

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

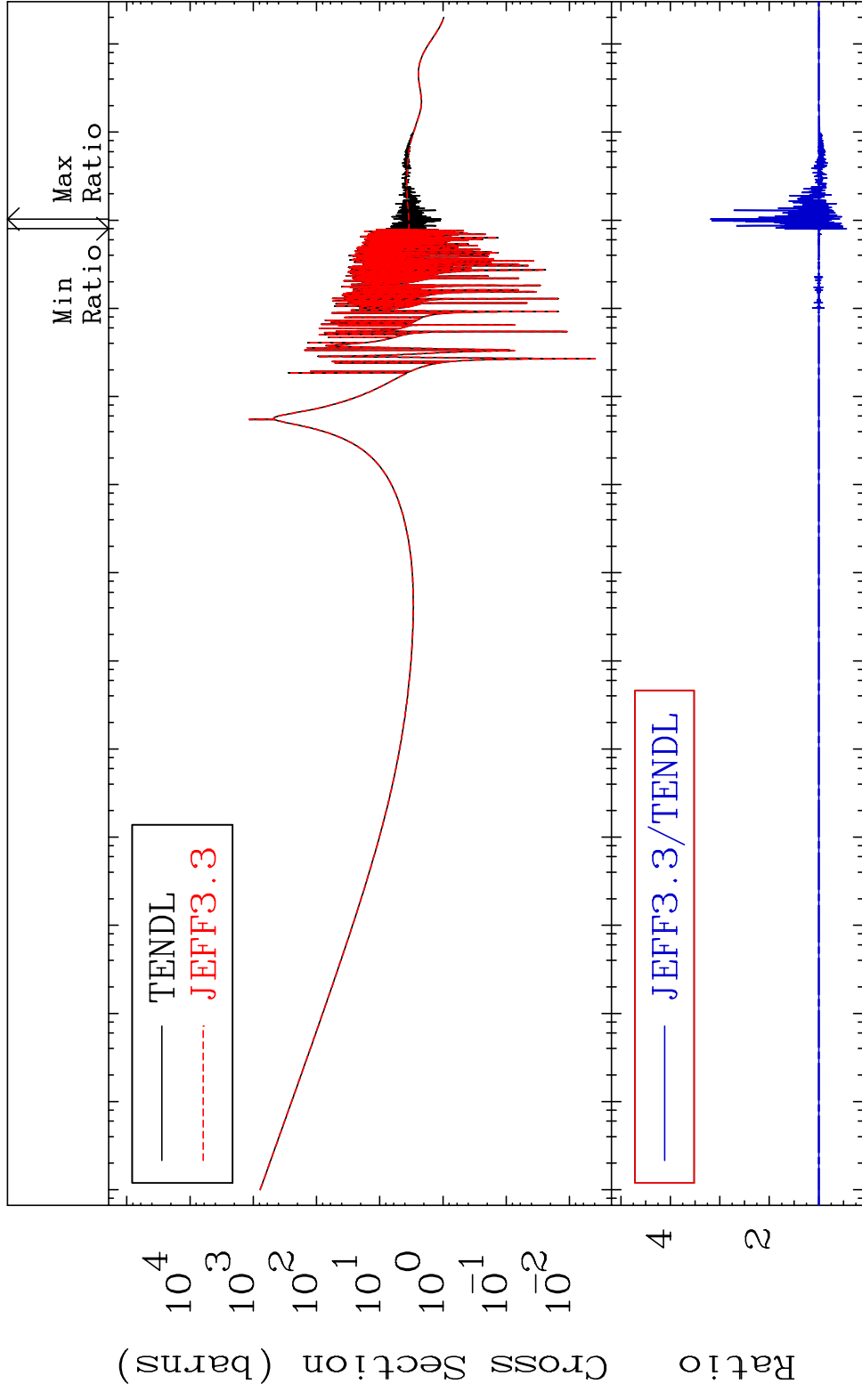
MAT 2425

Total

24-Cr-50

Cross Section

-55.67 To 218.4 %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

24-Cr-50

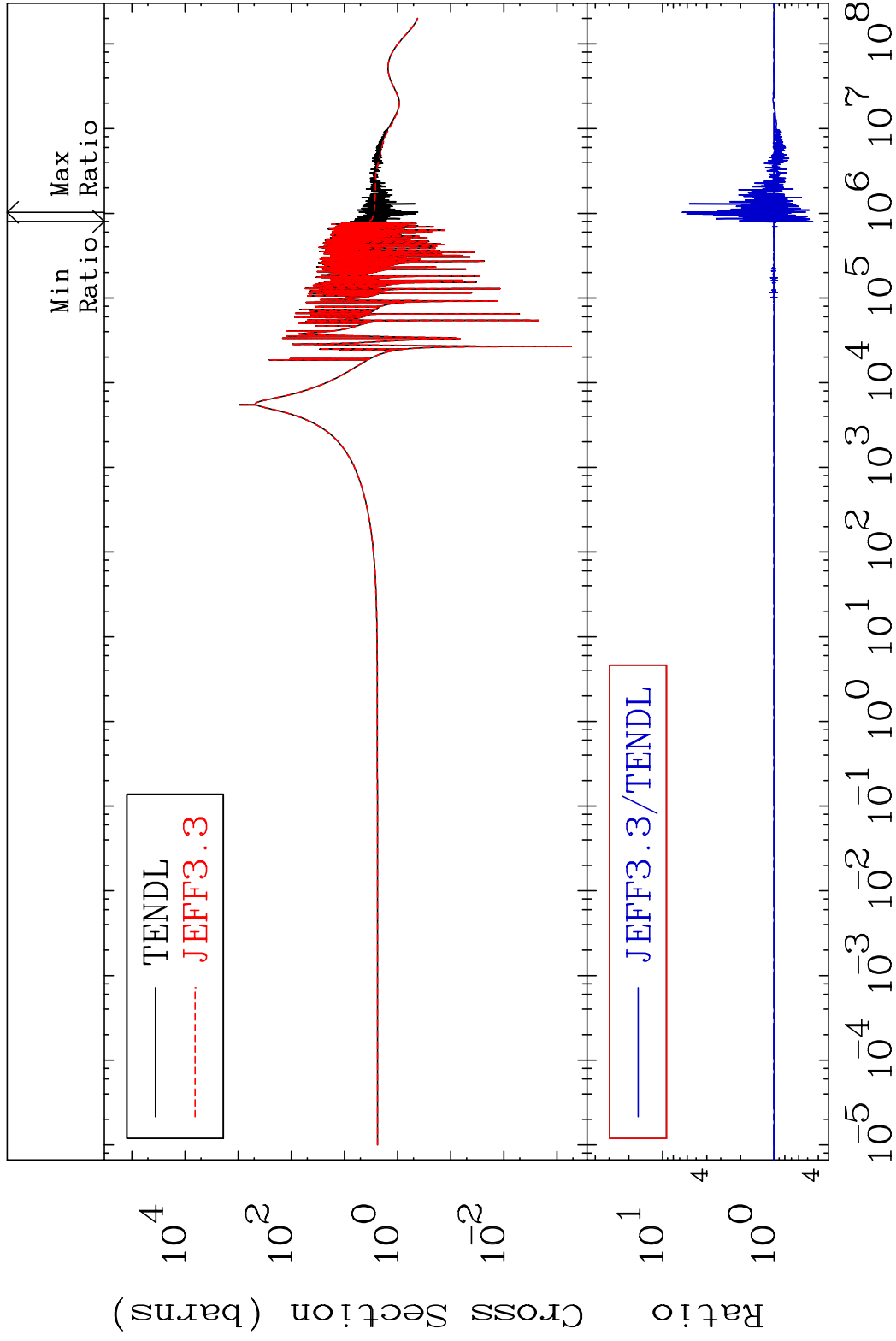
MAT 2425

Elastic

24-Cr-50

Cross Section

-54.86 To 563.3 %



2

Incident Energy (eV)

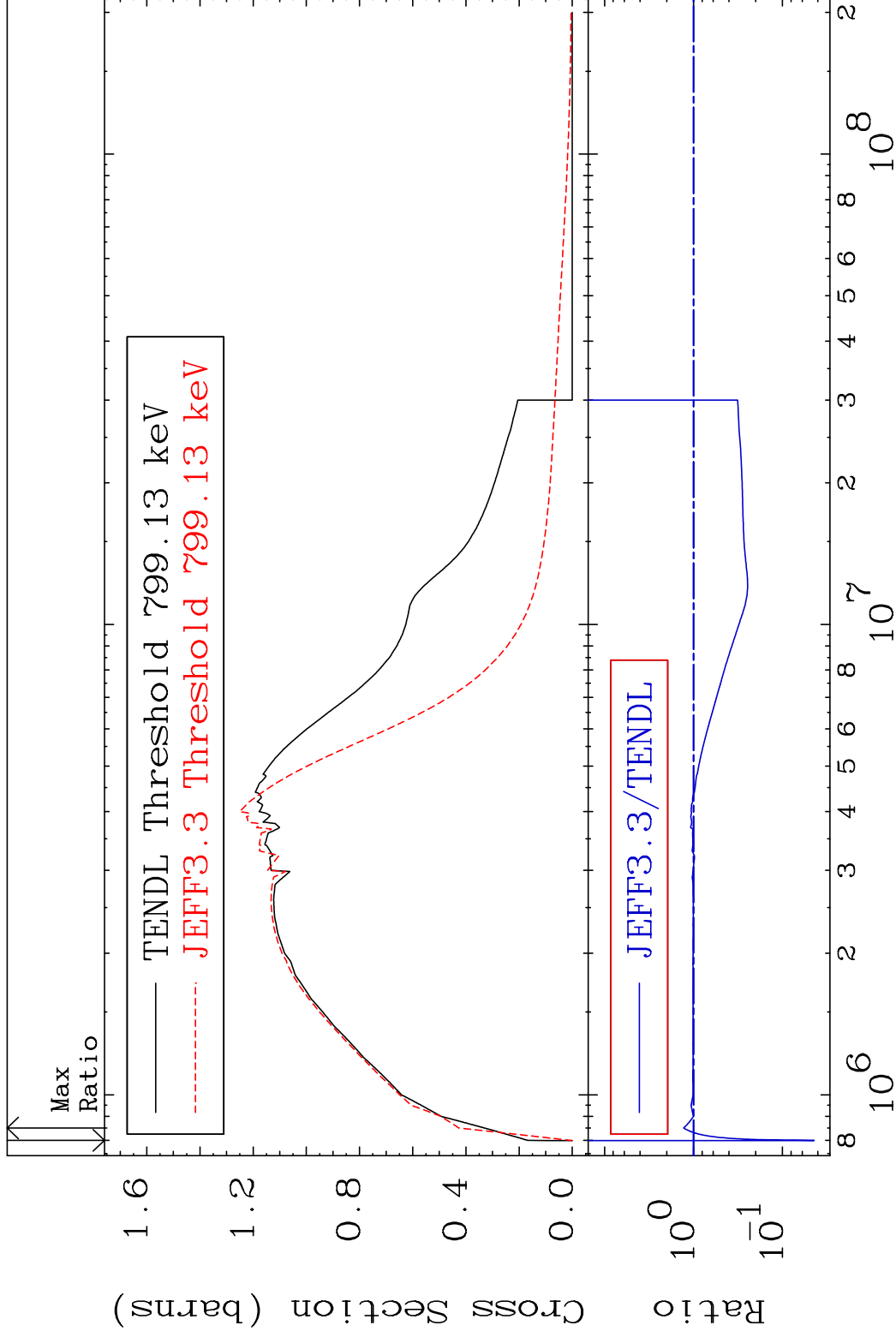
24-Cr-50

MAT 2425

Inelastic

²⁴Cr-50

Cross Section -95.59 To 29.09 %



3

Incident Energy (eV)

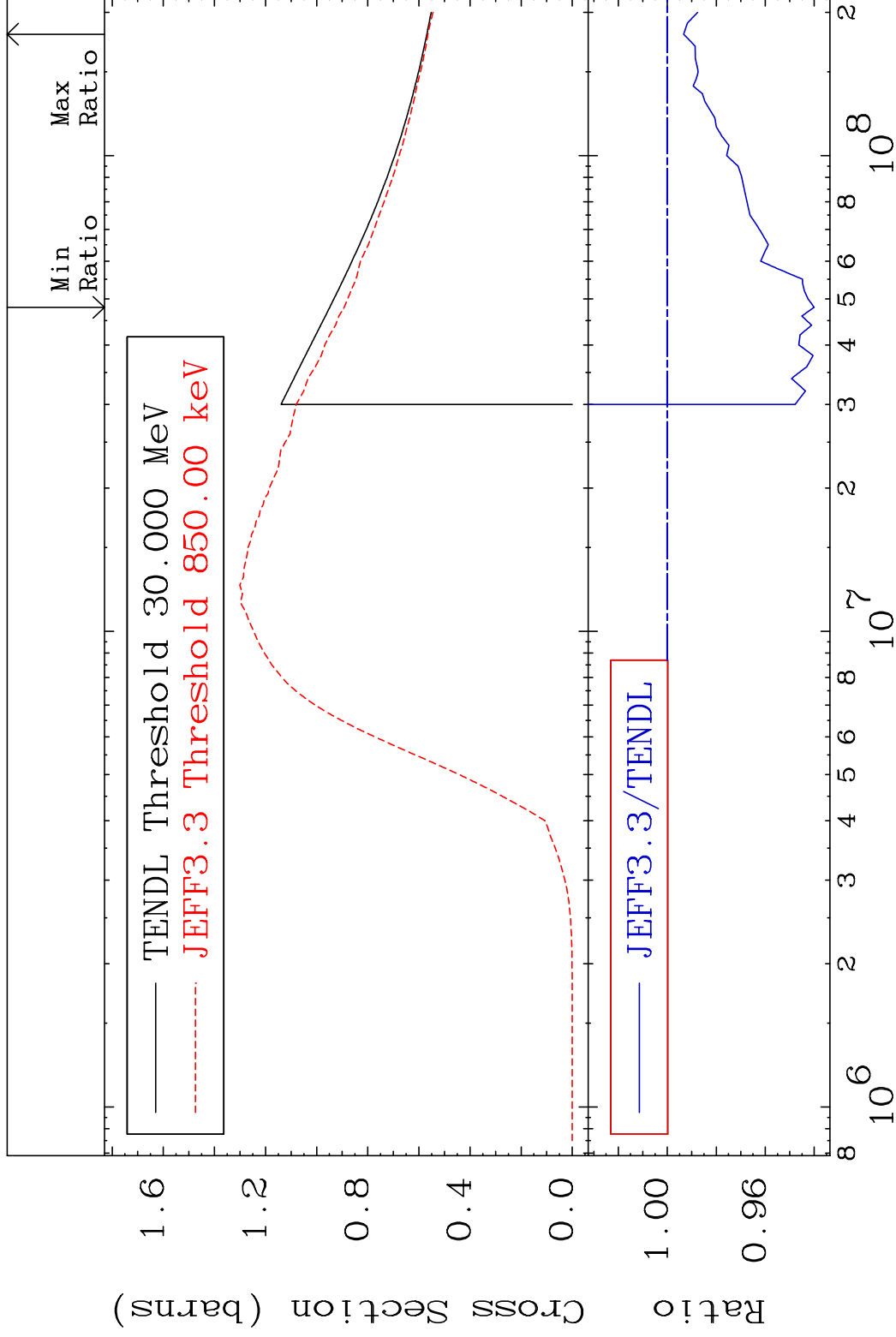
²⁴Cr-50

MAT 2425

(n, remainder)

24-Cr-50

Cross Section -5.994 To -0.668%

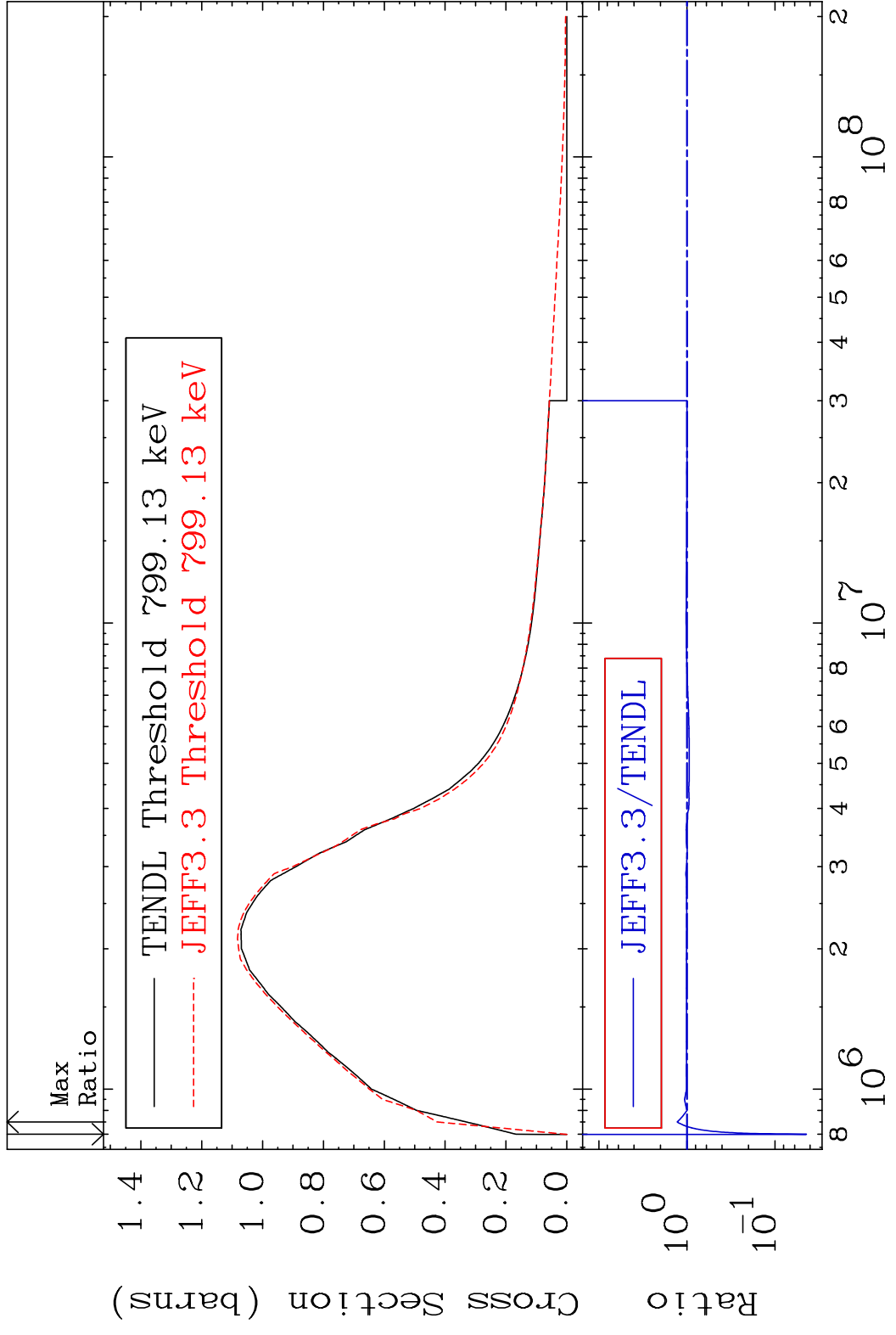


4

Incident Energy (eV)

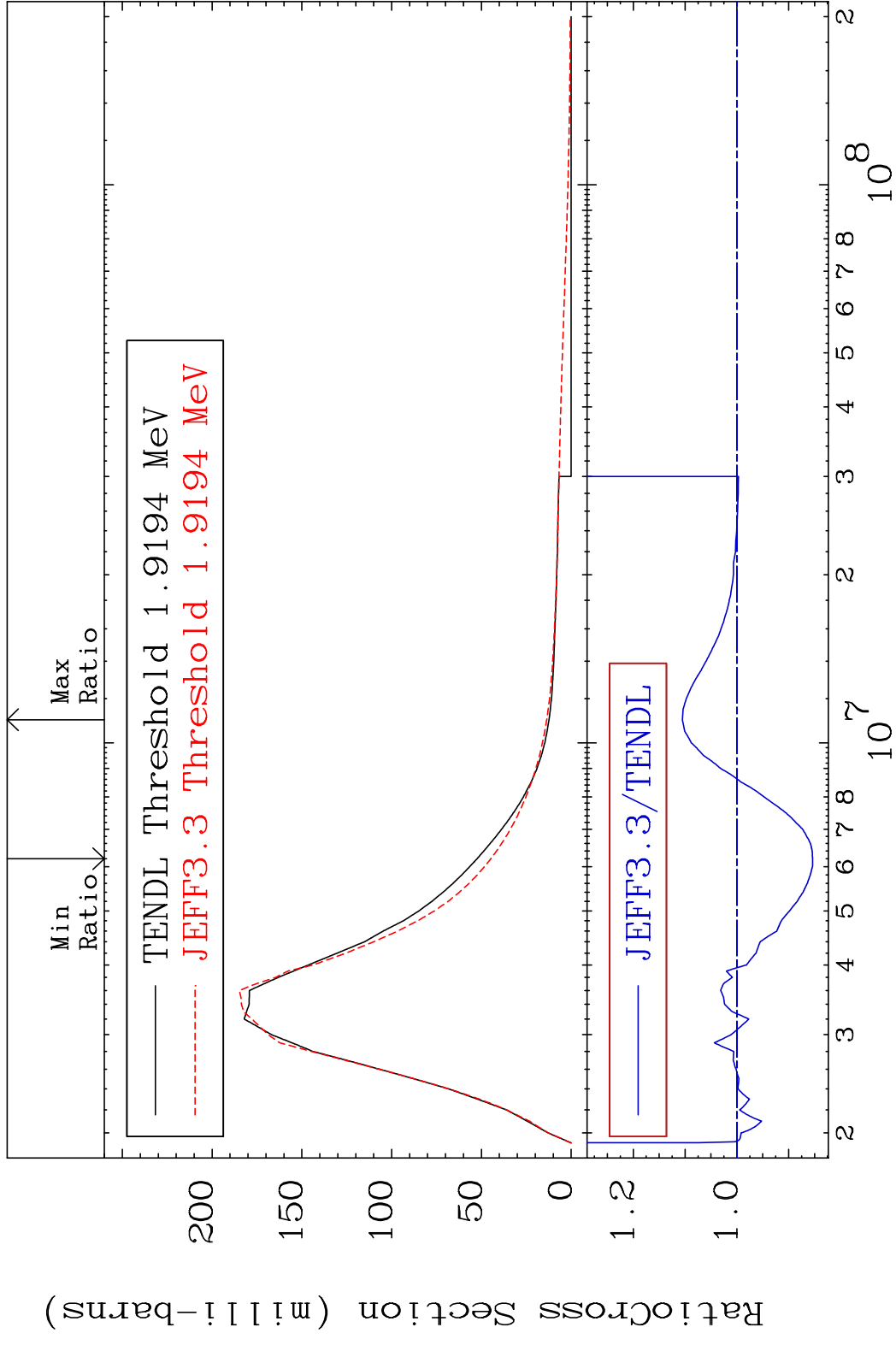
24-Cr-50

MAT 2425 MT= 51 (n,n') Level 24-Cr-50
 Cross Section -95.59 To 29.09 %

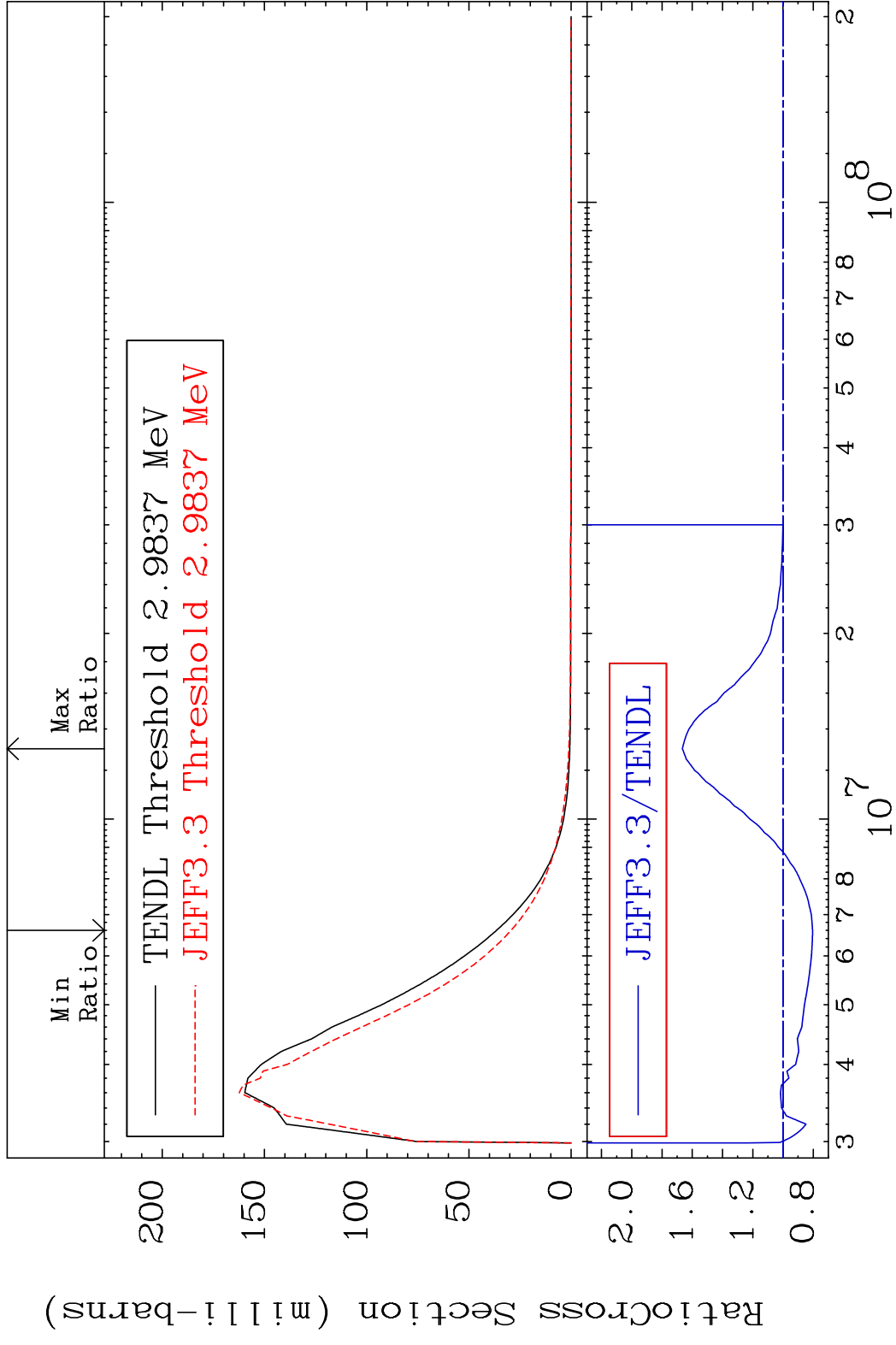


5 Incident Energy (eV) 24-Cr-50

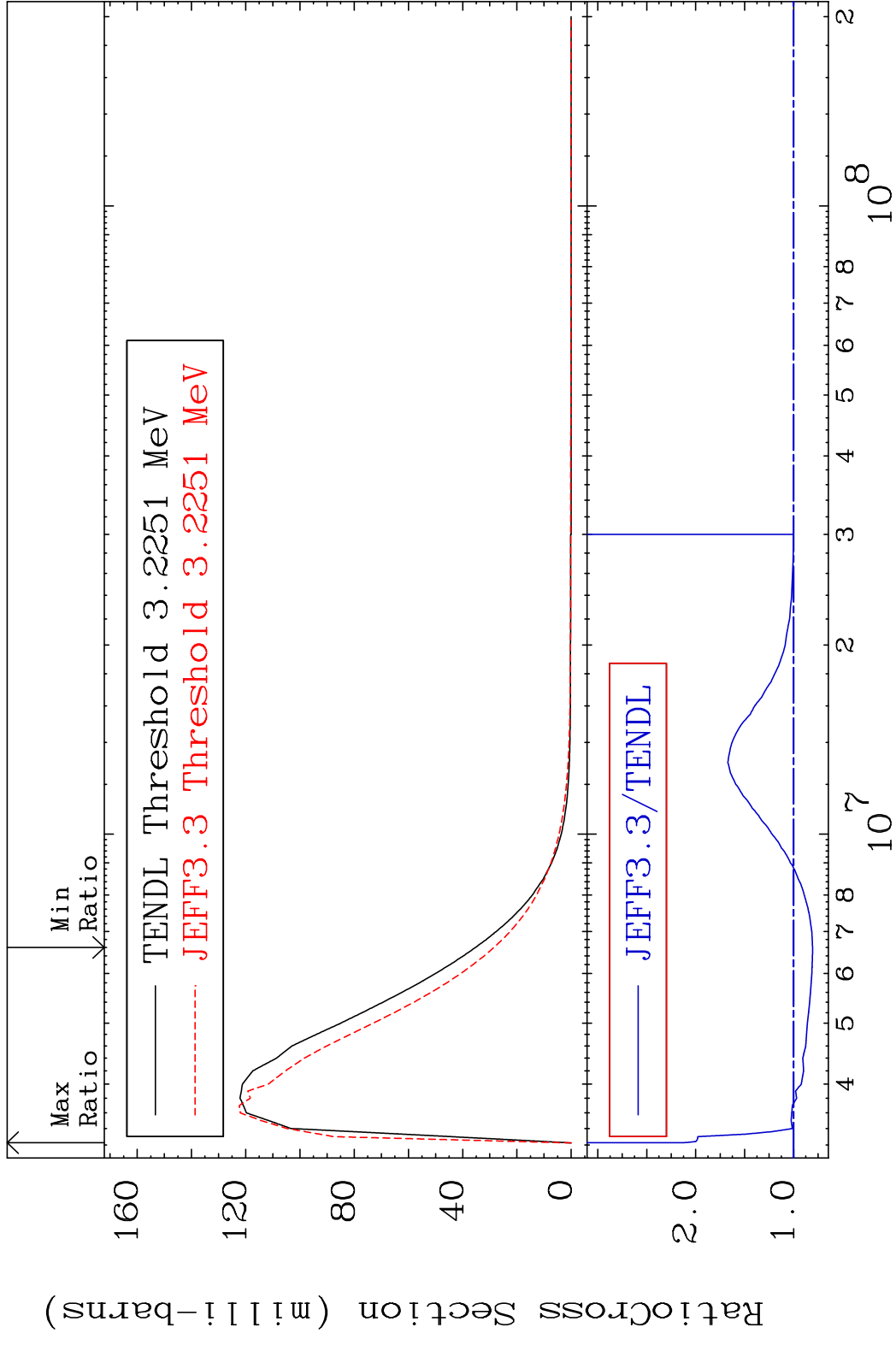
MAT 2425 MT= 52 (n, n') Level 24-Cr-50
 Cross Section -14.61 To 10.52 %



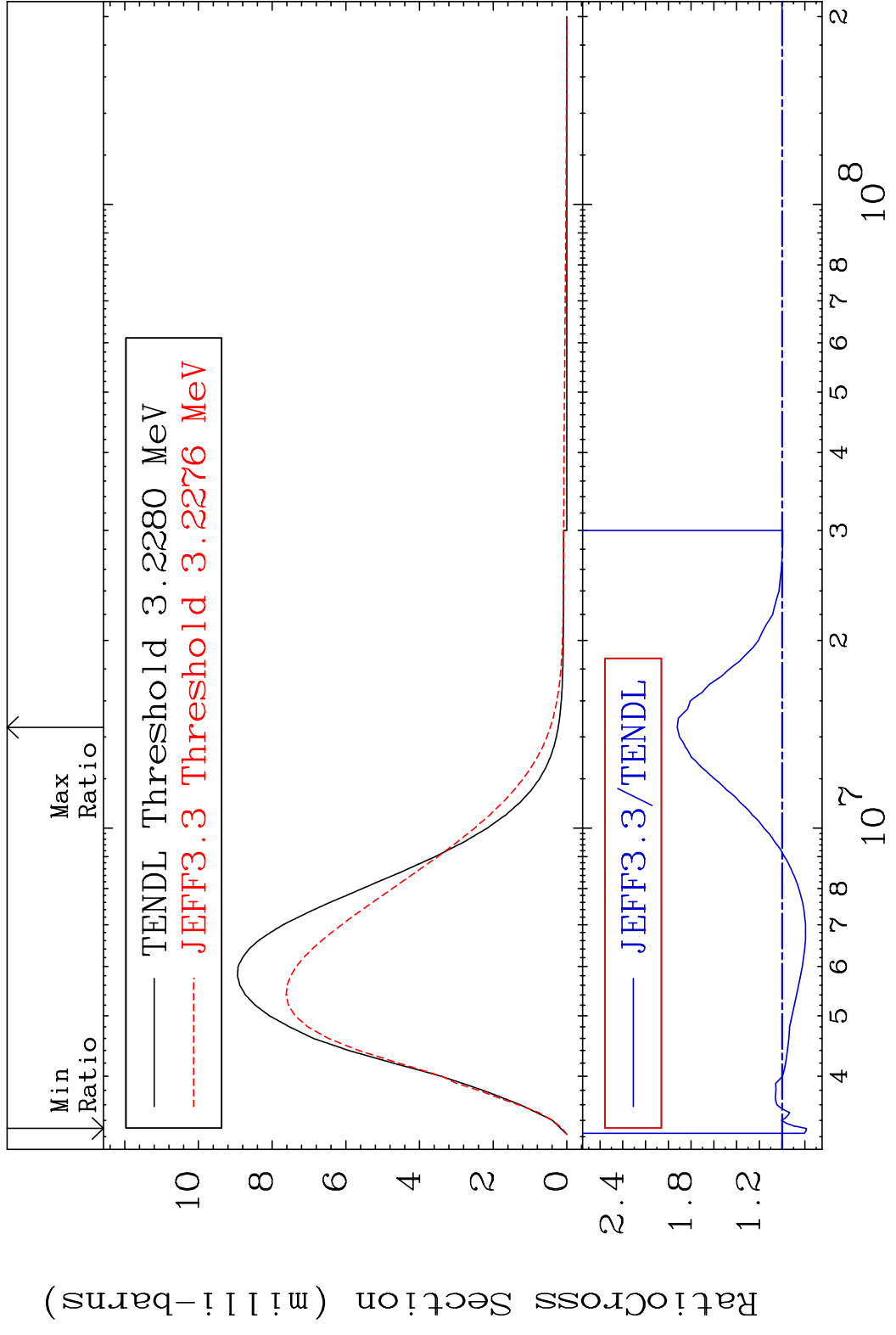
MAT 2425 MT= 53 (n, n') Level 24-Cr-50
 Cross Section -19.54 To 66.56 %



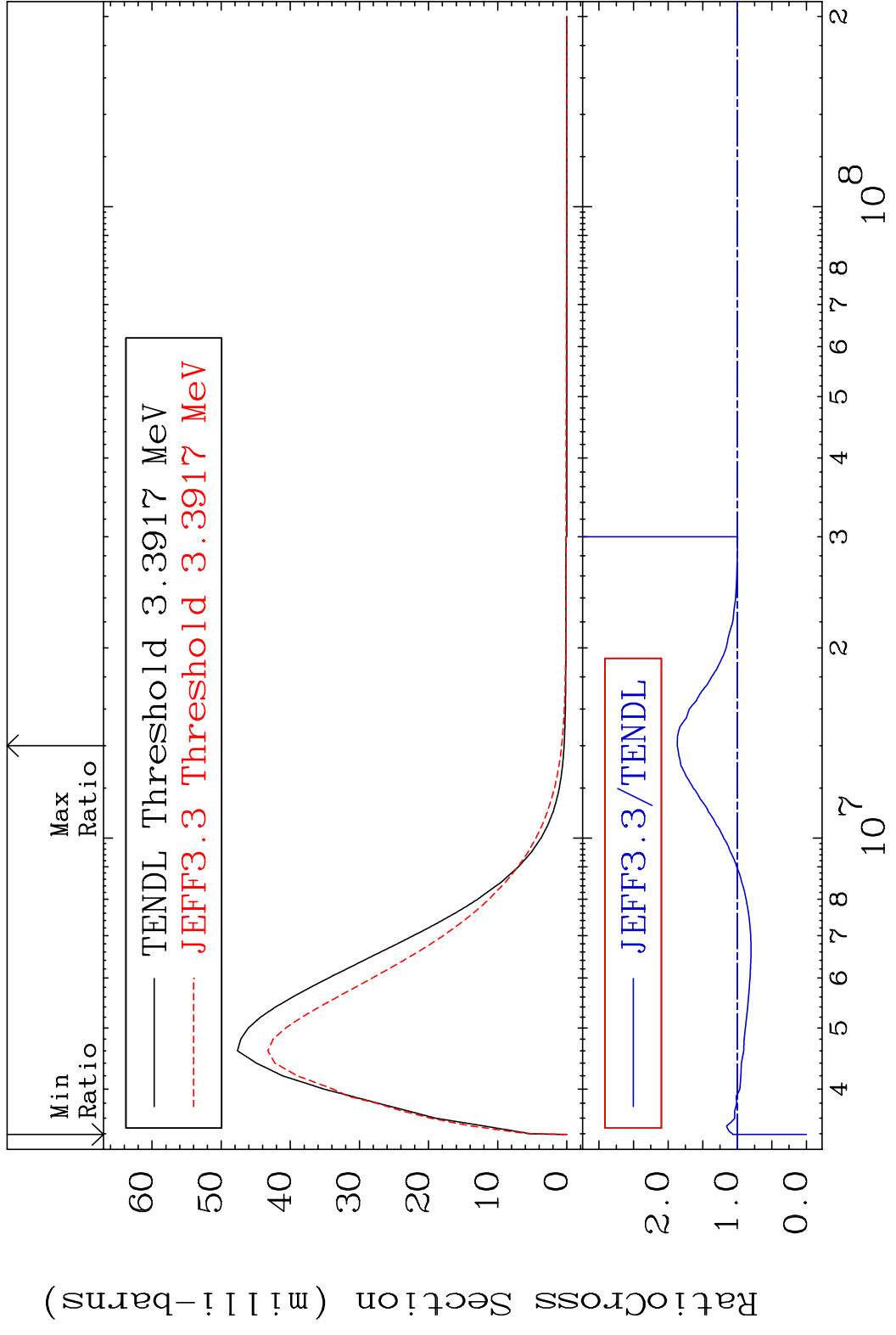
MAT 2425 MT= 54 (n, n') Level 24-Cr-50
 Cross Section -19.40 To 113.6 %



MAT 2425 MT= 55 (n,n') Level 24-Cr-50
 Cross Section -21.34 To 92.19 %

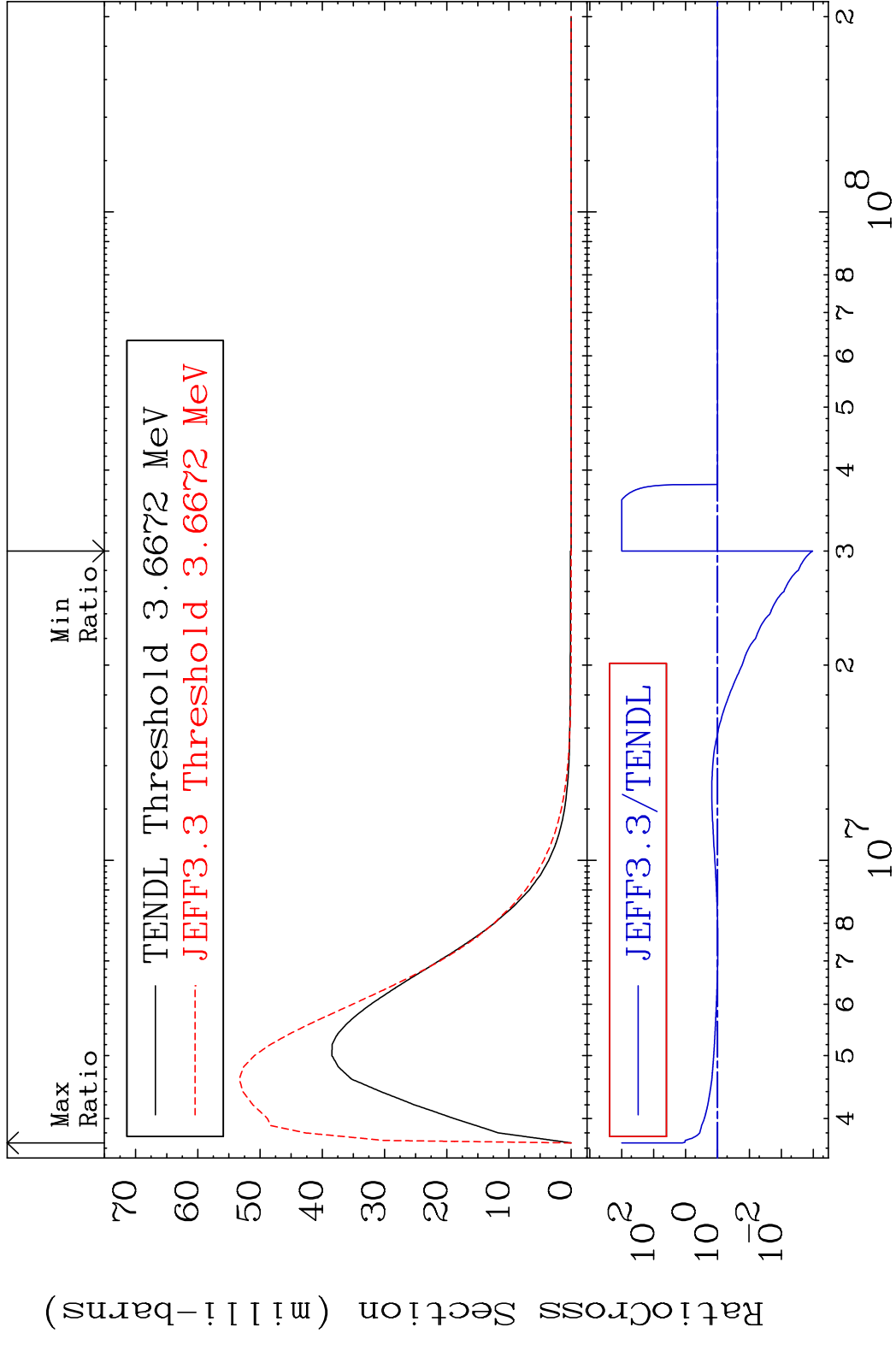


MAT 2425 MT= 56 (n,n') Level 24-Cr-50
 Cross Section -100.0 To 86.90 %

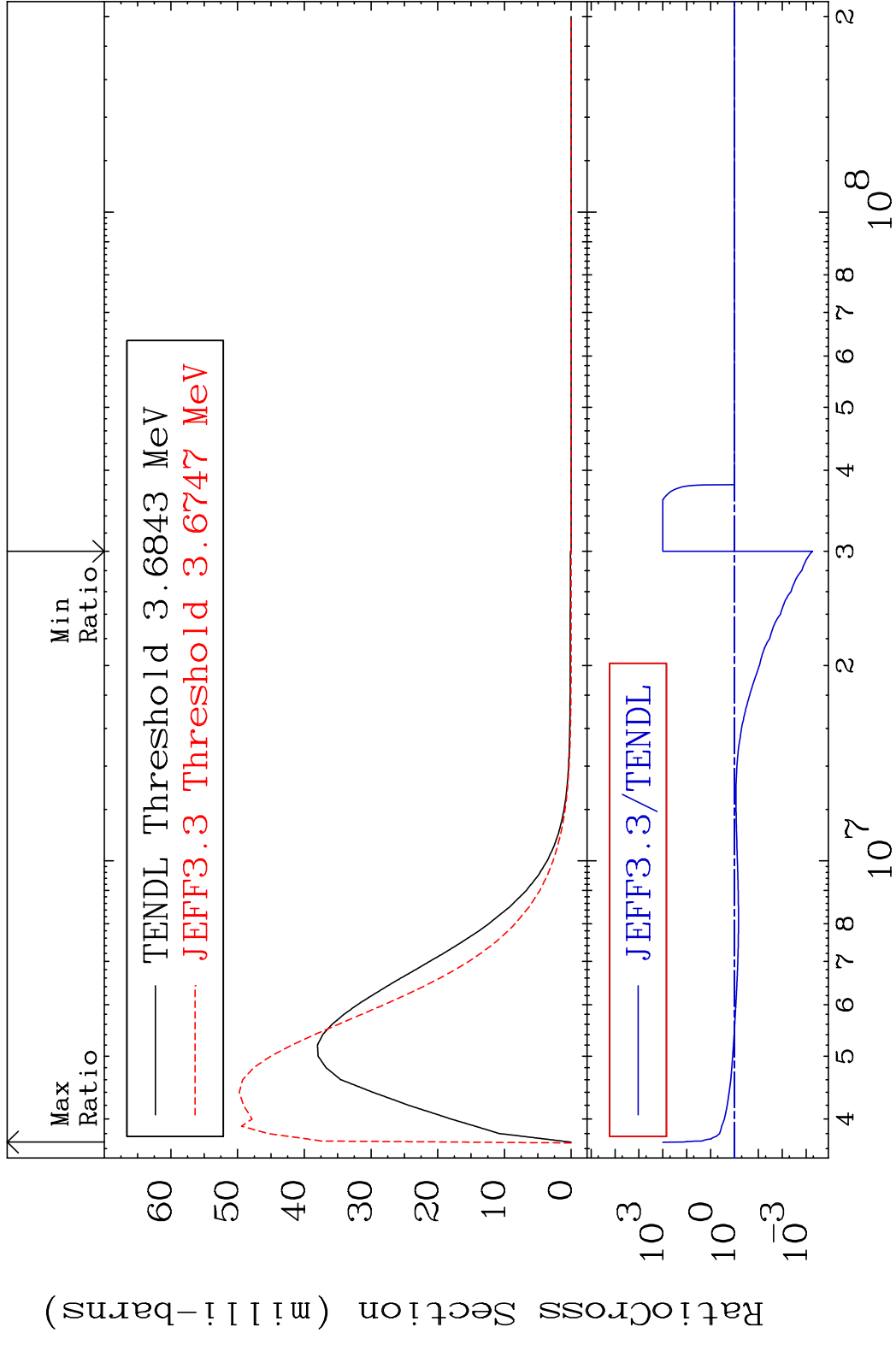


10 Incident Energy (eV) 24-Cr-50

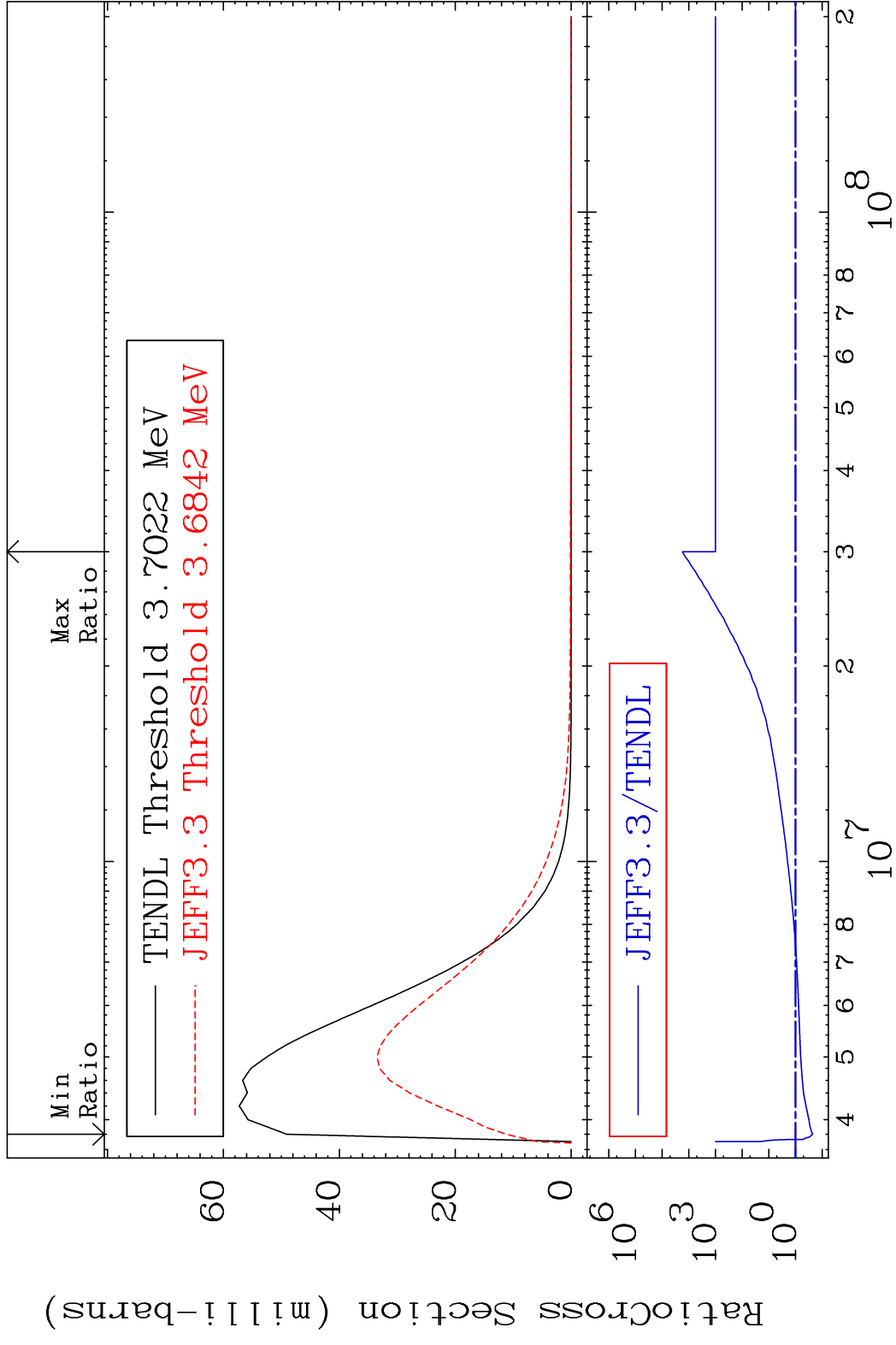
MAT 2425 MT= 57 (n, n') Level 24-Cr-50
 Cross Section -99.89 To 1168. %



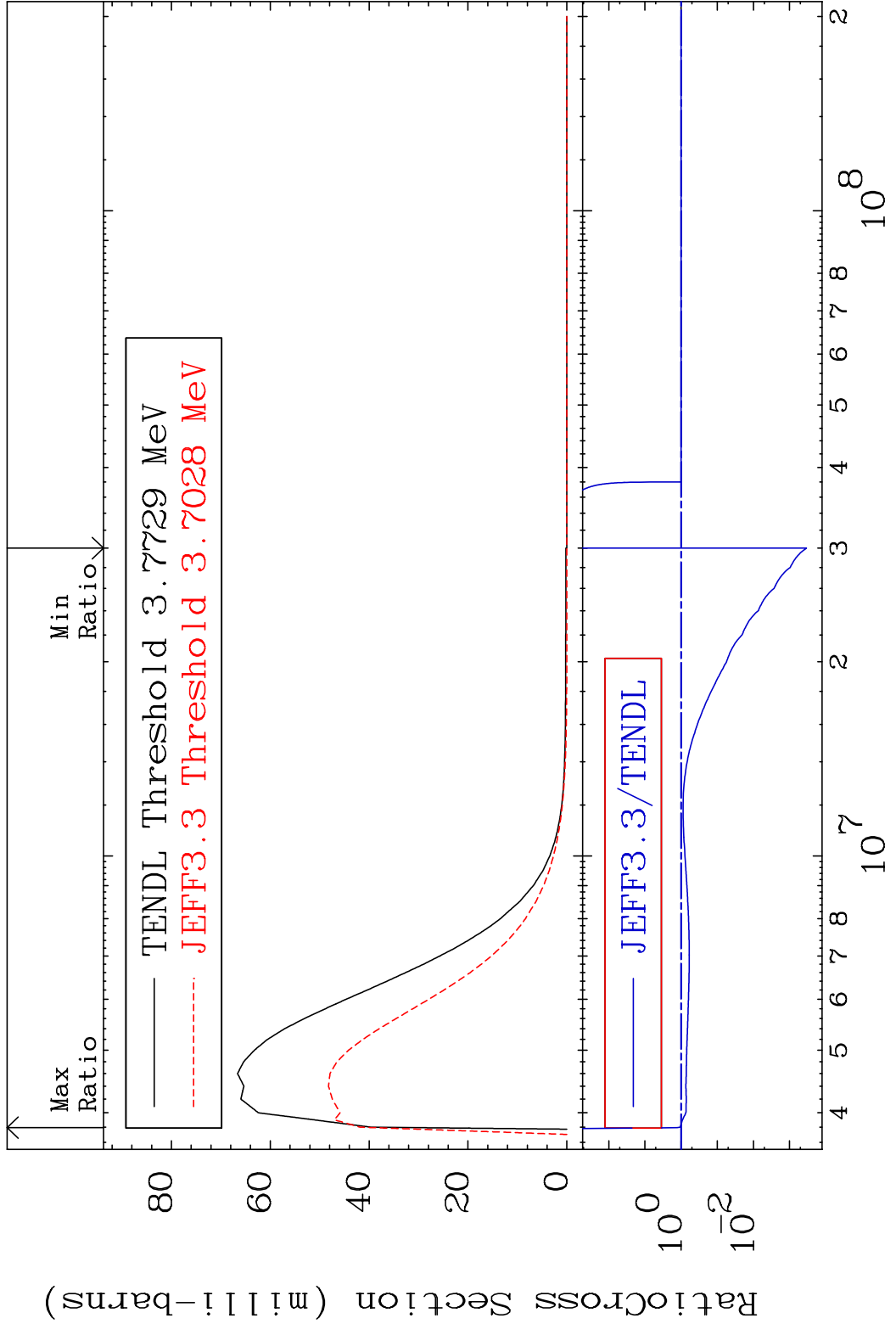
MAT 2425 MT= 58 (n, n') Level 24-Cr-50
 Cross Section -99.95 To 9999. %



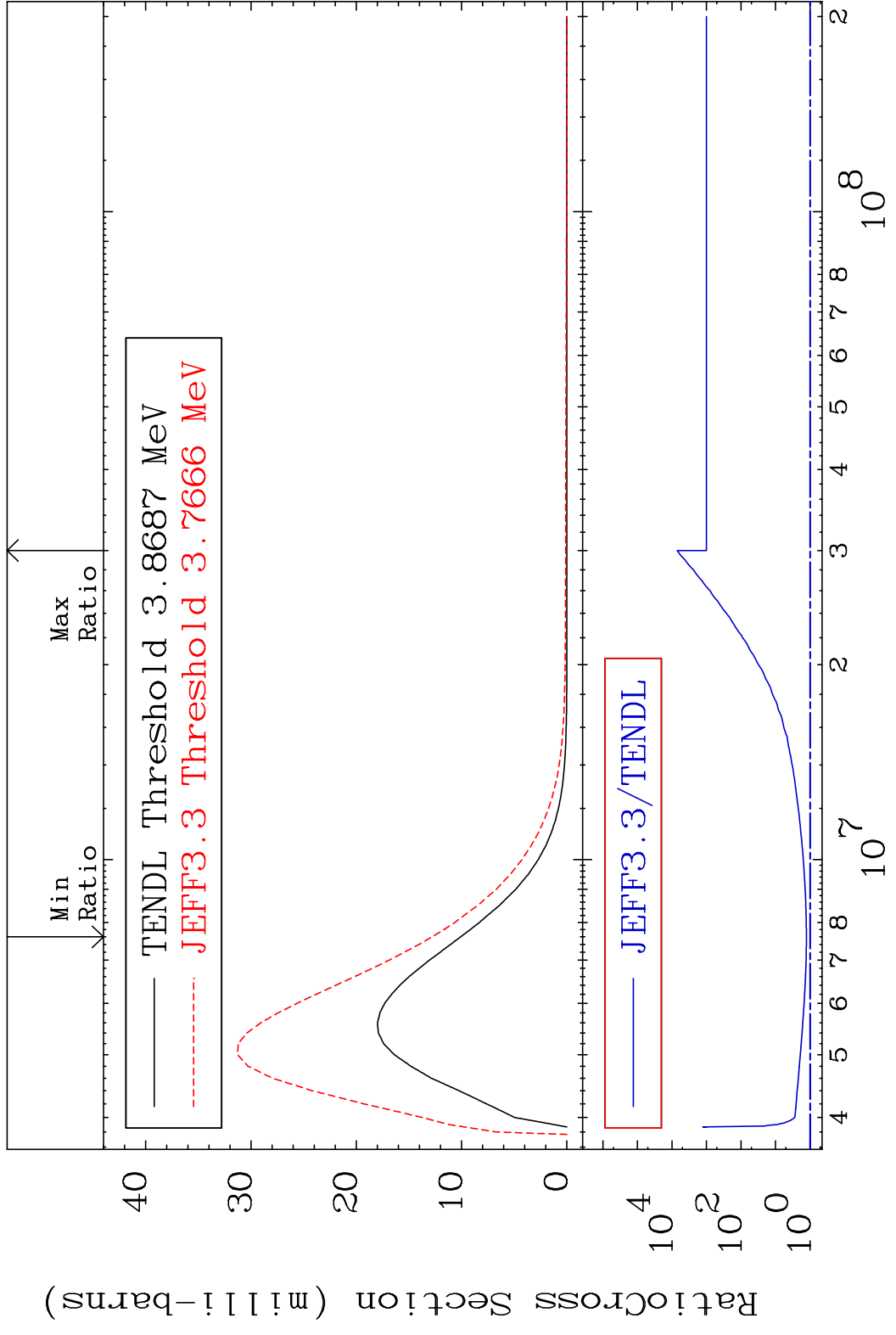
MAT 2425 MT= 59 (n, n') Level 24-Cr-50
 Cross Section -77.10 To 9999. %



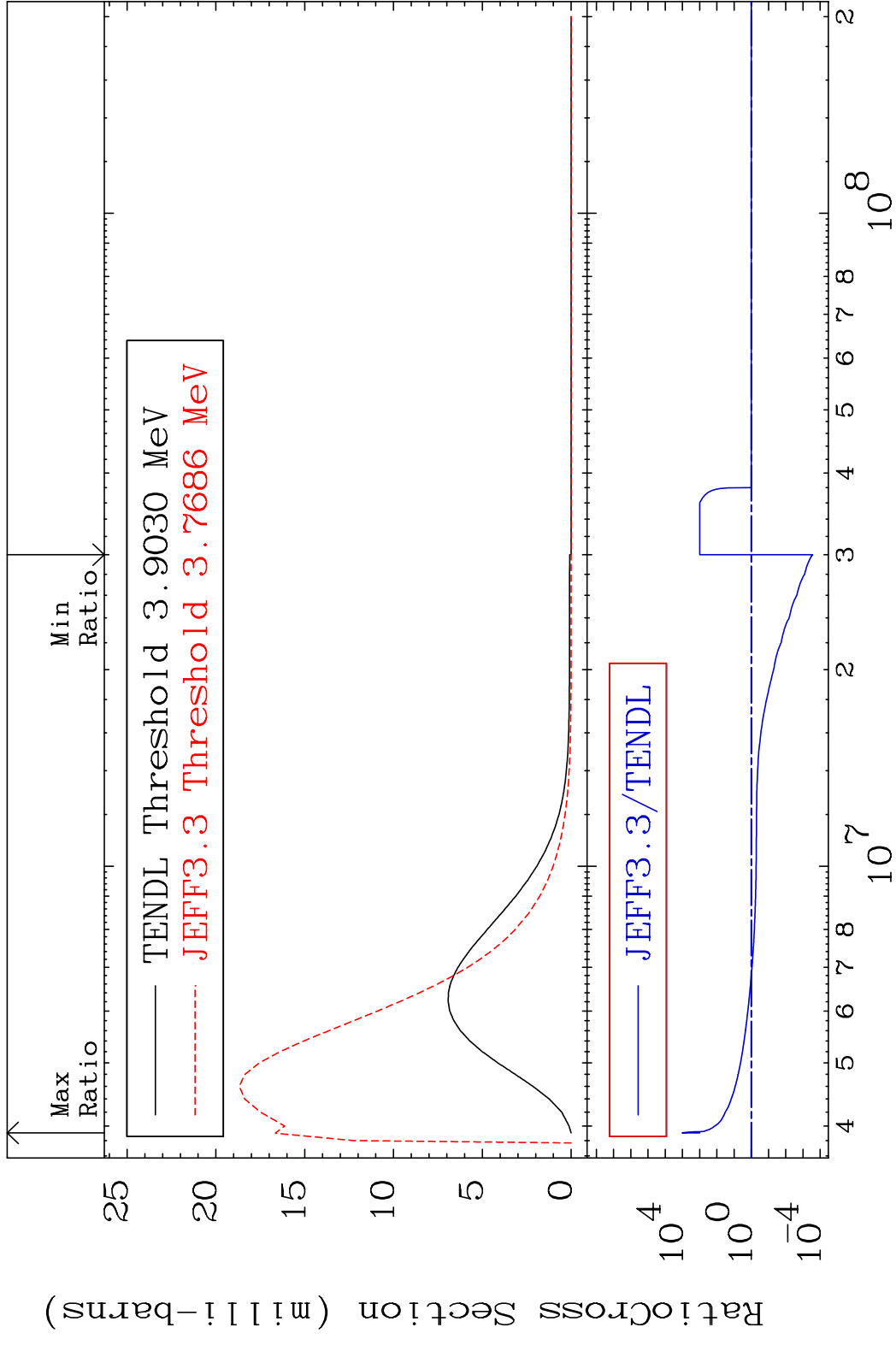
MAT 2425 MT= 60 (n, n') Level 24-Cr-50
 Cross Section -99.97 To 28.27 %



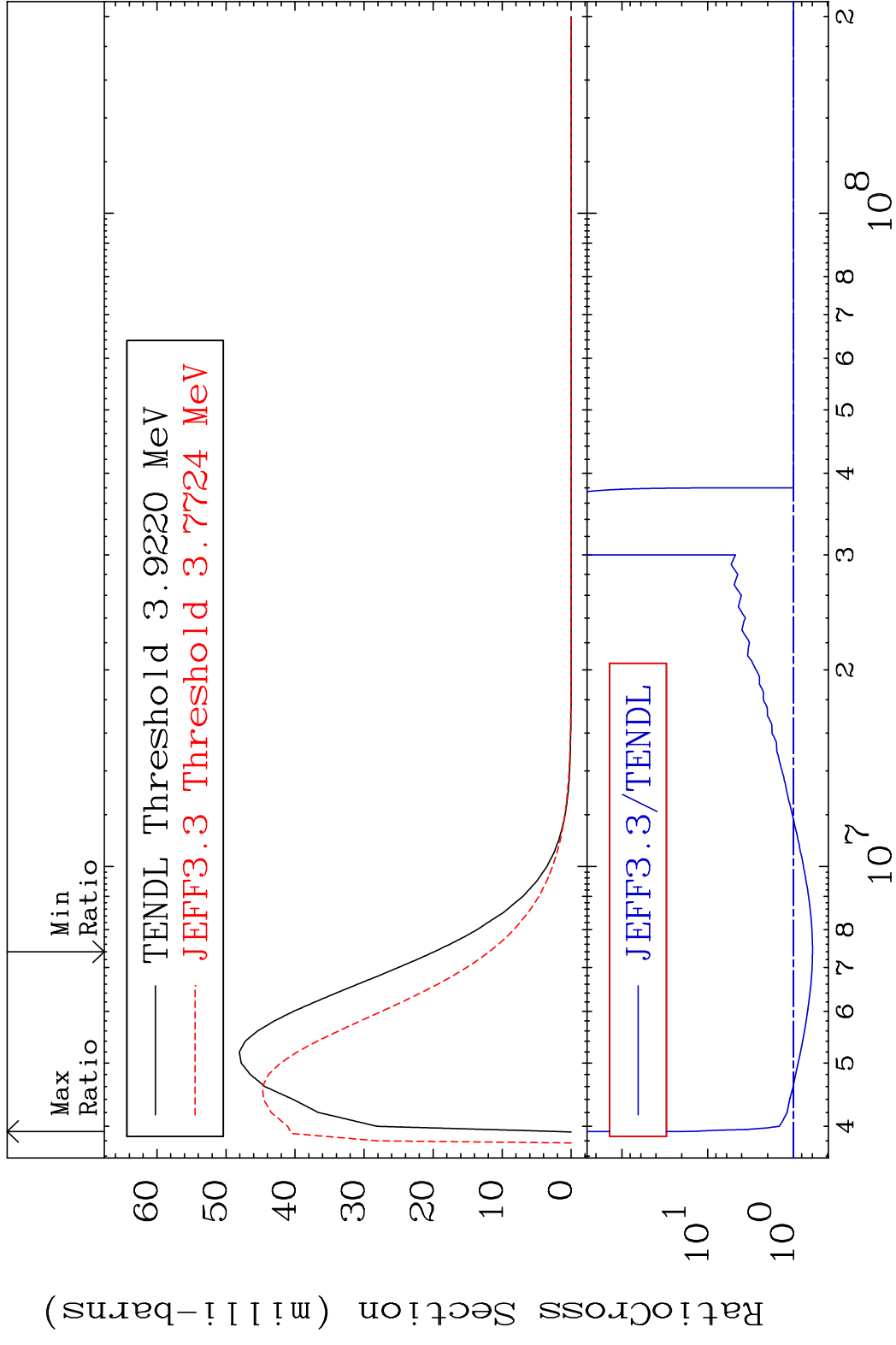
MAT 2425 MT= 61 (n, n') Level 24-Cr-50
 Cross Section 26.95 To 9999. %



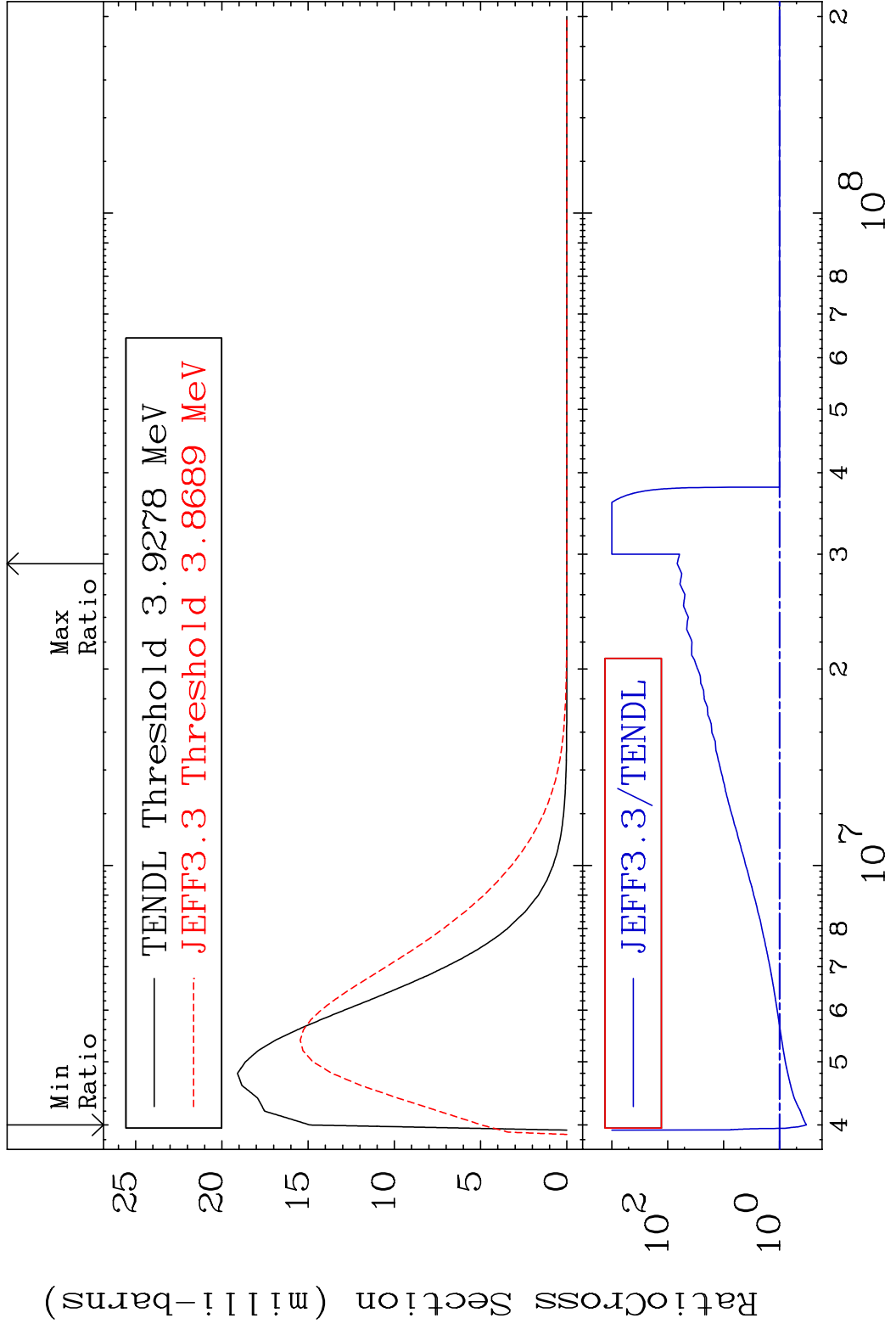
MAT 2425 MT= 62 (n,n') Level 24-Cr-50
 Cross Section -99.97 To 9999. %



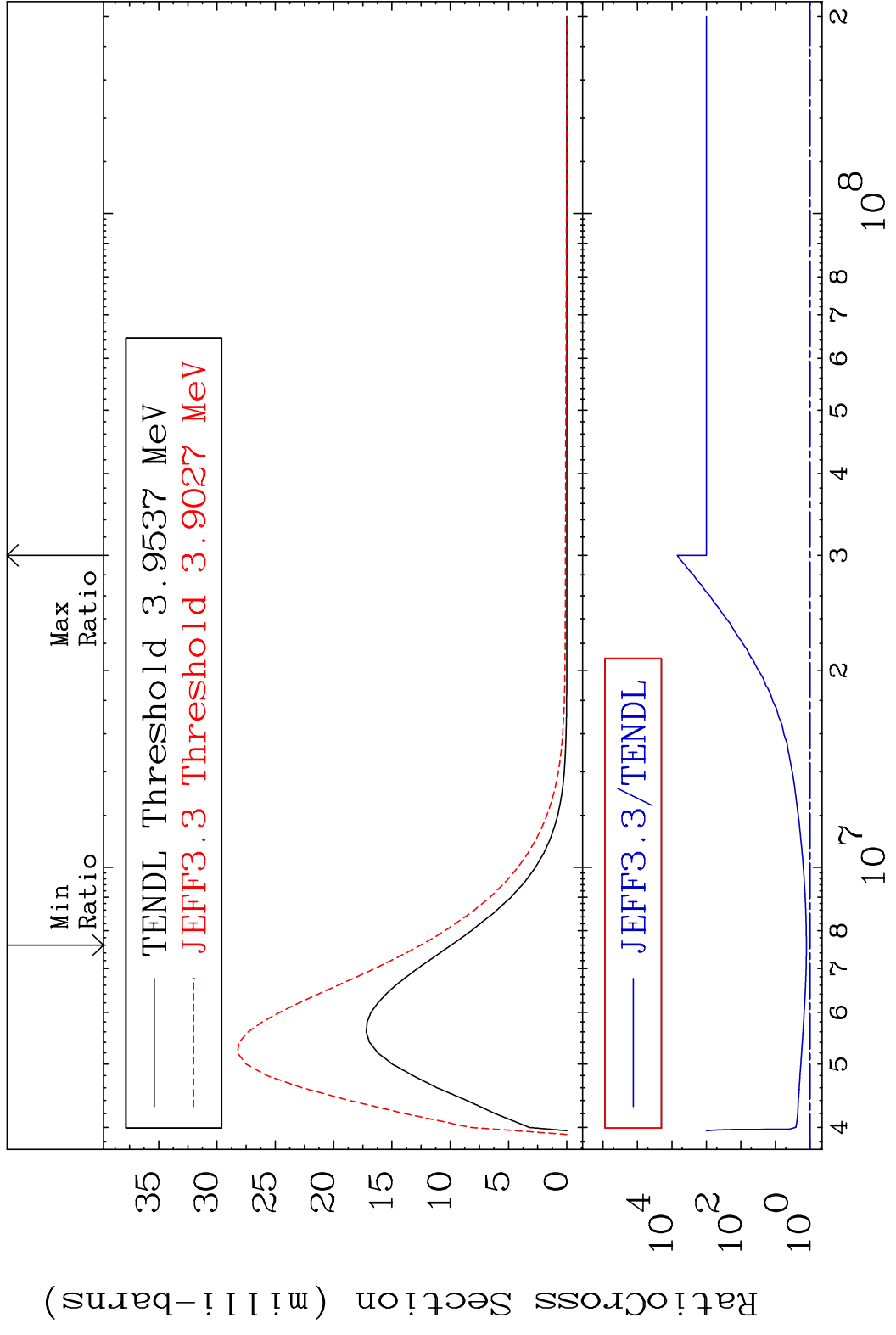
MAT 2425 MT= 63 (n, n') Level 24-Cr-50
 Cross Section -40.21 To 1871. %



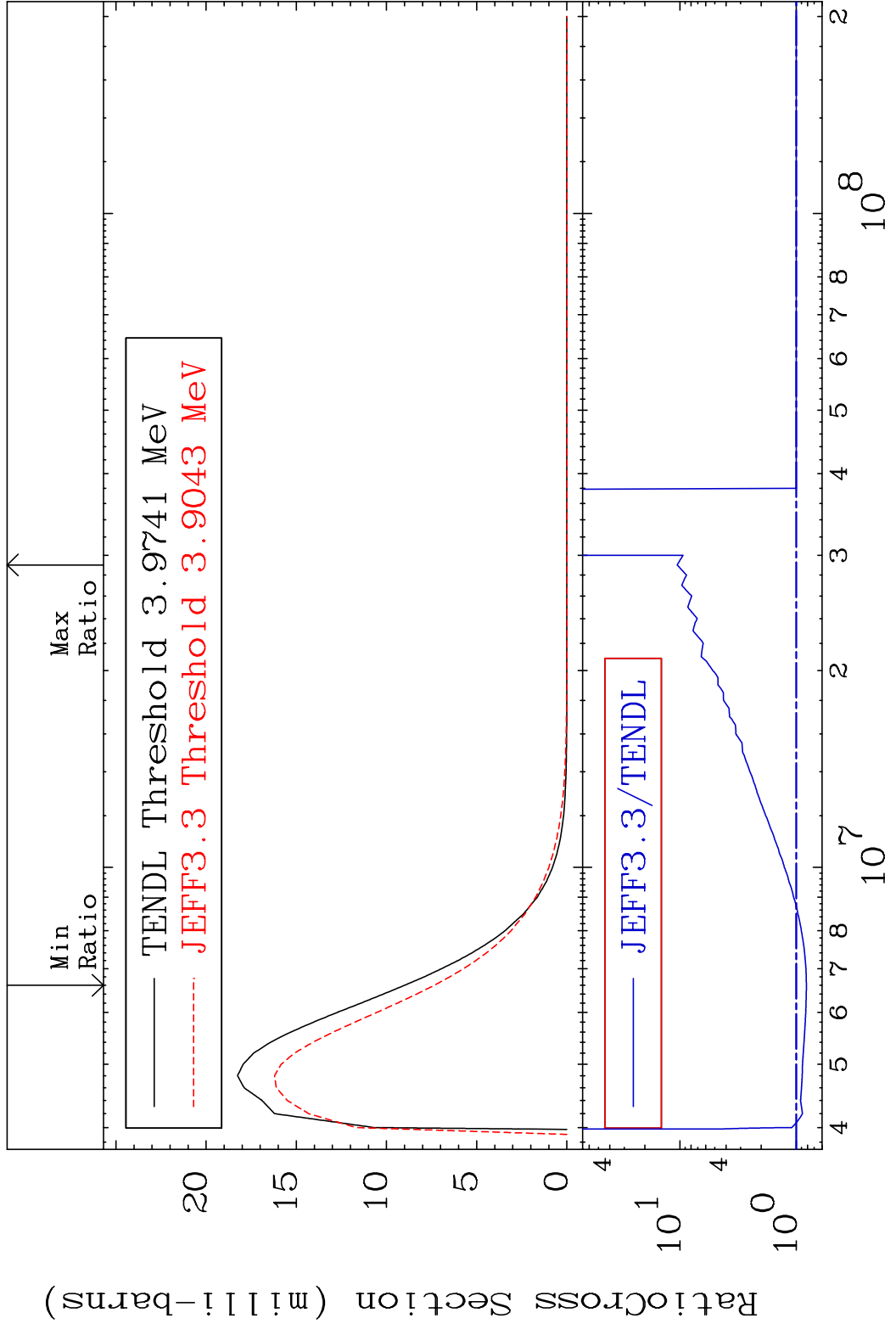
MAT 2425 MT= 64 (n, n') Level 24-Cr-50
 Cross Section -66.85 To 6657. %



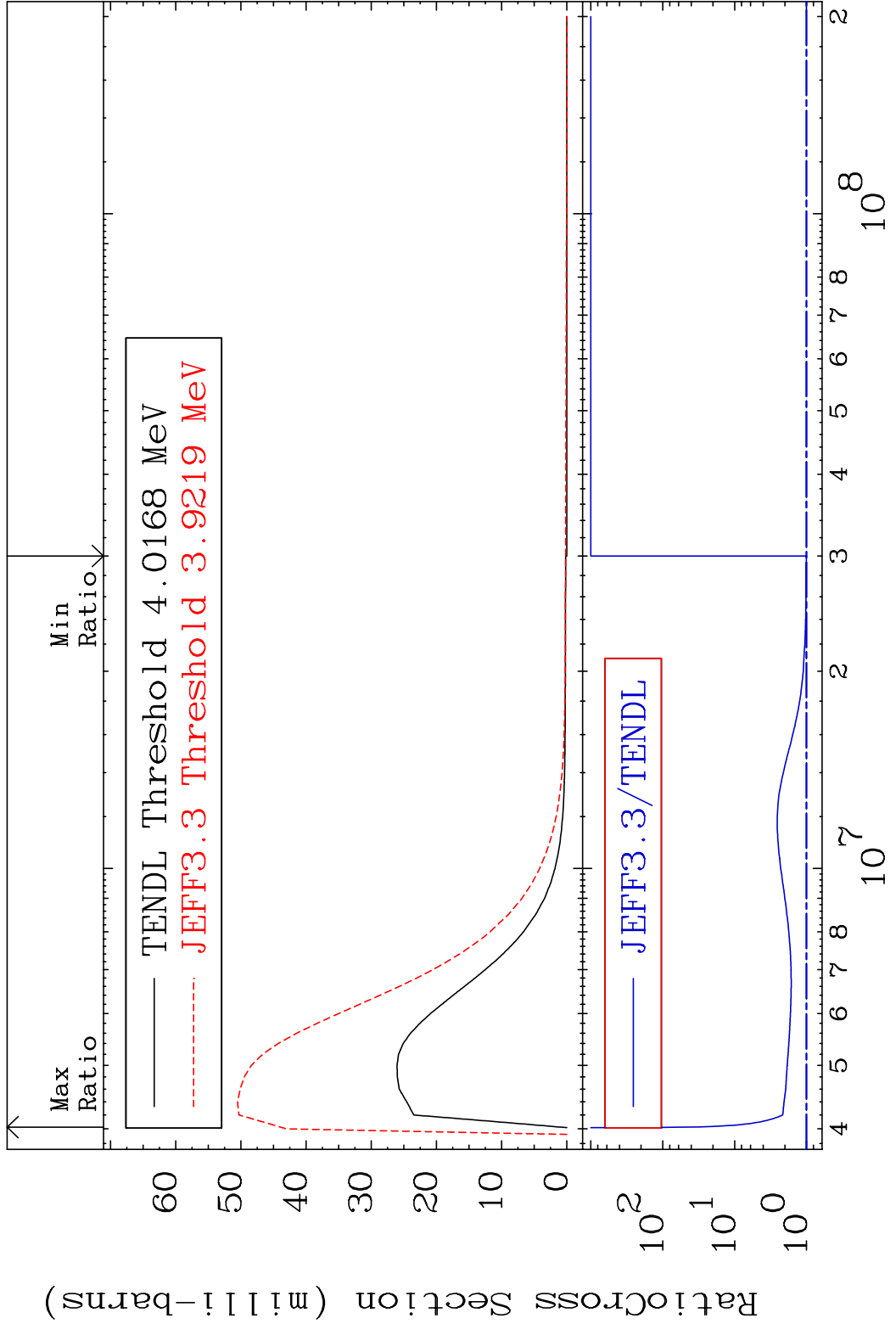
MAT 2425 MT= 65 (n, n') Level 24-Cr-50
 Cross Section 26.34 To 9999. %



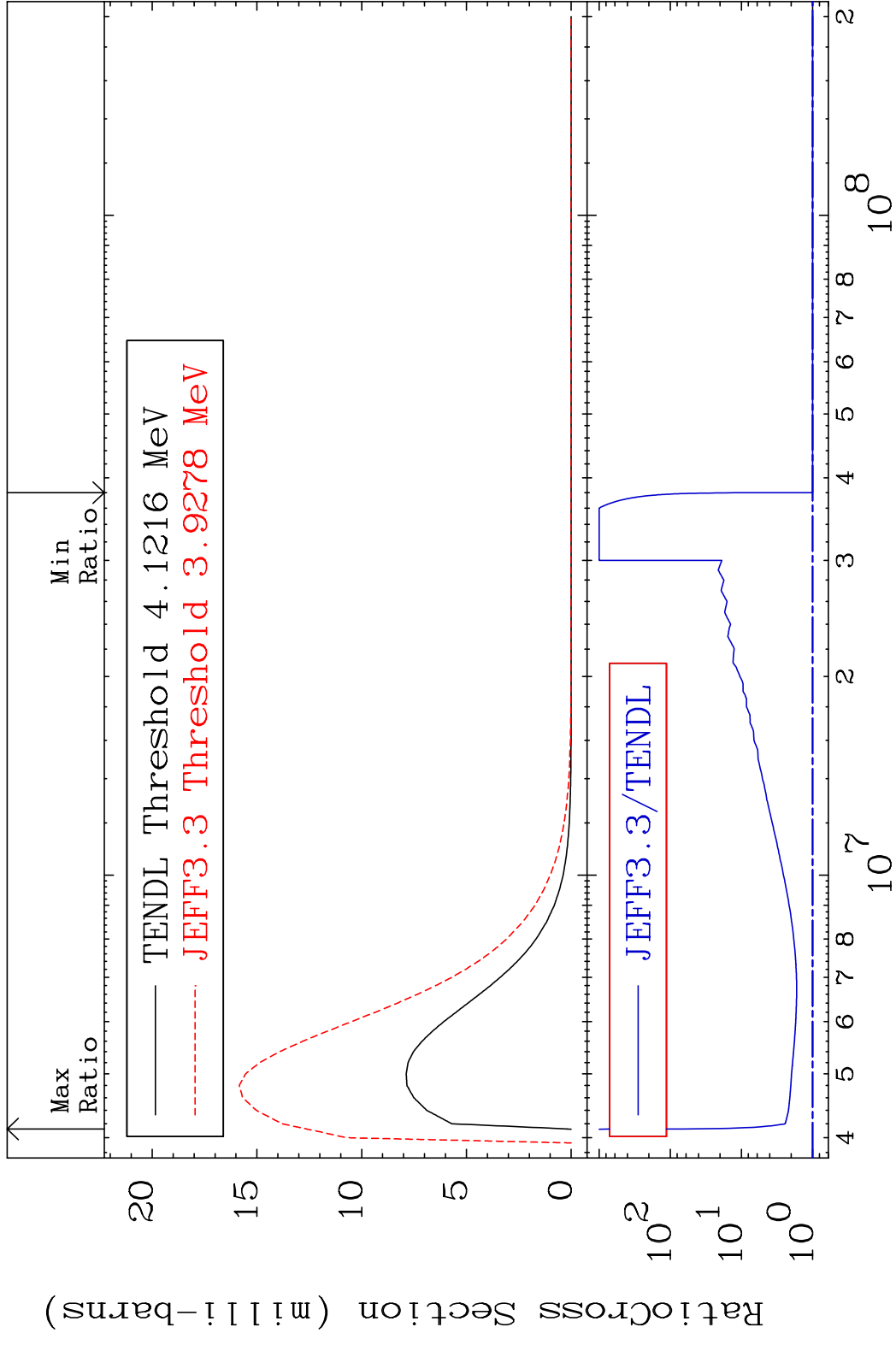
MAT 2425 MT= 66 (n, n') Level 24-Cr-50
 Cross Section -18.27 To 953.7 %



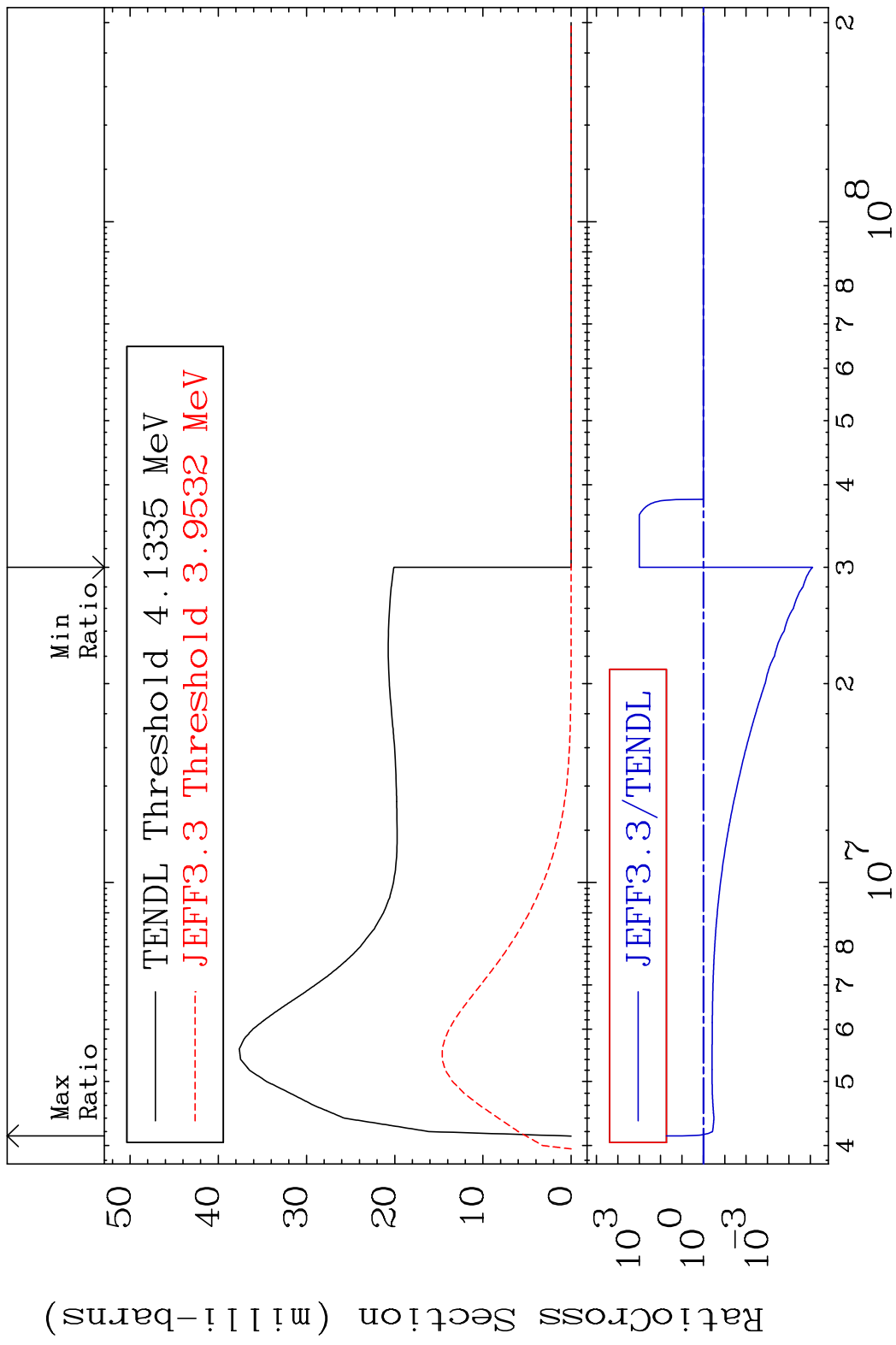
MAT 2425 MT= 67 (n, n') Level 24-Cr-50
 Cross Section 0.457 To 6191. %



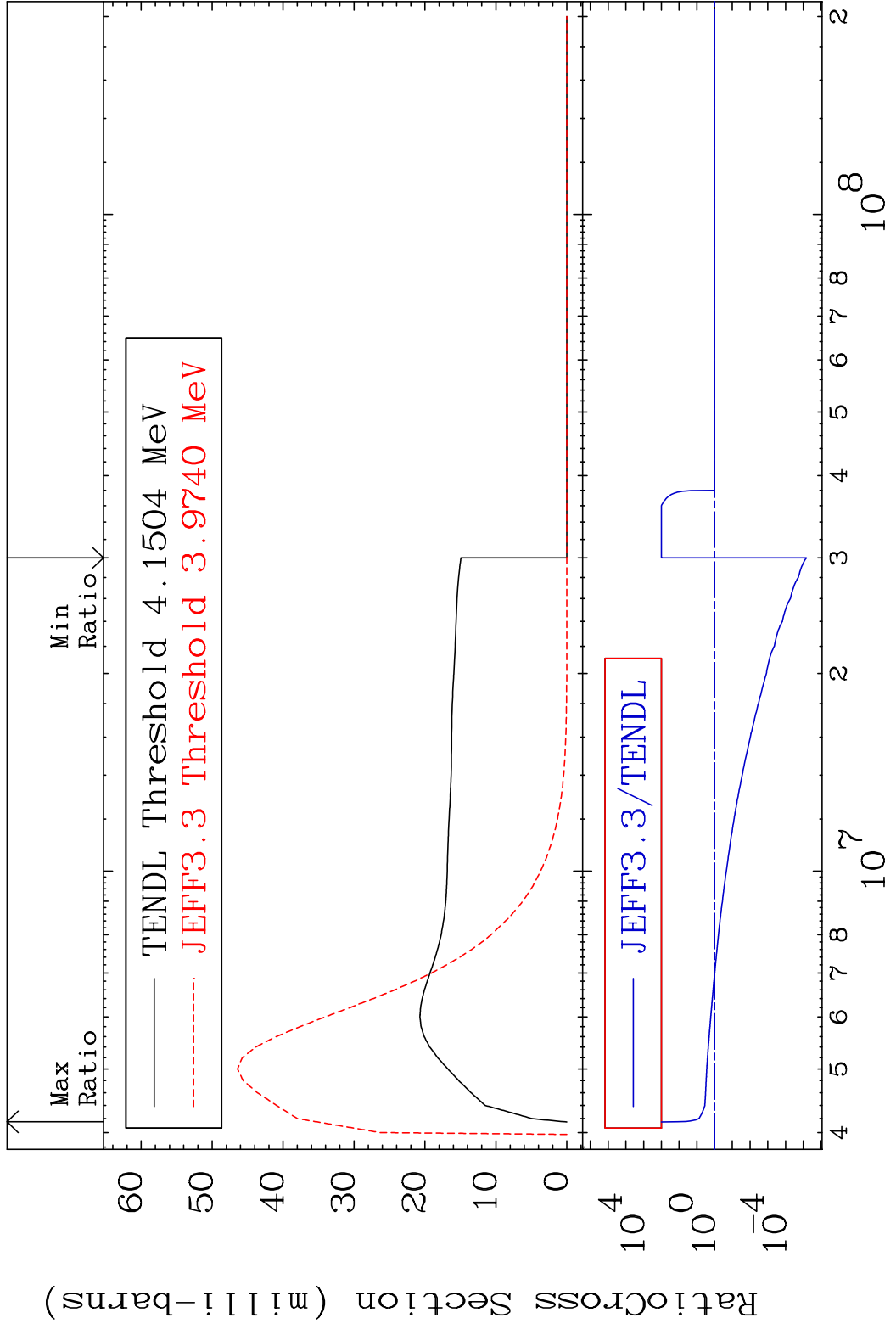
MAT 2425 MT= 68 (n, n') Level 24-Cr-50
 Cross Section 0.000 To 6655. %



MAT 2425 MT= 69 (n, n') Level 24-Cr-50
 Cross Section -100.0 To 859.5 %



MAT 2425 MT= 70 (n,n') Level 24-Cr-50
 Cross Section -100.0 To 9999. %

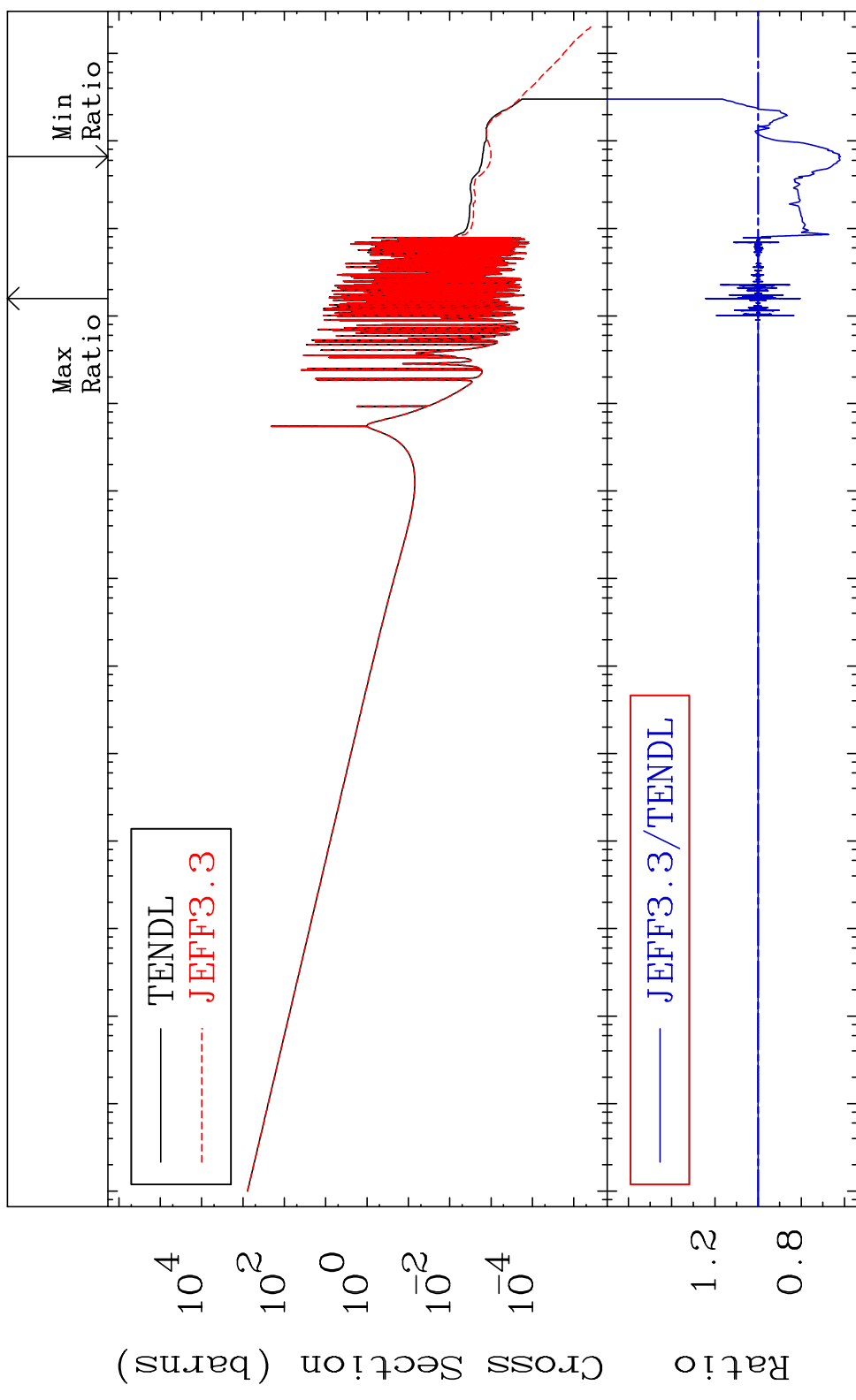


MAT 2425

(n, γ)

24-Cr-50

Cross Section -38.15 To 24.23 %

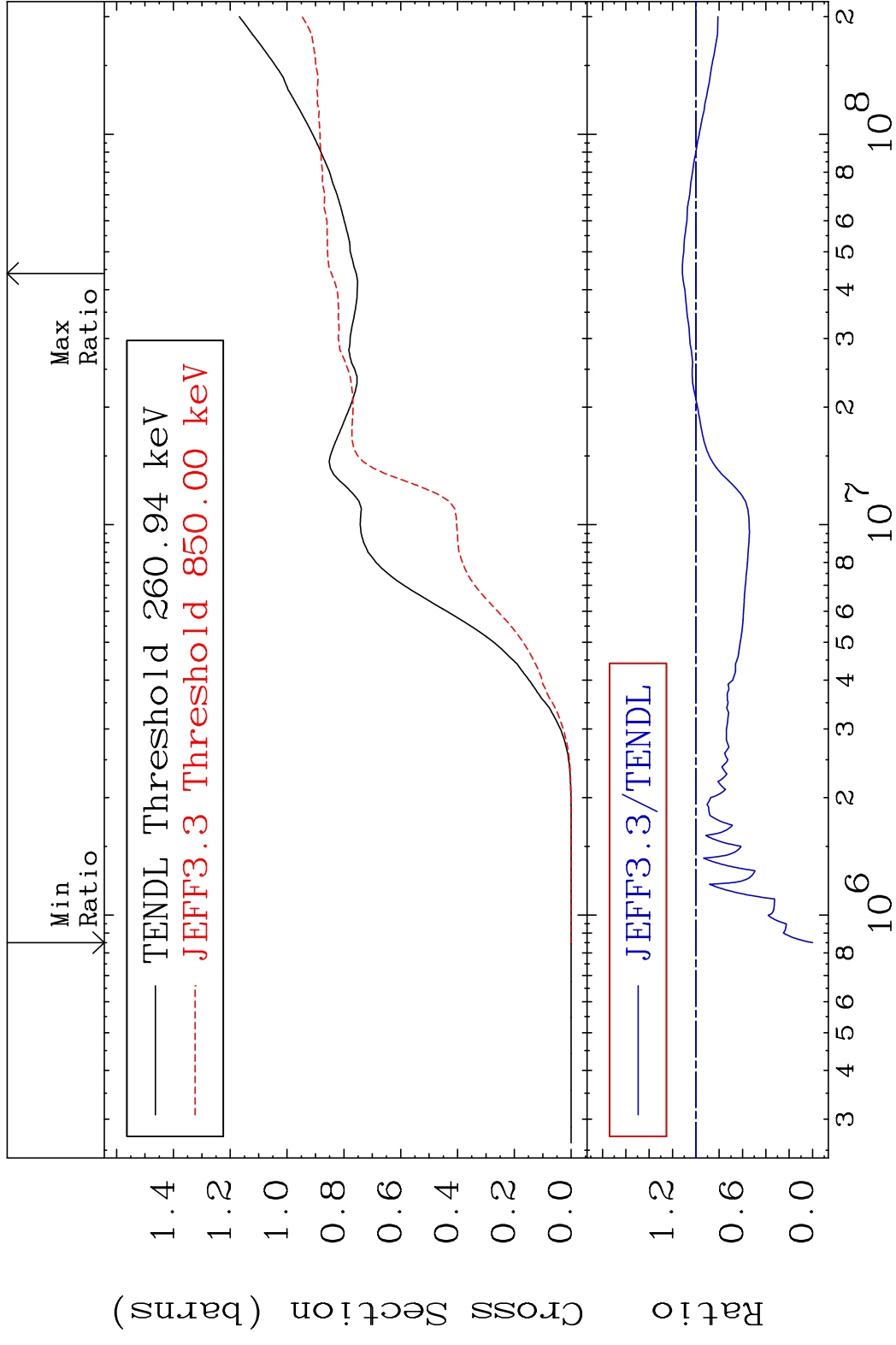


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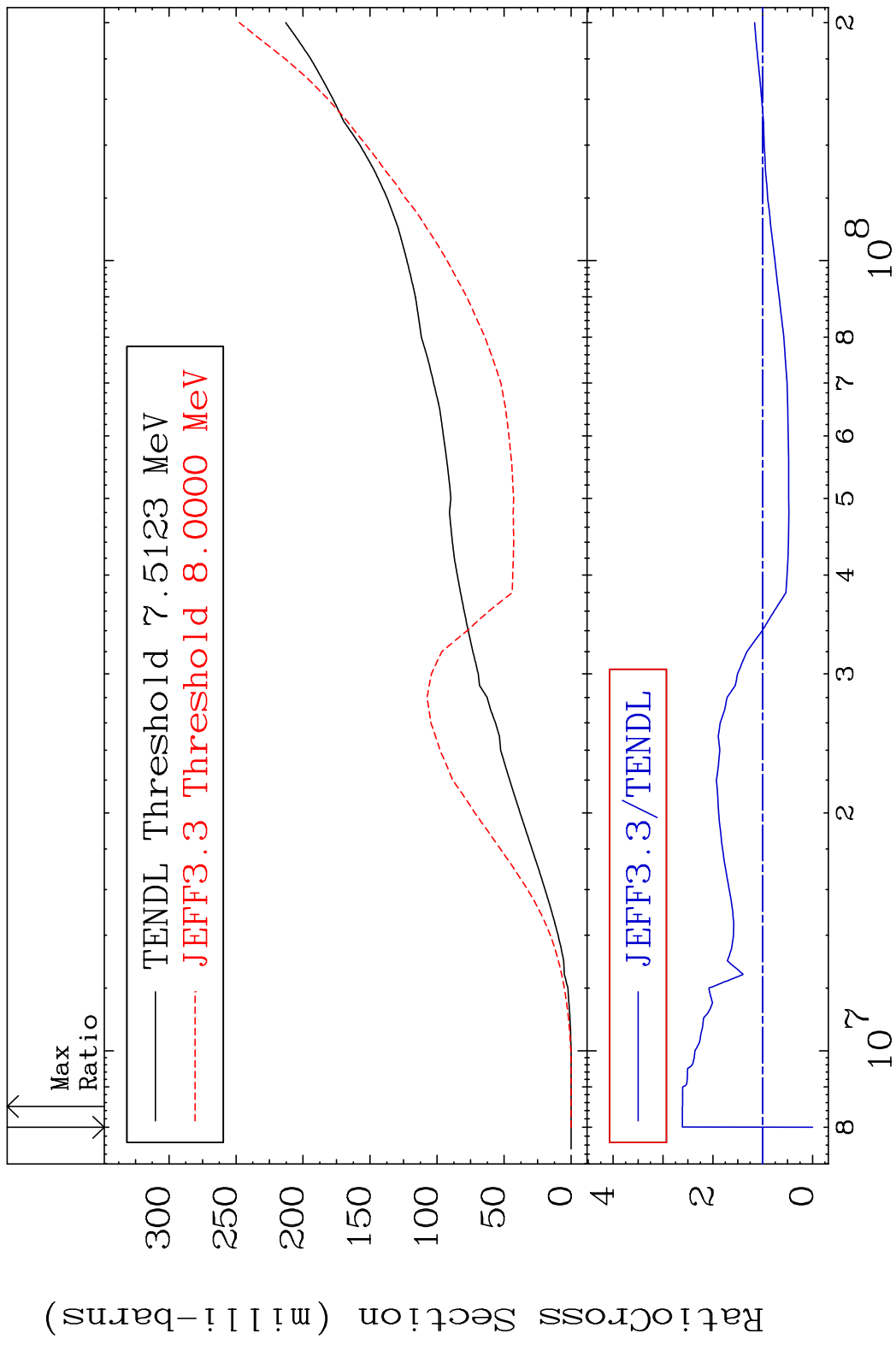
Incident Energy (eV)

24-Cr-50

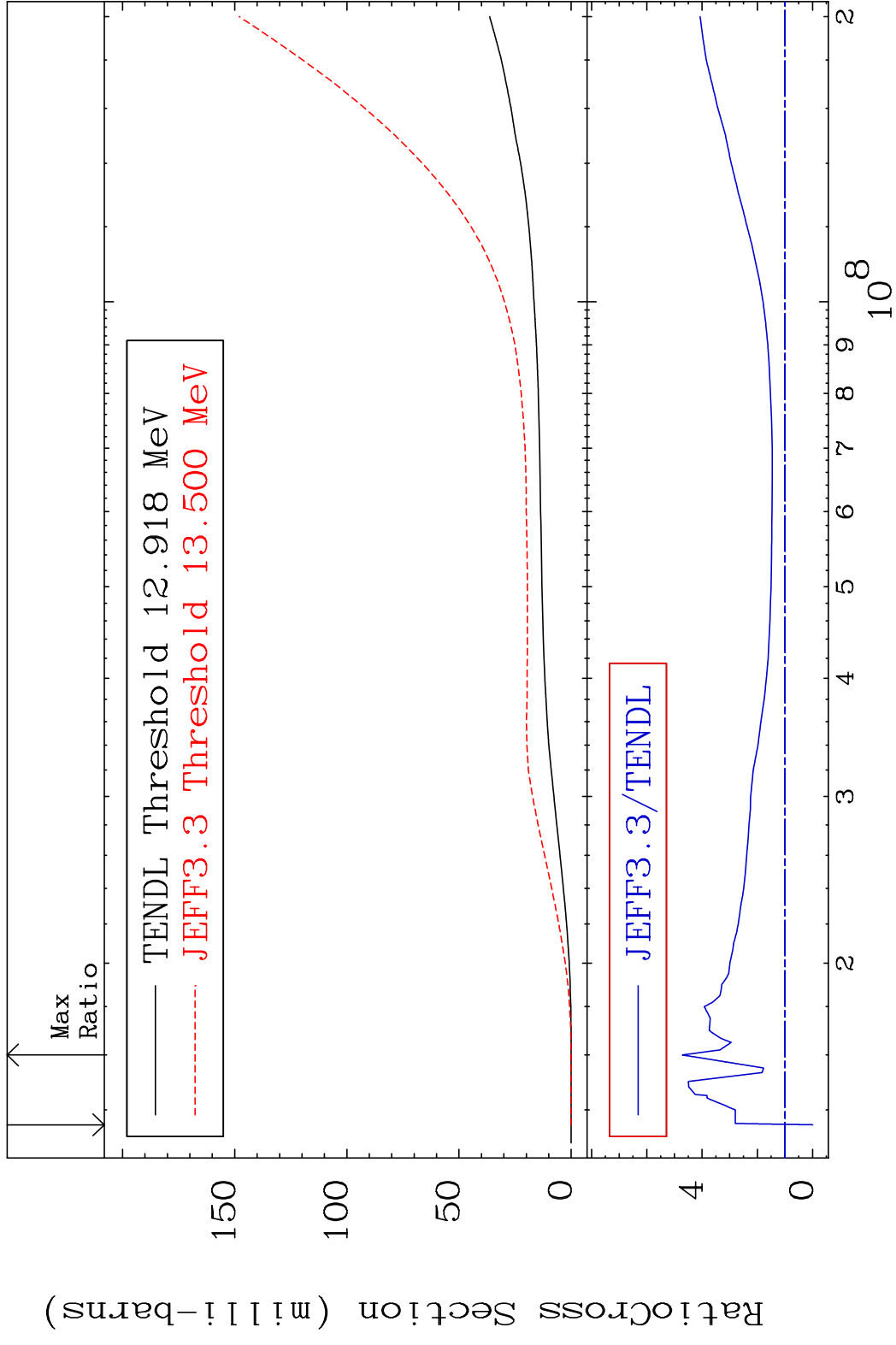
MAT 2425 Hydrogen Production $^{24}\text{Cr-50}$
 Cross Section -100.0 To 11.56 %



MAT 2425 Deuterium Production ²⁴Cr-50
 Cross Section -100.0 To 161.1 %



MAT 2425 Tritium Production $^{24}\text{Cr-50}$
 Cross Section -100.0 To 371.3 %

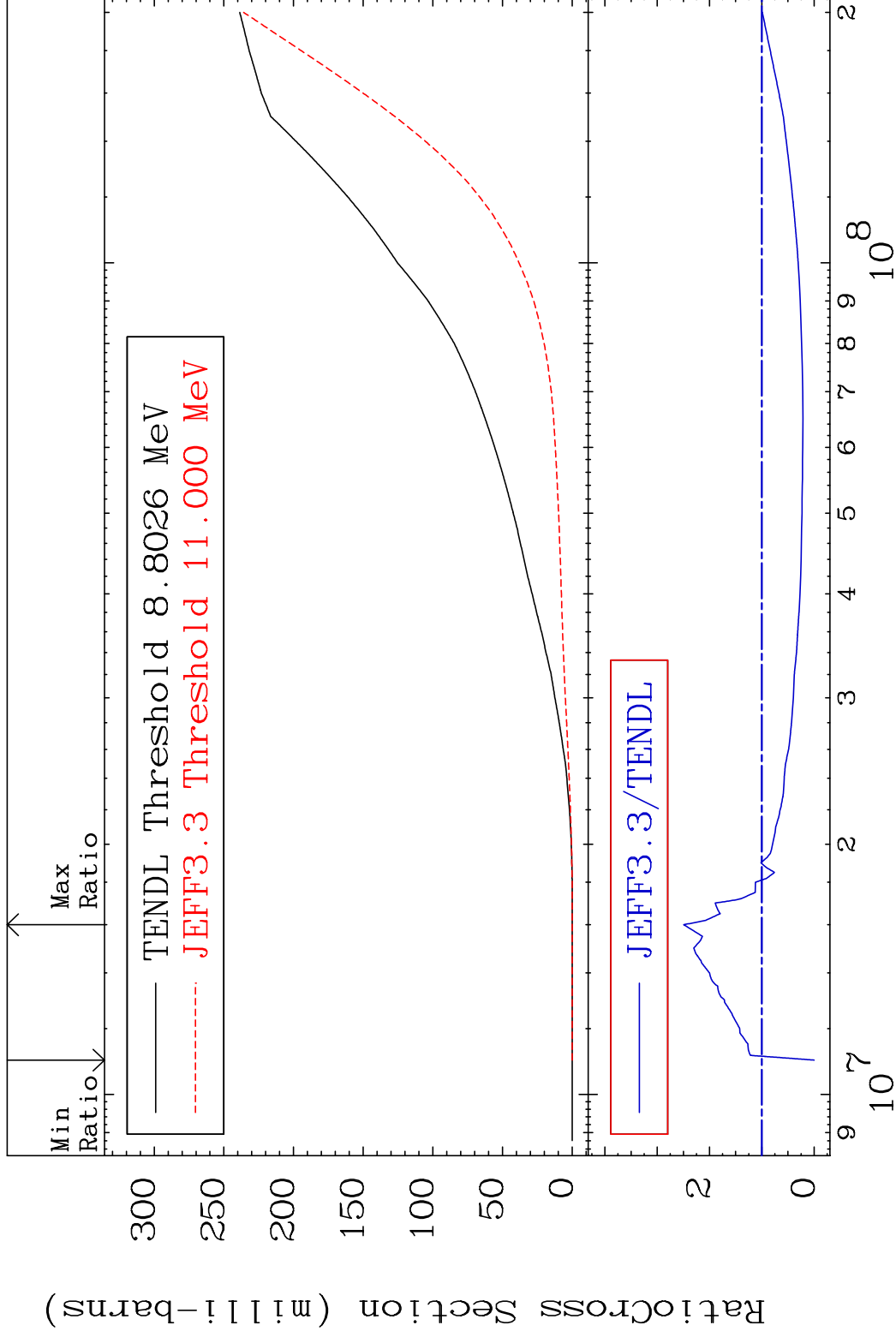


MAT 2425

He-3 Production

²⁴Cr-50

Cross Section -100.0 To 149.4 %



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Incident Energy (eV)

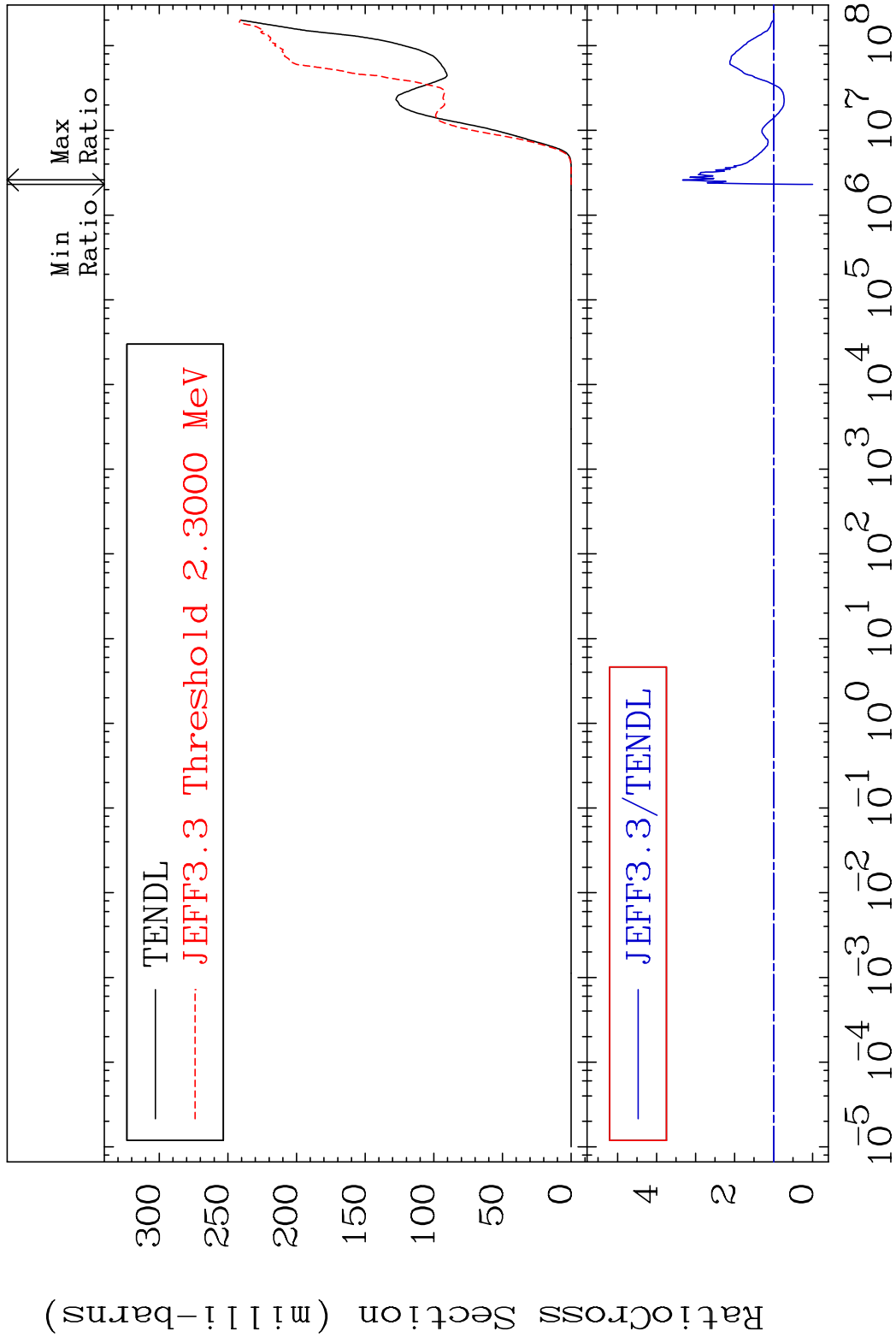
²⁴Cr-50

MAT 2425

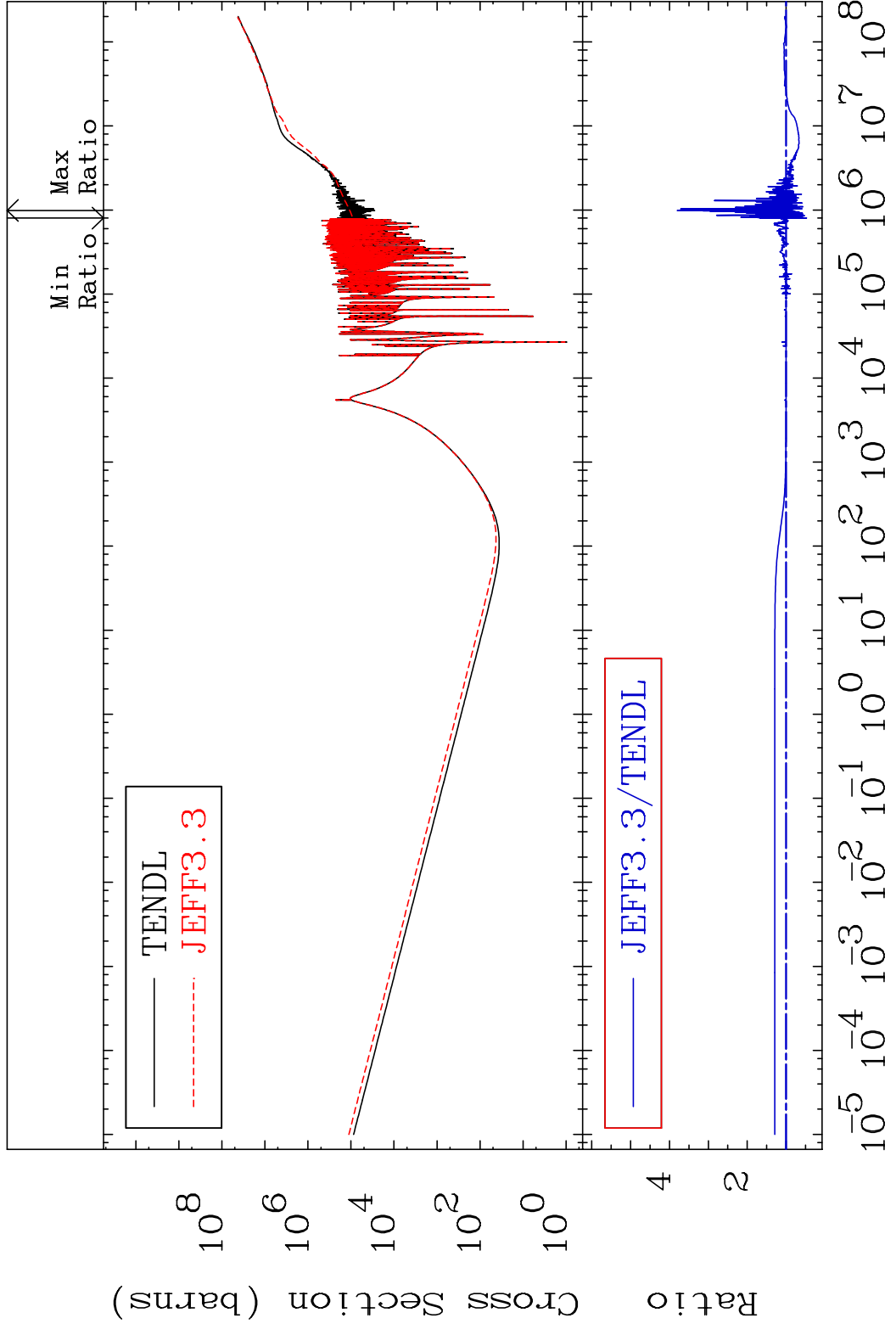
He-4 Production

24-Cr-50

Cross Section -100.0 To 233.9 %



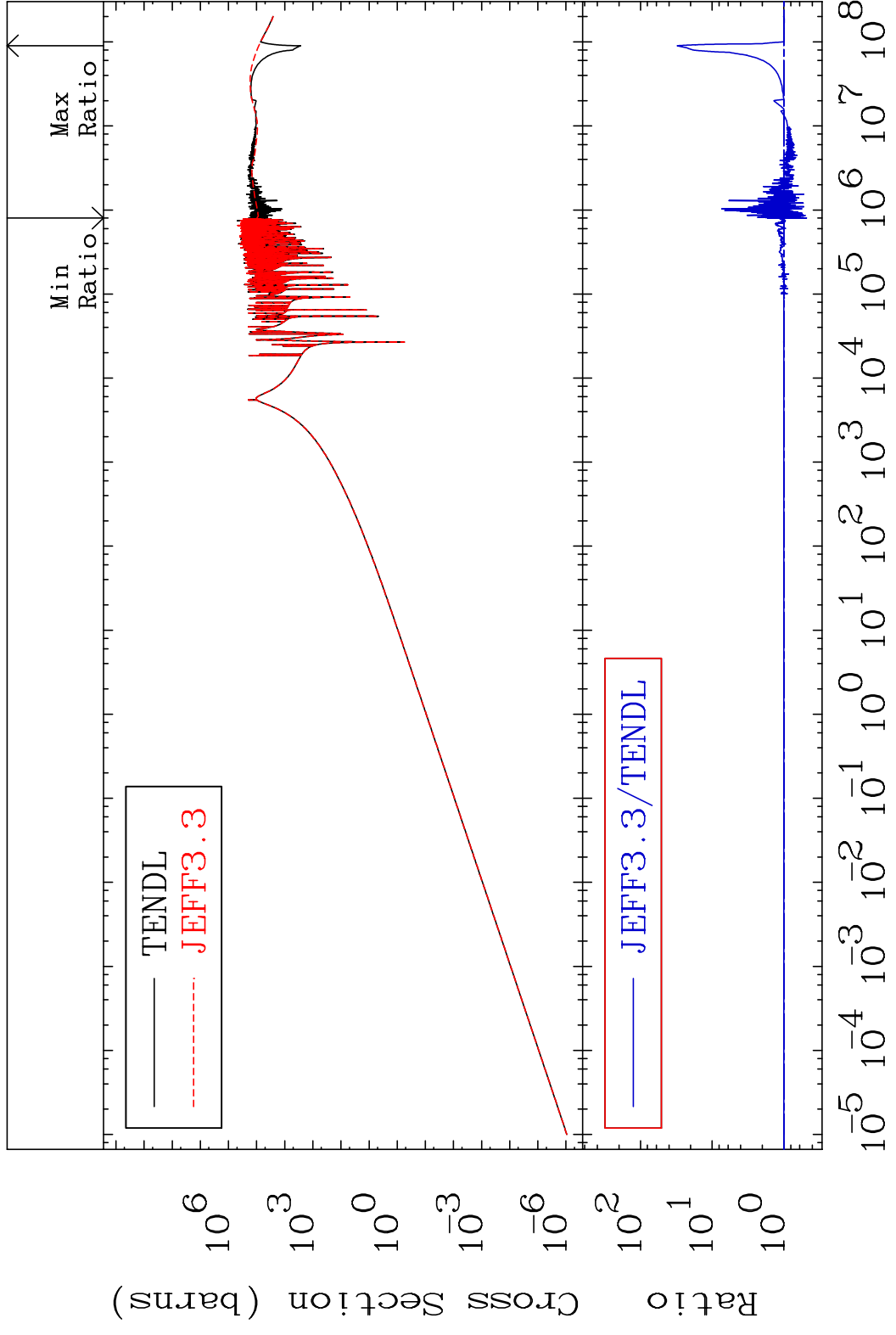
MAT 2425 Kerma total (eV-barns) 24-Cr-50
 Cross Section -52.20 To 280.2 %



MAT 2425

Kerma elastic
Cross Section

24-Cr-50
-51.64 To 2977. %

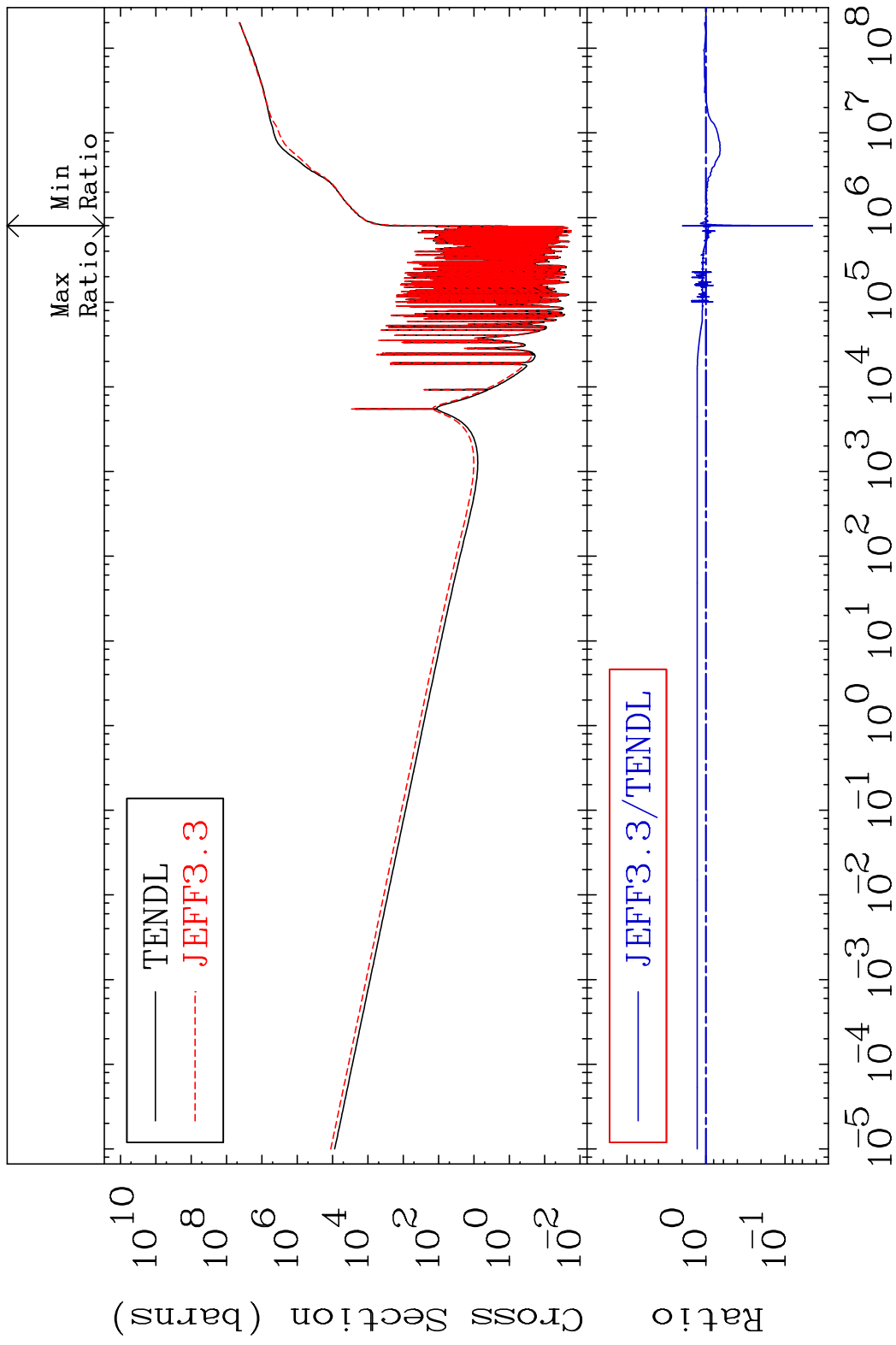


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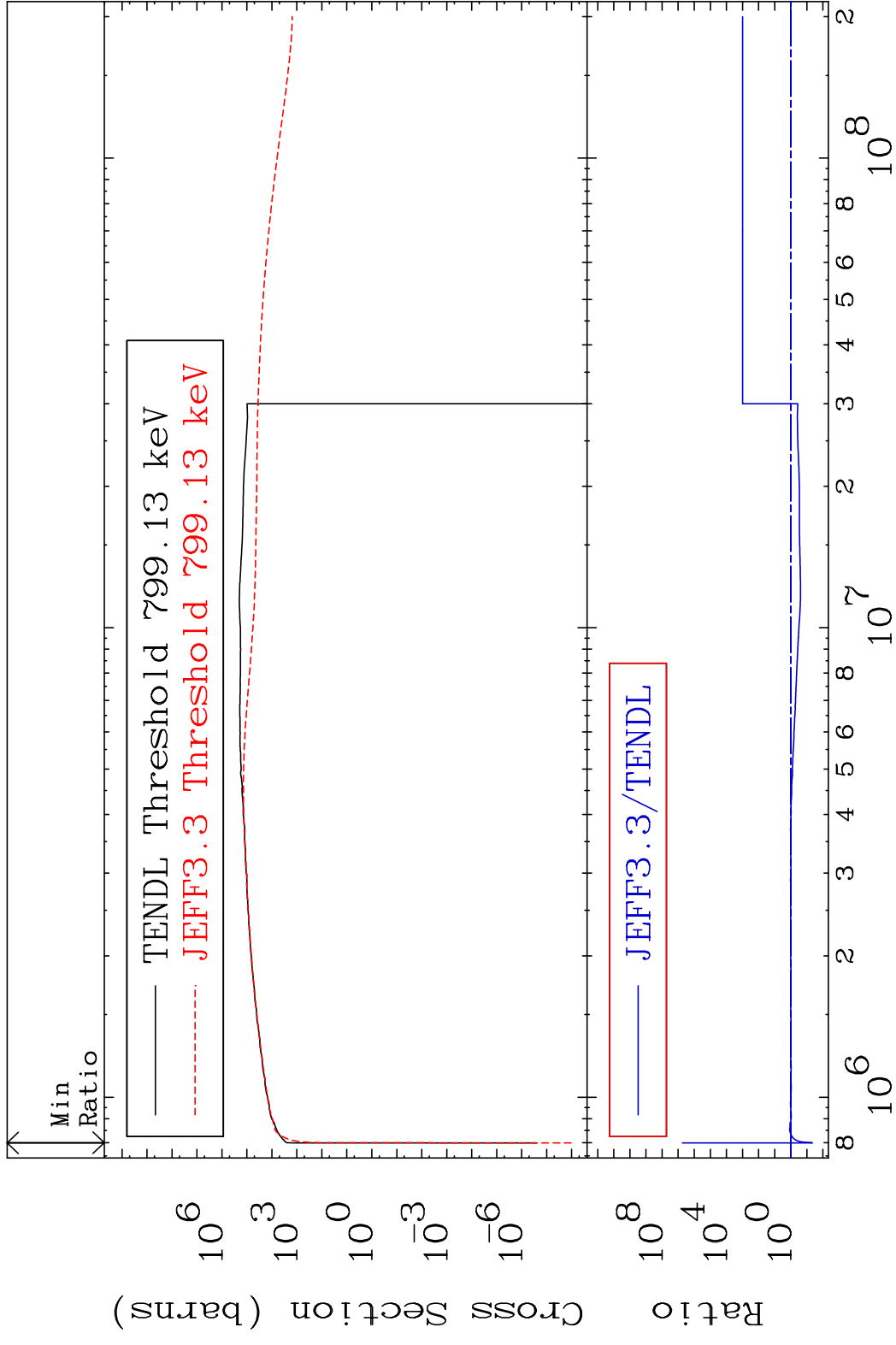
Incident Energy (eV)

24-Cr-50

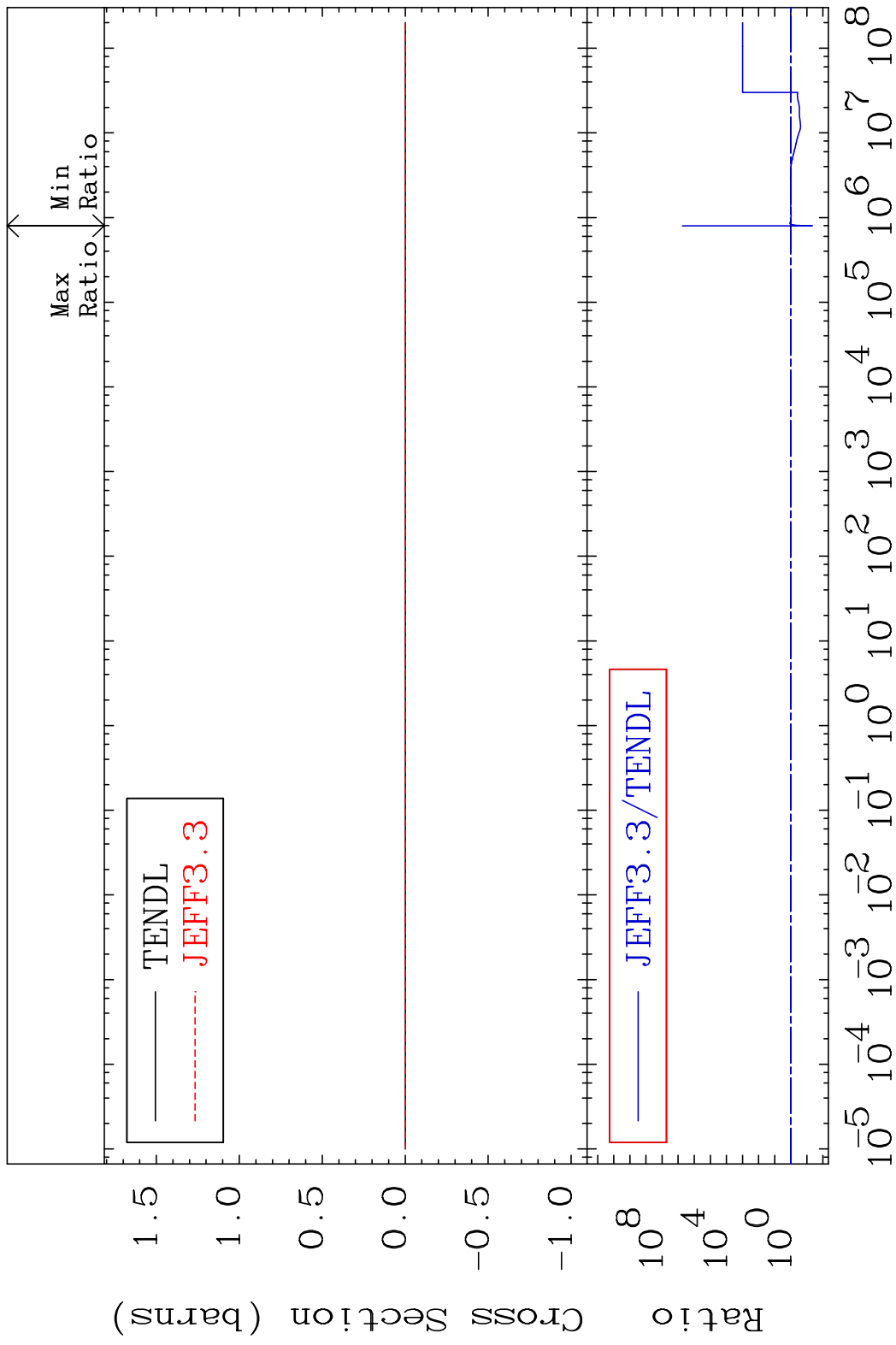
MAT 2425 Kerma non-elastic (all but mt2) 24-Cr-50
 Cross Section -95.53 To 98.95 %



MAT 2425 Kerma inelastic (mt51-91) 24-Cr-50
 Cross Section -95.58 To 9999. %

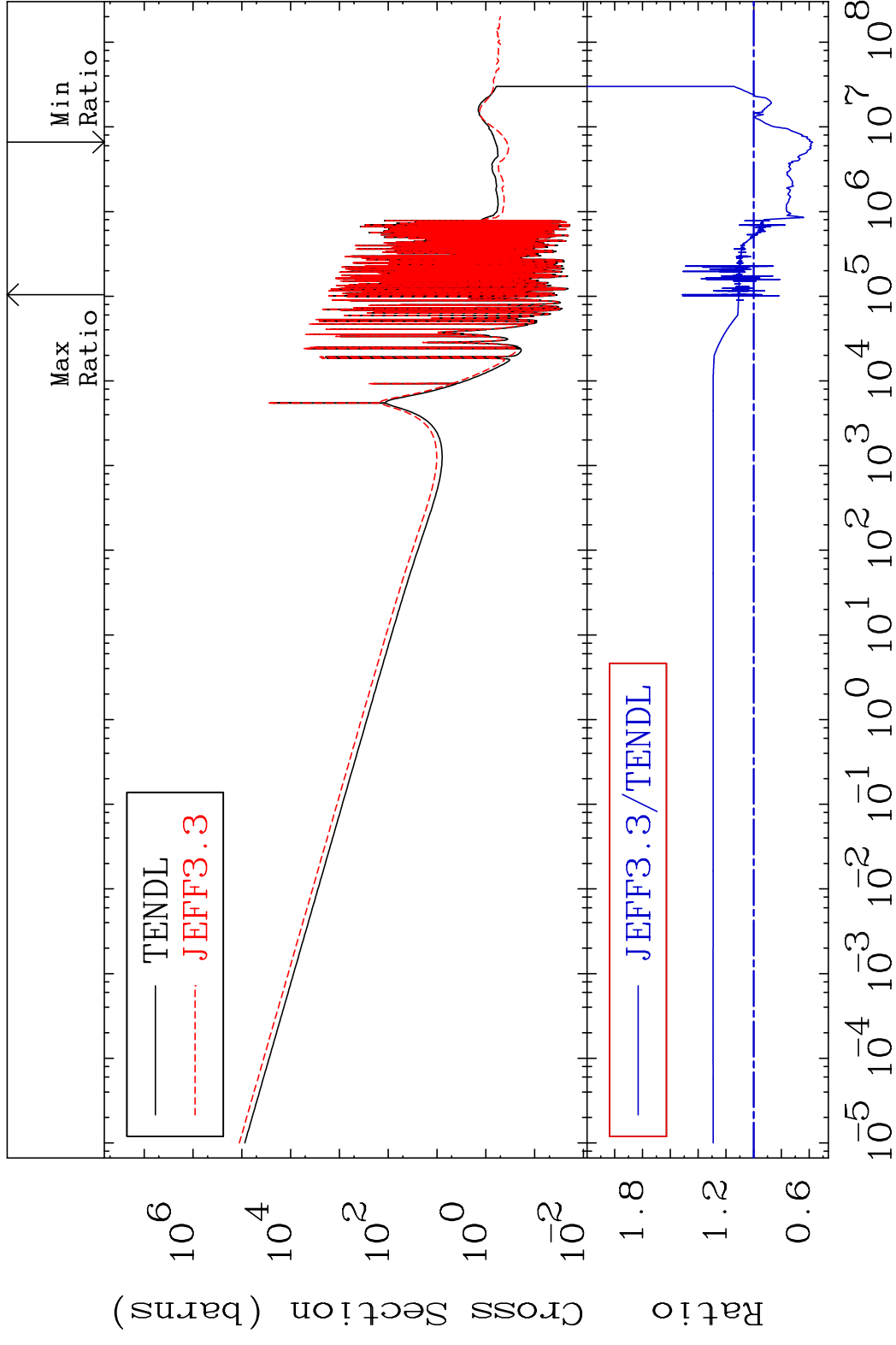


MAT 2425 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-50
 Cross Section -95.58 To 9999. %



MAT 2425

Kerma capture (mt102) 24-Cr-50
Cross Section -42.40 To 51.33 %

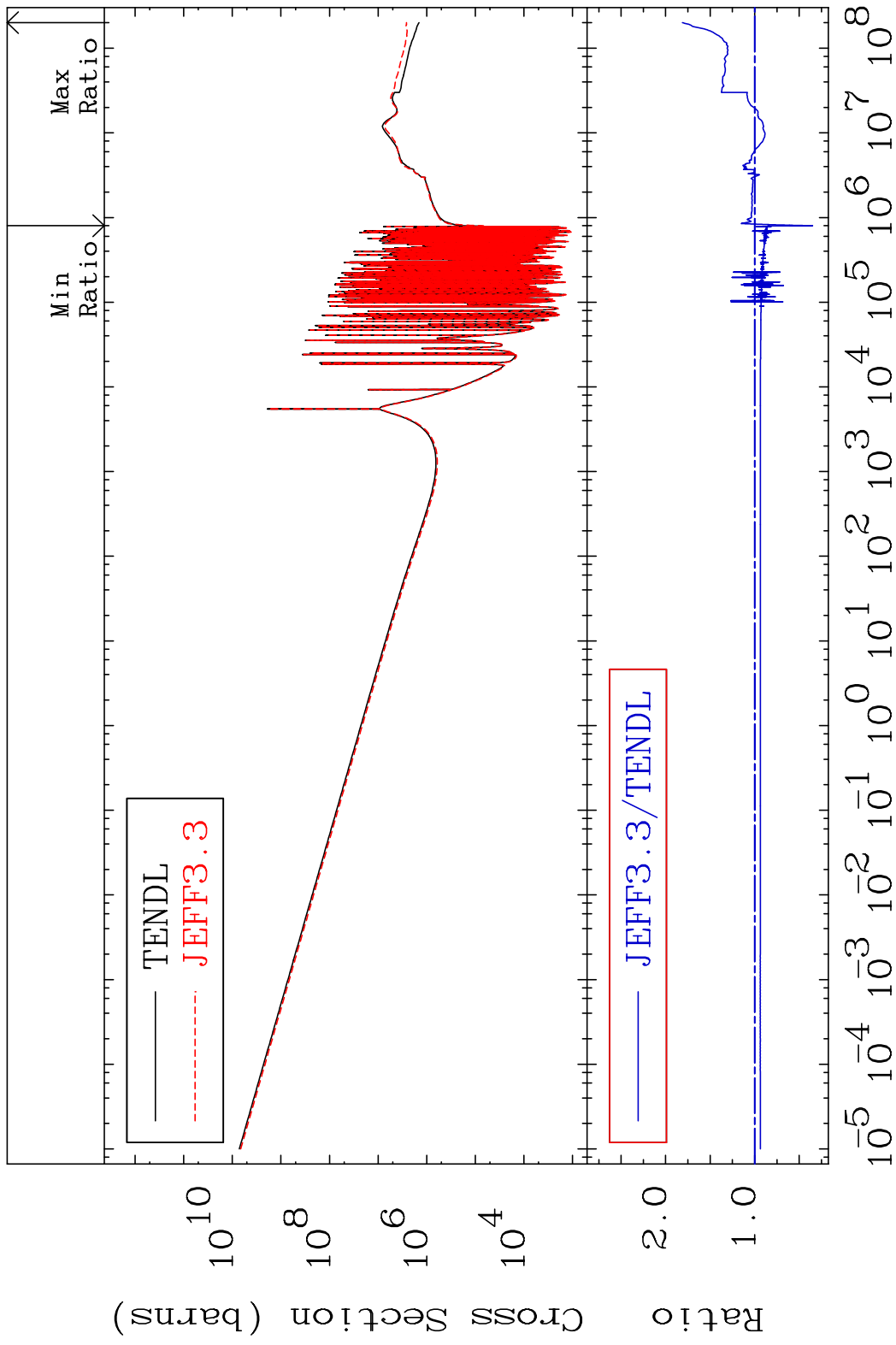


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Incident Energy (eV)

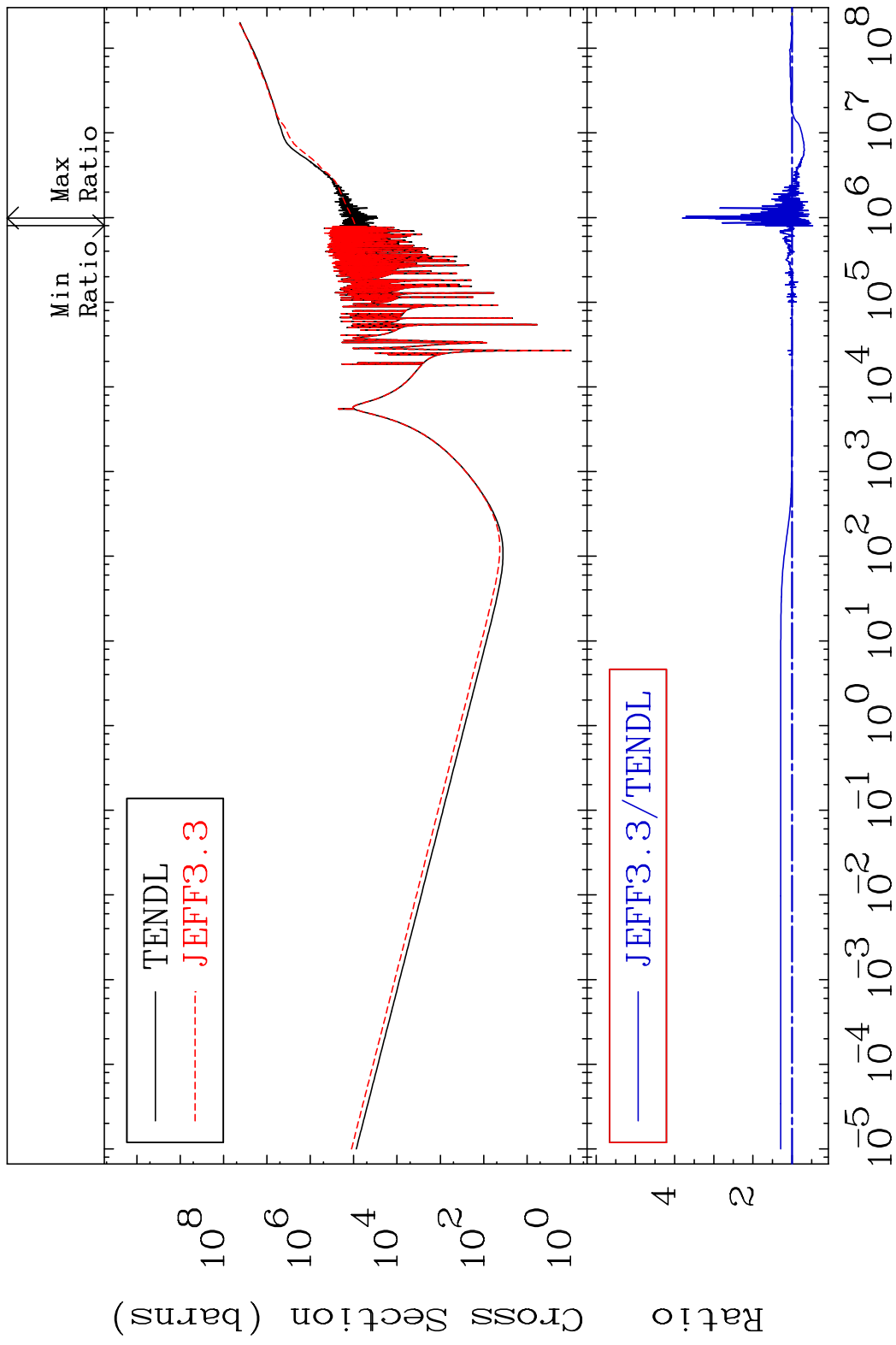
24-Cr-50

MAT 2425 Total photon (eV-barns) 24-Cr-50
 Cross Section -65.01 To 81.21 %



37 Incident Energy (eV) 24-Cr-50

MAT 2425 Total kinematic kerma (high limit) 24-Cr-50
 Cross Section -52.20 To 280.2 %

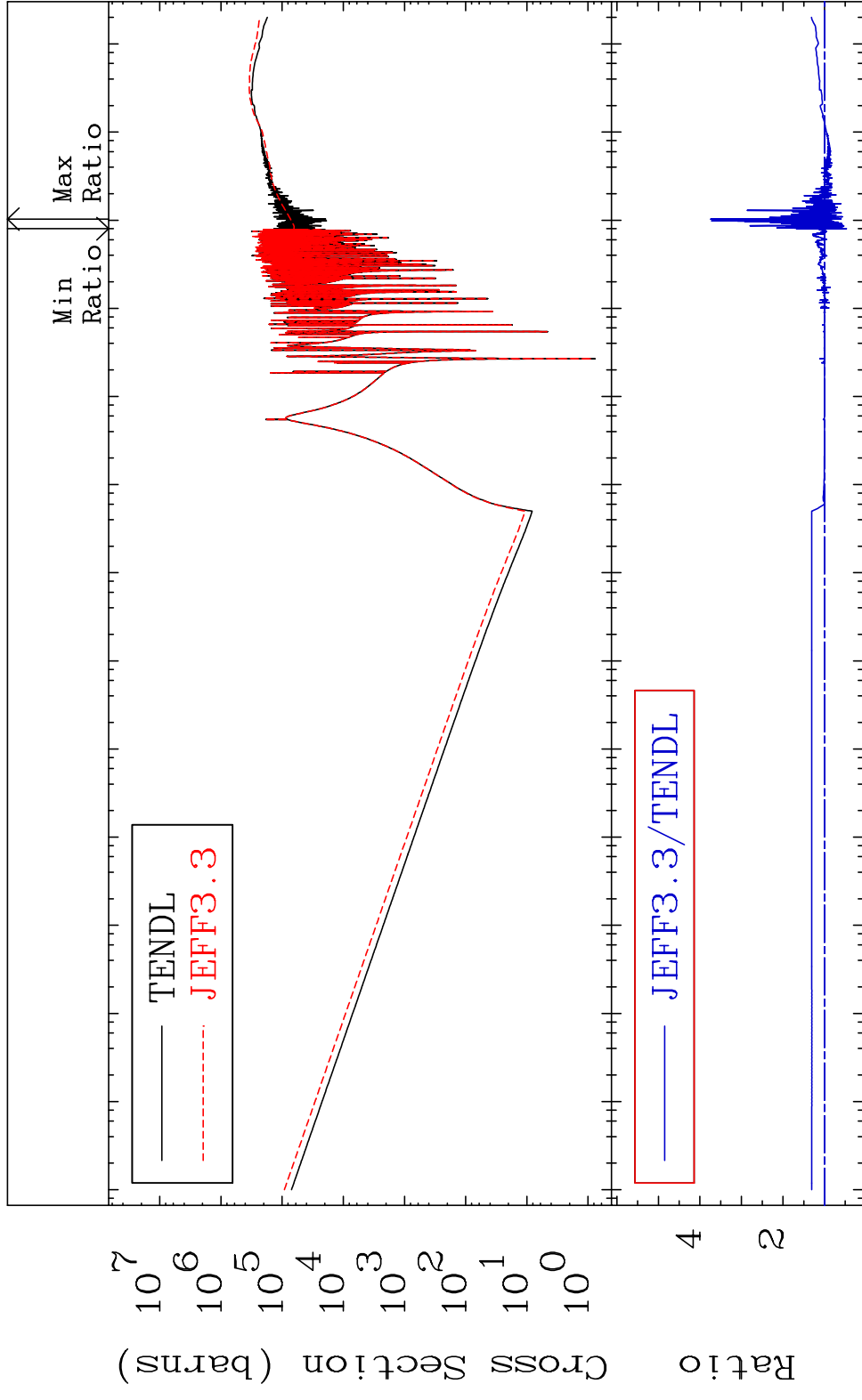


MAT 2425

Dpa total (eV-barns)

24-Cr-50

Cross Section -52.53 To 274.0 %



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Incident Energy (eV)

24-Cr-50

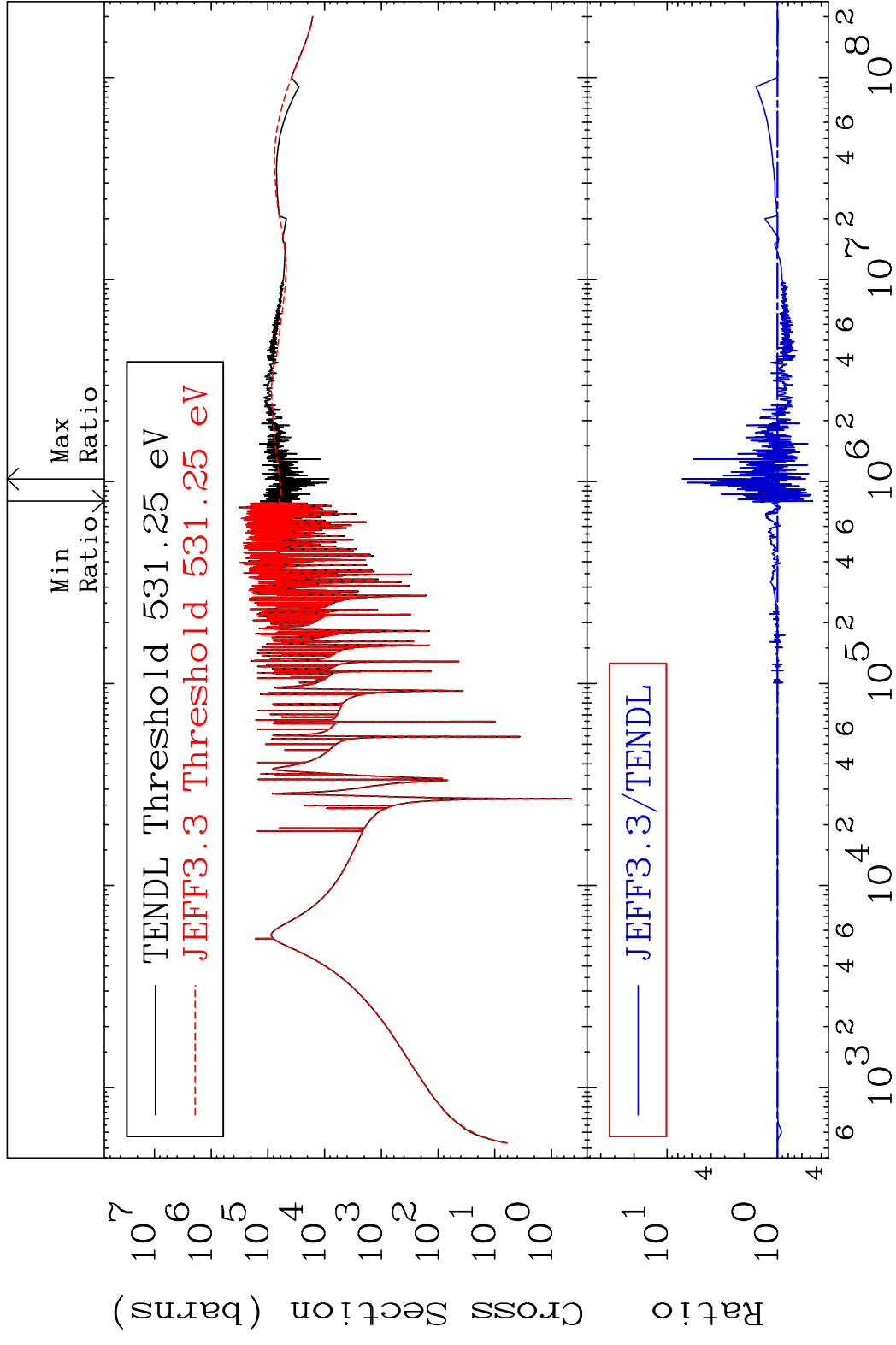
MAT 2425

Dpa elastic (mt2)

24-Cr-50

Cross Section

-51.93 To 628.6 %

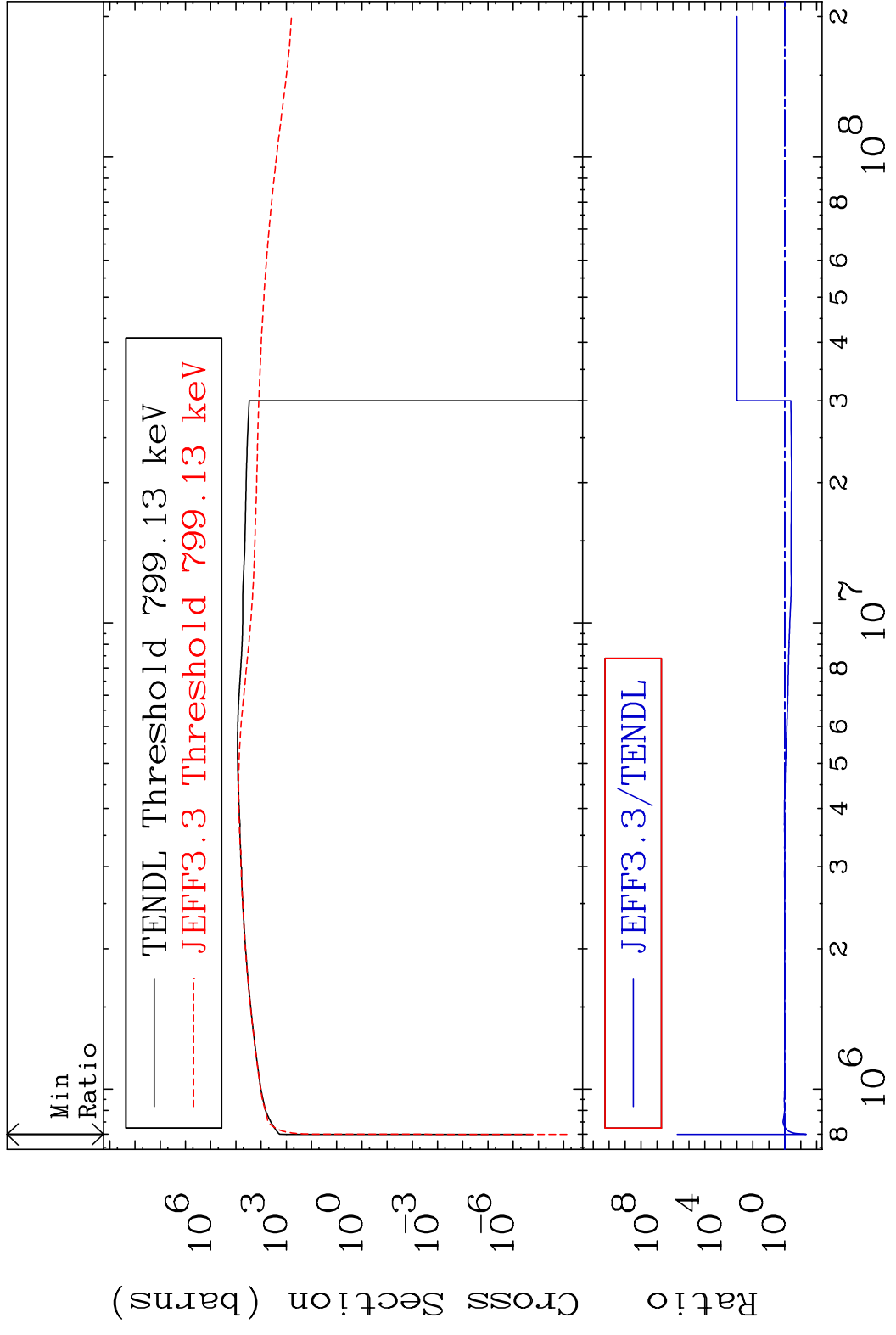


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Incident Energy (eV)

24-Cr-50

MAT 2425 Dpa inelastic (mt51-91) 24-Cr-50
 Cross Section -95.59 To 9999. %



MAT 2425 Dpa disappearance (mt102 -120) 24-Cr-50
 Cross Section -100.0 To 52.16 %

