

Program Complot
(Version 2021-1)

by

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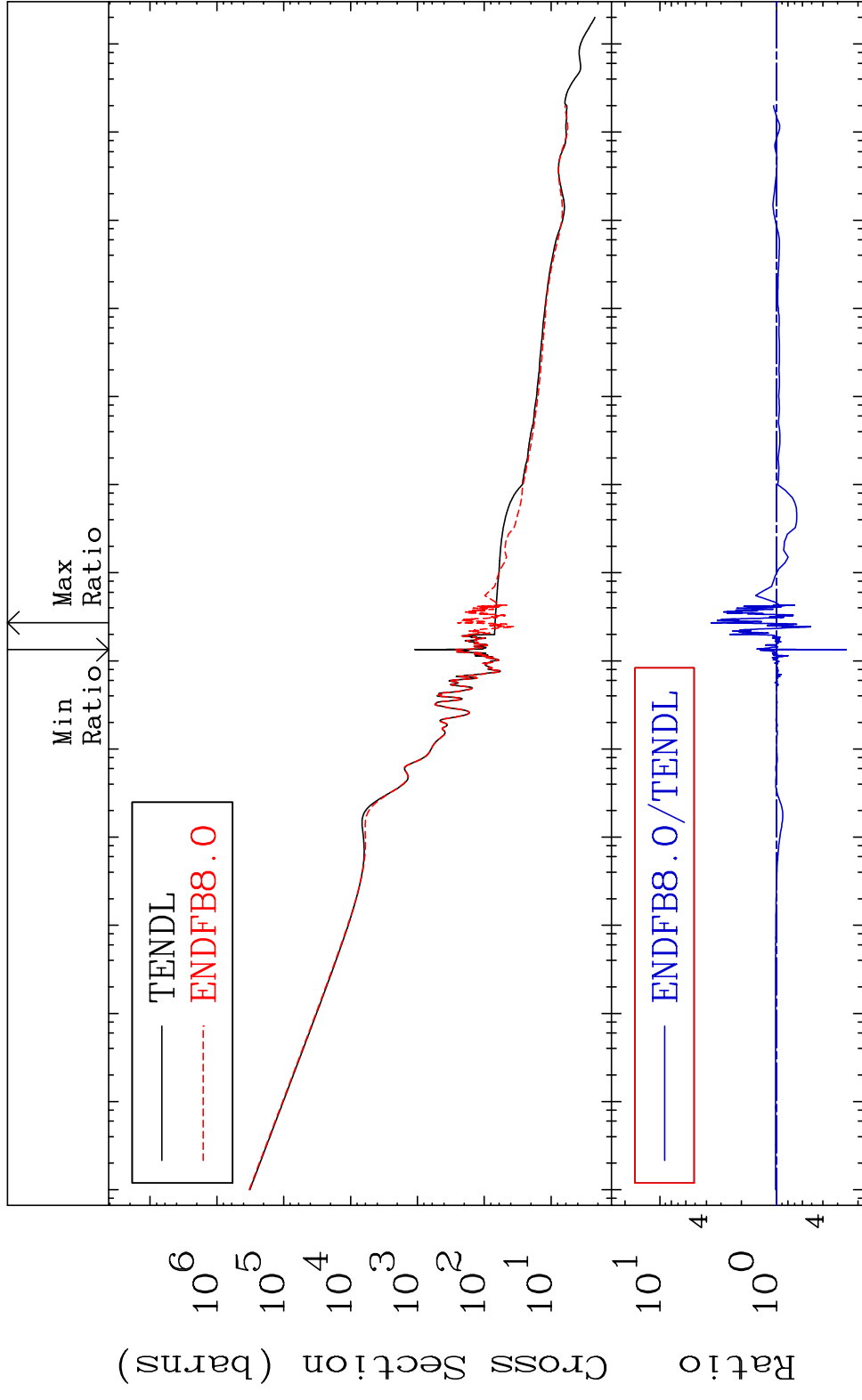
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9547

Total Cross Section -74.78 To 267.2 %

95-Am-242m



95-Am-242m

Incident Energy (eV)

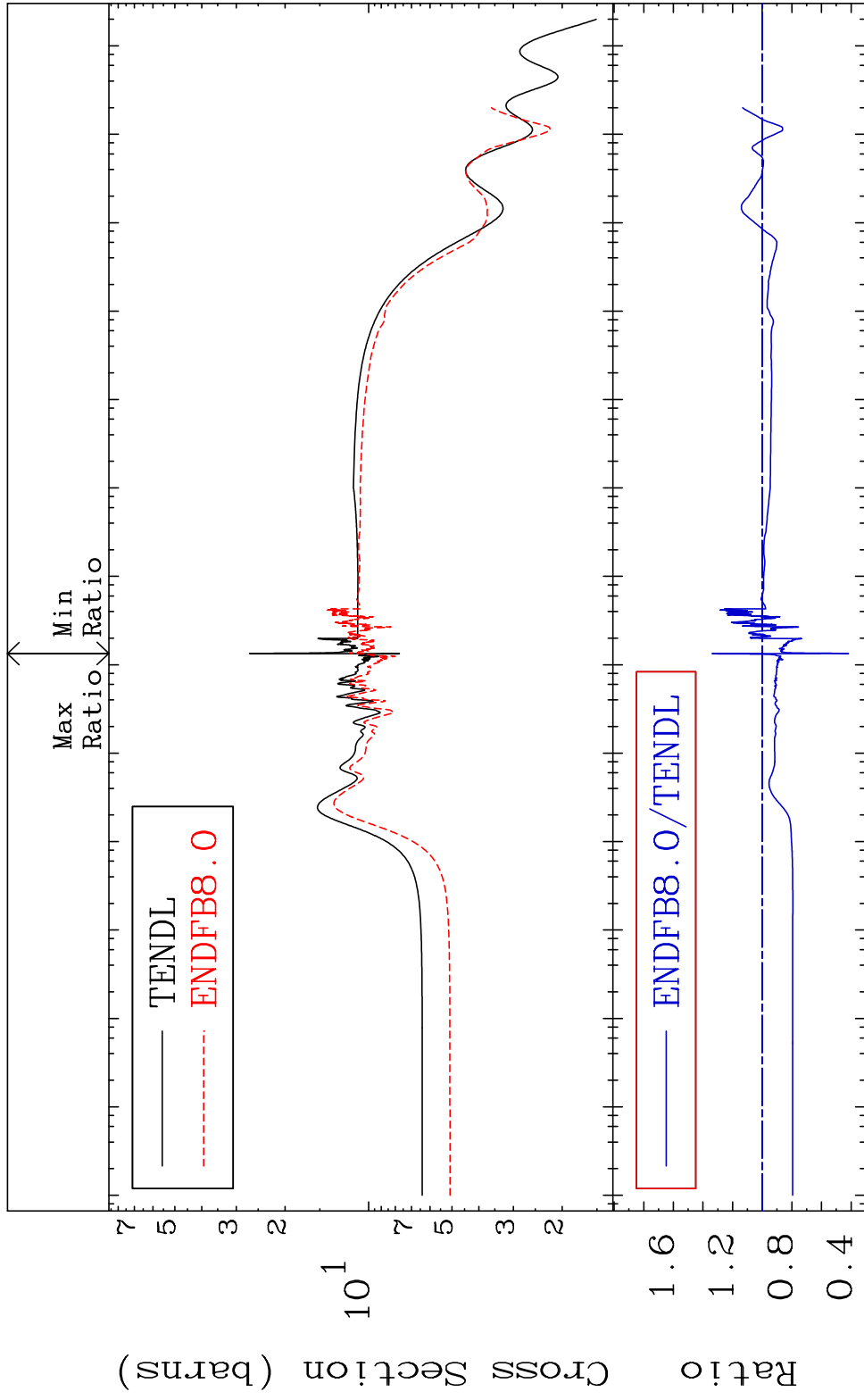
1

MAT 9547

Elastic

95-Am-242m

Cross Section -58.11 To 33.66 %



2

Incident Energy (eV)

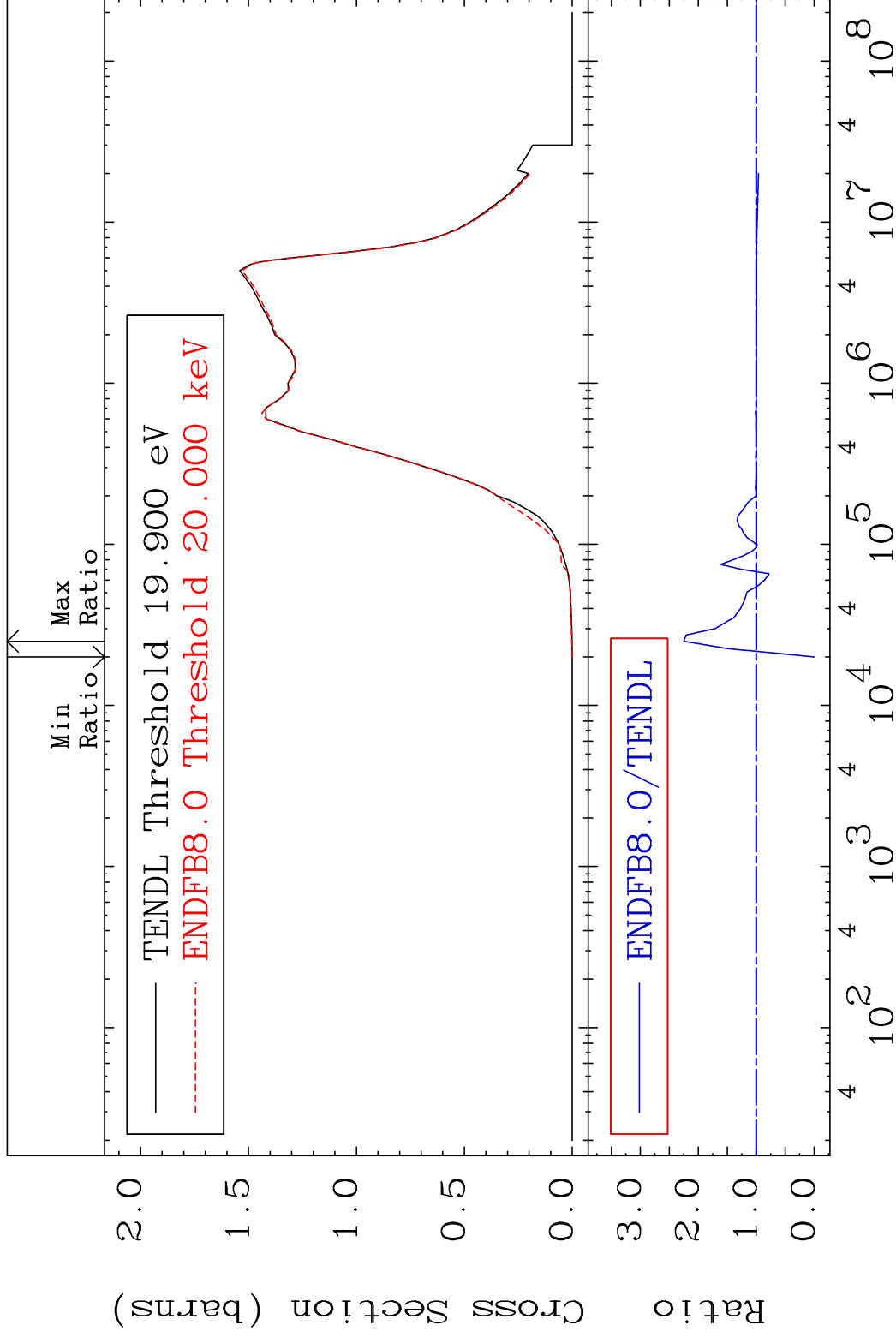
95-Am-242m

MAT 9547

Inelastic

95-Am-242m

Cross Section -100.0 To 125.3 %



3

Incident Energy (eV)

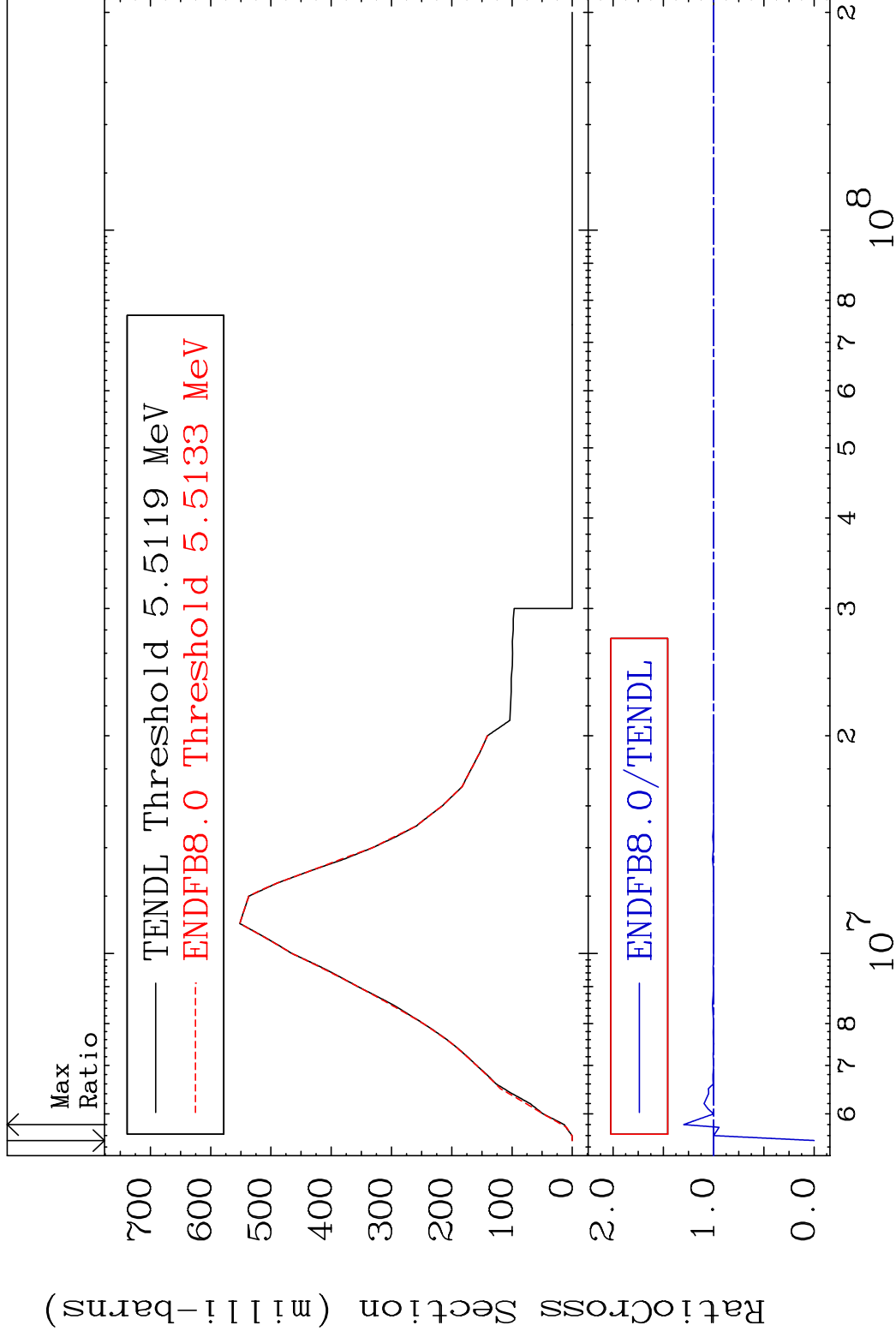
95-Am-242m

MAT 9547

(n,2n)

95-Am-242m

Cross Section -100.0 To 29.83 %



4

Incident Energy (eV)

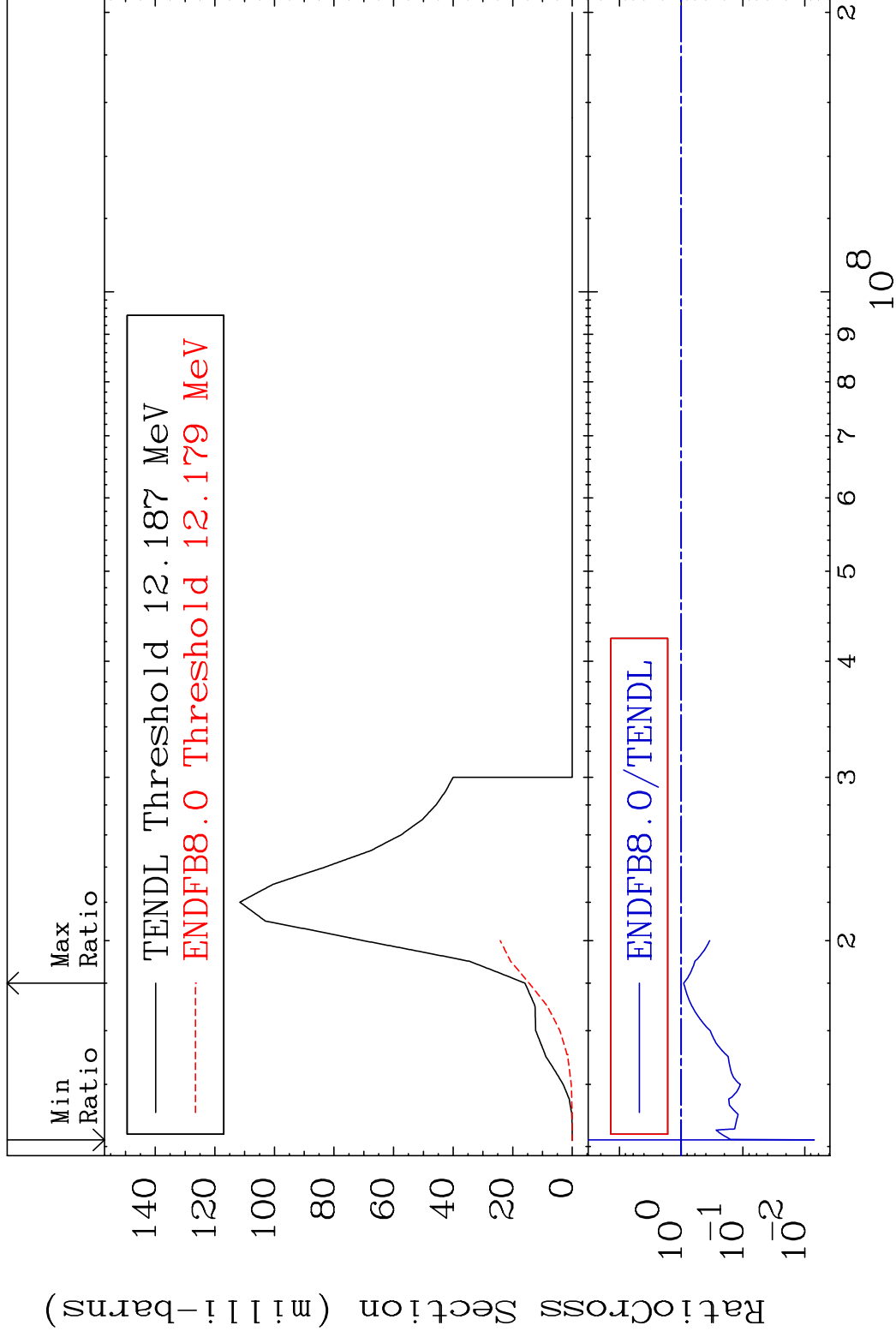
95-Am-242m

MAT 9547

(n,3n)

95-Am-242m

Cross Section -99.29 To -8.738%



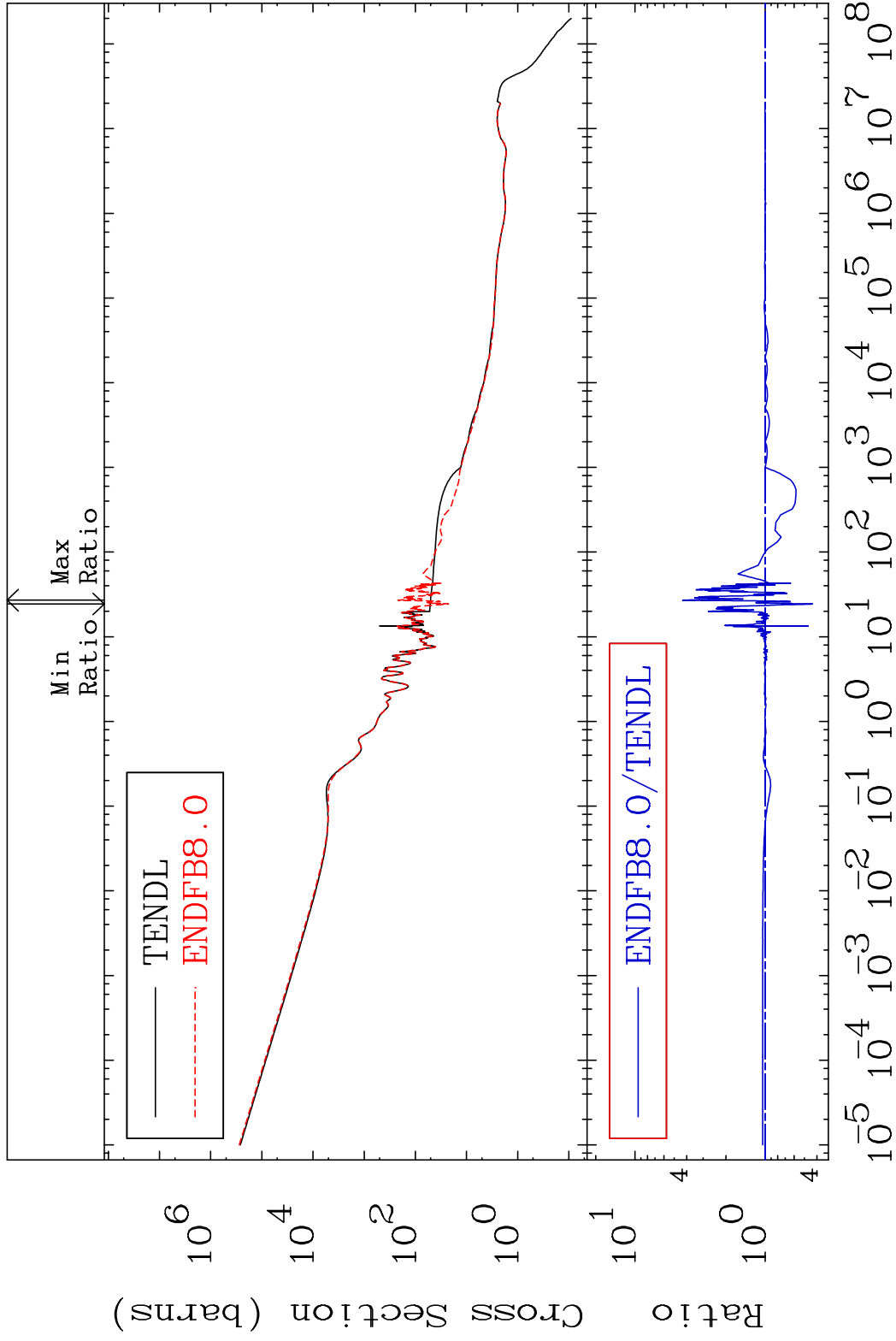
MAT 9547

Fission

95-Am-242m

Cross Section

-56.75 To 332.5 %

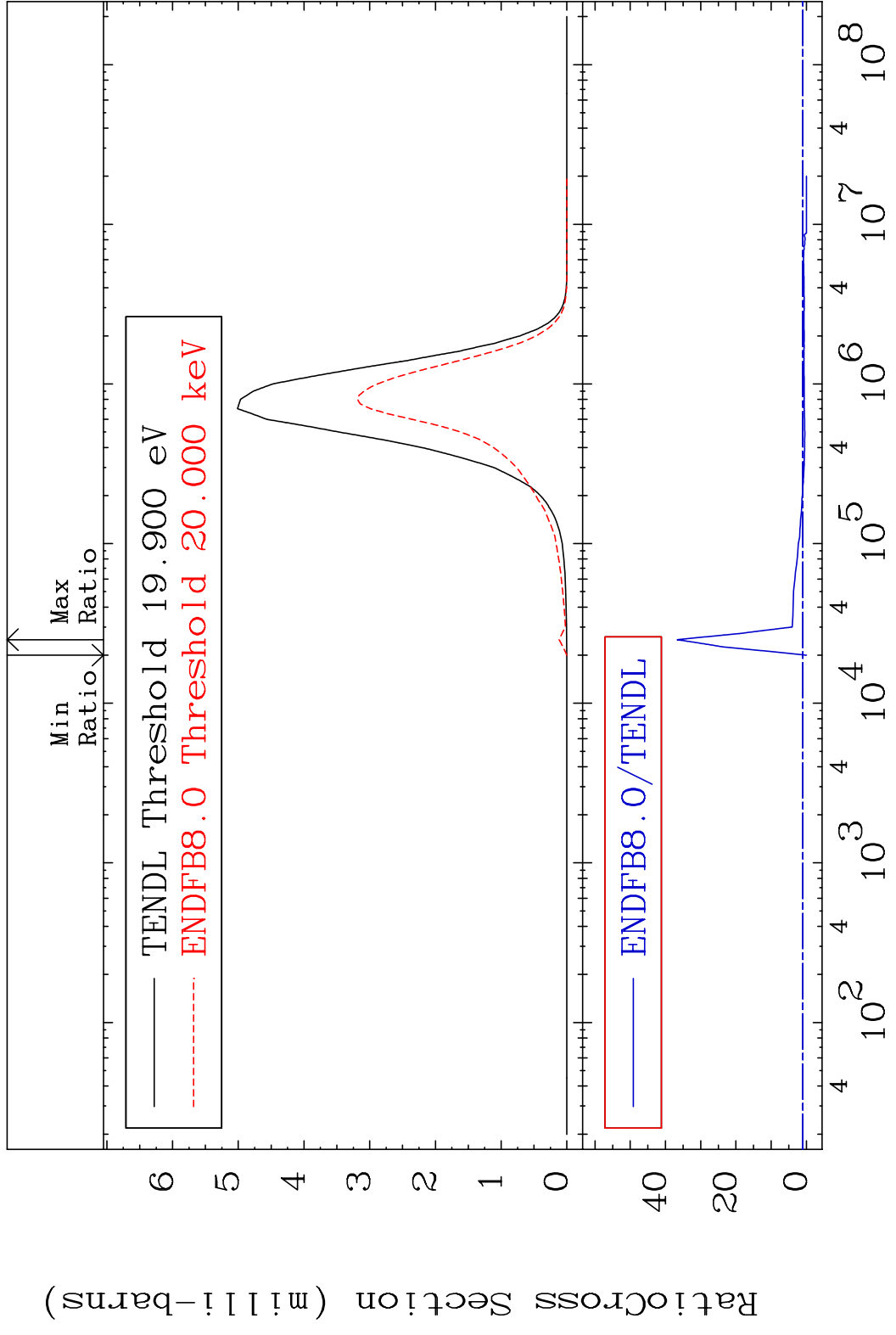


6

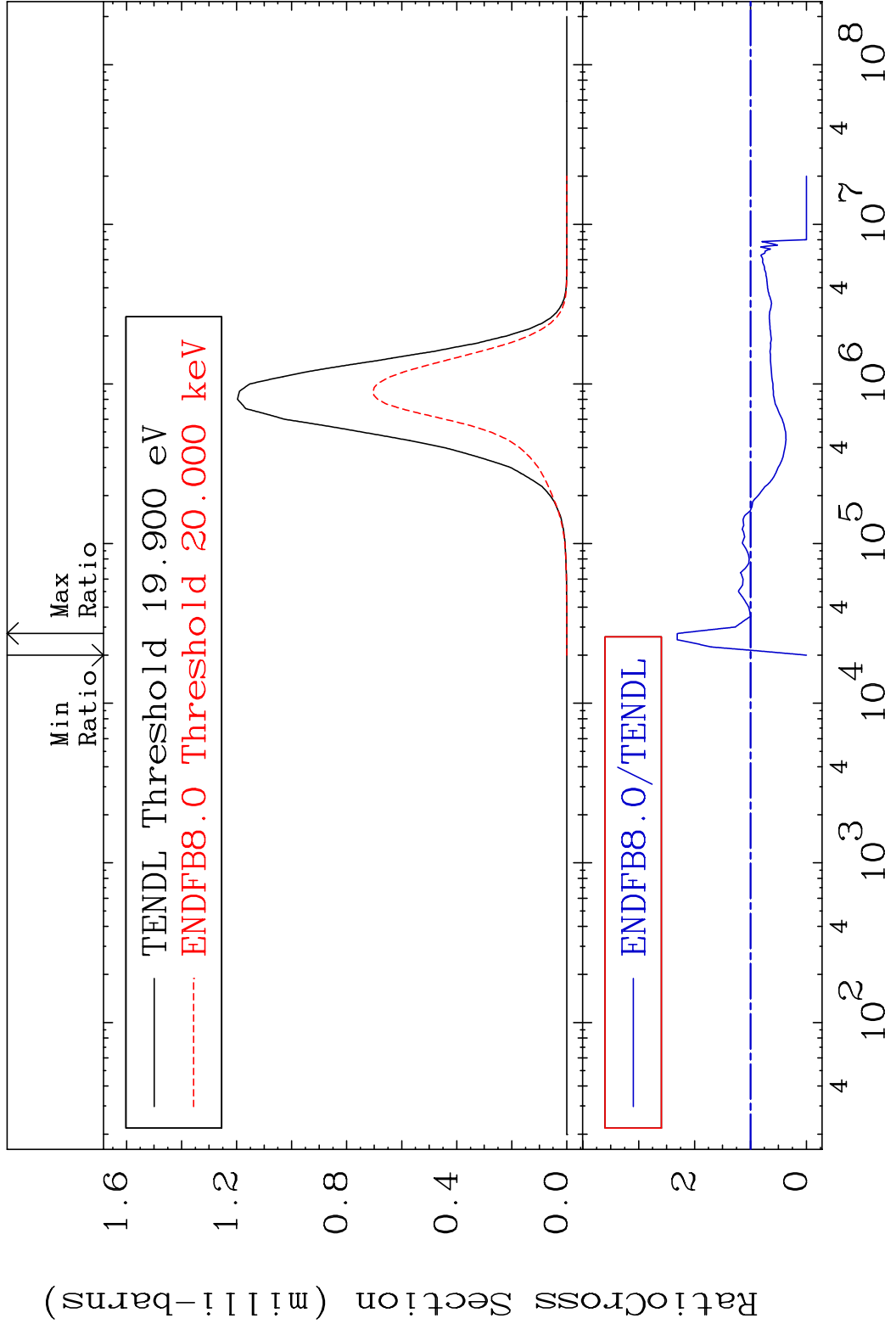
Incident Energy (eV)

95-Am-242m

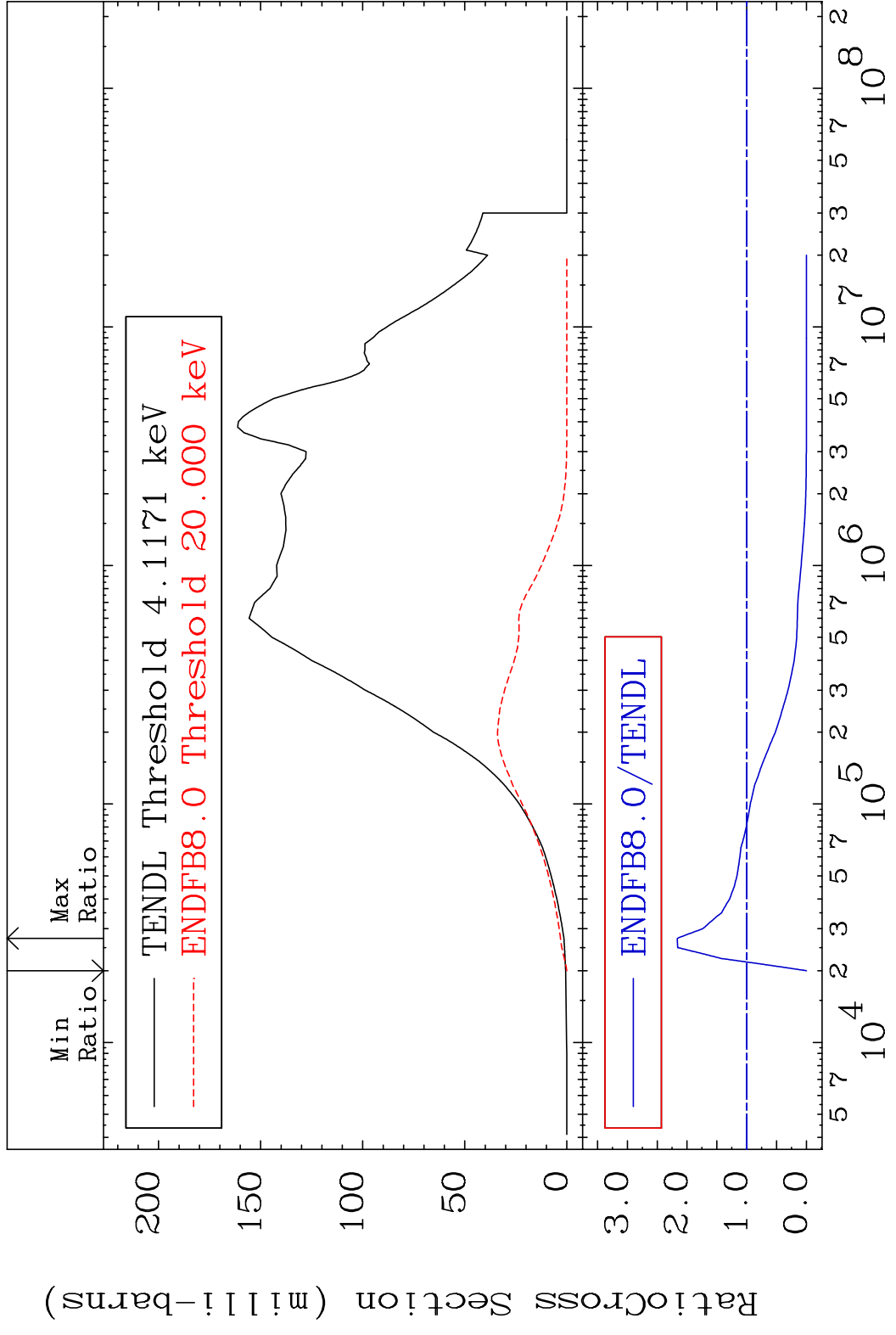
MAT 9547 MT= 51 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 3568. %



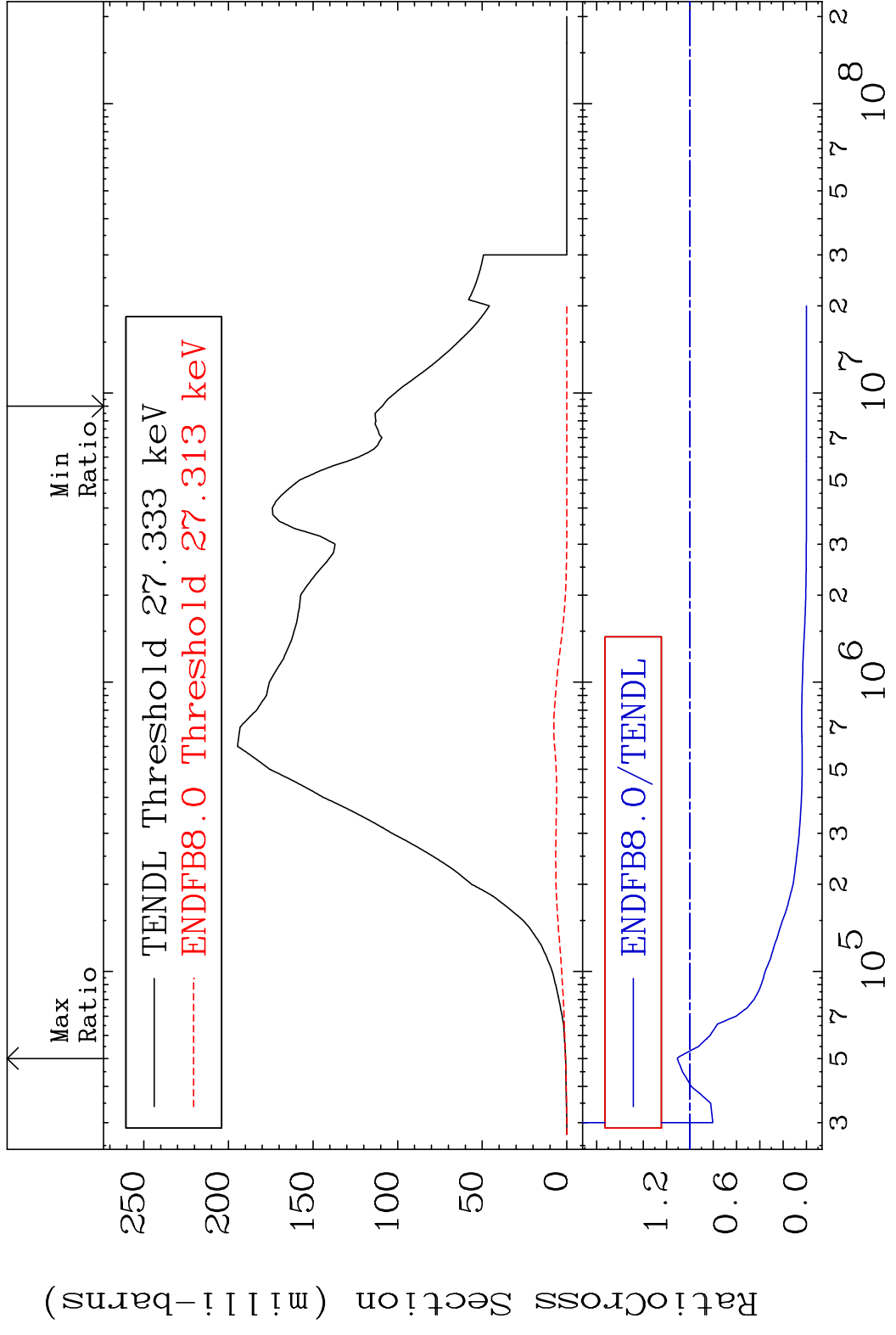
MAT 9547 MT= 52 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 131.1 %



MAT 9547 MT= 53 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 116.5 %

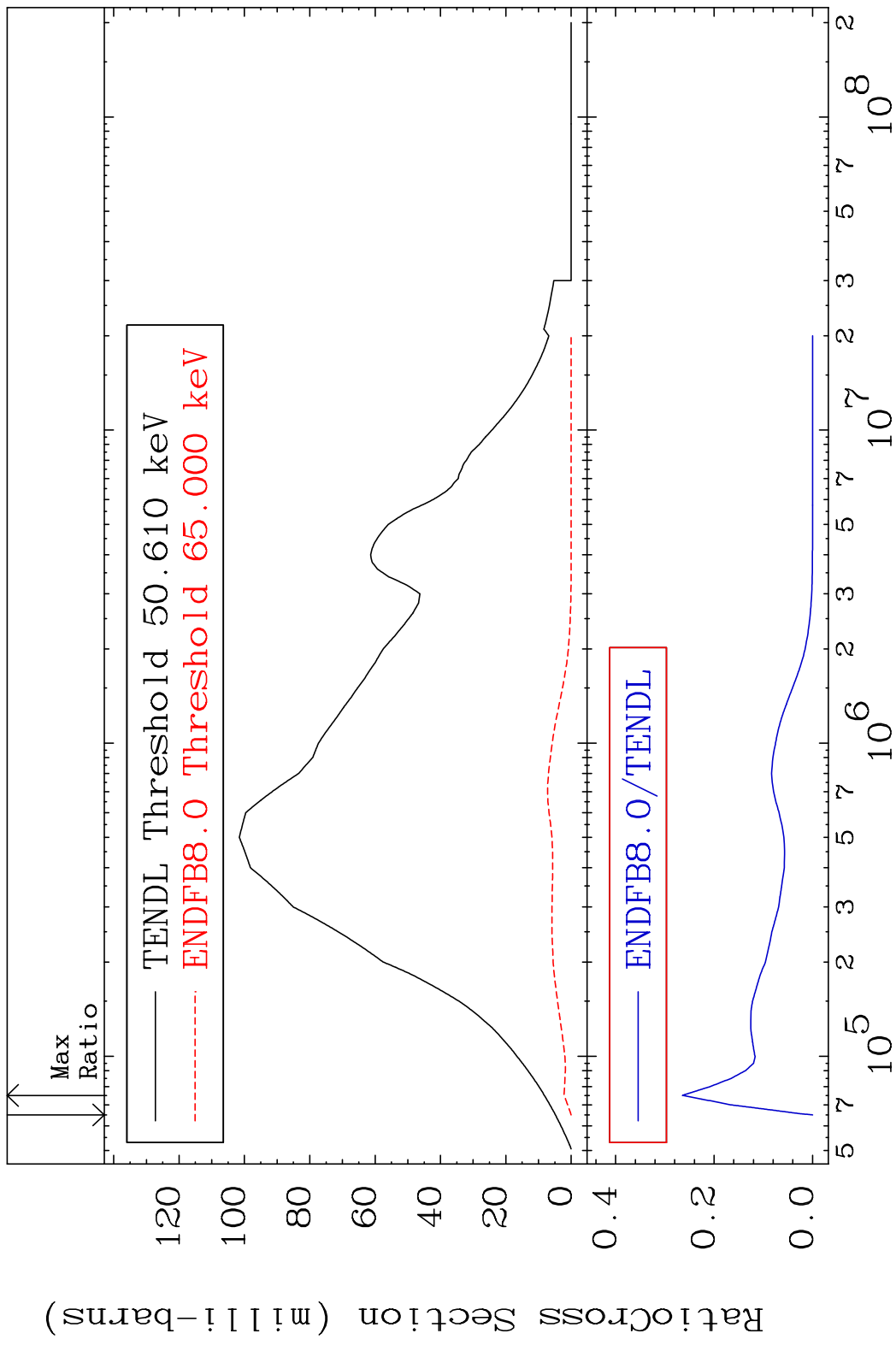


MAT 9547 MT= 54 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 10.88 %

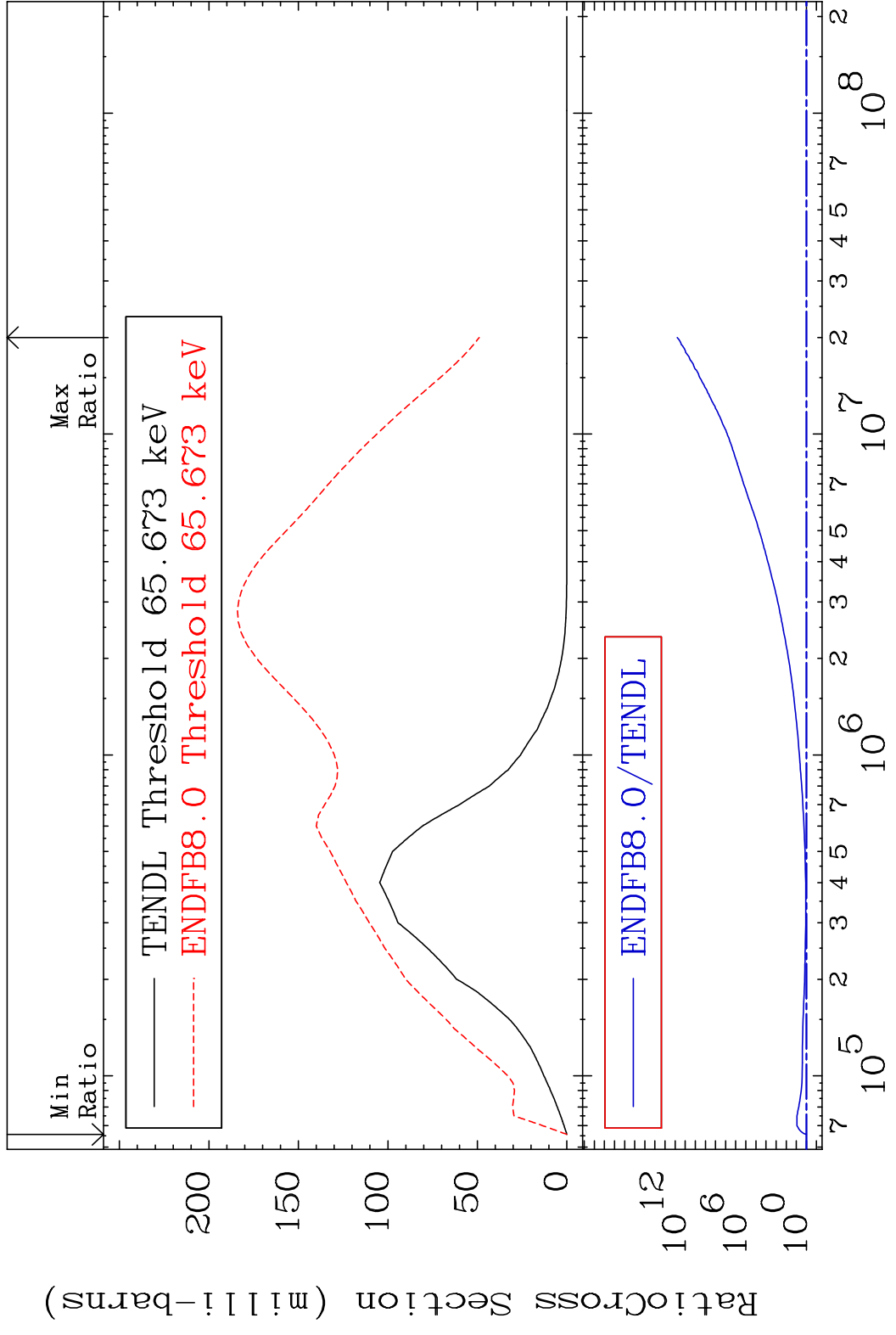


10 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 55 (n, n') Level 95-Am-242m
 Cross Section -100.0 To -73.55%

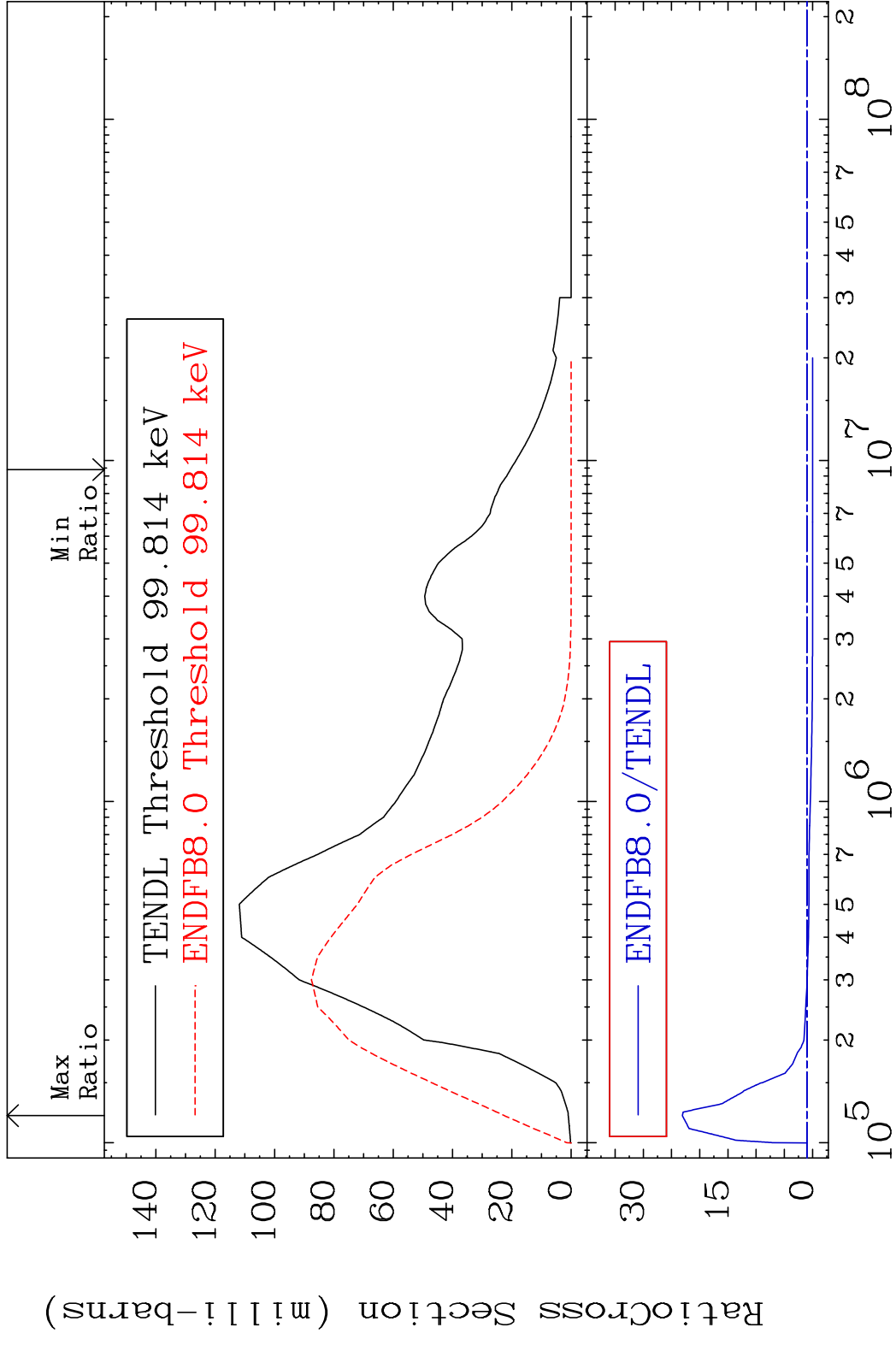


MAT 9547 MT= 56 (n,n') Level 95-Am-242m
 Cross Section 0.000 To 9999. %



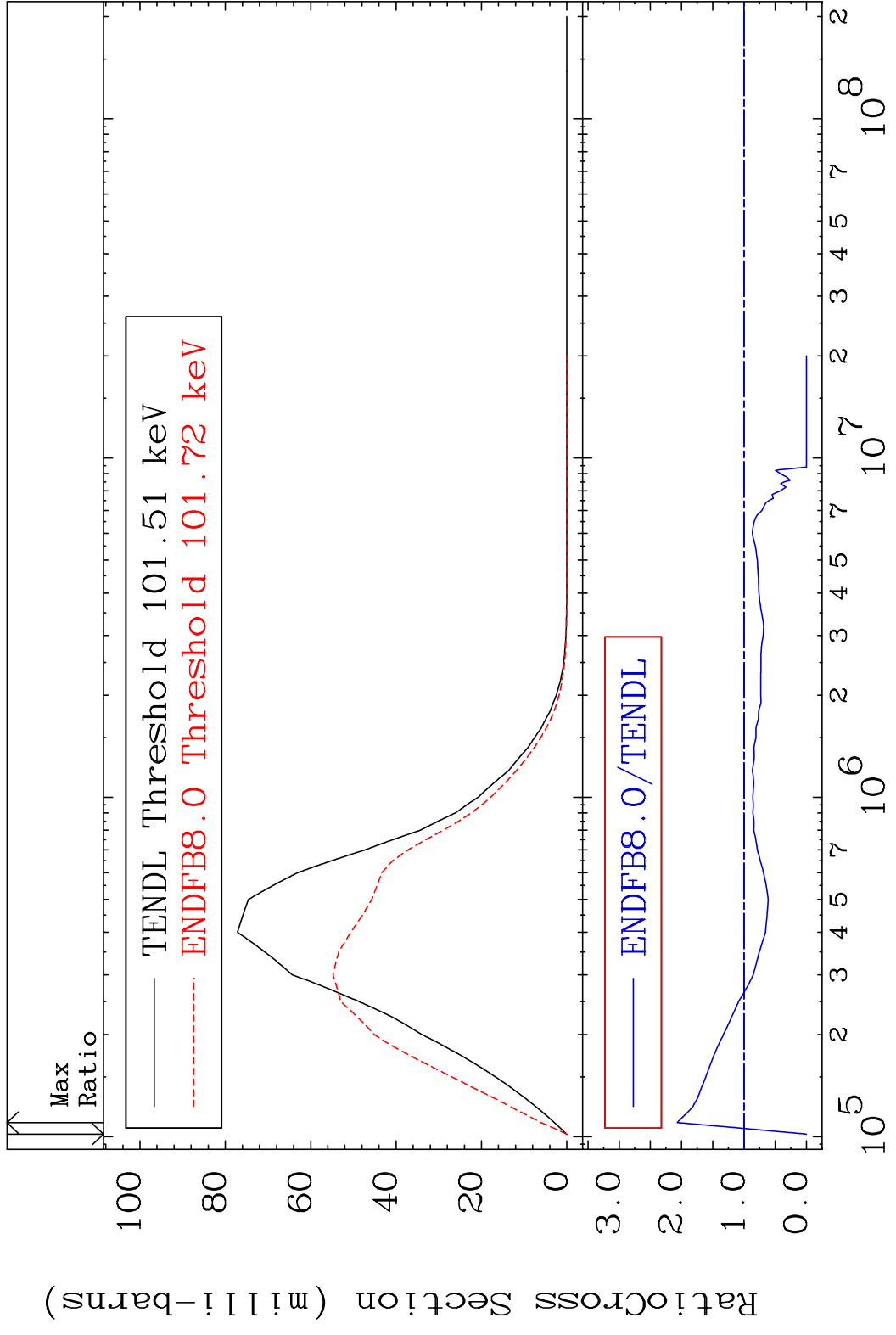
12 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 57 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 2208. %



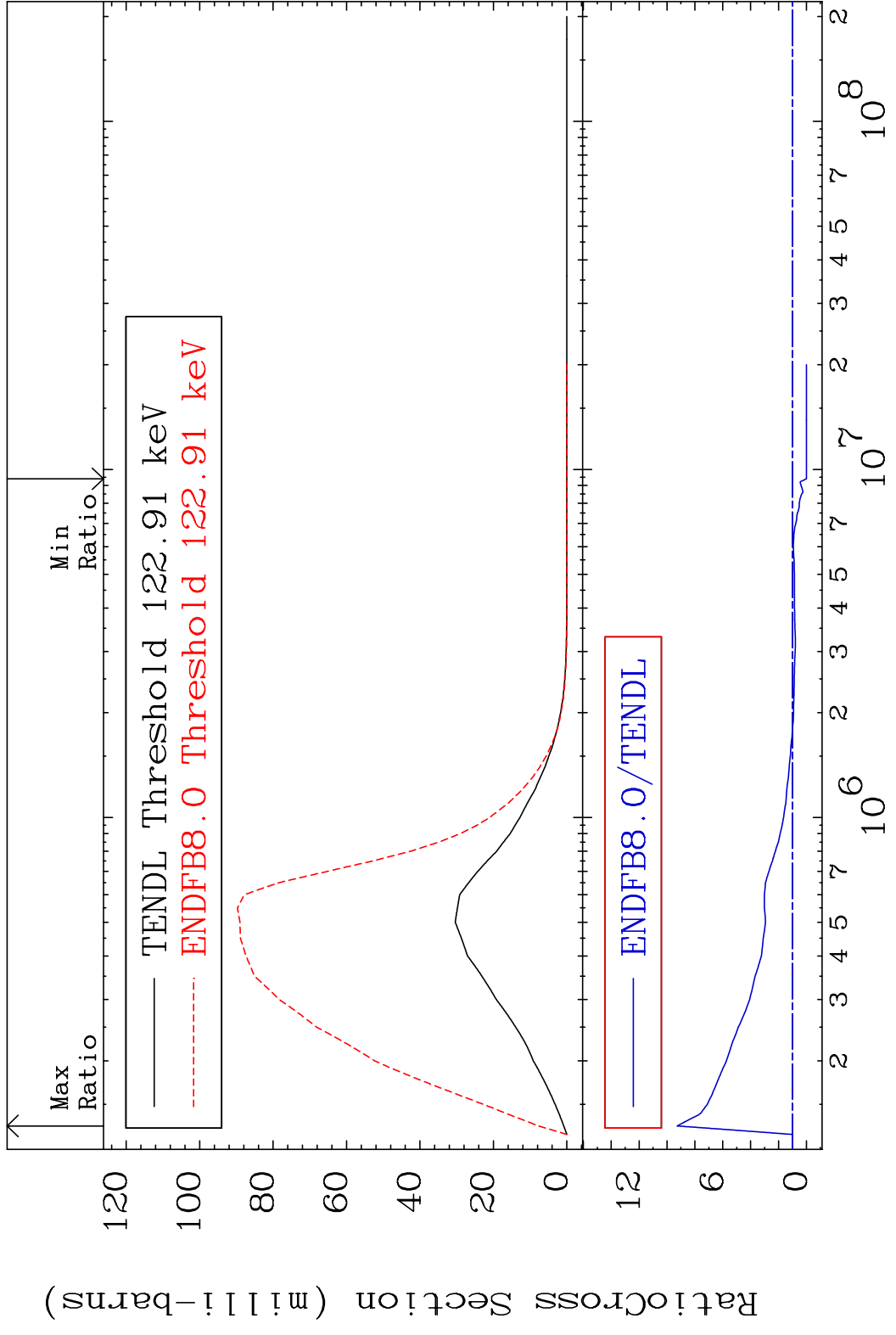
13 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 58 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 107.0 %

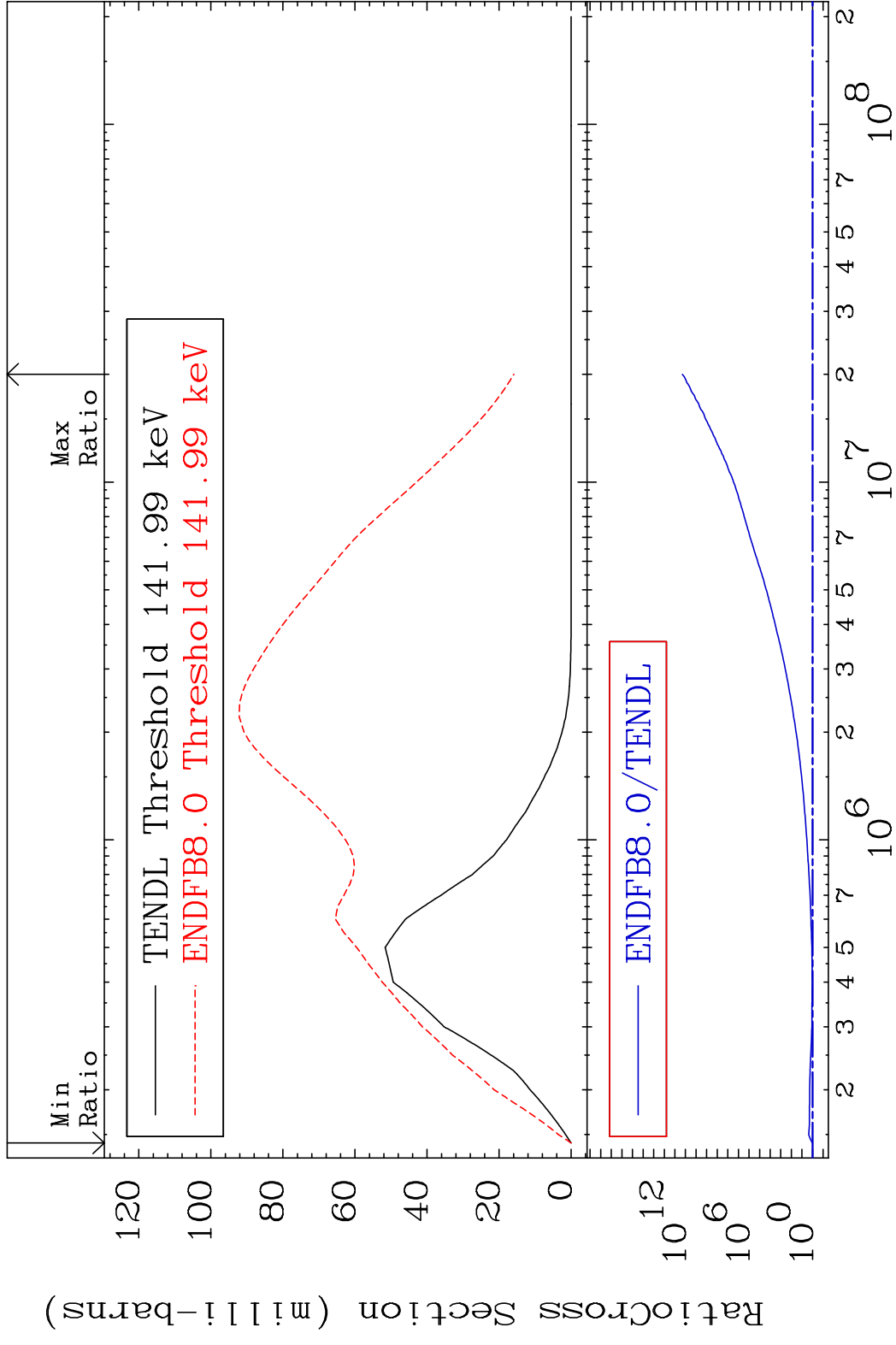


14 Incident Energy (eV) 95-Am-242m

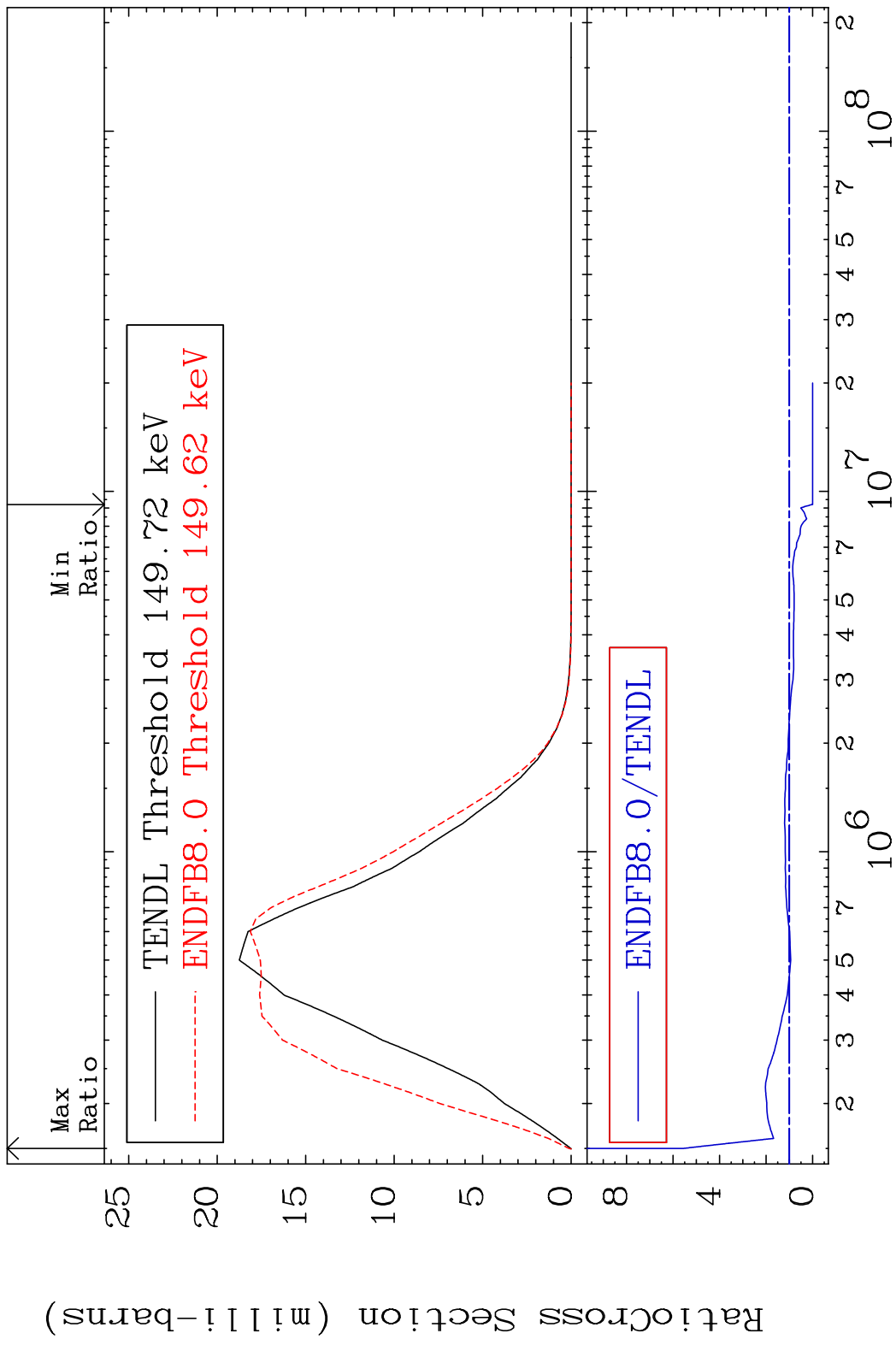
MAT 9547 MT= 59 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 826.8 %



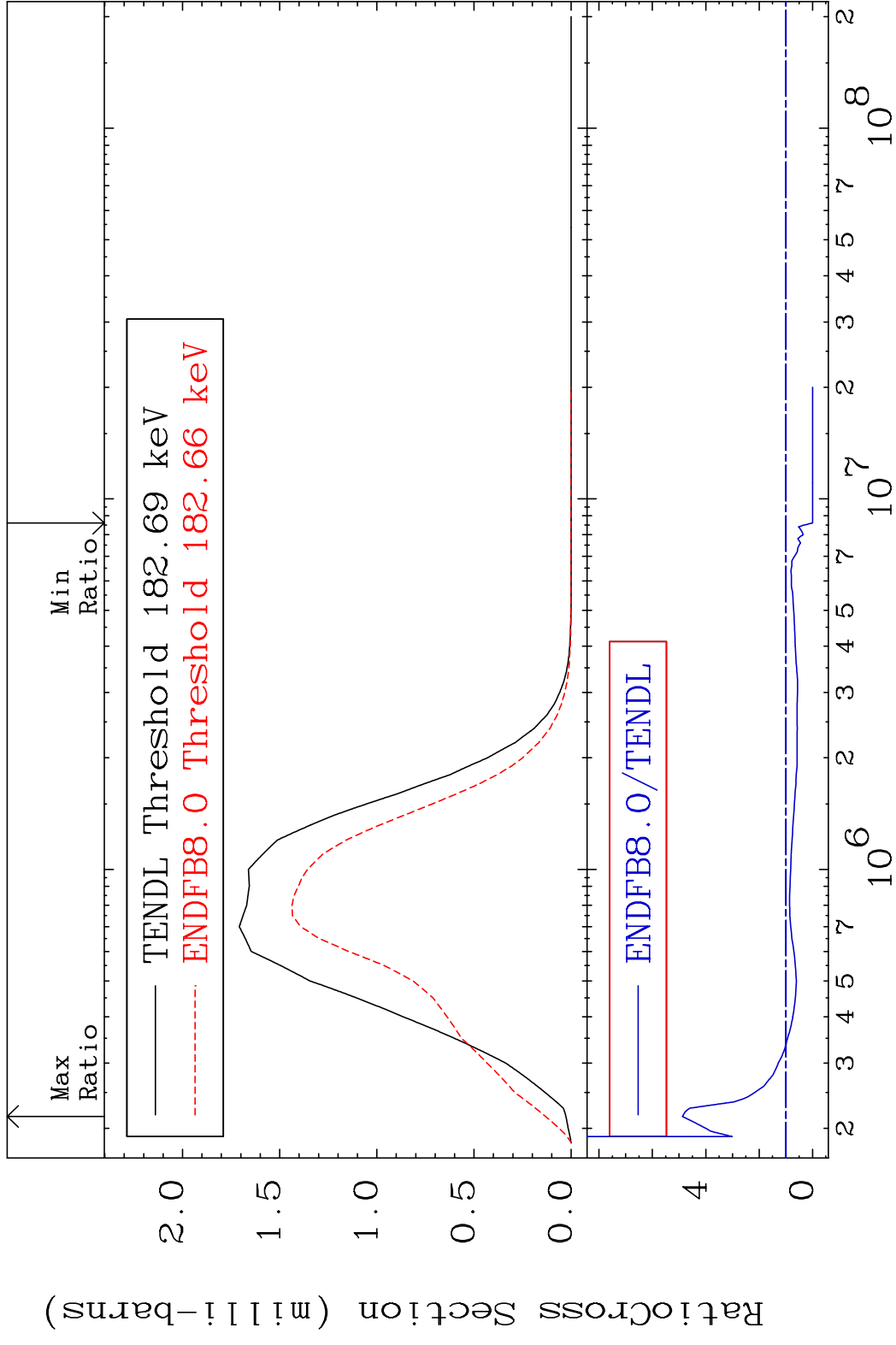
MAT 9547 MT= 60 (n, n') Level 95-Am-242m
 Cross Section 0.000 To 9999. %



MAT 9547 MT= 61 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 459.8 %

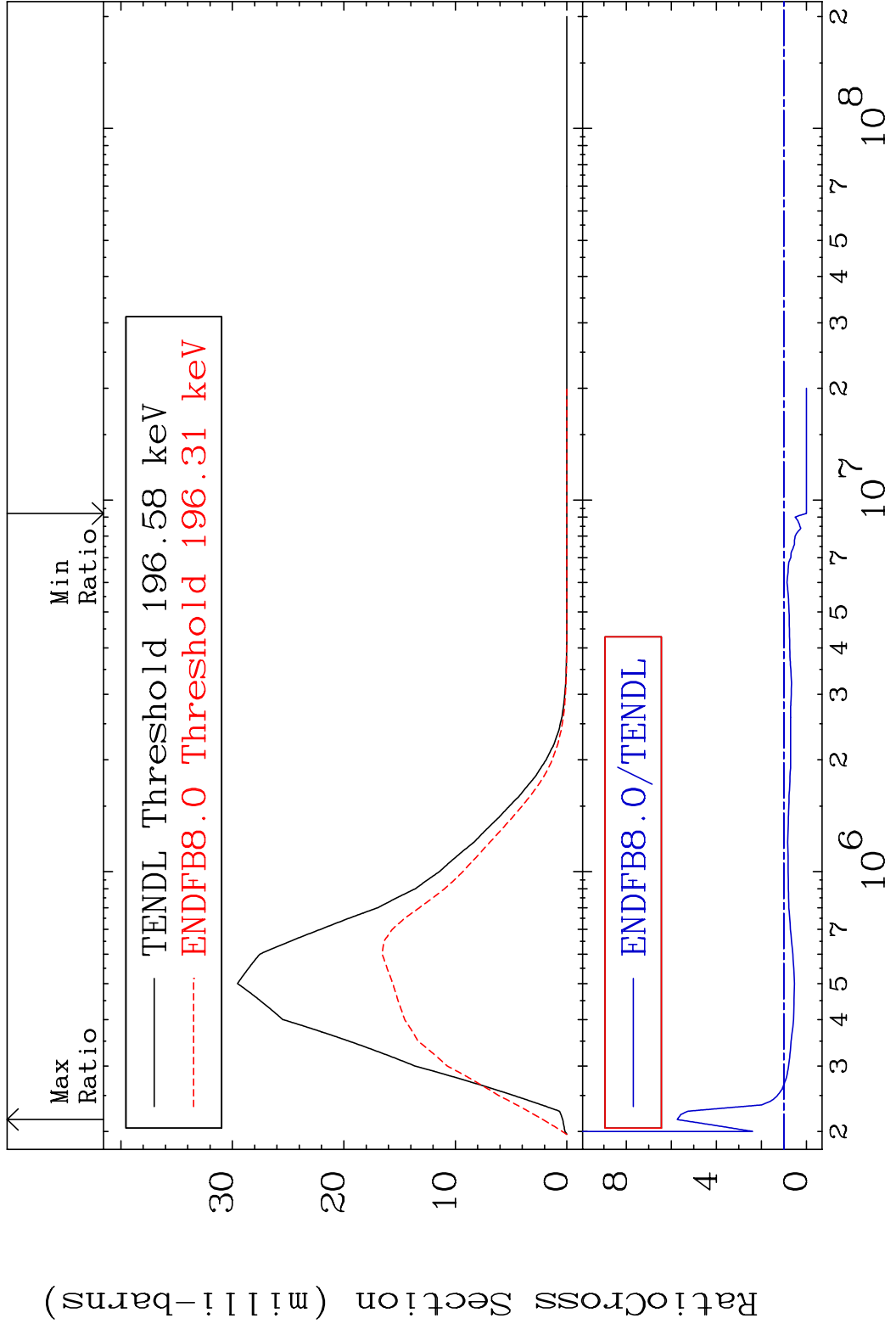


MAT 9547 MT= 62 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 387.7 %

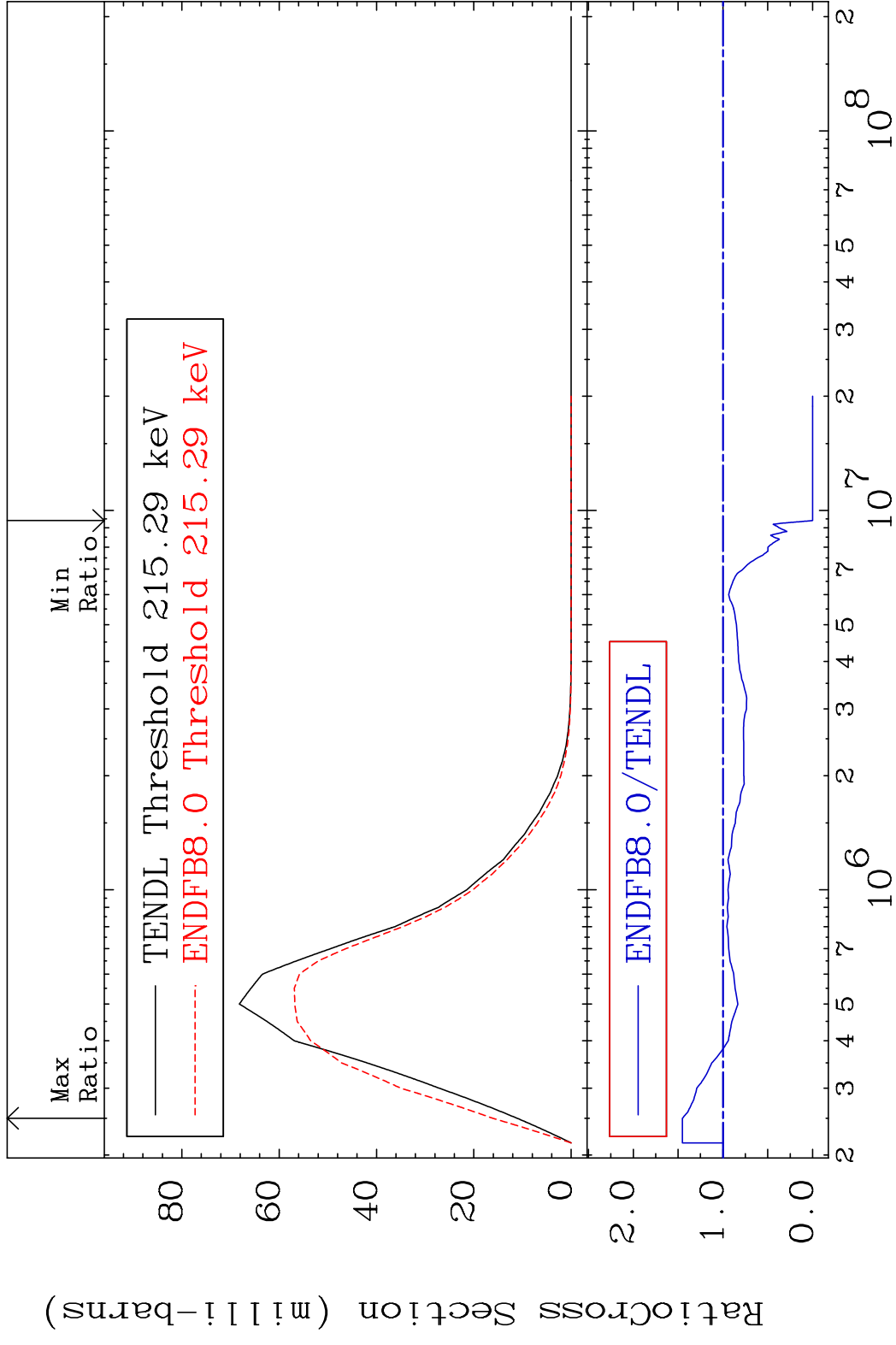


18 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 63 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 474.0 %

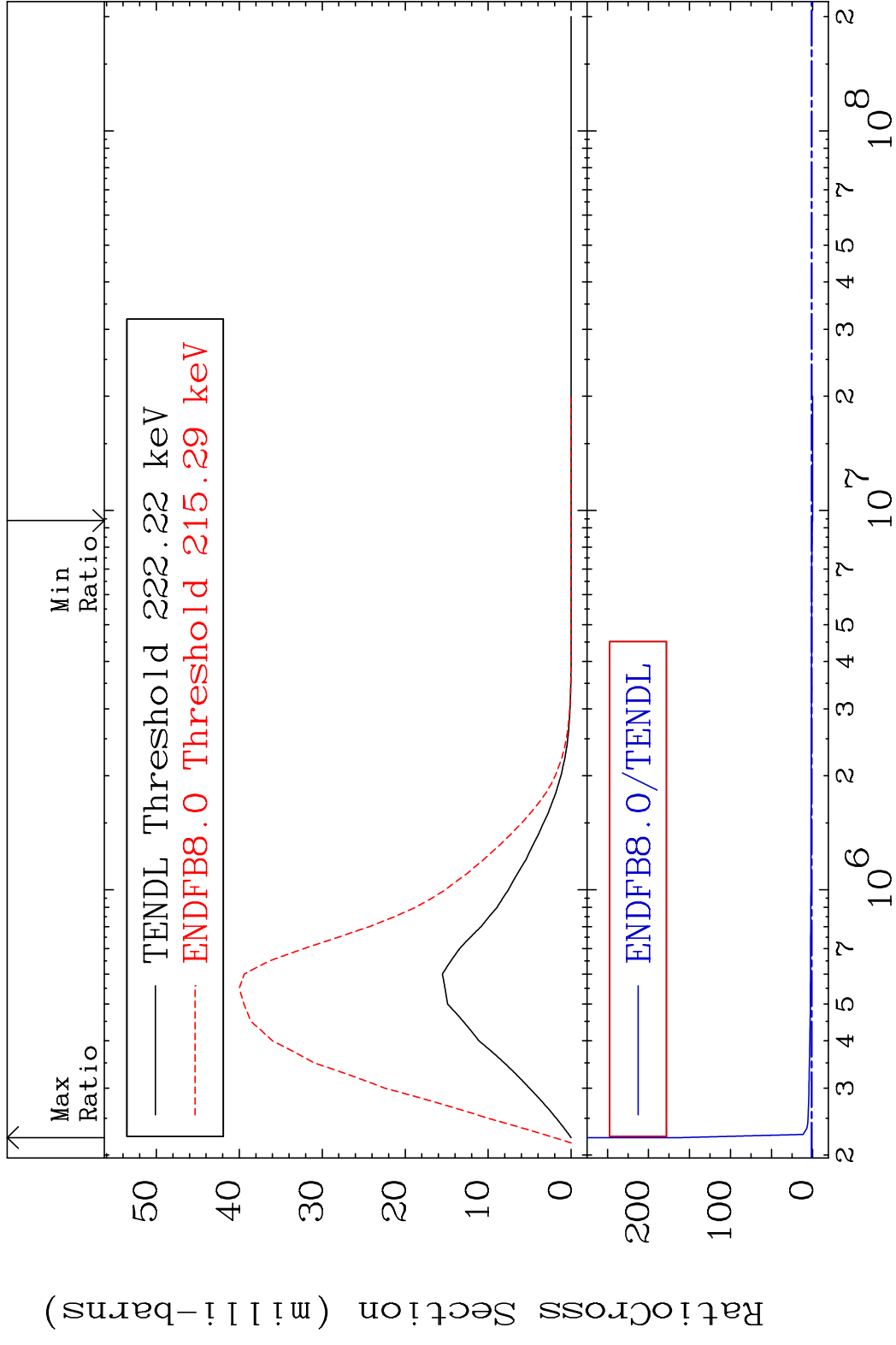


MAT 9547 MT= 64 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 45.24 %



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

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

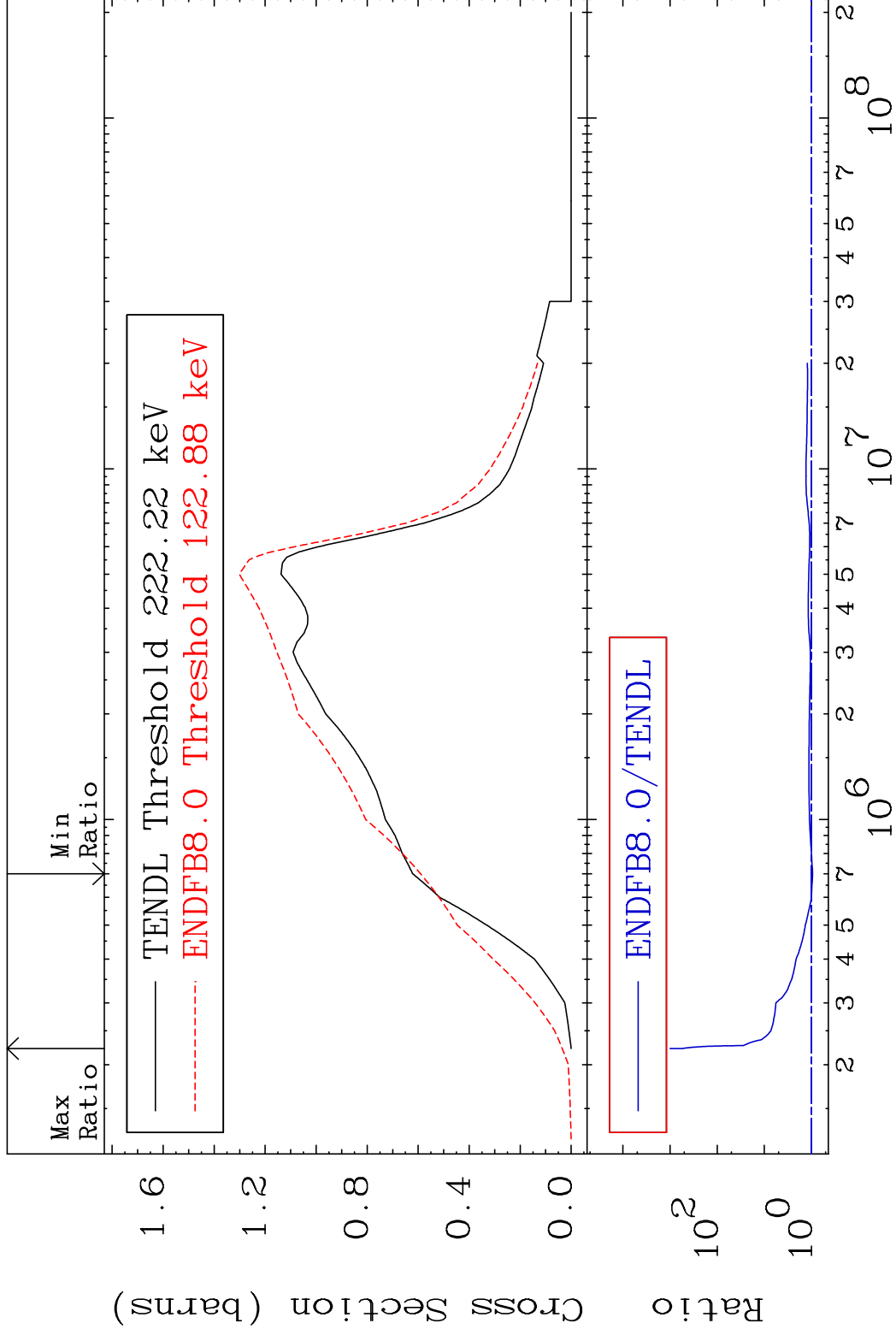


MAT 9547

(n,n') Continuum

95-Am-242m

Cross Section -4.981 To 9999. %



22

Incident Energy (eV)

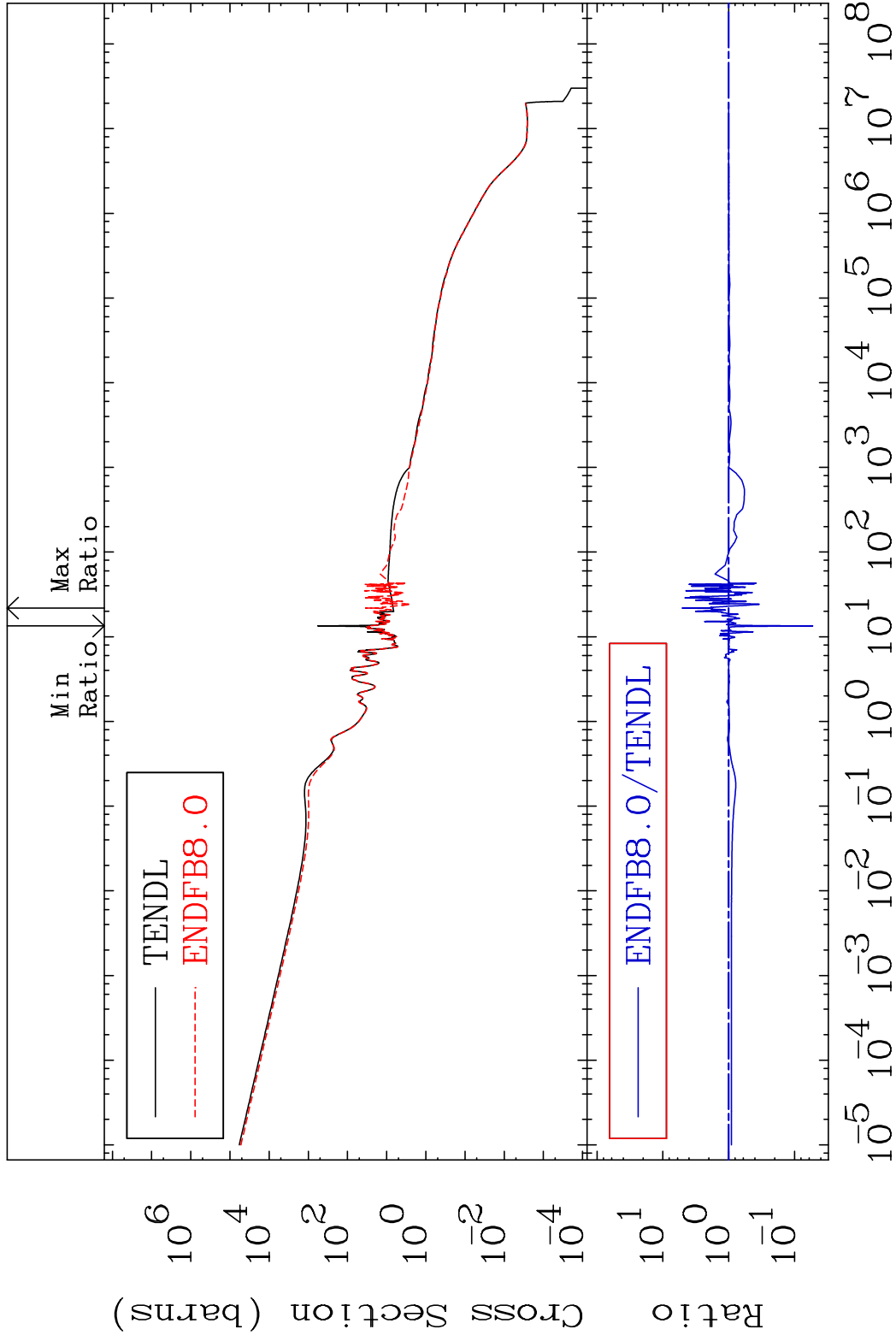
95-Am-242m

MAT 9547

(n, γ)

95-Am-242m

Cross Section -94.67 To 406.1 %



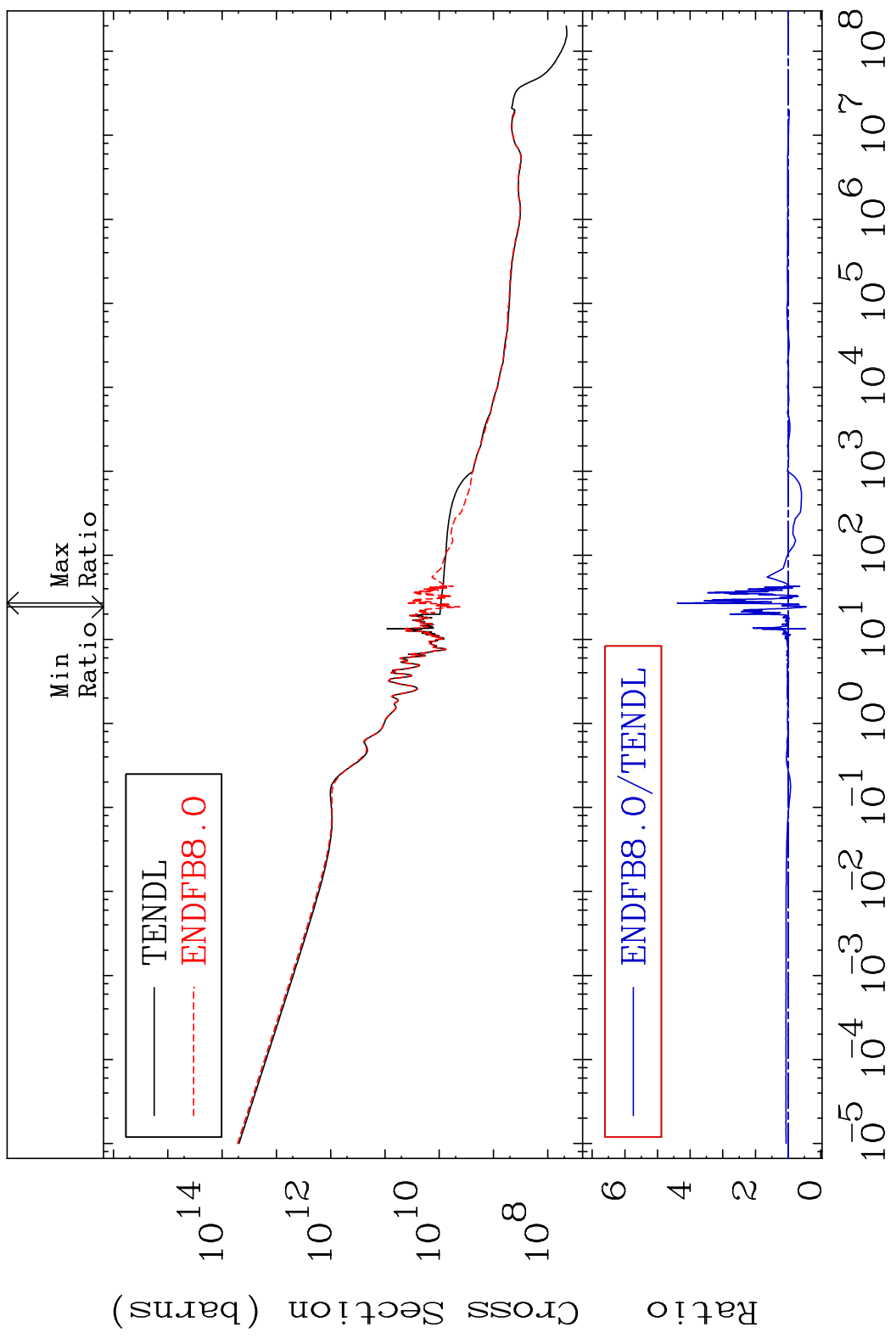
23

Incident Energy (eV)

95-Am-242m

MAT 9547

Kerma total (eV-barns) 95-Am-242m
Cross Section -56.01 To 339.7 %



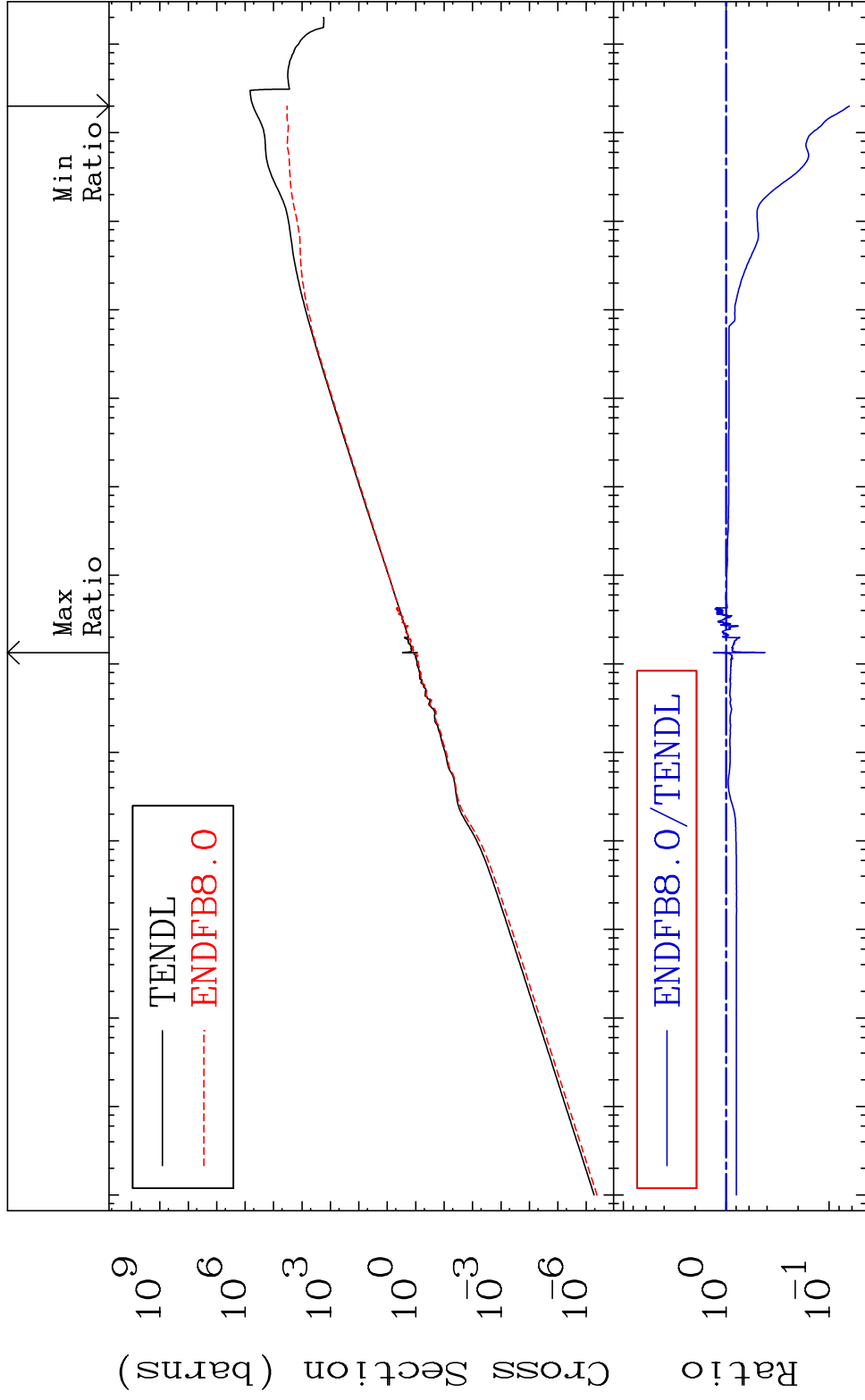
24

Incident Energy (eV) 95-Am-242m

MAT 9547

Kerma elastic
Cross Section

95-Am-242m
-93.64 To 33.66 %

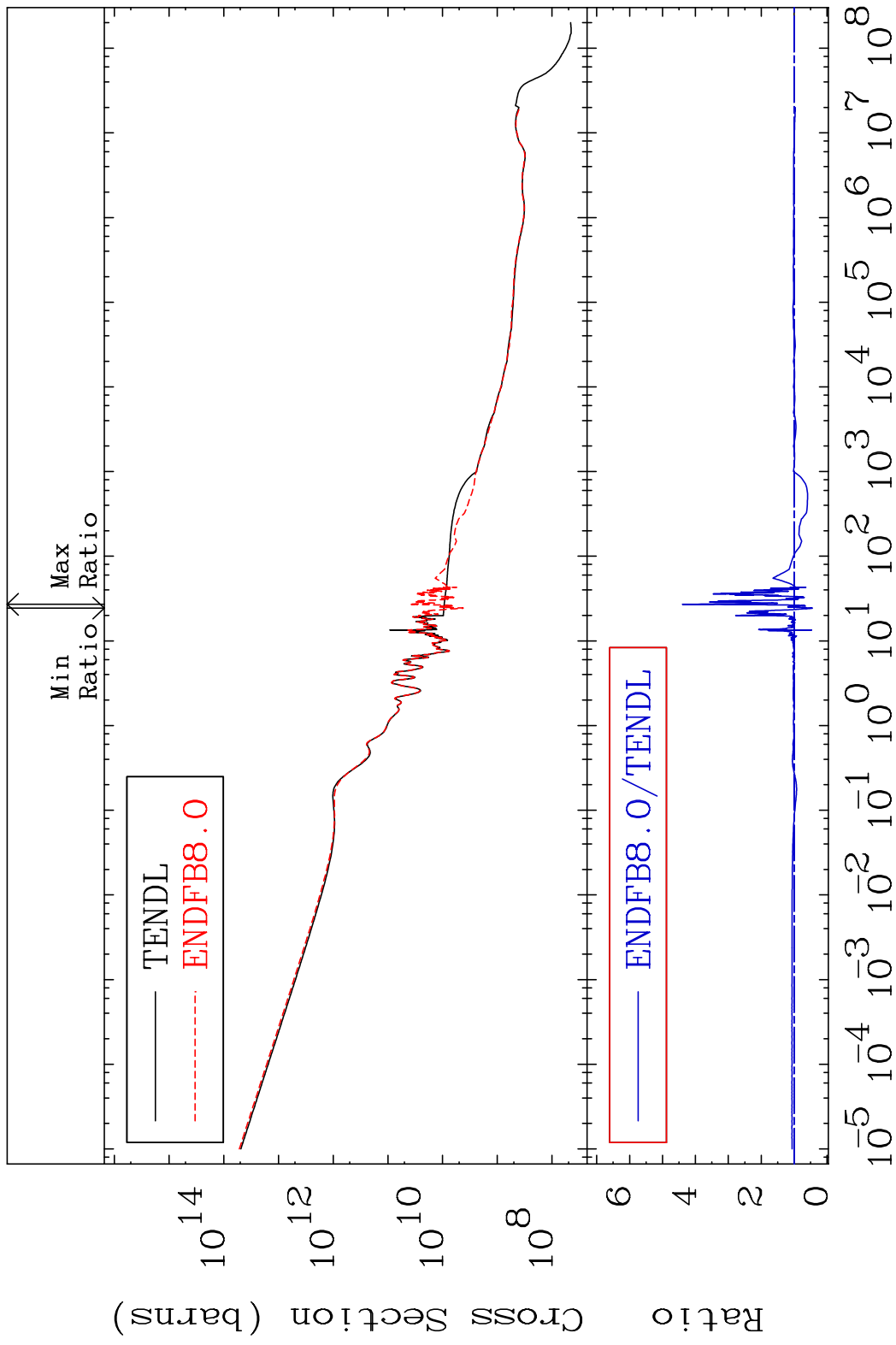


25

Incident Energy (eV)

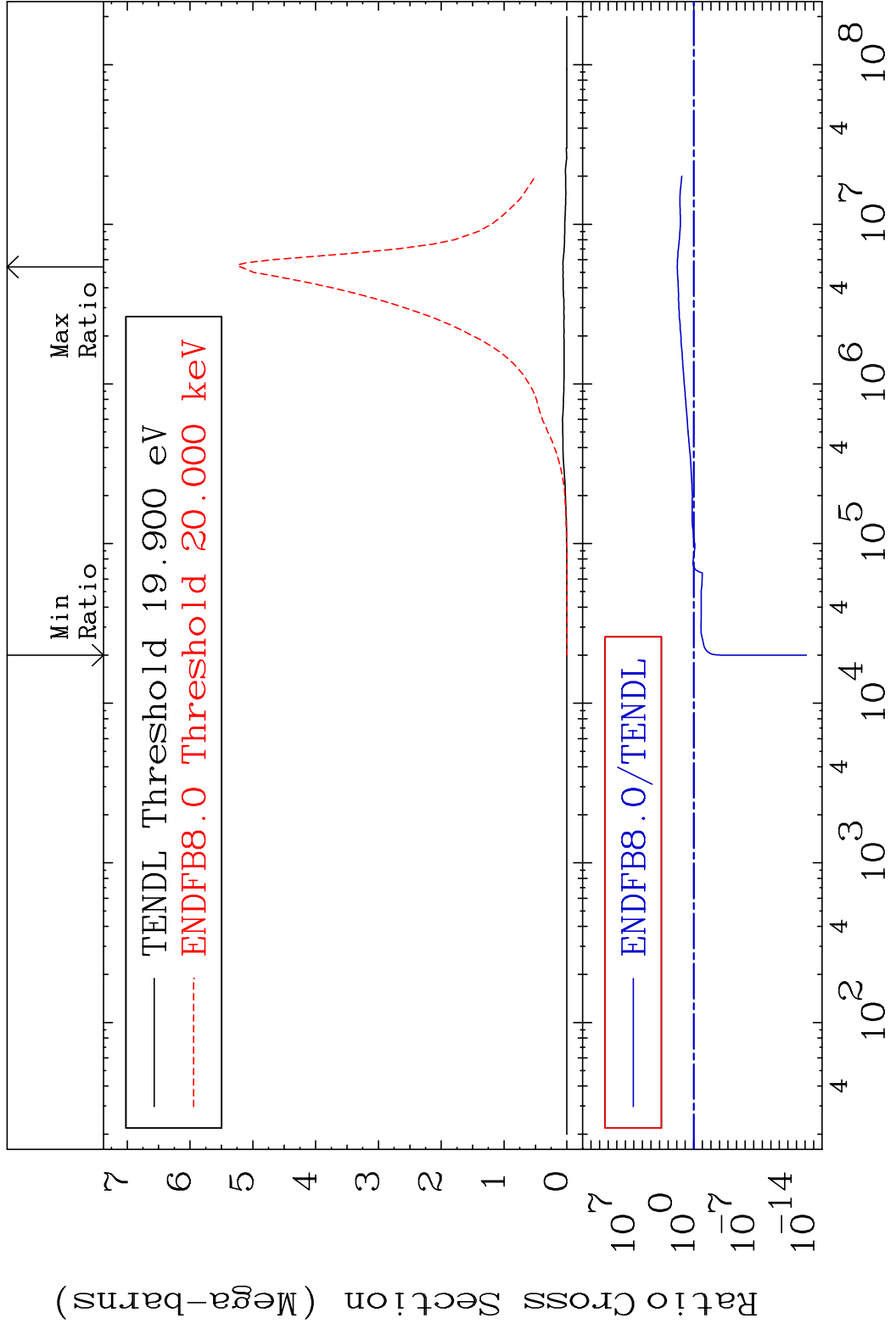
95-Am-242m

MAT 9547 Kerma non-elastic (all but mt2) 95-Am-242m
 Cross Section -56.01 To 339.7 %

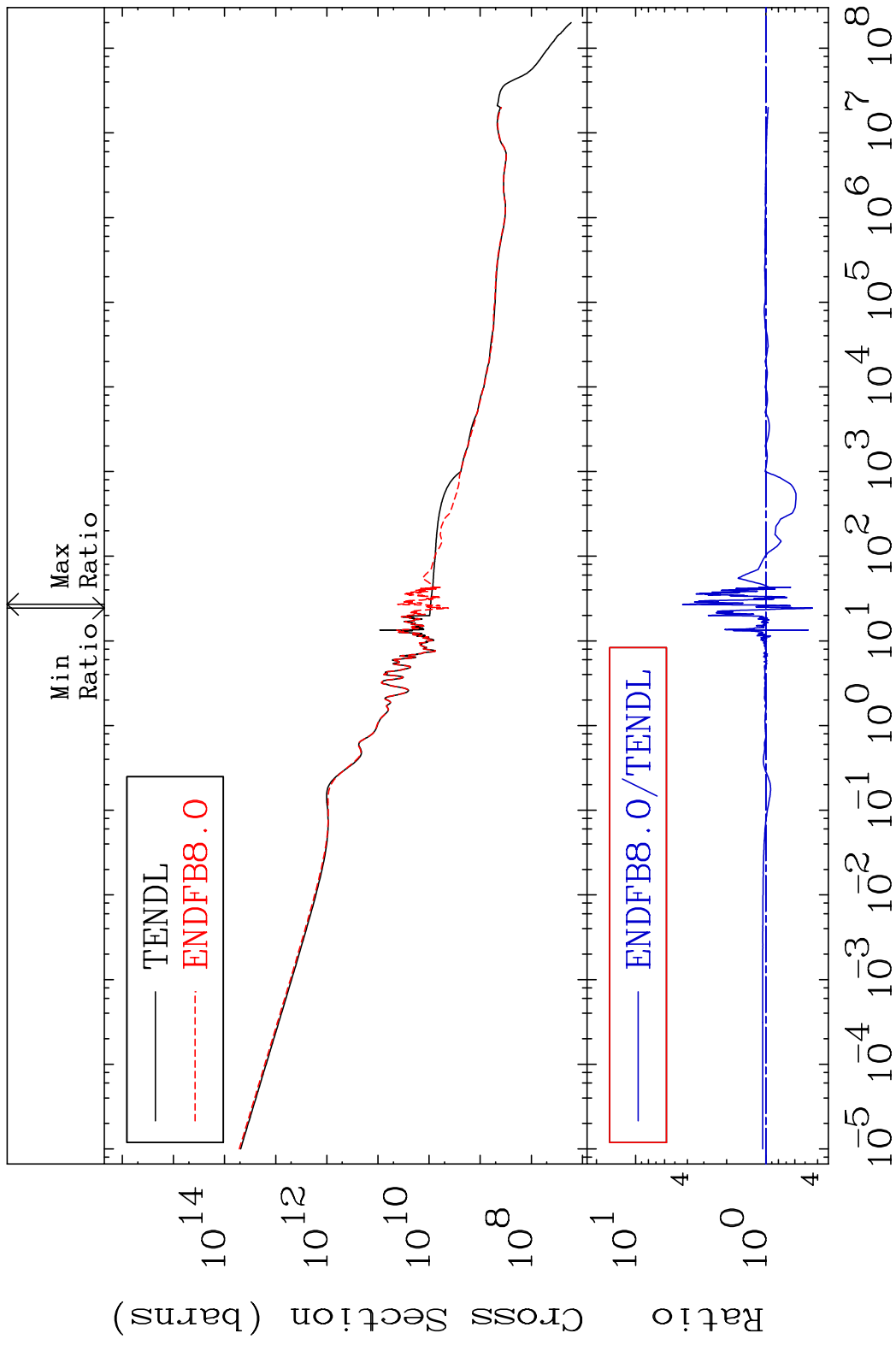


26 Incident Energy (eV) 95-Am-242m

MAT 9547 Kerma inelastic (mt51-91) 95-Am-242m
 Cross Section -100.0 To 8591. %

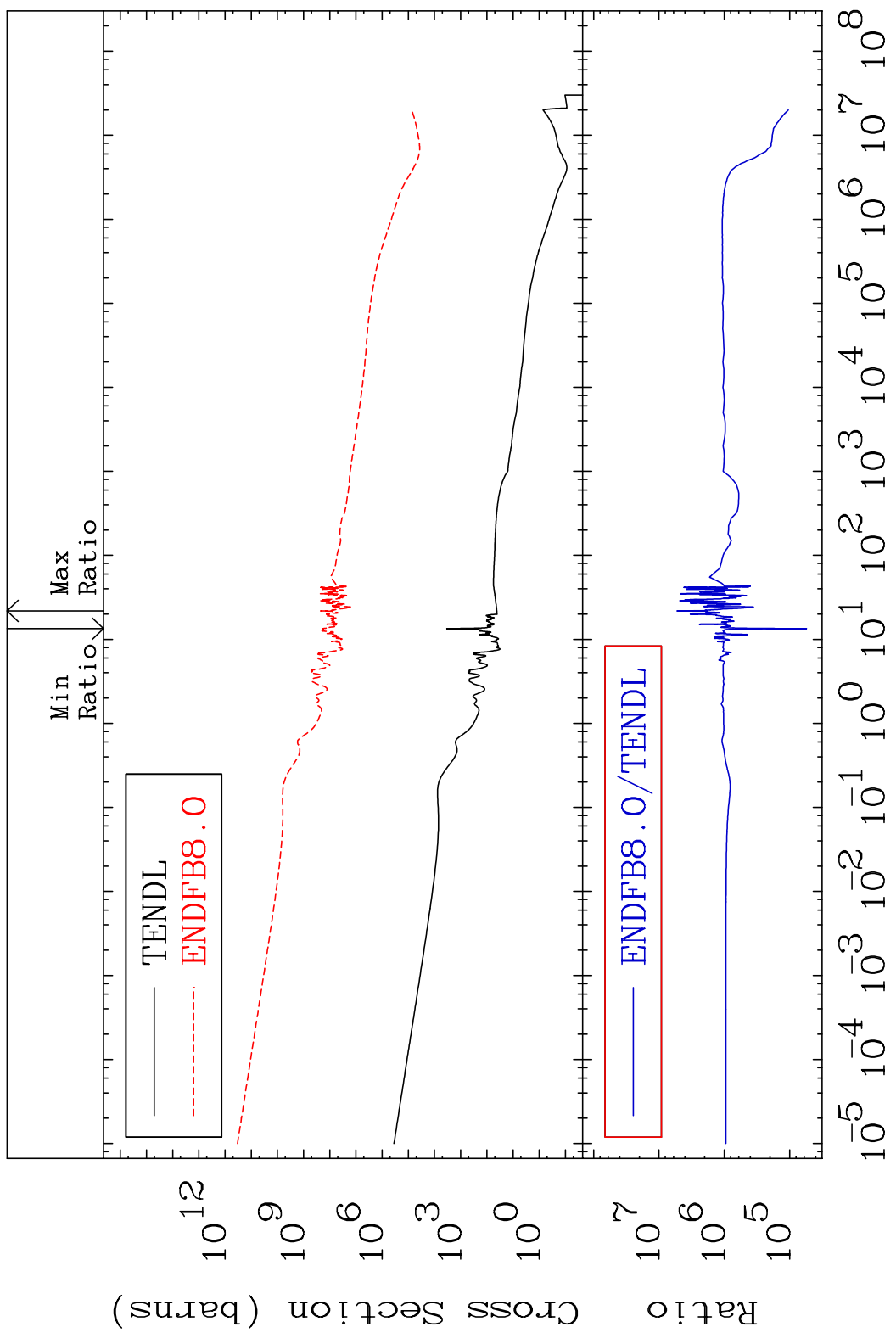


MAT 9547 Kerma fission (mt18 or mt19-20-21-30) 95-Am-242m
 Cross Section -56.20 To 338.1 %



MAT 9547

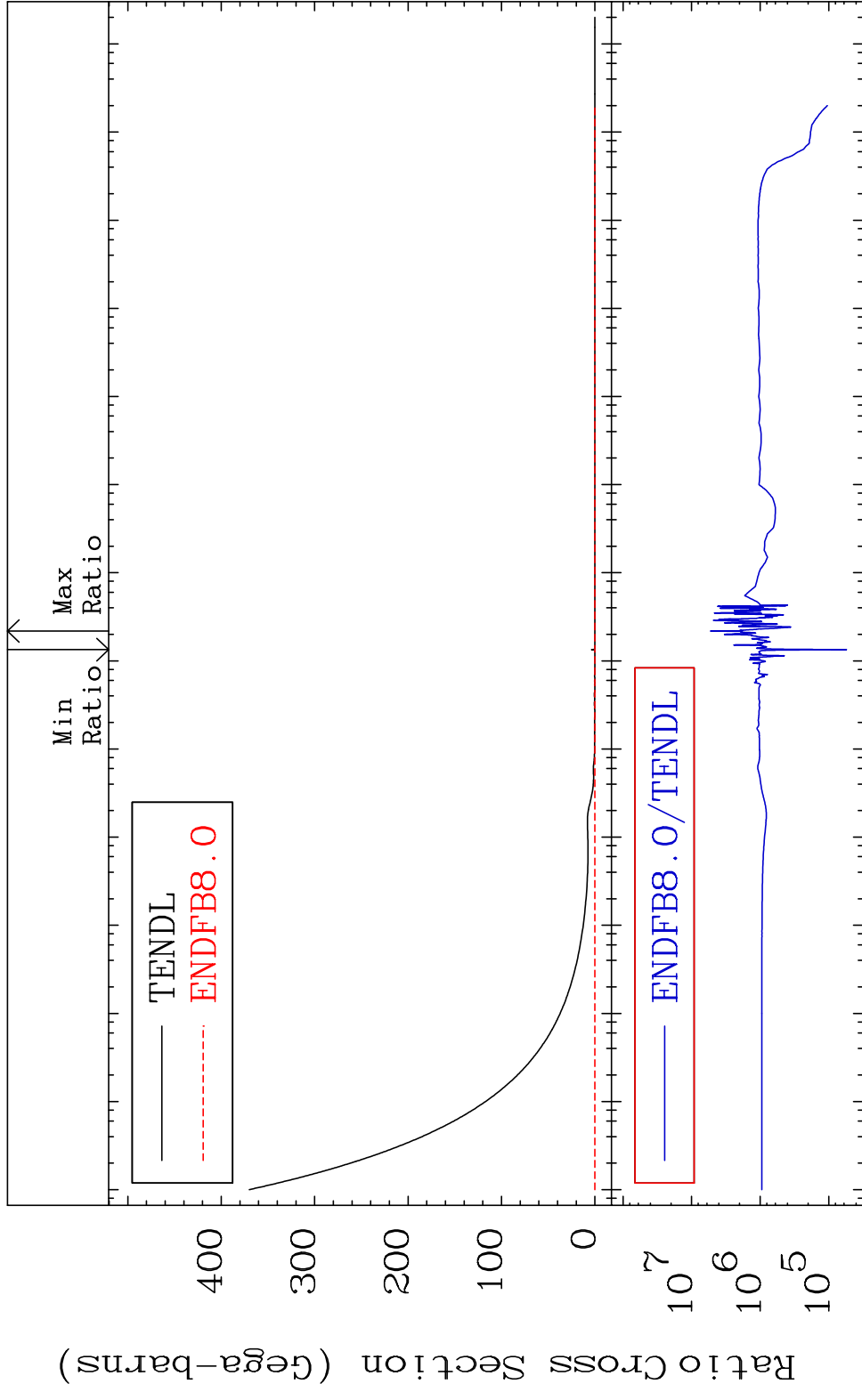
Kerma capture (mt102) 95-Am-242m
Cross Section 9999. To 9999. %



29

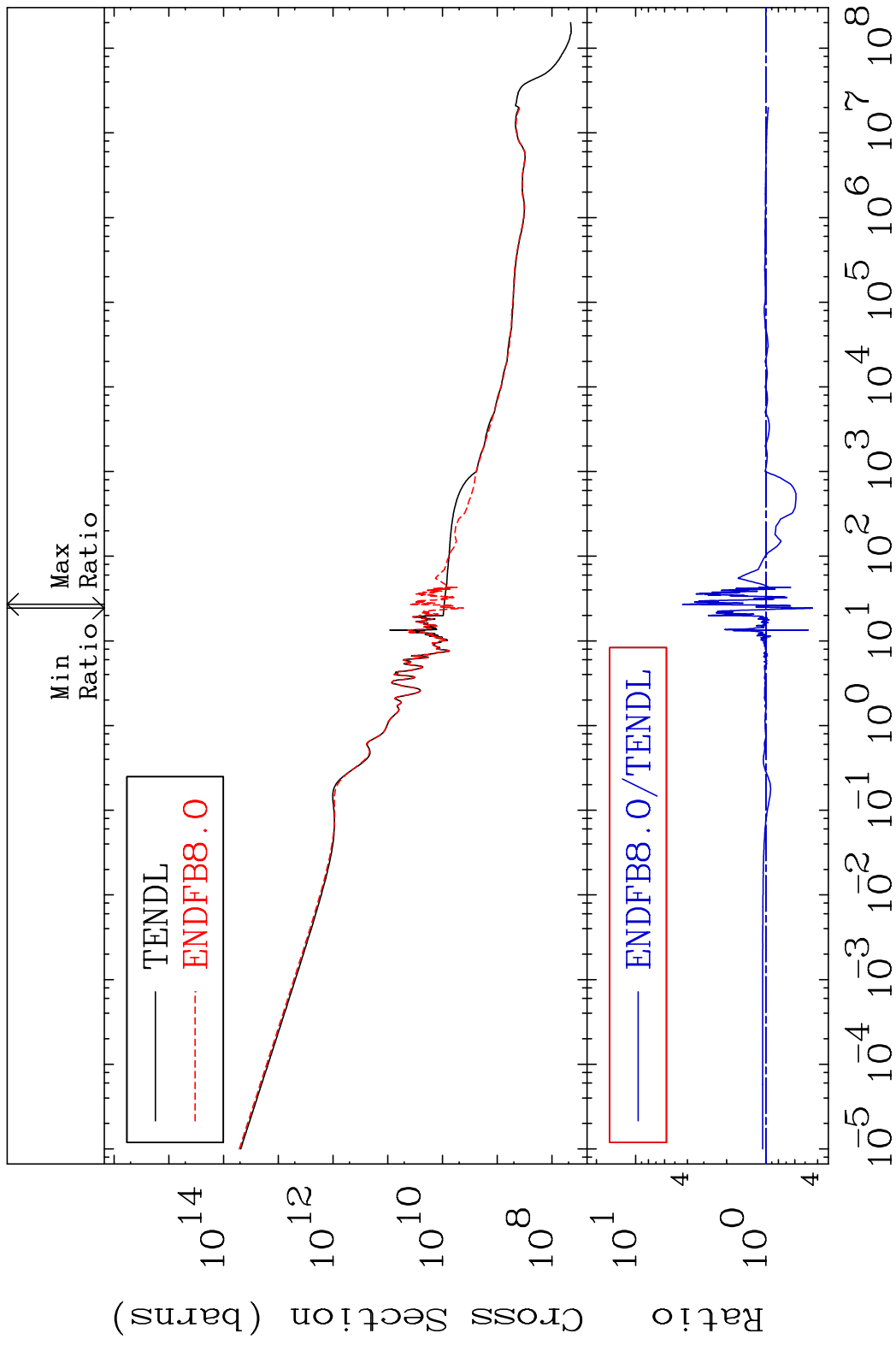
95-Am-242m

MAT 9547 Total photon (eV-barns) 95-Am-242m
 Cross Section 9999. To 9999. %



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

MAT 9547 Total kinematic kerma (high limit)95-Am-242m
 Cross Section -56.20 To 338.1 %

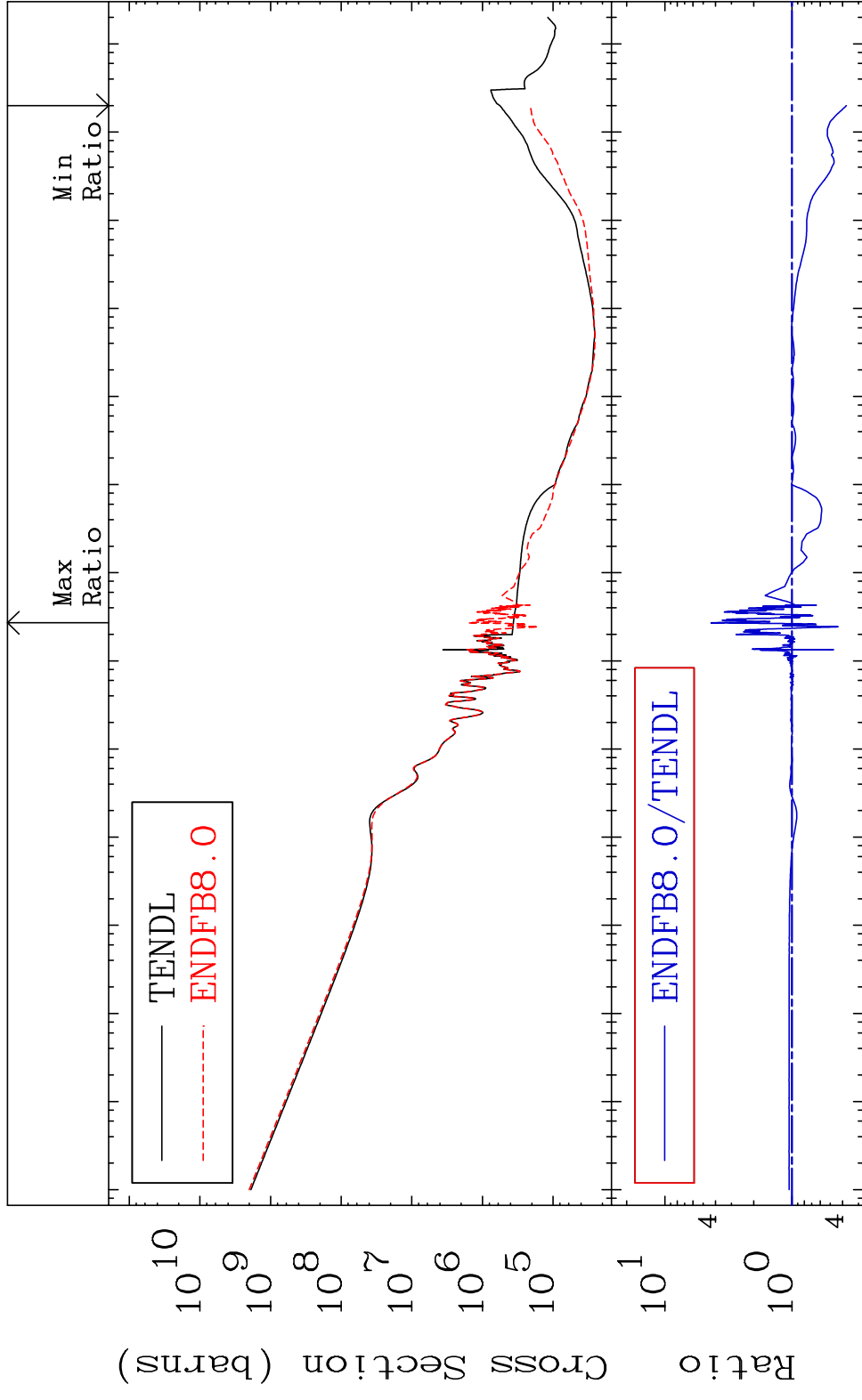


MAT 9547

Dpa total (eV-barns)

95-Am-242m

Cross Section -62.67 To 335.7 %



32

Incident Energy (eV)

95-Am-242m

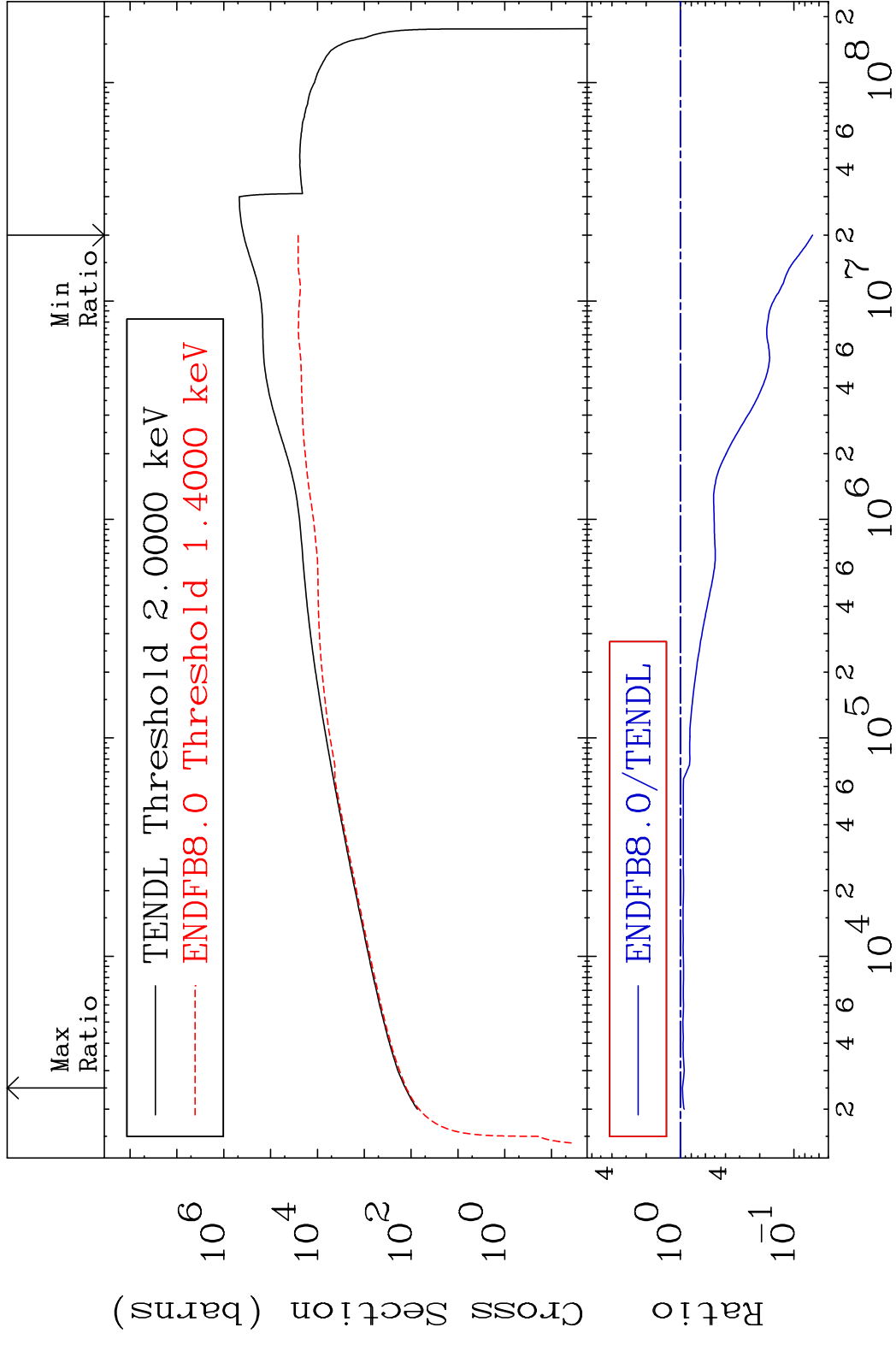
MAT 9547

Dpa elastic (mt2)

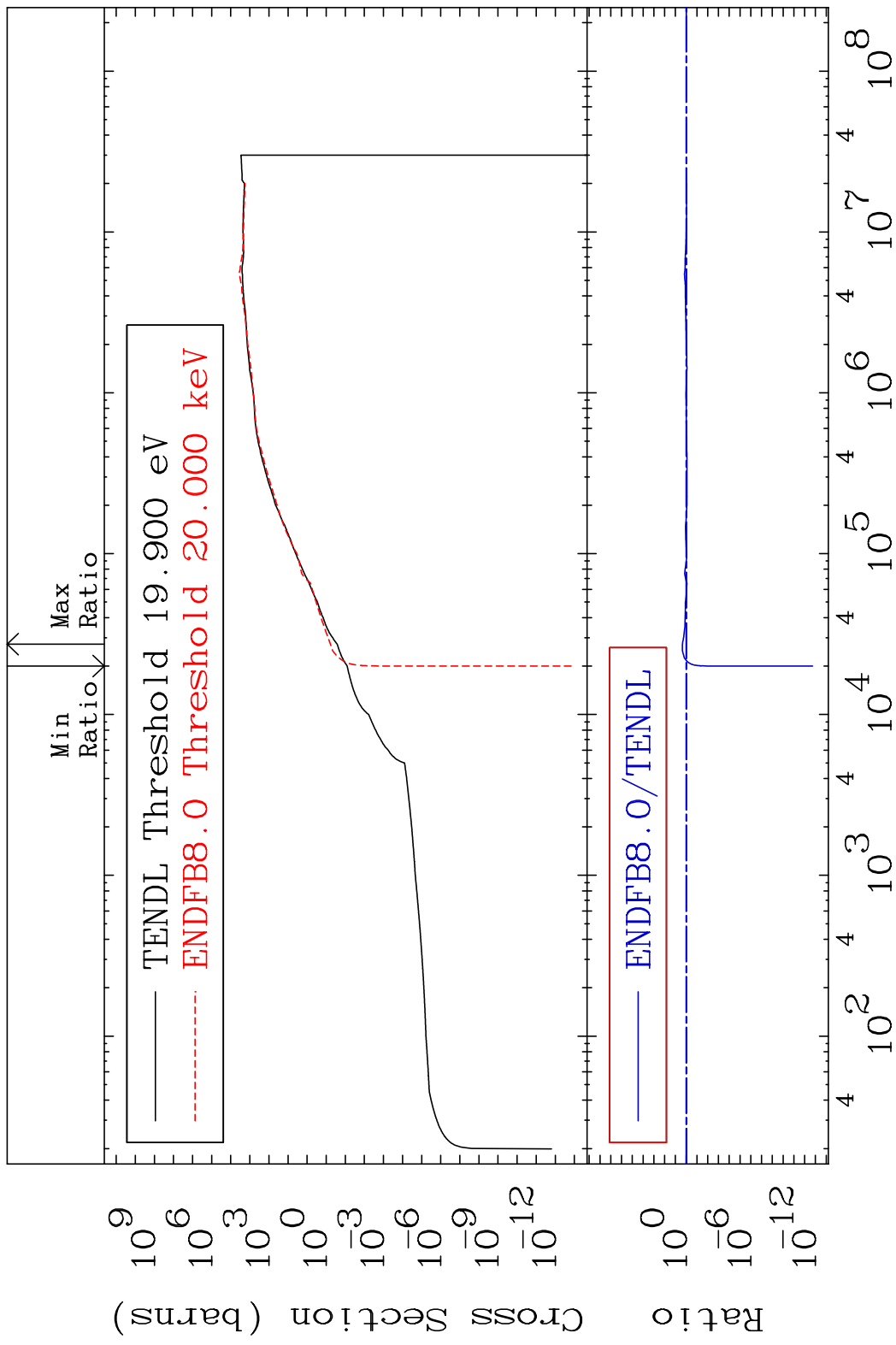
95-Am-242m

Cross Section

-93.15 To -4.208%



MAT 9547 Dpa inelastic (mt51-91) 95-Am-242m
 Cross Section -100.0 To 125.5 %



MAT 9547 Dpa disappearance (mt102 -120) 95-Am-242m
 Cross Section -92.00 To 9999. %

