

Program Complot
(Version 2021-1)

by

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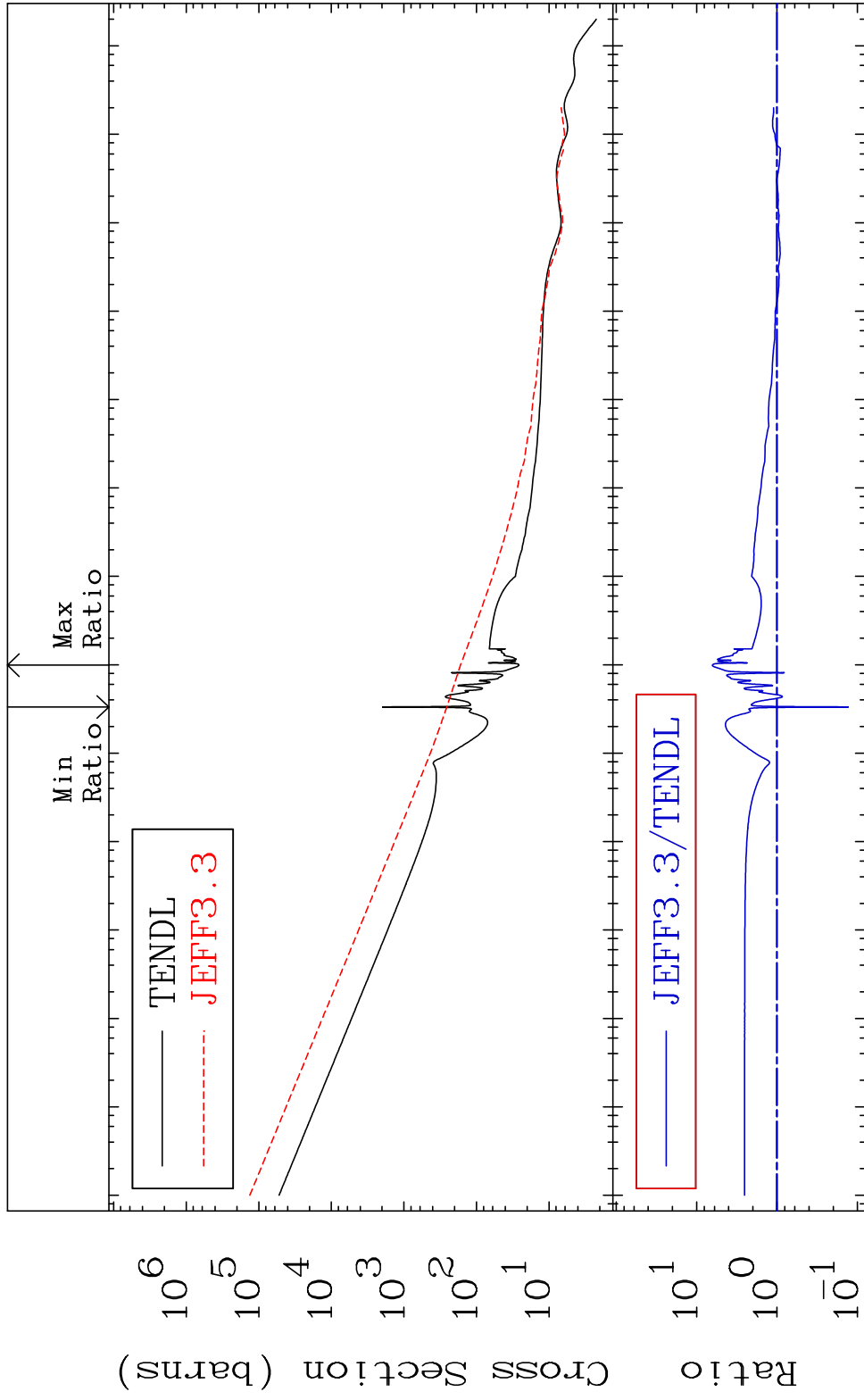
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9431

Total Cross Section

94-Pu-237 -87.00 To 536.9 %

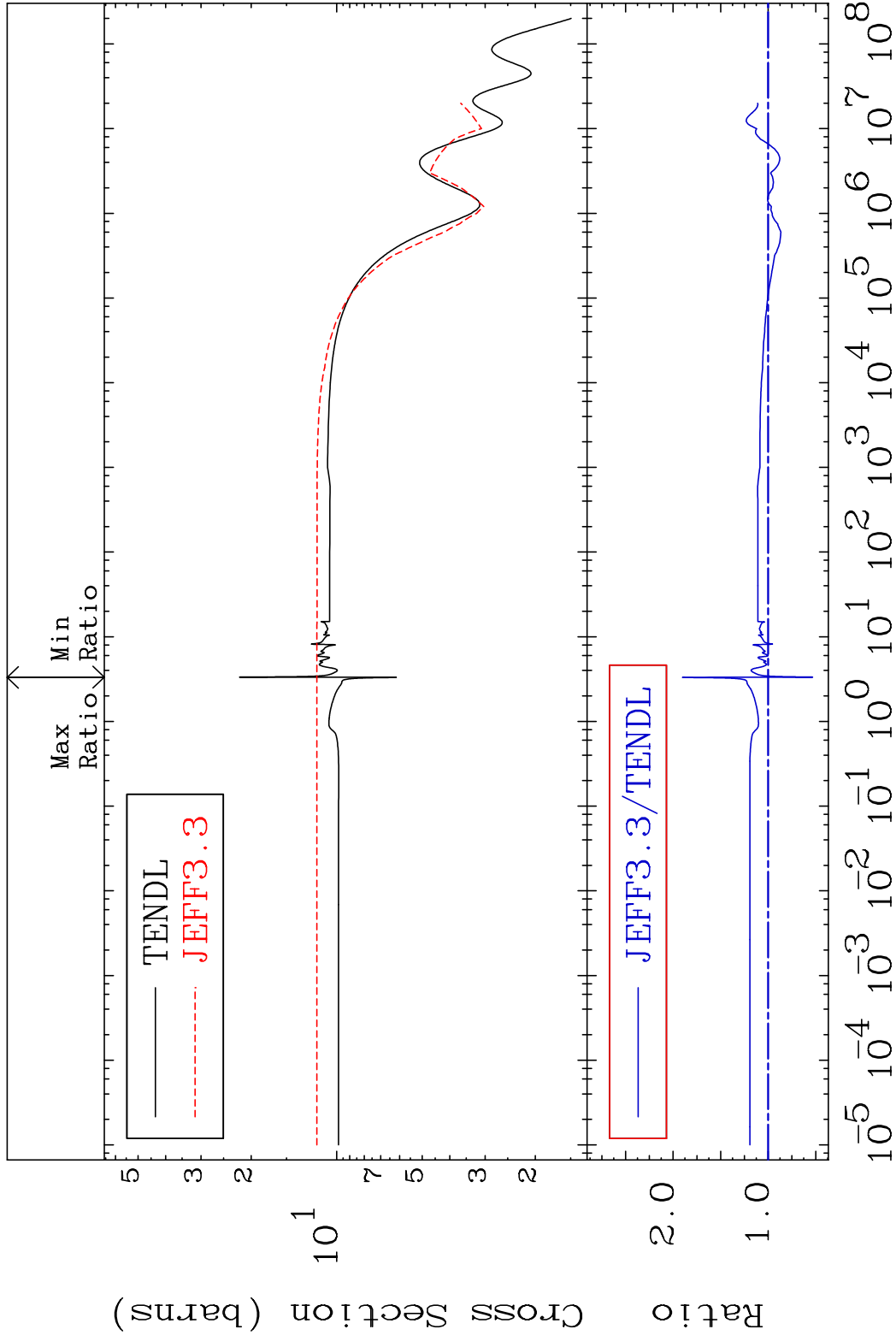


1 Incident Energy (eV) 94-Pu-237

MAT 9431

Elastic
Cross Section -46.69 To 90.27 %

94-Pu-237



2

Incident Energy (eV)

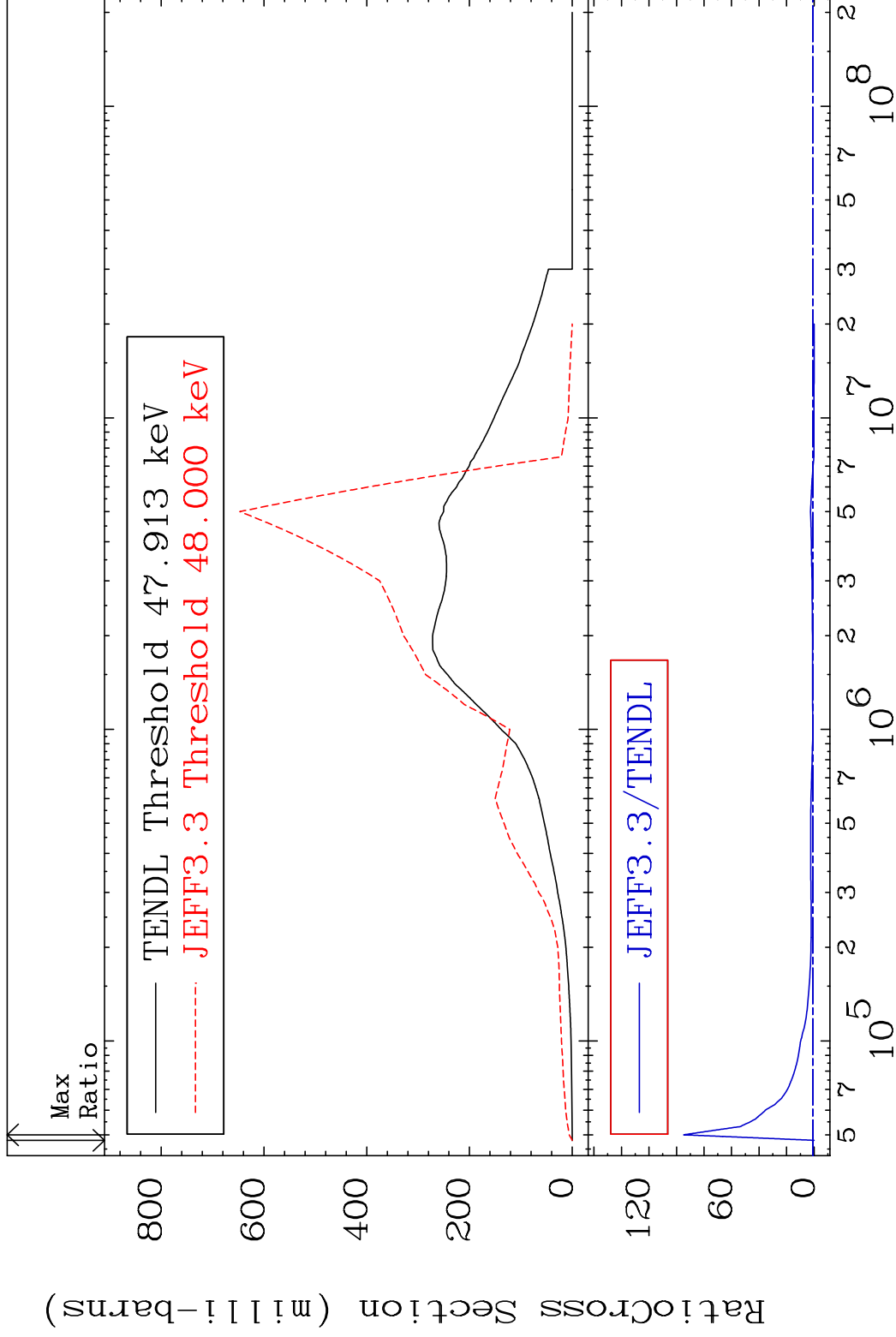
94-Pu-237

MAT 9431

Inelastic

94-Pu-237

Cross Section -100.0 To 9380. %



3

Incident Energy (eV)

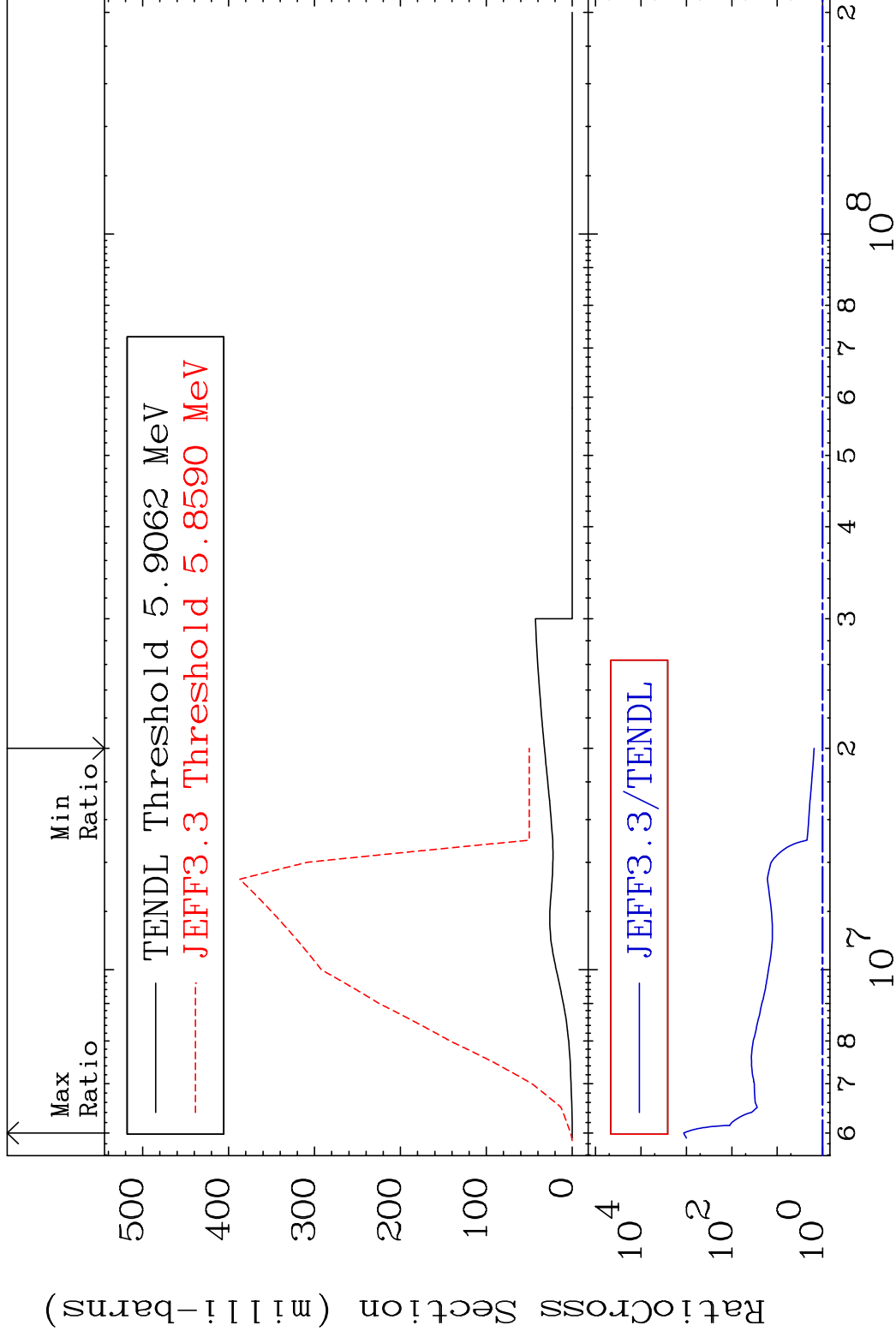
94-Pu-237

MAT 9431

(n,2n)

94-Pu-237

Cross Section 54.39 To 9999. %



4

Incident Energy (eV)

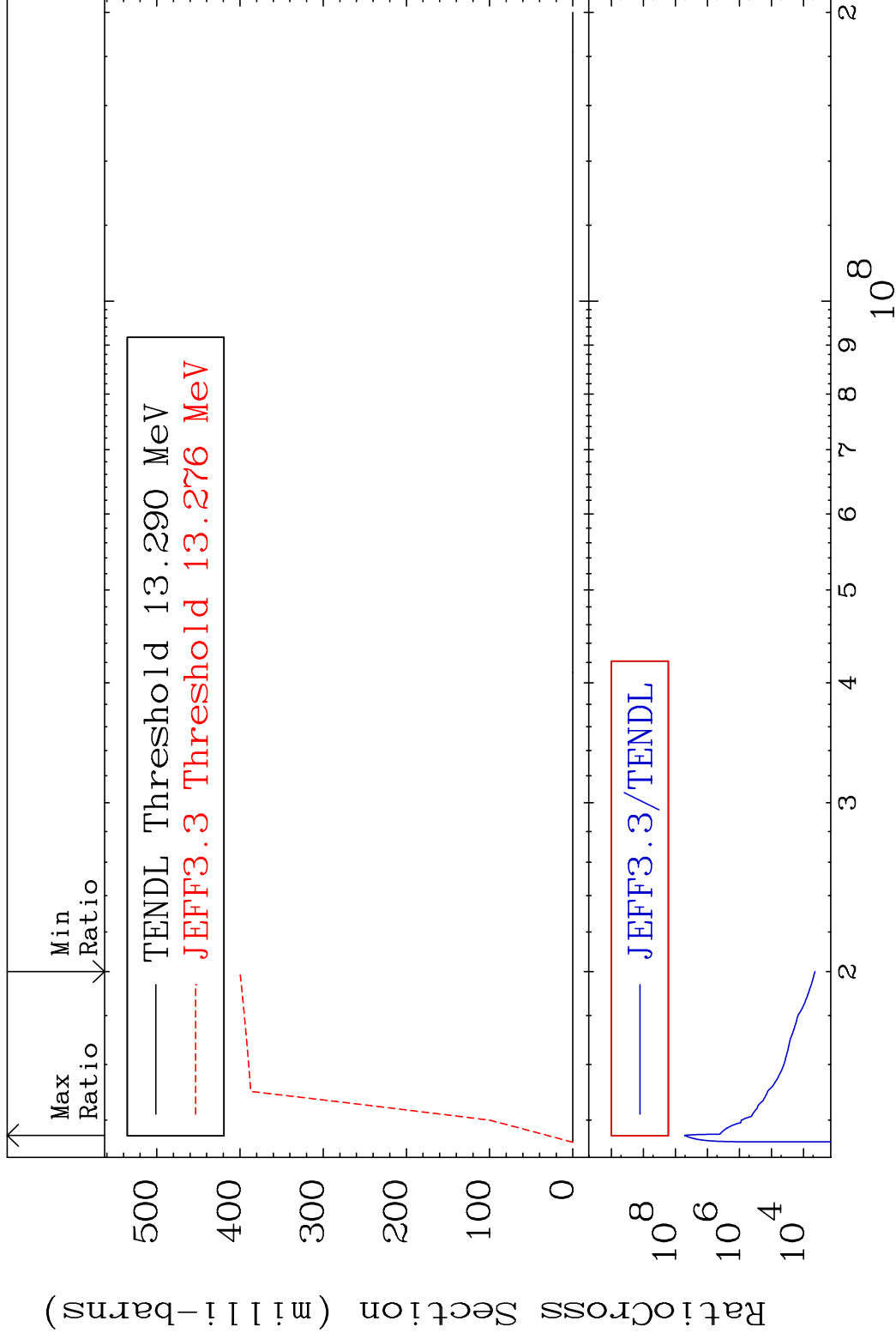
94-Pu-237

MAT 9431

(n,3n)

94-Pu-237

Cross Section 9999. To 9999. %



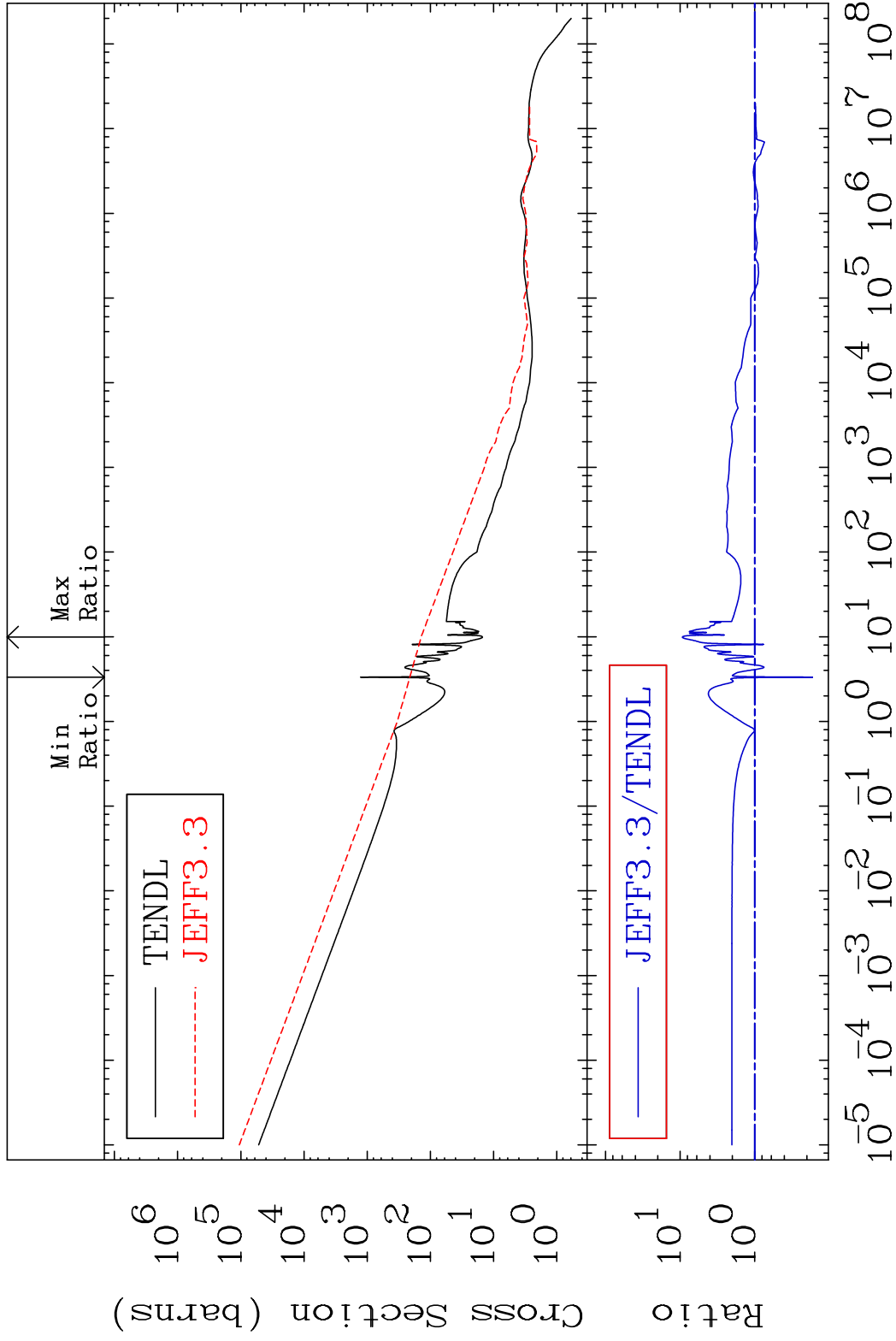
5

Incident Energy (eV)

94-Pu-237

MAT 9431

Fission Cross Section -83.21 To 835.7 %
94-Pu-237



6

Incident Energy (eV)

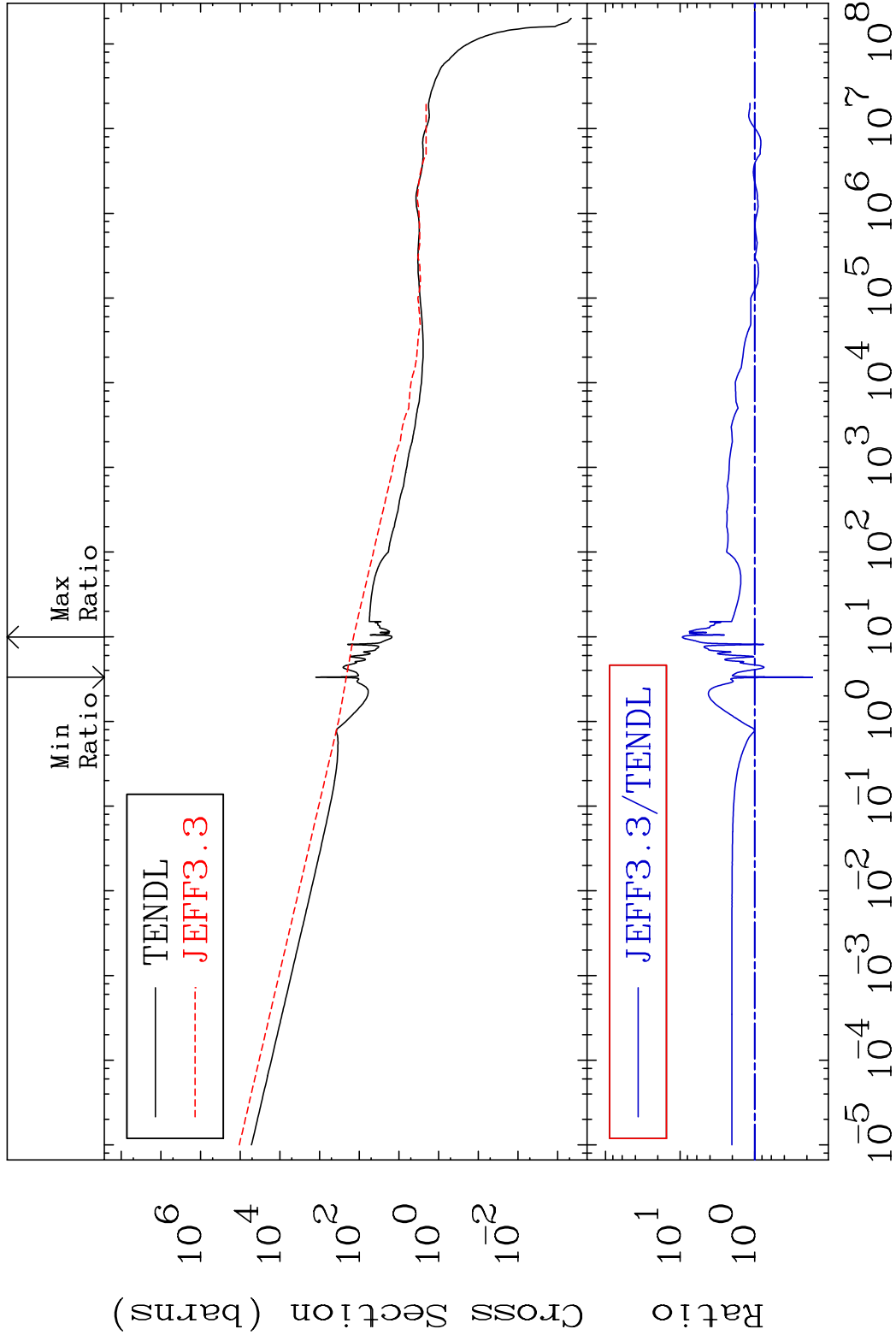
94-Pu-237

MAT 9431

(n,f) First Chance

94-Pu-237

Cross Section -83.21 To 835.7 %



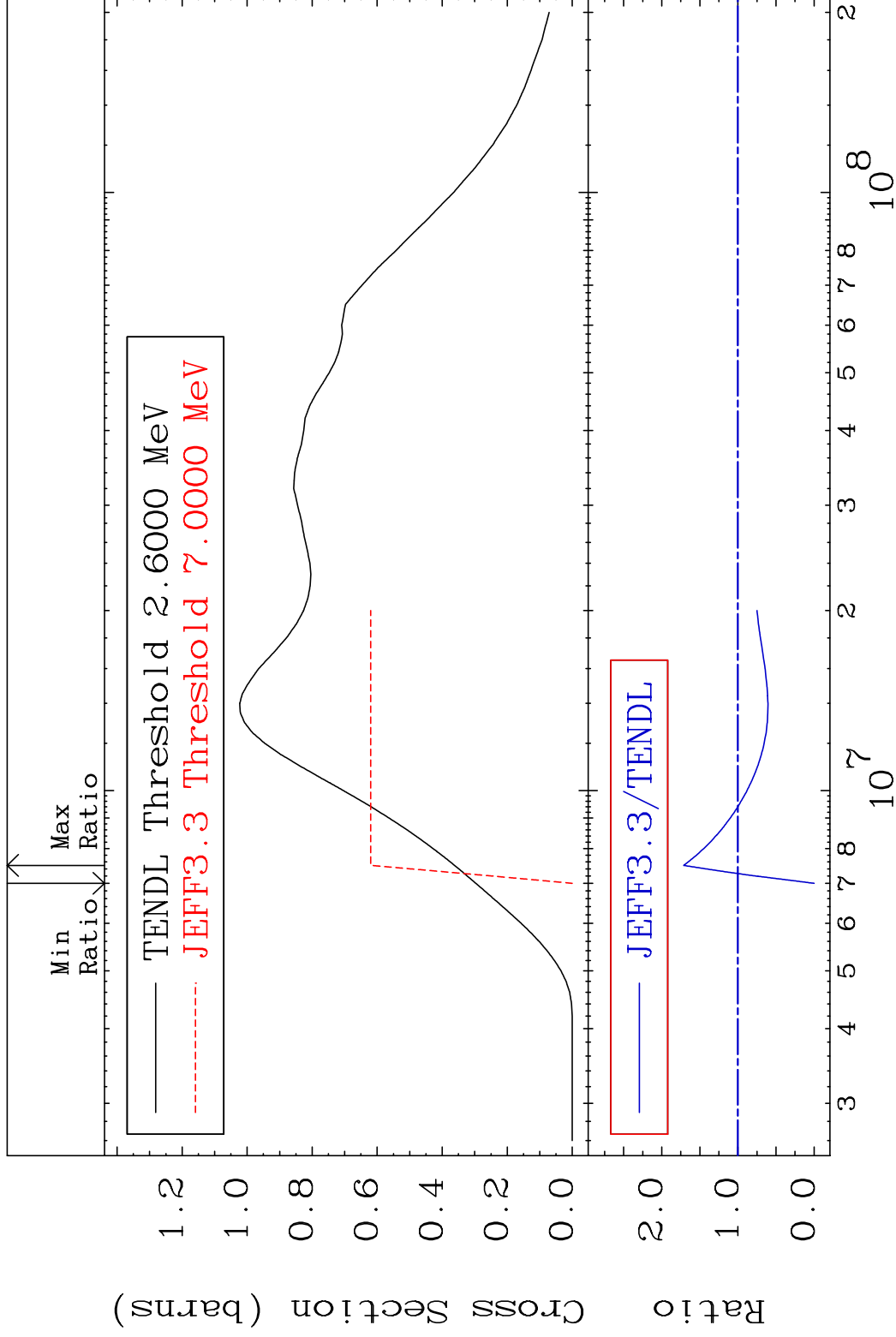
7

Incident Energy (eV)

94-Pu-237

MAT 9431

(n, nf) Second Chance 94-Pu-237
Cross Section -100.0 To 71.22 %

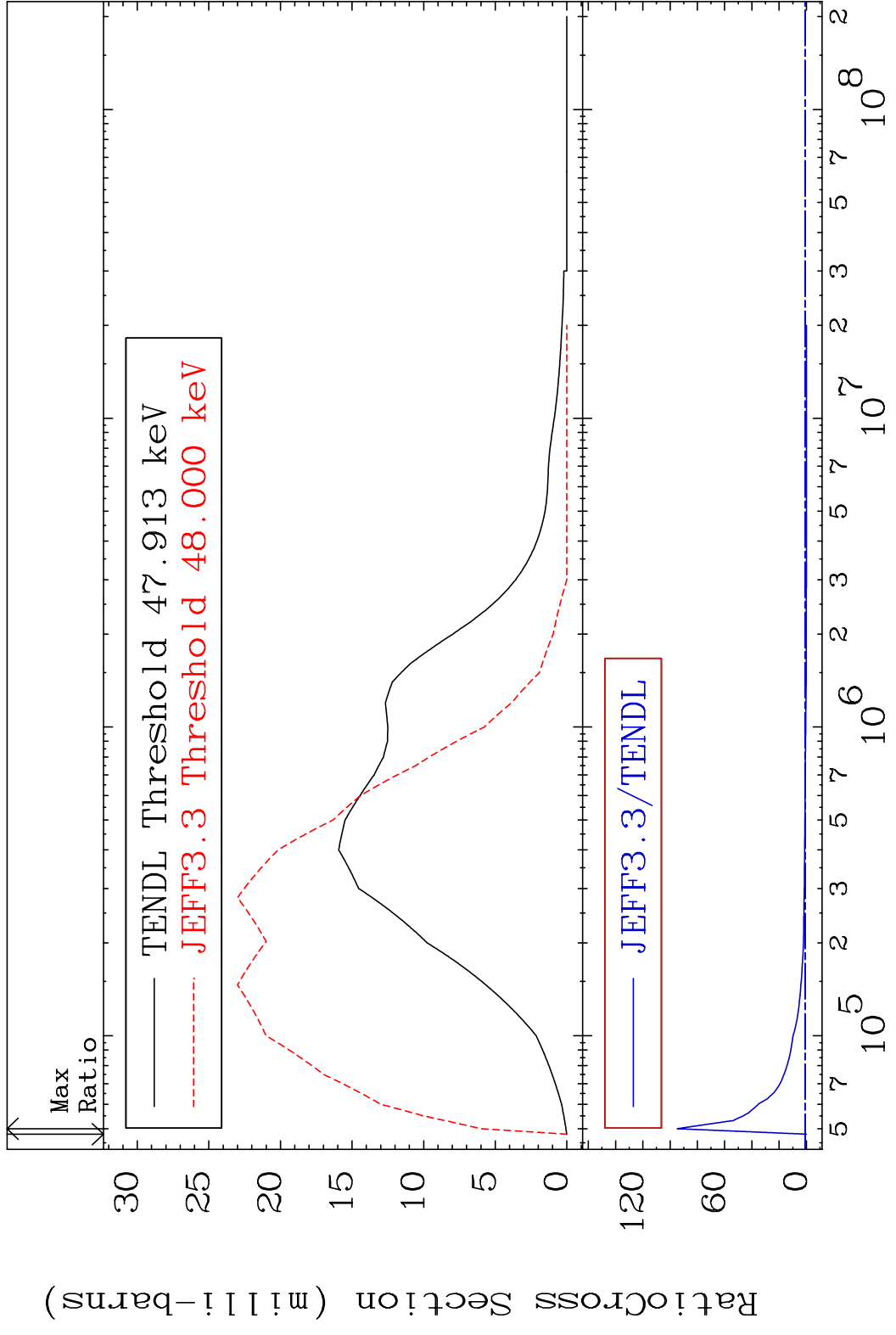


8

Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 51 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 9380. %

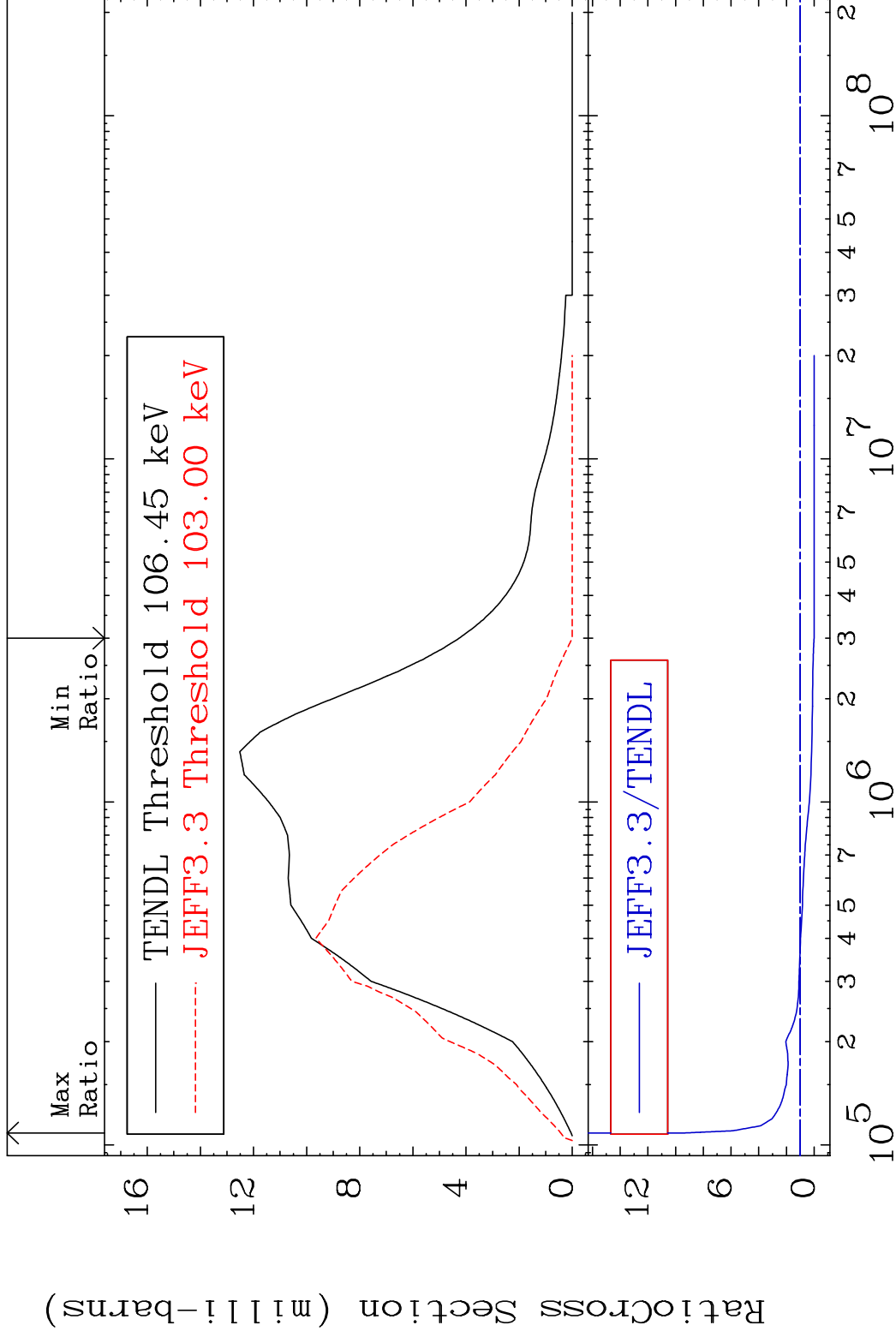


MAT 9431

MT= 52 (n, n') Level

94-Pu-237

Cross Section -100.0 To 841.7 %

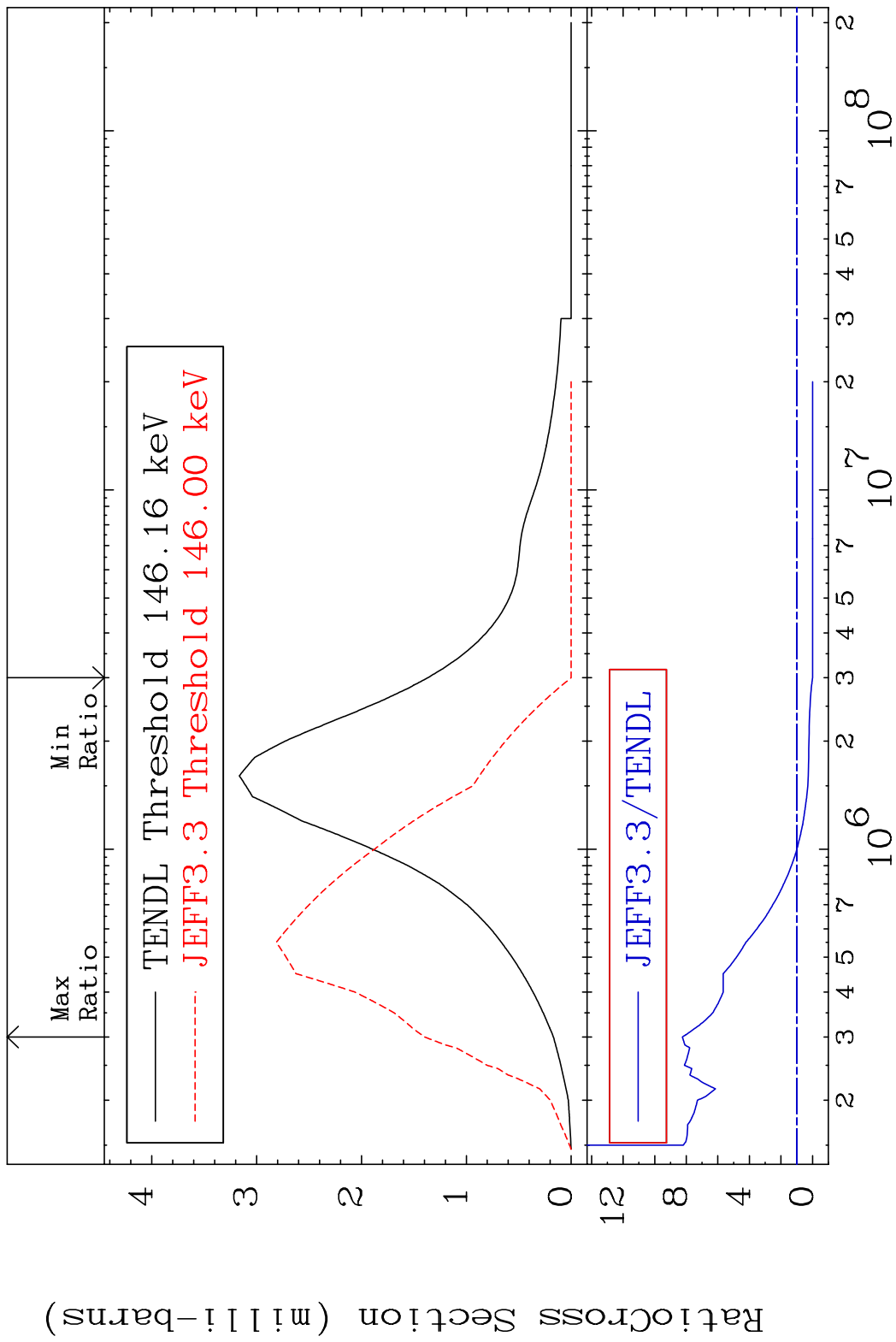


10

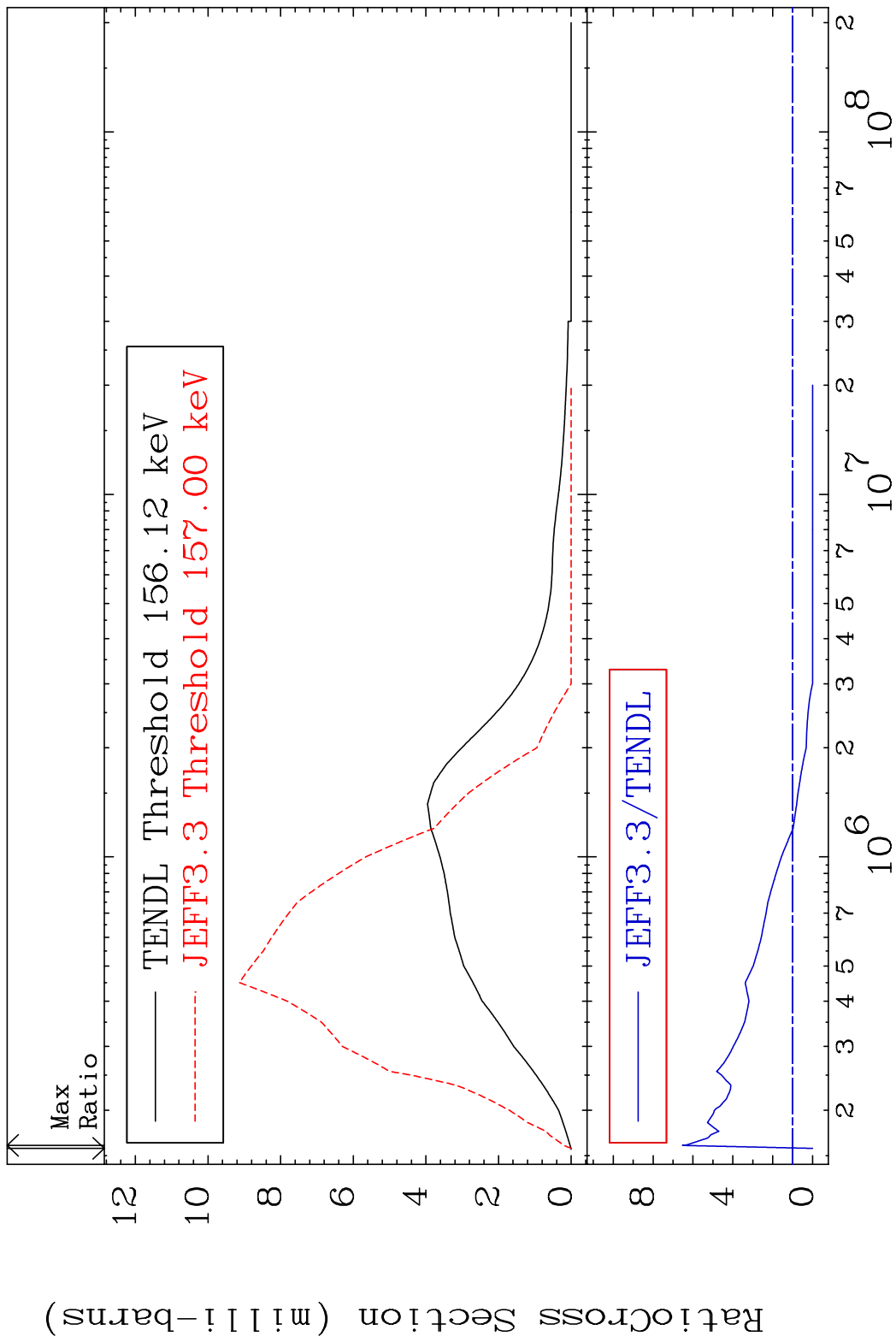
Incident Energy (eV)

94-Pu-237

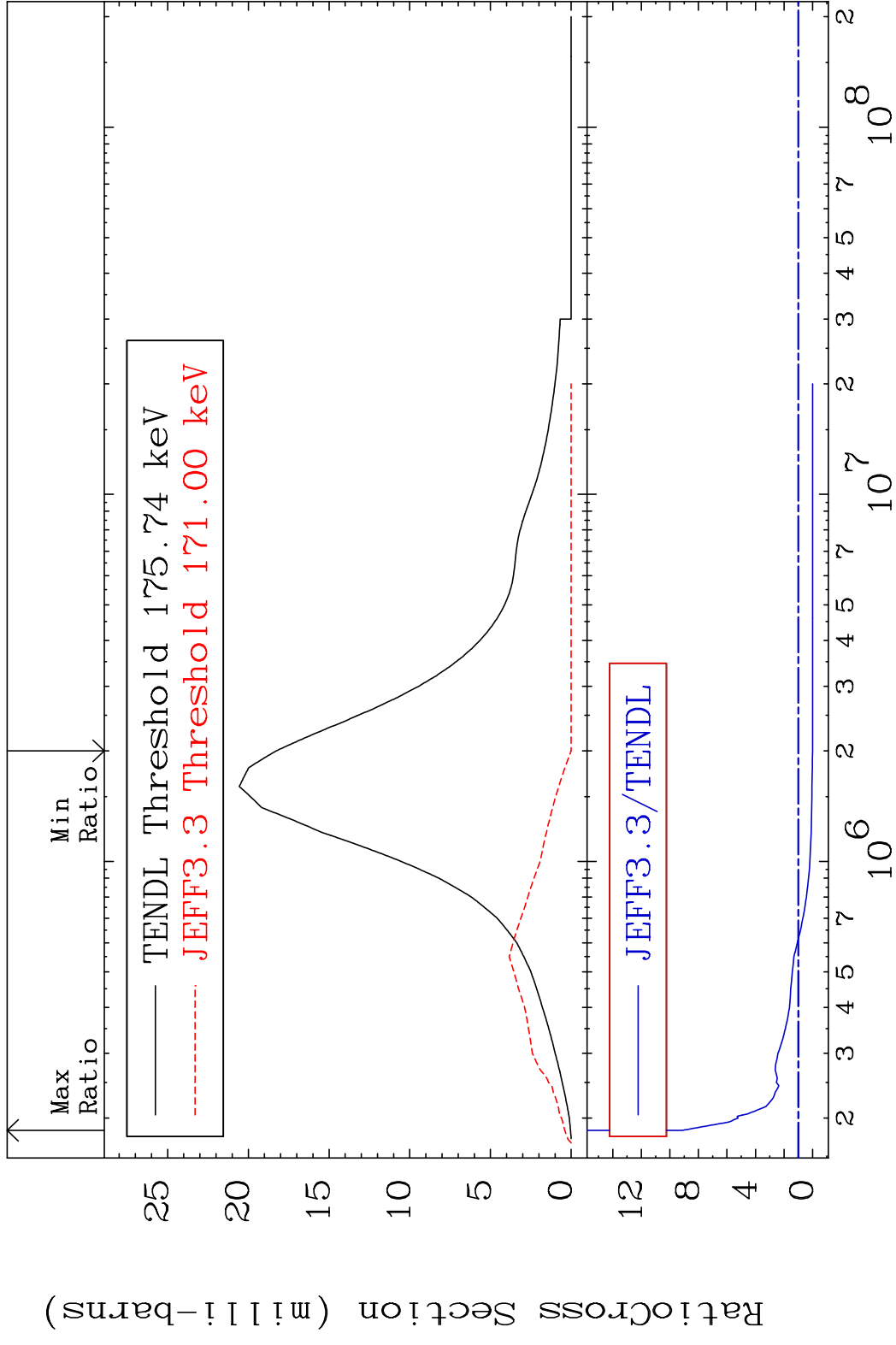
MAT 9431 MT= 53 (n, n') Level 94-Pu-237
 Cross Section -100.0 To 724.8 %



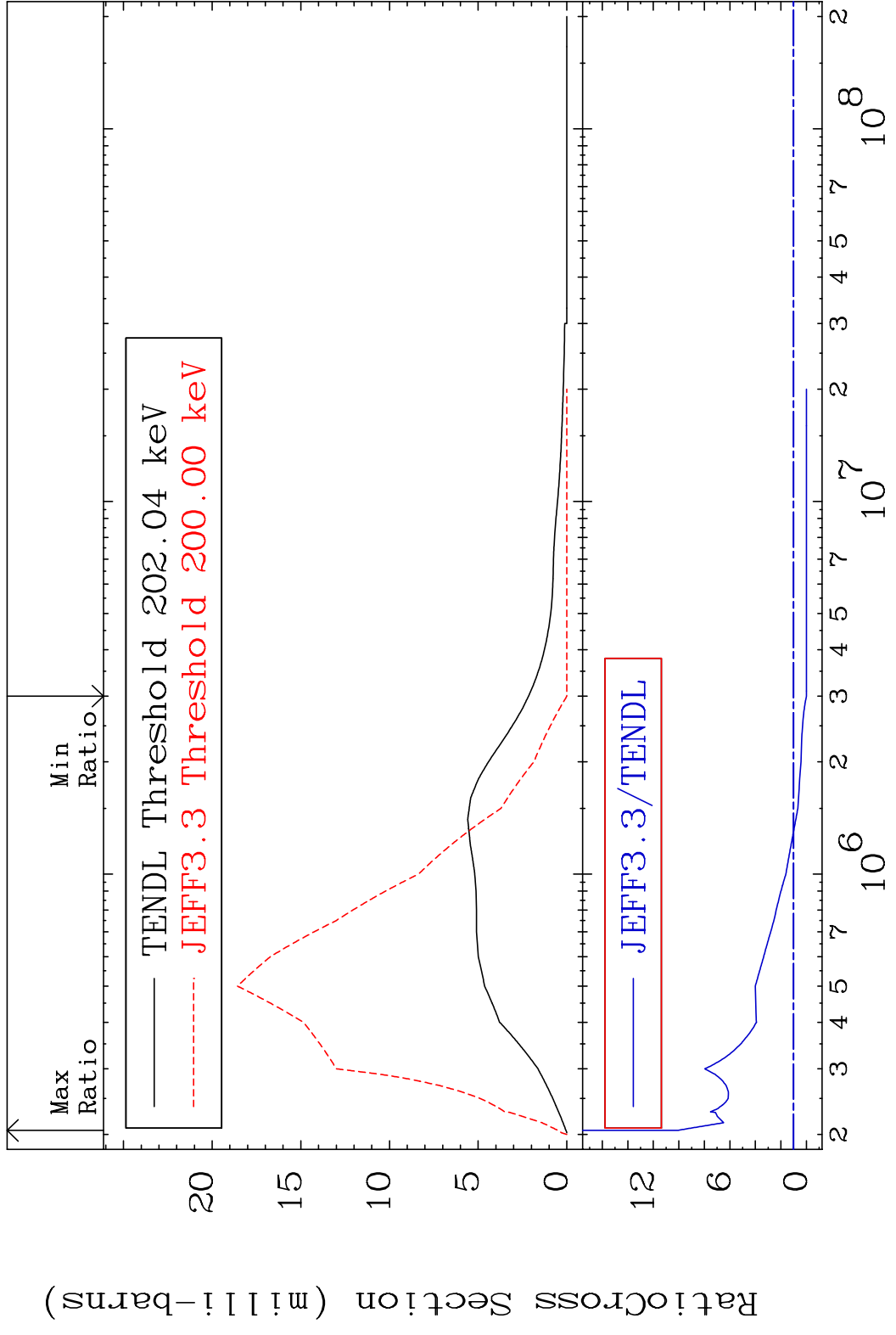
MAT 9431 MT= 54 (n, n') Level 94-Pu-237
 Cross Section -100.0 To 553.3 %



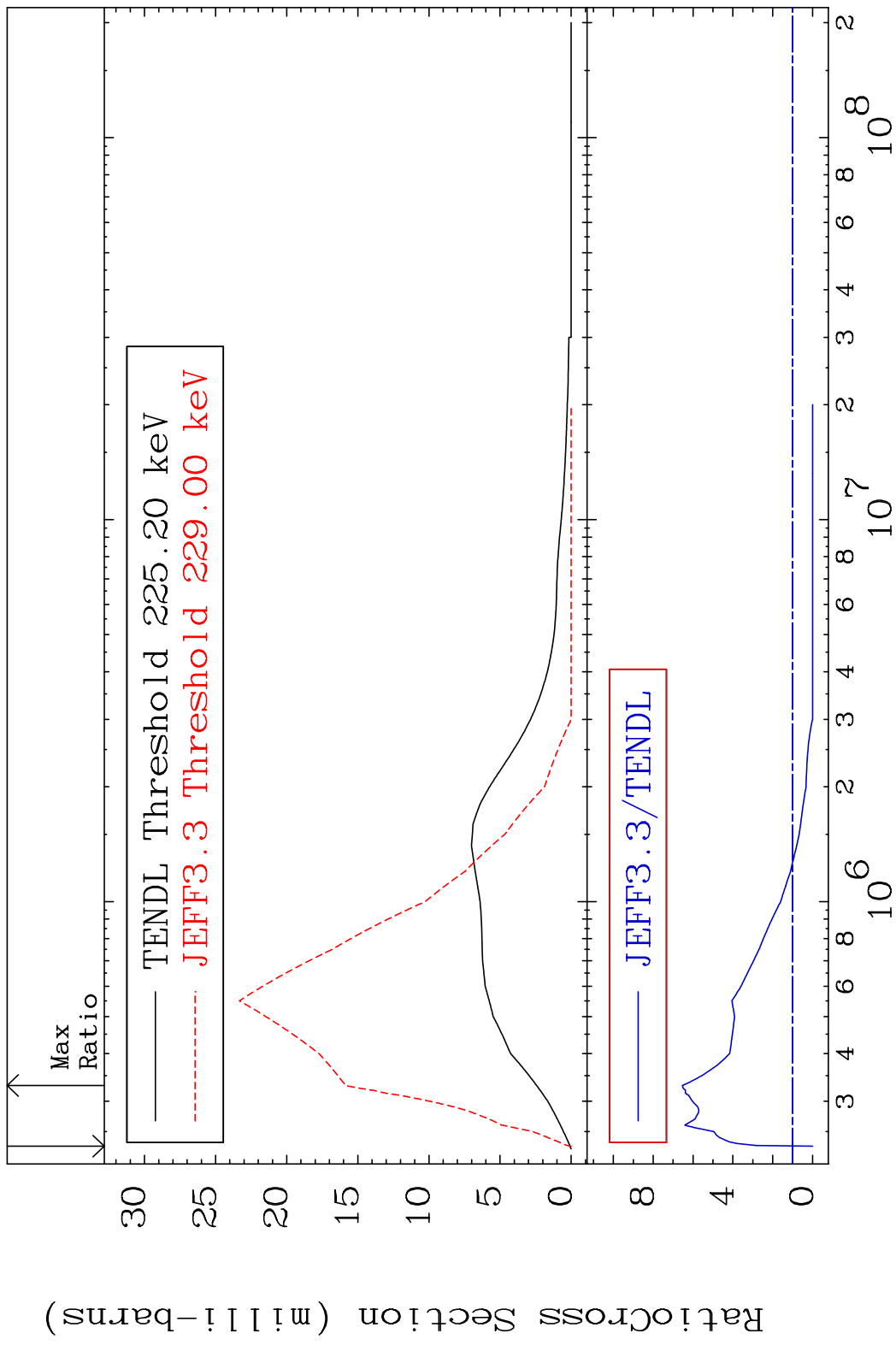
MAT 9431 MT= 55 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 812.6 %



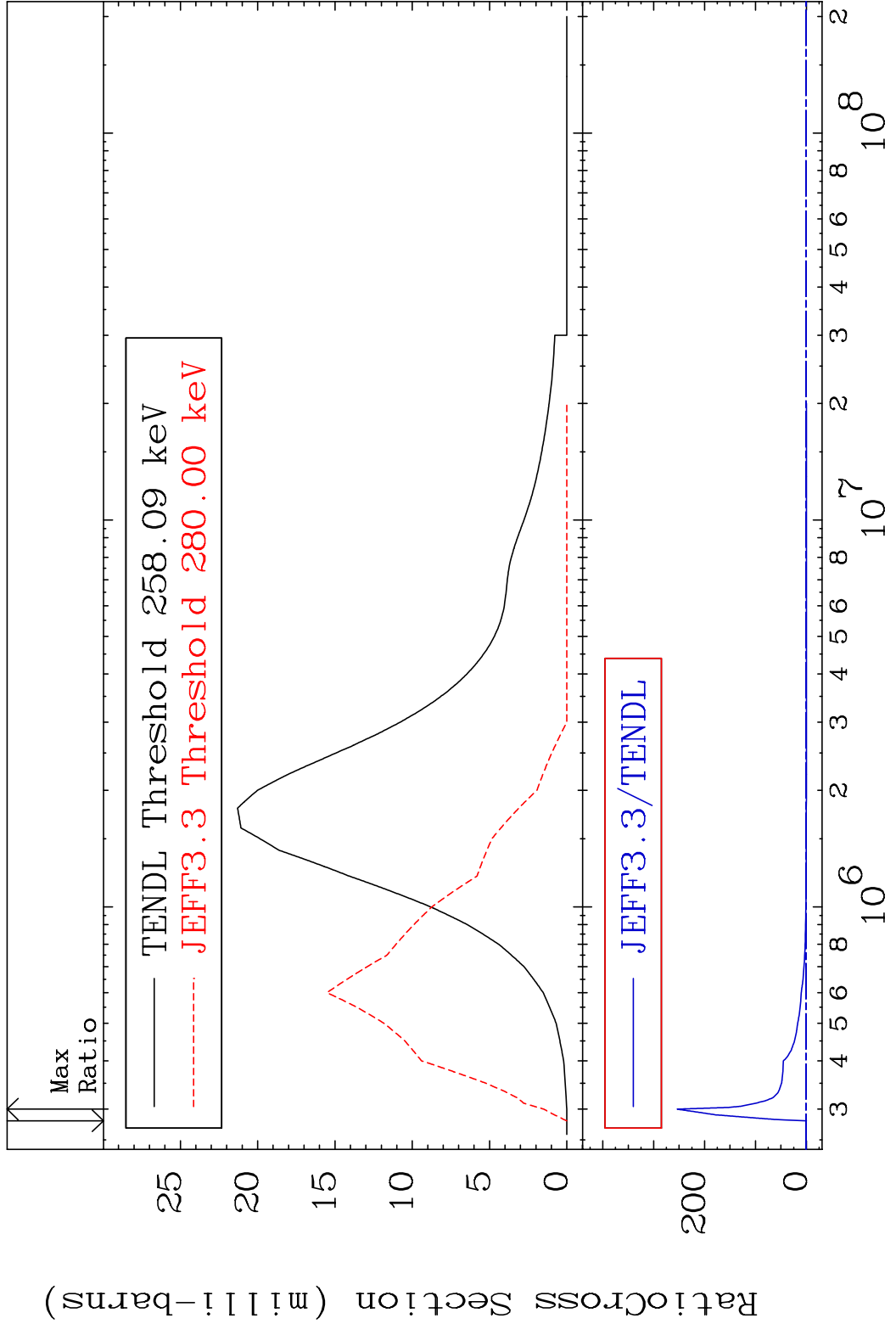
MAT 9431 MT= 56 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 913.0 %



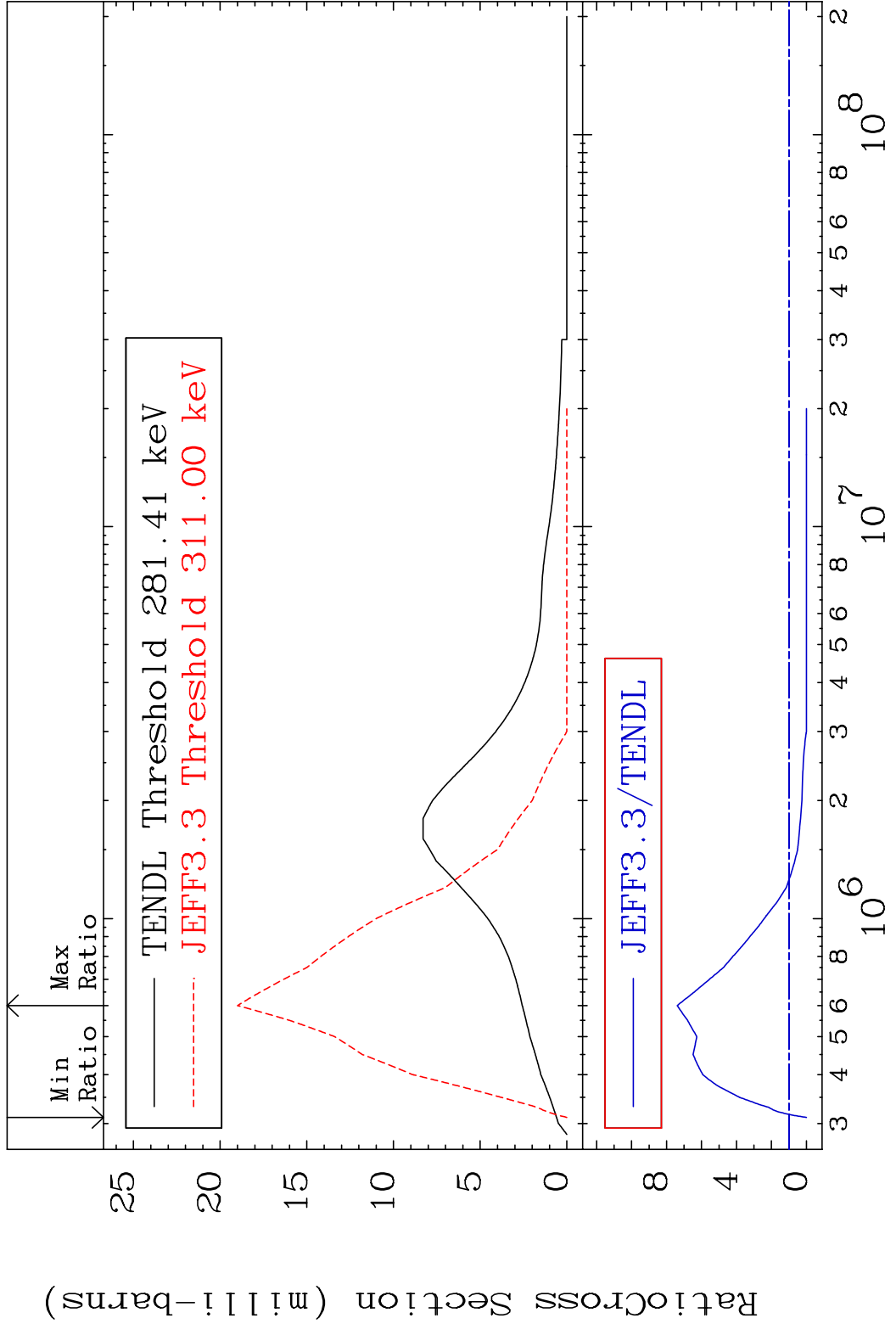
MAT 9431 MT= 57 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 553.7 %



MAT 9431 MT= 58 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 9999. %



MAT 9431 MT= 59 (n, n') Level 94-Pu-237
 Cross Section -100.0 To 639.2 %

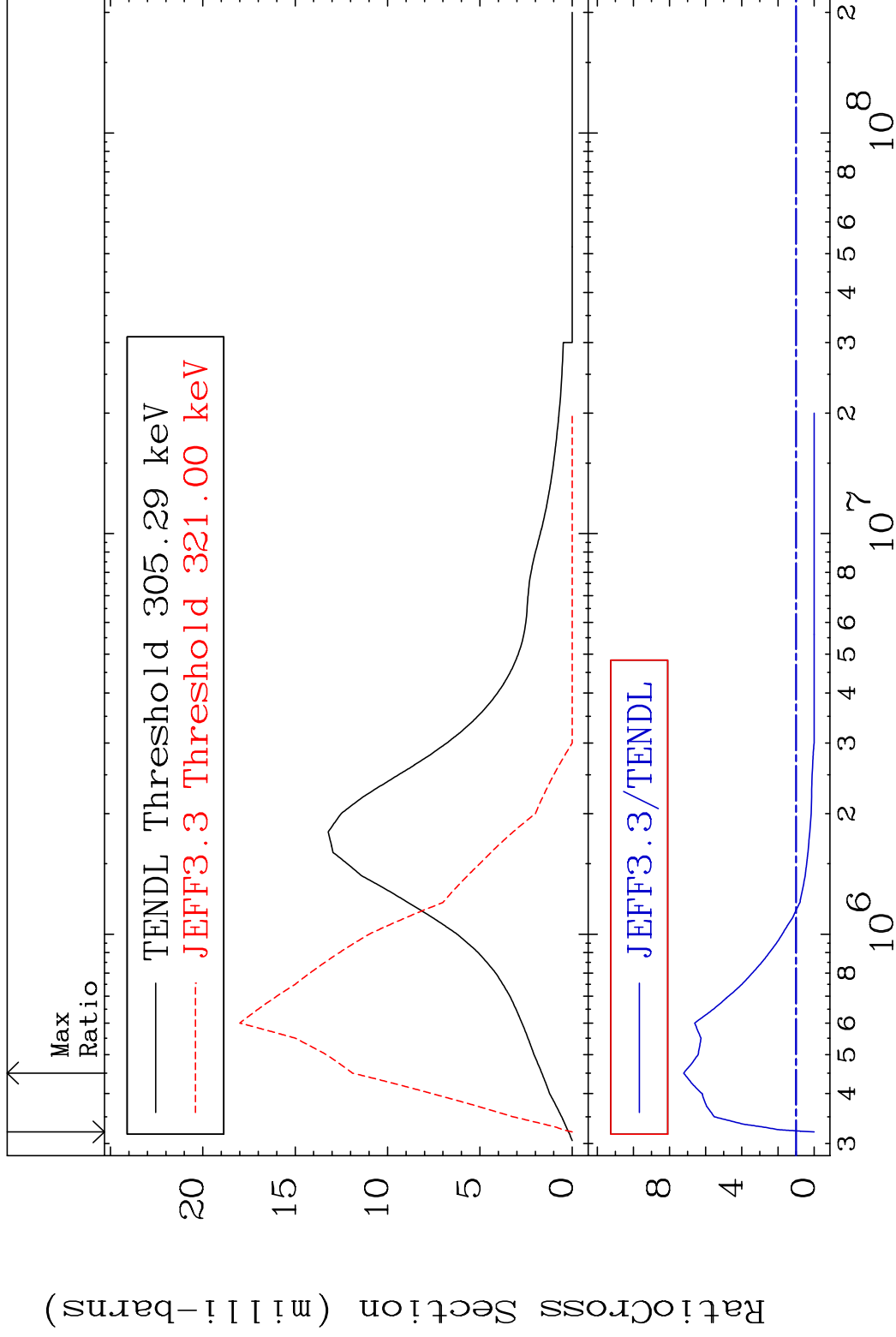


MAT 9431

MT= 60 (n, n') Level

94-Pu-237

Cross Section -100.0 To 621.8 %



18

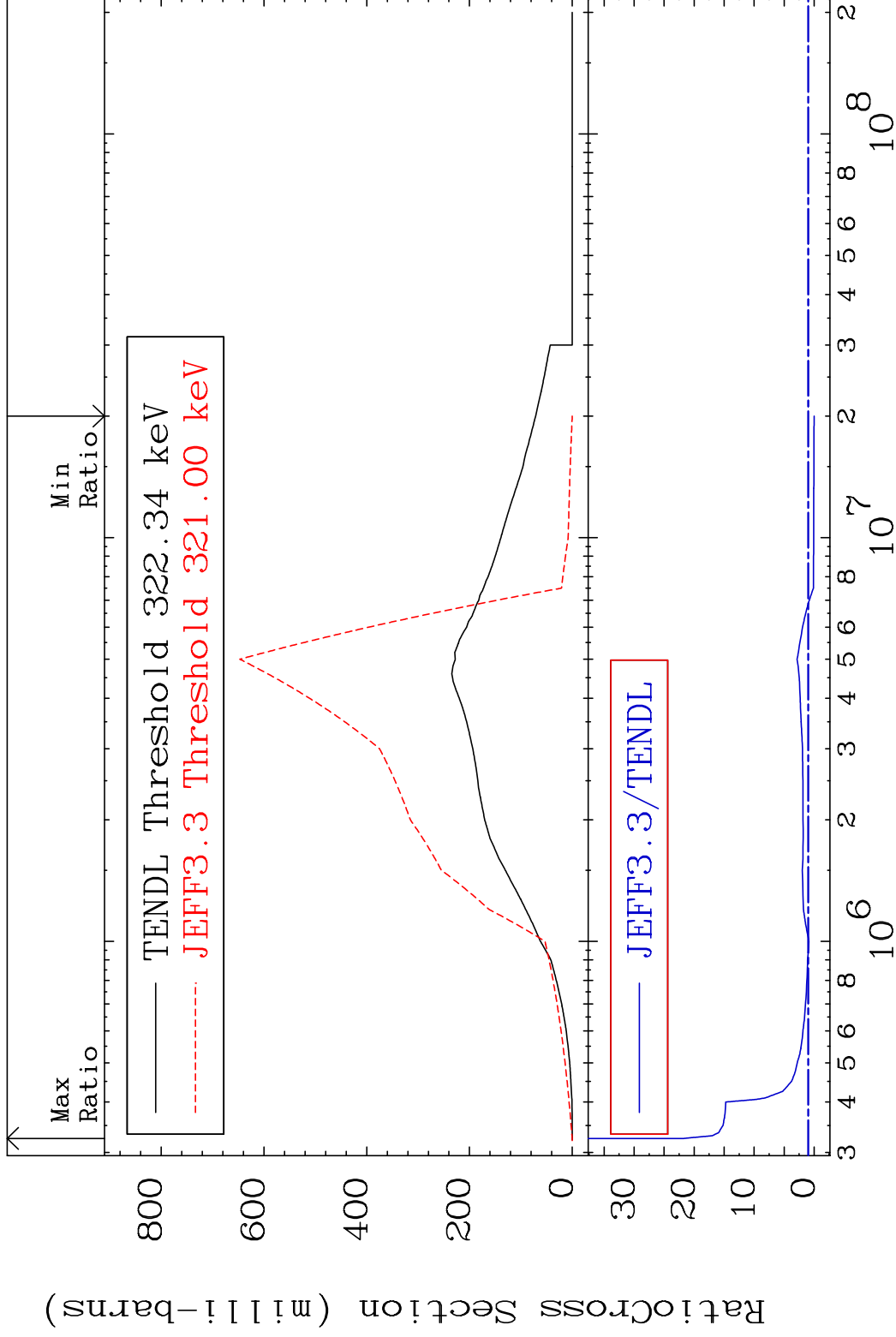
Incident Energy (eV)

94-Pu-237

MAT 9431

(n, n') Continuum
Cross Section -100.0 To 2074. %

94-Pu-237



19

Incident Energy (eV)

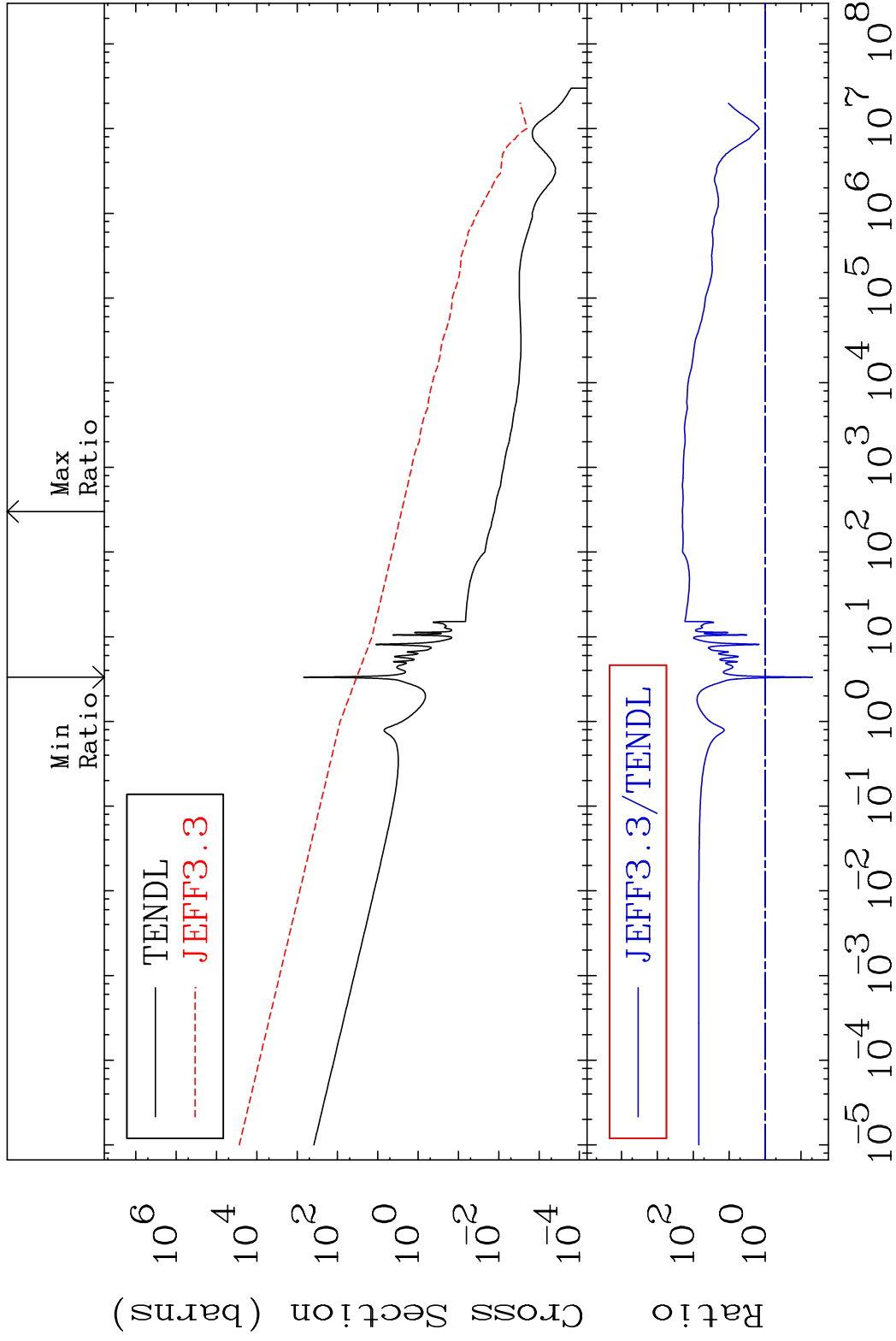
94-Pu-237

MAT 9431

94-Pu-237

(n, γ)

Cross Section -95.22 To 9999. %



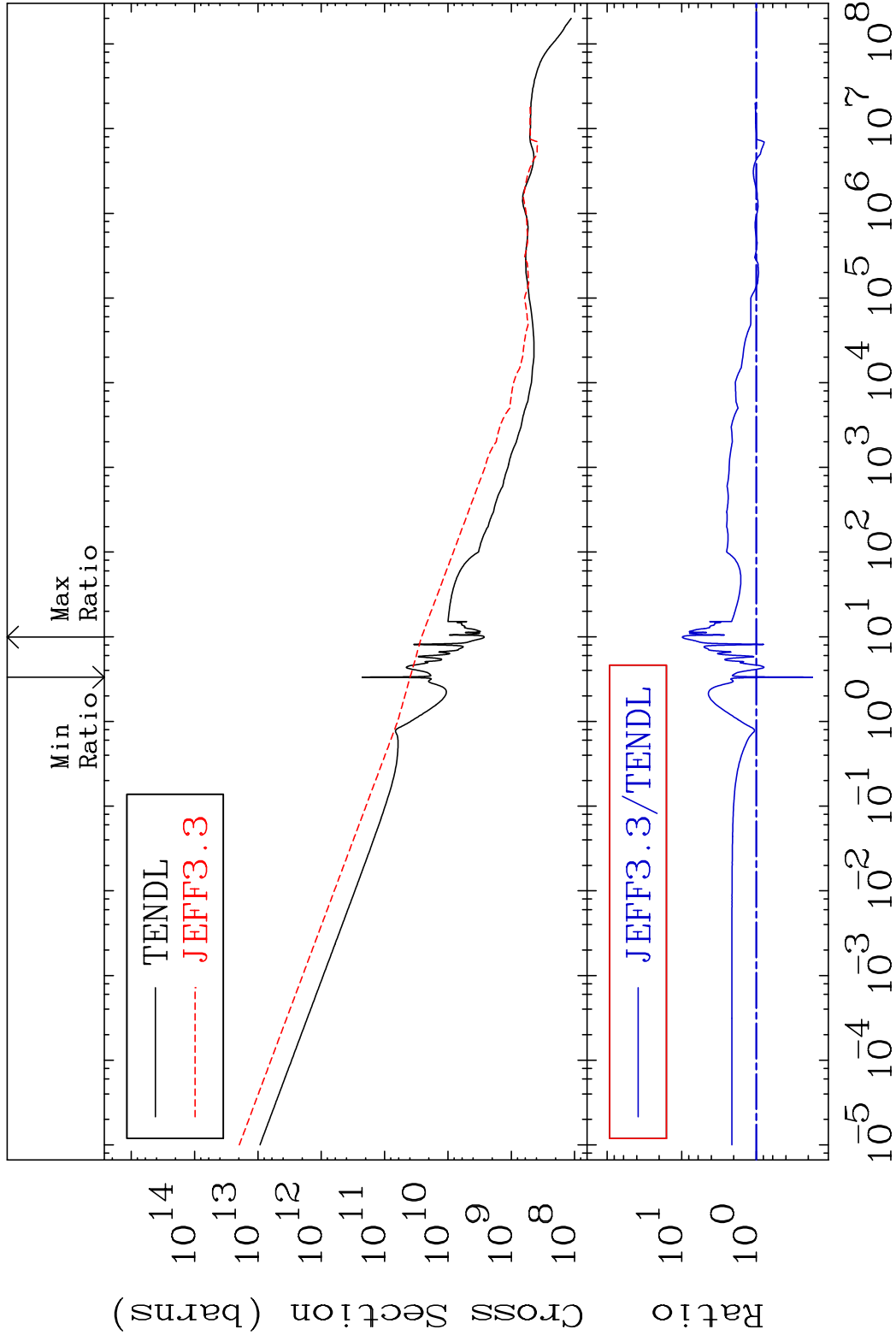
20

Incident Energy (eV)

94-Pu-237

MAT 9431

Kerma total (eV-barns) 94-Pu-237
Cross Section -82.45 To 878.4 %



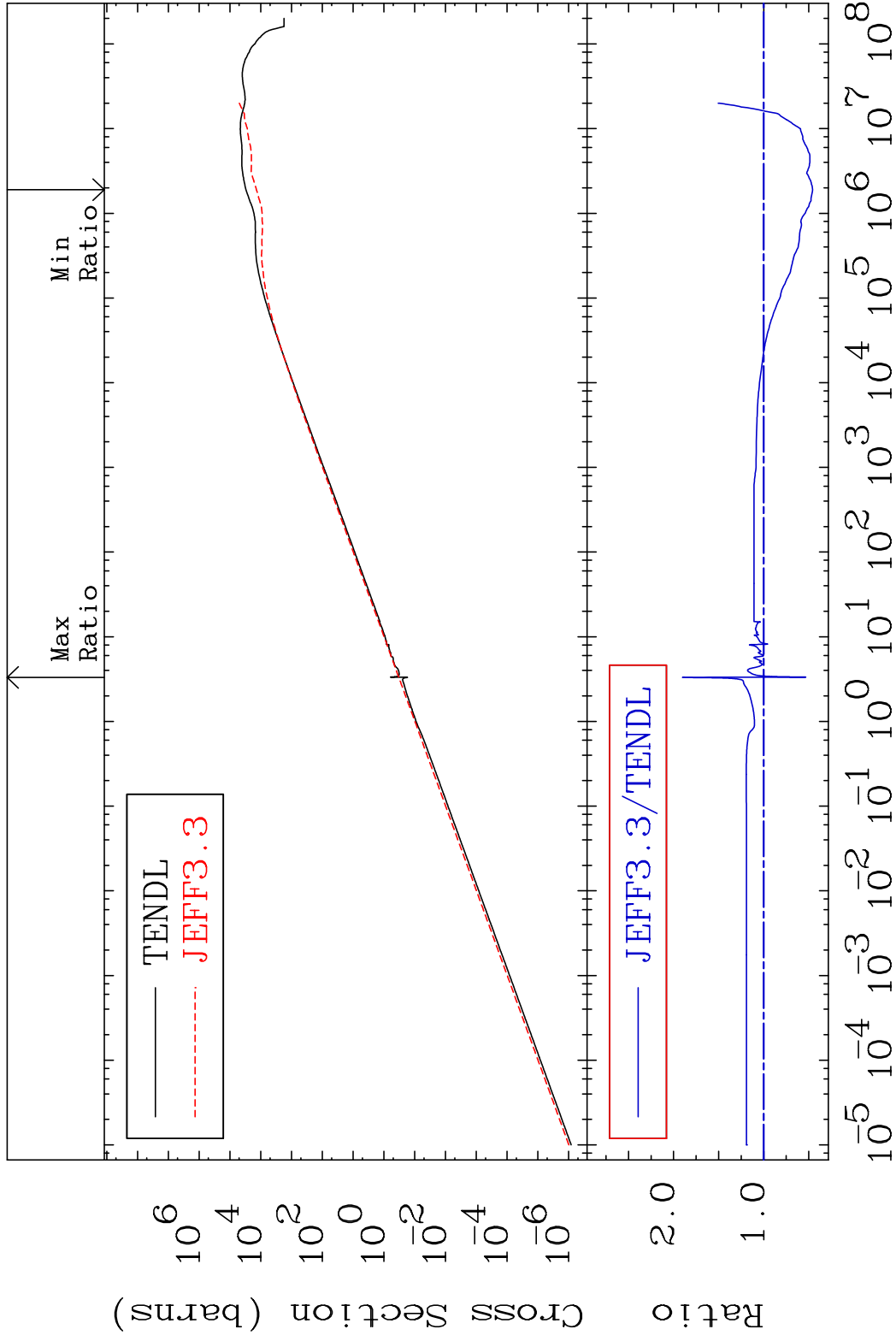
21

Incident Energy (eV) 94-Pu-237

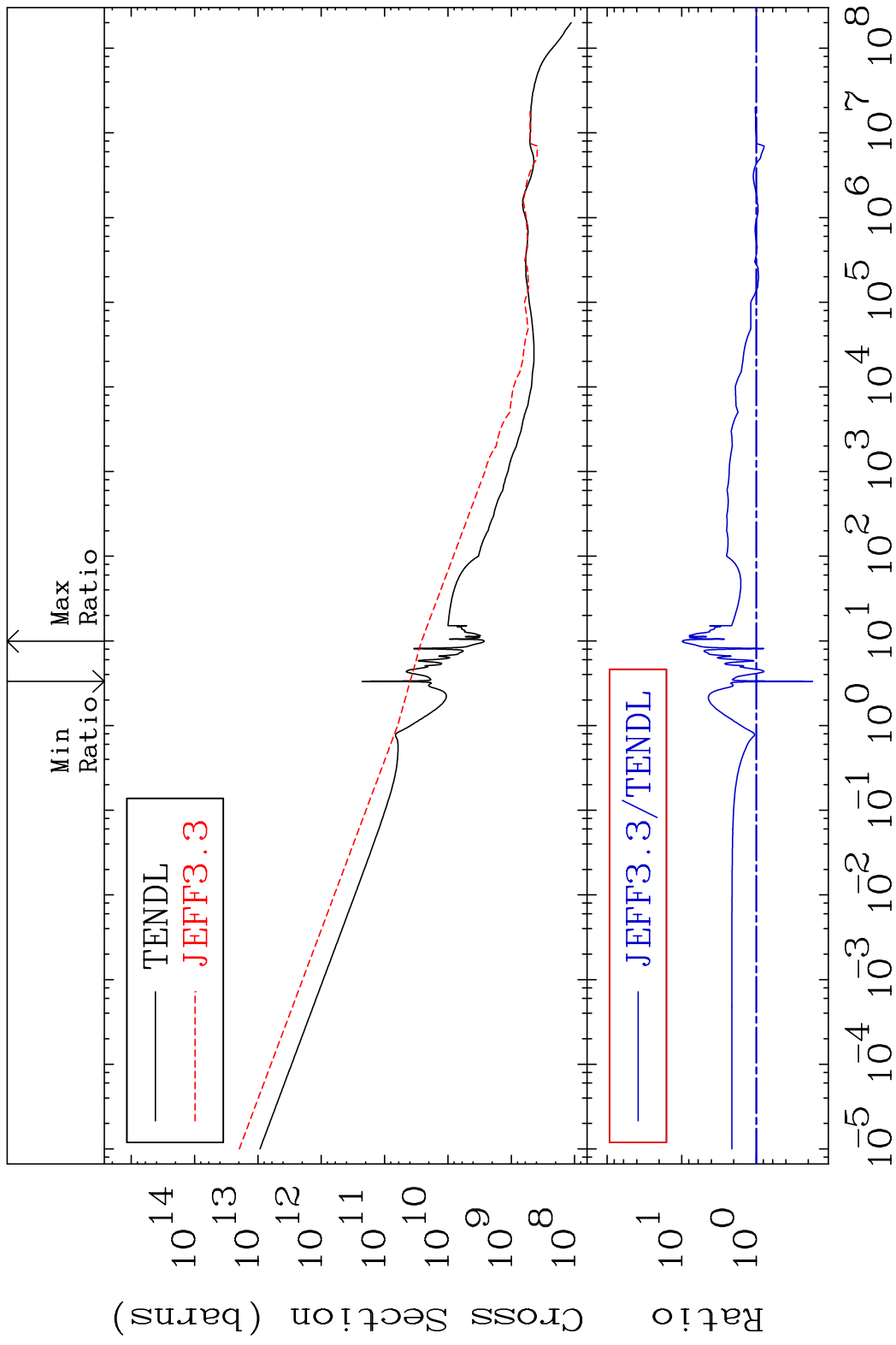
MAT 9431

Kerma elastic
Cross Section

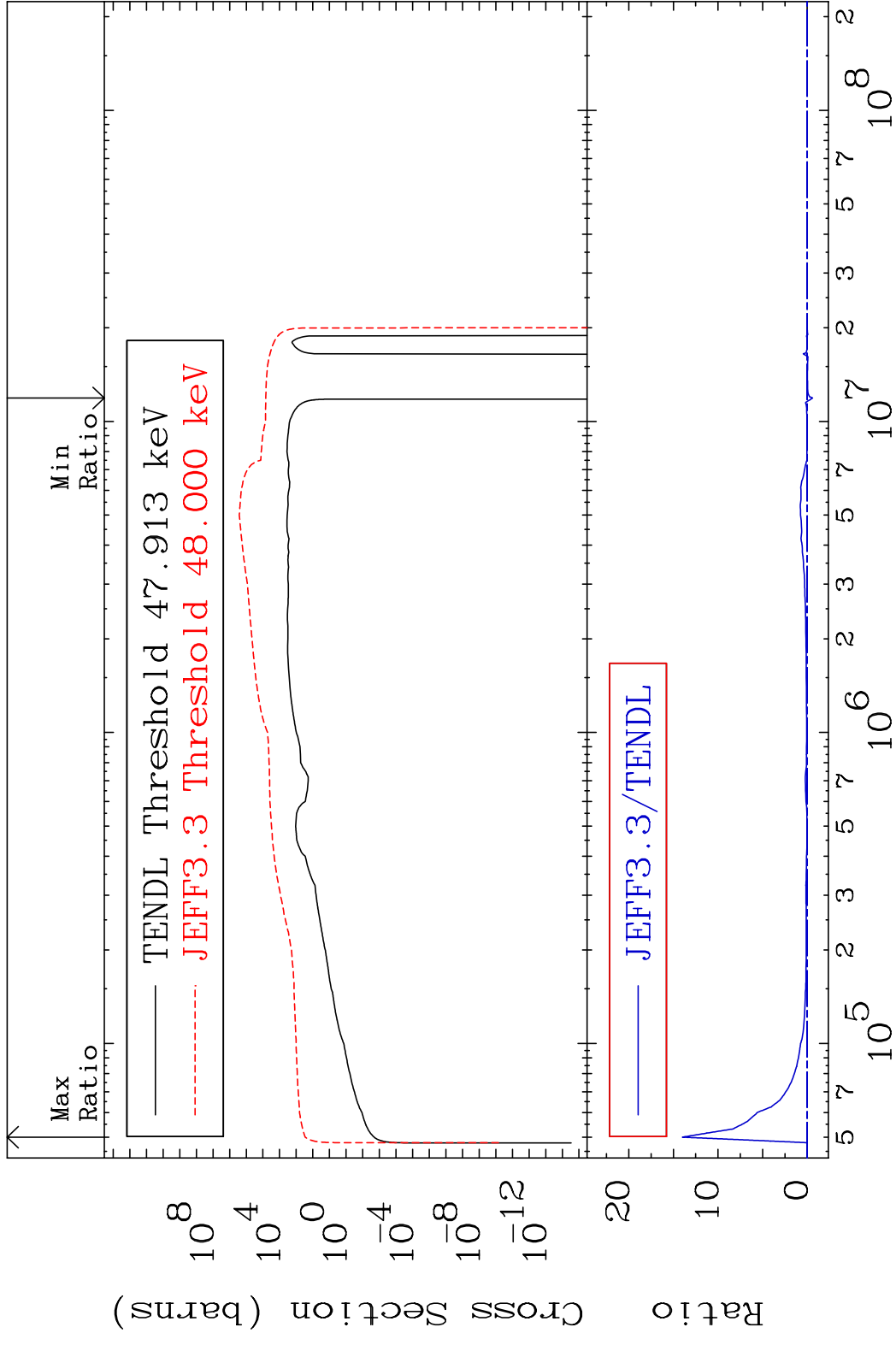
94-Pu-237
-54.23 To 90.27 %



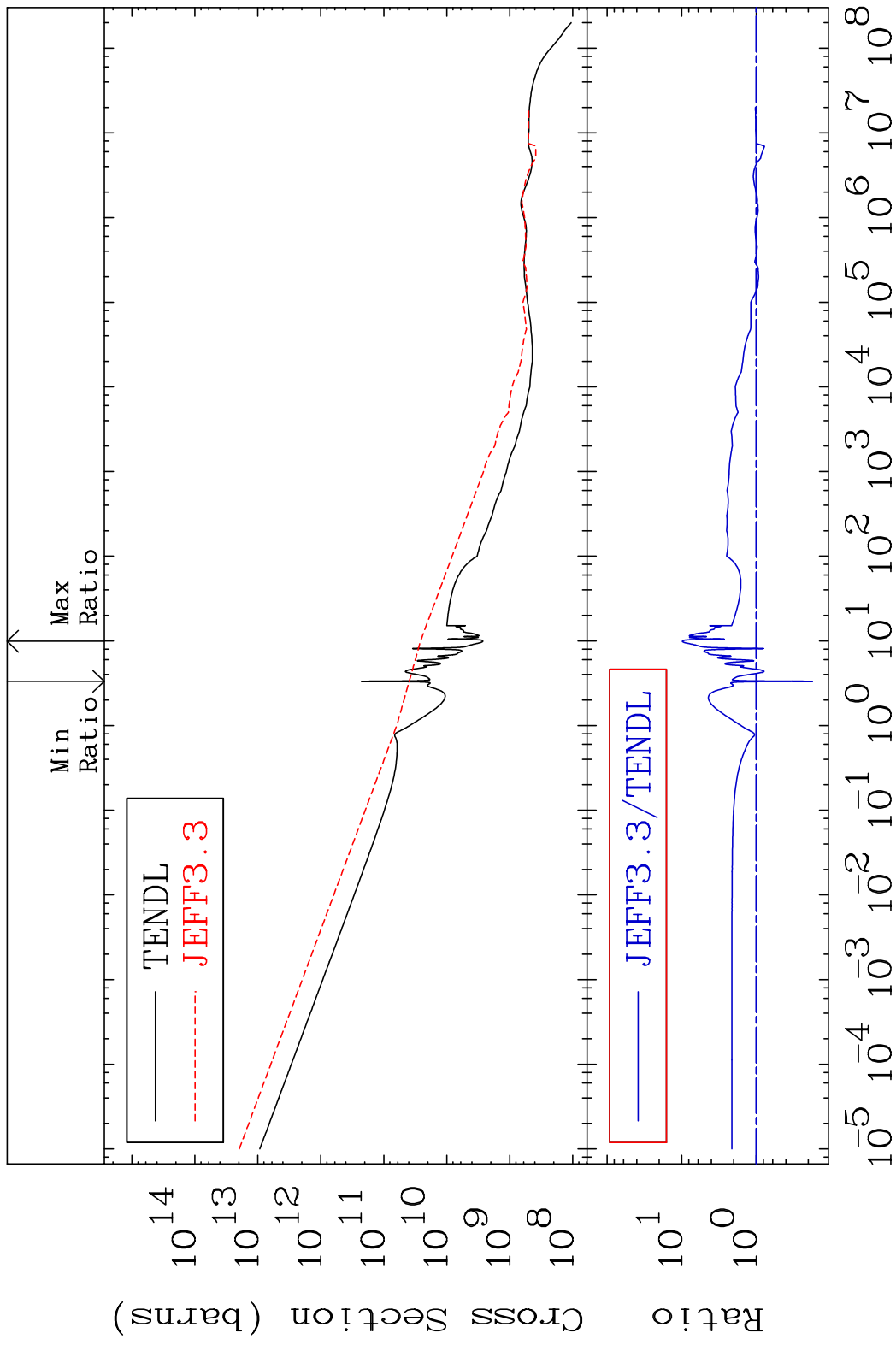
MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237
 Cross Section -82.45 To 878.4 %



MAT 9431 Kerma inelastic (mt51-91) 94-Pu-237
 Cross Section -9999. To 9999. %

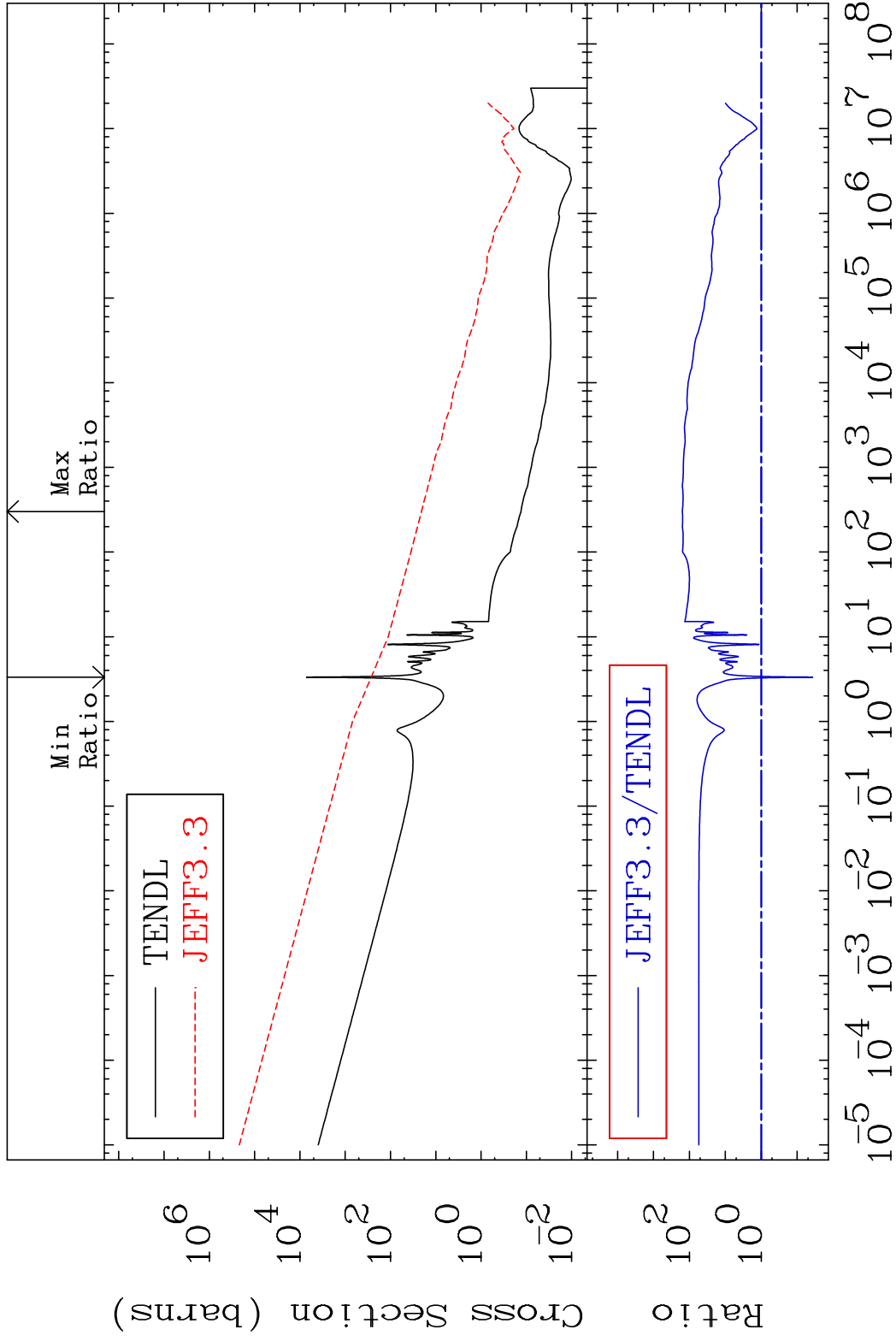


MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237
 Cross Section -82.45 To 878.4 %



MAT 9431

Kerma capture (mt102) 94-Pu-237
Cross Section -96.27 To 9999. %



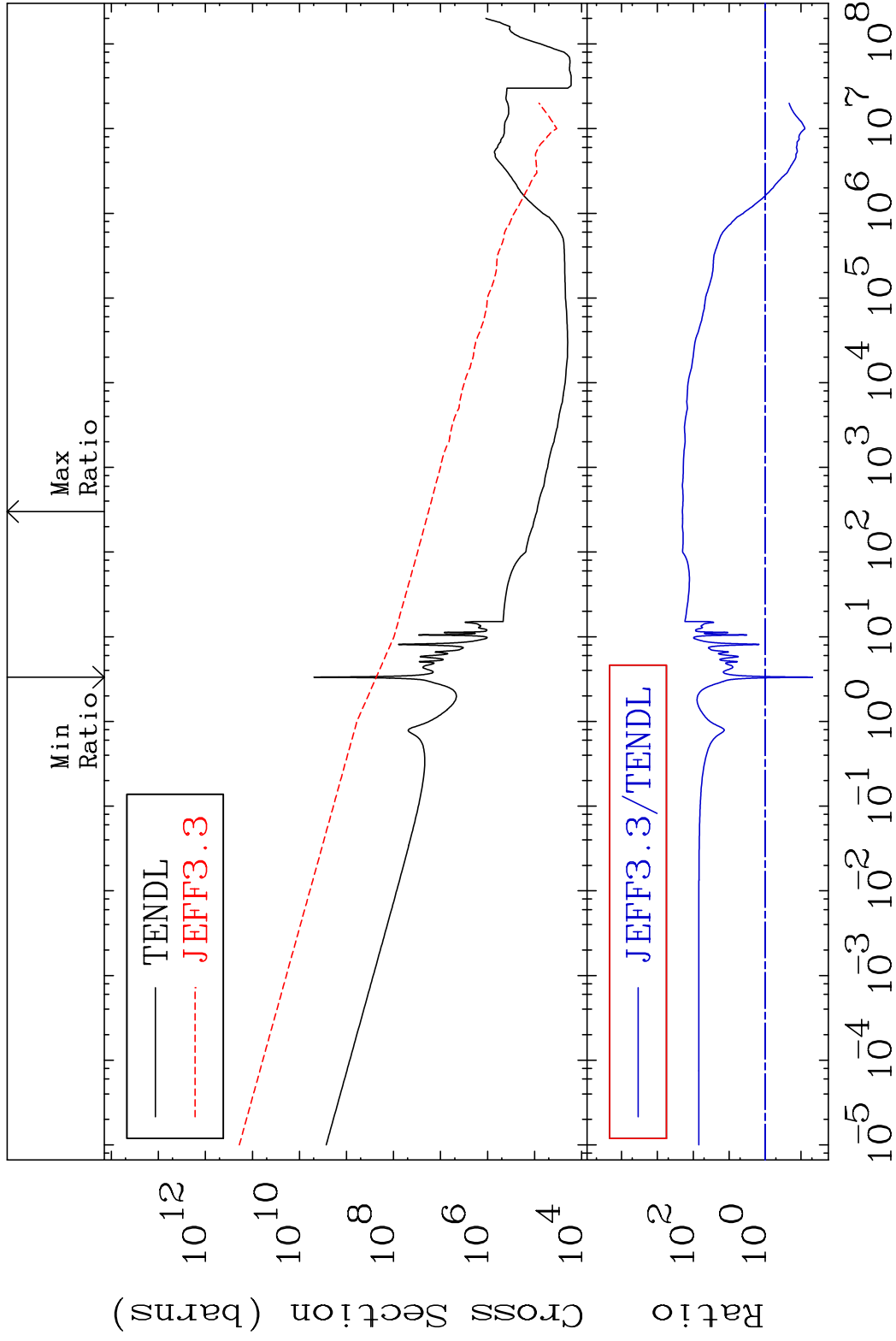
26

Incident Energy (eV) 94-Pu-237

MAT 9431

Total photon (eV-barns) 94-Pu-237

Cross Section -95.22 To 9999. %

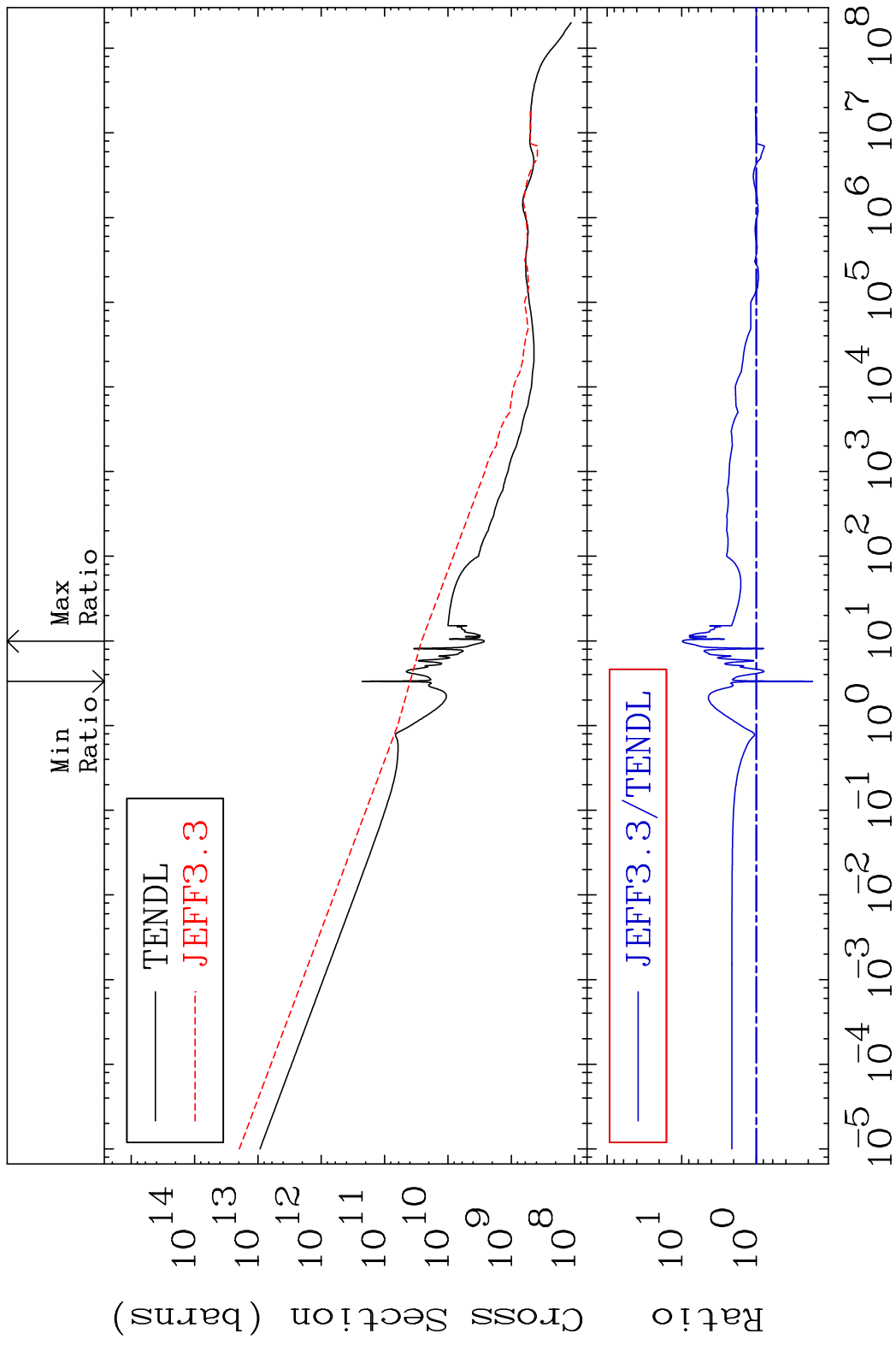


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Incident Energy (eV)

94-Pu-237

MAT 9431 Total kinematic kerma (high limit) 94-Pu-237
 Cross Section -82.45 To 878.4 %

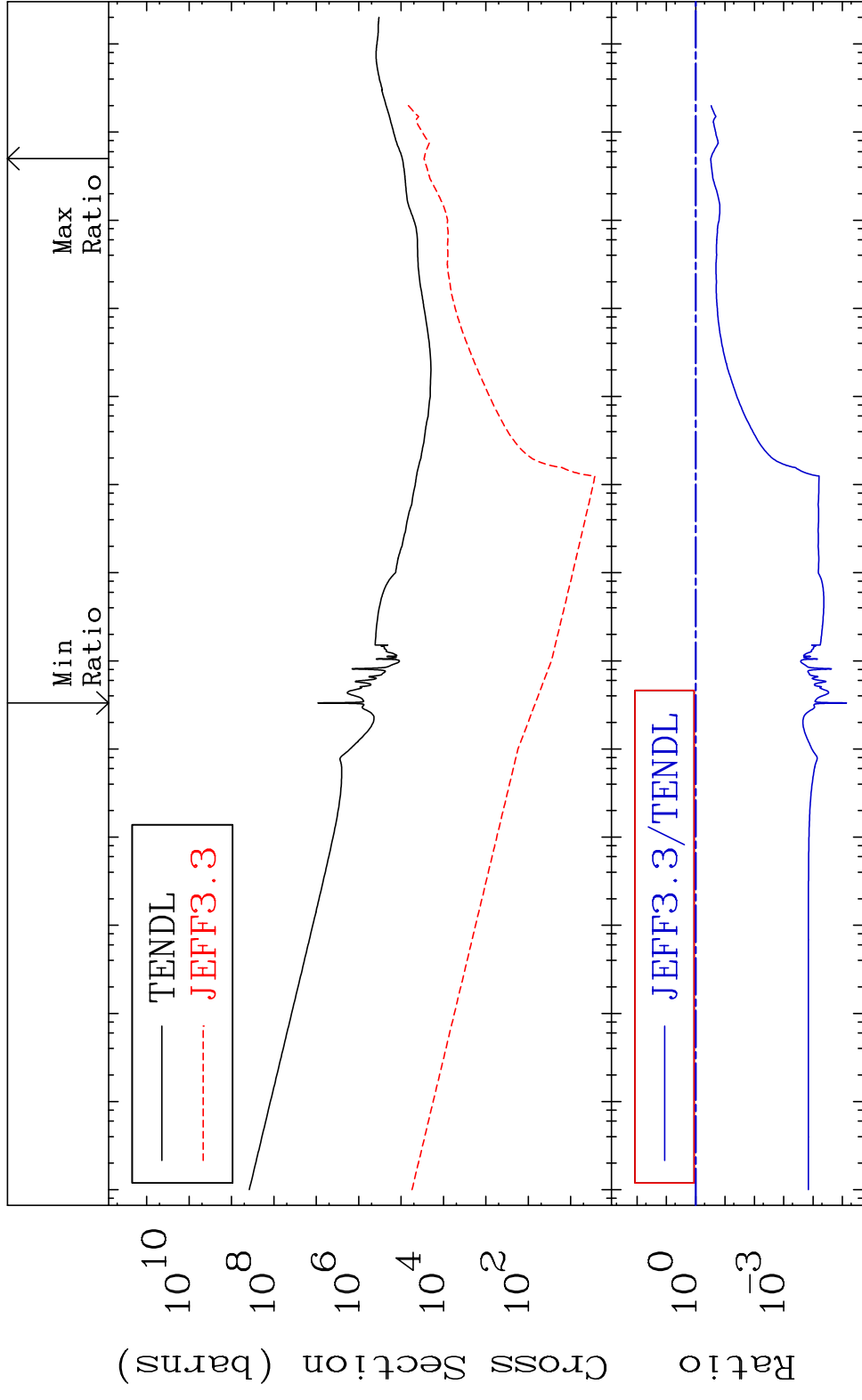


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -100.0 To -69.22%



29

Incident Energy (eV)

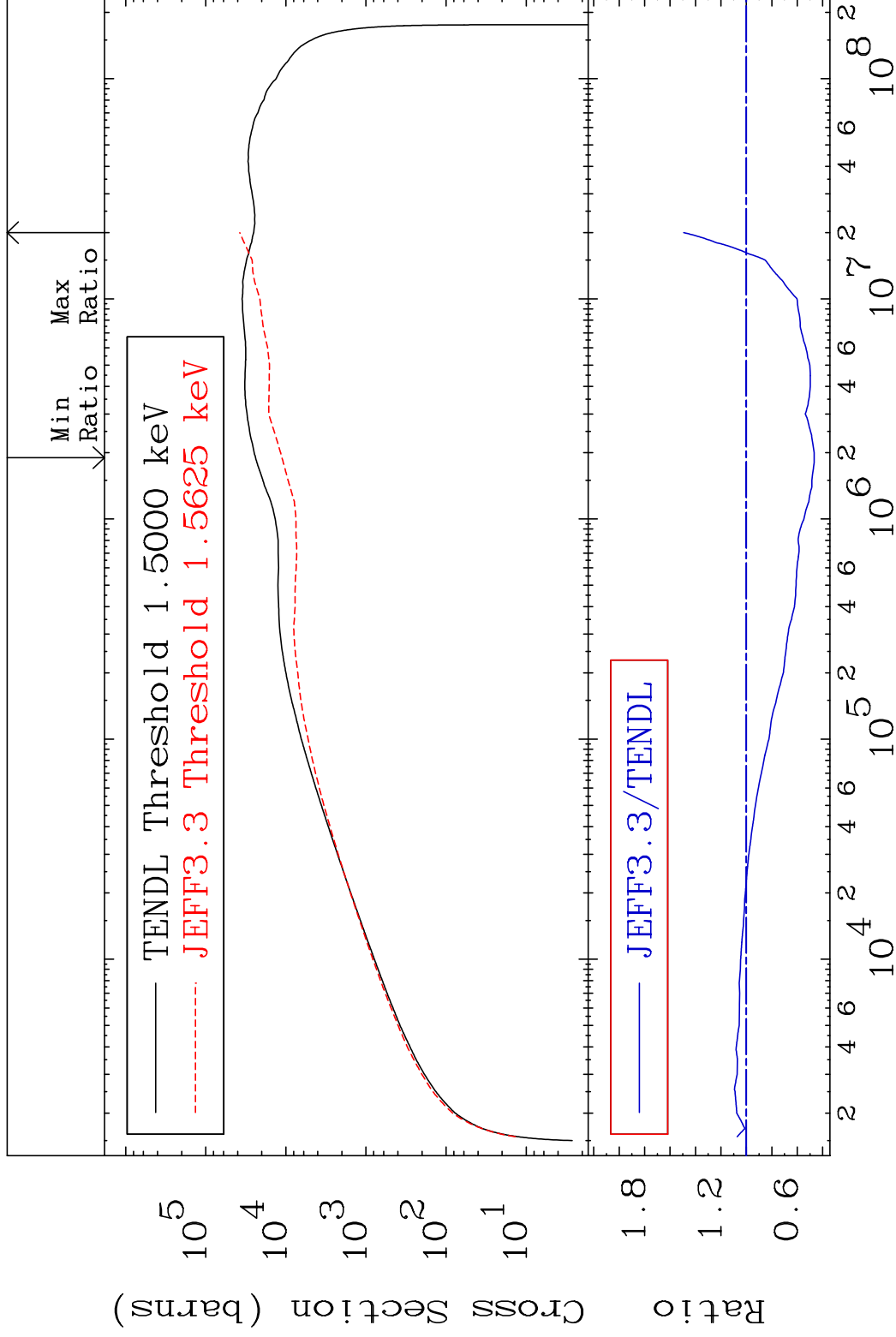
94-Pu-237

MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section -53.24 To 49.32 %

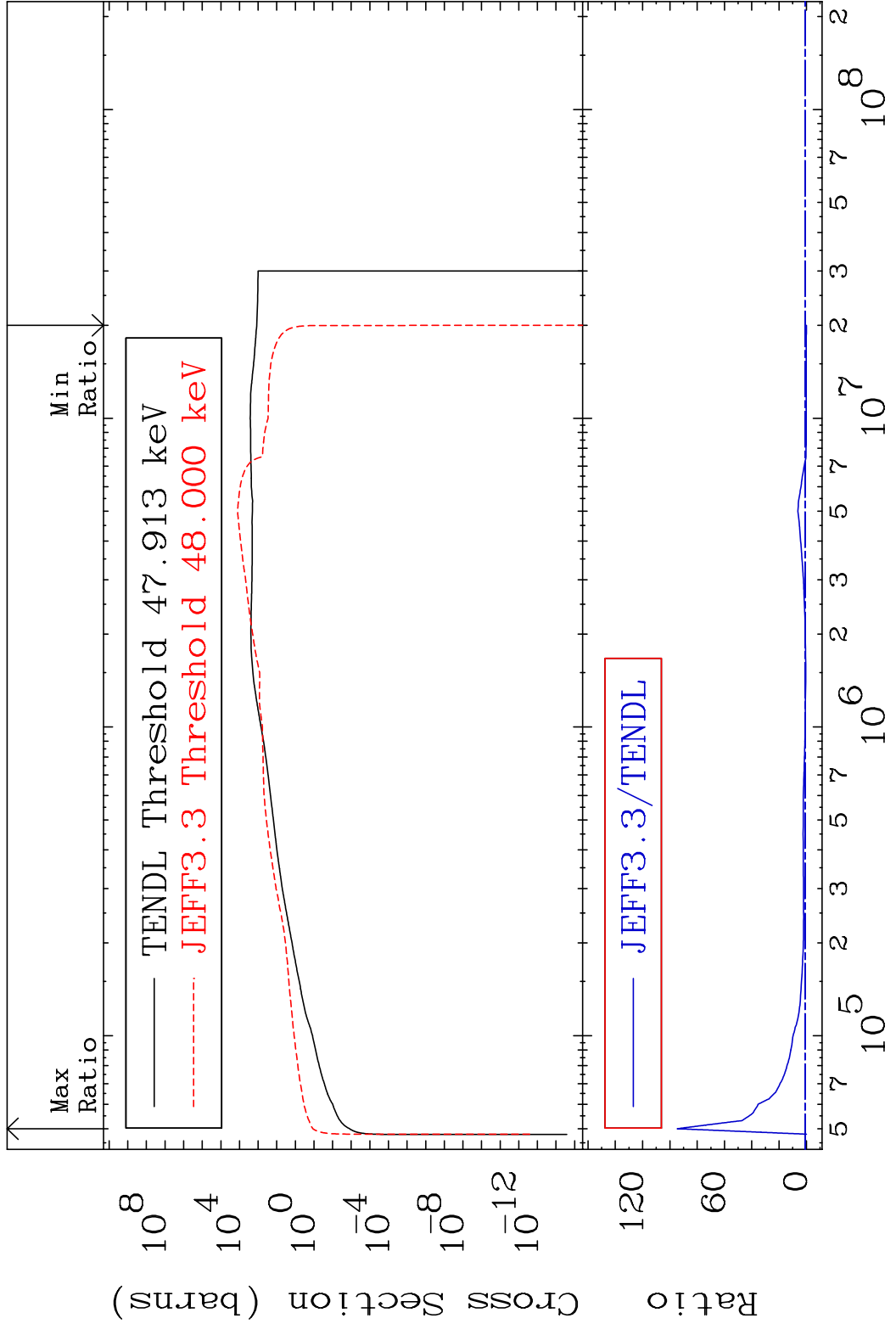


30

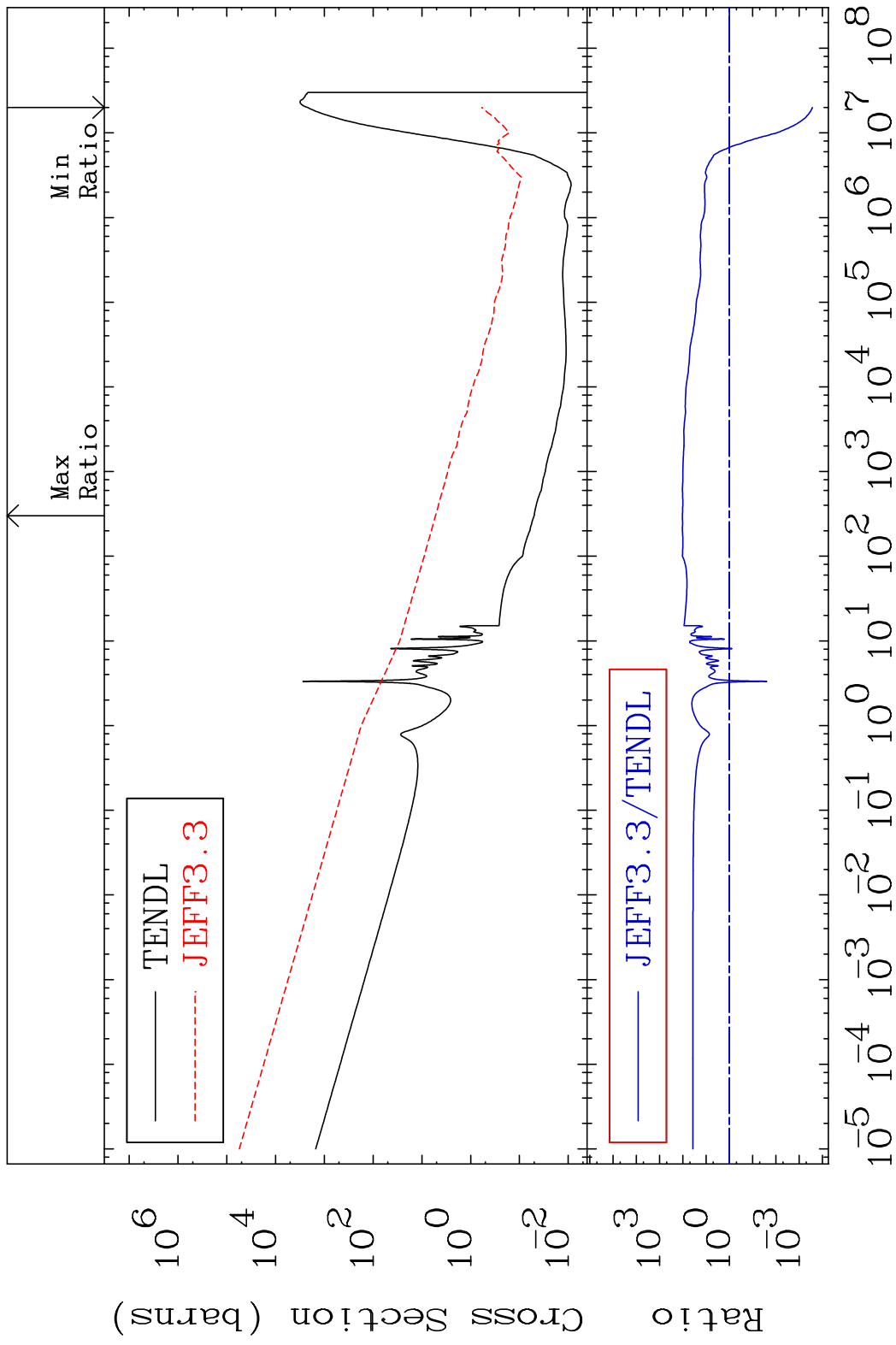
Incident Energy (eV)

94-Pu-237

MAT 9431 Dpa inelastic (mt51-91) 94-Pu-237
 Cross Section -100.0 To 9365. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237
 Cross Section -99.97 To 9999. %



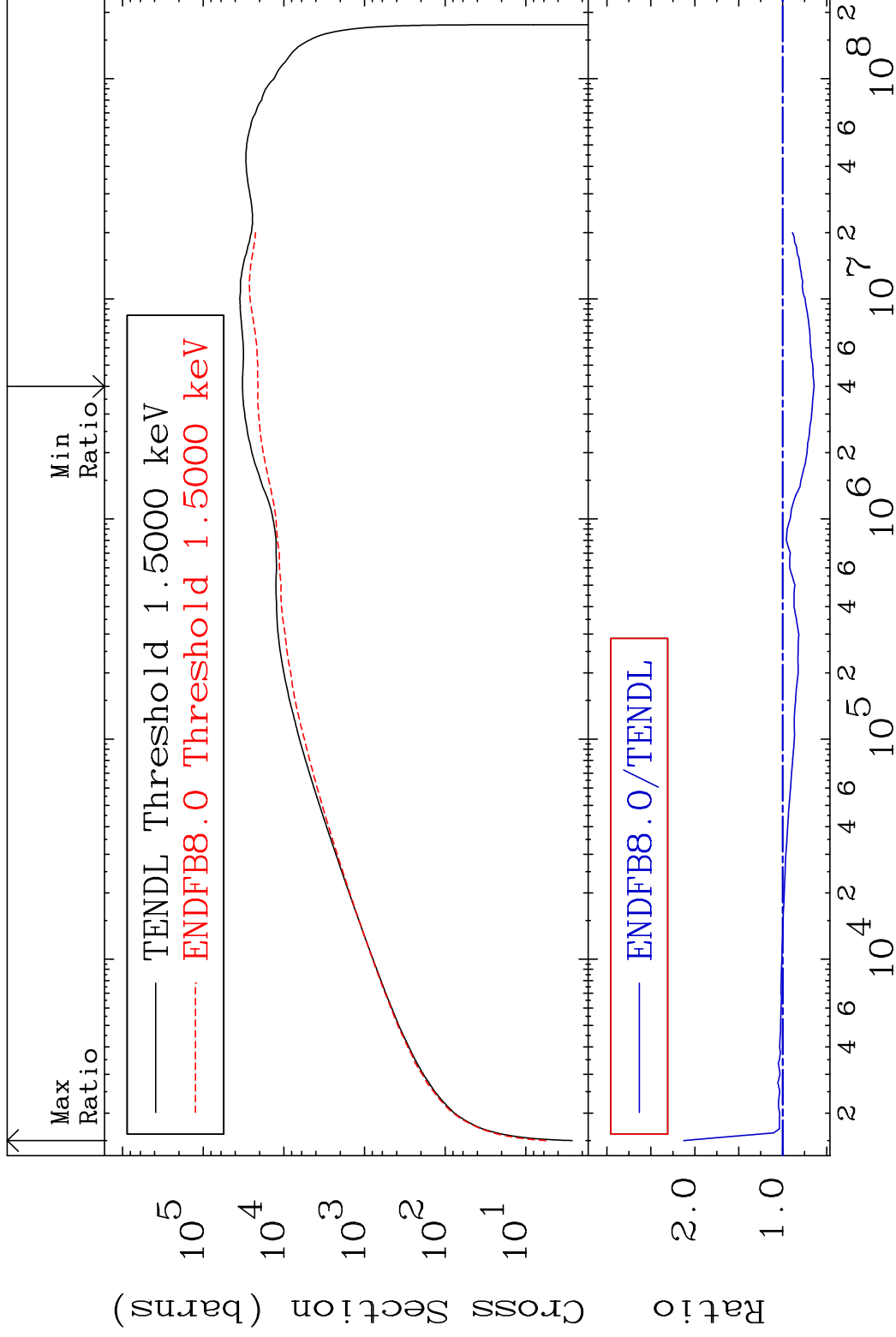
MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section

-35.76 To 112.7 %

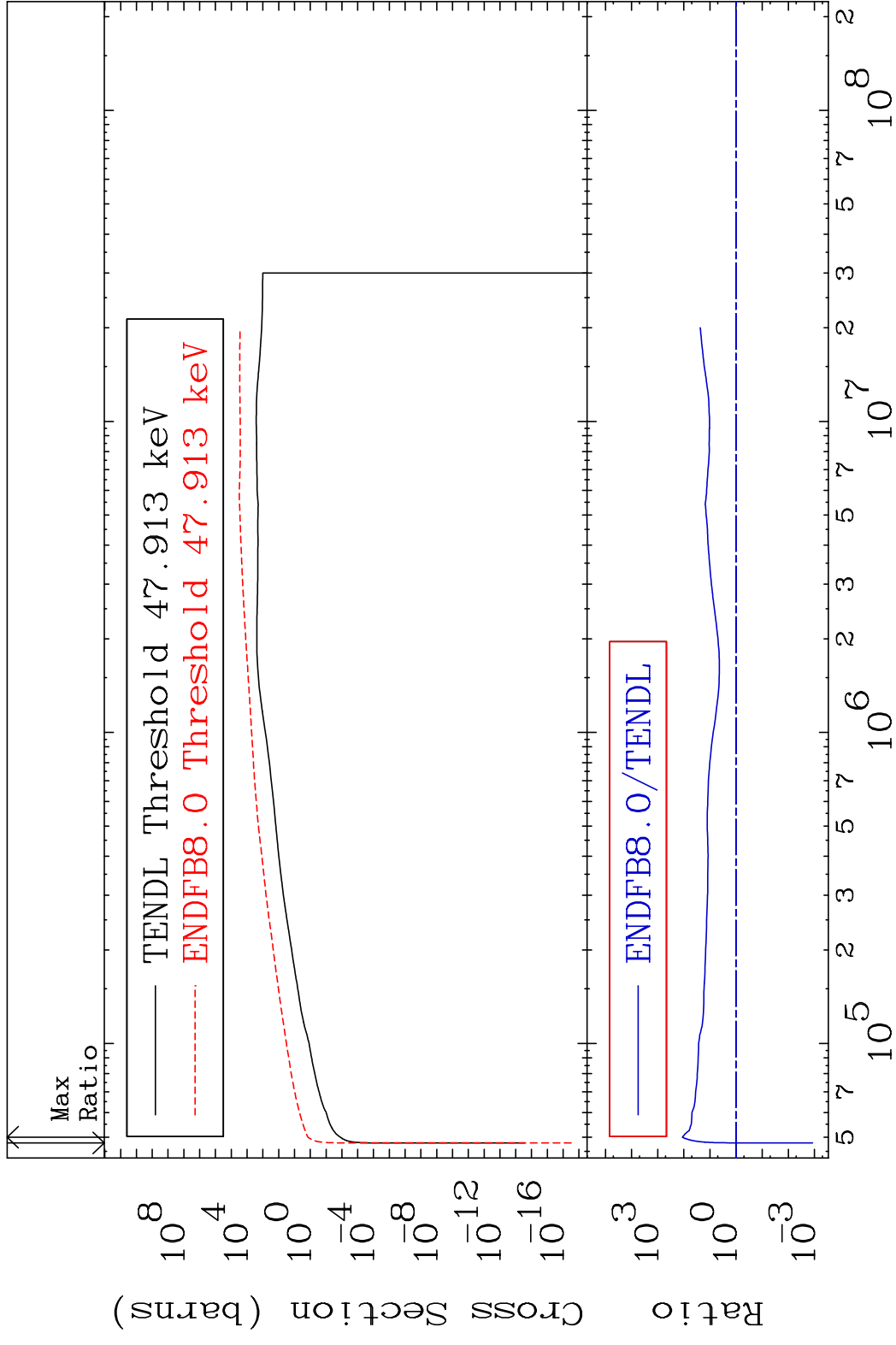


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Incident Energy (eV)

94-Pu-237

MAT 9431 Dpa inelastic (mt51-91) 94-Pu-237
 Cross Section -99.88 To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237
 Cross Section -100.0 To 7358. %

