

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

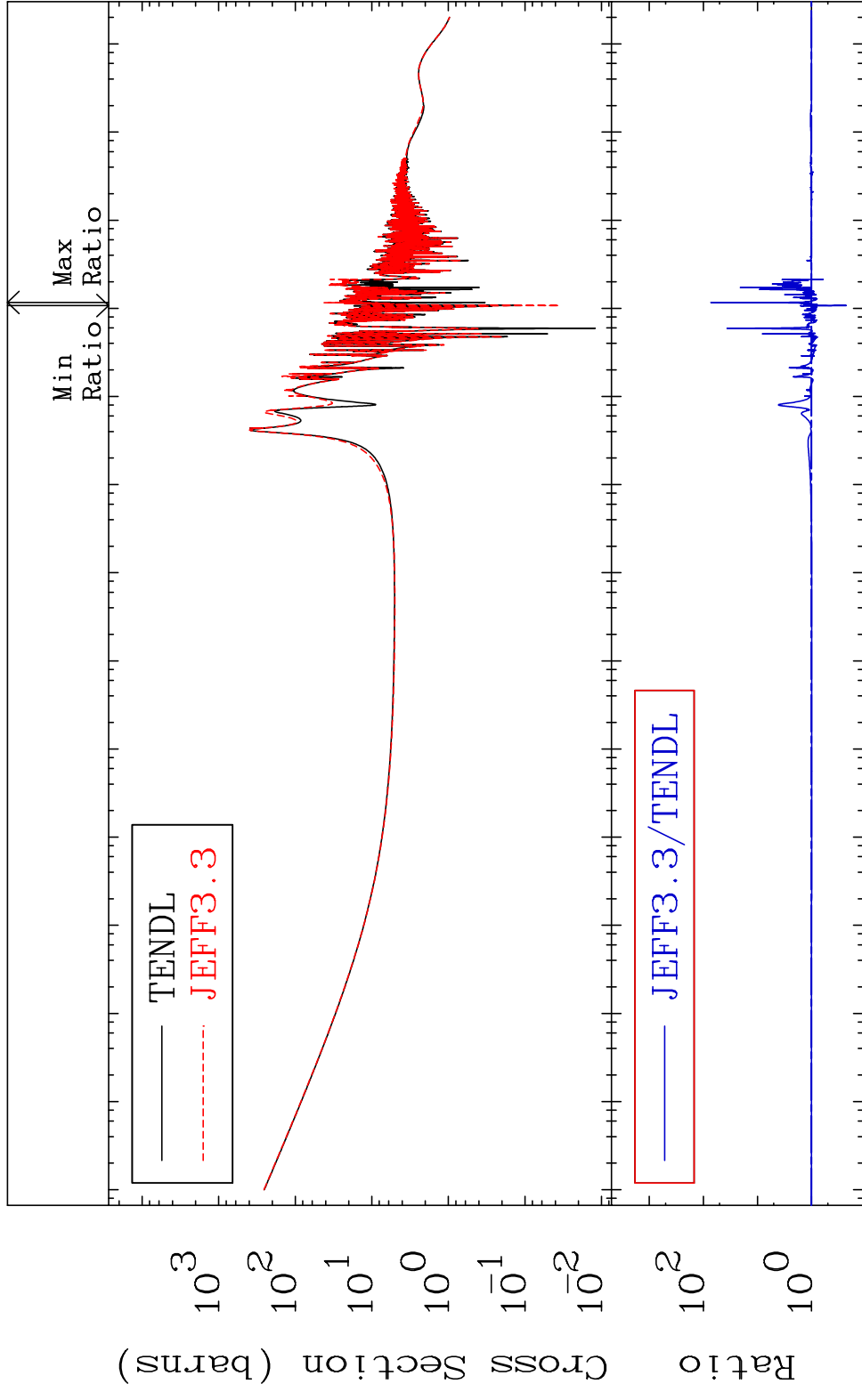
MAT 2328

Total

23-V -51

Cross Section

-77.21 To 7215. %



1

Incident Energy (eV)

23-V -51

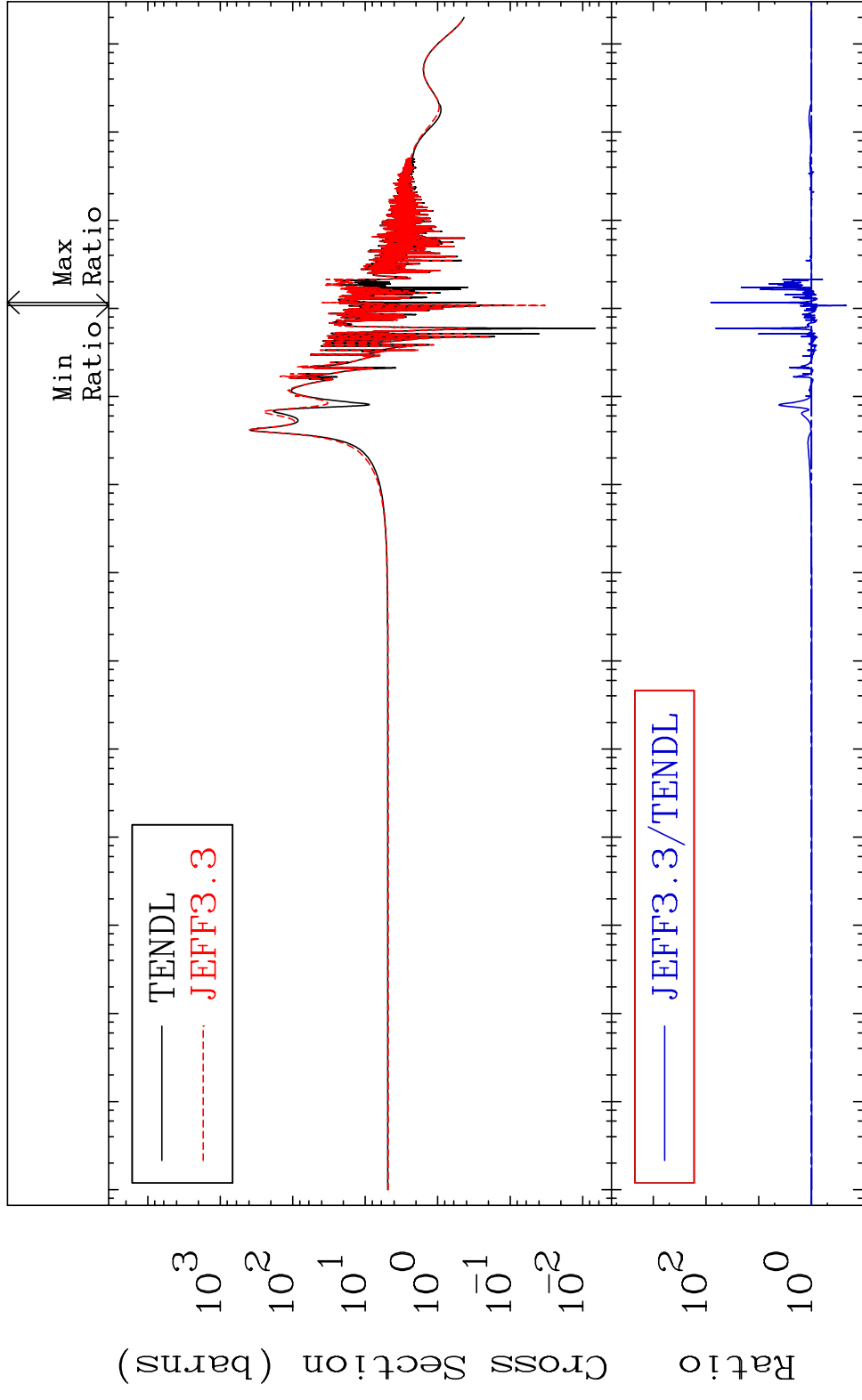
MAT 2328

Elastic

23-V -51

Cross Section

-78.18 To 8027. %

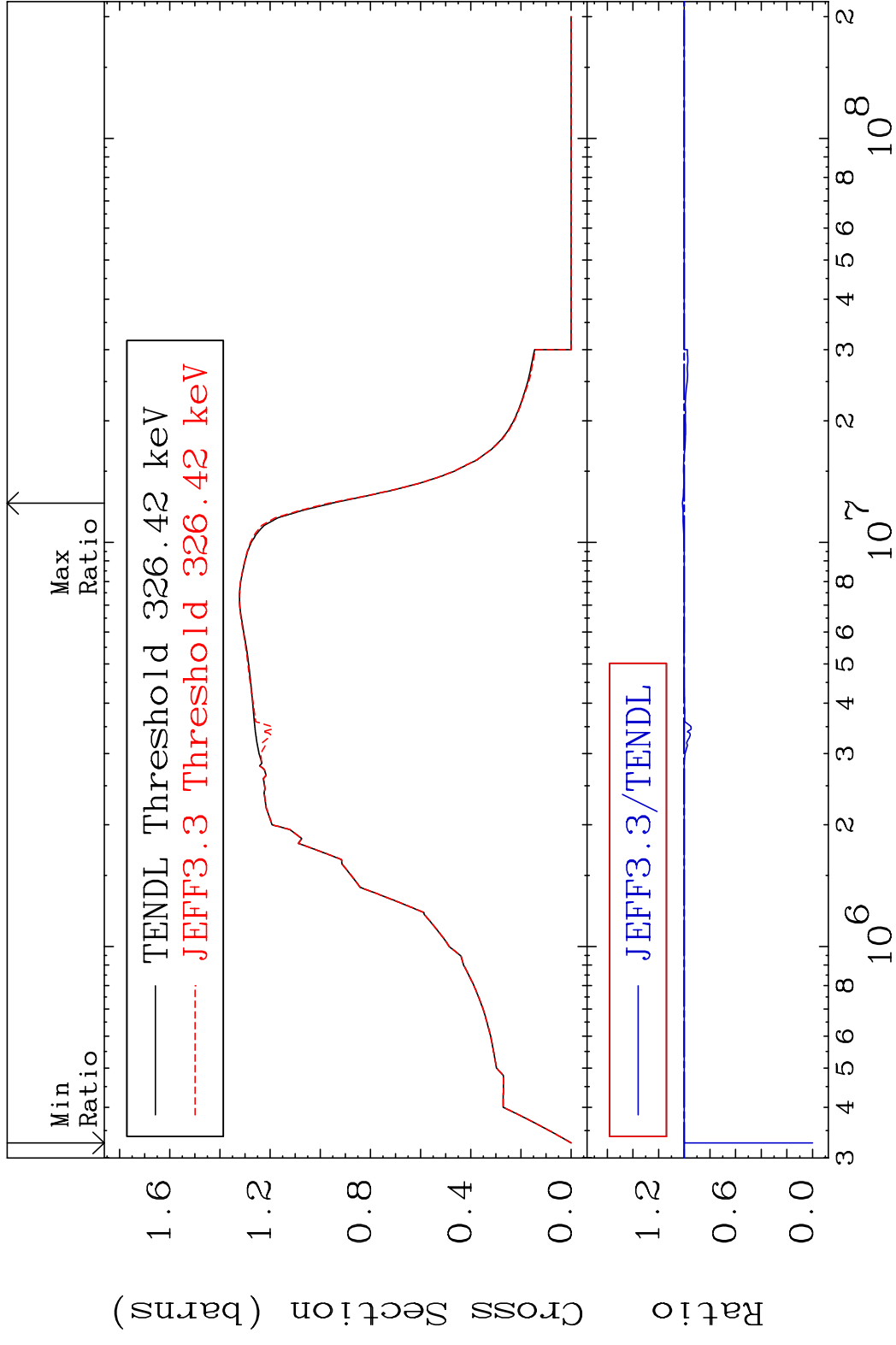


2

Incident Energy (eV)

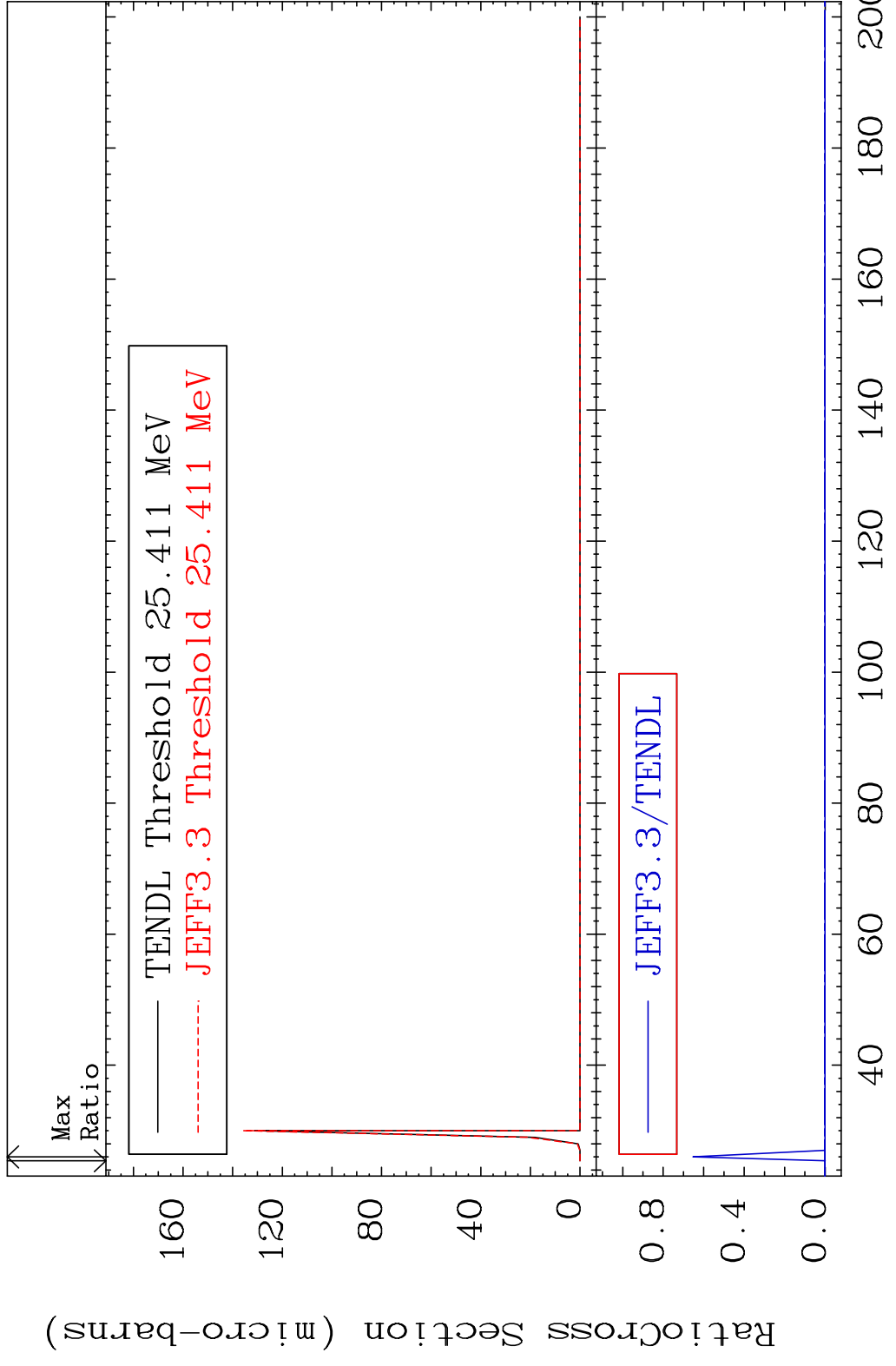
23-V -51

MAT 2328 Inelastic 23-V -51
 Cross Section -100.0 To 1.477 %



3 Incident Energy (eV) 23-V -51

MAT 2328 (n,2n) d 23-V -51
 Cross Section -100.0 To 9999. %

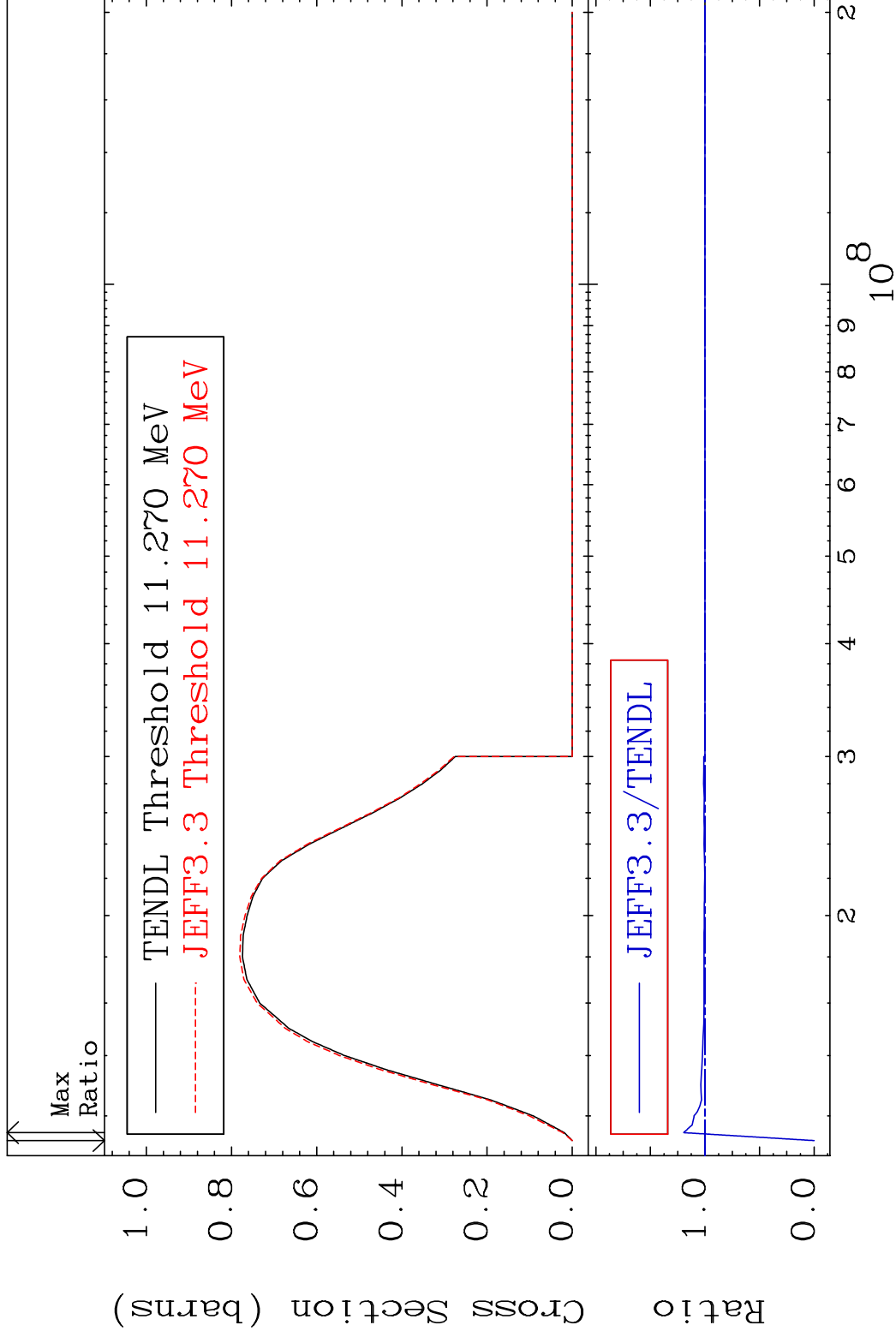


MAT 2328

(n,2n)

23-V -51

Cross Section -100.0 To 19.54 %

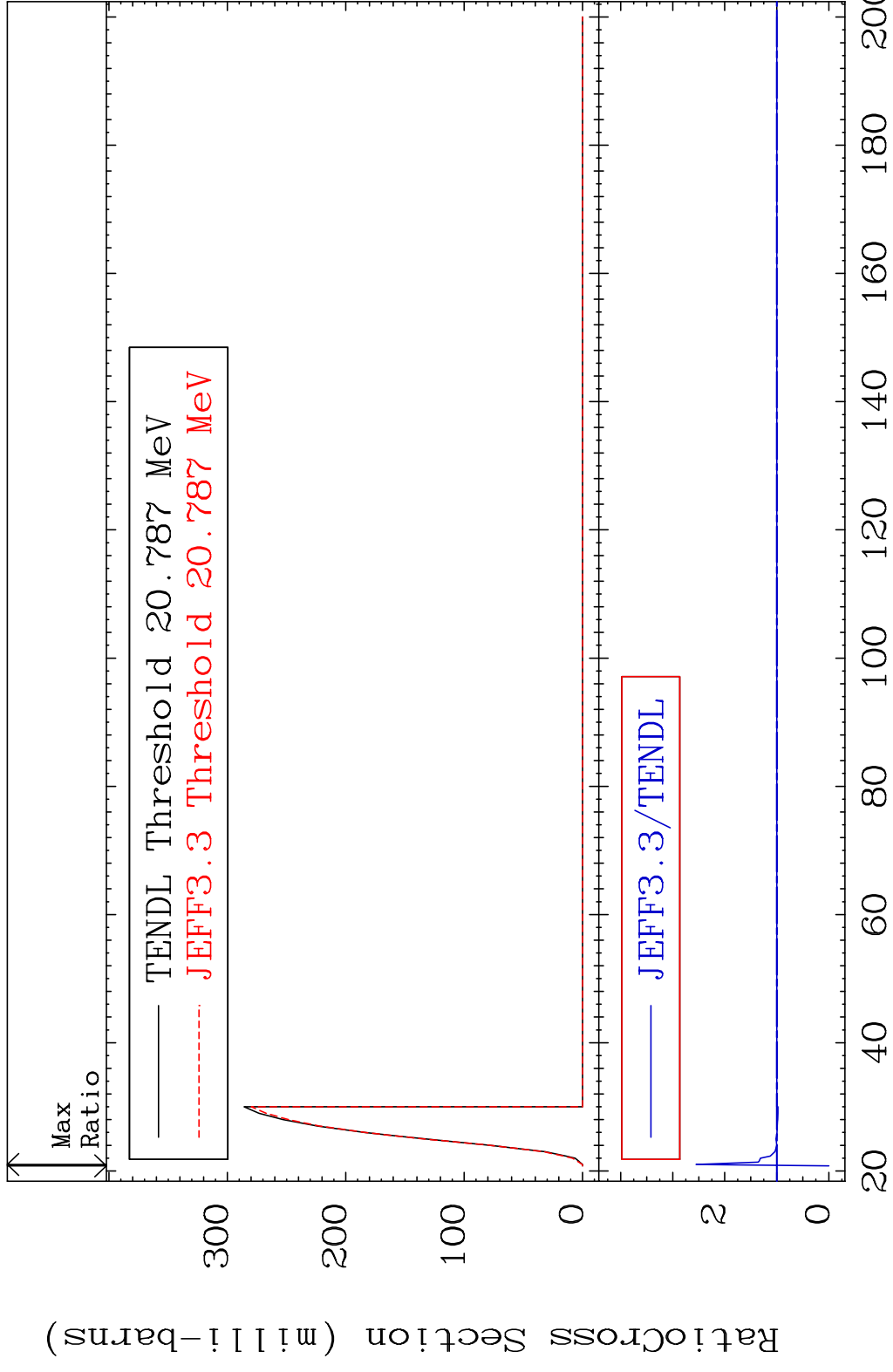


5

Incident Energy (eV)

23-V -51

MAT 2328 (n,3n) 23-V -51
 Cross Section -100.0 To 155.3 %

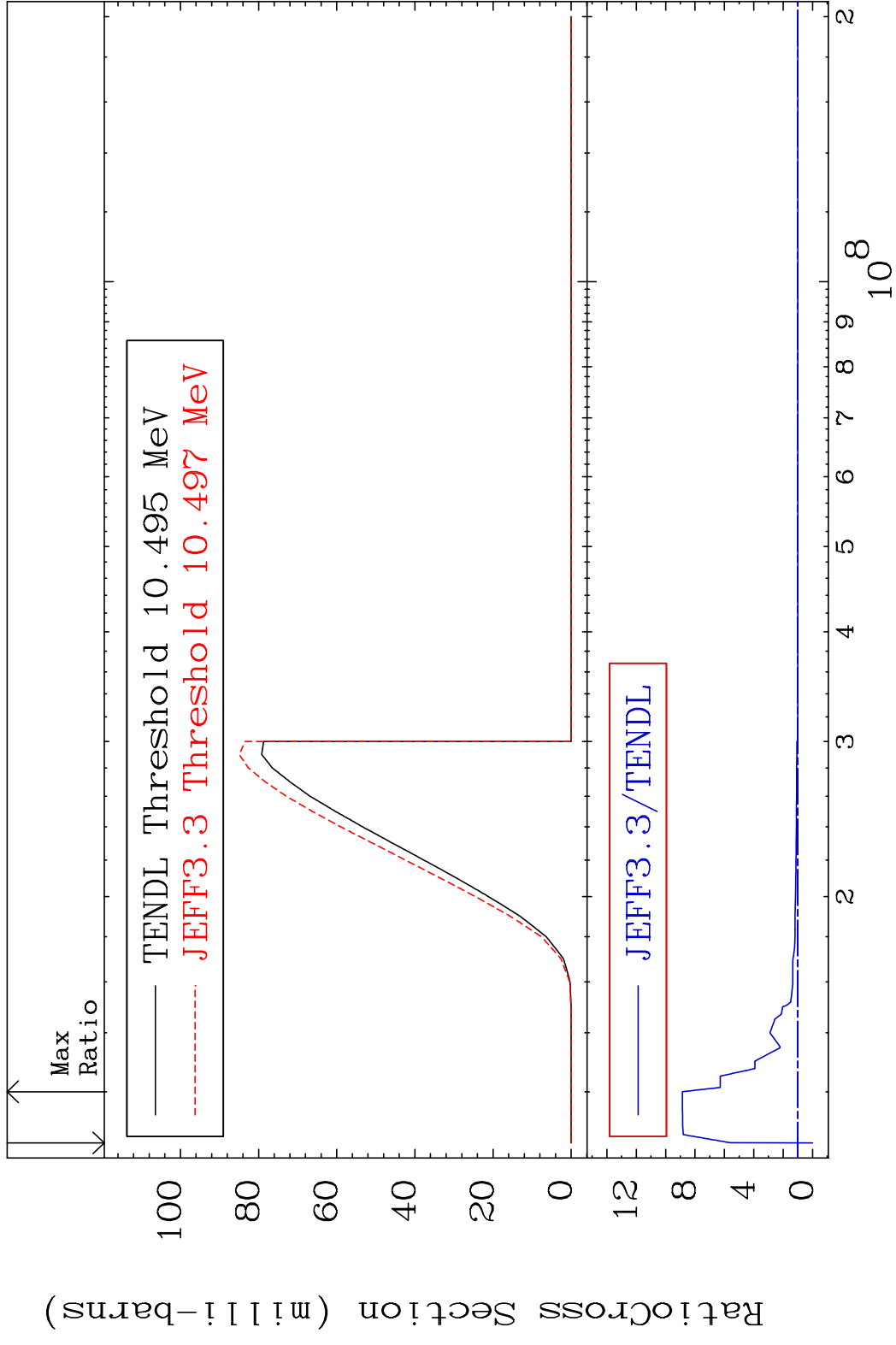


MAT 2328

(n, n') α

23-V -51

Cross Section -100.0 To 786.2 %

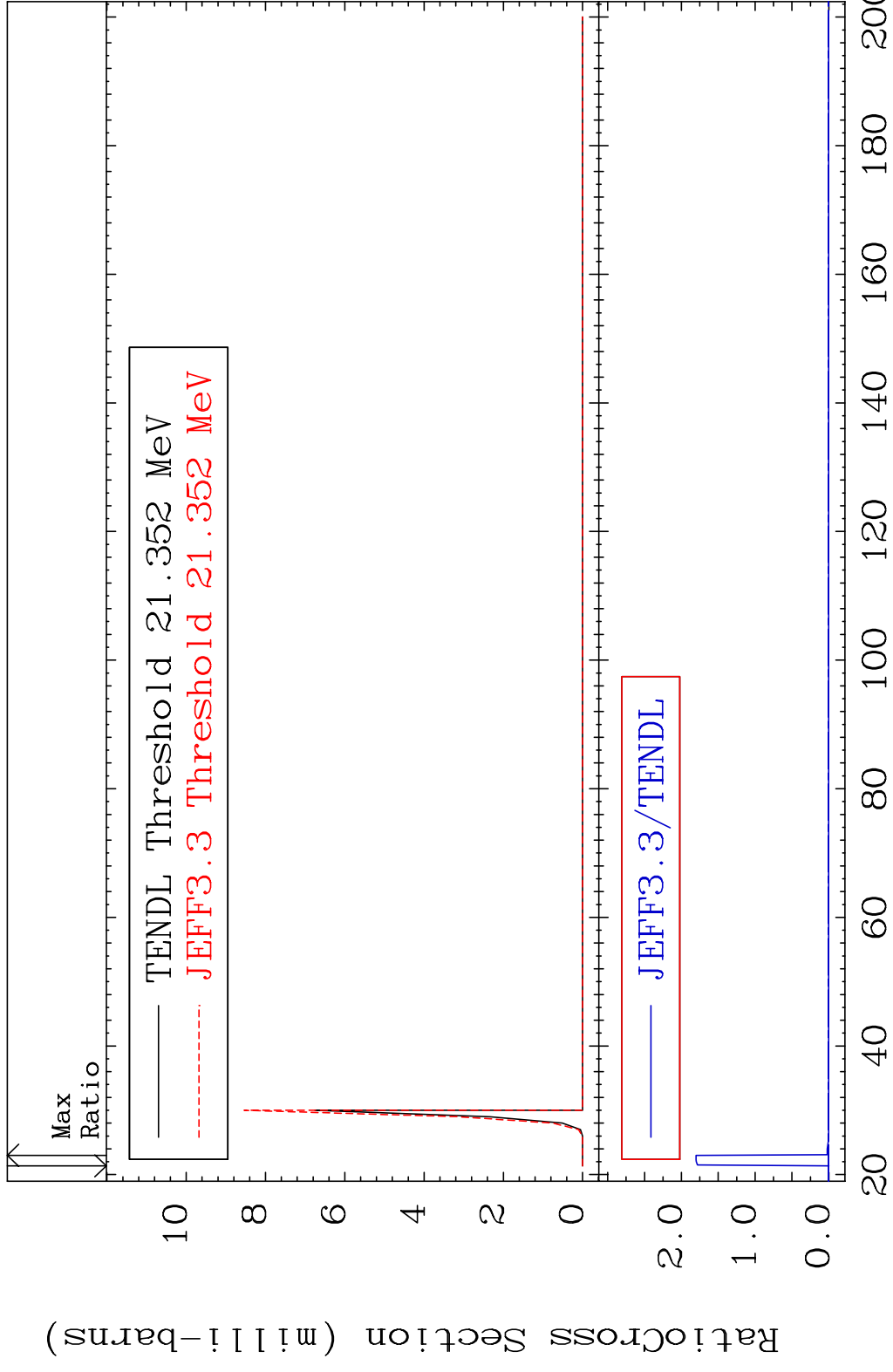


MAT 2328

(n,2n) α

23-V -51

Cross Section -100.0 To 9999. %

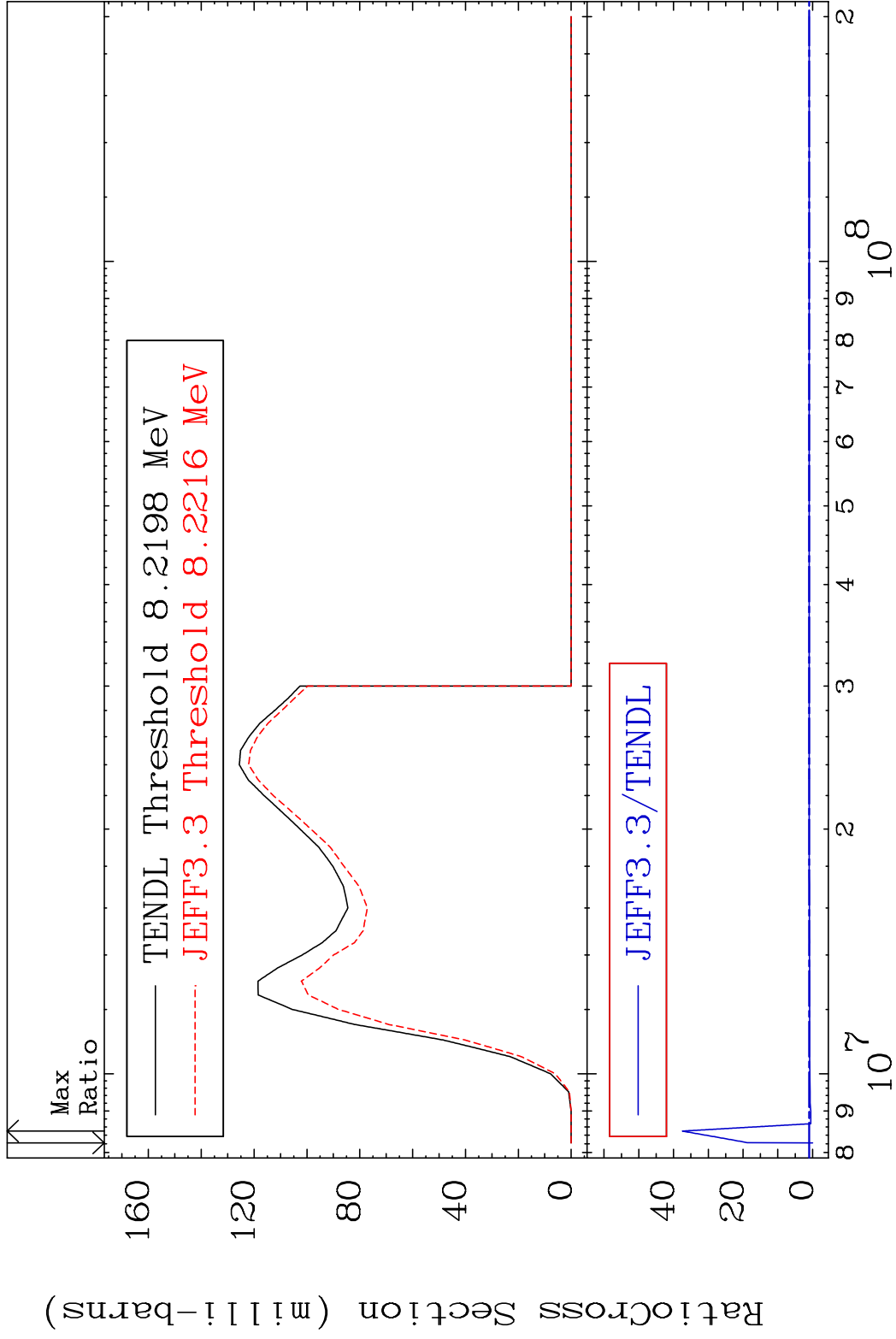


MAT 2328

(n, n') p

23-V -51

Cross Section -100.0 To 3646. %

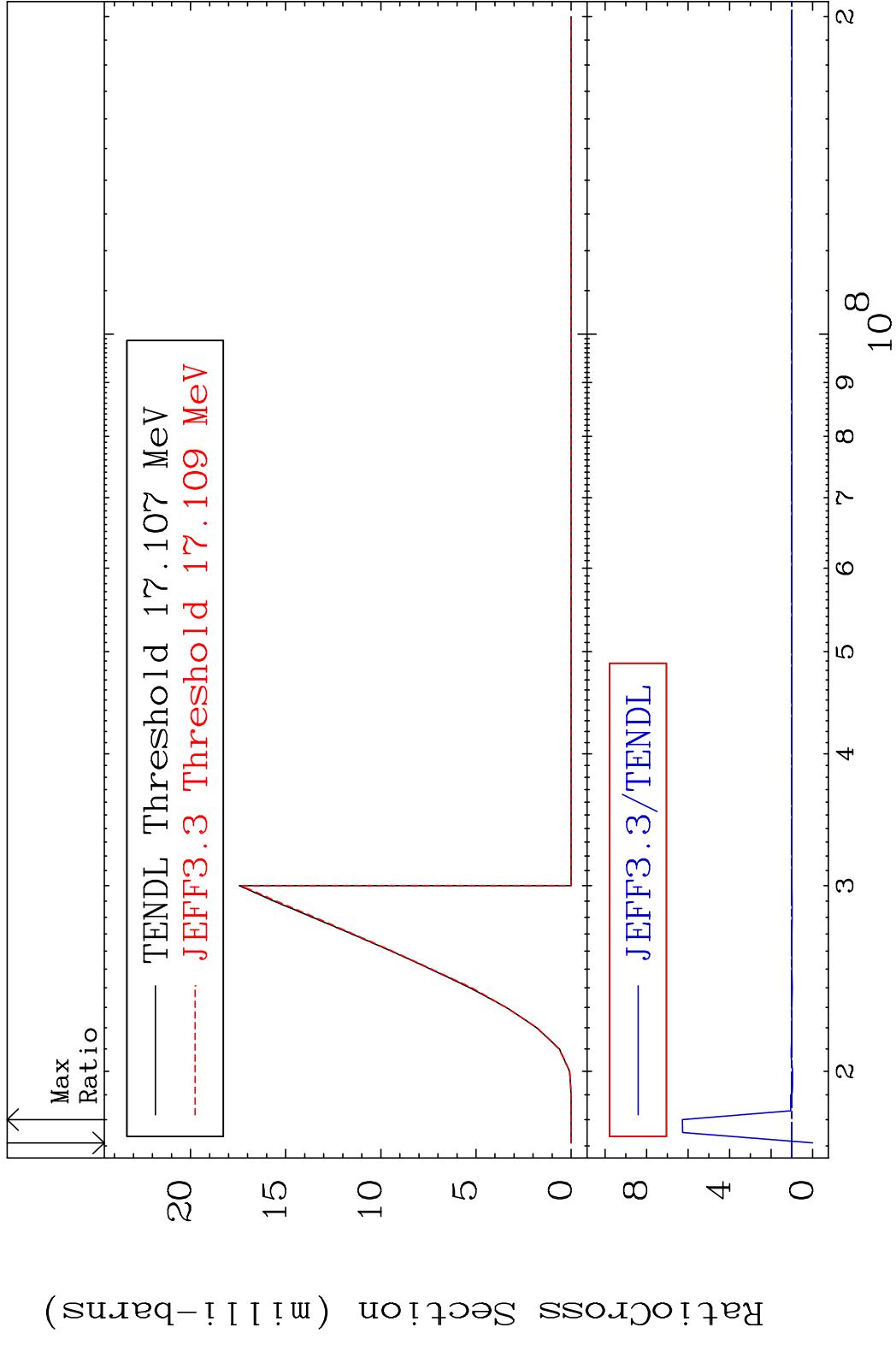


9

Incident Energy (eV)

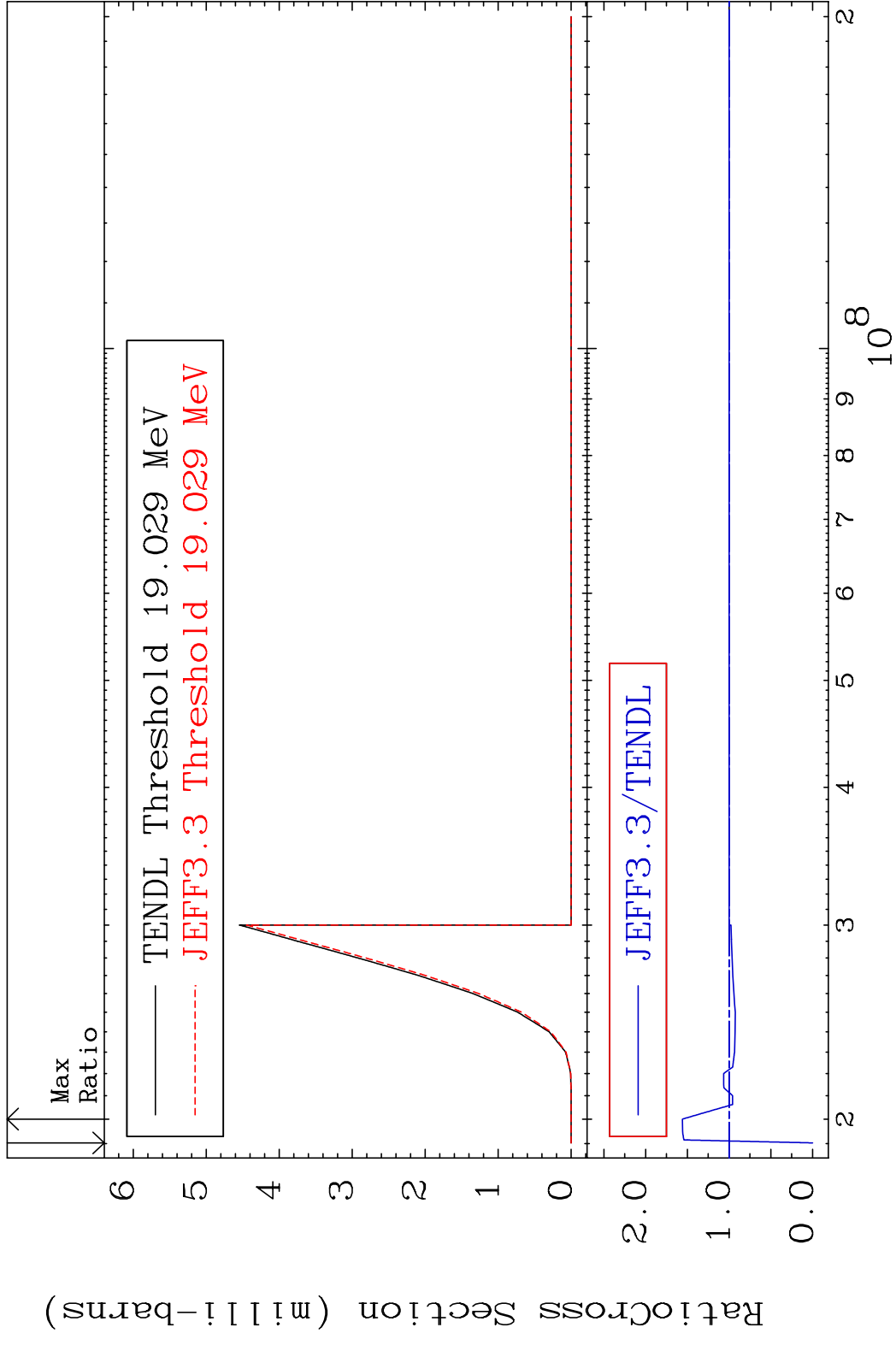
23-V -51

MAT 2328 (n, n') d 23-V -51
 Cross Section -100.0 To 527.3 %

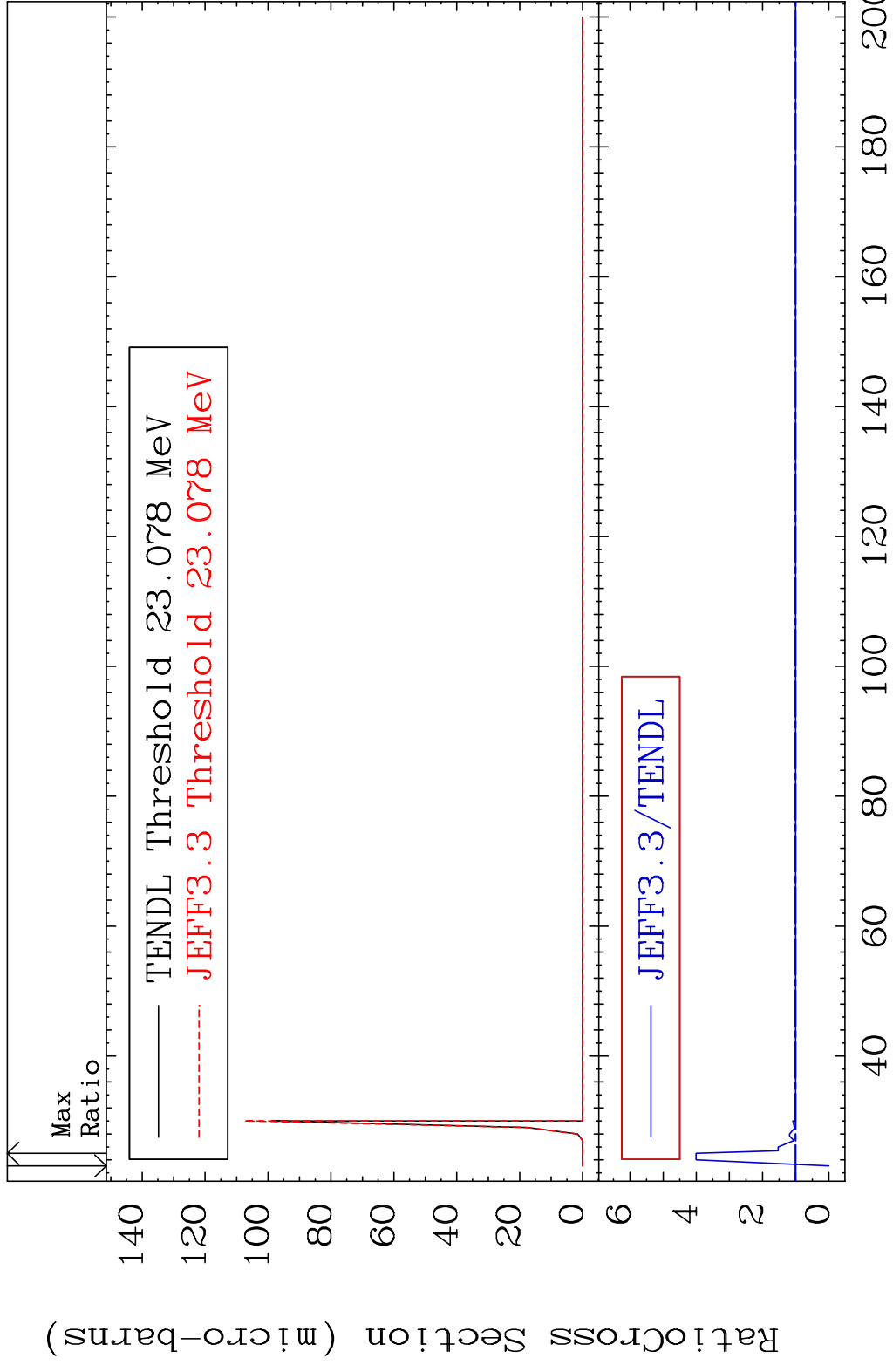


10 Incident Energy (eV) 23-V -51

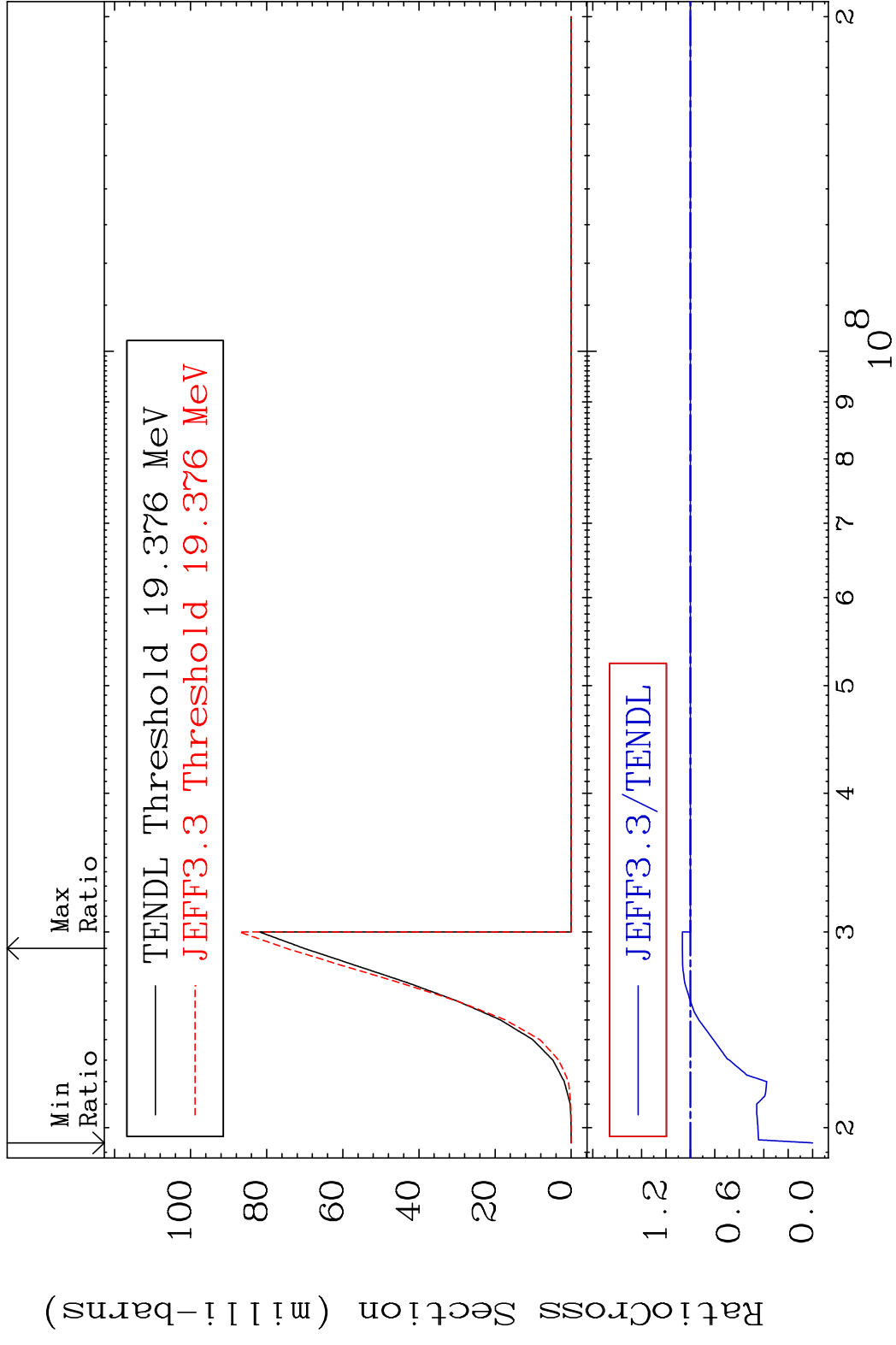
MAT 2328 (n, n') t 23-V -51
 Cross Section -100.0 To 56.02 %



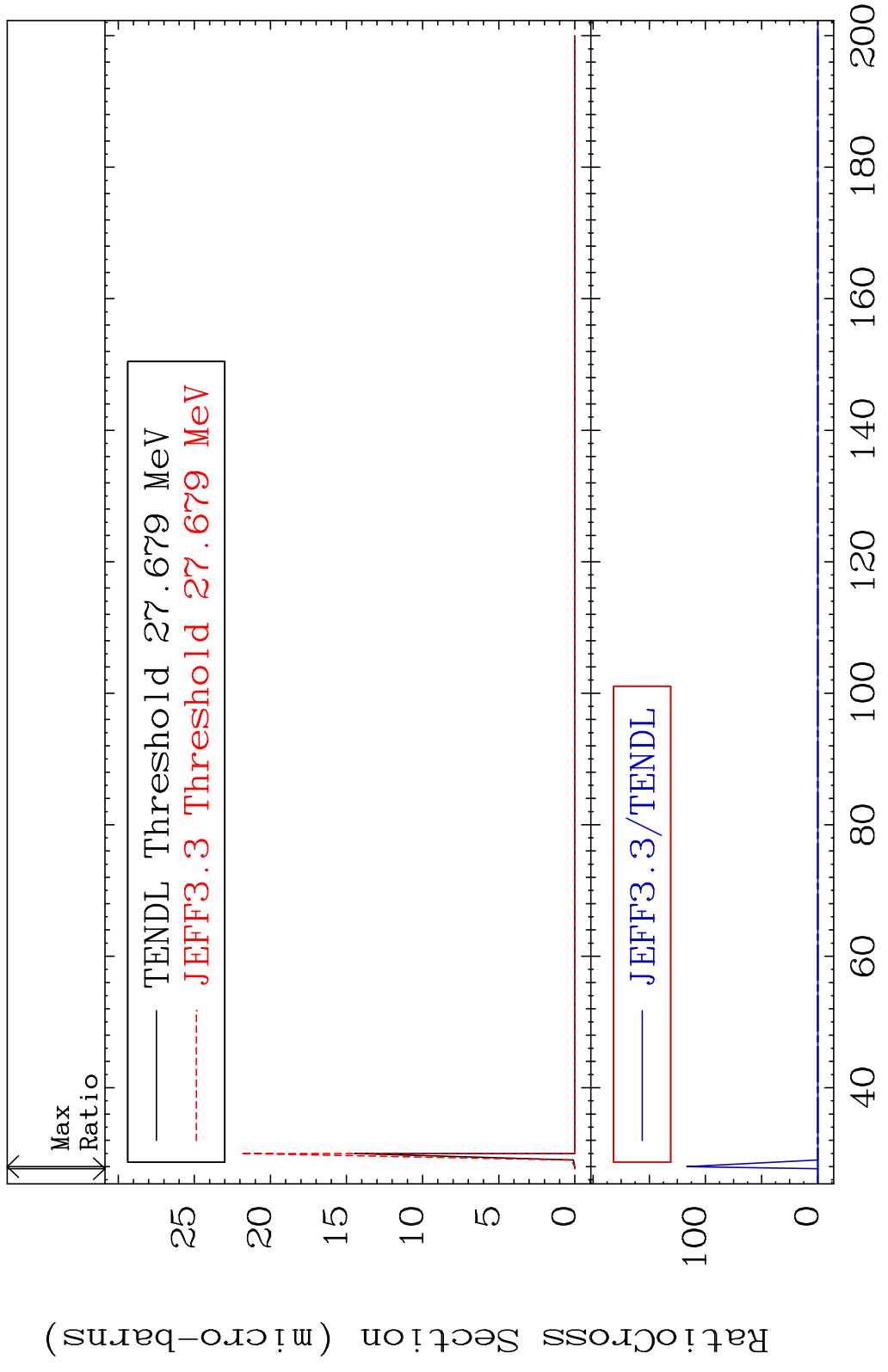
MAT 2328 (n,n') He-3 23-V -51
 Cross Section -100.0 To 300.8 %



MAT 2328 (n,2n) p 23-V -51
 Cross Section -100.0 To 6.588 %



MAT 2328 (n,3n) p 23-V -51
 Cross Section -100.0 To 9999. %

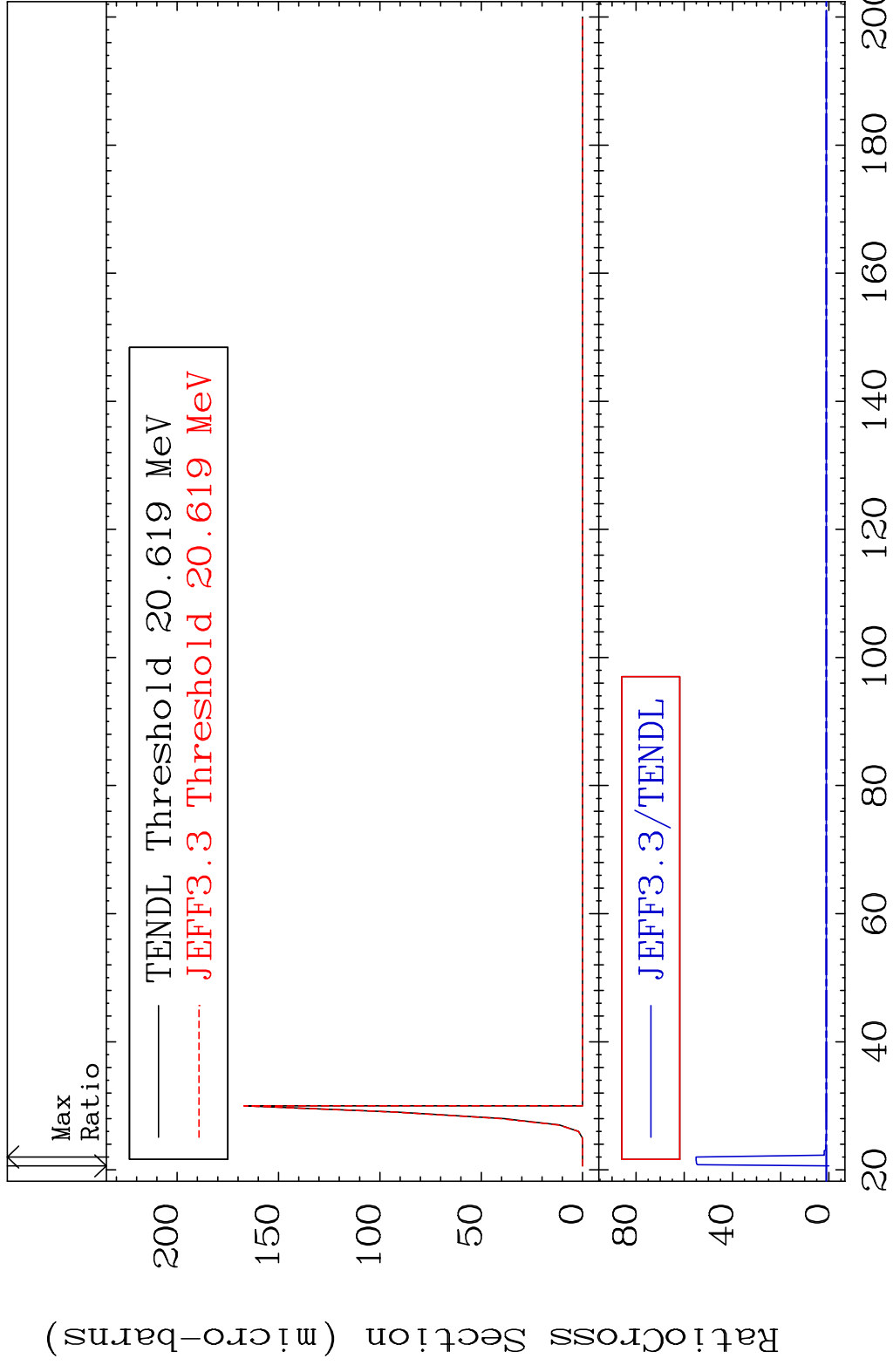


MAT 2328

(n,2n) p

23-V -51

Cross Section -100.0 To 5414. %

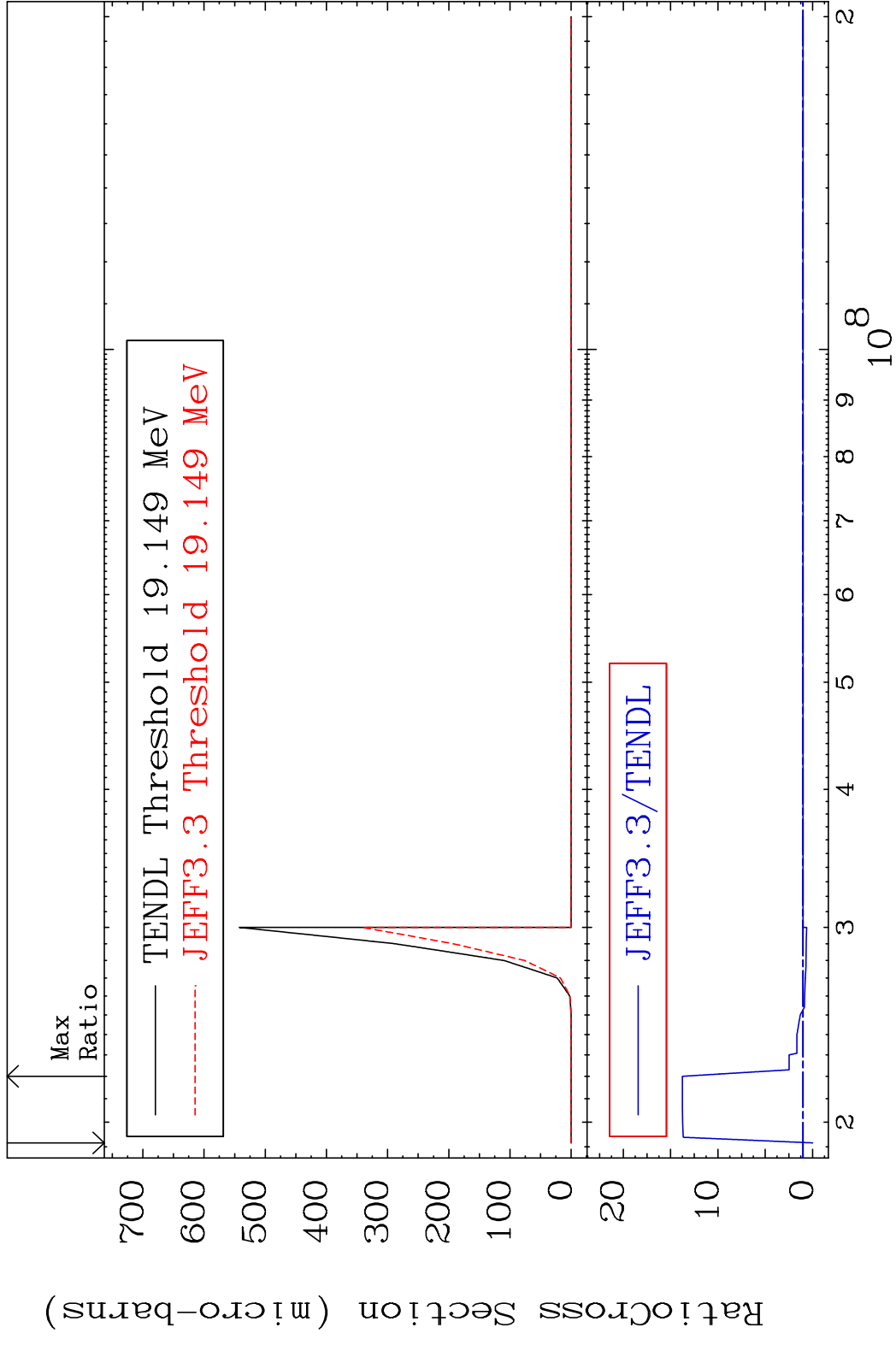


15

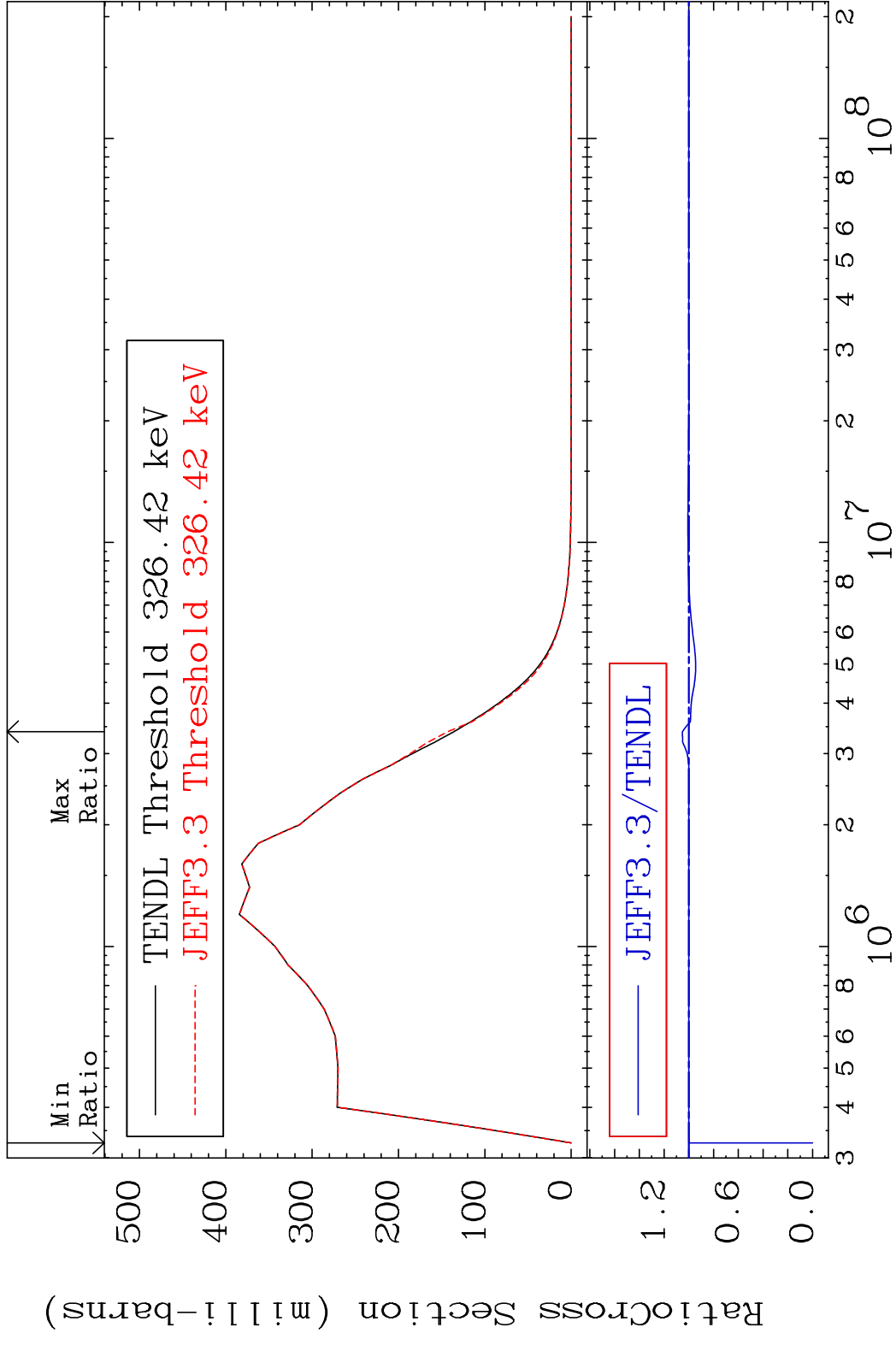
Incident Energy (MeV)

23-V -51

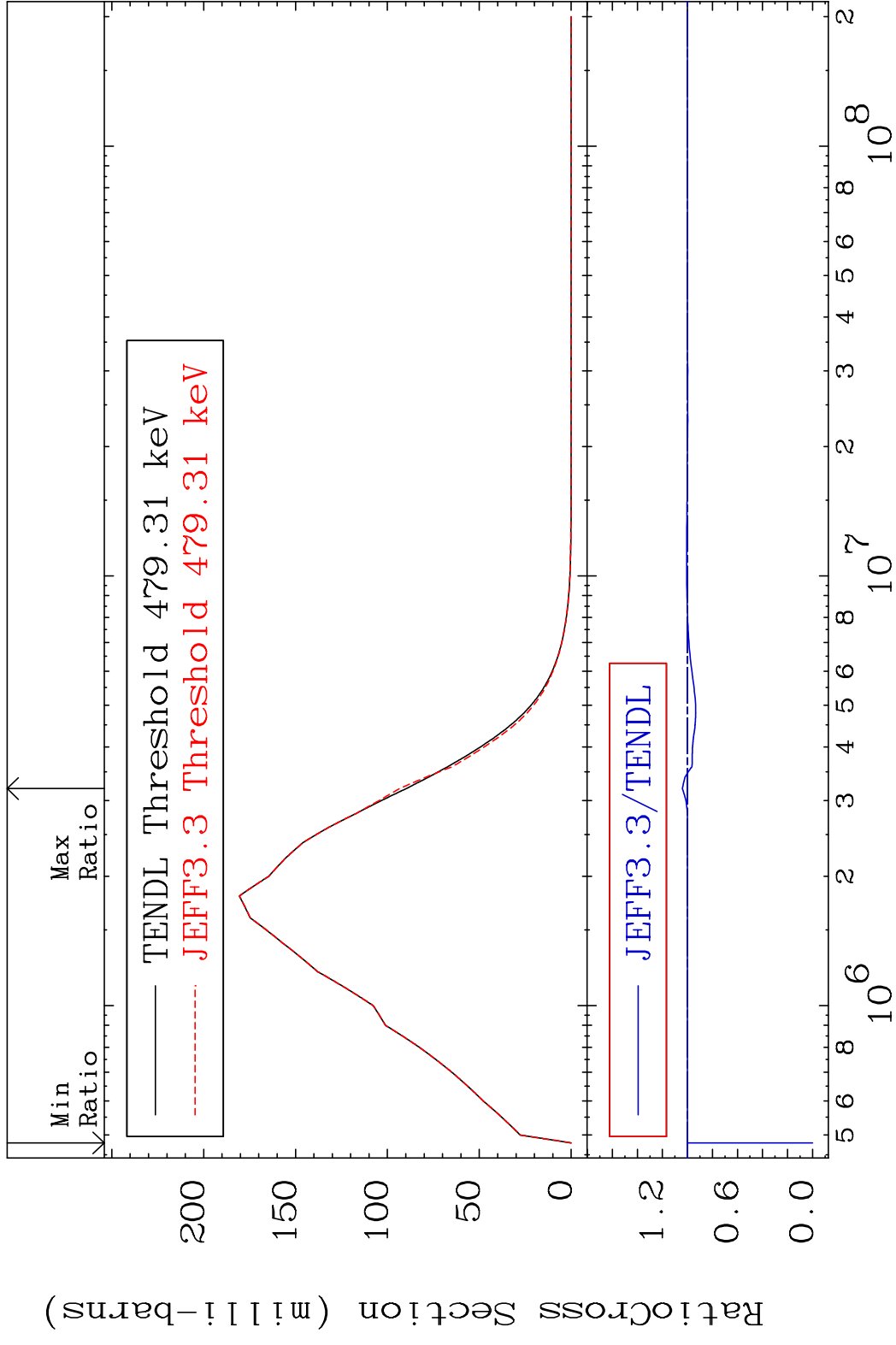
MAT 2328 (n,n') p α 23-V -51
 Cross Section -100.0 To 1276. %



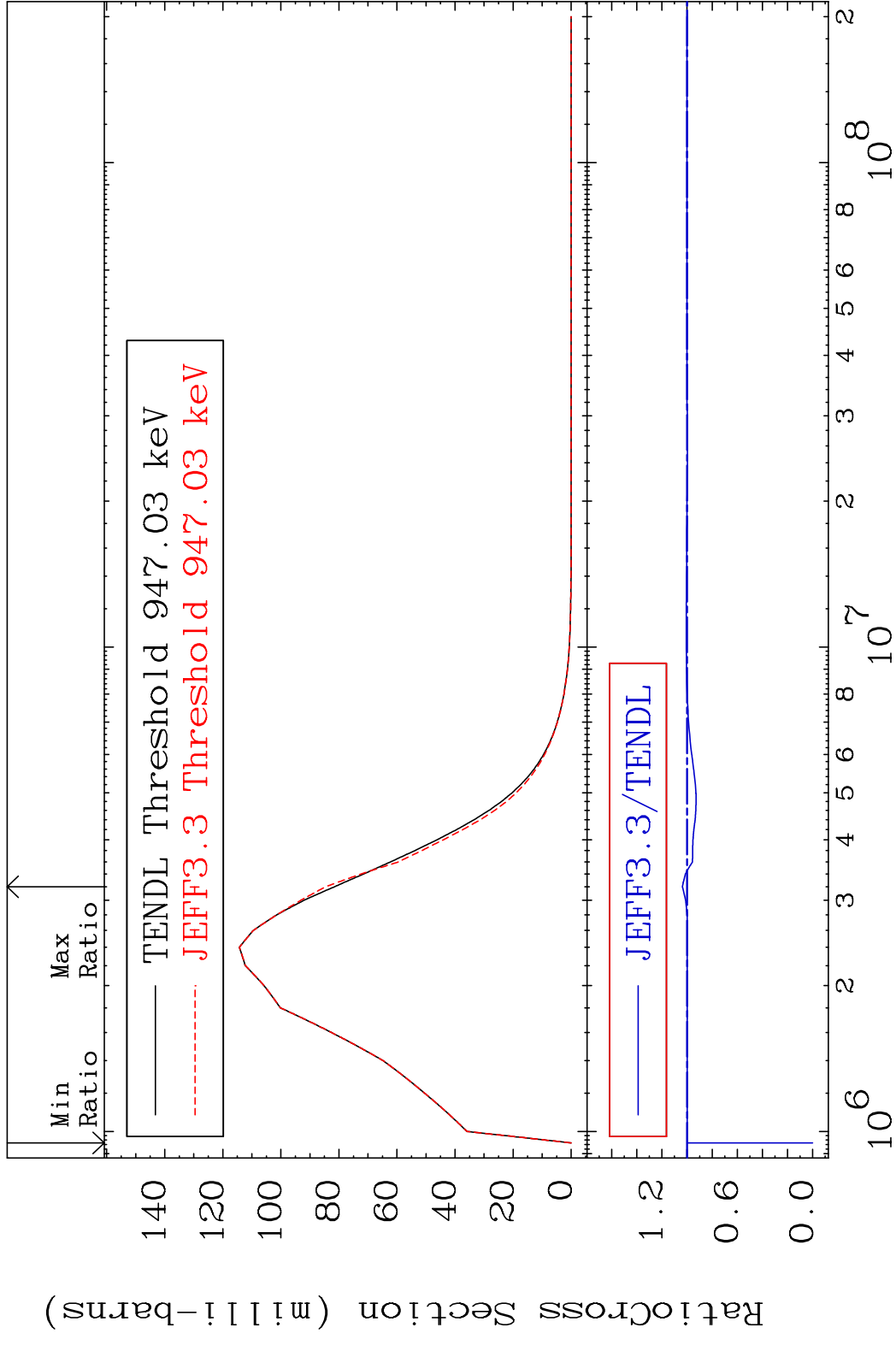
MAT 2328 MT= 51 (n, n') Level 23-V -51
 Cross Section -100.0 To 5.214 %



MAT 2328 MT= 52 (n,n') Level 23-V -51
 Cross Section -100.0 To 4.067 %

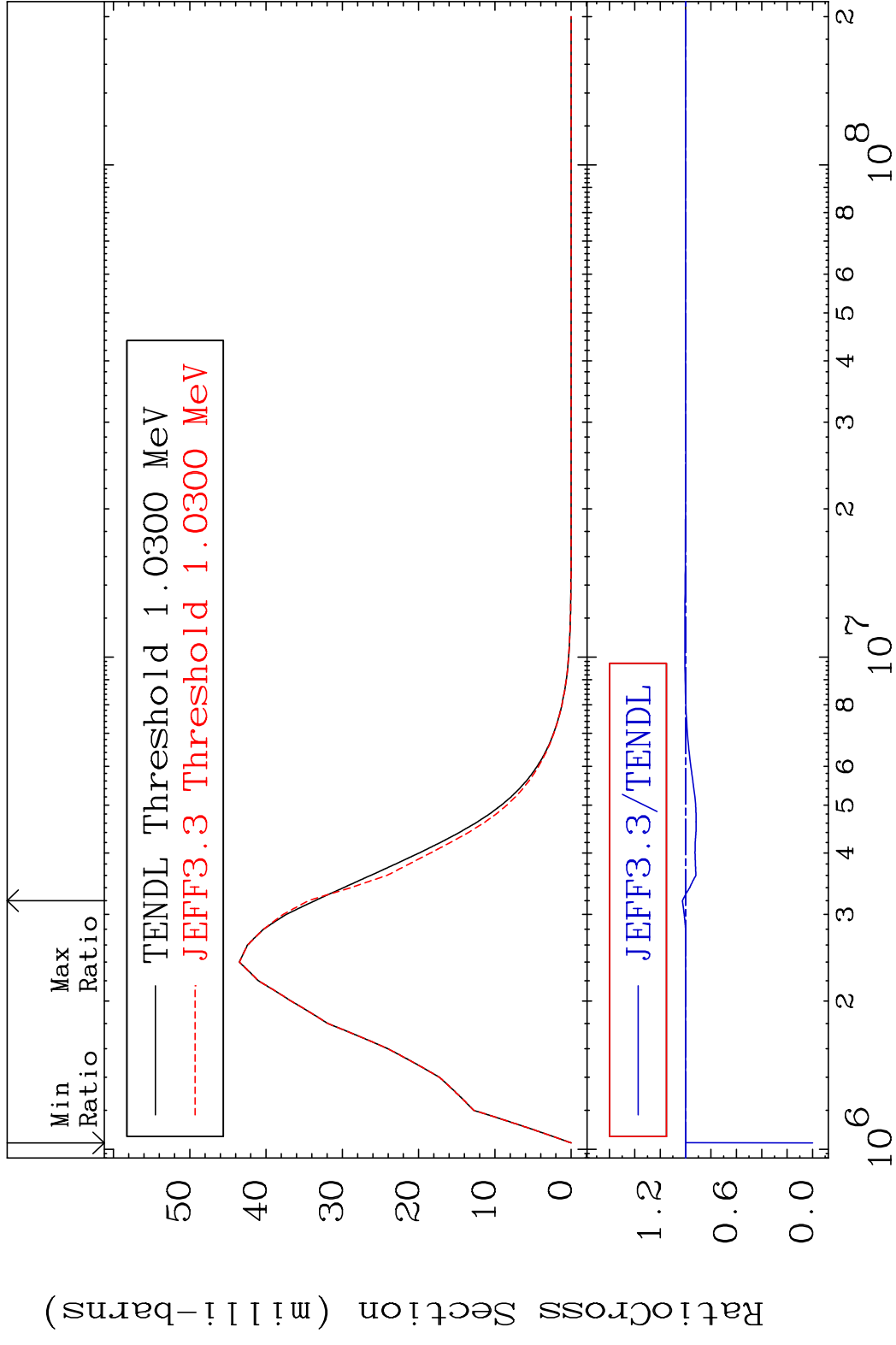


MAT 2328 MT= 53 (n, n') Level 23-V -51
 Cross Section -100.0 To 3.749 %



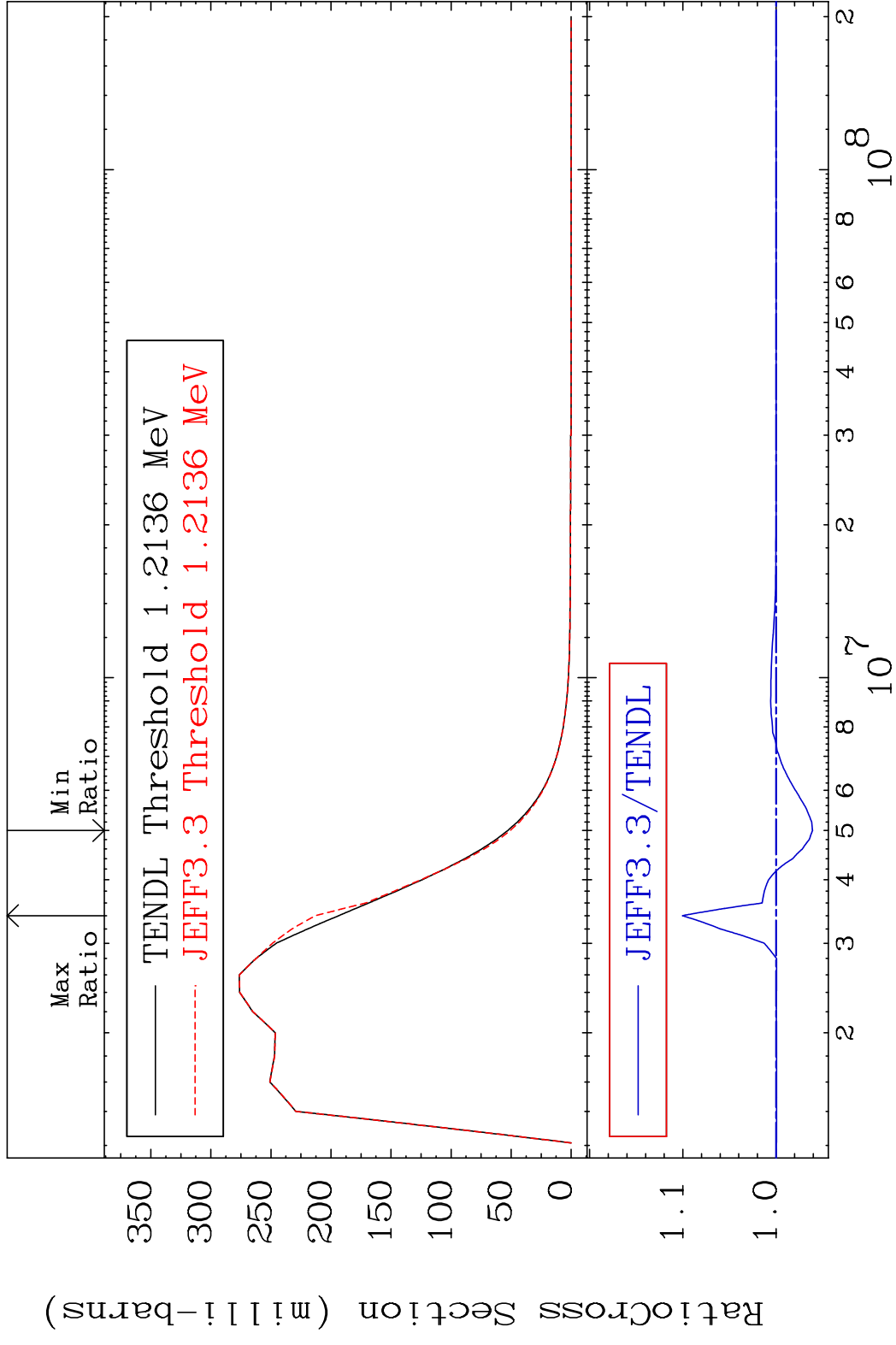
19 Incident Energy (eV) 23-V -51

MAT 2328 MT= 54 (n, n') Level 23-V -51
 Cross Section -100.0 To 2.548 %

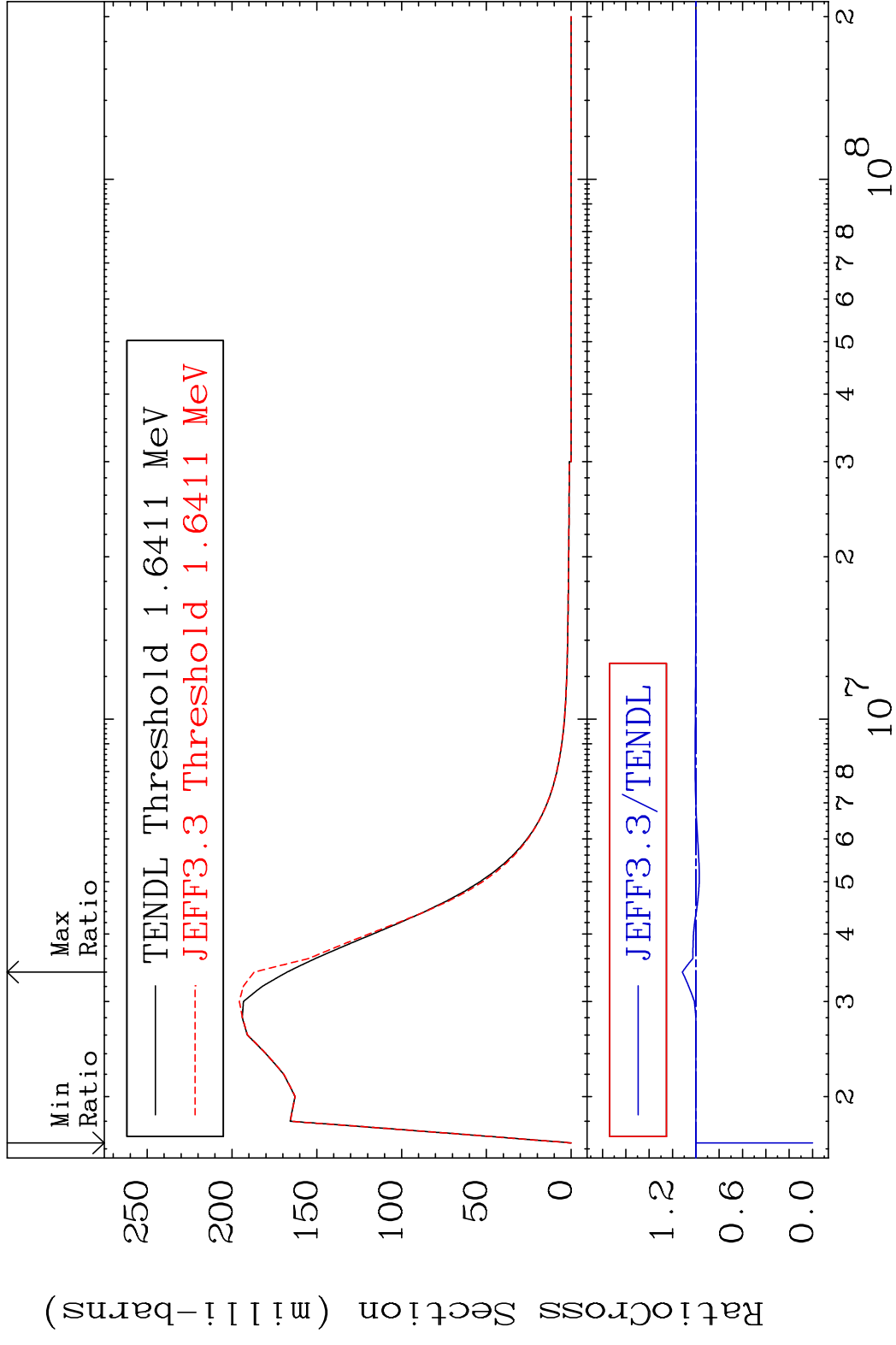


20 Incident Energy (eV) 23-V -51

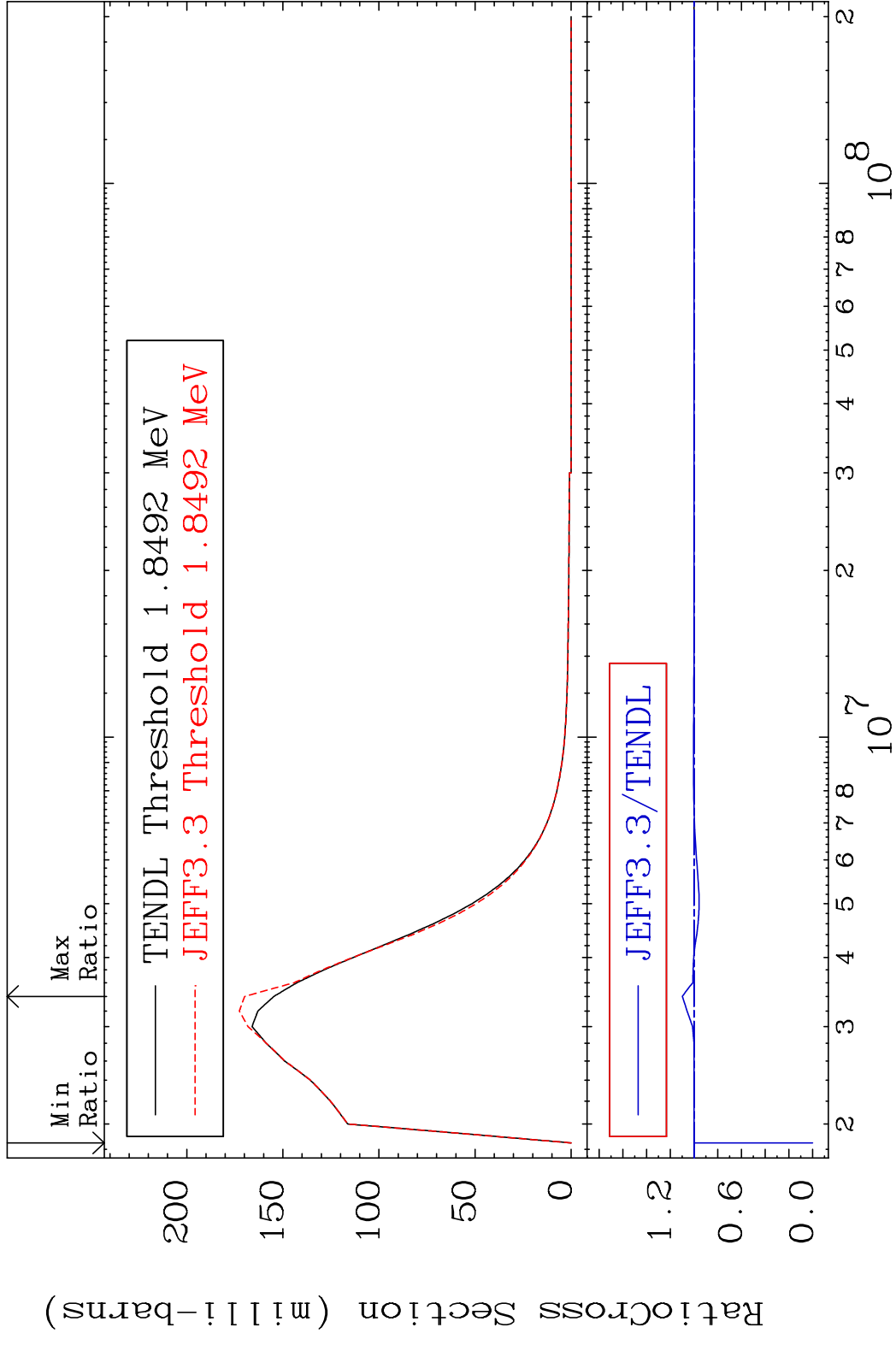
MAT 2328 MT= 55 (n,n') Level 23-V -51
 Cross Section -3.918 To 10.05 %



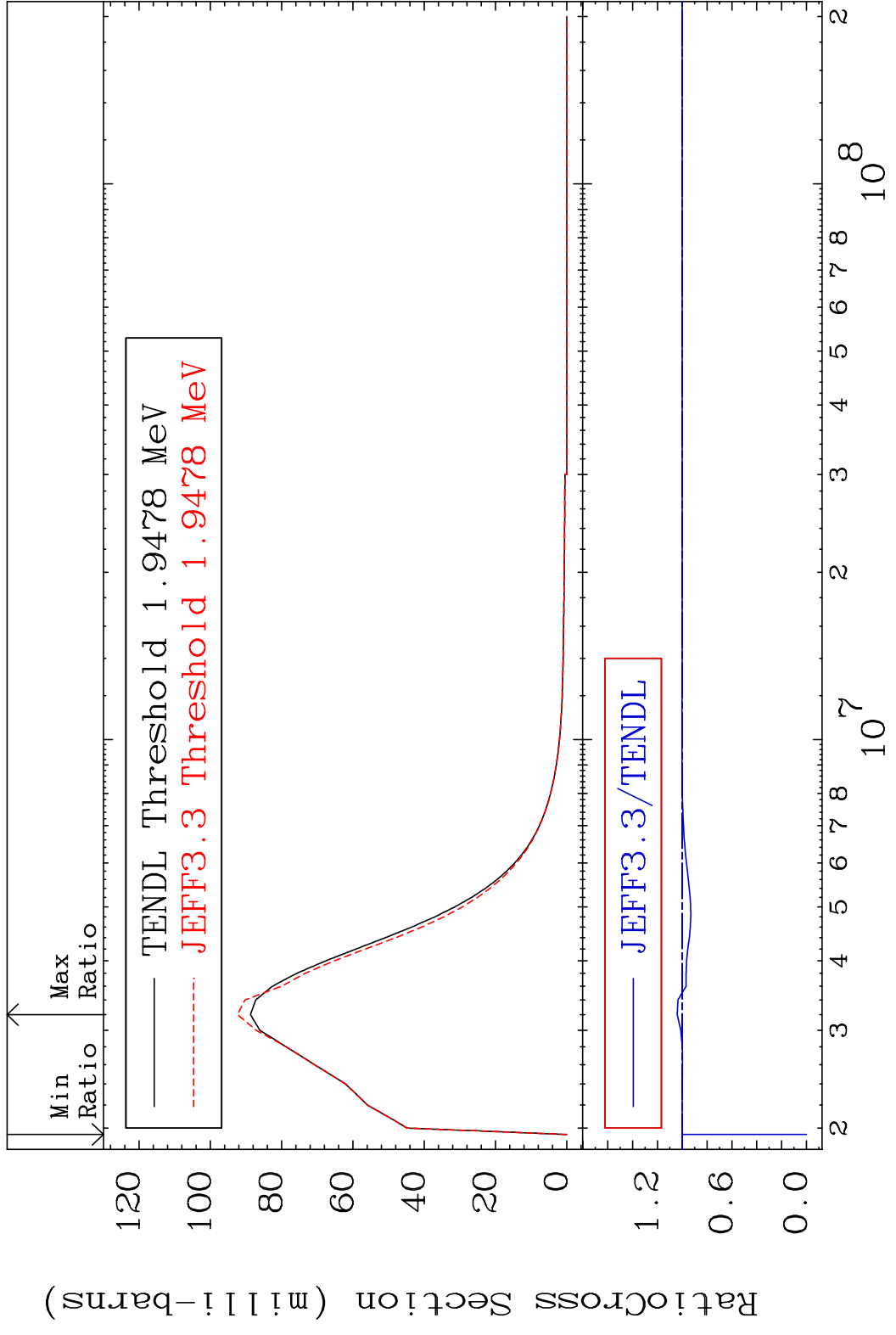
MAT 2328 MT= 56 (n,n') Level 23-V -51
 Cross Section -100.0 To 11.57 %



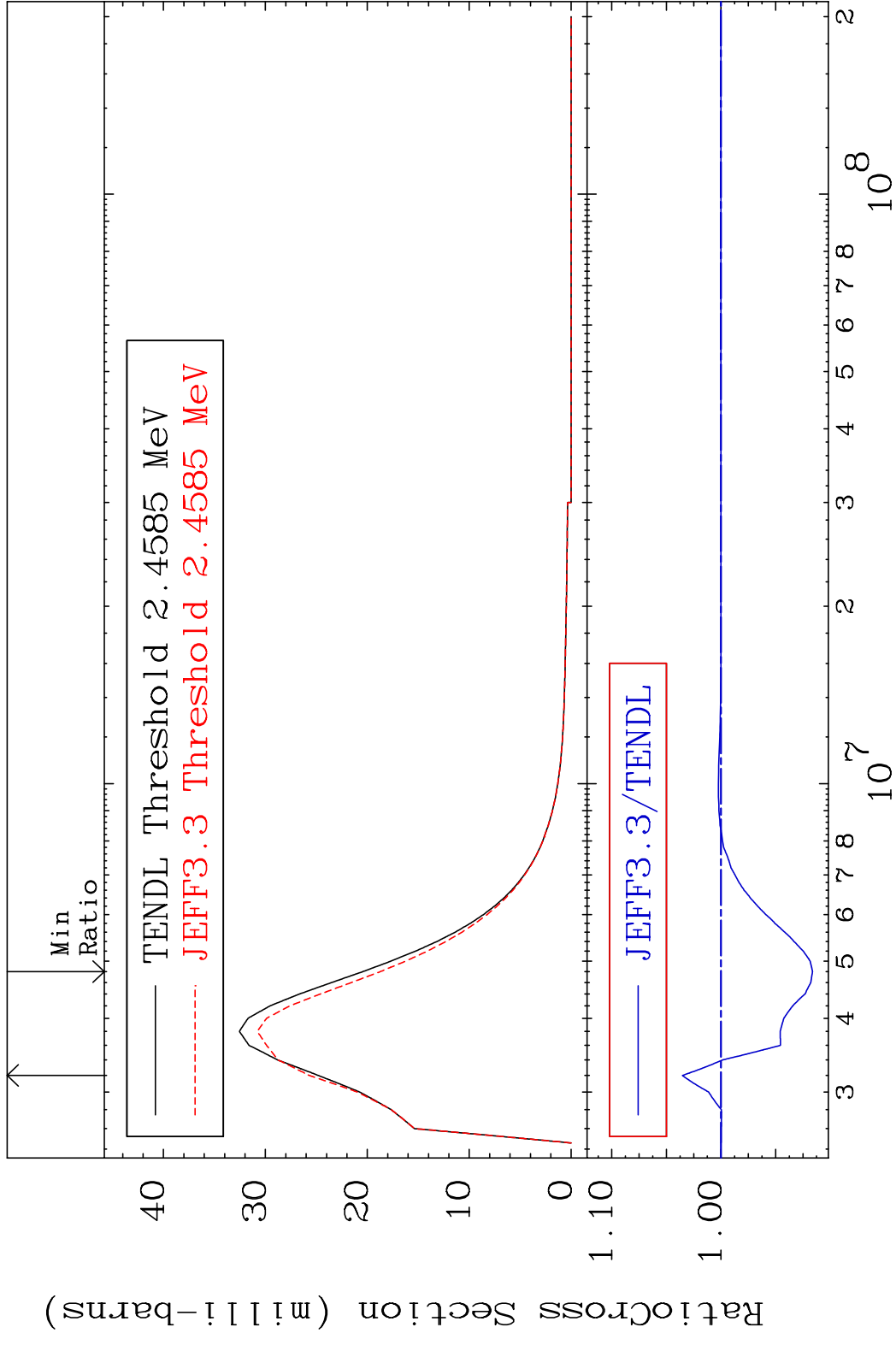
MAT 2328 MT= 57 (n, n') Level 23-V -51
 Cross Section -100.0 To 9.843 %



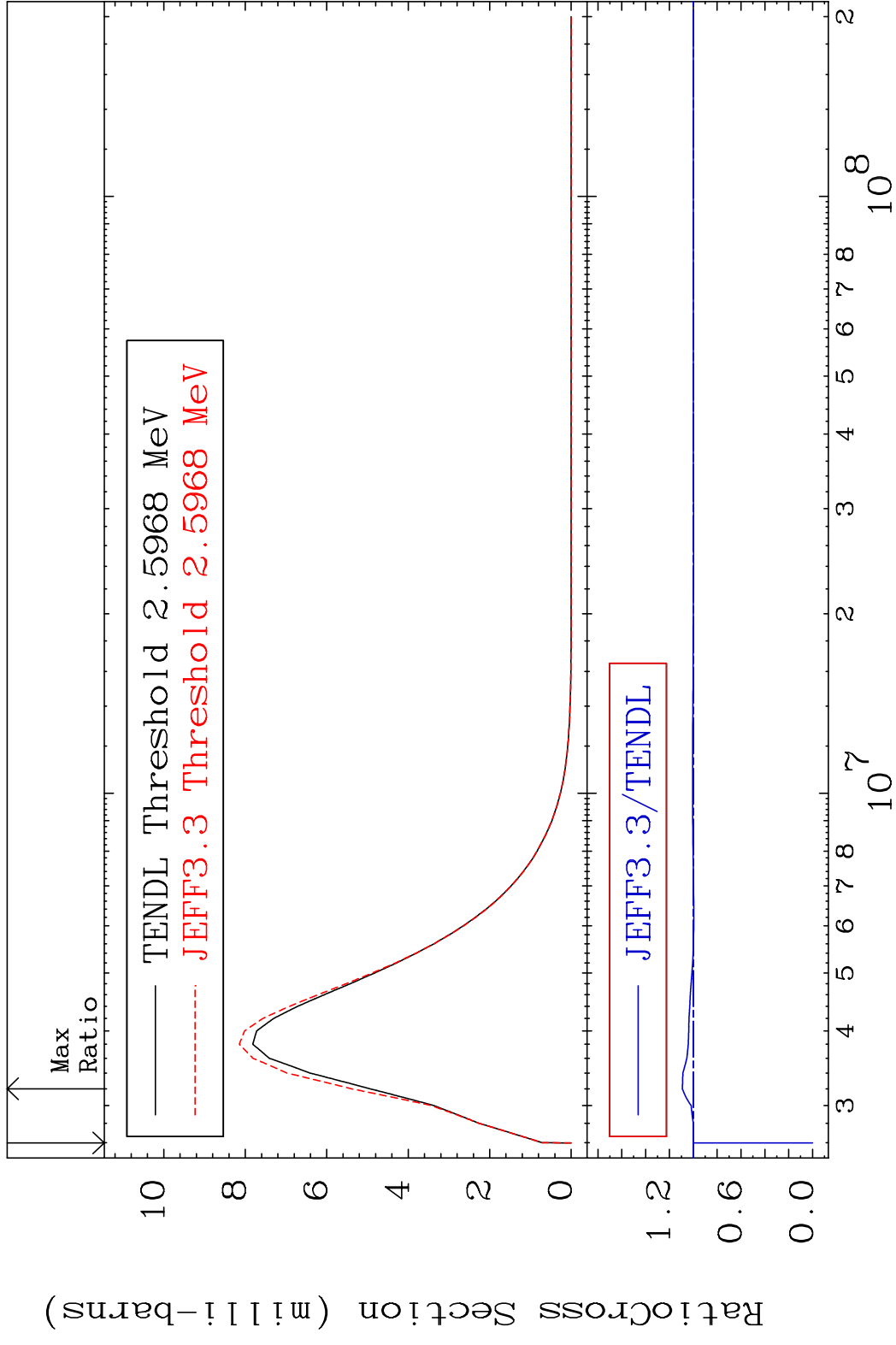
MAT 2328 MT= 58 (n, n') Level 23-V -51
 Cross Section -100.0 To 4.092 %



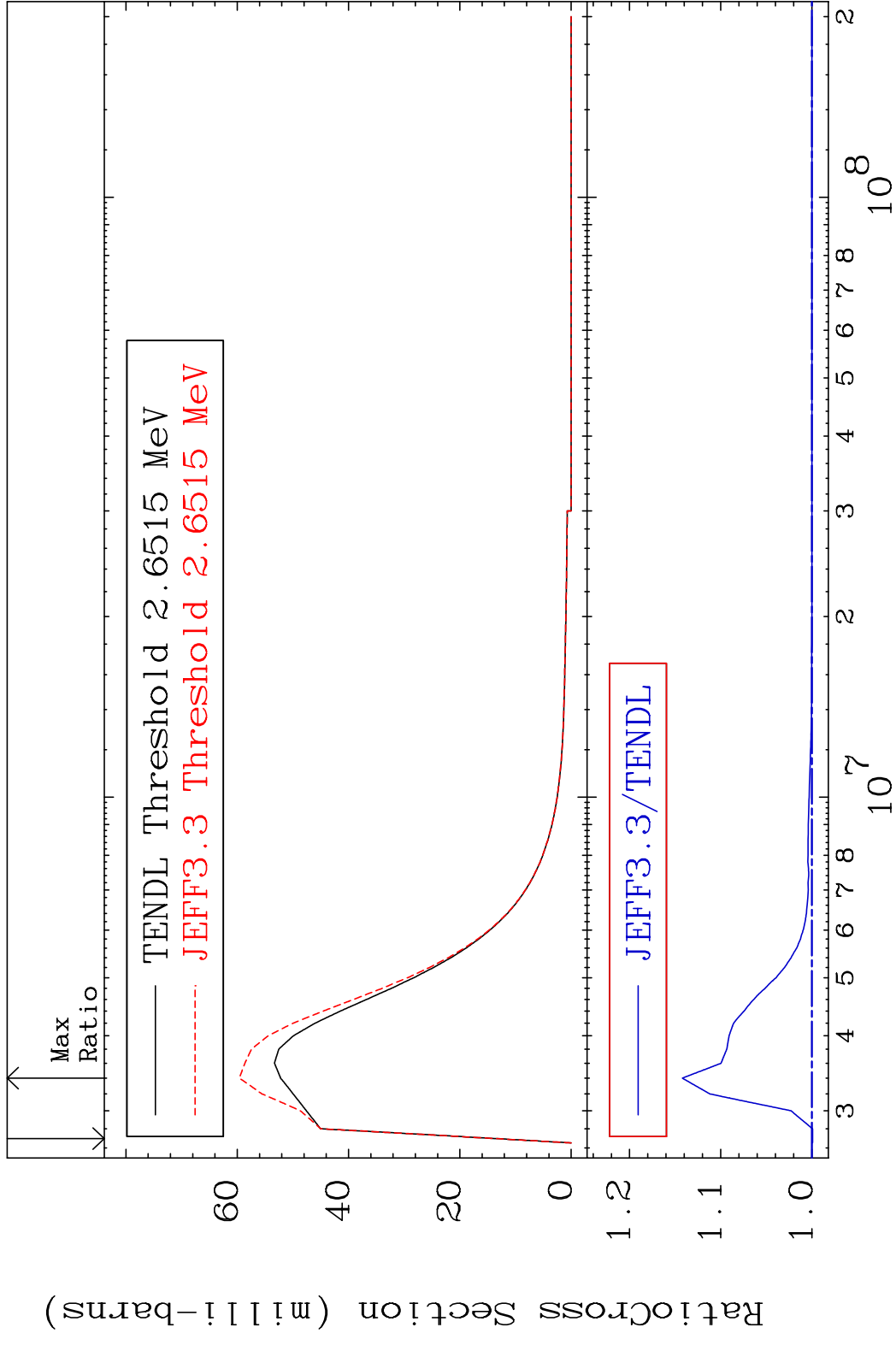
MAT 2328 MT= 59 (n, n') Level 23-V -51
 Cross Section -8.382 To 3.539 %



MAT 2328 MT= 60 (n, n') Level 23-V -51
 Cross Section -100.0 To 9.190 %



MAT 2328 MT= 61 (n, n') Level 23-V -51
 Cross Section -0.079 To 14.21 %

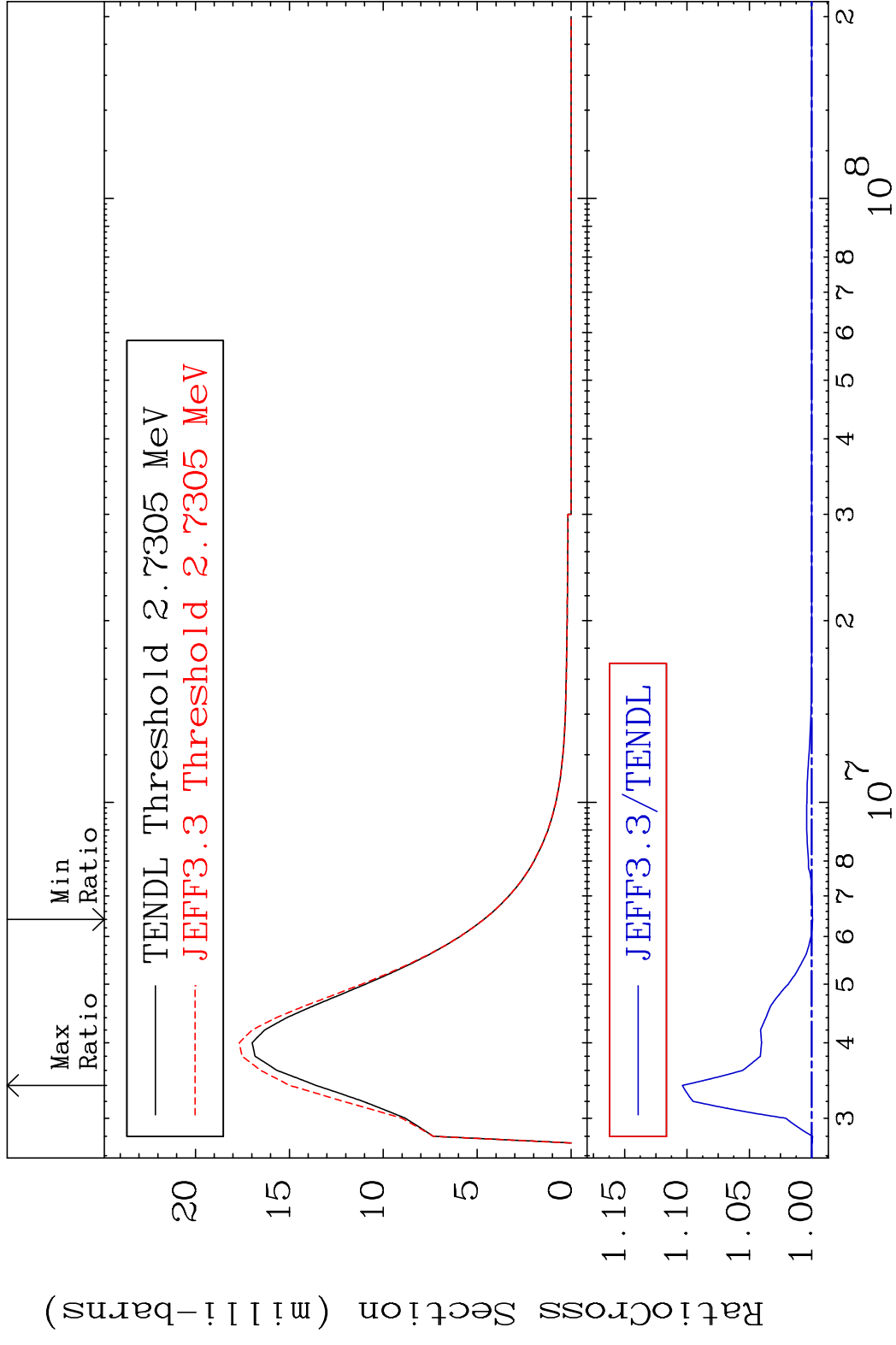


MAT 2328

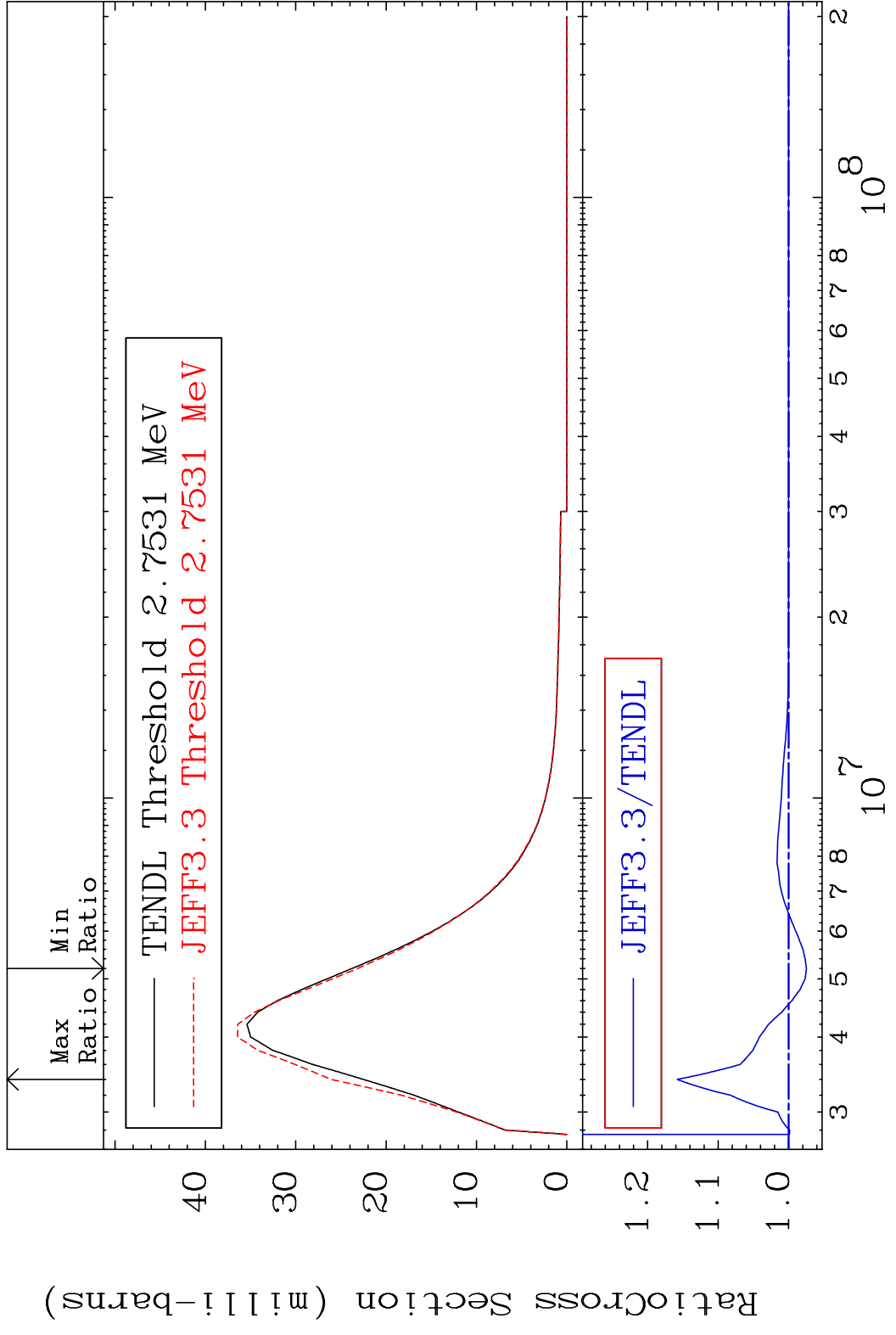
MT= 62 (n, n') Level

23-V -51

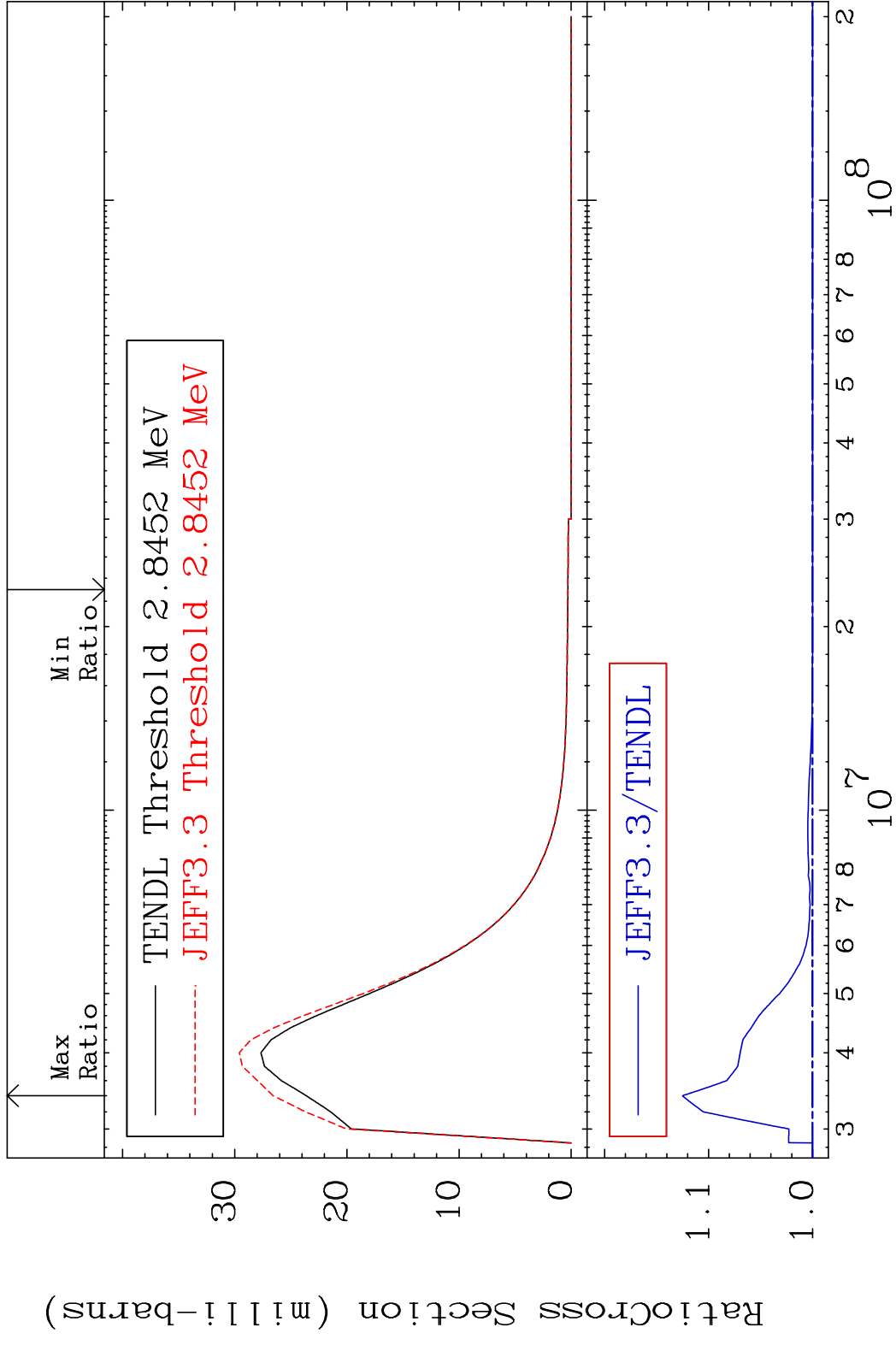
Cross Section -0.070 To 10.38 %



MAT 2328 MT= 63 (n, n') Level 23-V -51
 Cross Section -2.513 To 15.81 %



MAT 2328 MT= 64 (n,n') Level 23-V -51
 Cross Section 0.000 To 12.52 %



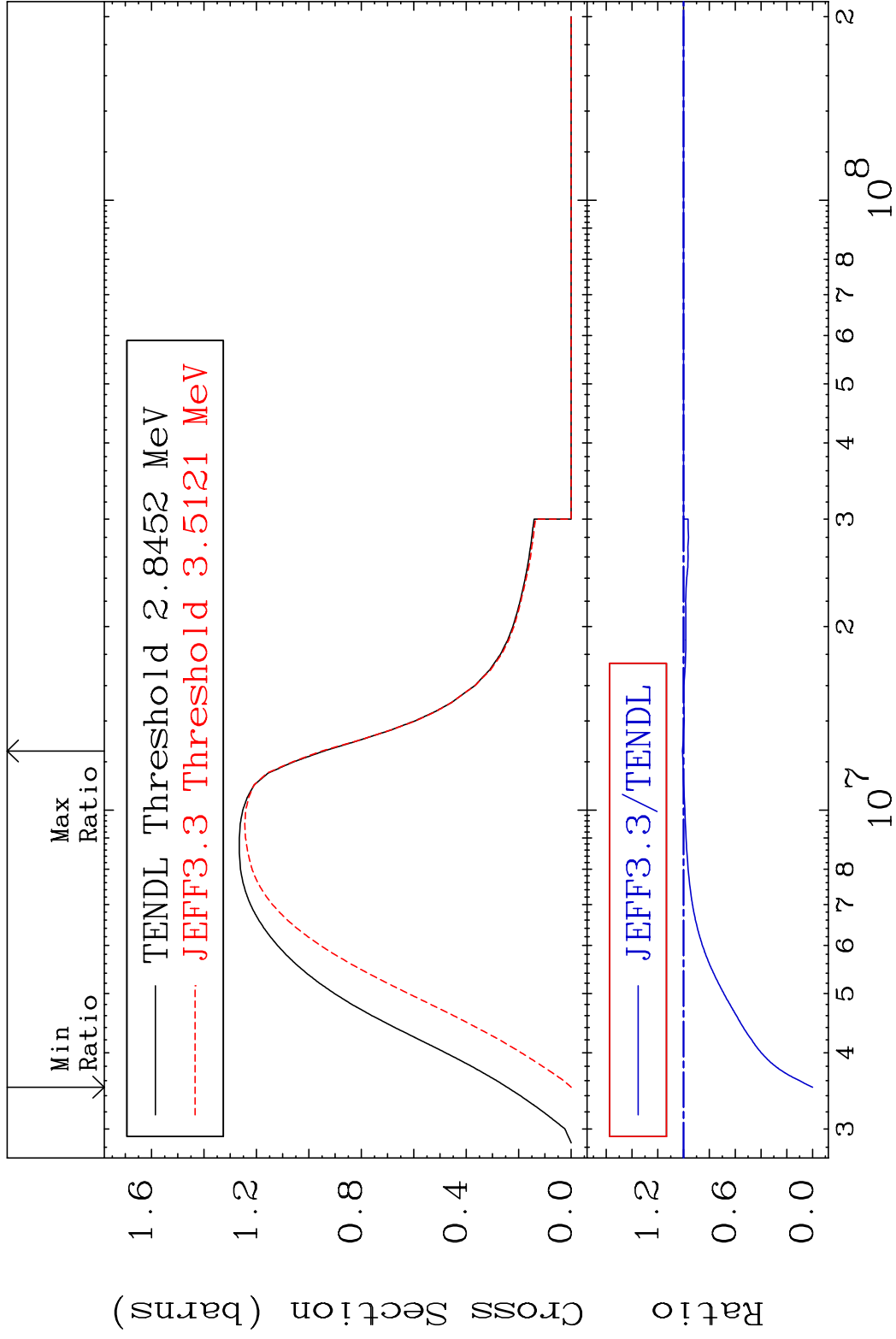
30 Incident Energy (eV) 23-V -51

MAT 2328

(n, n') Continuum

23-V -51

Cross Section -100.0 To 0.983 %



31

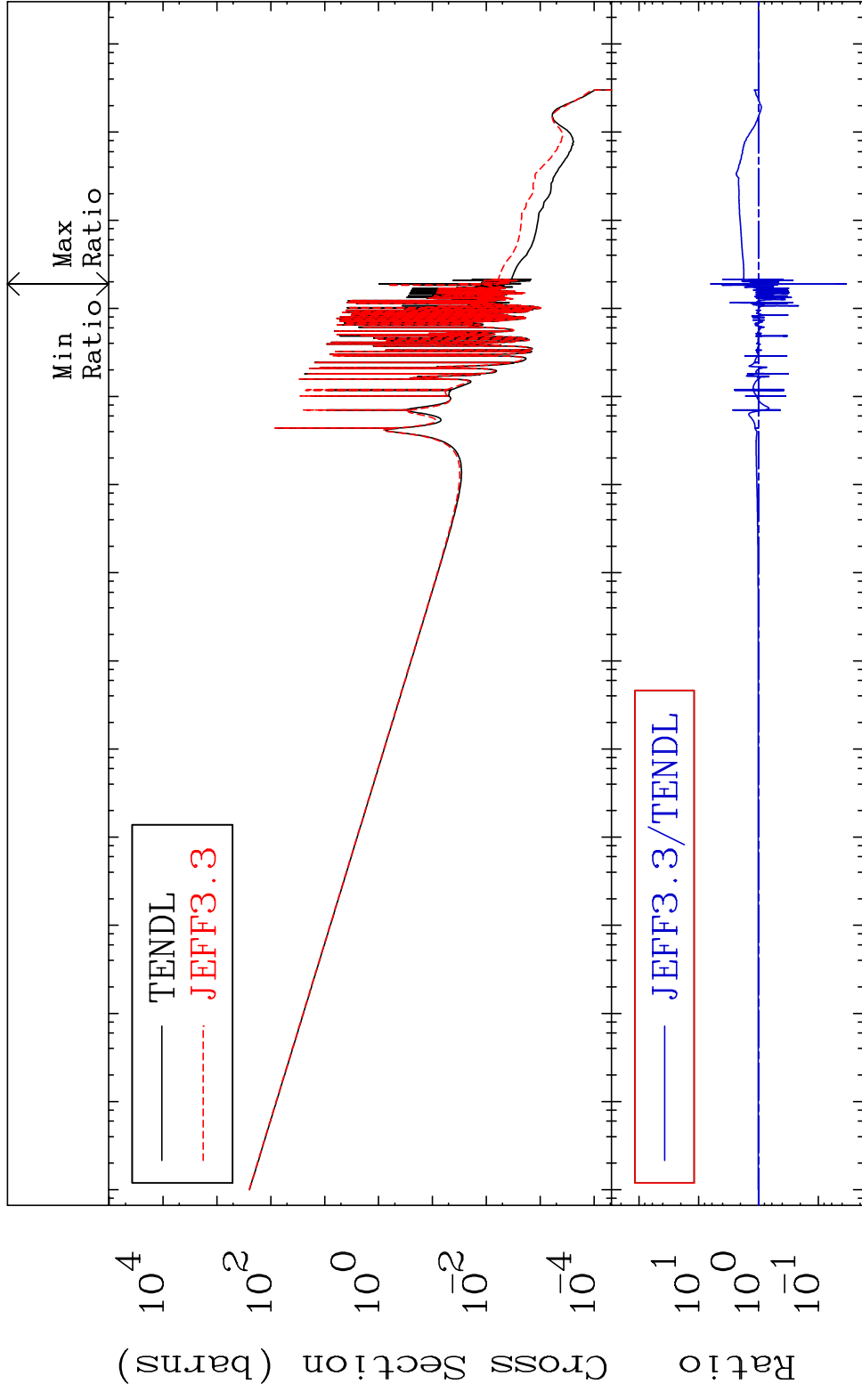
Incident Energy (eV)

23-V -51

MAT 2328

(n, γ)

Cross Section -96.60 To 530.6 %
23-V -51

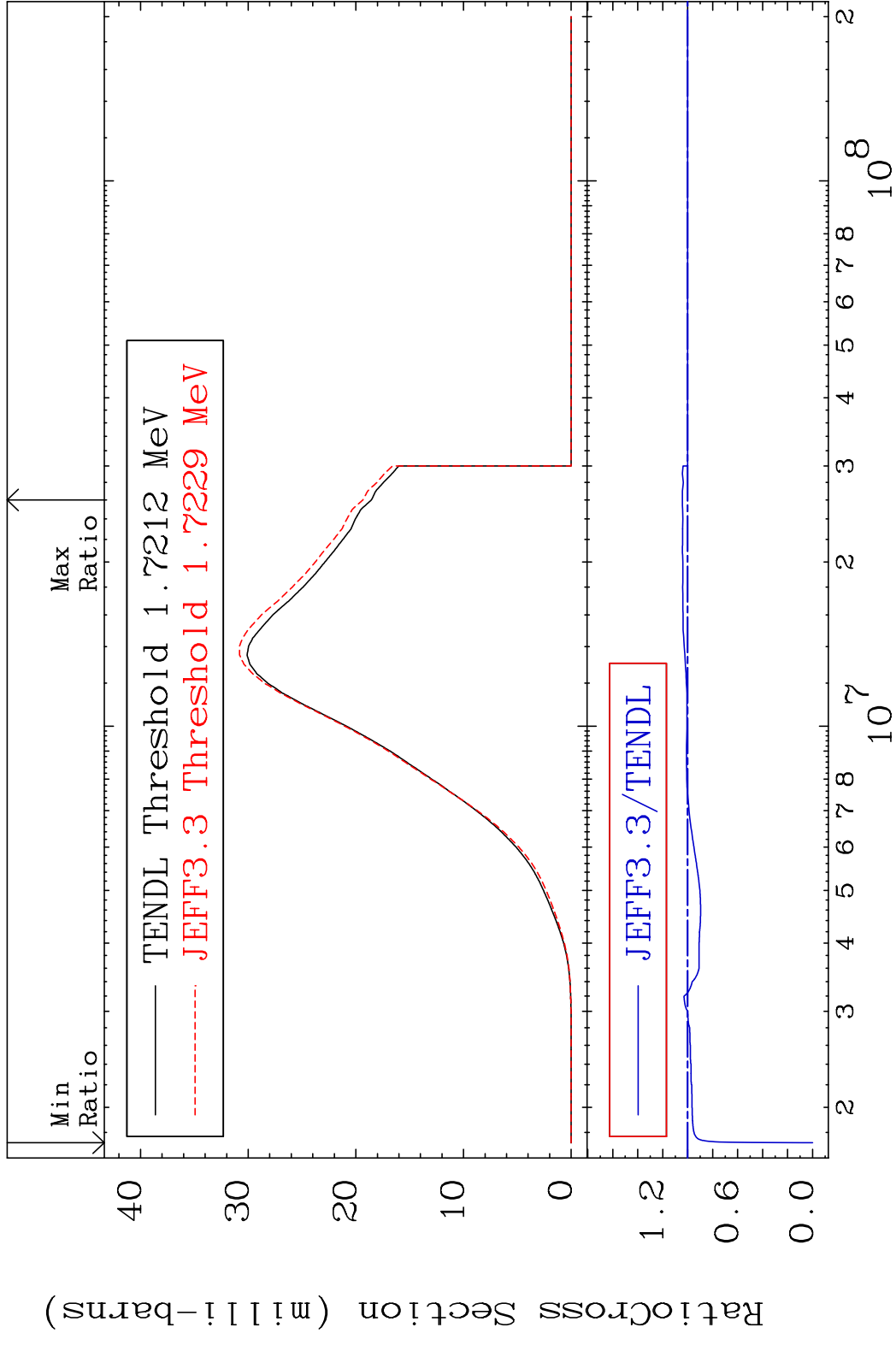


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Incident Energy (eV)

23-V -51

MAT 2328 (n,p) 23-V -51
 Cross Section -100.0 To 4.276 %

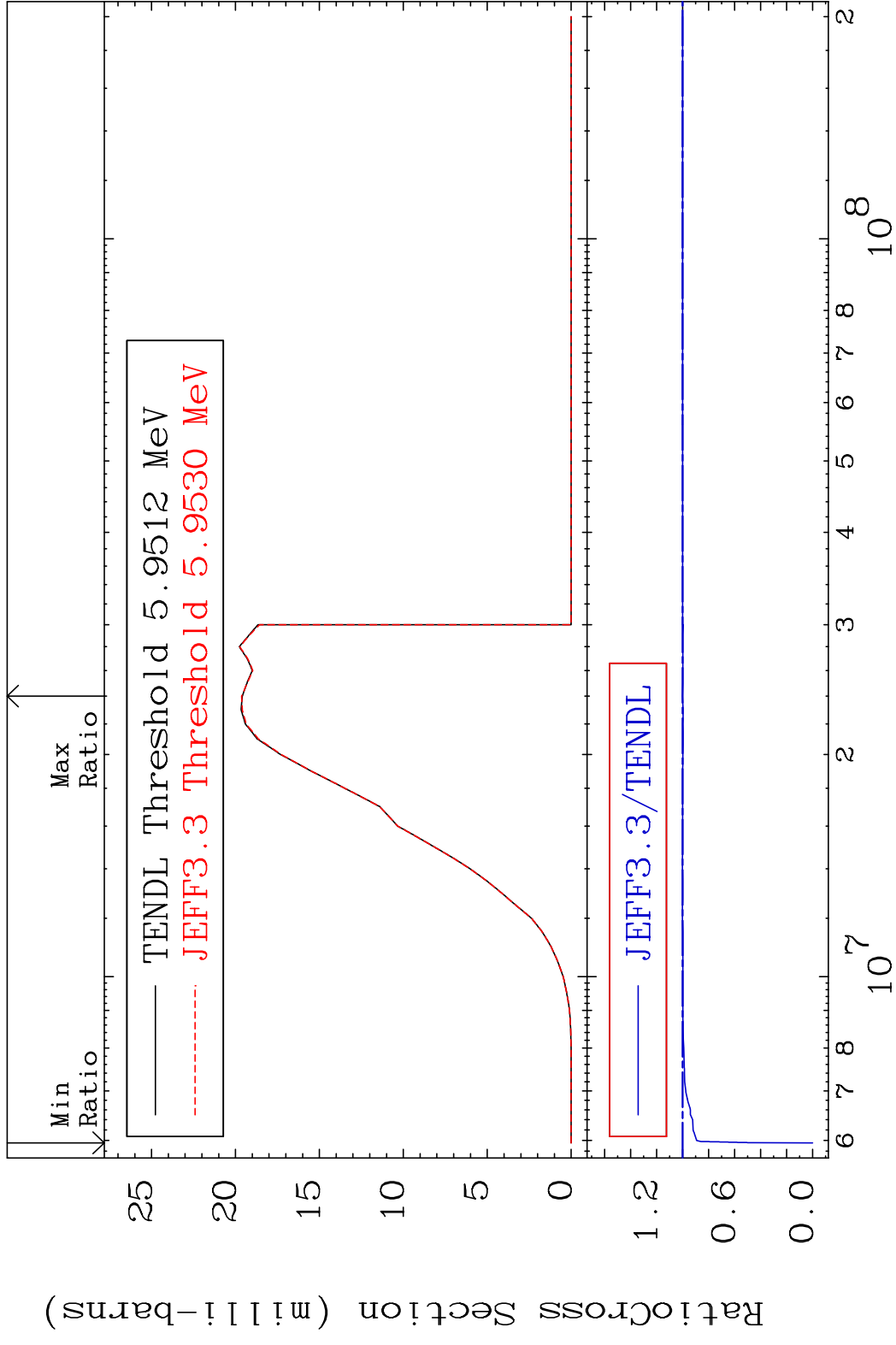


MAT 2328

(n,d)

23-V -51

Cross Section -100.0 To 0.200 %

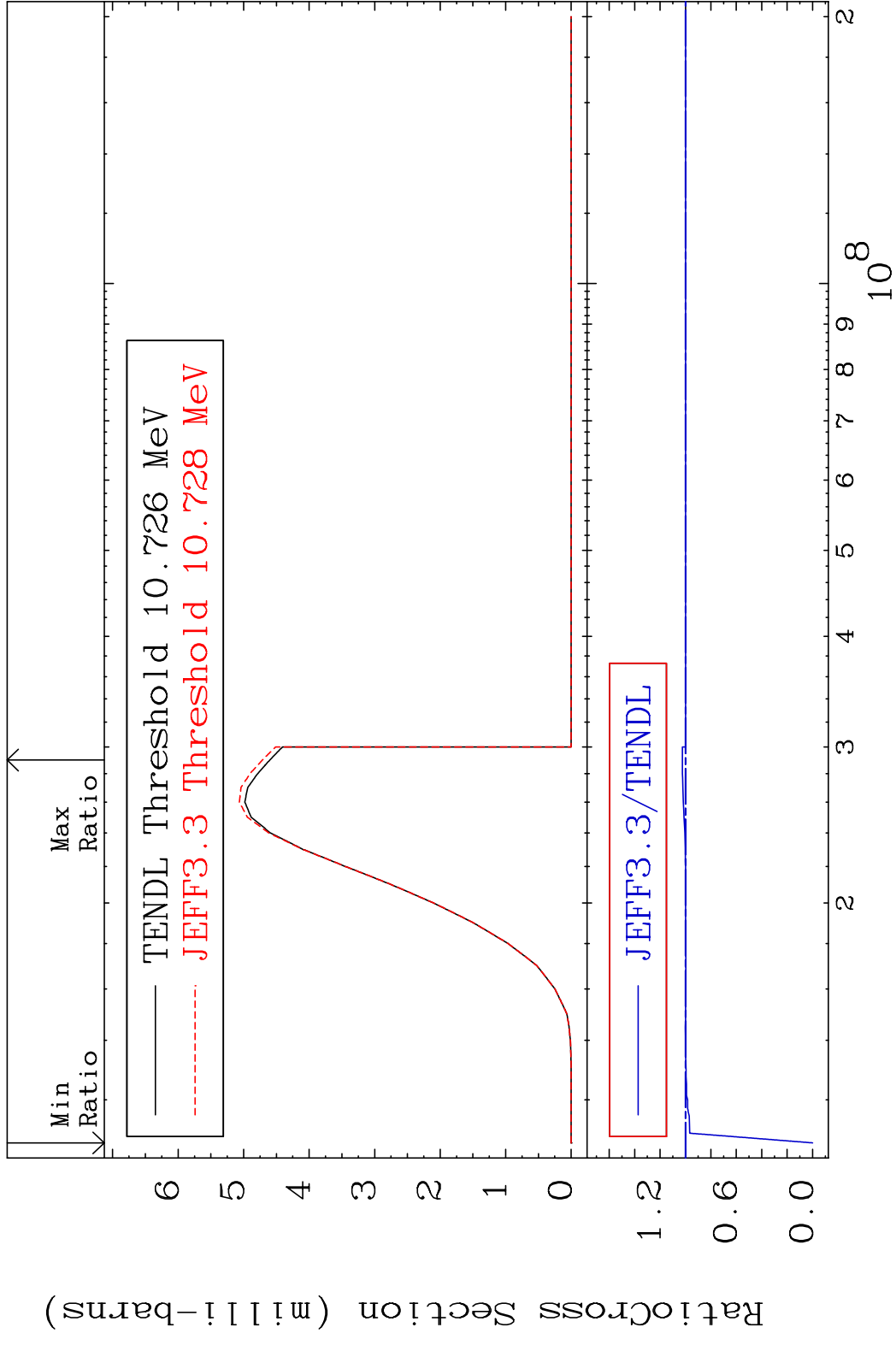


34

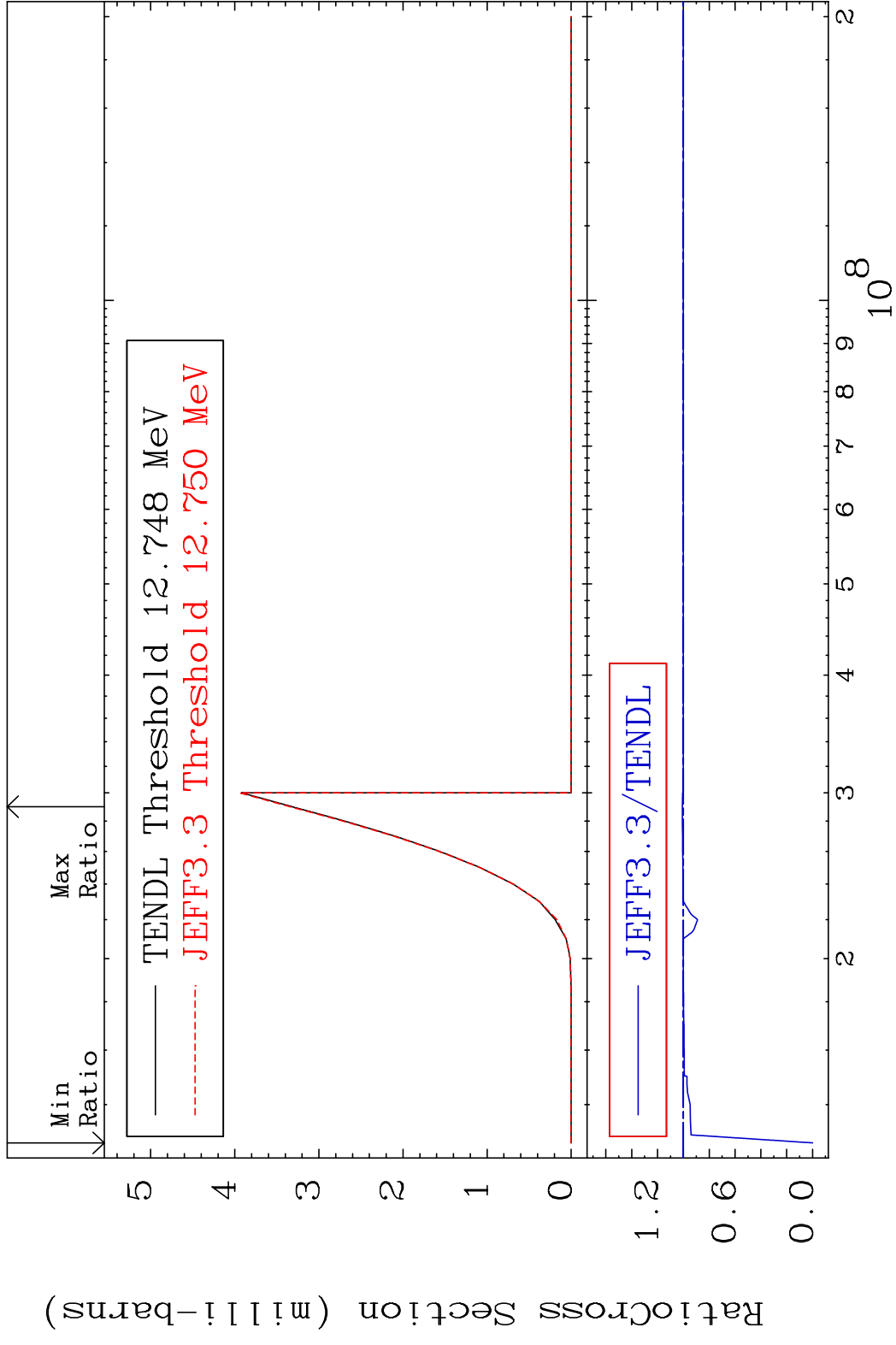
Incident Energy (eV)

23-V -51

MAT 2328 (n, t) 23-V -51
 Cross Section -100.0 To 2.455 %



Cross Section -100.0 To 0.788 %

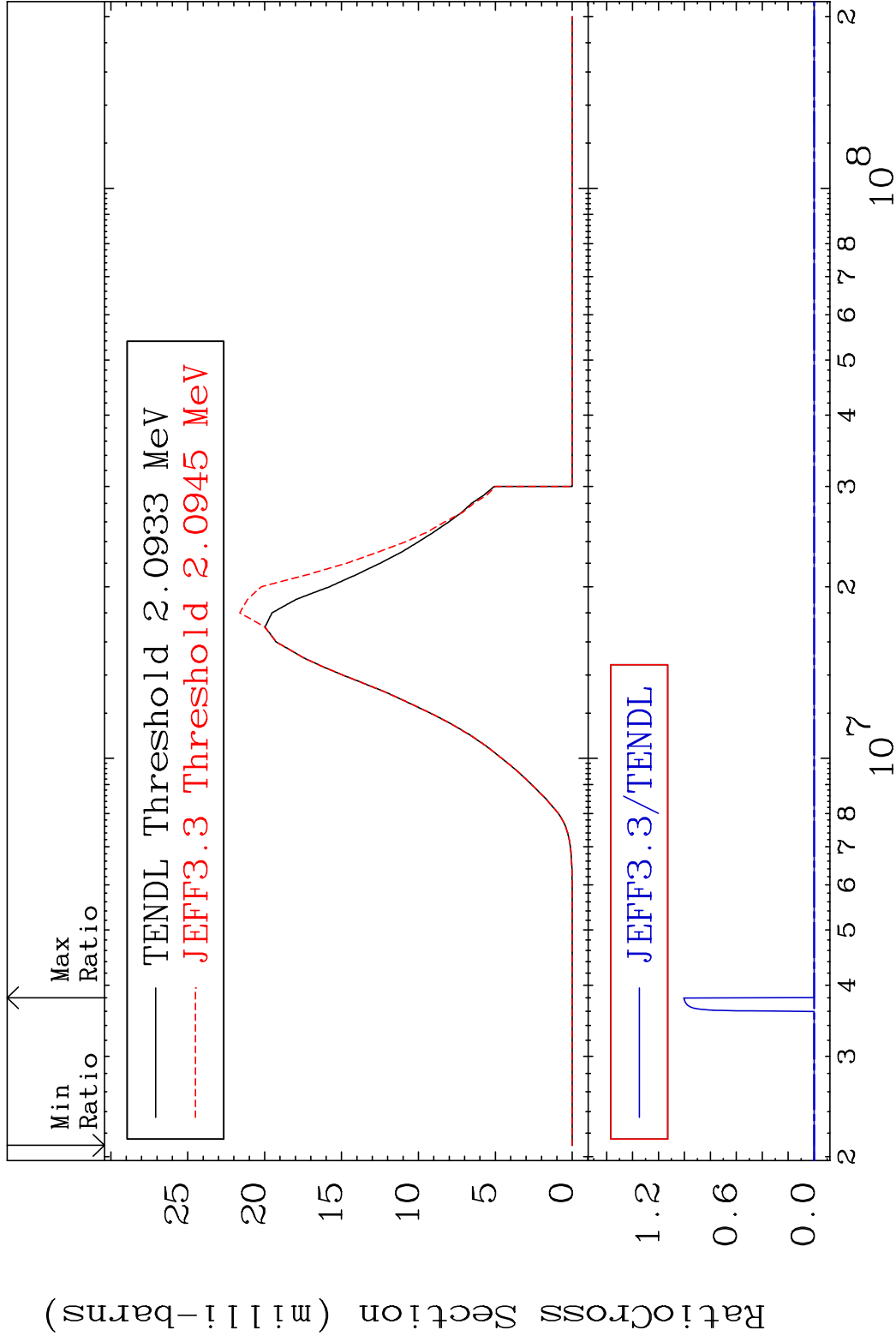


MAT 2328

(n, α)

23-V -51

Cross Section -100.0 To 9999. %

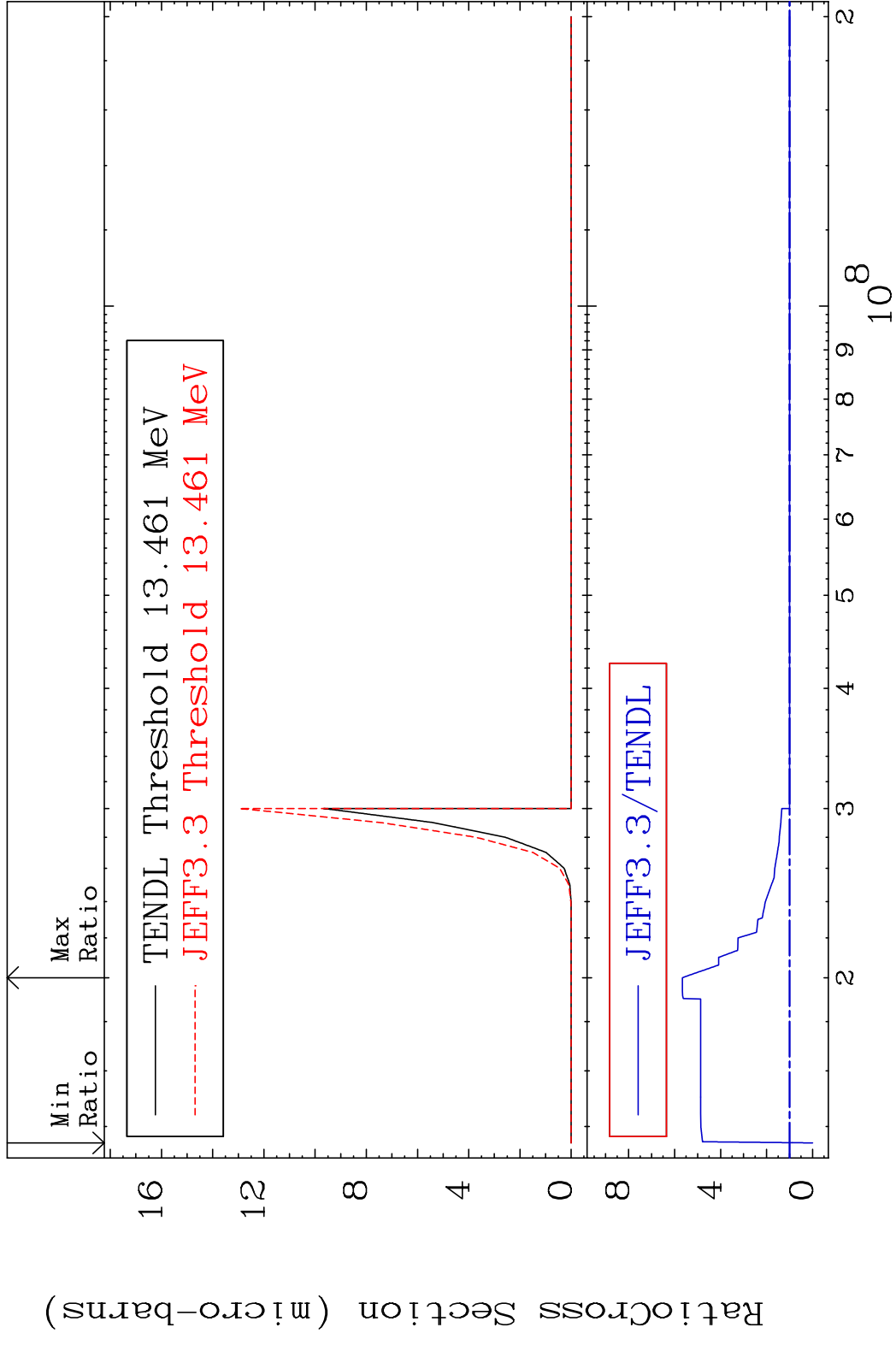


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Incident Energy (eV)

23-V -51

MAT 2328 (n,2α) 23-V -51
 Cross Section -100.0 To 466.3 %

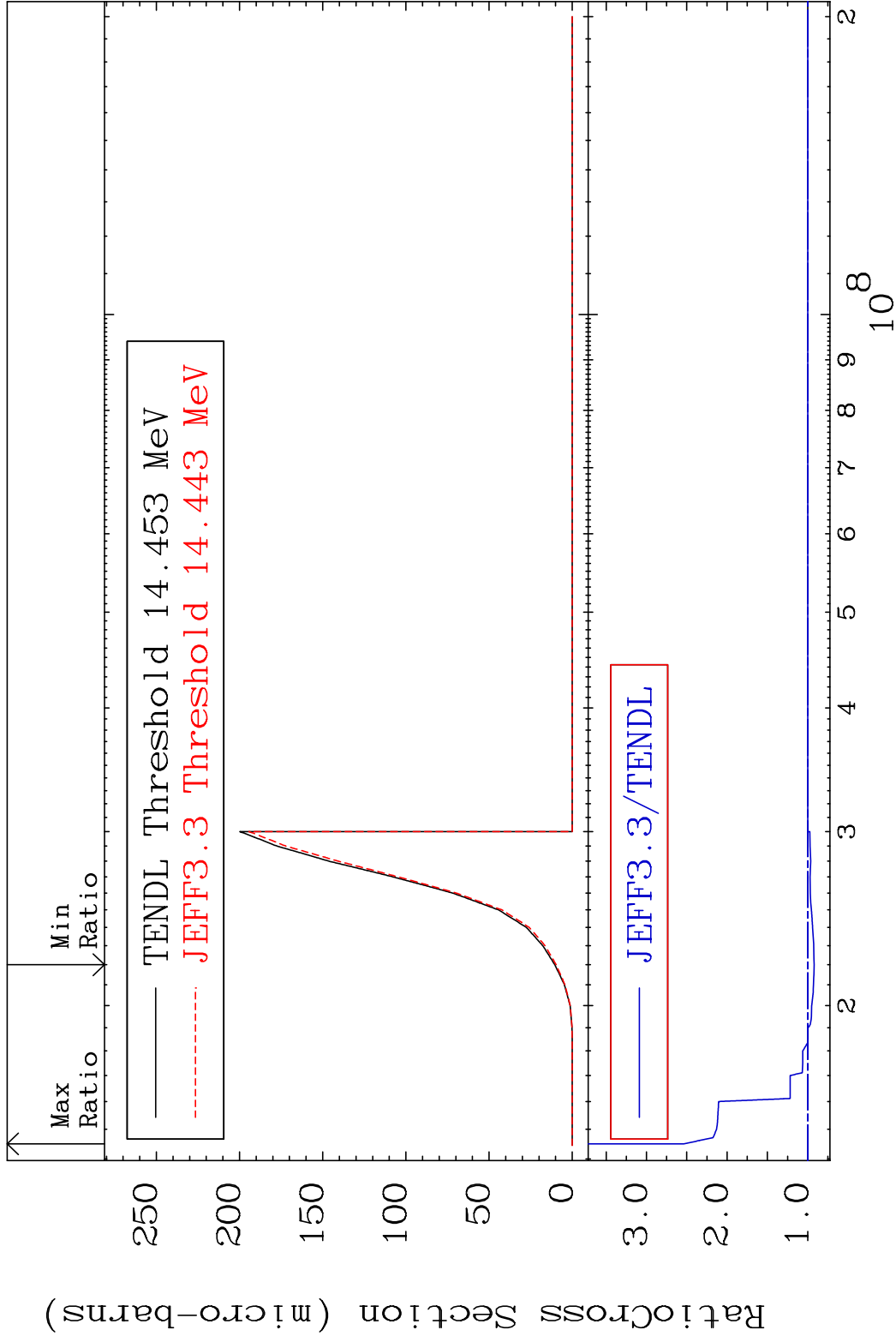


MAT 2328

(n,2p)

23-V -51

Cross Section -7.949 To 153.8 %

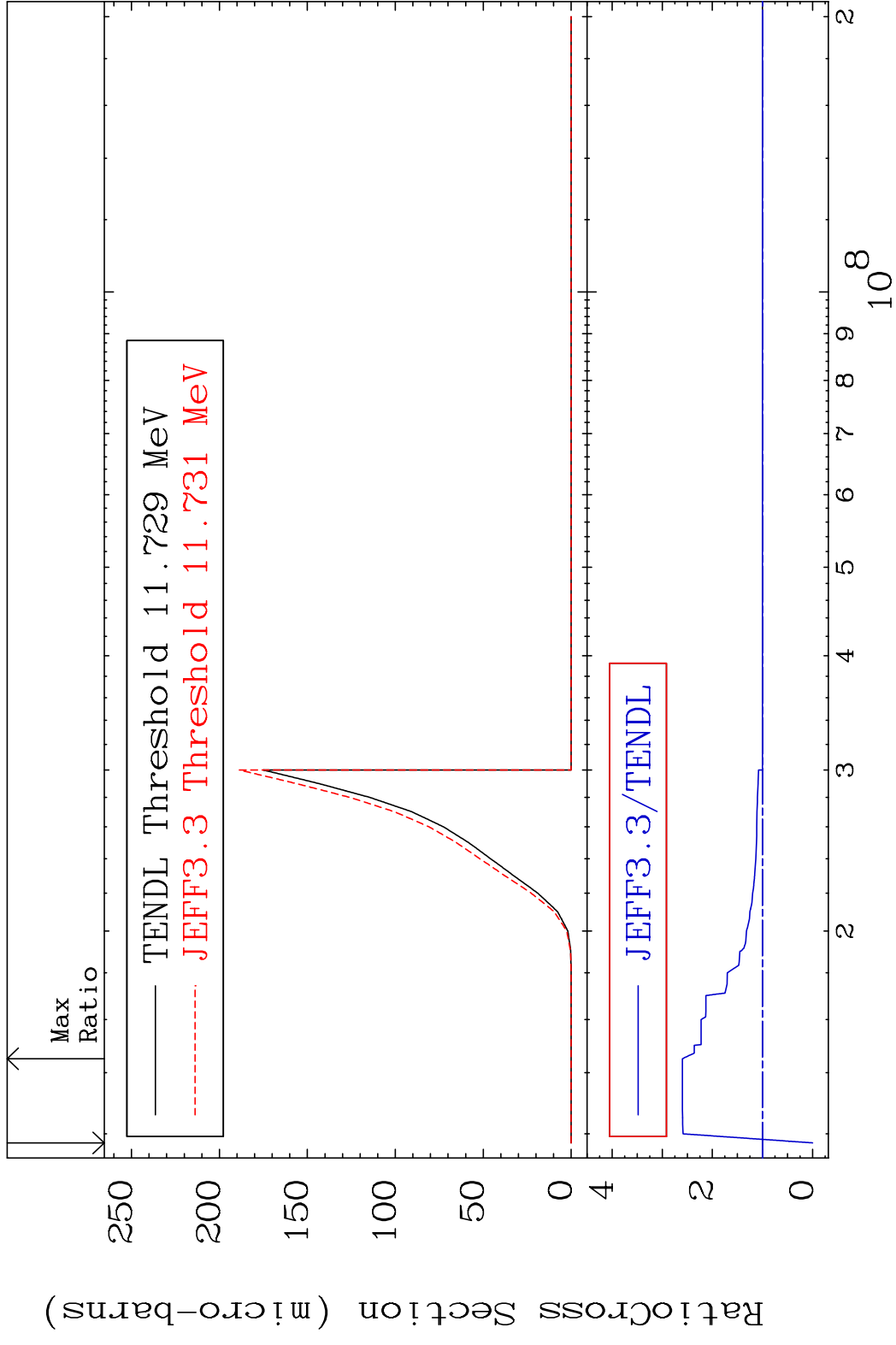


39

Incident Energy (eV)

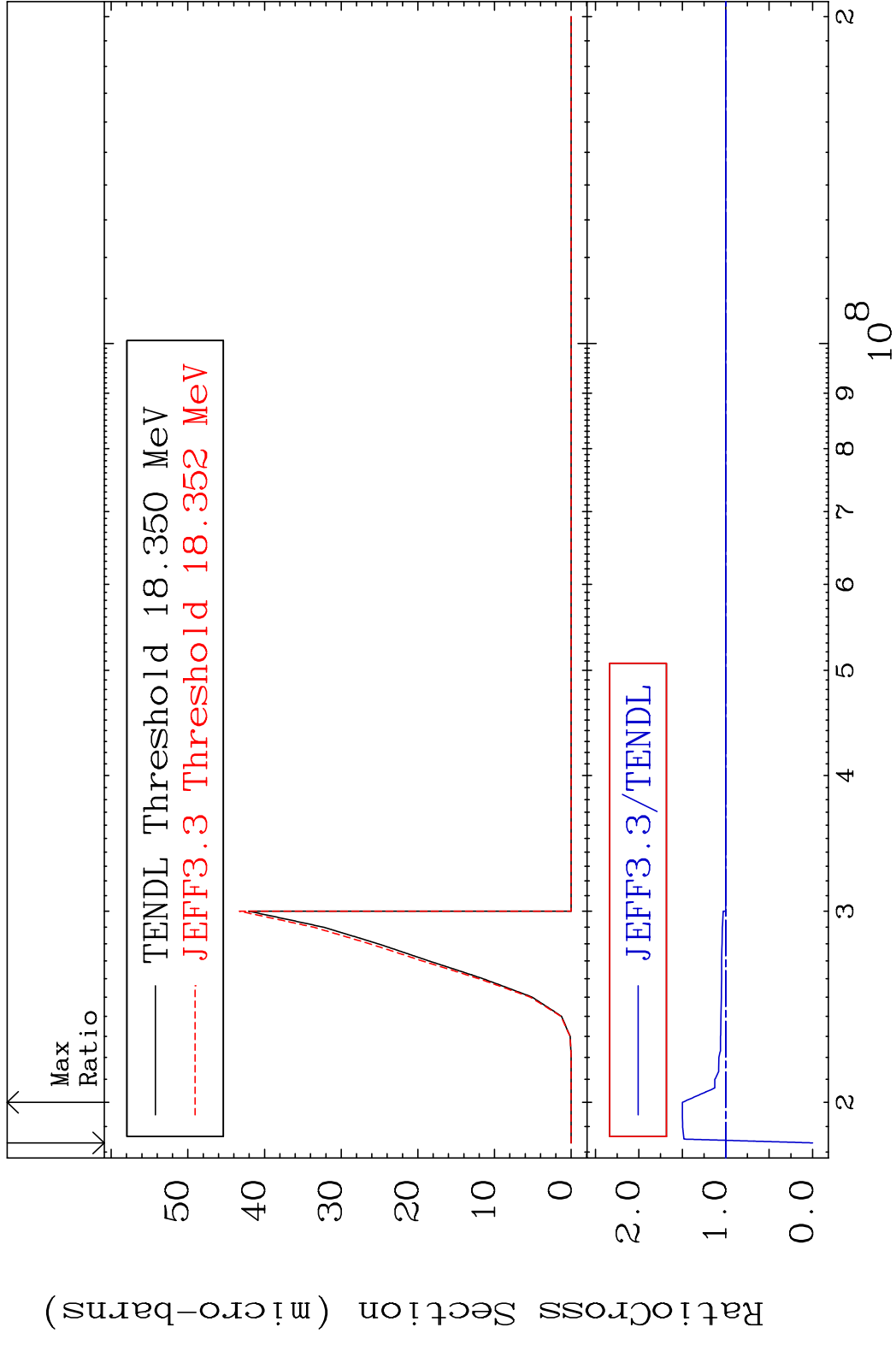
23-V -51

MAT 2328 (n,p) α 23-V -51
 Cross Section -100.0 To 159.9 %

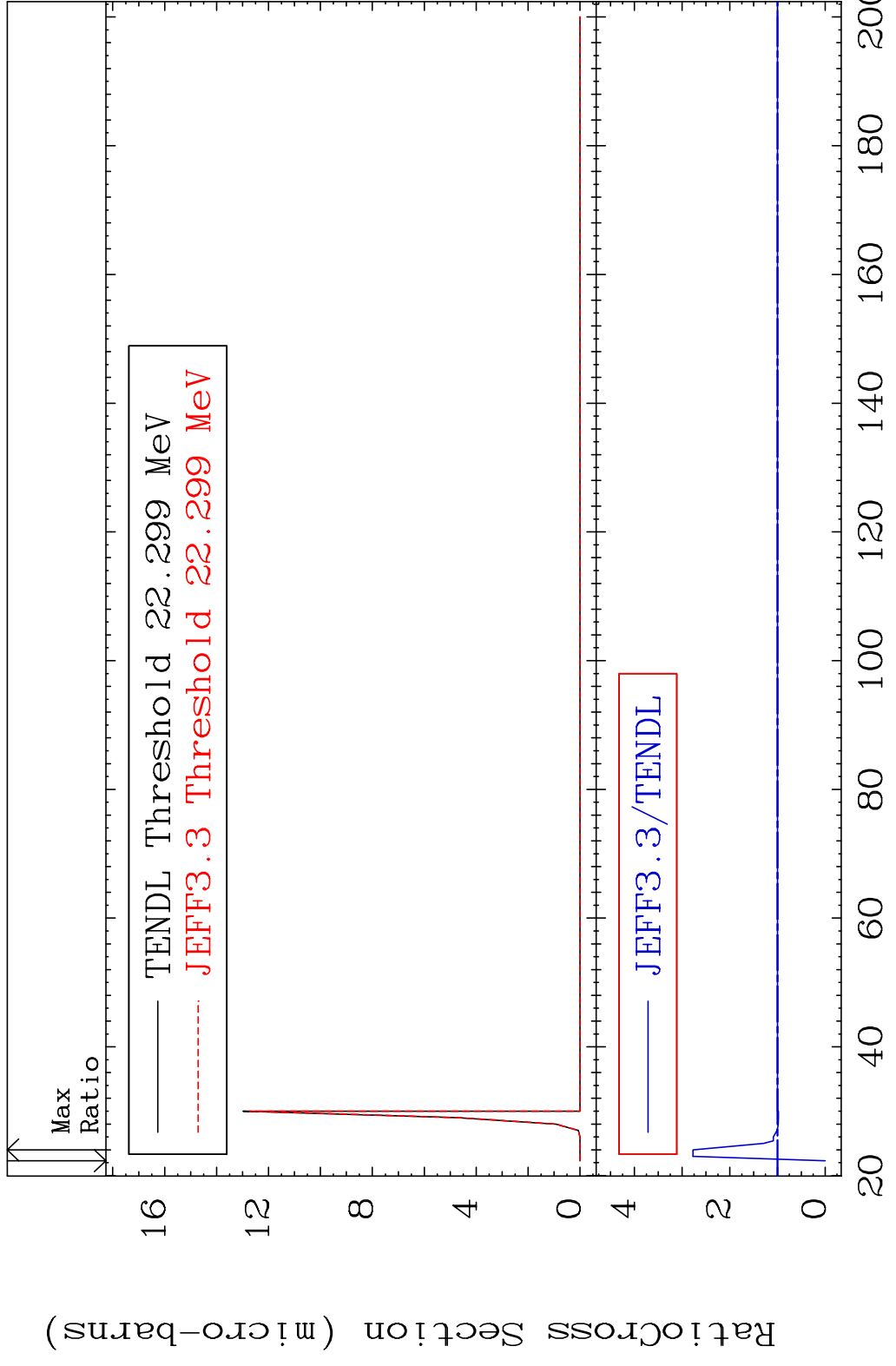


40 Incident Energy (eV) 23-V -51

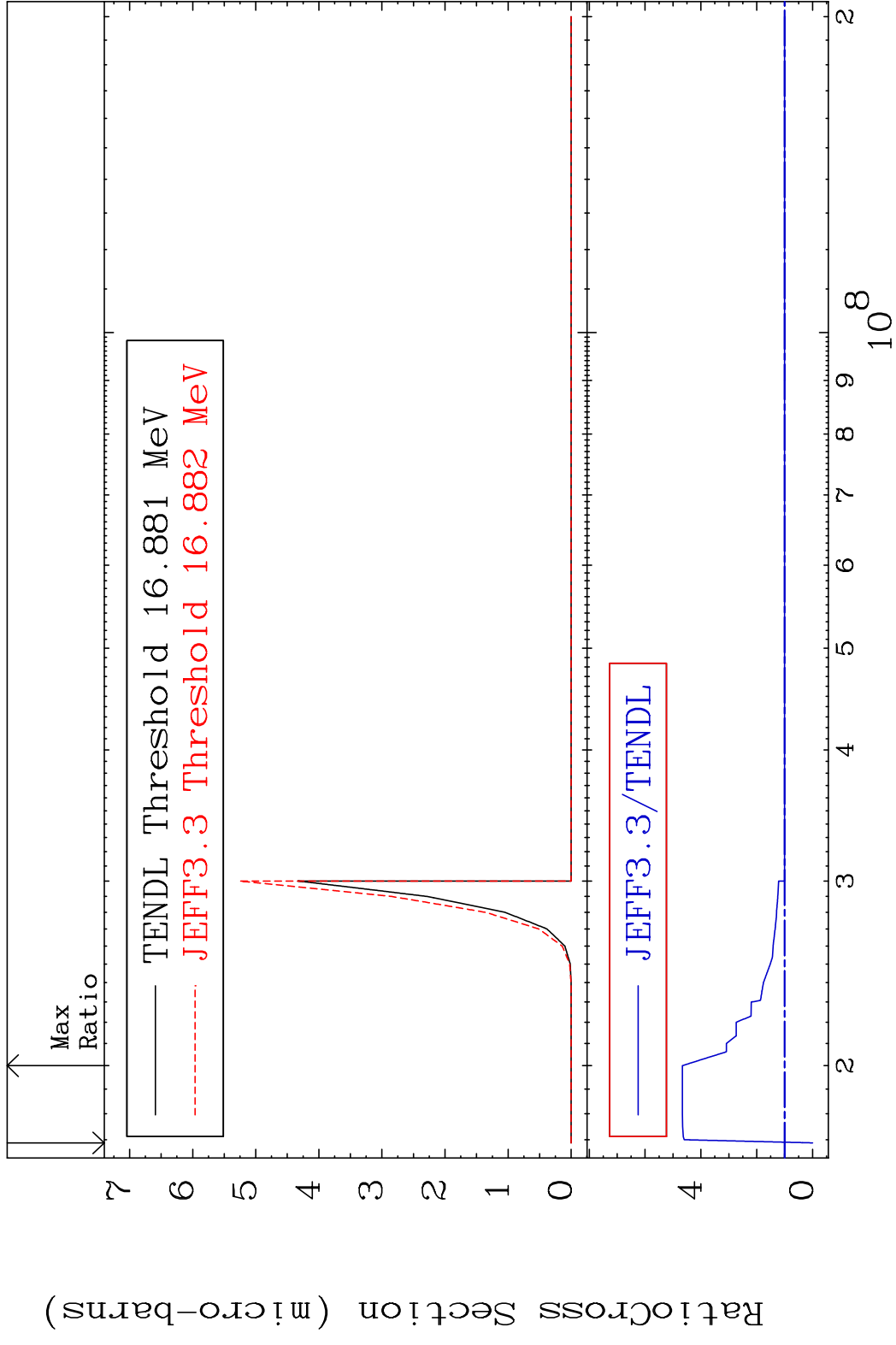
MAT 2328 (n,p) d 23-V -51
 Cross Section -100.0 To 49.94 %



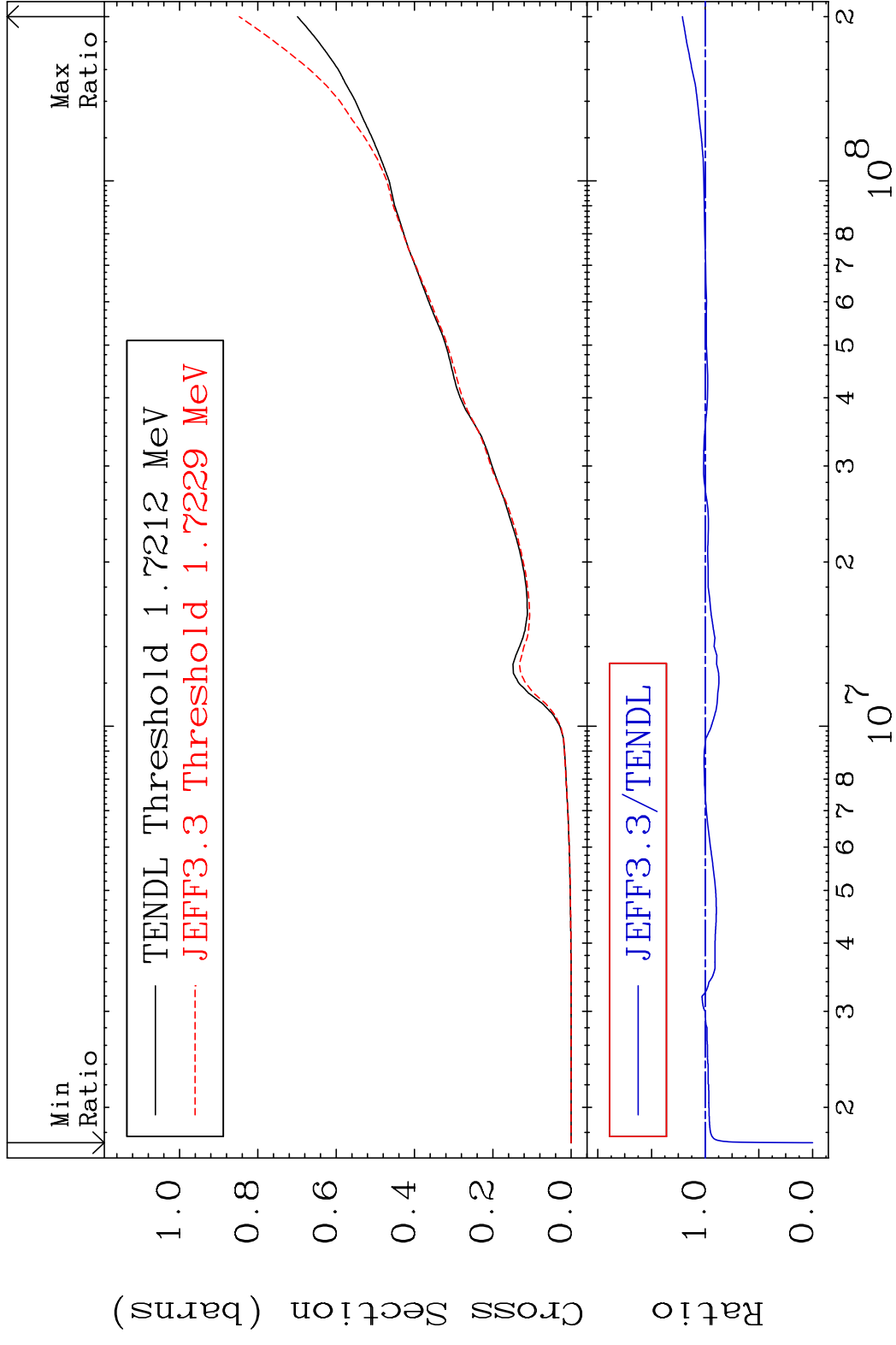
MAT 2328 (n,p) t 23-V -51
 Cross Section -100.0 To 177.4 %



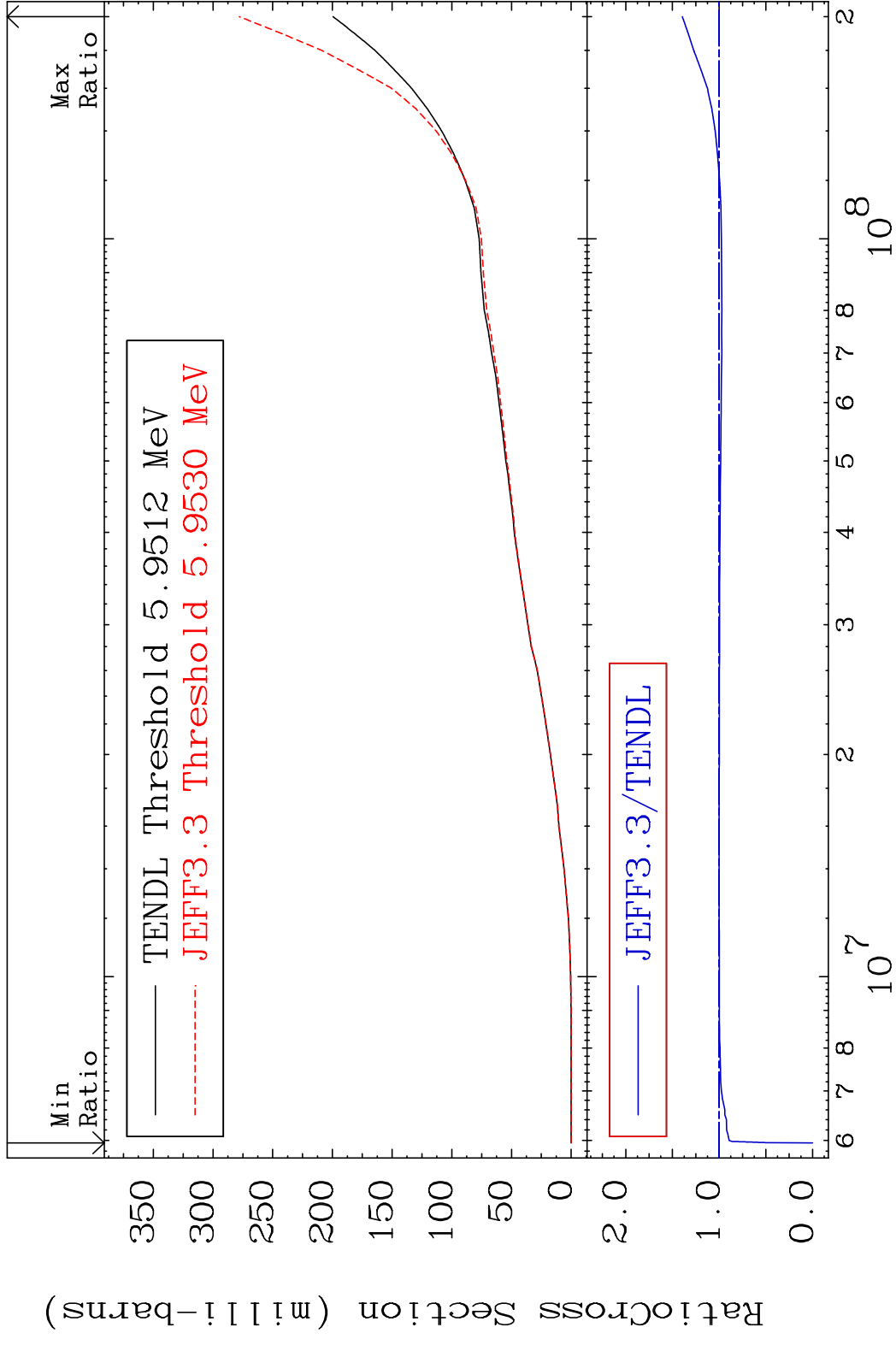
MAT 2328 (n,d) α 23-V -51
 Cross Section -100.0 To 366.4 %



MAT 2328 Hydrogen Production 23-V -51
 Cross Section -100.0 To 21.26 %

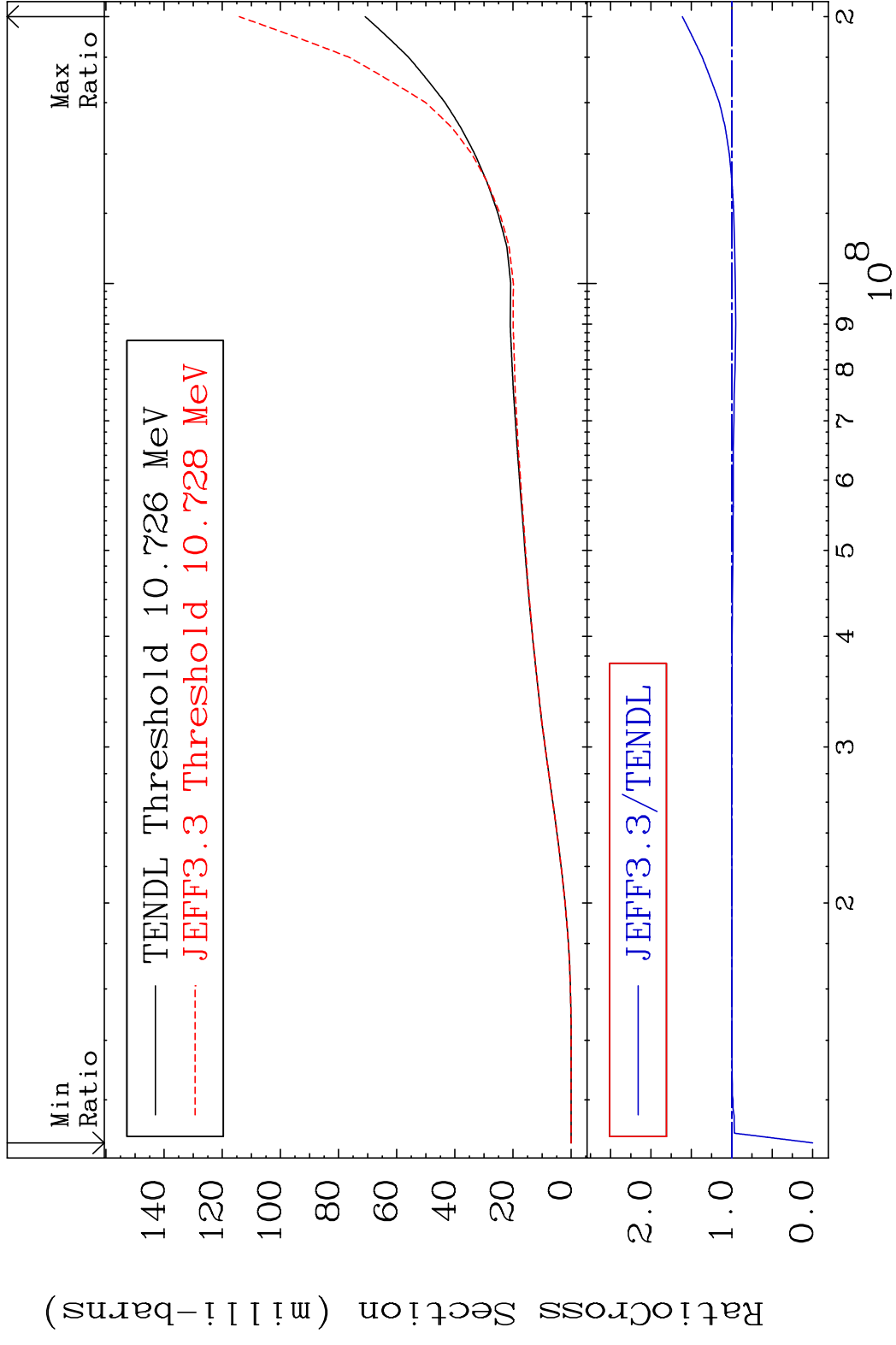


MAT 2328 Deuterium Production 23-V -51
 Cross Section -100.0 To 39.39 %



45 Incident Energy (eV) 23-V -51

MAT 2328 Tritium Production 23-V -51
 Cross Section -100.0 To 61.16 %

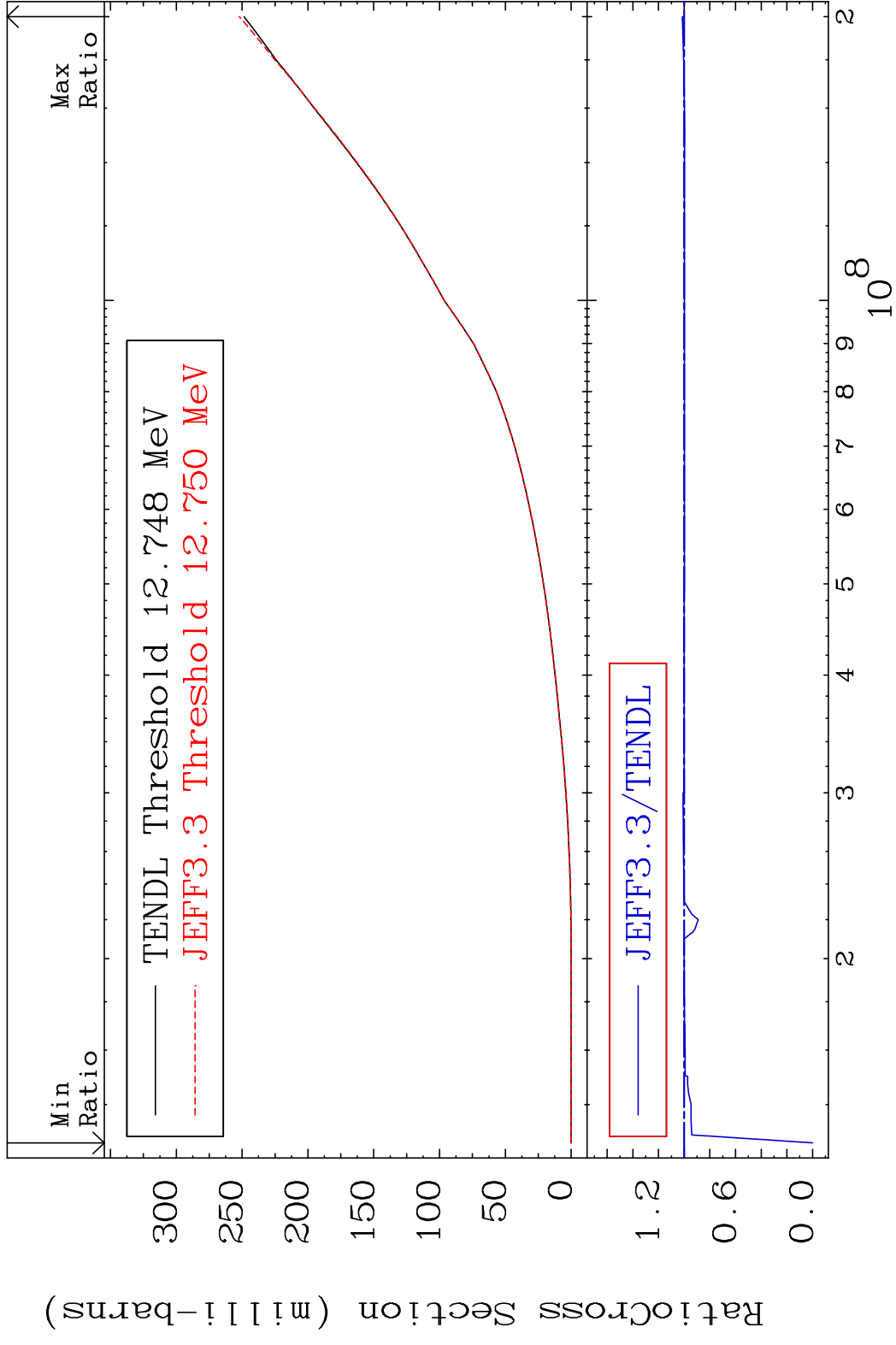


MAT 2328

He-3 Production

23-V -51

Cross Section -100.0 To 1.433 %



47

Incident Energy (eV)

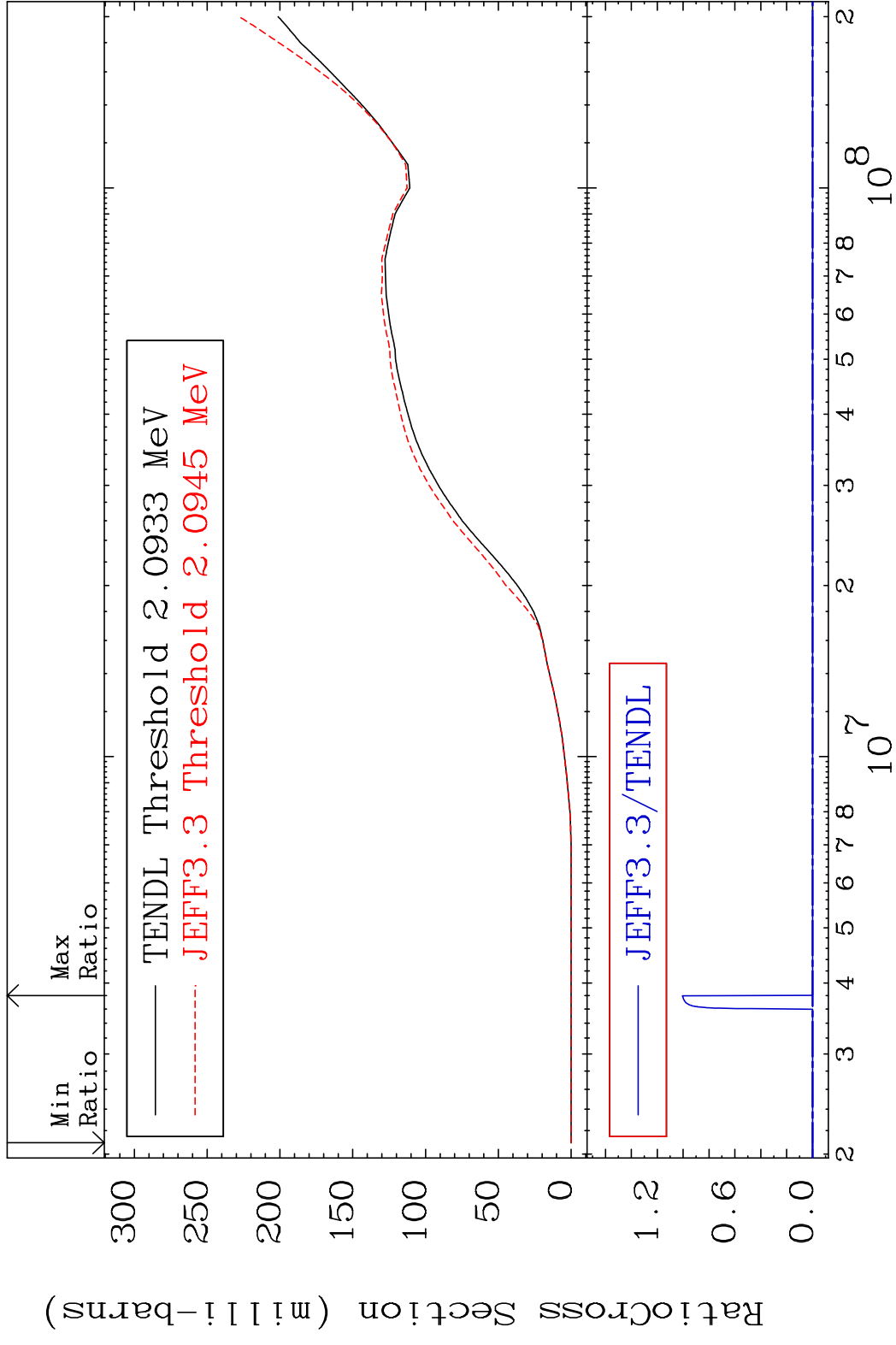
23-V -51

MAT 2328

He-4 Production

23-V -51

Cross Section -100.0 To 9999. %

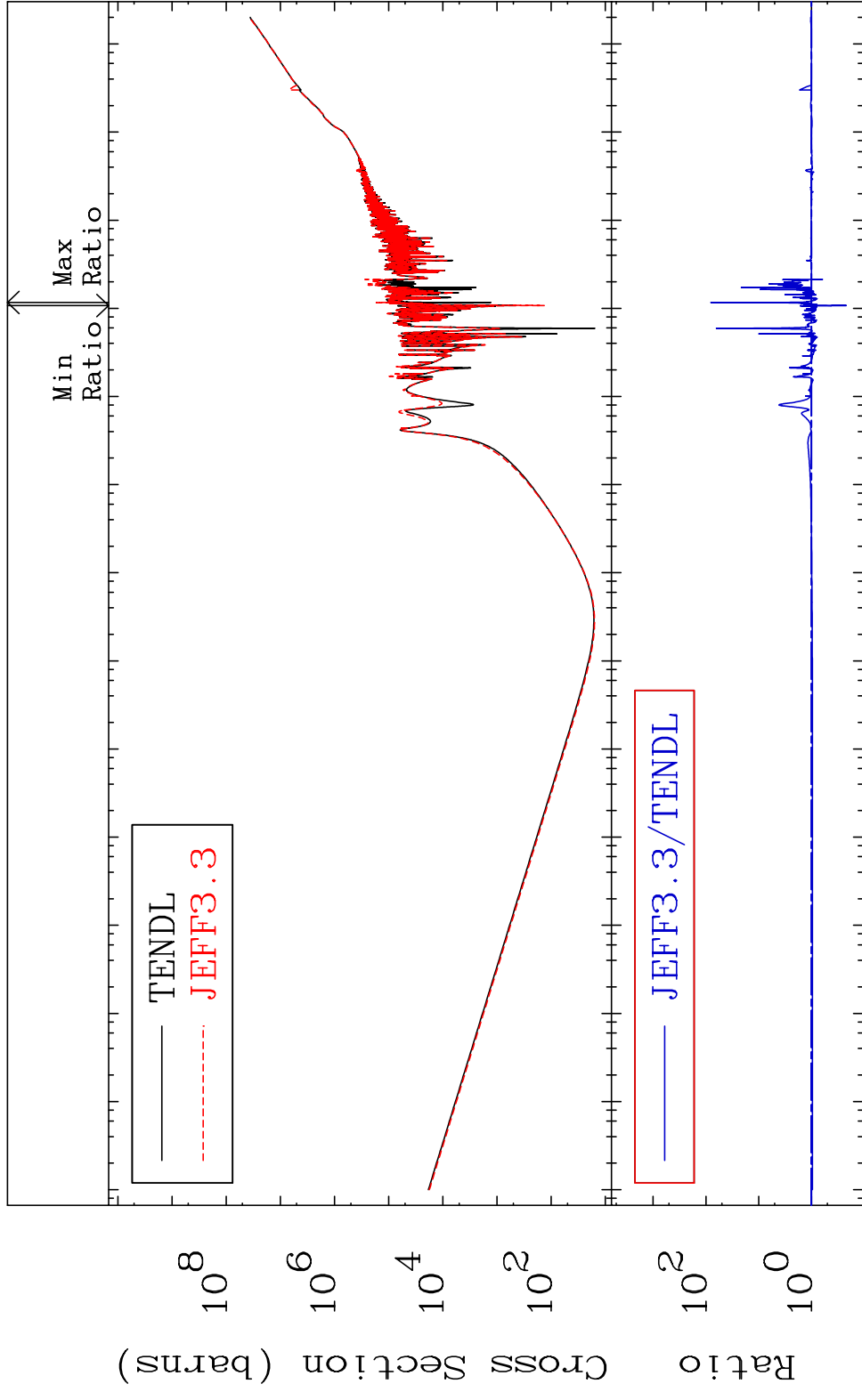


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Incident Energy (eV)

23-V -51

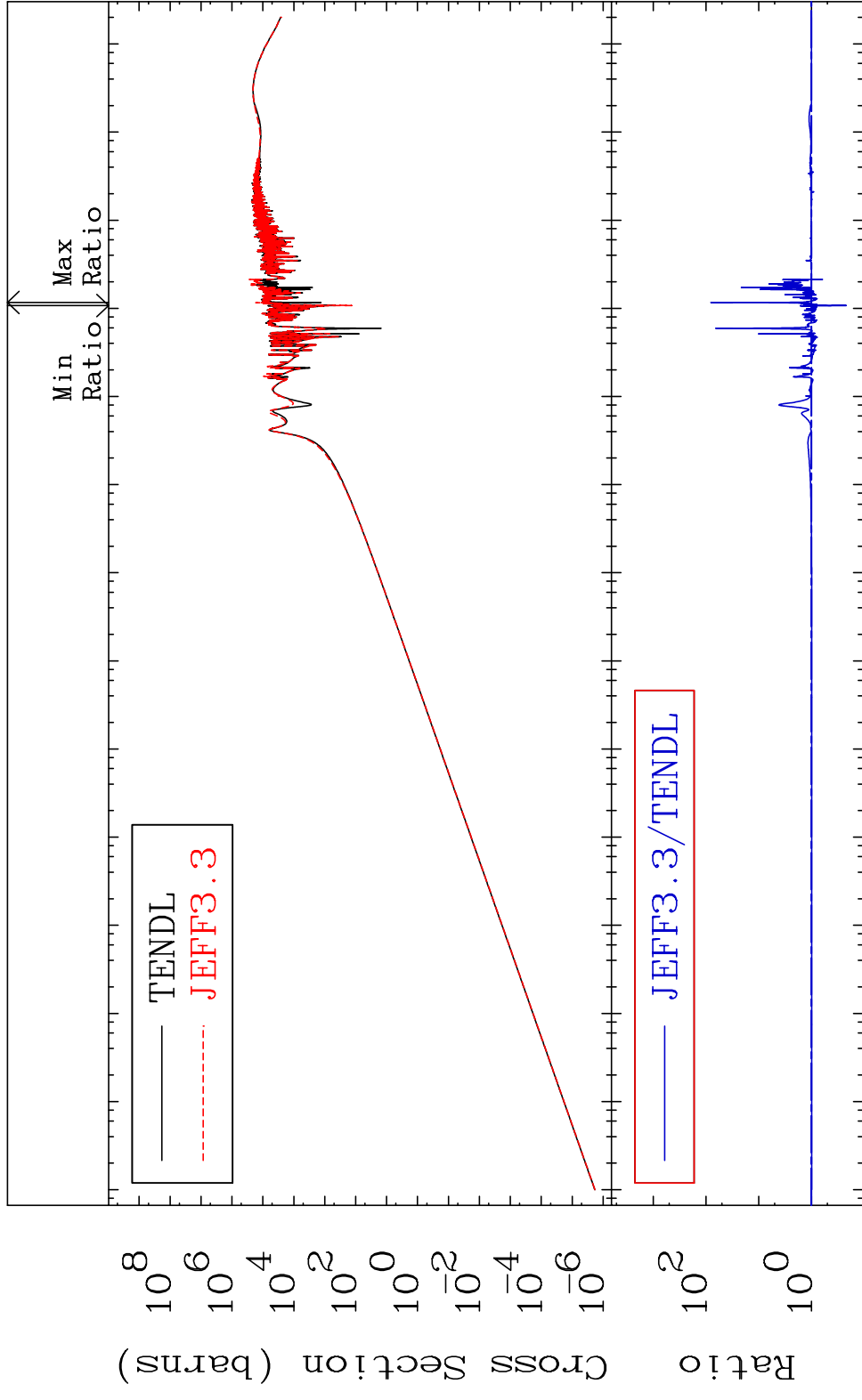
MAT 2328 Kerma total (eV-barns) 23-V -51
 Cross Section -78.16 To 8011. %



MAT 2328

Kerma elastic
Cross Section

23-V -51
-78.18 To 8027. %

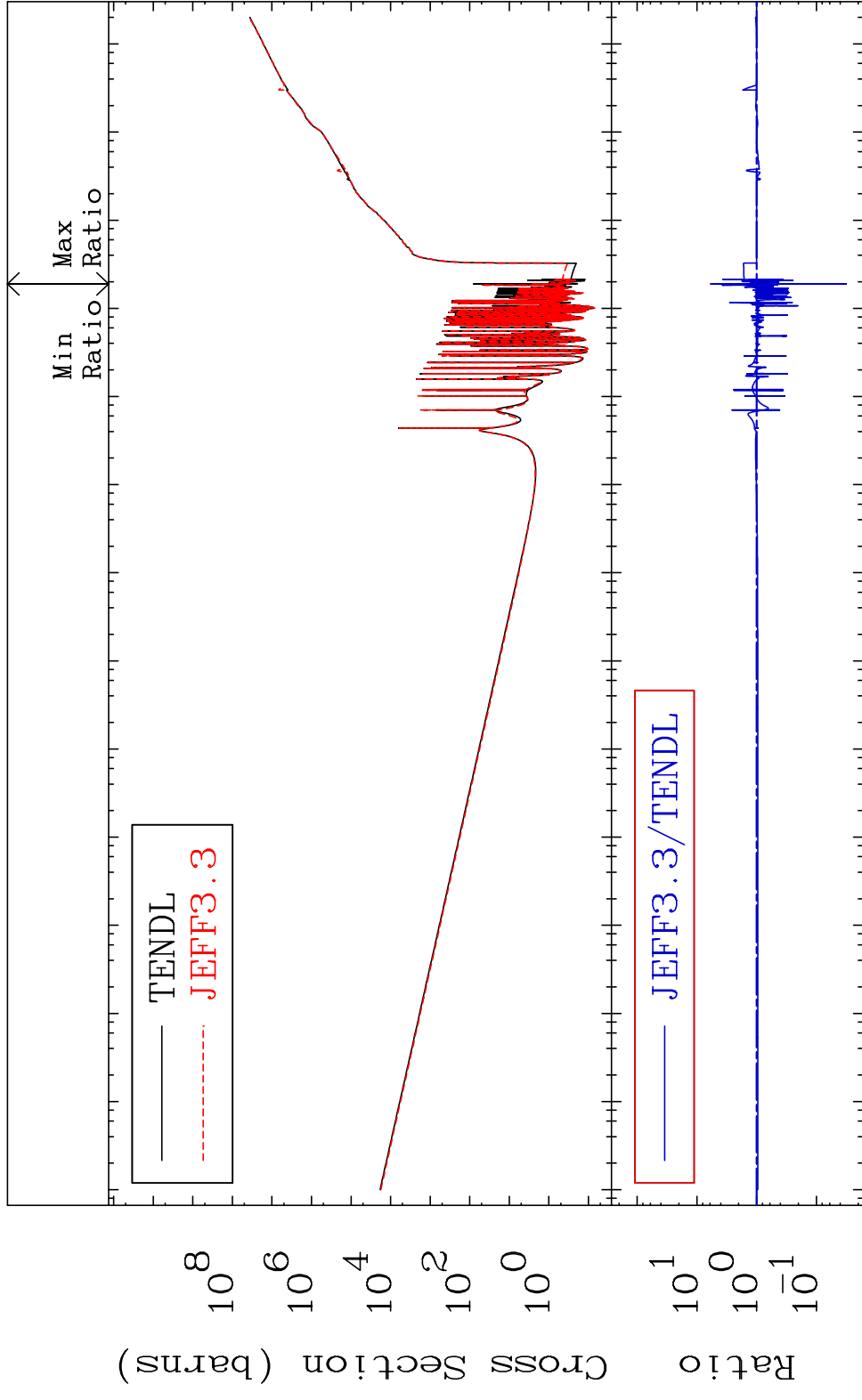


50

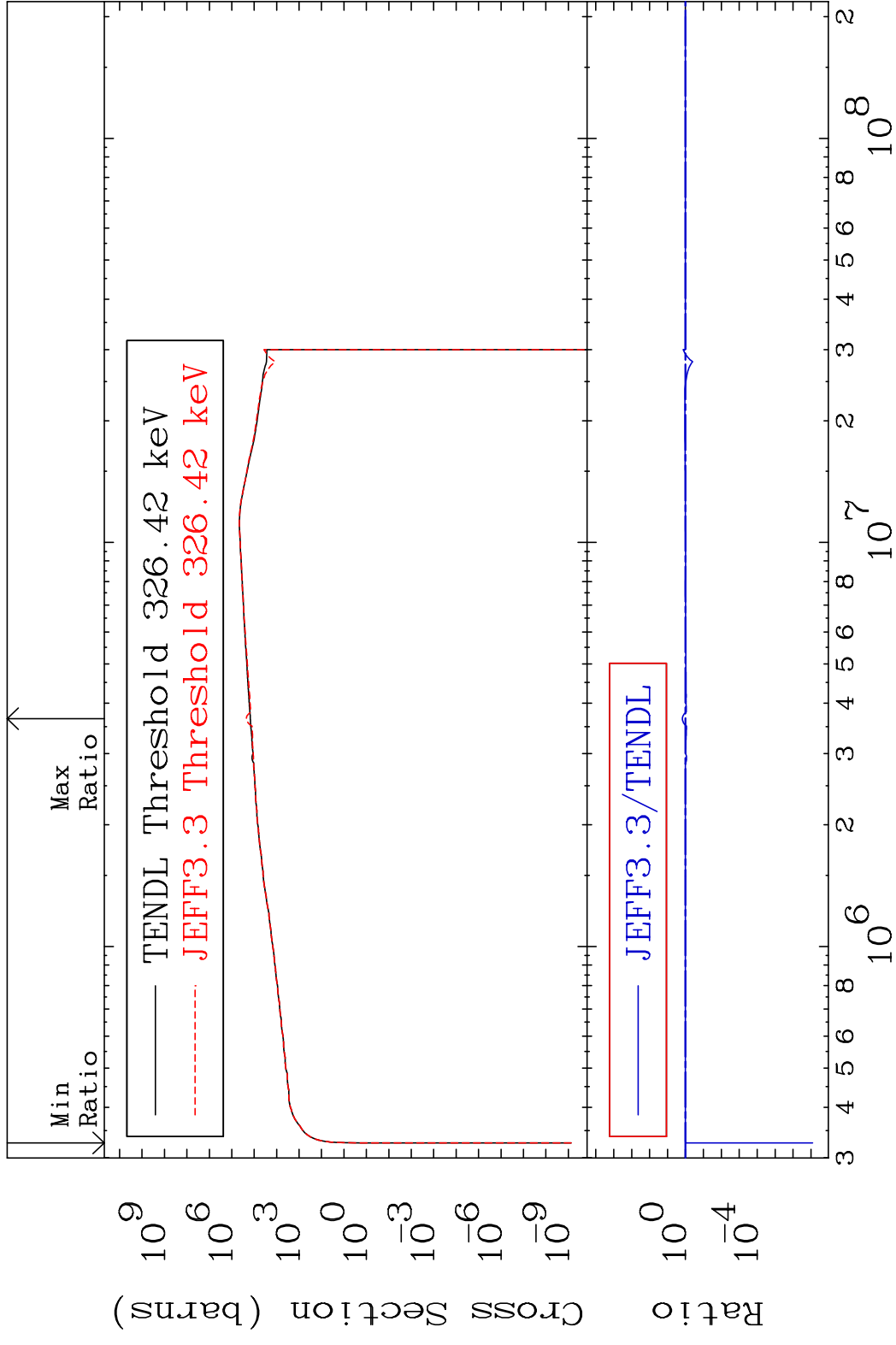
Incident Energy (eV)

23-V -51

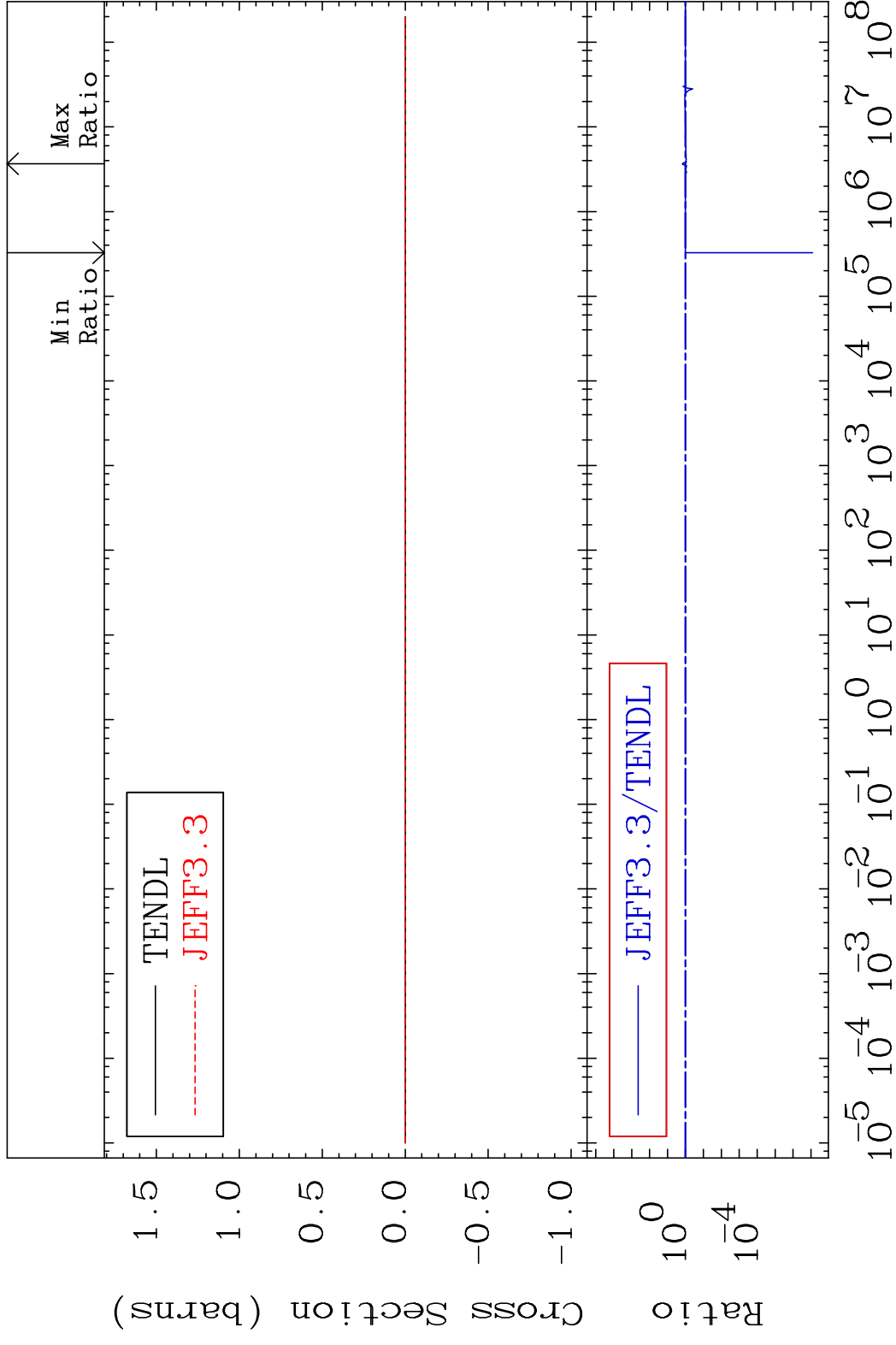
MAT 2328 Kerma non-elastic (all but mt2) 23-V -51
 Cross Section -96.84 To 486.6 %



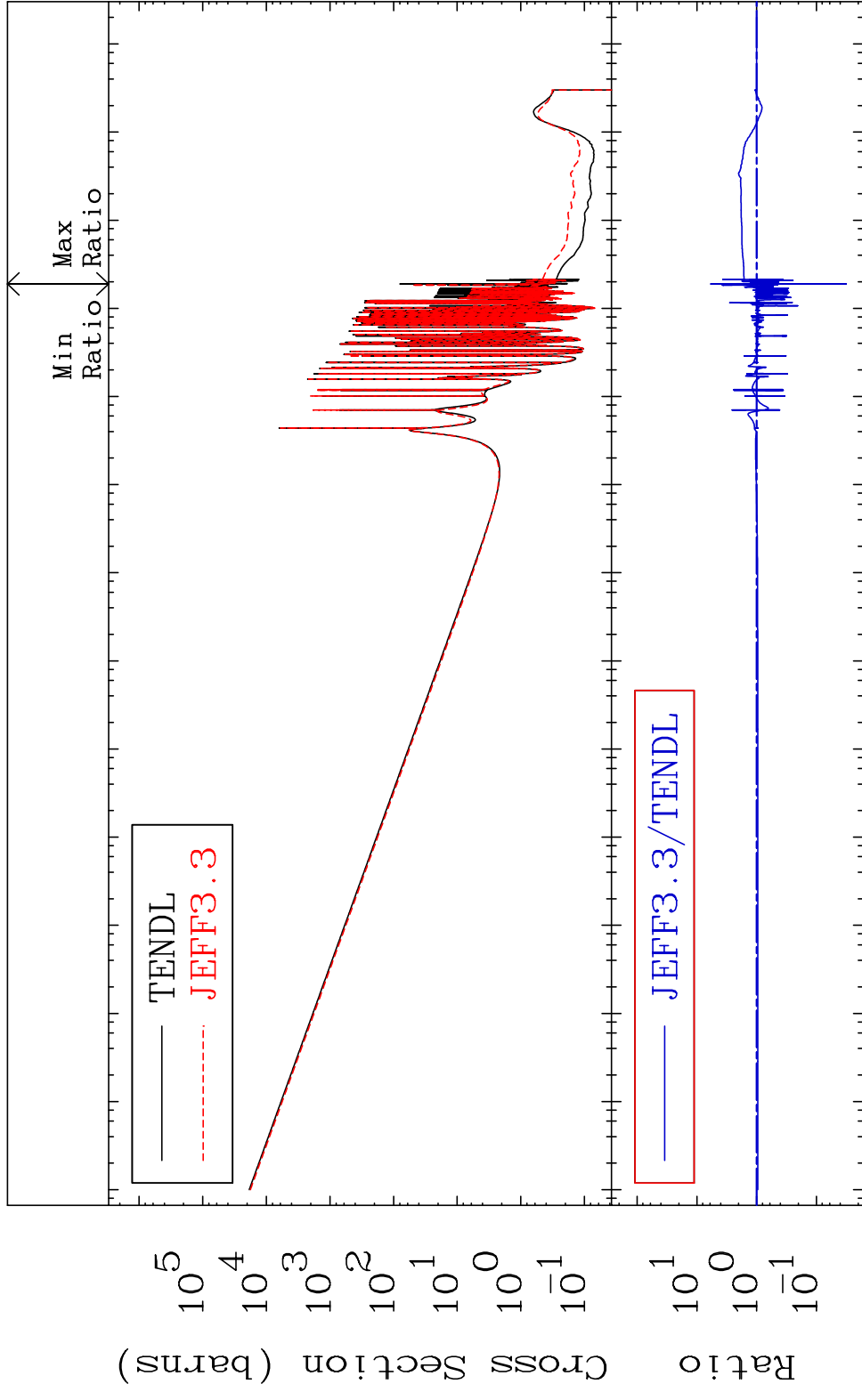
MAT 2328 Kerma inelastic (mt51-91) 23-V -51
 Cross Section -100.0 To 49.08 %



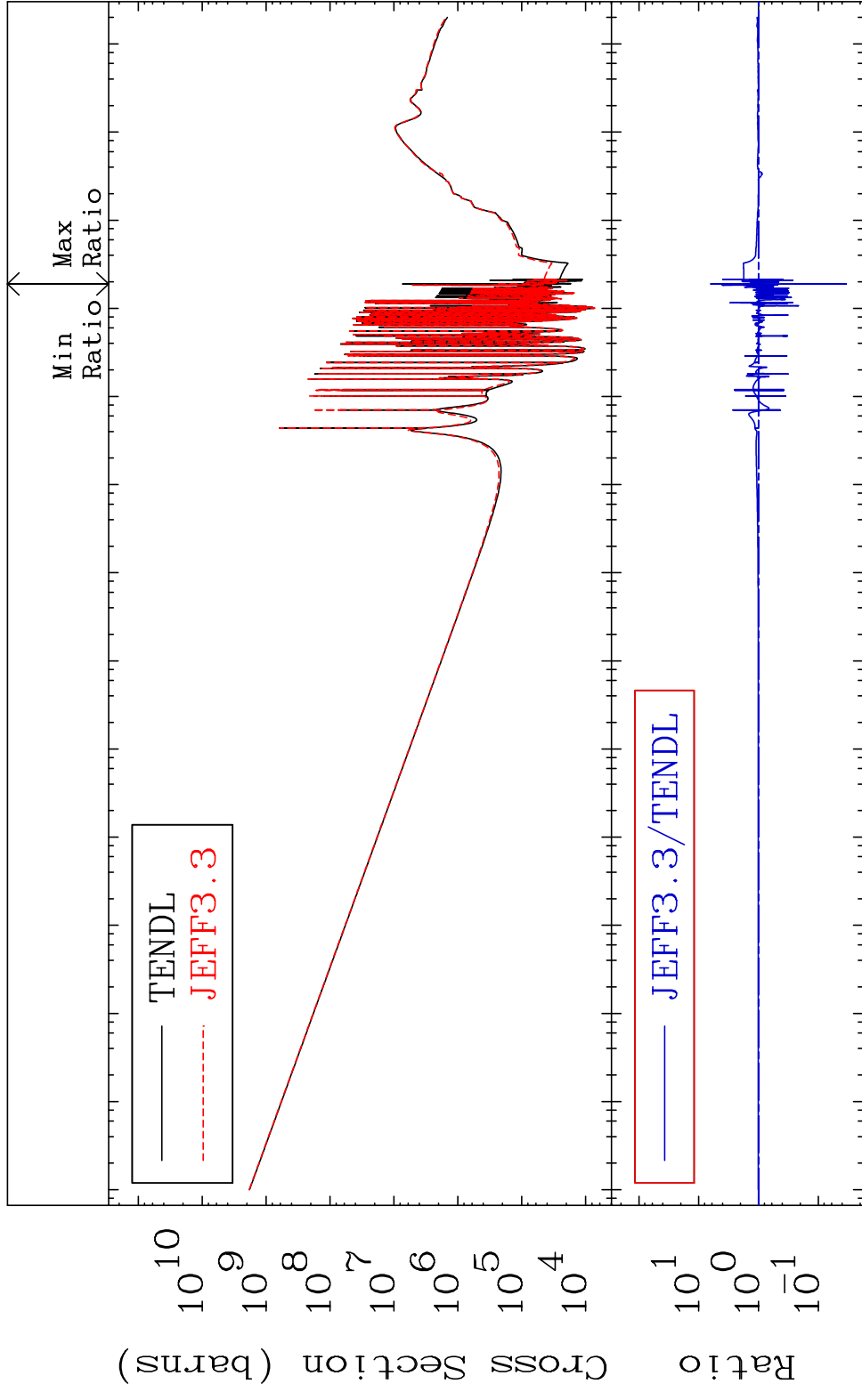
MAT 2328 Kerma fission (mt18 or mt19-20-21-38) 23-V -51
 Cross Section -100.0 To 49.08 %



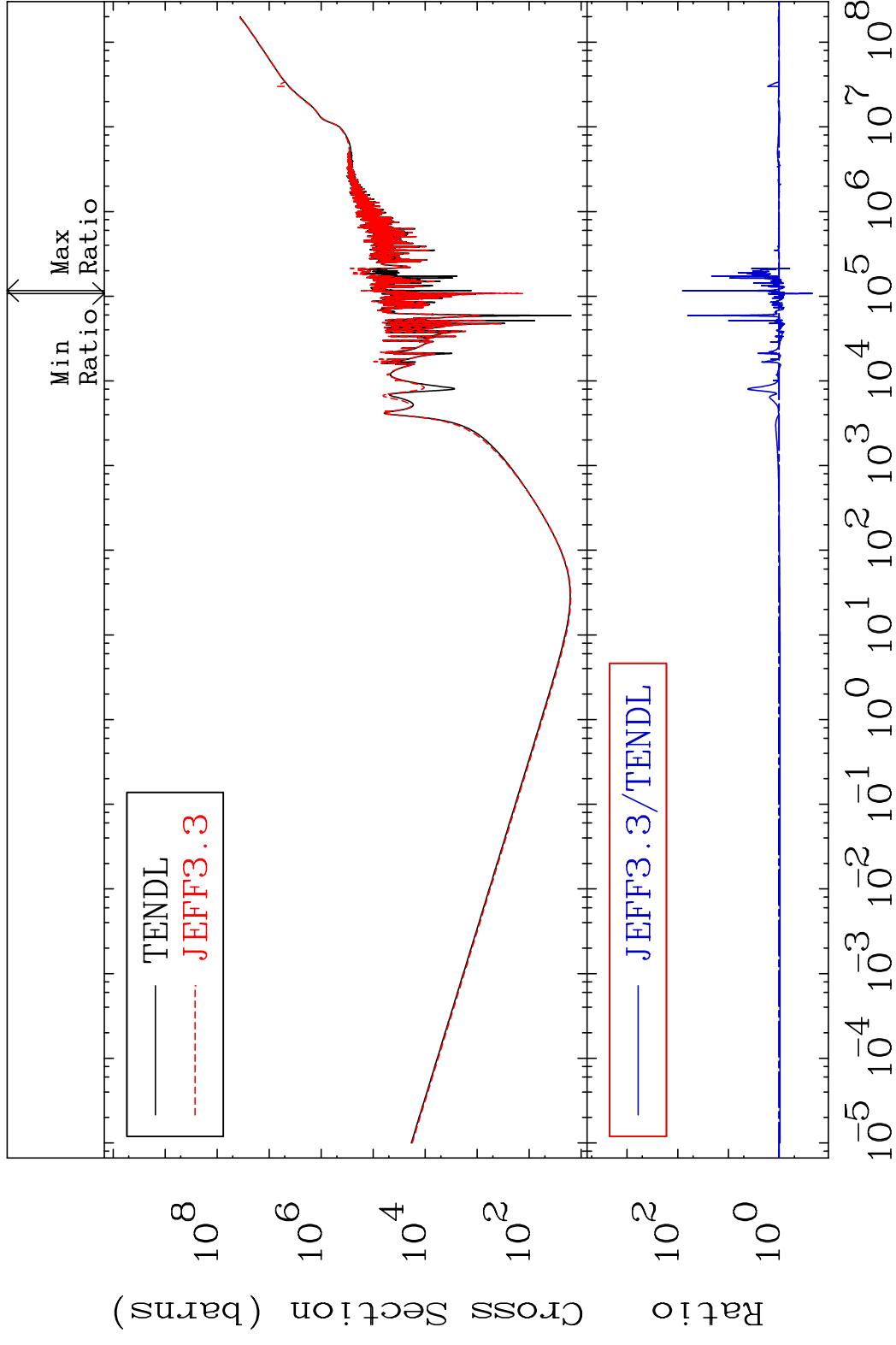
MAT 2328 Kerma capture (mt102) 23-V -51
 Cross Section -96.84 To 486.6 %



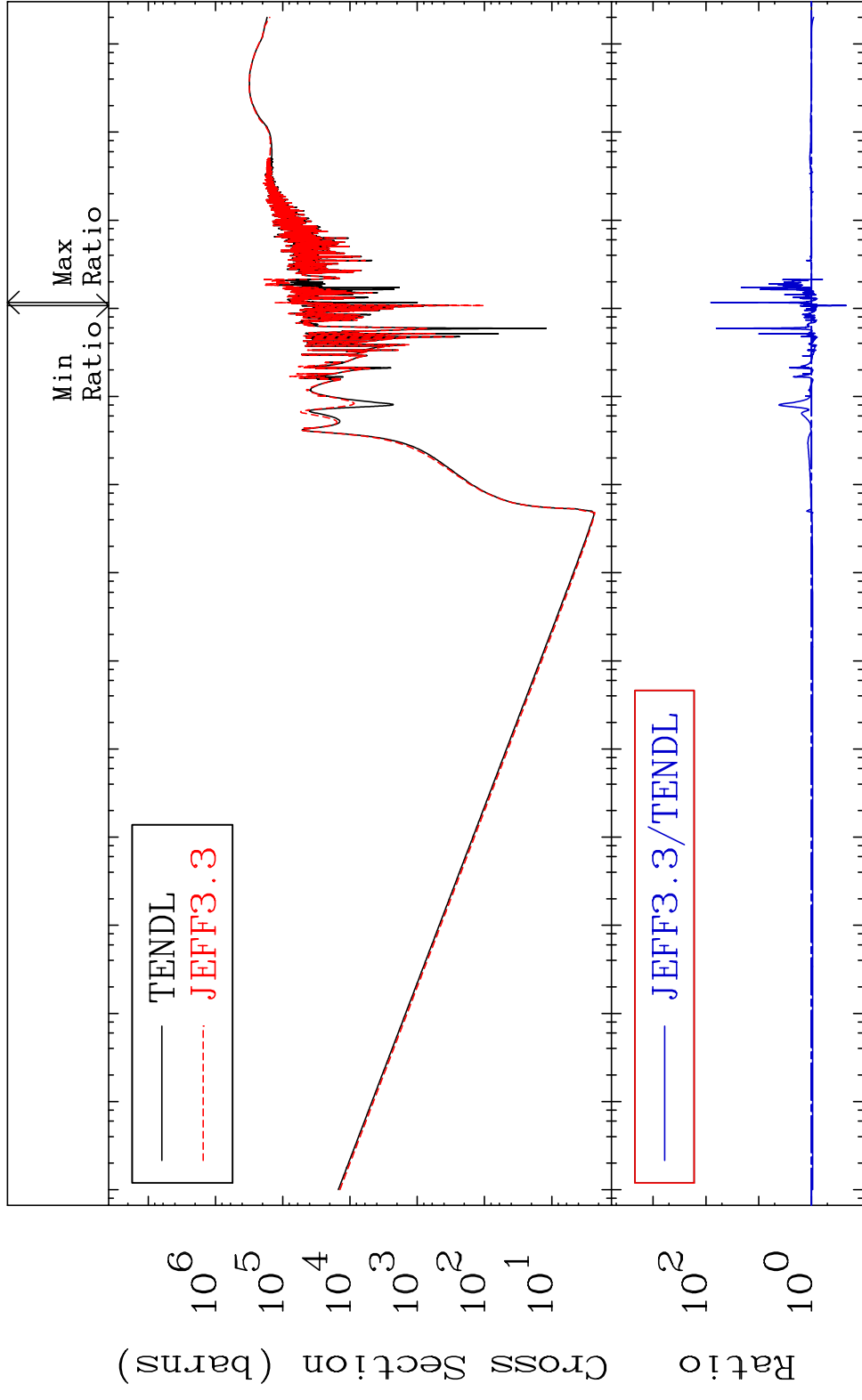
MAT 2328 Total photon (eV-barns) 23-V -51
 Cross Section -96.60 To 530.6 %



MAT 2328 Total kinematic kerma (high limit) 23-V -51
 Cross Section -78.16 To 8011. %



MAT 2328 Dpa total (eV-barns) 23-V -51
 Cross Section -78.16 To 8010. %

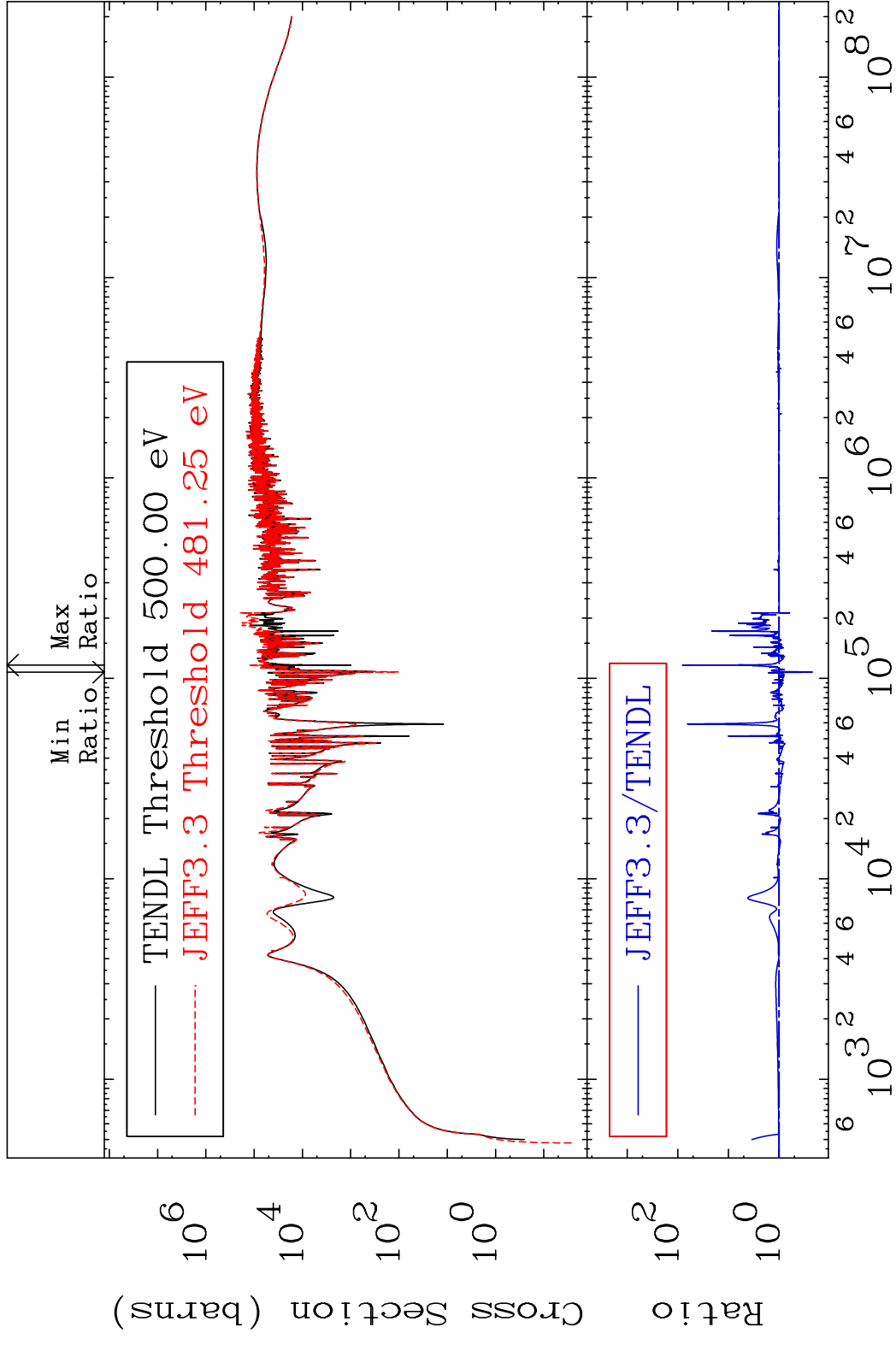


MAT 2328

Dpa elastic (mt2)

23-V -51

Cross Section -78.18 To 8027. %

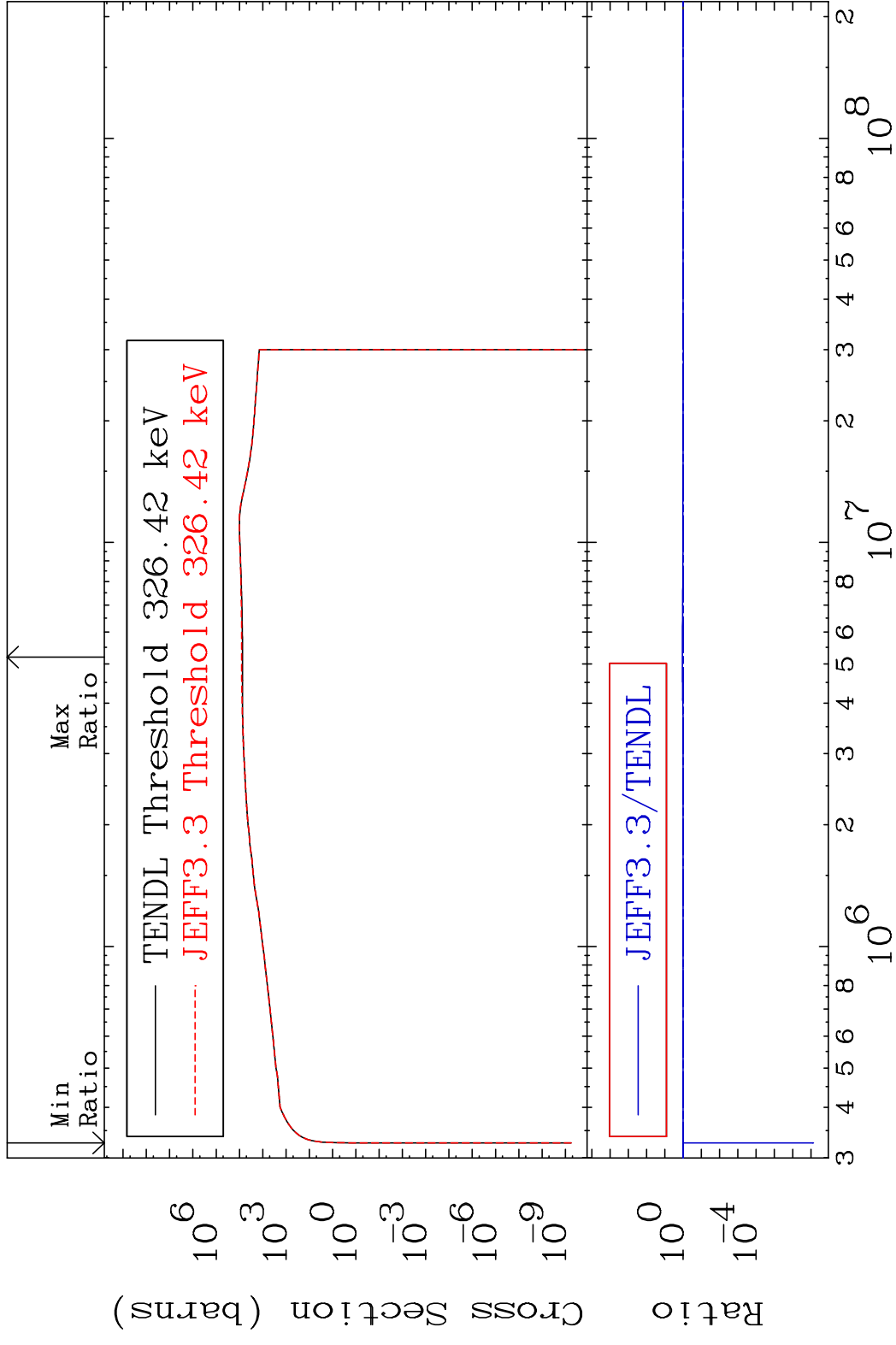


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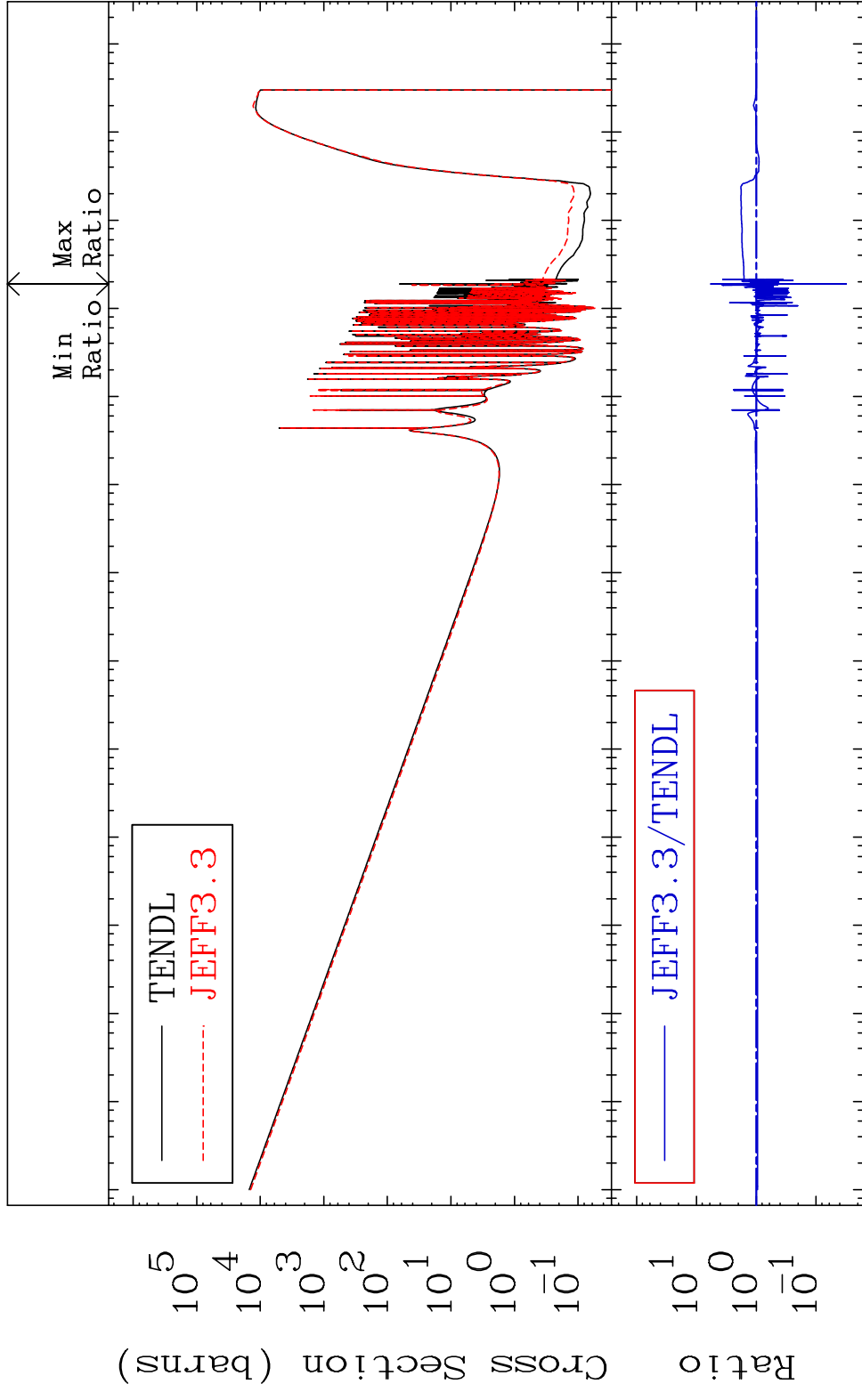
Incident Energy (eV)

23-V -51

MAT 2328 Dpa inelastic (mt51-91) 23-V -51
 Cross Section -100.0 To 9.572 %

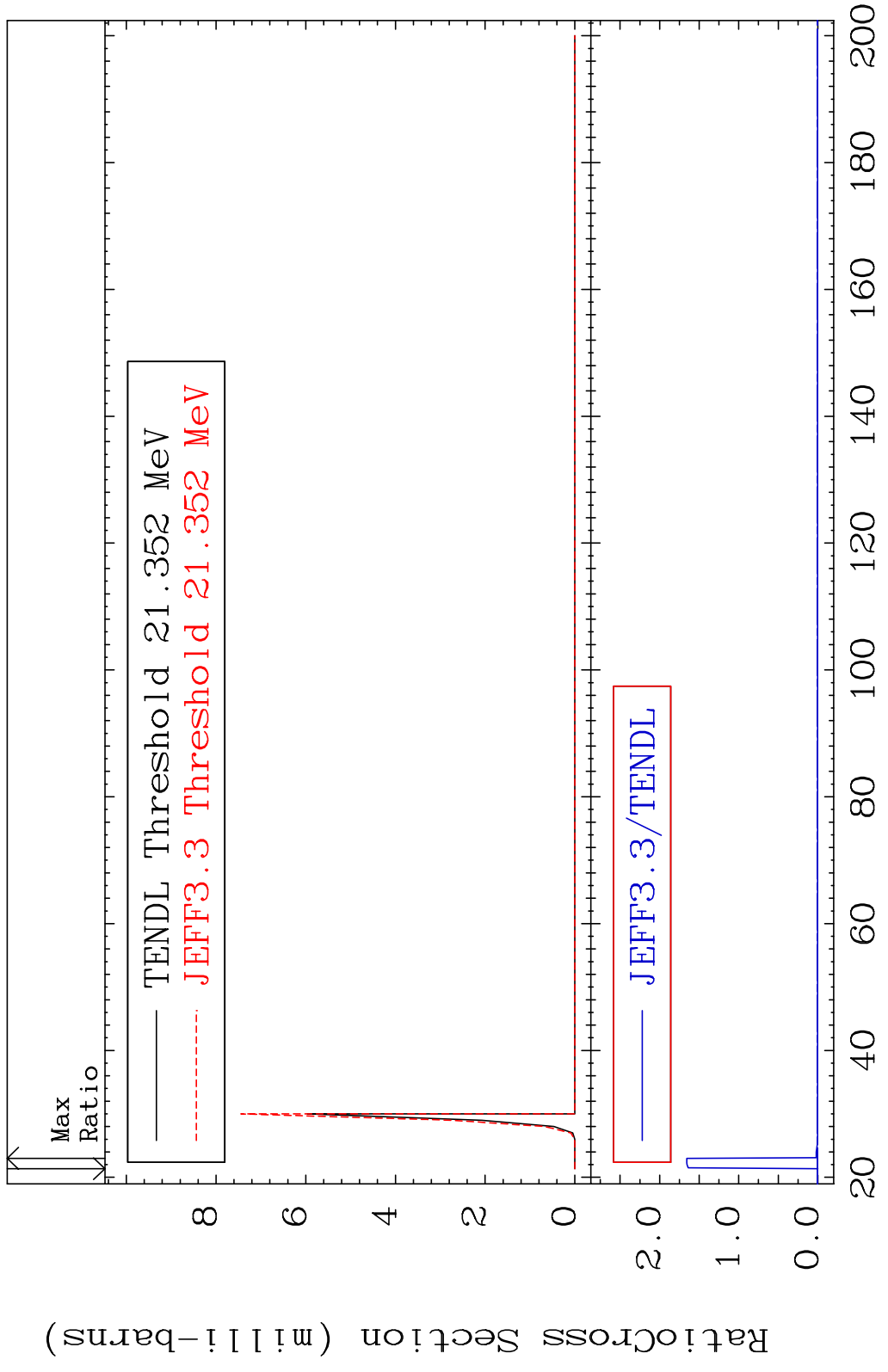


MAT 2328 Dpa disappearance (mt102 -120) 23-V -51
 Cross Section -96.88 To 477.6 %



60 Incident Energy (eV) 23-V -51

MAT 2328 (n,2n) α :21-Sc-46g 23-V -51
 Radionuclide Production Cross Section Ratio 9999. %



MAT 2328 (n,2n) α :21-Sc-46m2 23-V -51
 Radionuclide Production Cross Section Ratio 9999. %

