

Program Complot
(Version 2021-1)

by

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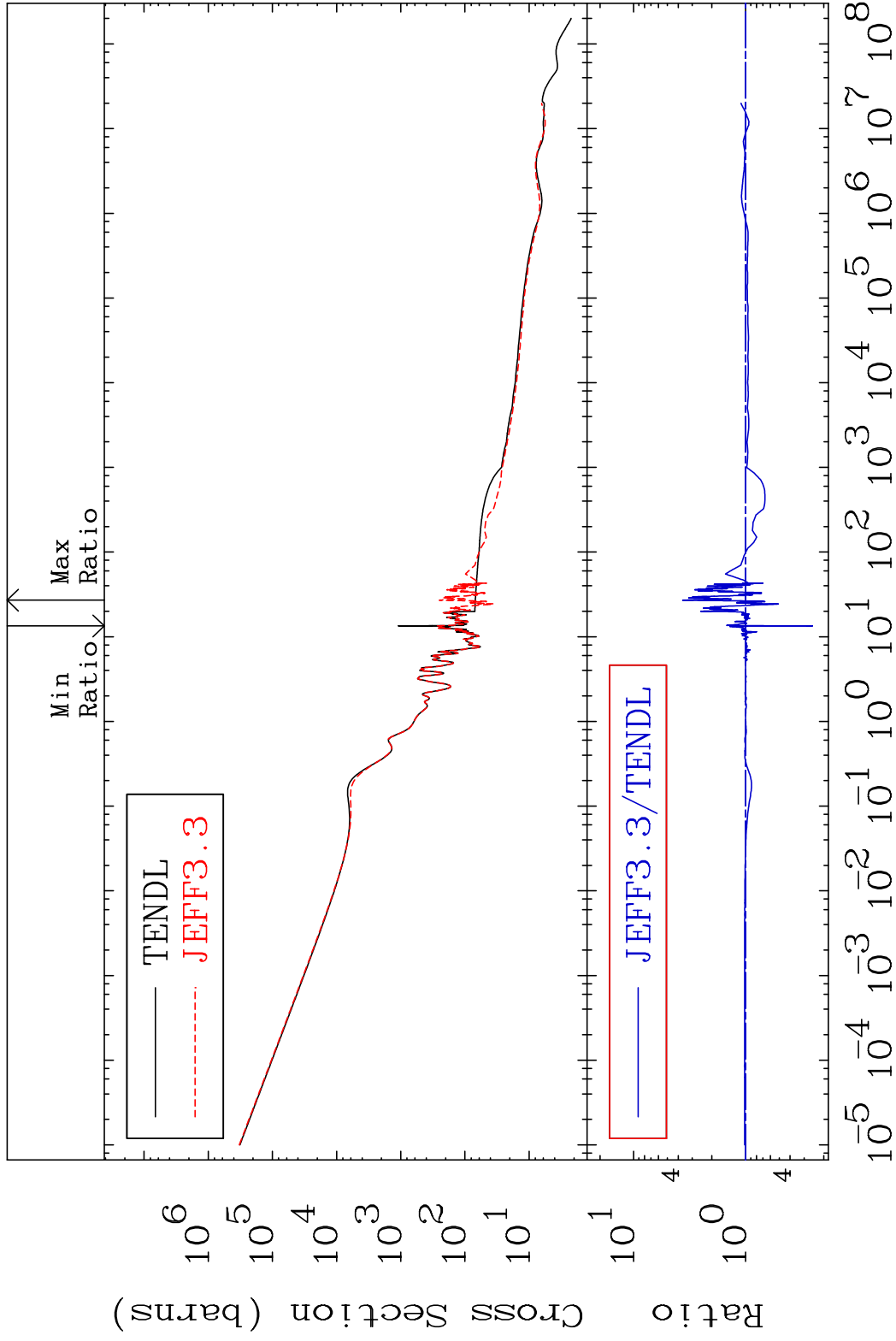
Press Mouse Button to Start

MAT 9547

Total

95-Am-242m

Cross Section -74.78 To 267.2 %



1

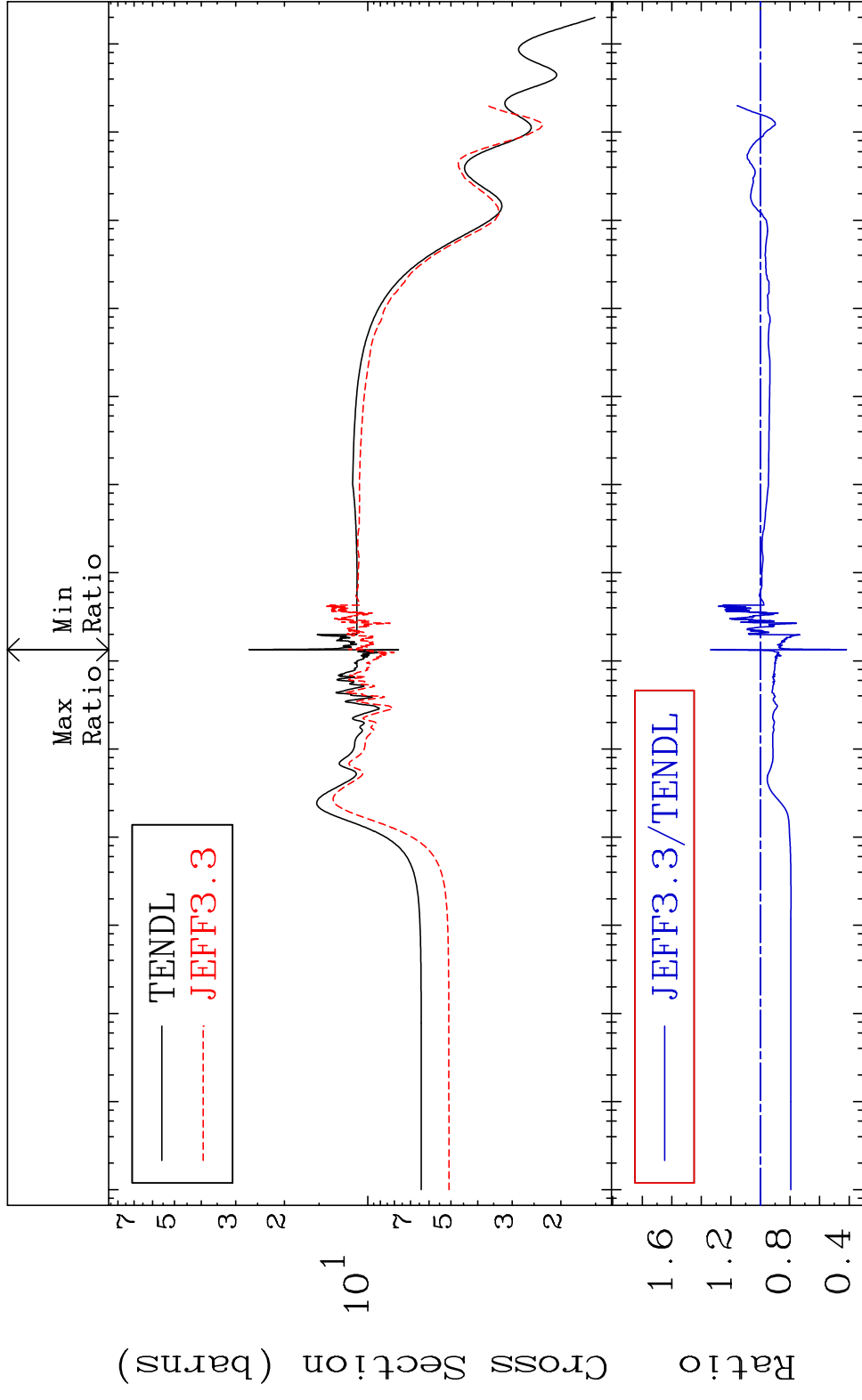
Incident Energy (eV)

95-Am-242m

MAT 9547

Elastic Cross Section -58.11 To 33.66 %

95-Am-242m



2

Incident Energy (eV)

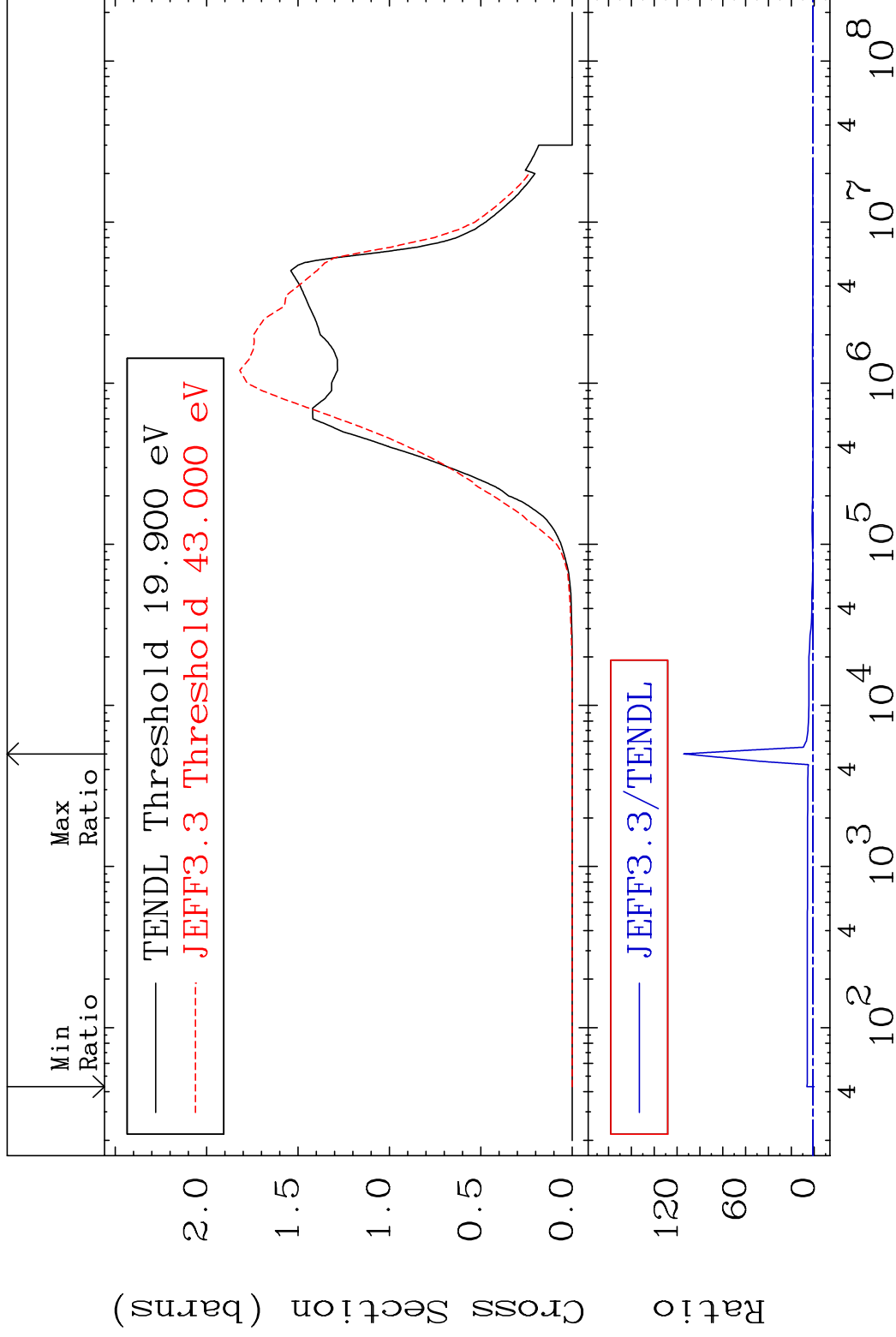
95-Am-242m

MAT 9547

Inelastic

95-Am-242m

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

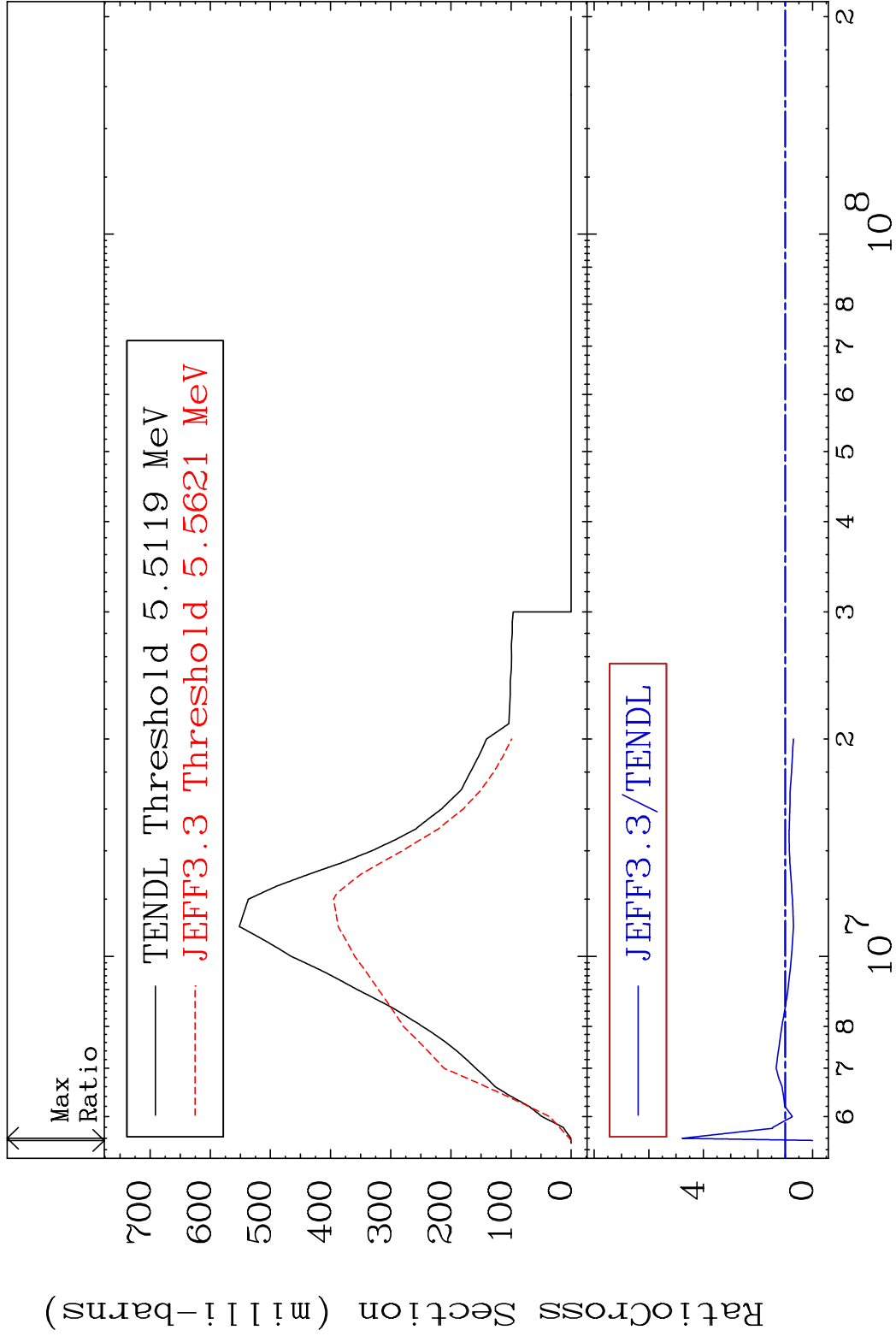
95-Am-242m

MAT 9547

(n,2n)

95-Am-242m

Cross Section -100.0 To 377.0 %



4

Incident Energy (eV)

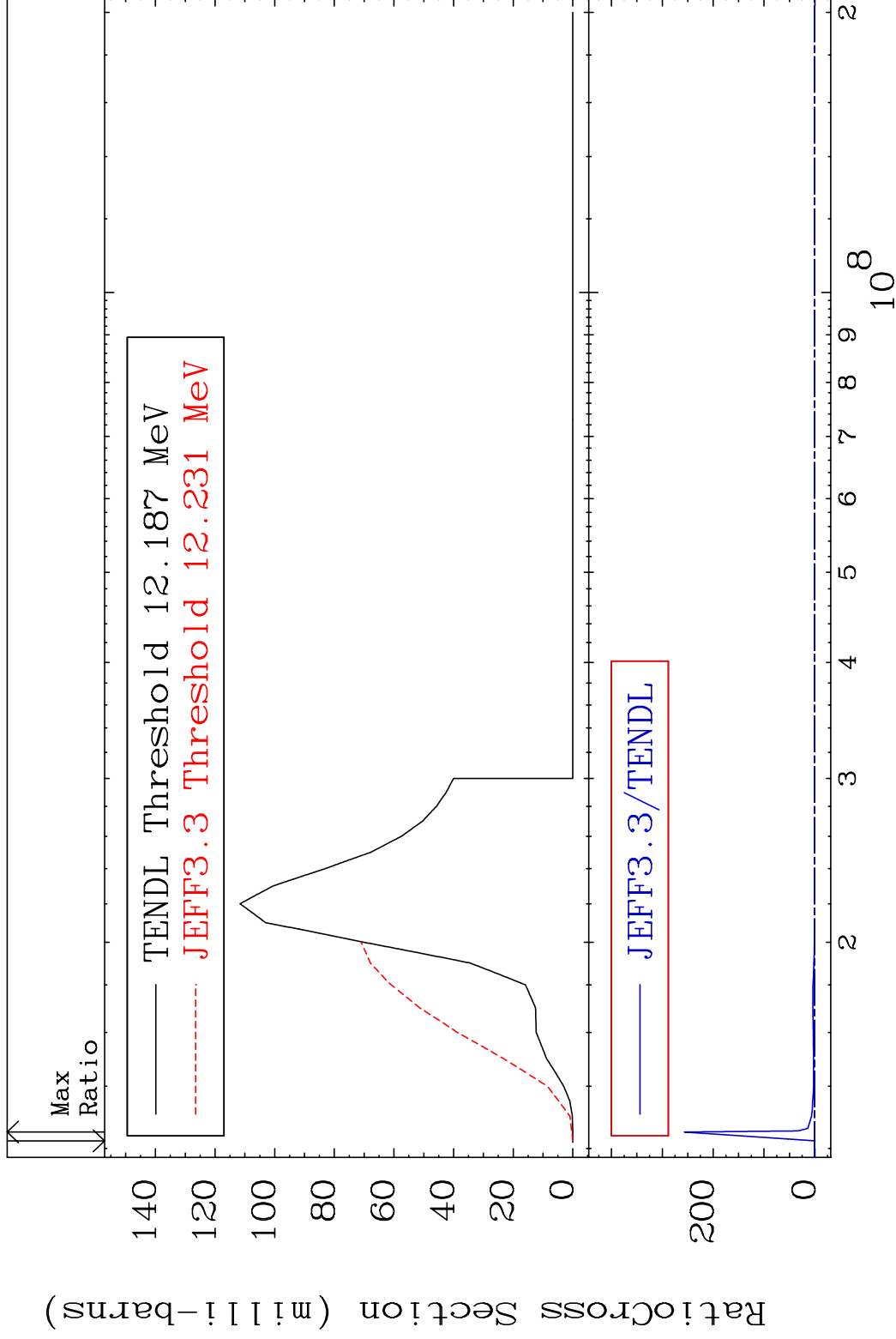
95-Am-242m

MAT 9547

(n,3n)

95-Am-242m

Cross Section -100.0 To 9999. %



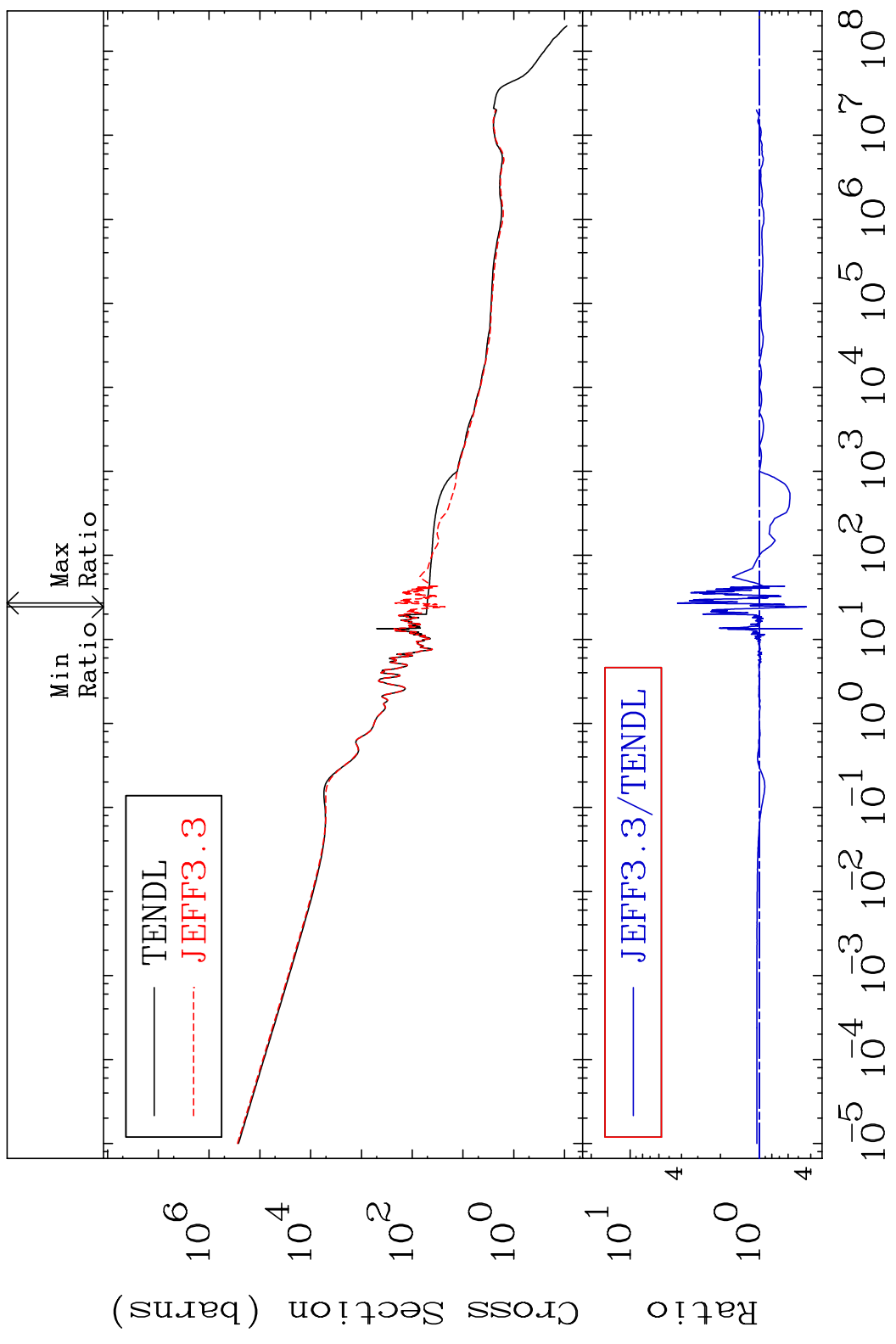
5

Incident Energy (eV)

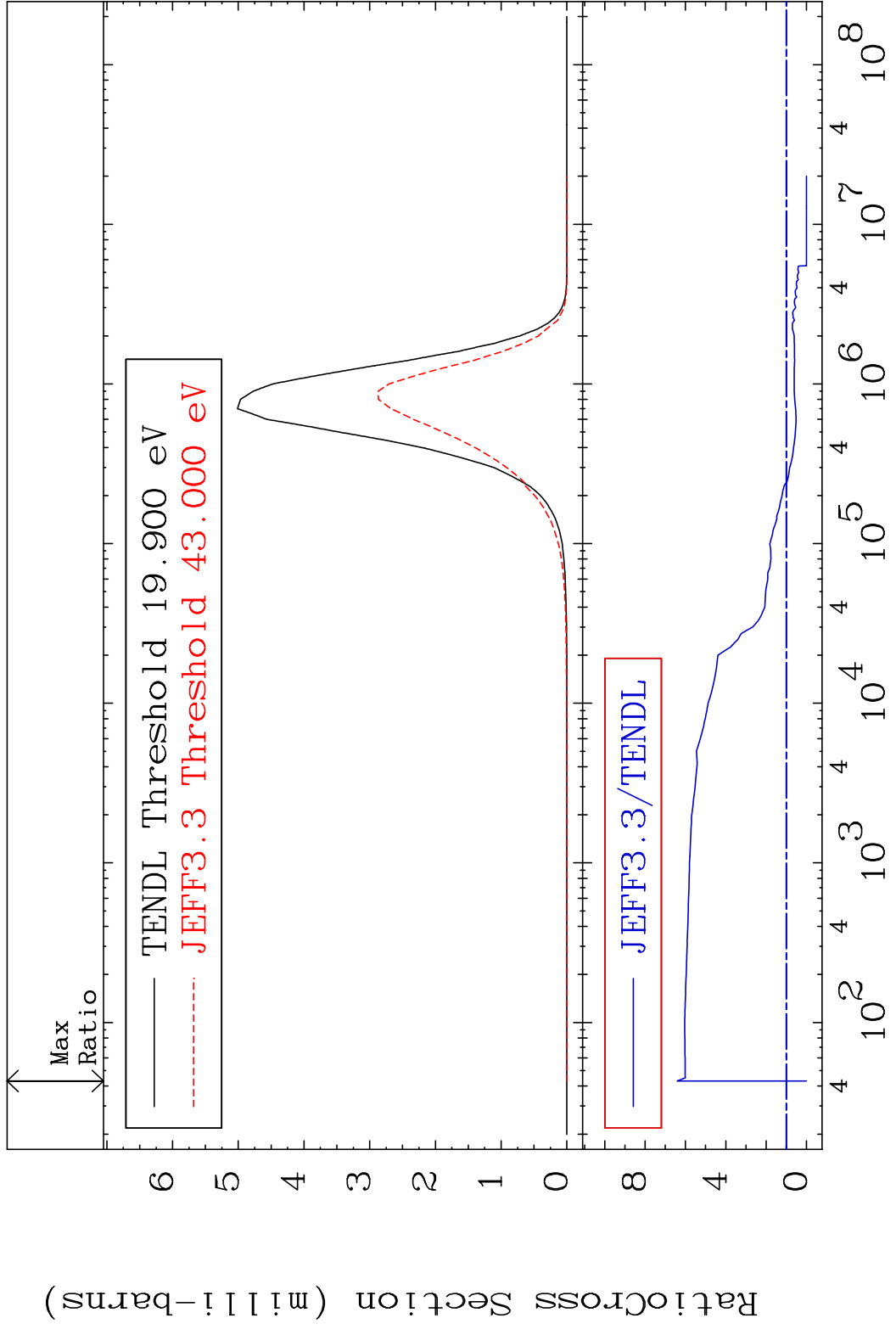
95-Am-242m

MAT 9547

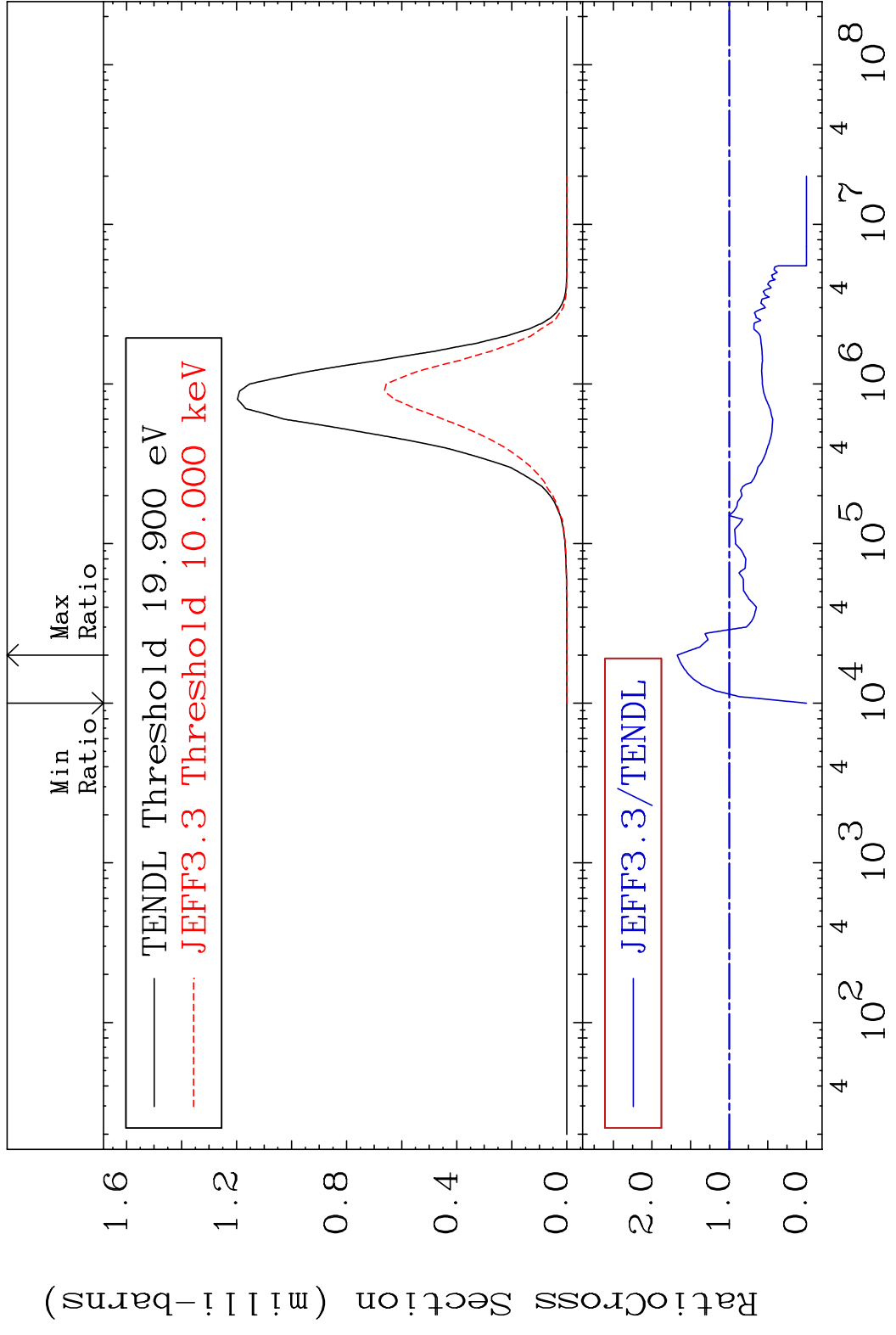
Fission Cross Section -56.75 To 332.5 %
95-Am-242m



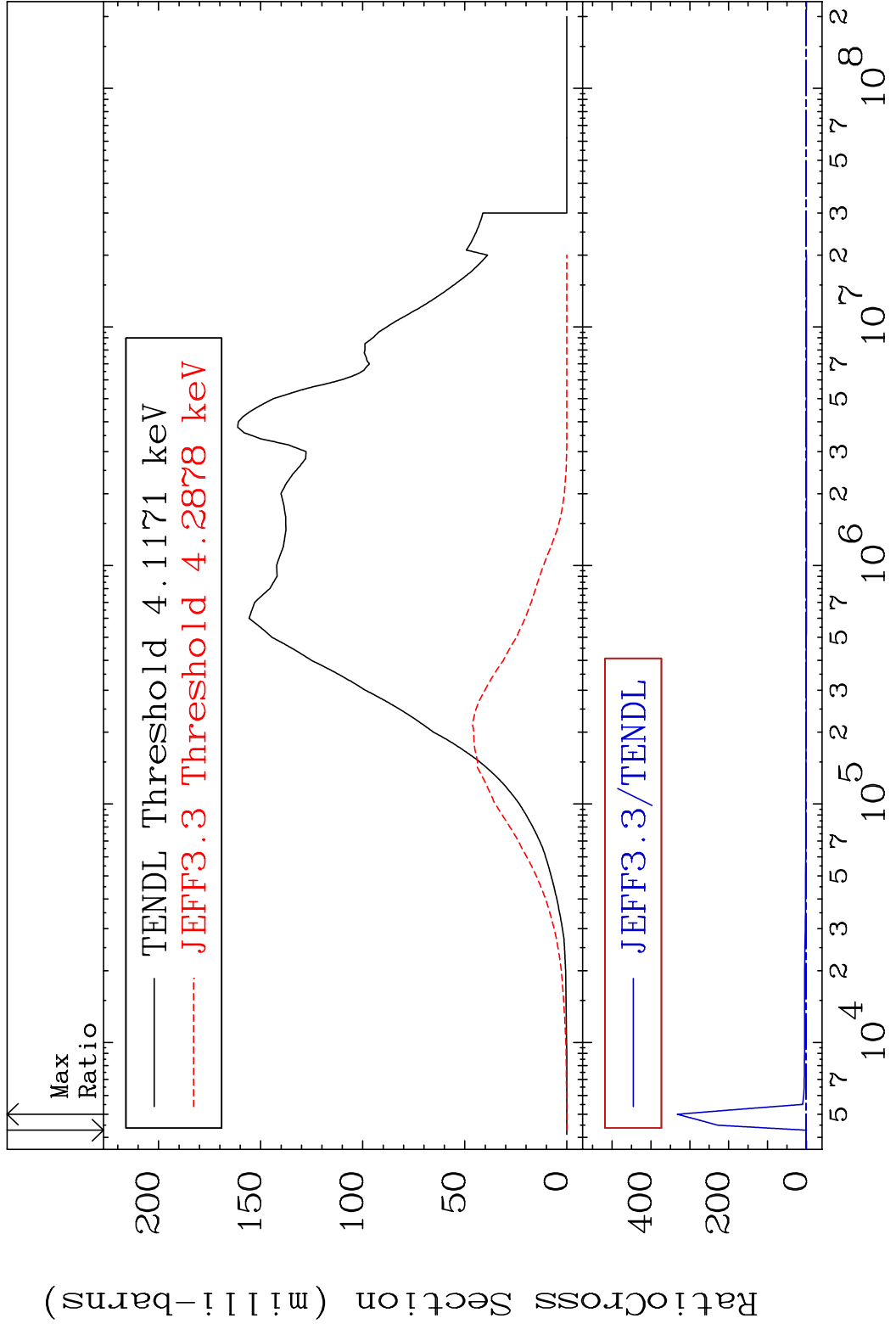
MAT 9547 MT= 51 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 541.0 %



MAT 9547 MT= 52 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 67.36 %

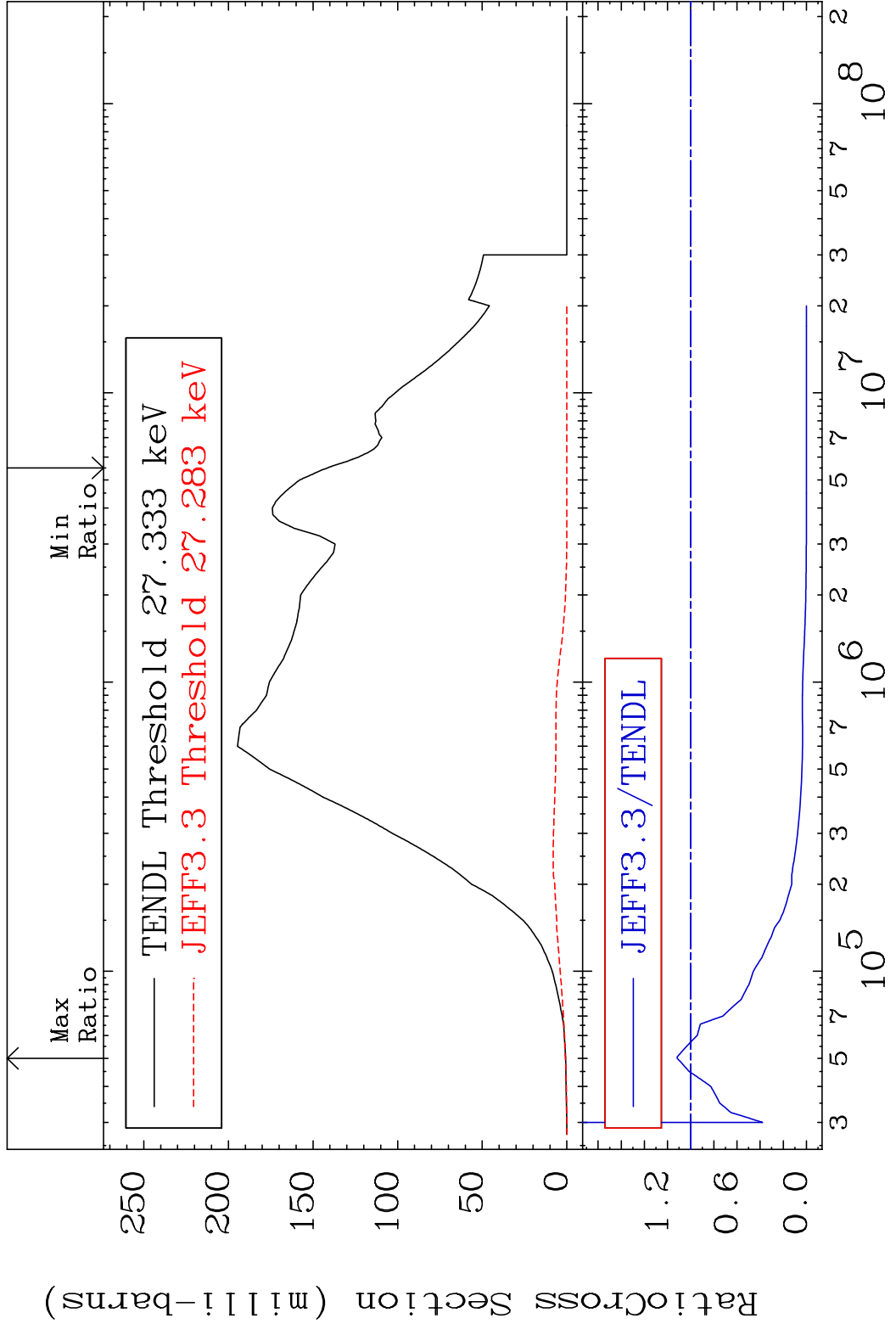


MAT 9547 MT= 53 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



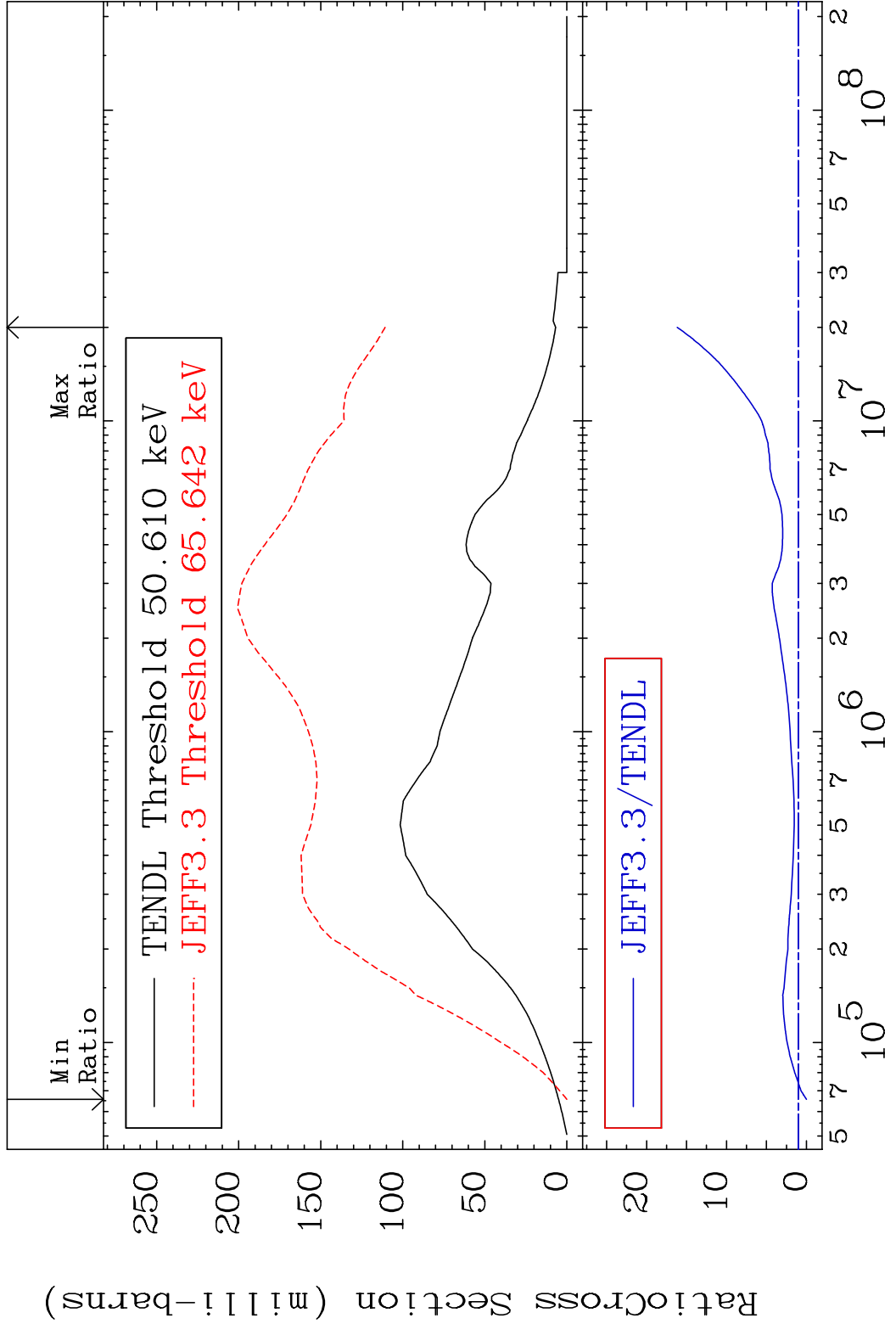
9 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 54 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 11.66 %

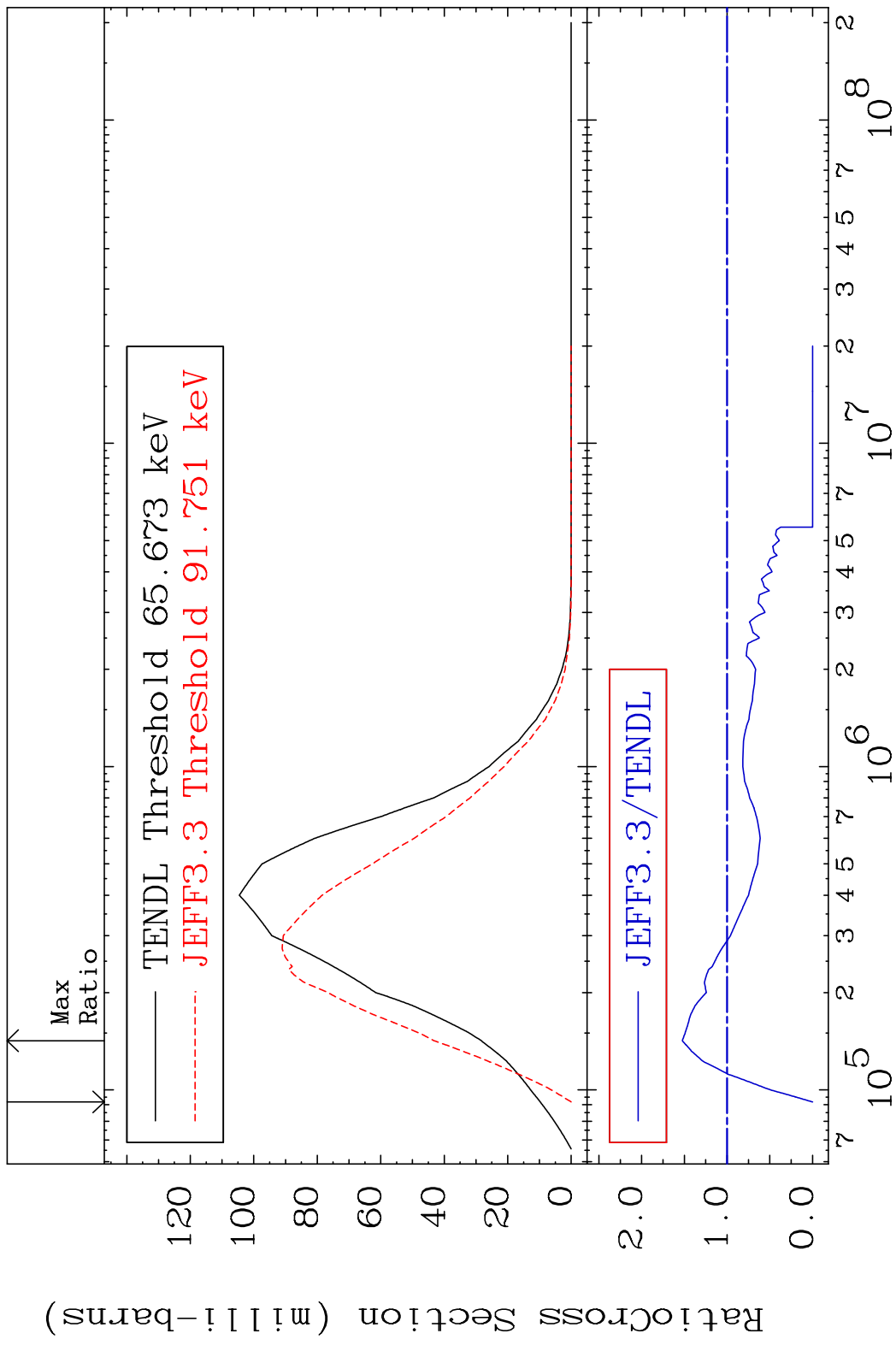


10 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 55 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 1517. %

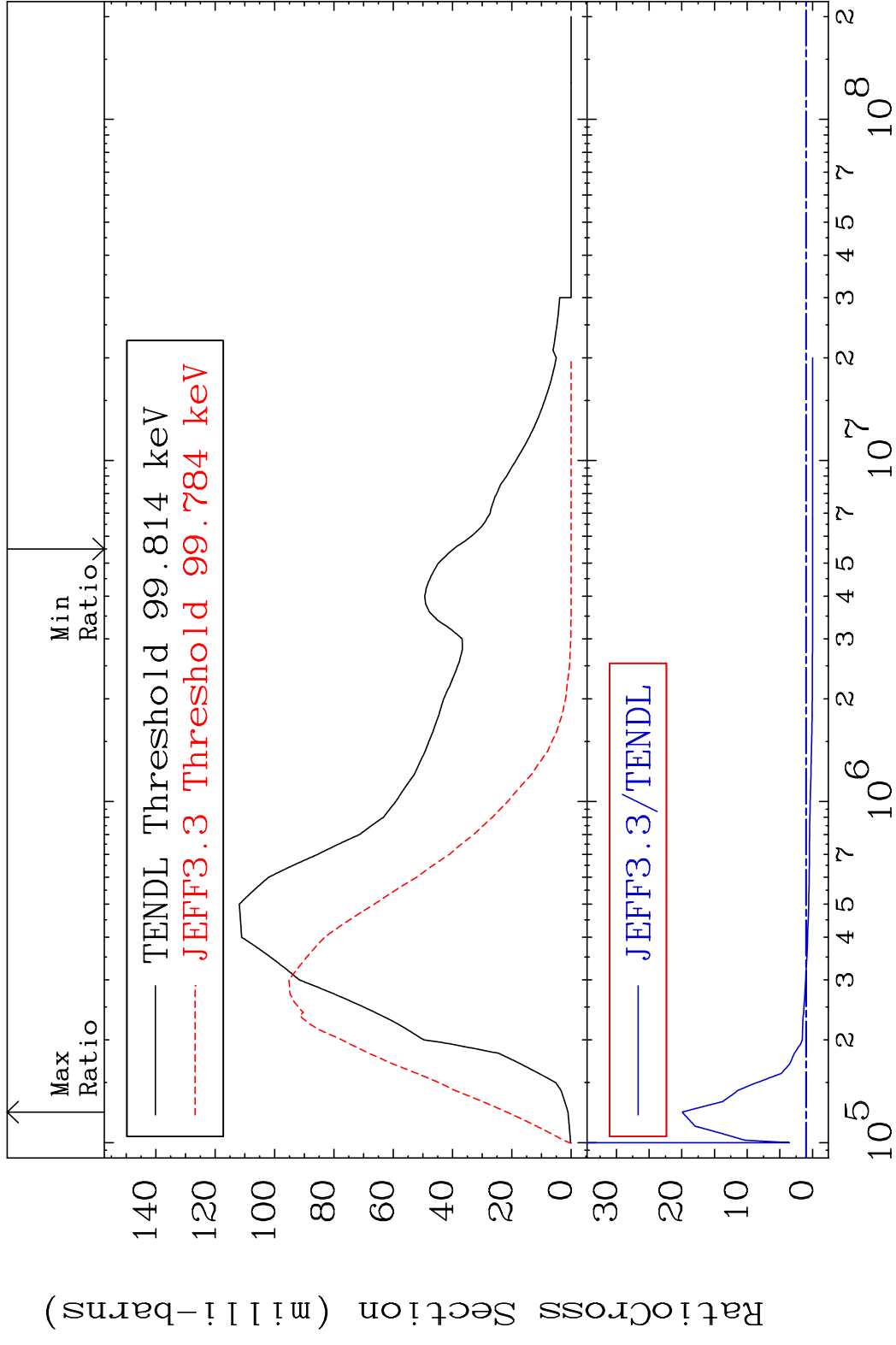


MAT 9547 MT= 56 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 52.38 %



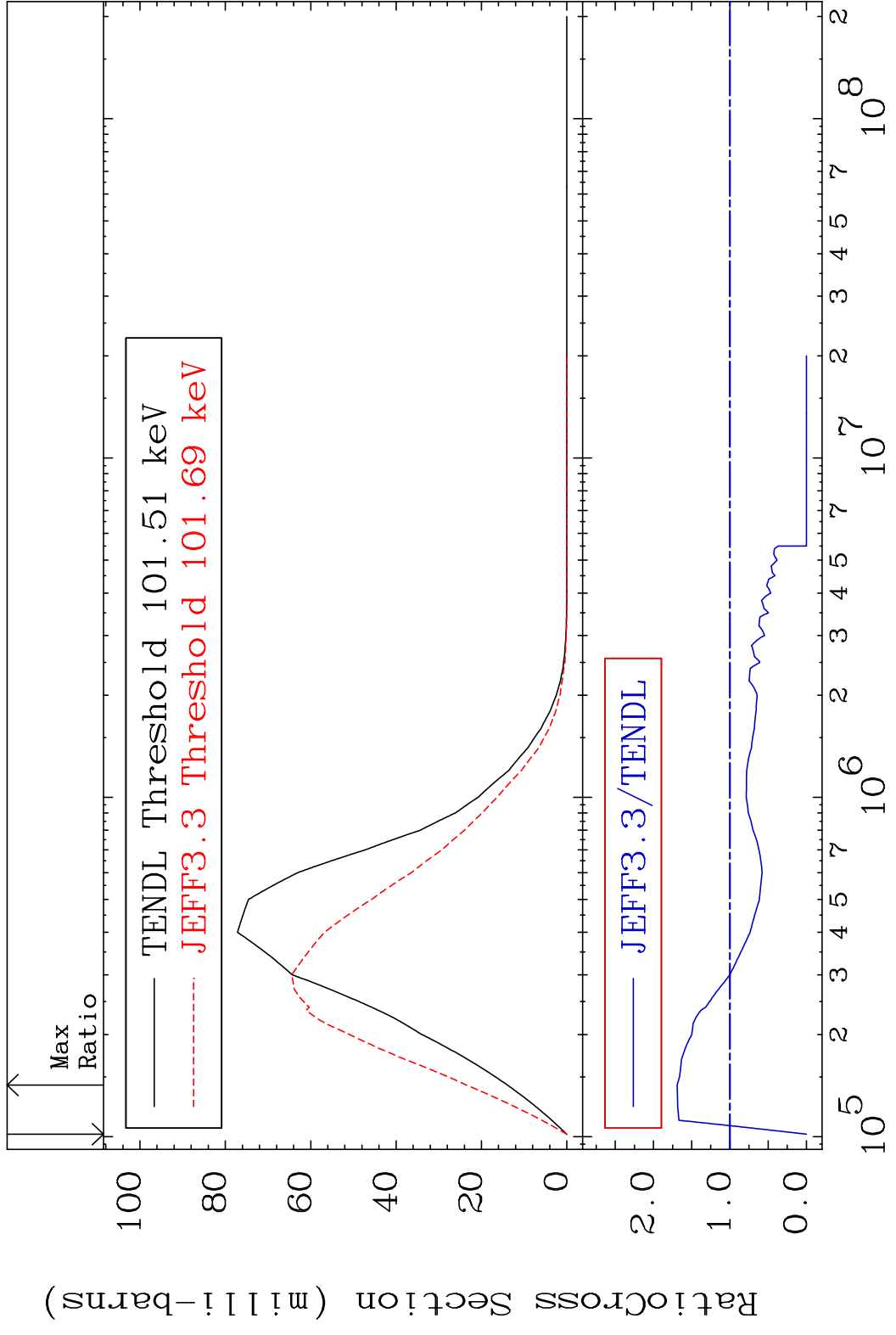
12 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 57 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 1892. %



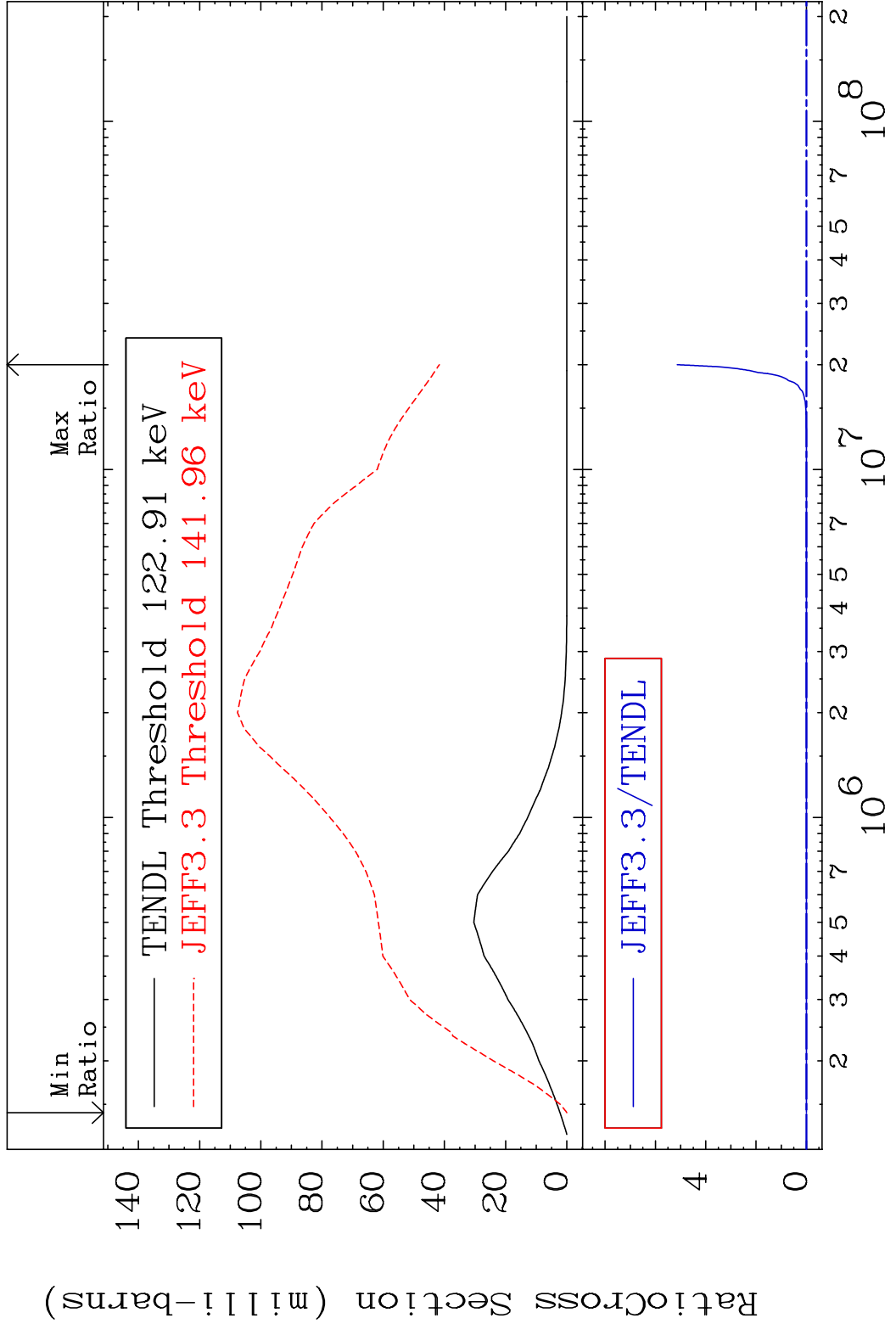
13 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 58 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 69.00 %

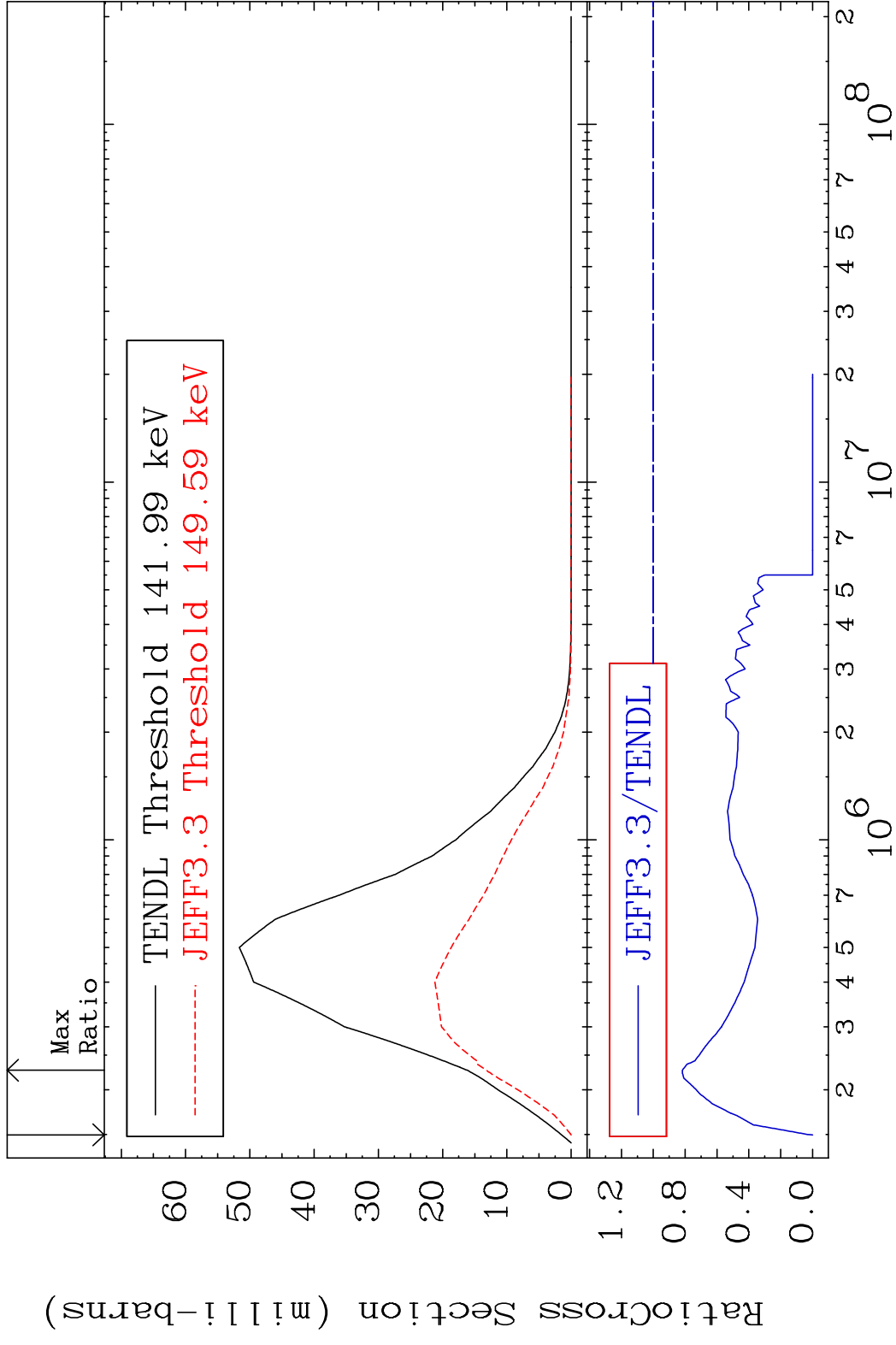


14 Incident Energy (eV) 95-Am-242m

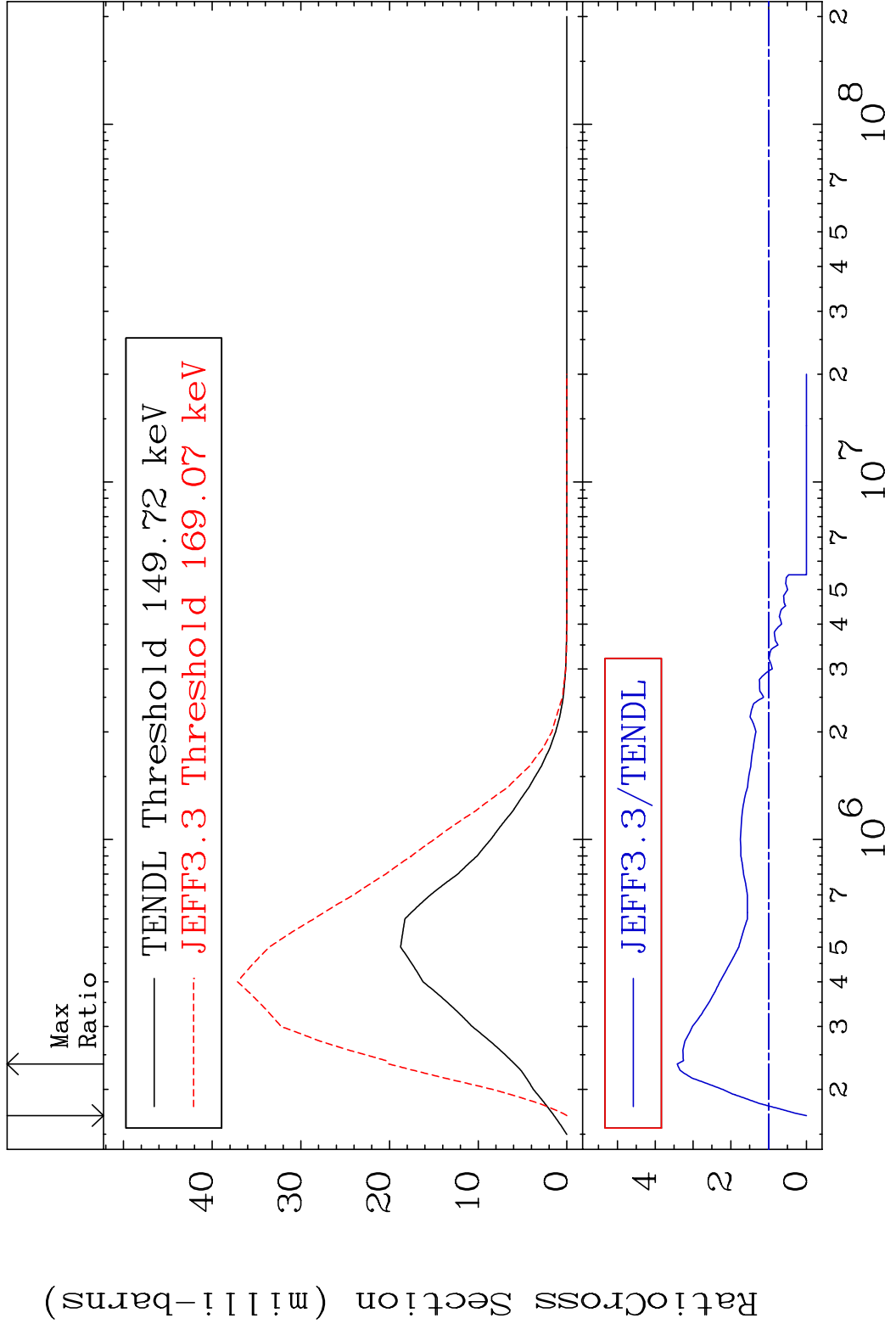
MAT 9547 MT= 59 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



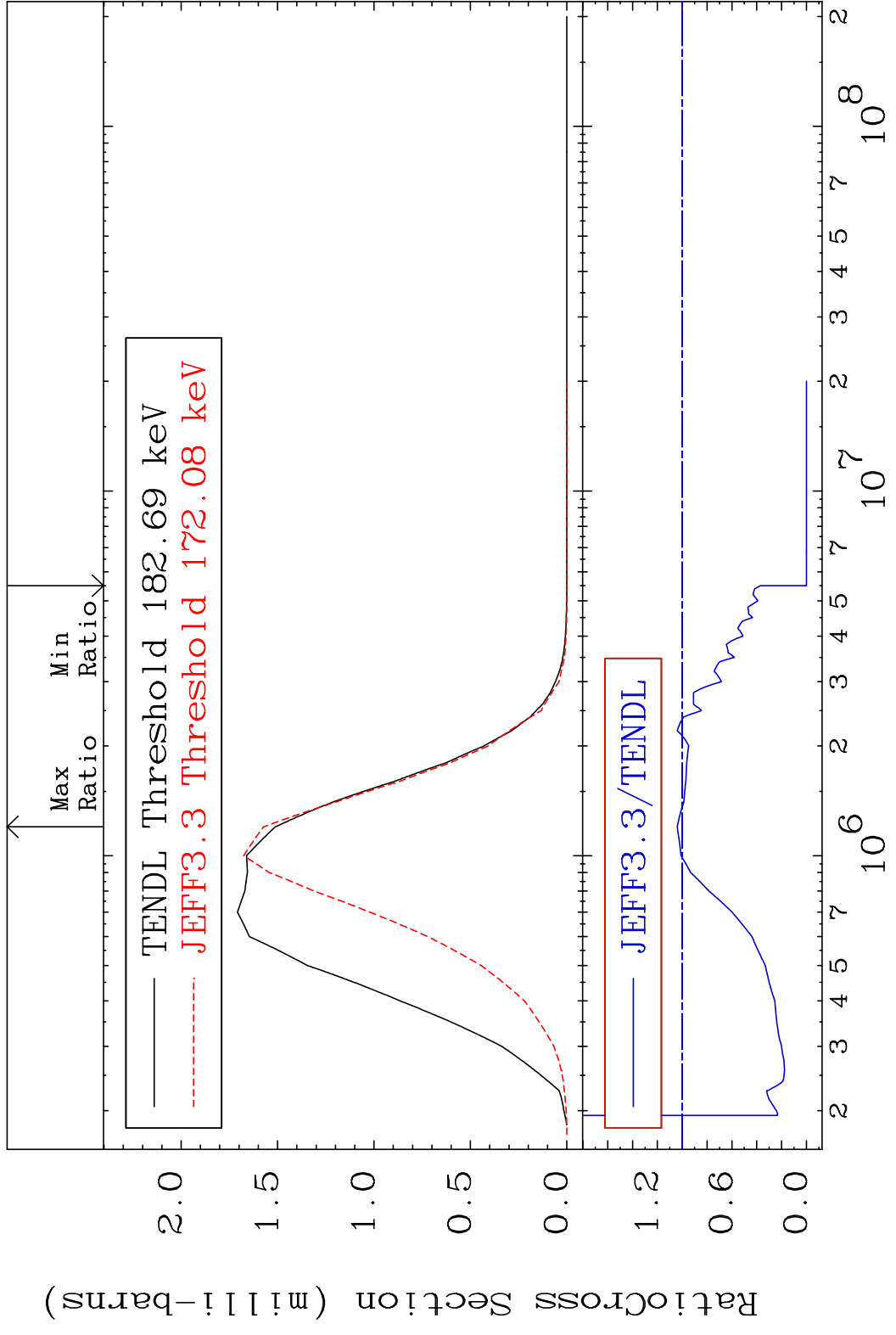
MAT 9547 MT= 60 (n, n') Level 95-Am-242m
 Cross Section -100.0 To -18.25%



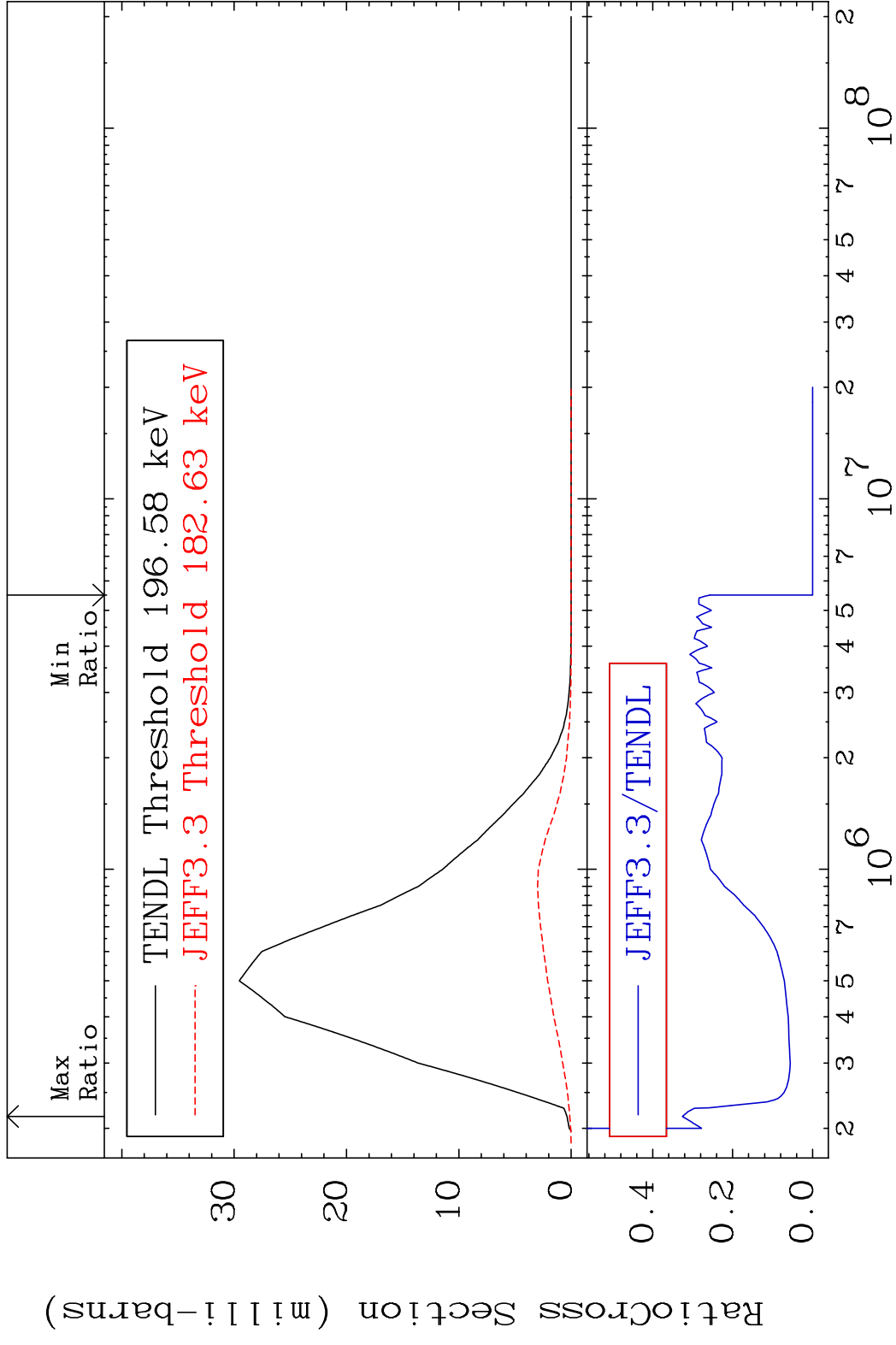
MAT 9547 MT= 61 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 241.8 %



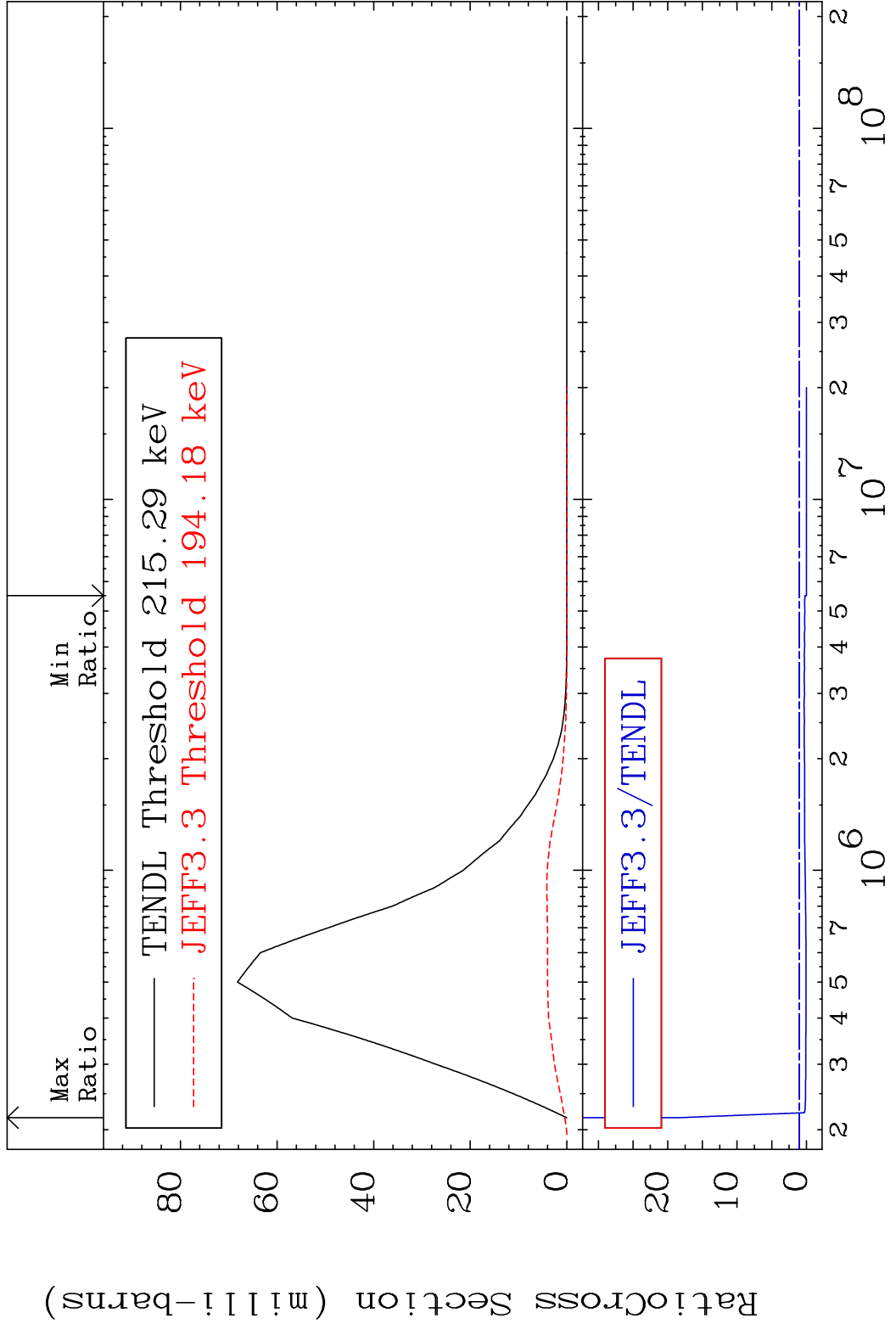
MAT 9547 MT= 62 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 4.056 %



MAT 9547 MT= 63 (n, n') Level 95-Am-242m
 Cross Section -100.0 To -67.41%

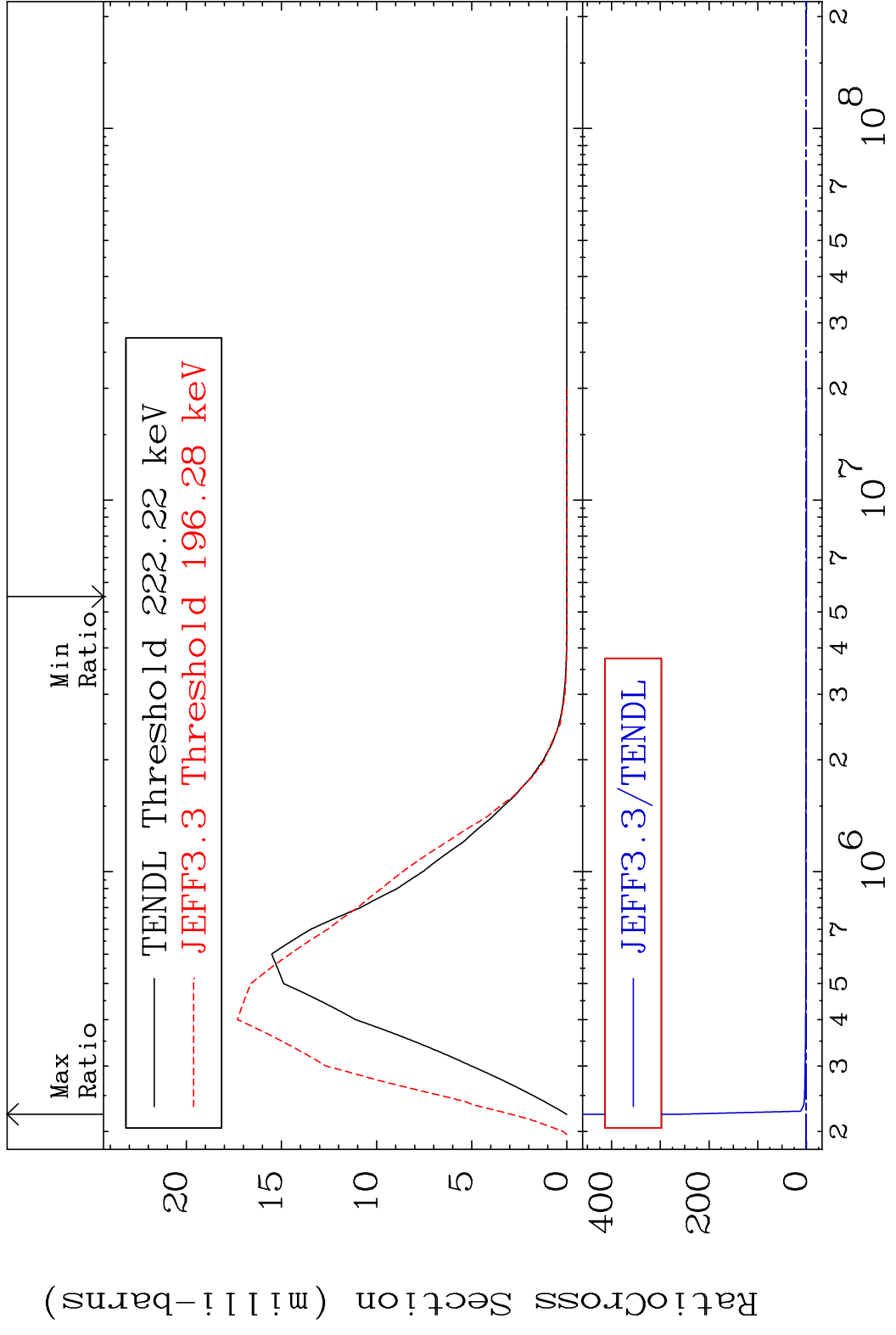


MAT 9547 MT= 64 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 1763. %



20 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 65 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

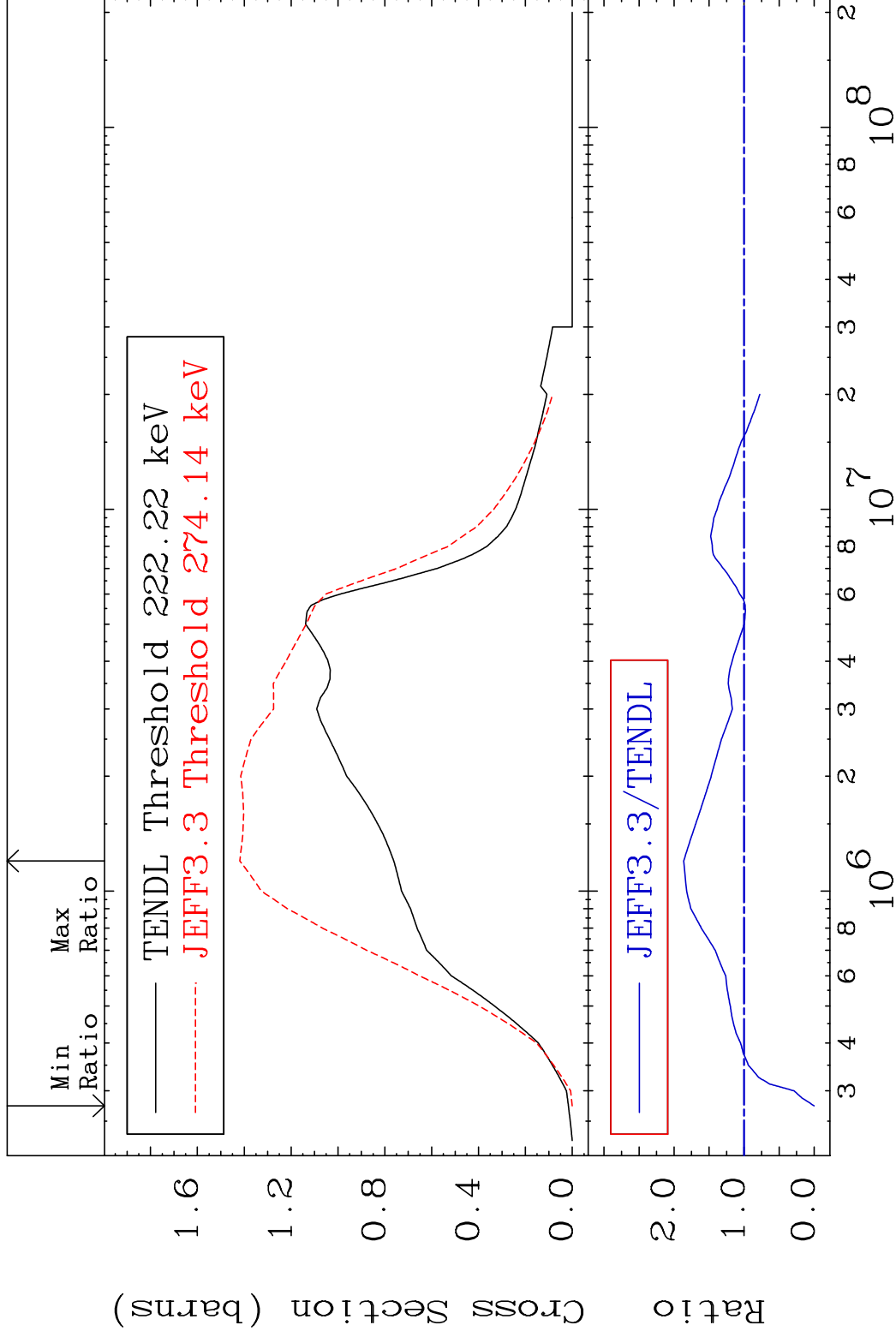


MAT 9547

(n, n') Continuum

95-Am-242m

Cross Section -100.0 To 86.30 %



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Incident Energy (eV)

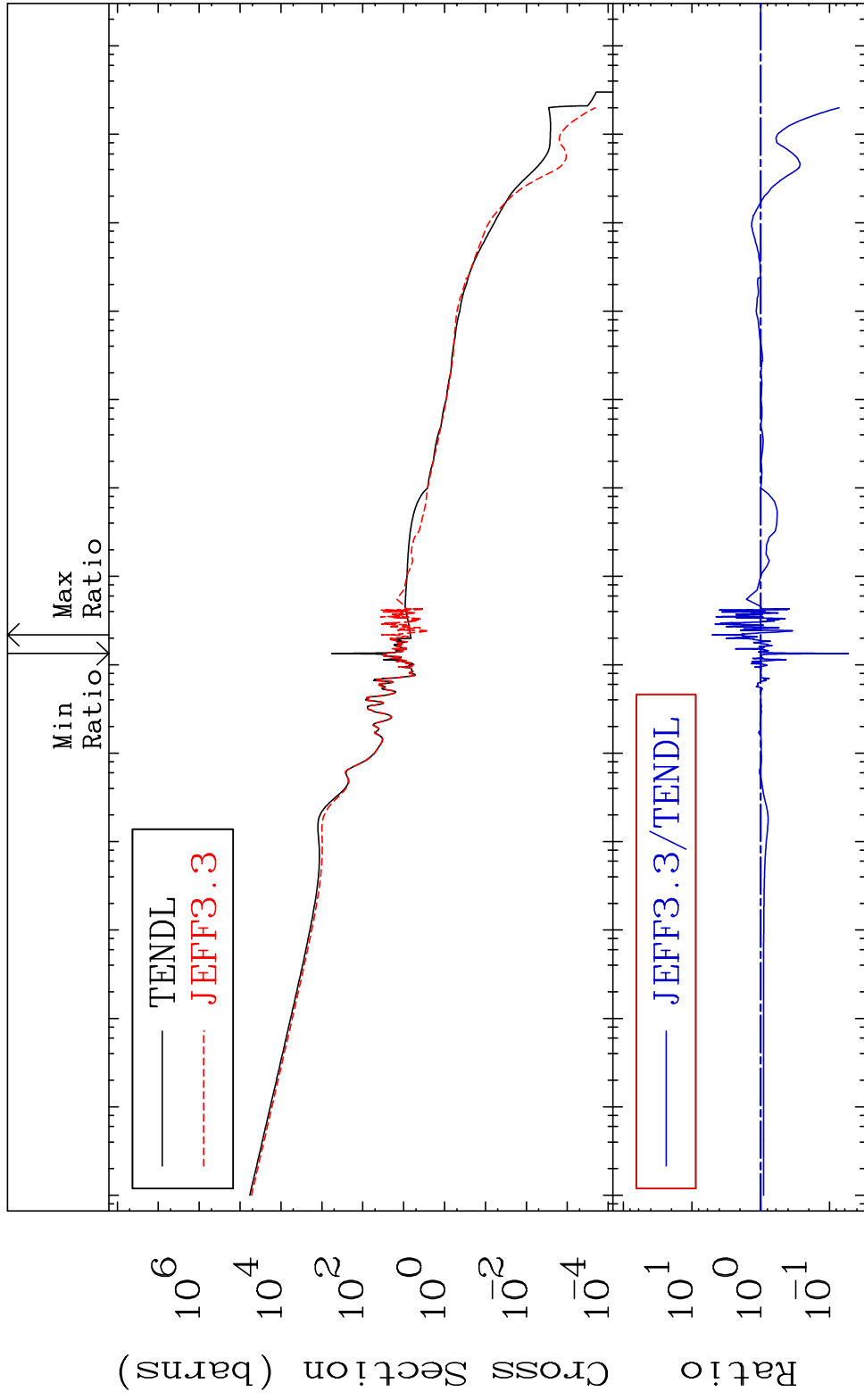
95-Am-242m

MAT 9547

(n, γ)

95-Am-242m

Cross Section -94.67 To 406.1 %



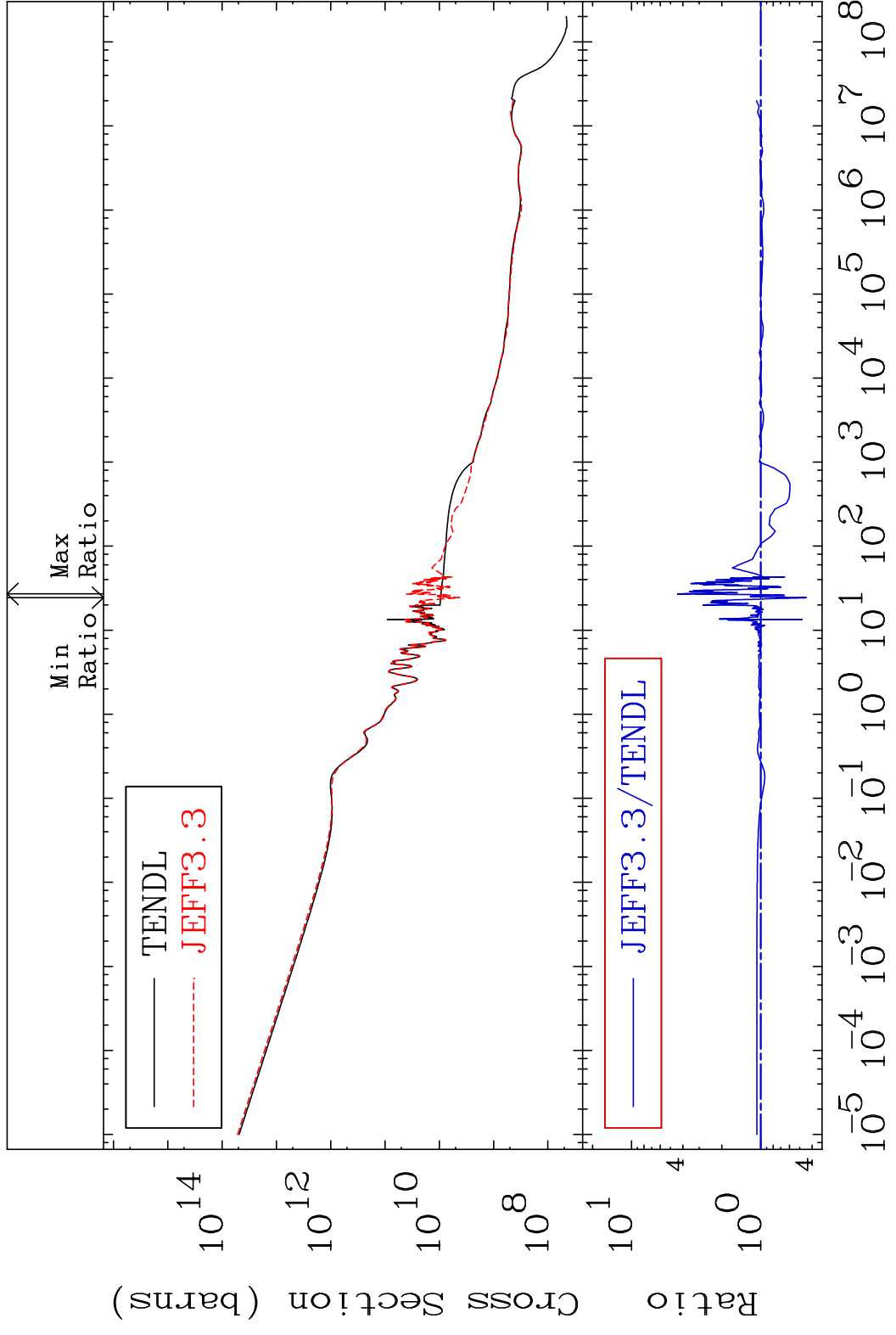
23

Incident Energy (eV)

95-Am-242m

MAT 9547

Kerma total (eV-barns) 95-Am-242m
Cross Section -55.68 To 343.3 %

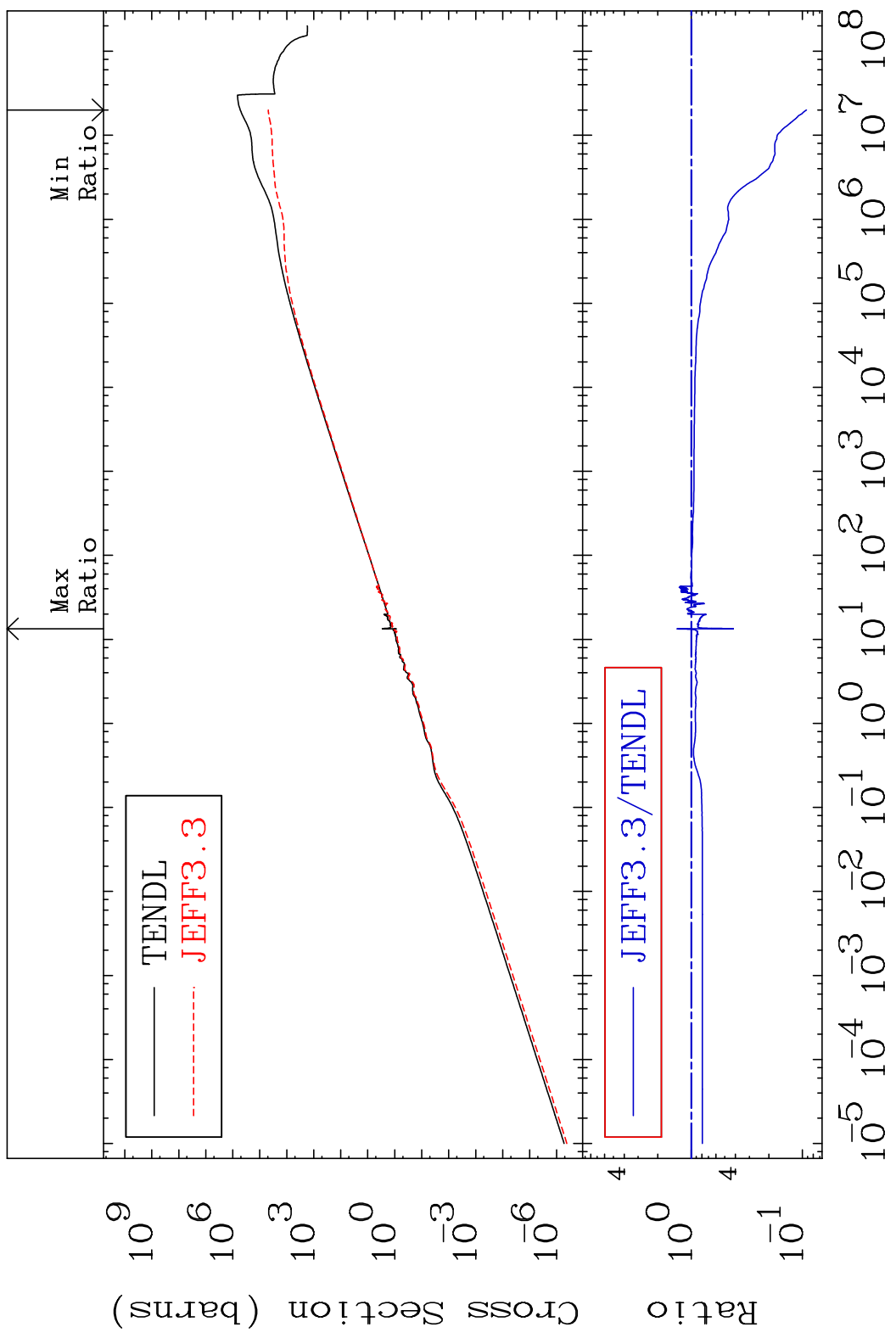


24

Incident Energy (eV) 95-Am-242m

MAT 9547

Kerma elastic Cross Section -90.78 To 33.66 %
95-Am-242m

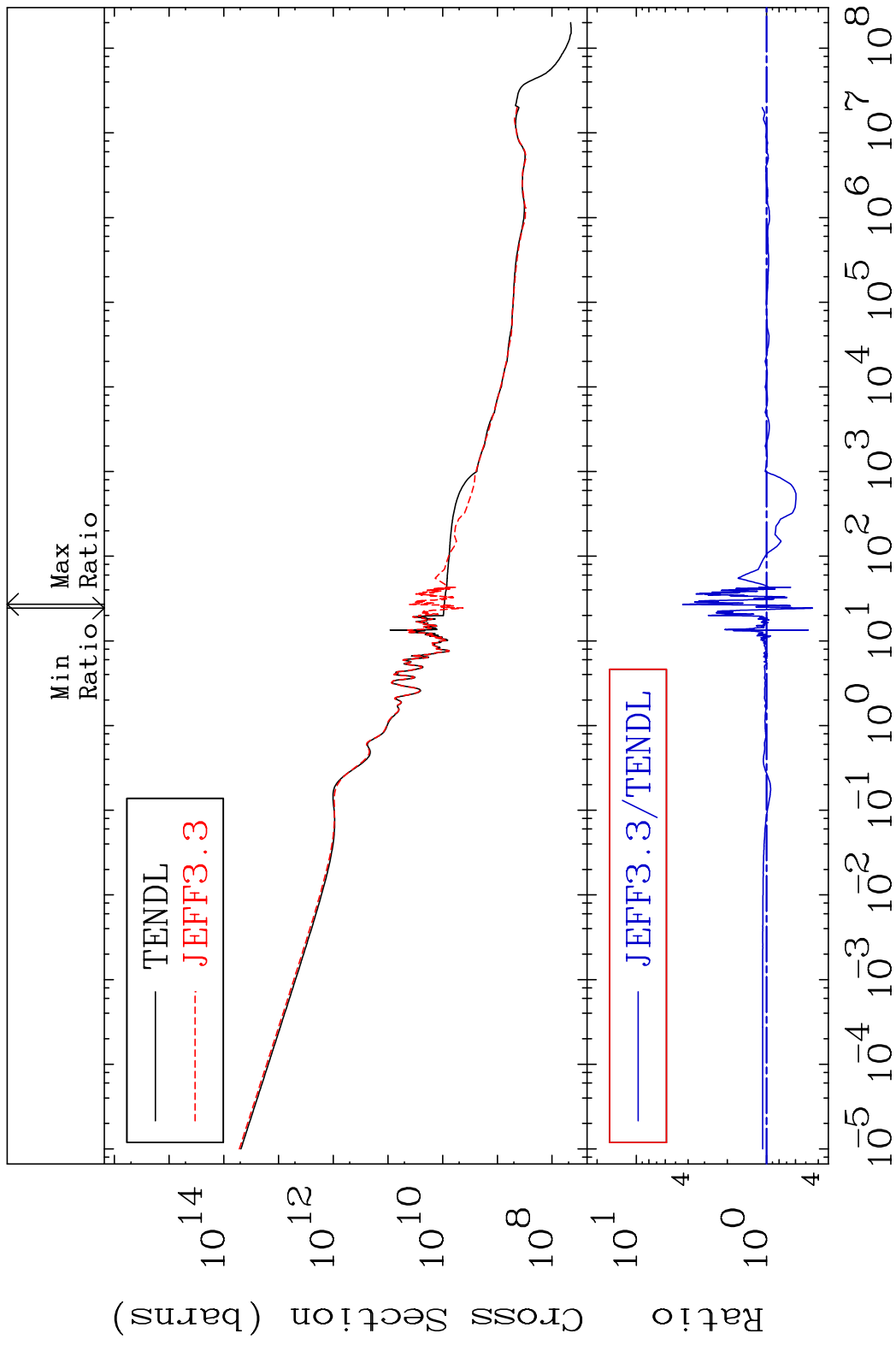


25

Incident Energy (eV)

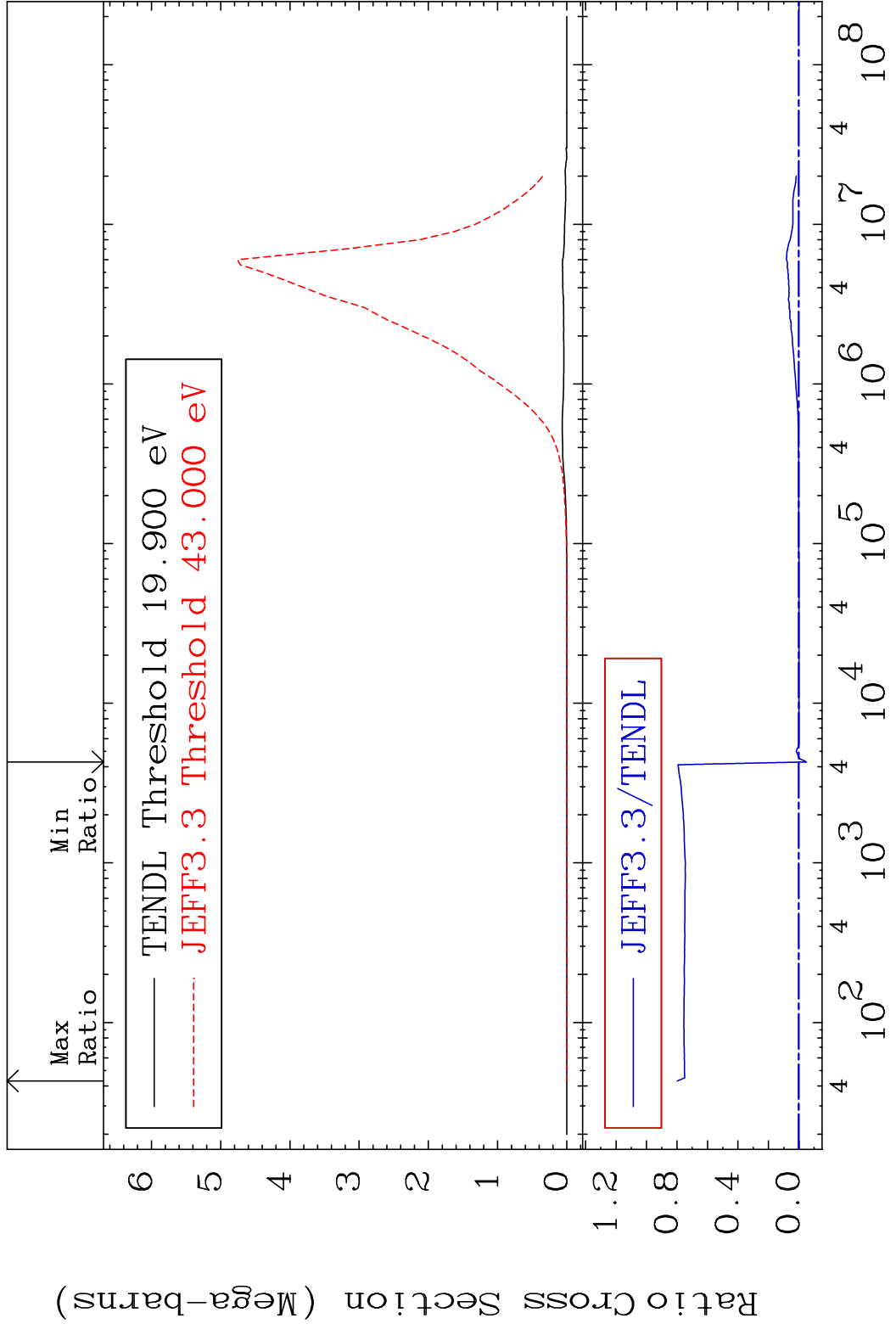
95-Am-242m

MAT 9547 Kerma non-elastic (all but mt2) 95-Am-242m
 Cross Section -55.68 To 343.3 %

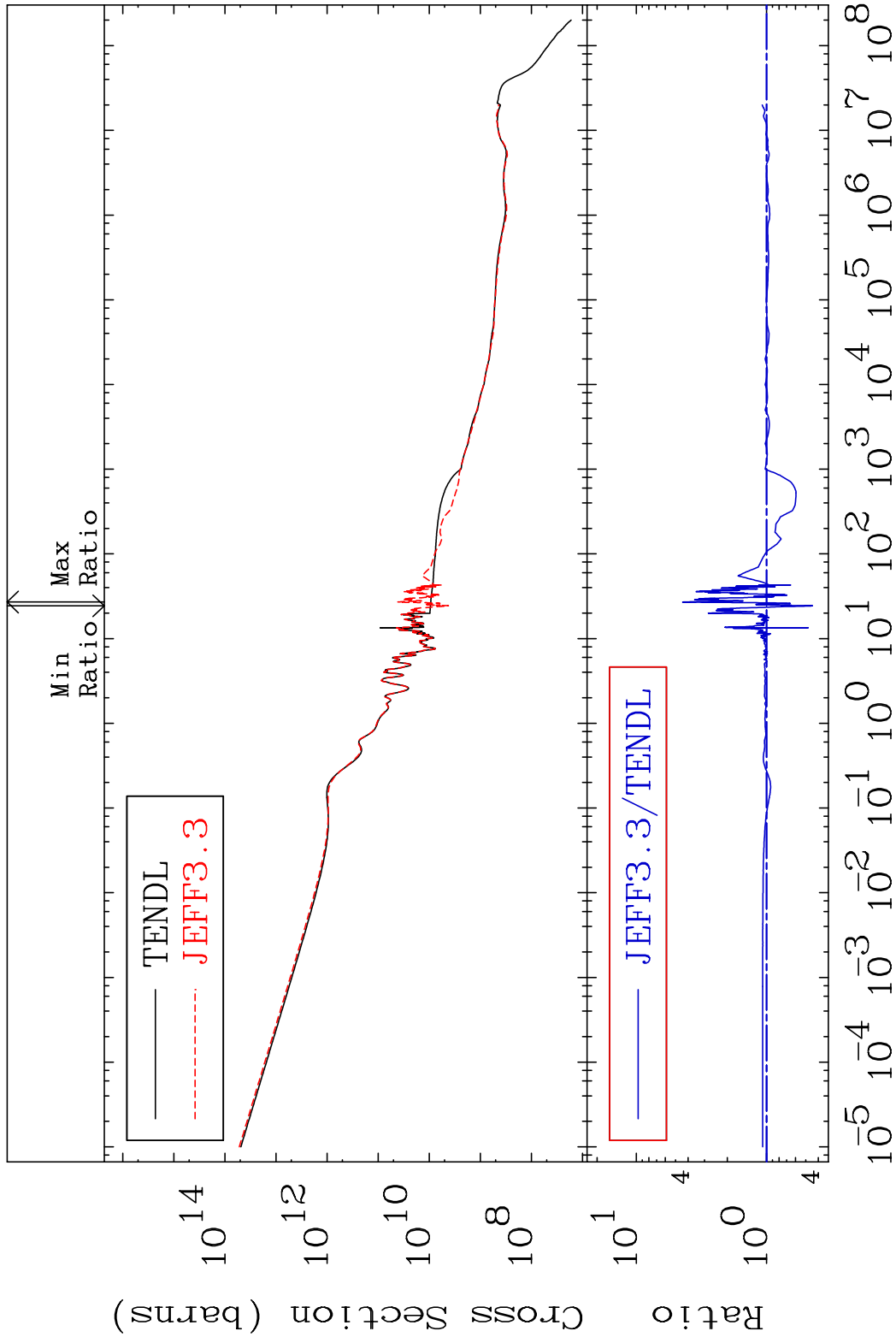


26 Incident Energy (eV) 95-Am-242m

MAT 9547 Kerma inelastic (mt51-91) 95-Am-242m
 Cross Section -4978. To 9999. %

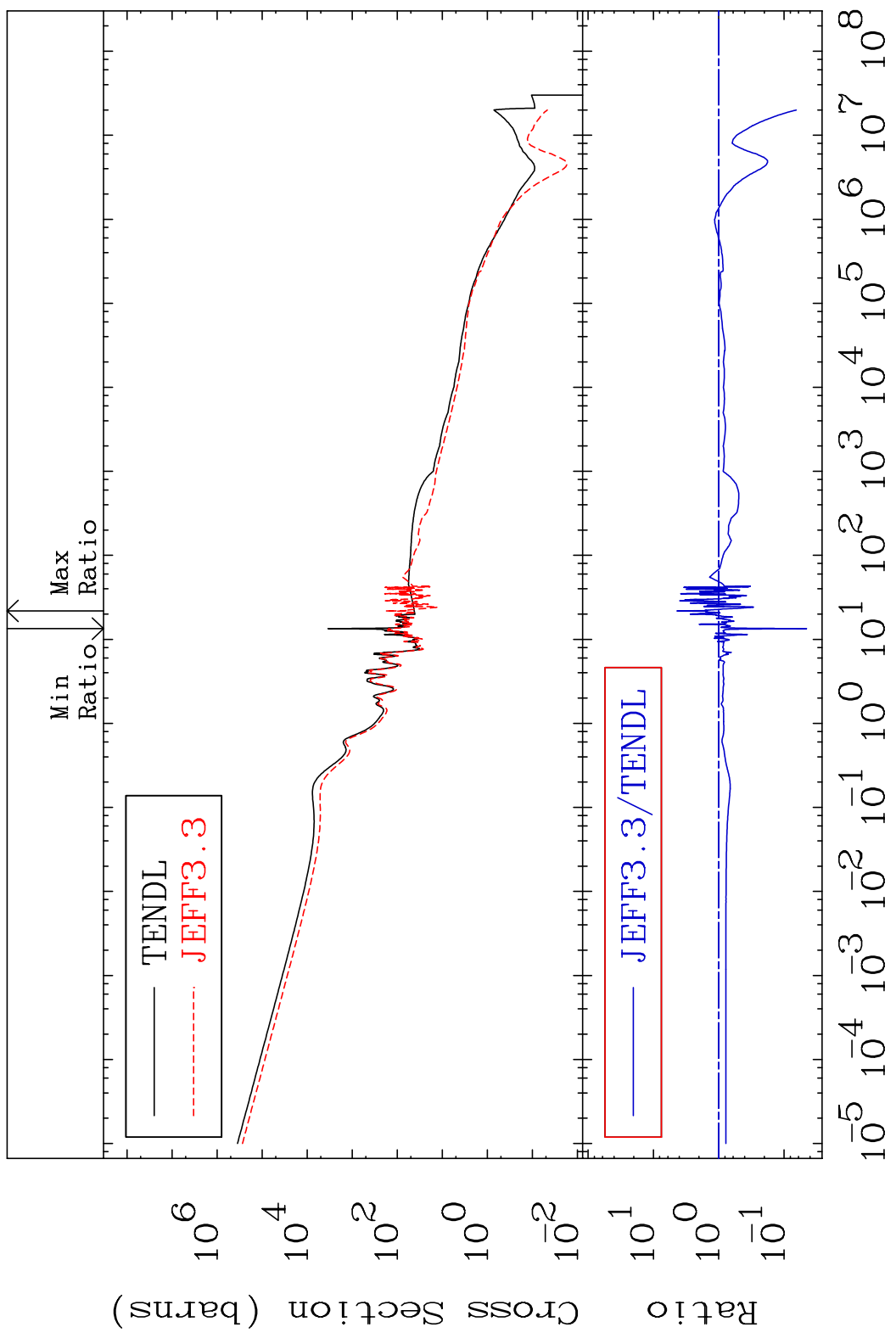


MAT 9547 Kerma fission (mt18 or mt19-20-21-30) 95-Am-242m
 Cross Section -55.68 To 343.3 %



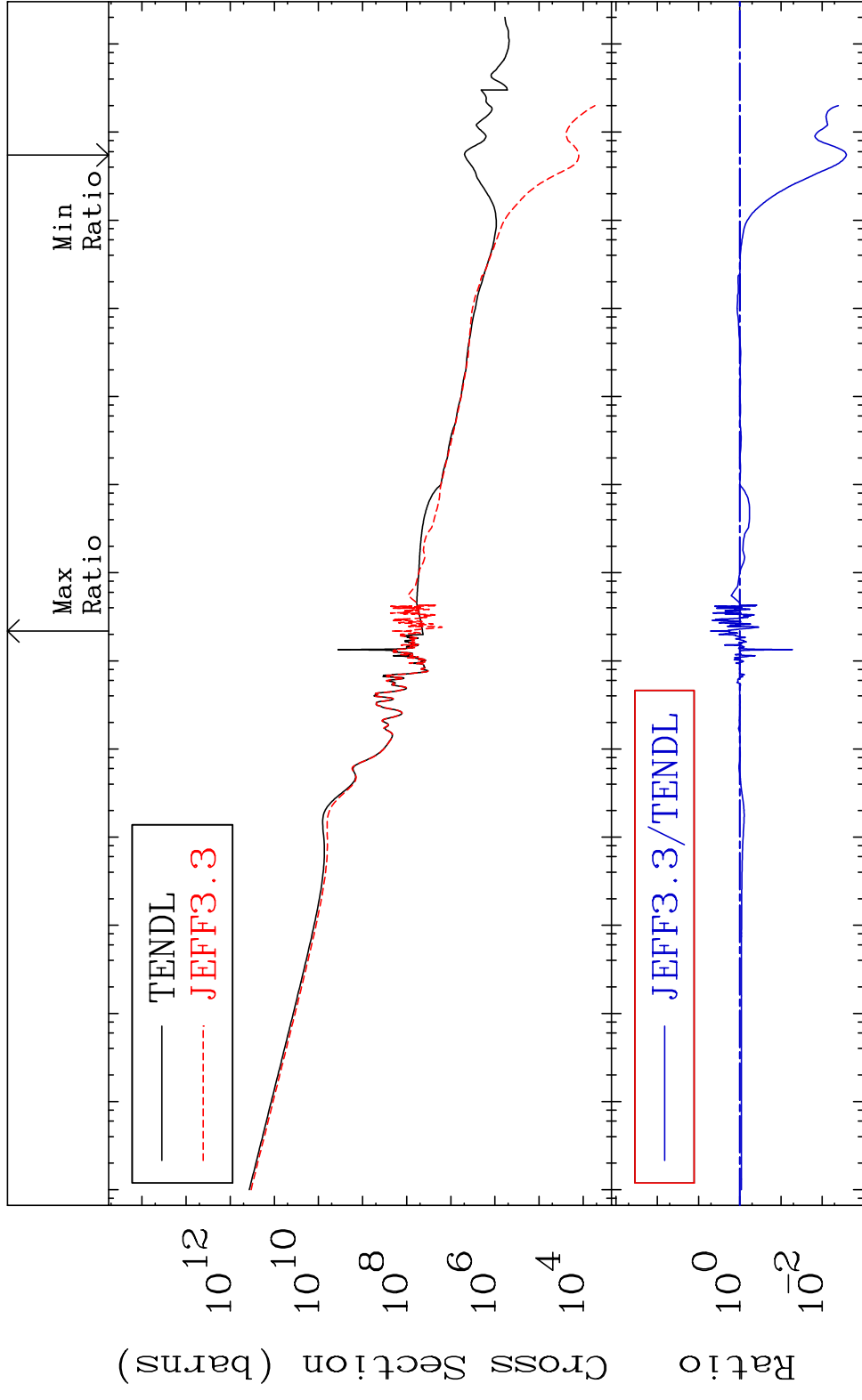
MAT 9547

Kerma capture (mt102) 95-Am-242m
Cross Section -95.46 To 331.6 %



MAT 9547

Total photon (eV-barns) 95-Am-242m
Cross Section -99.74 To 406.2 %

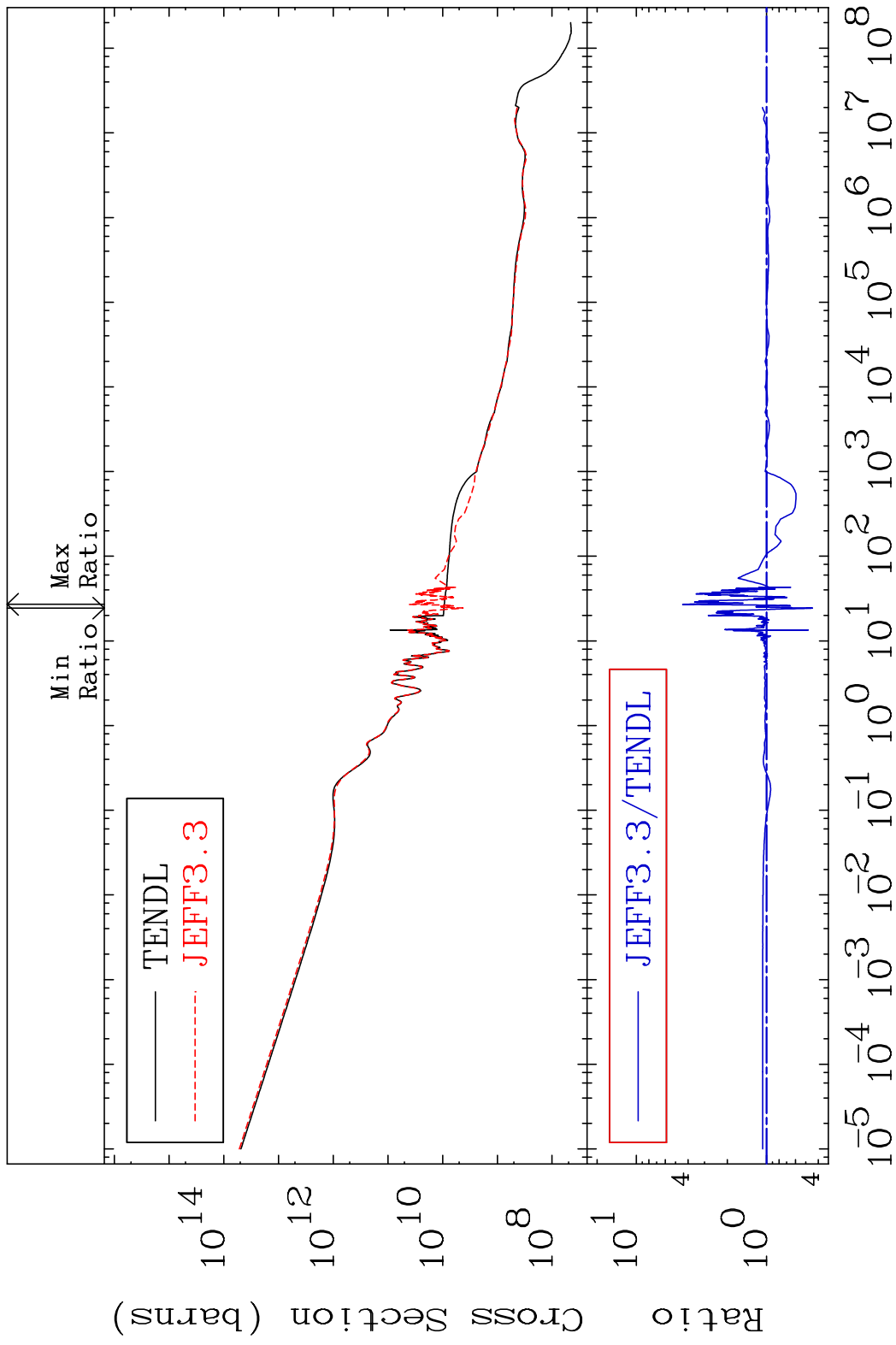


30

Incident Energy (eV)

95-Am-242m

MAT 9547 Total kinematic kerma (high limit)95-Am-242m
 Cross Section -55.68 To 343.3 %



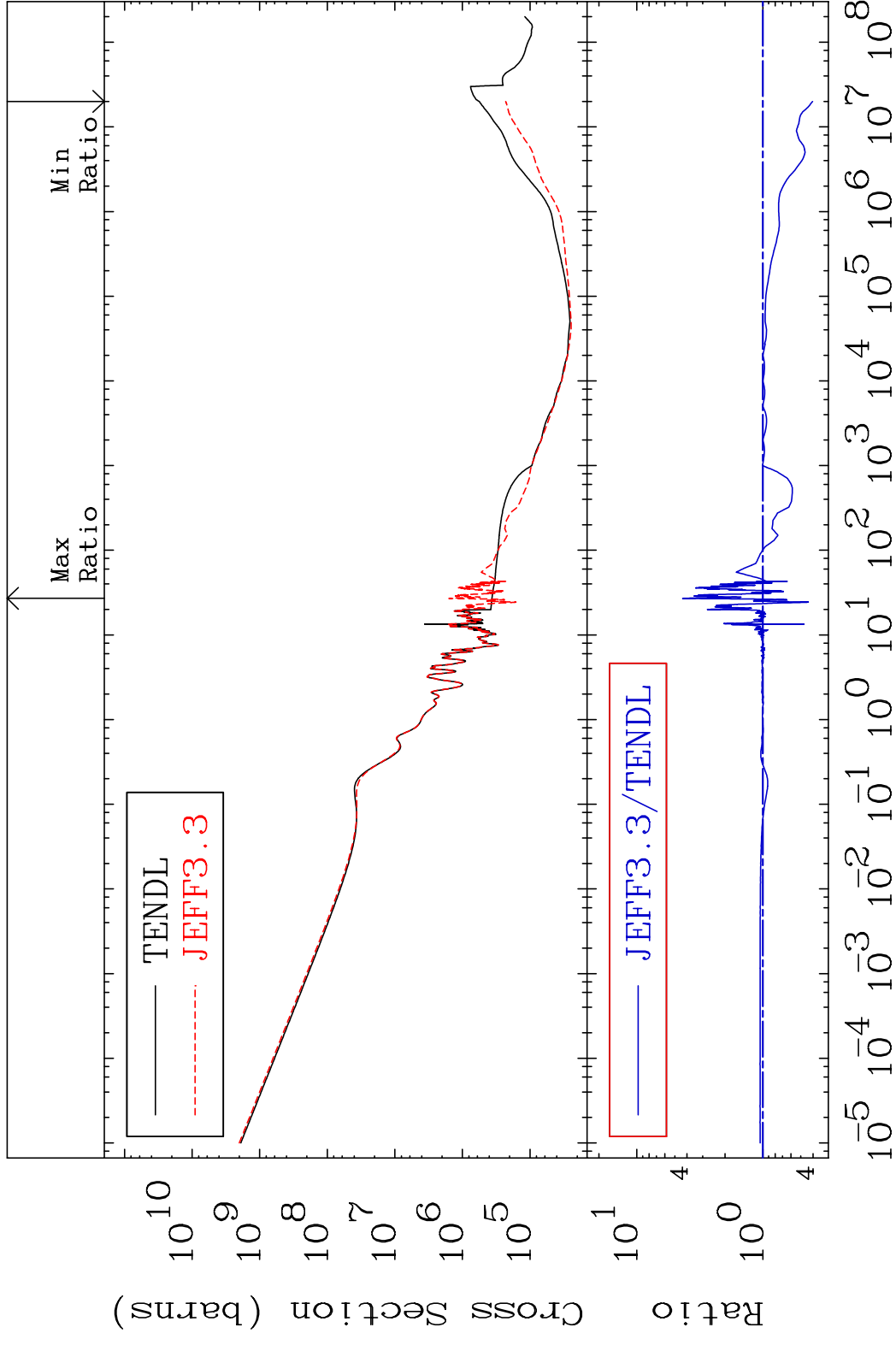
31 Incident Energy (eV) 95-Am-242m

MAT 9547

Dpa total (eV-barns)

95-Am-242m

Cross Section -59.64 To 335.7 %



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Incident Energy (eV)

95-Am-242m

MAT 9547

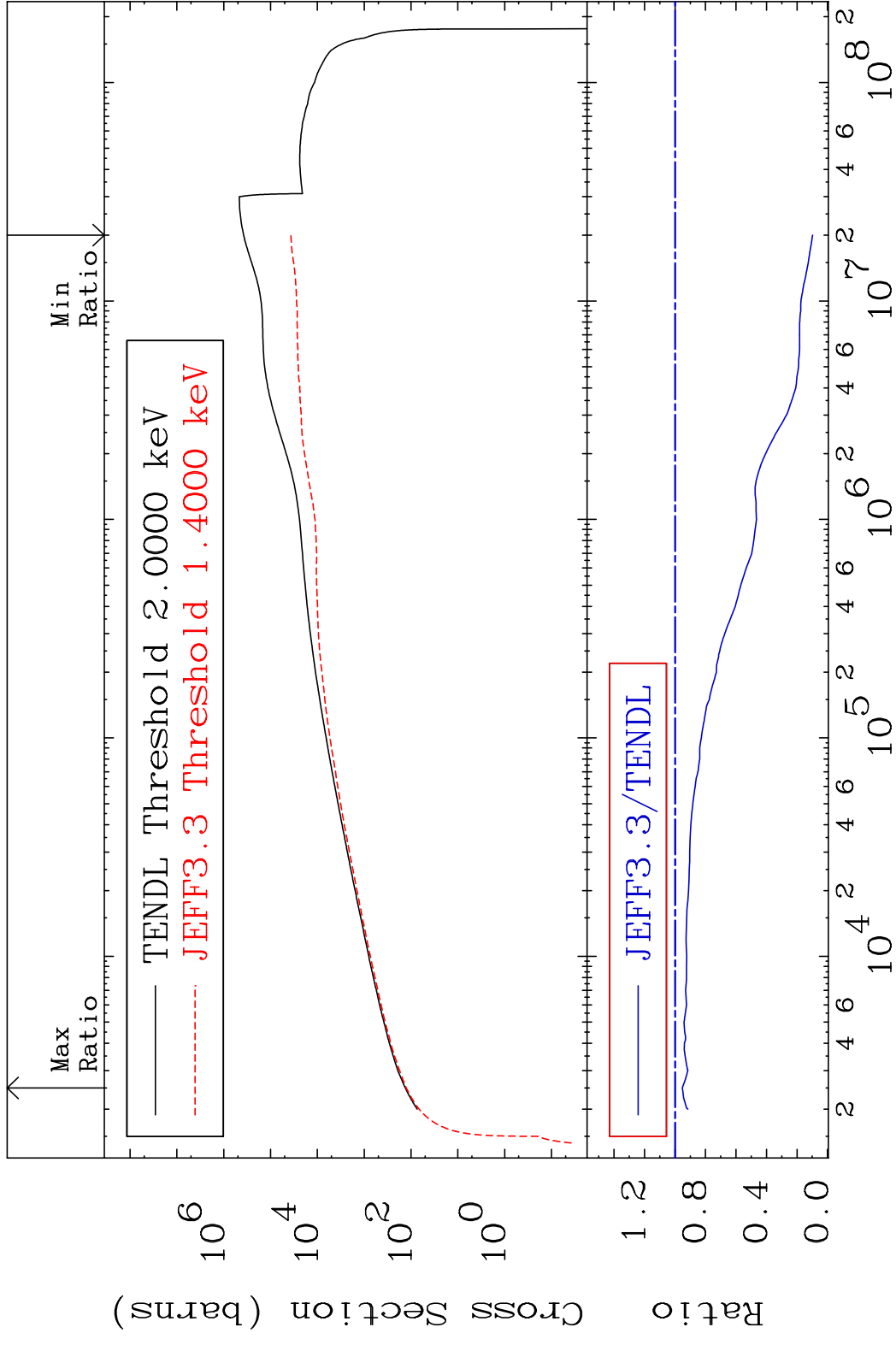
Dpa elastic (mt2)

95-Am-242m

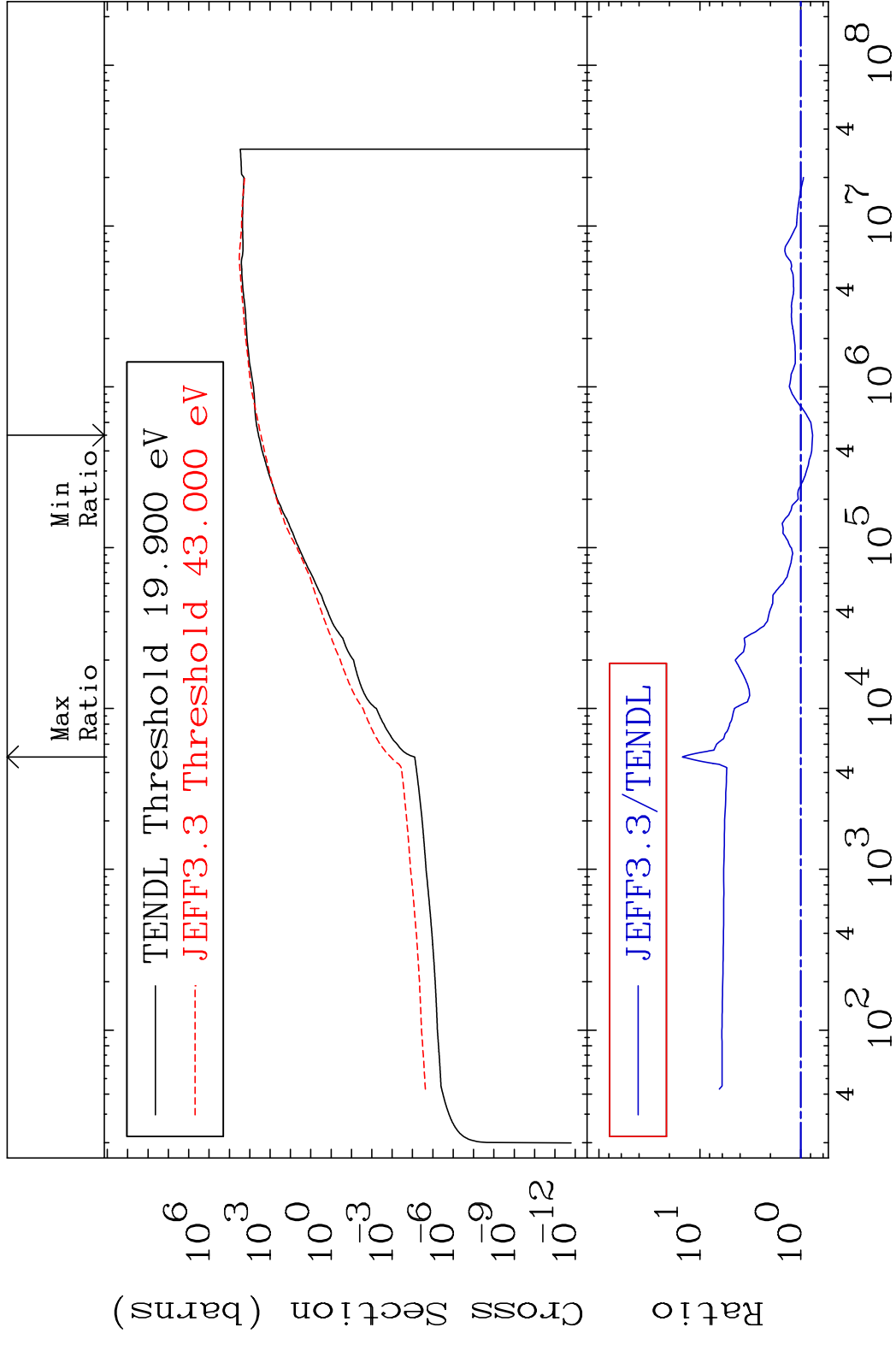
Cross Section

-90.19 To

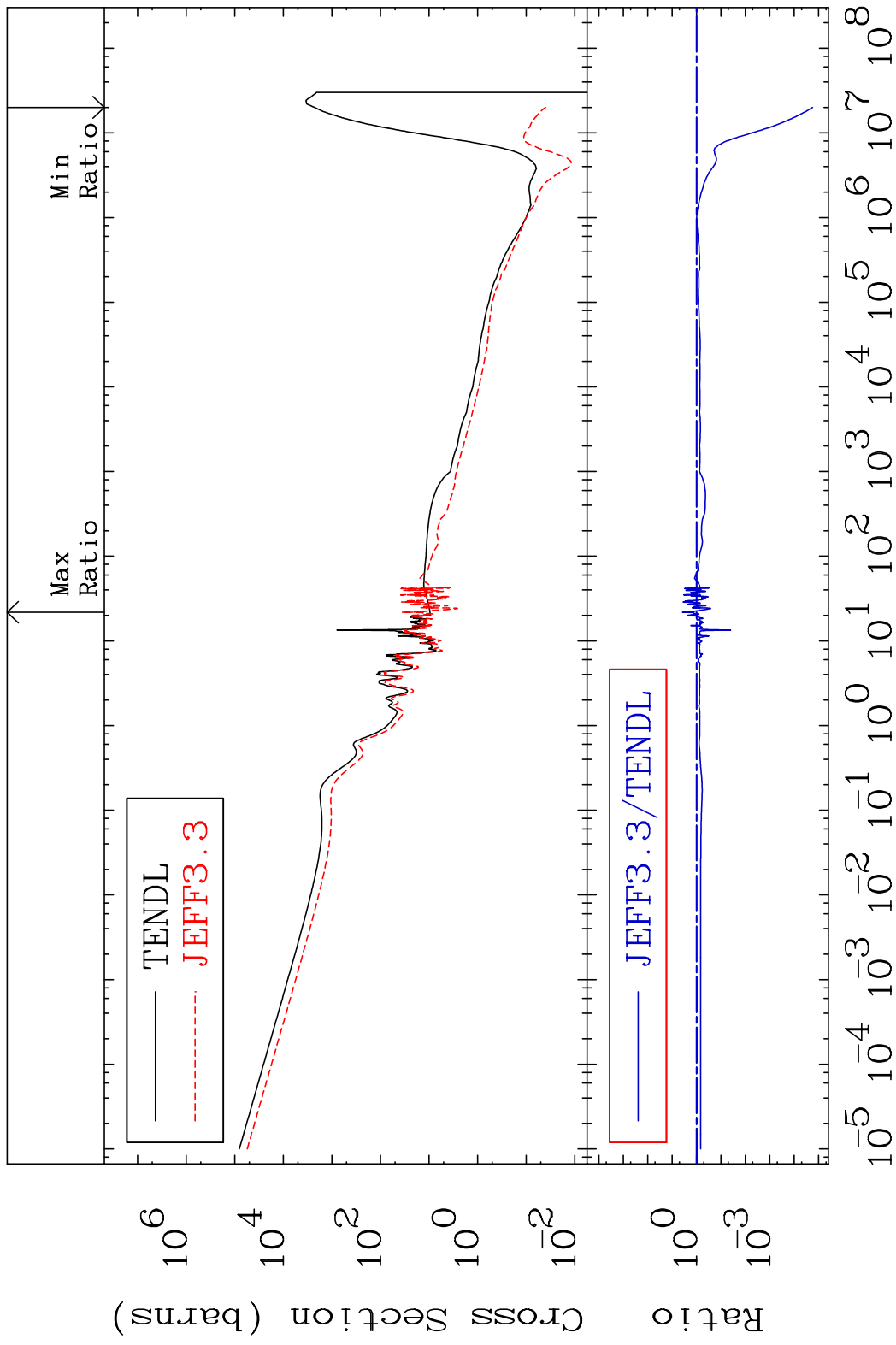
-4.804%



MAT 9547 Dpa inelastic (mt51-91) 95-Am-242m
 Cross Section -23.58 To 1390. %



MAT 9547 Dpa disappearance (mt102 -120) 95-Am-242m
 Cross Section -100.0 To 282.6 %



35 Incident Energy (eV) 95-Am-242m