

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

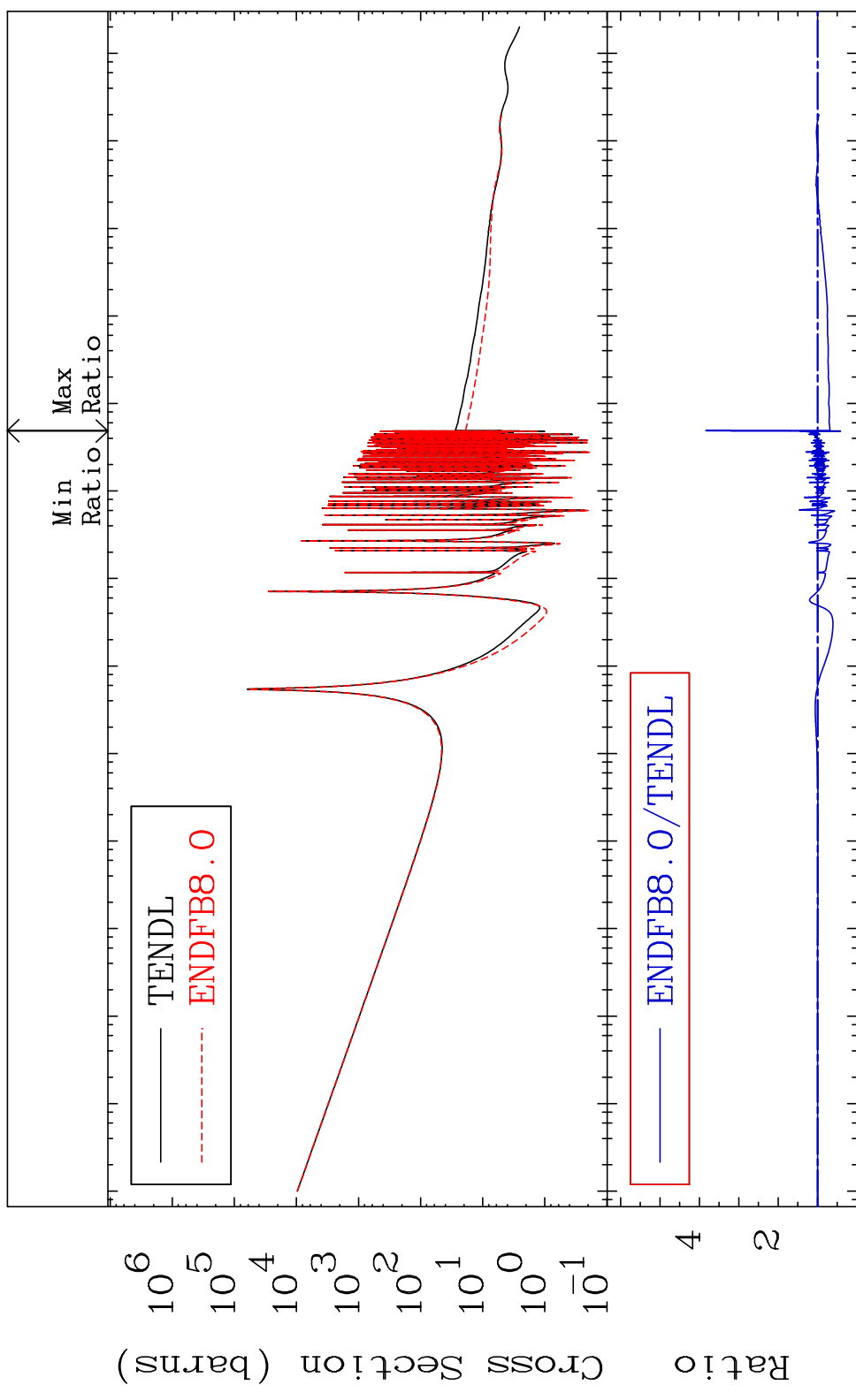
MAT 6643

Total

66-Dy-162

Cross Section

-58.01 To 283.8 %



1

Incident Energy (eV)

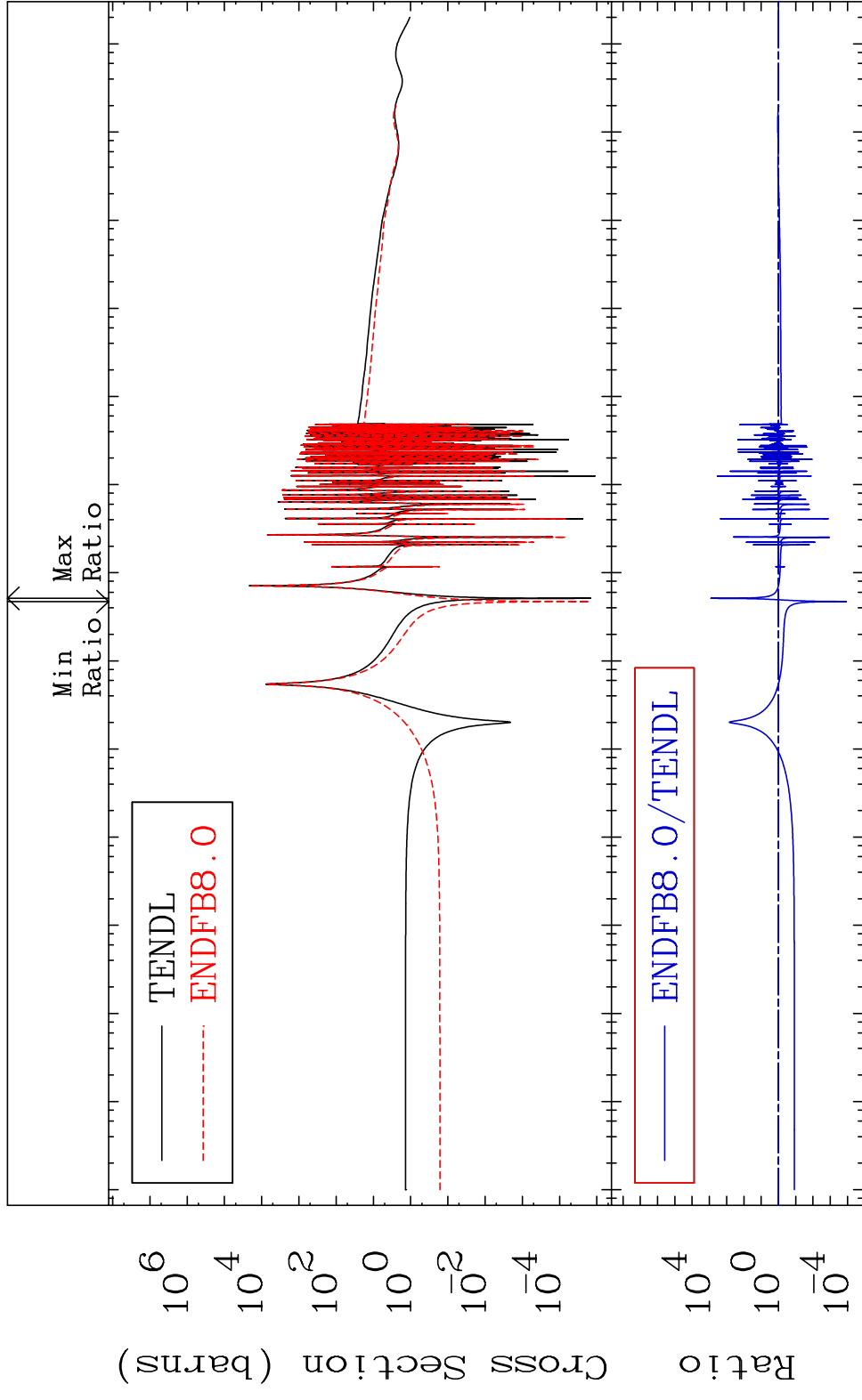
66-Dy-162

MAT 6643

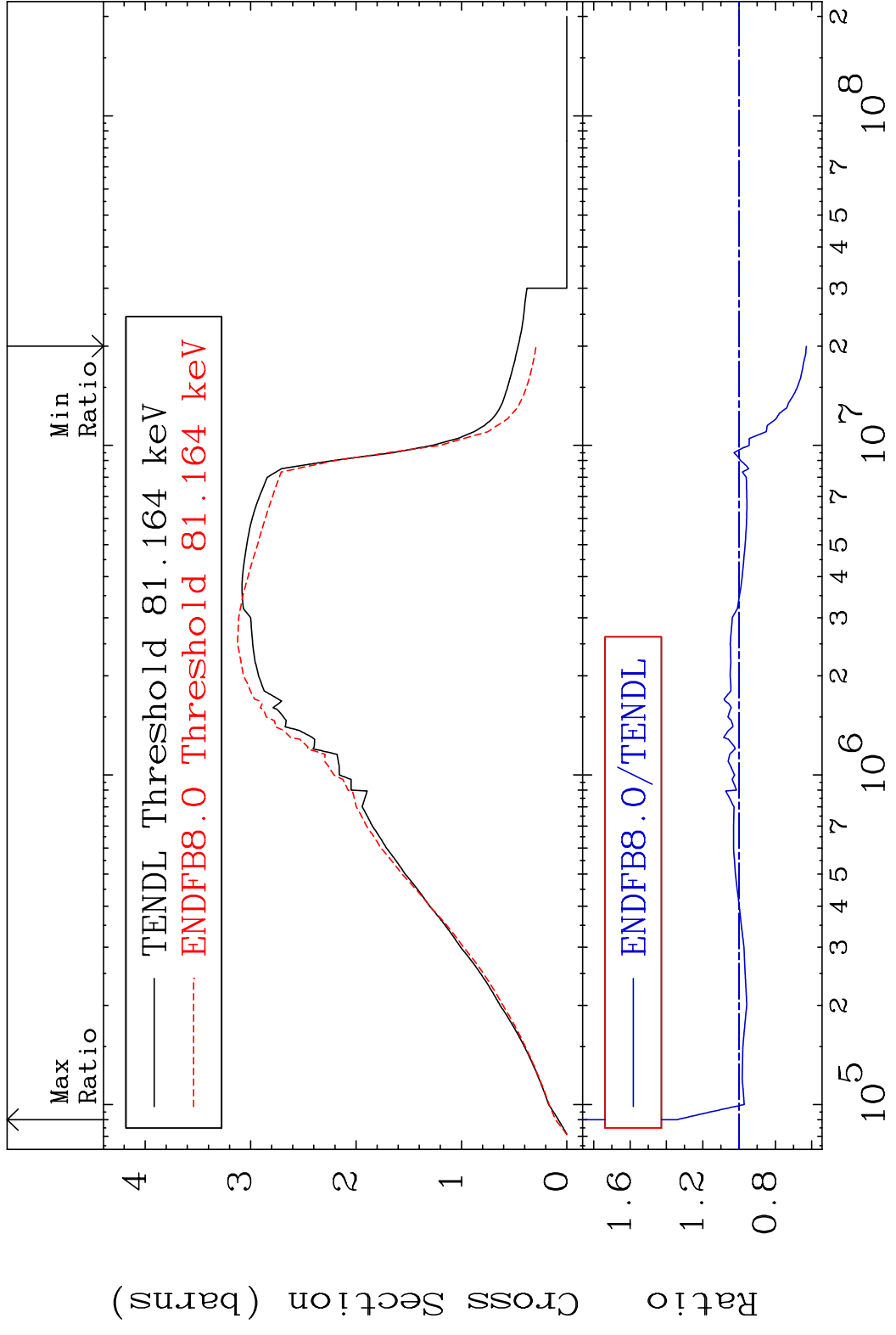
Elastic

66-Dy-162

Cross Section -99.99 To 9999. %



MAT 6643 Inelastic 66-Dy-162
 Cross Section -37.08 To 34.06 %



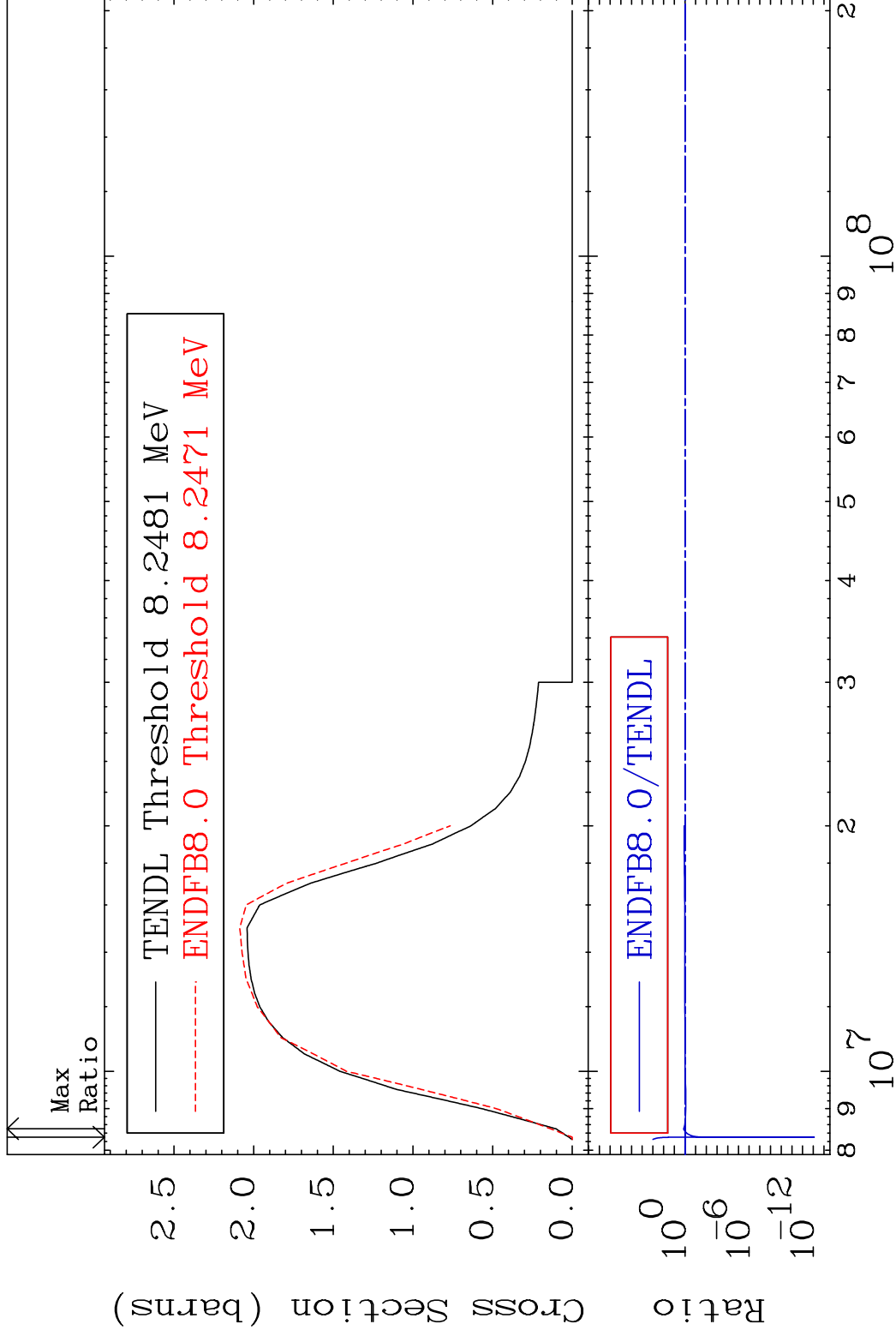
3 66-Dy-162

MAT 6643

(n,2n)

66-Dy-162

Cross Section -100.0 To 33.12 %



4

Incident Energy (eV)

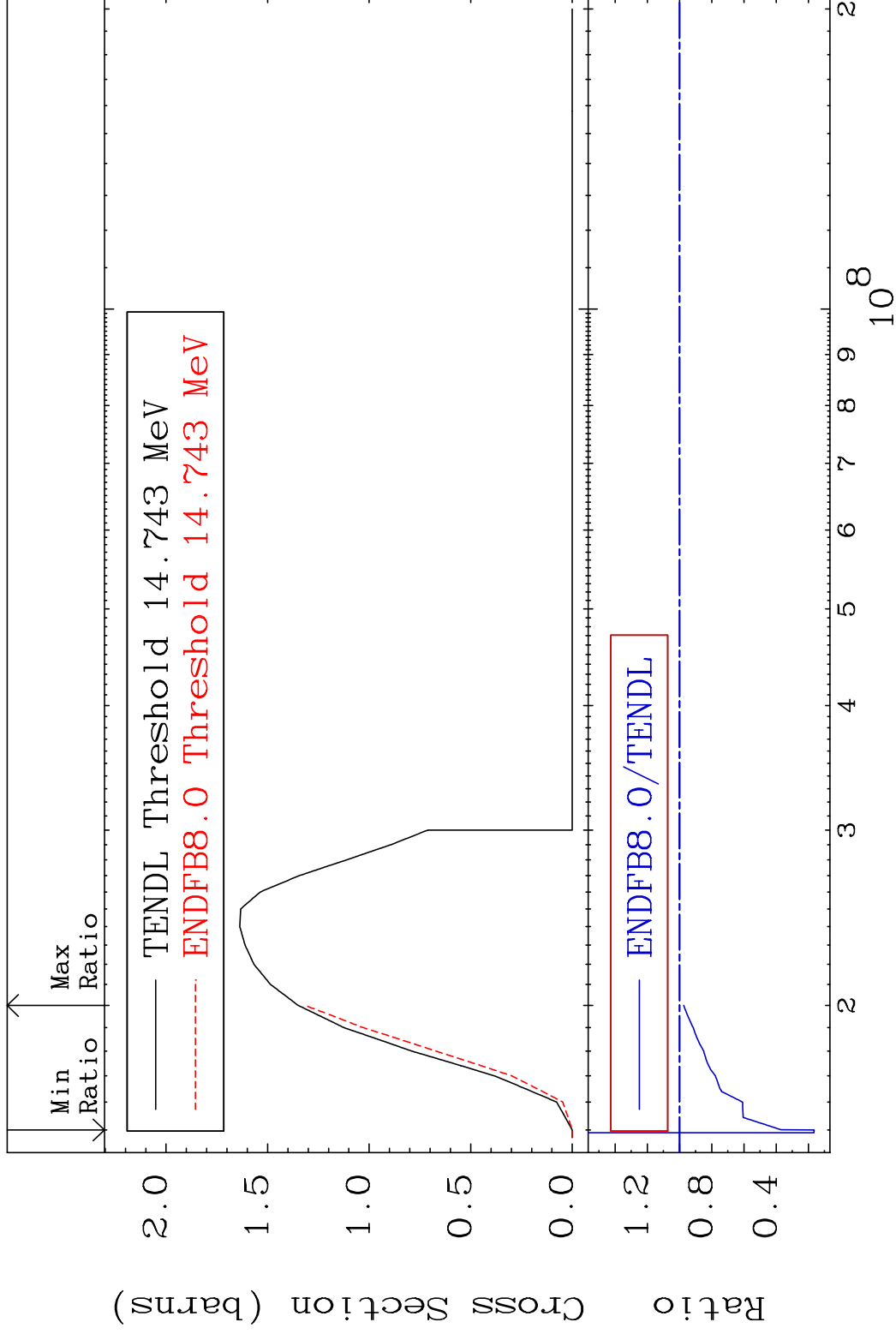
66-Dy-162

MAT 6643

(n,3n)

66-Dy-162

Cross Section -83.52 To -2.559%



5

Incident Energy (eV)

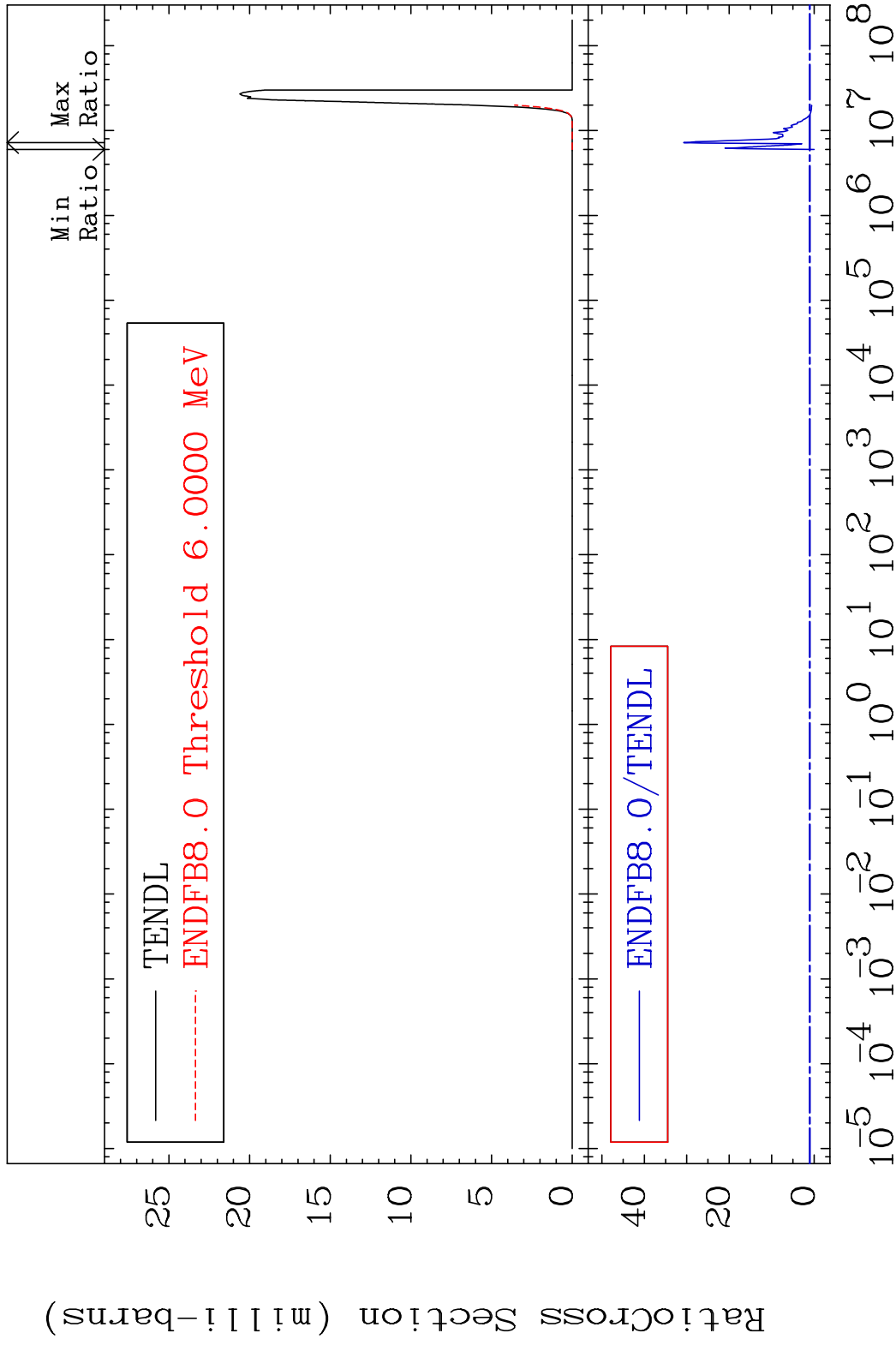
66-Dy-162

MAT 6643

(n, n') α

66-Dy-162

Cross Section -100.0 To 2973. %



6

Incident Energy (eV)

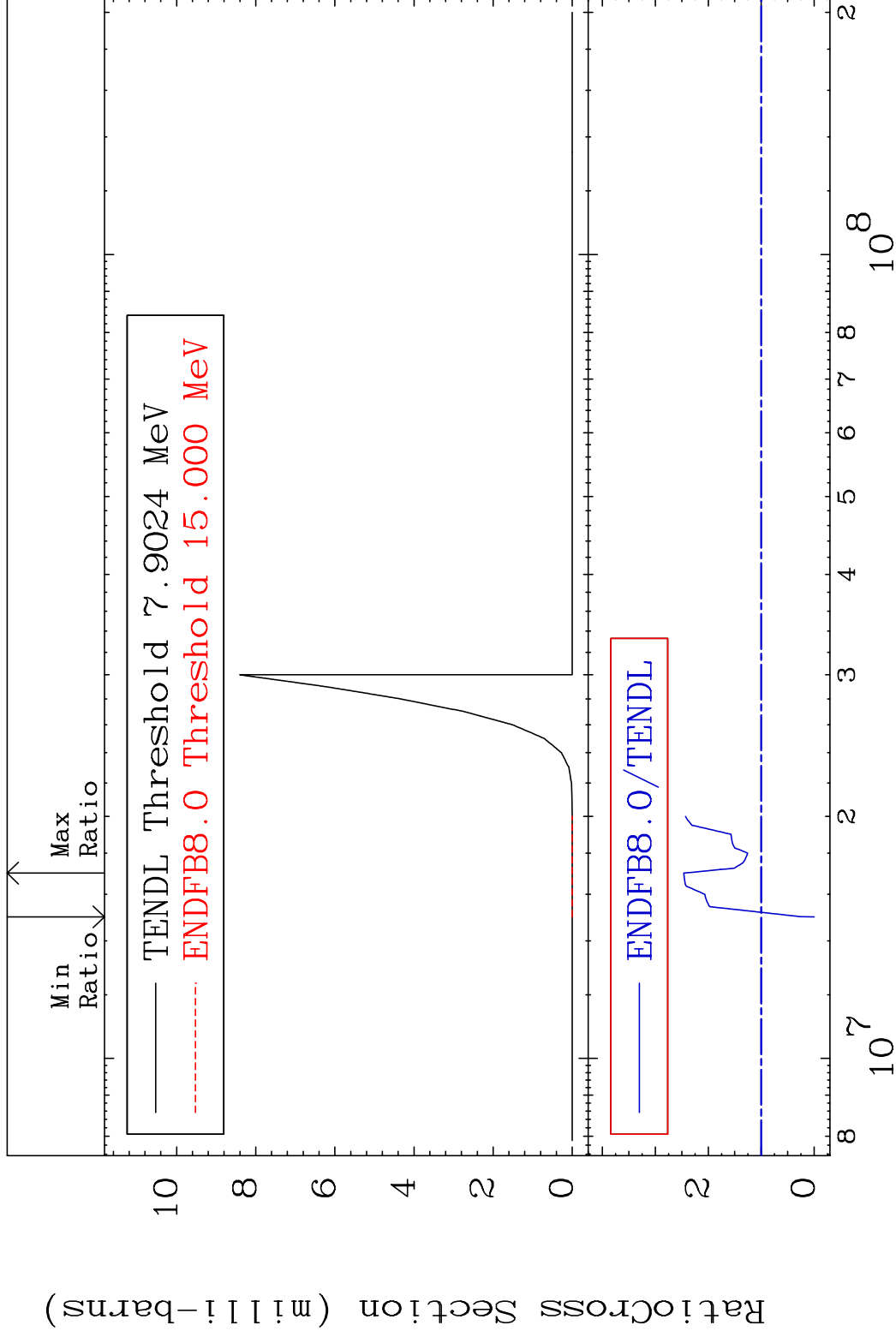
66-Dy-162

MAT 6643

(n,2n) α

66-Dy-162

Cross Section -100.0 To 146.5 %



7

Incident Energy (eV)

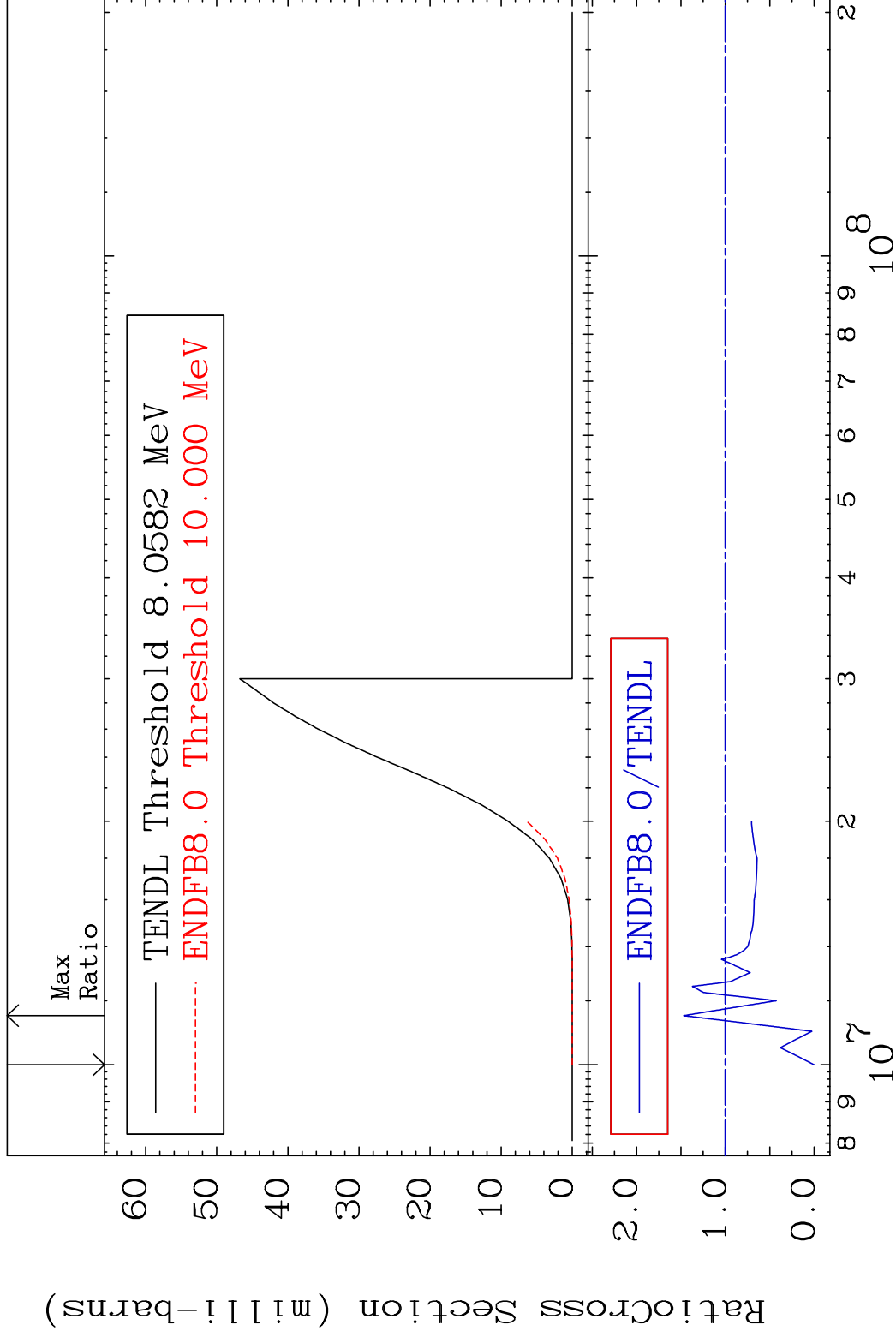
66-Dy-162

MAT 6643

(n, n') p

66-Dy-162

Cross Section -100.0 To 46.98 %



8

Incident Energy (eV)

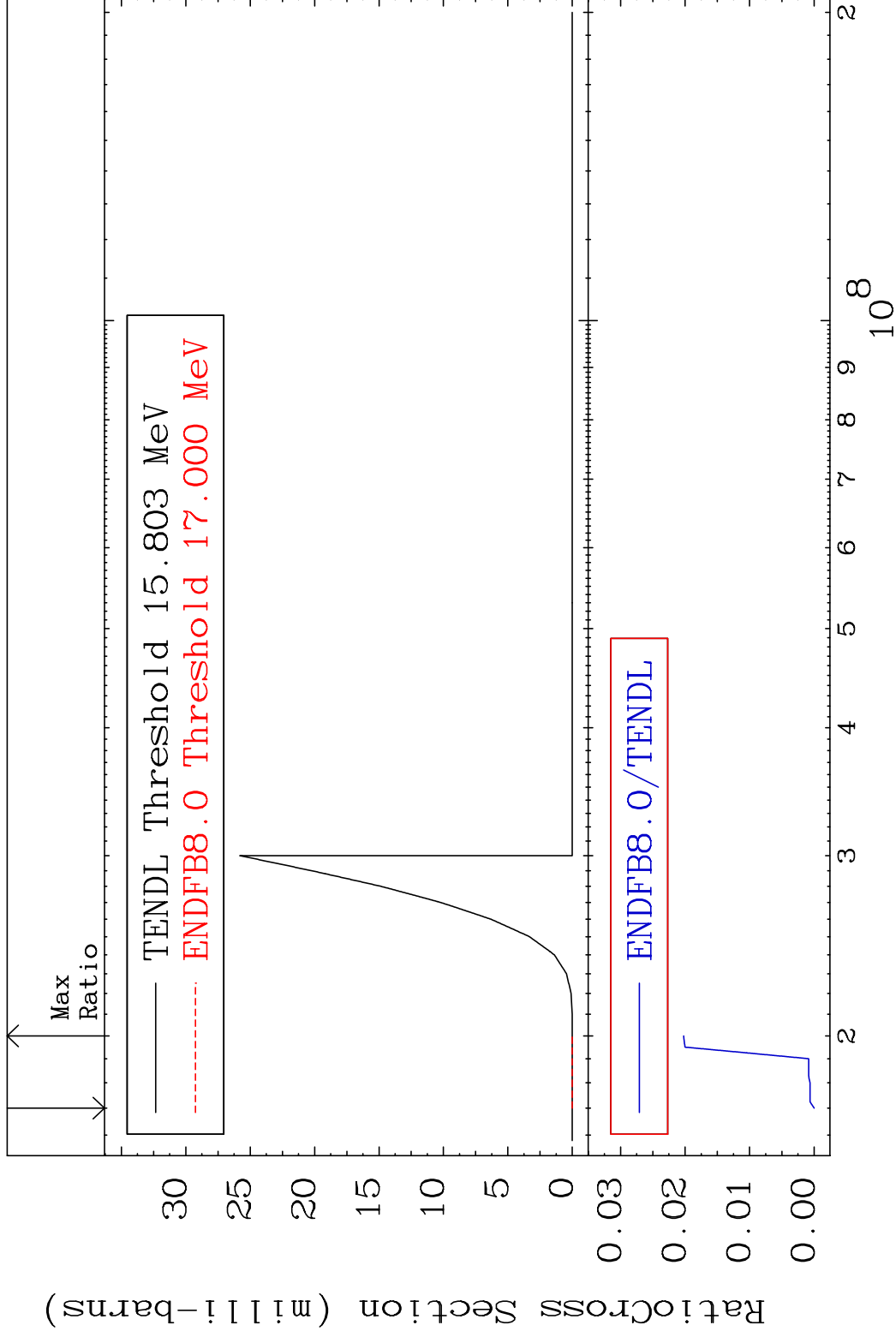
66-Dy-162

MAT 6643

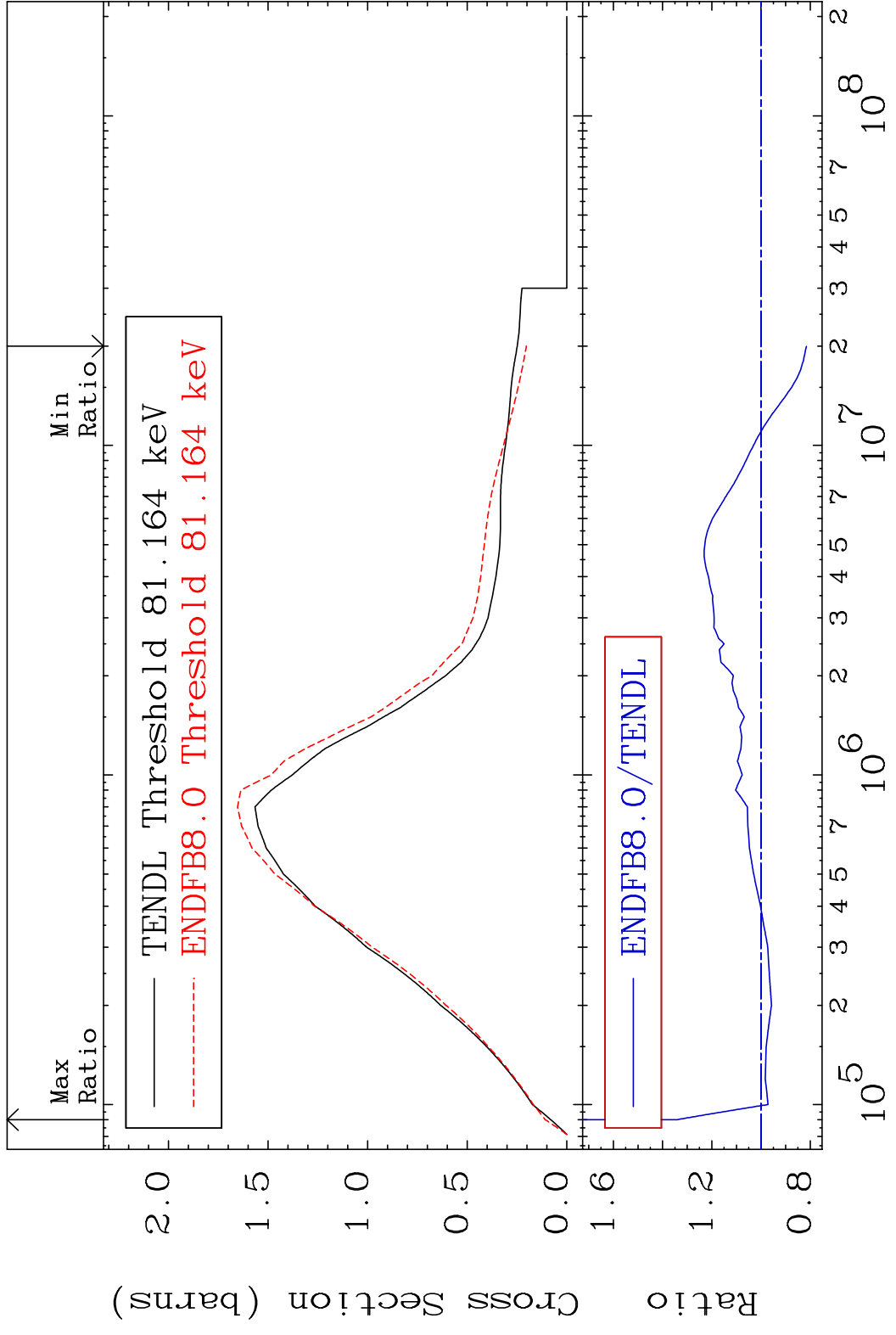
(n,2n) p

66-Dy-162

Cross Section -100.0 To -97.98%

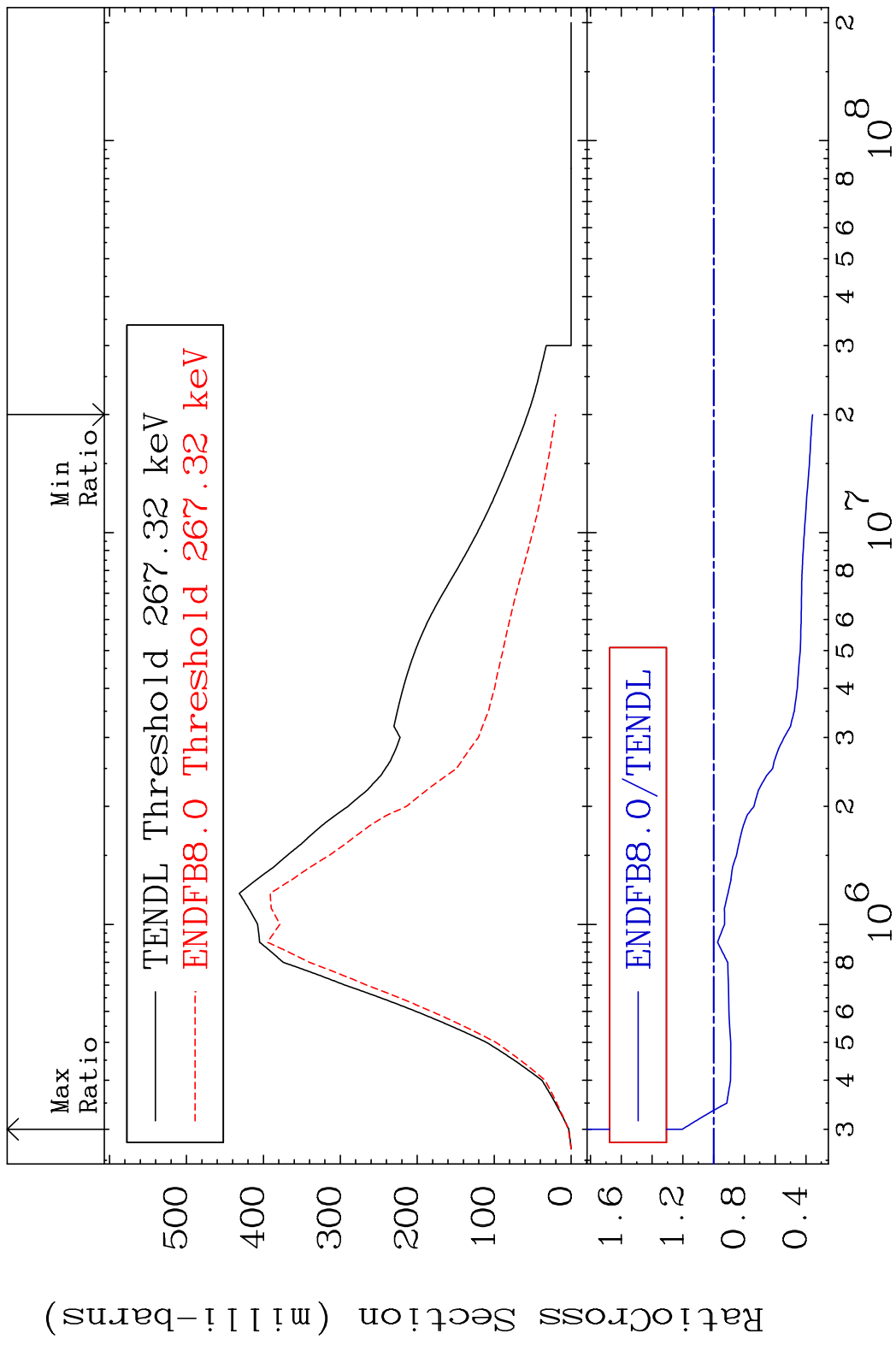


MAT 6643 MT= 51 (n, n') Level 66-Dy-162
 Cross Section -18.44 To 34.06 %

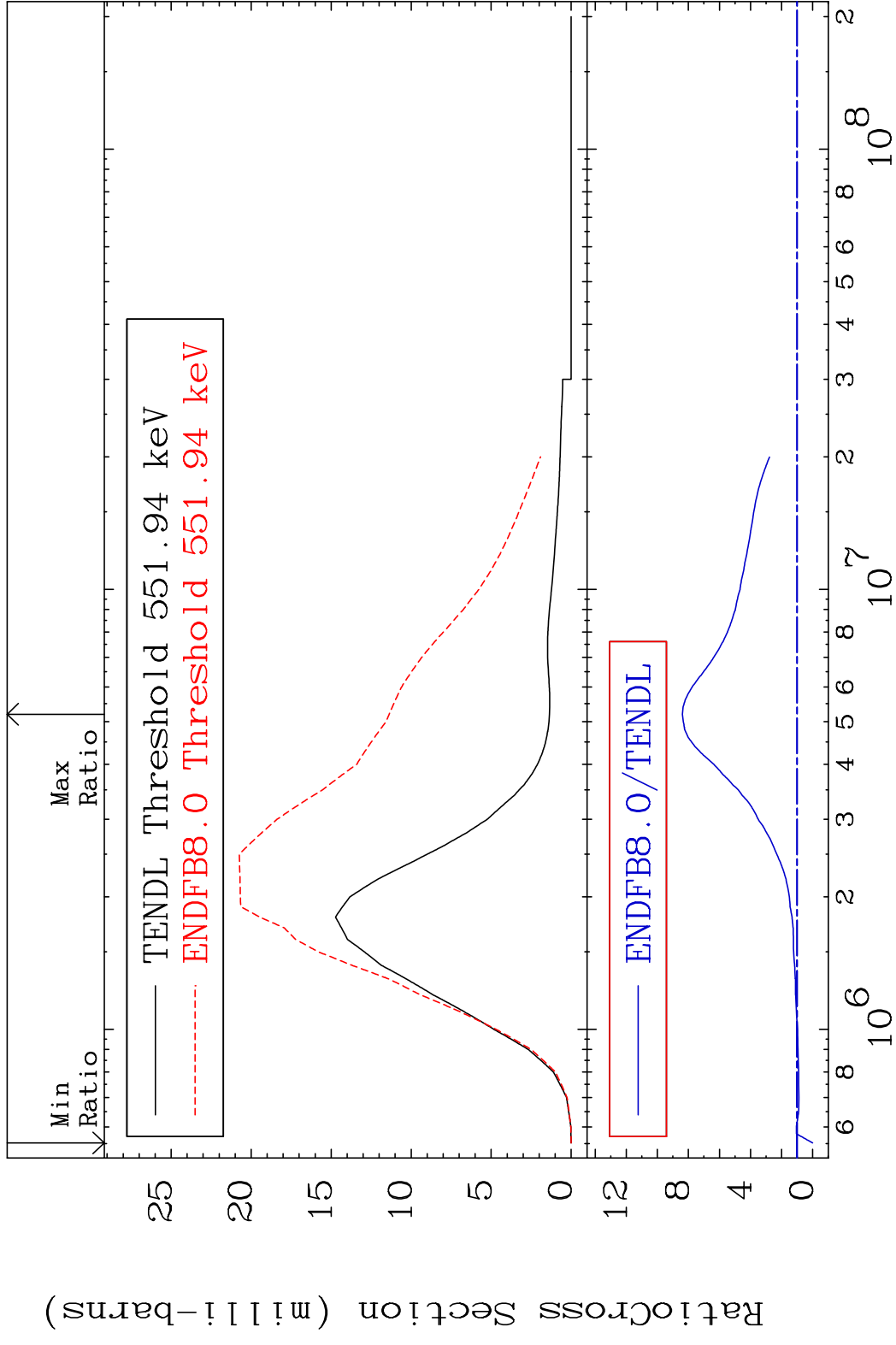


10 2 3 4 5 7 10⁵ 10⁶ 10⁷ 10⁸ 2 66-Dy-162

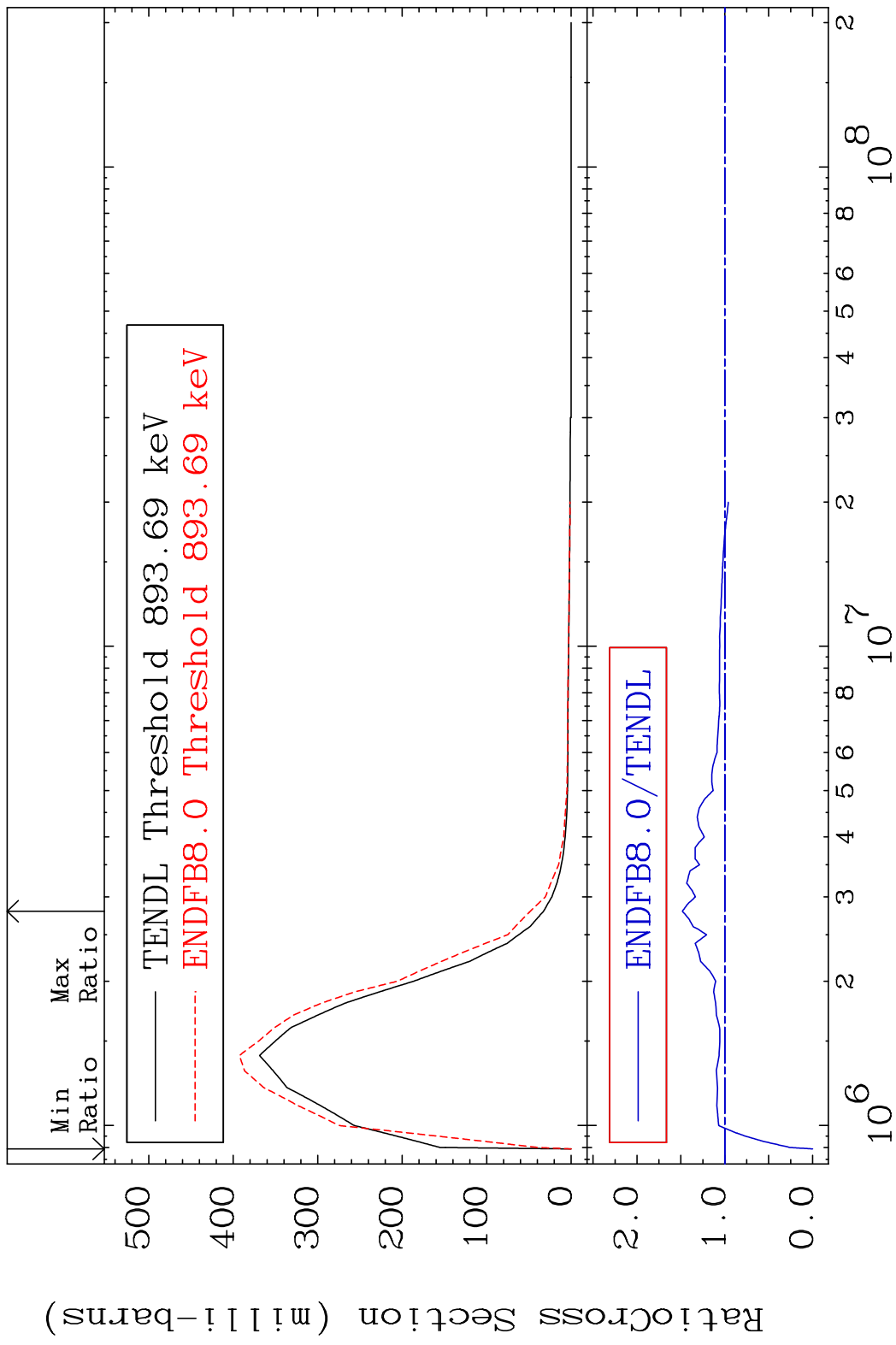
MAT 6643 MT= 52 (n, n') Level 66-Dy-162
 Cross Section -64.29 To 20.33 %



MAT 6643 MT= 53 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 739.1 %

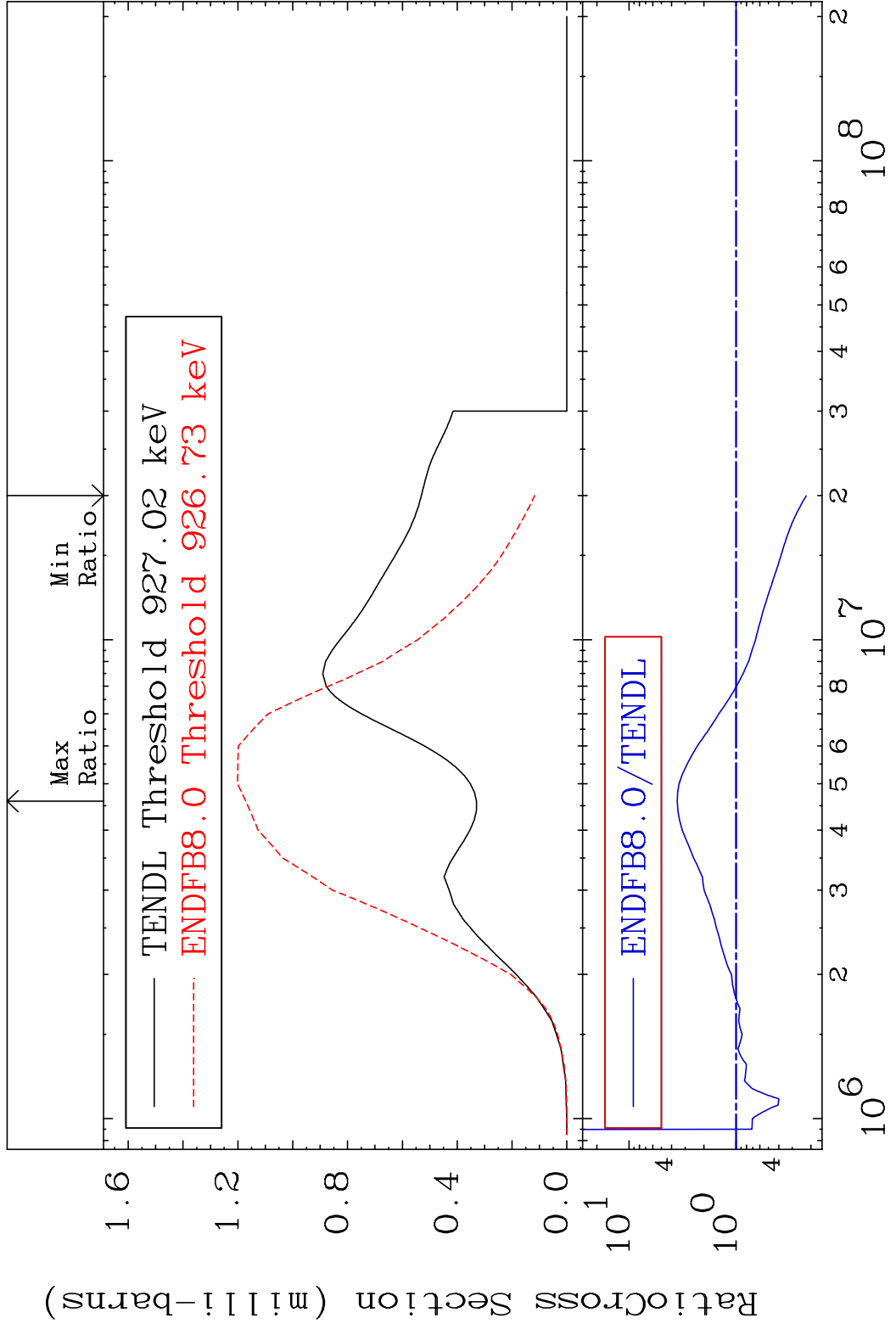


MAT 6643 MT= 54 (n,n') Level 66-Dy-162
 Cross Section -100.0 To 48.32 %



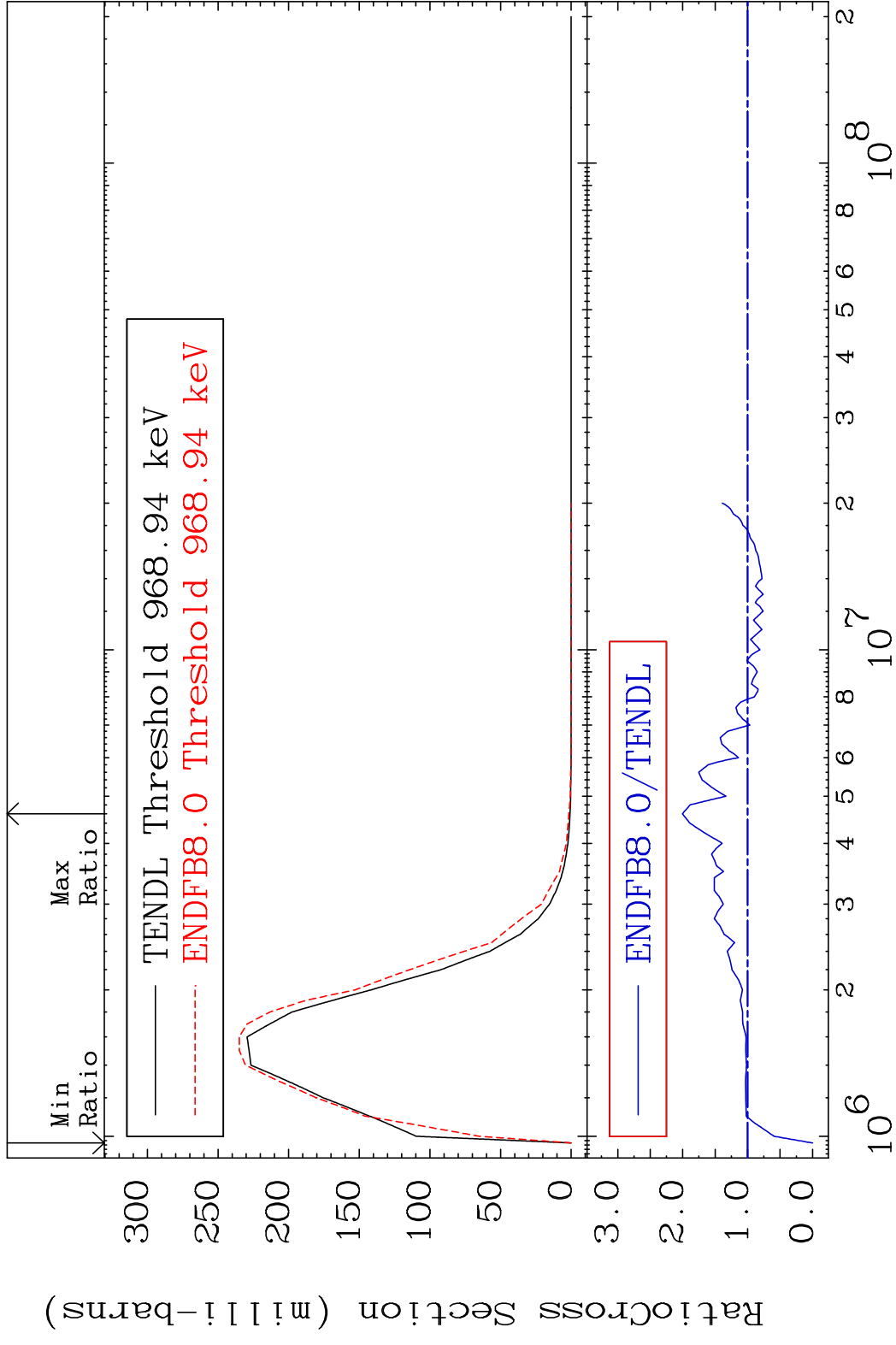
13 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 55 (n, n') Level 66-Dy-162
 Cross Section -77.93 To 255.2 %



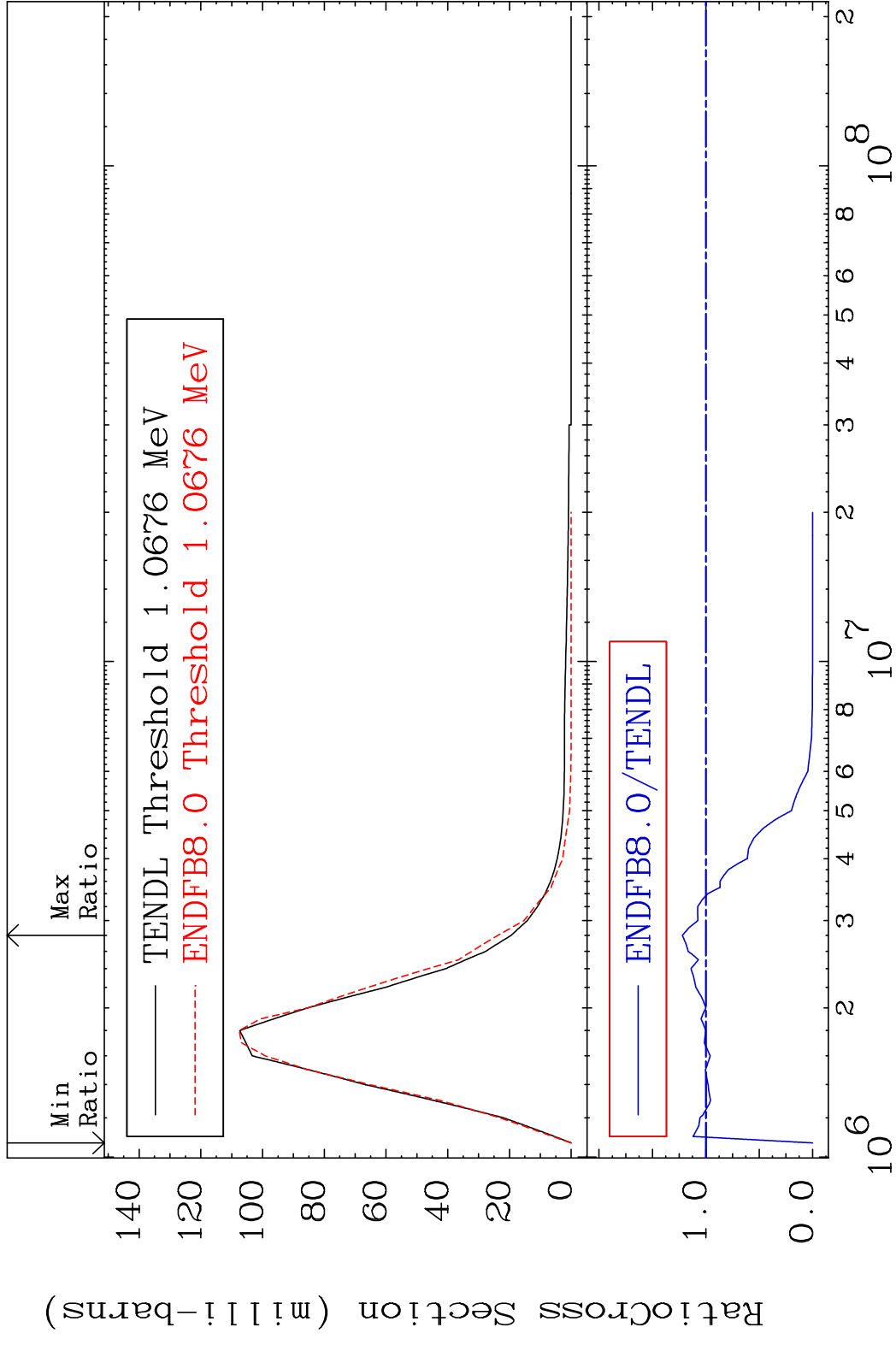
14 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 56 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 100.5 %



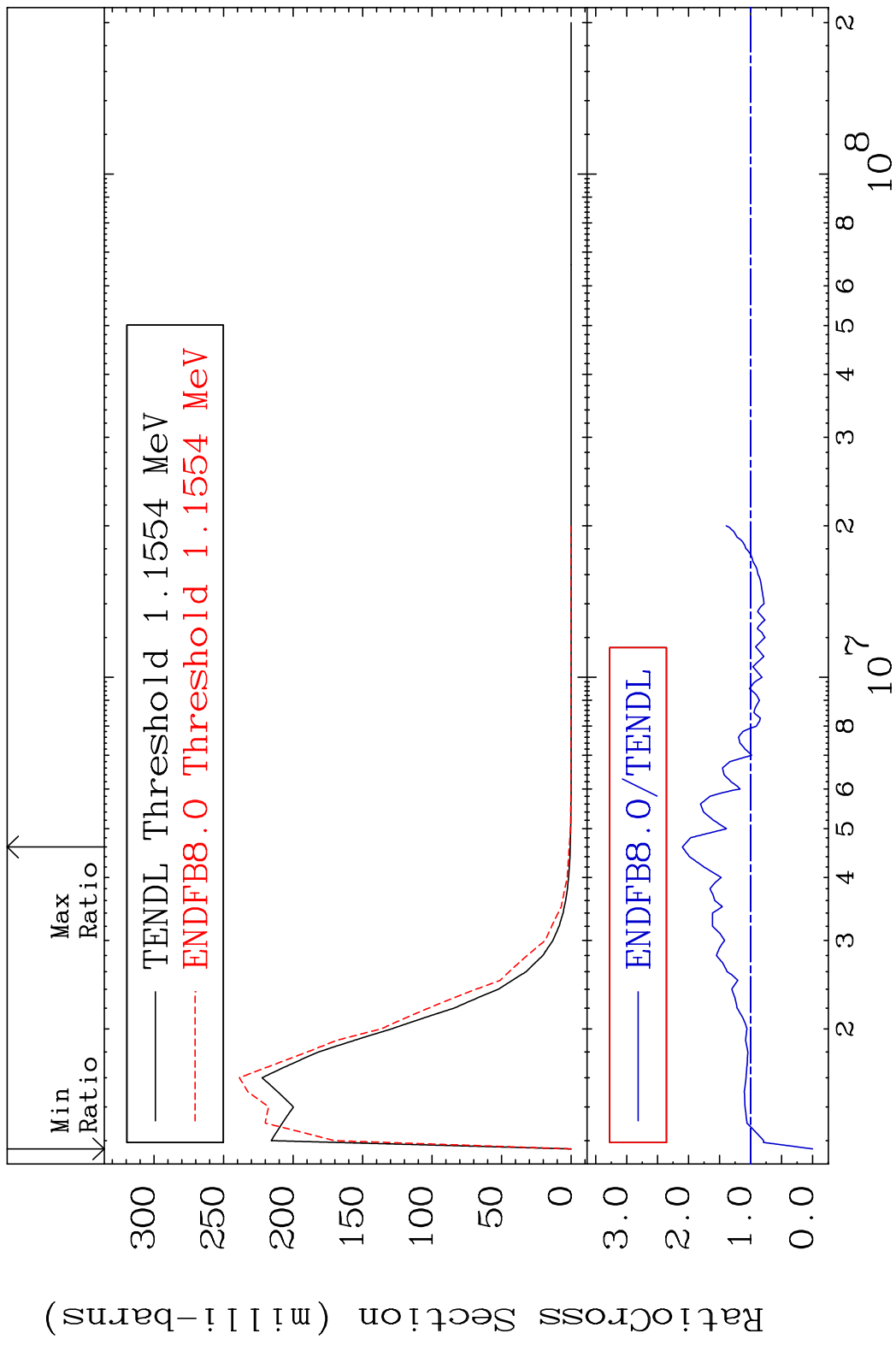
15 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 57 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 21.96 %

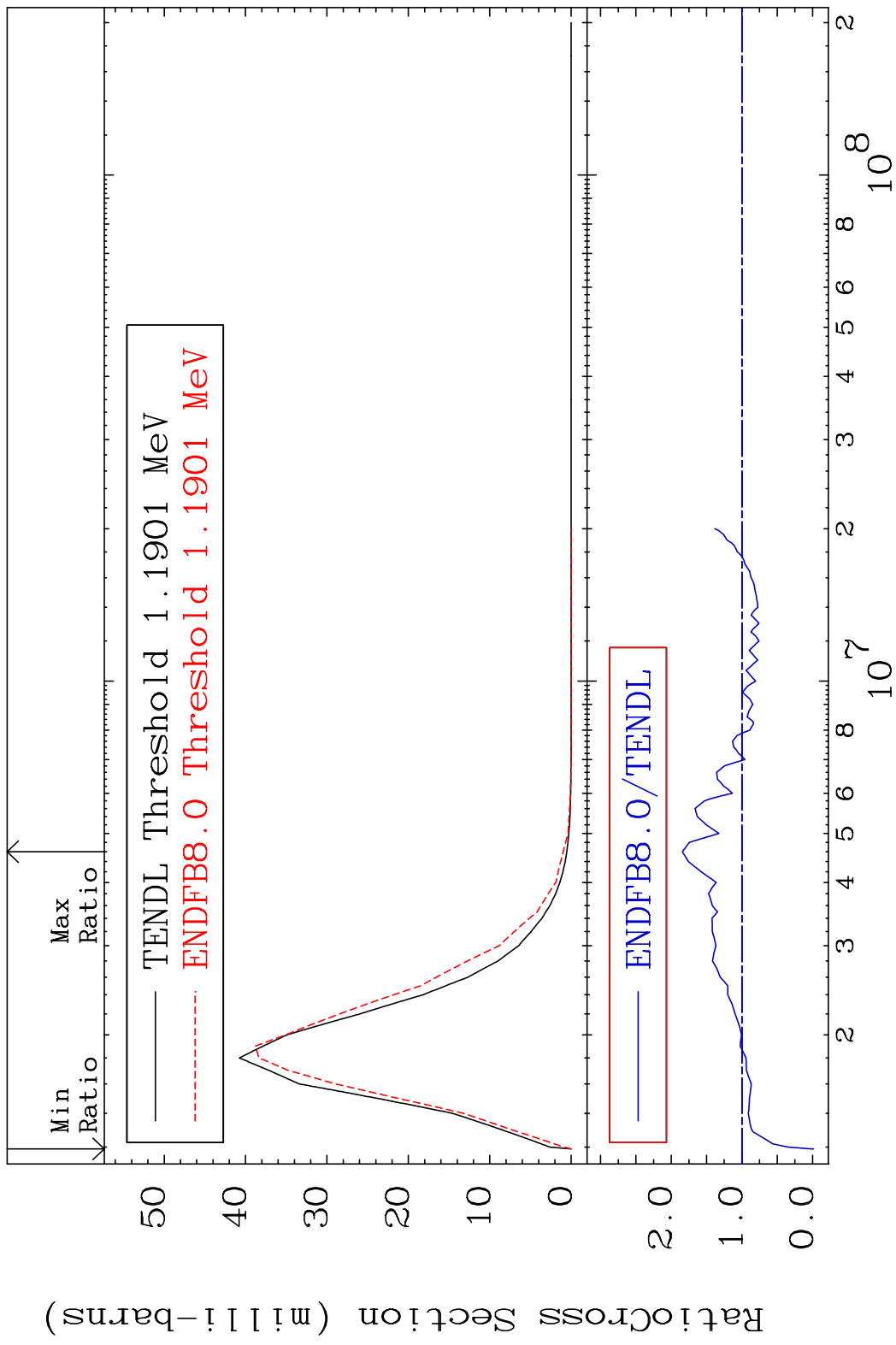


16 Incident Energy (eV) 66-Dy-162

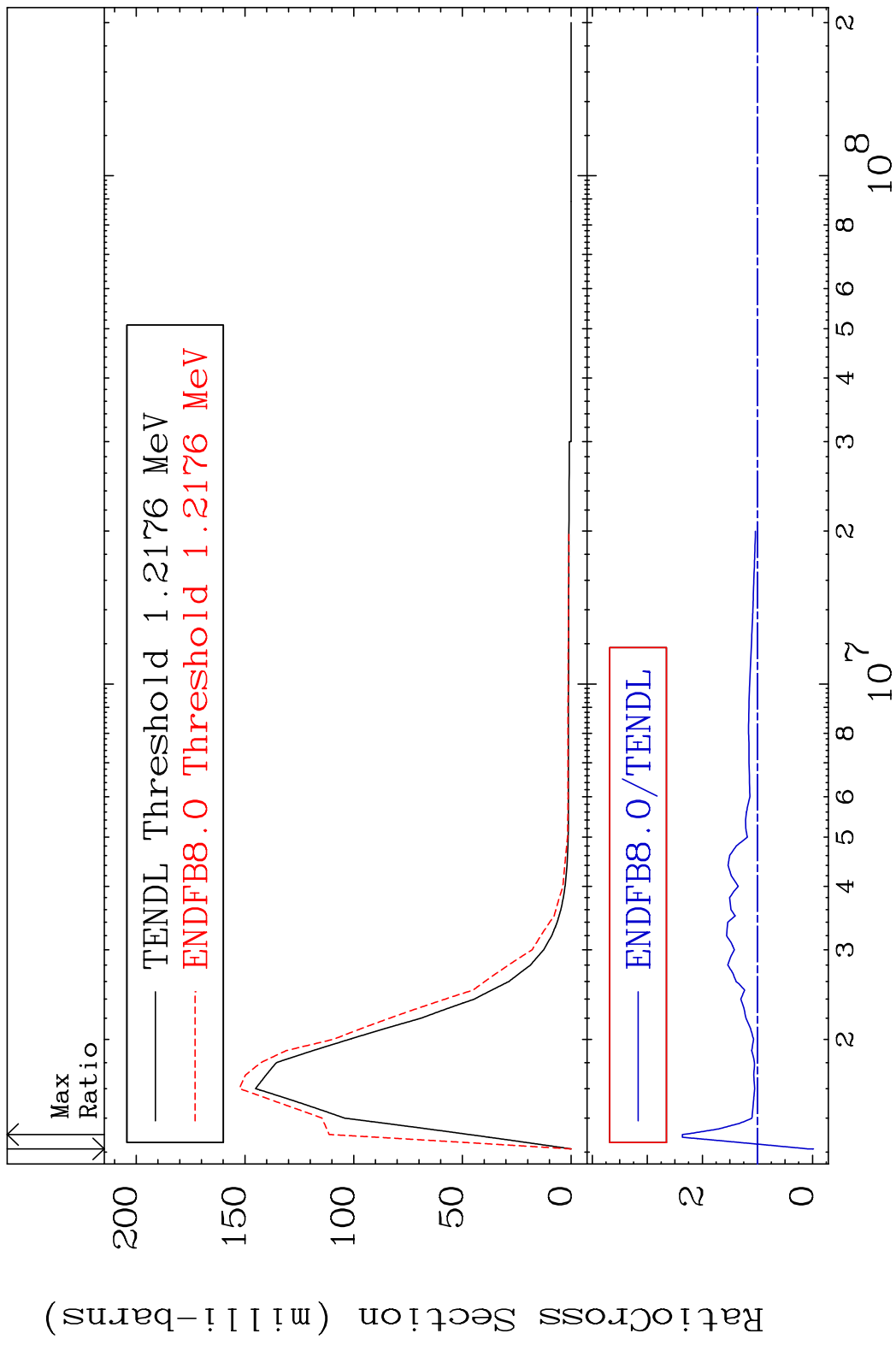
MAT 6643 MT= 58 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 110.1 %



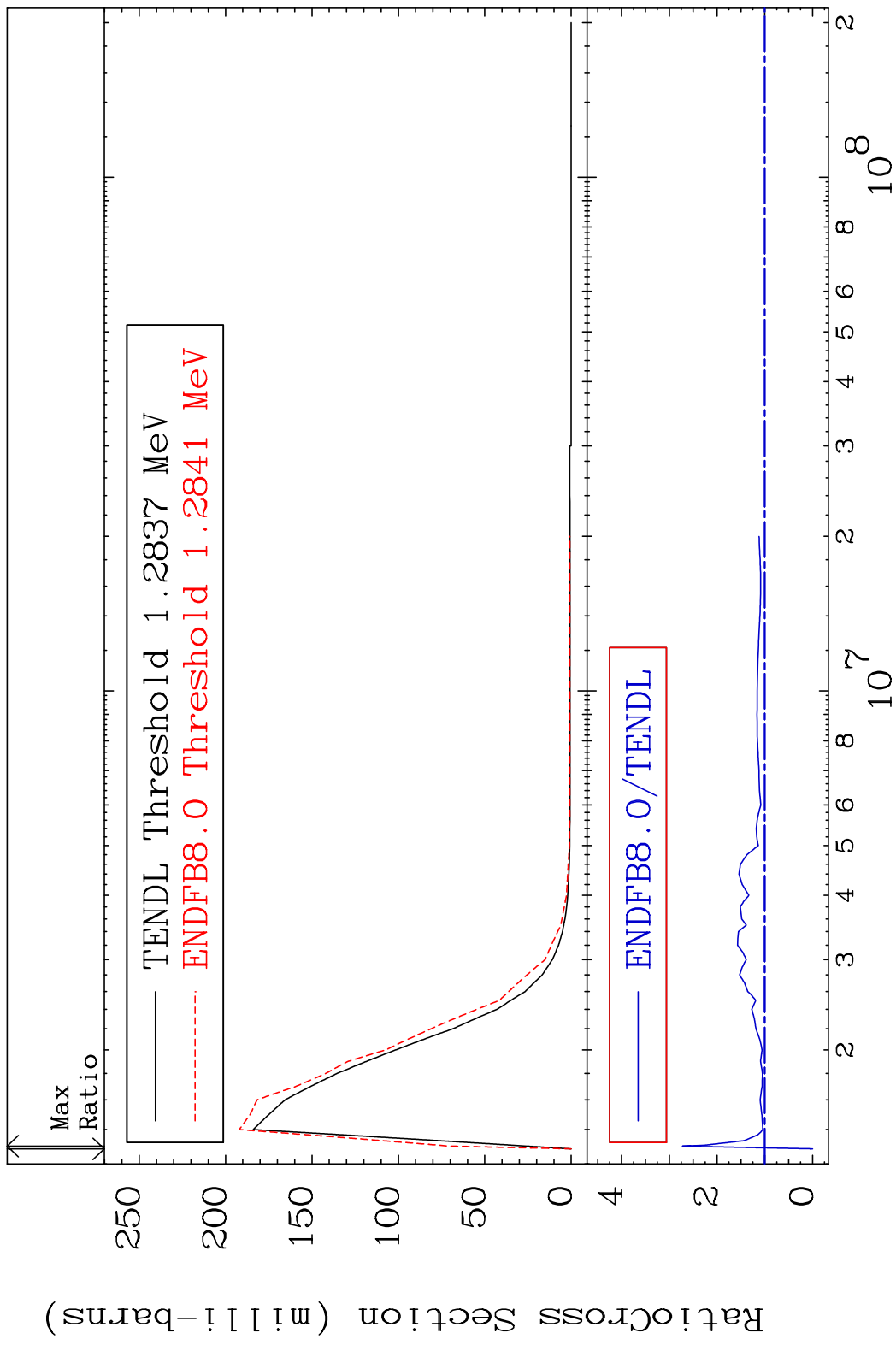
MAT 6643 MT= 59 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 84.25 %



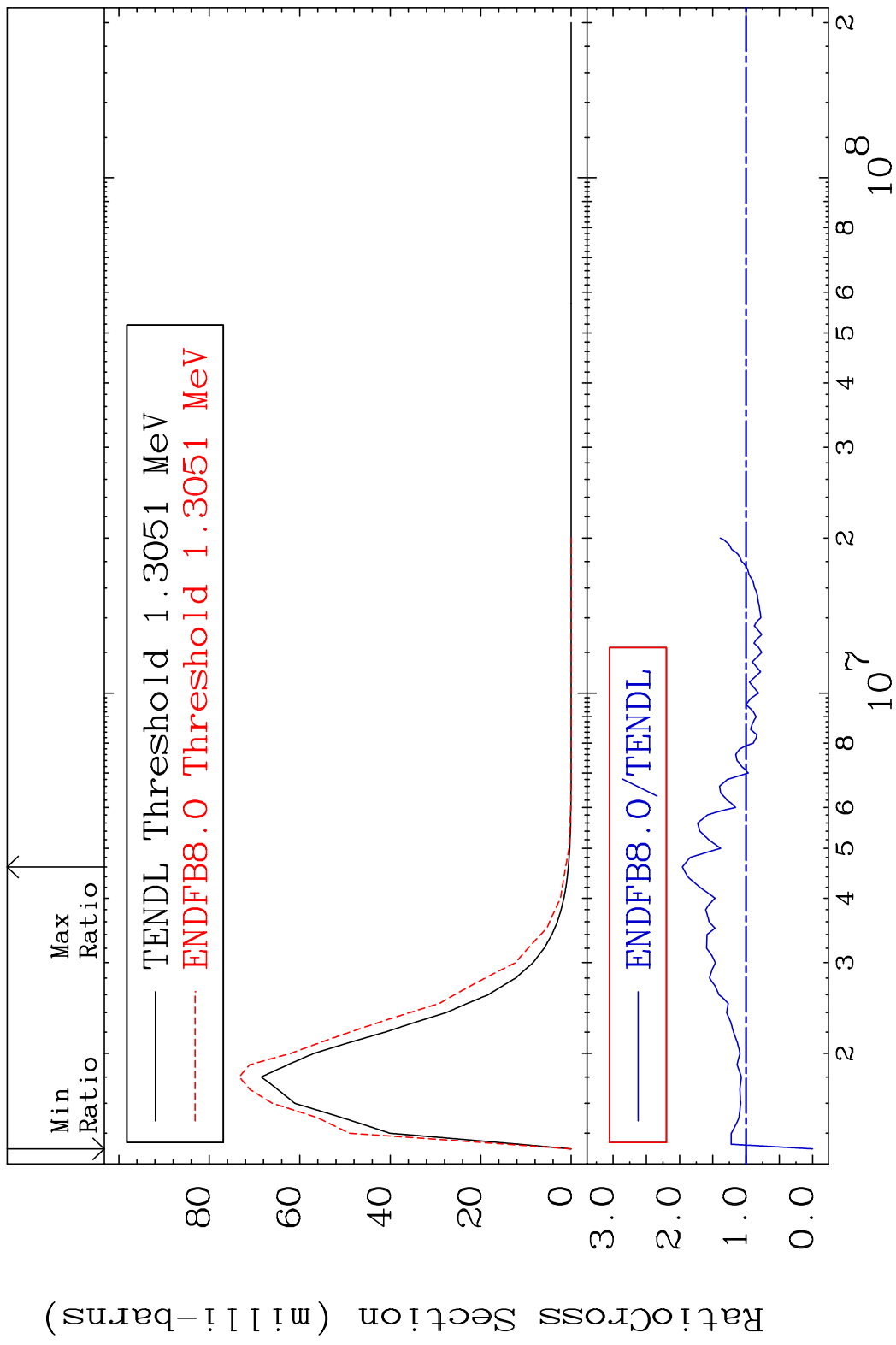
MAT 6643 MT= 60 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 136.4 %



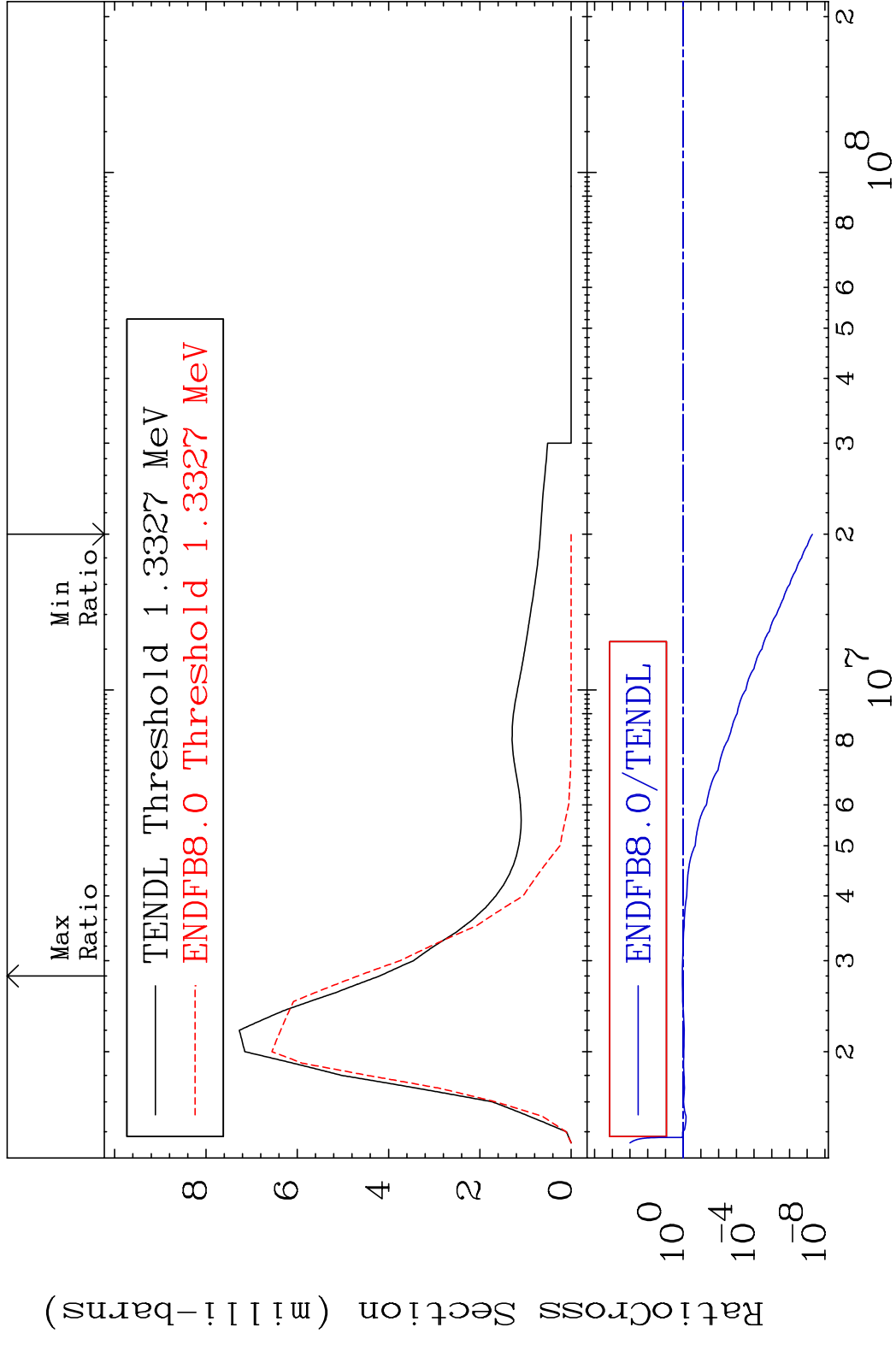
MAT 6643 MT= 61 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 172.7 %



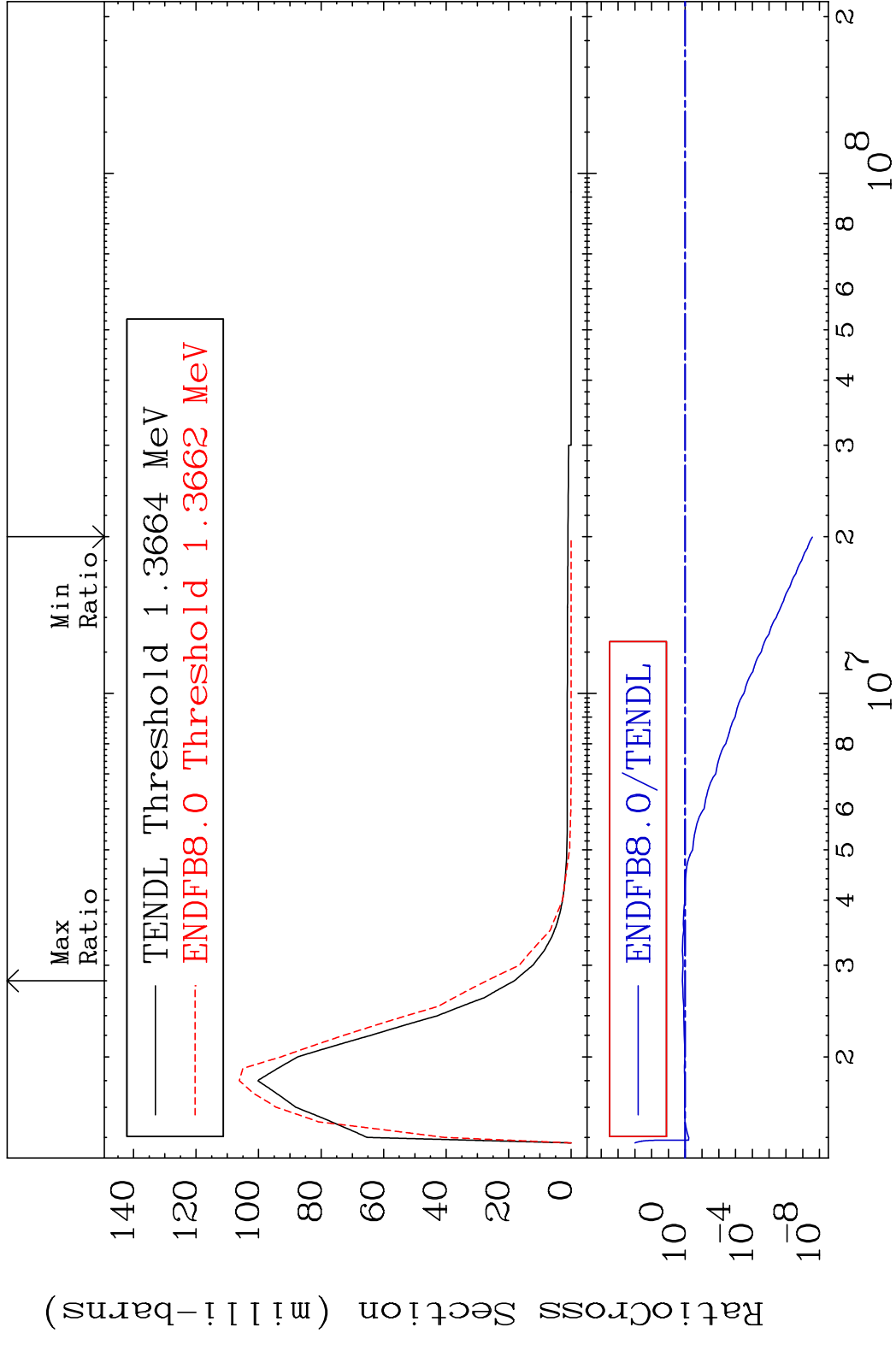
MAT 6643 MT= 62 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 95.82 %



MAT 6643 MT= 63 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 11.37 %



MAT 6643 MT= 64 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 48.41 %

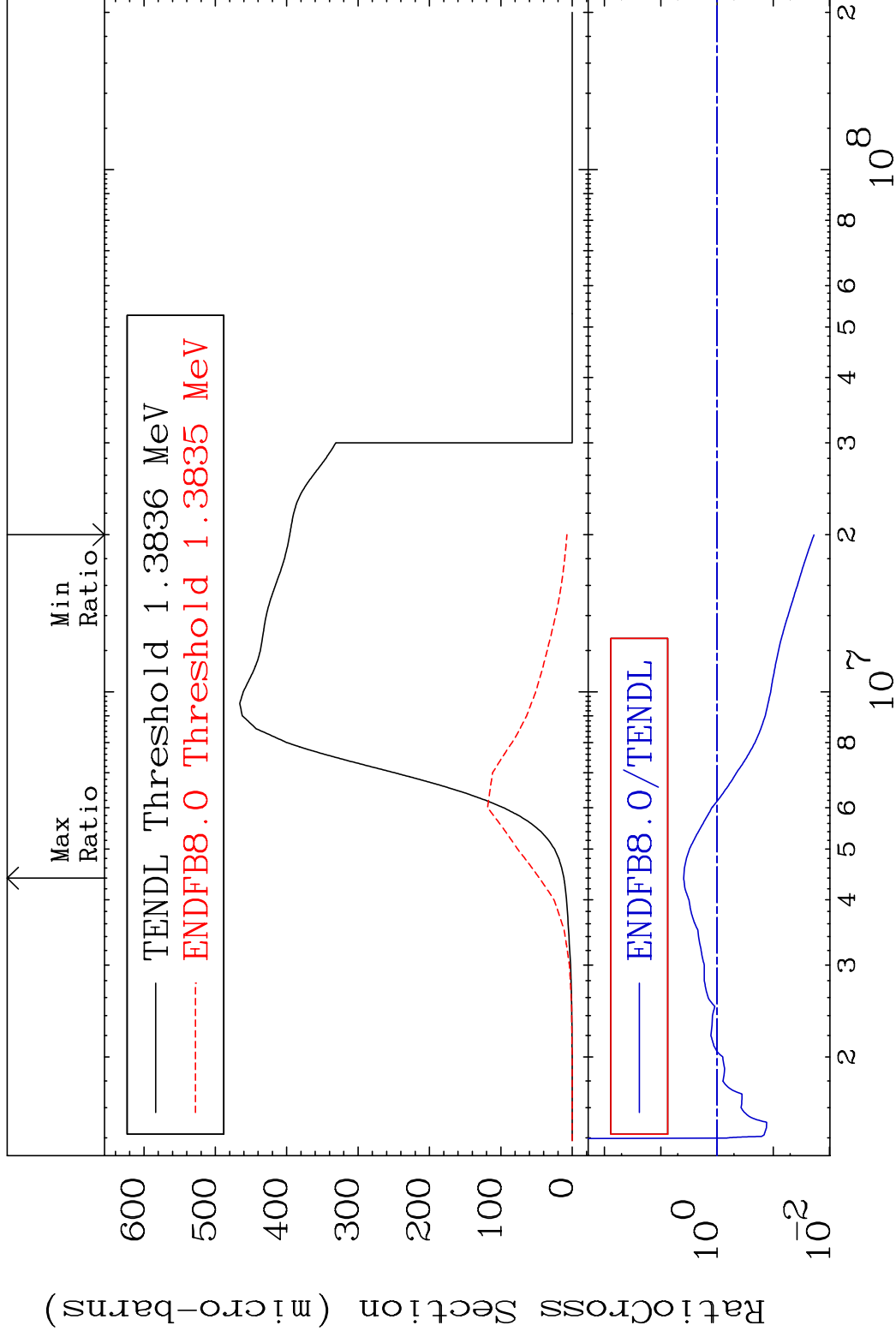


MAT 6643

MT= 65 (n, n') Level

66-Dy-162

Cross Section -98.13 To 291.1 %

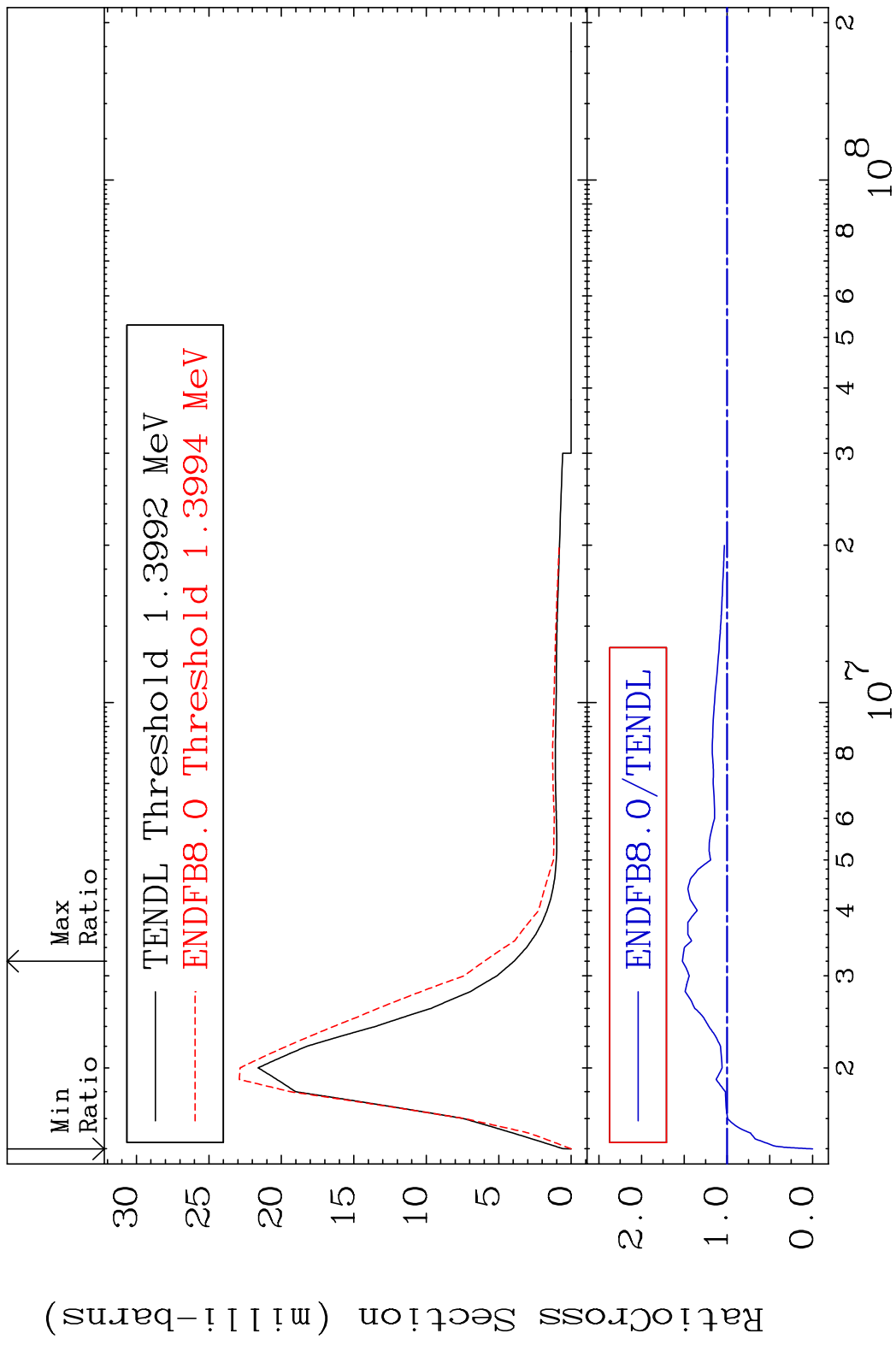


24

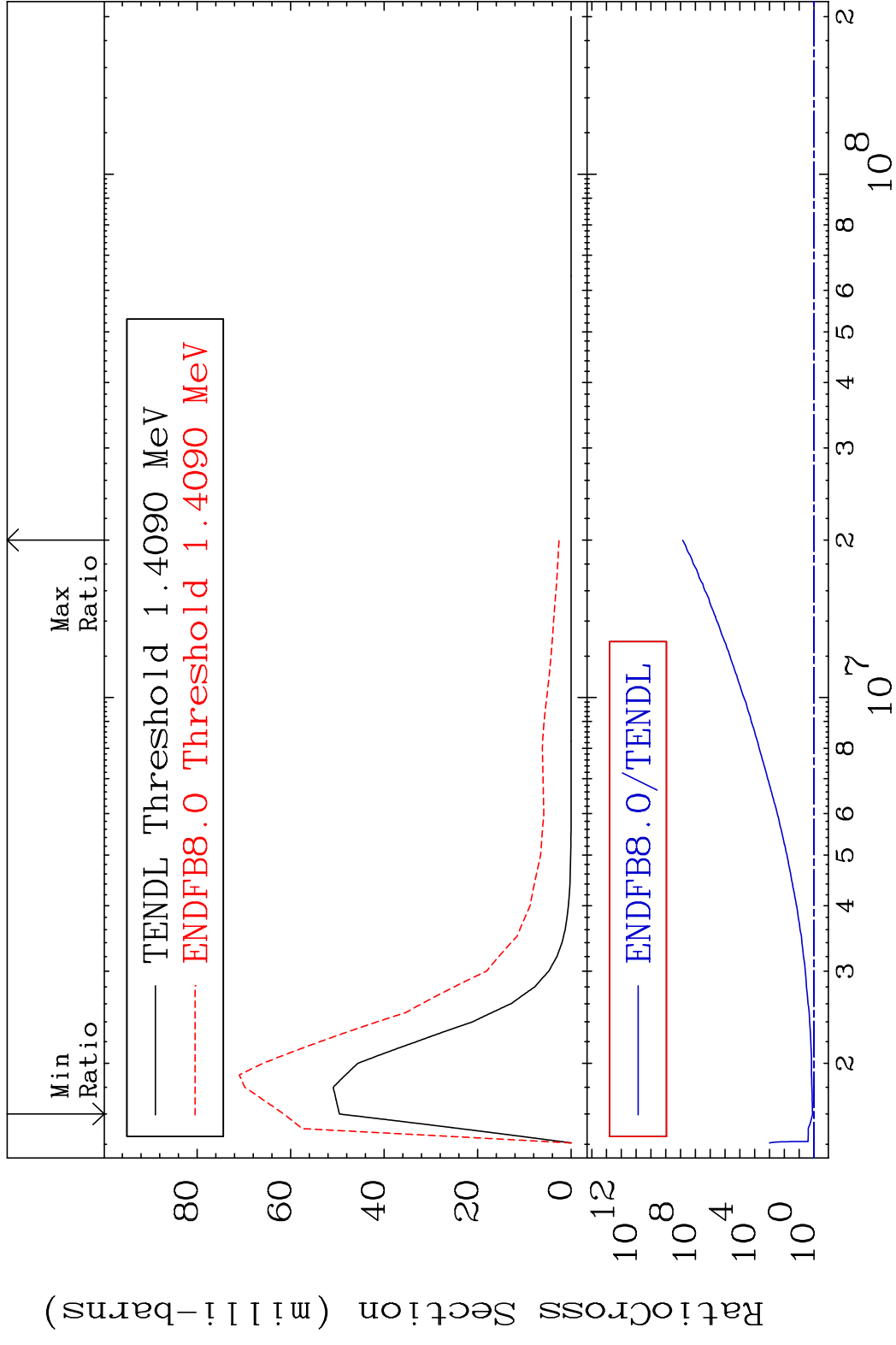
Incident Energy (eV)

66-Dy-162

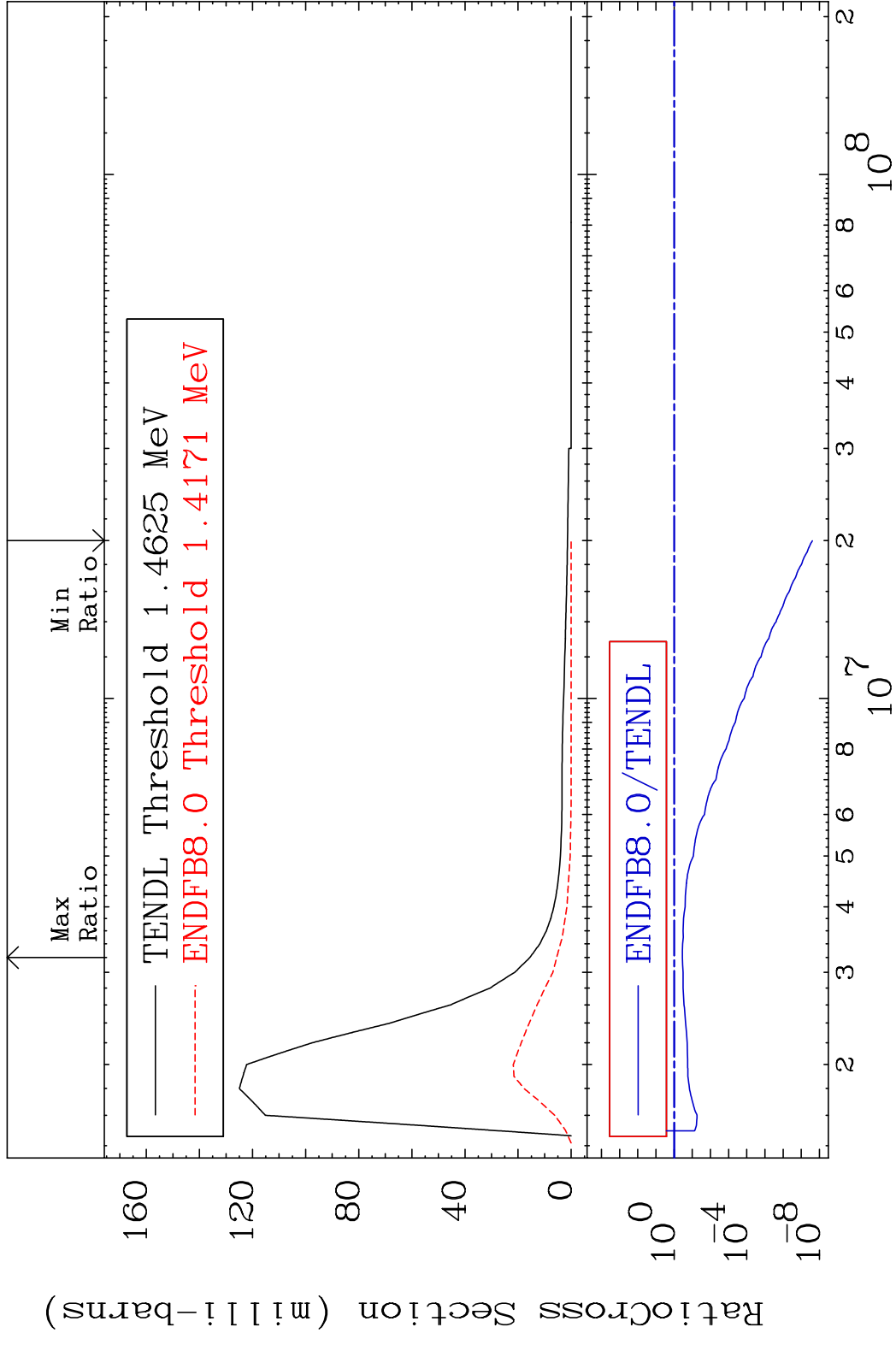
MAT 6643 MT= 66 (n,n') Level 66-Dy-162
 Cross Section -100.0 To 52.30 %



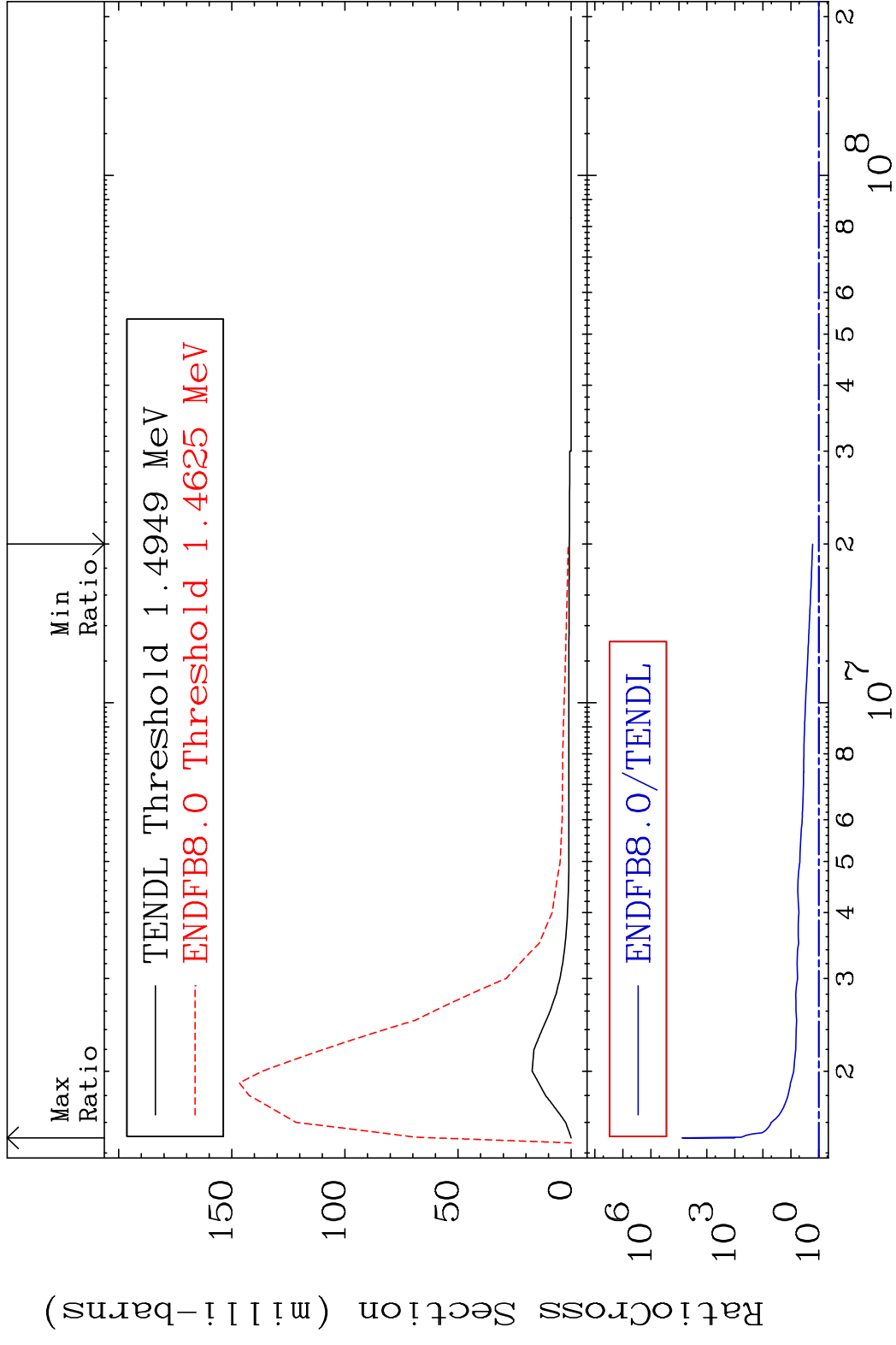
MAT 6643 MT= 67 (n, n') Level 66-Dy-162
 Cross Section 23.94 To 9999. %



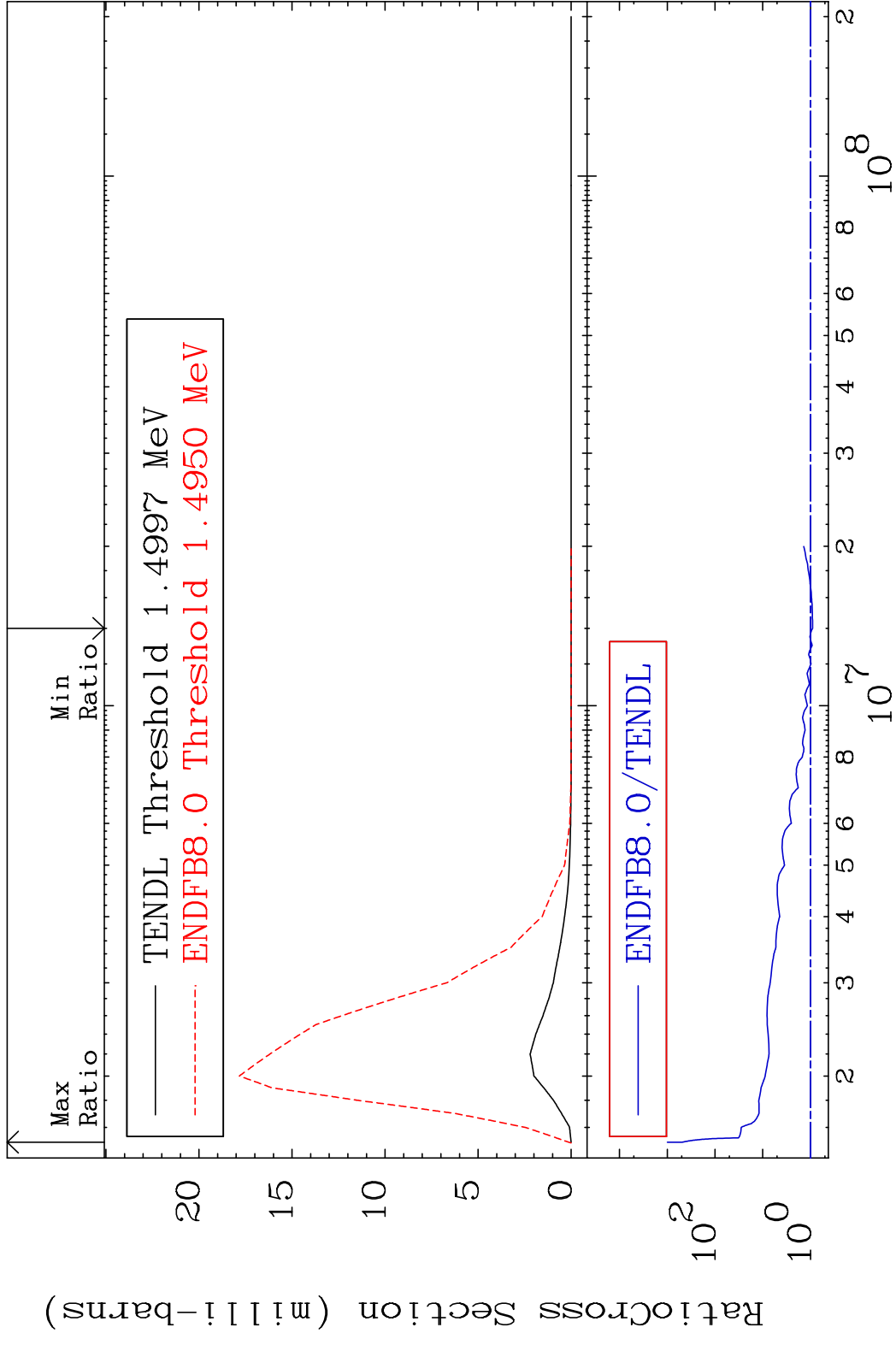
MAT 6643 MT= 68 (n, n') Level 66-Dy-162
 Cross Section -100.0 To -64.90%



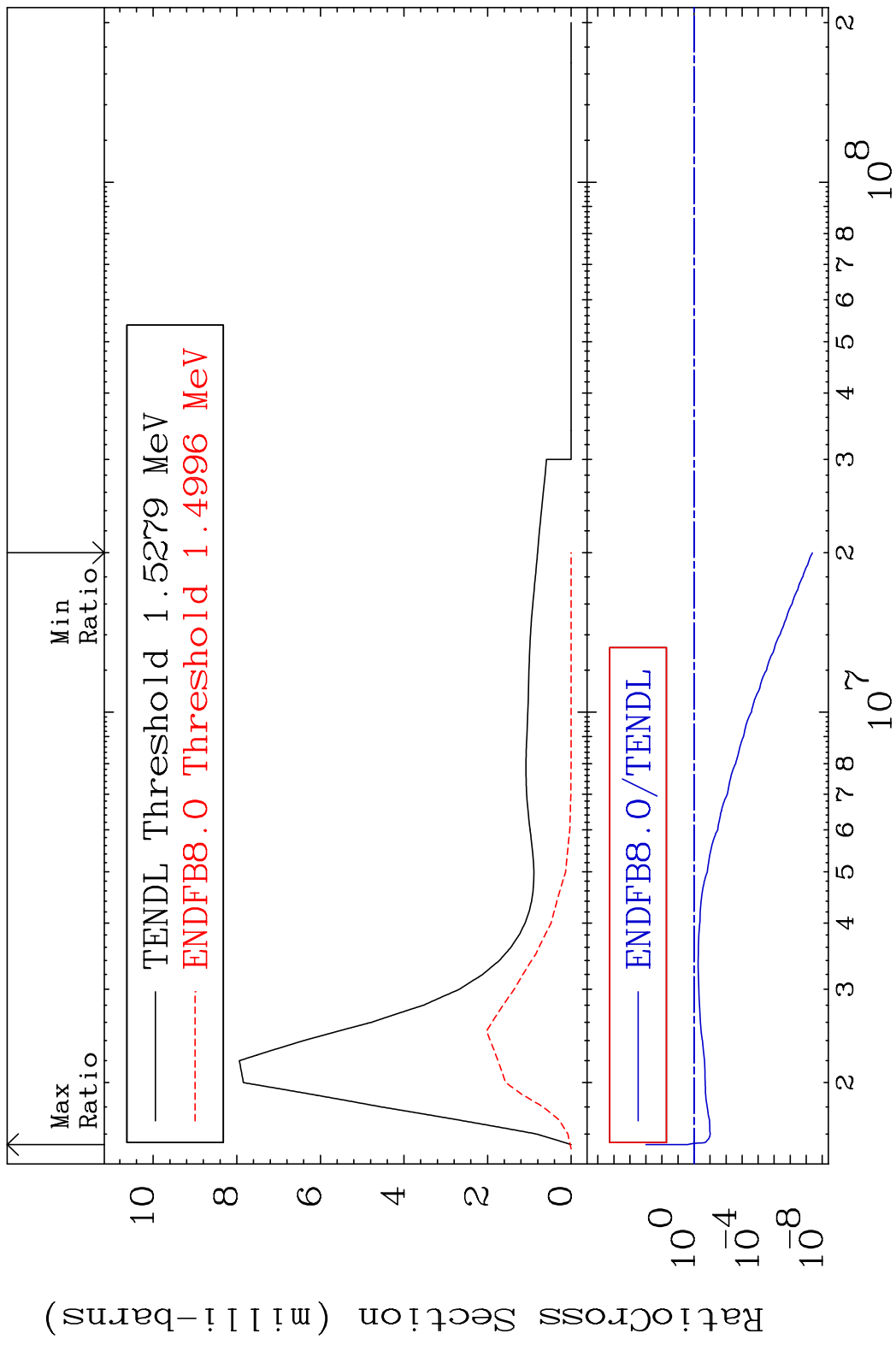
MAT 6643 MT= 69 (n, n') Level 66-Dy-162
 Cross Section 67.41 To 9999. %



MAT 6643 MT= 70 (n, n') Level 66-Dy-162
 Cross Section -9.590 To 9999. %

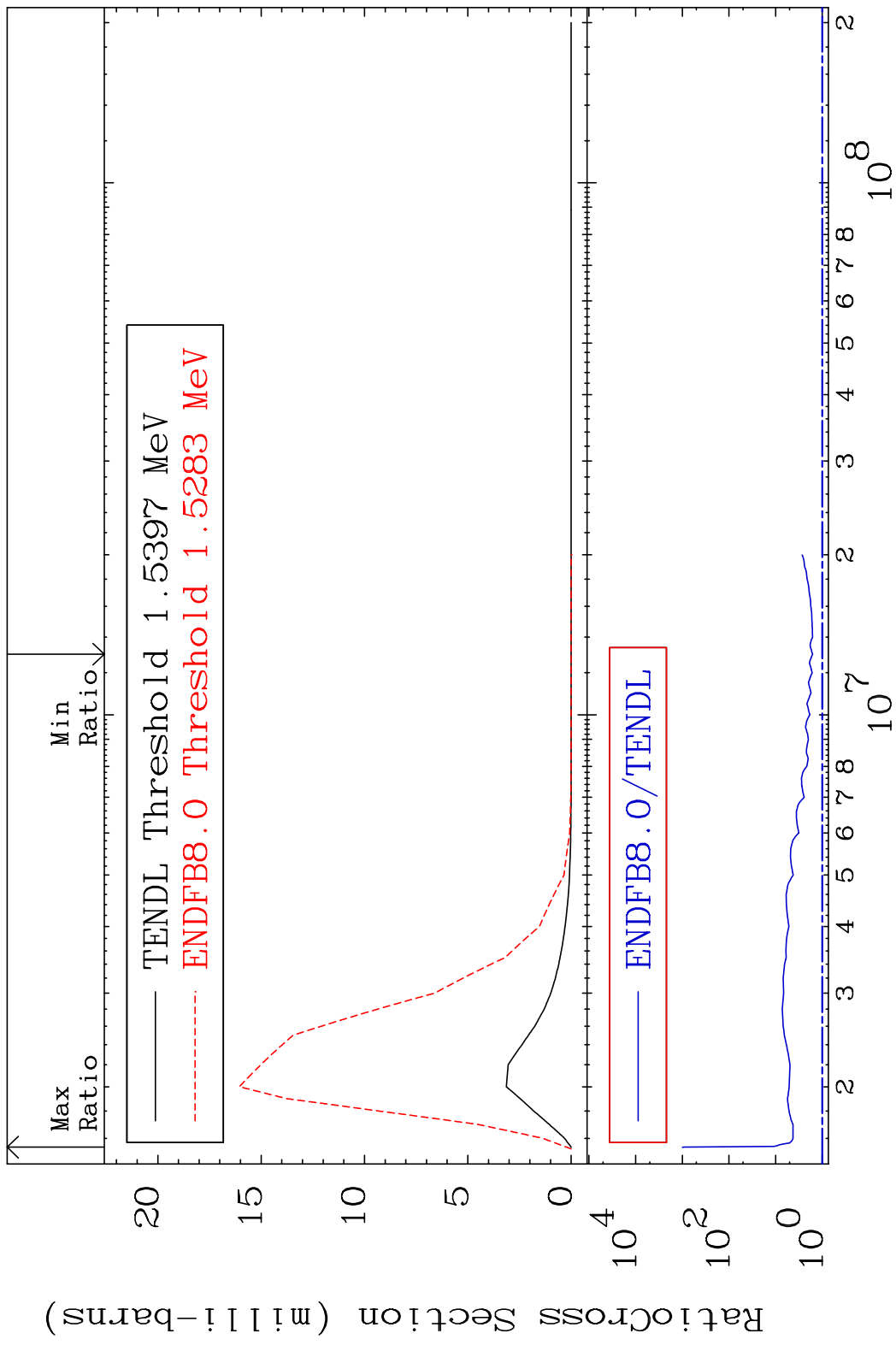


MAT 6643 MT= 71 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 435.1 %

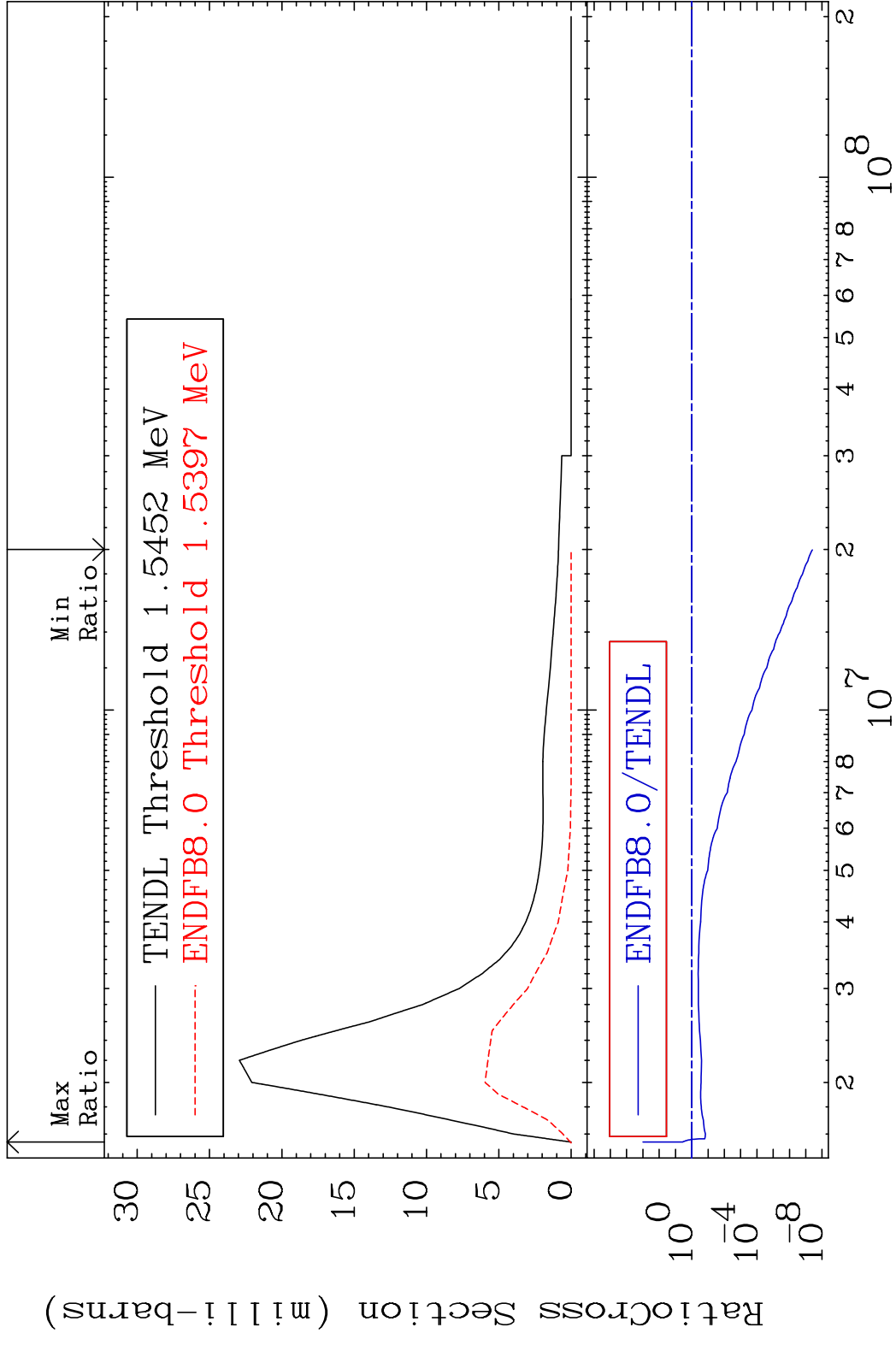


30 Incident Energy (eV) 66-Dy-162

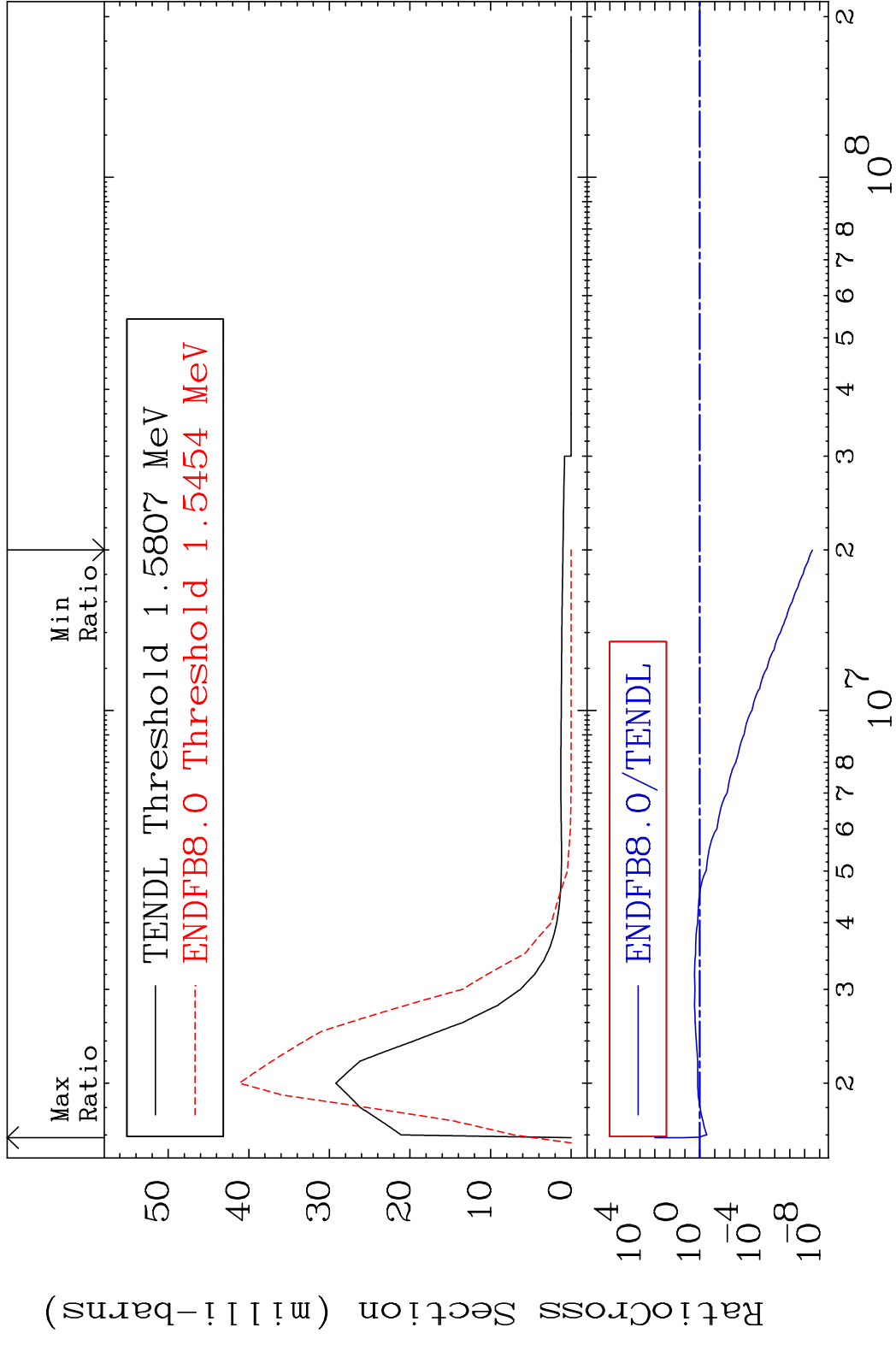
MAT 6643 MT= 72 (n, n') Level 66-Dy-162
 Cross Section 61.64 To 9999. %



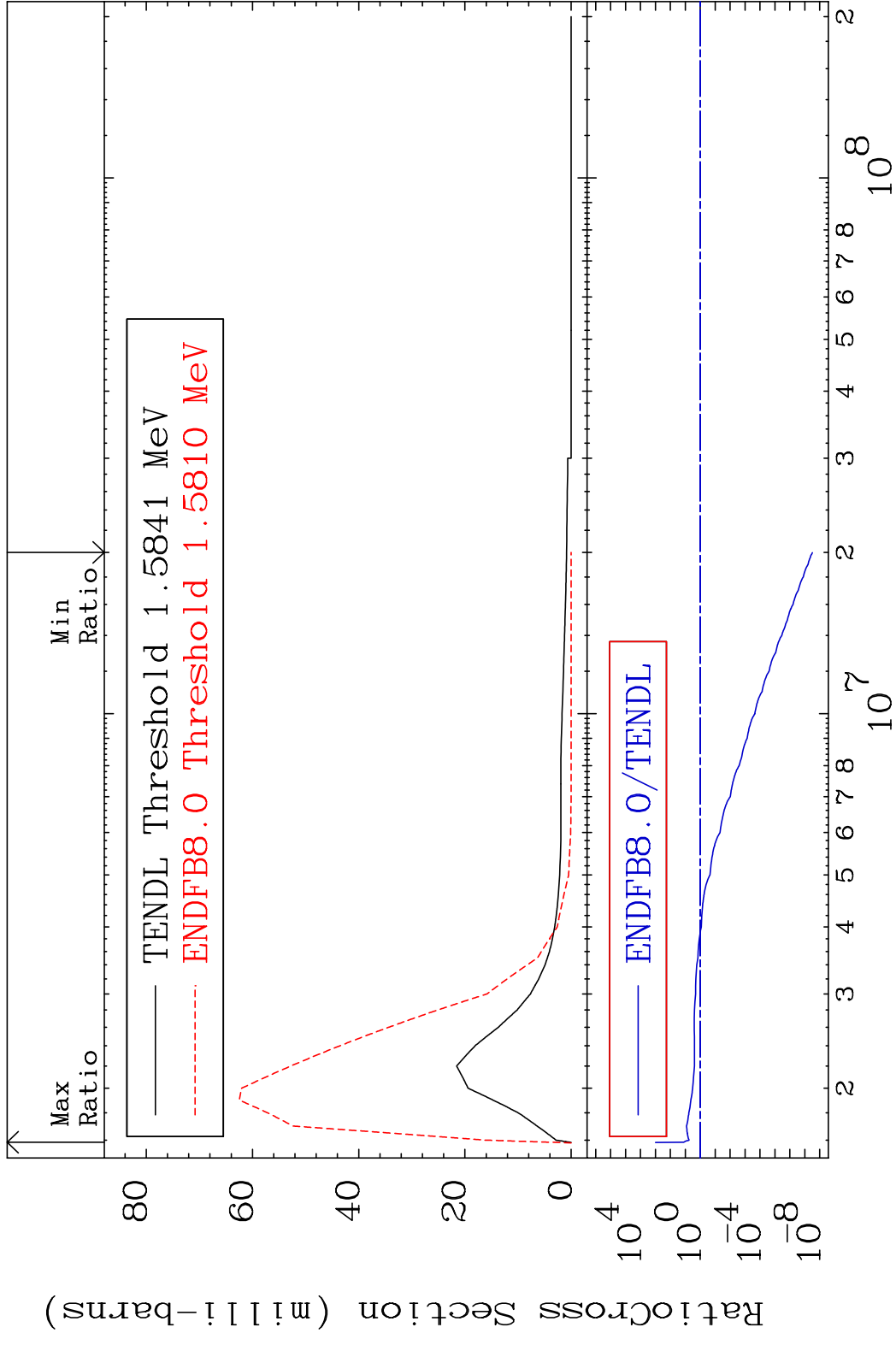
MAT 6643 MT= 73 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 278.5 %



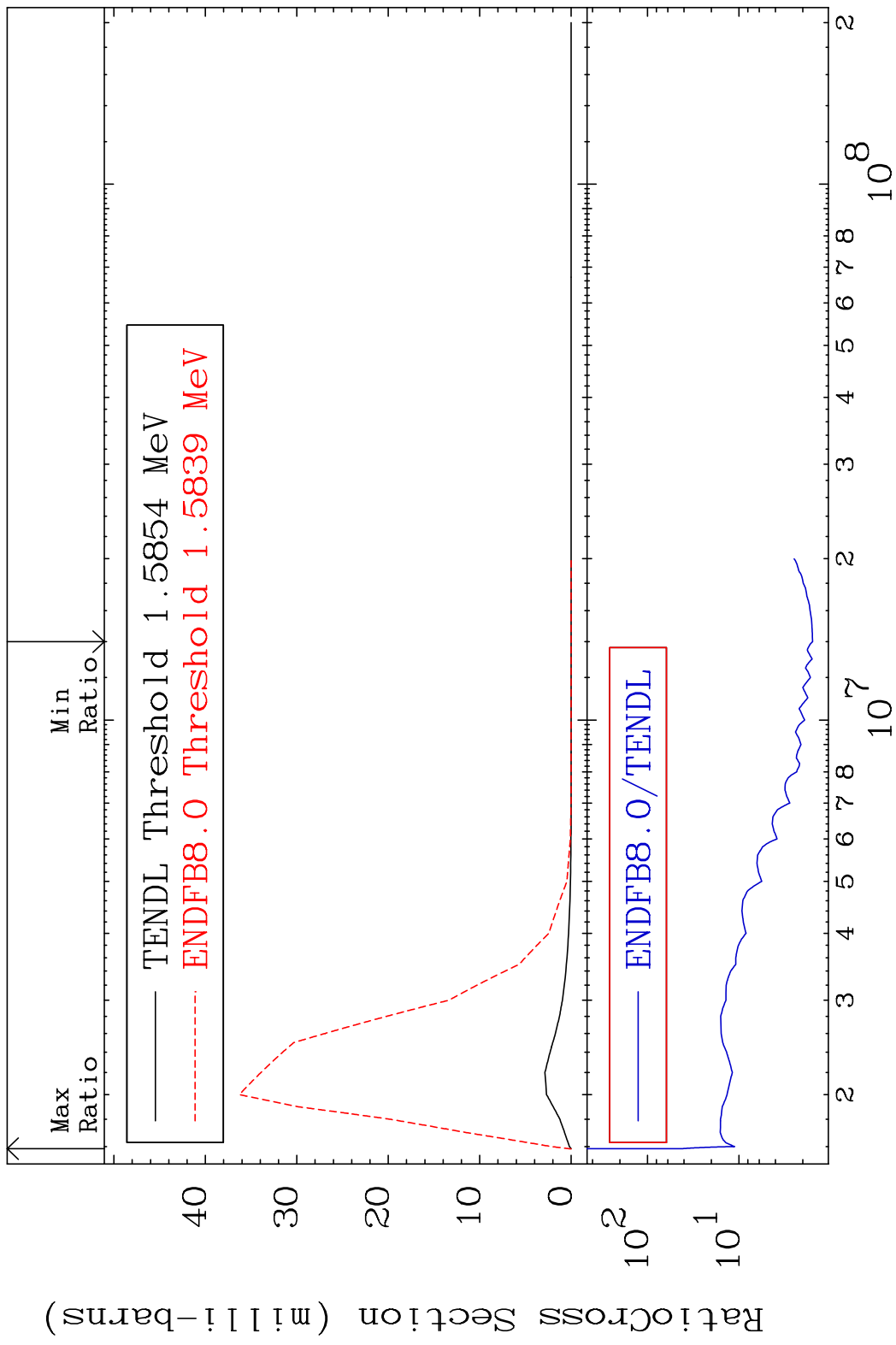
MAT 6643 MT= 74 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 1365. %



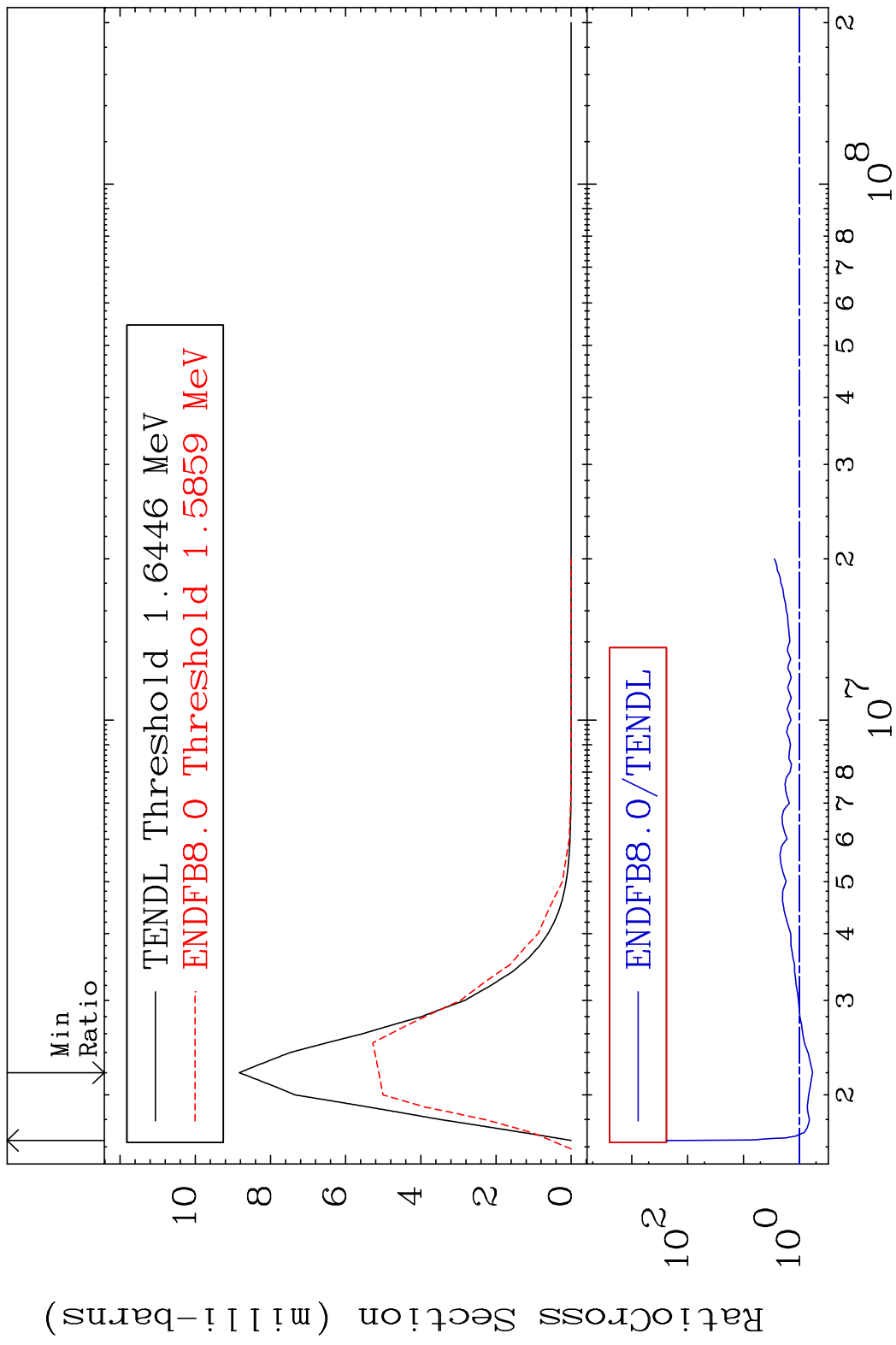
MAT 6643 MT= 75 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 1475. %



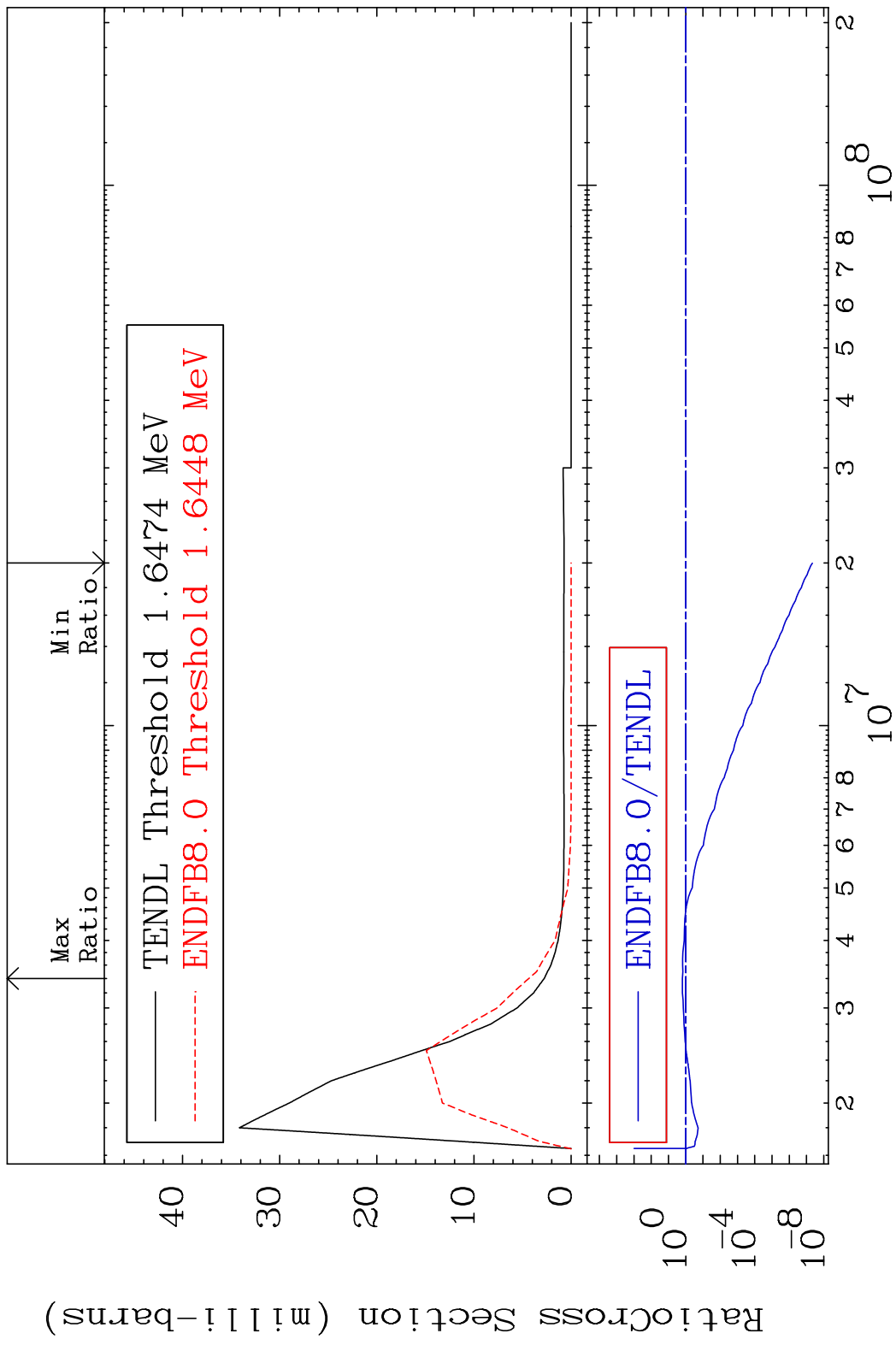
MAT 6643 MT= 76 (n, n') Level 66-Dy-162
 Cross Section 56.80 To 4059. %



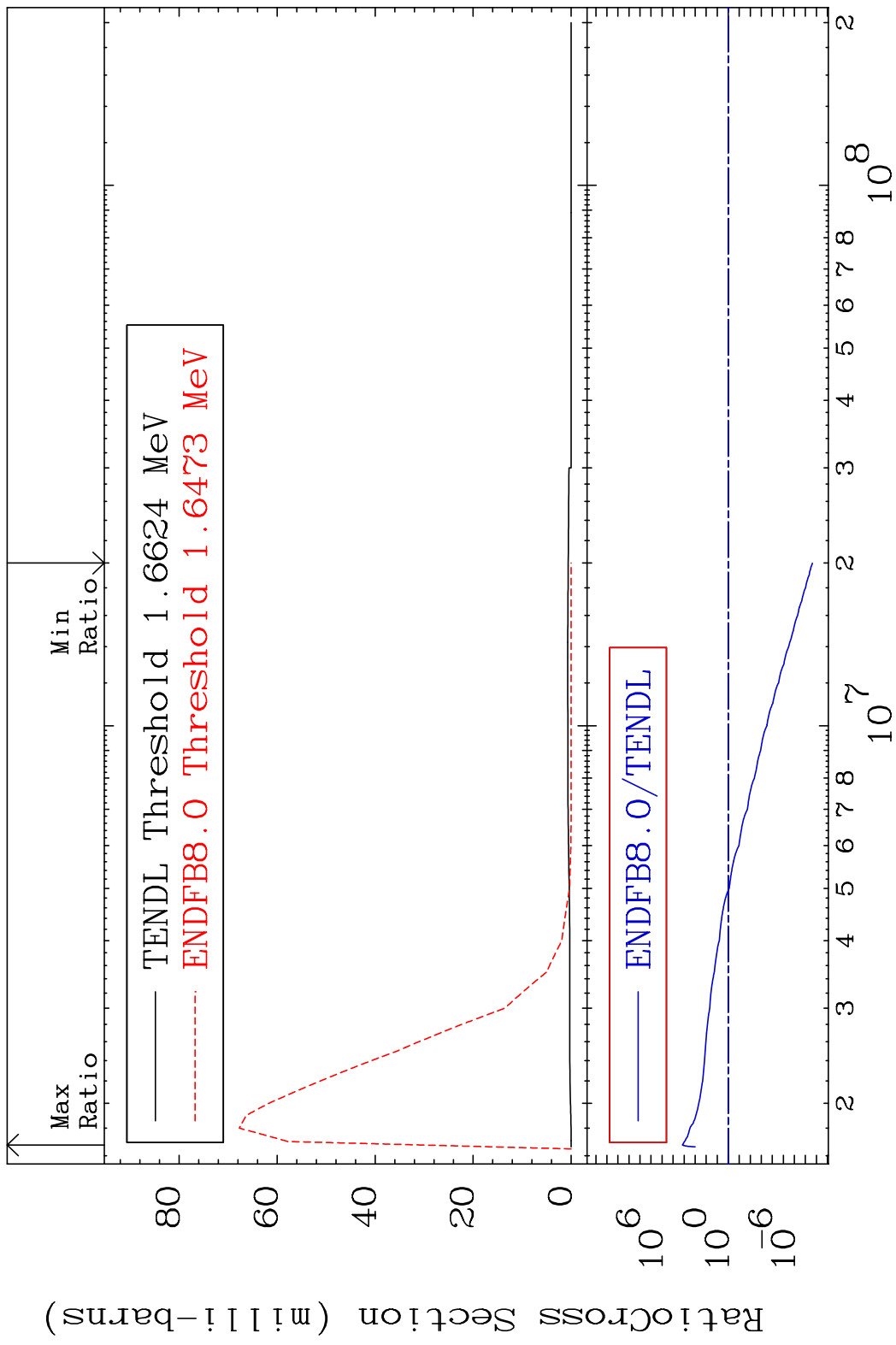
MAT 6643 MT= 77 (n,n') Level 66-Dy-162
 Cross Section -42.04 To 9999. %



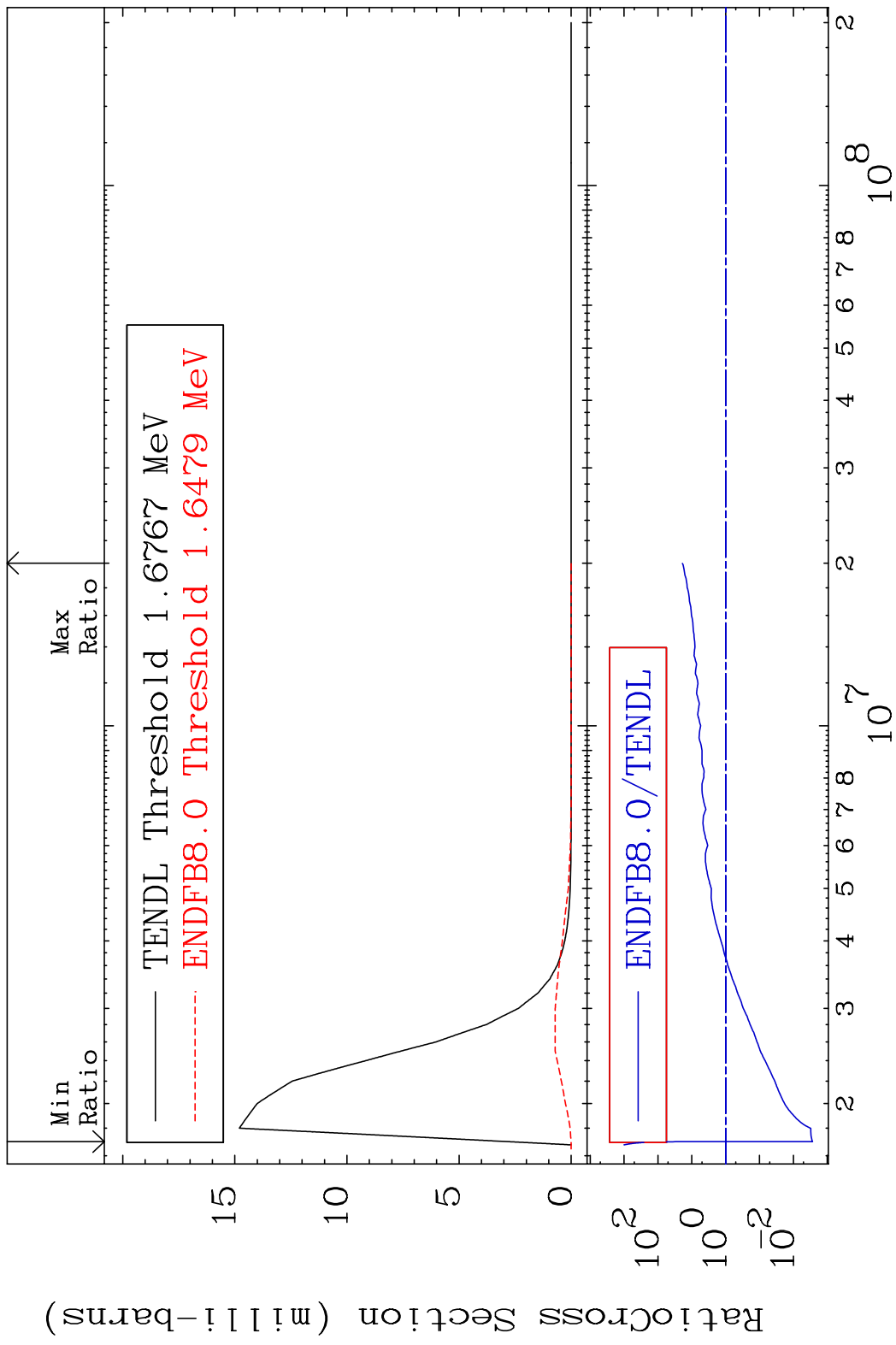
MAT 6643 MT= 78 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 57.49 %



MAT 6643 MT= 79 (n, n') Level 66-Dy-162
 Cross Section -100.0 To 9999. %



MAT 6643 MT= 80 (n, n') Level 66-Dy-162
 Cross Section -99.73 To 1797. %

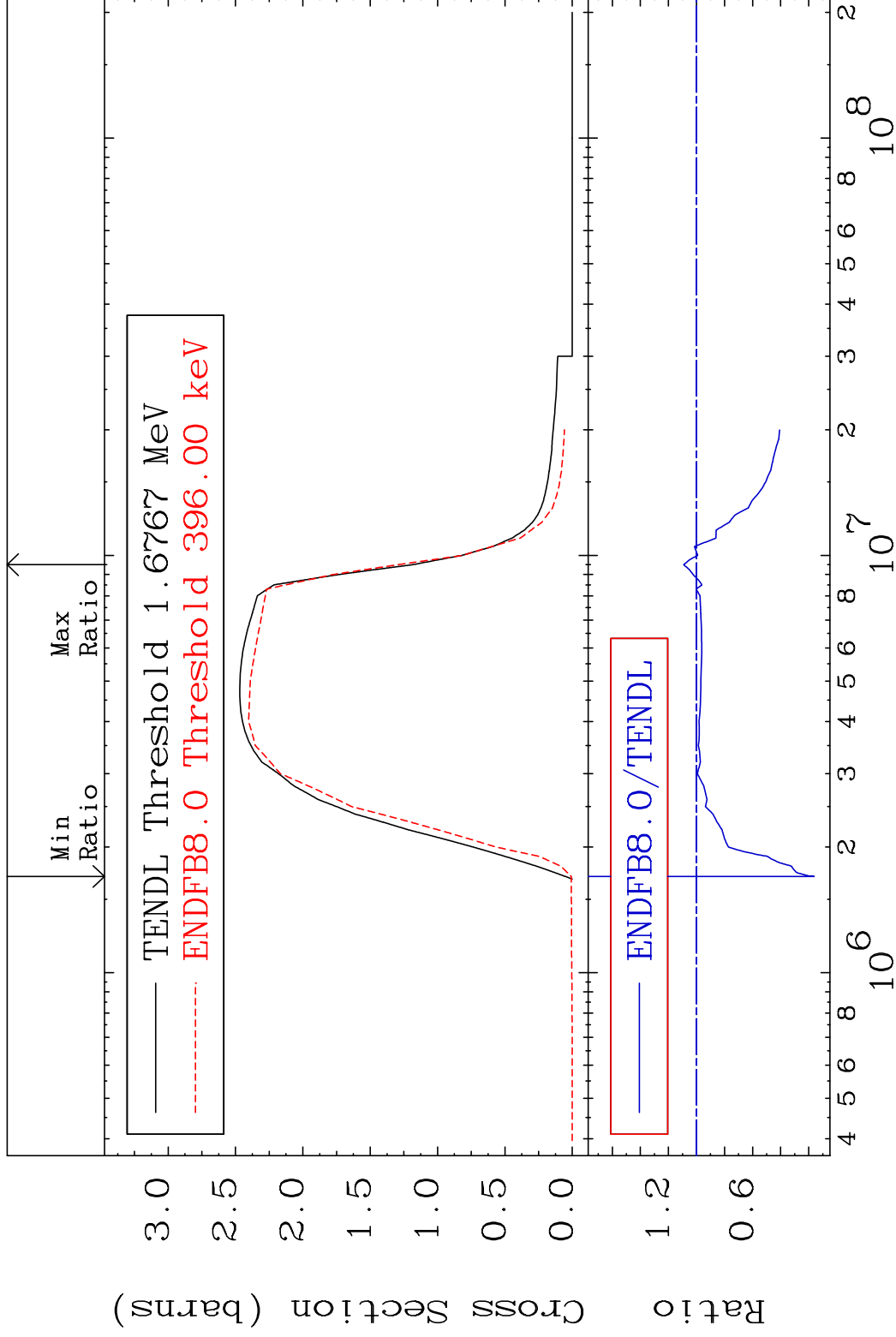


MAT 6643

(n, n') Continuum

66-Dy-162

Cross Section -83.84 To 9.144 %



40

Incident Energy (eV)

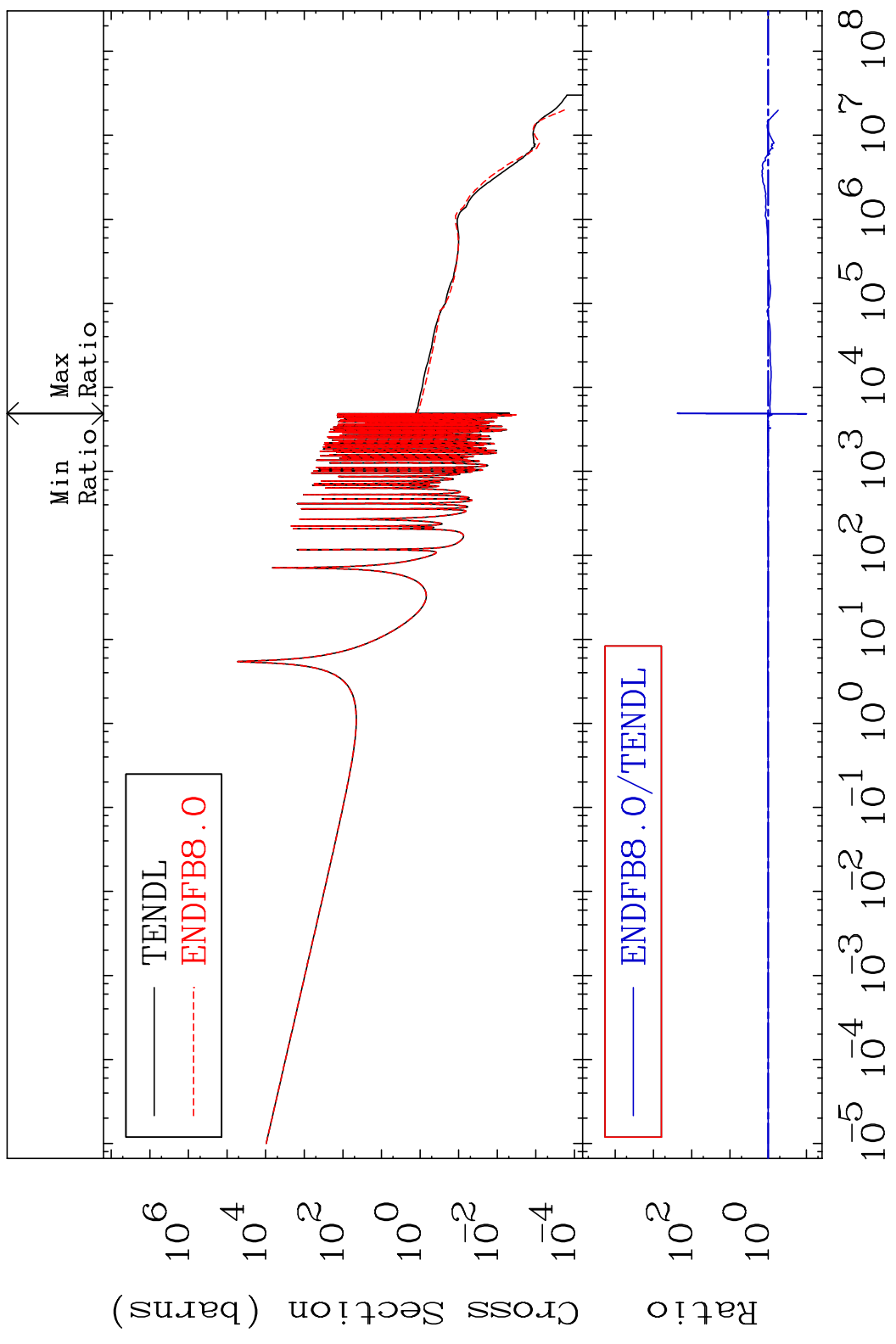
66-Dy-162

MAT 6643

(n, γ)

66-Dy-162

Cross Section -89.98 To 9999. %



41

Incident Energy (eV)

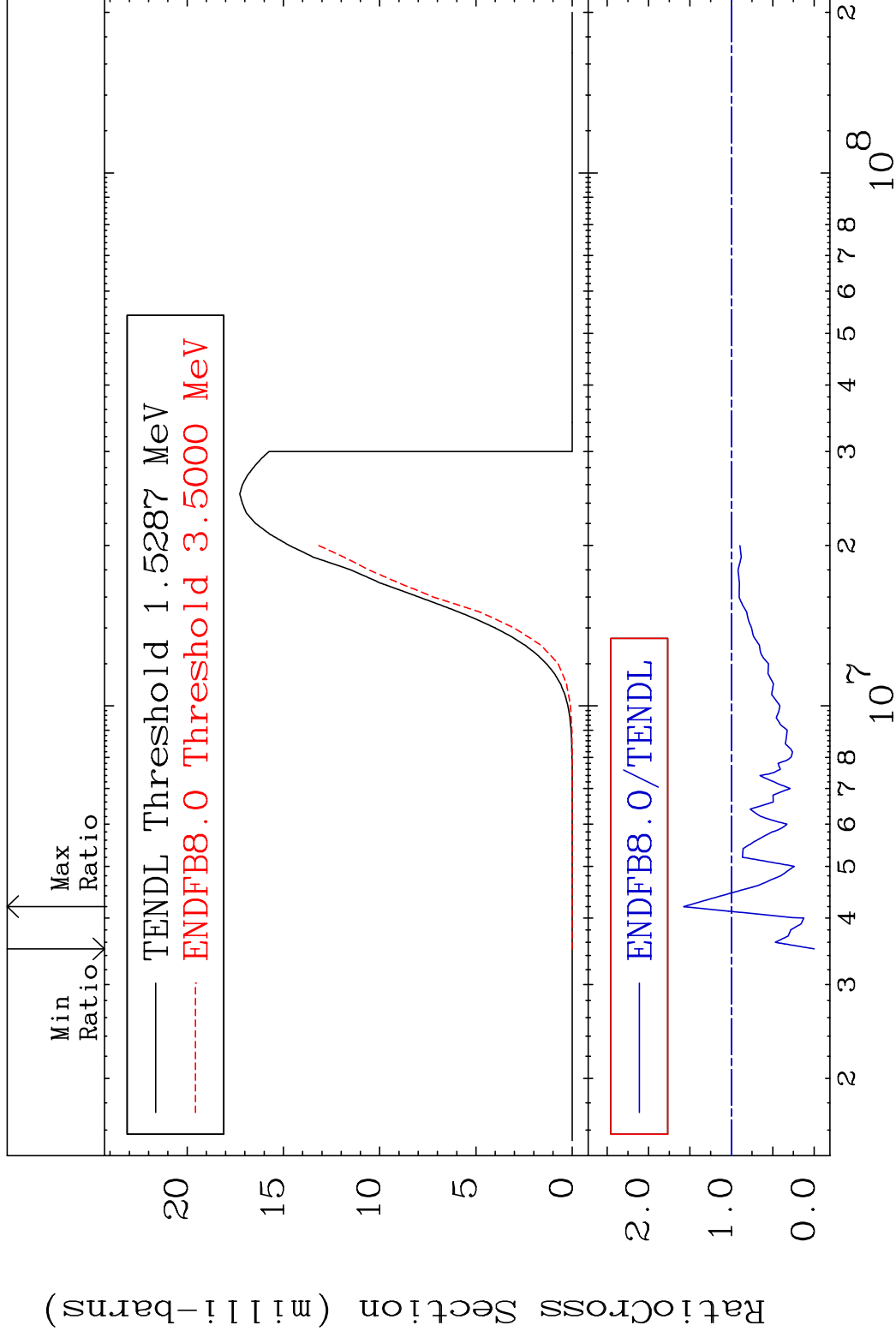
66-Dy-162

MAT 6643

(n,p)

66-Dy-162

Cross Section -100.0 To 57.61 %



42

Incident Energy (eV)

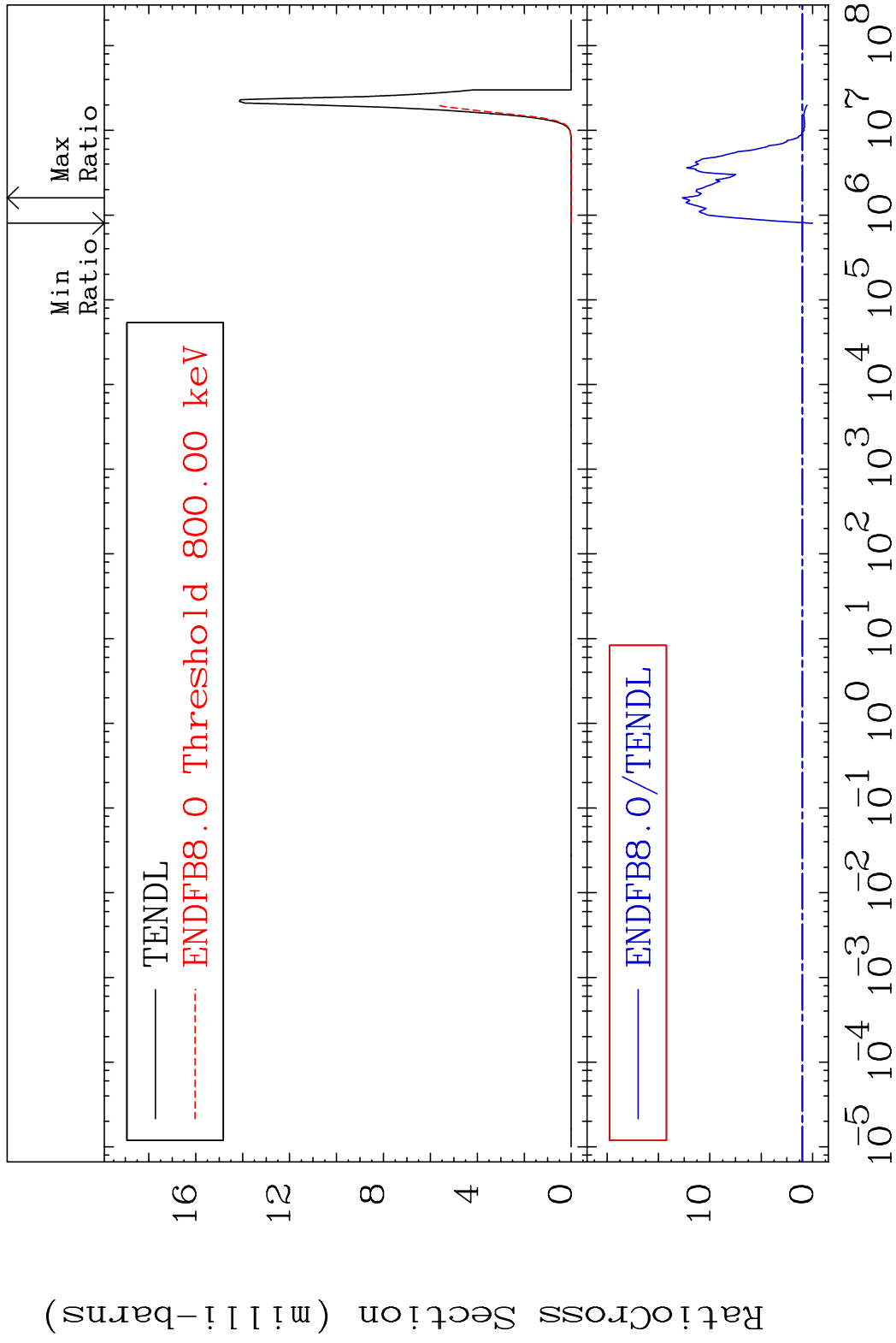
66-Dy-162

MAT 6643

(n, α)

66-Dy-162

Cross Section -100.0 To 1167. %



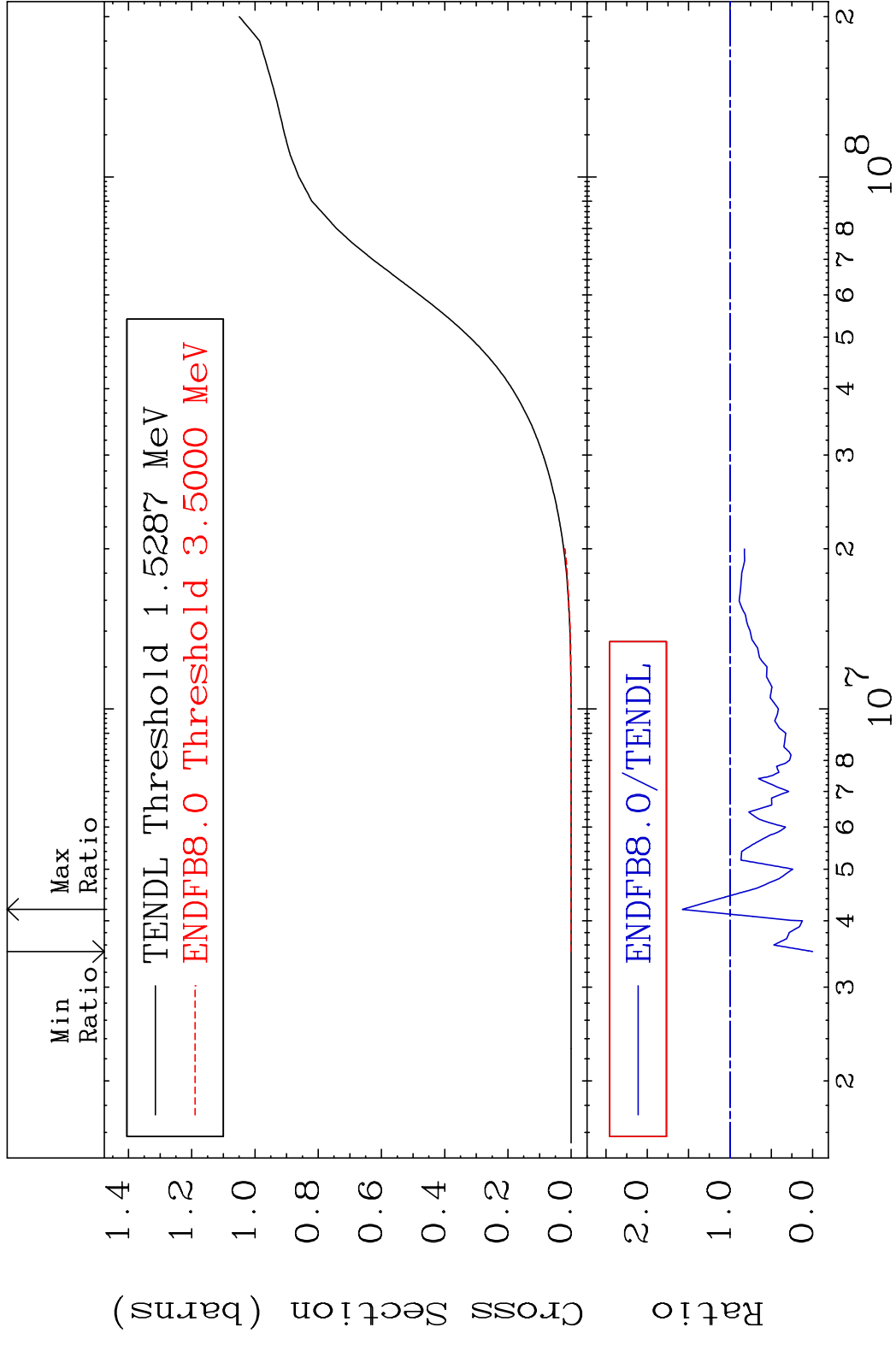
43

Incident Energy (eV)

66-Dy-162

MAT 6643

Hydrogen Production 66-Dy-162
Cross Section -100.0 To 57.61 %

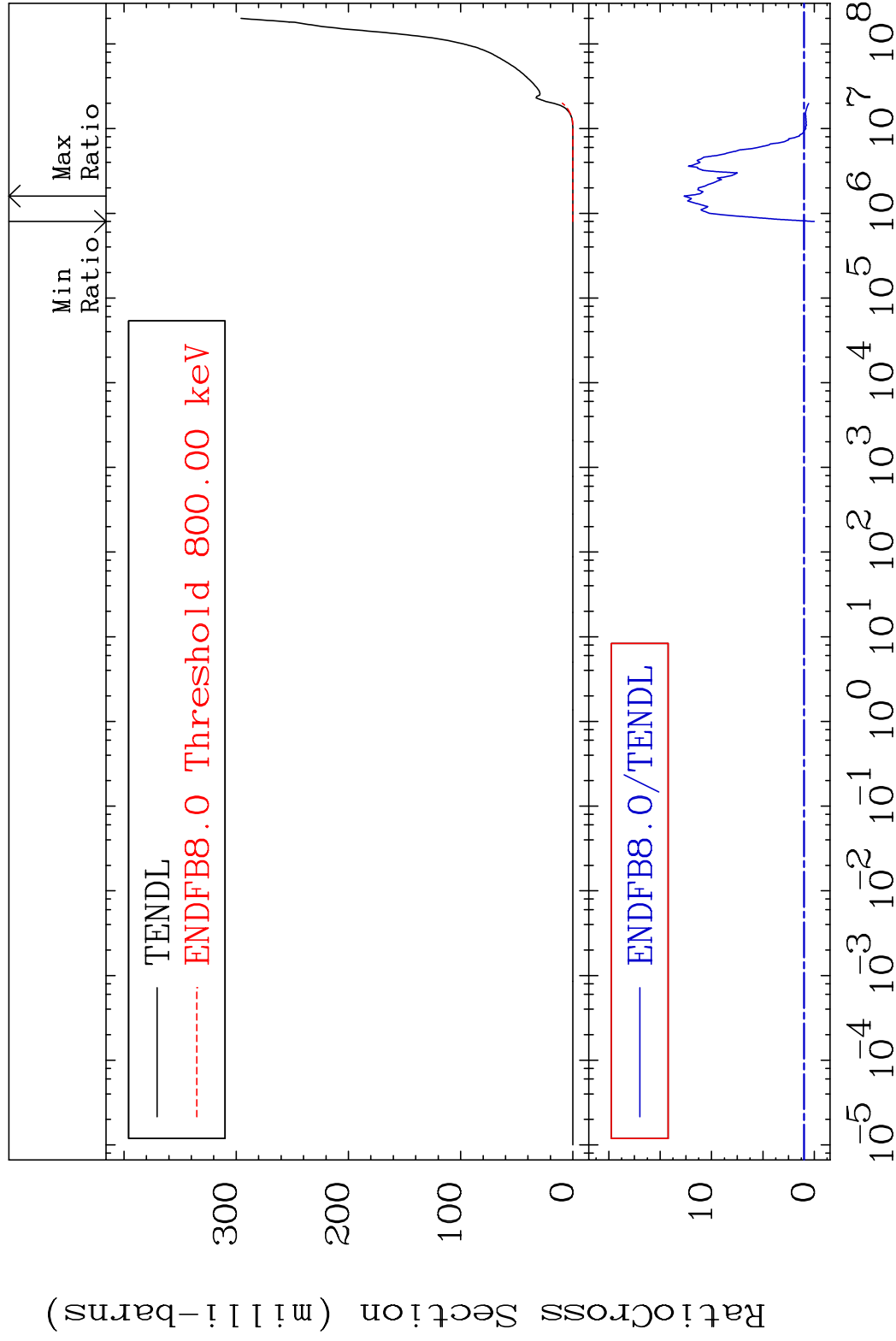


MAT 6643

He-4 Production

66-Dy-162

Cross Section -100.0 To 1167. %

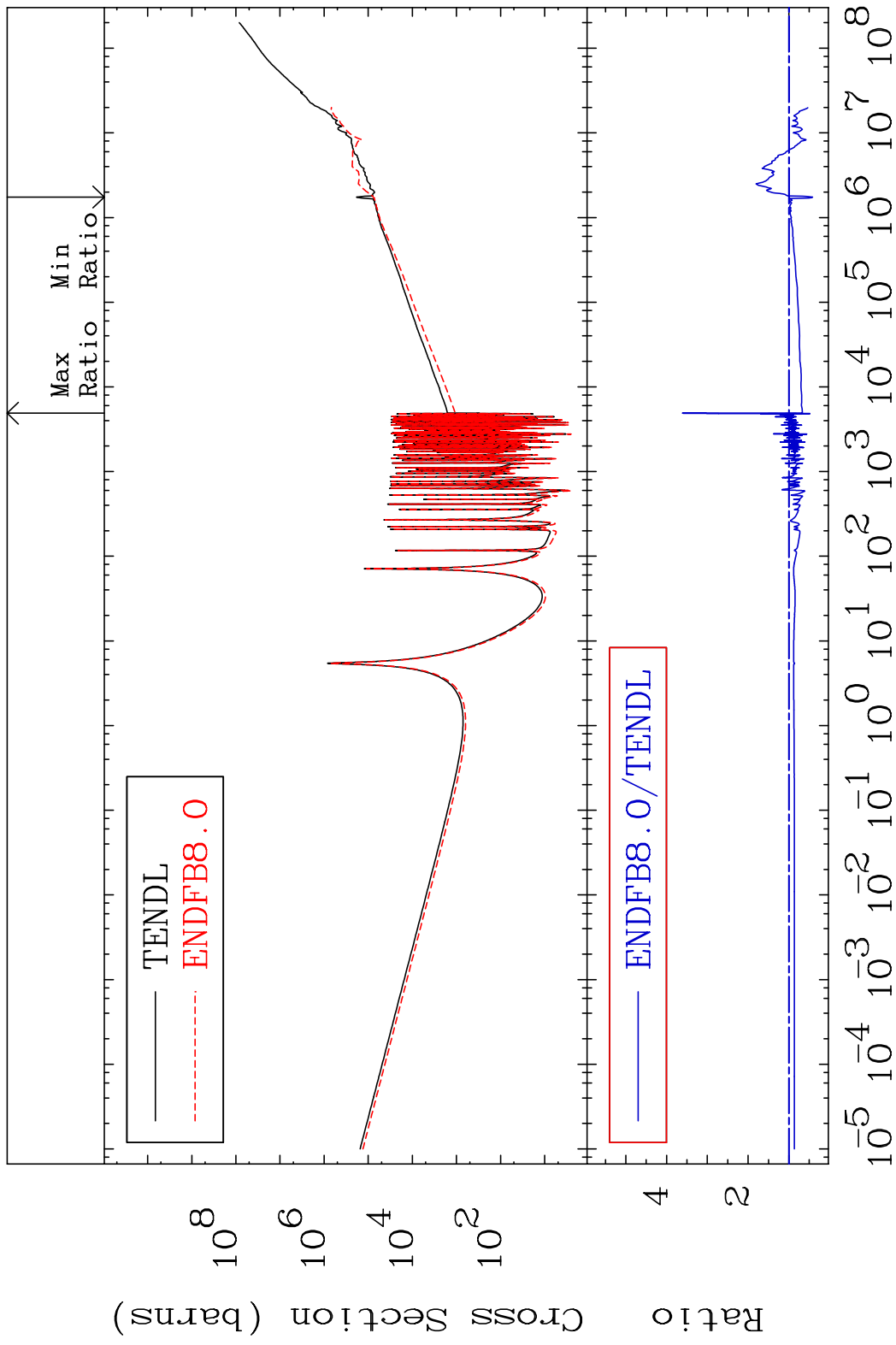


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Incident Energy (eV)

66-Dy-162

MAT 6643 Kerma total (eV-barns) 66-Dy-162
 Cross Section -58.12 To 261.3 %

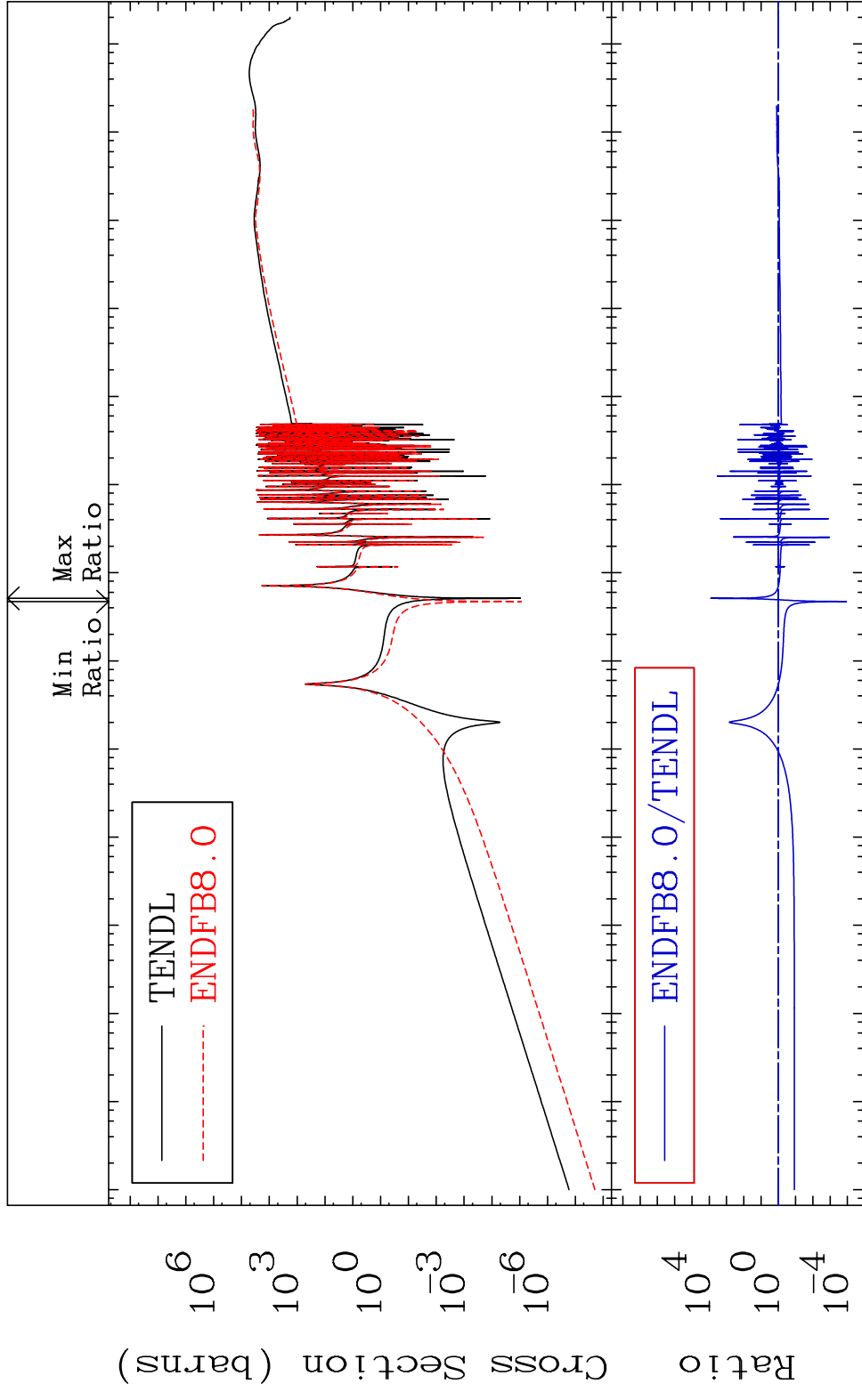


46 Incident Energy (eV) 66-Dy-162

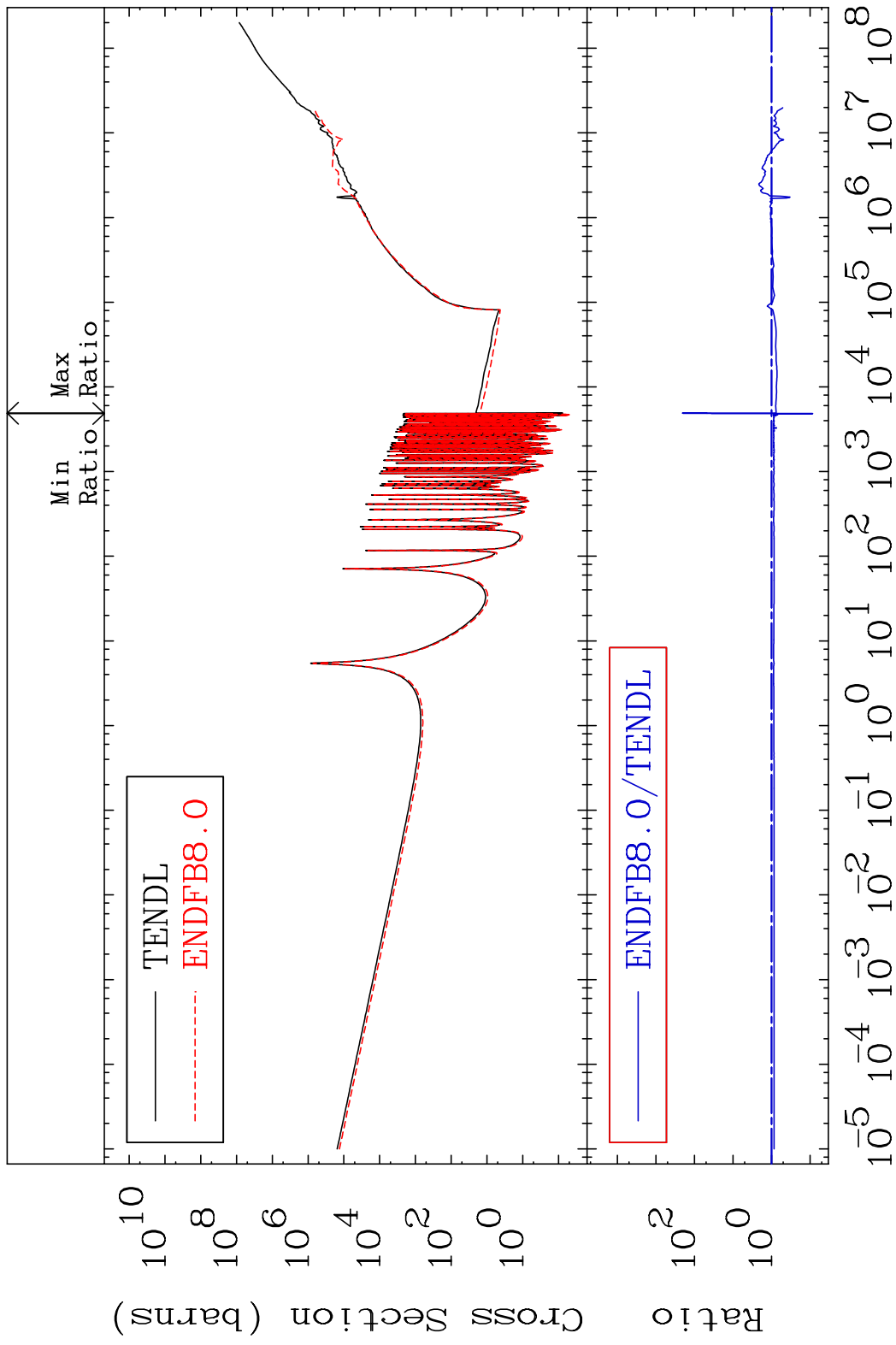
MAT 6643

Kerma elastic
Cross Section -99.99 To 9999. %

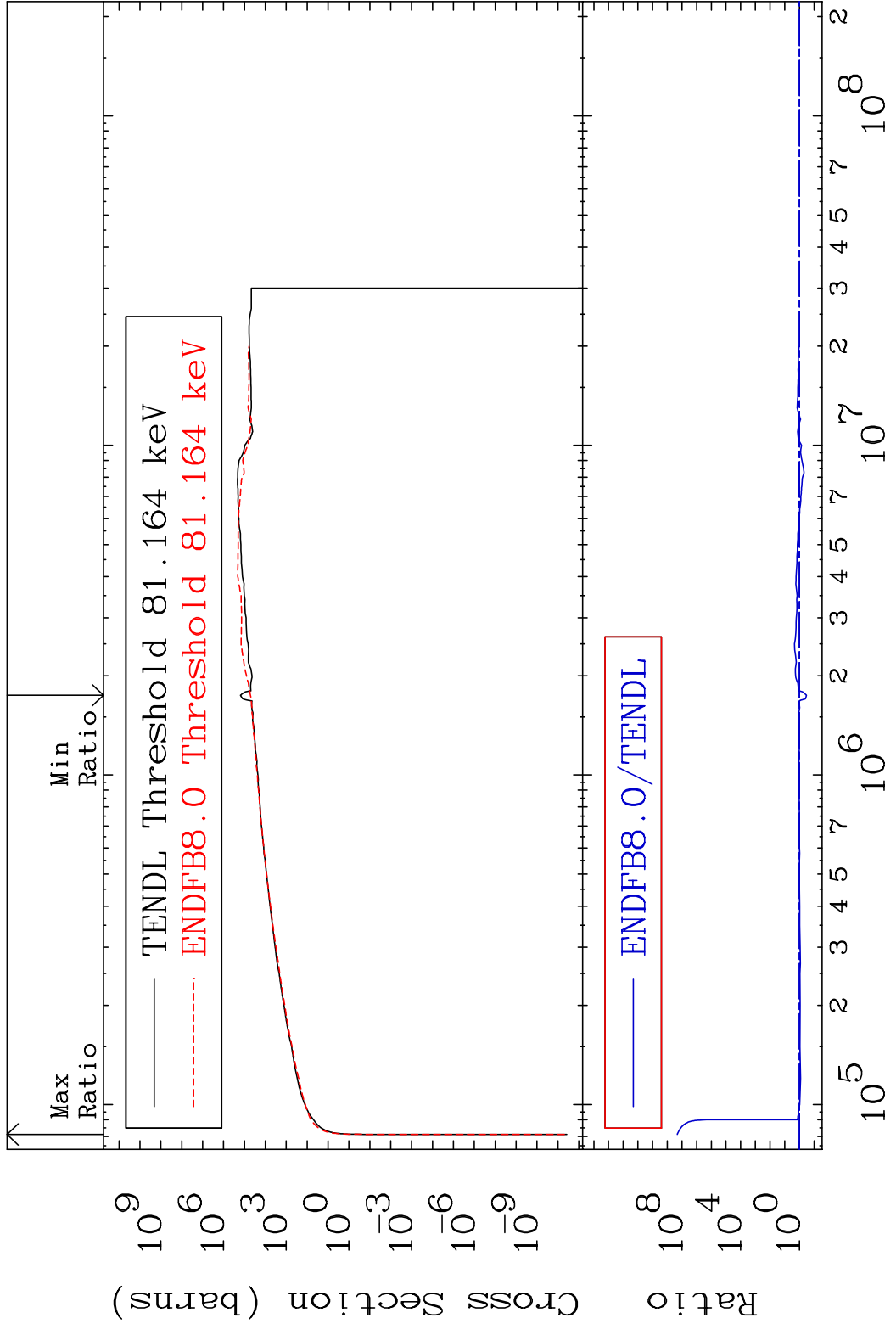
66-Dy-162
To 9999. %



MAT 6643 Kerma non-elastic (all but mt2) 66-Dy-162
 Cross Section -91.33 To 9999. %

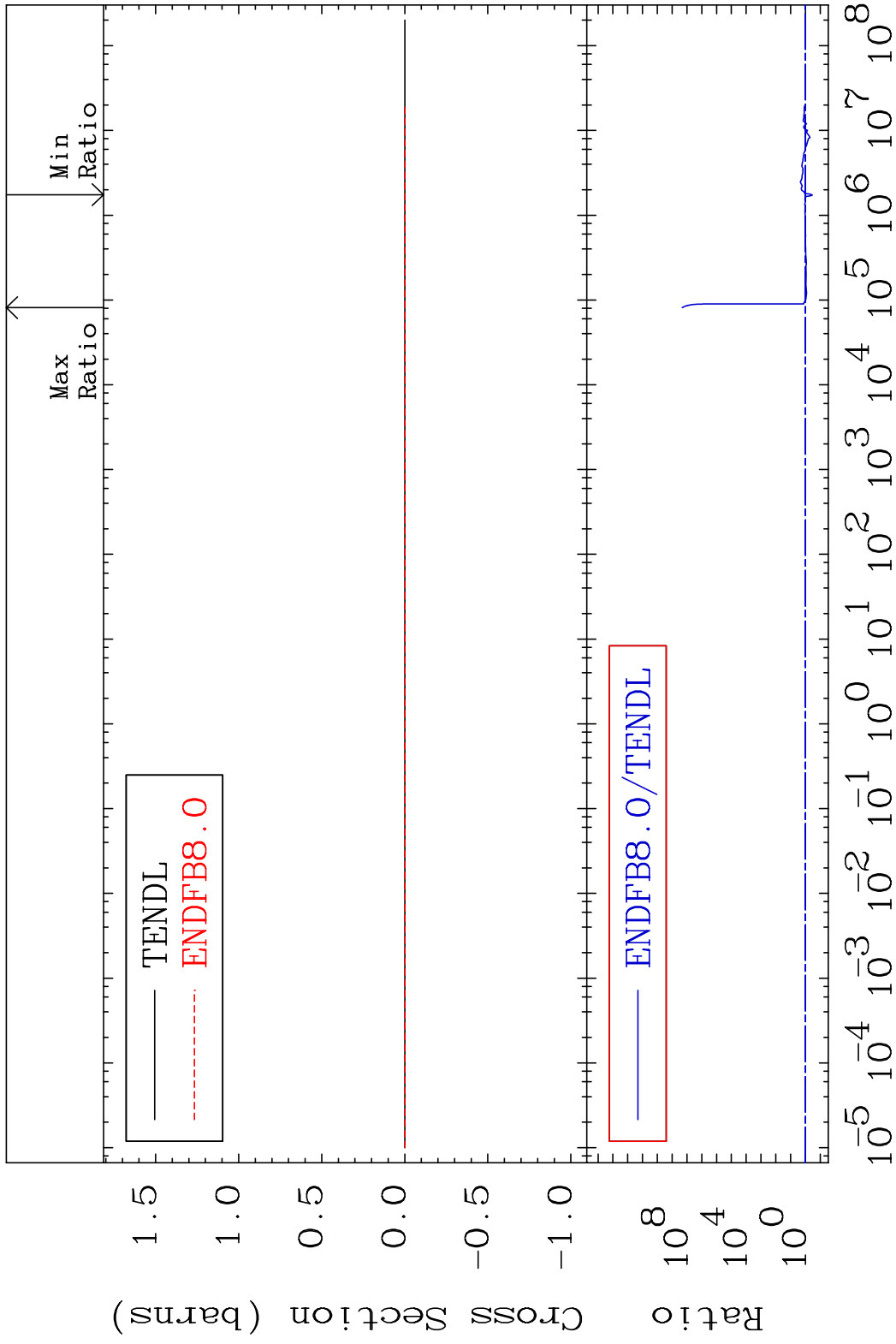


MAT 6643 Kerma inelastic (mt51-91) 66-Dy-162
 Cross Section -66.57 To 9999. %



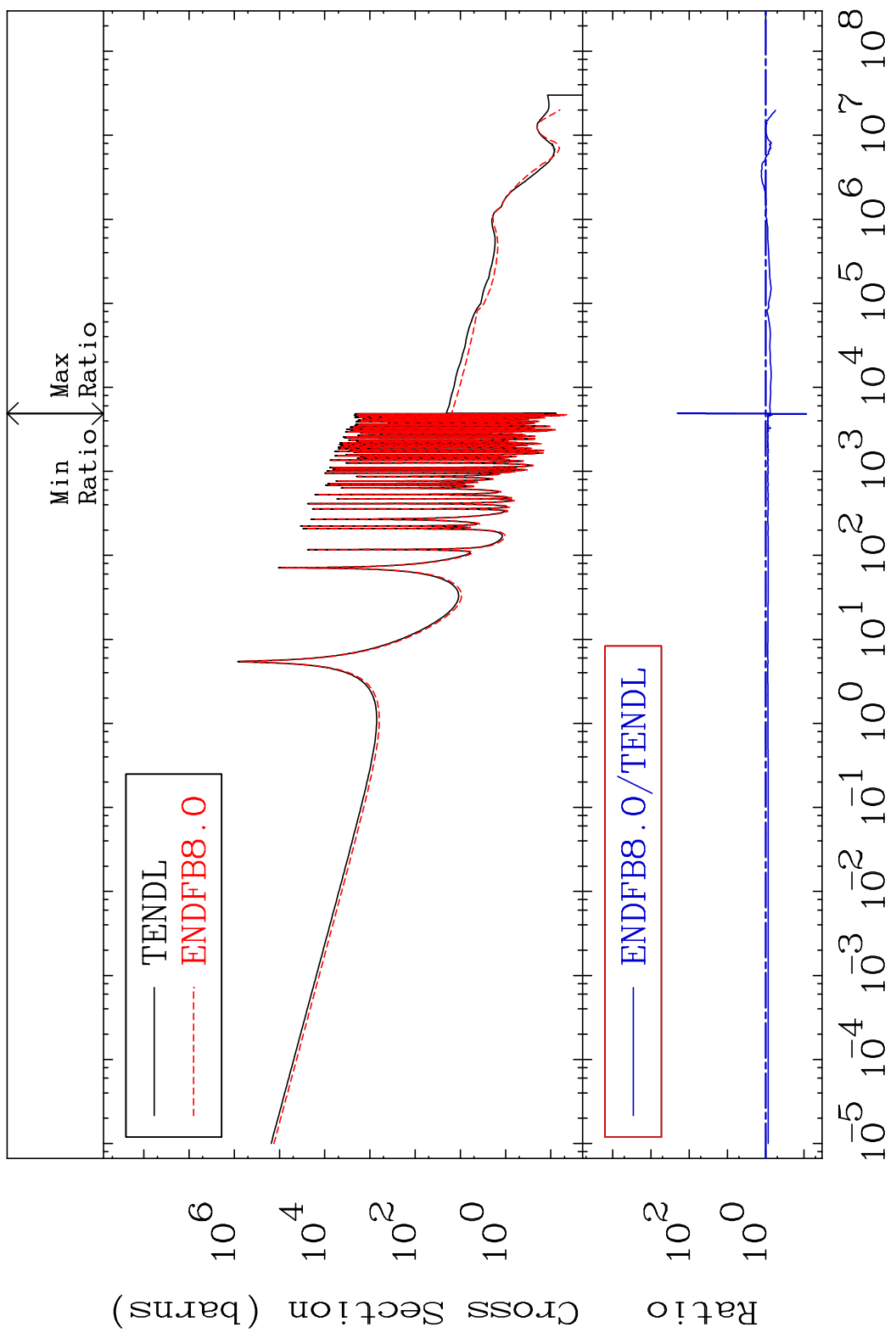
49 Incident Energy (eV) 66-Dy-162

MAT 6643 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-162
 Cross Section -66.57 To 9999. %



MAT 6643

Kerma capture (mt102) 66-Dy-162
Cross Section -91.33 To 9999. %

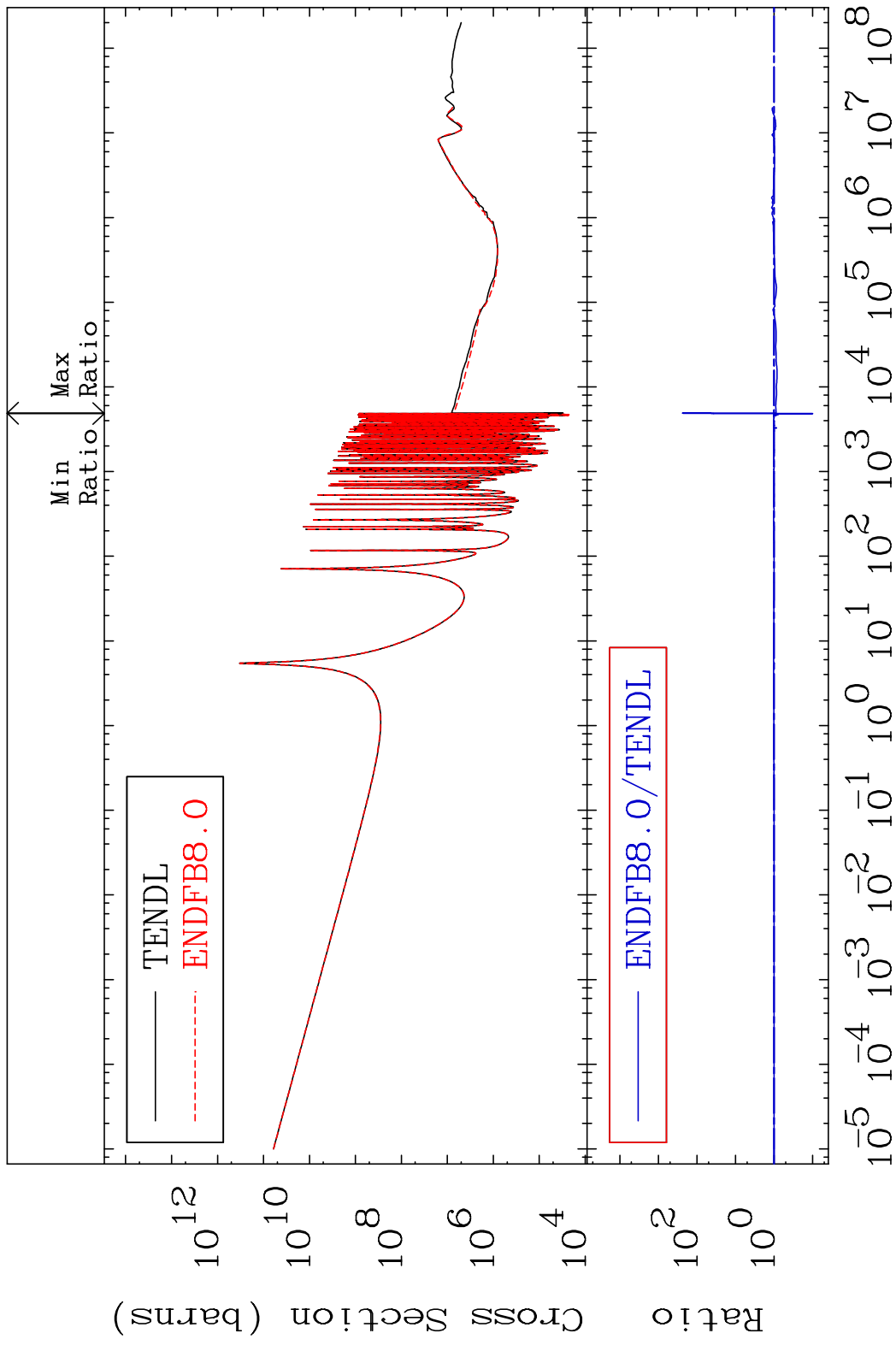


51

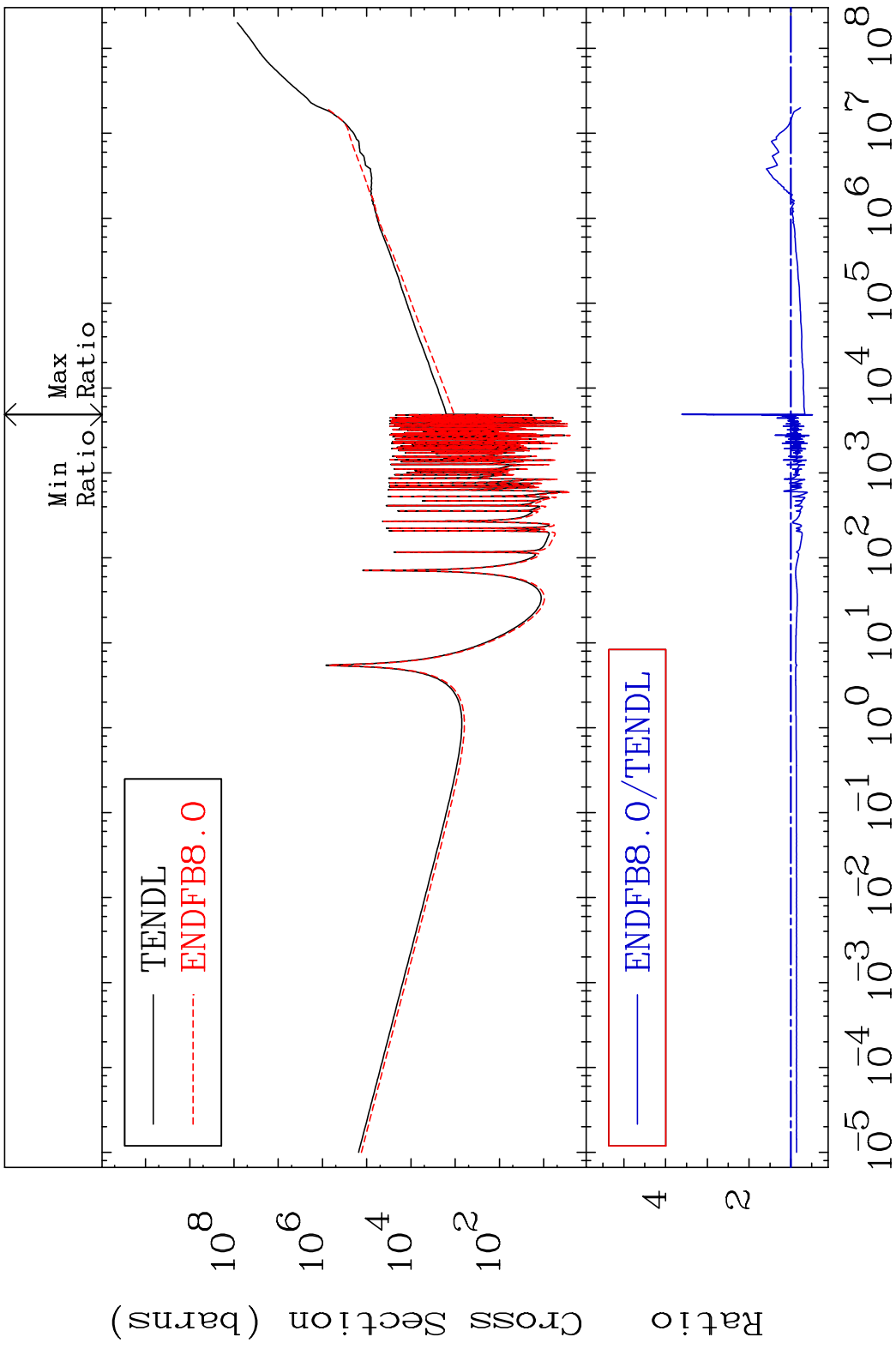
Incident Energy (eV)

66-Dy-162

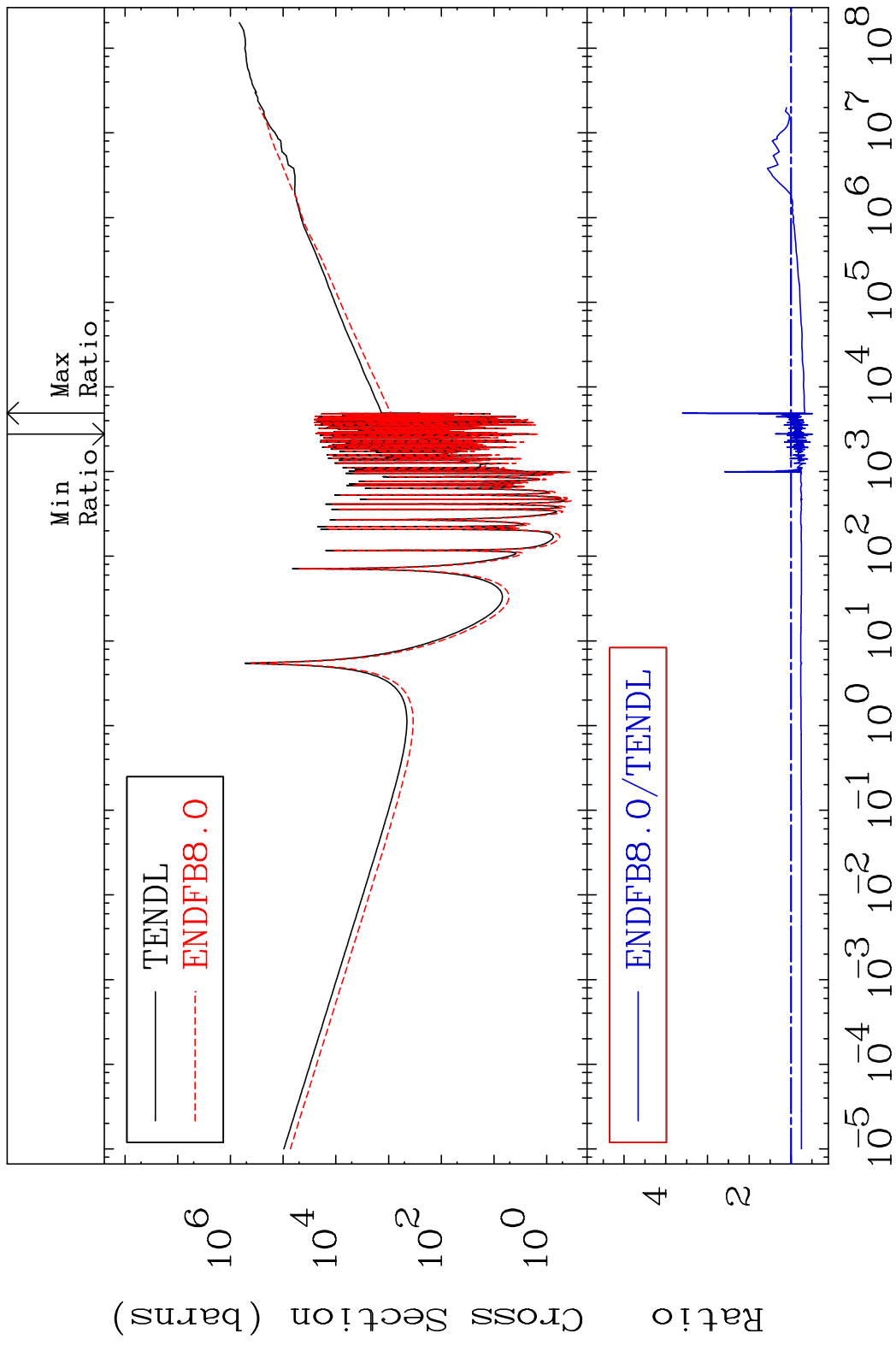
MAT 6643 Total photon (eV-barns) 66-Dy-162
 Cross Section -89.97 To 9999. %



MAT 6643 Total kinematic kerma (high limit) 66-Dy-162
 Cross Section -51.39 To 261.3 %



MAT 6643 Dpa total (eV-barns) 66-Dy-162
 Cross Section -51.49 To 260.3 %

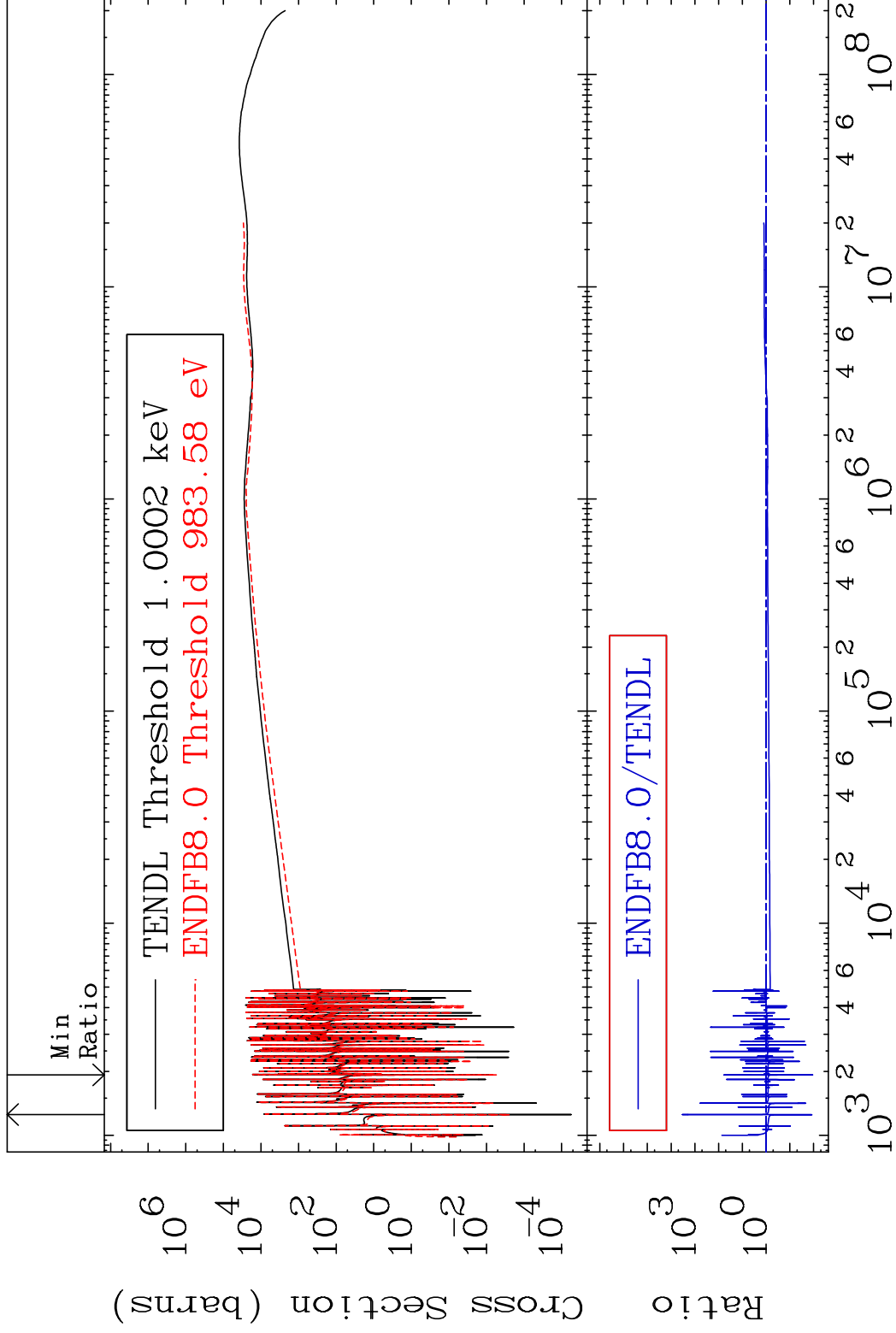


MAT 6643

Dpa elastic (mt2)

66-Dy-162

Cross Section -98.89 To 9999. %

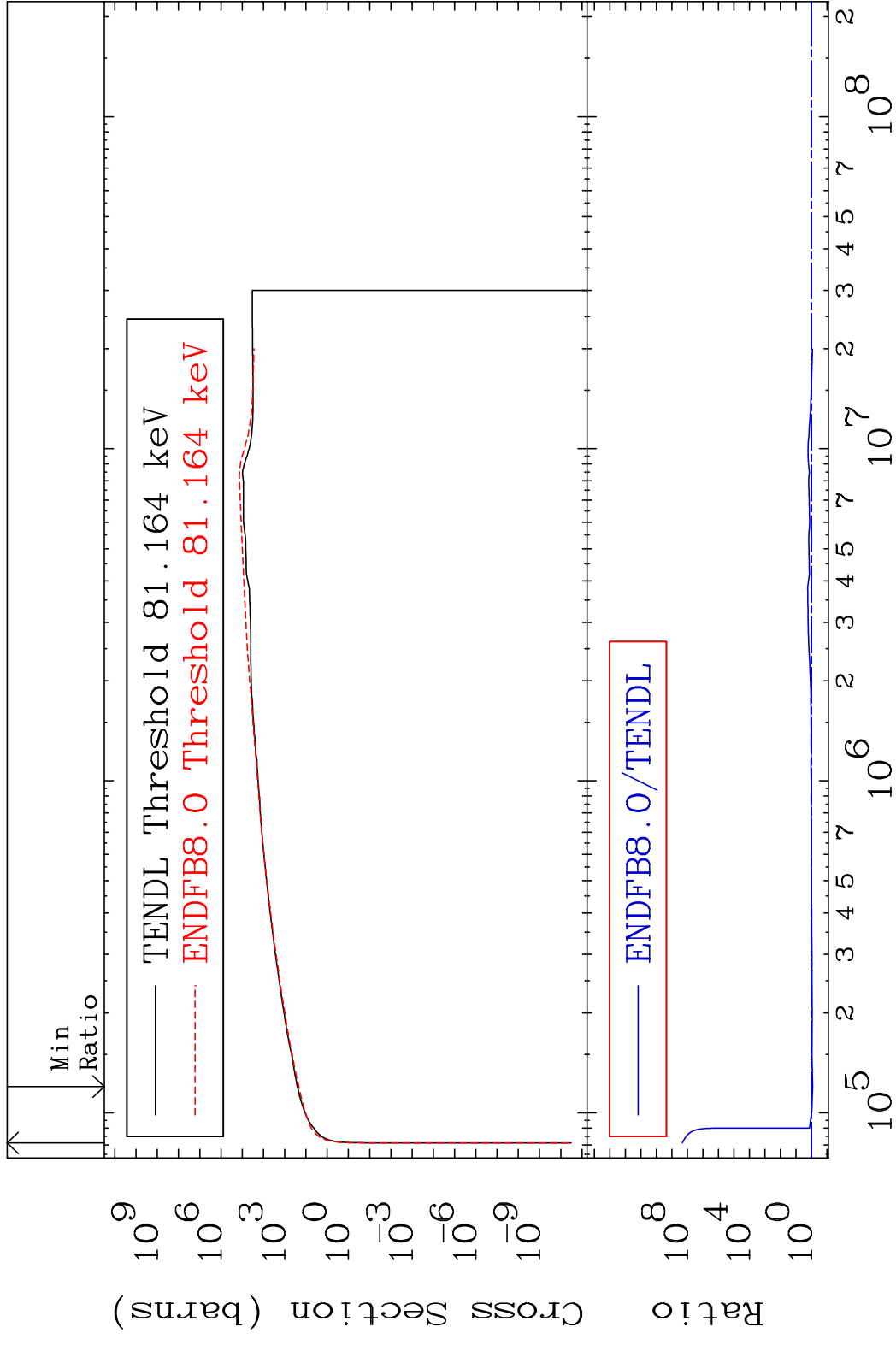


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Incident Energy (eV)

66-Dy-162

MAT 6643 Dpa inelastic (mt51-91) 66-Dy-162
 Cross Section -15.22 To 9999. %



MAT 6643 Dpa disappearance (mt102 -120) 66-Dy-162
 Cross Section -92.45 To 9999. %

