

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

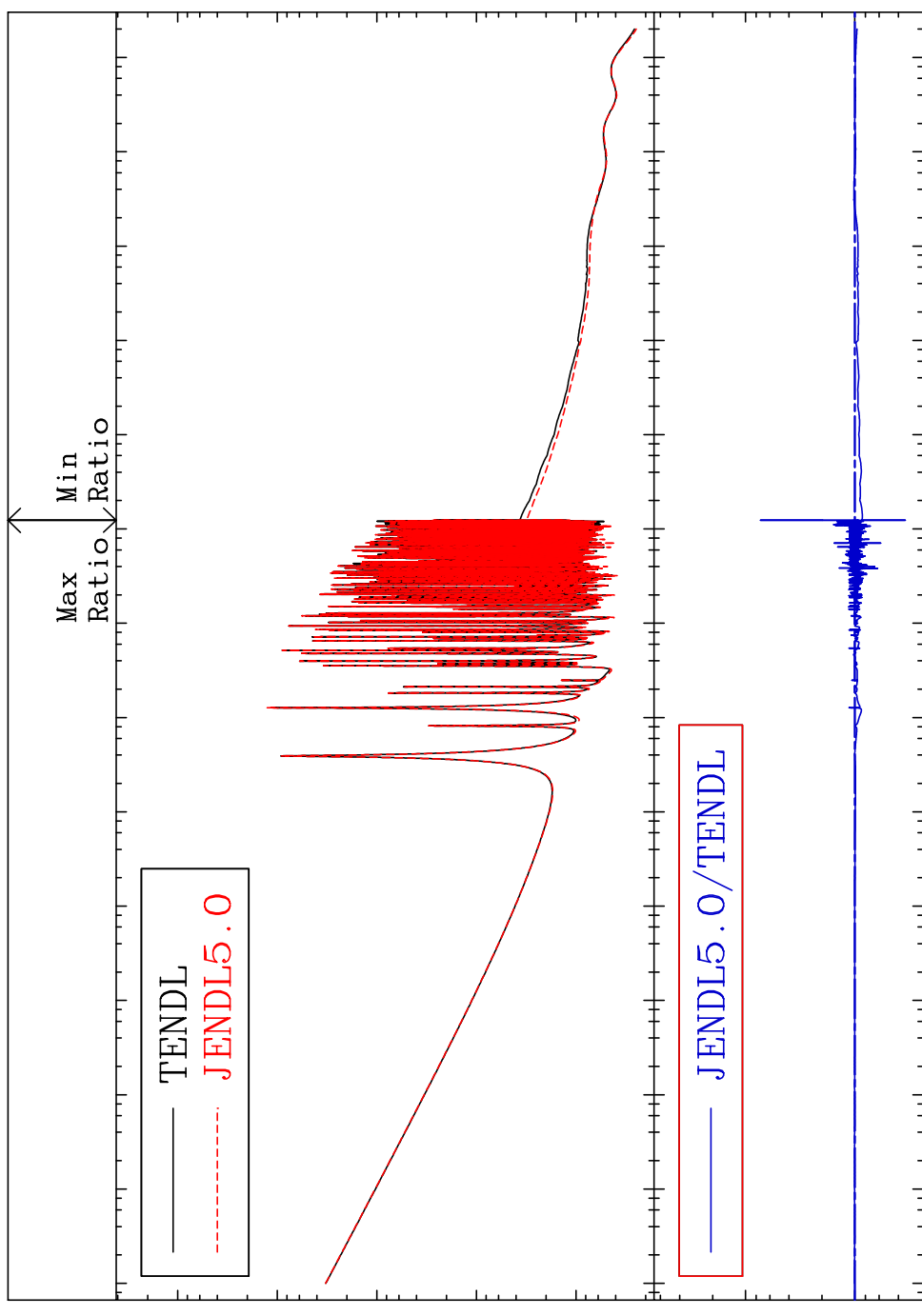
MAT 6725

Total

67-Ho-165

Cross Section

-65.39 To 634.4 %



10⁵
10⁴
10³
10²
10¹
Ratio
10¹
10⁰

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

1

Incident Energy (eV)

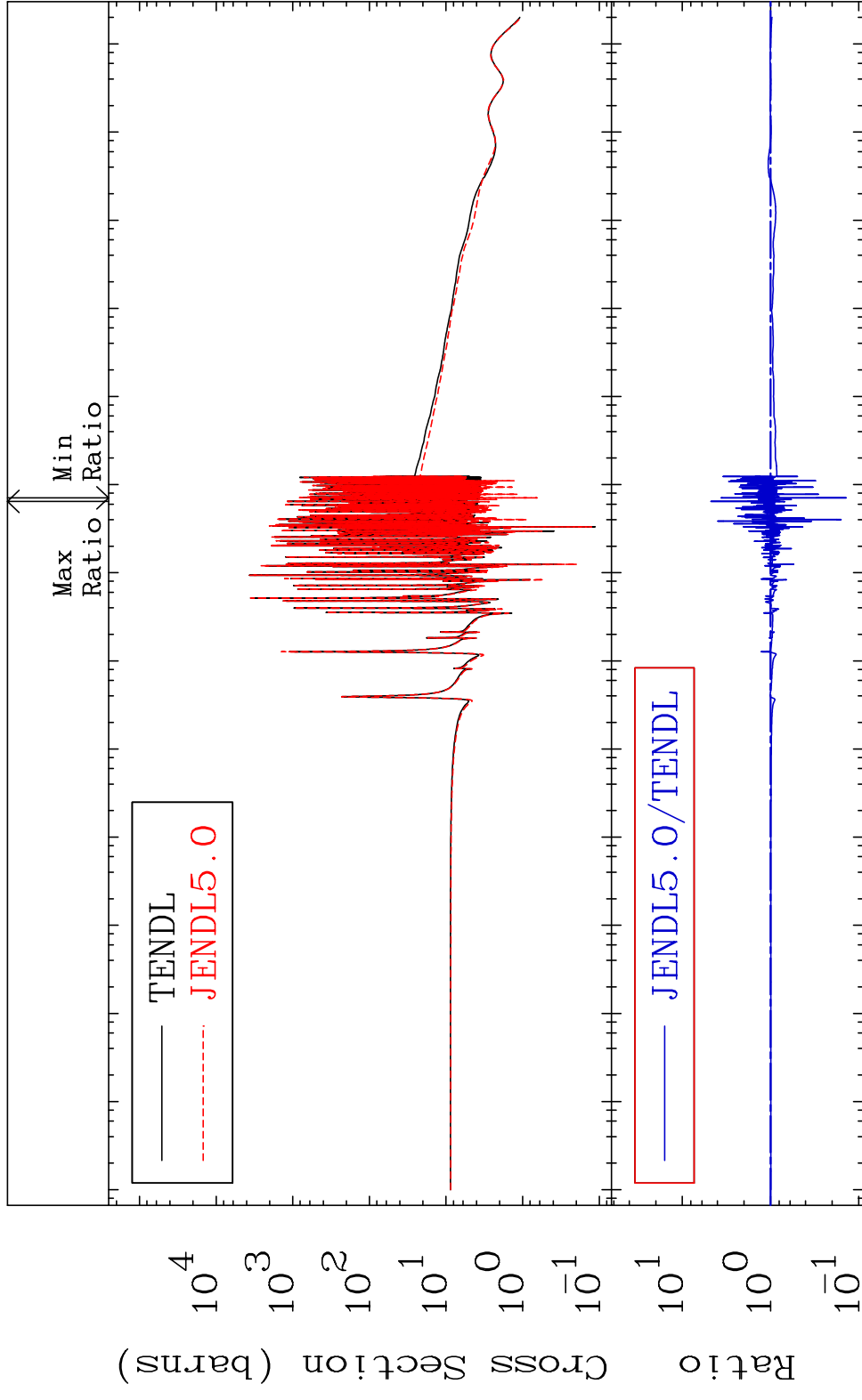
67-Ho-165

MAT 6725

Elastic

67-Ho-165

Cross Section -86.19 To 376.8 %

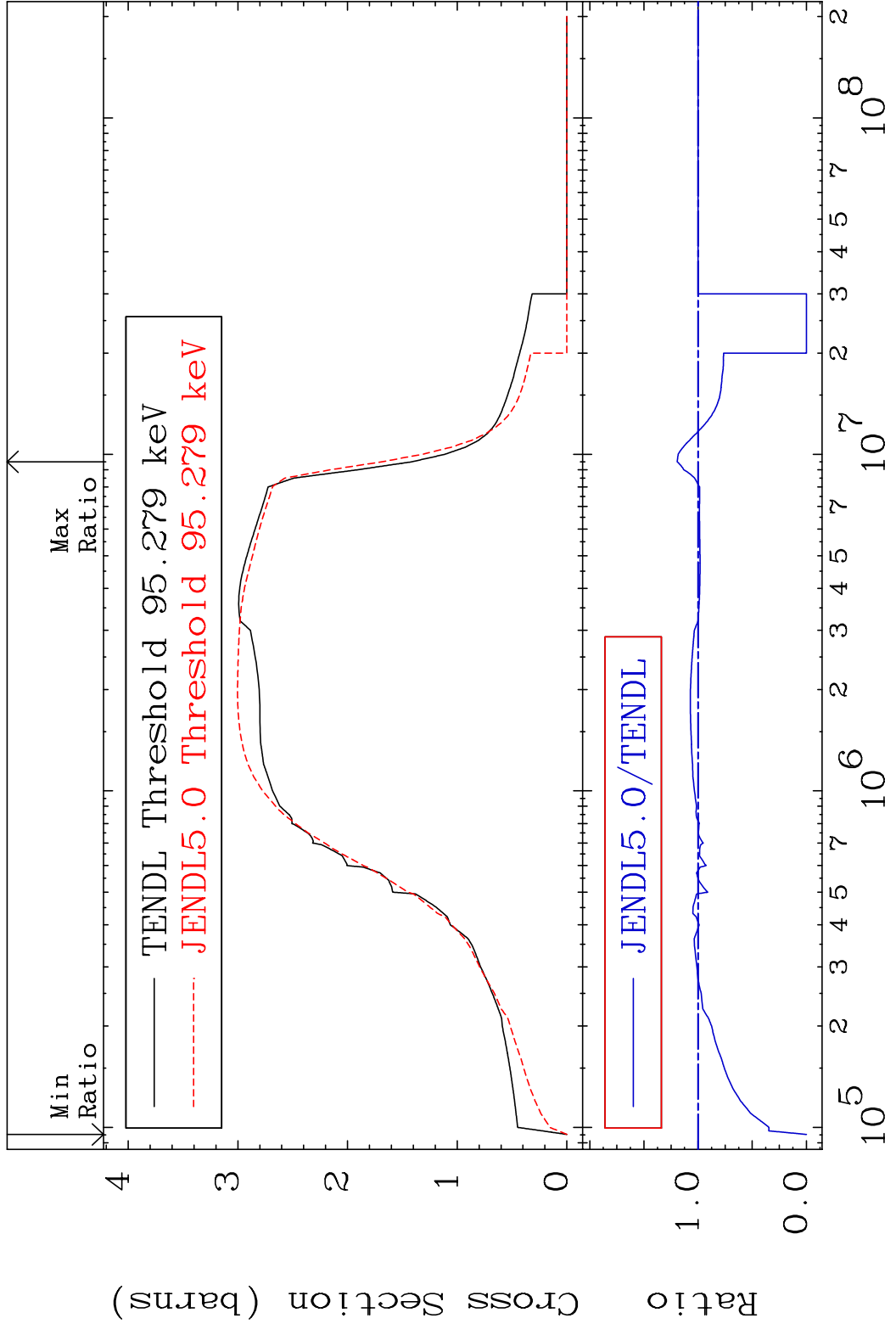


2

Incident Energy (eV)

67-Ho-165

MAT 6725 Inelastic Cross Section -100.0 To 19.29 % 67-Ho-165



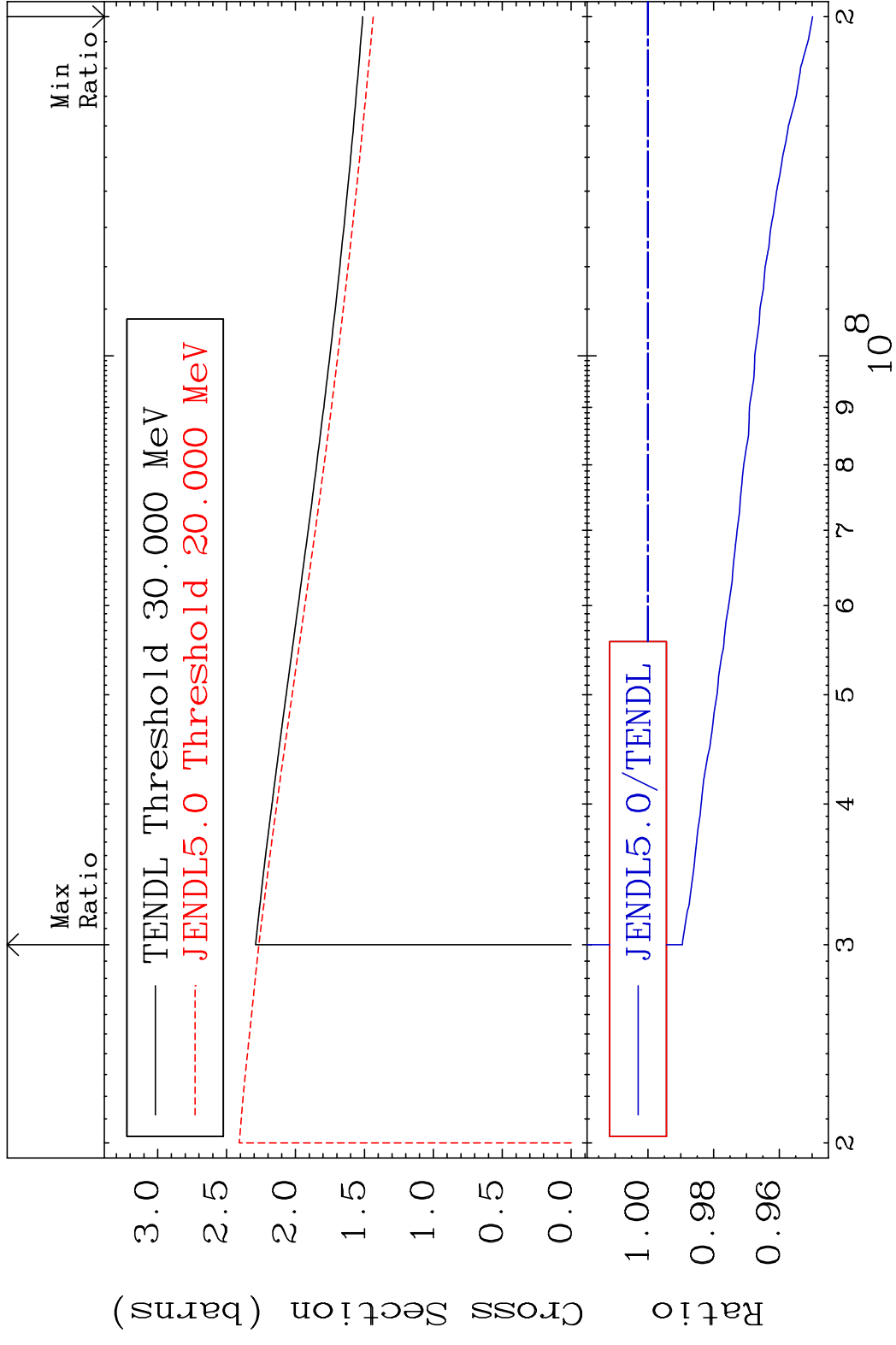
3 Incident Energy (eV) 67-Ho-165

MAT 6725

(n, remainder)

67-Ho-165

Cross Section -5.012 To -1.049%



4

Incident Energy (eV)

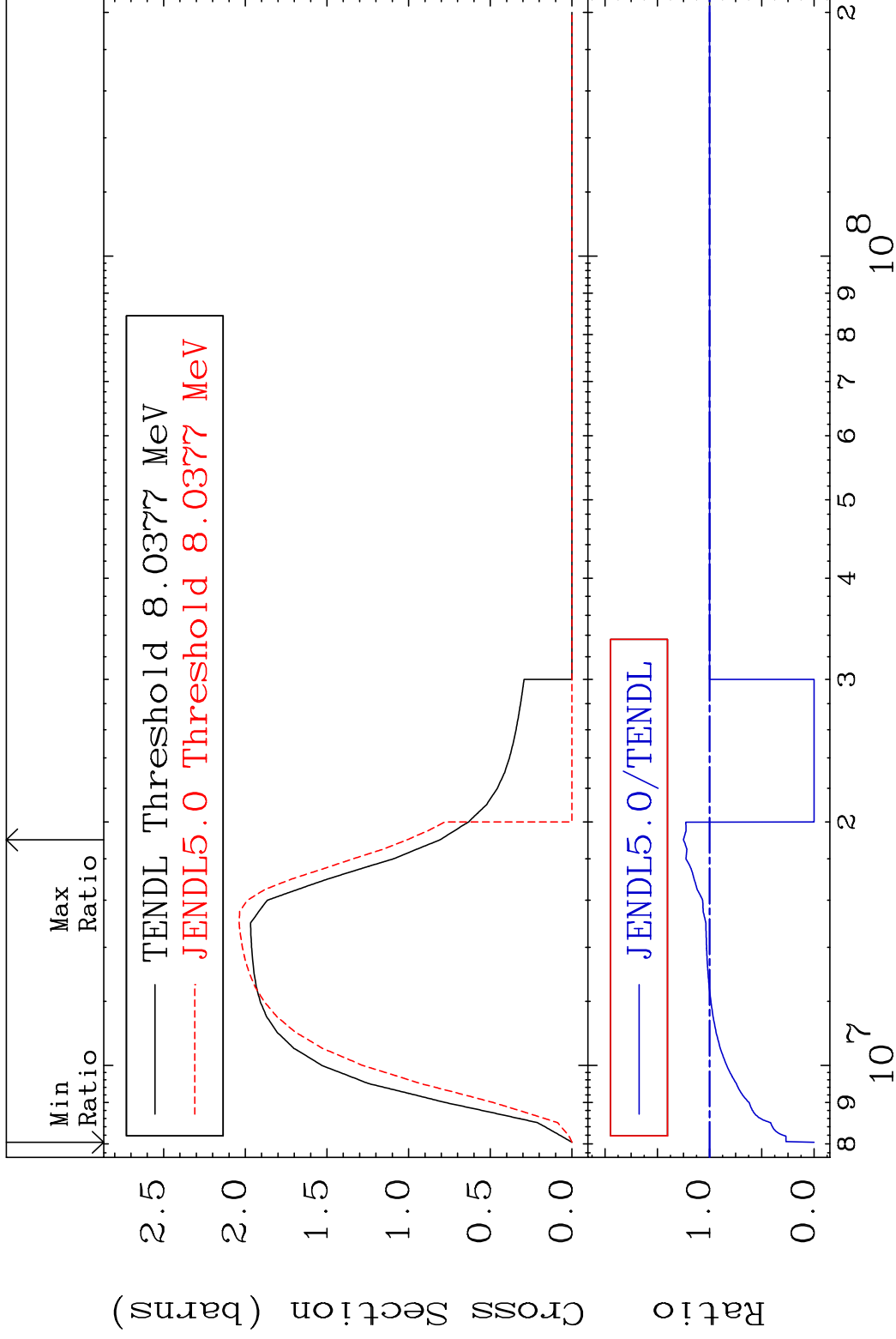
67-Ho-165

MAT 6725

(n,2n)

67-Ho-165

Cross Section -100.0 To 24.98 %

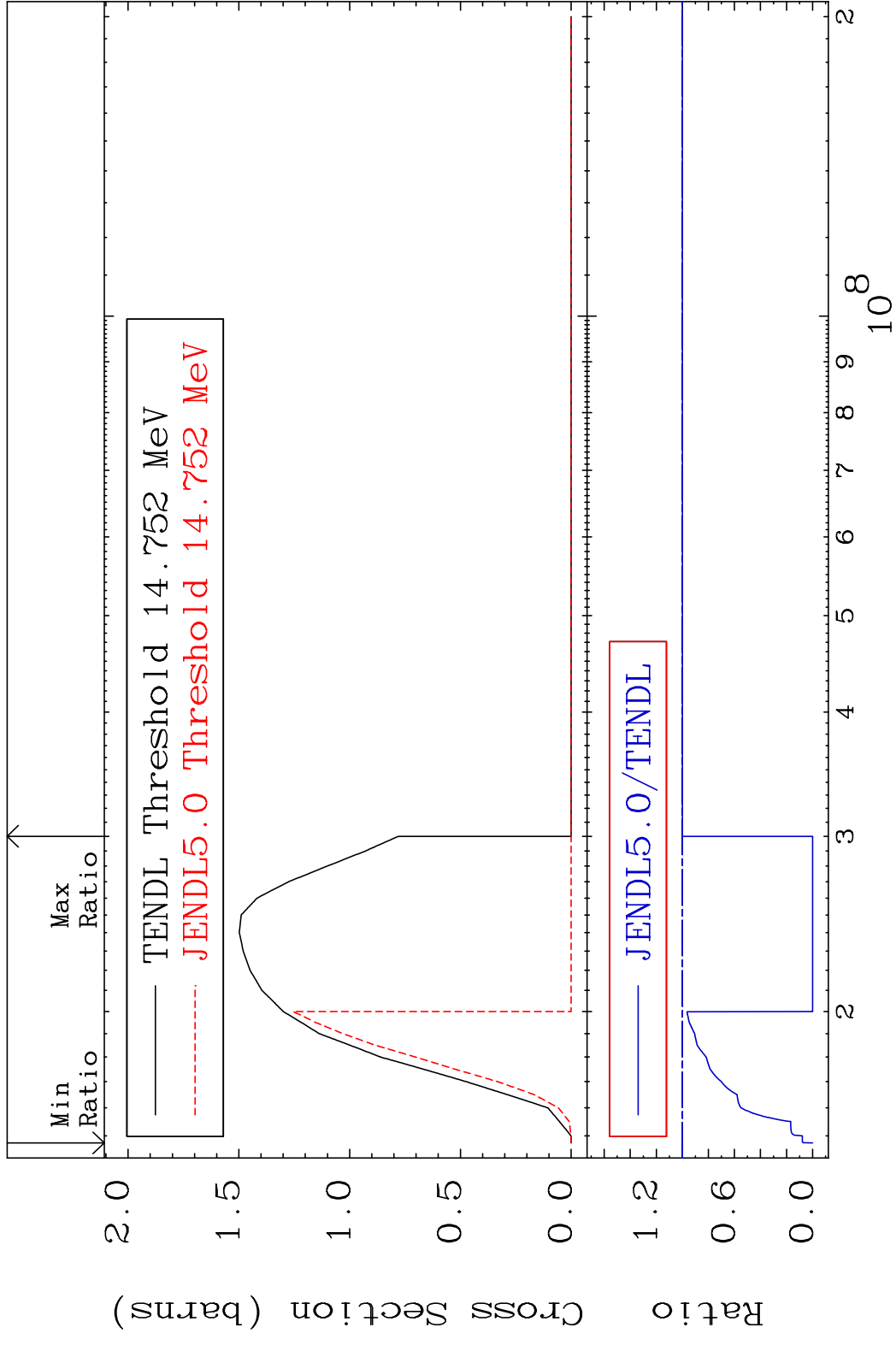


5

Incident Energy (eV)

67-Ho-165

MAT 6725 (n,3n) 67-Ho-165
 Cross Section -100.0 To 0.000 %

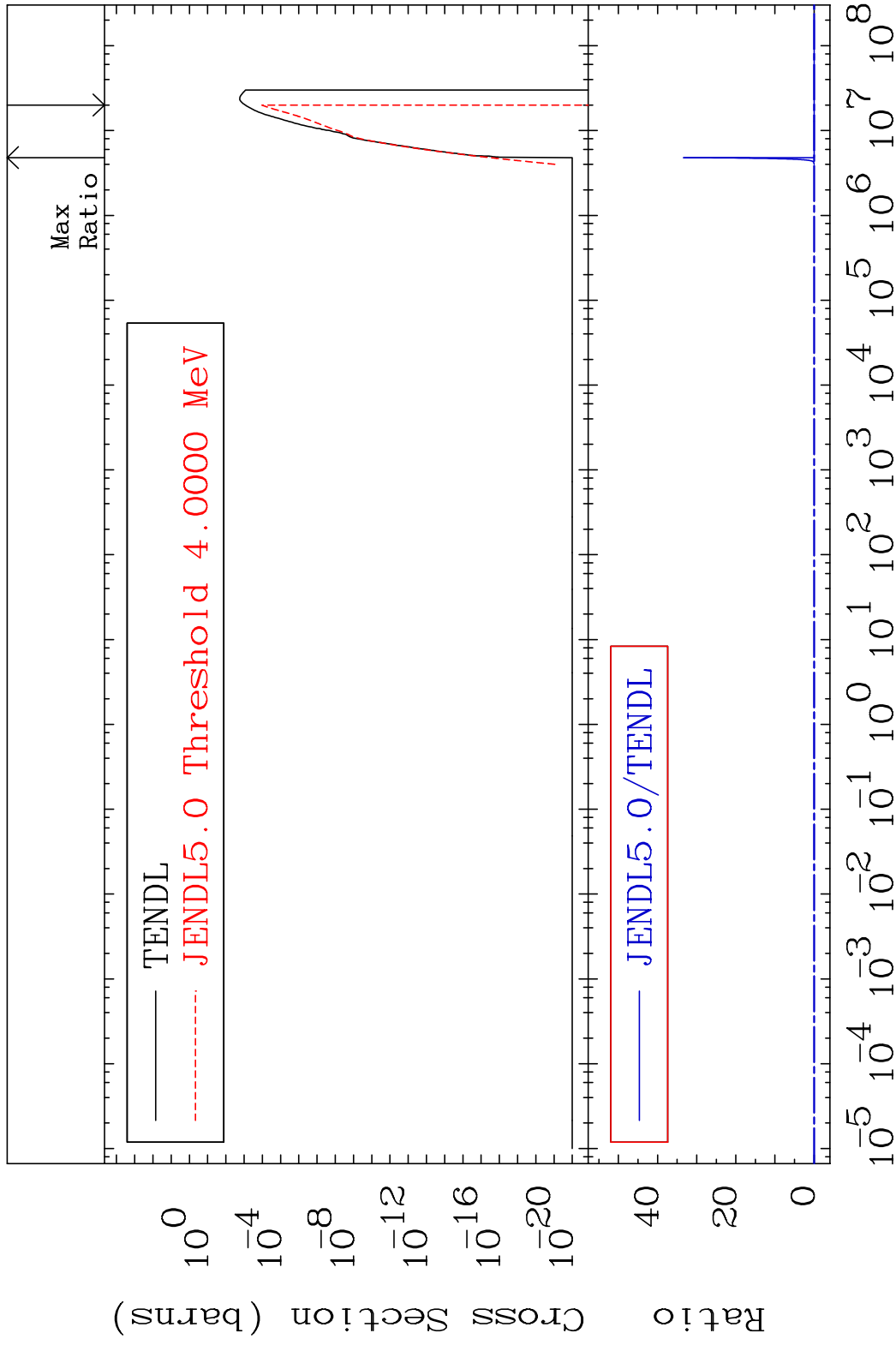


MAT 6725

(n, n') α

67-Ho-165

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

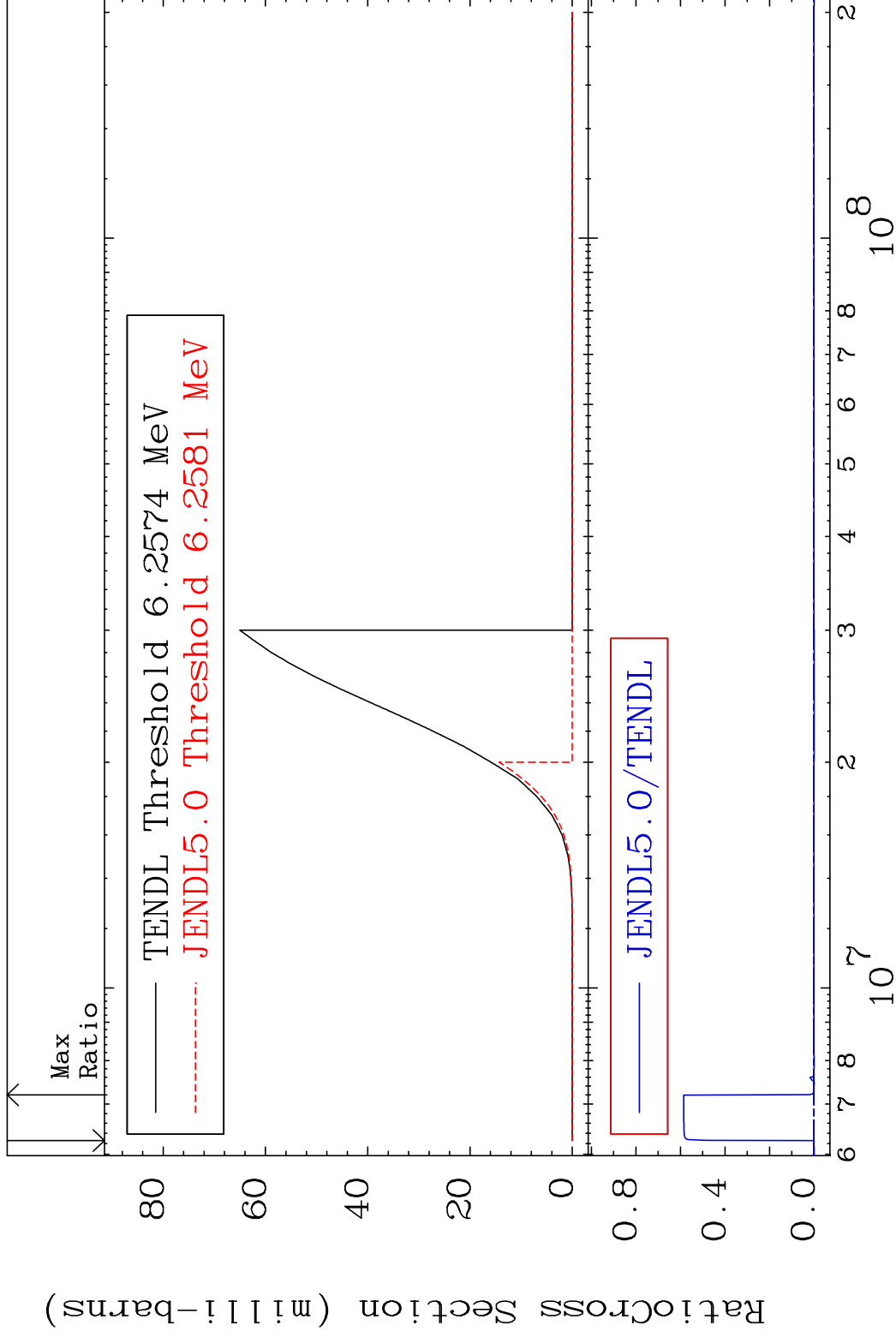
67-Ho-165

MAT 6725

(n, n') p

67-Ho-165

Cross Section -100.0 To 9999. %

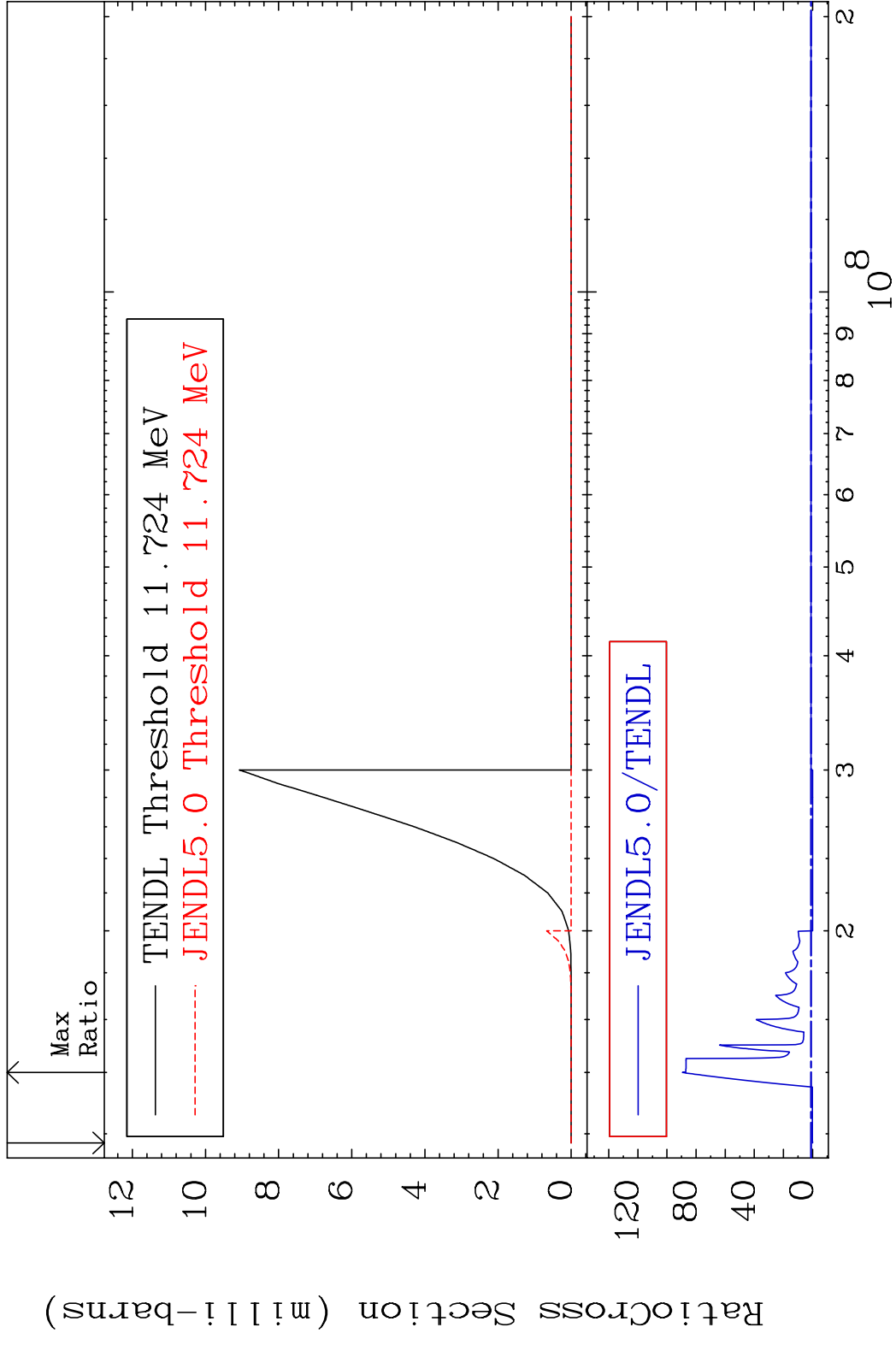


8

Incident Energy (eV)

67-Ho-165

MAT 6725 (n, n') d 67-Ho-165
 Cross Section -100.0 To 8843. %

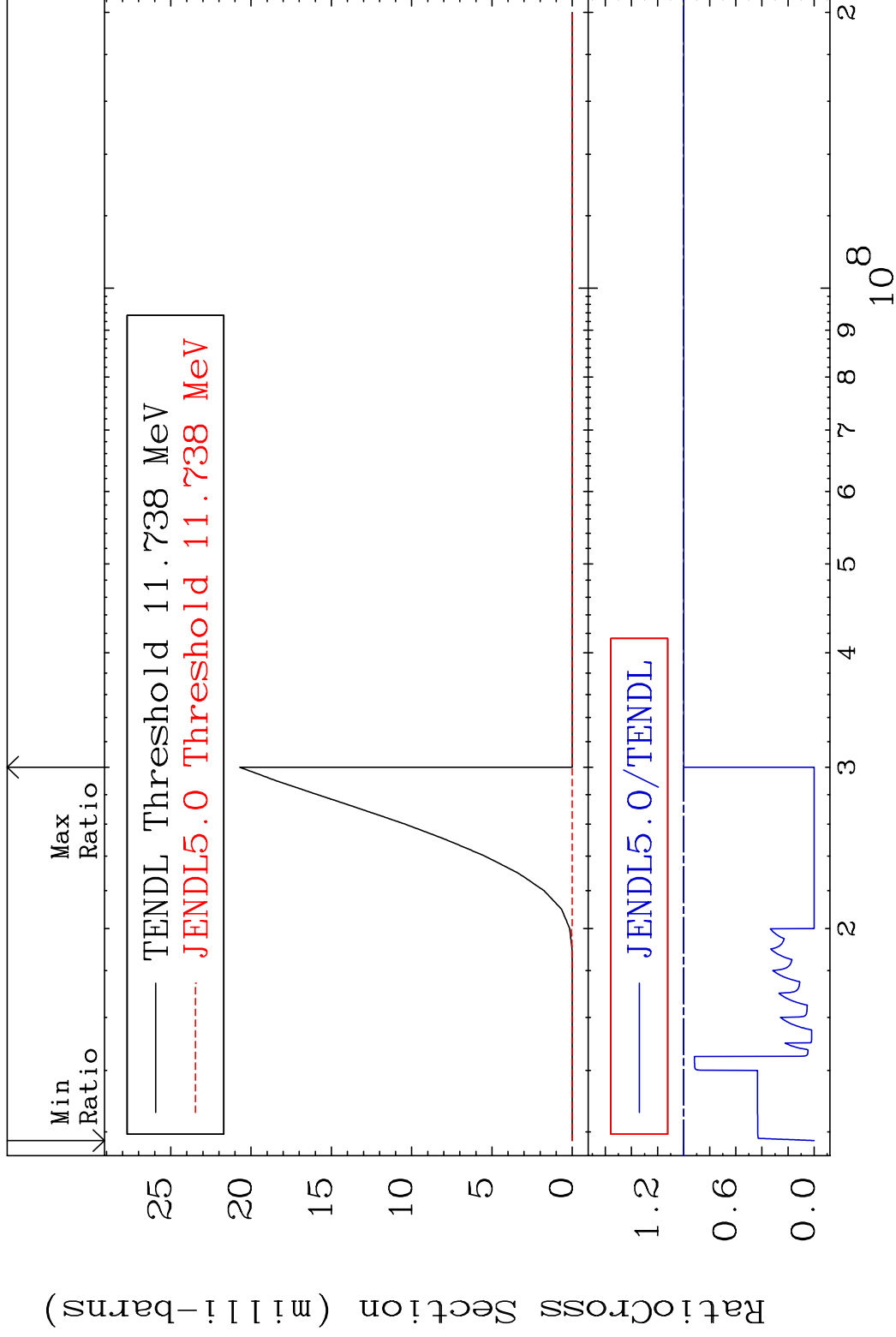


MAT 6725

(n, n') t

67-Ho-165

Cross Section -100.0 To 0.000 %

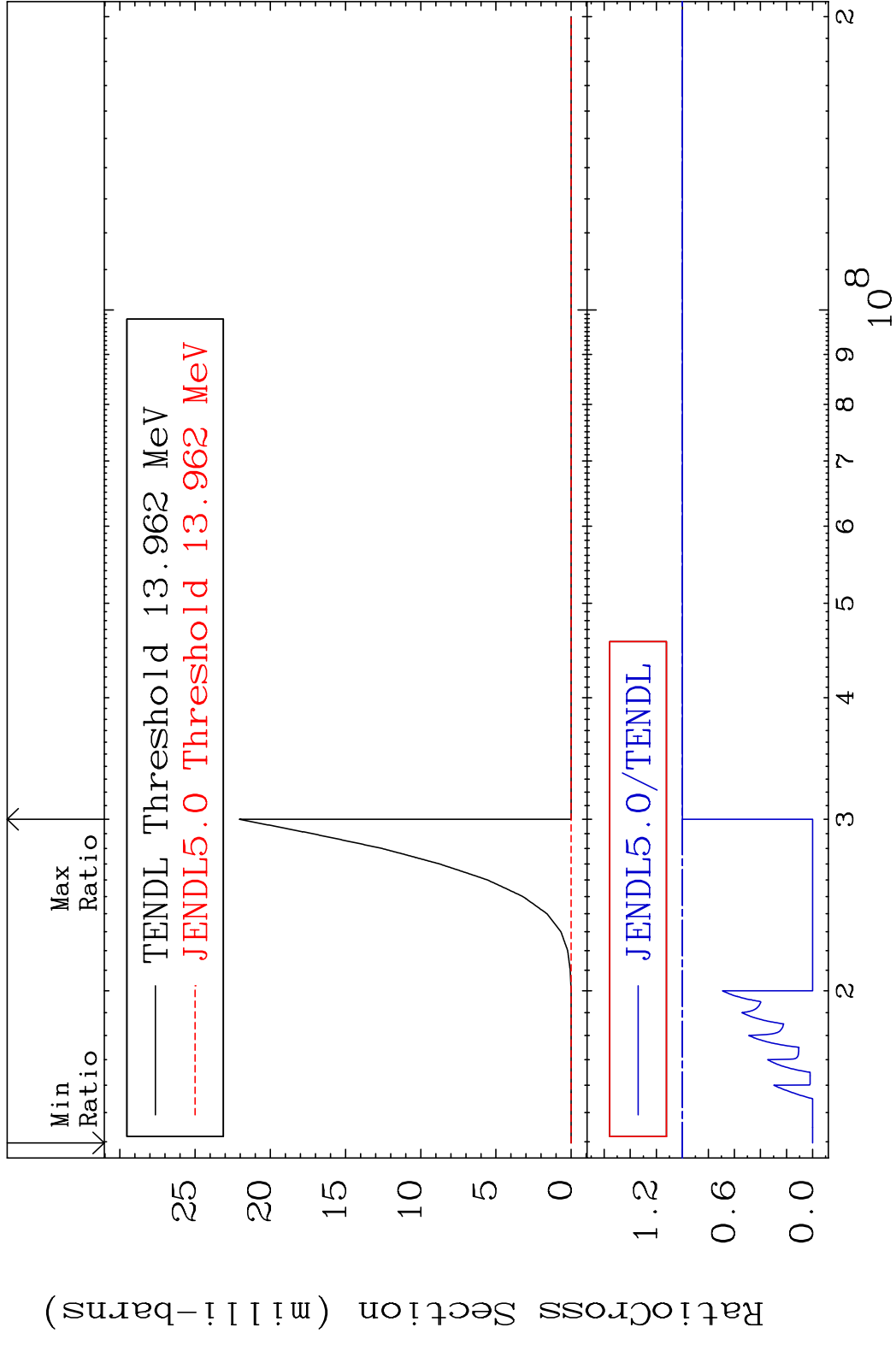


10

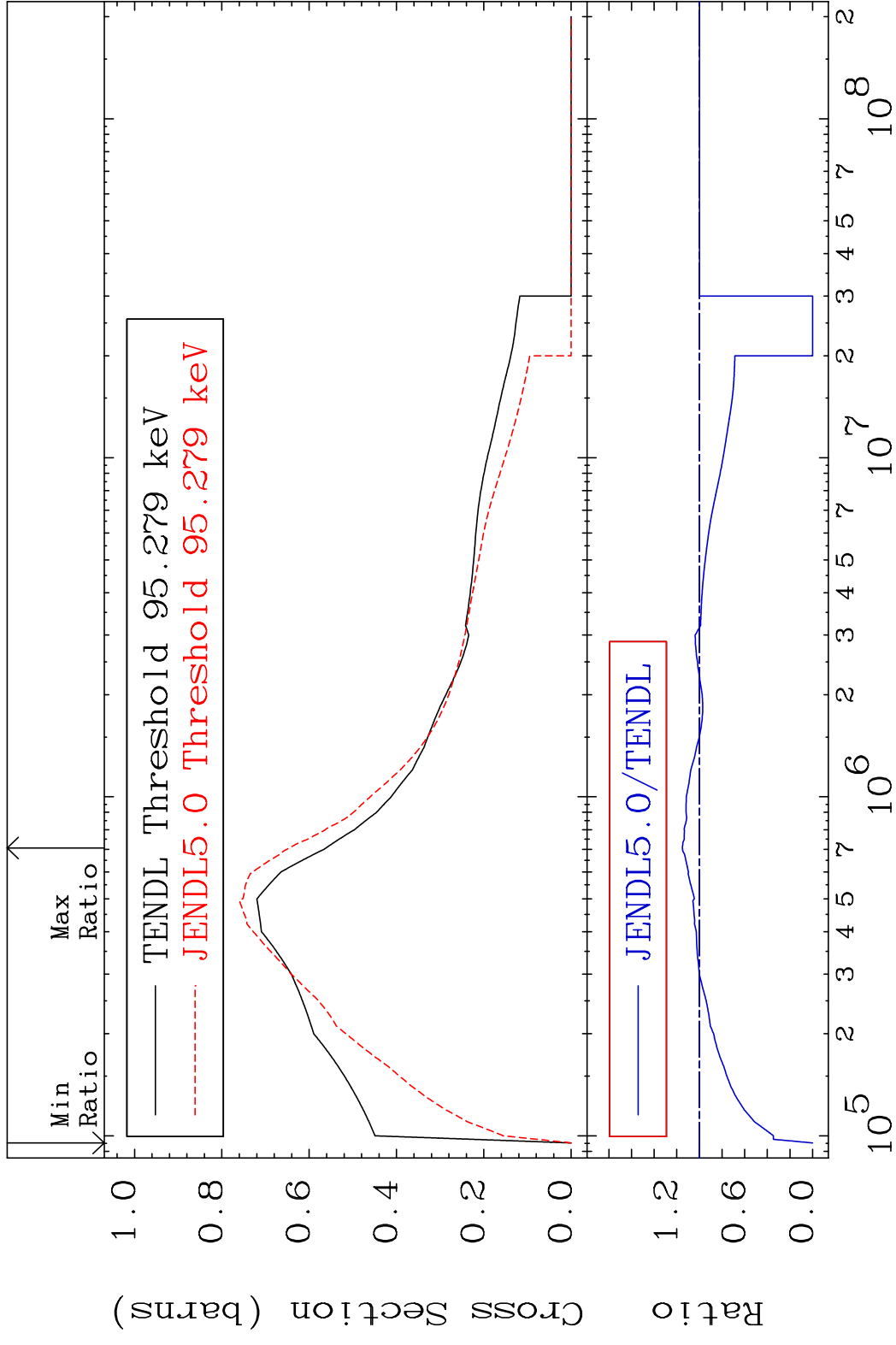
Incident Energy (eV)

67-Ho-165

MAT 6725 (n,2n) p 67-Ho-165
 Cross Section -100.0 To 0.000 %

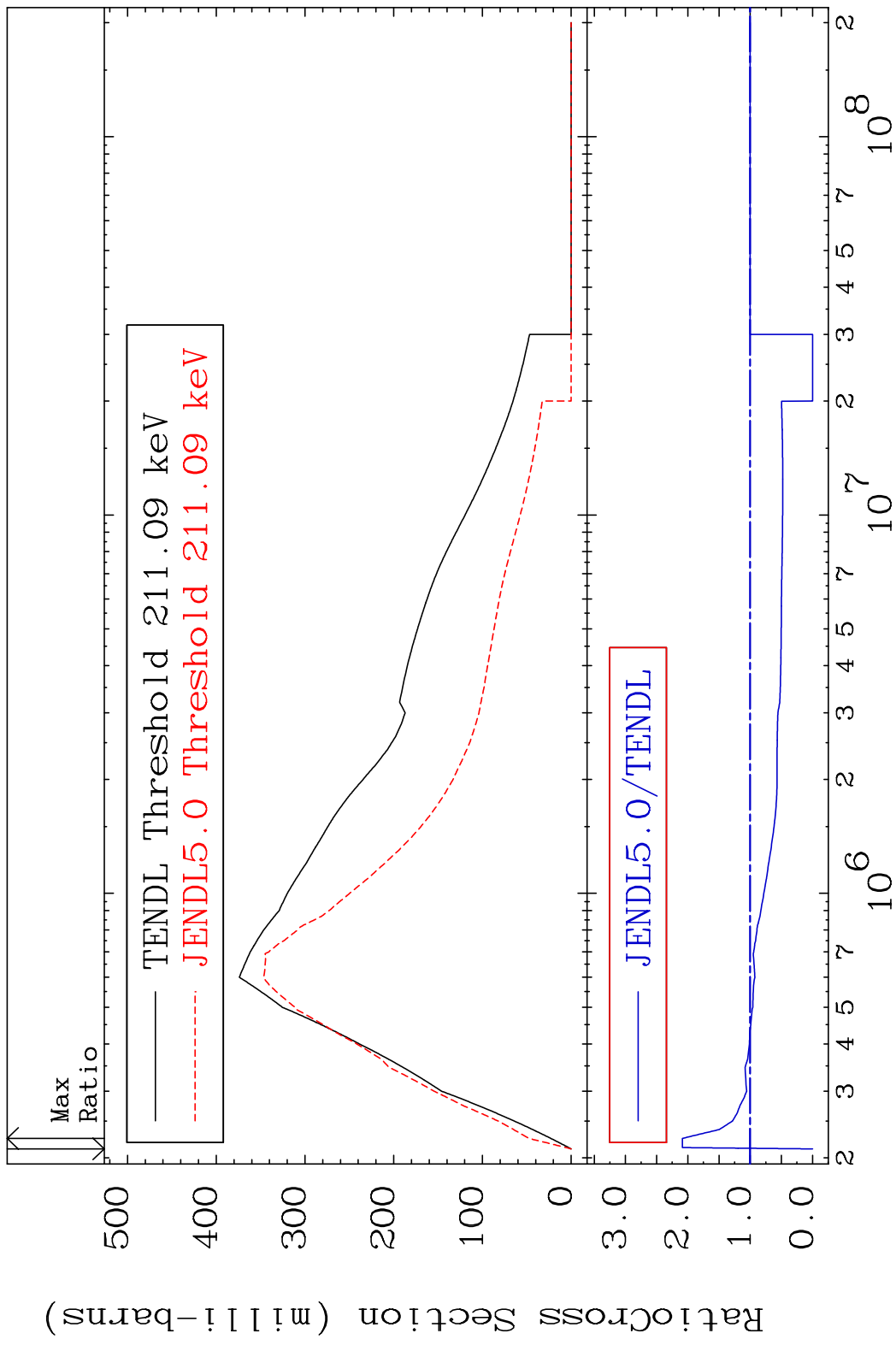


MAT 6725 MT= 51 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 15.09 %

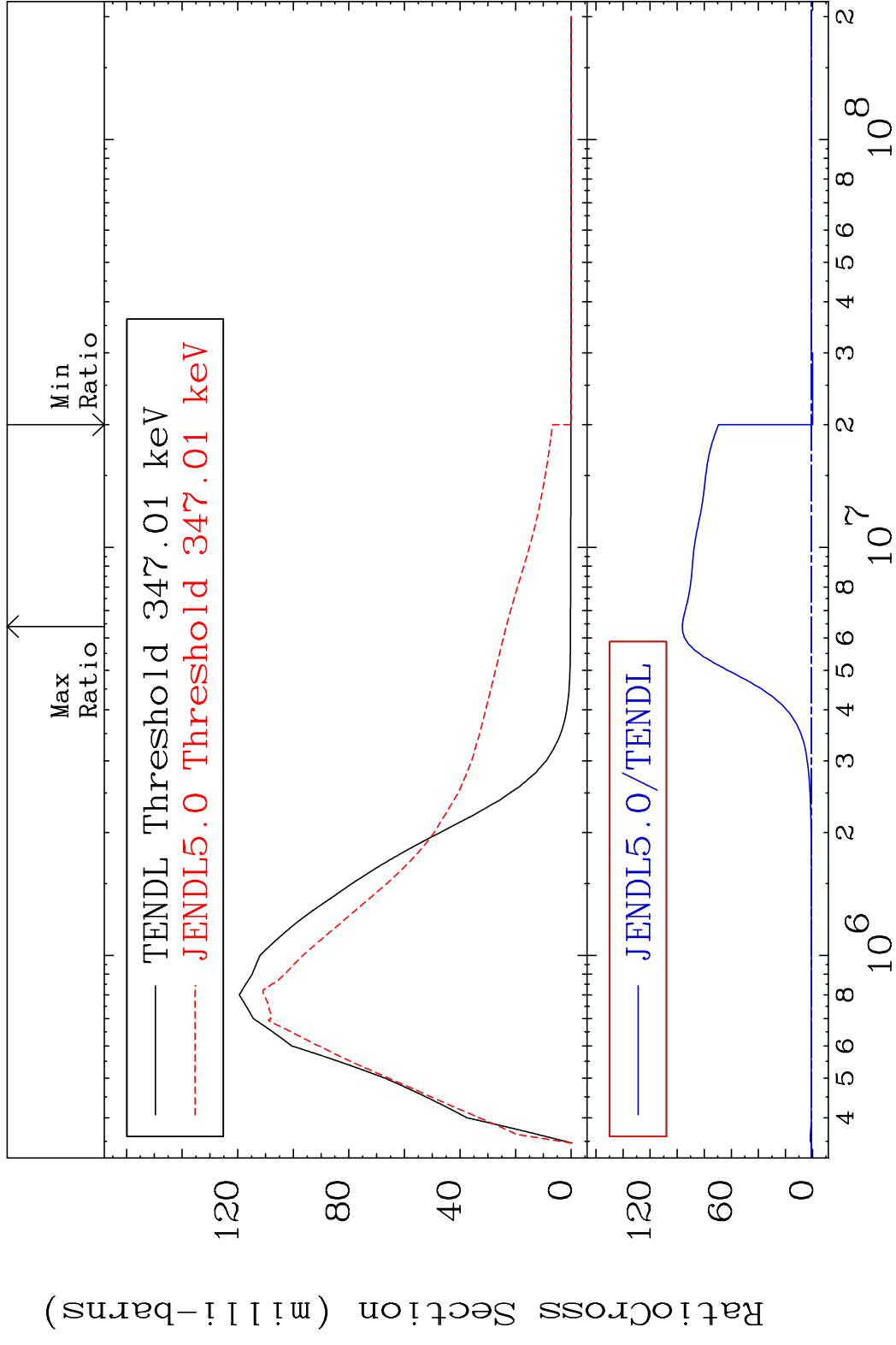


12 Incident Energy (eV) 67-Ho-165

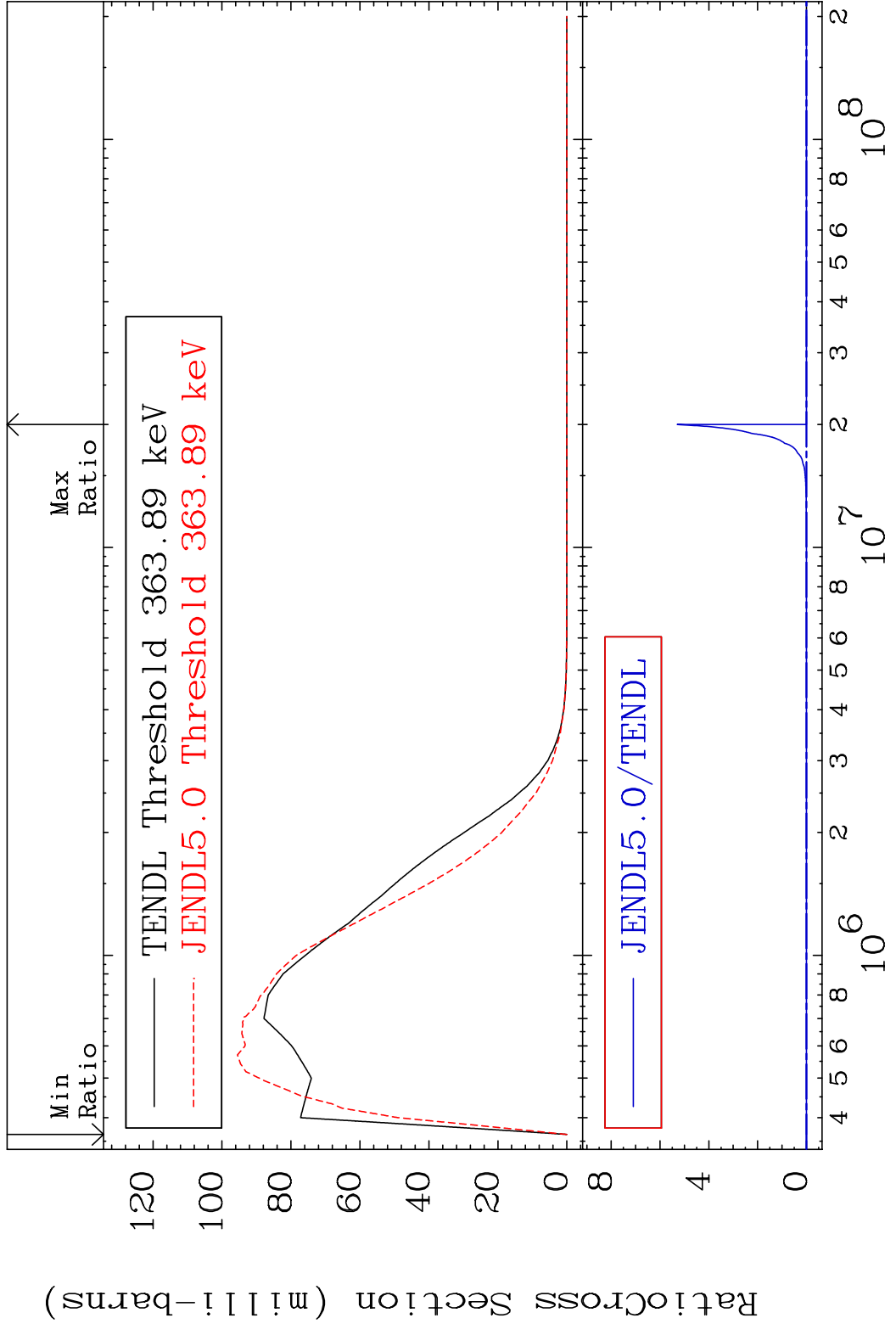
MAT 6725 MT= 52 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 108.8 %



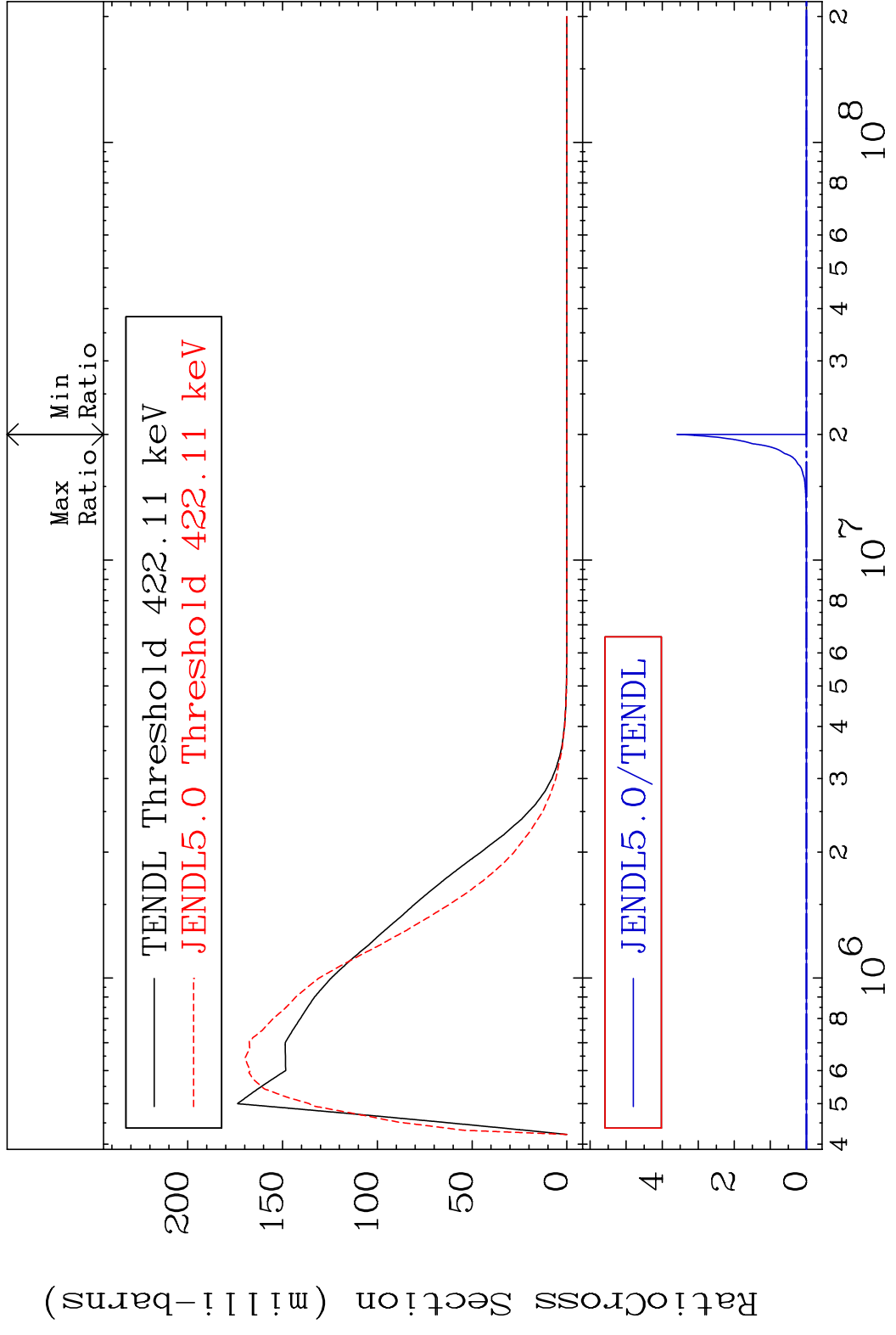
MAT 6725 MT= 53 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9517. %



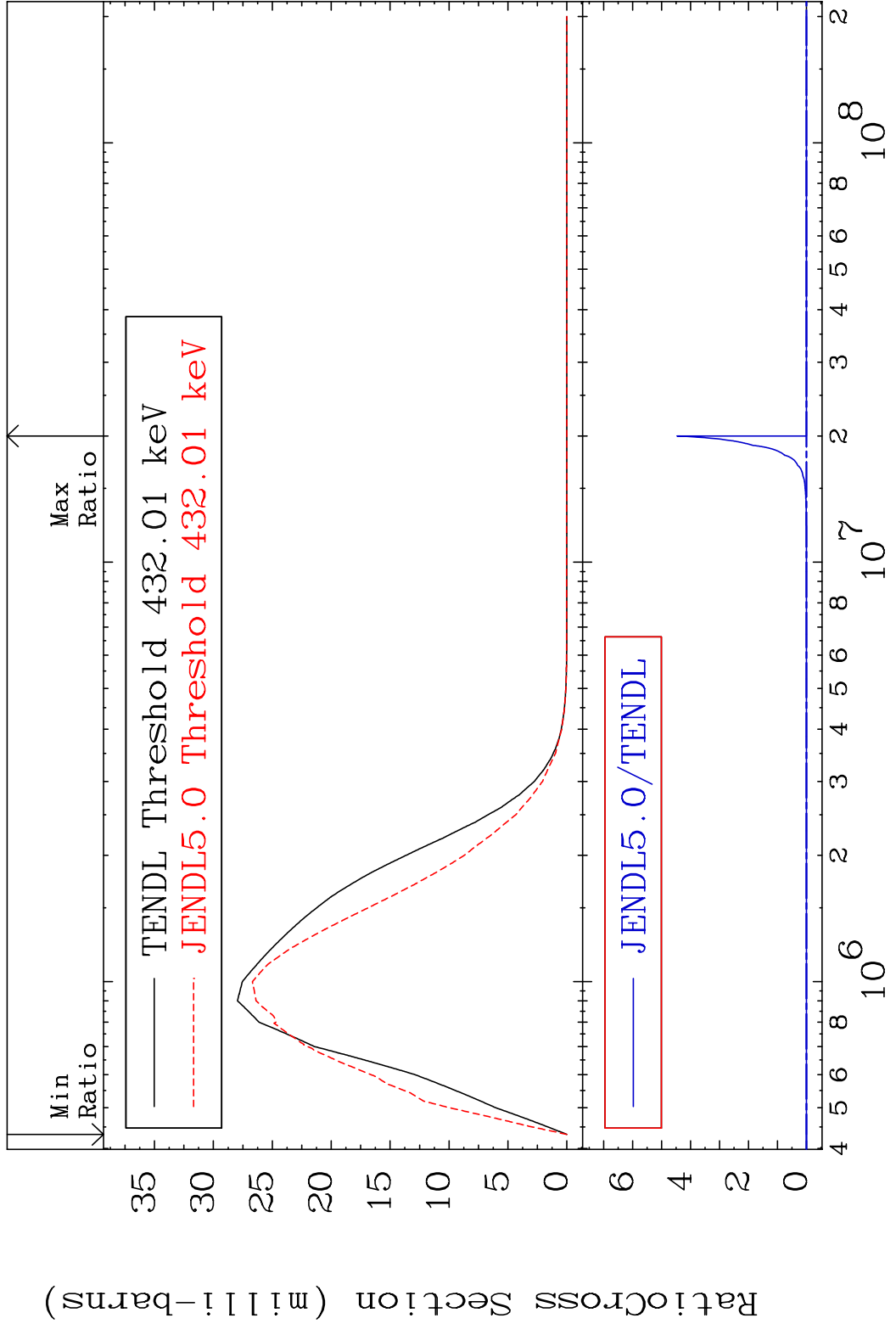
MAT 6725 MT= 54 (n,n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



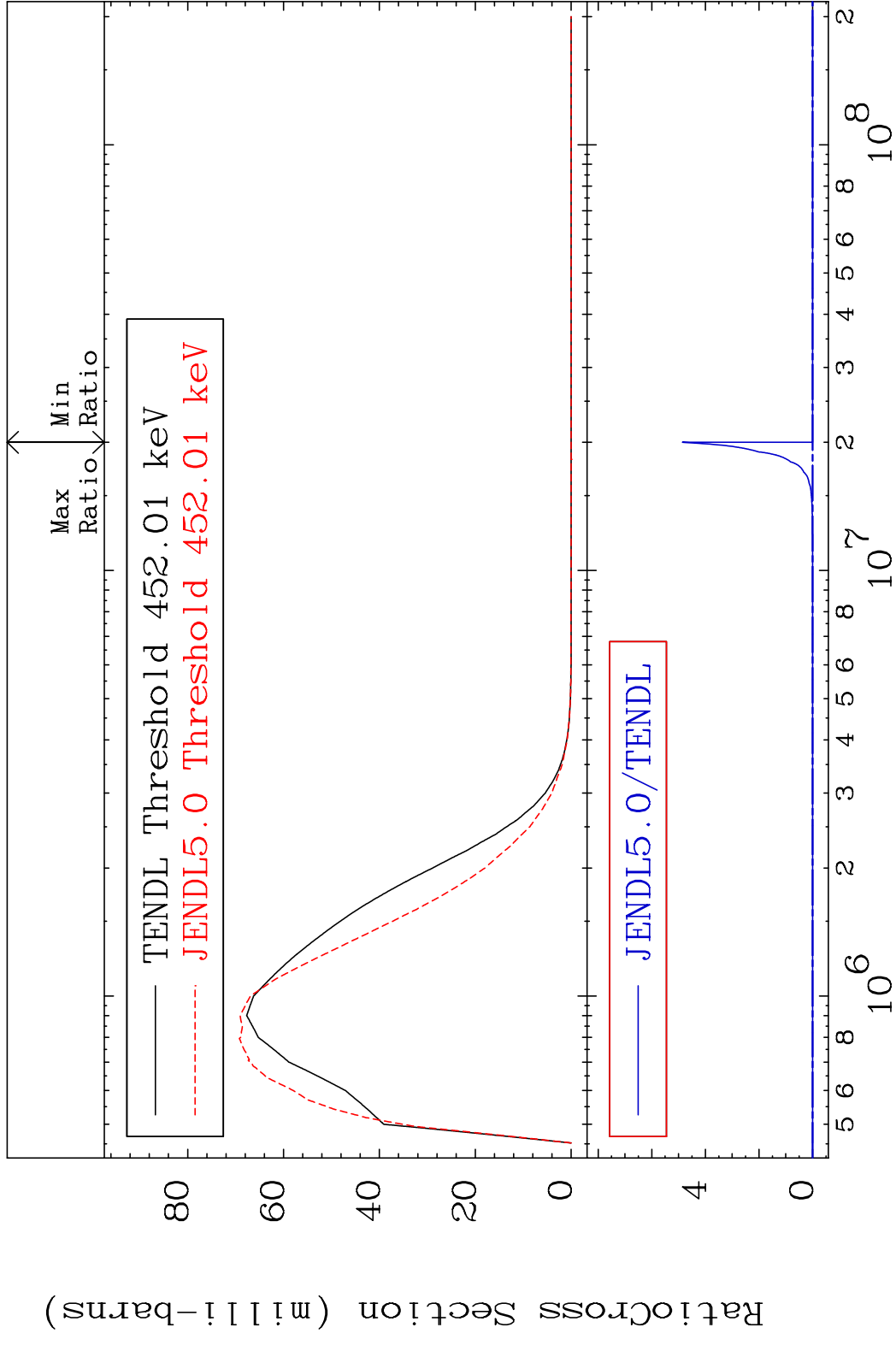
MAT 6725 MT= 55 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



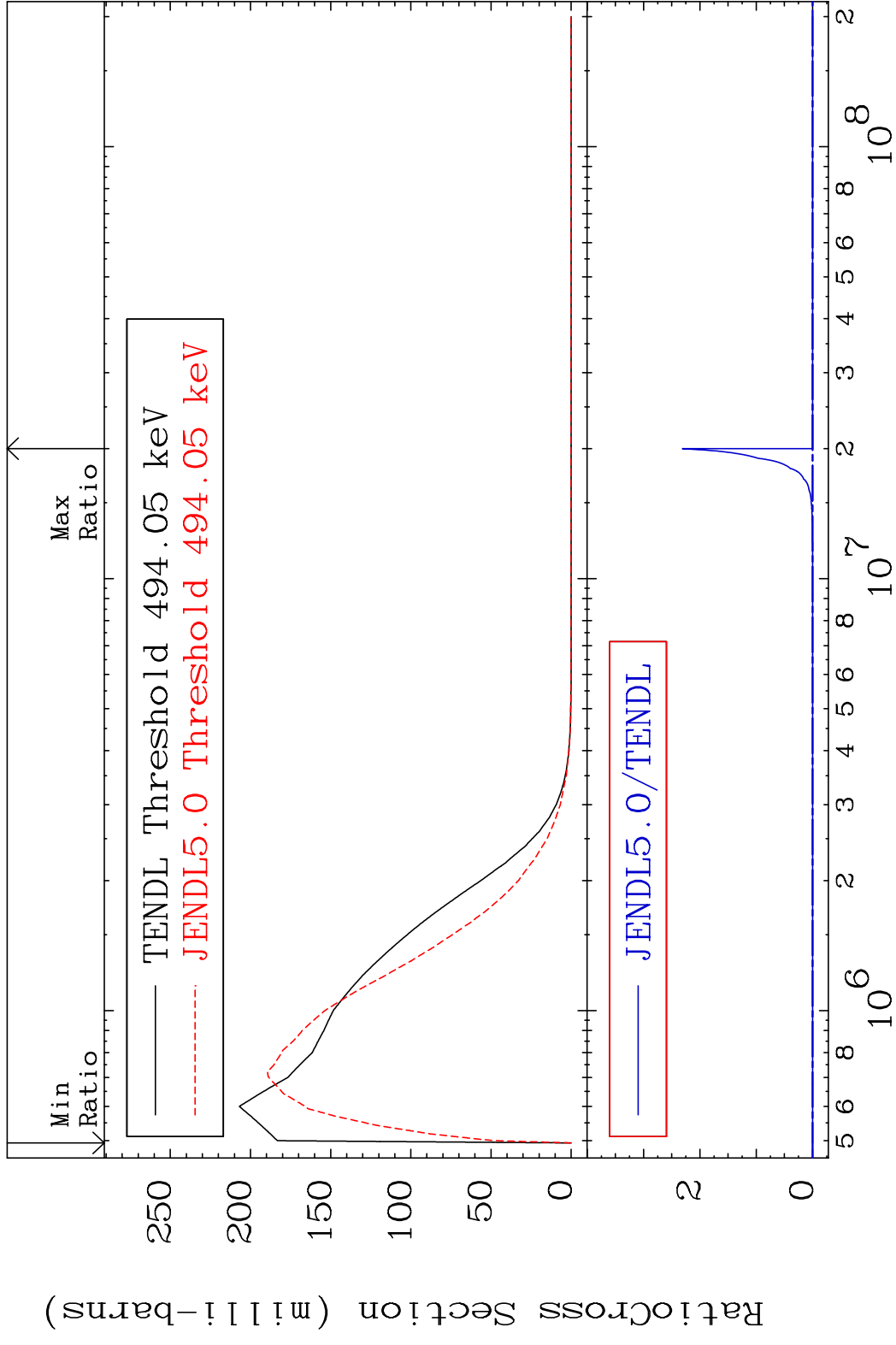
MAT 6725 MT= 56 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



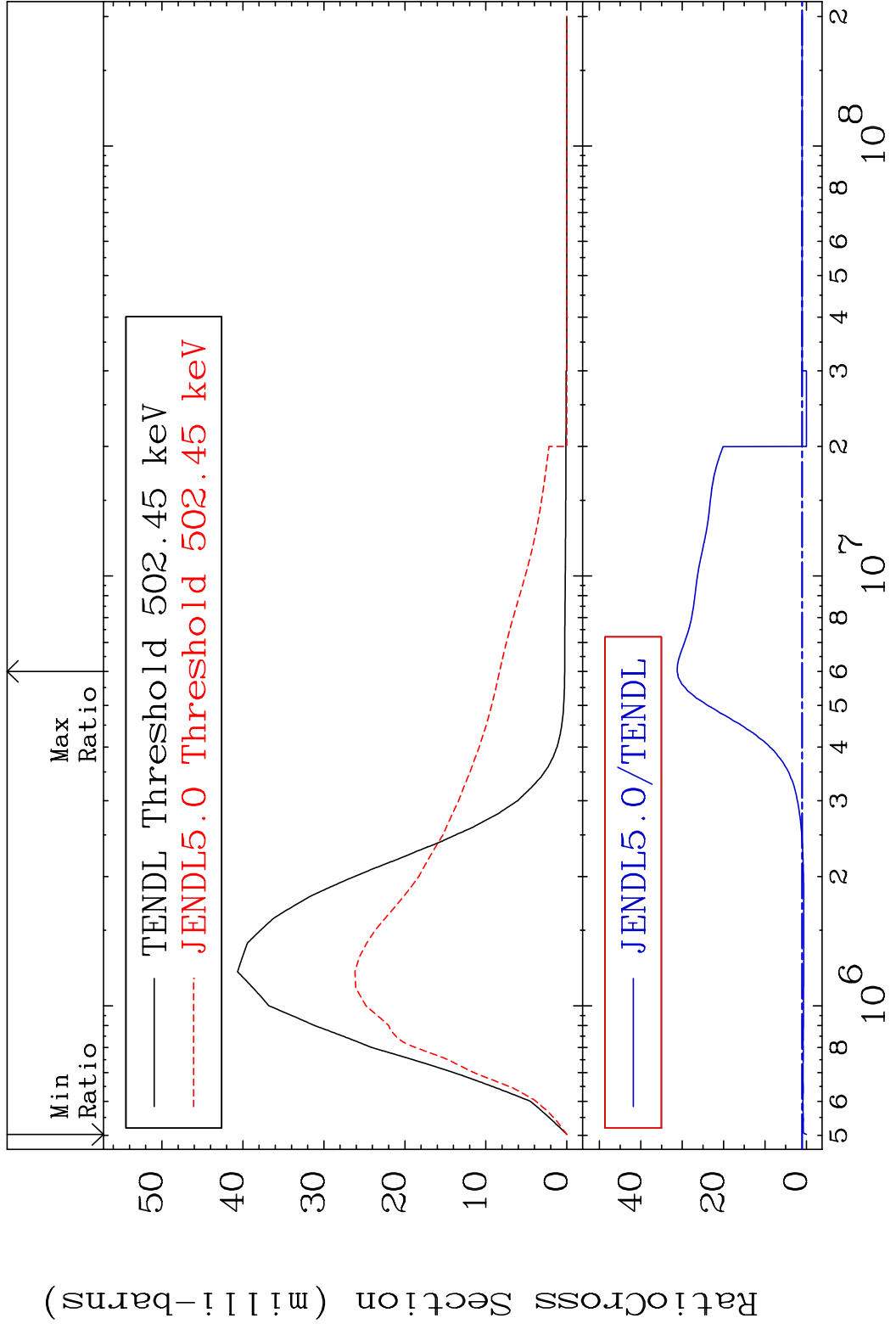
MAT 6725 MT= 57 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



MAT 6725 MT= 58 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %

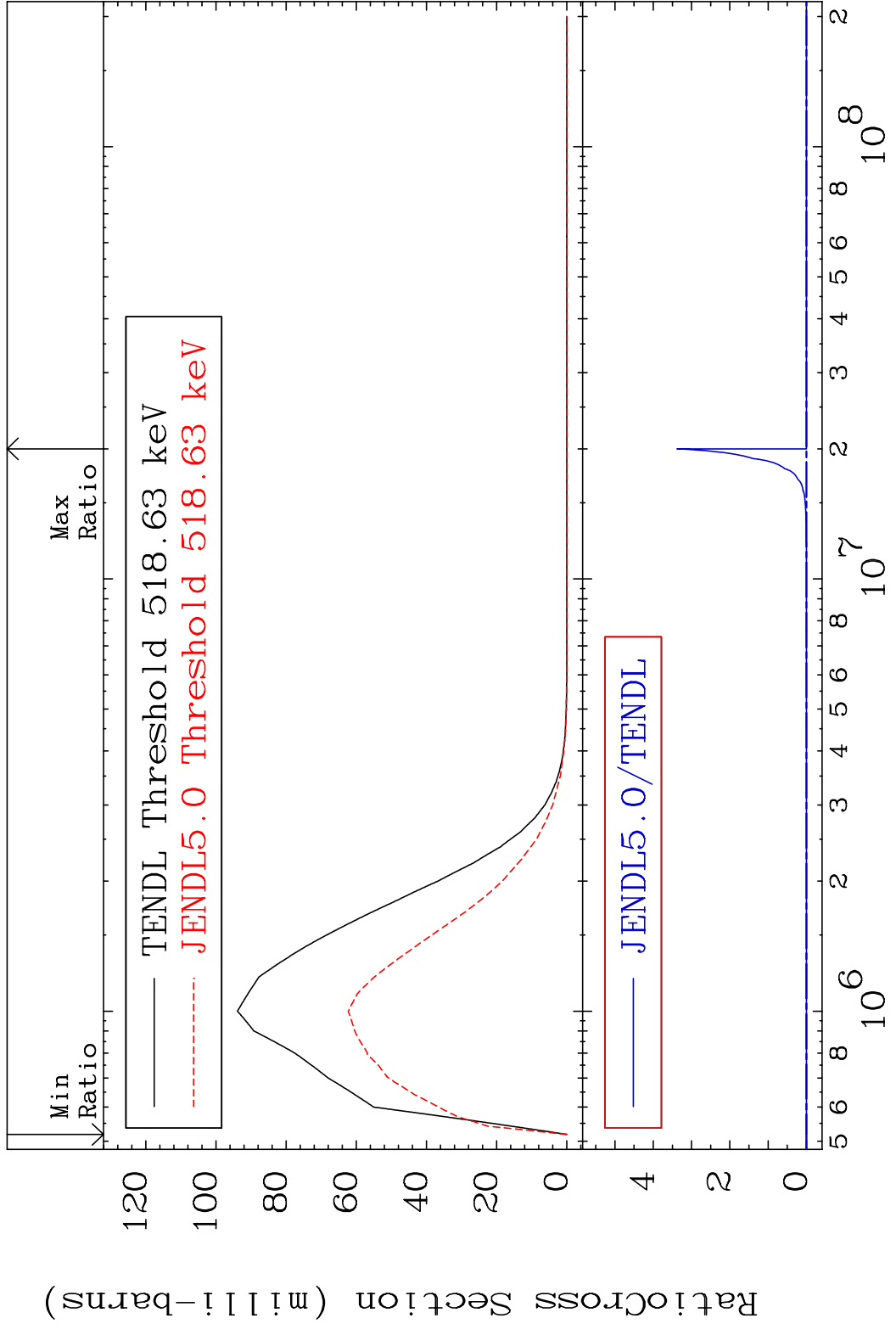


MAT 6725 MT= 59 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 3022. %

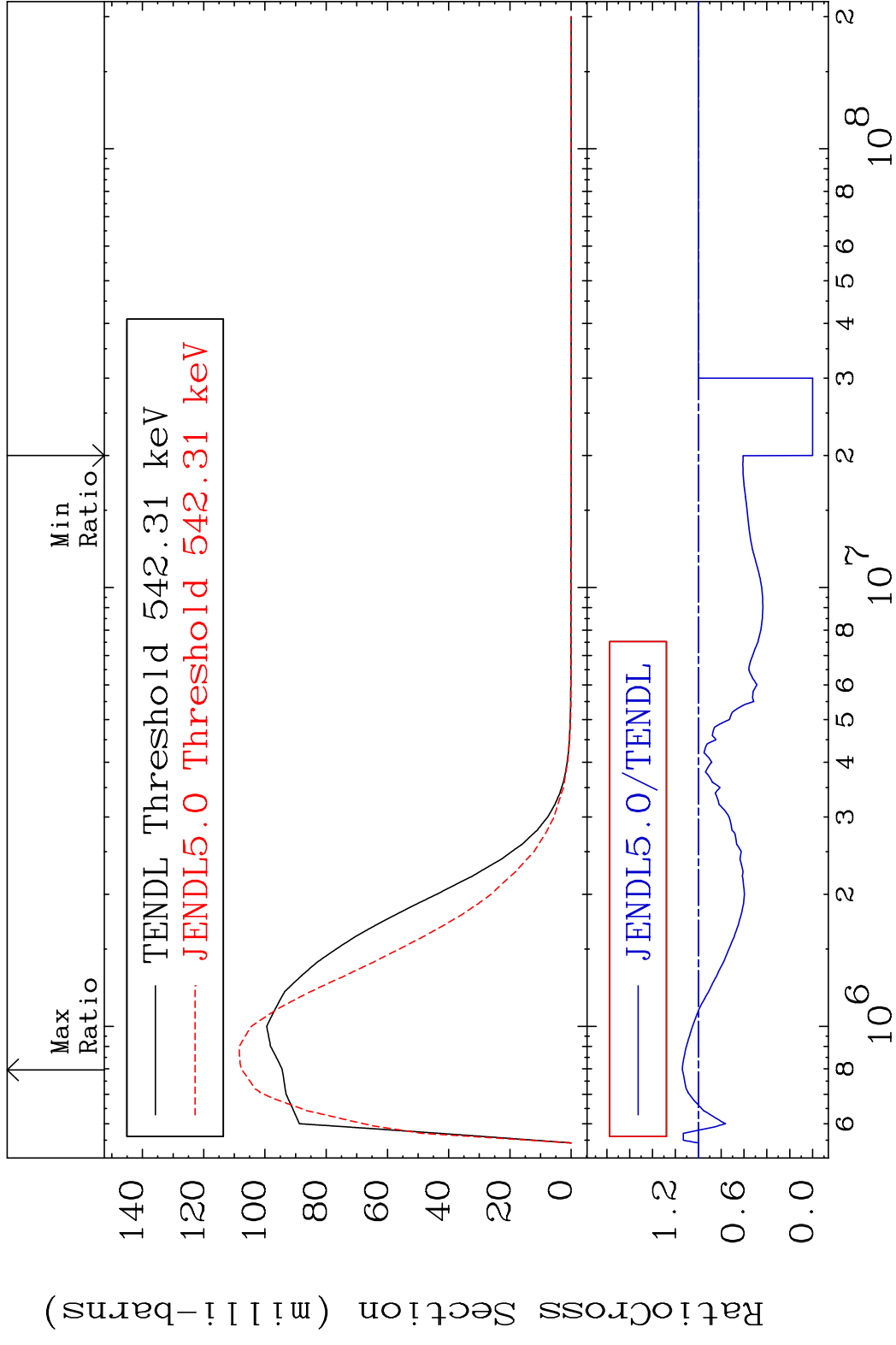


20 67-Ho-165

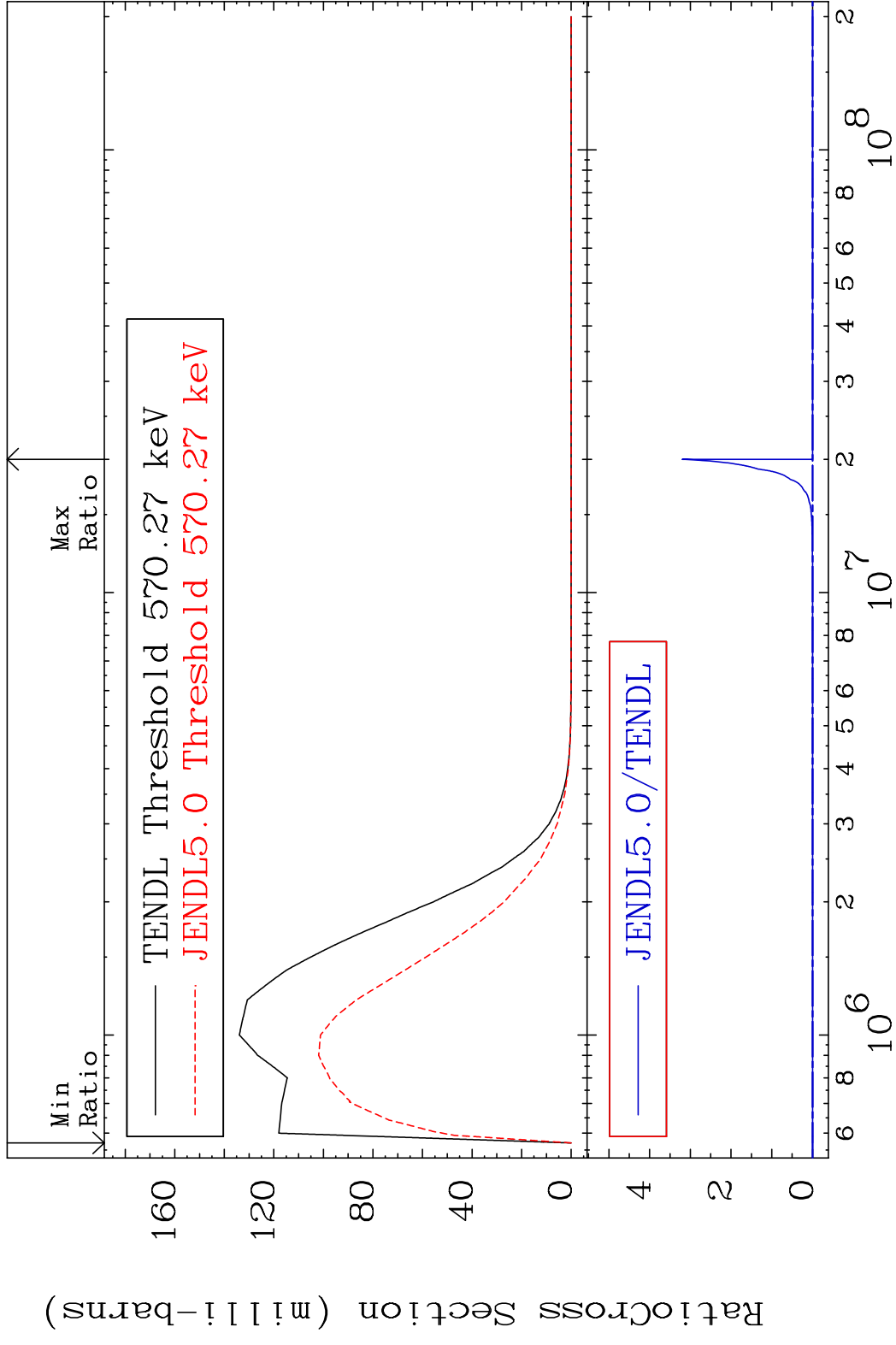
MAT 6725 MT= 60 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



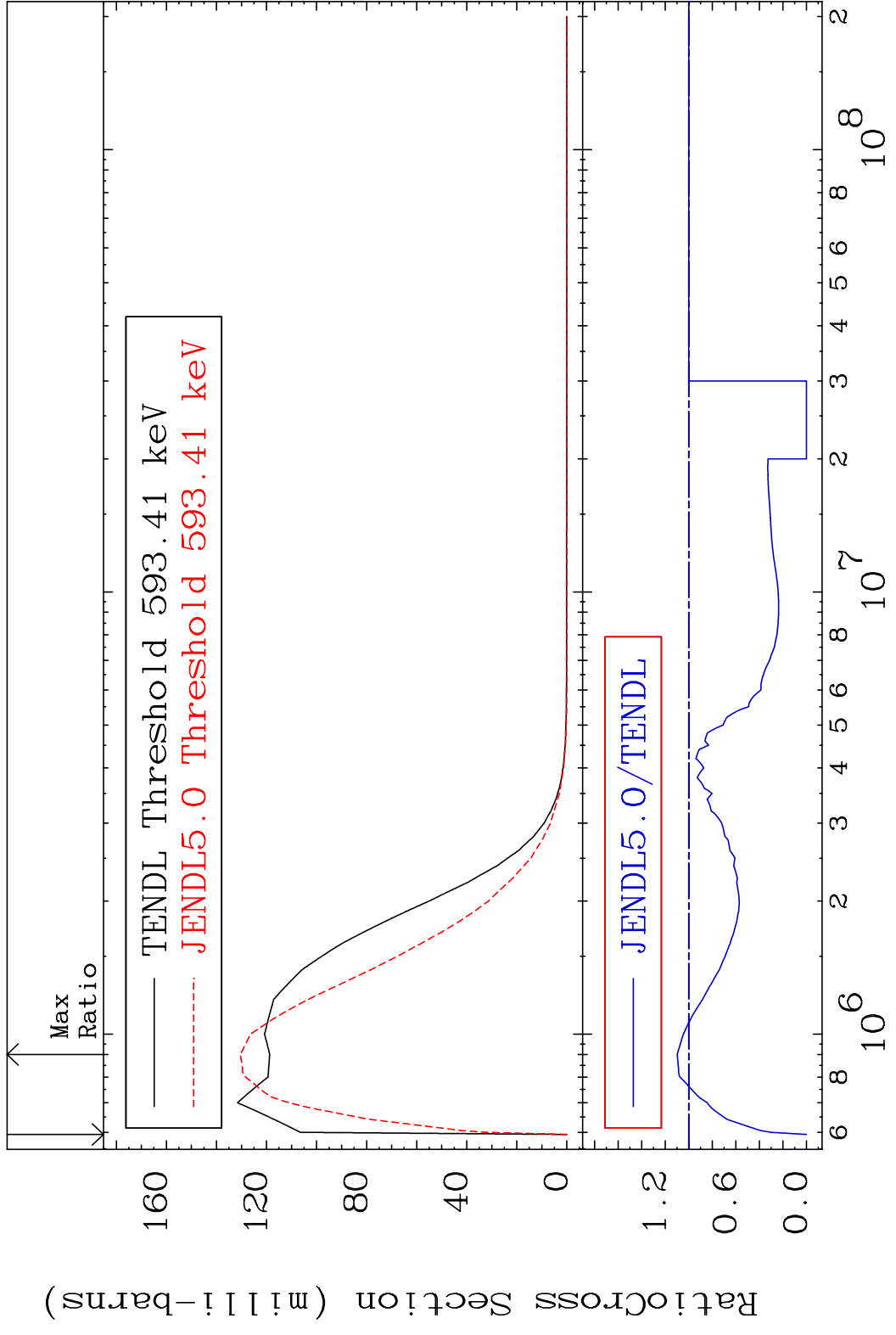
MAT 6725 MT= 61 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 13.92 %



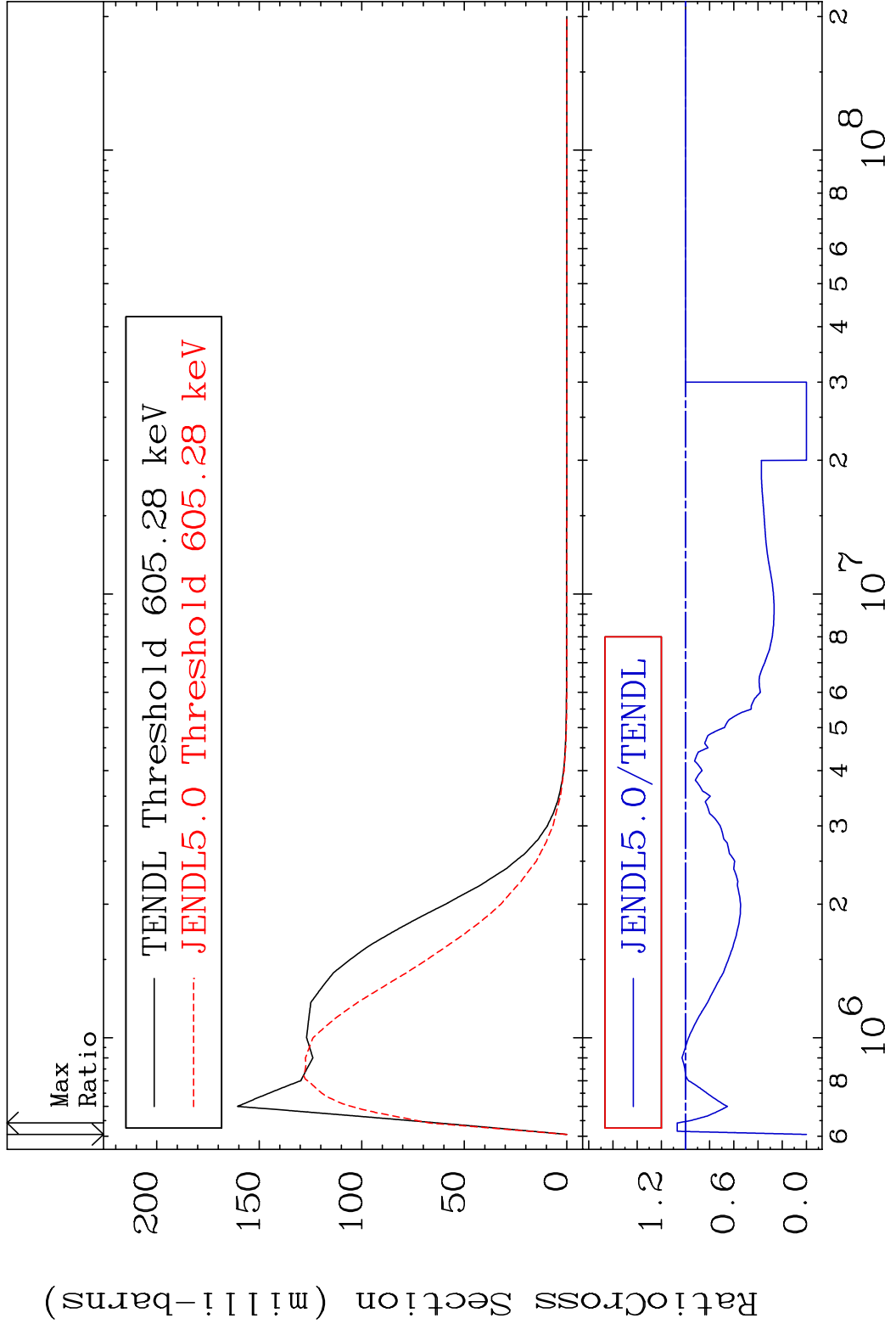
MAT 6725 MT= 62 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



MAT 6725 MT= 63 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9.840 %

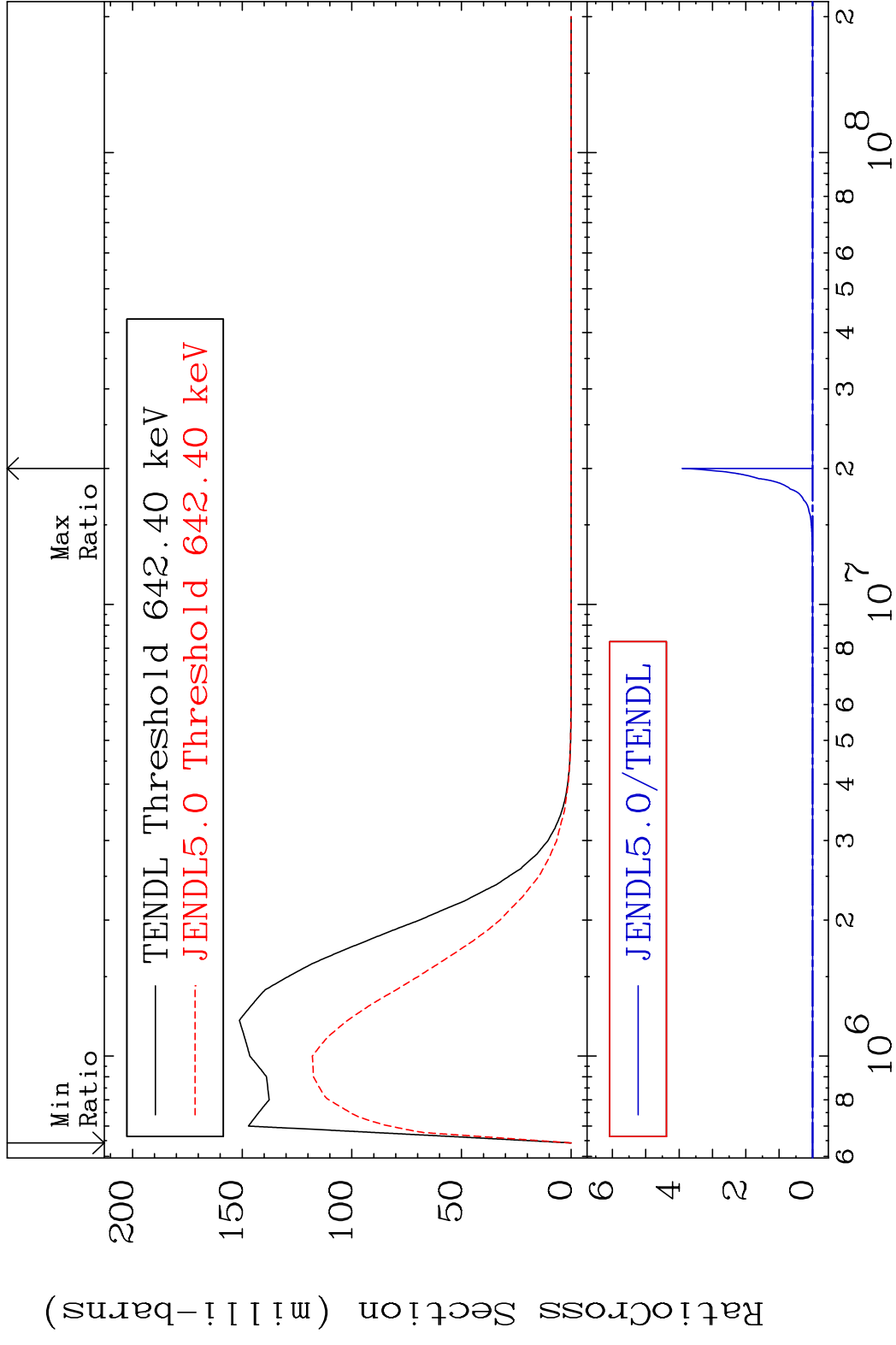


MAT 6725 MT= 64 (n,n') Level 67-Ho-165
 Cross Section -100.0 To 6.878 %

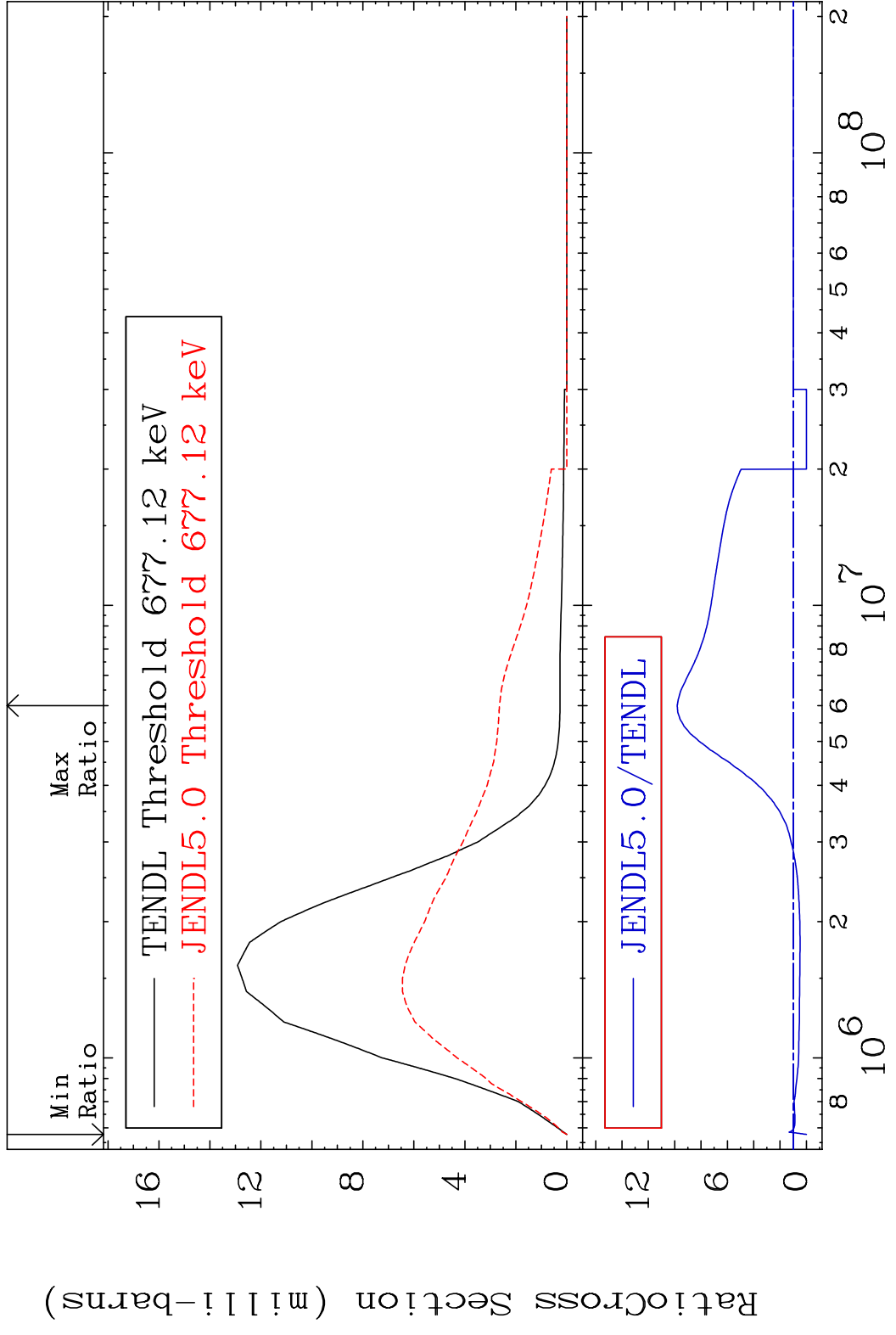


25 Incident Energy (eV) 67-Ho-165

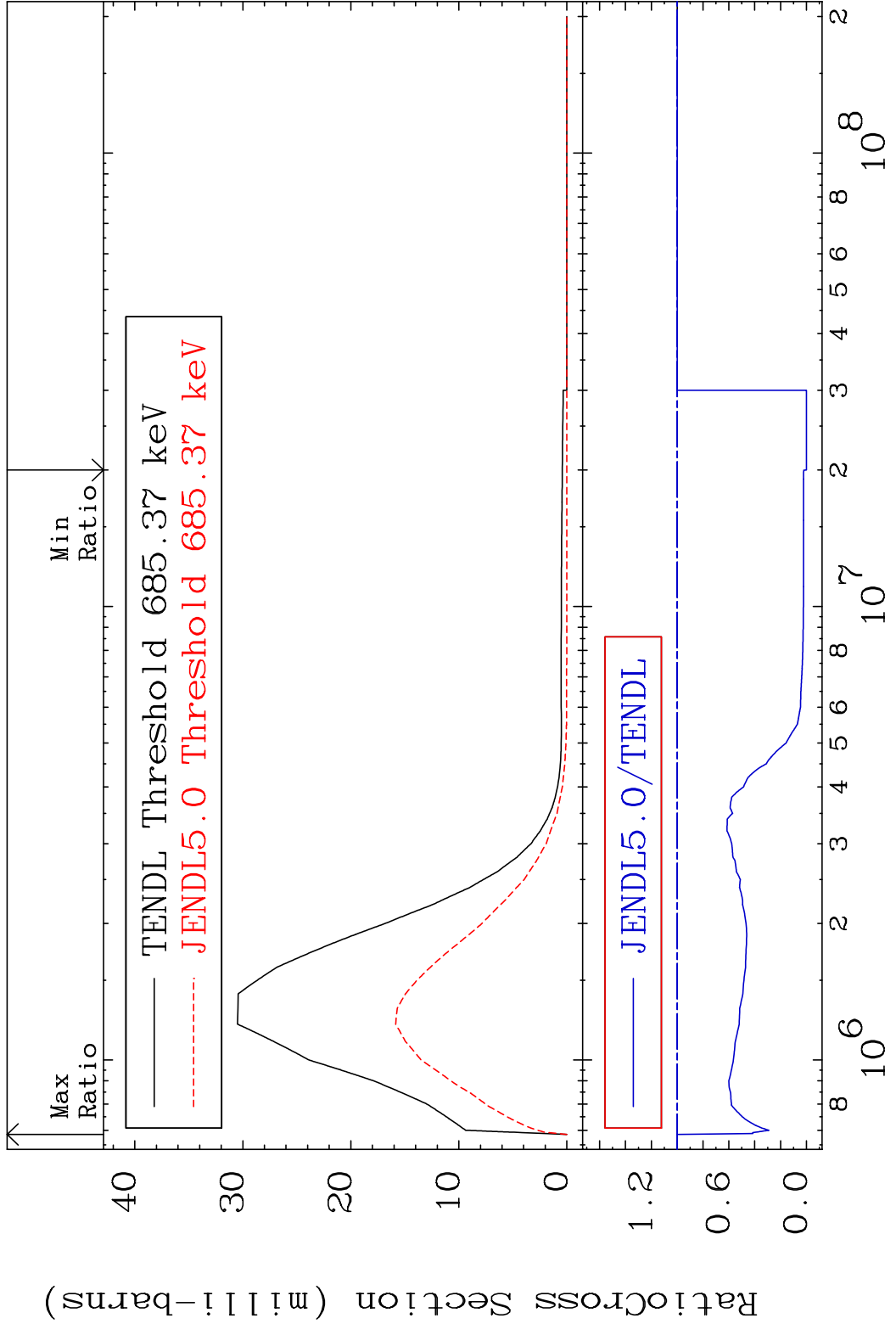
MAT 6725 MT= 65 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



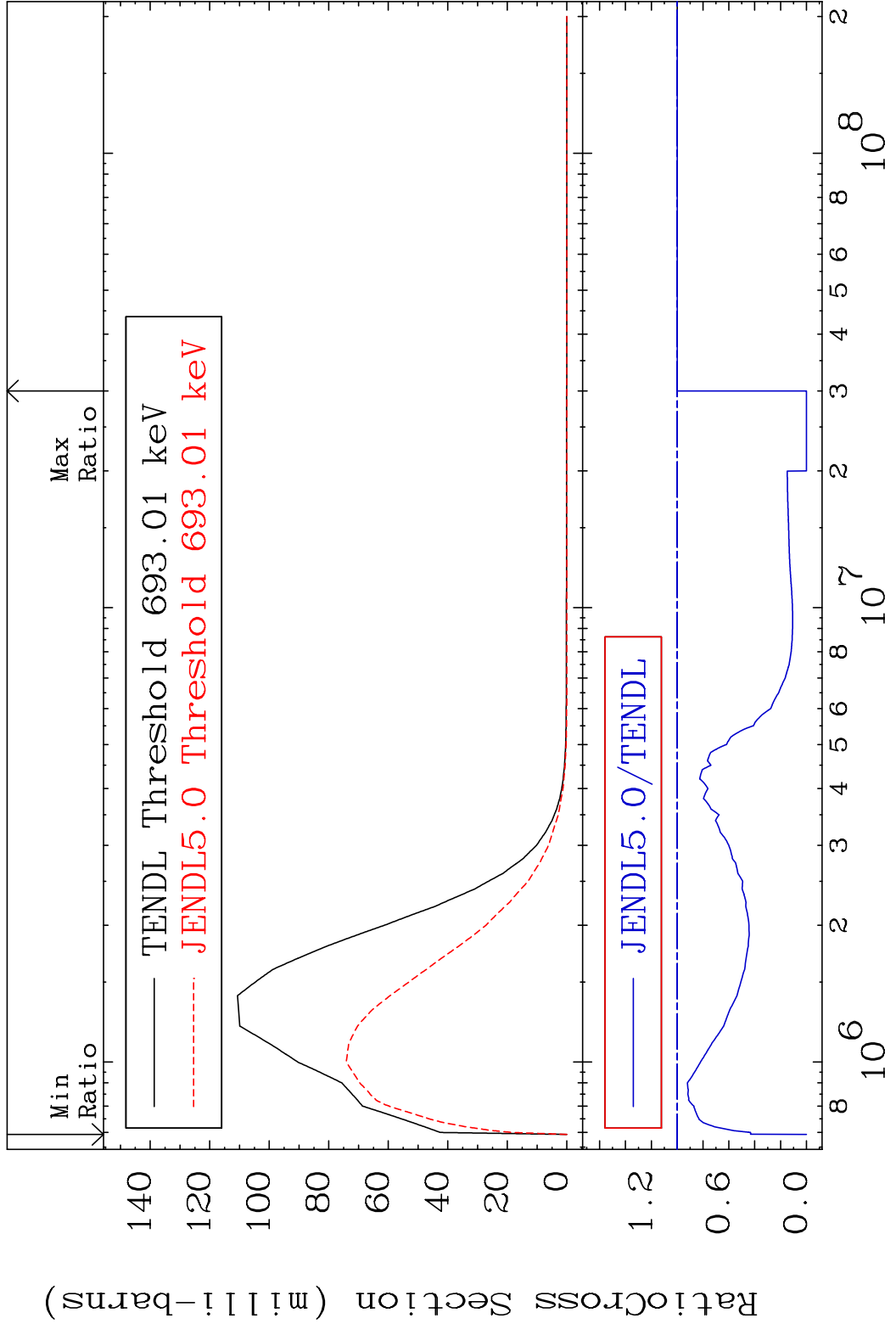
MAT 6725 MT= 66 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 881.0 %



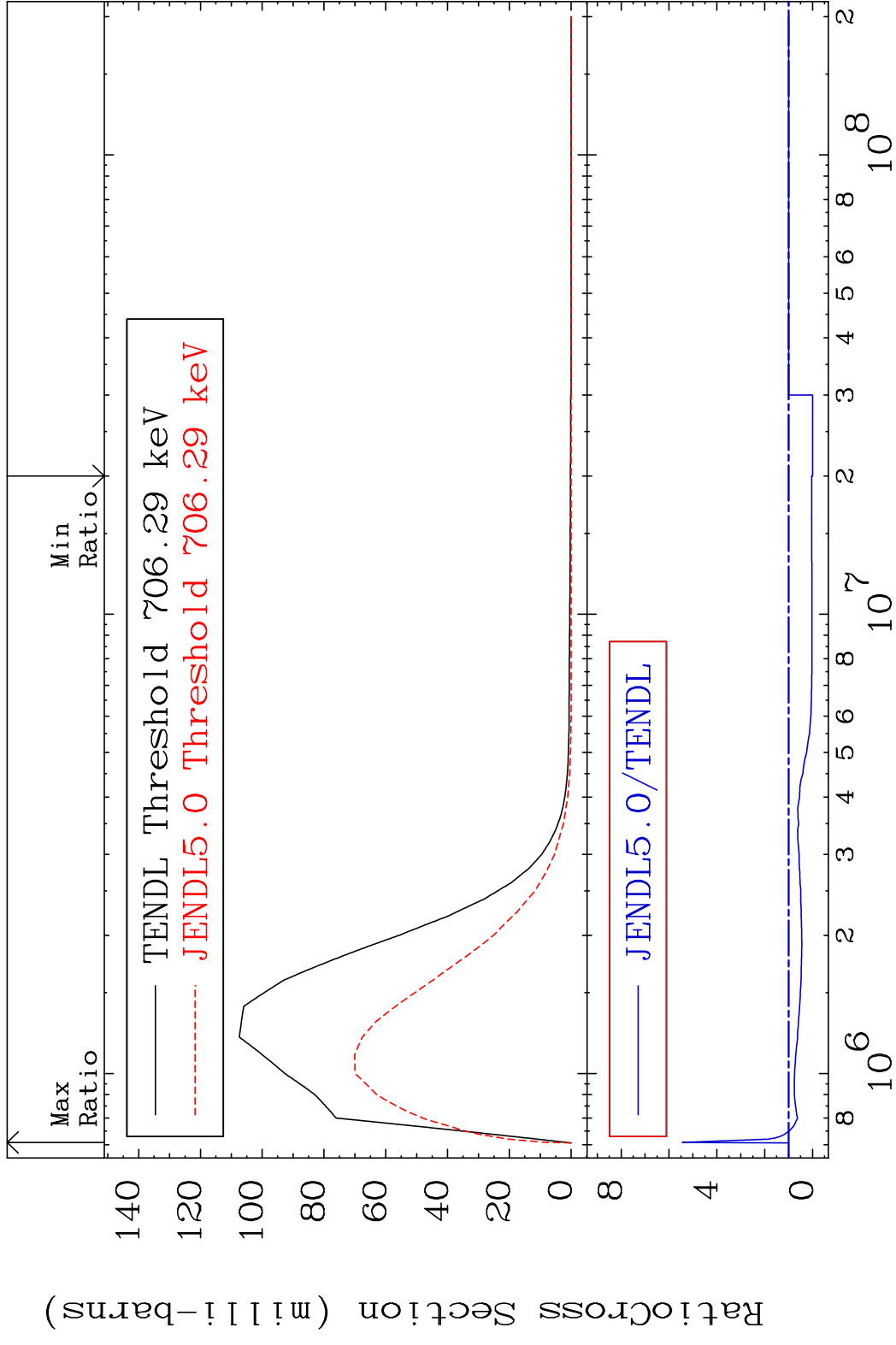
MAT 6725 MT= 67 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 0.000 %



MAT 6725 MT= 68 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 0.000 %

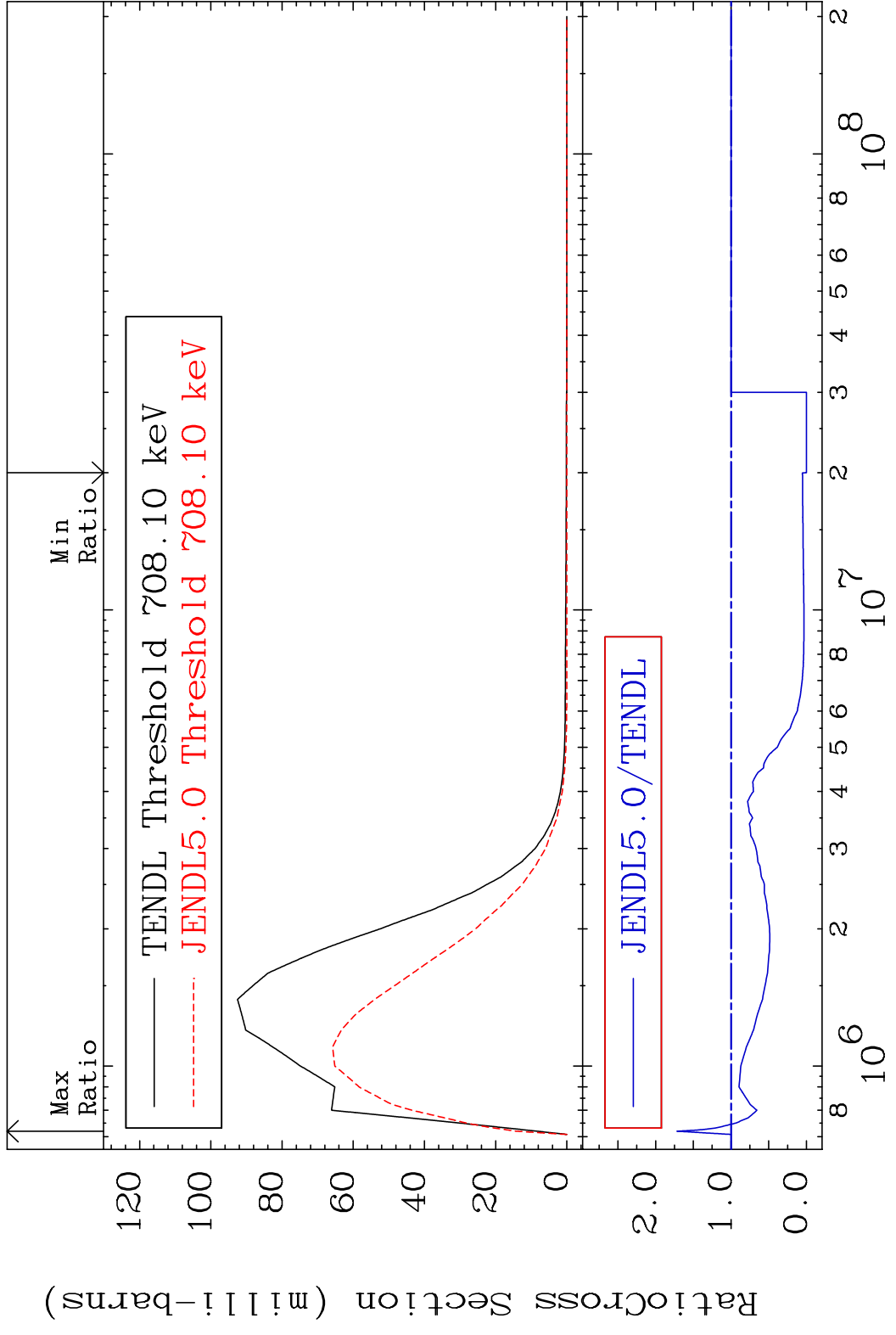


MAT 6725 MT= 69 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 444.3 %

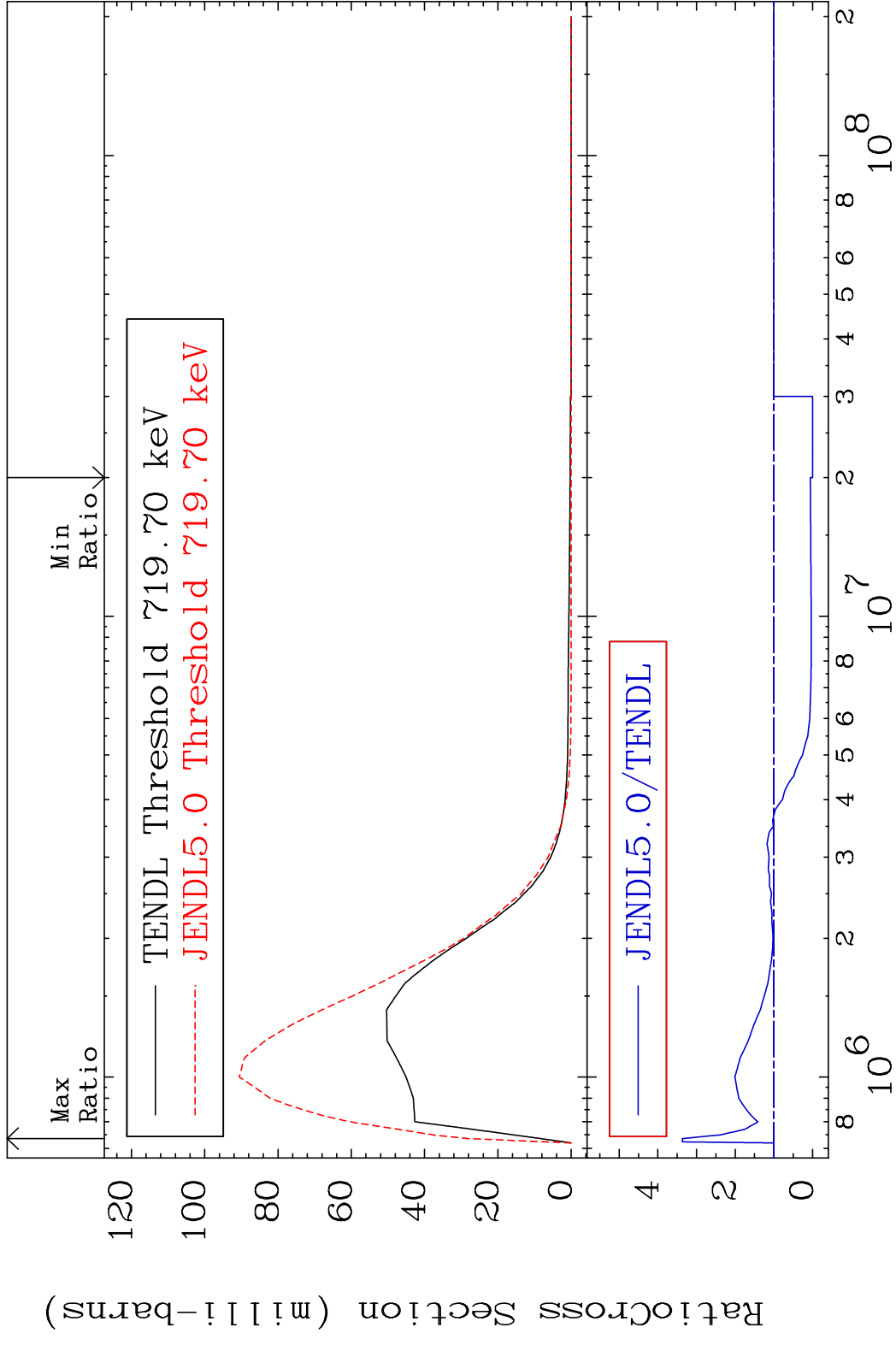


30 Incident Energy (eV) 67-Ho-165

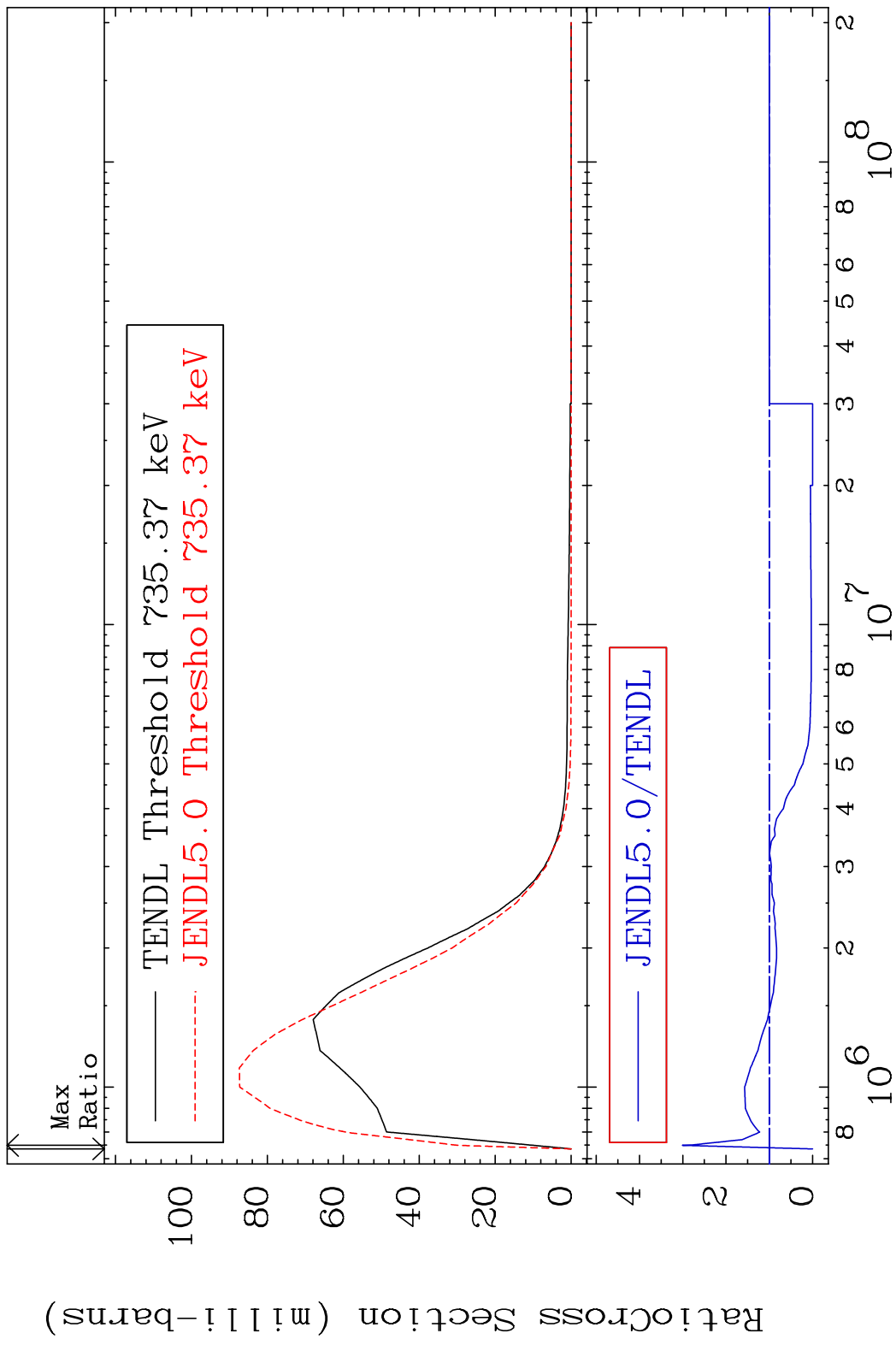
MAT 6725 MT= 70 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 71.44 %



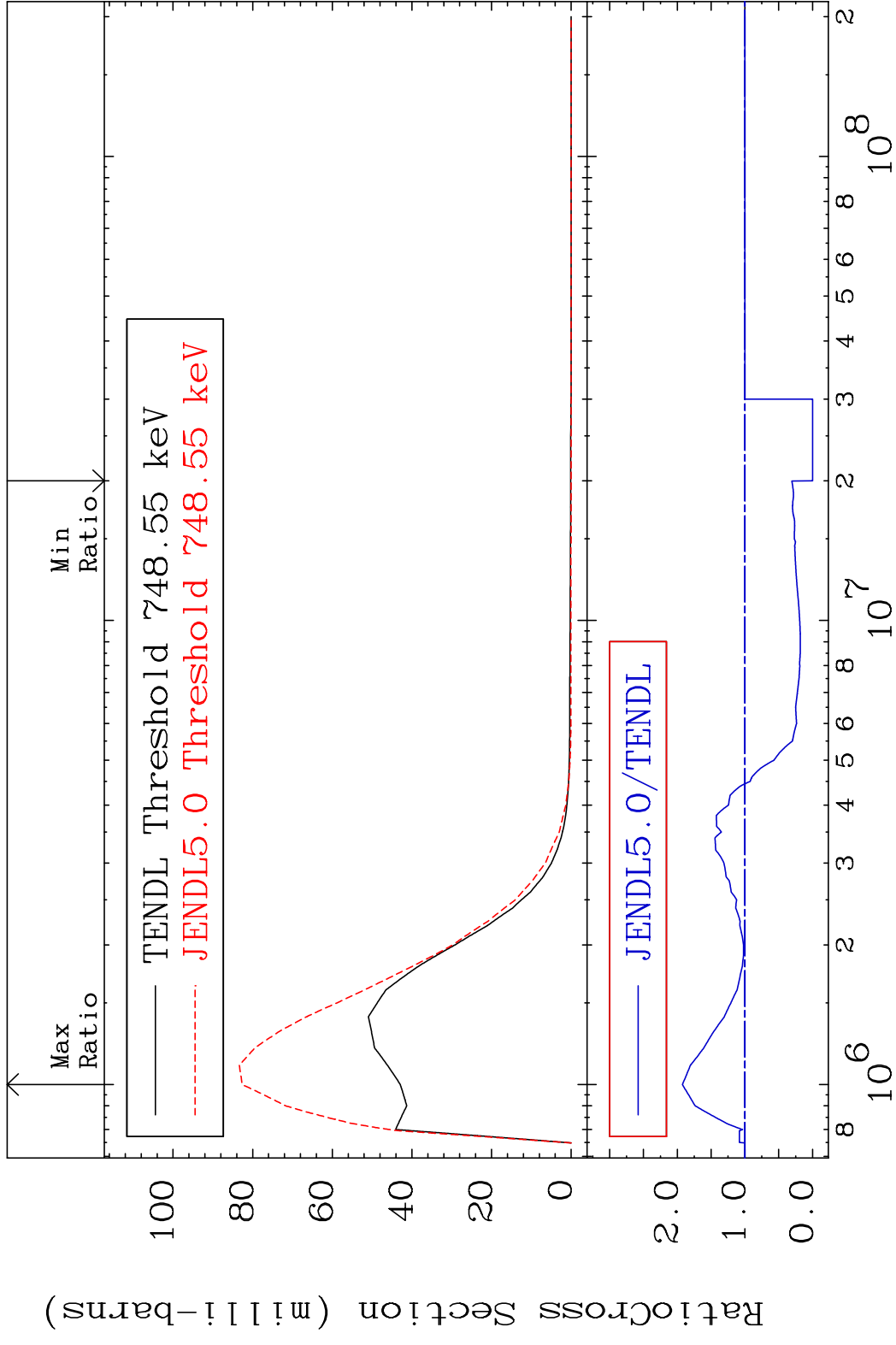
MAT 6725 MT= 71 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 236.7 %



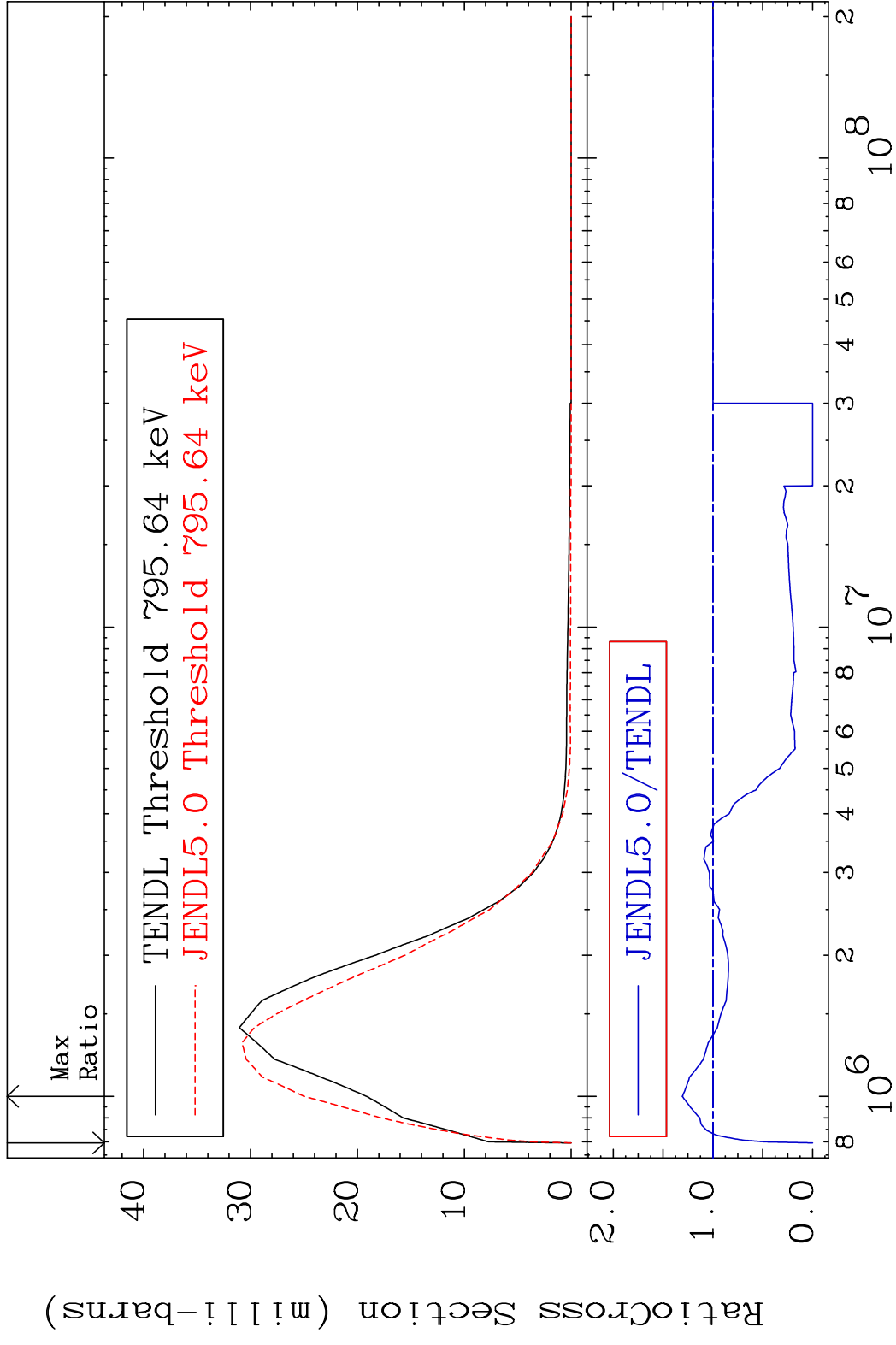
MAT 6725 MT= 72 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 200.9 %



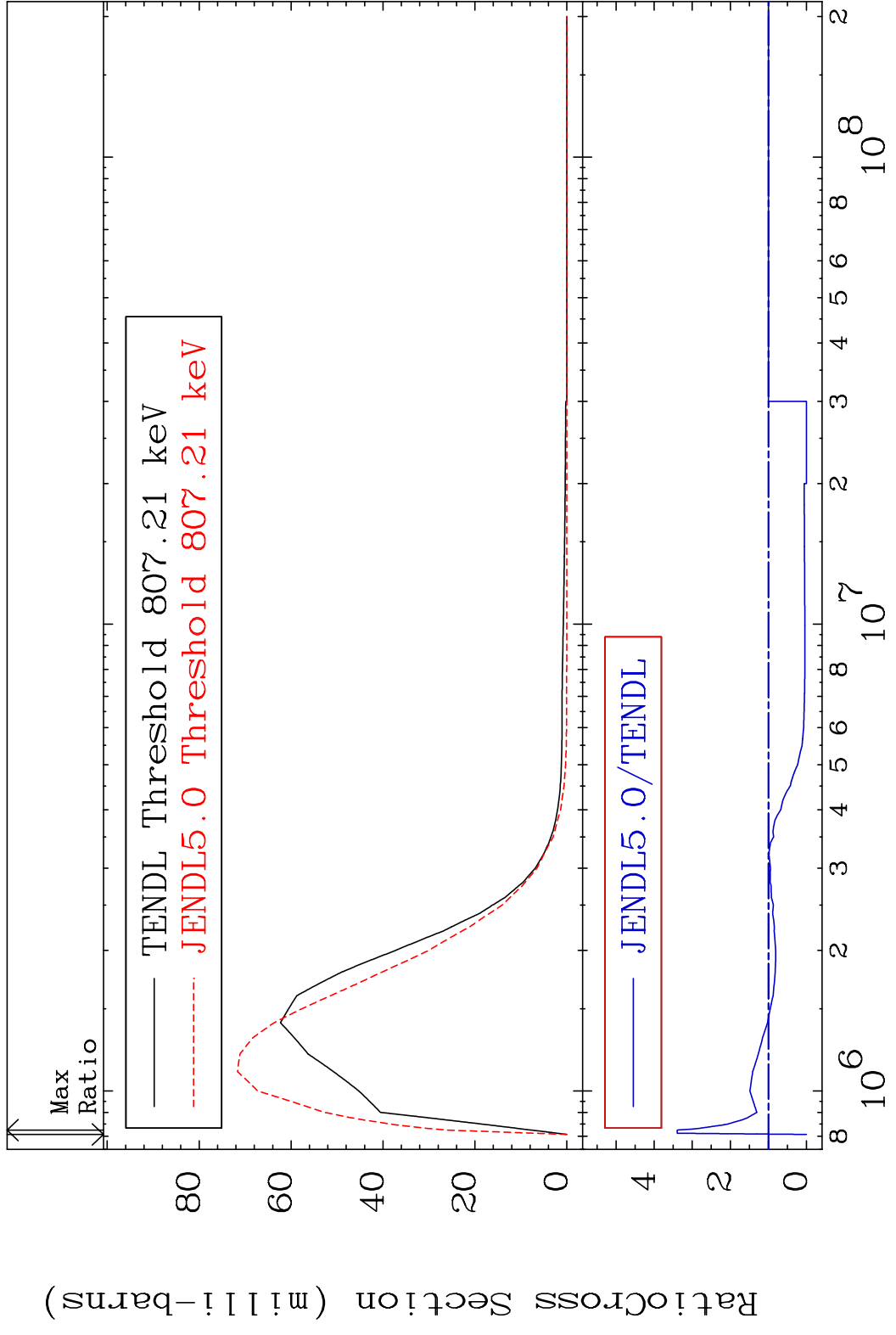
MAT 6725 MT= 73 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 92.52 %



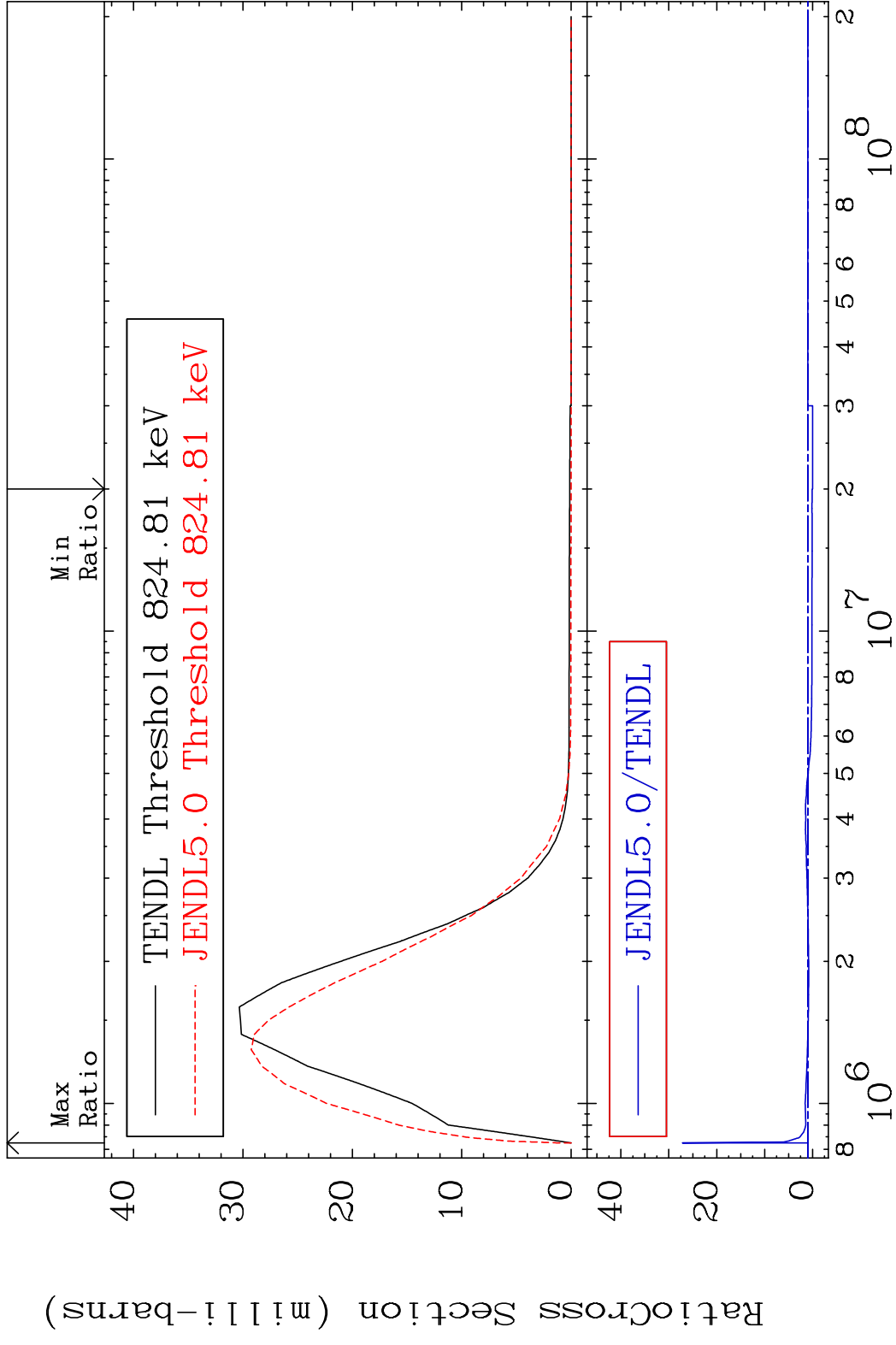
MAT 6725 MT= 74 (n,n') Level 67-Ho-165
 Cross Section -100.0 To 30.63 %



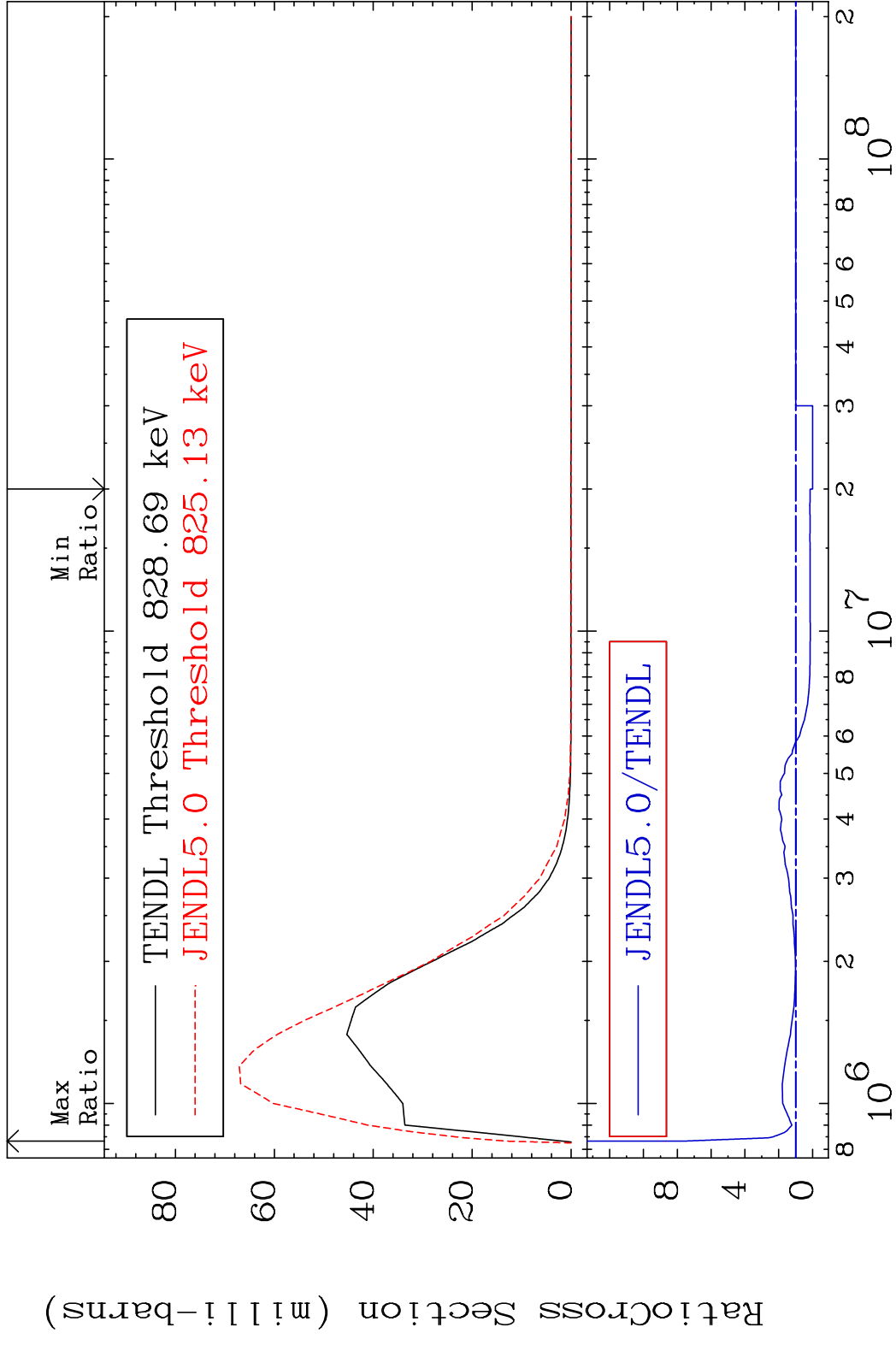
MAT 6725 MT= 75 (n,n') Level 67-Ho-165
 Cross Section -100.0 To 239.6 %



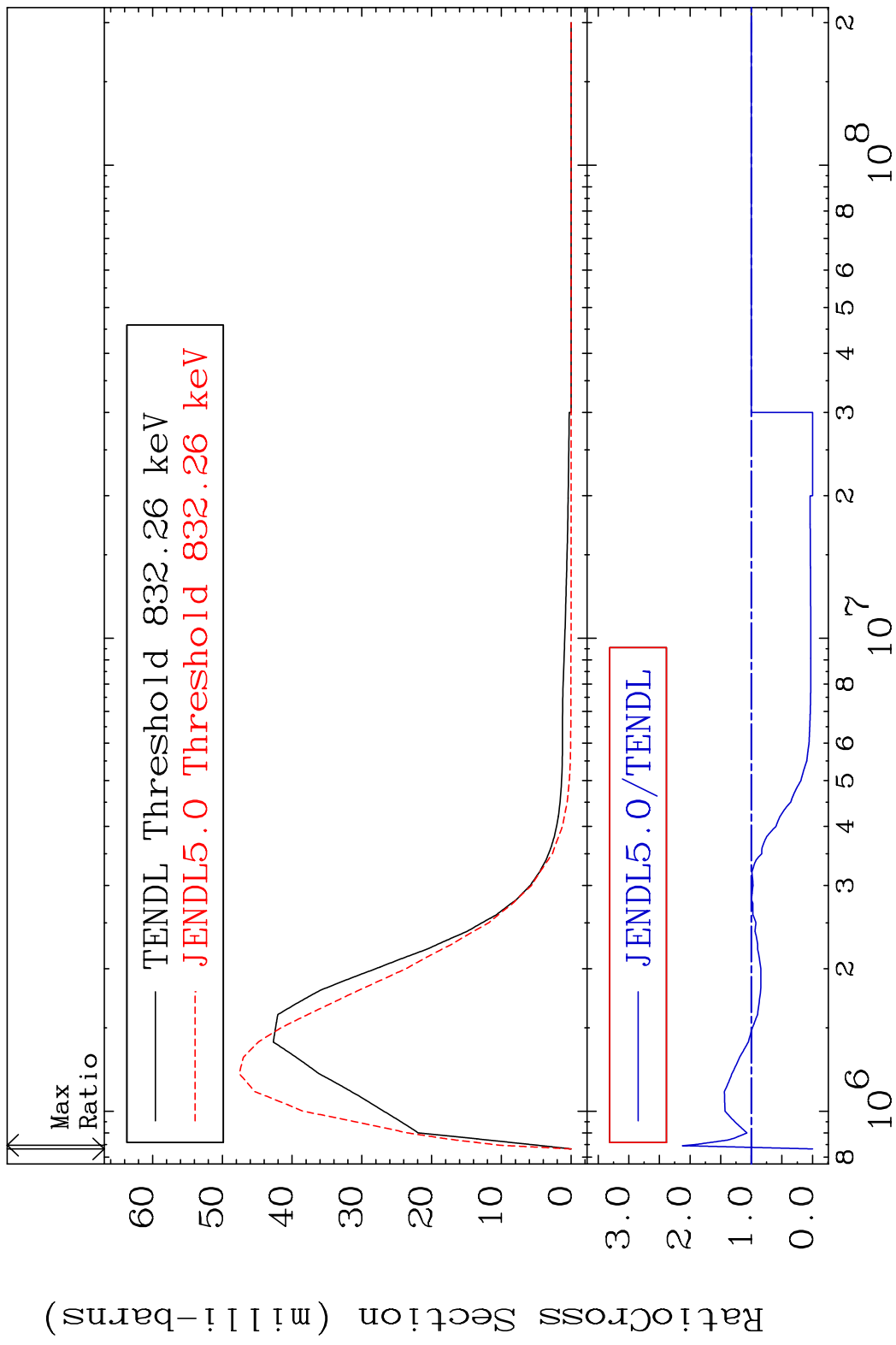
MAT 6725 MT= 76 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 2618. %



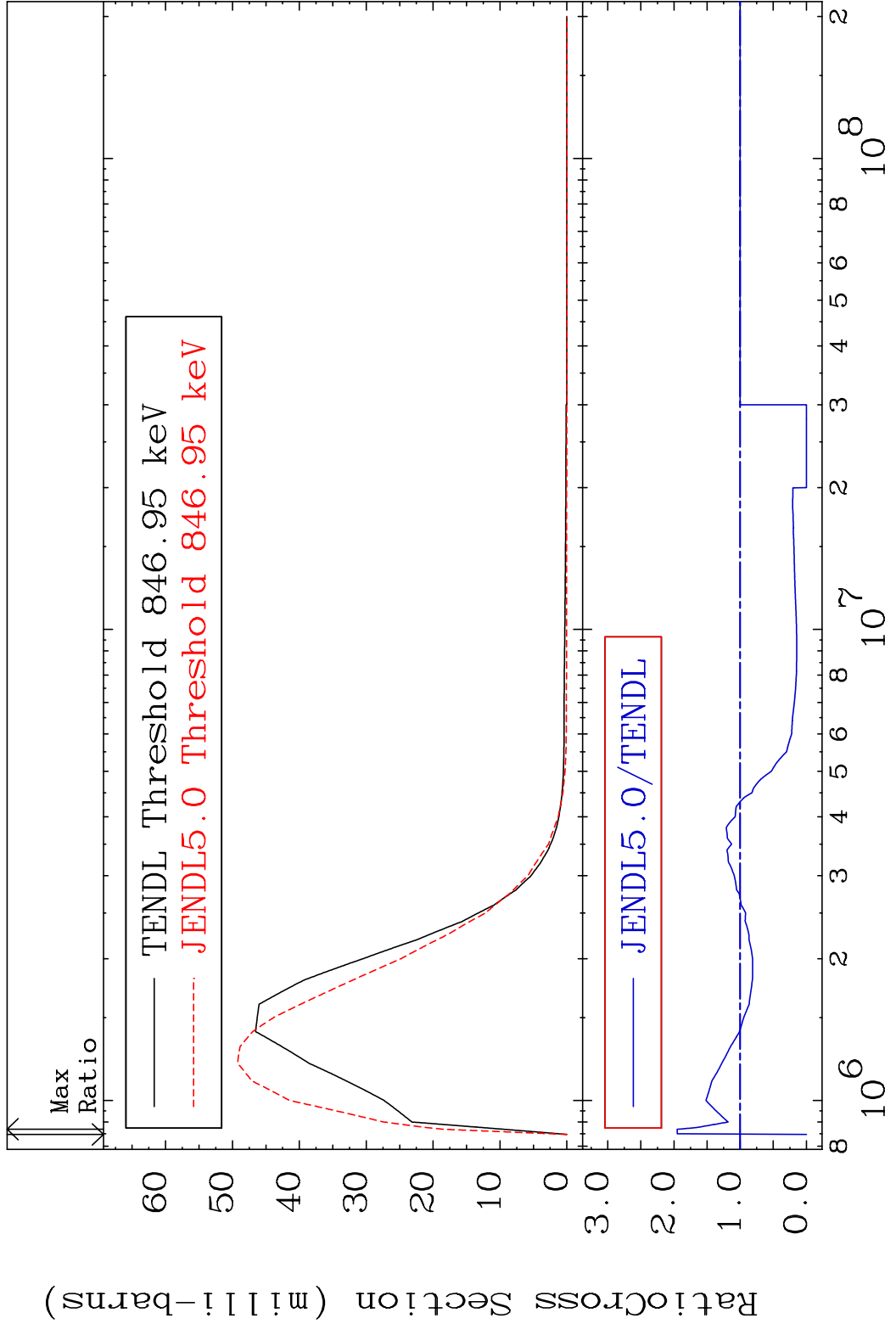
MAT 6725 MT= 77 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 670.1 %



MAT 6725 MT= 78 (n,n') Level 67-Ho-165
 Cross Section -100.0 To 112.6 %



MAT 6725 MT= 79 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 95.15 %



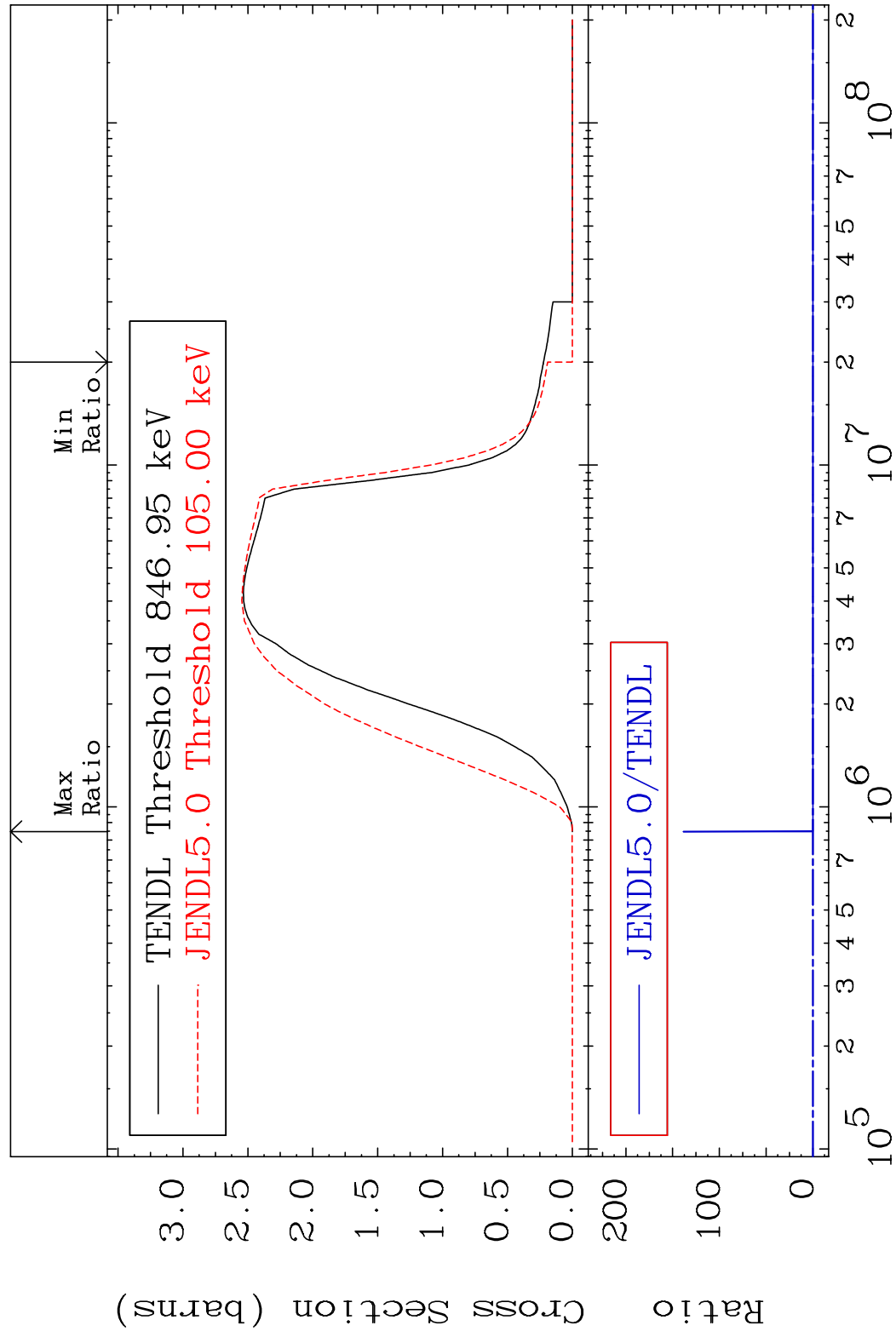
40 Incident Energy (eV) 67-Ho-165

MAT 6725

(n, n') Continuum

67-Ho-165

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

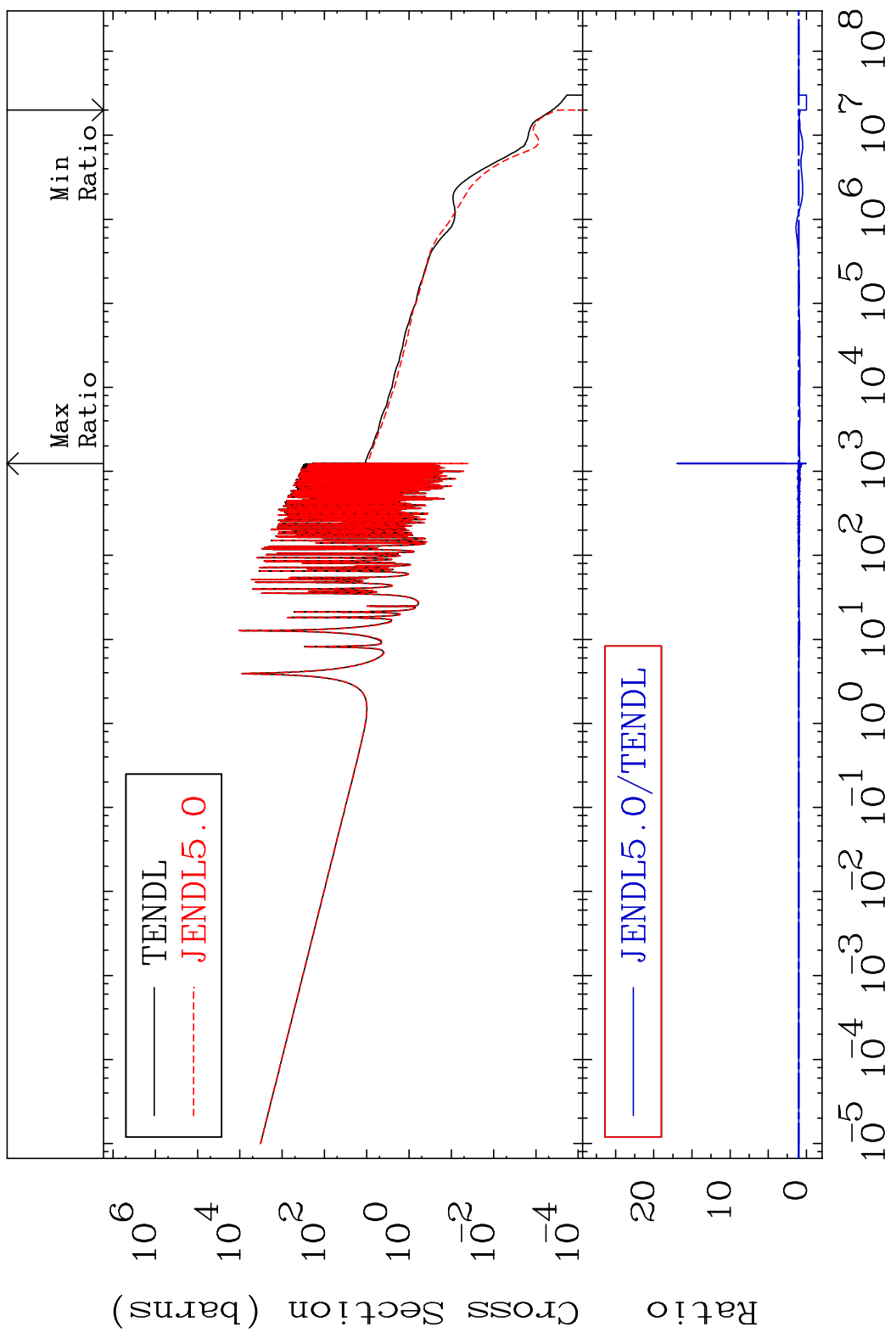
67-Ho-165

MAT 6725

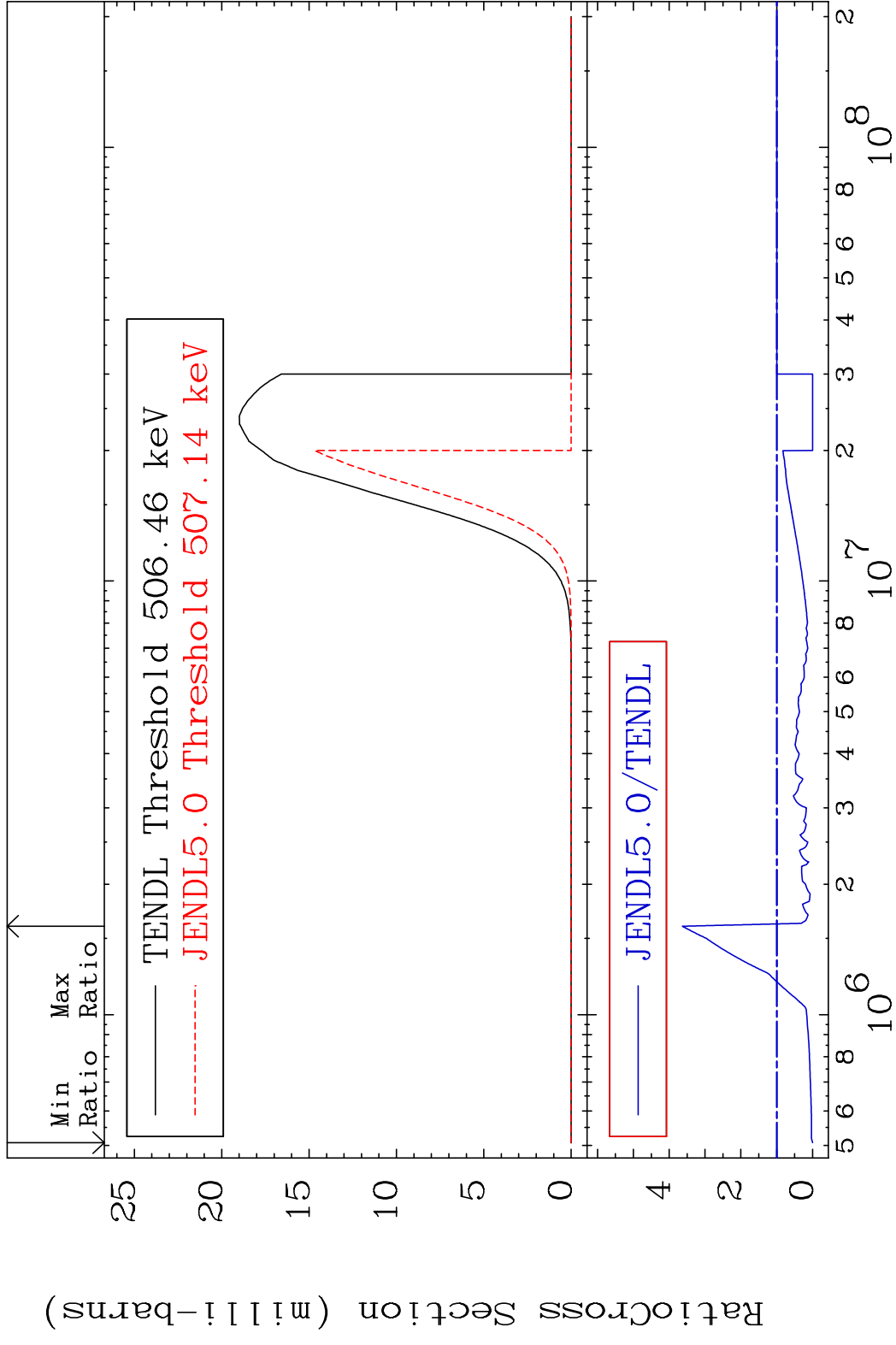
(n, γ)

67-Ho-165

Cross Section -100.0 To 1593. %



MAT 6725 (n,p) 67-Ho-165
 Cross Section -100.0 To 263.3 %

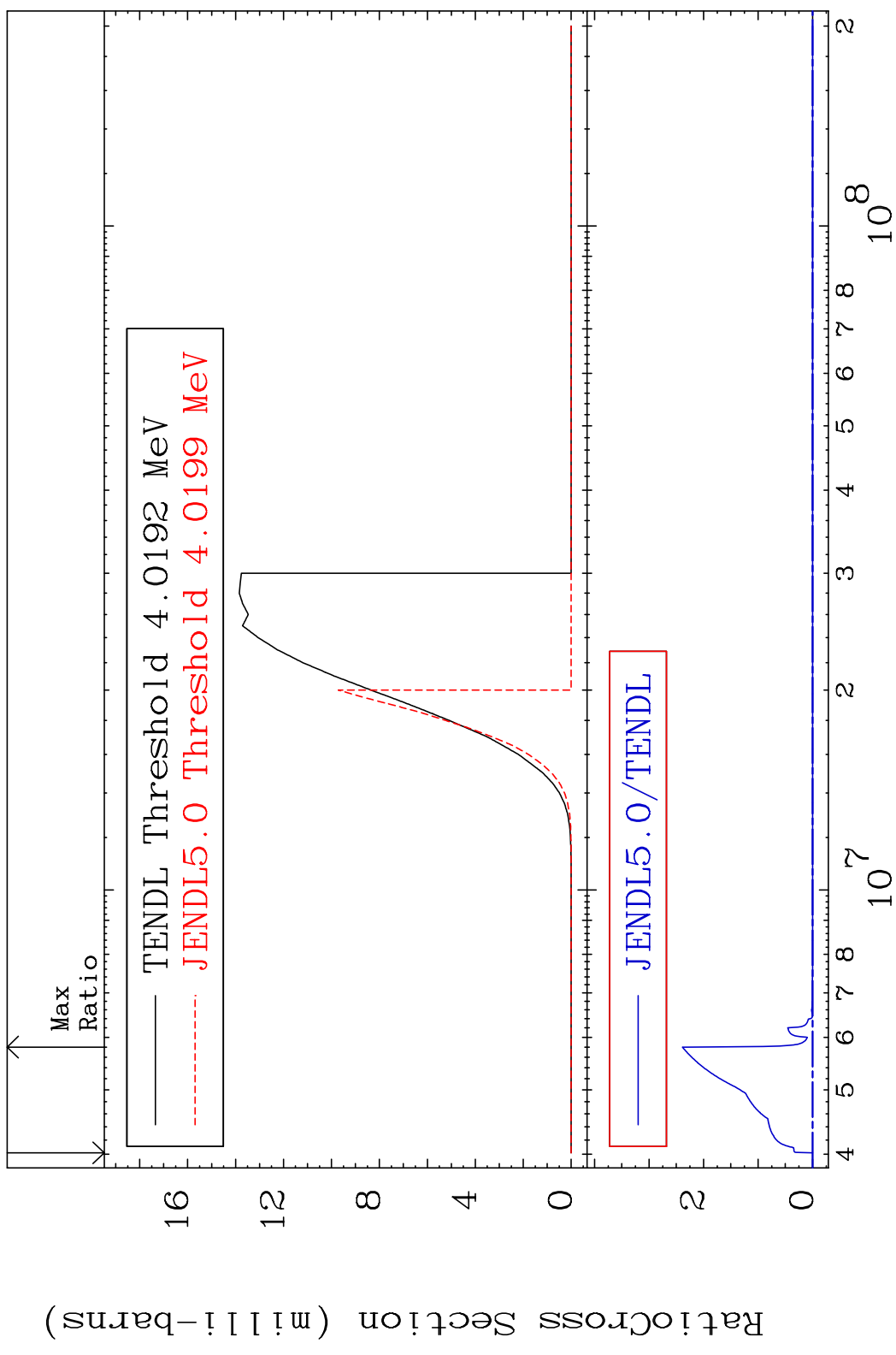


MAT 6725

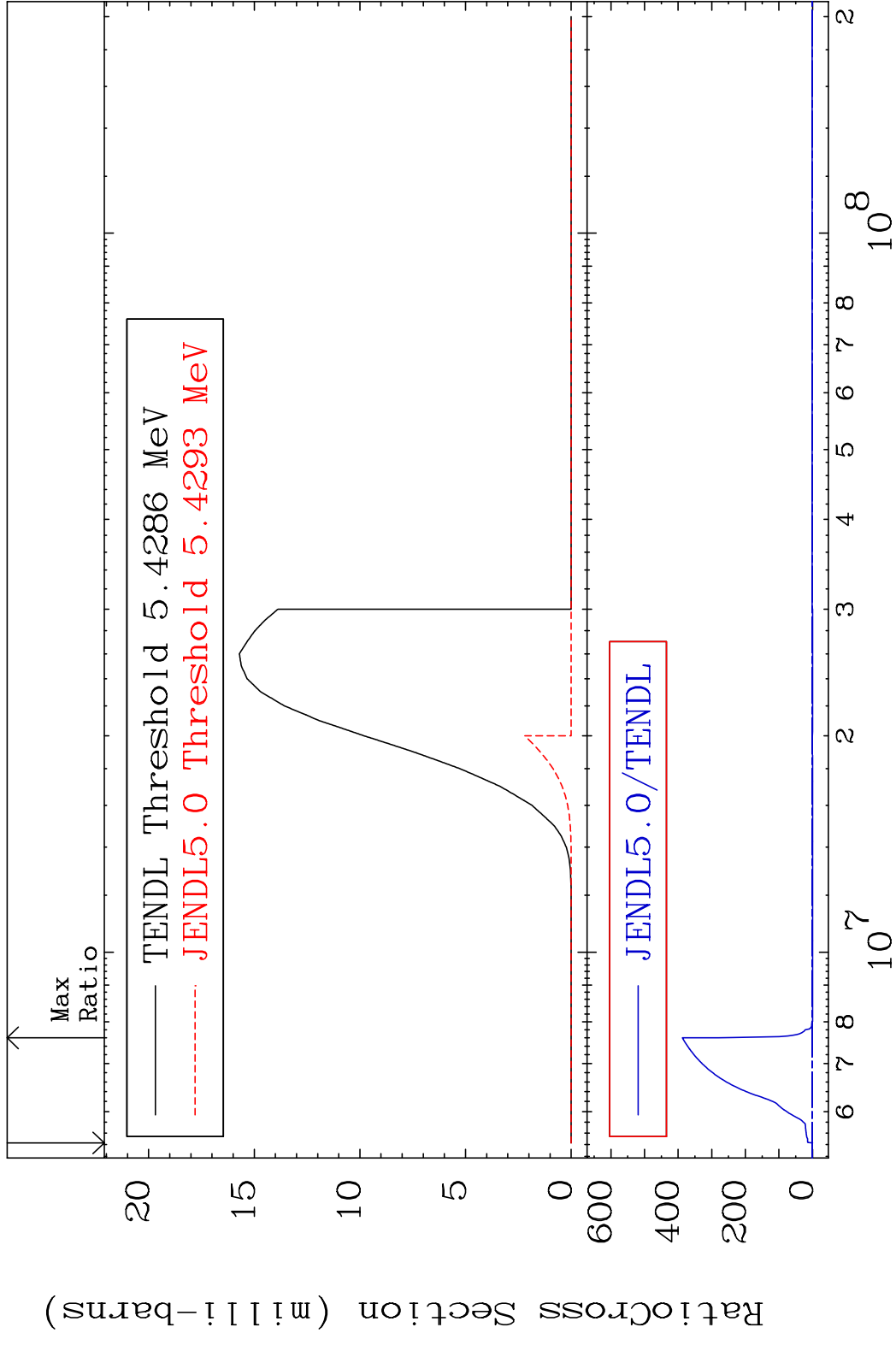
(n,d)

67-Ho-165

Cross Section -100.0 To 9999. %



MAT 6725 (n, t) 67-Ho-165
 Cross Section -100.0 To 9999. %

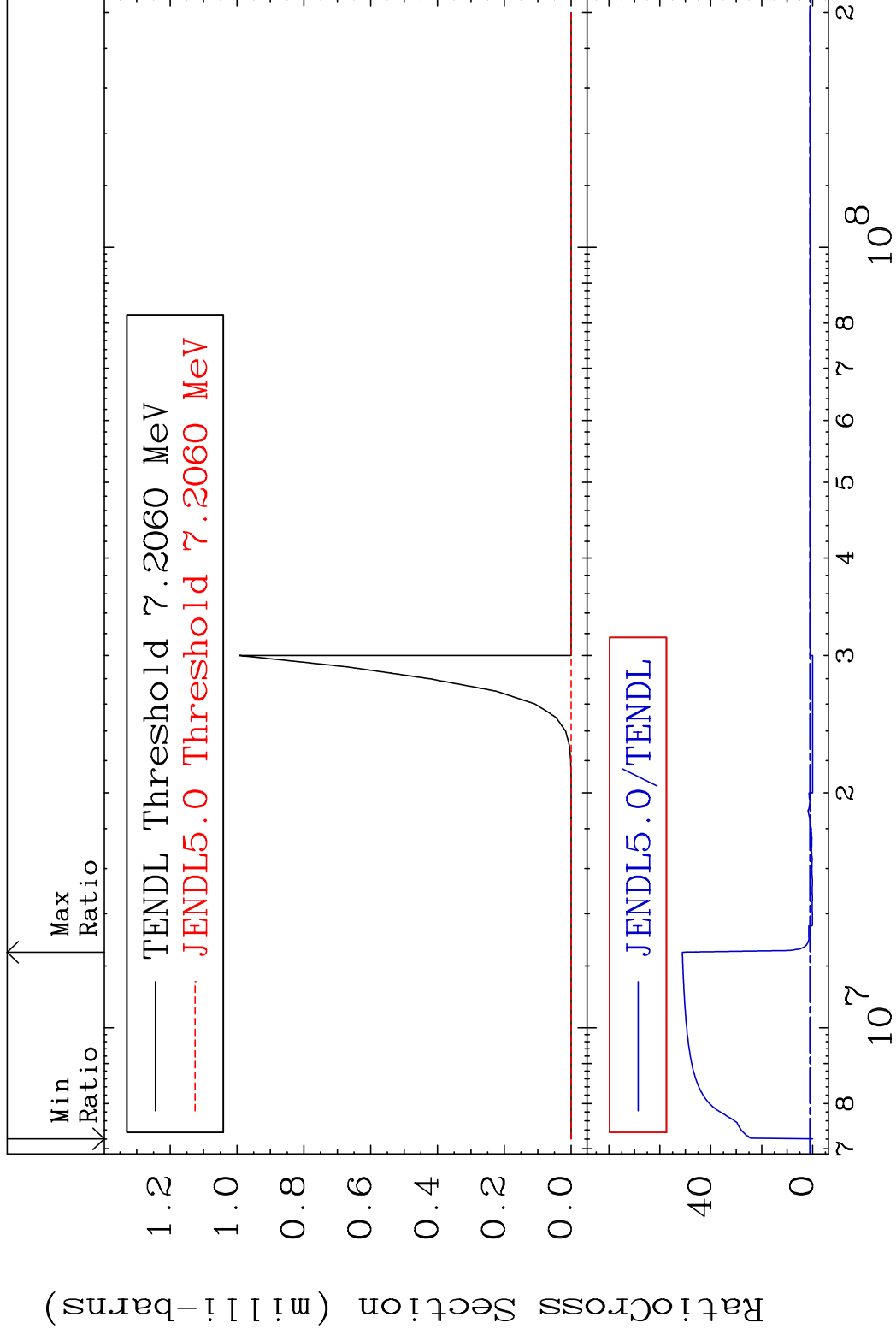


MAT 6725

(n, He-3)

67-Ho-165

Cross Section -100.0 To 5017. %



46

Incident Energy (eV)

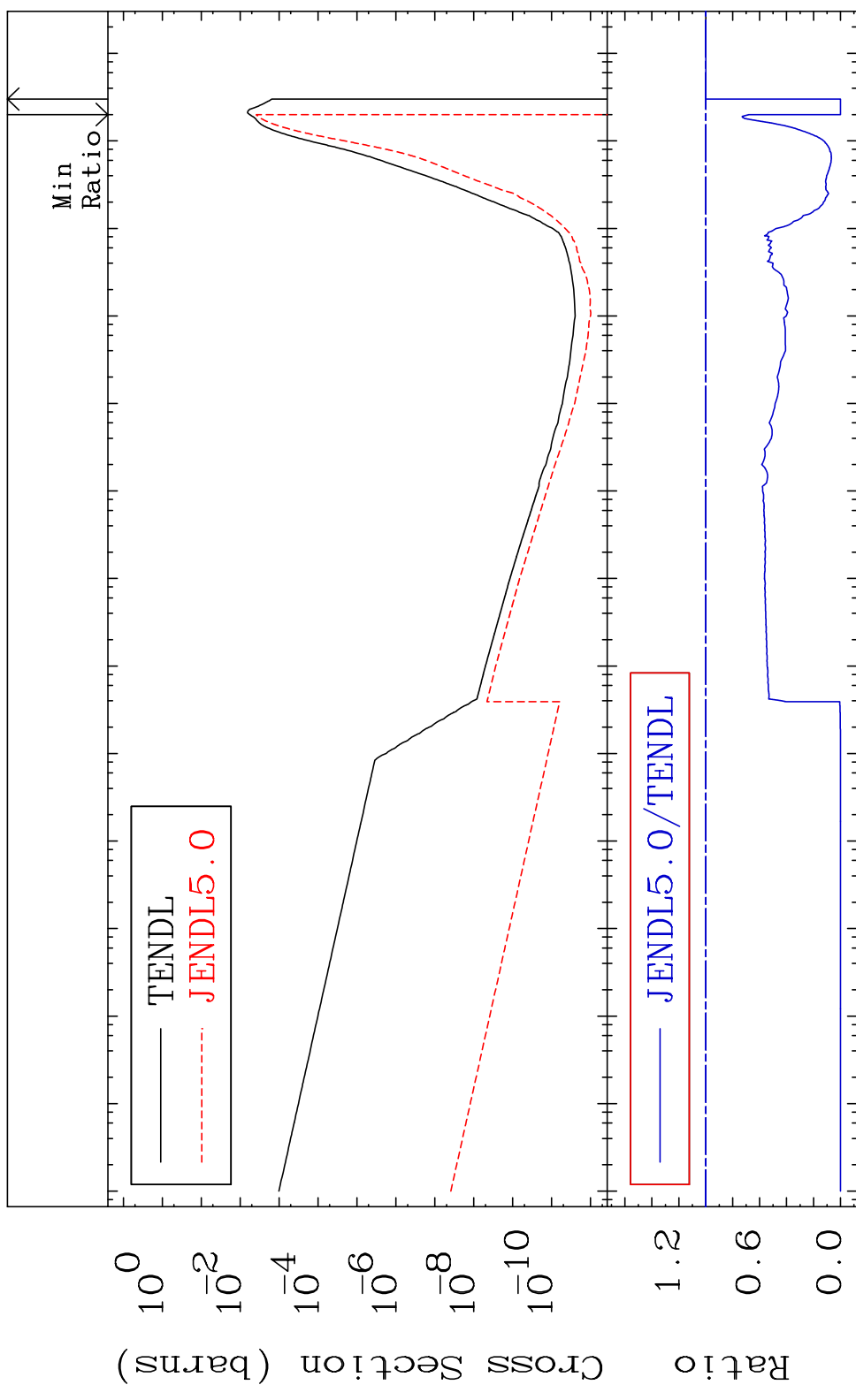
67-Ho-165

MAT 6725

(n, α)

67-Ho-165

Cross Section -100.0 To 0.000 %



Ratio
1.2
0.6
0.0

47

Incident Energy (eV)

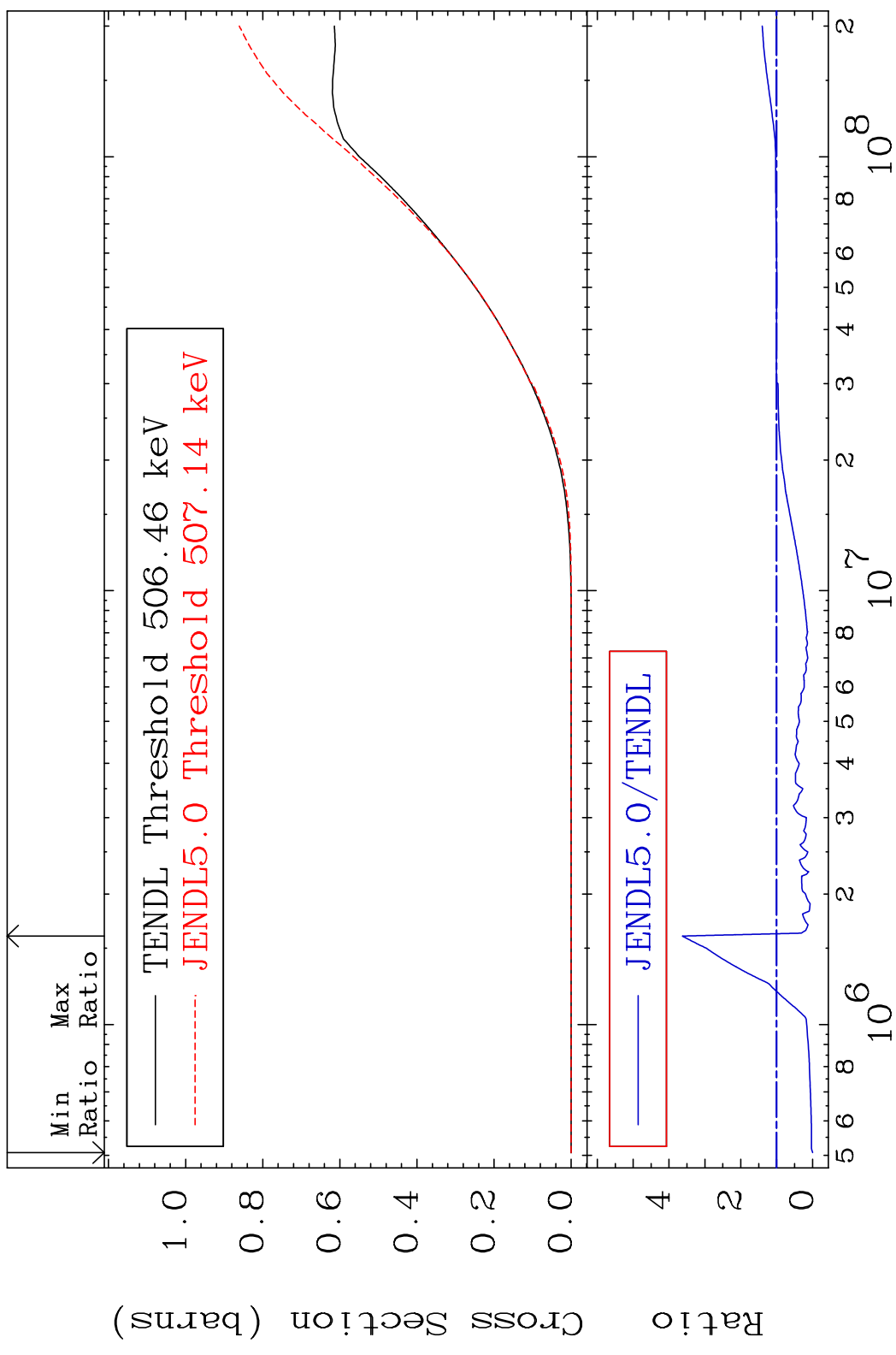
67-Ho-165

MAT 6725

Hydrogen Production

67-Ho-165

Cross Section -100.0 To 262.9 %



48

Incident Energy (eV)

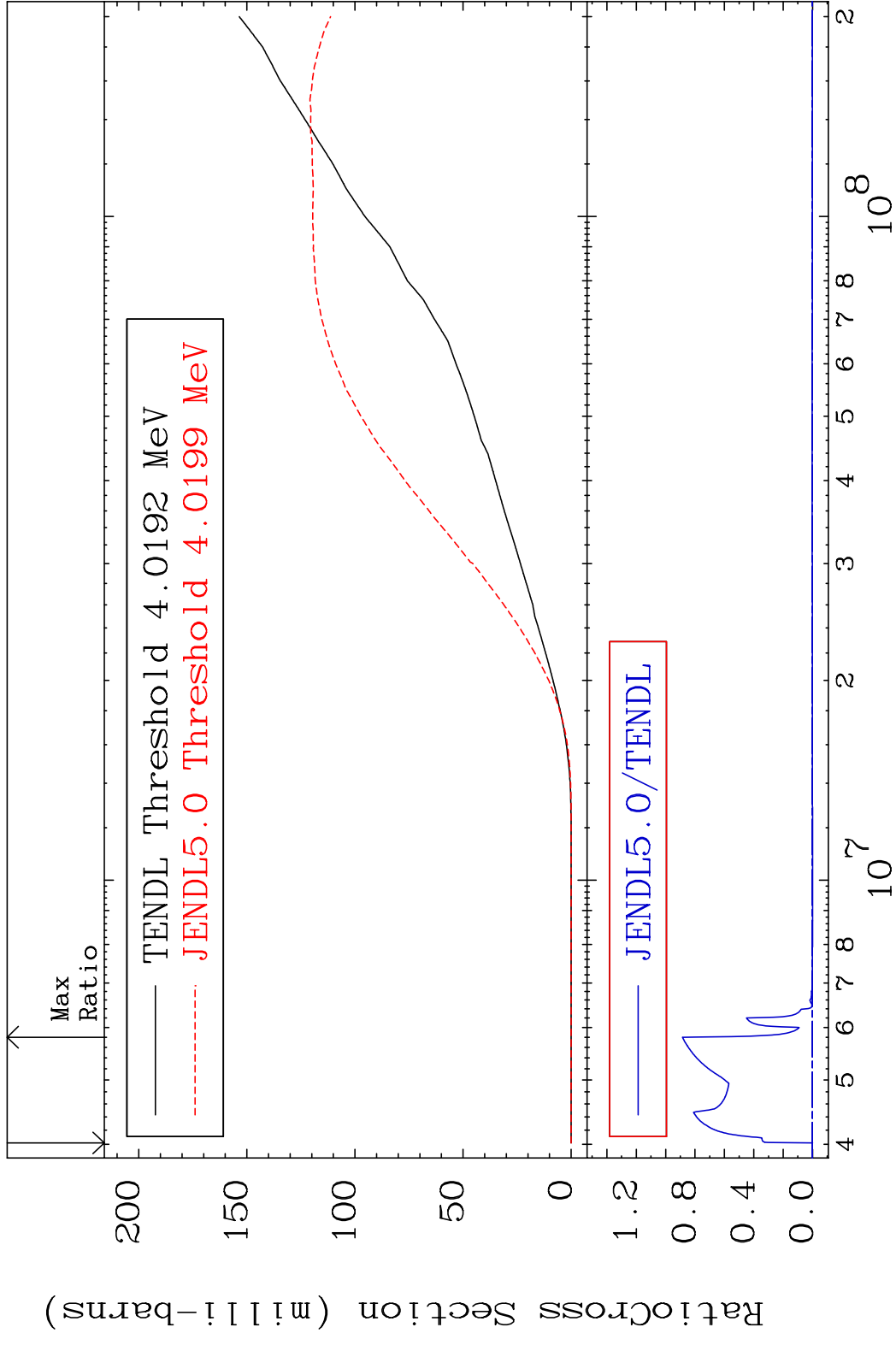
67-Ho-165

MAT 6725

Deuterium Production

67-Ho-165

Cross Section -100.0 To 9999. %

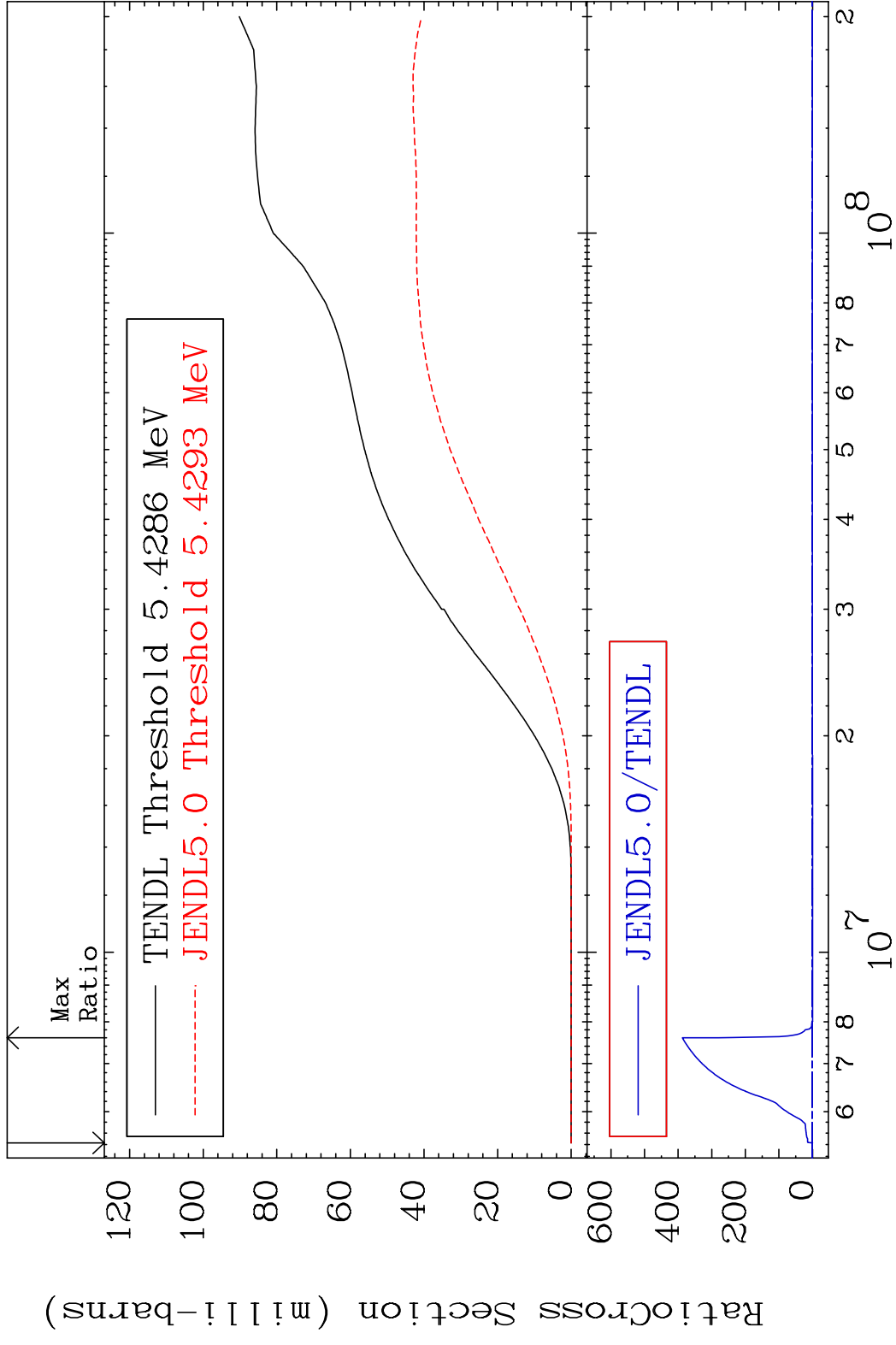


49

Incident Energy (eV)

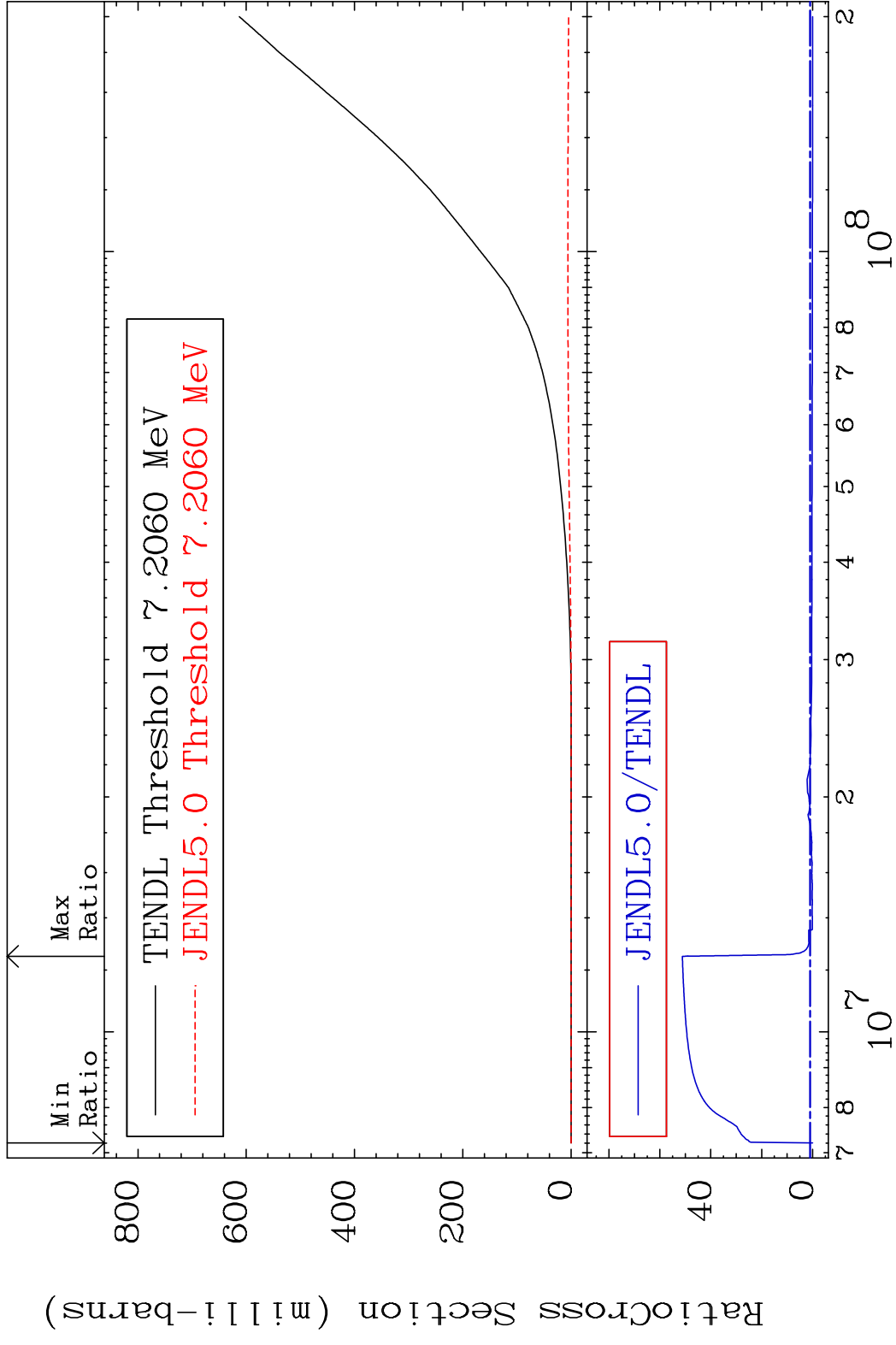
67-Ho-165

MAT 6725 Tritium Production 67-Ho-165
 Cross Section -100.0 To 9999. %



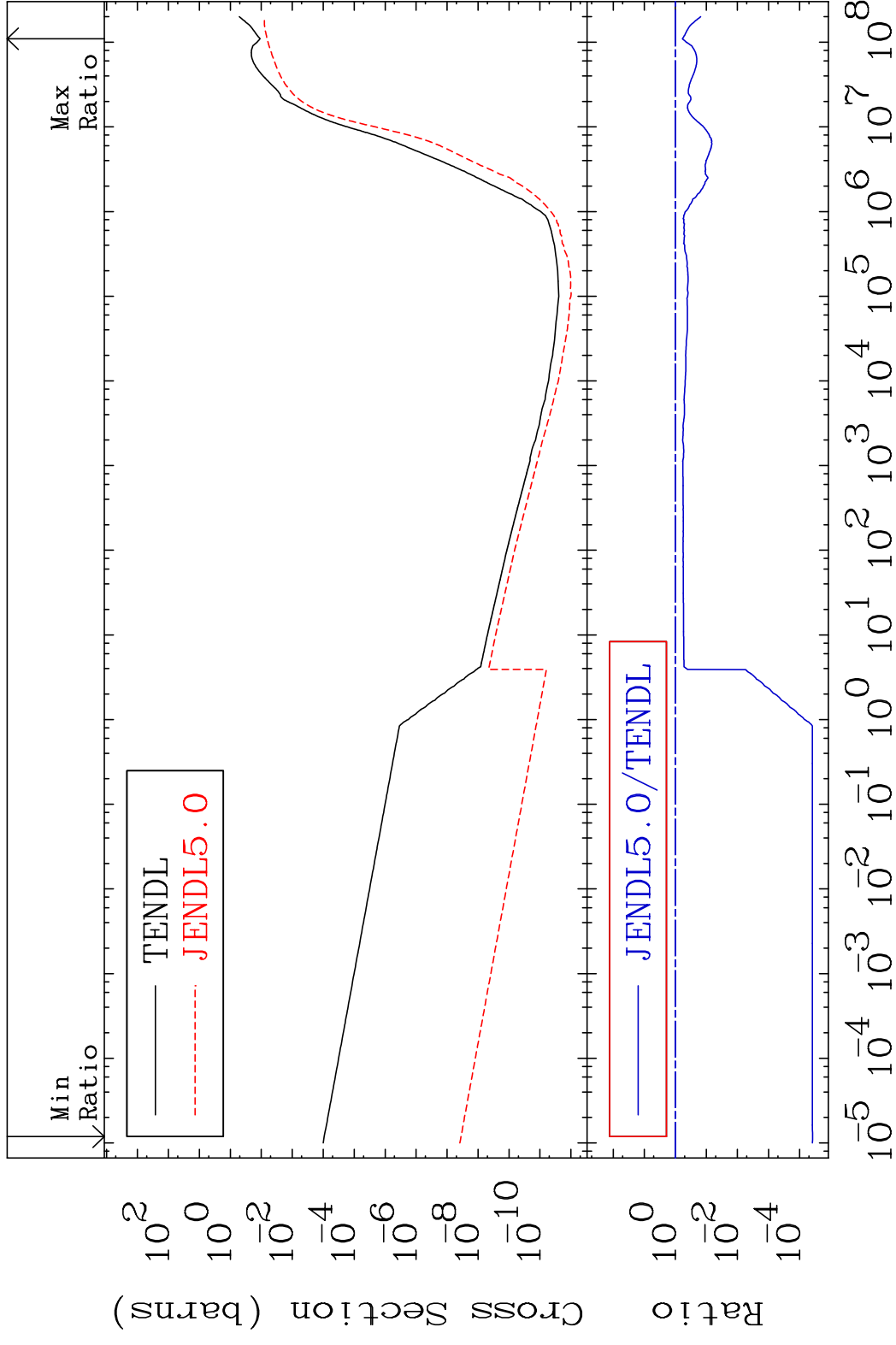
50 Incident Energy (eV) 67-Ho-165

MAT 6725 He-3 Production 67-Ho-165
 Cross Section -100.0 To 5017. %

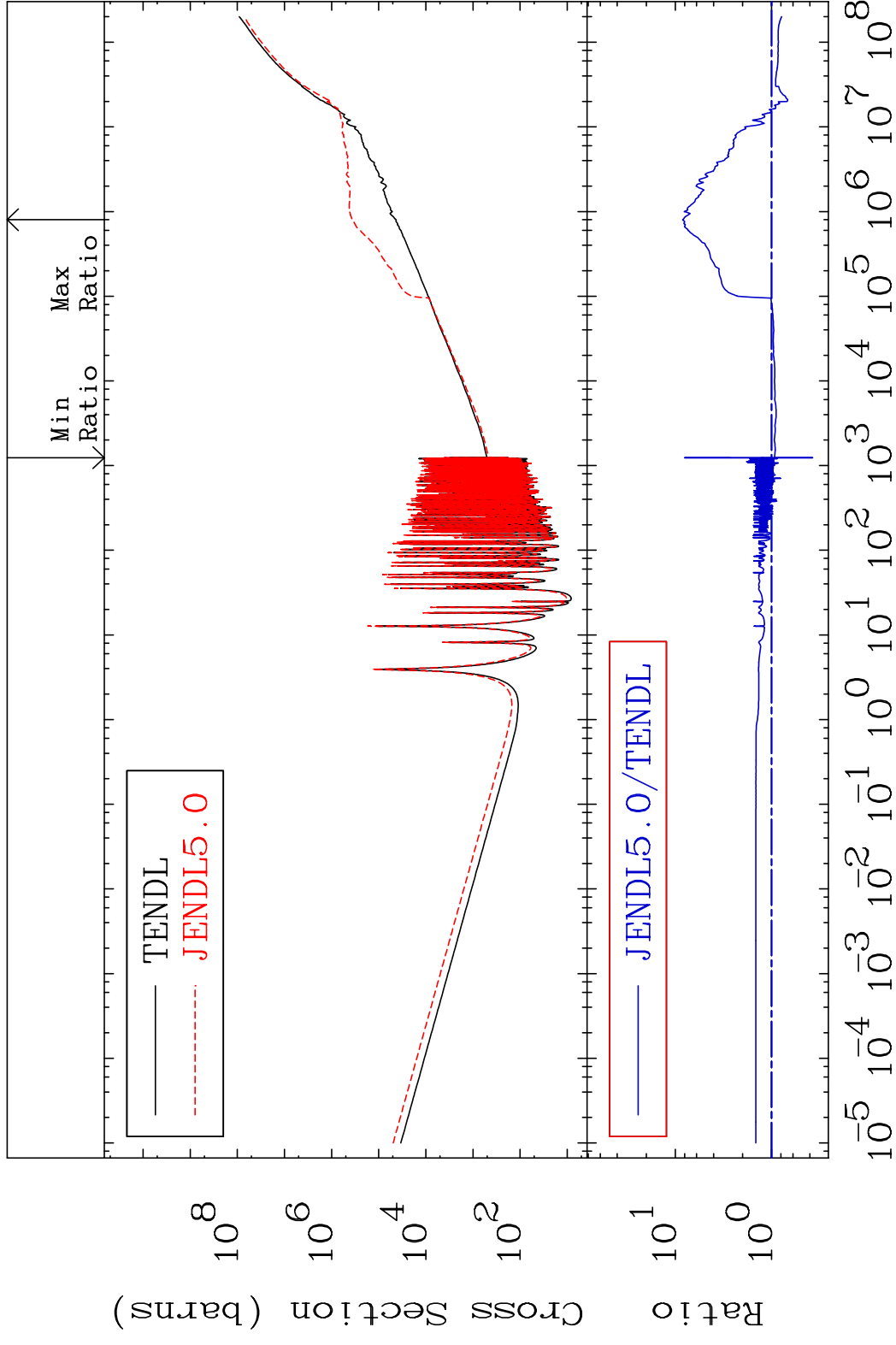


51 Incident Energy (eV) 67-Ho-165

MAT 6725 He-4 Production 67-Ho-165
 Cross Section -100.0 To -40.41%

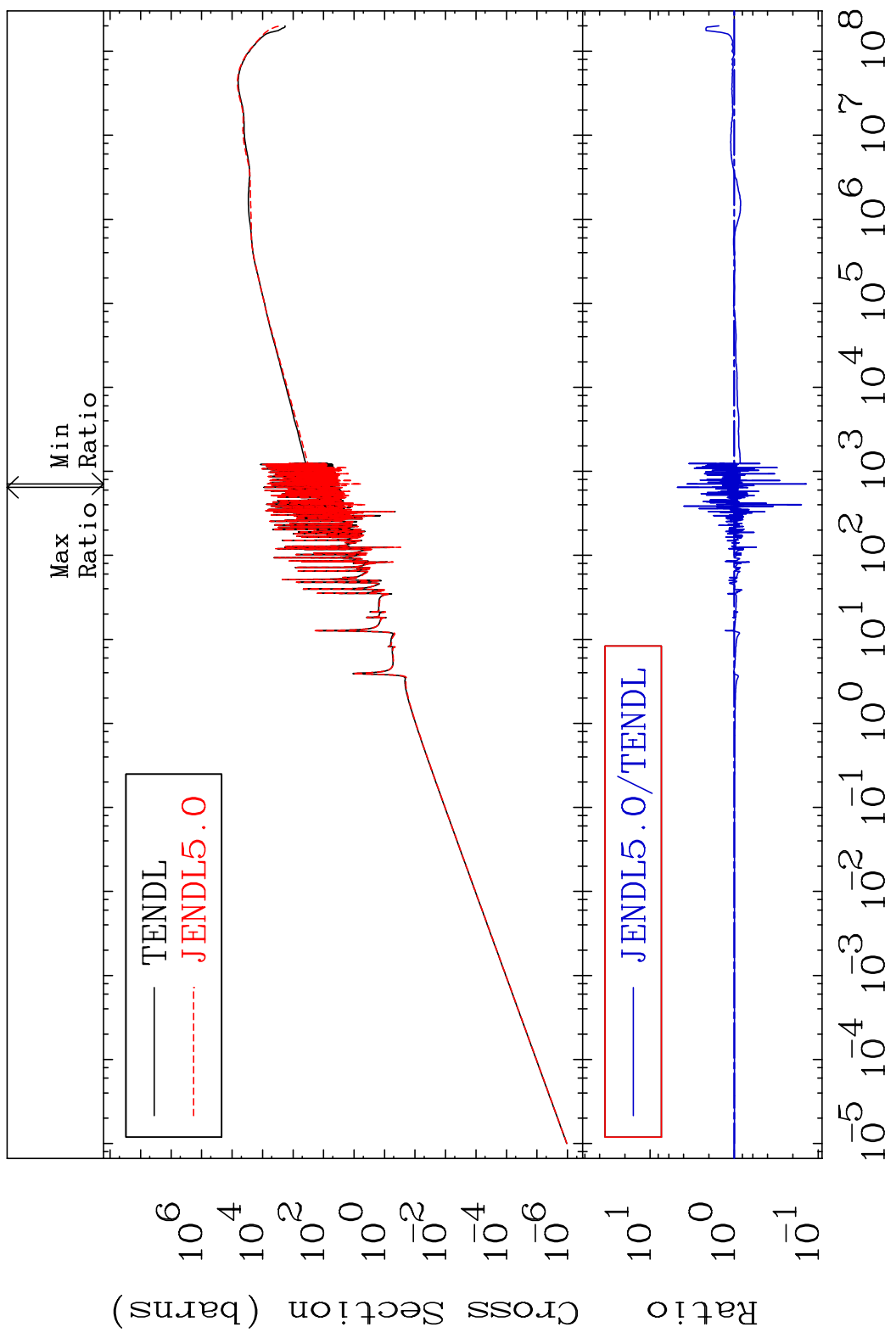


MAT 6725 Kerma total (eV-barns) 67-Ho-165
 Cross Section -62.49 To 743.8 %

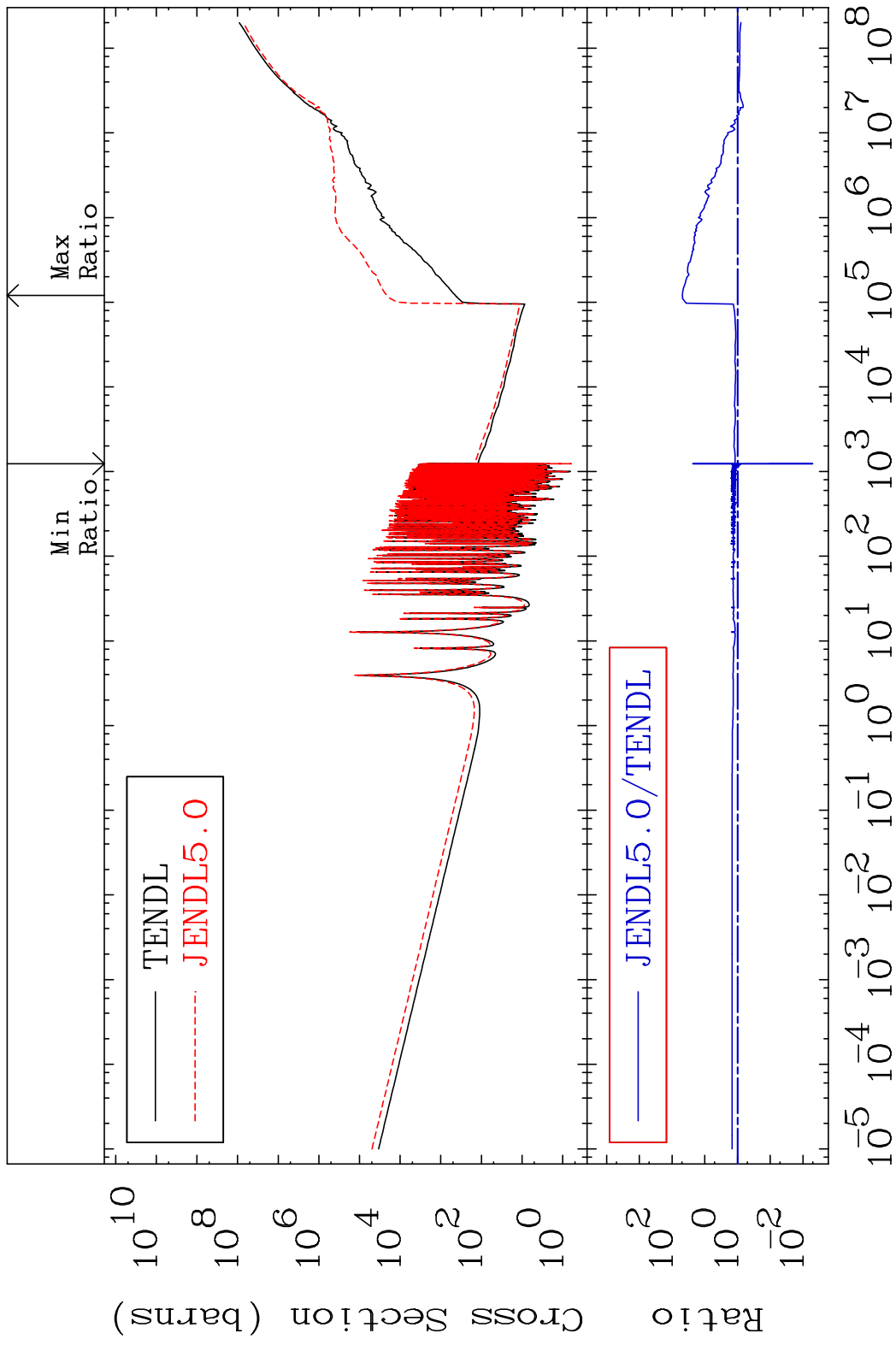


MAT 6725

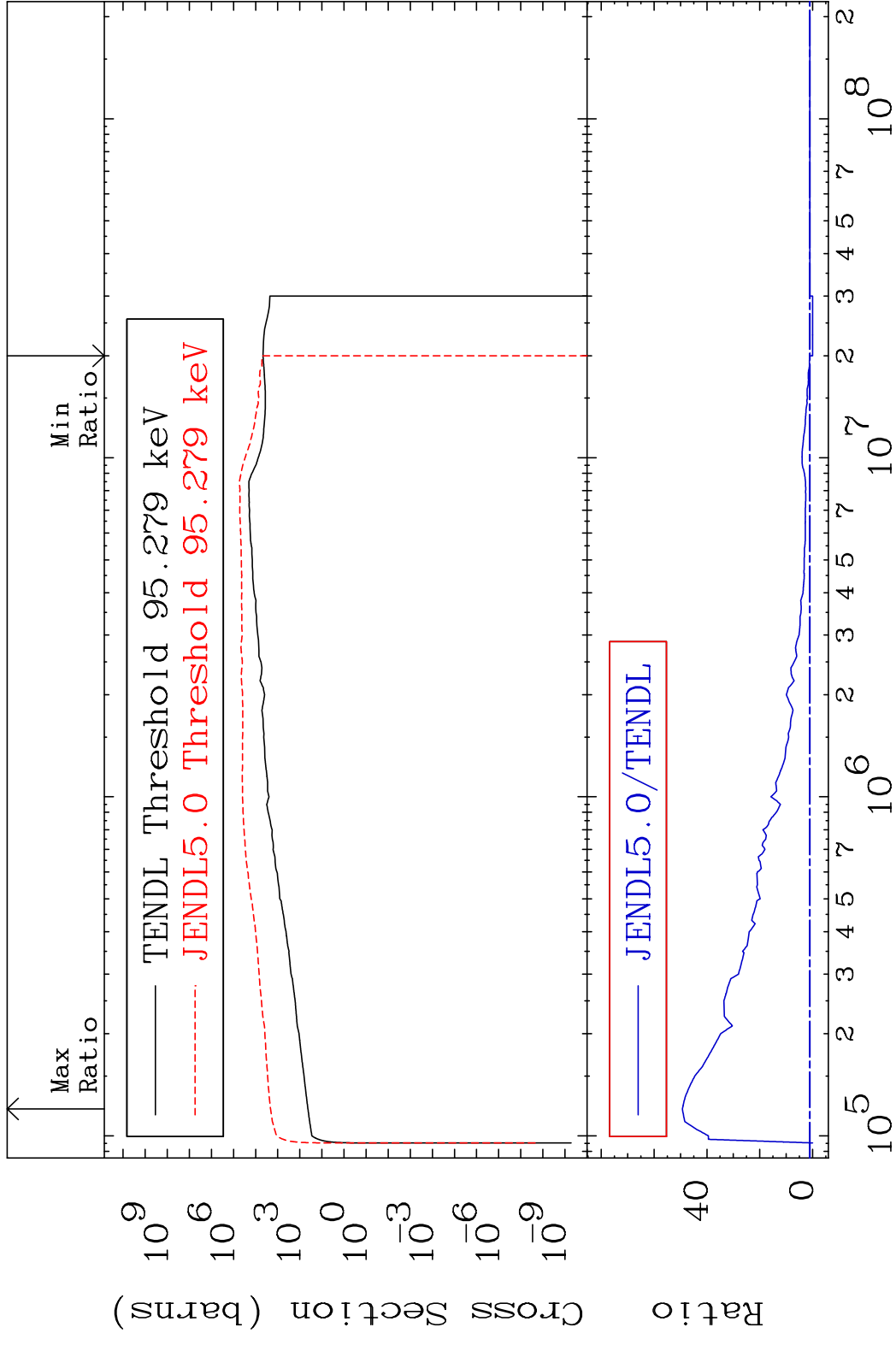
Kerma elastic Cross Section -86.19 To 376.8 %
67-Ho-165



MAT 6725 Kerma non-elastic (all but mt2) 67-Ho-165
 Cross Section -99.49 To 4746. %

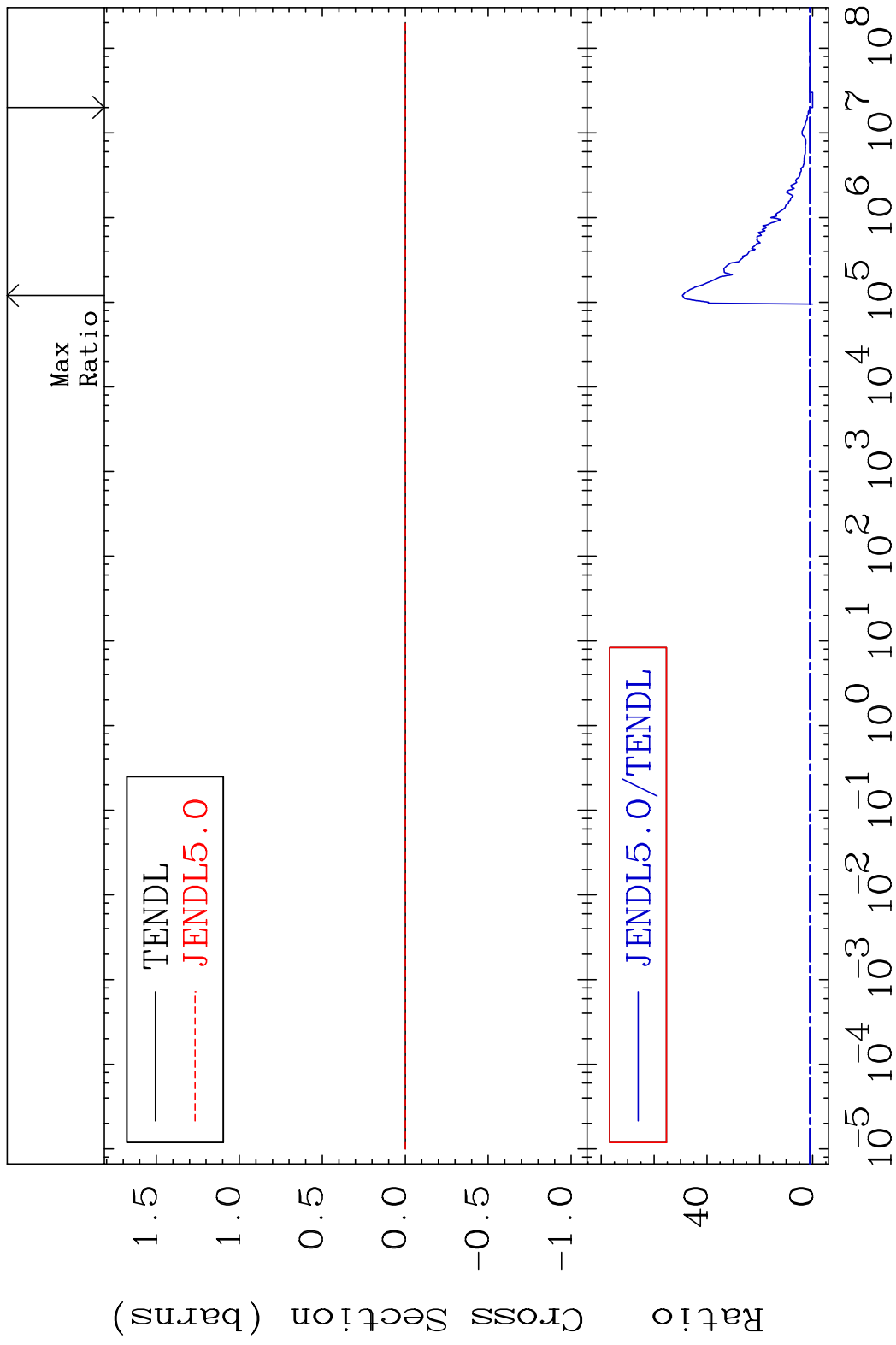


MAT 6725 Kerma inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 4830. %



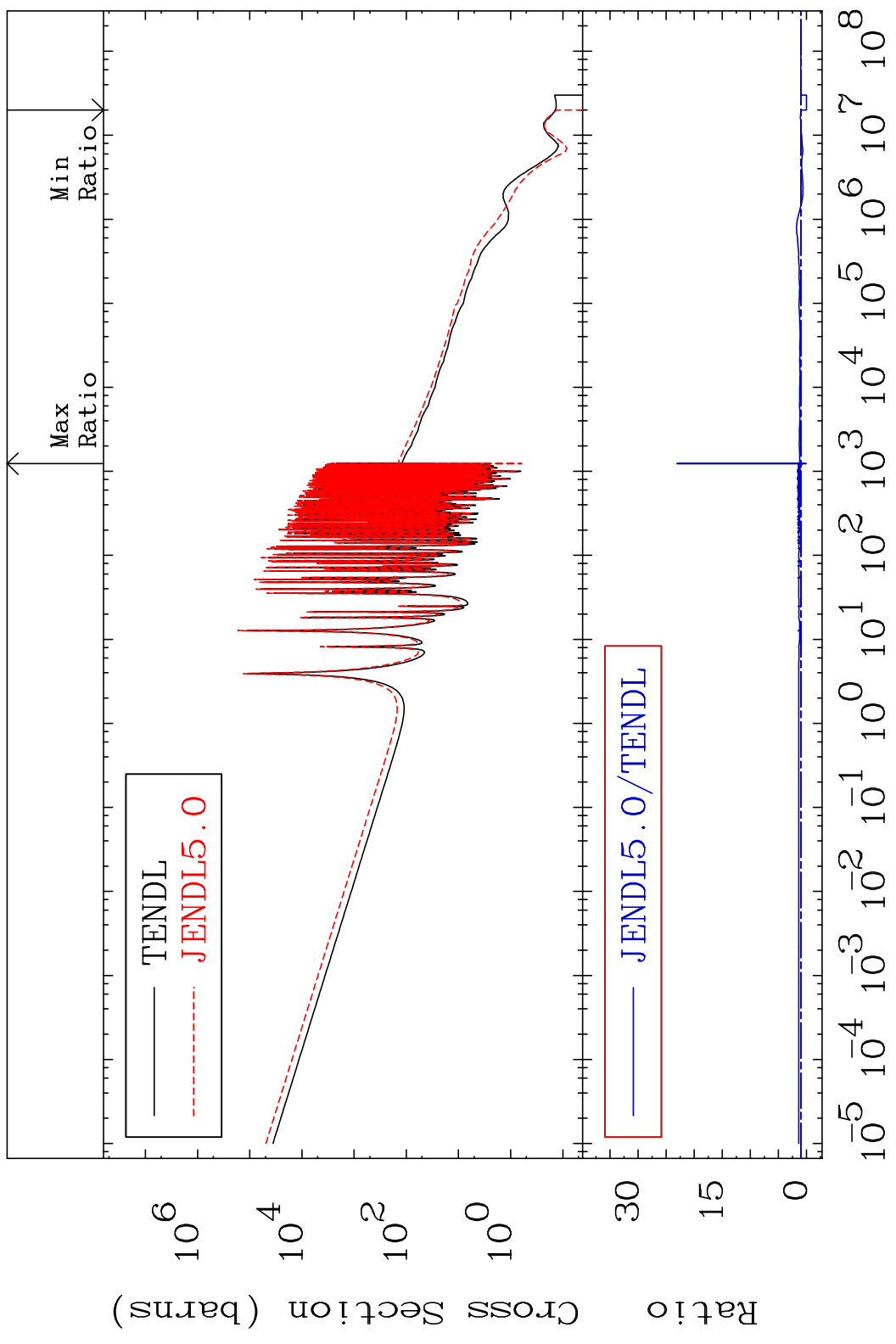
56 Incident Energy (eV) 67-Ho-165

MAT 6725 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-165
 Cross Section -100.0 To 4830. %



MAT 6725

Kerma capture (mt102) 67-Ho-165
Cross Section -100.0 To 2203. %

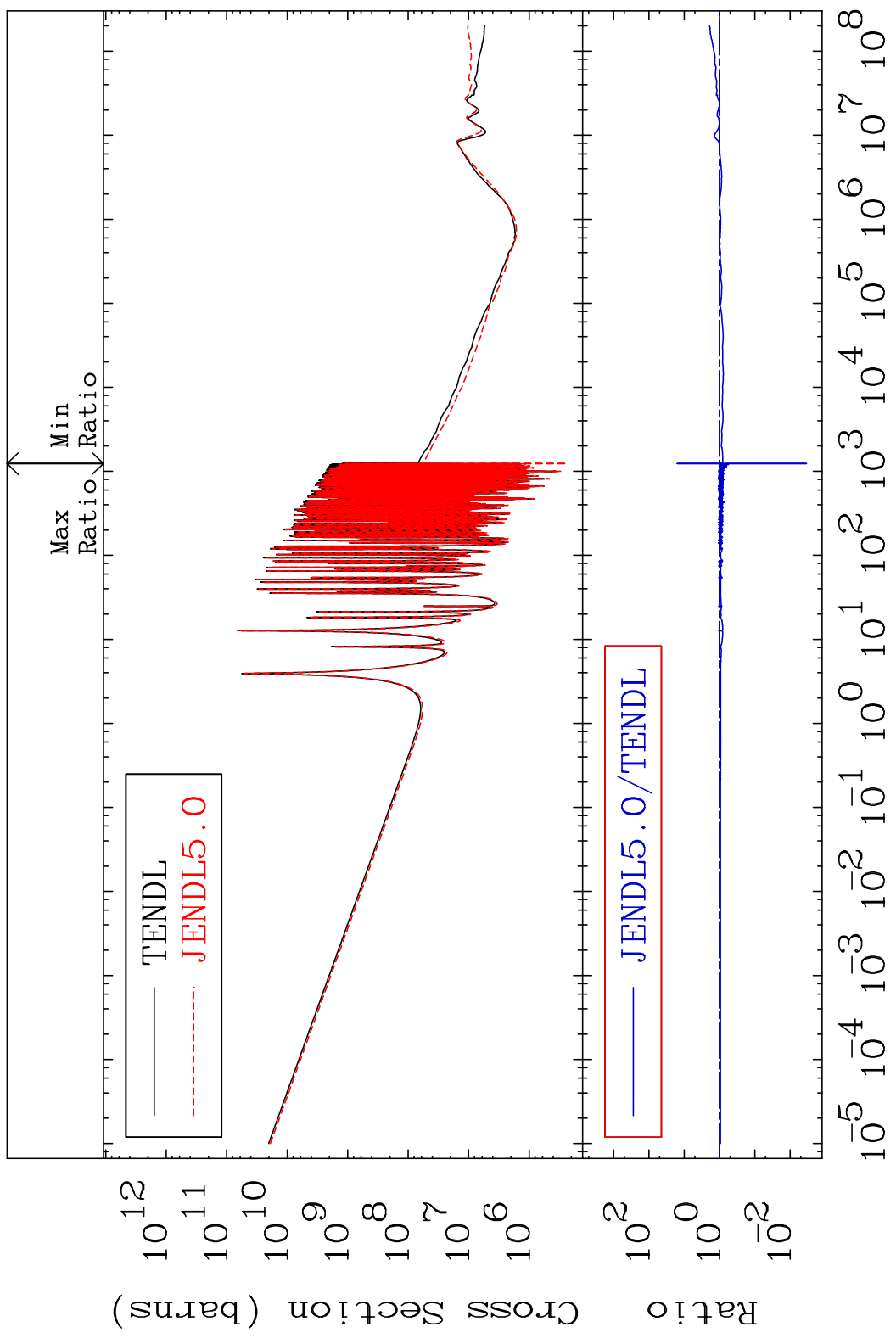


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Incident Energy (eV) 67-Ho-165

MAT 6725

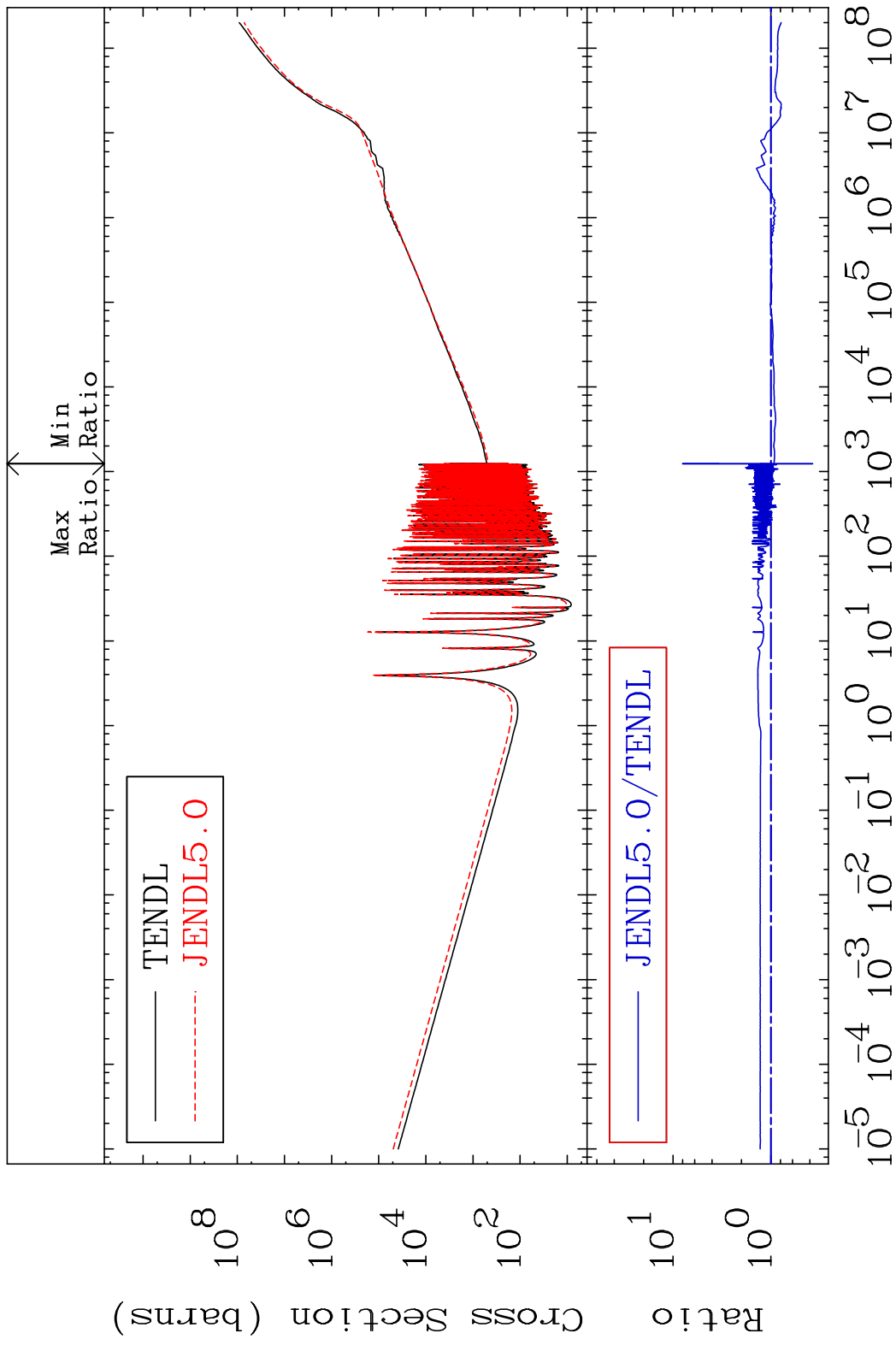
Total photon (eV-barns) 67-Ho-165
Cross Section -99.65 To 1481. %



59

Incident Energy (eV) 67-Ho-165

MAT 6725 Total kinematic kerma (high limit) 67-Ho-165
Cross Section -62.49 To 702.9 %



60

Incident Energy (eV)

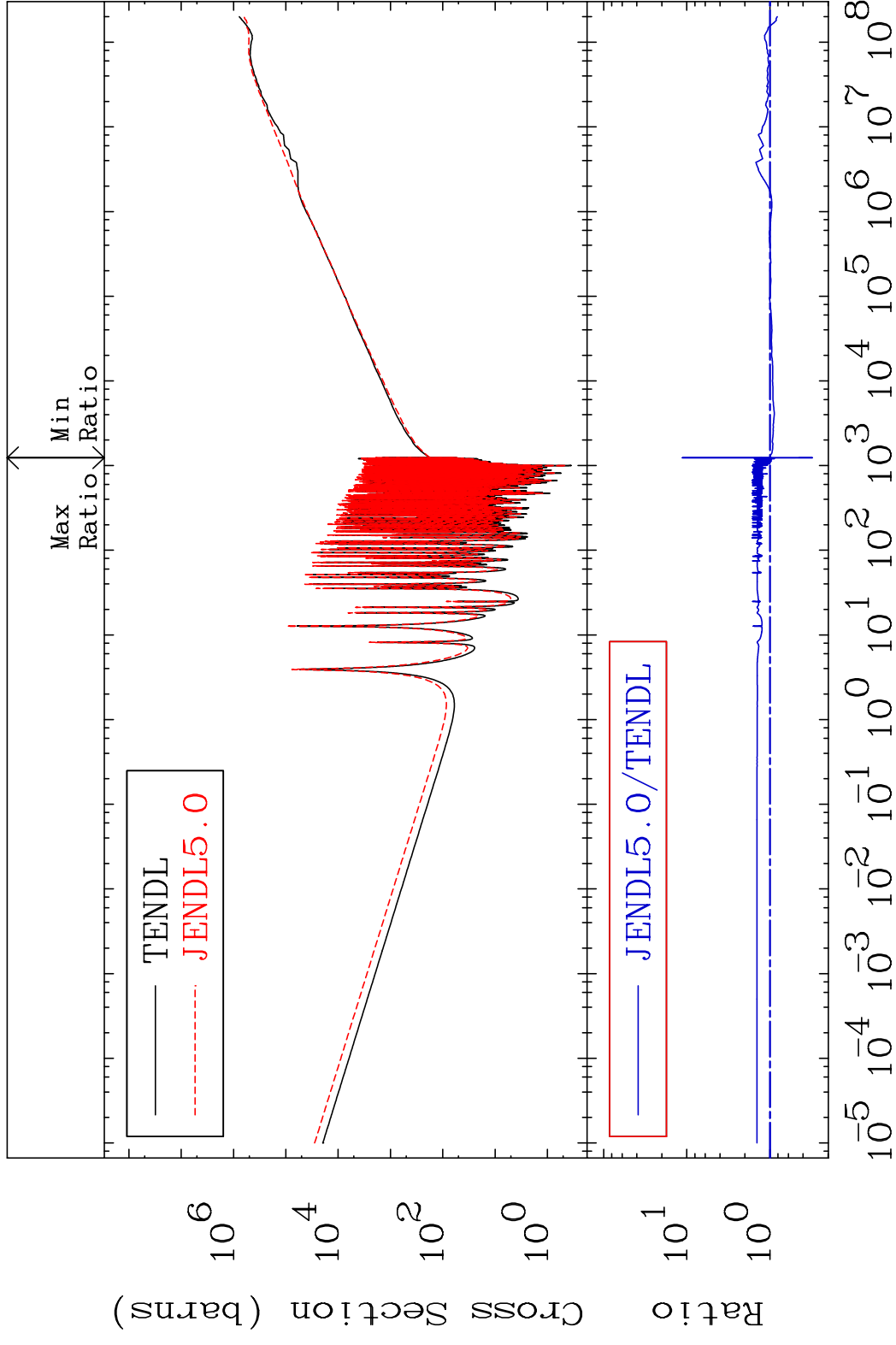
67-Ho-165

MAT 6725

Dpa total (eV-barns)

67-Ho-165

Cross Section -69.23 To 1032. %



61

Incident Energy (eV)

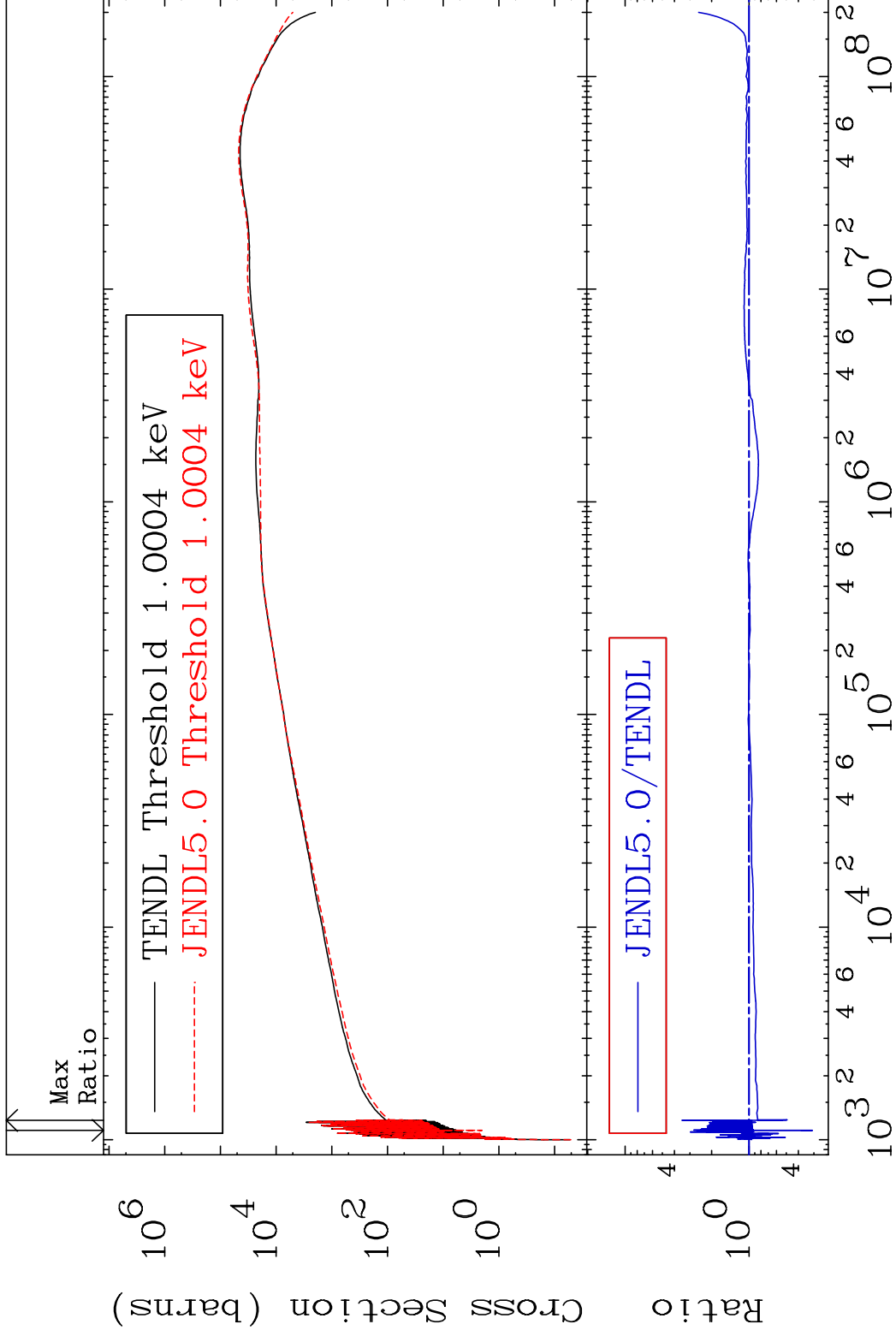
67-Ho-165

MAT 6725

Dpa elastic (mt2)

67-Ho-165

Cross Section -69.26 To 246.4 %

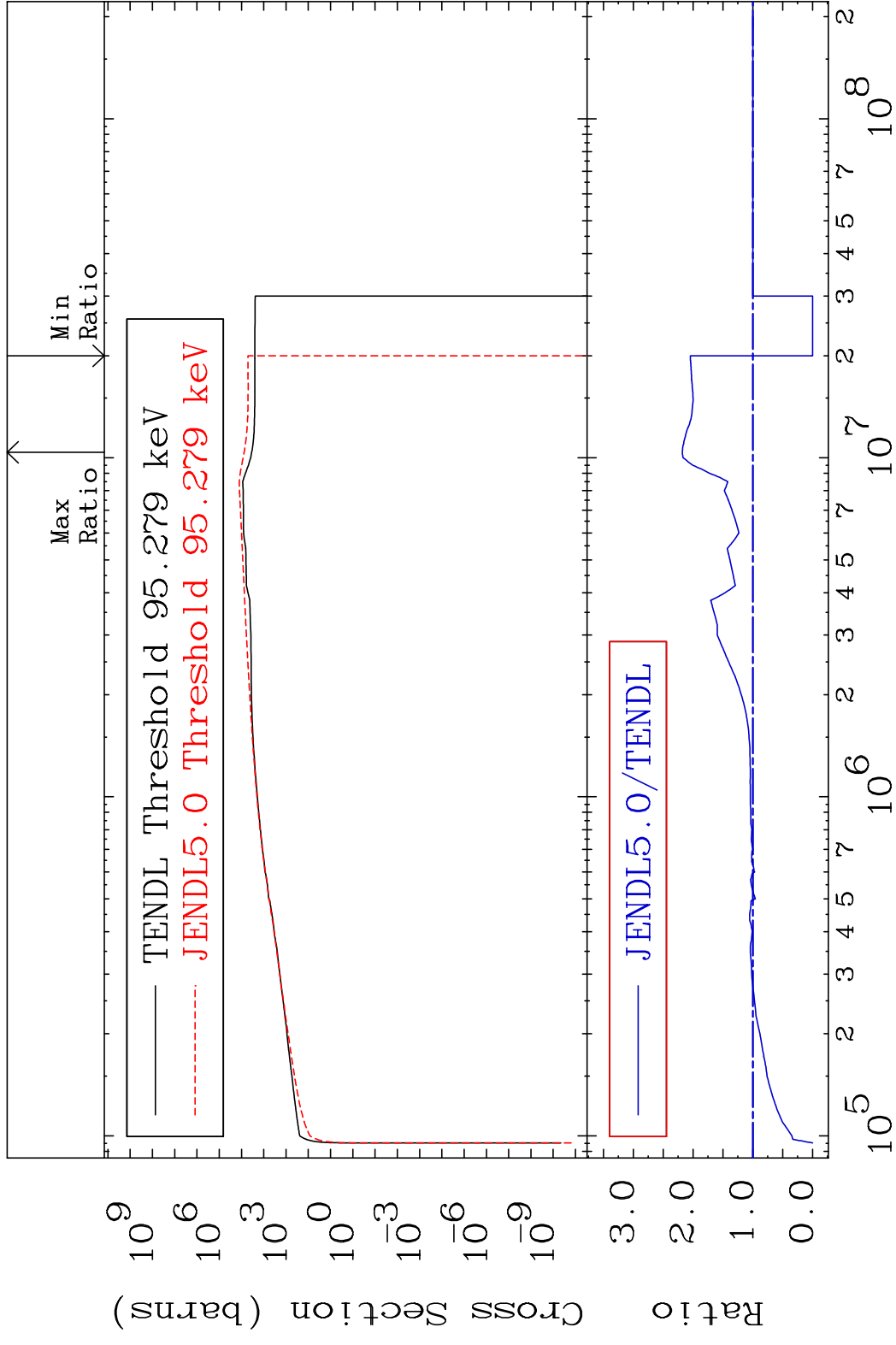


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Incident Energy (eV)

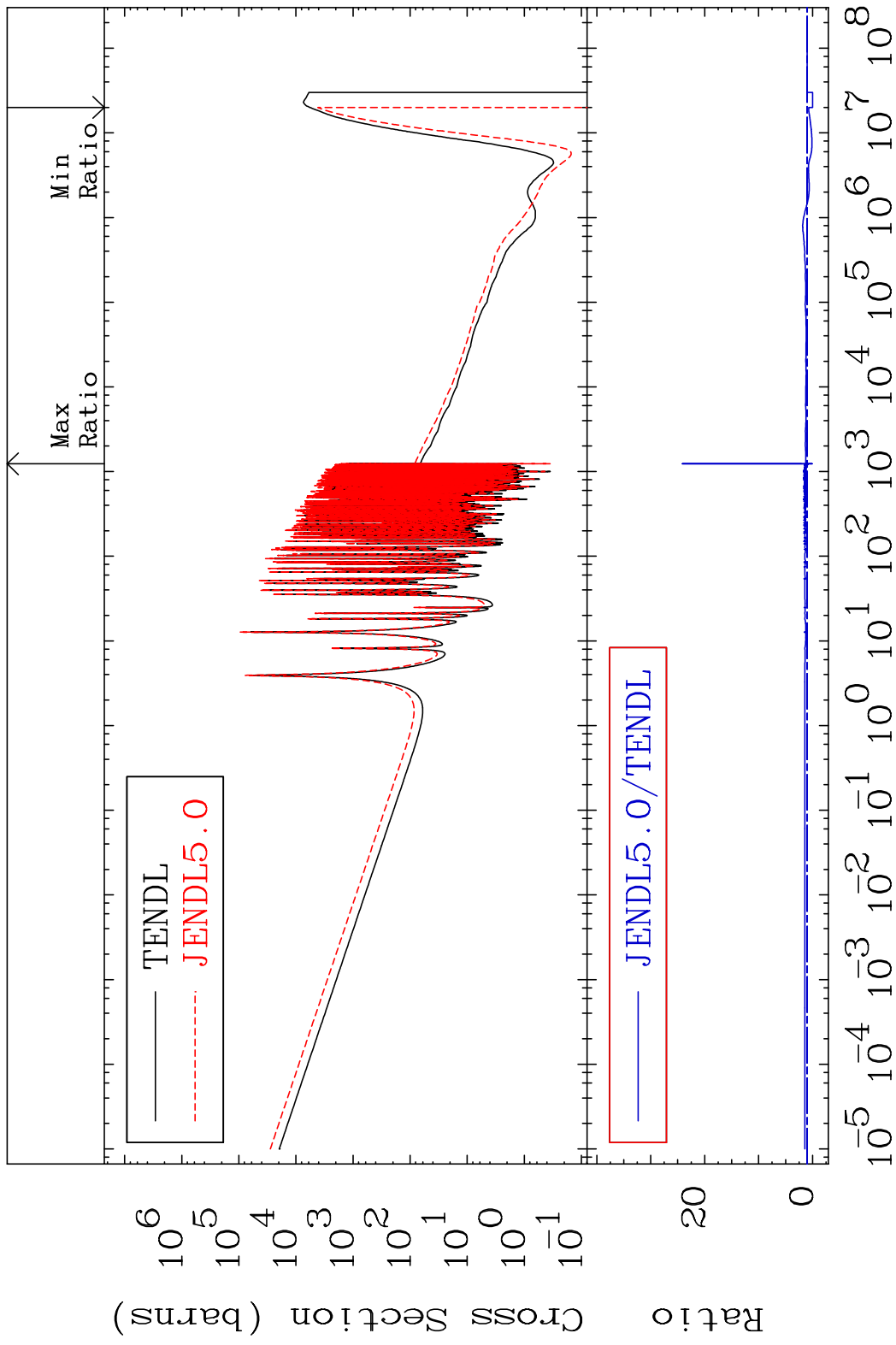
67-Ho-165

MAT 6725 Dpa inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 117.9 %

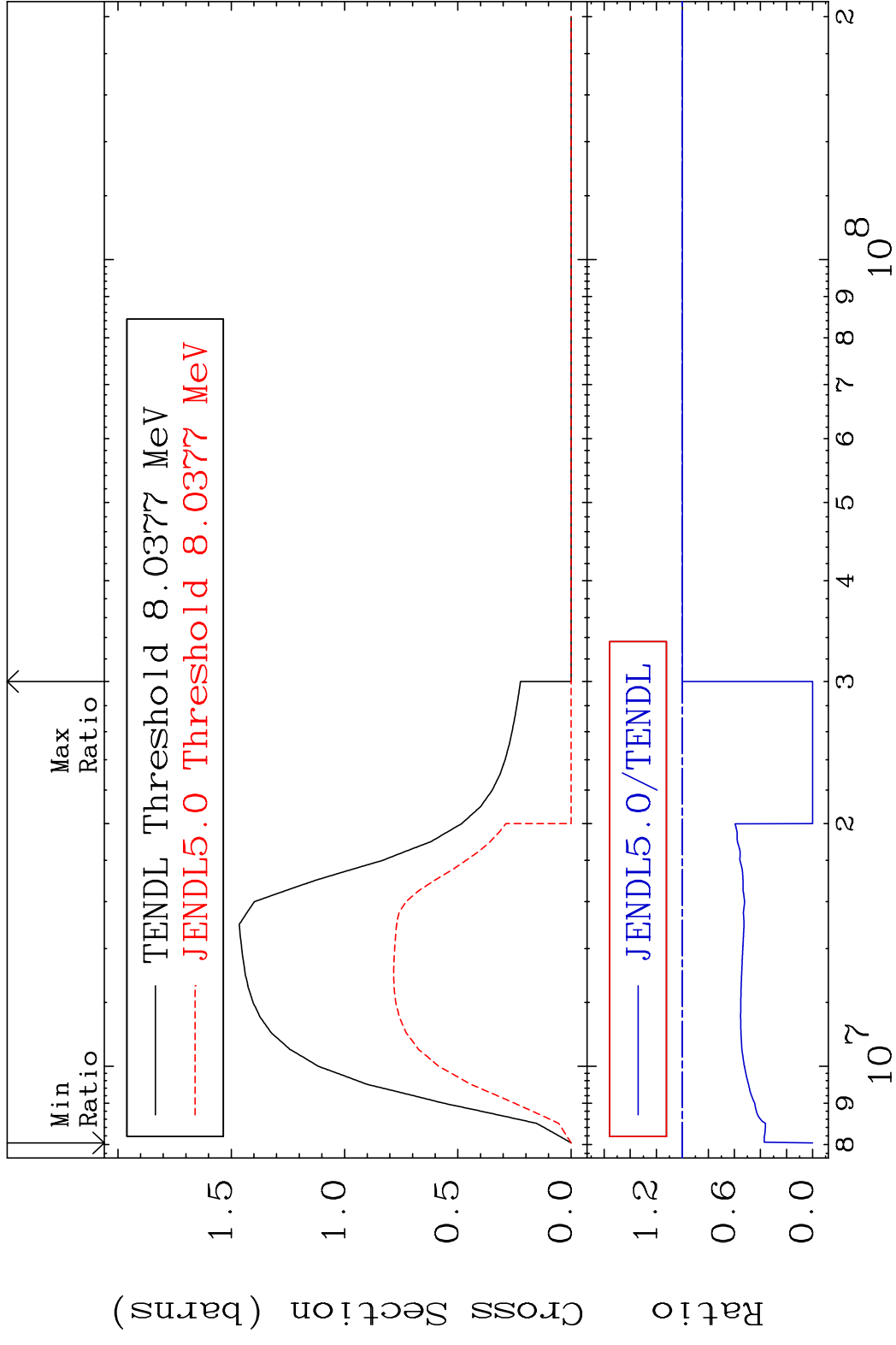


63 Incident Energy (eV) 67-Ho-165

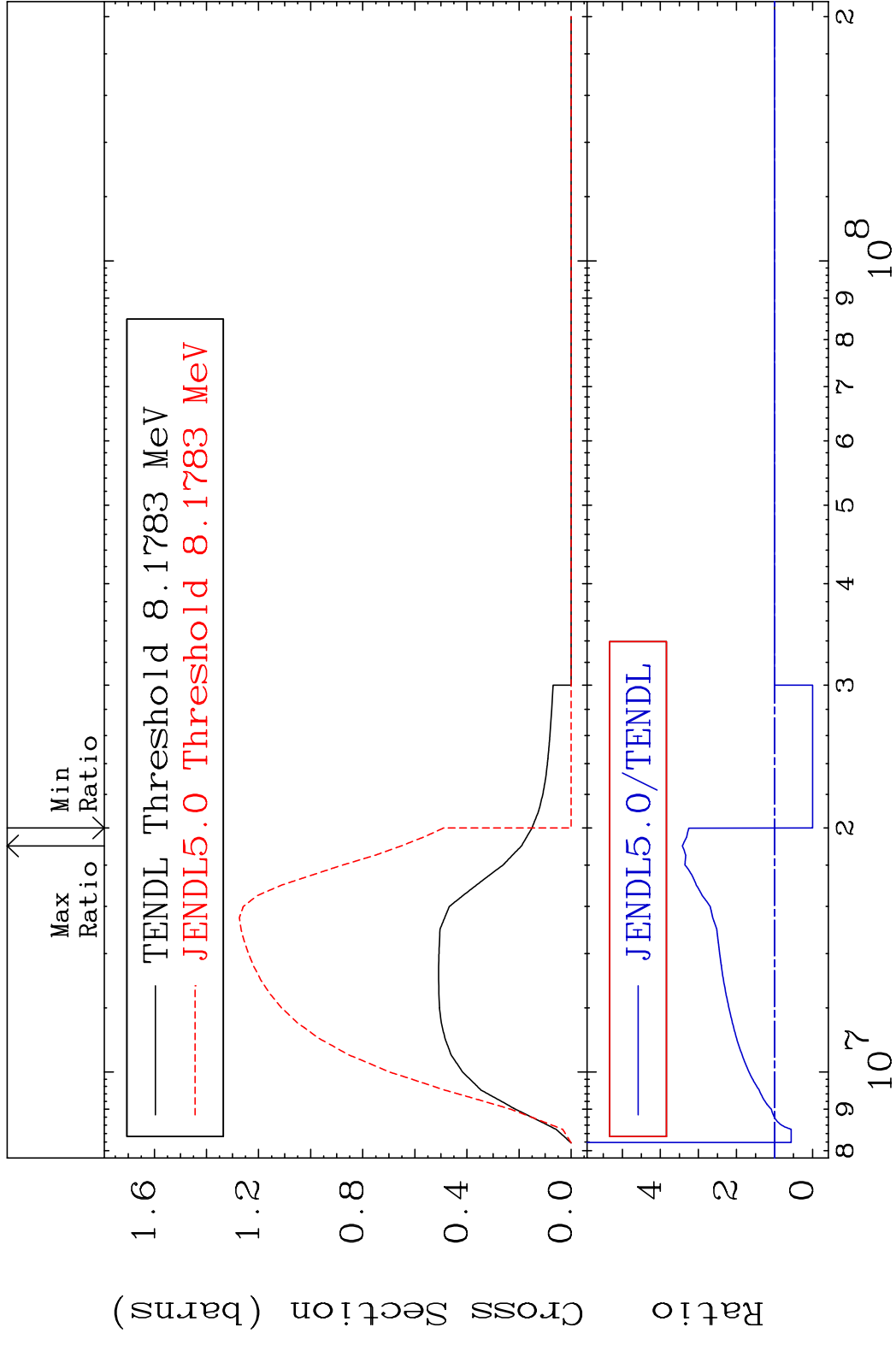
MAT 6725 Dpa disappearance (mt102 -120) 67-Ho-165
 Cross Section -100.0 To 2314. %

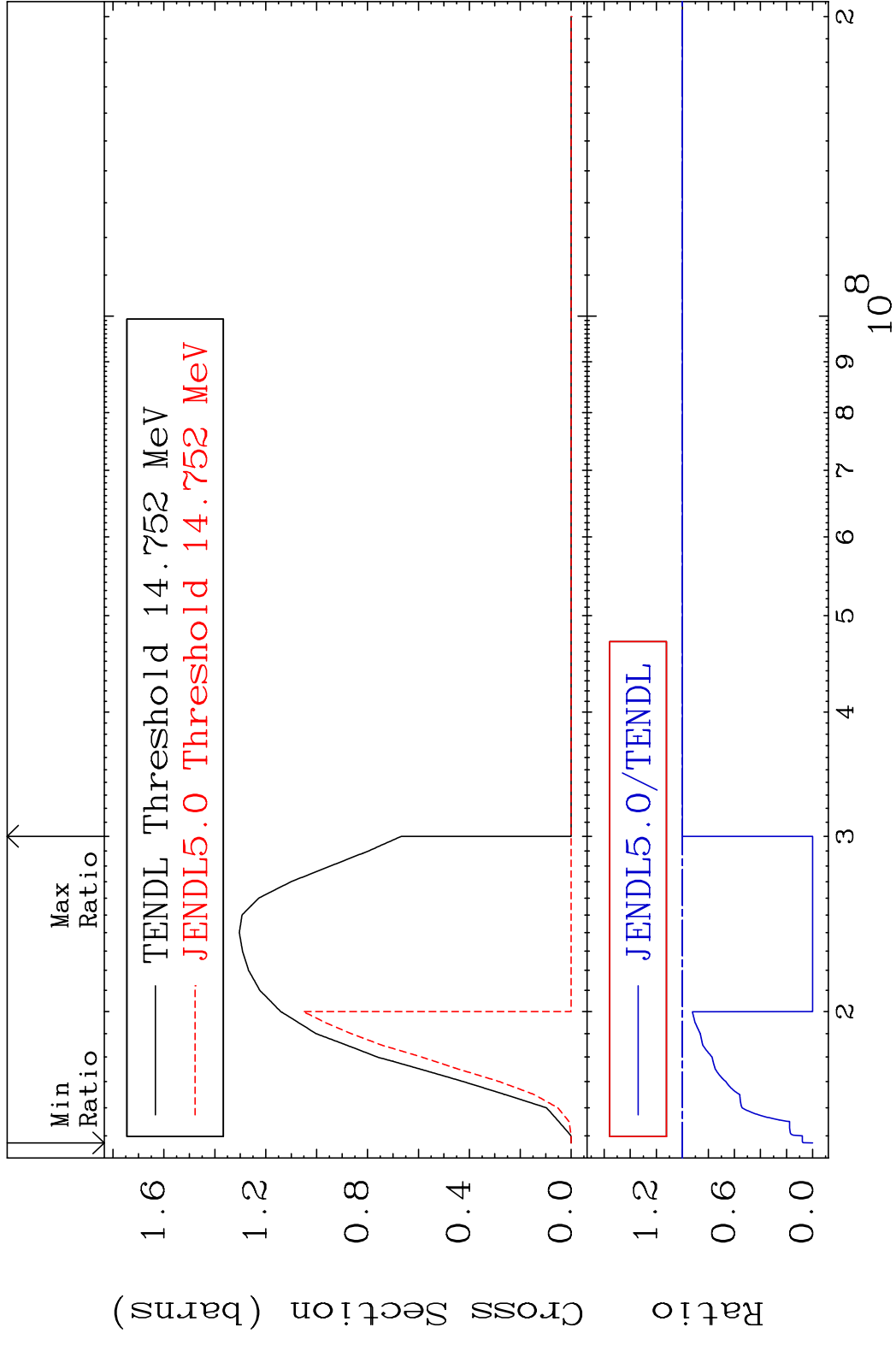


MAT 6725 (n,2n):67-Ho-164g 67-Ho-165
 Radionuclide Production Cross Section 180.0 dth 0.000 %

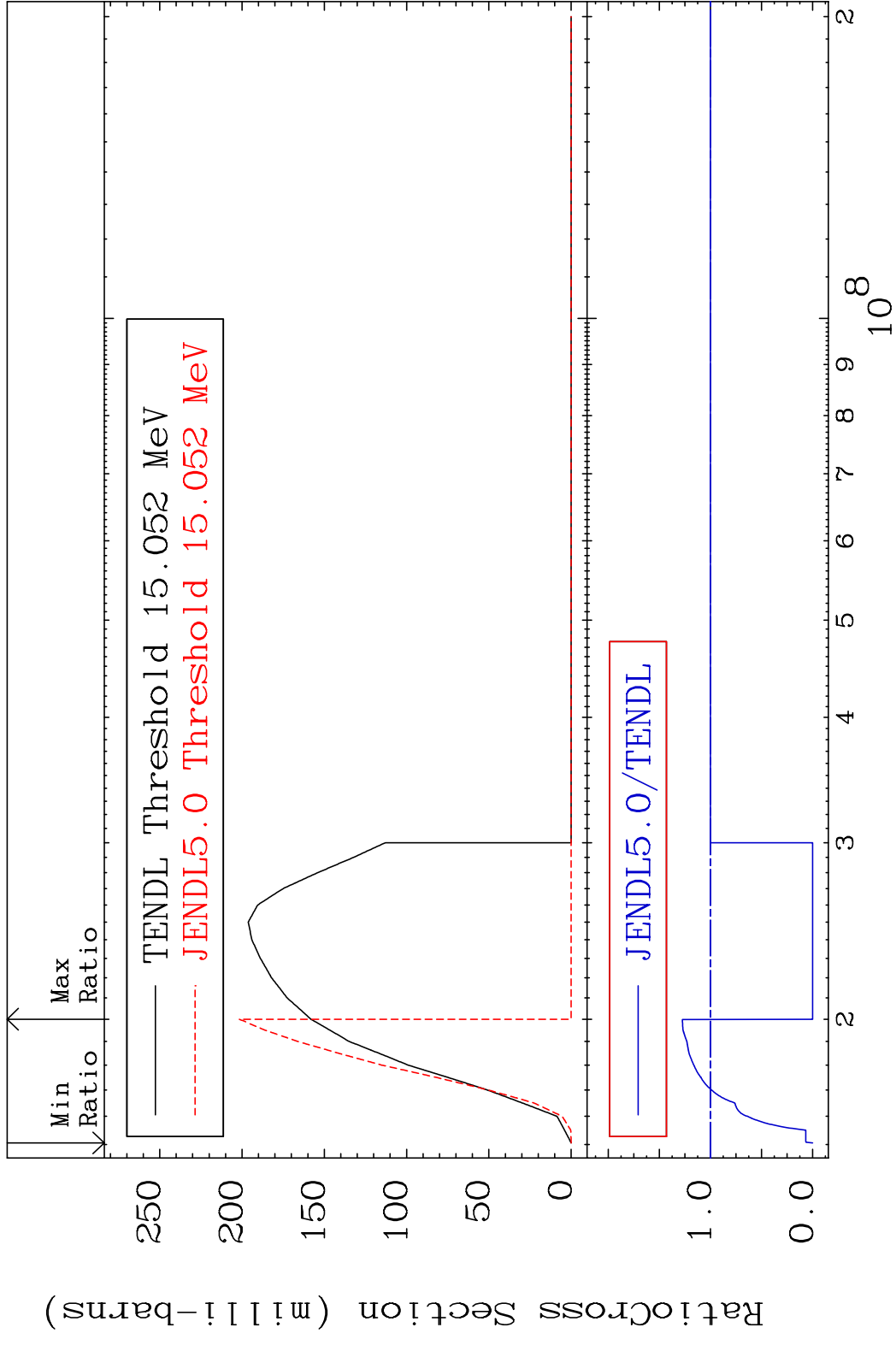


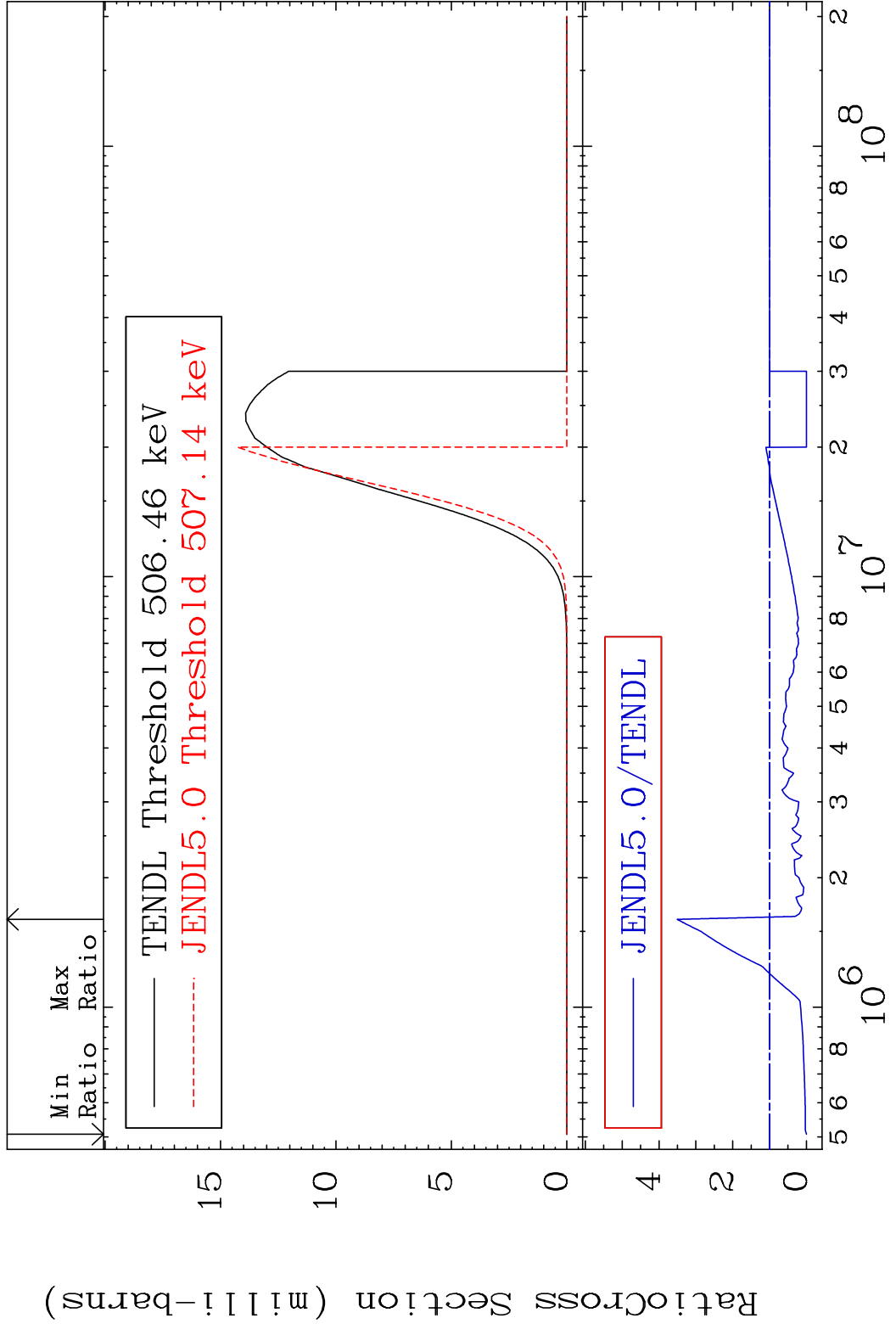
MAT 6725 (n, 2n): 67-Ho-164m3 67-Ho-165
 Radionuclide Production Cross Section 180.0 dth 242.2 %



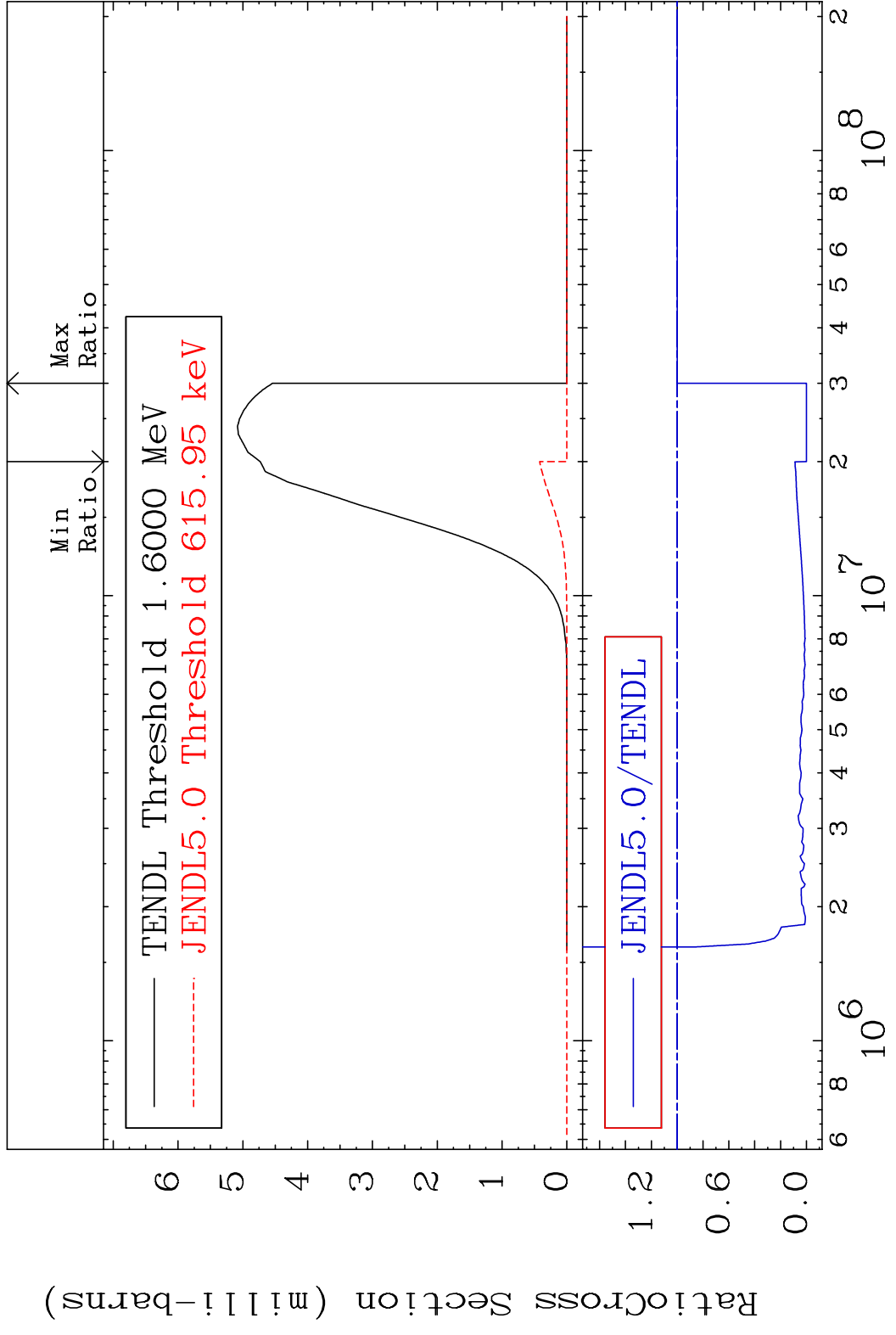


MAT 6725 (n, 3n):67-Ho-163m3 67-Ho-165
 Radionuclide Production Cross Section 180.01 dth 27.50 %





MAT 6725 (n, p) : 66-Dy-165m2 67-Ho-165
 Radionuclide Production Cross Section 1.000 dth 0.000 %



70 Incident Energy (eV) 67-Ho-165