

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

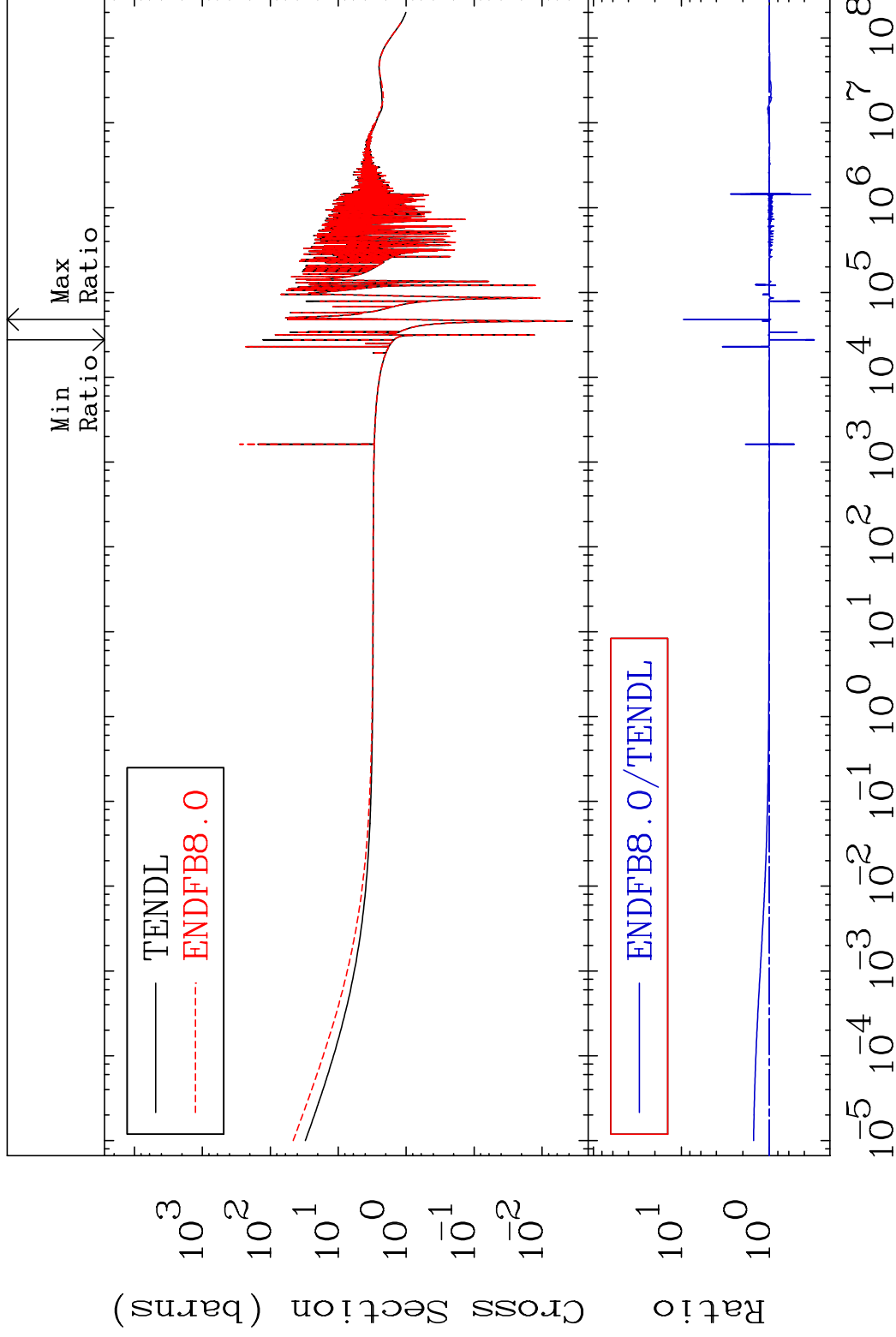
MAT 2431

Total

24-Cr-52

Cross Section

-69.03 To 840.8 %



1

Incident Energy (eV)

24-Cr-52

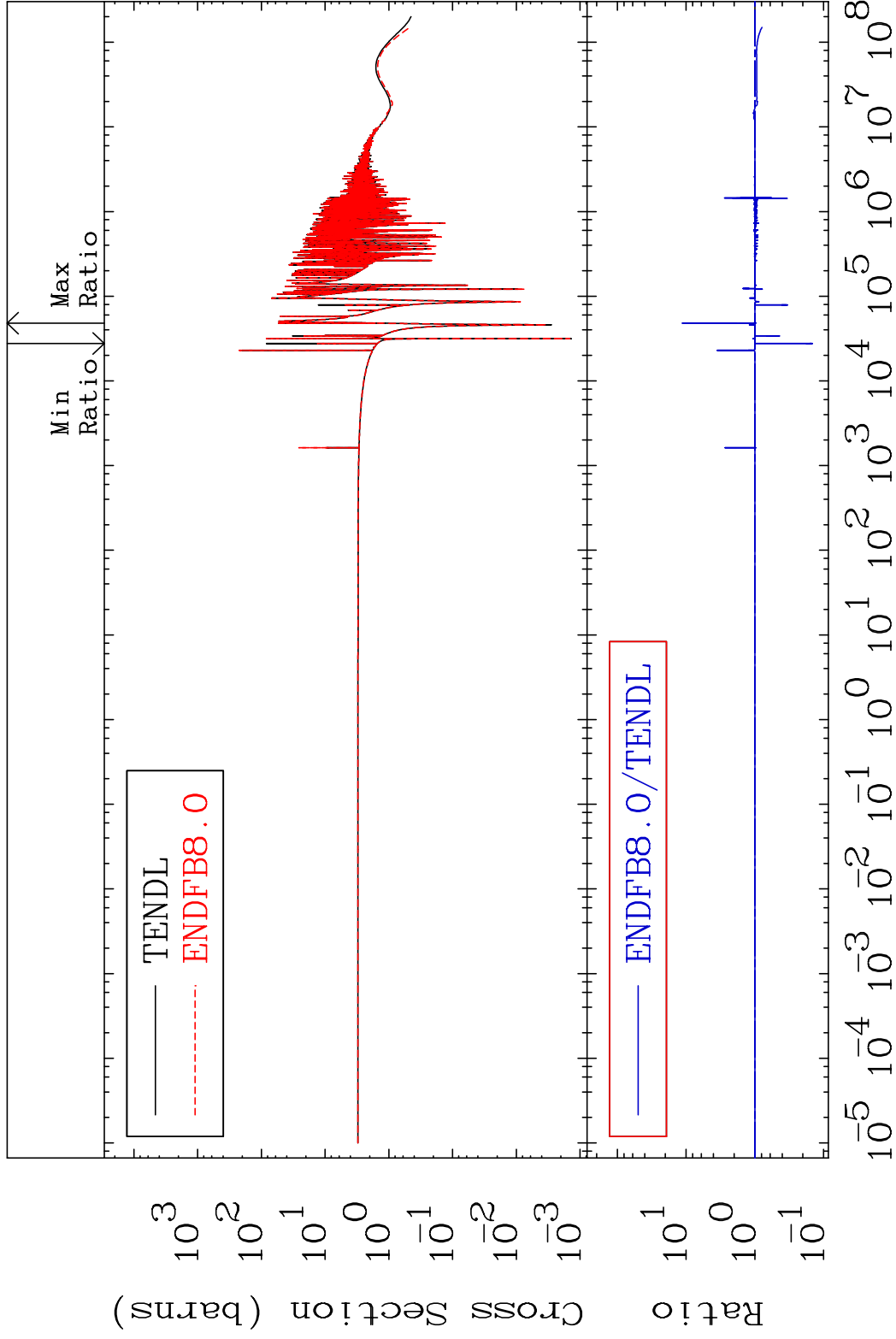
MAT 2431

Elastic

24-Cr-52

Cross Section

-85.52 To 1033. %

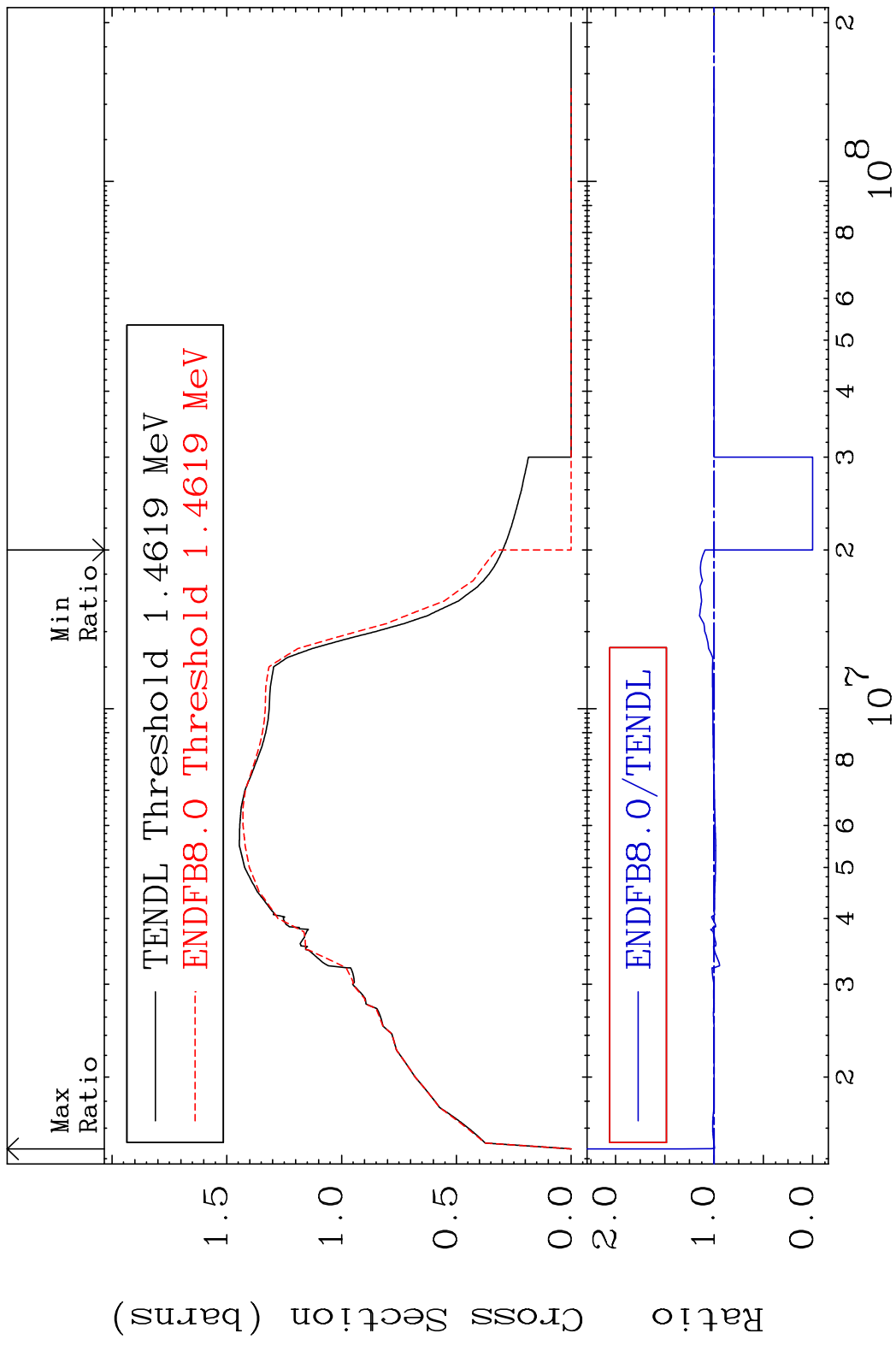


2

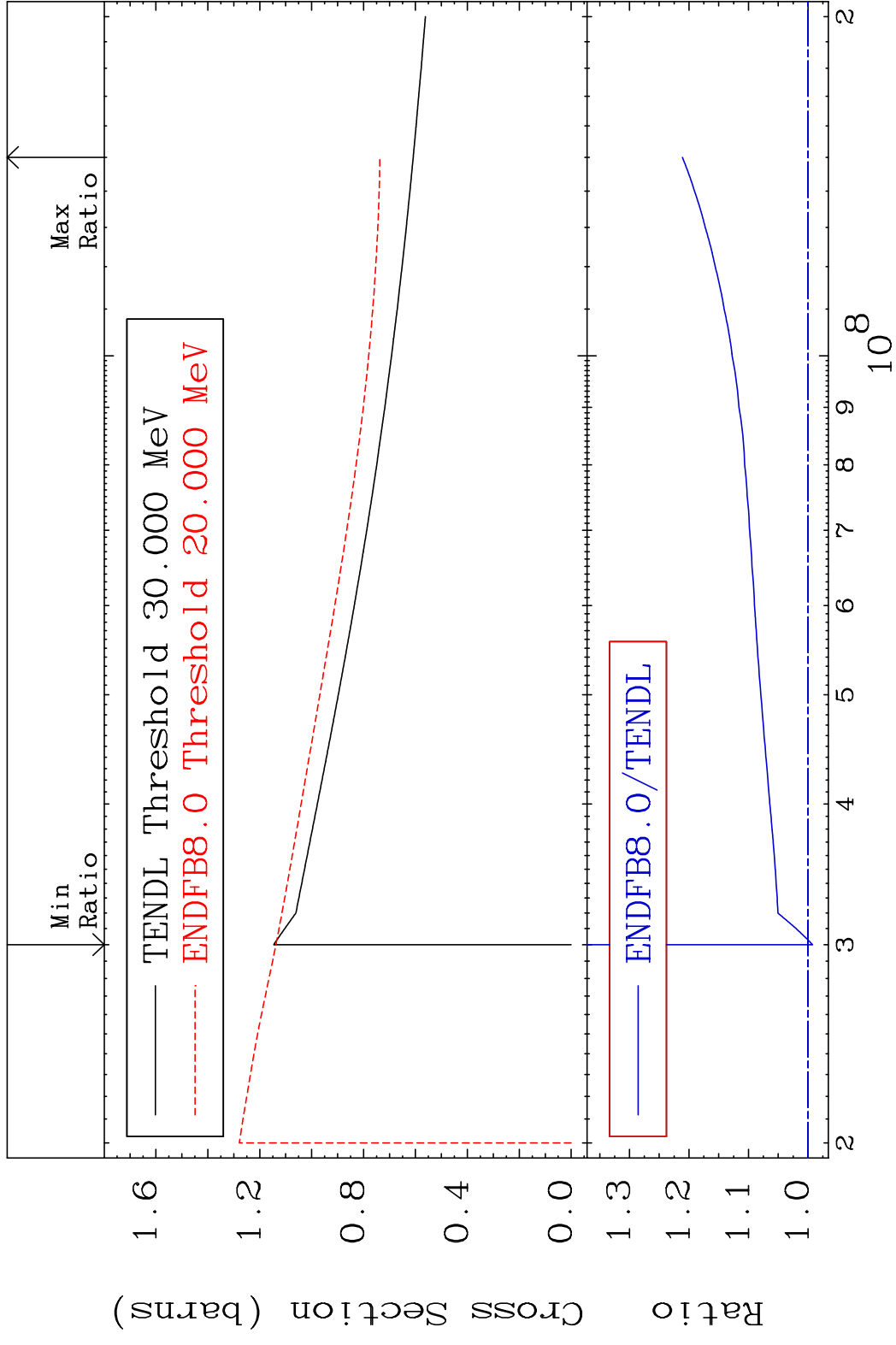
Incident Energy (eV)

24-Cr-52

MAT 2431 Inelastic 24-Cr-52
 Cross Section -100.0 To 32.23 %



MAT 2431 (n, remainder) 24-Cr-52
 Cross Section -0.763 To 21.12 %



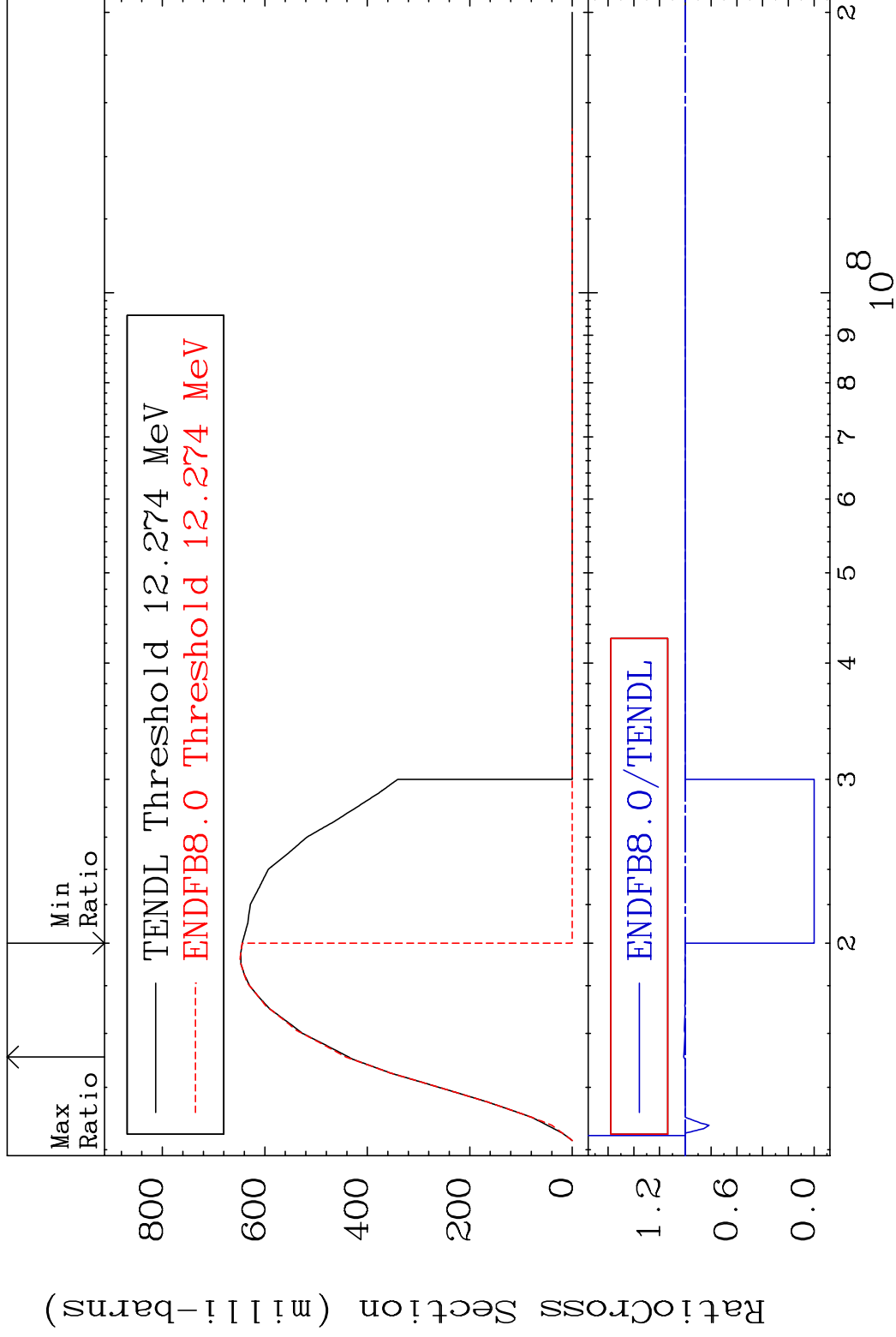
4 Incident Energy (eV) 24-Cr-52

MAT 2431

(n,2n)

²⁴Cr-52

Cross Section -100.0 To 1.276 %



5

Incident Energy (eV)

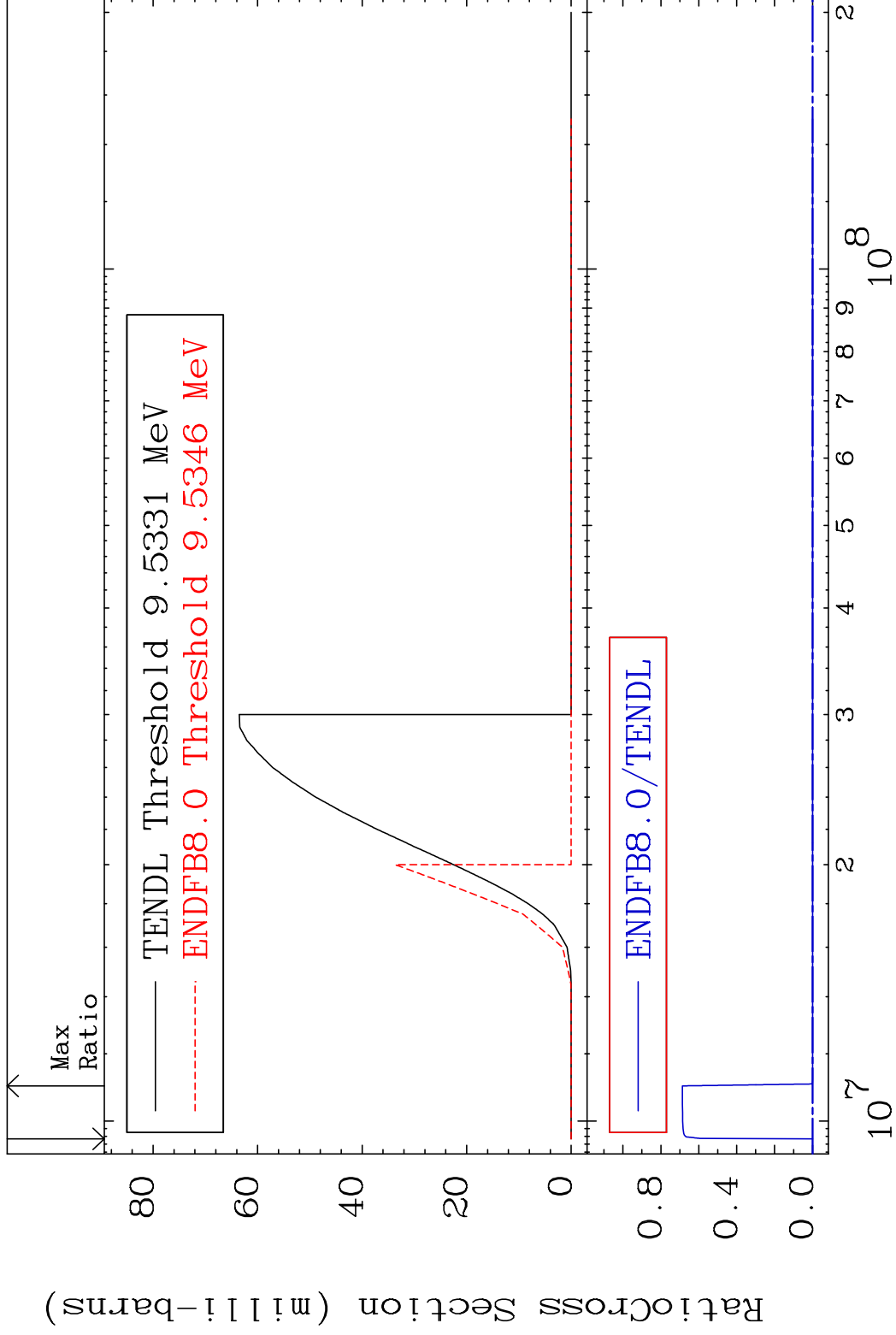
²⁴Cr-52

MAT 2431

(n, n') α

24-Cr-52

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

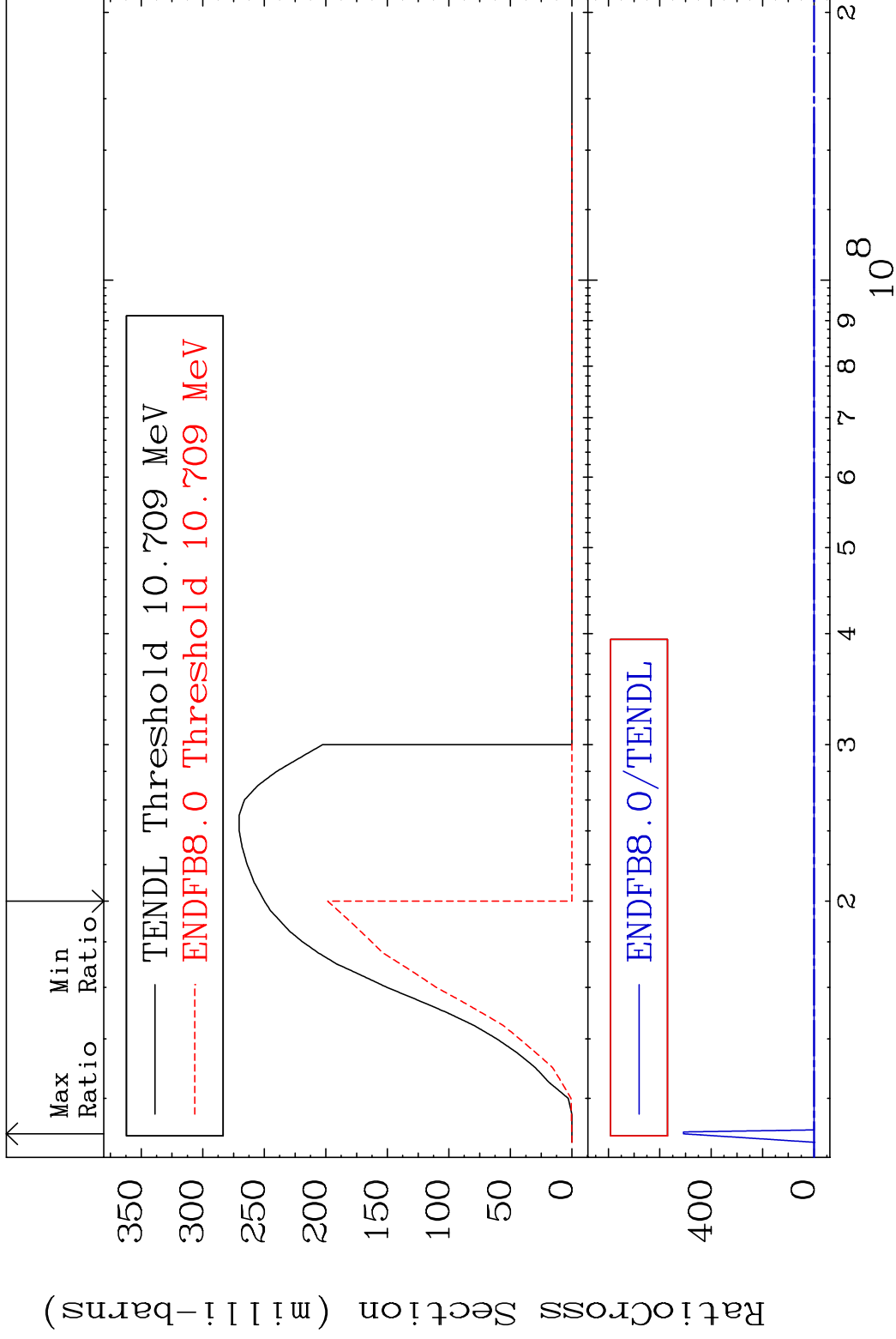
24-Cr-52

MAT 2431

(n, n') p

24-Cr-52

Cross Section -100.0 To 9999. %

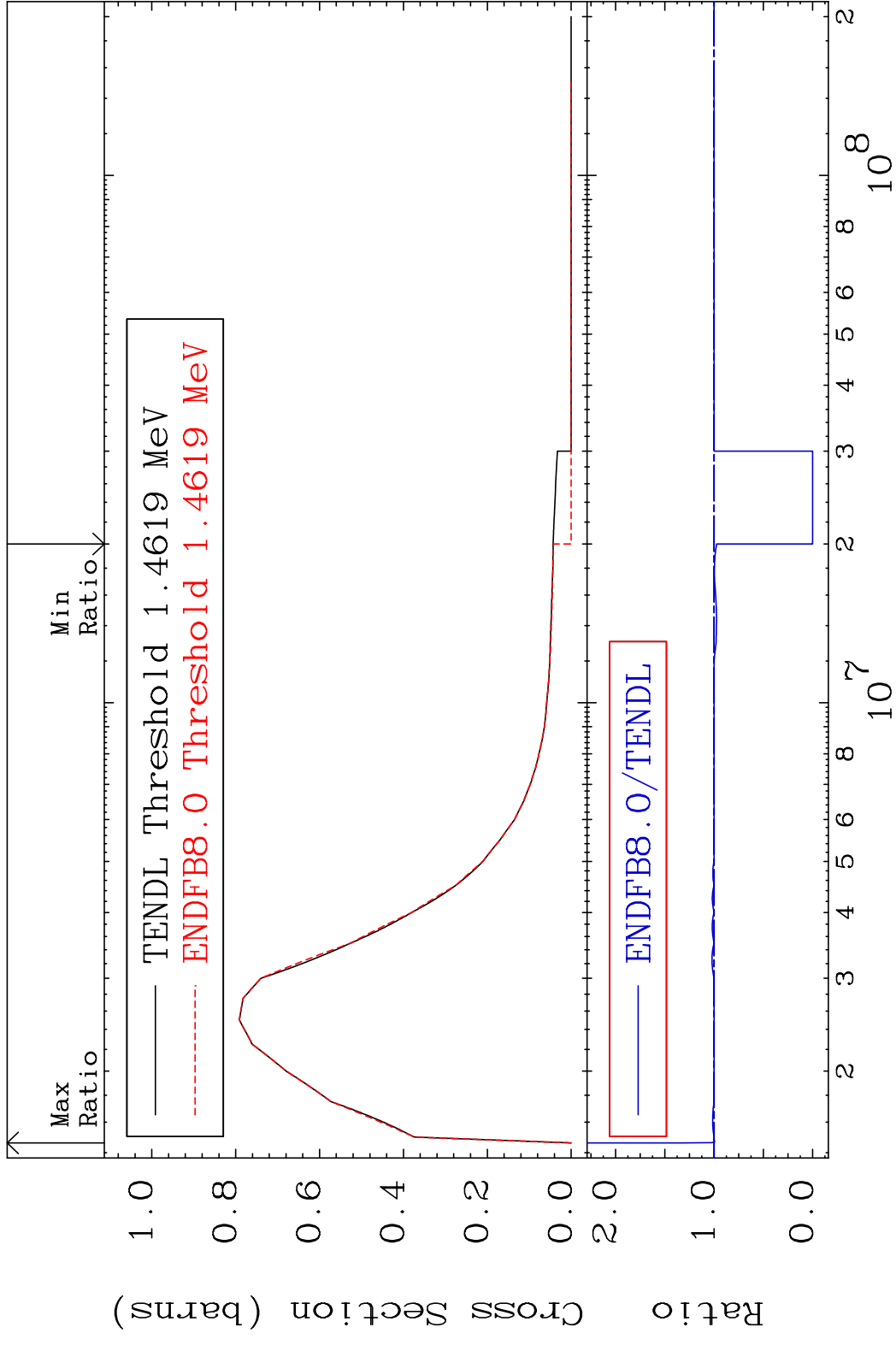


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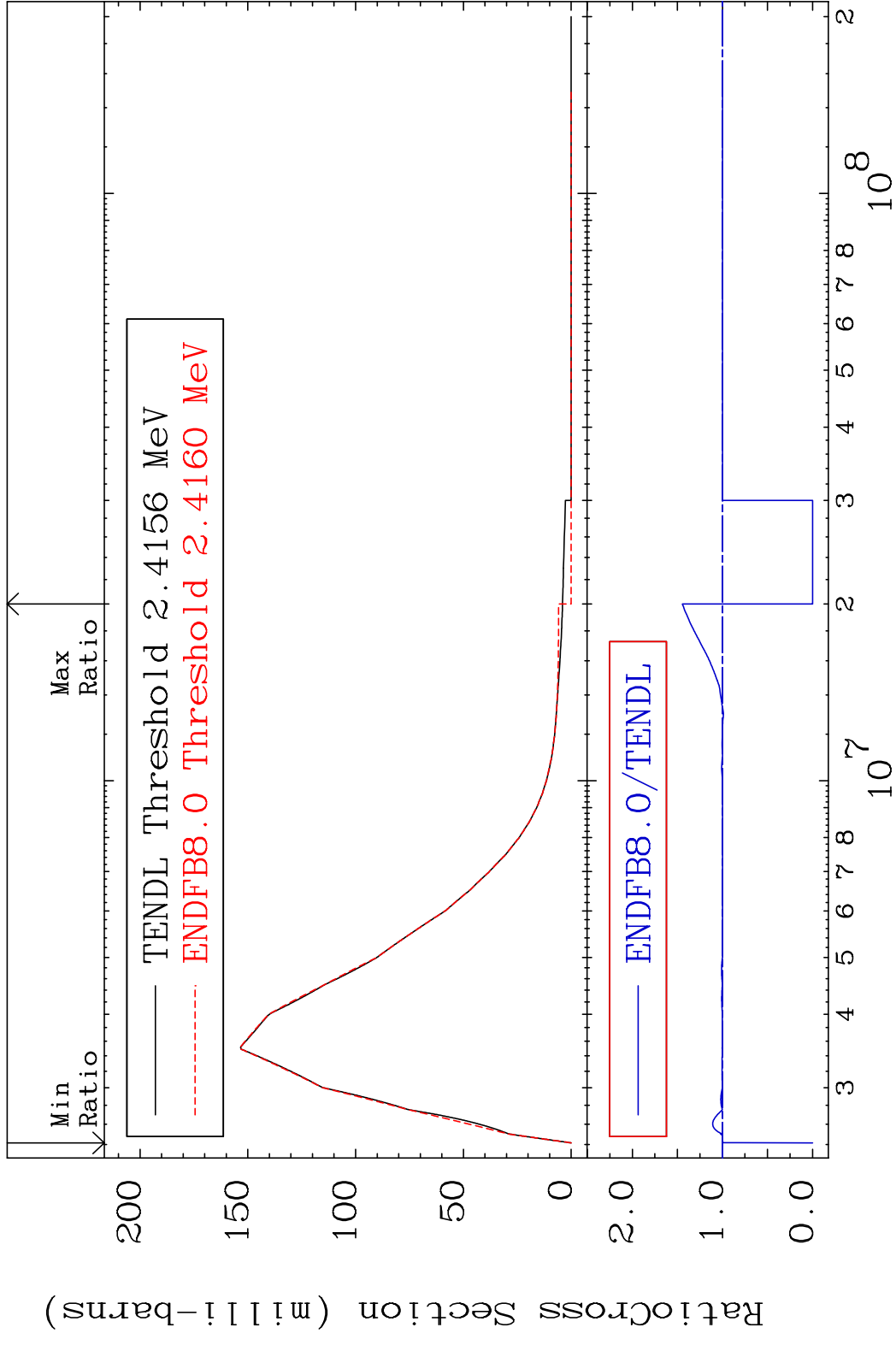
Incident Energy (eV)

24-Cr-52

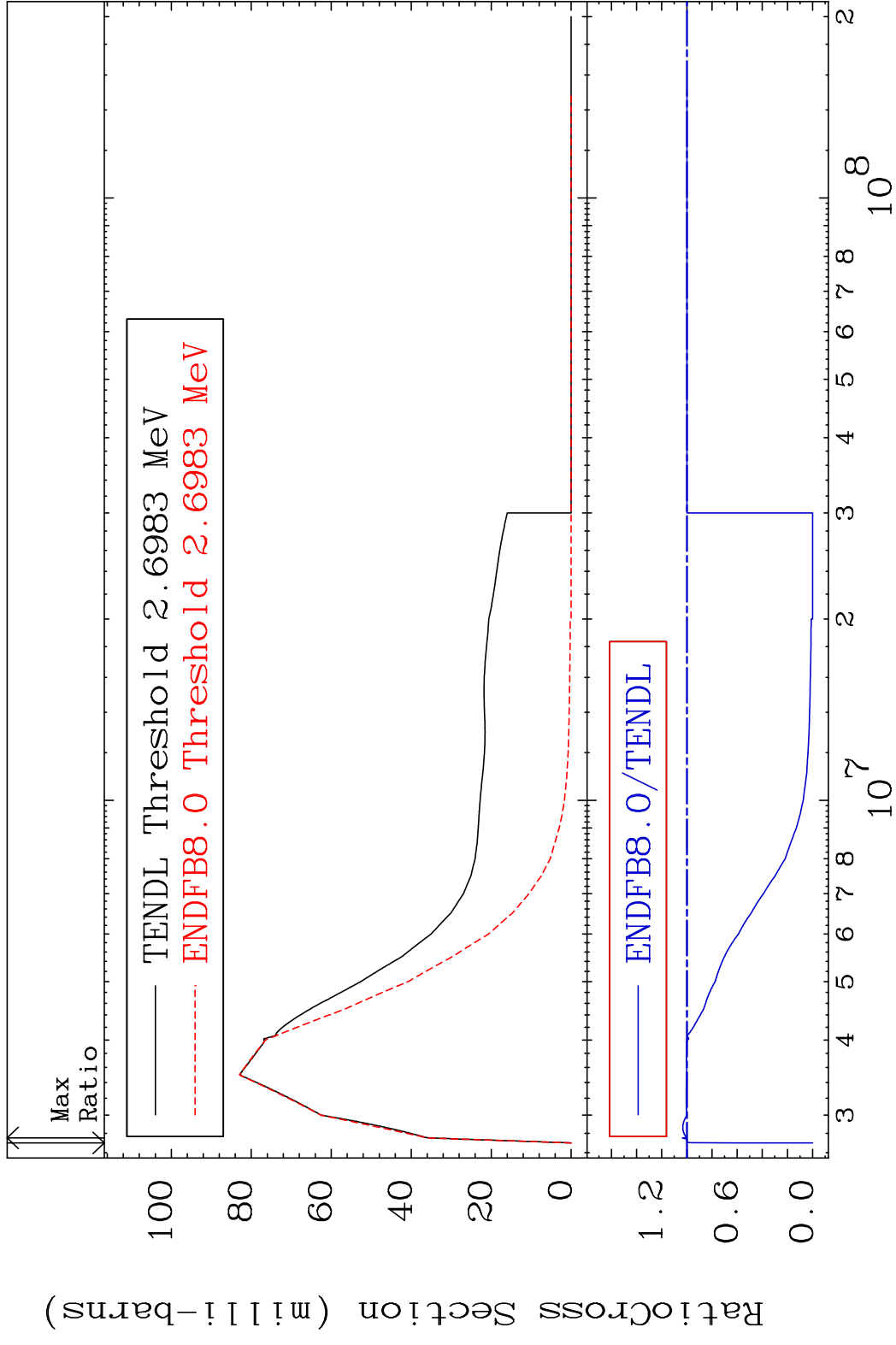
MAT 2431 MT= 51 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 32.23 %



MAT 2431 MT= 52 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 44.52 %

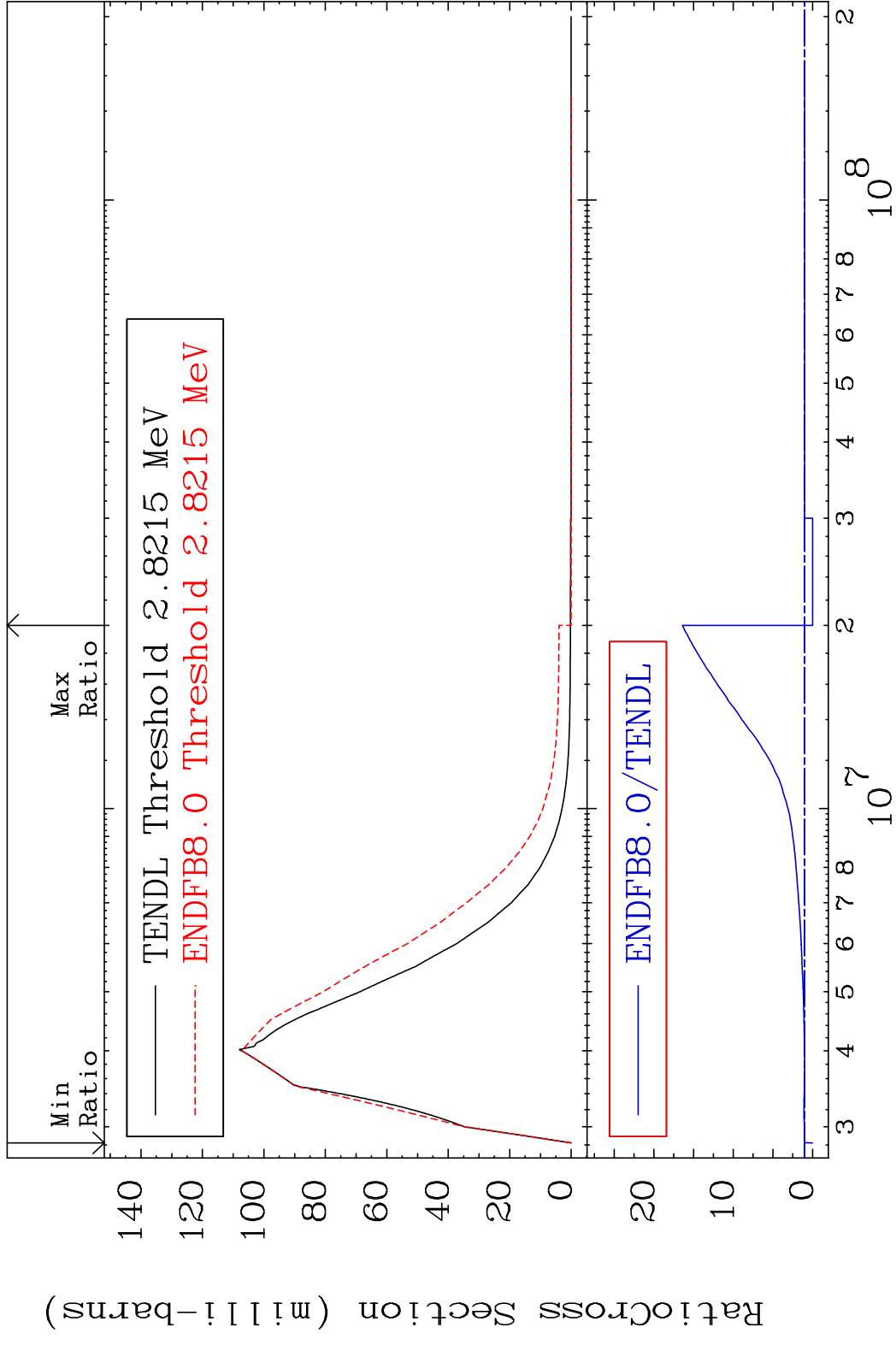


MAT 2431 MT= 53 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 3.586 %

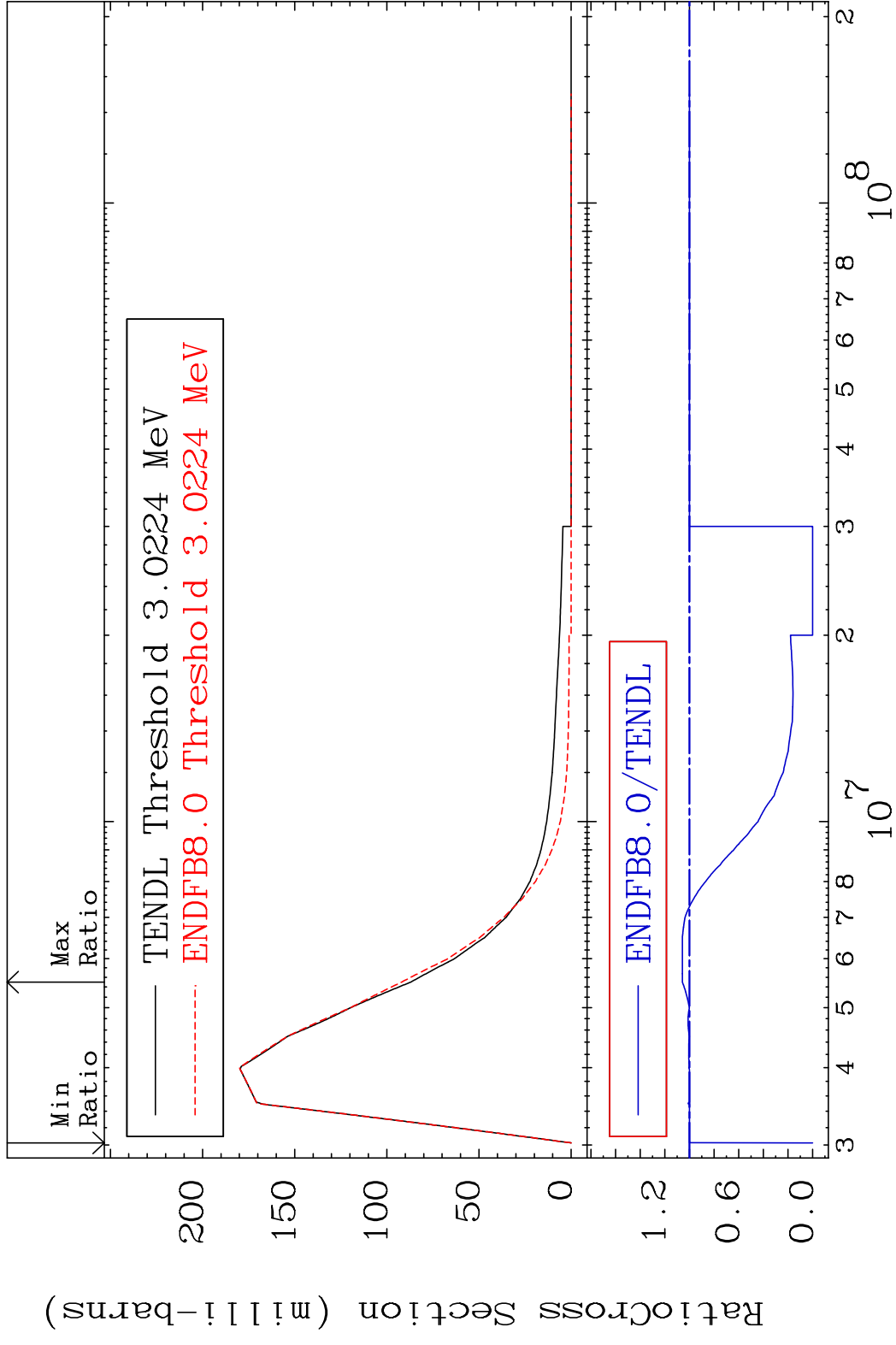


10 Incident Energy (eV) 24-Cr-52

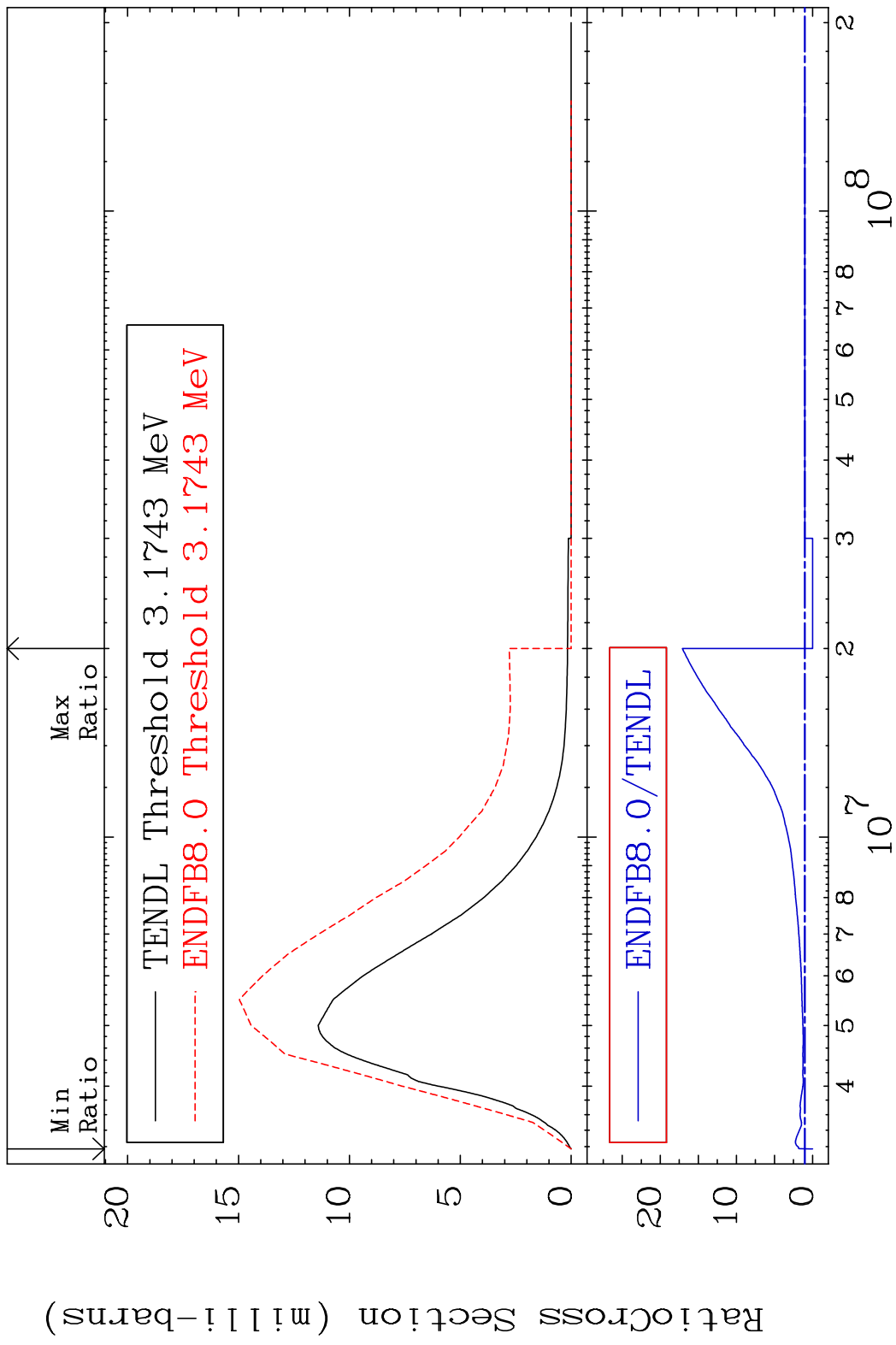
MAT 2431 MT= 54 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 1541. %



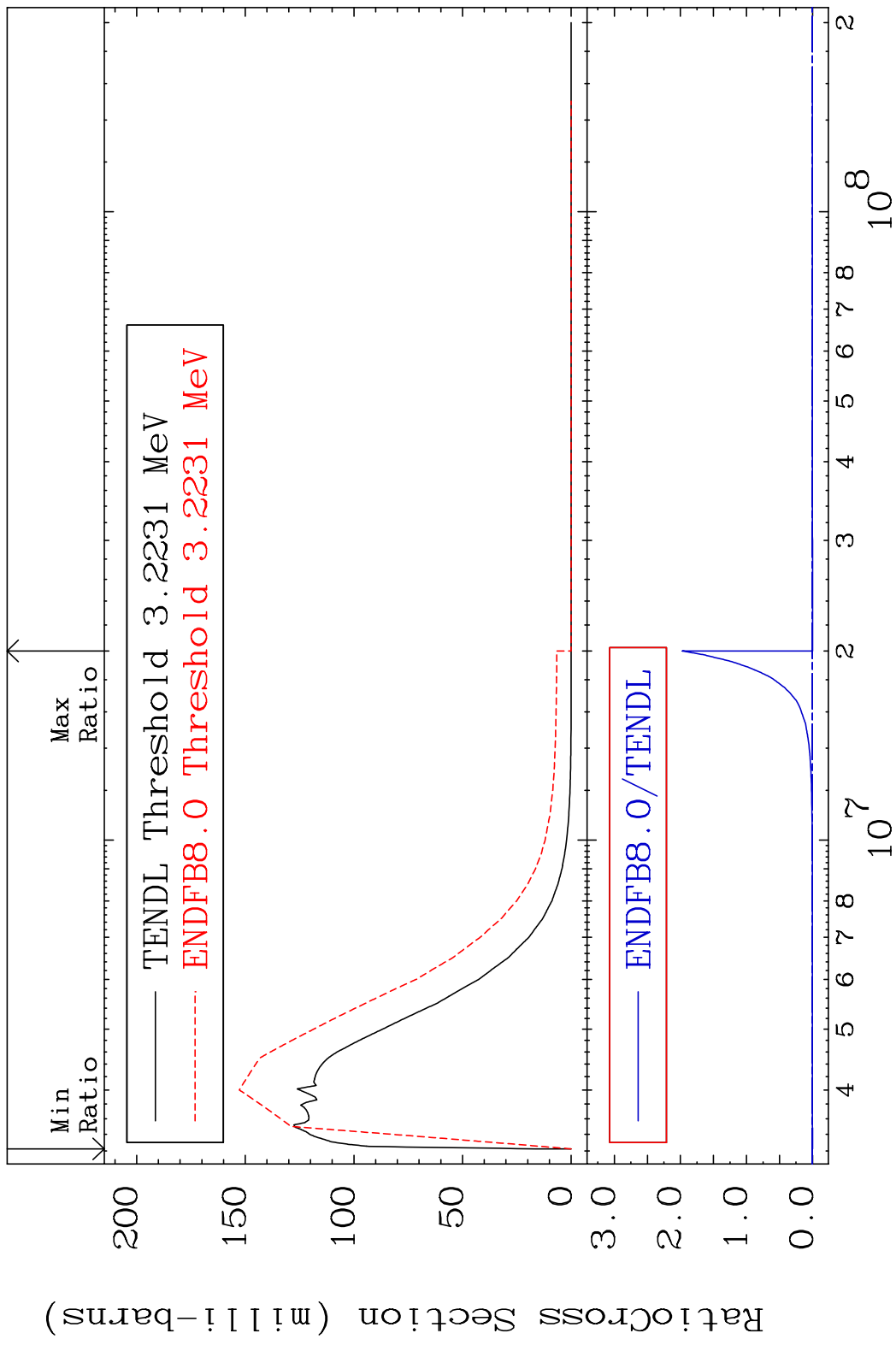
MAT 2431 MT= 55 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 5.709 %



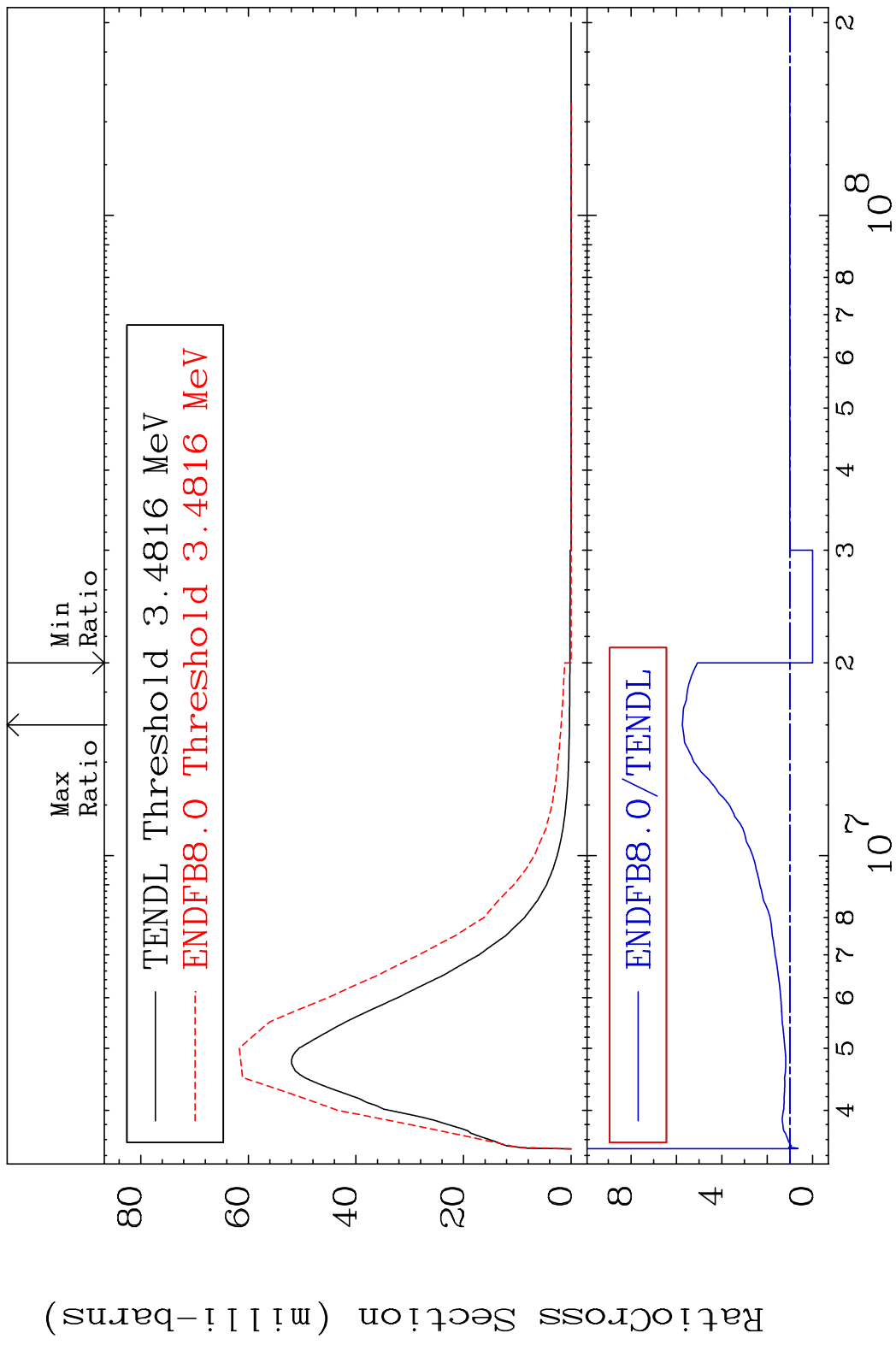
MAT 2431 MT= 56 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 1610. %



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

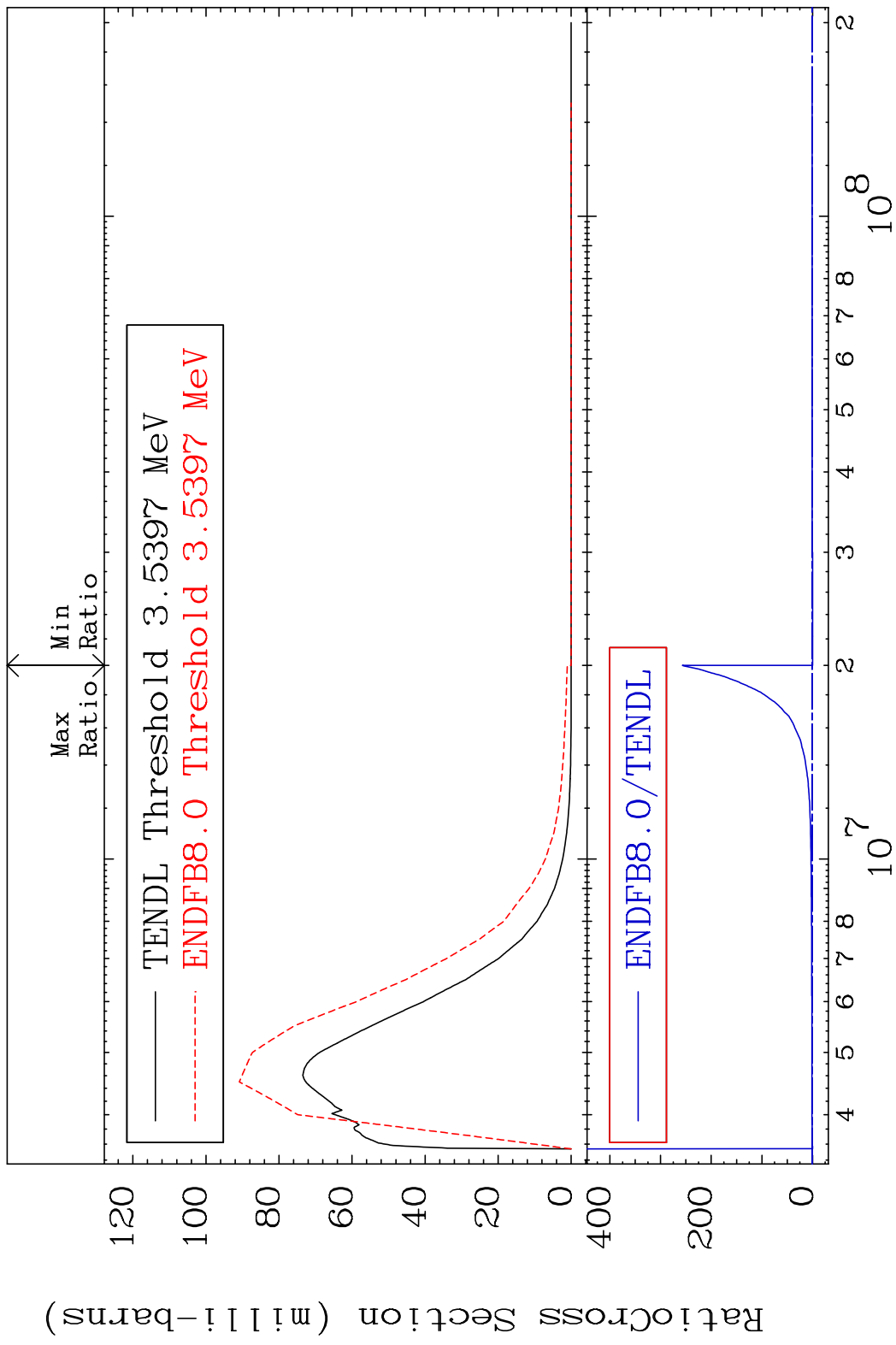


MAT 2431 MT= 58 (n, n') Level 24-Cr-52
 Cross Section -100.0 To 473.9 %

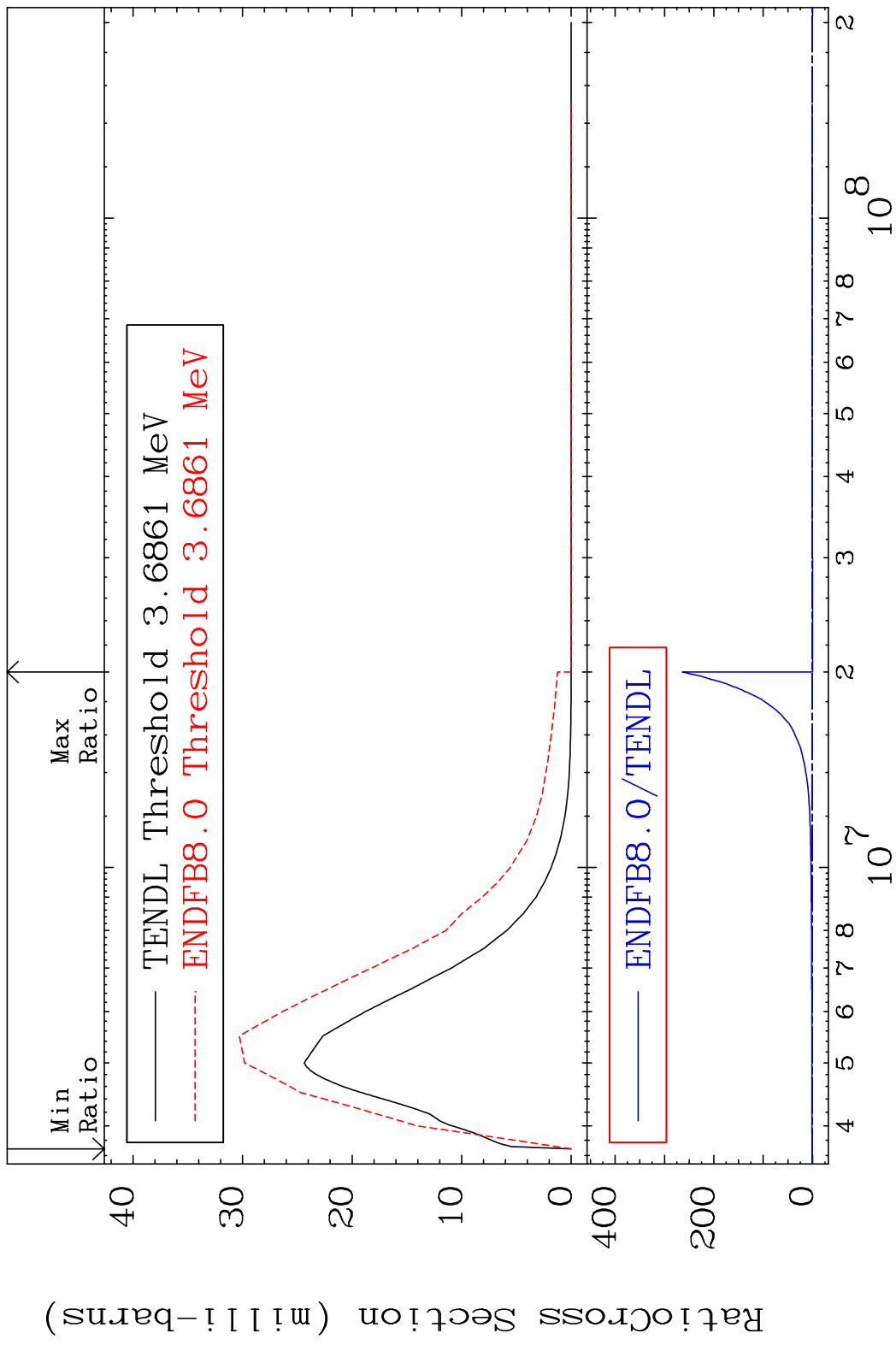


15 24-Cr-52

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. %

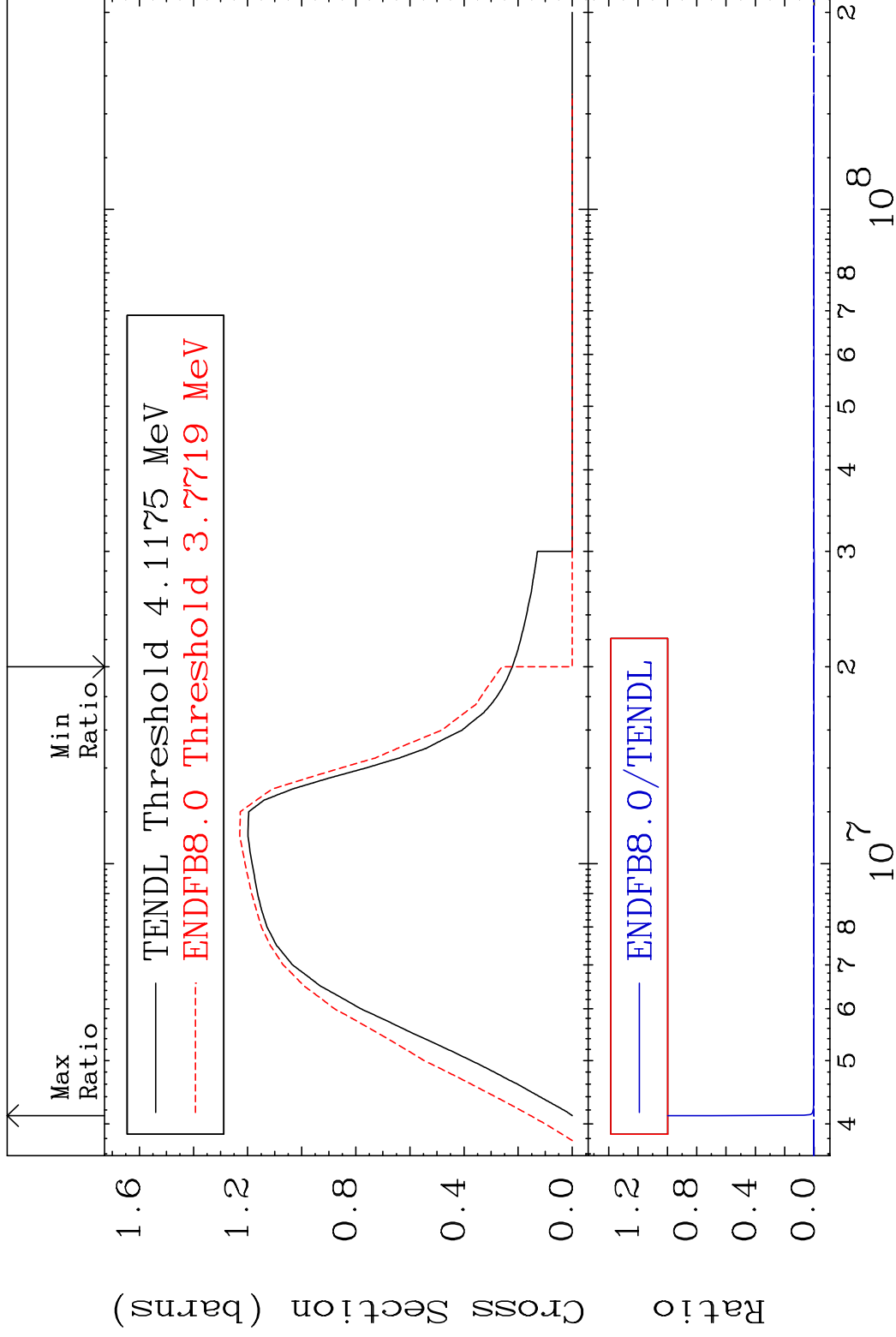


MAT 2431

(n,n') Continuum

²⁴Cr-52

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

²⁴Cr-52

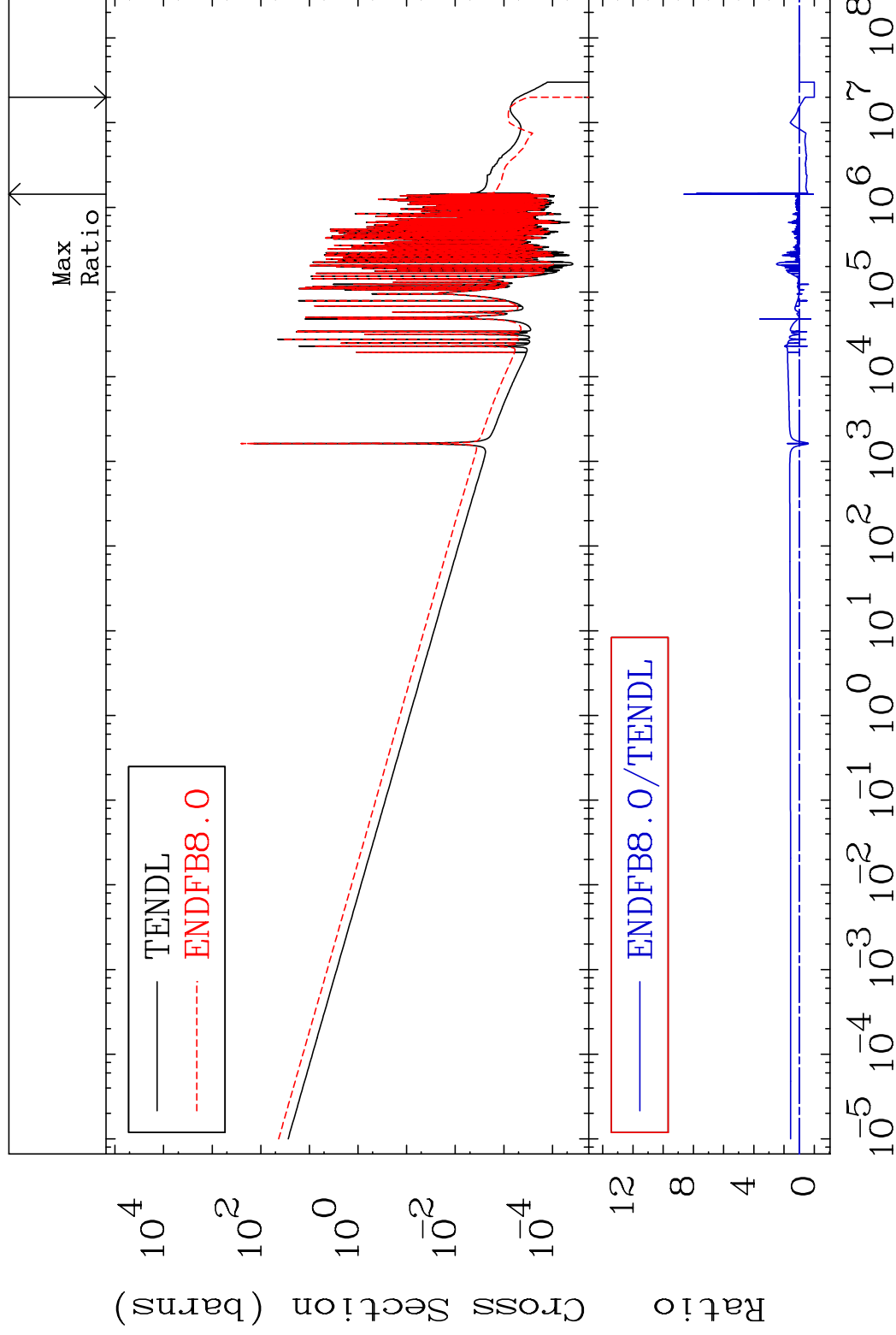
MAT 2431

(n, γ)

²⁴Cr-52

Cross Section

-100.0 To 761.7 %



19

Incident Energy (eV)

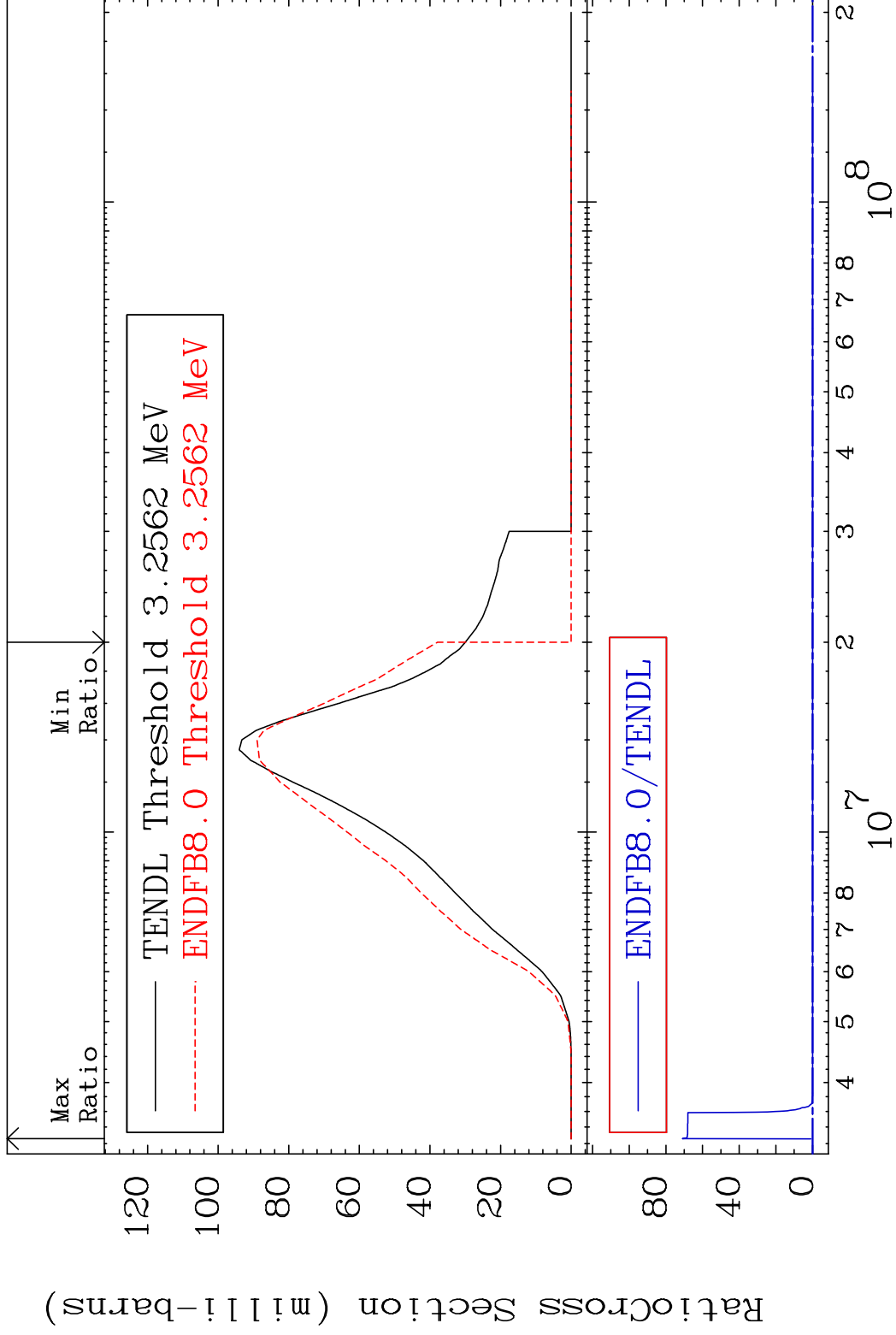
²⁴Cr-52

MAT 2431

(n, p)

²⁴Cr-52

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

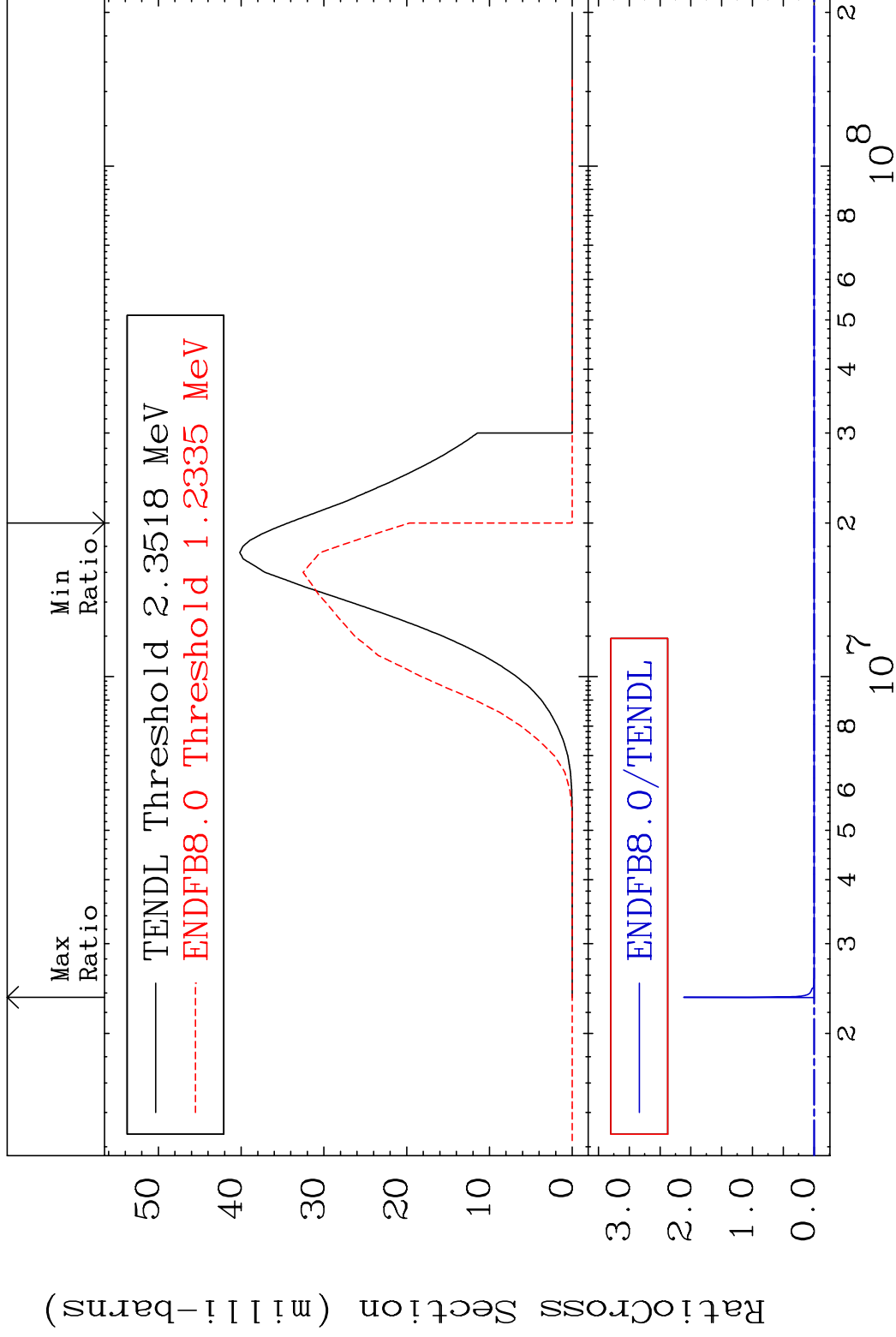
²⁴Cr-52

MAT 2431

(n, α)

²⁴Cr-52

Cross Section -100.0 To 9999. %

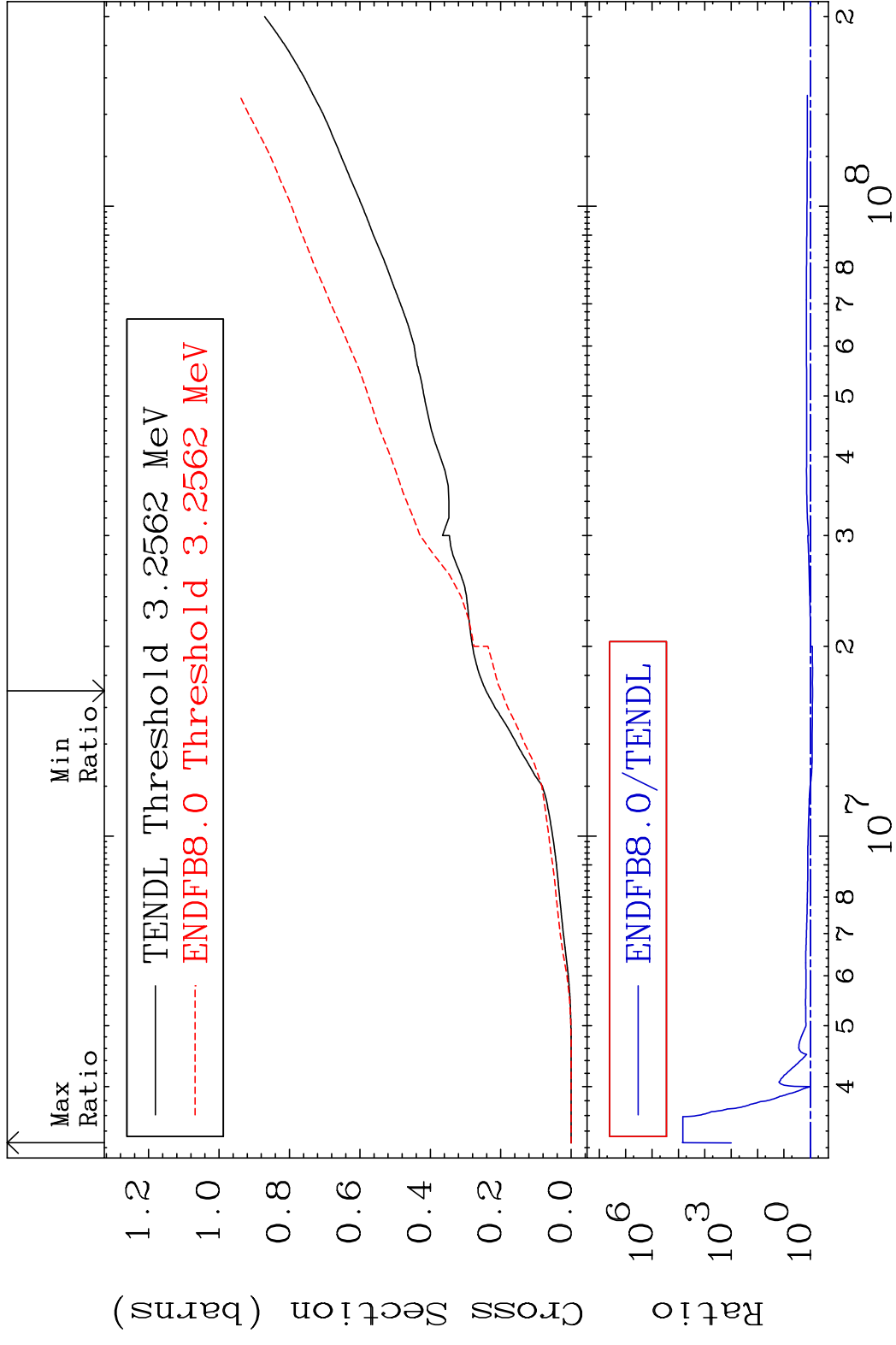


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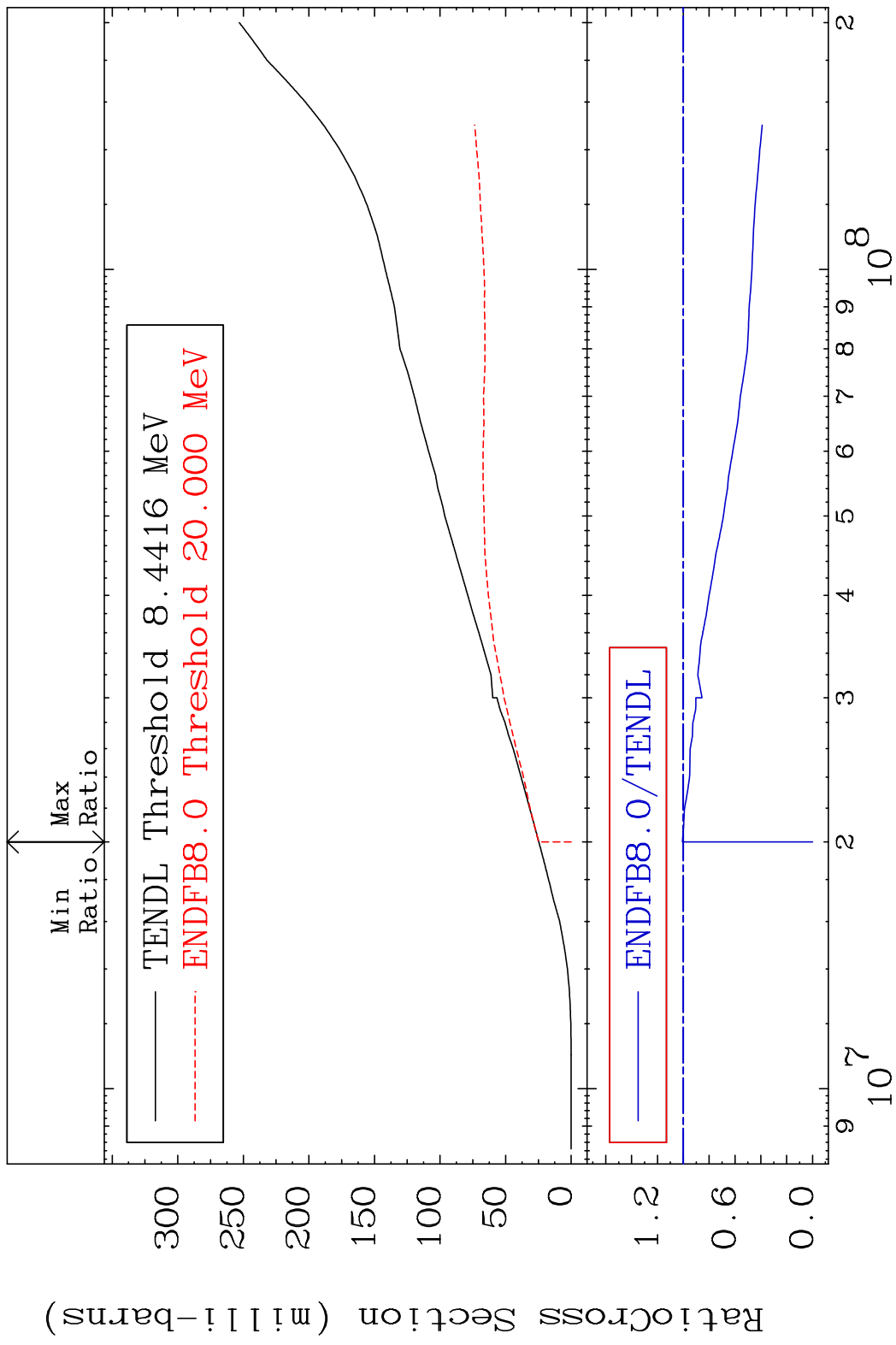
Incident Energy (eV)

²⁴Cr-52

MAT 2431 Hydrogen Production 24-Cr-52
 Cross Section -17.68 To 9999. %

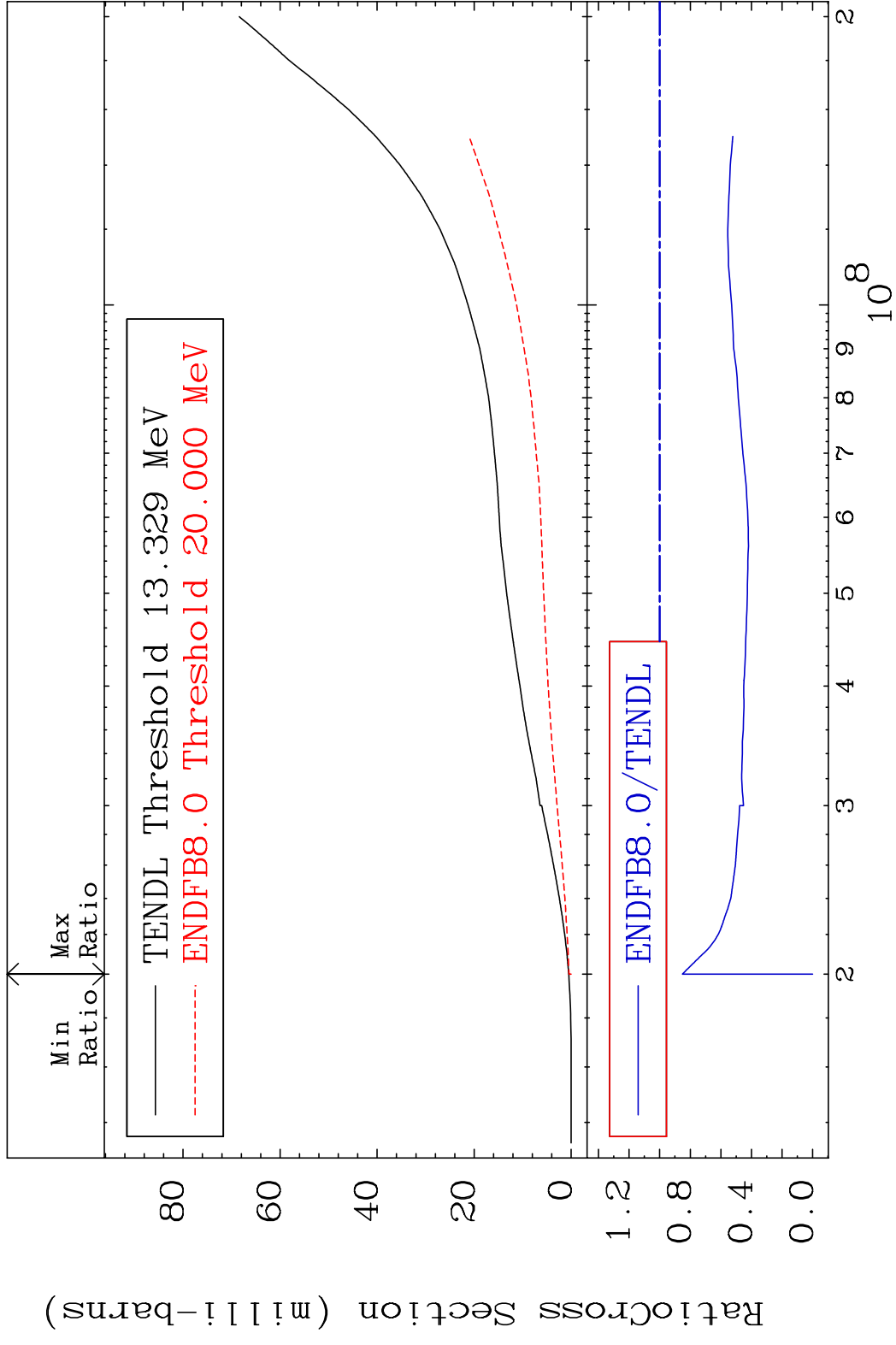


MAT 2431 Deuterium Production ²⁴Cr-52
 Cross Section -100.0 To 0.740 %

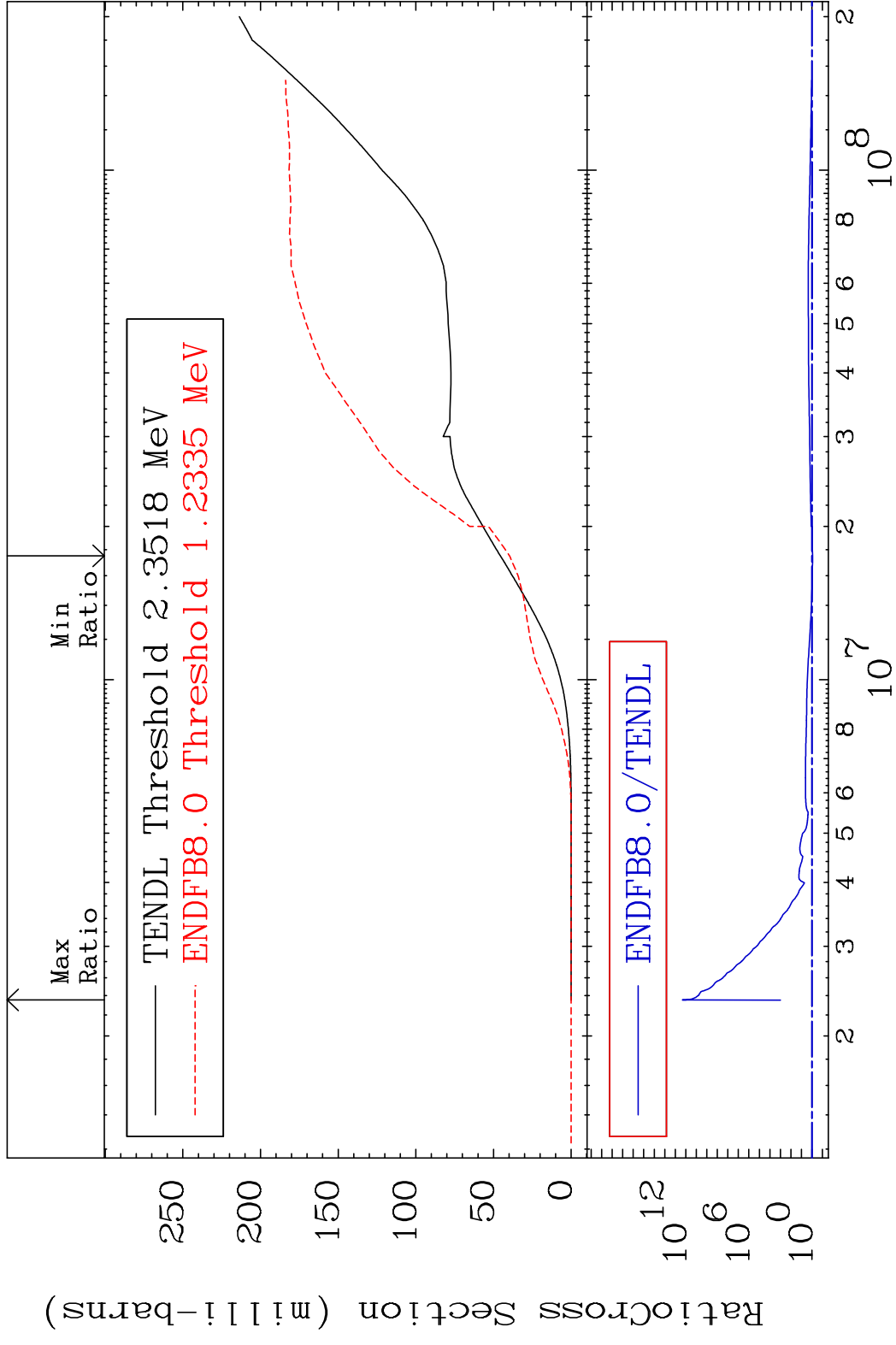


23 ²⁴Cr-52

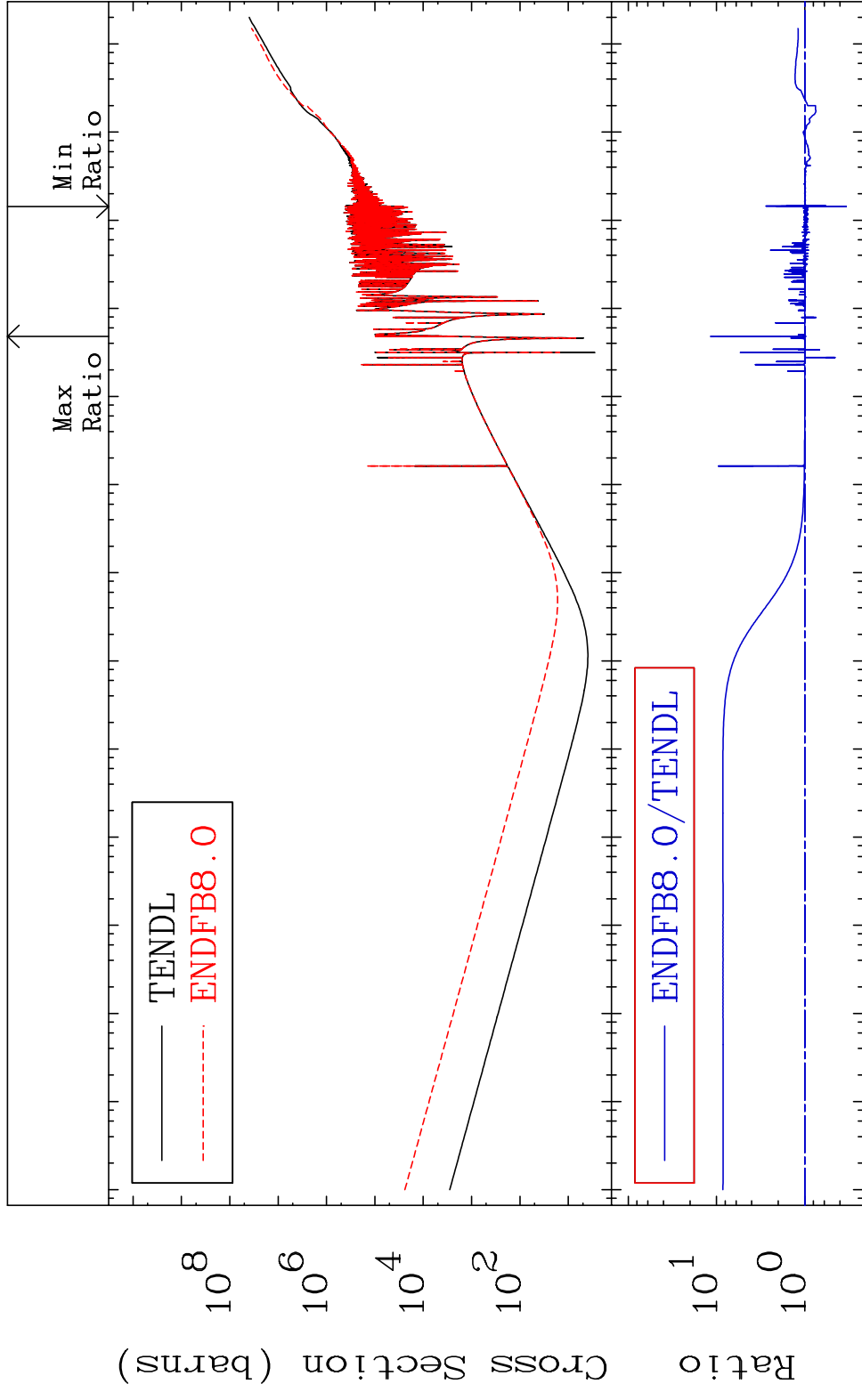
MAT 2431 Tritium Production 24-Cr-52
 Cross Section -100.0 To -14.83%



MAT 2431 He-4 Production 24-Cr-52
 Cross Section -13.00 To 9999. %



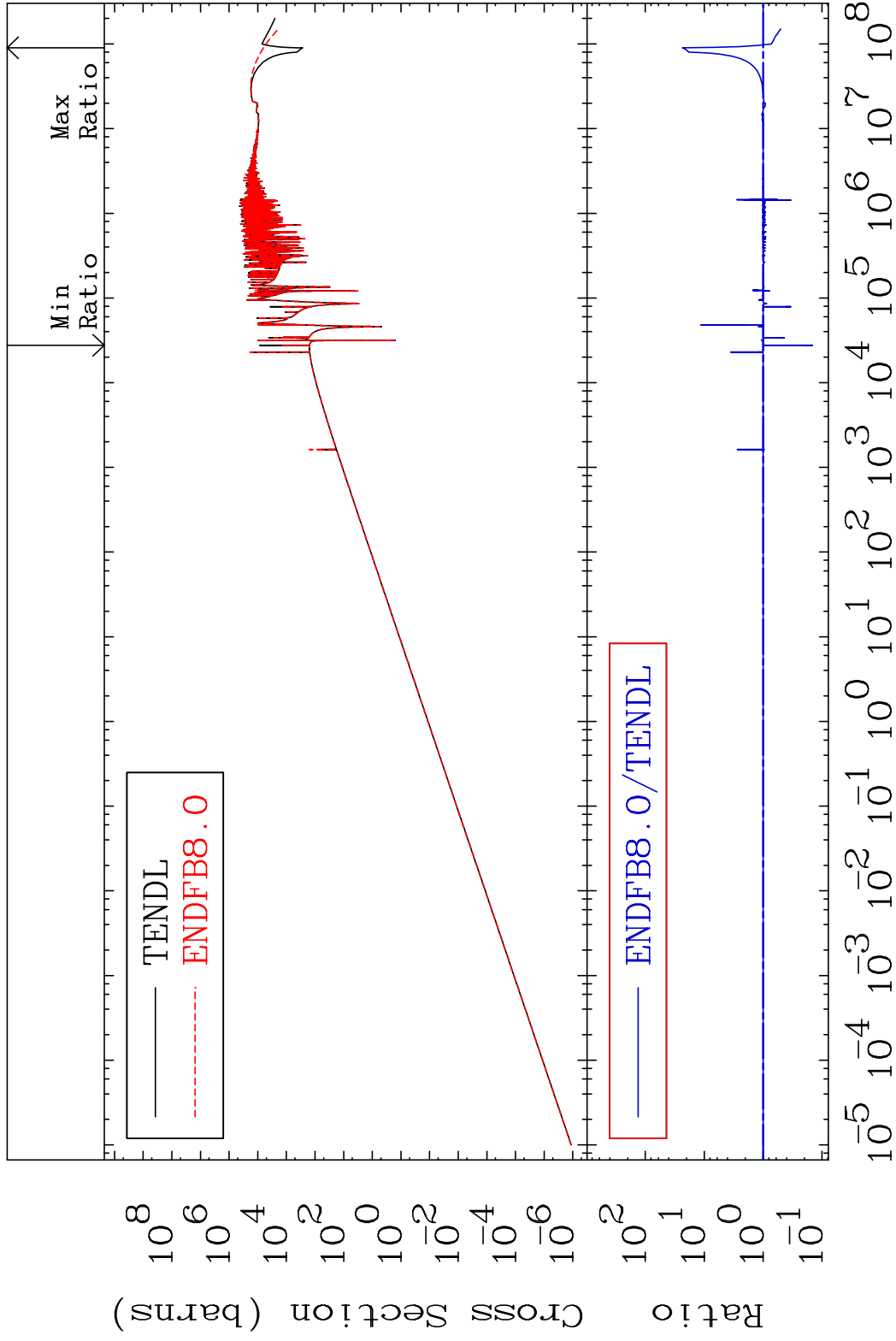
MAT 2431 Kerma total (eV-barns) 24-Cr-52
 Cross Section -66.13 To 1065. %



MAT 2431

Kerma elastic
Cross Section

24-Cr-52
-85.52 To 2248. %

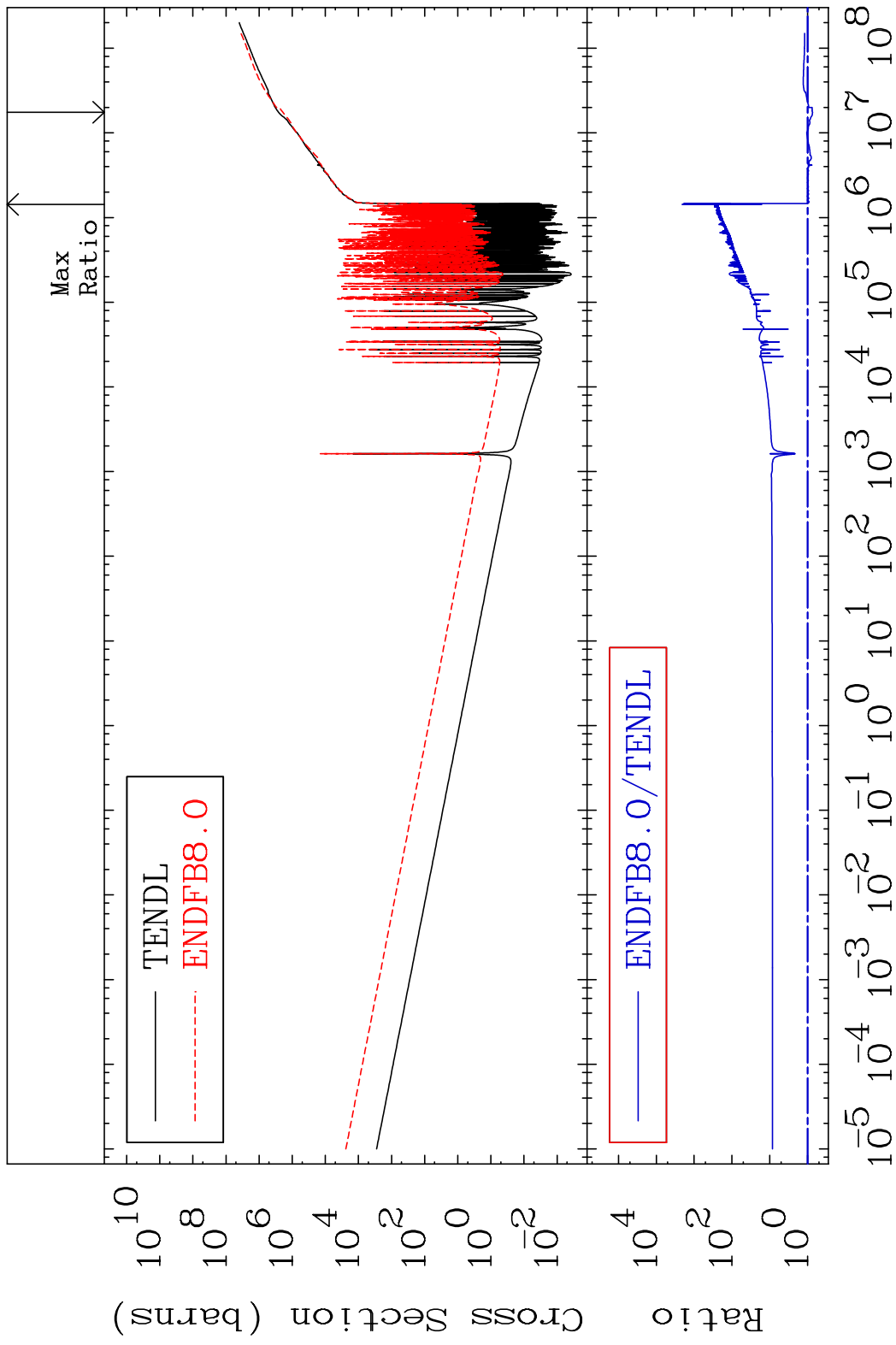


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Incident Energy (eV)

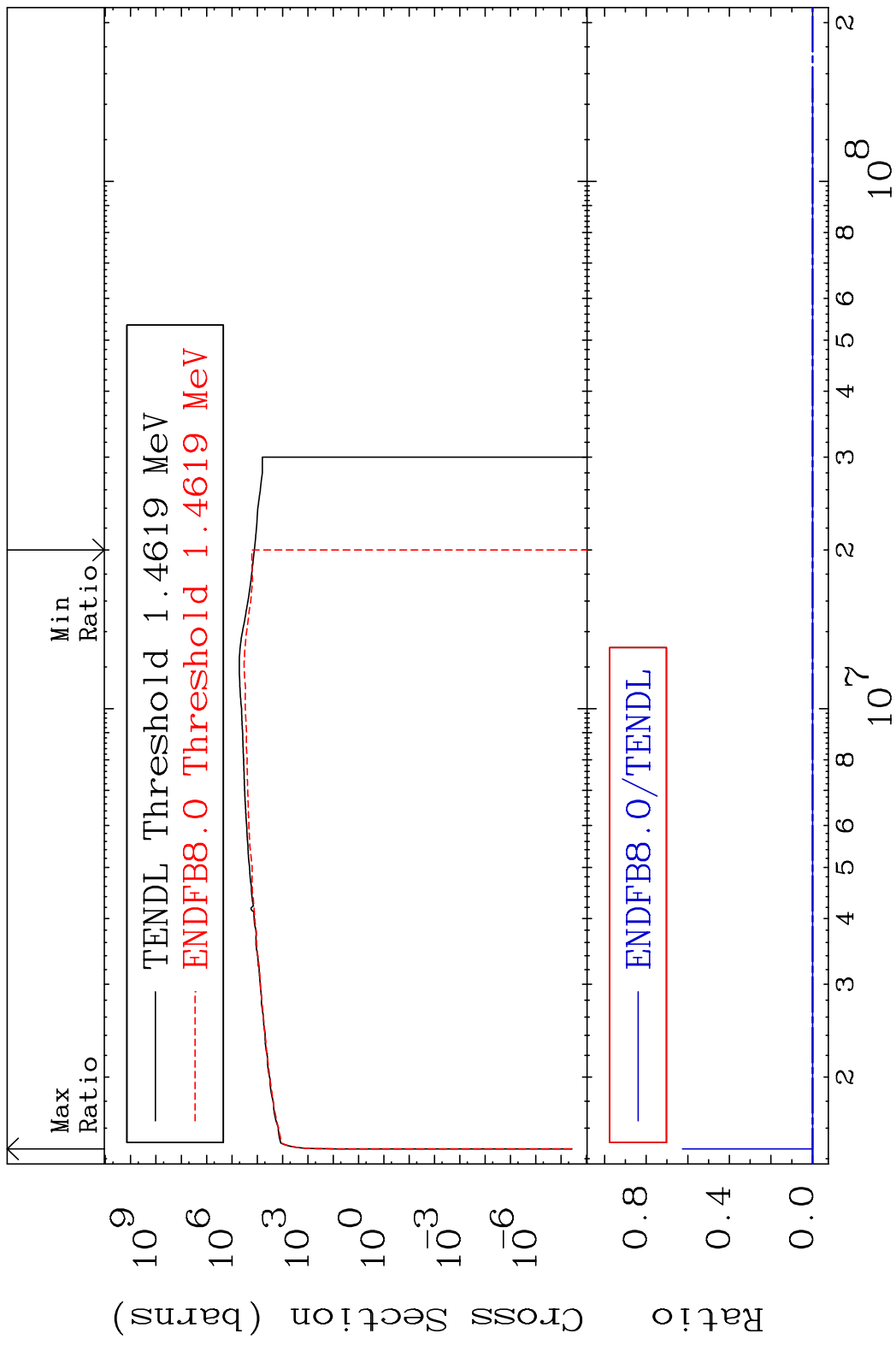
24-Cr-52

MAT 2431 Kerma non-elastic (all but mt2) 24-Cr-52
 Cross Section -26.44 To 9999. %

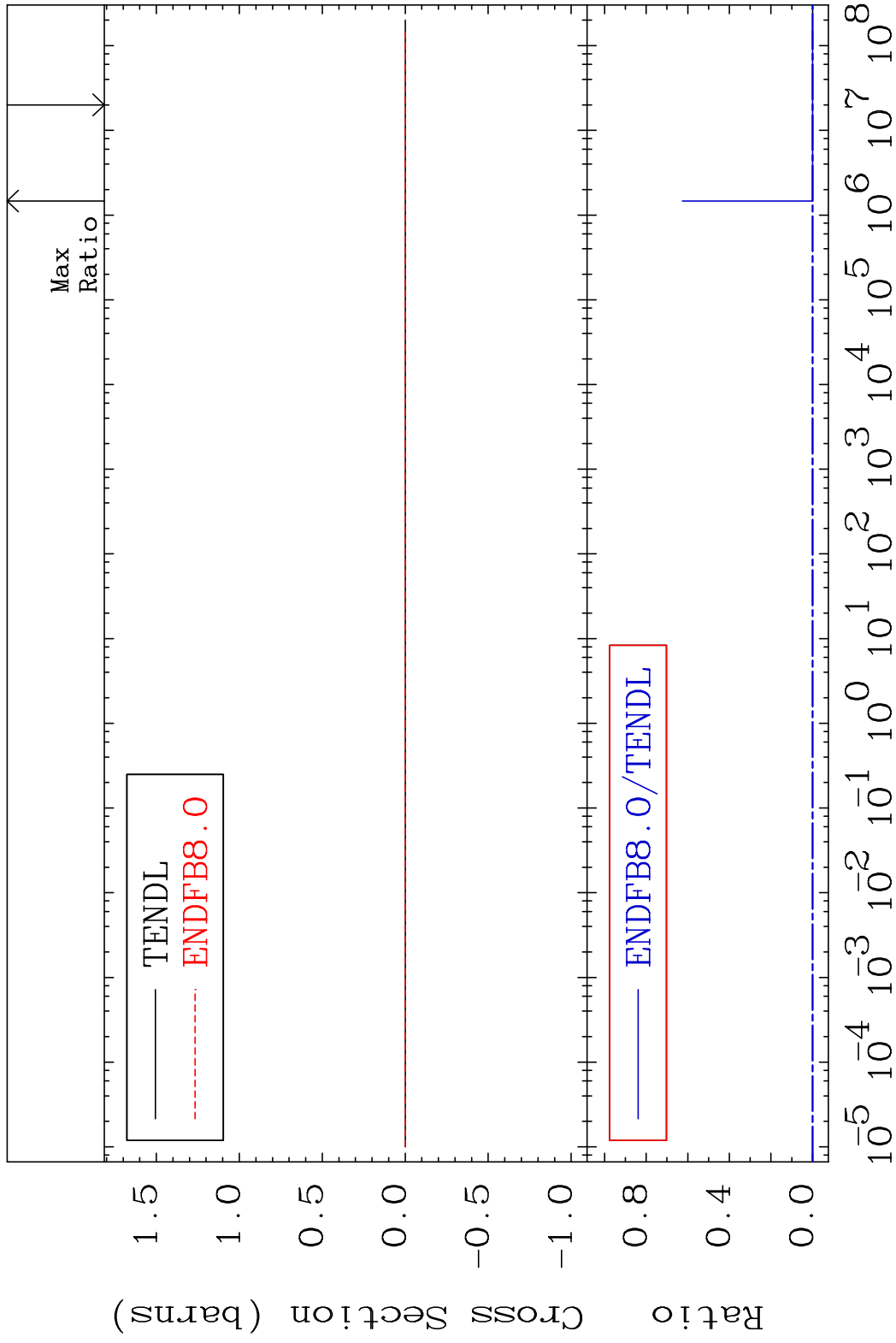


28 Incident Energy (eV) 24-Cr-52

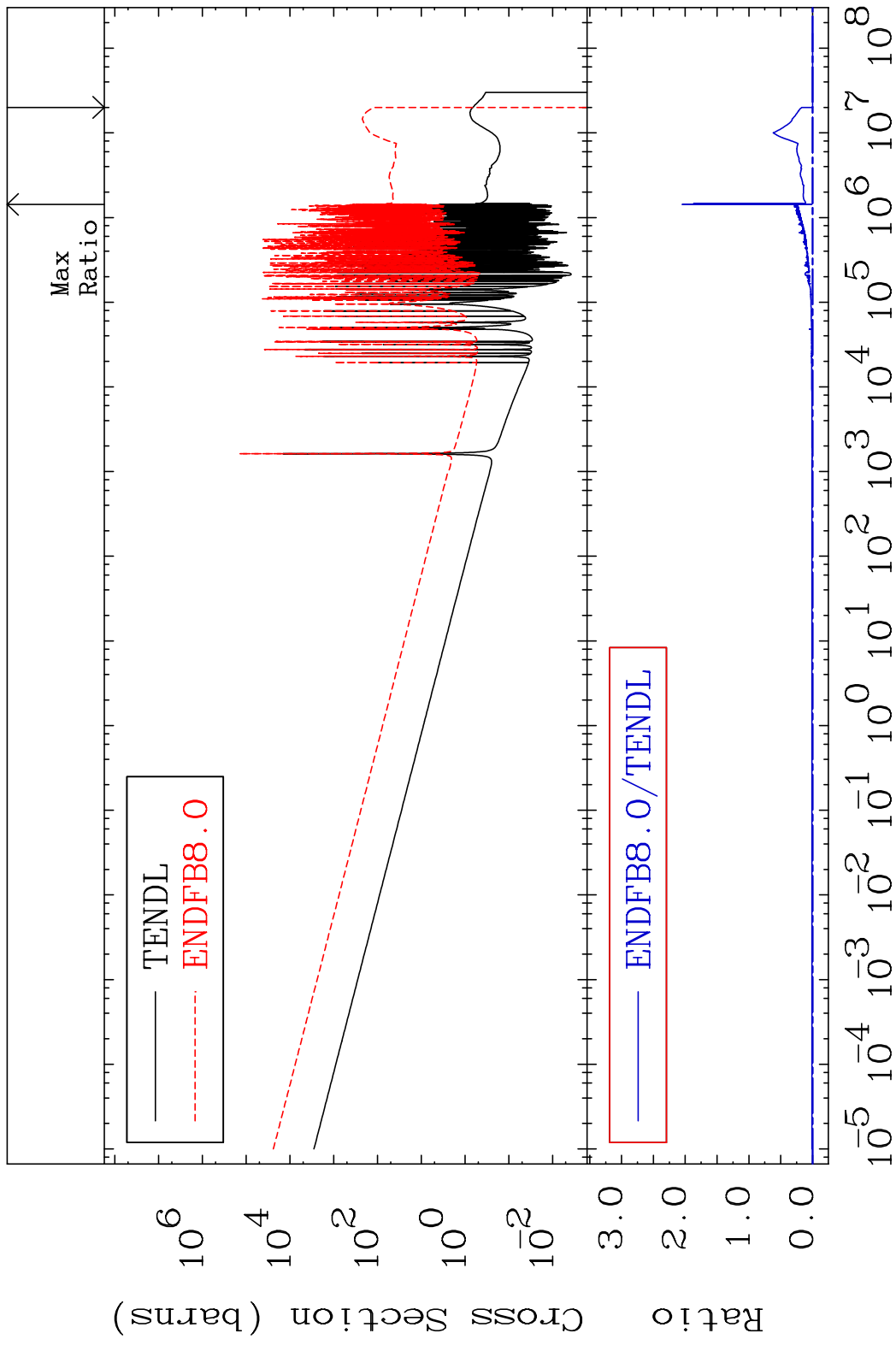
MAT 2431 Kerma inelastic (mt51-91) 24-Cr-52
 Cross Section -100.0 To 9999. %



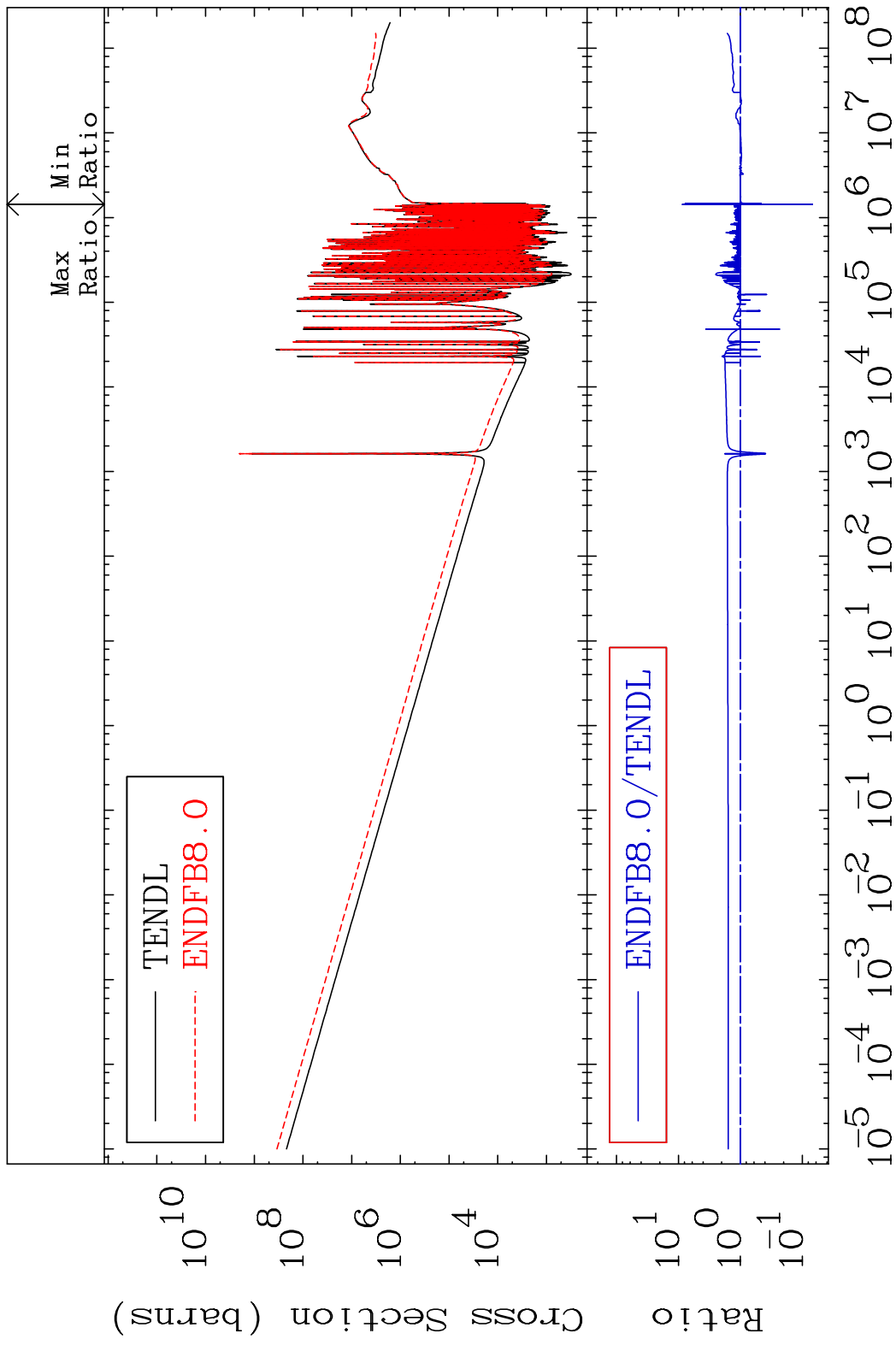
MAT 2431 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-52
 Cross Section -100.0 To 9999. %



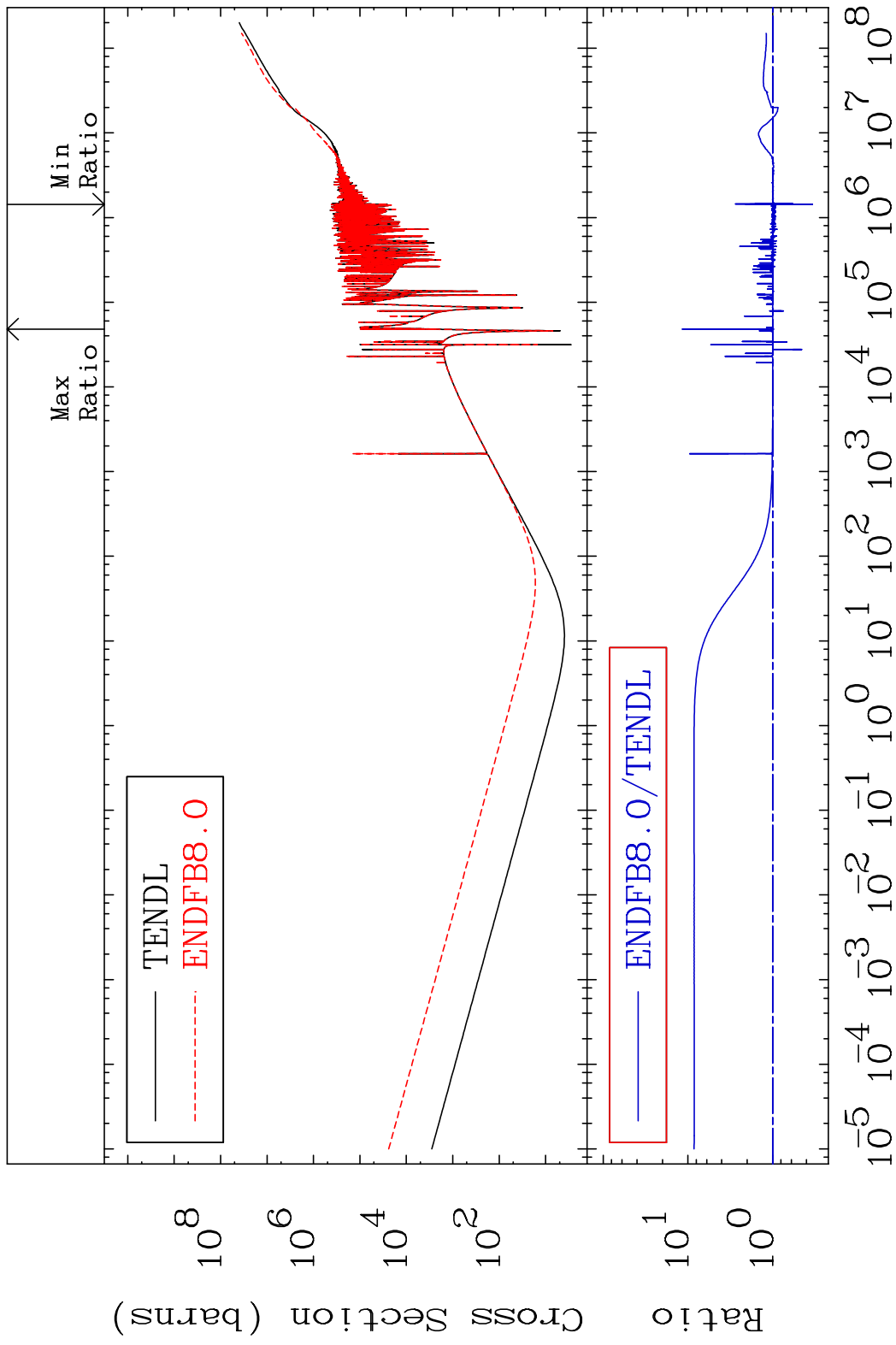
MAT 2431 Kerma capture (mt102) 24-Cr-52
 Cross Section -100.0 To 9999. %



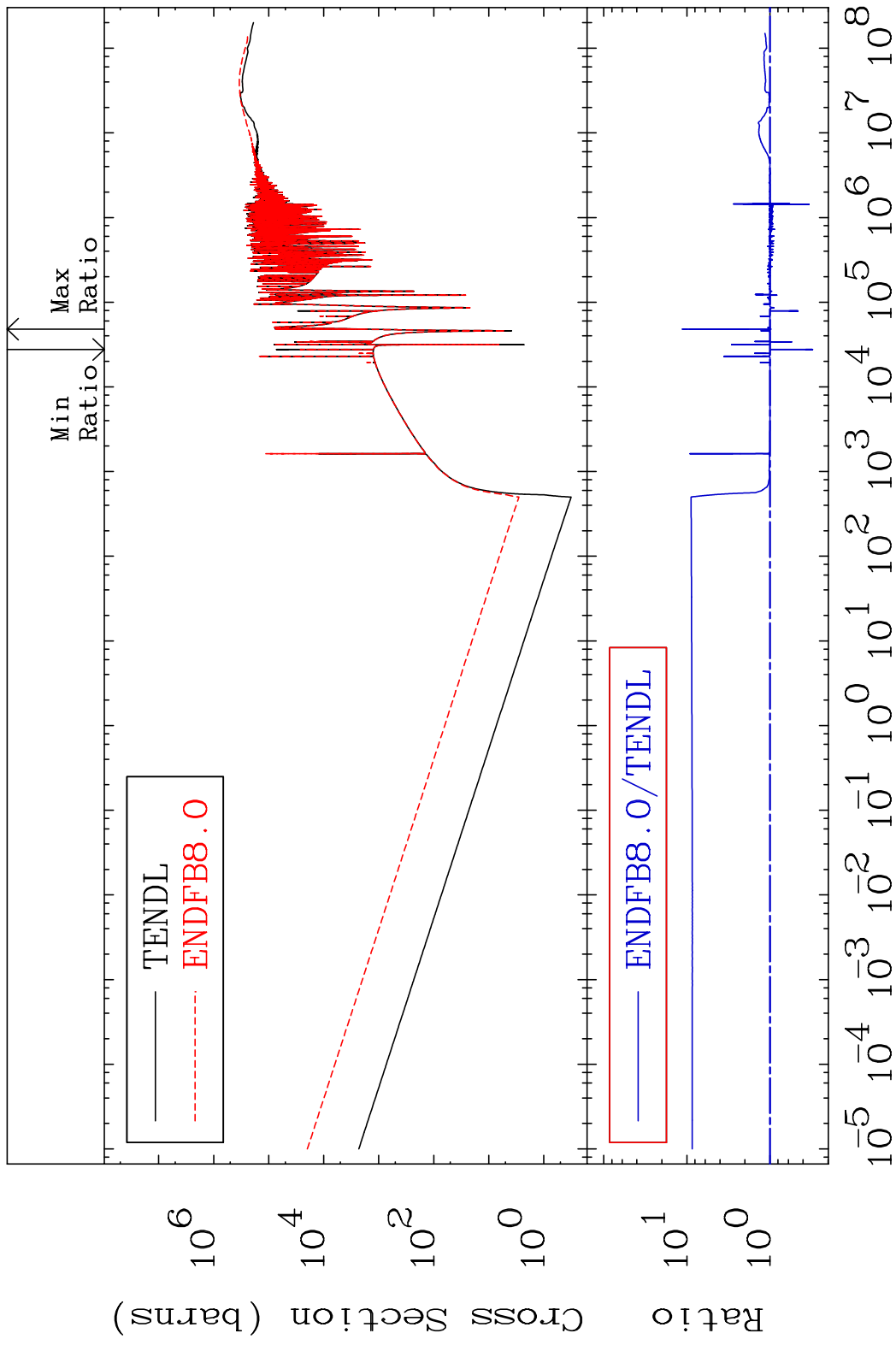
MAT 2431 Total photon (eV-barns) 24-Cr-52
Cross Section -93.18 To 764.2 %



MAT 2431 Total kinematic kerma (high limit) 24-Cr-52
 Cross Section -66.13 To 1065. %



MAT 2431 Dpa total (eV-barns) 24-Cr-52
 Cross Section -69.28 To 1033. %

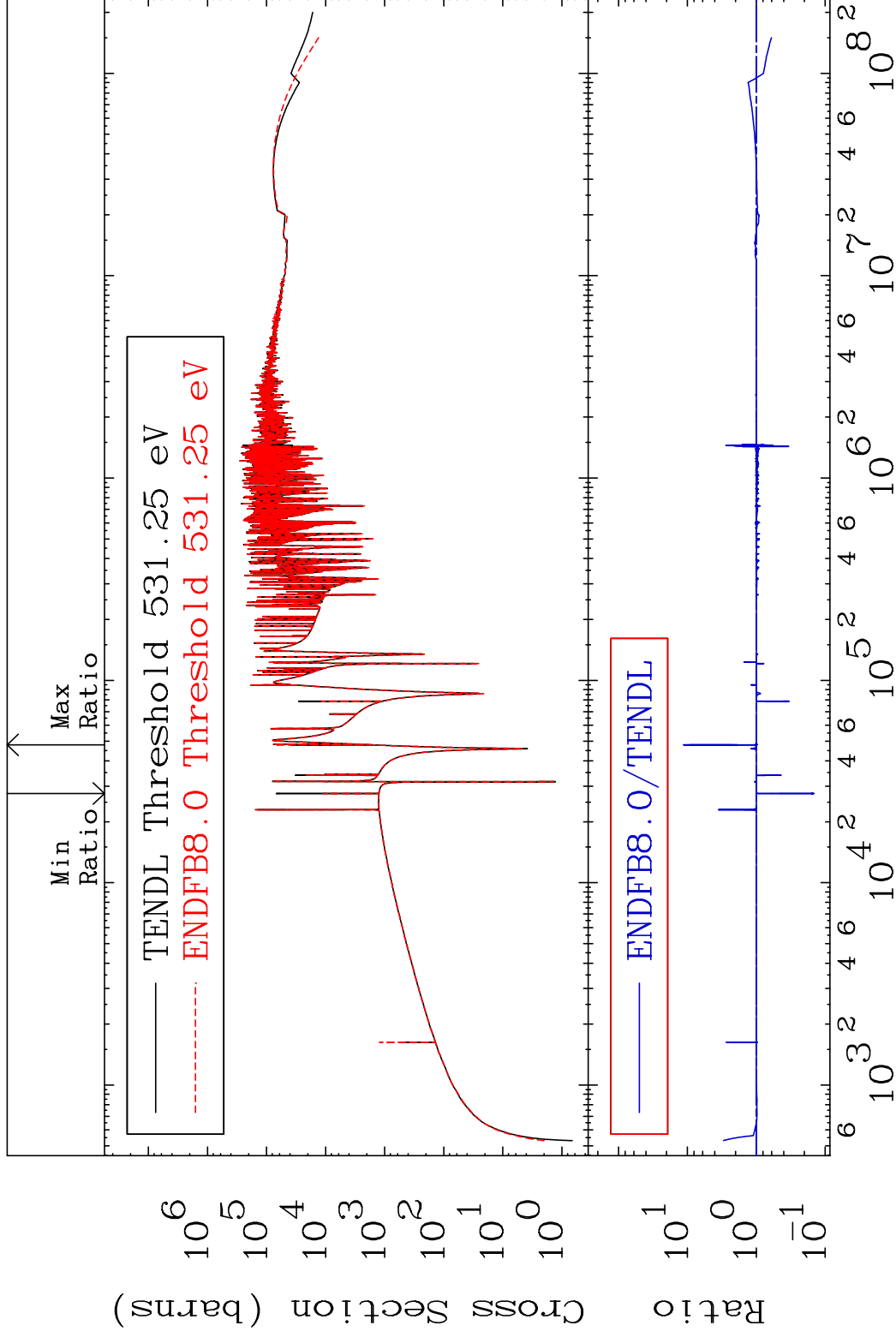


MAT 2431

Dpa elastic (mt2)

24-Cr-52

Cross Section -85.52 To 1033. %



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Incident Energy (eV)

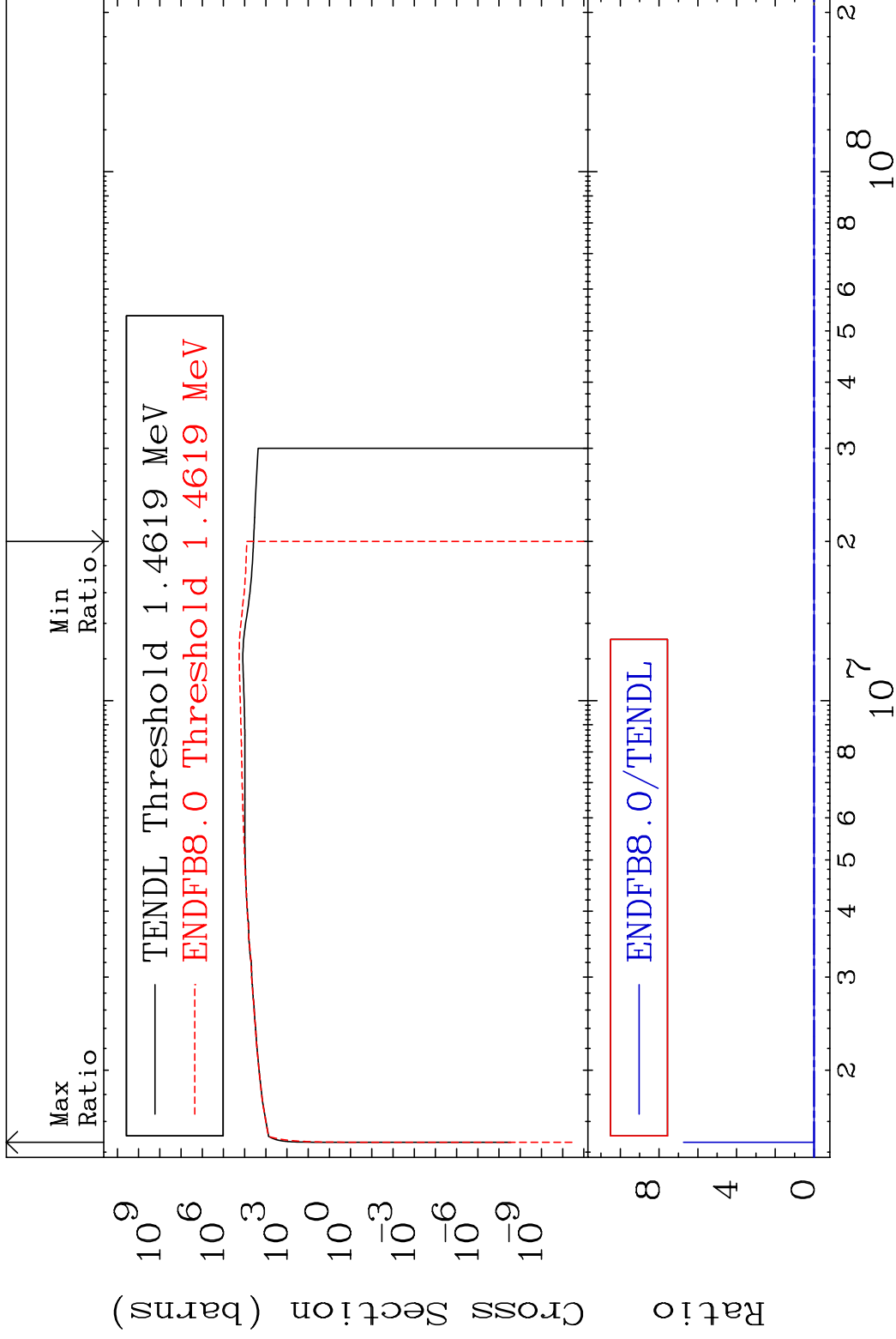
24-Cr-52

MAT 2431

Dpa inelastic (mt51-91)

24-Cr-52

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

24-Cr-52

MAT 2431 Dpa disappearance (mt102 -120) 24-Cr-52
 Cross Section -100.0 To 4189. %

