

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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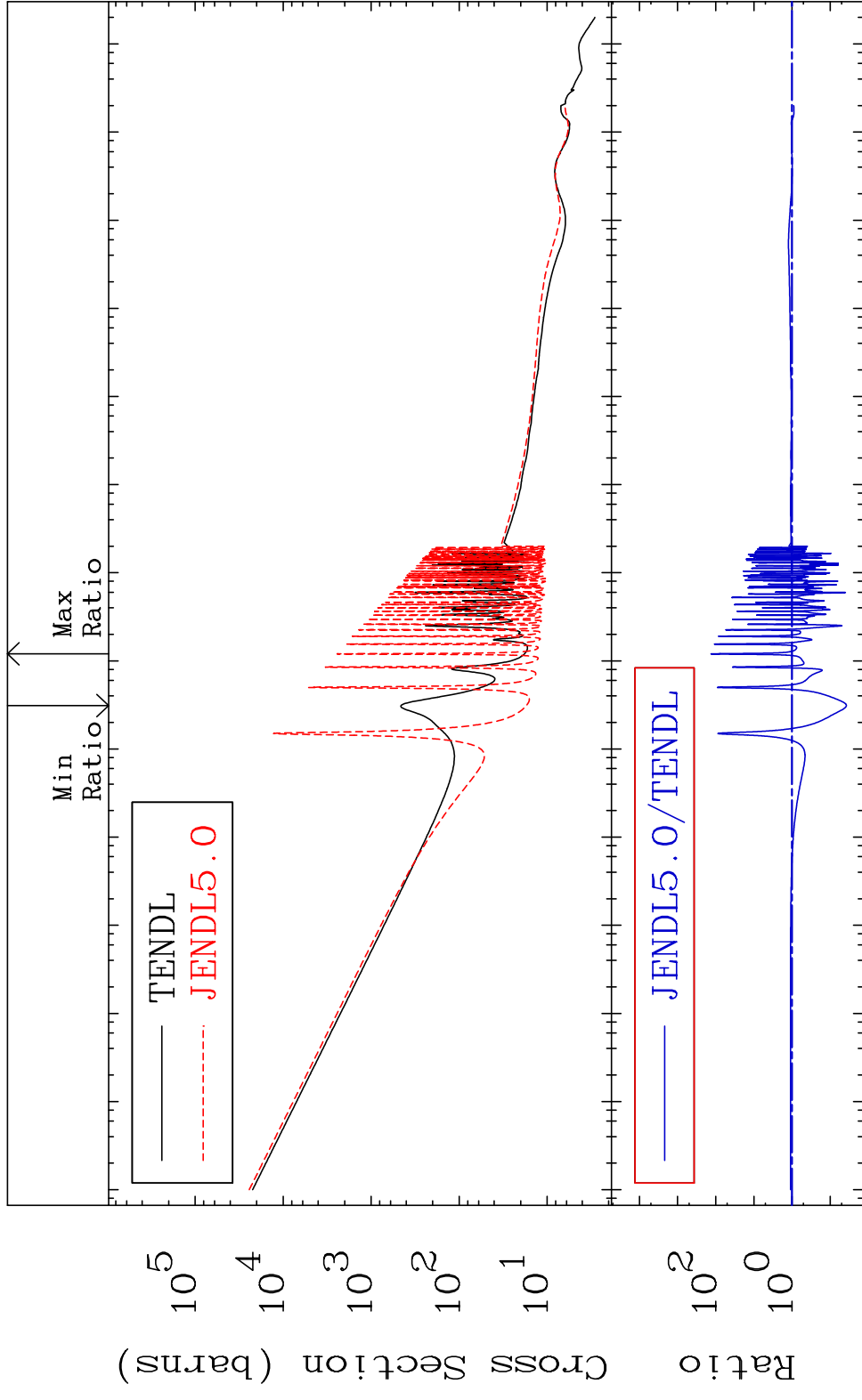
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9234

Total Cross Section -96.24 To 9999. %

92-U -237



10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

10⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

Ratio

Incident Energy (eV)

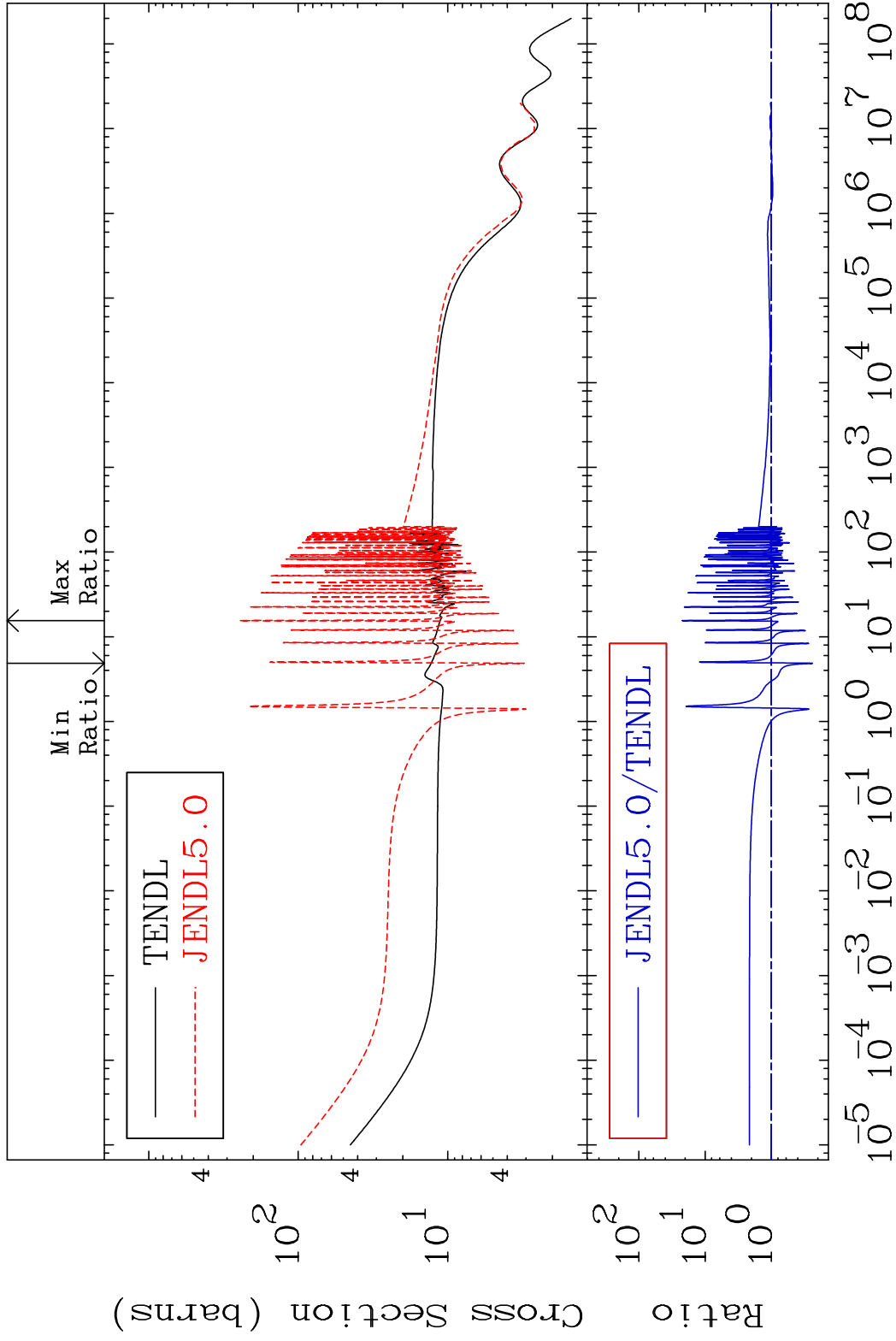
92-U -237

MAT 9234

Elastic

92-U -237

Cross Section -76.03 To 2103. %



2

Incident Energy (eV)

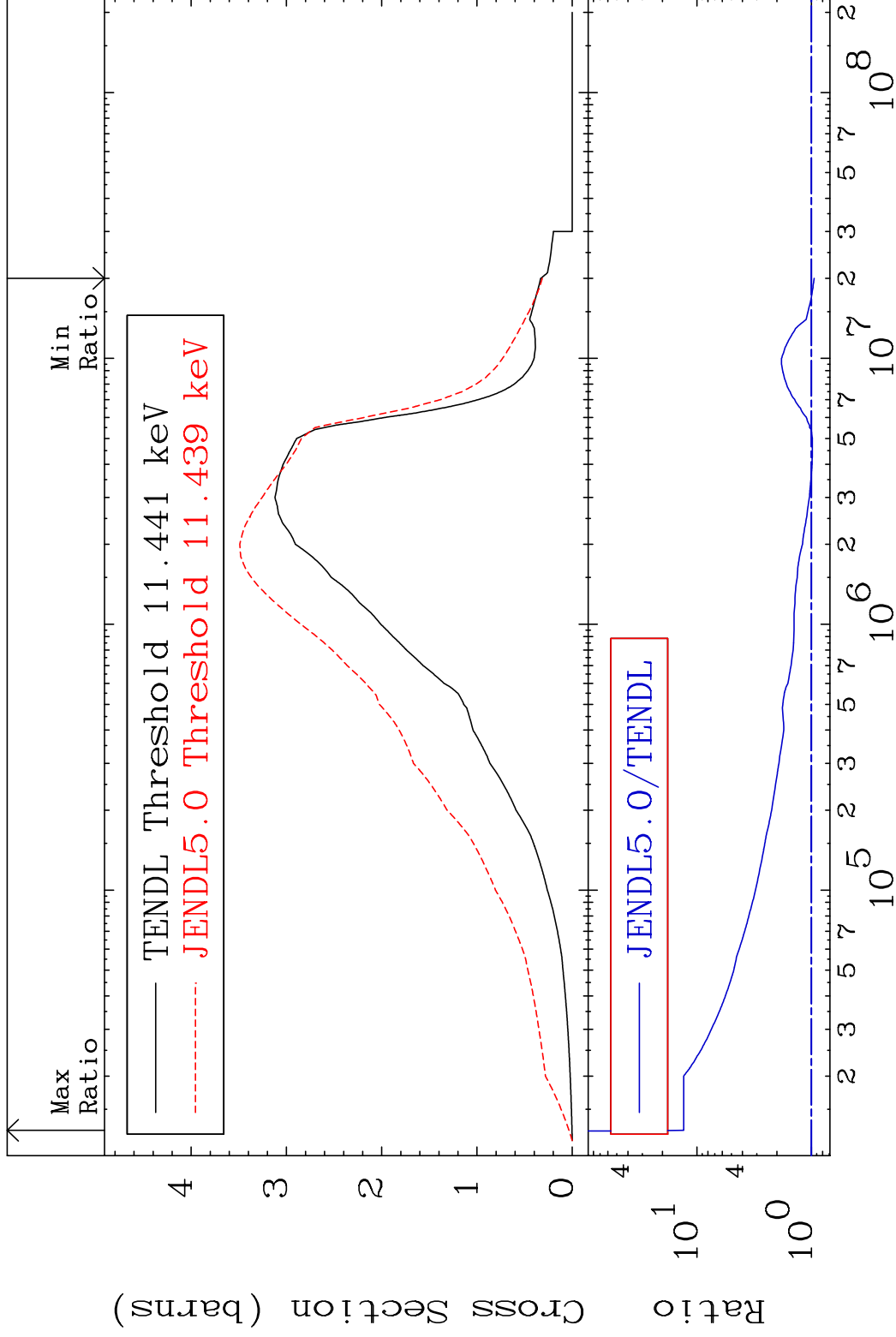
92-U -237

MAT 9234

Inelastic

92-U -237

Cross Section -5.059 To 1205. %



3

Incident Energy (eV)

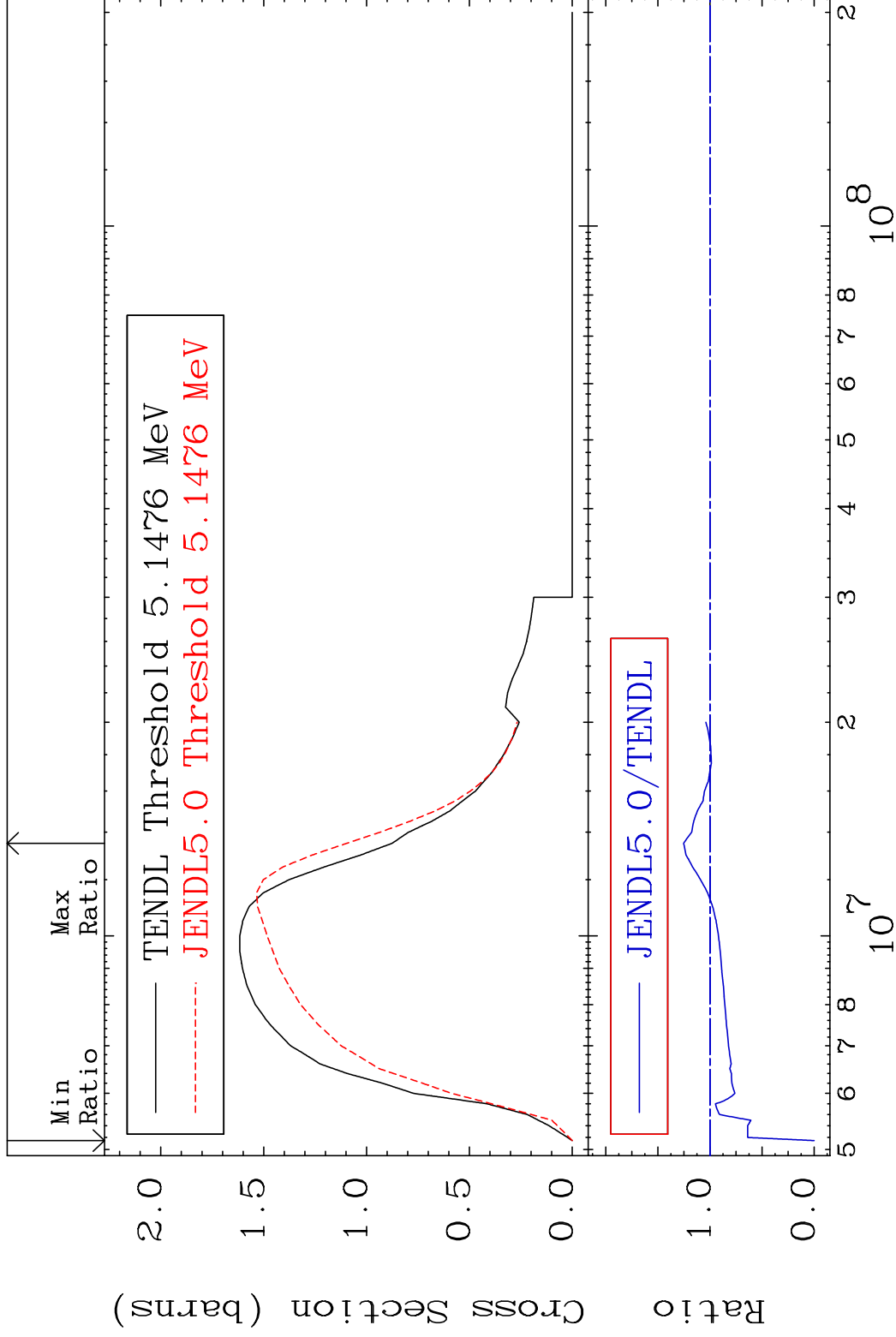
92-U -237

MAT 9234

(n,2n)

92-U -237

Cross Section -100.0 To 25.17 %



4

Incident Energy (eV)

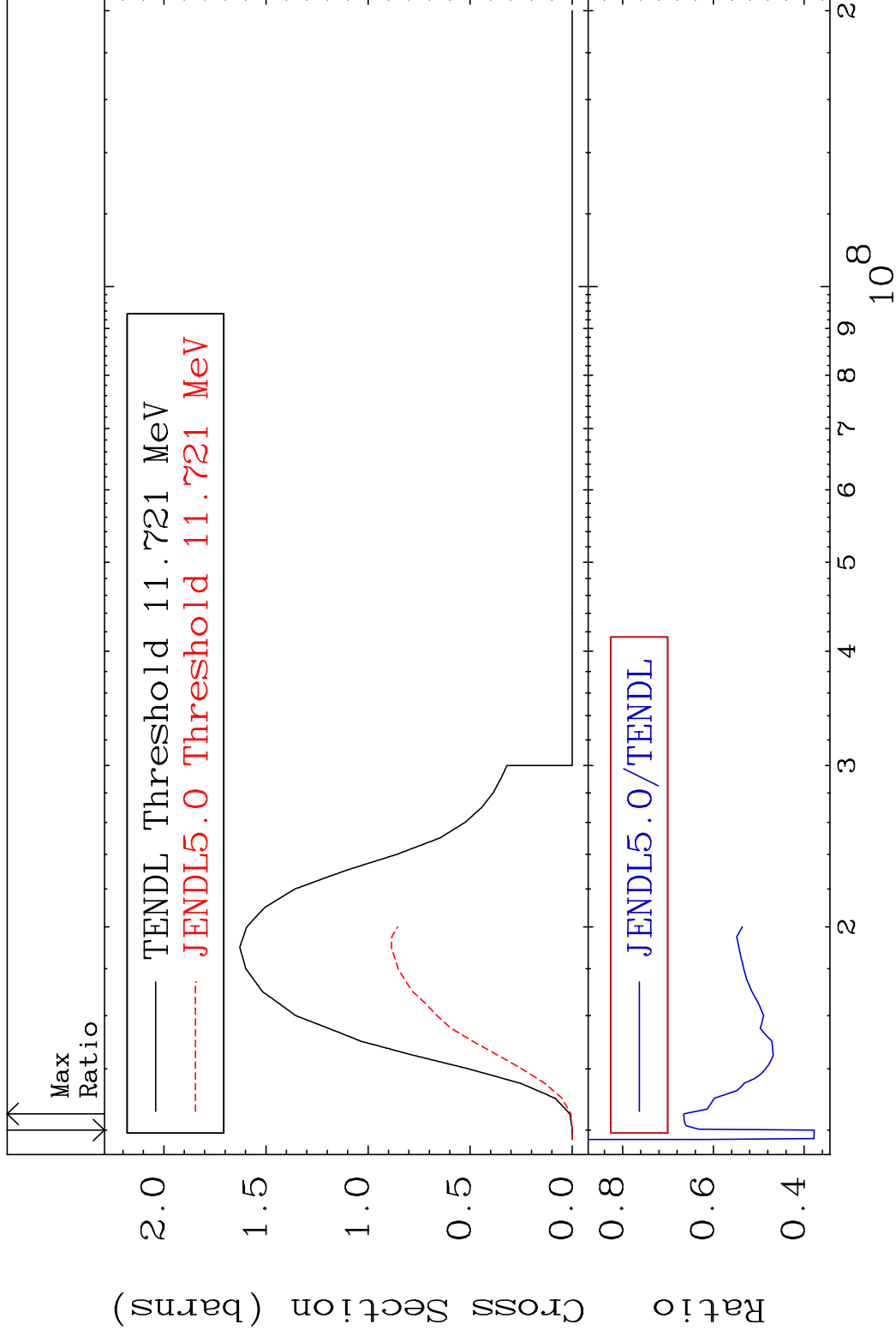
92-U -237

MAT 9234

(n,3n)

92-U -237

Cross Section -62.19 To -33.44%



5

Incident Energy (eV)

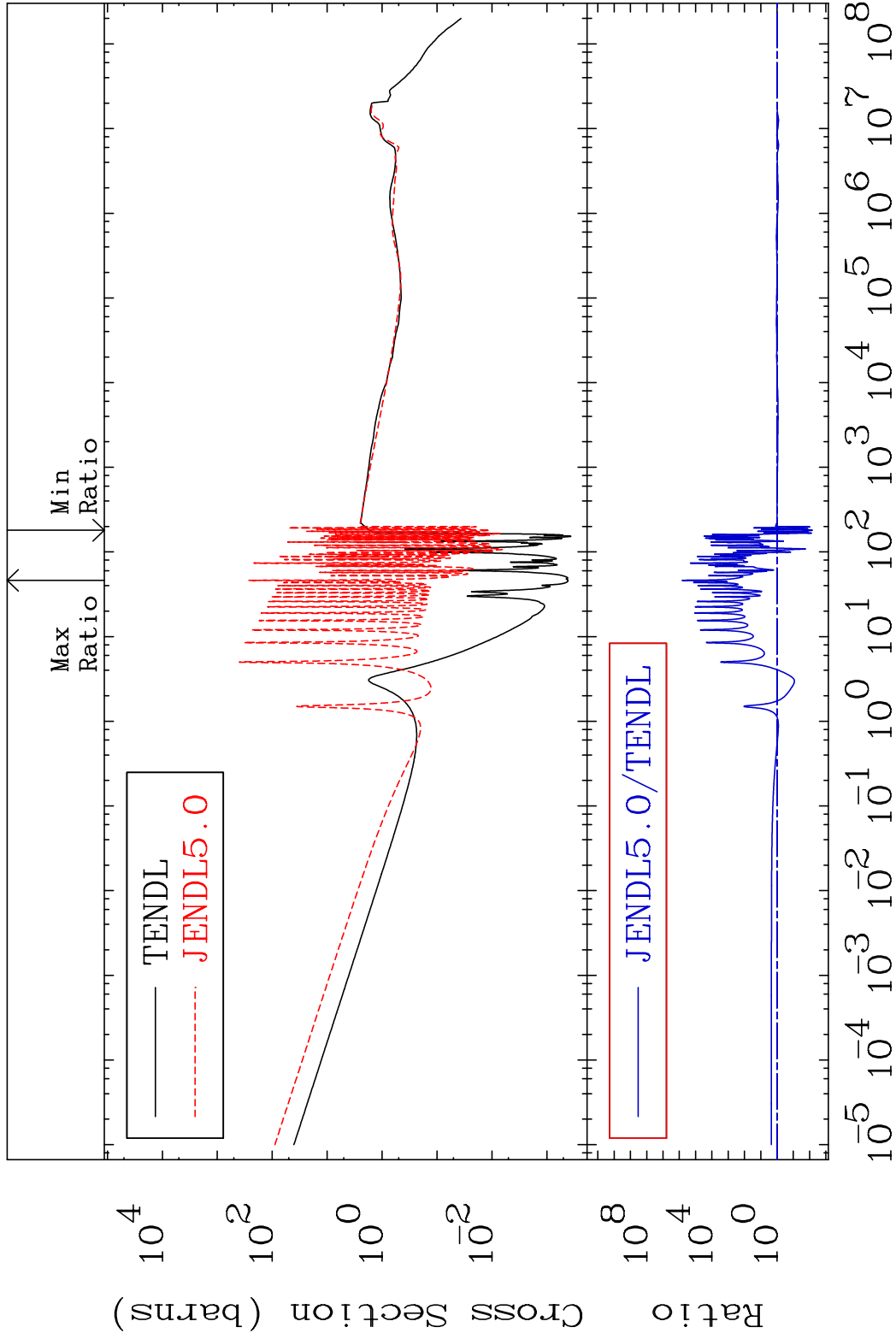
92-U -237

MAT 9234

92-U -237

Fission

Cross Section -99.34 To 9999. %

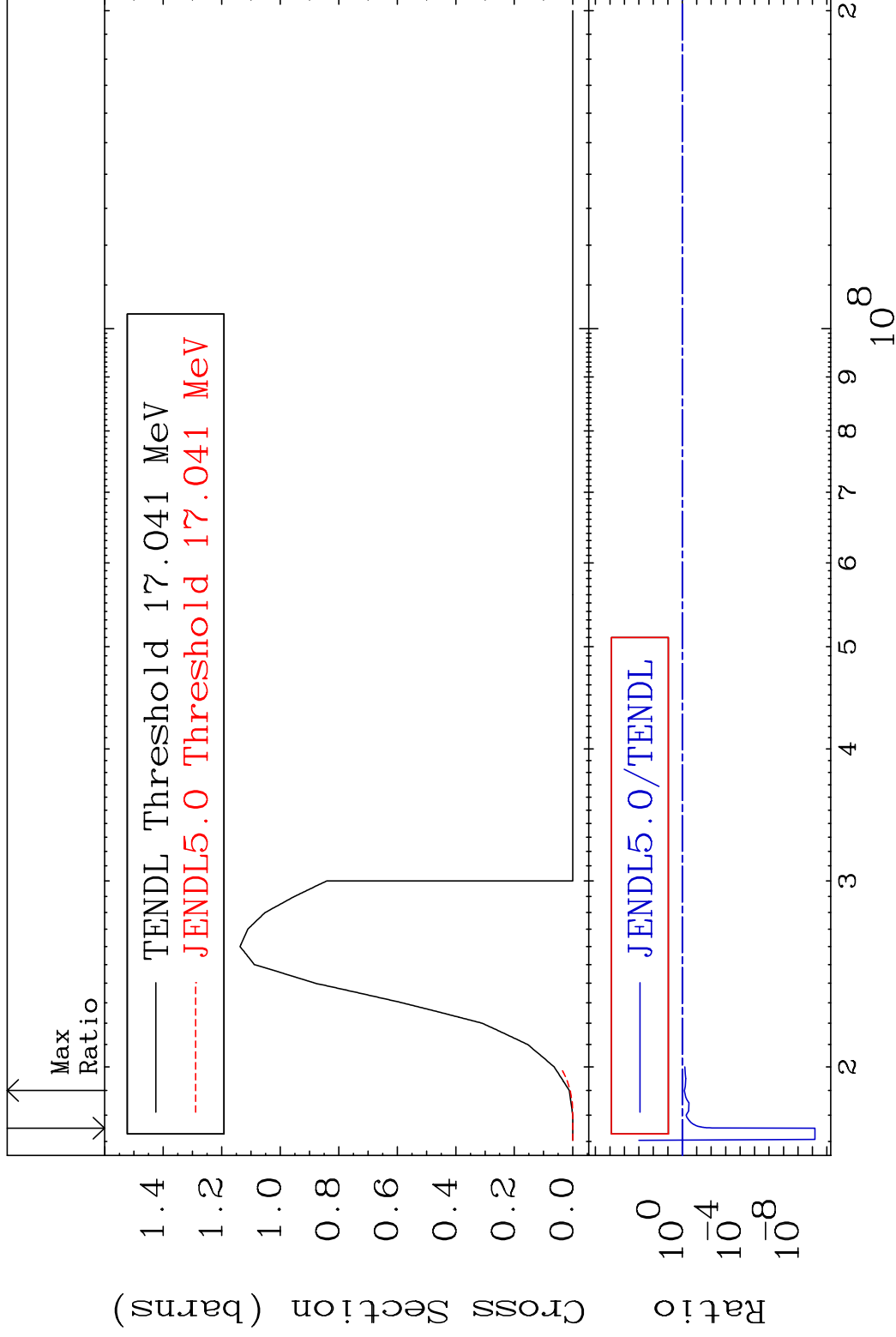


MAT 9234

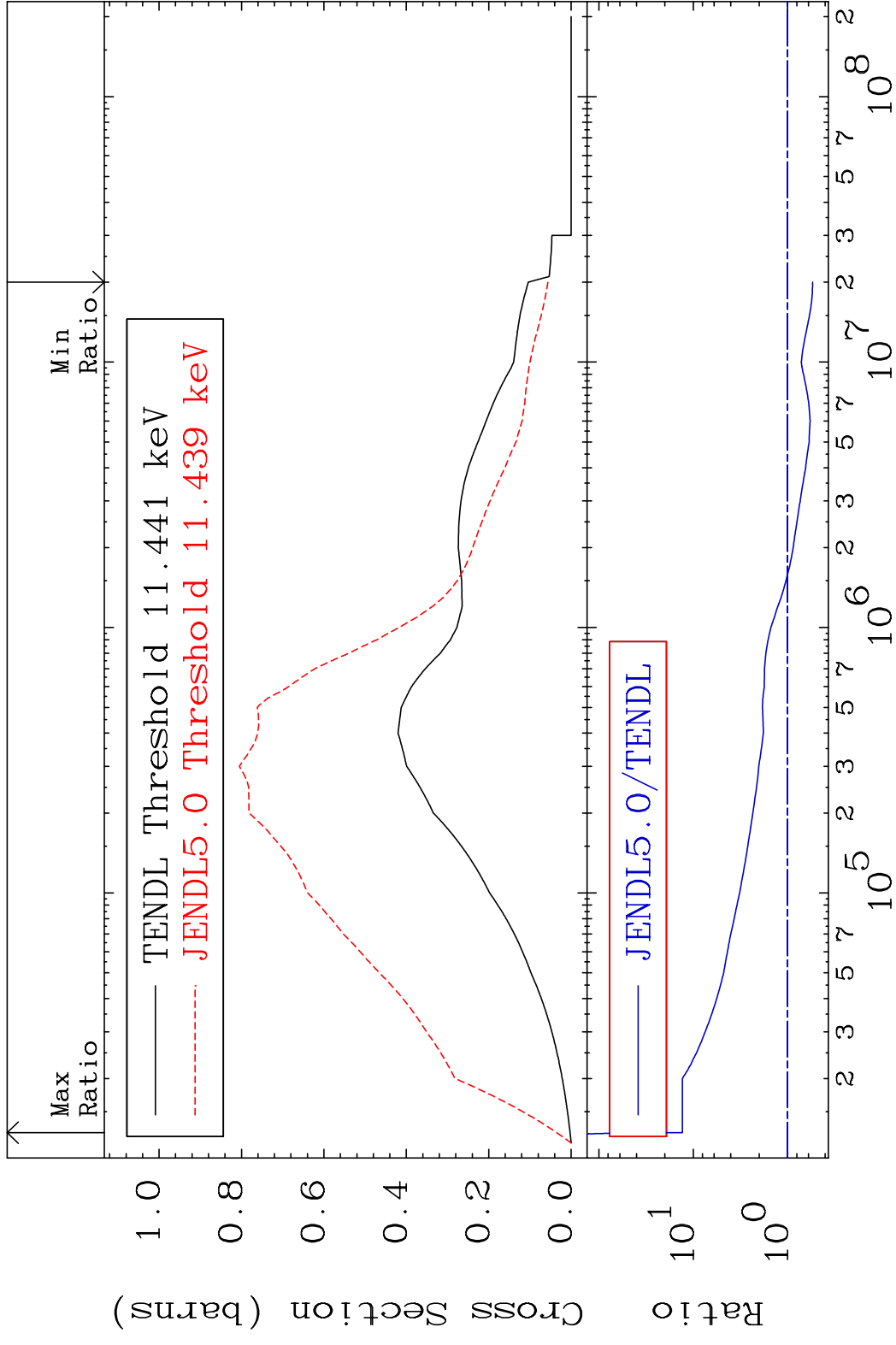
(n,4n)

92-U -237

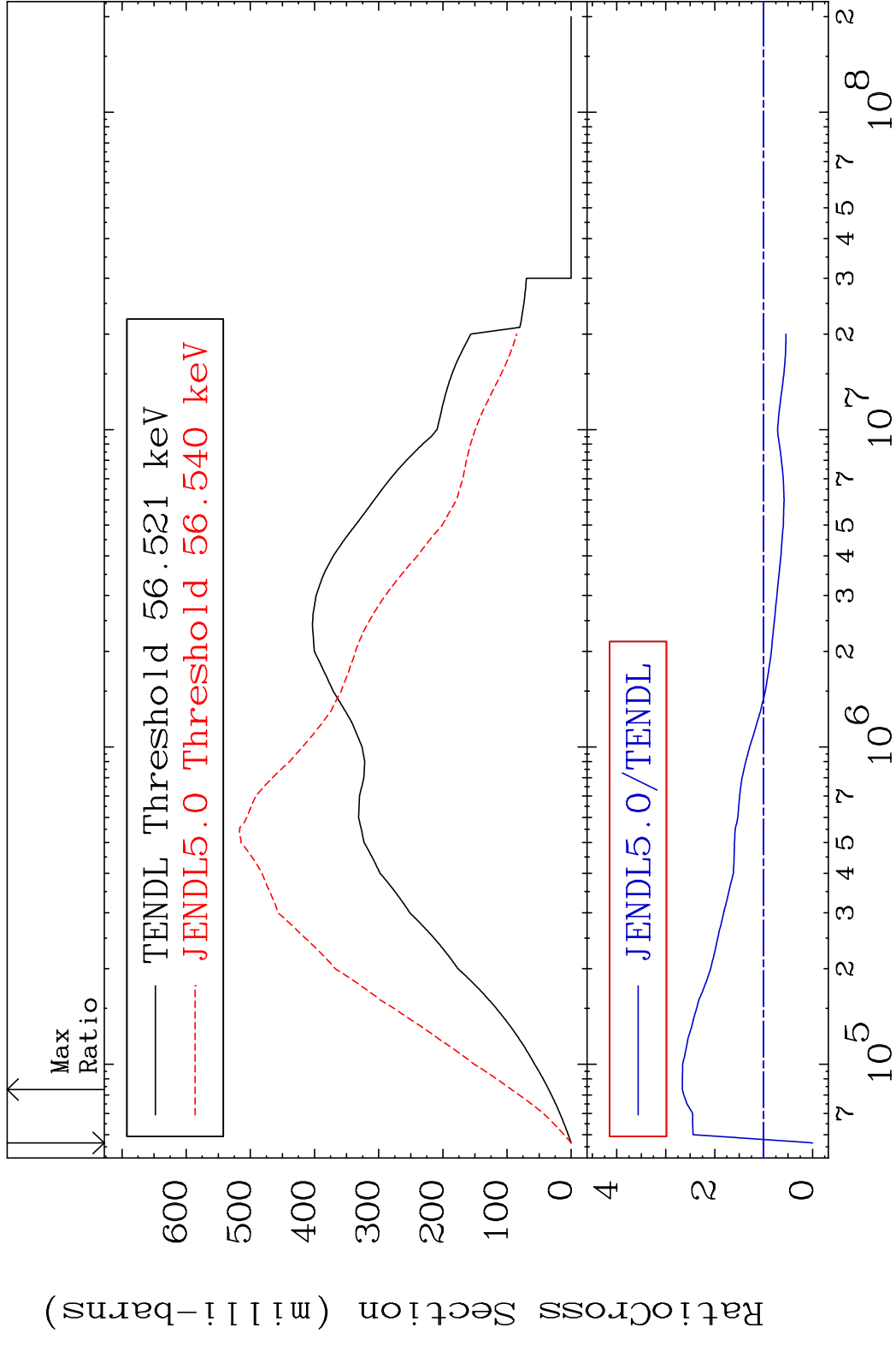
Cross Section -100.0 To -28.10%



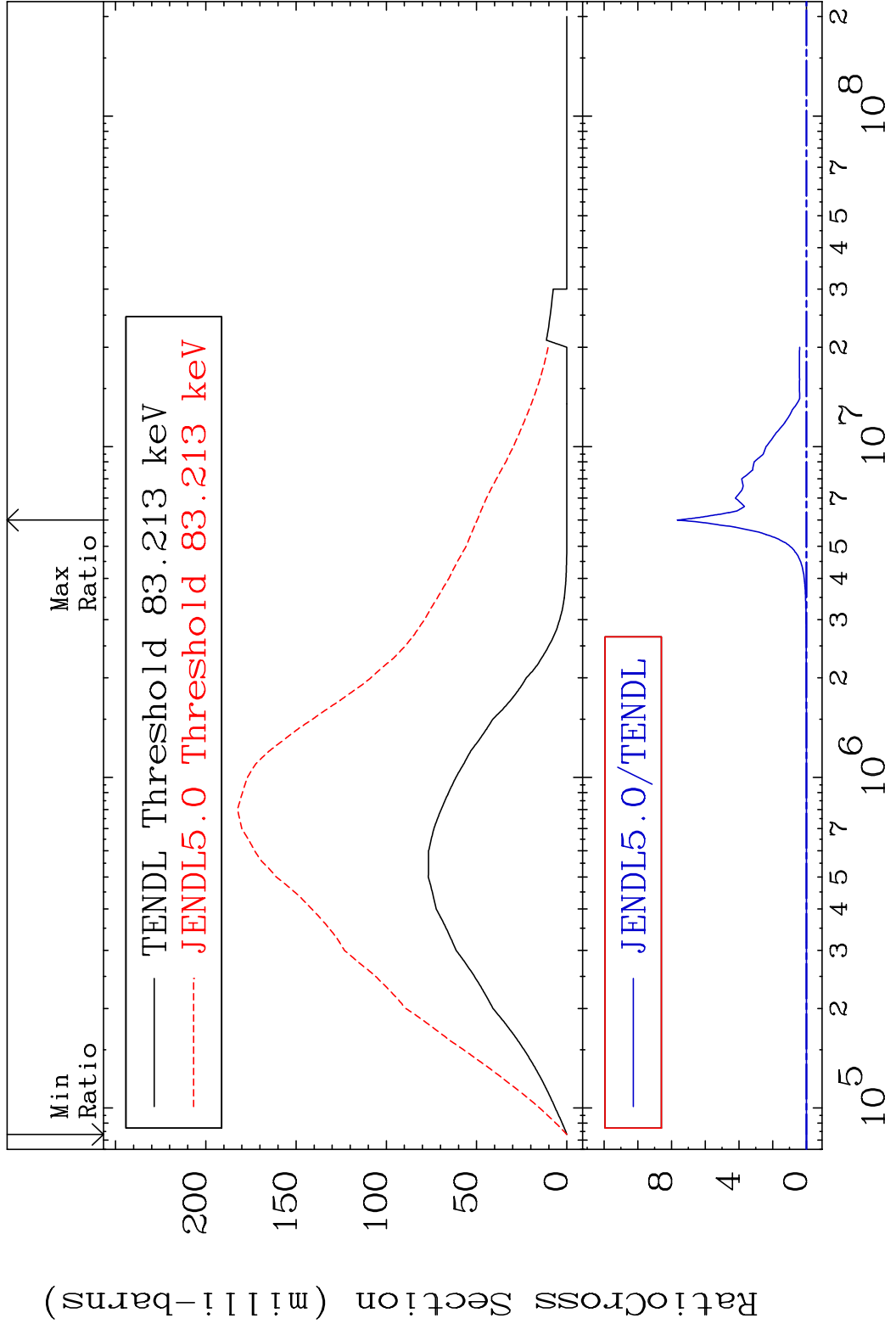
MAT 9234 MT= 51 (n,n') Level 92-U -237
 Cross Section -45.59 To 1205. %



MAT 9234 MT= 52 (n,n') Level 92-U -237
 Cross Section -100.0 To 166.0 %

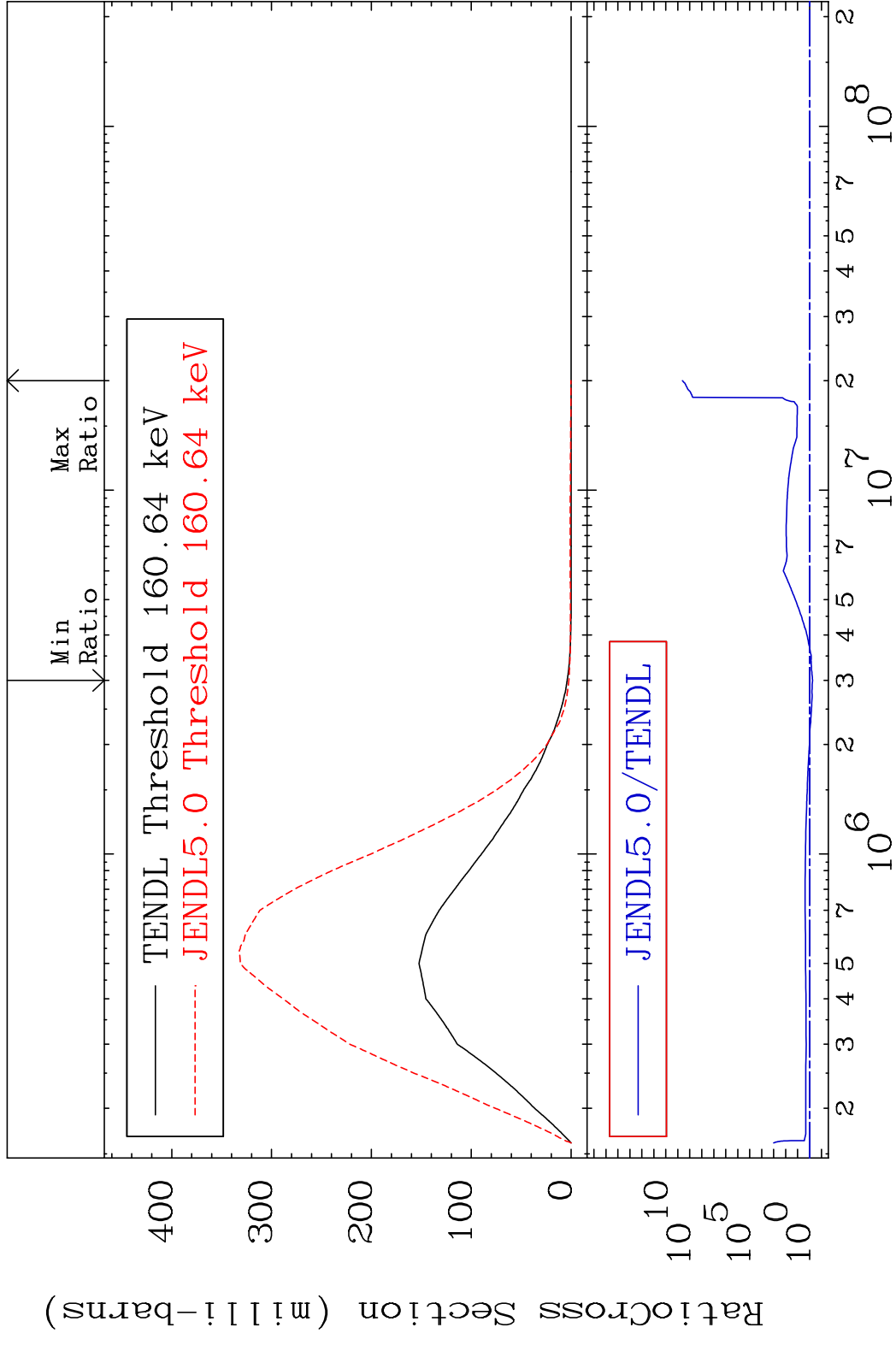


MAT 9234 MT= 53 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

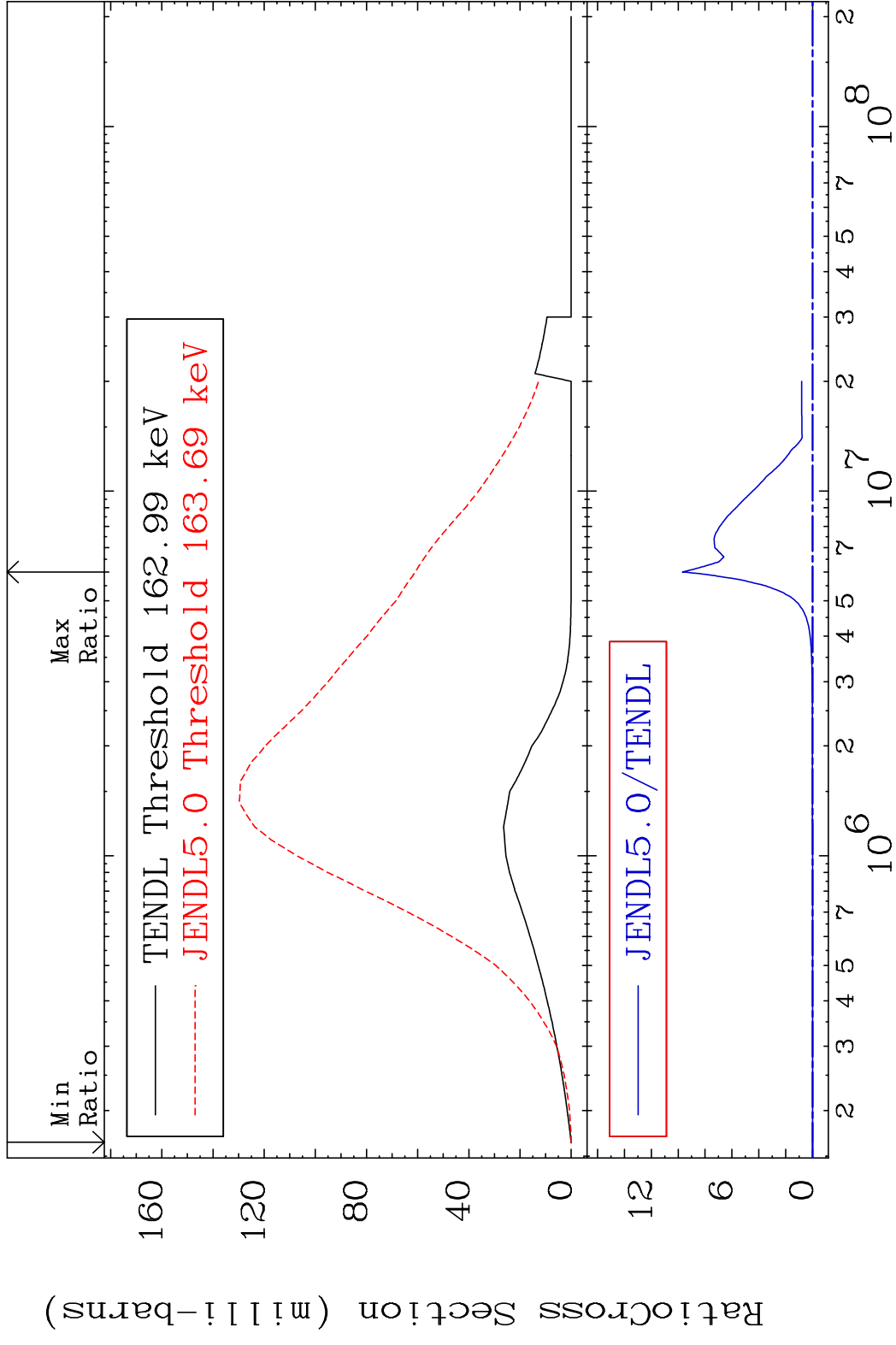


10 2 3 4 5 7 6 7 2 3 4 5 7 8 2
 10⁵ 10⁶ 10⁷ 10⁸
 92-U -237

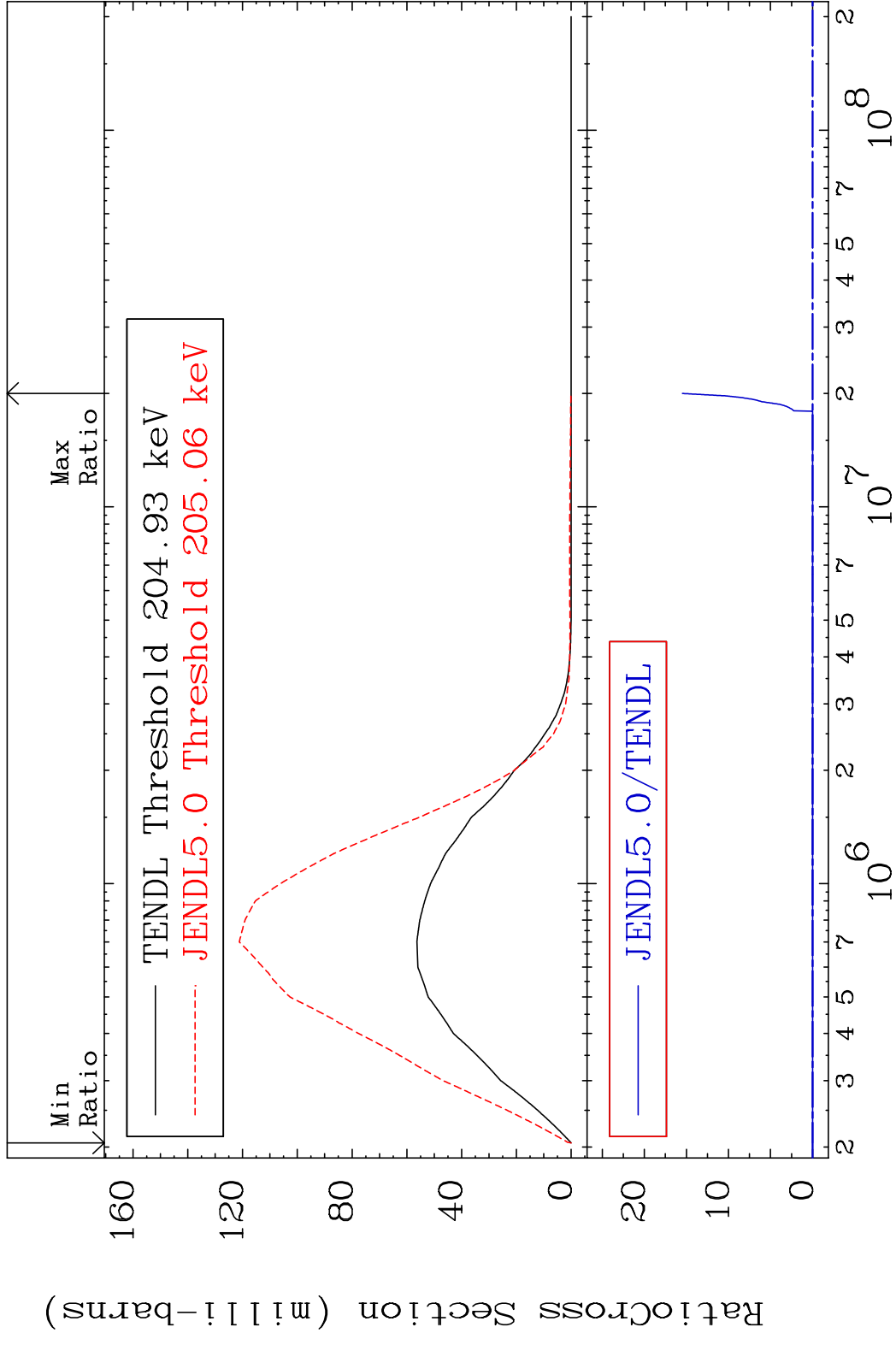
MAT 9234 MT= 54 (n,n') Level 92-U -237
 Cross Section -43.04 To 9999. %



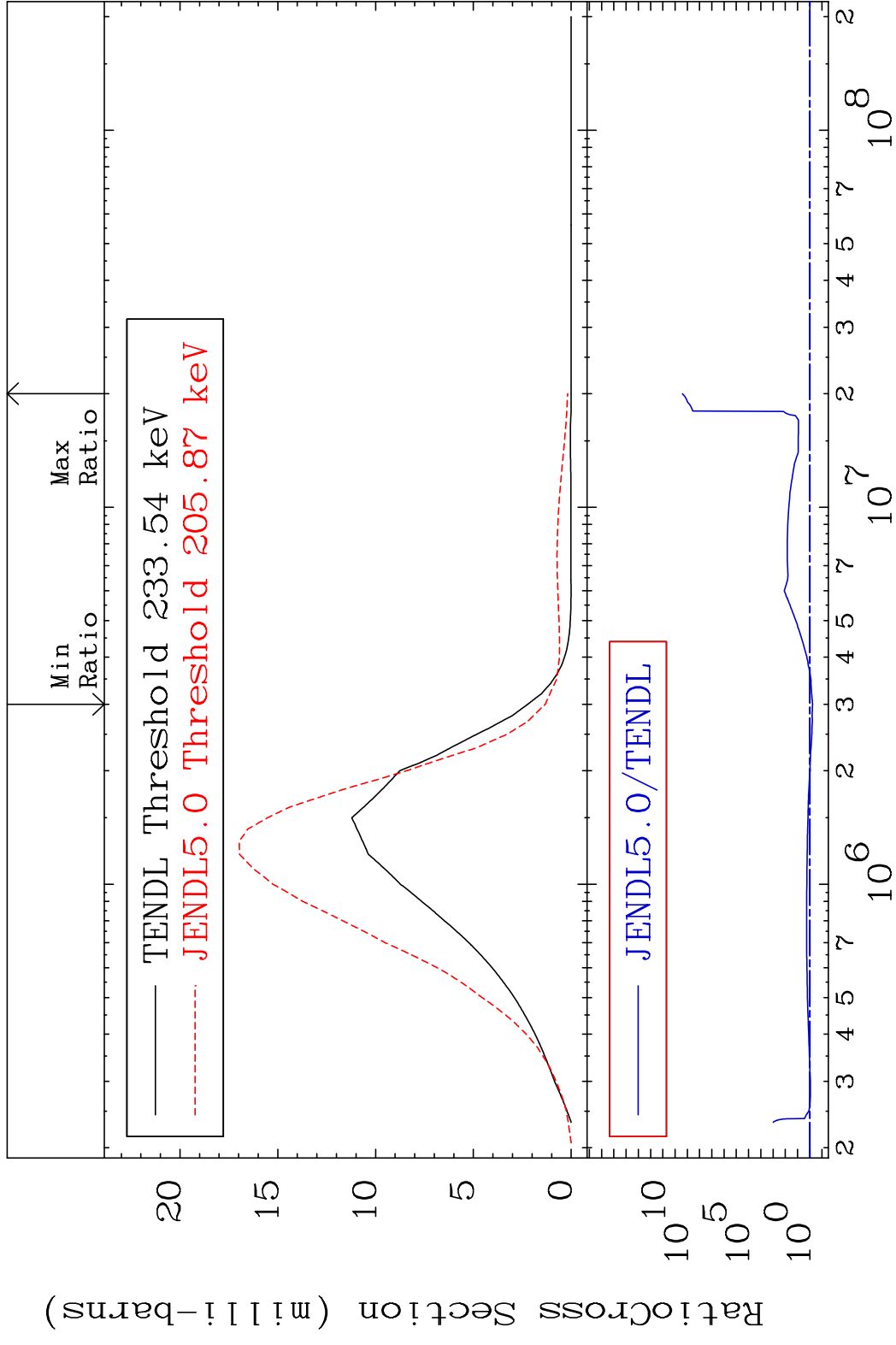
MAT 9234 MT= 55 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



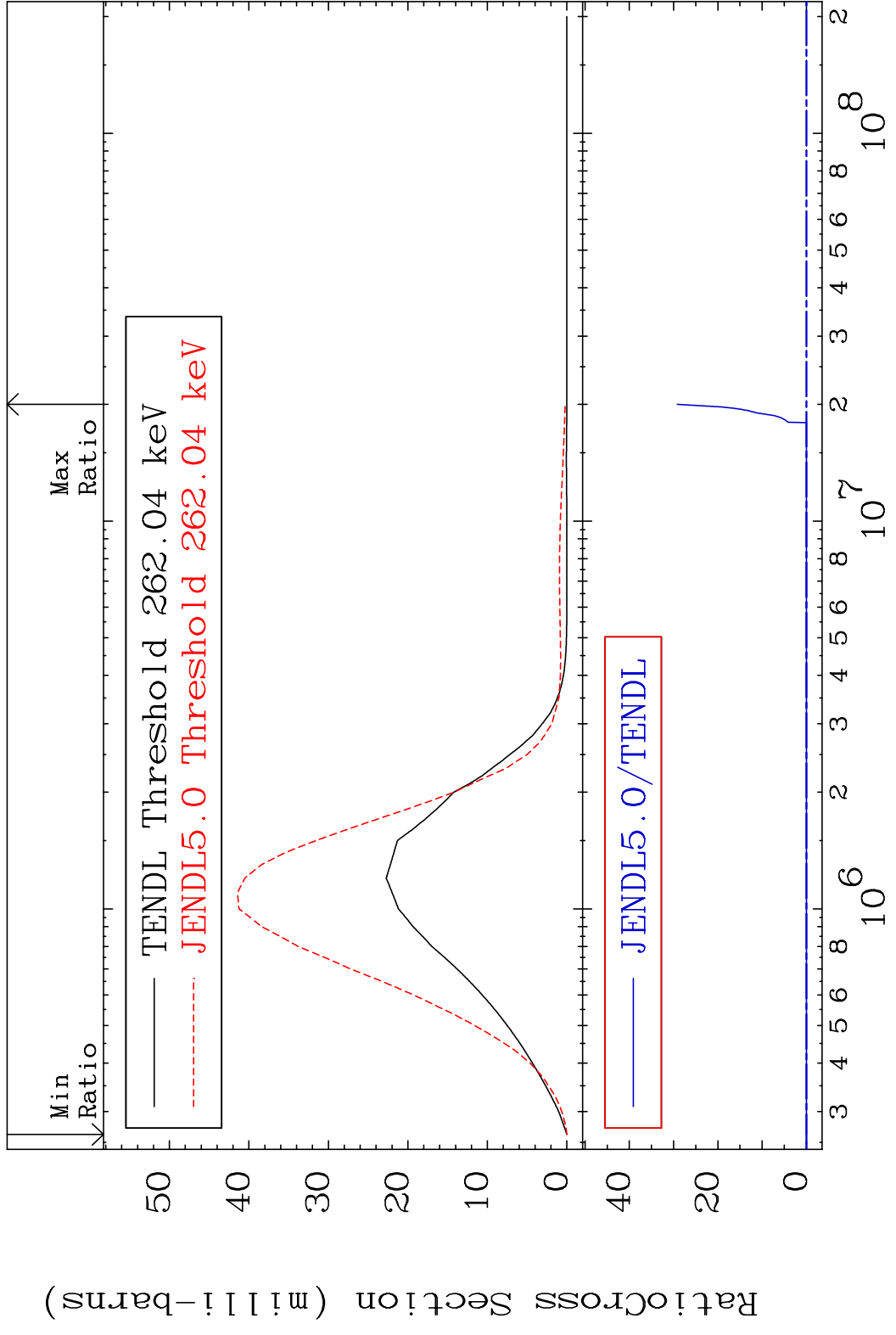
MAT 9234 MT= 56 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



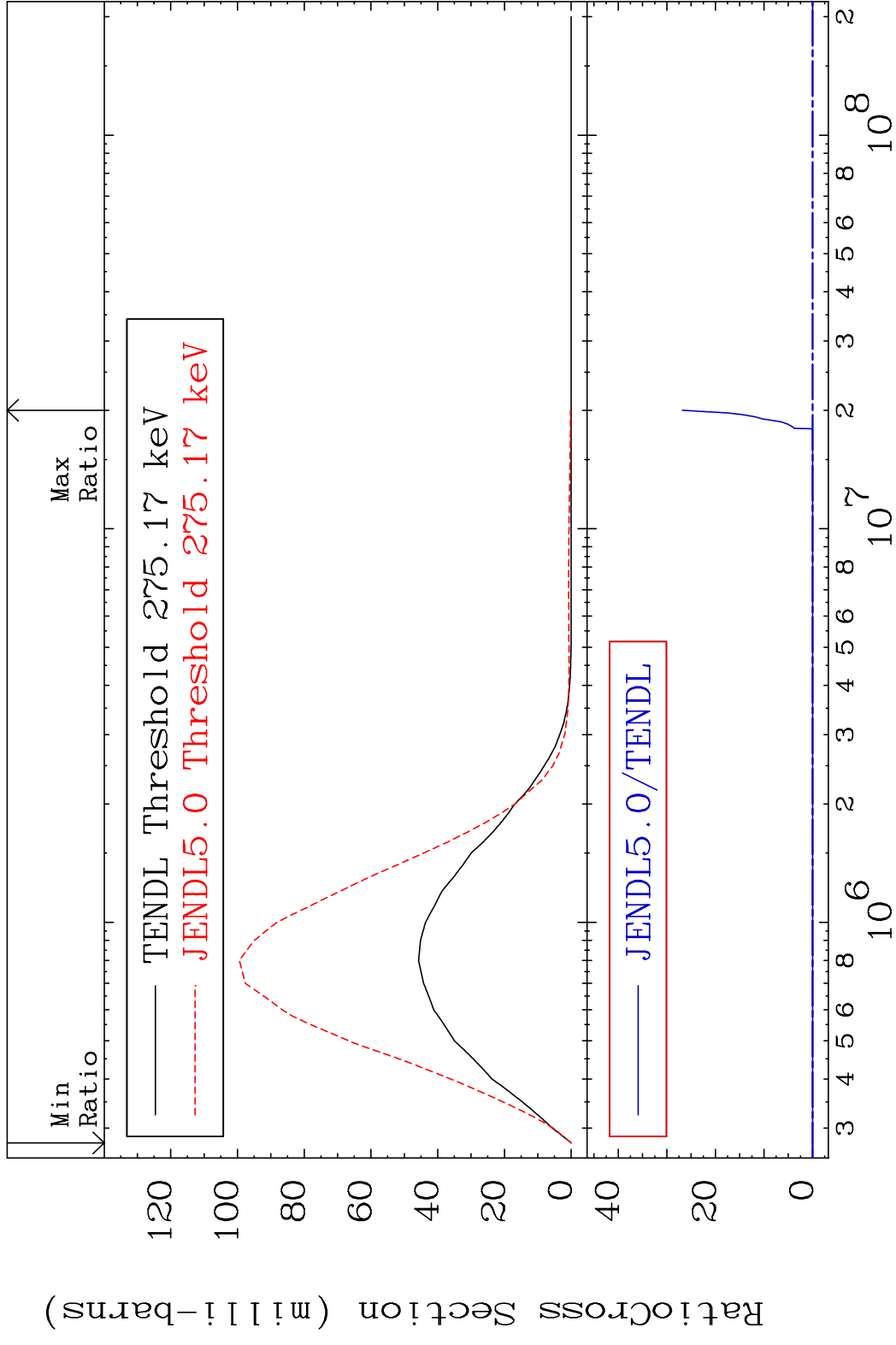
MAT 9234 MT= 57 (n,n') Level 92-U -237
 Cross Section -40.46 To 9999. %



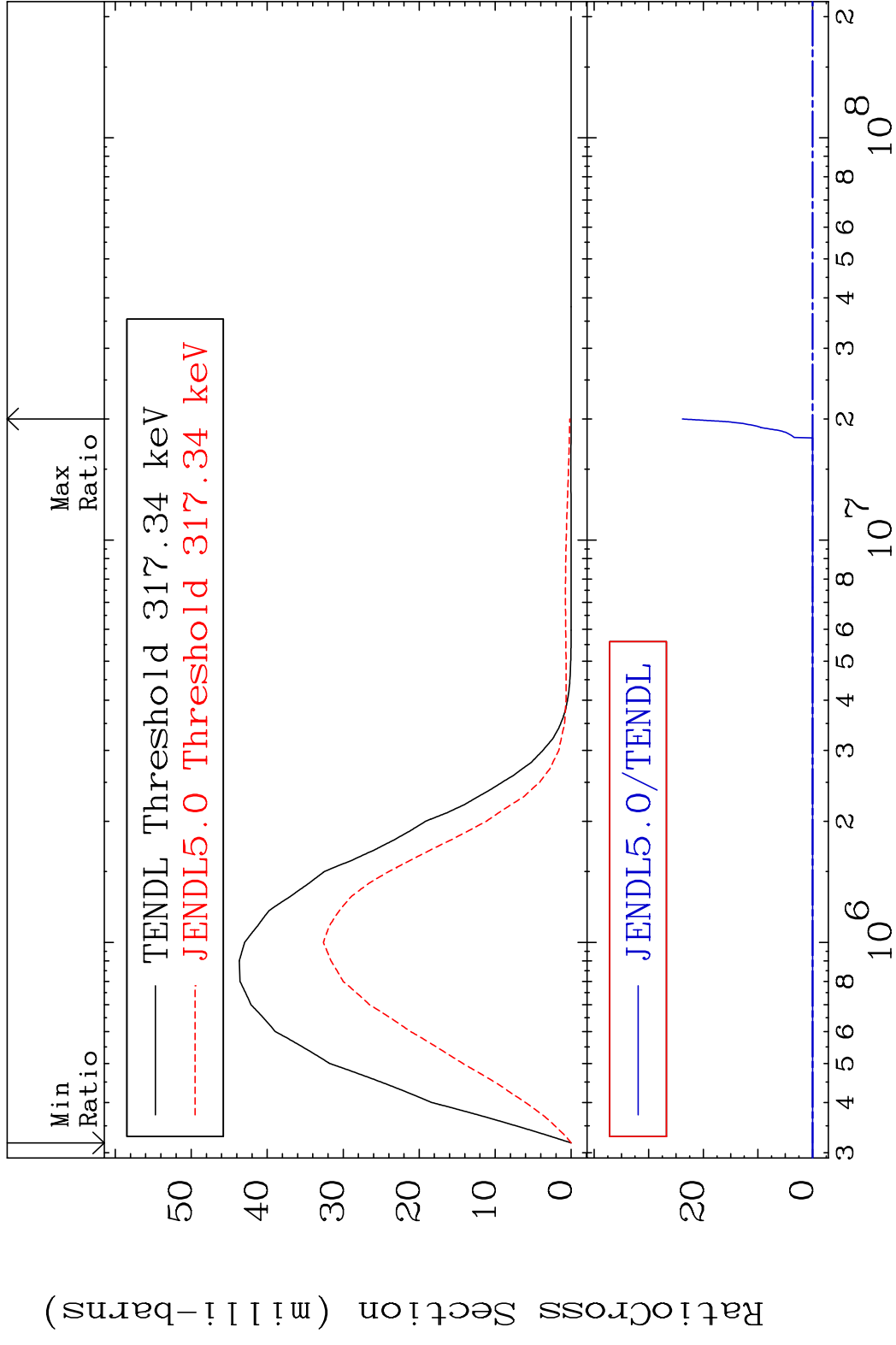
MAT 9234 MT= 58 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



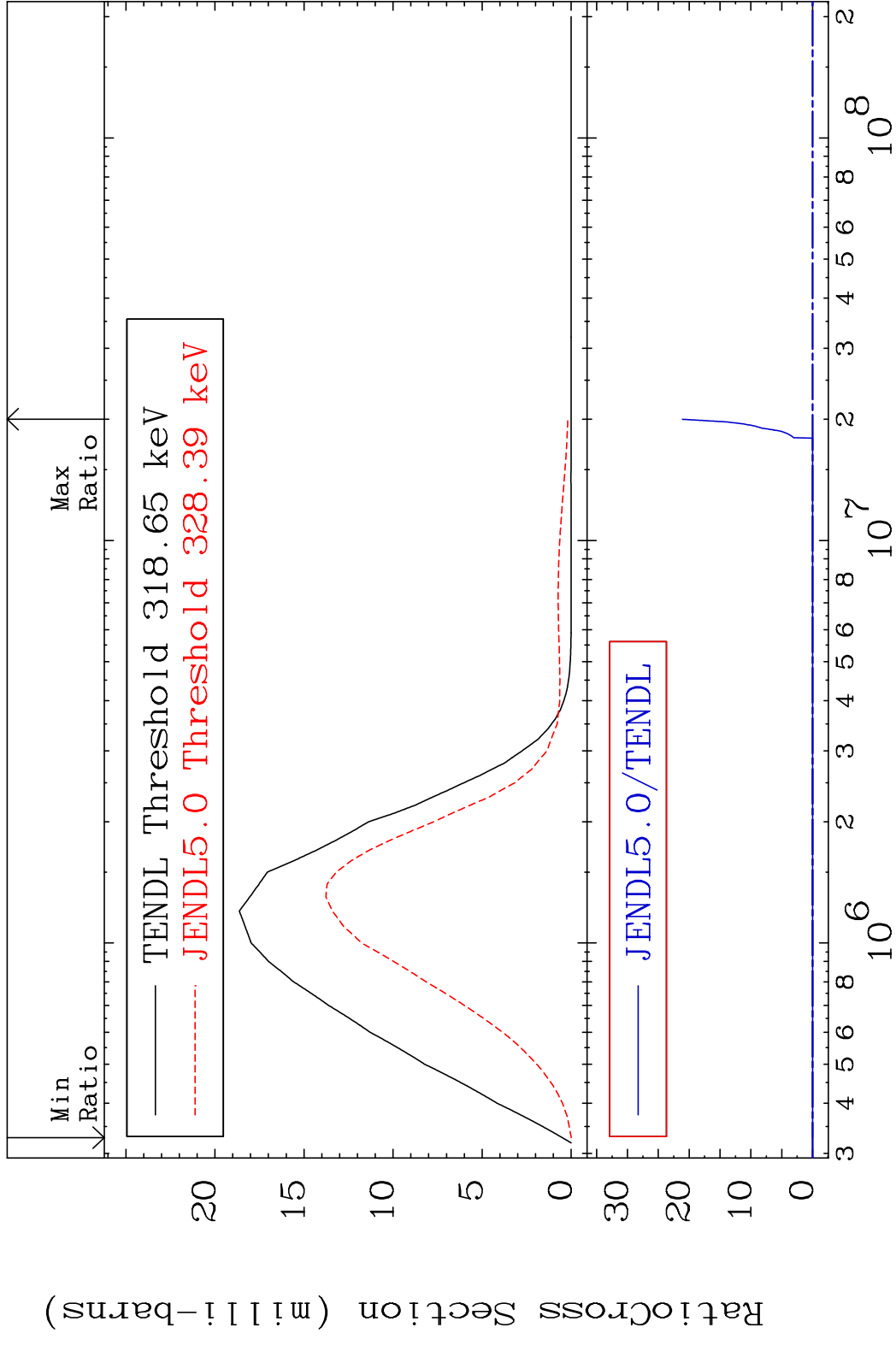
MAT 9234 MT= 59 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



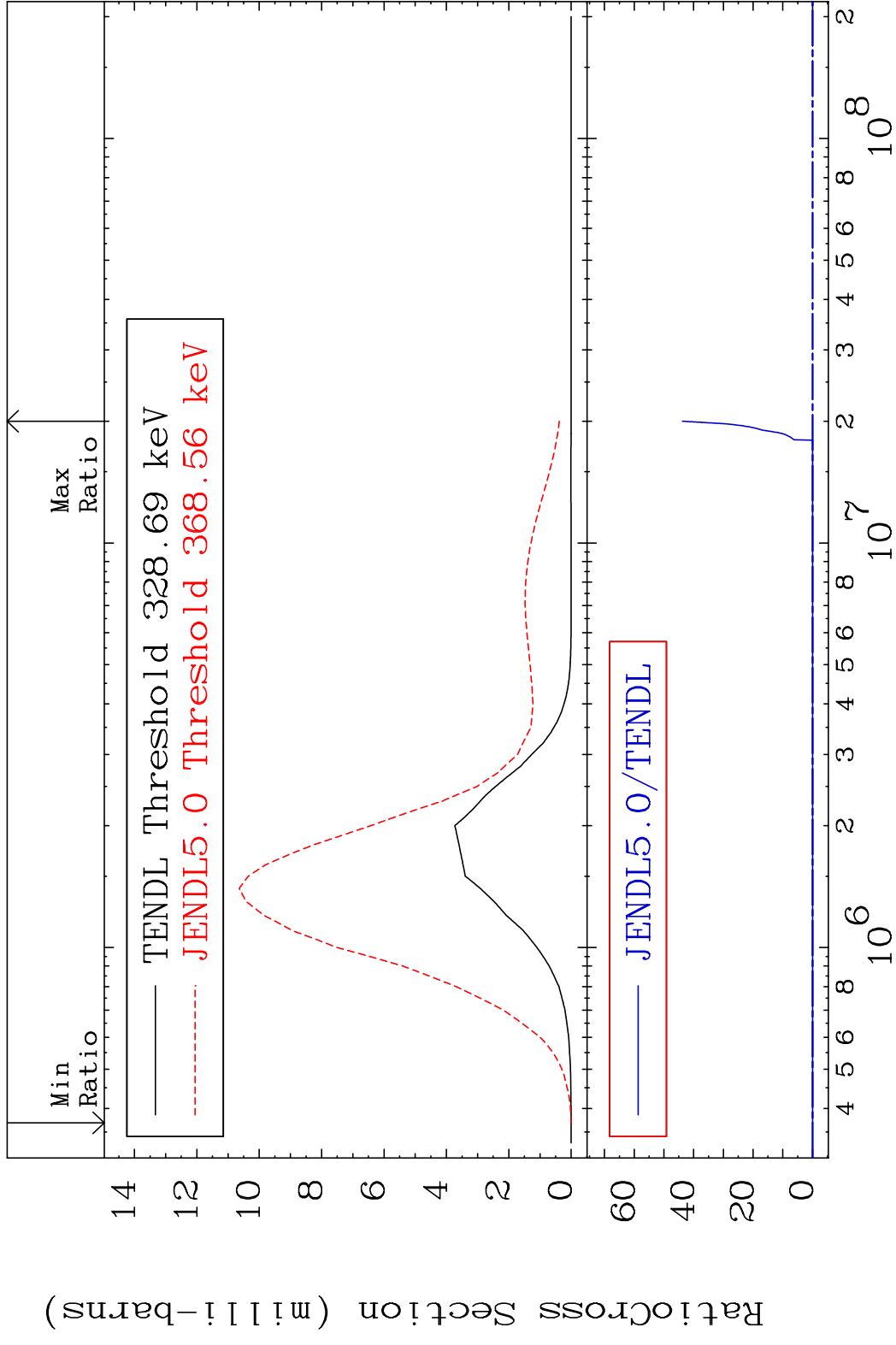
MAT 9234 MT= 60 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



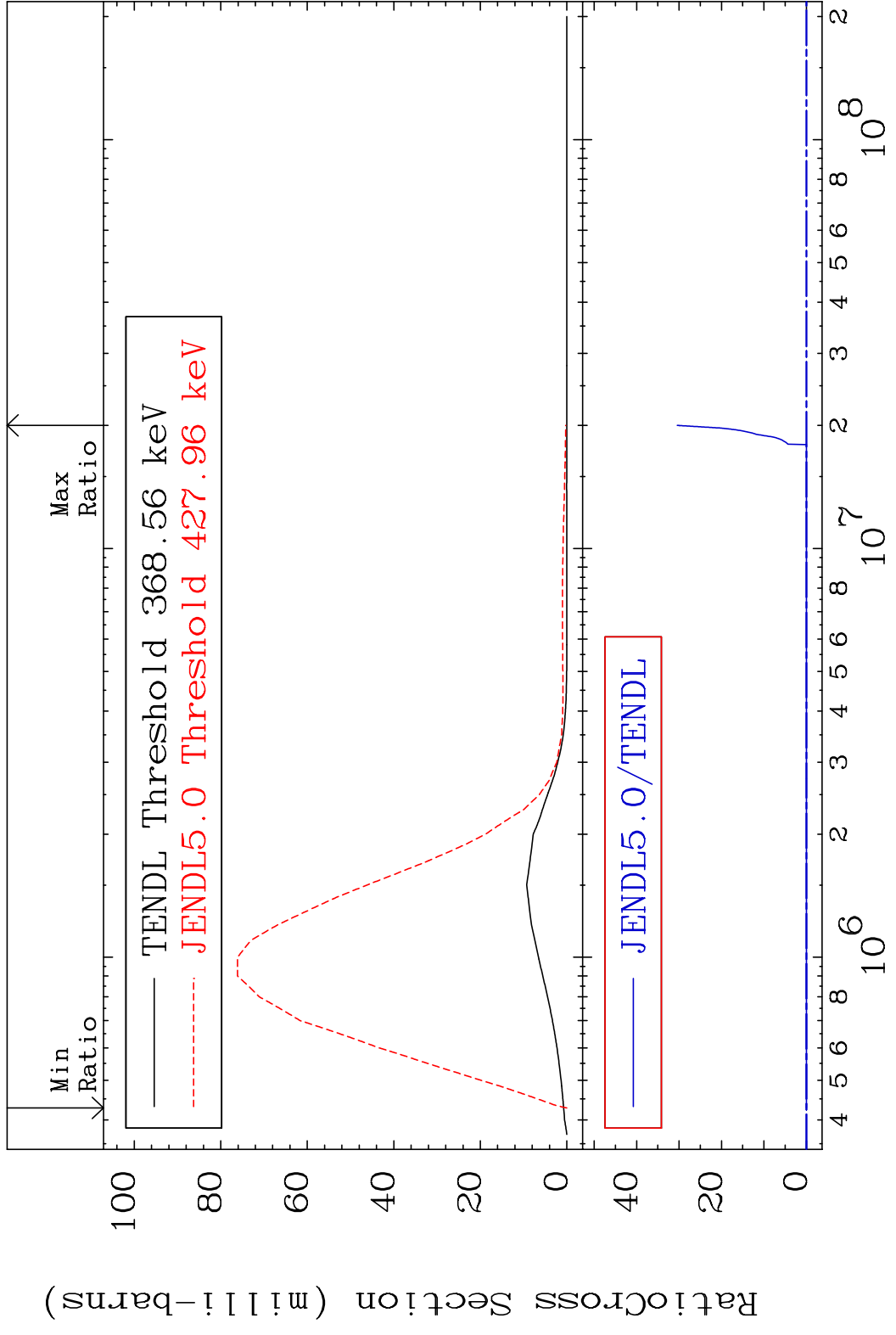
MAT 9234 MT= 61 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 62 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

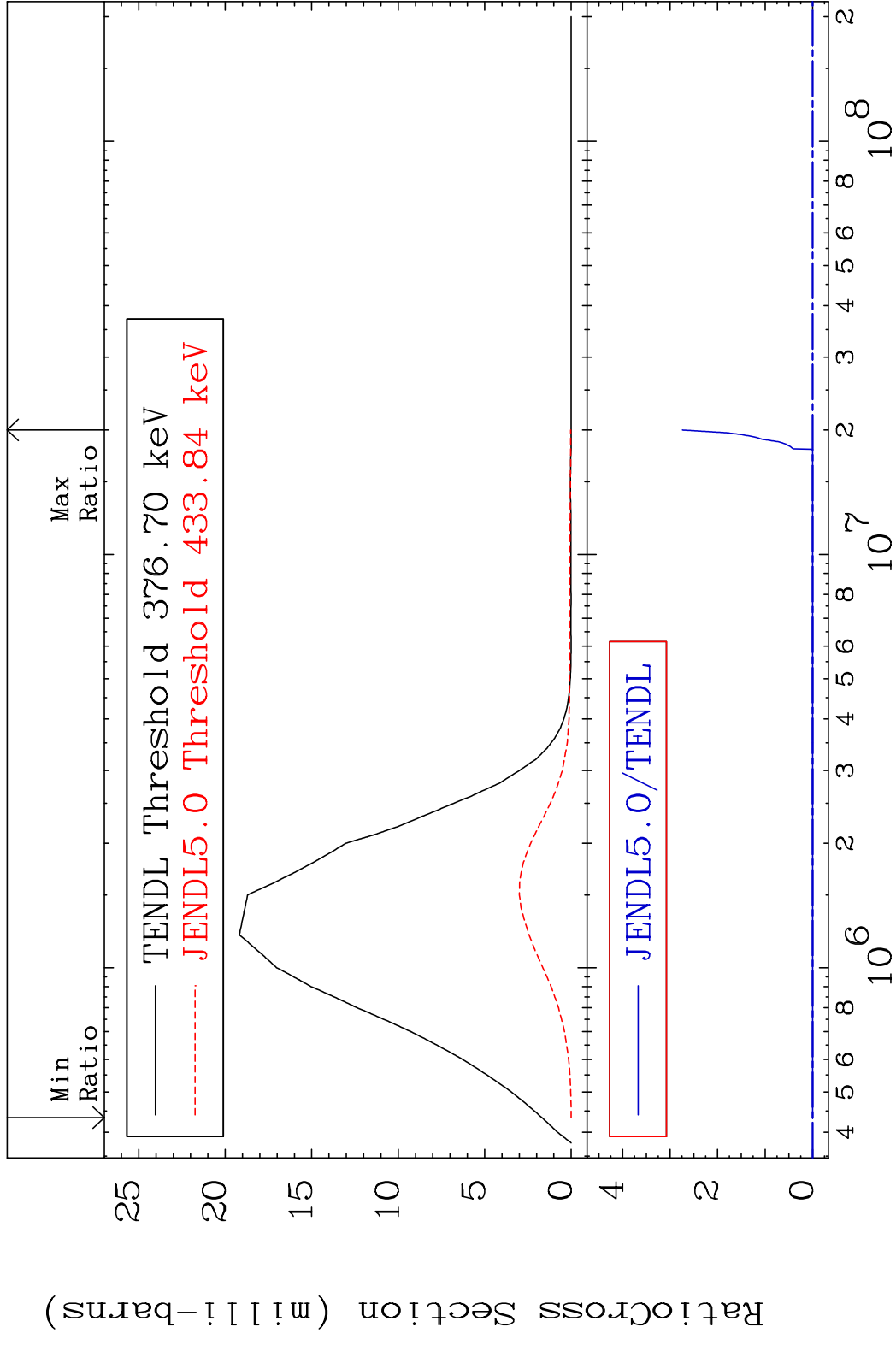


MAT 9234 MT= 63 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %

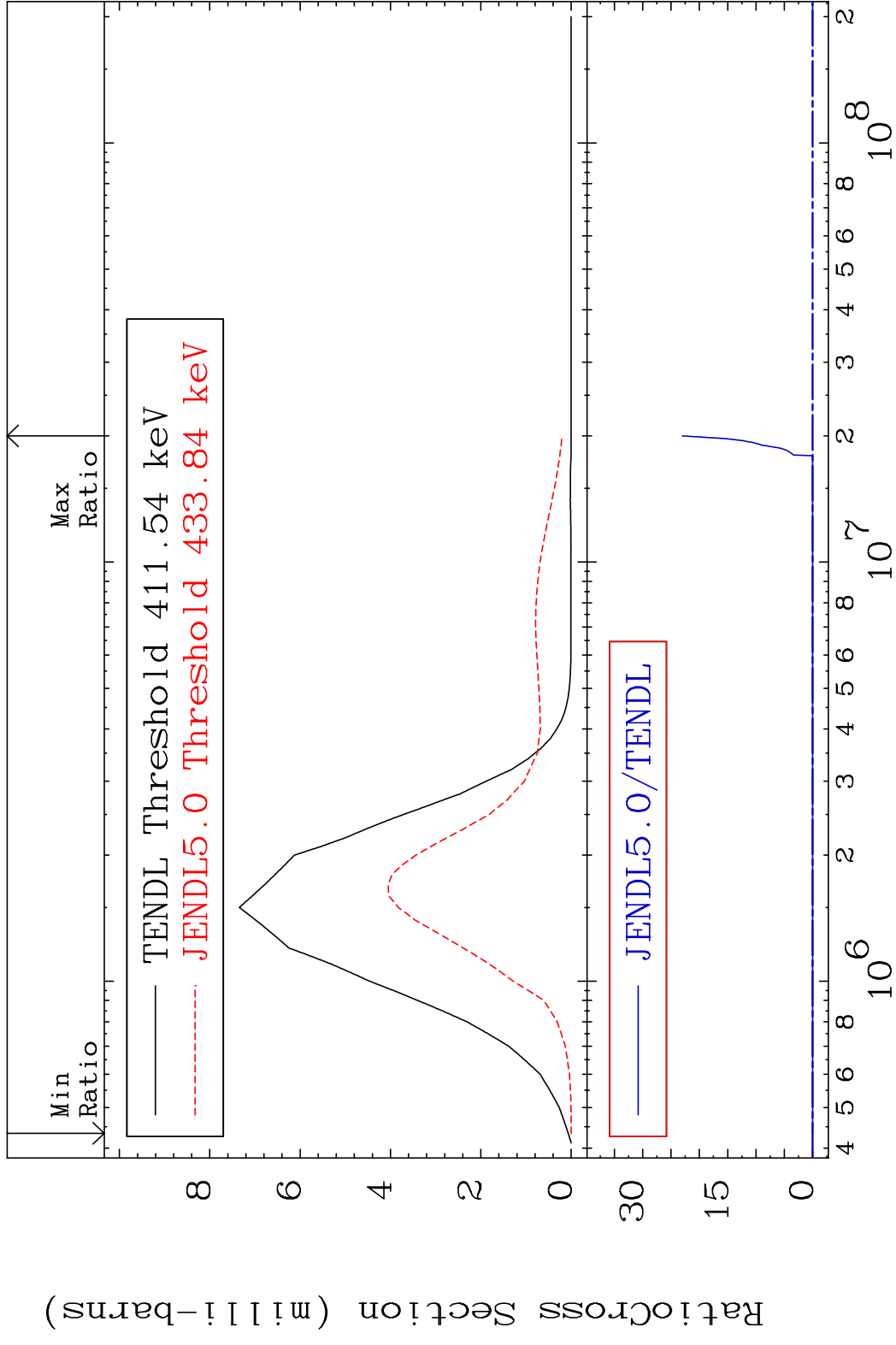


20 Incident Energy (eV) 92-U -237

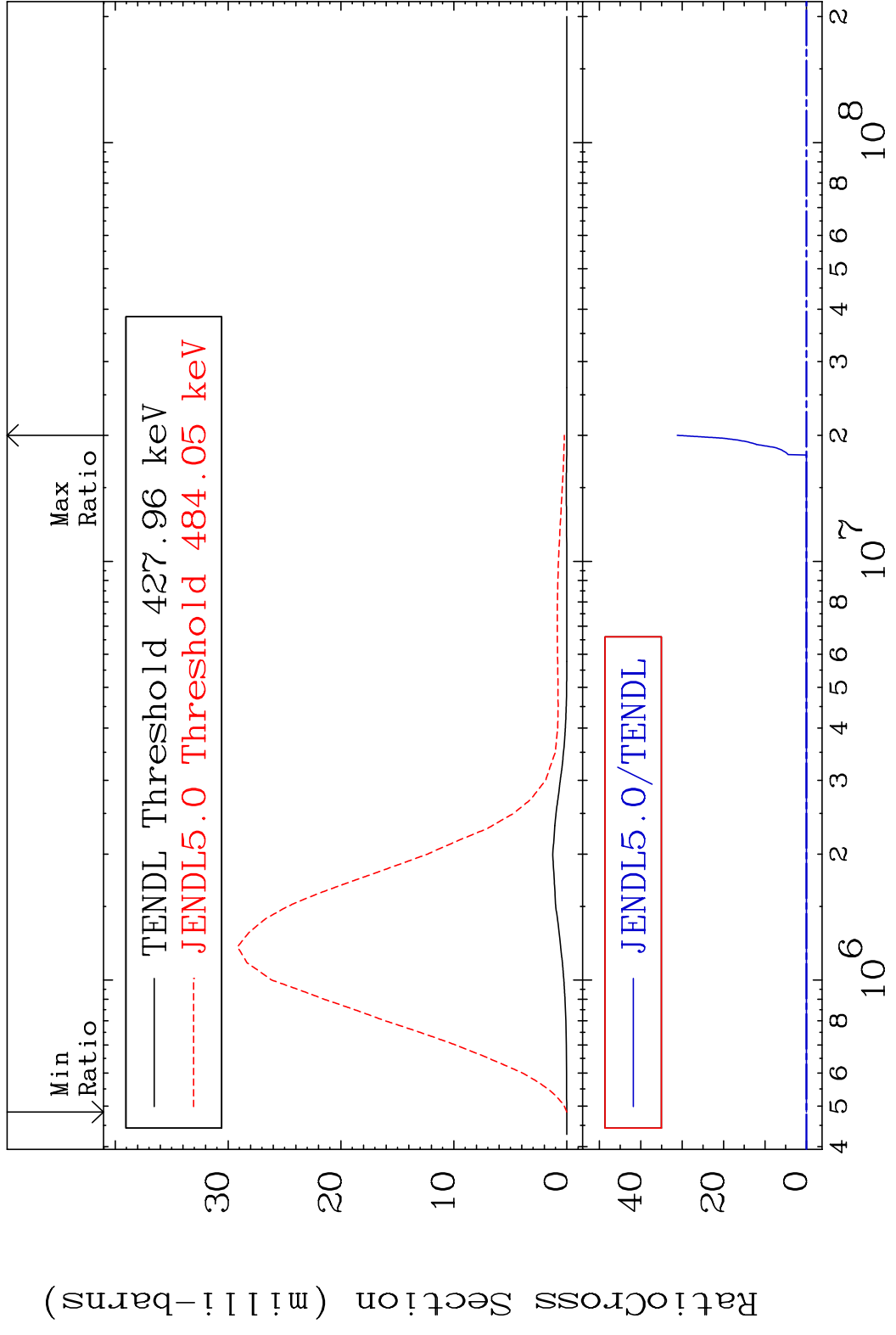
MAT 9234 MT= 64 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



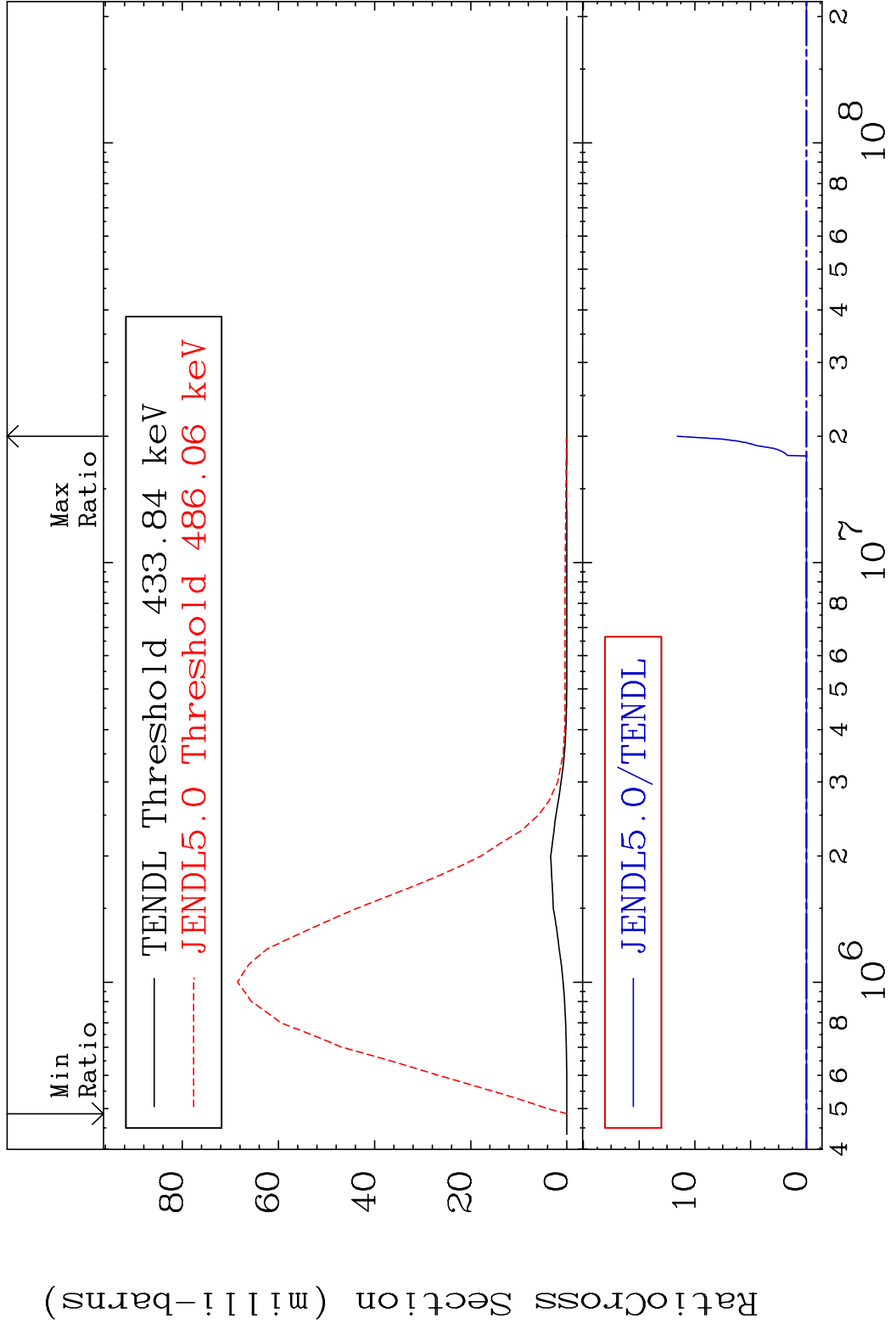
MAT 9234 MT= 65 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



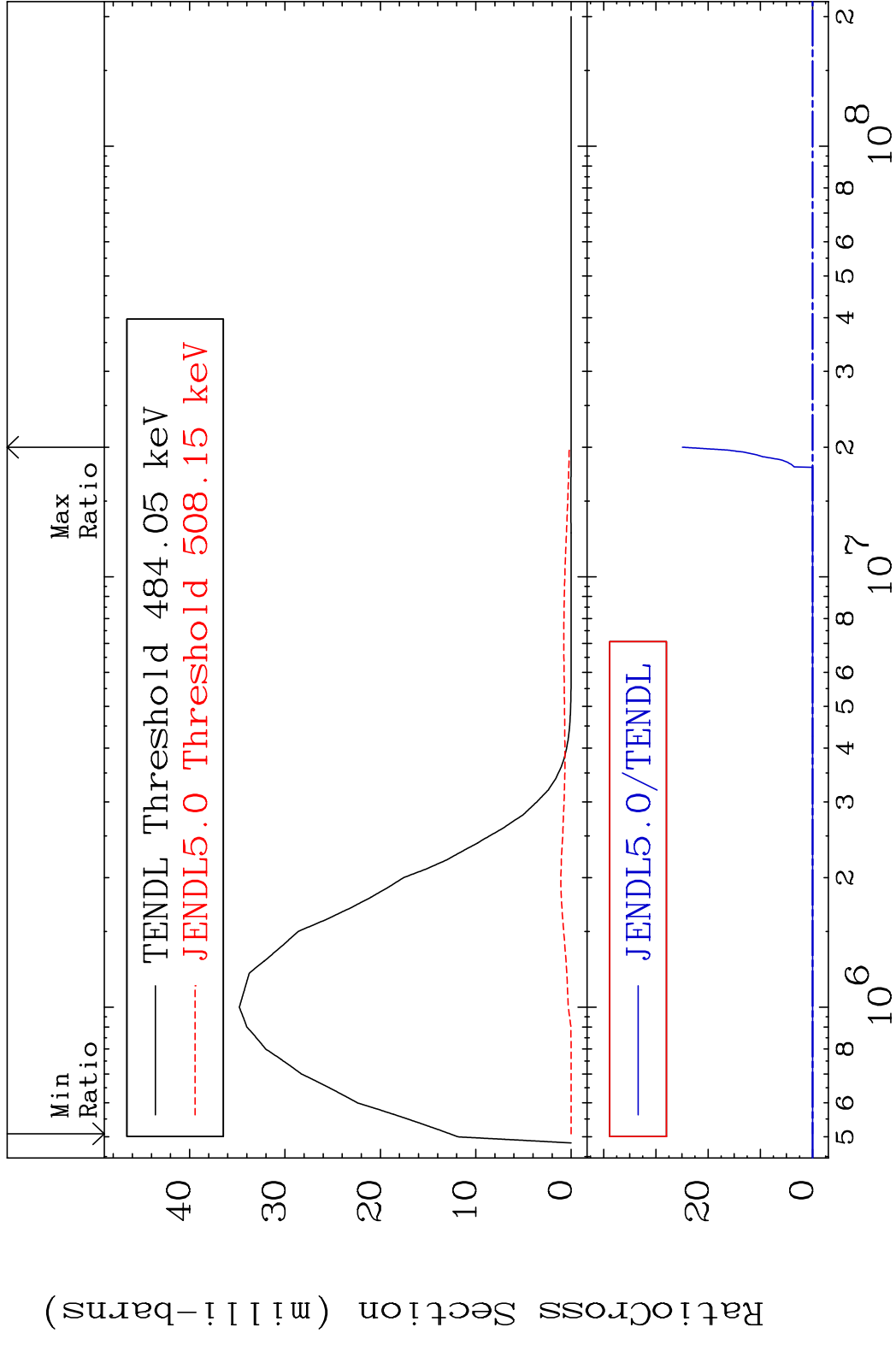
MAT 9234 MT= 66 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 67 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

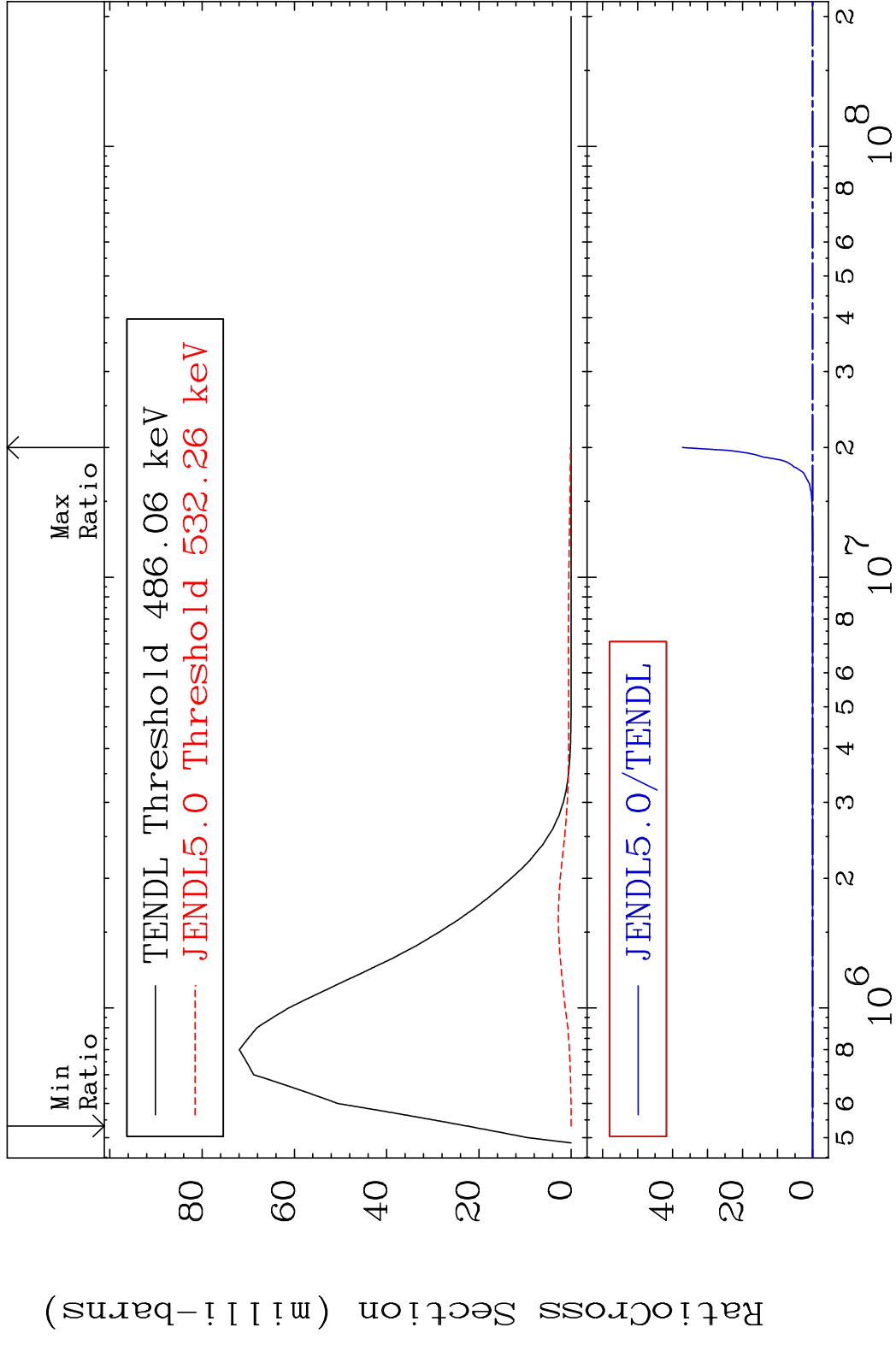


MAT 9234 MT= 68 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

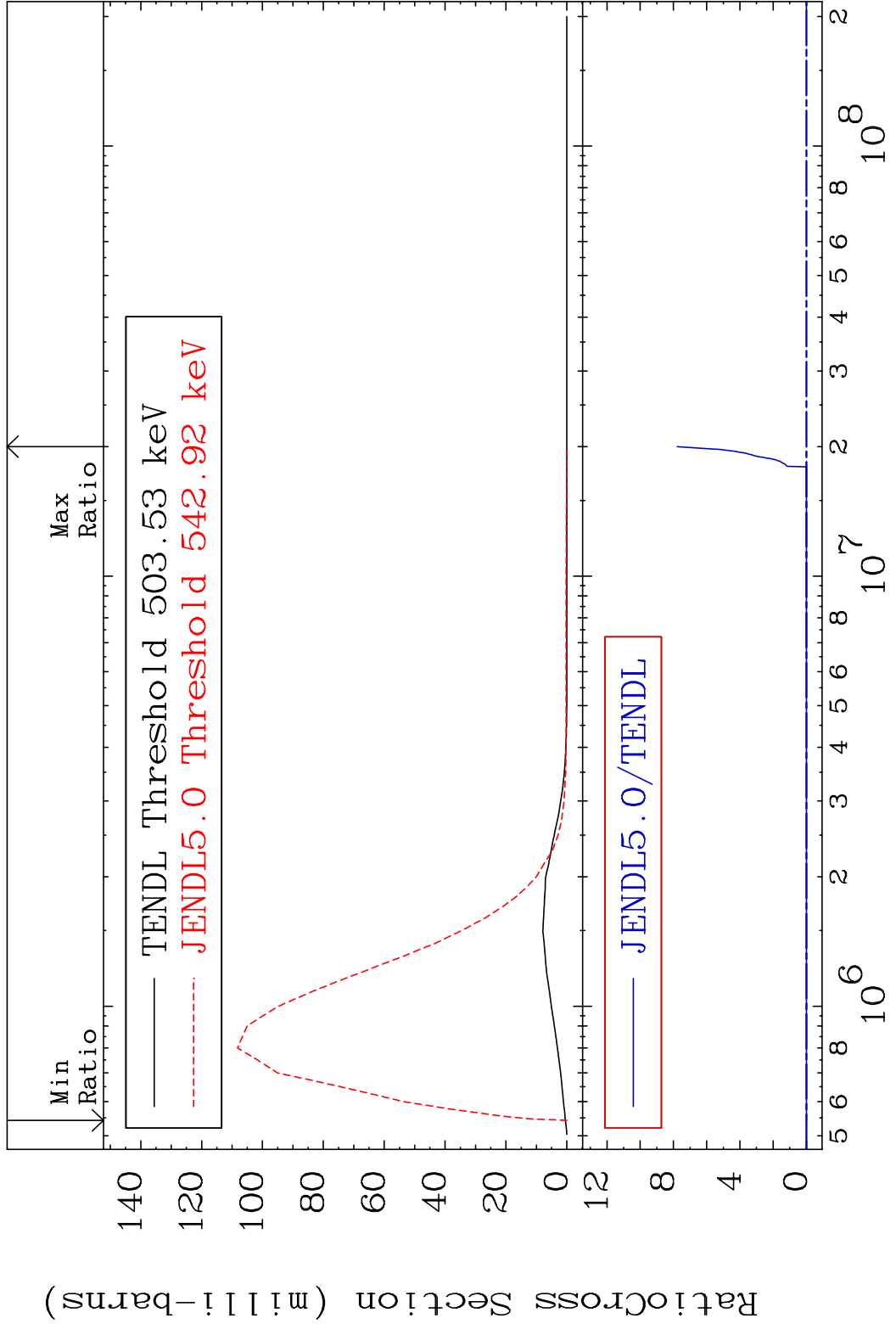


25 Incident Energy (eV) 92-U -237

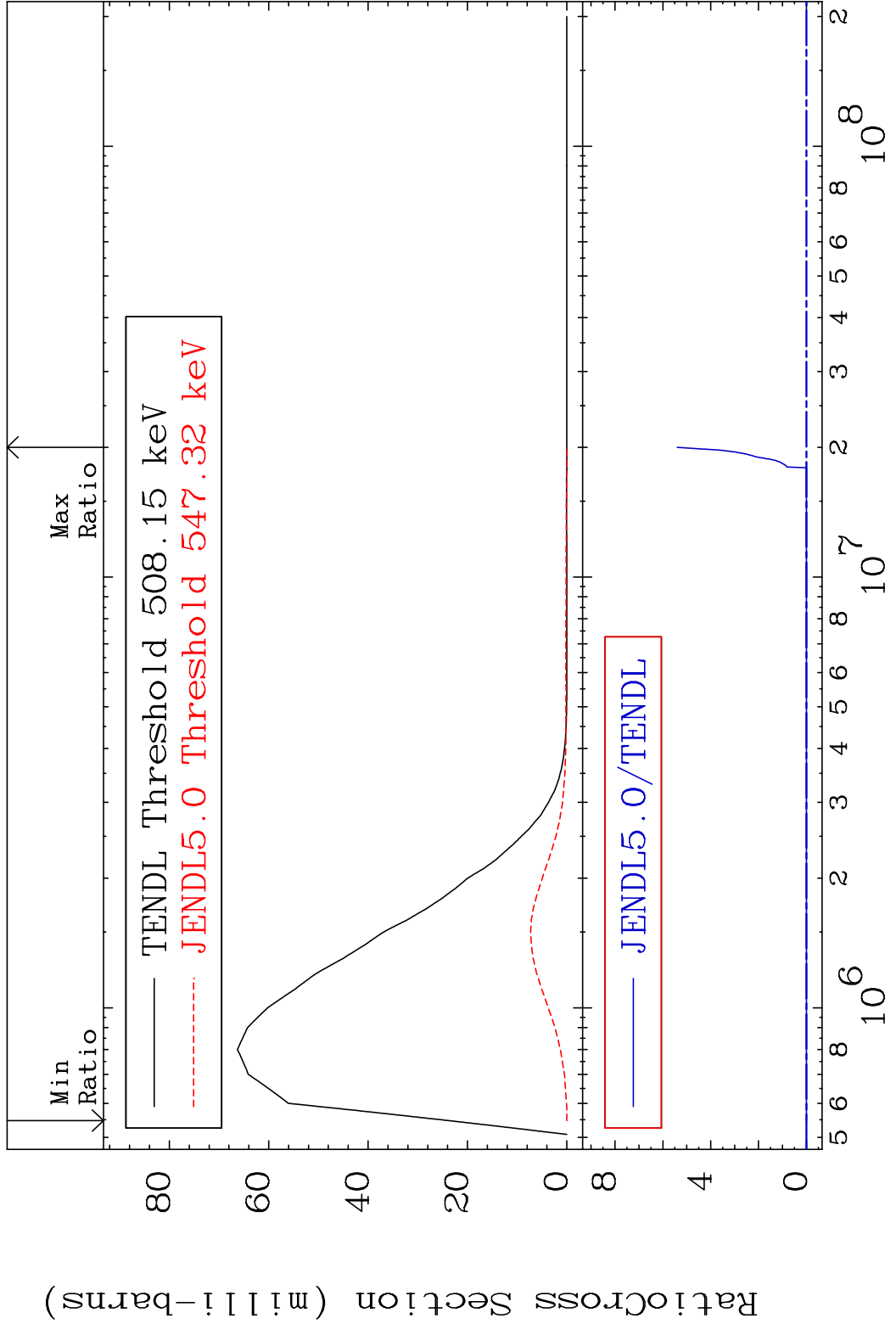
MAT 9234 MT= 69 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



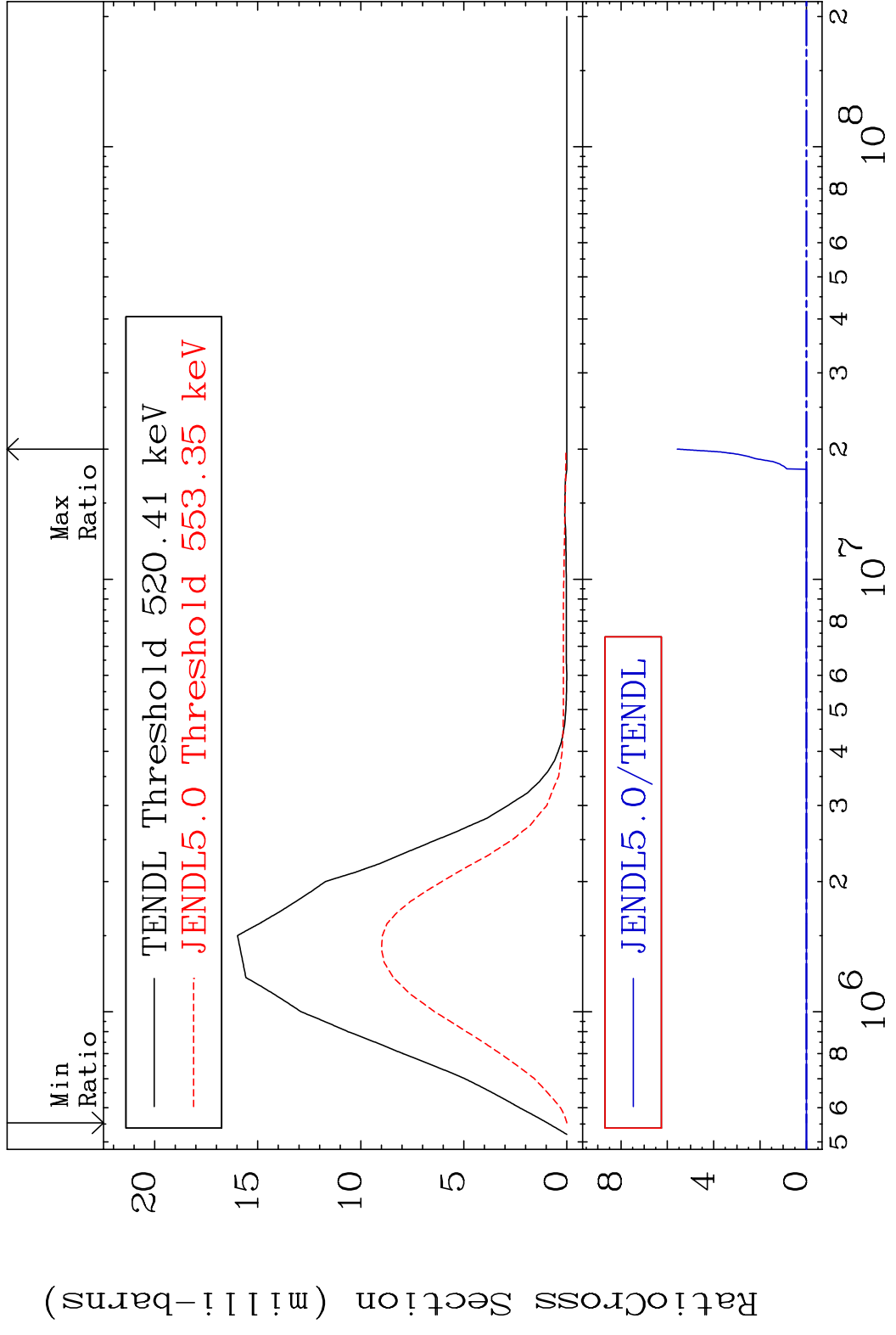
MAT 9234 MT= 70 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



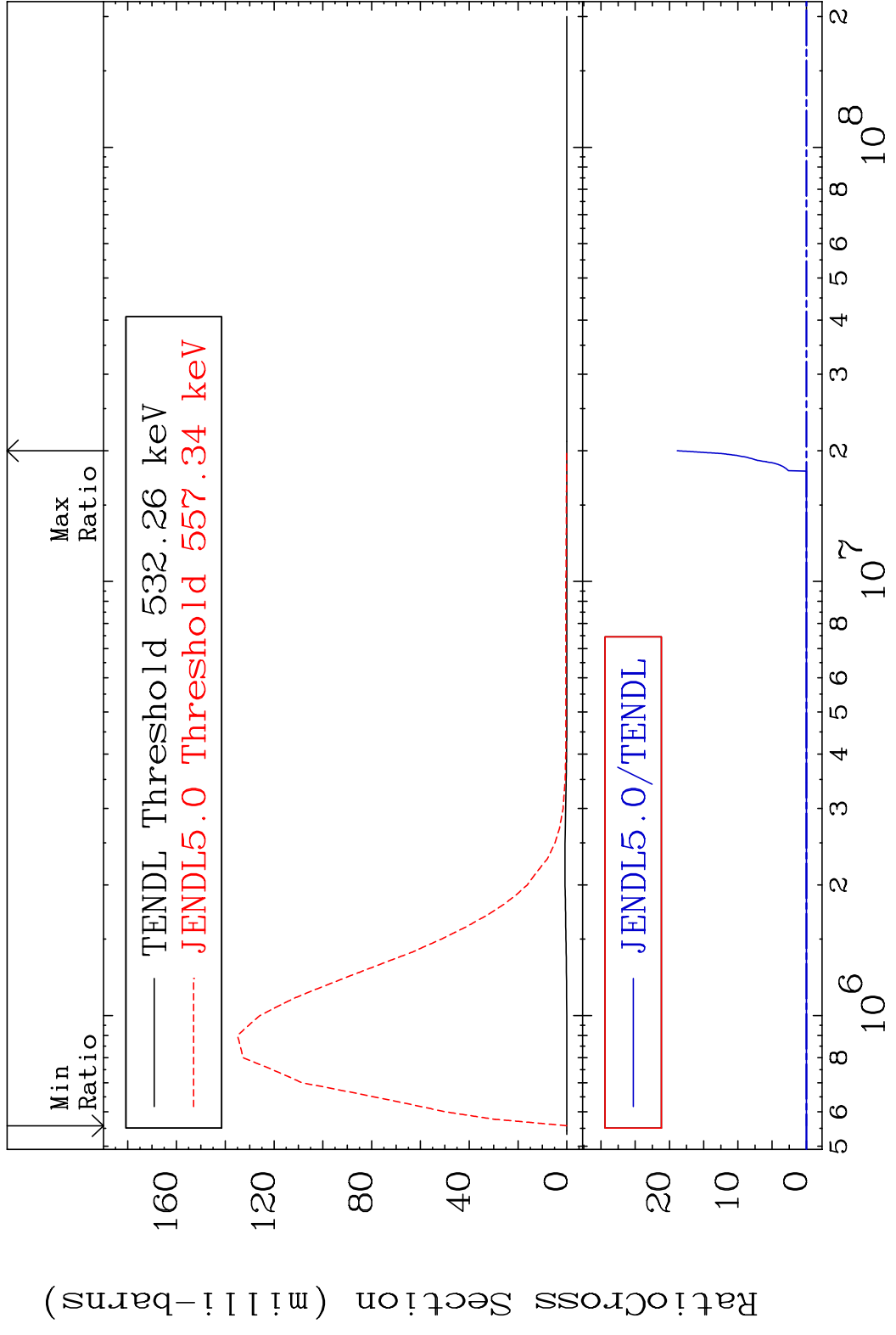
MAT 9234 MT= 71 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 72 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

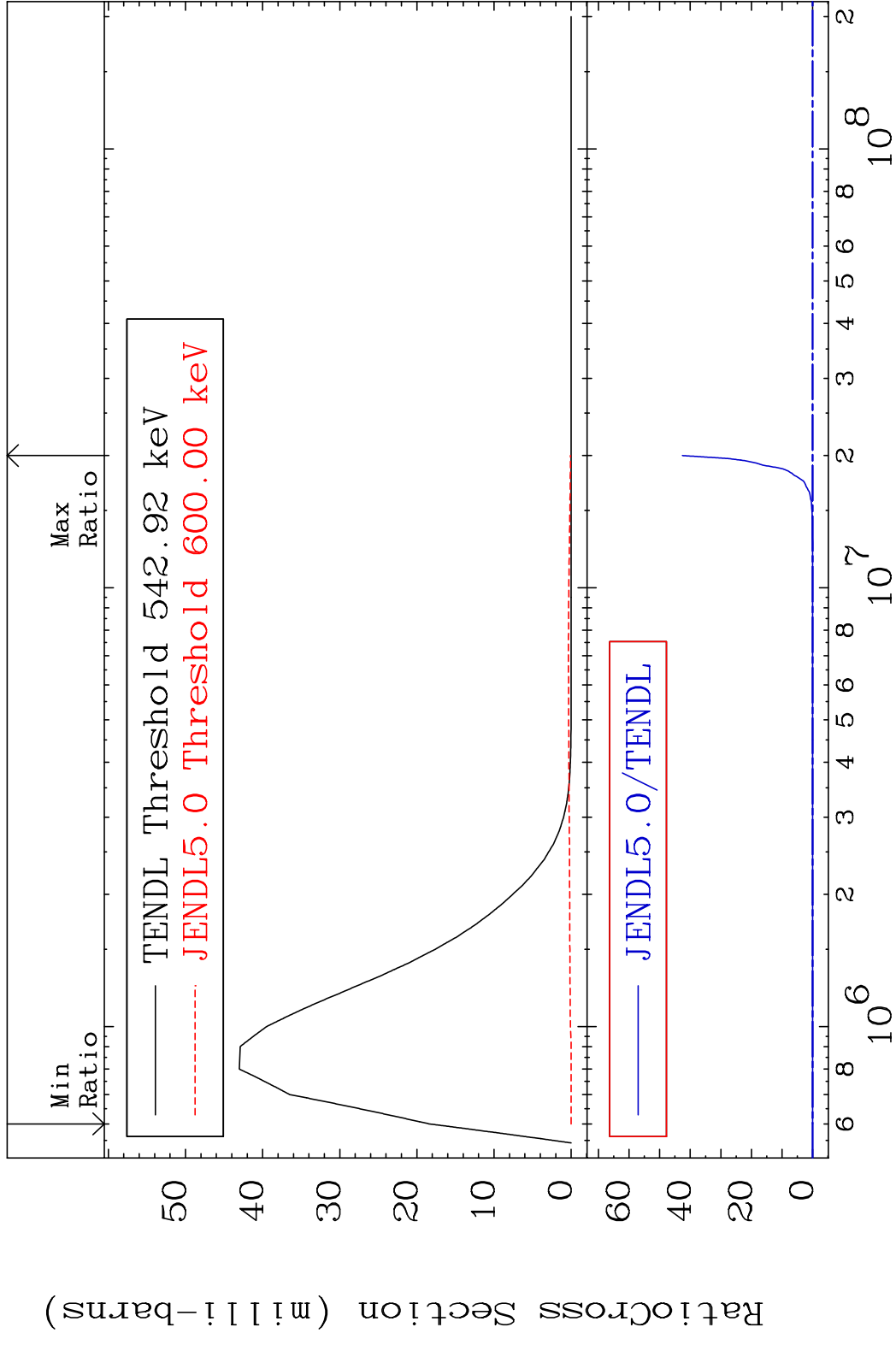


MAT 9234 MT= 73 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



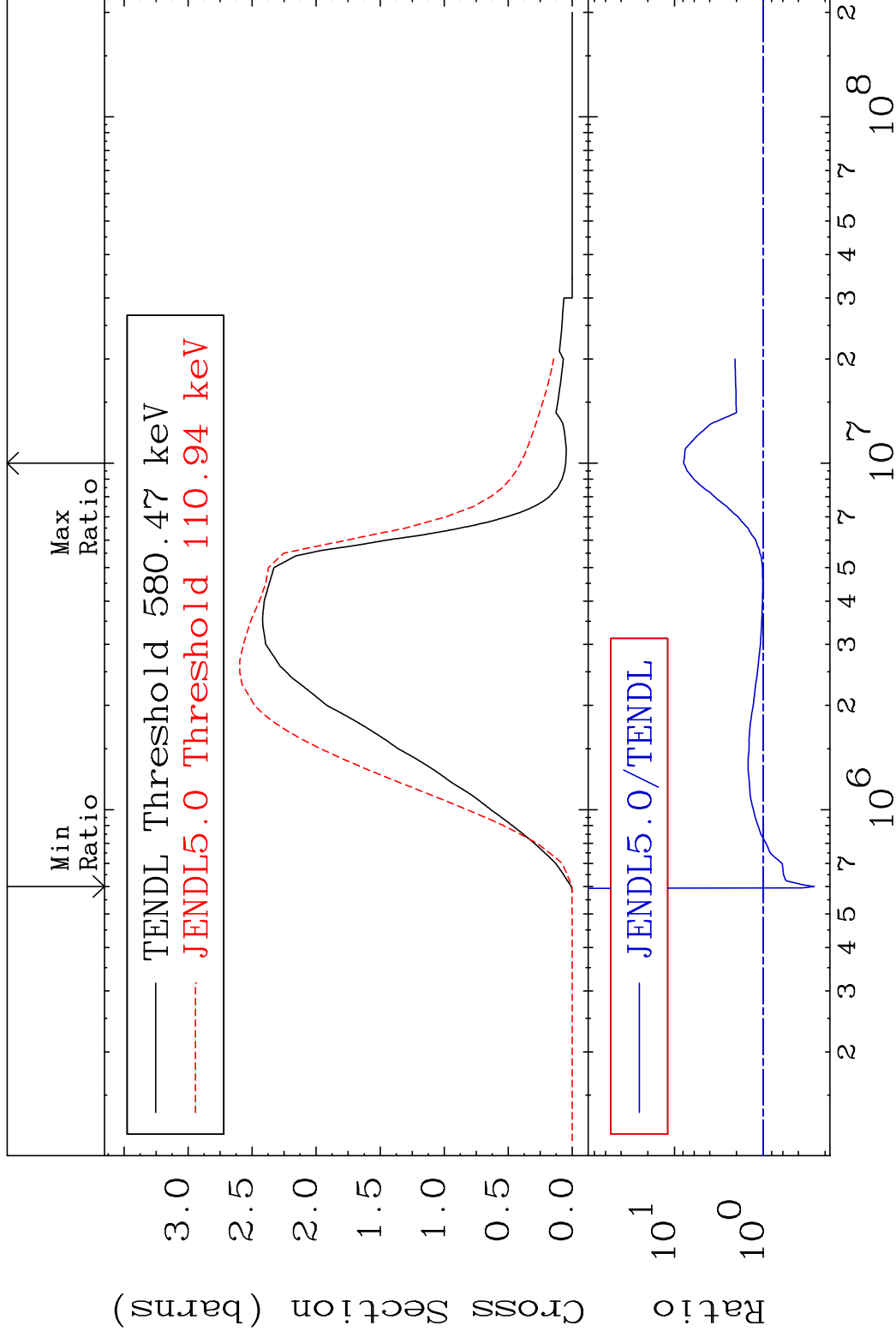
30 Incident Energy (eV) 92-U -237

MAT 9234 MT= 74 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



MAT 9234

(n, n') Continuum 92-U -237
Cross Section -73.36 To 688.0 %



32

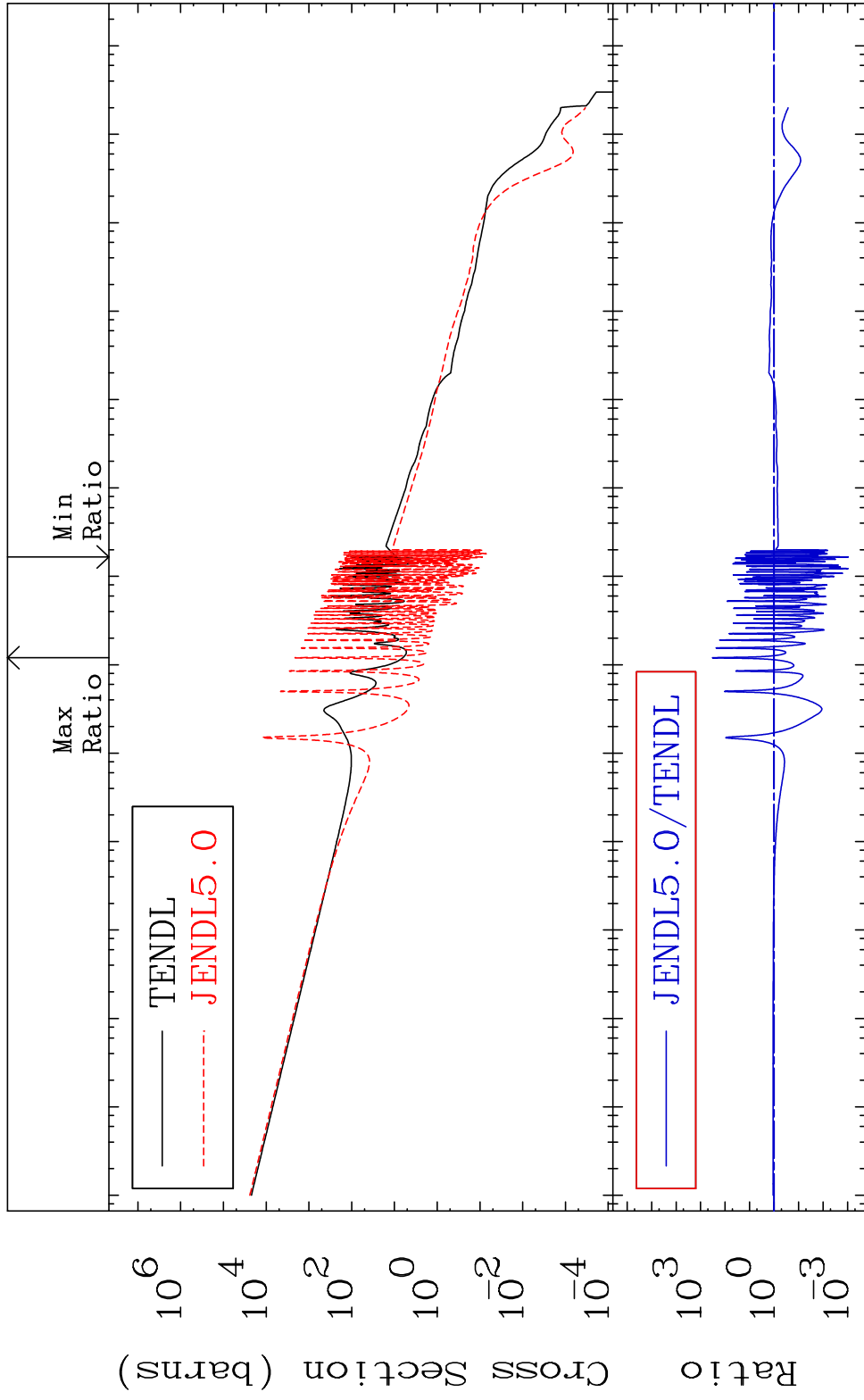
Incident Energy (eV) 92-U -237

MAT 9234

(n, γ)

92-U -237

Cross Section -99.91 To 9999. %

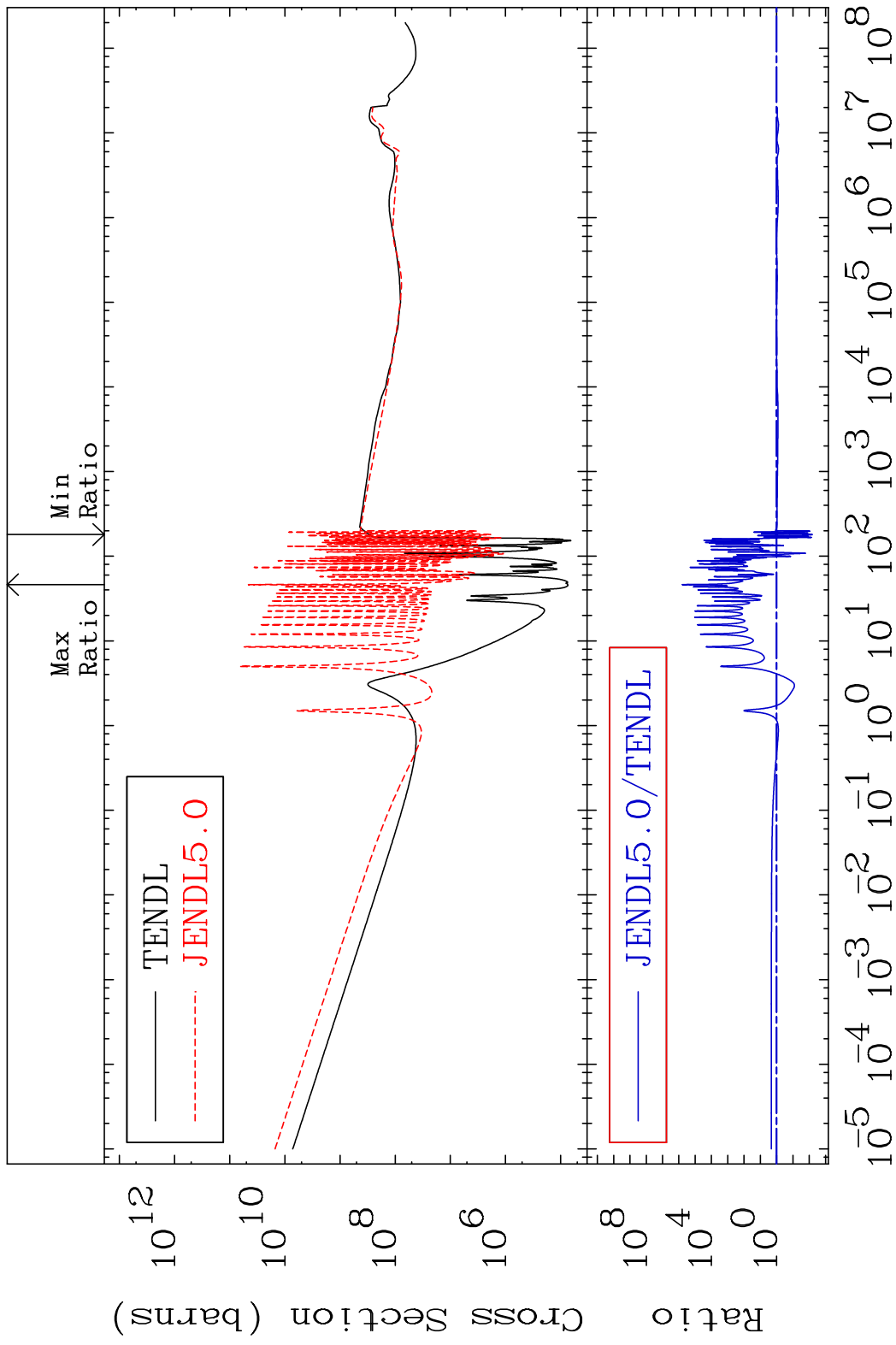


33

Incident Energy (eV)

92-U -237

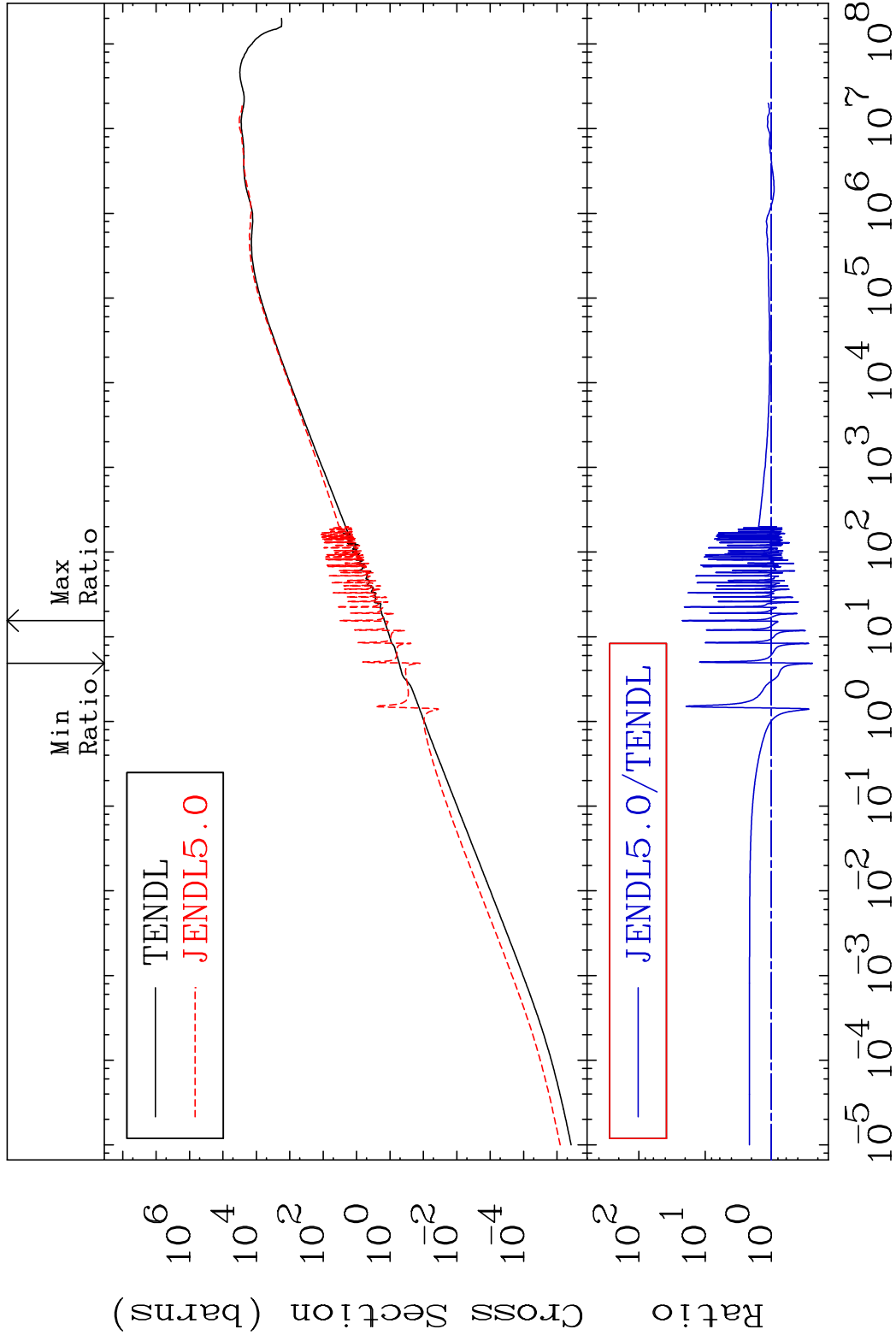
MAT 9234 Kerma total (eV-barns) 92-U -237
 Cross Section -99.38 To 9999. %



MAT 9234

Kerma elastic
Cross Section -76.03 To 2103. %

92-U -237

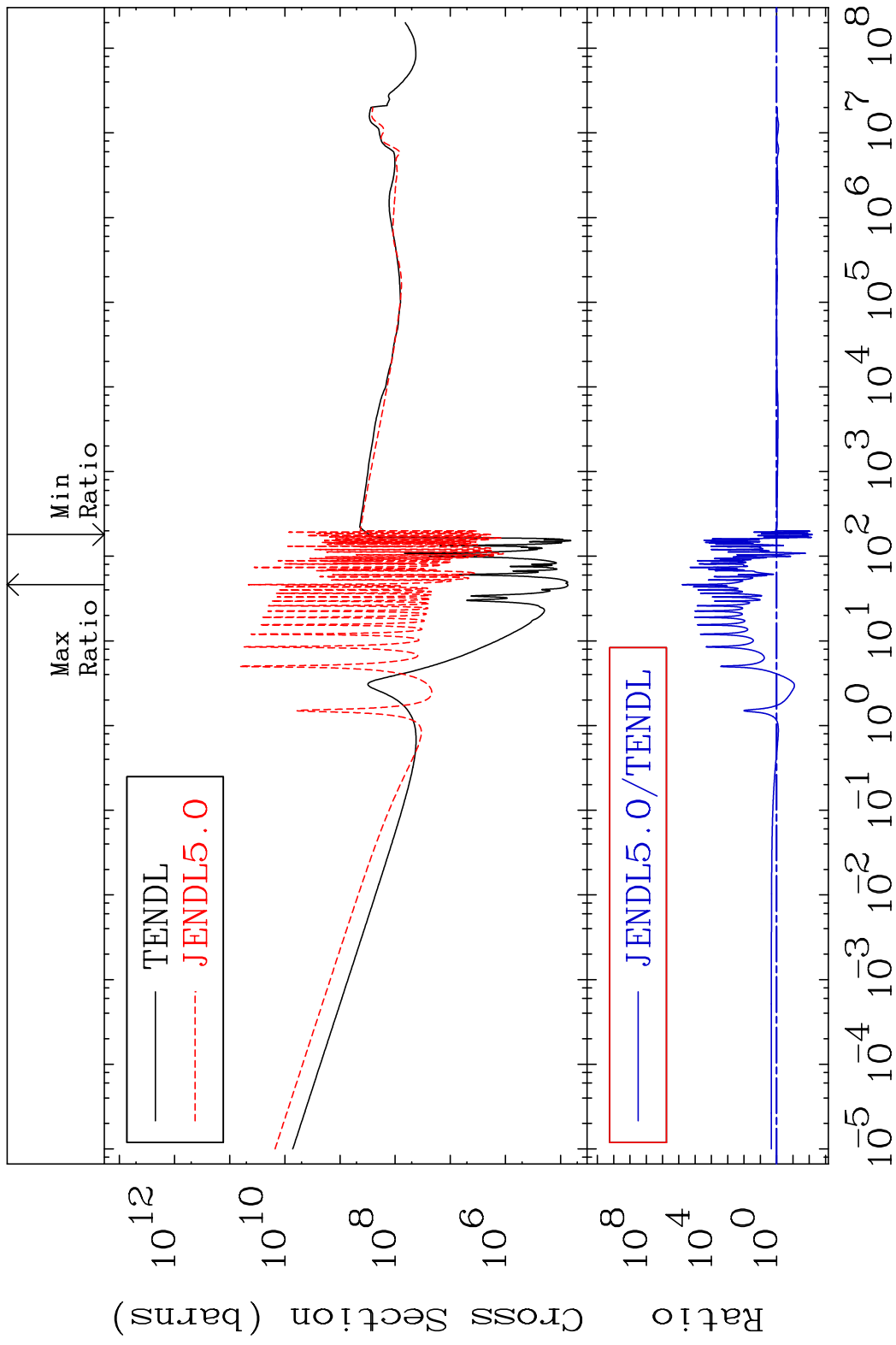


35

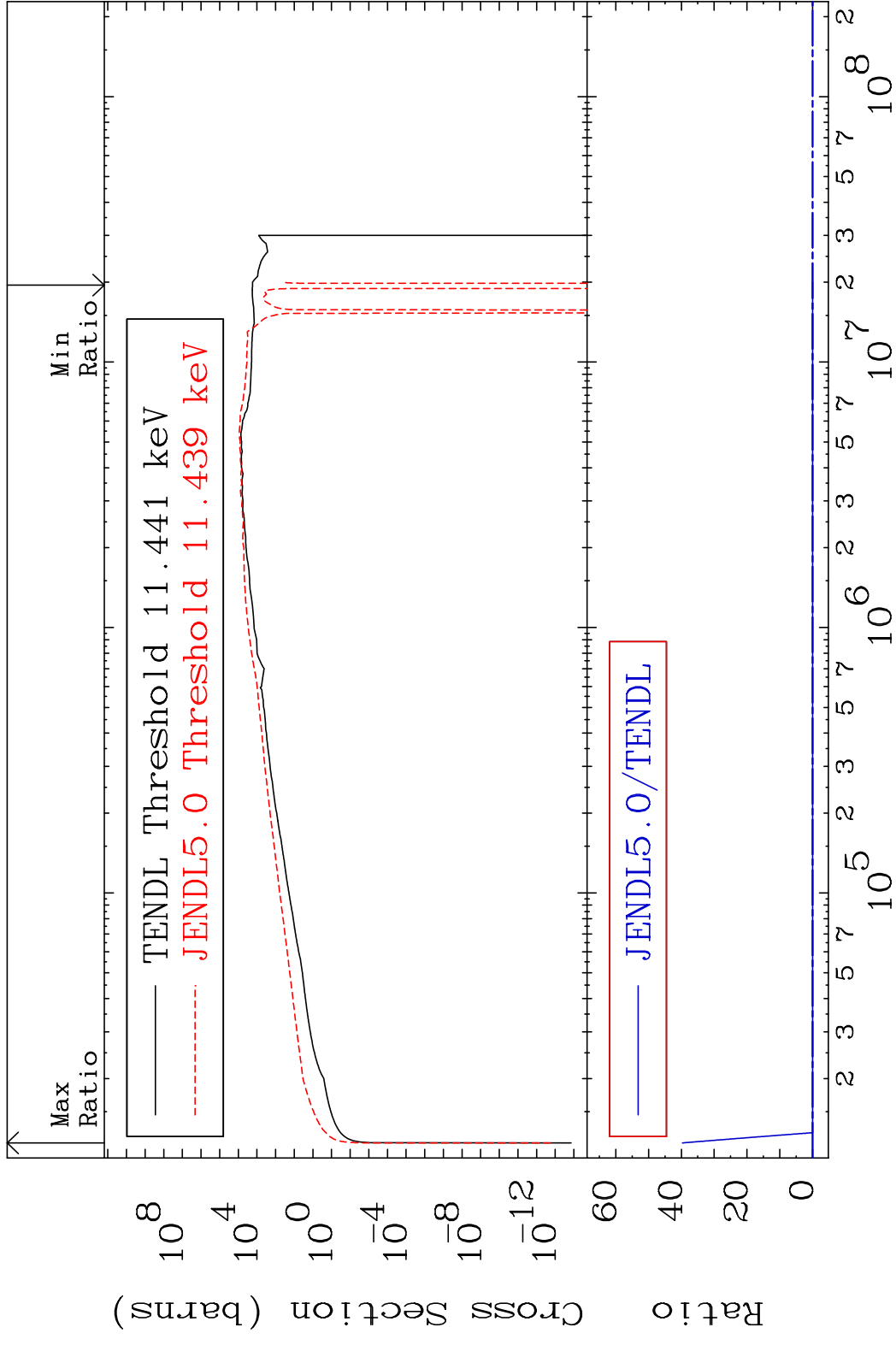
Incident Energy (eV)

92-U -237

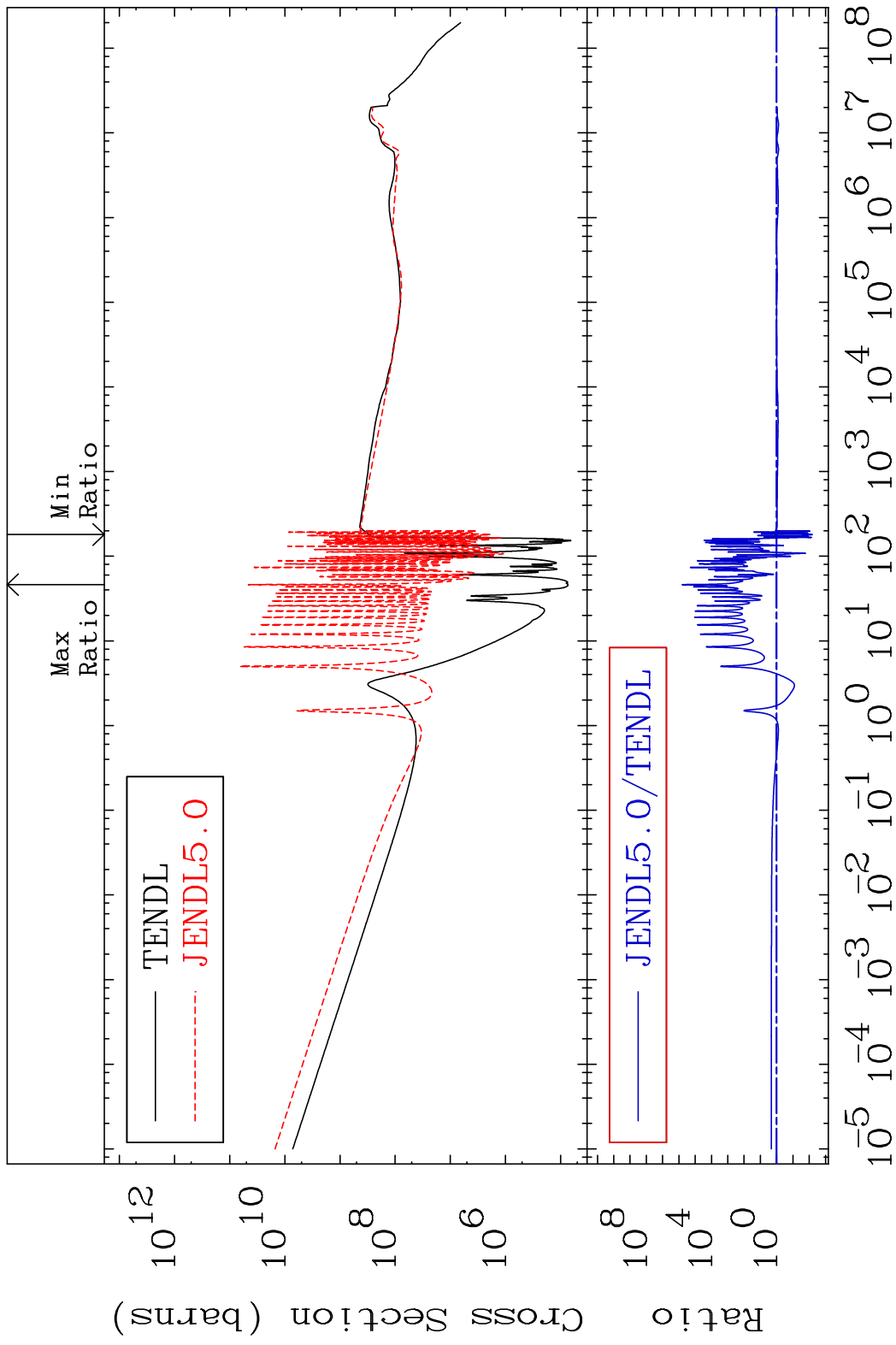
MAT 9234 Kerma non-elastic (all but mt2) 92-U -237
 Cross Section -99.38 To 9999. %



MAT 9234 Kerma inelastic (mt51-91) 92-U -237
 Cross Section -104.3 To 9999. %

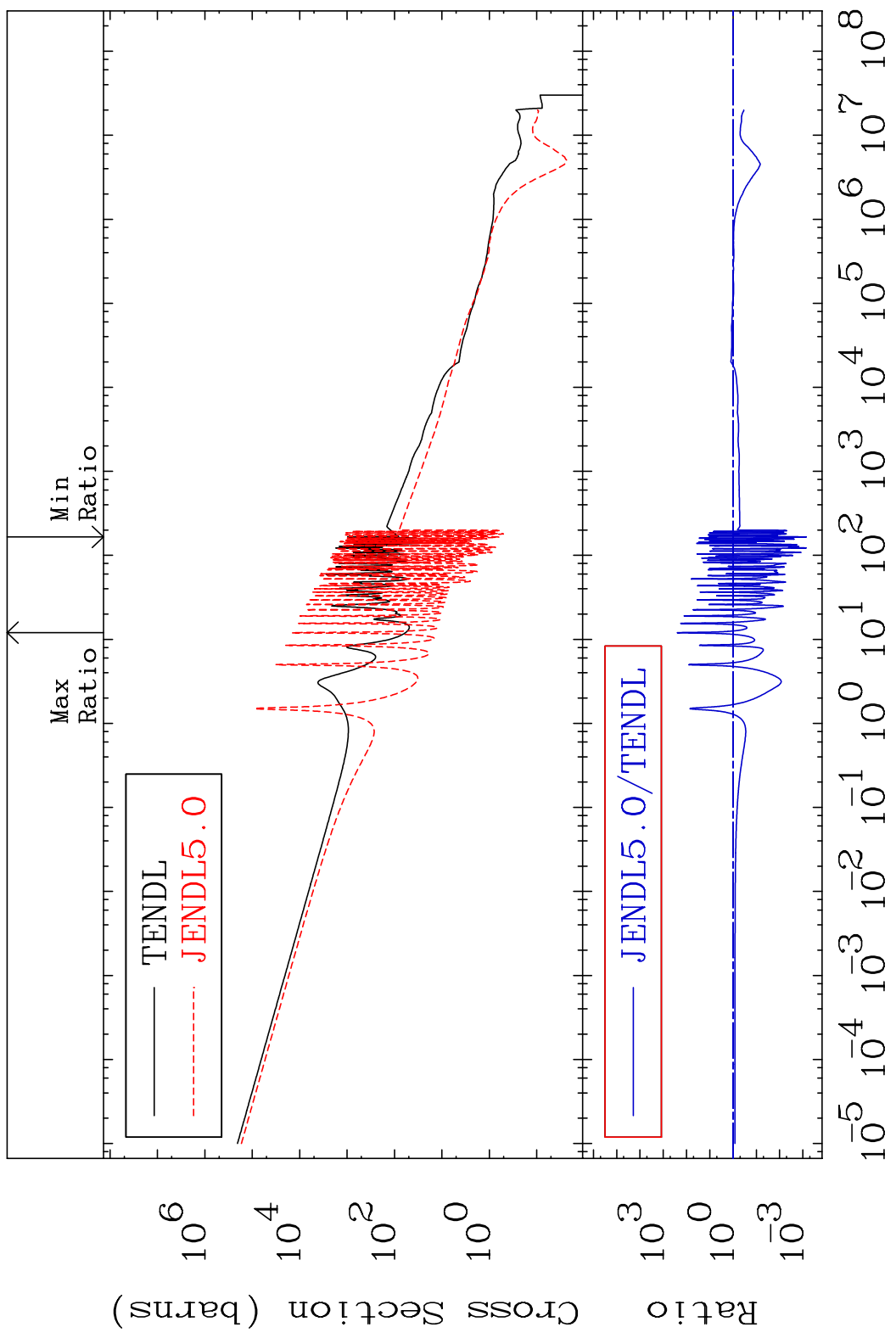


MAT 9234 Kerma fission (mt18 or mt19-20-21-38)2-U -237
Cross Section -99.38 To 9999. %



MAT 9234

Kerma capture (mt102) 92-U -237
Cross Section -99.93 To 9999. %

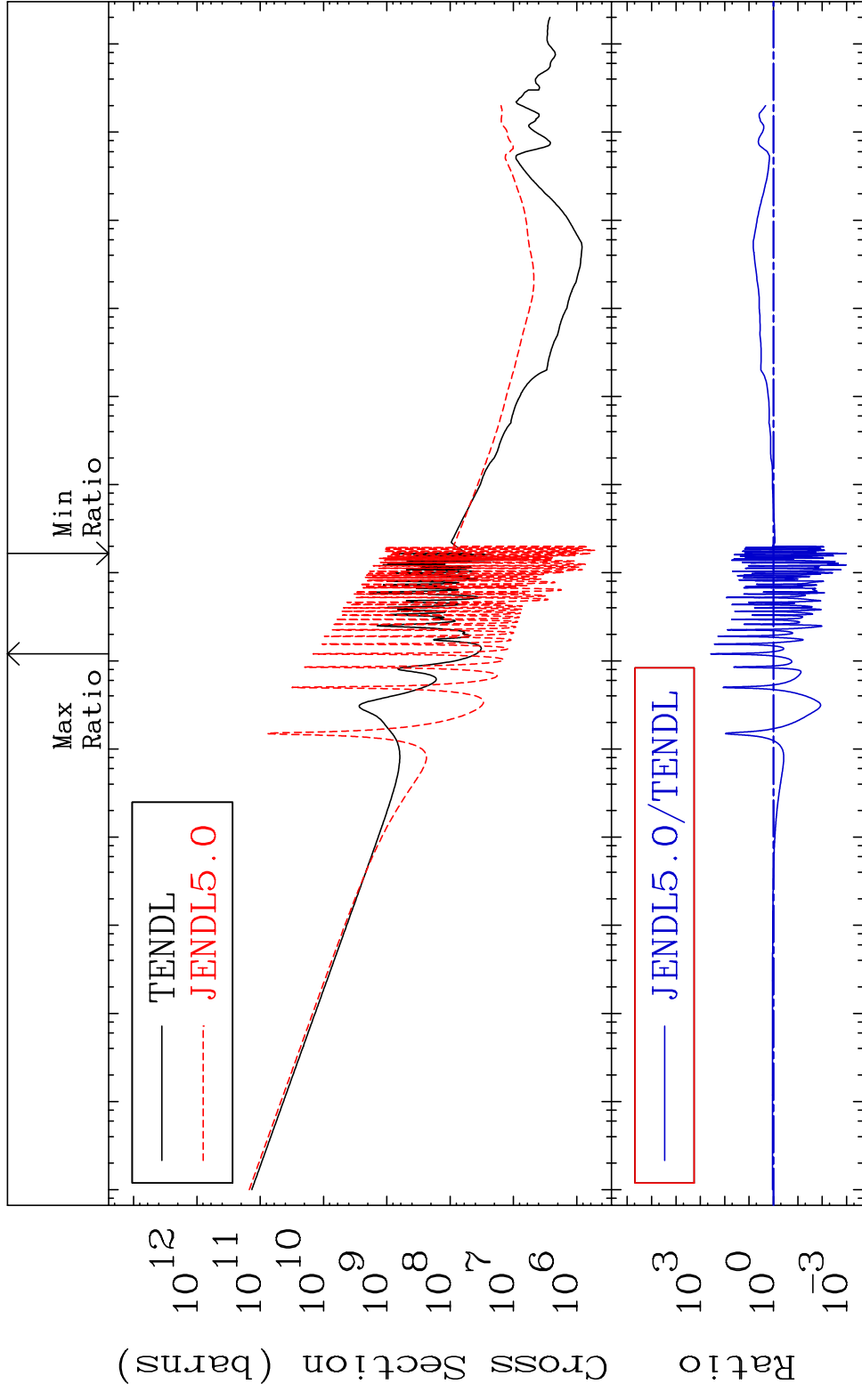


39

Incident Energy (eV) 92-U -237

MAT 9234

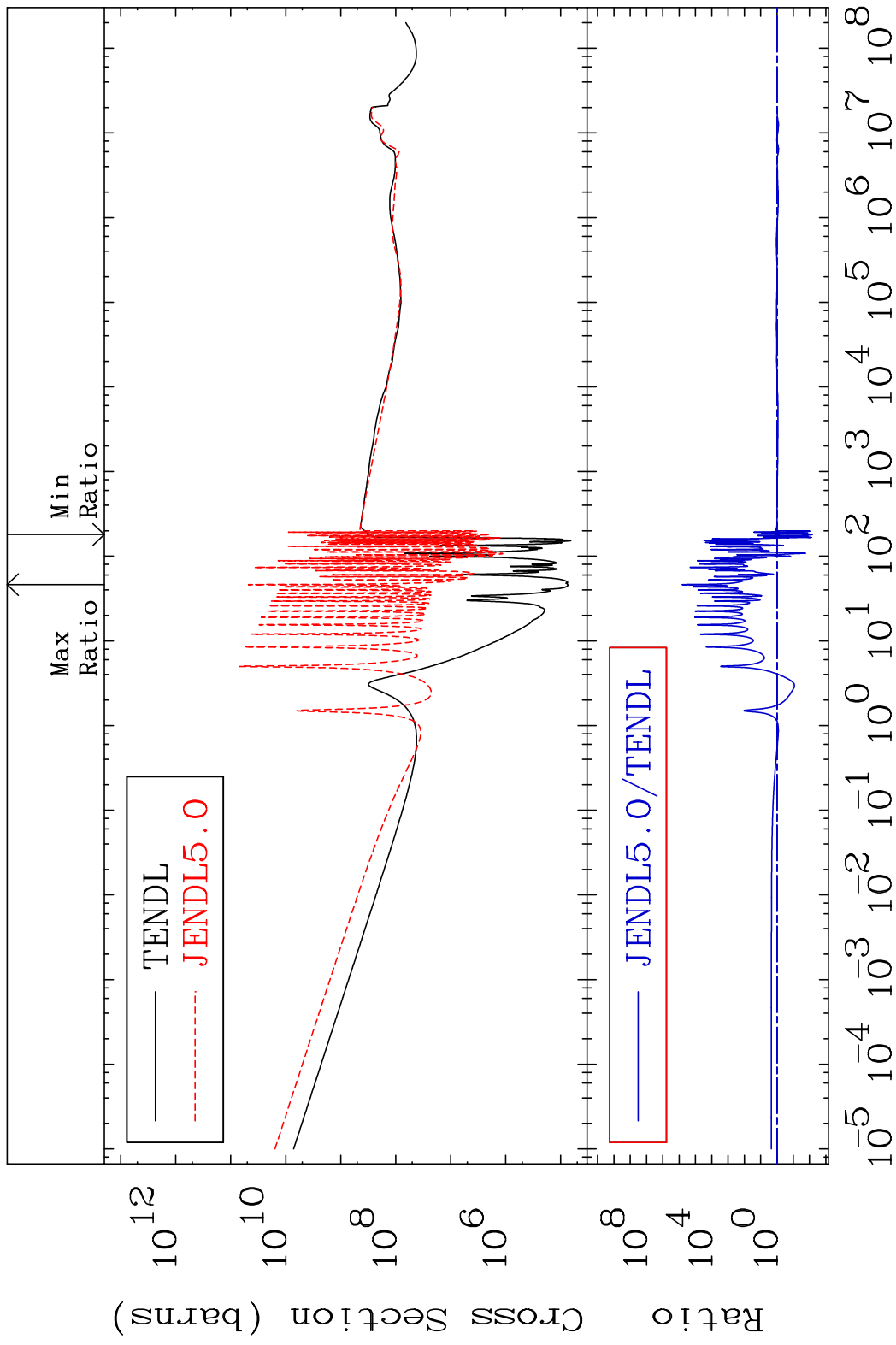
Total photon (eV-barns) 92-U -237
Cross Section -99.90 To 9999. %



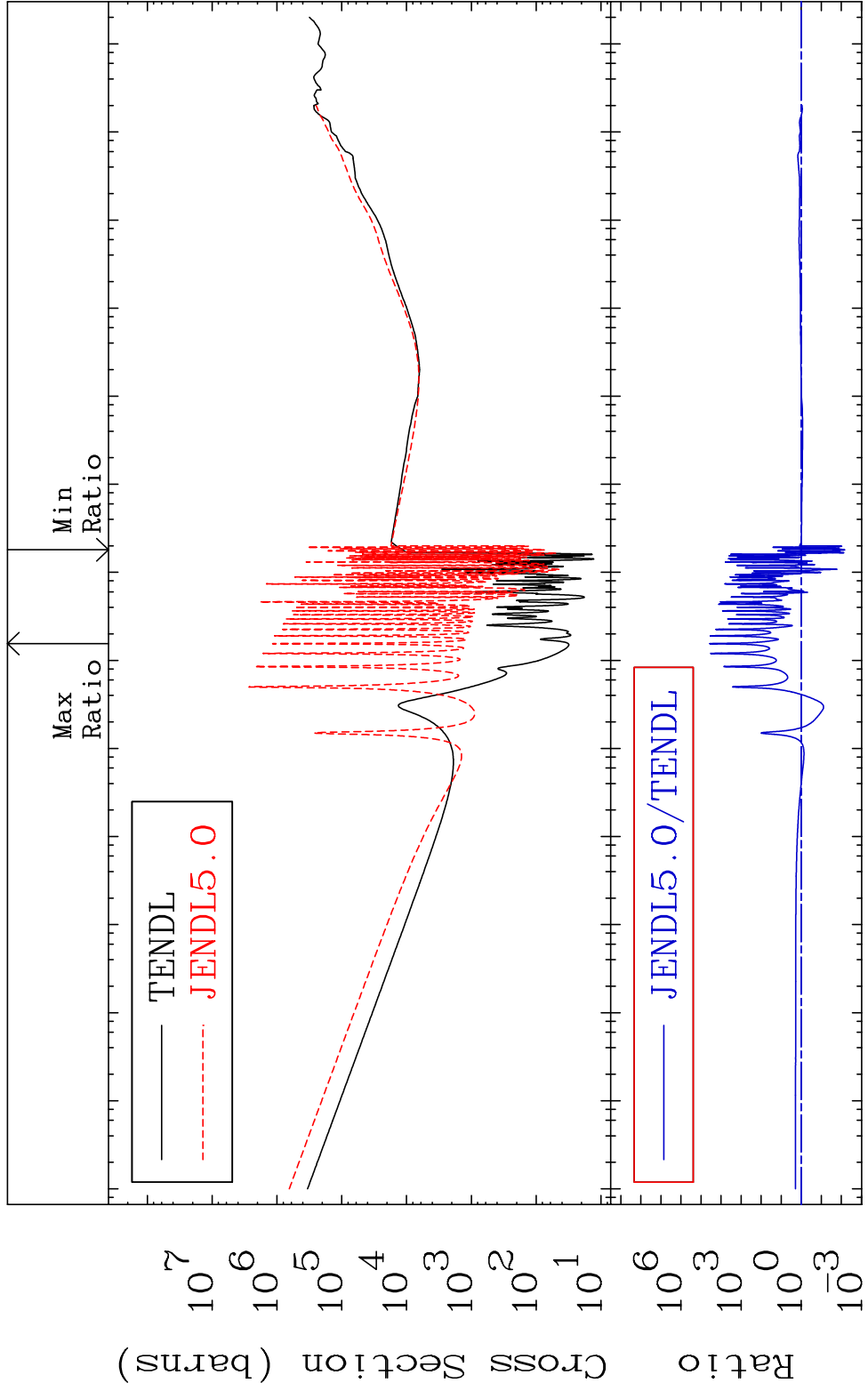
40

Incident Energy (eV) 92-U -237

MAT 9234 Total kinematic kerma (high limit) 92-U -237
 Cross Section -99.35 To 9999. %



MAT 9234 Dpa total (eV-barns) 92-U -237
 Cross Section -99.36 To 9999. %



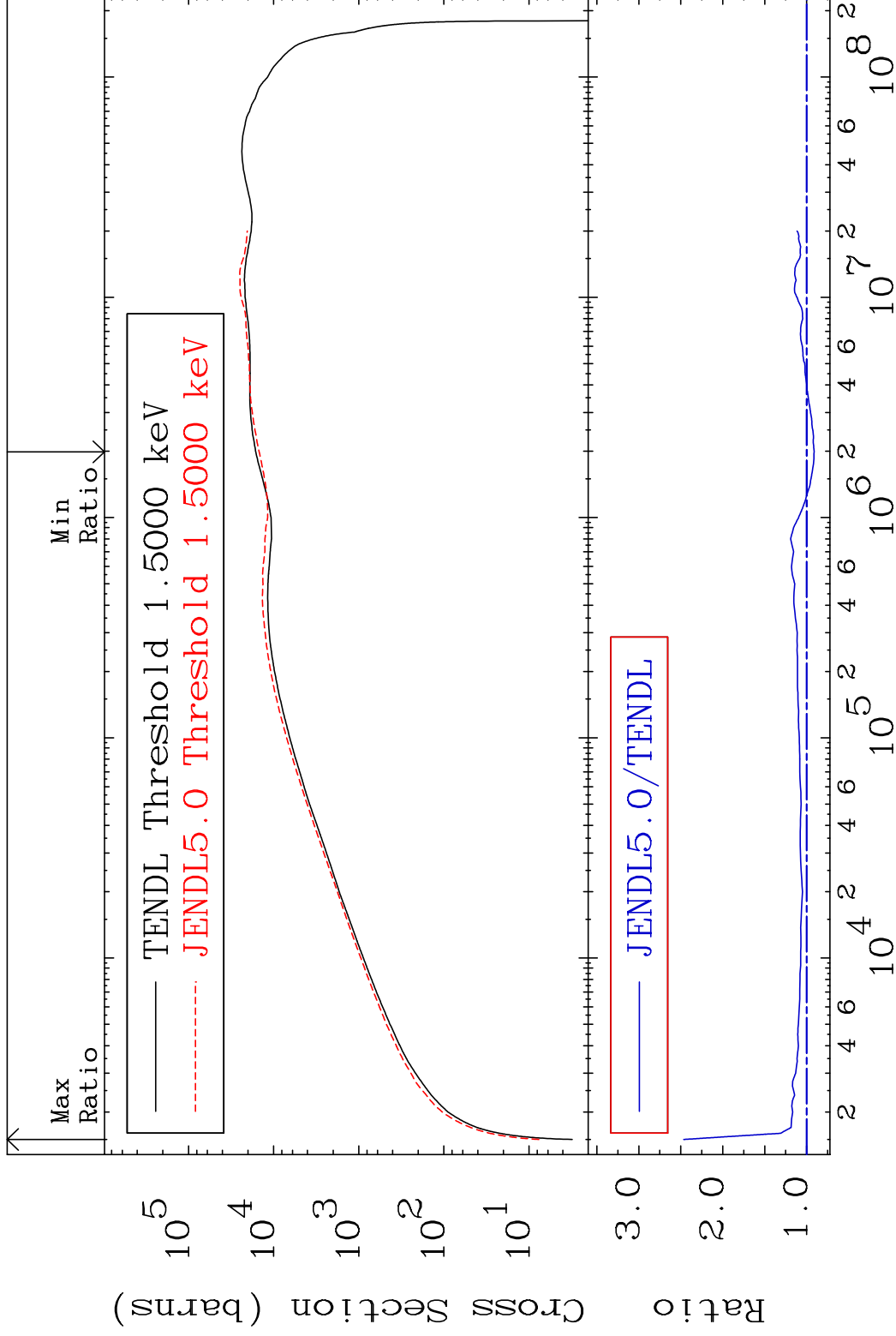
MAT 9234

Dpa elastic (mt2)

92-U -237

Cross Section

-8.847 To 146.6 %

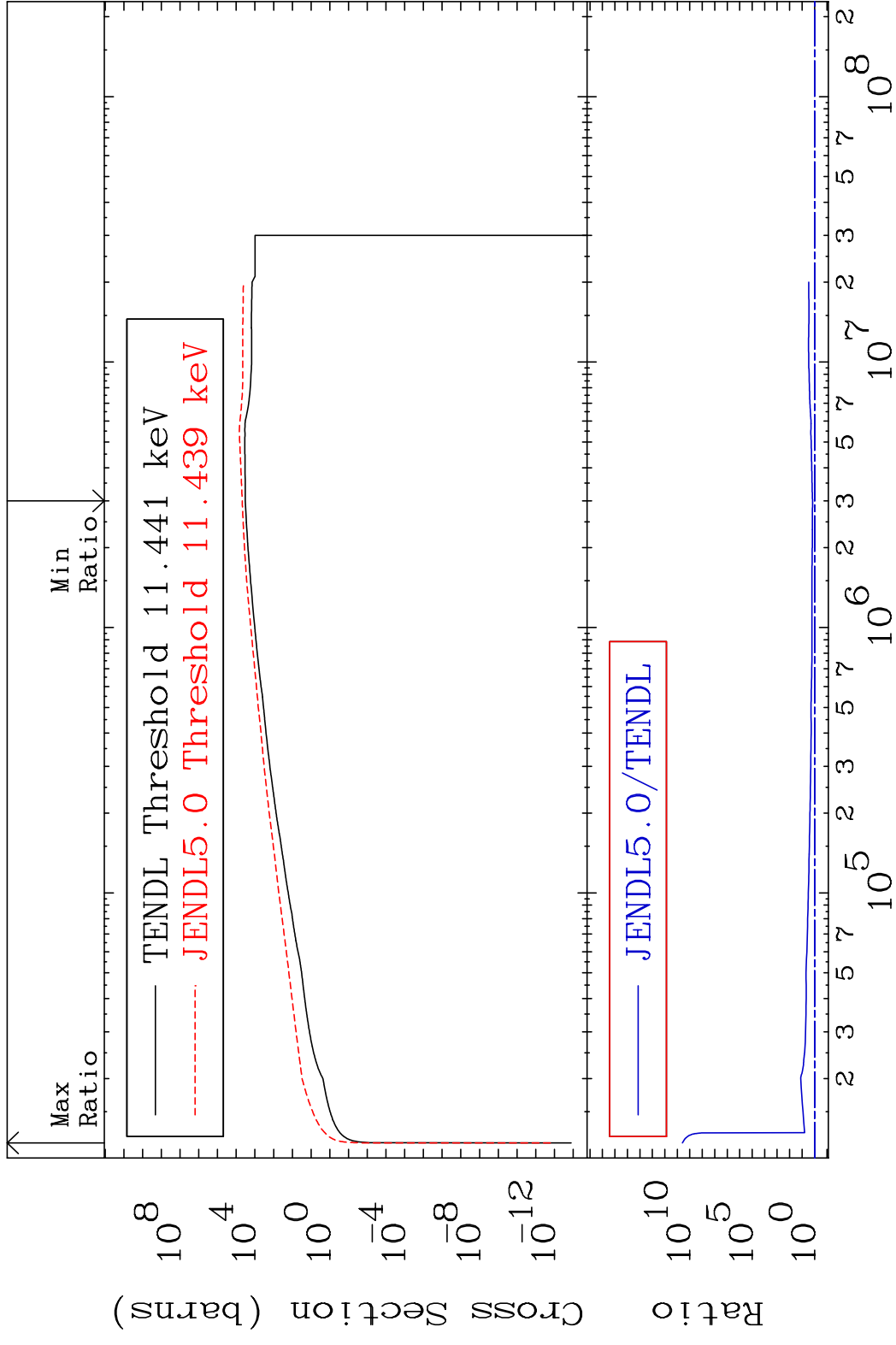


43

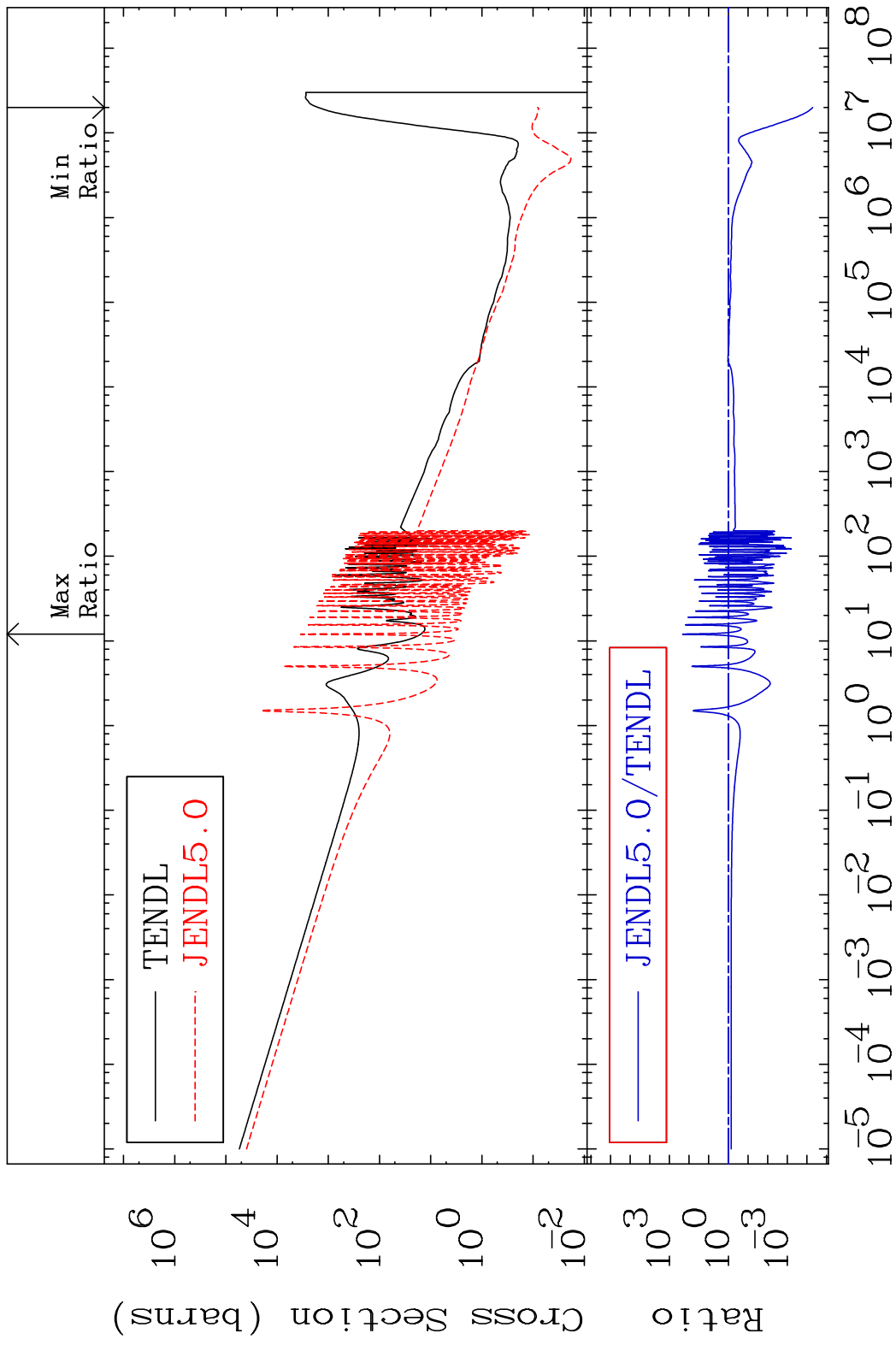
Incident Energy (eV)

92-U -237

MAT 9234 Dpa inelastic (mt51-91) 92-U -237
 Cross Section 44.78 To 9999. %



MAT 9234 Dpa disappearance (mt102 -120) 92-U -237
 Cross Section -99.99 To 9999. %



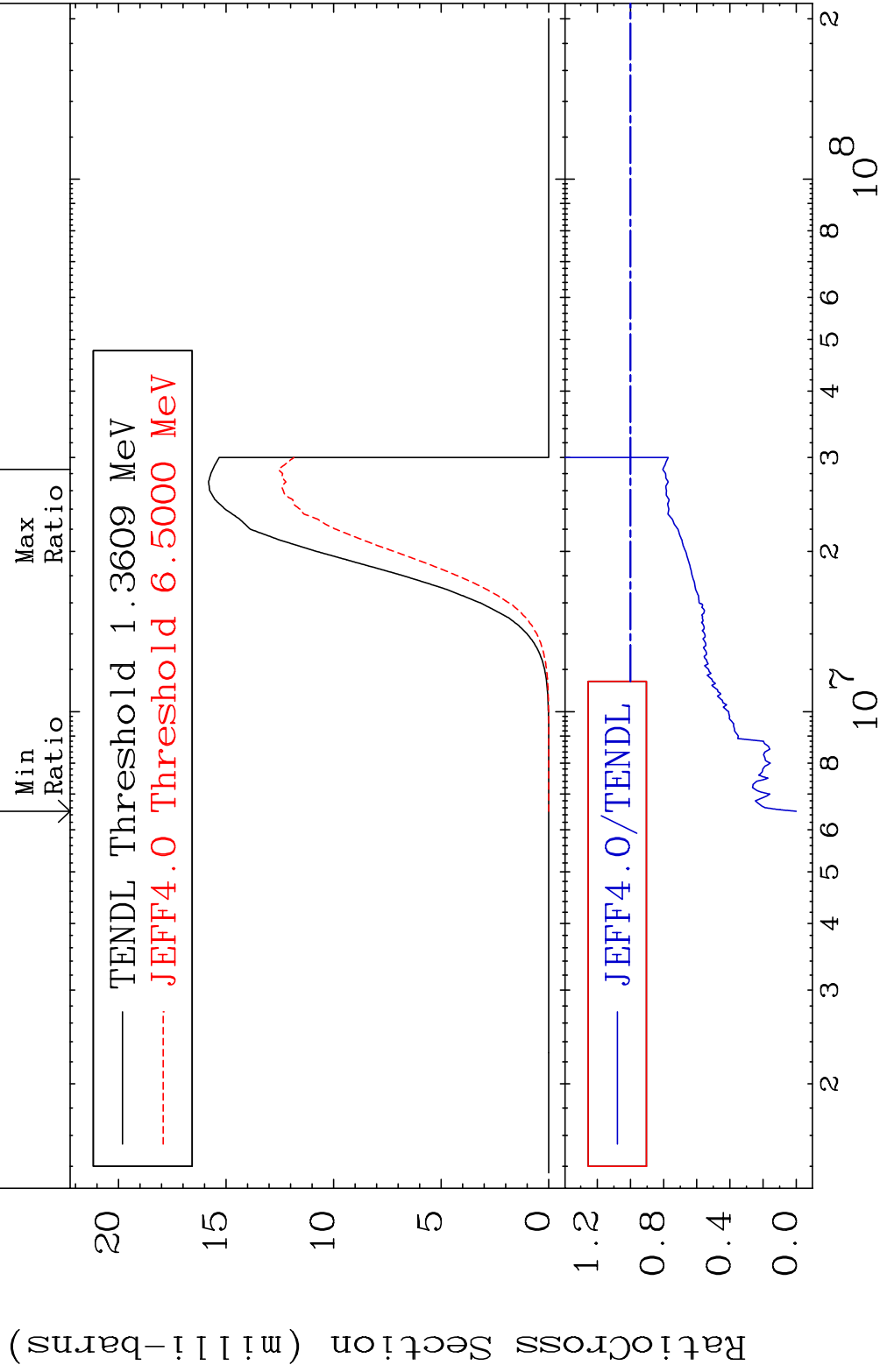
45 Incident Energy (eV) 92-U -237

MAT 9234

(n,p)

92-U -237

Cross Section -100.0 To -19.47%



46

Incident Energy (eV)

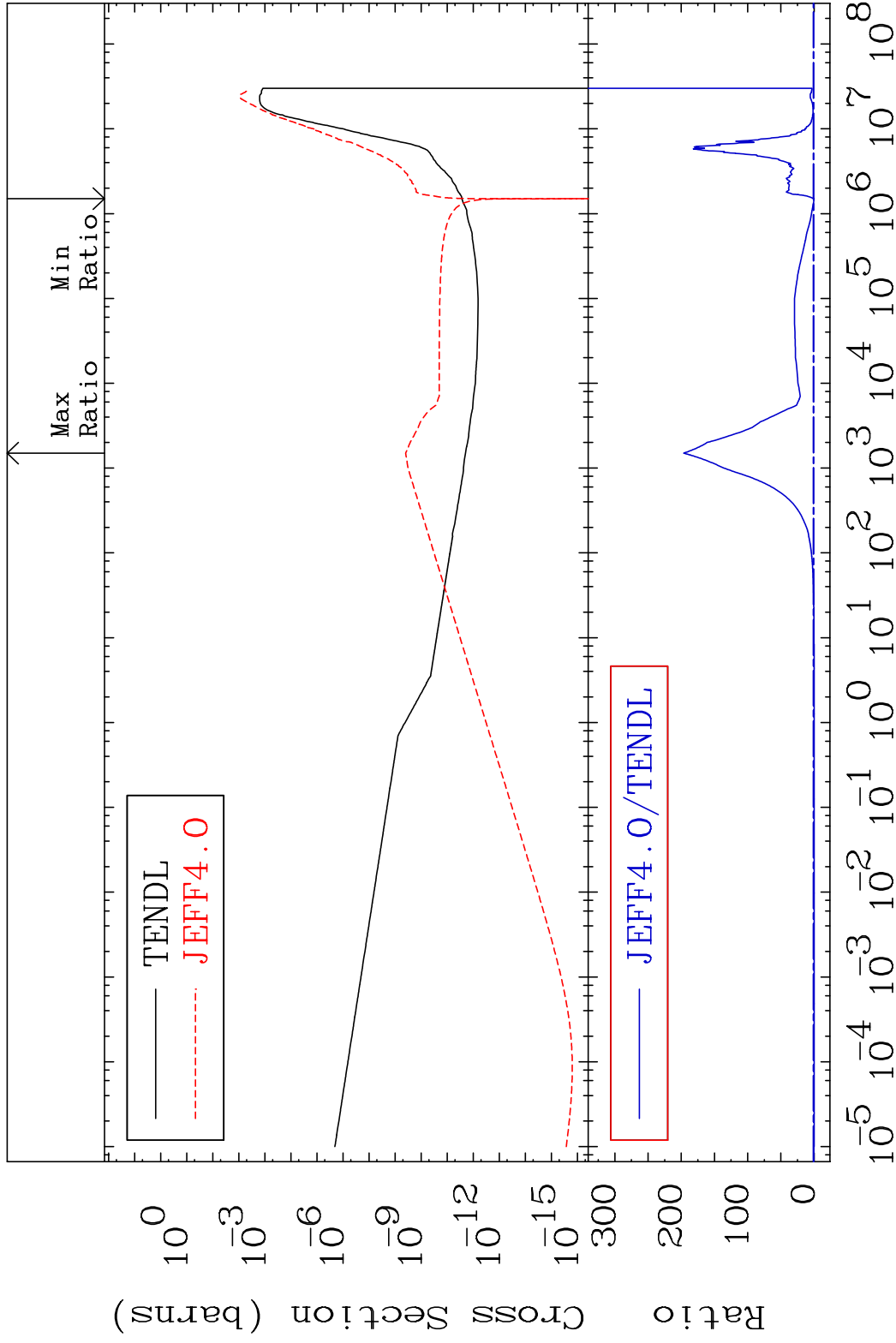
92-U -237

MAT 9234

(n, α)

92-U -237

Cross Section -100.0 To 9999. %



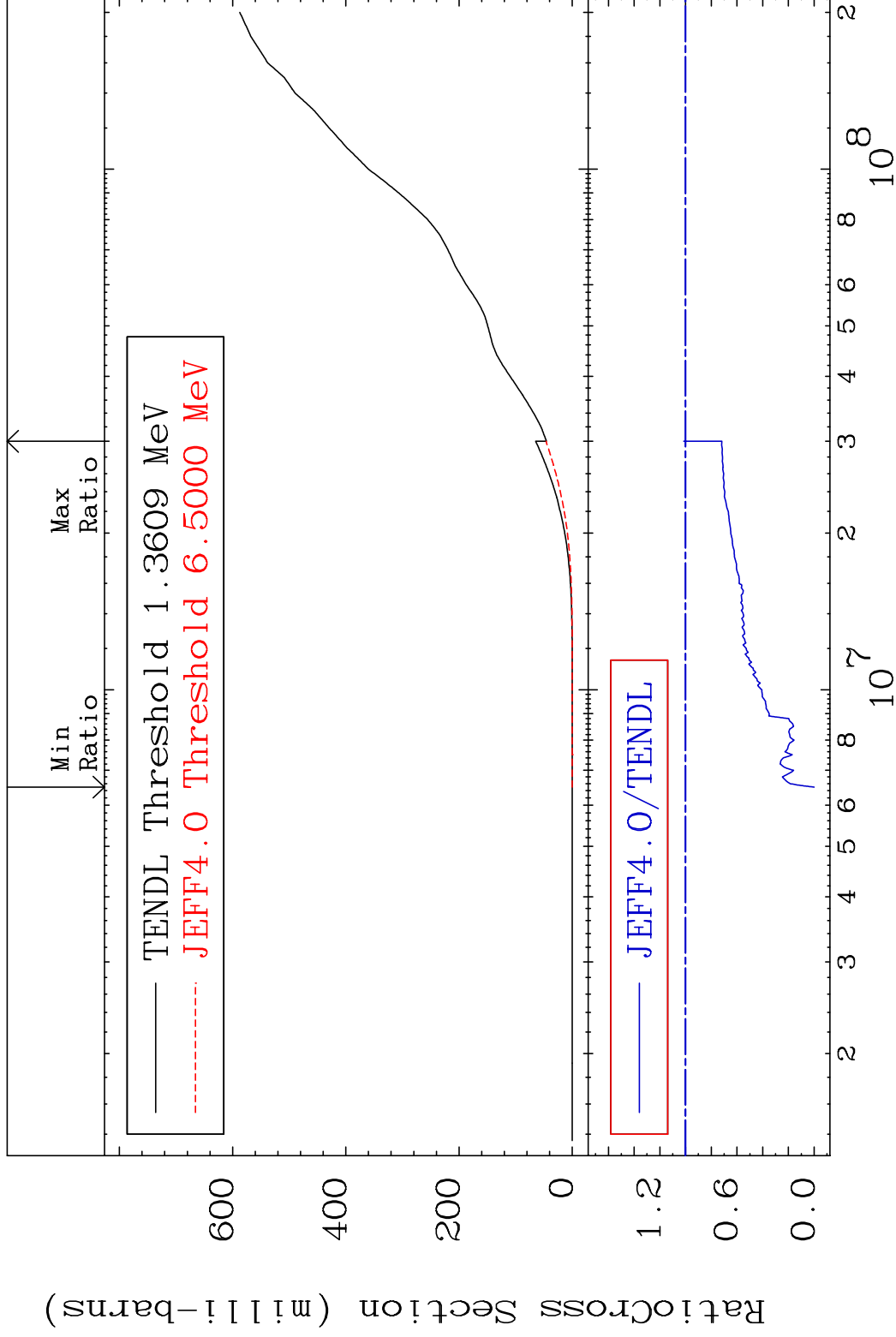
47

Incident Energy (eV)

92-U -237

MAT 9234

Hydrogen Production 92-U -237
Cross Section -100.0 To 1.489 %



48

Incident Energy (eV)

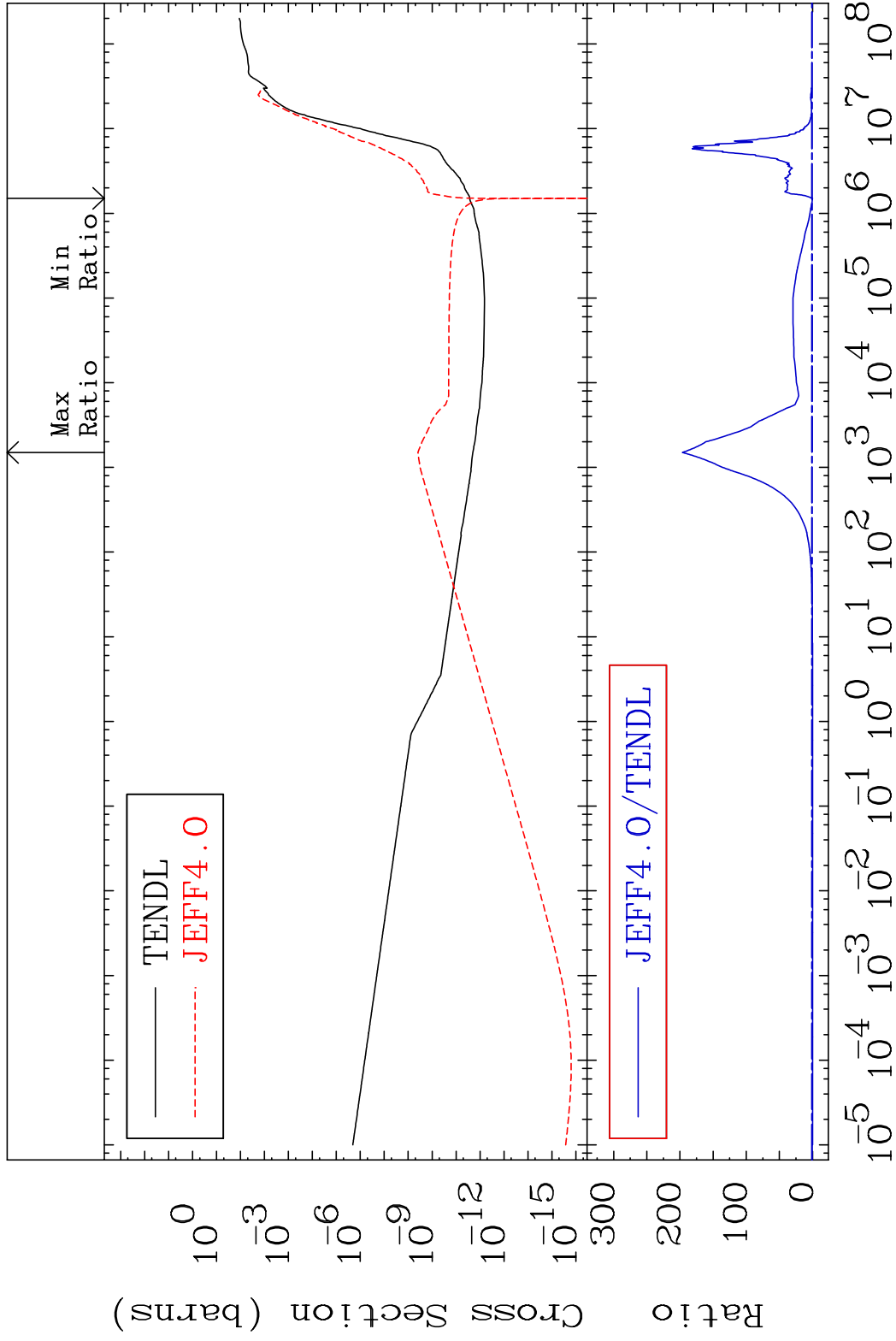
92-U -237

MAT 9234

He-4 Production

92-U -237

Cross Section -100.0 To 9999. %

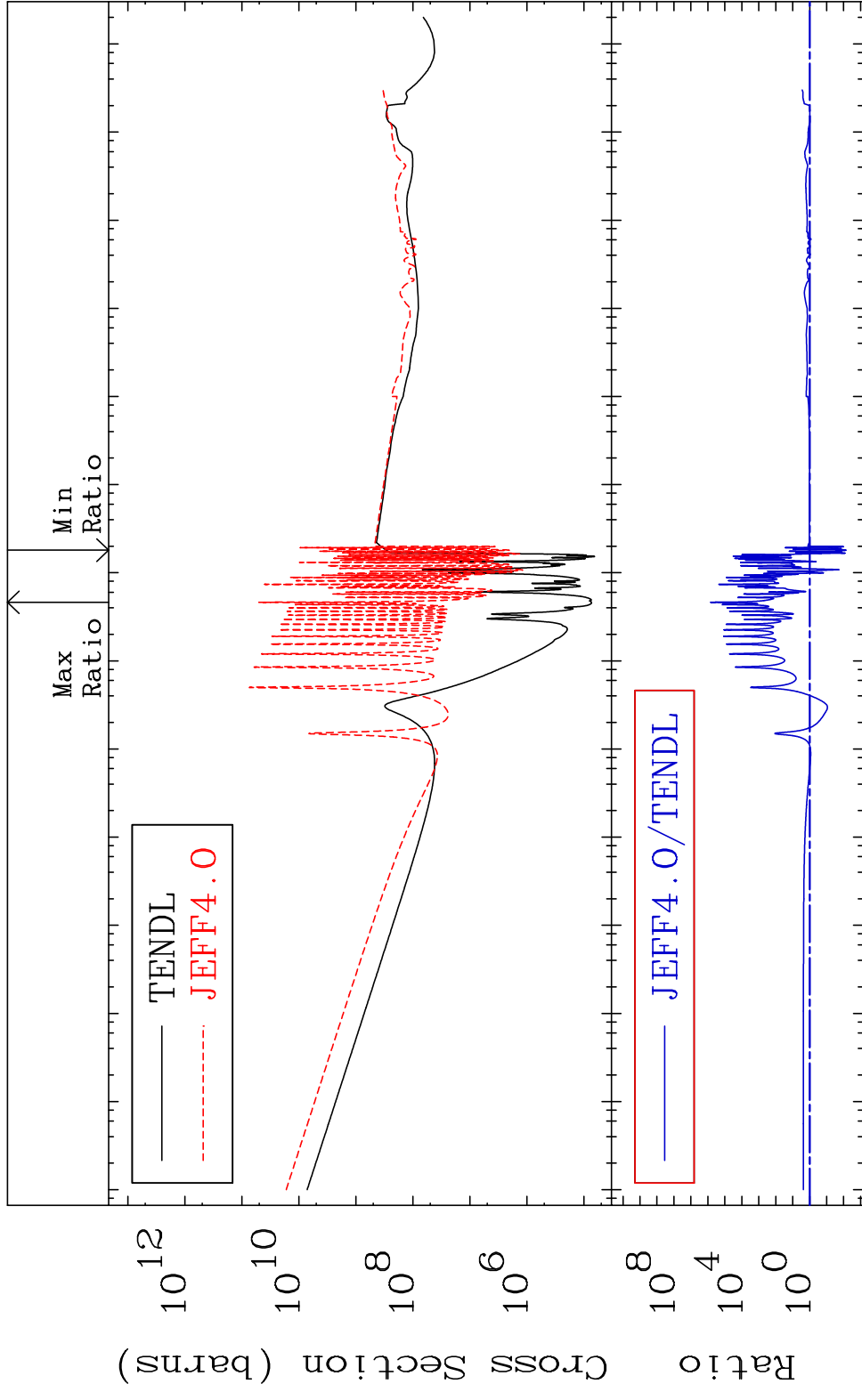


49

Incident Energy (eV)

92-U -237

MAT 9234 Kerma total (eV-barns) 92-U -237
 Cross Section -99.31 To 9999. %



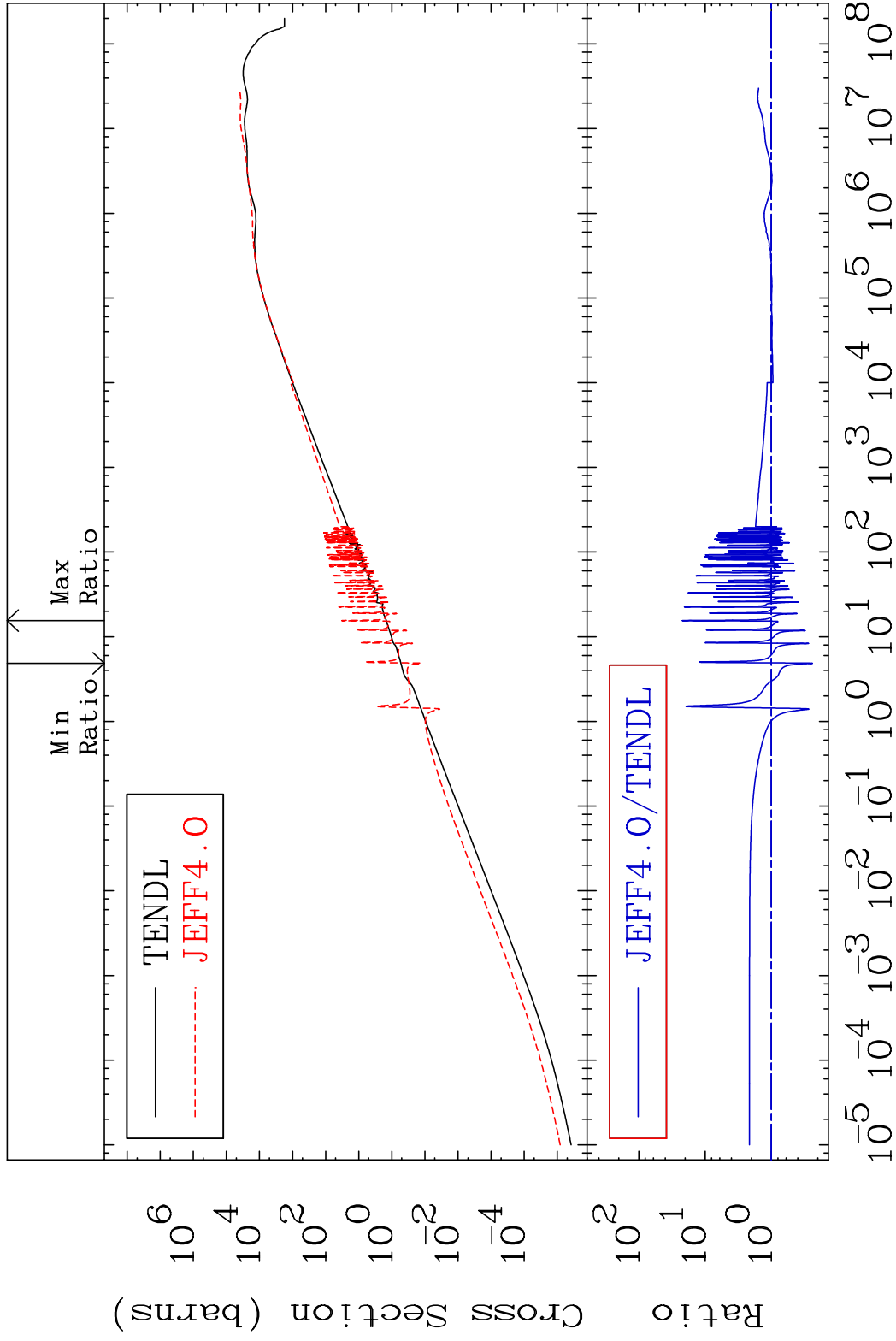
50 Incident Energy (eV) 92-U -237

MAT 9234

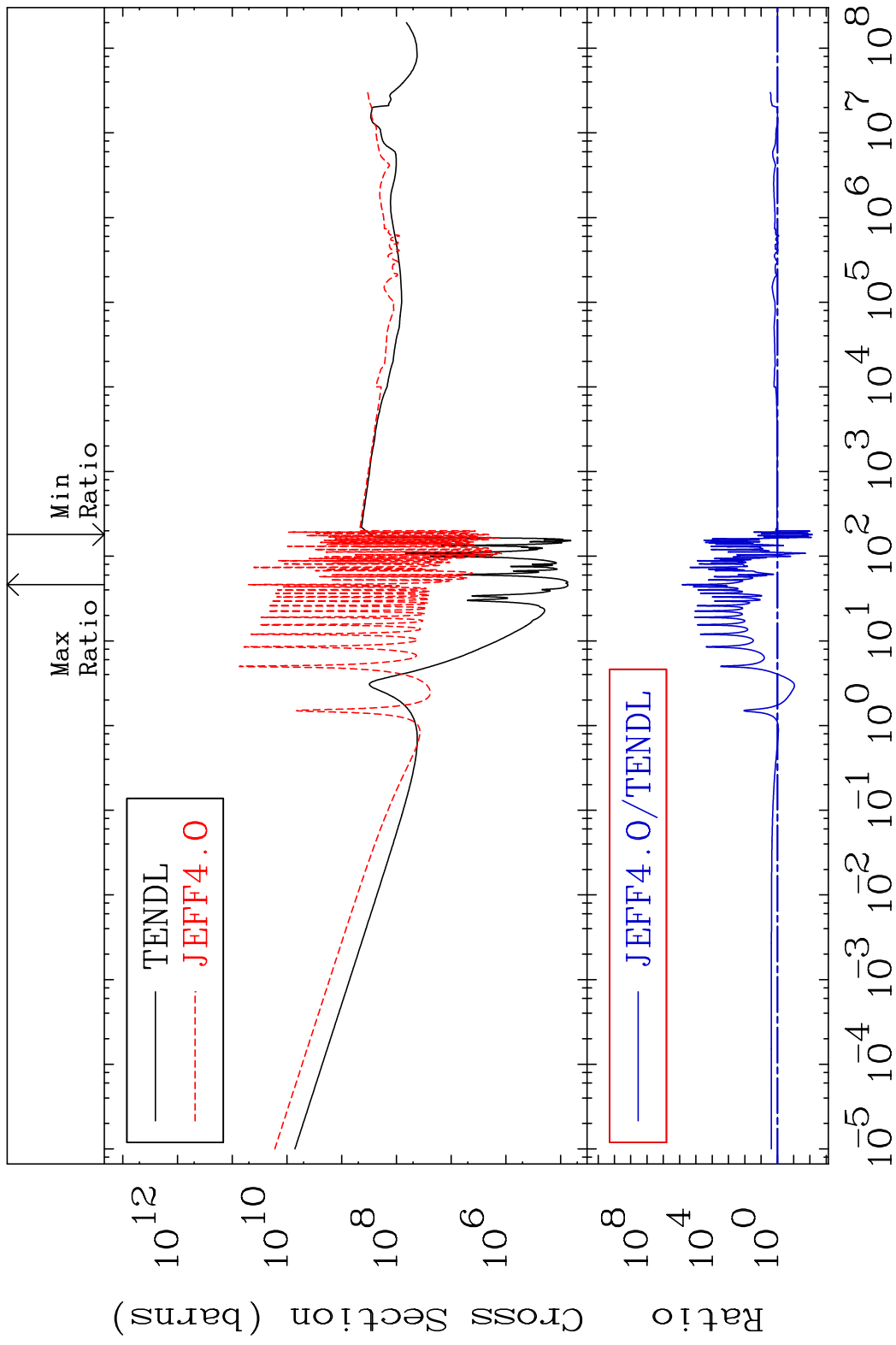
Kerma elastic

92-U -237

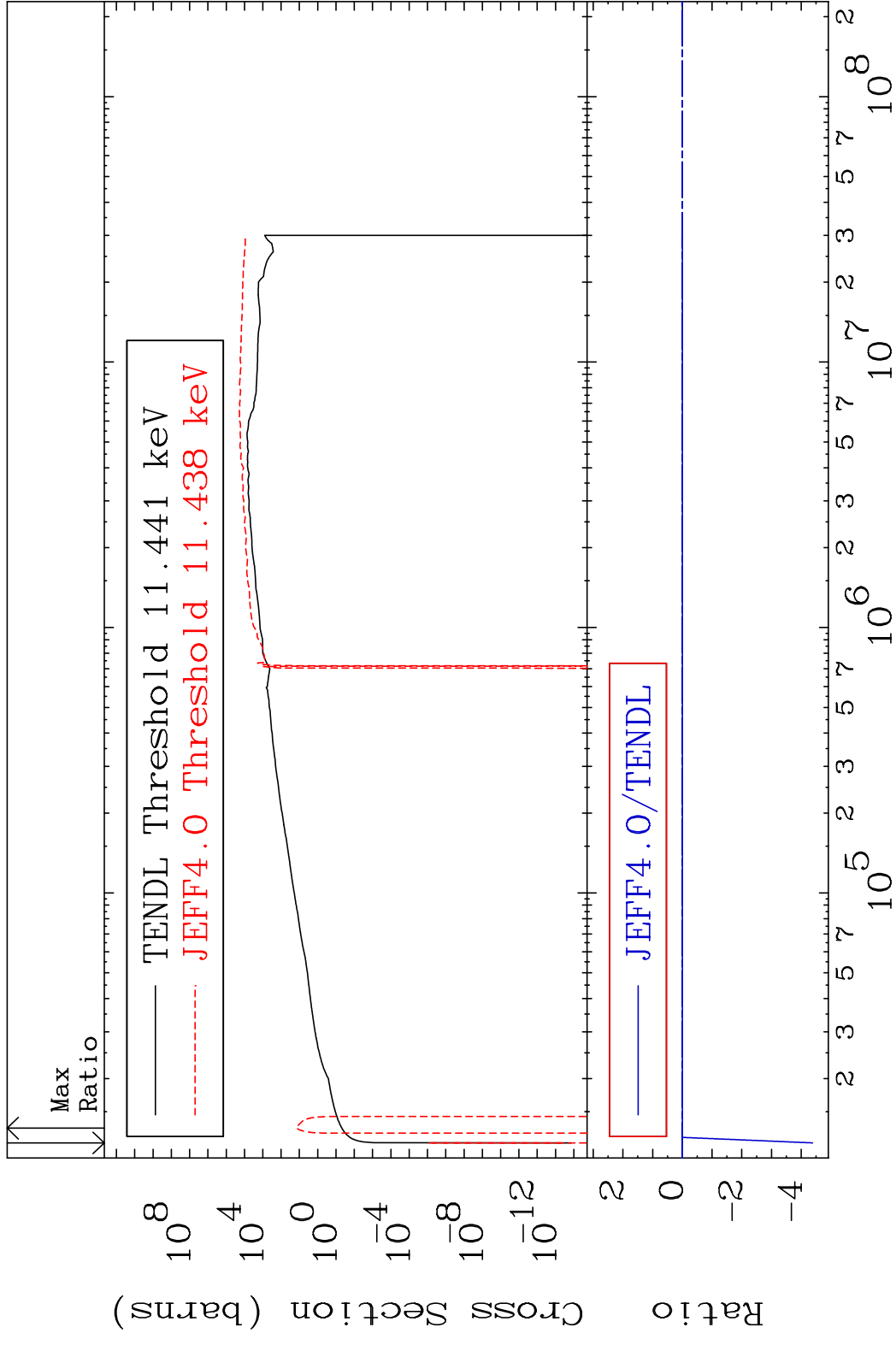
Cross Section -76.03 To 2103. %



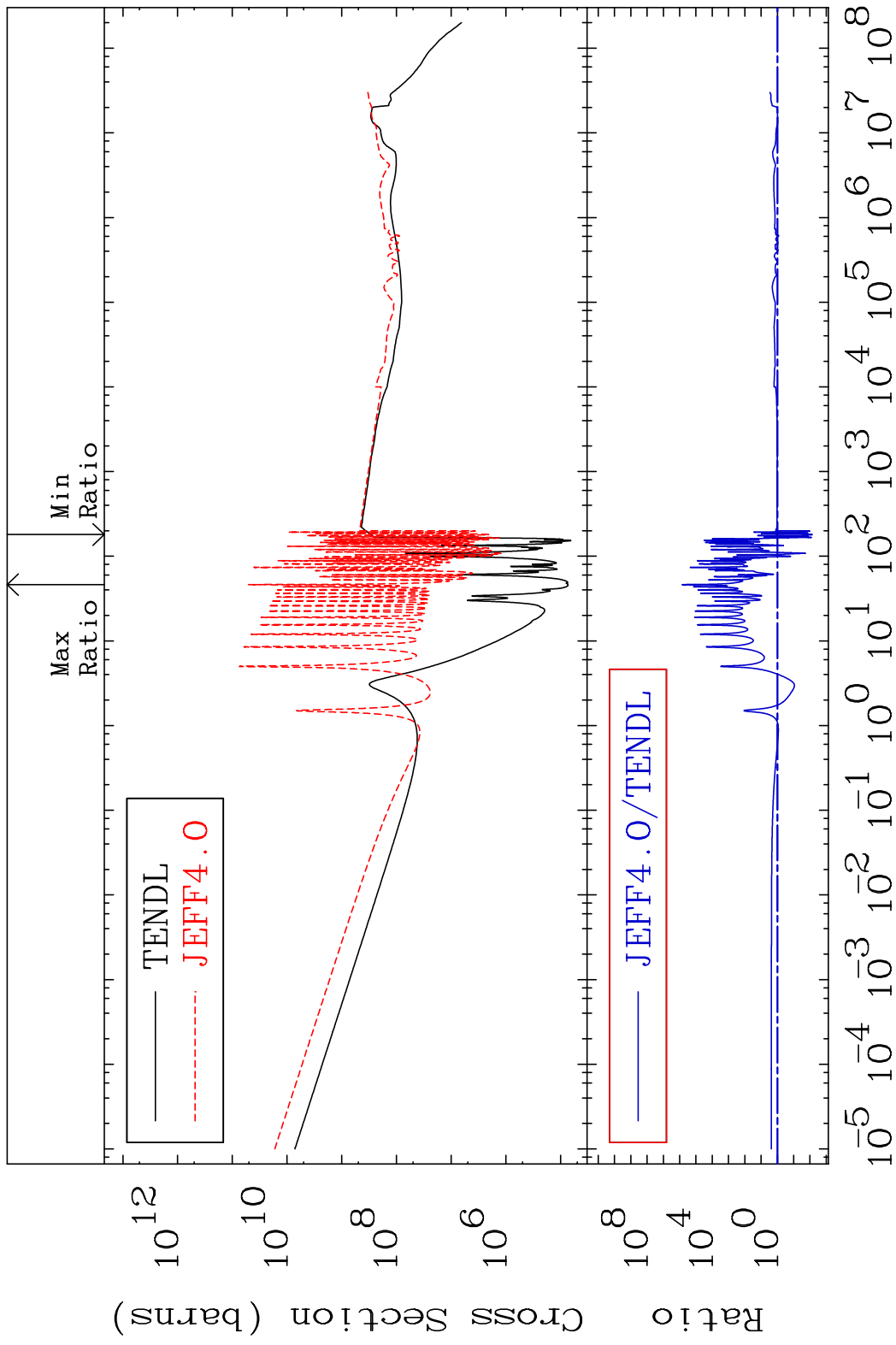
MAT 9234 Kerma non-elastic (all but mt2) 92-U -237
 Cross Section -99.31 To 9999. %



MAT 9234 Kerma inelastic (mt51-91) 92-U -237
 Cross Section -9999. To 9999. %

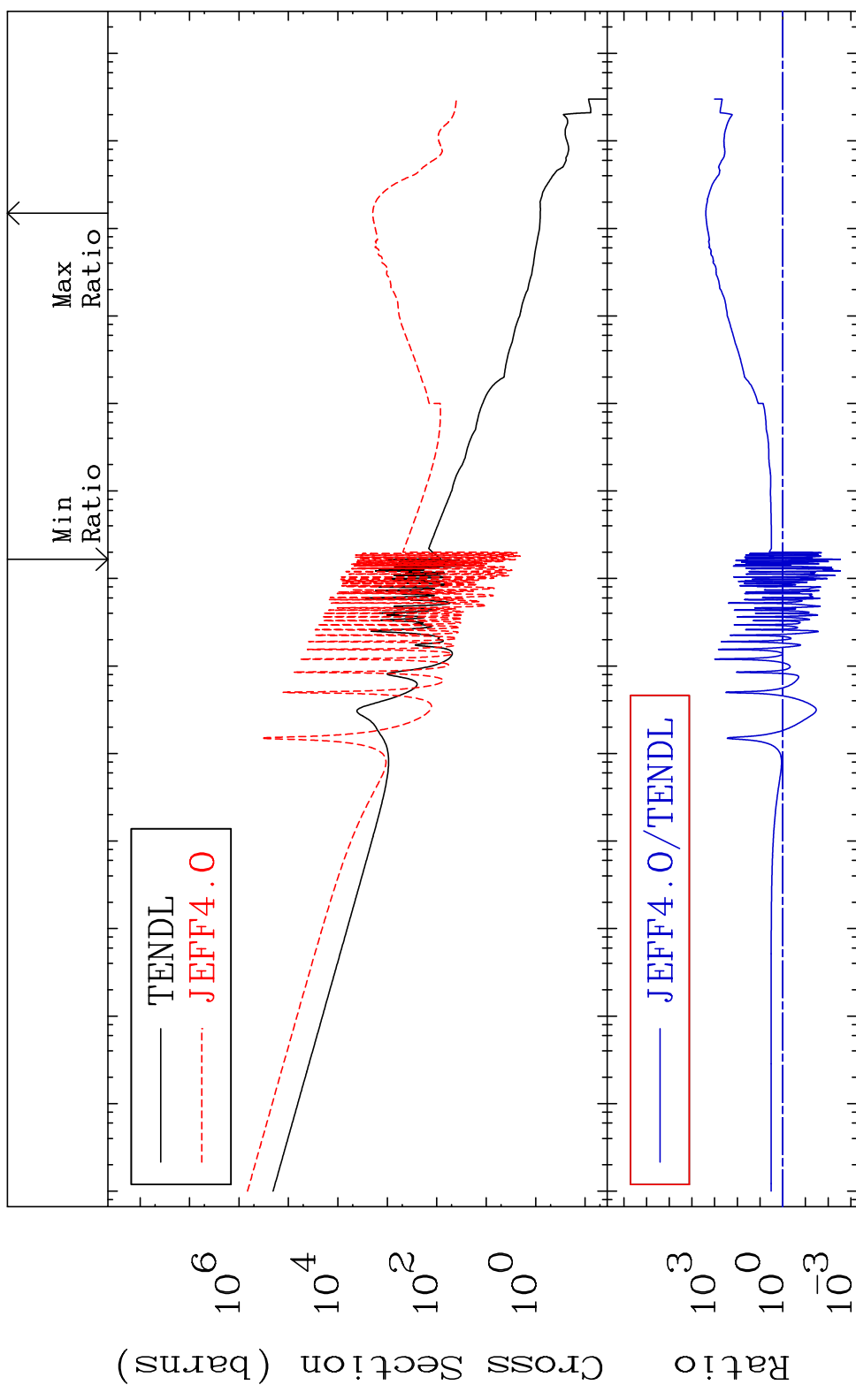


MAT 9234 Kerma fission (mt18 or mt19-20-21-38)2-U -237
 Cross Section -99.31 To 9999. %



MAT 9234

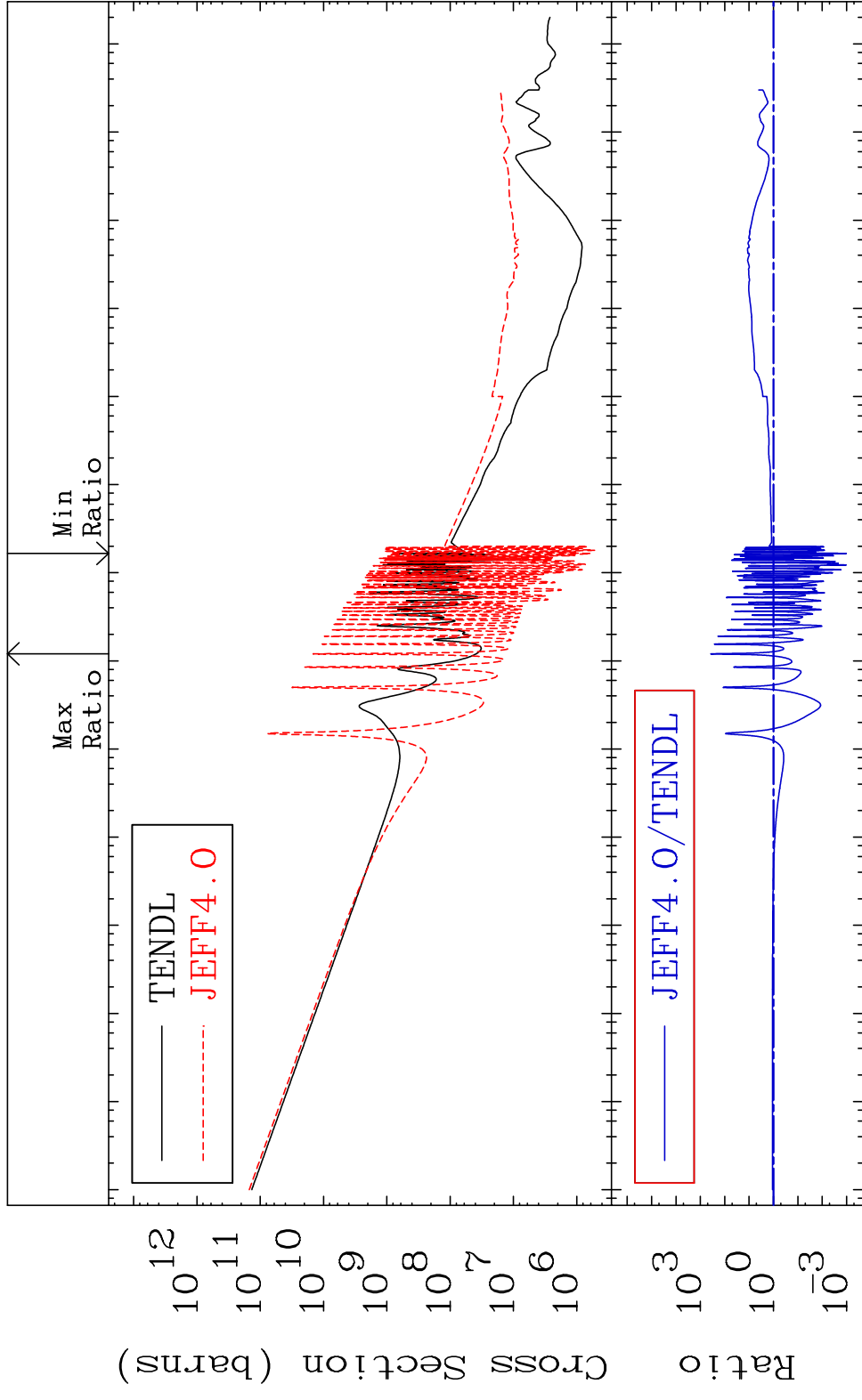
Kerma capture (mt102) 92-U -237
Cross Section -99.71 To 9999. %



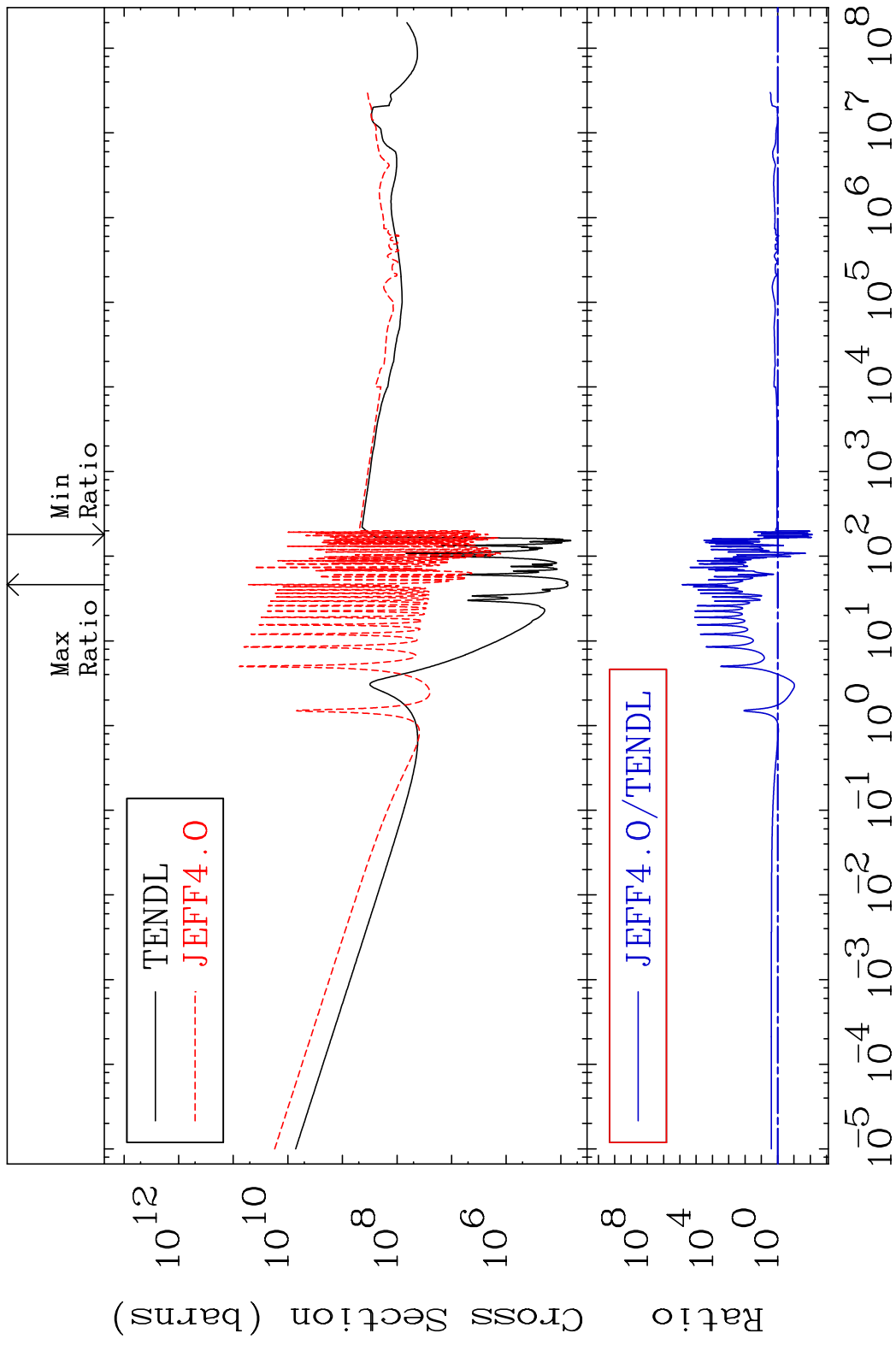
55

Incident Energy (eV) 92-U -237

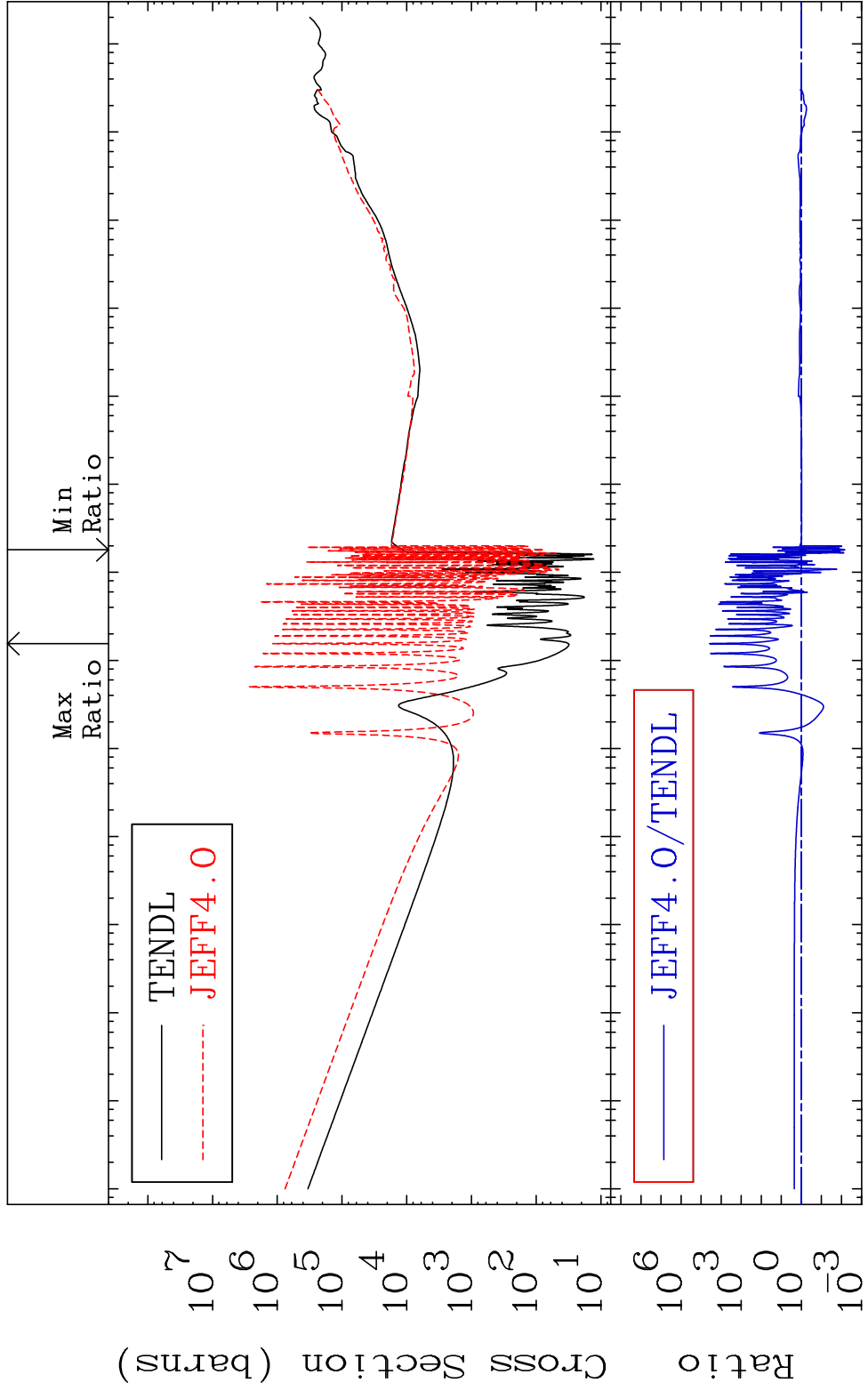
MAT 9234 Total photon (eV-barns) 92-U -237
 Cross Section -99.90 To 9999. %



MAT 9234 Total kinematic kerma (high limit) 92-U -237
 Cross Section -99.28 To 9999. %



MAT 9234 Dpa total (eV-barns) 92-U -237
 Cross Section -99.35 To 9999. %

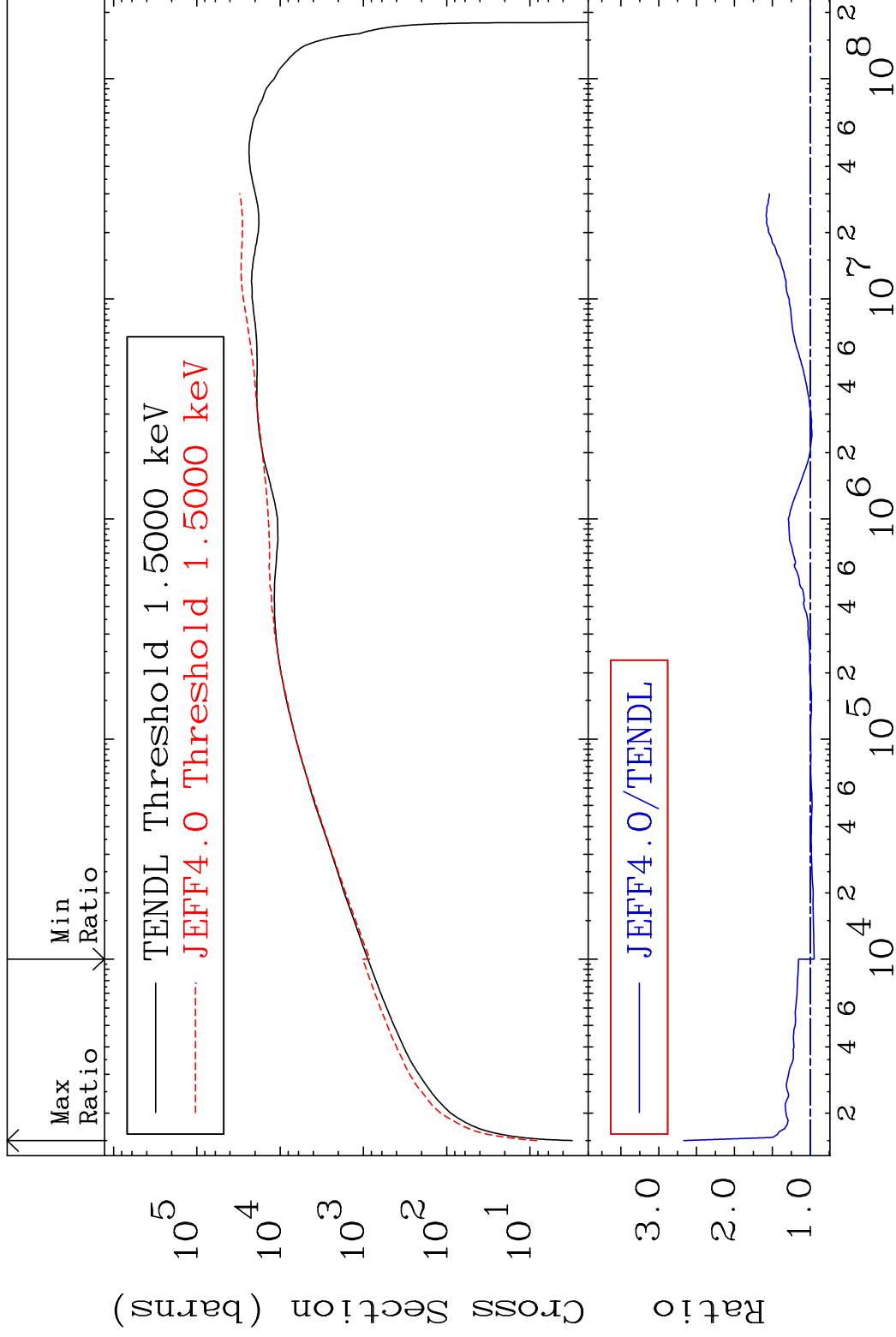


MAT 9234

Dpa elastic (mt2)

92-U -237

Cross Section -5.149 To 167.0 %

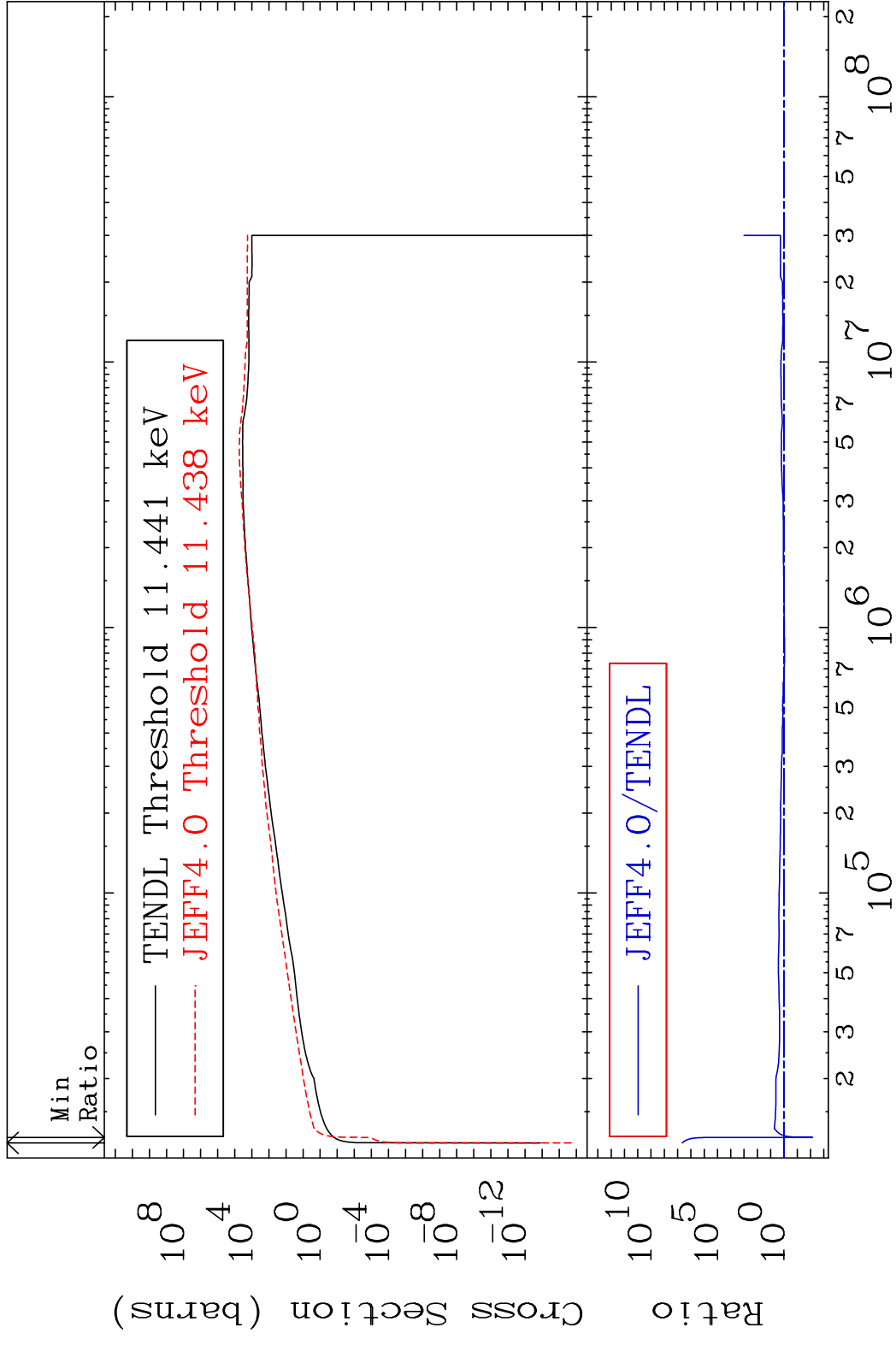


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Incident Energy (eV)

92-U -237

MAT 9234 Dpa inelastic (mt51-91) 92-U -237
 Cross Section -99.30 To 9999. %



MAT 9234 Dpa disappearance (mt102 -120) 92-U -237
 Cross Section -99.77 To 9999. %

