

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

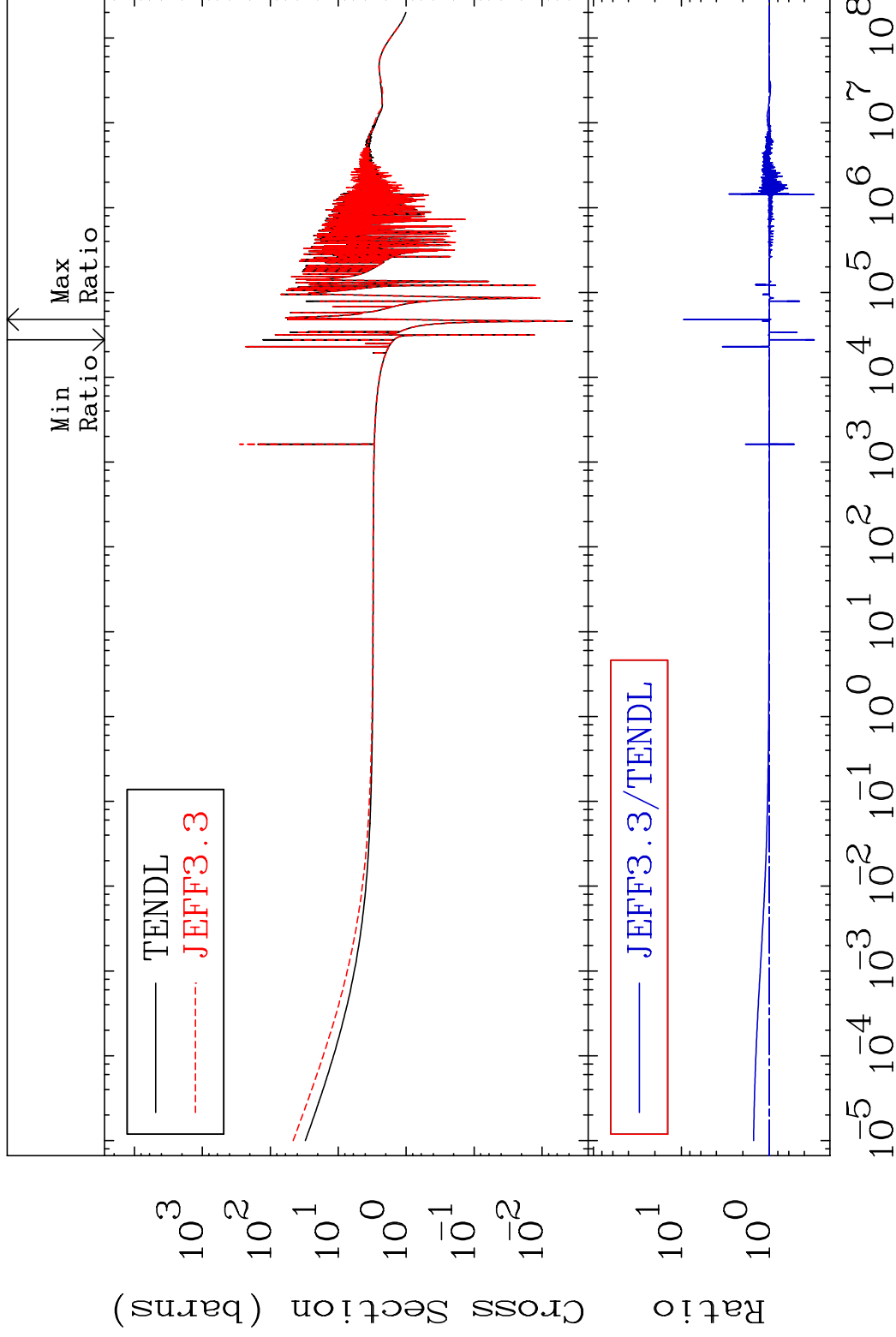
MAT 2431

Total

24-Cr-52

Cross Section

-69.03 To 840.8 %



1

Incident Energy (eV)

24-Cr-52

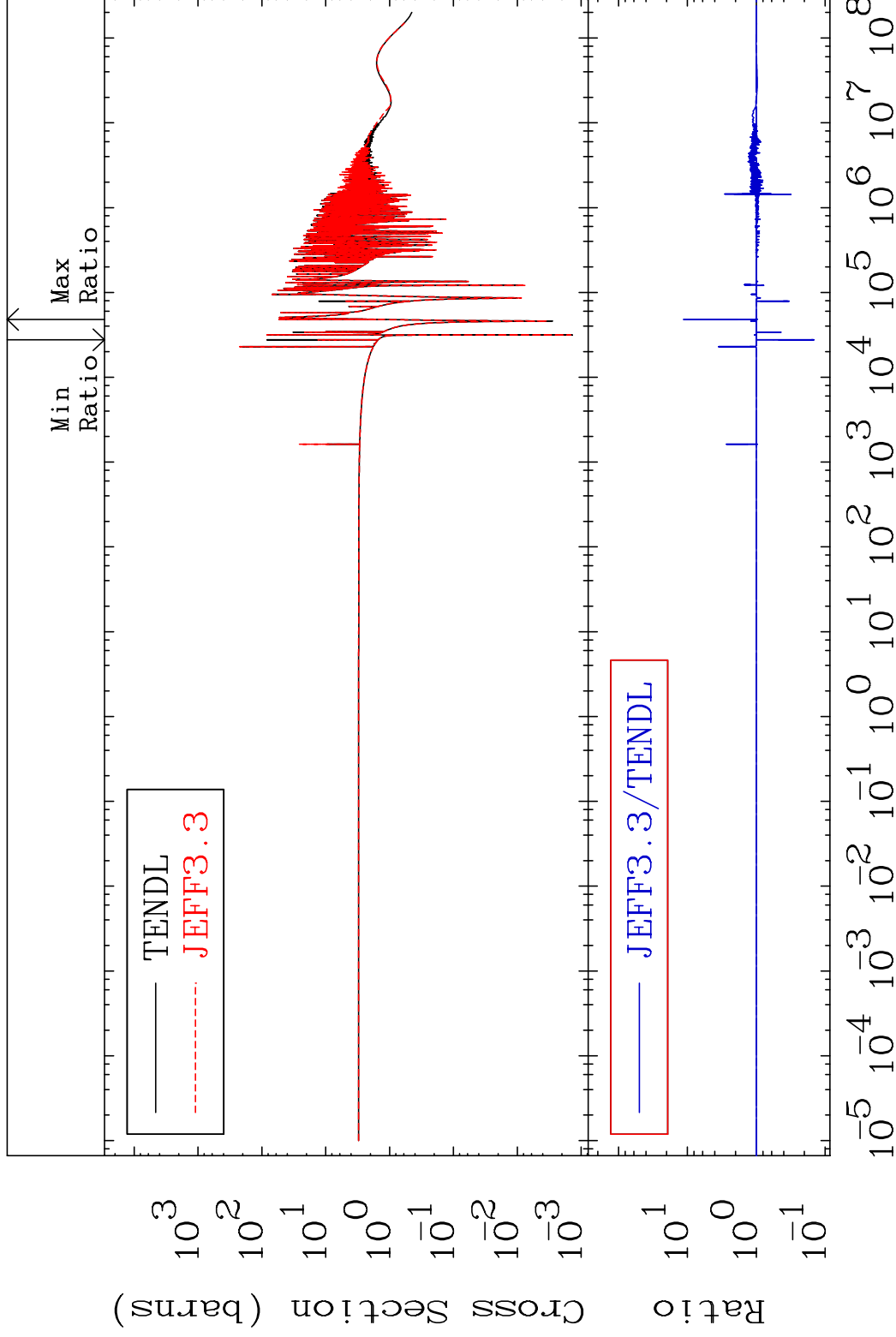
MAT 2431

Elastic

24-Cr-52

Cross Section

-85.52 To 1033. %

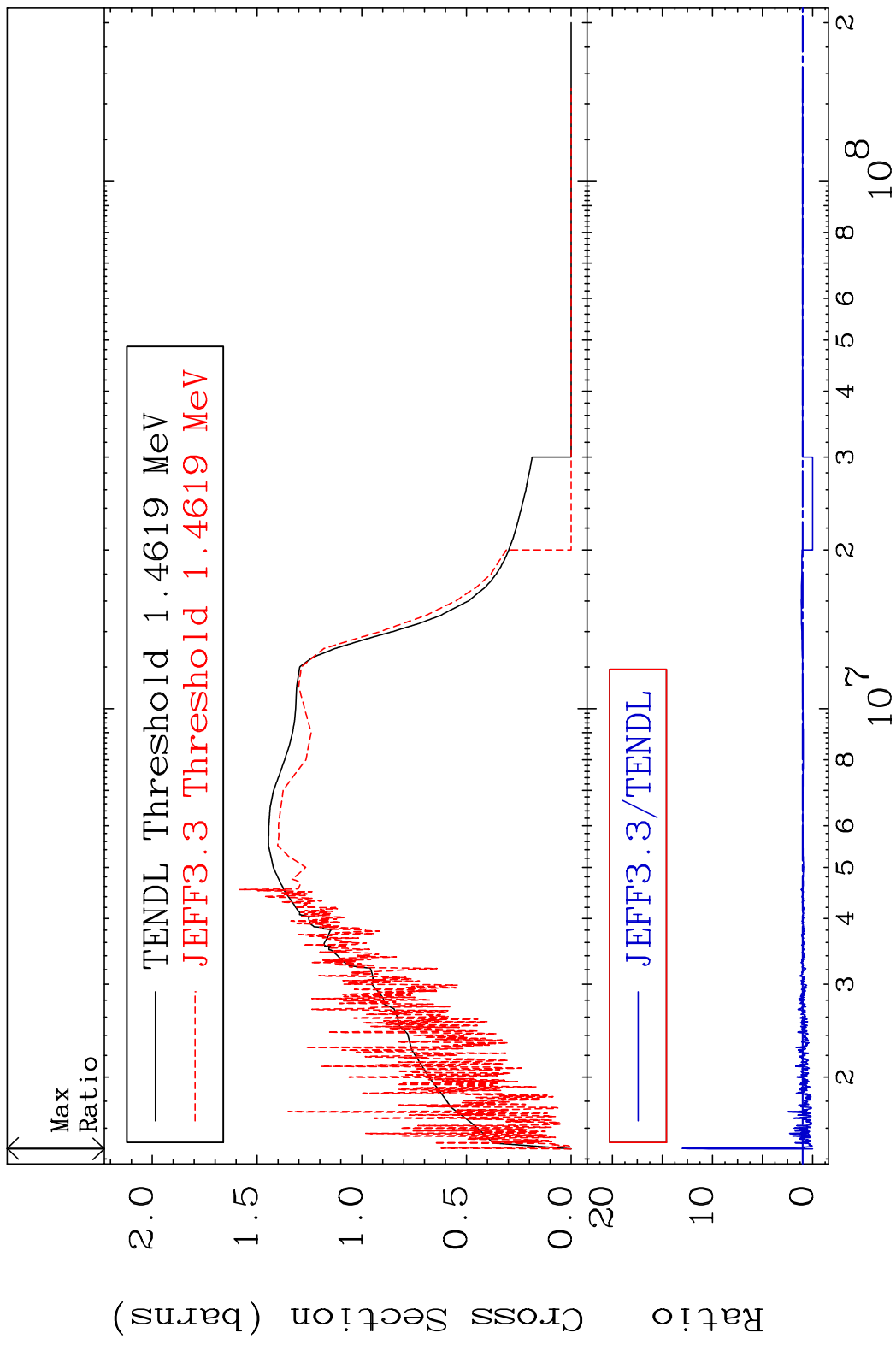


2

Incident Energy (eV)

24-Cr-52

MAT 2431 Inelastic 24-Cr-52
 Cross Section -100.0 To 1200. %



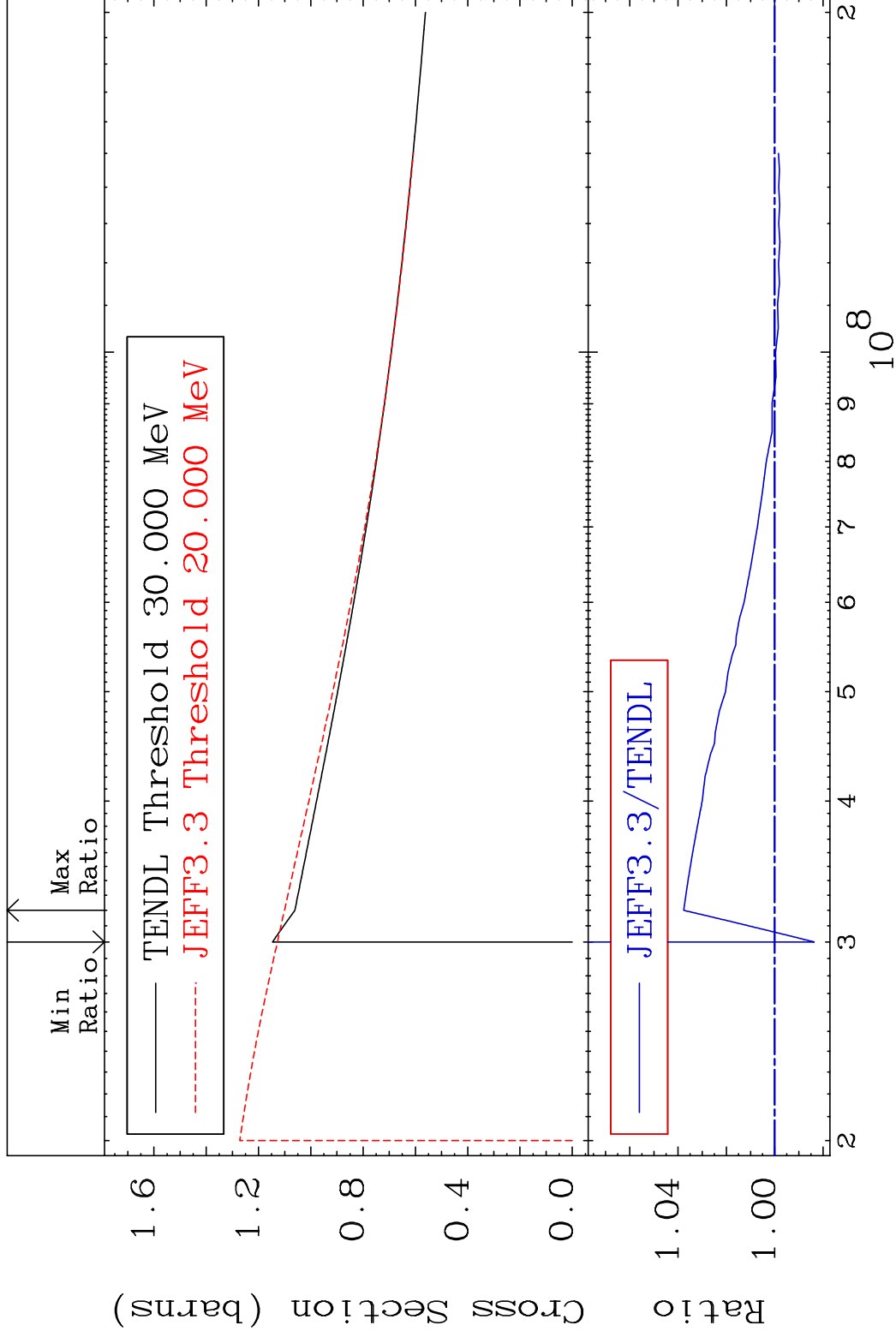
3 Incident Energy (eV) 24-Cr-52

MAT 2431

(n, remainder)

²⁴Cr-52

Cross Section -1.631 To 3.769 %



4

Incident Energy (eV)

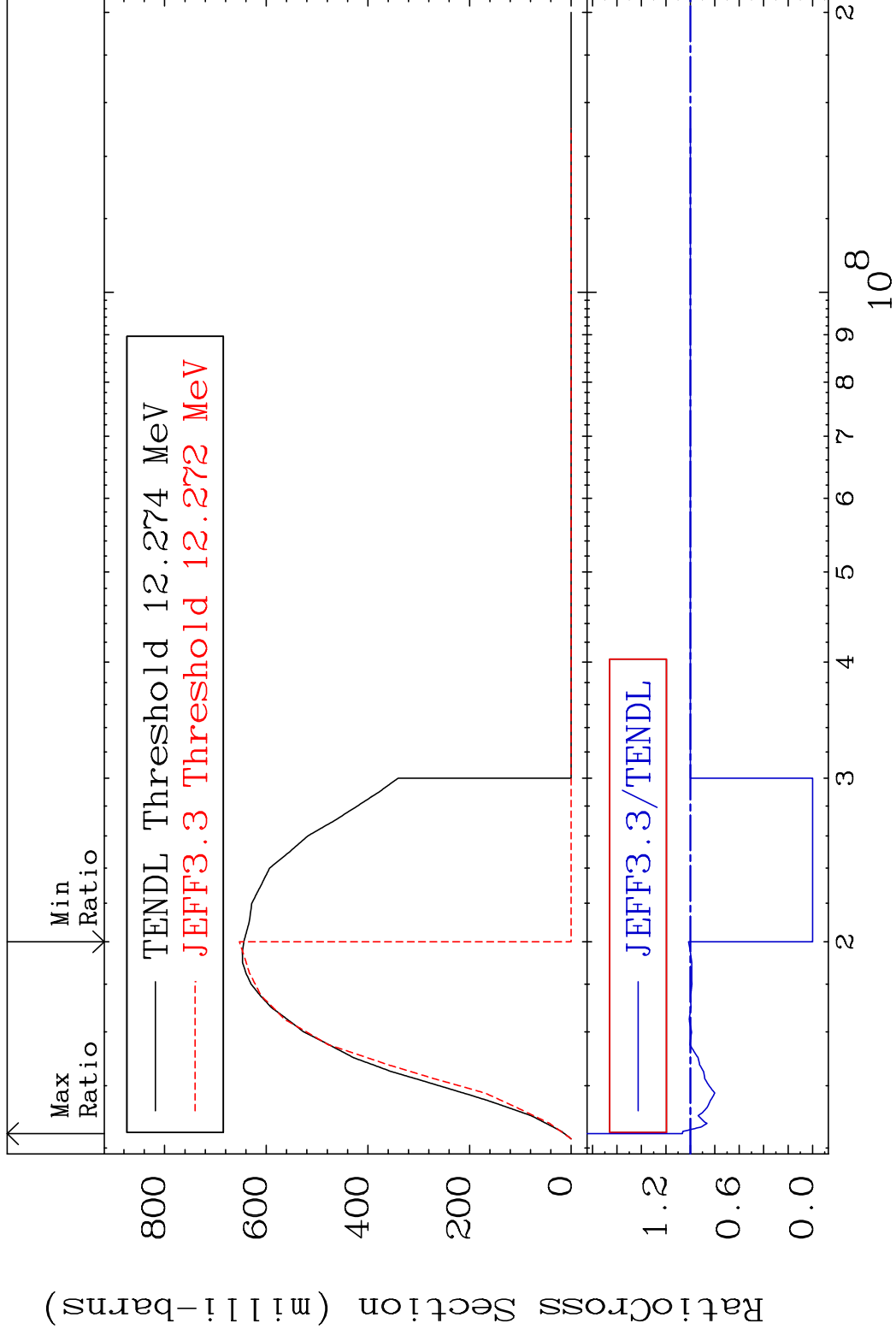
²⁴Cr-52

MAT 2431

(n,2n)

²⁴Cr-52

Cross Section -100.0 To 6.516 %



5

Incident Energy (eV)

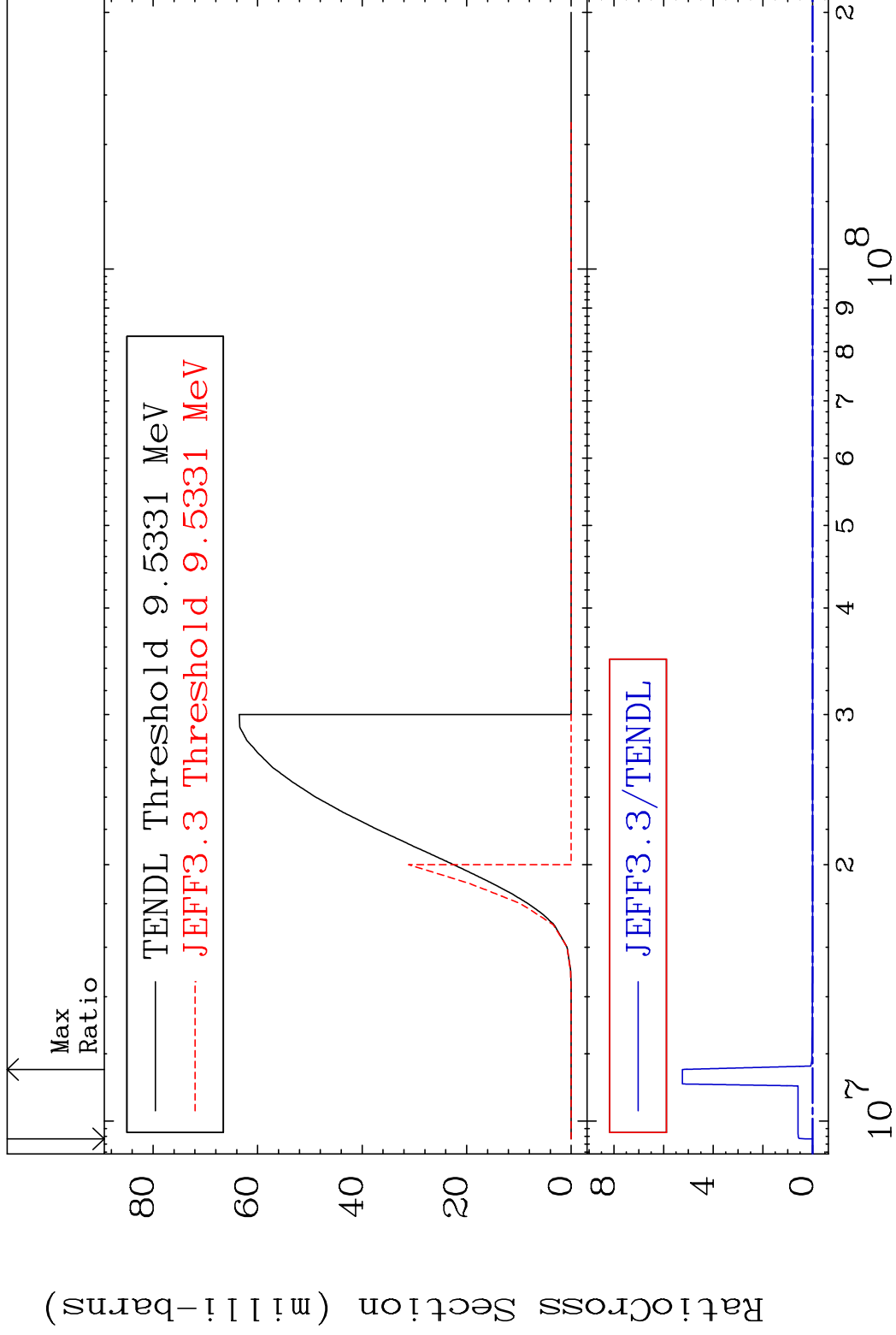
²⁴Cr-52

MAT 2431

(n, n') α

²⁴Cr-52

Cross Section -100.0 To 9999. %



²⁴Cr-52

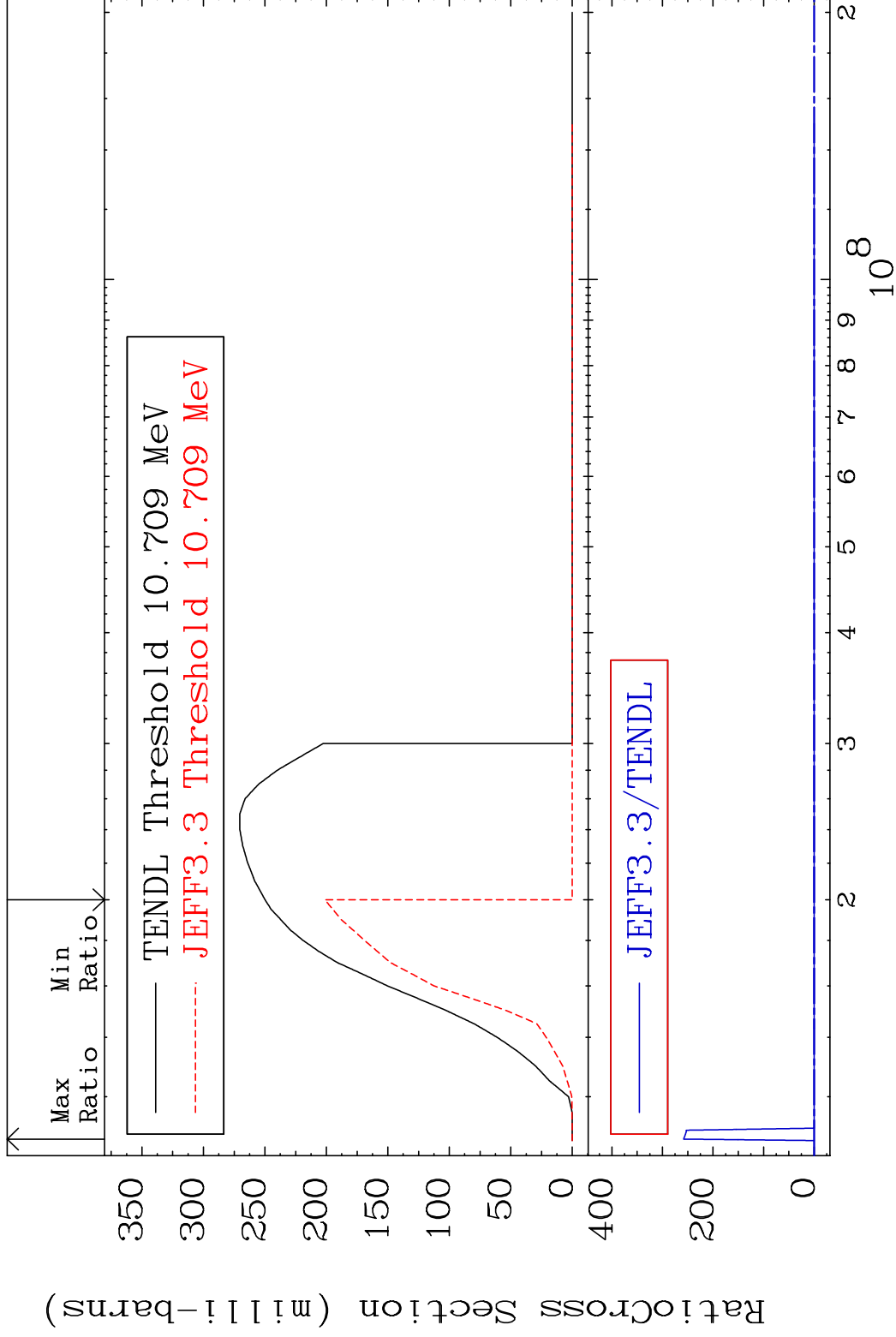
Incident Energy (eV)

MAT 2431

(n, n') p

²⁴Cr-52

Cross Section -100.0 To 9999. %

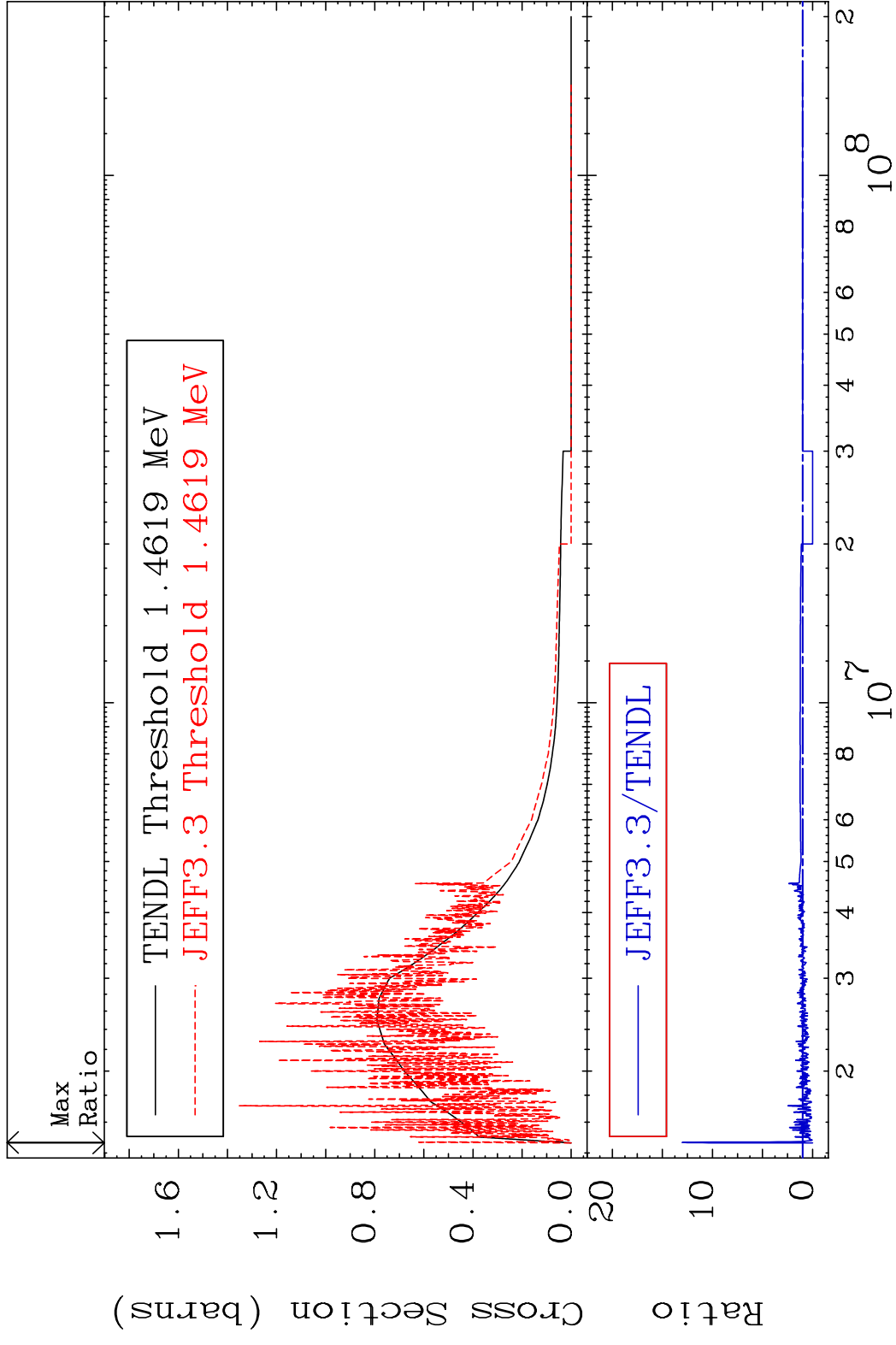


7

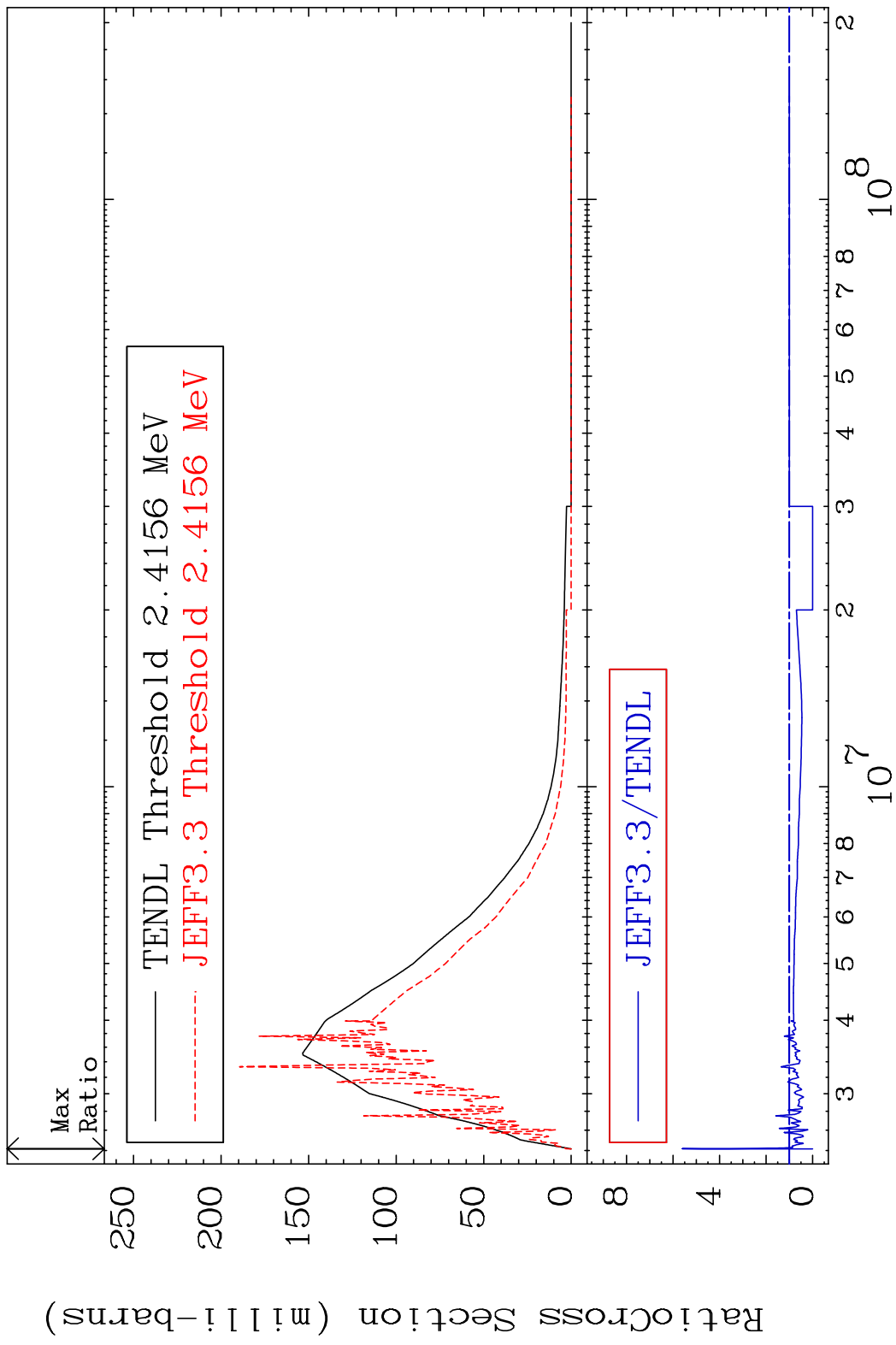
Incident Energy (eV)

²⁴Cr-52

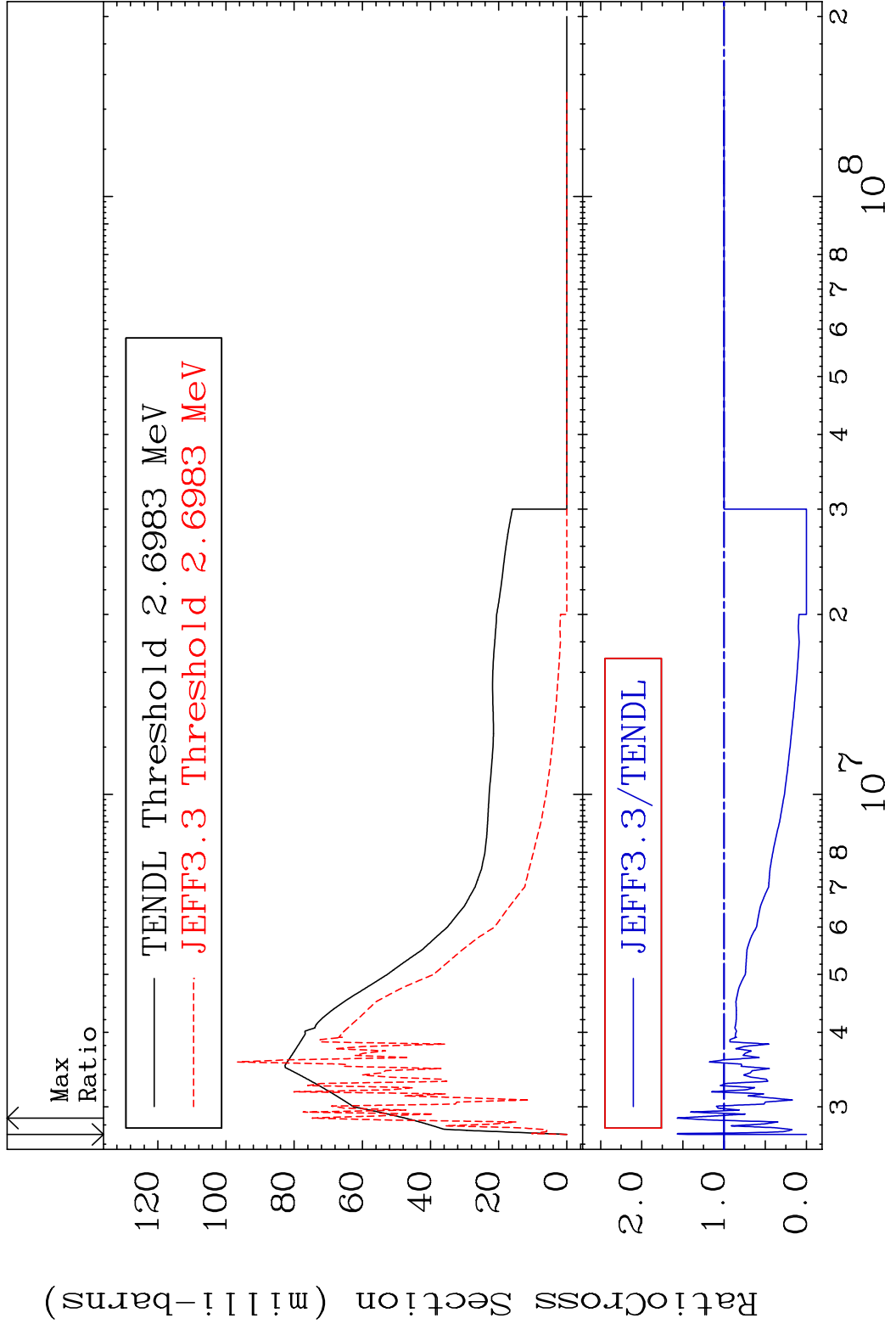
MAT 2431 MT= 51 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 1200. %



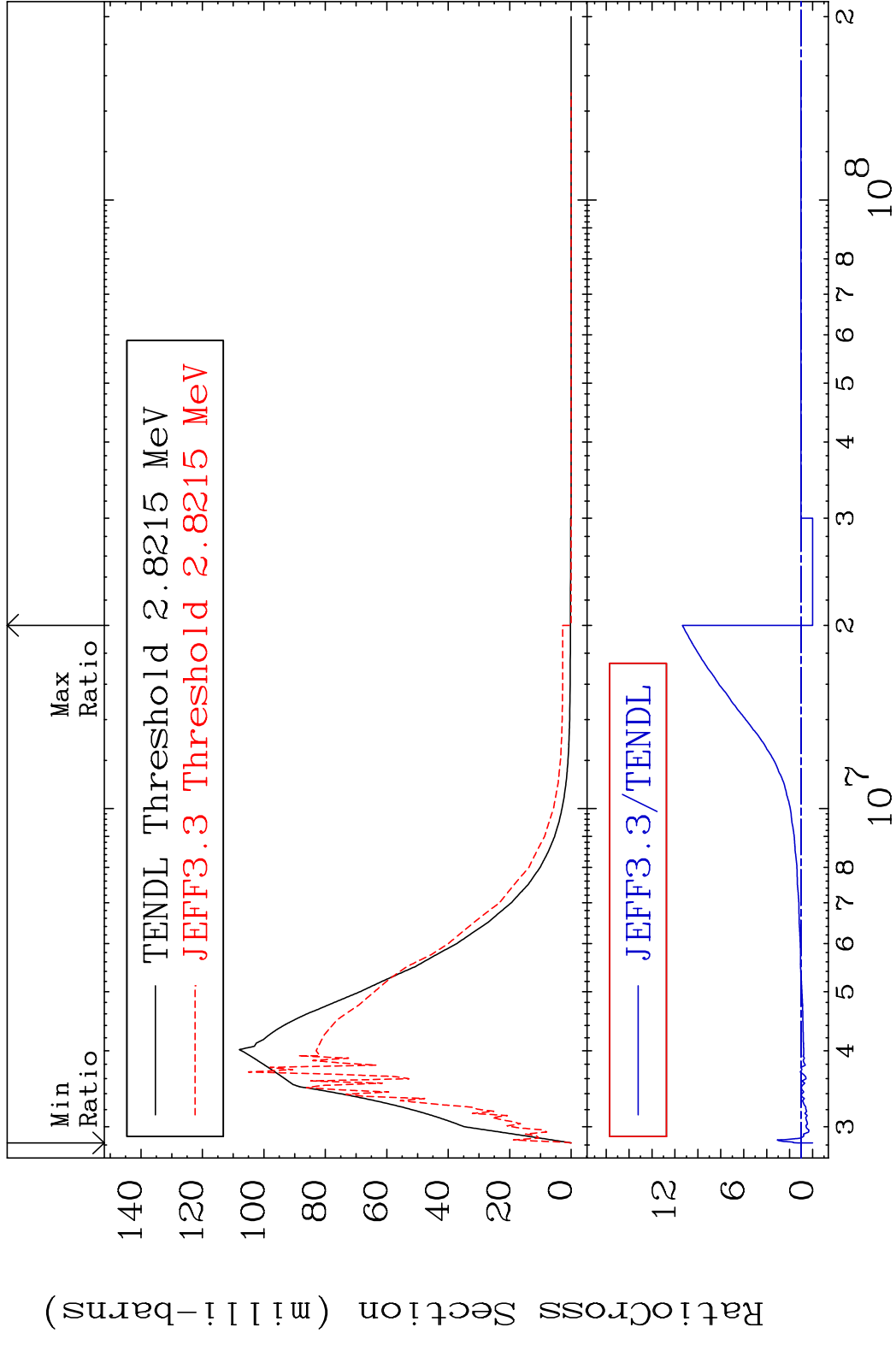
MAT 2431 MT= 52 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 460.0 %



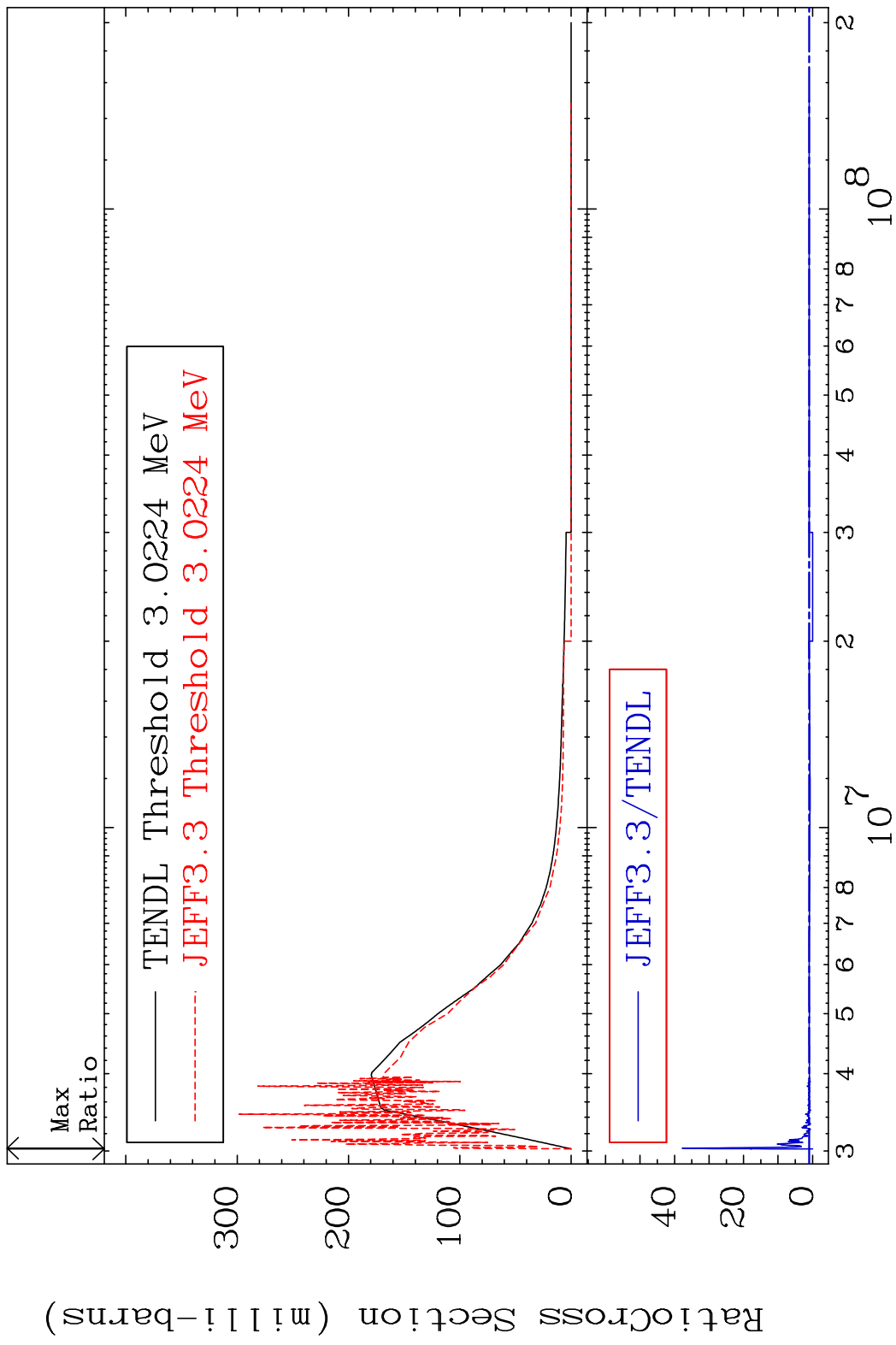
MAT 2431 MT= 53 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 56.99 %



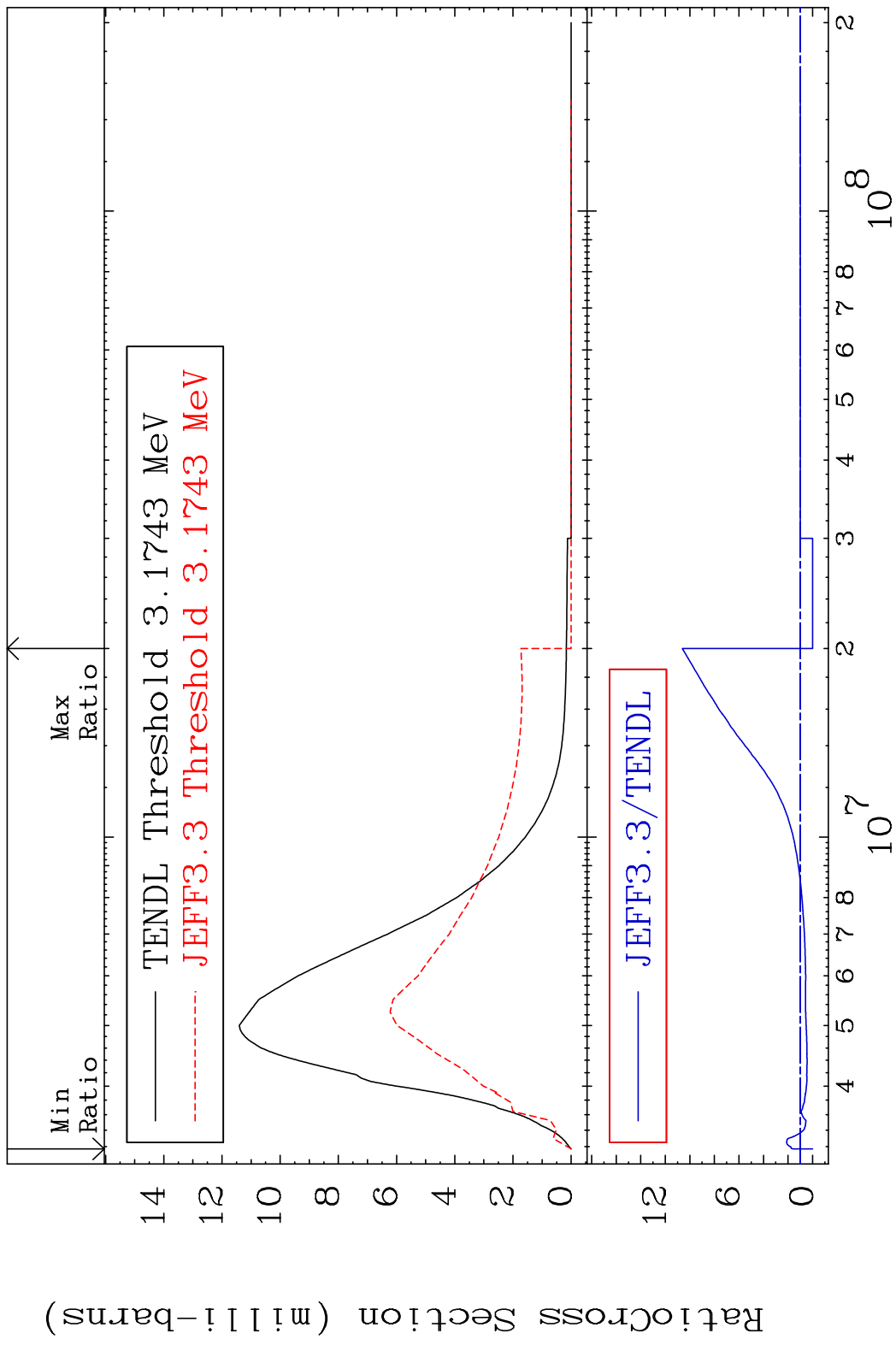
MAT 2431 MT= 54 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 1035. %



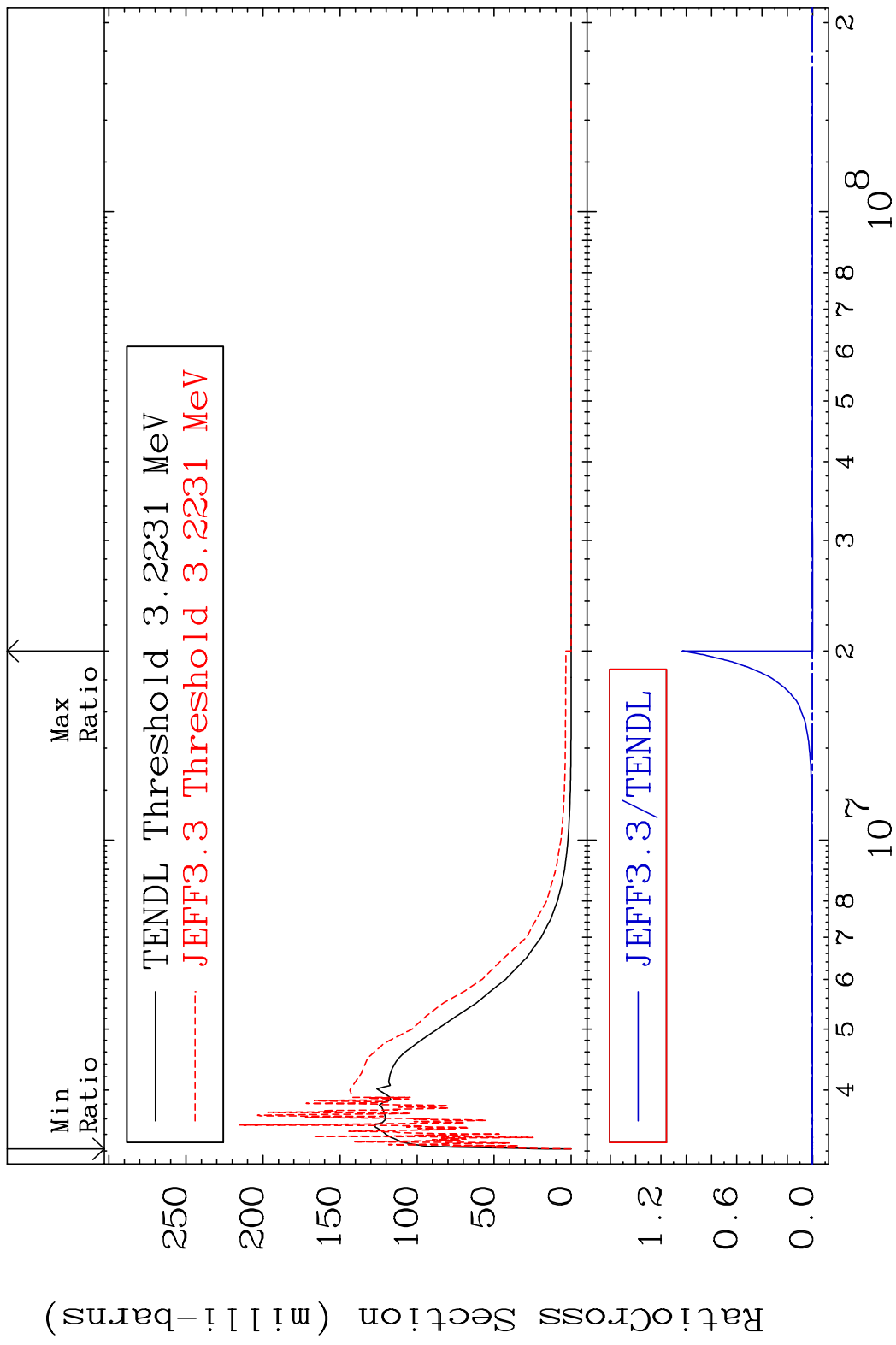
MAT 2431 MT= 55 (n,n') Level 24-Cr-52
 Cross Section -100.0 To 3673. %



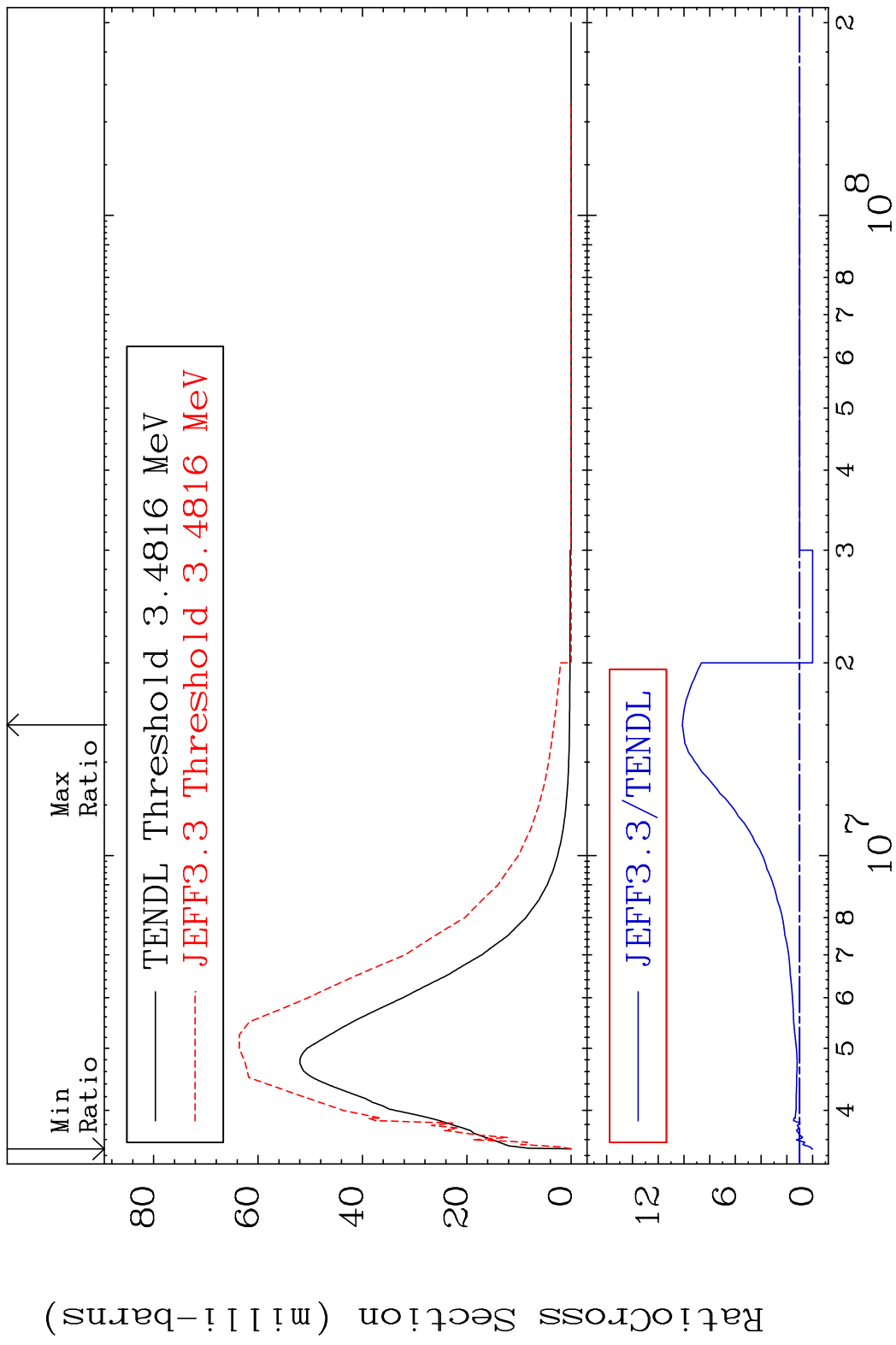
MAT 2431 MT= 56 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 961.0 %



MAT 2431 MT= 57 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 9999. %



MAT 2431 MT= 58 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 912.4 %

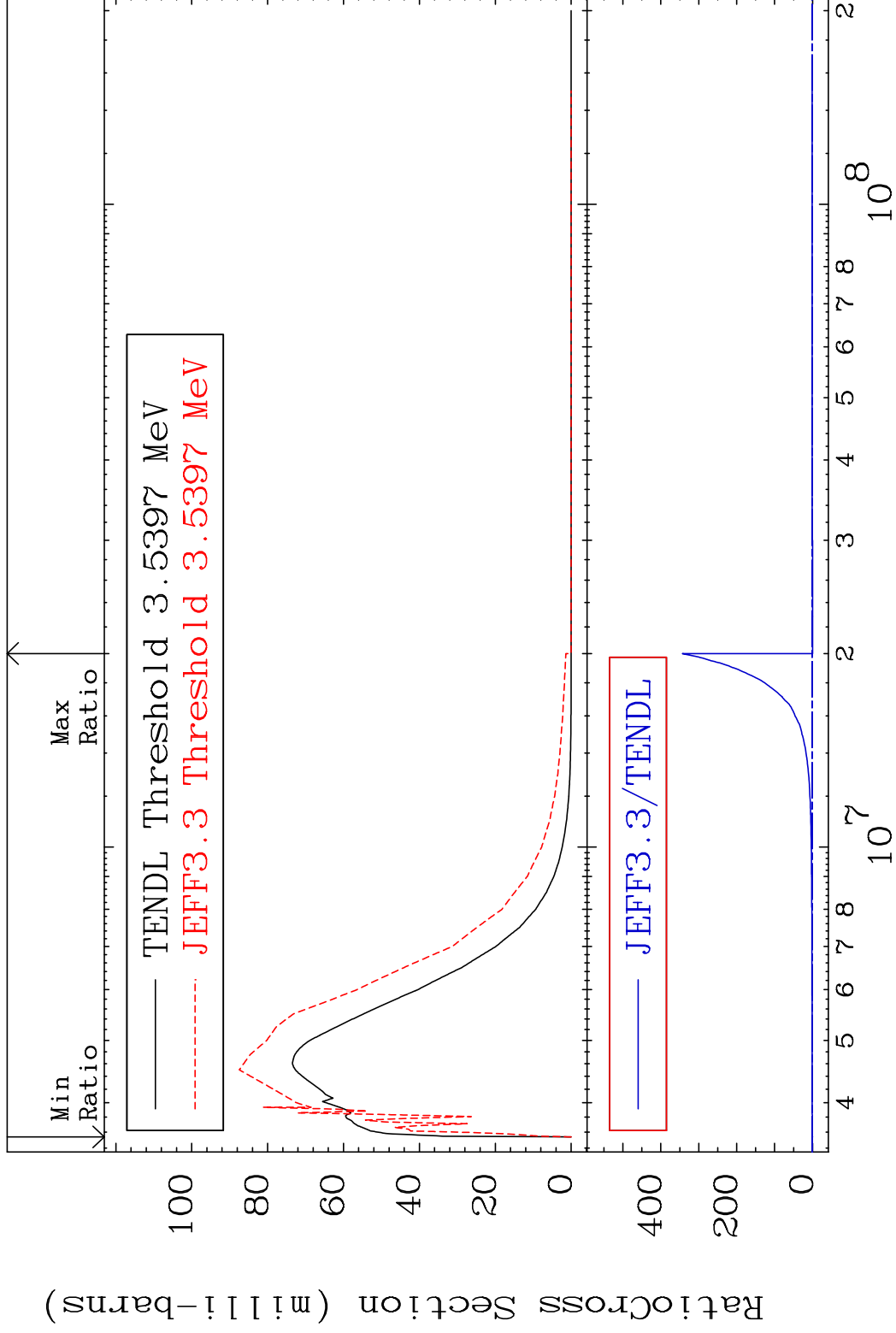


MAT 2431

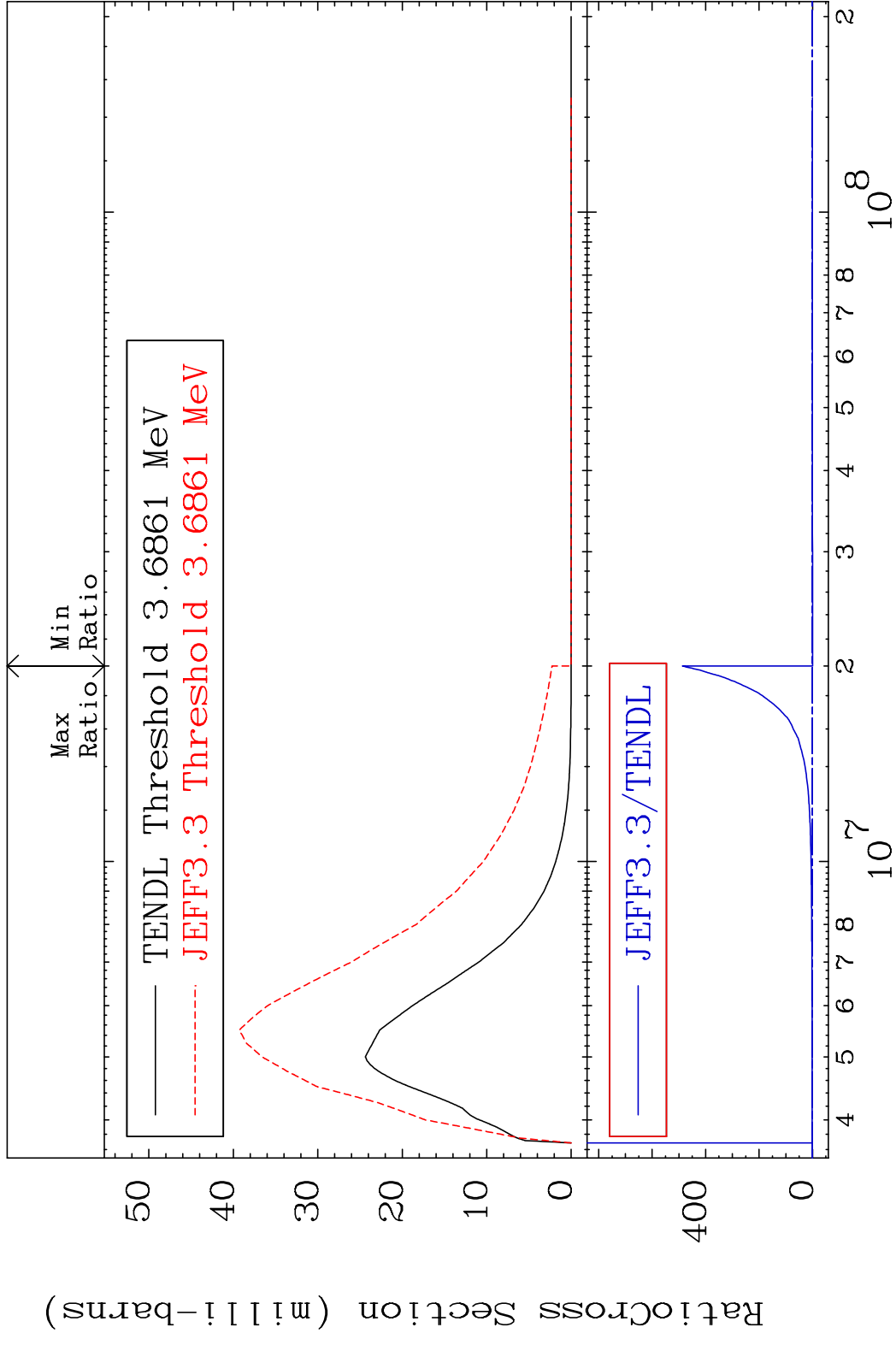
MT= 59 (n, n') Level

24-Cr-52

Cross Section -100.0 To 9999. %

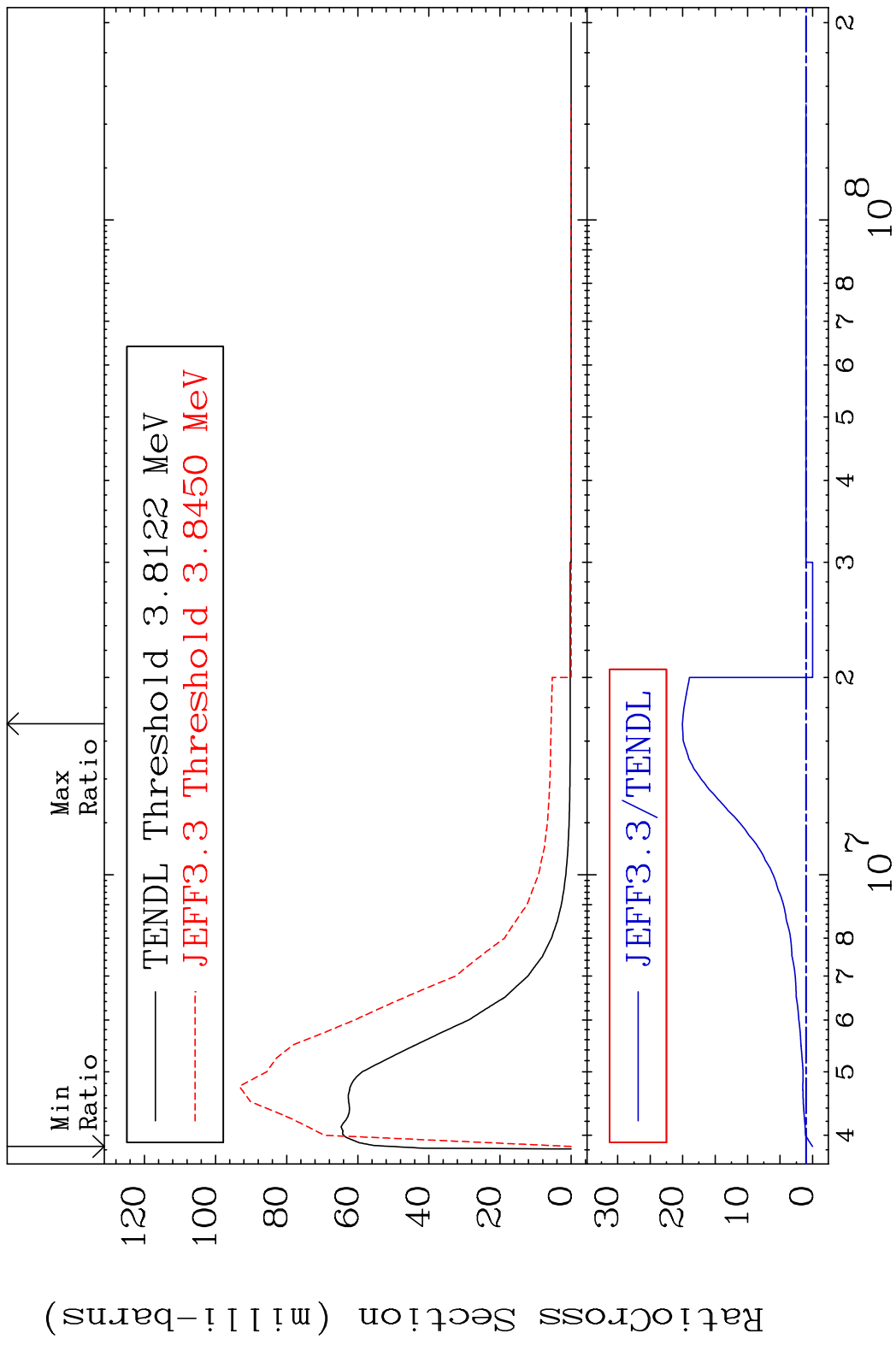


MAT 2431 MT= 60 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 9999. %

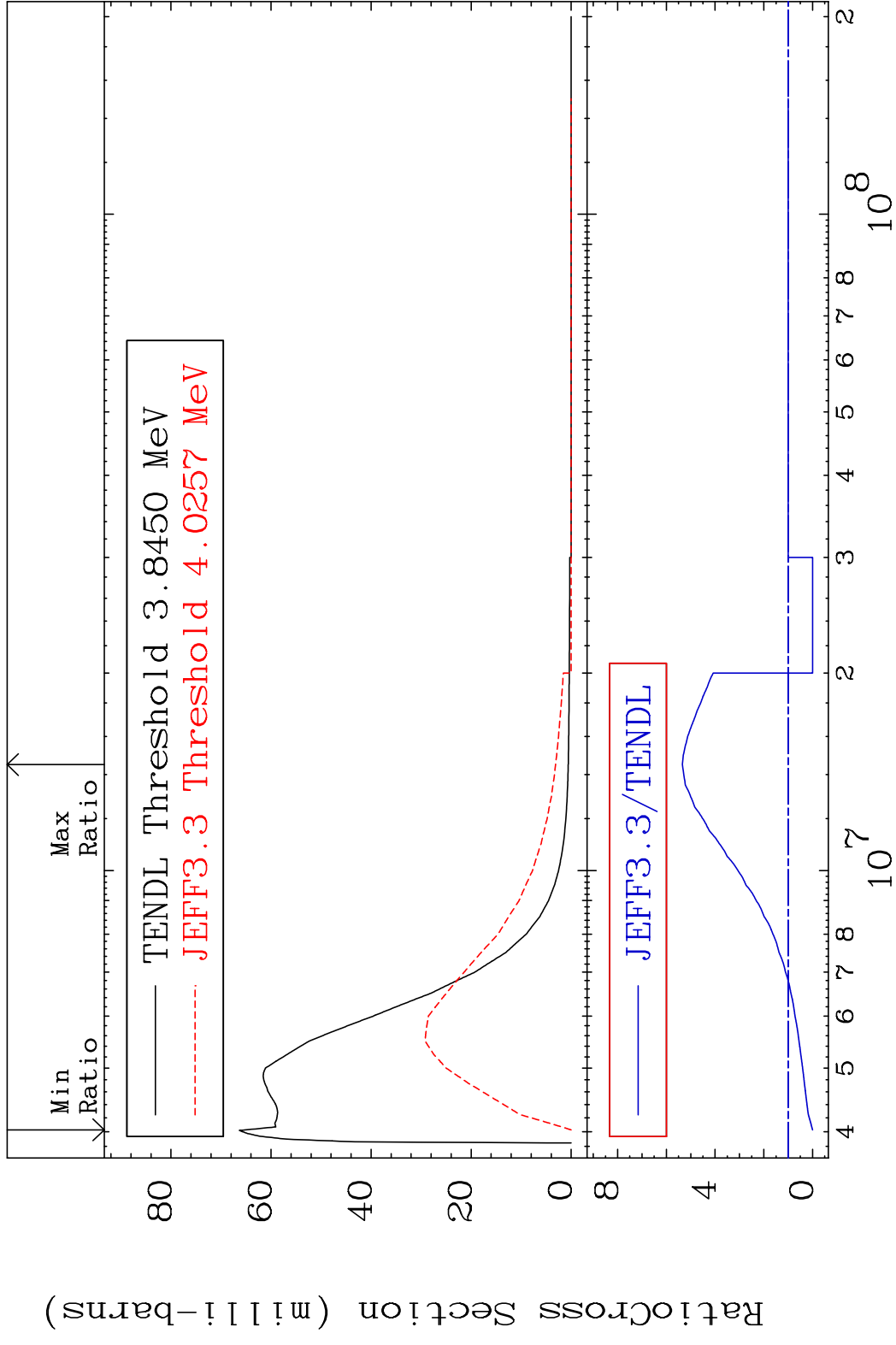


17 Incident Energy (eV) 24-Cr-52

MAT 2431 MT= 61 (n,n') Level 24-Cr-52
 Cross Section -100.0 To 1905. %

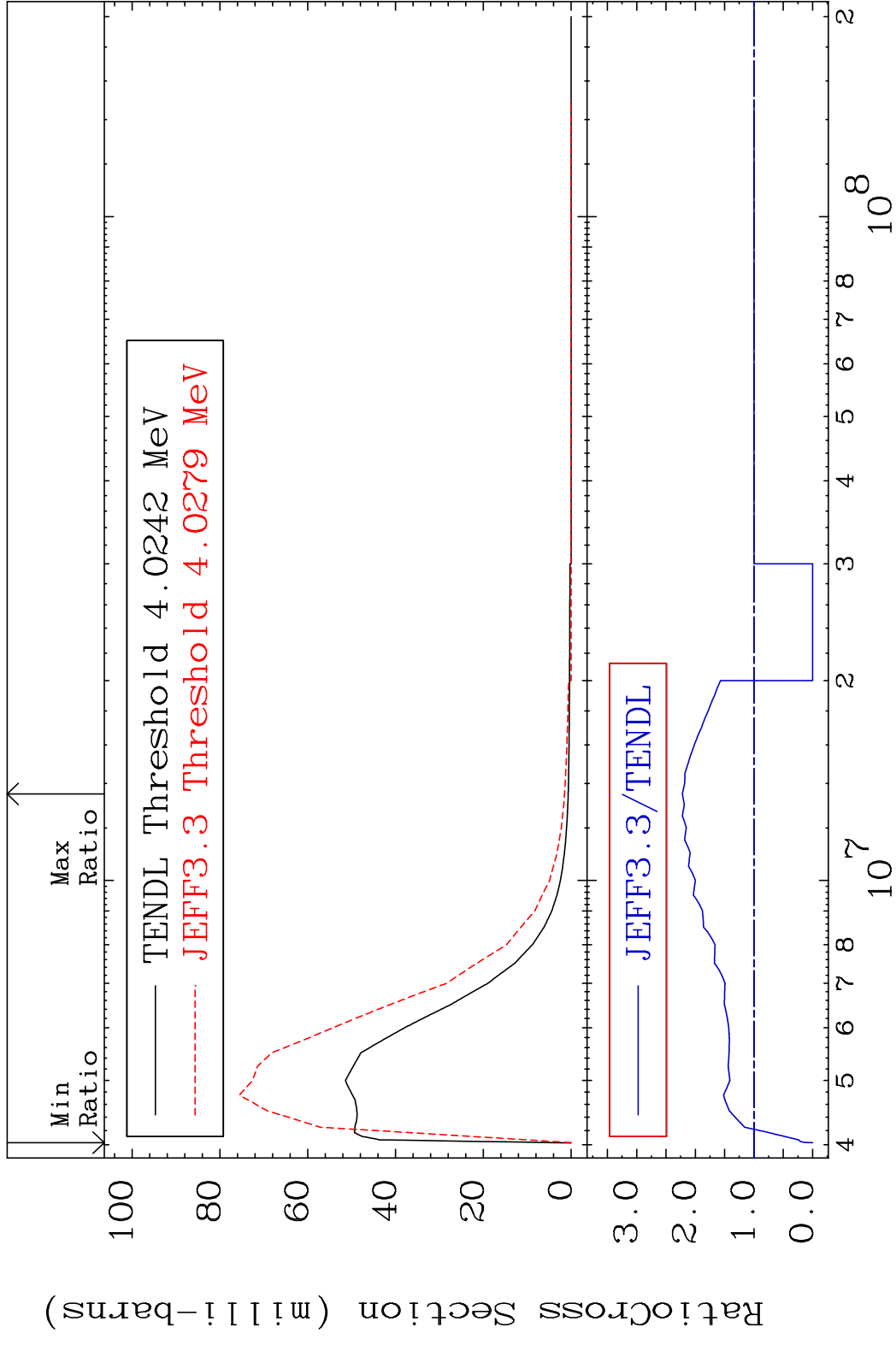


MAT 2431 MT= 62 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 434.4 %



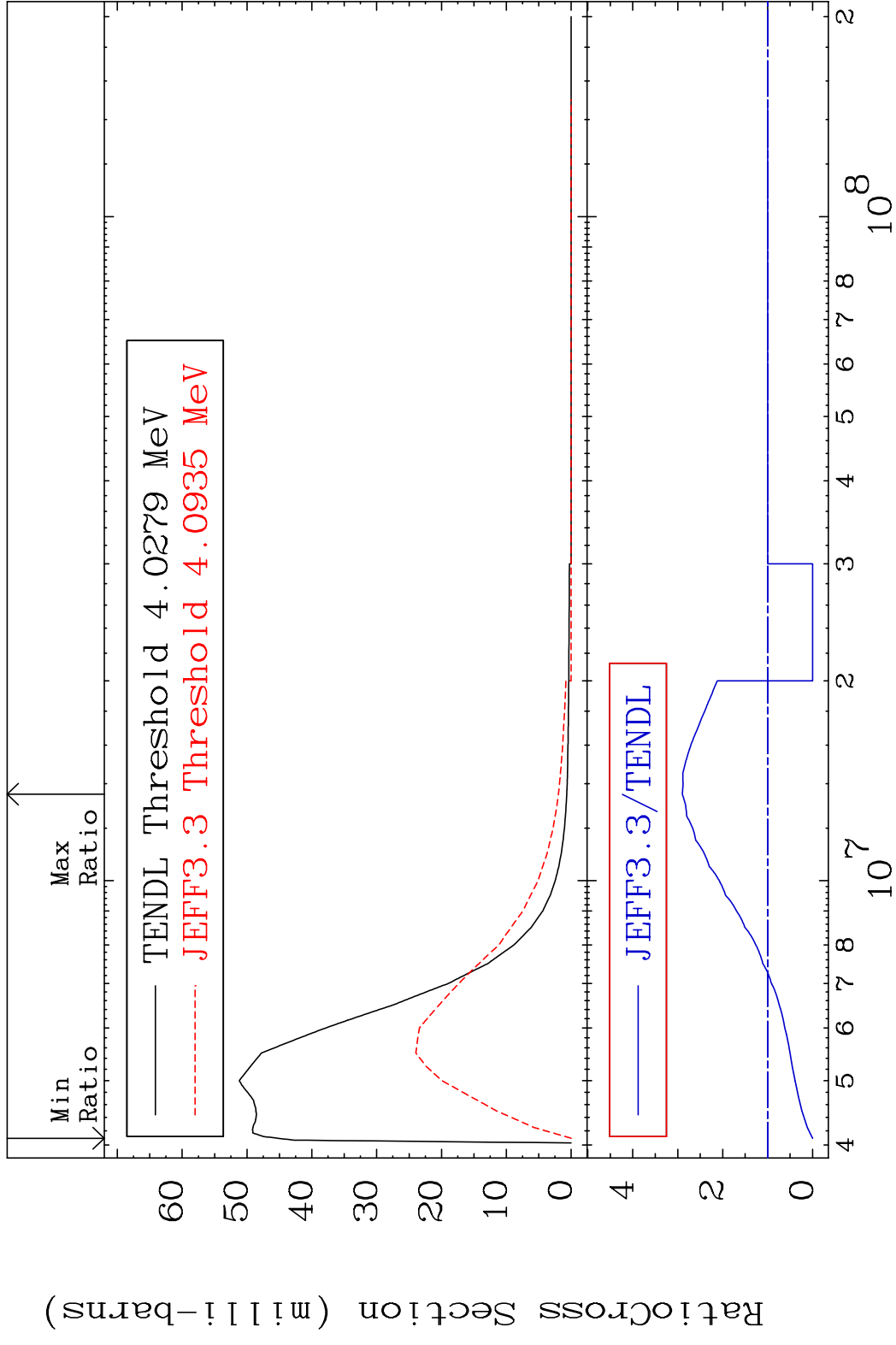
19 Incident Energy (eV) 24-Cr-52

MAT 2431 MT= 63 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 122.1 %

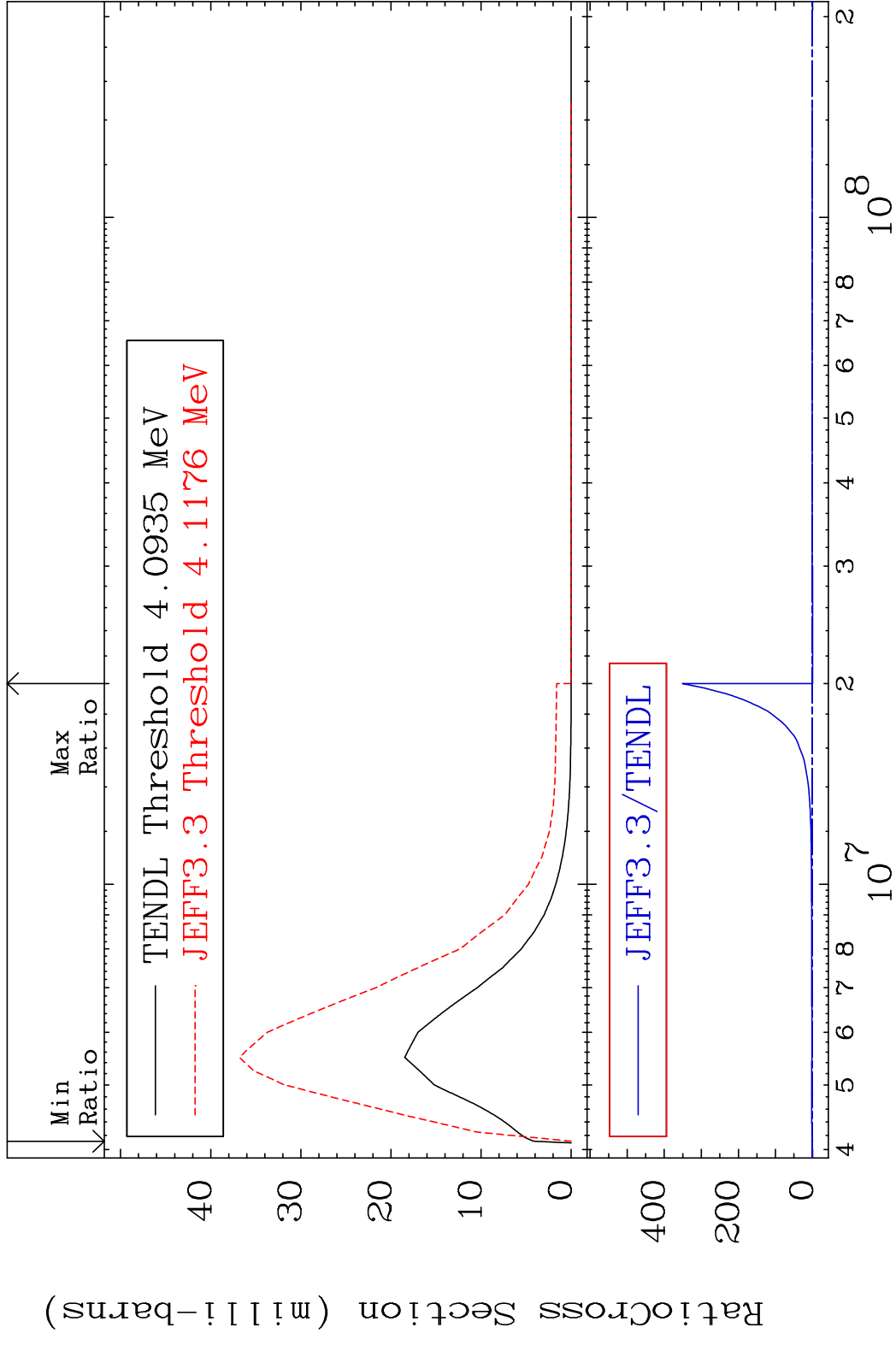


20 Incident Energy (eV) 24-Cr-52

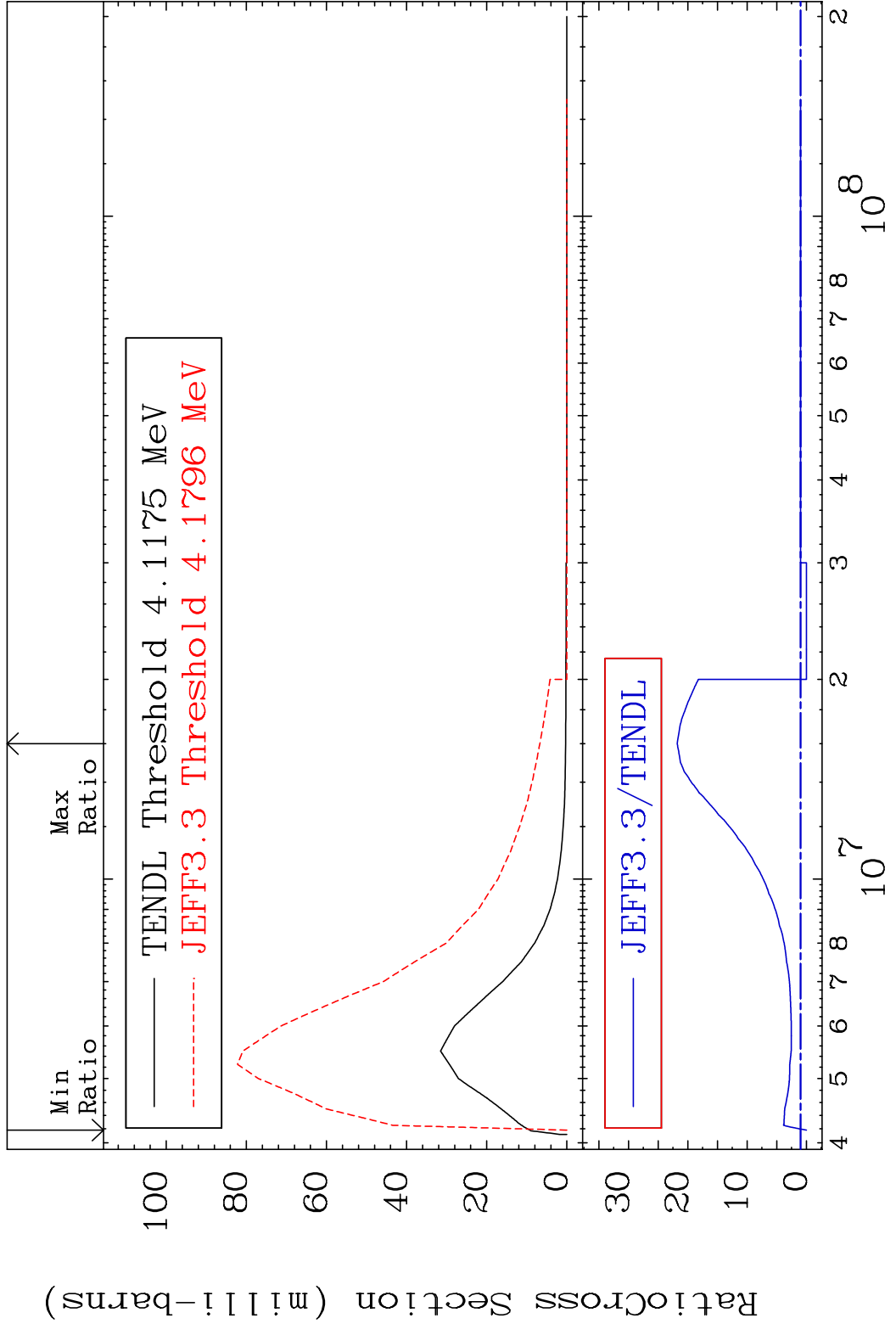
MAT 2431 MT= 64 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 189.7 %



MAT 2431 MT= 65 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 9999. %

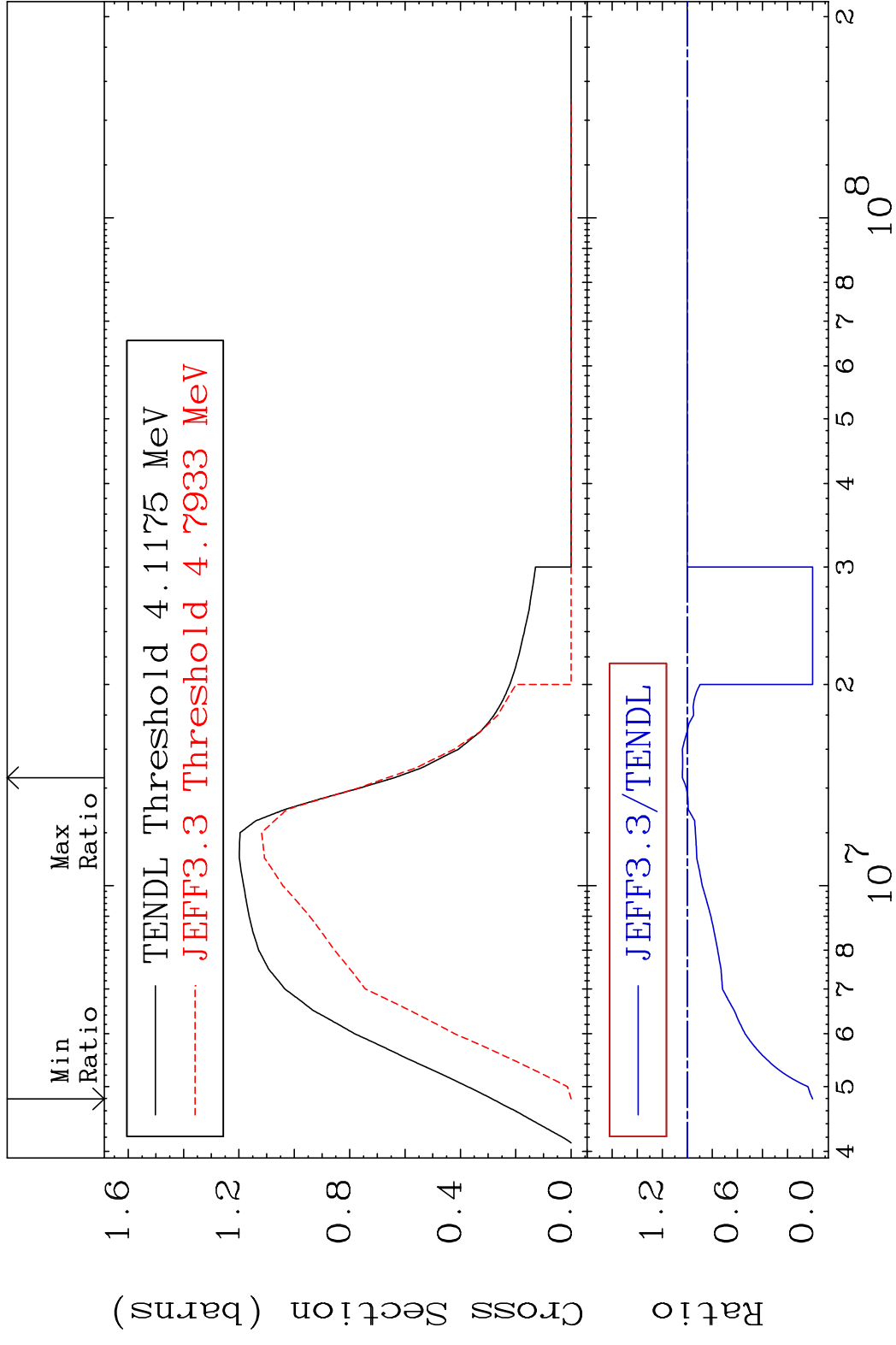


MAT 2431 MT= 66 (n,n') Level 24-Cr-52
 Cross Section -100.0 To 2079. %



23 Incident Energy (eV) 24-Cr-52

MAT 2431 (n, n') Continuum ²⁴Cr-52
 Cross Section -100.0 To 3.940 %



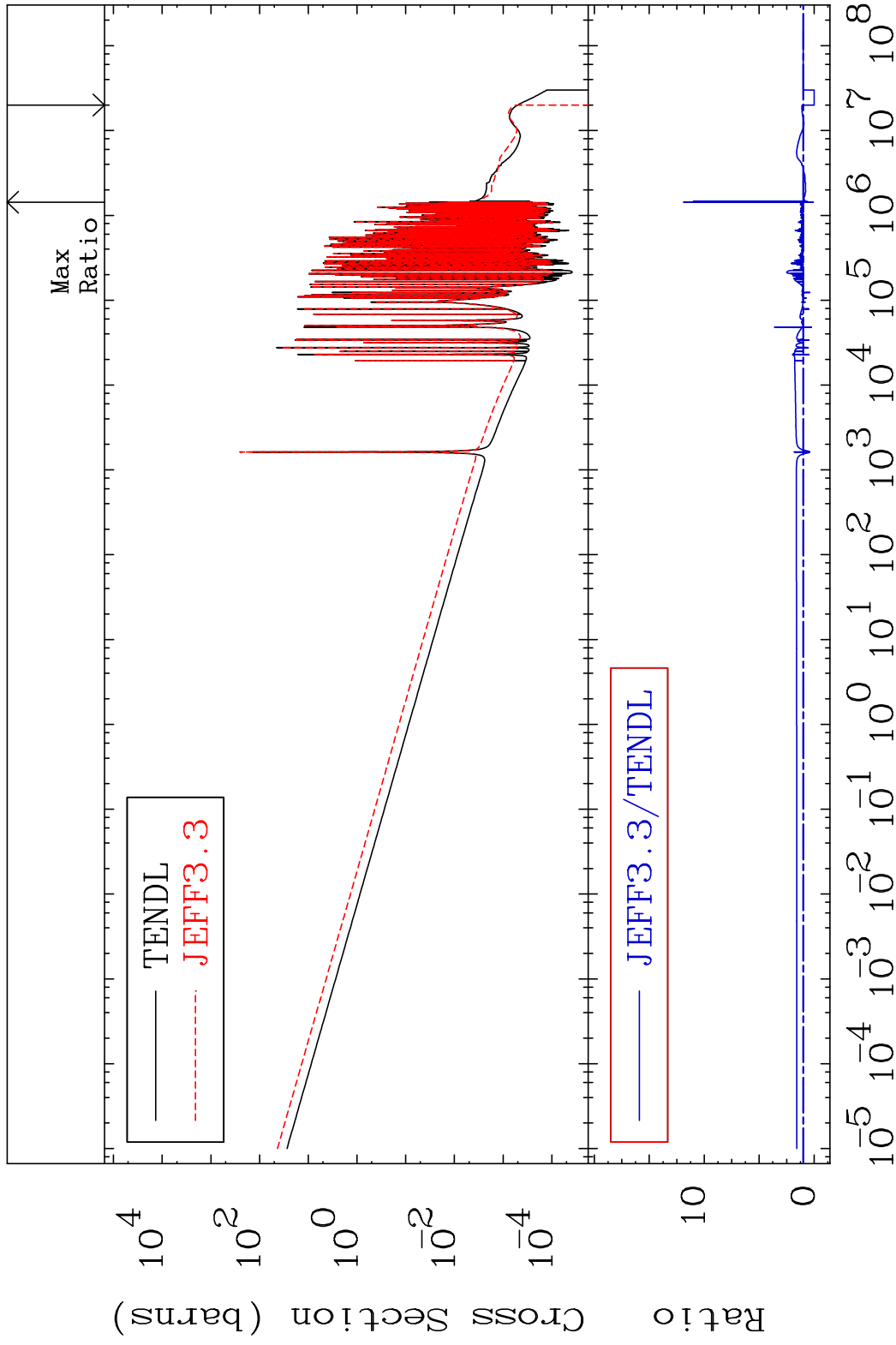
24 Incident Energy (eV) ²⁴Cr-52

MAT 2431

(n, γ)

24-Cr-52

Cross Section -100.0 To 1087. %



25

Incident Energy (eV)

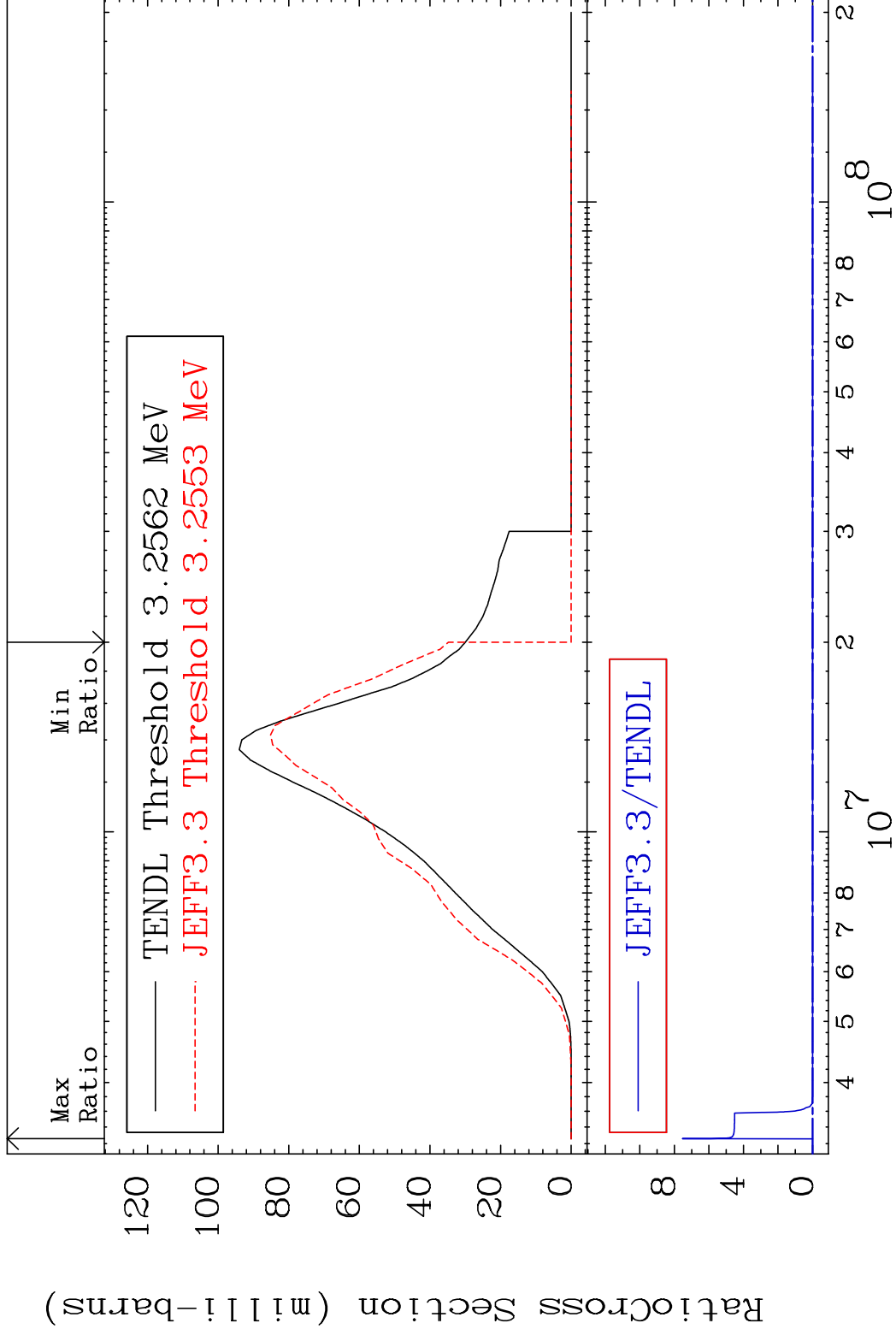
24-Cr-52

MAT 2431

(n, p)

²⁴Cr-52

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

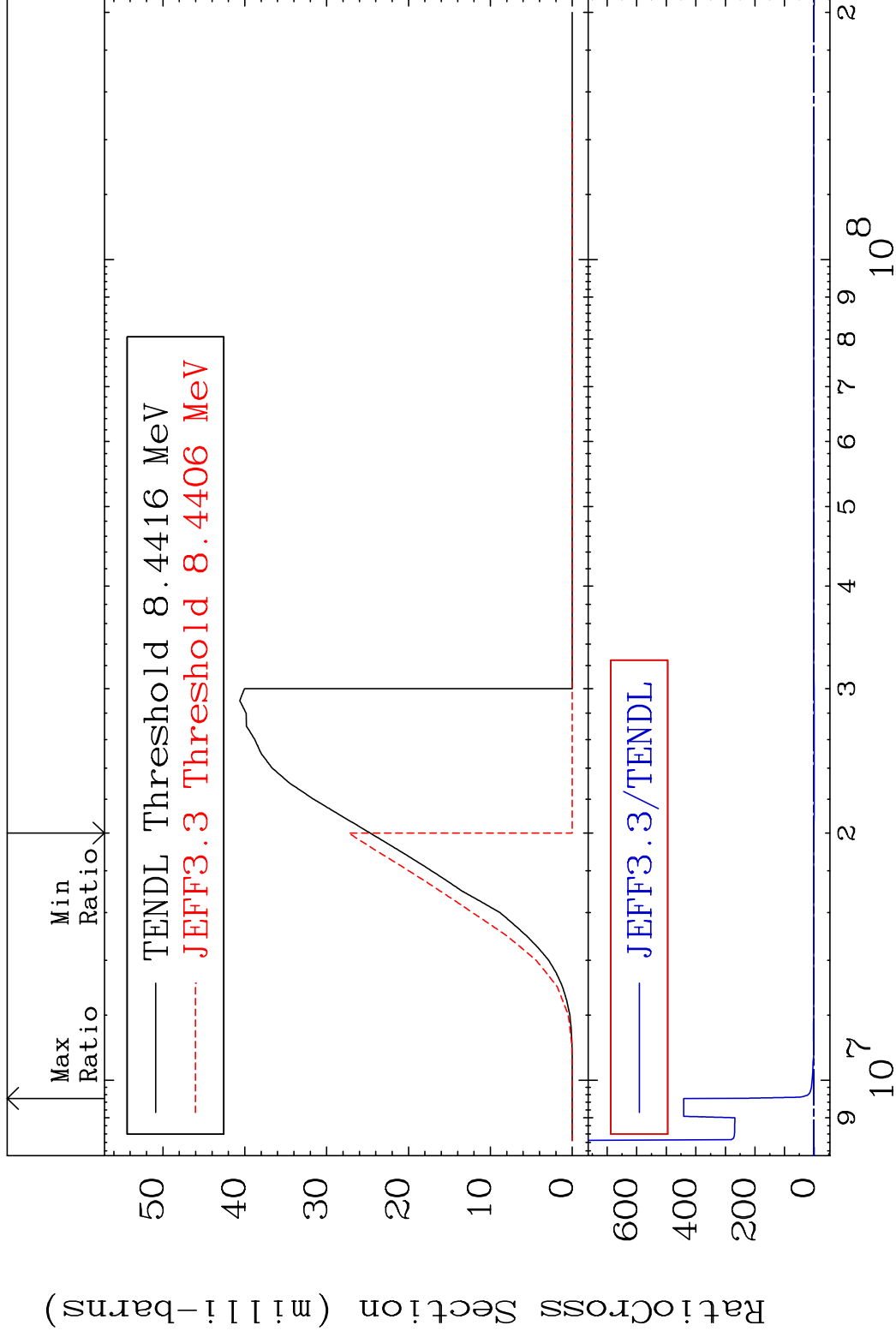
²⁴Cr-52

MAT 2431

(n, d)

24-Cr-52

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

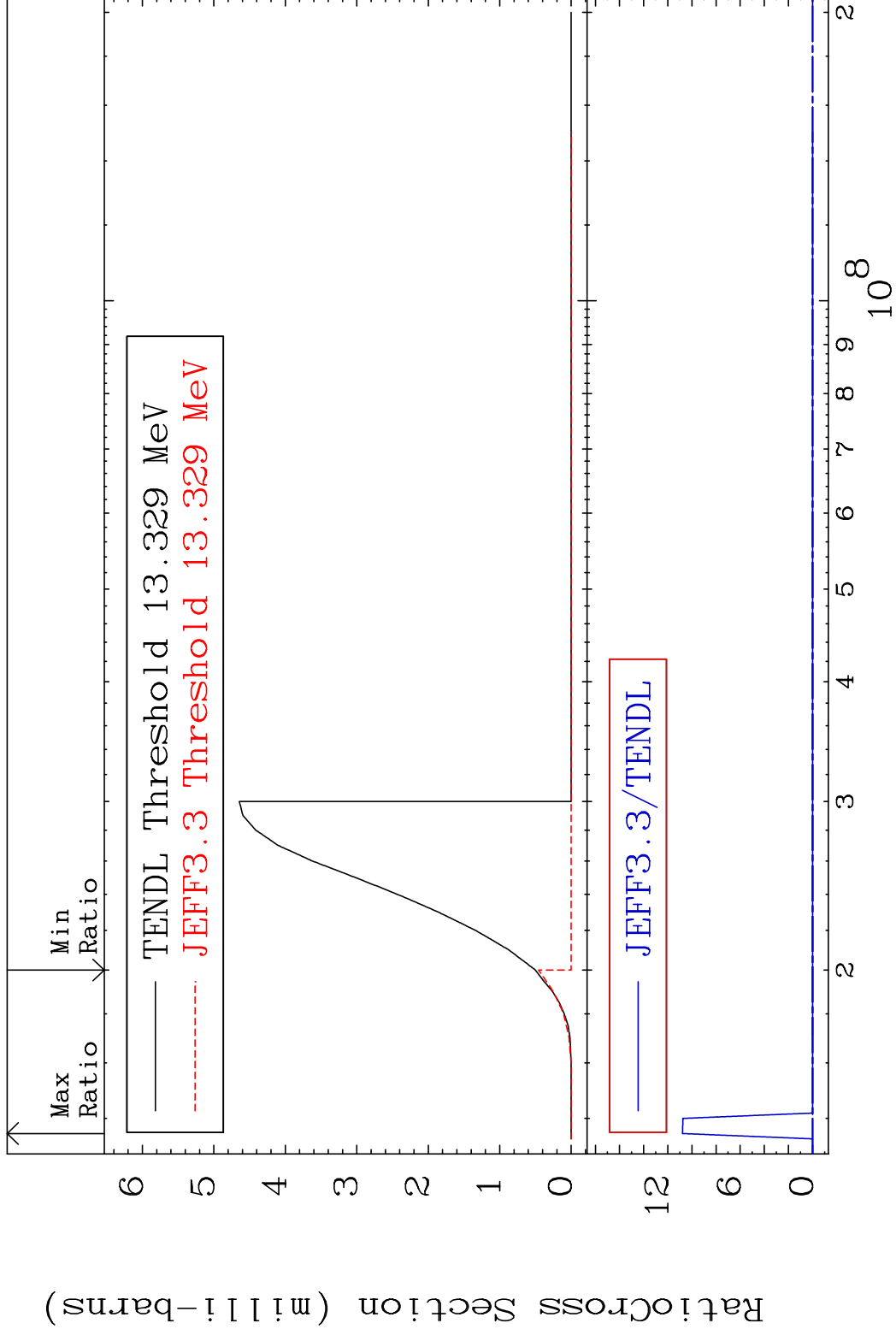
24-Cr-52

MAT 2431

(n, t)

²⁴Cr-52

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

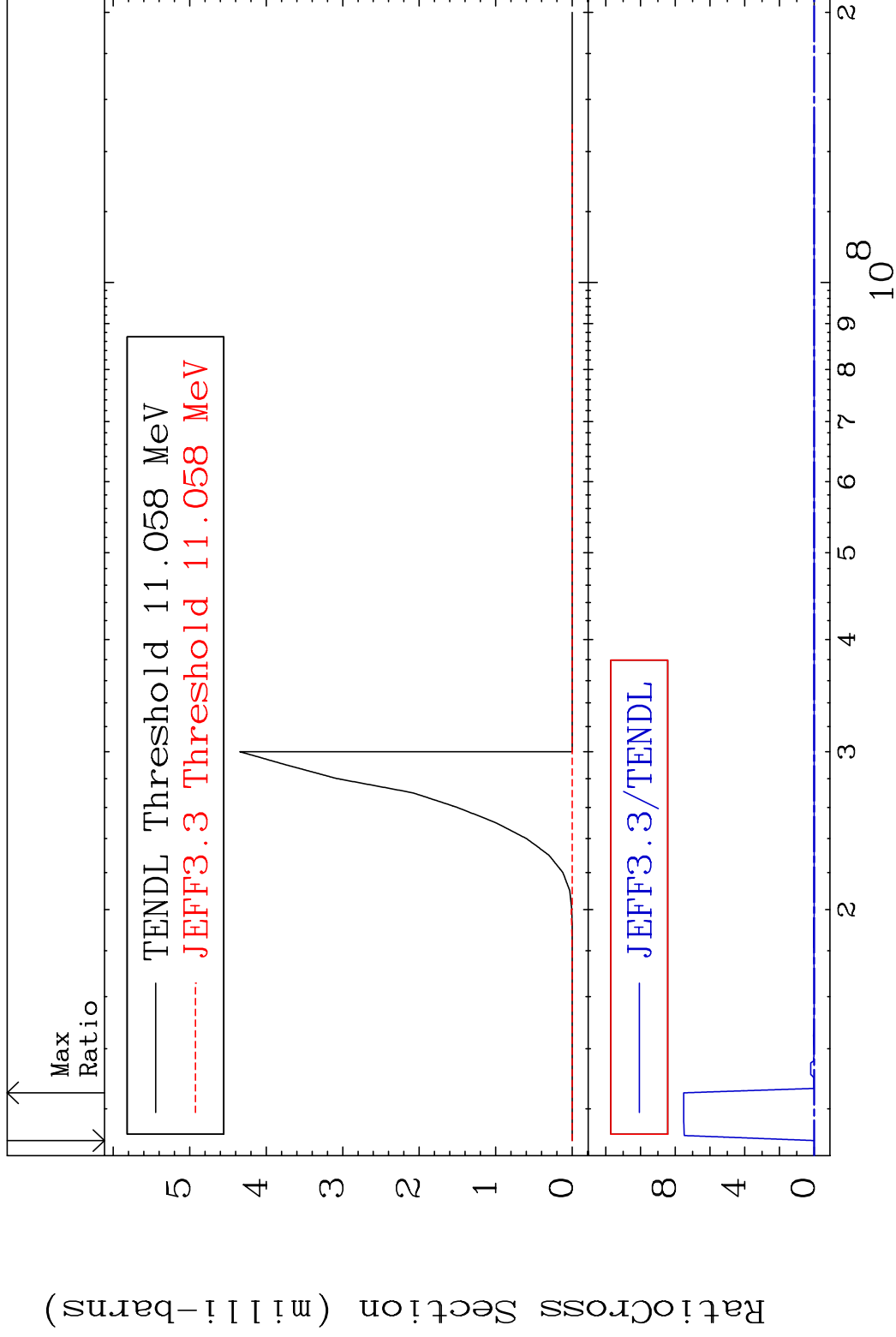
²⁴Cr-52

MAT 2431

(n, He-3)

²⁴Cr-52

Cross Section -100.0 To 9999. %

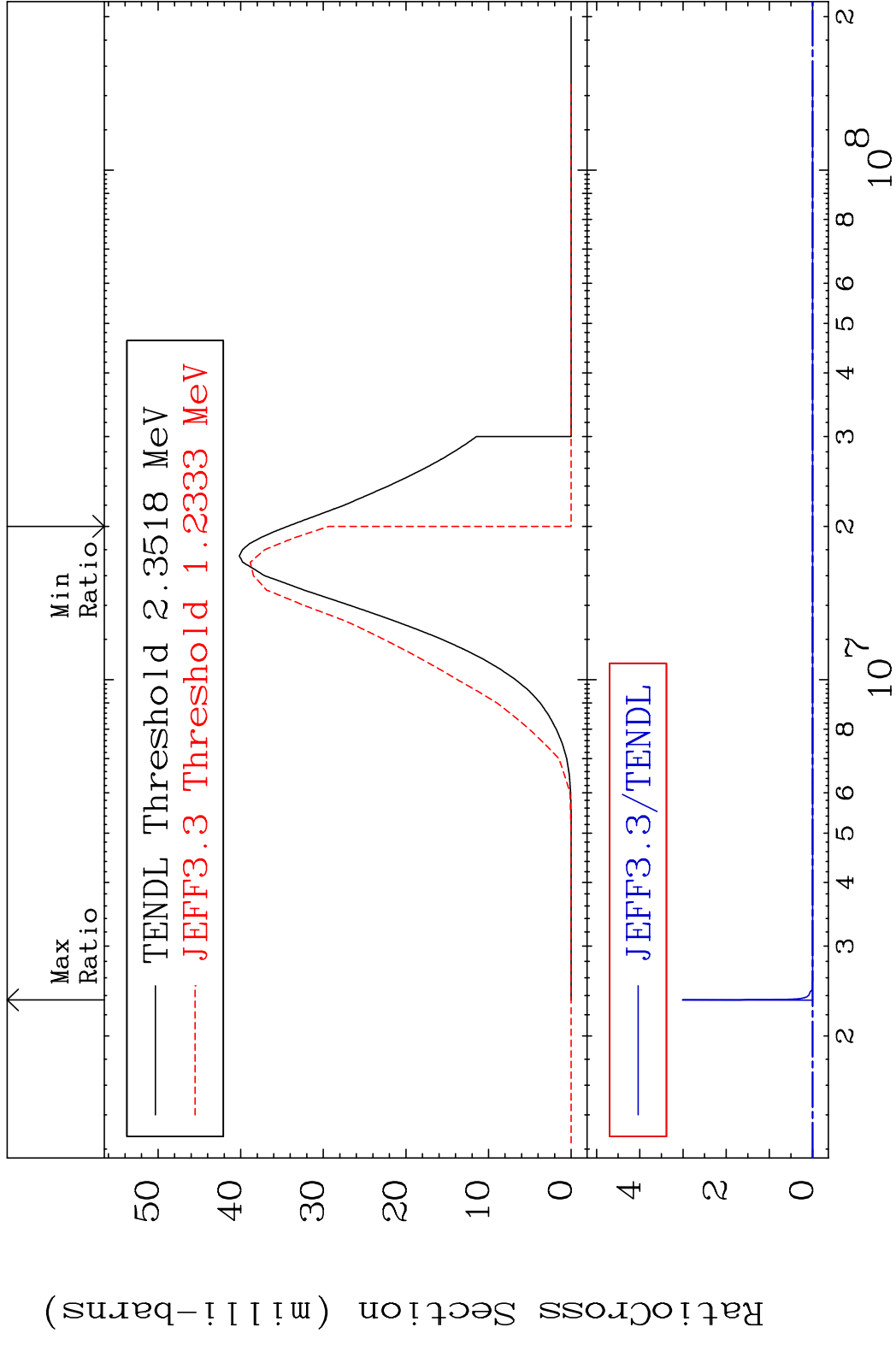


29

Incident Energy (eV)

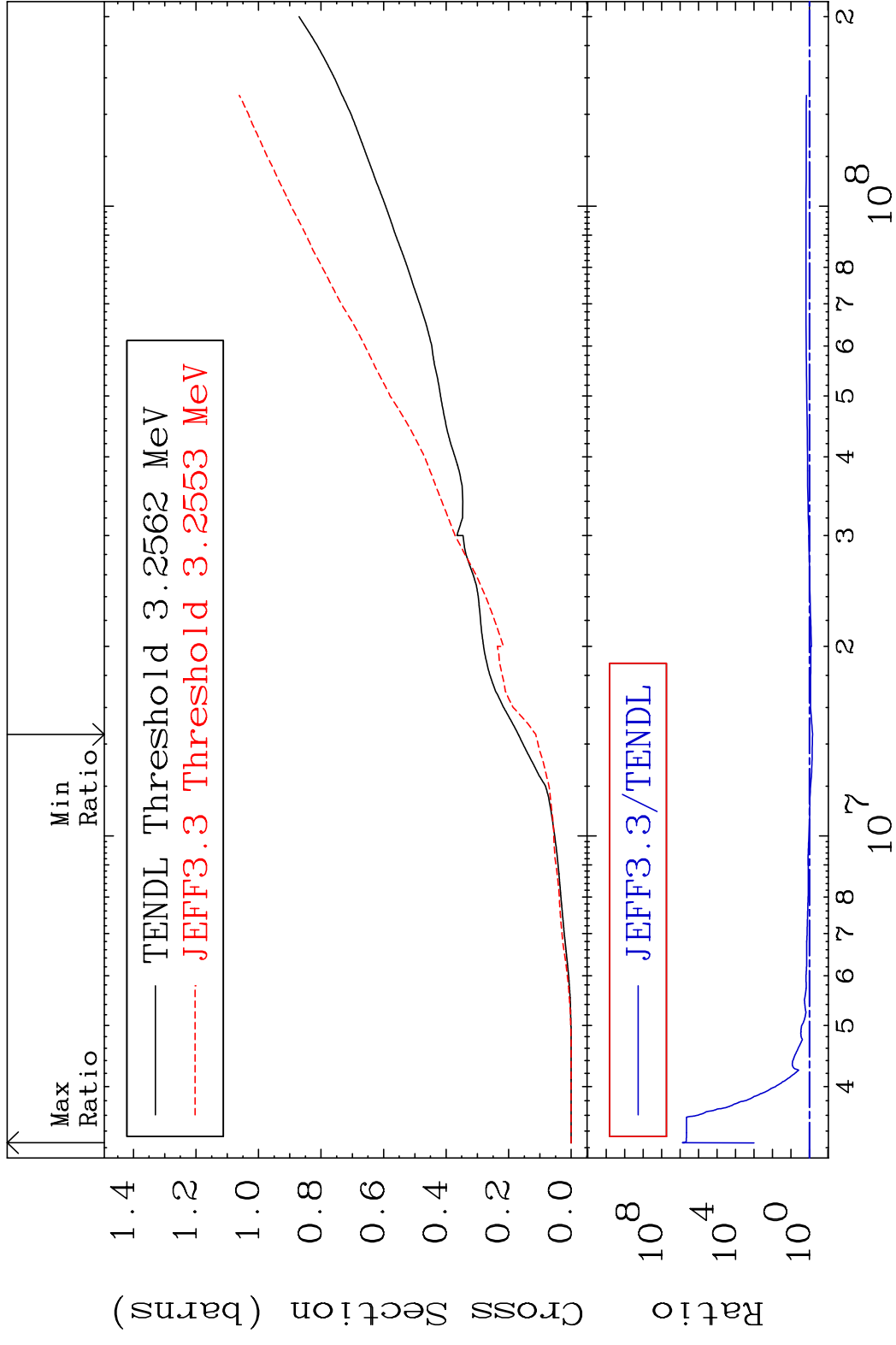
²⁴Cr-52

MAT 2431 (n, α) 24-Cr-52
 Cross Section -100.0 To 9999. %

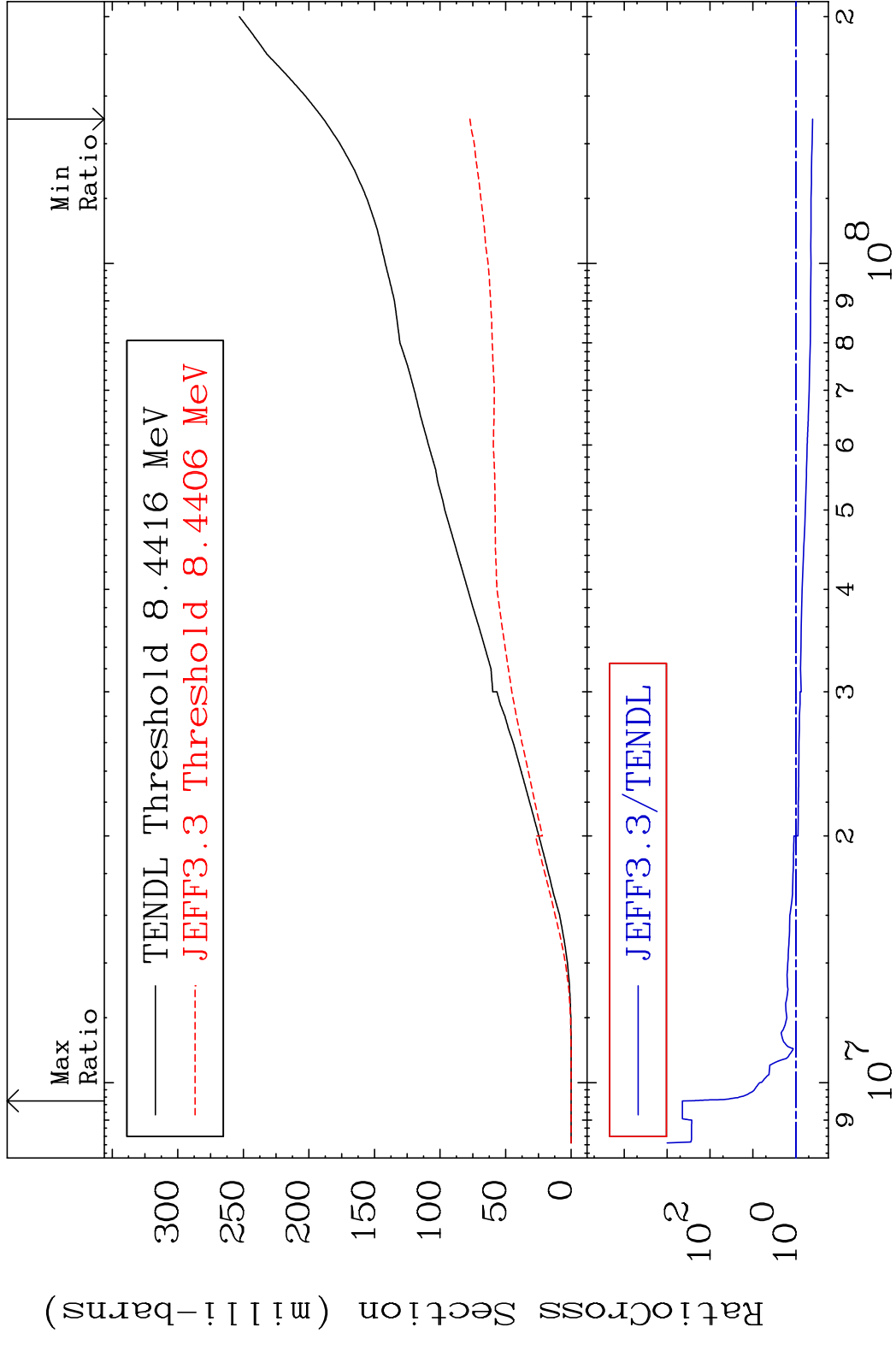


30 24-Cr-52

MAT 2431 Hydrogen Production 24-Cr-52
 Cross Section -32.93 To 9999. %



MAT 2431 Deuterium Production 24-Cr-52
 Cross Section -59.08 To 9999. %



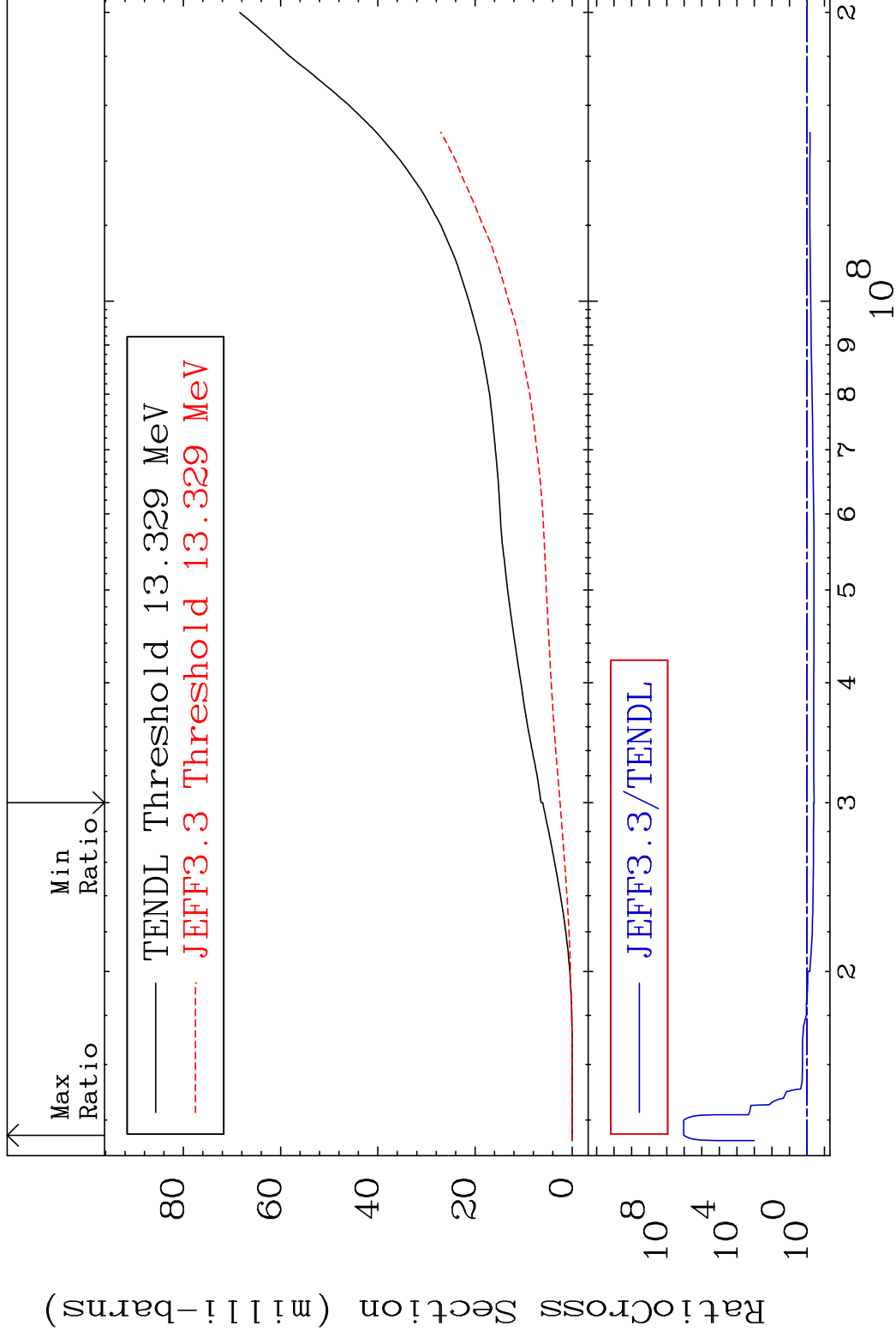
32 Incident Energy (eV) 24-Cr-52

MAT 2431

Tritium Production

24-Cr-52

Cross Section -60.85 To 9999. %

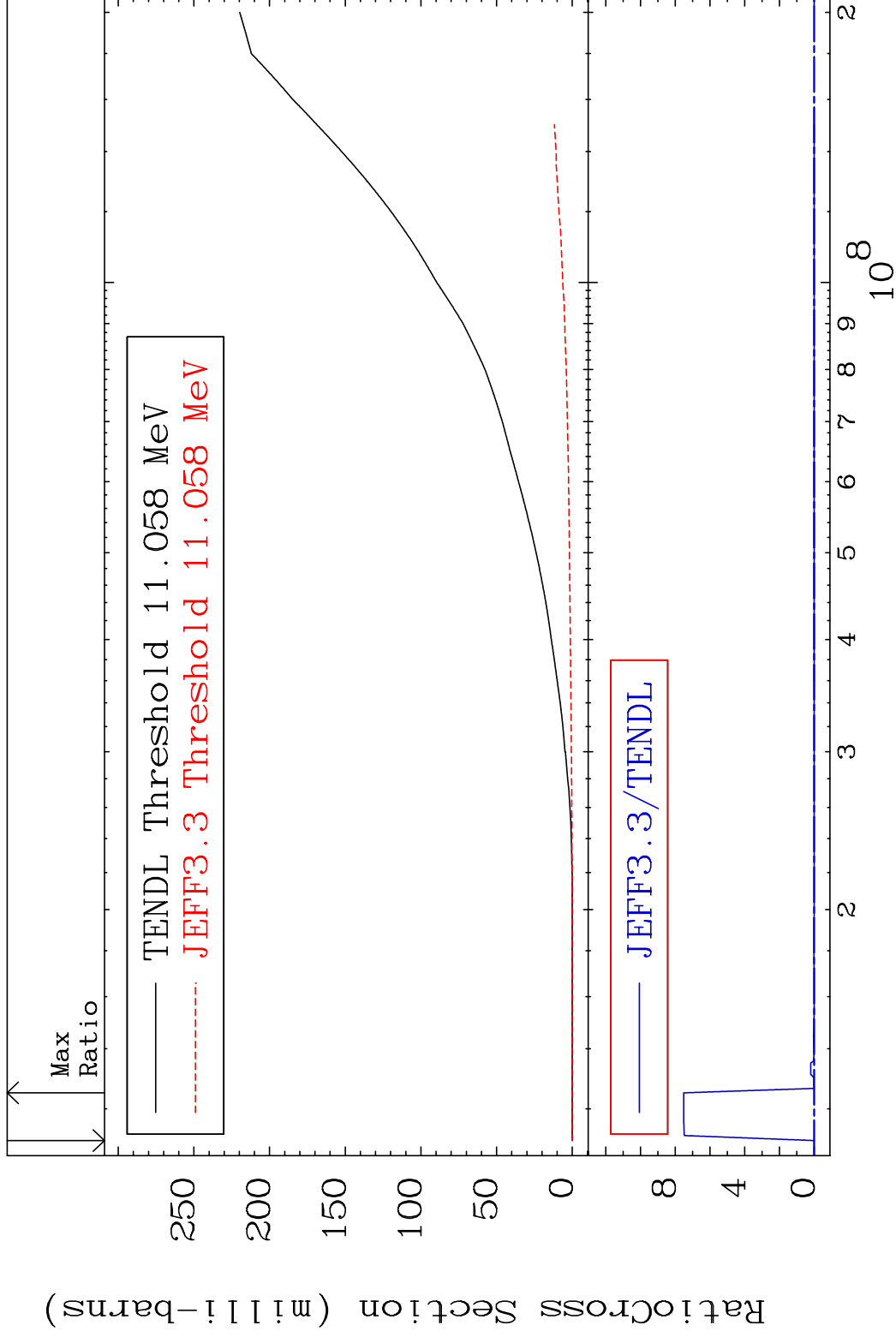


MAT 2431

He-3 Production

²⁴Cr-52

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

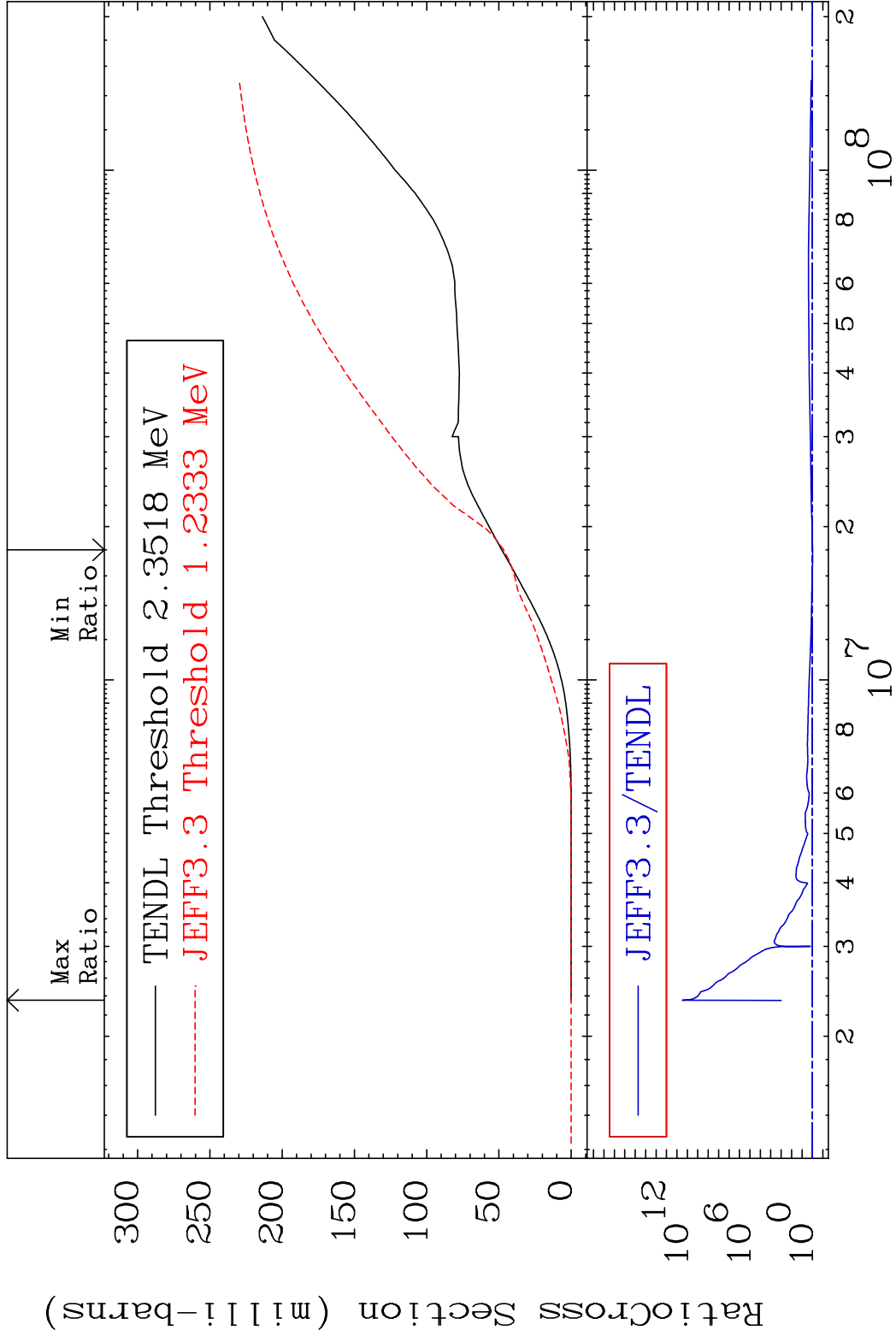
²⁴Cr-52

MAT 2431

He-4 Production

24-Cr-52

Cross Section -2.567 To 9999. %

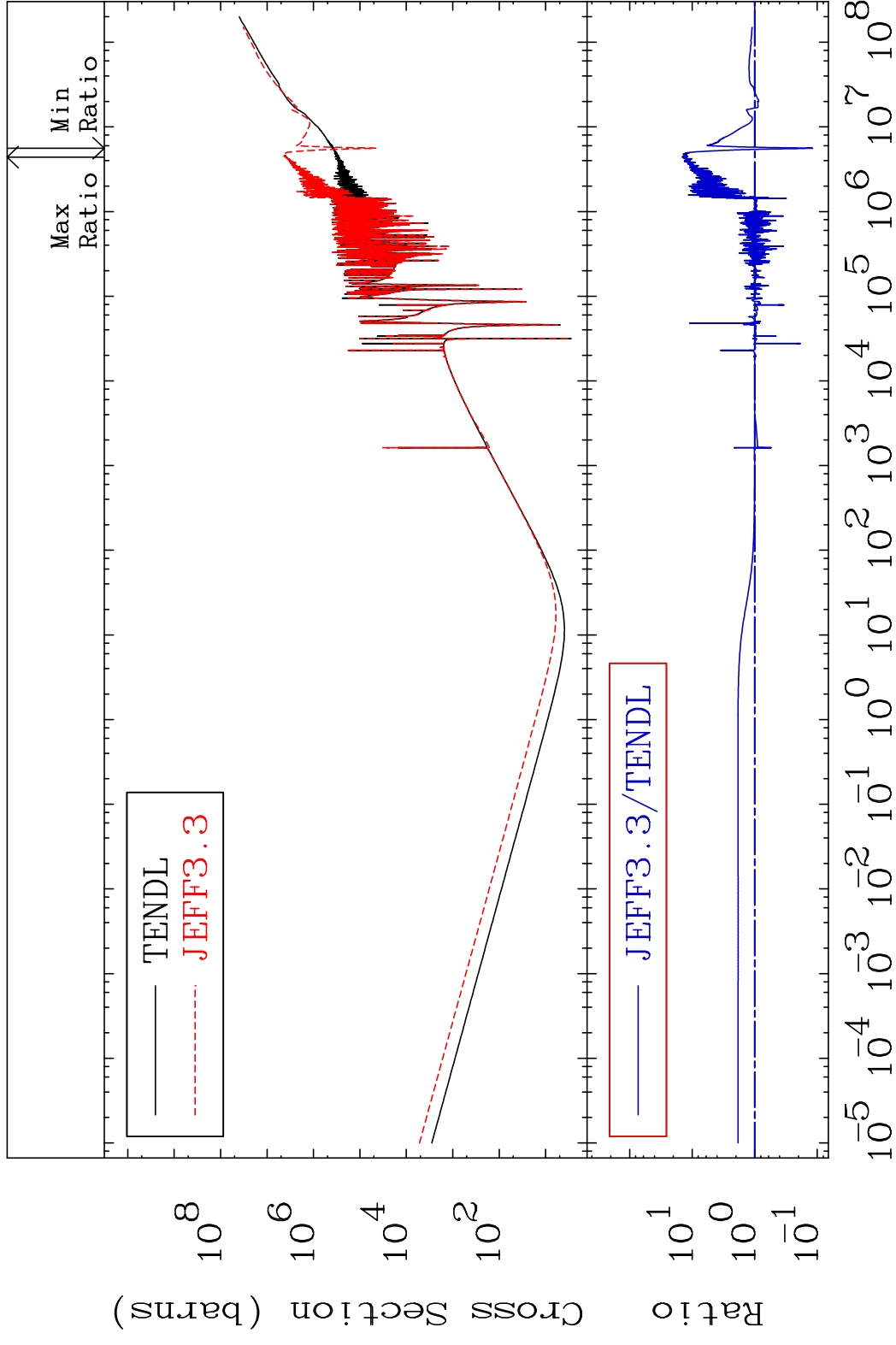


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Incident Energy (eV)

24-Cr-52

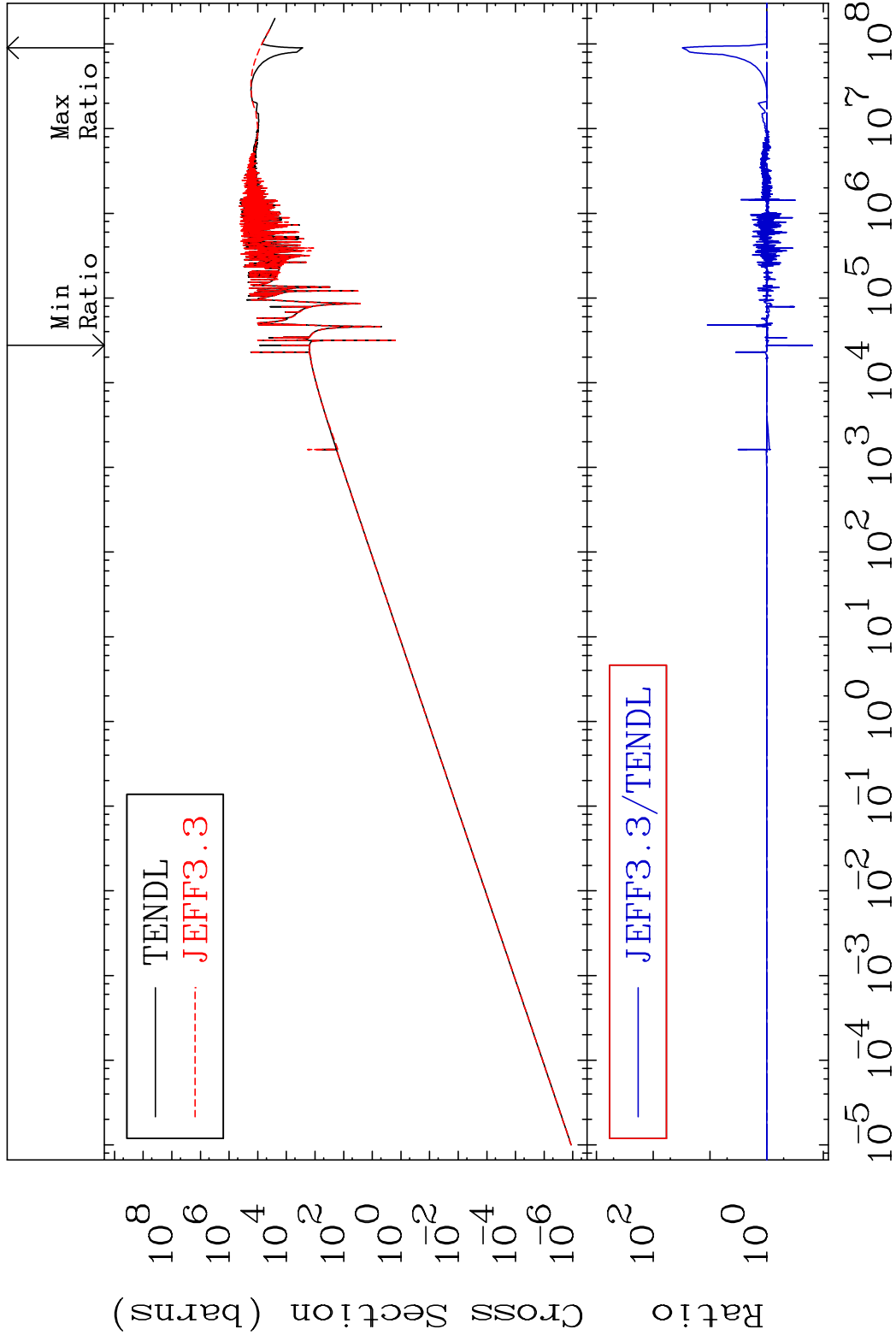
MAT 2431 Kerma total (eV-barns) 24-Cr-52
 Cross Section -88.10 To 1335. %



MAT 2431

Kerma elastic
Cross Section

24-Cr-52
-84.48 To 2964. %

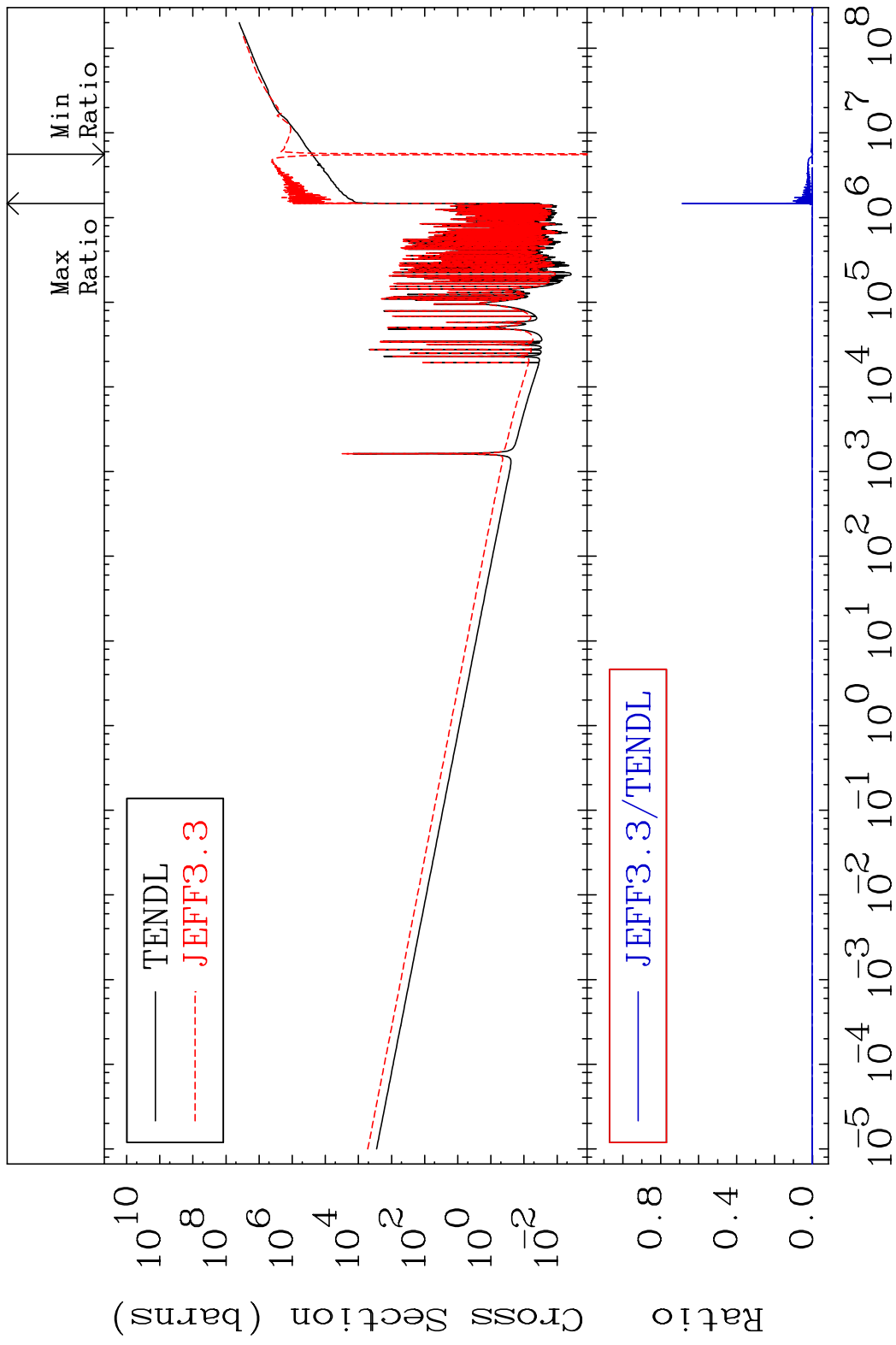


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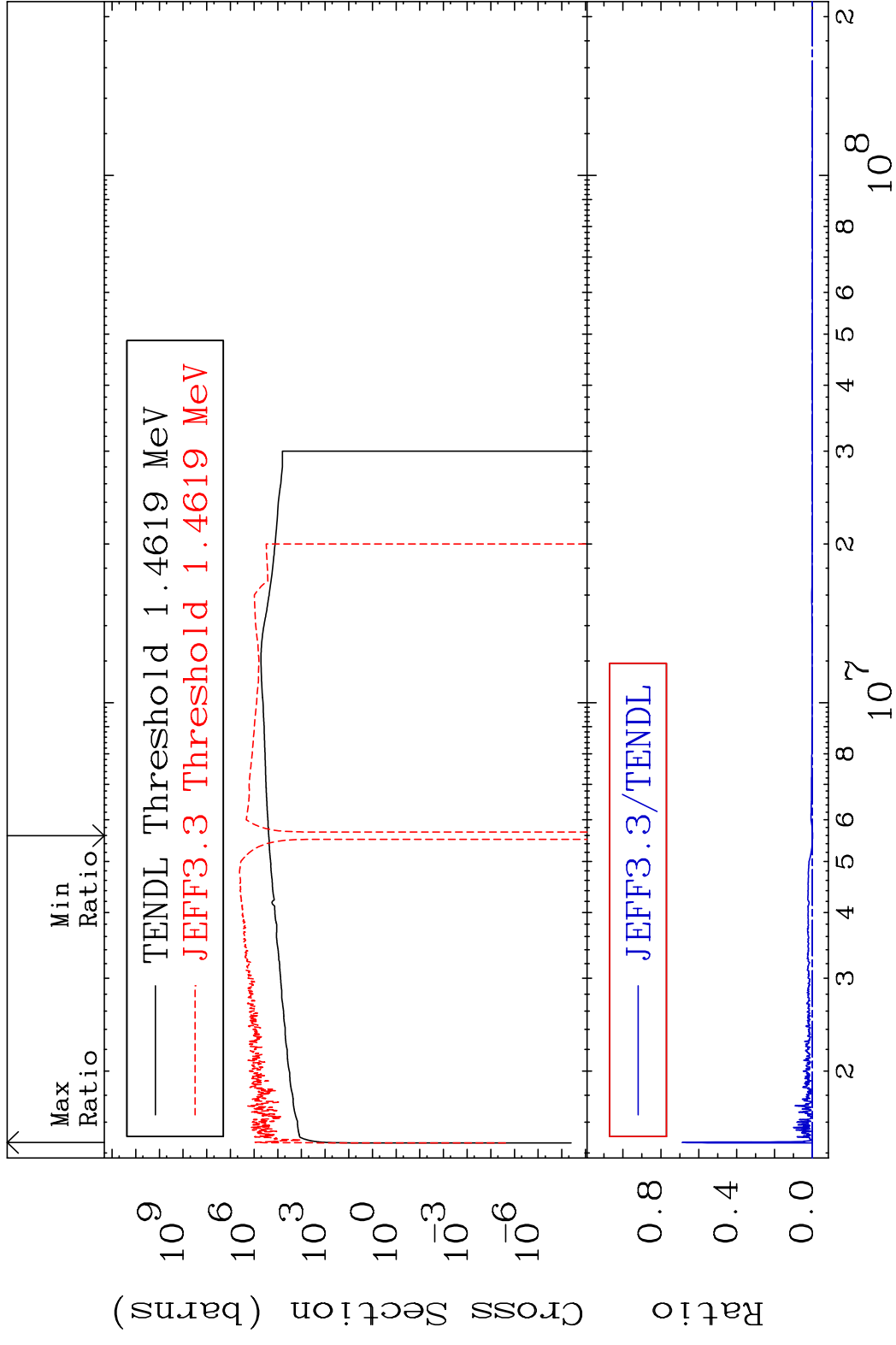
Incident Energy (eV)

24-Cr-52

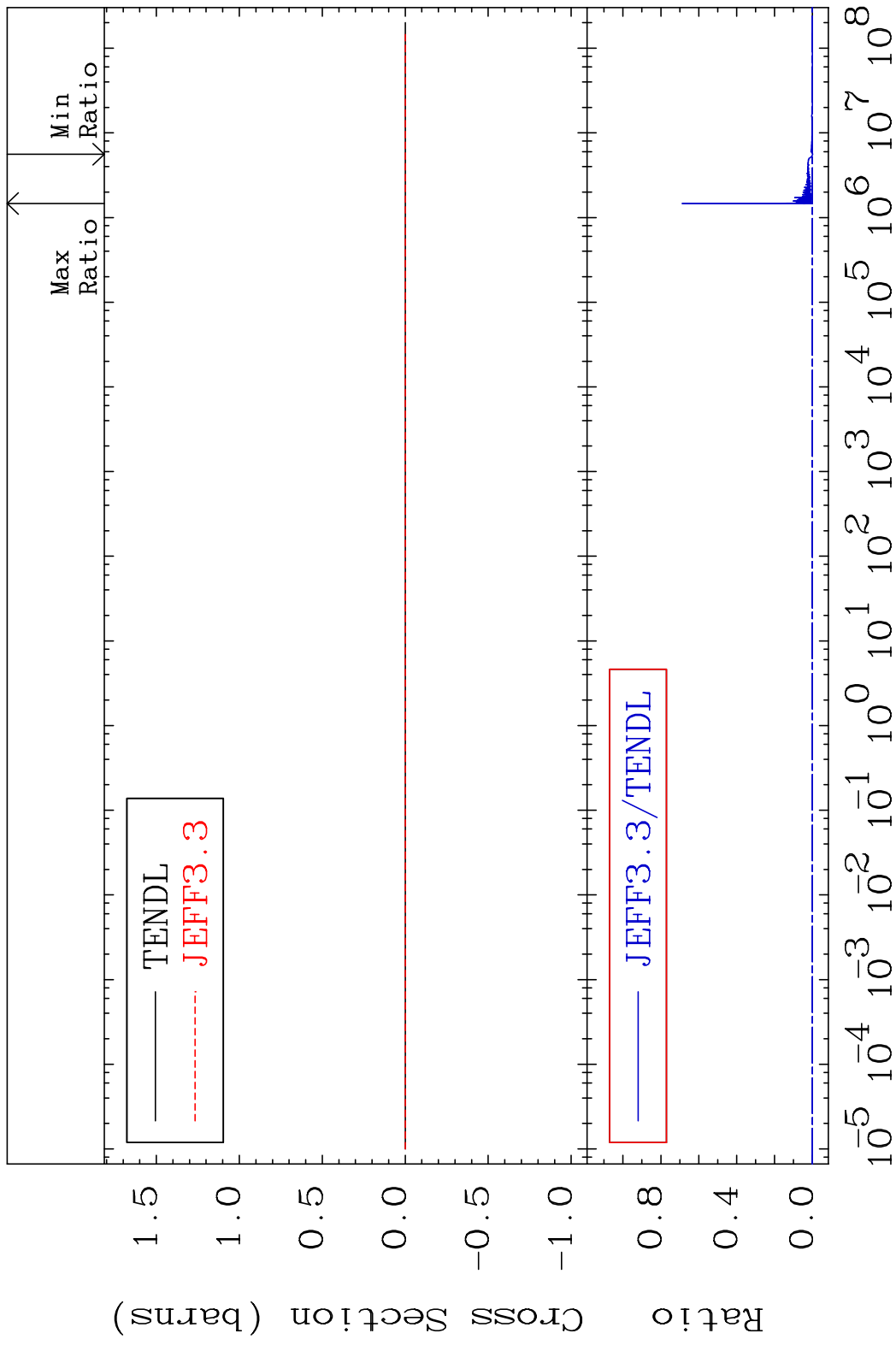
MAT 2431 Kerma non-elastic (all but mt2) 24-Cr-52
 Cross Section -133.3 To 9999. %



MAT 2431 Kerma inelastic (mt51-91) 24-Cr-52
 Cross Section -141.0 To 9999. %



MAT 2431 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-52
 Cross Section -141.0 To 9999. %

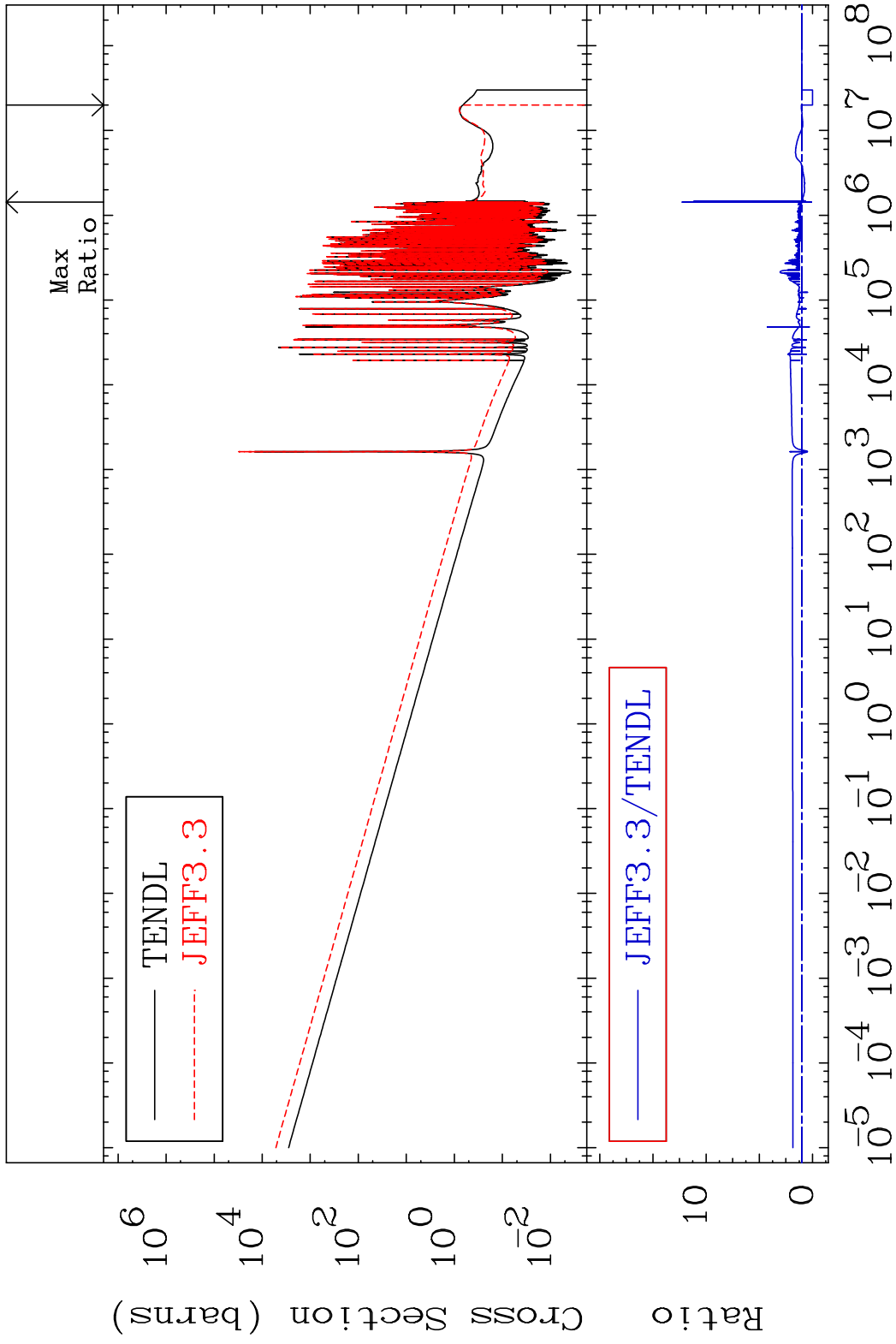


MAT 2431

Kerma capture (mt102)

24-Cr-52

Cross Section -100.0 To 1125. %

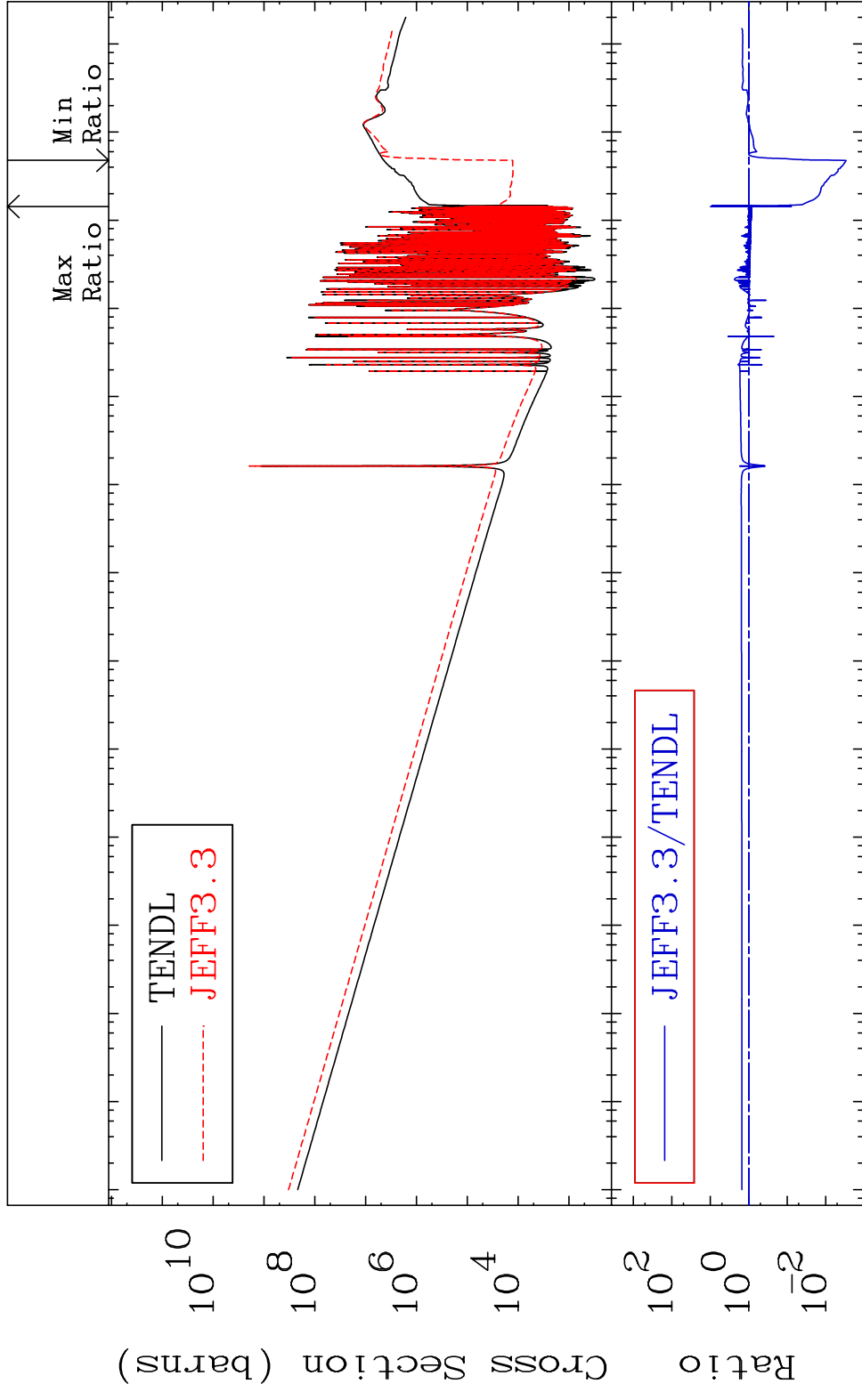


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Incident Energy (eV)

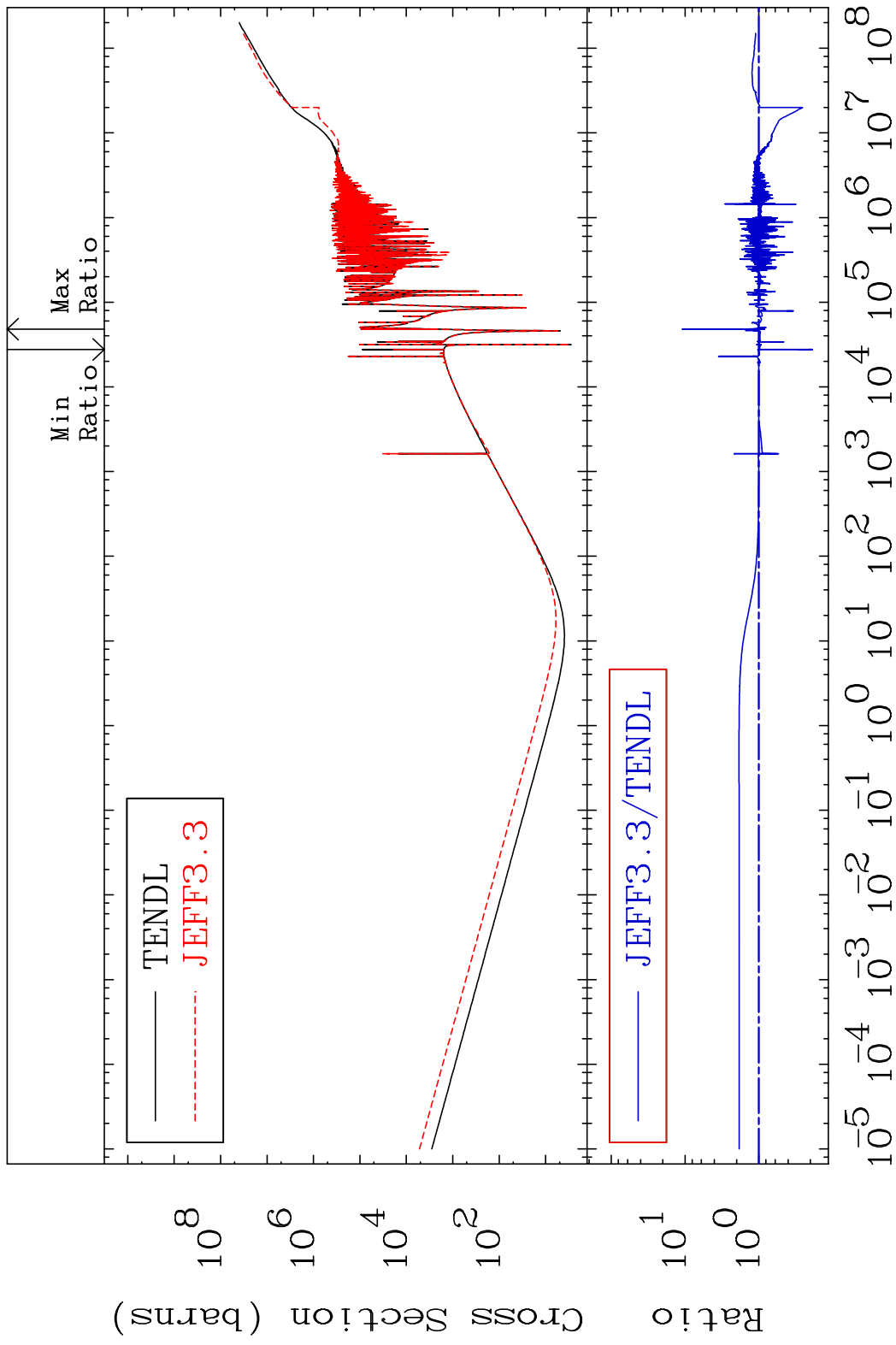
24-Cr-52

MAT 2431 Total photon (eV-barns) 24-Cr-52
 Cross Section -99.71 To 875.6 %



42 Incident Energy (eV) 24-Cr-52

MAT 2431 Total kinematic kerma (high limit) 24-Cr-52
 Cross Section -81.33 To 987.1 %

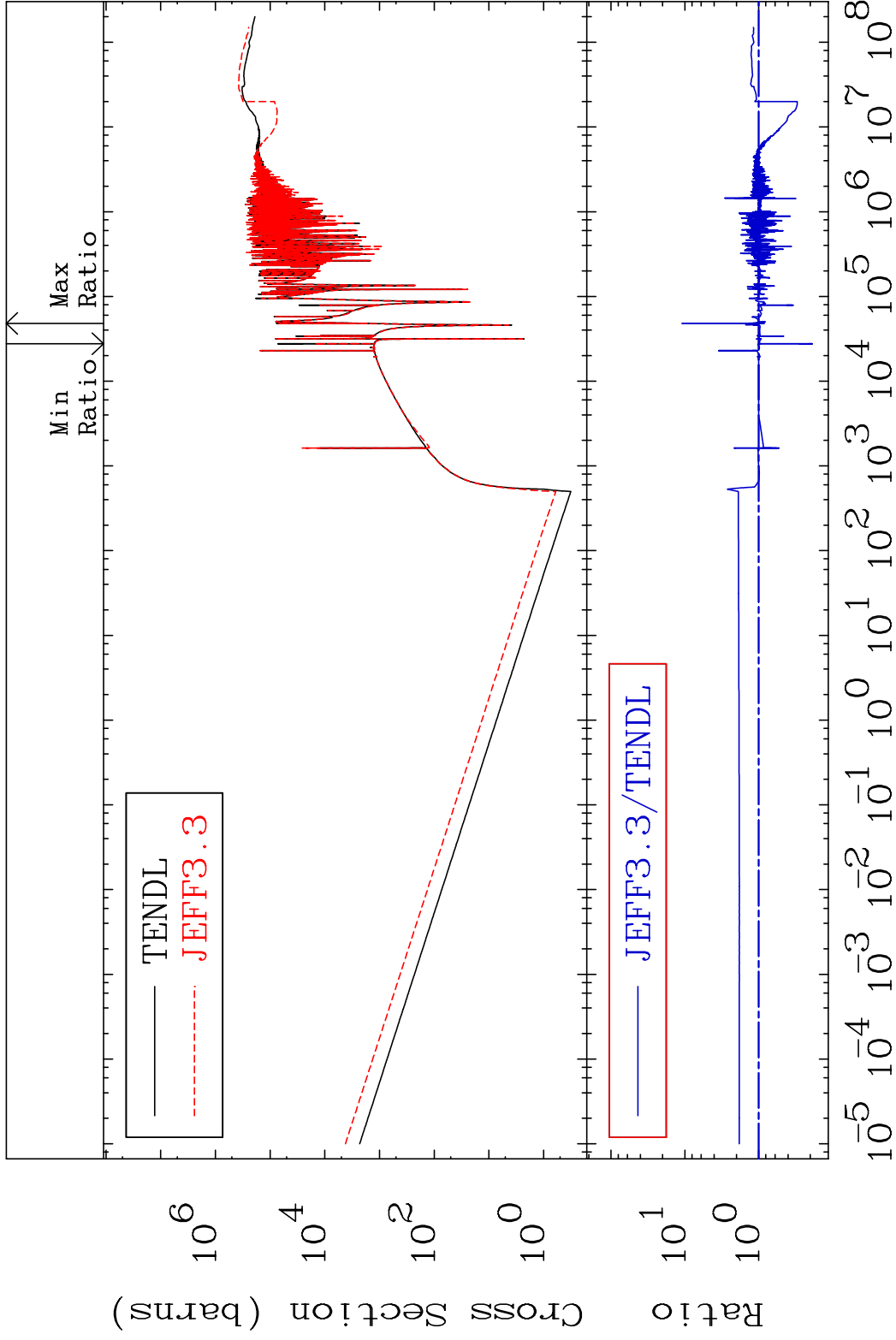


MAT 2431

Dpa total (eV-barns)

24-Cr-52

Cross Section -81.35 To 987.4 %



44

Incident Energy (eV)

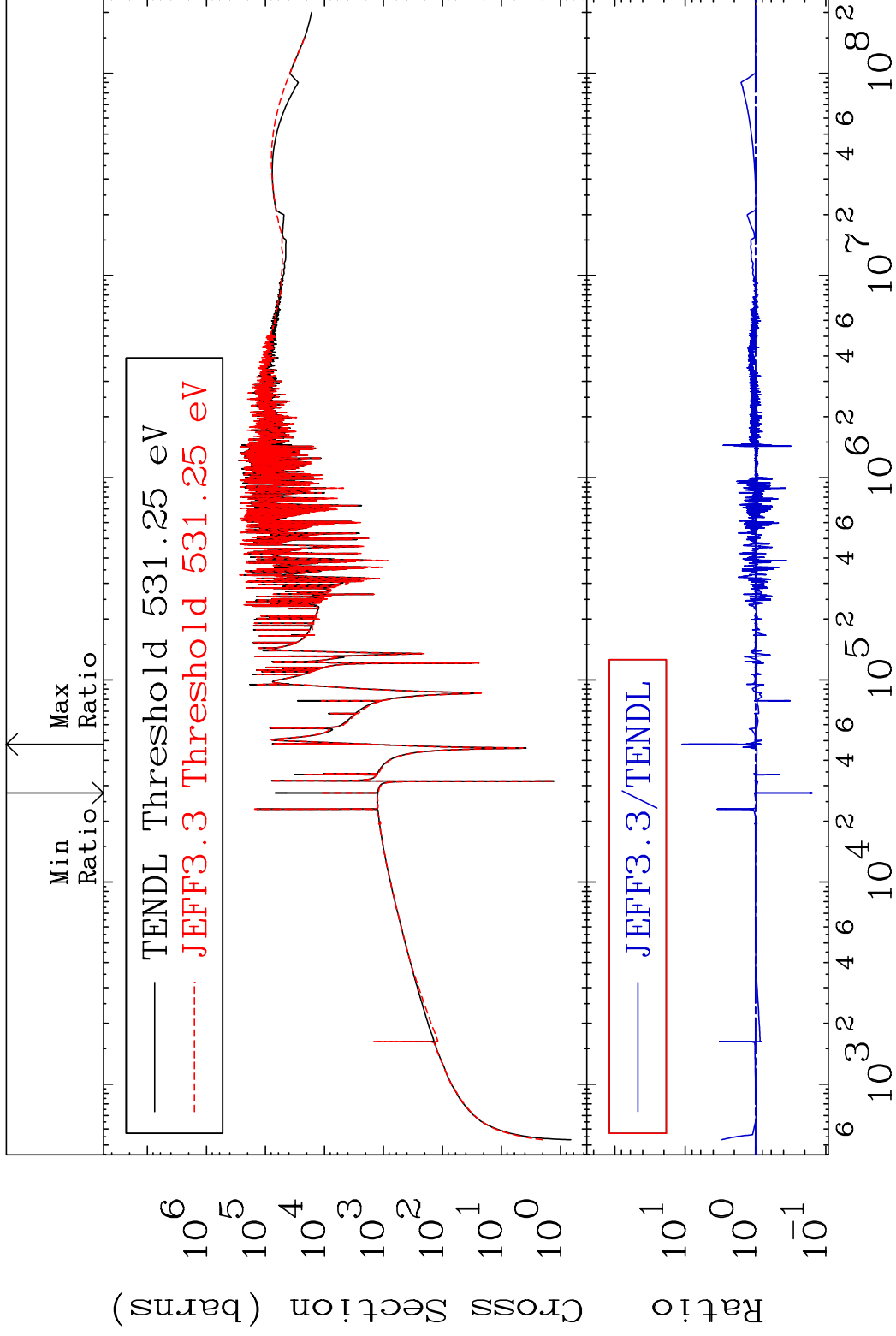
24-Cr-52

MAT 2431

Dpa elastic (mt2)

24-Cr-52

Cross Section -84.51 To 1002. %



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Incident Energy (eV)

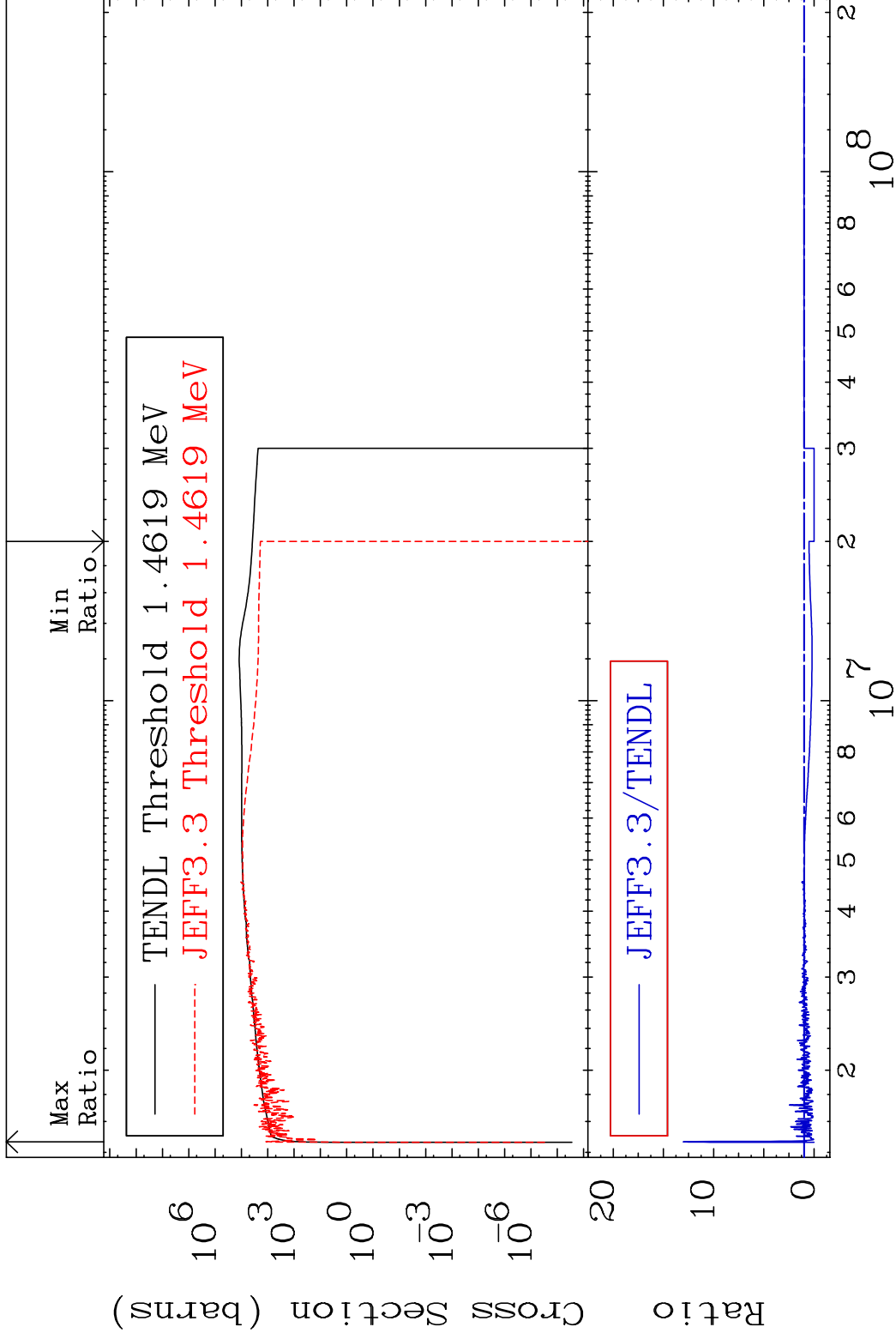
24-Cr-52

MAT 2431

Dpa inelastic (mt51-91)

24-Cr-52

Cross Section -100.0 To 1200. %



46

Incident Energy (eV)

24-Cr-52

MAT 2431 Dpa disappearance (mt102 -120) 24-Cr-52
 Cross Section -100.0 To 1127. %

