

Program Complot
(Version 2021-1)

by

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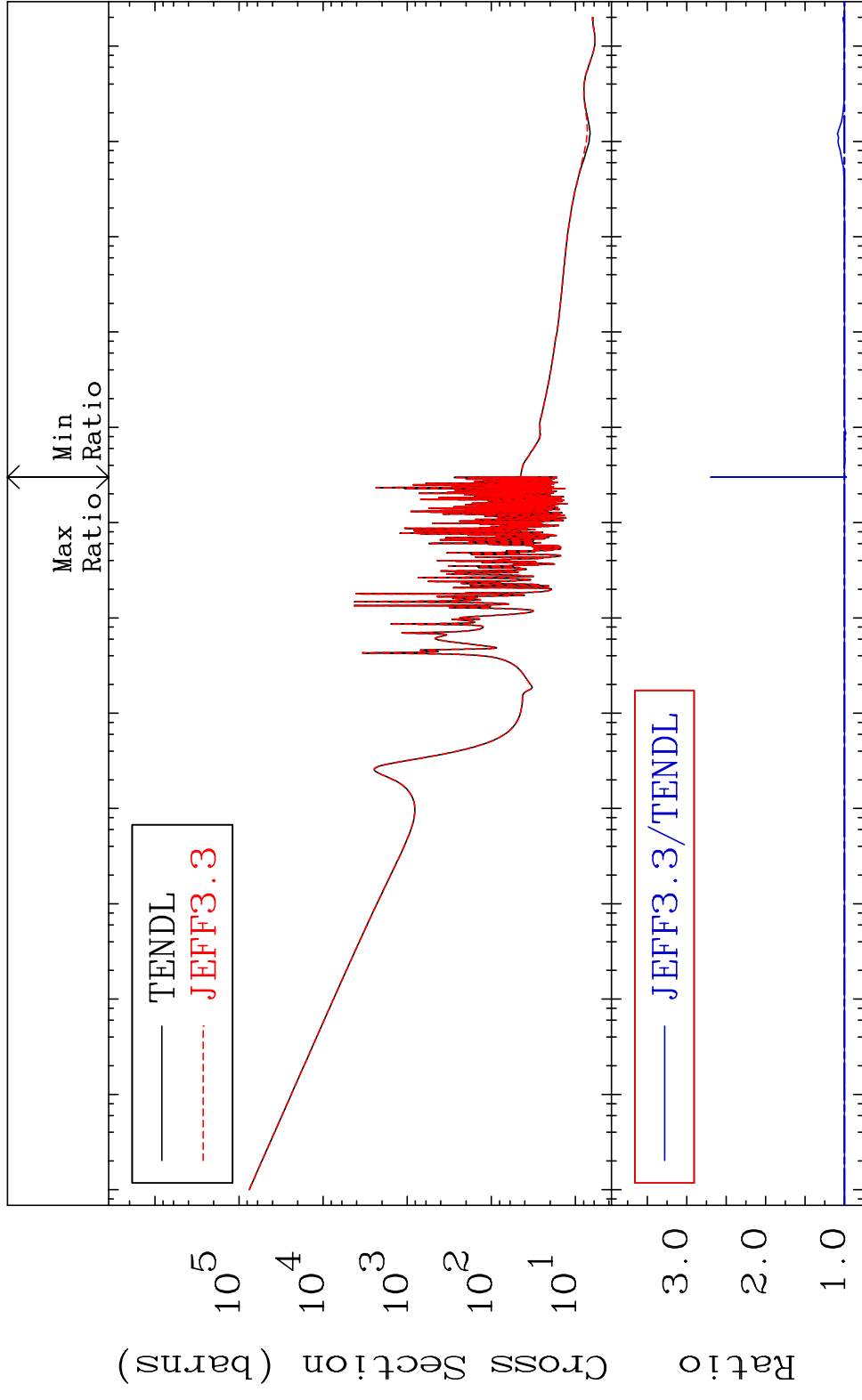
Press Mouse Button to Start

MAT 9443

Total

94-Pu-241

Cross Section -2.399 To 169.6 %



1

Incident Energy (eV)

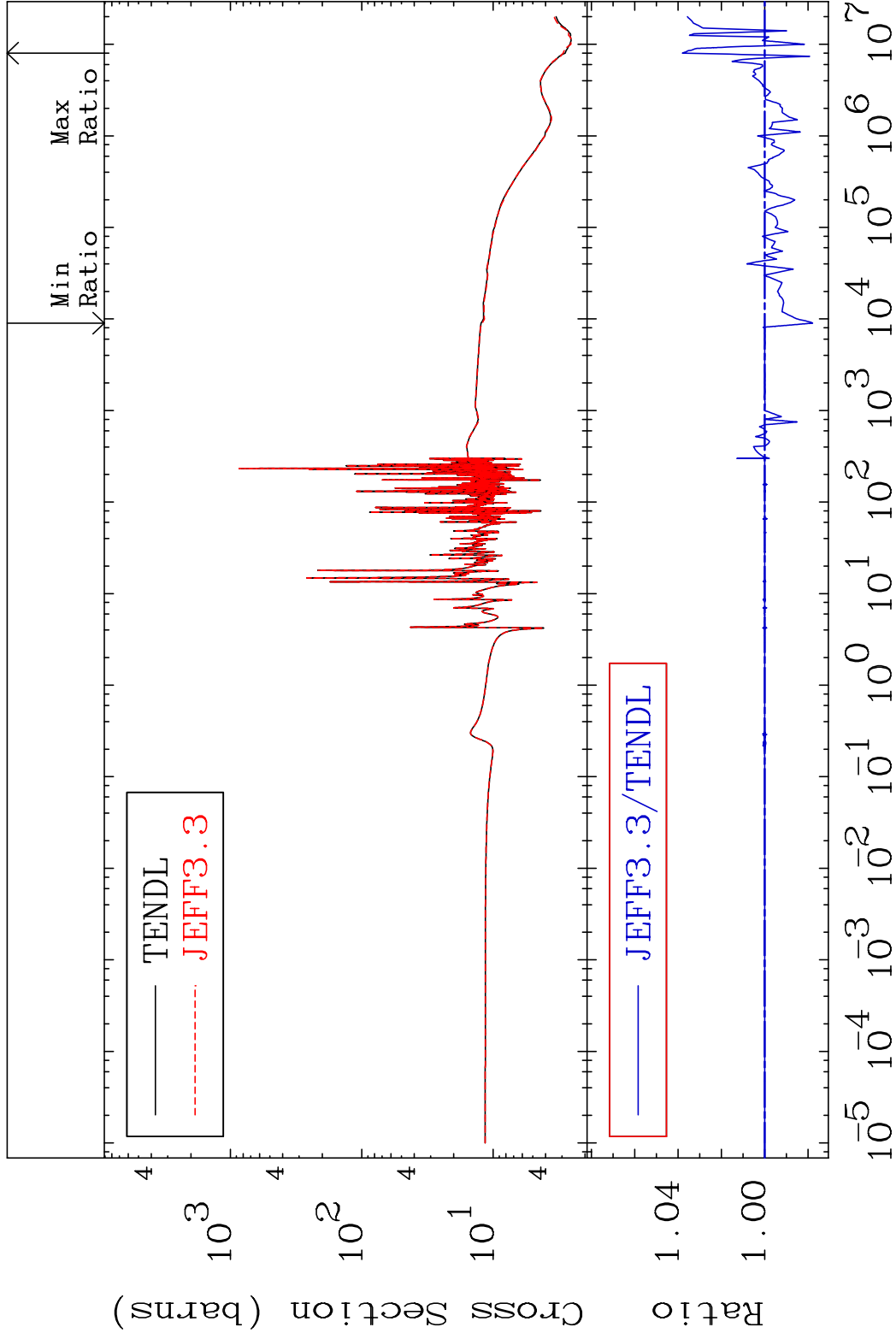
94-Pu-241

MAT 9443

Elastic

94-Pu-241

Cross Section -2.212 To 3.799 %

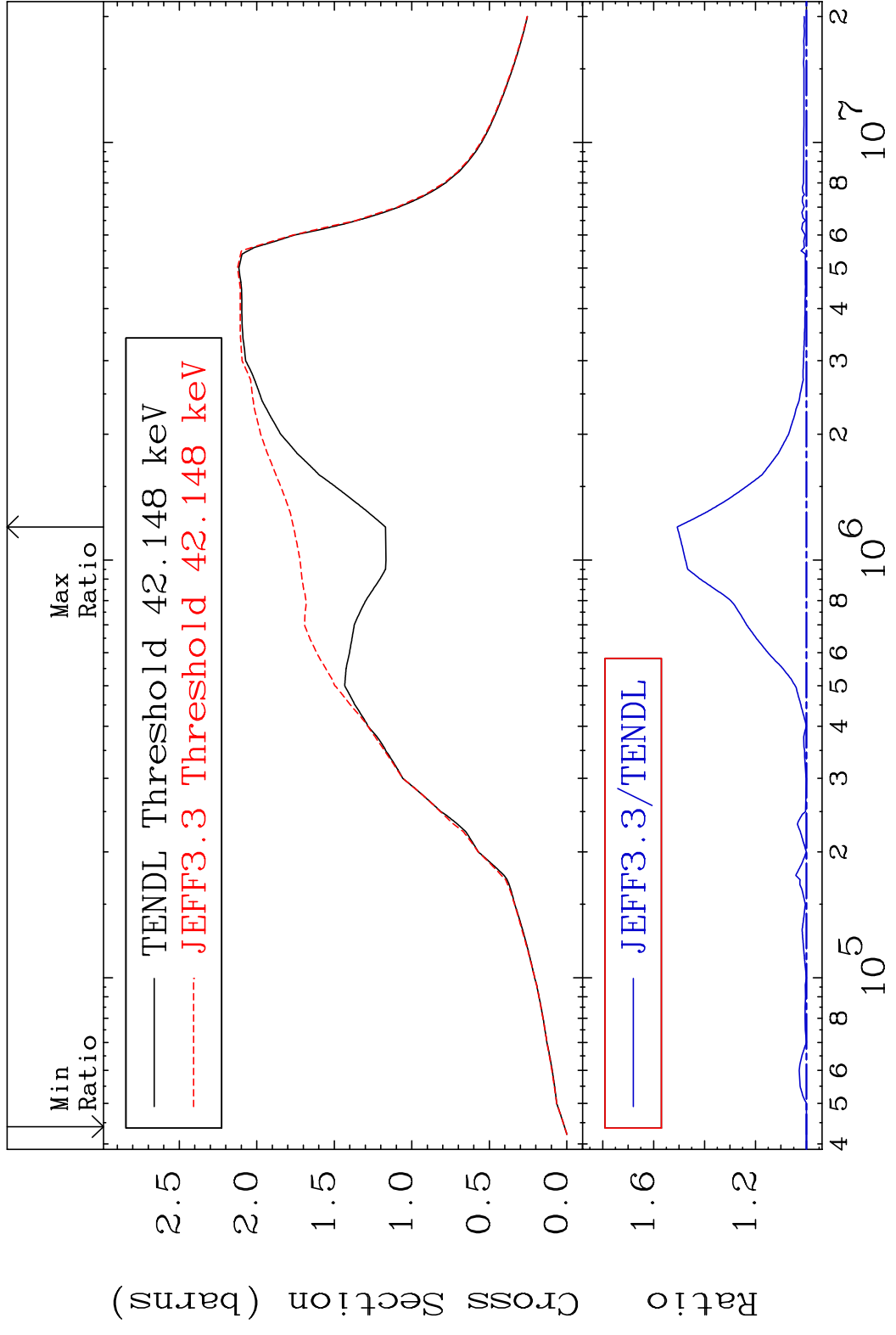


2

Incident Energy (eV)

94-Pu-241

MAT 9443 Inelastic 94-Pu-241
 Cross Section -0.002 To 50.74 %



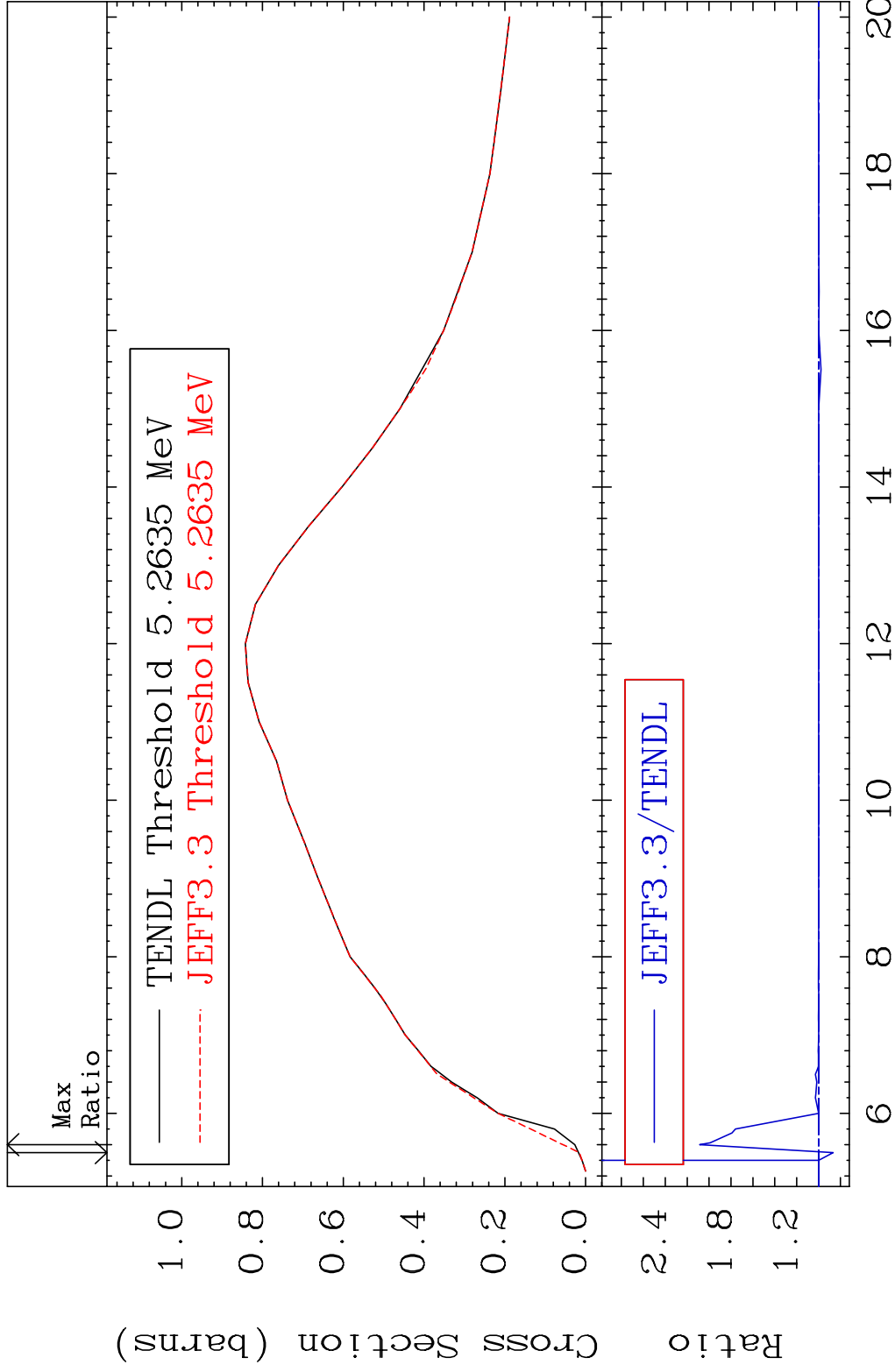
3 Incident Energy (eV) 94-Pu-241

MAT 9443

(n,2n)

94-Pu-241

Cross Section -13.23 To 108.6 %



4

Incident Energy (MeV)

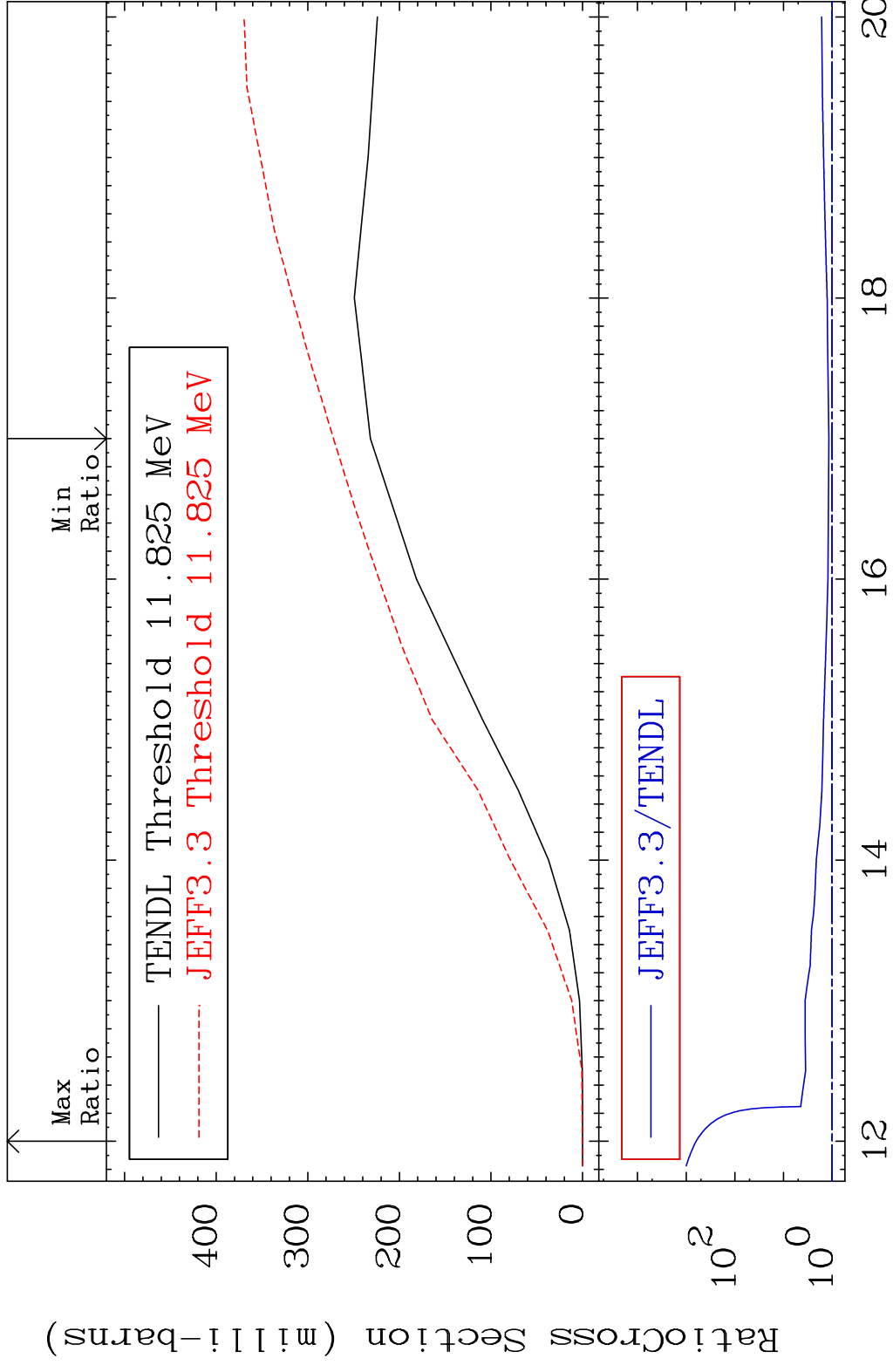
94-Pu-241

MAT 9443

(n,3n)

94-Pu-241

Cross Section 17.39 To 9999. %



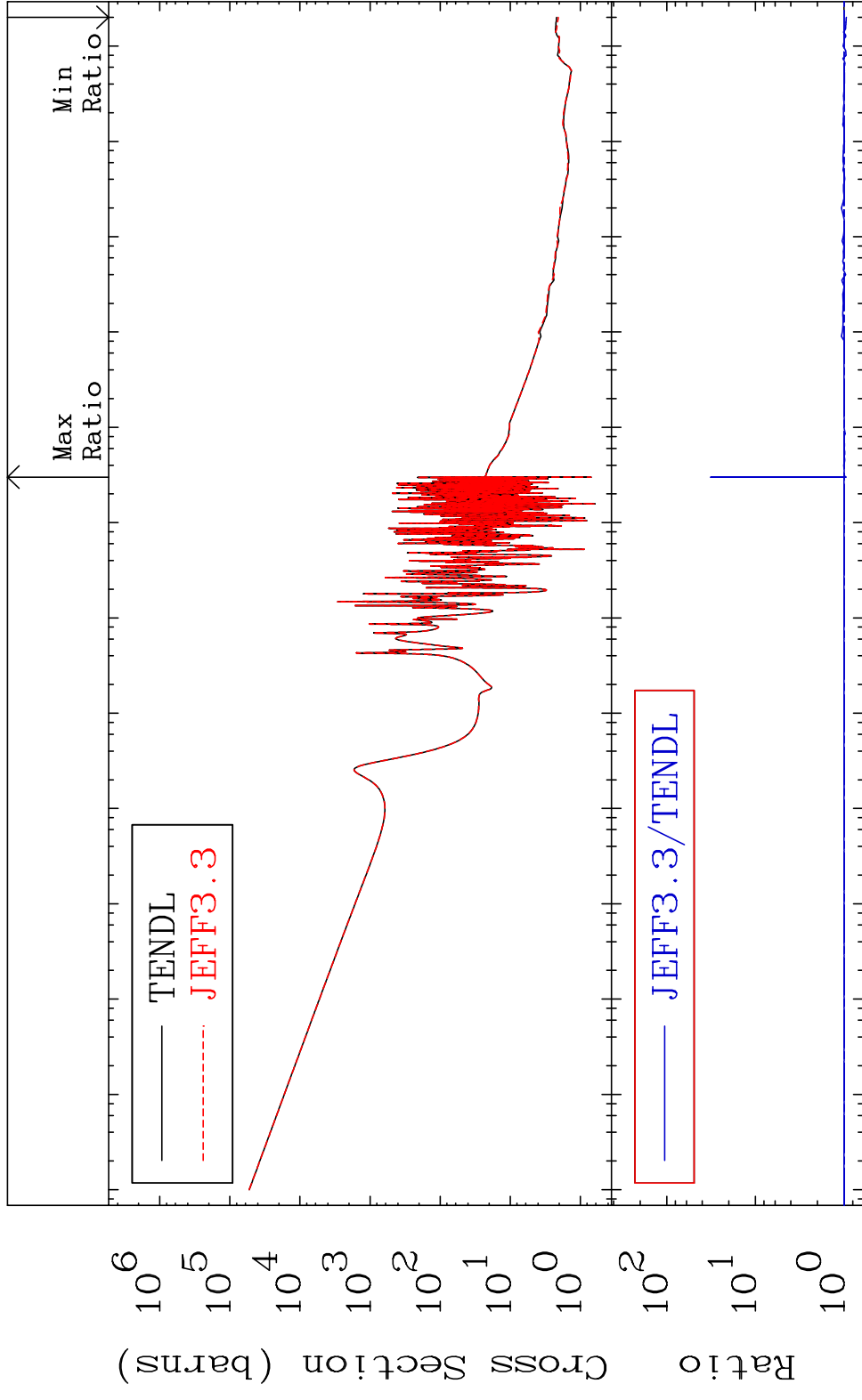
5

Incident Energy (MeV)

94-Pu-241

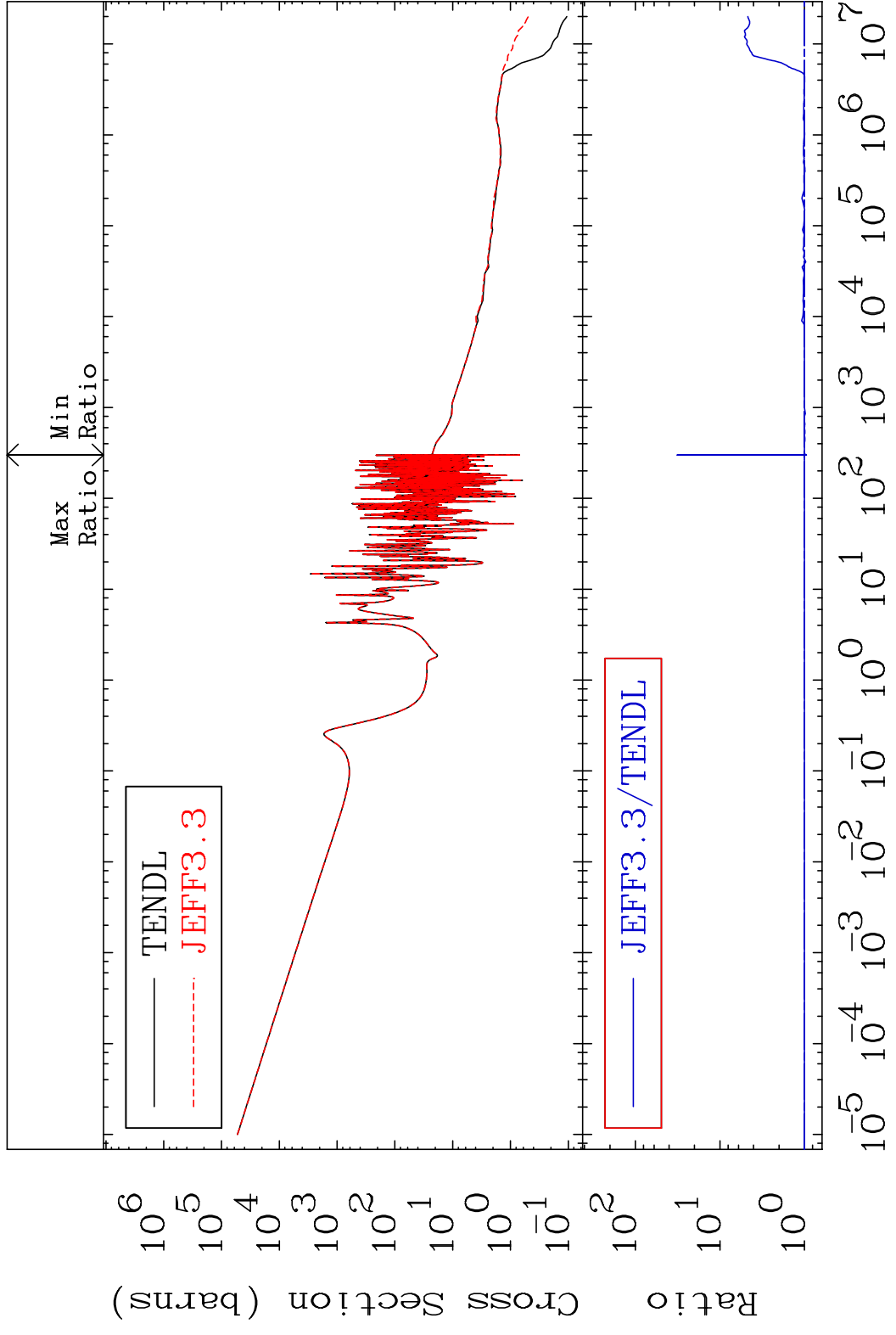
MAT 9443

Fission
Cross Section -5.601 To 3100. %
94-Pu-241



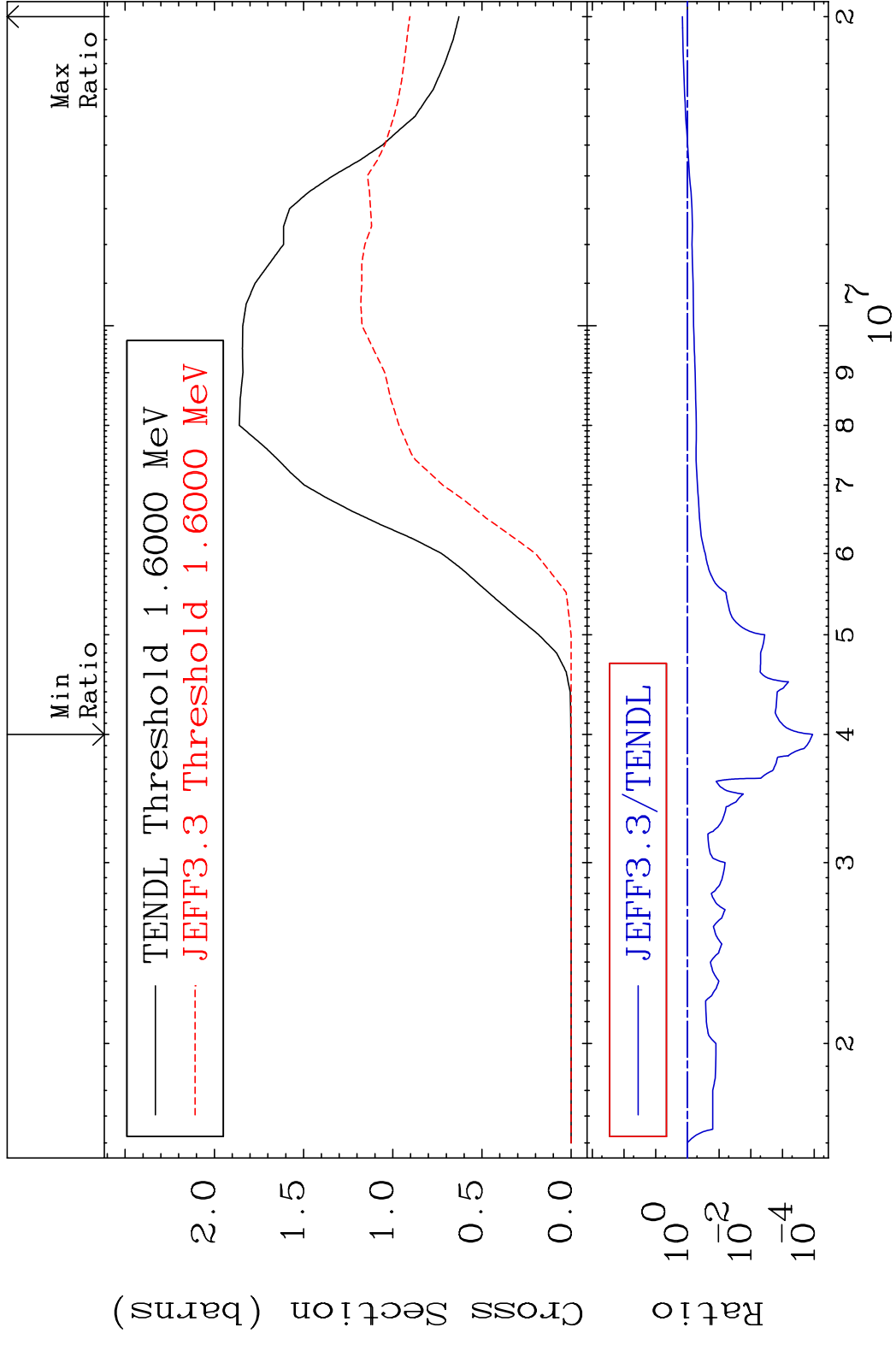
MAT 9443

(n,f) First Chance 94-Pu-241
Cross Section -5.307 To 3100. %

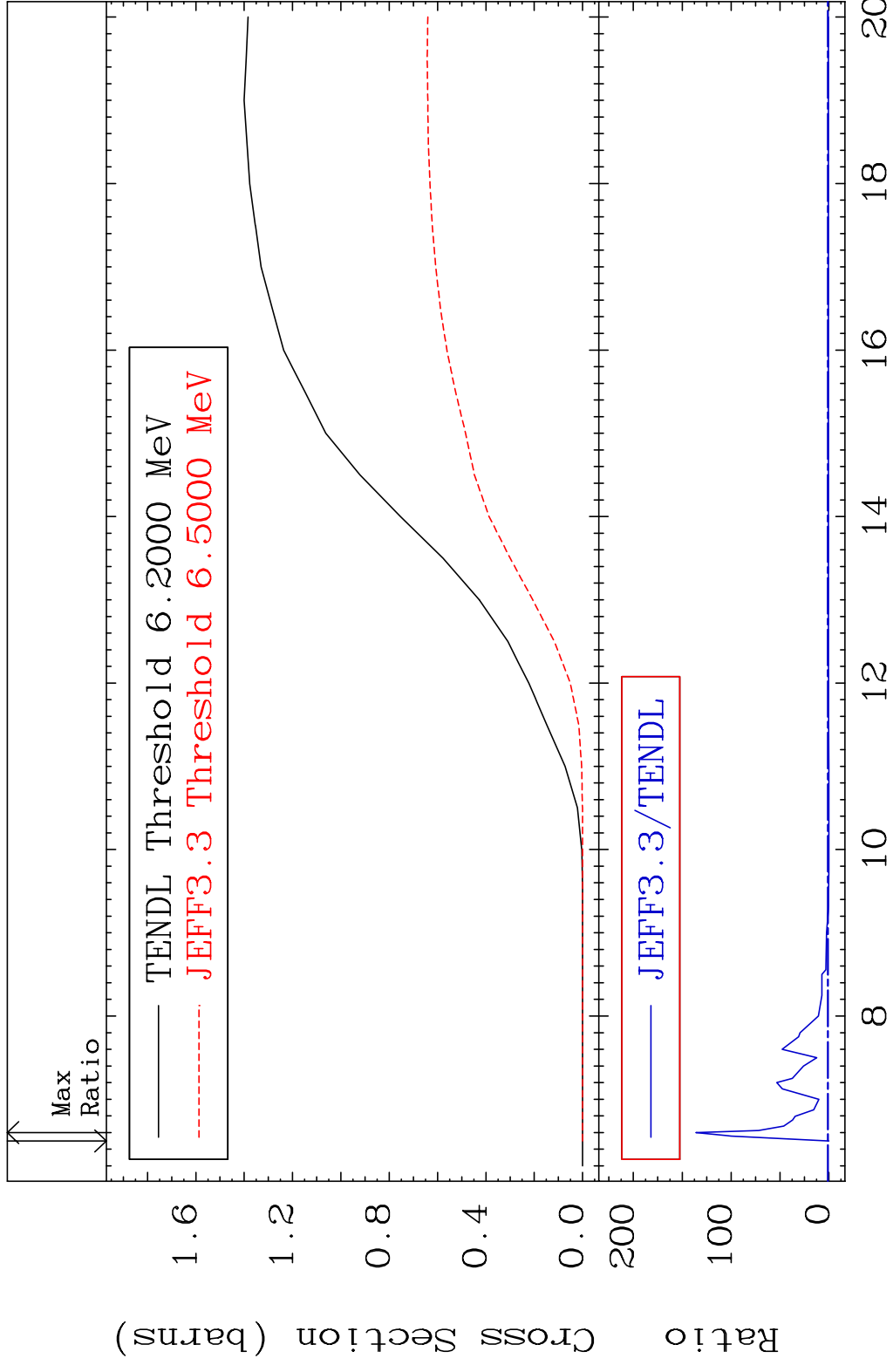


7 Incident Energy (eV) 94-Pu-241

MAT 9443 (n, nf) Second Chance 94-Pu-241
 Cross Section -99.99 To 43.85 %



MAT 9443 (n,2nf) Third Chance 94-Pu-241
 Cross Section -100.0 To 9999. %



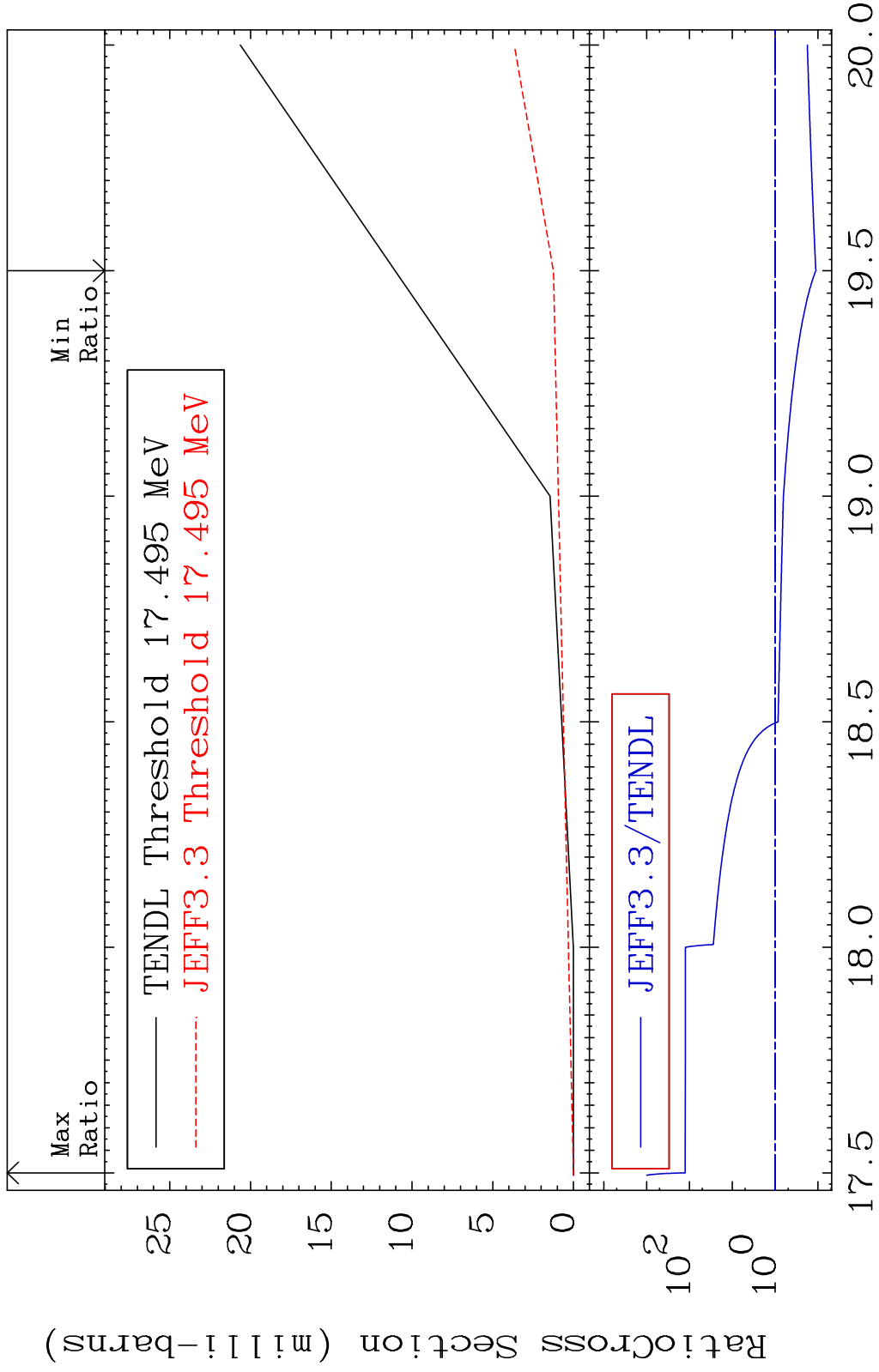
9 Incident Energy (MeV) 94-Pu-241

MAT 9443

(n, 4n)

94-Pu-241

Cross Section -88.75 To 9999. %

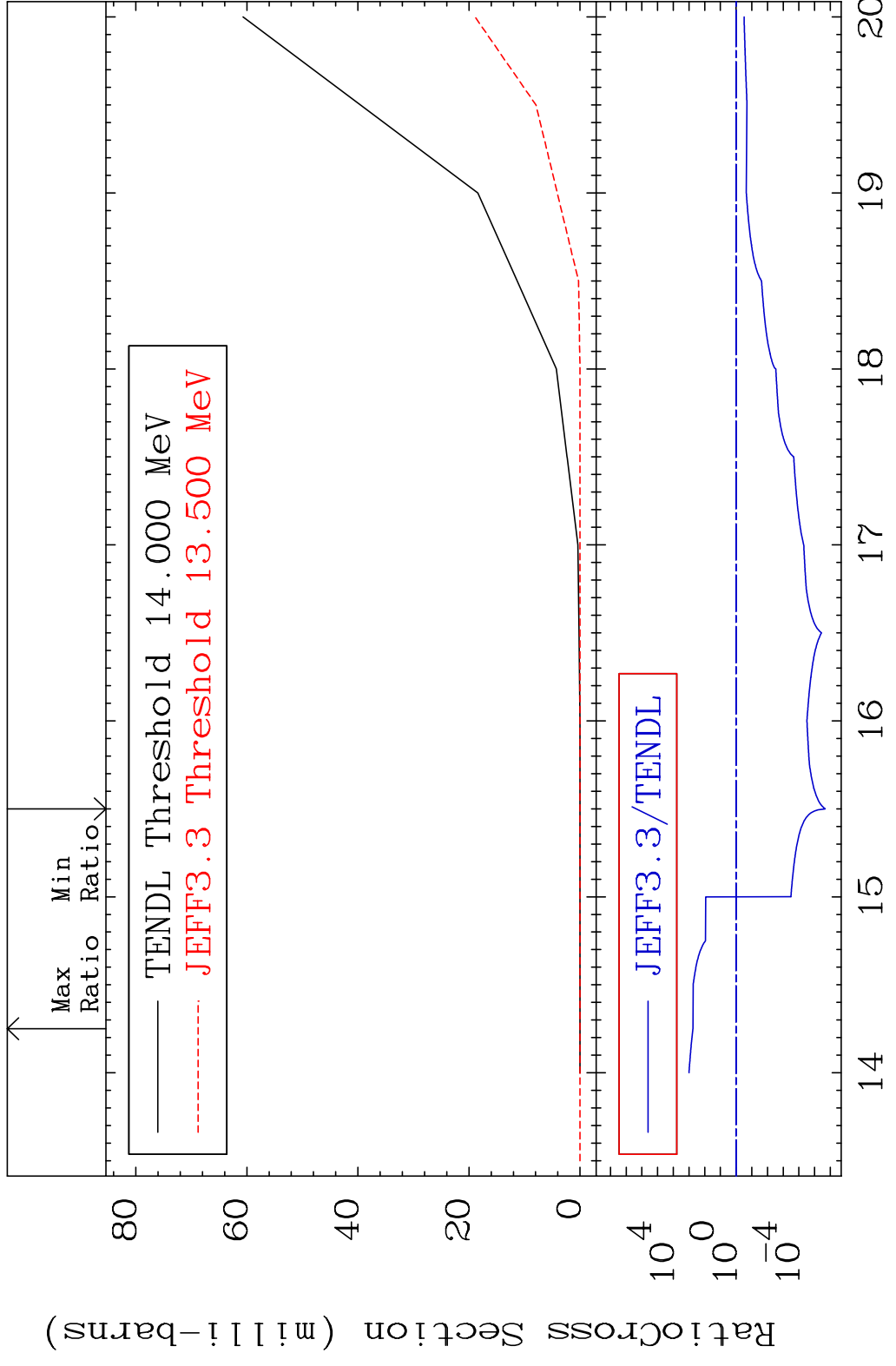


10

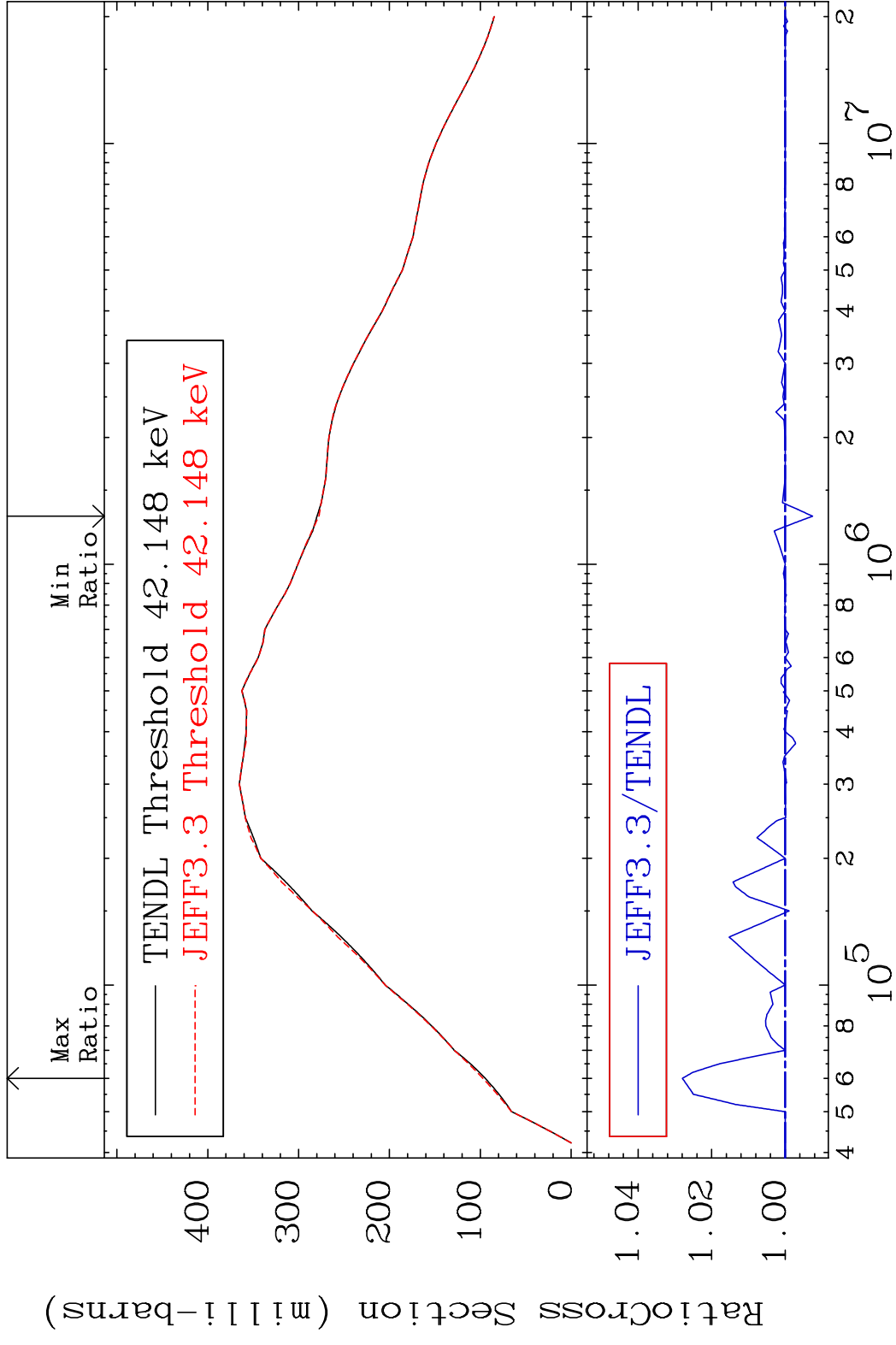
Incident Energy (MeV)

94-Pu-241

MAT 9443 (n,3nf) Fourth Chance 94-Pu-241
 Cross Section -100.0 To 9999. %



MAT 9443 MT= 51 (n, n') Level 94-Pu-241
 Cross Section -0.744 To 2.796 %

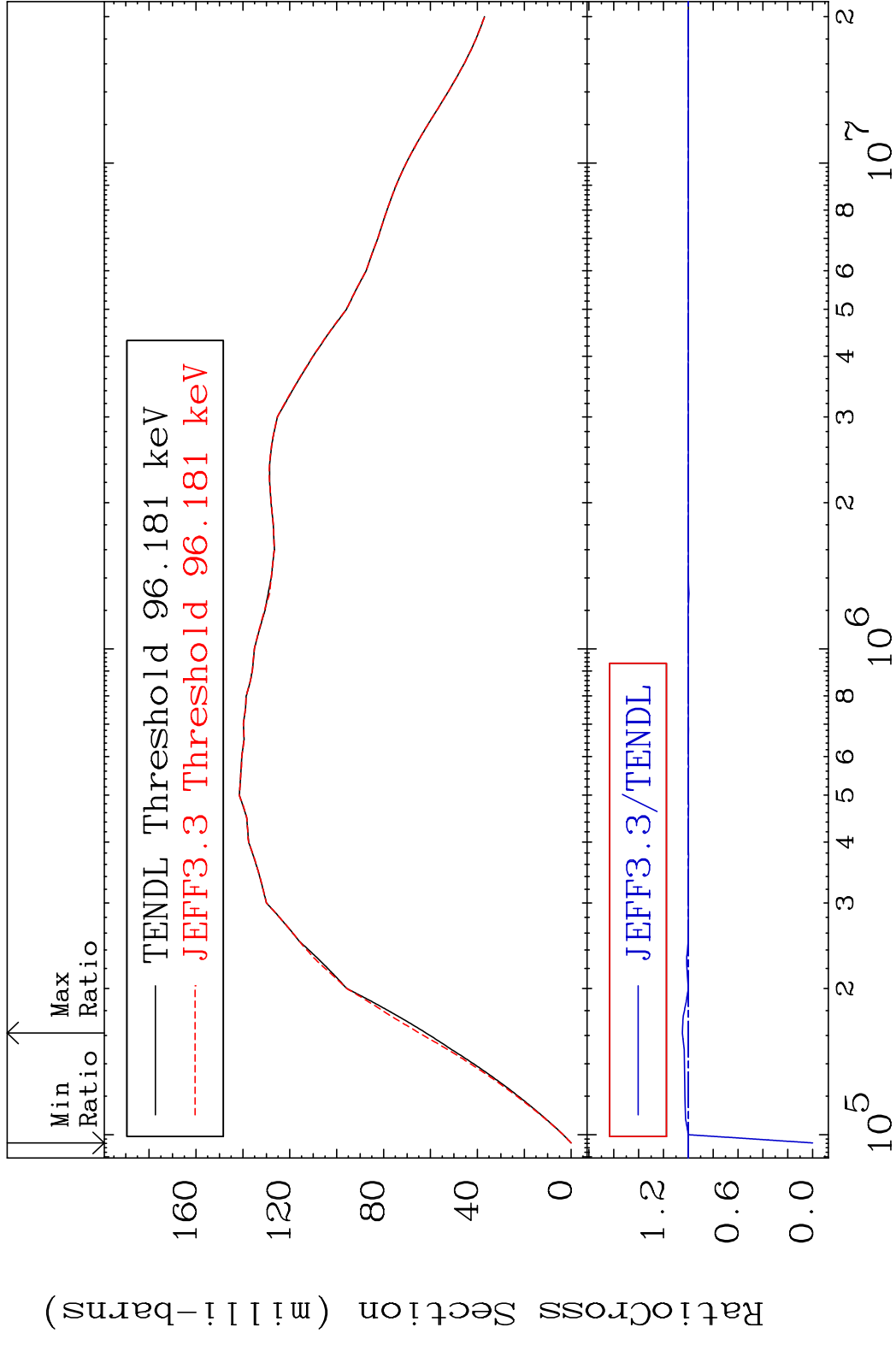


MAT 9443

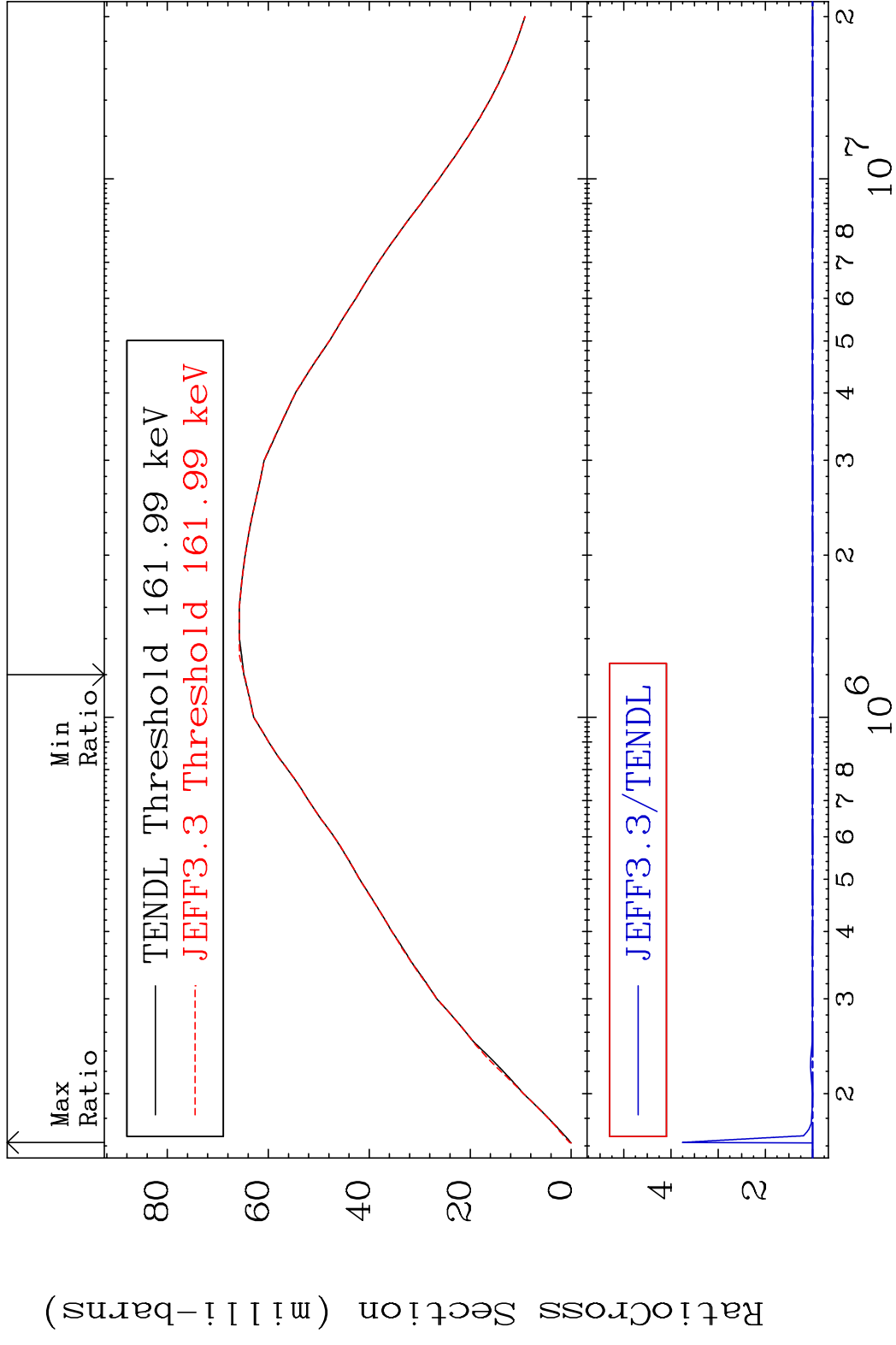
MT= 52 (n, n') Level

94-Pu-241

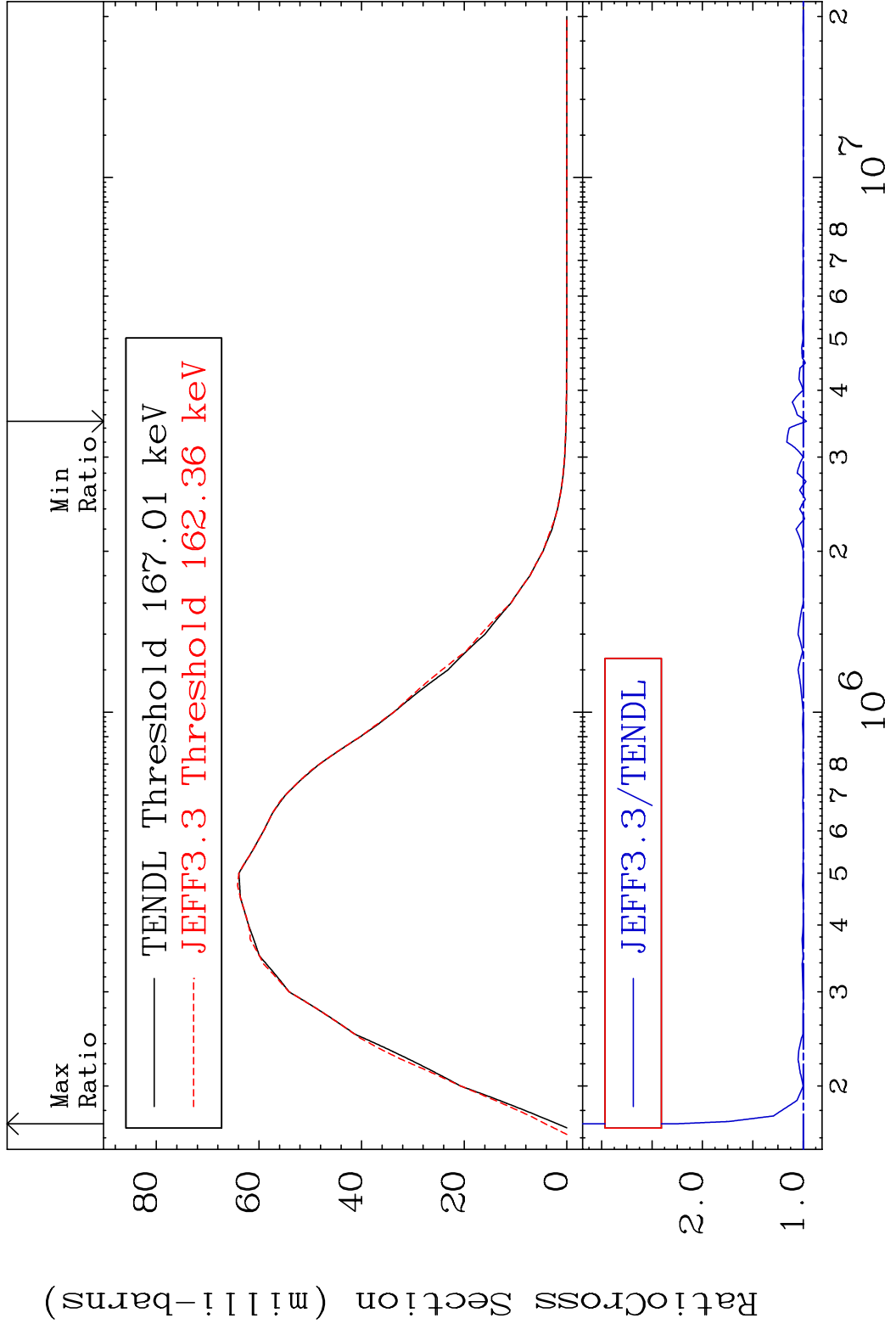
Cross Section -100.0 To 4.804 %



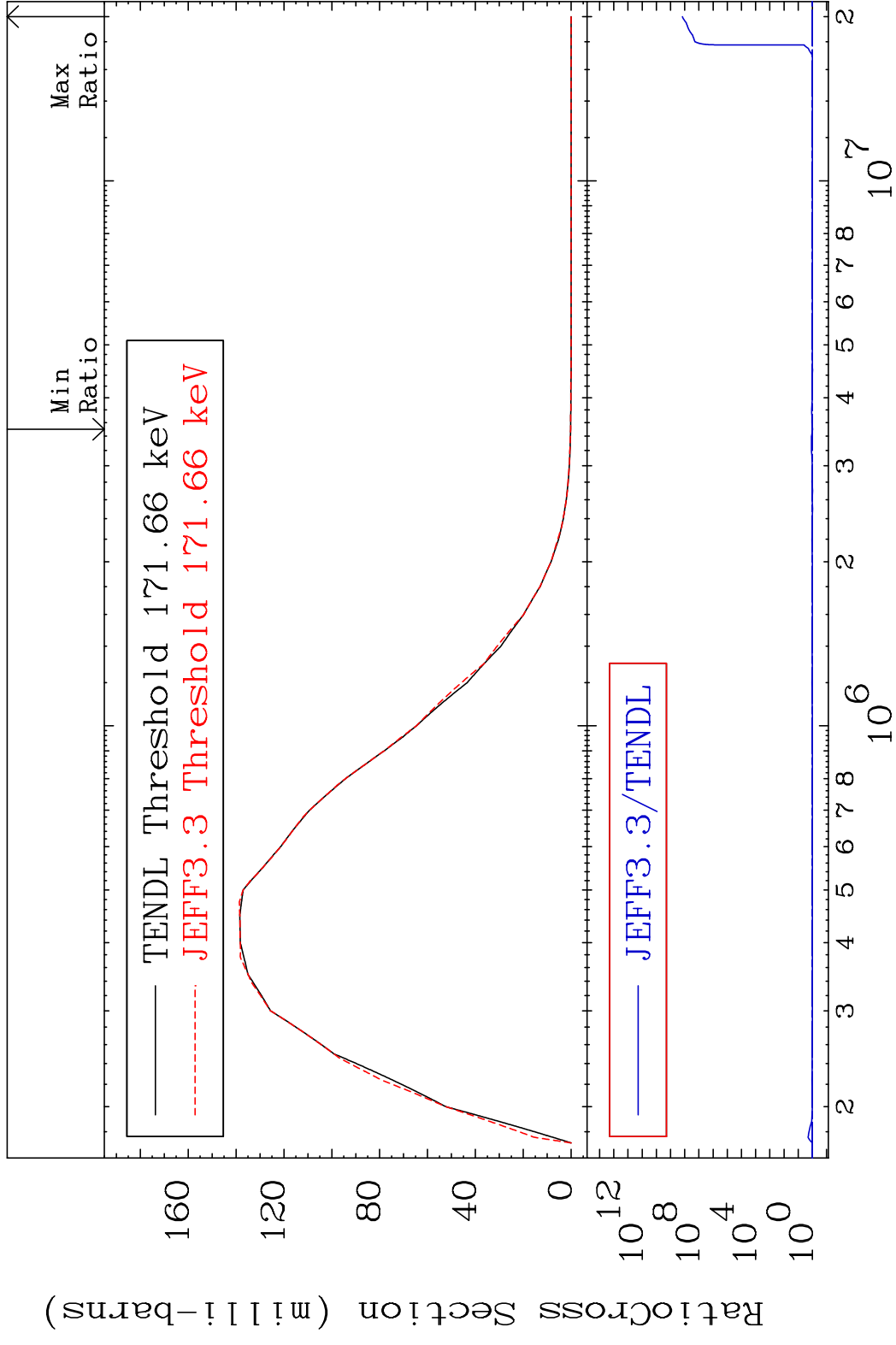
MAT 9443 MT= 53 (n, n') Level 94-Pu-241
 Cross Section -0.103 To 275.8 %



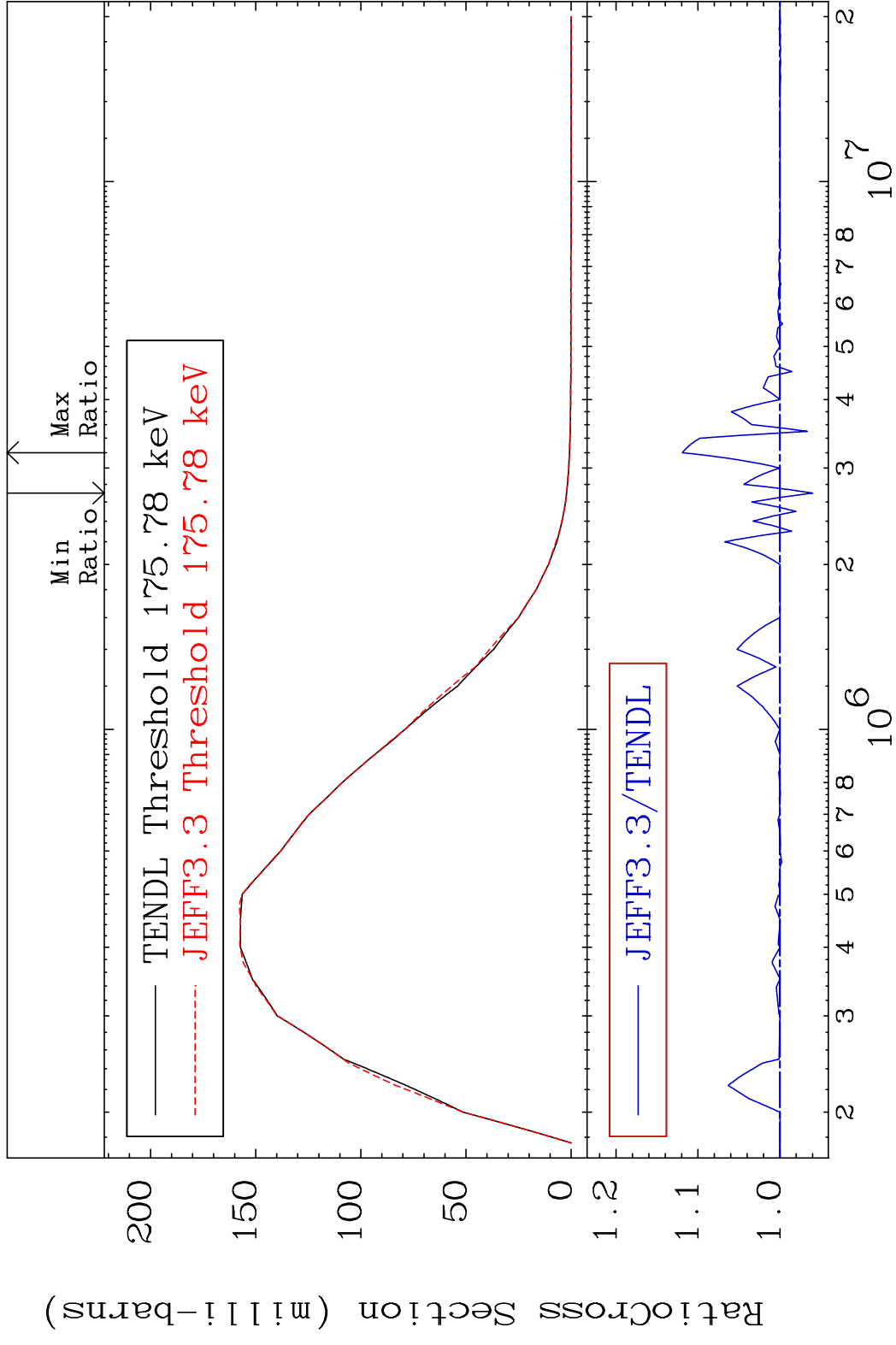
MAT 9443 MT= 54 (n, n') Level 94-Pu-241
 Cross Section -3.172 To 125.0 %



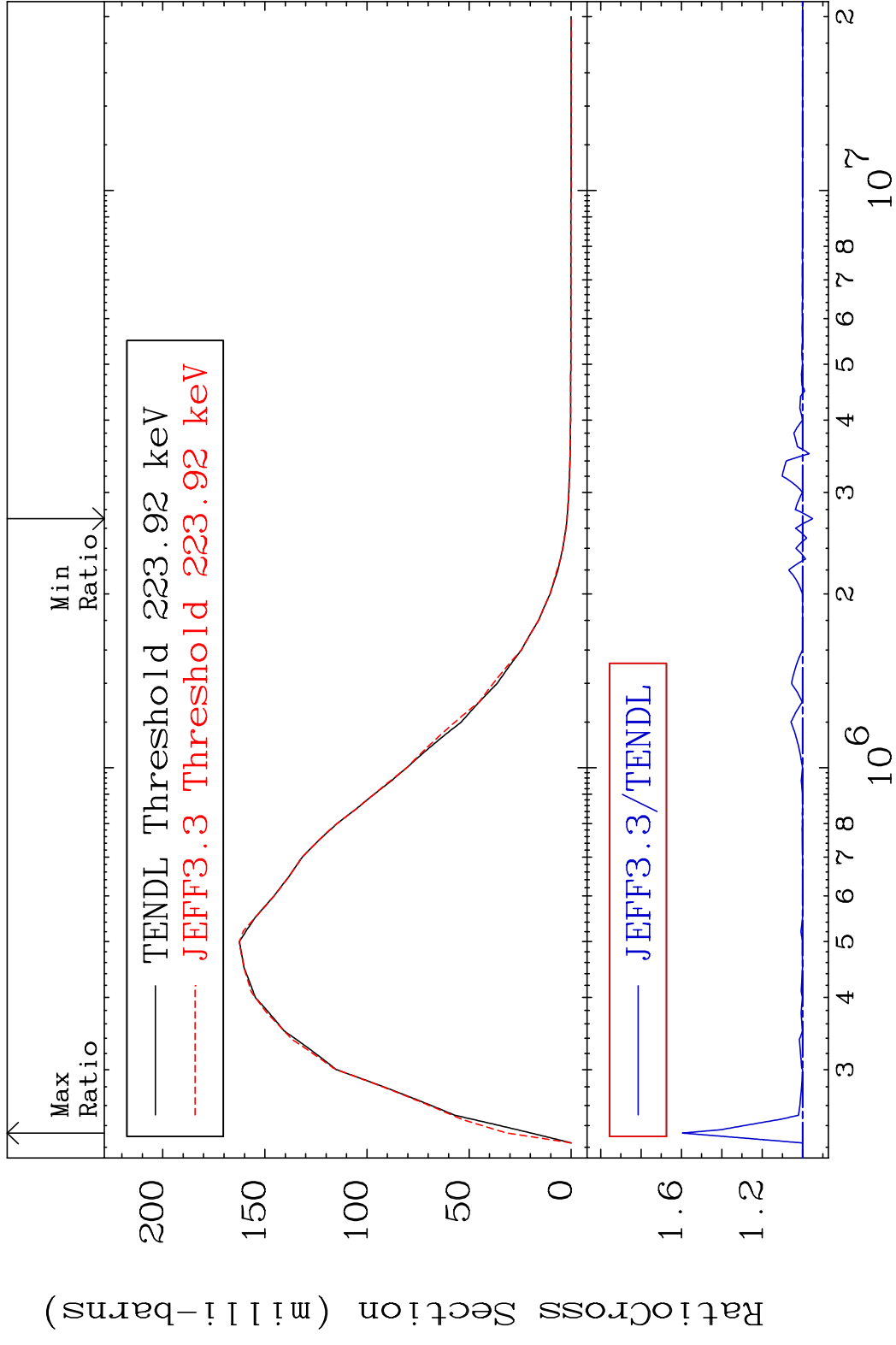
MAT 9443 MT= 55 (n,n') Level 94-Pu-241
 Cross Section -3.032 To 9999. %



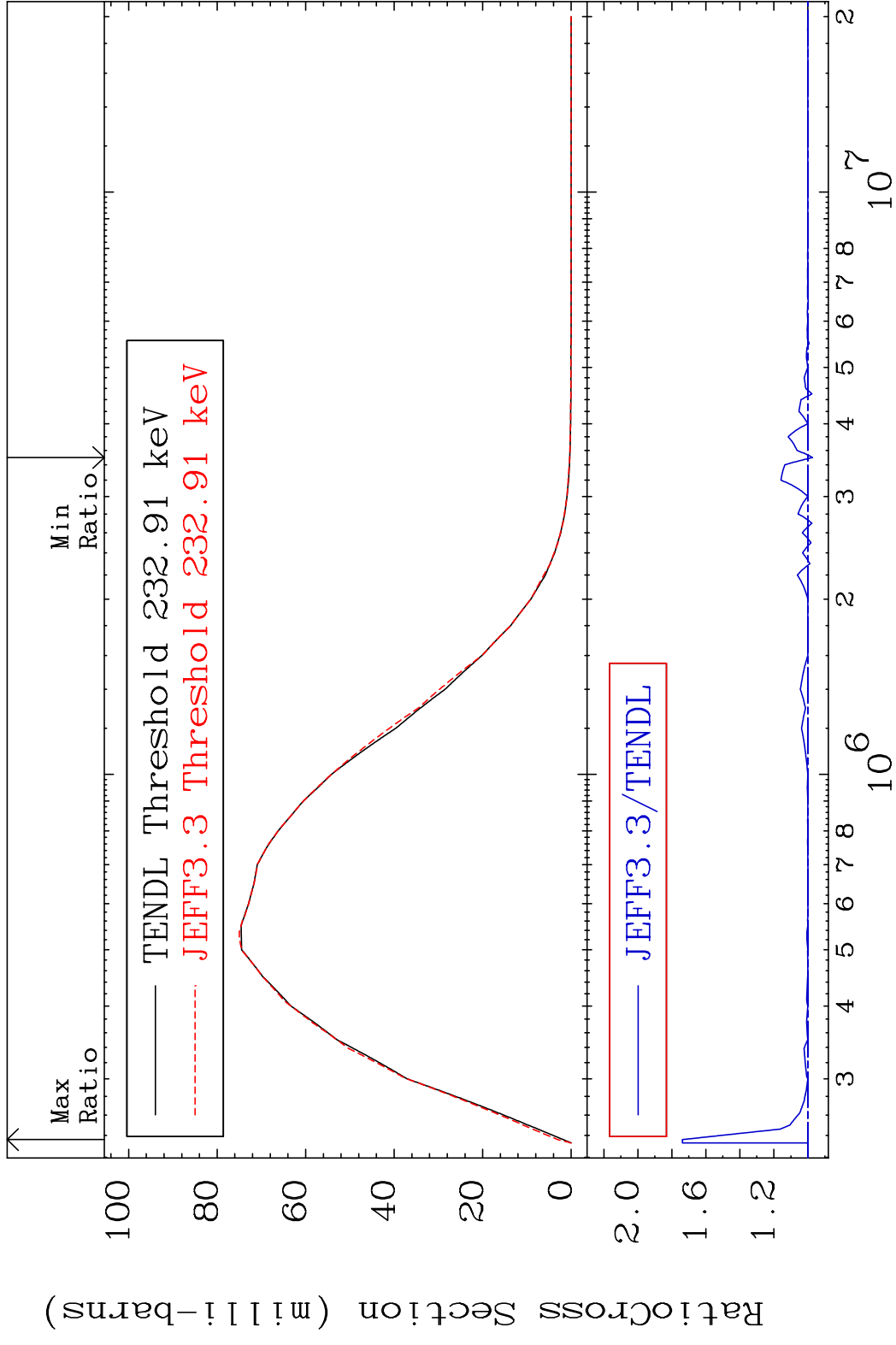
MAT 9443 MT= 56 (n, n') Level 94-Pu-241
 Cross Section -3.985 To 11.91 %



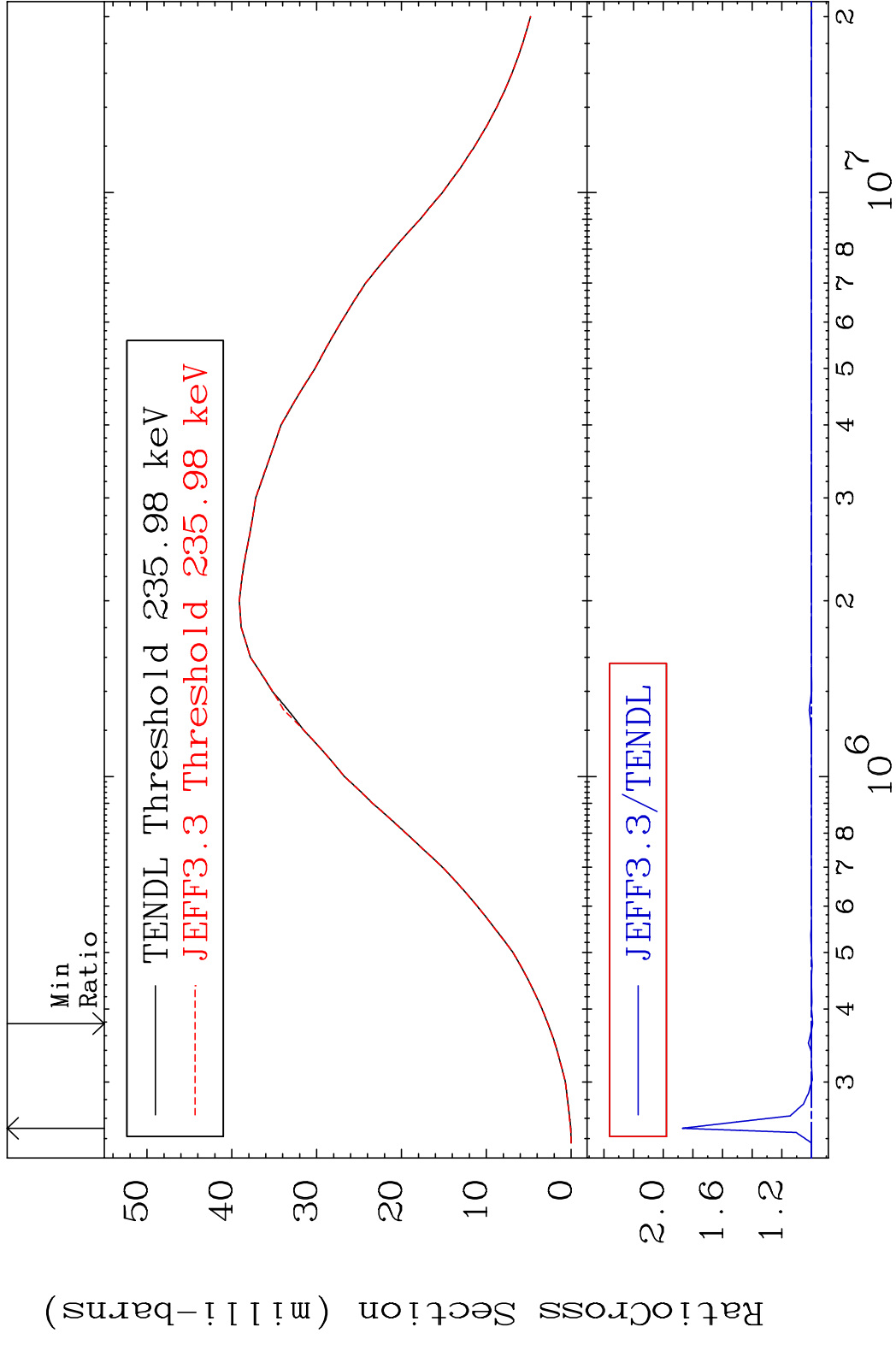
MAT 9443 MT= 57 (n, n') Level 94-Pu-241
 Cross Section -4.943 To 59.56 %



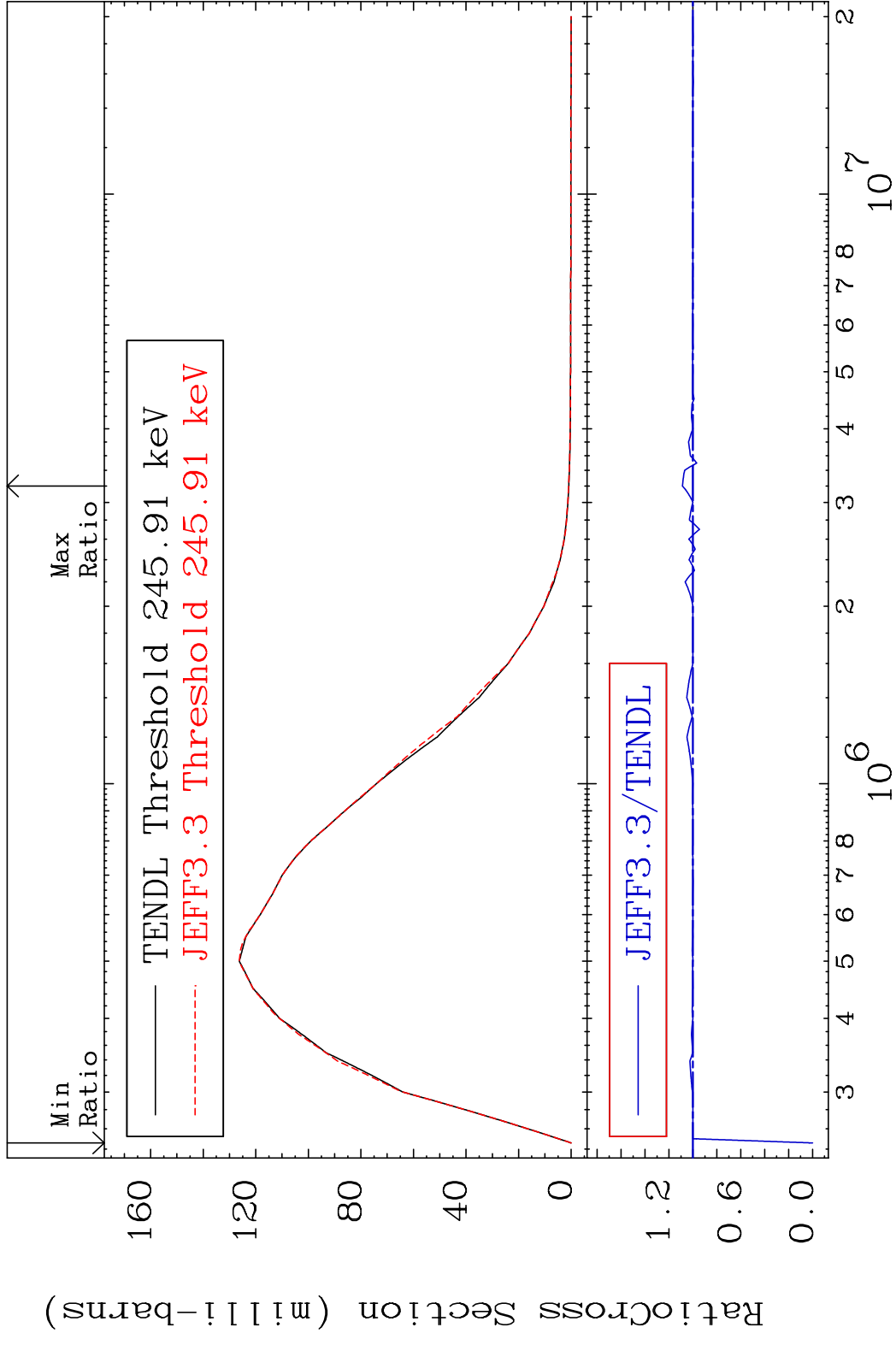
MAT 9443 MT= 58 (n, n') Level 94-Pu-241
 Cross Section -2.775 To 73.82 %



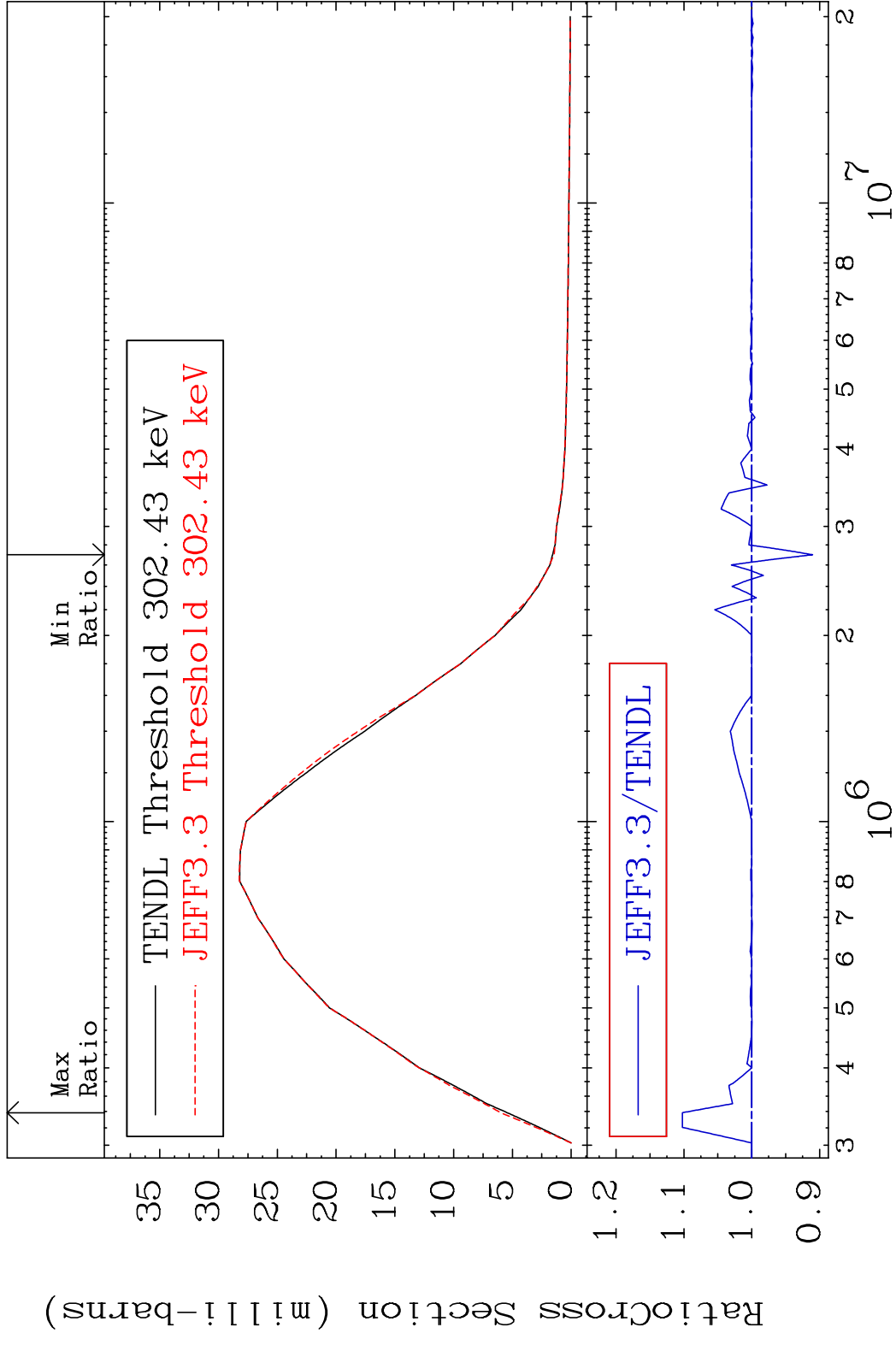
MAT 9443 MT= 59 (n, n') Level 94-Pu-241
 Cross Section -0.748 To 87.09 %



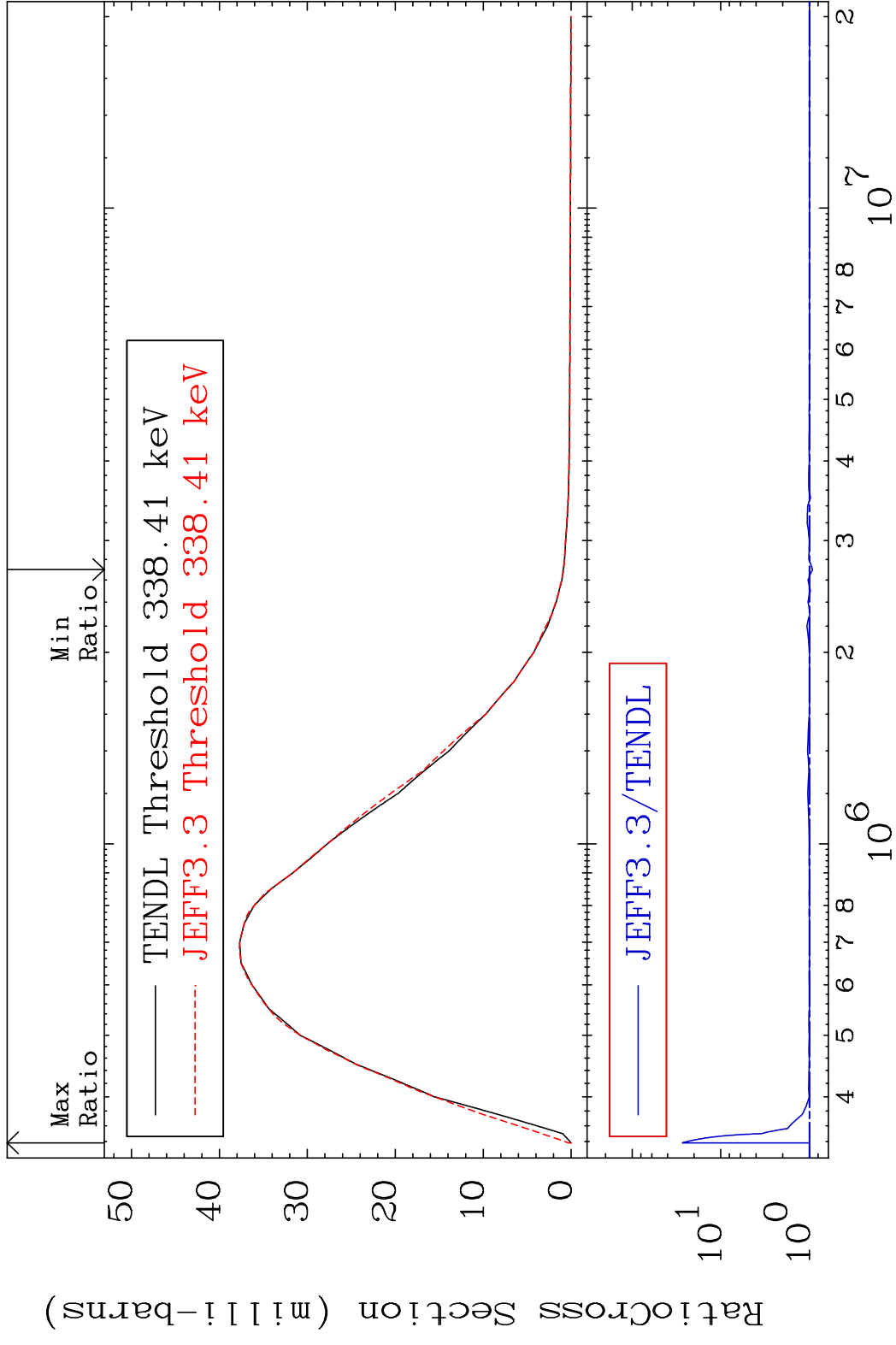
MAT 9443 MT= 60 (n, n') Level 94-Pu-241
 Cross Section -100.0 To 8.822 %



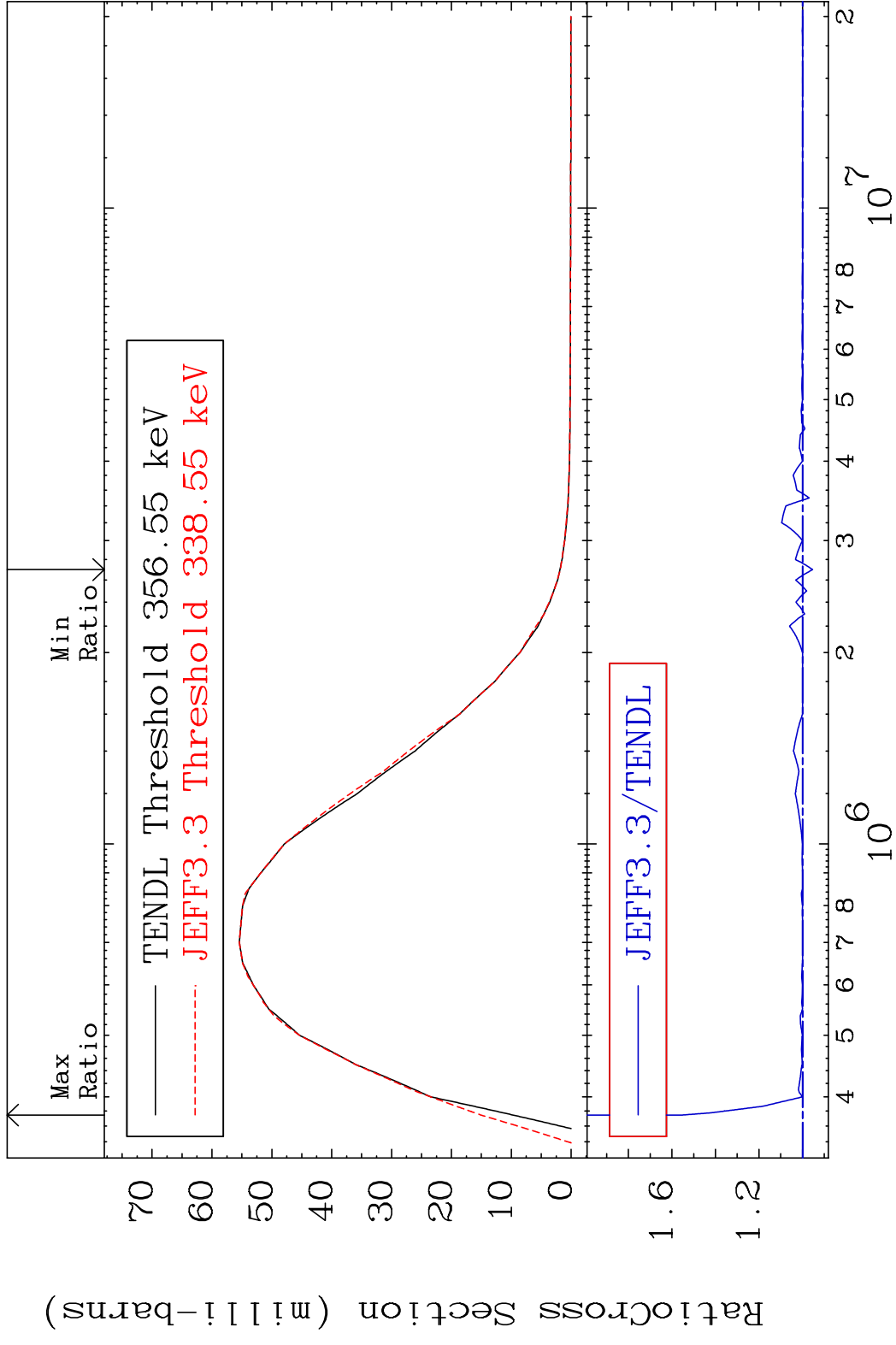
MAT 9443 MT= 61 (n,n') Level 94-Pu-241
 Cross Section -8.965 To 10.22 %



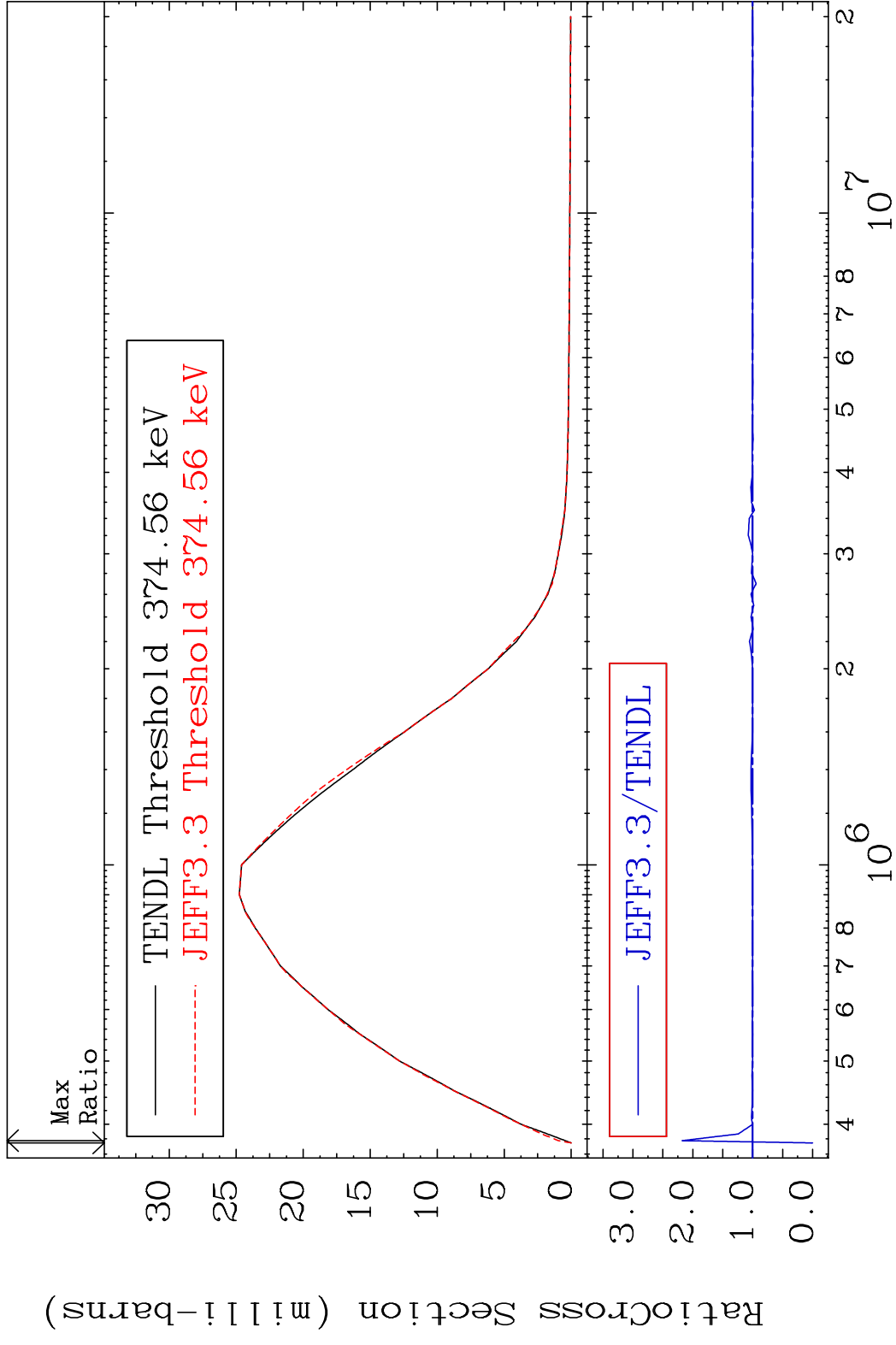
MAT 9443 MT= 62 (n, n') Level 94-Pu-241
 Cross Section -7.852 To 2616. %



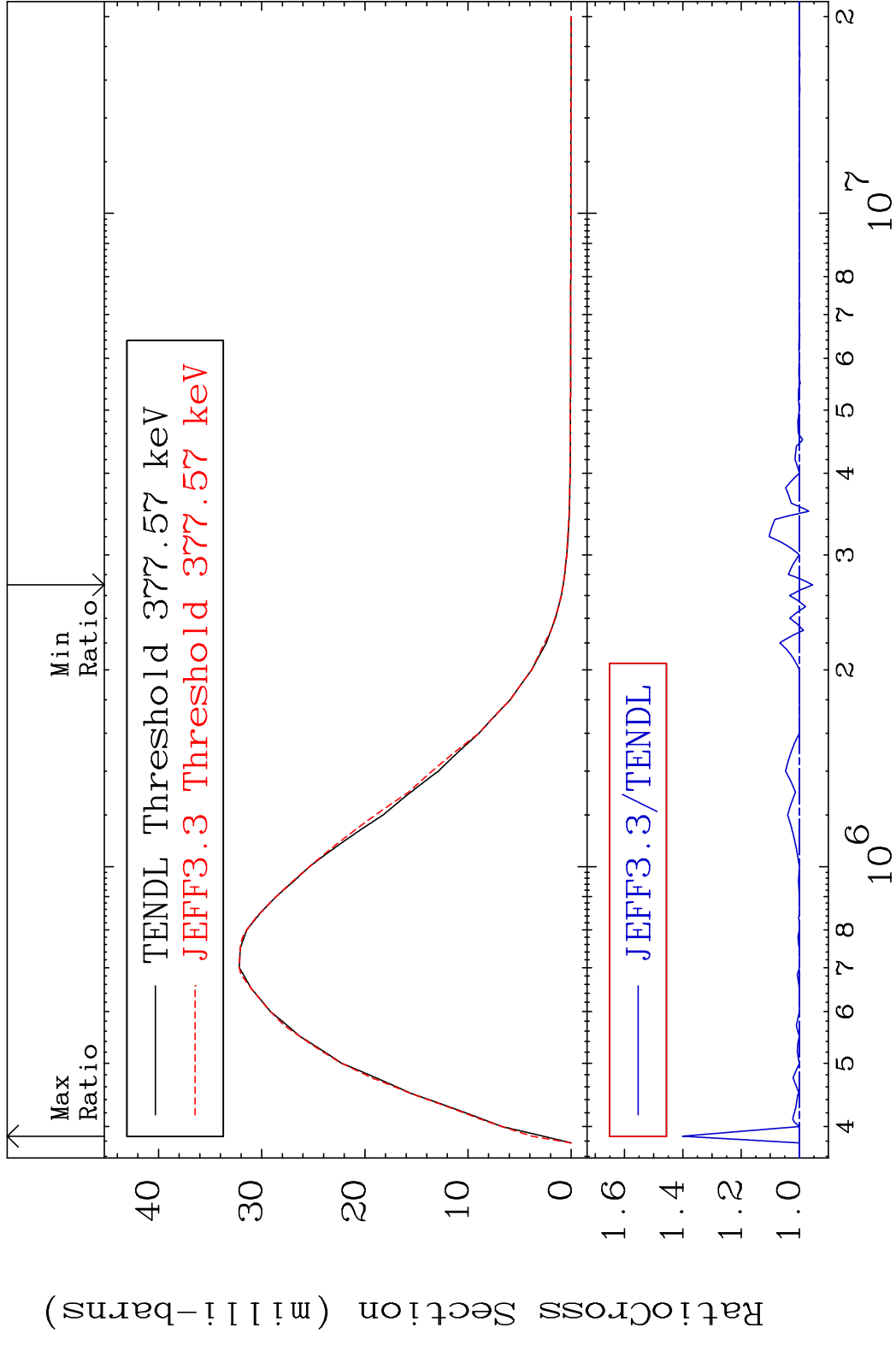
MAT 9443 MT= 63 (n, n') Level 94-Pu-241
 Cross Section -4.604 To 55.21 %



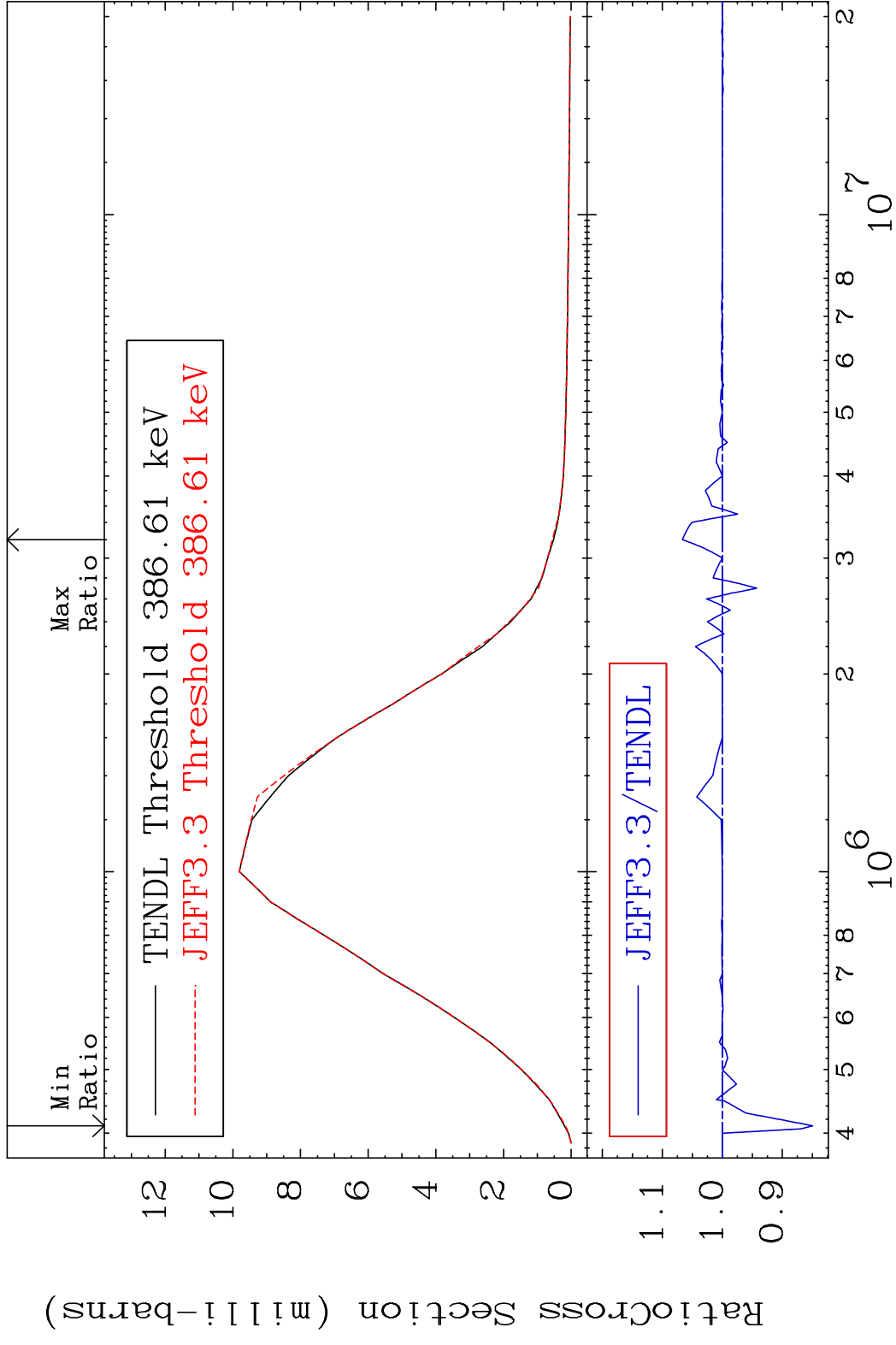
MAT 9443 MT= 64 (n, n') Level 94-Pu-241
 Cross Section -100.0 To 117.5 %



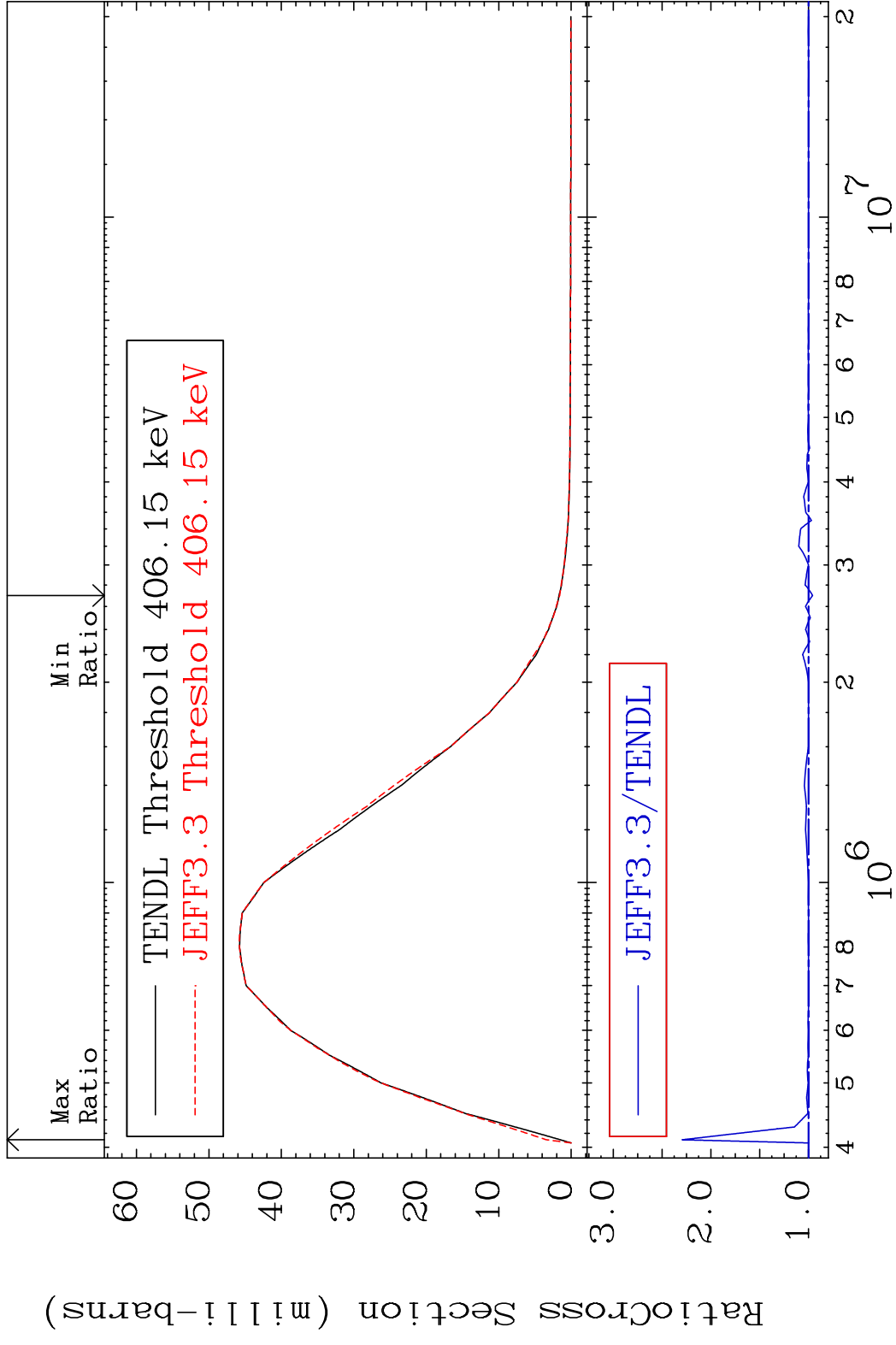
MAT 9443 MT= 65 (n, n') Level 94-Pu-241
 Cross Section -4.498 To 40.16 %



MAT 9443 MT= 66 (n, n') Level 94-Pu-241
 Cross Section -15.04 To 6.675 %



MAT 9443 MT= 67 (n, n') Level 94-Pu-241
 Cross Section -4.168 To 129.2 %

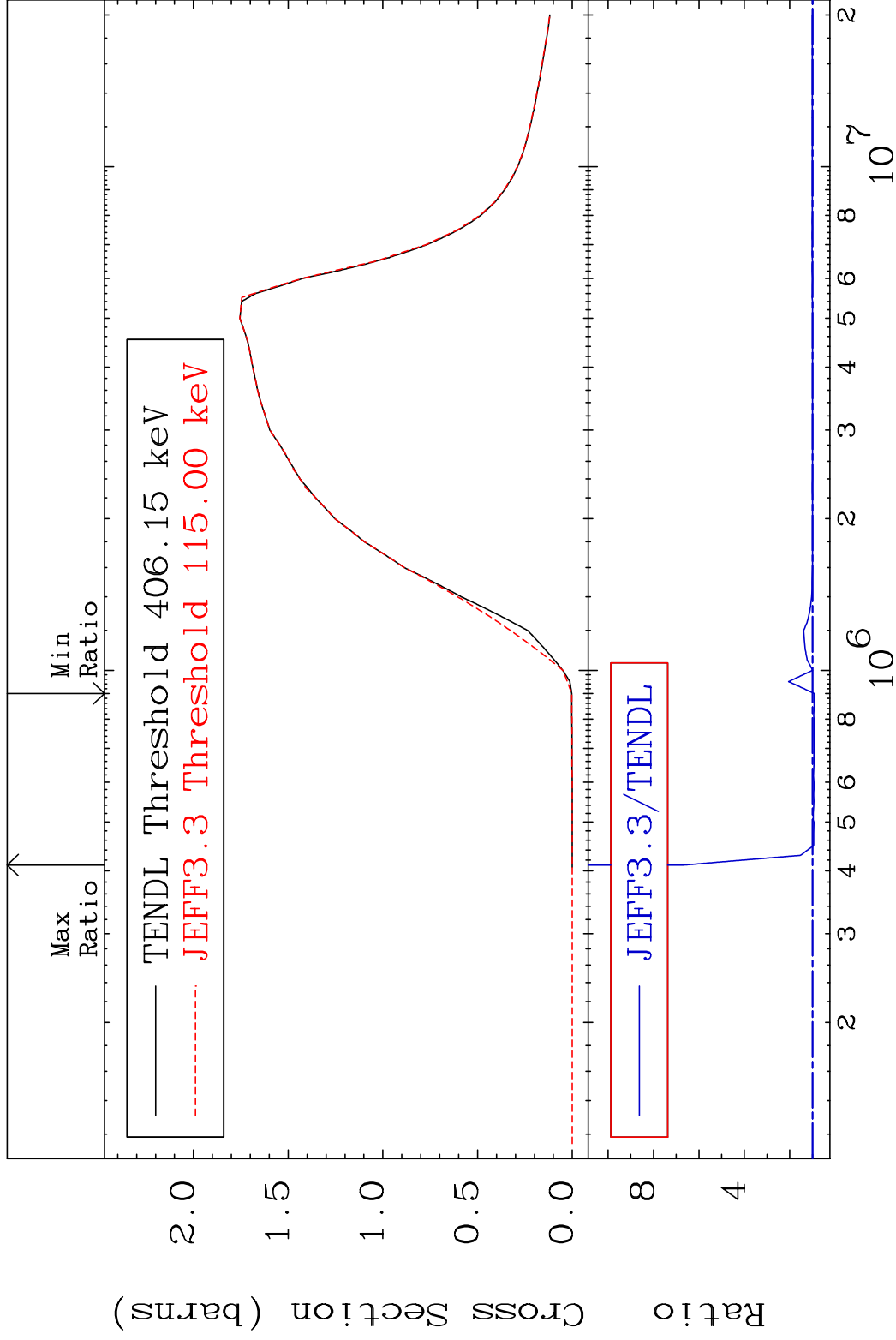


MAT 9443

(n, n') Continuum

94-Pu-241

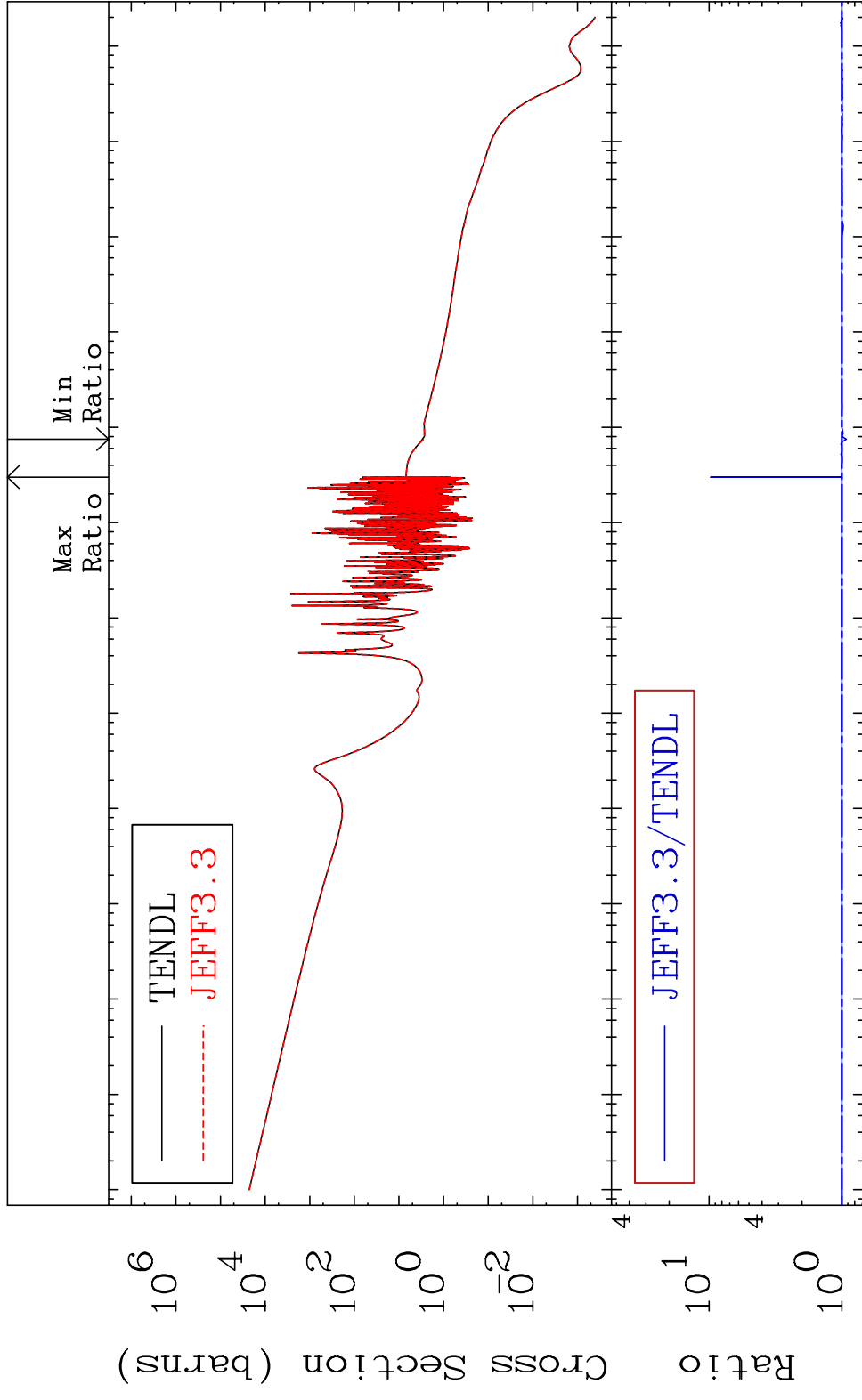
Cross Section -7.020 To 567.2 %



MAT 9443

(n, γ)
Cross Section -7.539 To 873.6 %

94-Pu-241

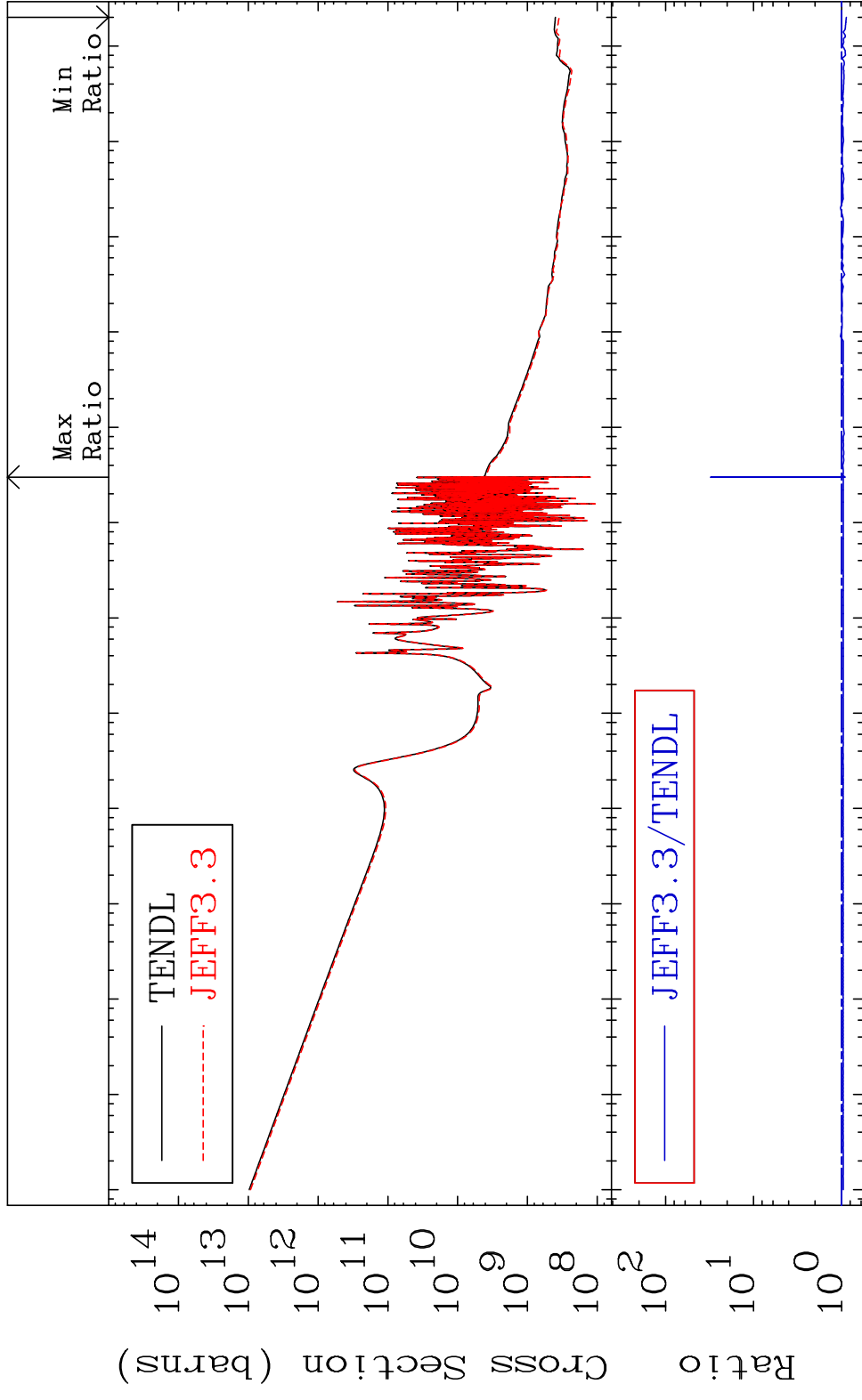


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Incident Energy (eV)

94-Pu-241

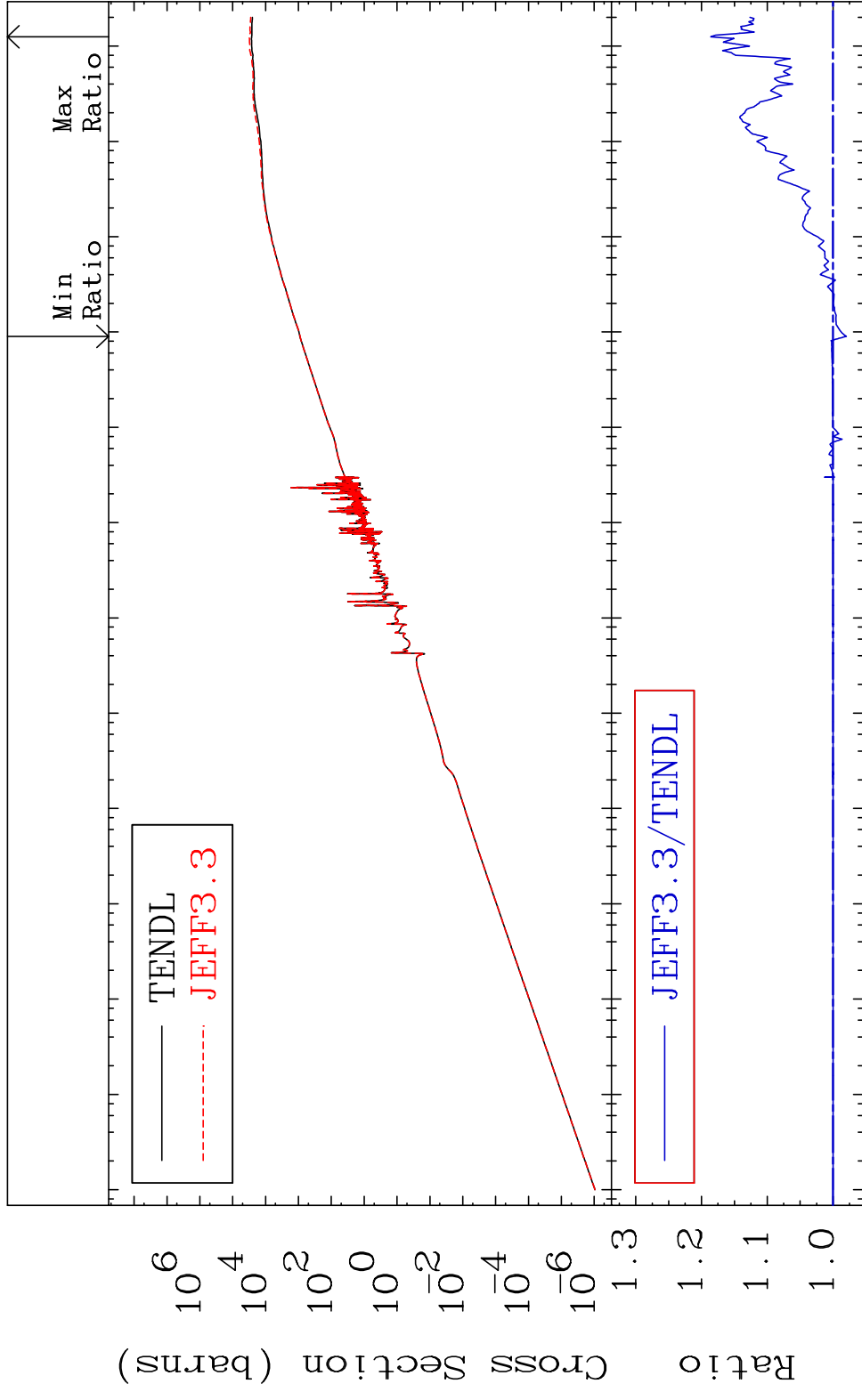
MAT 9443 Kerma total (eV-barns) 94-Pu-241
 Cross Section -11.74 To 2967. %



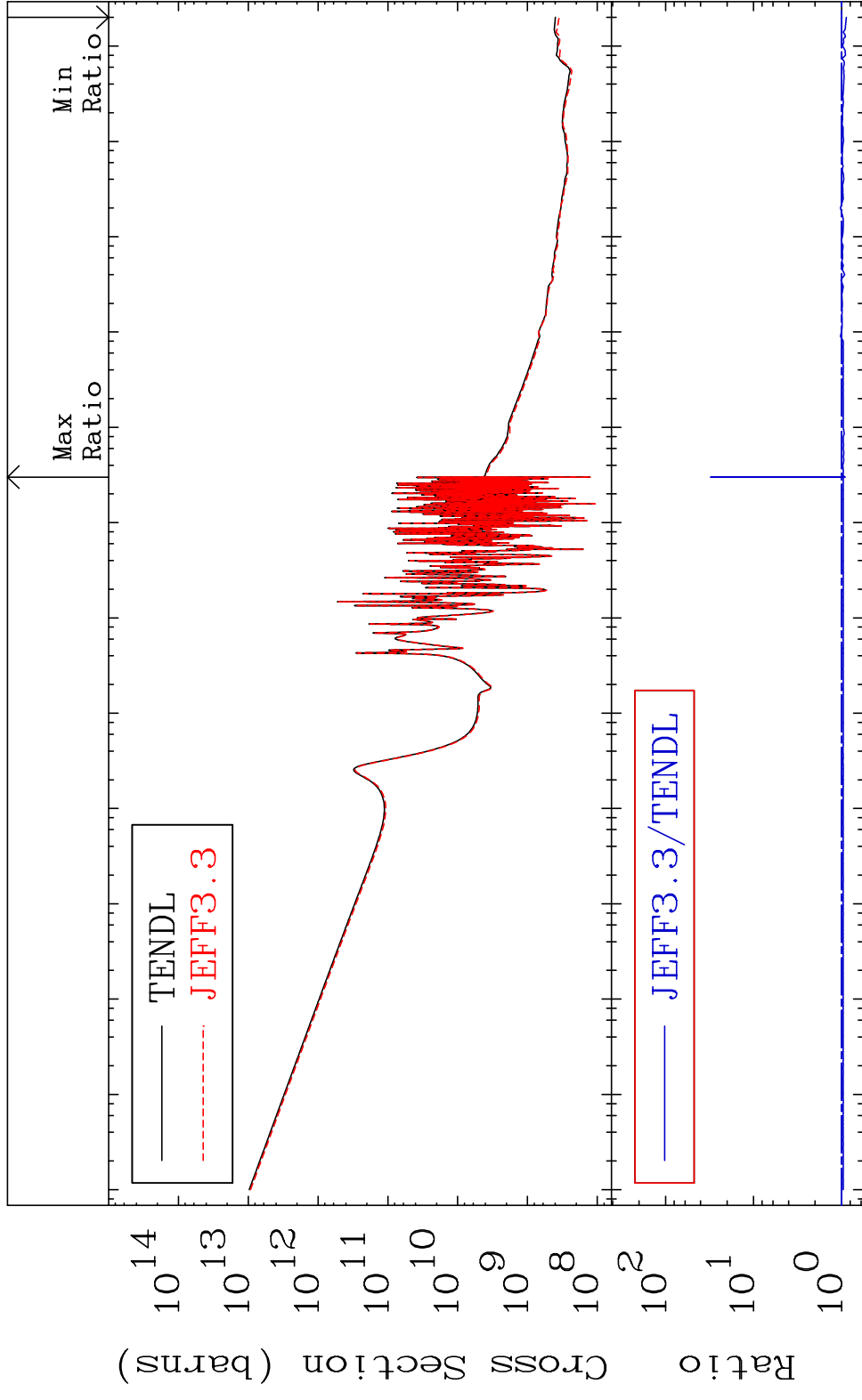
MAT 9443

Kerma elastic
Cross Section

94-Pu-241
-2.024 To 18.60 %

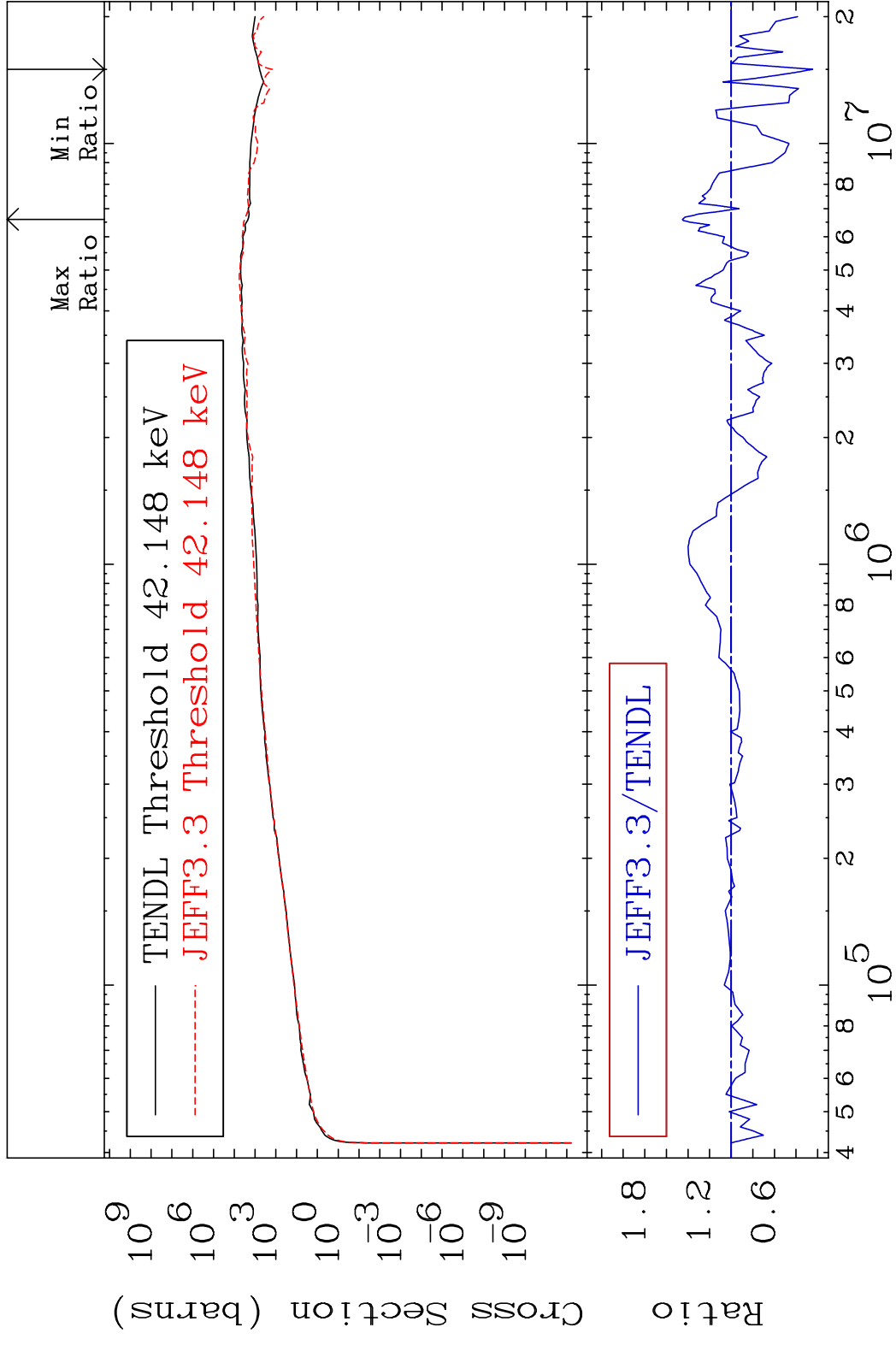


MAT 9443 Kerma non-elastic (all but mt2) 94-Pu-241
 Cross Section -11.74 To 2967. %

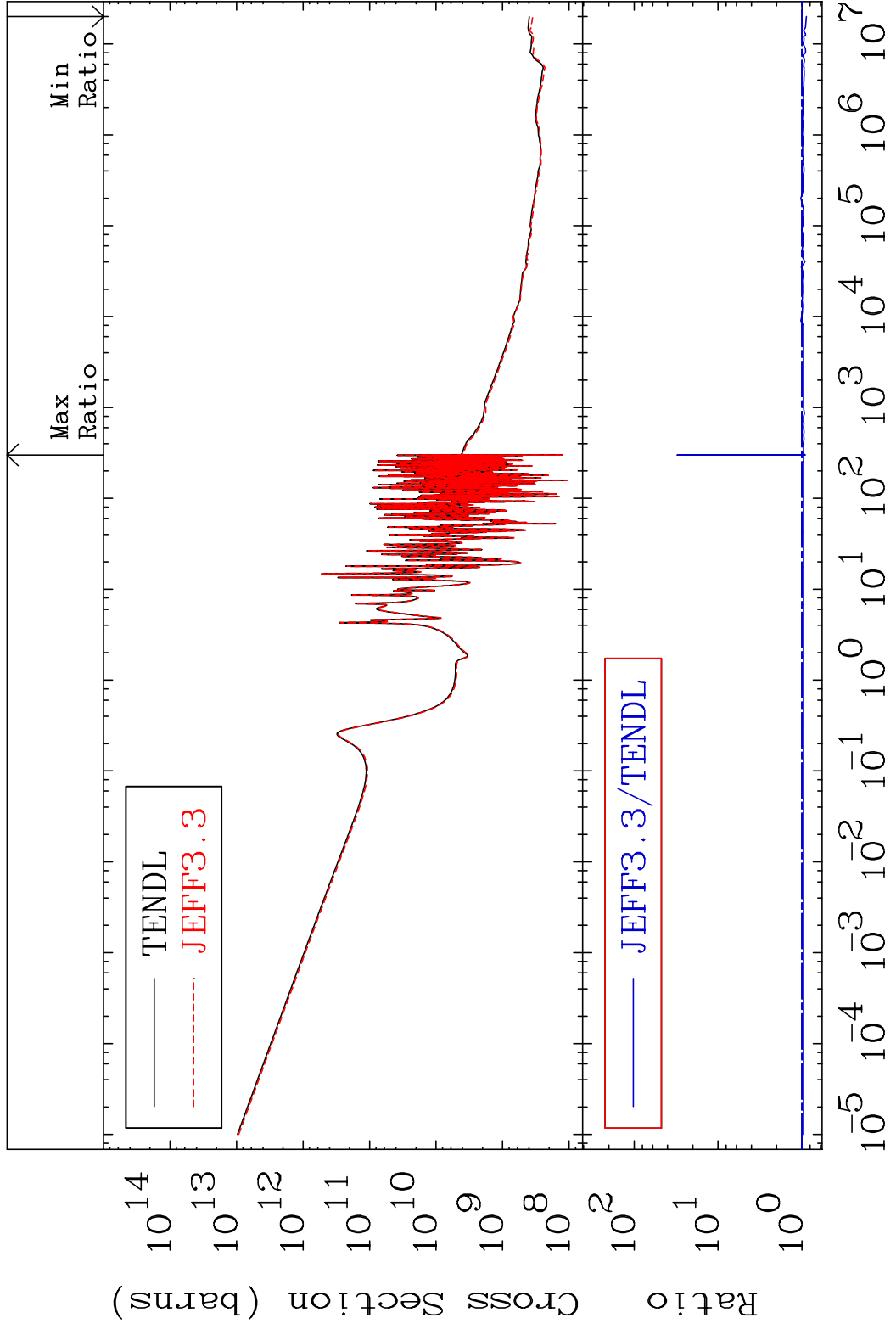


33 Incident Energy (eV) 94-Pu-241

MAT 9443 Kerma inelastic (mt51-91) 94-Pu-241
 Cross Section -75.31 To 45.24 %

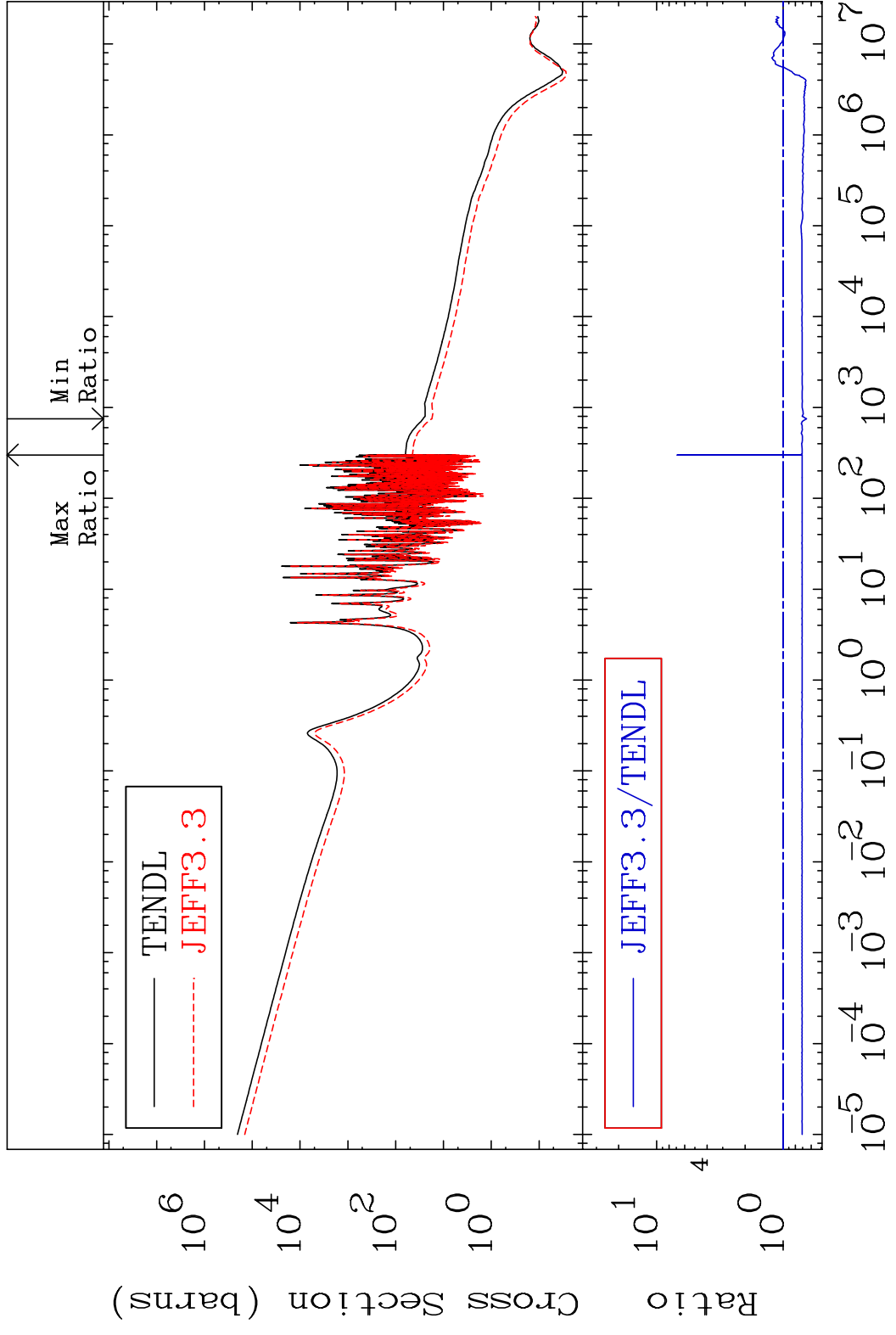


MAT 9443 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-241
 Cross Section -11.65 To 2967. %



MAT 9443

Kerma capture (mt102) 94-Pu-241
Cross Section -34.62 To 588.8 %

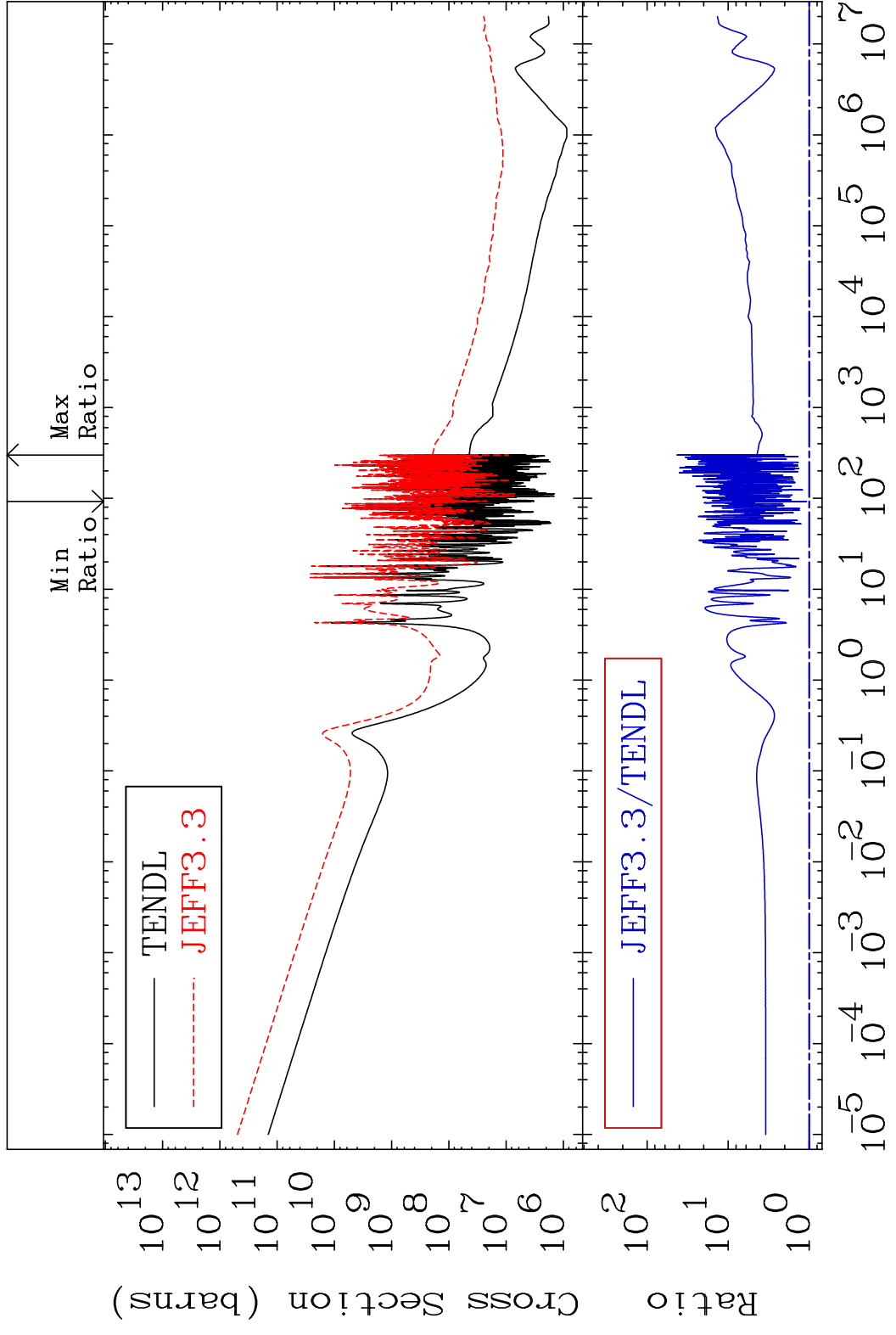


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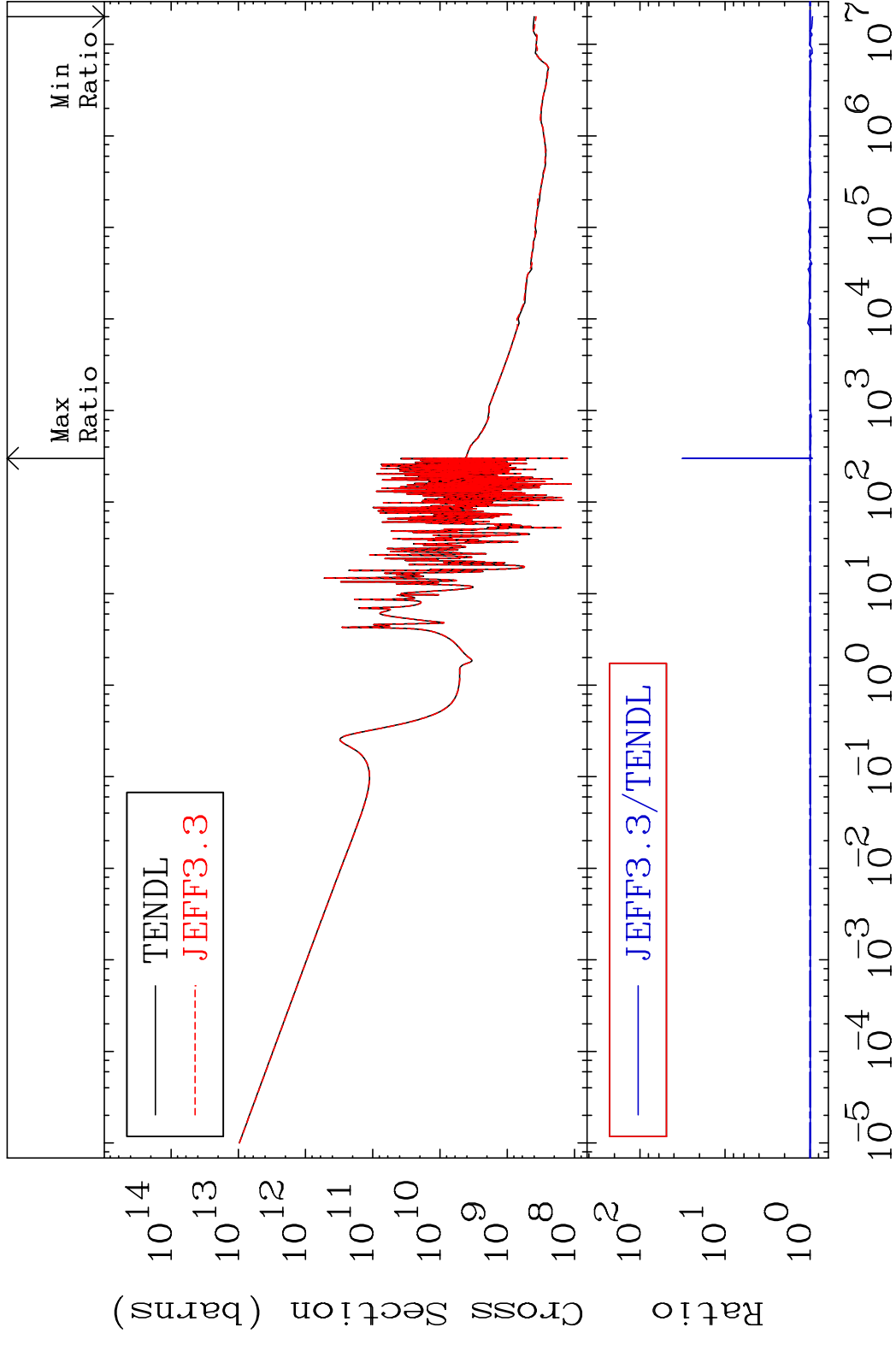
Incident Energy (eV)

94-Pu-241

MAT 9443 Total photon (eV-barns) 94-Pu-241
 Cross Section 8.409 To 4149. %

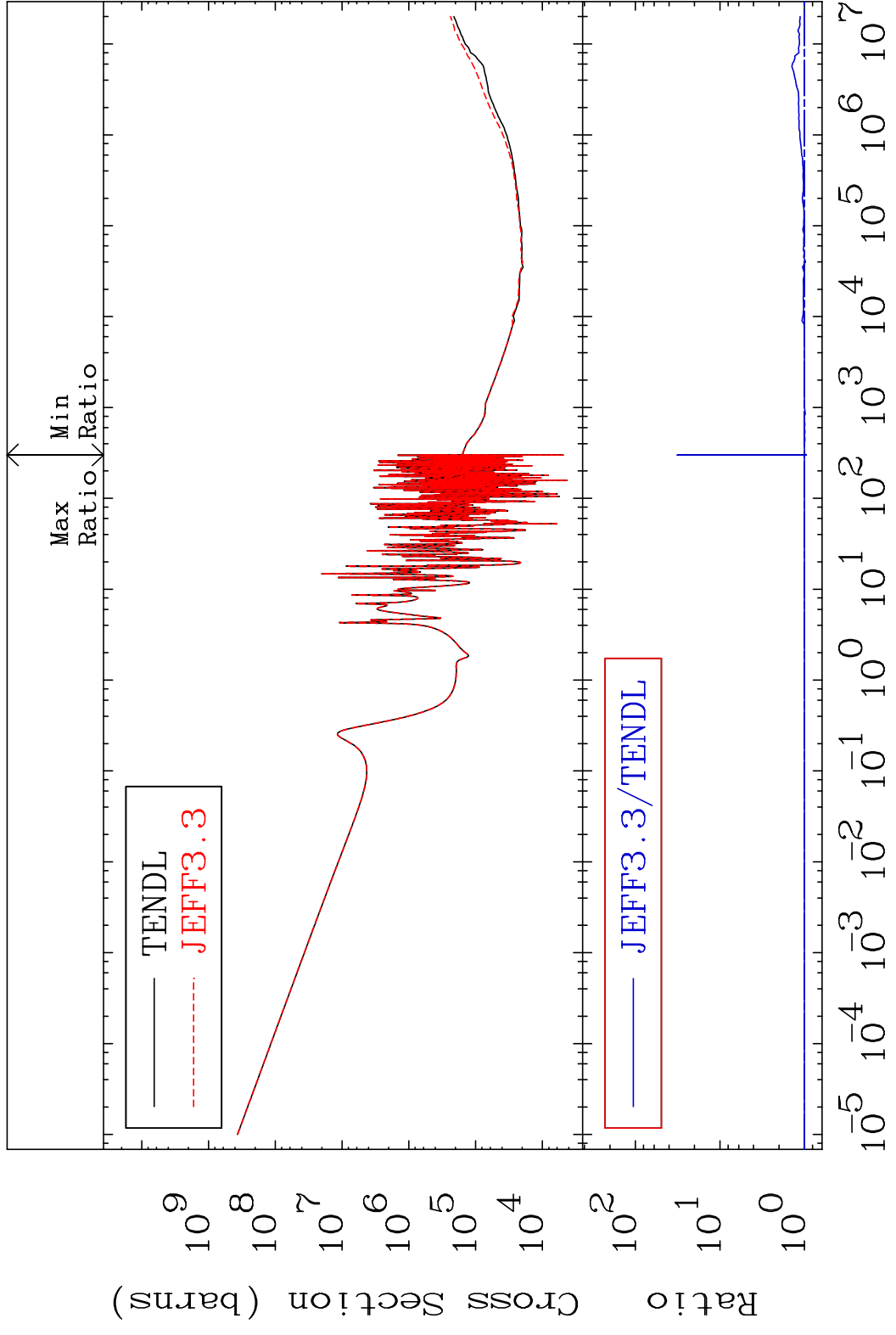


MAT 9443 Total kinematic kerma (high limit) 94-Pu-241
 Cross Section -6.218 To 3082. %



MAT 9443

Dpa total (eV-barns) 94-Pu-241
Cross Section -5.159 To 3105. %



39

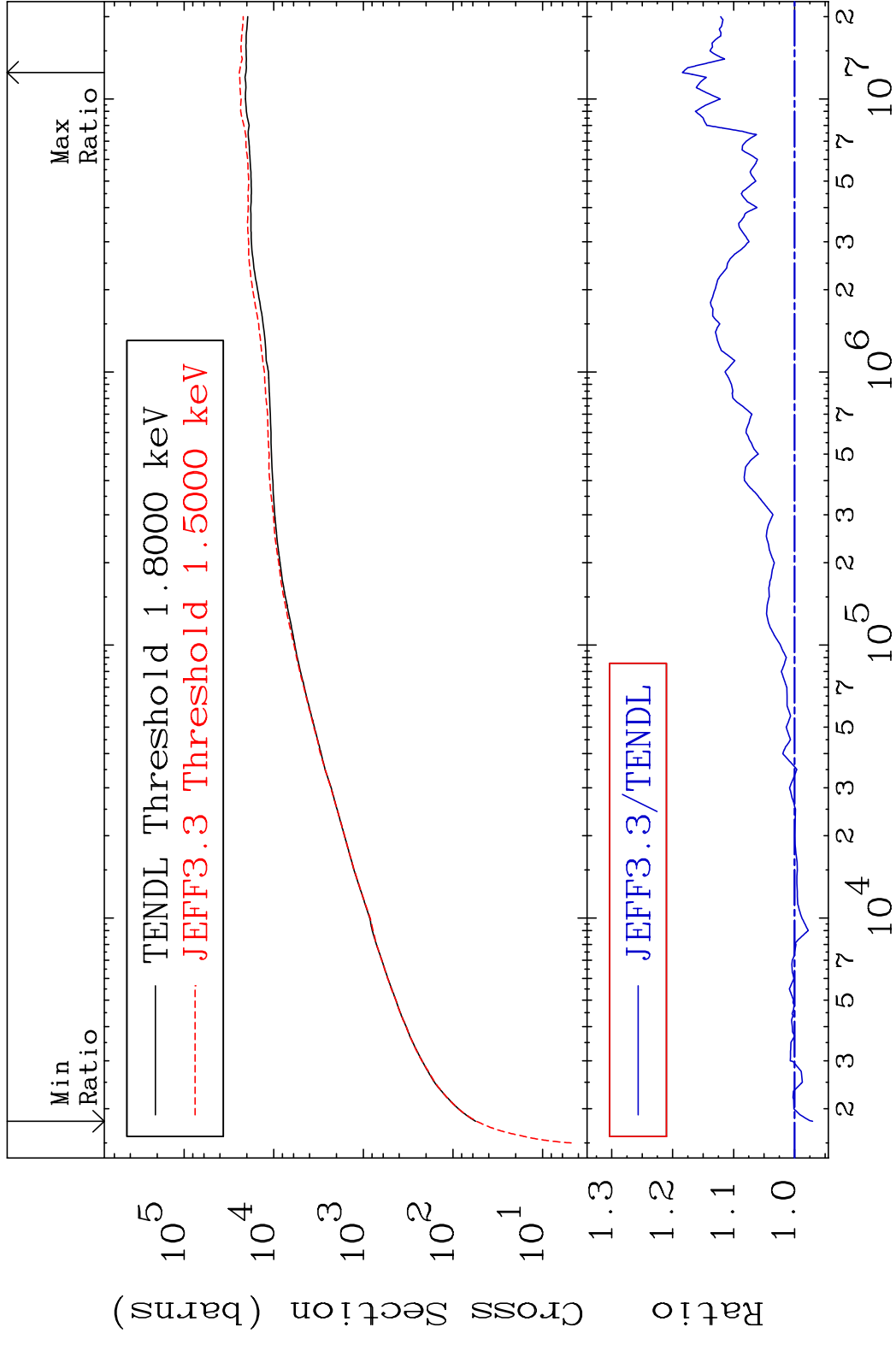
Incident Energy (eV) 94-Pu-241

MAT 9443

Dpa elastic (mt2)

94-Pu-241

Cross Section -2.953 To 18.41 %

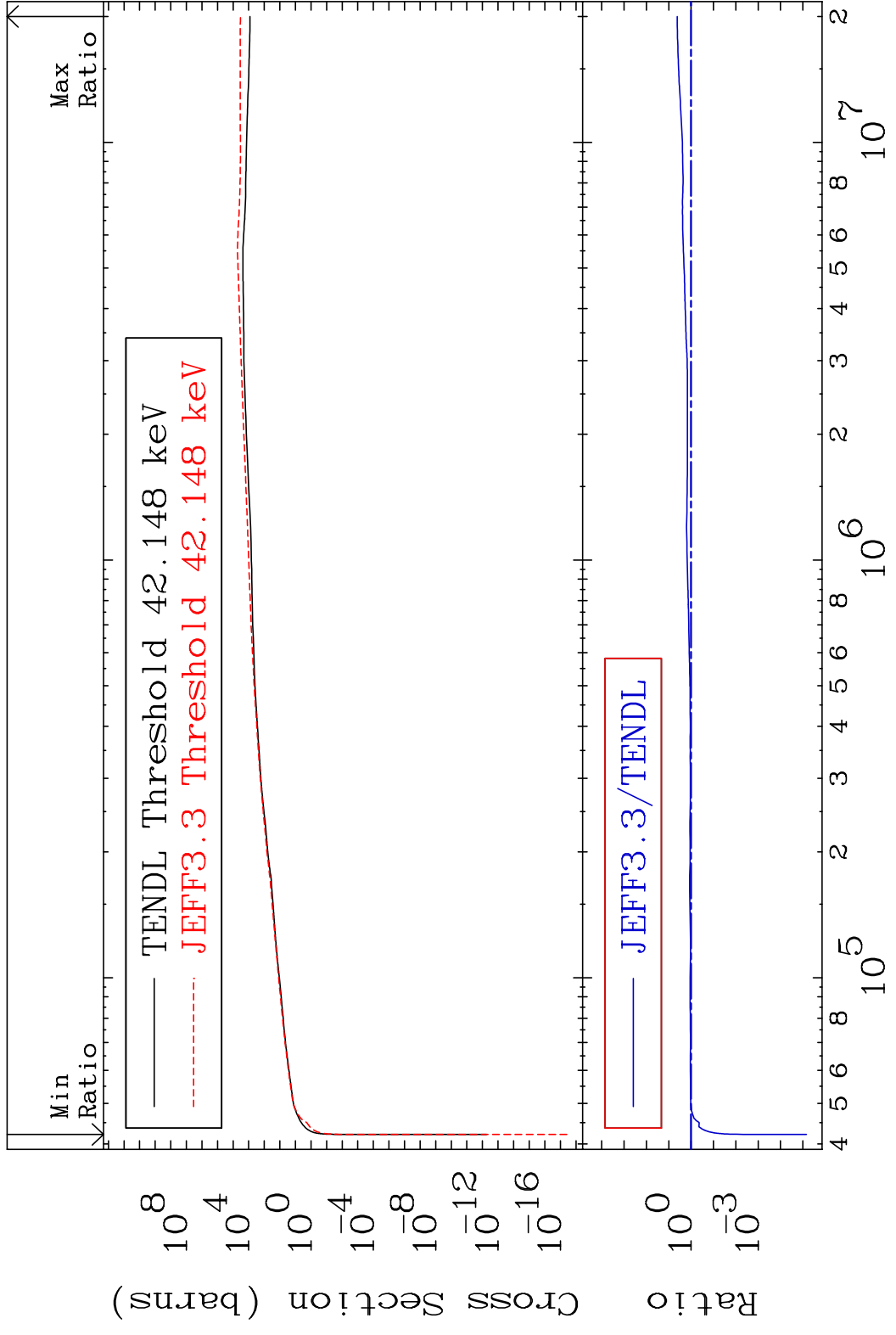


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Incident Energy (eV)

94-Pu-241

MAT 9443 Dpa inelastic (mt51-91) 94-Pu-241
 Cross Section -100.0 To 318.9 %



MAT 9443 Dpa disappearance (mt102 -120) 94-Pu-241
 Cross Section -99.99 To 400.9 %

