

Program Complot
(Version 2021-1)

by

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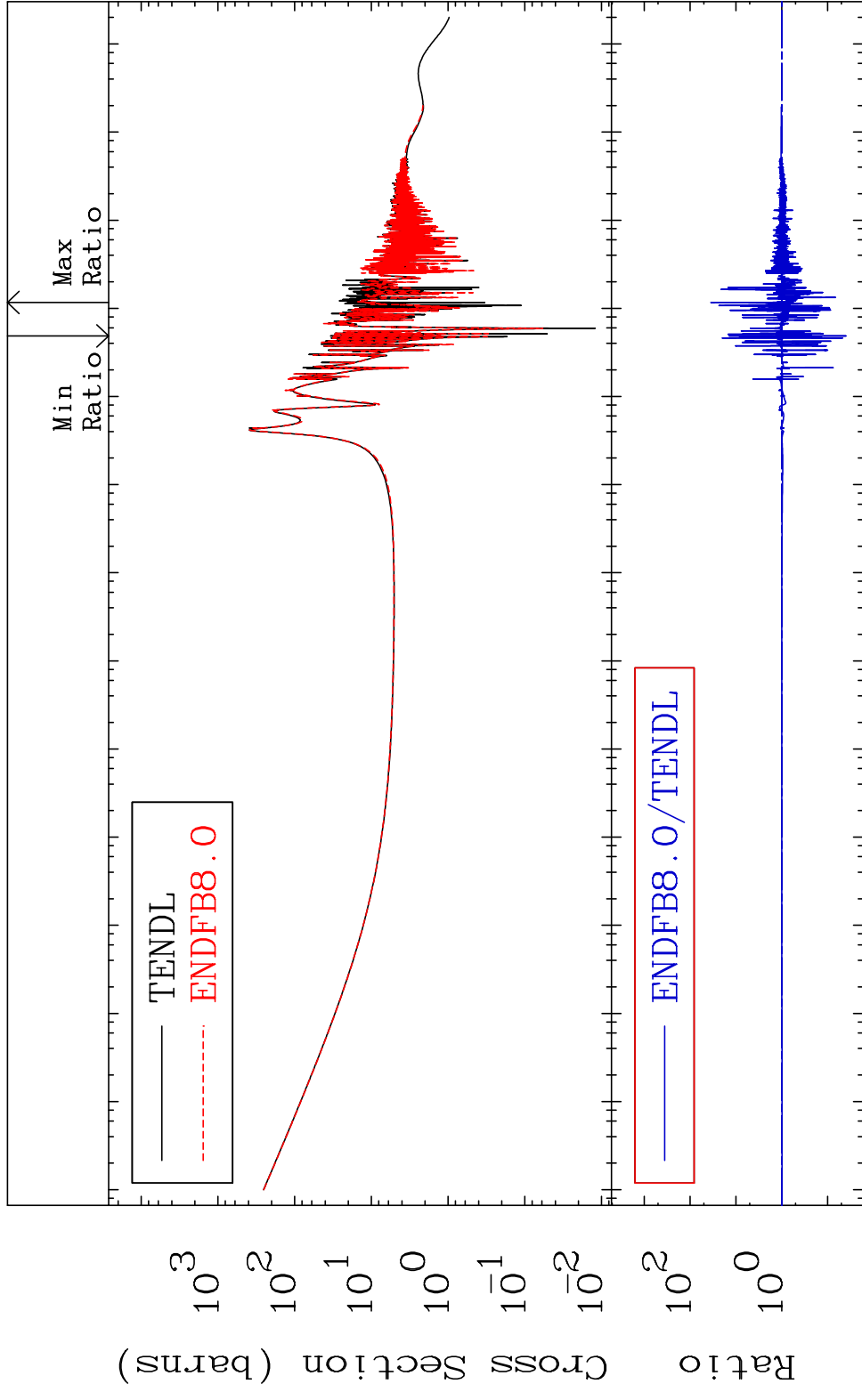
Press Mouse Button to Start

MAT 2328

Total

23-V -51

Cross Section -96.08 To 3450. %



Ratio

1

Incident Energy (eV)

23-V -51

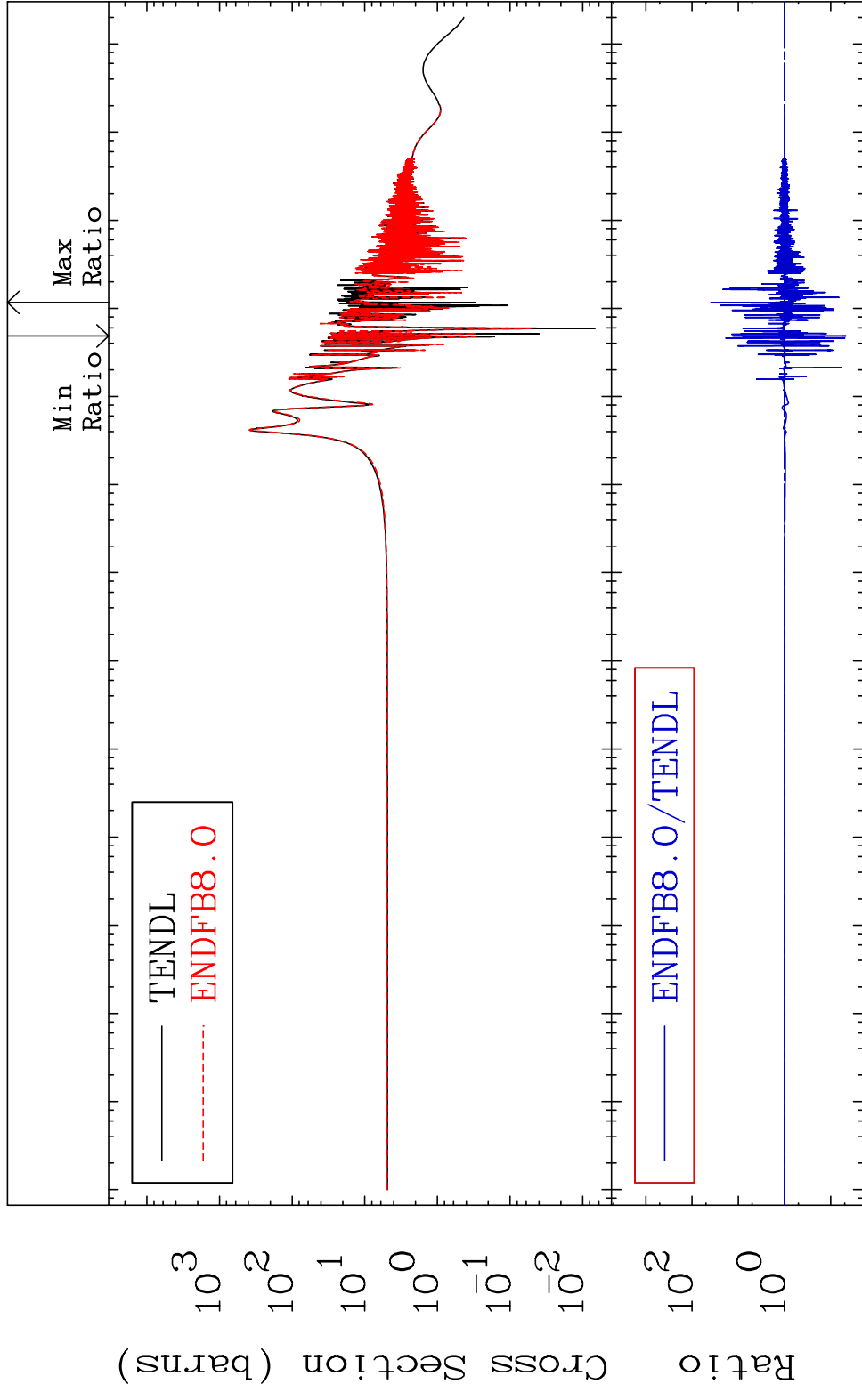
MAT 2328

Elastic

23-V -51

Cross Section

-95.41 To 3842. %



Ratio

2

Incident Energy (eV)

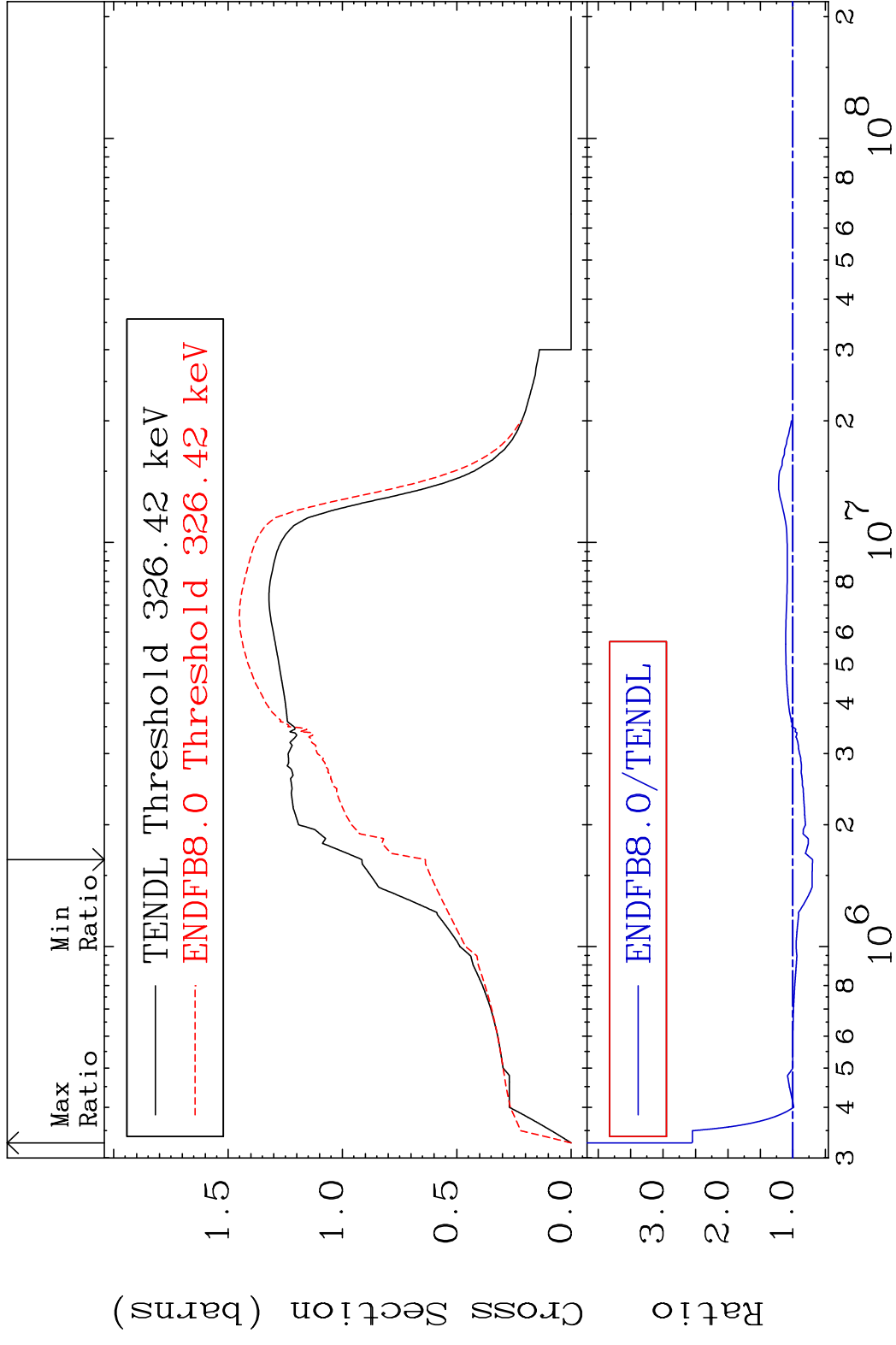
23-V -51

MAT 2328

Inelastic

23-V -51

Cross Section -30.40 To 170.3 %



3

Incident Energy (eV)

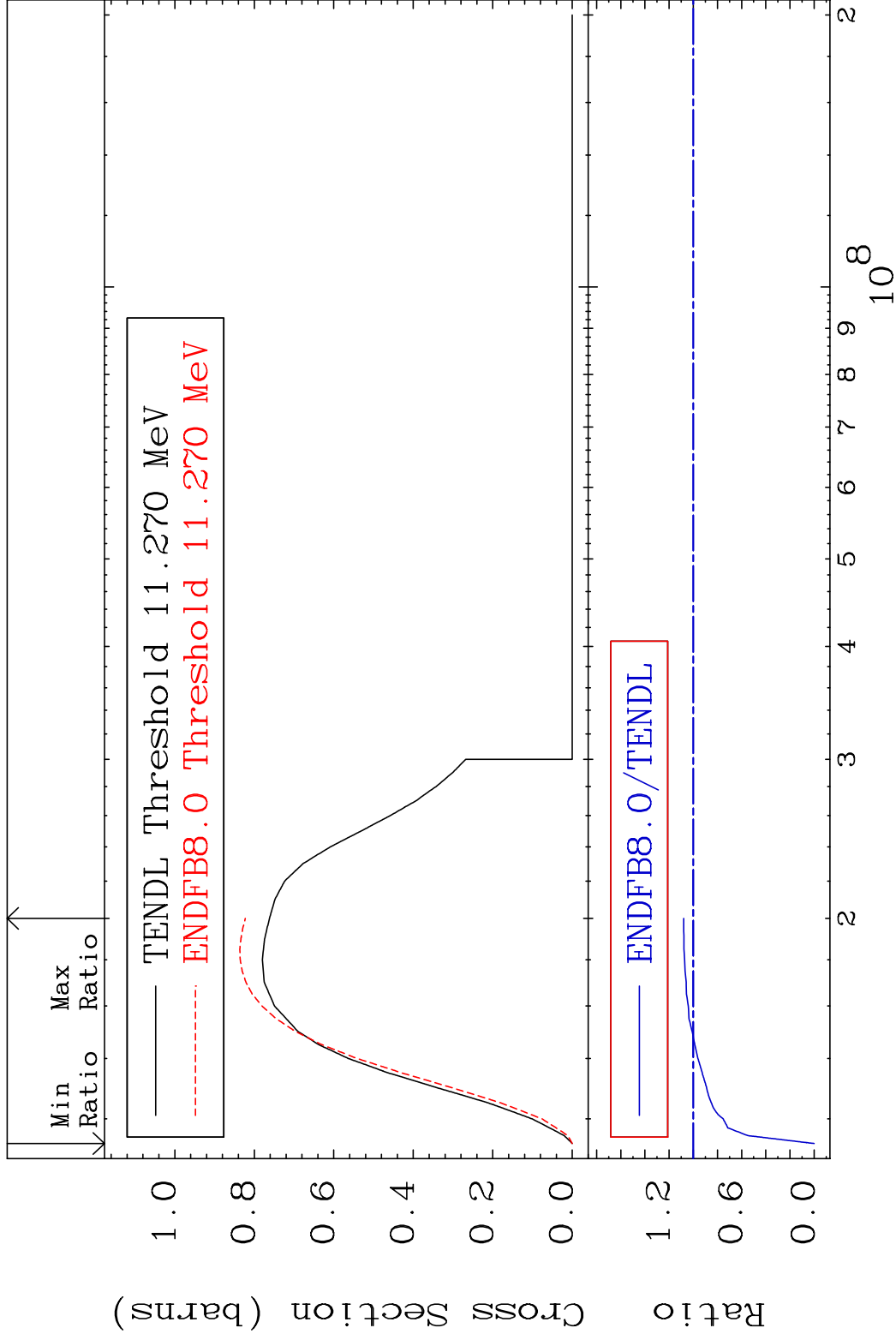
23-V -51

MAT 2328

(n,2n)

23-V -51

Cross Section -100.0 To 7.972 %



4

Incident Energy (eV)

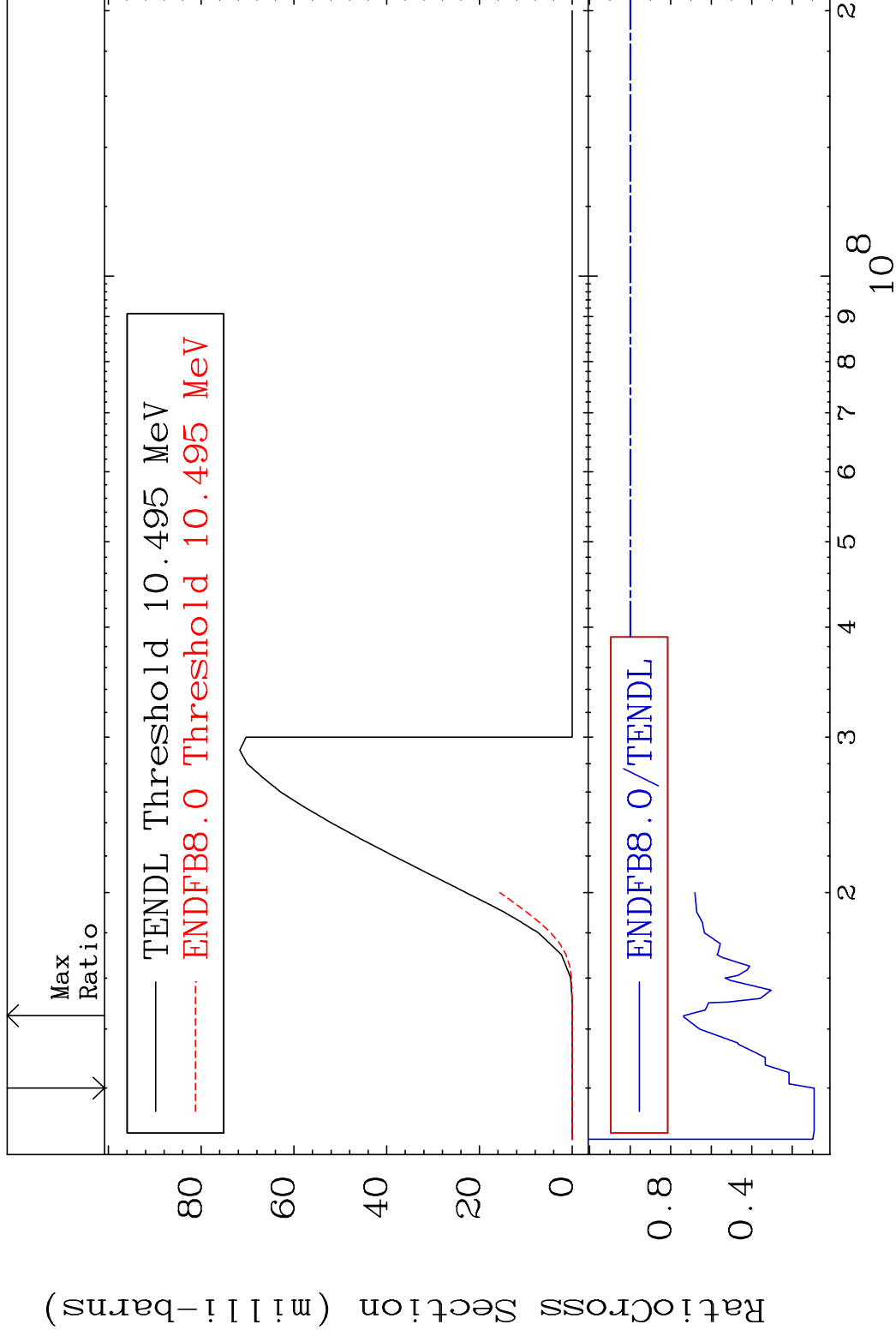
23-V -51

MAT 2328

(n, n') α

23-V -51

Cross Section -90.77 To -26.39%

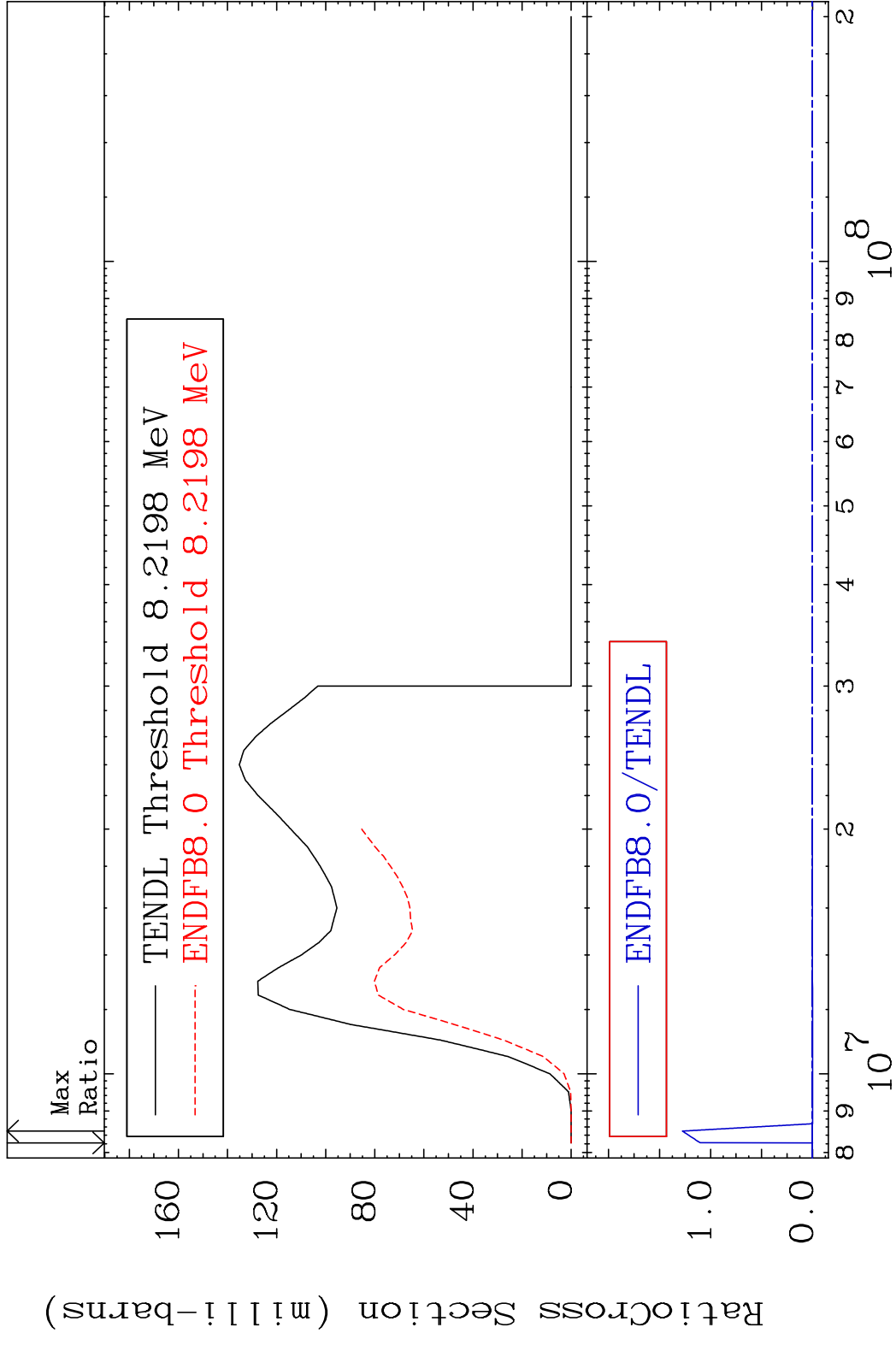


5

Incident Energy (eV)

23-V -51

MAT 2328 (n, n') p 23-V -51
 Cross Section -100.0 To 9999. %

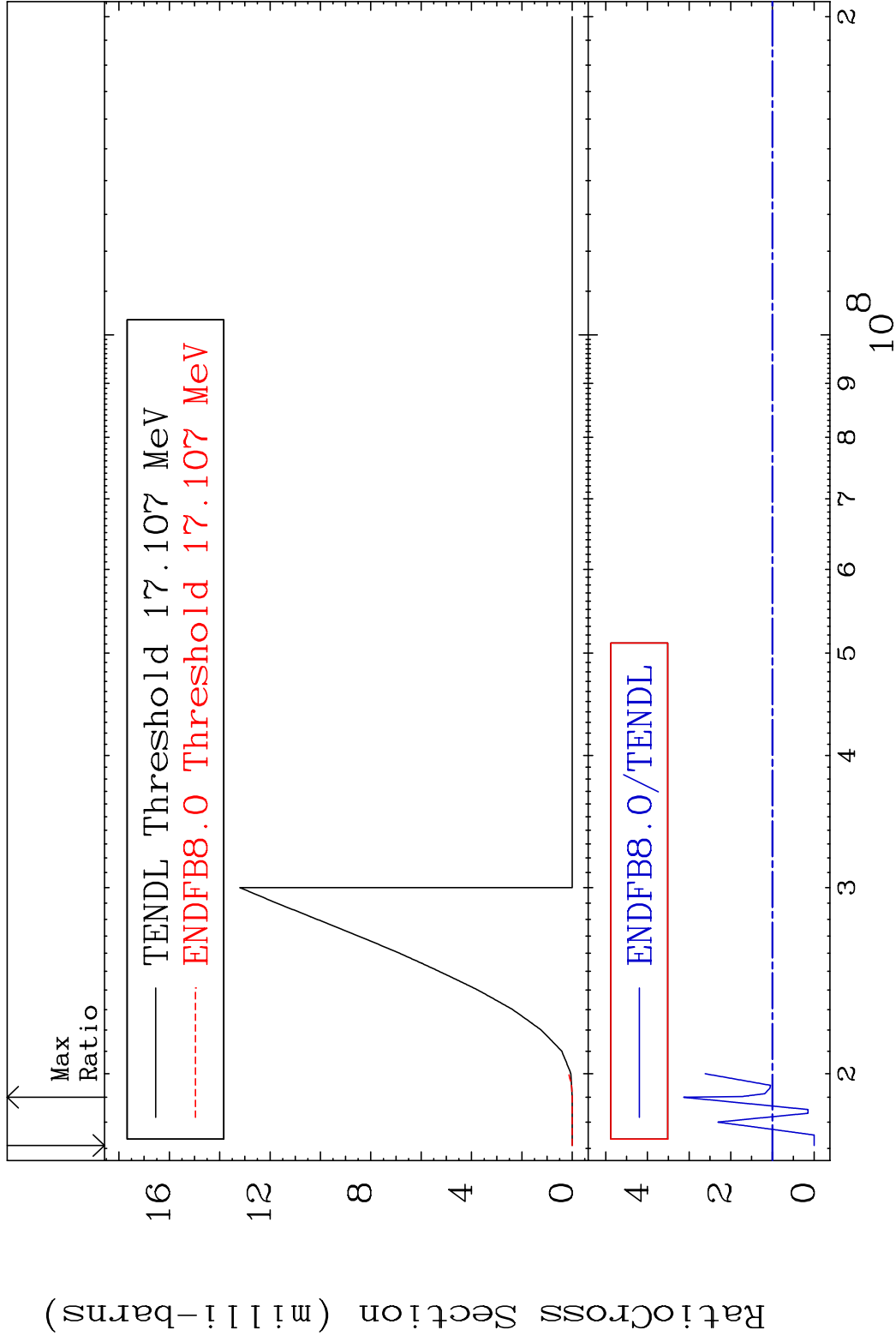


MAT 2328

(n, n') d

23-V -51

Cross Section -100.0 To 213.1 %

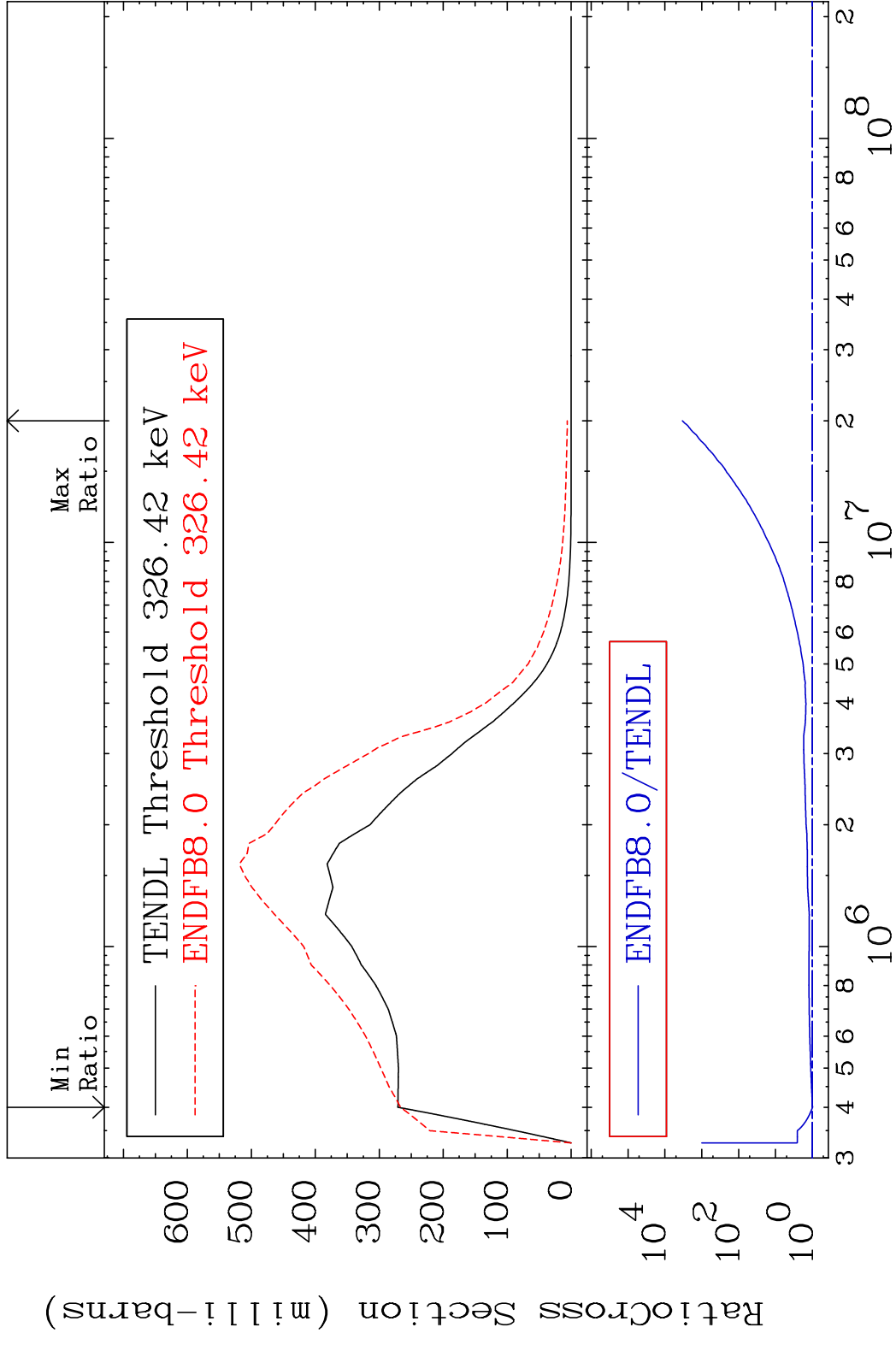


7

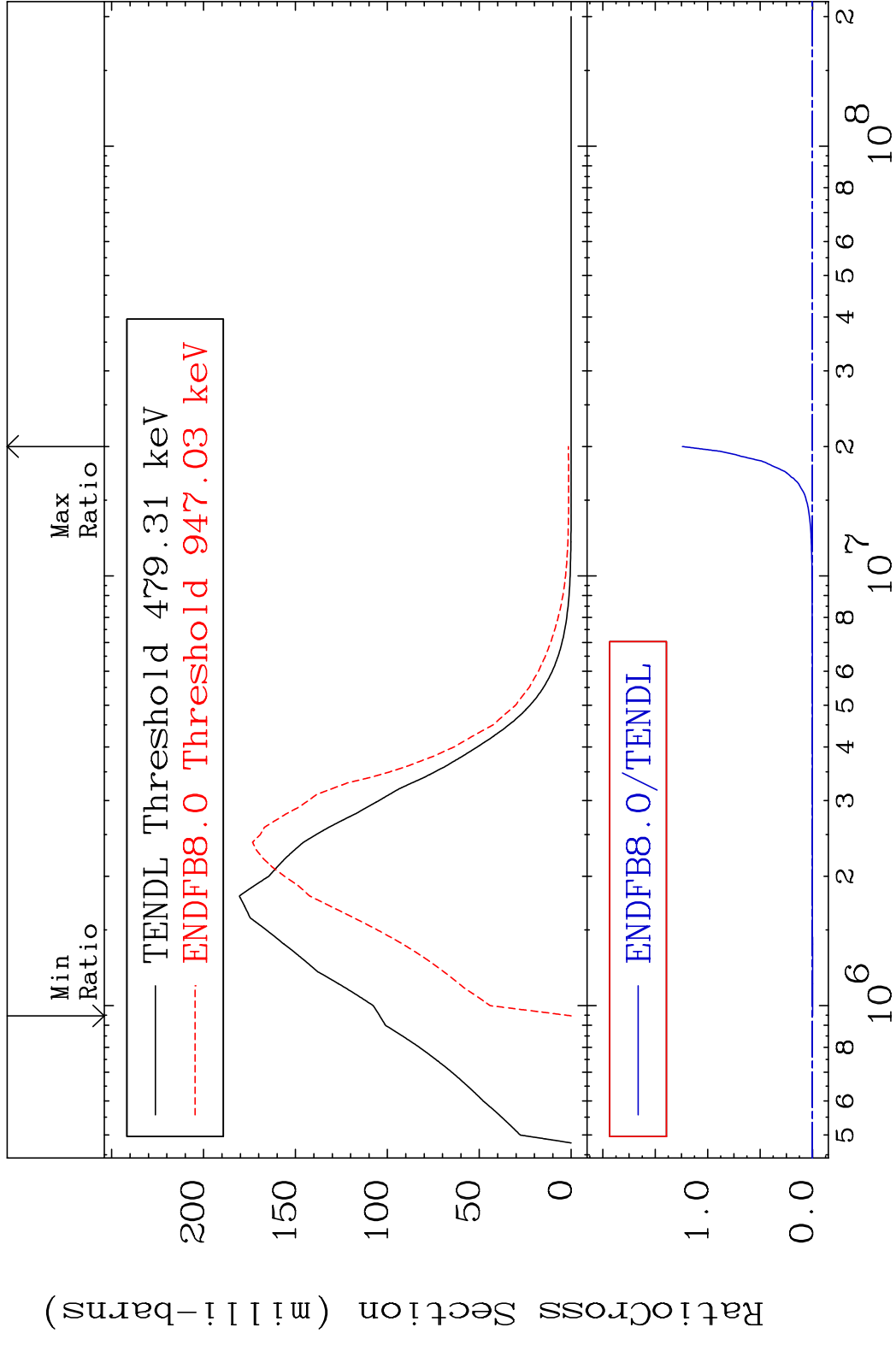
Incident Energy (eV)

23-V -51

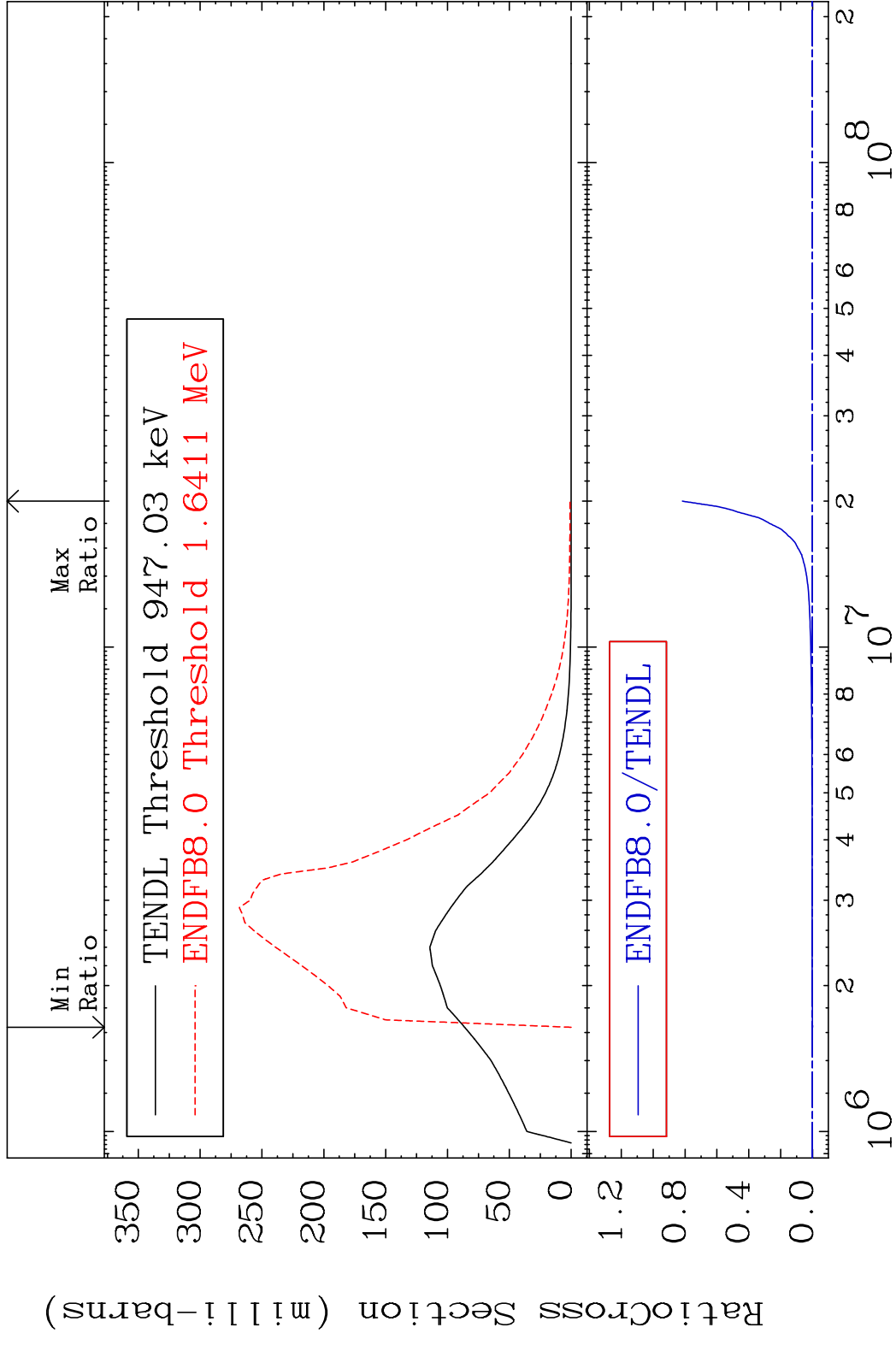
MAT 2328 MT= 51 (n,n') Level 23-V -51
 Cross Section -1.519 To 9999. %



MAT 2328 MT= 52 (n, n') Level 23-V -51
 Cross Section -100.0 To 9999. %

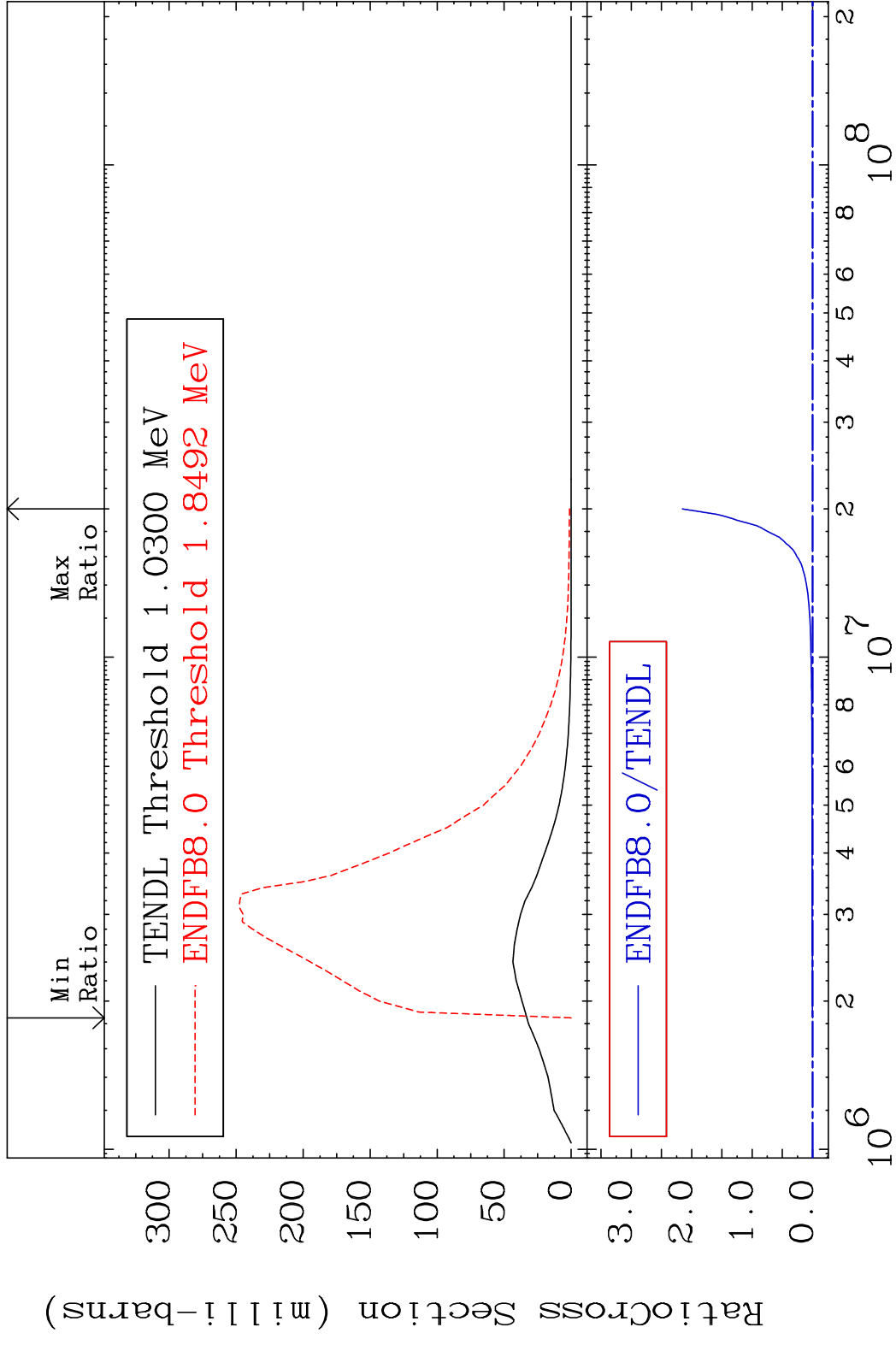


MAT 2328 MT= 53 (n, n') Level 23-V -51
 Cross Section -100.0 To 9999. %

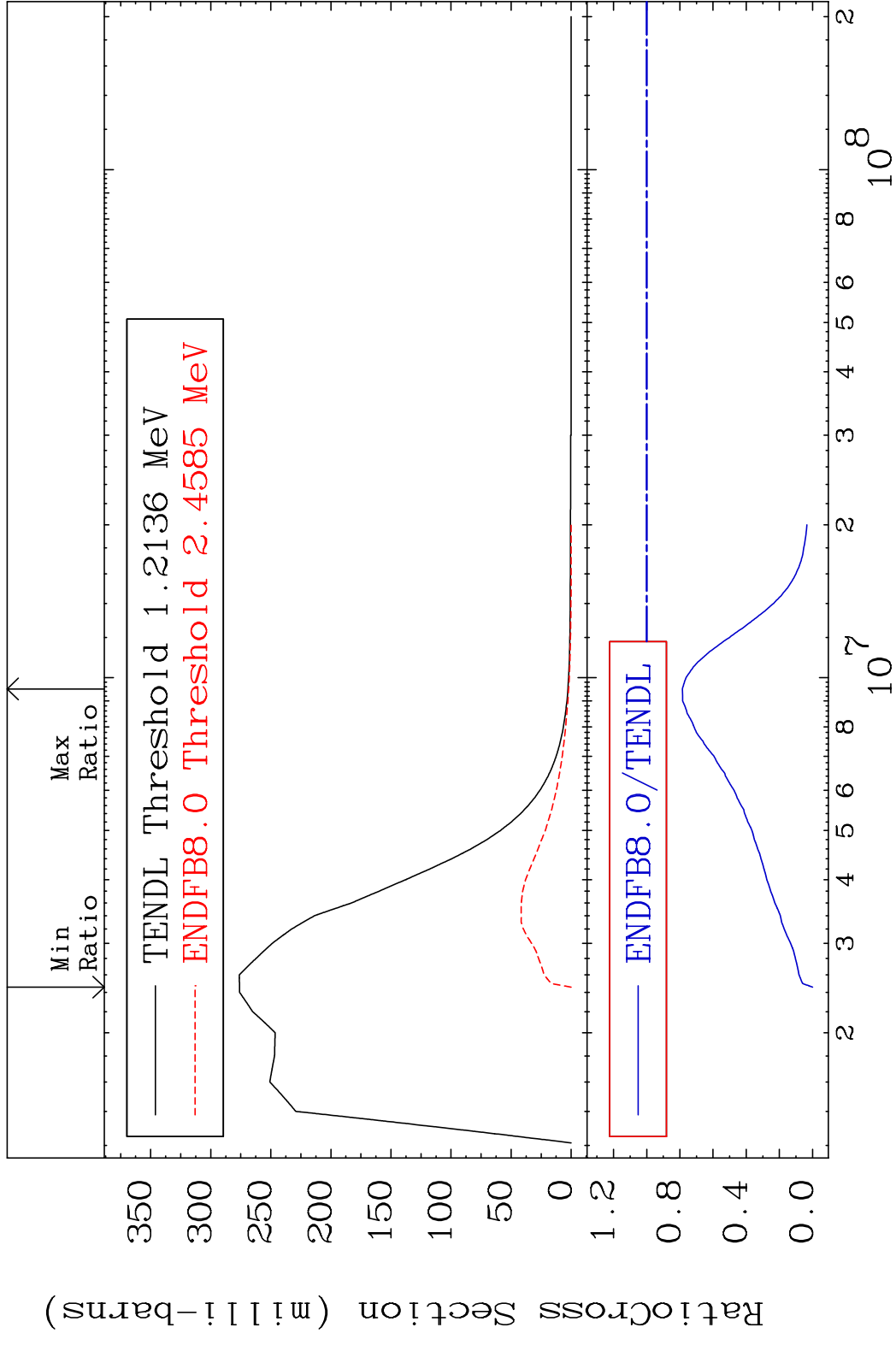


10 Incident Energy (eV) 23-V -51

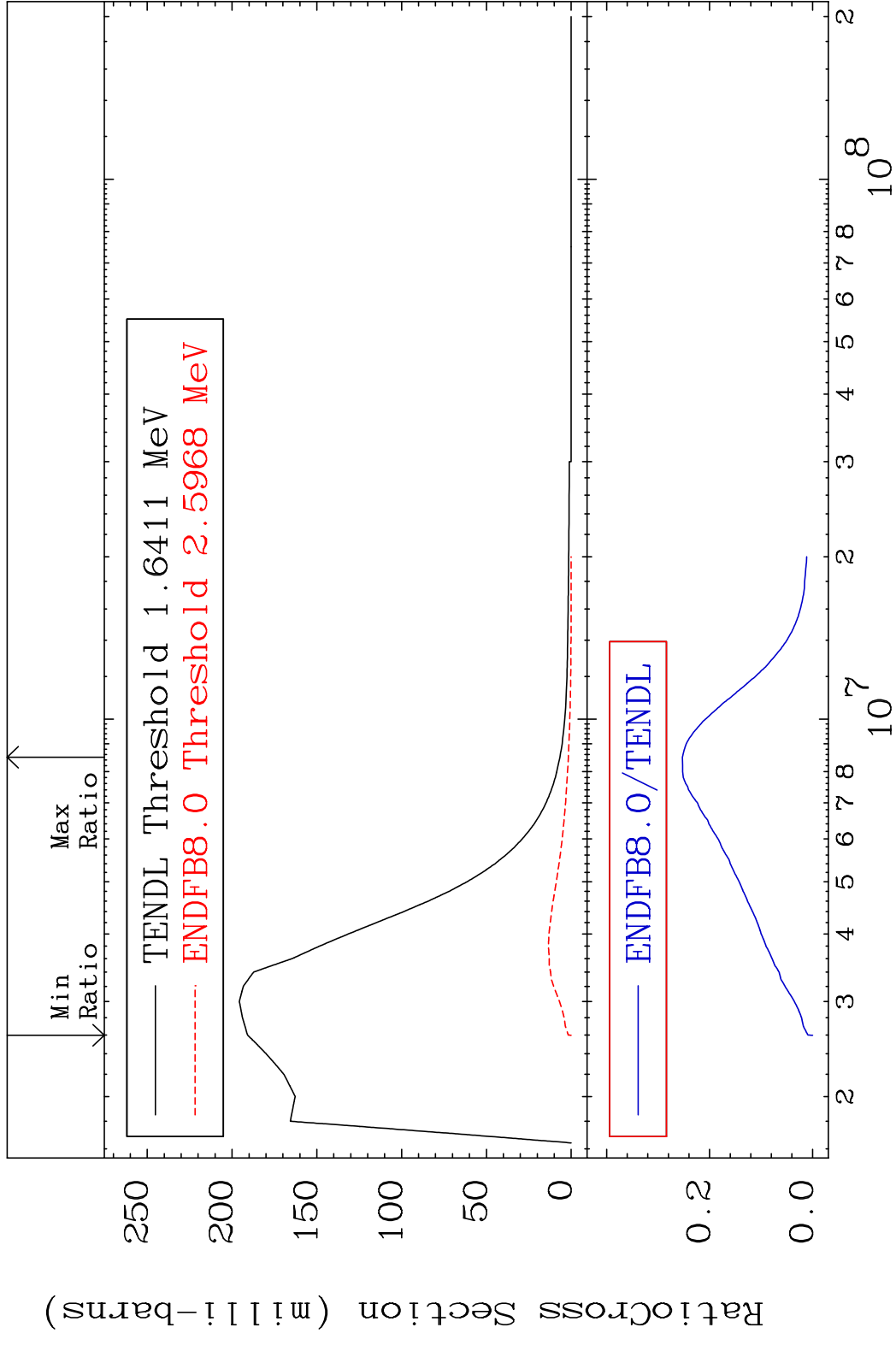
MAT 2328 MT= 54 (n, n') Level 23-V -51
 Cross Section -100.0 To 9999. %



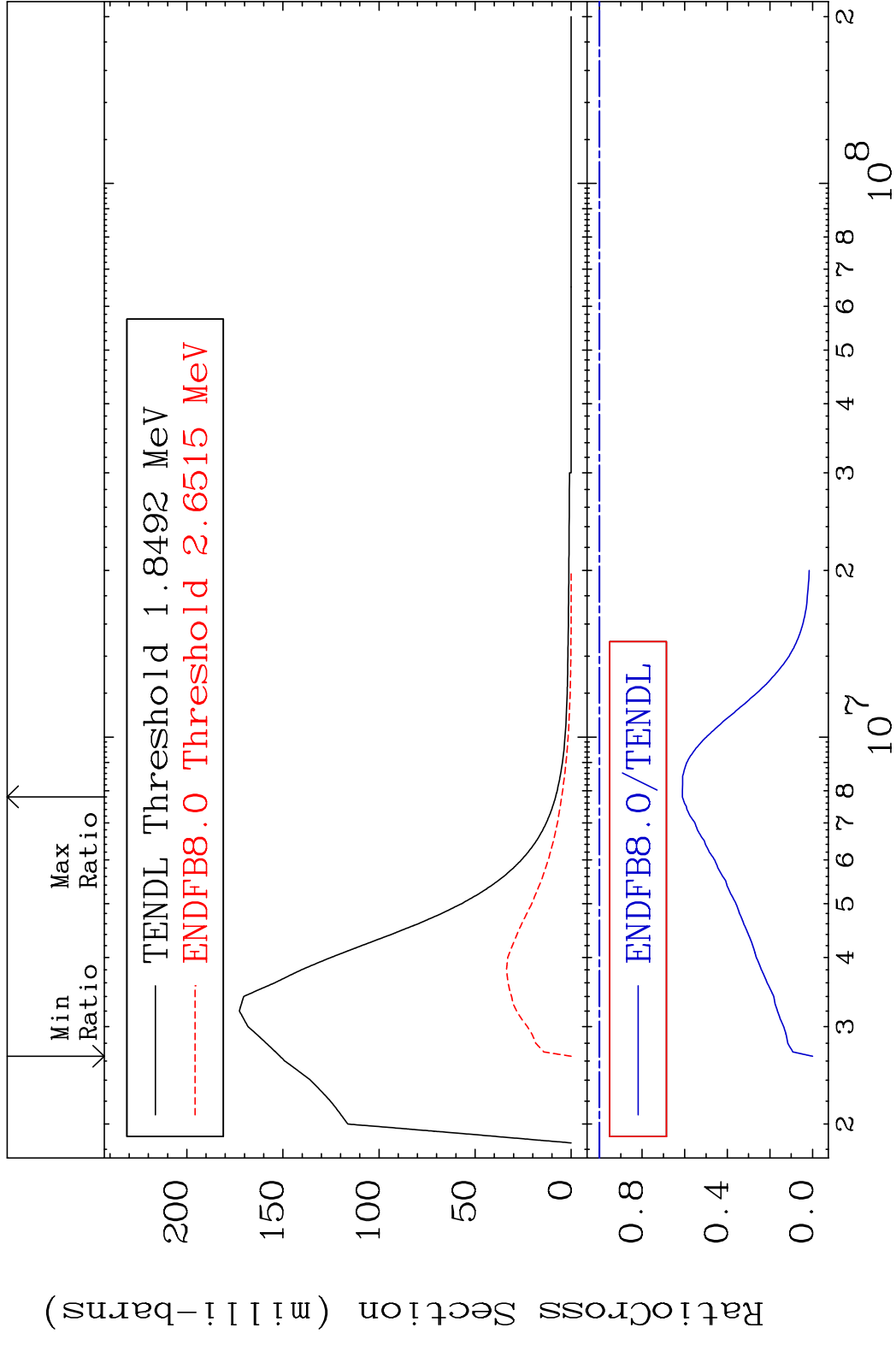
MAT 2328 MT= 55 (n,n') Level 23-V -51
 Cross Section -100.0 To -21.49%



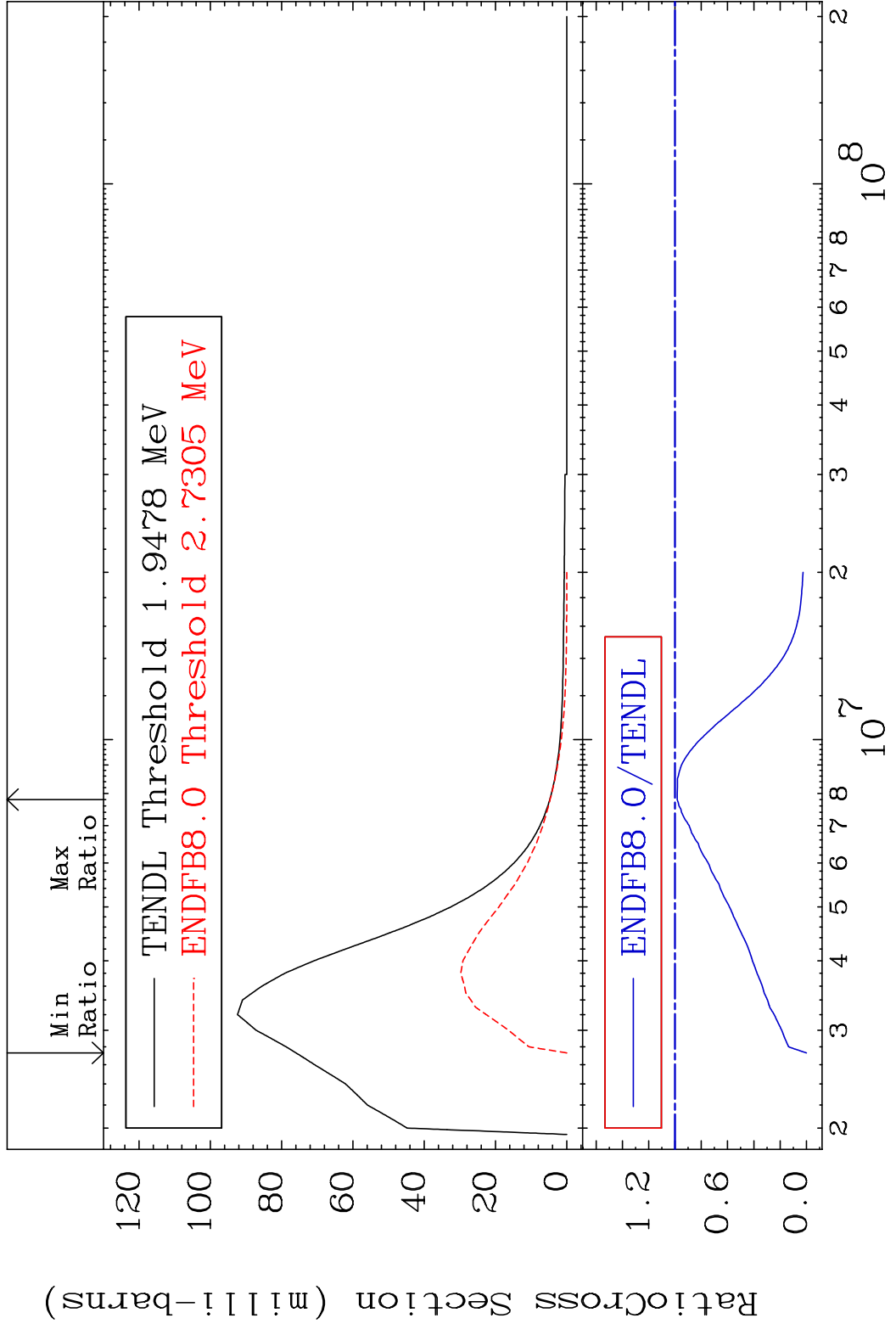
MAT 2328 MT= 56 (n,n') Level 23-V -51
 Cross Section -100.0 To -74.71%



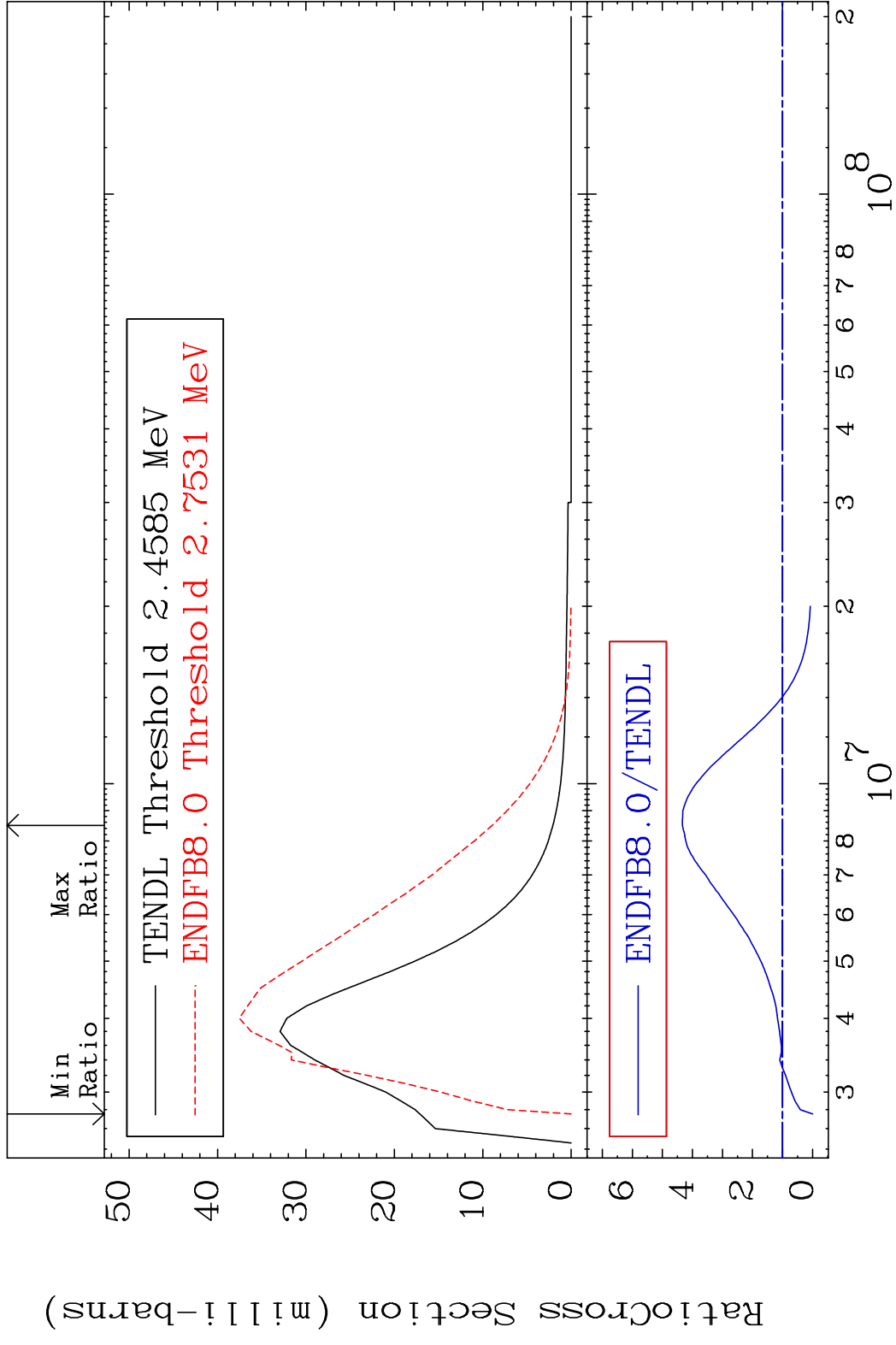
MAT 2328 MT= 57 (n, n') Level 23-V -51
 Cross Section -100.0 To -38.89%



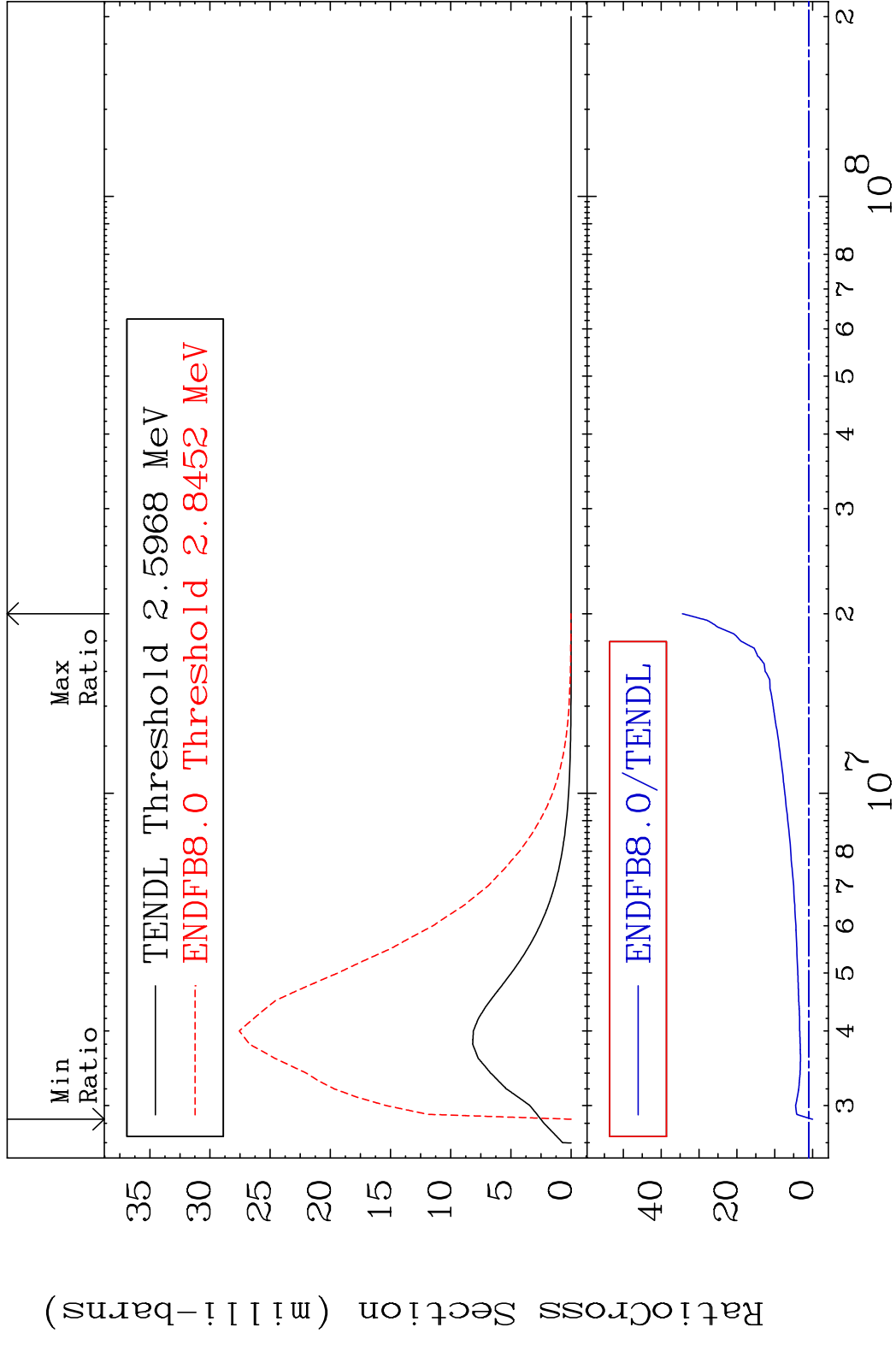
MAT 2328 MT= 58 (n,n') Level 23-V -51
 Cross Section -100.0 To -1.663%



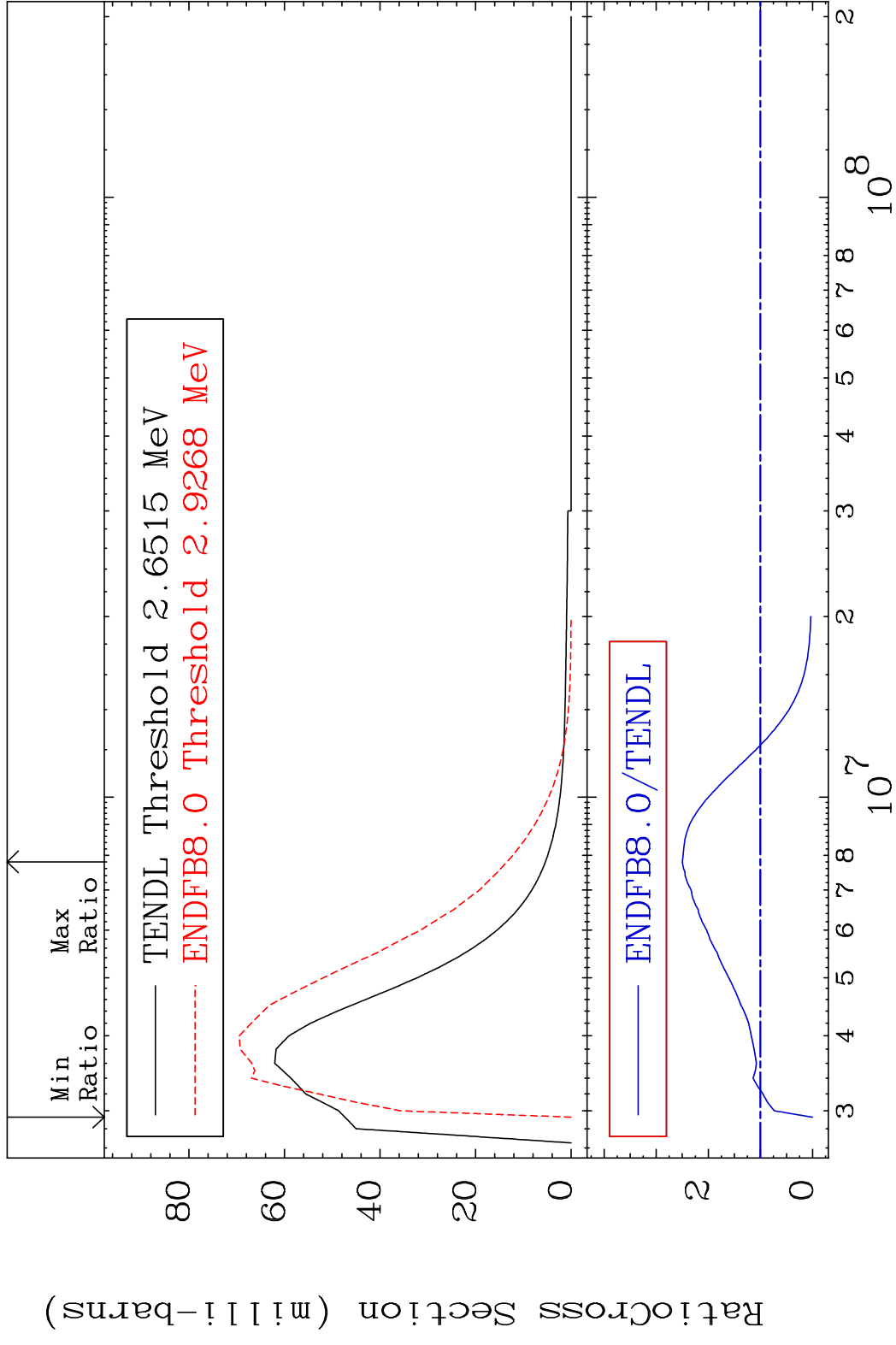
MAT 2328 MT= 59 (n, n') Level 23-V -51
 Cross Section -100.0 To 333.5 %



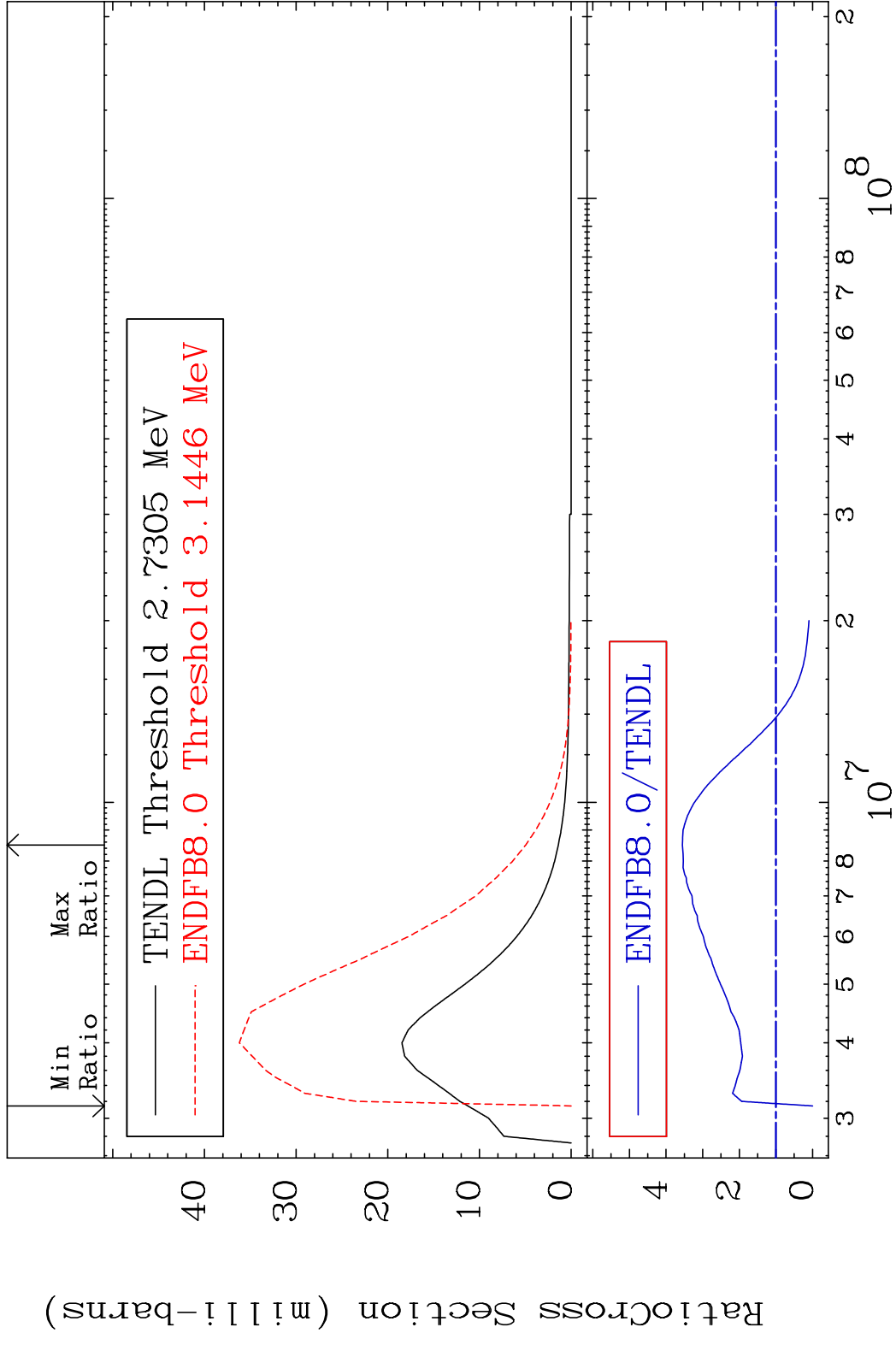
MAT 2328 MT= 60 (n, n') Level 23-V -51
 Cross Section -100.0 To 3340. %



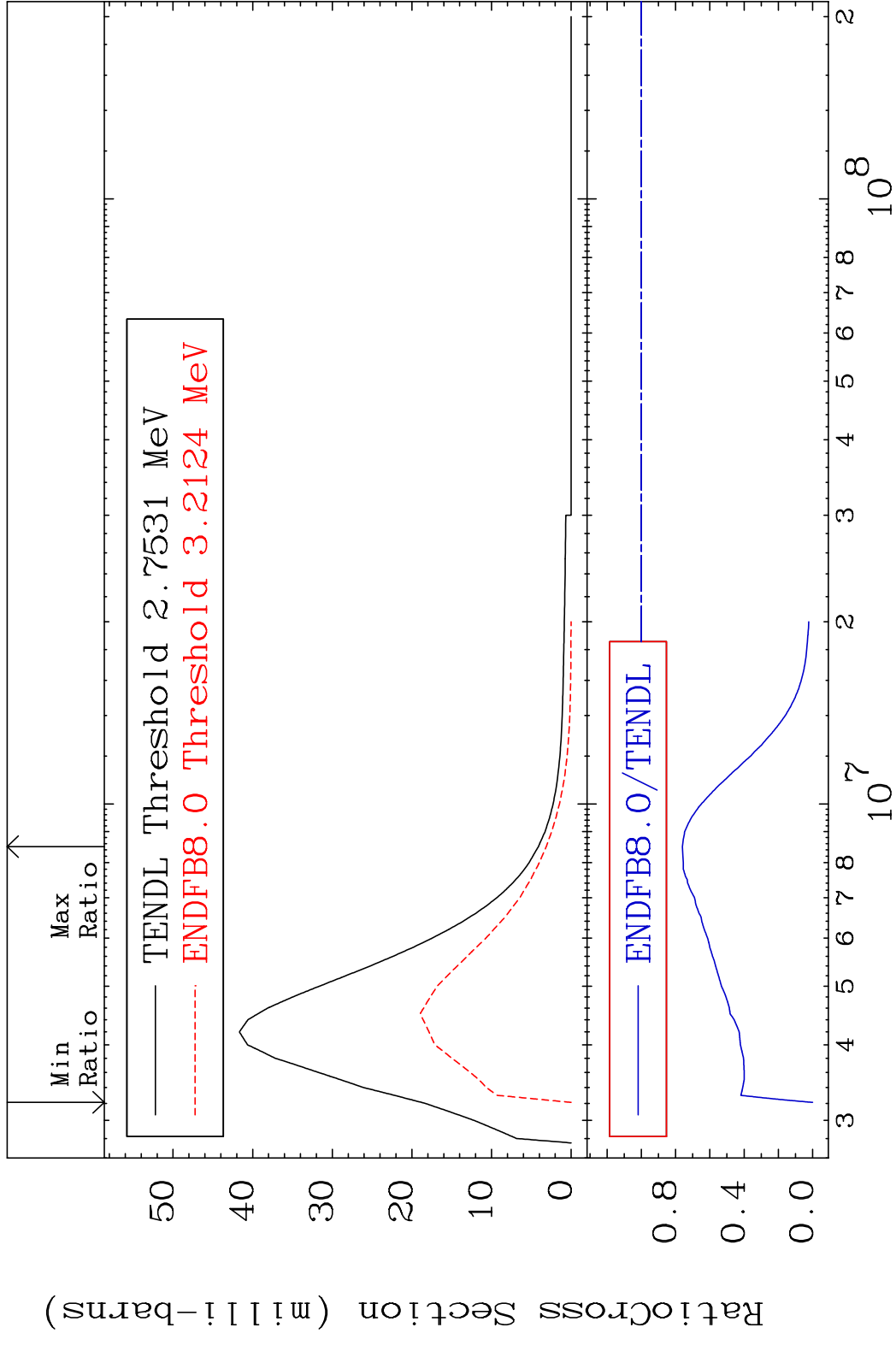
MAT 2328 MT= 61 (n,n') Level 23-V -51
 Cross Section -100.0 To 149.8 %



MAT 2328 MT= 62 (n,n') Level 23-V -51
 Cross Section -100.0 To 255.4 %

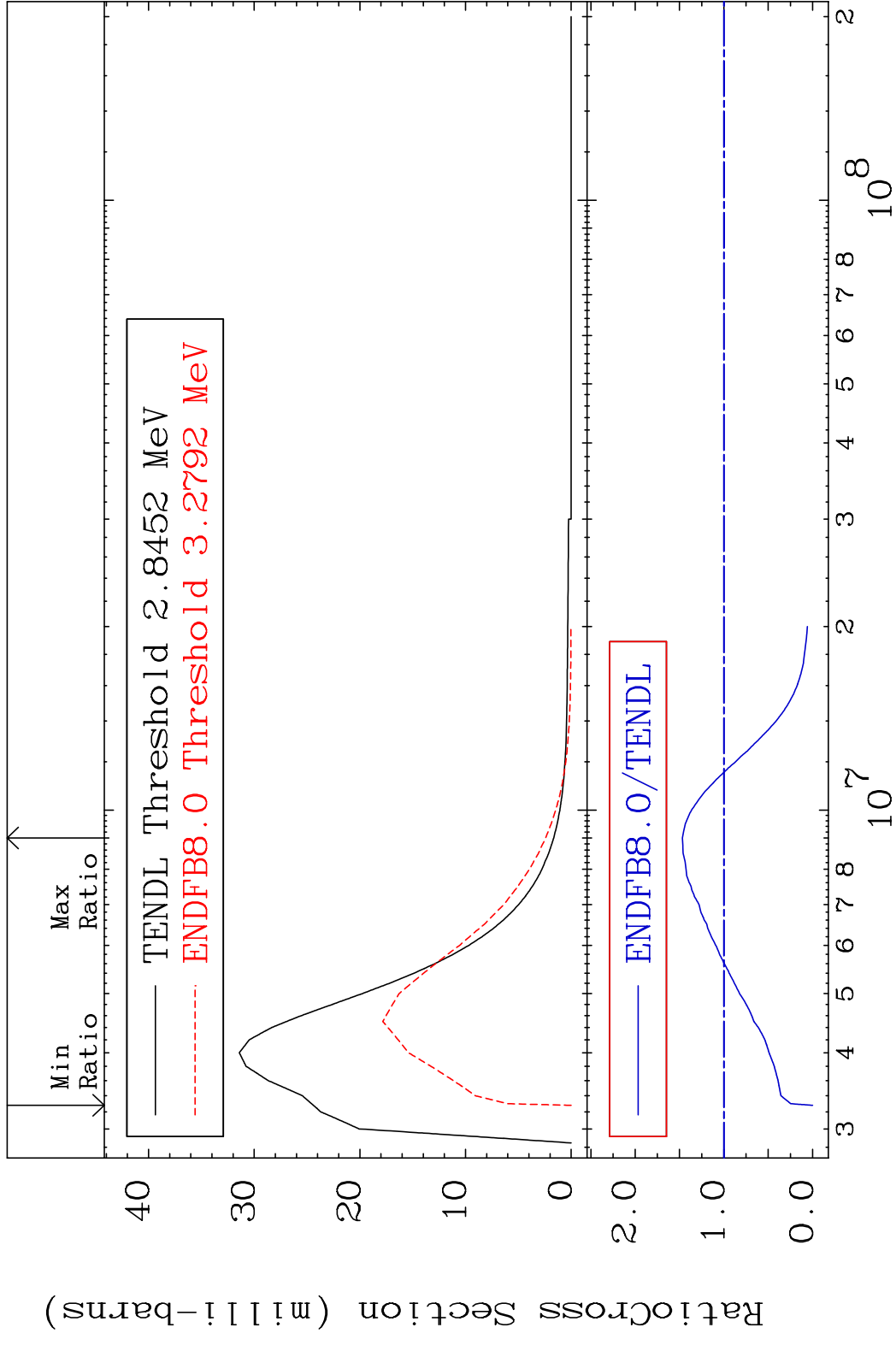


MAT 2328 MT= 63 (n, n') Level 23-V -51
 Cross Section -100.0 To -23.94%

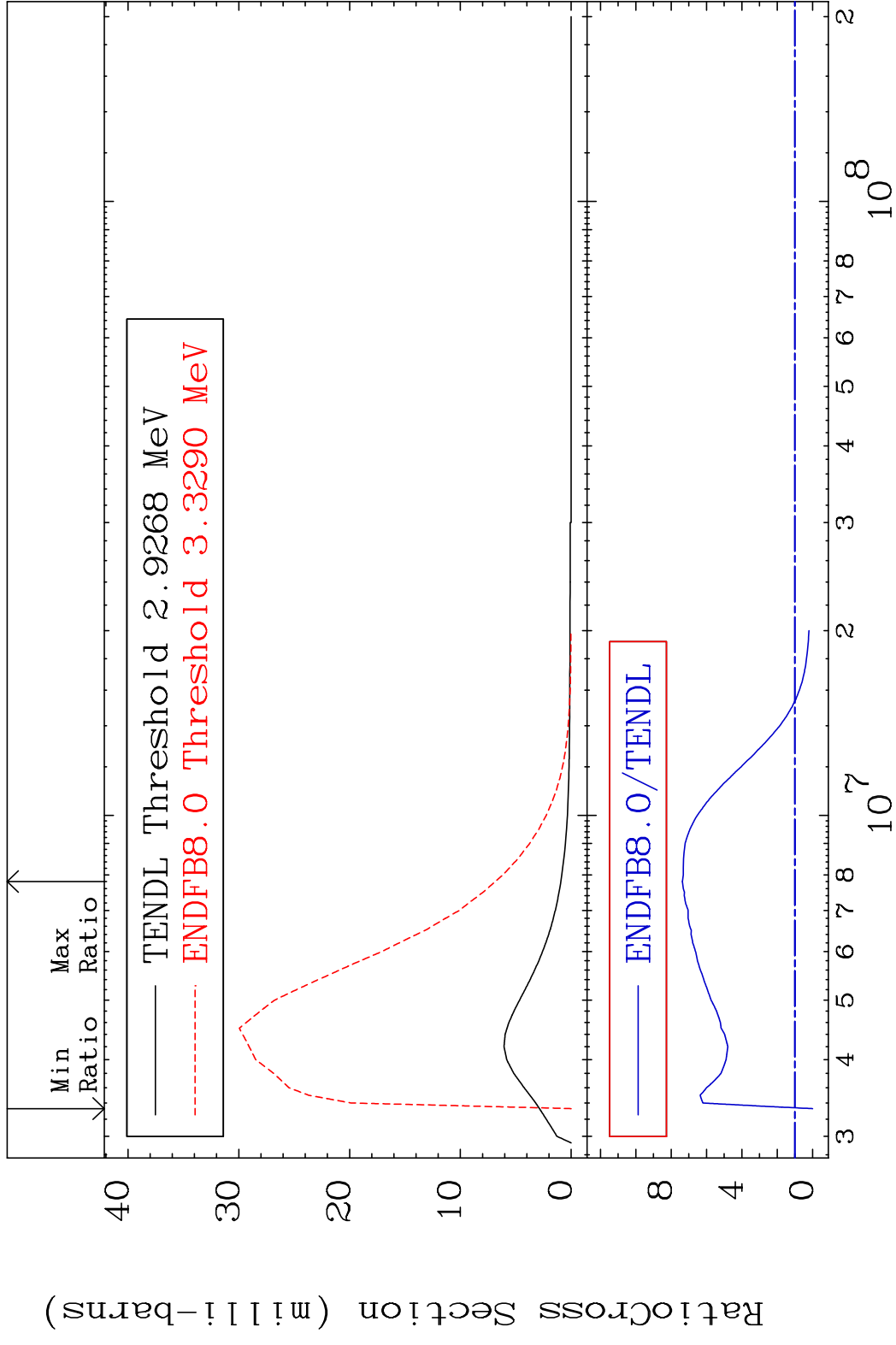


20 Incident Energy (eV) 23-V -51

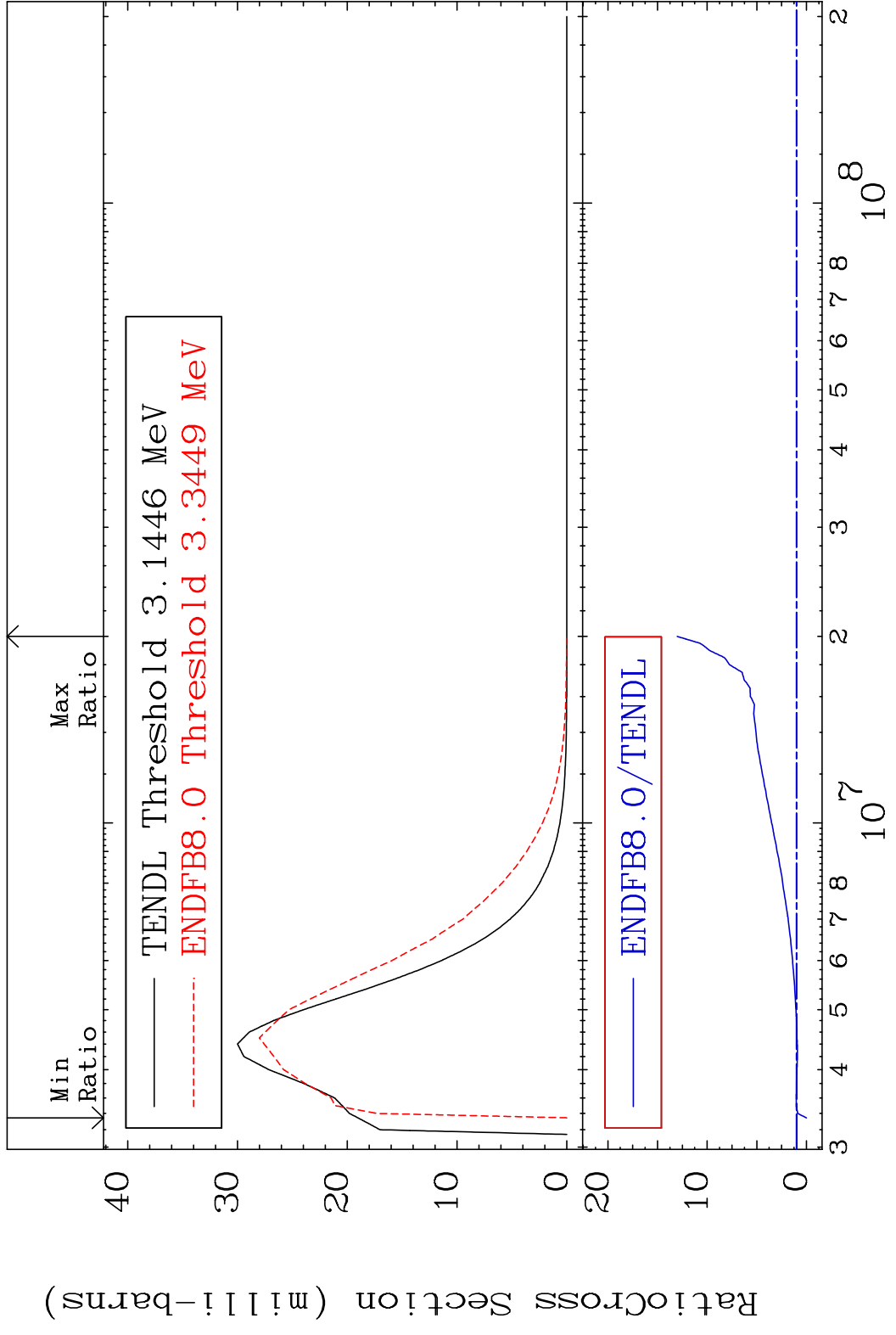
MAT 2328 MT= 64 (n,n') Level 23-V -51
 Cross Section -100.0 To 46.81 %



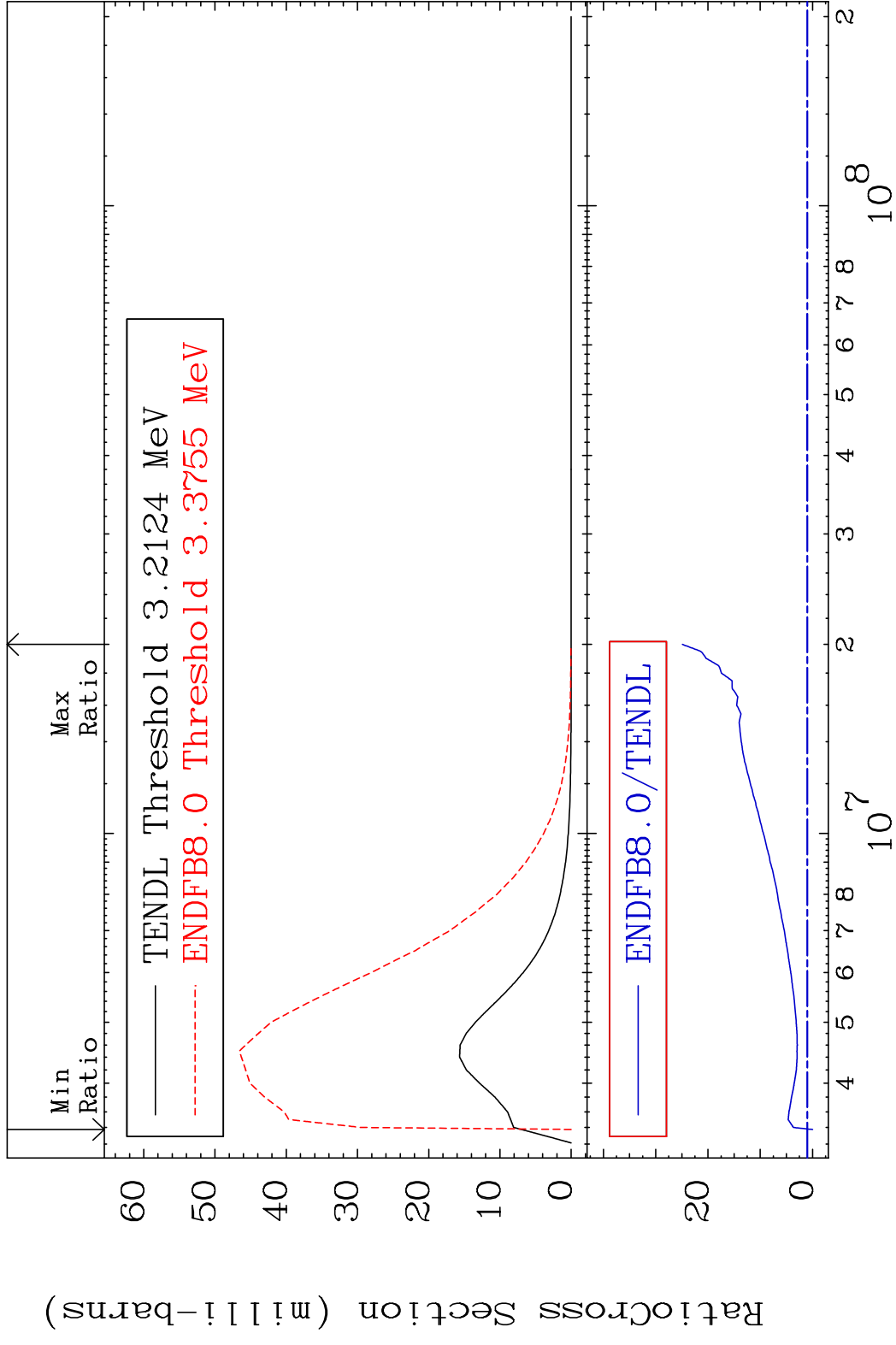
MAT 2328 MT= 65 (n,n') Level 23-V -51
 Cross Section -100.0 To 636.5 %



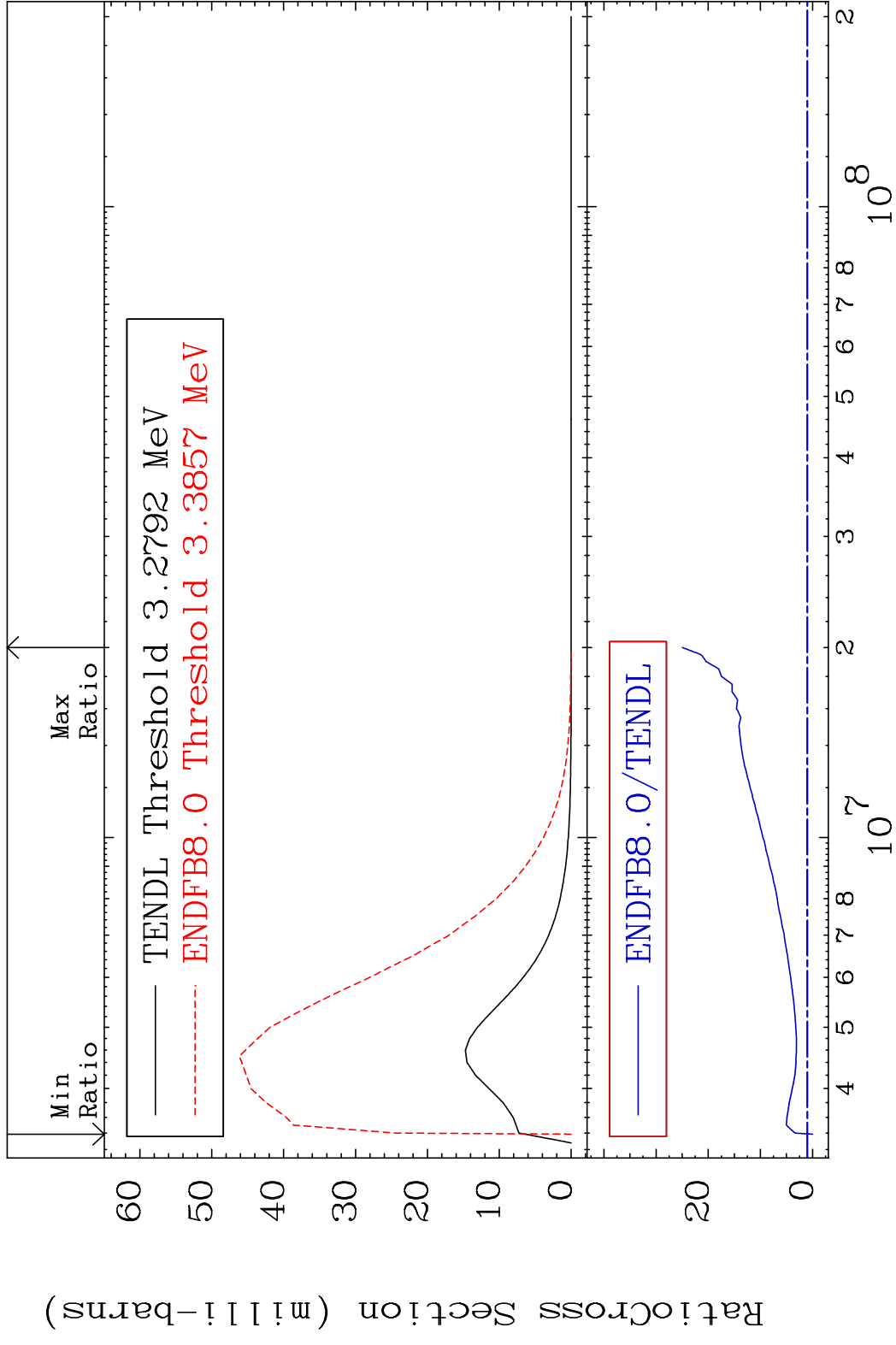
MAT 2328 MT= 66 (n, n') Level 23-V -51
 Cross Section -100.0 To 1202. %



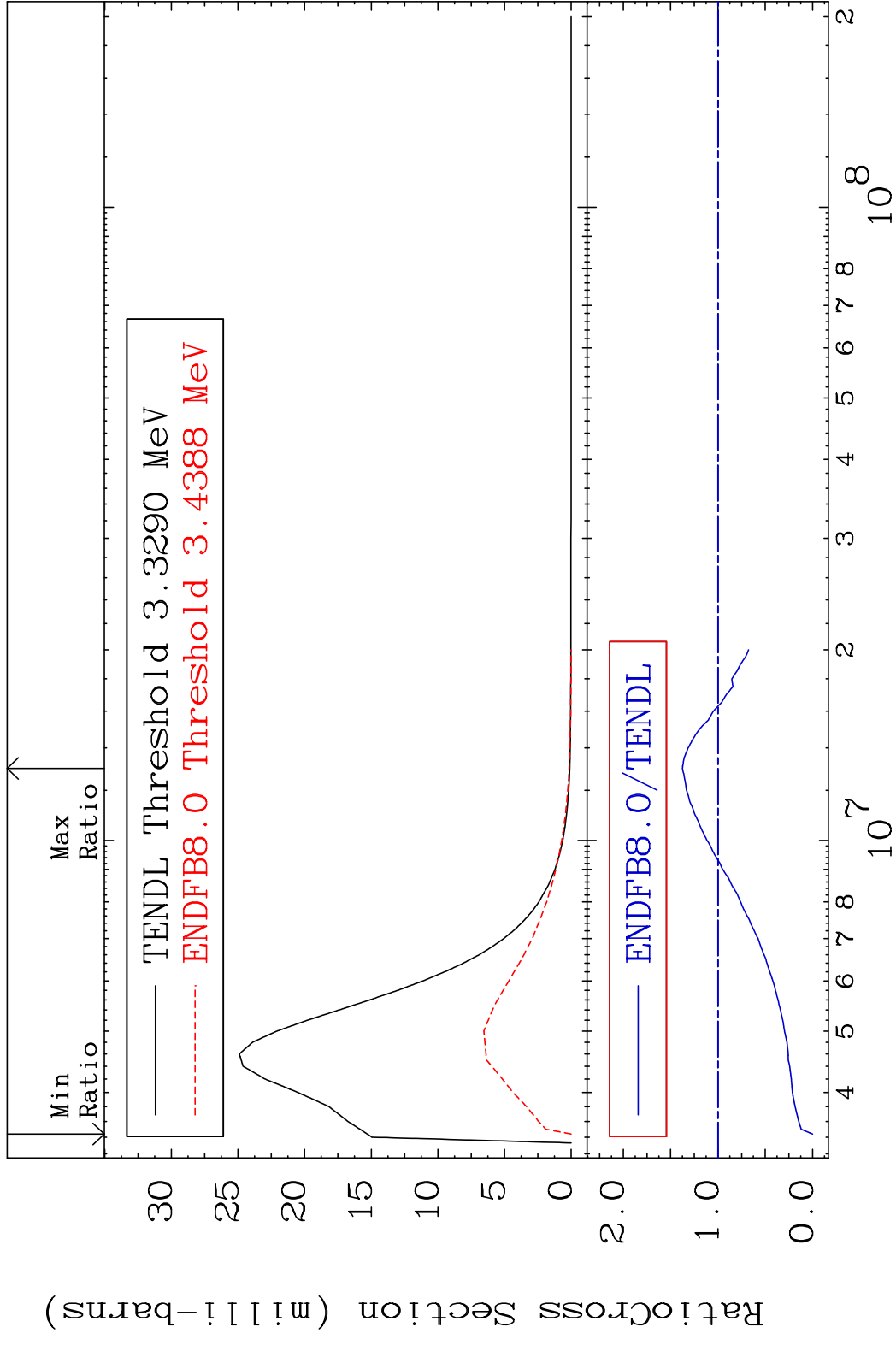
MAT 2328 MT= 67 (n, n') Level 23-V -51
 Cross Section -100.0 To 2390. %



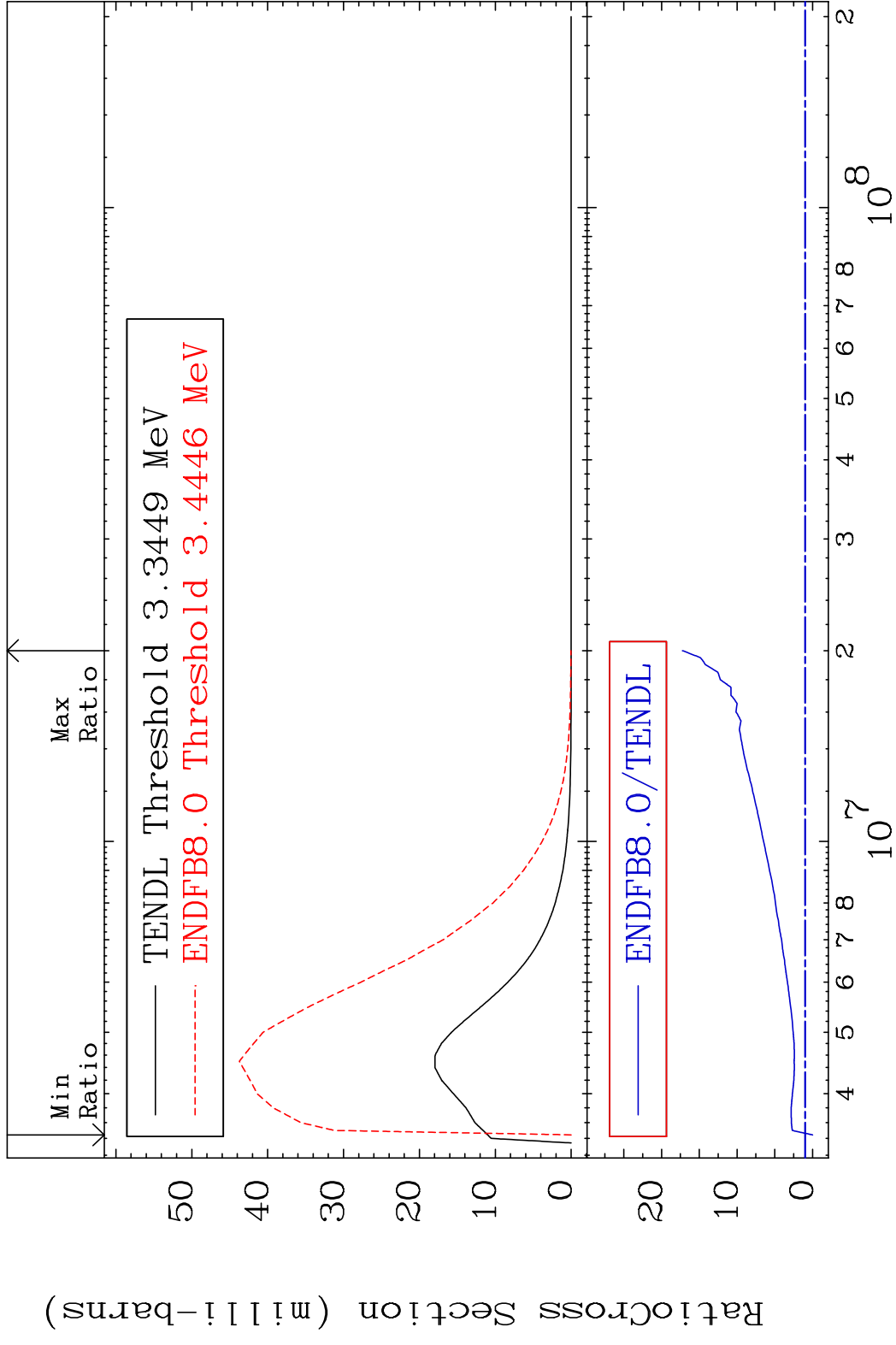
MAT 2328 MT= 68 (n,n') Level 23-V -51
 Cross Section -100.0 To 2396. %



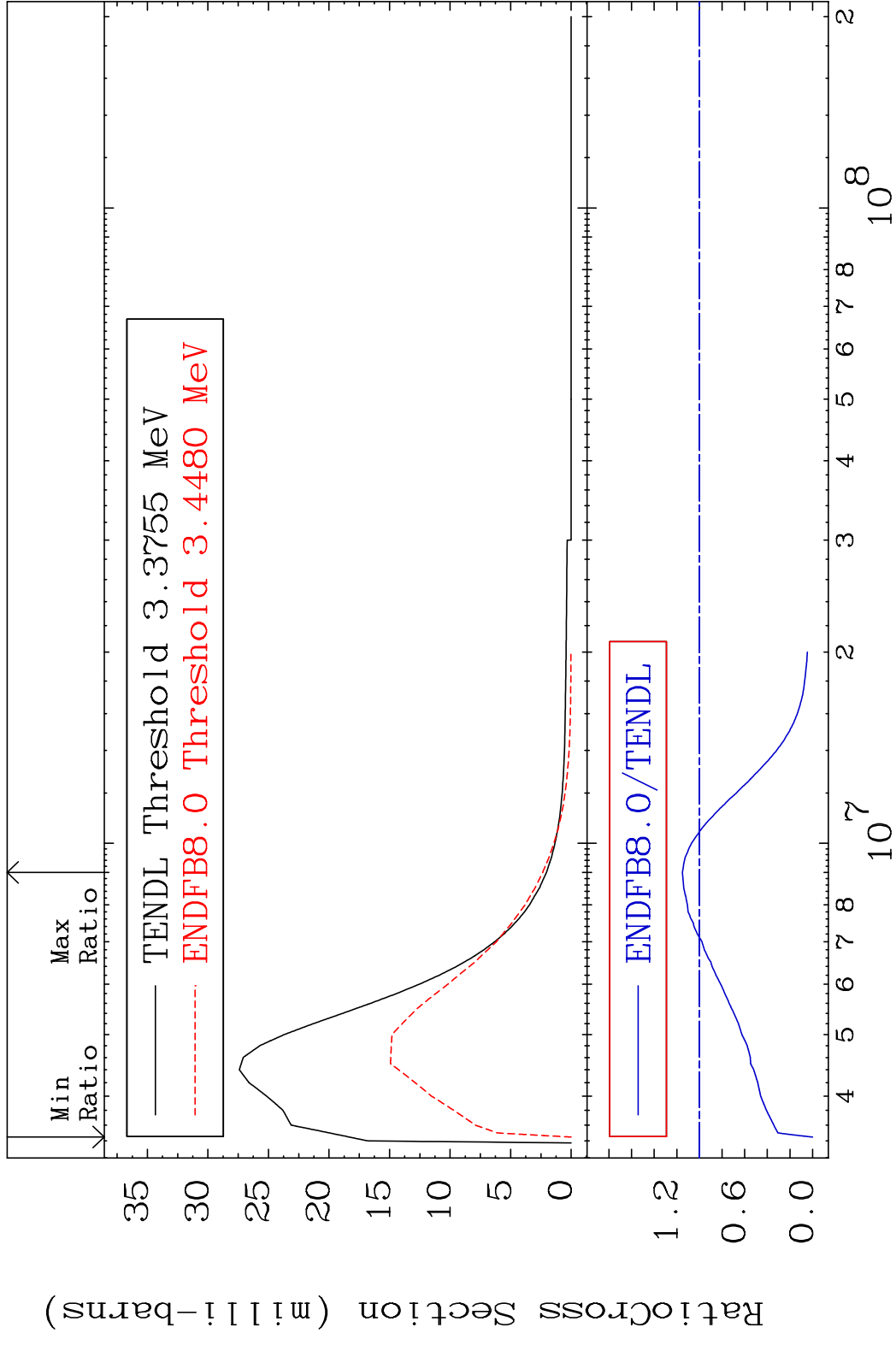
MAT 2328 MT= 69 (n, n') Level 23-V -51
 Cross Section -100.0 To 37.62 %



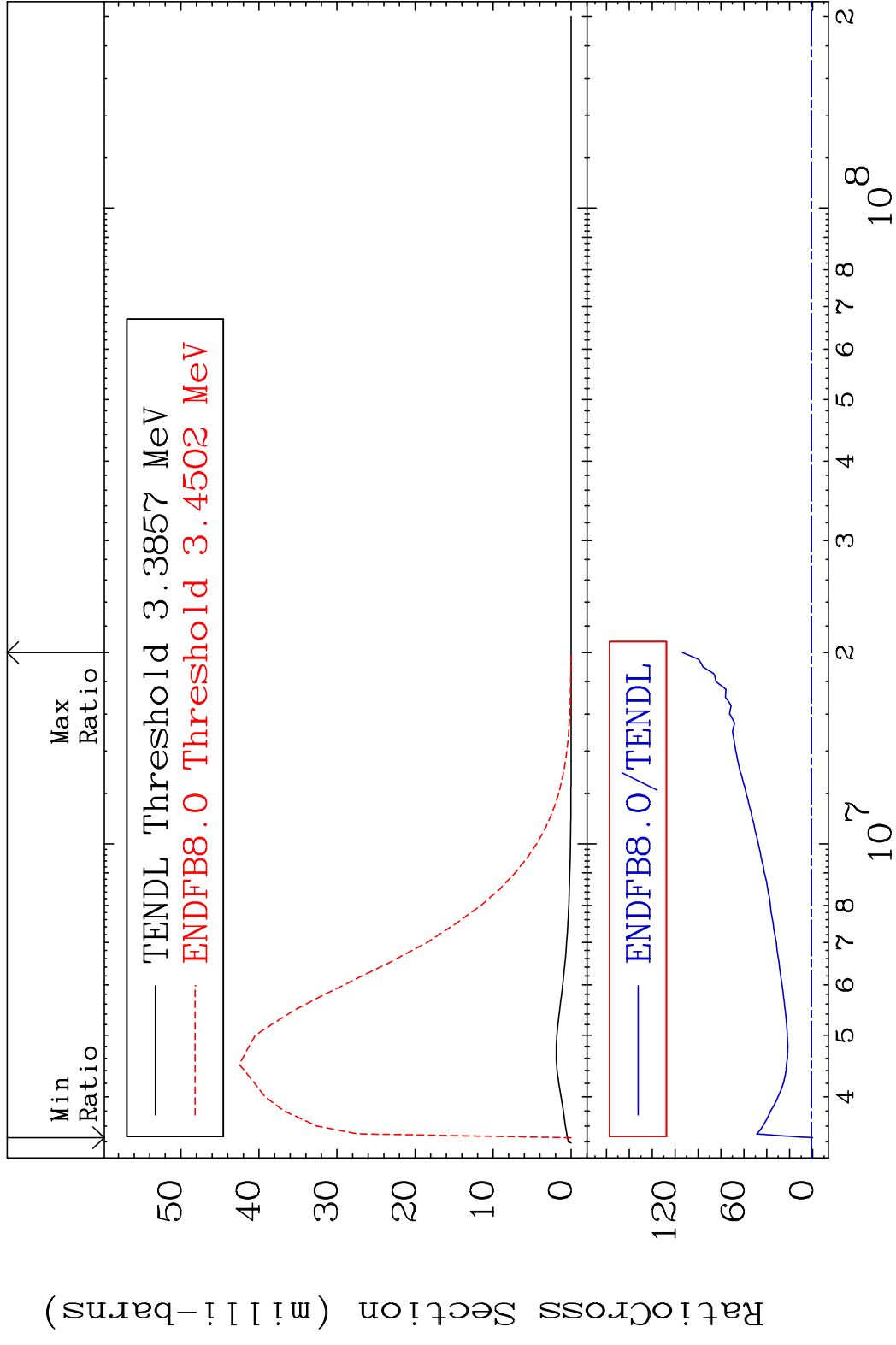
MAT 2328 MT= 70 (n,n') Level 23-V -51
 Cross Section -100.0 To 1624. %



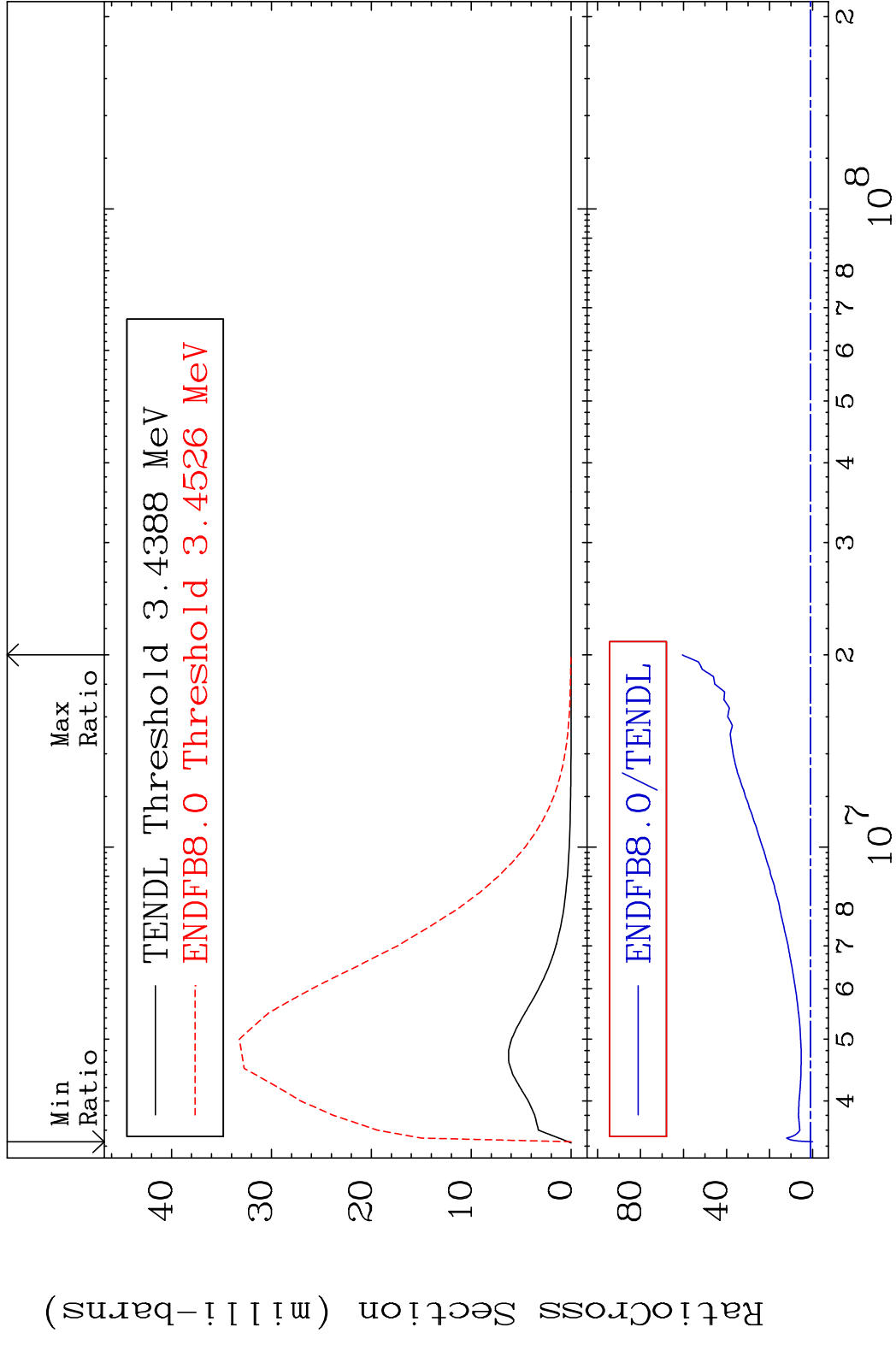
MAT 2328 MT= 71 (n,n') Level 23-V -51
 Cross Section -100.0 To 15.09 %



MAT 2328 MT= 72 (n,n') Level 23-V -51
 Cross Section -100.0 To 9999. %

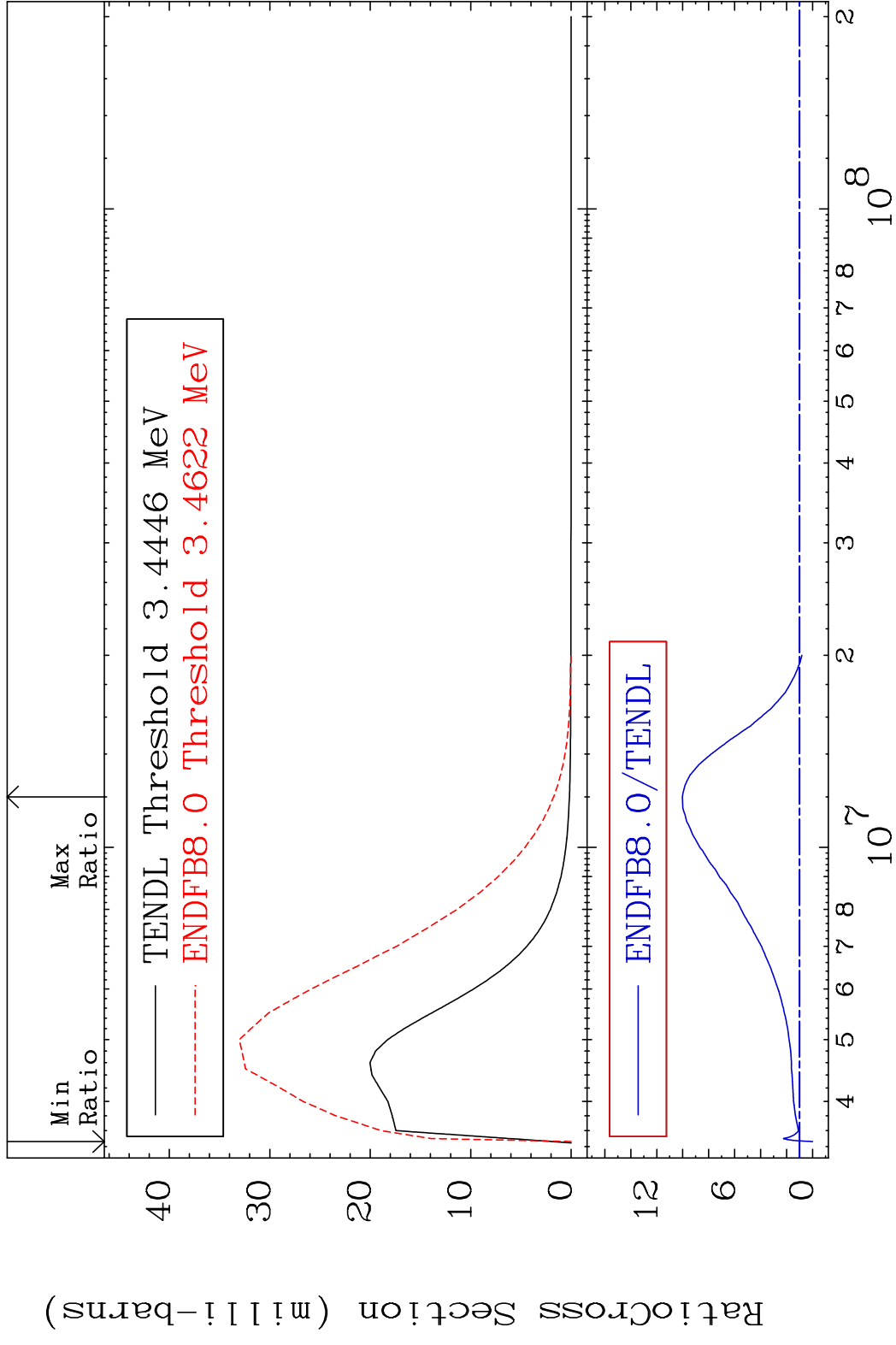


MAT 2328 MT= 73 (n, n') Level 23-V -51
 Cross Section -100.0 To 5955. %

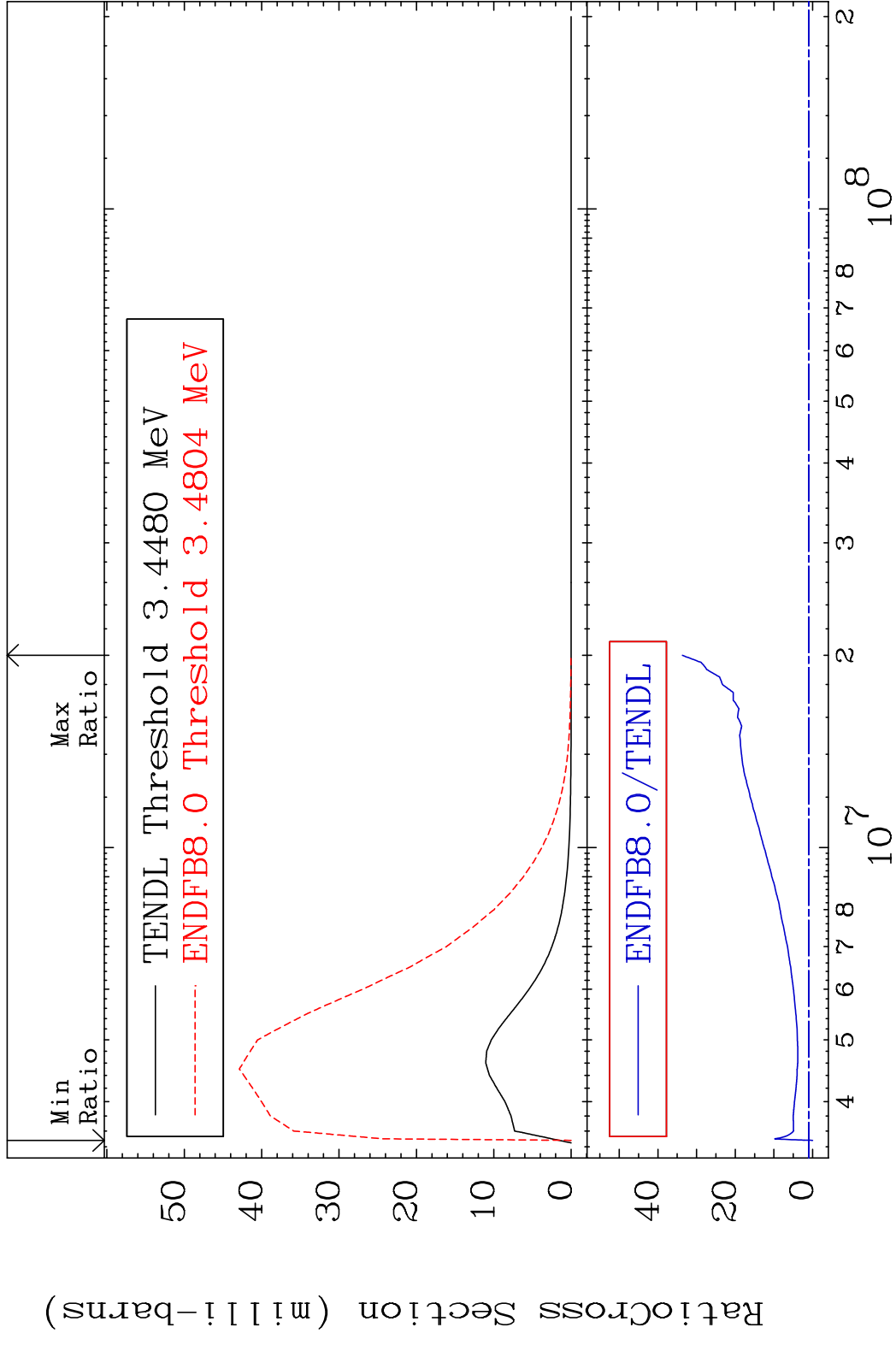


30 Incident Energy (eV) 23-V -51

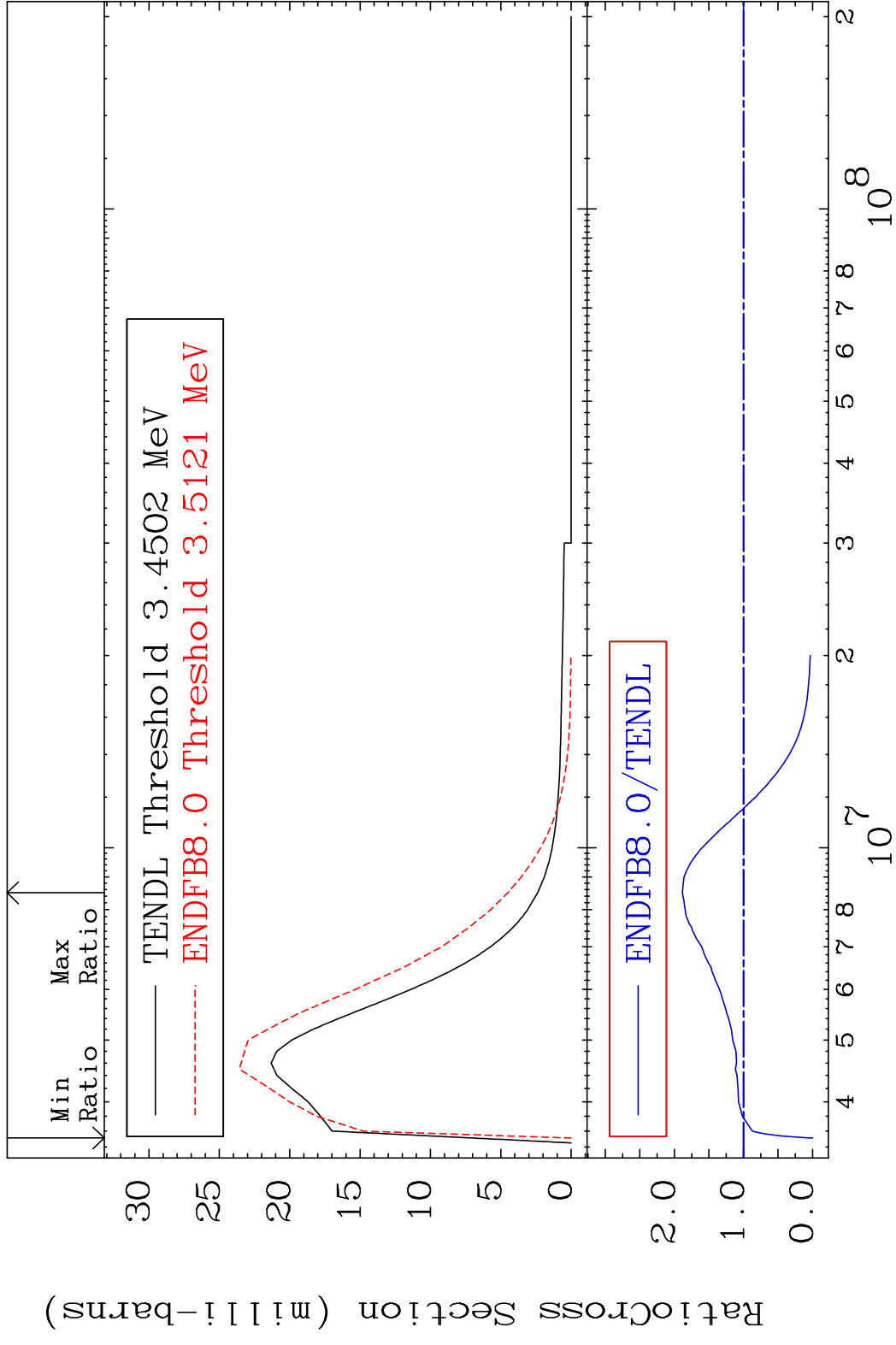
MAT 2328 MT= 74 (n,n') Level 23-V -51
 Cross Section -100.0 To 902.7 %



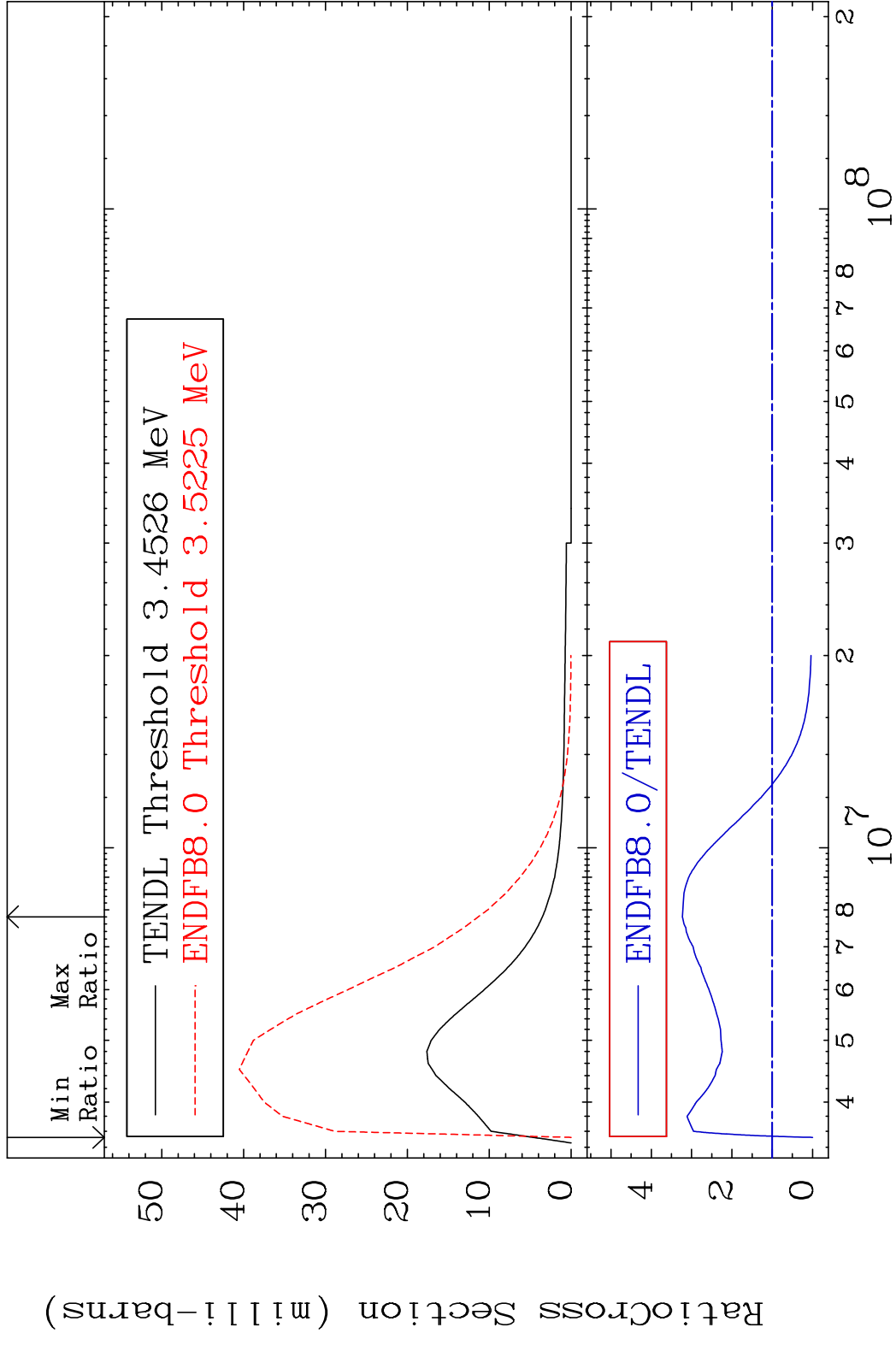
MAT 2328 MT= 75 (n,n') Level 23-V -51
 Cross Section -100.0 To 3268. %



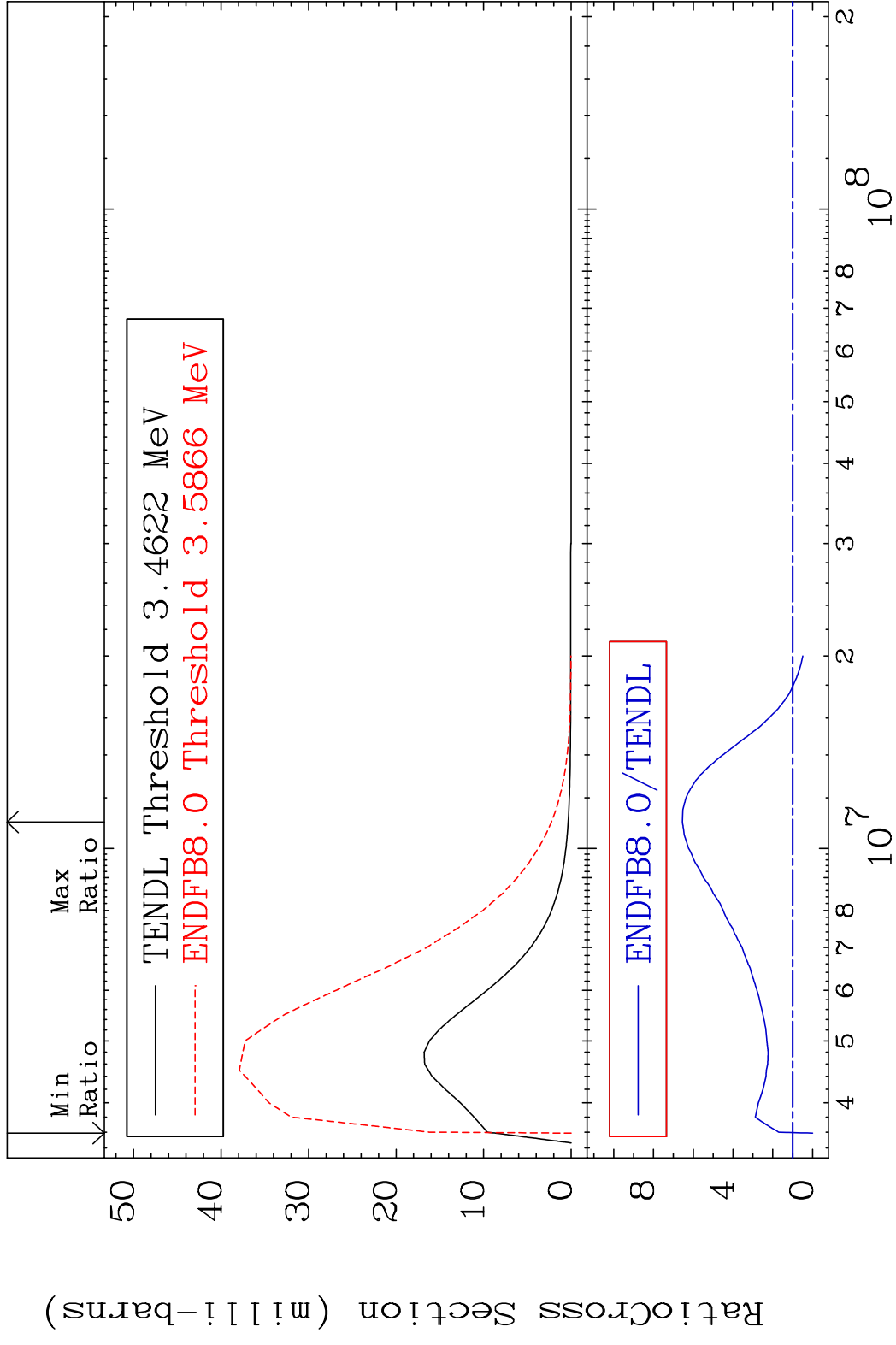
MAT 2328 MT= 76 (n,n') Level 23-V -51
 Cross Section -100.0 To 88.46 %



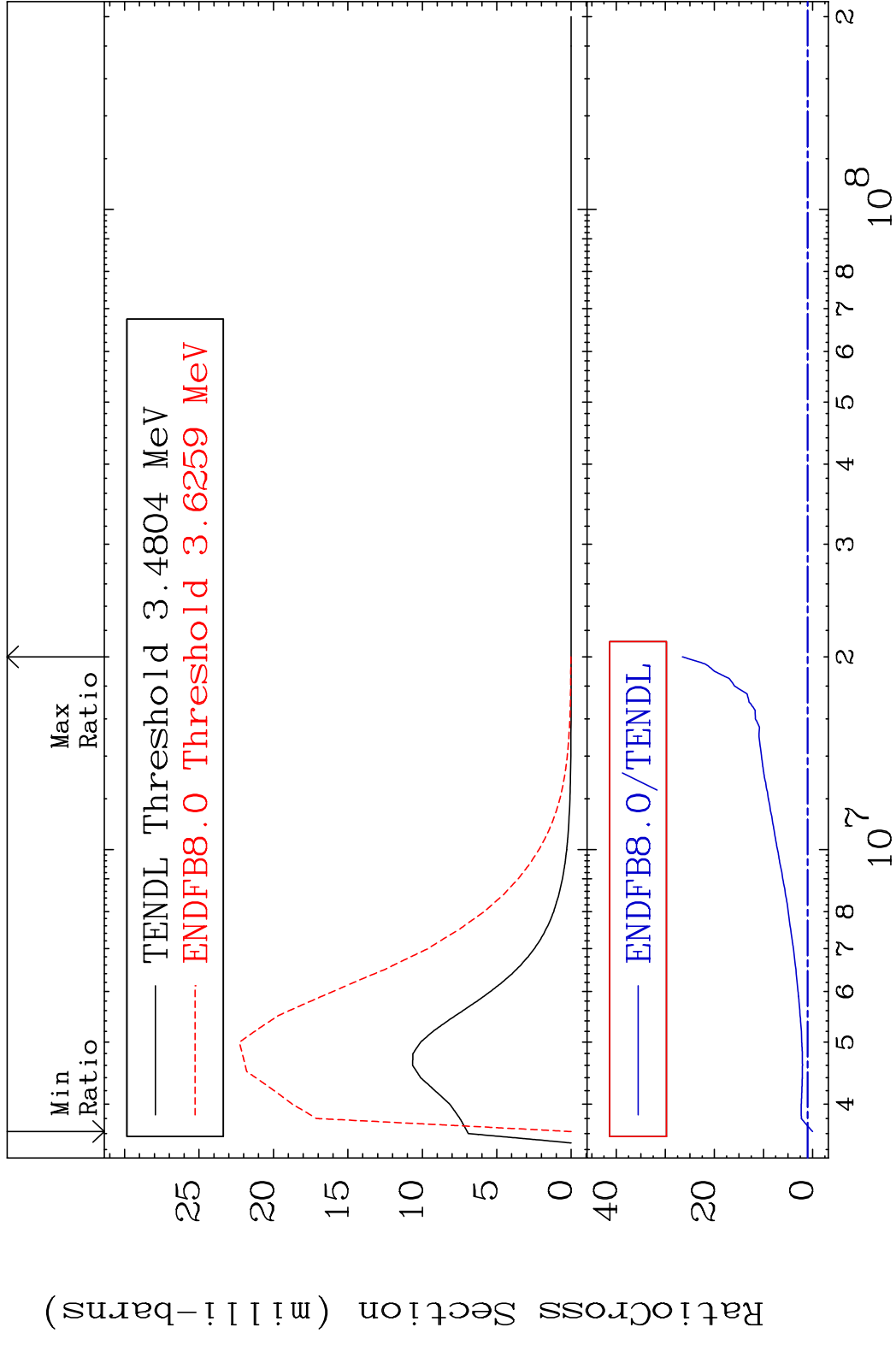
MAT 2328 MT= 77 (n,n') Level 23-V -51
 Cross Section -100.0 To 223.0 %



MAT 2328 MT= 78 (n,n') Level 23-V -51
 Cross Section -100.0 To 554.8 %

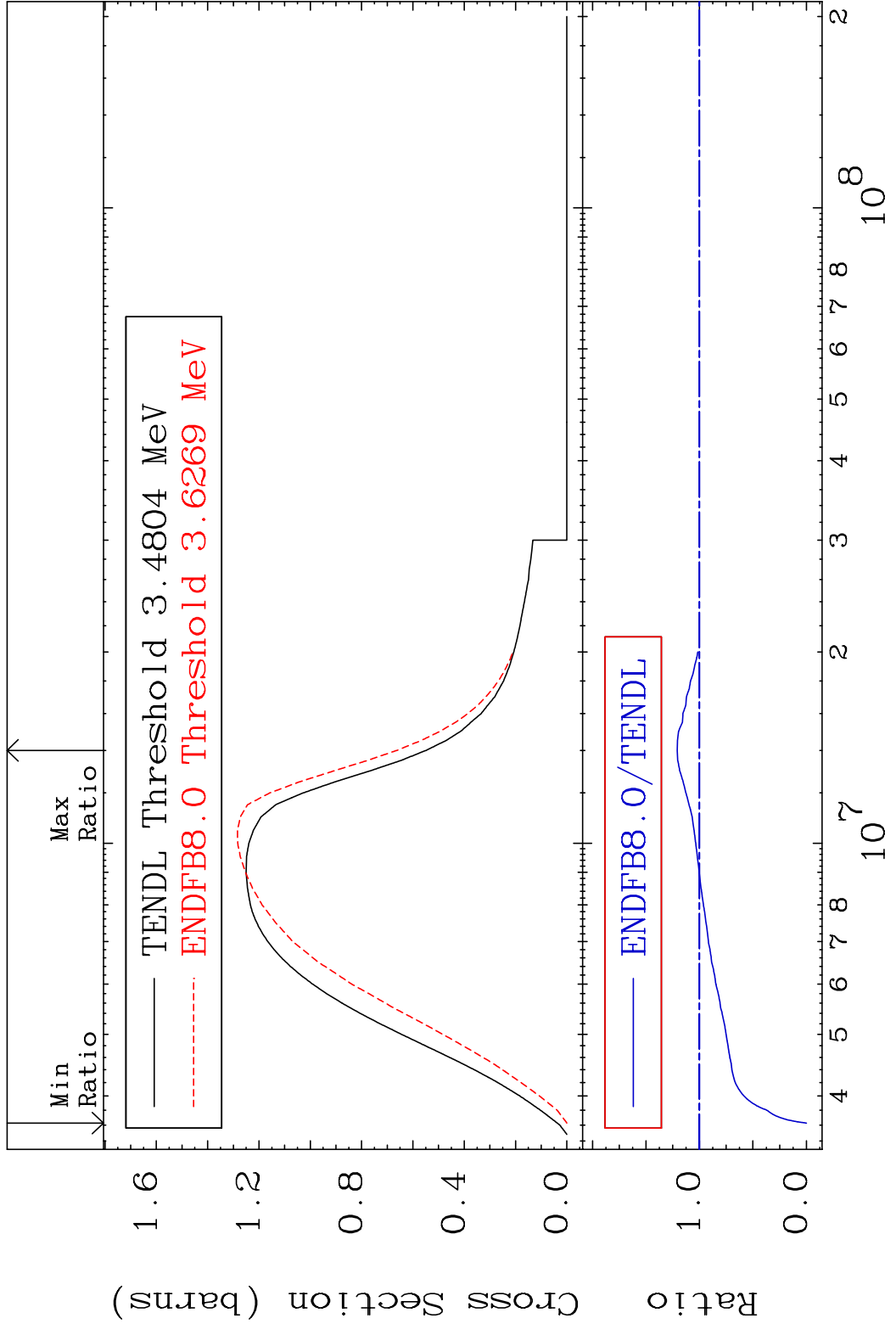


MAT 2328 MT= 79 (n,n') Level 23-V -51
 Cross Section -100.0 To 2554. %



MAT 2328

(n,n') Continuum 23-V -51
Cross Section -100.0 To 20.81 %

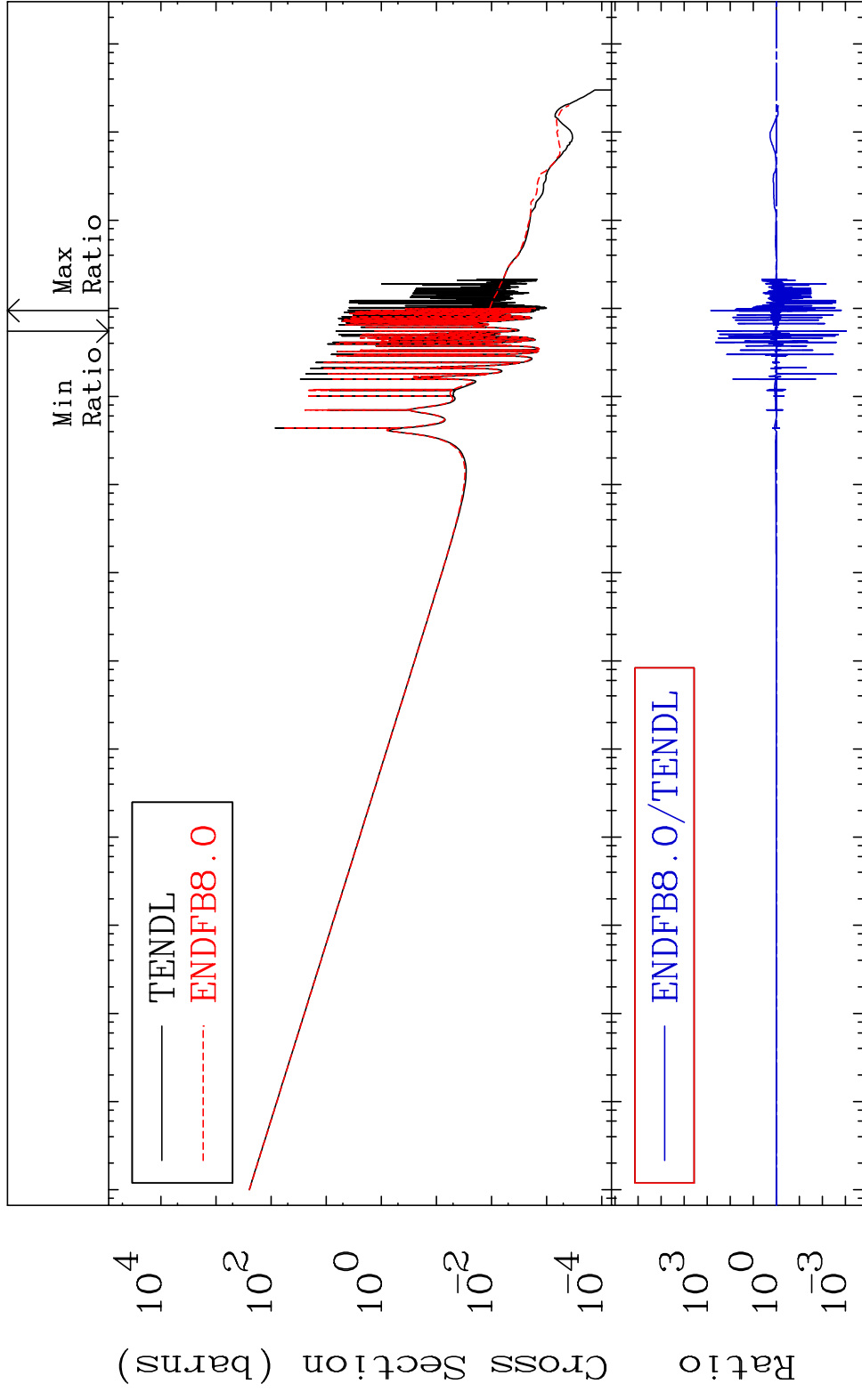


MAT 2328

(n, γ)

23-V -51

Cross Section -99.91 To 9999. %

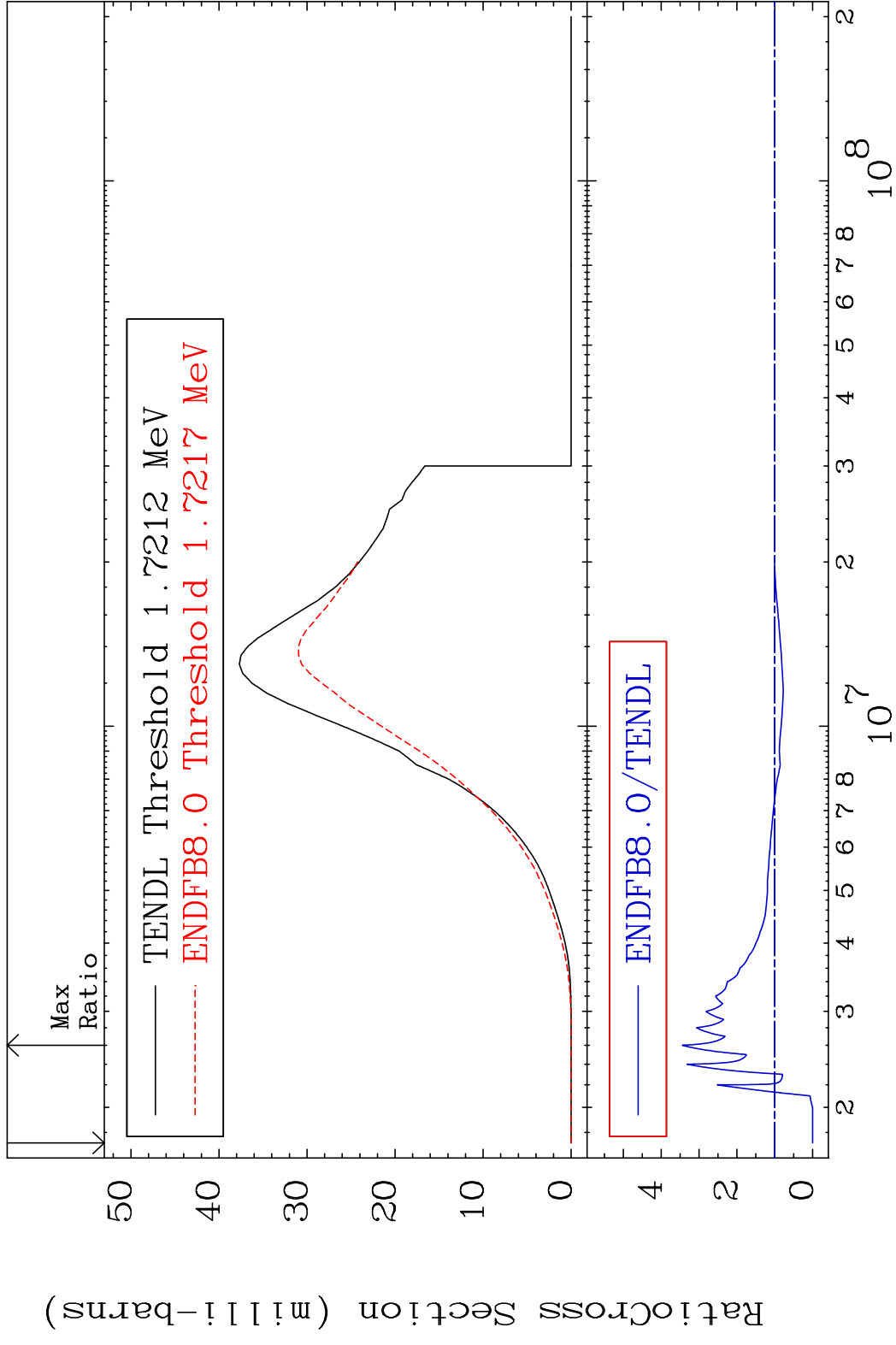


38

Incident Energy (eV)

23-V -51

MAT 2328 (n,p) 23-V -51
 Cross Section -100.0 To 244.2 %



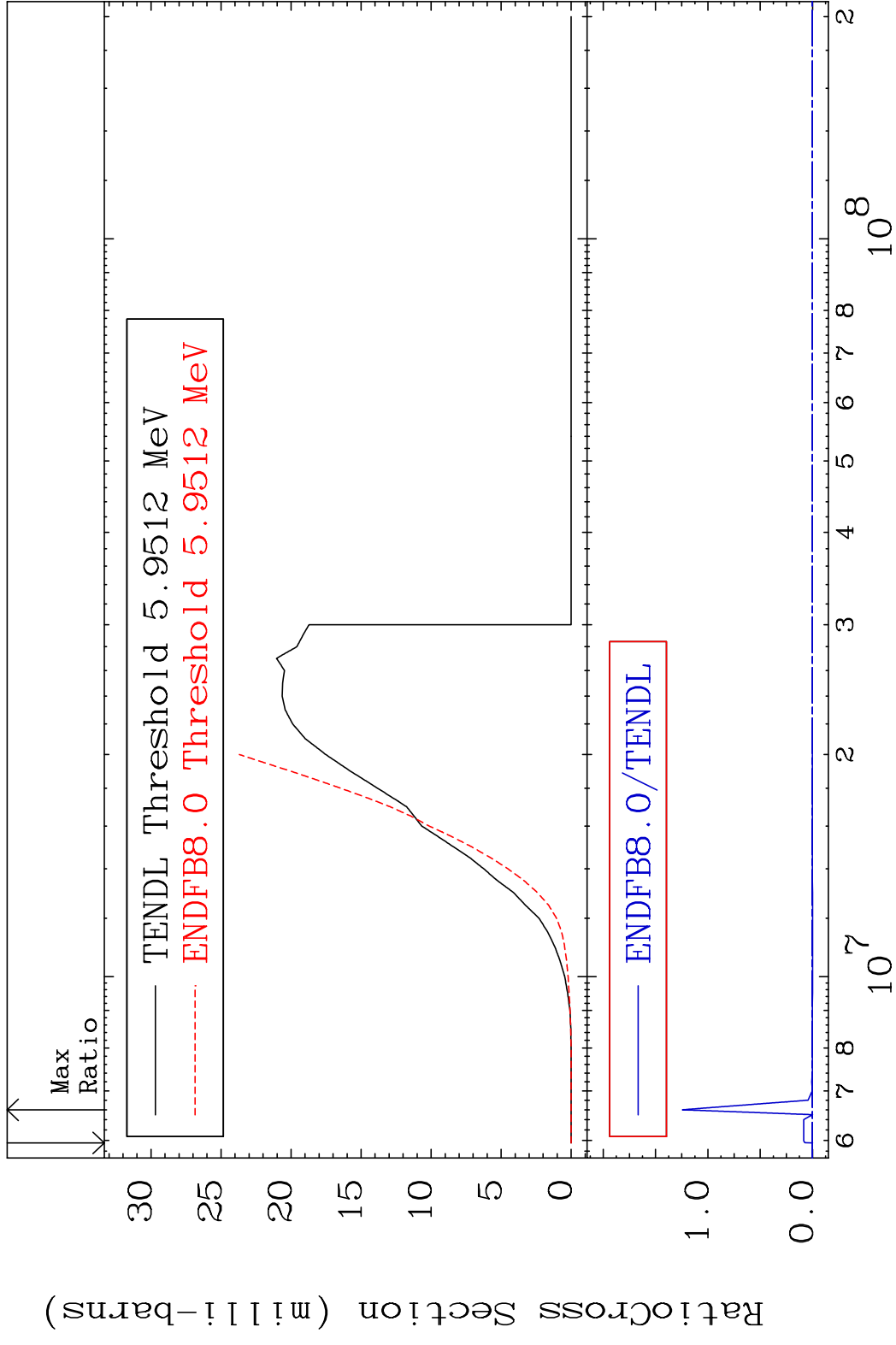
39 Incident Energy (eV) 23-V -51

MAT 2328

(n,d)

23-V -51

Cross Section -100.0 To 9999. %

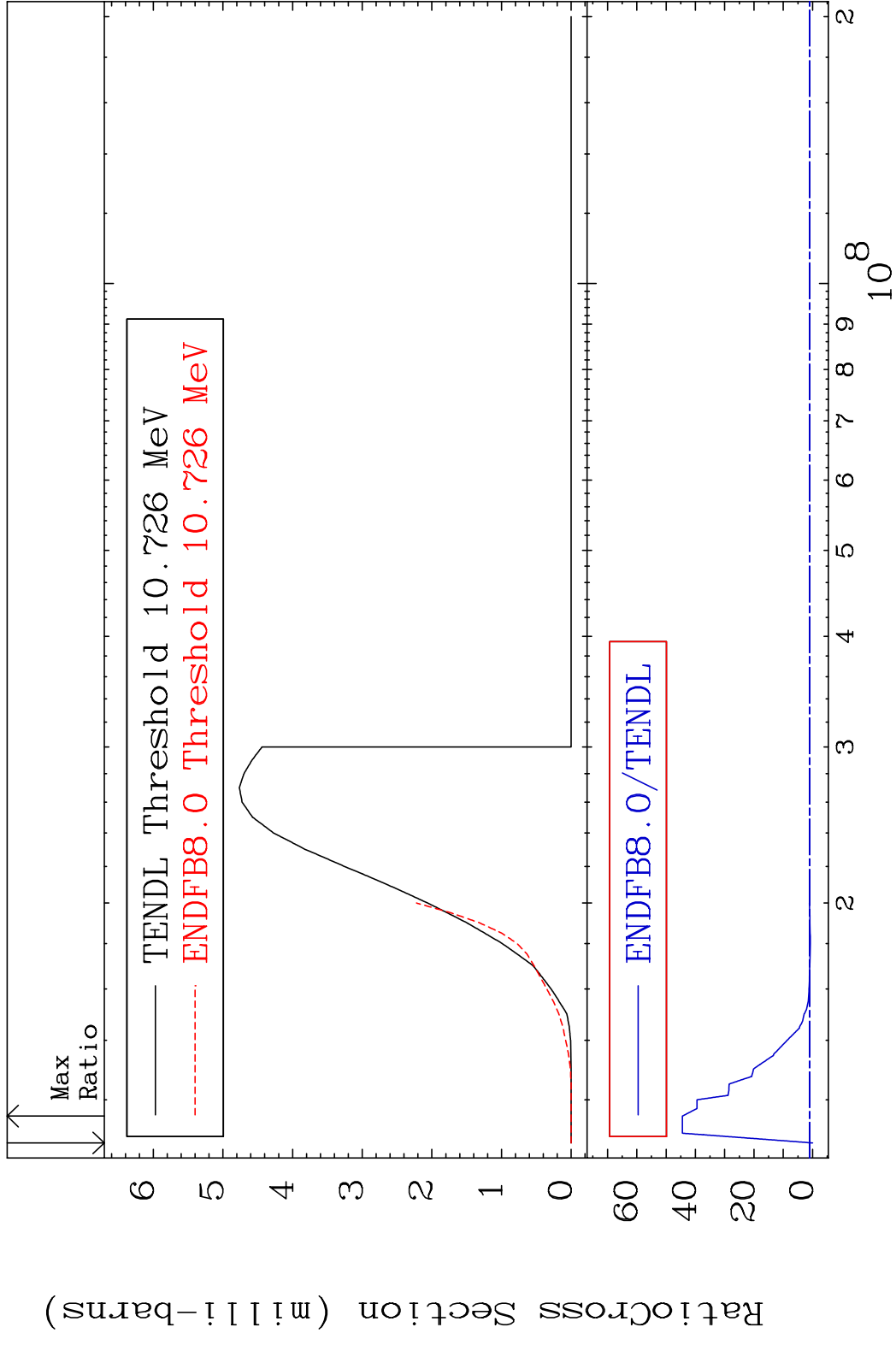


40

Incident Energy (eV)

23-V -51

MAT 2328 (n, t) 23-V -51
 Cross Section -100.0 To 4345. %

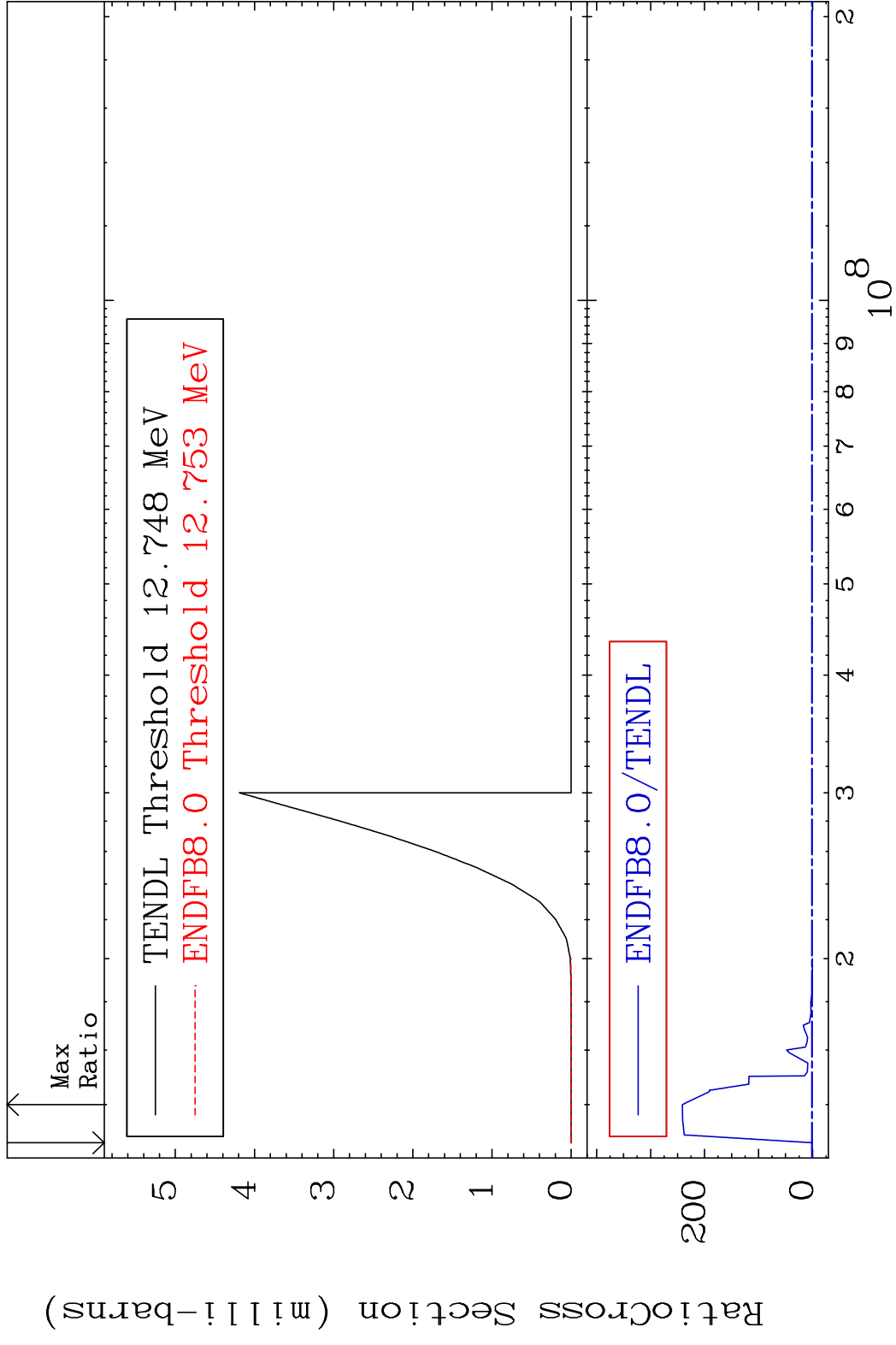


MAT 2328

(n, He-3)

23-V -51

Cross Section -100.0 To 9999. %

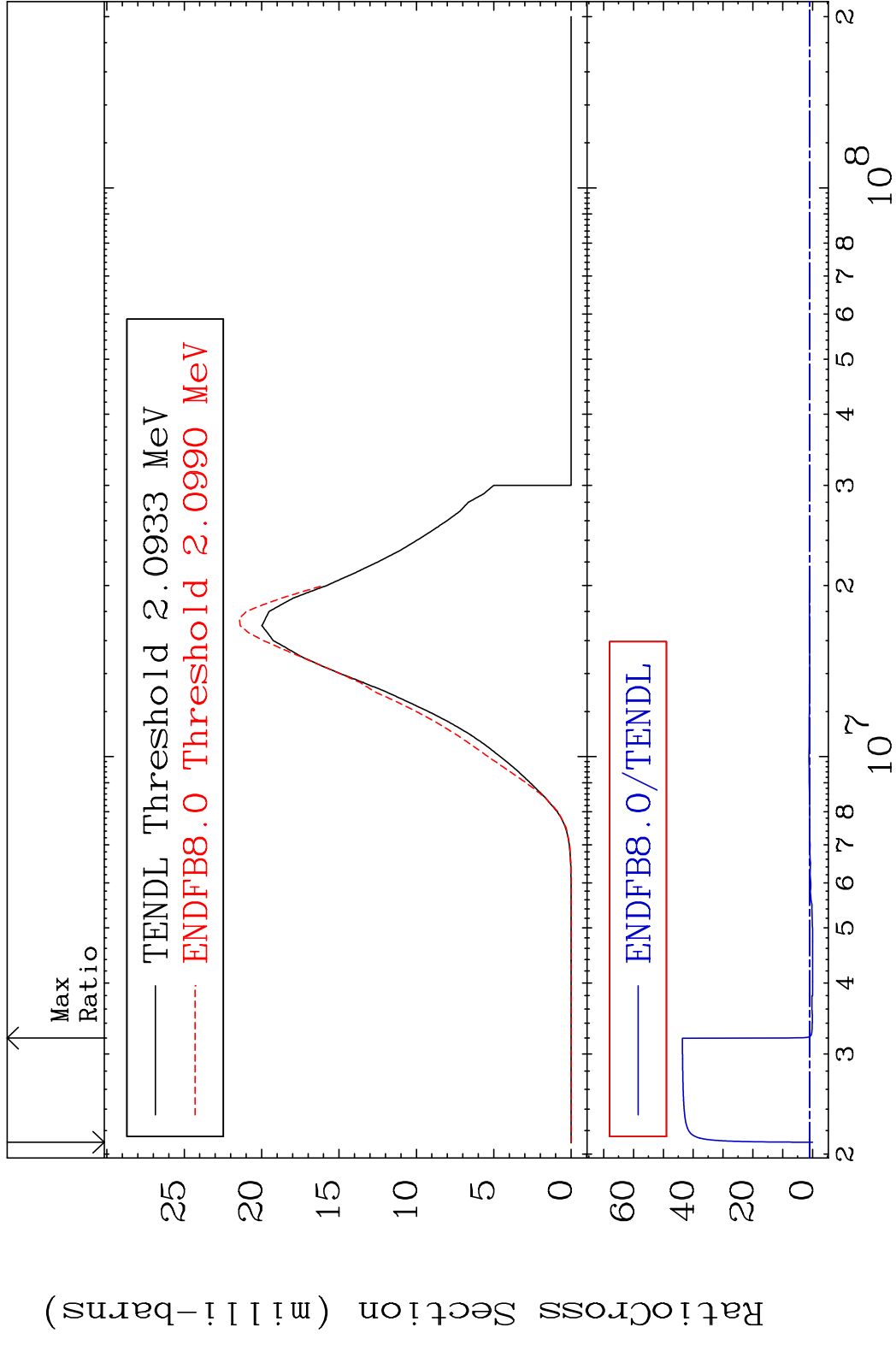


42

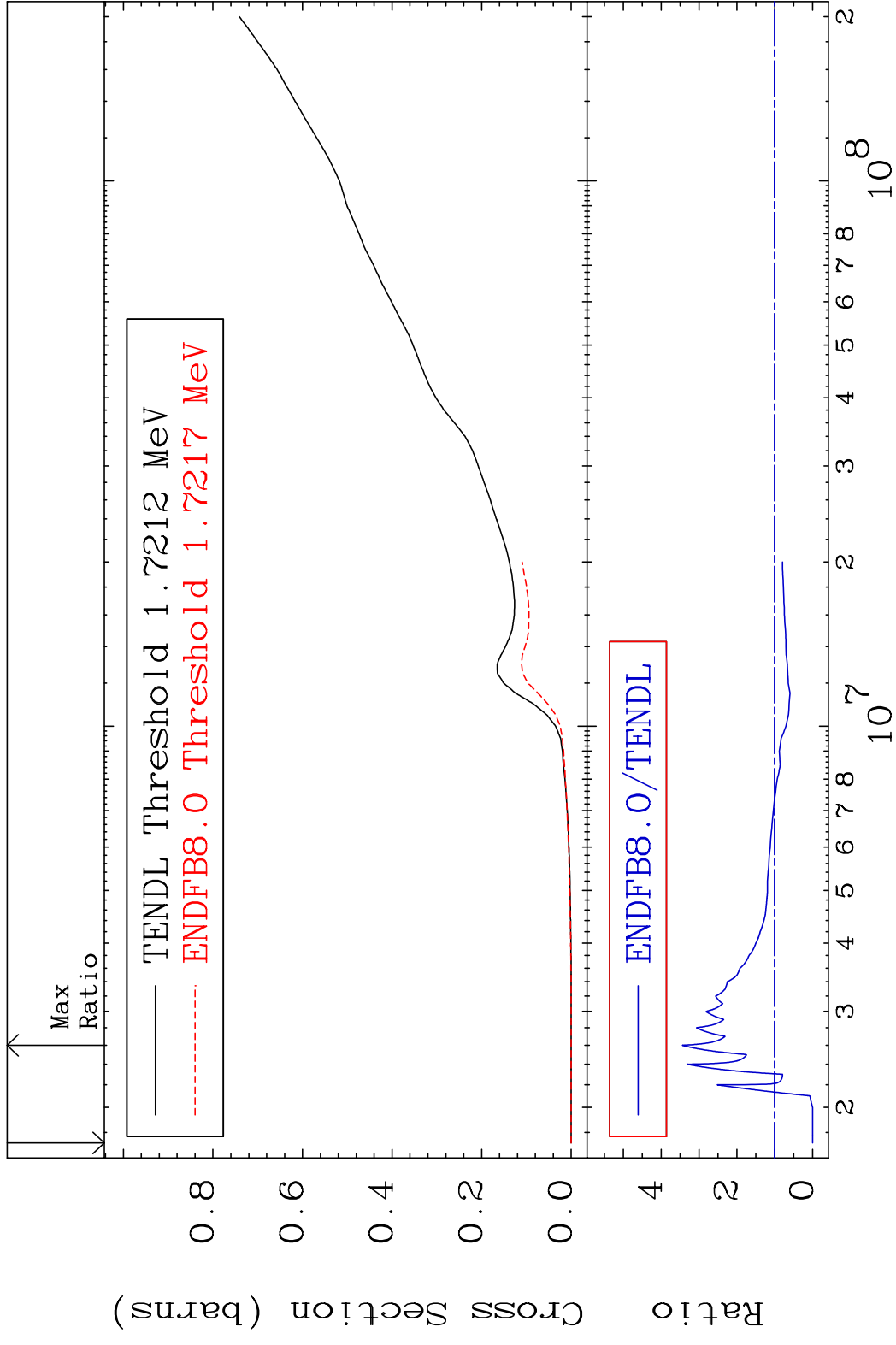
Incident Energy (eV)

23-V -51

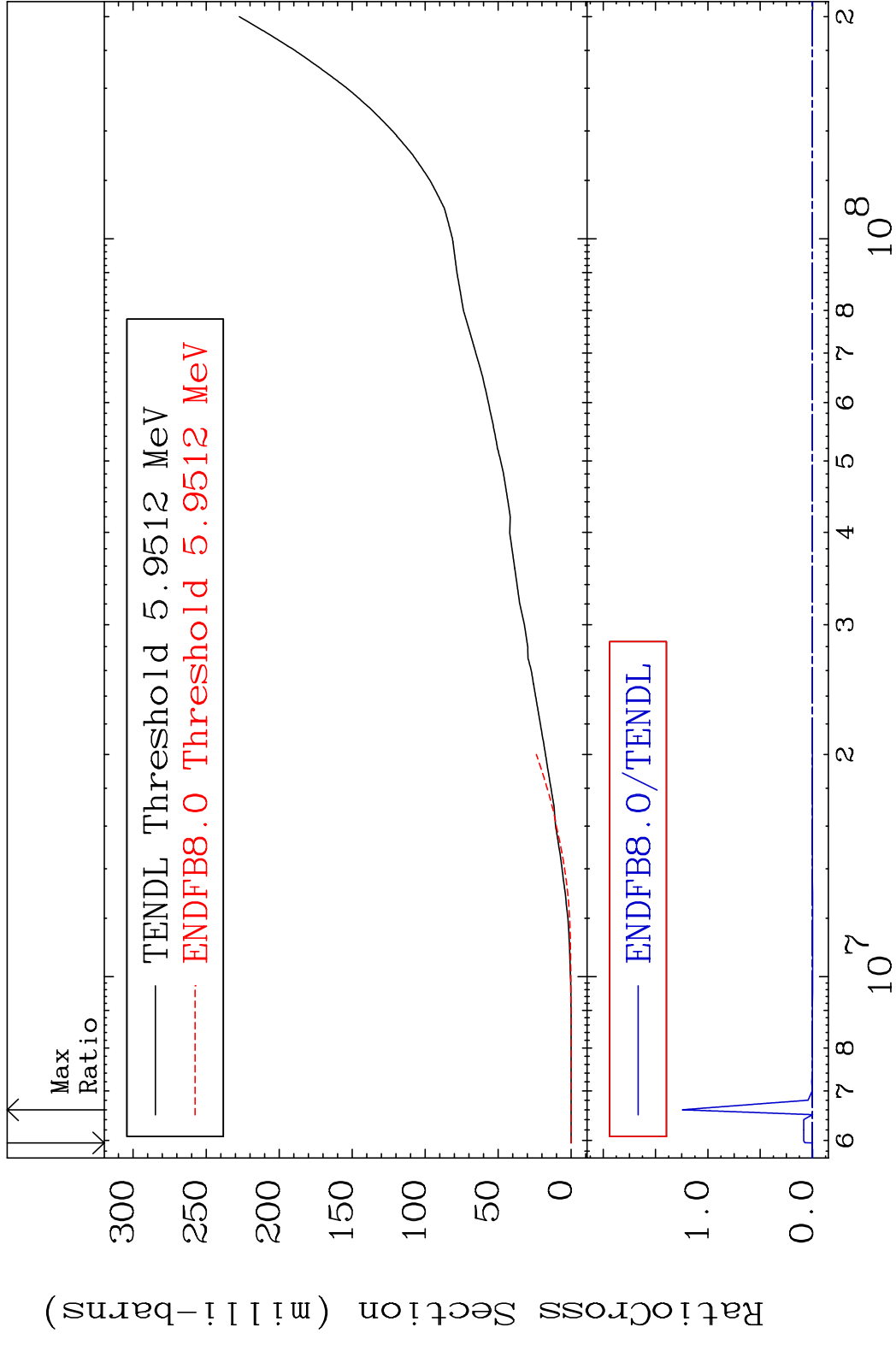
MAT 2328 (n,α) 23-V -51
 Cross Section -100.0 To 4264. %



MAT 2328 Hydrogen Production 23-V -51
 Cross Section -100.0 To 244.2 %

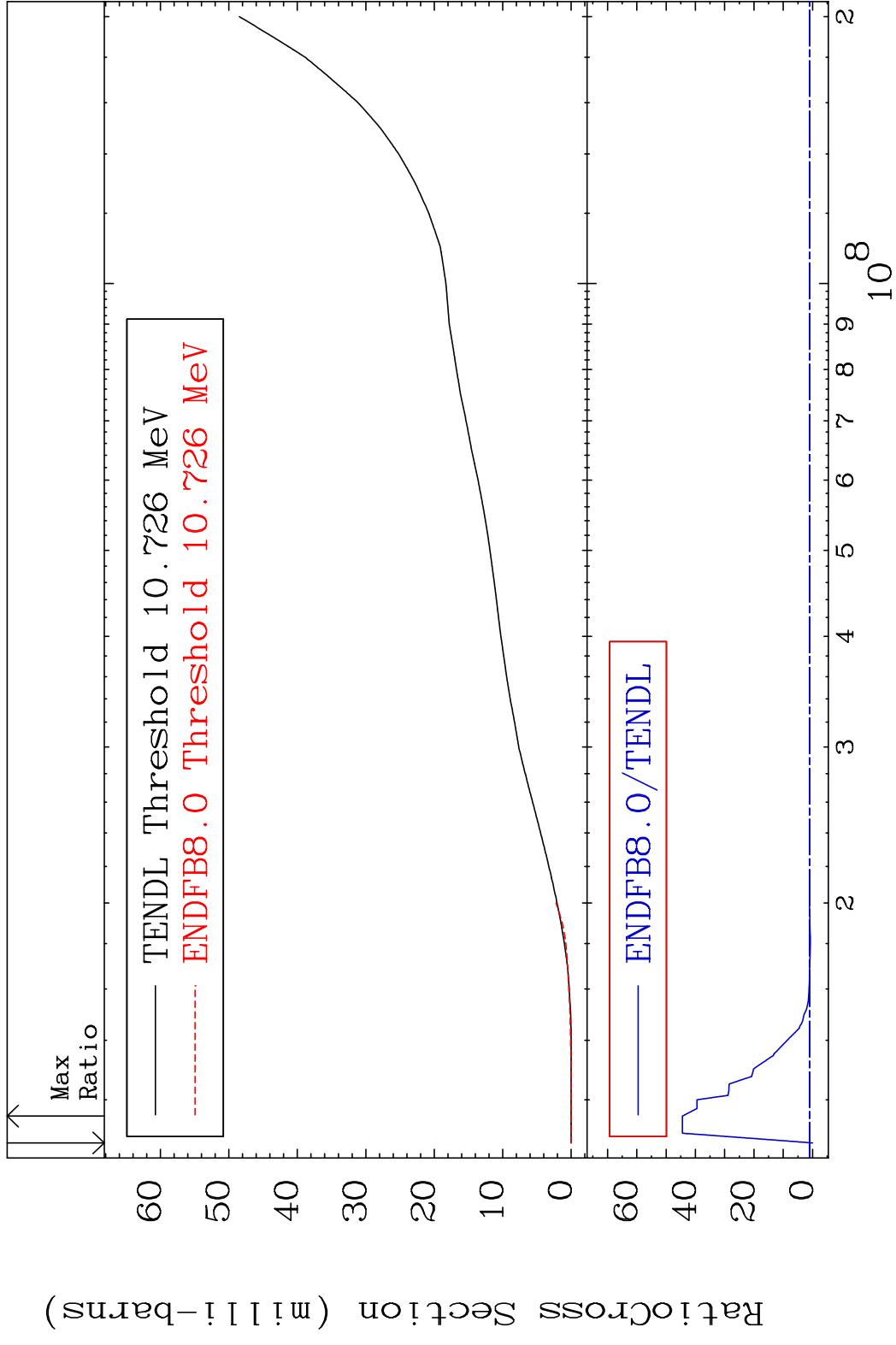


MAT 2328 Deuterium Production 23-V -51
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 23-V -51

MAT 2328 Tritium Production 23-V -51
 Cross Section -100.0 To 4345. %

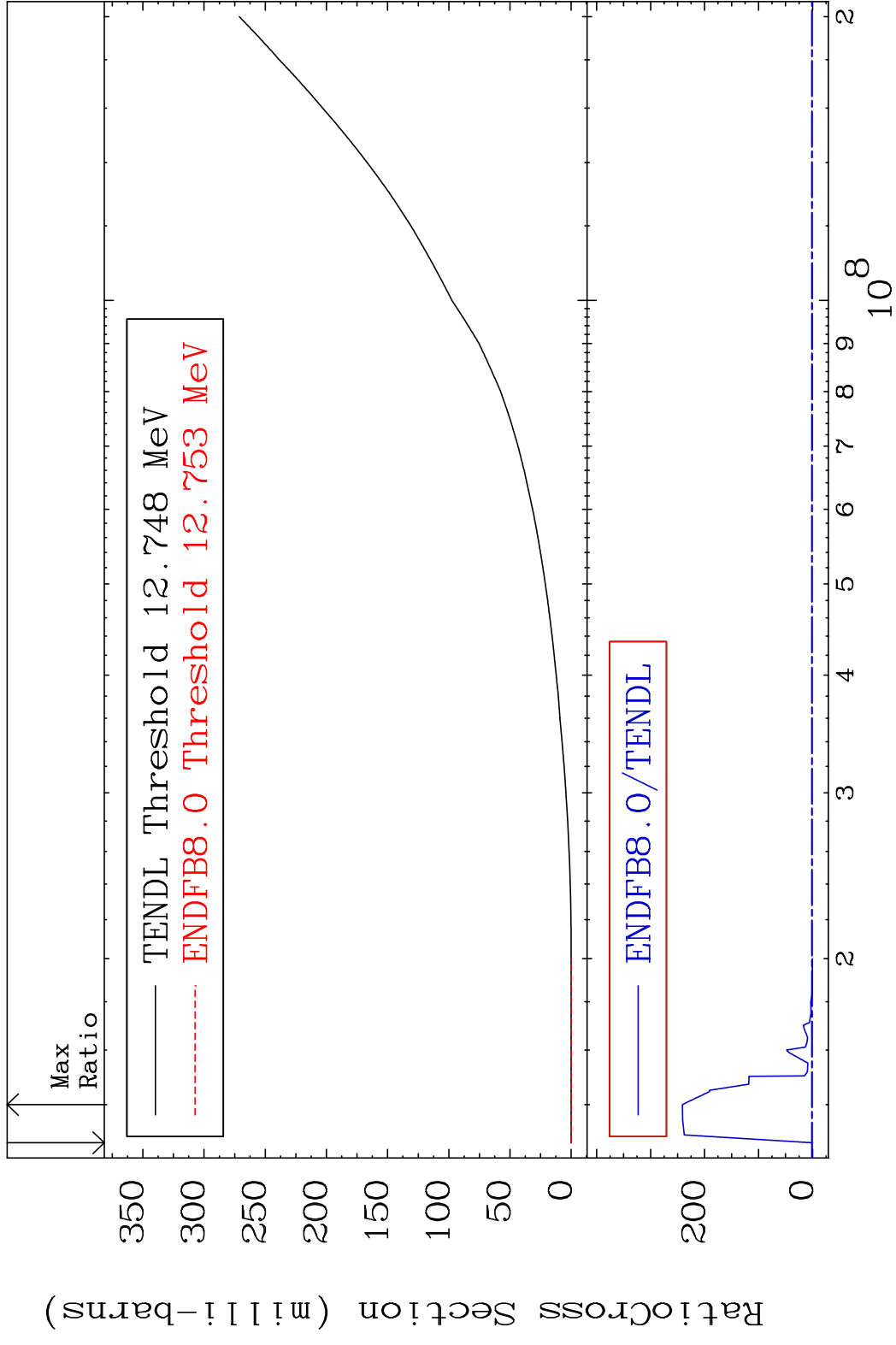


MAT 2328

He-3 Production

23-V -51

Cross Section -100.0 To 9999. %

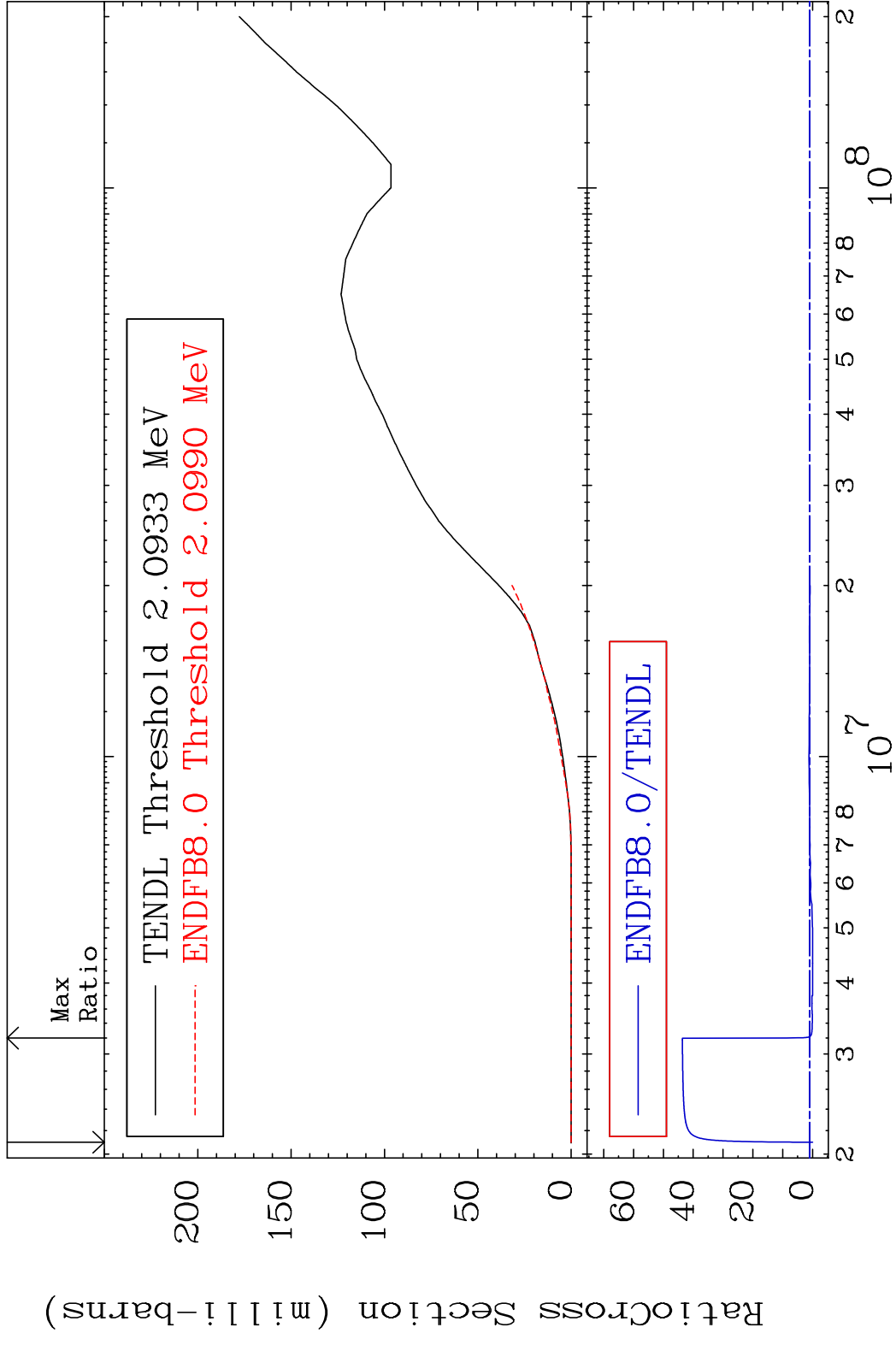


MAT 2328

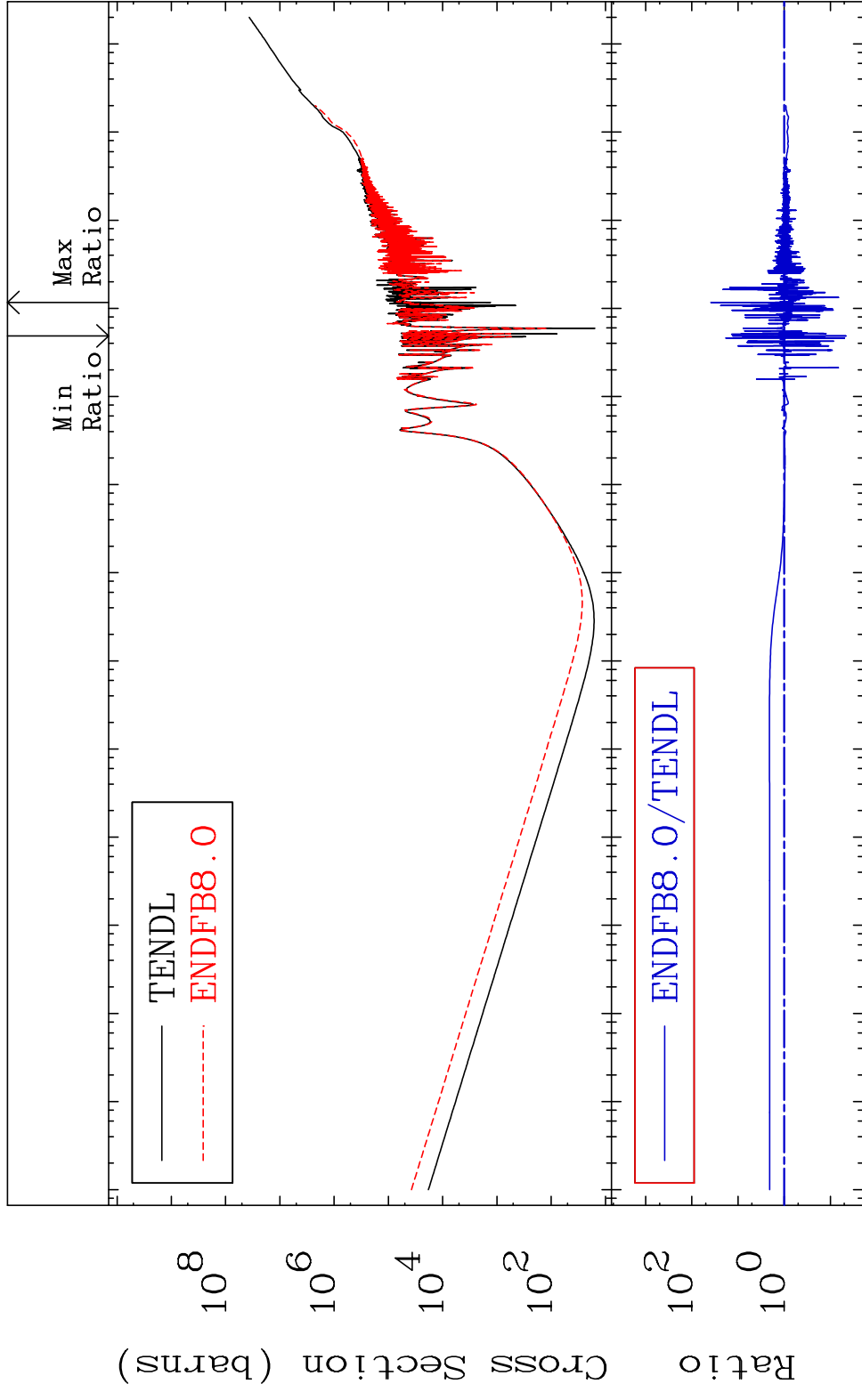
He-4 Production

23-V -51

Cross Section -100.0 To 4264. %



MAT 2328 Kerma total (eV-barns) 23-V -51
 Cross Section -95.49 To 3801. %

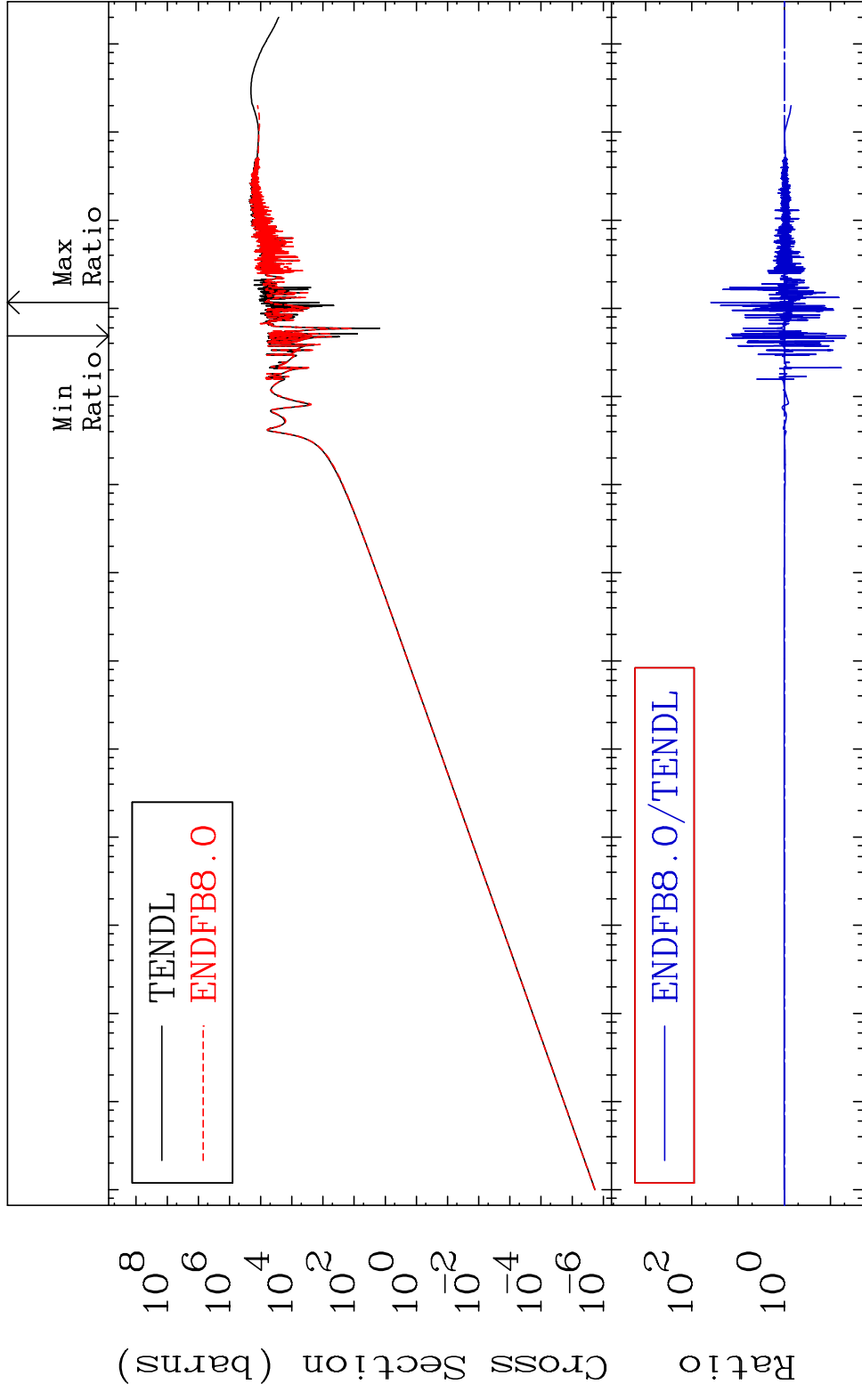


49 Incident Energy (eV) 23-V -51

MAT 2328

Kerma elastic
Cross Section

23-V -51
-95.46 To 3808. %

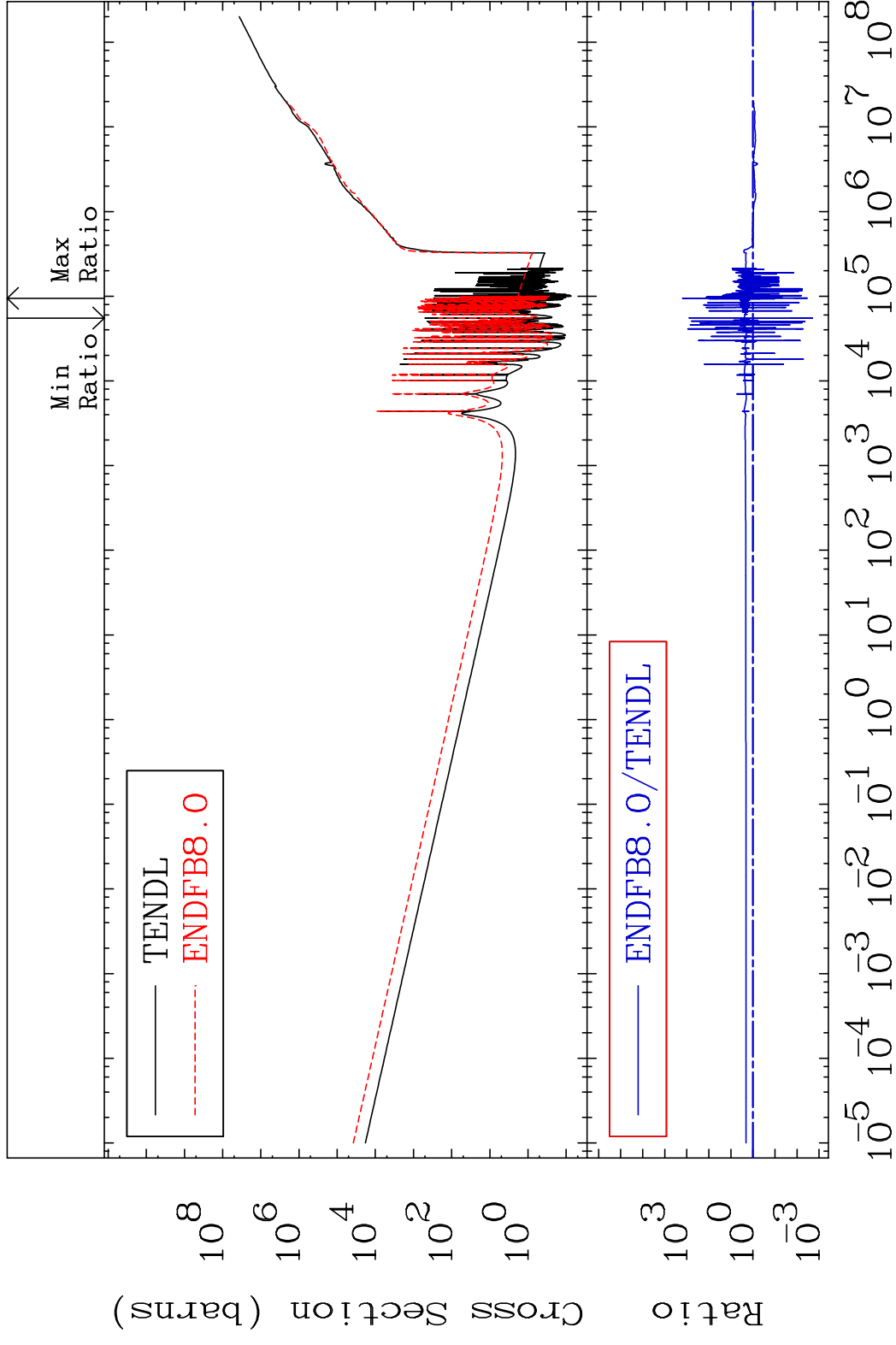


10^8
 10^6
 10^4
 10^2
 10^0
 10^{-2}
 10^{-4}
 10^{-6}
Cross Section (barns)

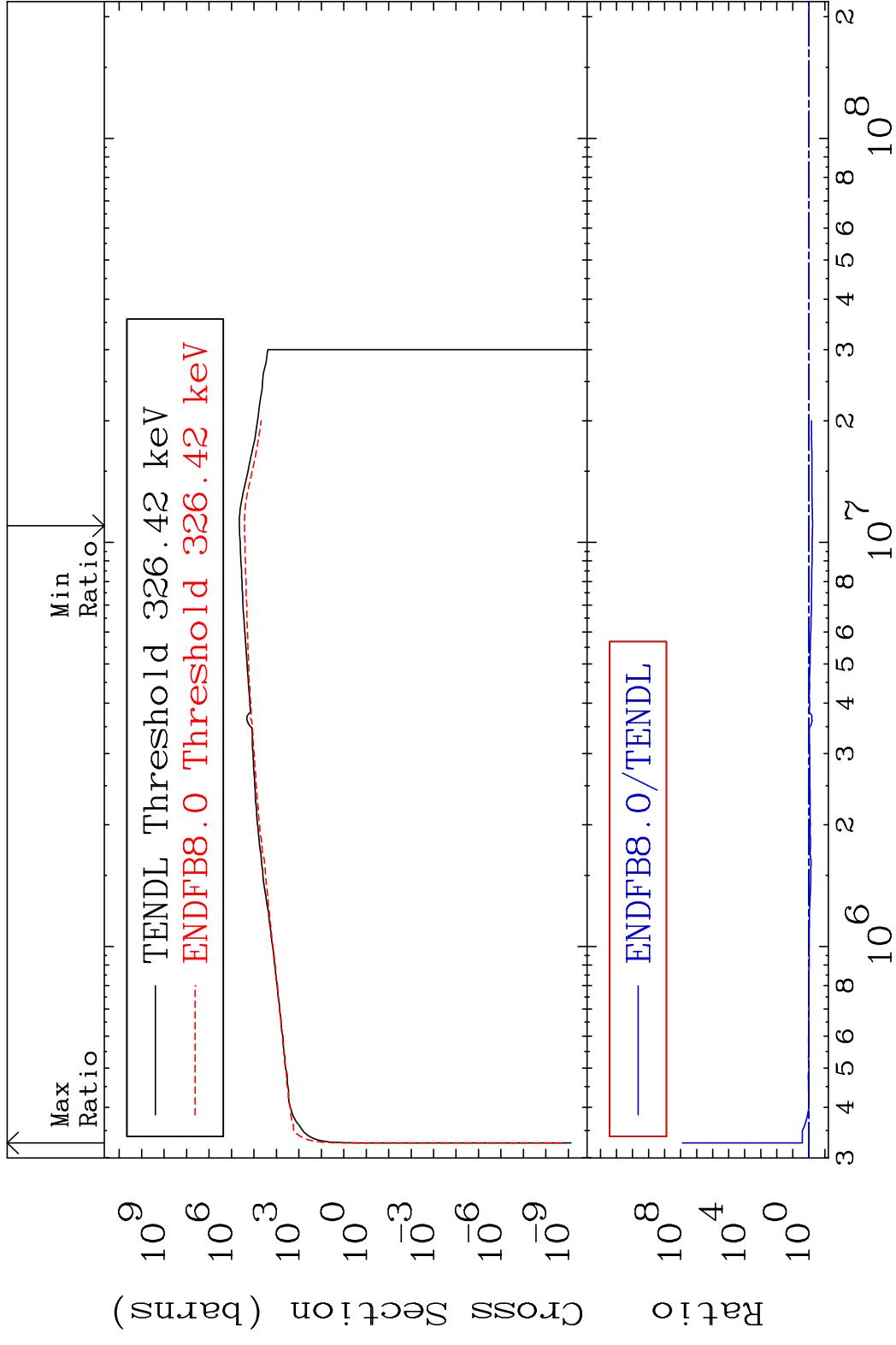
10^2
 10^0
Ratio

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
Incident Energy (eV)

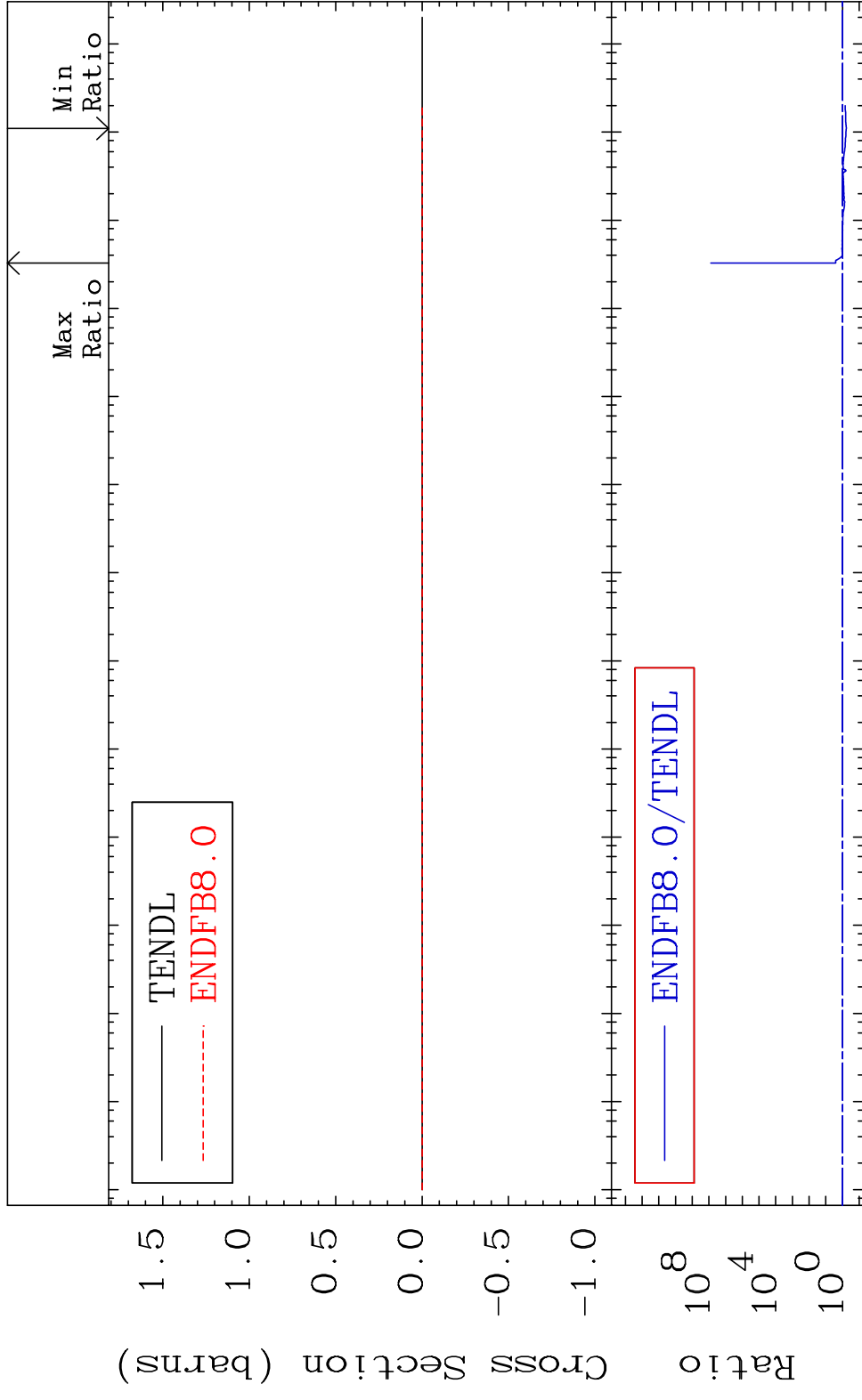
MAT 2328 Kerma non-elastic (all but mt2) 23-V -51
 Cross Section -99.80 To 9999. %



MAT 2328 Kerma inelastic (mt51-91) 23-V -51
 Cross Section -41.28 To 9999. %

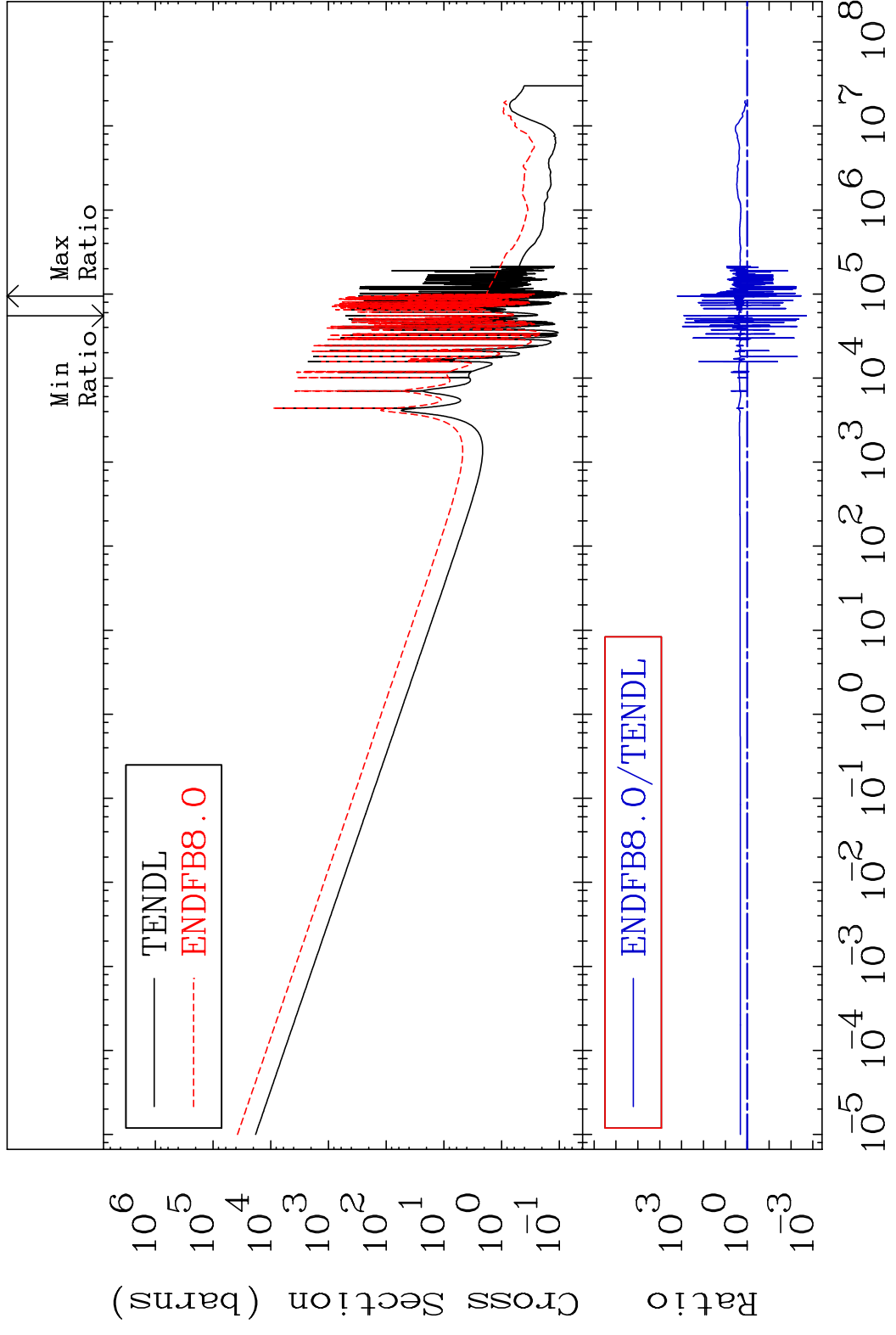


MAT 2328 Kerma fission (mt18 or mt19-20-21-38) 23-V -51
 Cross Section -41.28 To 9999. %

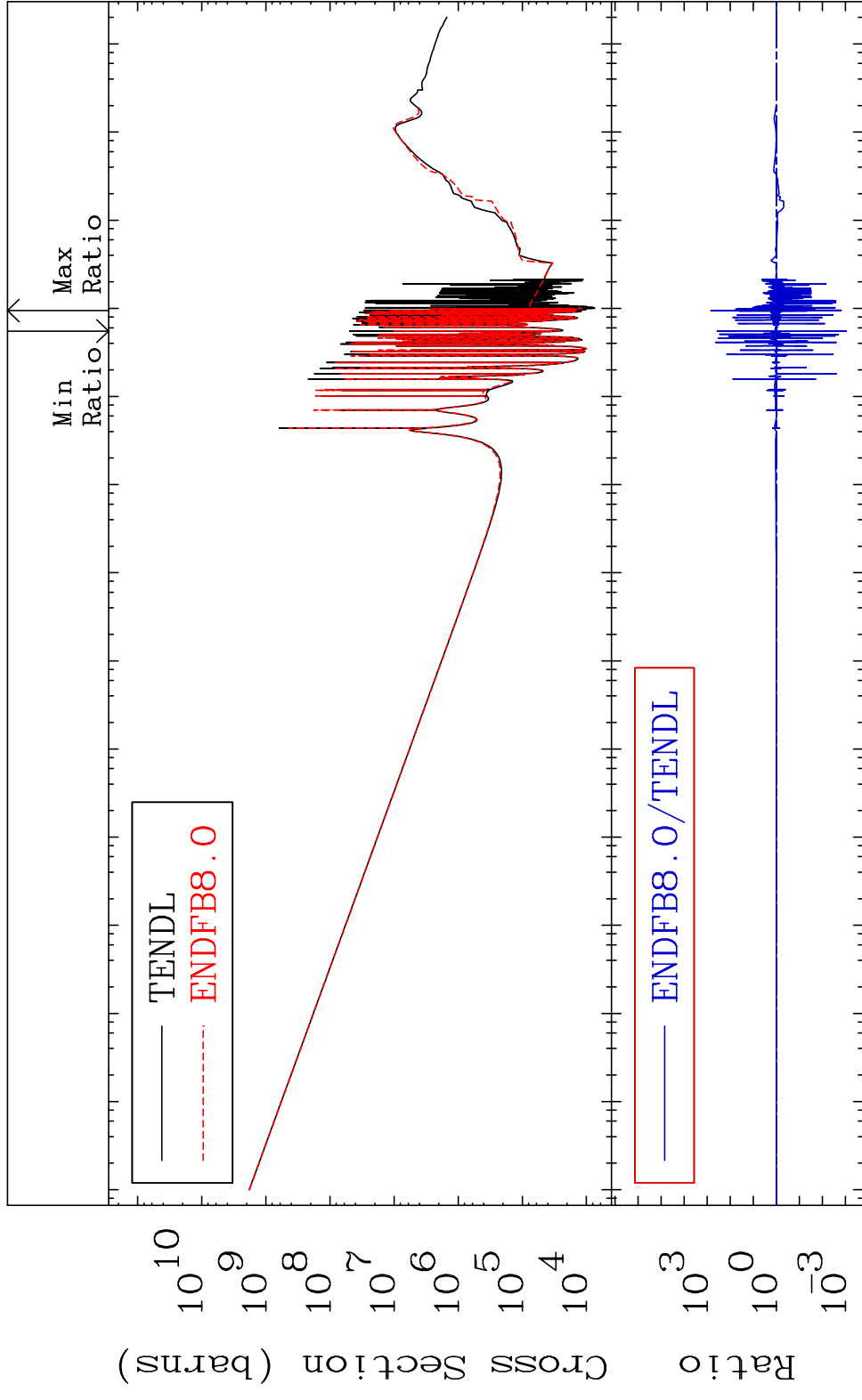


MAT 2328

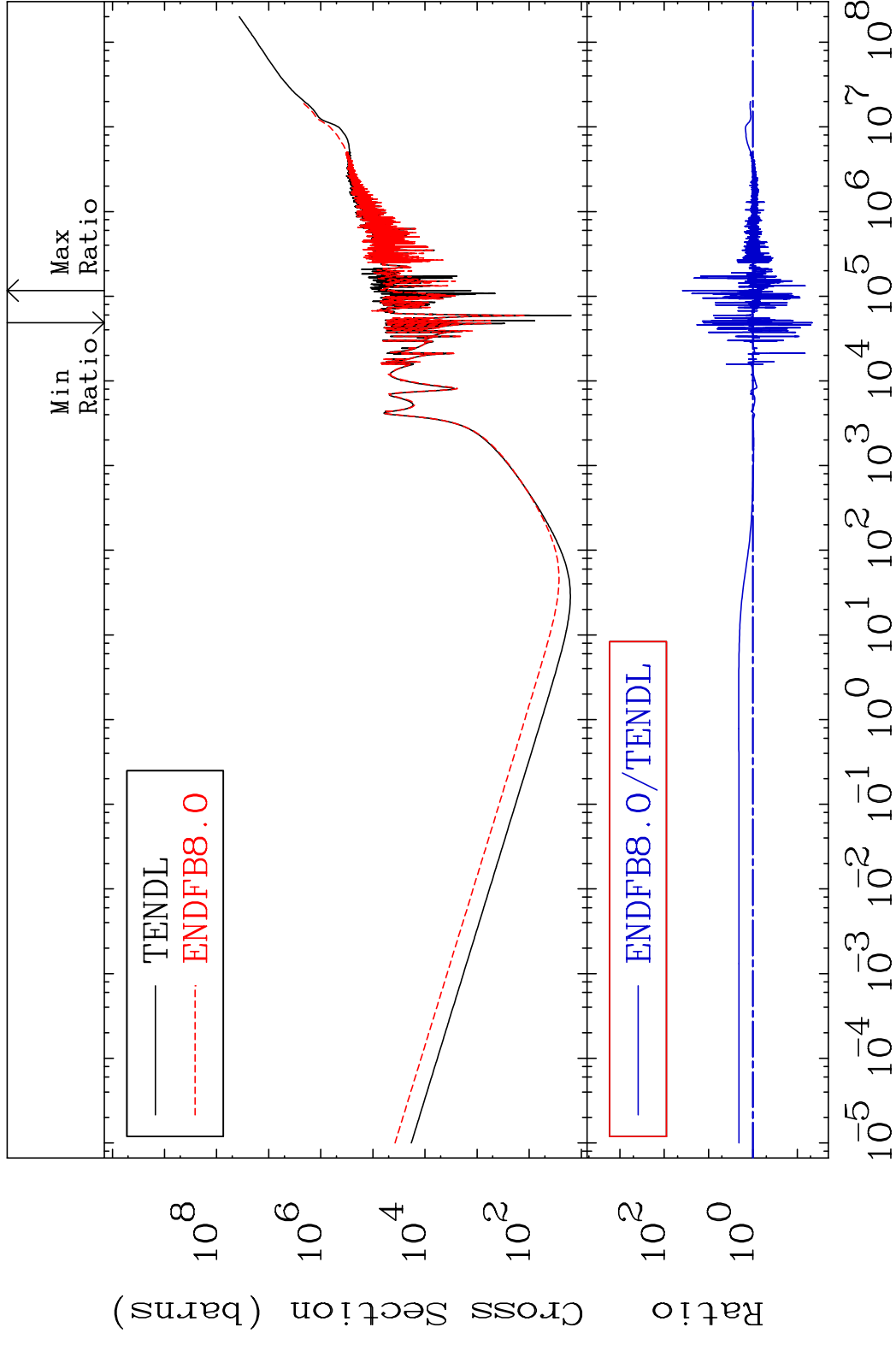
Kerma capture (mt102) 23-V -51
Cross Section -99.80 To 9999. %



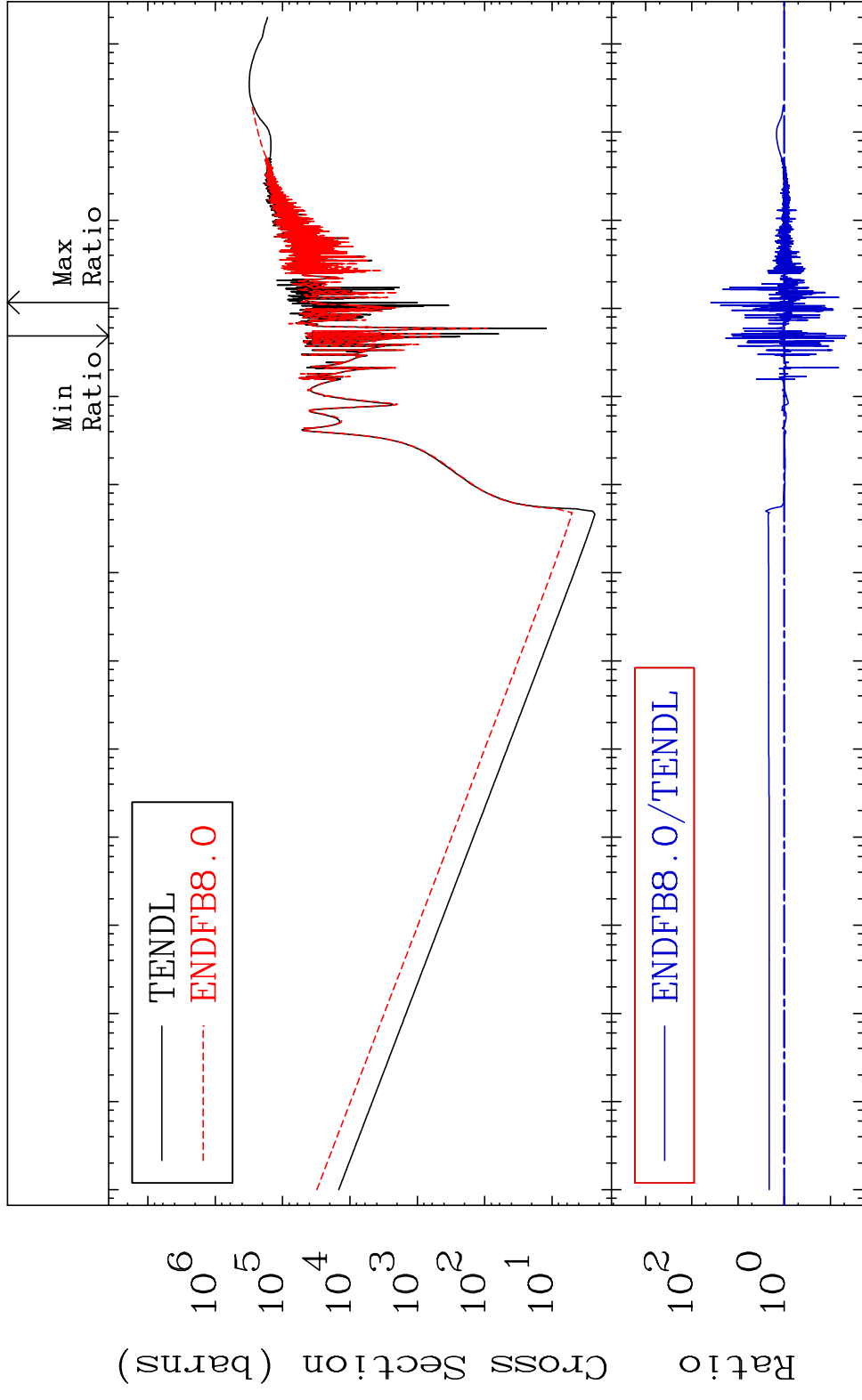
MAT 2328 Total photon (eV-barns) 23-V -51
 Cross Section -99.91 To 9999. %



MAT 2328 Total kinematic kerma (high limit) 23-V -51
 Cross Section -95.49 To 3801. %



MAT 2328 Dpa total (eV-barns) 23-V -51
 Cross Section -95.49 To 3801. %

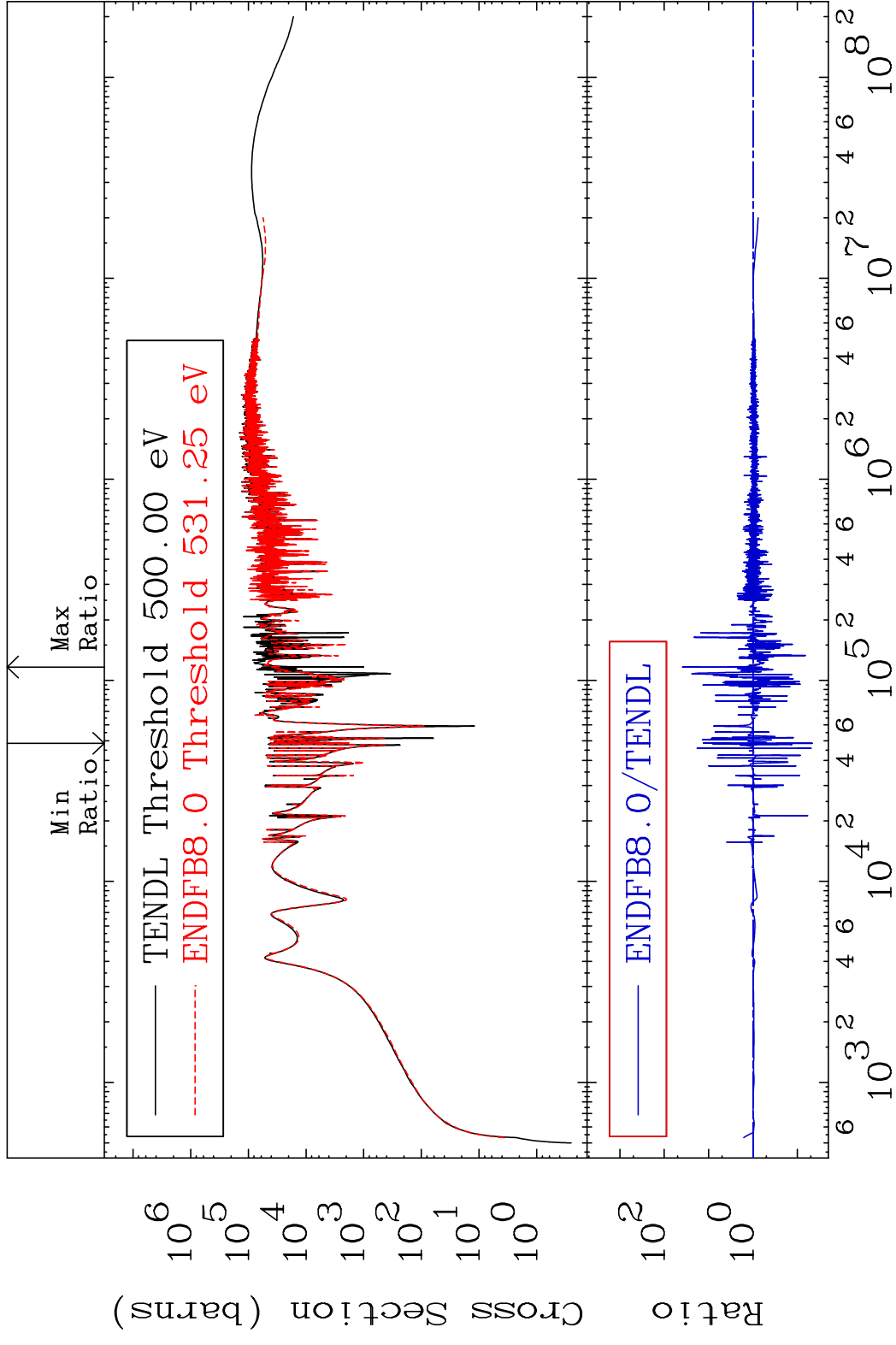


MAT 2328

Dpa elastic (mt2)

23-V -51

Cross Section -95.46 To 3809. %

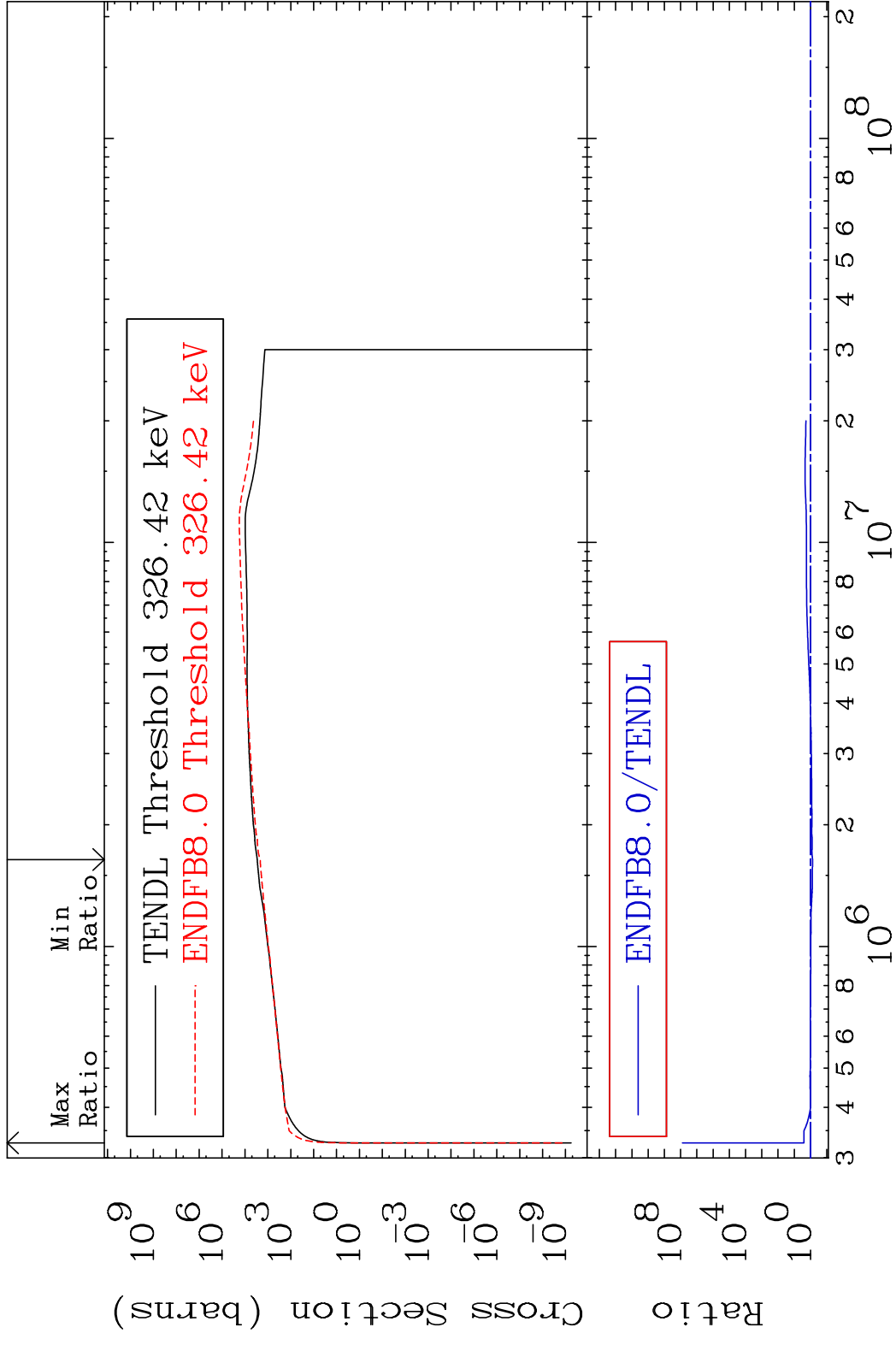


58

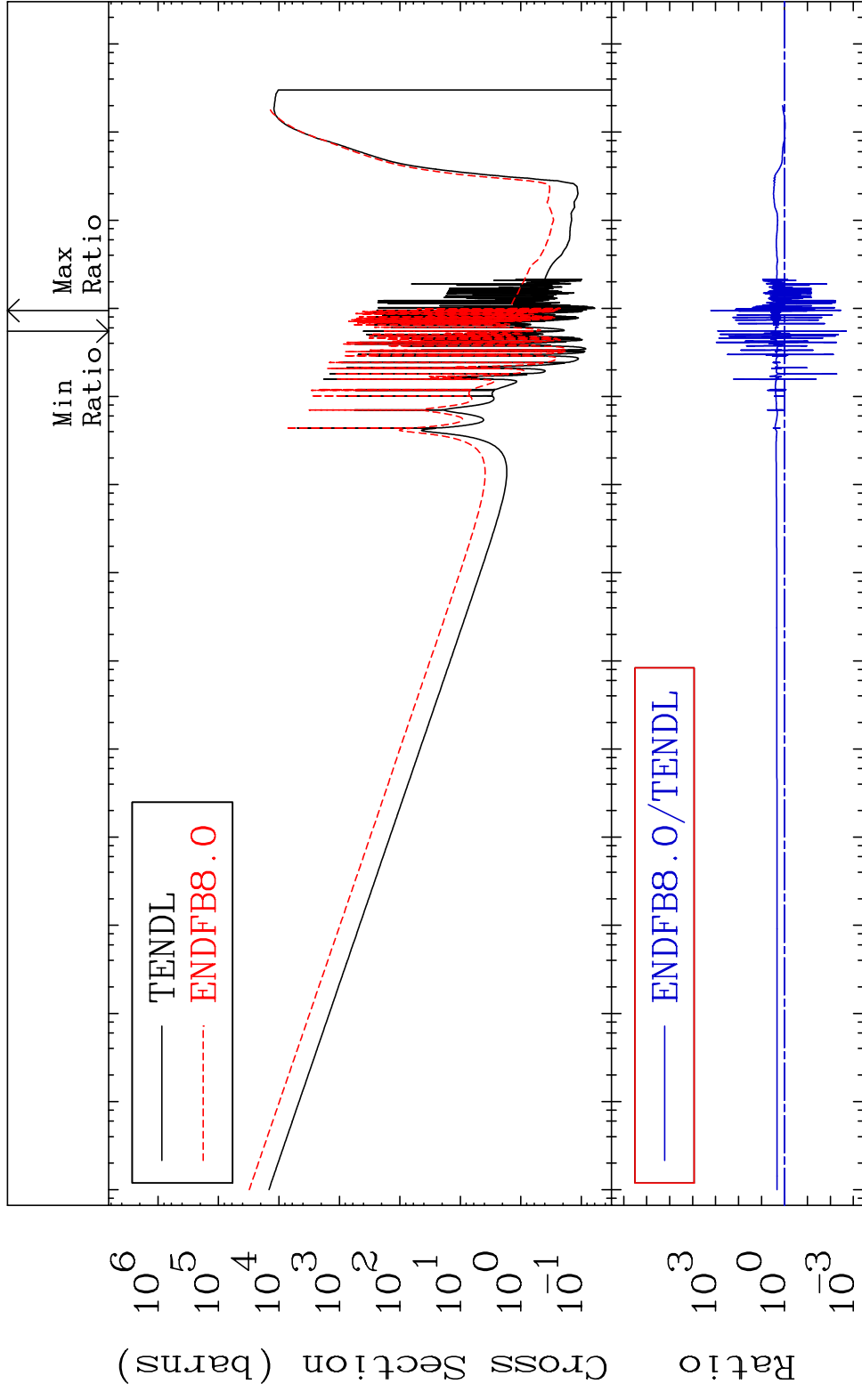
Incident Energy (eV)

23-V -51

MAT 2328 Dpa inelastic (mt51-91) 23-V -51
 Cross Section -25.22 To 9999. %



MAT 2328 Dpa disappearance (mt102 -120) 23-V -51
 Cross Section -99.80 To 9999. %



60 Incident Energy (eV) 23-V -51