

Program Complot
(Version 2021-1)

by

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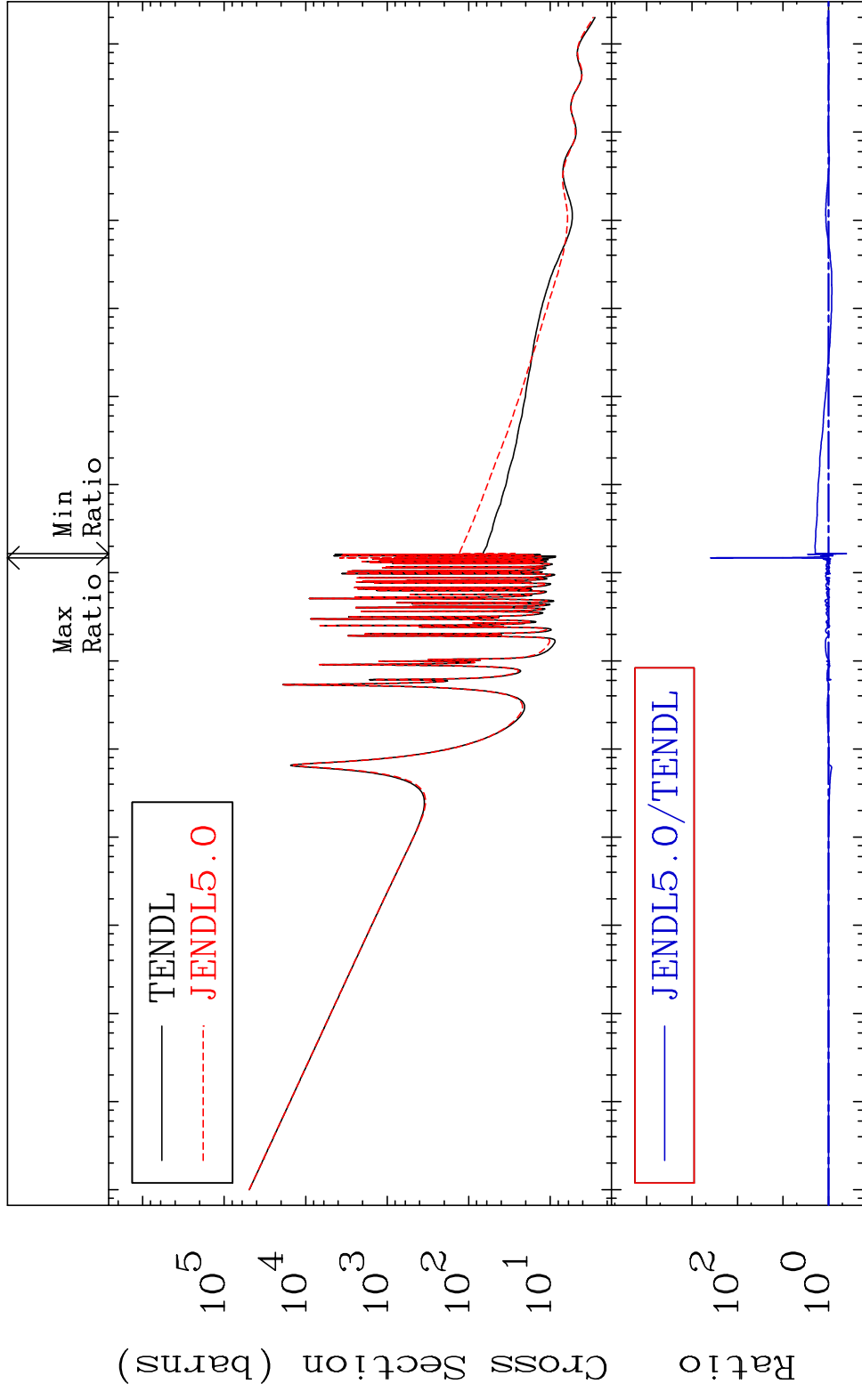
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7725

Total Cross Section -59.36 To 9999. %

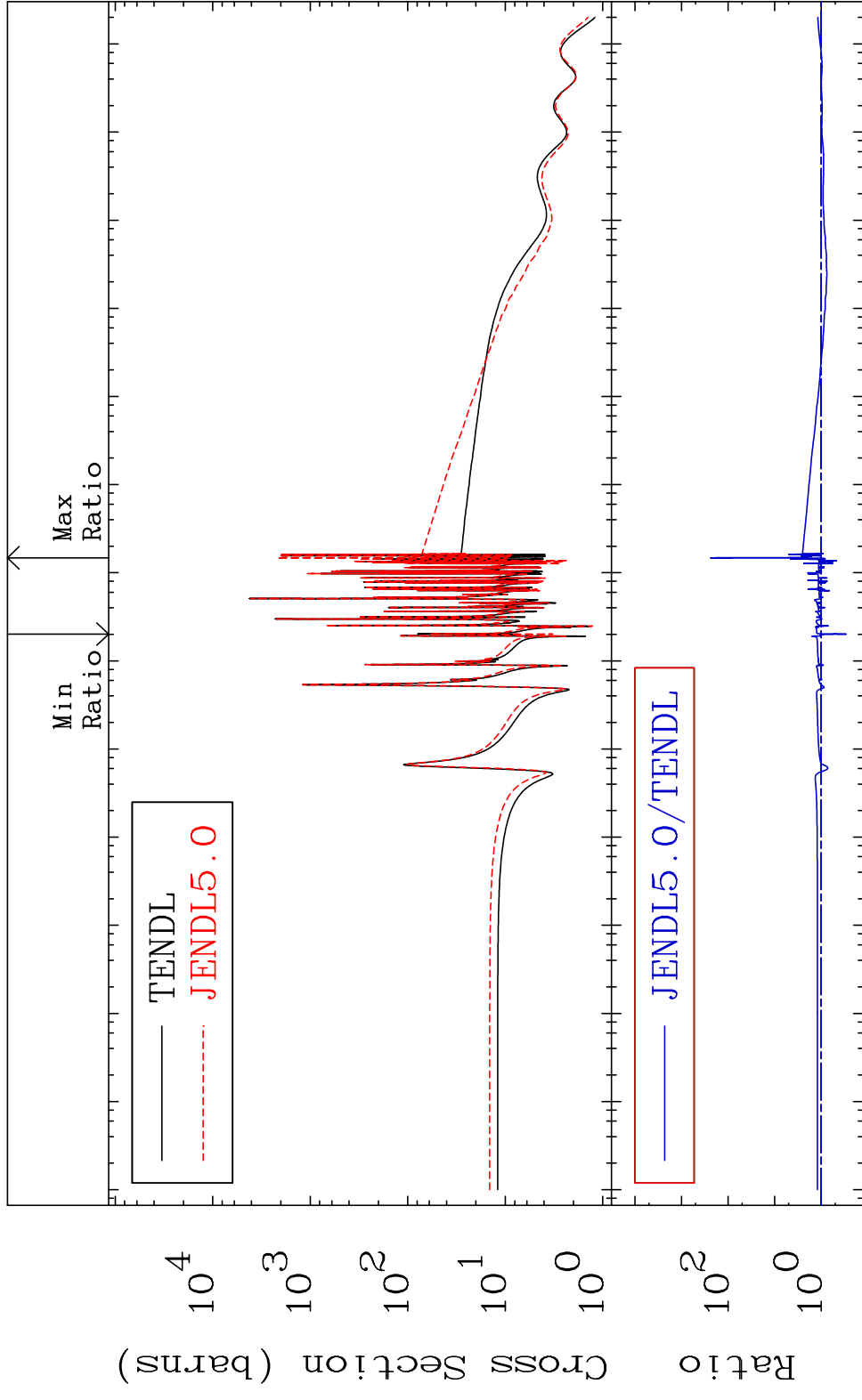
77-Ir-191



1 Incident Energy (eV) 77-Ir-191

MAT 7725

Elastic Cross Section -71.10 To 9999. %
77-Ir-191

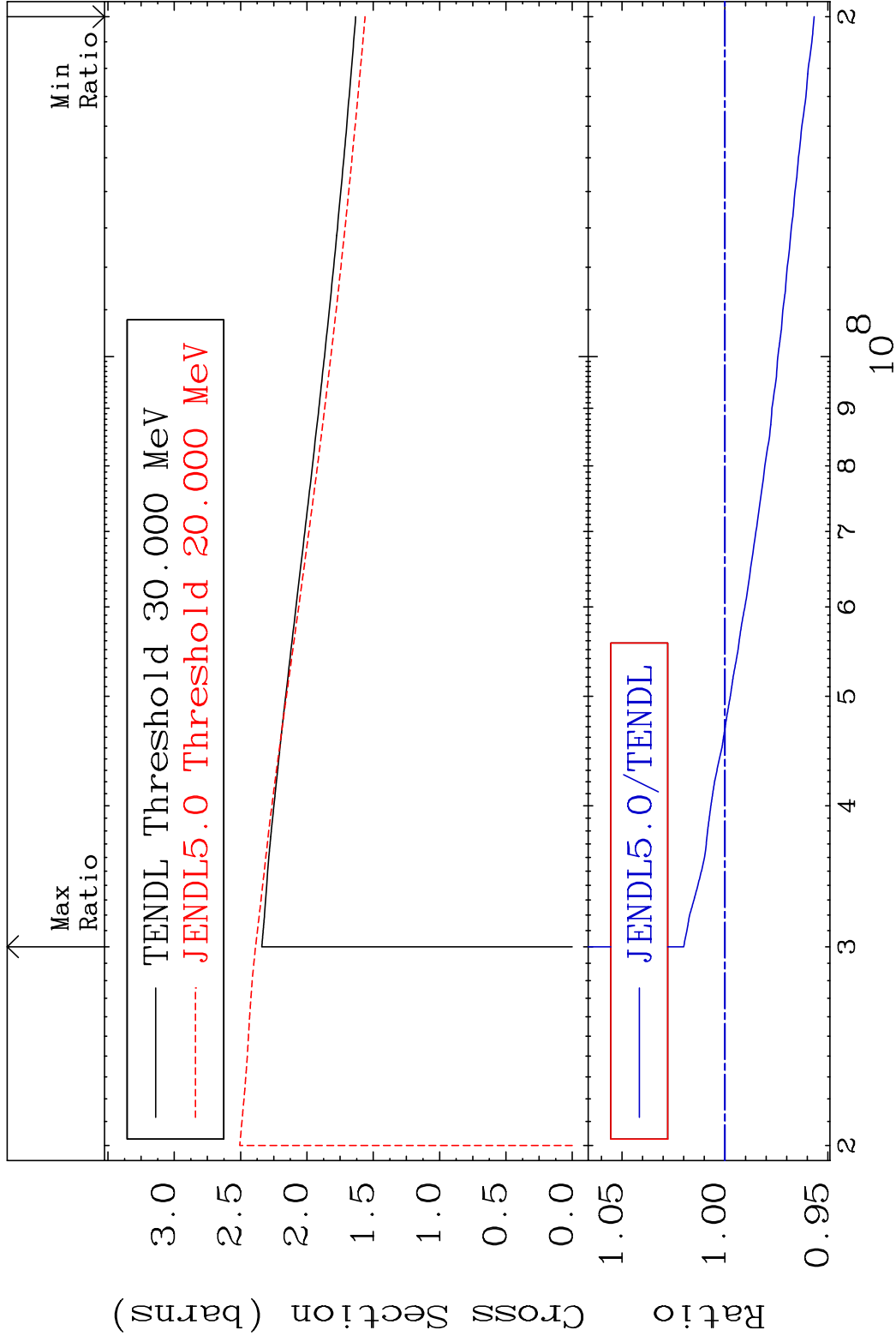


MAT 7725

(n, remainder)

77-Ir-191

Cross Section -4.332 To 2.005 %

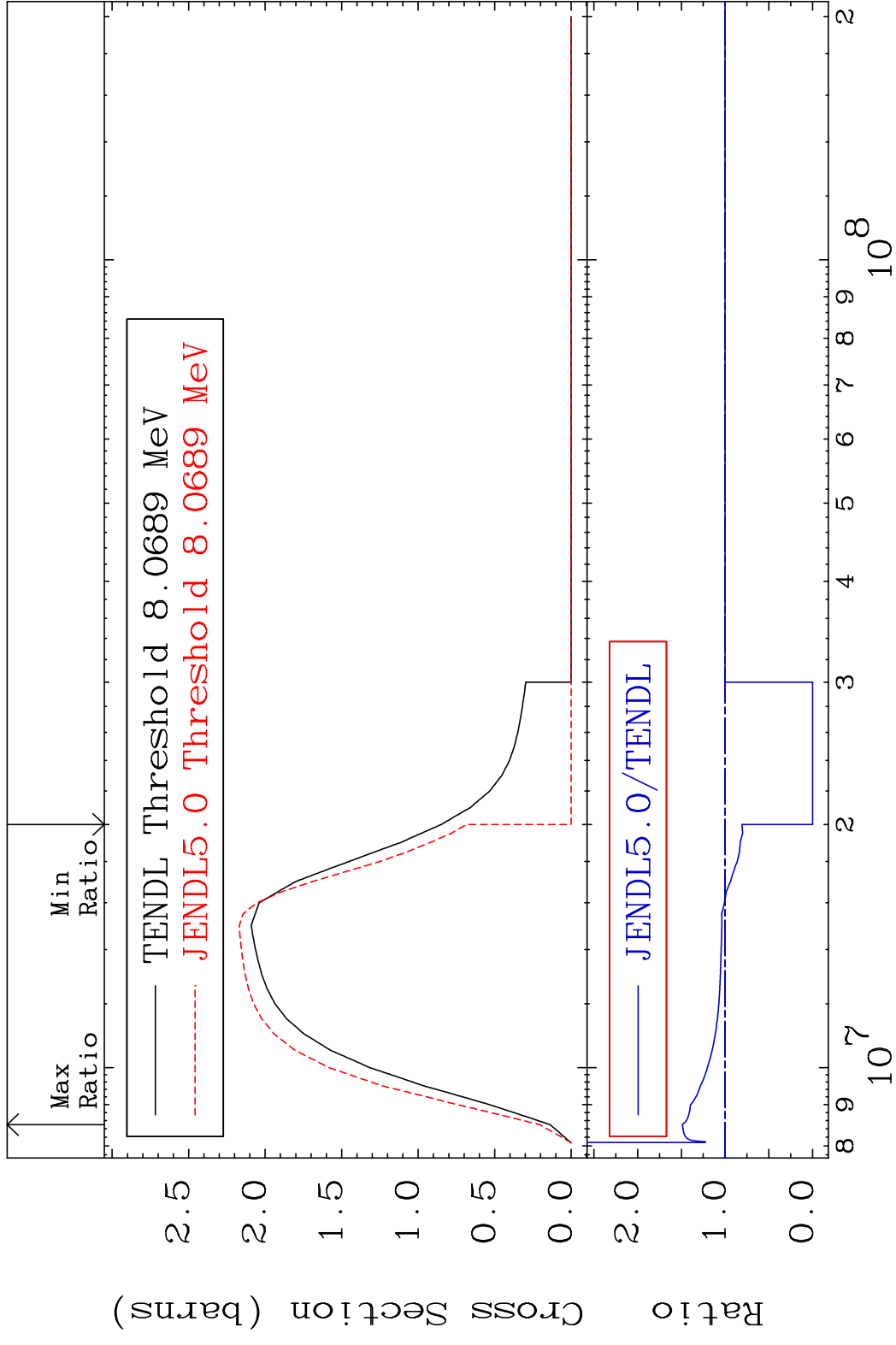


4

Incident Energy (eV)

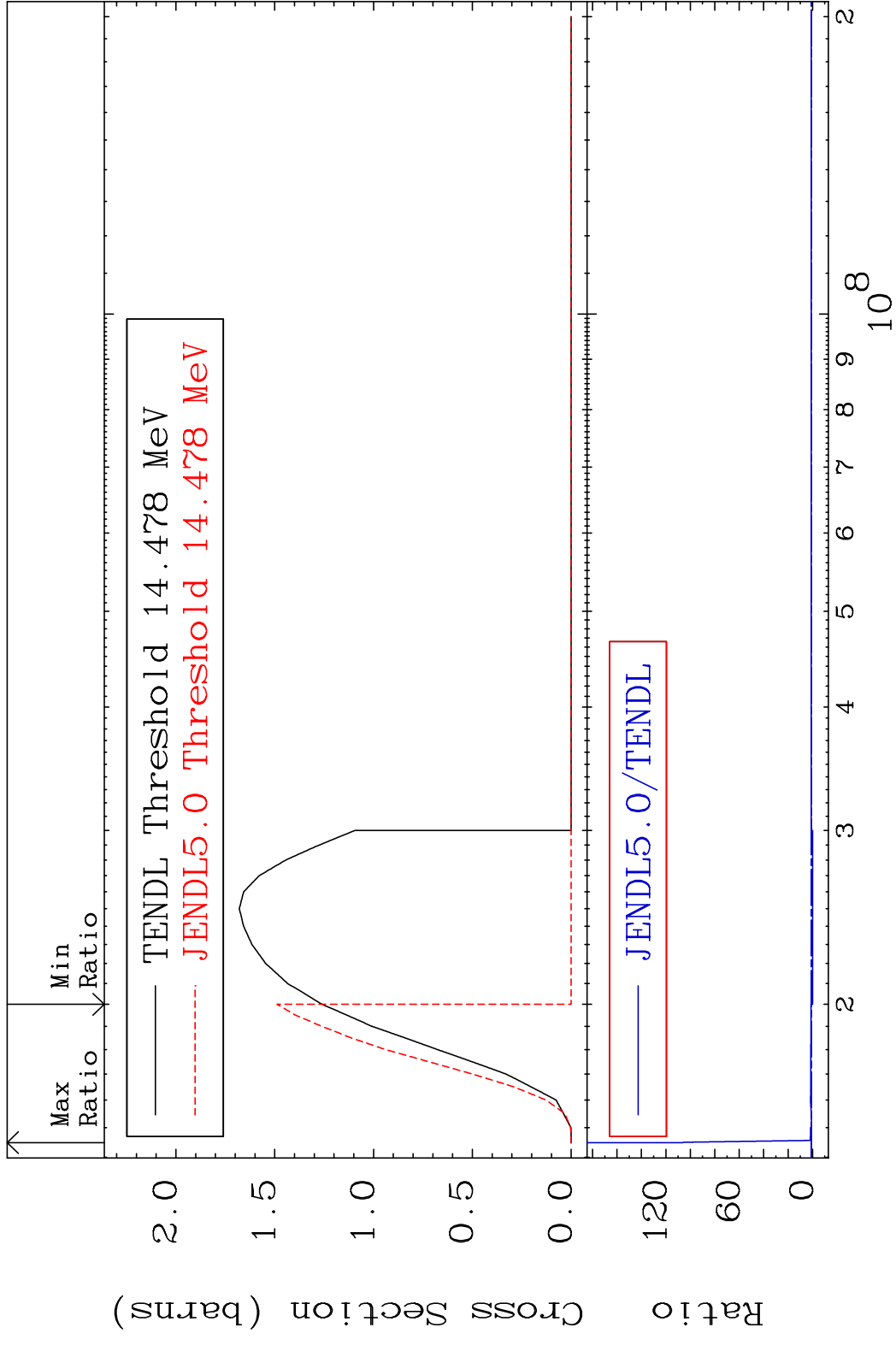
77-Ir-191

MAT 7725 (n,2n) 77-Ir-191
 Cross Section -100.0 To 48.87 %



5 Incident Energy (eV) 77-Ir-191

MAT 7725 (n,3n) 77-Ir-191
 Cross Section -100.0 To 9999. %

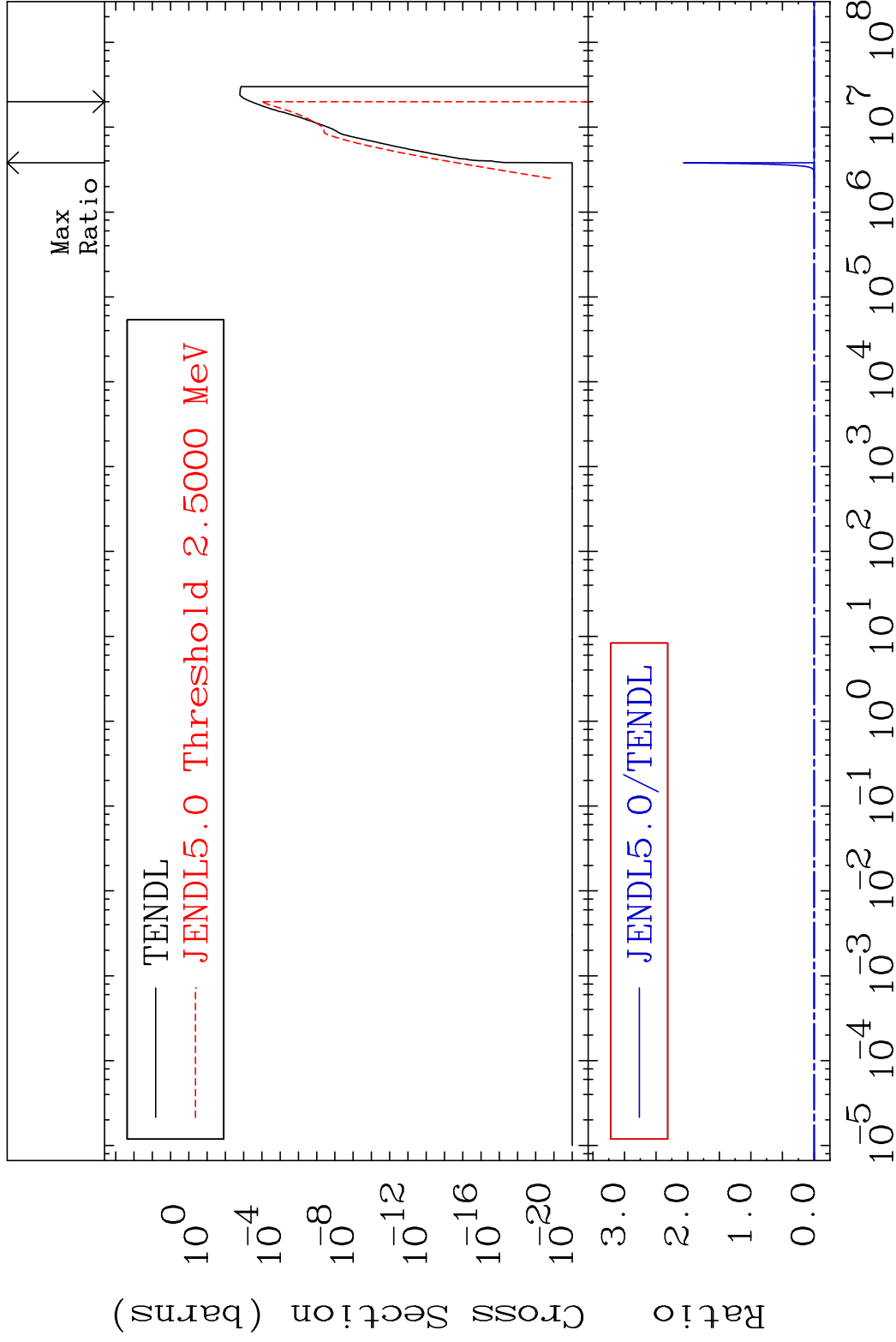


MAT 7725

(n, n') α

77-Ir-191

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

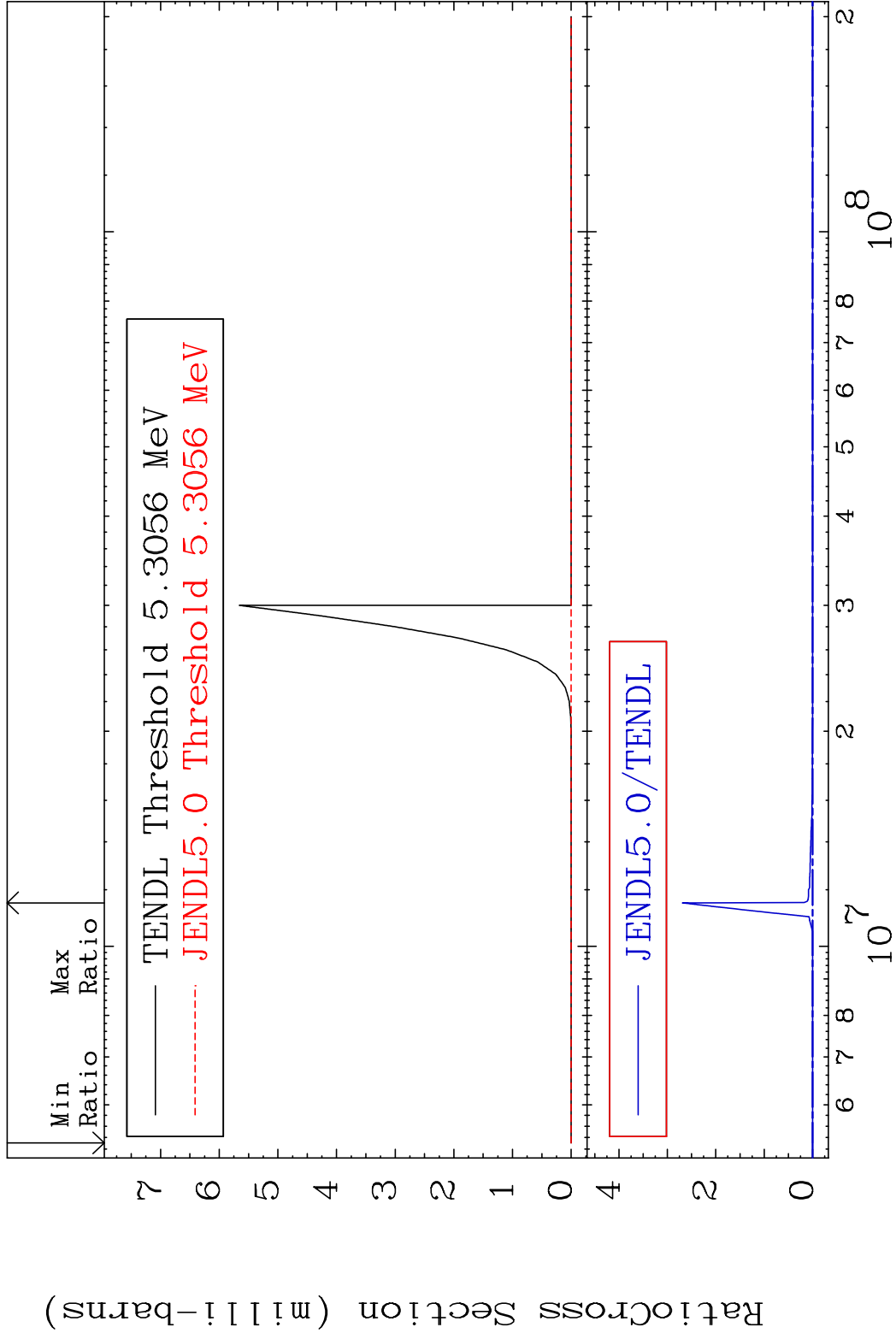
77-Ir-191

MAT 7725

(n,2n) α

77-Ir-191

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

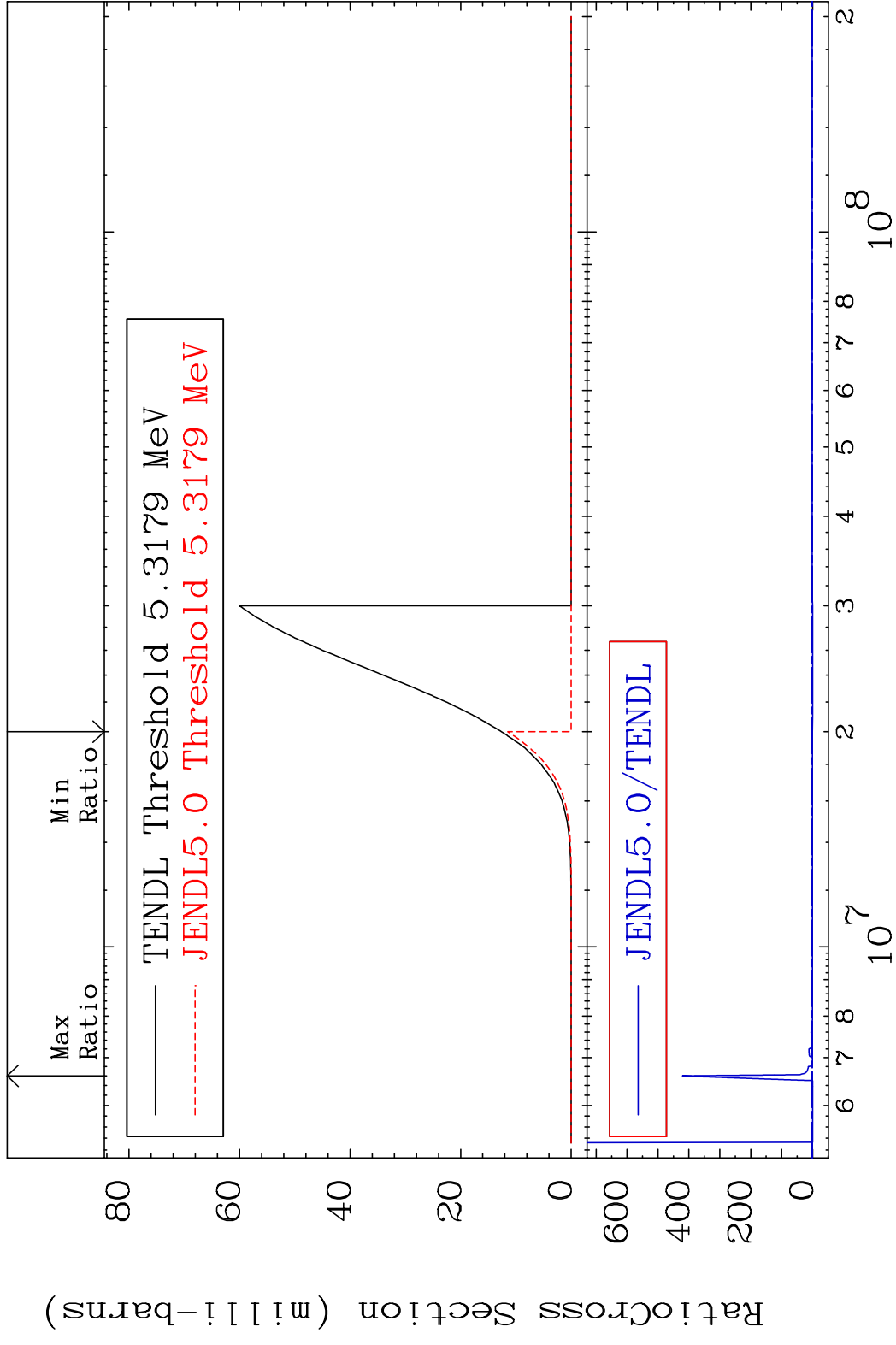
77-Ir-191

MAT 7725

(n, n') p

77-Ir-191

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

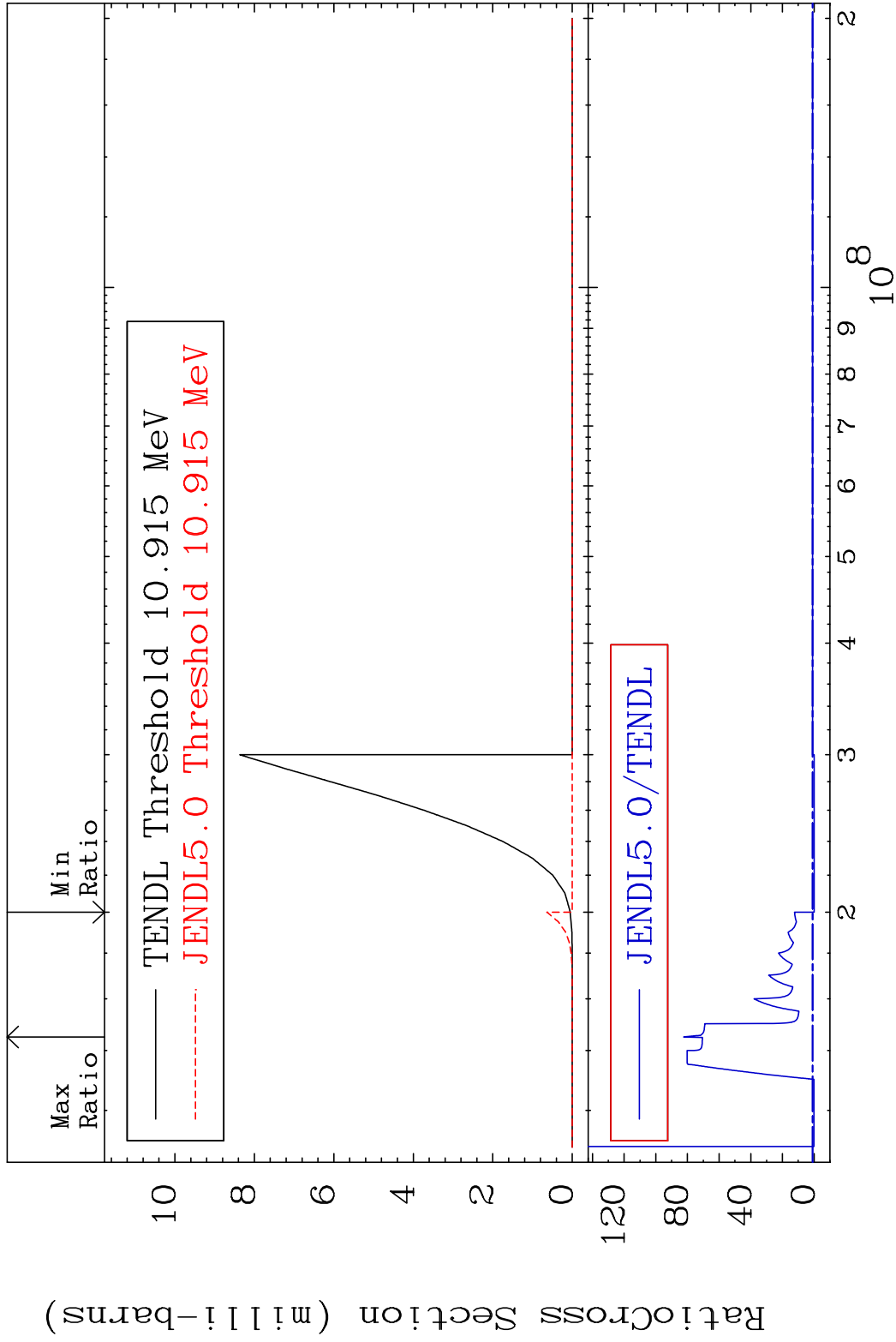
77-Ir-191

MAT 7725

(n, n') d

77-Ir-191

Cross Section -100.0 To 8139. %

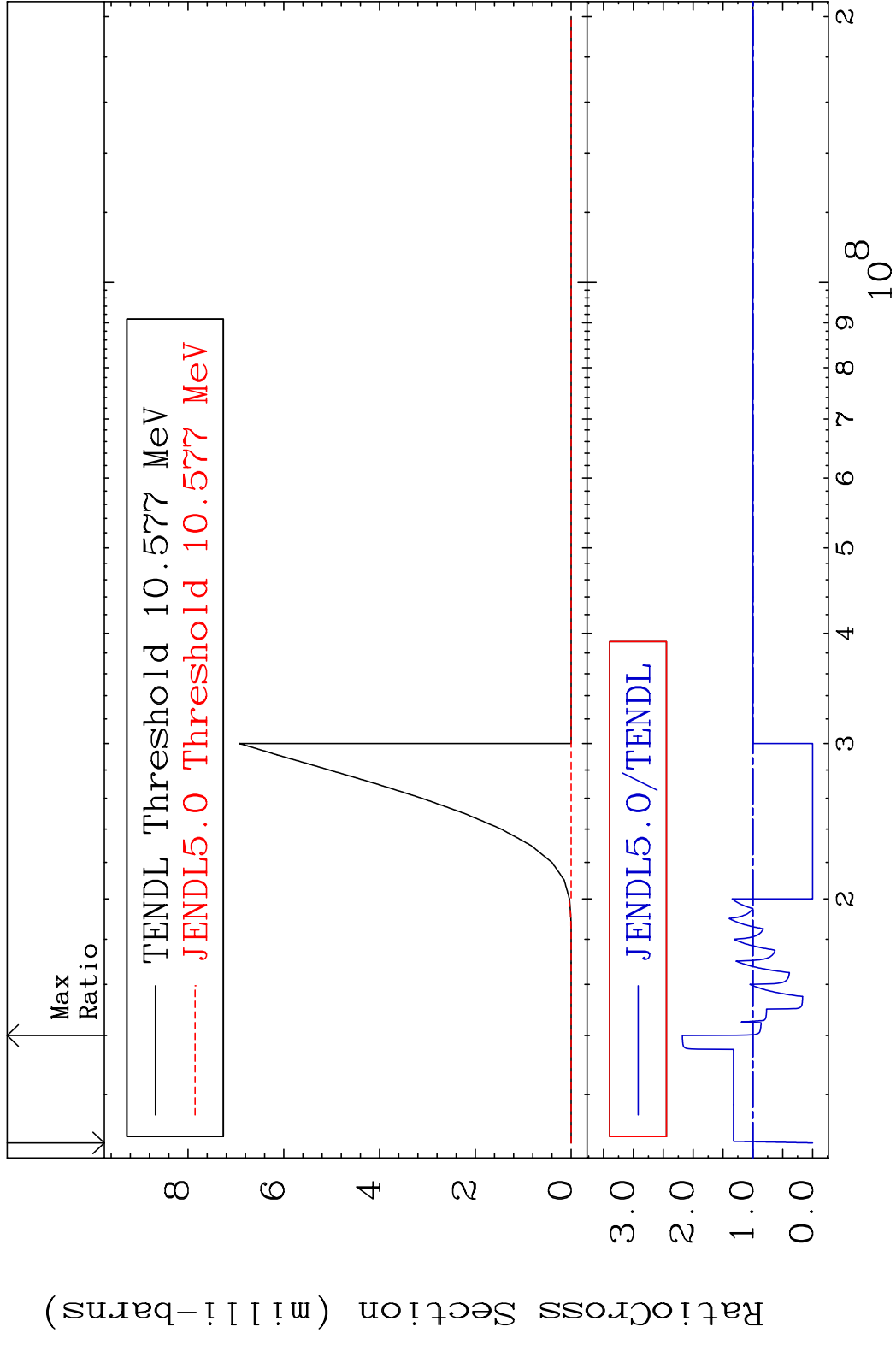


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Incident Energy (eV)

77-Ir-191

MAT 7725 (n, n') t 77-Ir-191
 Cross Section -100.0 To 118.0 %

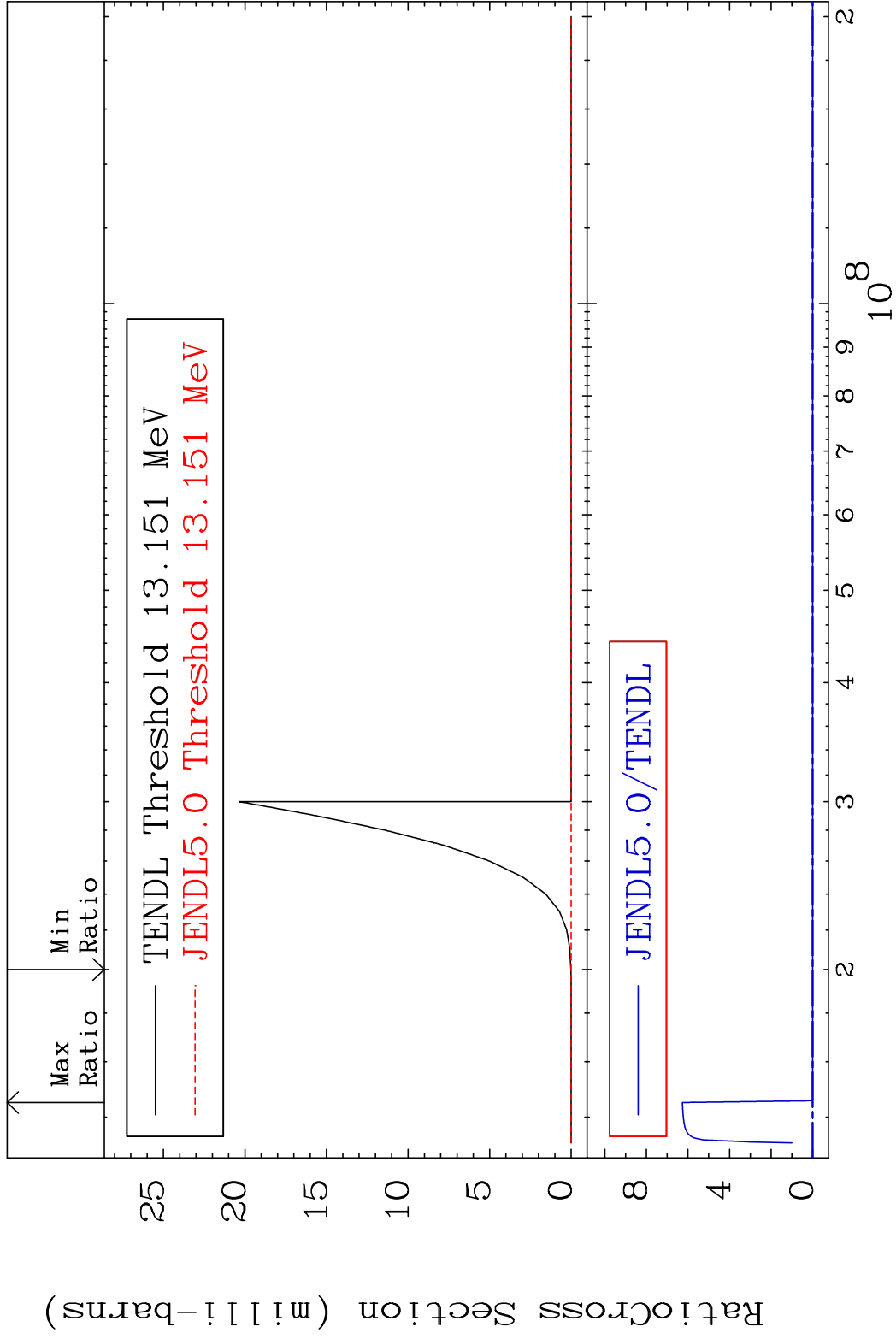


MAT 7725

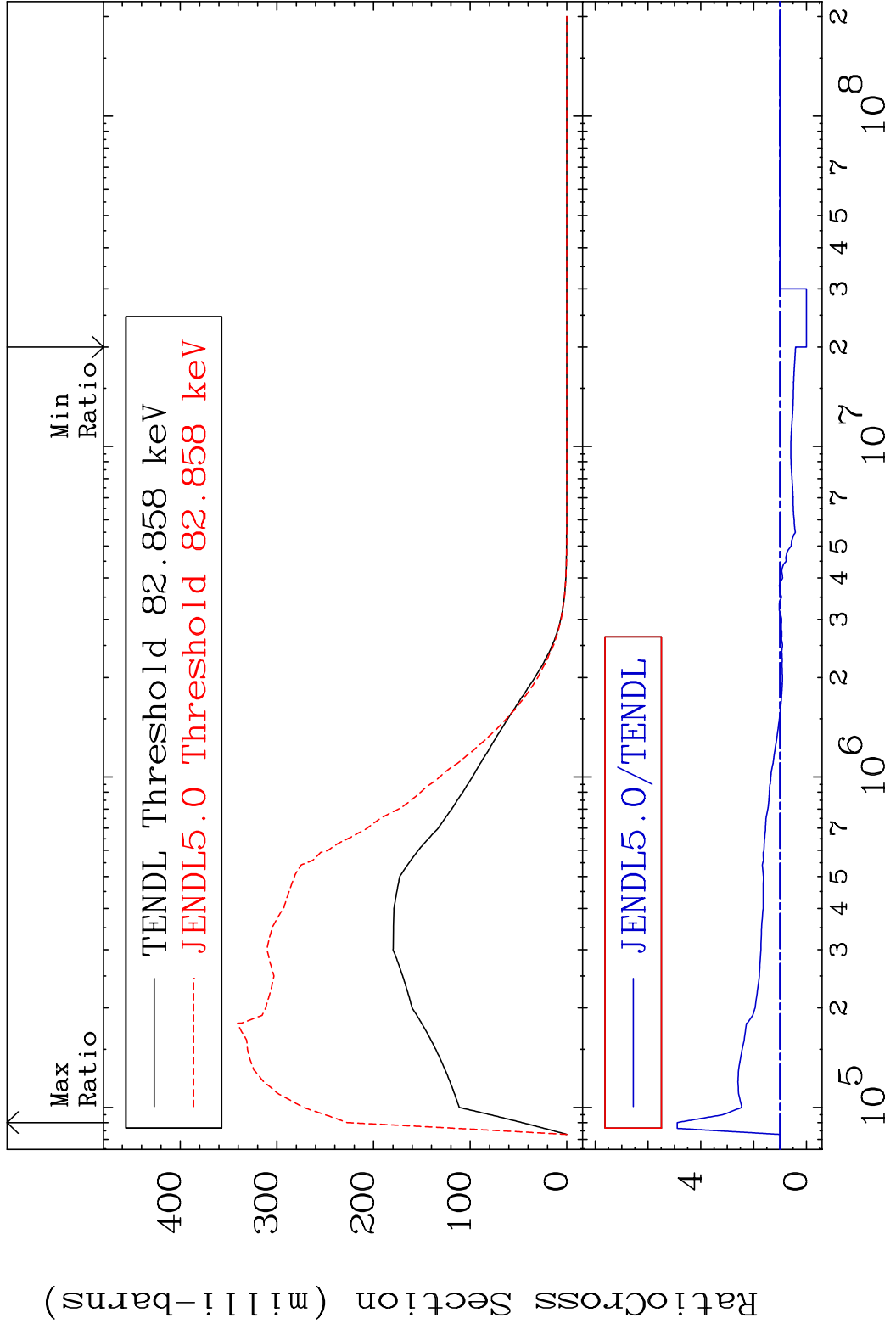
(n,2n) p

77-Ir-191

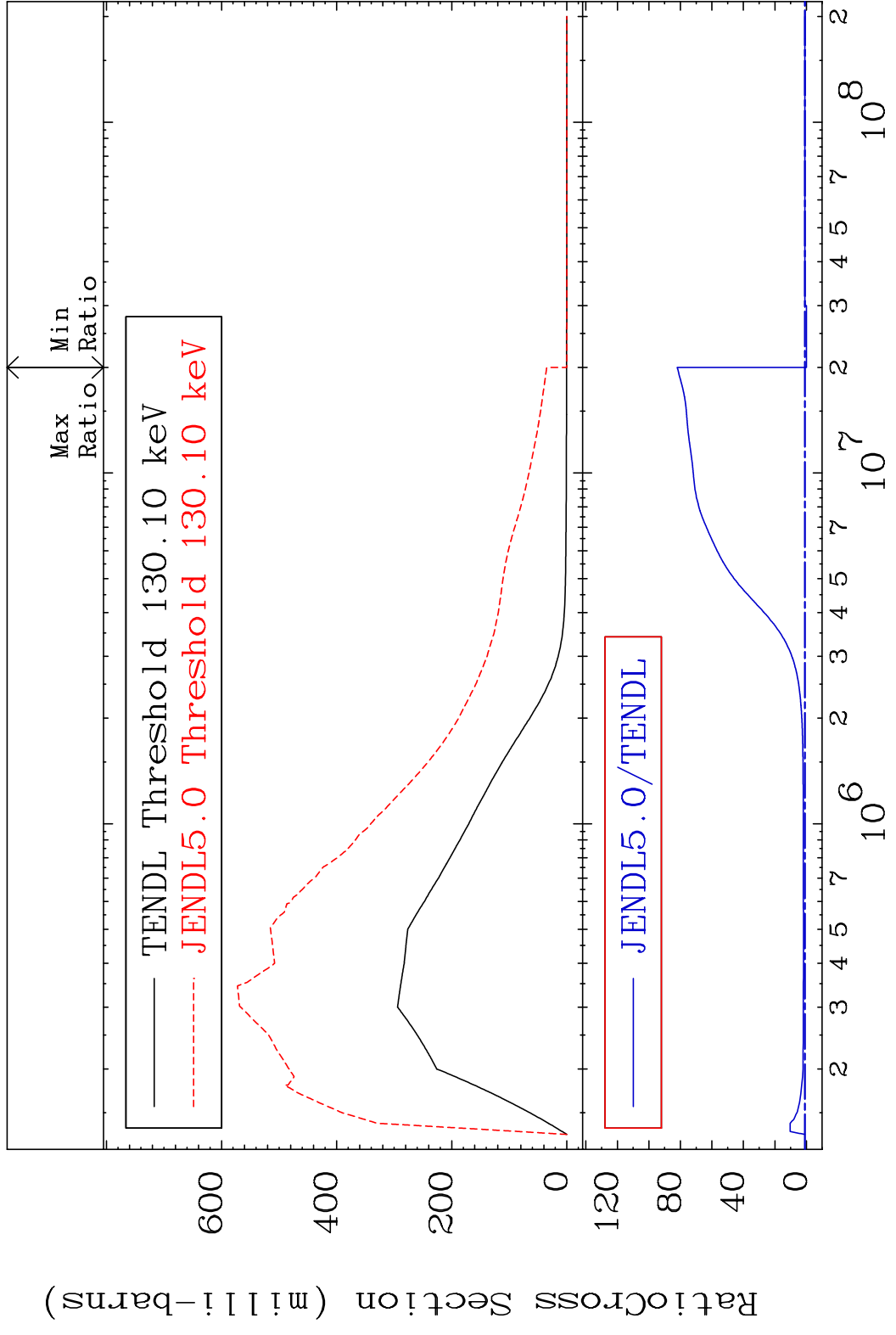
Cross Section -100.0 To 9999. %



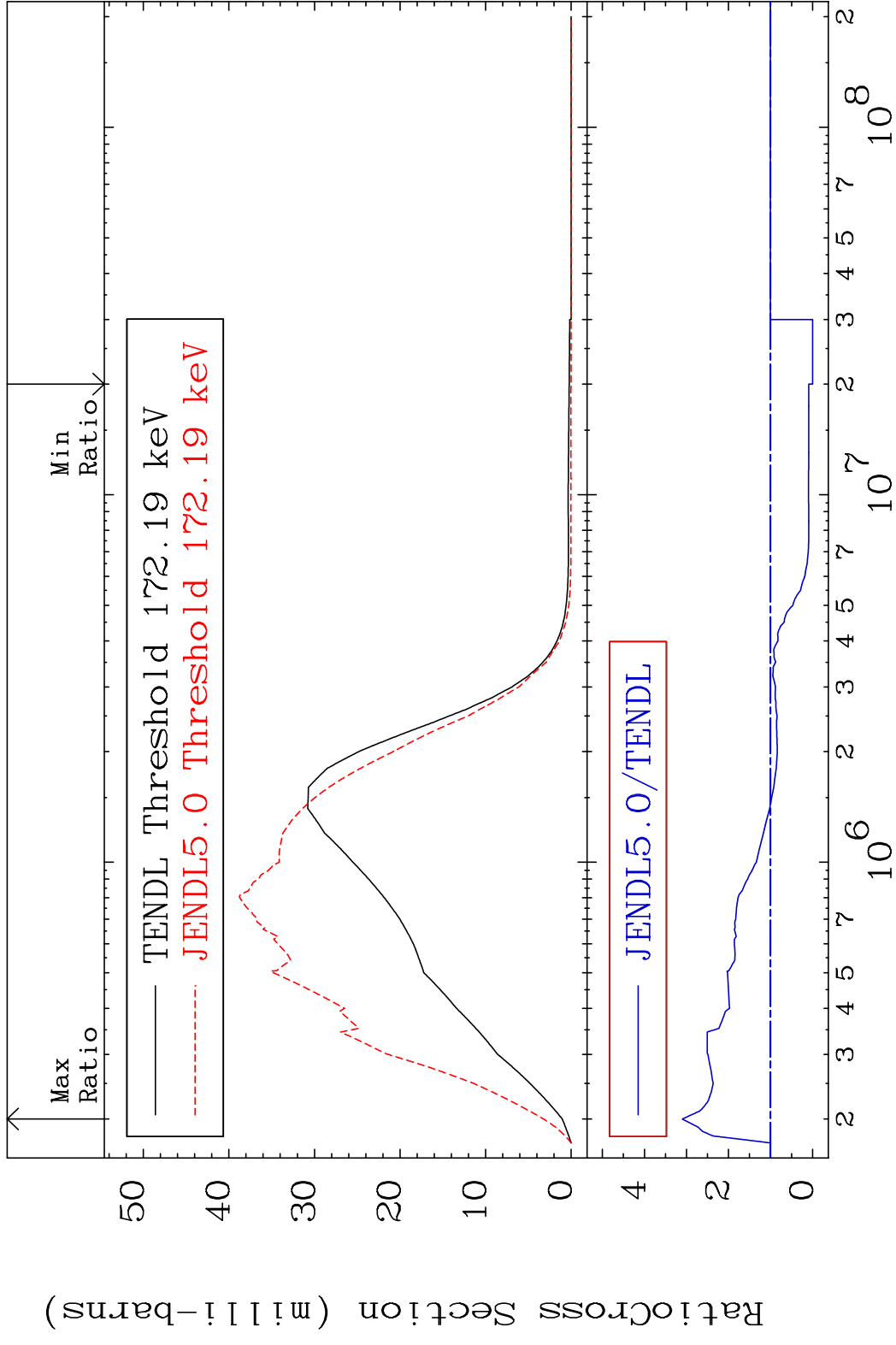
MAT 7725 MT= 51 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 389.7 %



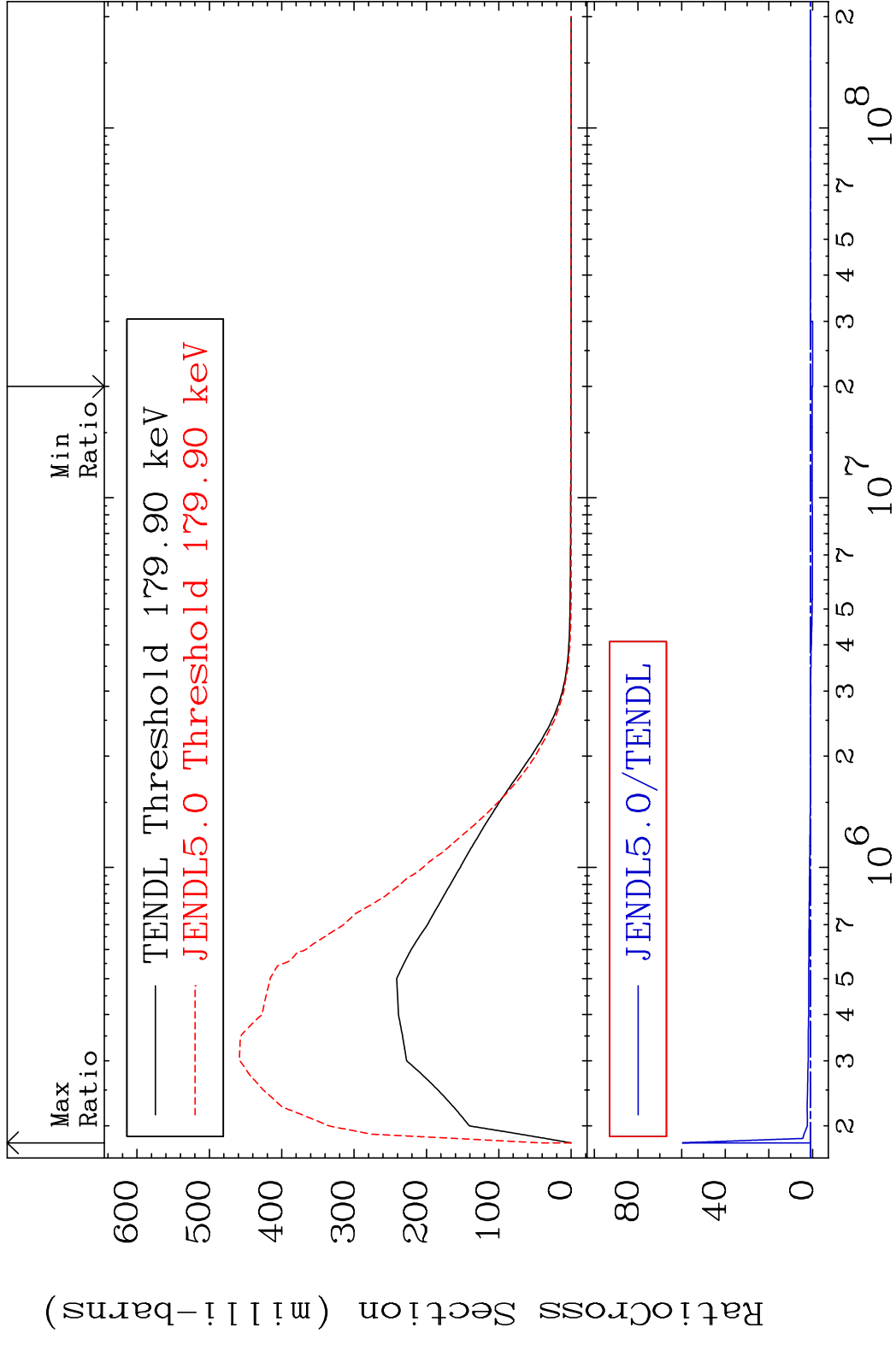
MAT 7725 MT= 52 (n,n') Level 77-Ir-191
 Cross Section -100.0 To 8104. %



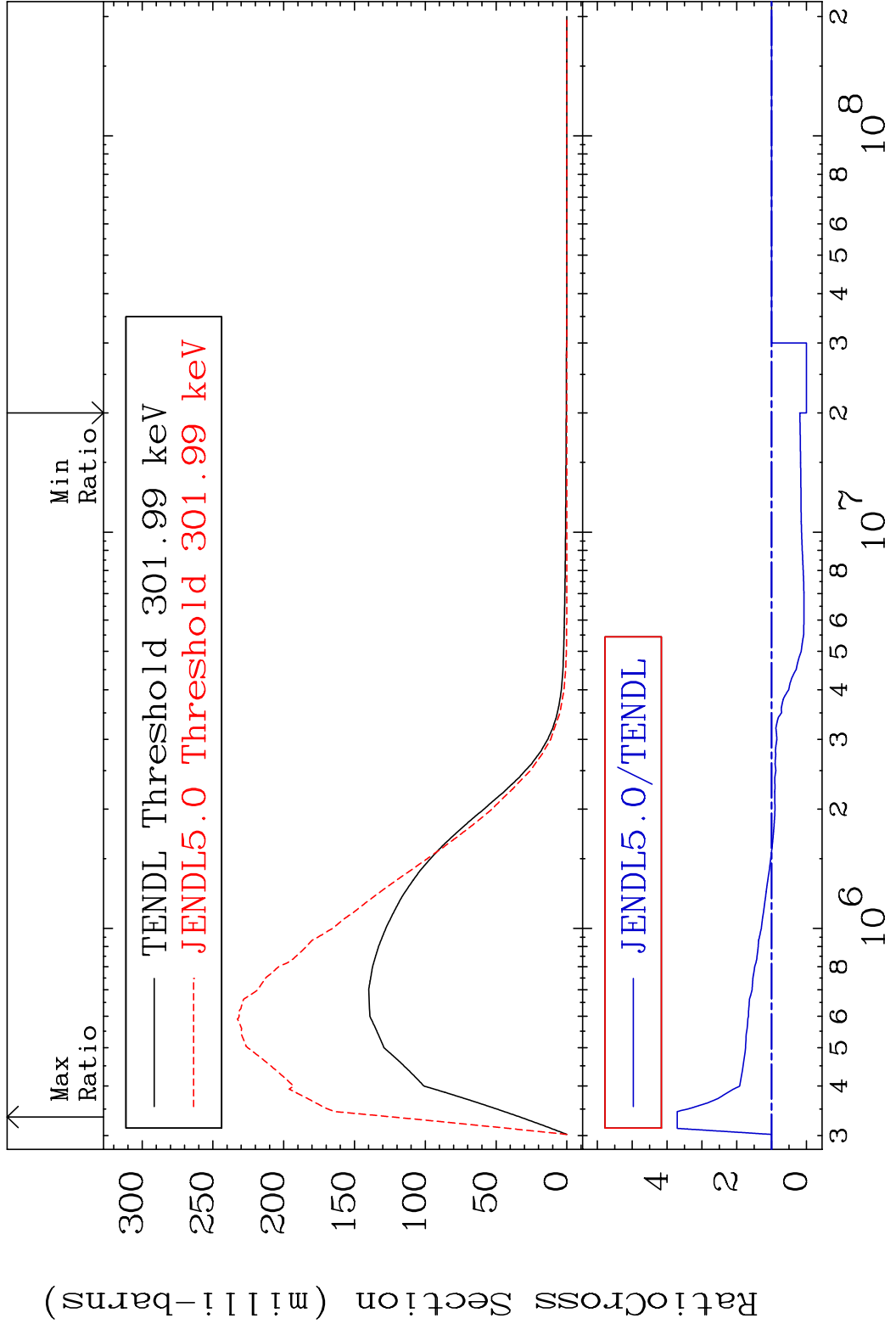
MAT 7725 MT= 53 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 209.8 %



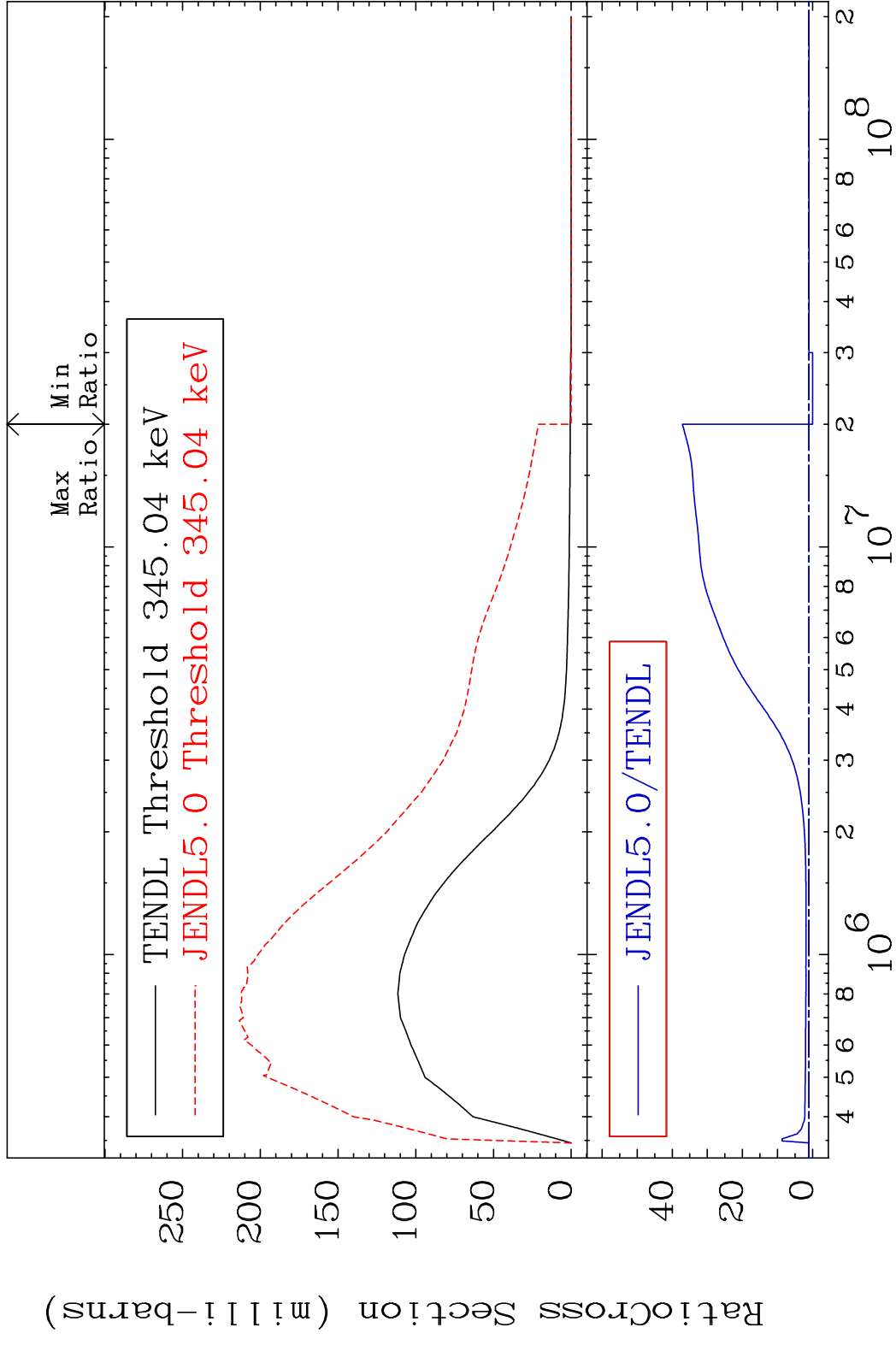
MAT 7725 MT= 54 (n,n') Level 77-Ir-191
 Cross Section -100.0 To 5867. %



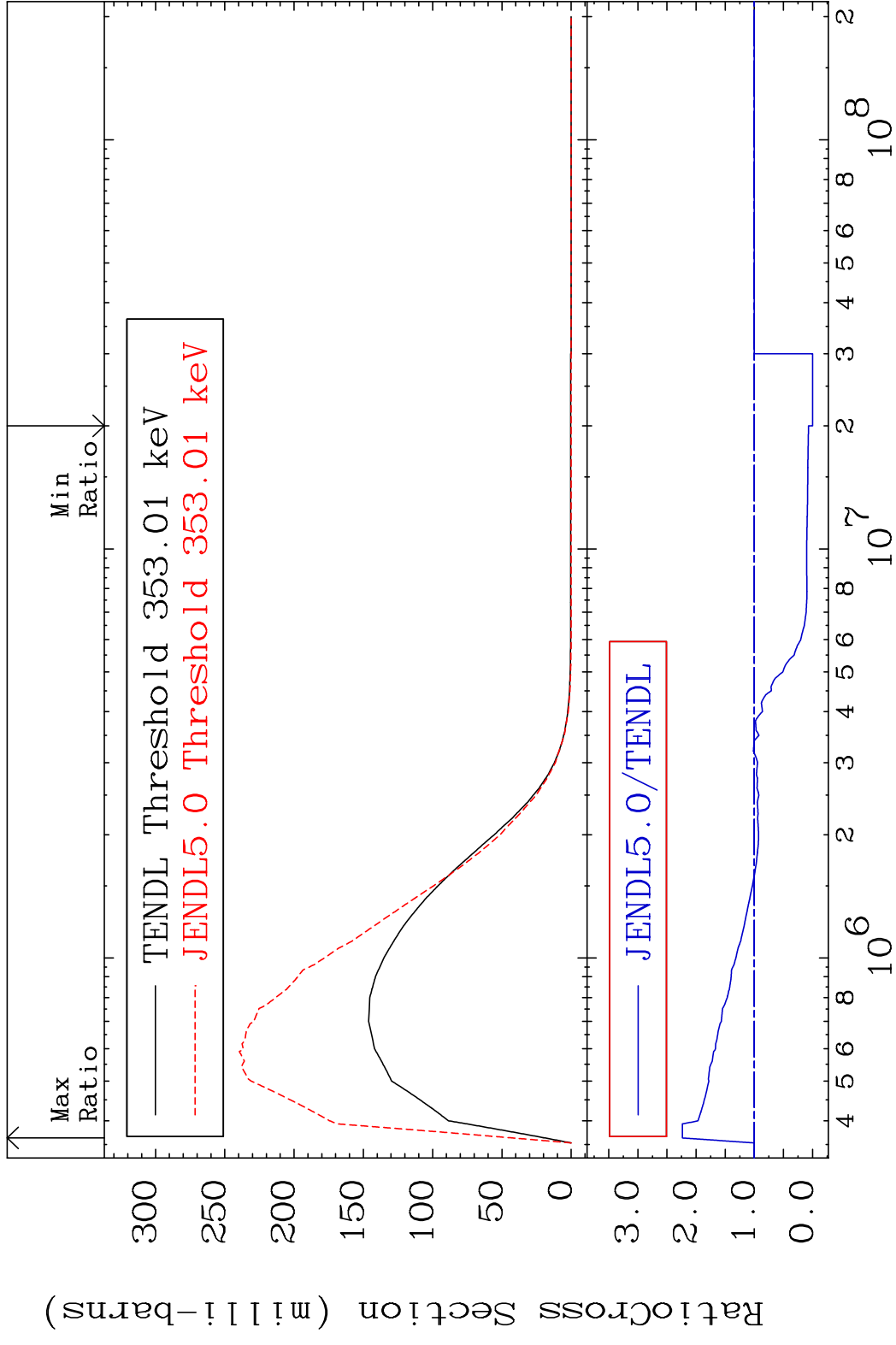
MAT 7725 MT= 55 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 270.9 %



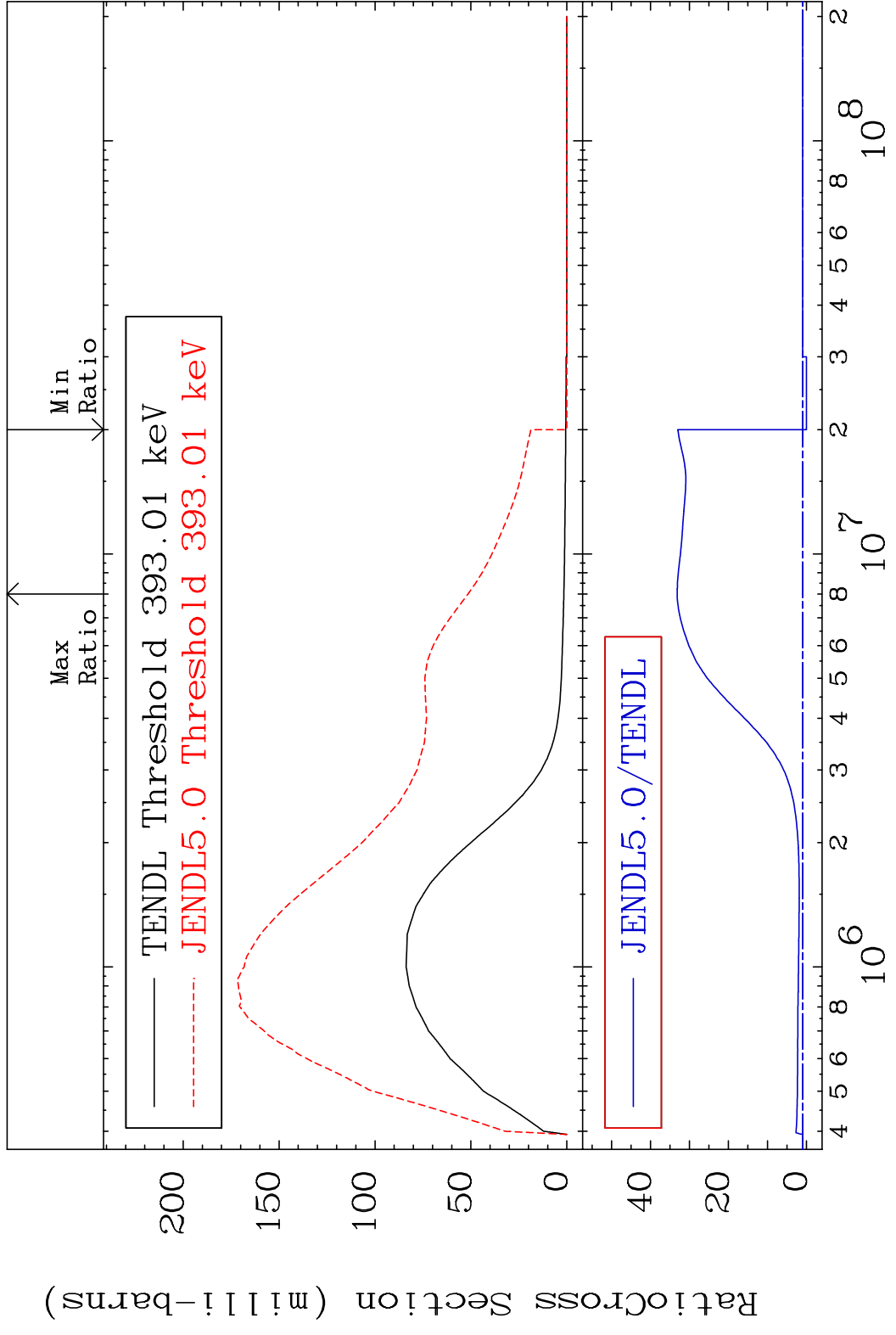
MAT 7725 MT= 56 (n,n') Level 77-Ir-191
 Cross Section -100.0 To 3612. %



MAT 7725 MT= 57 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 123.6 %

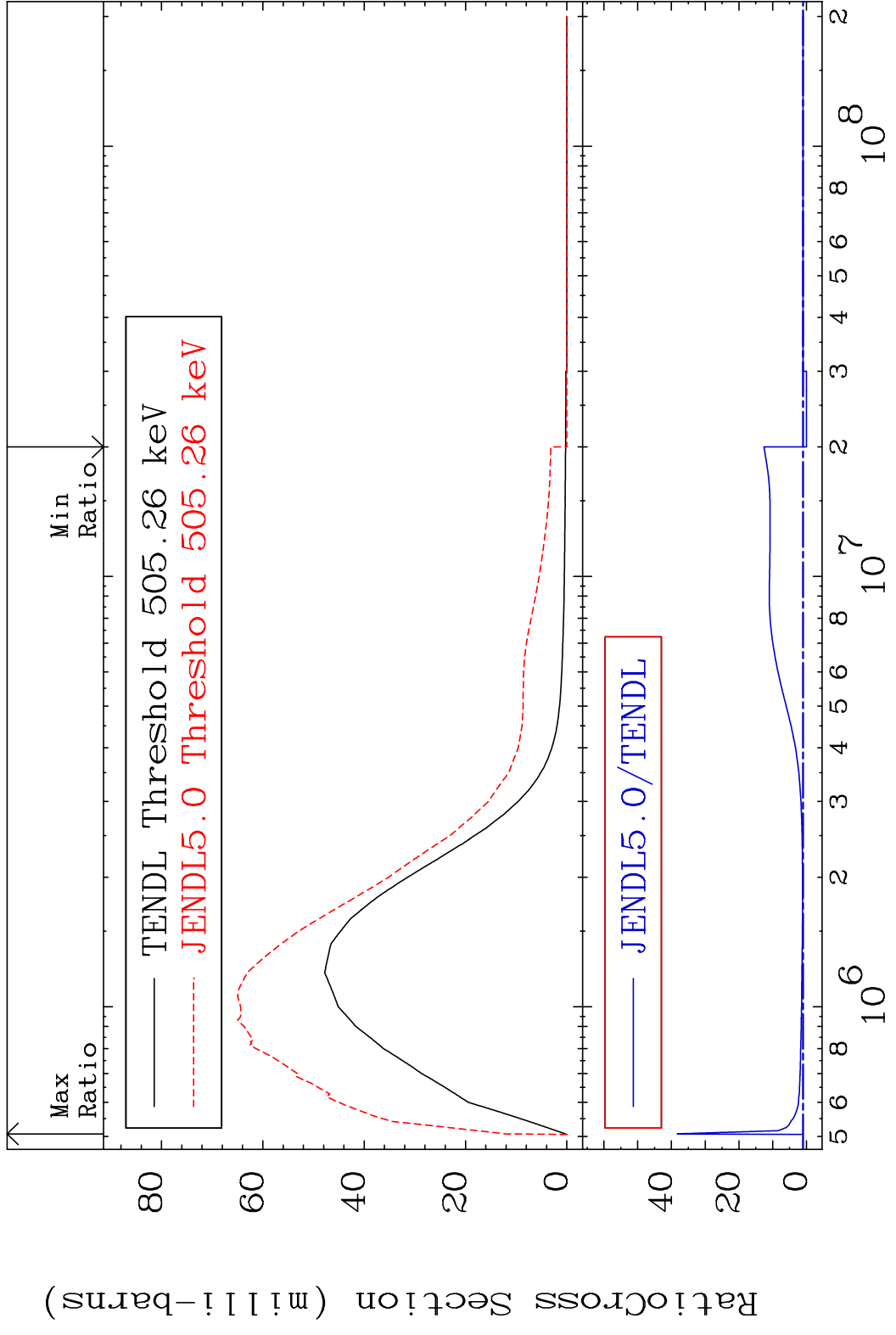


MAT 7725 MT= 58 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 3215. %

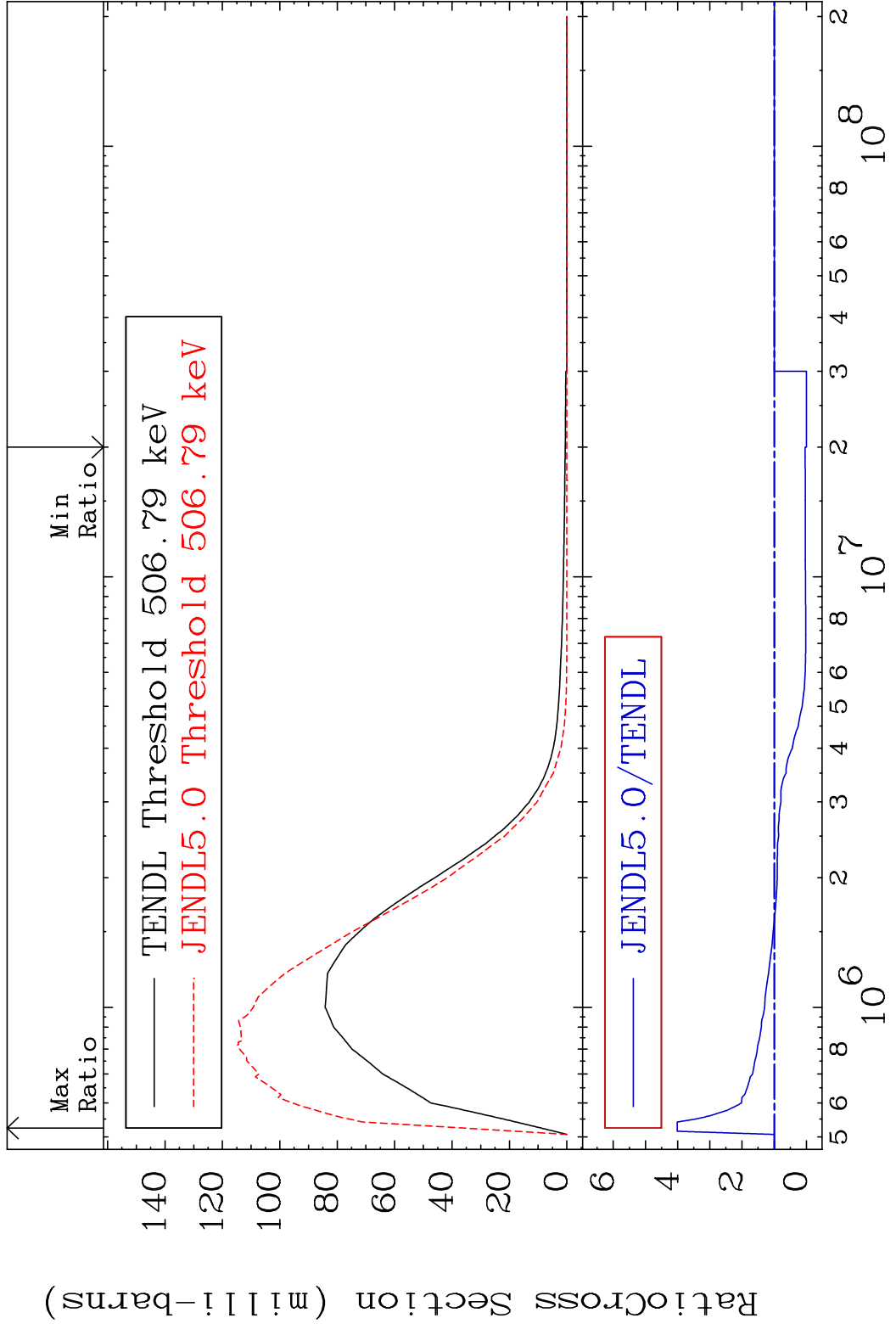


20 77-Ir-191

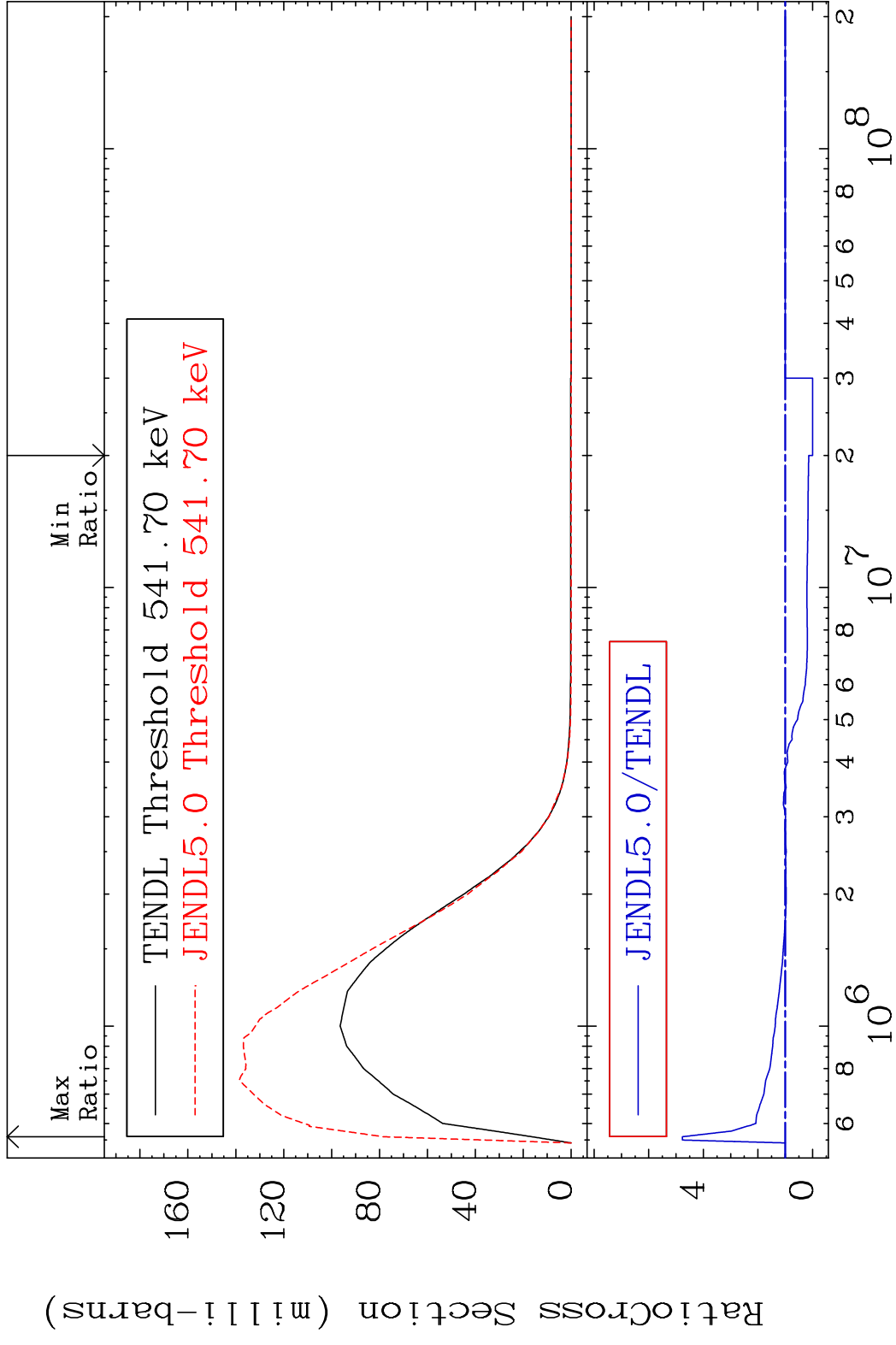
MAT 7725 MT= 59 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 3730. %



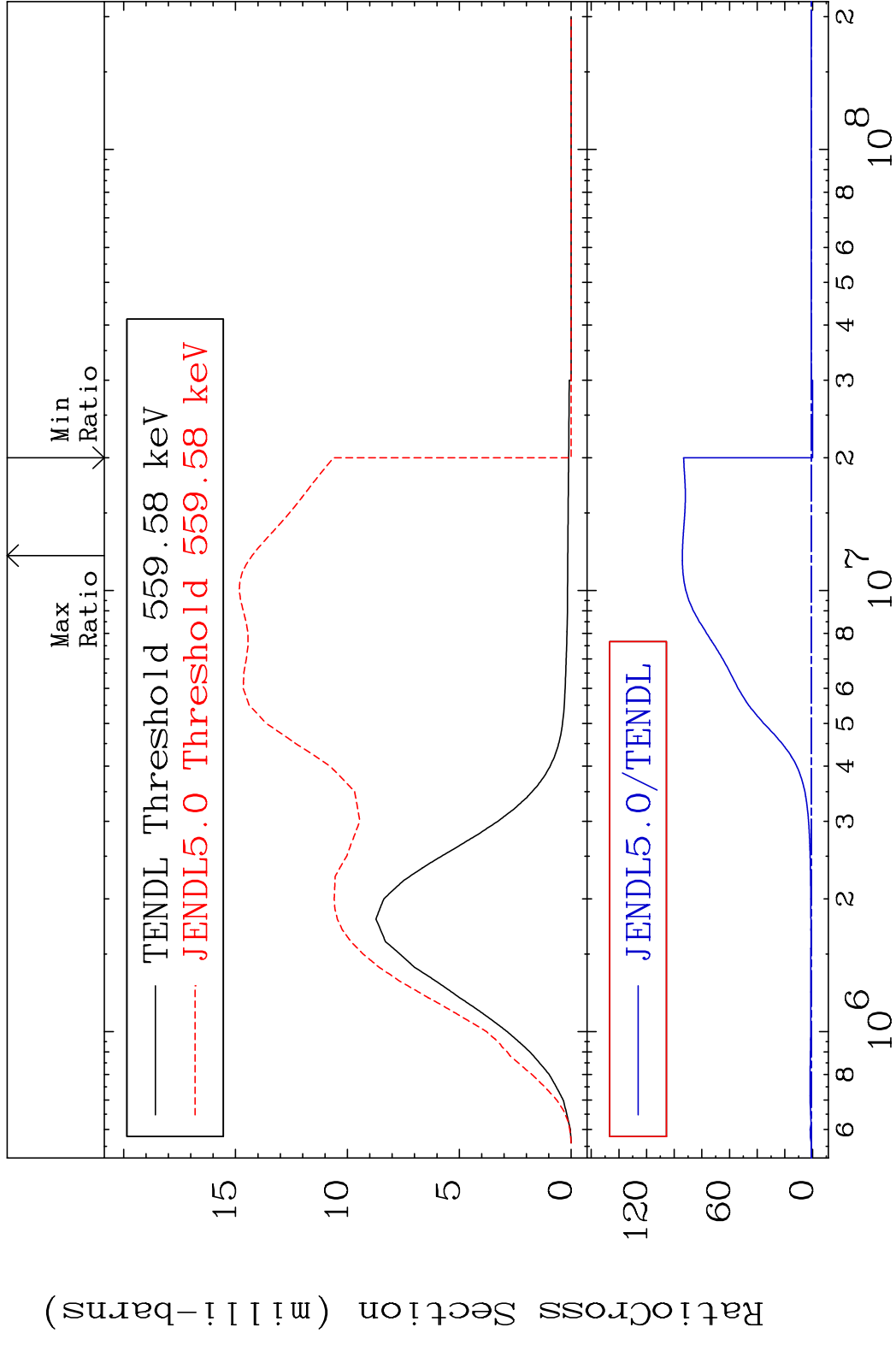
MAT 7725 MT= 60 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 301.4 %



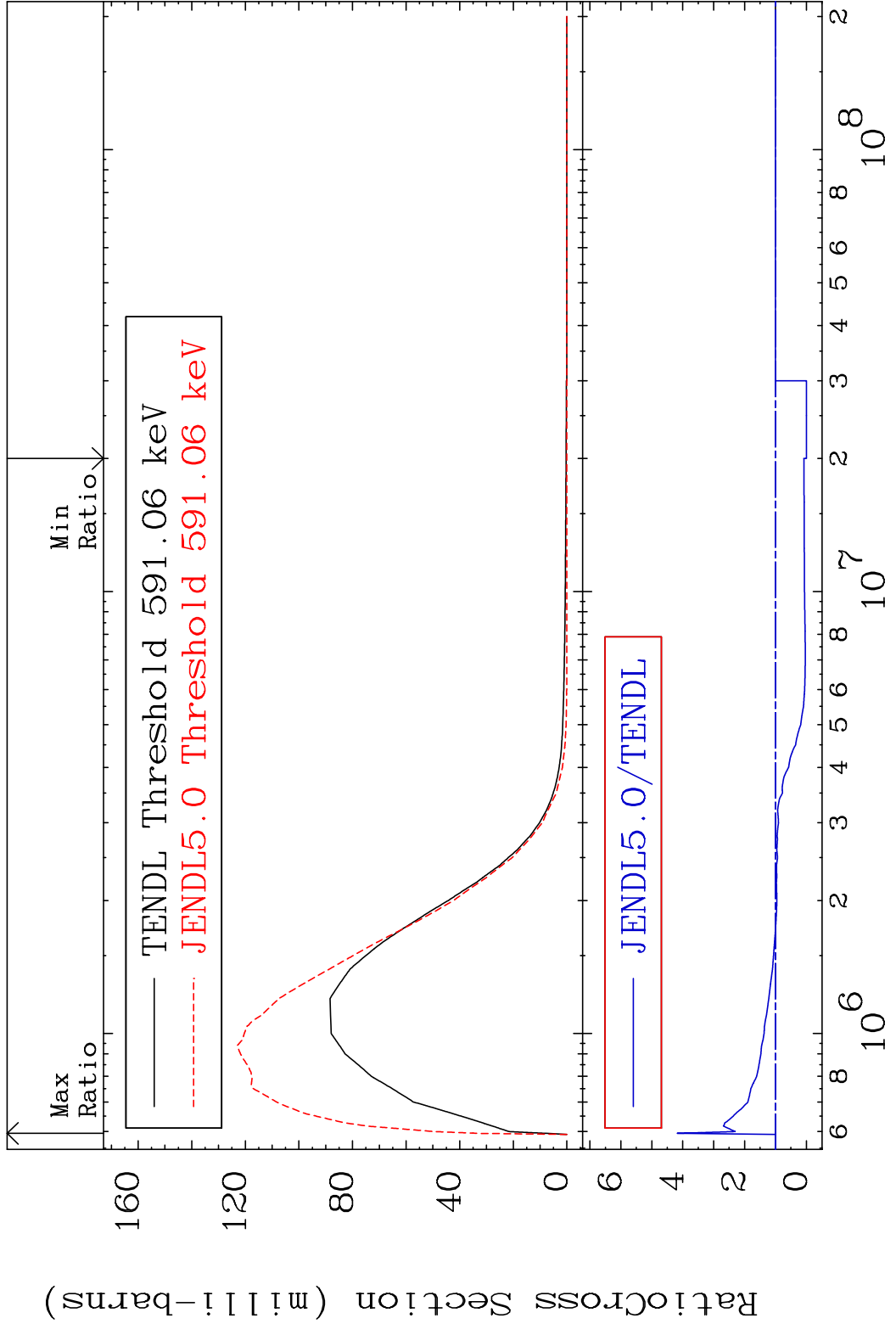
MAT 7725 MT= 61 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 376.9 %



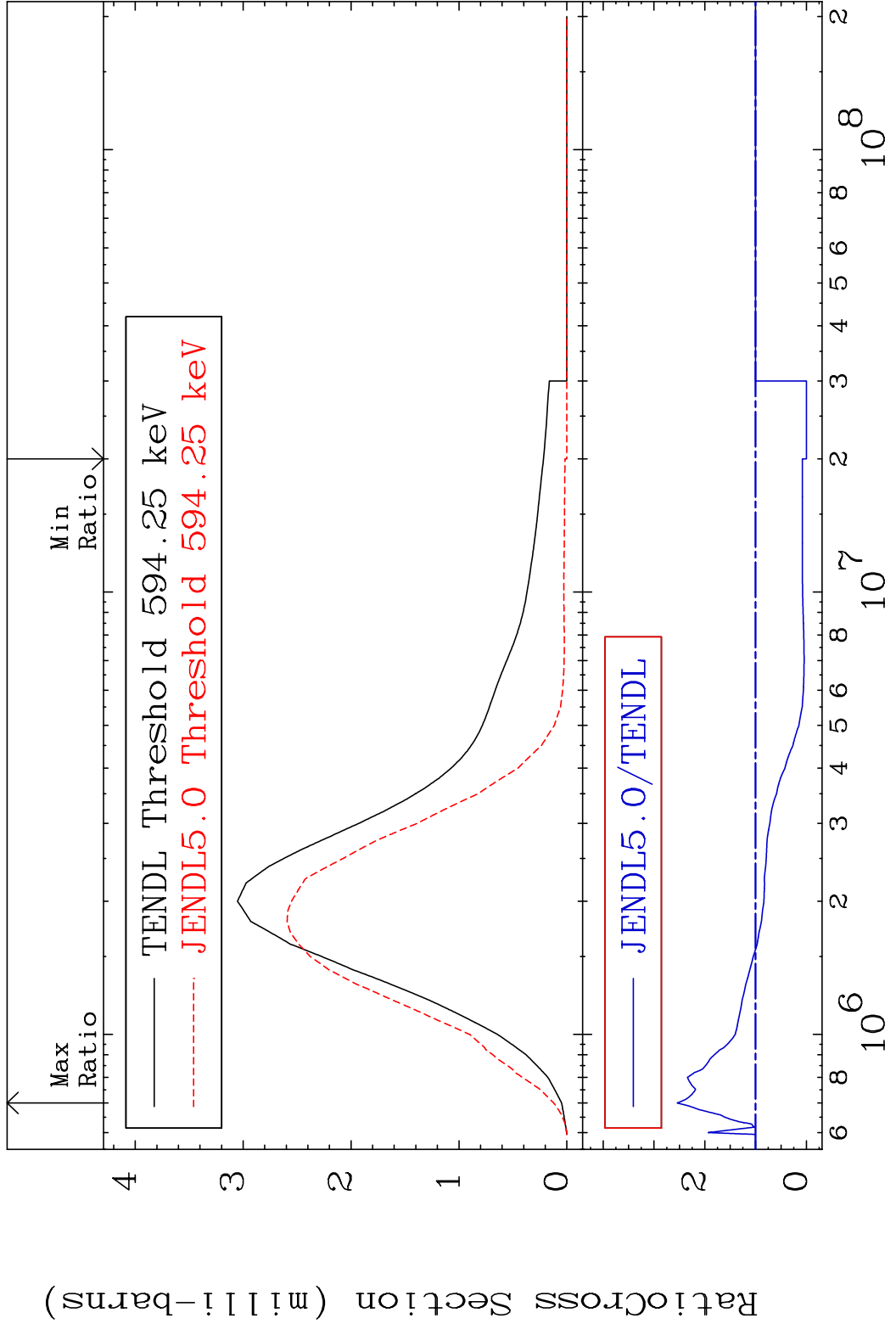
MAT 7725 MT= 62 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 9312. %



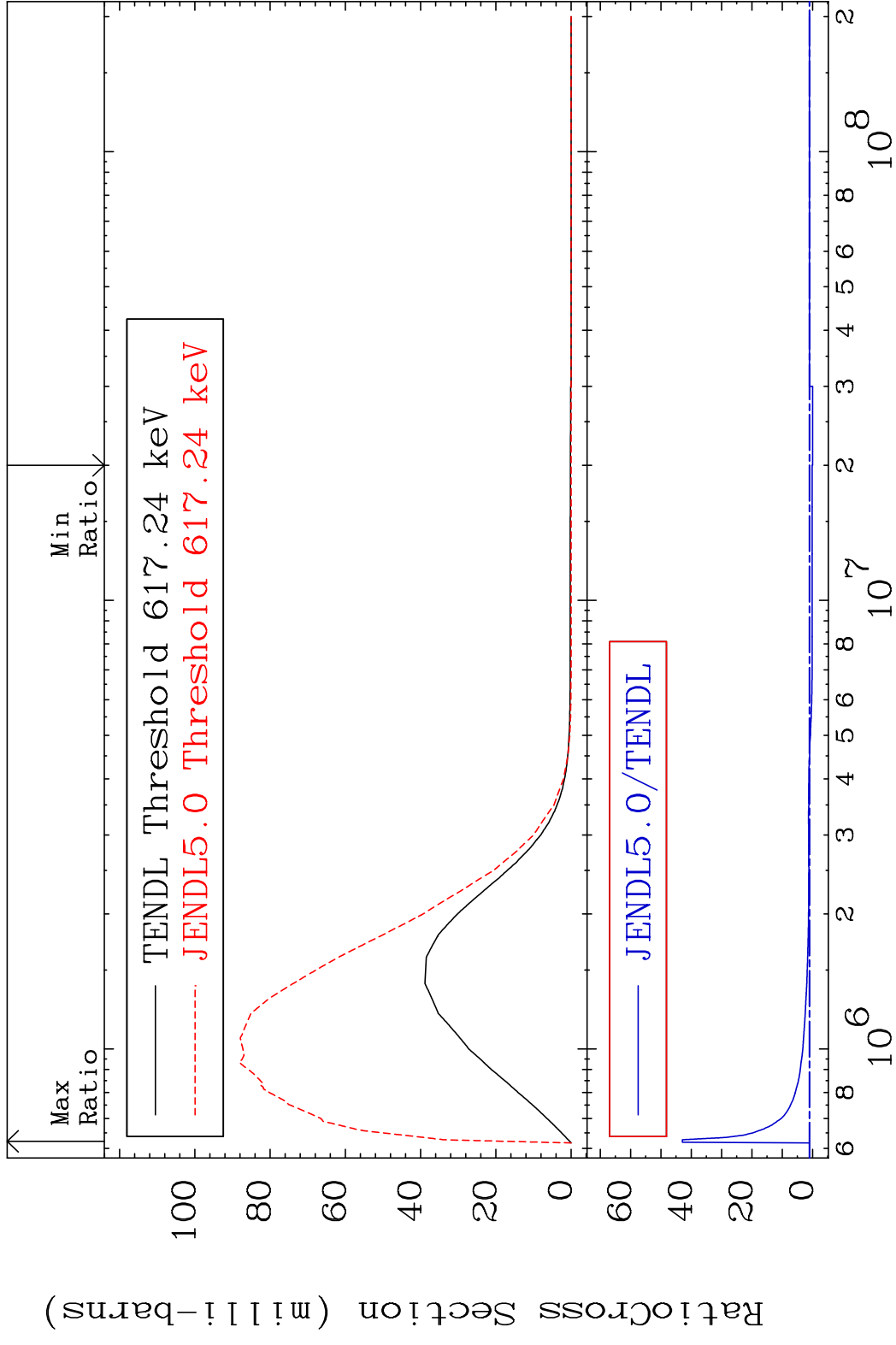
MAT 7725 MT= 63 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 317.9 %



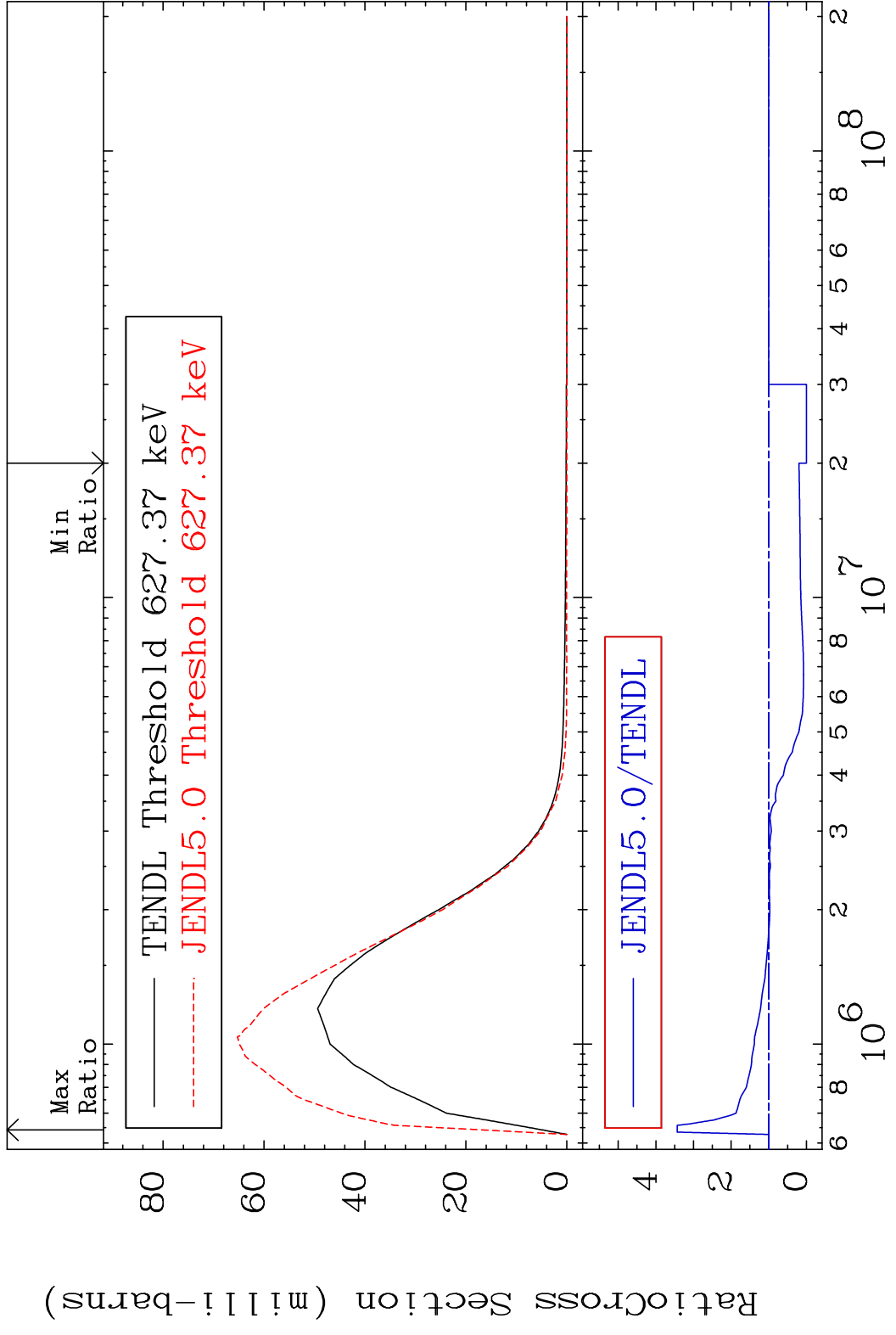
MAT 7725 MT= 64 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 154.4 %



MAT 7725 MT= 65 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 4193. %



MAT 7725 MT= 66 (n, n') Level 77-Ir-191
 Cross Section -100.0 To 243.3 %

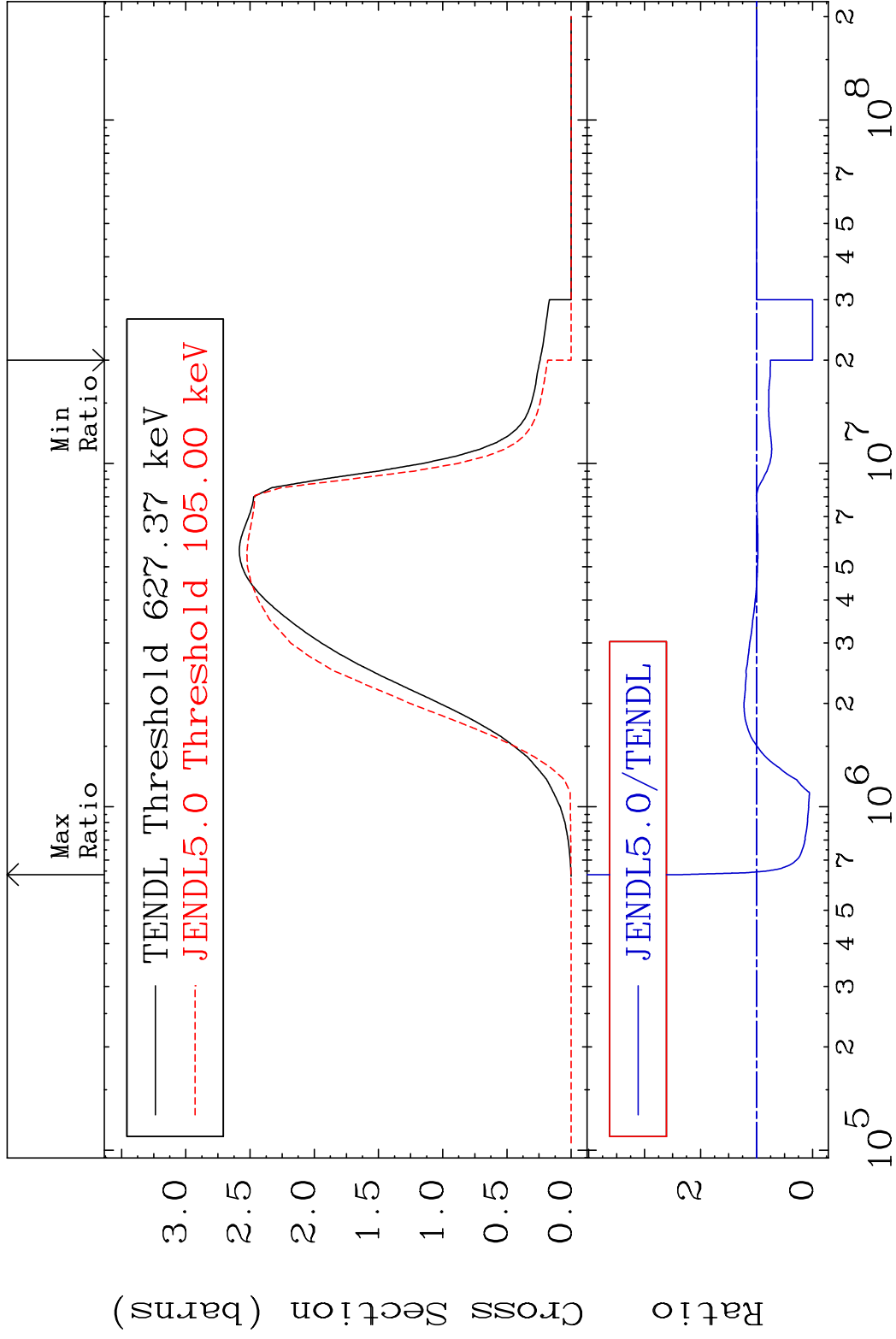


MAT 7725

(n,n') Continuum

77-Ir-191

Cross Section -100.0 To 132.6 %



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Incident Energy (eV)

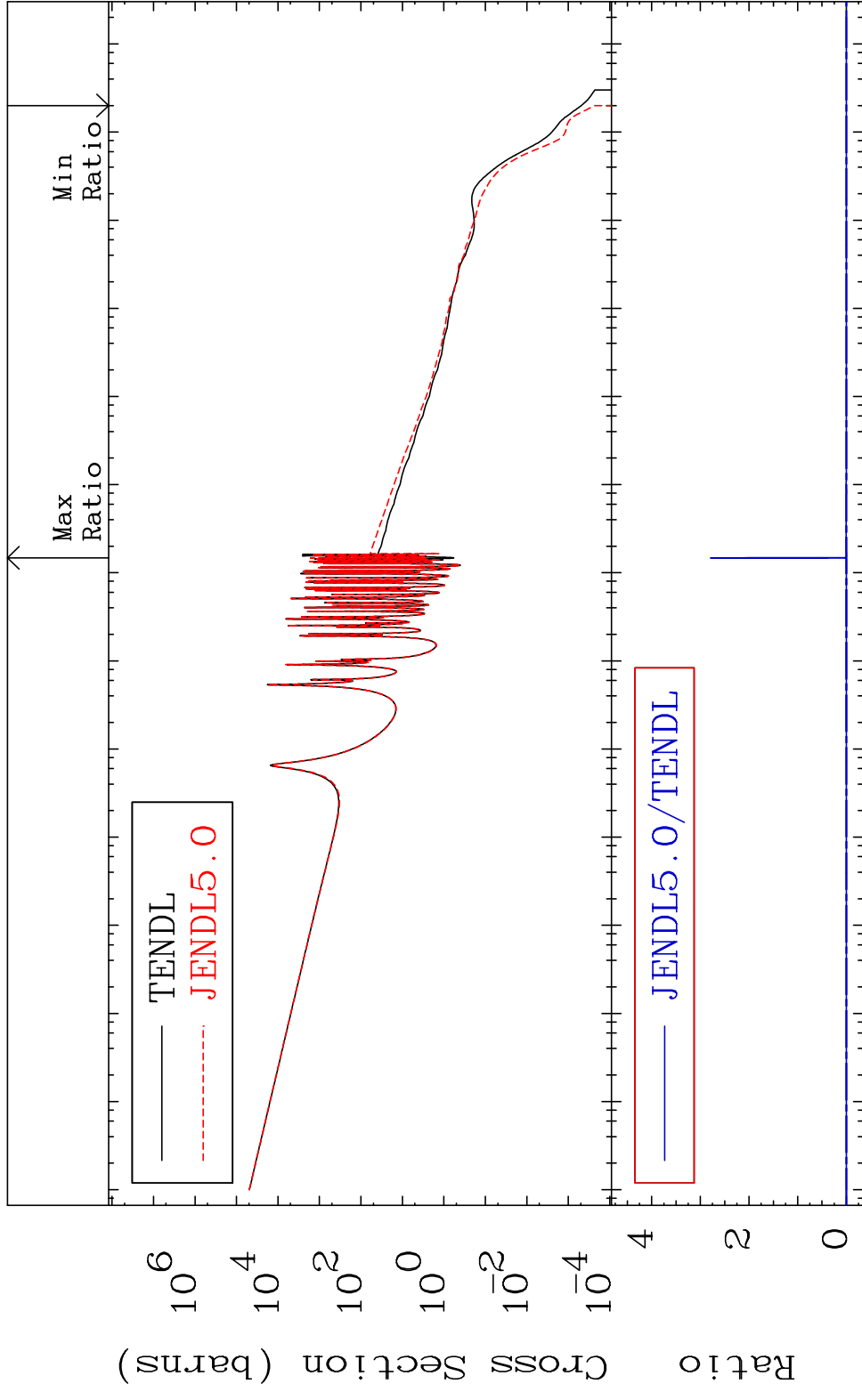
77-Ir-191

MAT 7725

77-Ir-191

(n, γ)

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

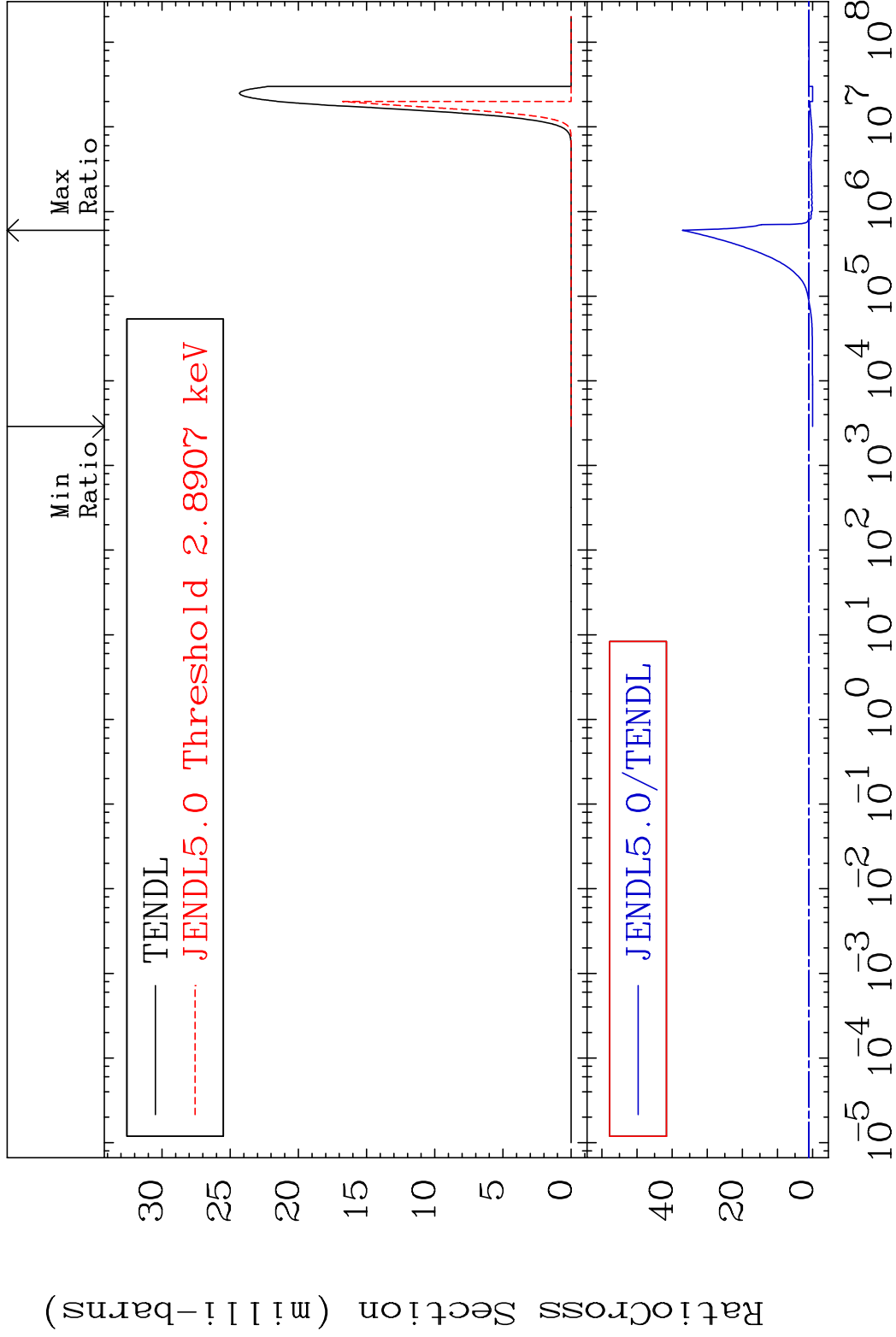
77-Ir-191

MAT 7725

(n, p)

77-Ir-191

Cross Section -100.0 To 3606. %

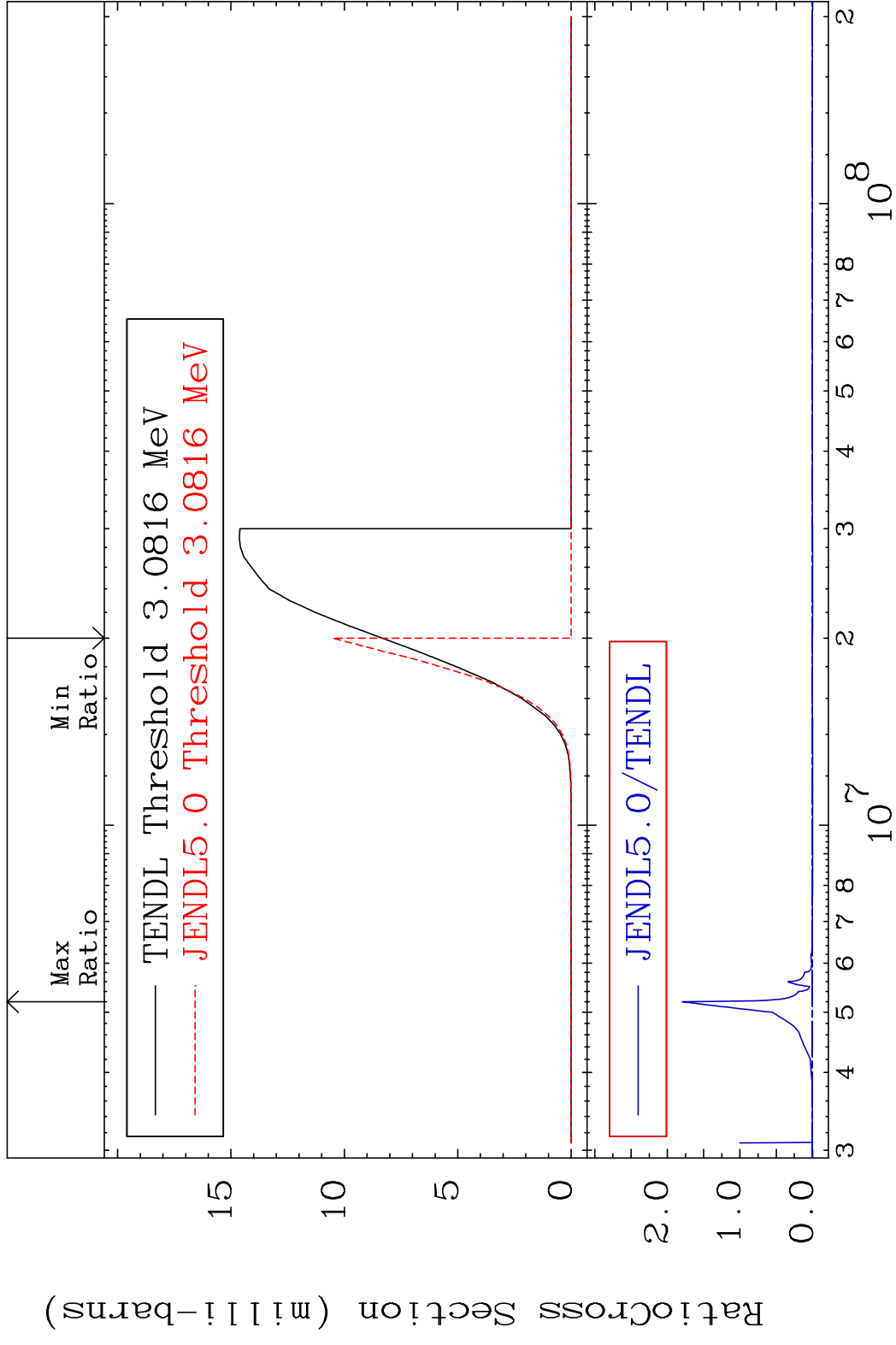


31

Incident Energy (eV)

77-Ir-191

MAT 7725 (n,d) 77-Ir-191
 Cross Section -100.0 To 9999. %

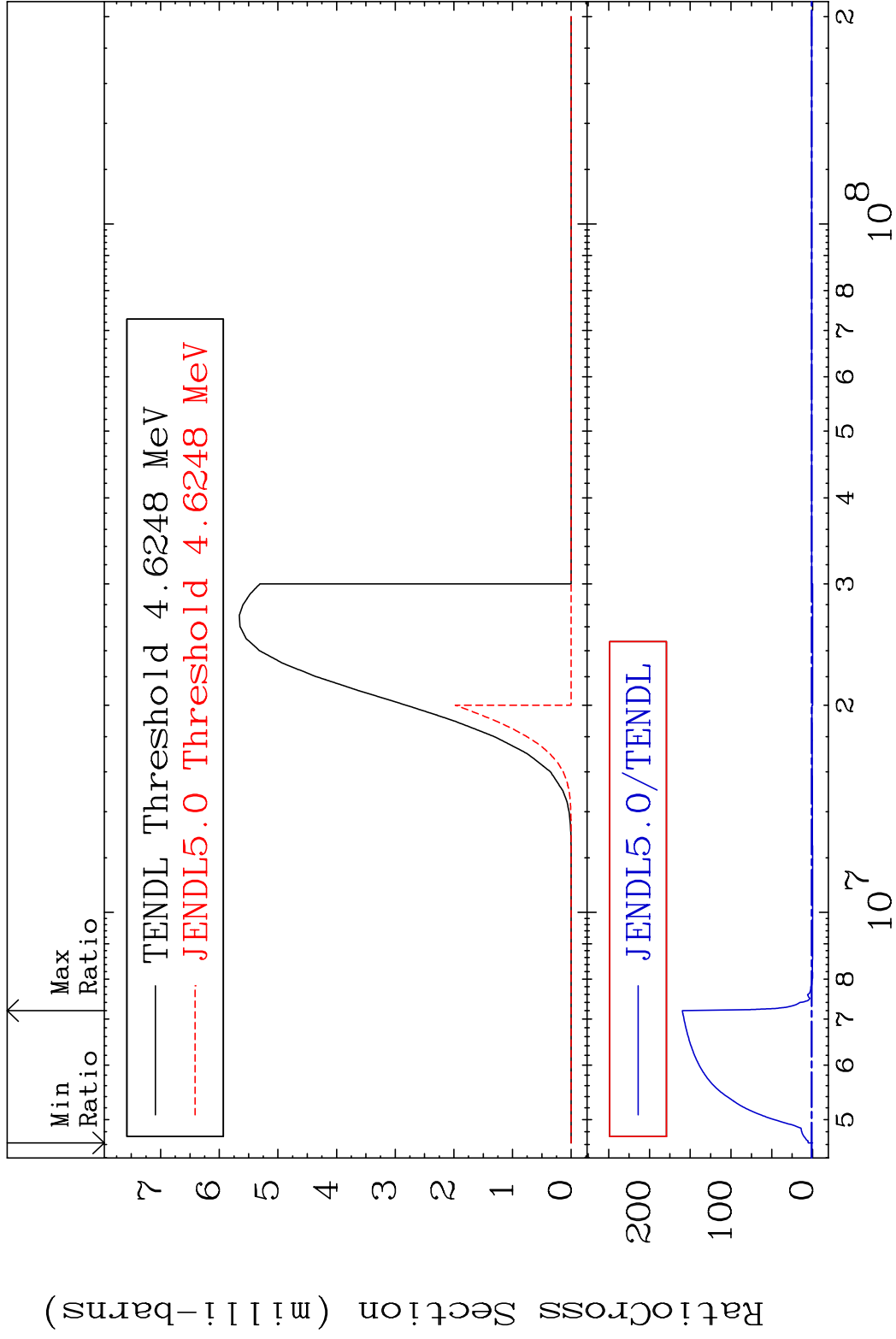


MAT 7725

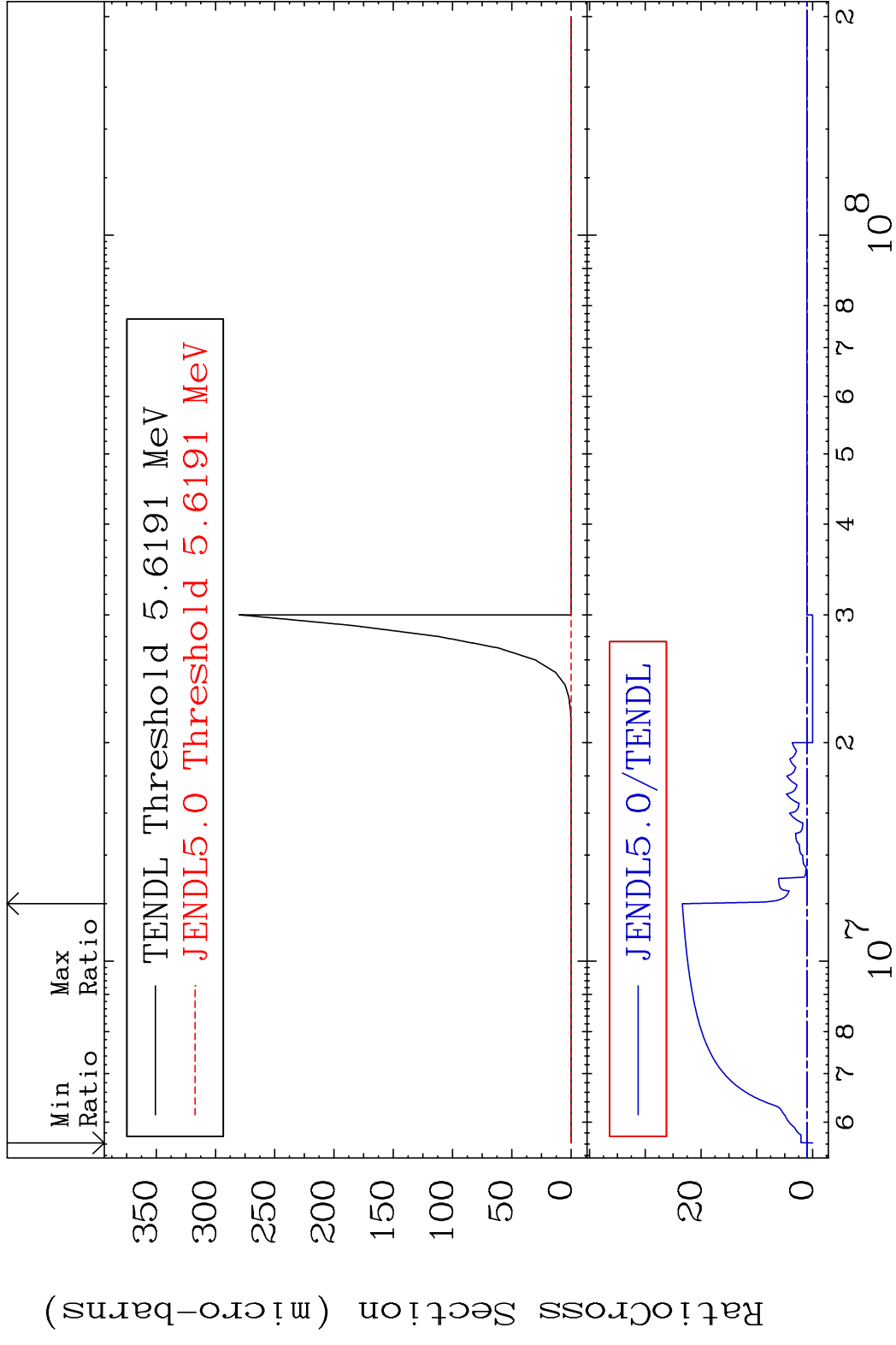
(n, t)

77-Ir-191

Cross Section -100.0 To 9999. %



MAT 7725 (n, He-3) 77-Ir-191
 Cross Section -100.0 To 2235. %

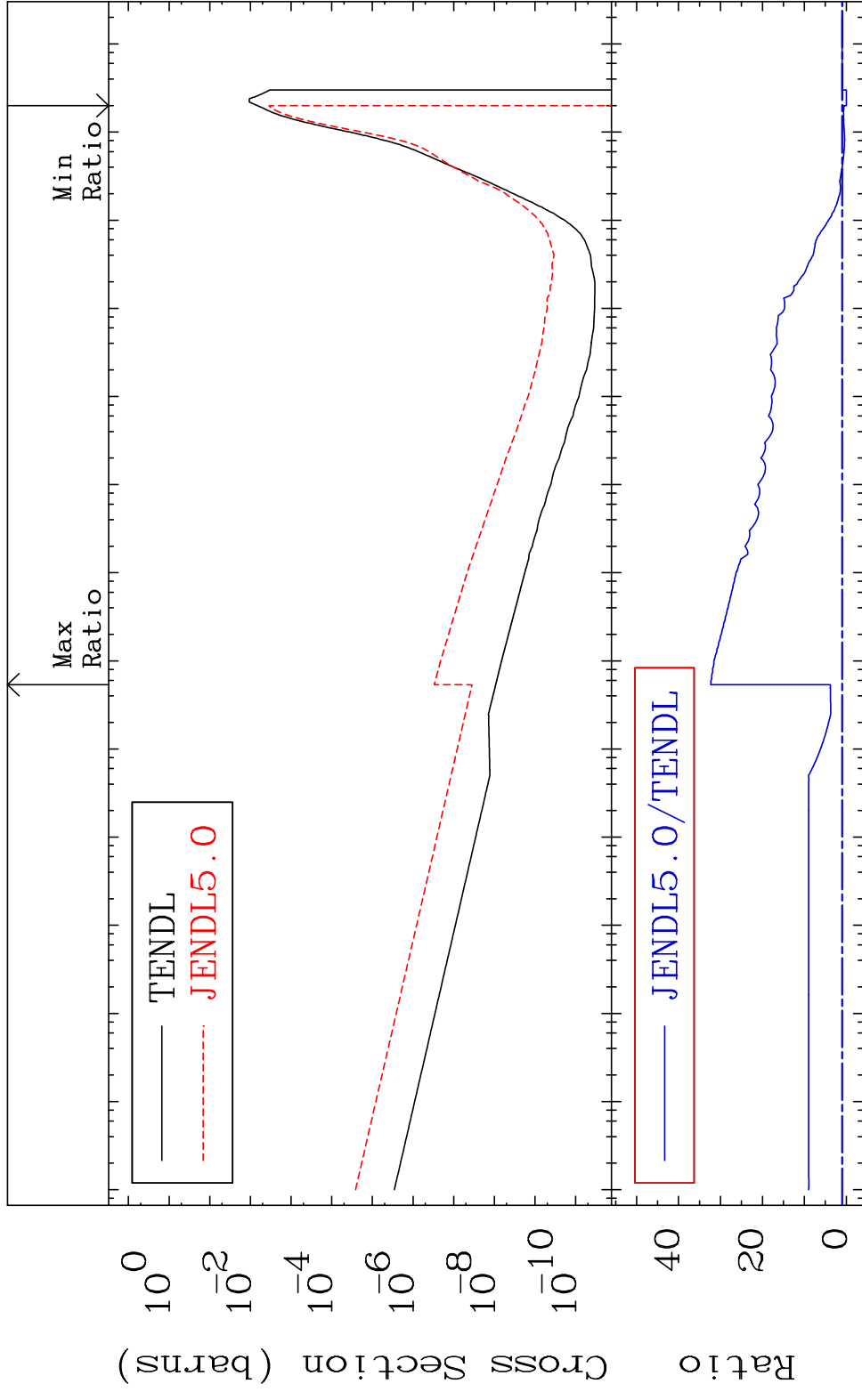


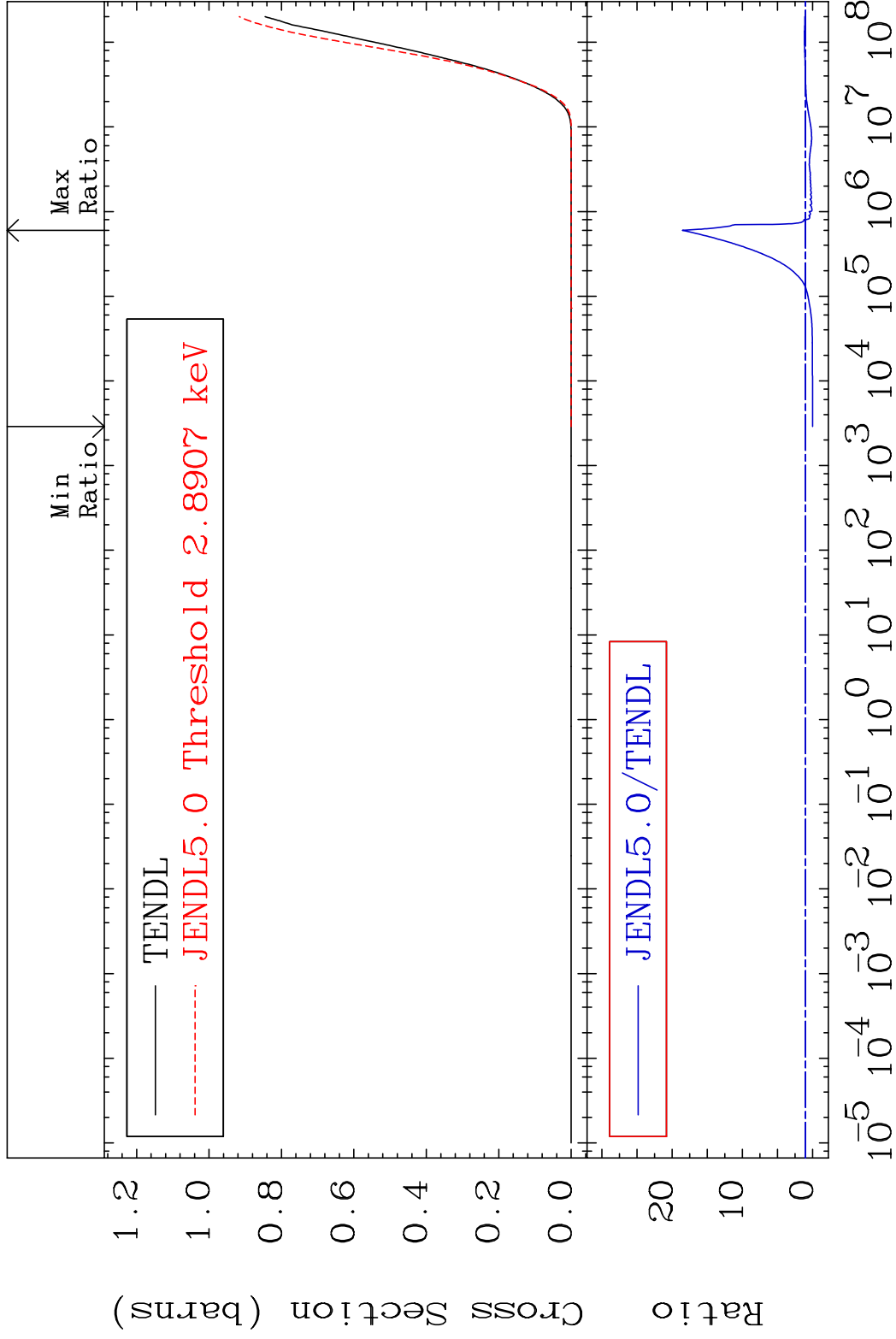
MAT 7725

77-Ir-191

(n, α)

Cross Section -100.0 To 3133. %



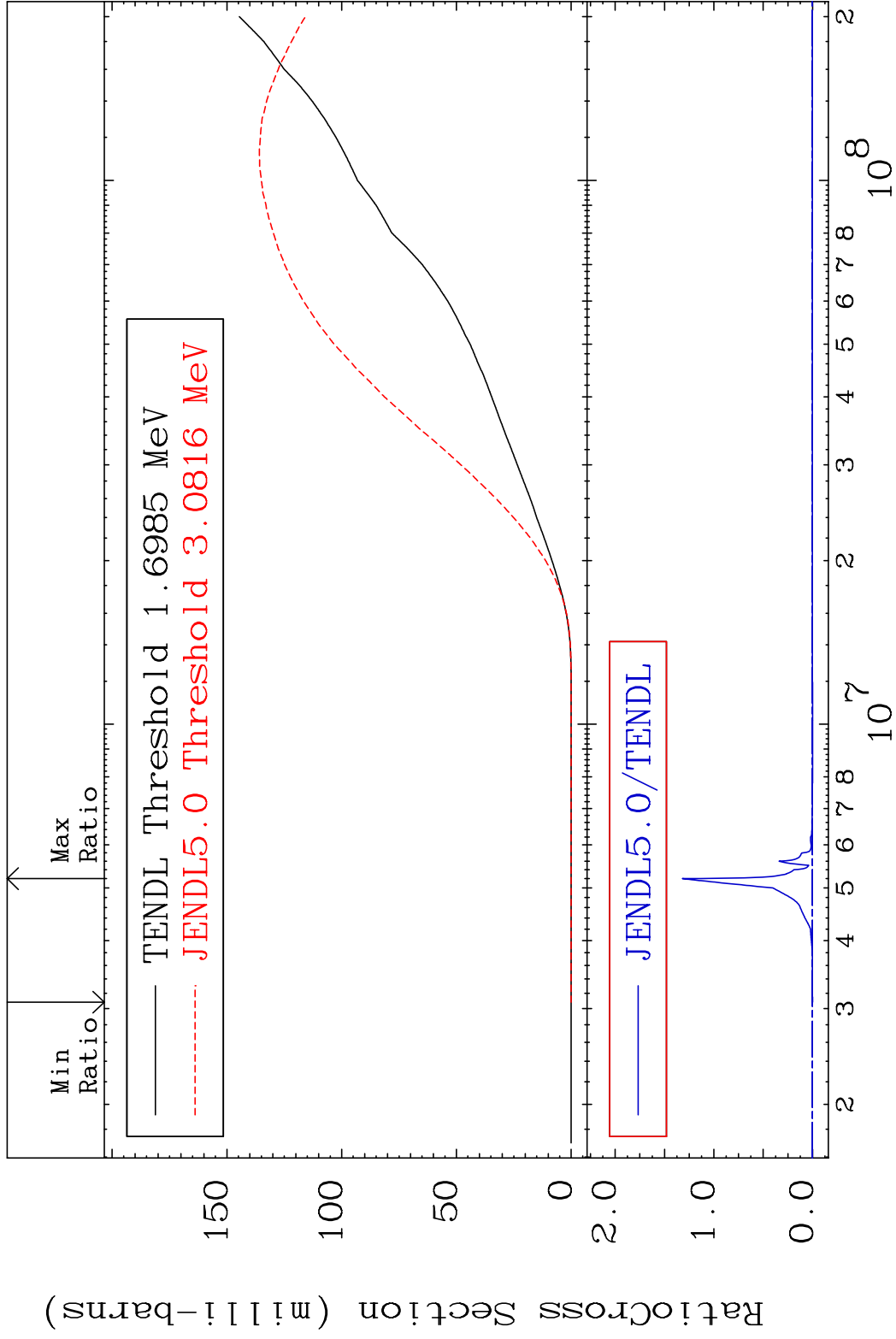


MAT 7725

Deuterium Production

77-Ir-191

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

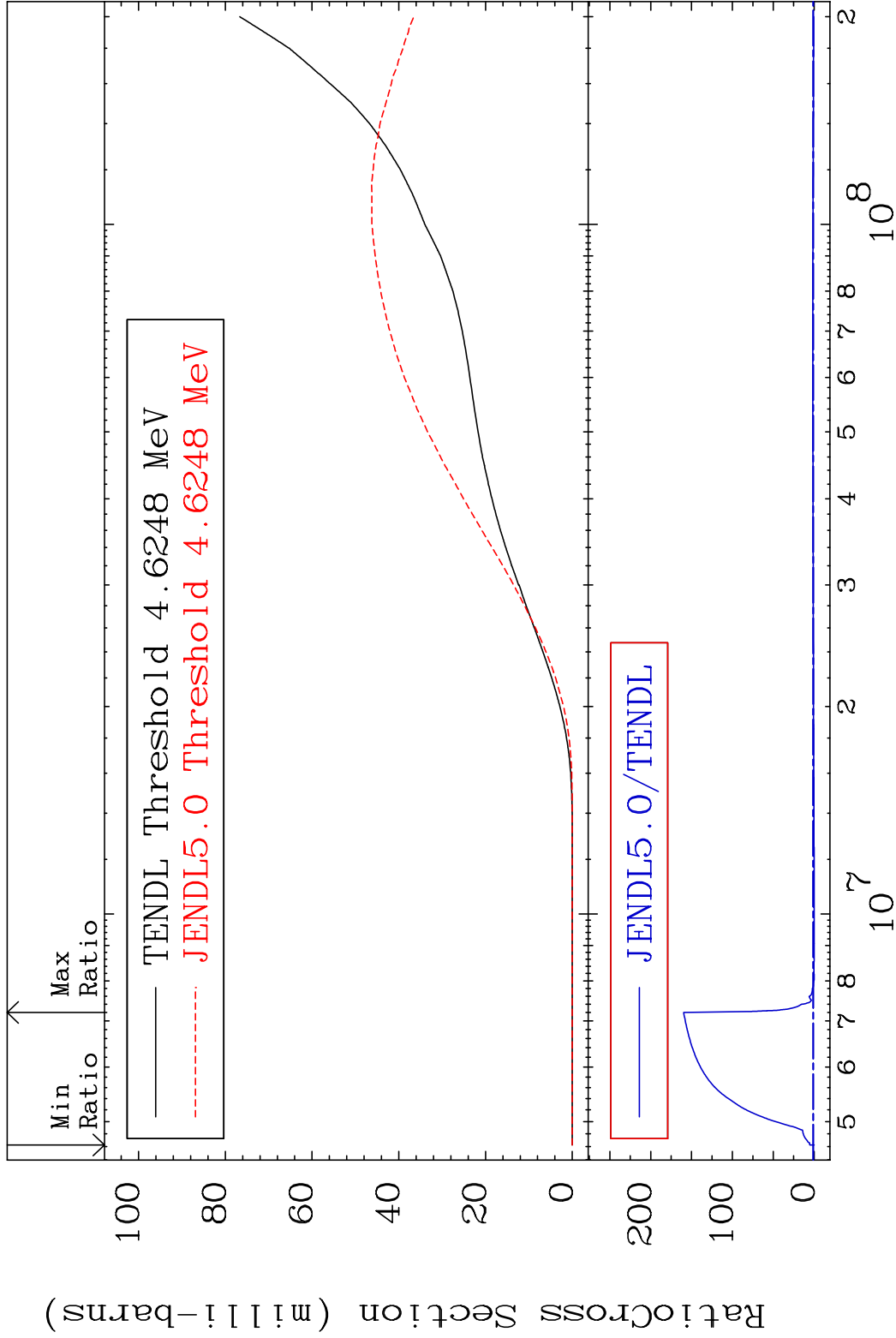
77-Ir-191

MAT 7725

Tritium Production

77-Ir-191

Cross Section -100.0 To 9999. %

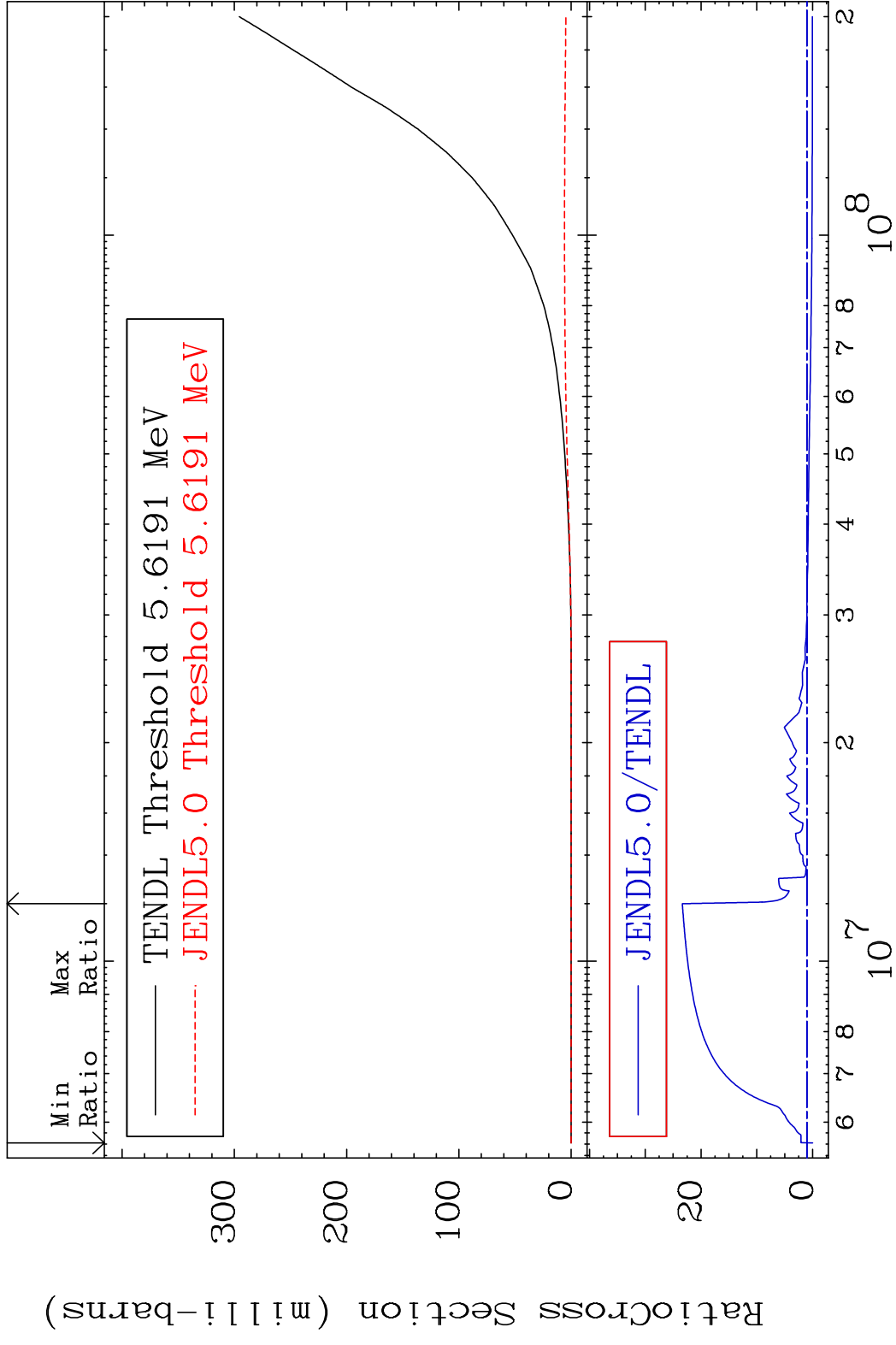


MAT 7725

He-3 Production

77-Ir-191

Cross Section -100.0 To 2235. %



39

Incident Energy (eV)

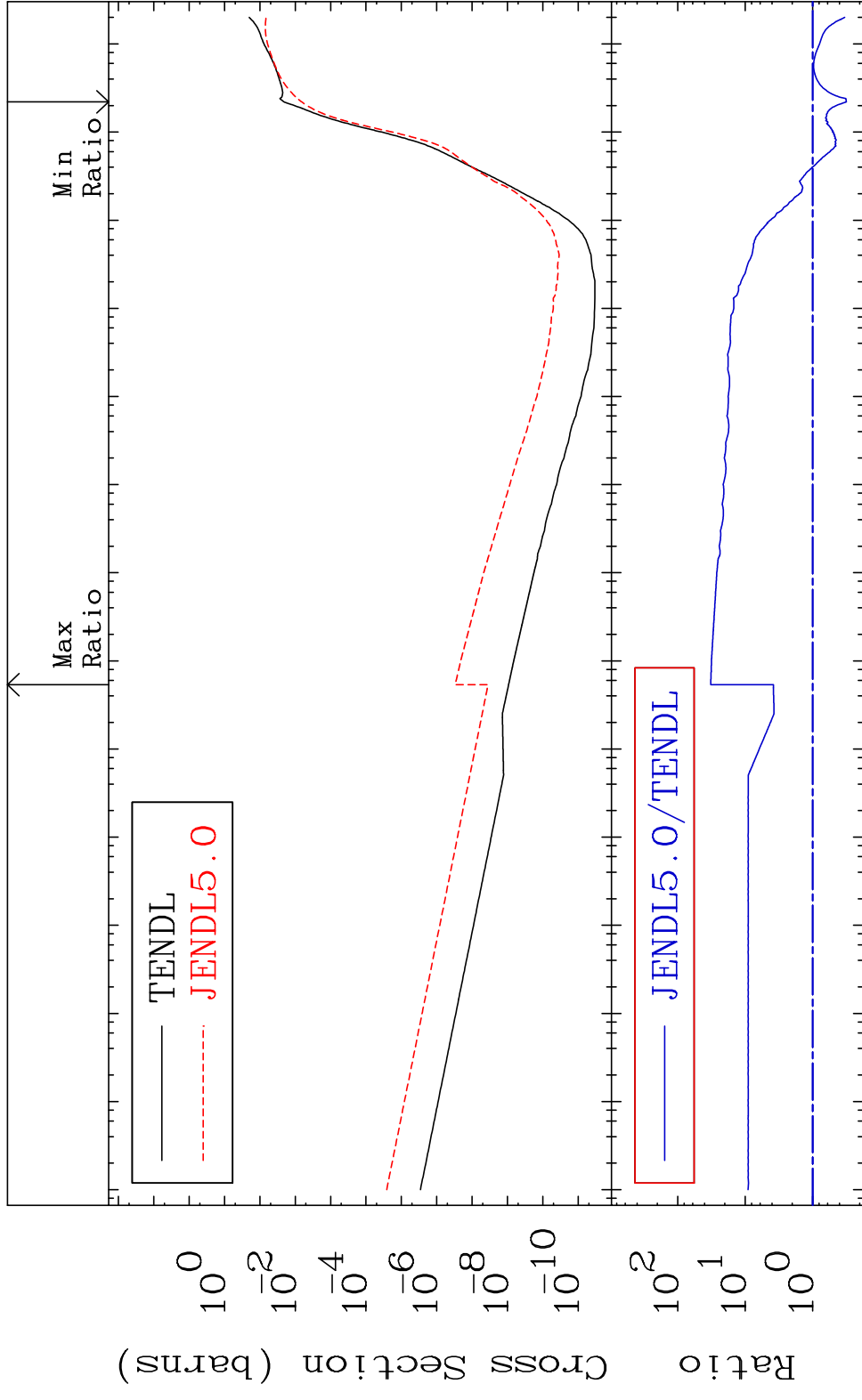
77-Ir-191

MAT 7725

He-4 Production

77-Ir-191

Cross Section -68.45 To 3133. %

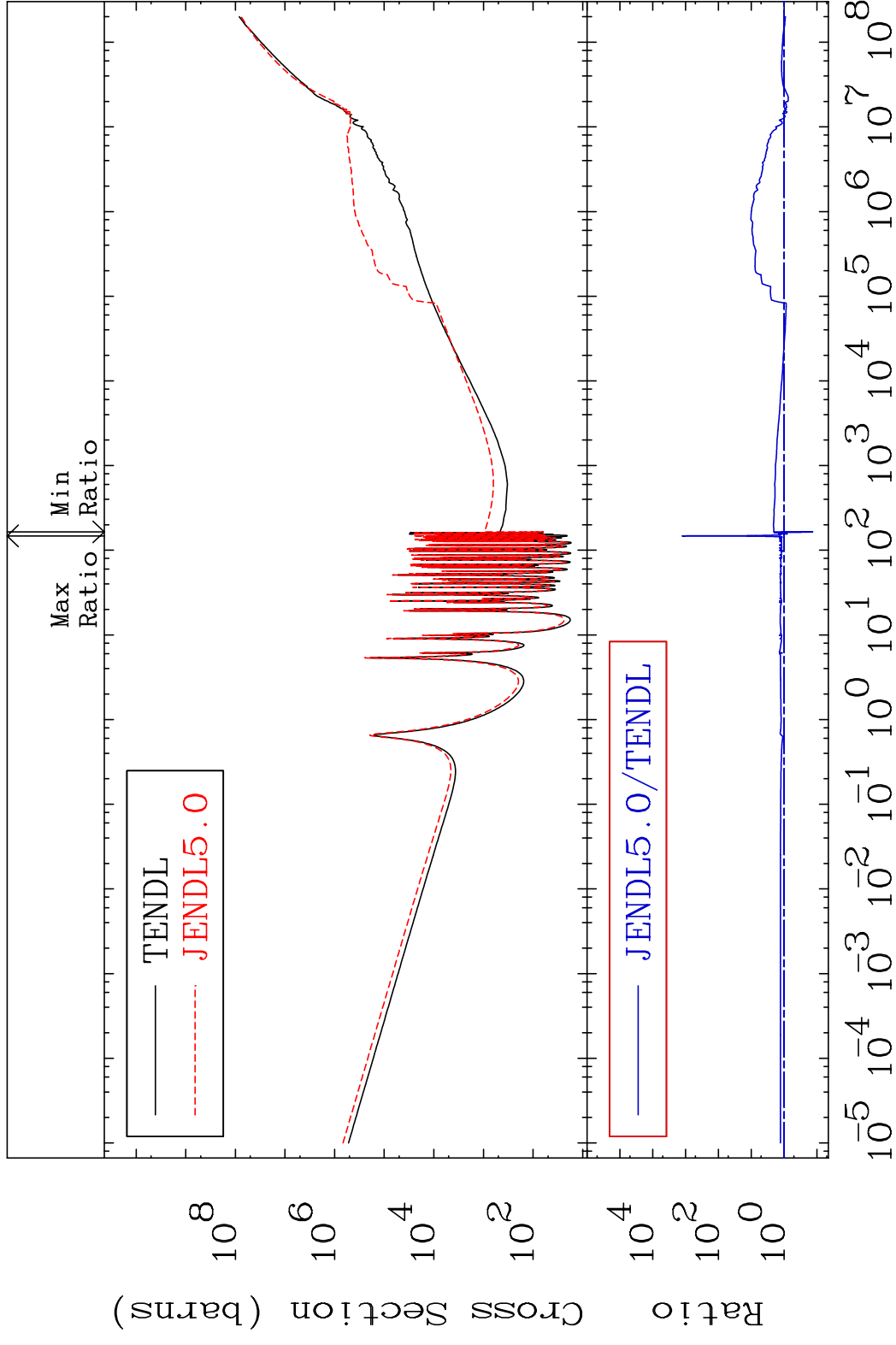


40

Incident Energy (eV)

77-Ir-191

MAT 7725 Kerma total (eV-barns) 77-Ir-191
 Cross Section -86.43 To 9999. %

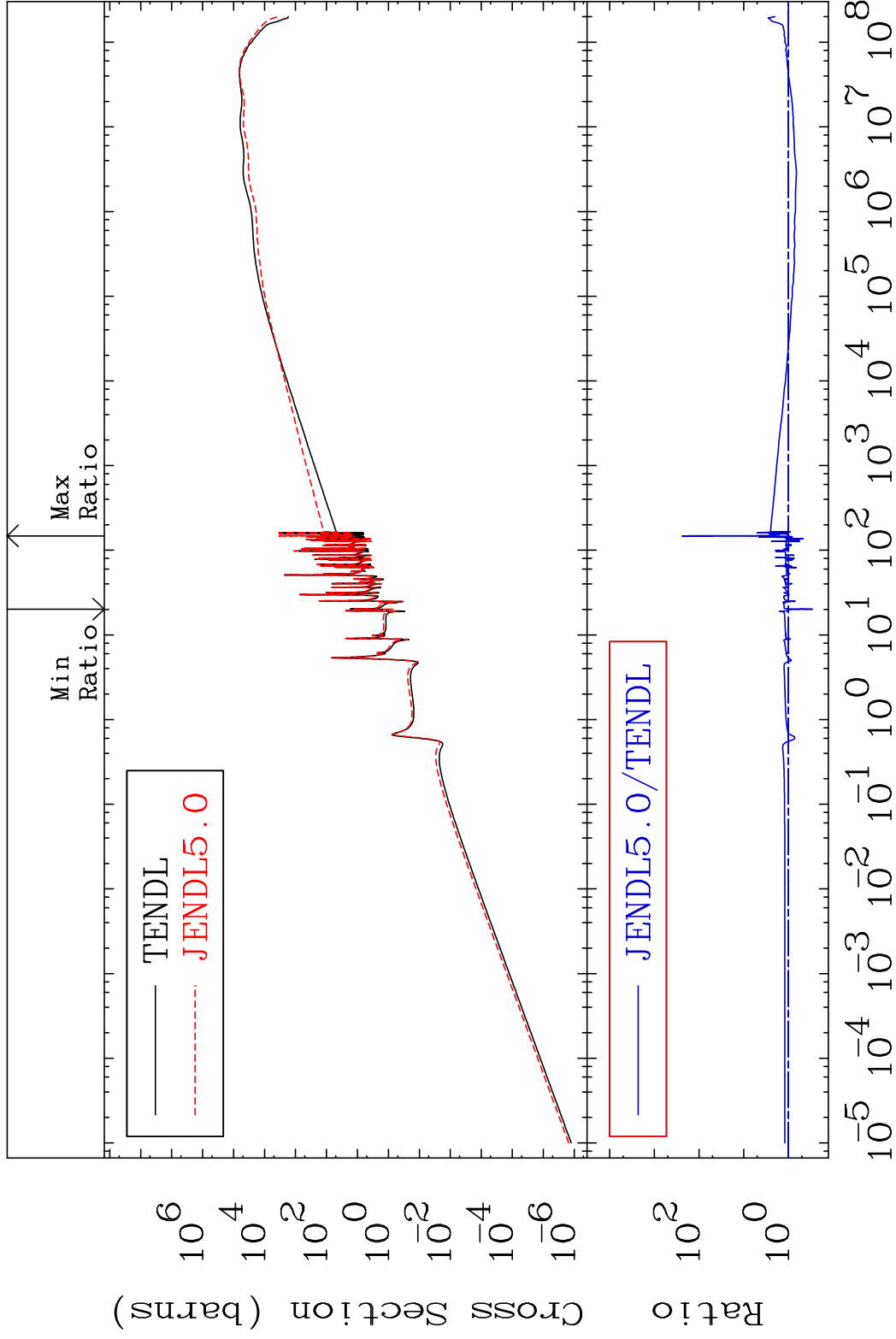


MAT 7725

Kerma elastic

77-Ir-191

Cross Section -71.10 To 9999. %

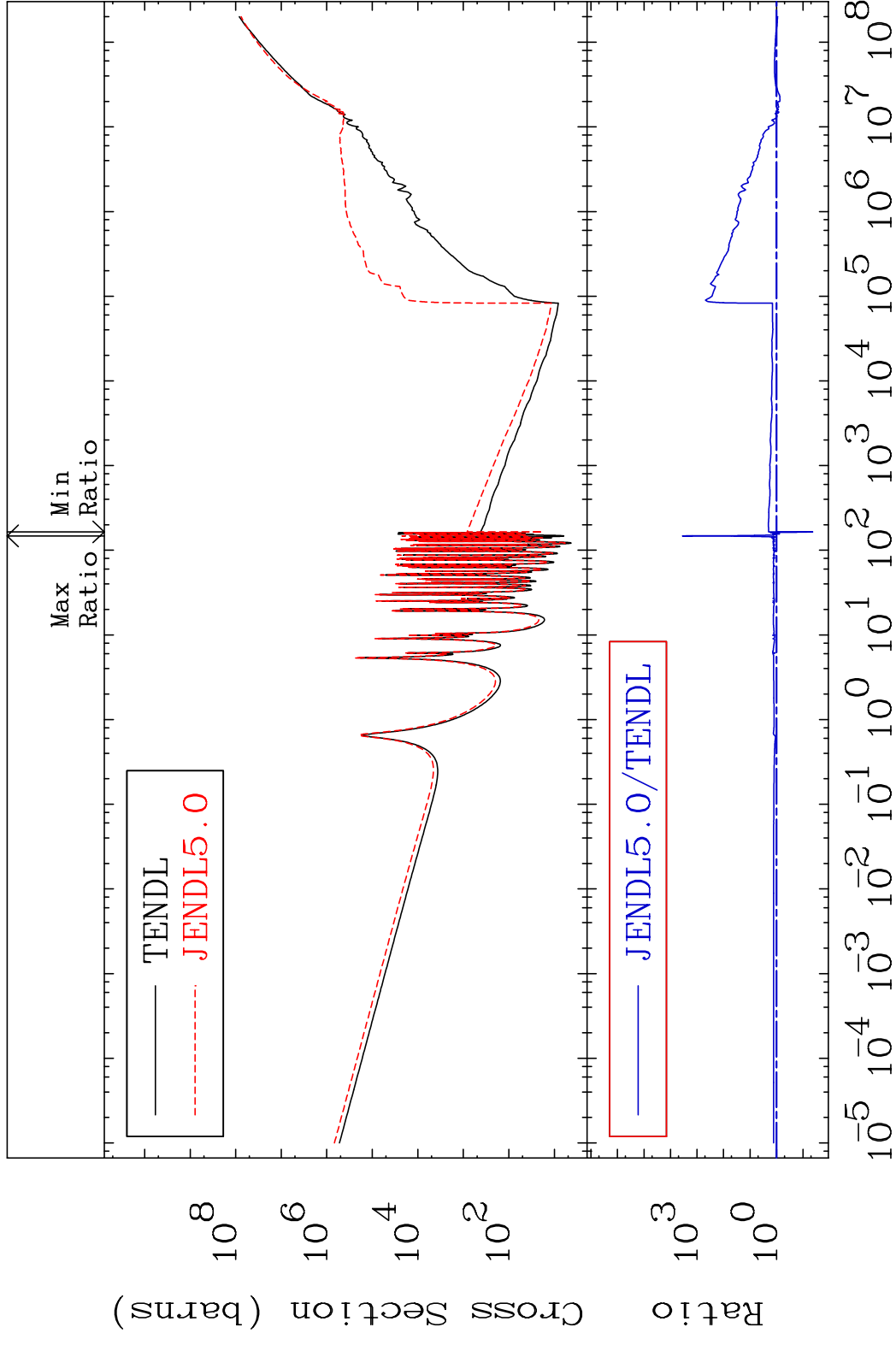


42

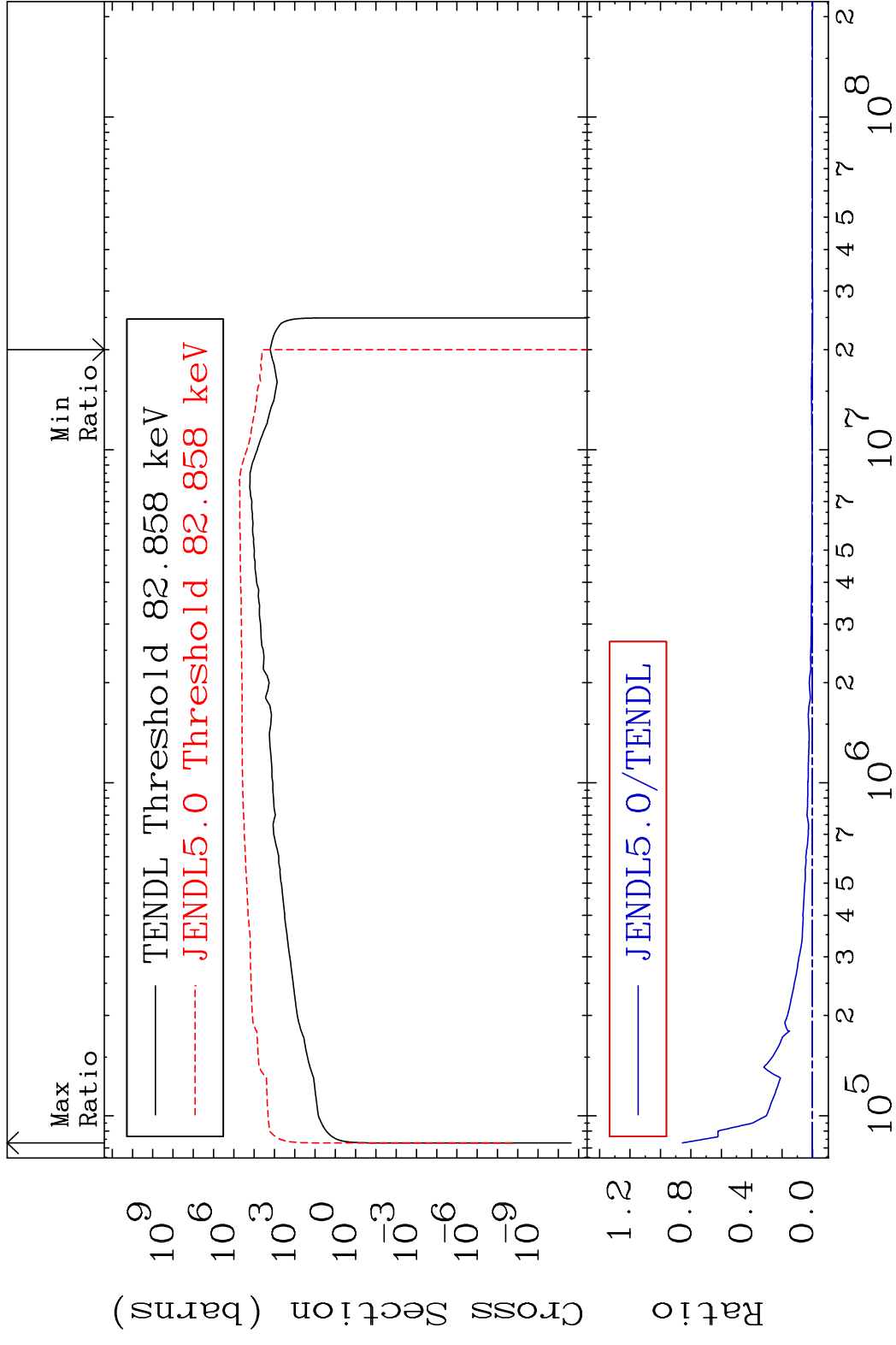
Incident Energy (eV)

77-Ir-191

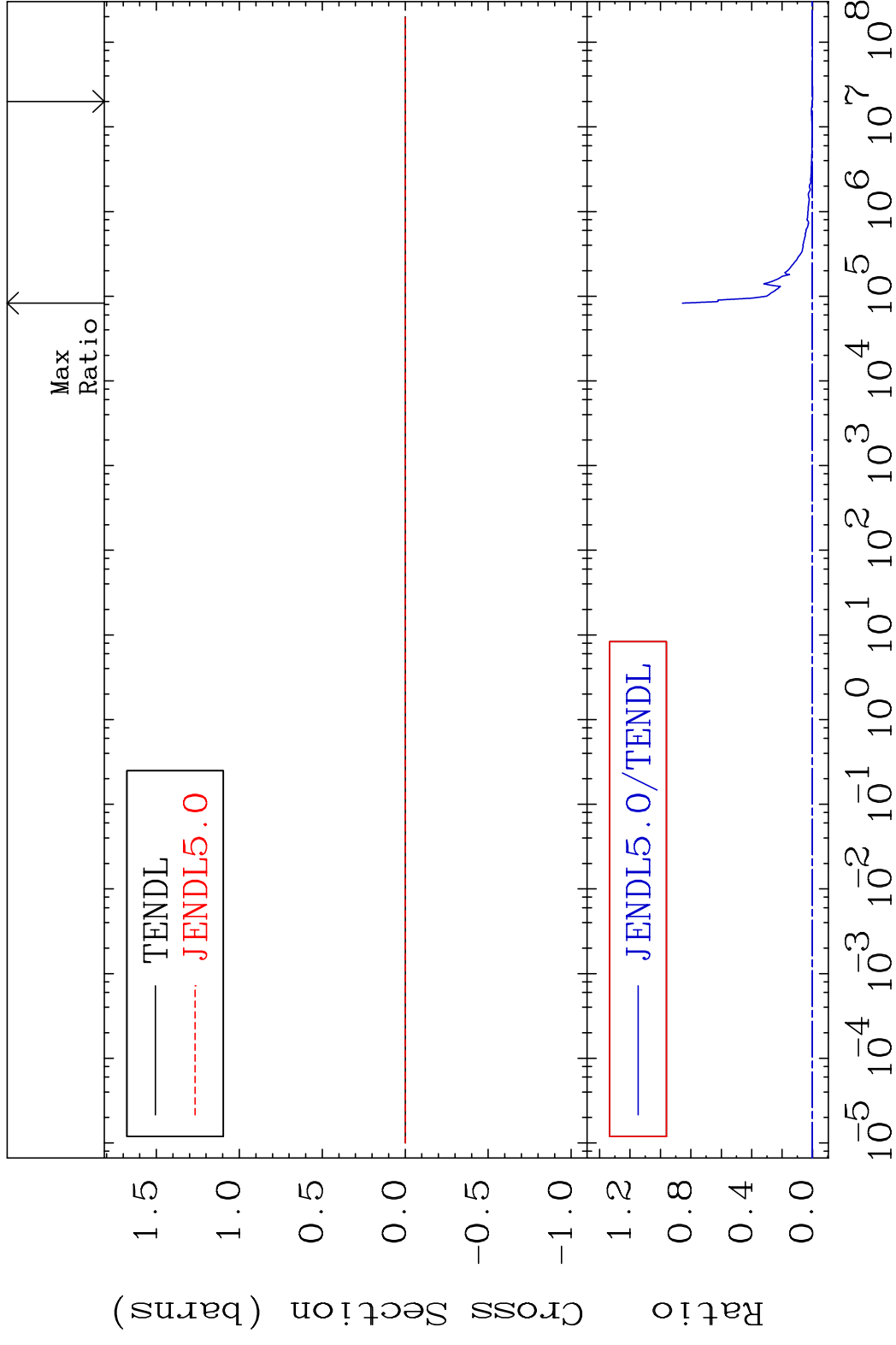
MAT 7725 Kerma non-elastic (all but mt2) 77-Ir-191
 Cross Section -95.61 To 9999. %



MAT 7725 Kerma inelastic (mt51-91) 77-Ir-191
 Cross Section -100.0 To 9999. %



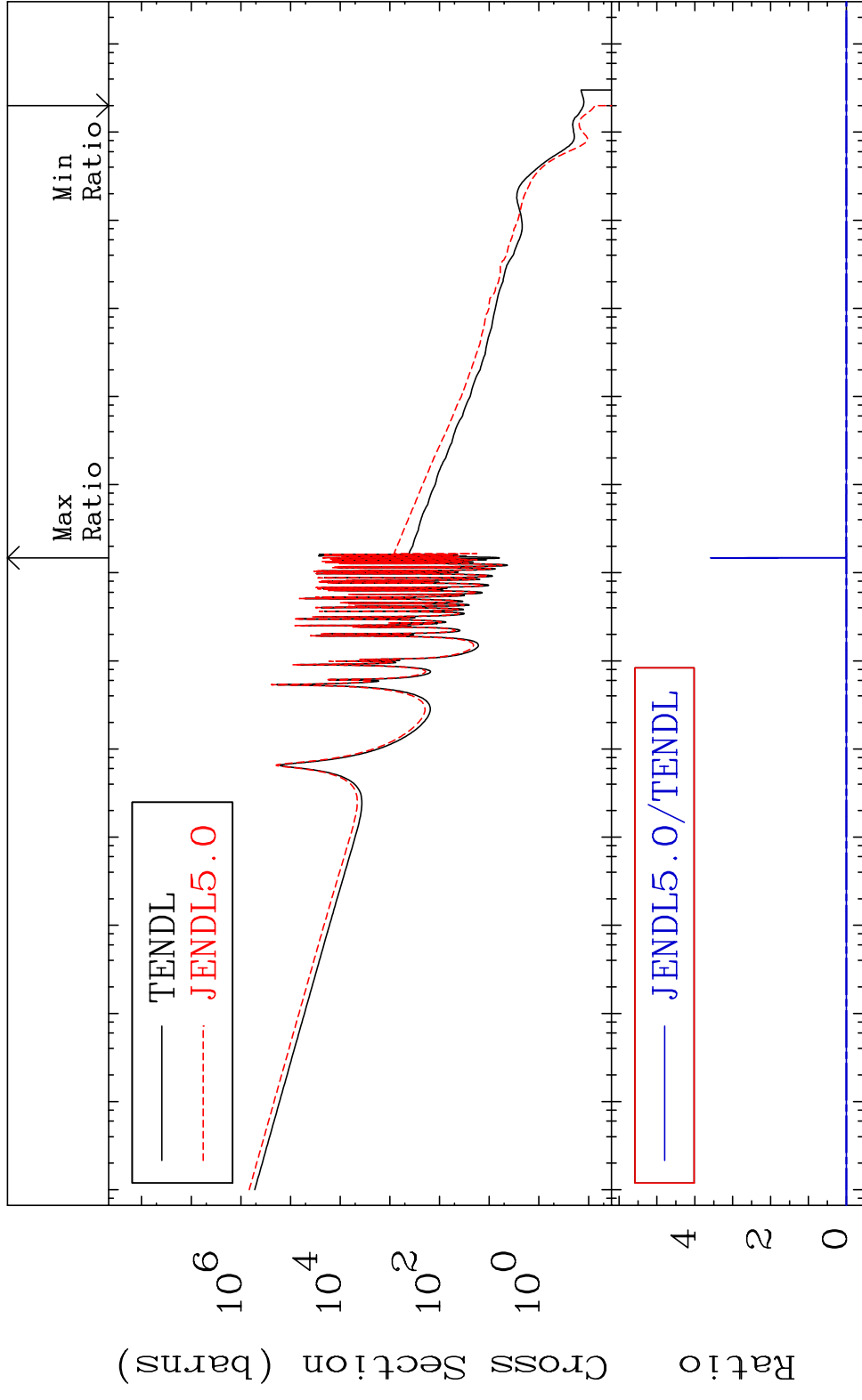
MAT 7725 Kerma fission (mt18 or mt19-20-21-38)77-Ir-191
 Cross Section -100.0 To 9999. %



MAT 7725

Kerma capture (mt102) 77-Ir-191

Cross Section -100.0 To 9999. %



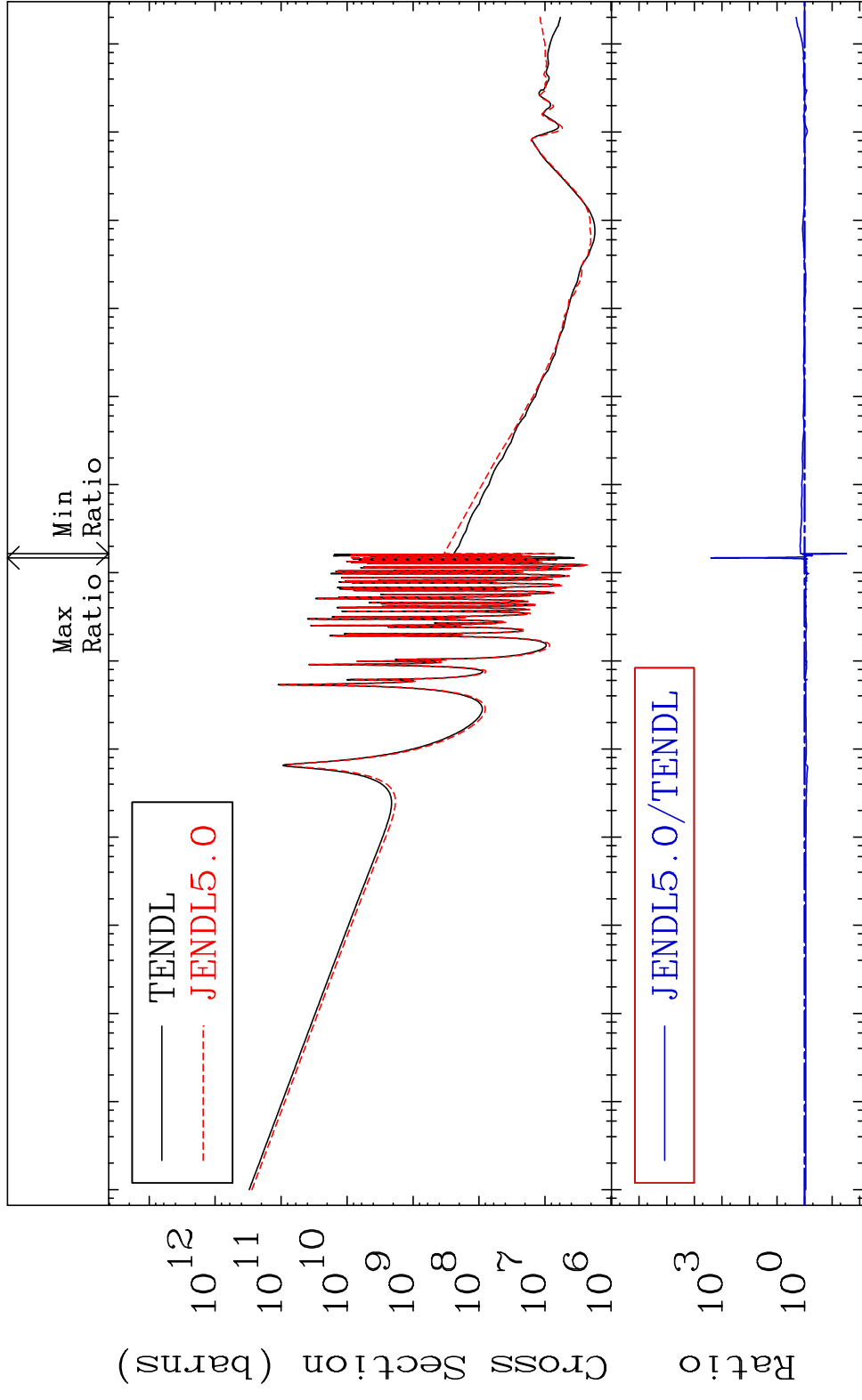
46

Incident Energy (eV)

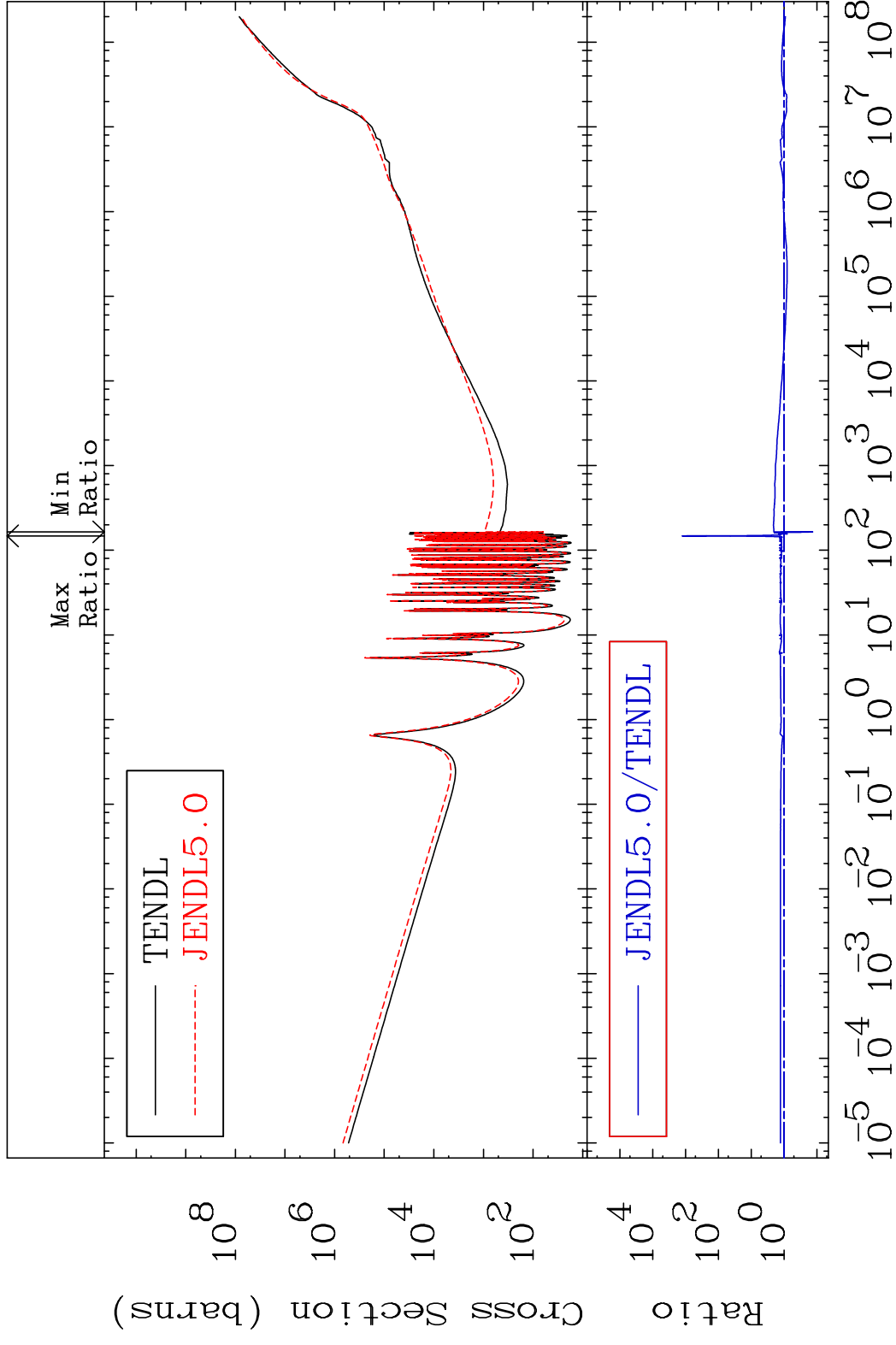
77-Ir-191

MAT 7725

Total photon (eV-barns) 77-Ir-191
Cross Section -96.94 To 9999. %



MAT 7725 Total kinematic kerma (high limit) 77-Ir-191
 Cross Section -86.43 To 9999. %

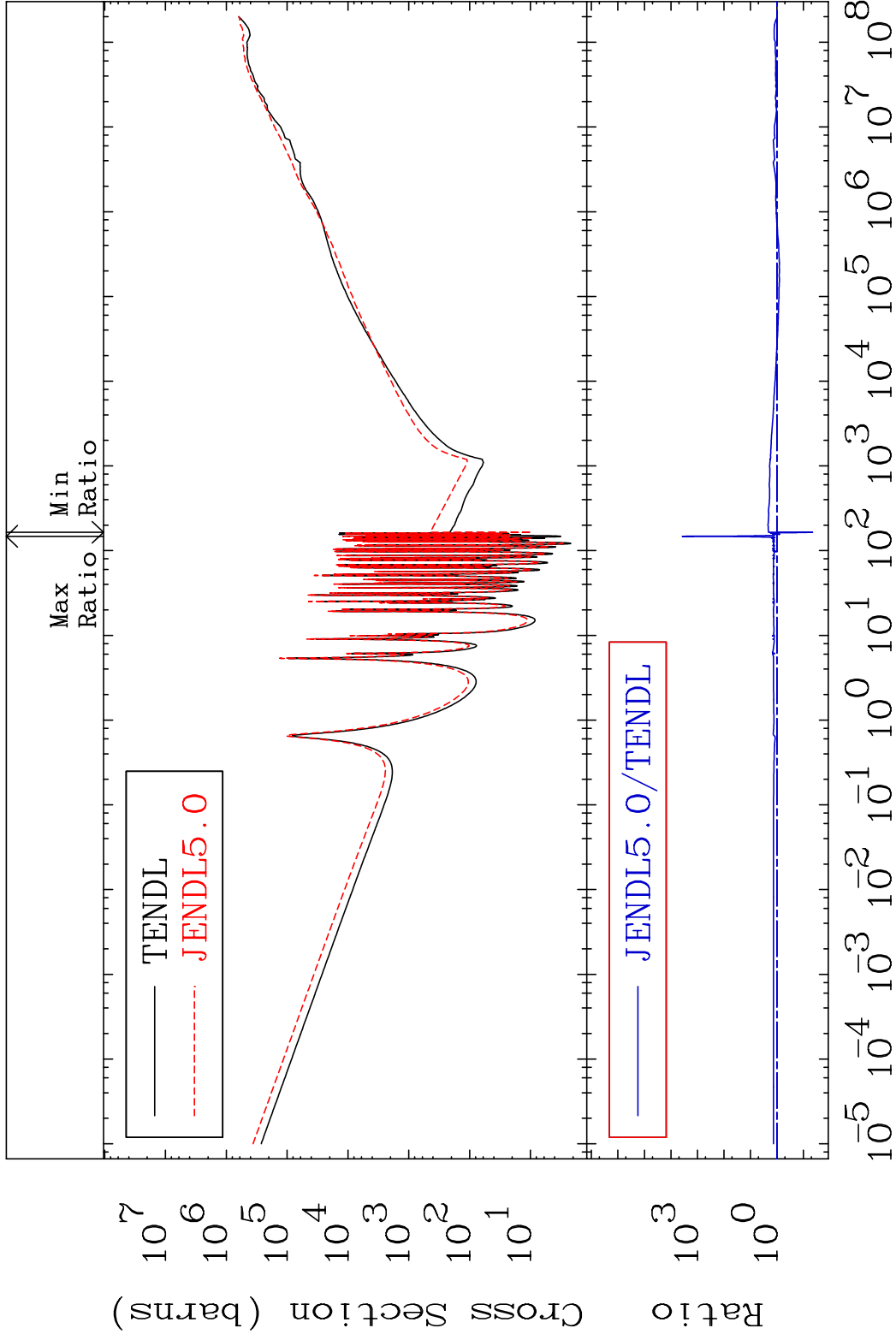


MAT 7725

Dpa total (eV-barns)

77-Ir-191

Cross Section -95.44 To 9999. %



49

Incident Energy (eV)

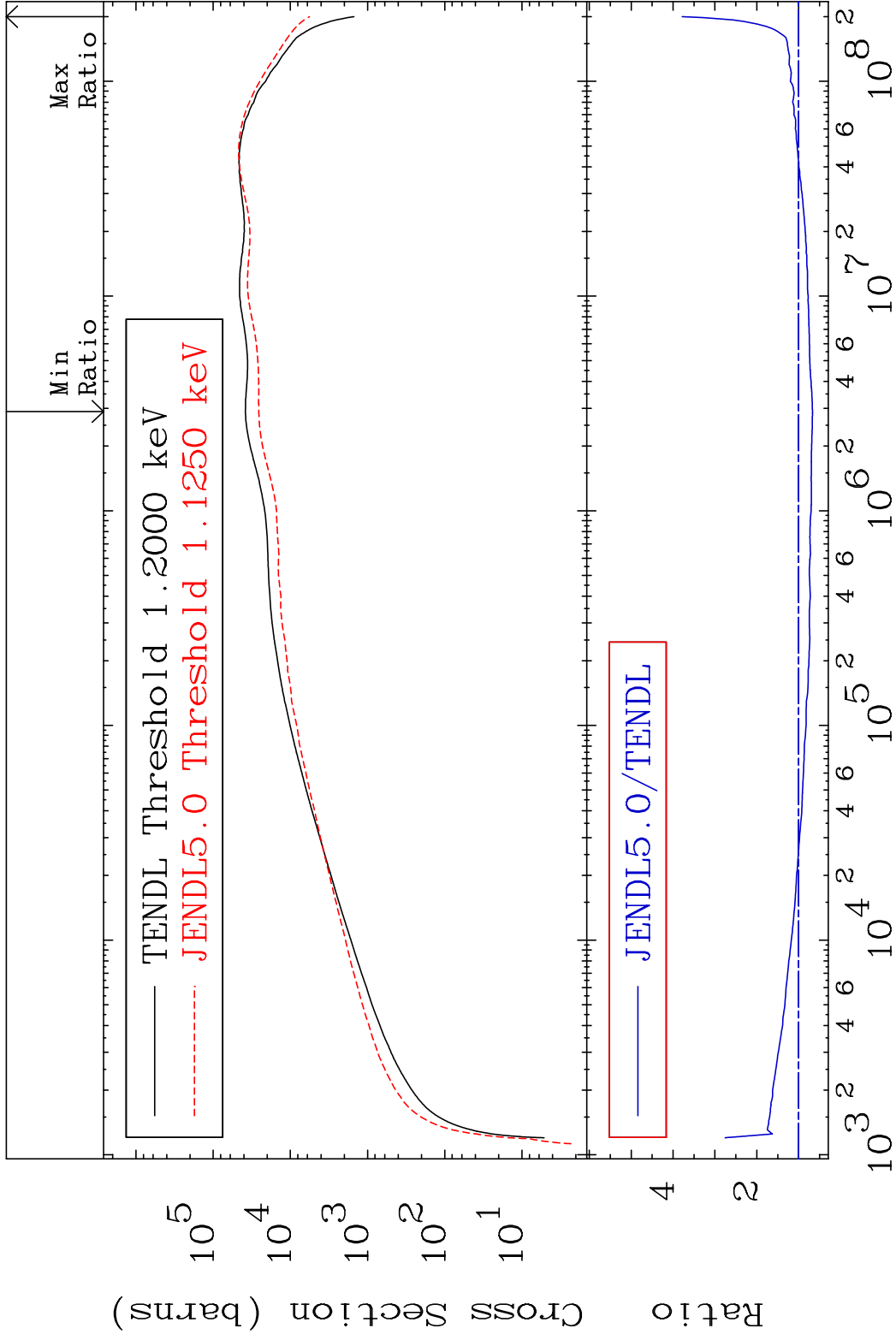
77-Ir-191

MAT 7725

Dpa elastic (mt2)

77-Ir-191

Cross Section -33.01 To 278.3 %



50

Incident Energy (eV)

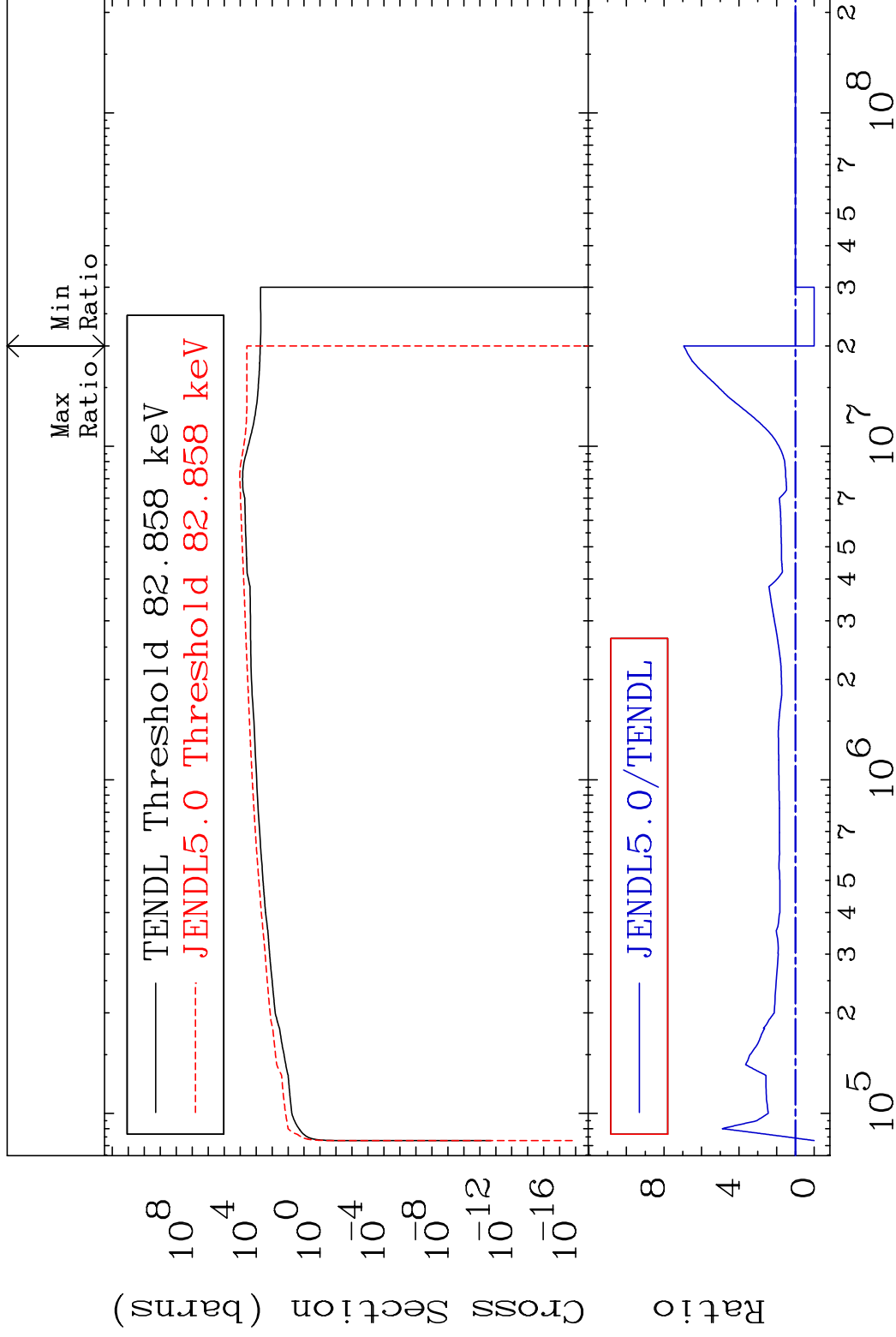
77-Ir-191

MAT 7725

Dpa inelastic (mt51-91)

77-Ir-191

Cross Section -100.0 To 595.1 %

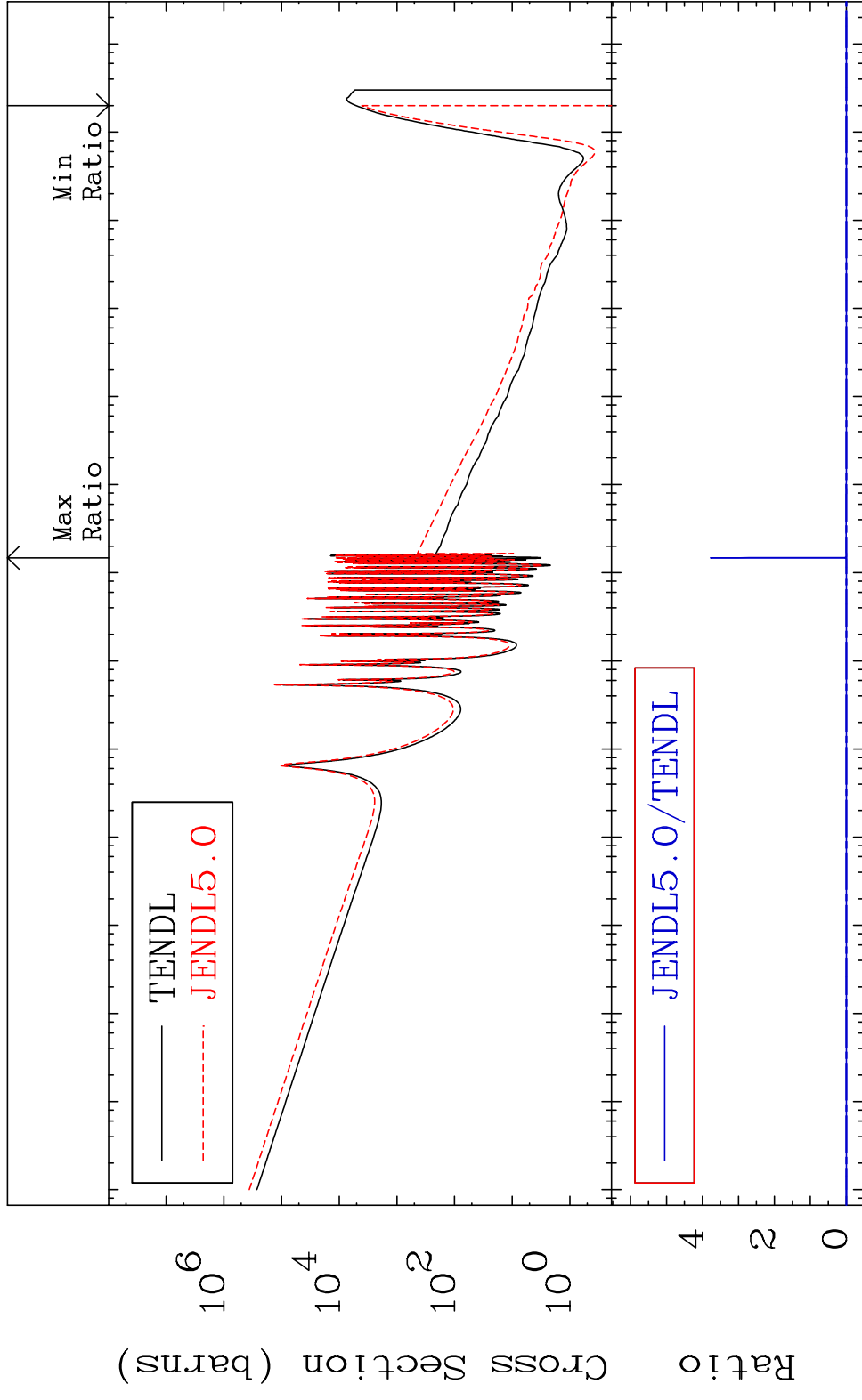


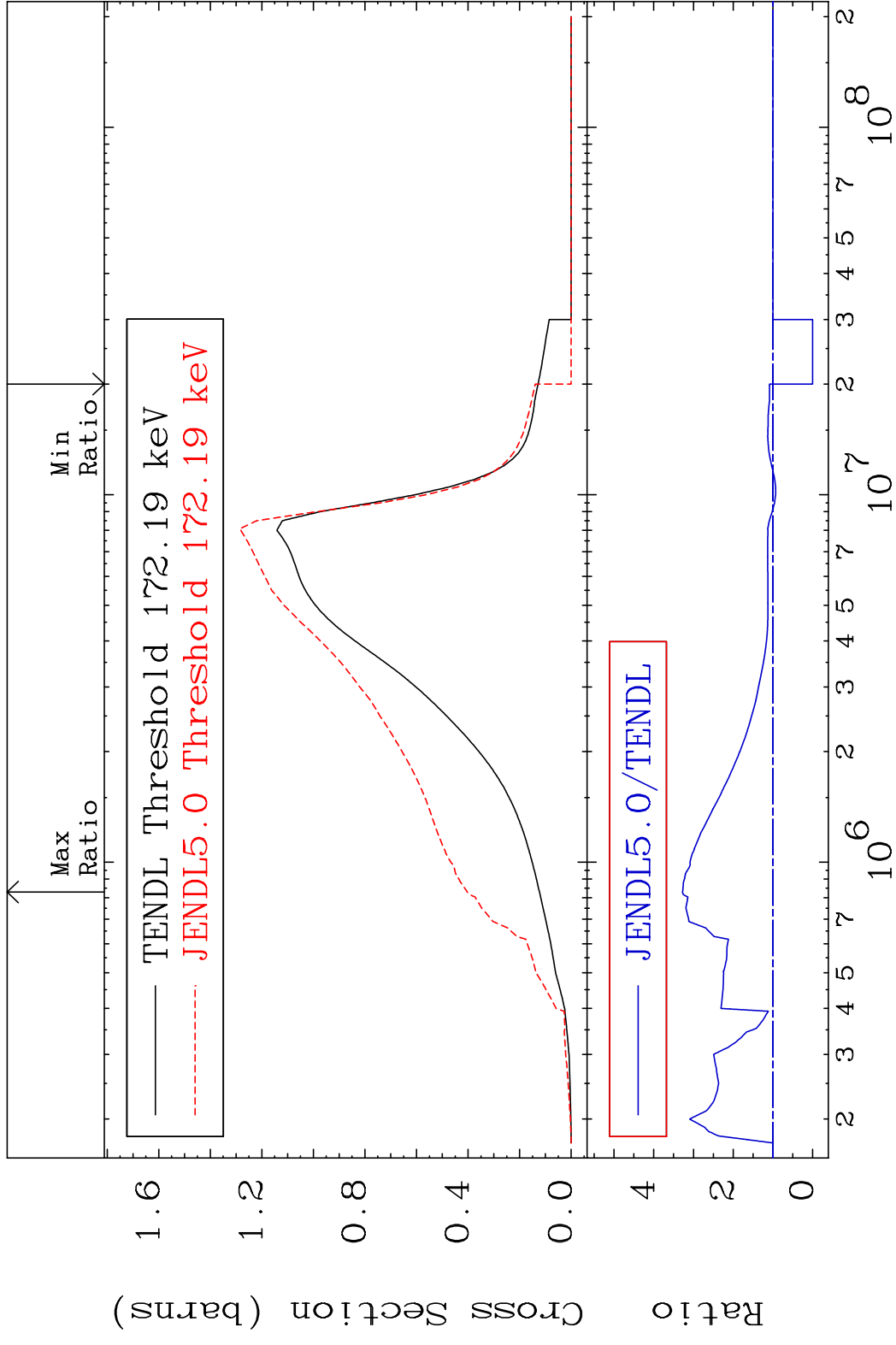
51

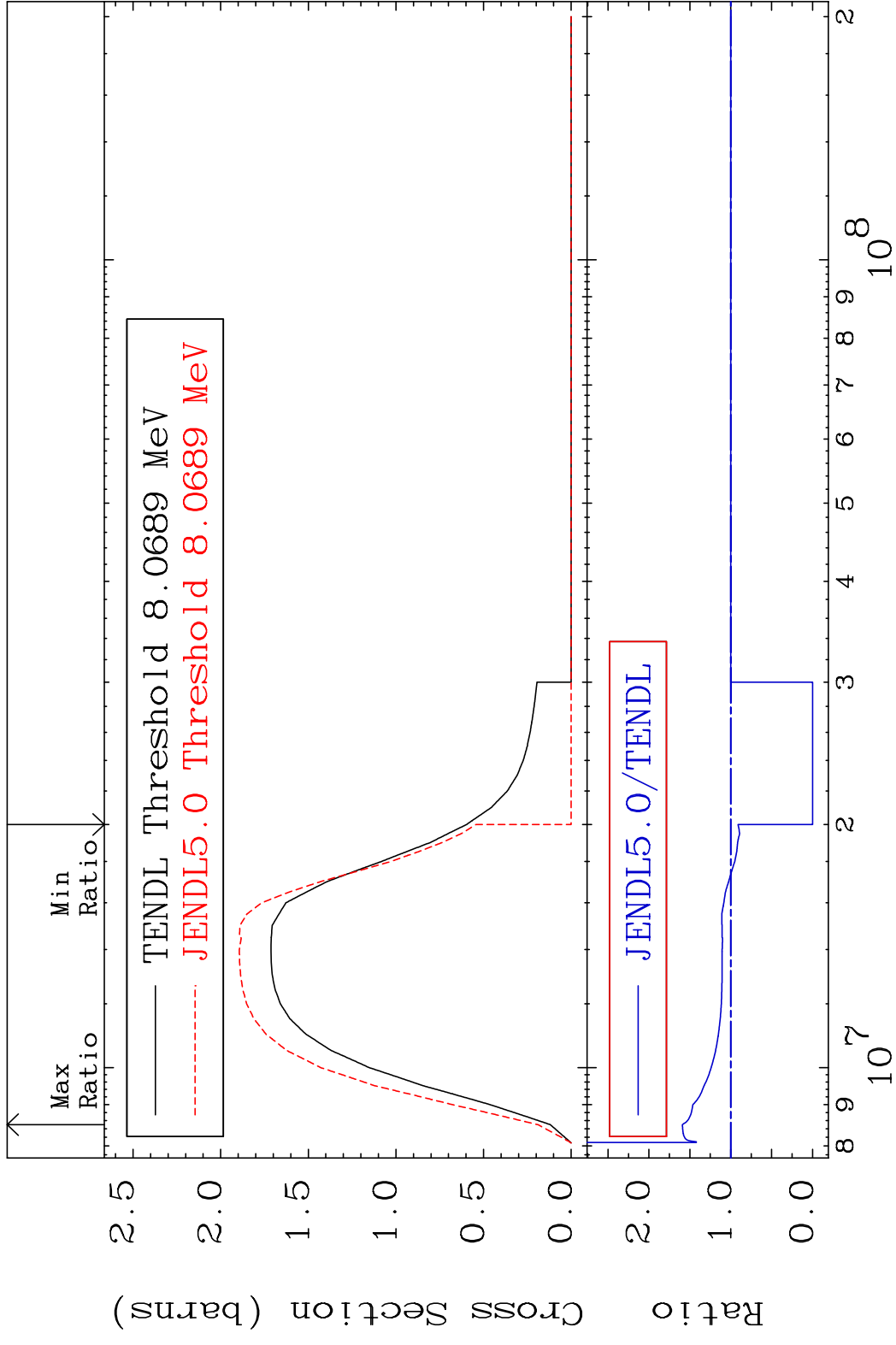
Incident Energy (eV)

77-Ir-191

MAT 7725 Dpa disappearance (mt102 -120) 77-Ir-191
 Cross Section -100.0 To 9999. %







MAT 7725 (n, 2n): 77-Ir-190m2 77-Ir-191
 Radionuclide Production Cross Section 180.01 dth 16.25 %

