

Program Complot
(Version 2021-1)

by

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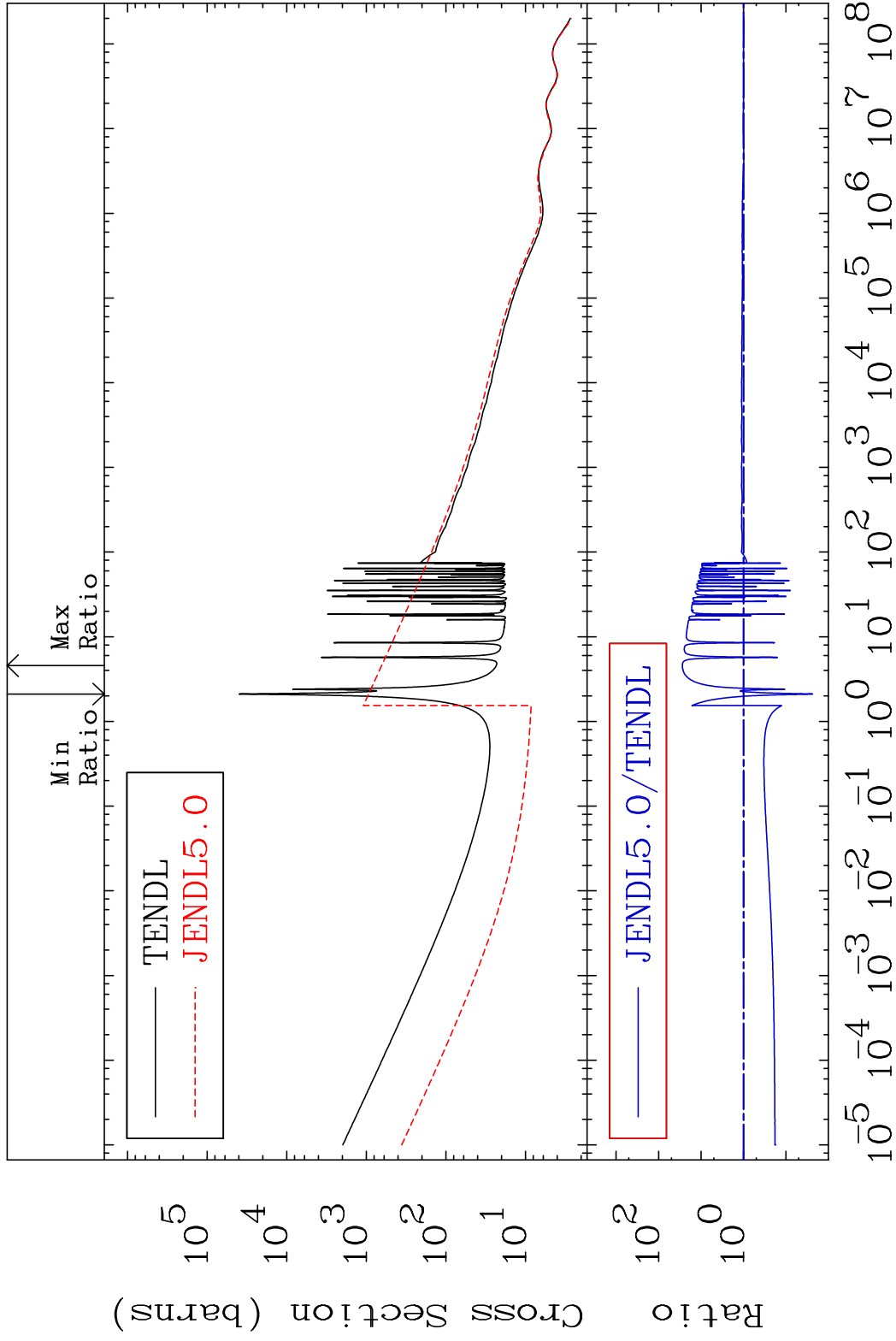
Press Mouse Button to Start

MAT 7334

Total

73-Ta-183

Cross Section -97.63 To 2655. %



1

Incident Energy (eV)

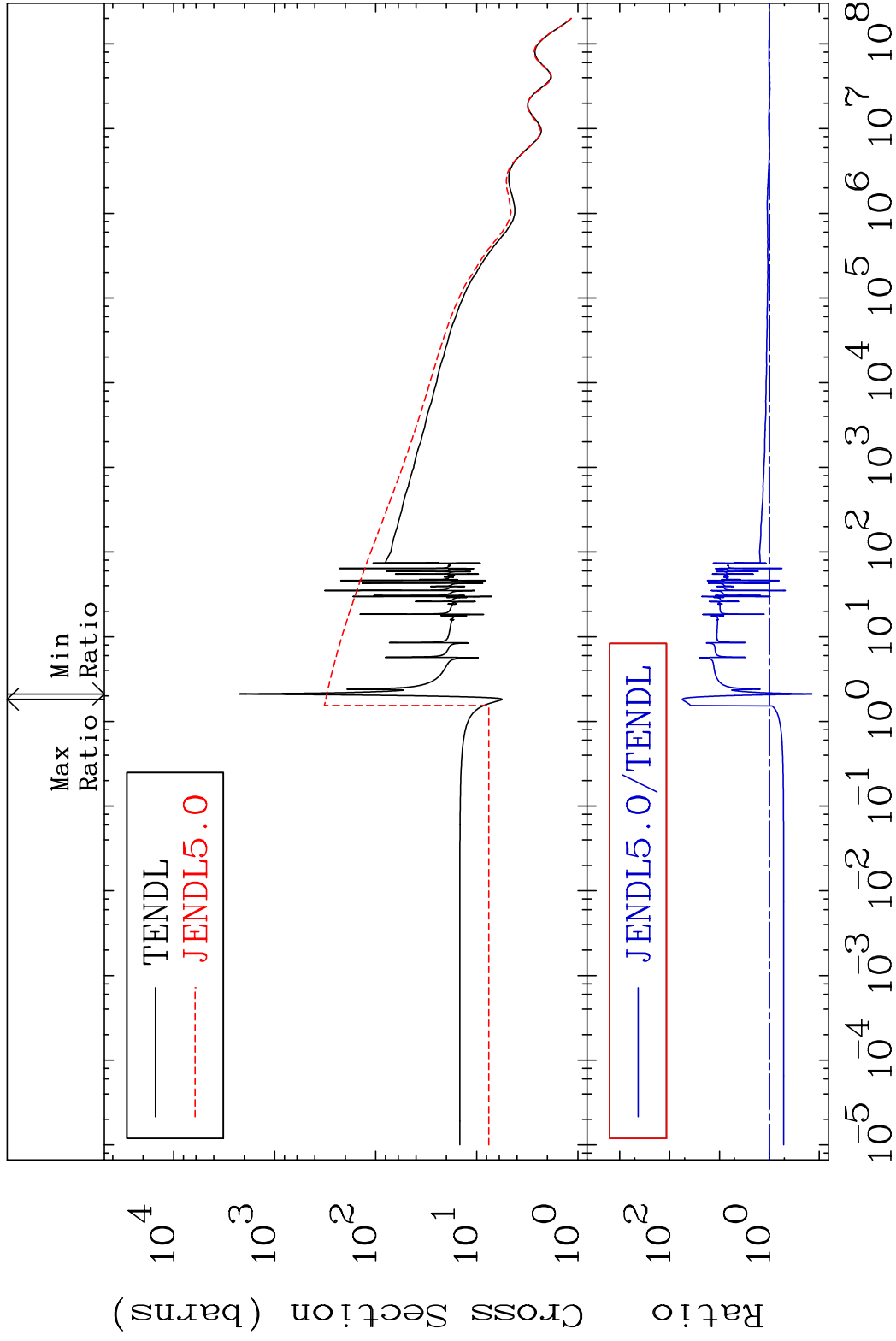
73-Ta-183

MAT 7334

Elastic

73-Ta-183

Cross Section -86.39 To 5448. %



2

Incident Energy (eV)

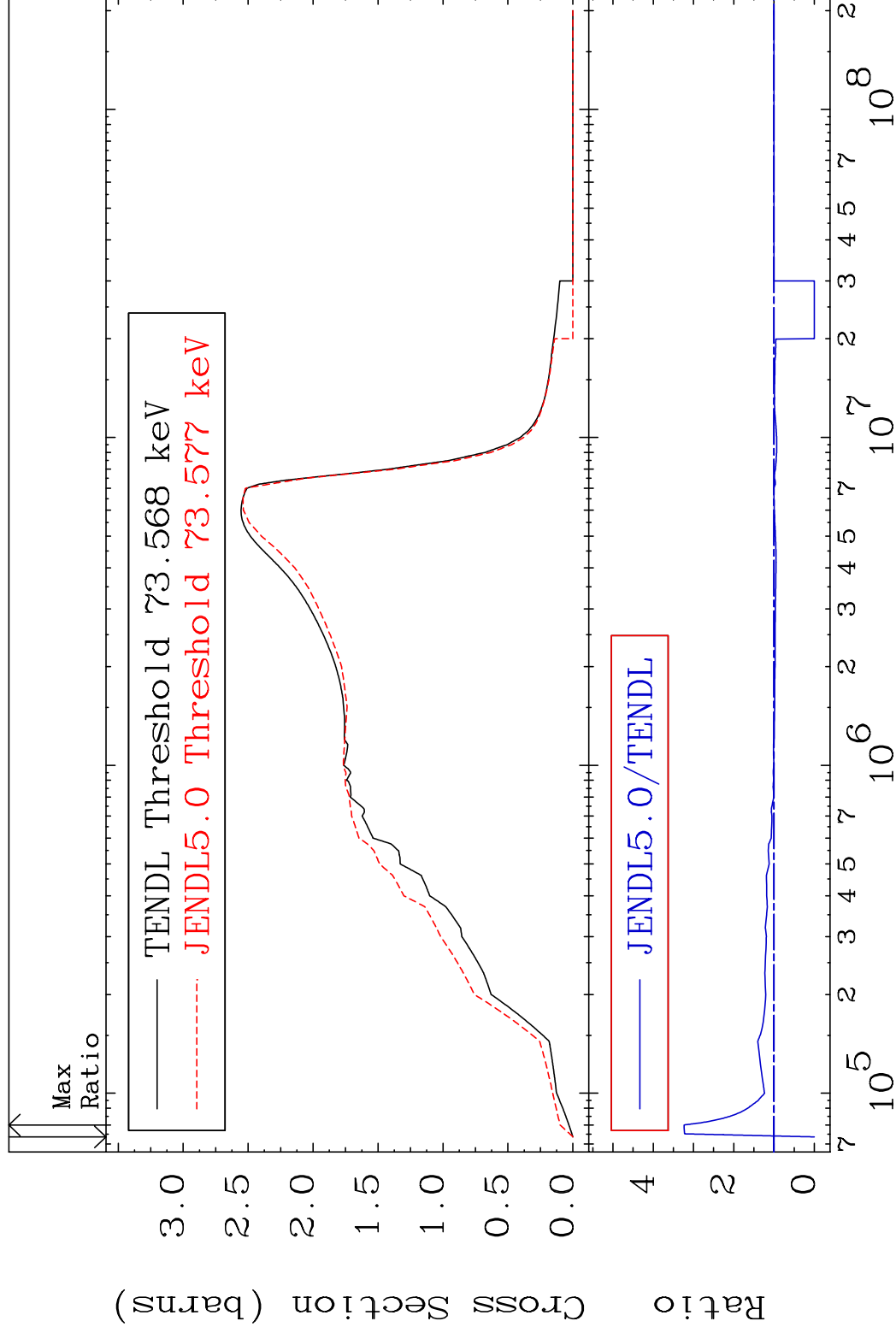
73-Ta-183

MAT 7334

Inelastic

73-Ta-183

Cross Section -100.0 To 223.4 %



3

Incident Energy (eV)

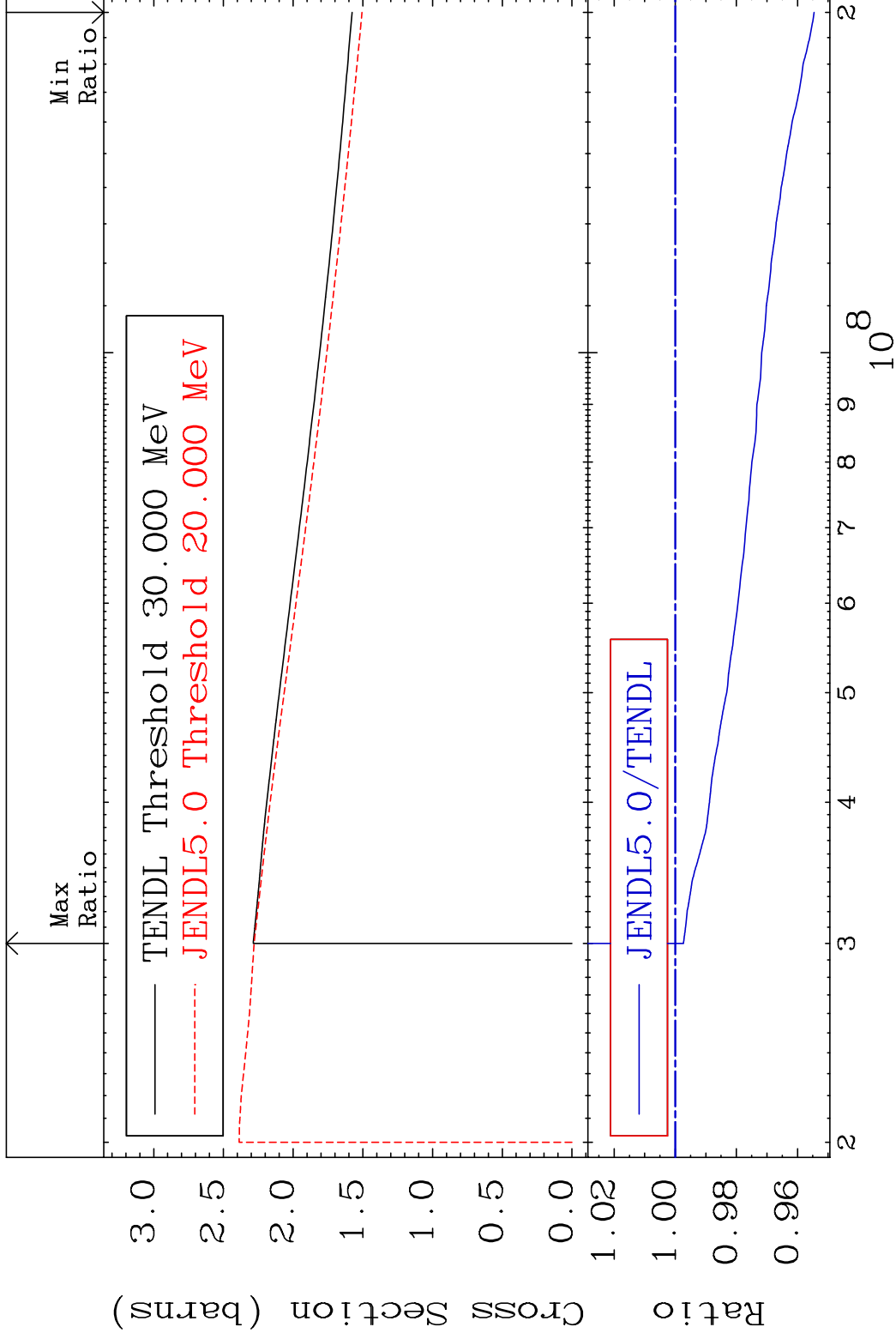
73-Ta-183

MAT 7334

(n, remainder)

73-Ta-183

Cross Section -4.541 To -0.268%

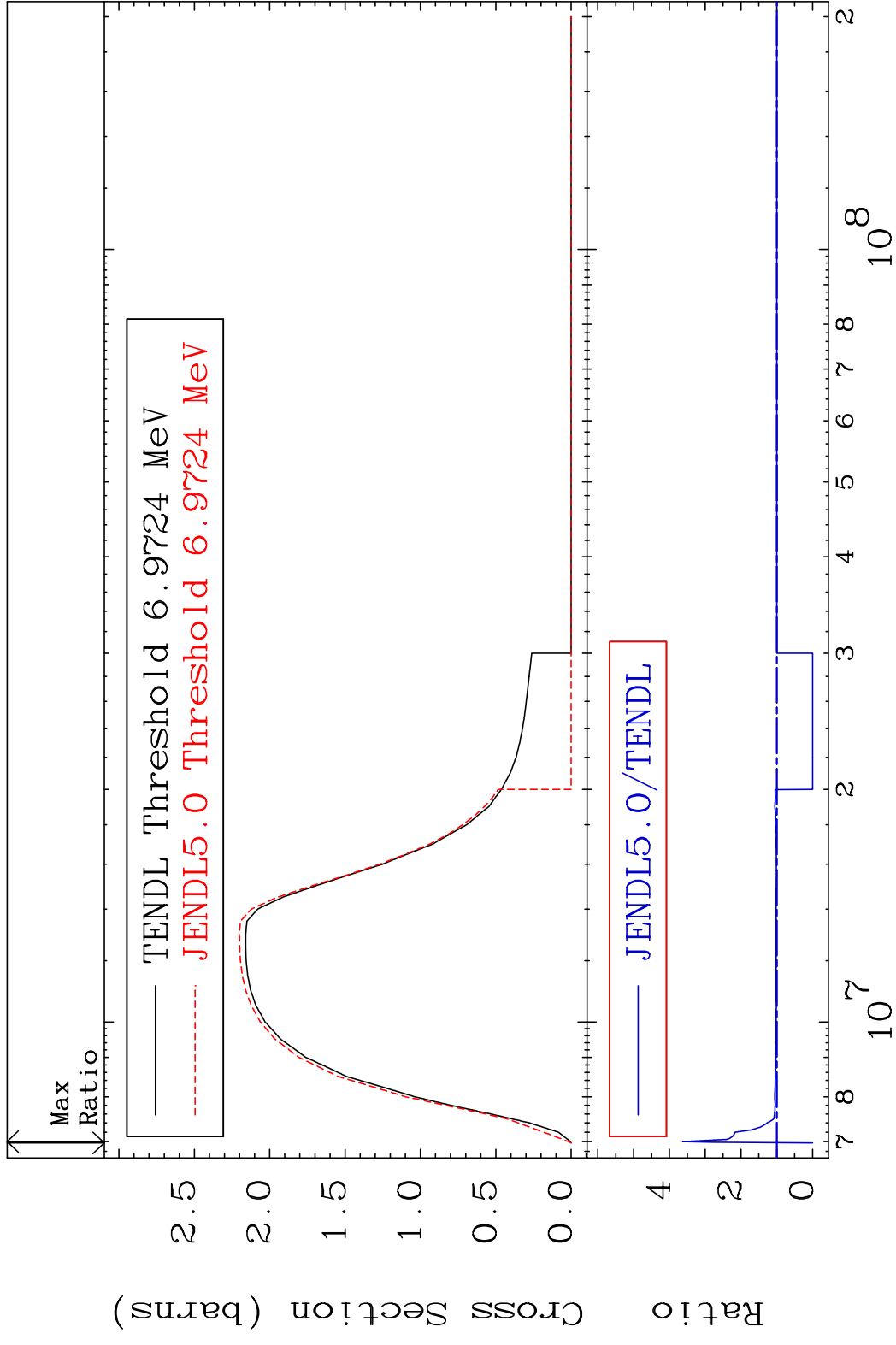


4

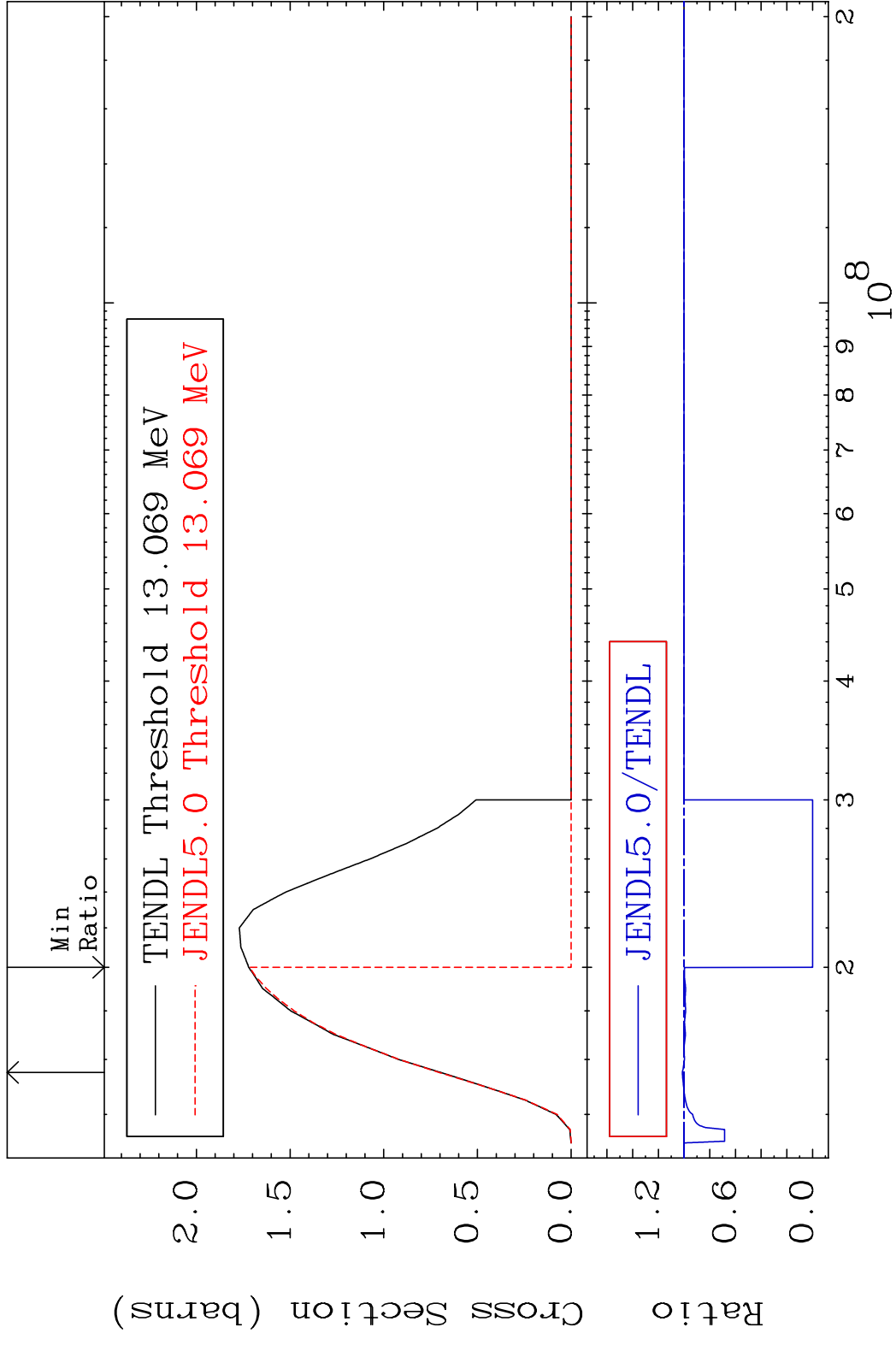
Incident Energy (eV)

73-Ta-183

MAT 7334 (n,2n) 73-Ta-183
 Cross Section -100.0 To 263.8 %



MAT 7334 (n,3n) 73-Ta-183
 Cross Section -100.0 To 1.332 %

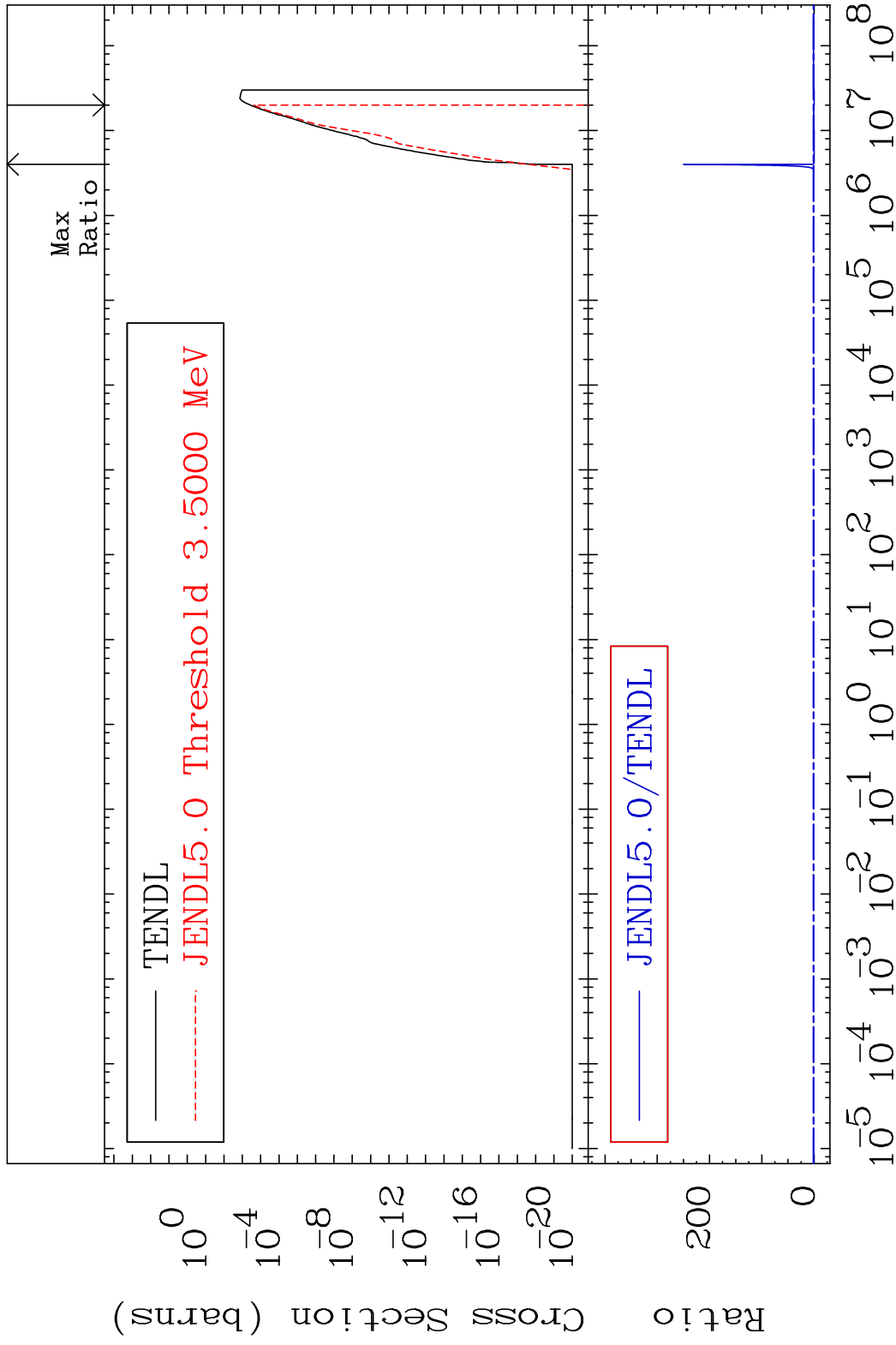


MAT 7334

(n, n') α

73-Ta-183

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

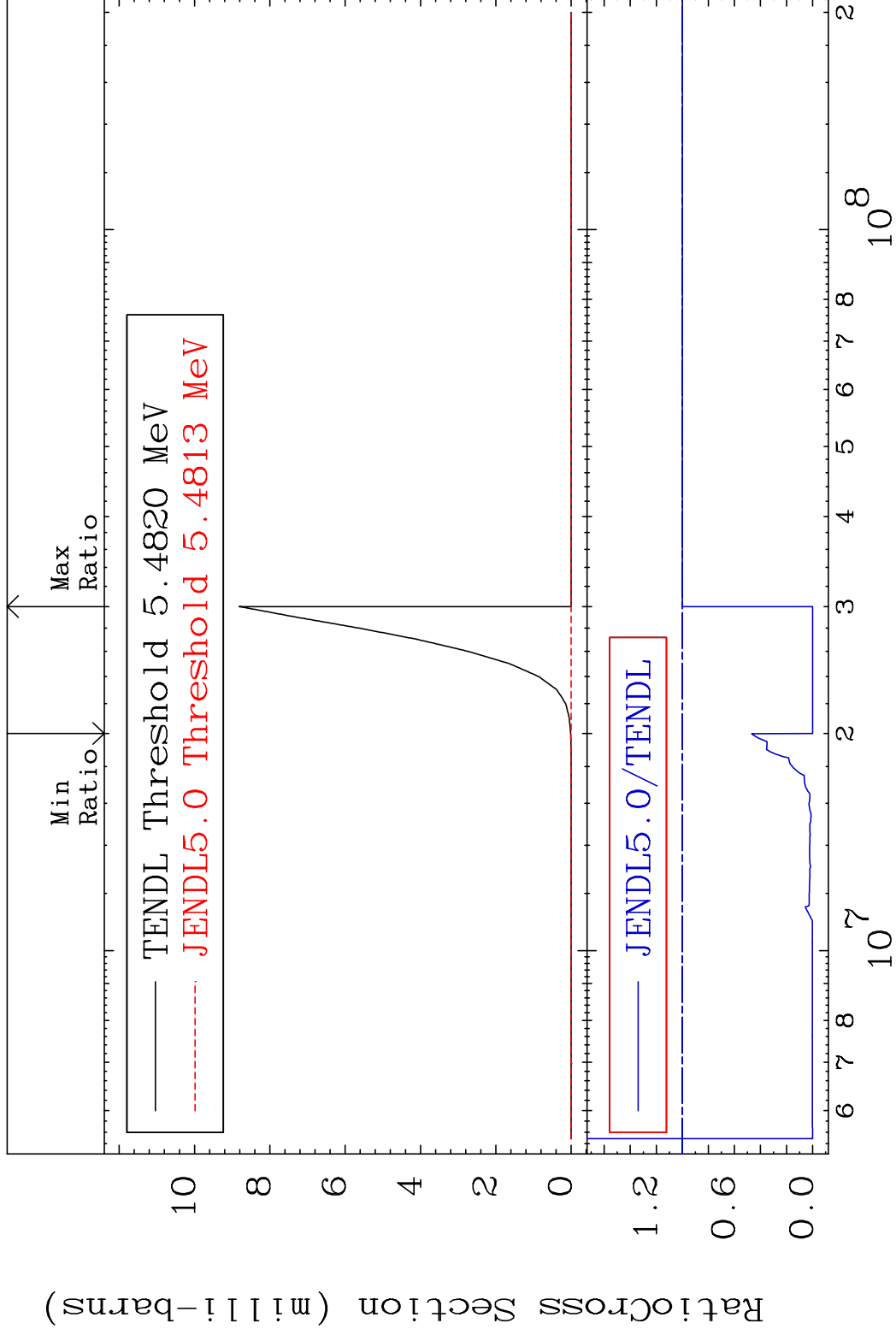
73-Ta-183

MAT 7334

(n,2n) α

73-Ta-183

Cross Section -100.0 To 0.000 %



8

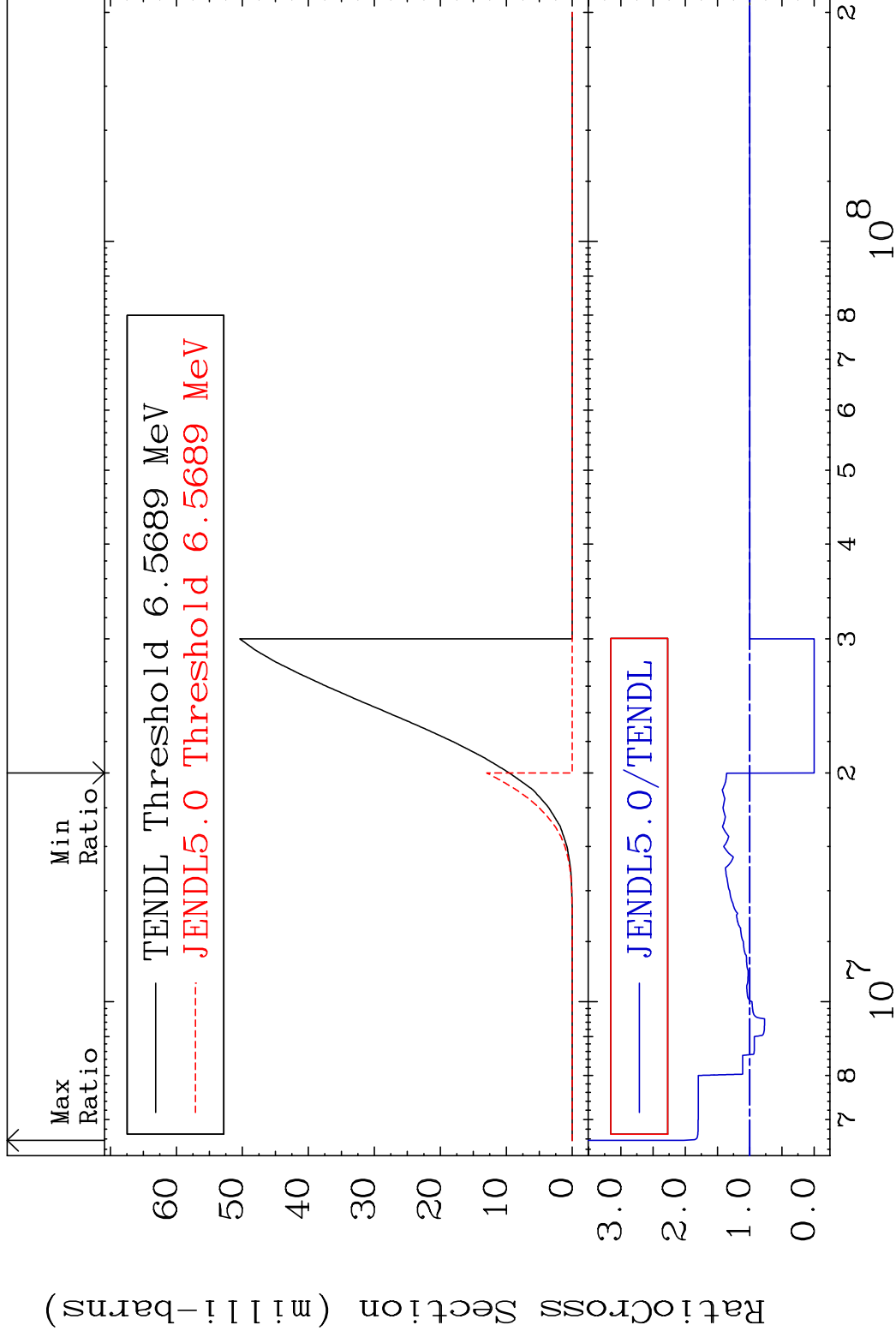
Incident Energy (eV)

73-Ta-183

MAT 7334

(n, n') p 73-Ta-183

Cross Section -100.0 To 102.4 %

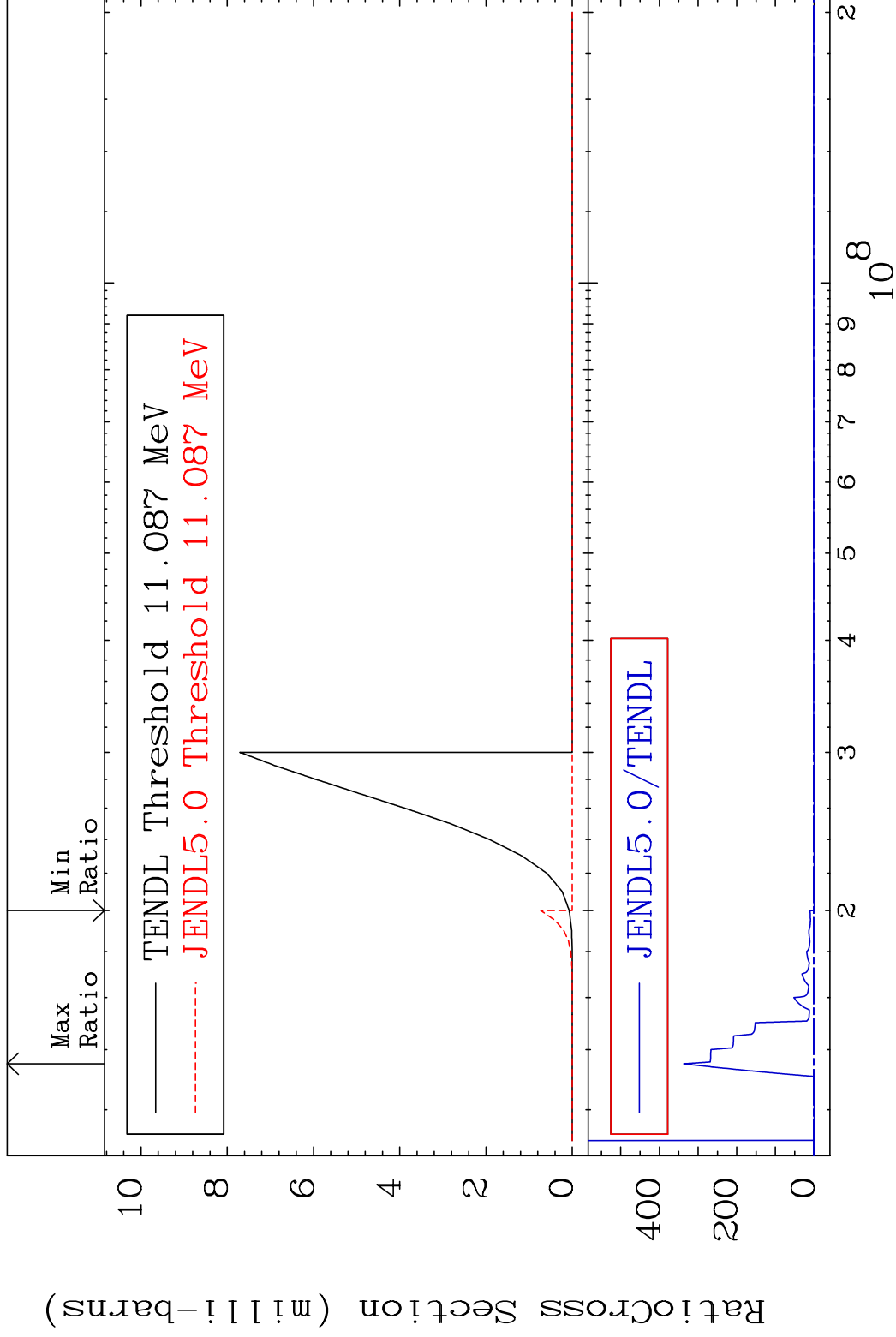


MAT 7334

(n, n') d

73-Ta-183

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

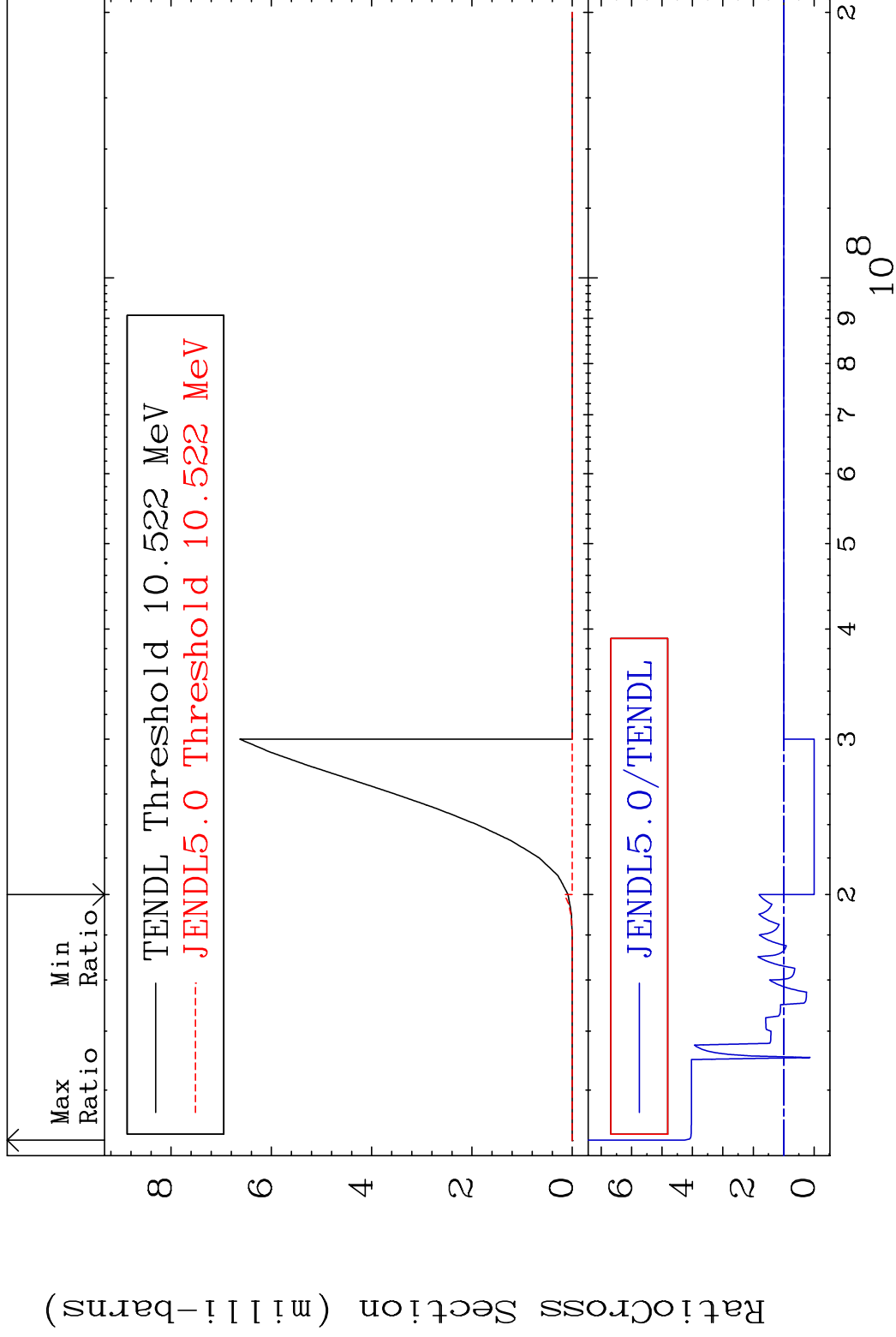
73-Ta-183

MAT 7334

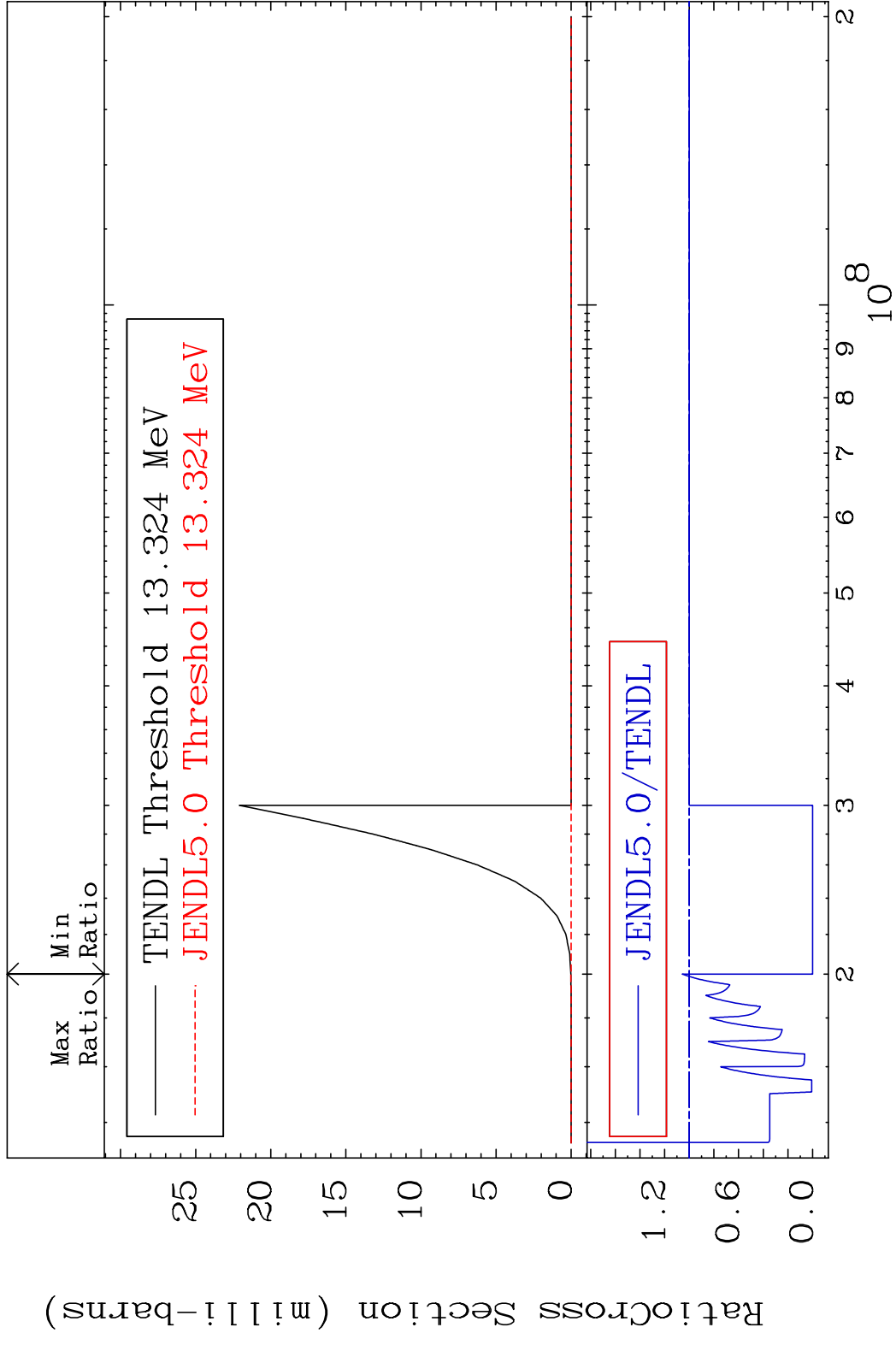
(n, n') t

73-Ta-183

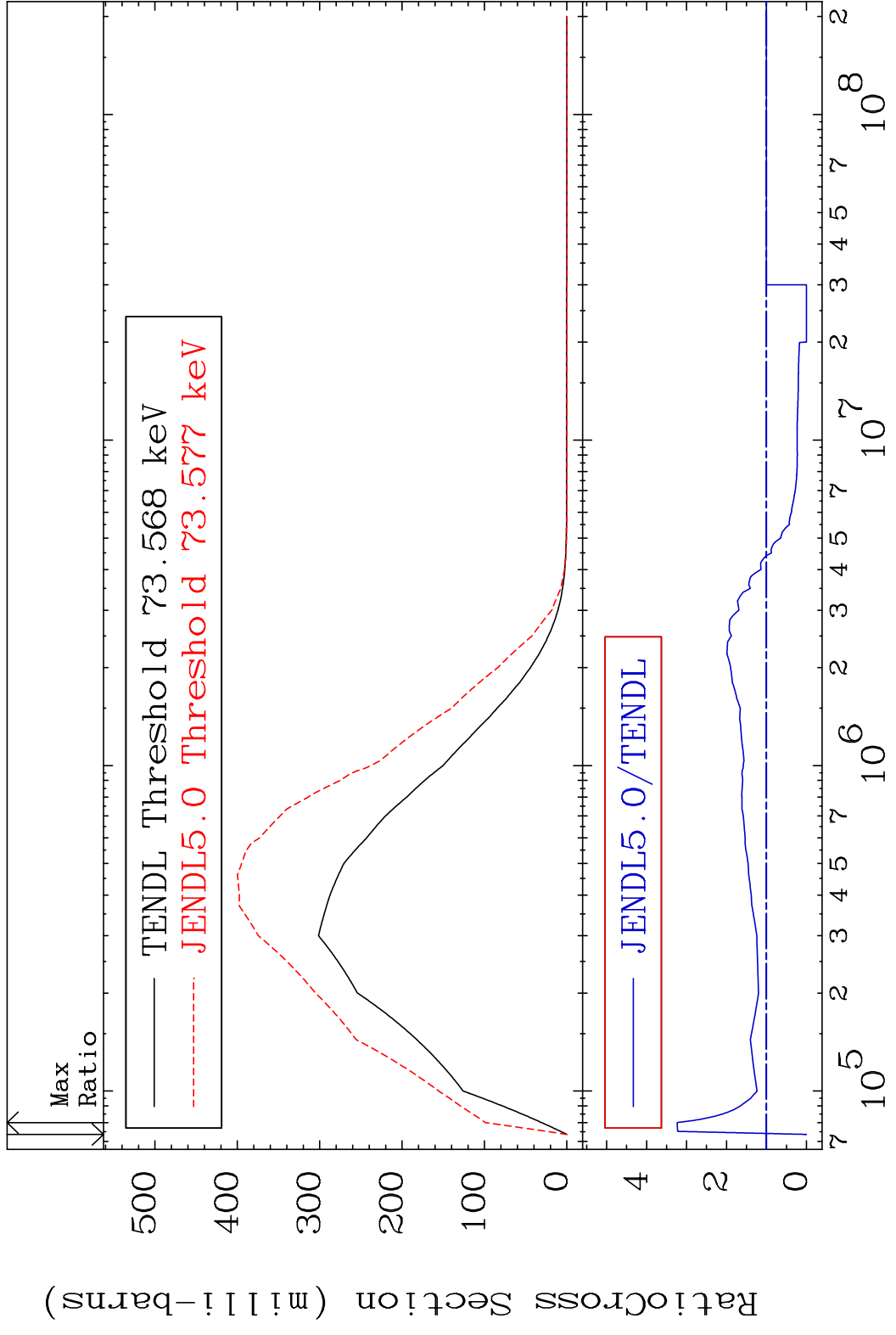
Cross Section -100.0 To 328.9 %



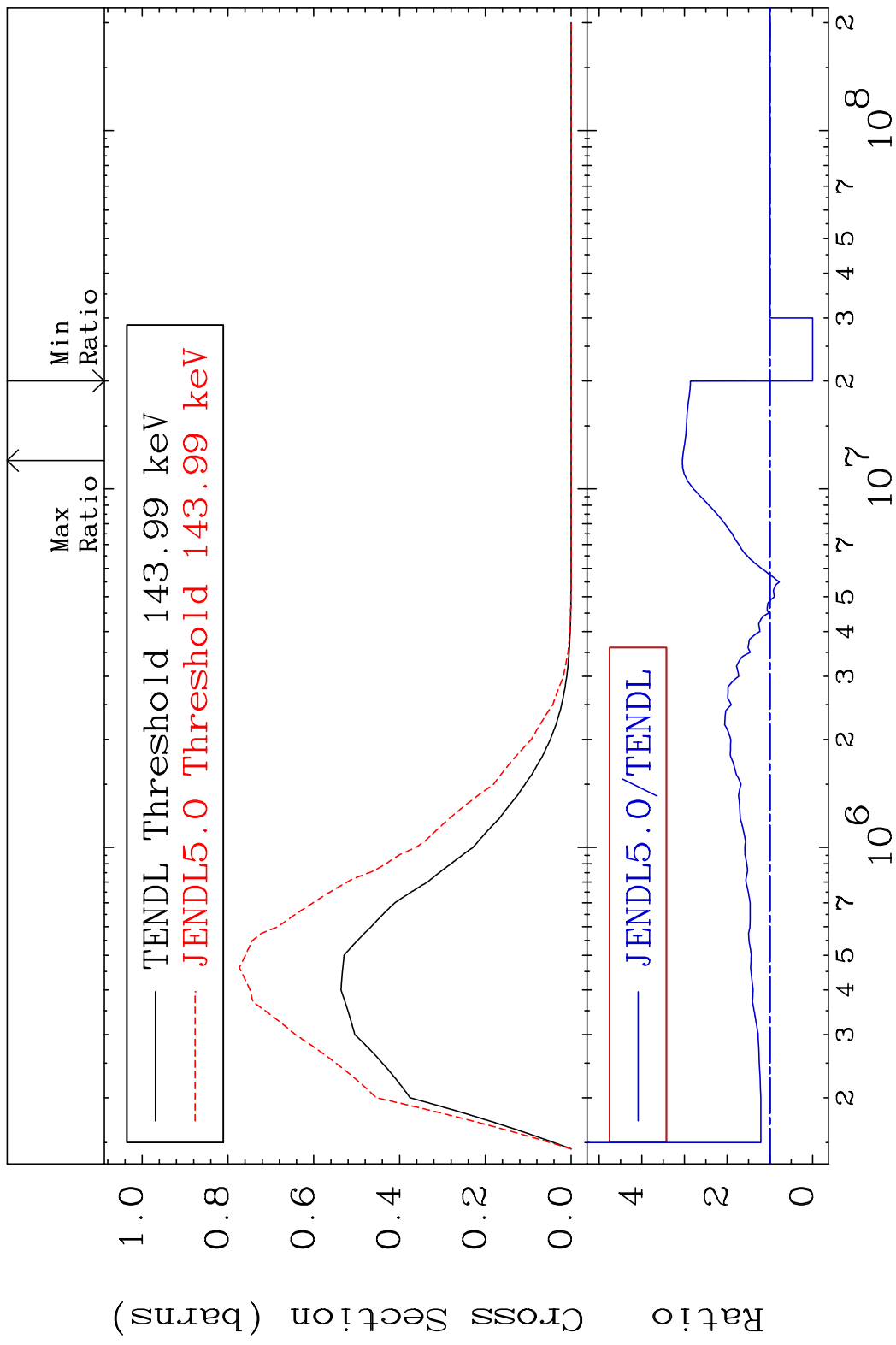
MAT 7334 (n,2n) p 73-Ta-183
 Cross Section -100.0 To 5.620 %



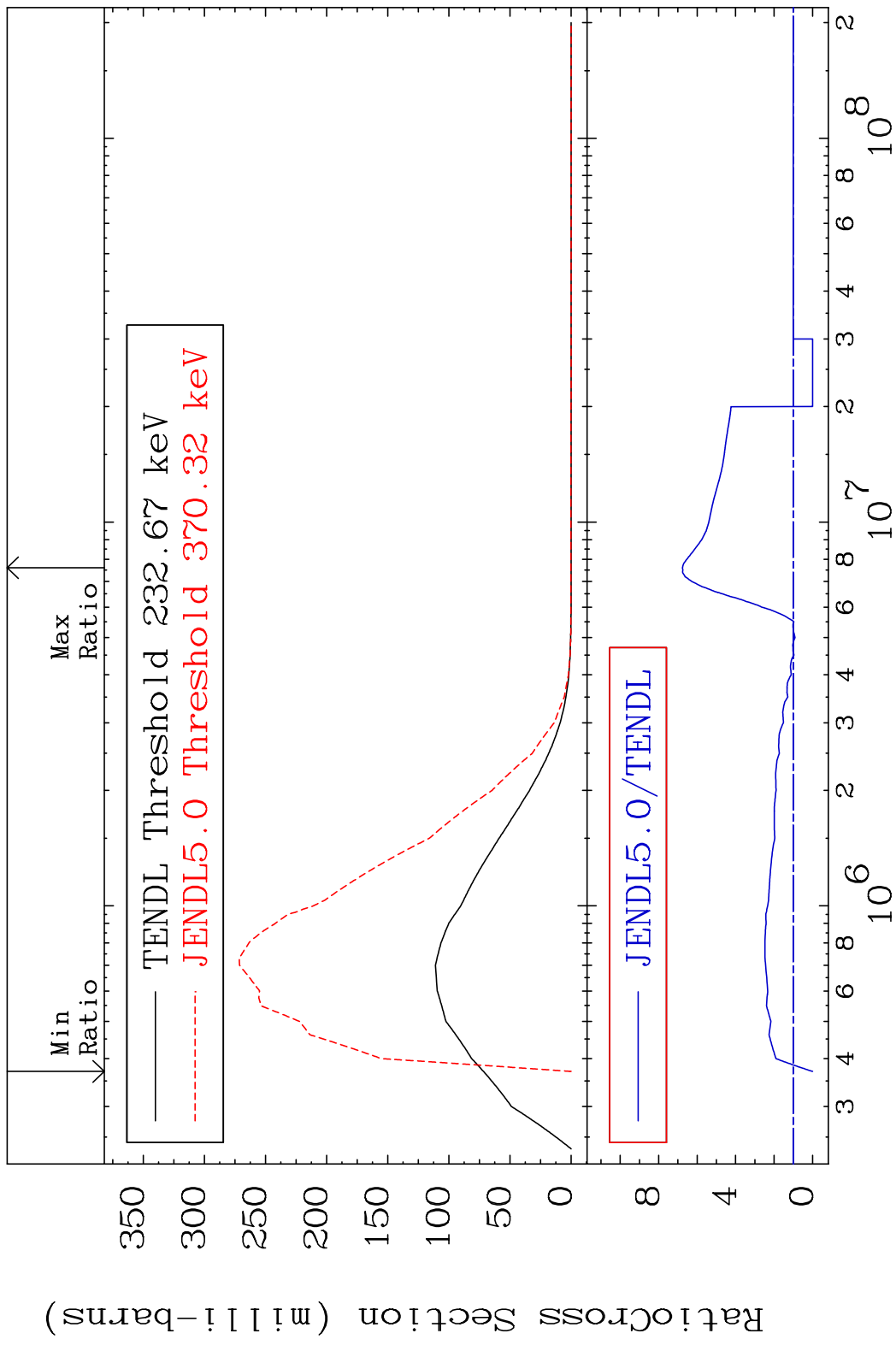
MAT 7334 MT= 51 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 223.4 %



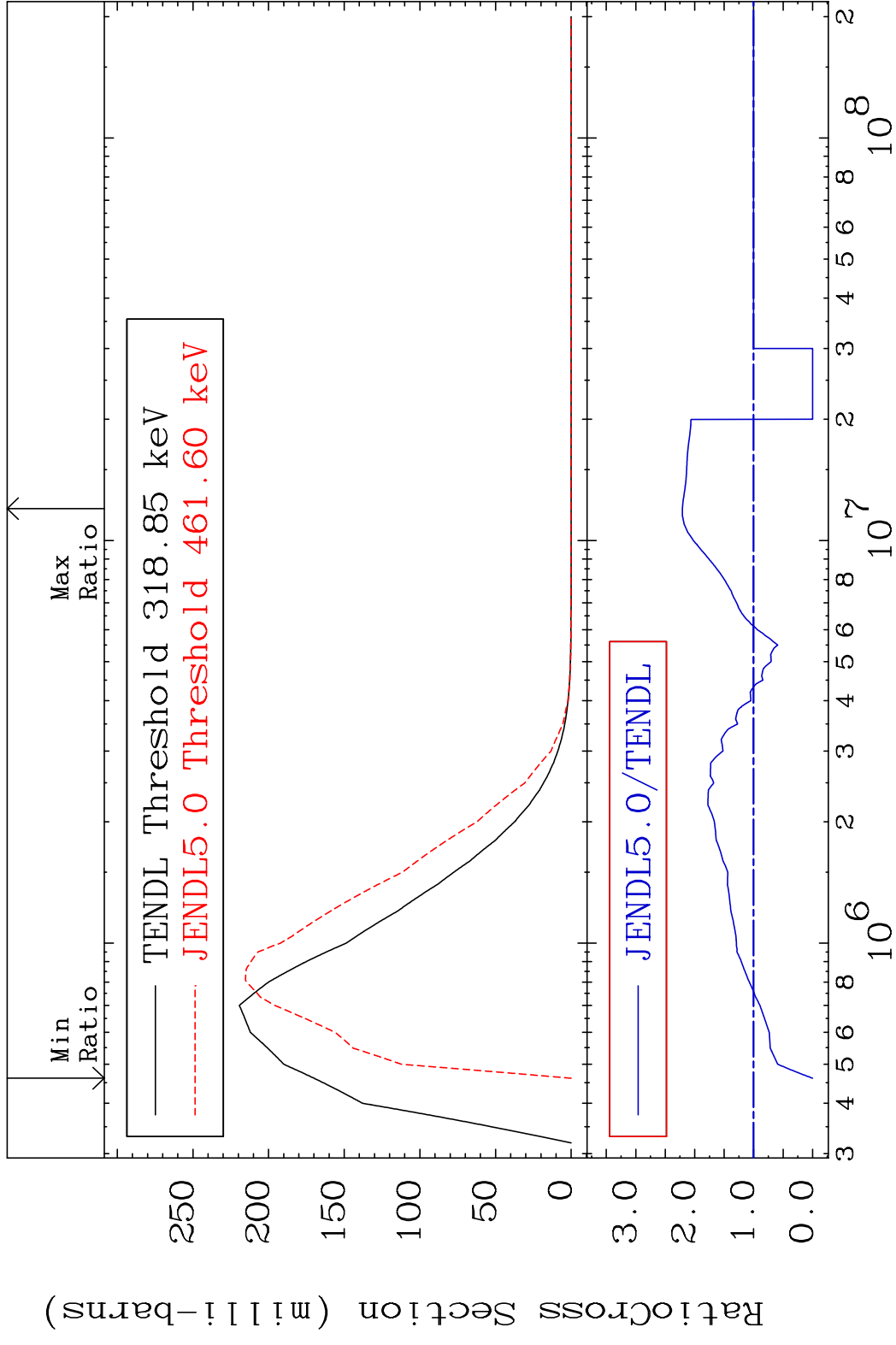
MAT 7334 MT= 52 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 205.1 %



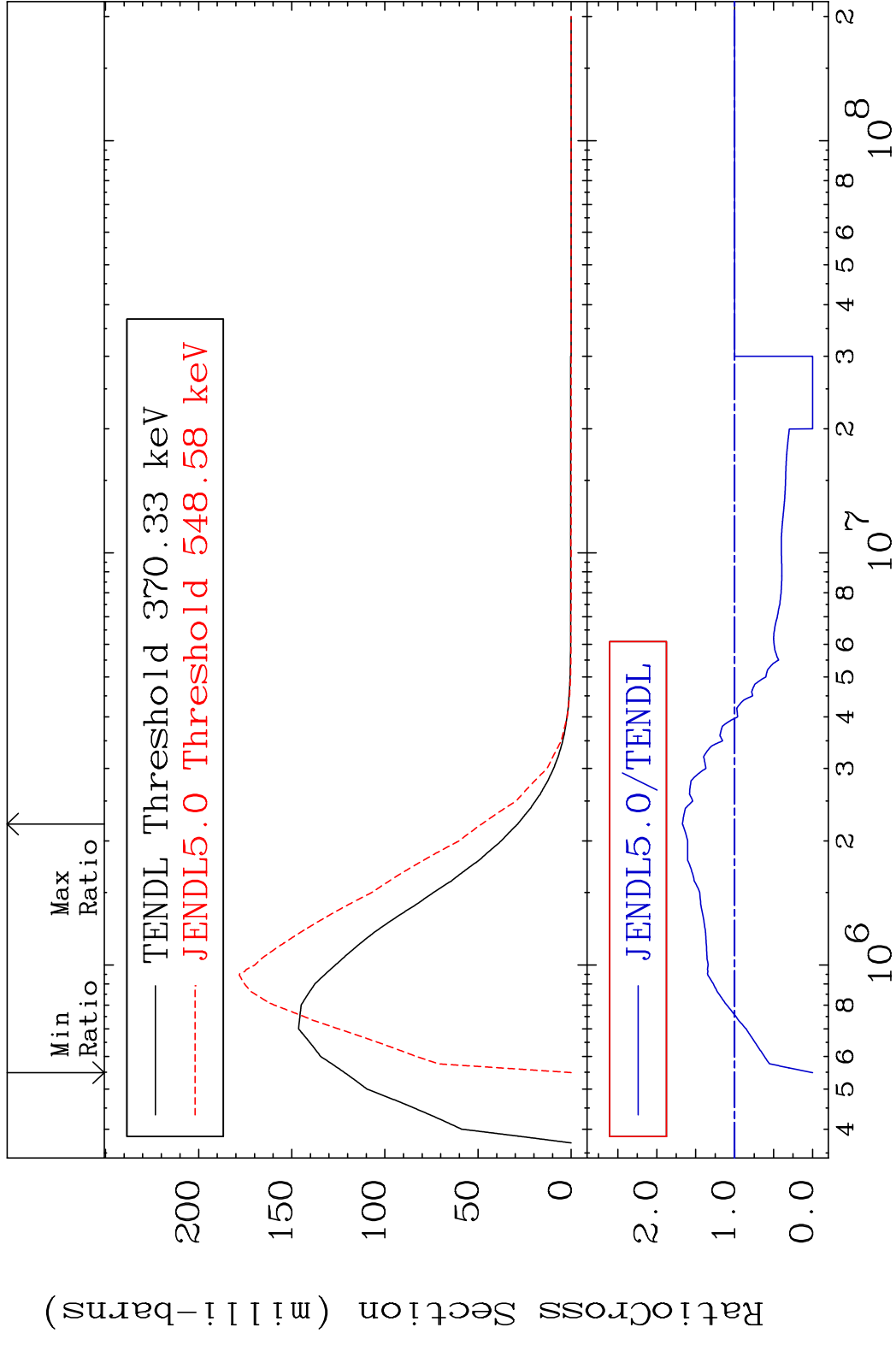
MAT 7334 MT= 53 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 576.8 %



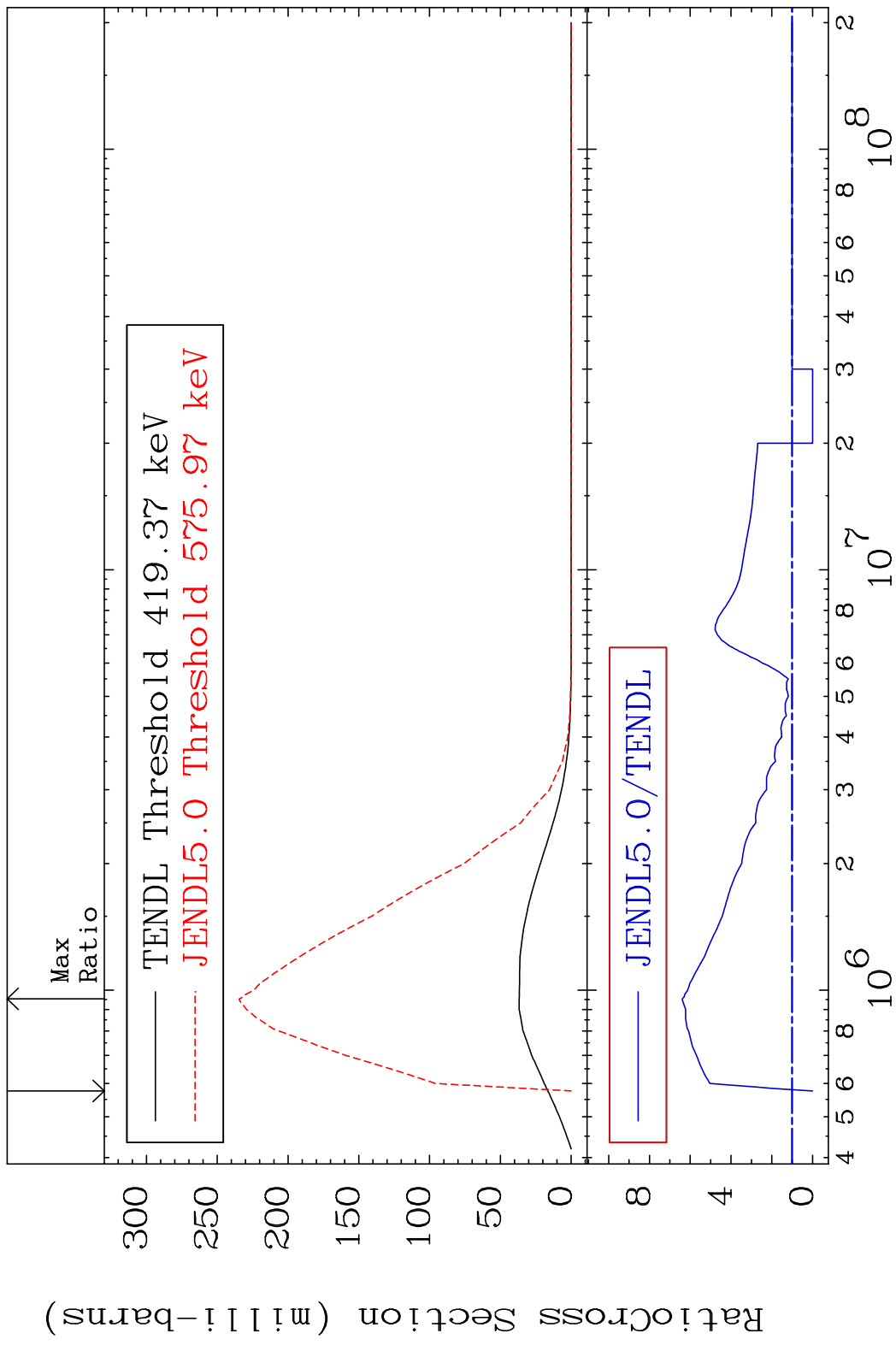
MAT 7334 MT= 54 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 120.9 %



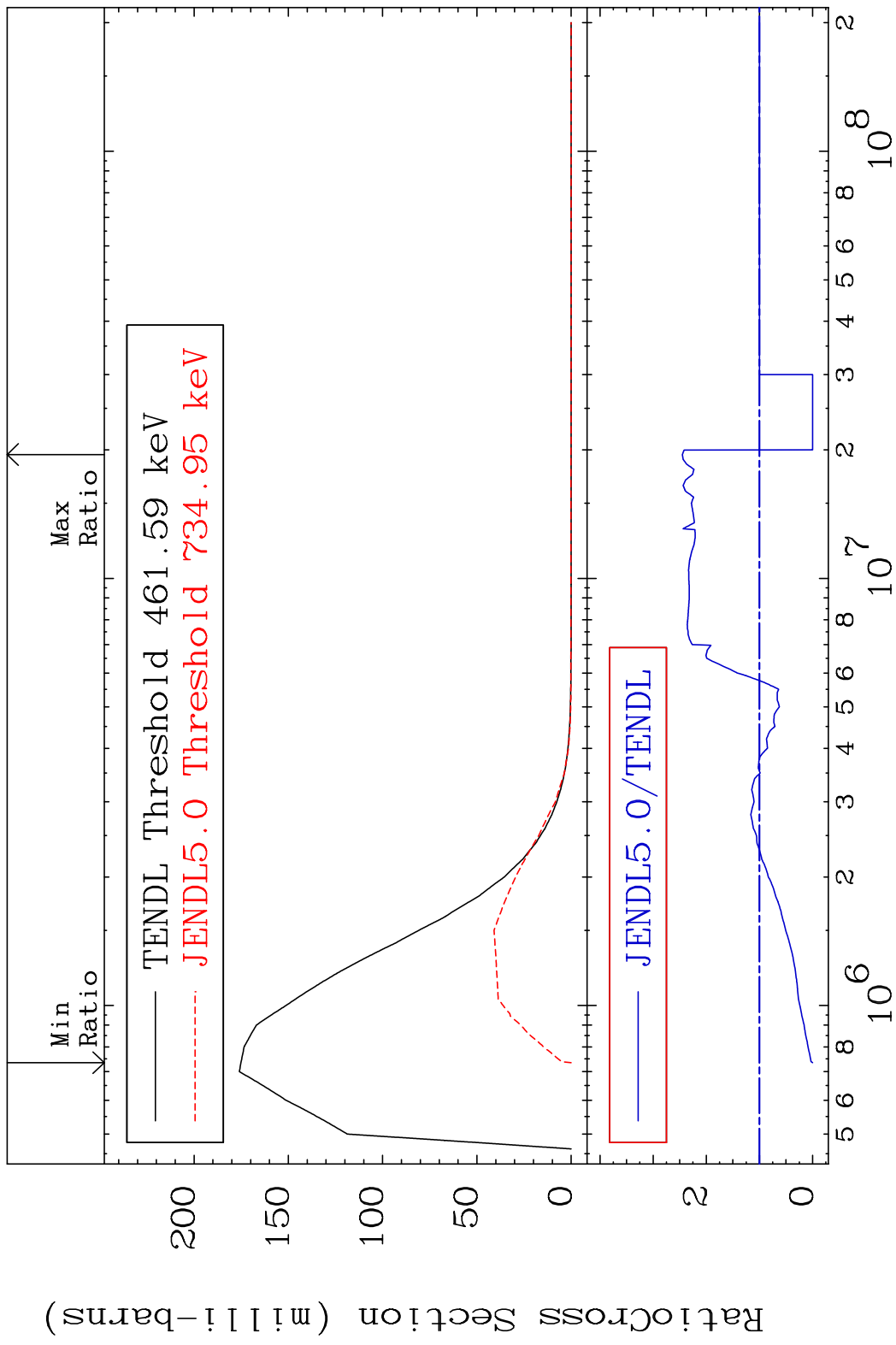
MAT 7334 MT= 55 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 67.17 %



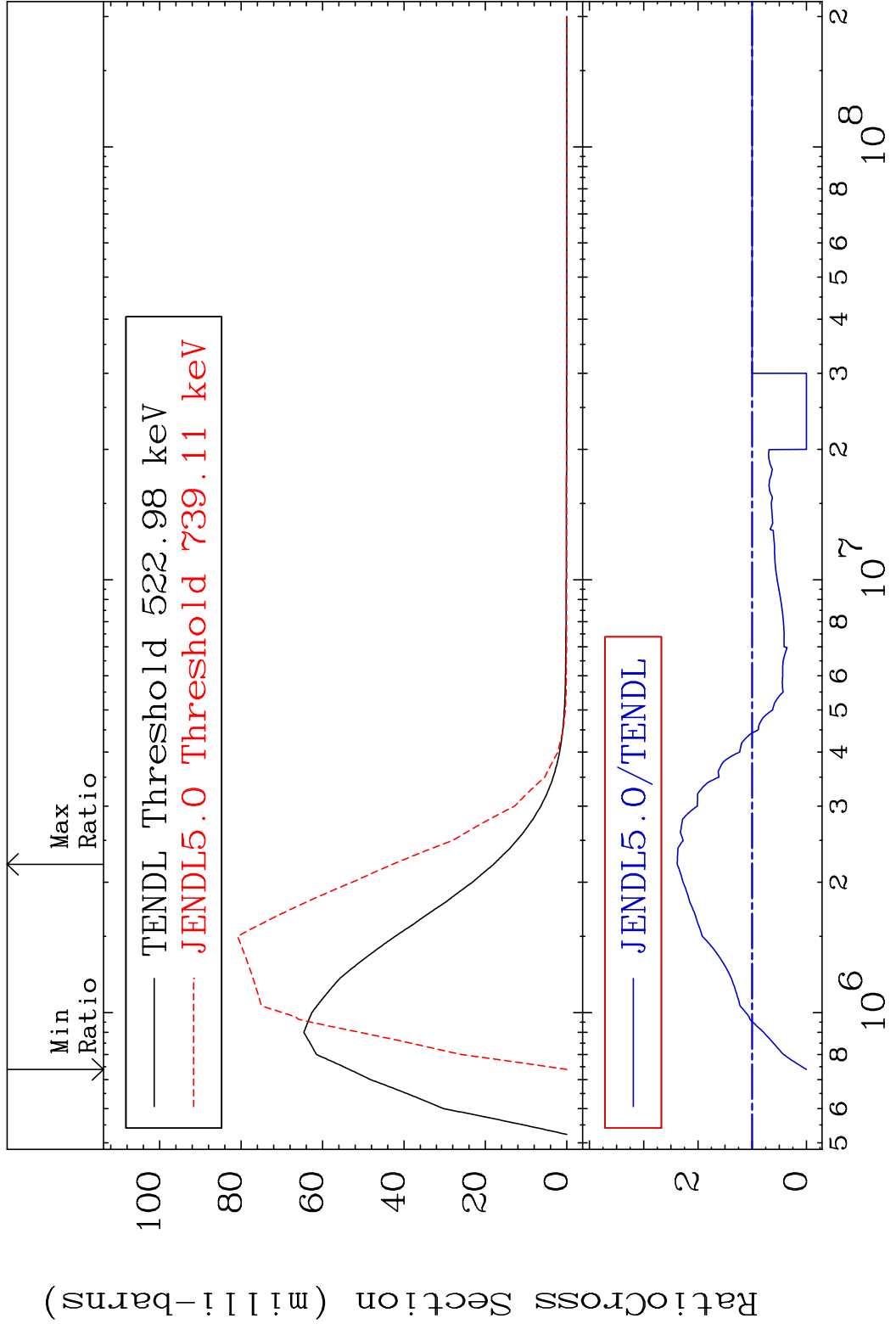
MAT 7334 MT= 56 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 538.7 %



MAT 7334 MT= 57 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 145.0 %

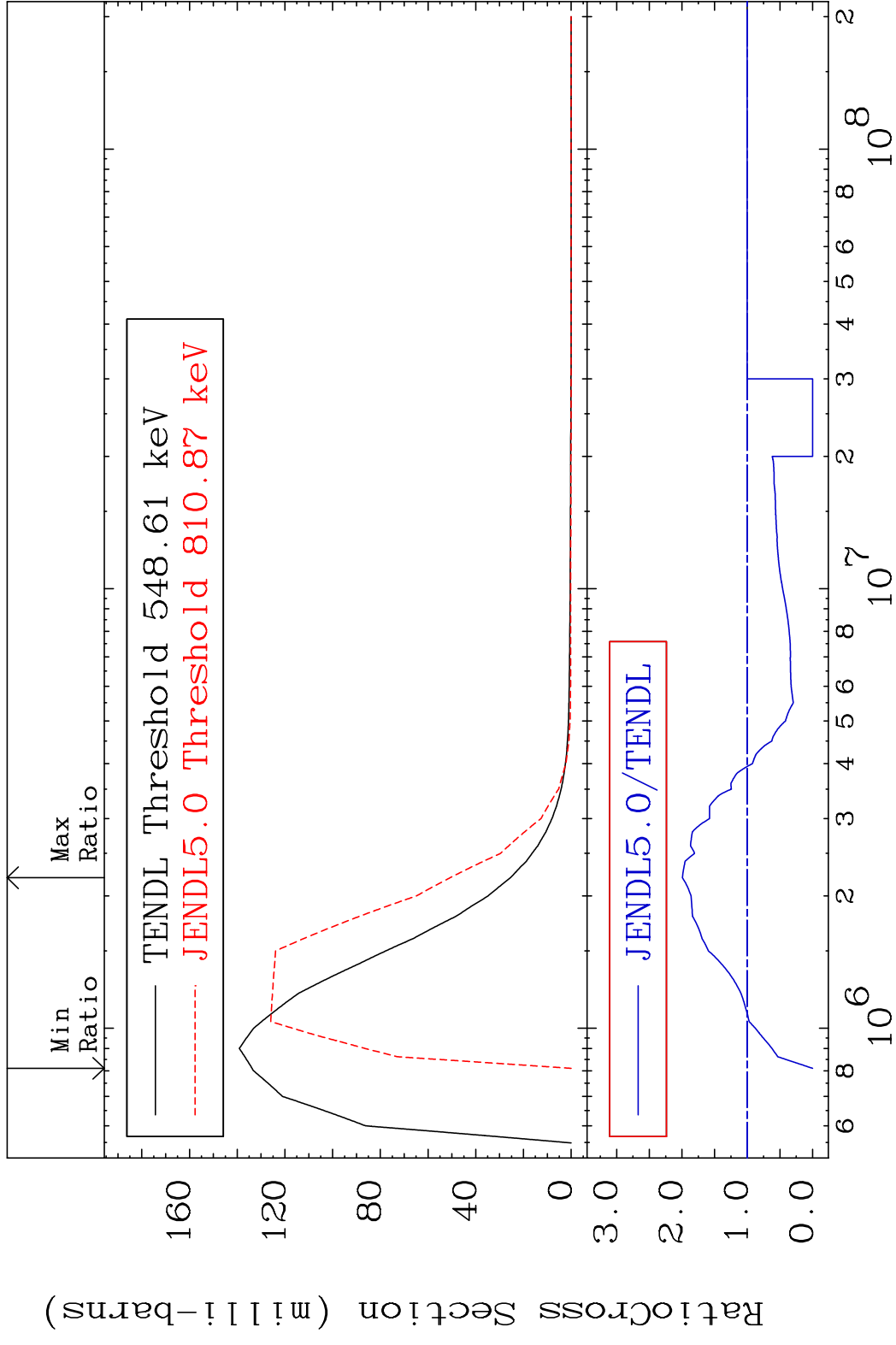


MAT 7334 MT= 58 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 138.3 %

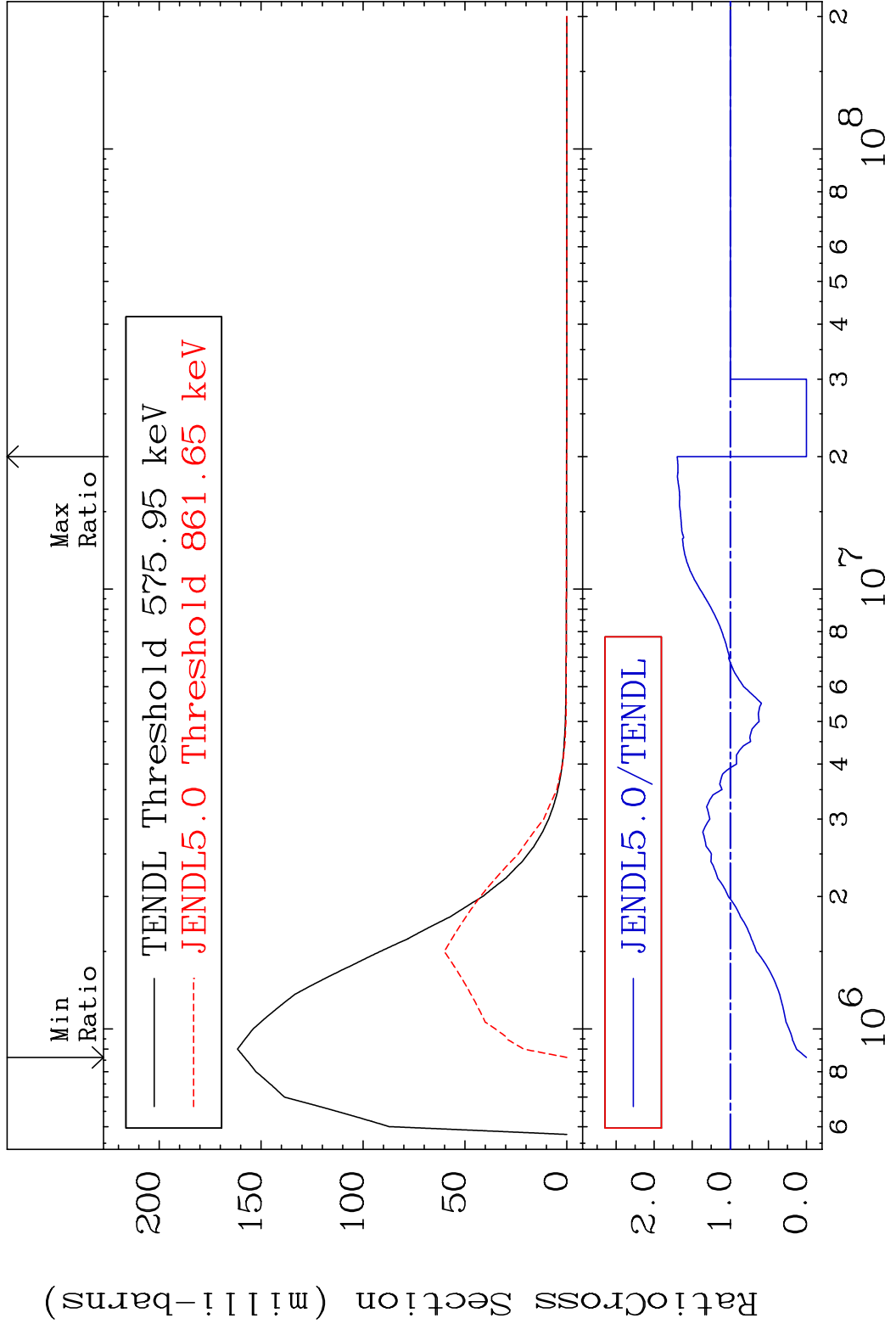


20 Incident Energy (eV) 73-Ta-183

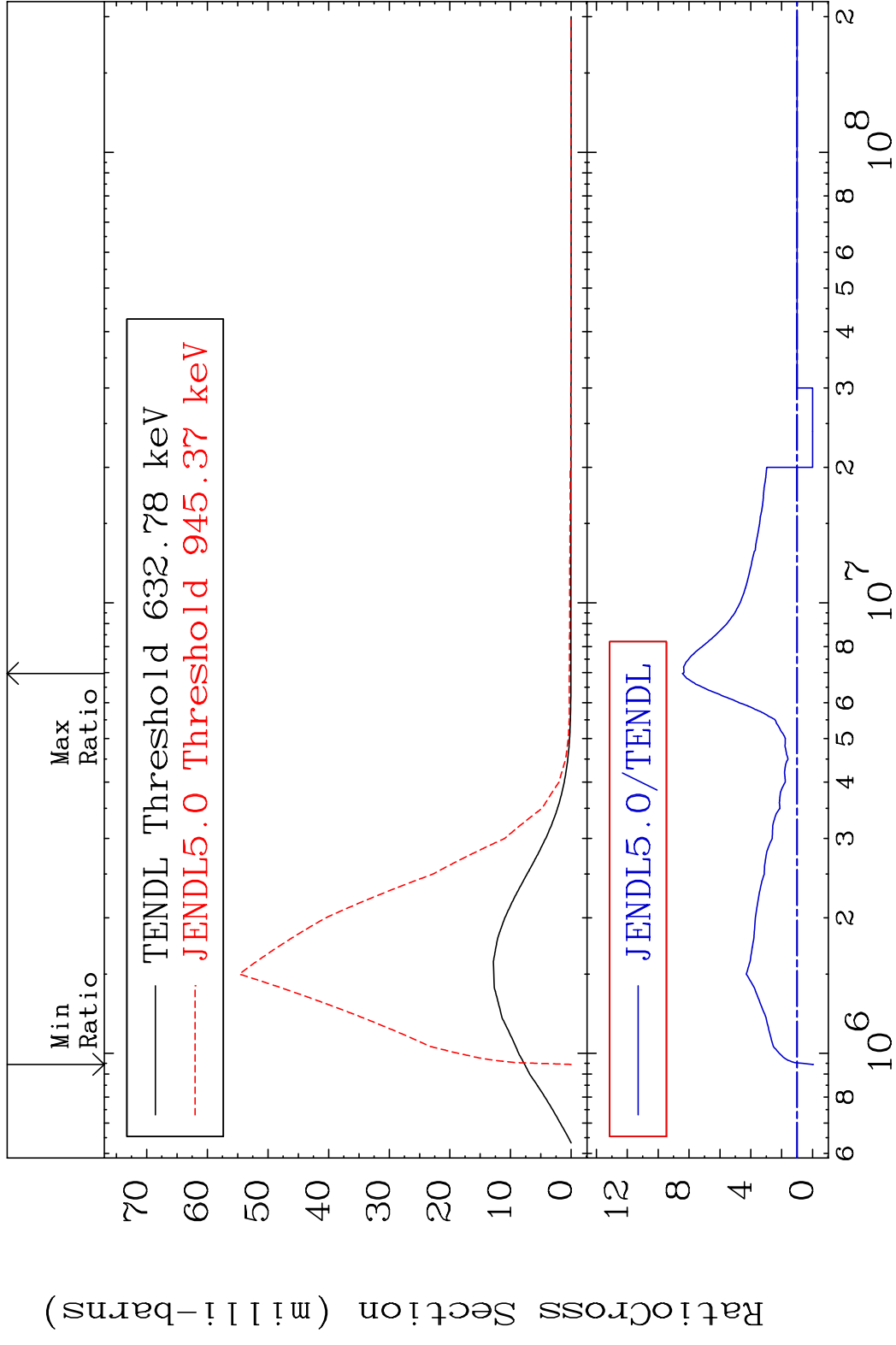
MAT 7334 MT= 59 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 99.39 %



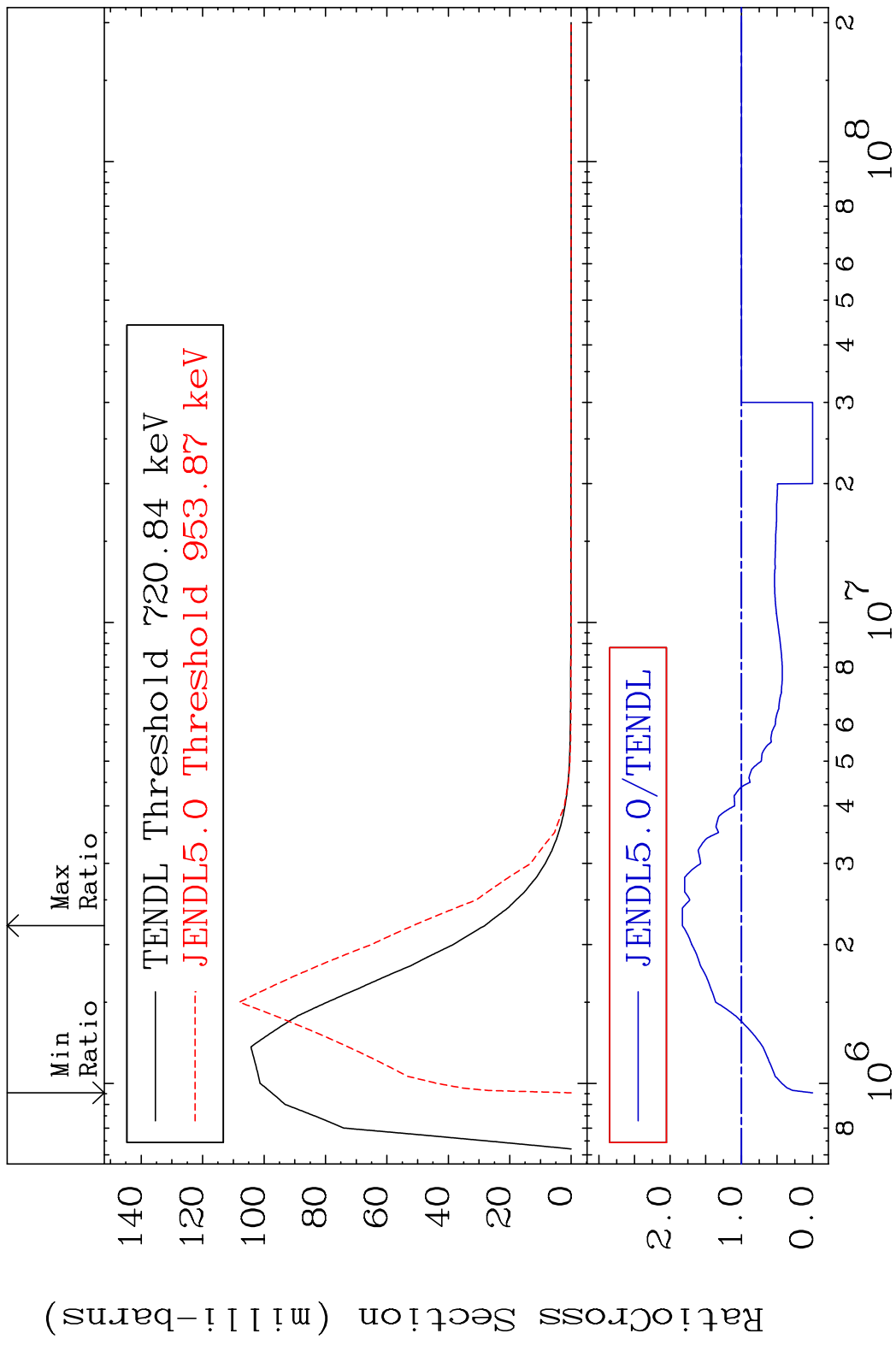
MAT 7334 MT= 60 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 69.79 %



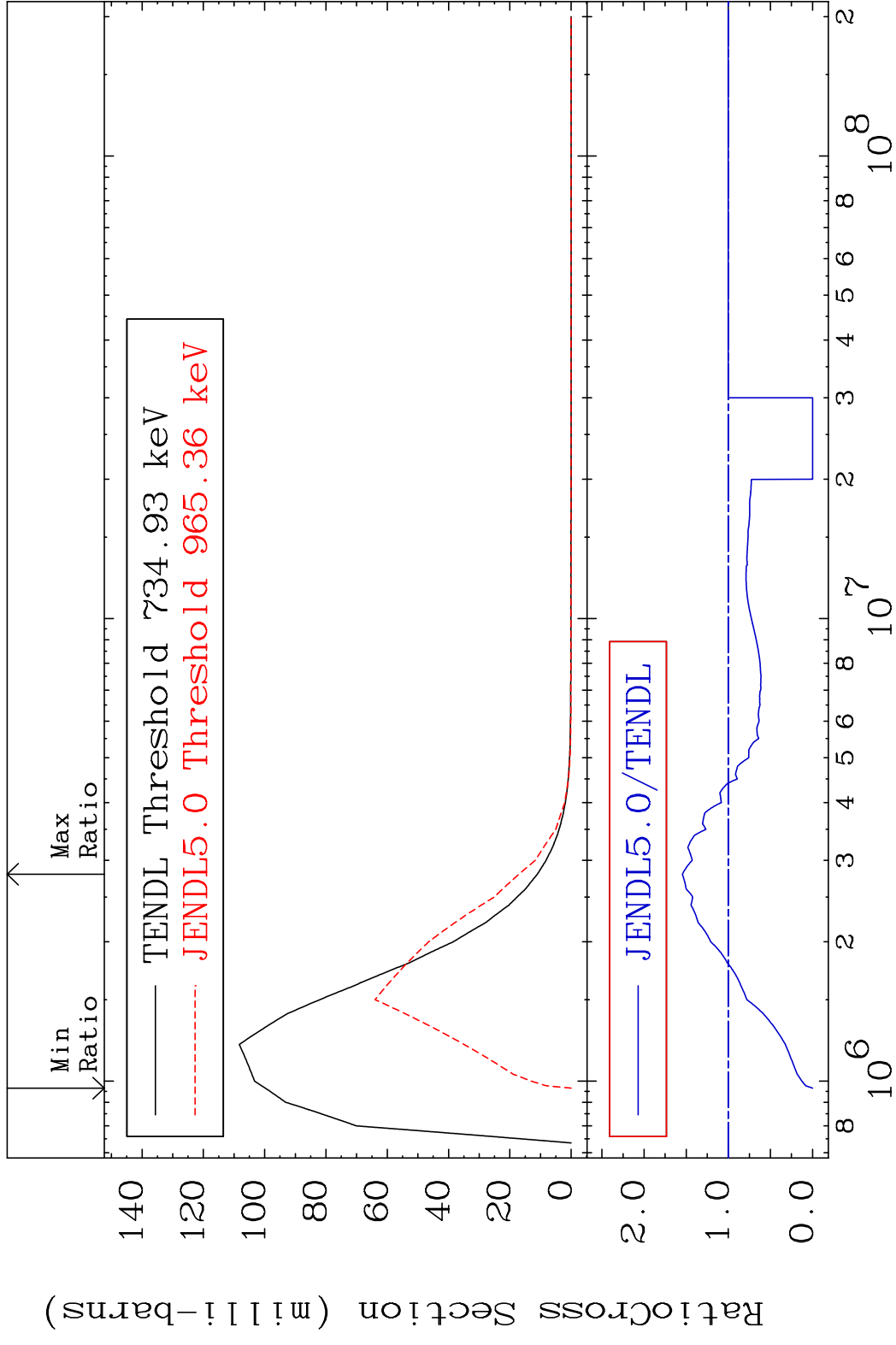
MAT 7334 MT= 61 (n, n') Level 73-Ta-183
 Cross Section -100.0 To 743.3 %



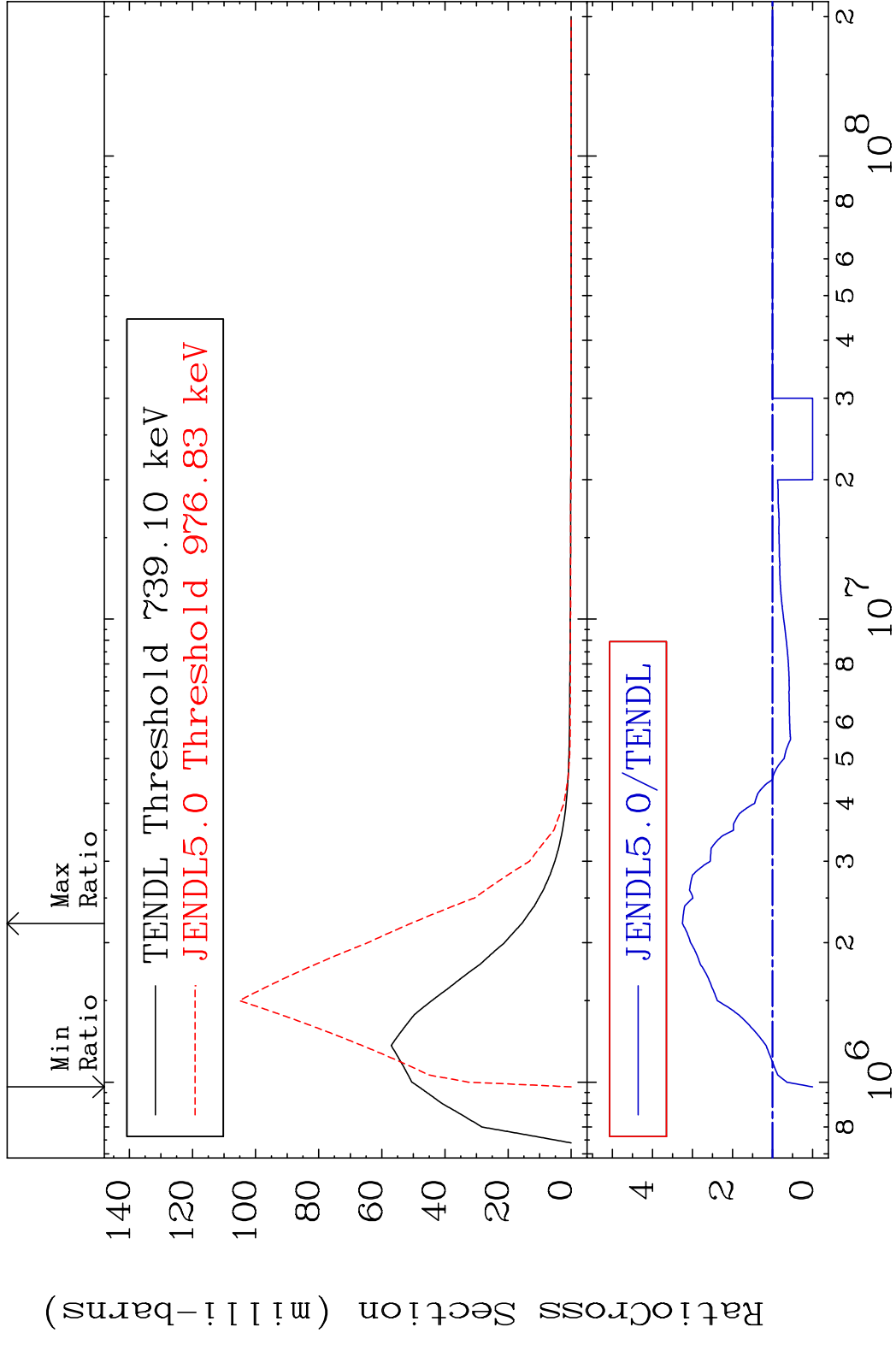
MAT 7334 MT= 62 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 82.86 %



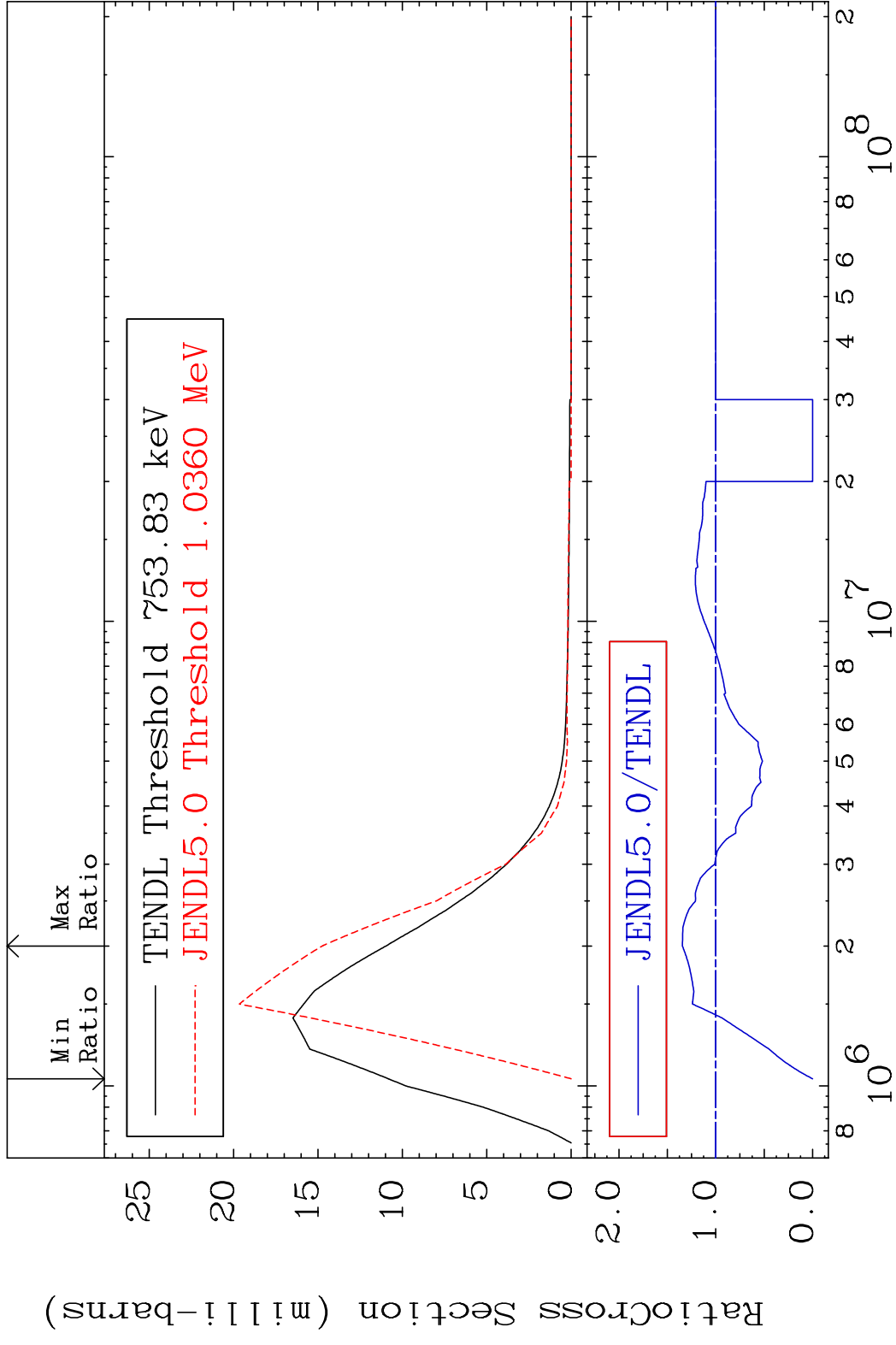
MAT 7334 MT= 63 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 54.59 %



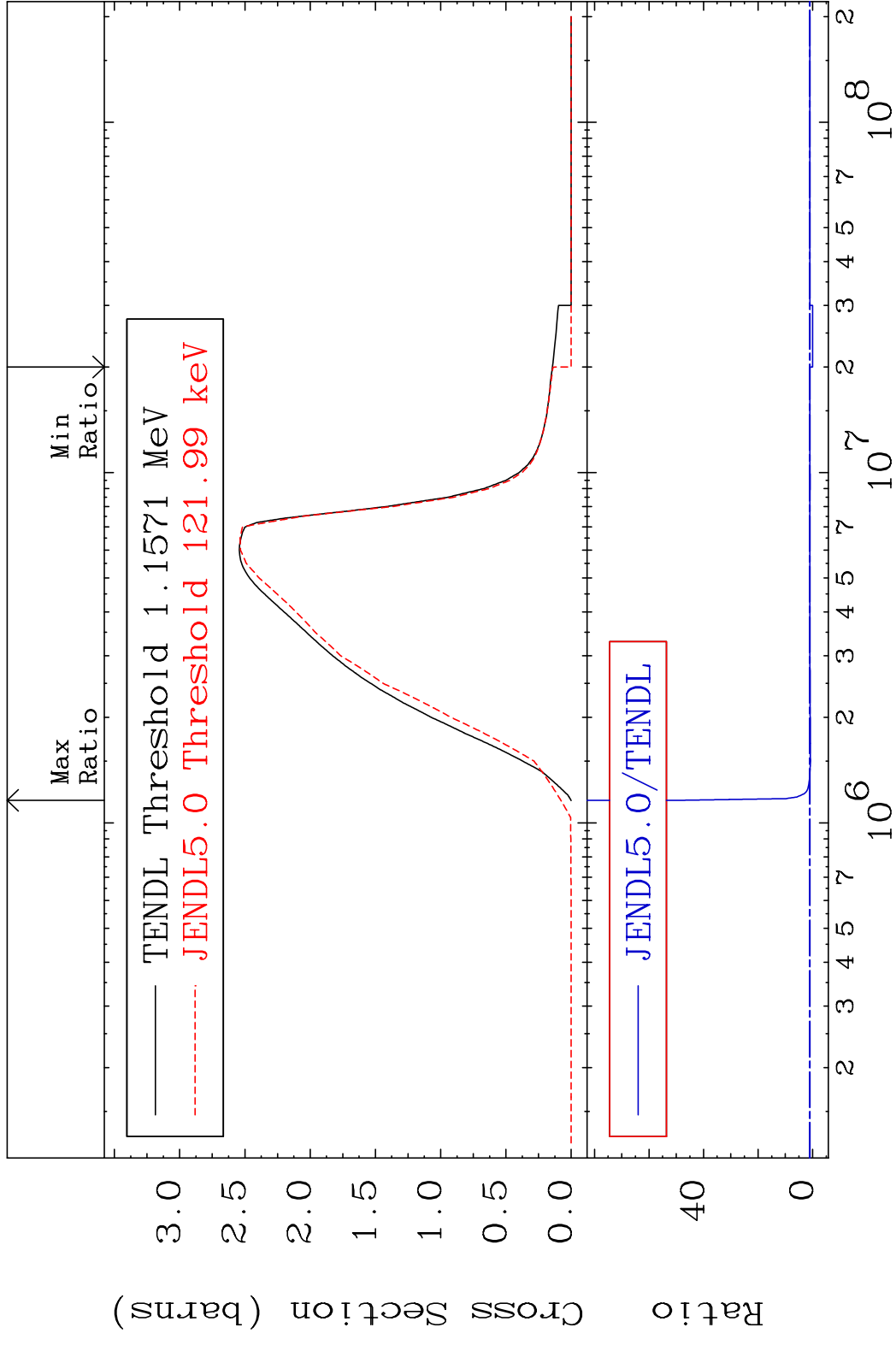
MAT 7334 MT= 64 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 225.4 %



MAT 7334 MT= 65 (n,n') Level 73-Ta-183
 Cross Section -100.0 To 34.53 %



MAT 7334 (n,n') Continuum 73-Ta-183
 Cross Section -100.0 To 4677. %

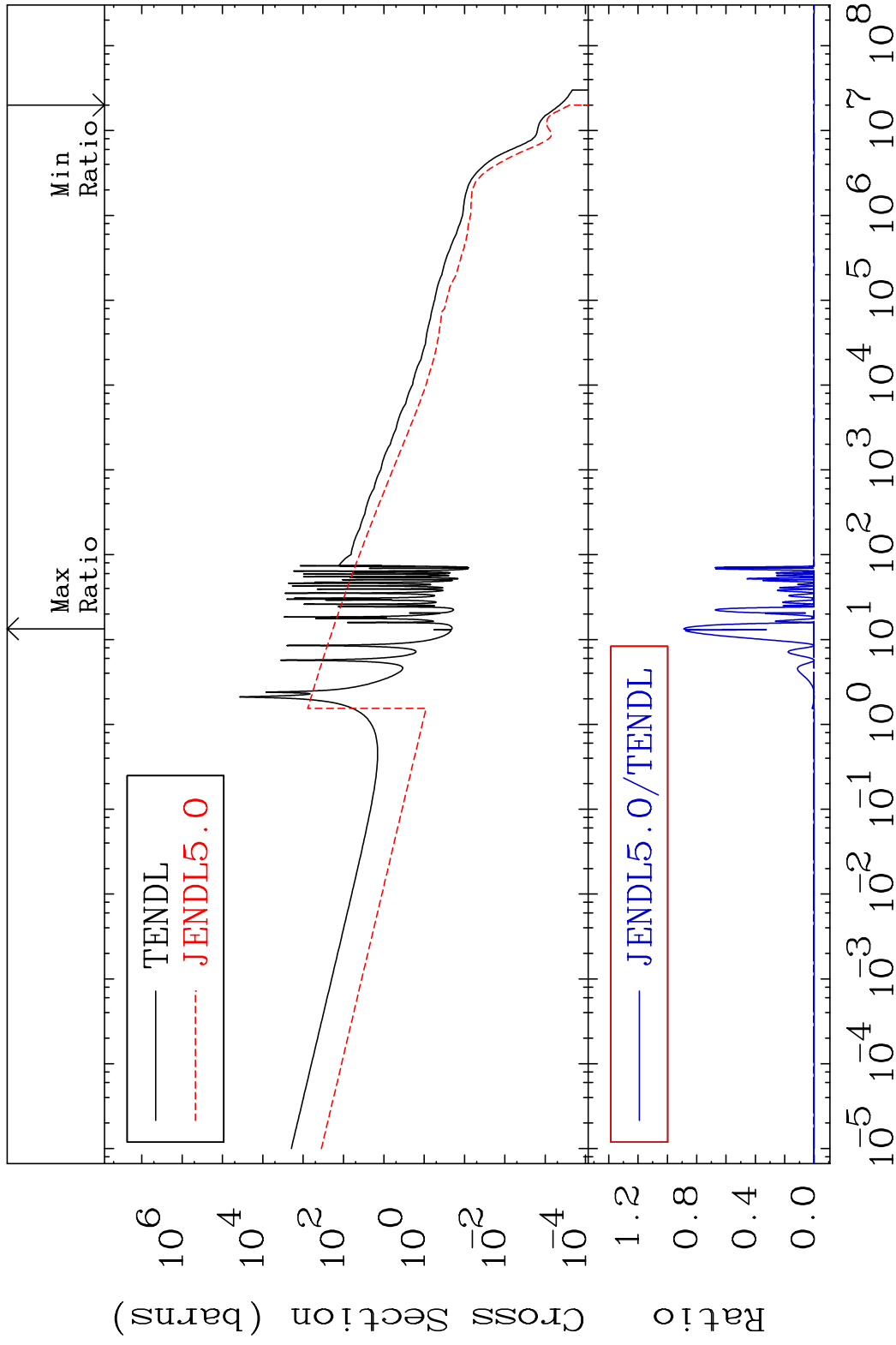


MAT 7334

(n, γ)

73-Ta-183

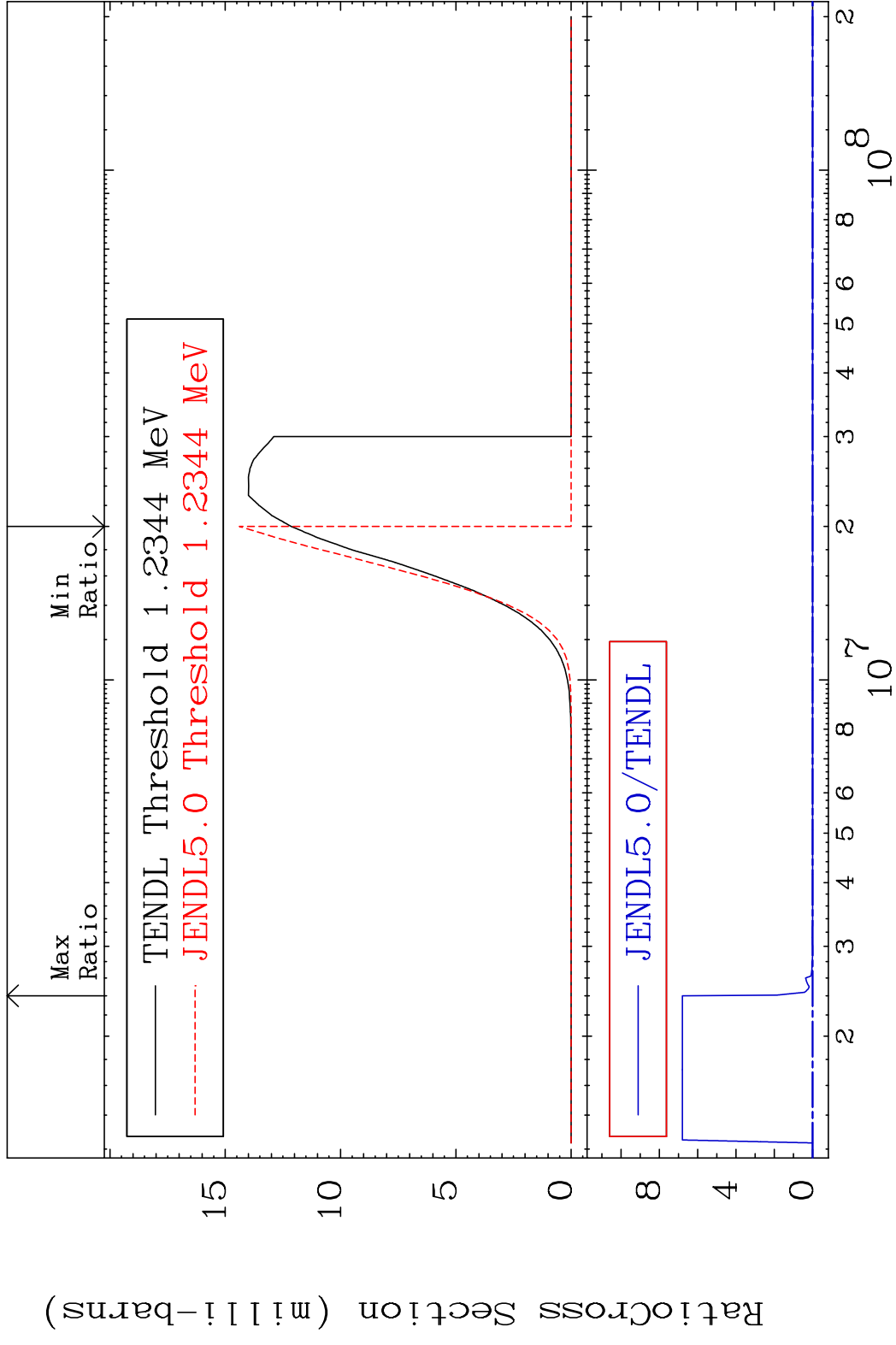
Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

73-Ta-183

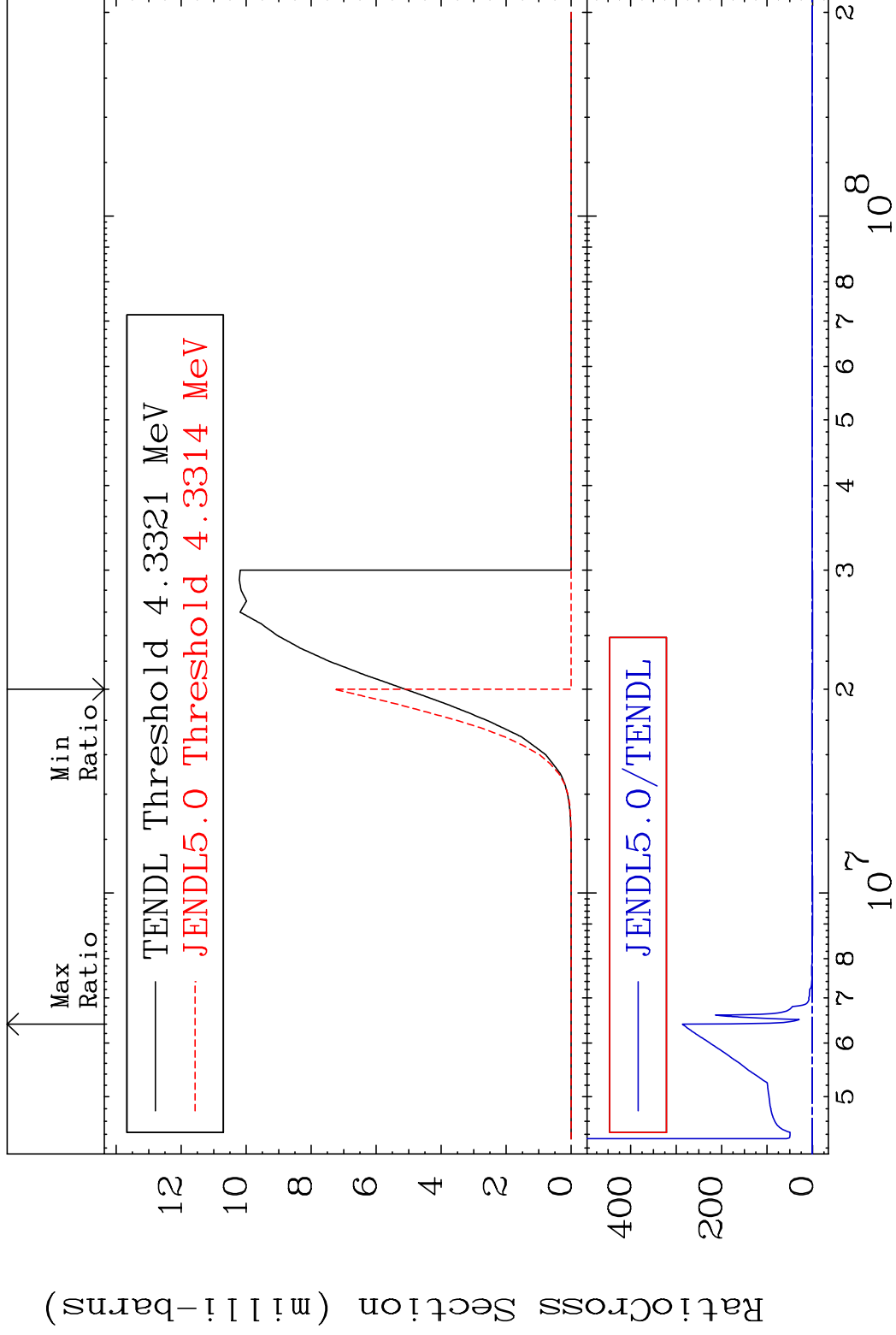


MAT 7334

(n,d)

73-Ta-183

Cross Section -100.0 To 9999. %

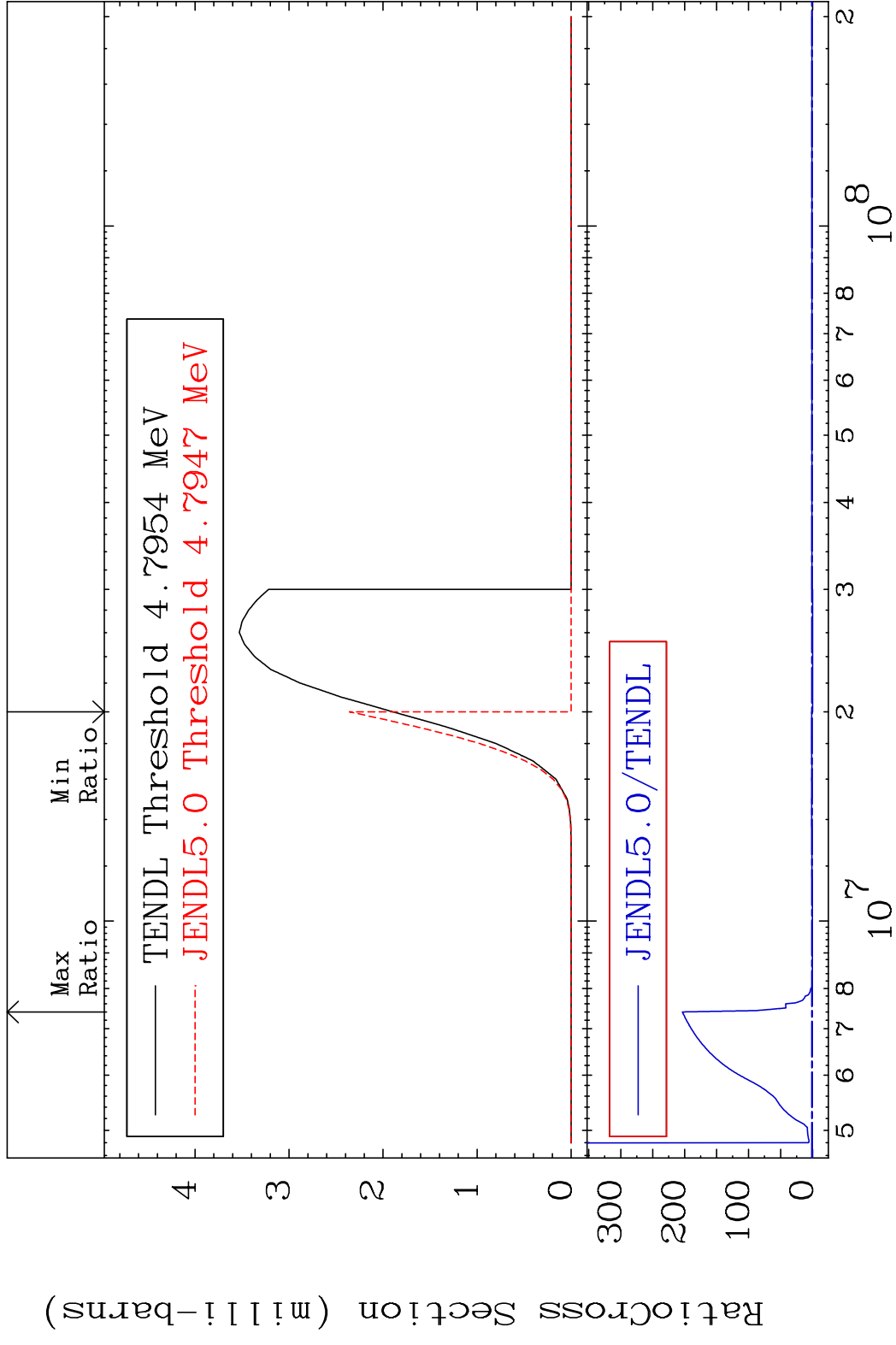


31

Incident Energy (eV)

73-Ta-183

MAT 7334 (n, t) 73-Ta-183
 Cross Section -100.0 To 9999. %

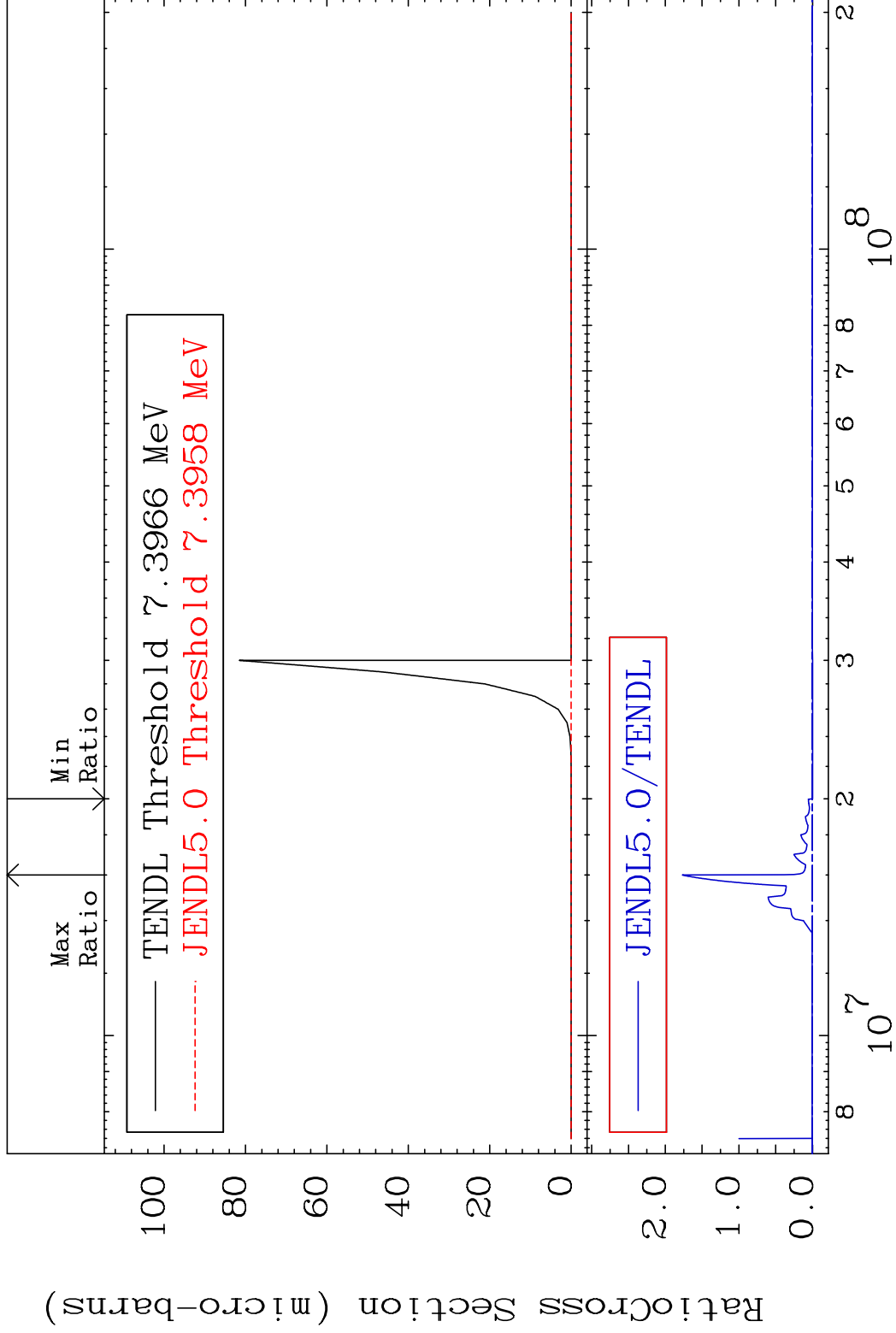


MAT 7334

(n, He-3)

73-Ta-183

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

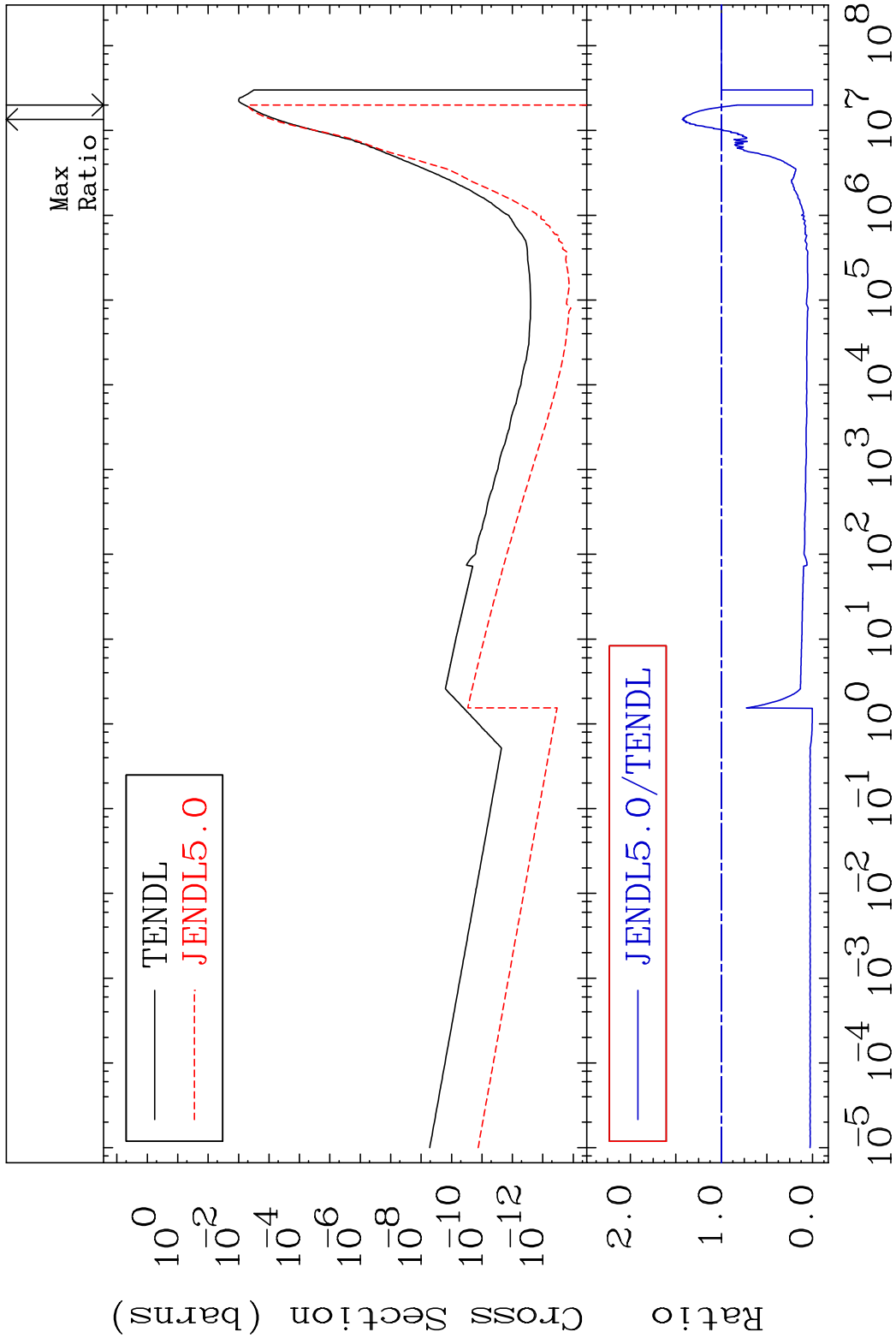
73-Ta-183

MAT 7334

(n, α)

73-Ta-183

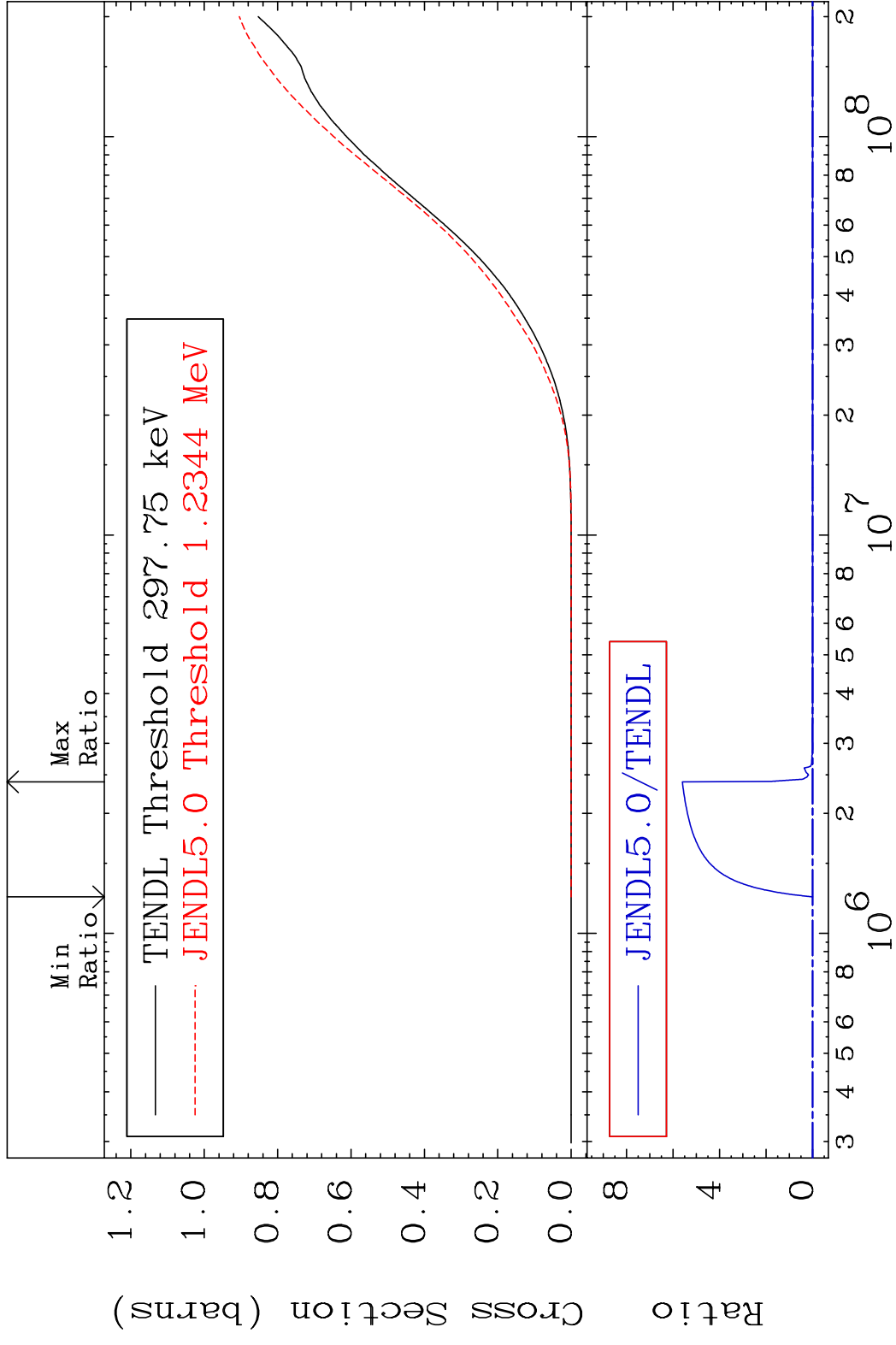
Cross Section -100.0 To 43.09 %

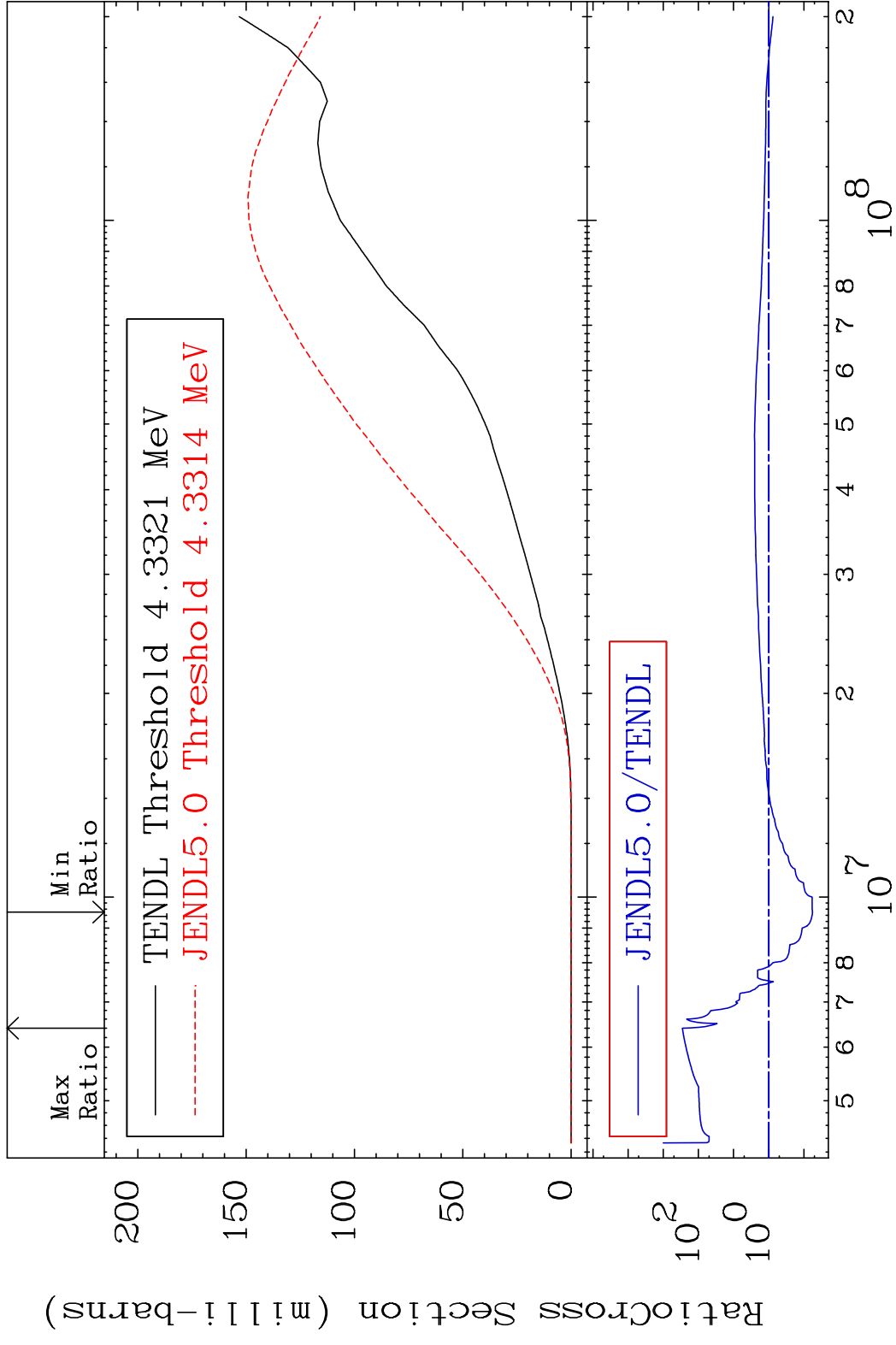


34

Incident Energy (eV)

73-Ta-183

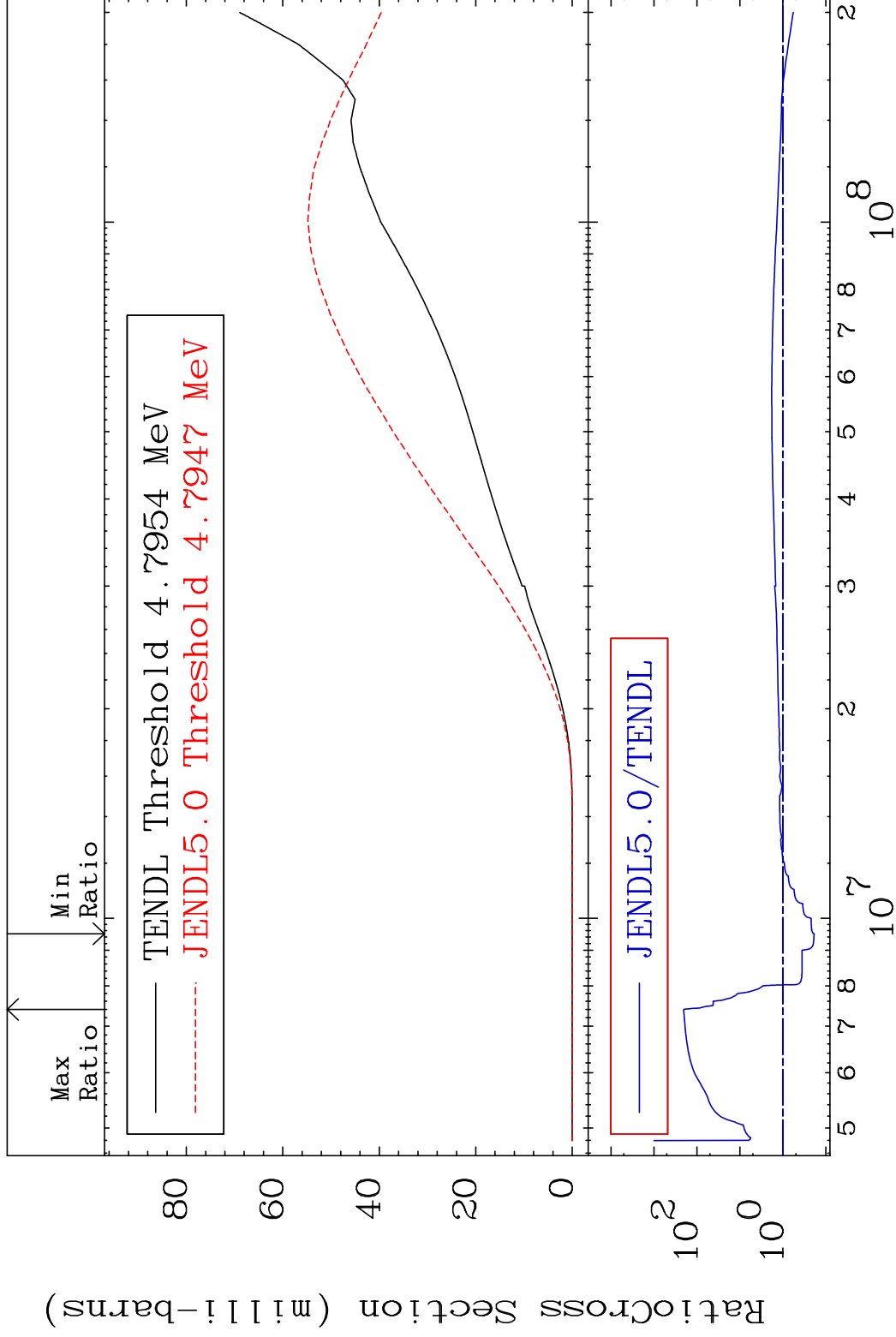




MAT 7334

Tritium Production 73-Ta-183

Cross Section -81.20 To 9999. %

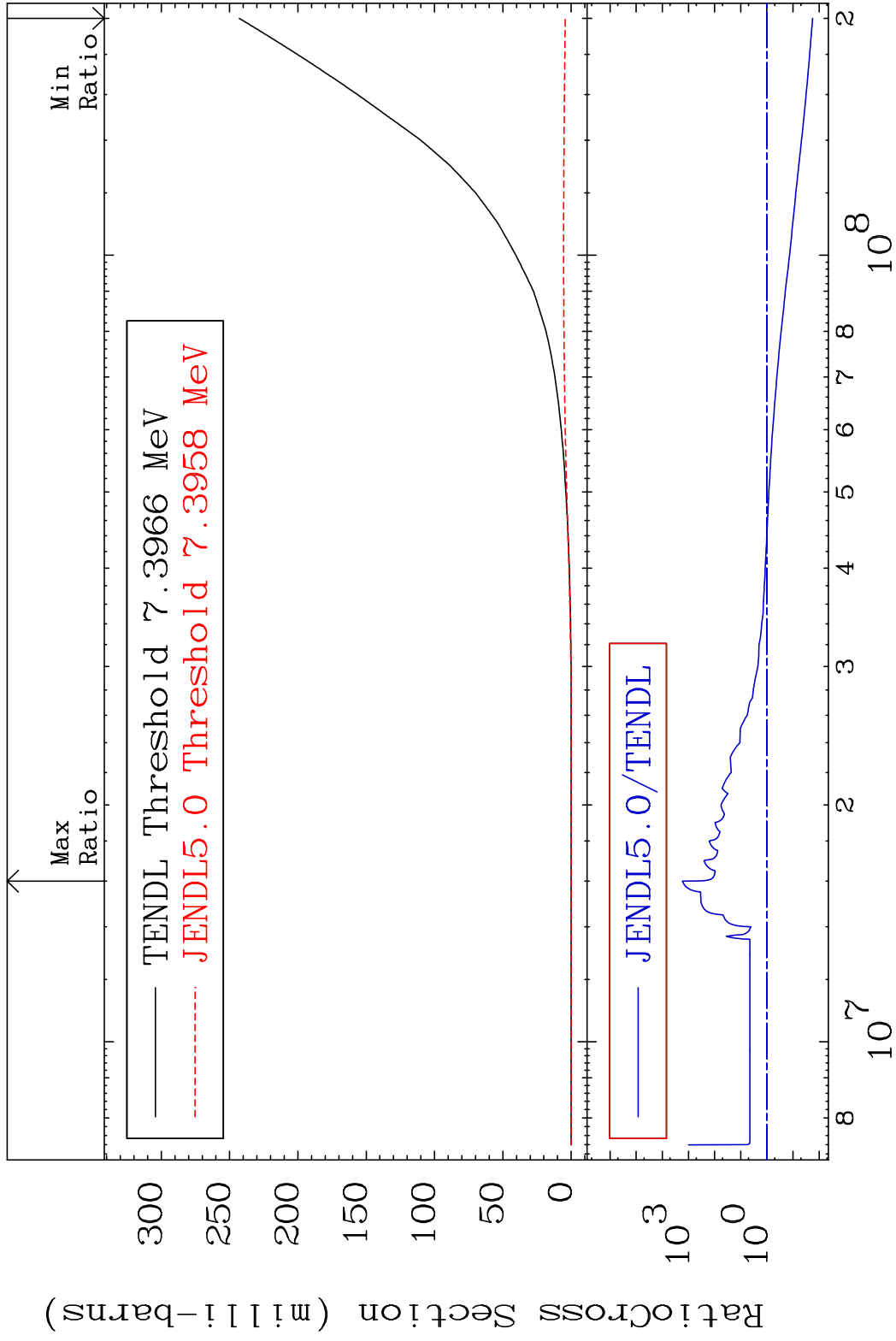


MAT 7334

He-3 Production

73-Ta-183

Cross Section -98.21 To 9999. %



38

Incident Energy (eV)

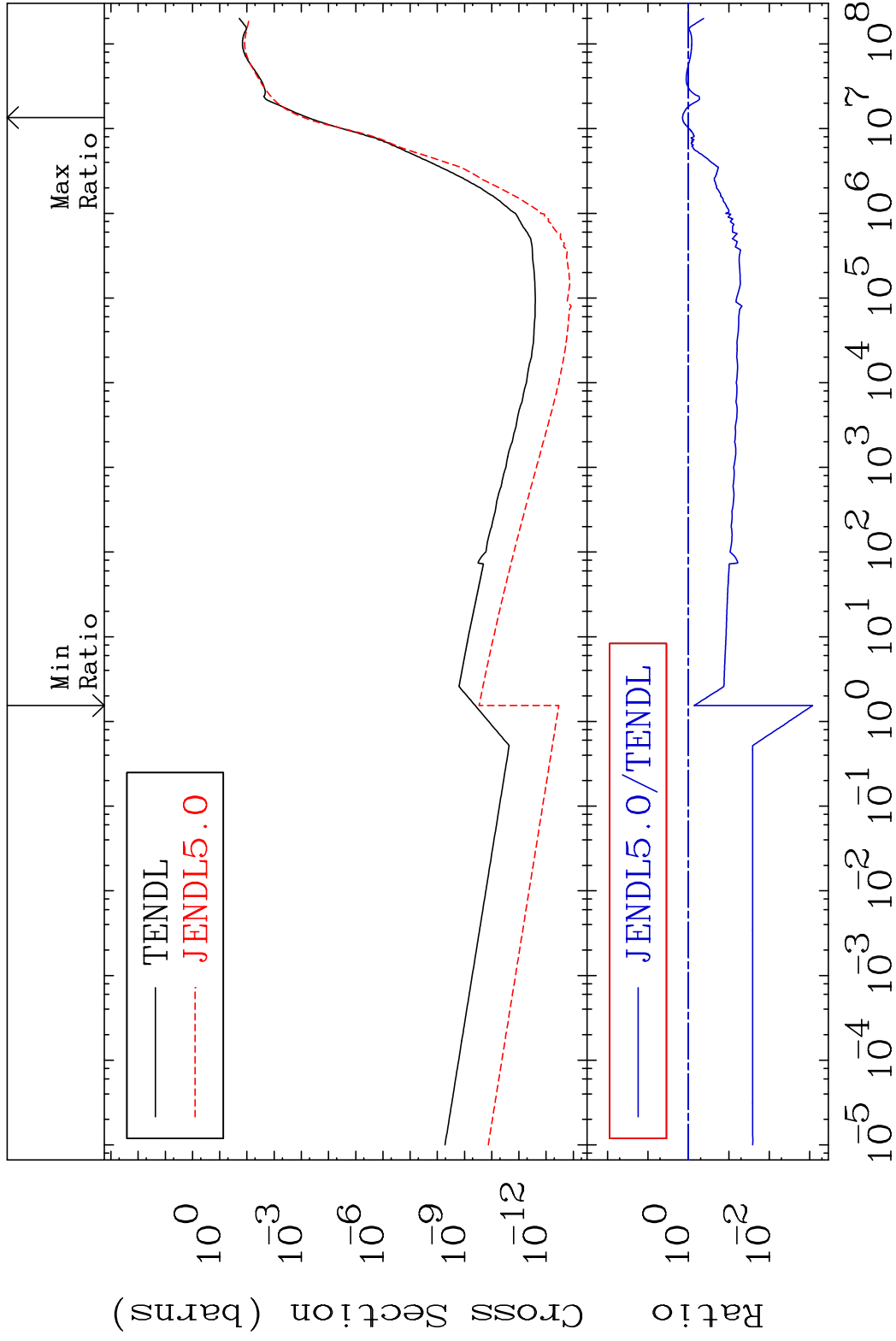
73-Ta-183

MAT 7334

He-4 Production

73-Ta-183

Cross Section -99.92 To 41.15 %

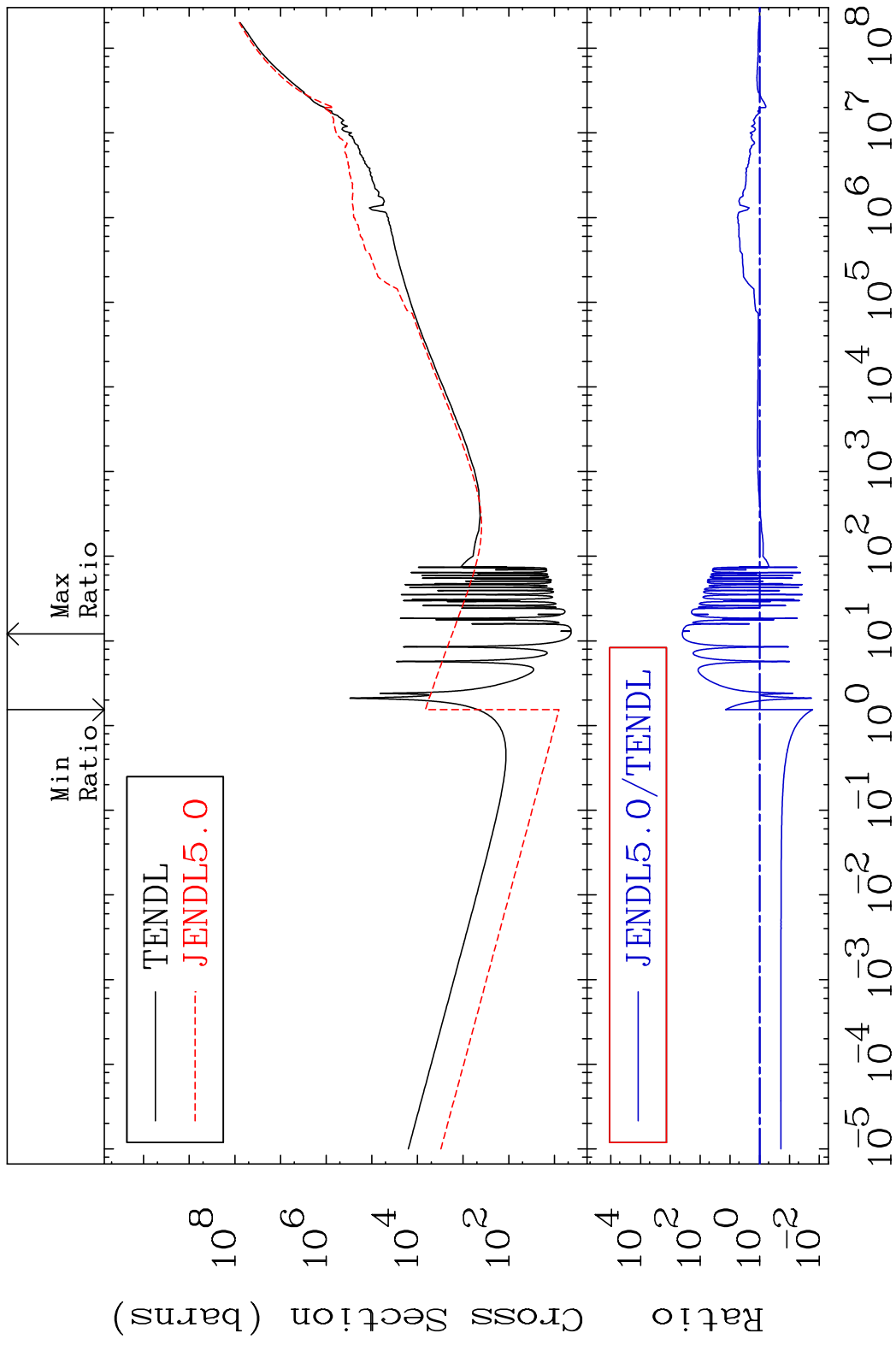


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Incident Energy (eV)

73-Ta-183

MAT 7334 Kerma total (eV-barns) 73-Ta-183
Cross Section -98.32 To 9999. %



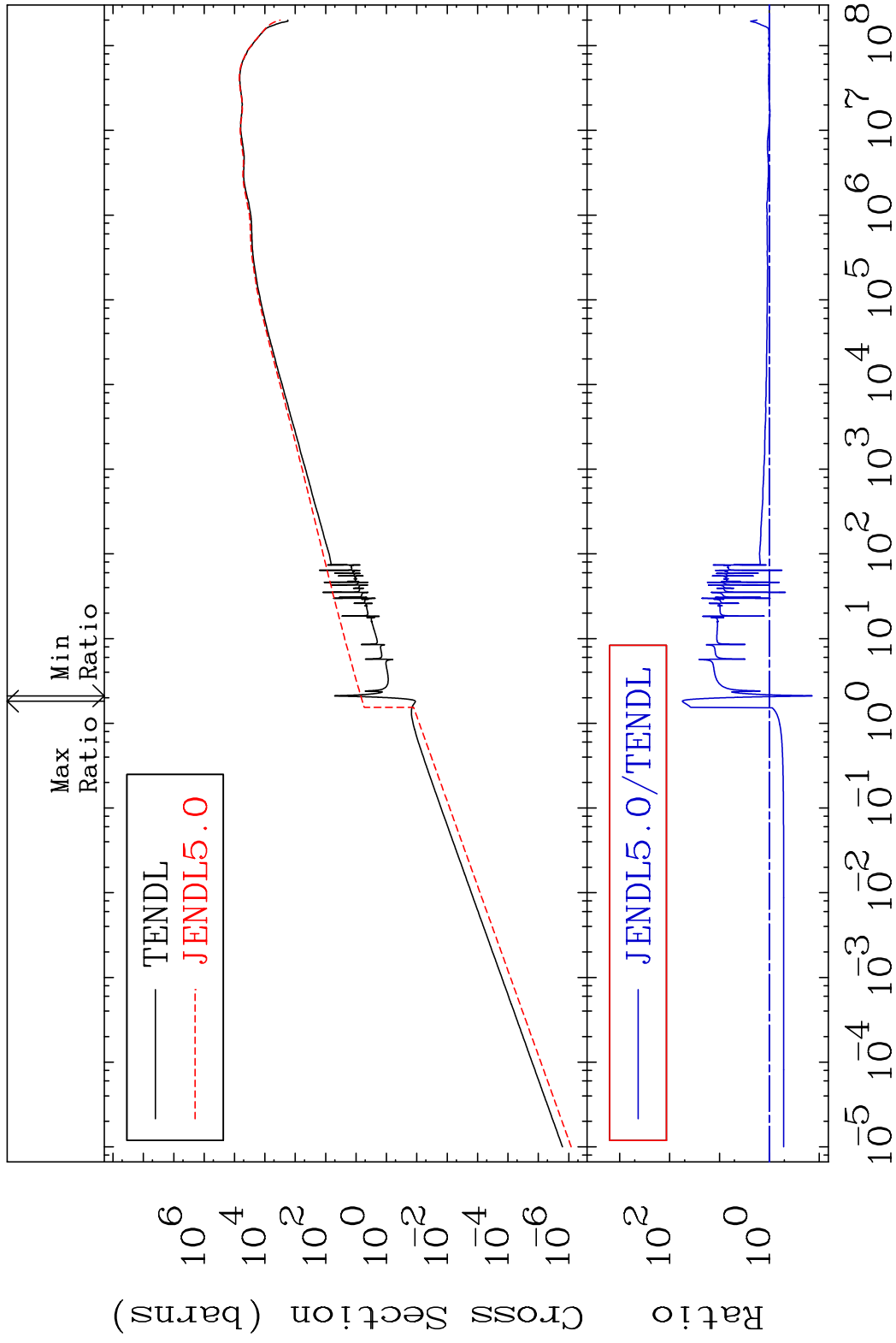
40 Incident Energy (eV) 73-Ta-183

MAT 7334

73-Ta-183

Kerma elastic

Cross Section -86.39 To 5447. %

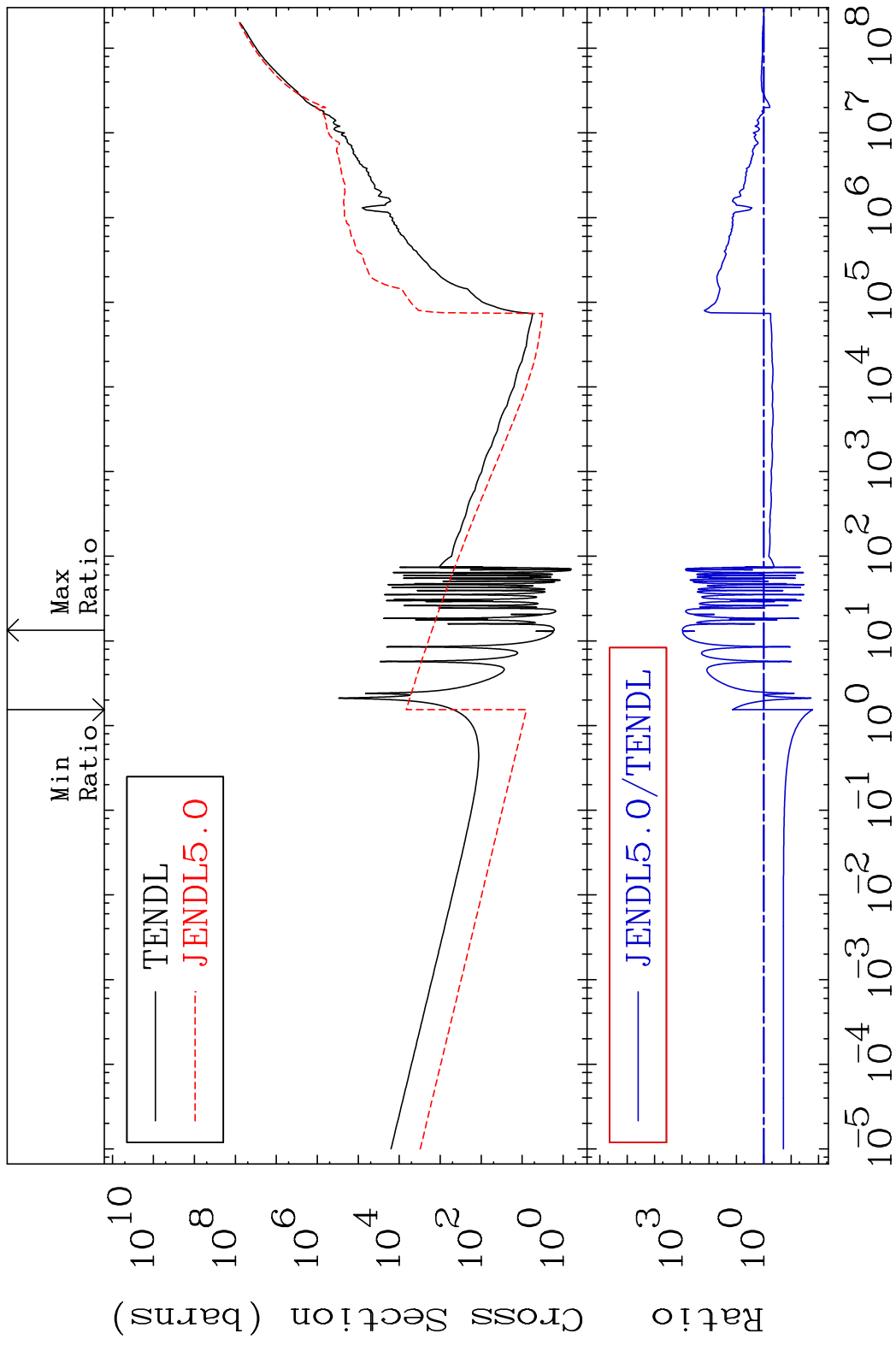


41

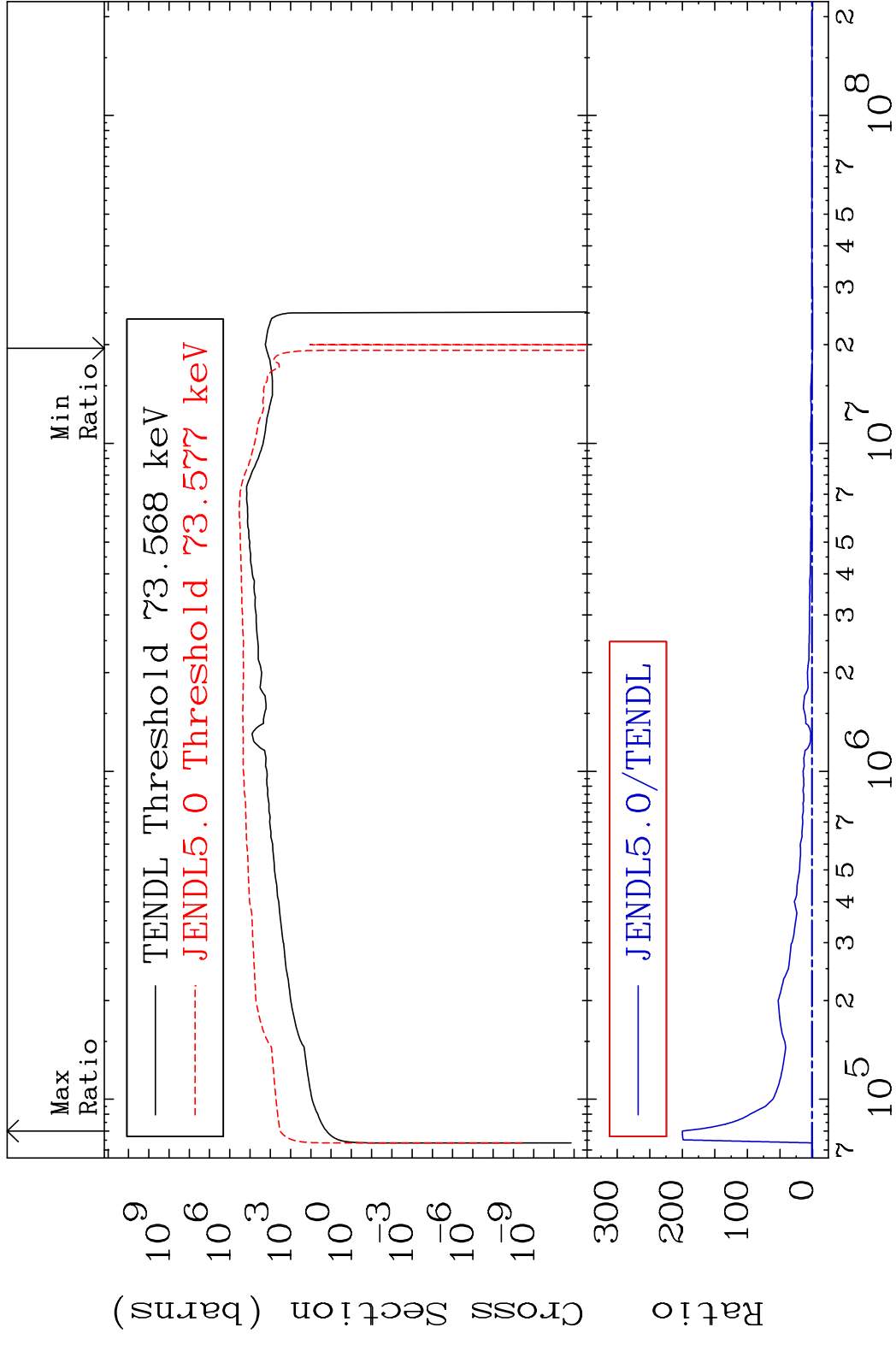
Incident Energy (eV)

73-Ta-183

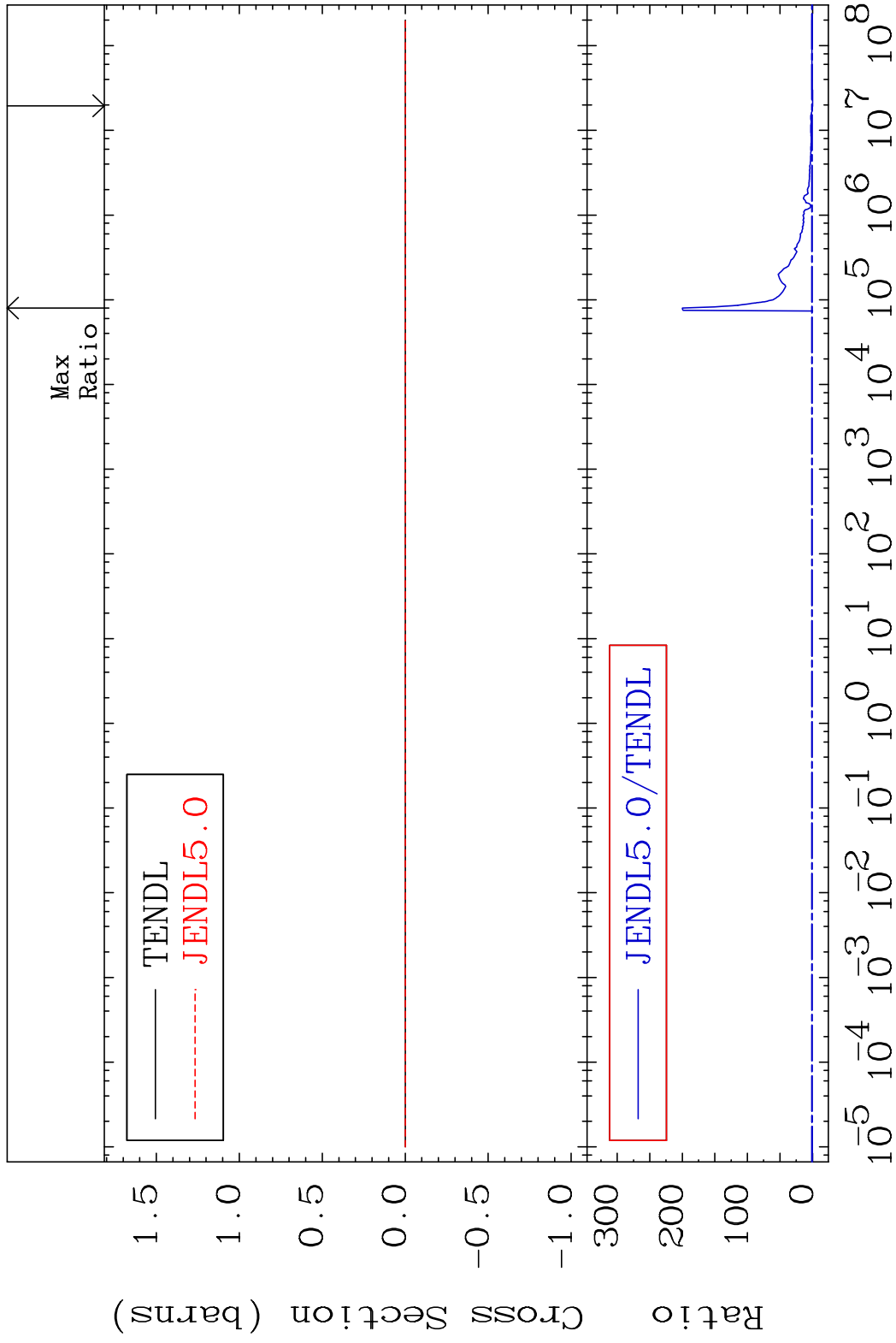
MAT 7334 Kerma non-elastic (all but mt2) 73-Ta-183
 Cross Section -98.34 To 9999. %



MAT 7334 Kerma inelastic (mt51-91) 73-Ta-183
 Cross Section -107.5 To 9999. %



MAT 7334 Kerma fission (mt18 or mt19-20-21-38)73-Ta-183
 Cross Section -107.5 To 9999. %

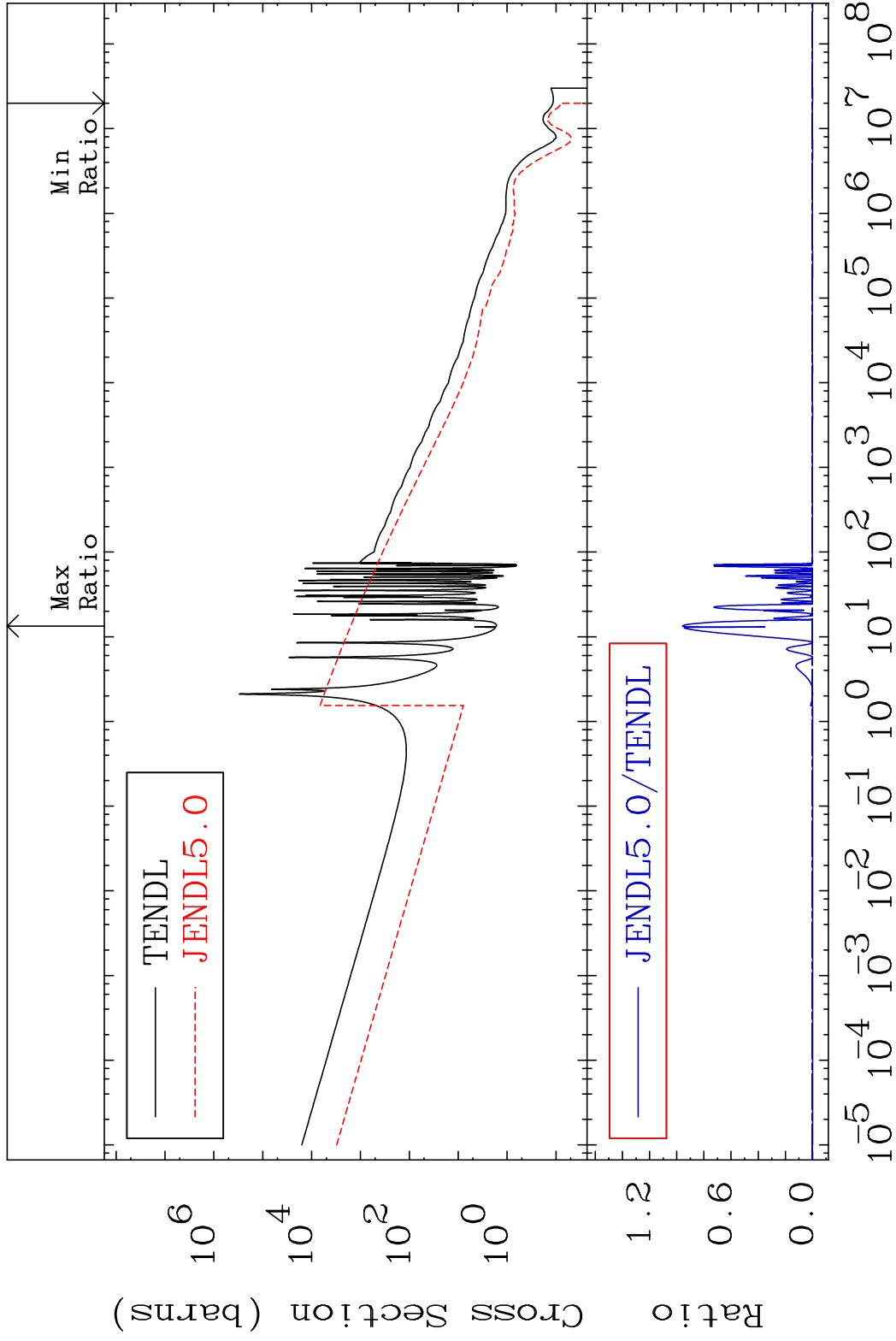


MAT 7334

Kerma capture (mt102)

73-Ta-183

Cross Section -100.0 To 9999. %

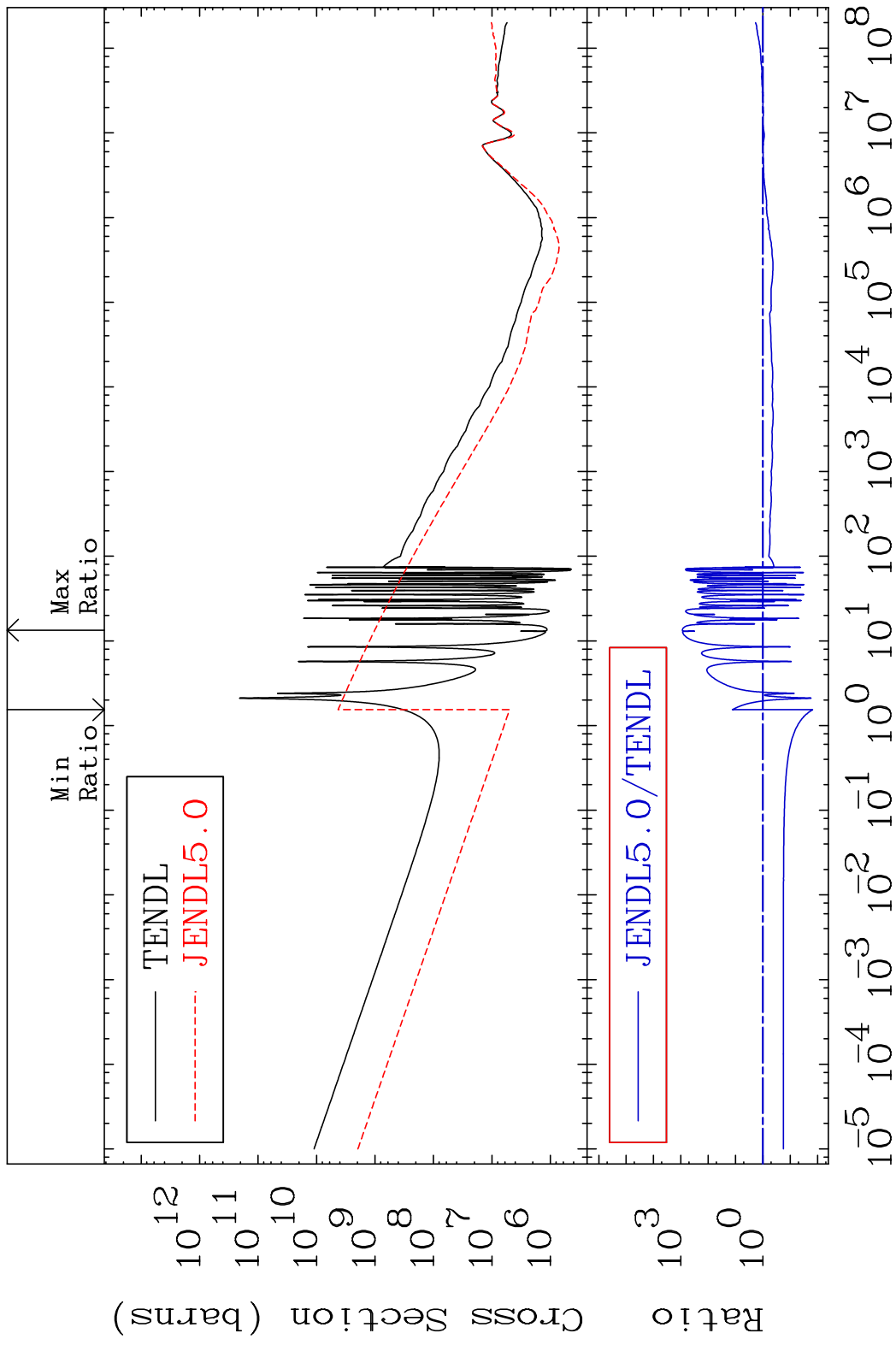


45

Incident Energy (eV)

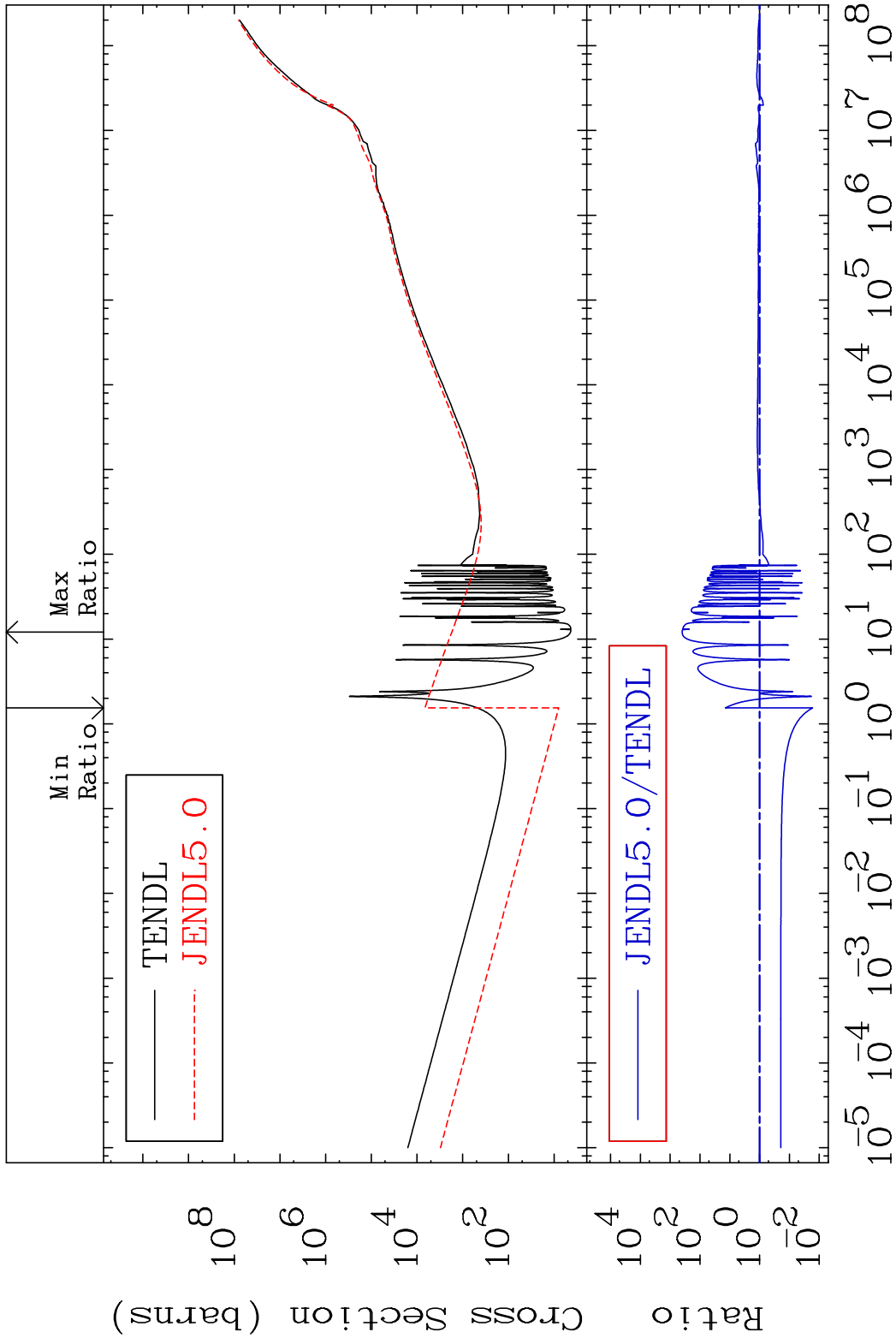
73-Ta-183

MAT 7334 Total photon (eV-barns) 73-Ta-183
 Cross Section -98.48 To 9999. %

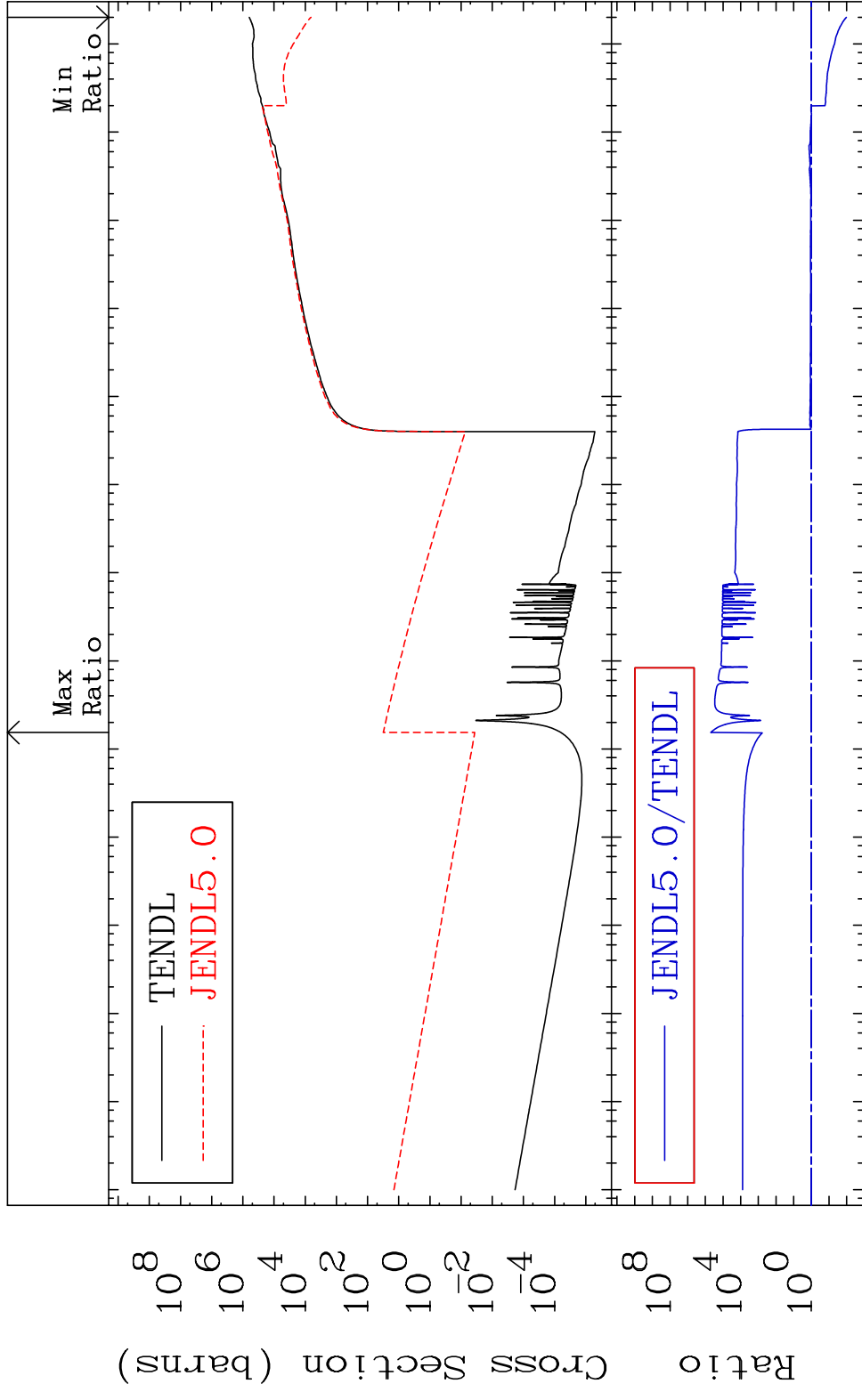


46 Incident Energy (eV) 73-Ta-183

MAT 7334 Total kinematic kerma (high limit) 73-Ta-183
 Cross Section -98.32 To 9999. %



MAT 7334 Dpa total (eV-barns) 73-Ta-183
 Cross Section -98.95 To 9999. %



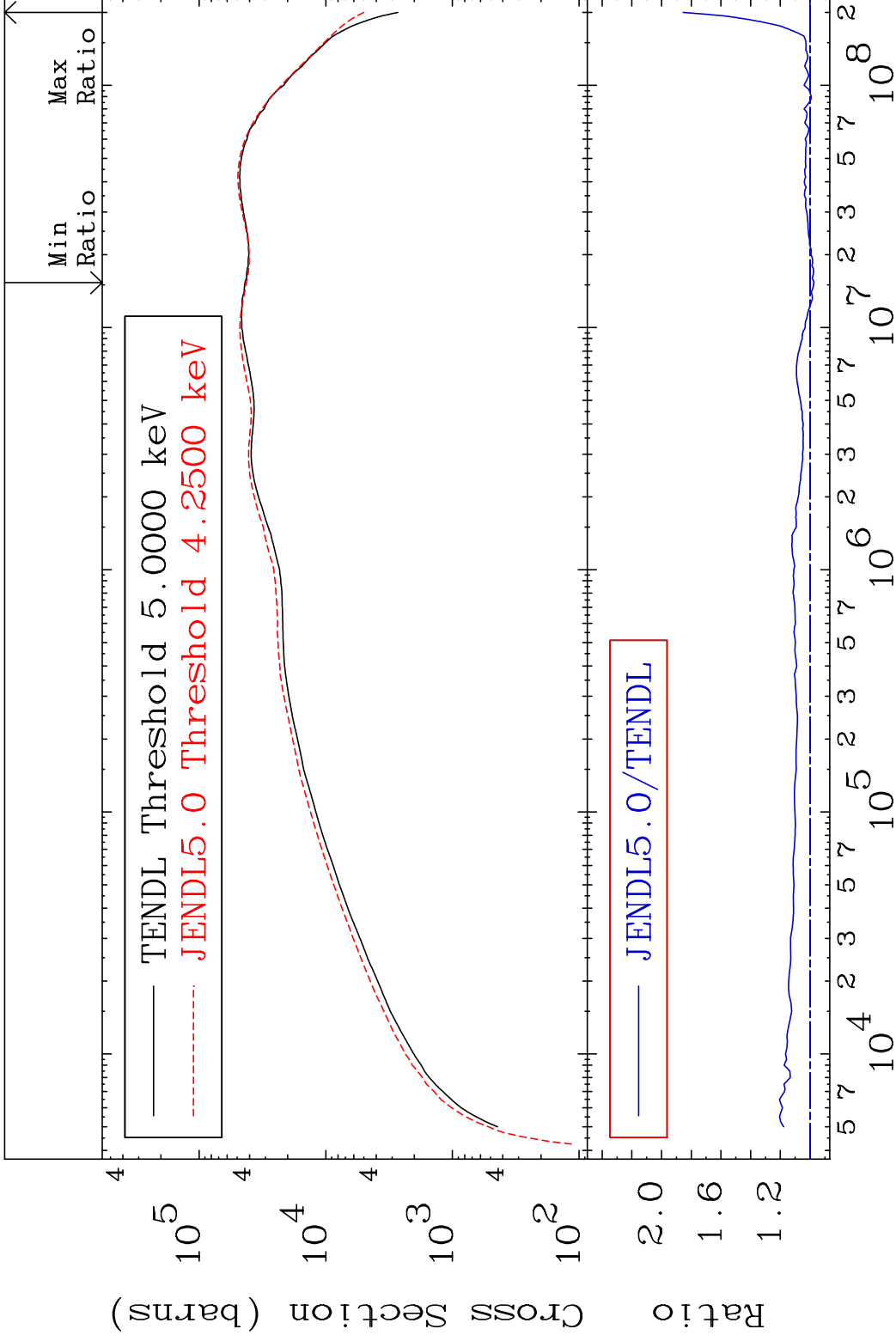
10⁸
 10⁶
 10⁴
 10²
 10⁰
 10⁻²
 10⁻⁴
 10⁸
 10⁴
 10⁰
 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

MAT 7334

Dpa elastic (mt2)

73-Ta-183

Cross Section -2.603 To 85.50 %

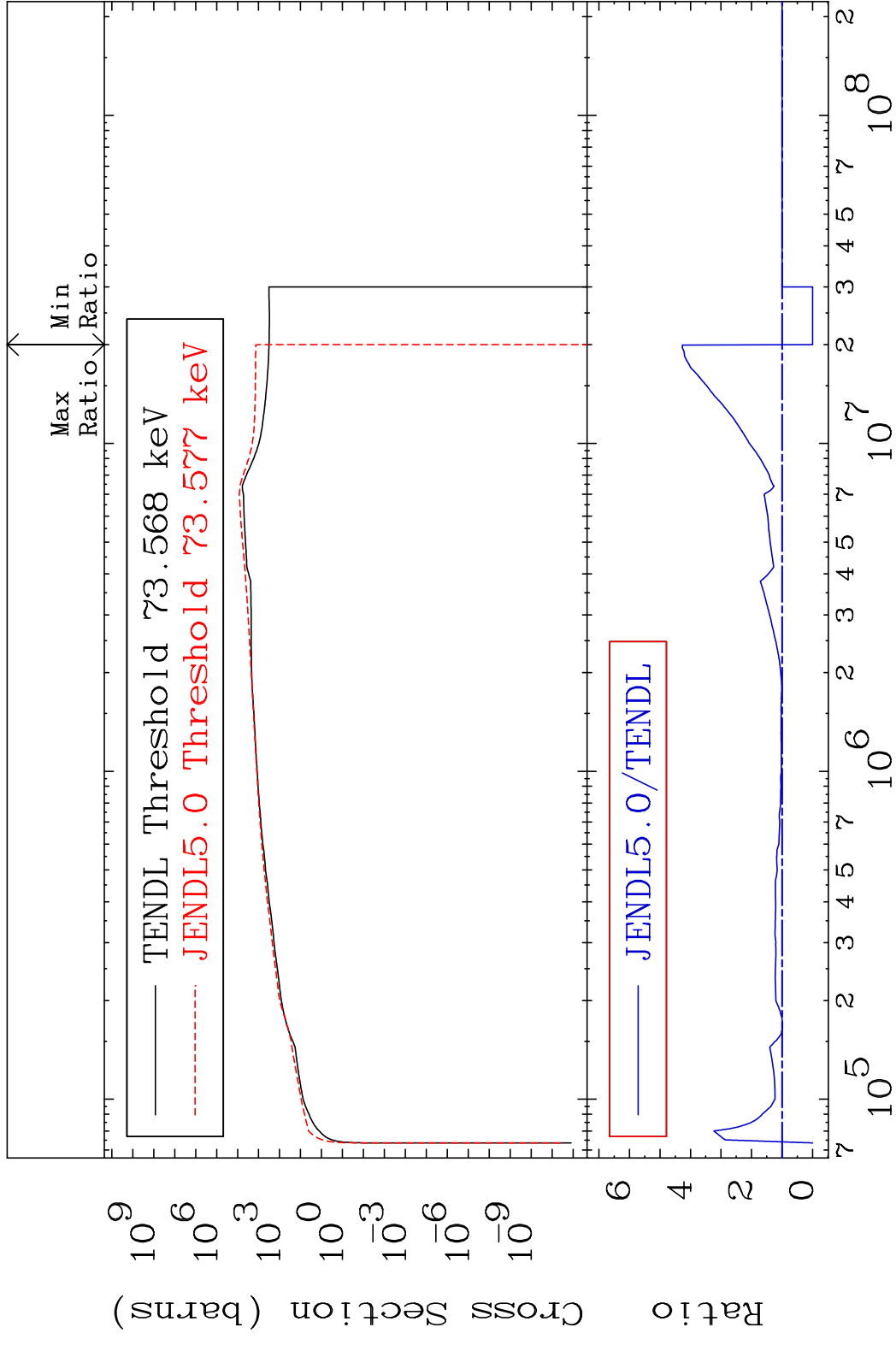


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Incident Energy (eV)

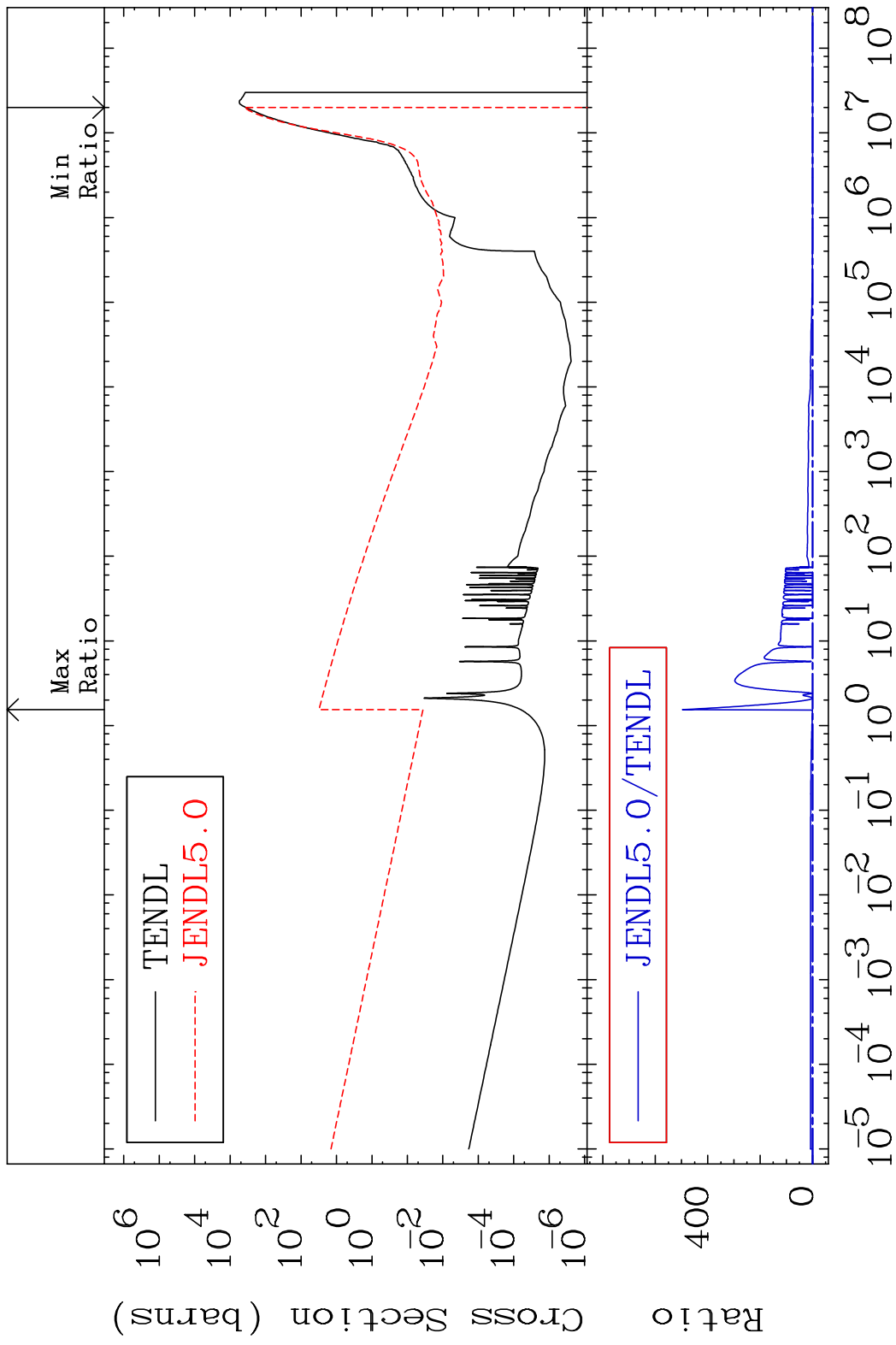
73-Ta-183

MAT 7334 Dpa inelastic (mt51-91) 73-Ta-183
 Cross Section -100.0 To 326.7 %

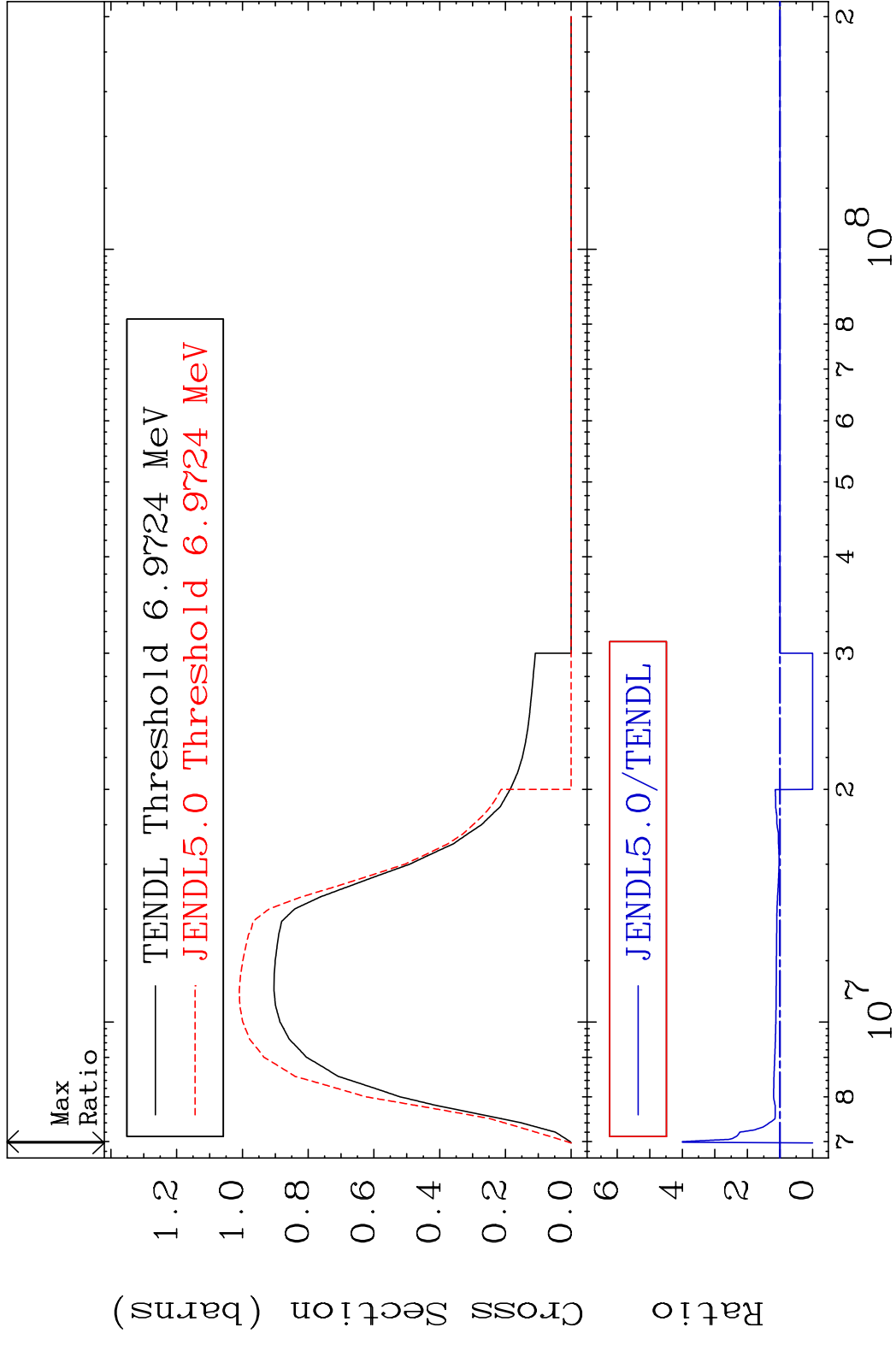


50 Incident Energy (eV) 73-Ta-183

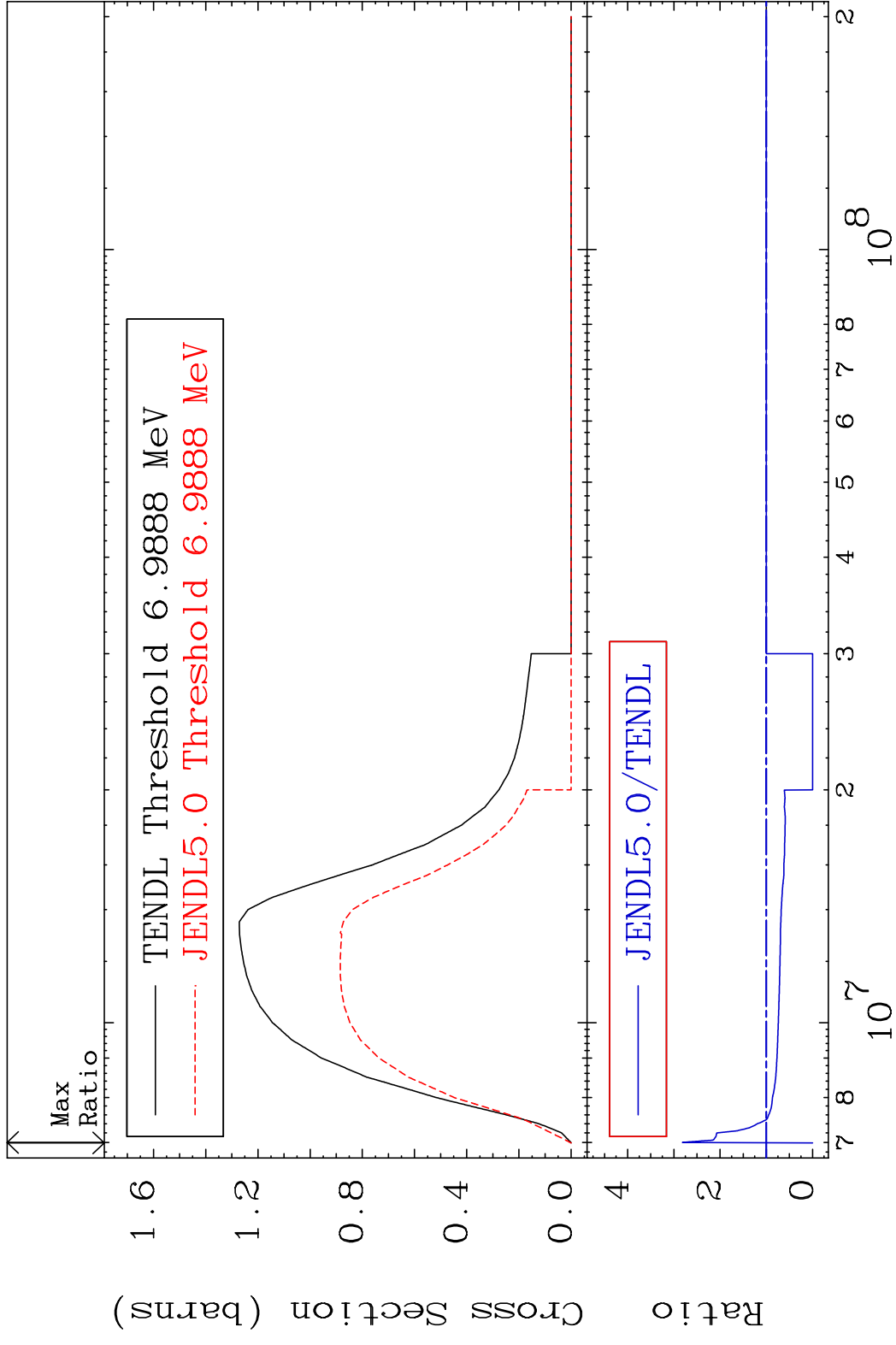
MAT 7334 Dpa disappearance (mt102 -120) 73-Ta-183
 Cross Section -100.0 To 9999. %

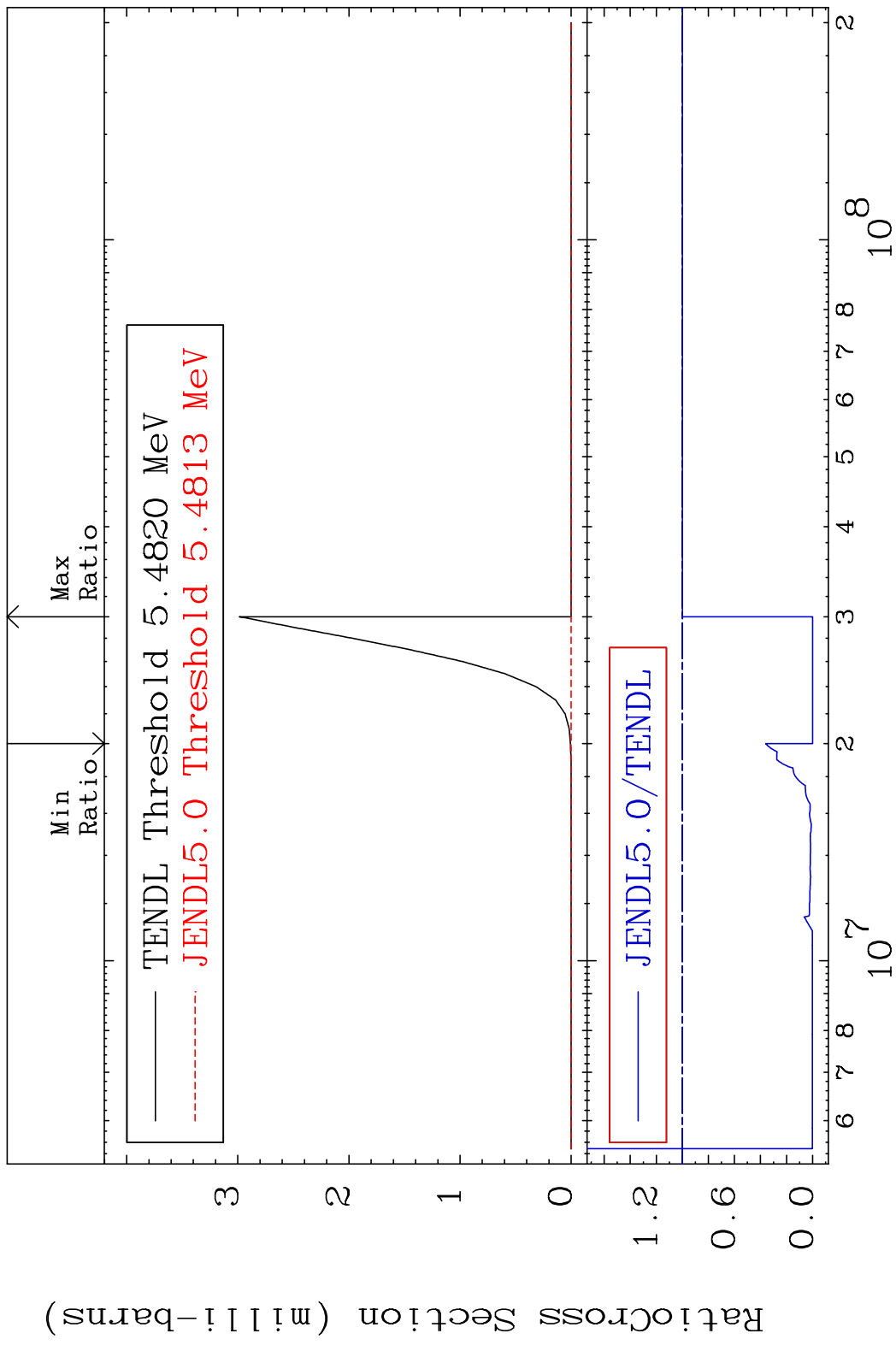


MAT 7334 (n,2n):73-Ta-182g 73-Ta-183
 Radionuclide Production Cross Section Ratio 299.9 %



MAT 7334 (n,2n):73-Ta-182m1 73-Ta-183
 Radionuclide Production Cross Section Ratio 181.6 %





MAT 7334 (n,2n) α :71-Lu-178m3 73-Ta-183
 Radionuclide Production Cross Section Ratio 0.000 %

