

Program Complot
(Version 2021-1)

by

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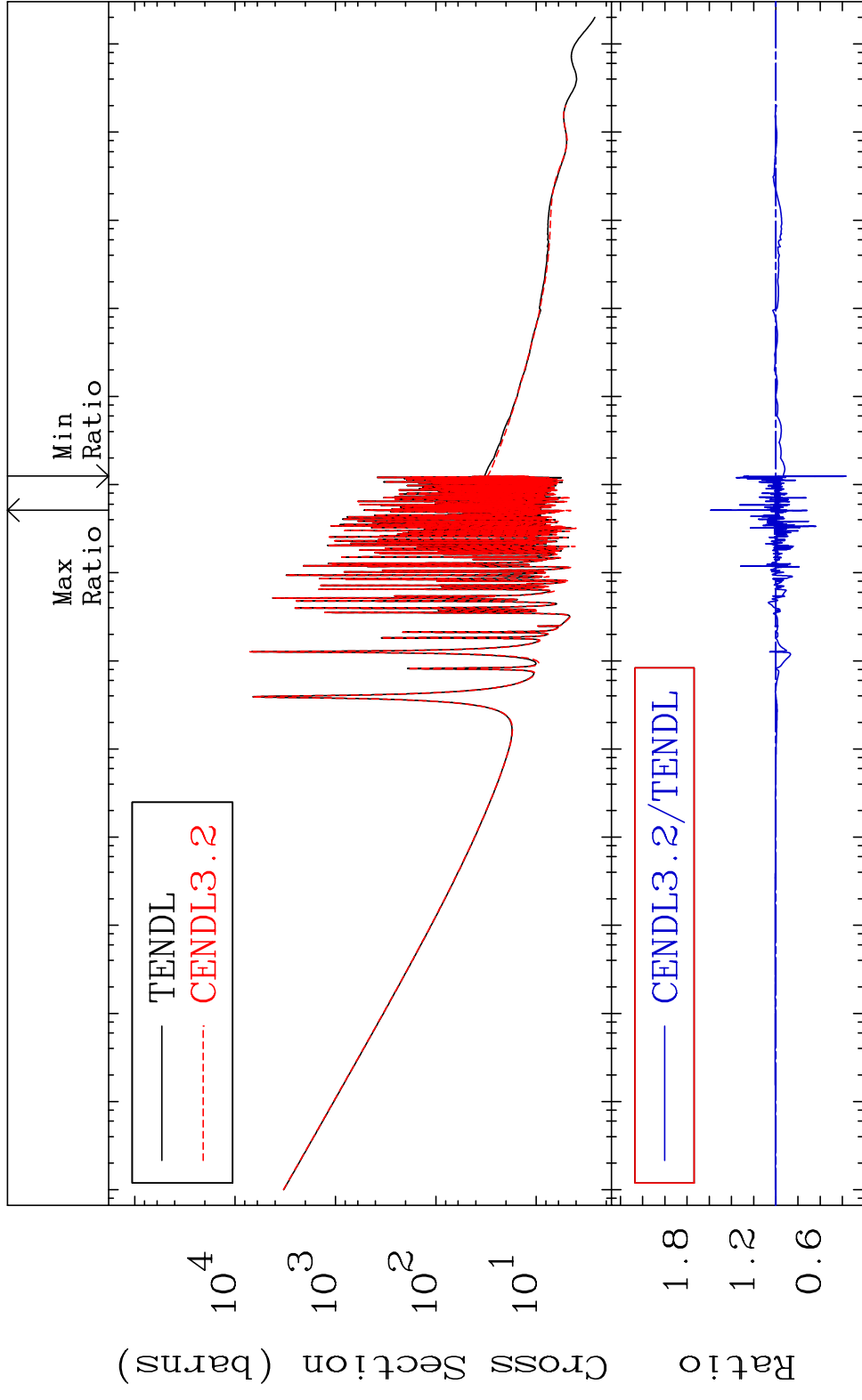
Press Mouse Button to Start

MAT 6725

67-Ho-165

Total

Cross Section -63.53 To 58.69 %



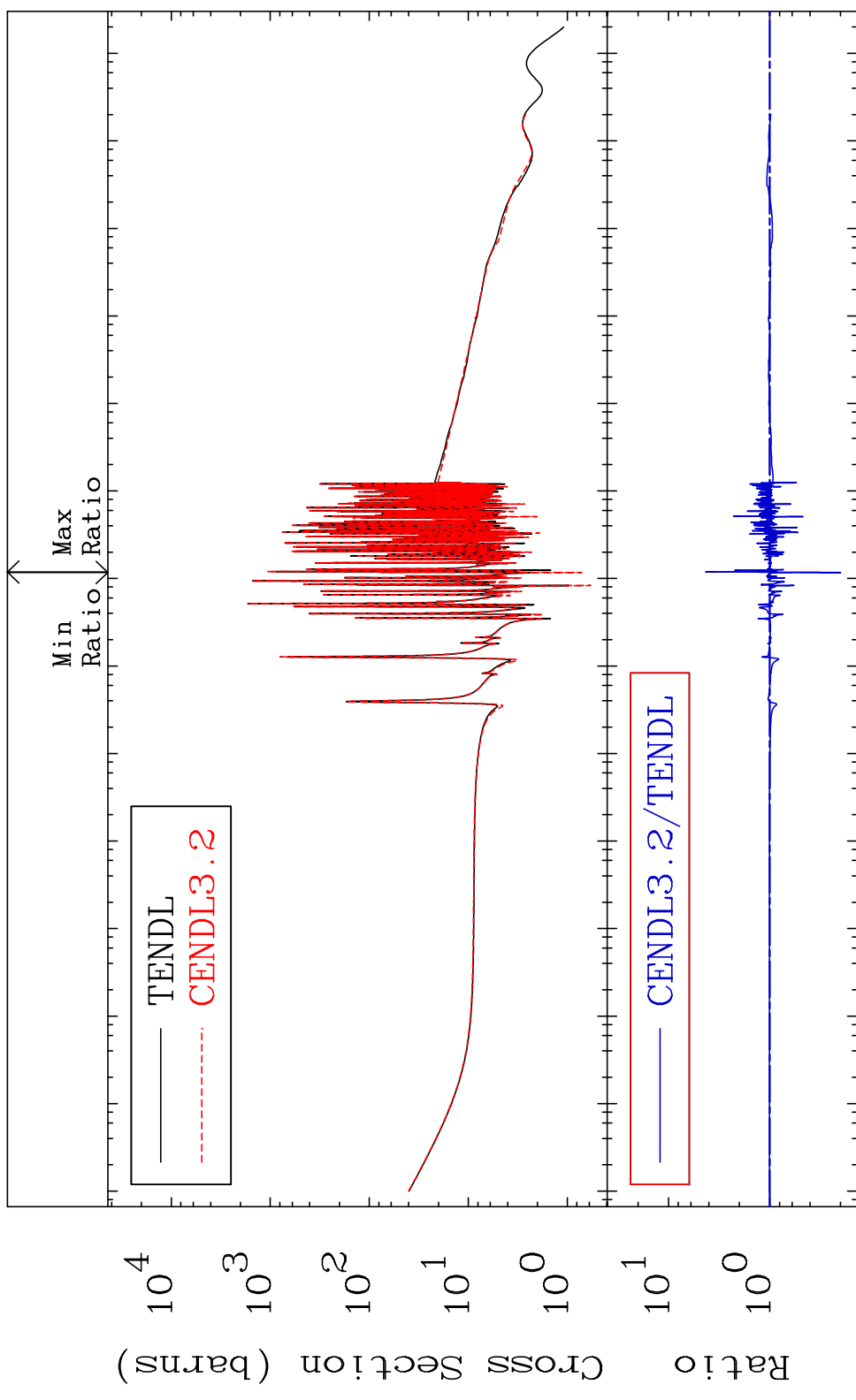
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1 Incident Energy (eV) 67-Ho-165

MAT 6725

Elastic Cross Section
-79.95 To 328.5 %

67-Ho-165

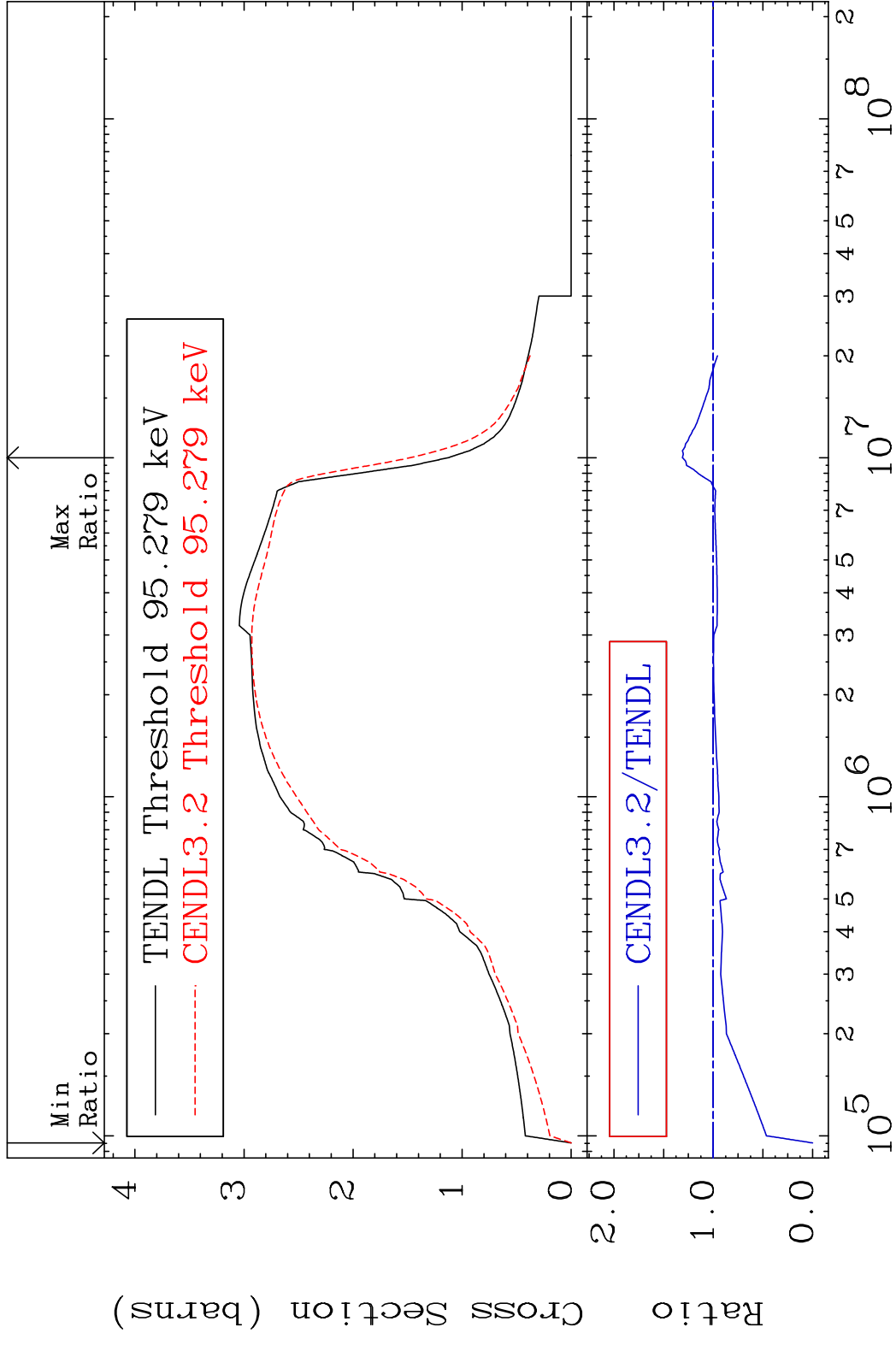


Ratio
10⁴
10³
10²
10¹
10⁰
10¹
10⁰

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

2 Incident Energy (eV) 67-Ho-165

MAT 6725 Inelastic Cross Section -100.0 To 31.10 % 67-Ho-165



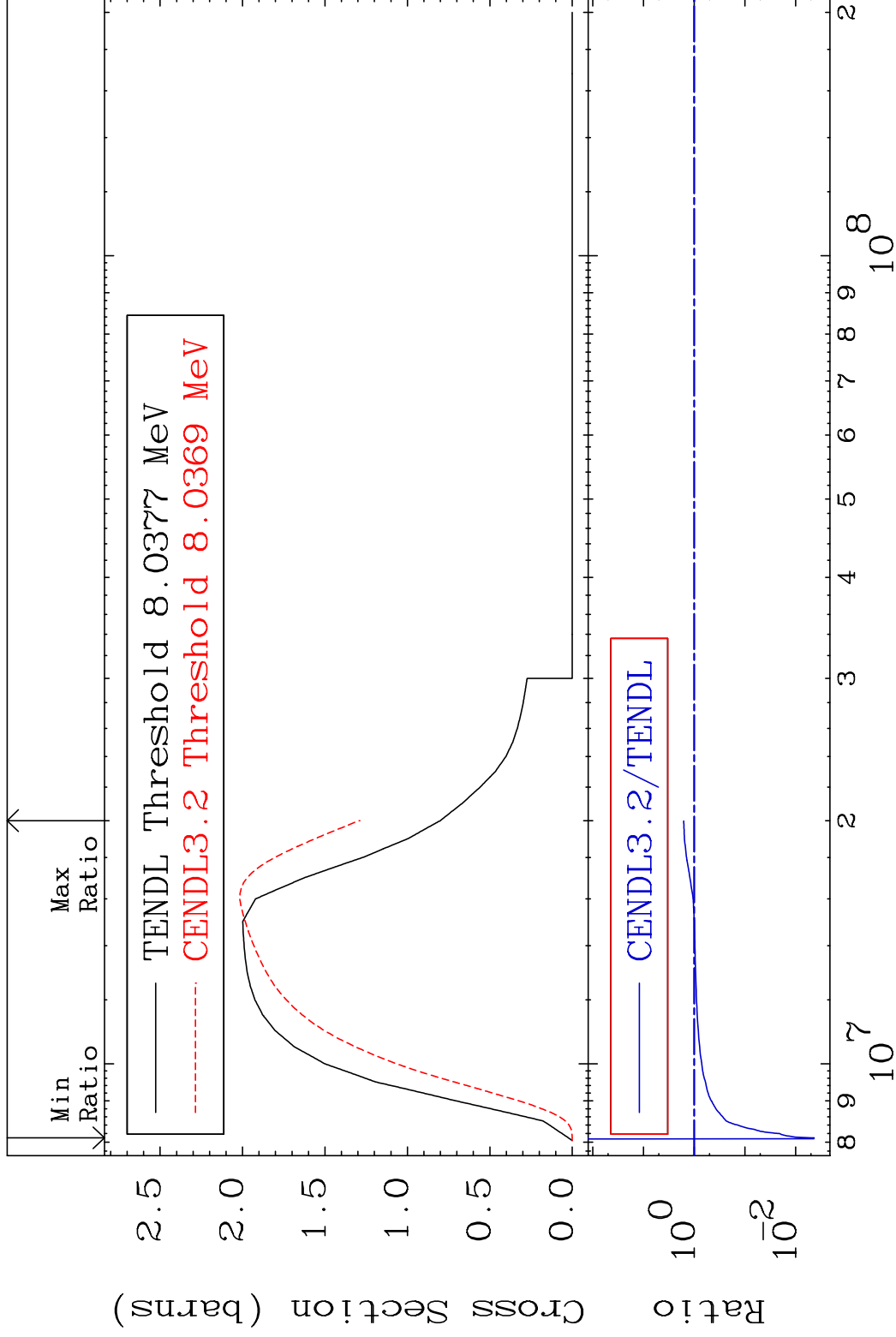
3 Incident Energy (eV) 67-Ho-165

MAT 6725

(n,2n)

67-Ho-165

Cross Section -99.57 To 61.64 %



4

Incident Energy (eV)

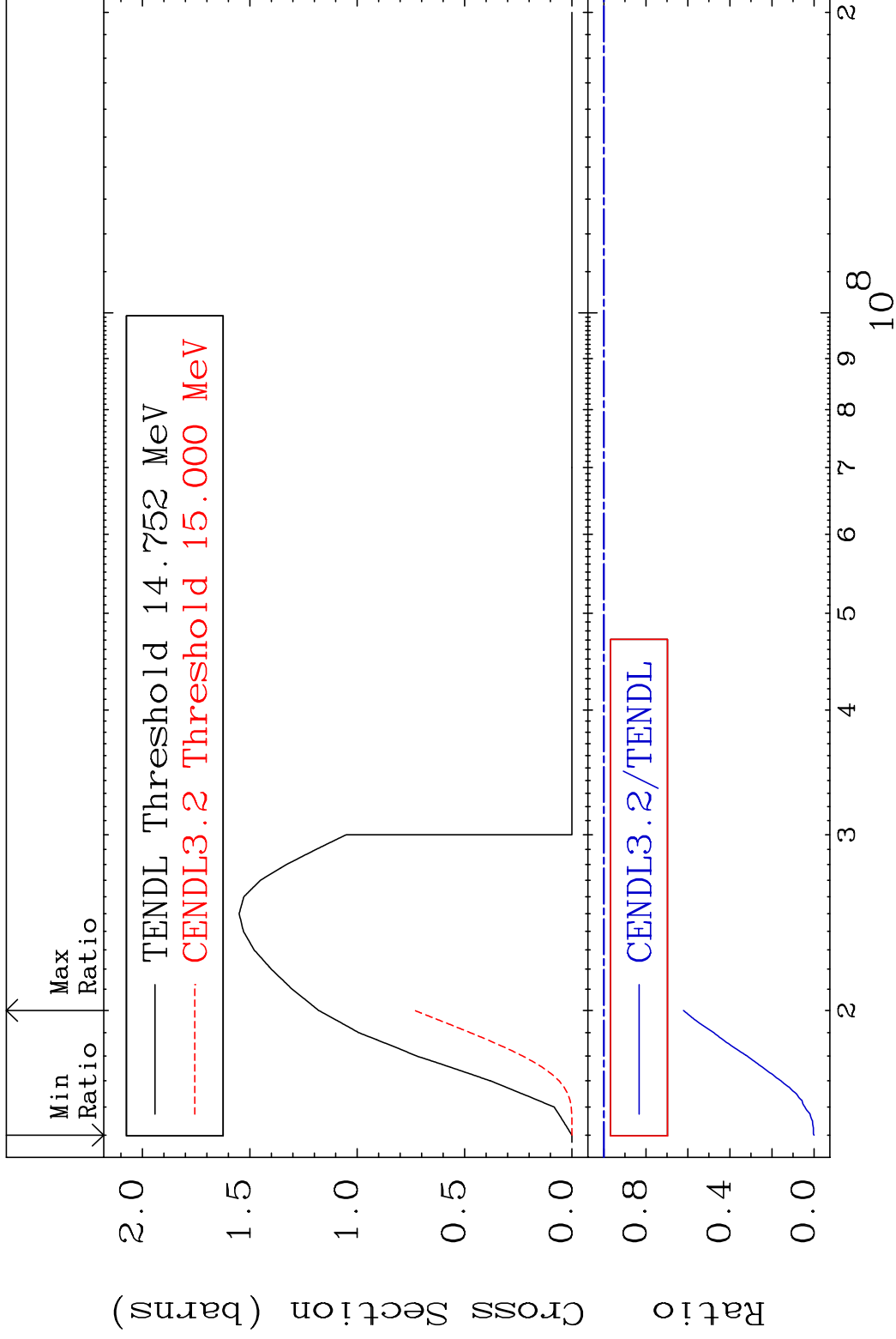
67-Ho-165

MAT 6725

(n,3n)

67-Ho-165

Cross Section -100.0 To -37.87%



5

Incident Energy (eV)

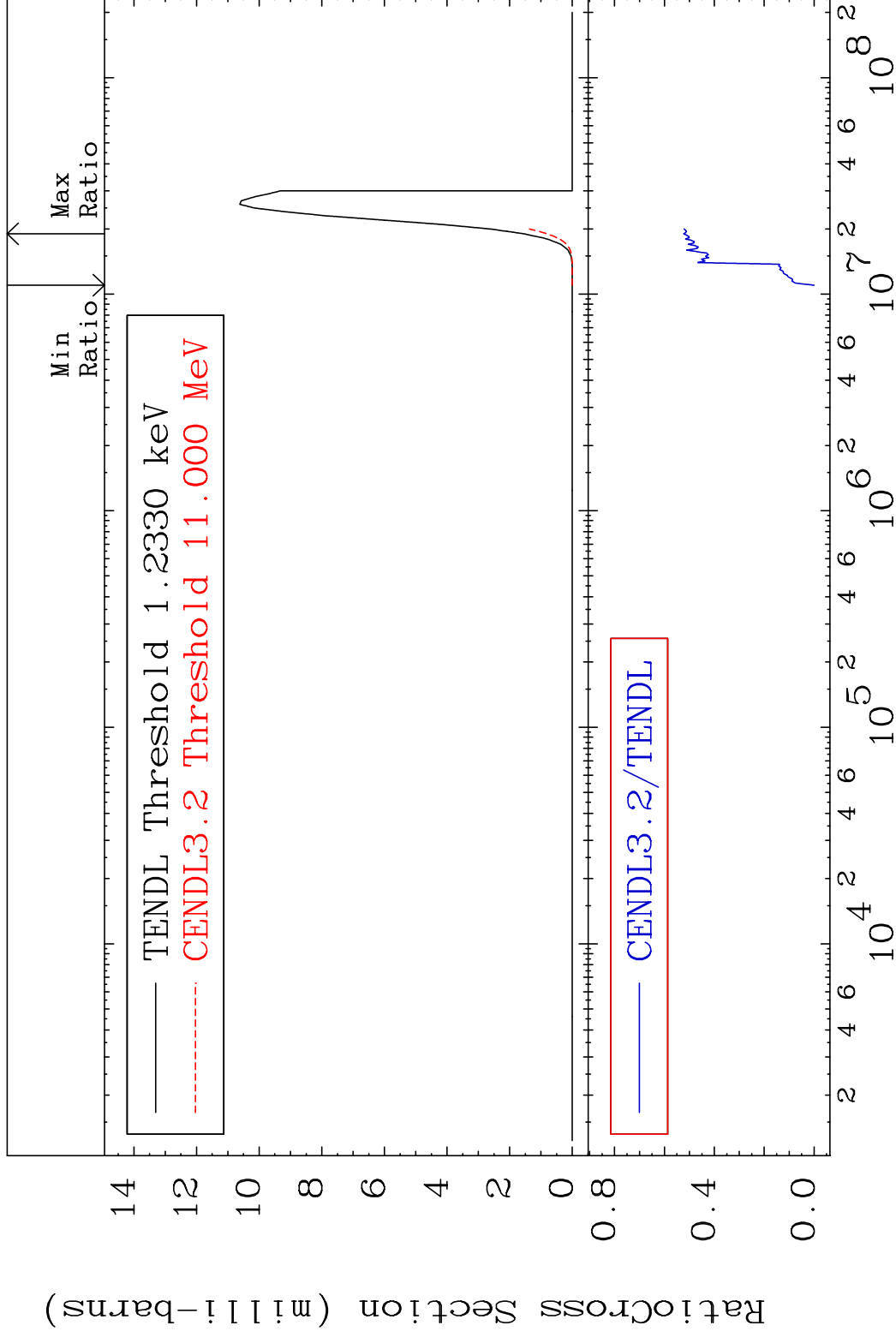
67-Ho-165

MAT 6725

(n, n') α

67-Ho-165

Cross Section -100.0 To -47.70%



6

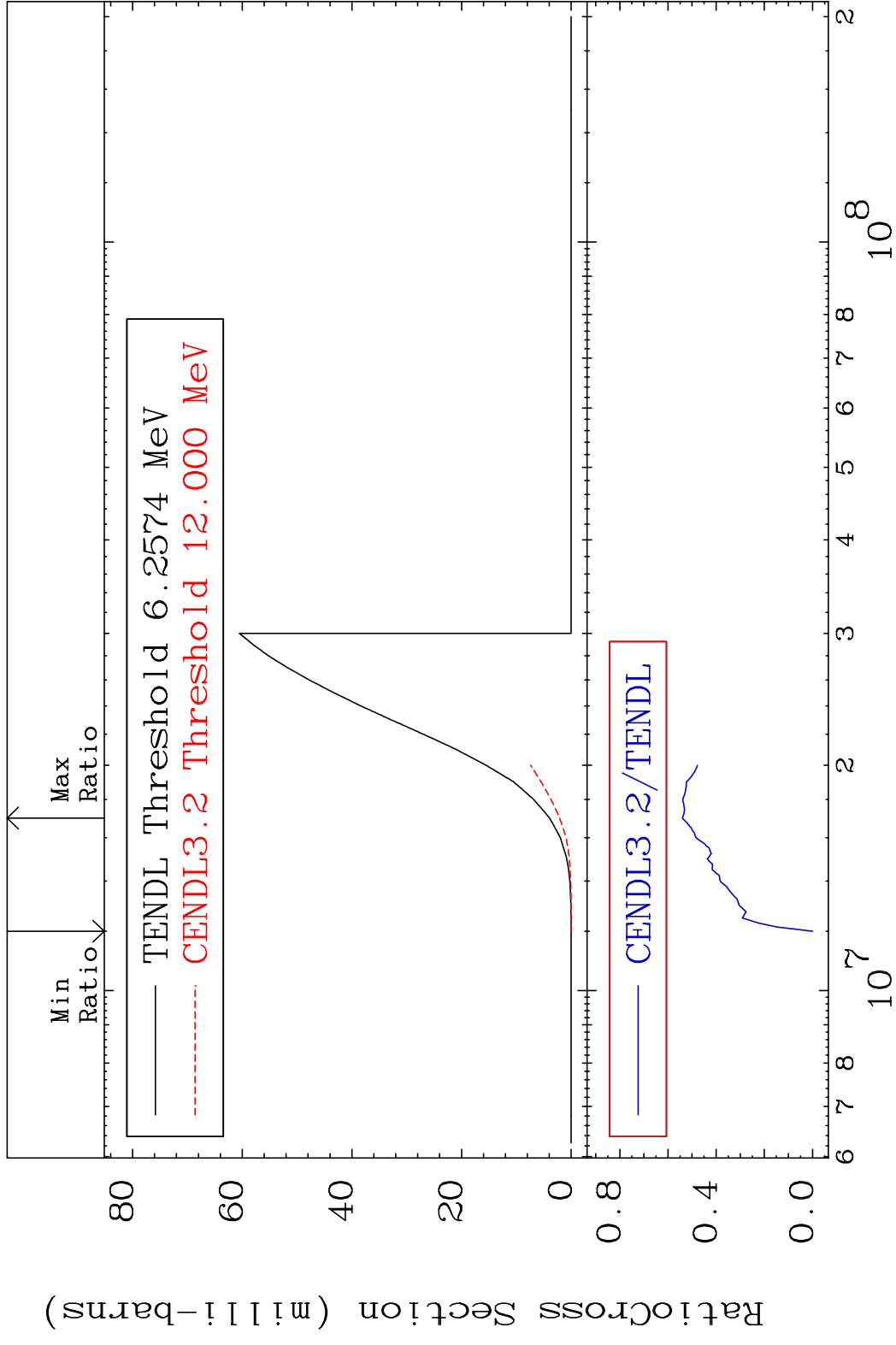
Incident Energy (eV)

67-Ho-165

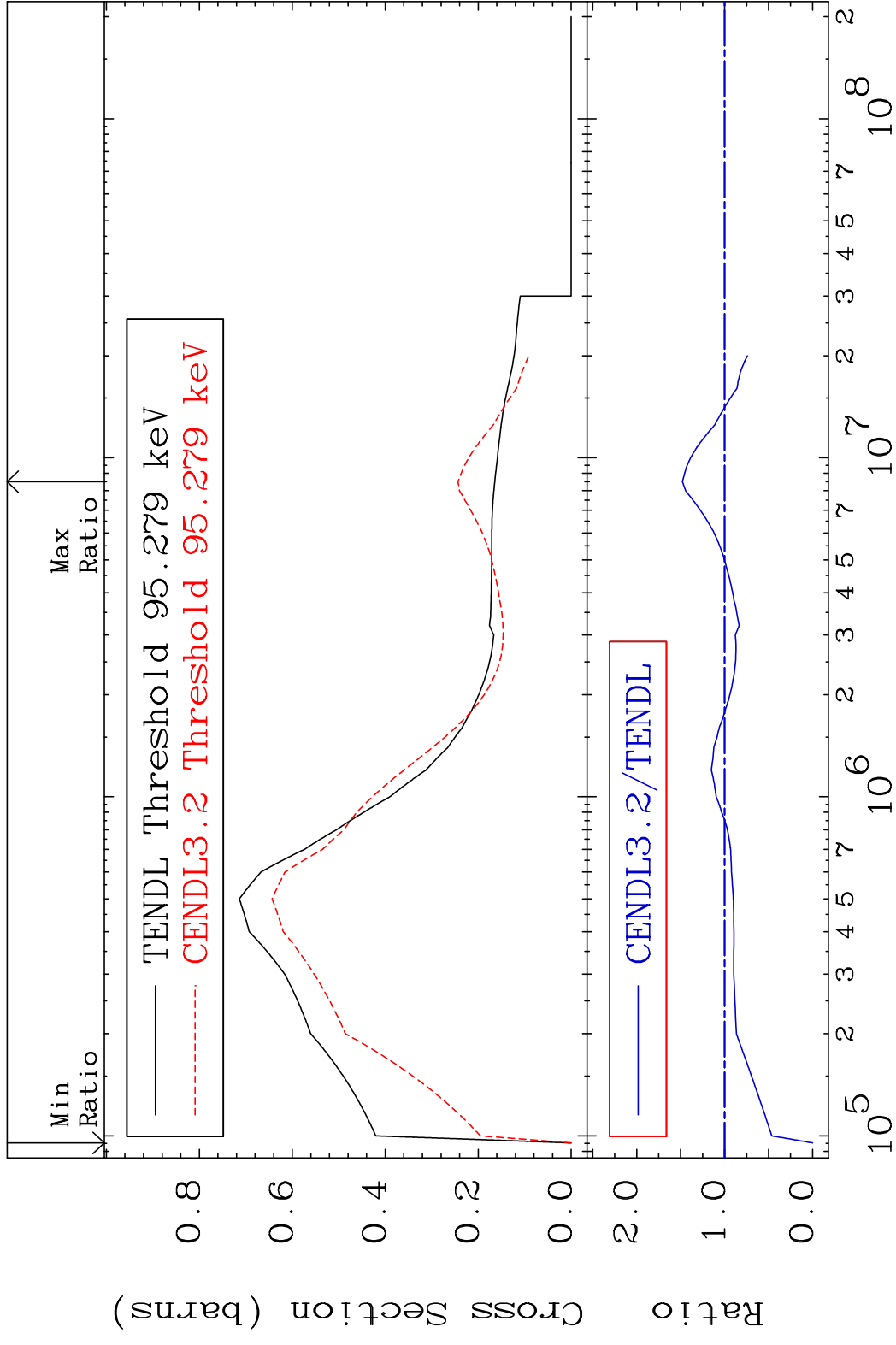
MAT 6725

(n, n') p 67-Ho-165

Cross Section -100.0 To -45.96%

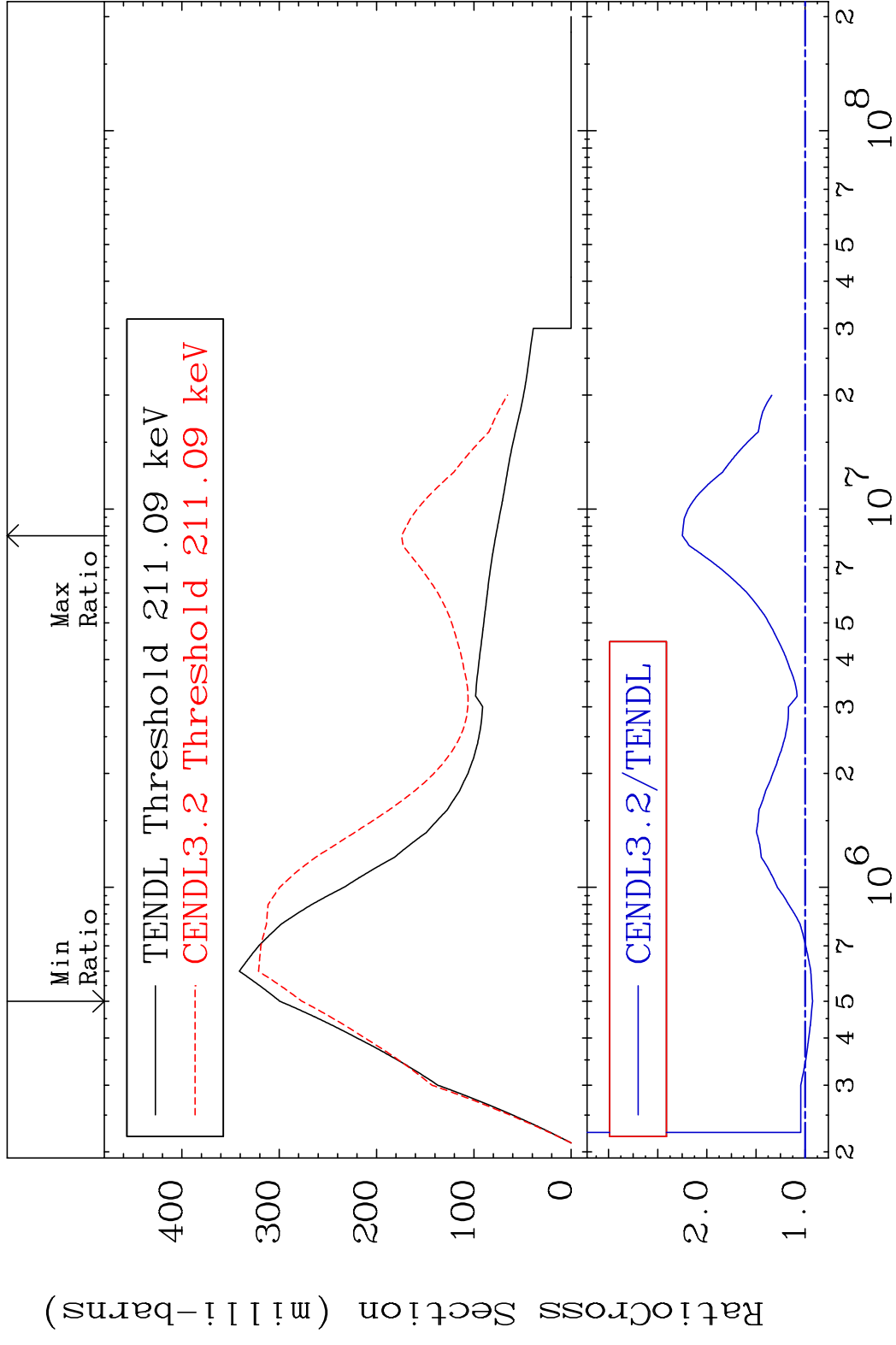


MAT 6725 MT= 51 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 48.09 %

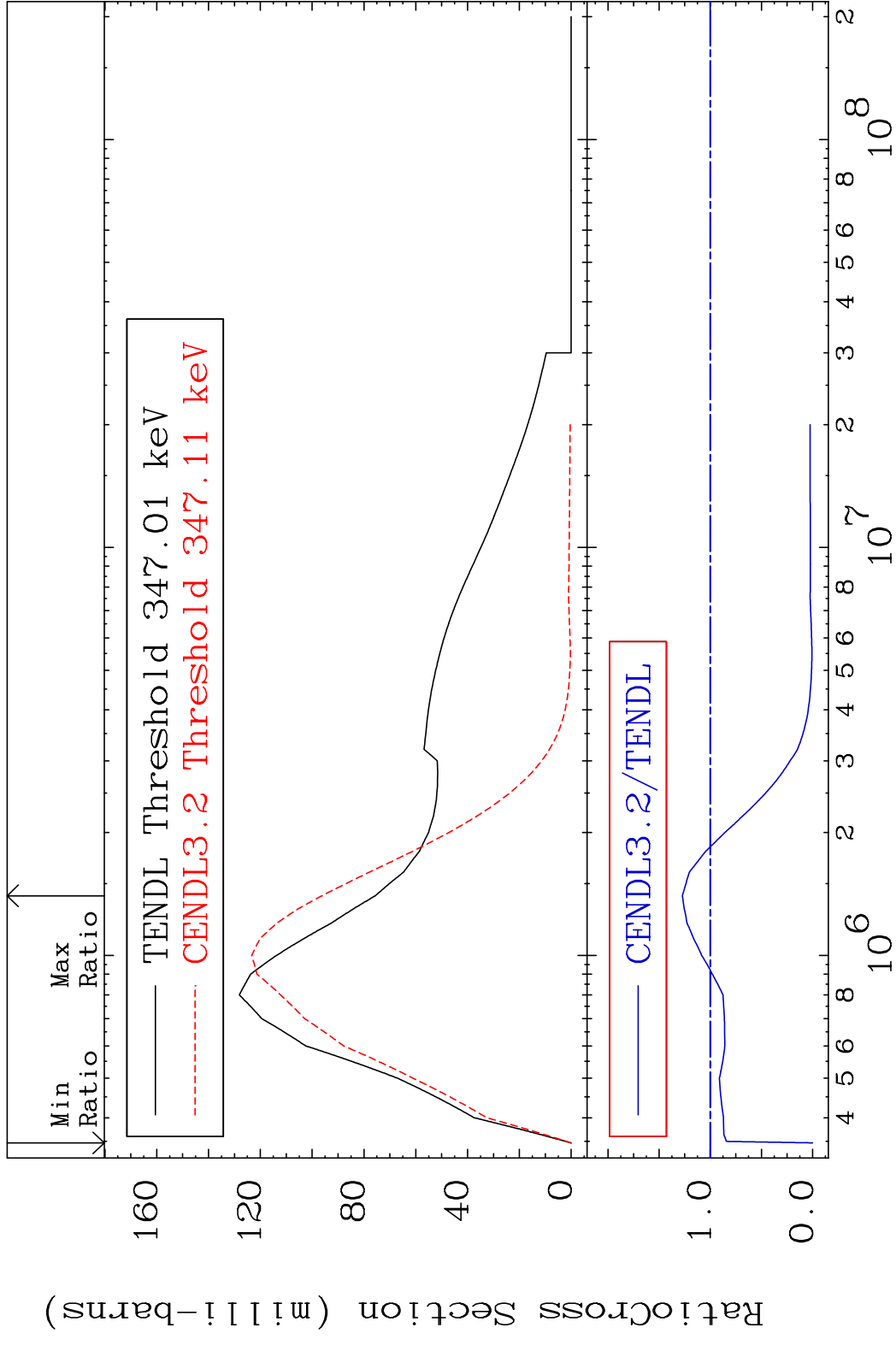


8 Incident Energy (eV) 67-Ho-165

MAT 6725 MT= 52 (n, n') Level 67-Ho-165
 Cross Section -7.601 To 124.9 %

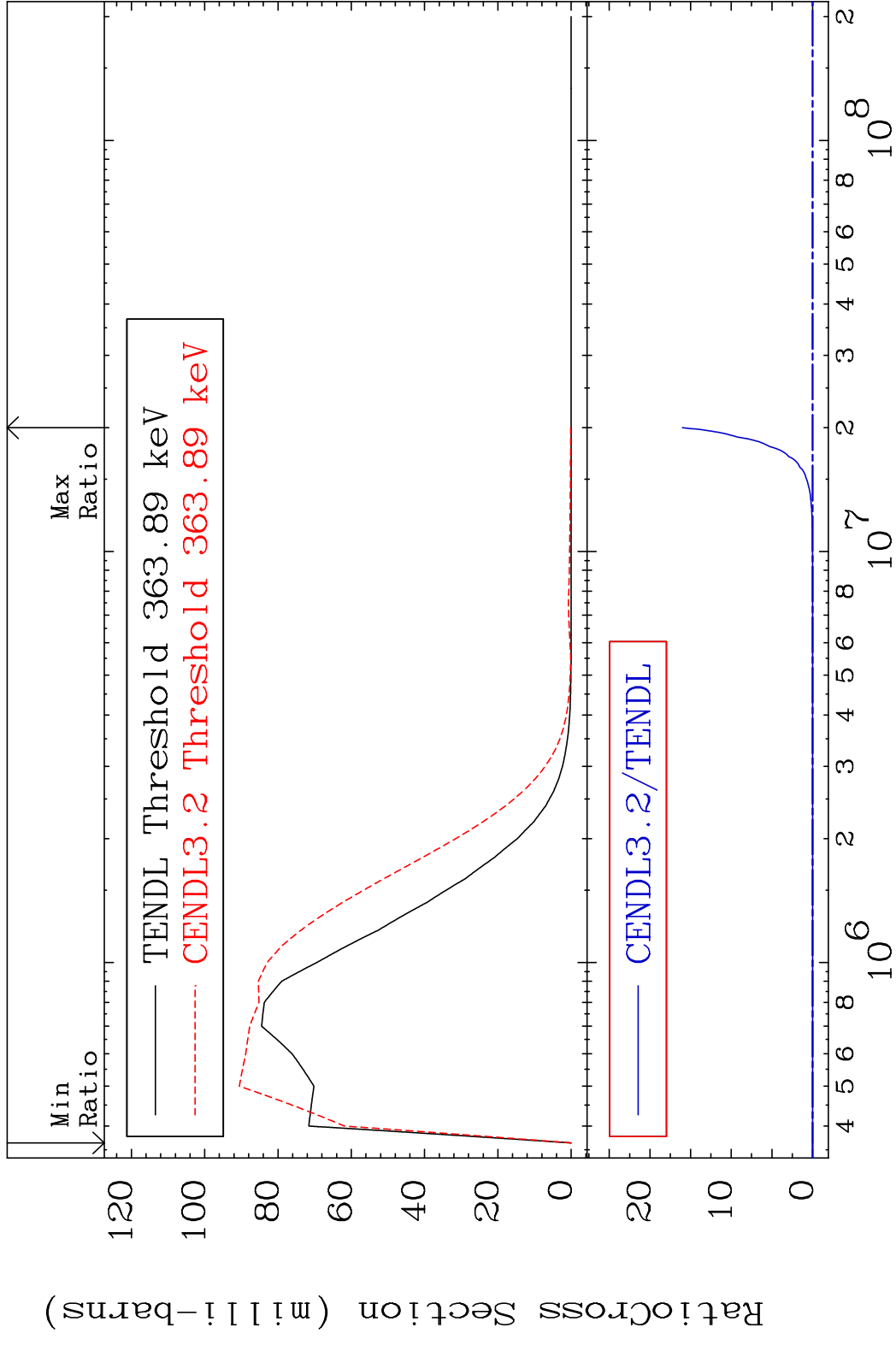


MAT 6725 MT= 53 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 27.30 %

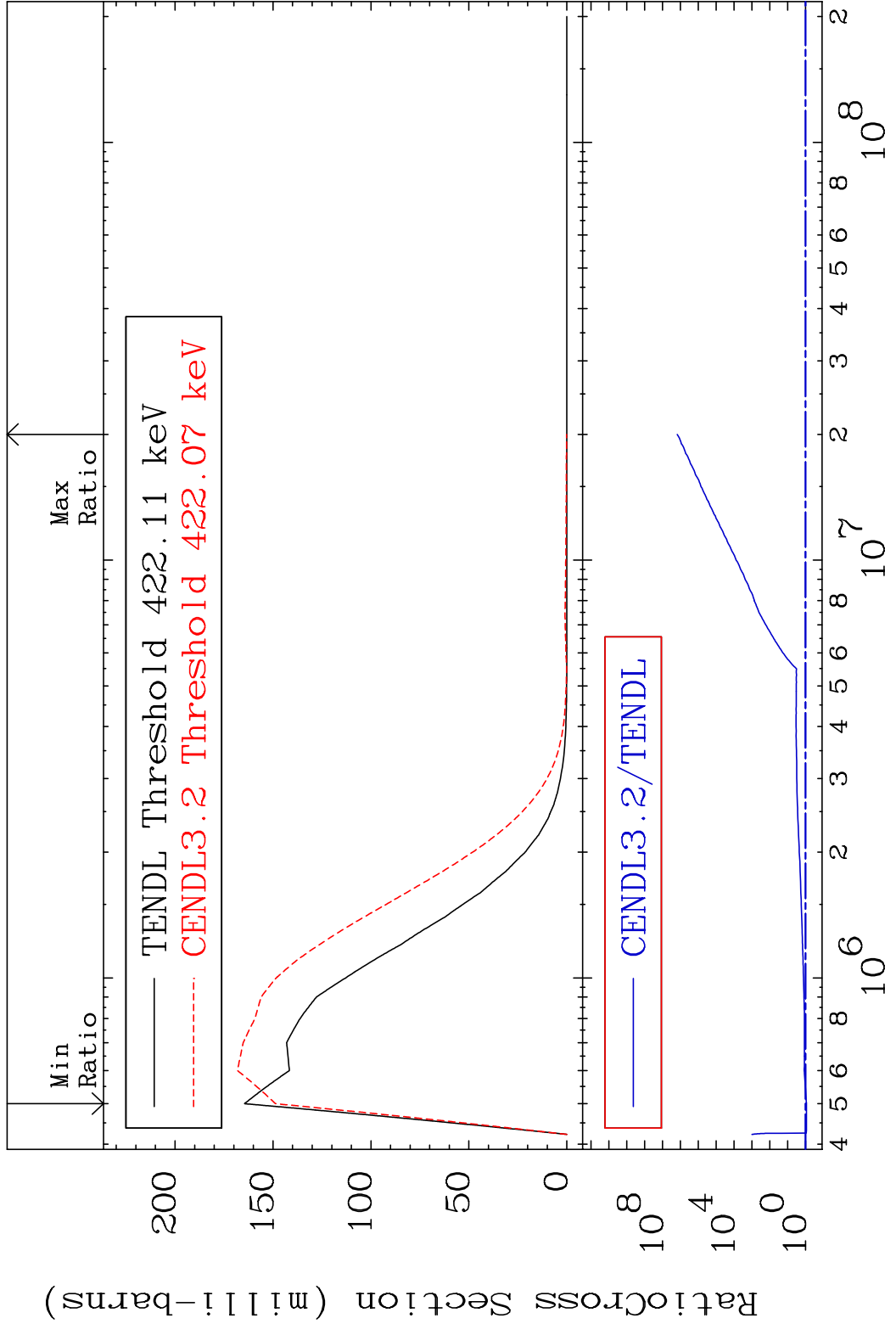


10 Incident Energy (eV) 67-Ho-165

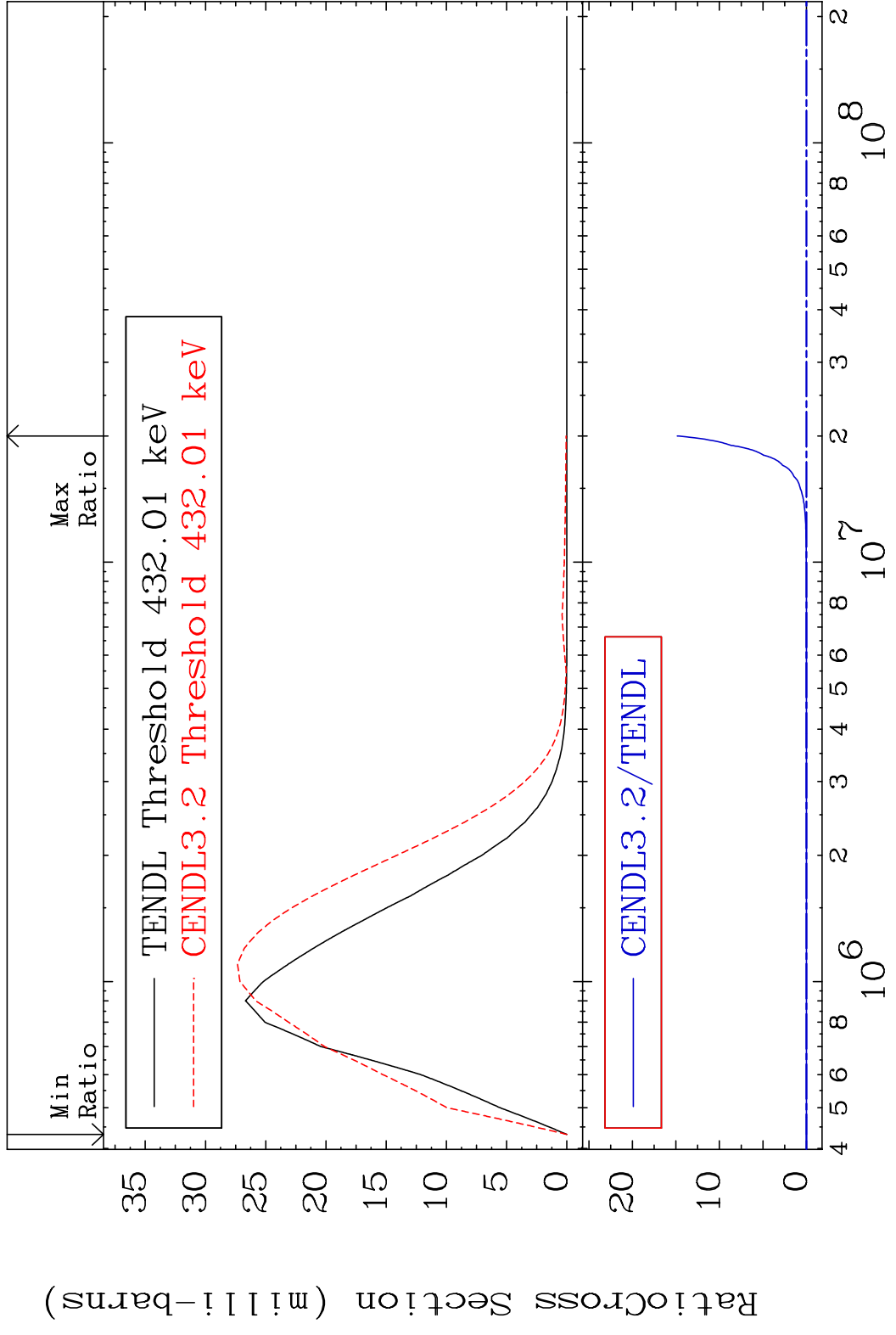
MAT 6725 MT= 54 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



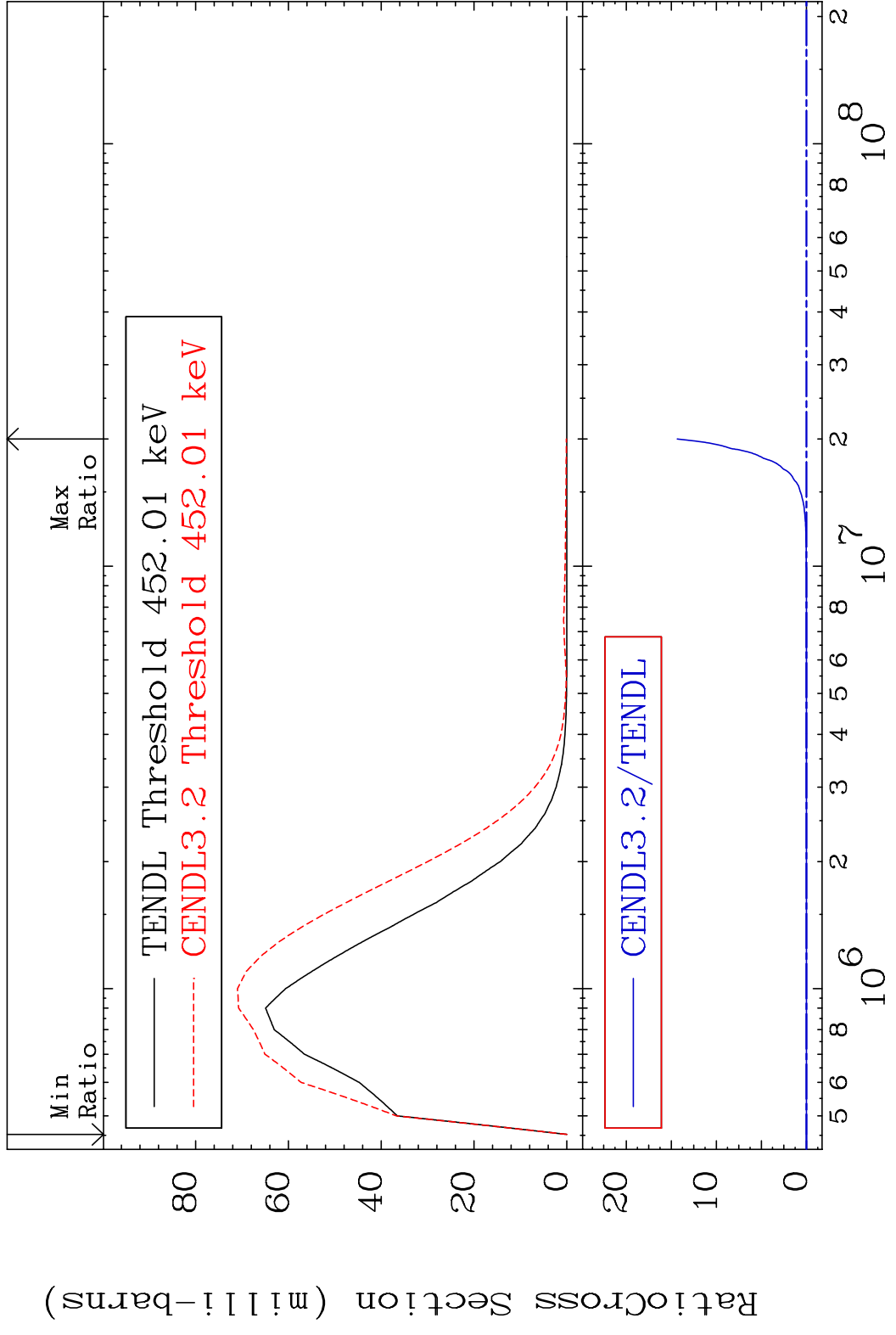
MAT 6725 MT= 55 (n, n') Level 67-Ho-165
 Cross Section -9.576 To 9999. %



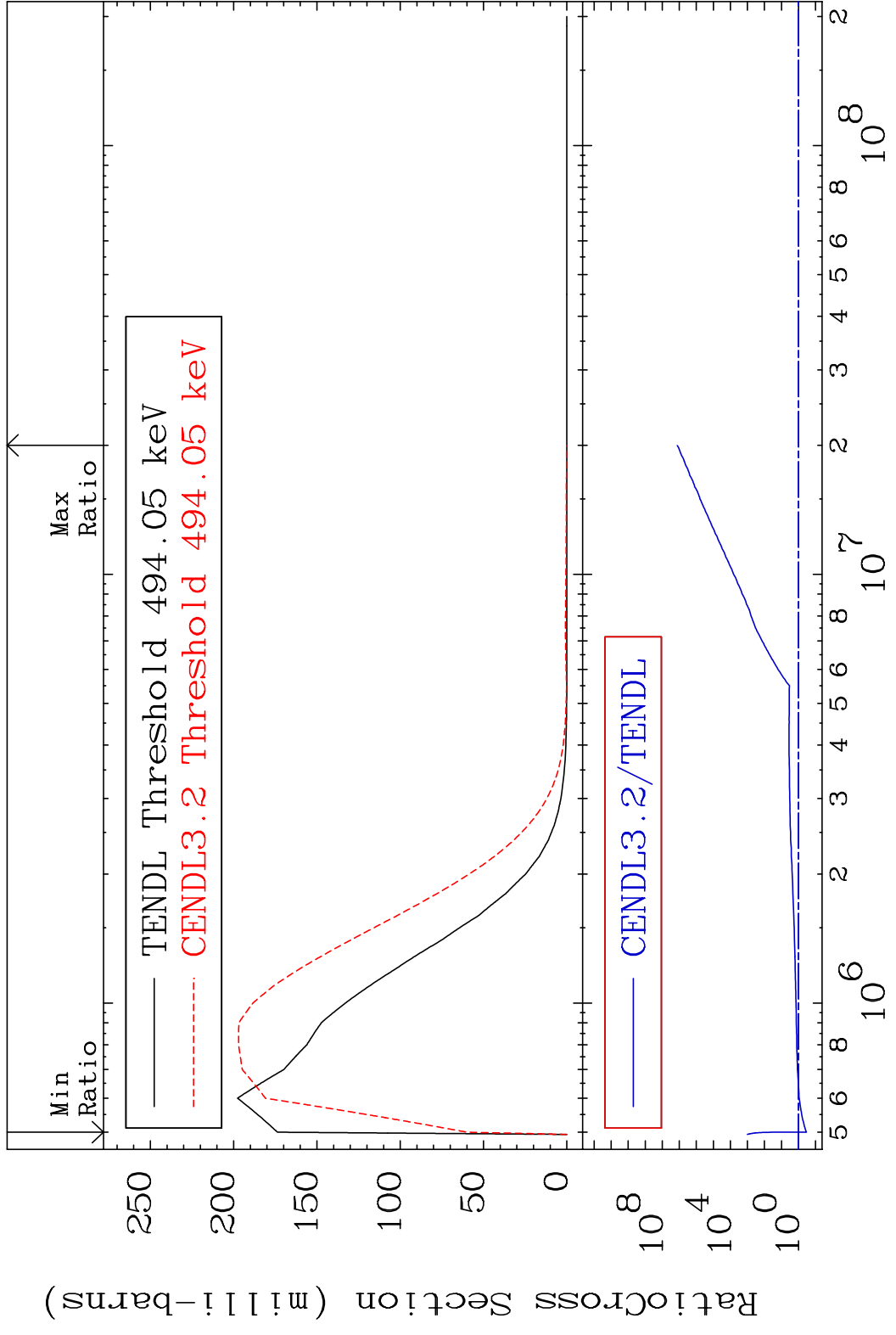
MAT 6725 MT= 56 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



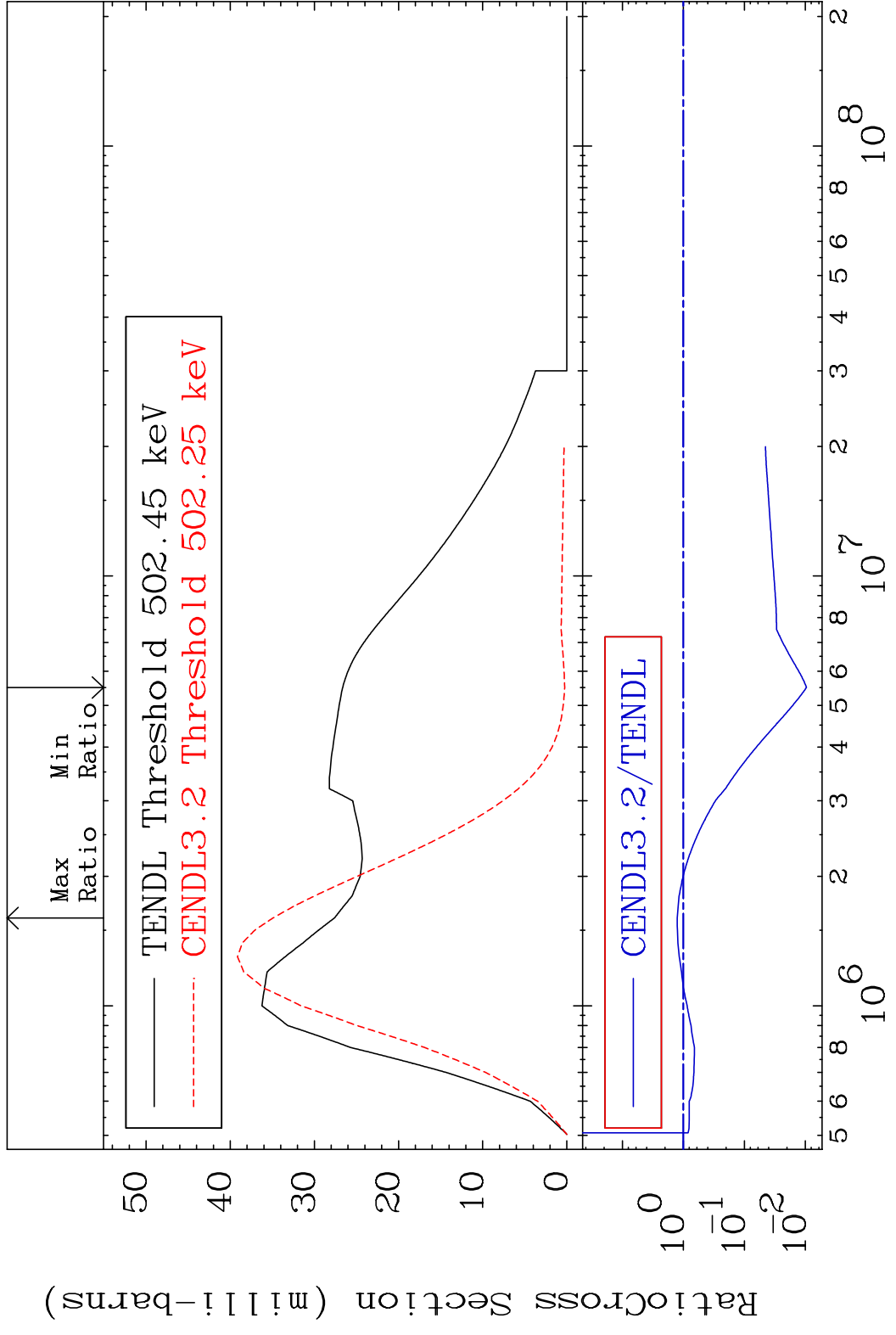
MAT 6725 MT= 57 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



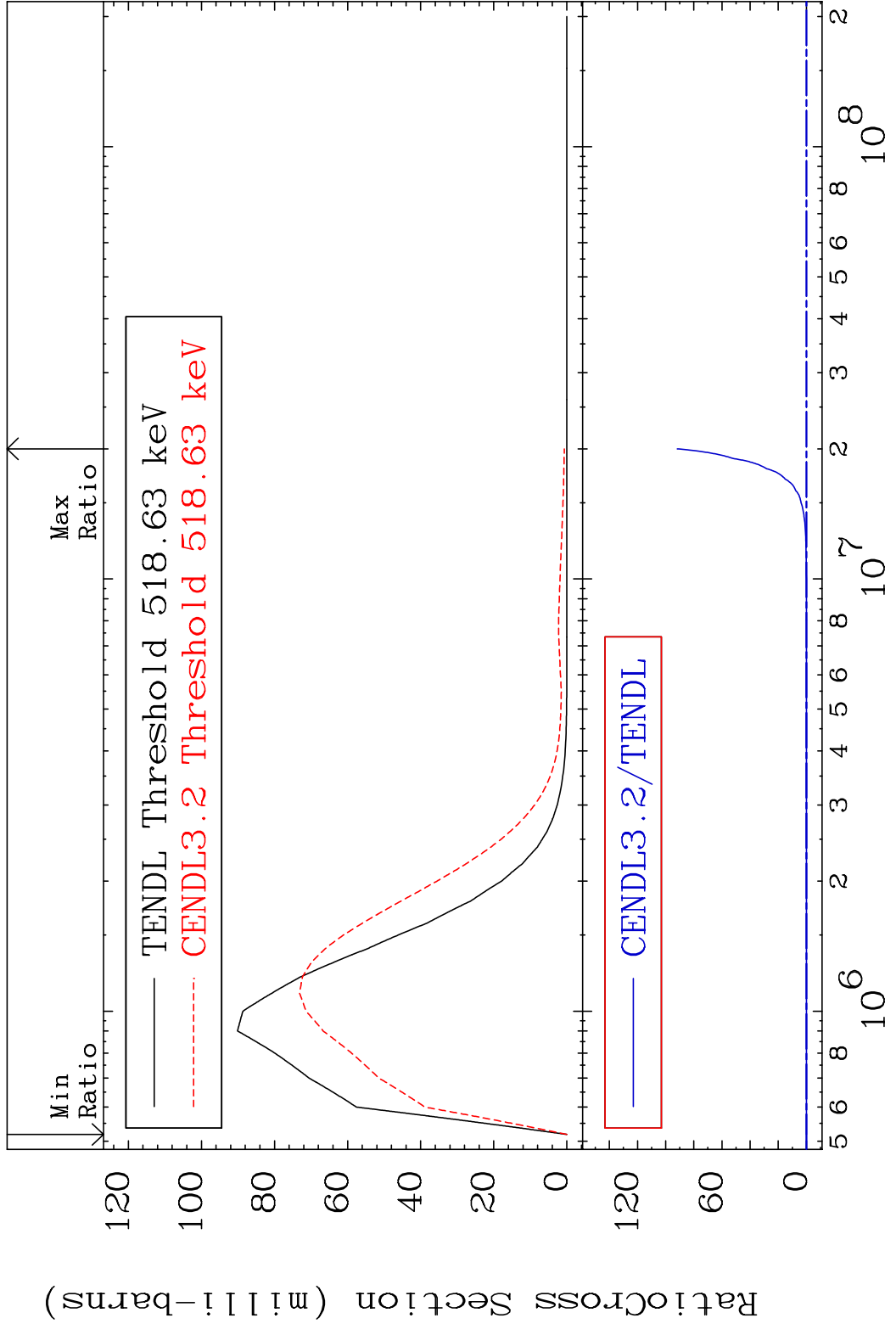
MAT 6725 MT= 58 (n, n') Level 67-Ho-165
 Cross Section -65.55 To 9999. %



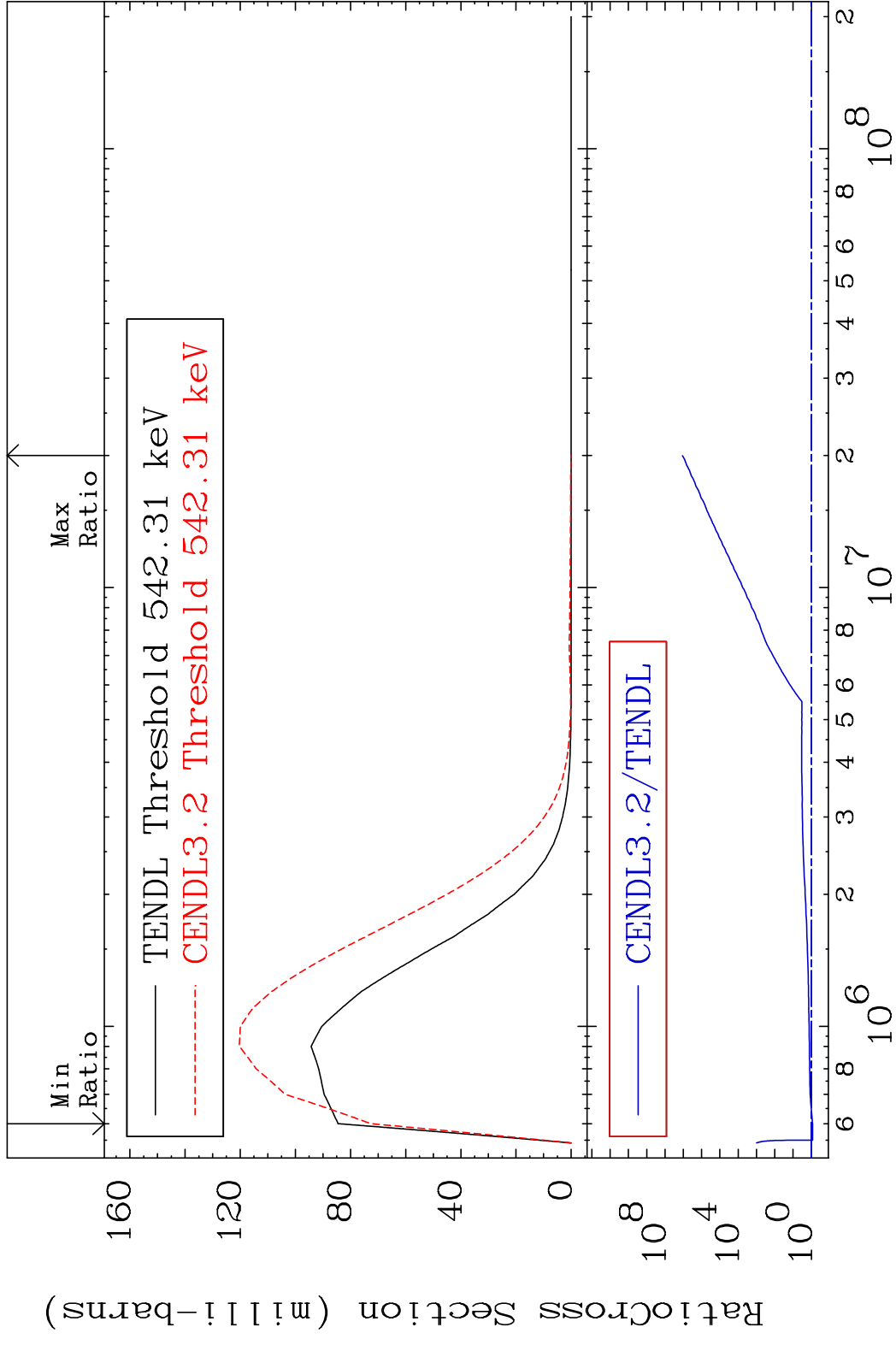
MAT 6725 MT= 59 (n, n') Level 67-Ho-165
 Cross Section -99.04 To 26.51 %



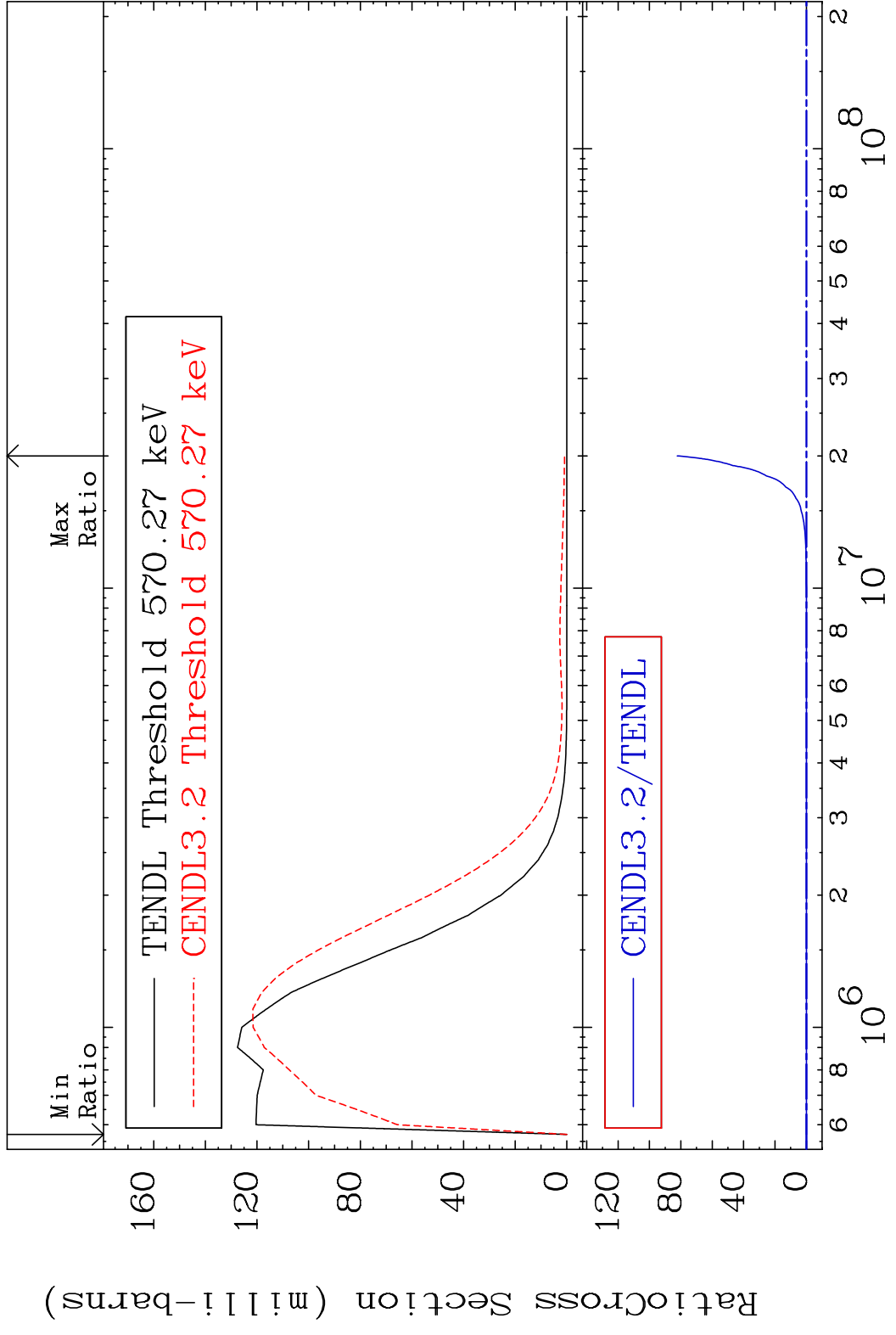
MAT 6725 MT= 60 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %



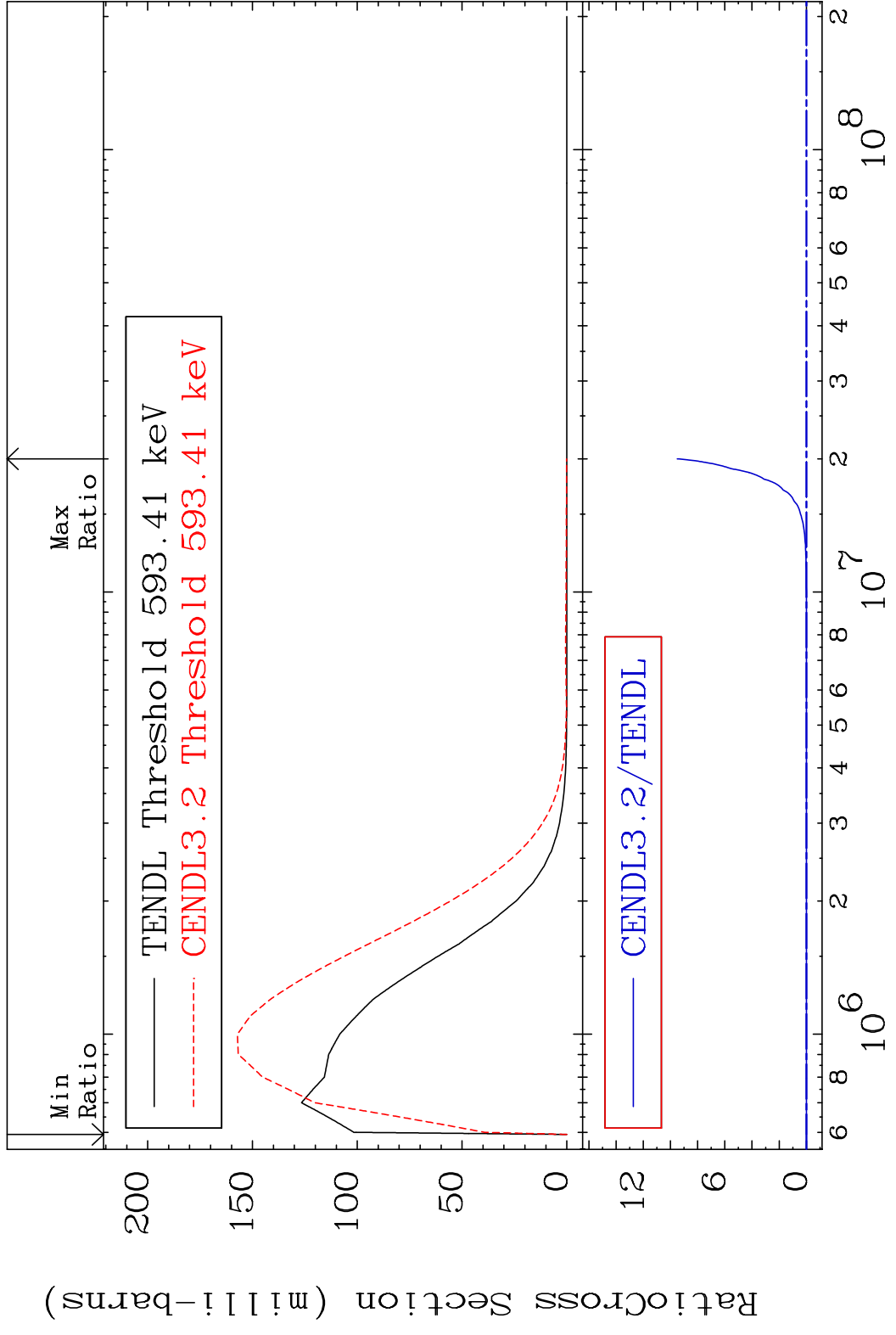
MAT 6725 MT= 61 (n, n') Level 67-Ho-165
 Cross Section -14.00 To 9999. %



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

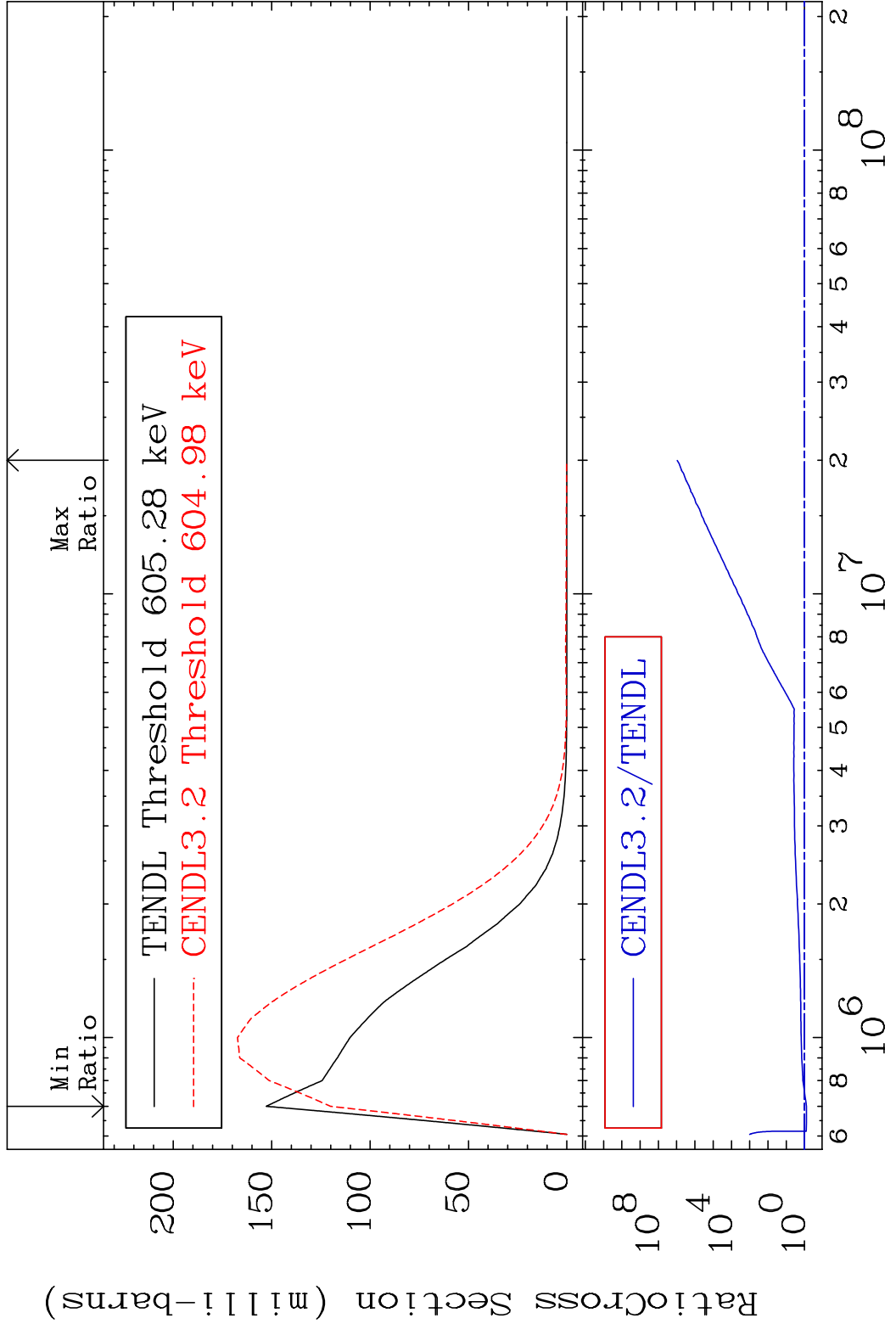


MAT 6725 MT= 63 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %

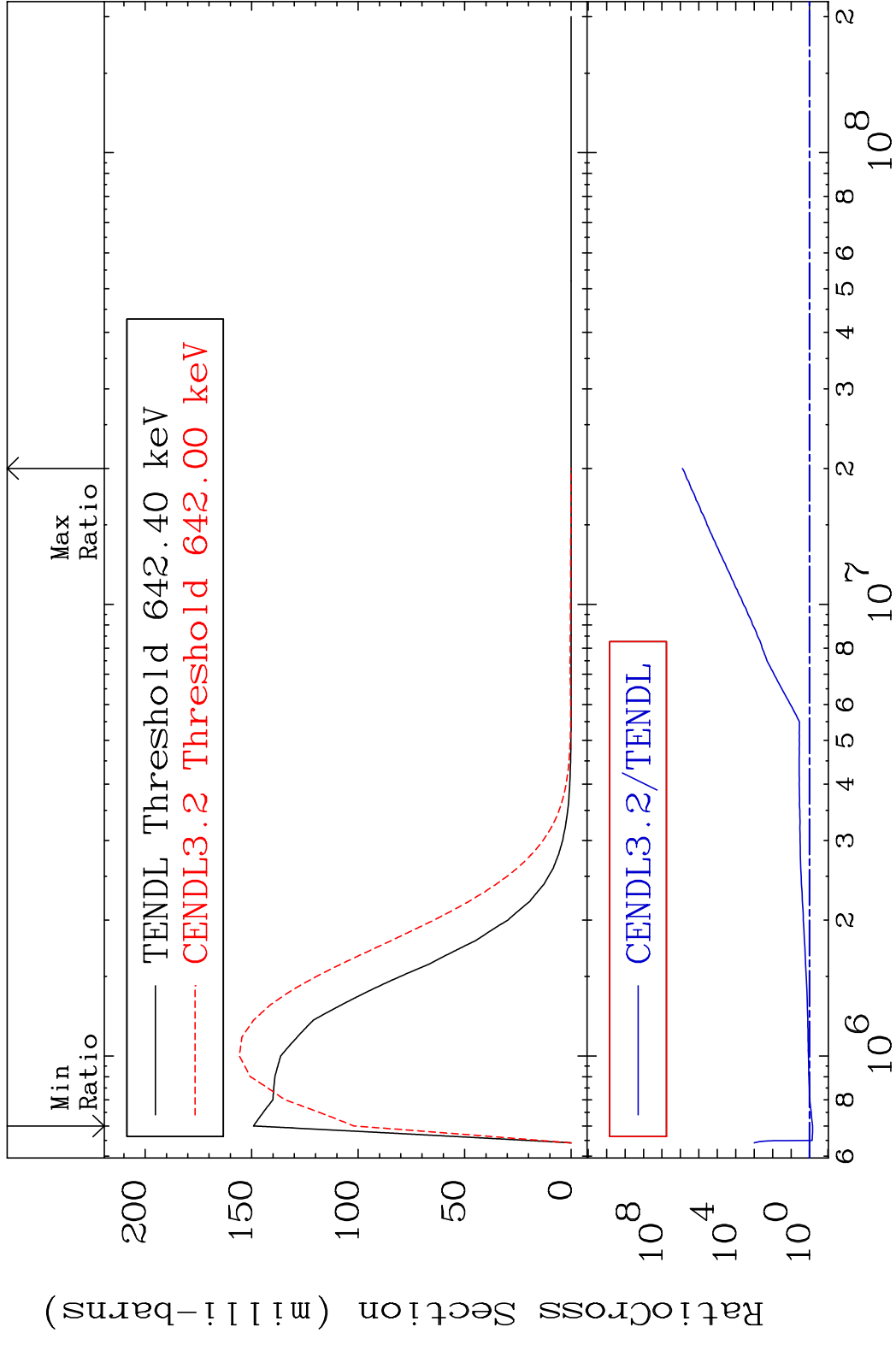


20 Incident Energy (eV) 67-Ho-165

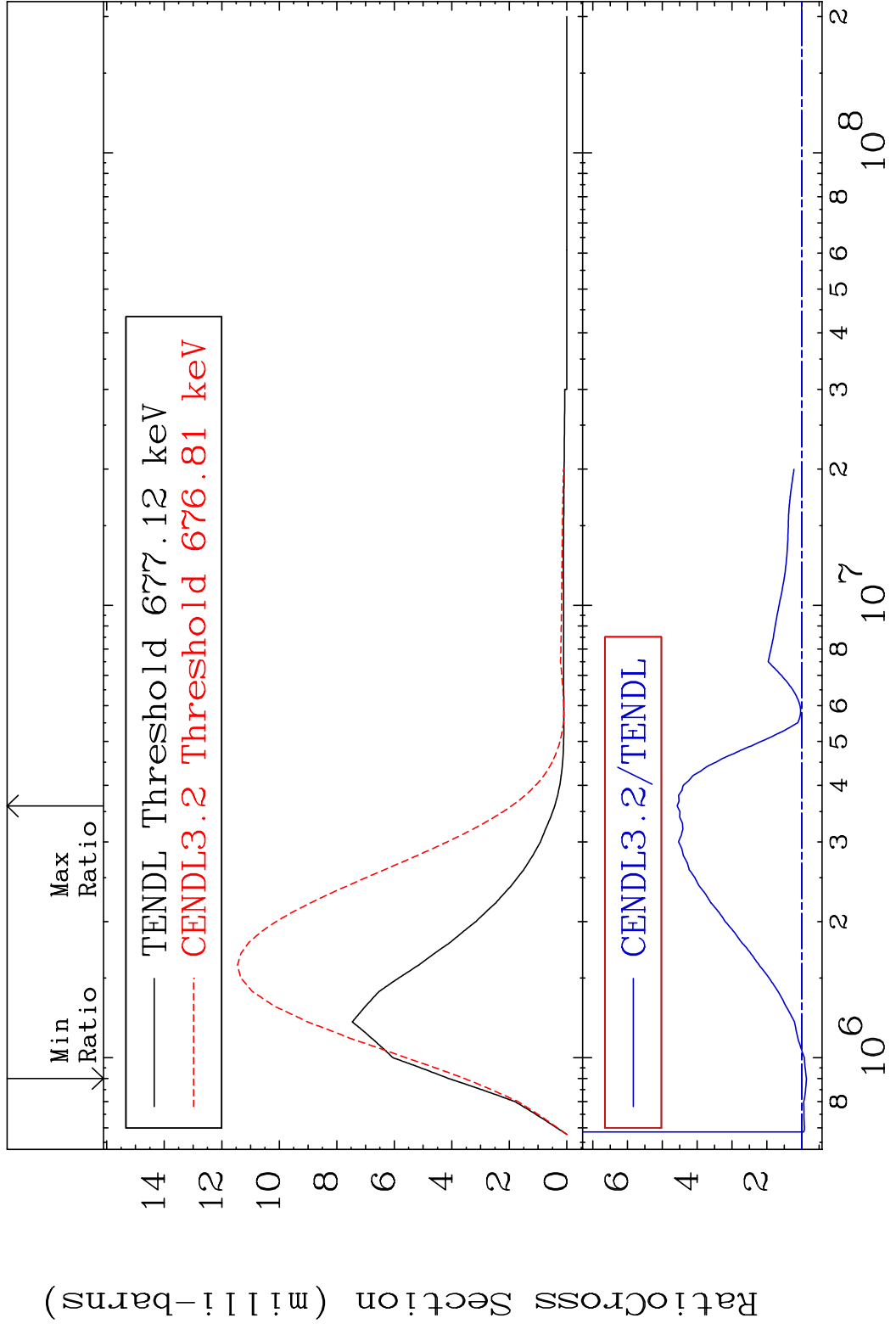
MAT 6725 MT= 64 (n, n') Level 67-Ho-165
 Cross Section -21.38 To 9999. %



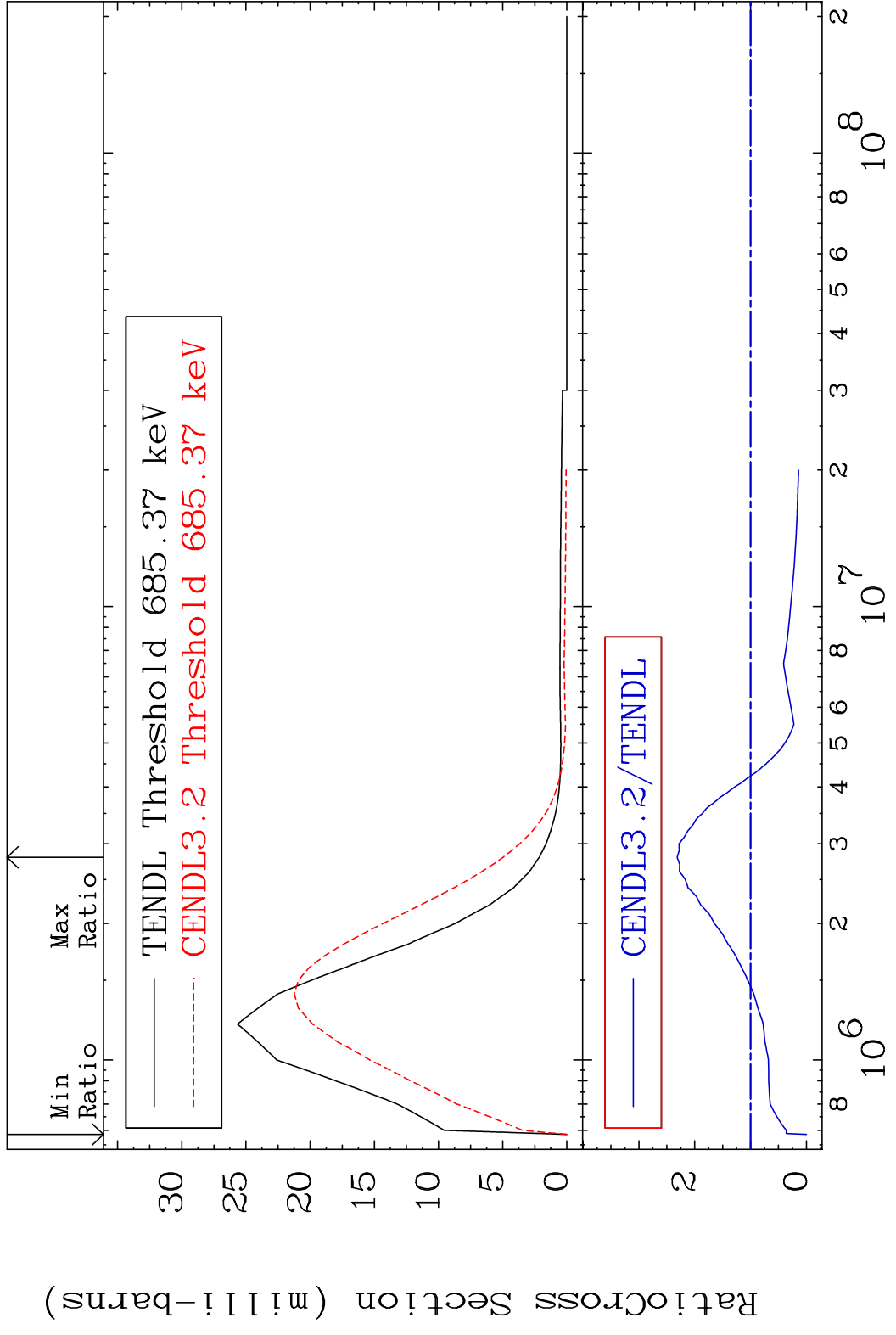
MAT 6725 MT= 65 (n, n') Level 67-Ho-165
 Cross Section -31.61 To 9999. %



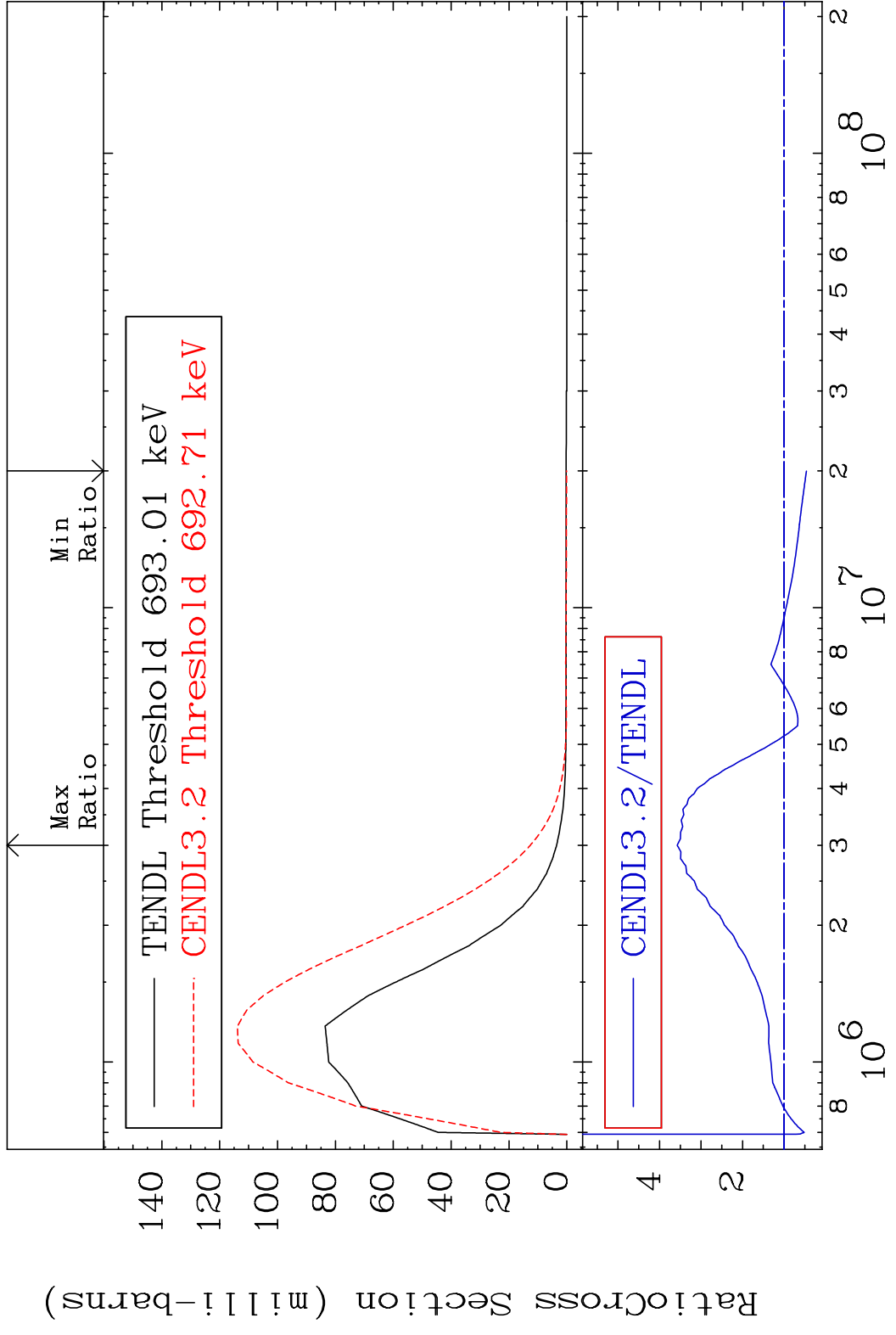
MAT 6725 MT= 66 (n, n') Level 67-Ho-165
 Cross Section -13.53 To 357.5 %



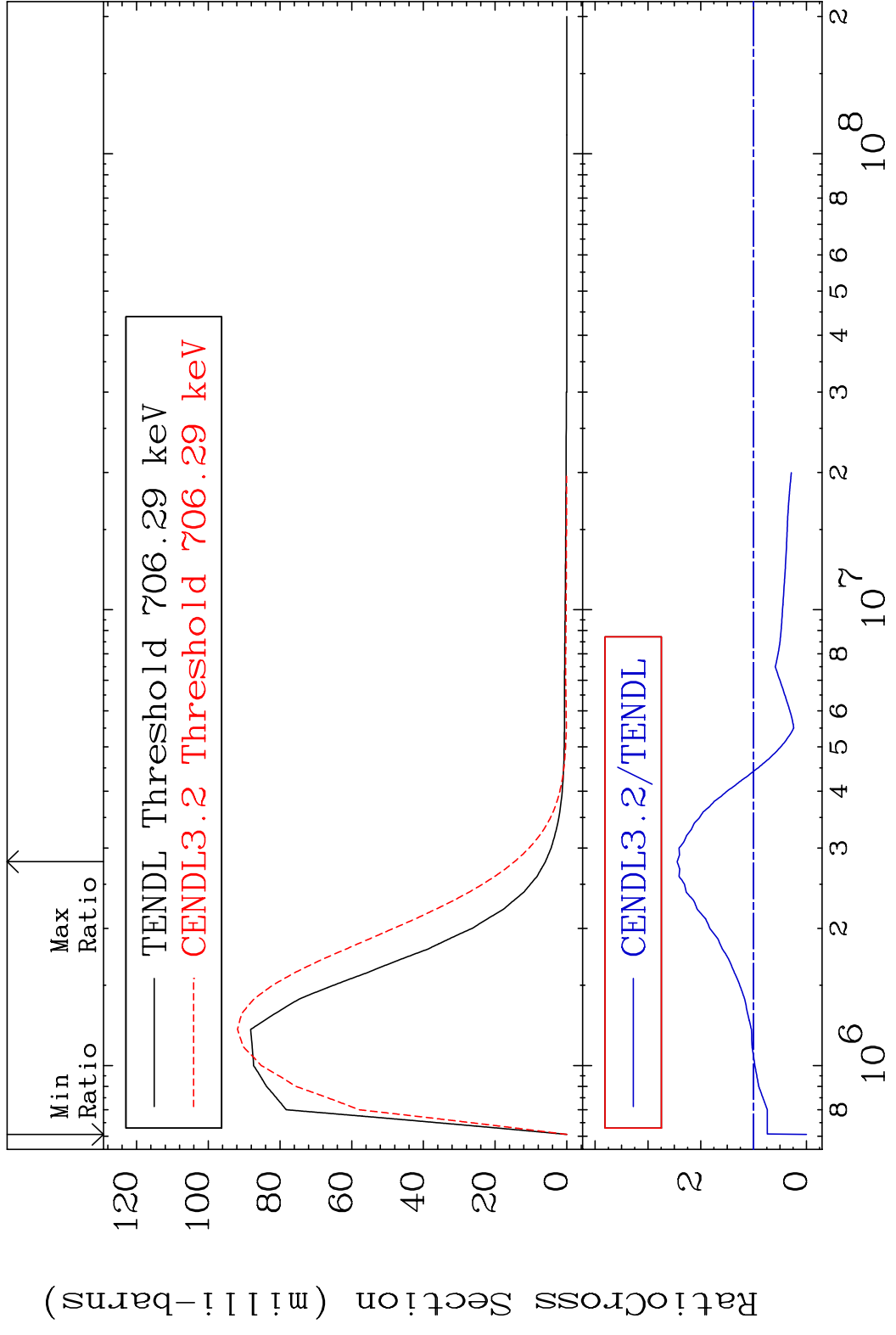
MAT 6725 MT= 67 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 131.4 %



MAT 6725 MT= 68 (n, n') Level 67-Ho-165
 Cross Section -53.86 To 257.5 %



MAT 6725 MT= 69 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 144.6 %

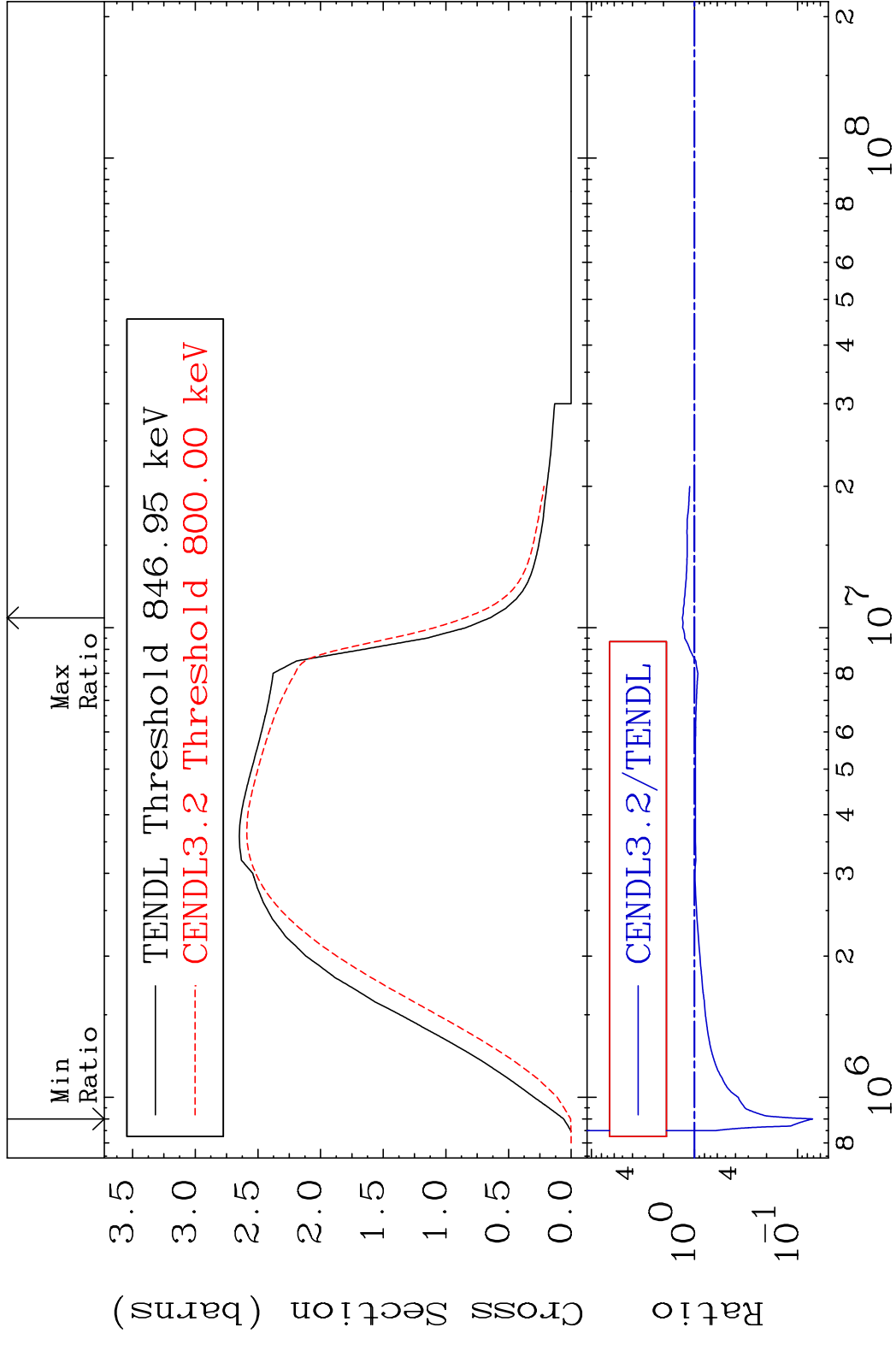


MAT 6725

(n, n') Continuum

67-Ho-165

Cross Section -92.86 To 31.01 %

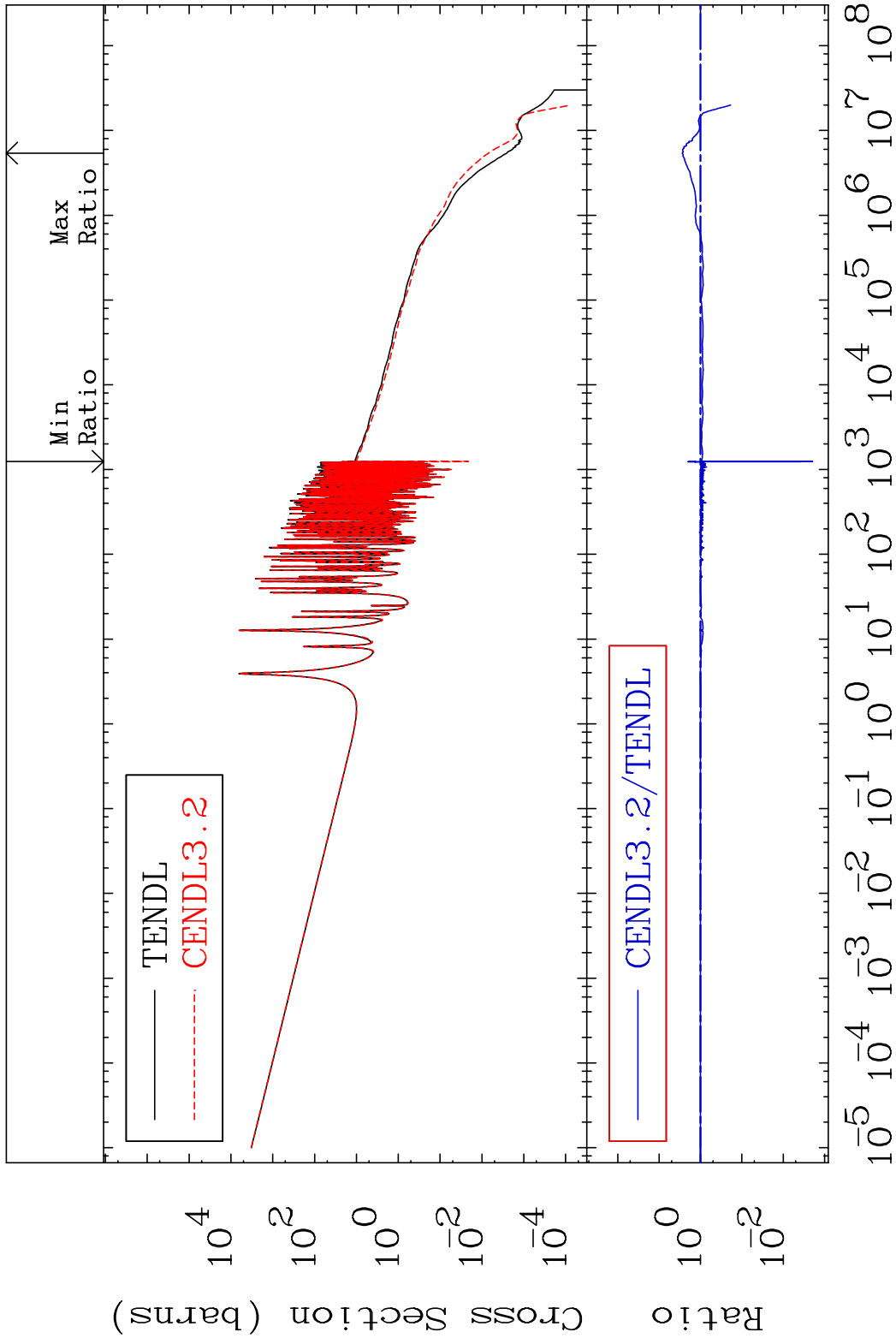


MAT 6725

(n, γ)

67-Ho-165

Cross Section -99.80 To 177.7 %



28

Incident Energy (eV)

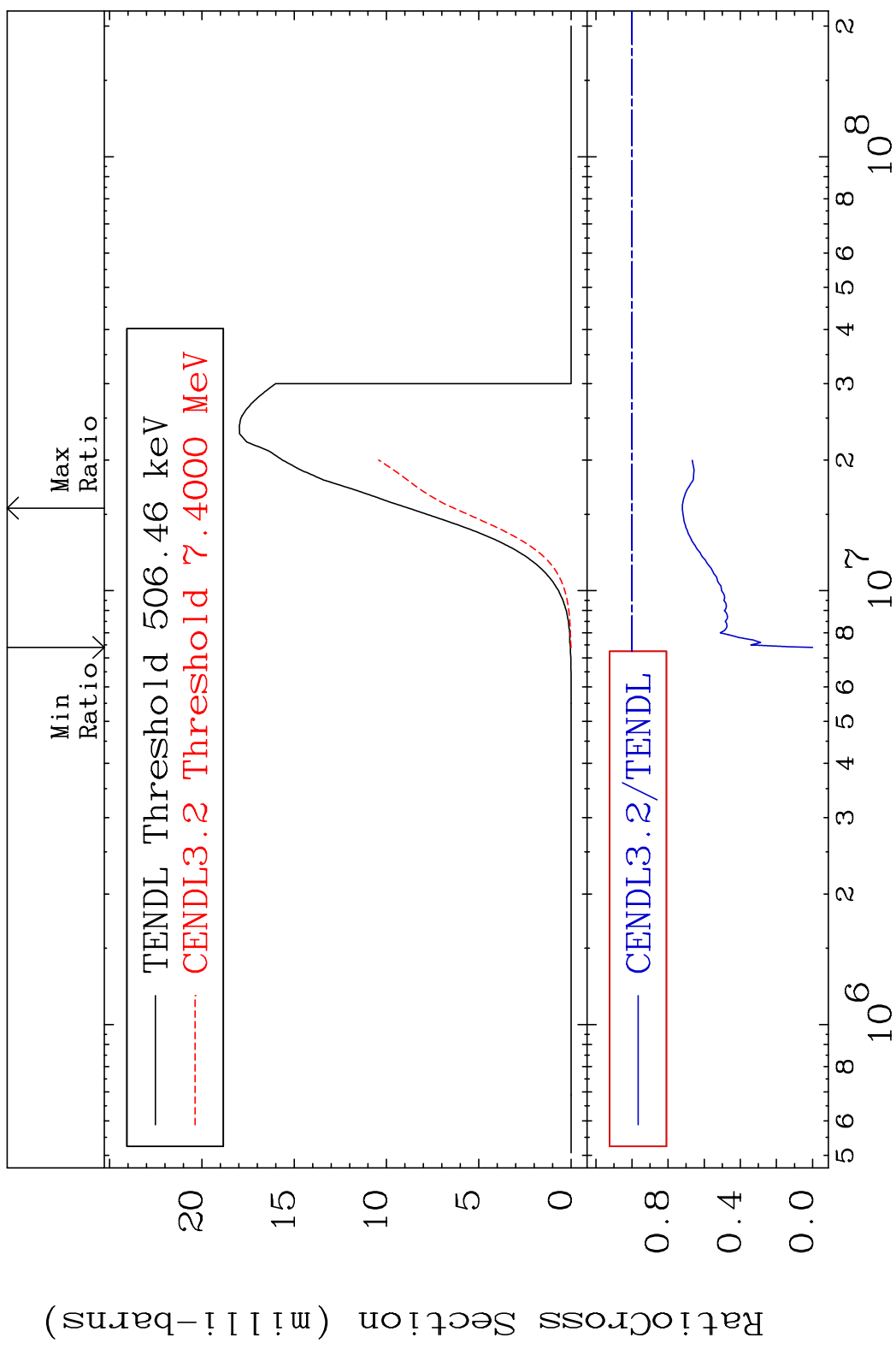
67-Ho-165

MAT 6725

(n, p)

67-Ho-165

Cross Section -100.0 To -27.90%

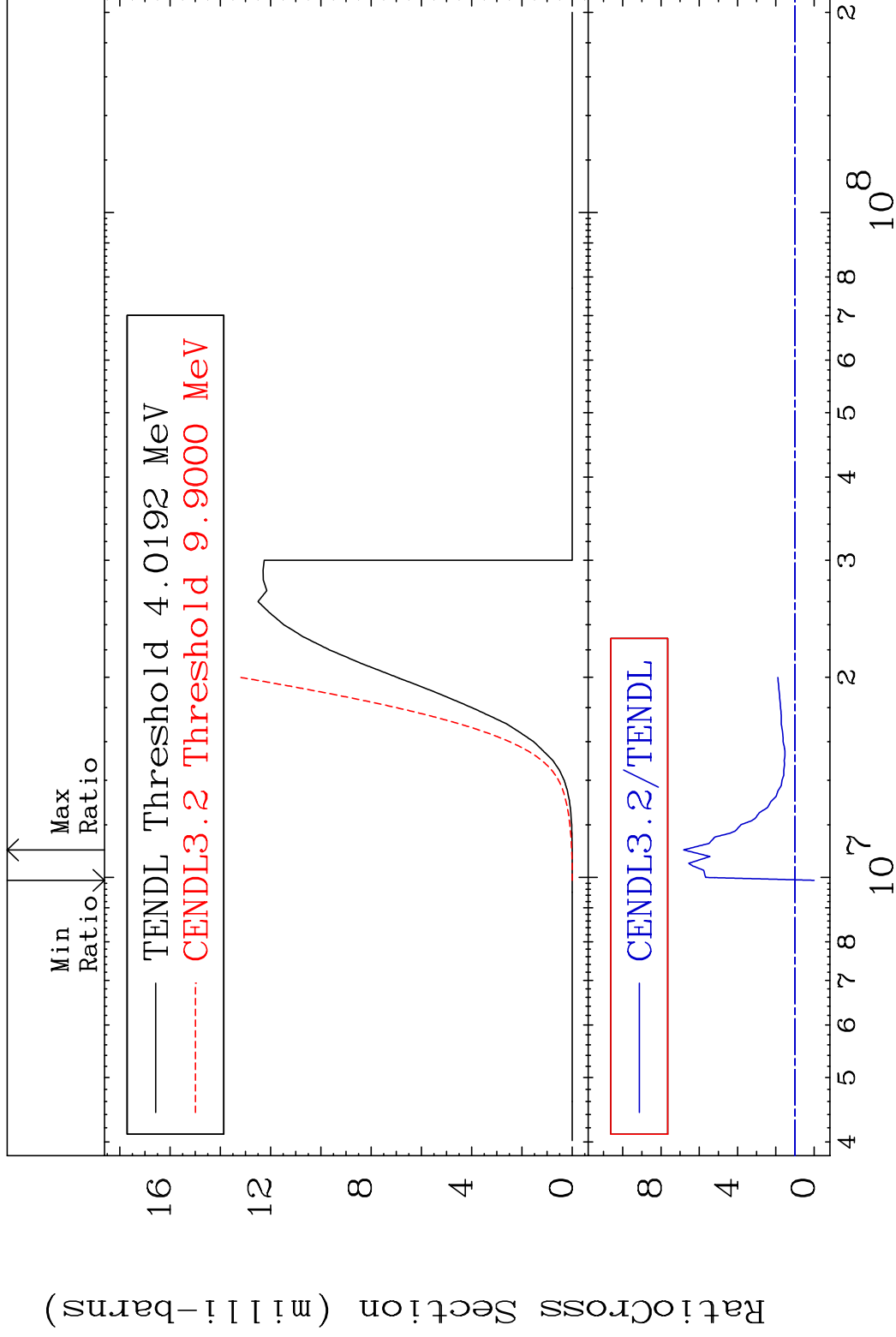


MAT 6725

(n, d)

67-Ho-165

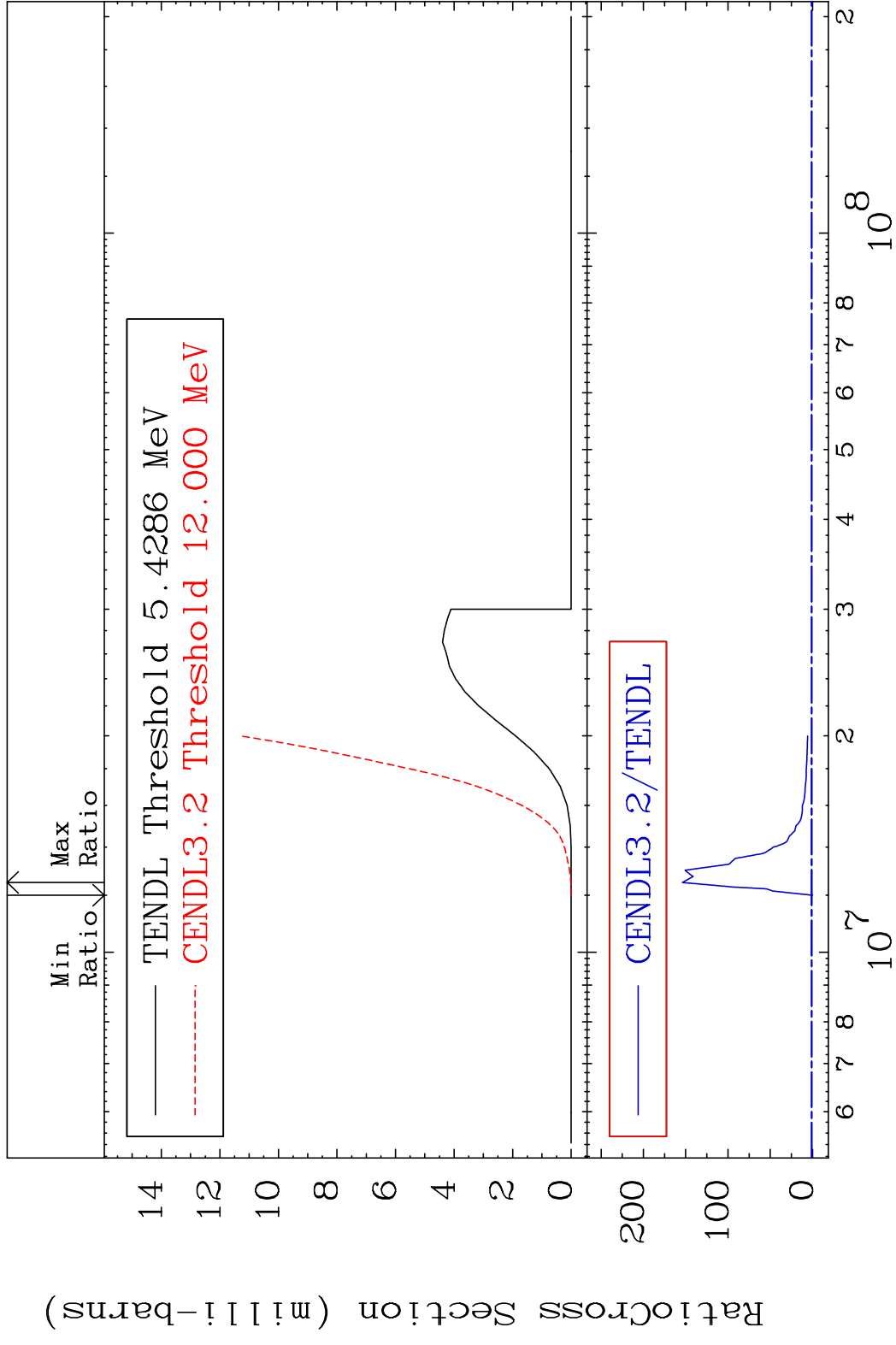
Cross Section -100.0 To 581.6 %



30

Incident Energy (eV)

67-Ho-165

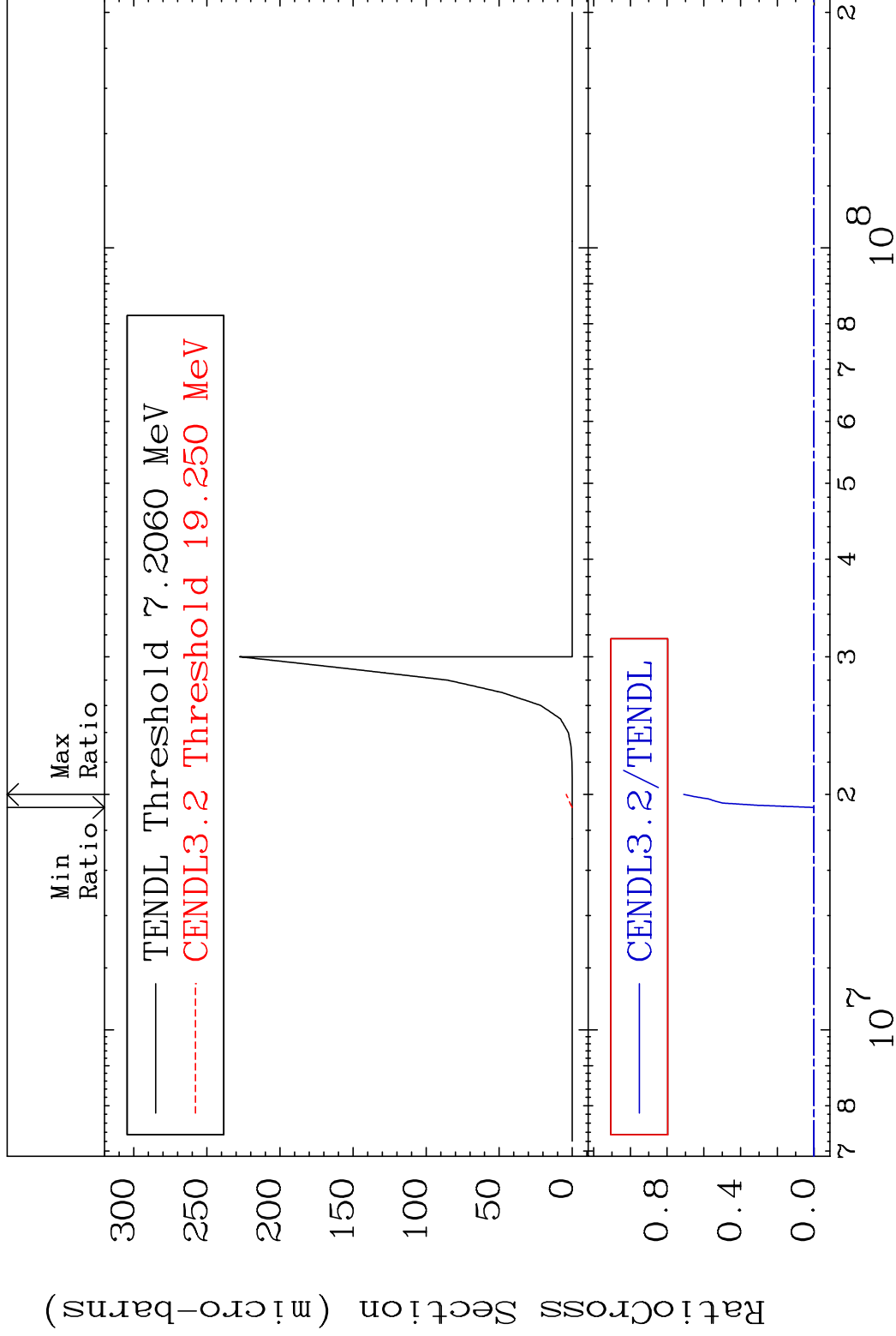


MAT 6725

(n, He-3)

67-Ho-165

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

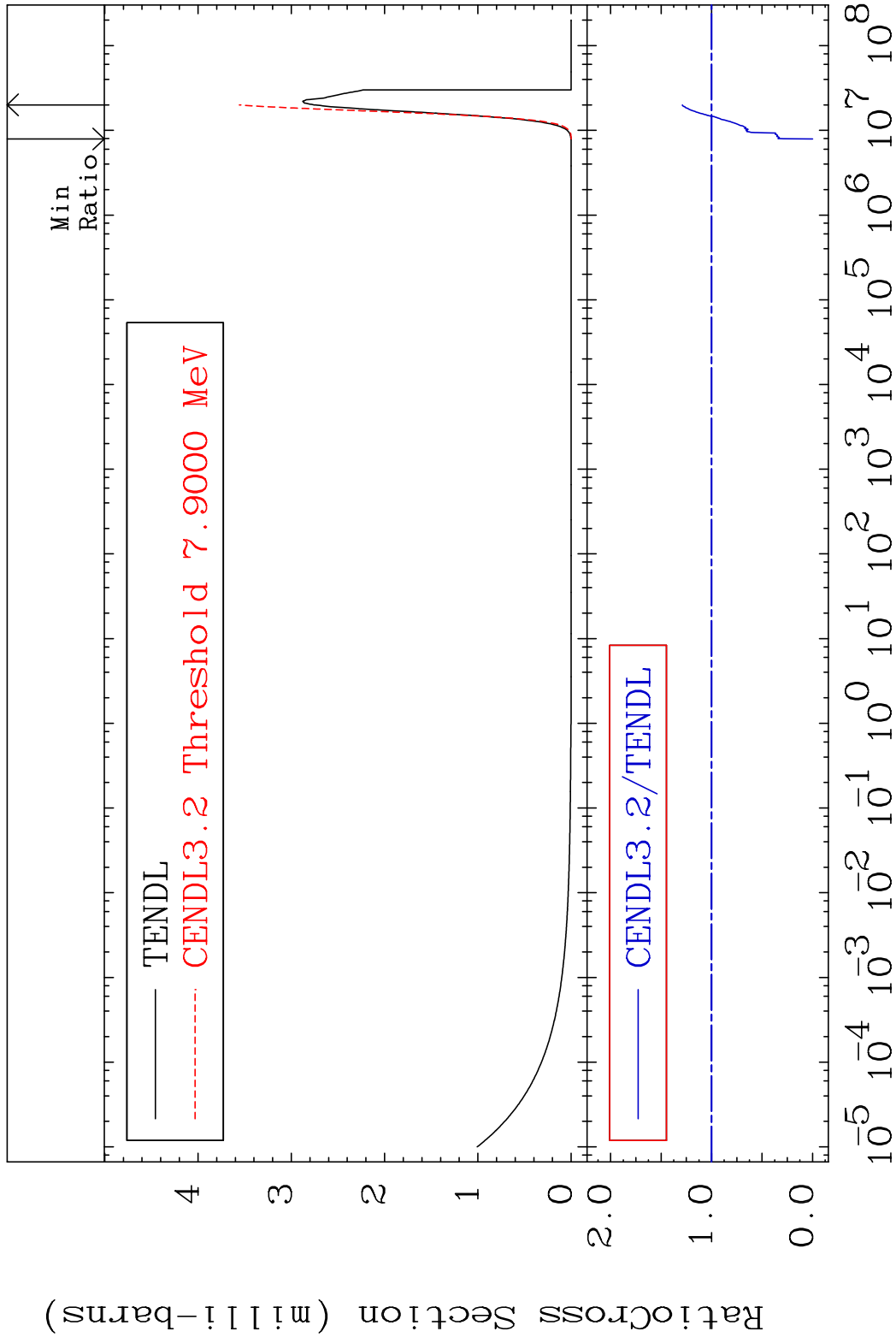
67-Ho-165

MAT 6725

(n, α)

67-Ho-165

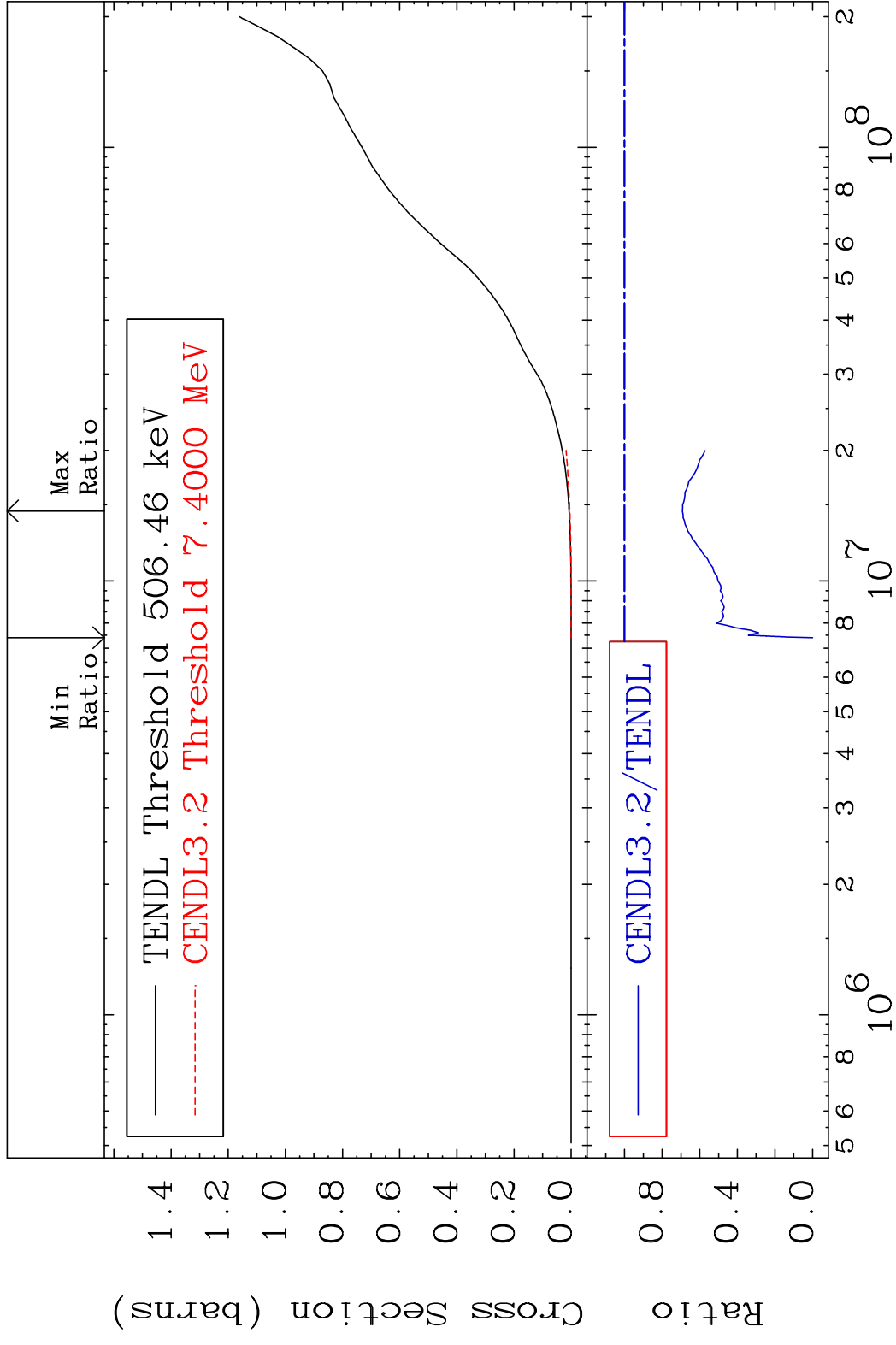
Cross Section -100.0 To 28.98 %



33

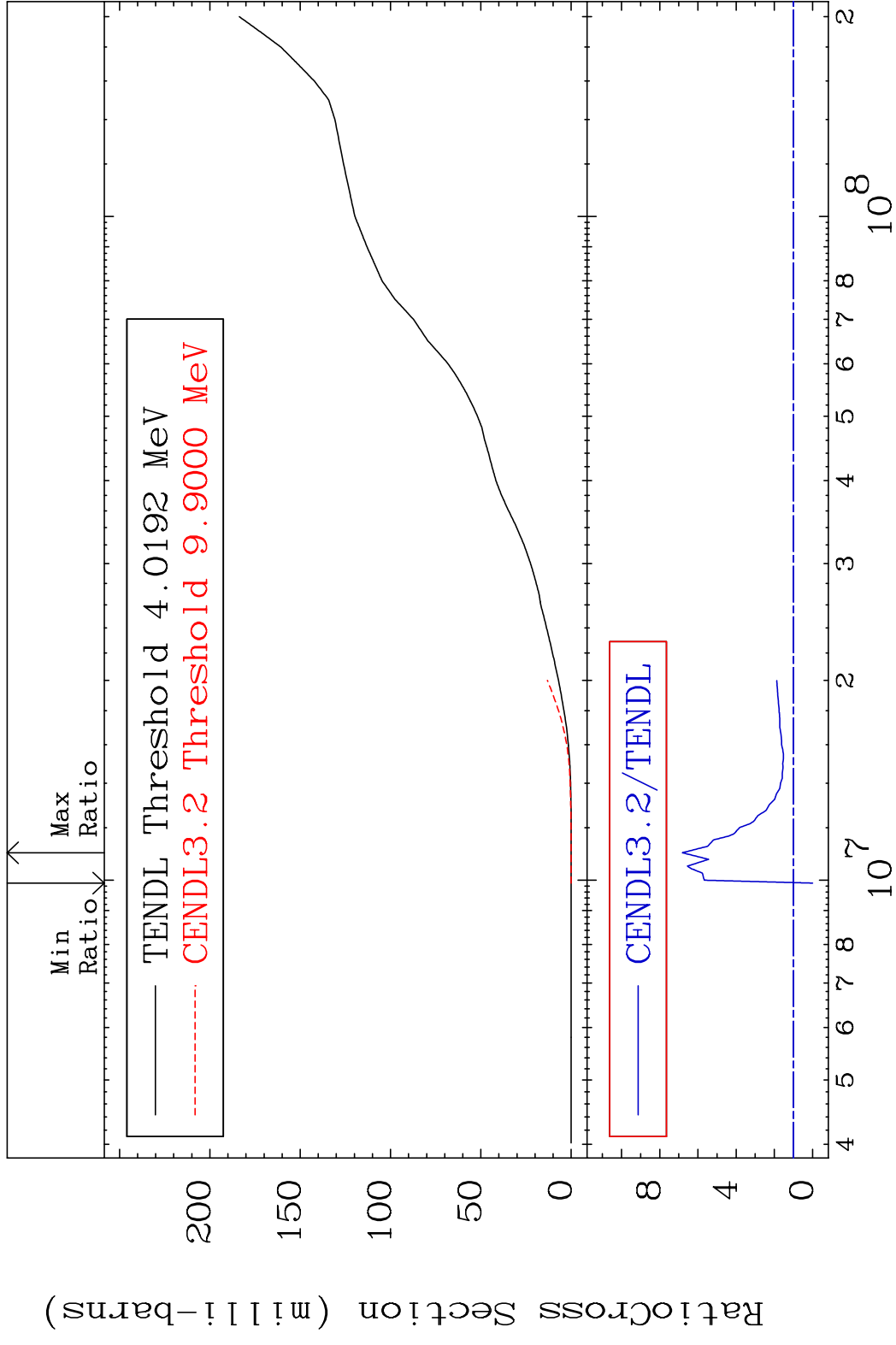
Incident Energy (eV)

67-Ho-165



MAT 6725

Deuterium Production 67-Ho-165
Cross Section -100.0 To 581.6 %

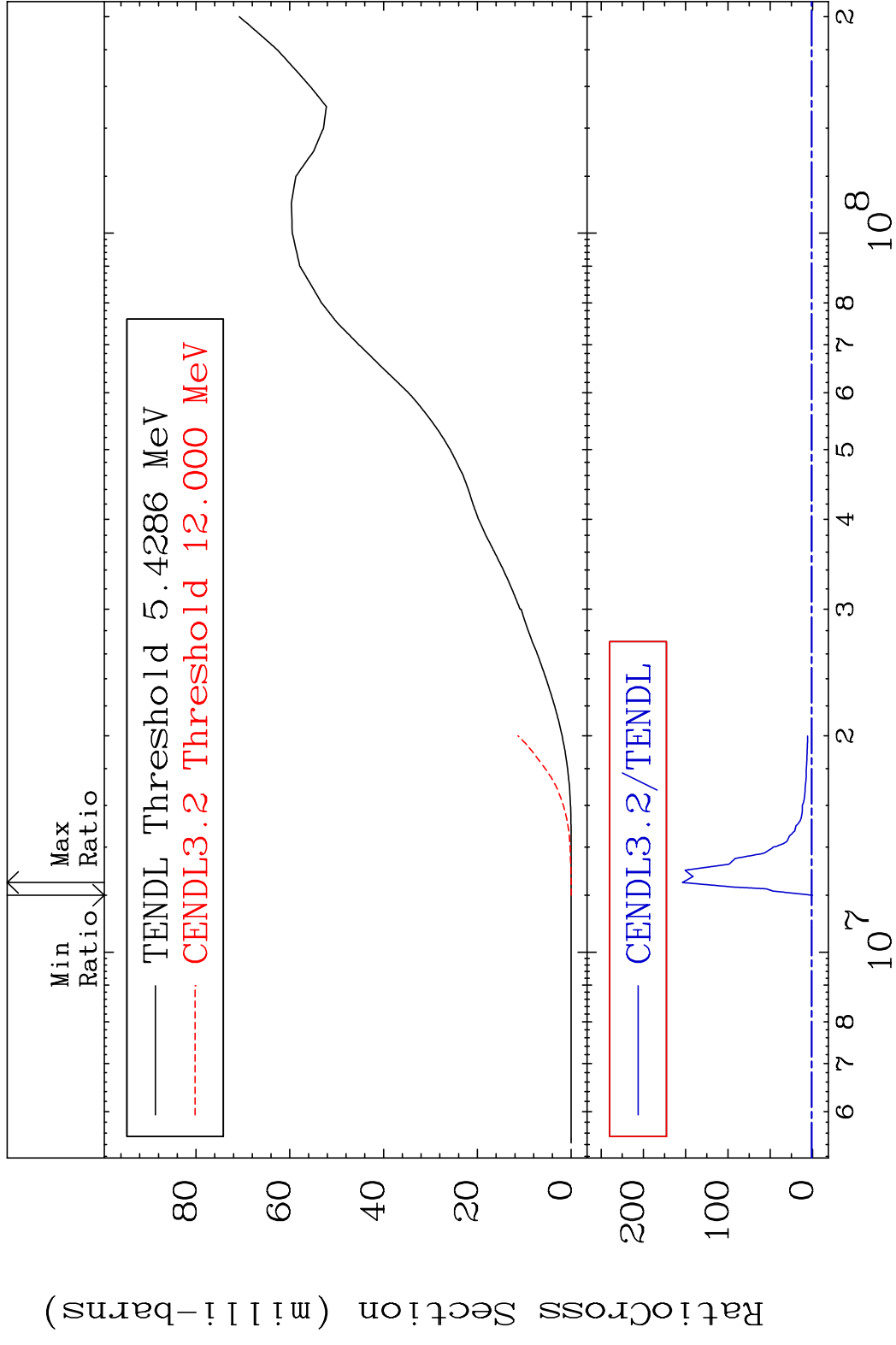


35

Incident Energy (eV) 67-Ho-165

MAT 6725

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

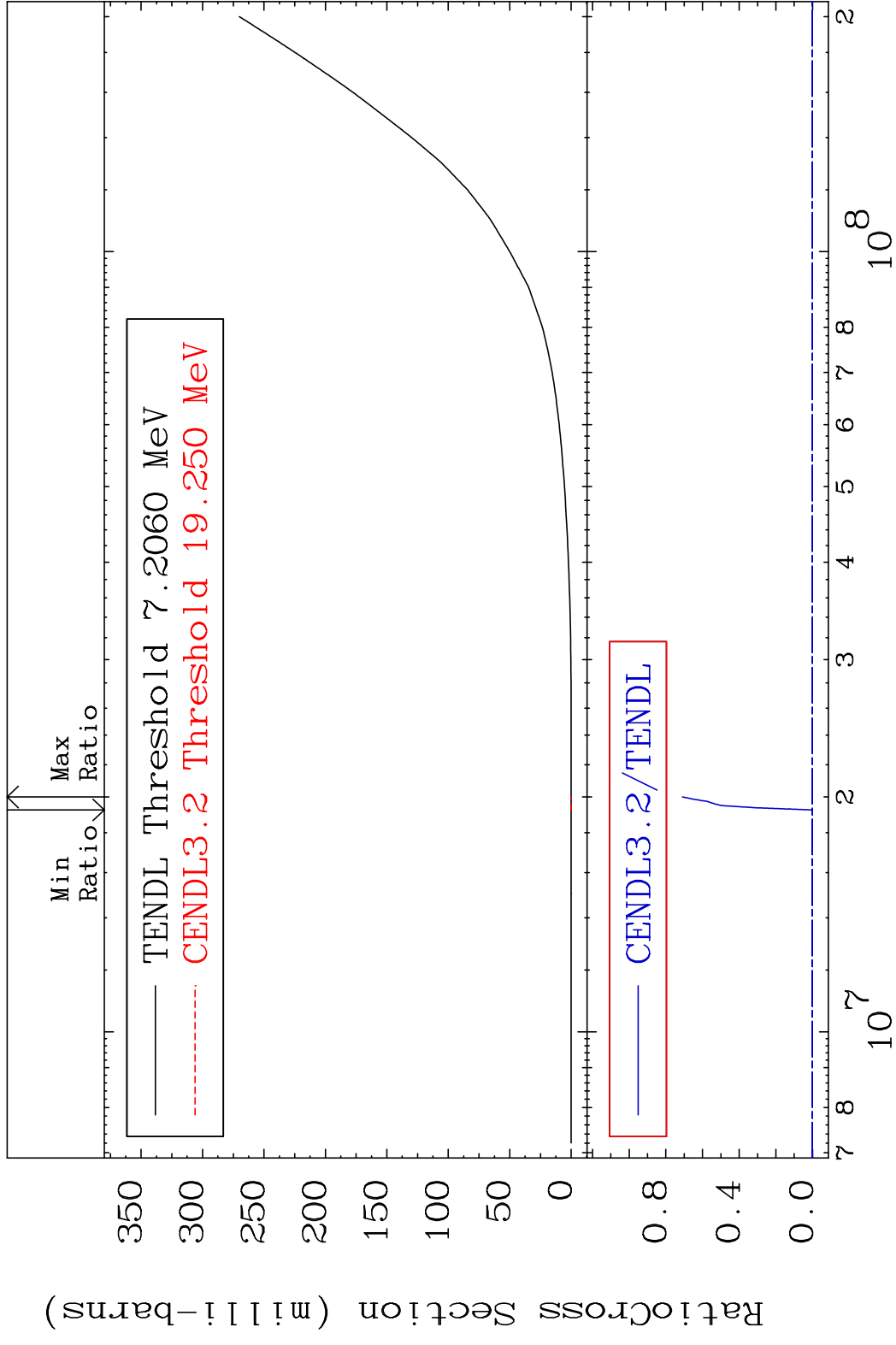


MAT 6725

He-3 Production

67-Ho-165

Cross Section -100.0 To 9999. %

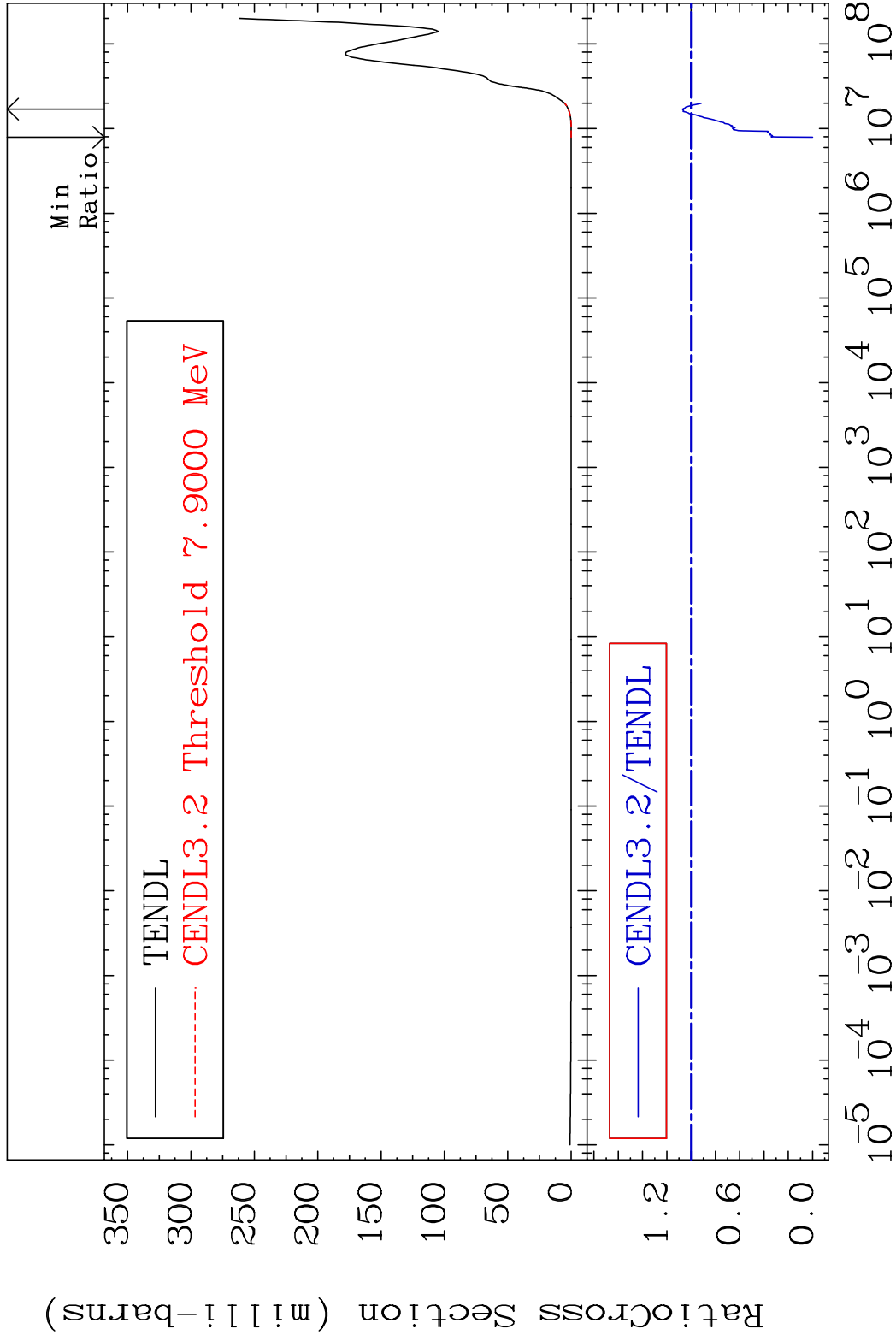


MAT 6725

He-4 Production

67-Ho-165

Cross Section -100.0 To 7.216 %

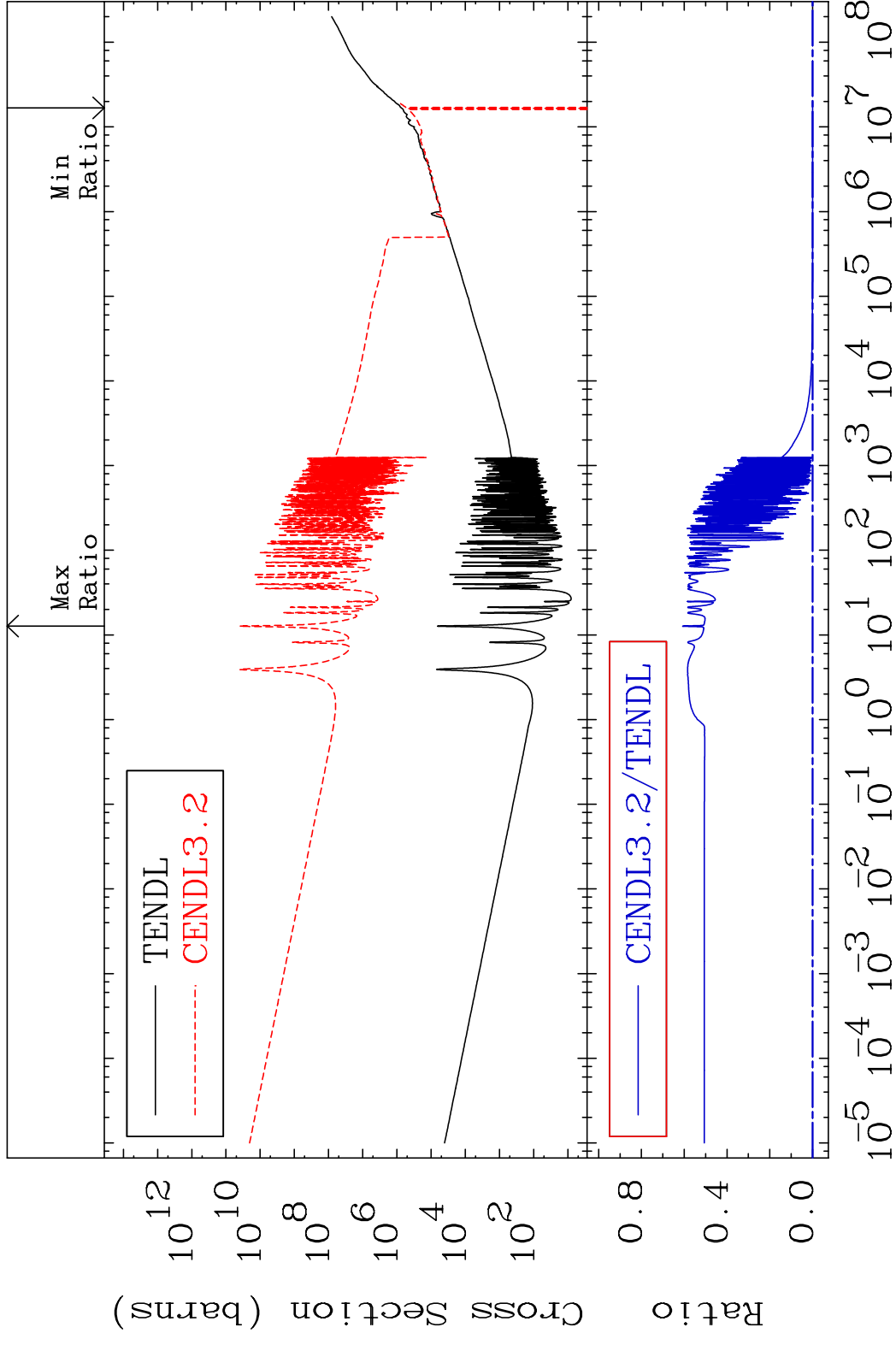


38

Incident Energy (eV)

67-Ho-165

MAT 6725 Kerma total (eV-barns) 67-Ho-165
 Cross Section -279.3 To 9999. %

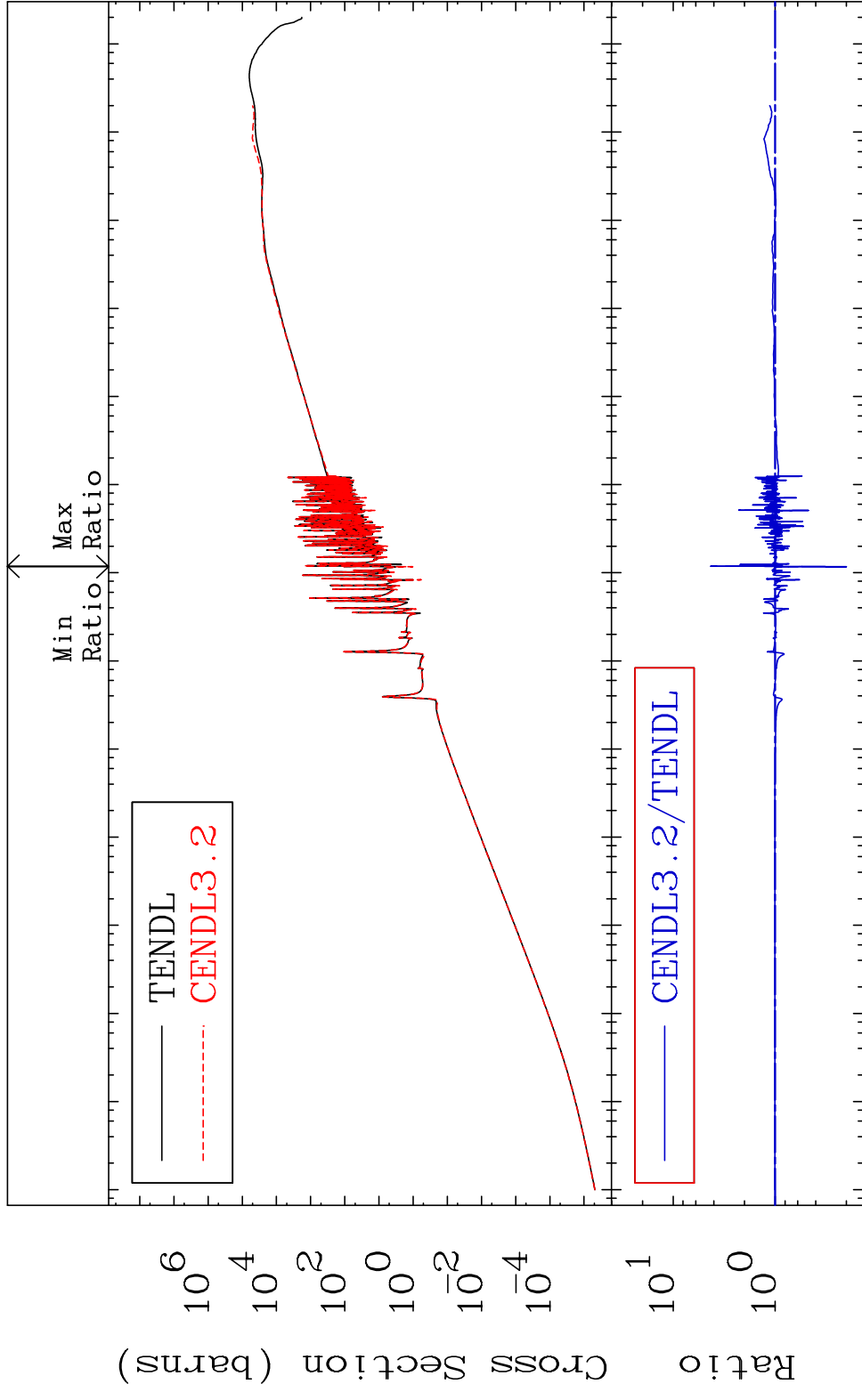


39 Incident Energy (eV) 67-Ho-165

MAT 6725

Kerma elastic Cross Section -79.95 To 328.5 %

67-Ho-165

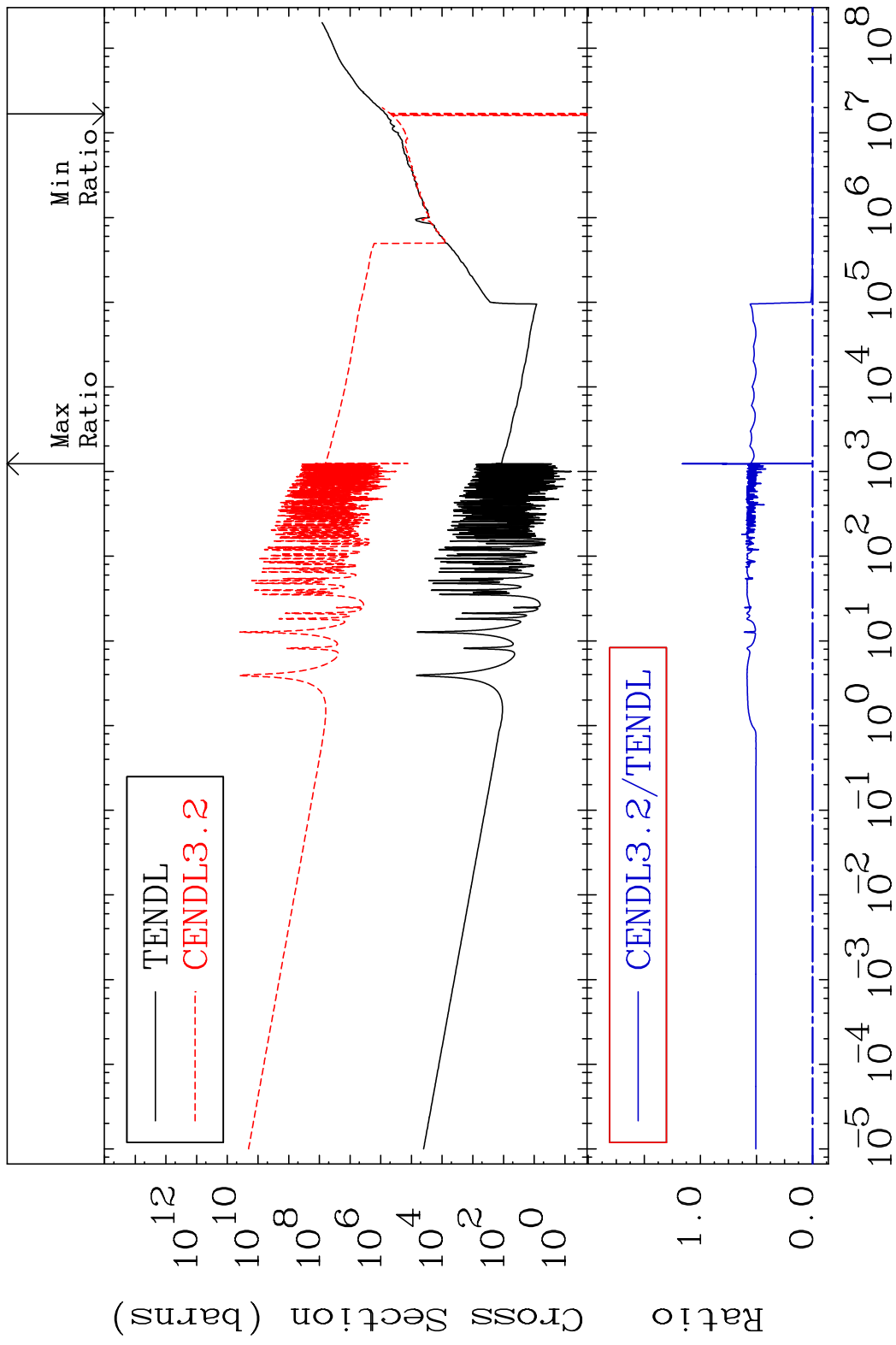


Incident Energy (eV) 67-Ho-165

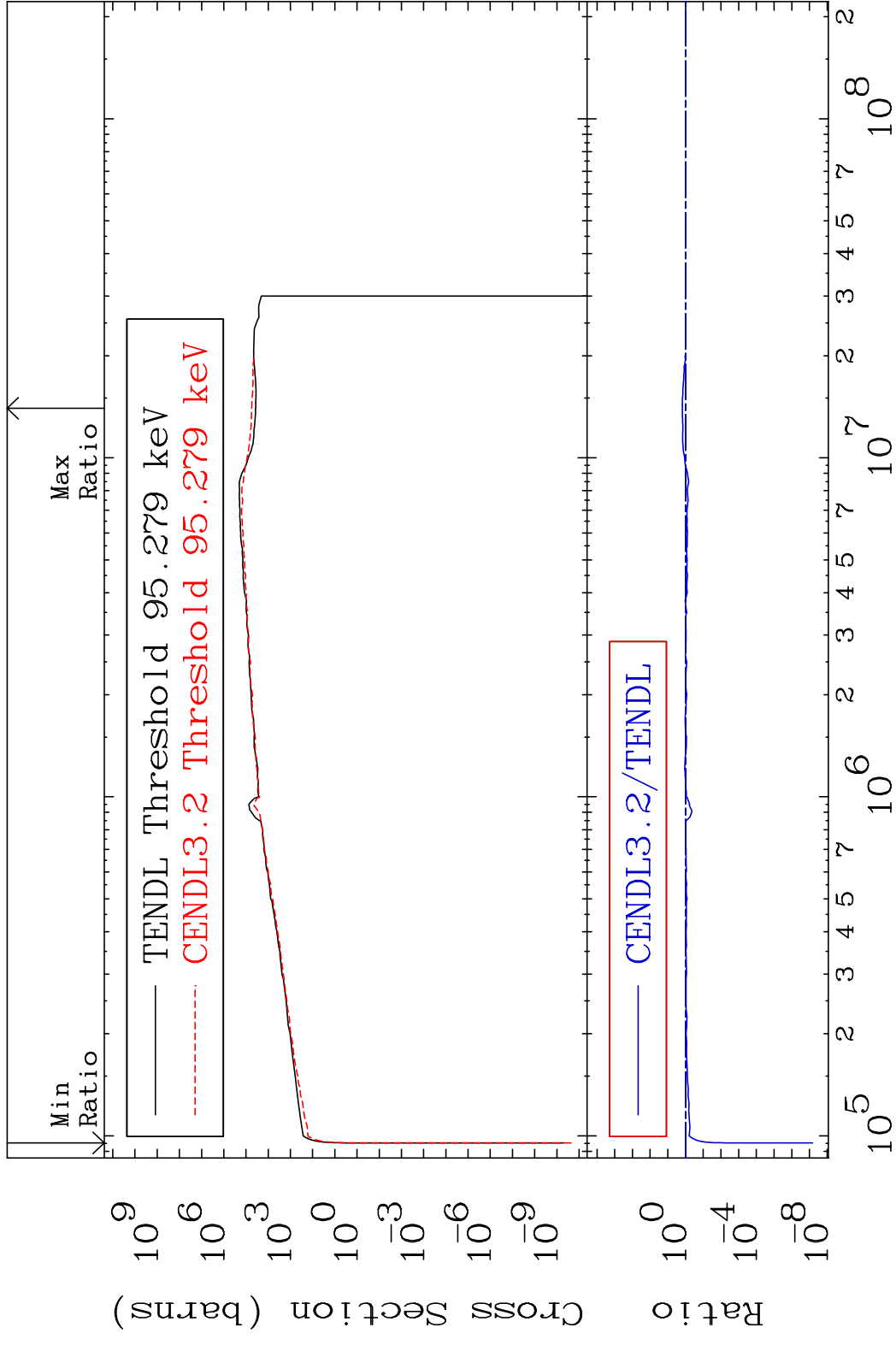
40

67-Ho-165

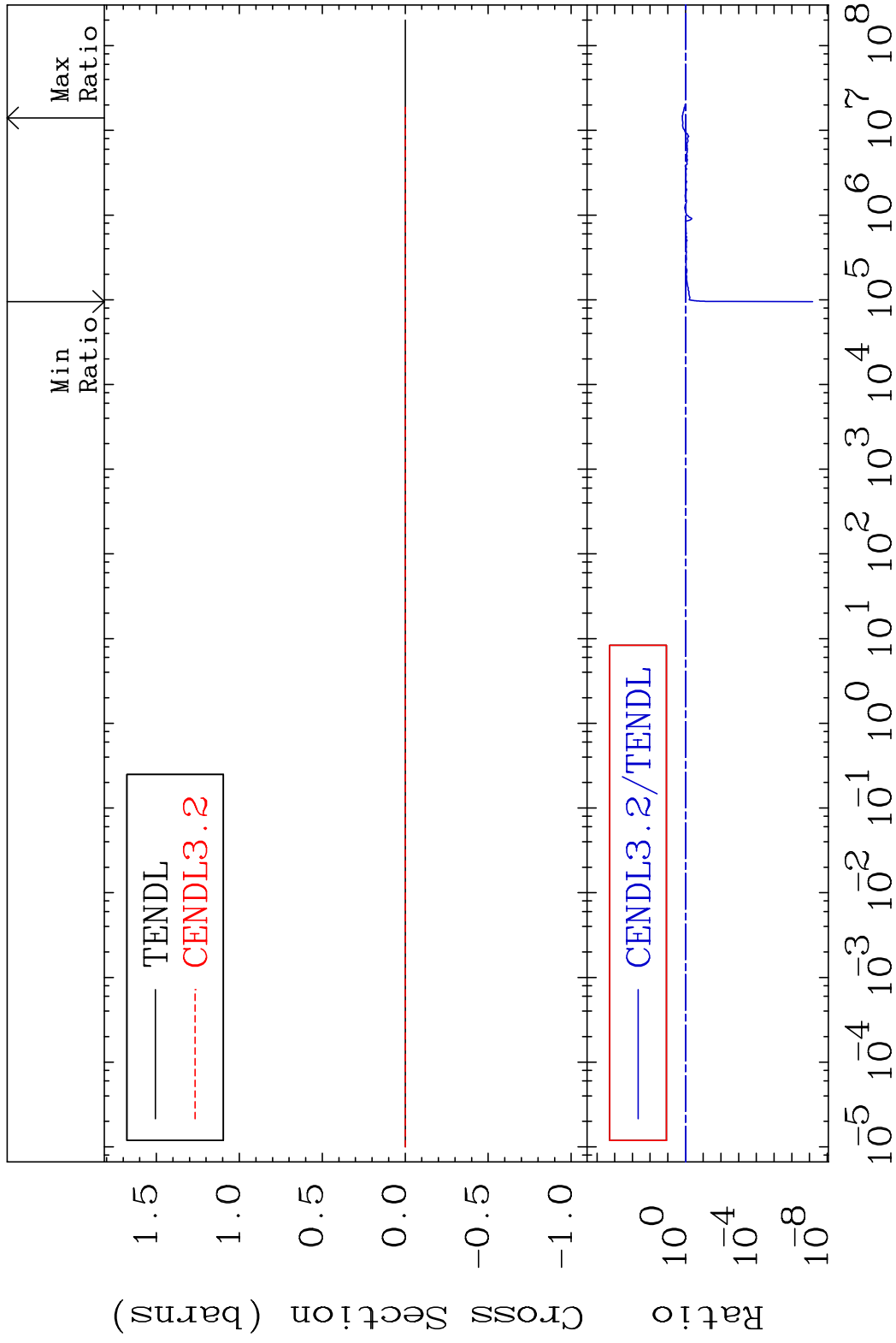
MAT 6725 Kerma non-elastic (all but mt2) 67-Ho-165
 Cross Section -296.8 To 9999. %



MAT 6725 Kerma inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 51.17 %

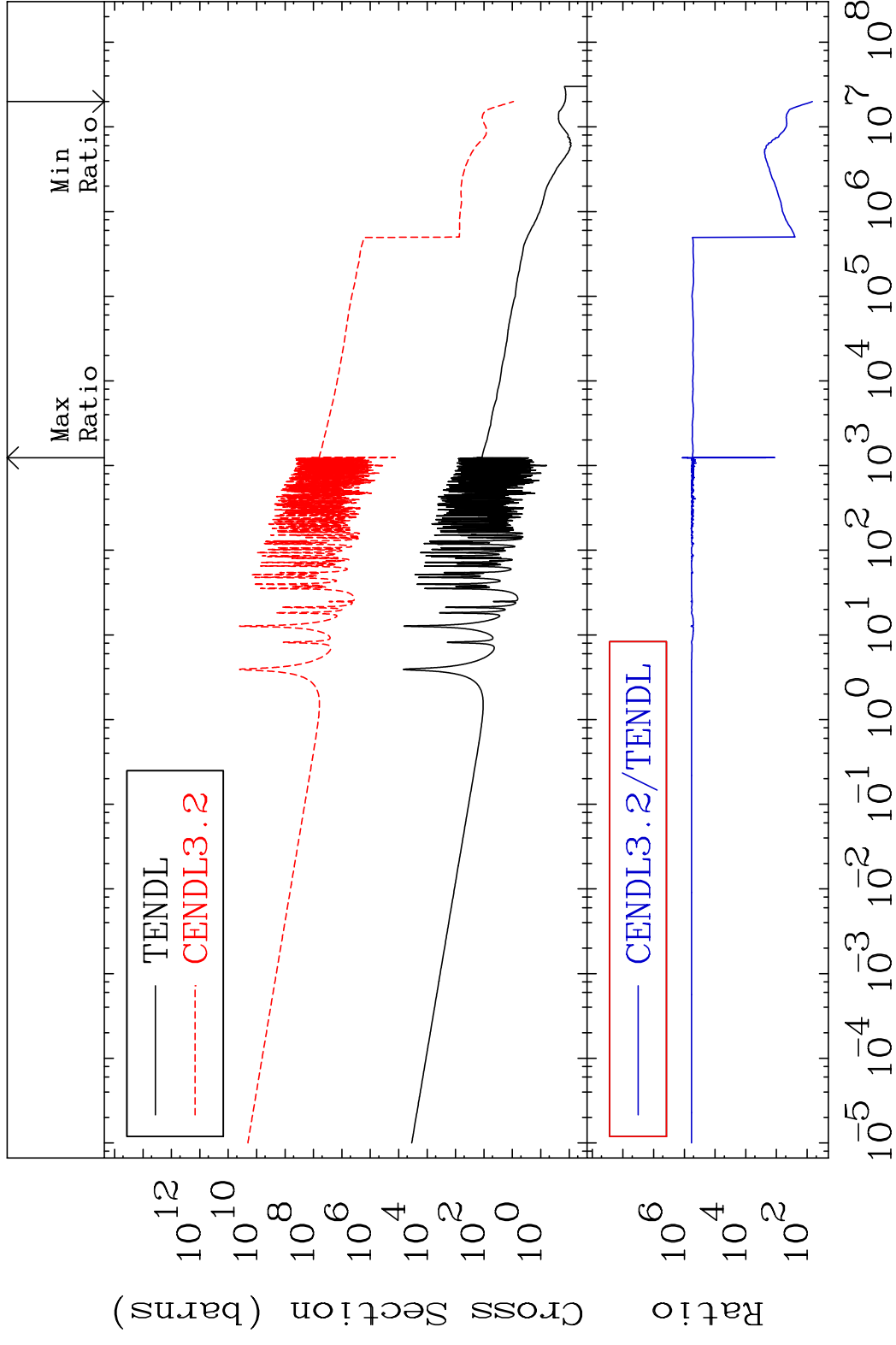


MAT 6725 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-165
 Cross Section -100.0 To 51.17 %

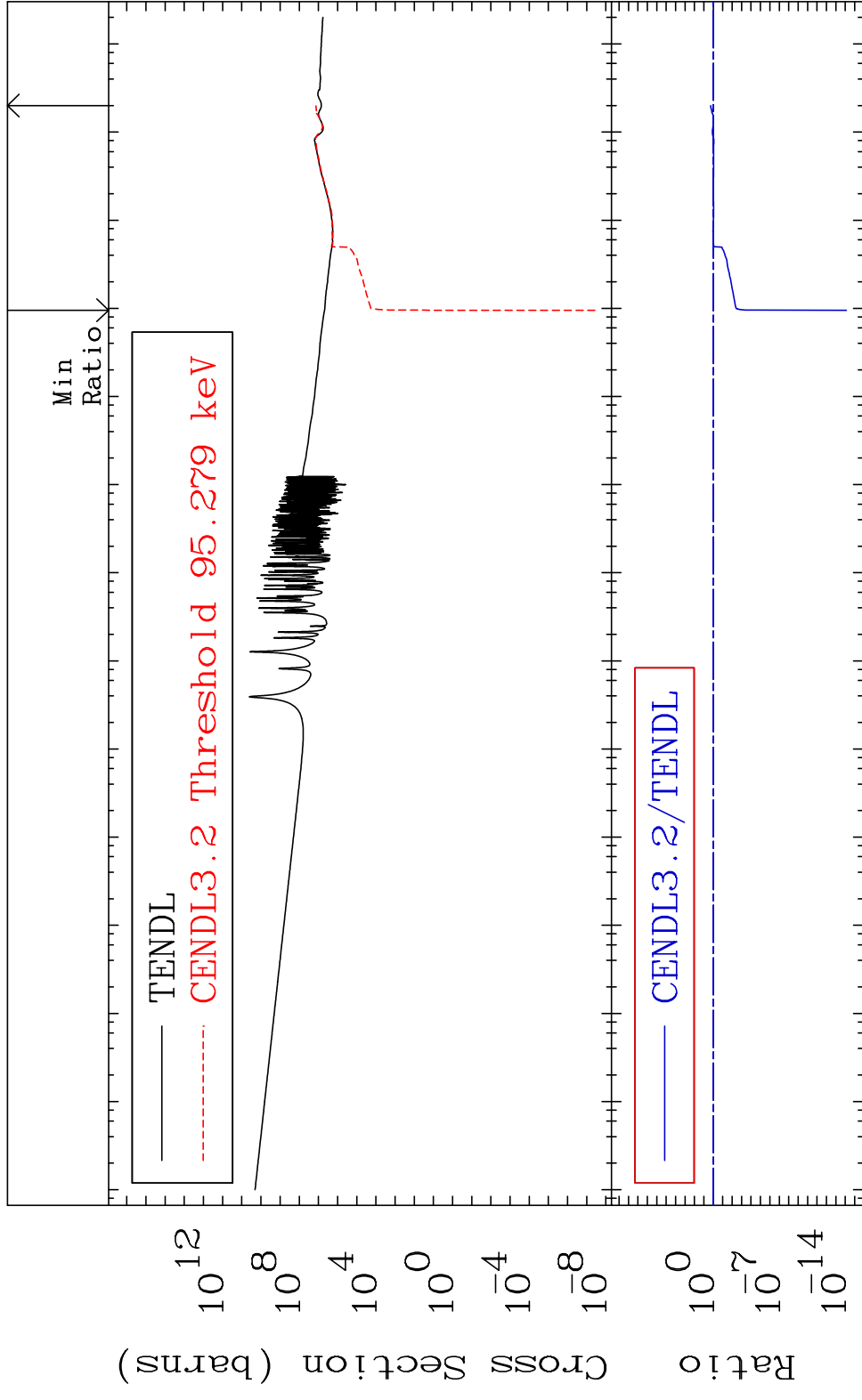


MAT 6725

Kerma capture (mt102) 67-Ho-165
Cross Section 6544. To 9999. %

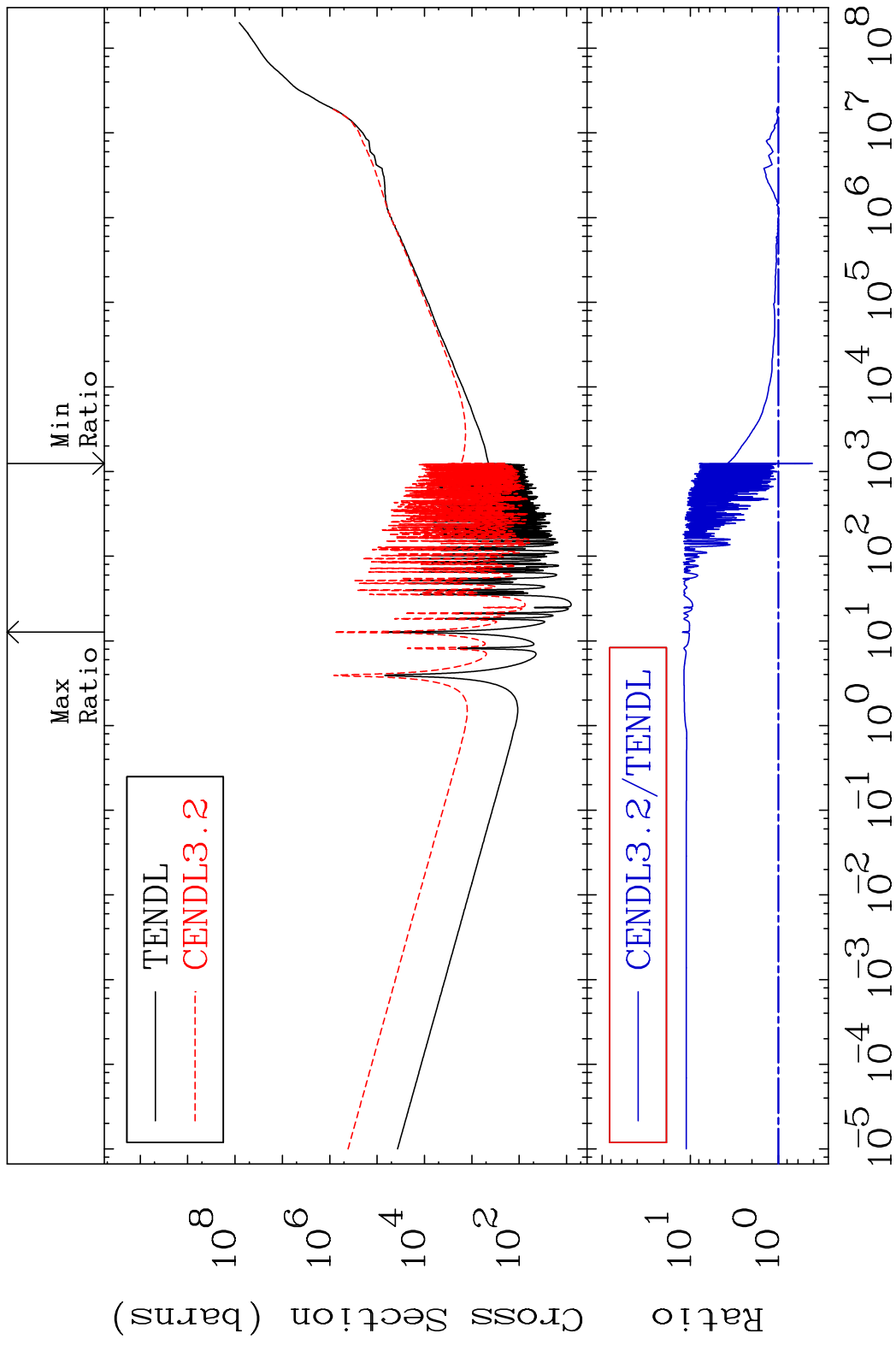


MAT 6725 Total photon (eV-barns) 67-Ho-165
 Cross Section -100.0 To 87.73 %



45 Incident Energy (eV) 67-Ho-165

MAT 6725 Total kinematic kerma (high limit) 67-Ho-165
 Cross Section -58.99 To 1130. %

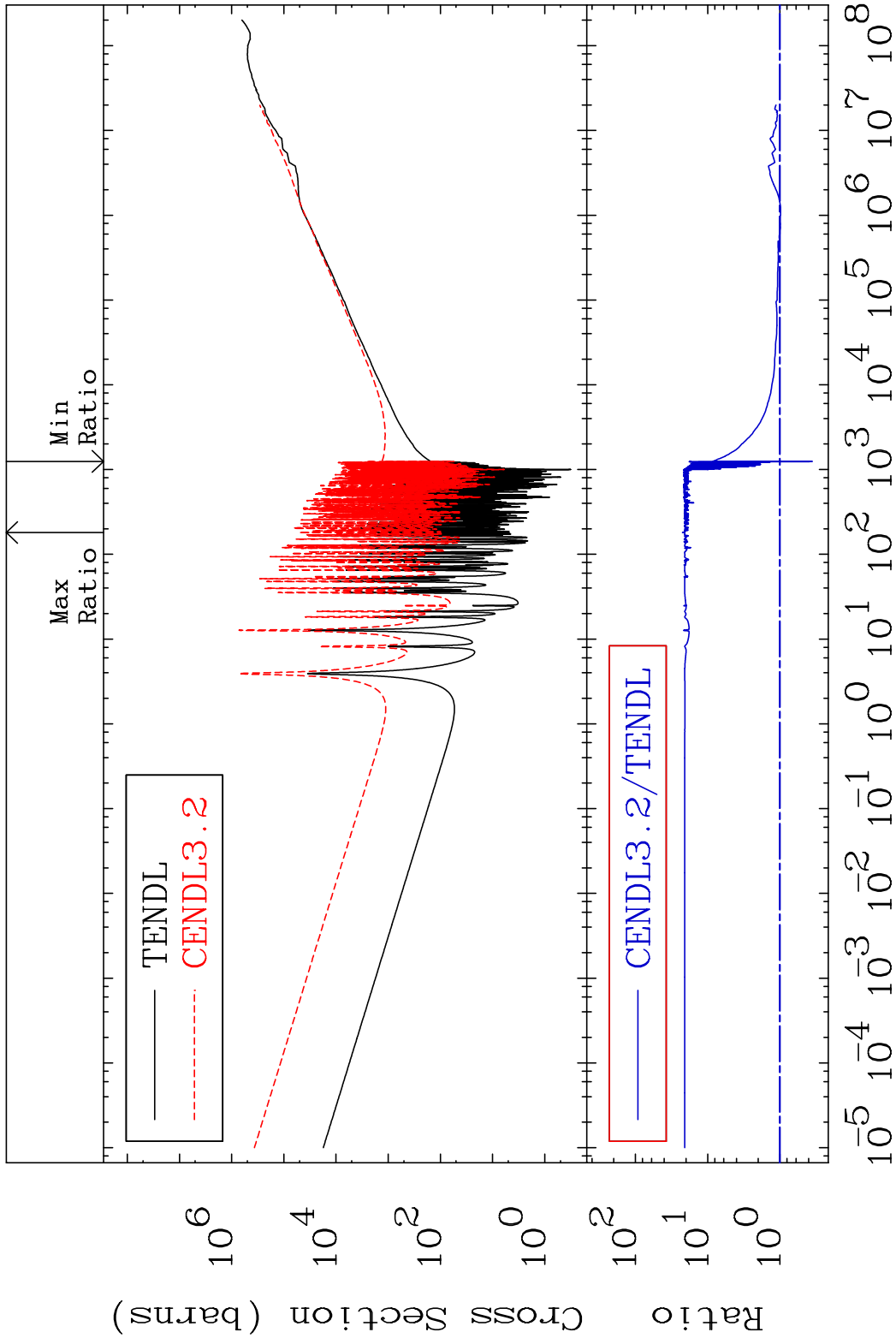


MAT 6725

Dpa total (eV-barns)

67-Ho-165

Cross Section -64.51 To 2160. %



47

Incident Energy (eV)

67-Ho-165

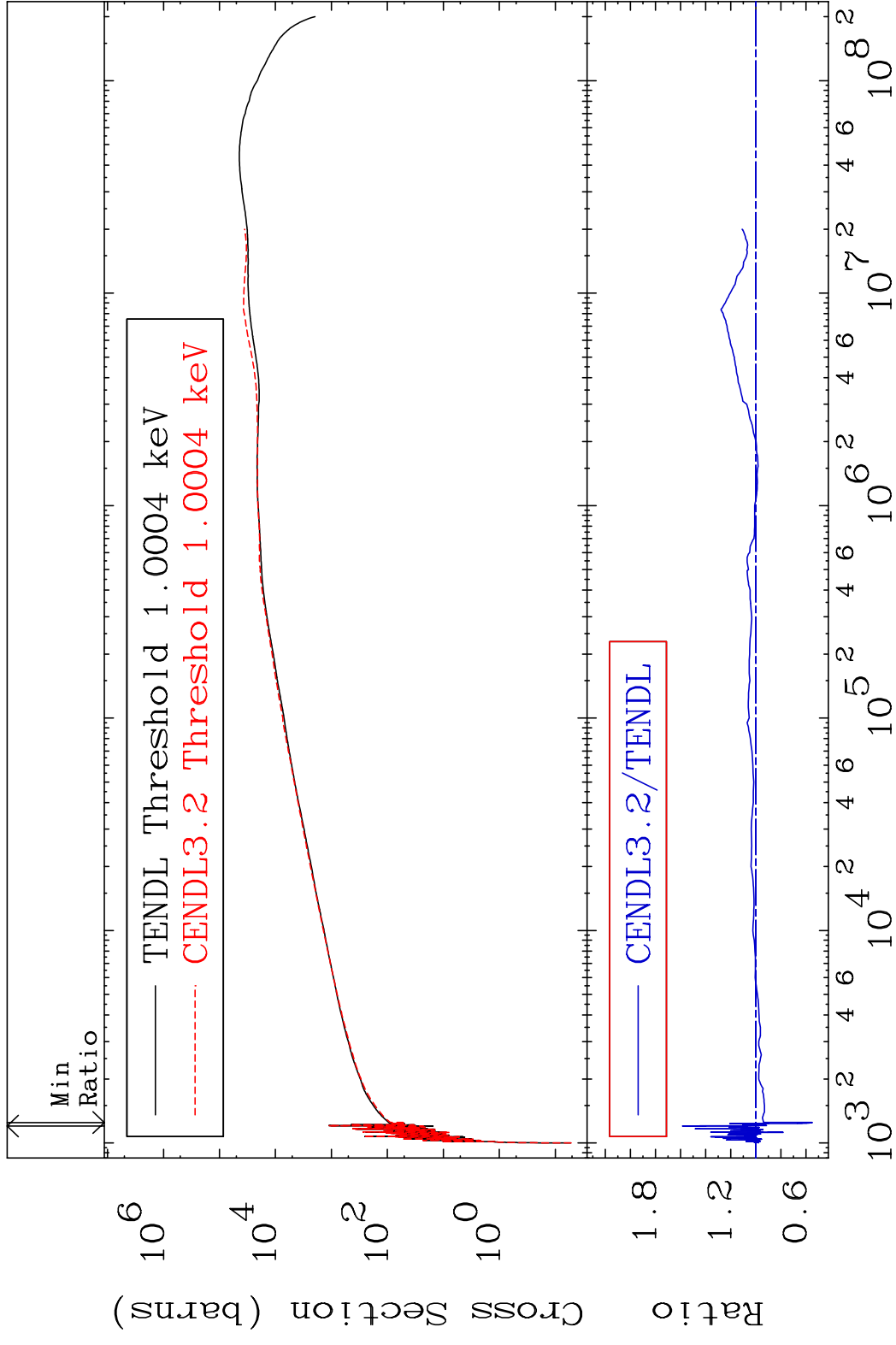
MAT 6725

Dpa elastic (mt2)

67-Ho-165

Cross Section

-45.23 To 58.57 %

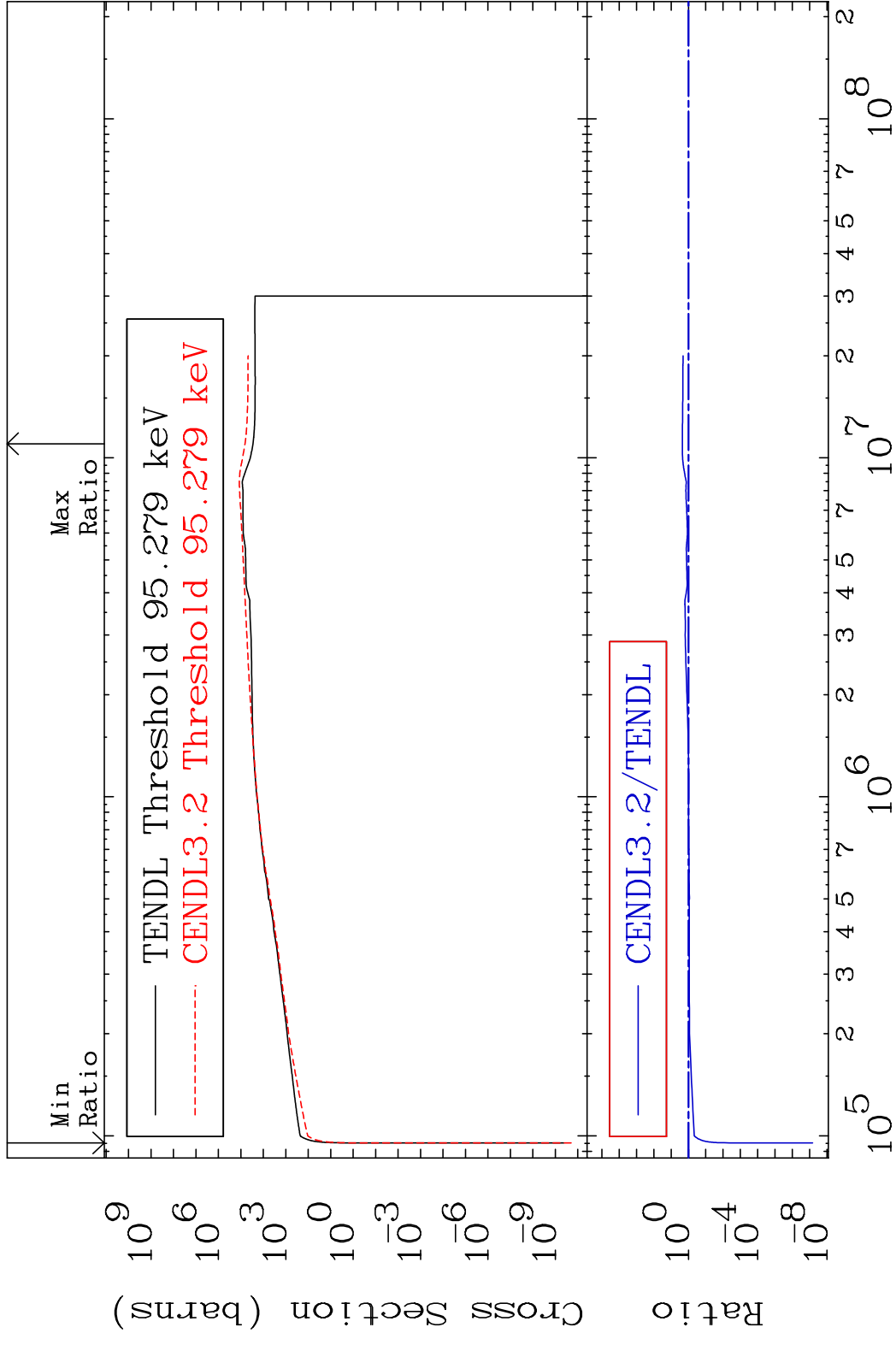


48

Incident Energy (eV)

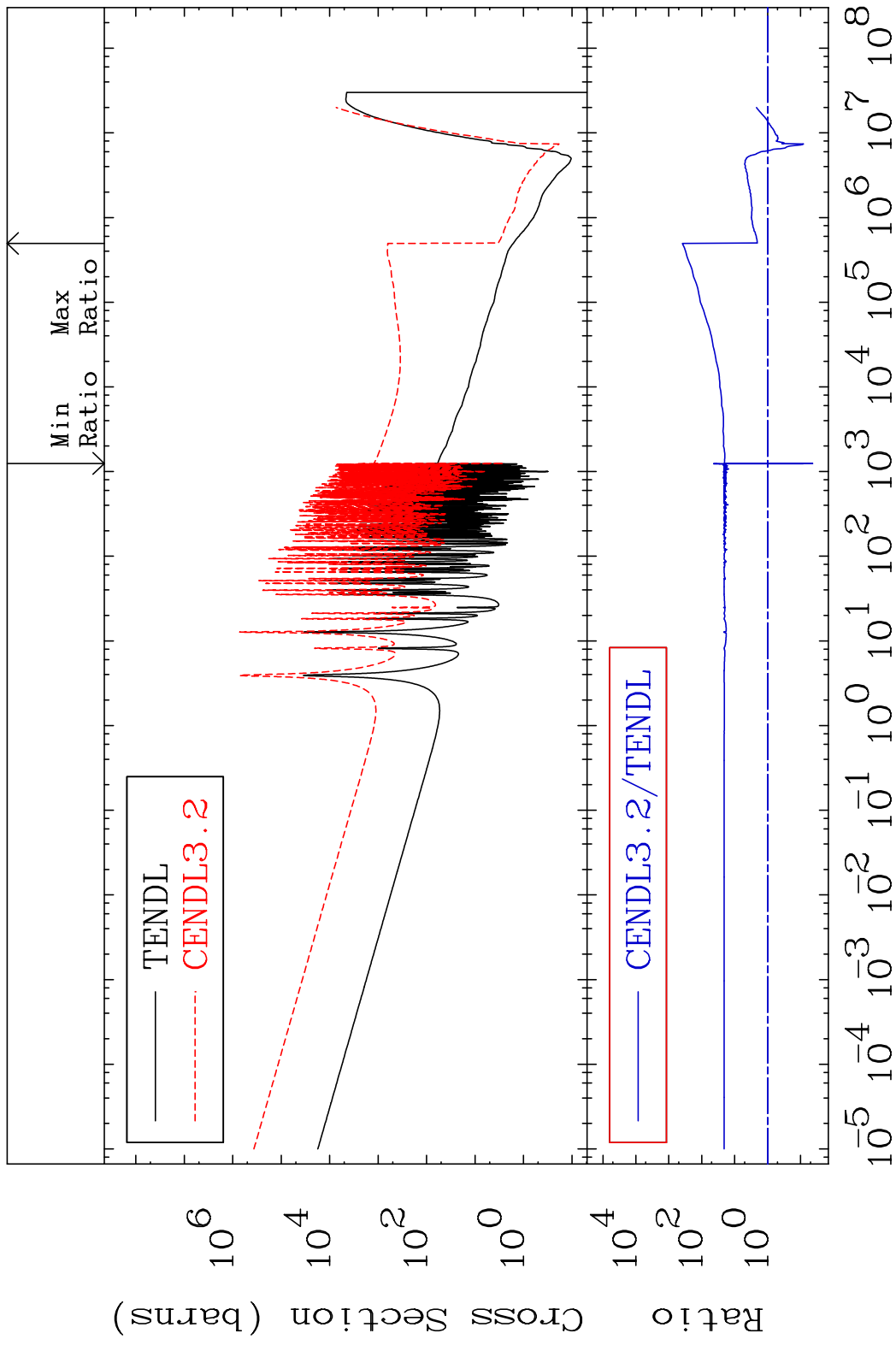
67-Ho-165

MAT 6725 Dpa inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 124.6 %

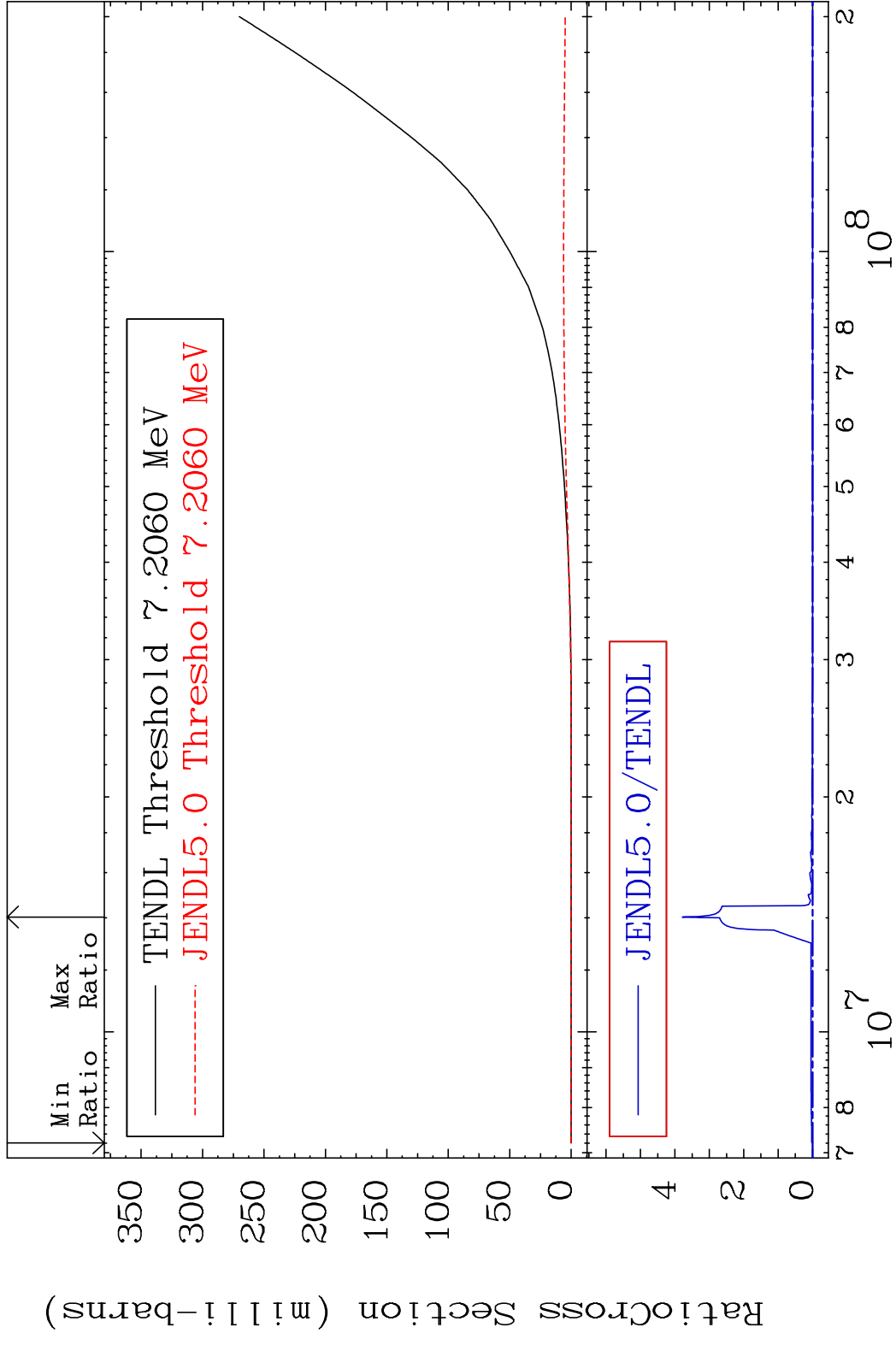


49 Incident Energy (eV) 67-Ho-165

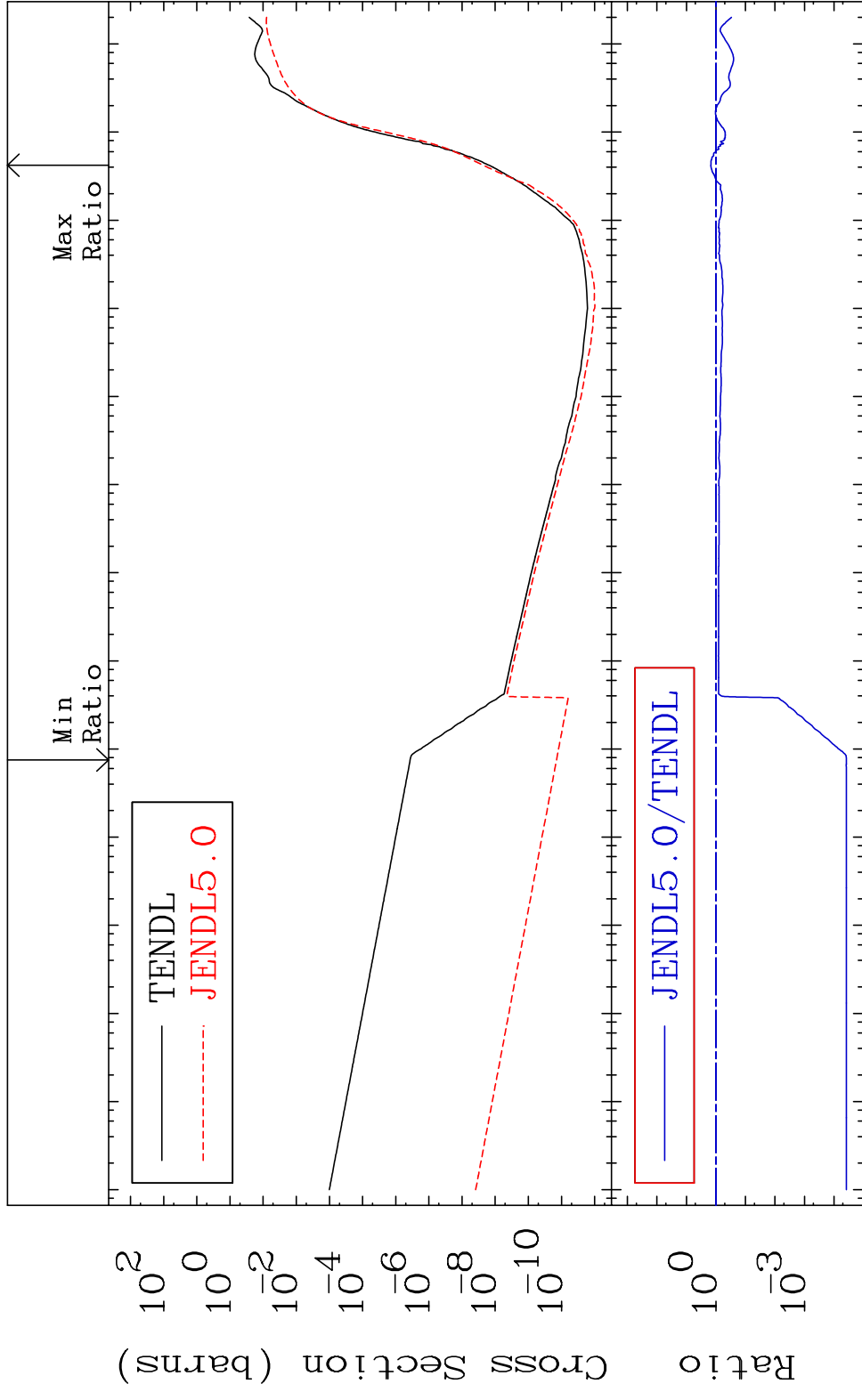
MAT 6725 Dpa disappearance (mt102 -120) 67-Ho-165
 Cross Section -95.67 To 9999. %



MAT 6725 He-3 Production 67-Ho-165
 Cross Section -100.0 To 9999. %

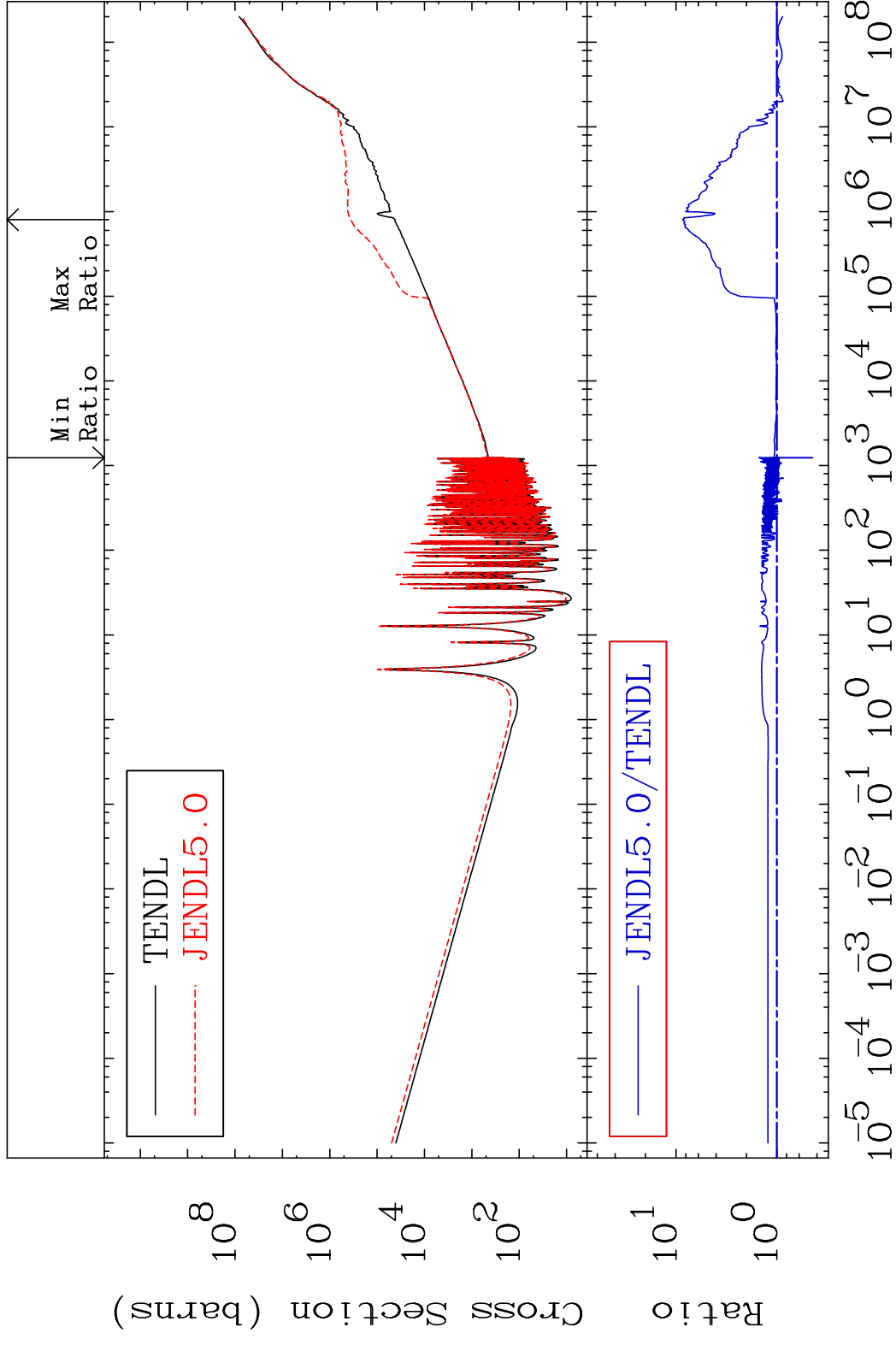


MAT 6725 He-4 Production 67-Ho-165
 Cross Section -100.0 To 50.55 %



52 Incident Energy (eV) 67-Ho-165

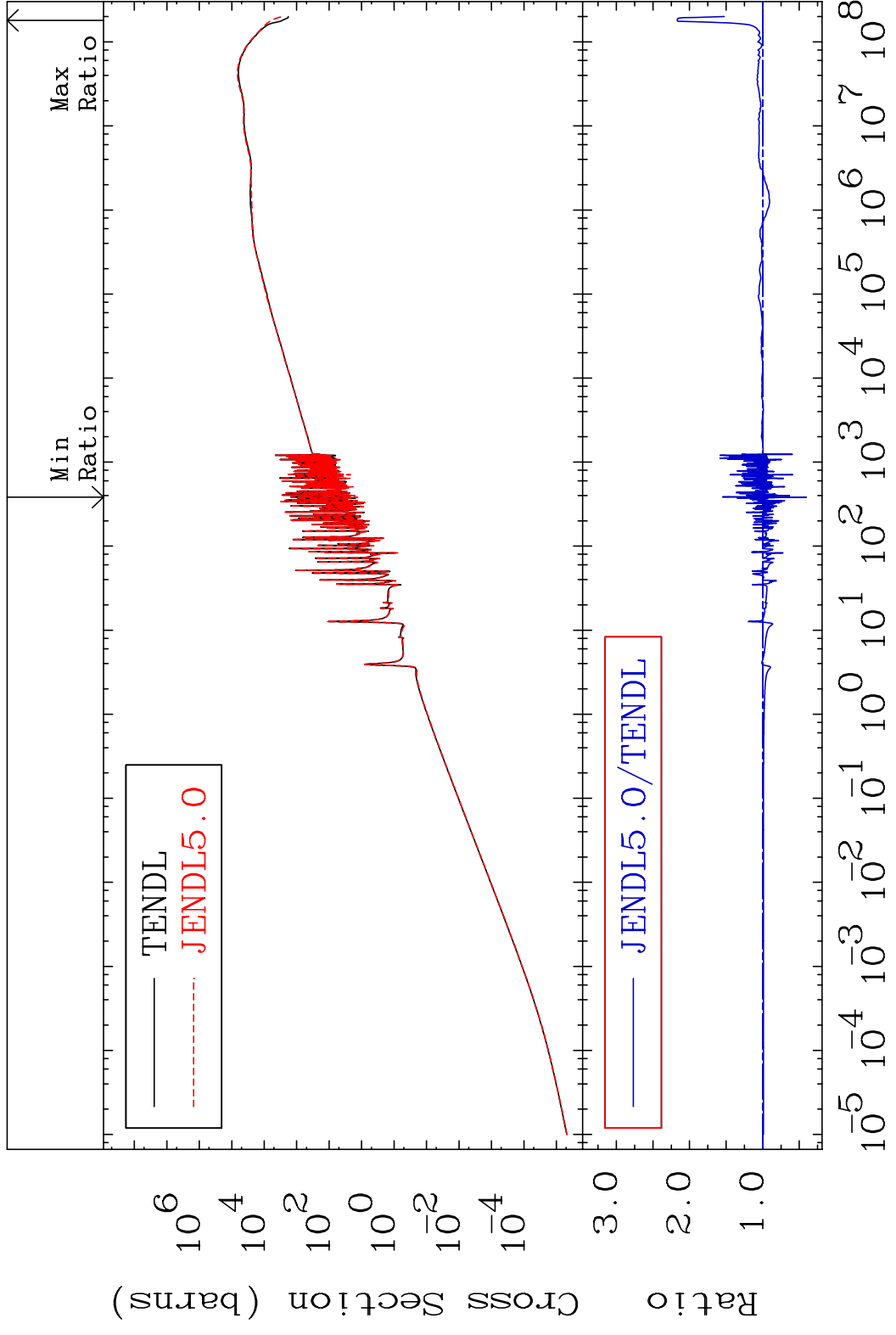
MAT 6725 Kerma total (eV-barns) 67-Ho-165
 Cross Section -55.75 To 763.5 %



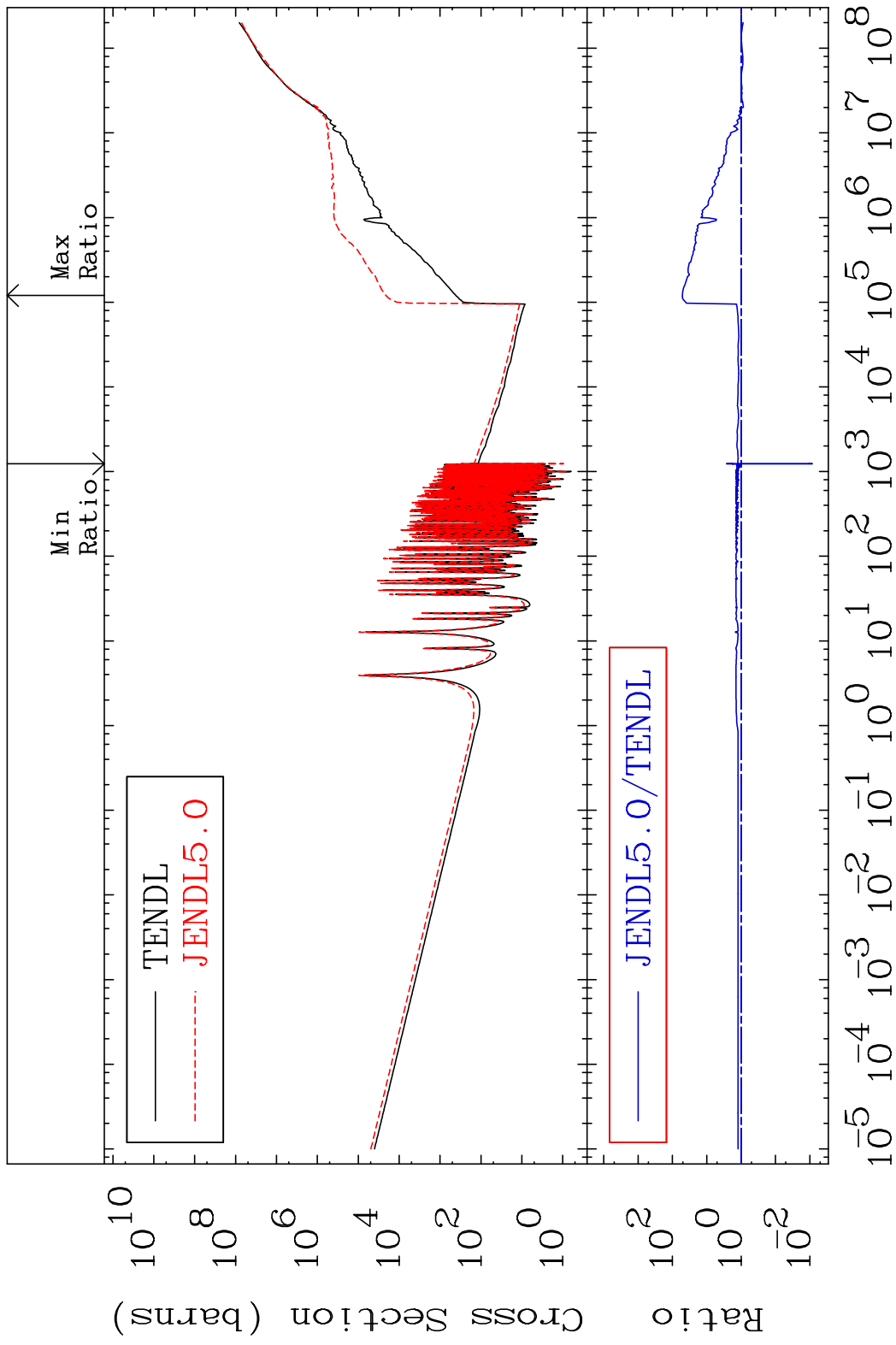
MAT 6725

Kerma elastic
Cross Section

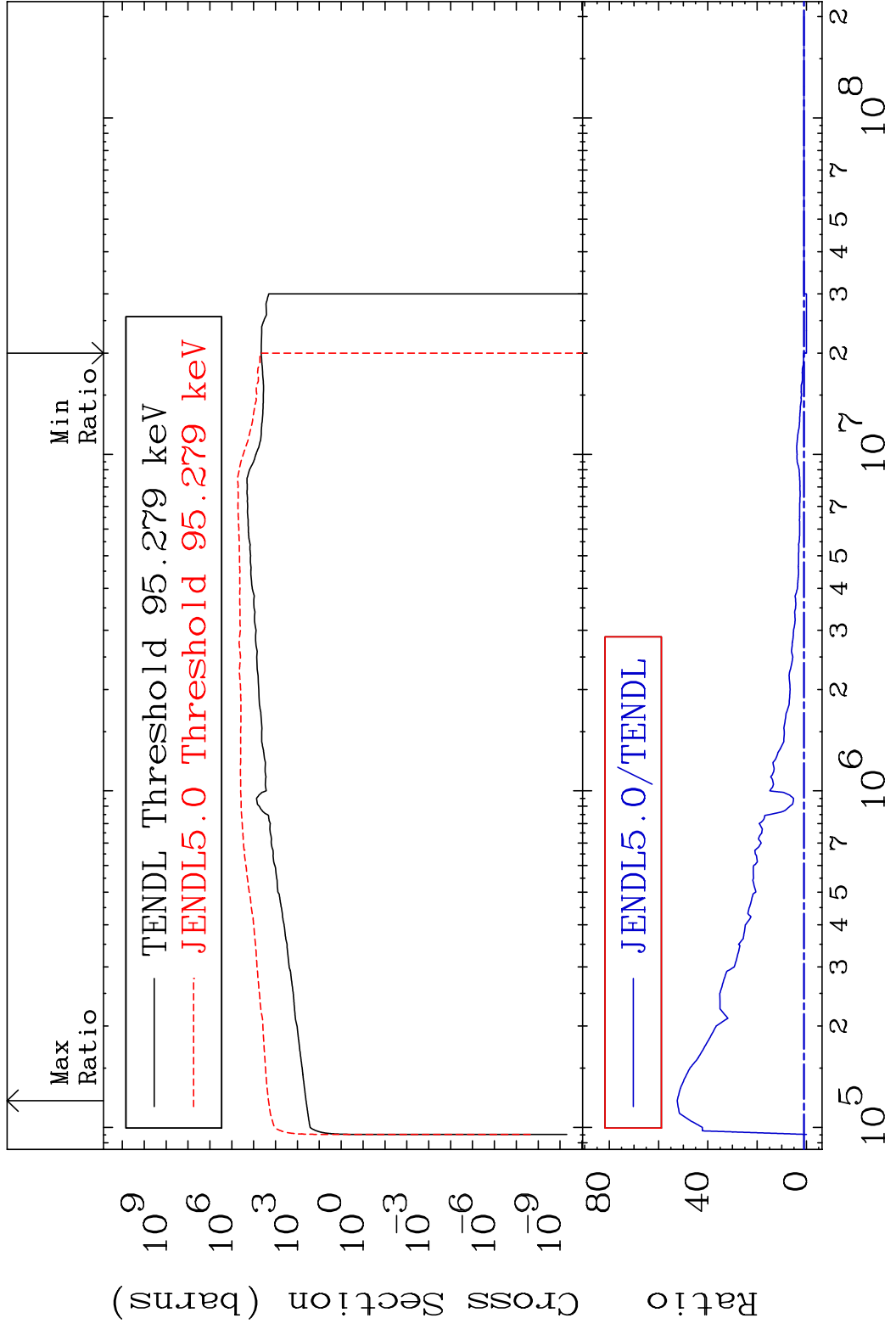
67-Ho-165
-59.72 To 116.9 %



MAT 6725 Kerma non-elastic (all but mt2) 67-Ho-165
 Cross Section -99.17 To 5051. %

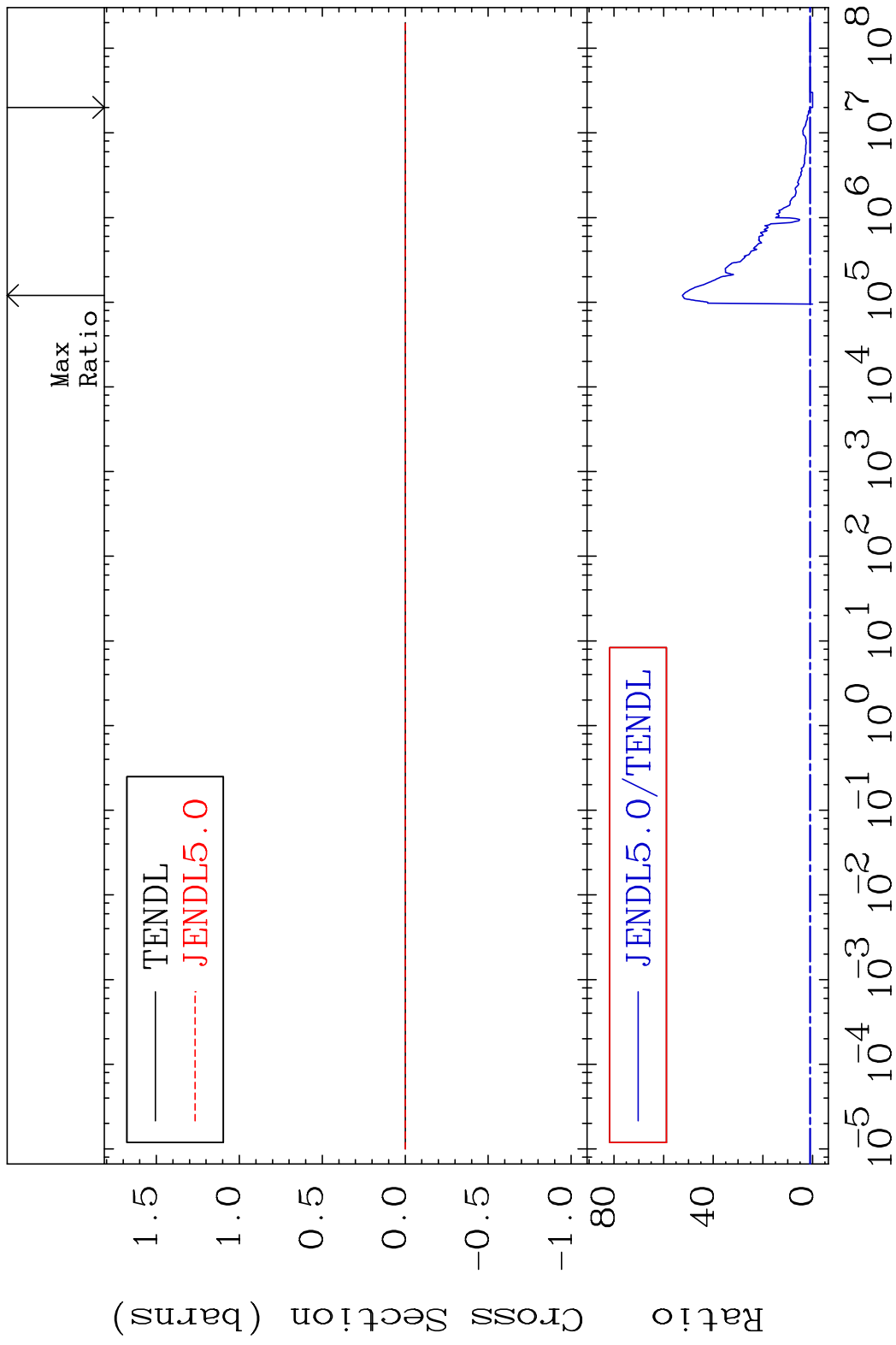


MAT 6725 Kerma inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 5145. %

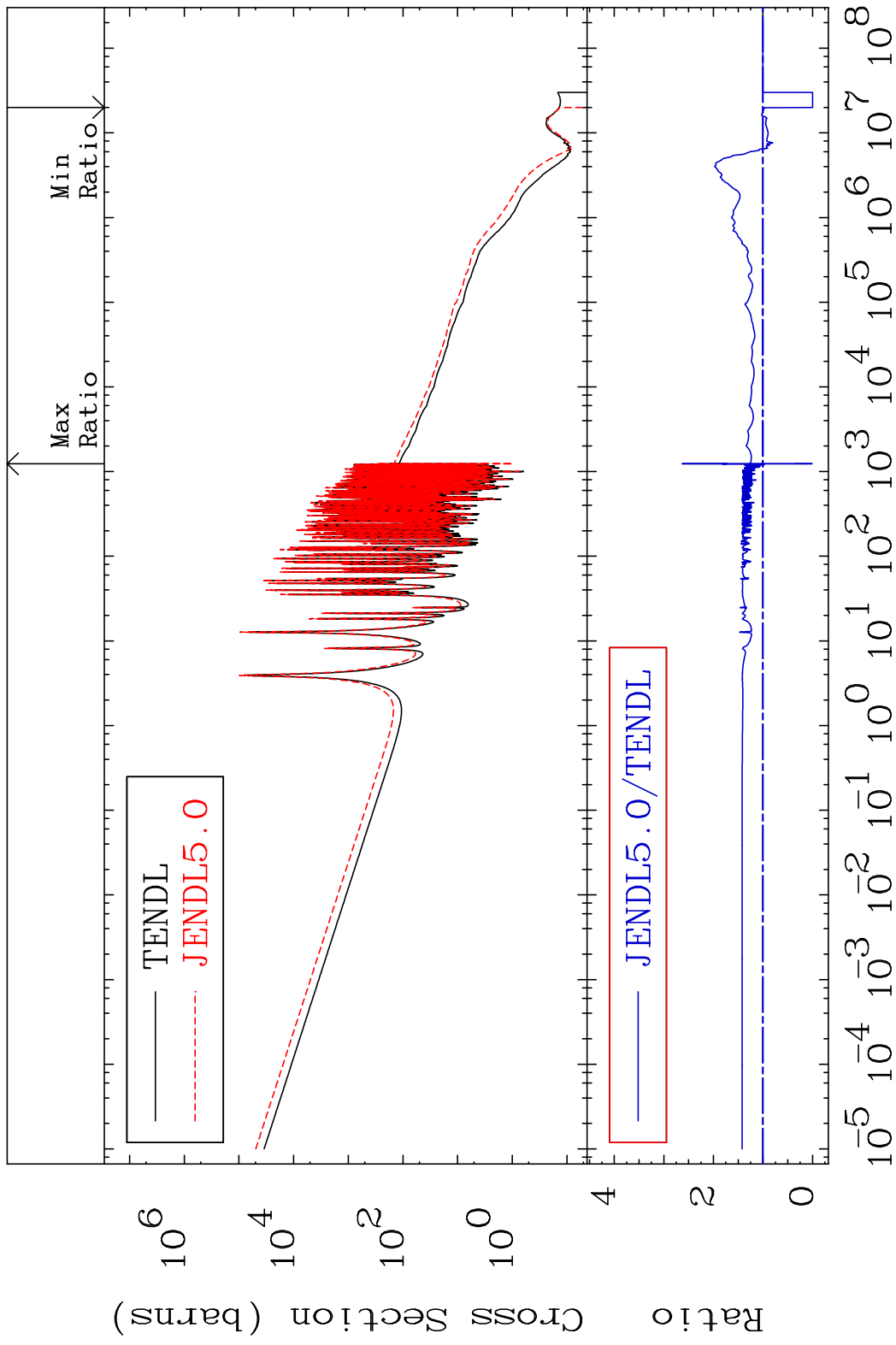


56 Incident Energy (eV) 67-Ho-165

MAT 6725 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-165
 Cross Section -100.0 To 5145. %

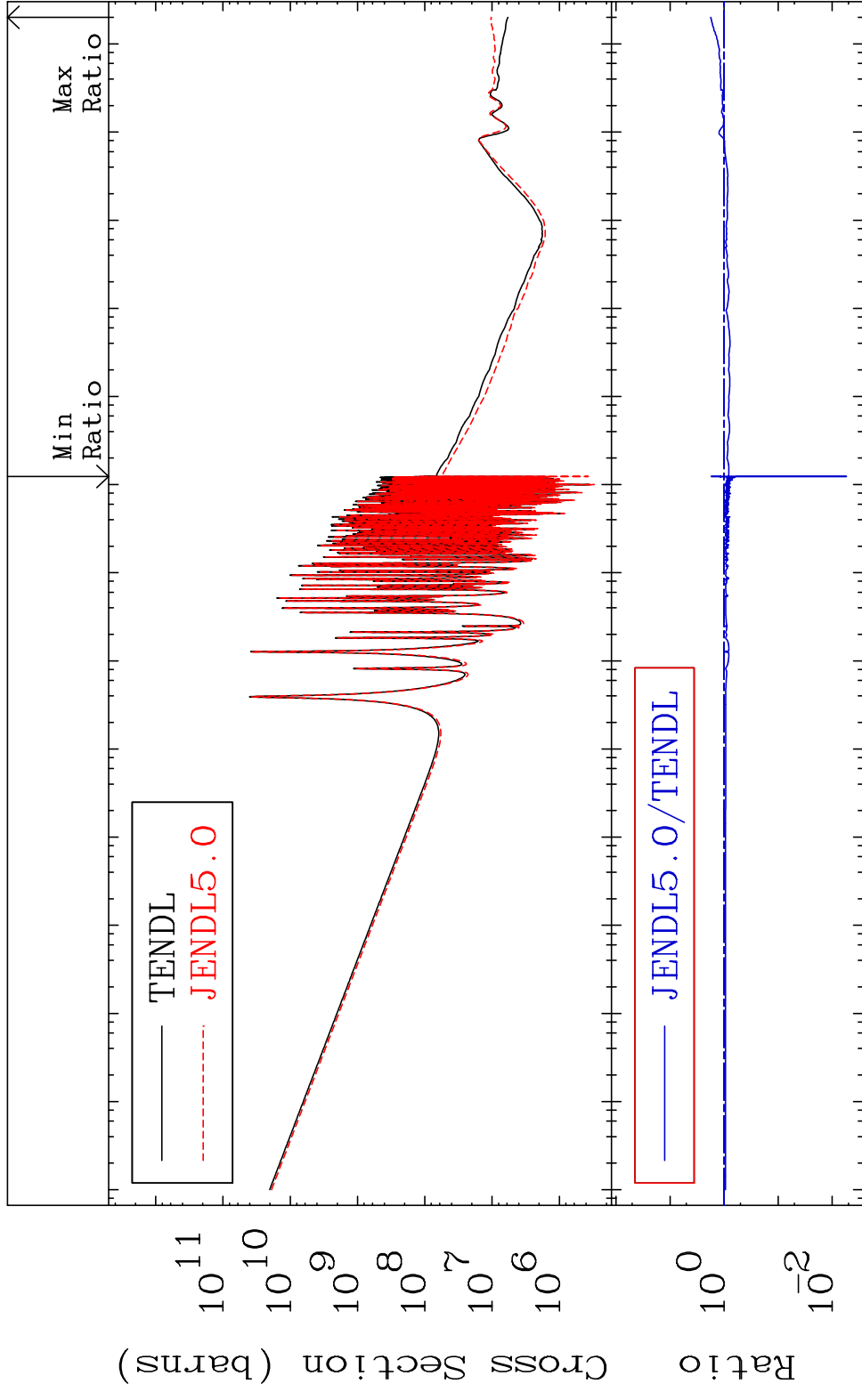


MAT 6725 Kerma capture (mt102) 67-Ho-165
 Cross Section -100.0 To 162.7 %



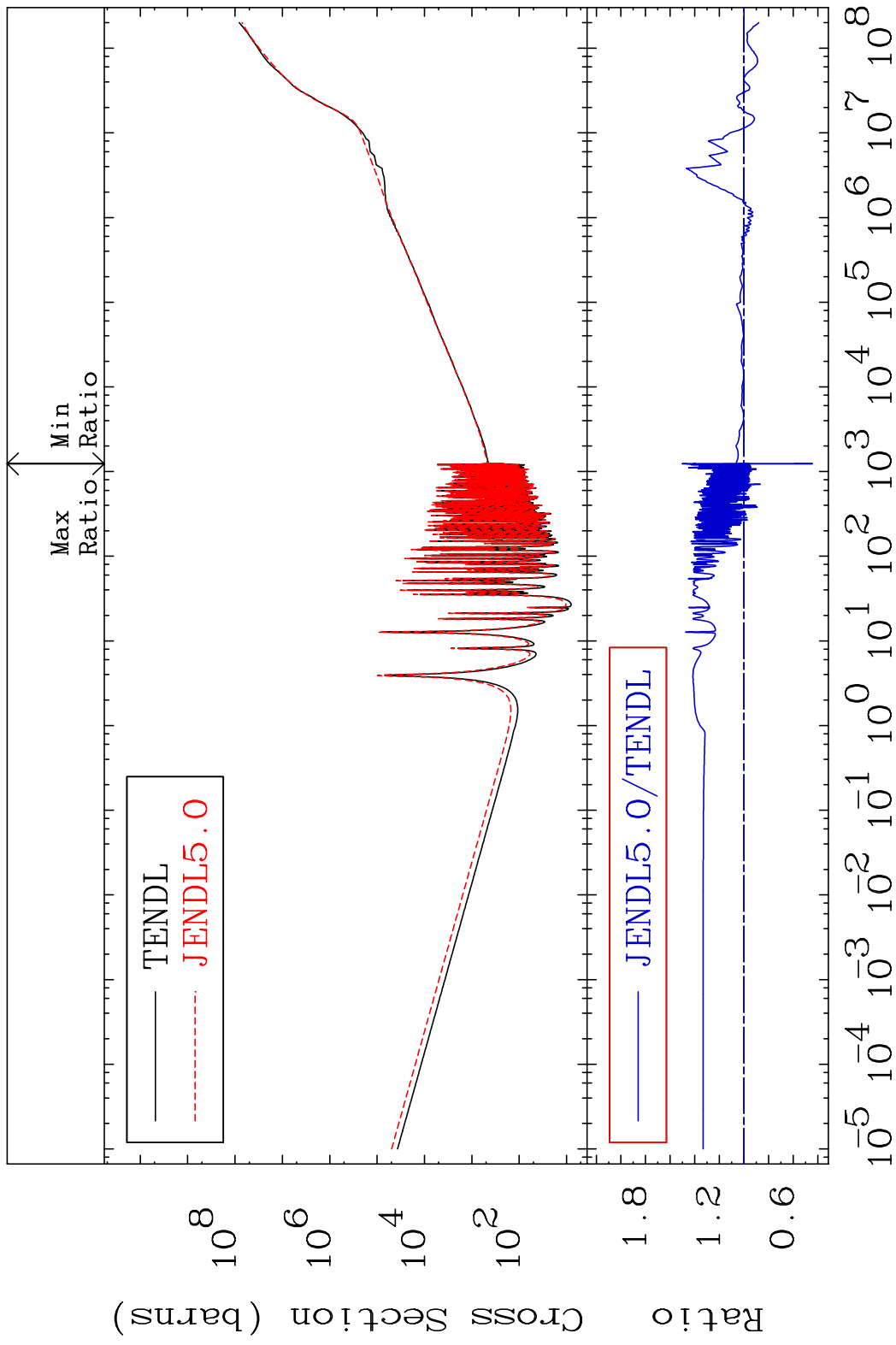
67-Ho-165

MAT 6725 Total photon (eV-barns) 67-Ho-165
 Cross Section -99.45 To 76.74 %



59 Incident Energy (eV) 67-Ho-165

MAT 6725 Total kinematic kerma (high limit) 67-Ho-165
Cross Section -55.75 To 50.07 %



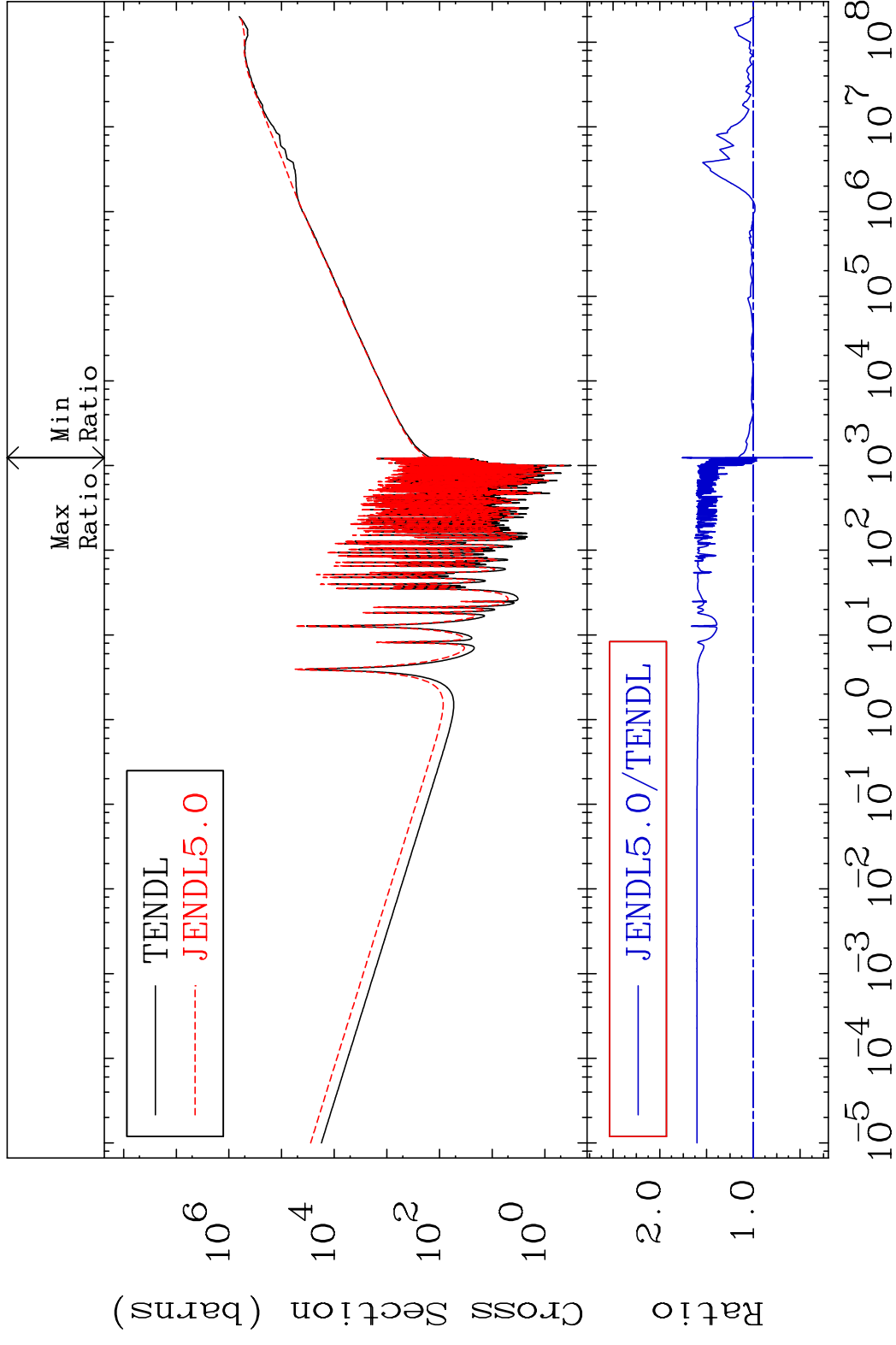
60 Incident Energy (eV) 67-Ho-165

MAT 6725

Dpa total (eV-barns)

67-Ho-165

Cross Section -63.28 To 75.90 %



61

Incident Energy (eV)

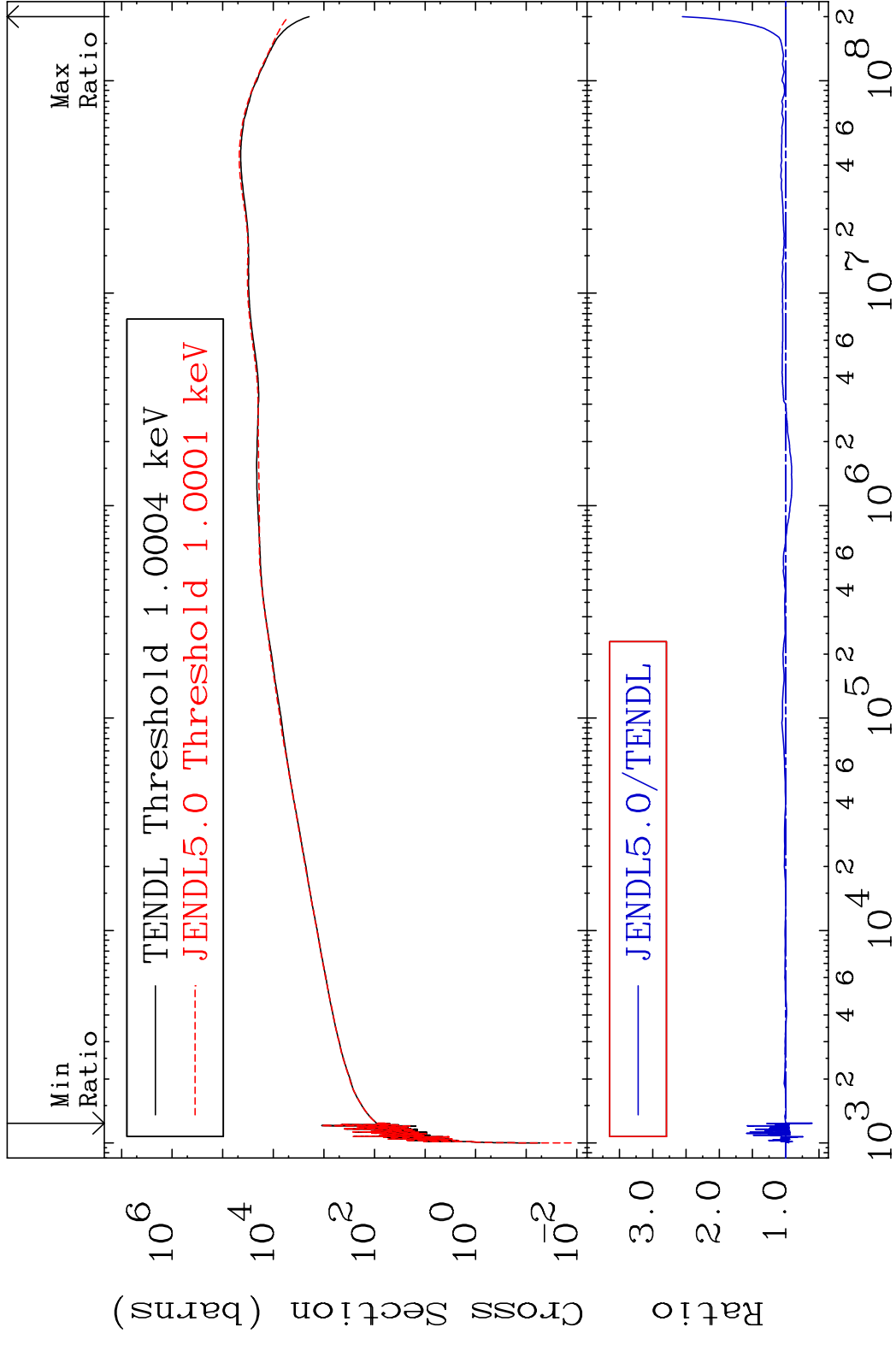
67-Ho-165

MAT 6725

Dpa elastic (mt2)

67-Ho-165

Cross Section -40.25 To 155.4 %

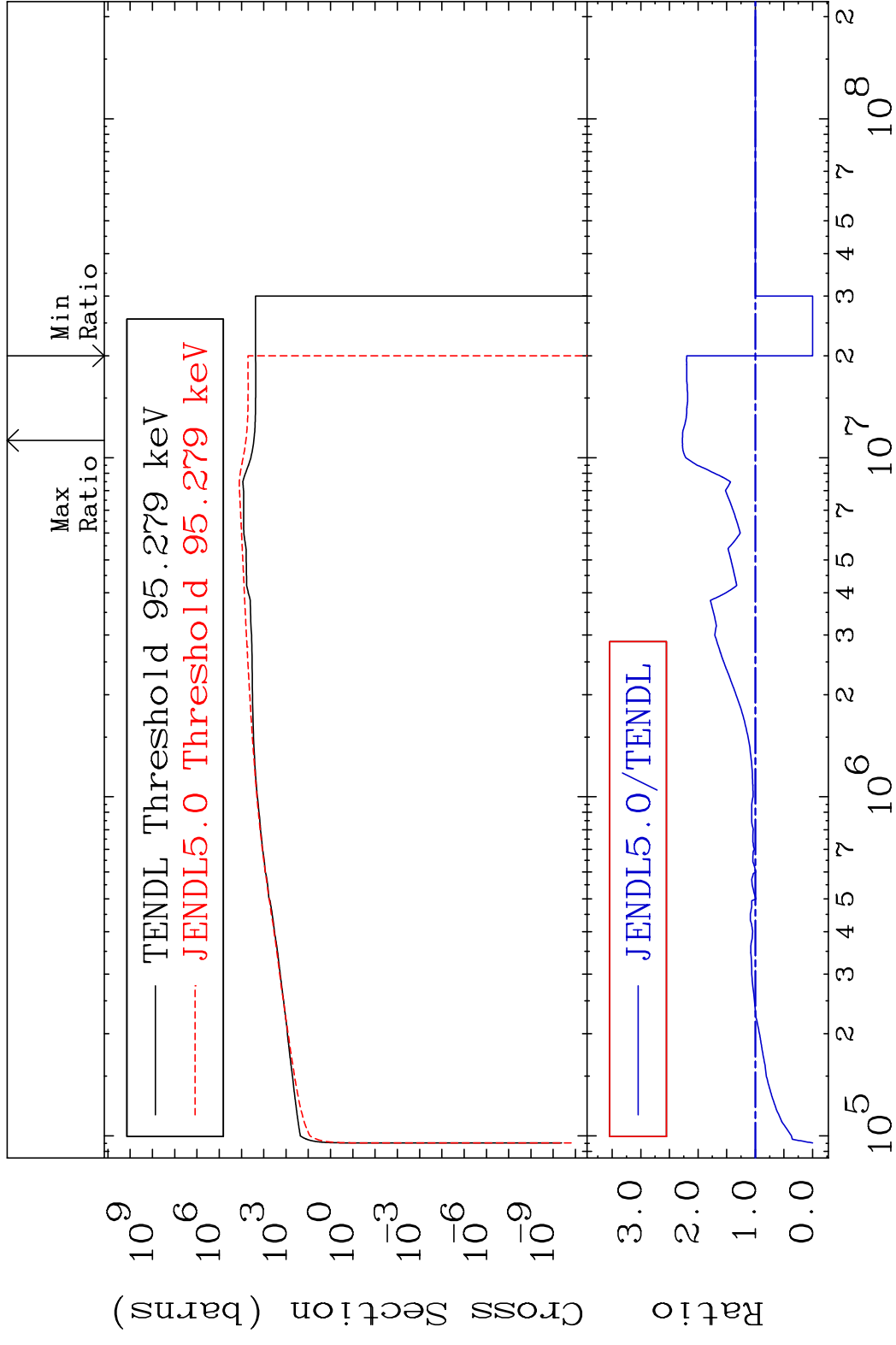


62

Incident Energy (eV)

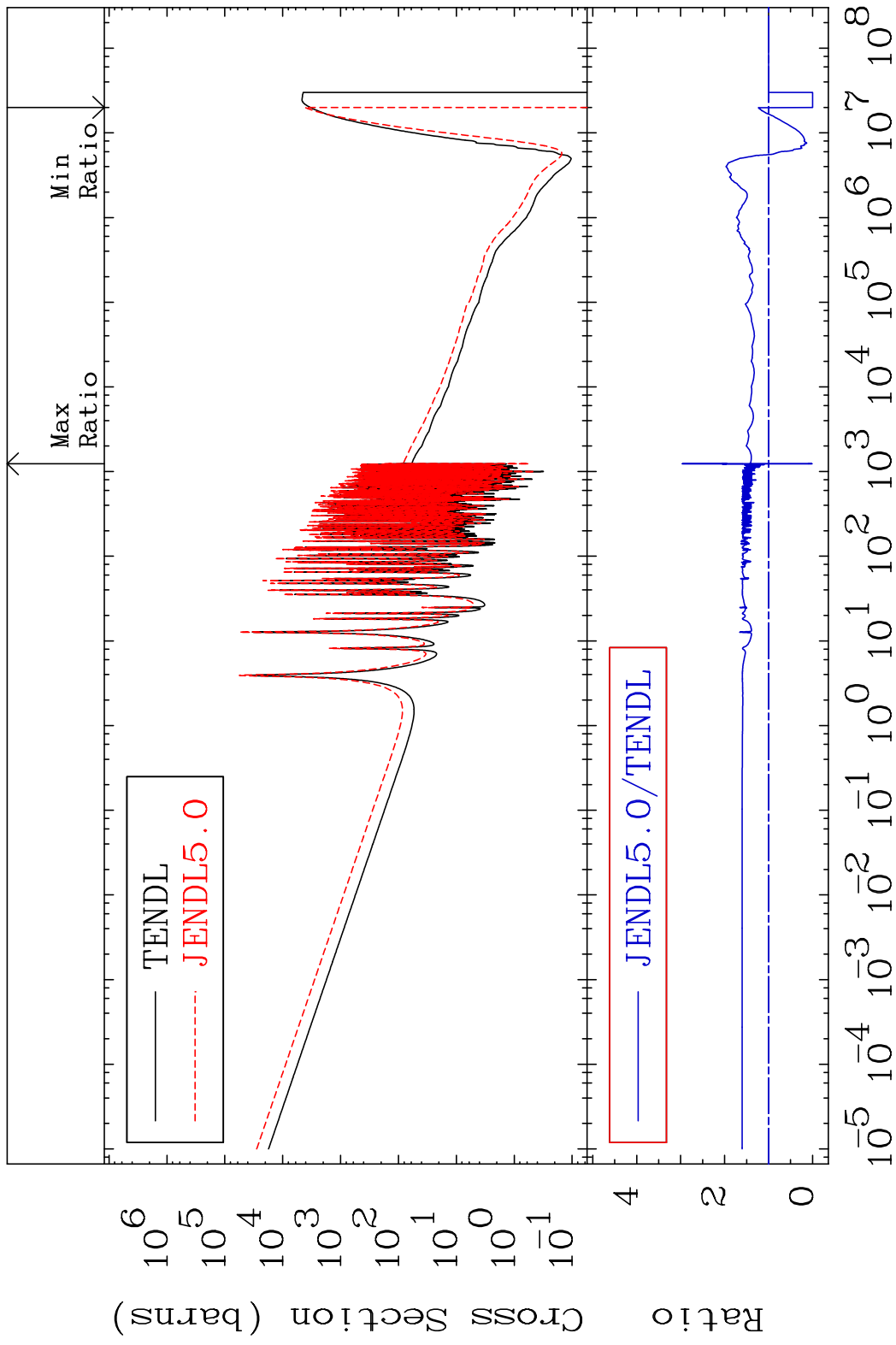
67-Ho-165

MAT 6725 Dpa inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 127.4 %

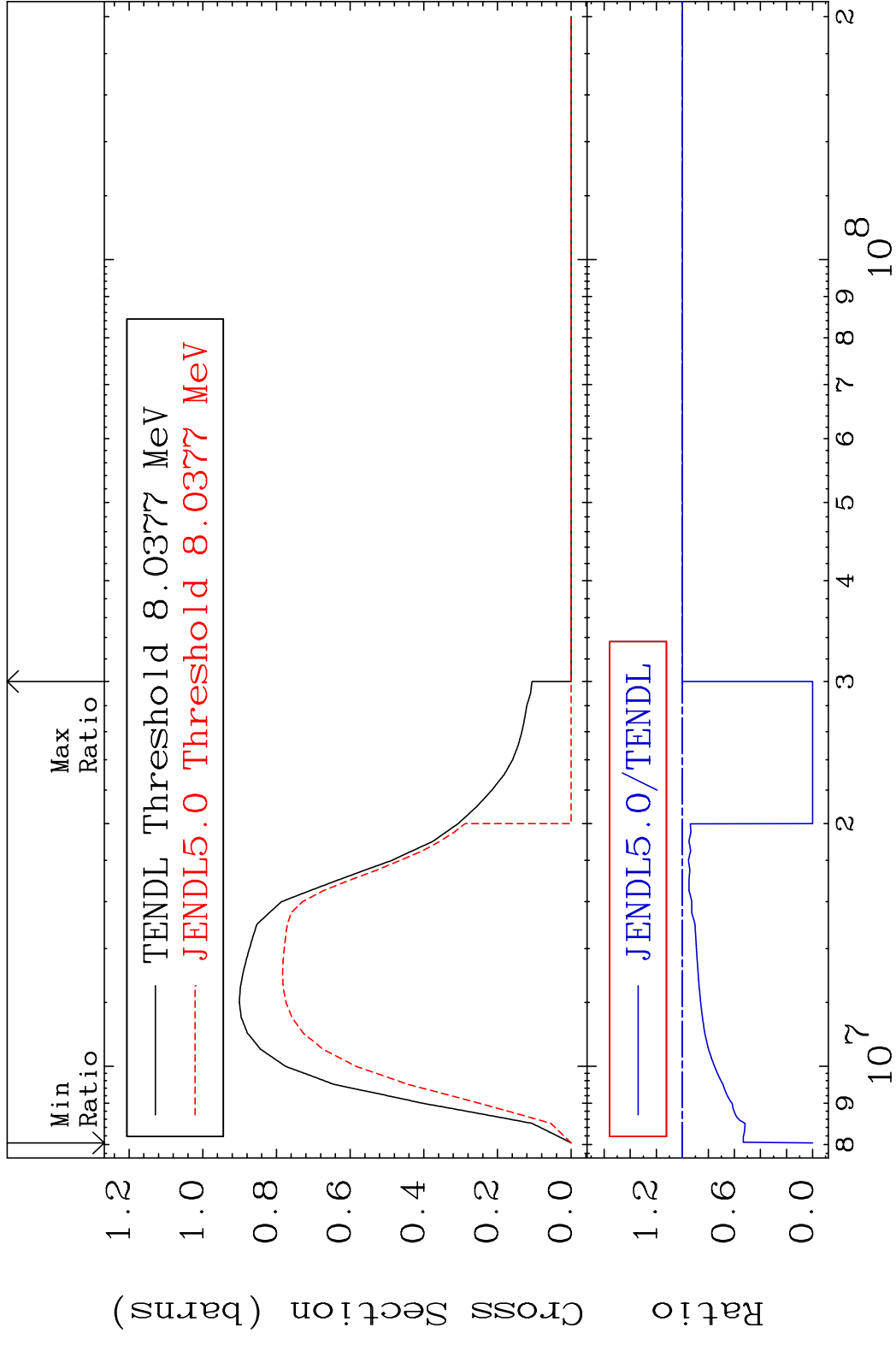


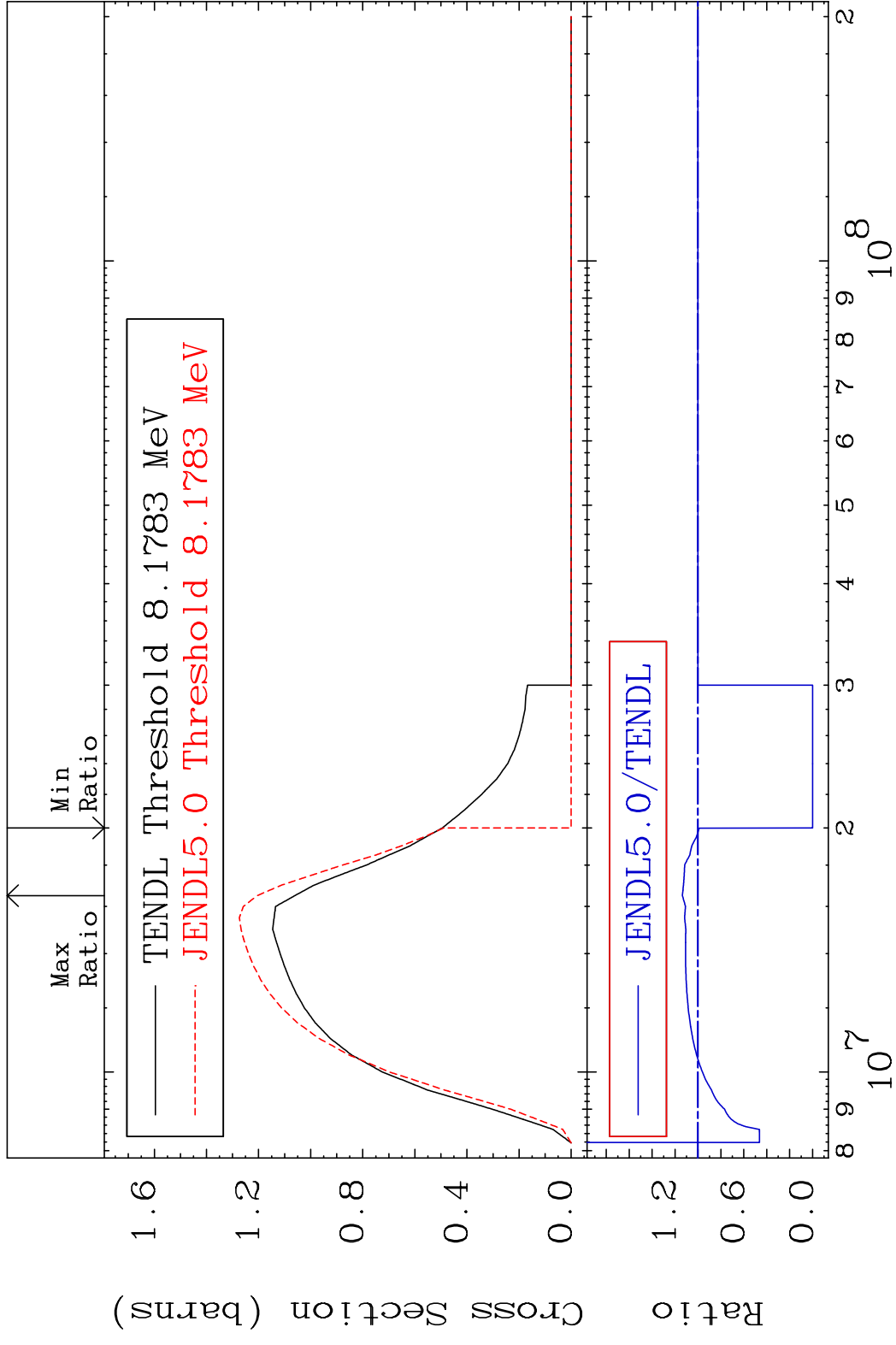
63 Incident Energy (eV) 67-Ho-165

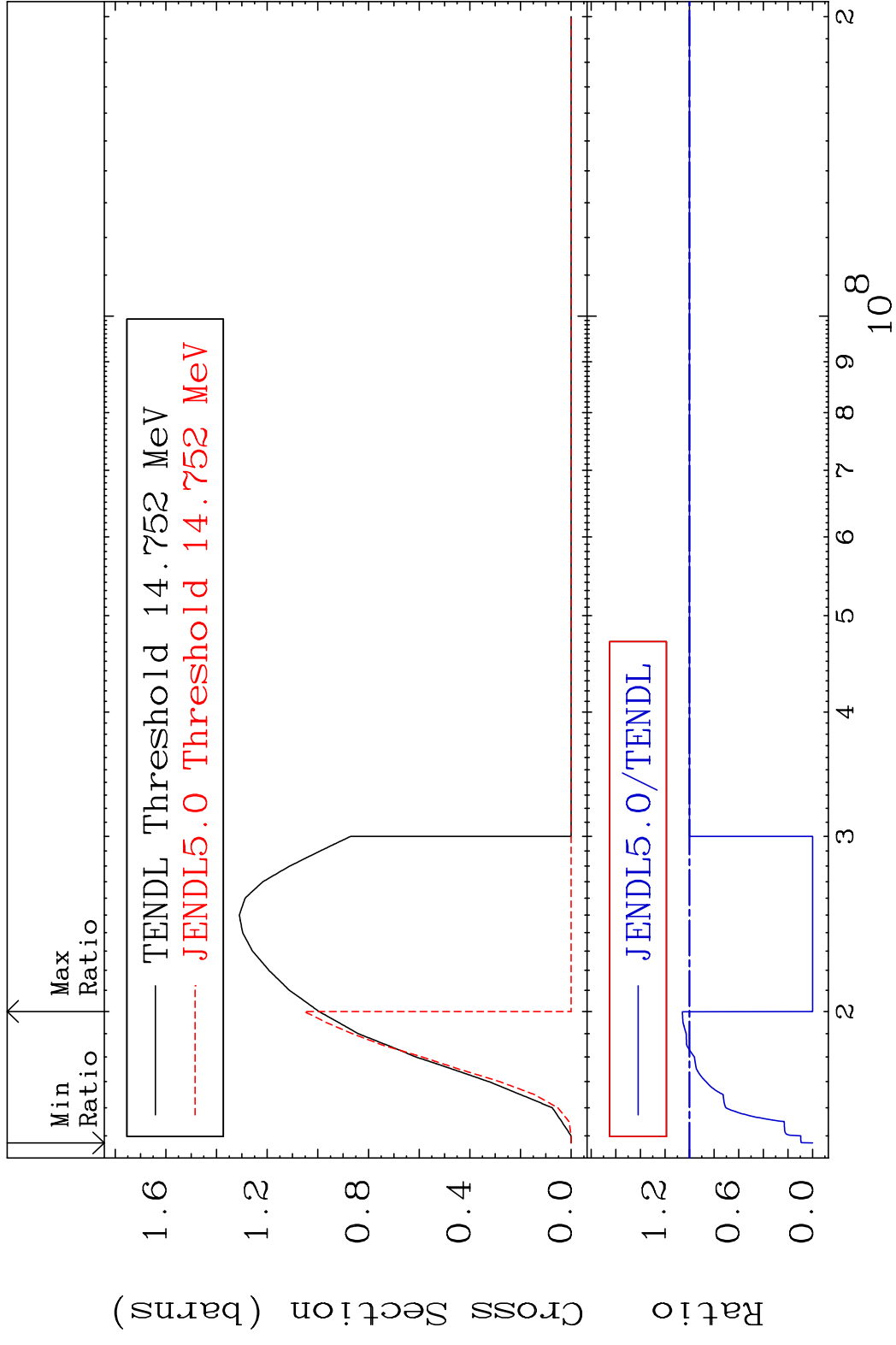
MAT 6725 Dpa disappearance (mt102 -120) 67-Ho-165
 Cross Section -100.0 To 196.2 %

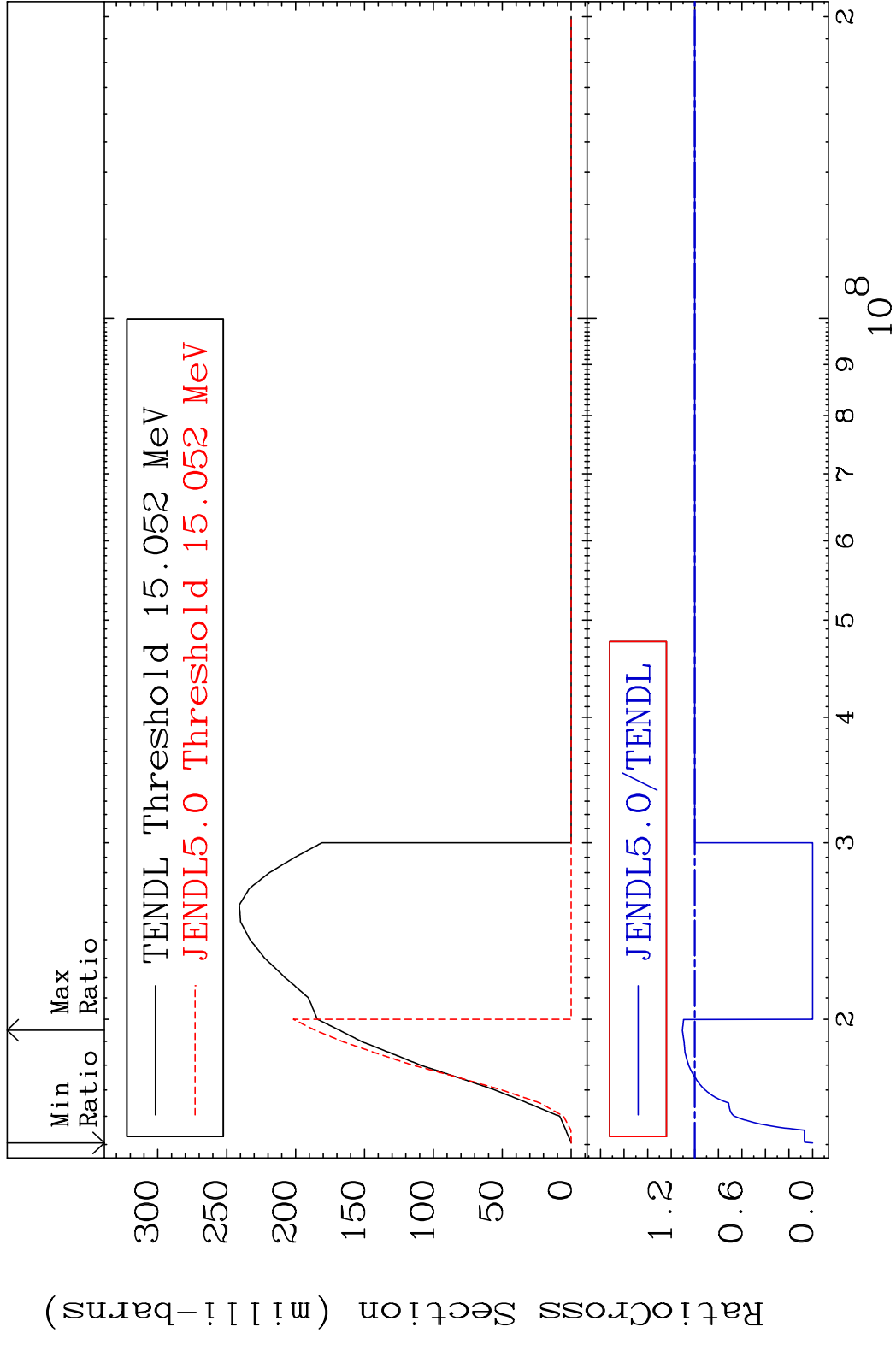


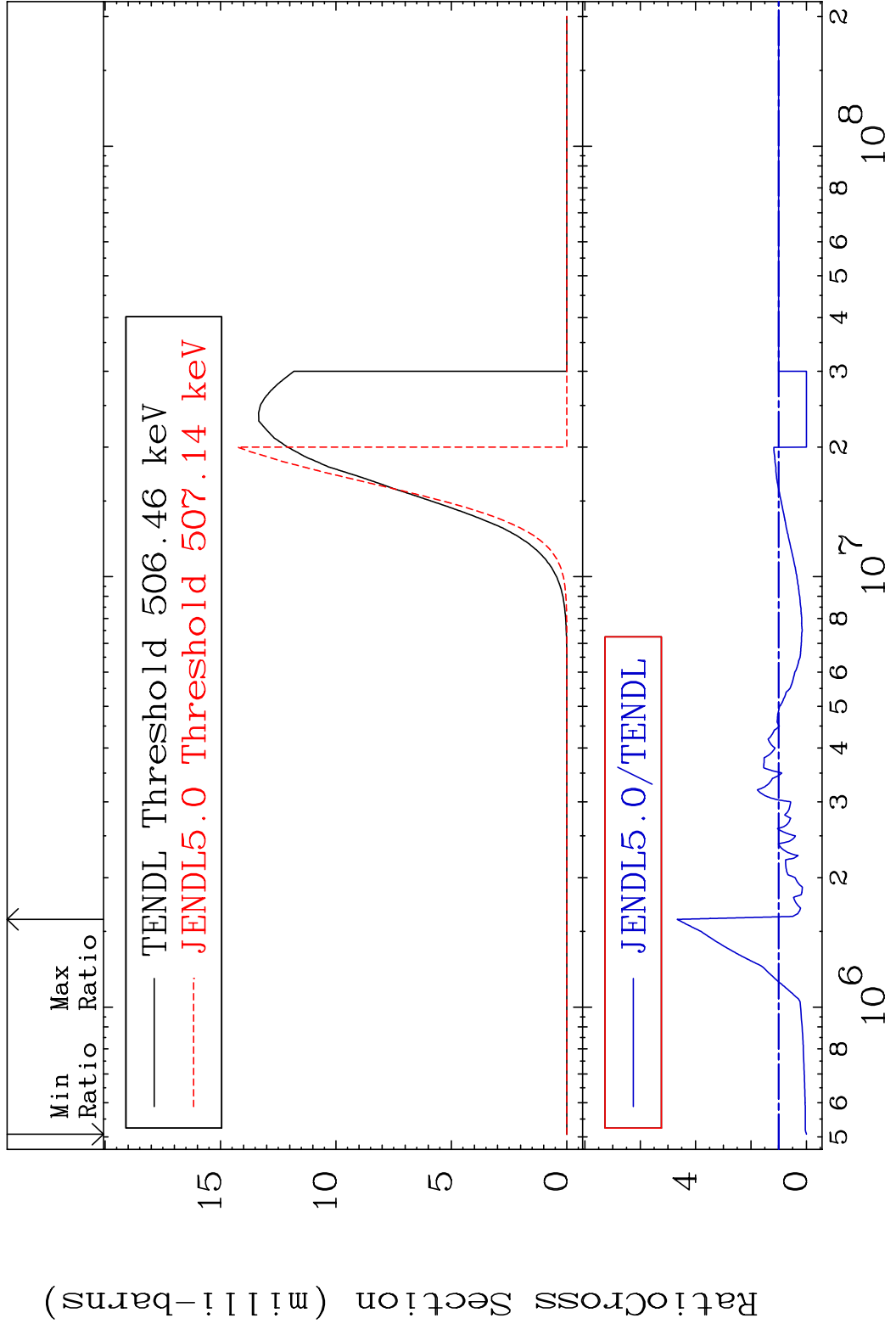
MAT 6725 (n,2n):67-Ho-164g 67-Ho-165
 Radionuclide Production Cross Section 180.01 dth 0.000 %



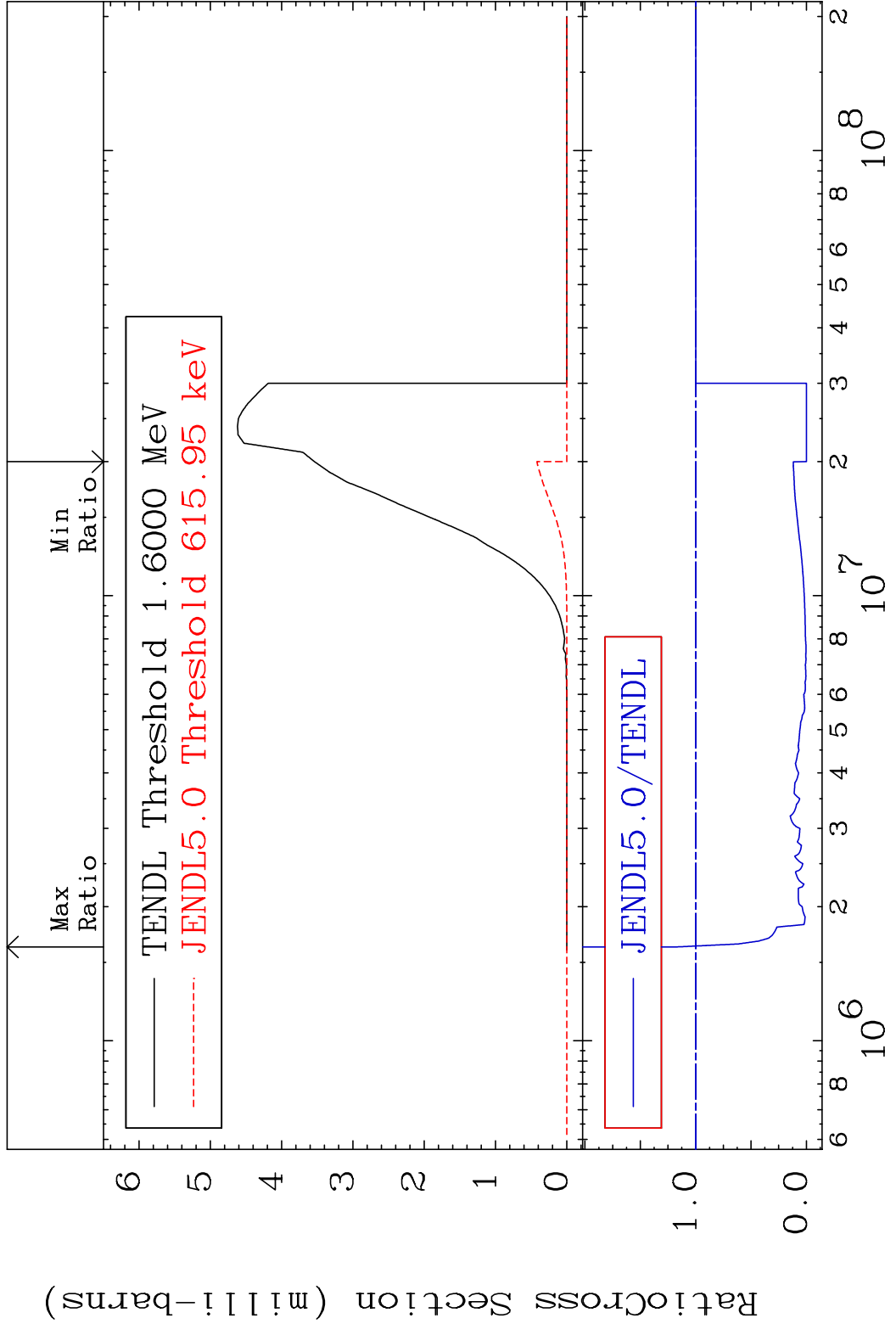








MAT 6725 (n, p) : 66-Dy-165m2 67-Ho-165
 Radionuclide Production Cross Section 16.71 %



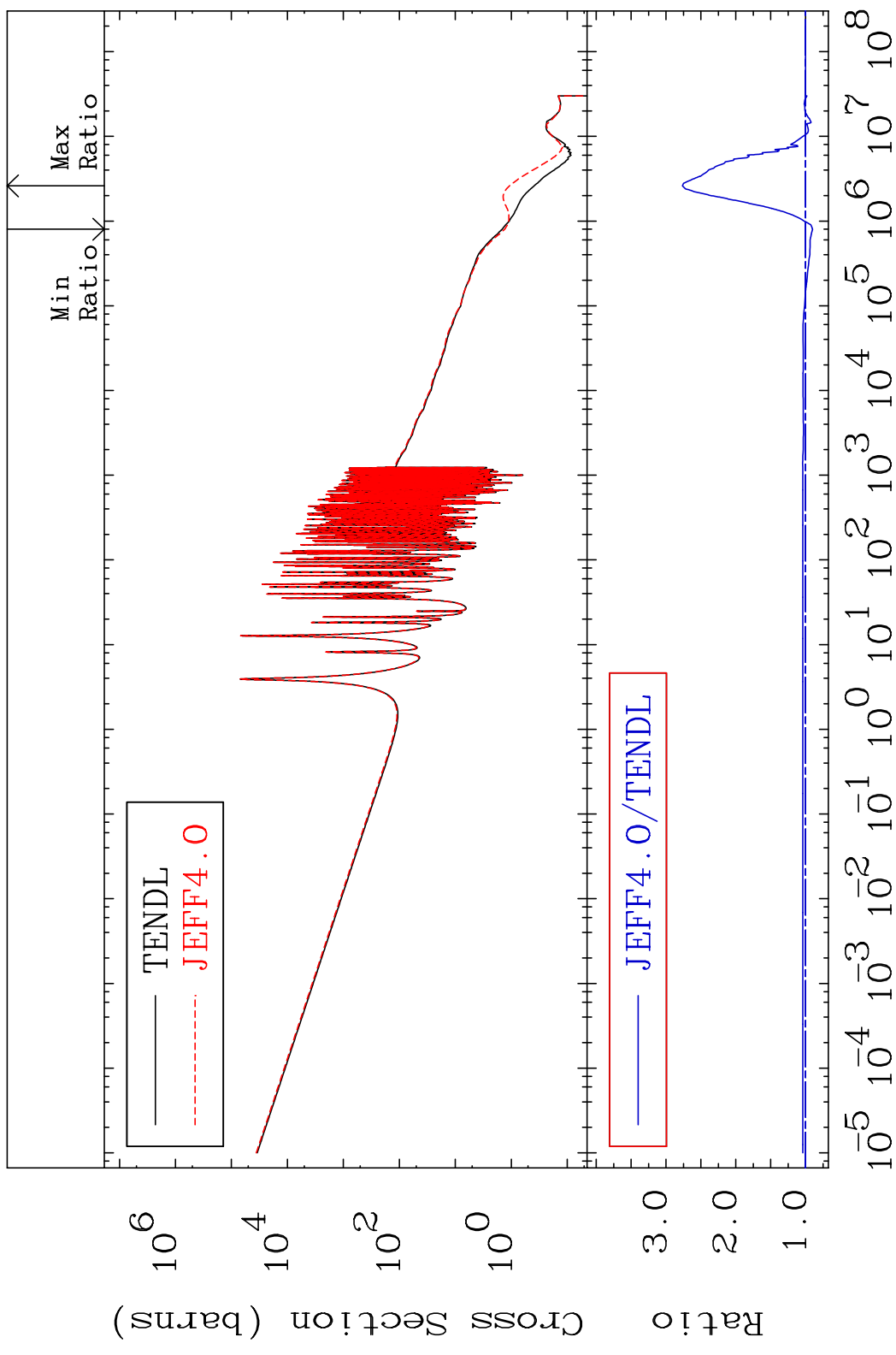
70 Incident Energy (eV) 67-Ho-165

MAT 6725

Kerma capture (mt102)

67-Ho-165

Cross Section -9.969 To 176.6 %

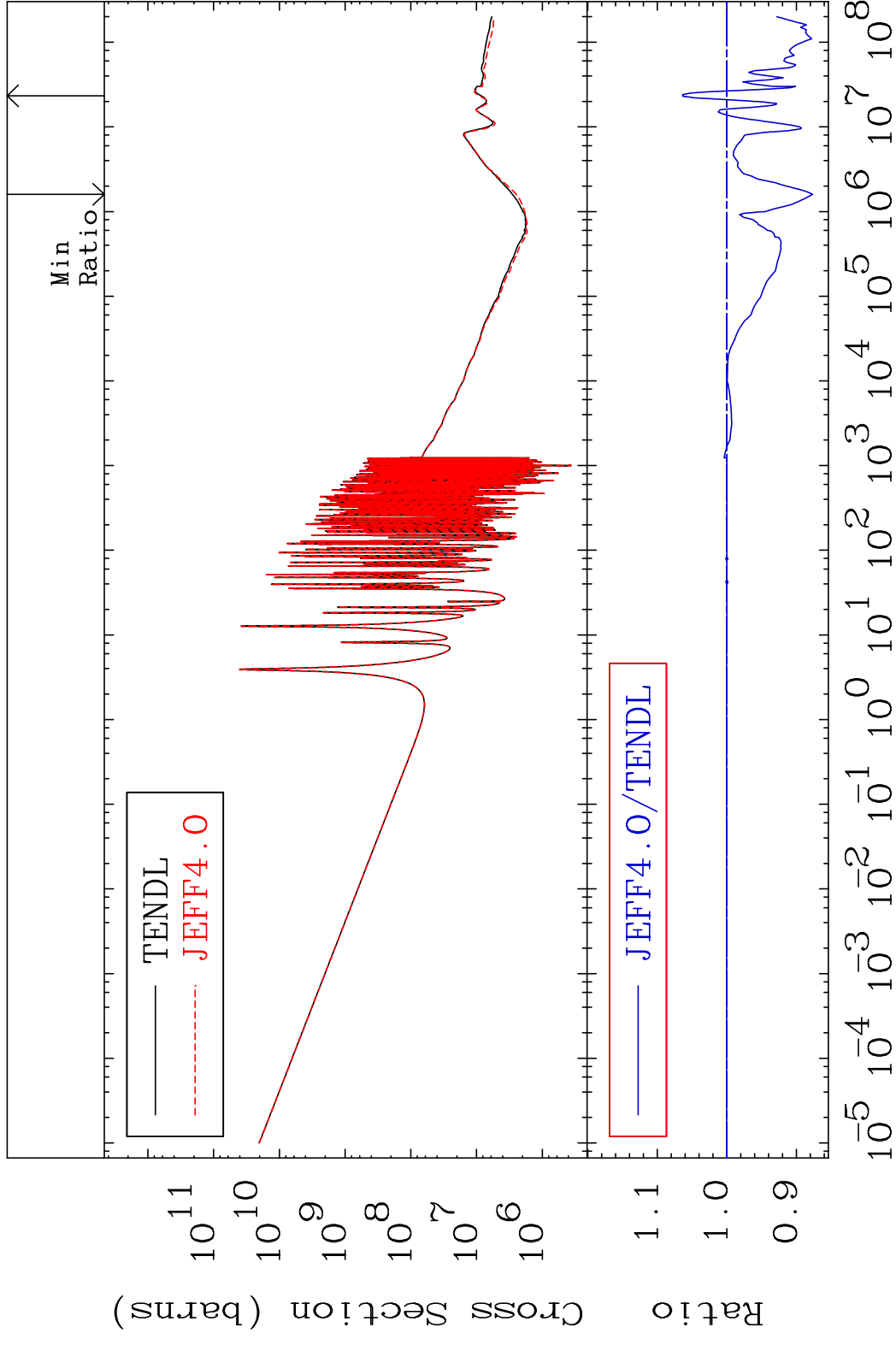


71

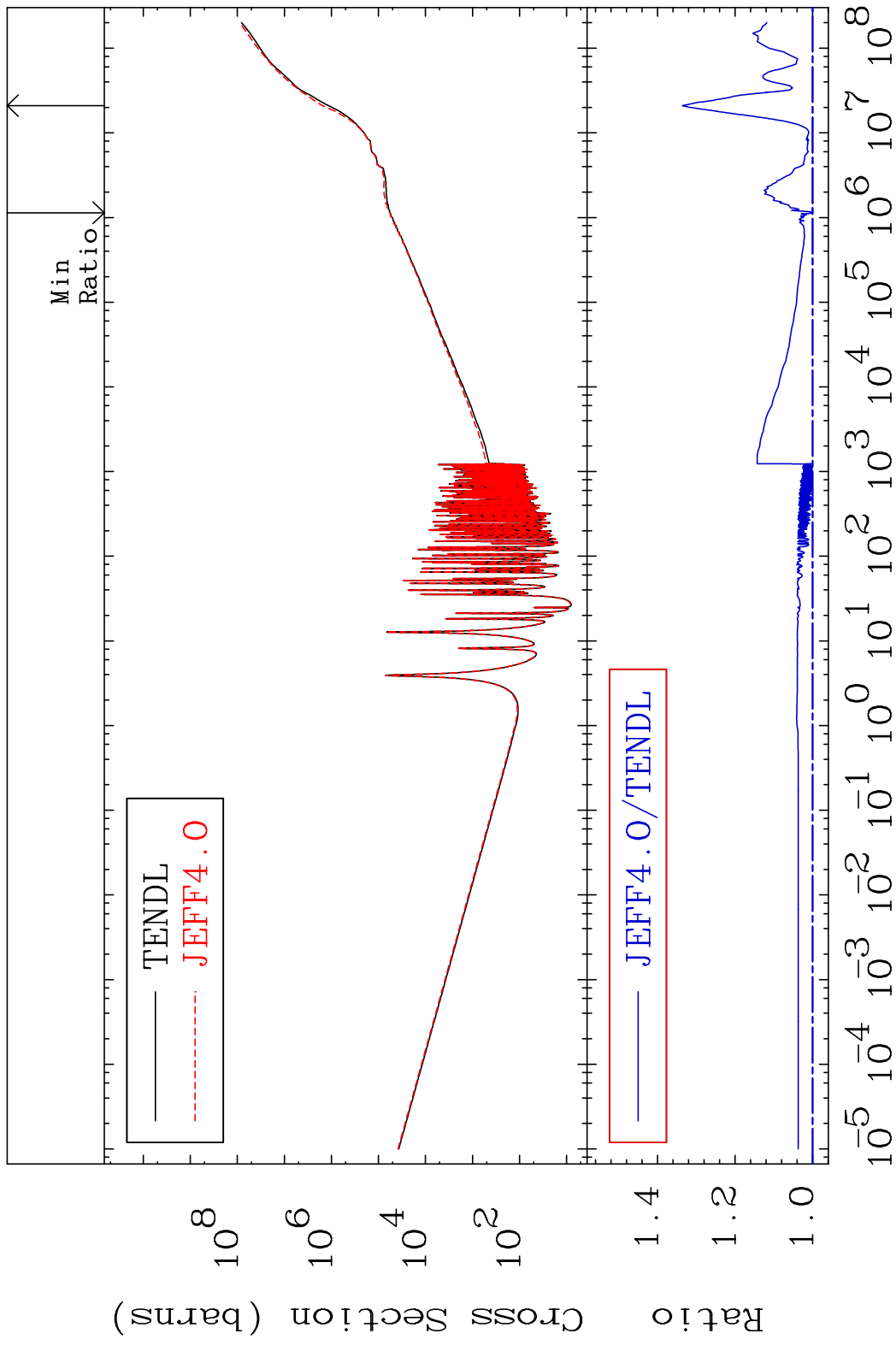
Incident Energy (eV)

67-Ho-165

MAT 6725 Total photon (eV-barns) 67-Ho-165
 Cross Section -12.32 To 6.391 %



MAT 6725 Total kinematic kerma (high limit) 67-Ho-165
Cross Section -0.004 To 33.59 %

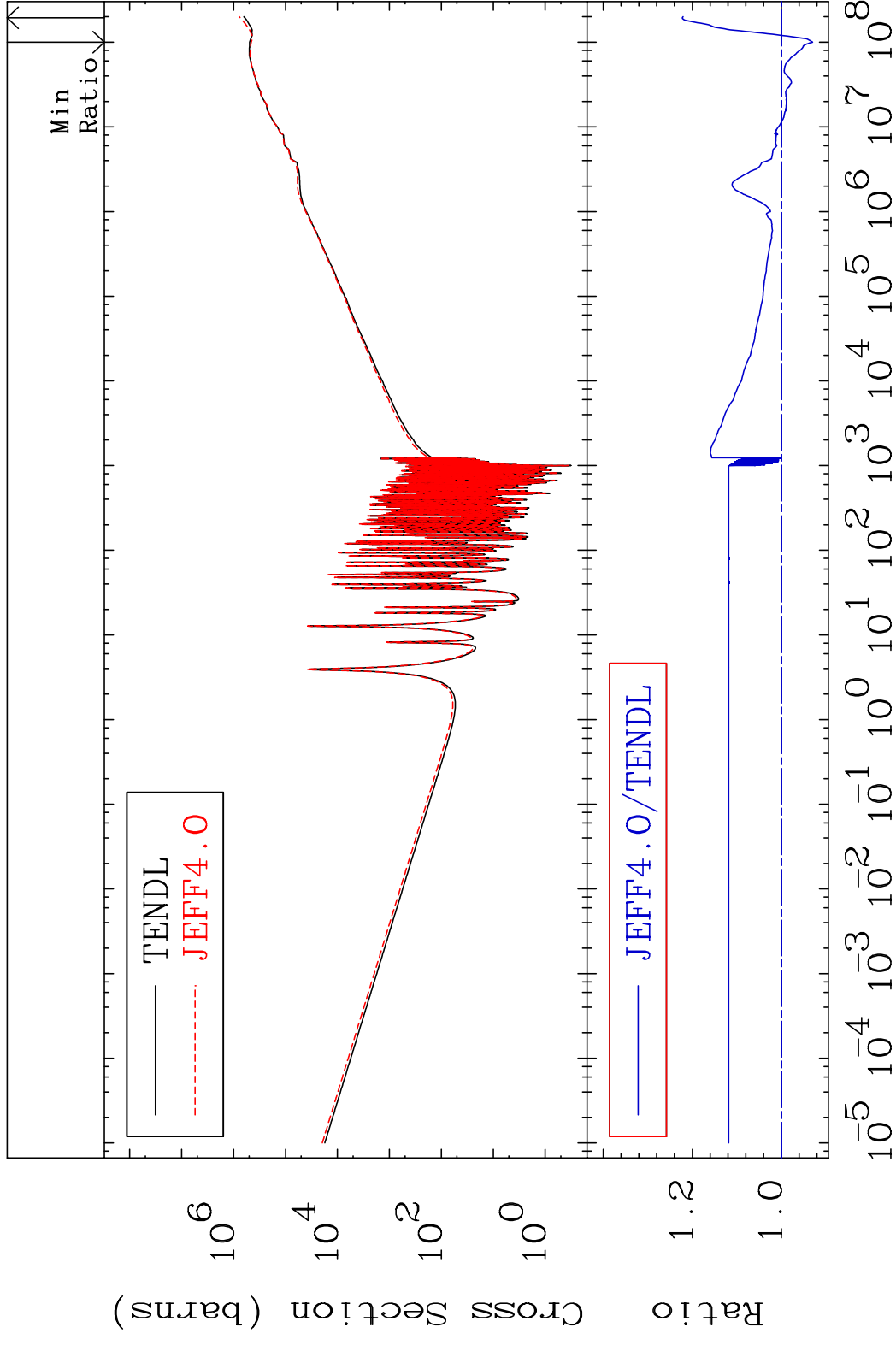


MAT 6725

Dpa total (eV-barns)

67-Ho-165

Cross Section -6.993 To 22.24 %



74

Incident Energy (eV)

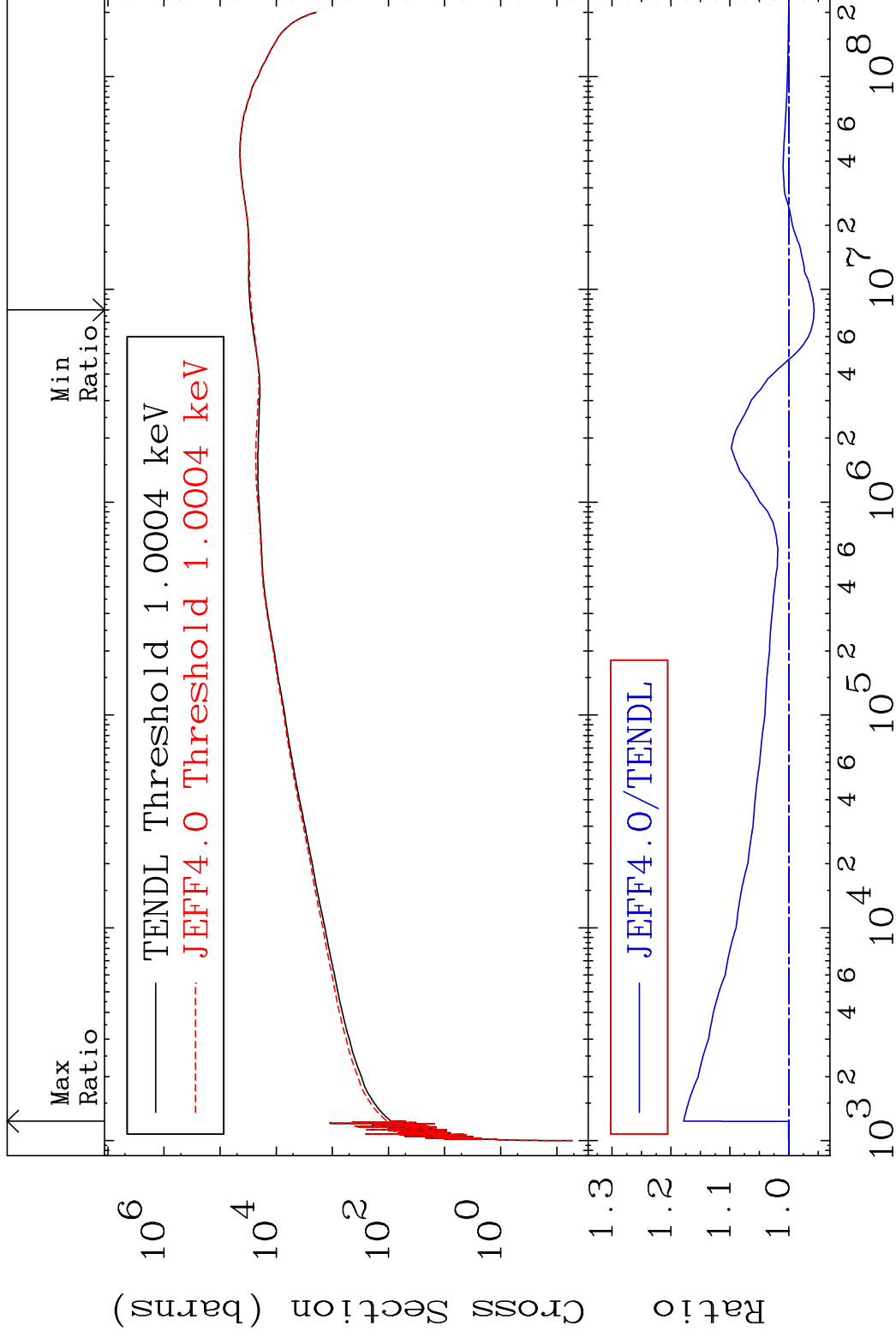
67-Ho-165

MAT 6725

Dpa elastic (mt2)

67-Ho-165

Cross Section -4.304 To 17.84 %



75

Incident Energy (eV)

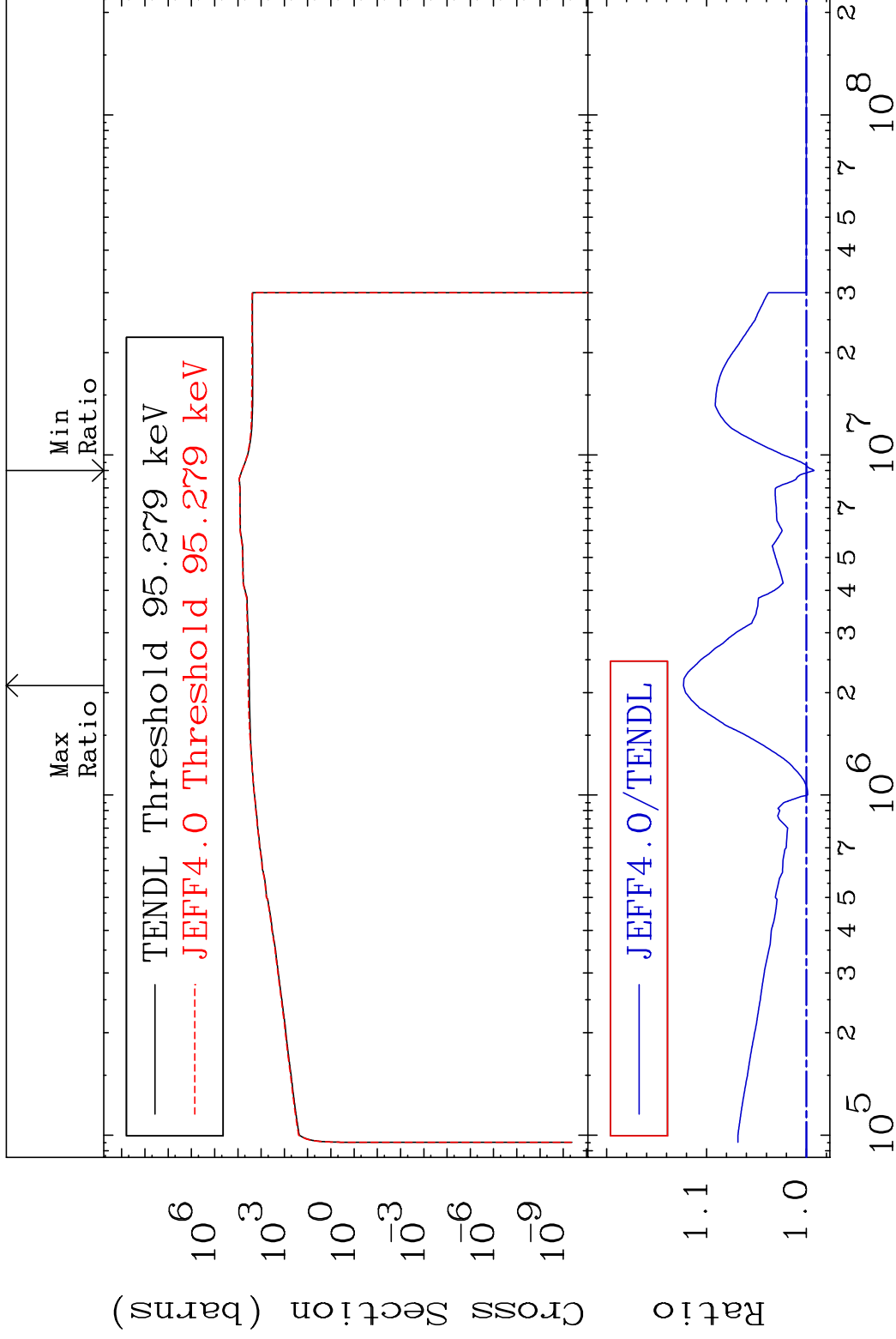
67-Ho-165

MAT 6725

Dpa inelastic (mt51-91)

67-Ho-165

Cross Section -0.766 To 12.31 %

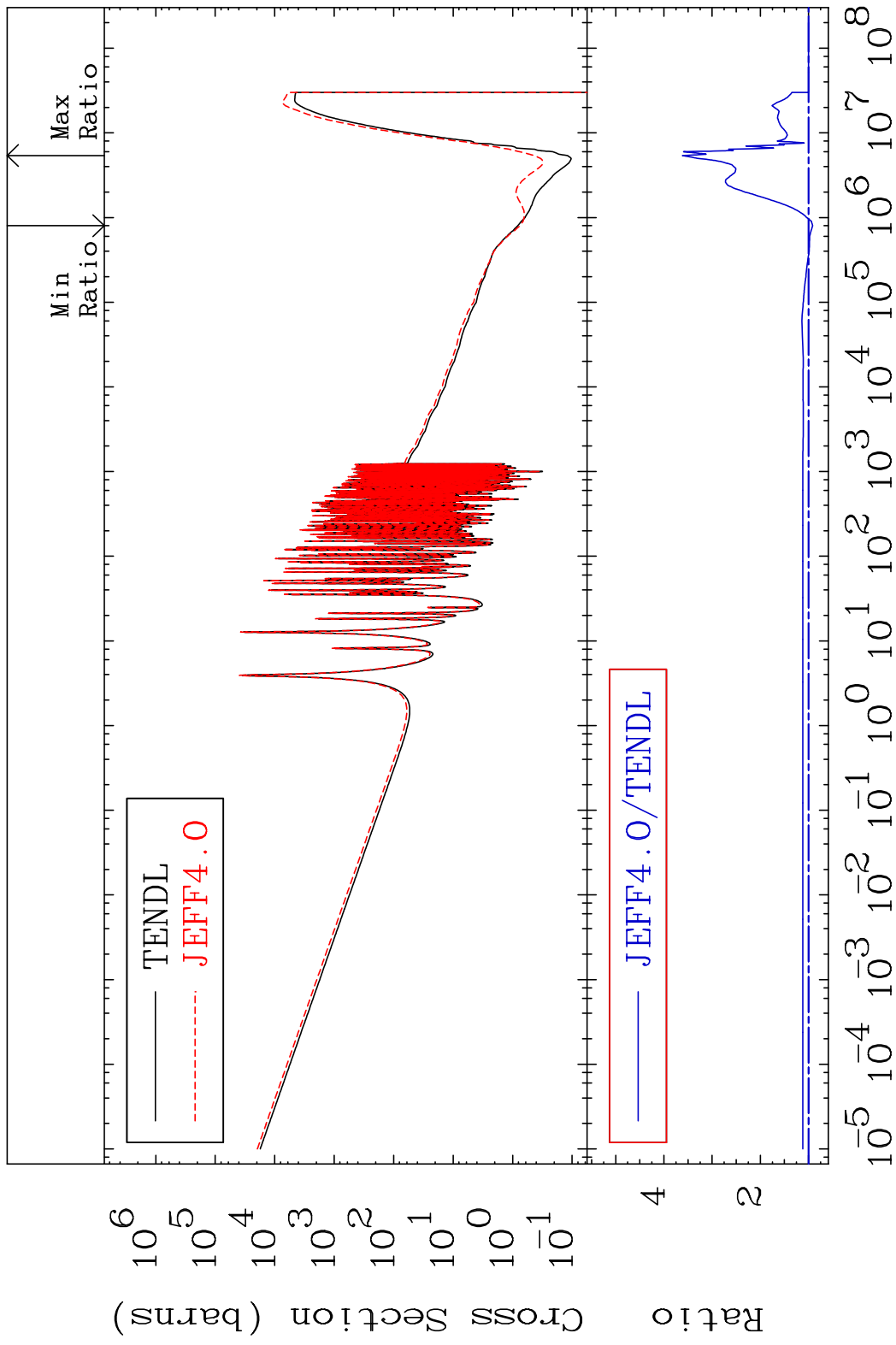


76

Incident Energy (eV)

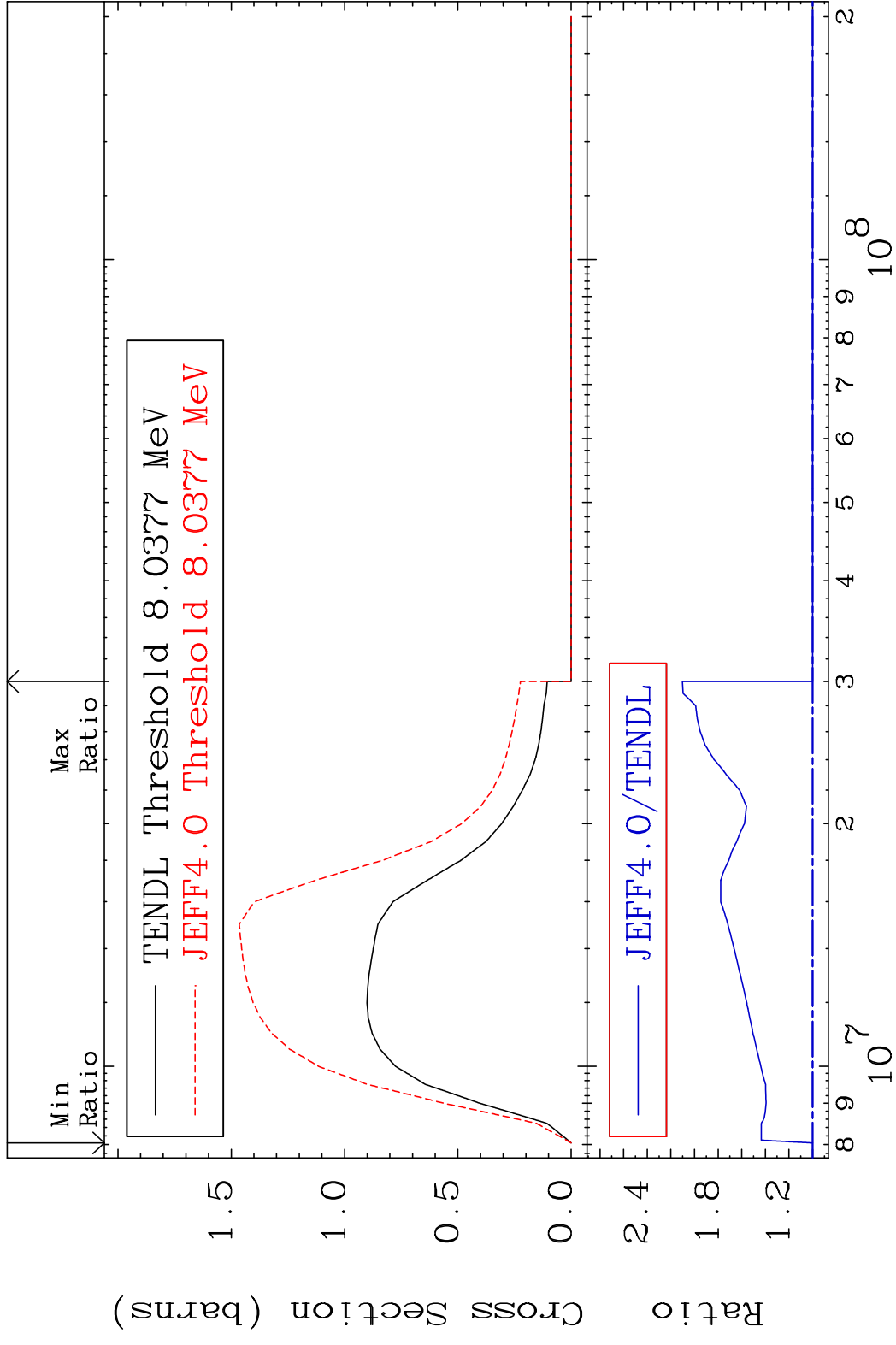
67-Ho-165

MAT 6725 Dpa disappearance (mt102 -120) 67-Ho-165
 Cross Section -8.367 To 261.8 %

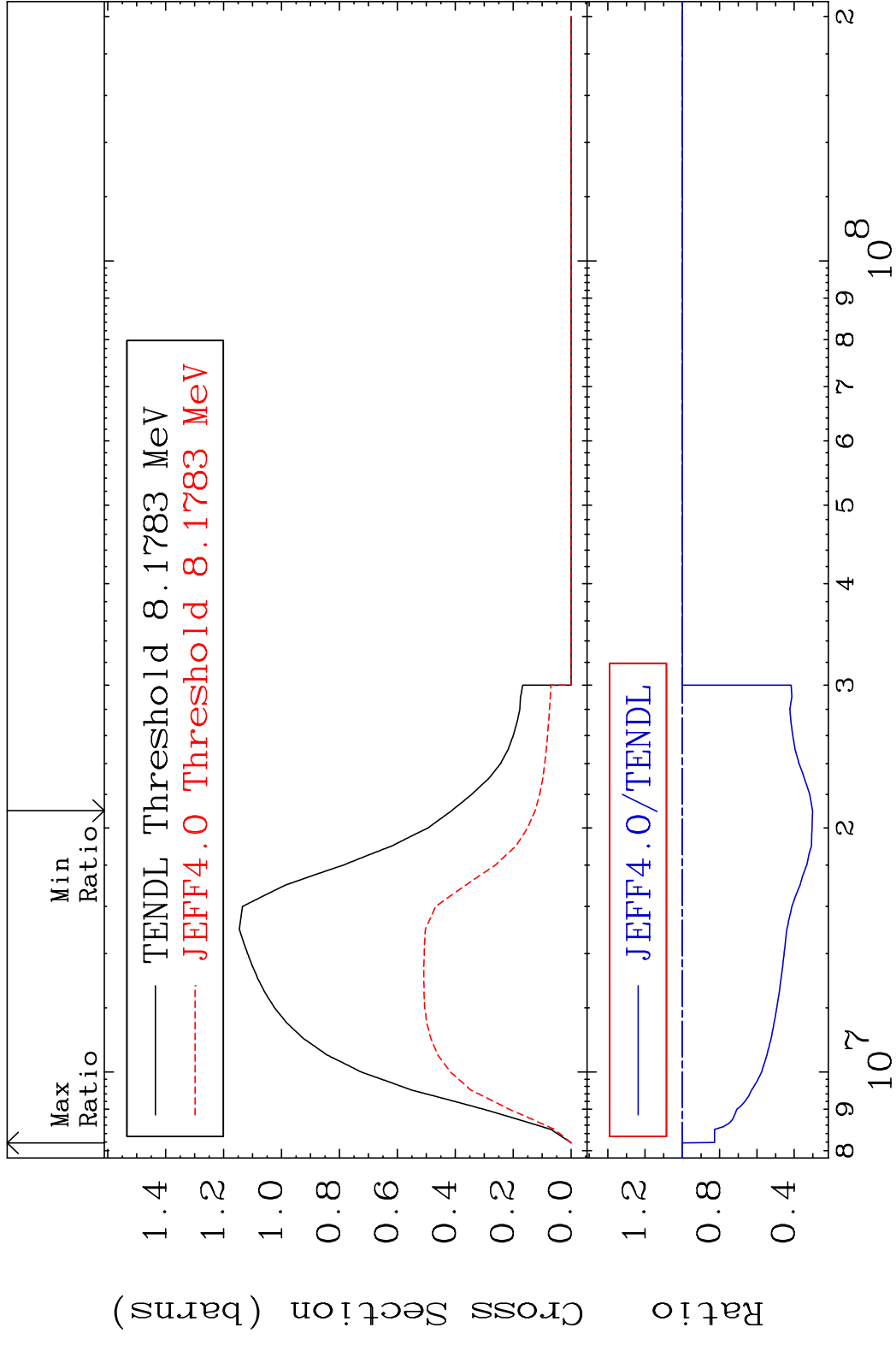


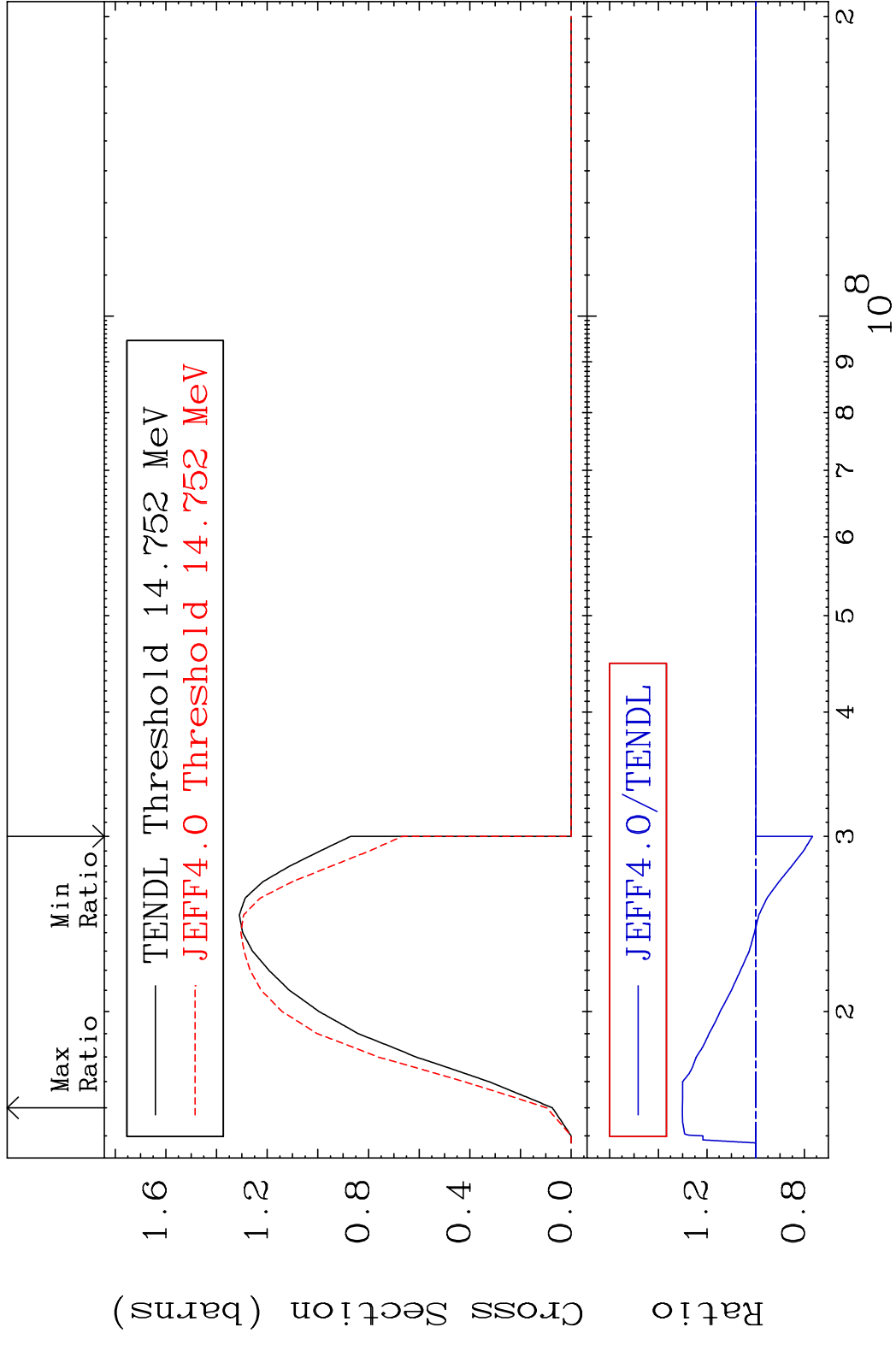
77 Incident Energy (eV) 67-Ho-165

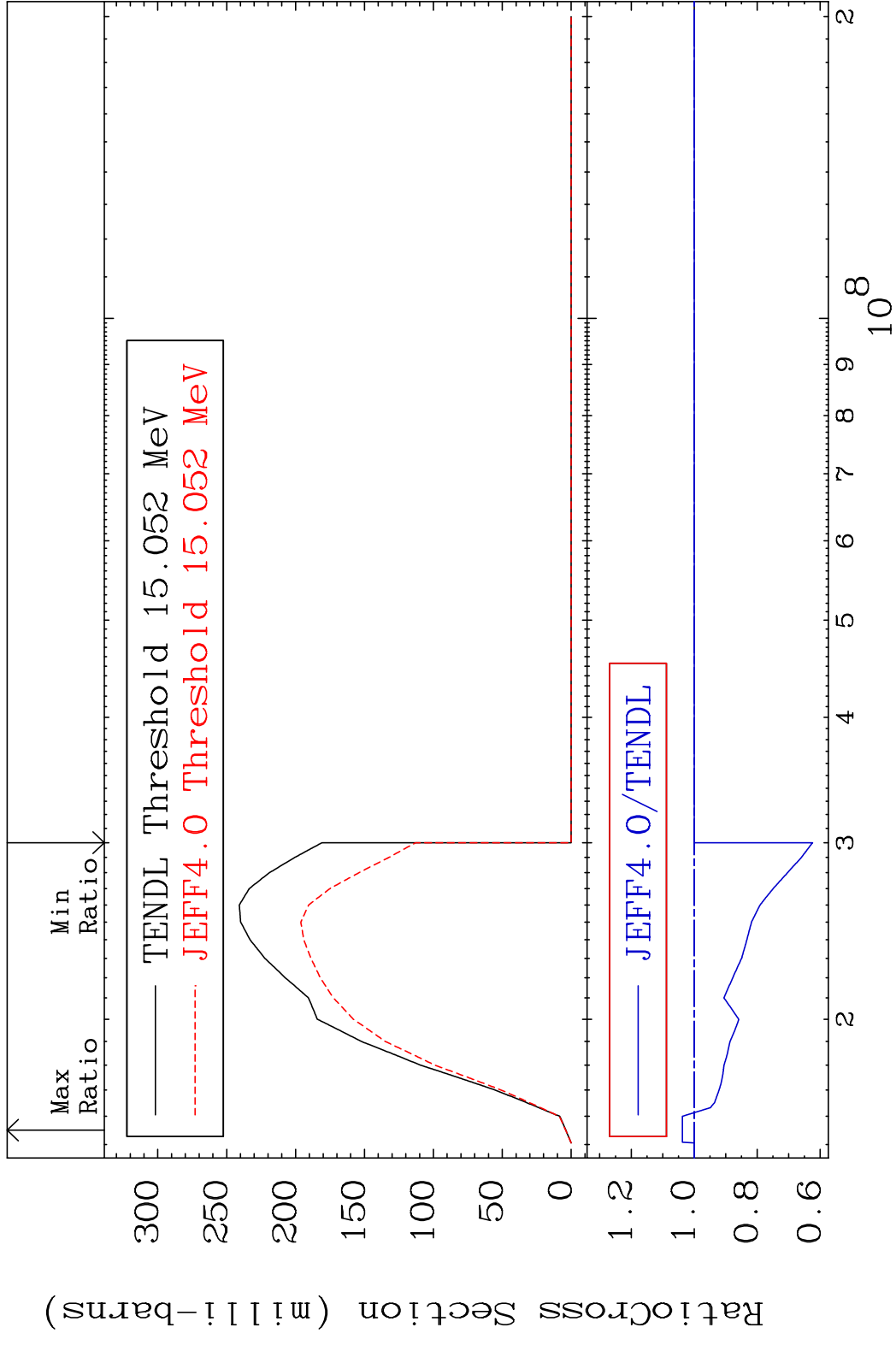
MAT 6725 (n,2n):67-Ho-164g 67-Ho-165
 Radionuclide Production Cross Section 110.3 %



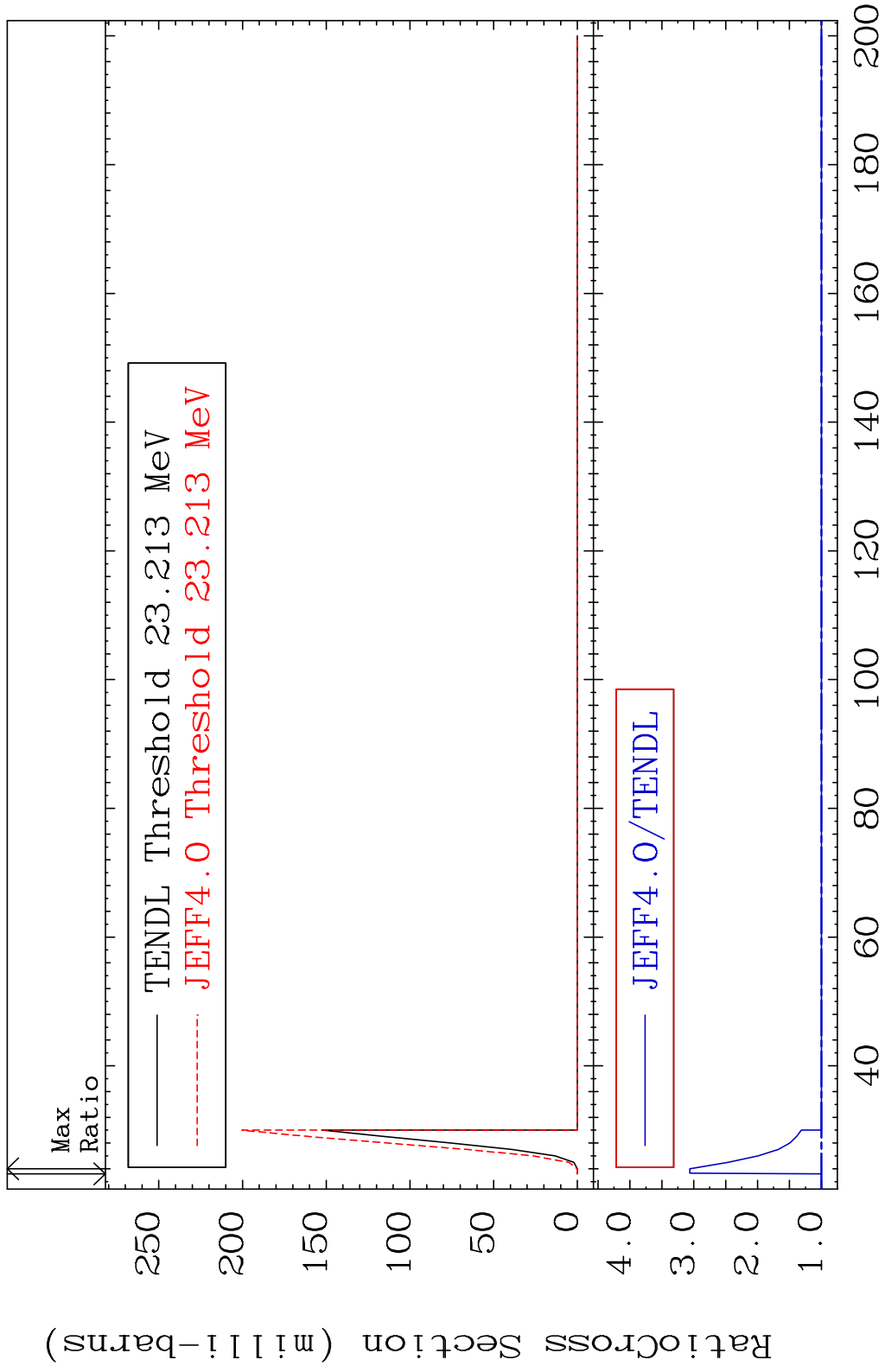
MAT 6725 (n,2n):67-Ho-164m3 67-Ho-165
 Radionuclide Production Cross Section 0.000 %







MAT 6725 (n,4n):67-Ho-162g 67-Ho-165
 Radionuclide Production Cross Section 206.3 %



MAT 6725 (n, 4n):67-Ho-162m3 67-Ho-165
 Radionuclide Production Cross Section 210.8 %

