

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

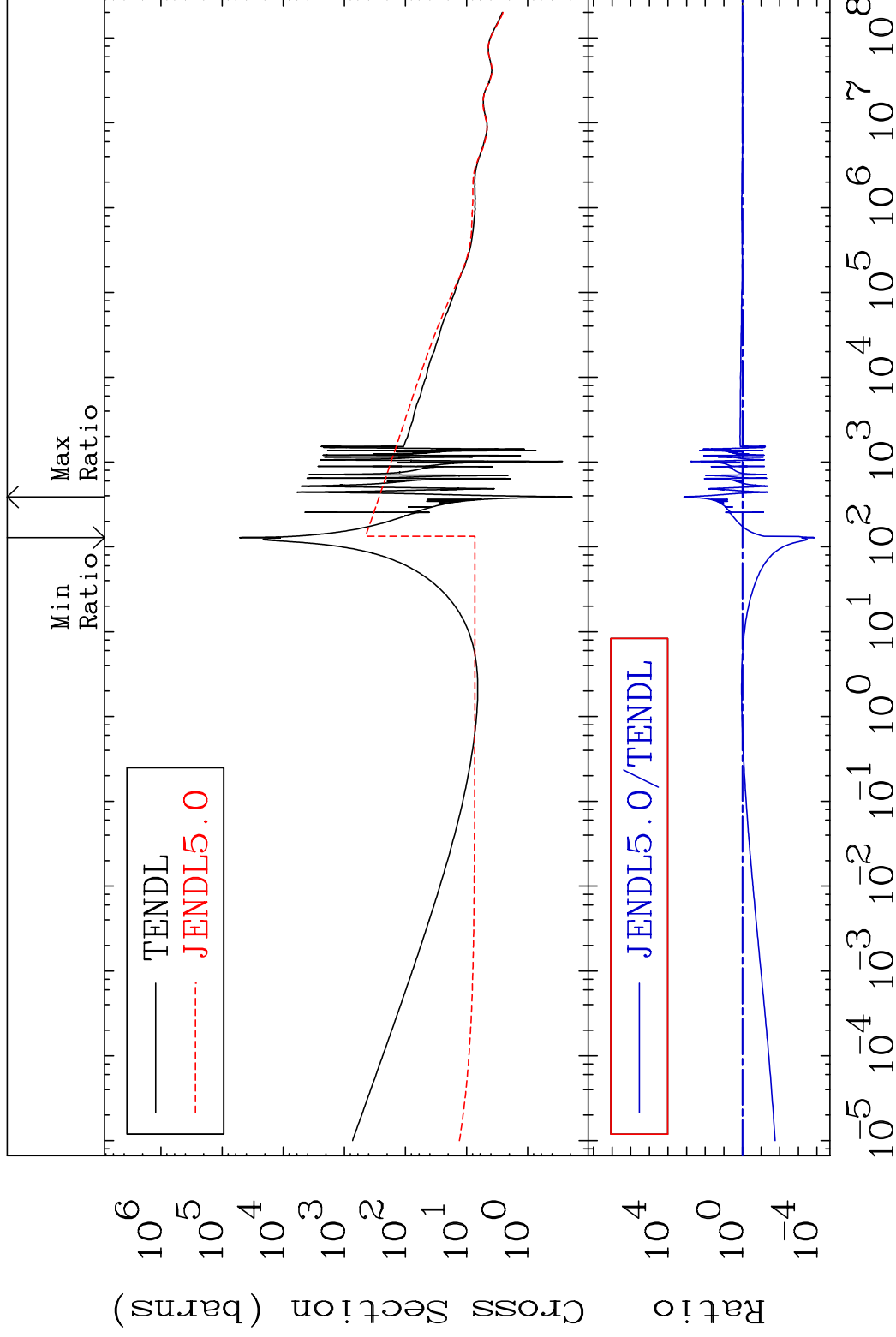
MAT 6855

Total

68-Er-172

Cross Section

-99.99 To 9999. %



1

Incident Energy (eV)

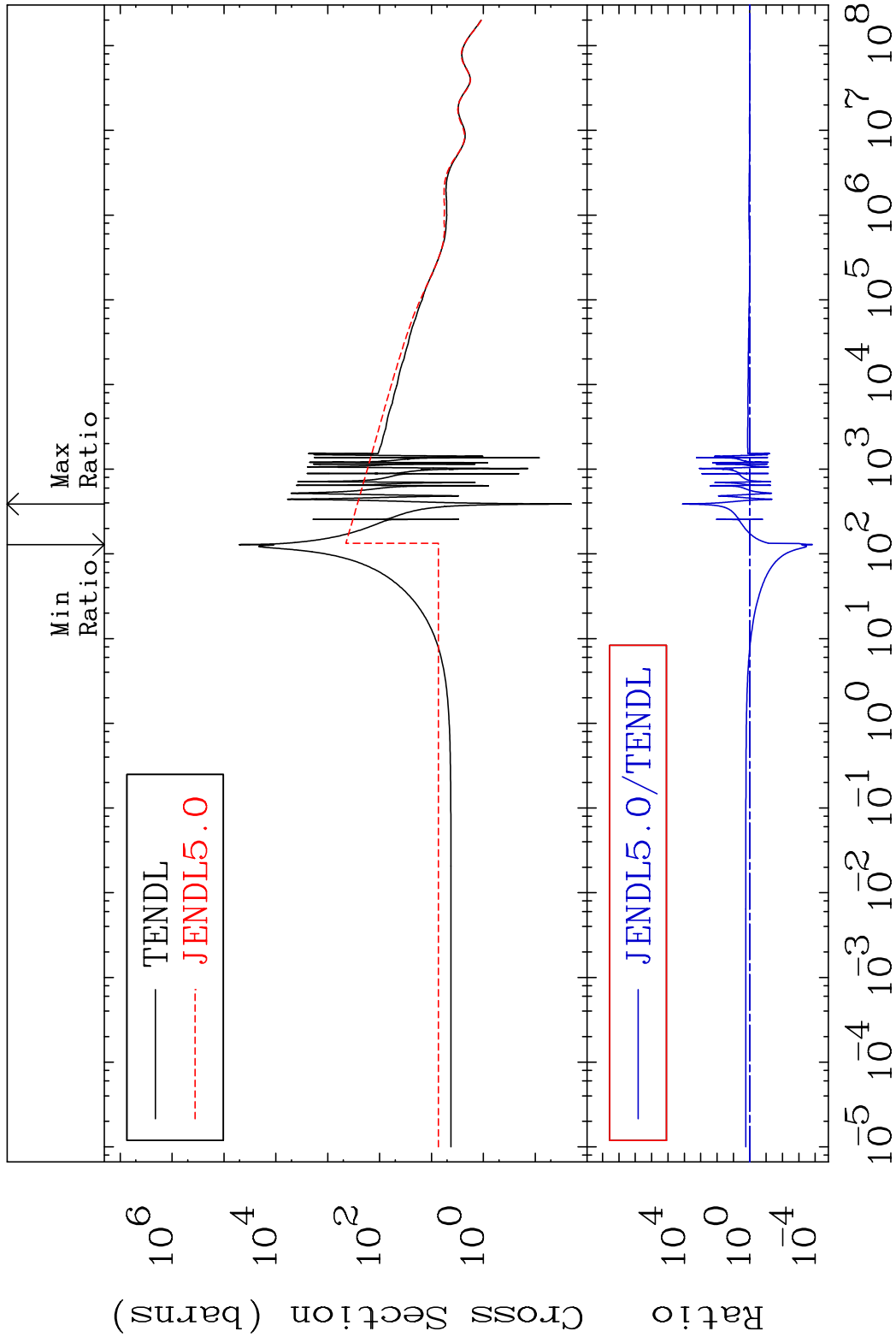
68-Er-172

MAT 6855

Elastic

68-Er-172

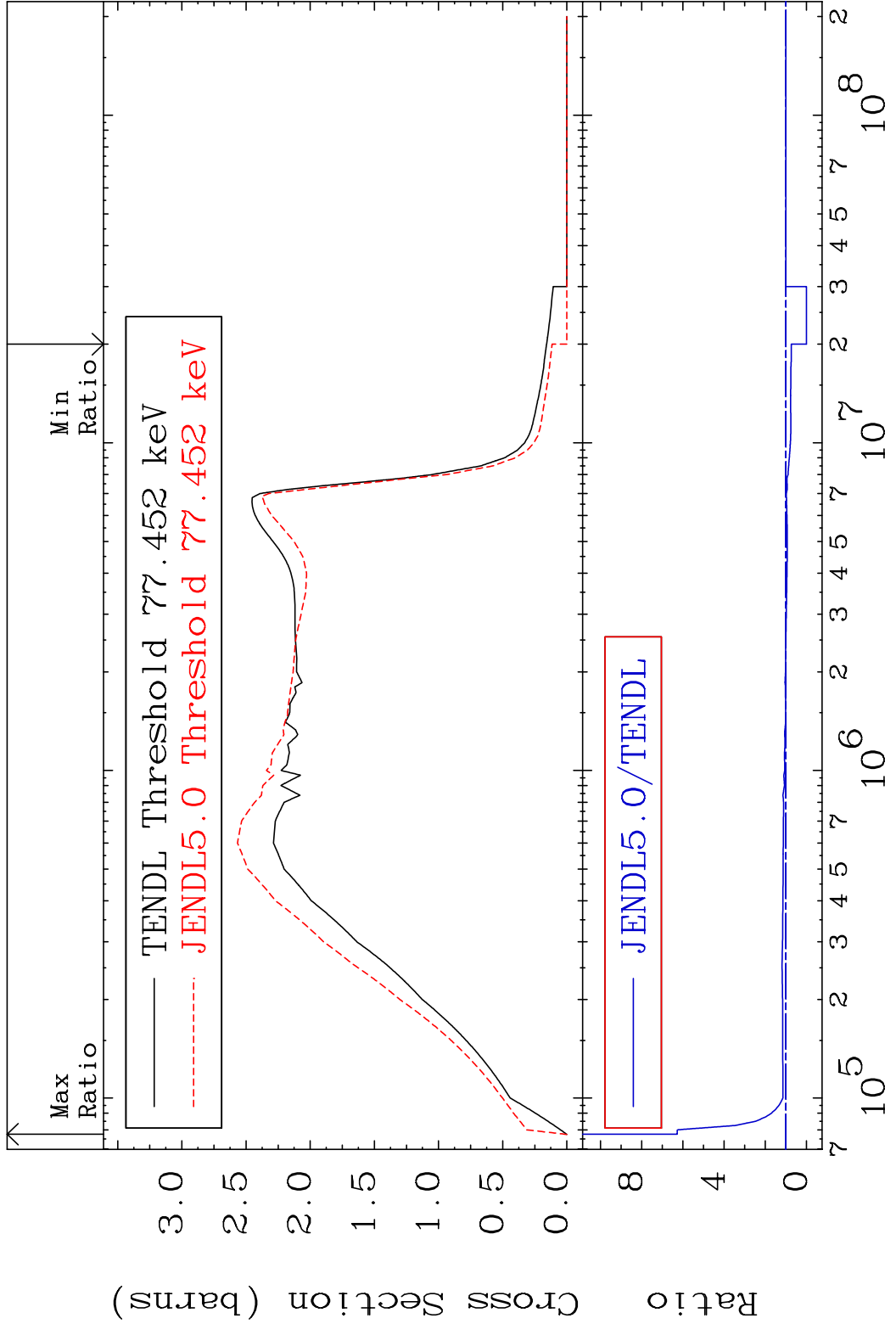
Cross Section -99.99 To 9999. %



2

68-Er-172

MAT 6855 Inelastic 68-Er-172
 Cross Section -100.0 To 527.4 %



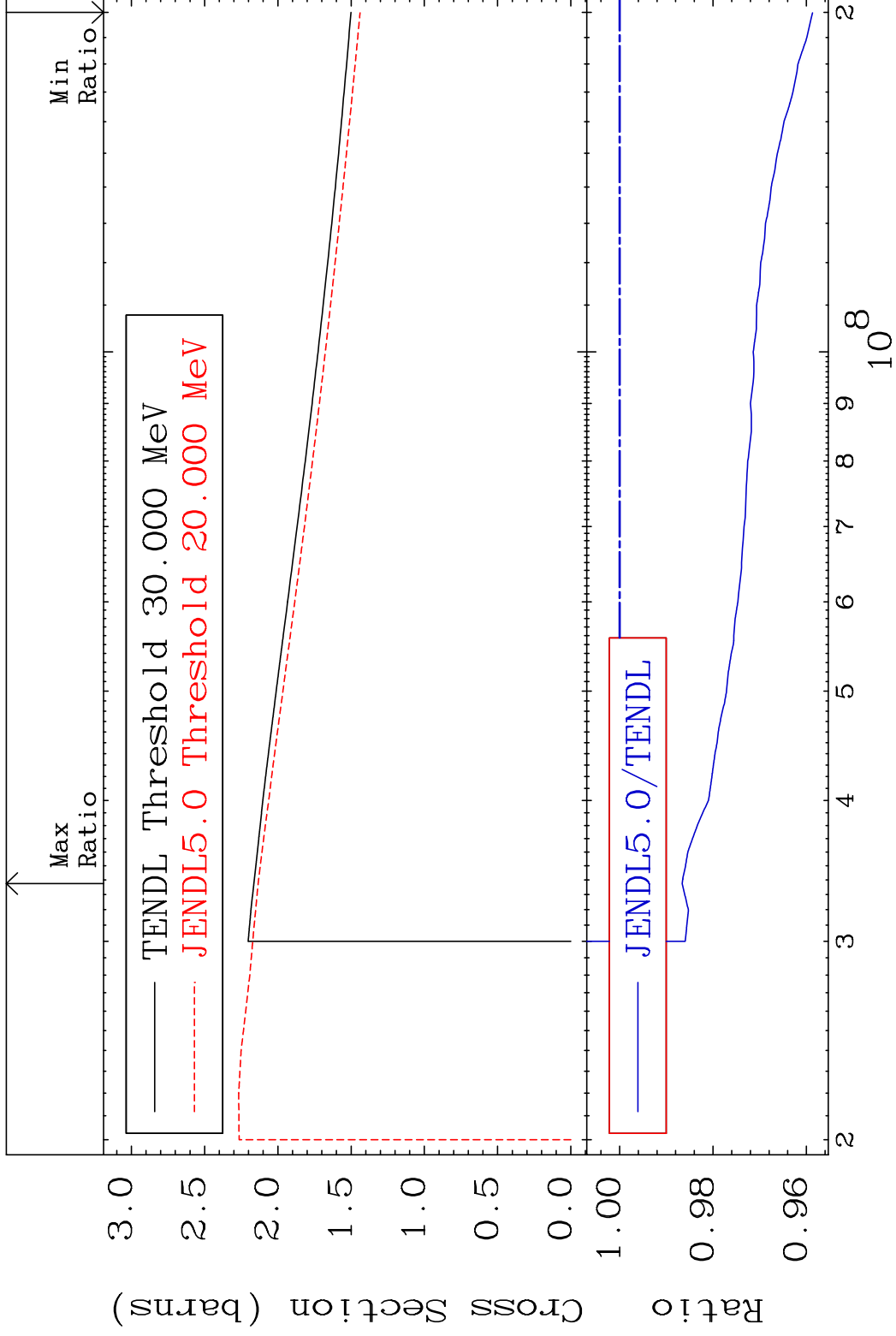
3 7 10⁵ 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 2 68-Er-172

MAT 6855

(n, remainder)

68-Er-172

Cross Section -4.130 To -1.339%

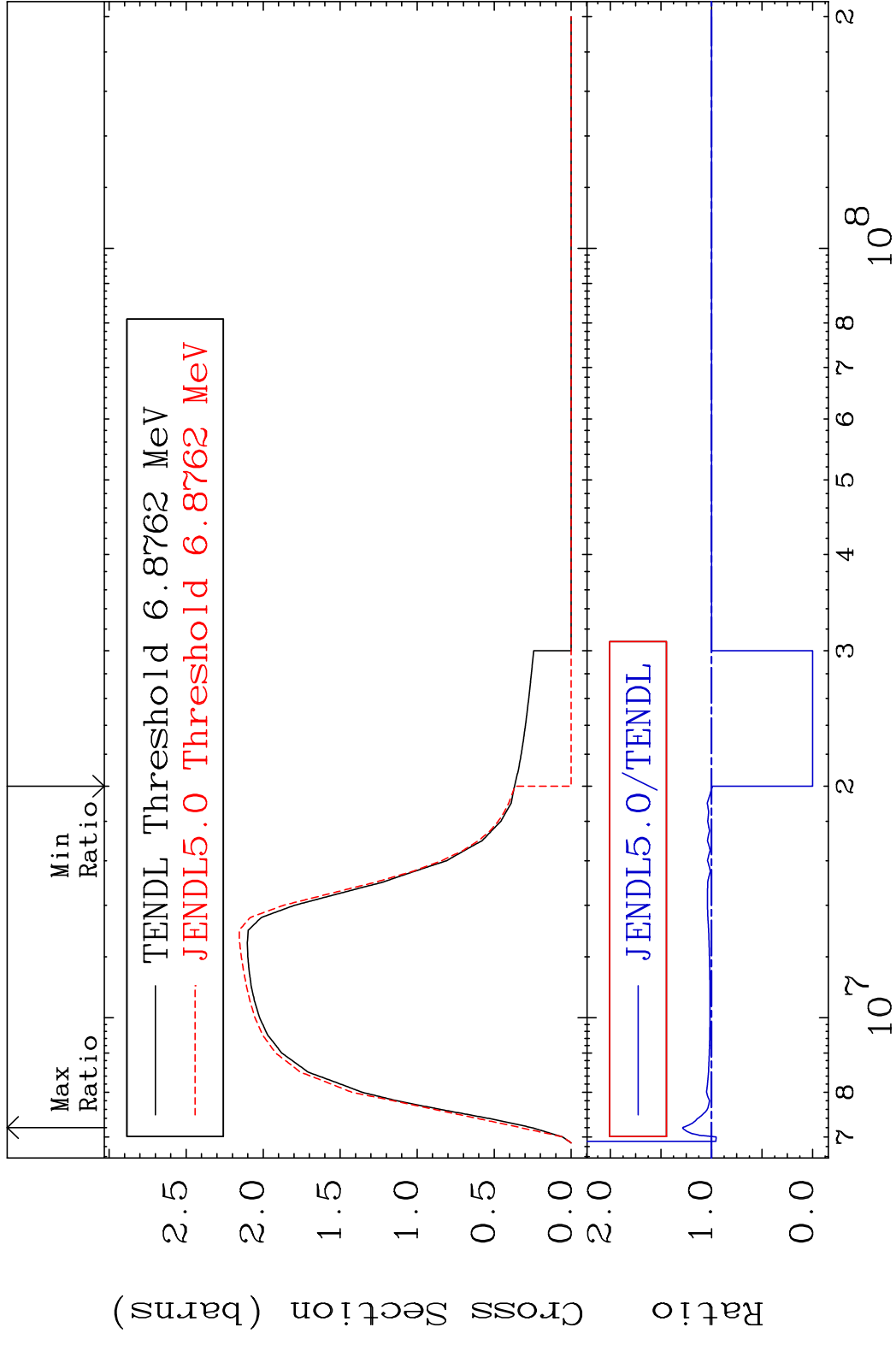


4

Incident Energy (eV)

68-Er-172

MAT 6855 (n,2n) 68-Er-172
 Cross Section -100.0 To 28.80 %



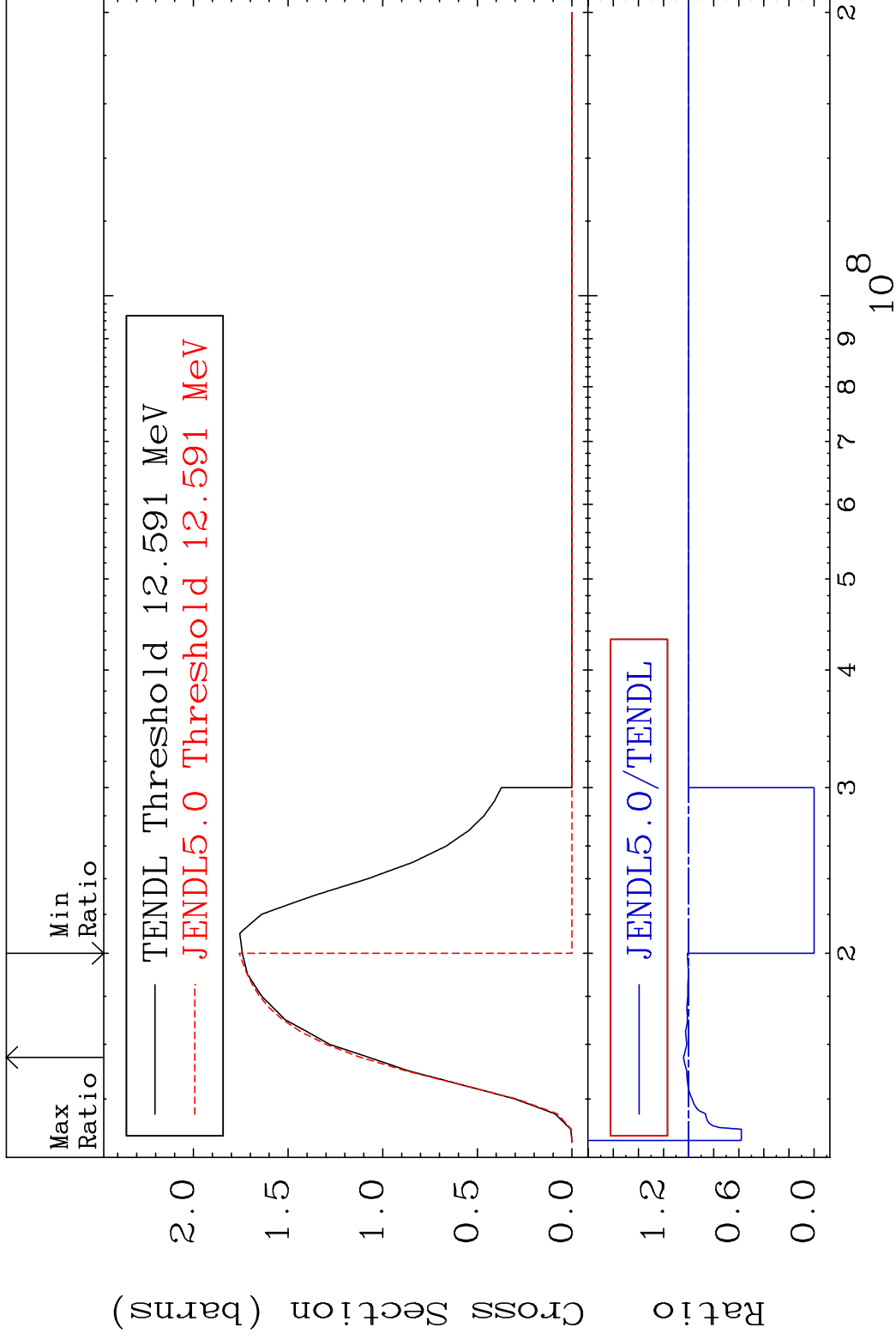
5 Incident Energy (eV) 68-Er-172

MAT 6855

(n,3n)

68-Er-172

Cross Section -100.0 To 4.100 %

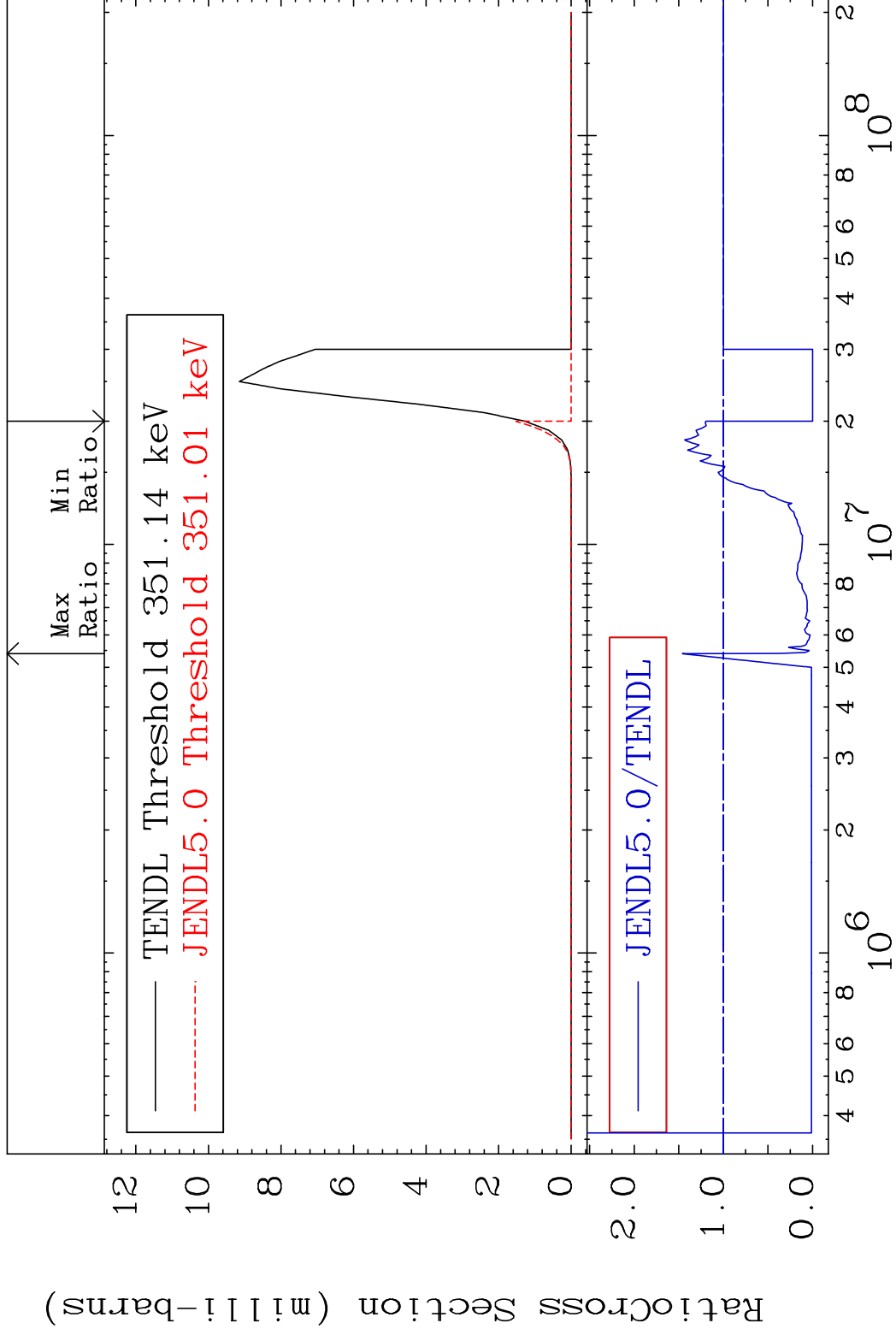


MAT 6855

(n, n') α

68-Er-172

Cross Section -100.0 To 45.98 %

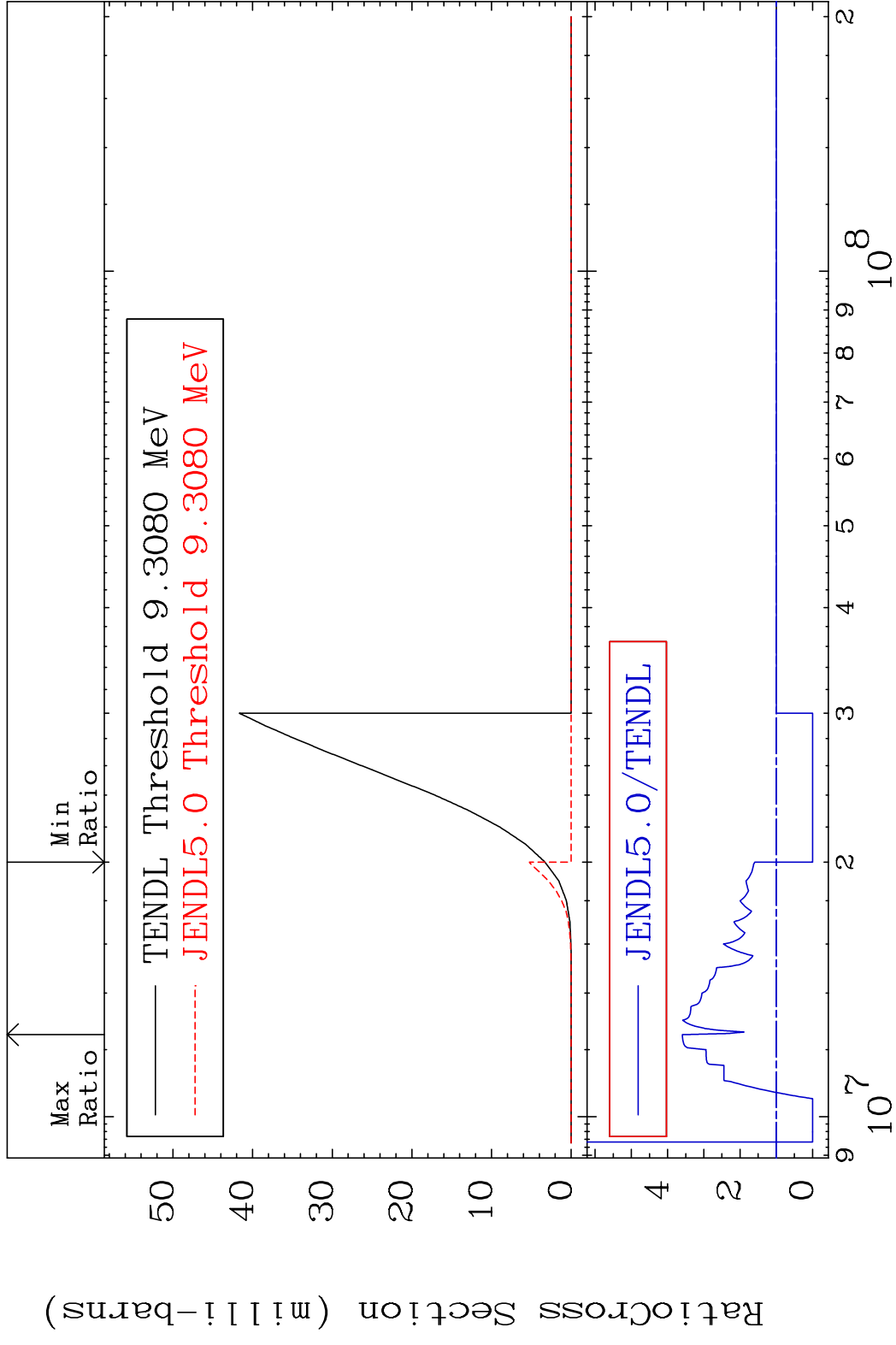


7

Incident Energy (eV)

68-Er-172

MAT 6855 (n, n') p 68-Er-172
 Cross Section -100.0 To 259.3 %



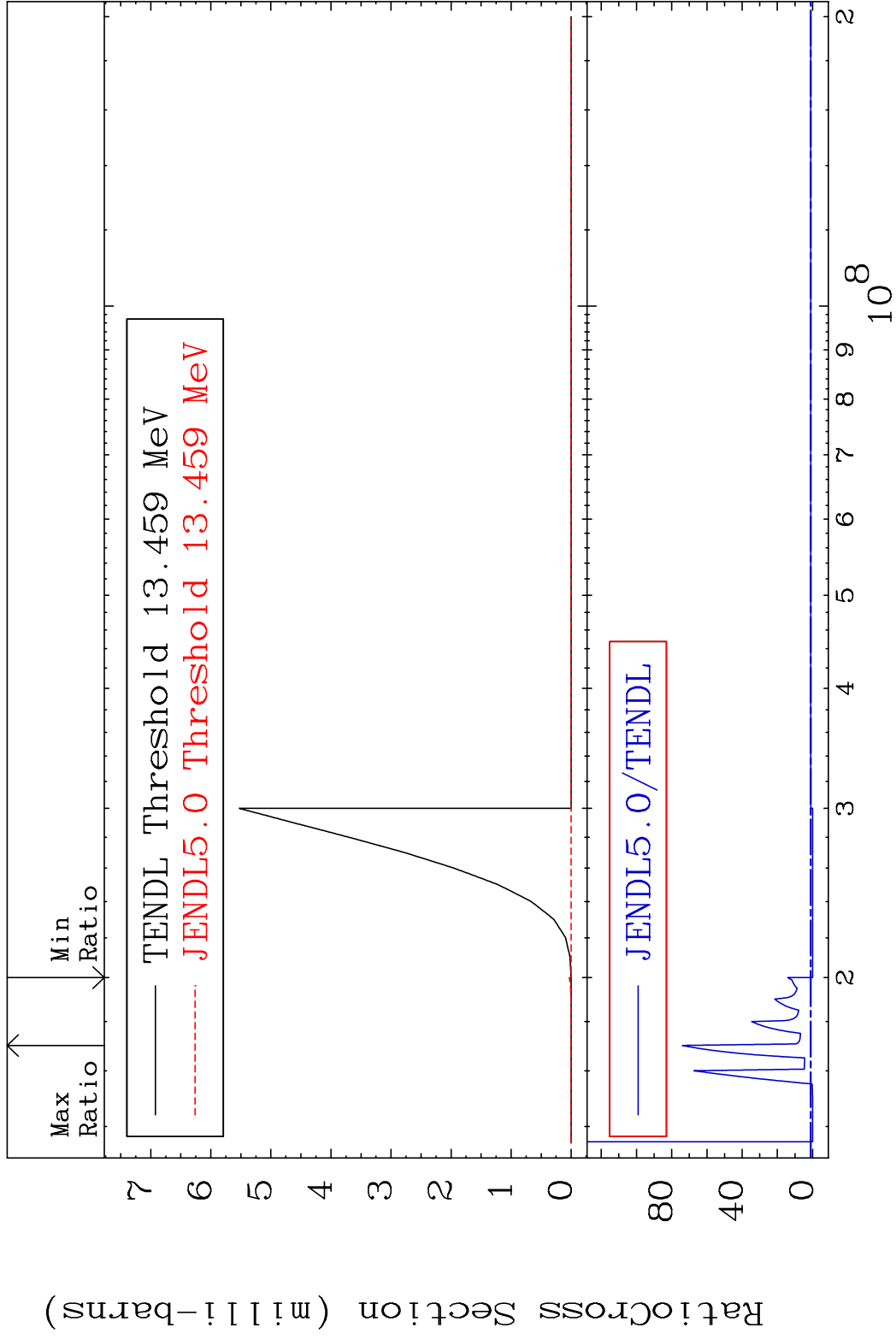
8 8 68-Er-172

MAT 6855

(n, n') d

68-Er-172

Cross Section -100.0 To 7294. %



9

Incident Energy (eV)

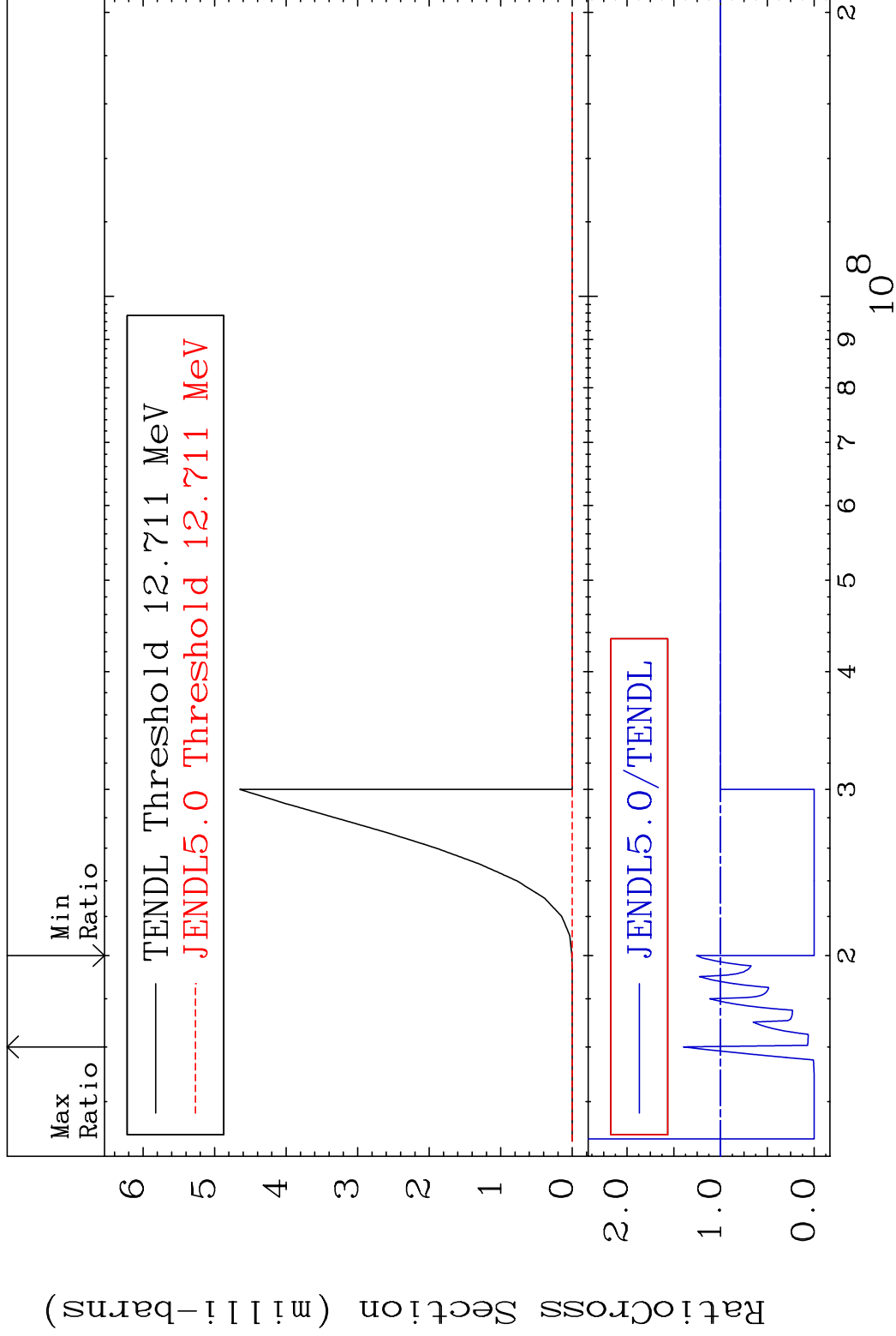
68-Er-172

MAT 6855

(n, n') t

68-Er-172

Cross Section -100.0 To 39.45 %

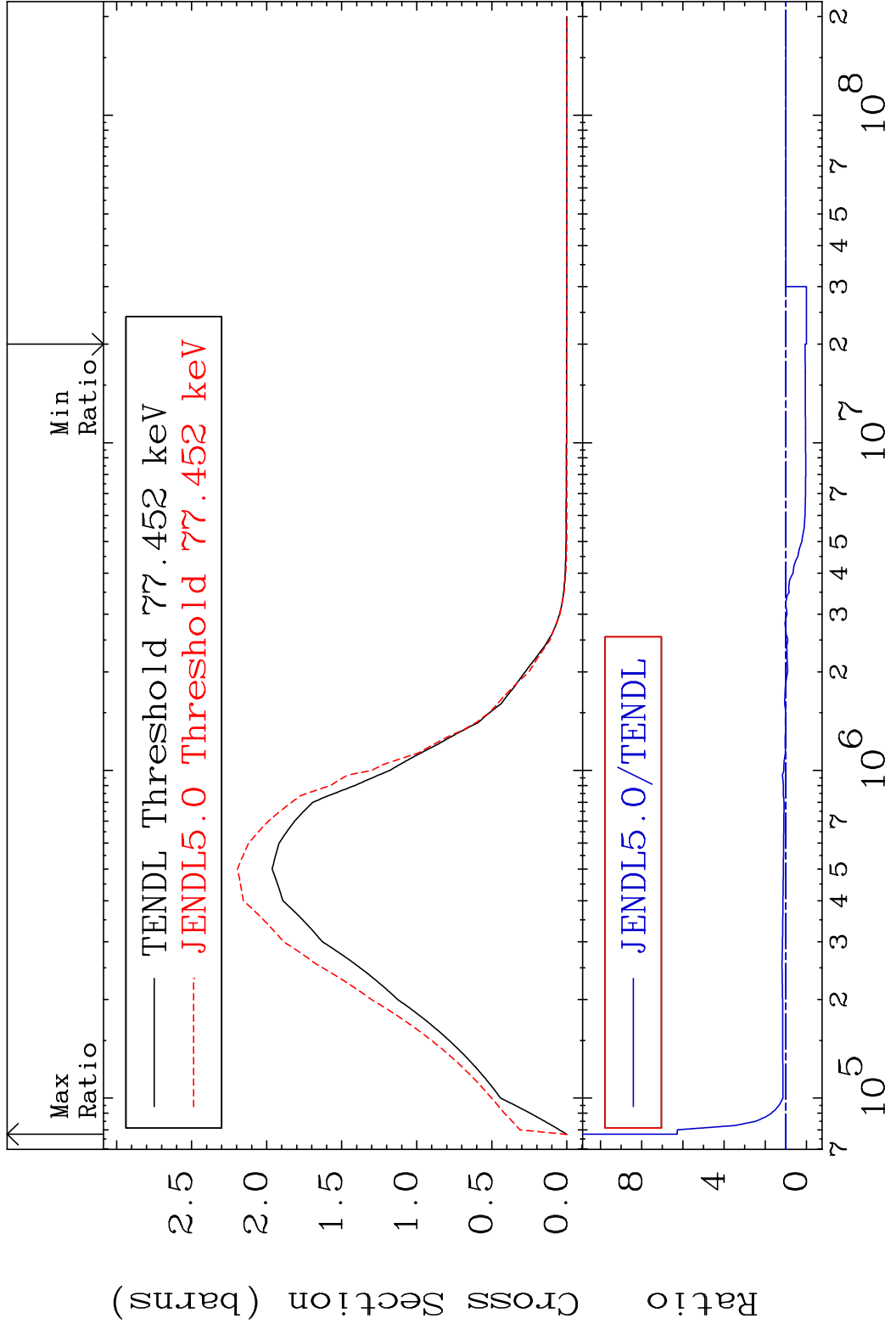


10

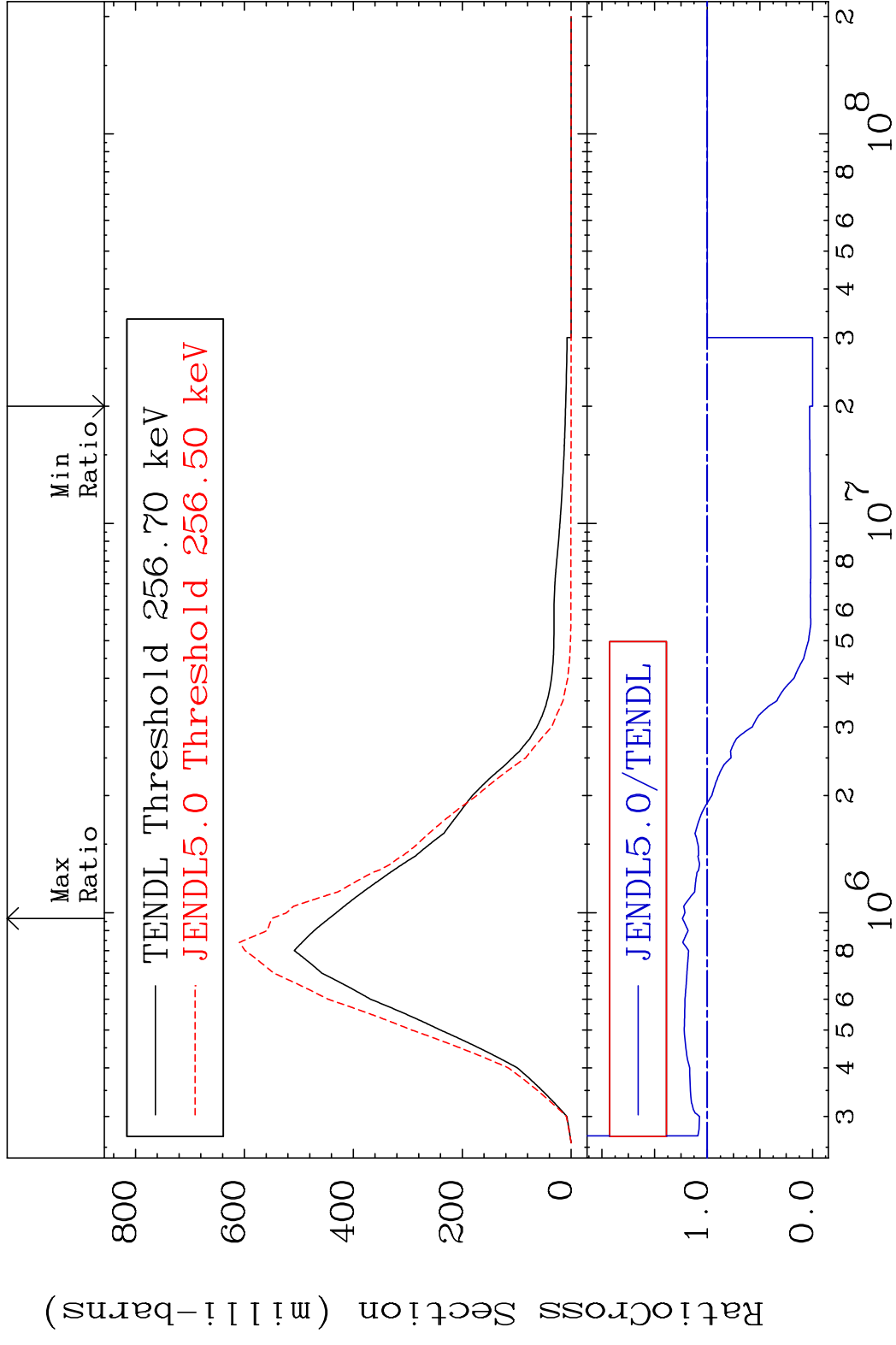
Incident Energy (eV)

68-Er-172

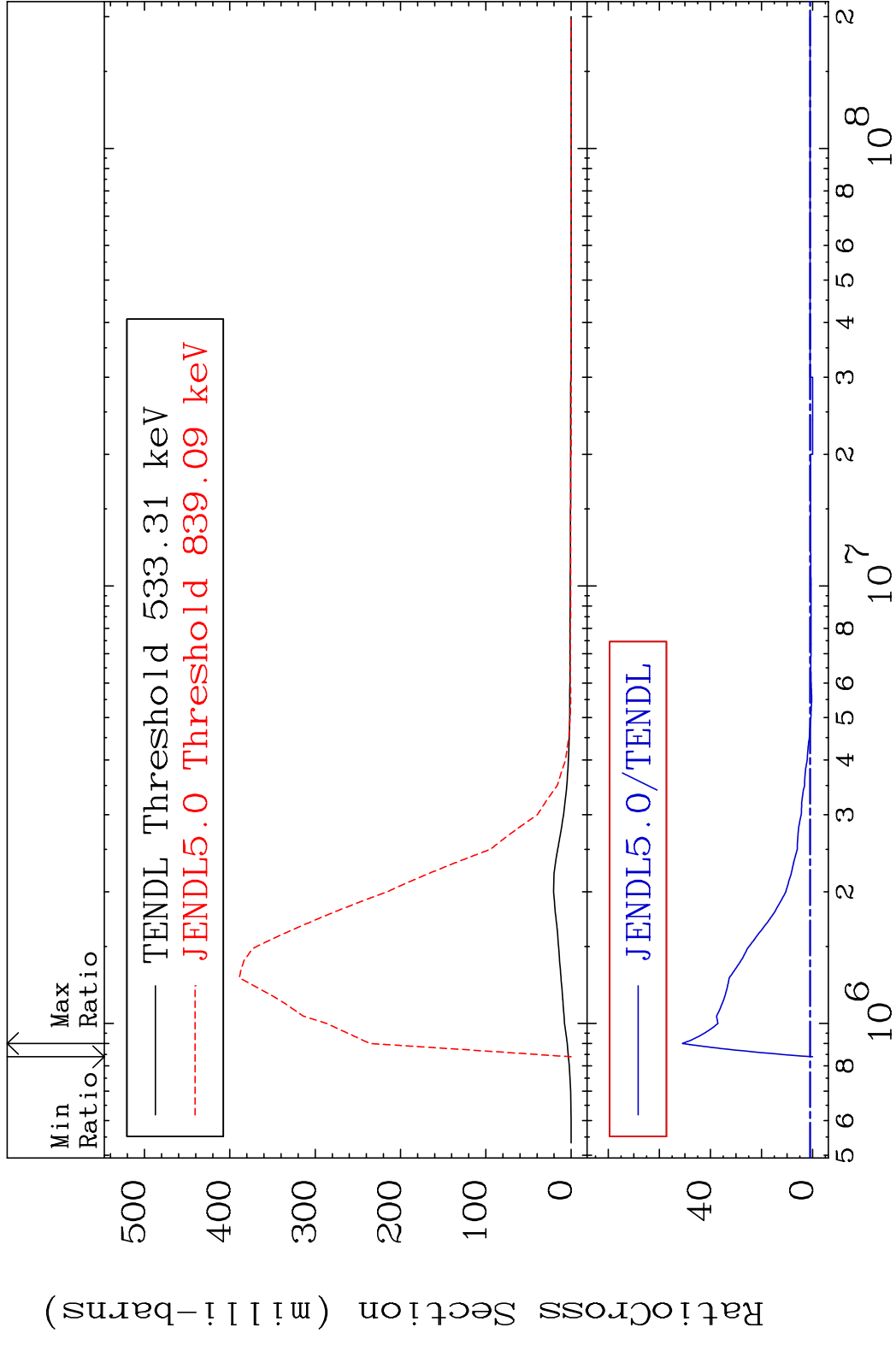
MAT 6855 MT= 51 (n, n') Level 68-Er-172
 Cross Section -100.0 To 527.4 %



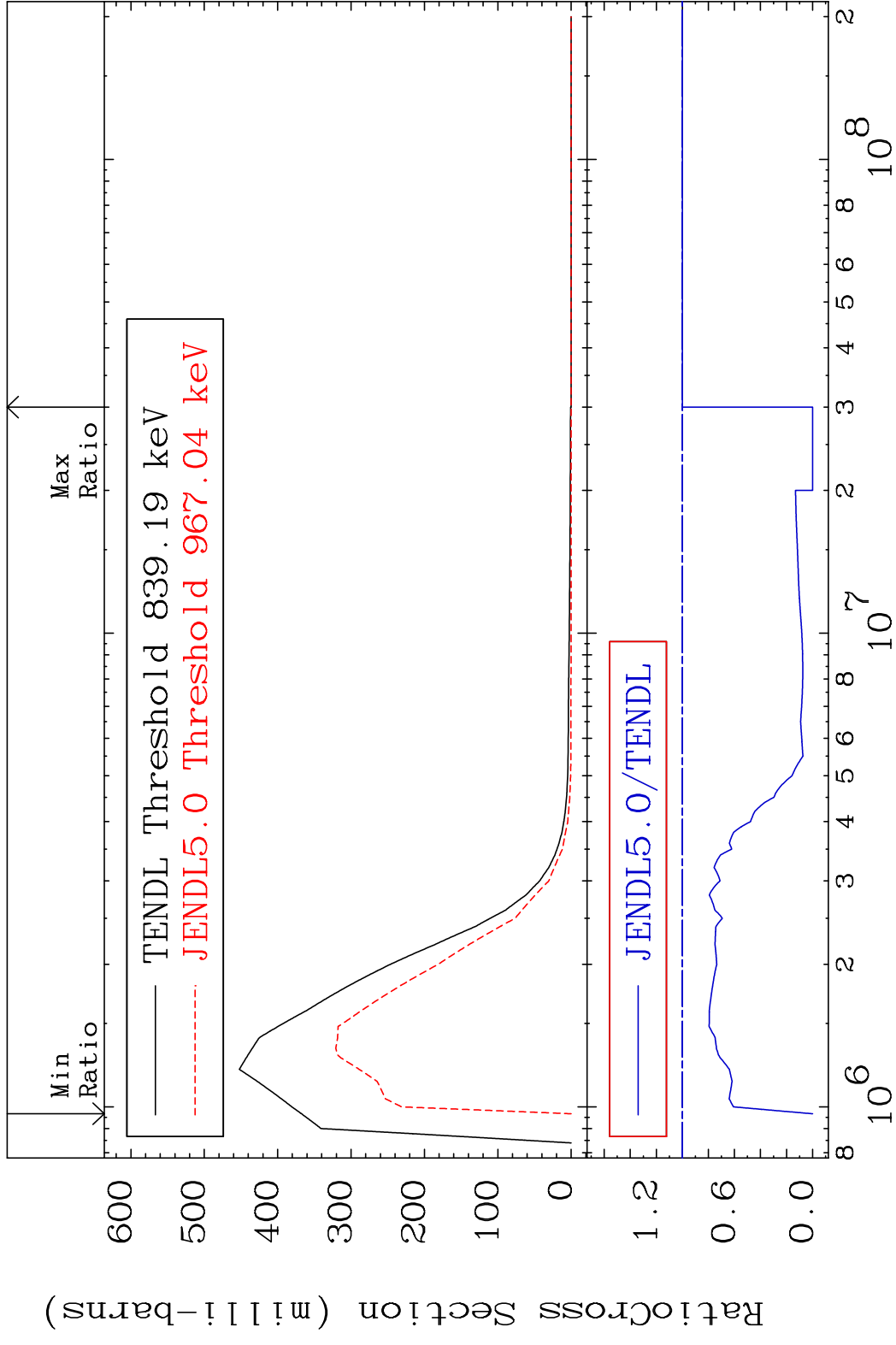
MAT 6855 MT= 52 (n, n') Level 68-Er-172
 Cross Section -100.0 To 23.65 %



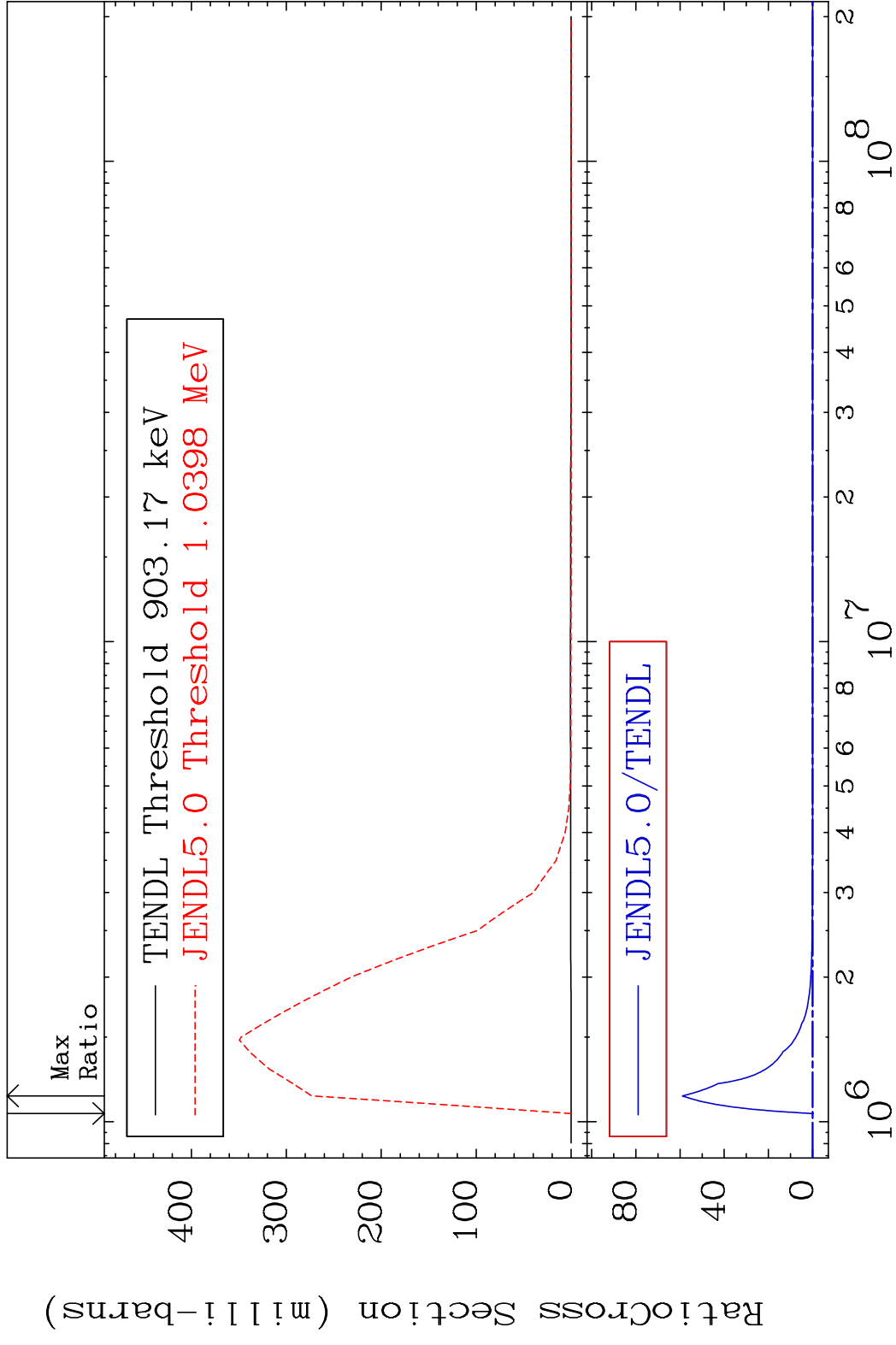
MAT 6855 MT= 53 (n, n') Level 68-Er-172
 Cross Section -100.0 To 4999. %



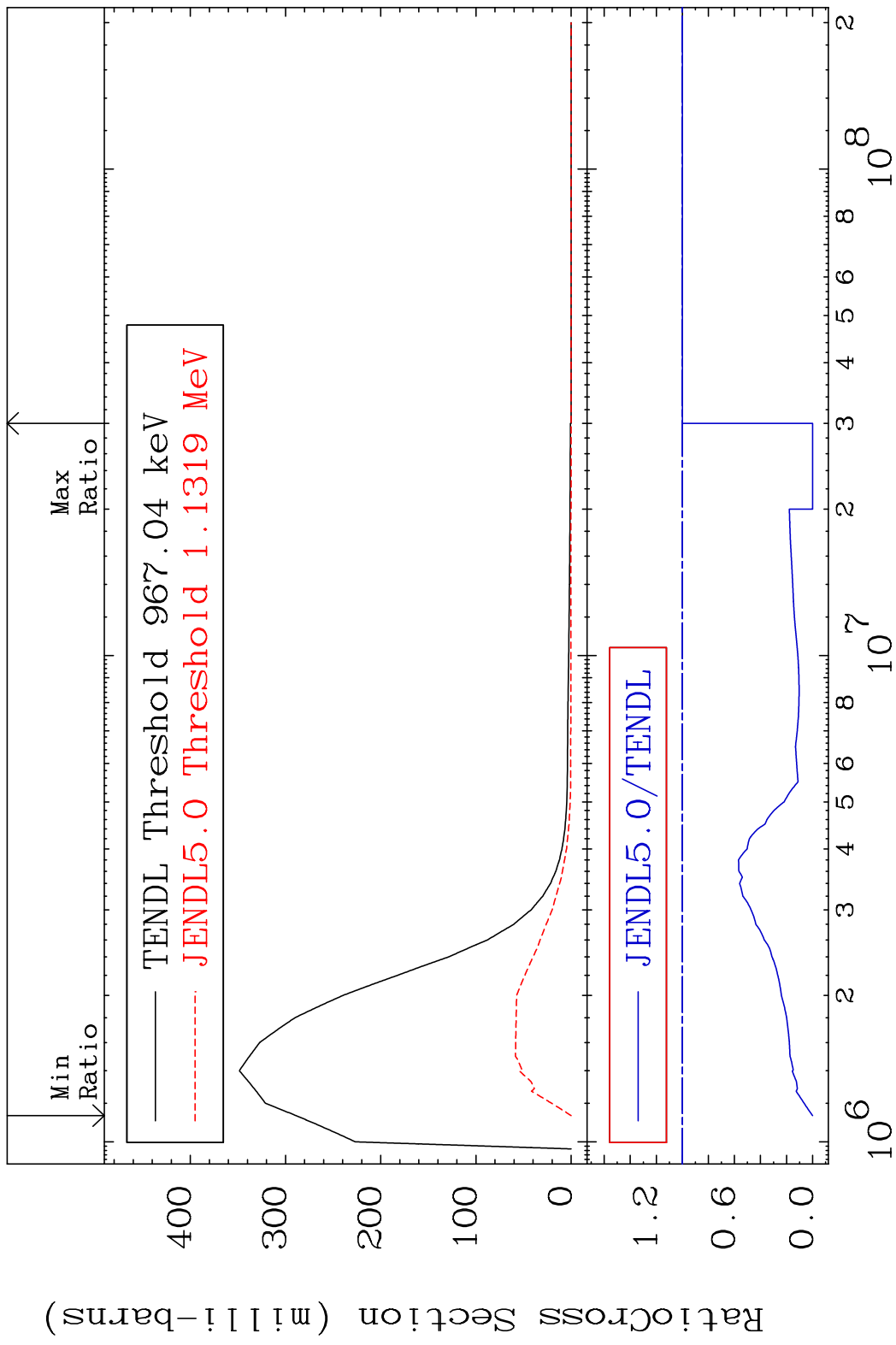
MAT 6855 MT= 54 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %



MAT 6855 MT= 55 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %

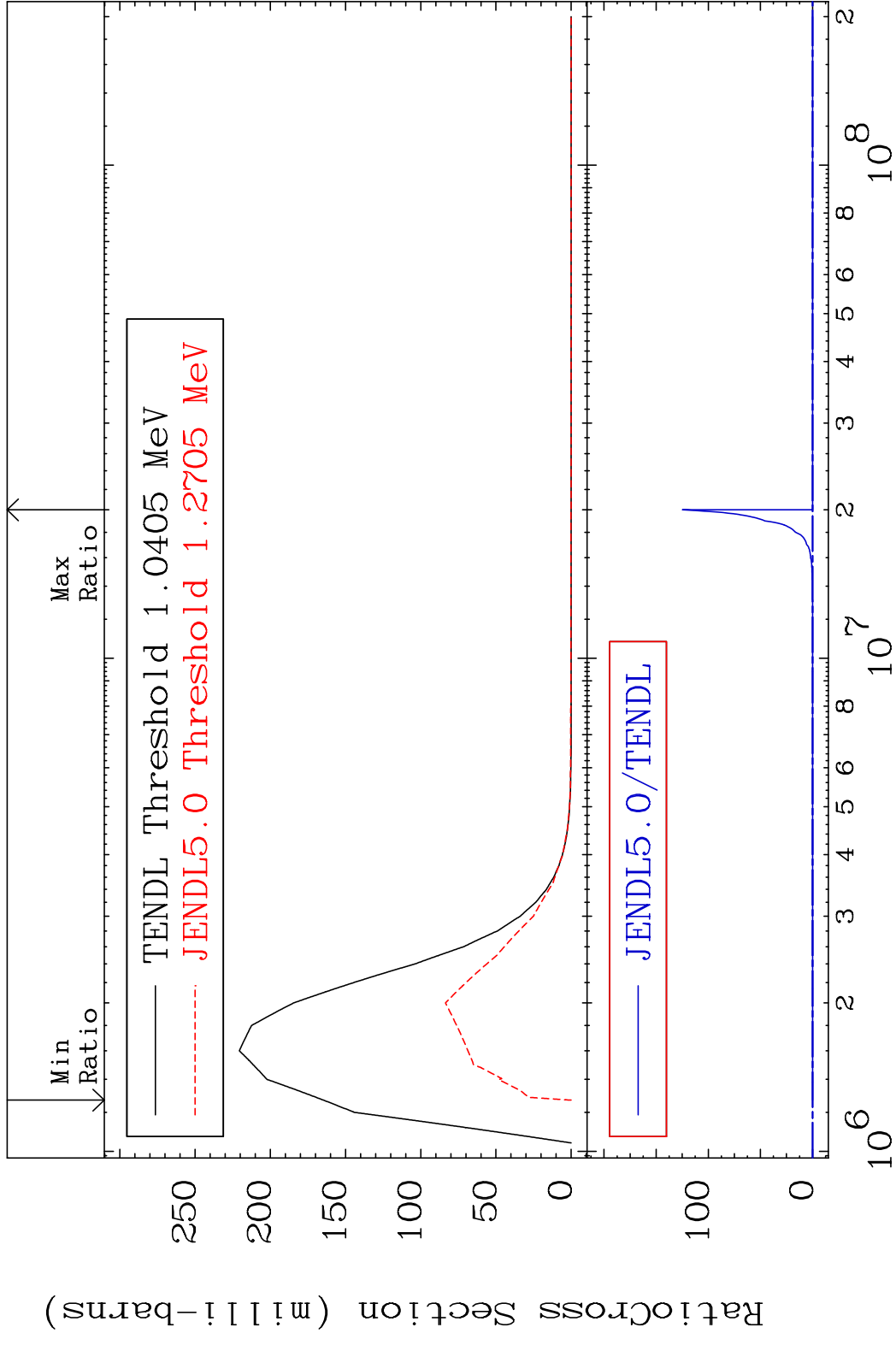


MAT 6855 MT= 56 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %



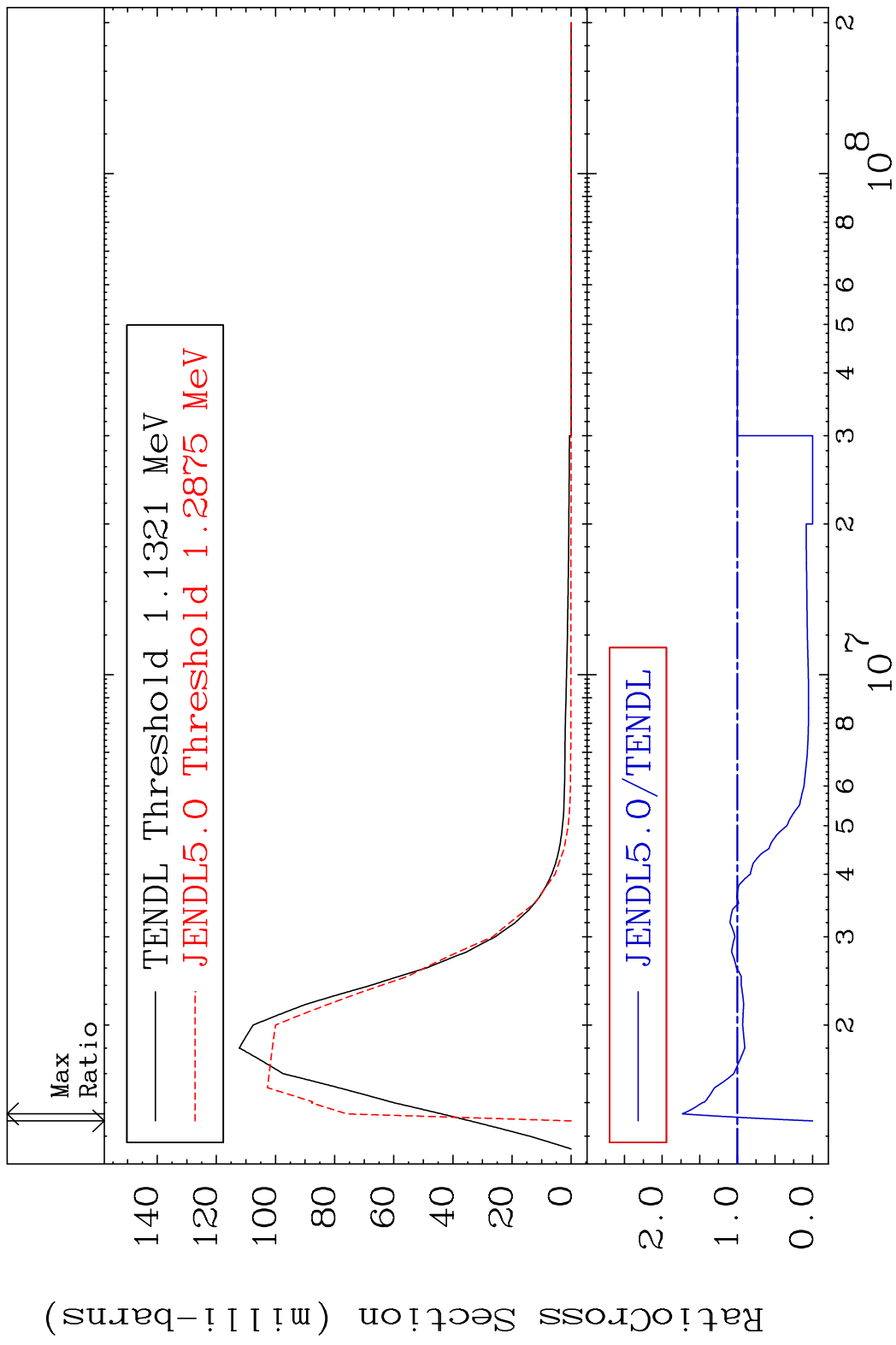
16 Incident Energy (eV) 68-Er-172

MAT 6855 MT= 57 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %

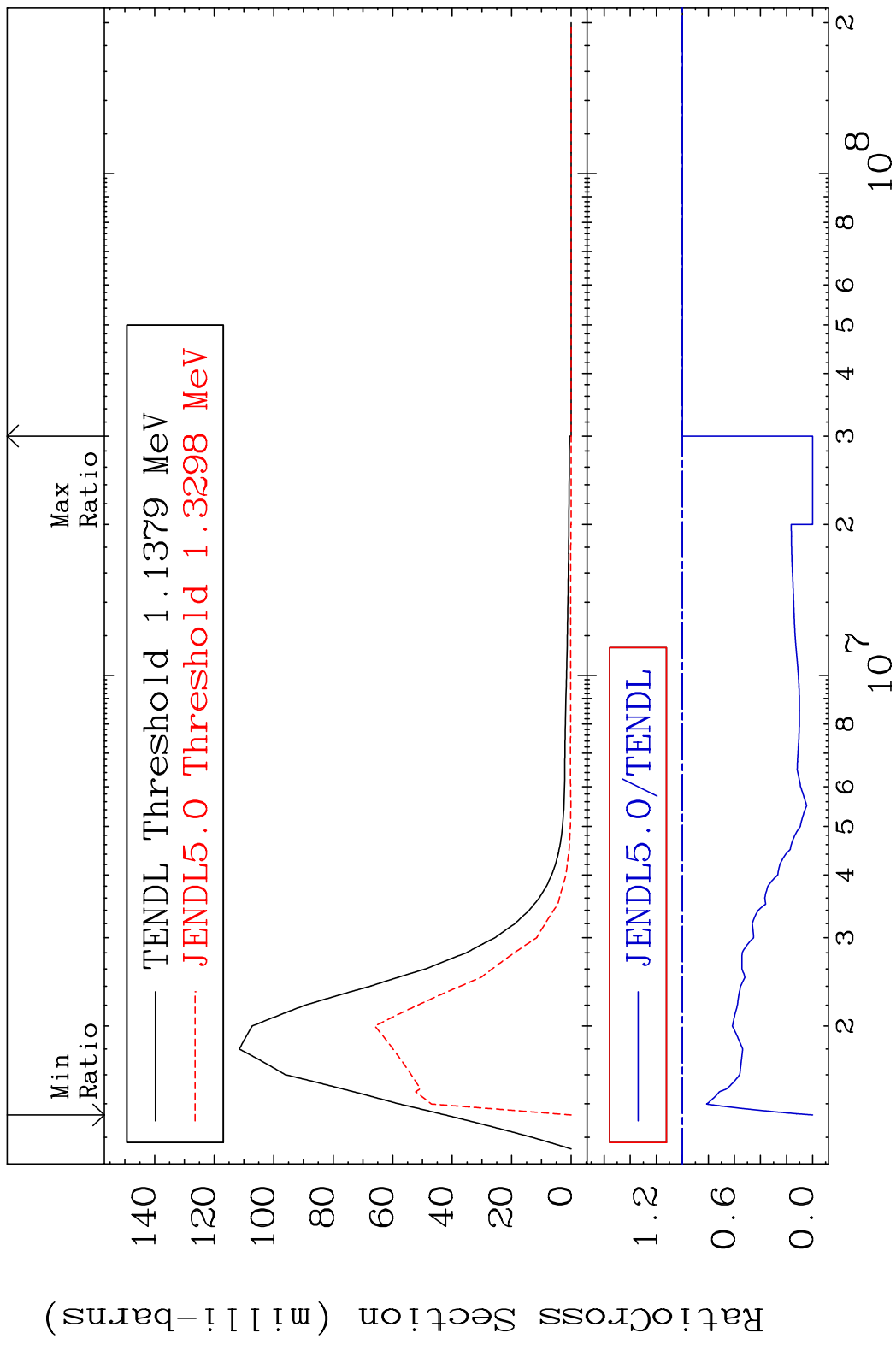


17 Incident Energy (eV) 68-Er-172

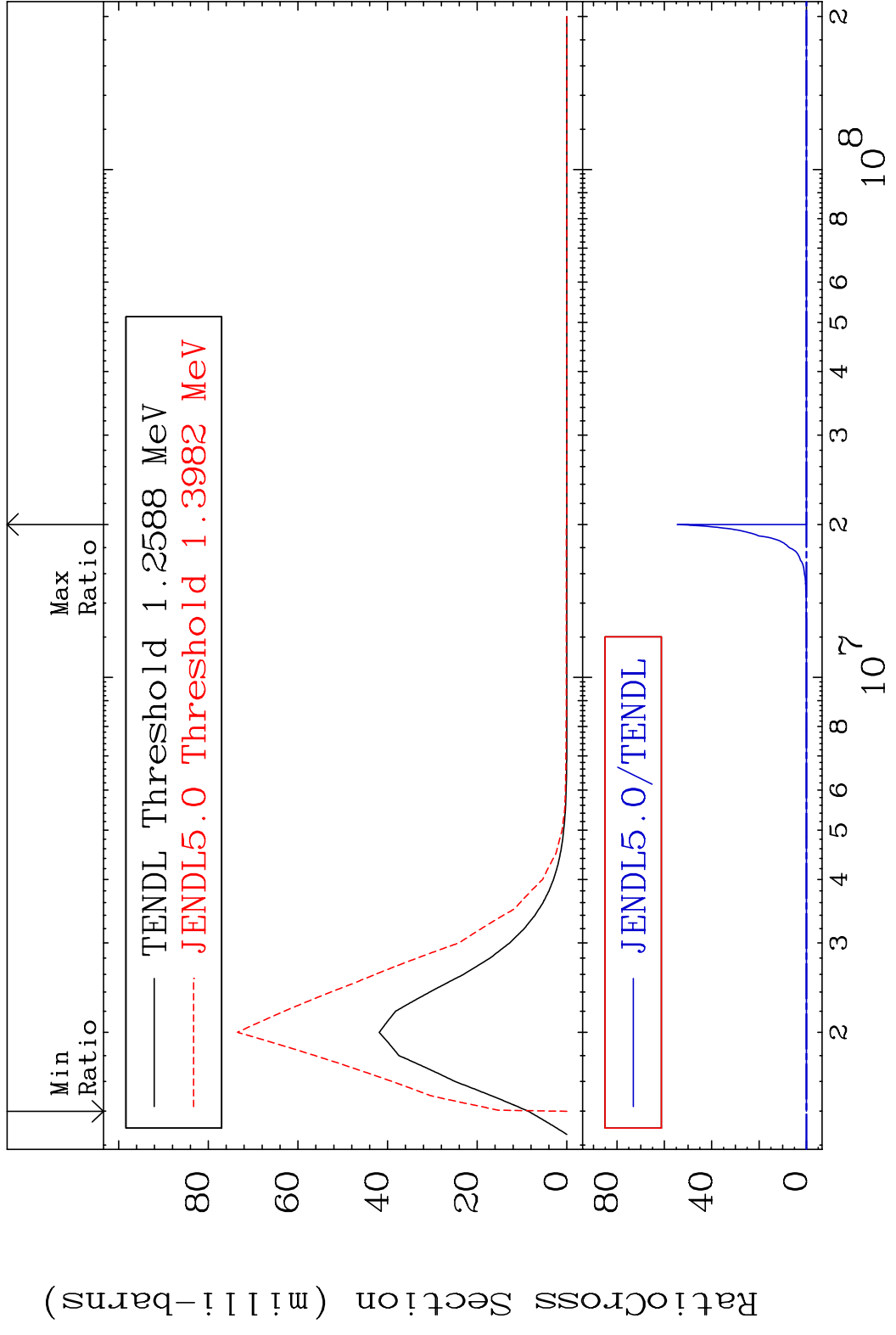
MAT 6855 MT= 58 (n, n') Level 68-Er-172
 Cross Section -100.0 To 73.08 %



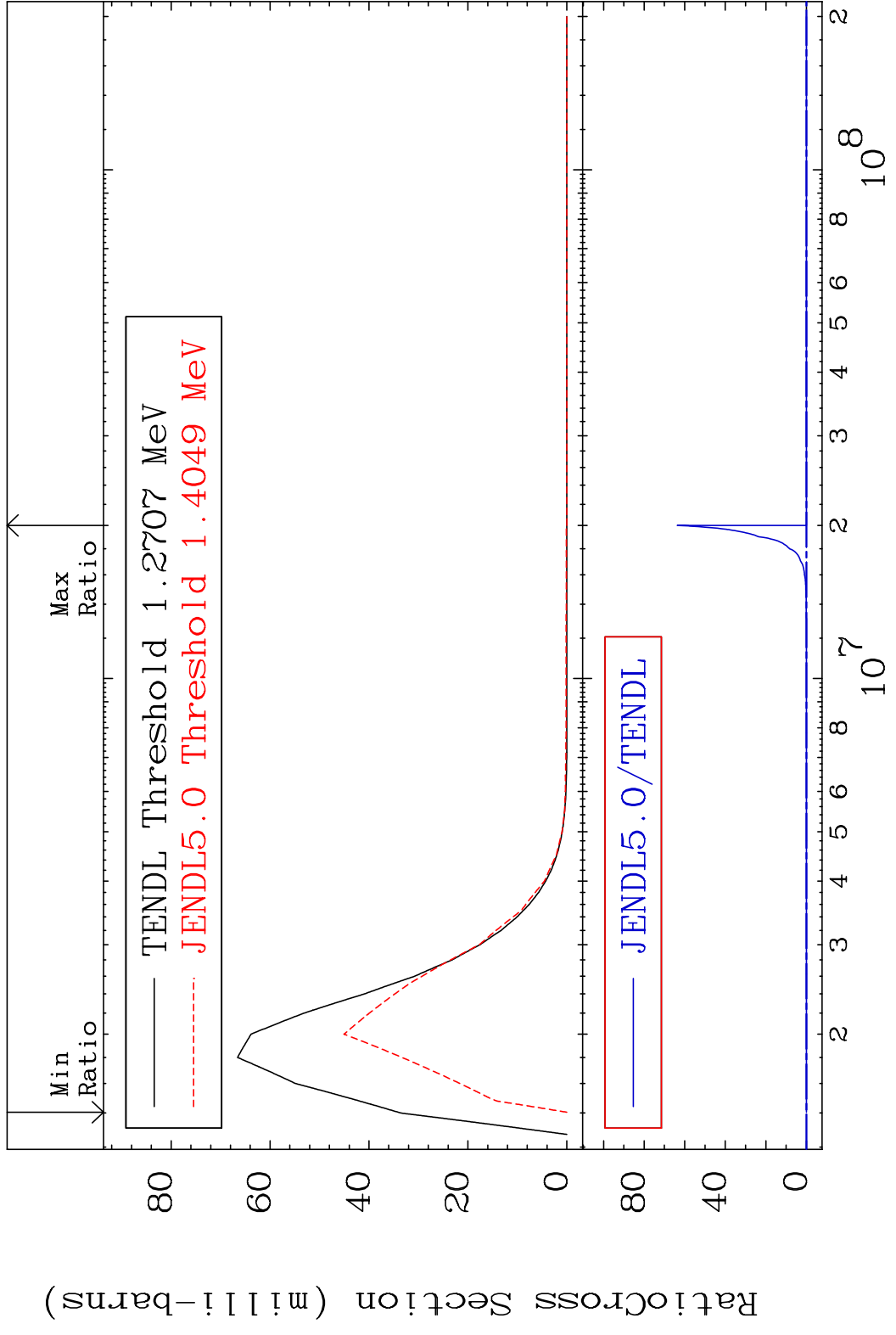
MAT 6855 MT= 59 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %



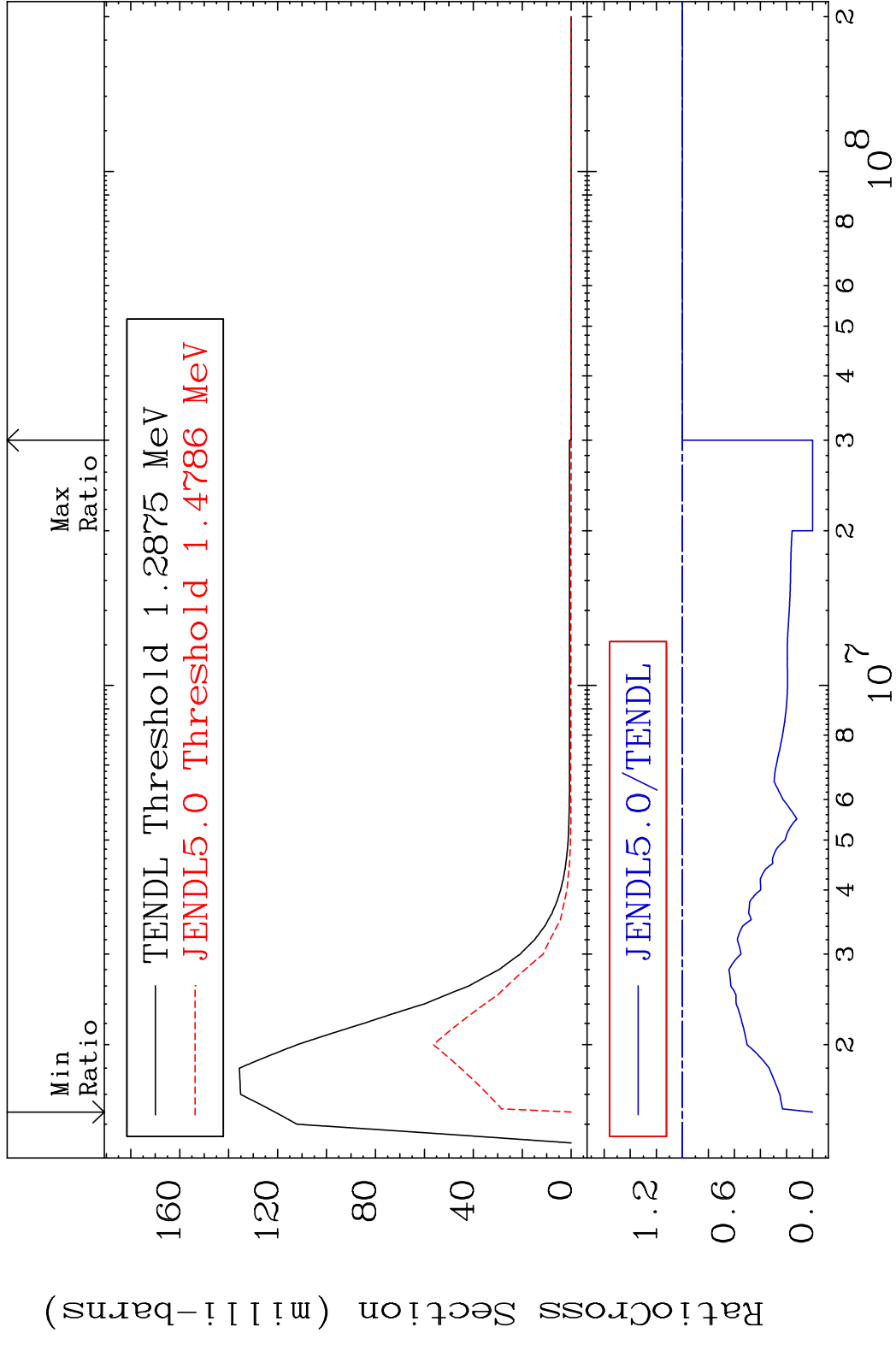
MAT 6855 MT= 60 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



MAT 6855 MT= 61 (n, n') Level 68-Er-172
 Cross Section -100.0 To 9999. %



MAT 6855 MT= 62 (n, n') Level 68-Er-172
 Cross Section -100.0 To 0.000 %

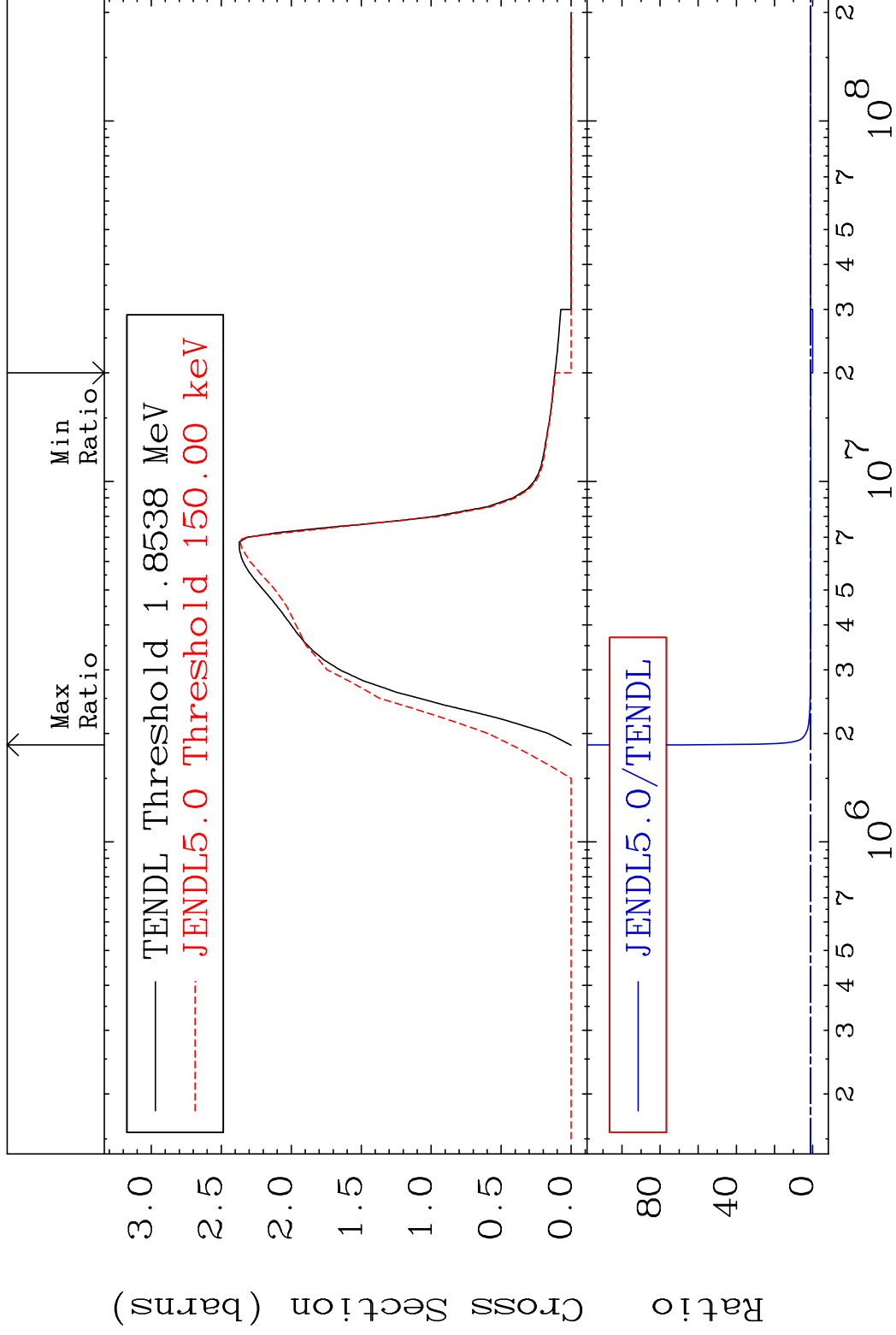


MAT 6855

(n, n') Continuum

68-Er-172

Cross Section -100.0 To 6732. %

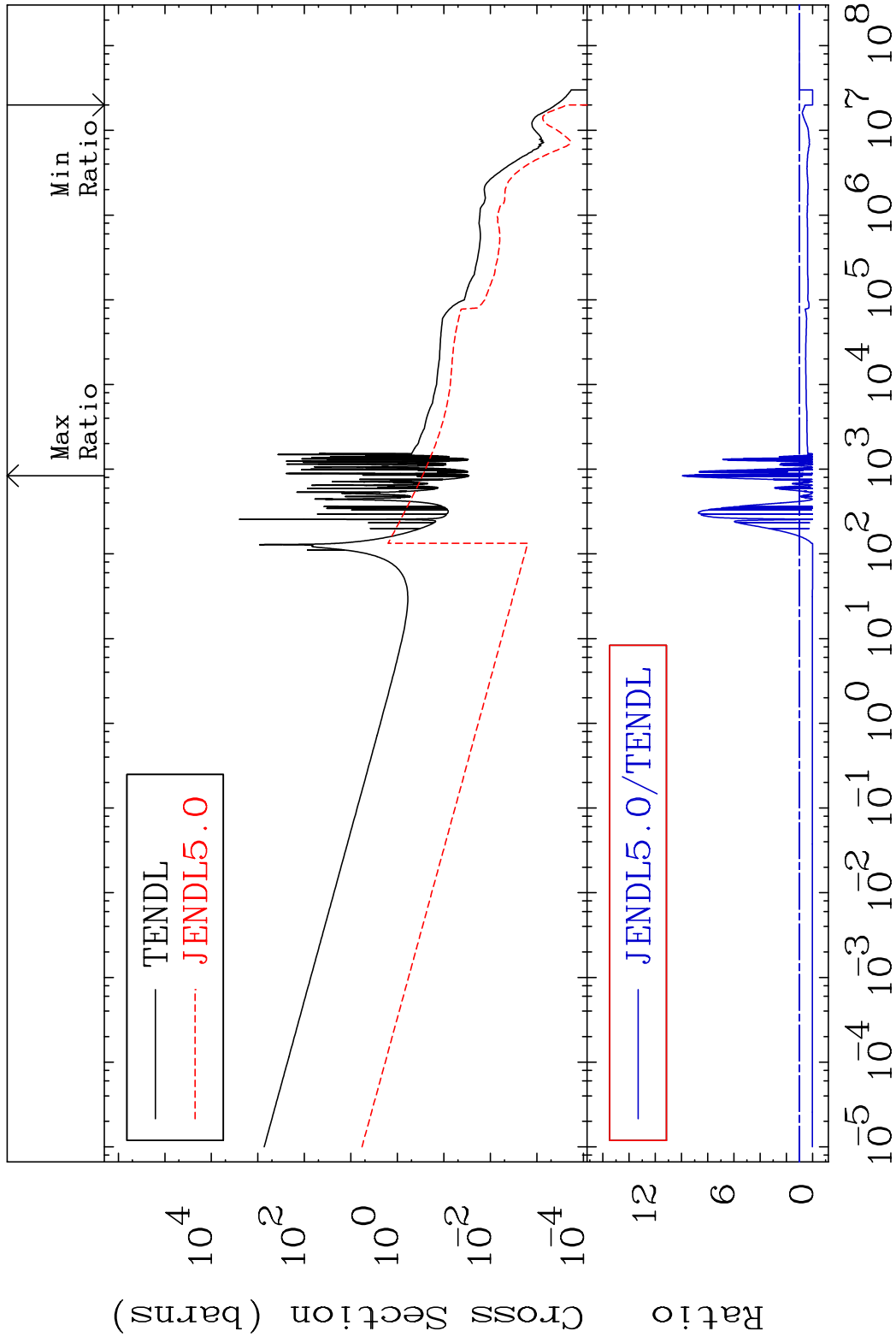


MAT 6855

(n, γ)

68-Er-172

Cross Section -100.0 To 893.5 %

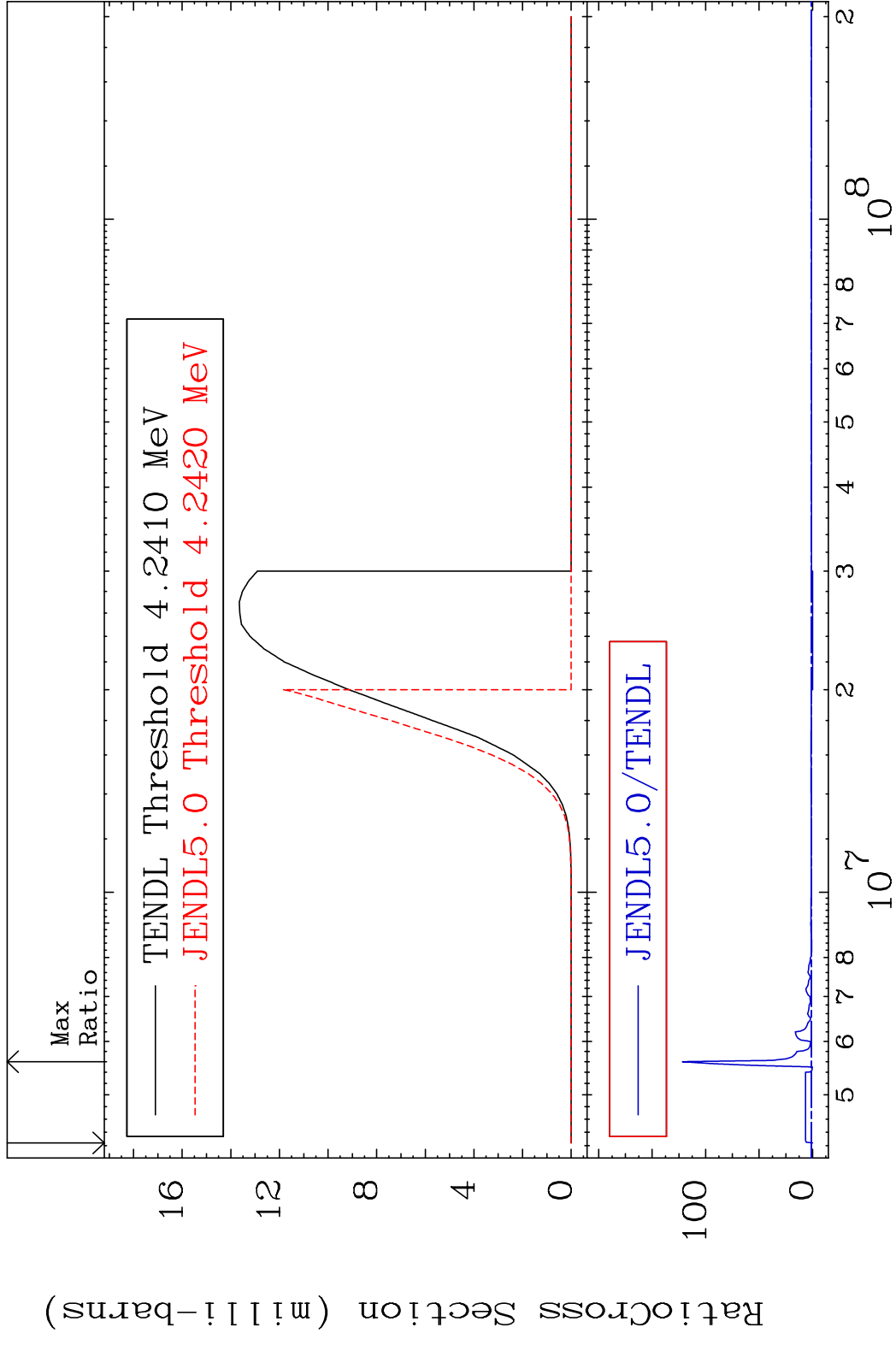


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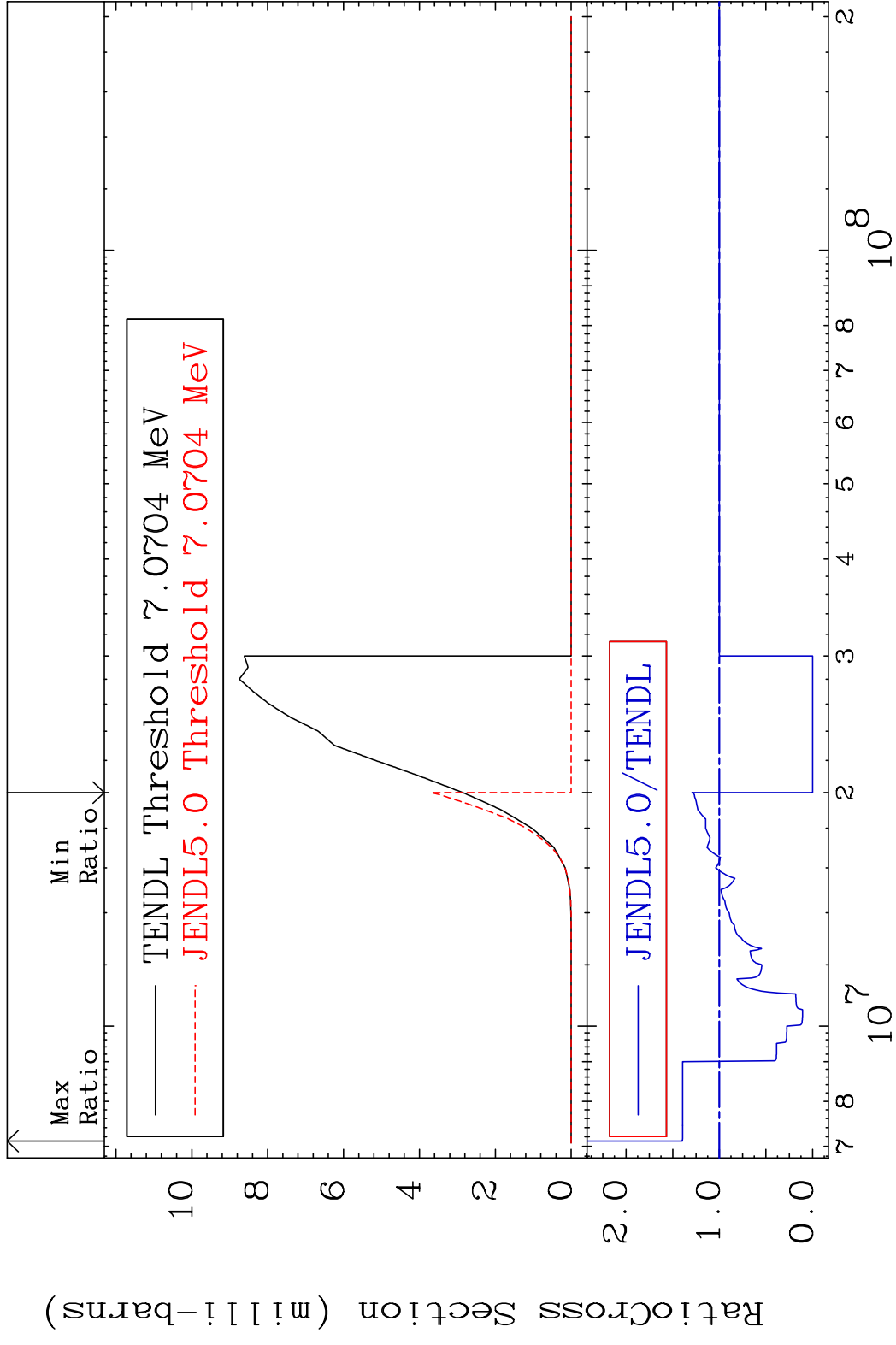
Incident Energy (eV)

68-Er-172

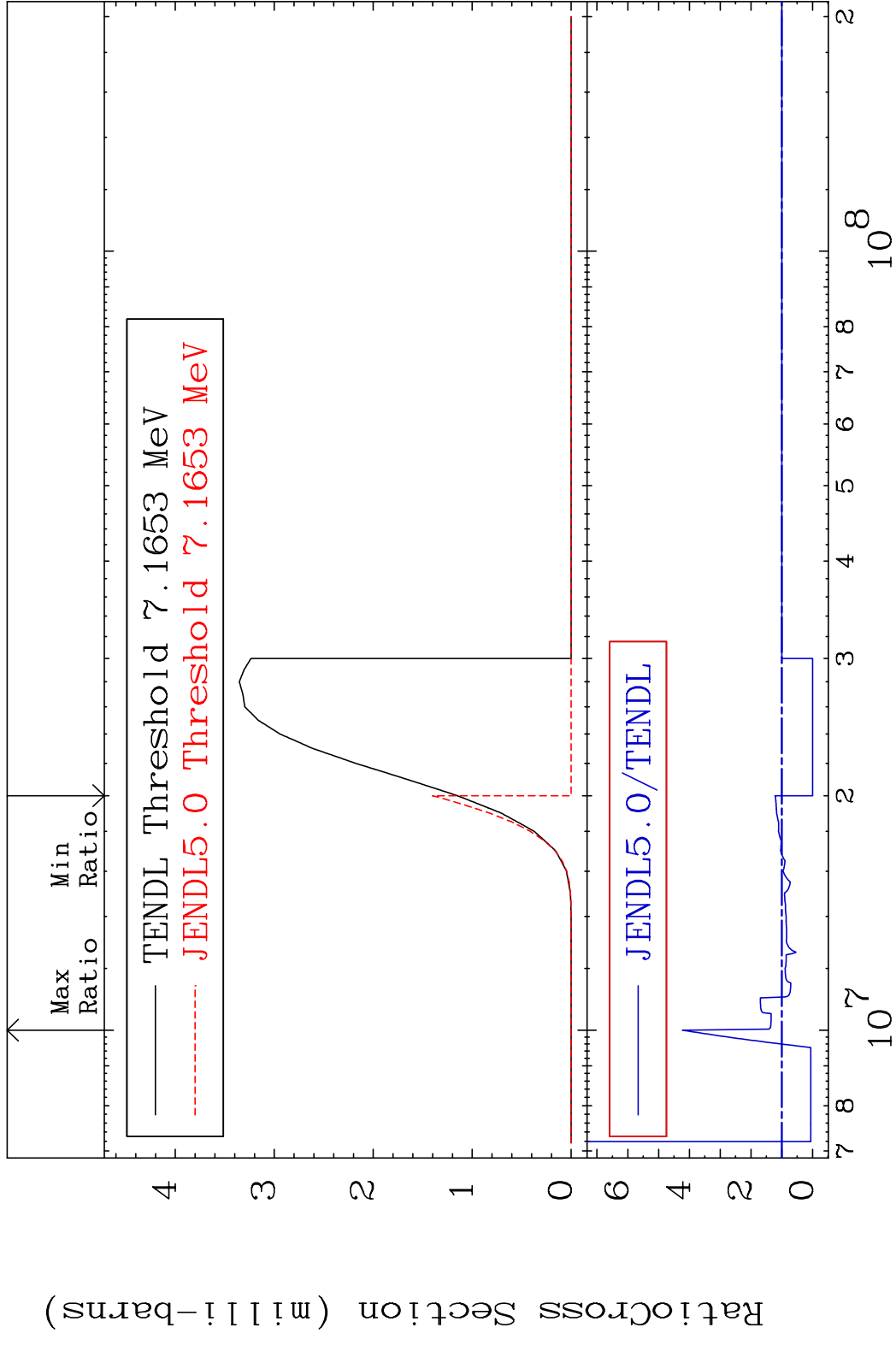
MAT 6855 (n,p) 68-Er-172
 Cross Section -100.0 To 9999. %



MAT 6855 (n,d) 68-Er-172
 Cross Section -100.0 To 39.65 %



MAT 6855 (n, t) 68-Er-172
 Cross Section -100.0 To 322.8 %

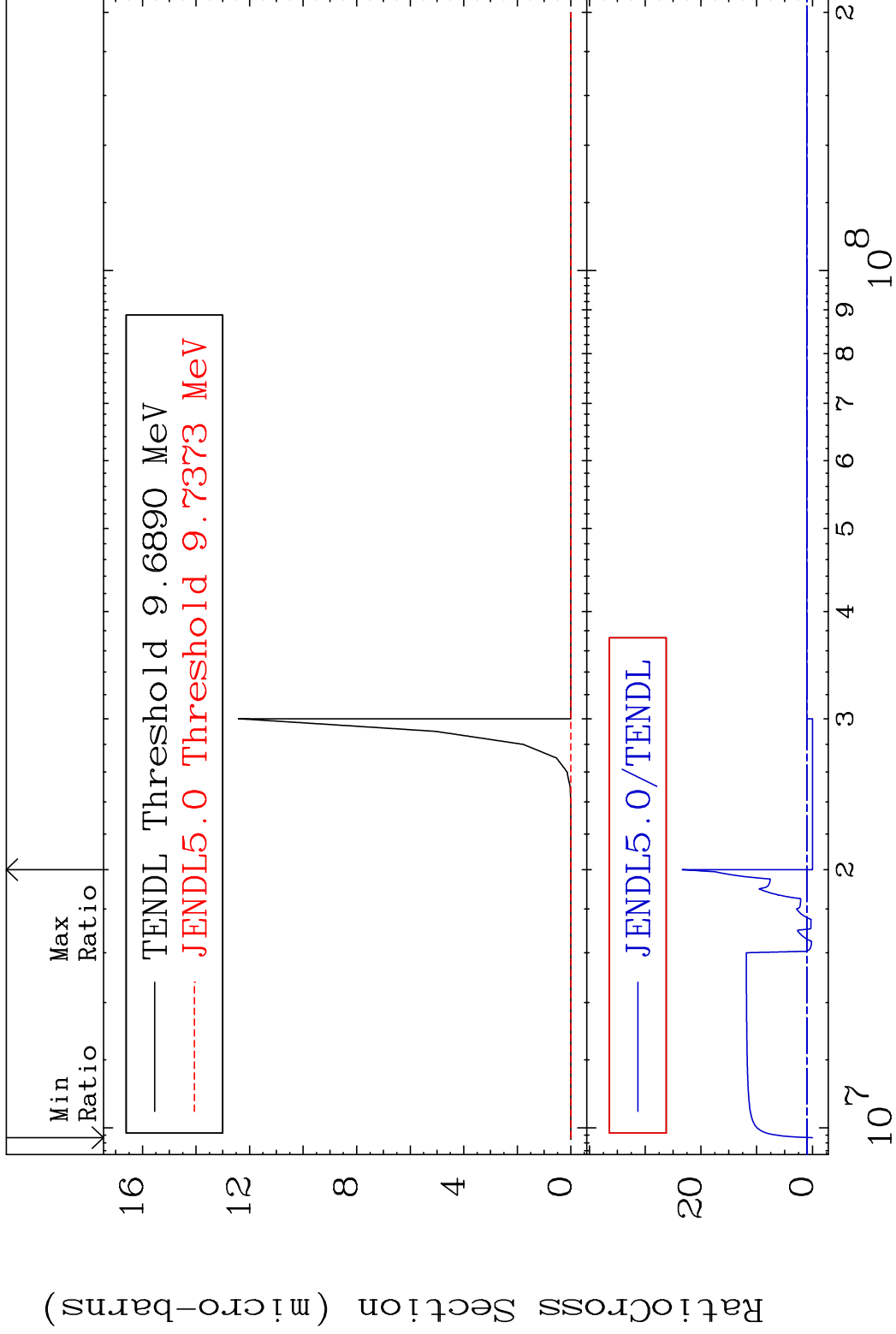


MAT 6855

(n, He-3)

68-Er-172

Cross Section -100.0 To 2237. %



28

Incident Energy (eV)

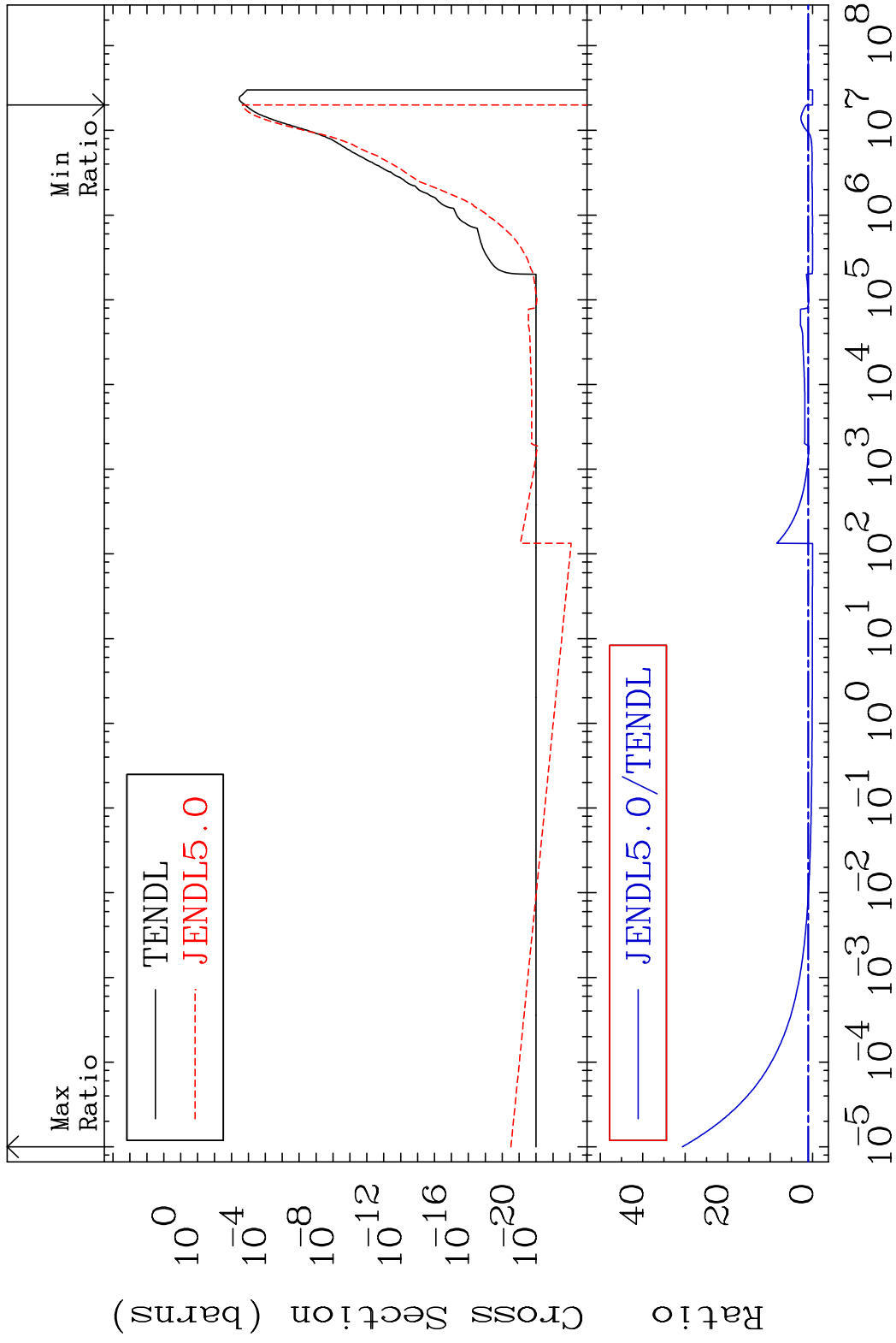
68-Er-172

MAT 6855

(n, α)

68-Er-172

Cross Section -100.0 To 2968. %

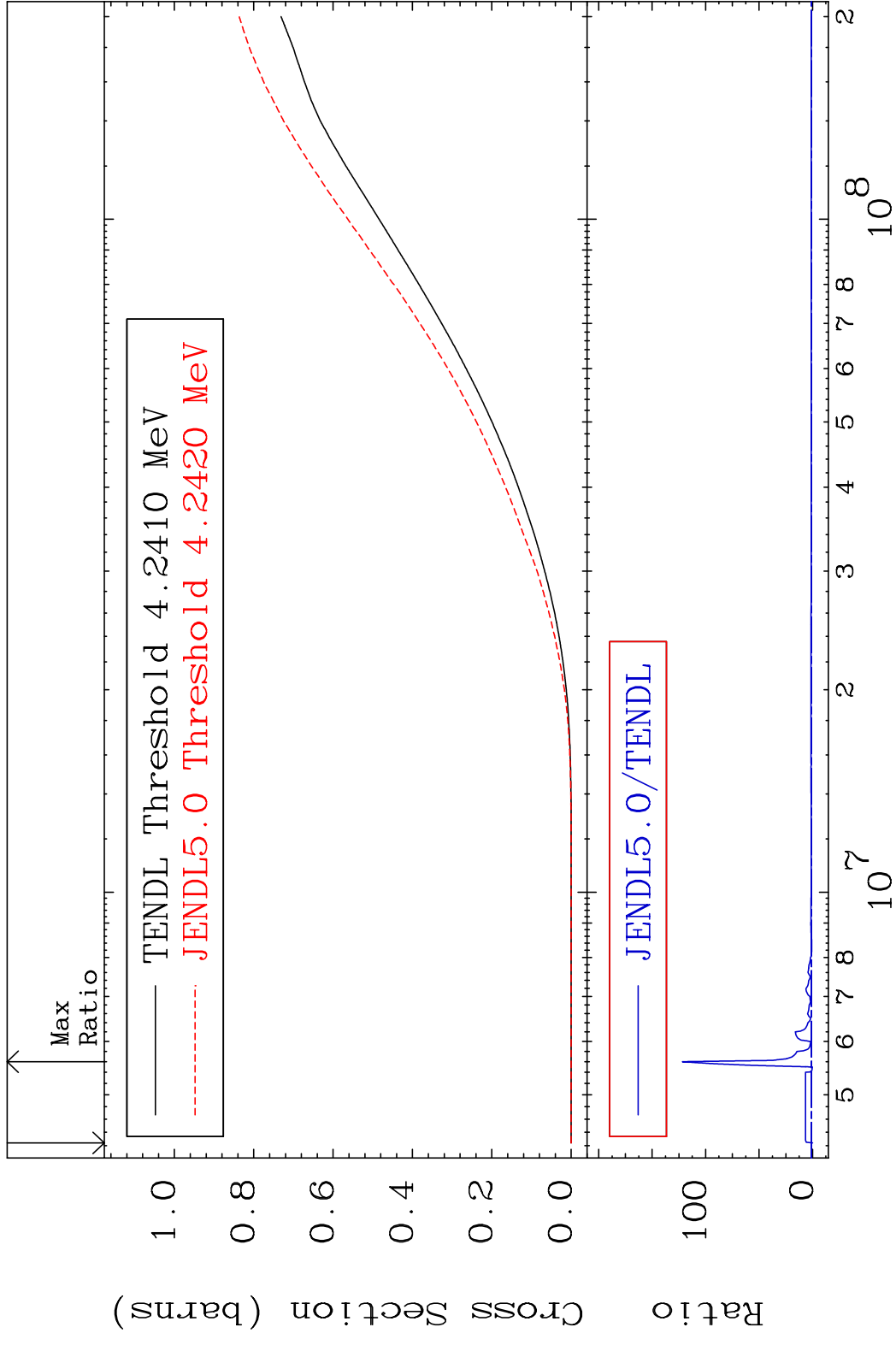


29

Incident Energy (eV)

68-Er-172

MAT 6855 Hydrogen Production 68-Er-172
 Cross Section -100.0 To 9999. %



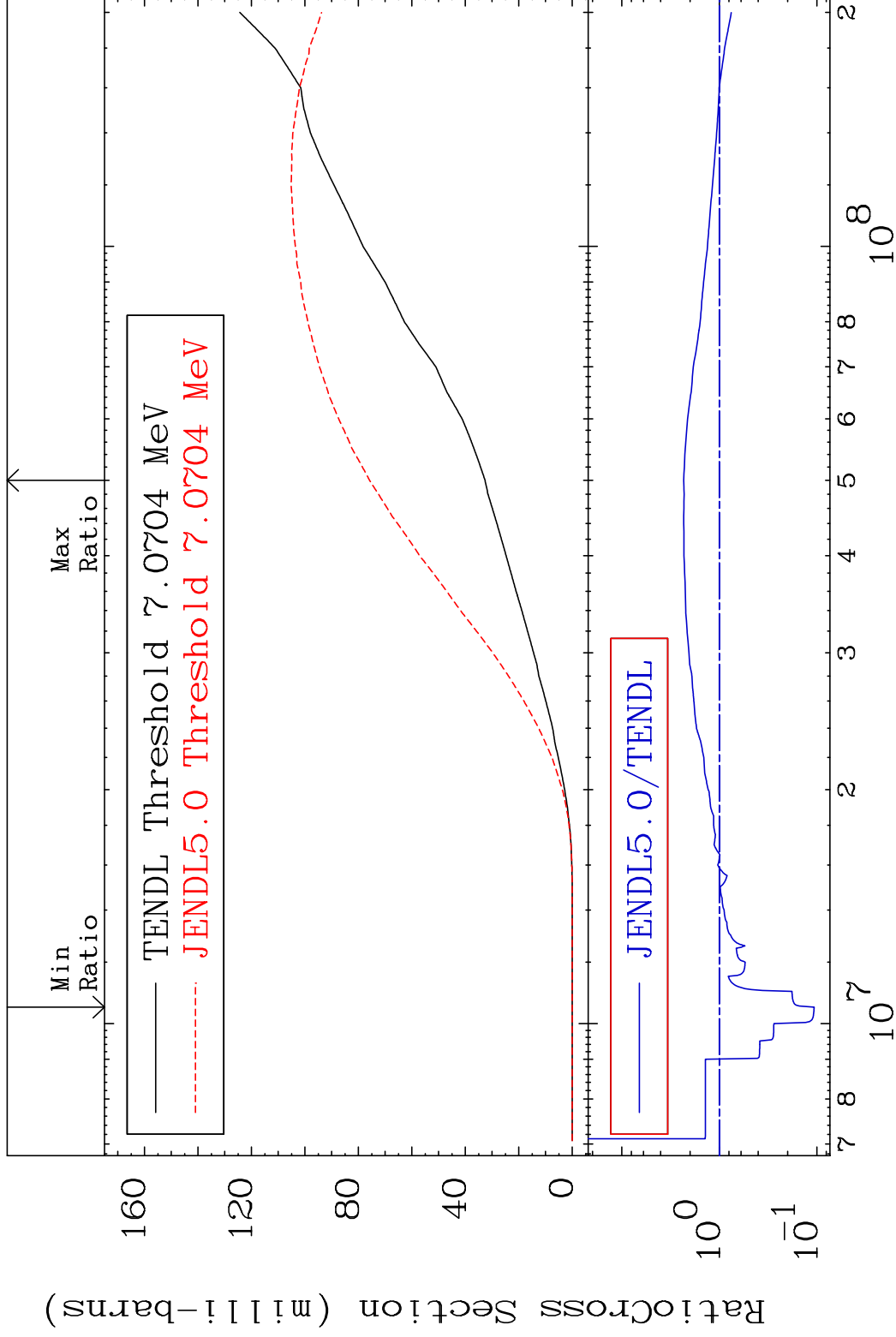
30 Incident Energy (eV) 68-Er-172

MAT 6855

Deuterium Production

68-Er-172

Cross Section -89.32 To 132.4 %

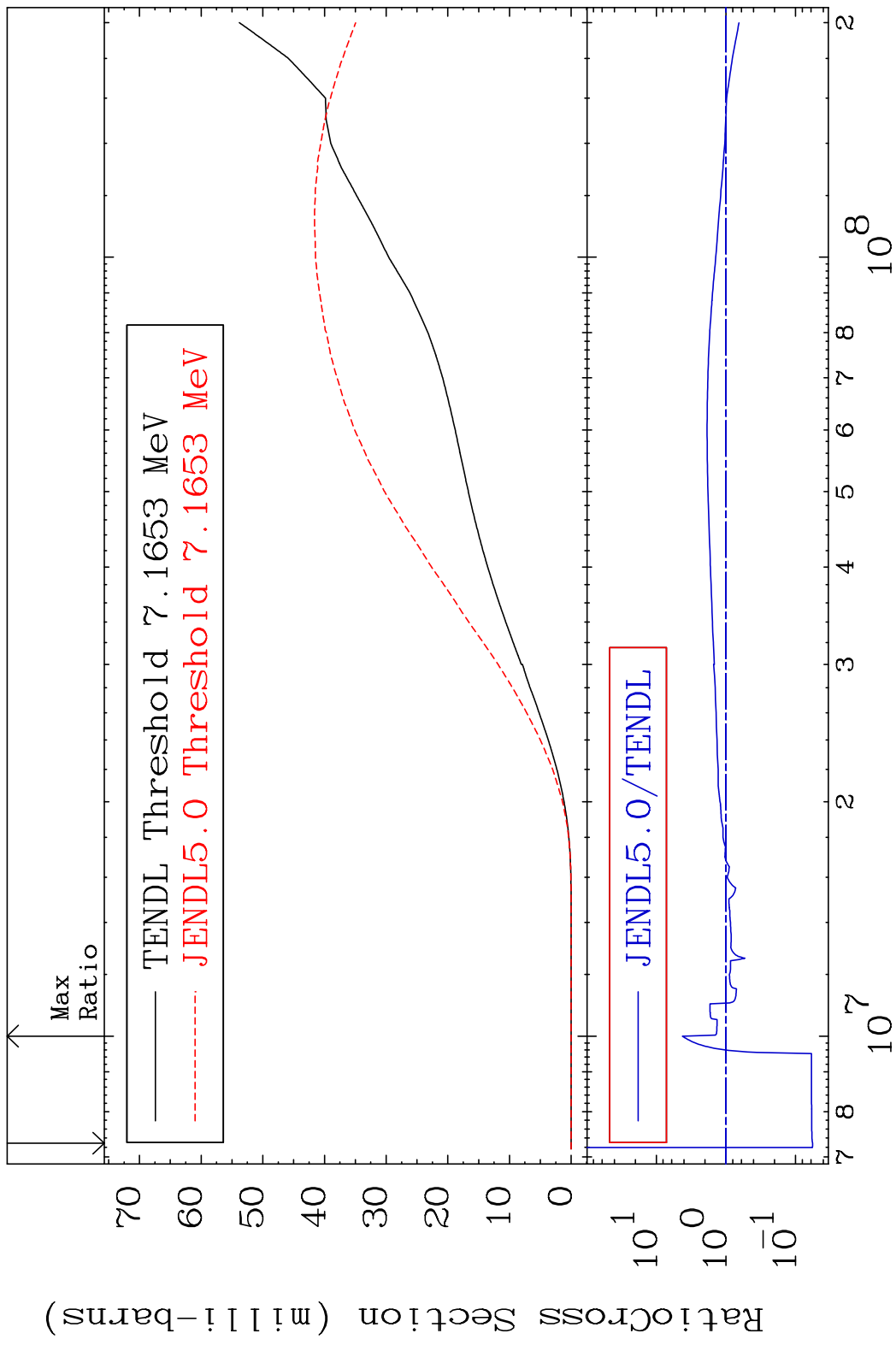


31

Incident Energy (eV)

68-Er-172

MAT 6855 Tritium Production 68-Er-172
 Cross Section -94.30 To 322.8 %

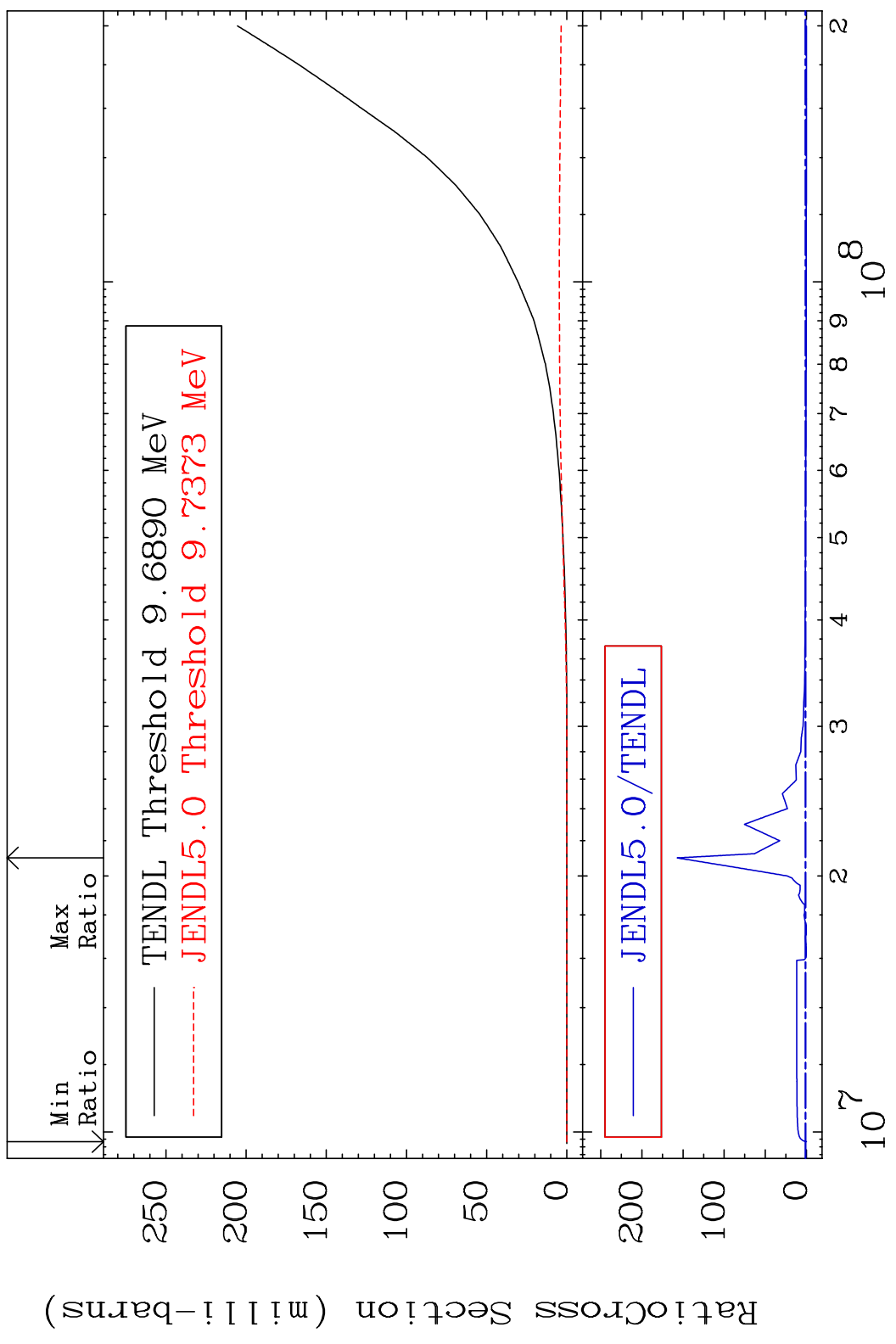


MAT 6855

He-3 Production

68-Er-172

Cross Section -100.0 To 9999. %

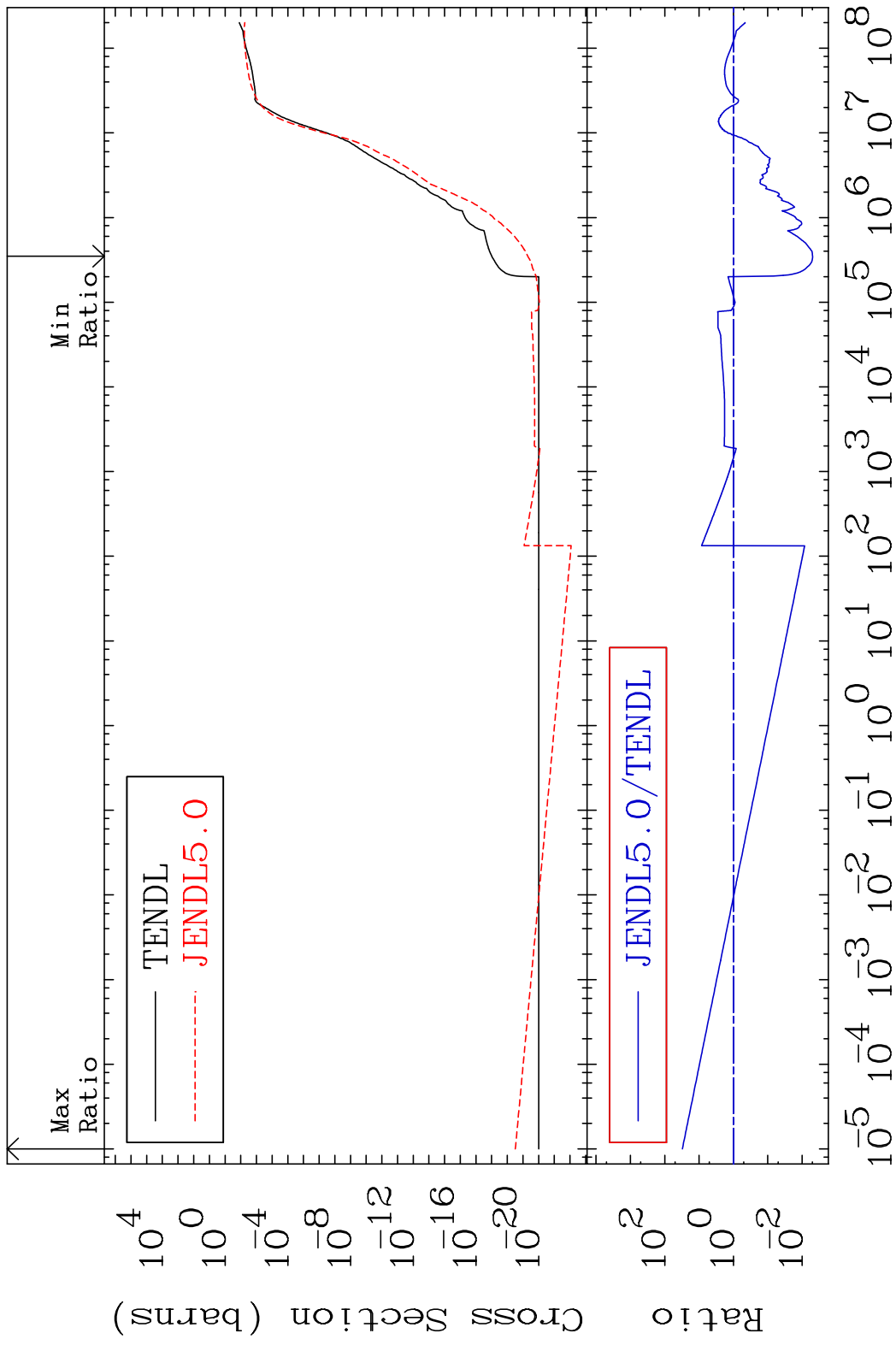


33

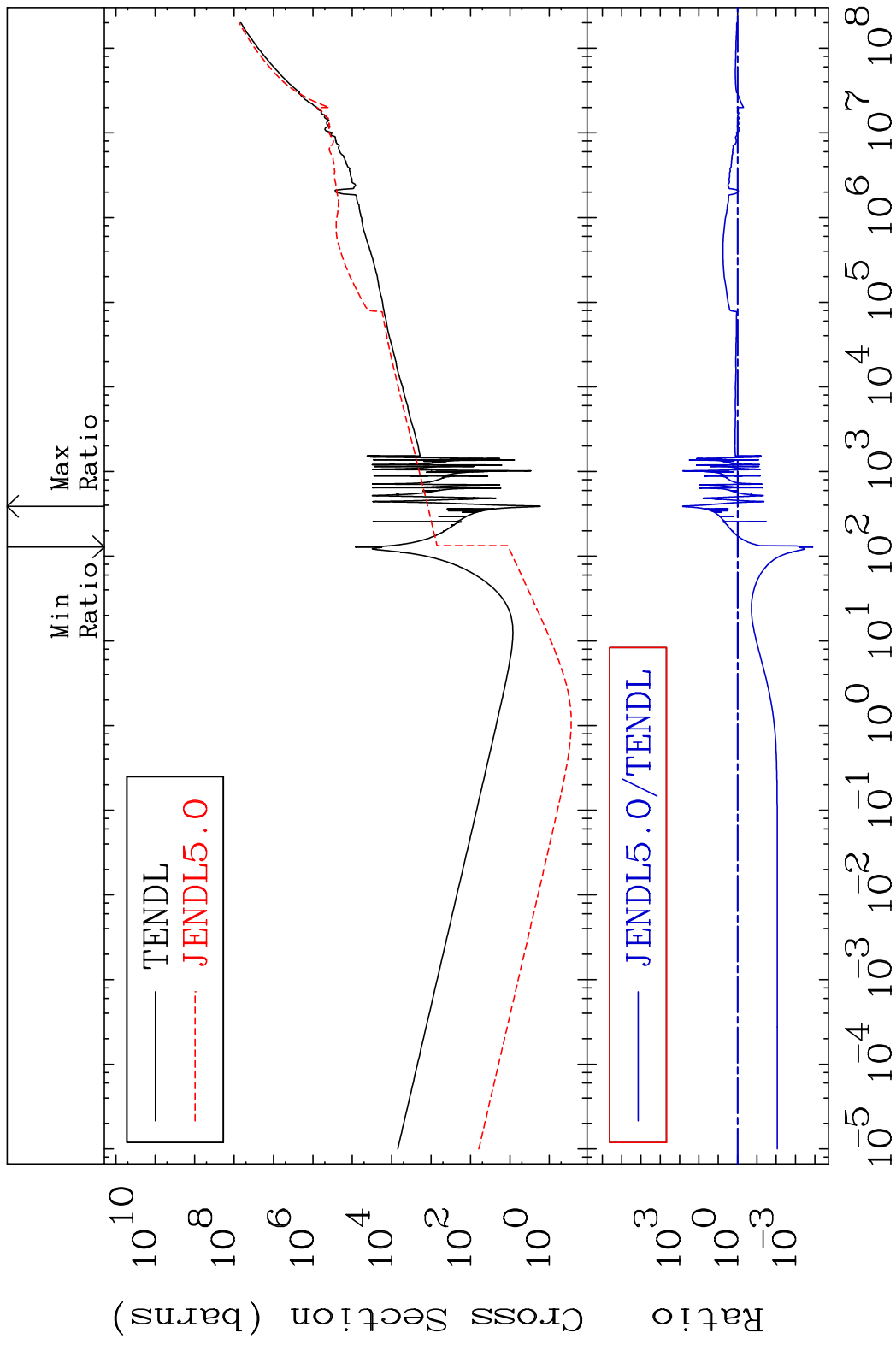
Incident Energy (eV)

68-Er-172

MAT 6855 He-4 Production 68-Er-172
 Cross Section -99.50 To 2968. %



MAT 6855 Kerma total (eV-barns) 68-Er-172
 Cross Section -99.99 To 9999. %

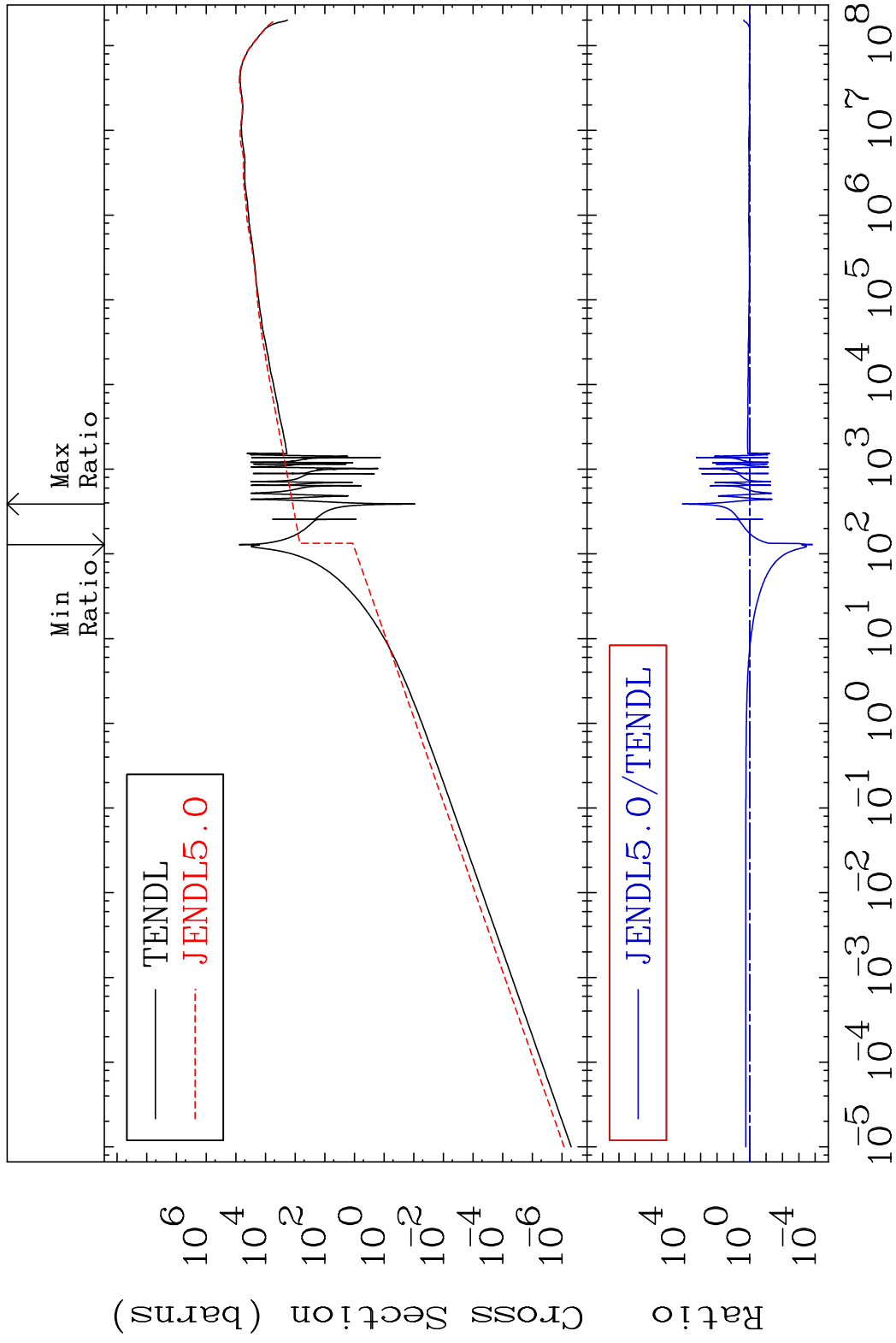


MAT 6855

Kerma elastic

68-Er-172

Cross Section -99.99 To 9999. %

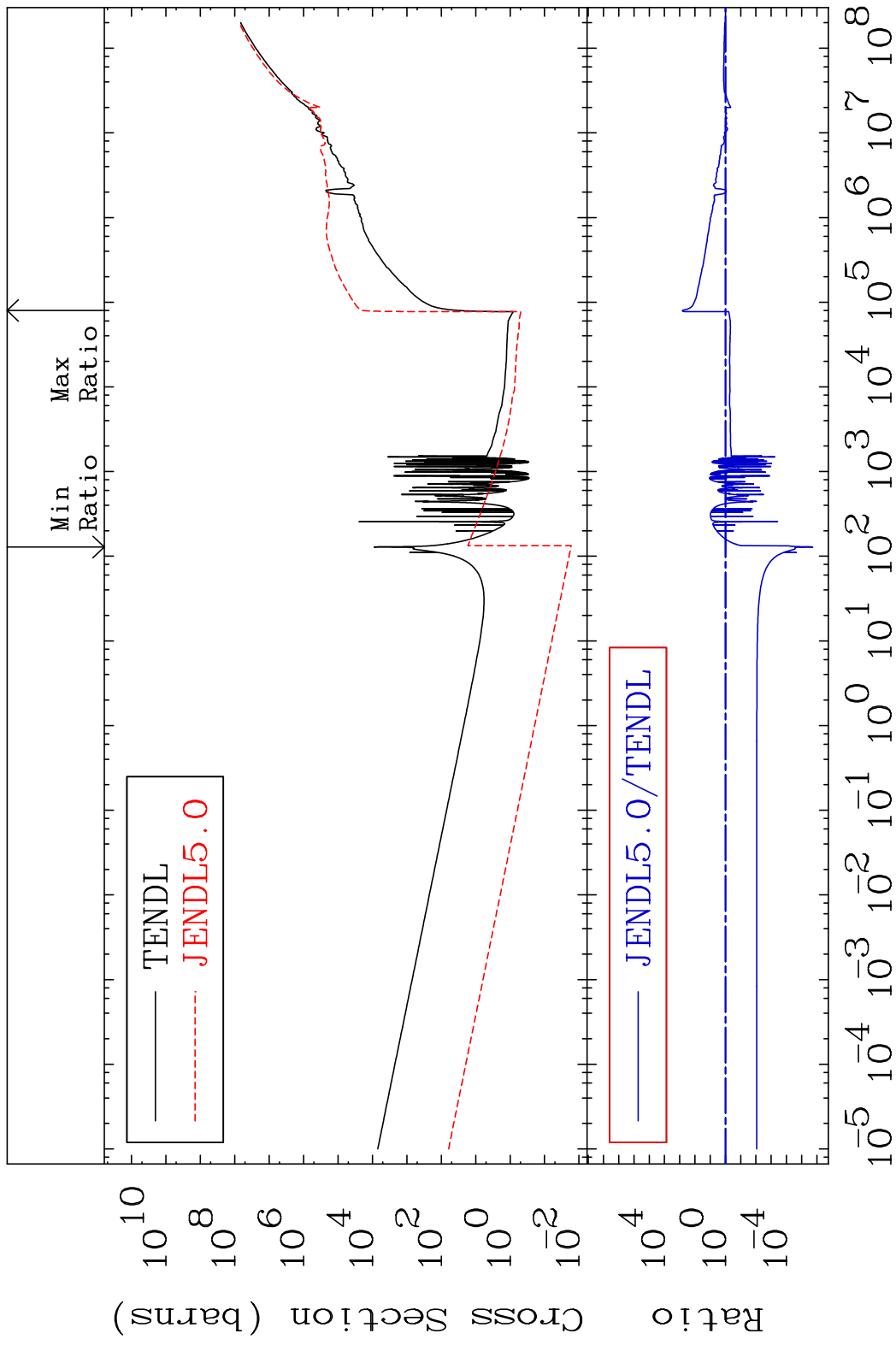


36

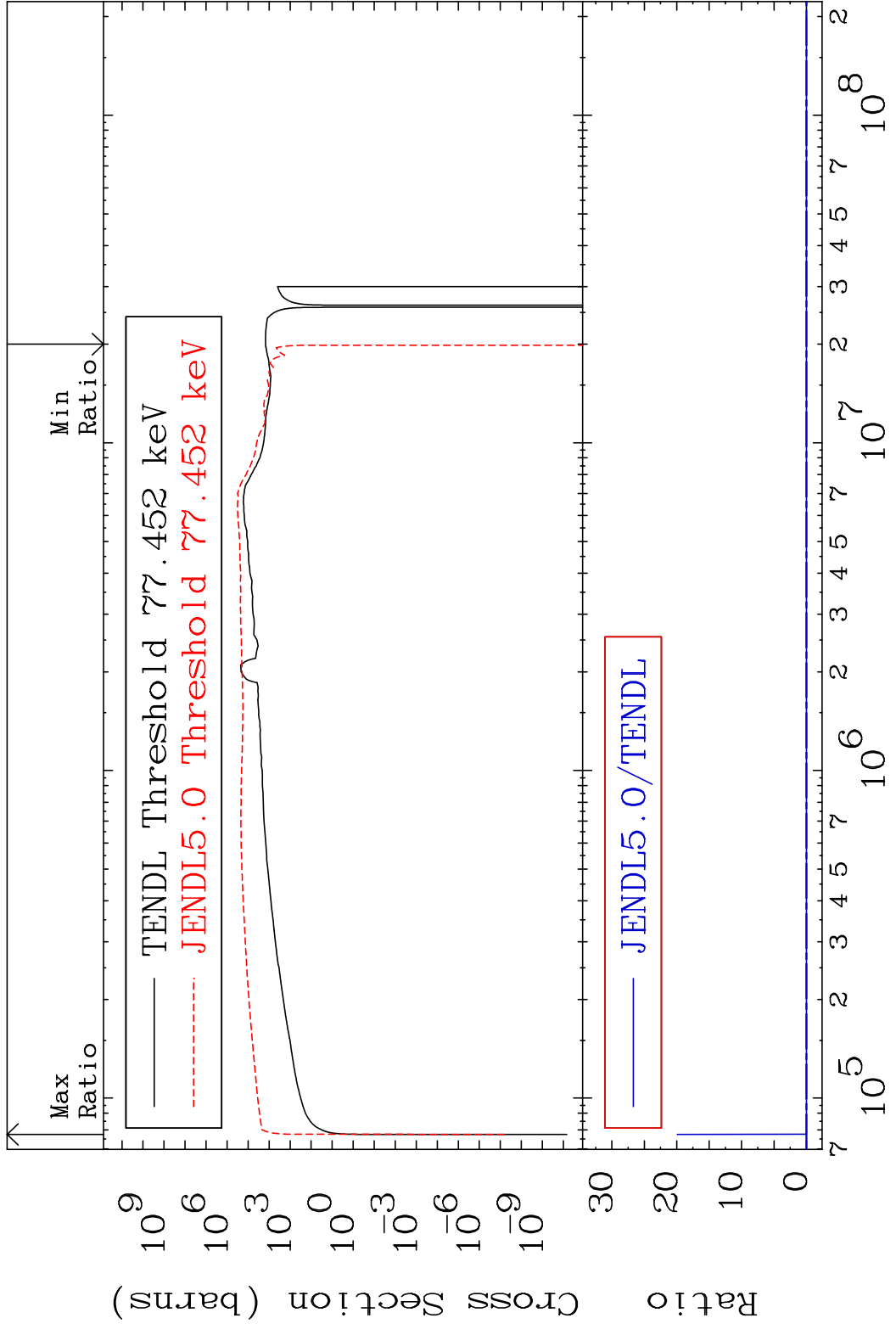
Incident Energy (eV)

68-Er-172

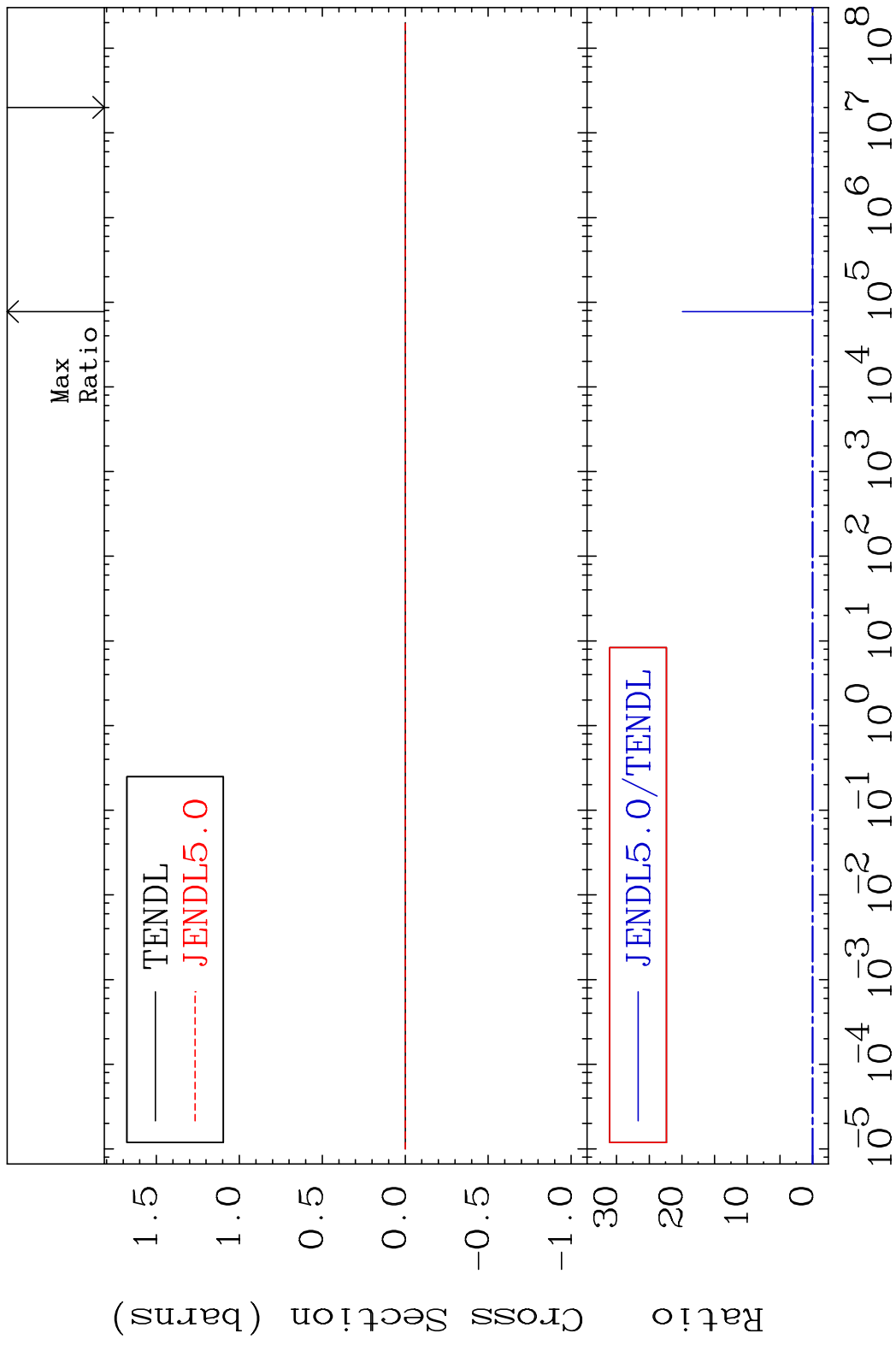
MAT 6855 Kerma non-elastic (all but mt2) 68-Er-172
 Cross Section -100.0 To 9999. %



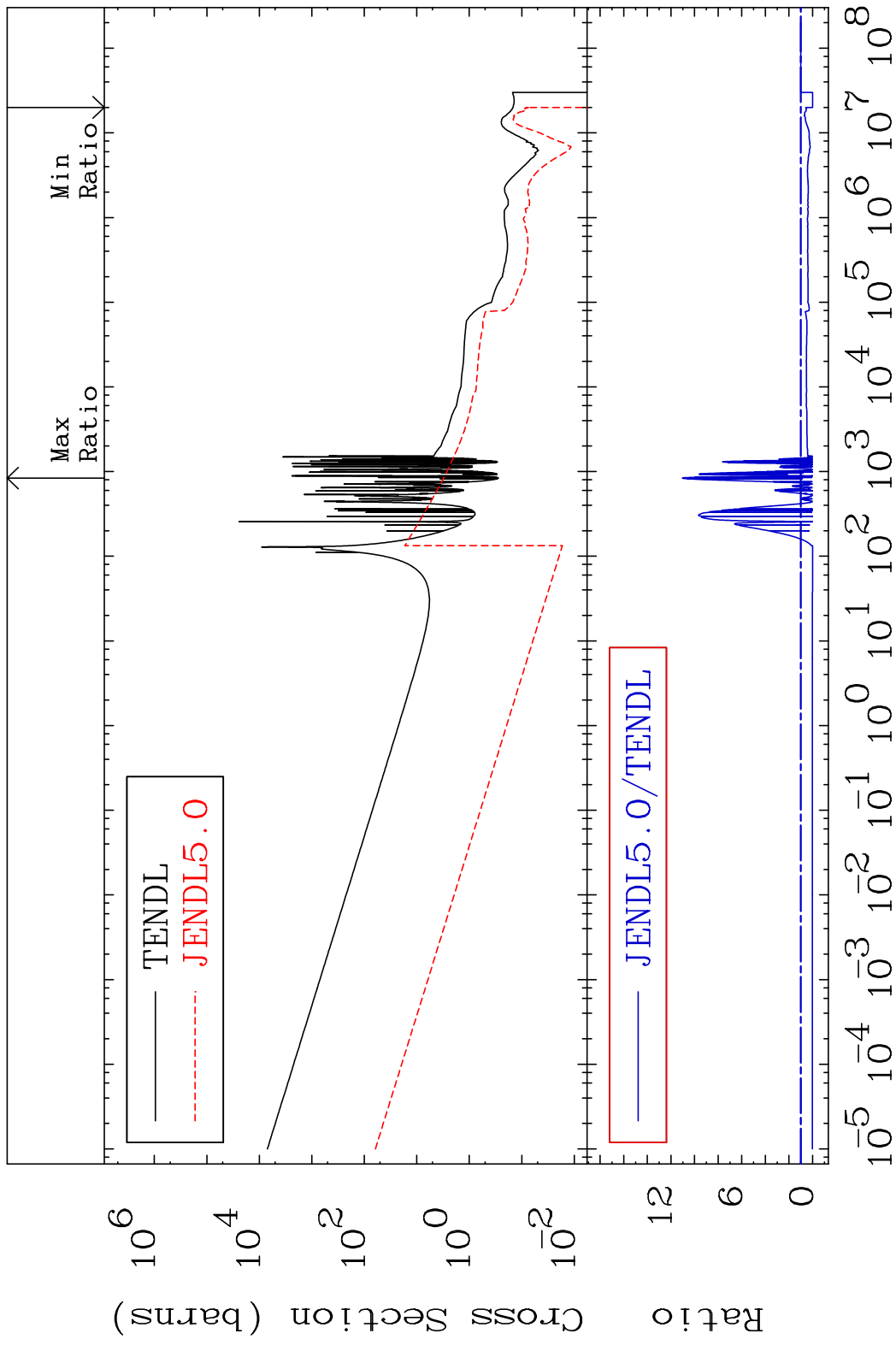
MAT 6855 Kerma inelastic (mt51-91) 68-Er-172
 Cross Section -111.8 To 9999. %



MAT 6855 Kerma fission (mt18 or mt19-20-21-38) 68-Er-172
 Cross Section -111.8 To 9999. %

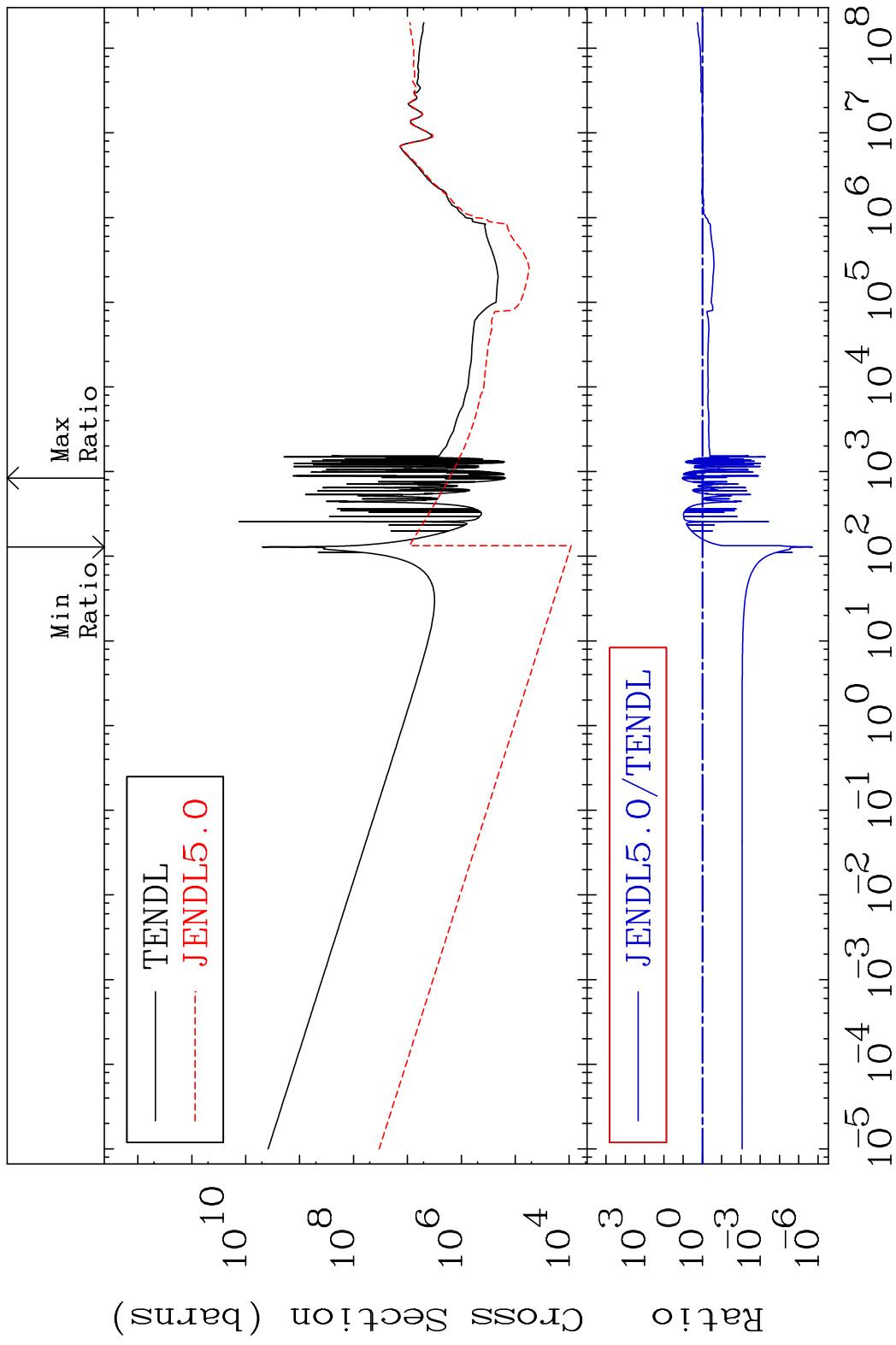


MAT 6855 Kerma capture (mt102) 68-Er-172
Cross Section -100.0 To 1003. %

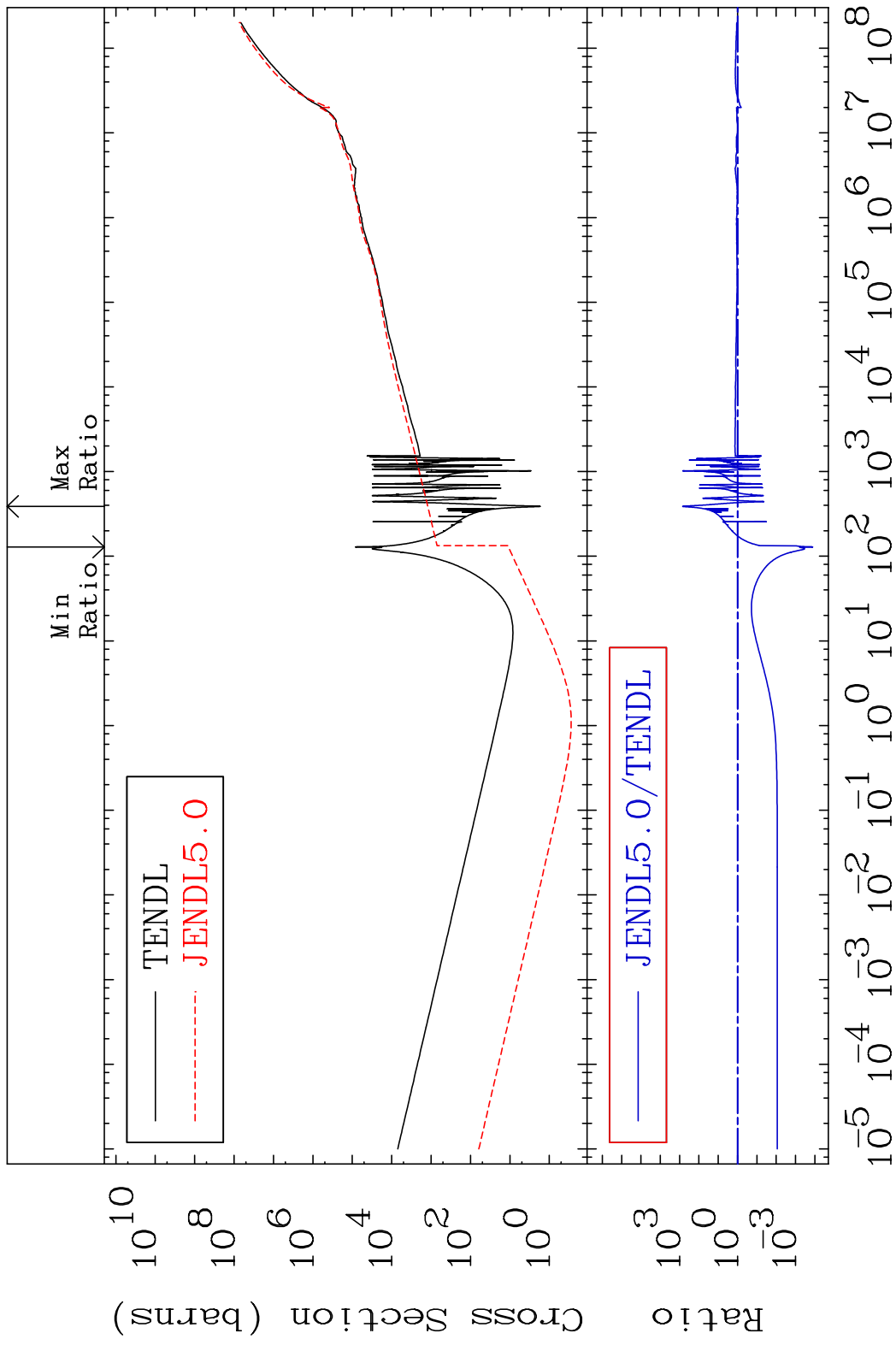


40 Incident Energy (eV) 68-Er-172

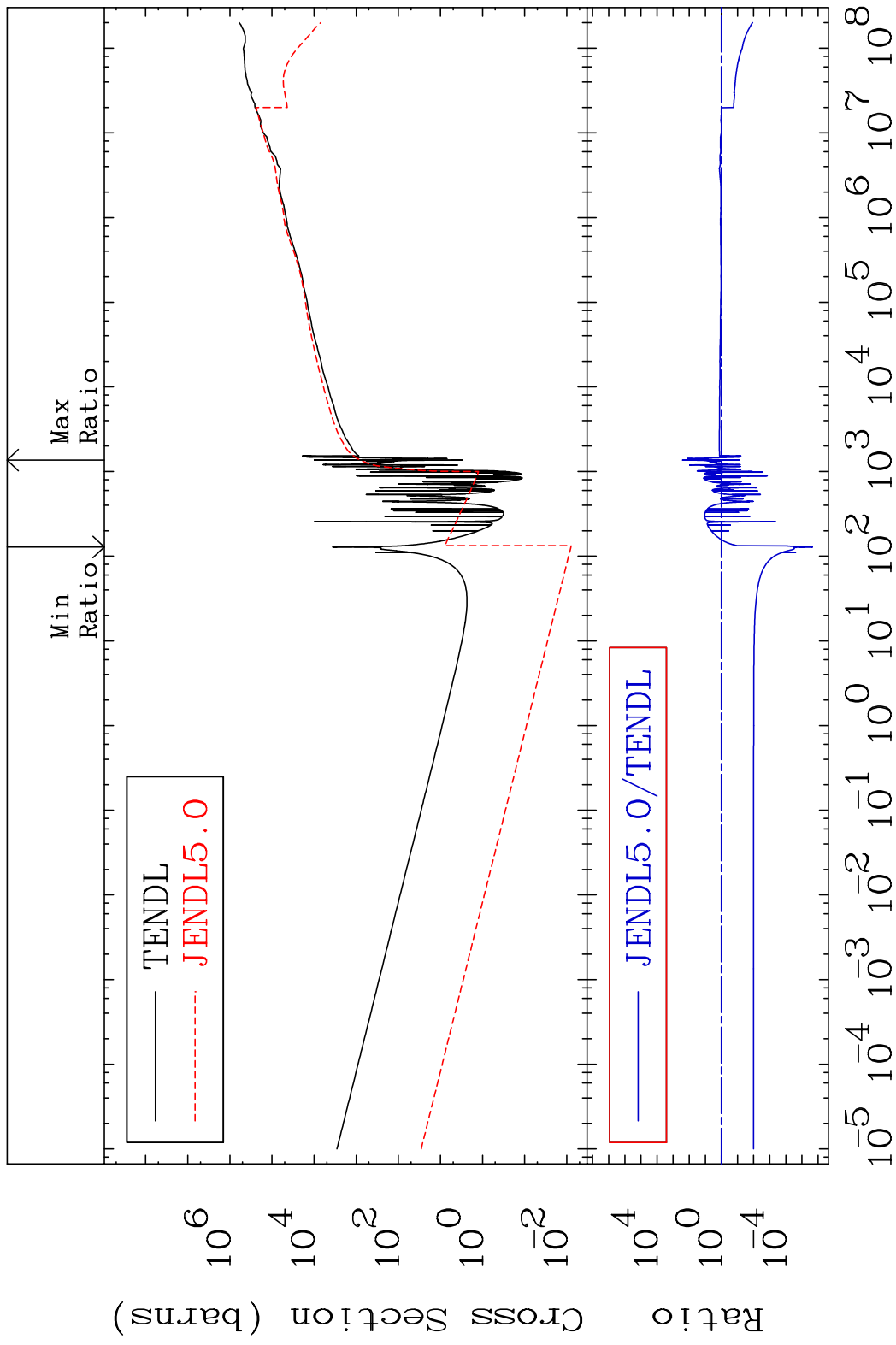
MAT 6855 Total photon (eV-barns) 68-Er-172
 Cross Section -100.0 To 994.4 %



MAT 6855 Total kinematic kerma (high limit) 68-Er-172
 Cross Section -99.99 To 9999. %



MAT 6855 Dpa total (eV-barns) 68-Er-172
Cross Section -100.0 To 9999. %

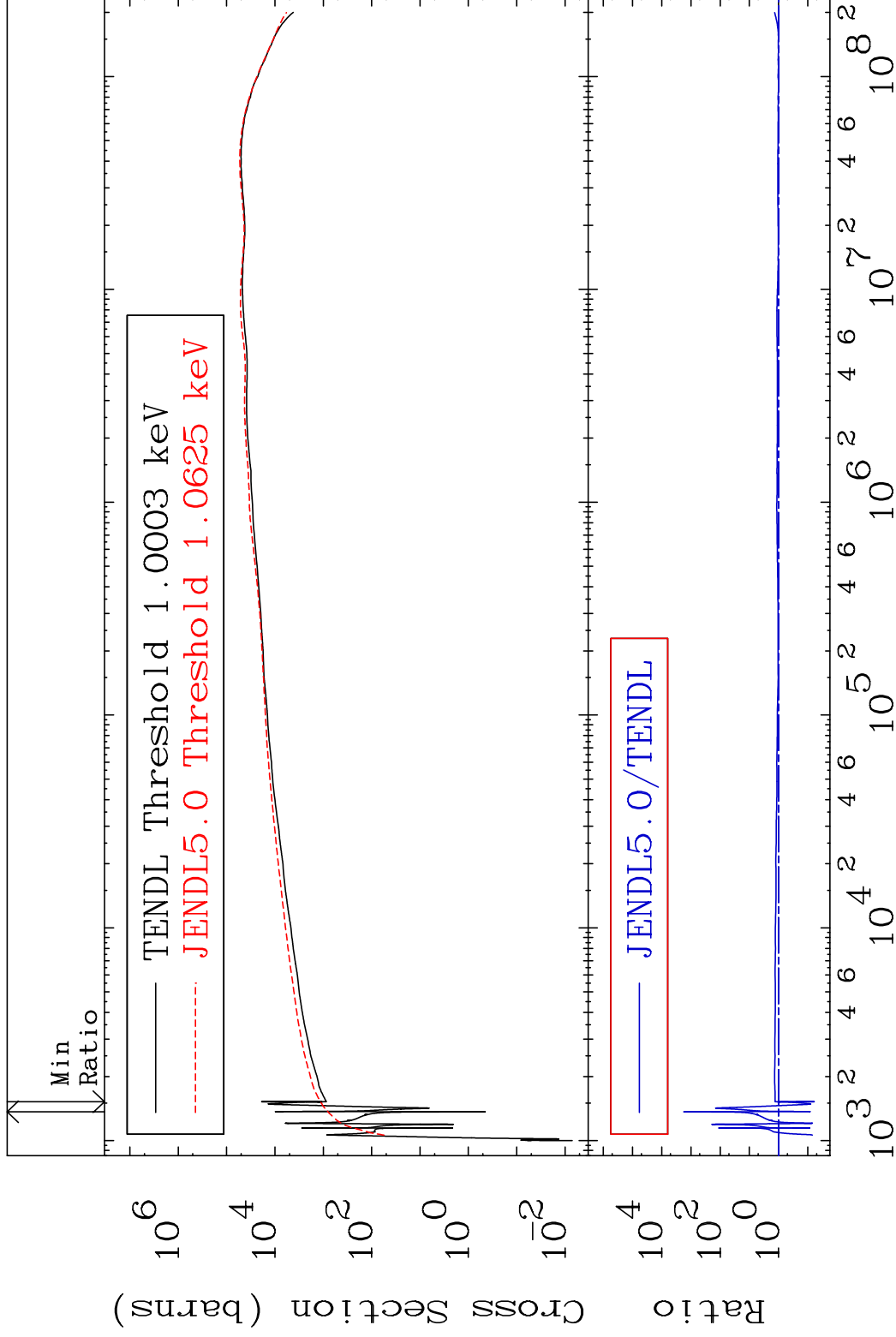


MAT 6855

Dpa elastic (mt2)

68-Er-172

Cross Section -93.93 To 9999. %

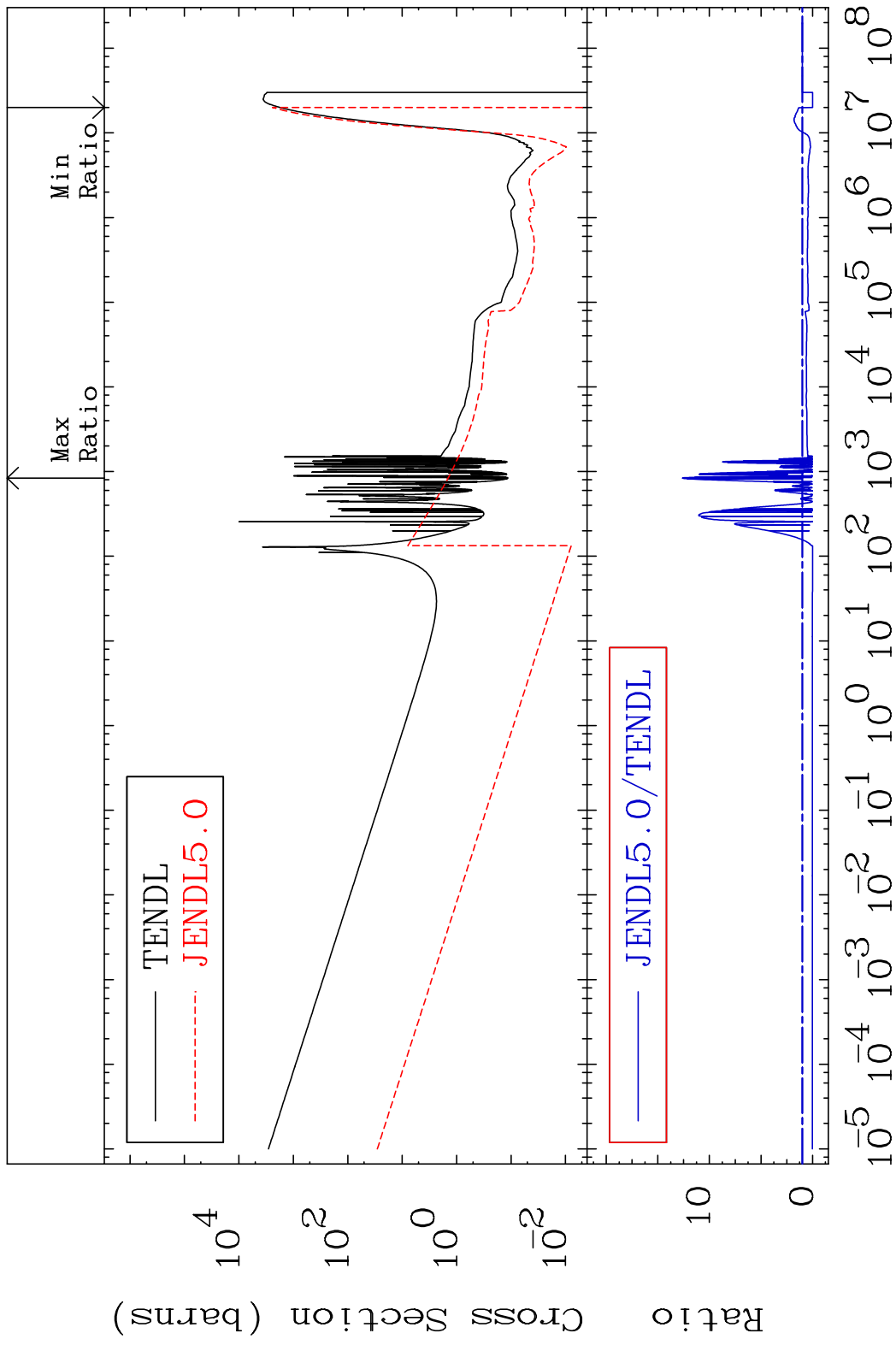


44

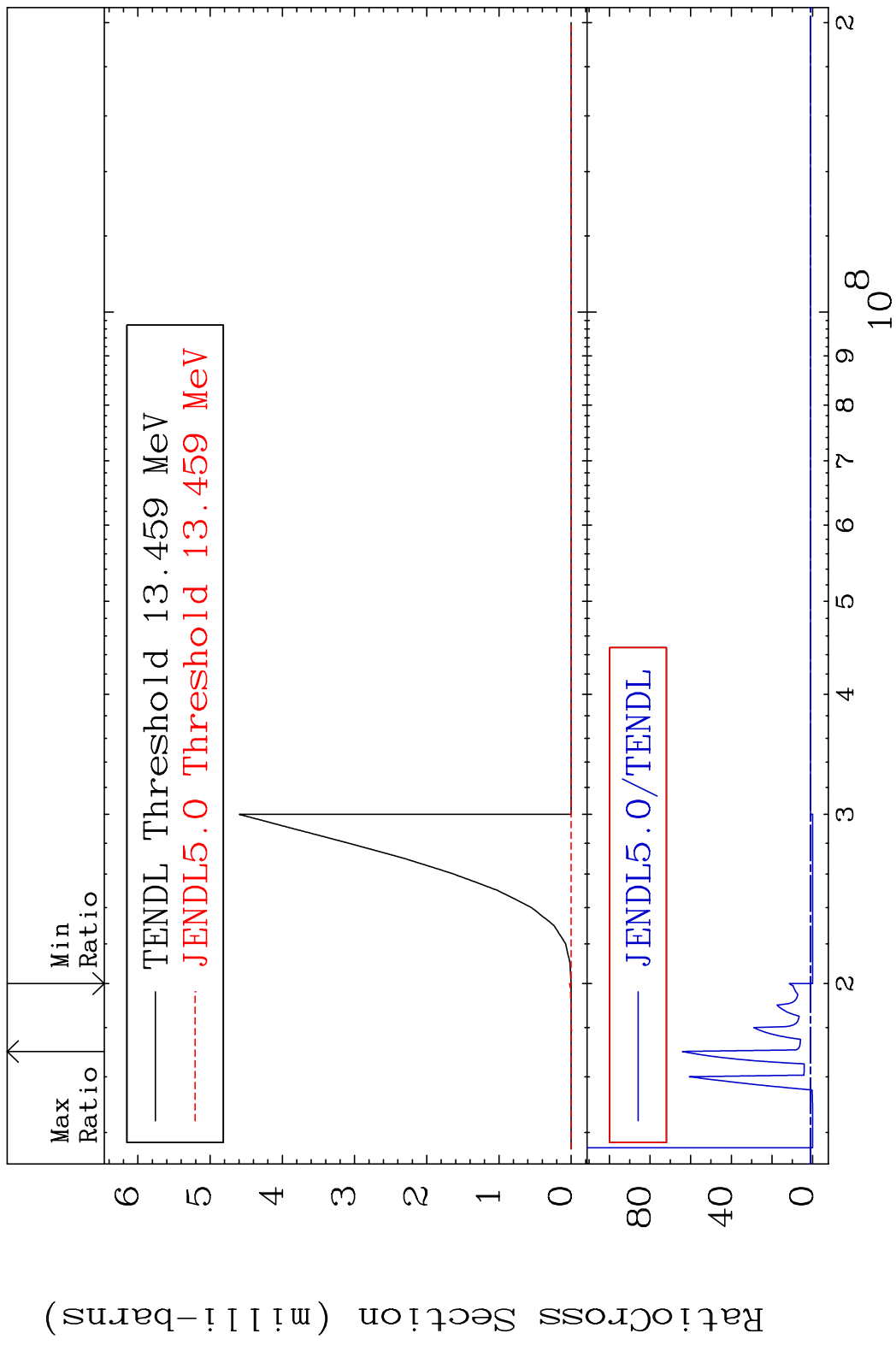
Incident Energy (eV)

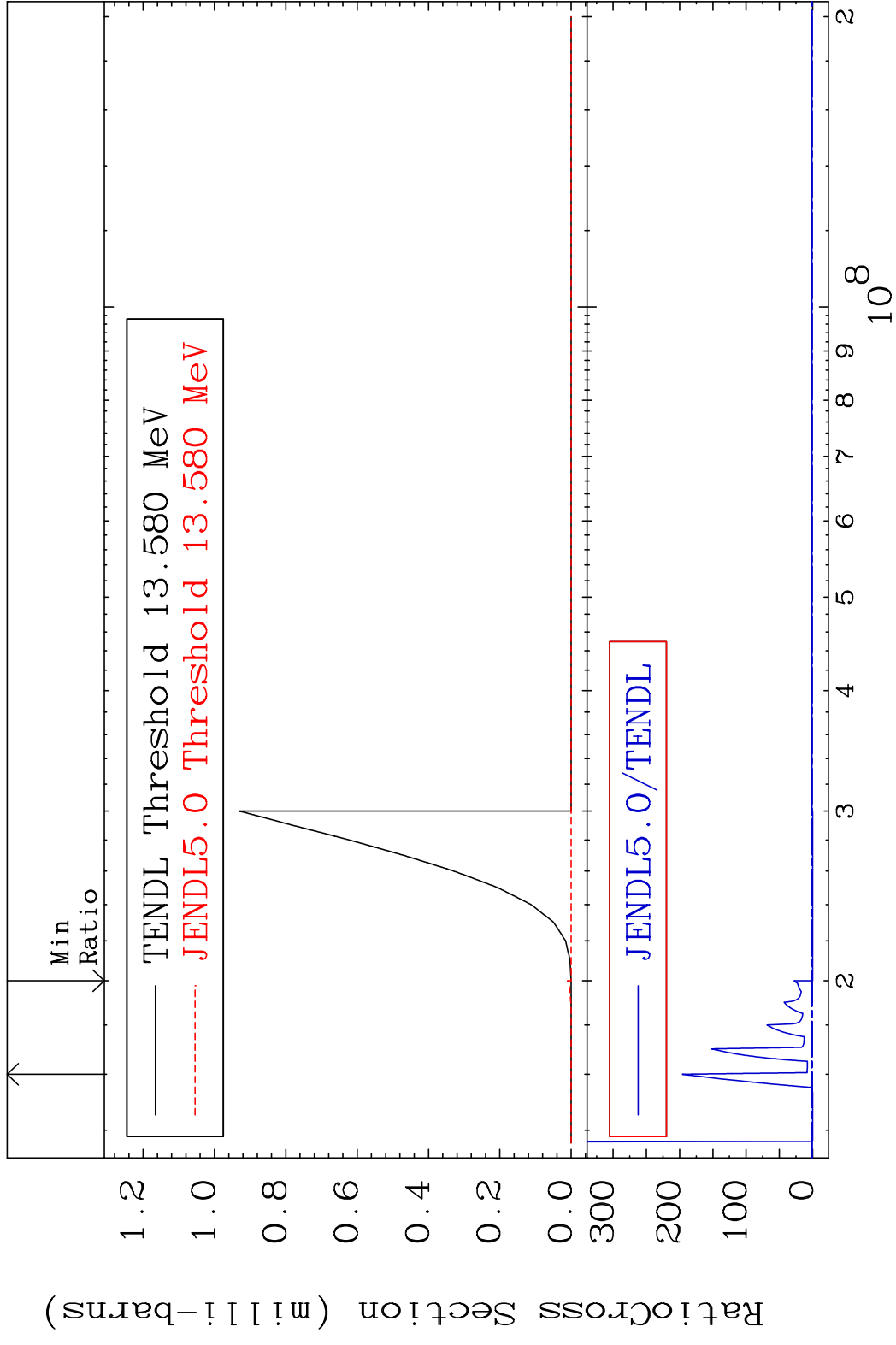
68-Er-172

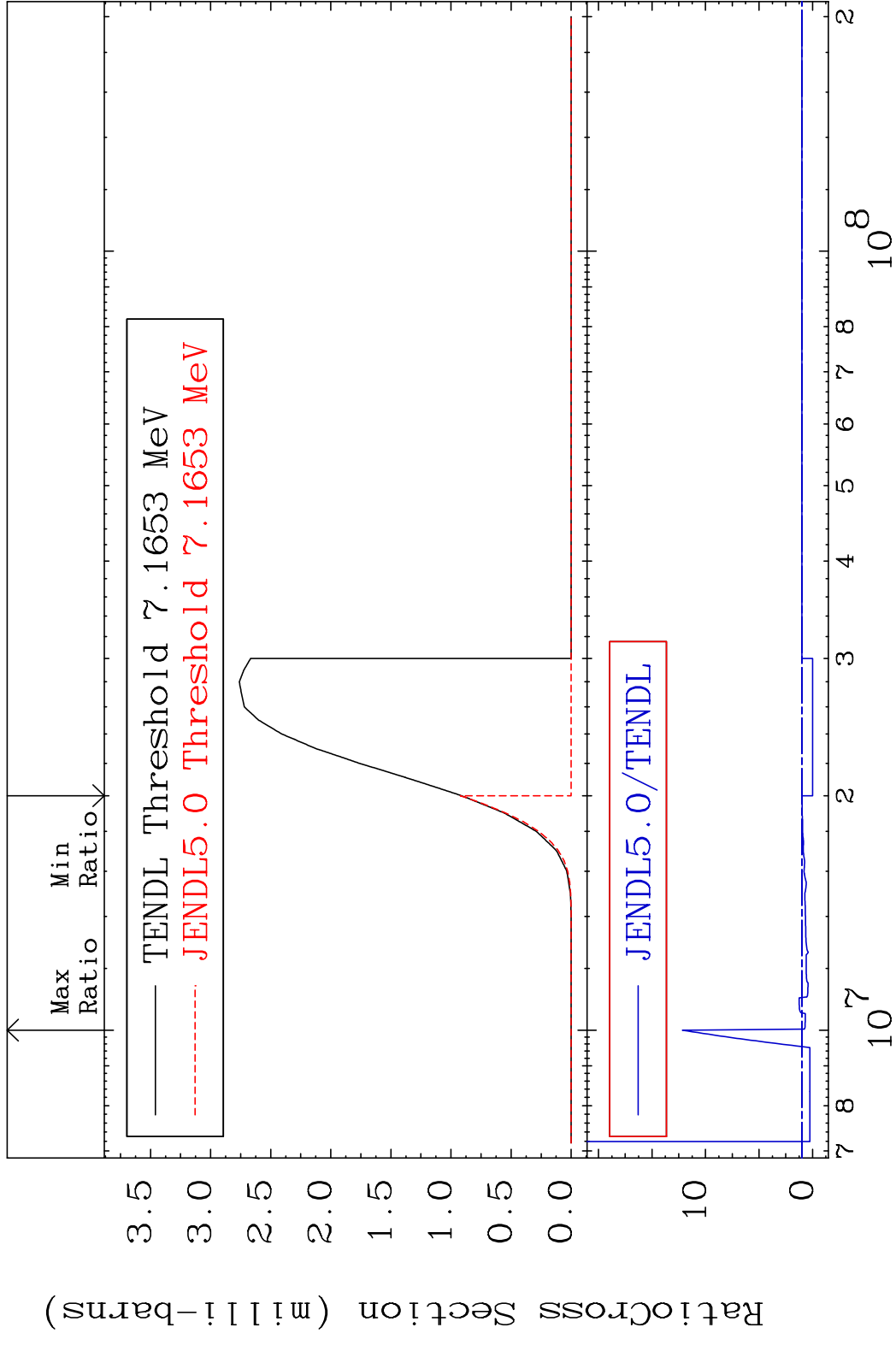
MAT 6855 Dpa disappearance (mt102 -120) 68-Er-172
 Cross Section -100.0 To 1162. %



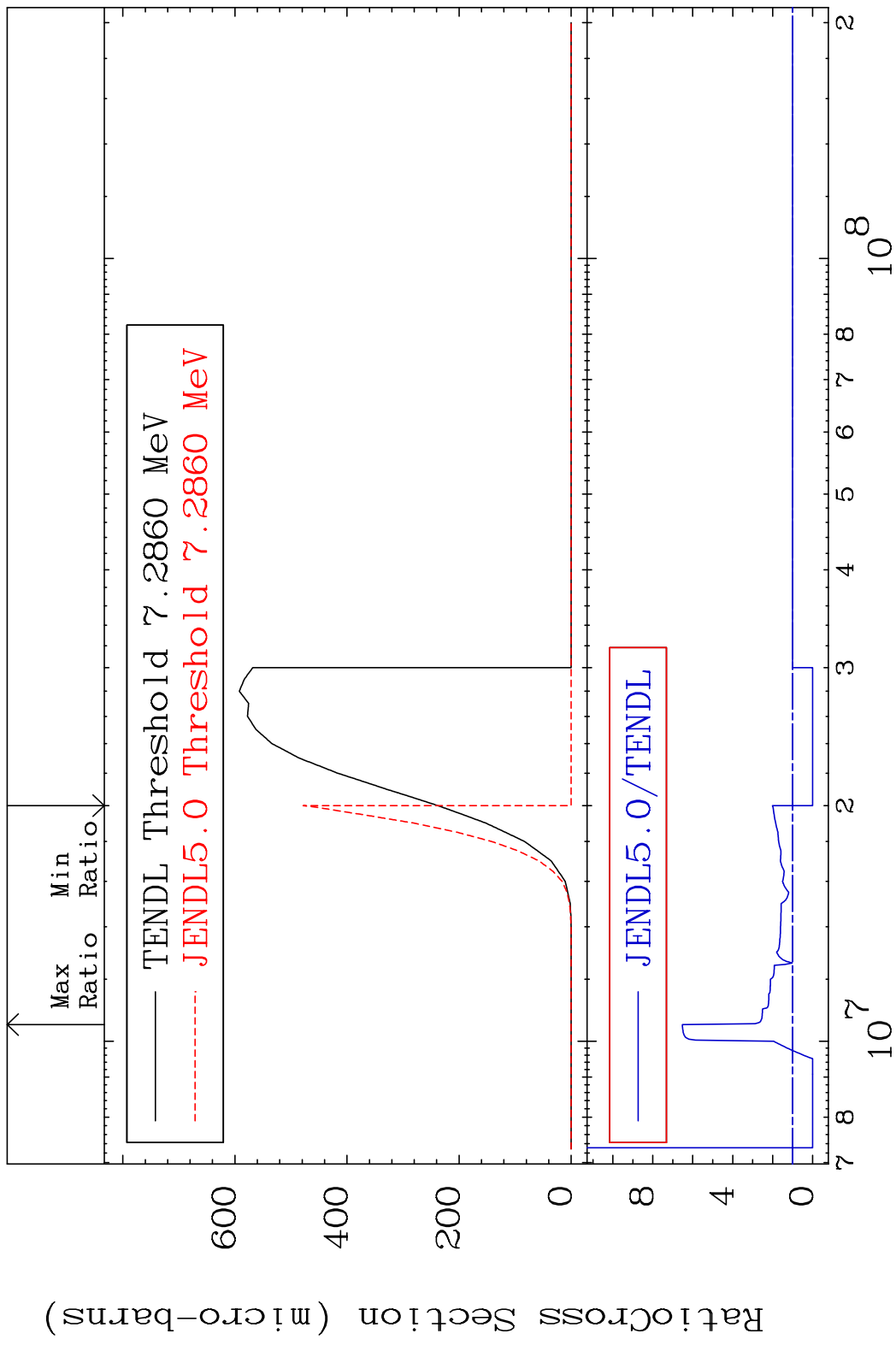
46 Incident Energy (eV) 68-Er-172







MAT 6855 (n, t): 67-Ho-170m1 68-Er-172
 Radionuclide Production Cross Section 552.1 %



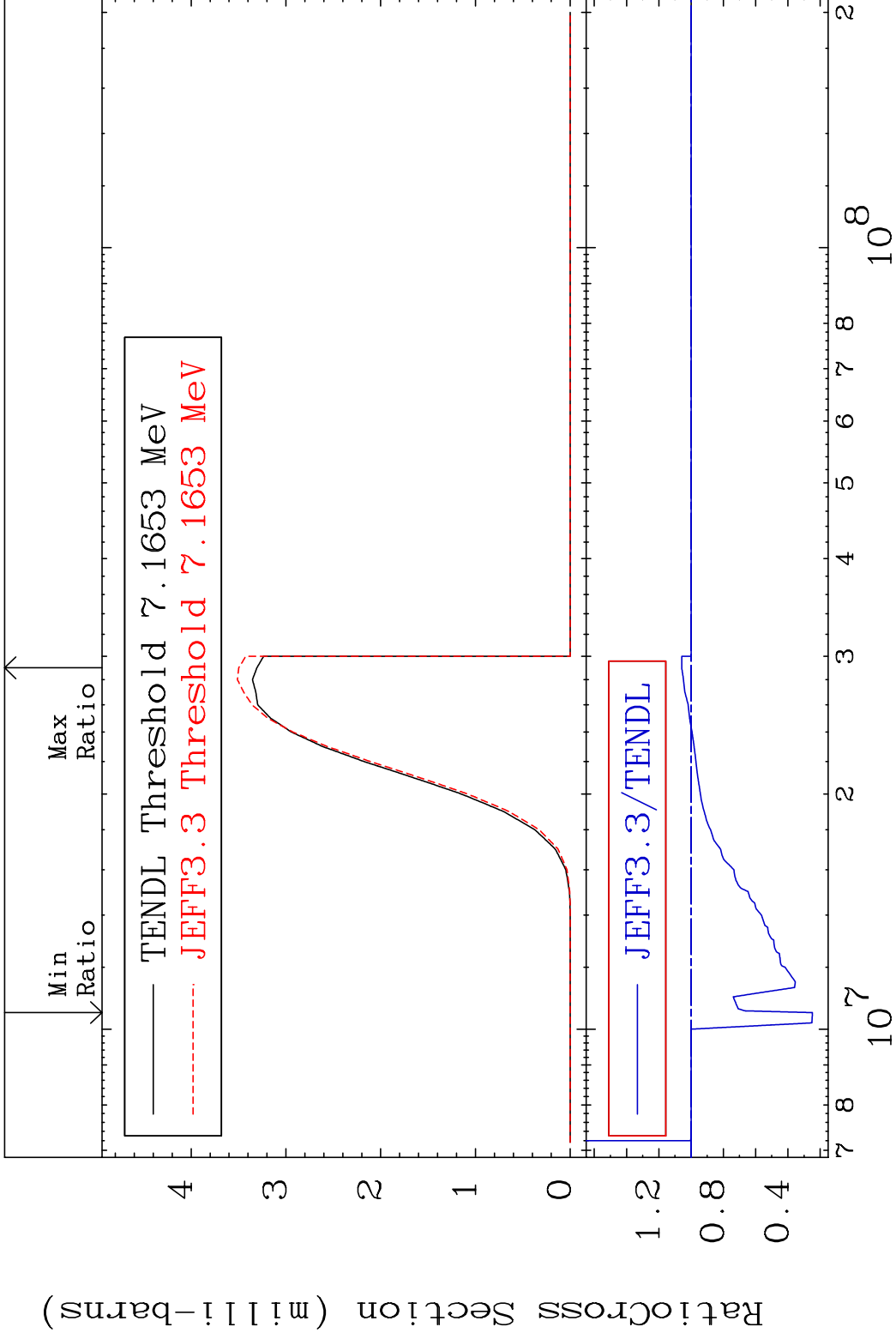
50 Incident Energy (eV) 68-Er-172

MAT 6855

(n, t)

68-Er-172

Cross Section -75.14 To 5.792 %



51

Incident Energy (eV)

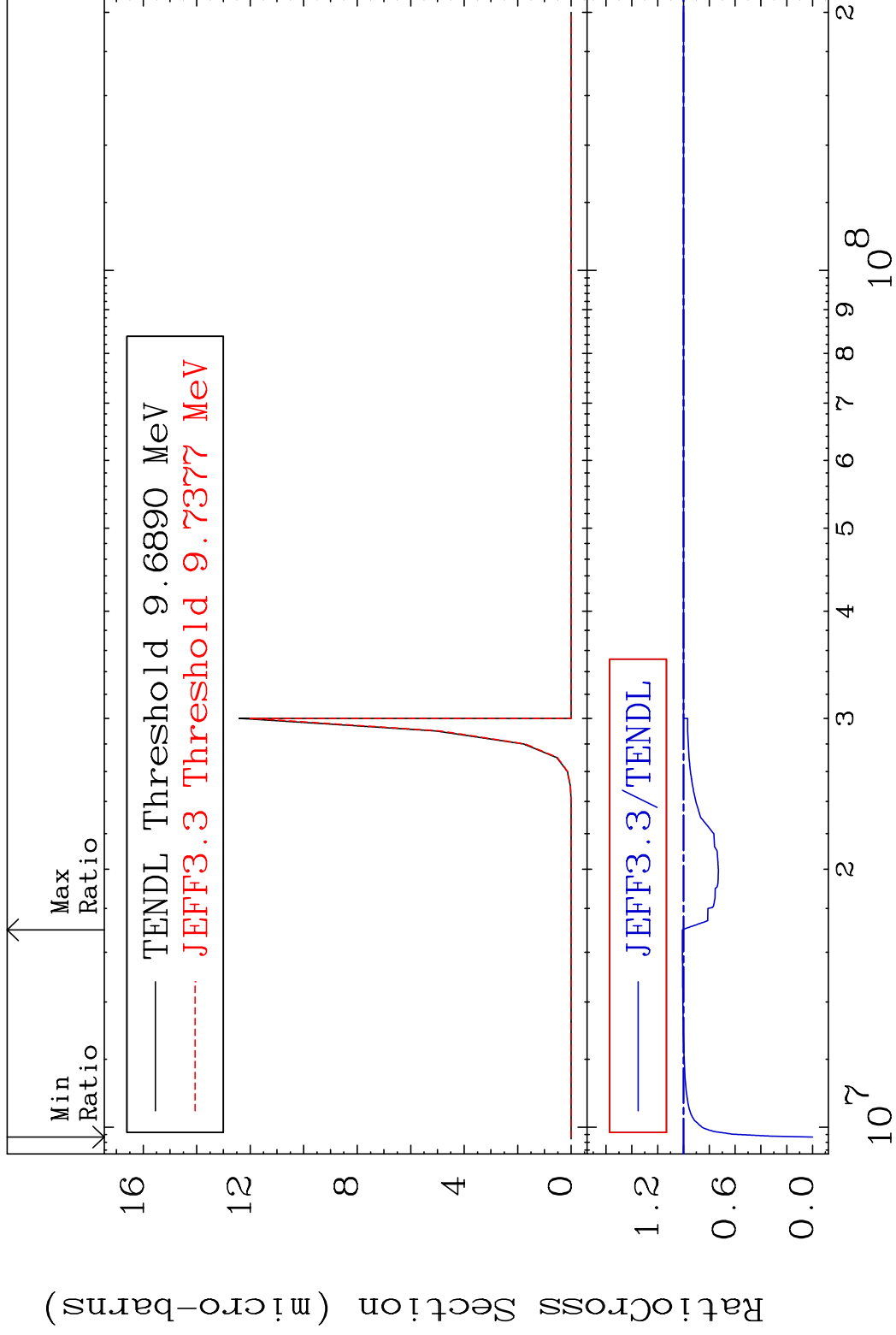
68-Er-172

MAT 6855

(n, He-3)

68-Er-172

Cross Section -100.0 To 0.874 %



52

Incident Energy (eV)

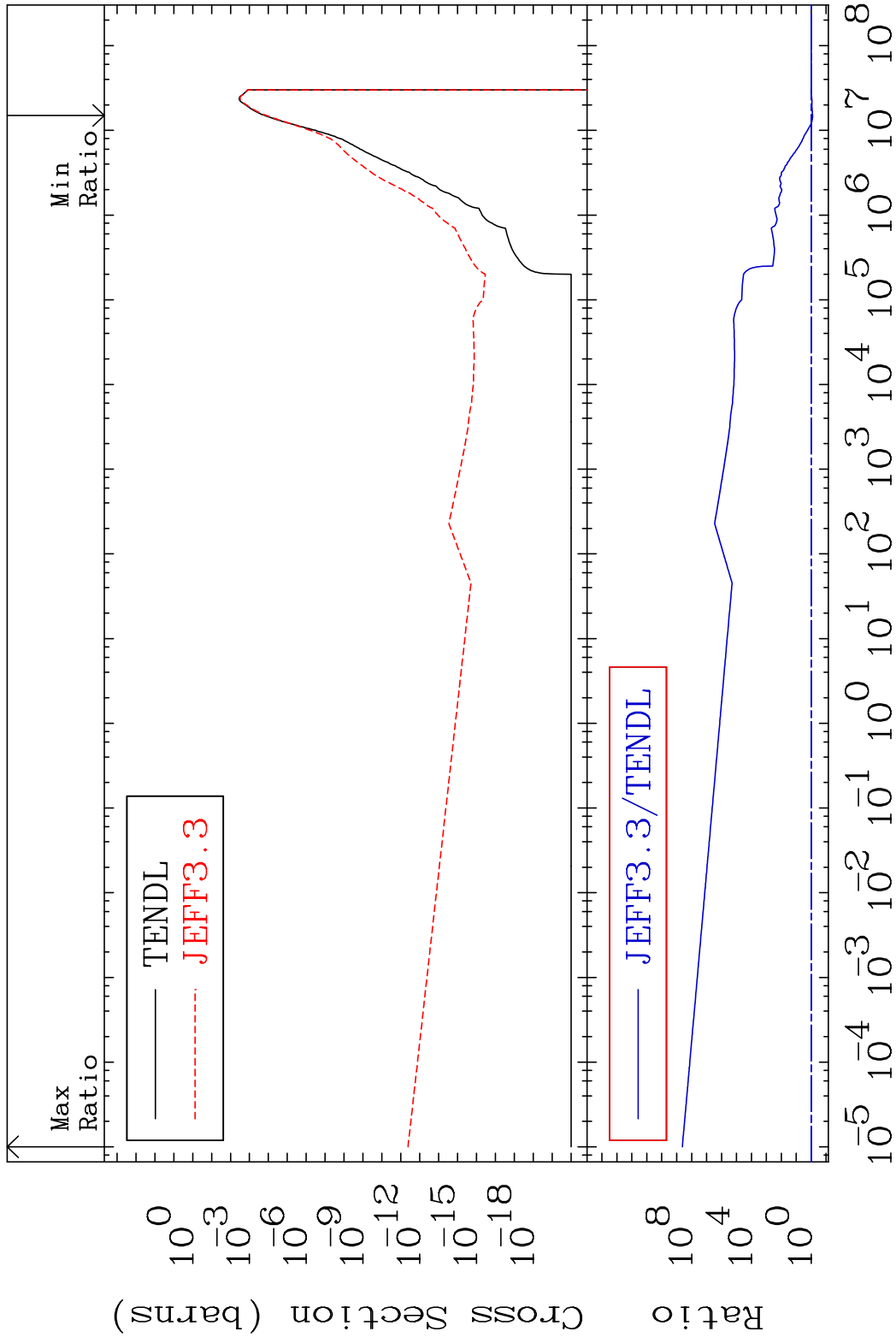
68-Er-172

MAT 6855

(n, α)

68-Er-172

Cross Section -18.91 To 9999. %



53

Incident Energy (eV)

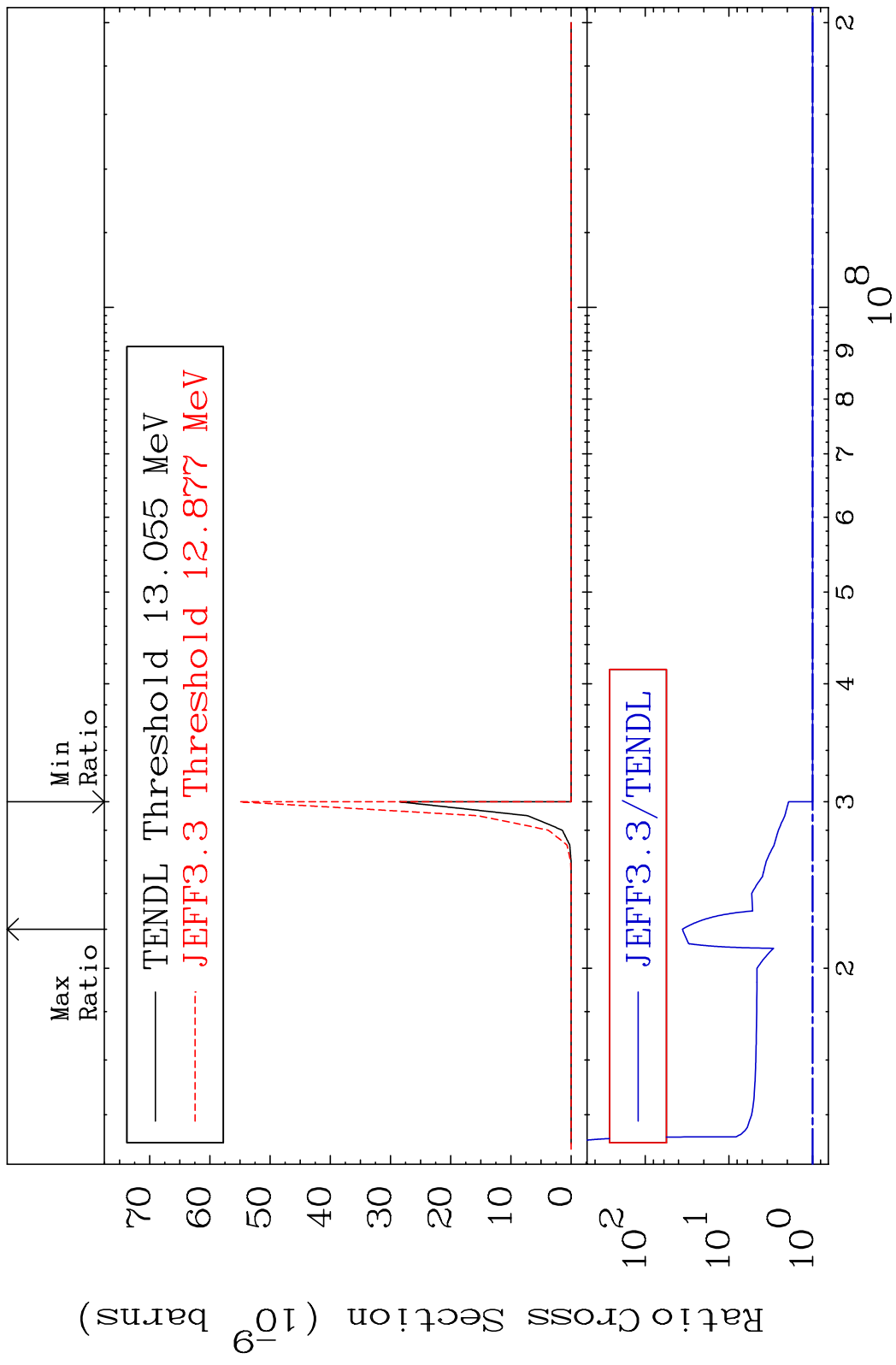
68-Er-172

MAT 6855

(n,2p)

68-Er-172

Cross Section 0.000 To 3505. %

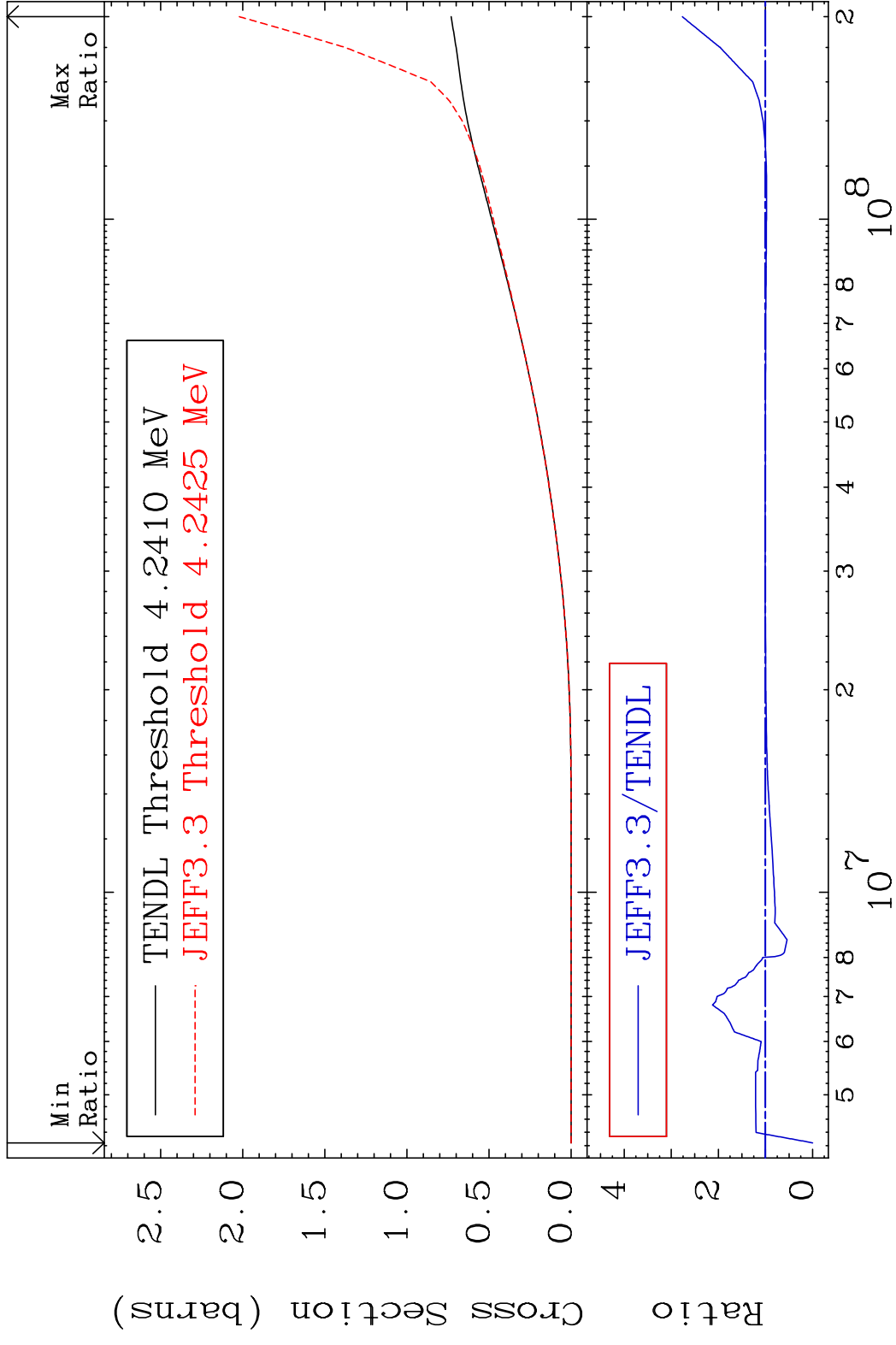


MAT 6855

Hydrogen Production

68-Er-172

Cross Section -100.0 To 176.4 %

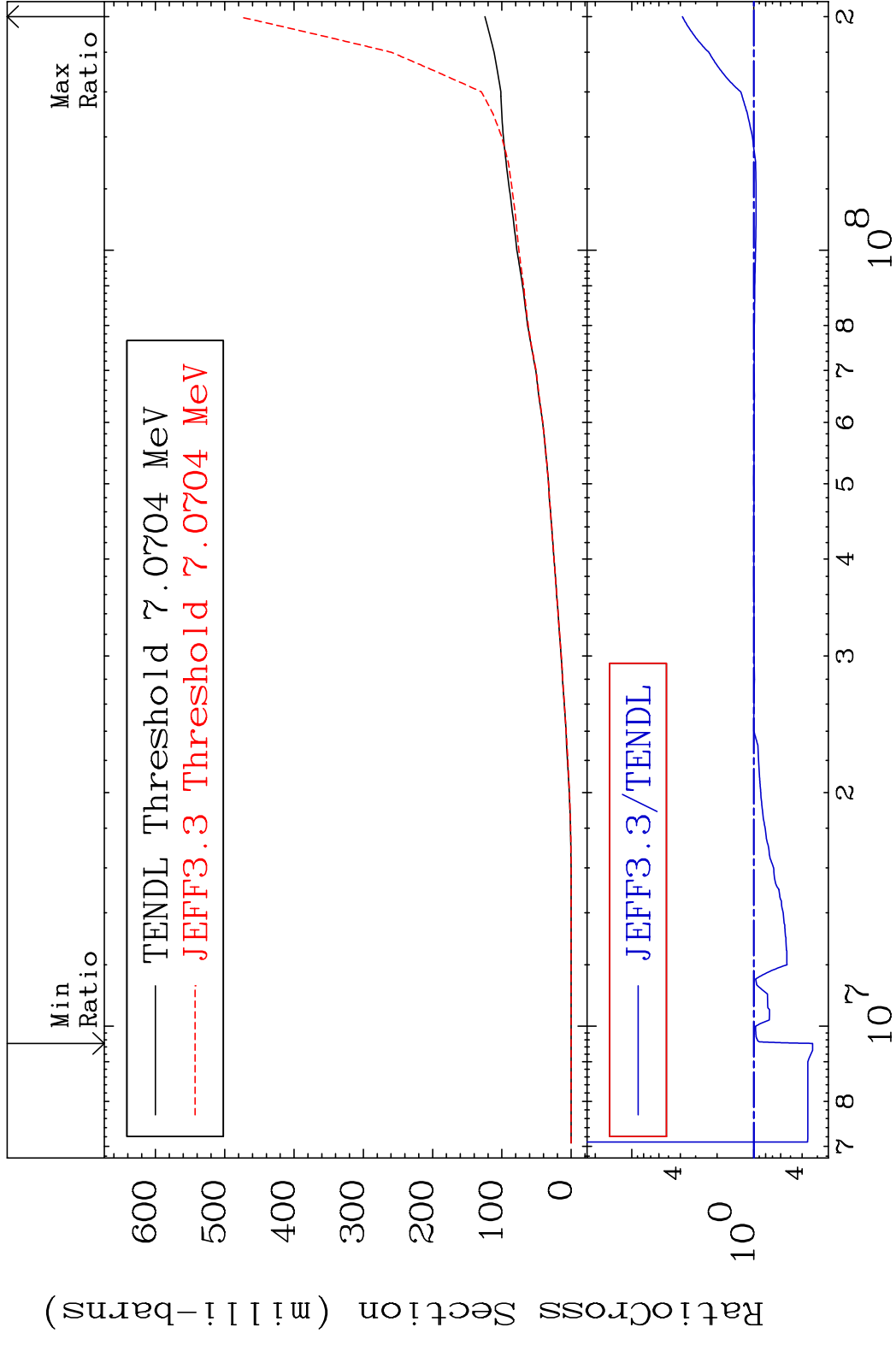


MAT 6855

Deuterium Production

68-Er-172

Cross Section -67.11 To 285.1 %



56

Incident Energy (eV)

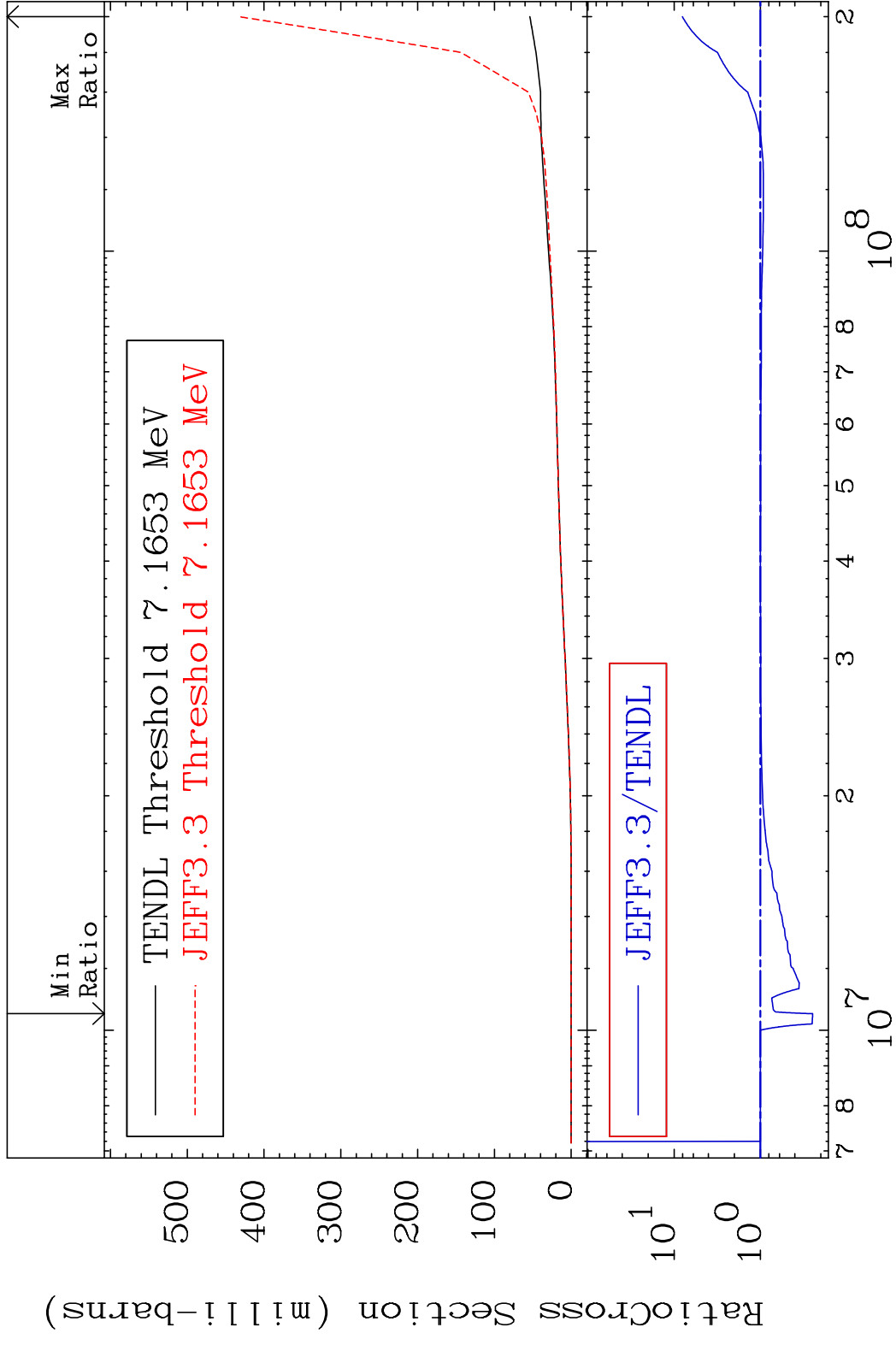
68-Er-172

MAT 6855

Tritium Production

68-Er-172

Cross Section -75.14 To 703.2 %

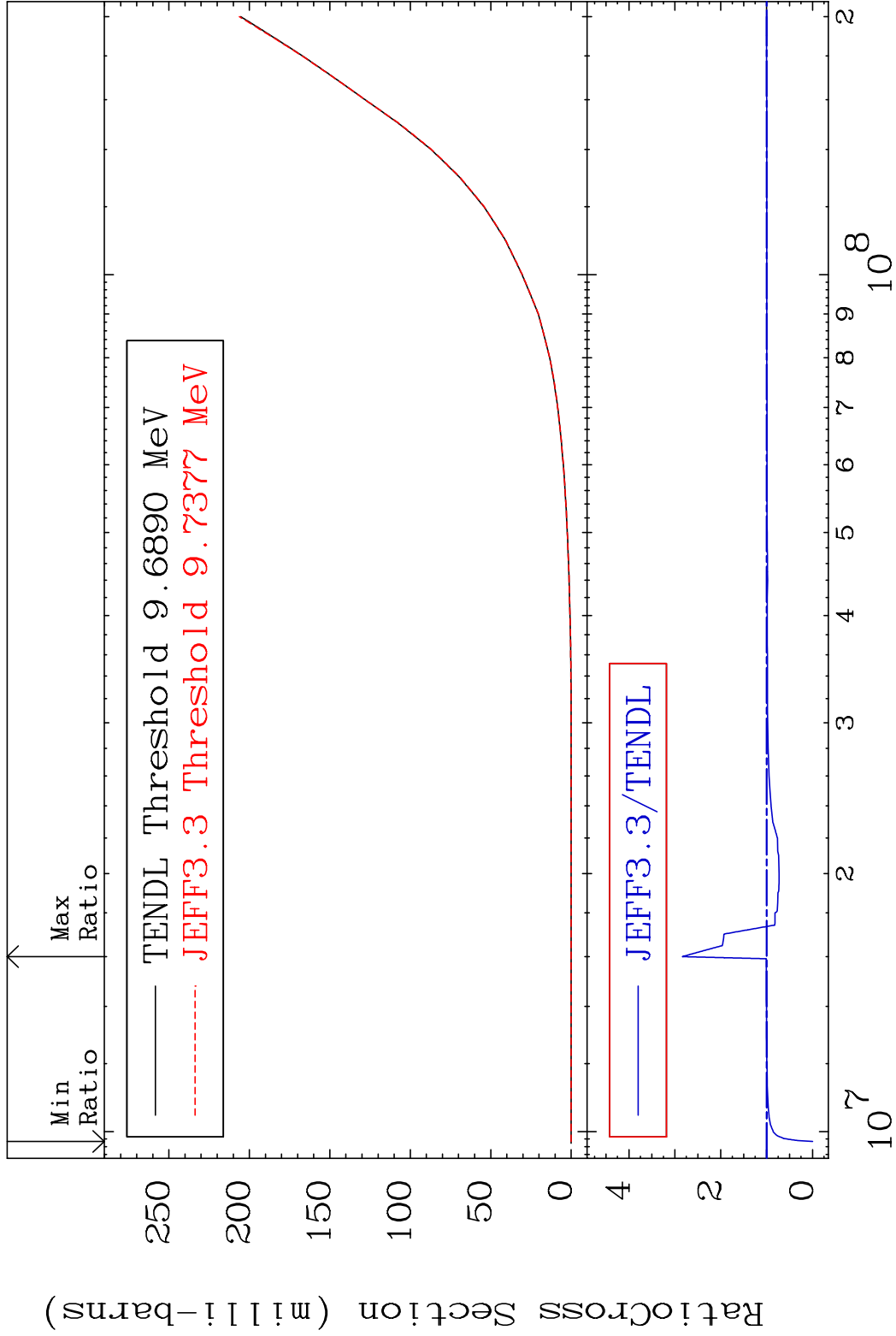


MAT 6855

He-3 Production

68-Er-172

Cross Section -100.0 To 183.6 %



58

Incident Energy (eV)

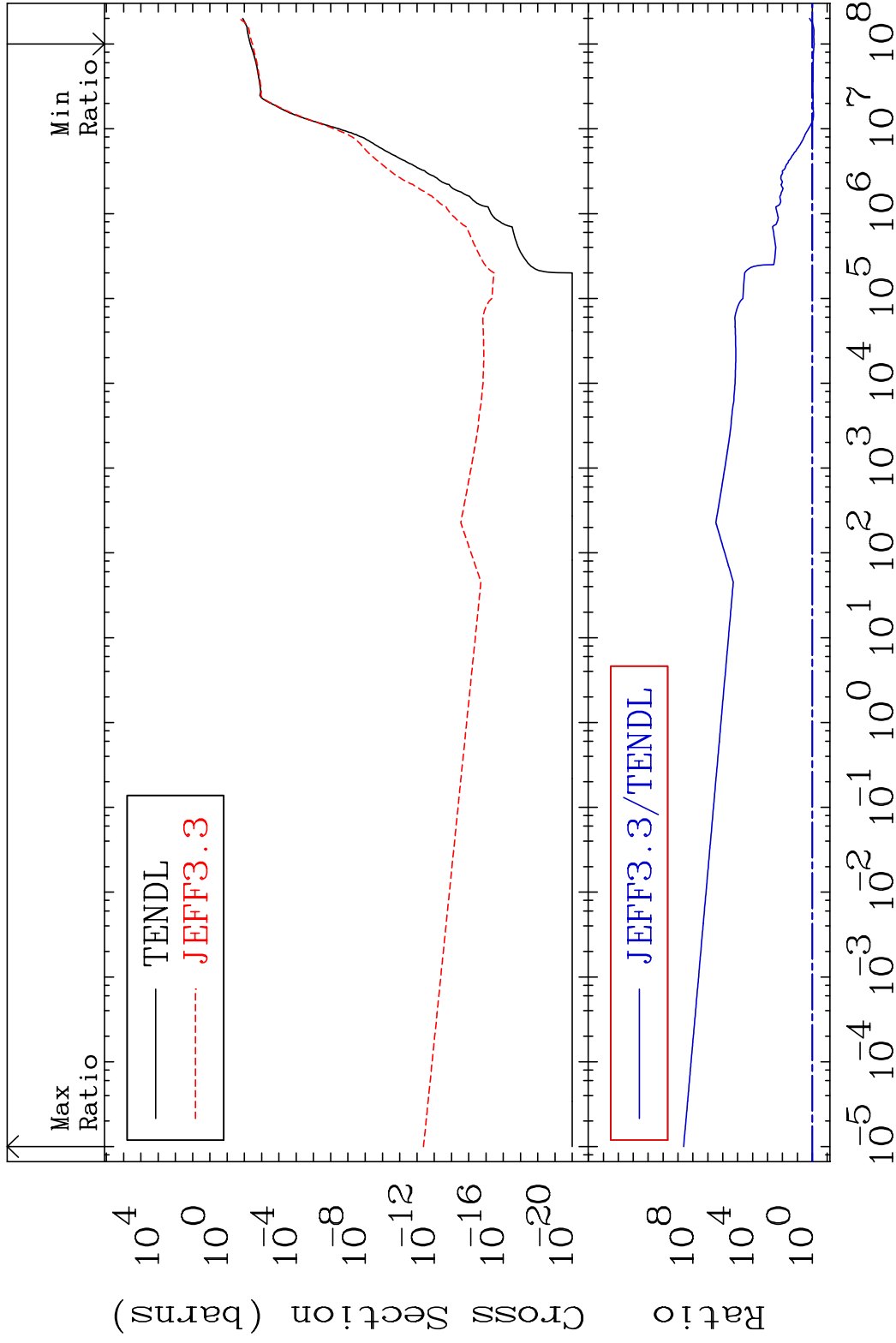
68-Er-172

MAT 6855

He-4 Production

68-Er-172

Cross Section -24.50 To 9999. %

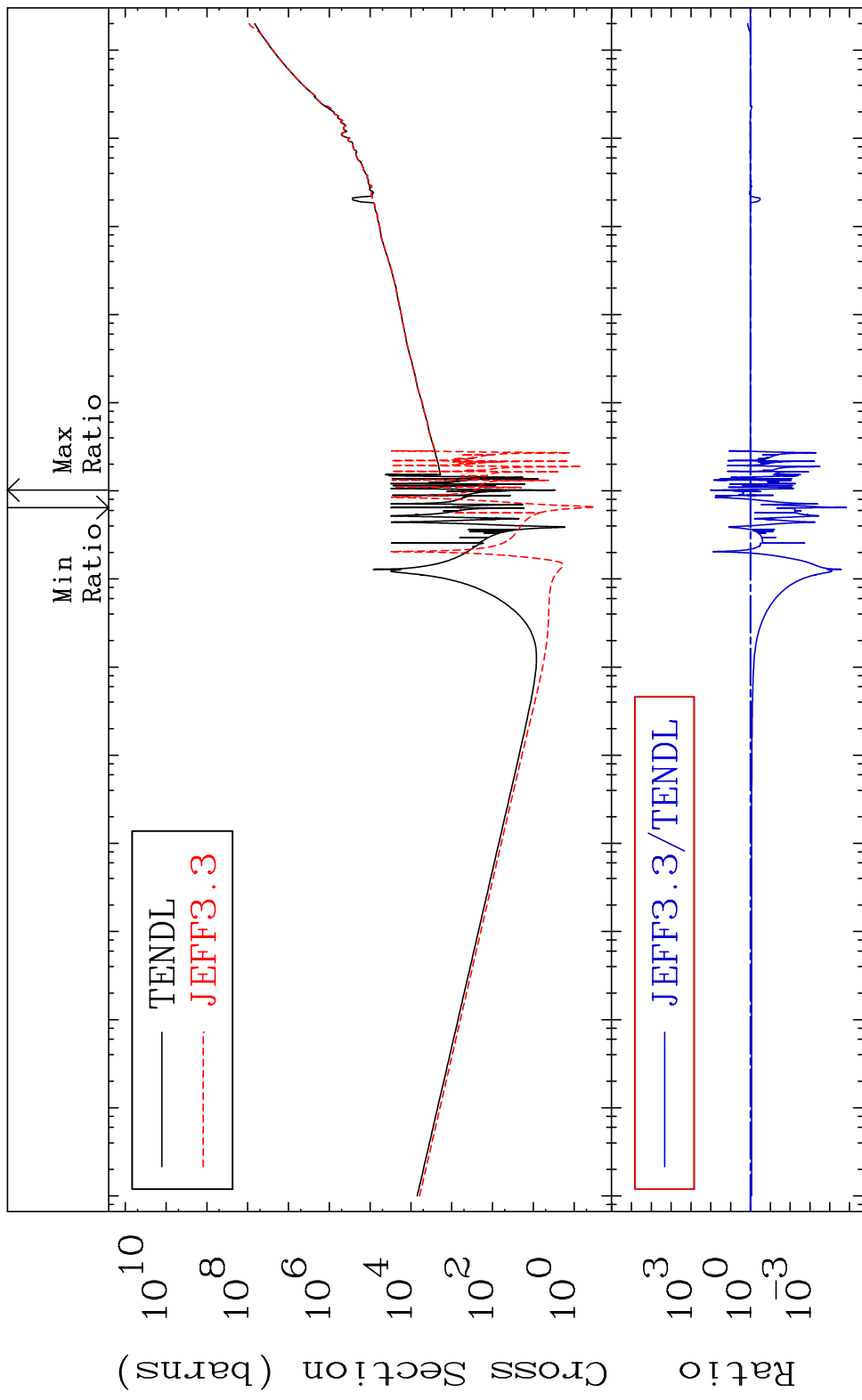


59

Incident Energy (eV)

68-Er-172

MAT 6855 Kerma total (eV-barns) 68-Er-172
 Cross Section -100.0 To 9995. %



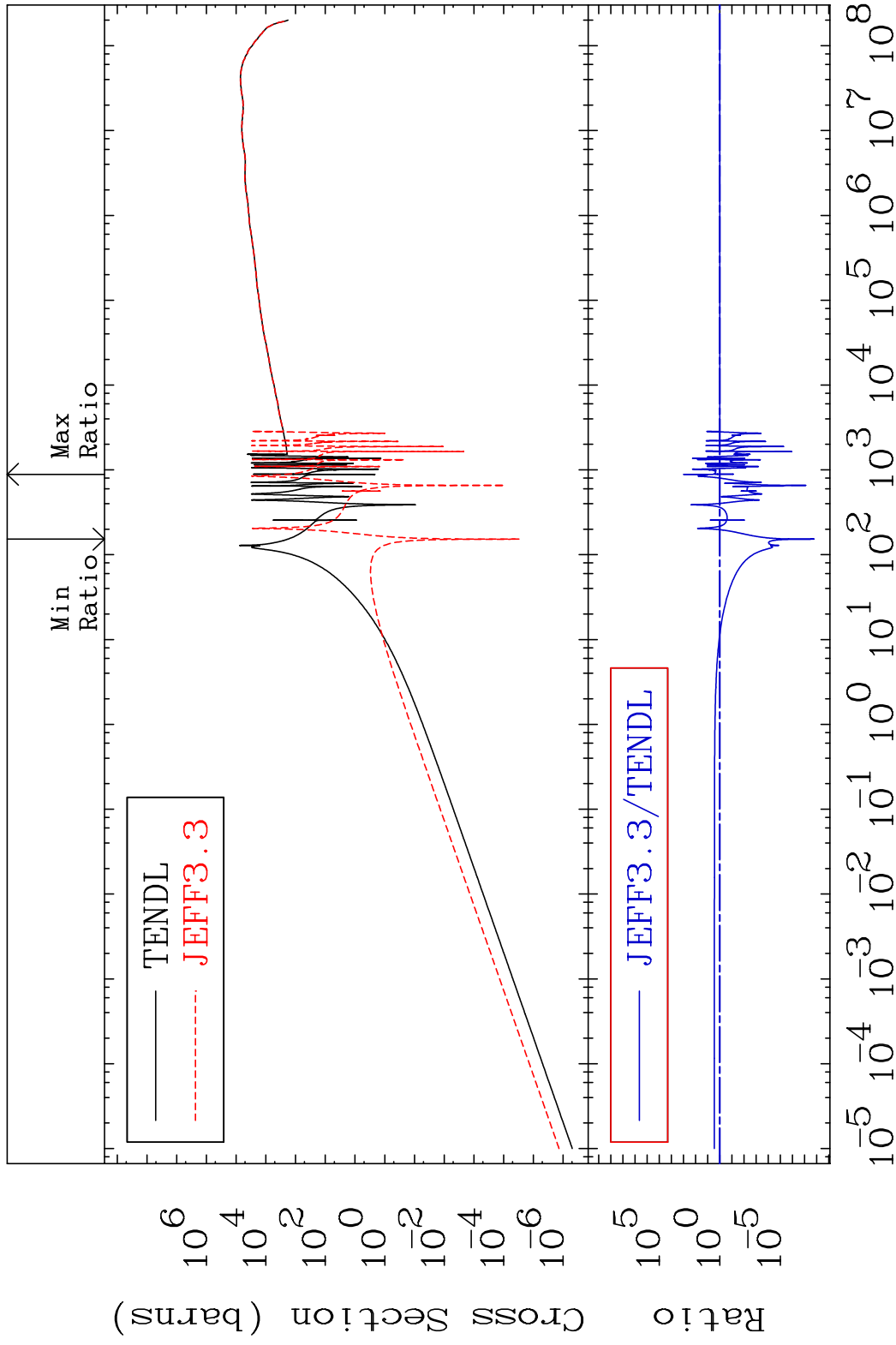
60 Incident Energy (eV) 68-Er-172

MAT 6855

Kerma elastic

68-Er-172

Cross Section -100.0 To 9999. %

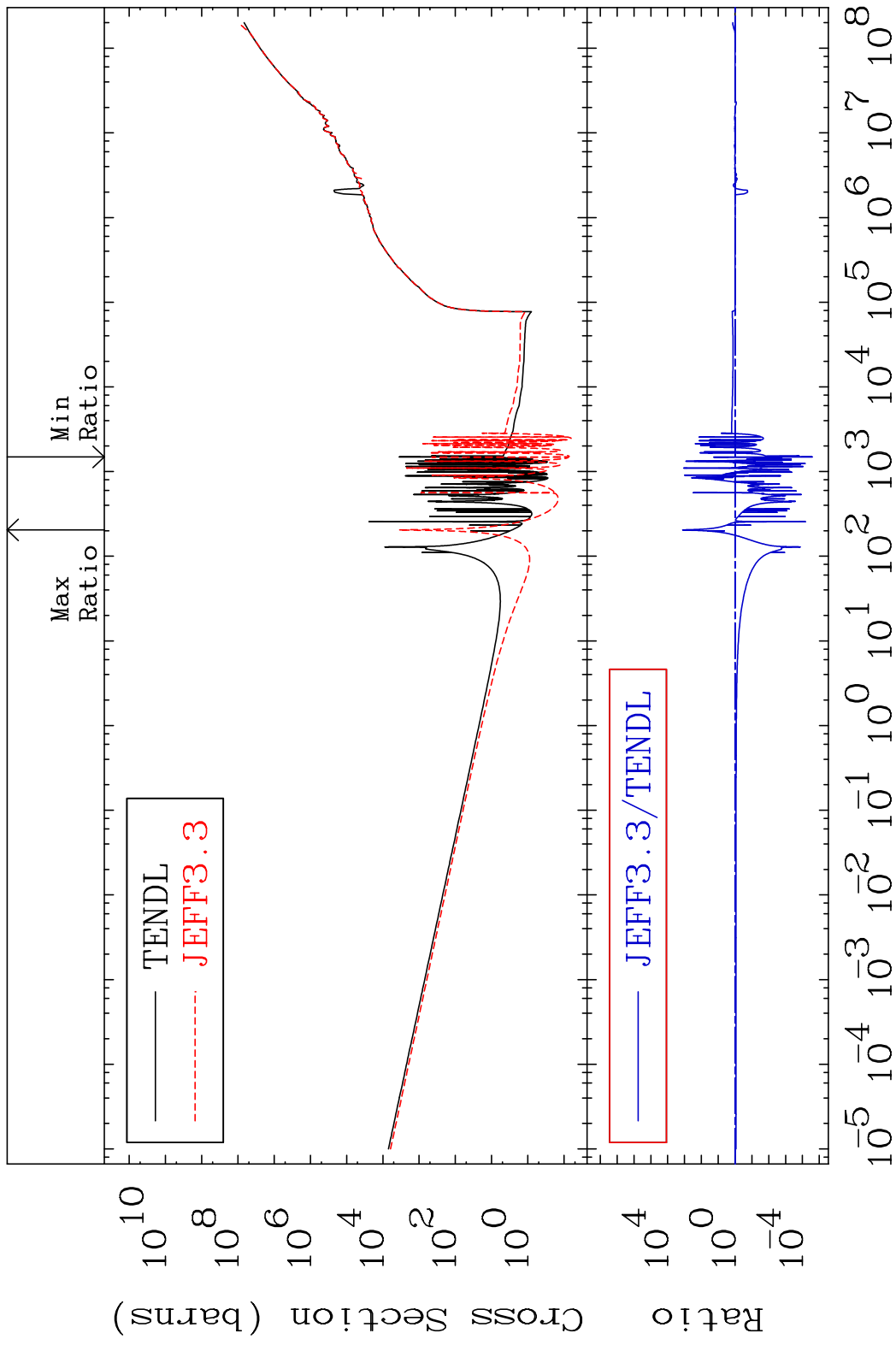


61

Incident Energy (eV)

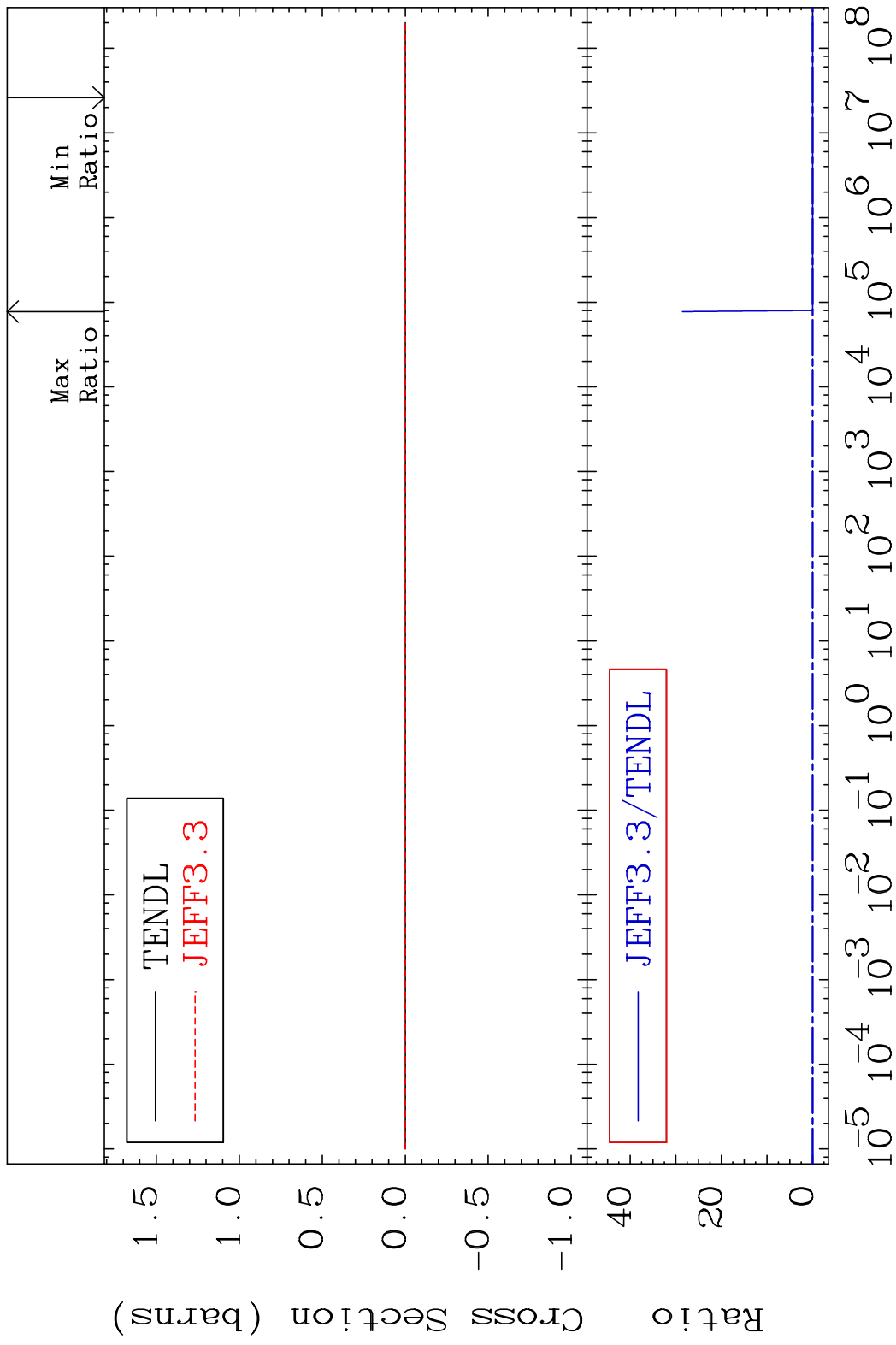
68-Er-172

MAT 6855 Kerma non-elastic (all but mt2) 68-Er-172
 Cross Section -100.0 To 9999. %

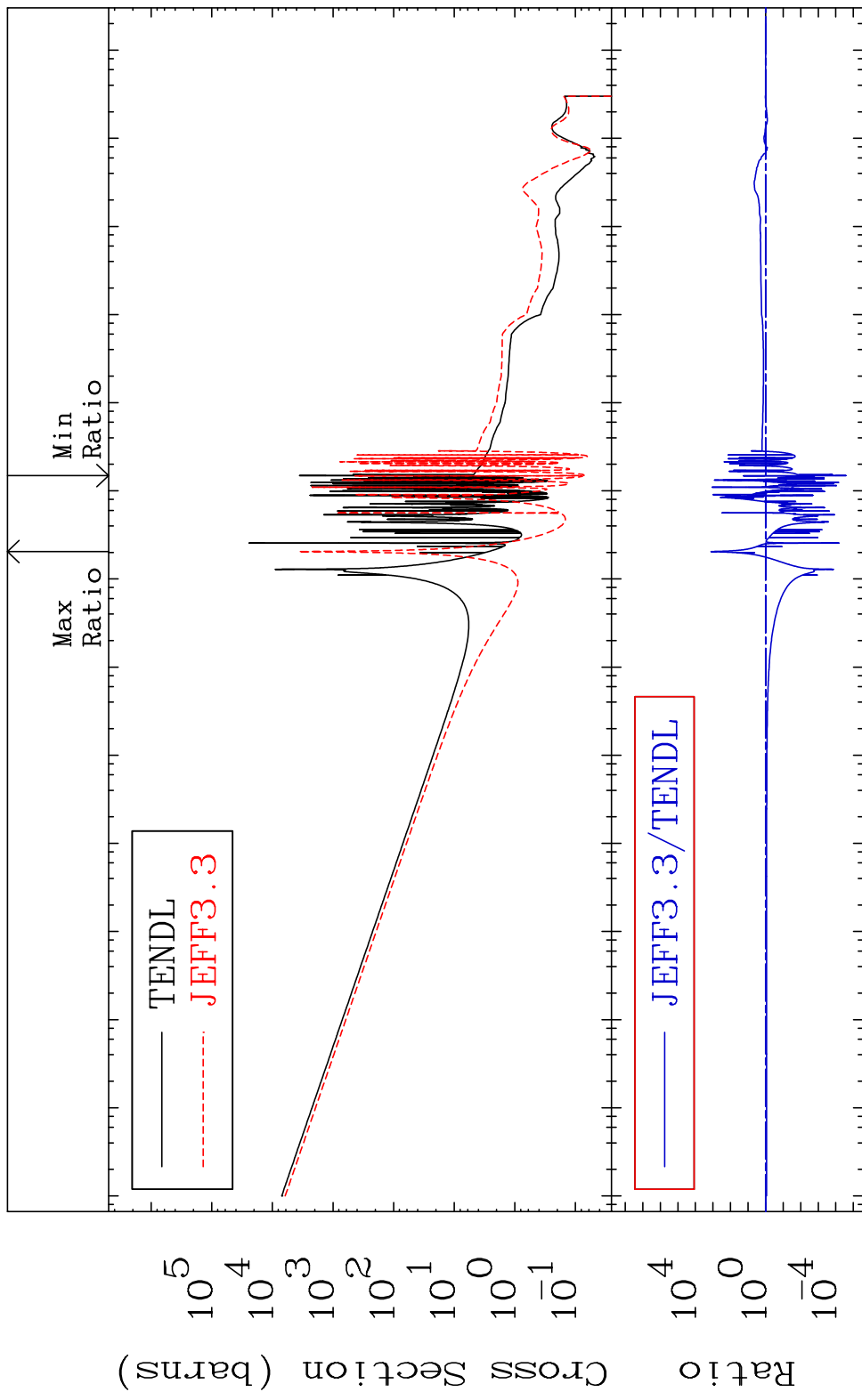


62 Incident Energy (eV) 68-Er-172

MAT 6855 Kerma fission (mt18 or mt19-20-21-38) 68-Er-172
 Cross Section -532.0 To 9999. %

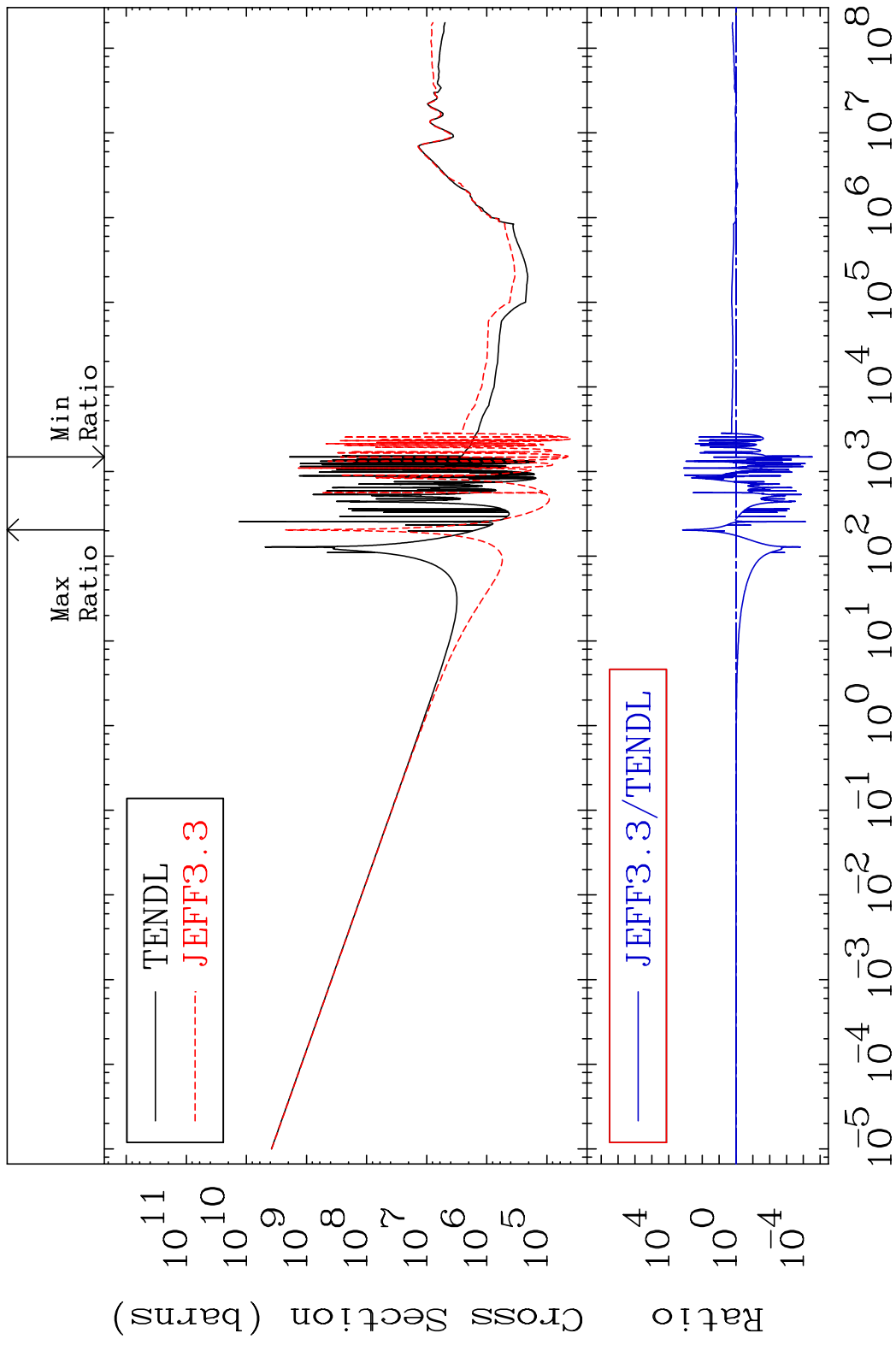


MAT 6855 Kerma capture (mt102) 68-Er-172
 Cross Section -100.0 To 9999. %



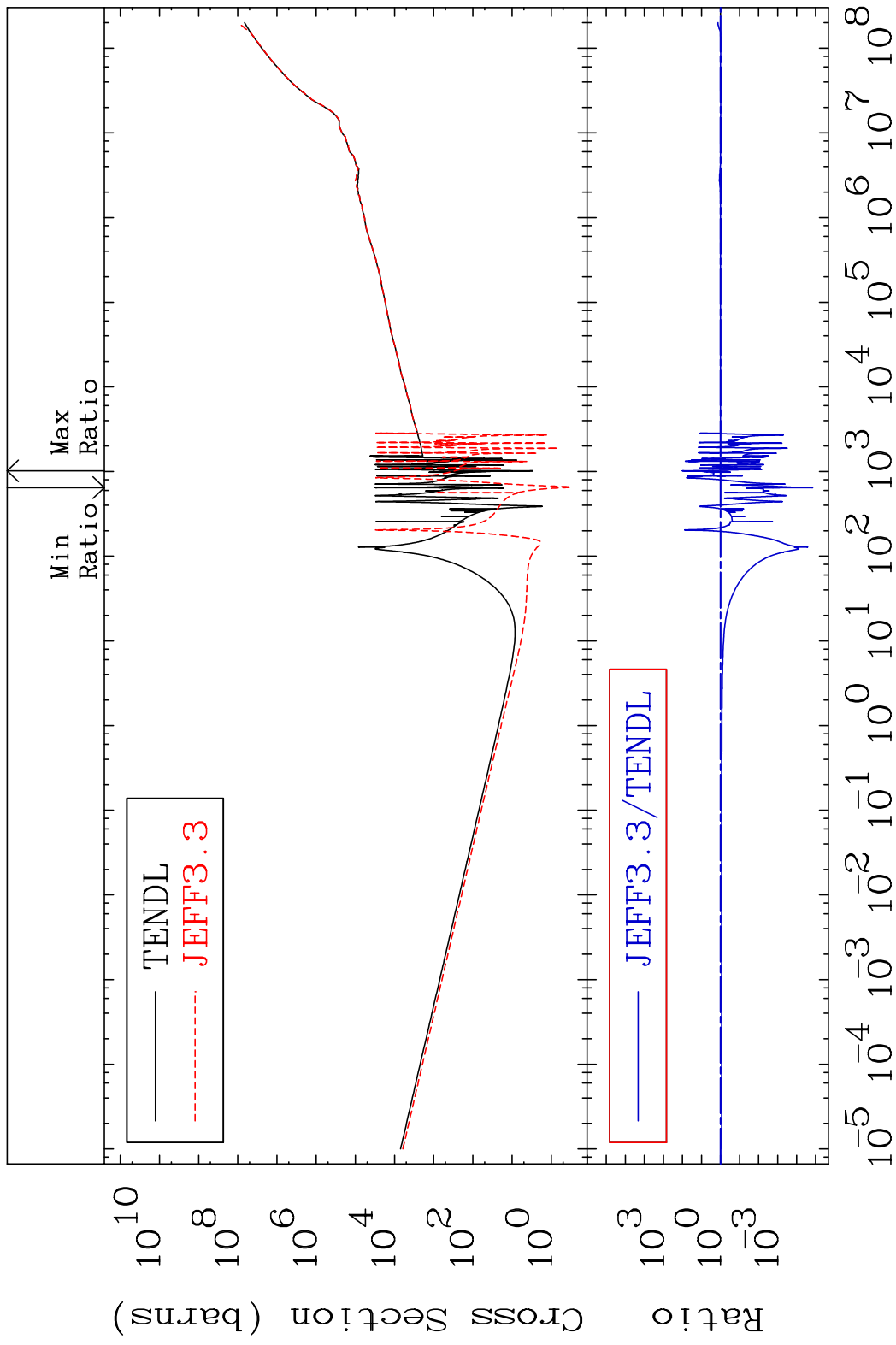
65 Incident Energy (eV) 68-Er-172

MAT 6855 Total photon (eV-barns) 68-Er-172
 Cross Section -100.0 To 9999. %

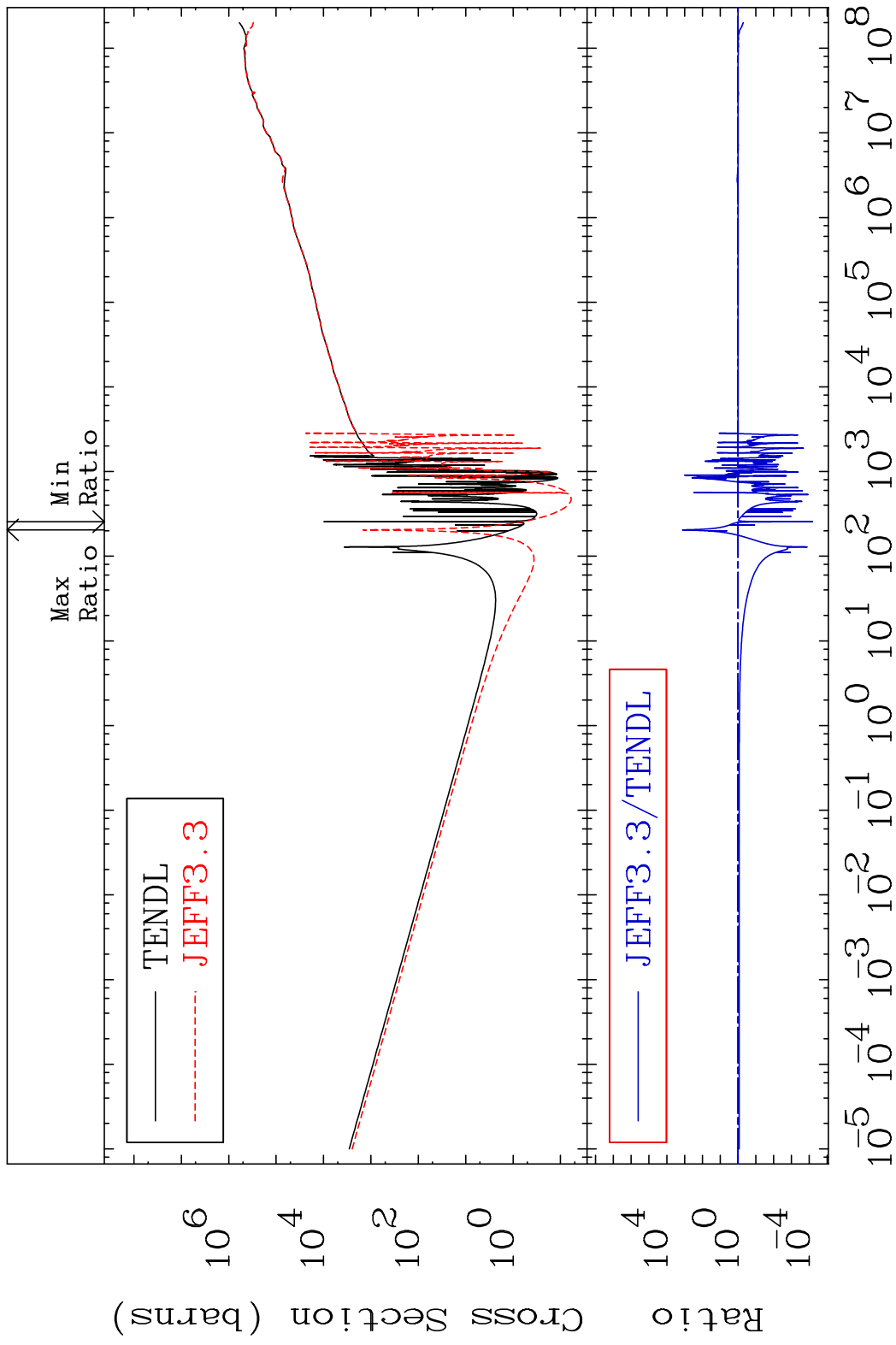


66 Incident Energy (eV) 68-Er-172

MAT 6855 Total kinematic kerma (high limit) 68-Er-172
 Cross Section -100.0 To 9995. %



MAT 6855 Dpa total (eV-barns) 68-Er-172
 Cross Section -99.99 To 9999. %



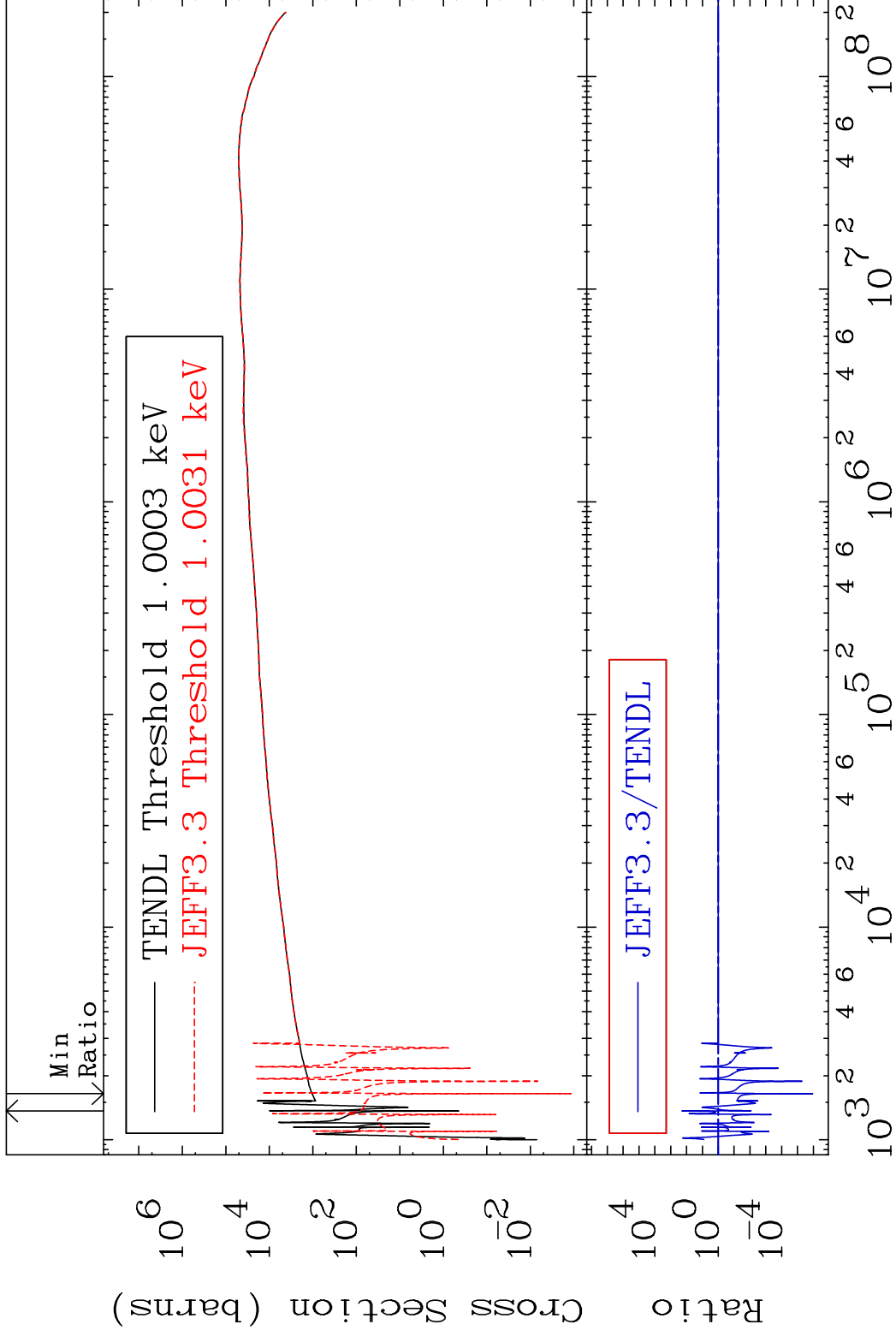
68 Incident Energy (eV) 68-Er-172

MAT 6855

Dpa elastic (mt2)

68-Er-172

Cross Section -100.0 To 9999. %

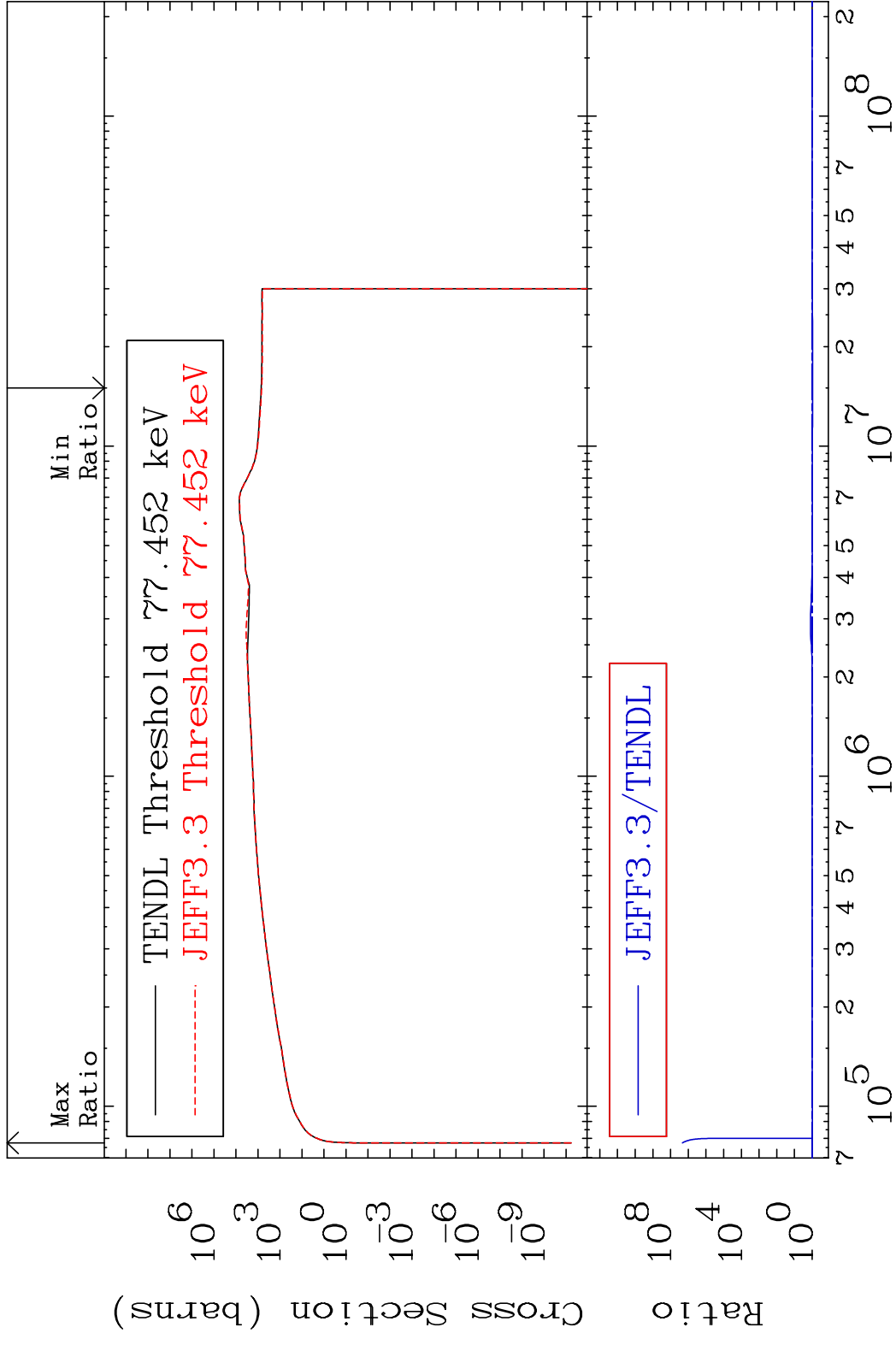


69

Incident Energy (eV)

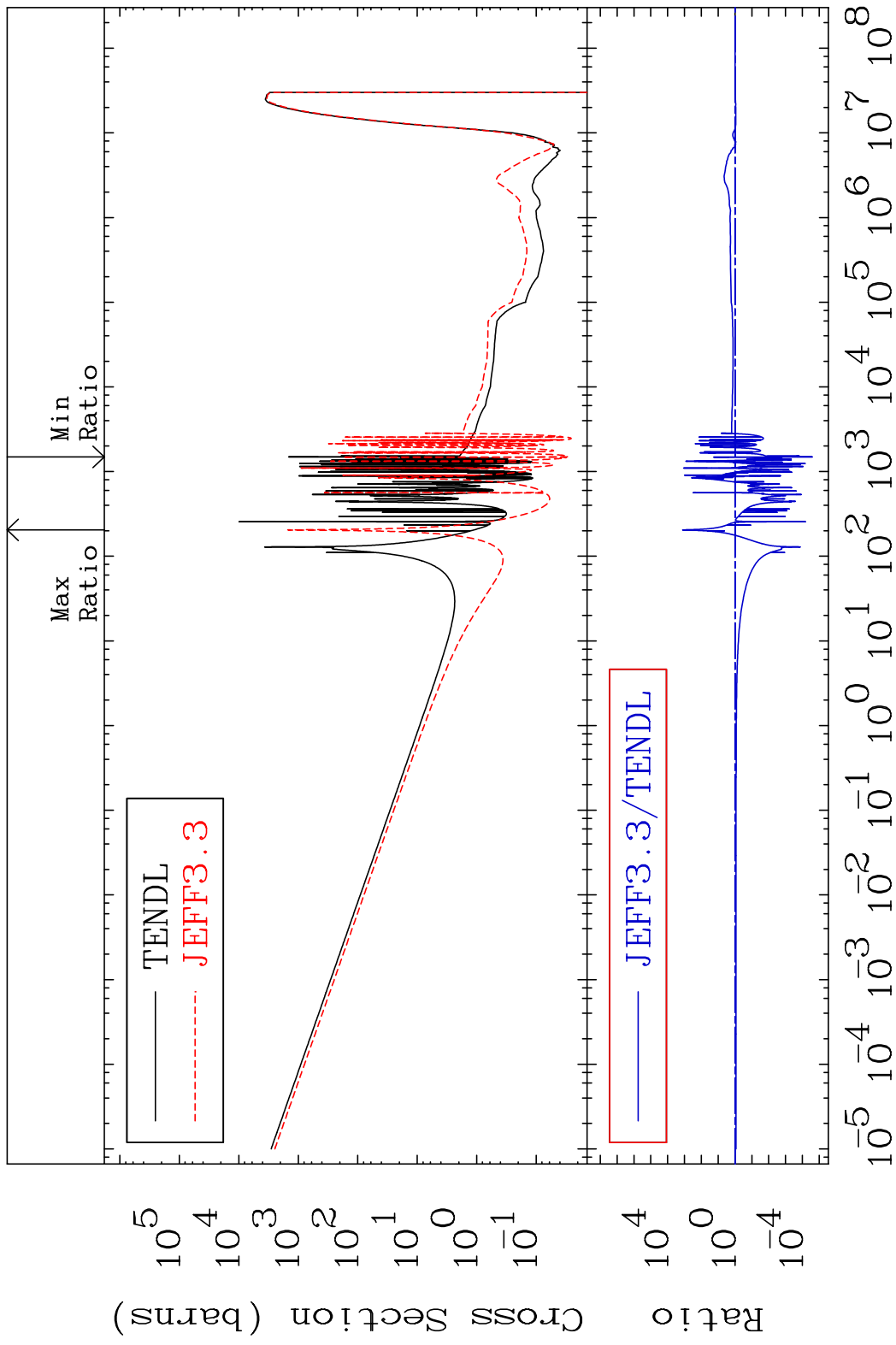
68-Er-172

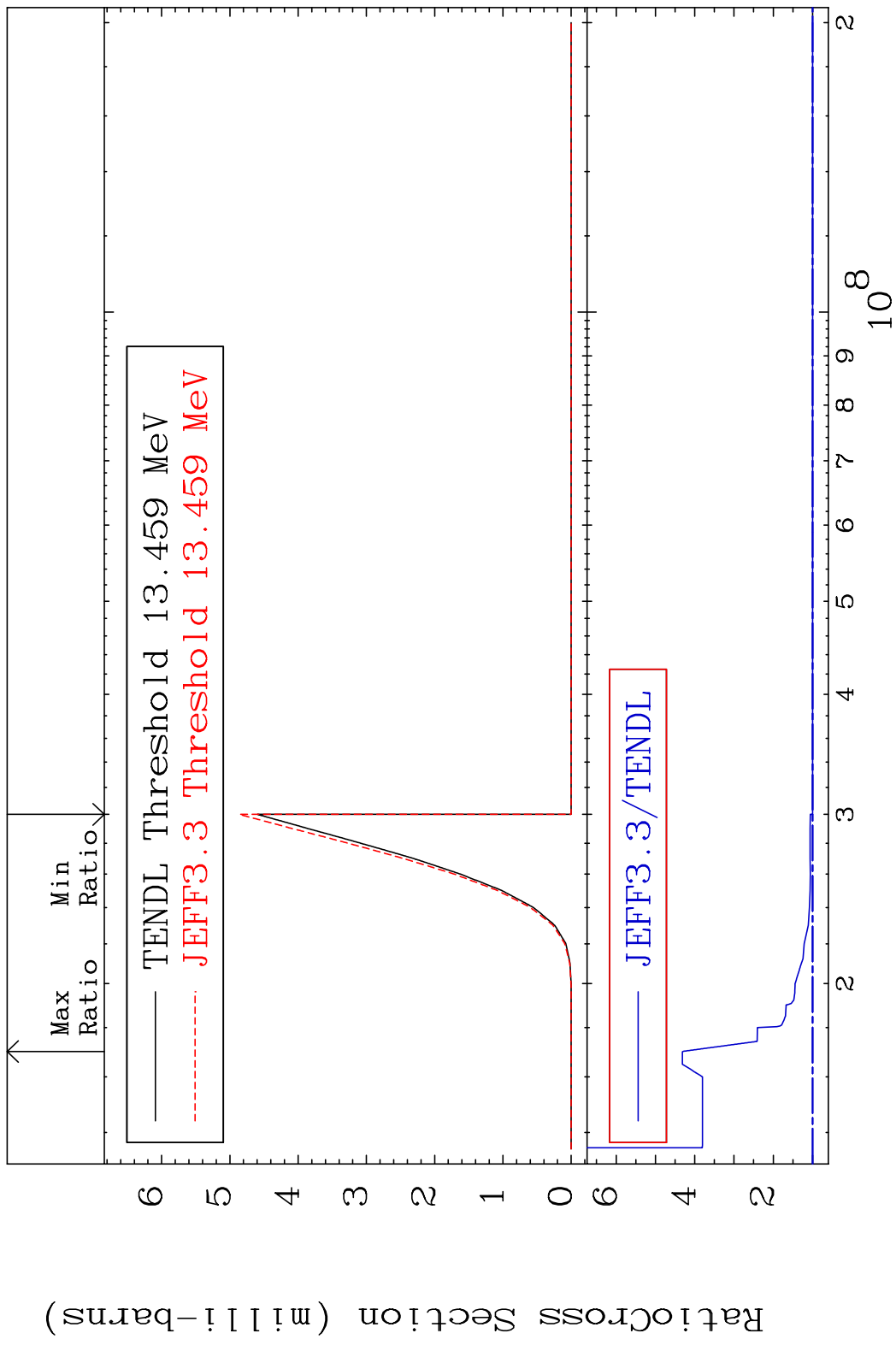
MAT 6855 Dpa inelastic (mt51-91) 68-Er-172
 Cross Section -4.915 To 9999. %

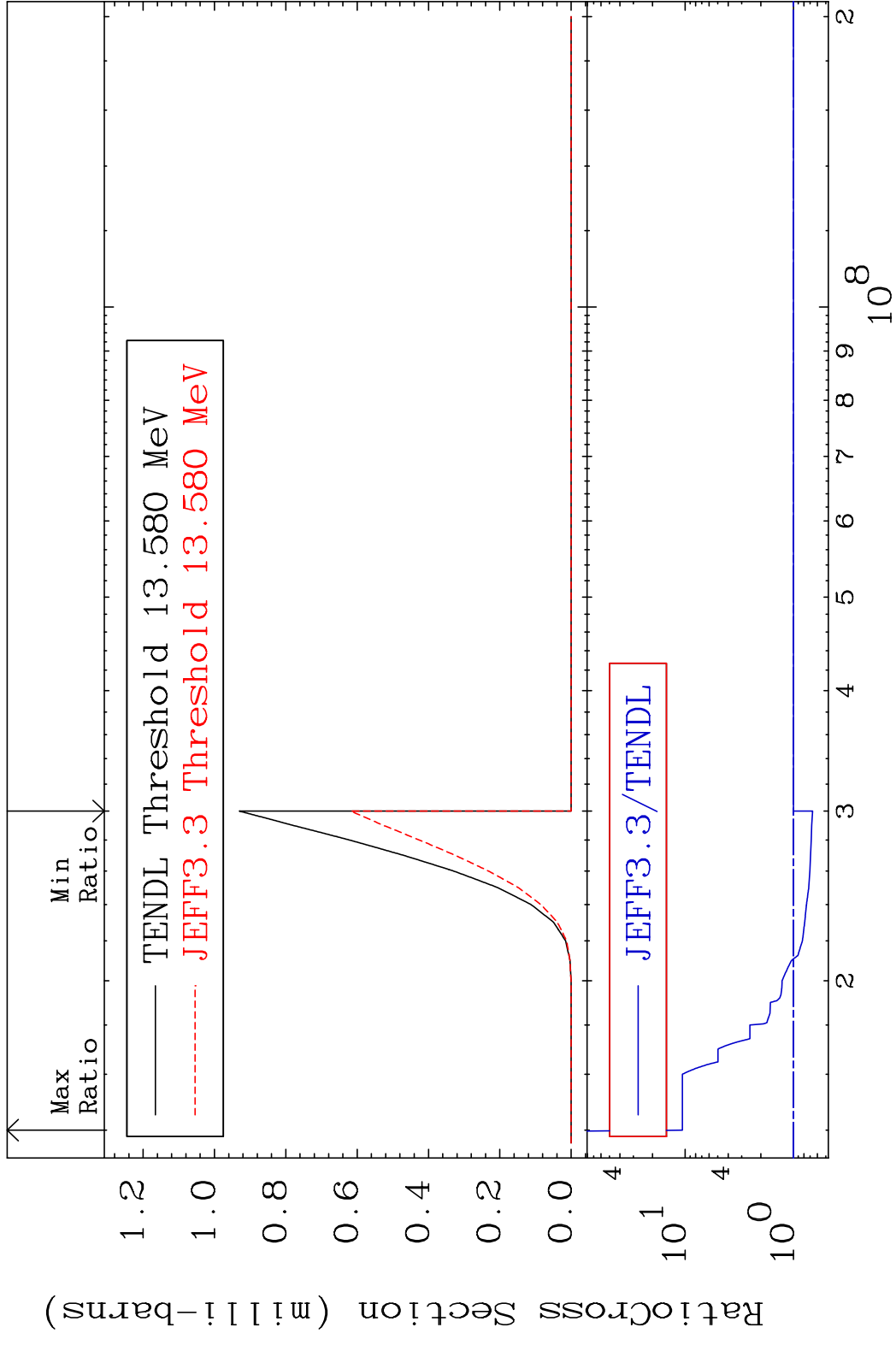


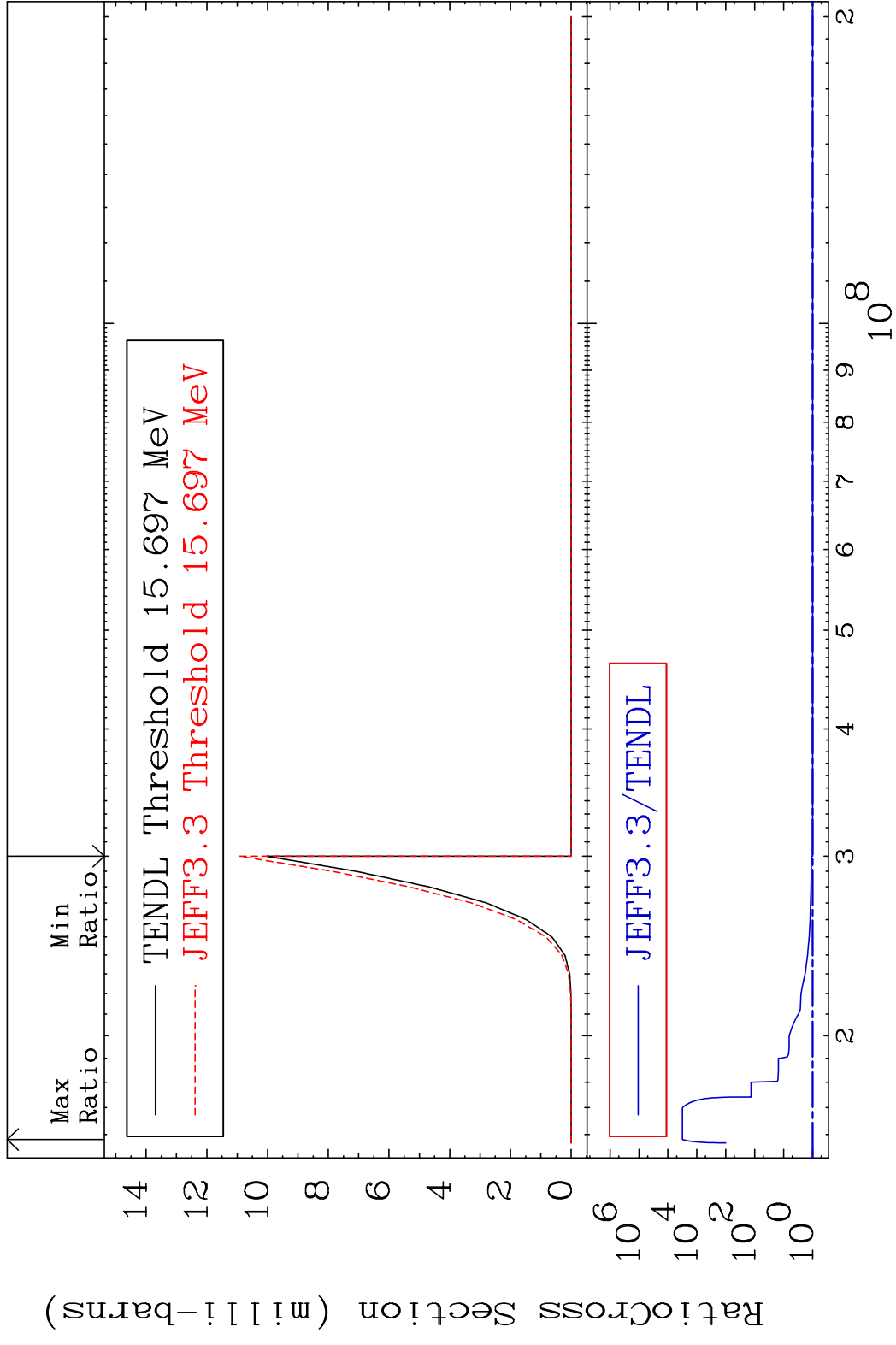
70 Incident Energy (eV) 68-Er-172

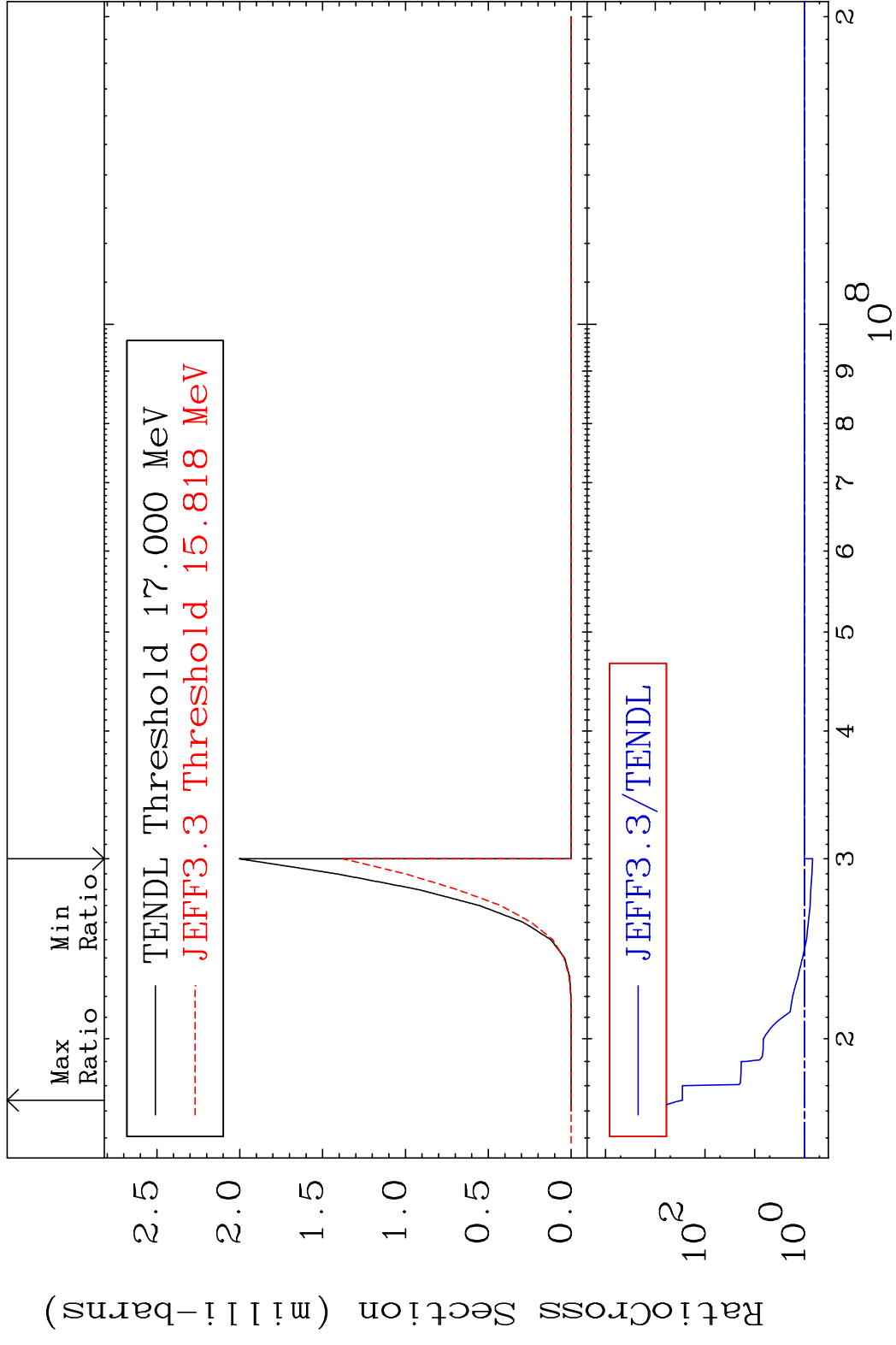
MAT 6855 Dpa disappearance (mt102 -120) 68-Er-172
 Cross Section -100.0 To 9999. %



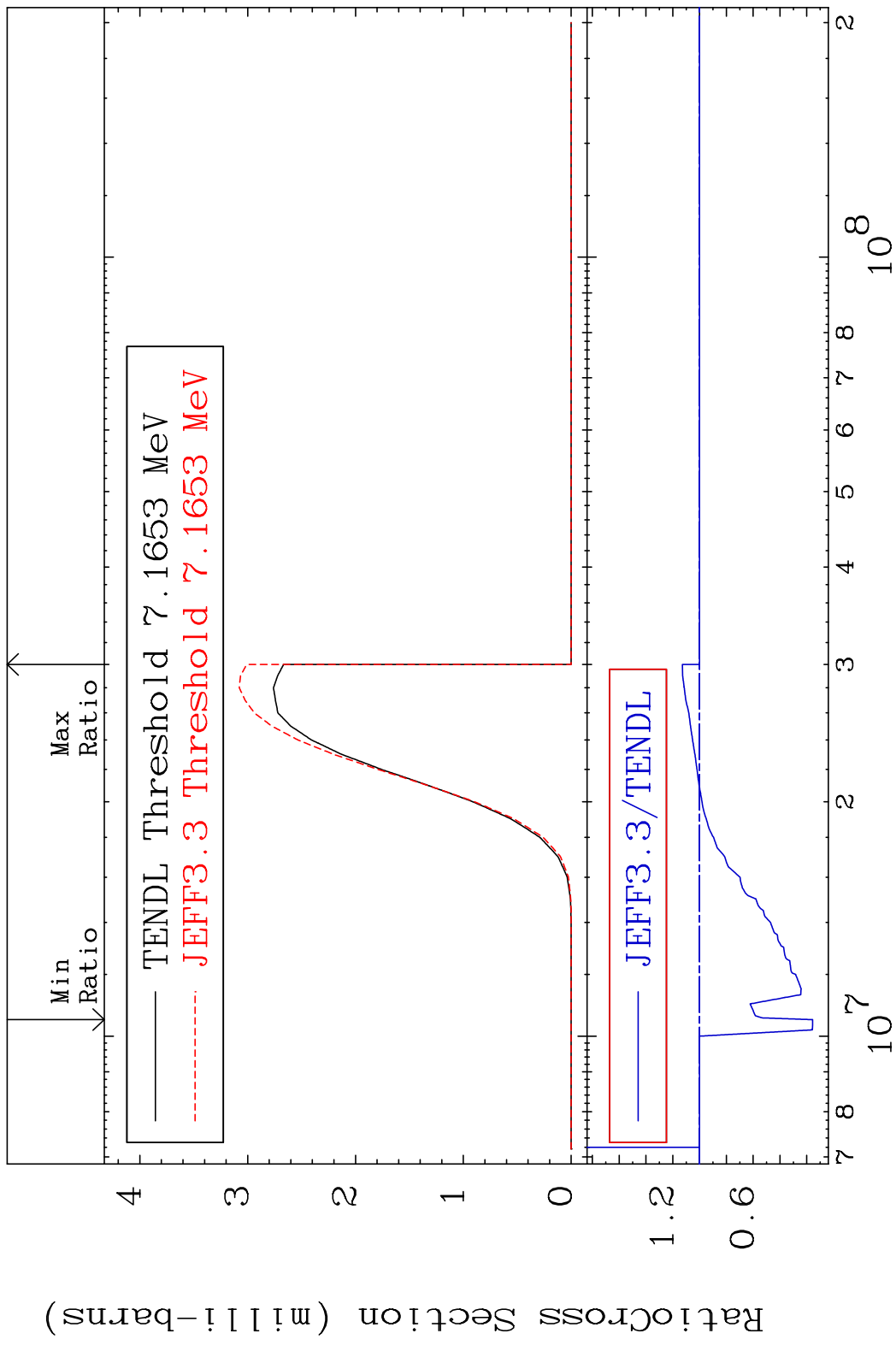








MAT 6855 (n, t):67-Ho-170g 68-Er-172
 Radionuclide Production Cross Section 12.85 %



76 Incident Energy (eV) 68-Er-172

MAT 6855 (n, t): 67-Ho-170m1 68-Er-172
 Radionuclide Production Cross Section 0.142 %

