

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

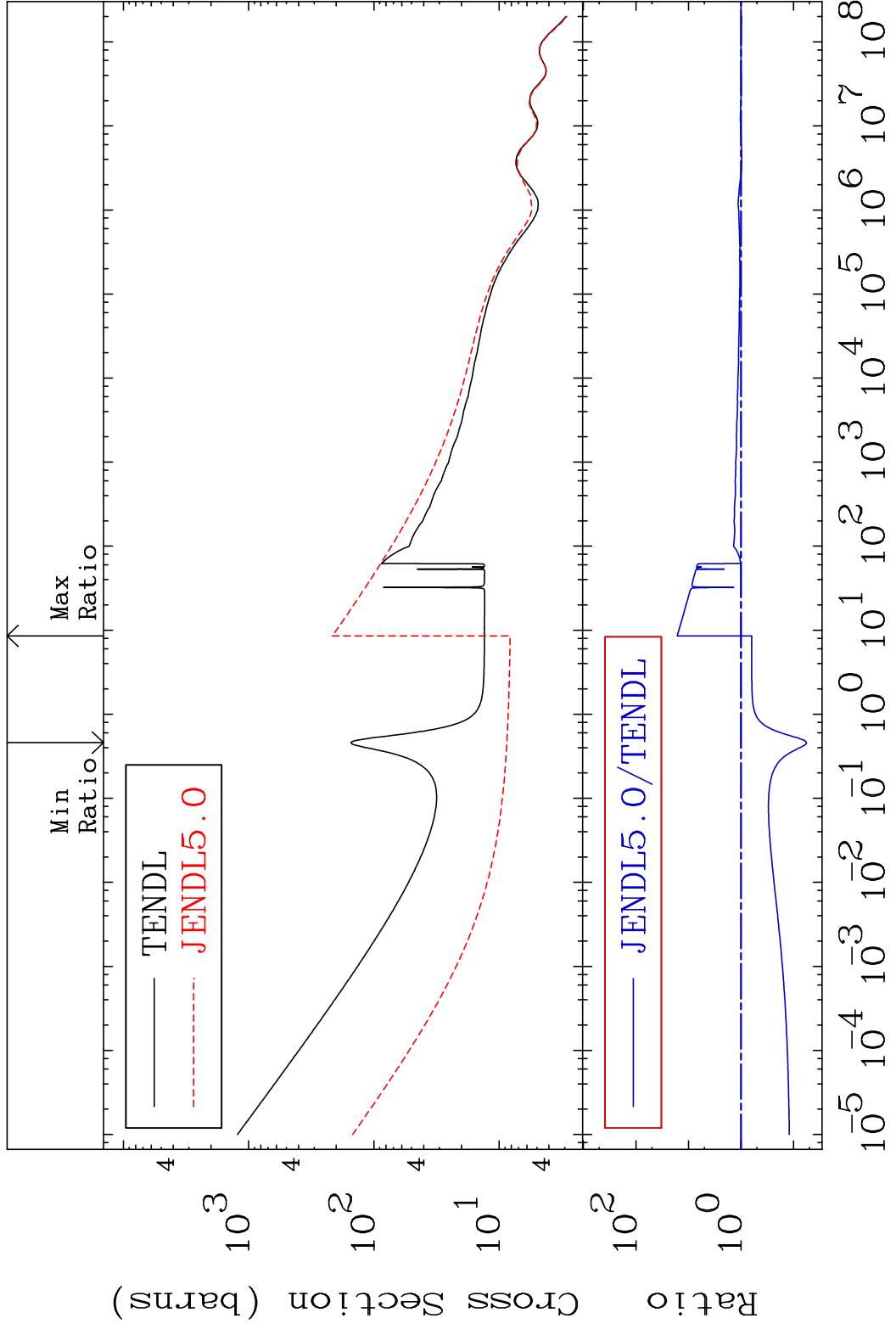
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 8116

Total Cross Section -94.30 To 1541. %
81-Tl-200



1

Incident Energy (eV)

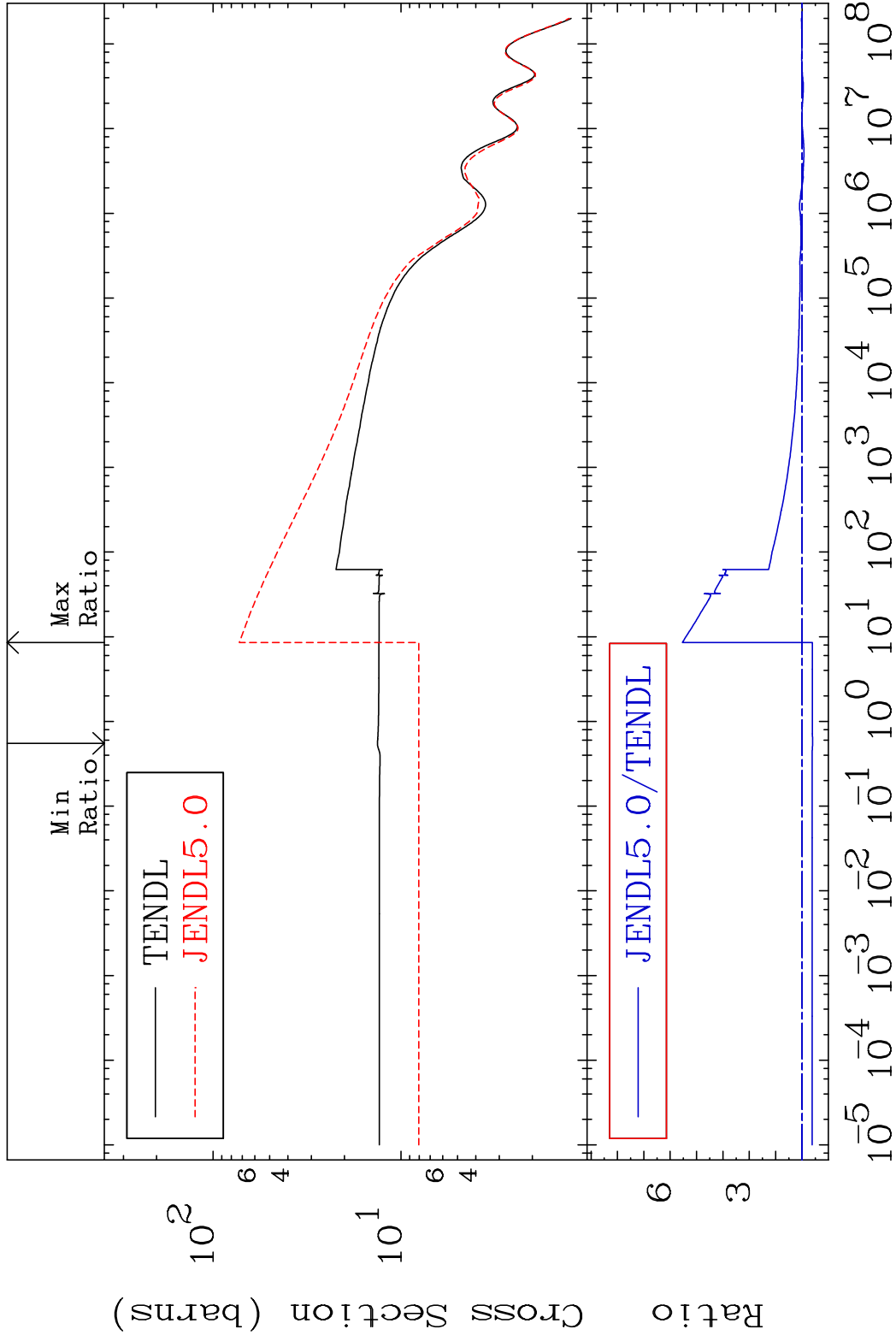
81-Tl-200

MAT 8116

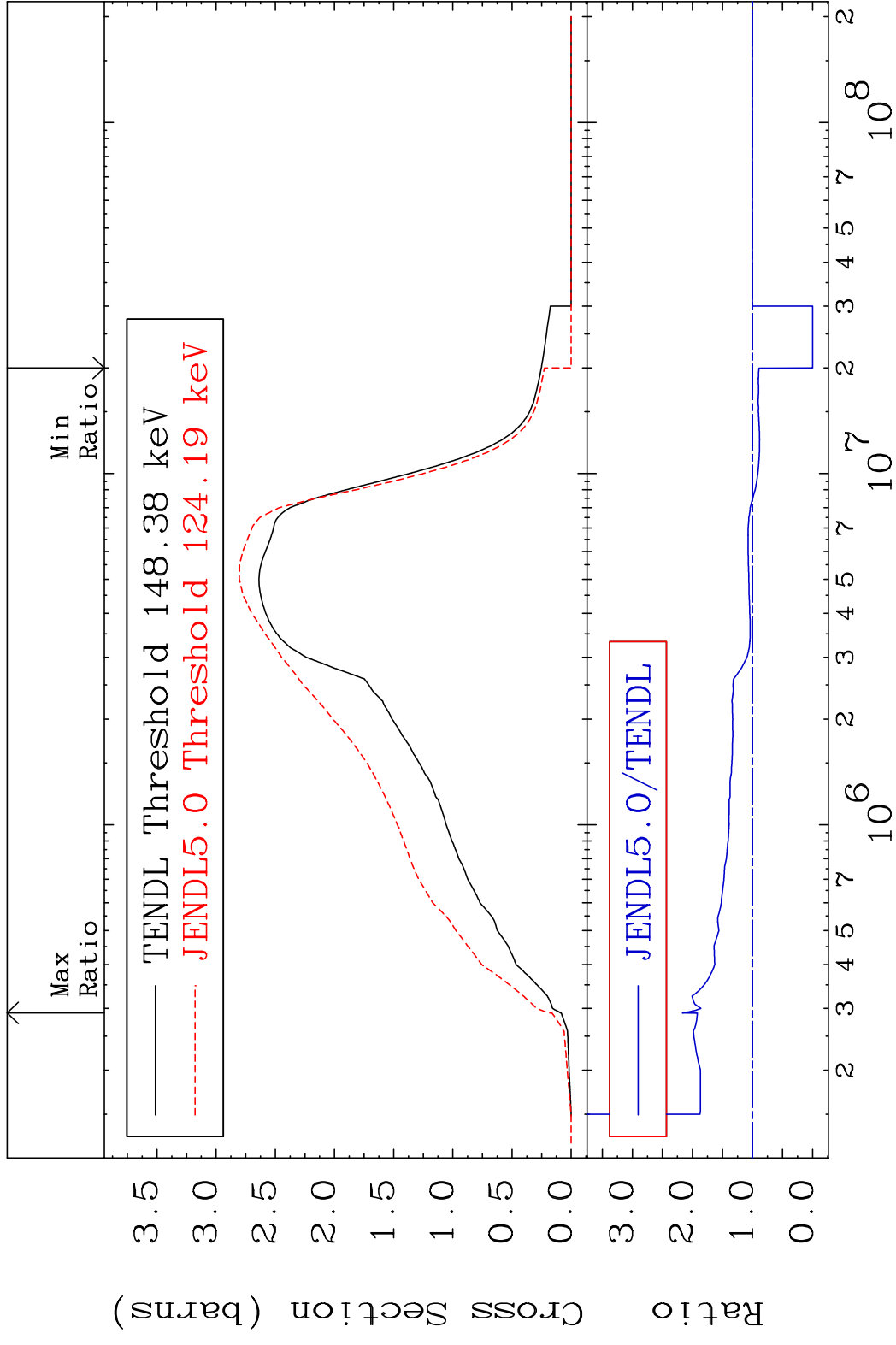
Elastic

81-T1-200

Cross Section -39.78 To 453.9 %



MAT 8116 Inelastic 81-Tl-200
 Cross Section -100.0 To 116.8 %

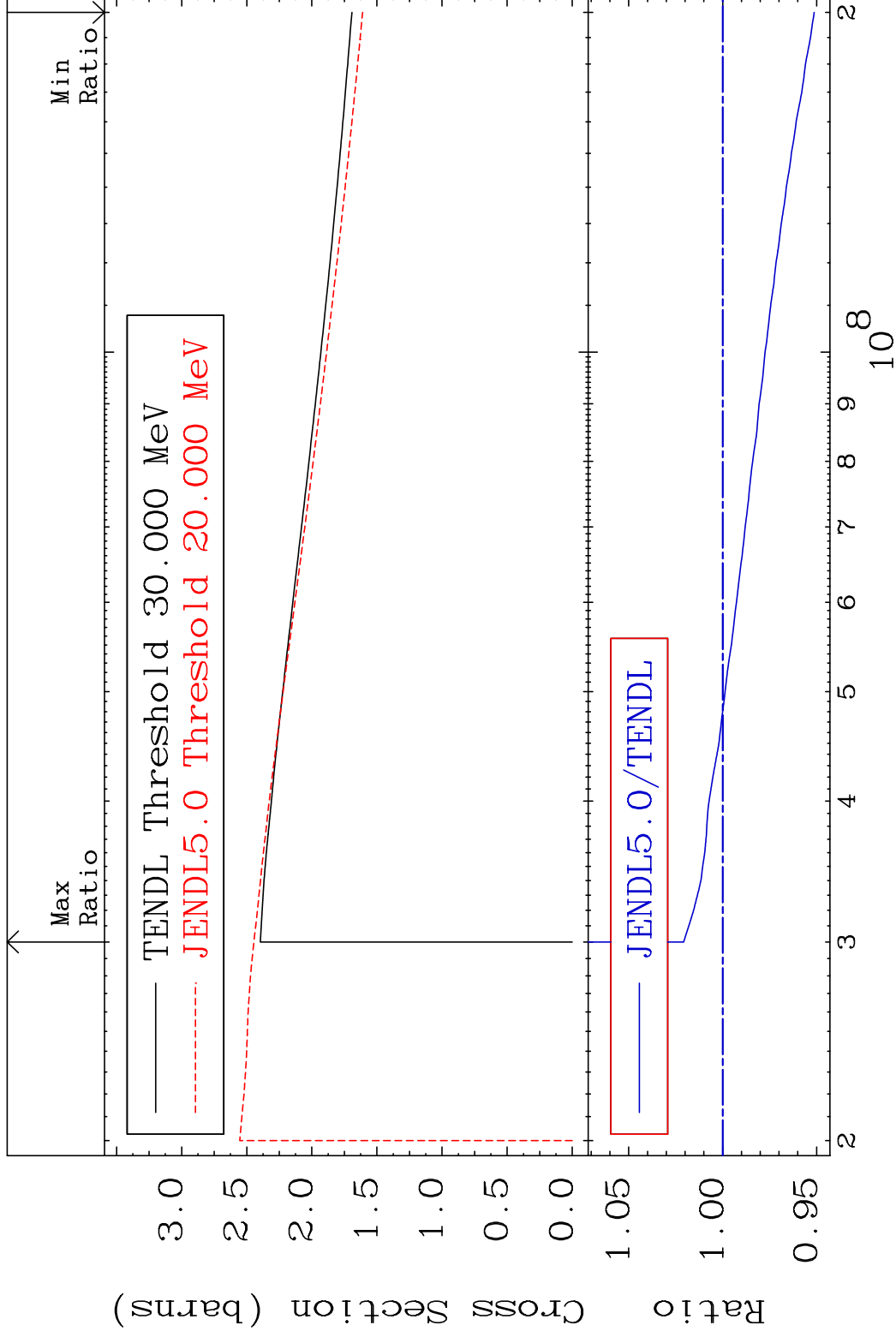


MAT 8116

(n, remainder)

81-T1-200

Cross Section -4.8667 To 2.075 %

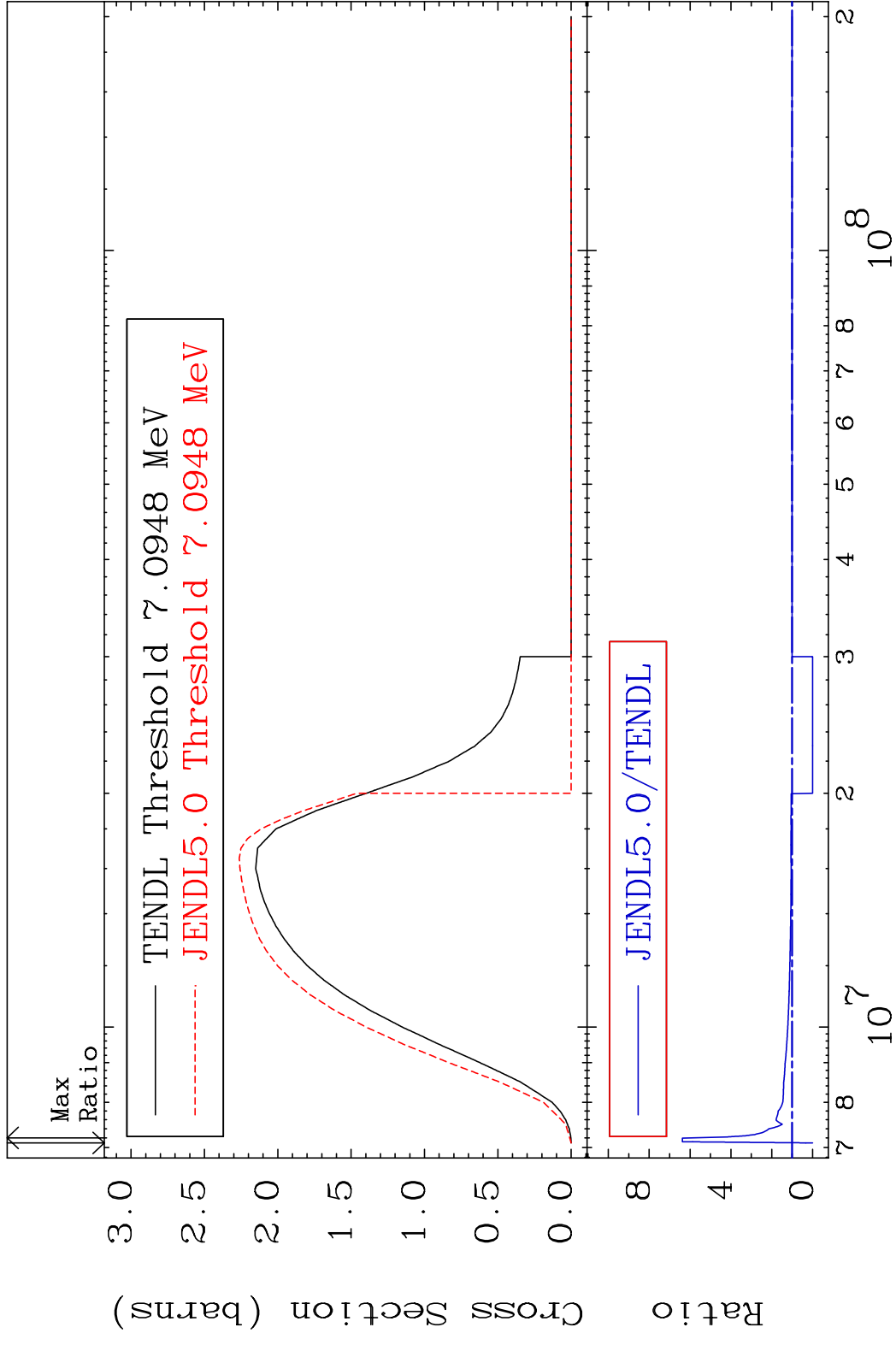


4

Incident Energy (eV)

81-T1-200

MAT 8116 (n,2n) 81-Tl-200
 Cross Section -100.0 To 537.6 %



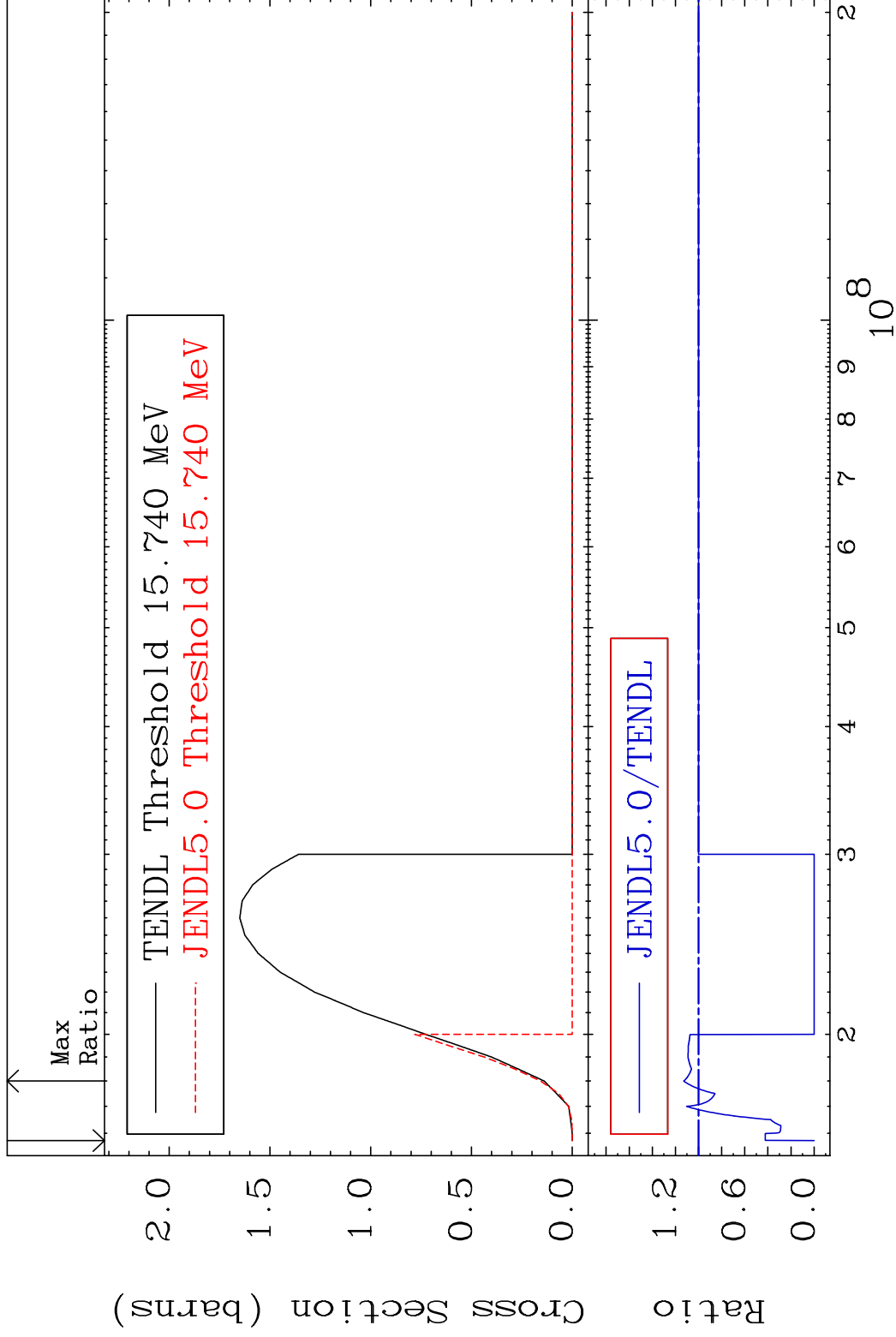
5 Incident Energy (eV) 81-Tl-200

MAT 8116

(n,3n)

81-Tl-200

Cross Section -100.0 To 12.90 %



6

Incident Energy (eV)

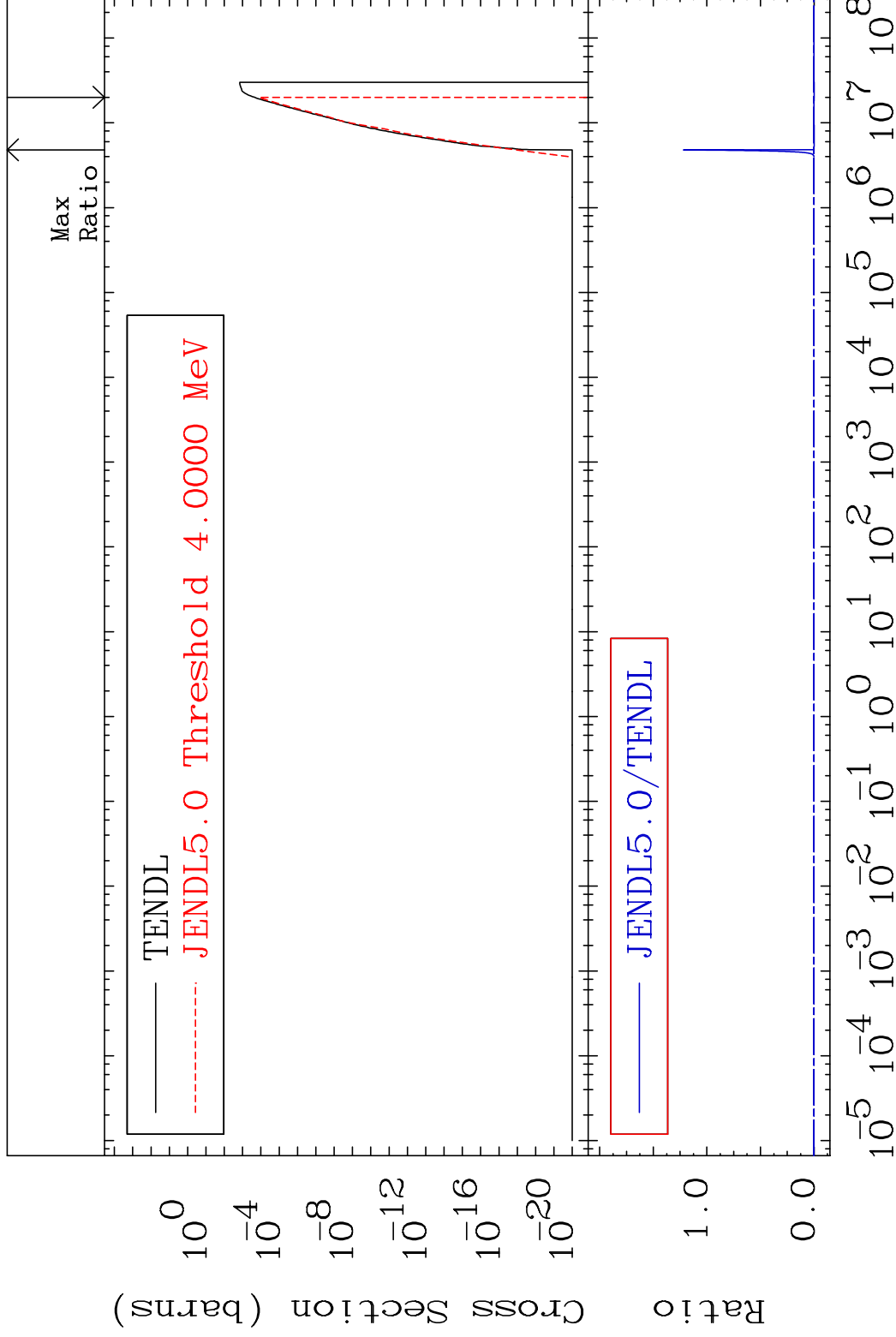
81-Tl-200

MAT 8116

(n, n') α

81-Tl-200

Cross Section -100.0 To 9999. %

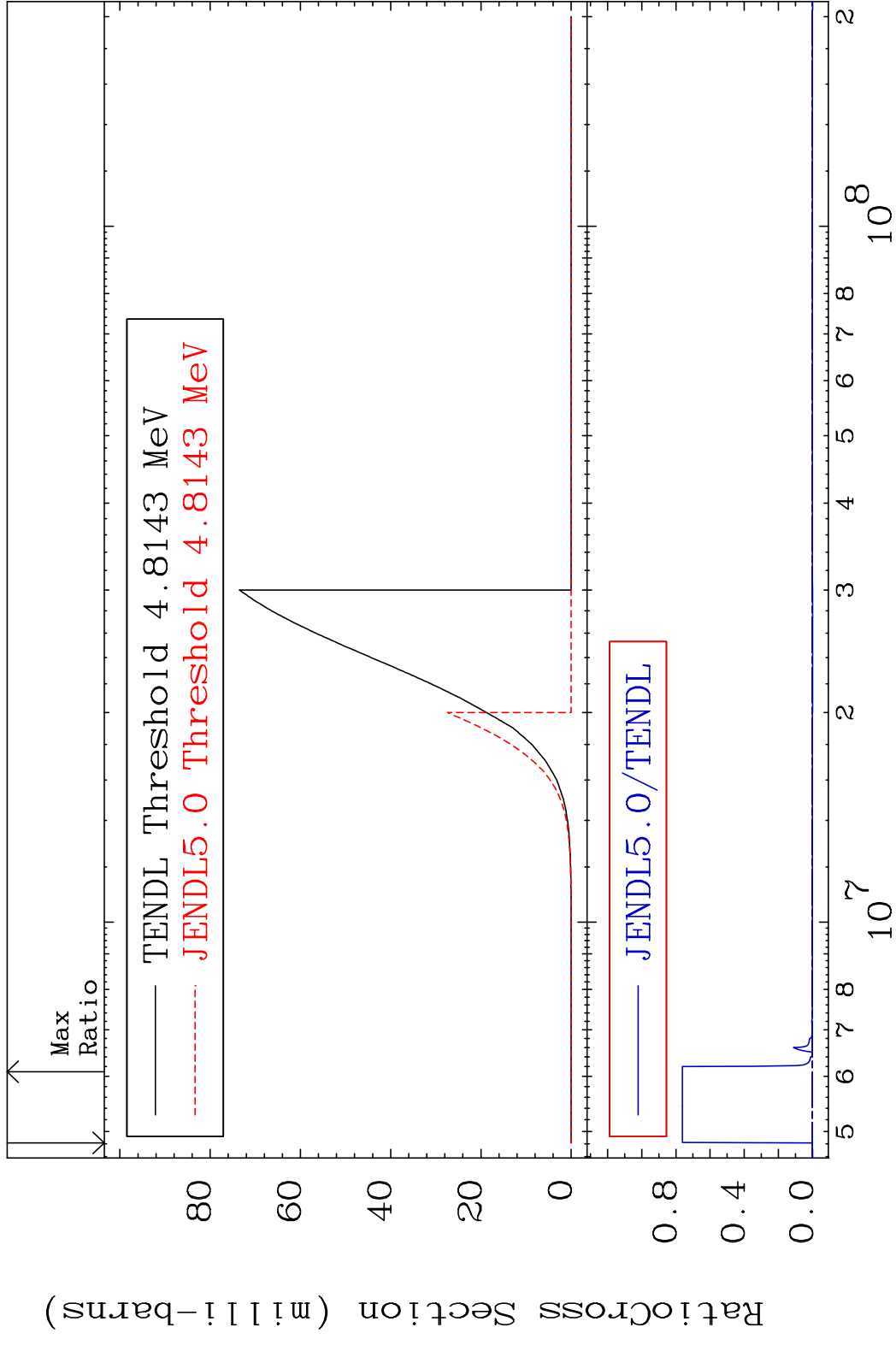


7

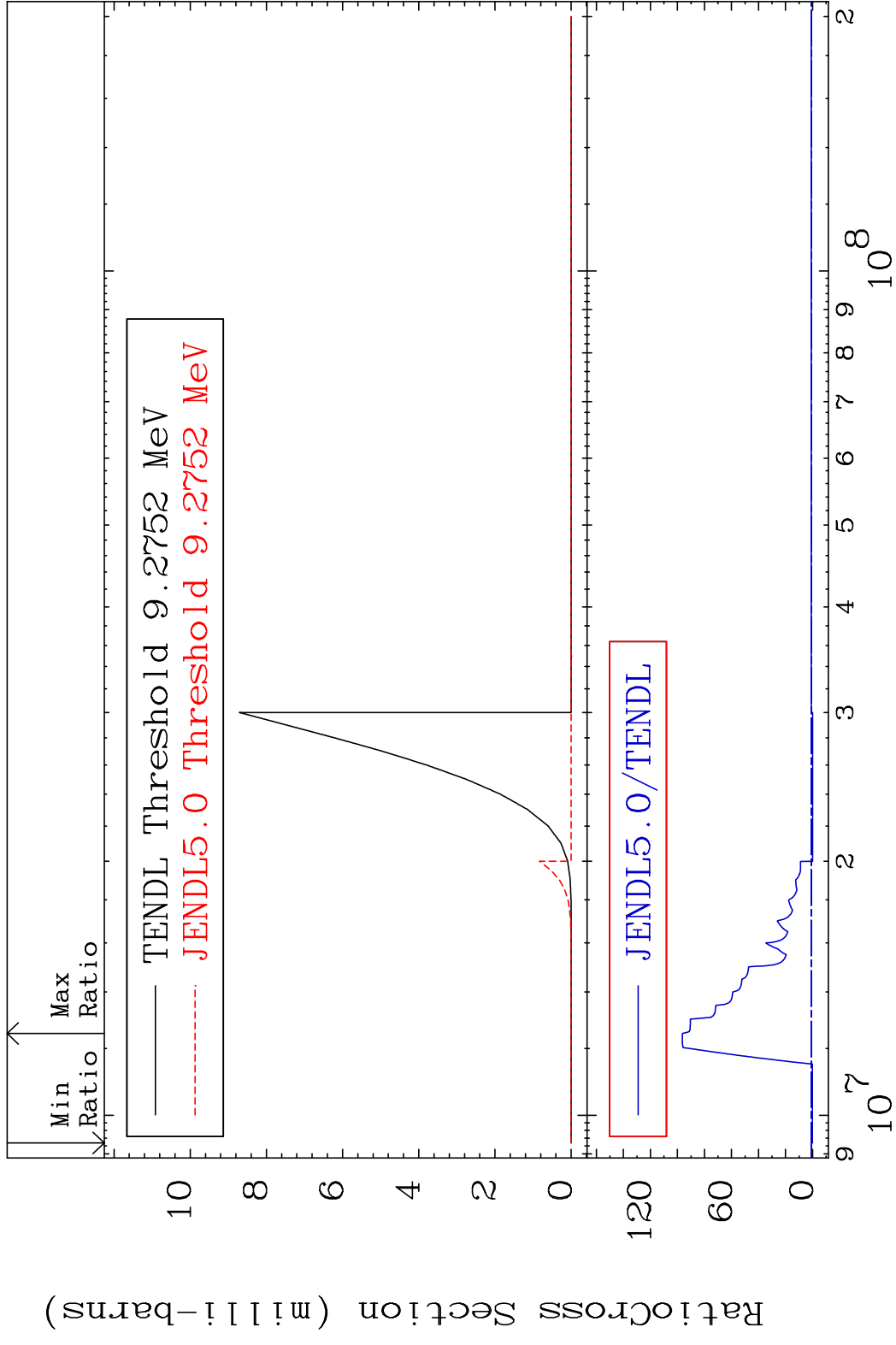
Incident Energy (eV)

81-Tl-200

MAT 8116 (n, n') p 81-Tl-200
 Cross Section -100.0 To 9999. %



MAT 8116 (n, n') d 81-Tl-200
 Cross Section -100.0 To 9537. %



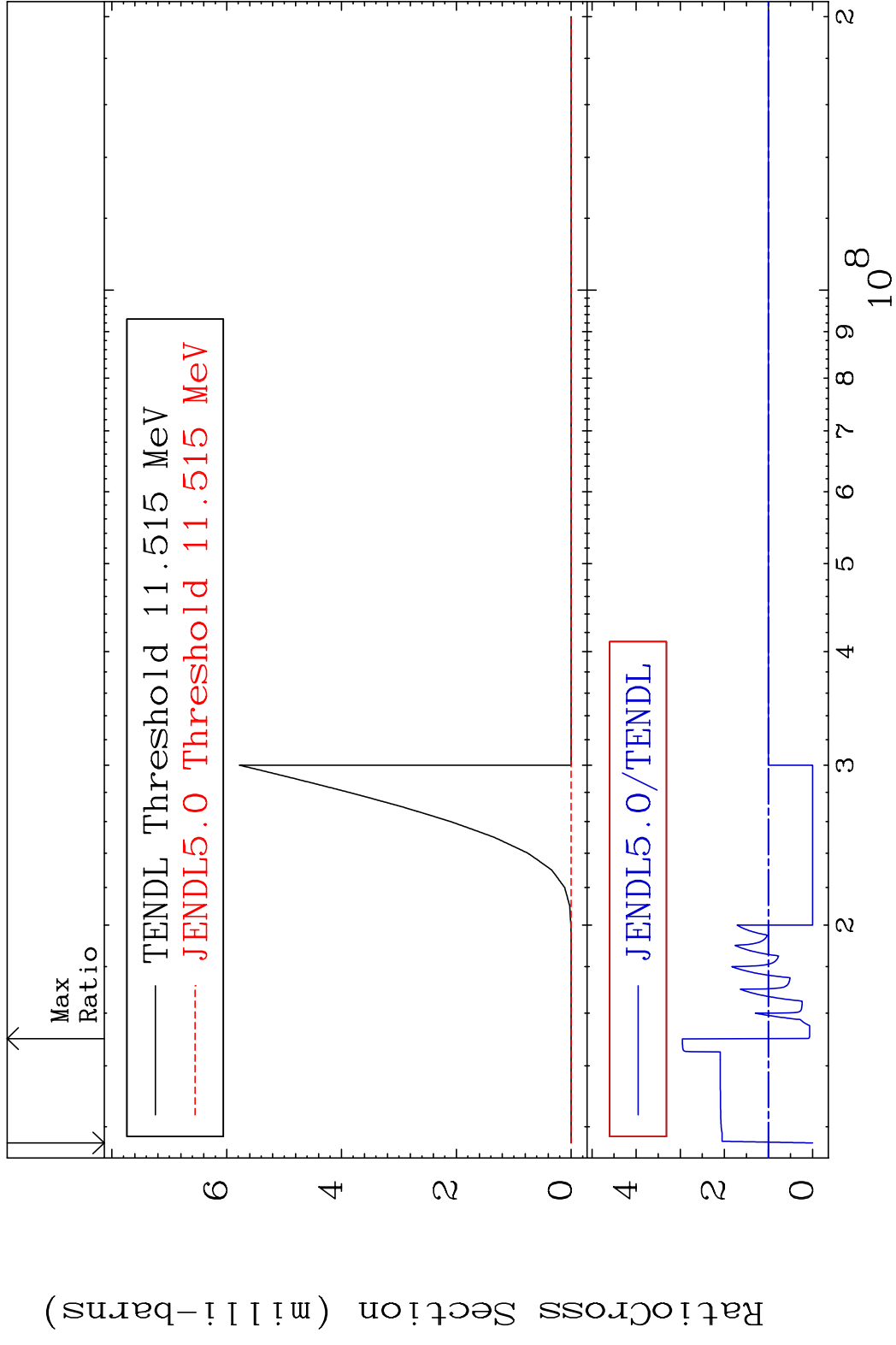
9 2 81-Tl-200

MAT 8116

(n, n') t

81-Tl-200

Cross Section -100.0 To 195.2 %

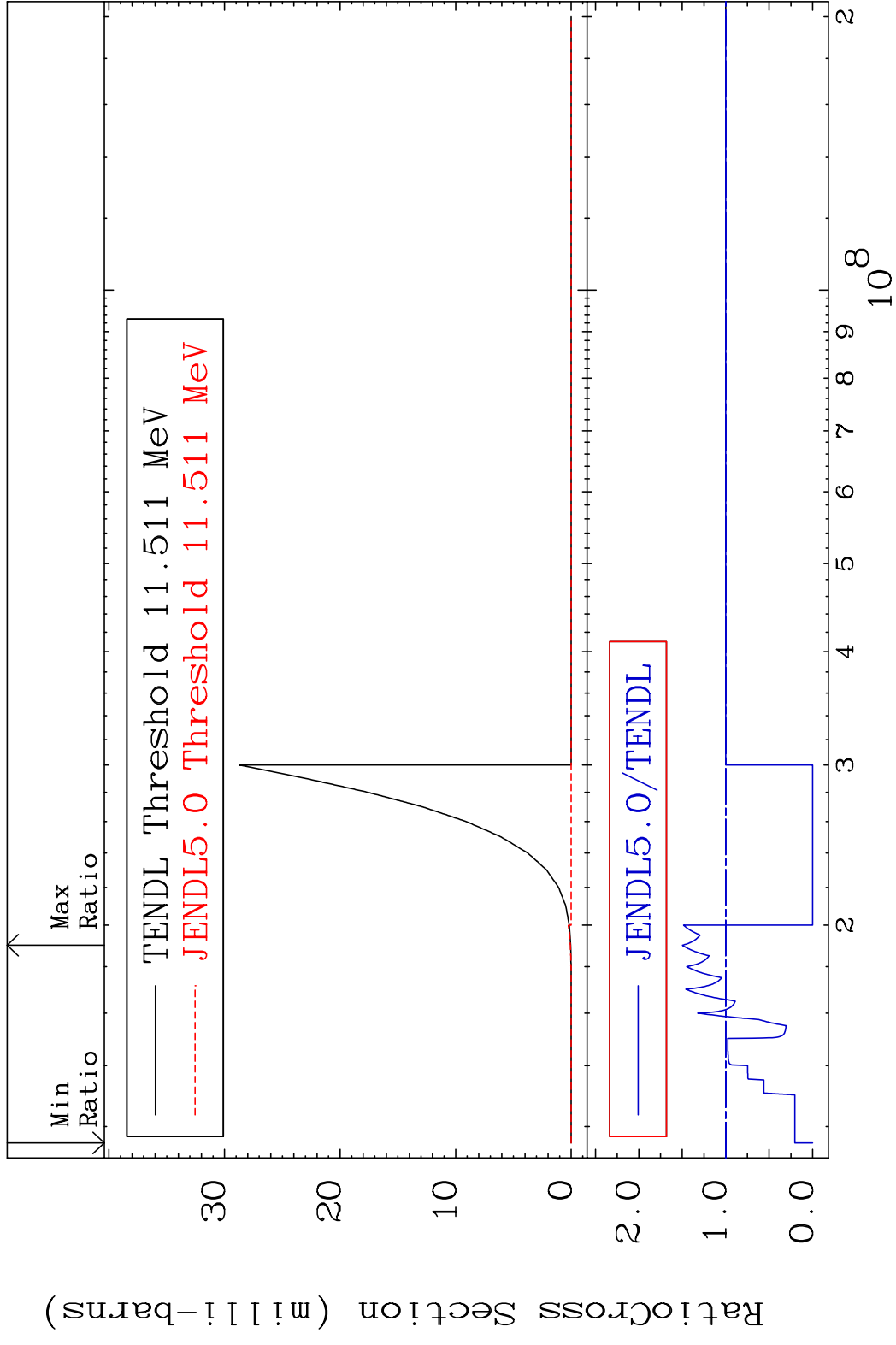


10

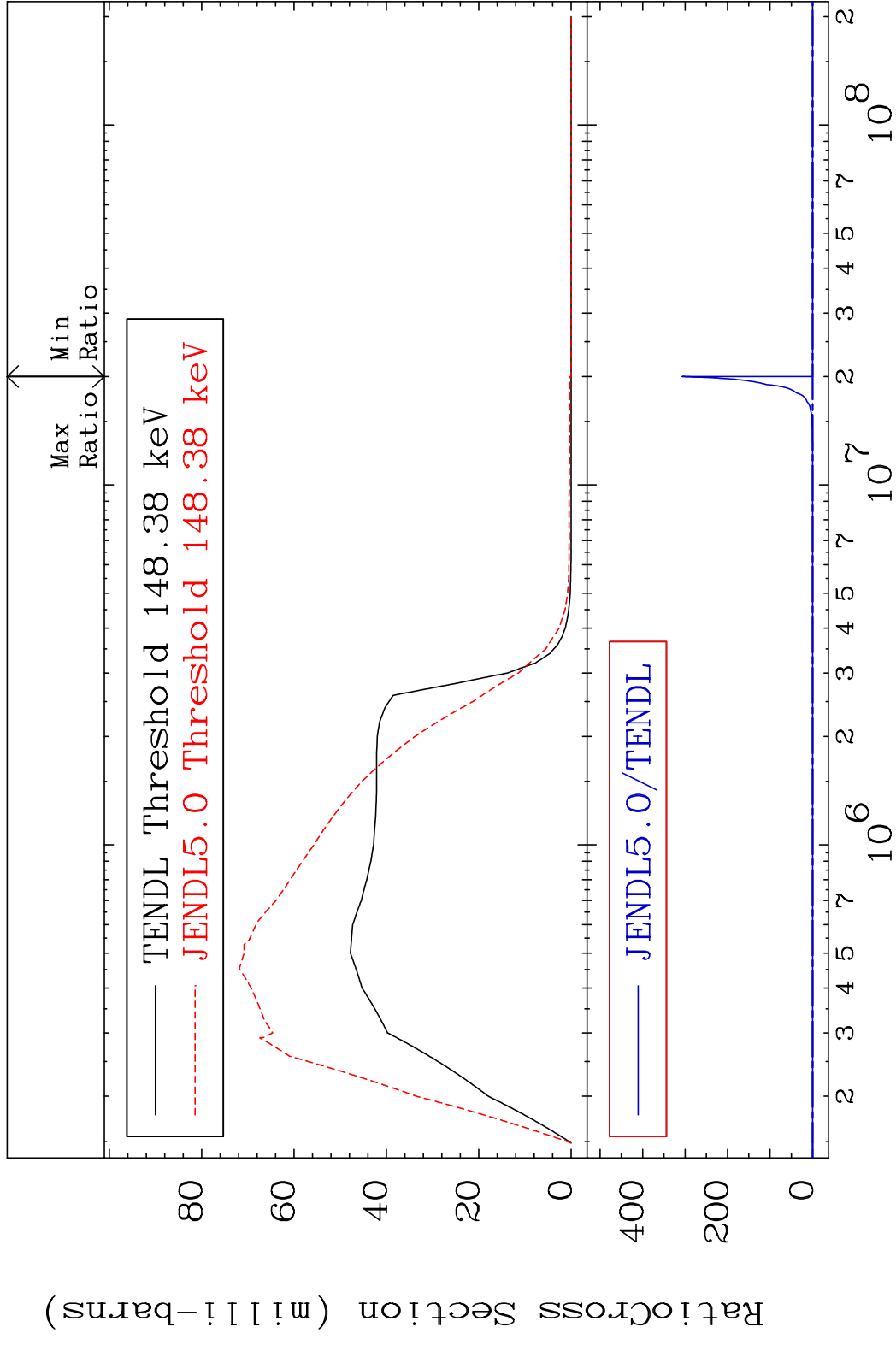
Incident Energy (eV)

81-Tl-200

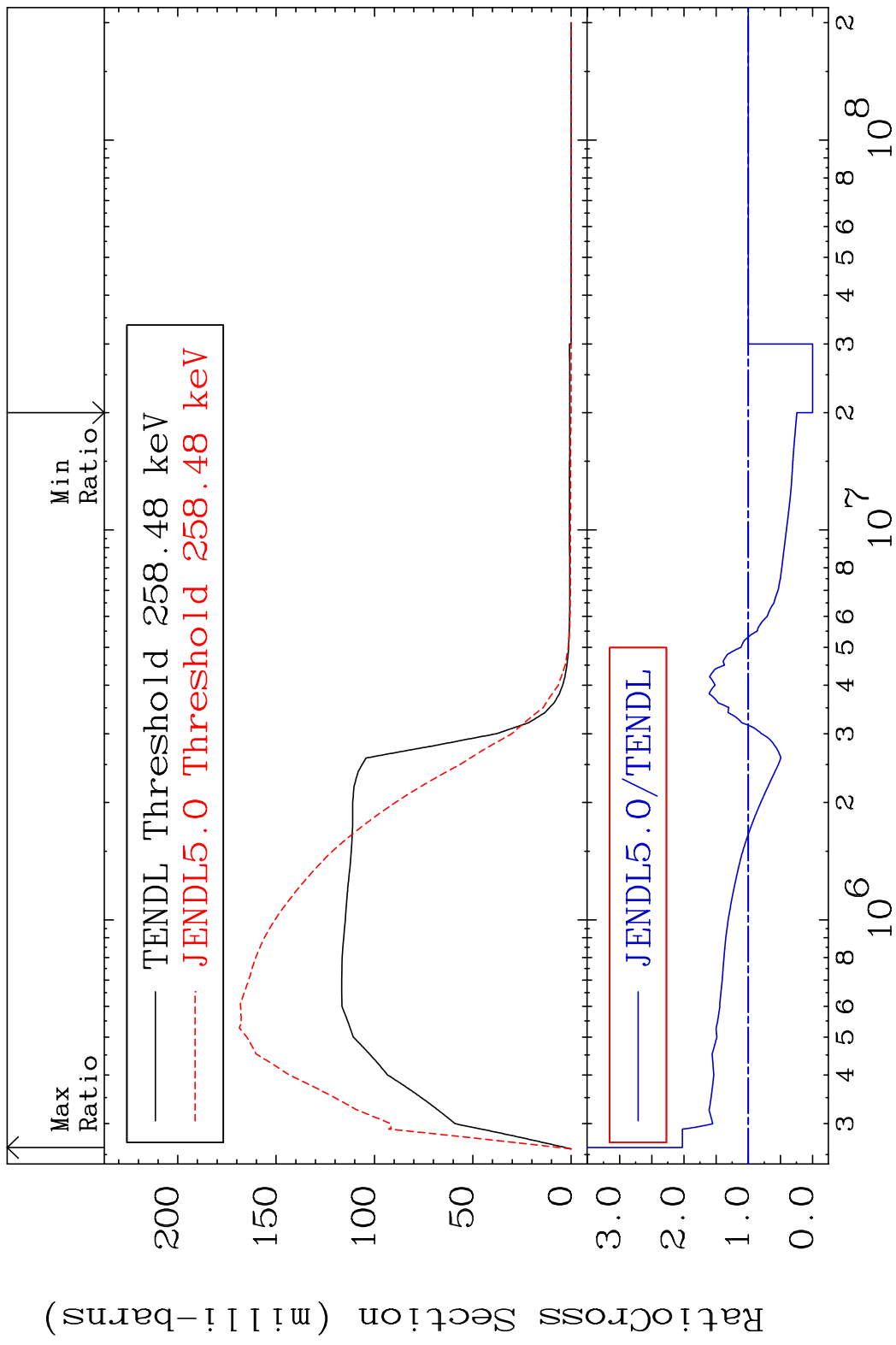
MAT 8116 (n,2n) p 81-Tl-200
 Cross Section -100.0 To 49.90 %



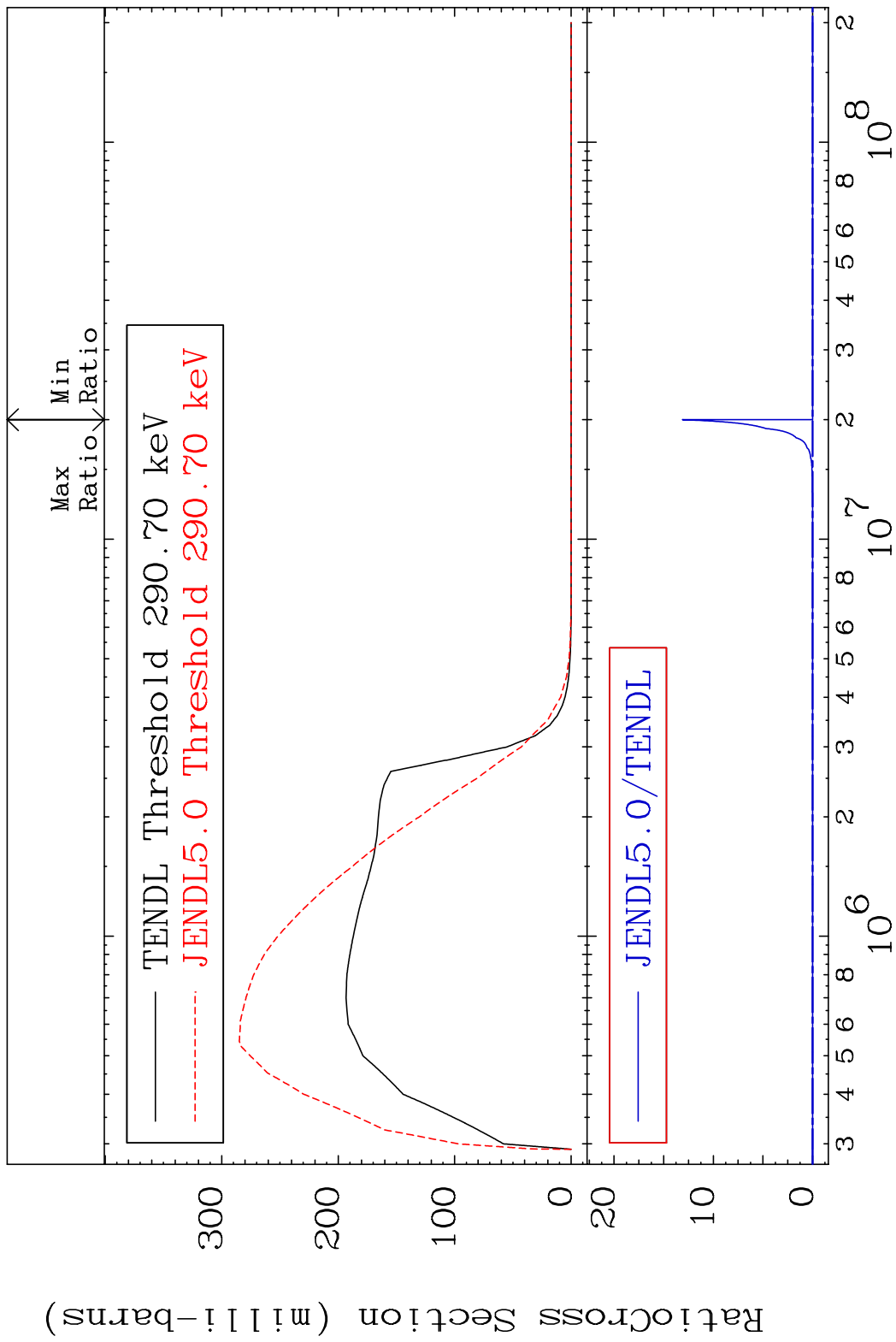
MAT 8116 MT= 51 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 9999. %



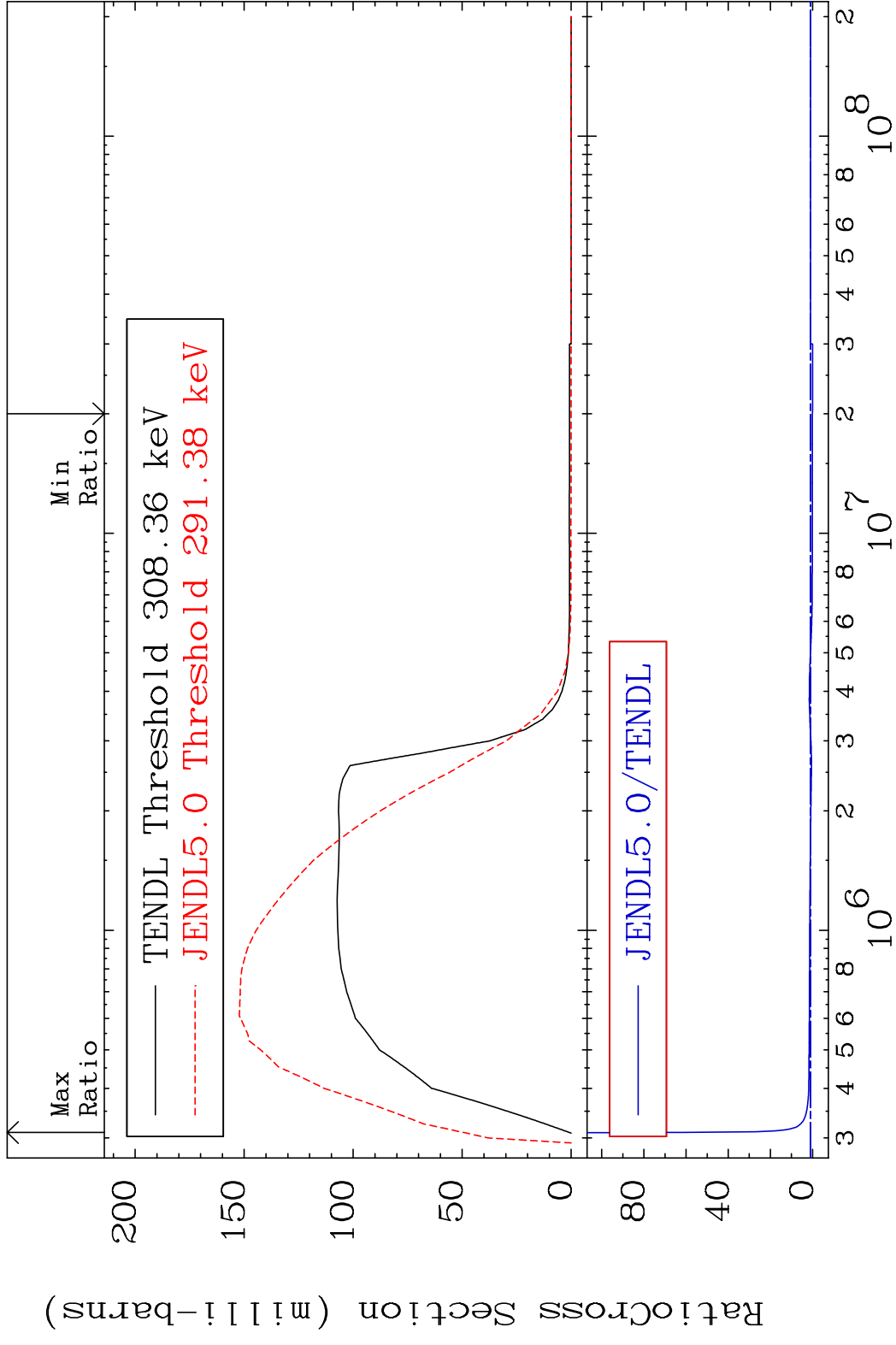
MAT 8116 MT= 52 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 102.5 %



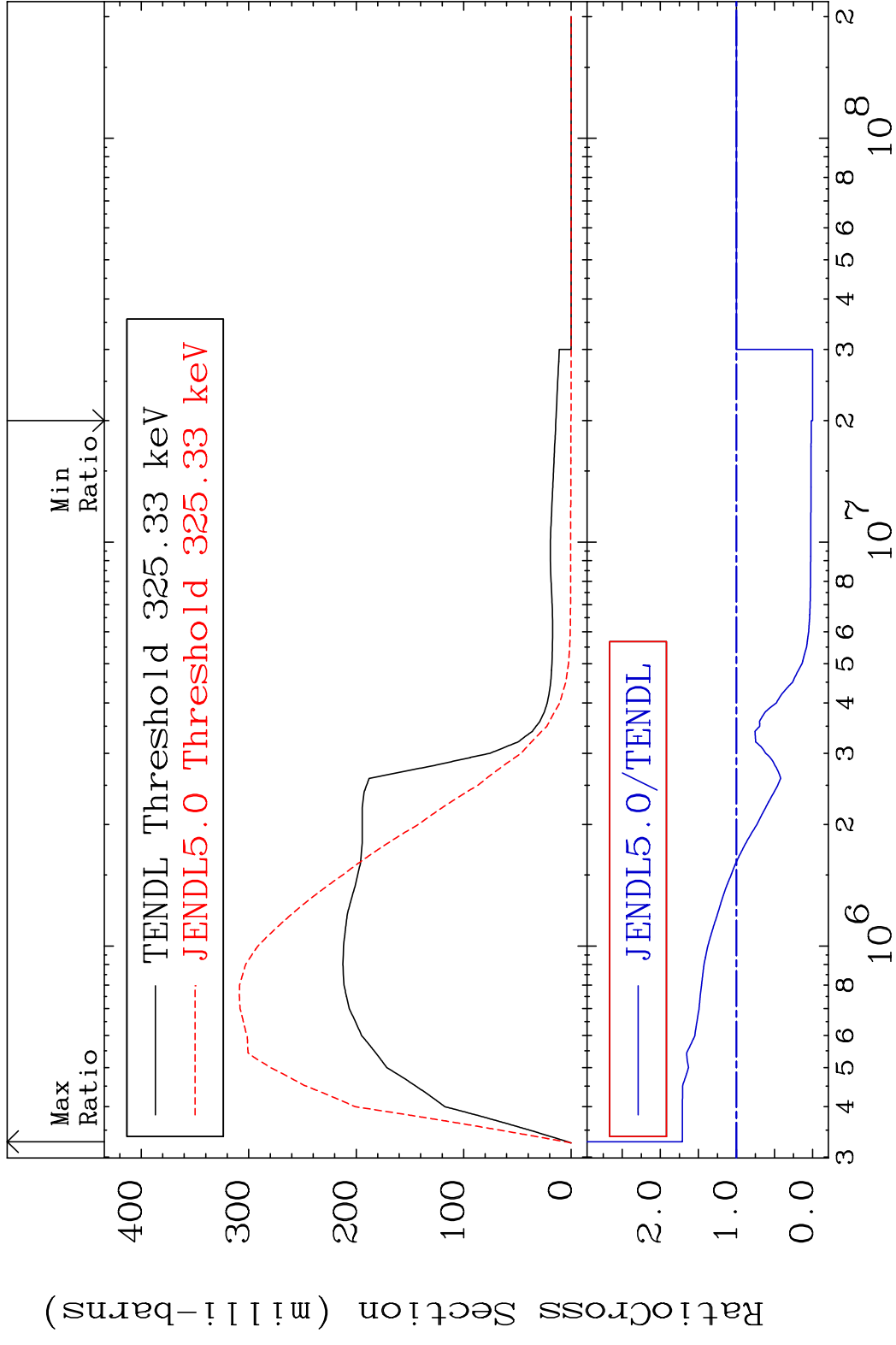
MAT 8116 MT= 53 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 9999. %



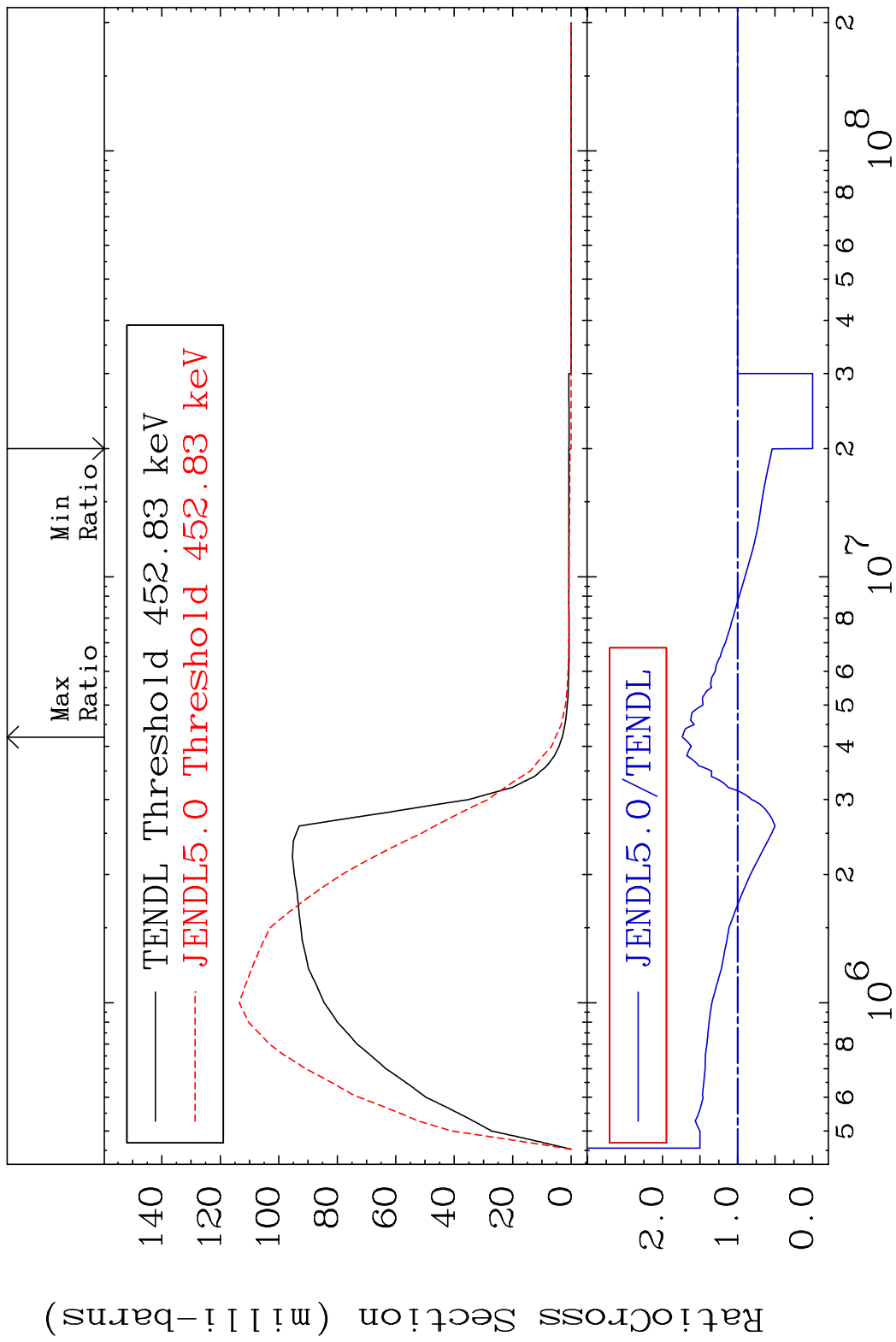
MAT 8116 MT= 54 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 6076. %



MAT 8116 MT= 55 (n,n') Level 81-Tl-200
 Cross Section -100.0 To 71.07 %

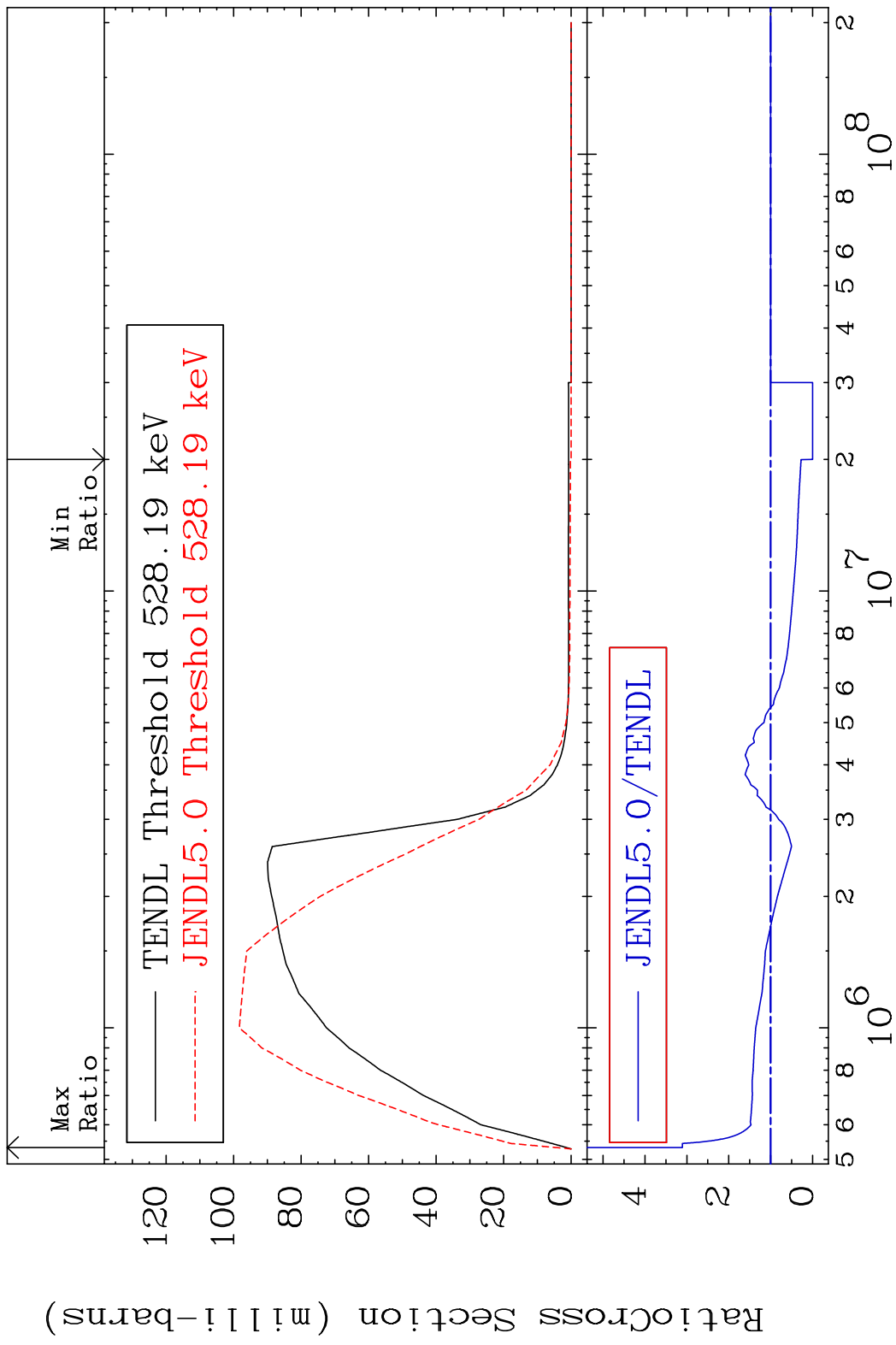


MAT 8116 MT= 56 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 73.60 %

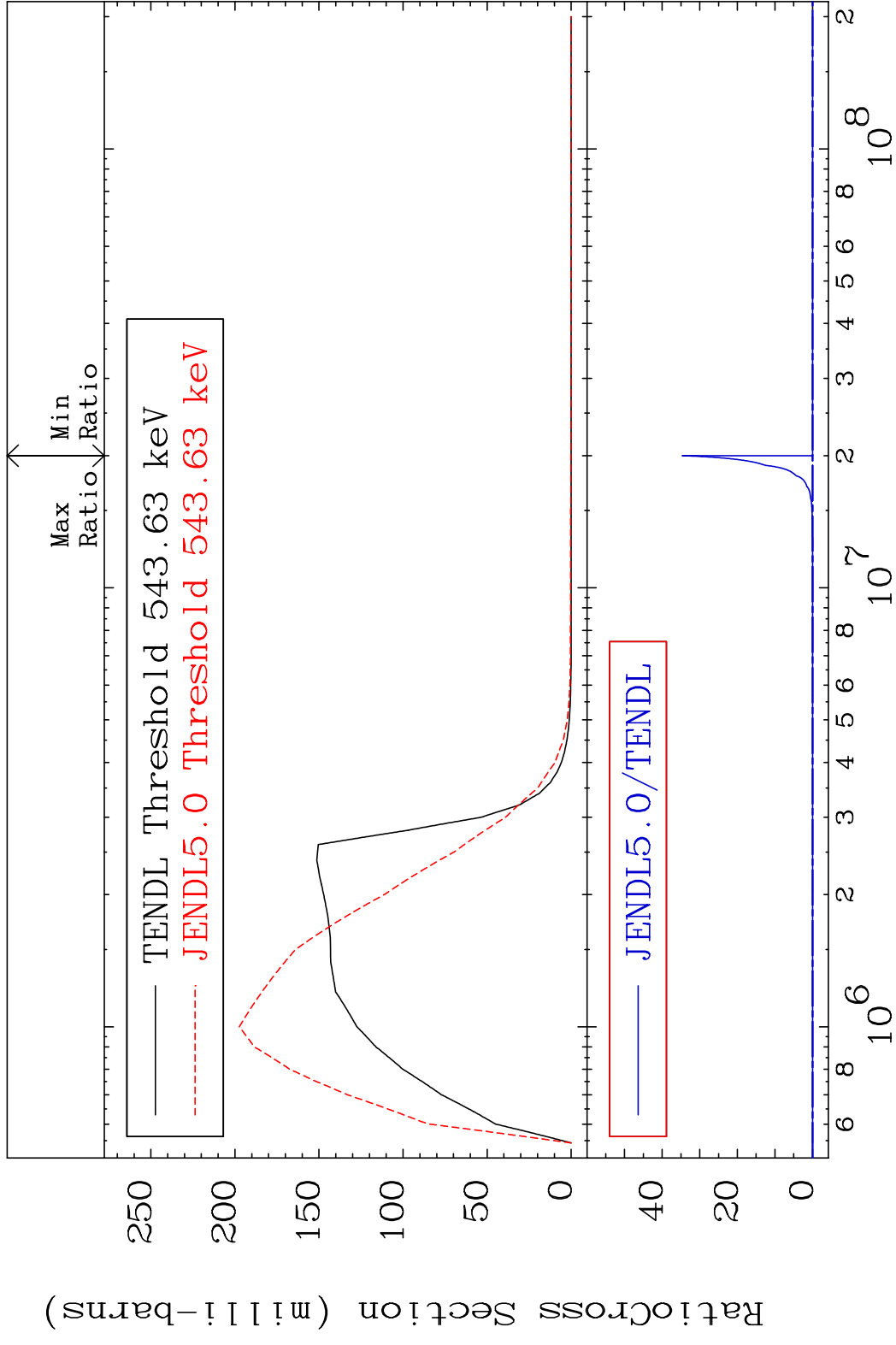


17 Incident Energy (eV) 81-Tl-200

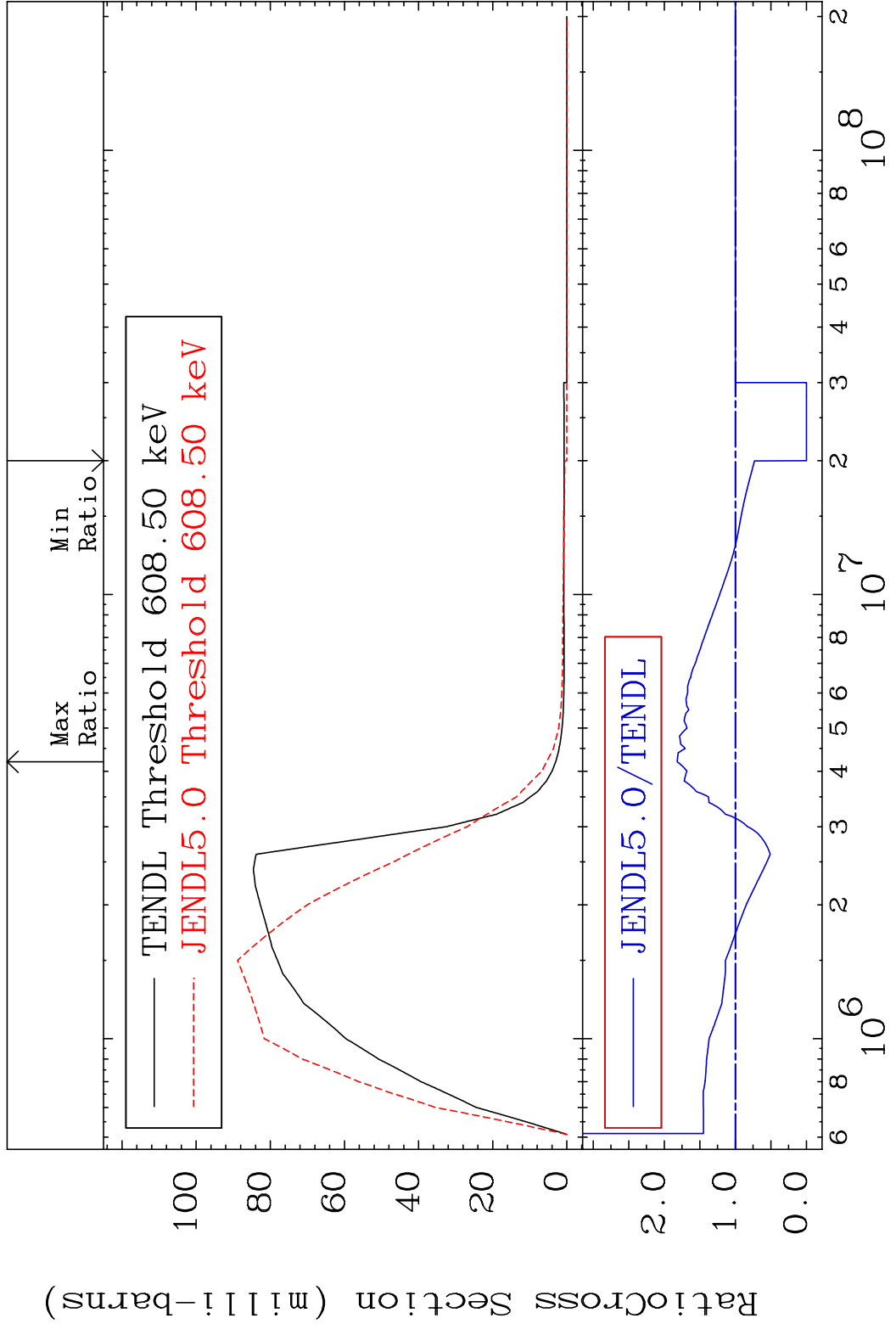
MAT 8116 MT= 57 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 210.7 %



MAT 8116 MT= 58 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 9999. %

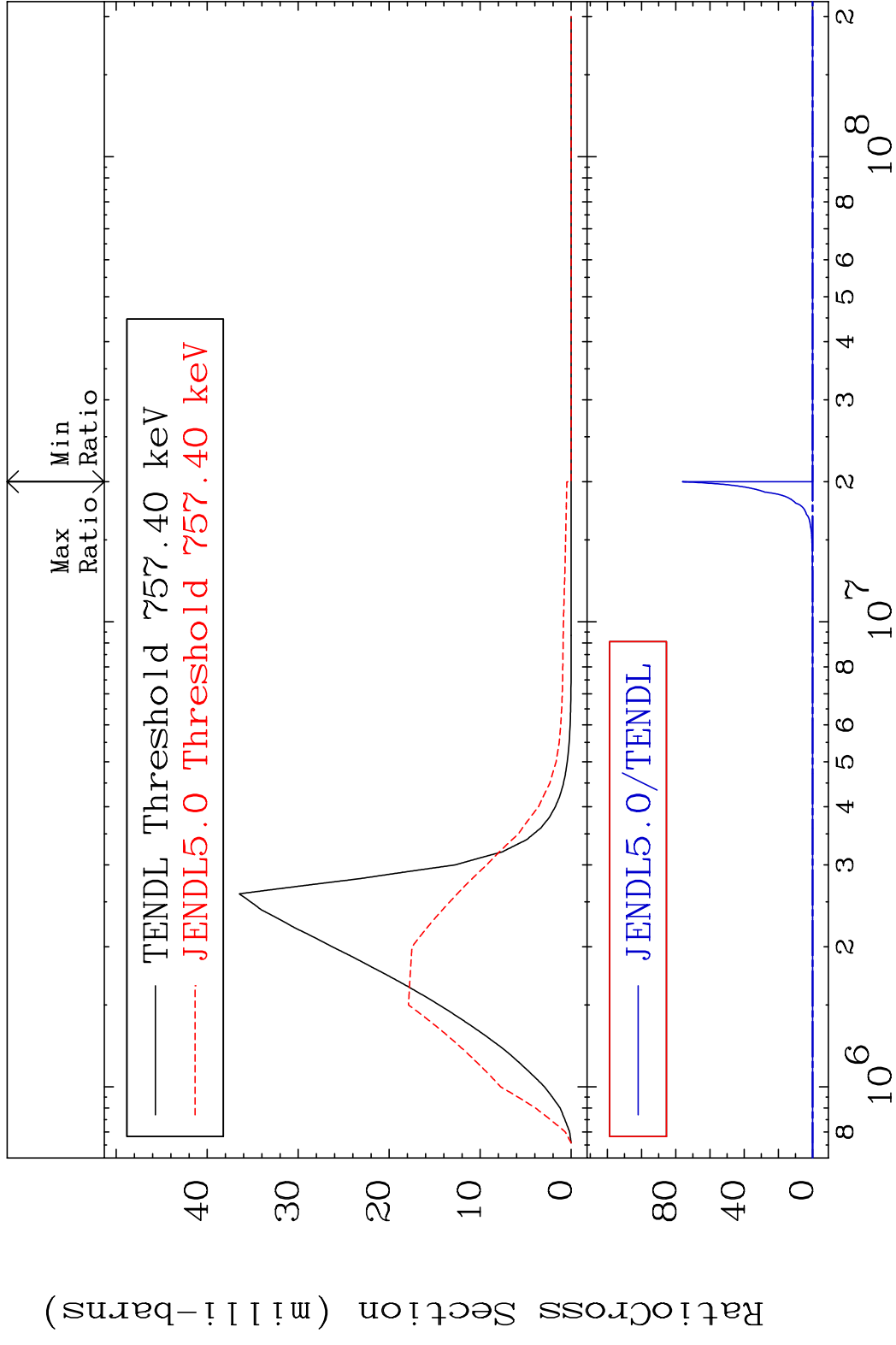


MAT 8116 MT= 59 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 81.80 %



20 Incident Energy (eV) 81-Tl-200

MAT 8116 MT= 60 (n, n') Level 81-Tl-200
 Cross Section -100.0 To 9999. %

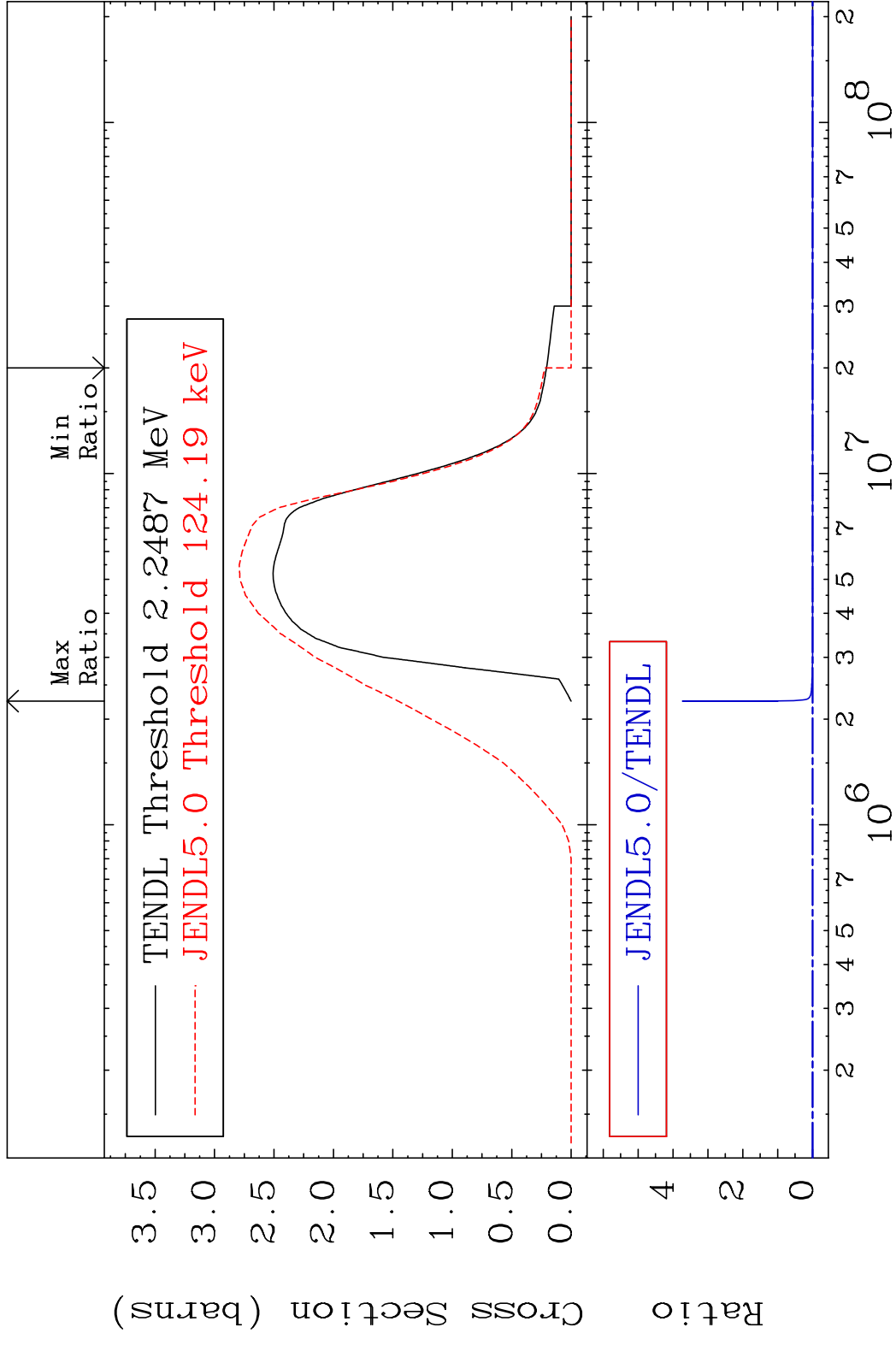


MAT 8116

(n, n') Continuum

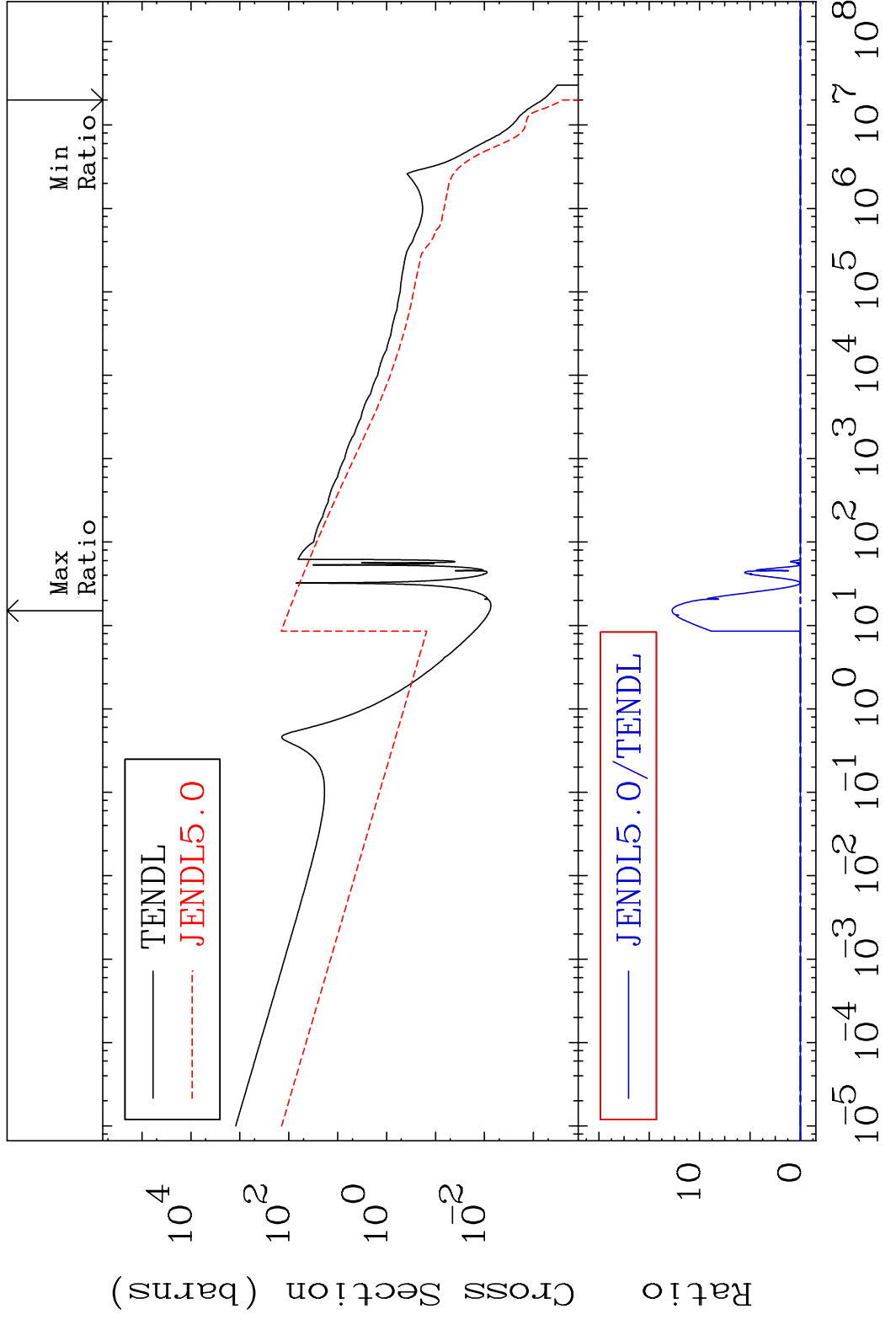
81-Tl-200

Cross Section -100.0 To 9999. %



MAT 8116

(n, γ)
Cross Section -100.0 To 9999. %
81-Tl-200

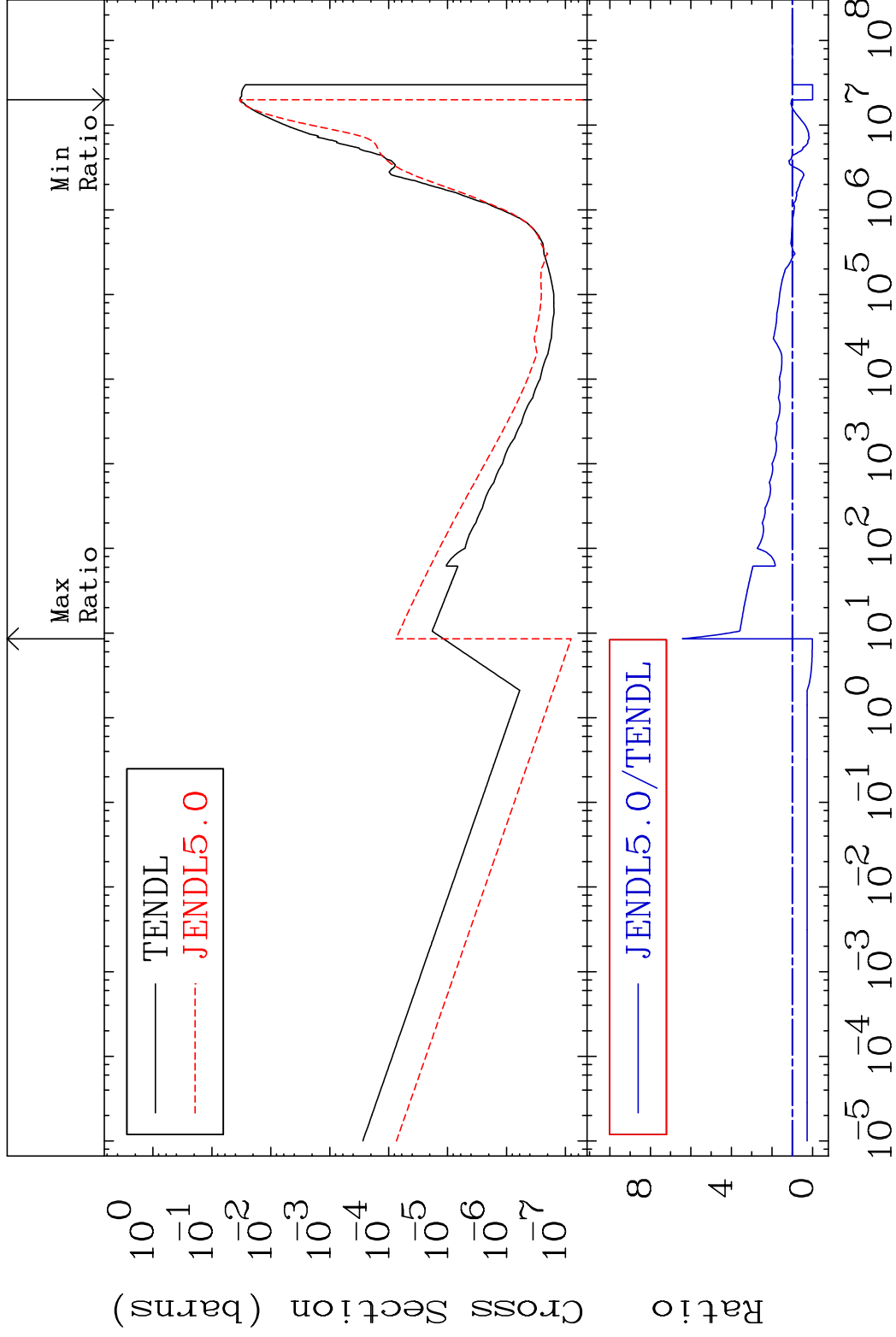


MAT 8116

(n, p)

81-Tl-200

Cross Section -100.0 To 542.2 %

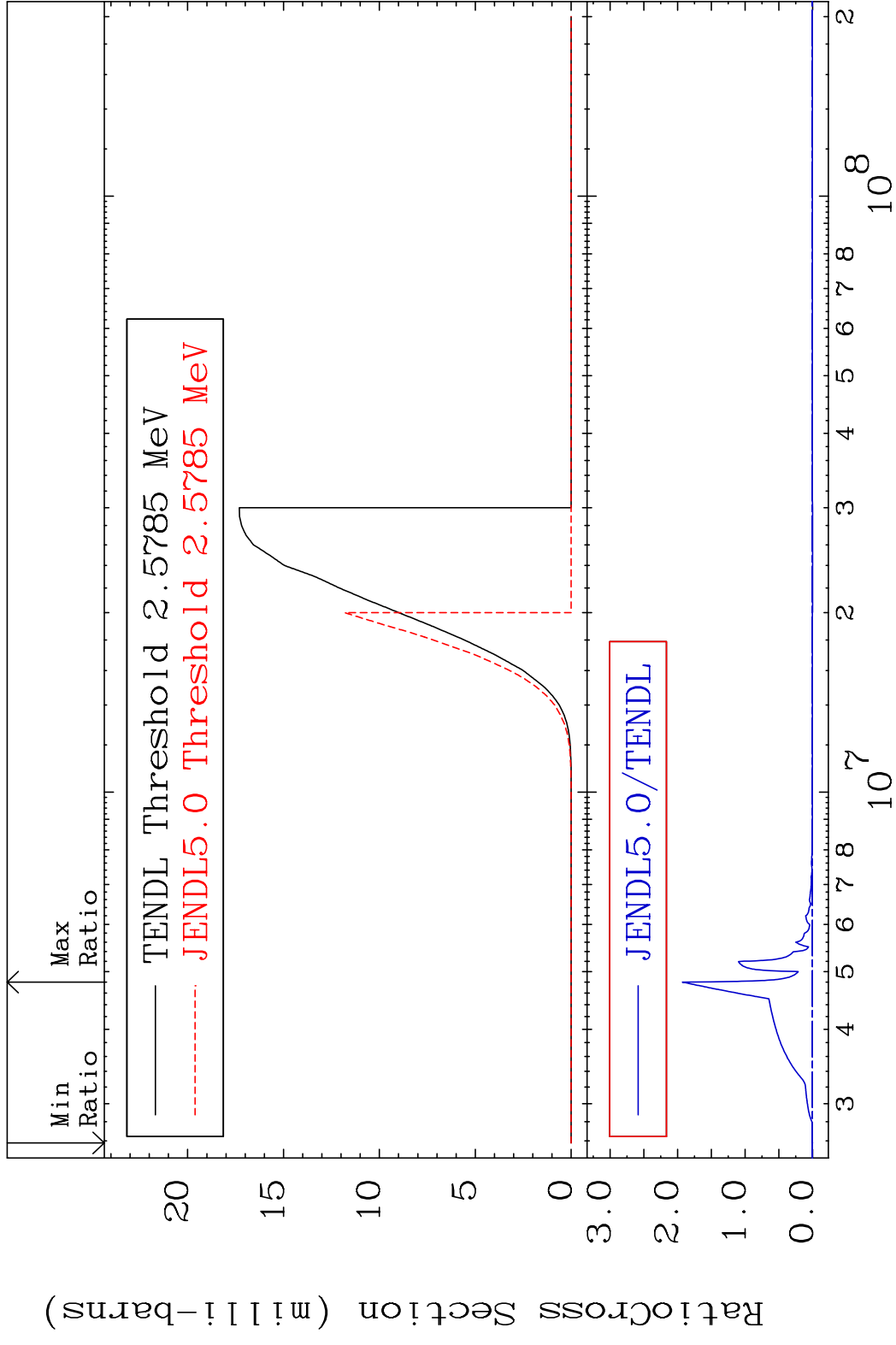


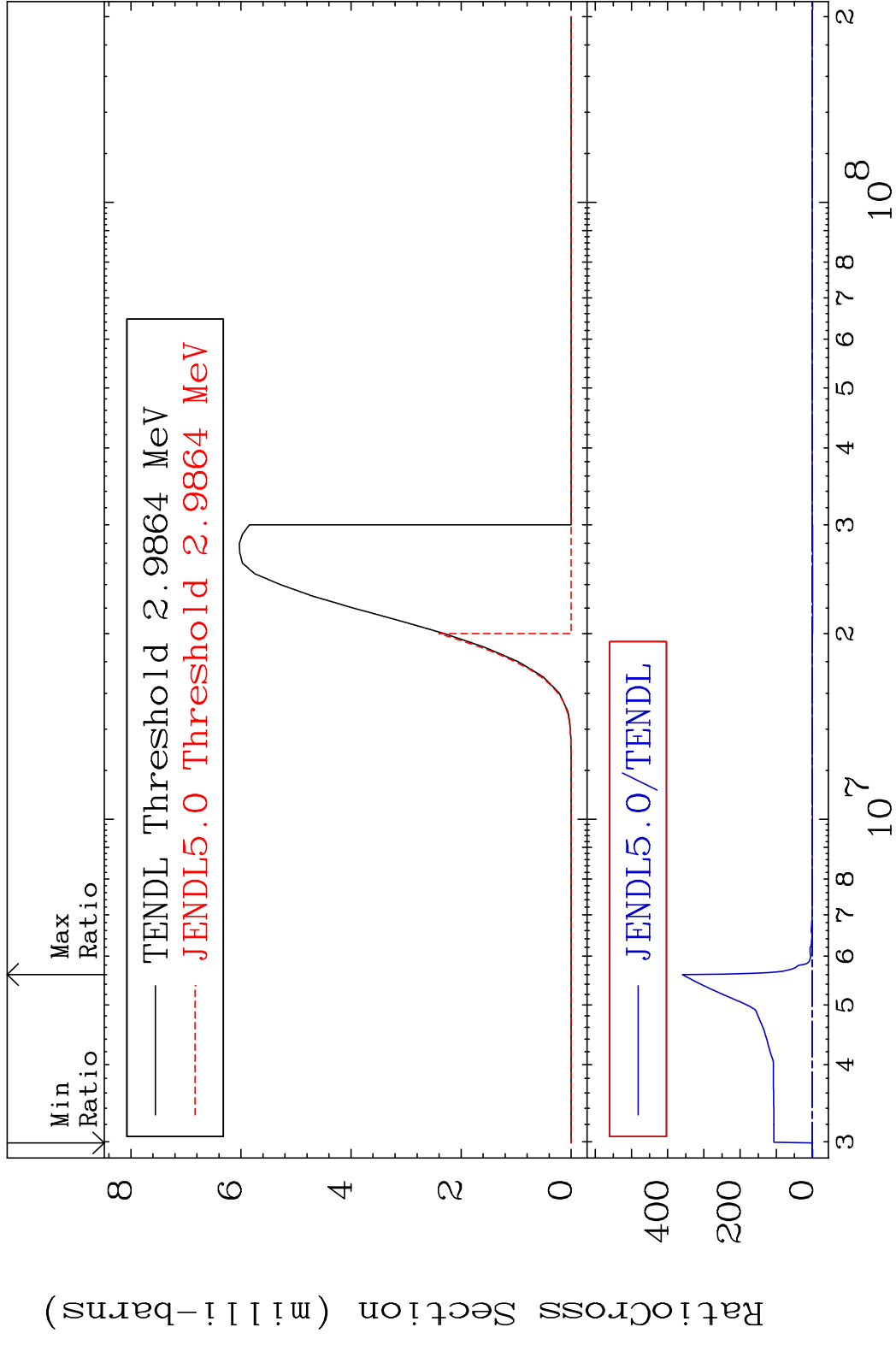
24

Incident Energy (eV)

81-Tl-200

MAT 8116 (n,d) 81-Tl-200
 Cross Section -100.0 To 9999. %



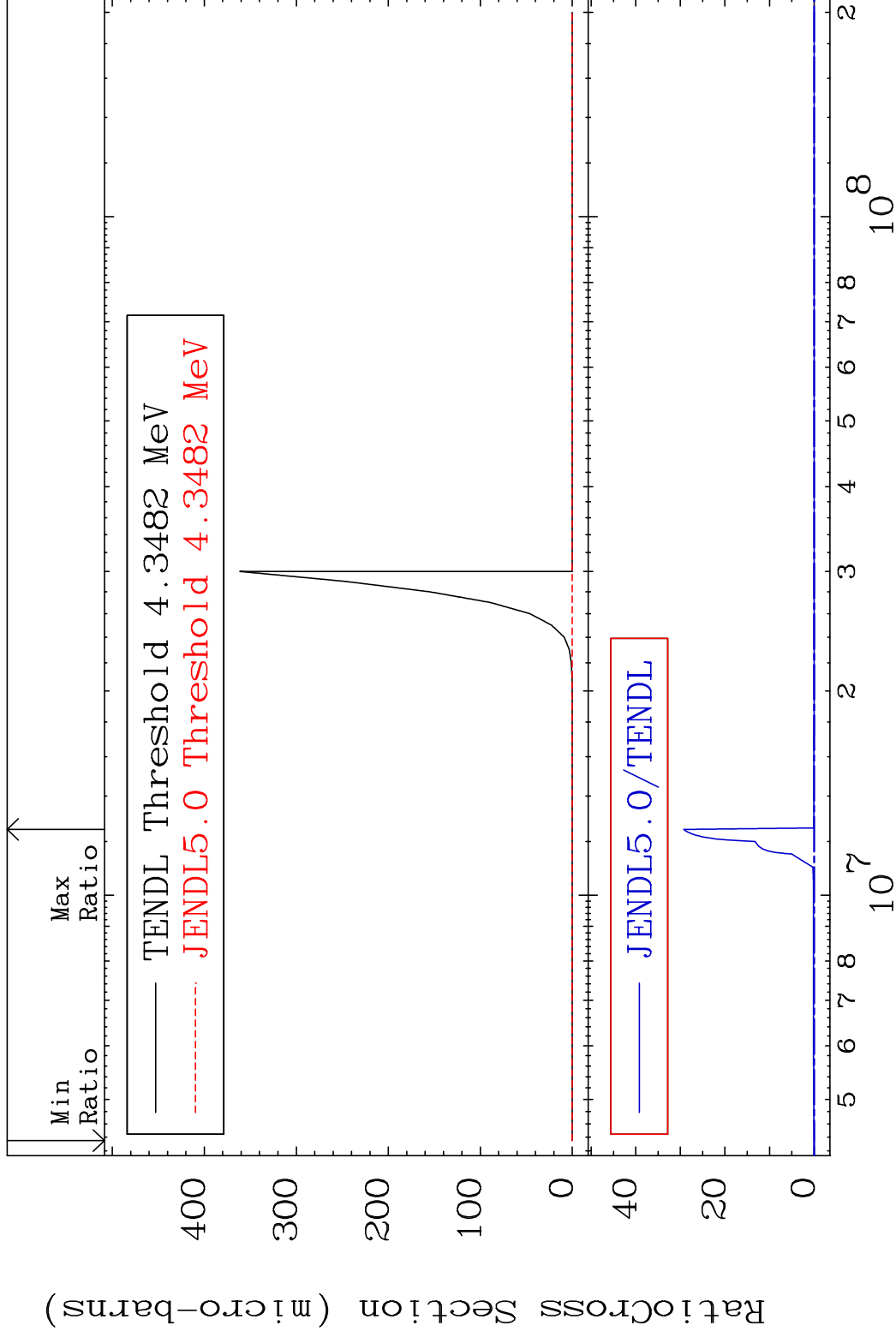


MAT 8116

(n, He-3)

81-Tl-200

Cross Section -100.0 To 9999. %



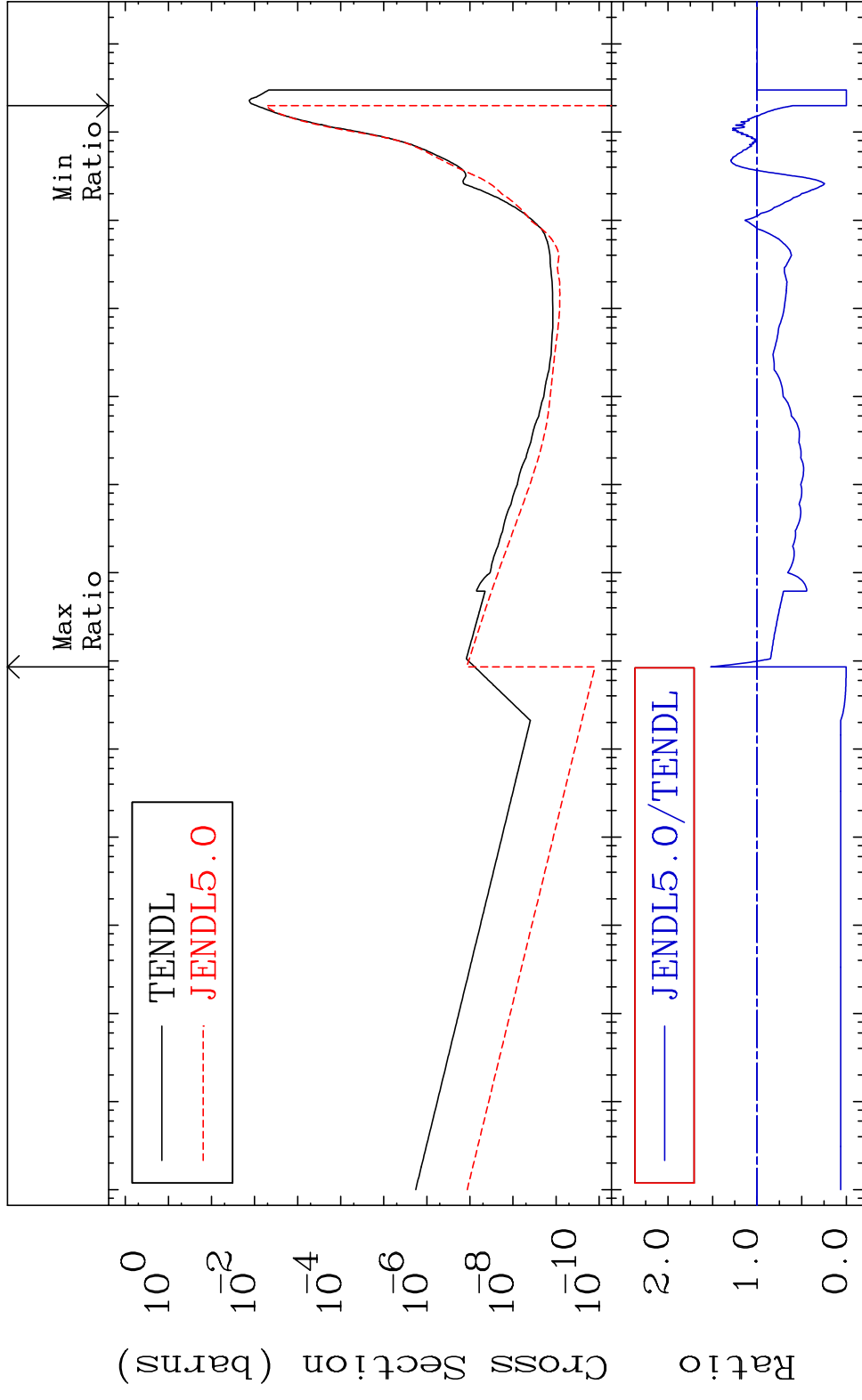
27

Incident Energy (eV)

81-Tl-200

MAT 8116

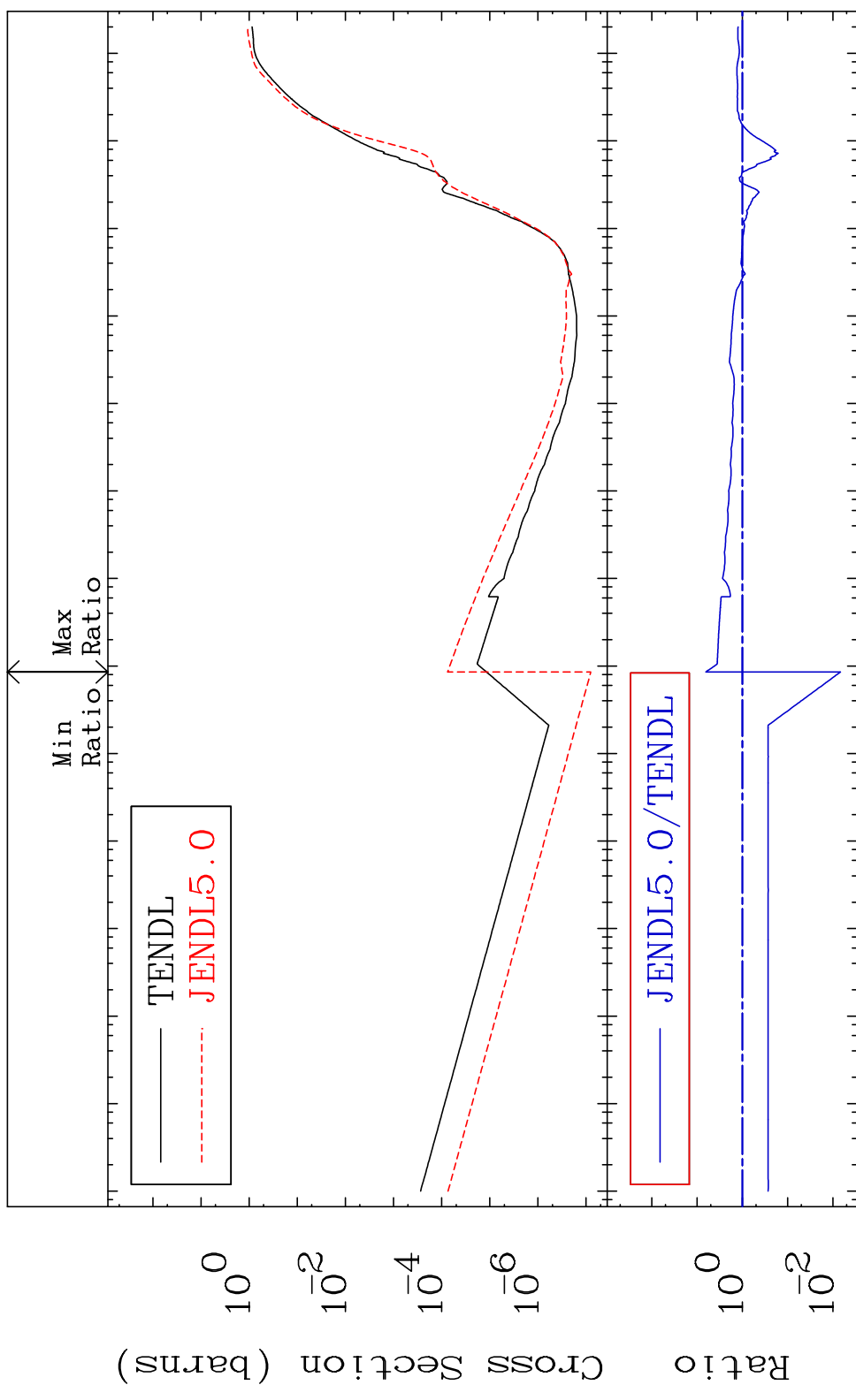
(n, α)
Cross Section -100.0 To 52.06 %



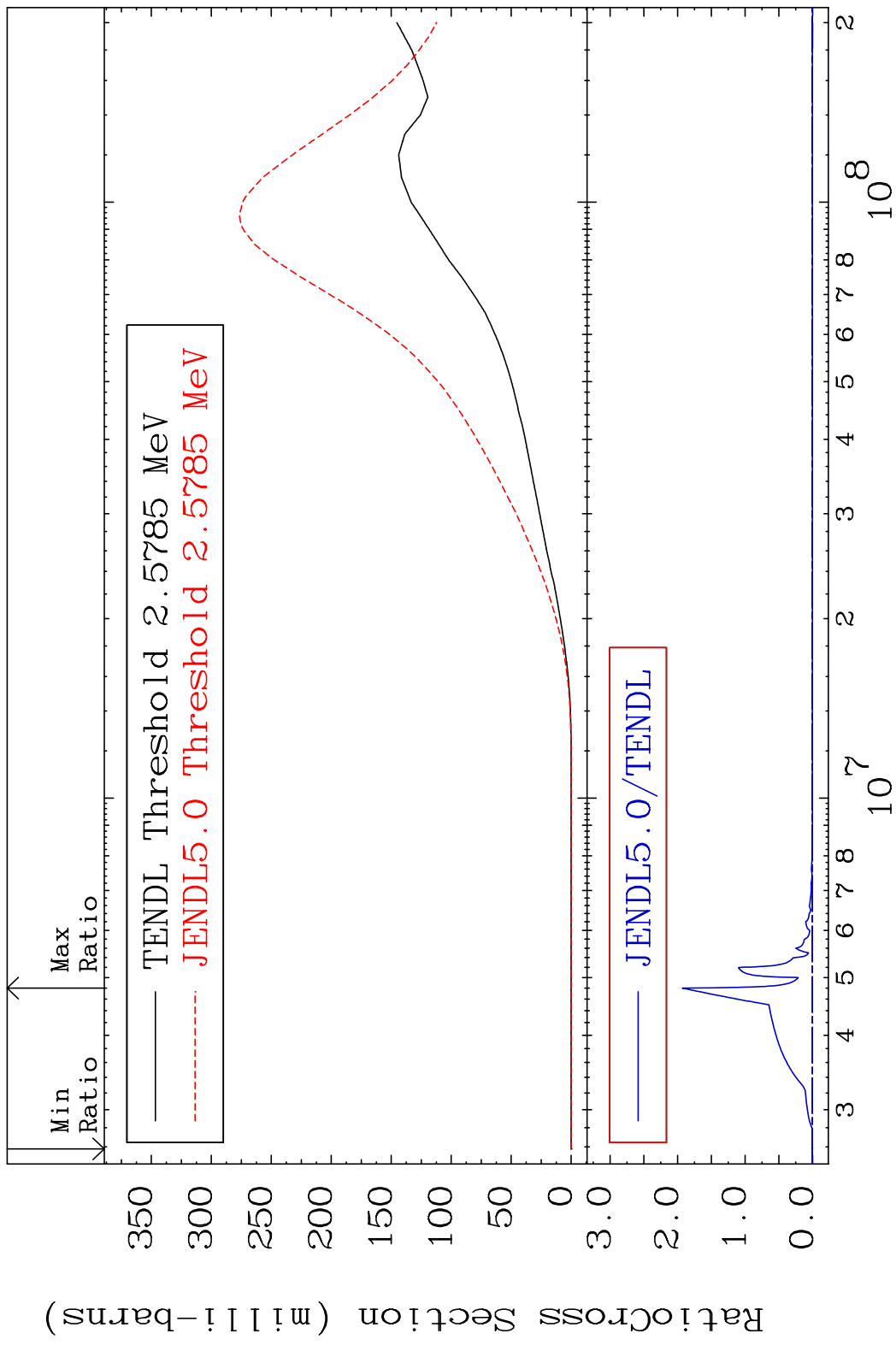
MAT 8116

Hydrogen Production
Cross Section -99.32 To 542.2 %

81-T1-200

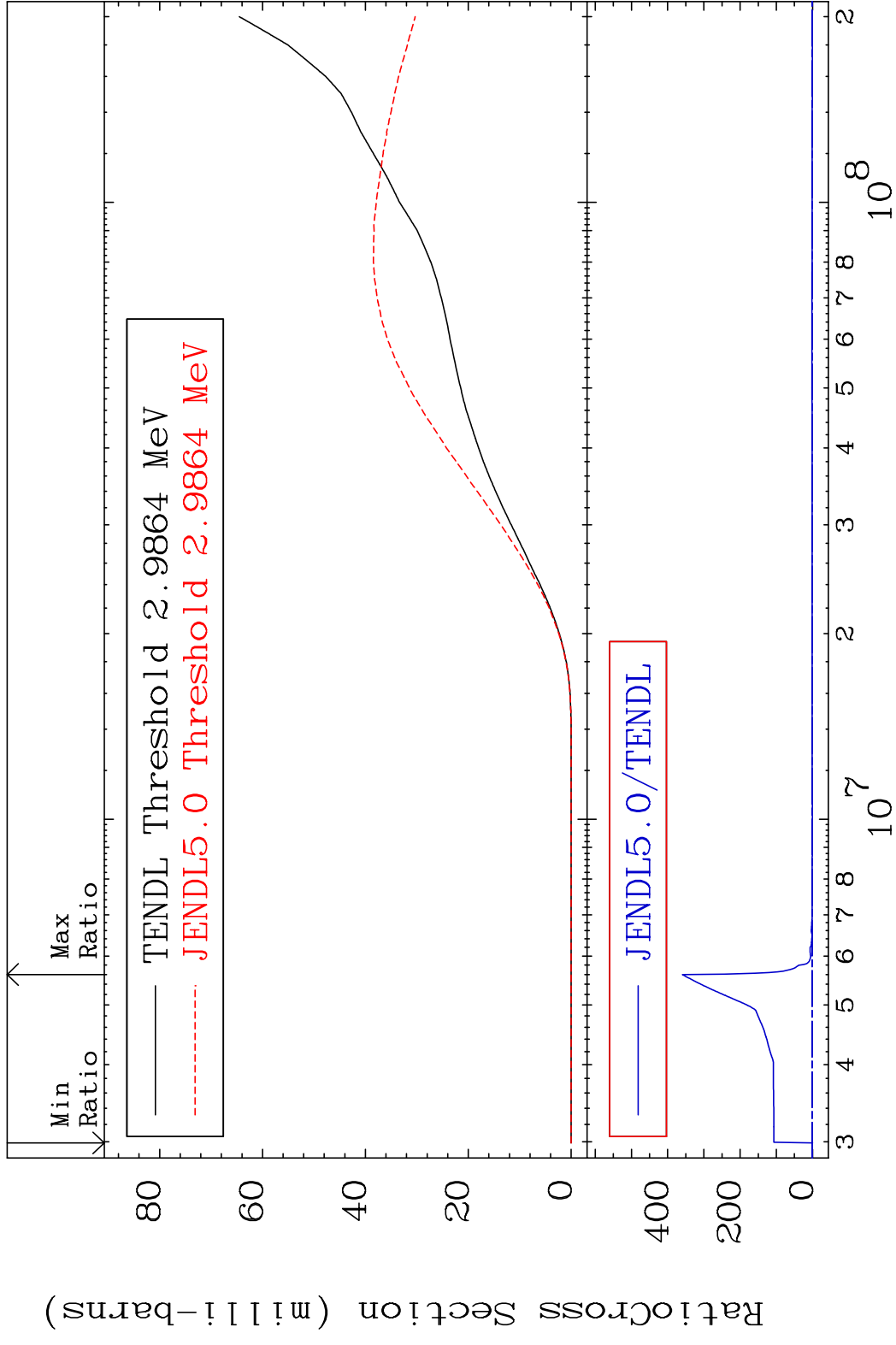


MAT 8116 Deuterium Production 81-Tl-200
 Cross Section -100.0 To 9999. %

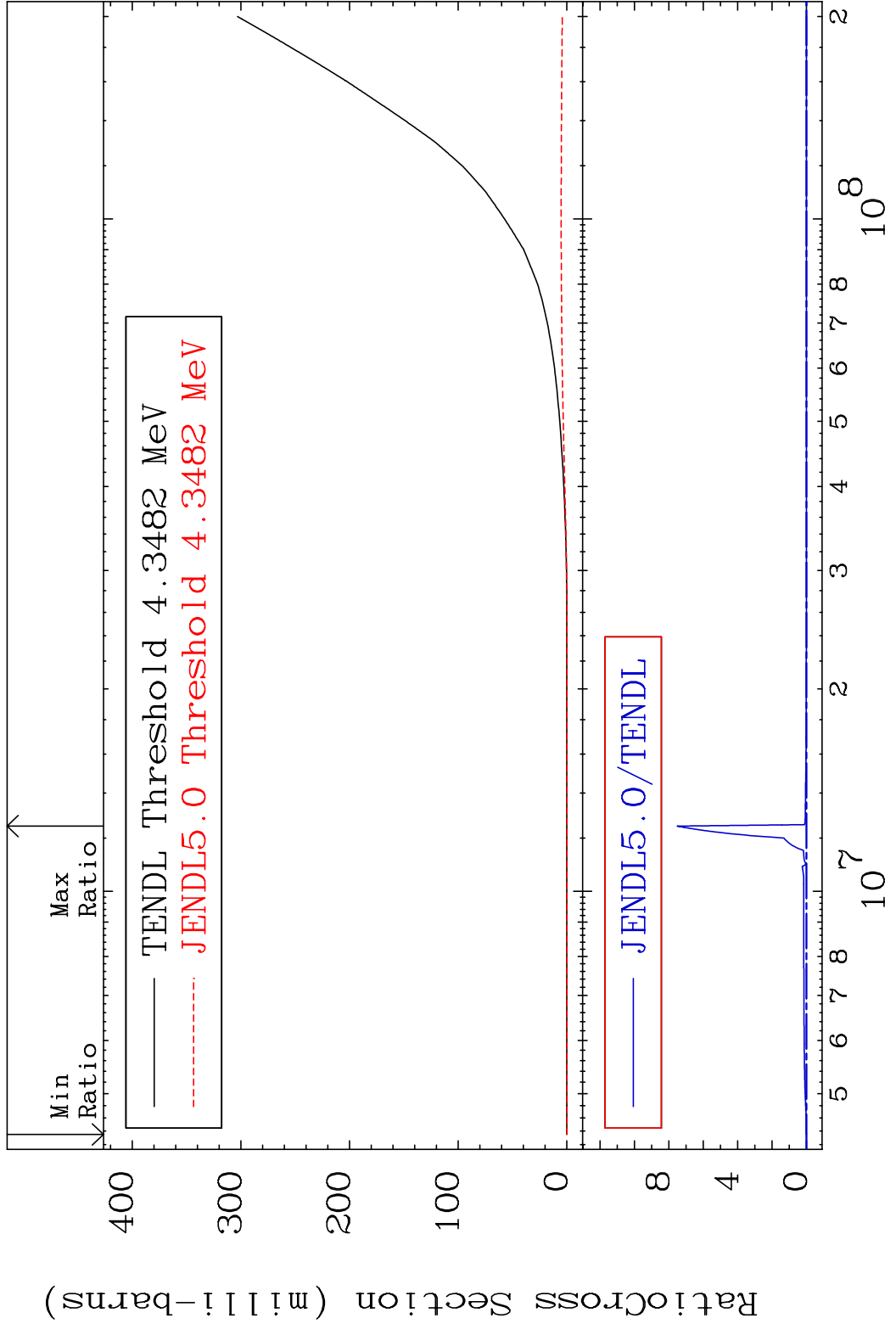


30 30 Incident Energy (eV) 81-Tl-200

MAT 8116 Tritium Production 81-Tl-200
 Cross Section -100.0 To 9999. %



MAT 8116 He-3 Production 81-T1-200
 Cross Section -100.0 To 9999. %

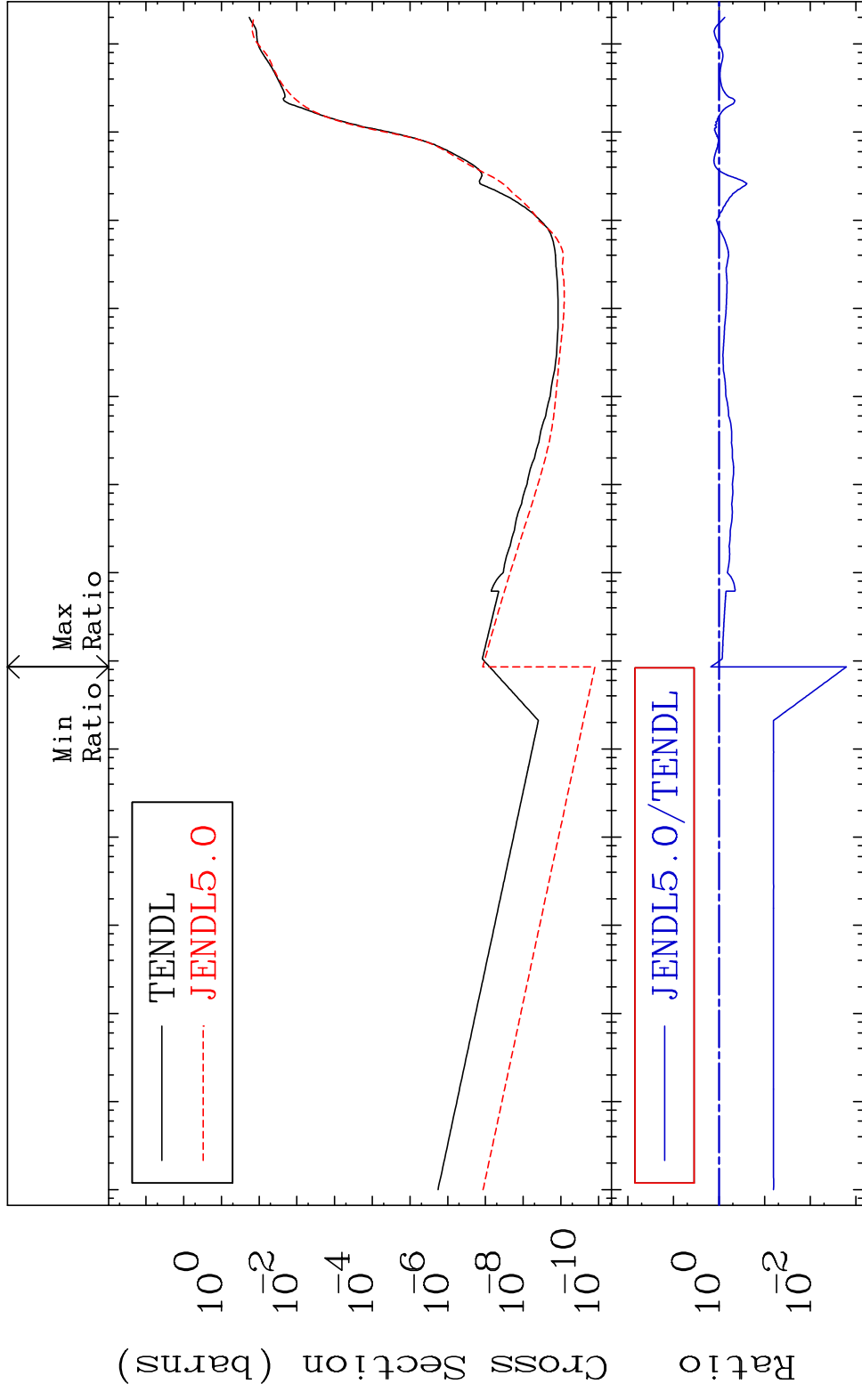


32 Incident Energy (eV) 81-T1-200

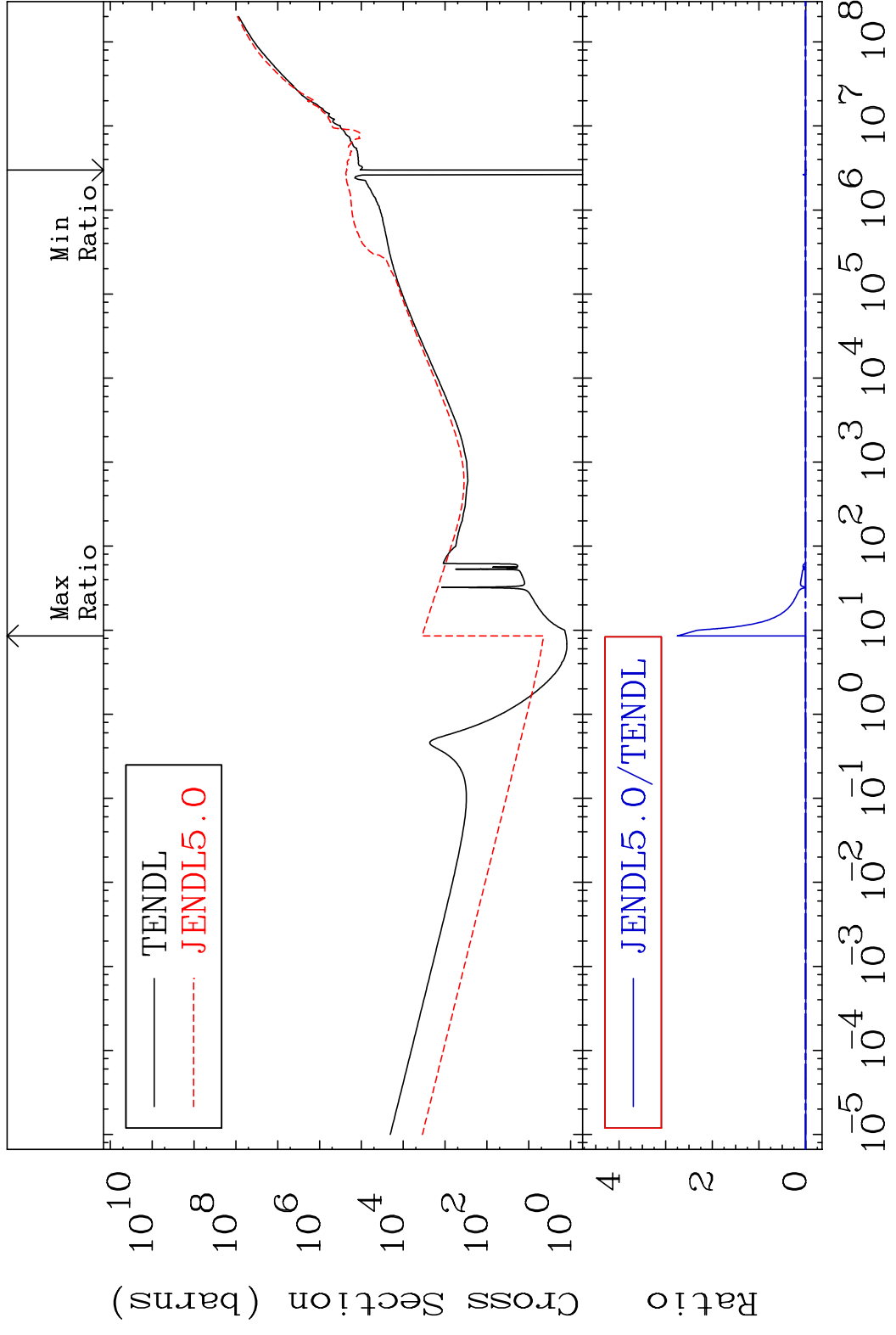
MAT 81116

He-4 Production
Cross Section -99.84 To 52.06 %

81-T1-200

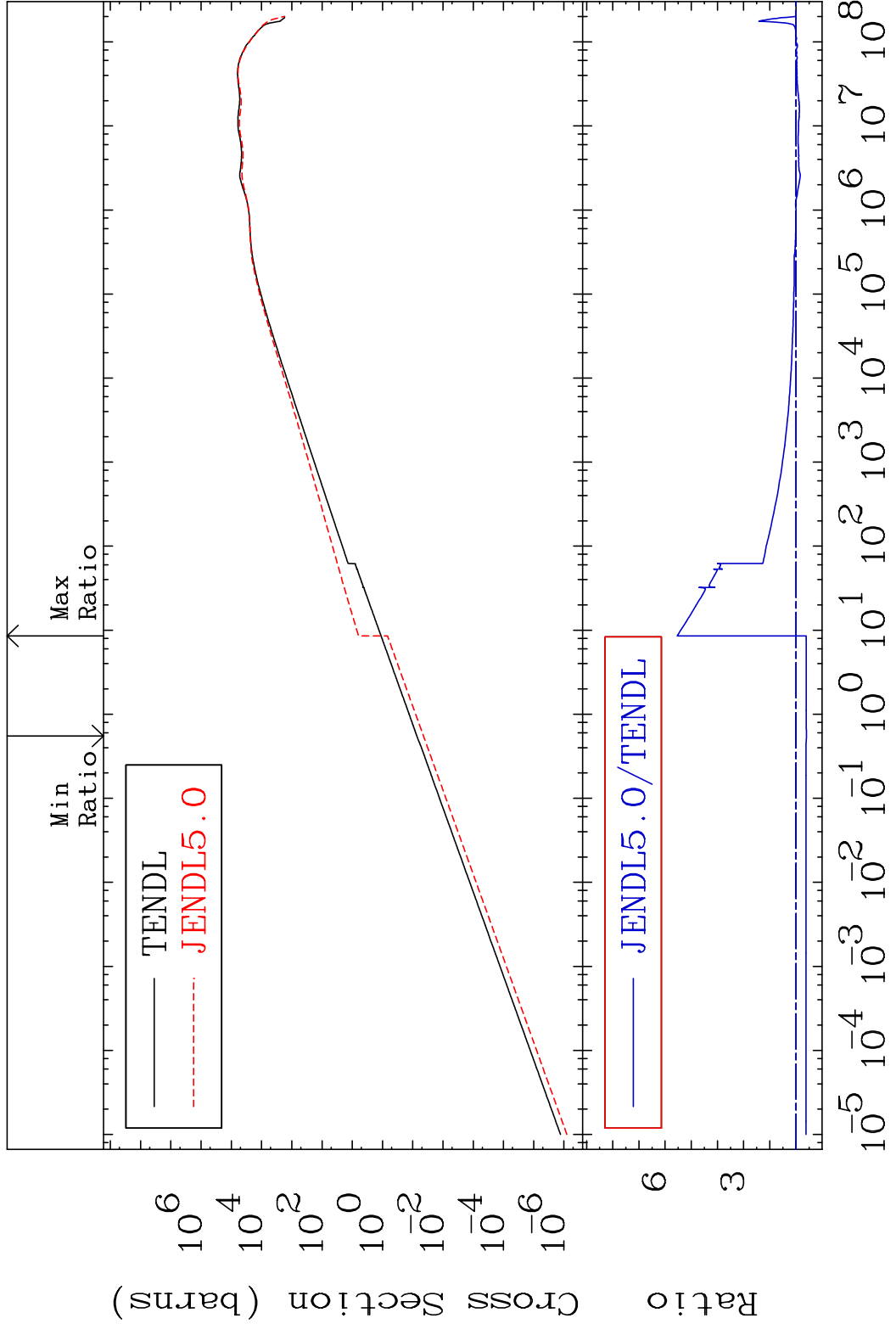


MAT 8116 Kerma total (eV-barns) 81-Tl-200
 Cross Section -1674. To 9999. %



MAT 81116

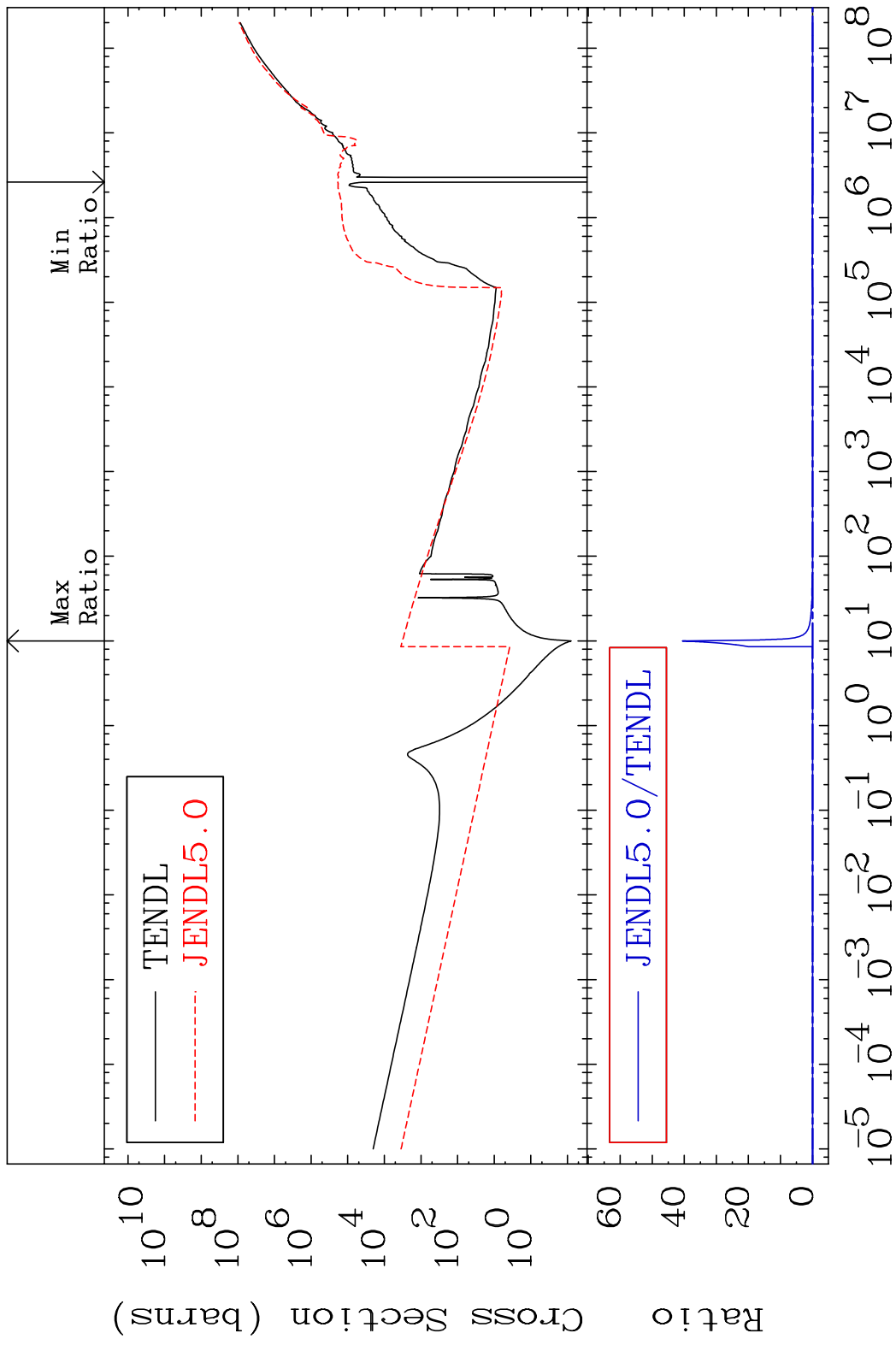
Kerma elastic 81-Tl-200
Cross Section -39.78 To 453.9 %



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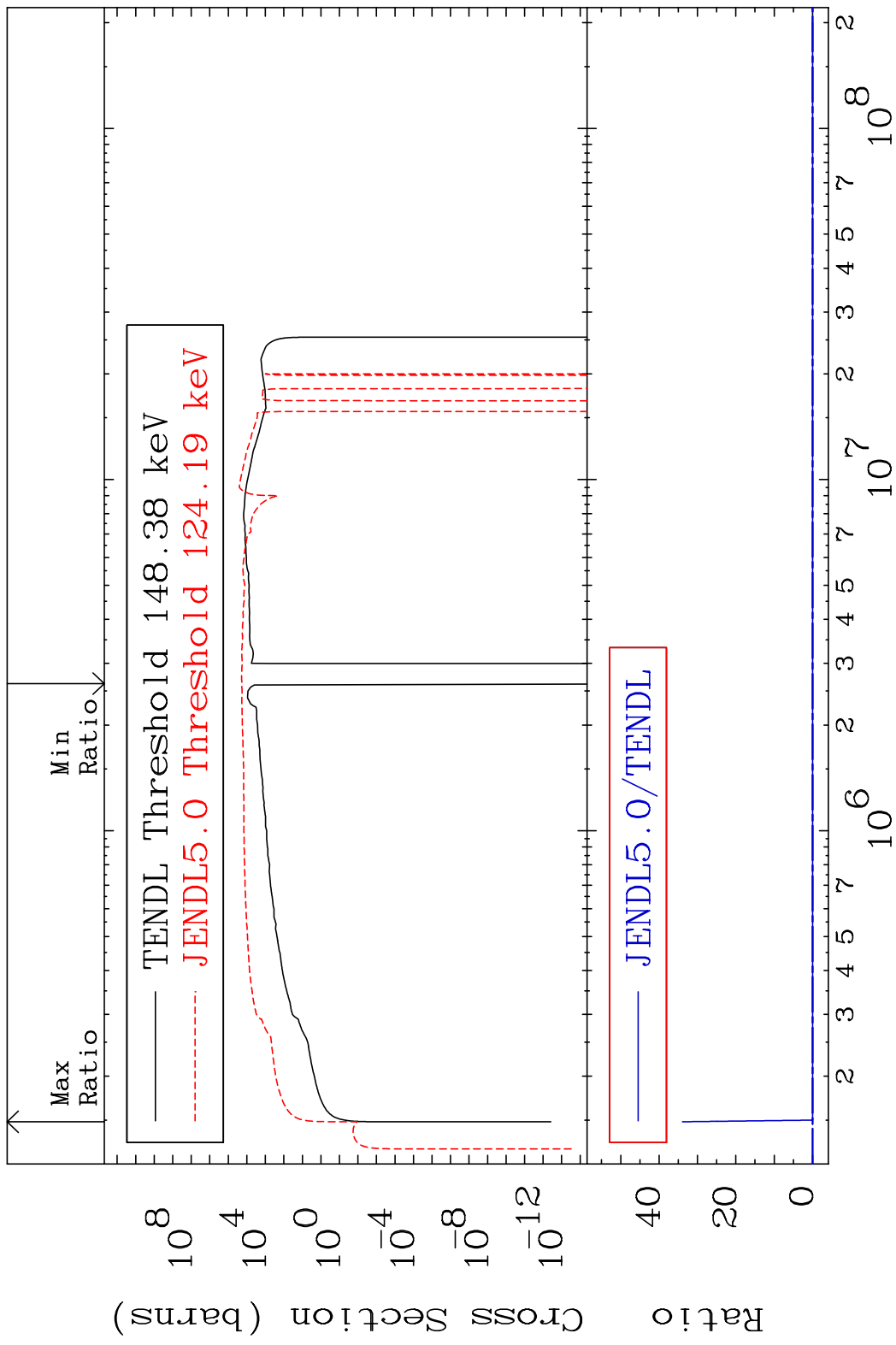
Incident Energy (eV) 81-Tl-200

MAT 8116 Kerma non-elastic (all but mt2) 81-Tl-200
 Cross Section -1396. To 9999. %

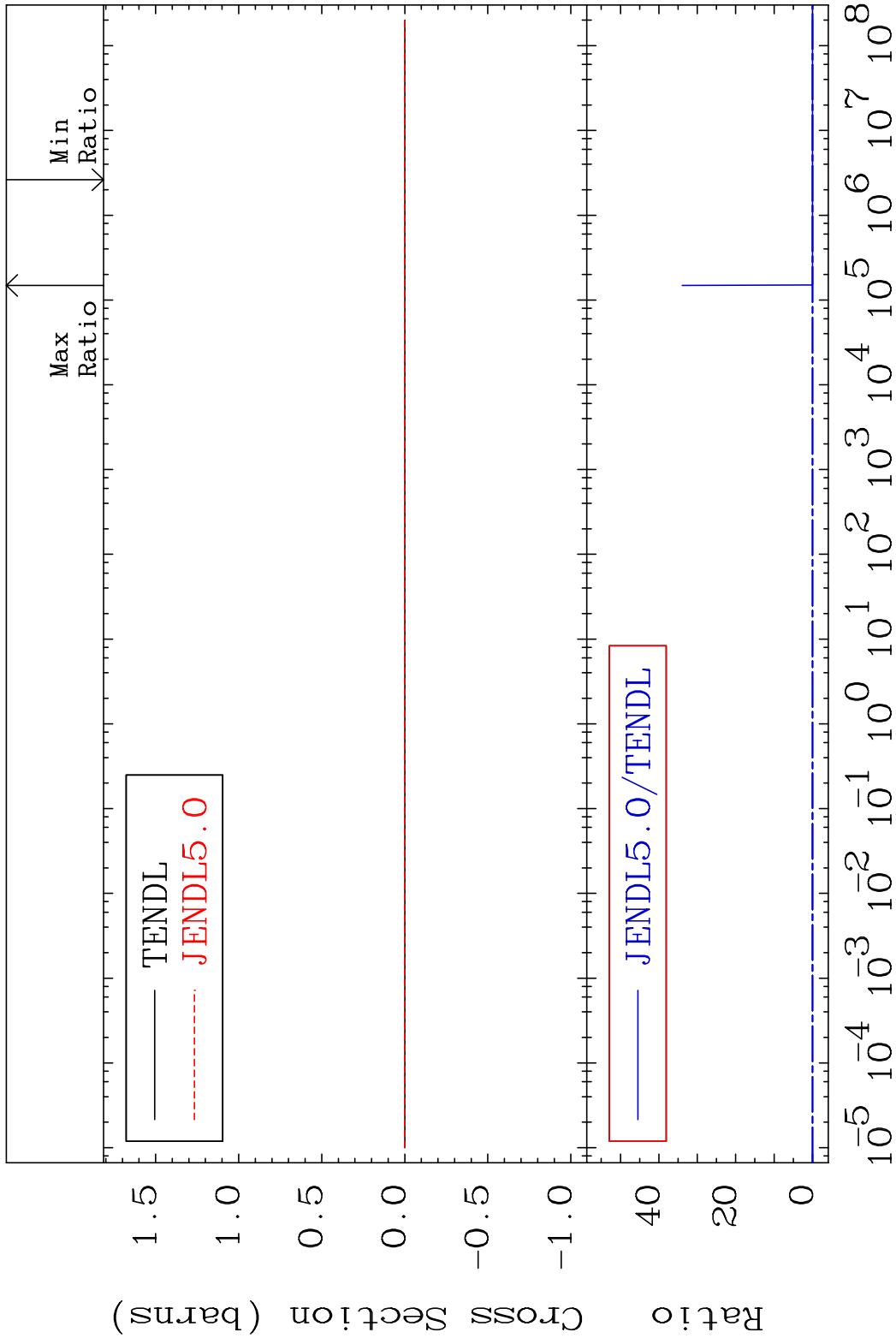


36 Incident Energy (eV) 81-Tl-200

MAT 8116 Kerma inelastic (mt51-91) 81-Tl-200
 Cross Section -1355. To 9999. %

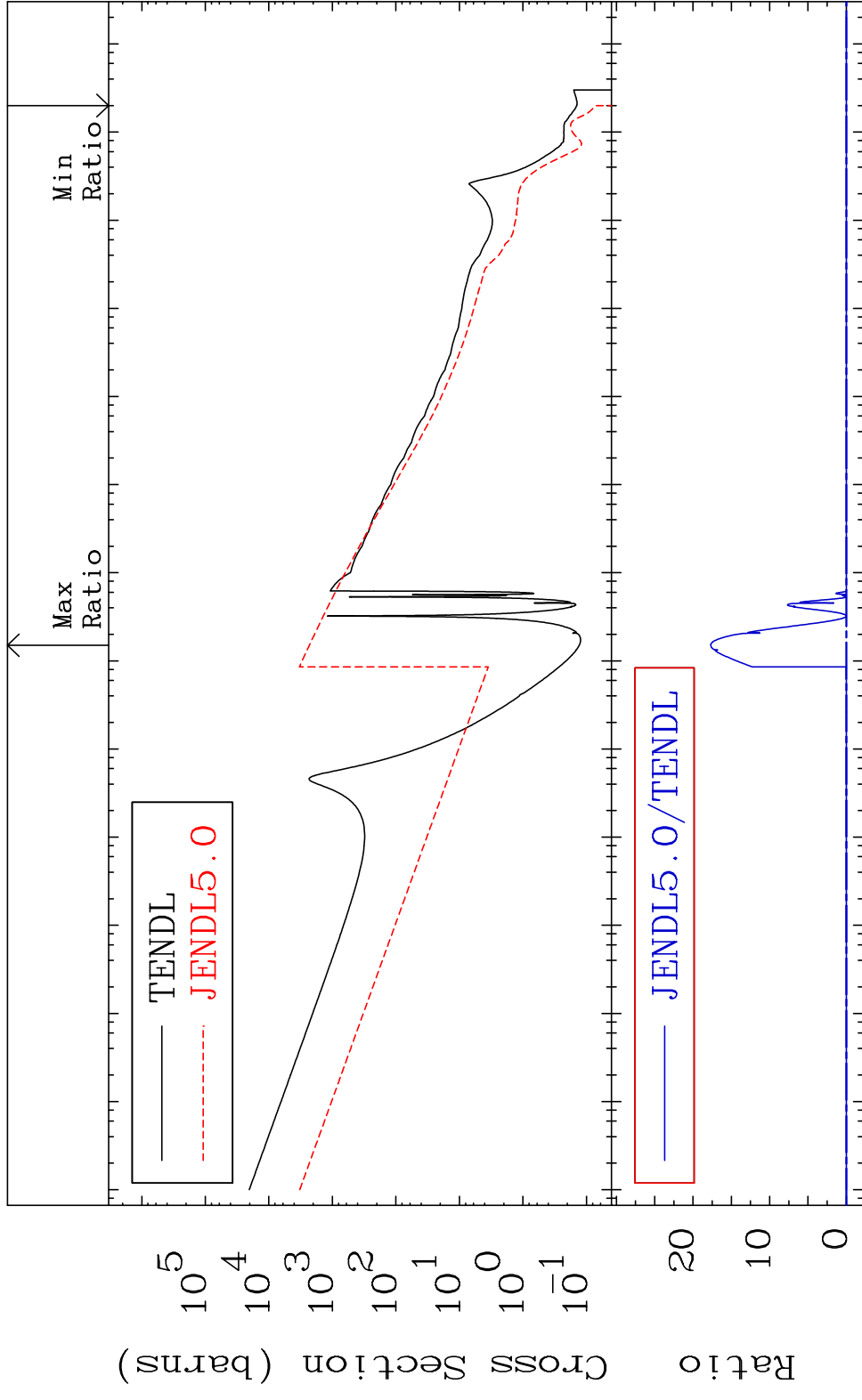


MAT 81116 Kerma fission (mt18 or mt19-20-21-38) 81-Tl-200
 Cross Section -1355. To 9999. %



MAT 8116

Kerma capture (mt102) 81-Tl-200
Cross Section -100.0 To 9999. %

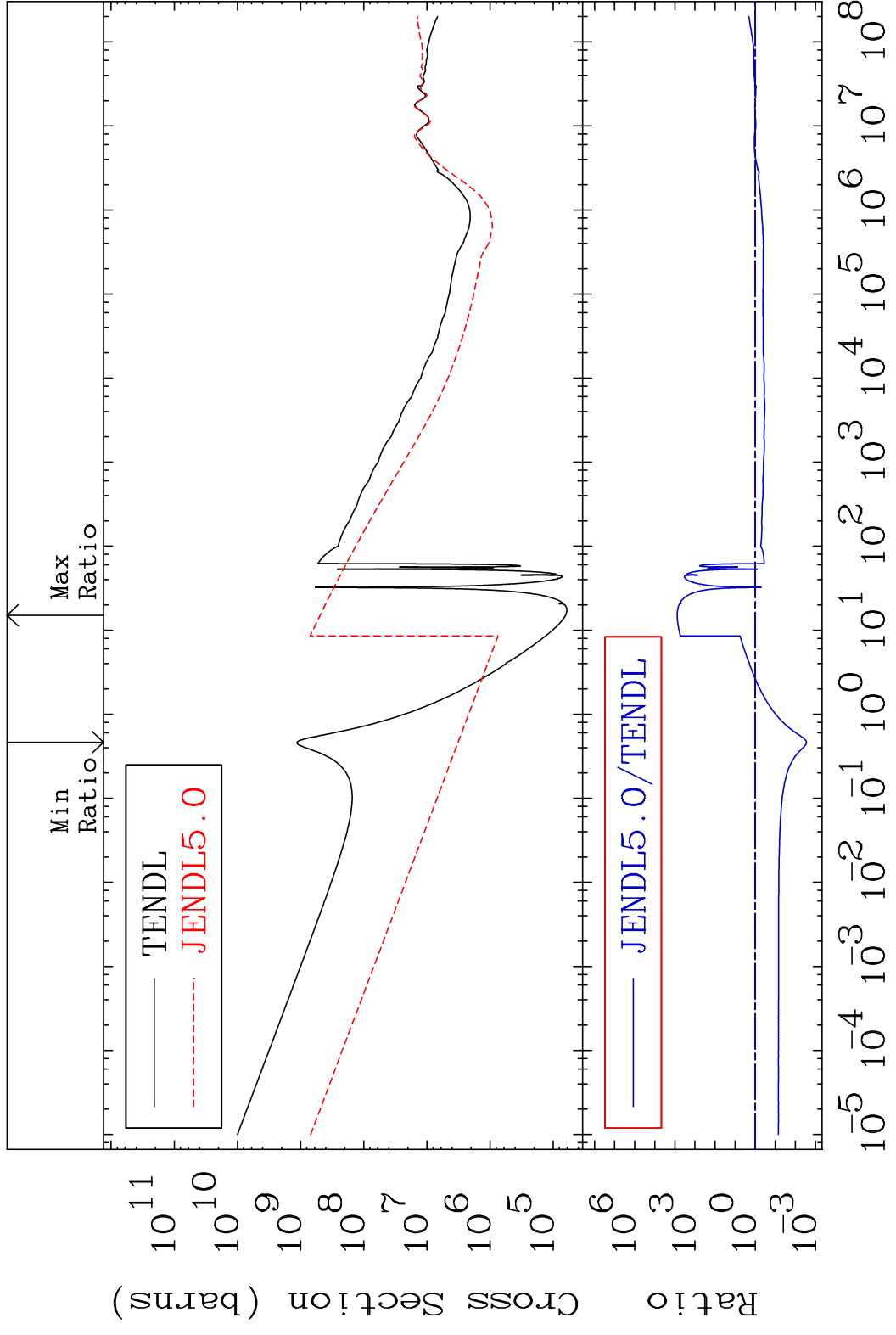


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Incident Energy (eV) 81-Tl-200

MAT 81116

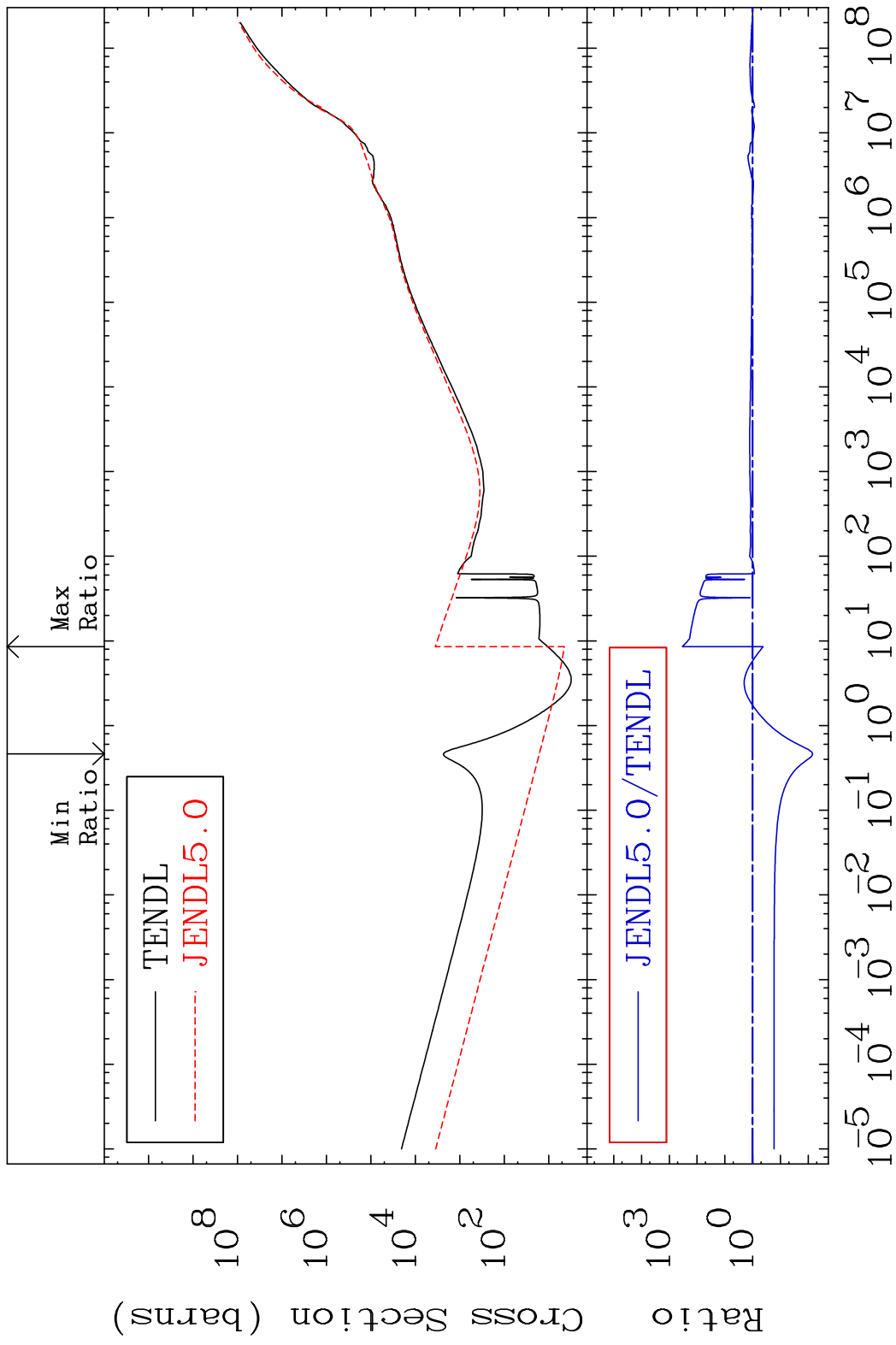
Total photon (eV-barns) 81-T1-200
Cross Section -99.72 To 9999. %



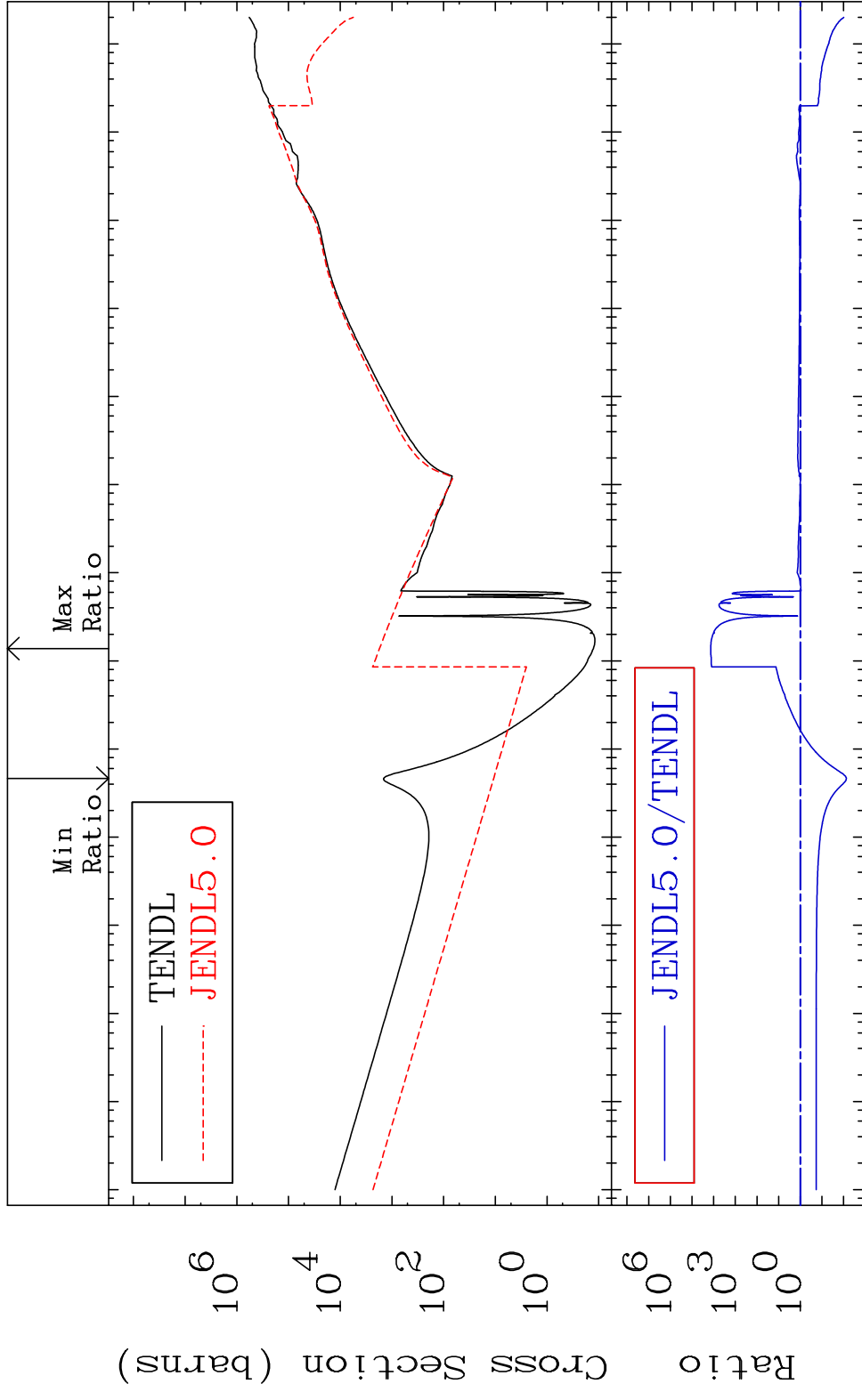
40

Incident Energy (eV) 81-T1-200

MAT 81116 Total kinematic kerma (high limit) 81-Tl-200
 Cross Section -99.30 To 9999. %



MAT 8116 Dpa total (eV-barns) 81-T1-200
 Cross Section -99.25 To 9999. %

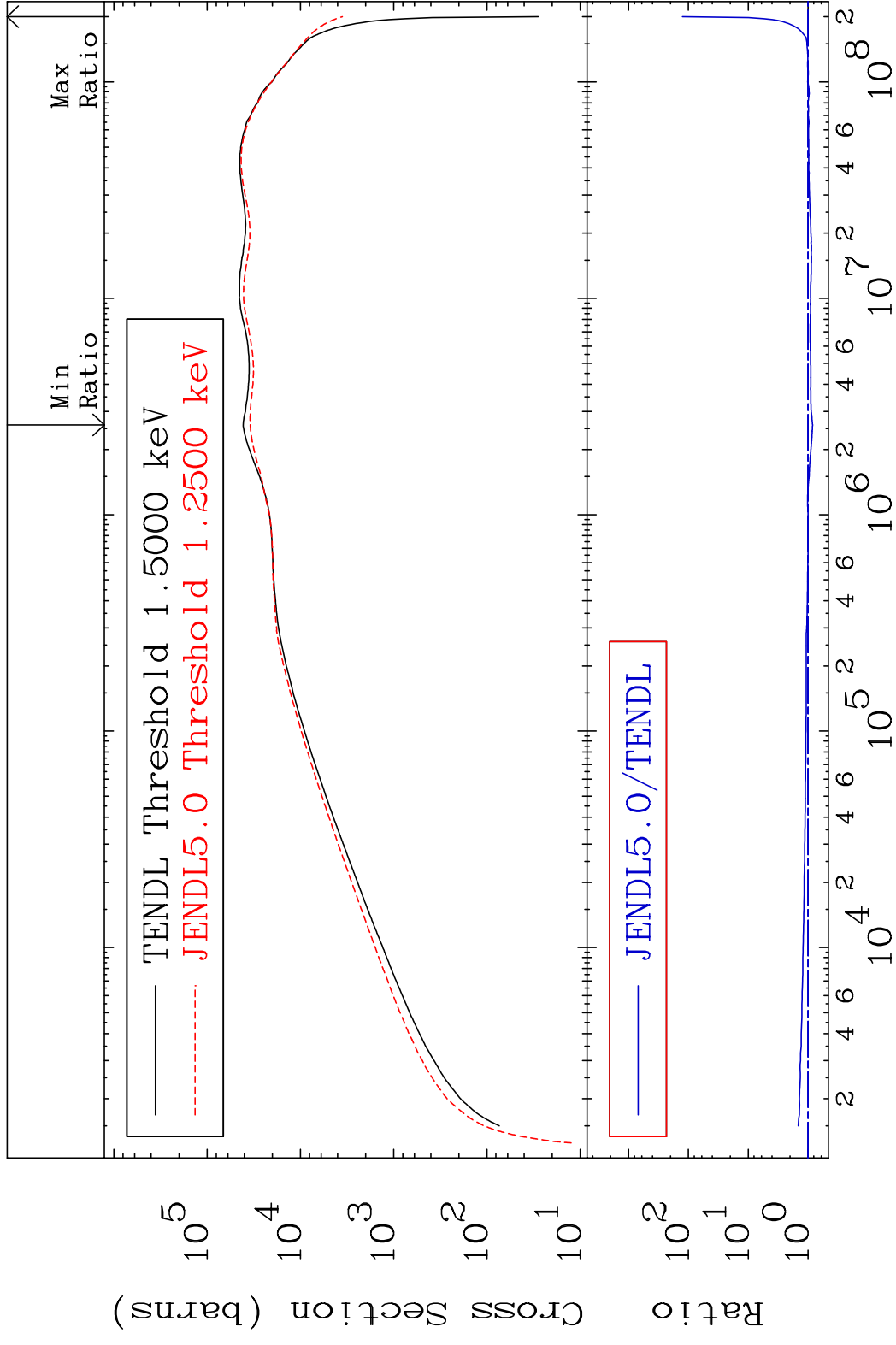


MAT 8116

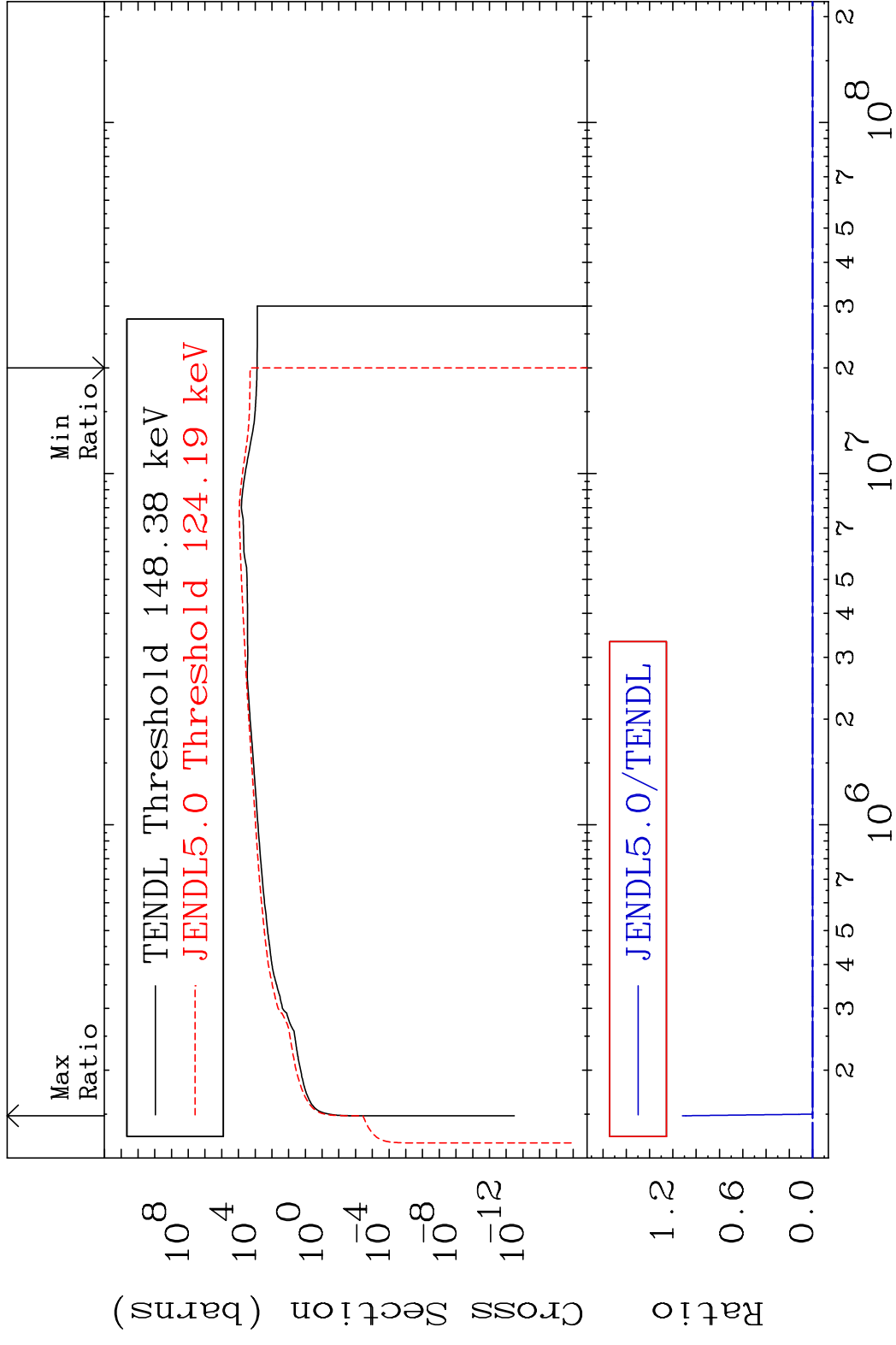
Dpa elastic (mt2)

81-T1-200

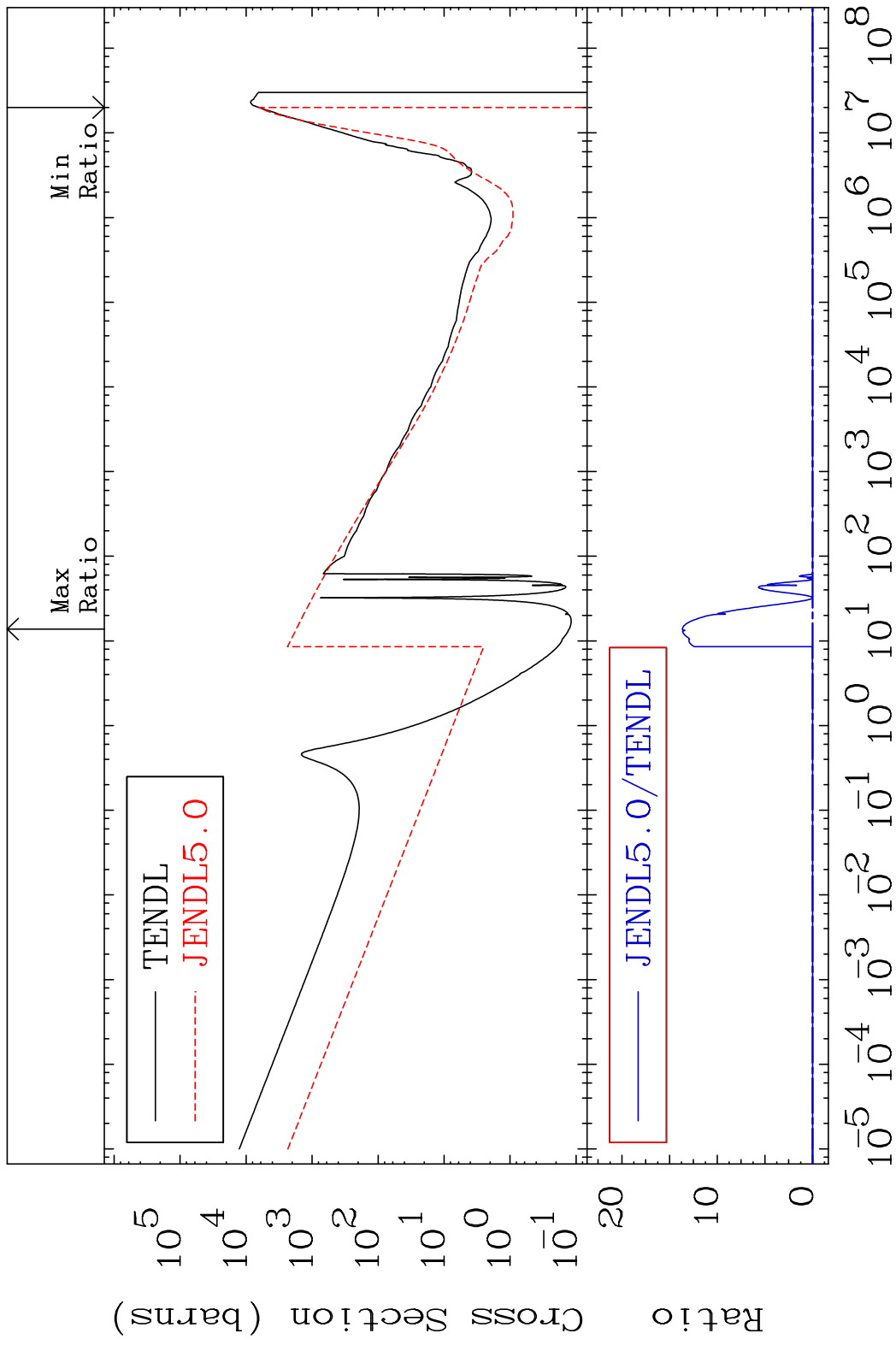
Cross Section -16.22 To 9999. %



MAT 8116 Dpa inelastic (mt51-91) 81-Tl-200
 Cross Section -100.0 To 9999. %

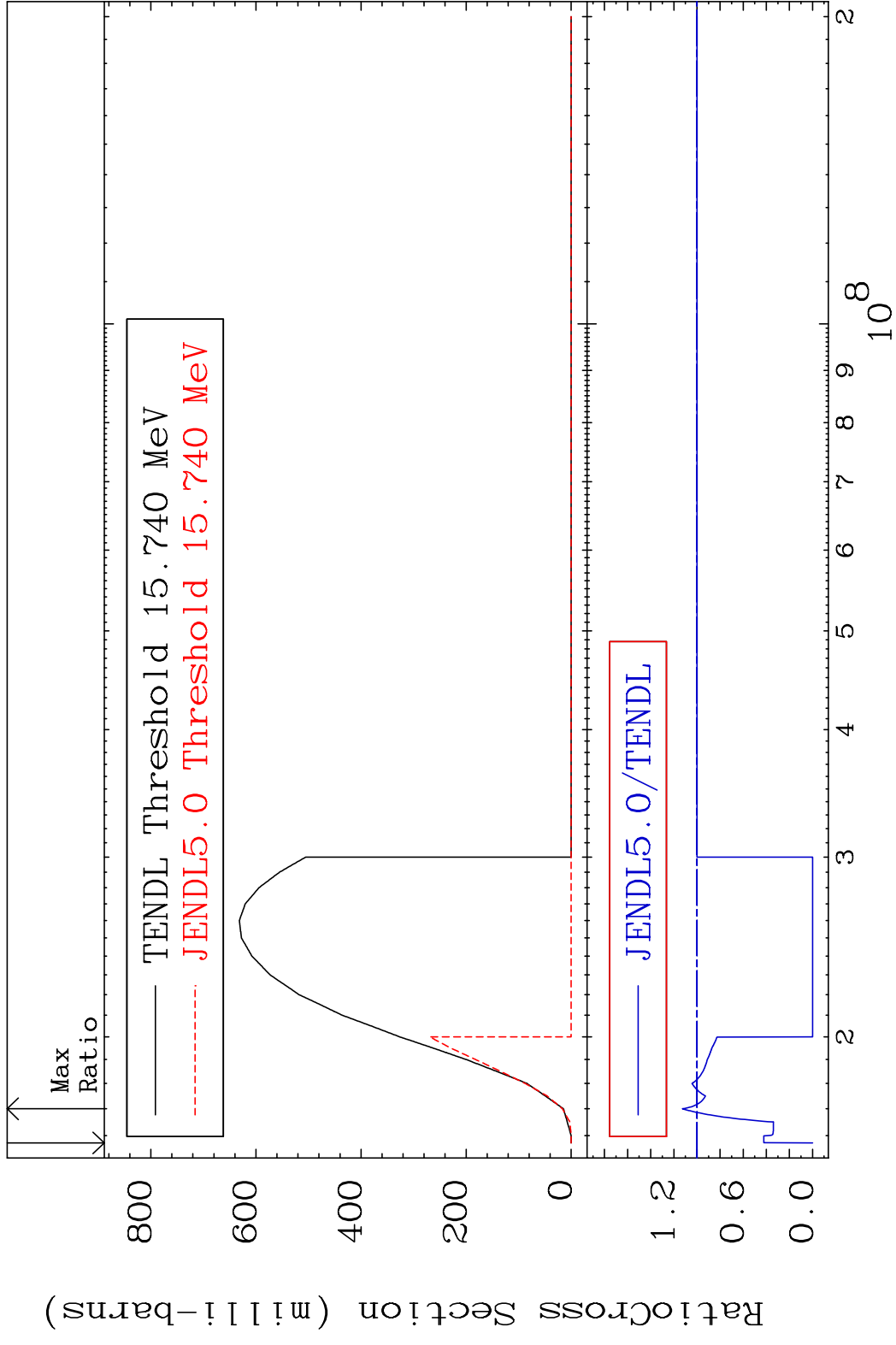


MAT 8116 Dpa disappearance (mt102 -120) 81-T1-200
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 81-T1-200

MAT 8116 (n,3n):81-Tl-198g 81-Tl-200
 Radionuclide Production Cross Section 18.0 mb 12.64 %



MAT 8116 (n, 3n):81-Tl-198m7 81-Tl-200
 Radionuclide Production Cross Section 180.0 mb 27.77 %

