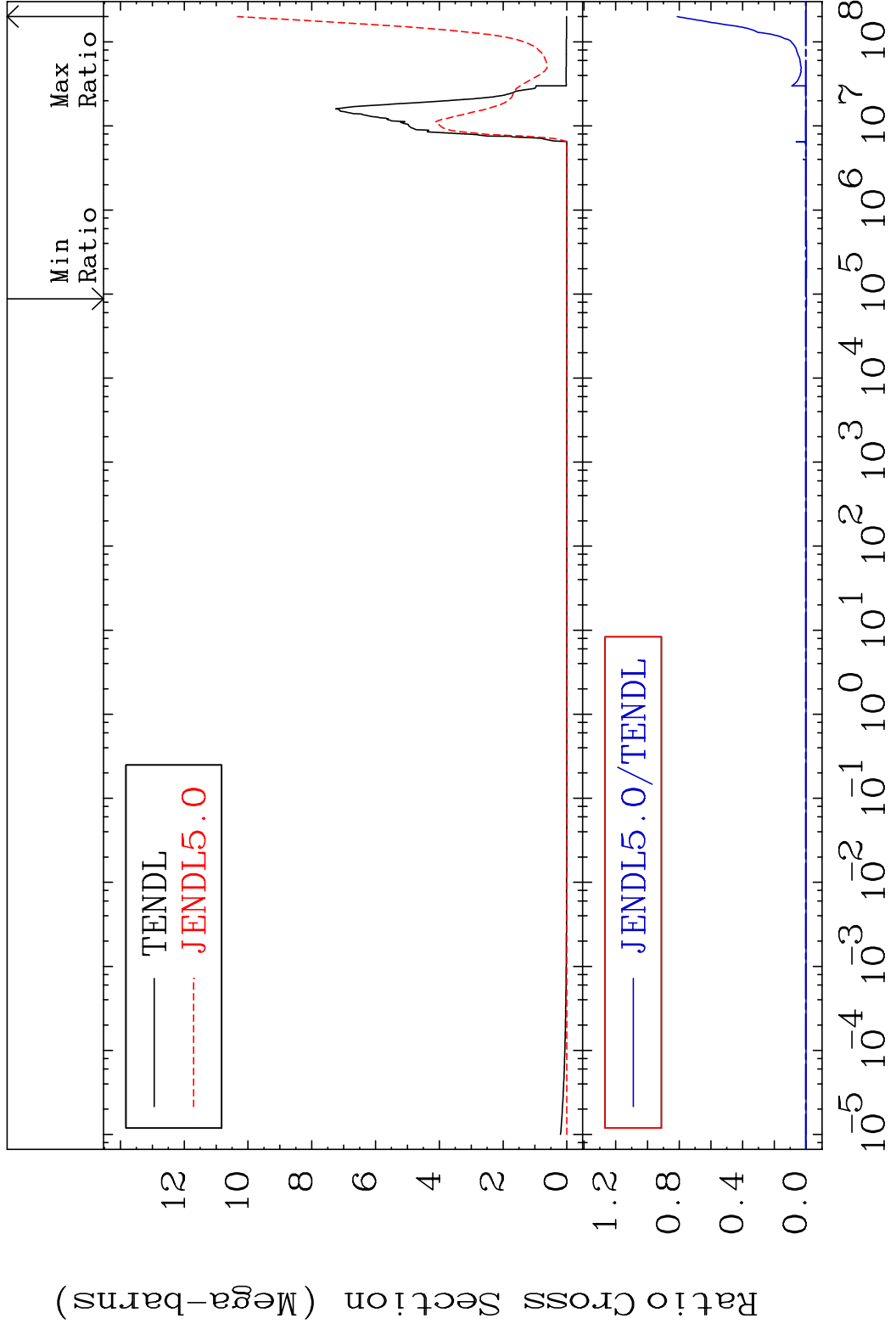
MAT 631 Kerma fission (mt18 or mt19-20-21-38) 6-C -14
 Cross Section -100.0 To 170.6 %



MAT 631 Kerma capture (mt102) 6-C -14
 Cross Section -100.0 To 9999. %

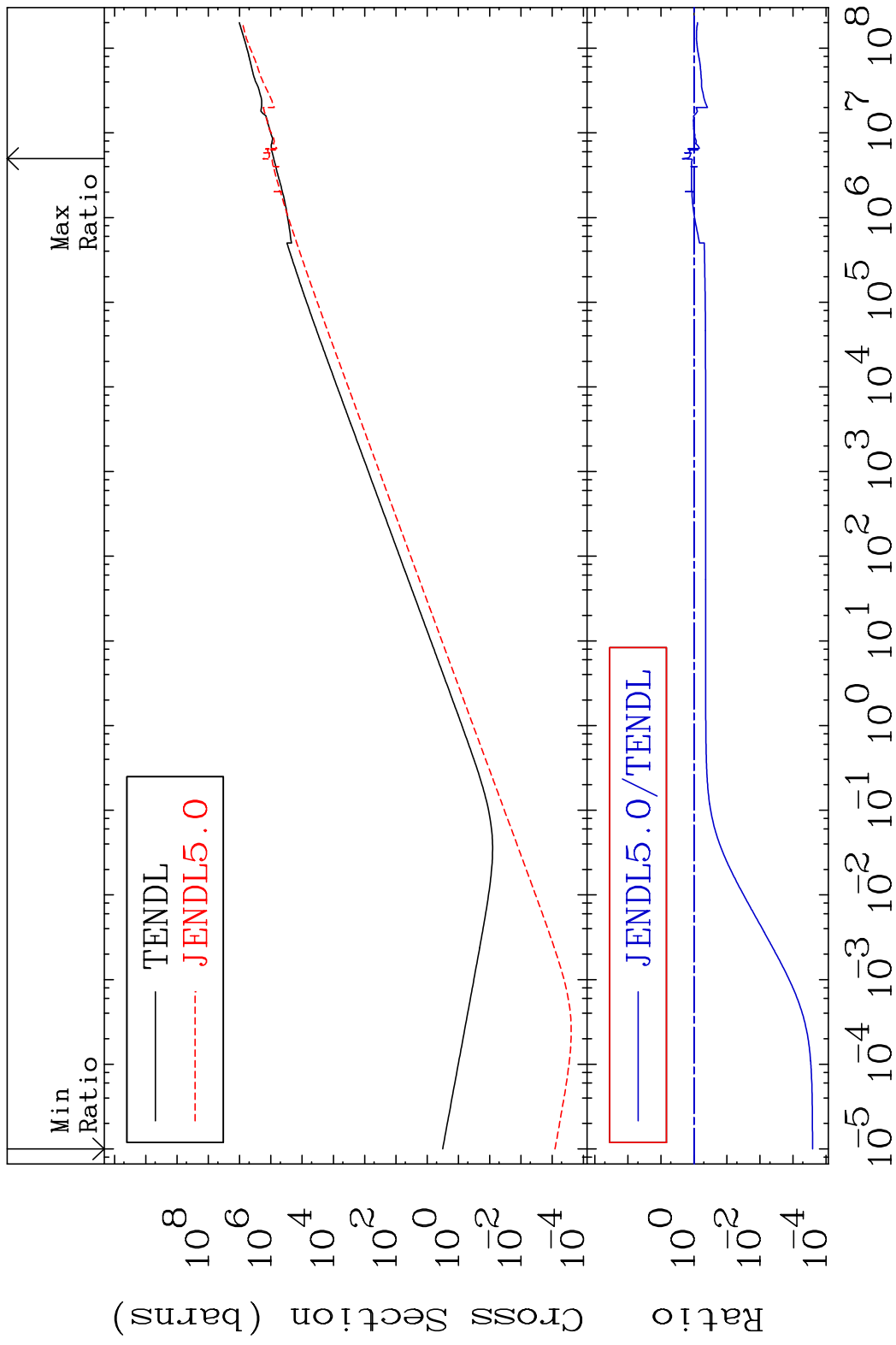


MAT 631 Total photon (eV-barns) 6-C -14
Cross Section -368.9 To 9999. %



42 Incident Energy (eV) 6-C -14

MAT 631 Total kinematic kerma (high limit) 6-C -14
 Cross Section -99.97 To 124.3 %

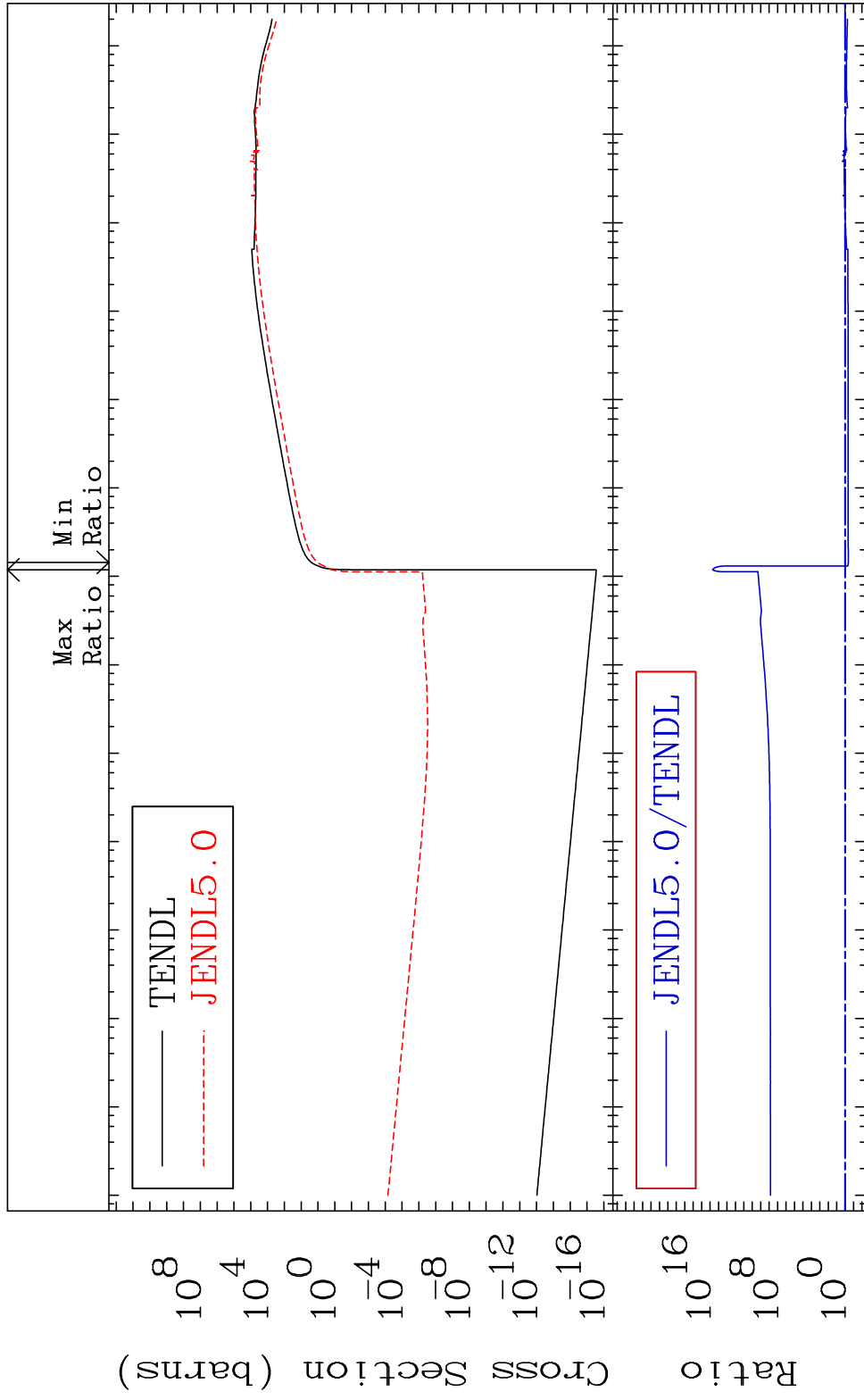


MAT 631

Dpa total (eV-barns)

6-C -14

Cross Section -57.89 To 9999. %

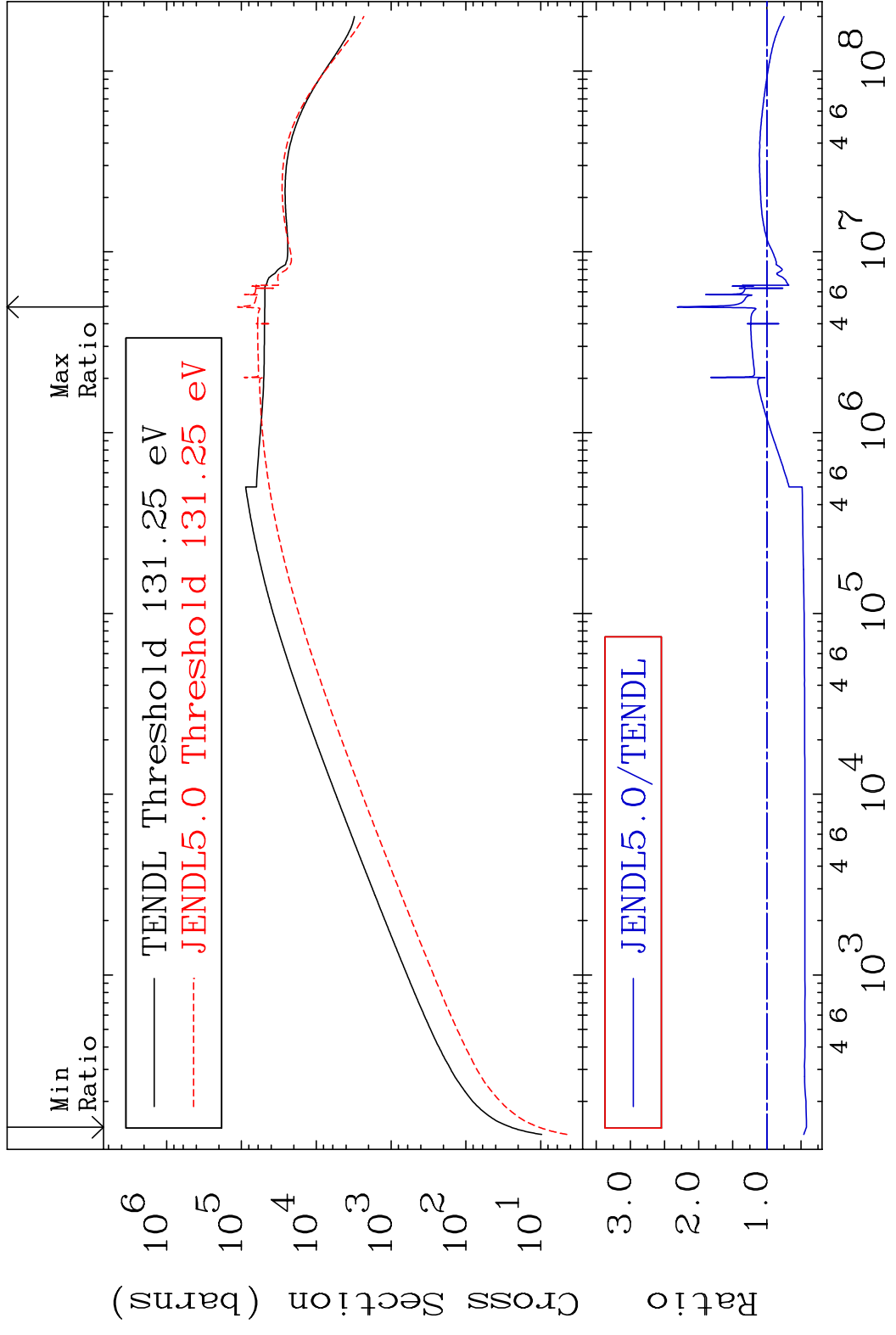


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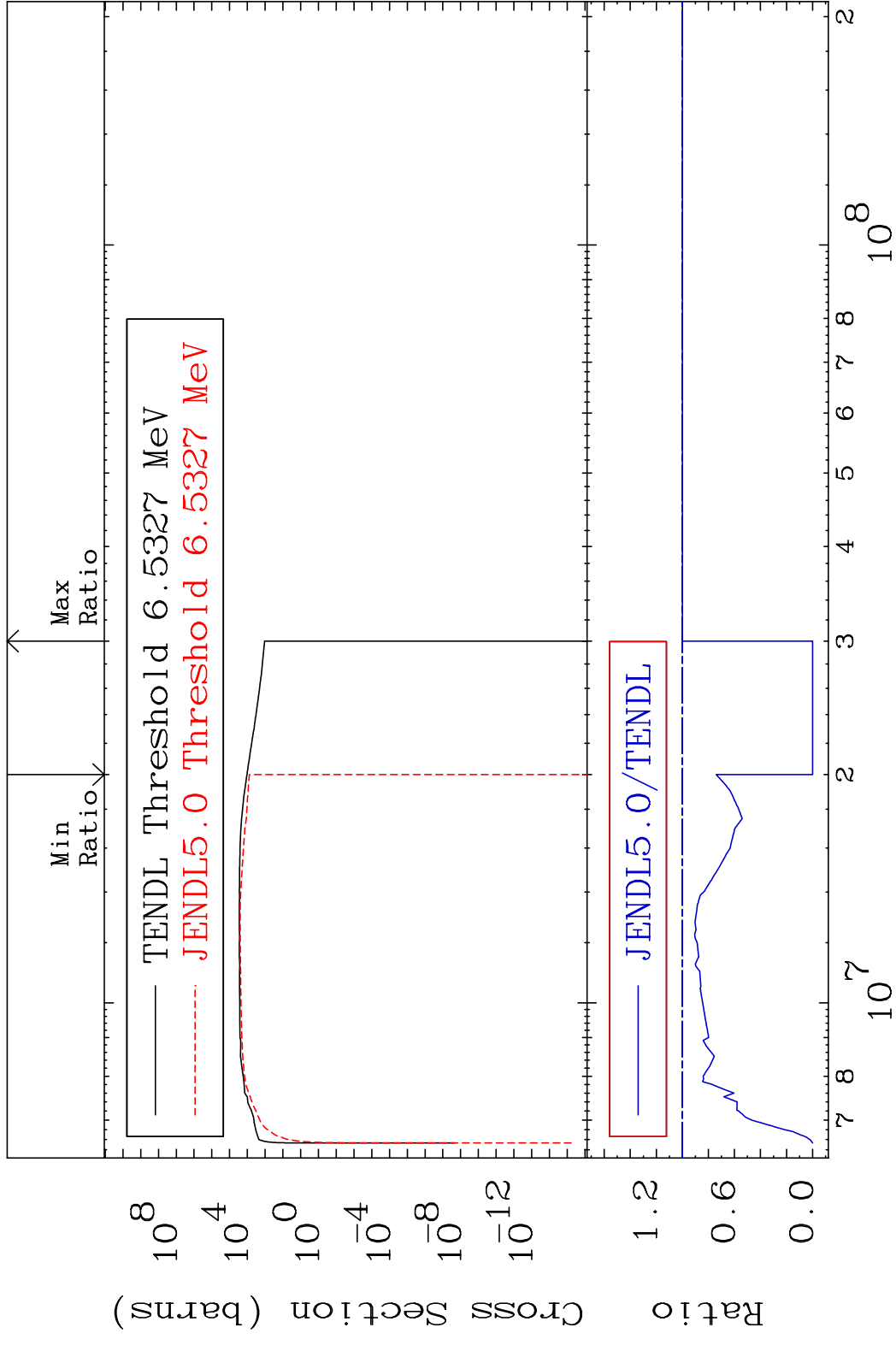
Incident Energy (eV)

6-C -14

MAT 631 Dpa elastic (mt2) 6-C -14
 Cross Section -57.89 To 131.4 %



MAT 631 Dpa inelastic (mt51-91) 6-C -14
 Cross Section -100.0 To 0.000 %



MAT 631 Dpa disappearance (mt102 -120) 6-C -14
 Cross Section -100.0 To 9999. %

