

Program Complot
(Version 2021-1)

by

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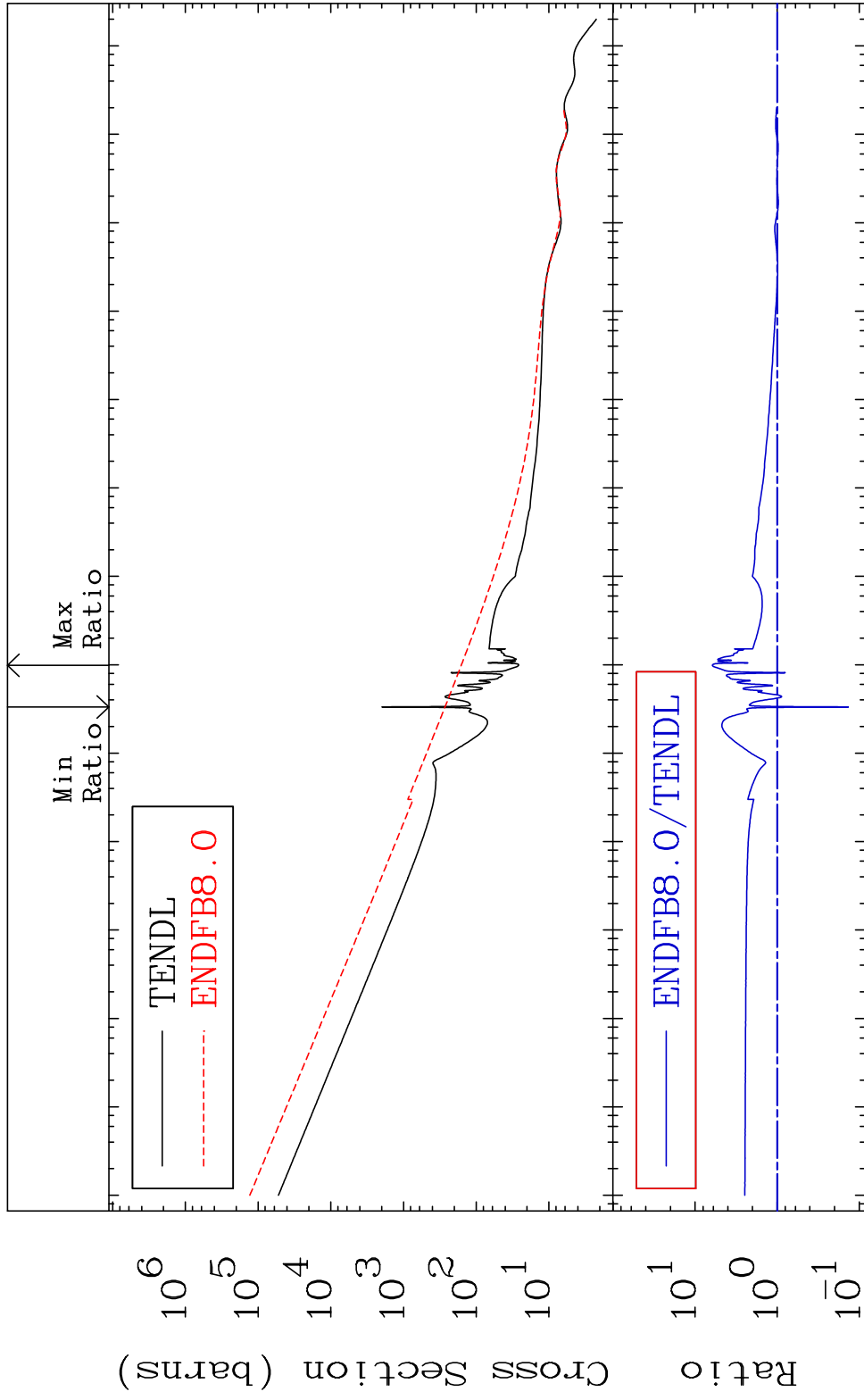
Press Mouse Button to Start

MAT 9431

Total

94-Pu-237

Cross Section -86.39 To 516.3 %



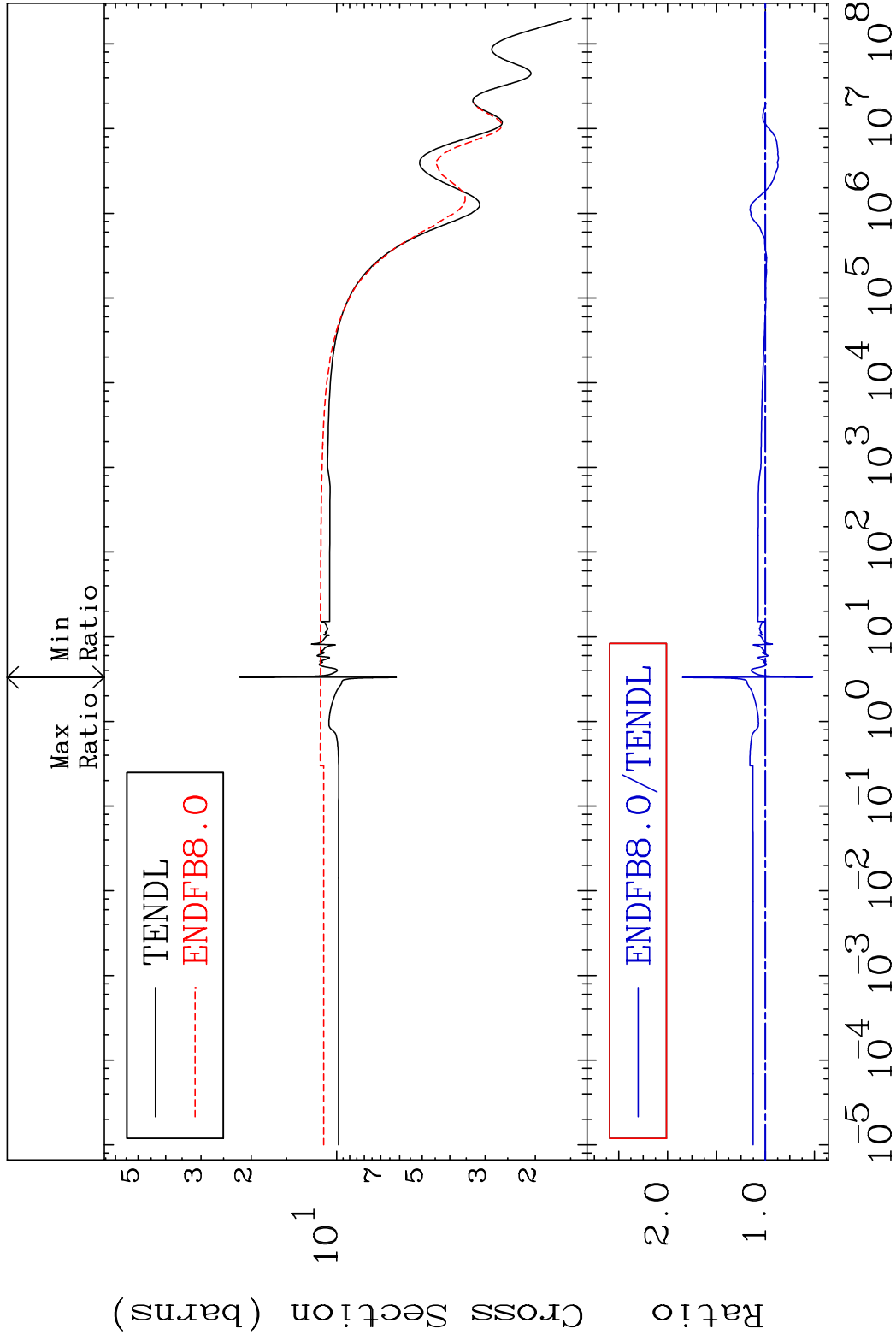
1 Incident Energy (eV) 94-Pu-237

MAT 9431

Elastic

94-Pu-237

Cross Section -48.18 To 84.93 %



2

Incident Energy (eV)

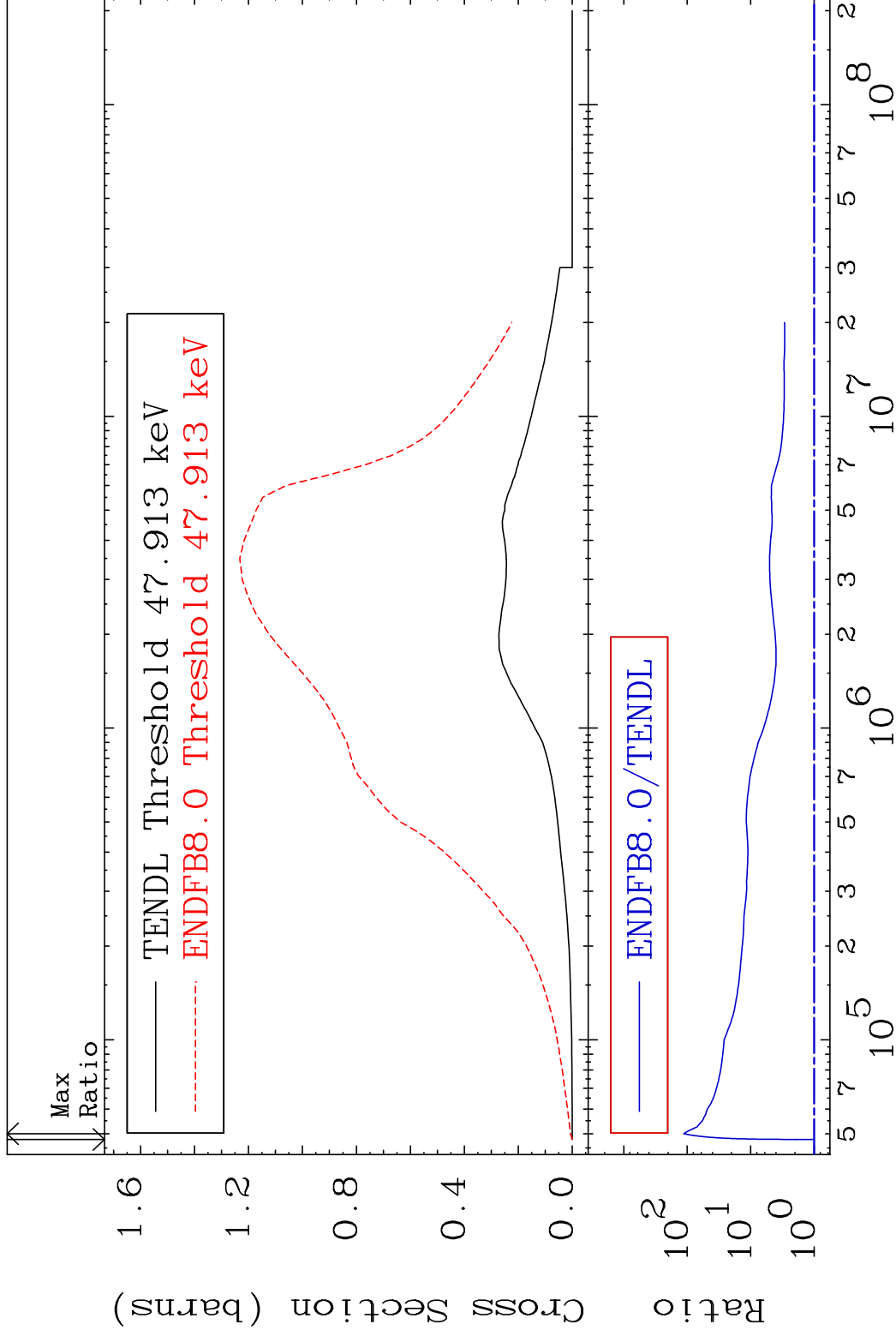
94-Pu-237

MAT 9431

Inelastic

94-Pu-237

Cross Section 0.000 To 9999. %



3

Incident Energy (eV)

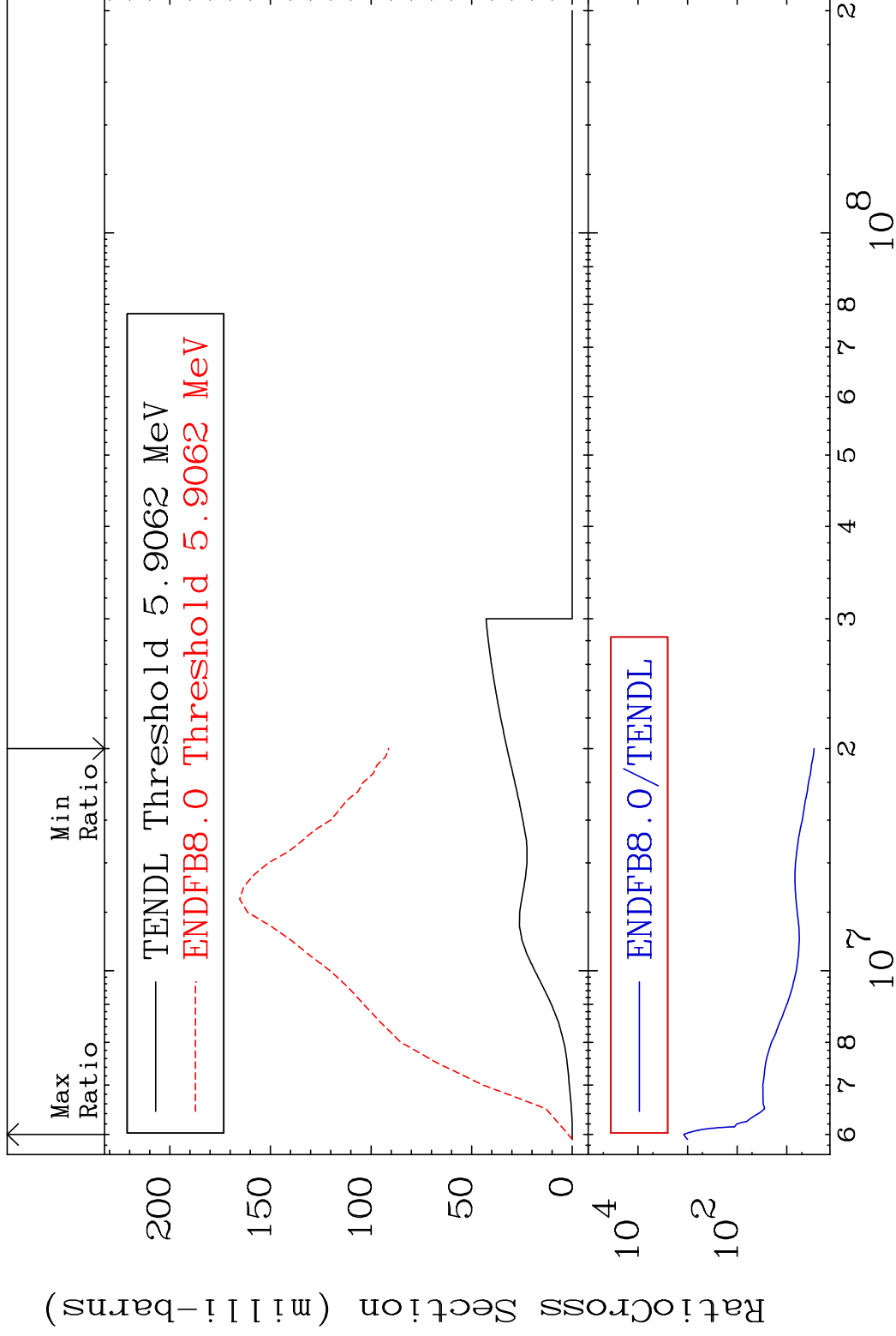
94-Pu-237

MAT 9431

(n,2n)

94-Pu-237

Cross Section 181.9 To 9999. %



4

Incident Energy (eV)

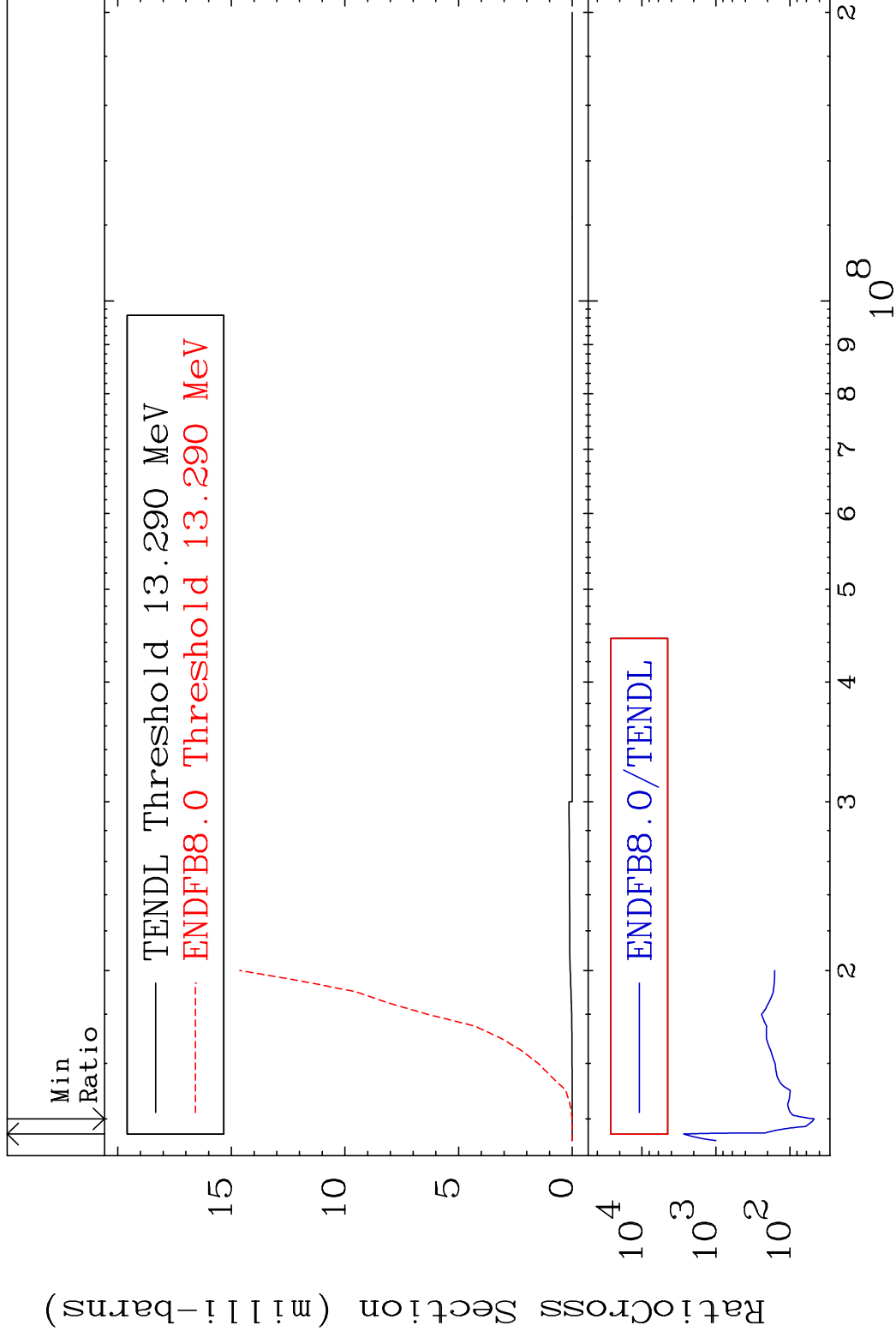
94-Pu-237

MAT 9431

(n,3n)

94-Pu-237

Cross Section 4605. To 9999. %



5

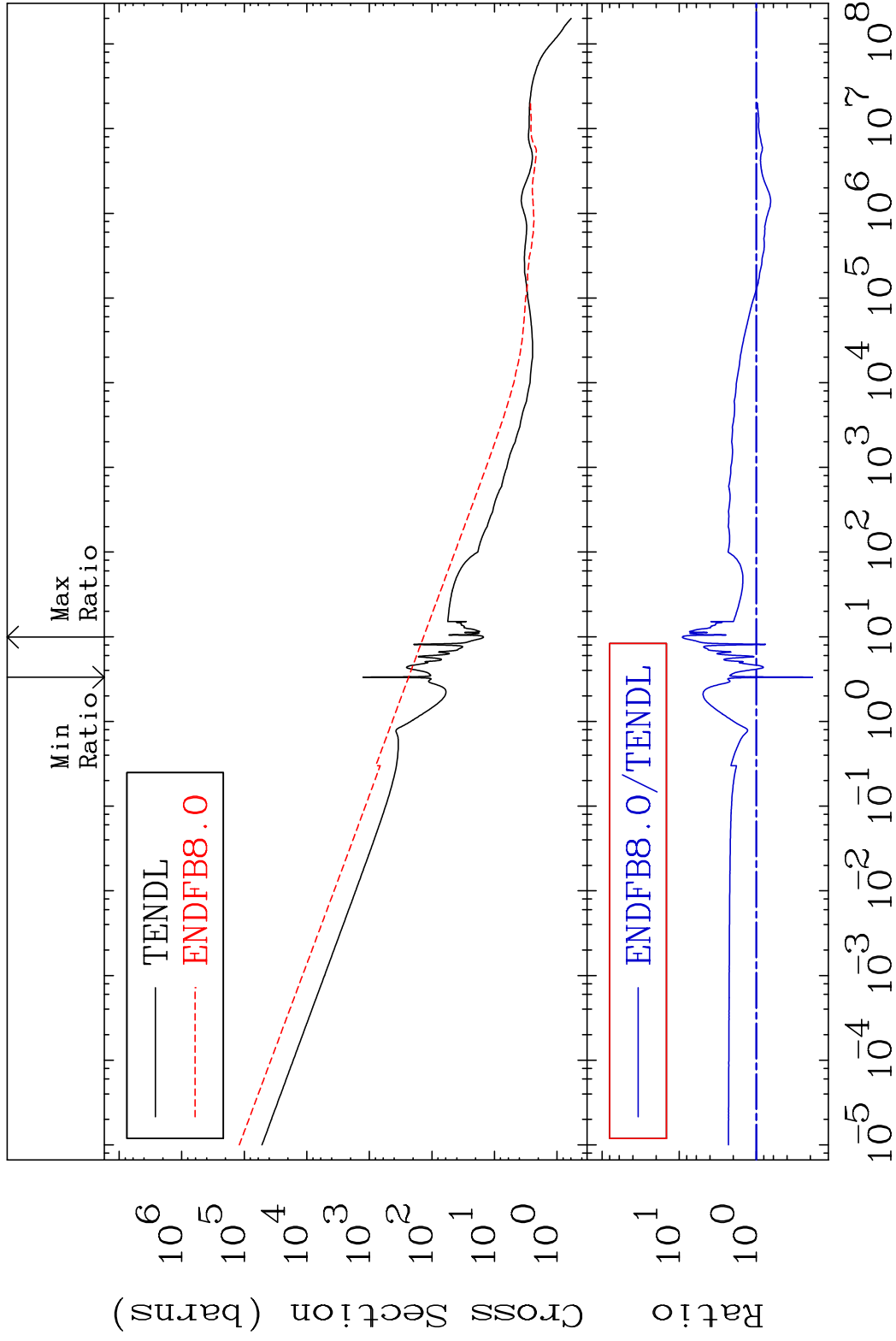
Incident Energy (eV)

94-Pu-237

MAT 9431

Fission Cross Section -81.32 To 811.8 %

94-Pu-237



6

Incident Energy (eV)

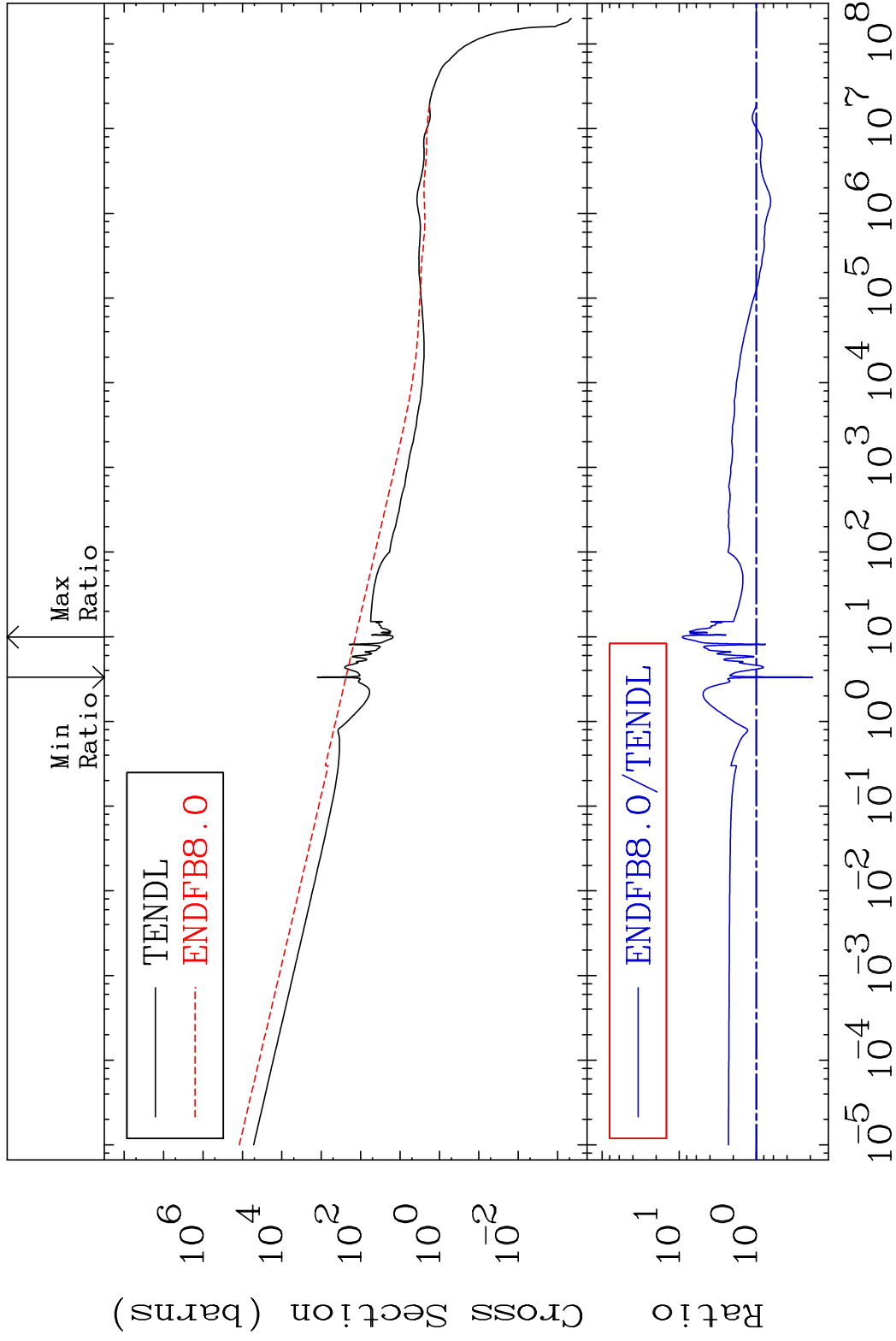
94-Pu-237

MAT 9431

(n, f) First Chance

94-Pu-237

Cross Section -81.32 To 811.8 %



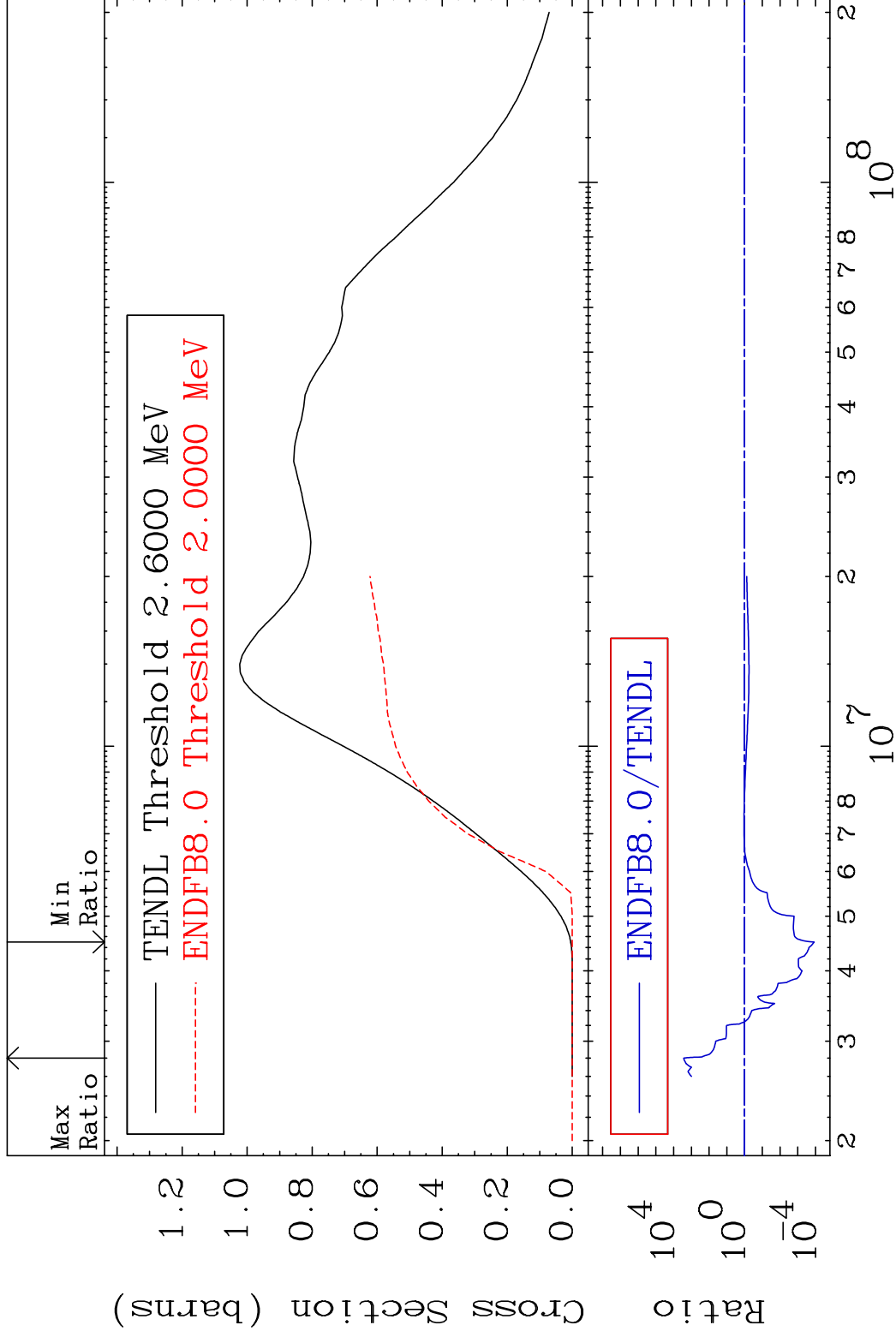
7

Incident Energy (eV)

94-Pu-237

MAT 9431

(n, nf) Second Chance 94-Pu-237
Cross Section -99.99 To 9999. %



8

Incident Energy (eV)

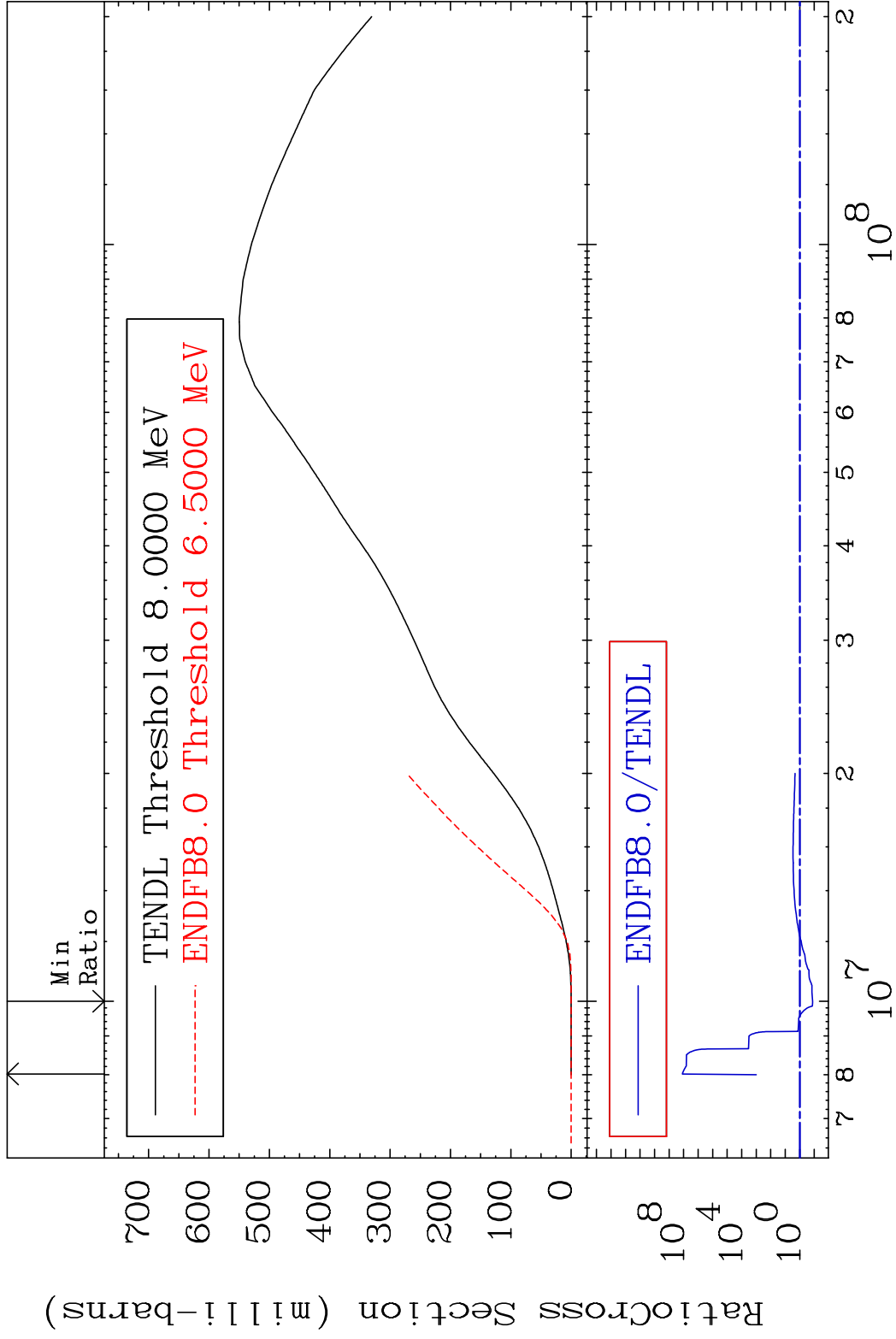
94-Pu-237

MAT 9431

(n,2nf) Third Chance

94-Pu-237

Cross Section -86.82 To 9999. %



9

Incident Energy (eV)

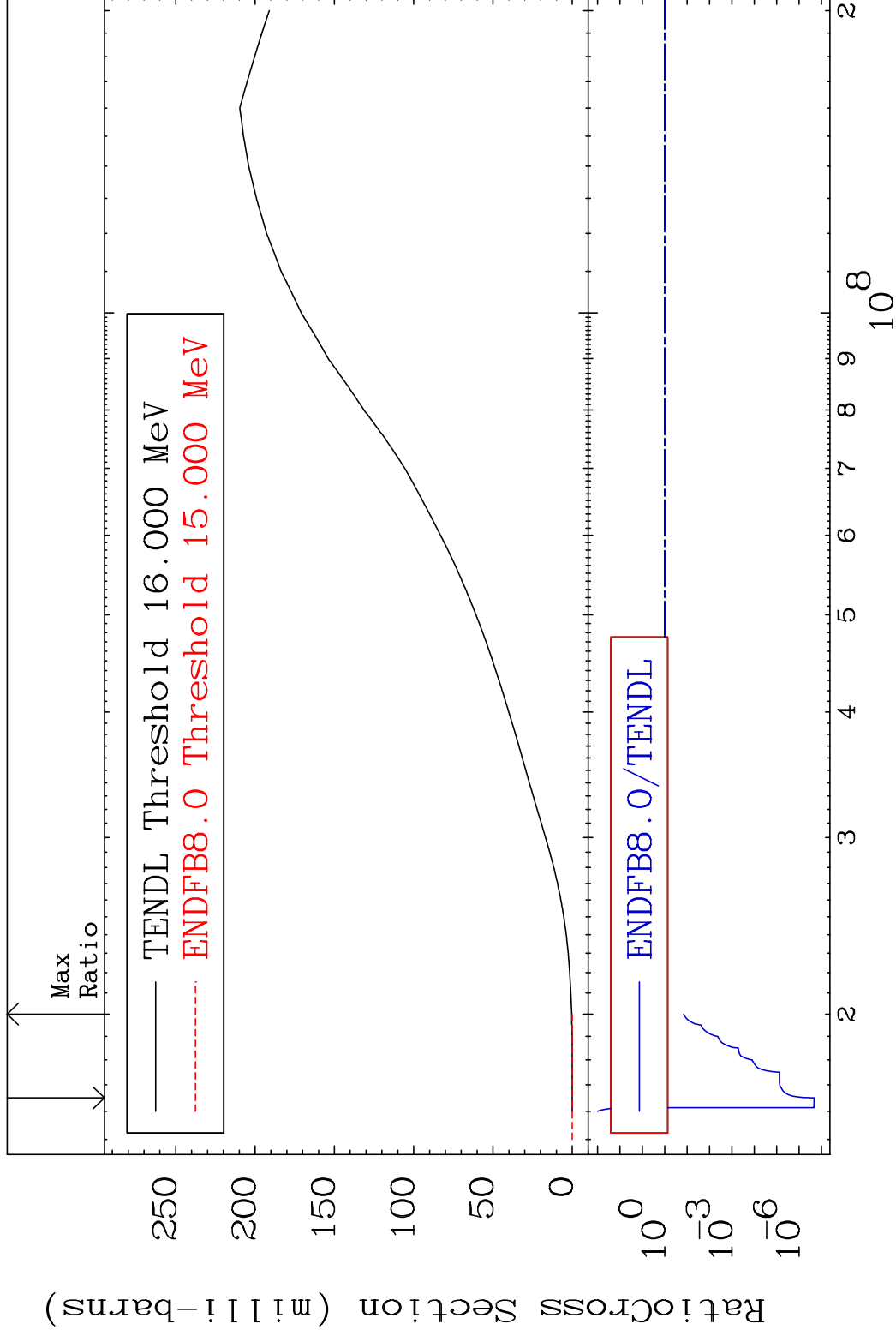
94-Pu-237

MAT 9431

(n,3nf) Fourth Chance

94-Pu-237

Cross Section -100.0 To -85.74%

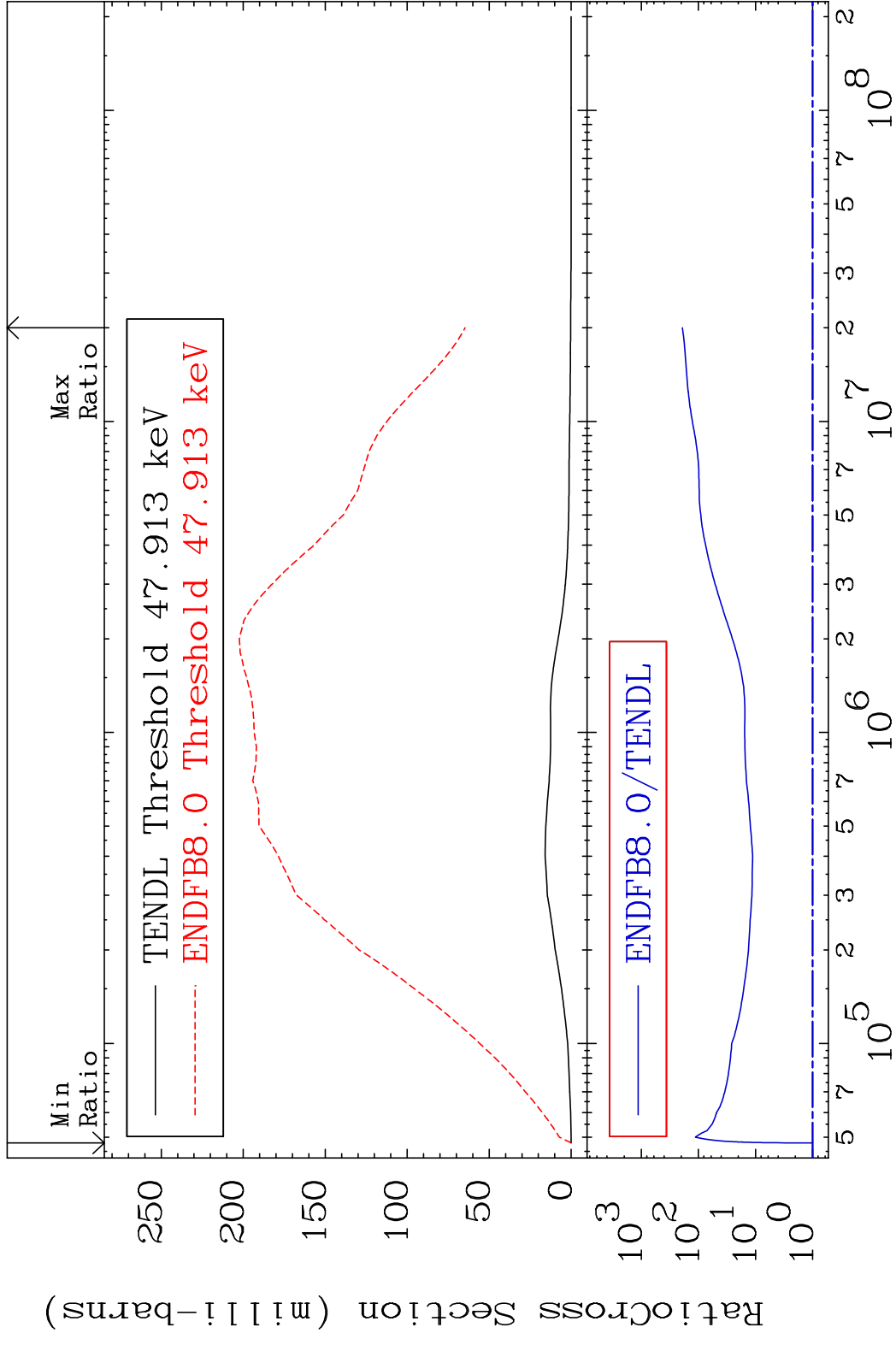


10

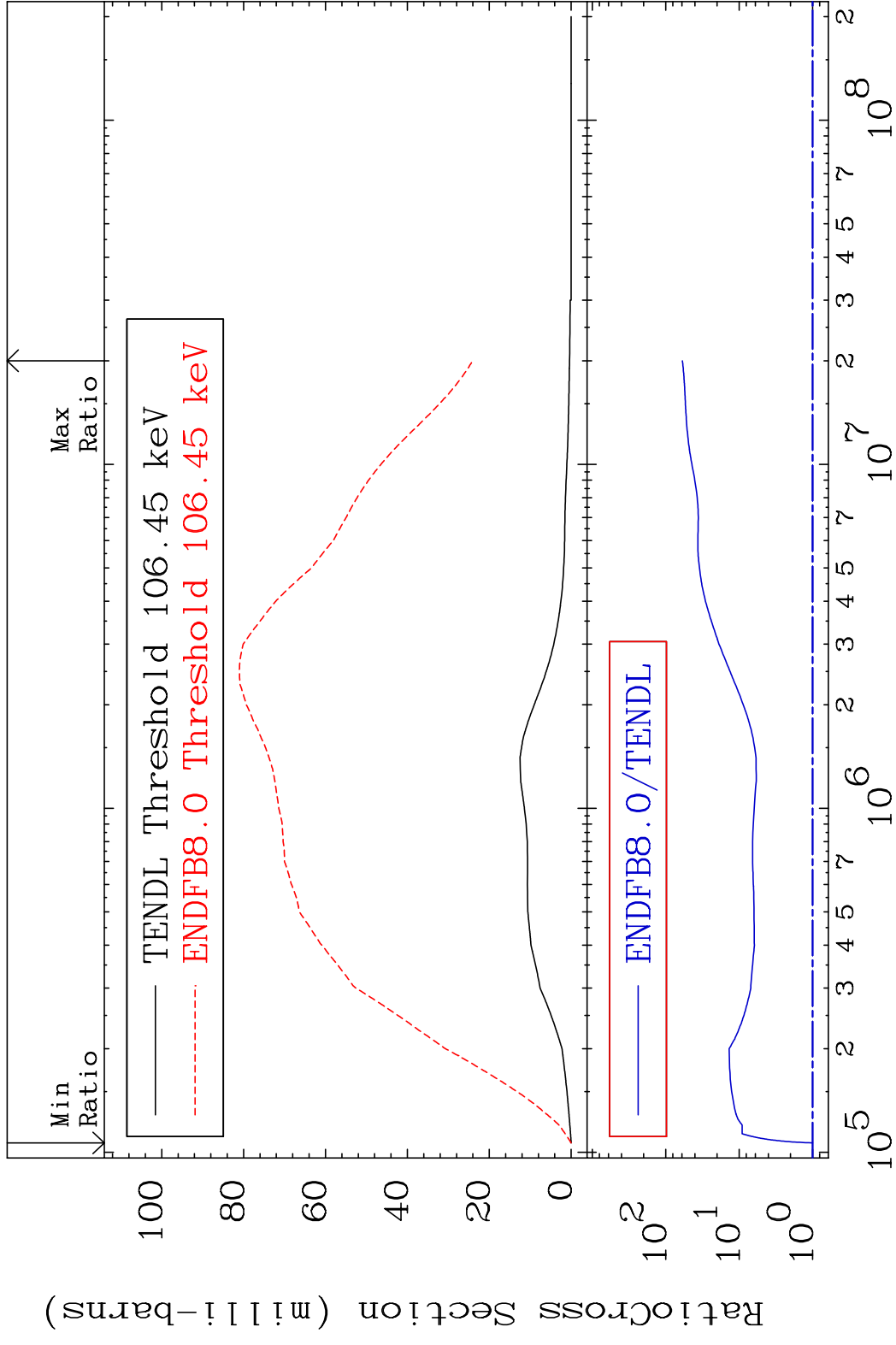
Incident Energy (eV)

94-Pu-237

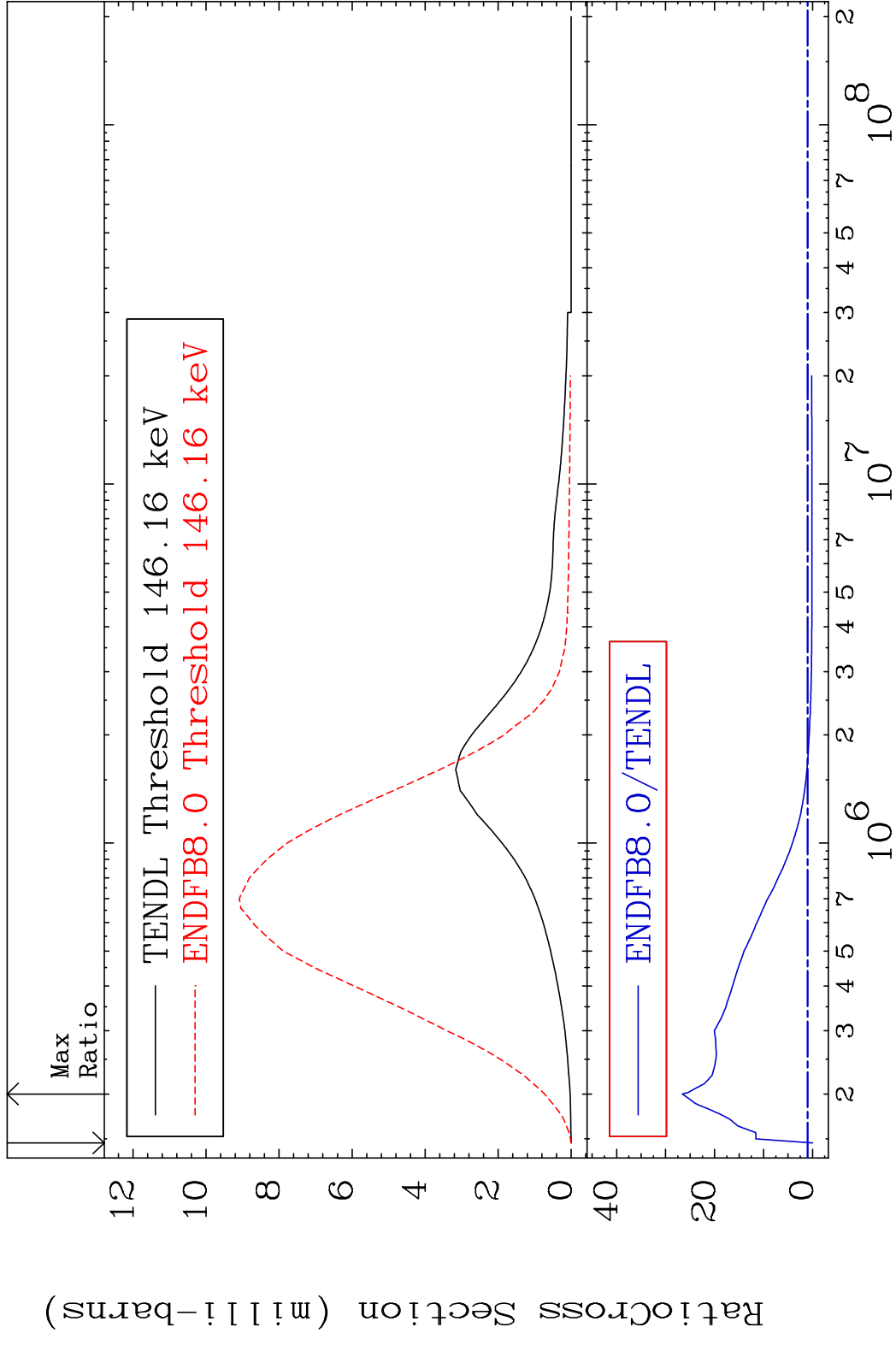
MAT 9431 MT= 51 (n, n') Level 94-Pu-237
 Cross Section 0.000 To 9999. %



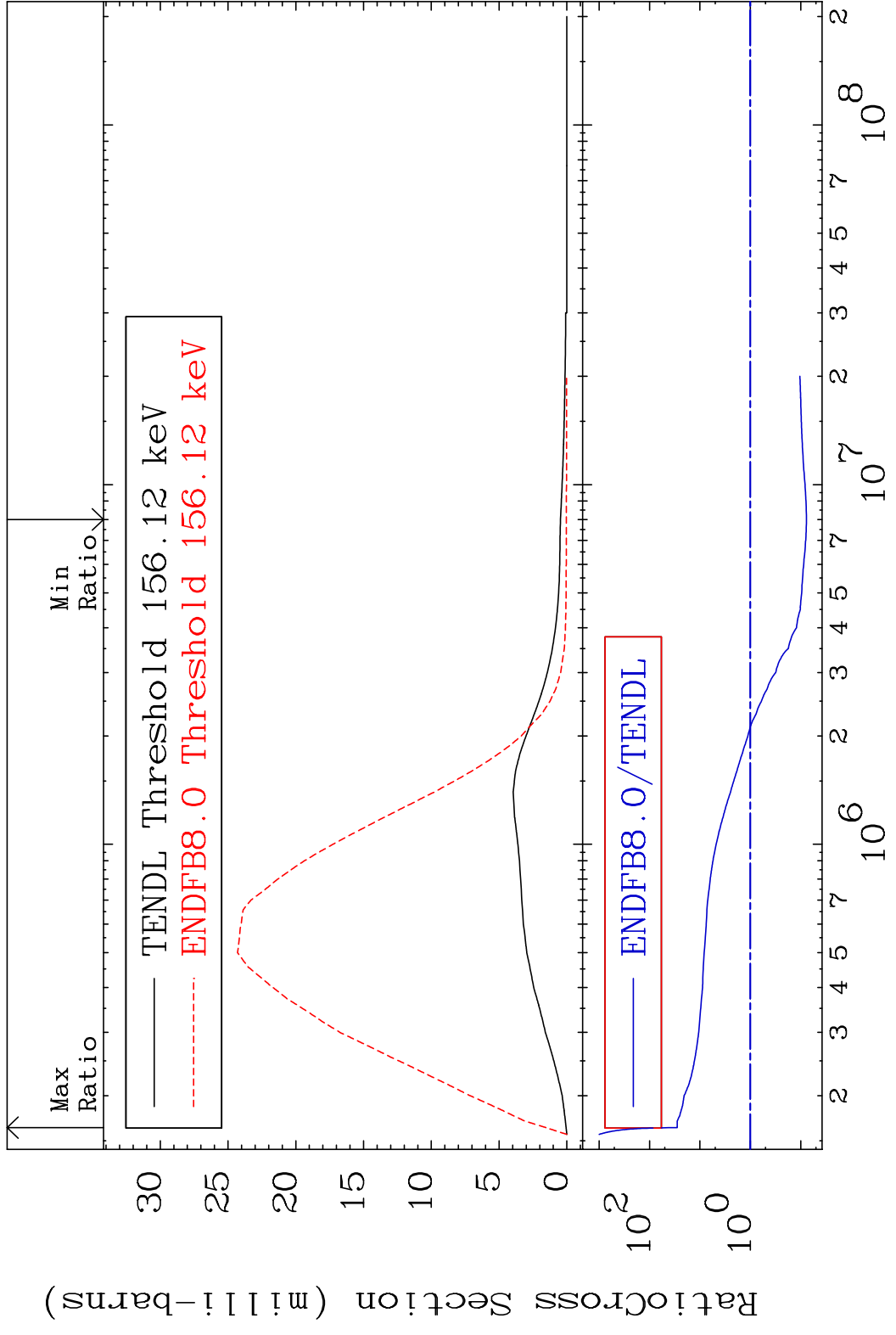
MAT 9431 MT= 52 (n, n') Level 94-Pu-237
 Cross Section 0.000 To 5837. %



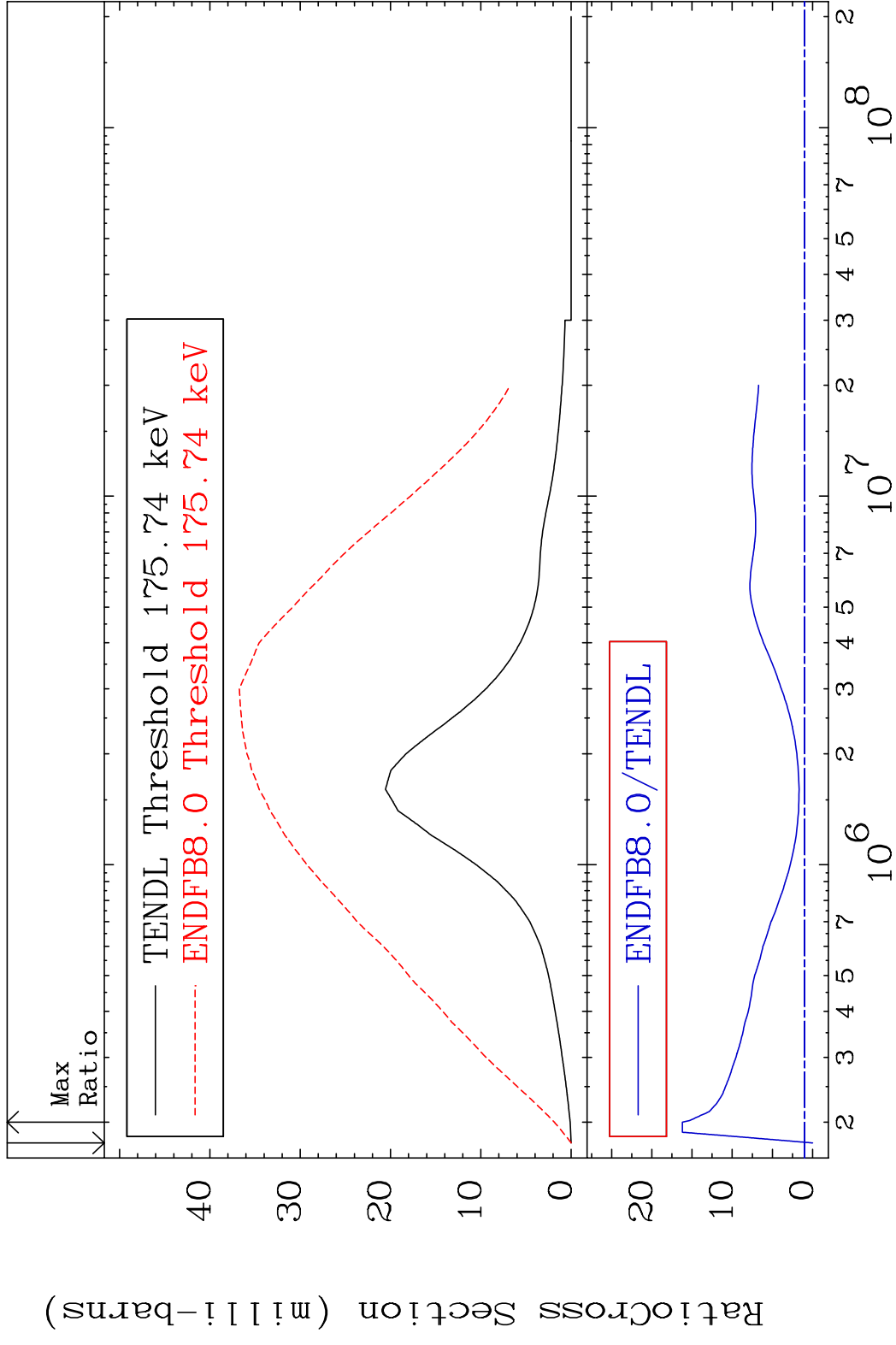
MAT 9431 MT= 53 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 2558. %



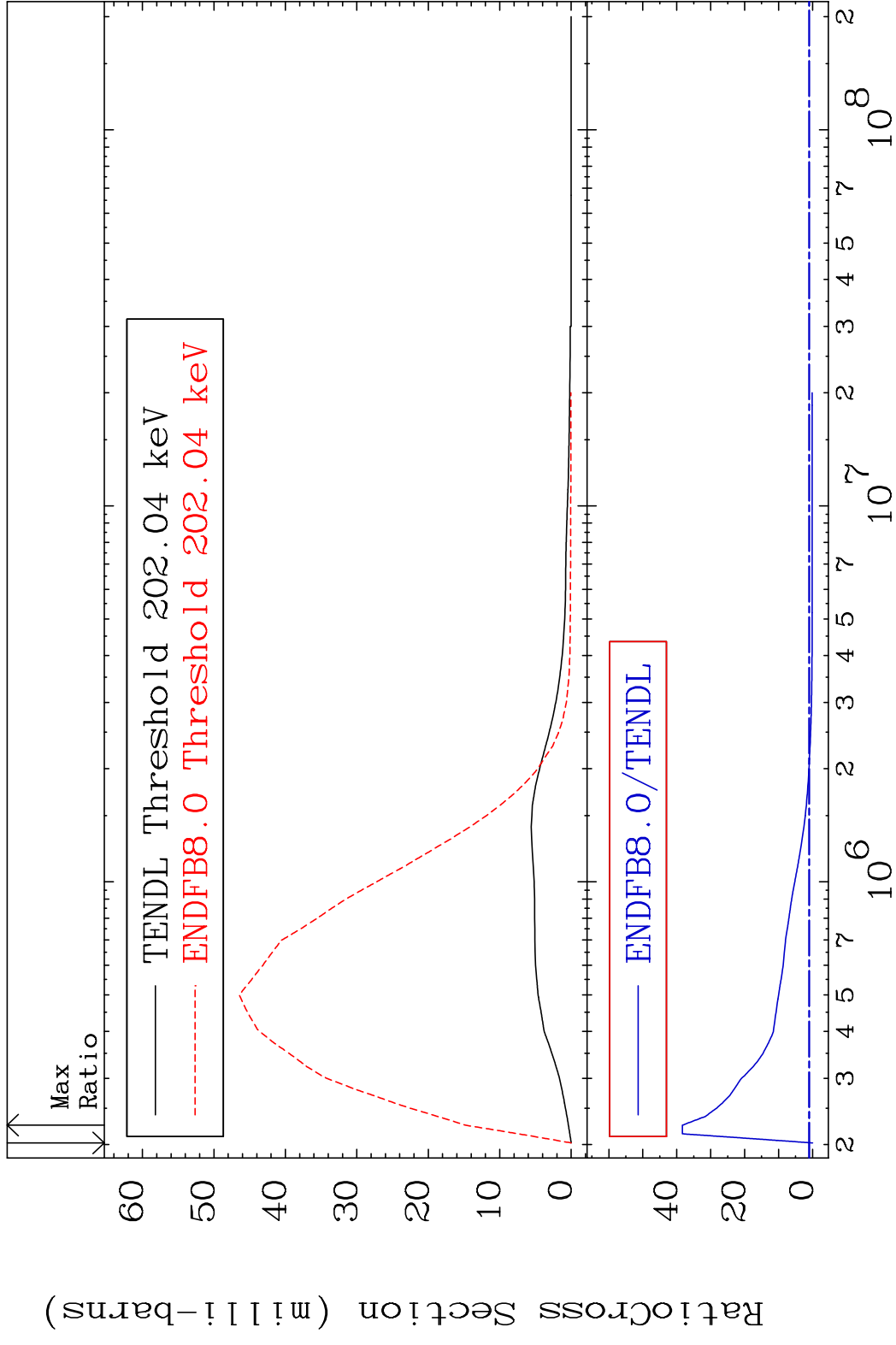
MAT 9431 MT= 54 (n, n') Level 94-Pu-237
 Cross Section -92.26 To 2729. %



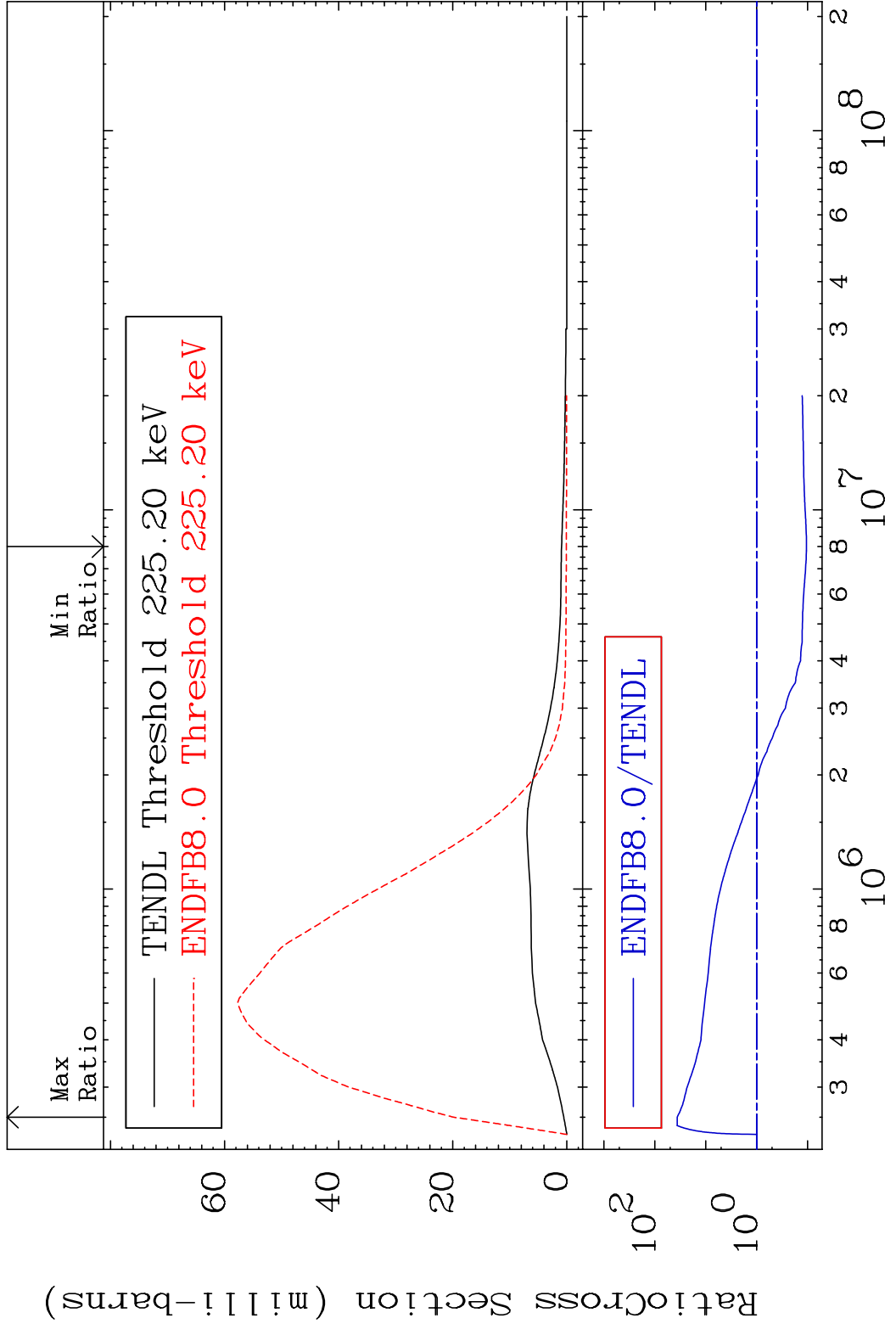
MAT 9431 MT= 55 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 1520. %



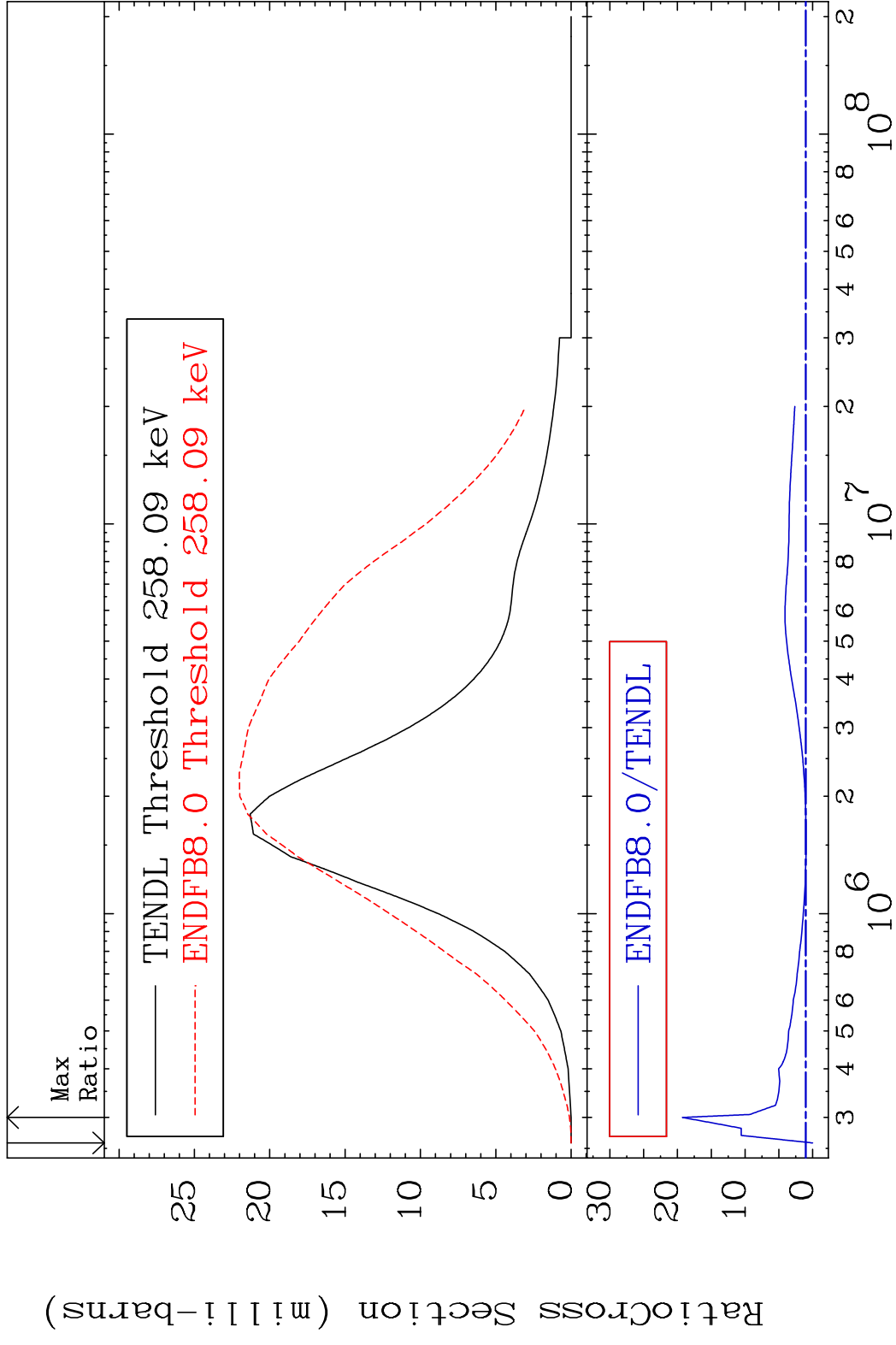
MAT 9431 MT= 56 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 3735. %



MAT 9431 MT= 57 (n,n') Level 94-Pu-237
 Cross Section -89.47 To 3541. %



MAT 9431 MT= 58 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 1828. %

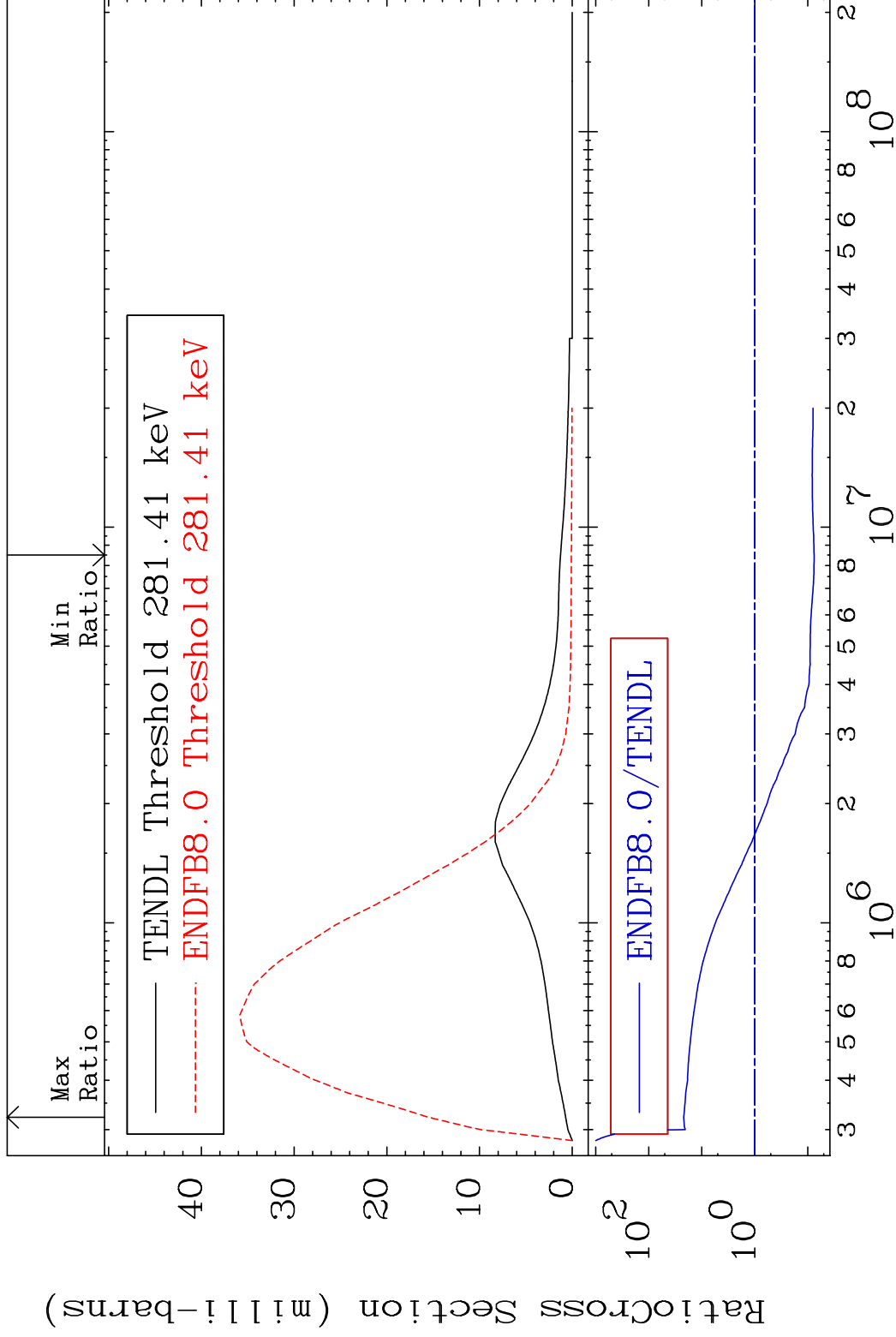


MAT 9431

MT= 59 (n, n') Level

94-Pu-237

Cross Section -92.43 To 2088. %

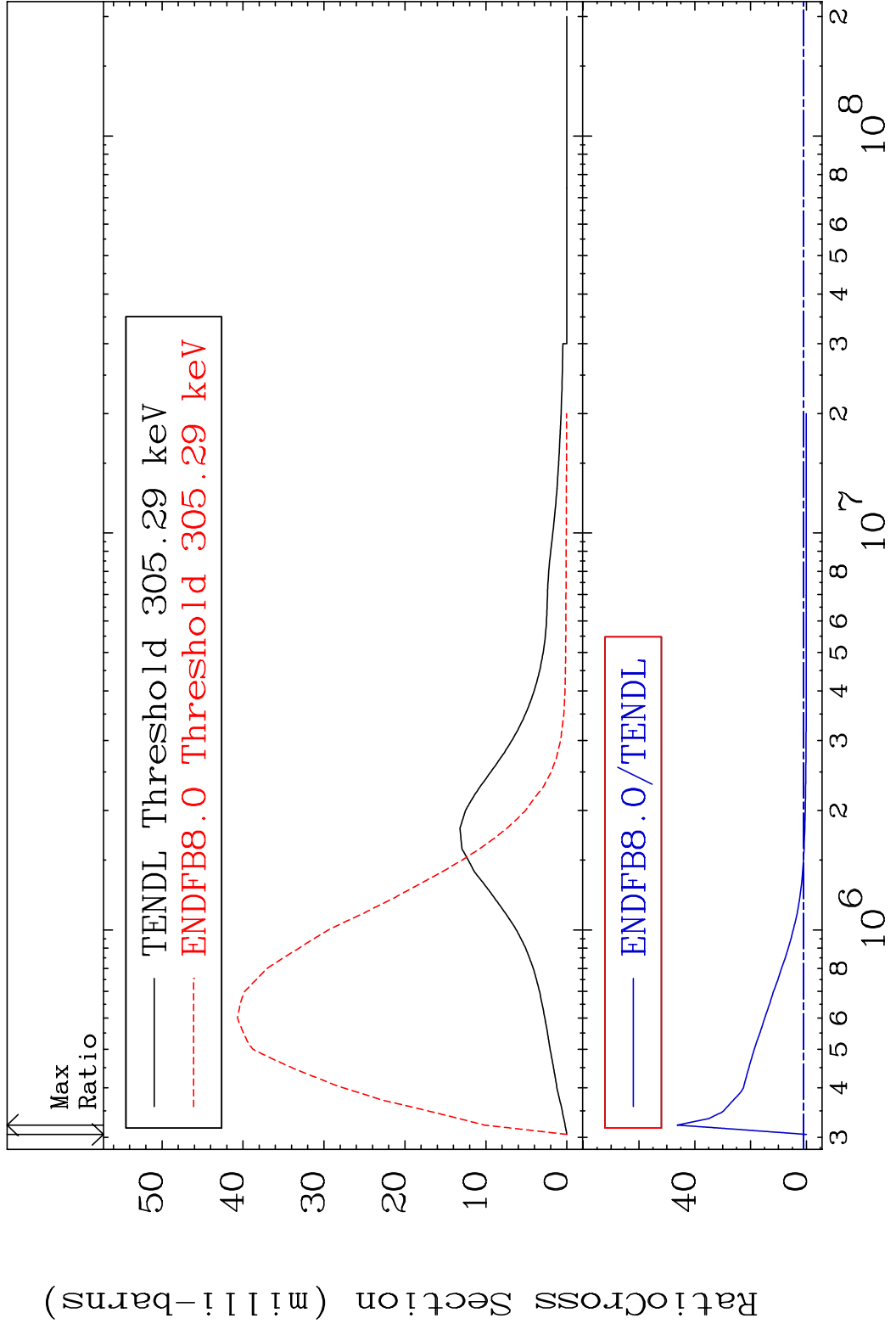


19

Incident Energy (eV)

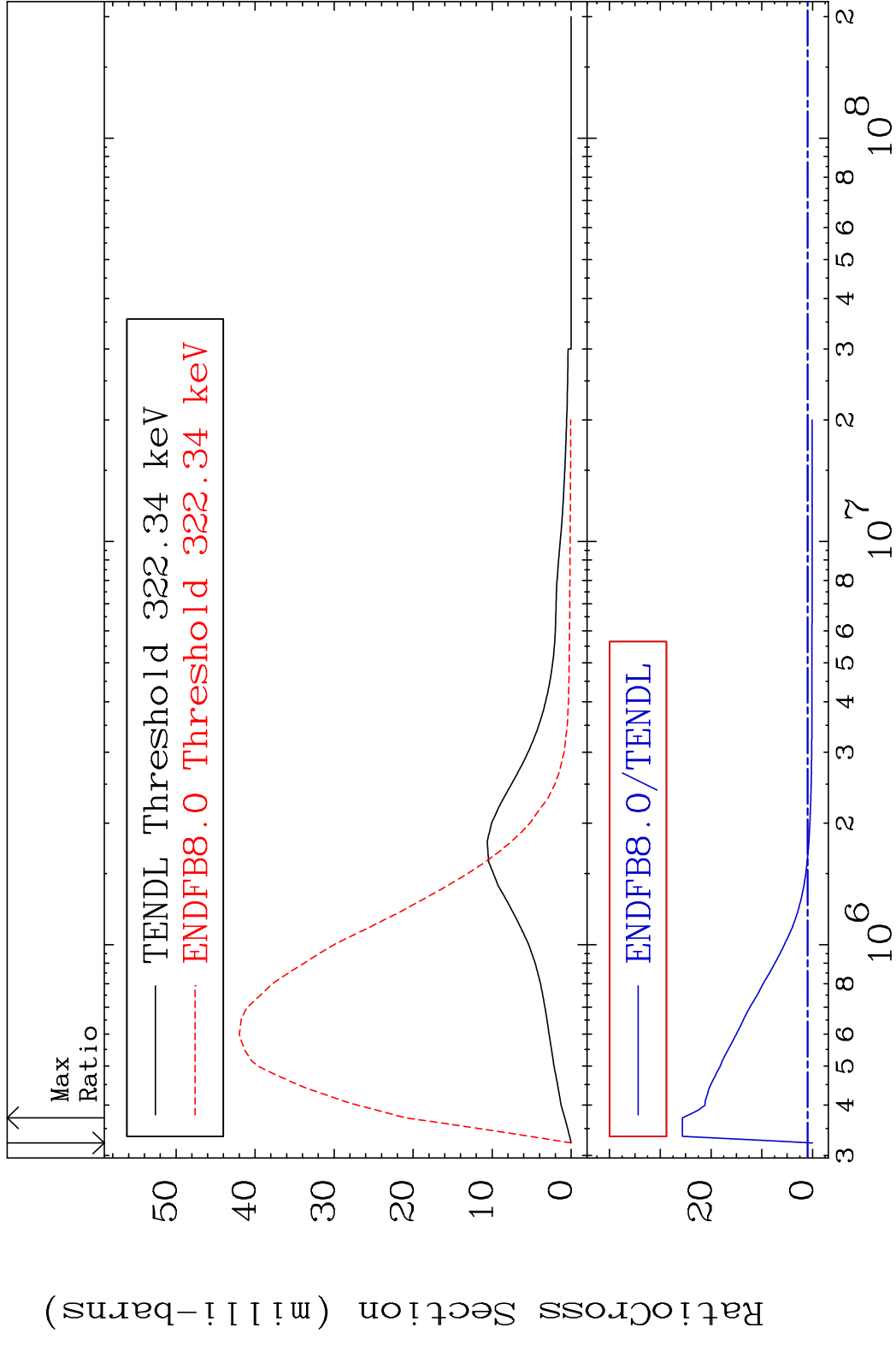
94-Pu-237

MAT 9431 MT= 60 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 4530. %



20 Incident Energy (eV) 94-Pu-237

MAT 9431 MT= 61 (n,n') Level 94-Pu-237
 Cross Section -100.0 To 2464. %

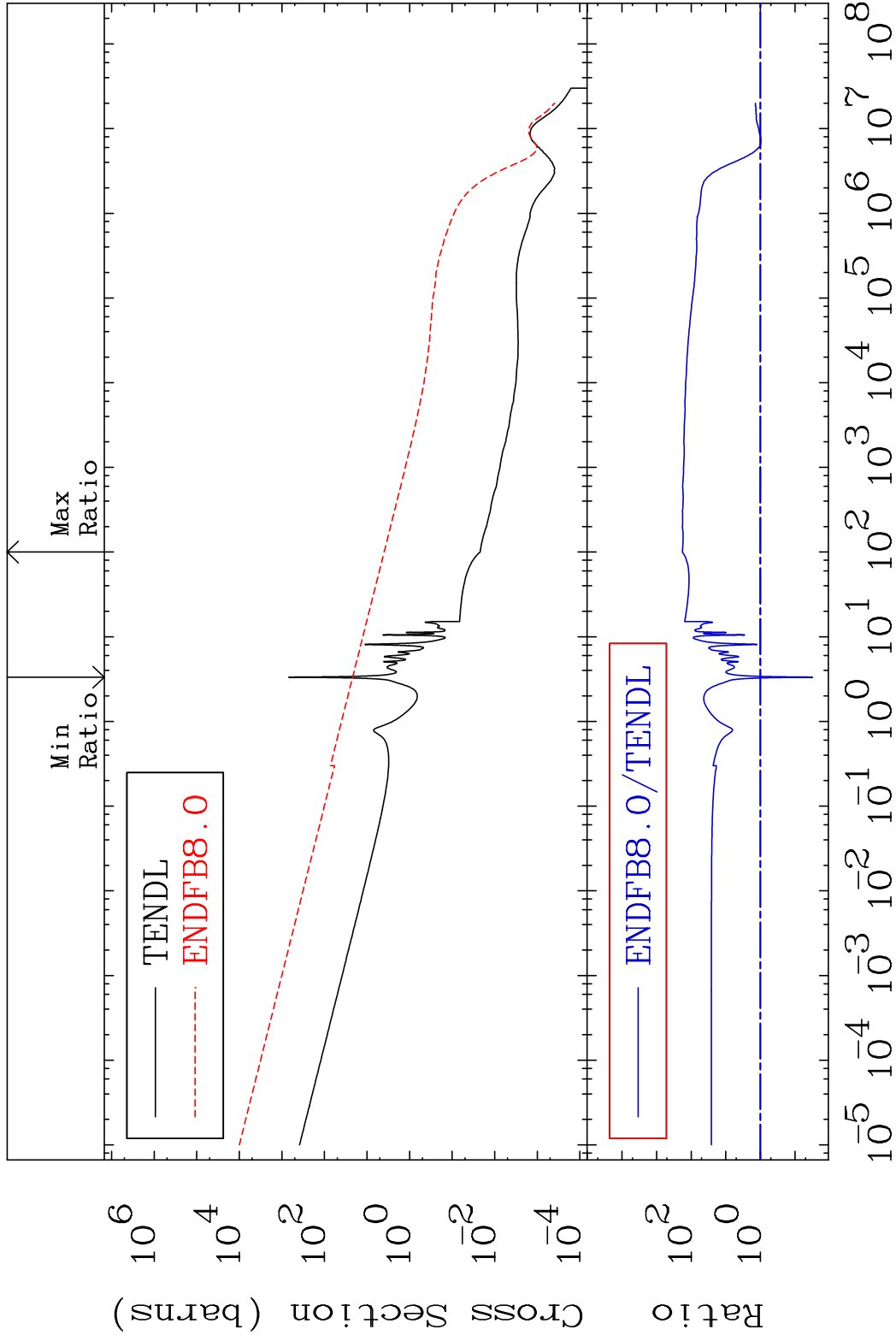


MAT 9431

94-Pu-237

(n, γ)

Cross Section -96.87 To 9999. %



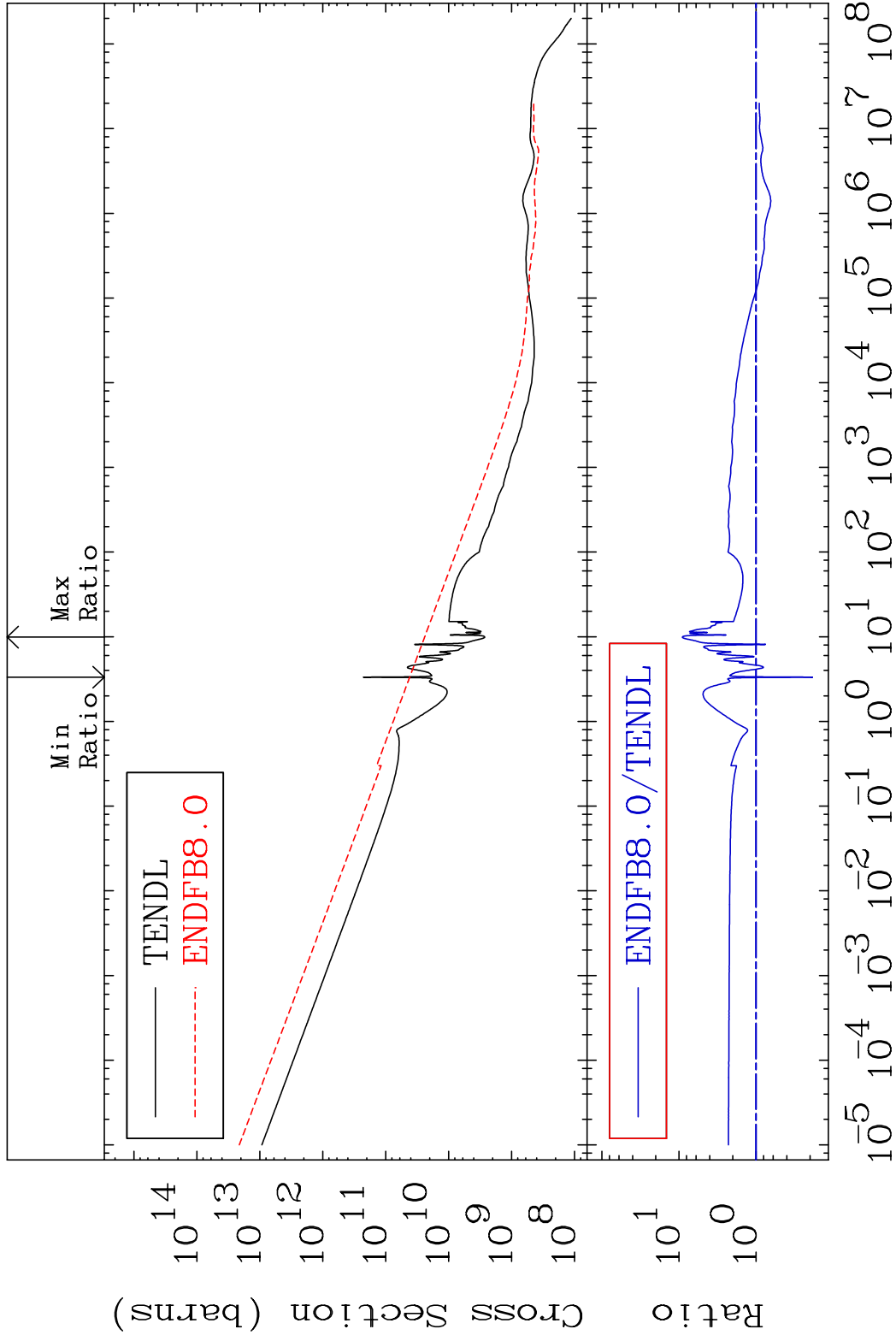
23

Incident Energy (eV)

94-Pu-237

MAT 9431

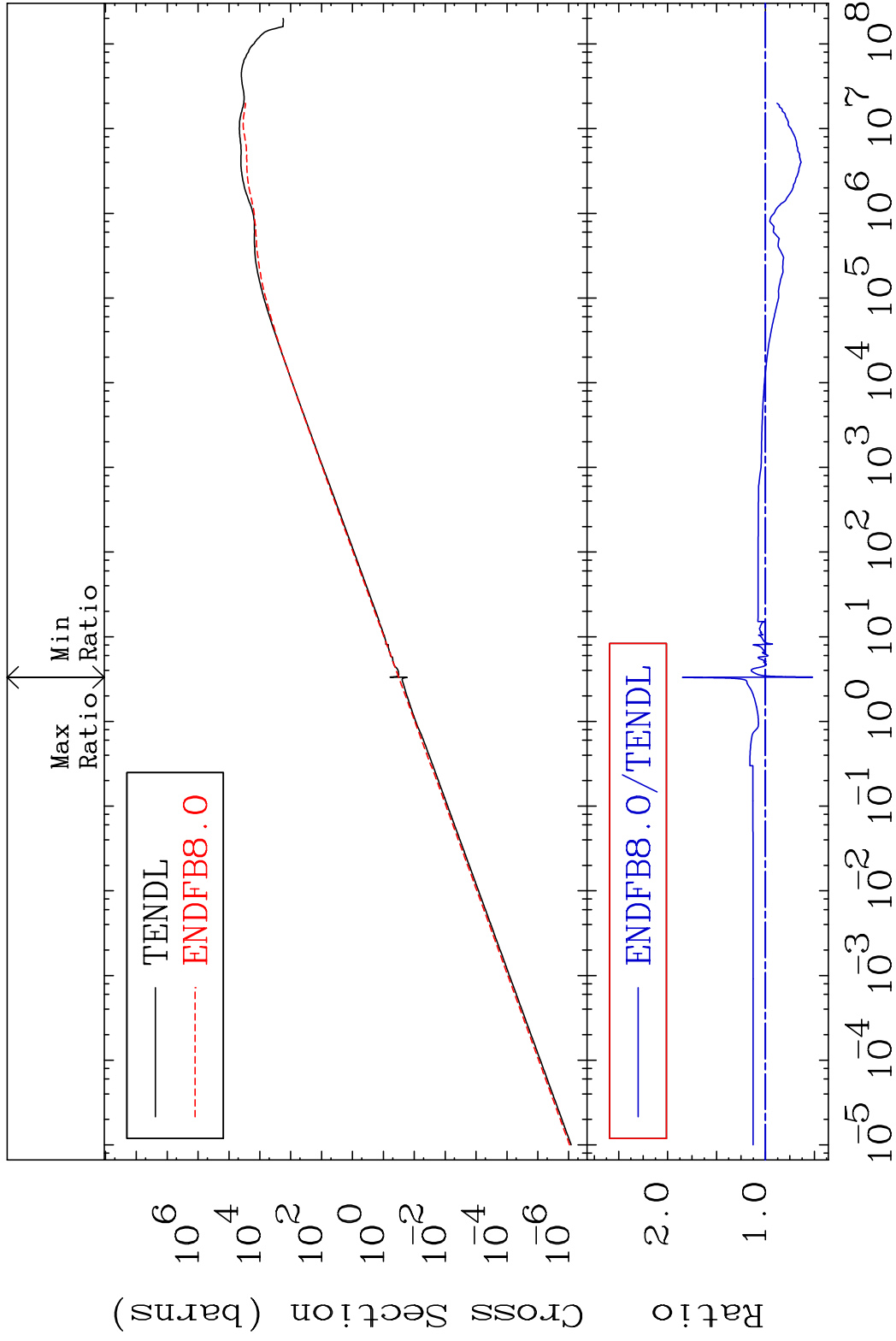
Kerma total (eV-barns) 94-Pu-237
Cross Section -81.47 To 804.6 %



MAT 9431

Kerma elastic
Cross Section -48.18 To 84.93 %

94-Pu-237

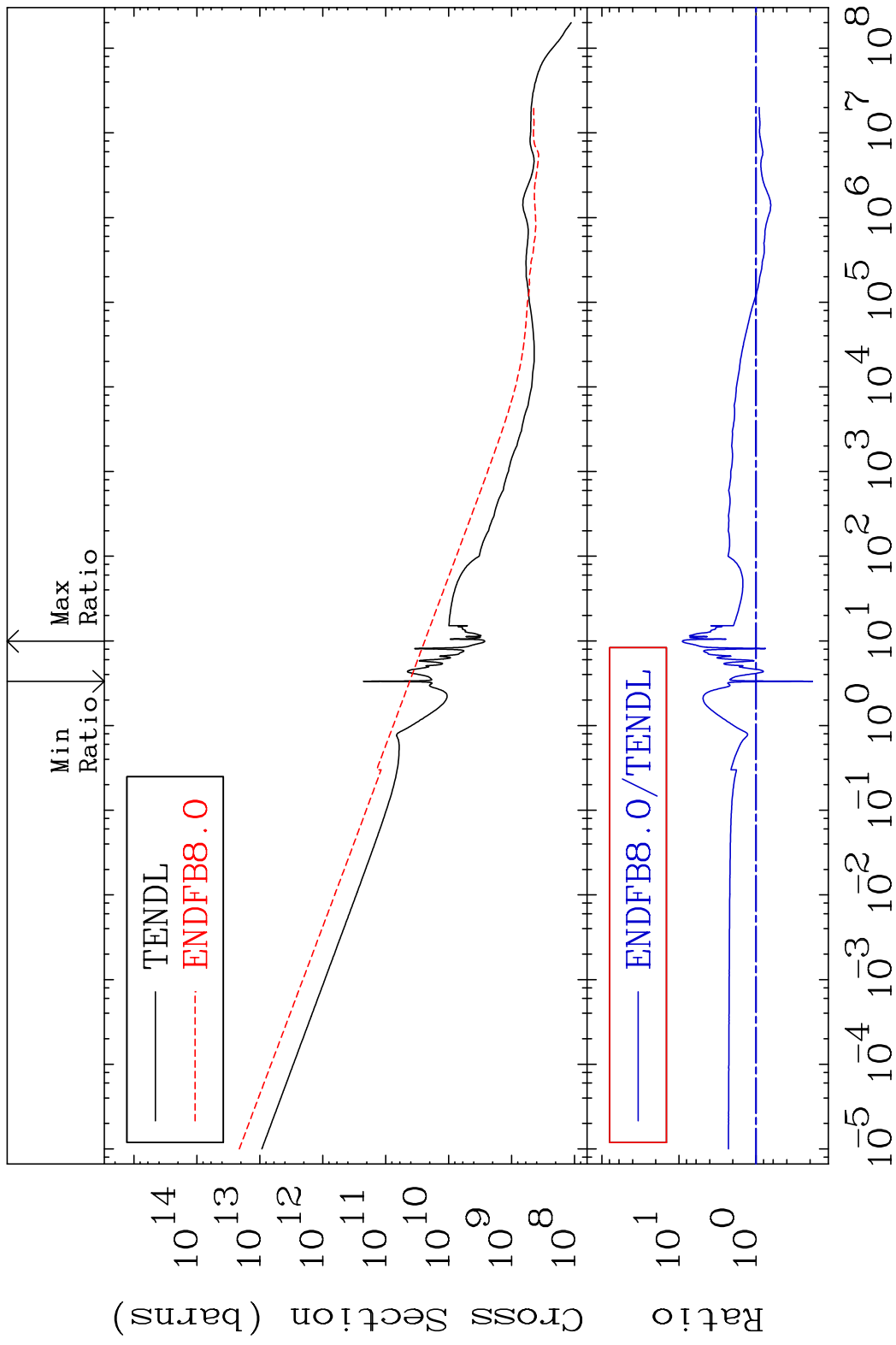


25

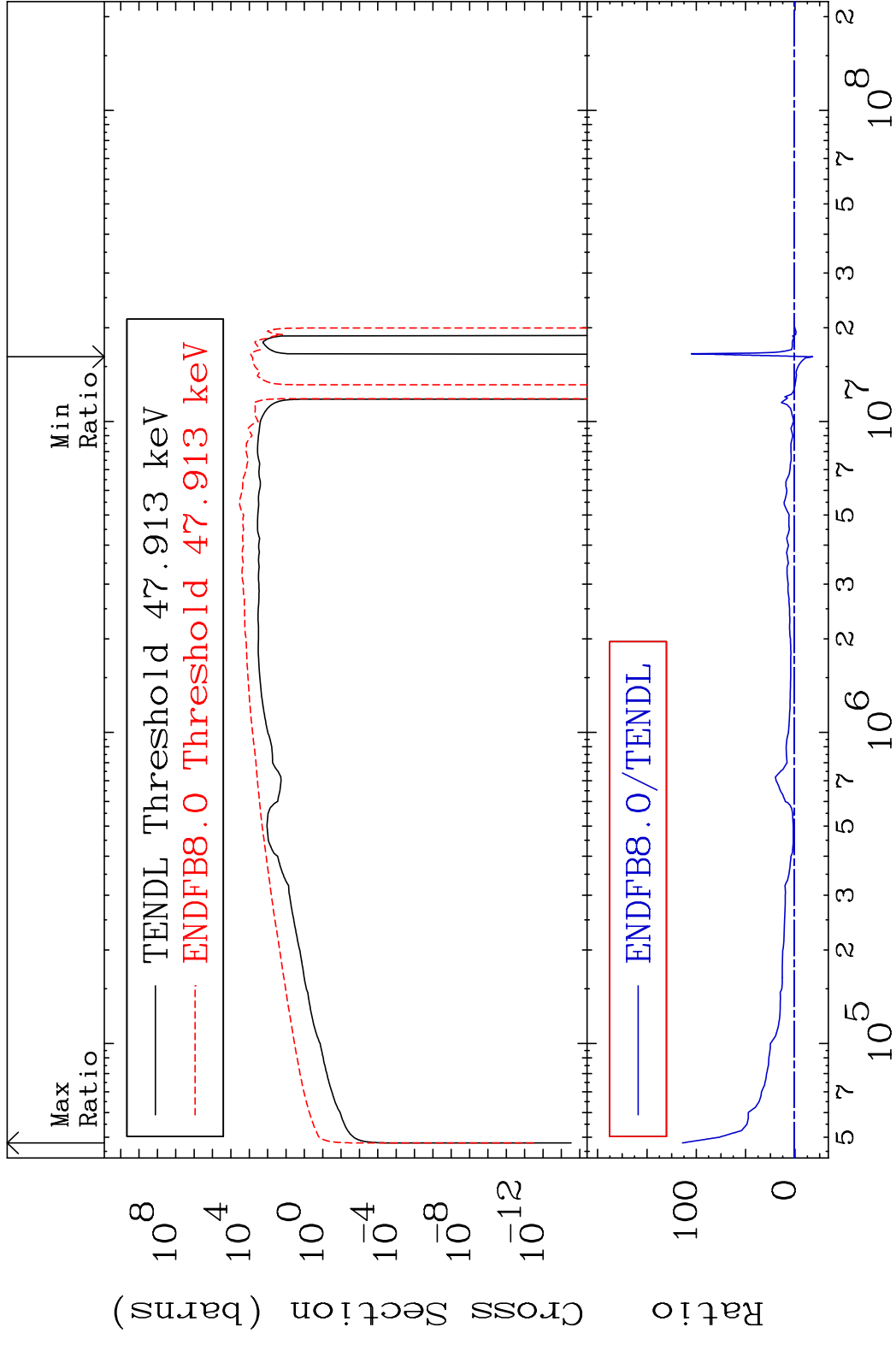
Incident Energy (eV)

94-Pu-237

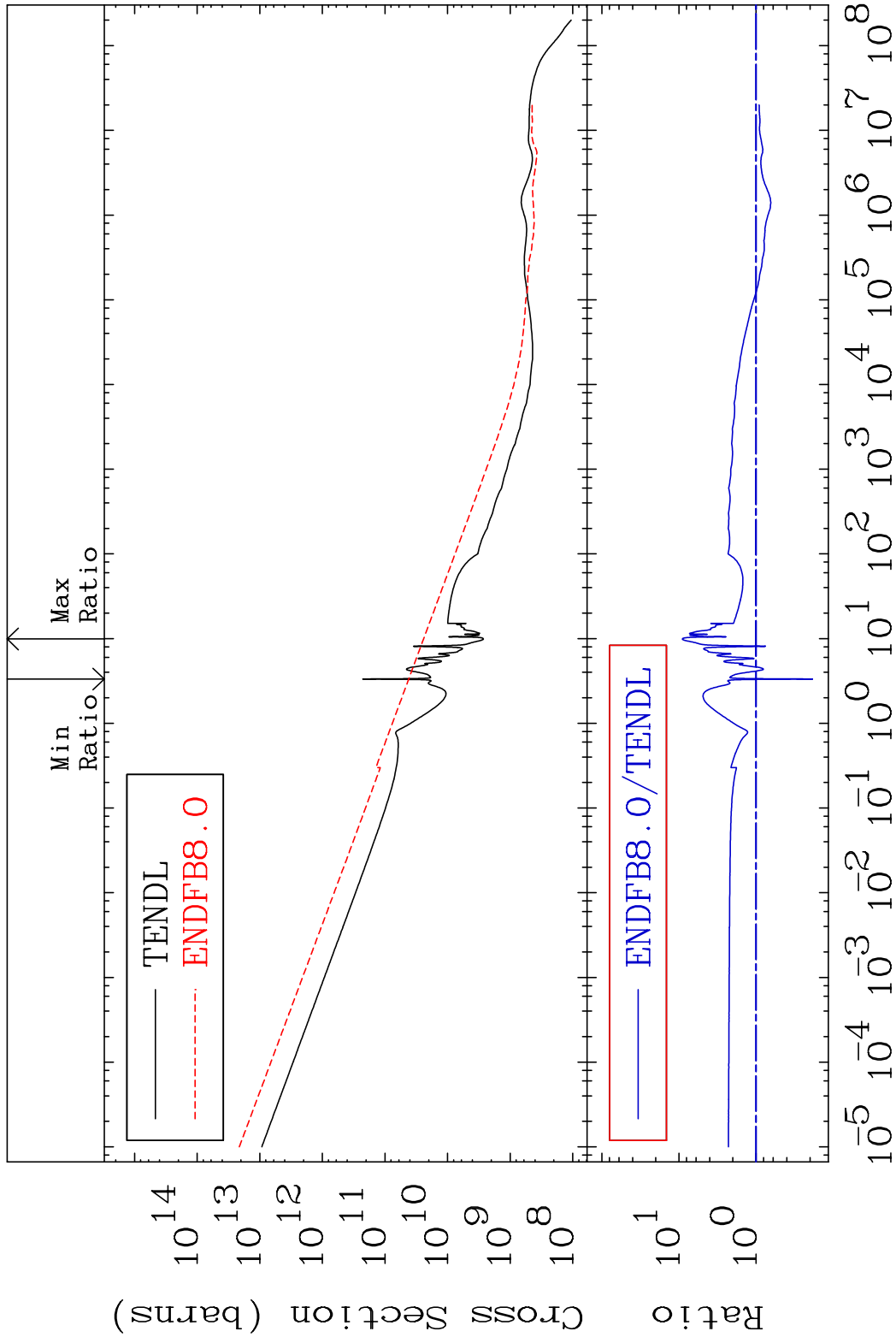
MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237
 Cross Section -81.47 To 804.6 %



MAT 9431 Kerma inelastic (mt51-91) 94-Pu-237
 Cross Section -1877. To 9999. %

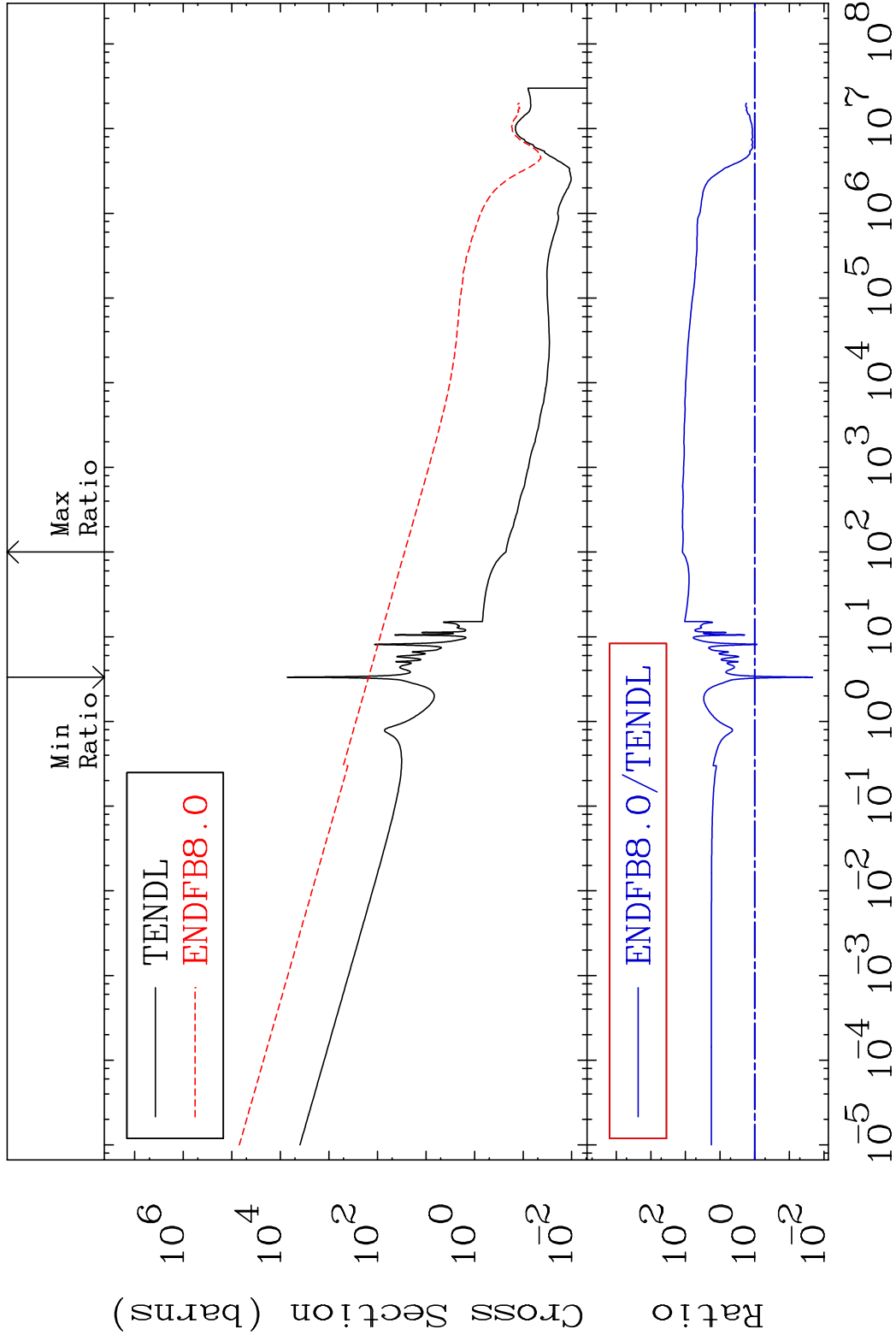


MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237
 Cross Section -81.47 To 804.6 %



MAT 9431

Kerma capture (mt102) 94-Pu-237
Cross Section -97.87 To 9999. %



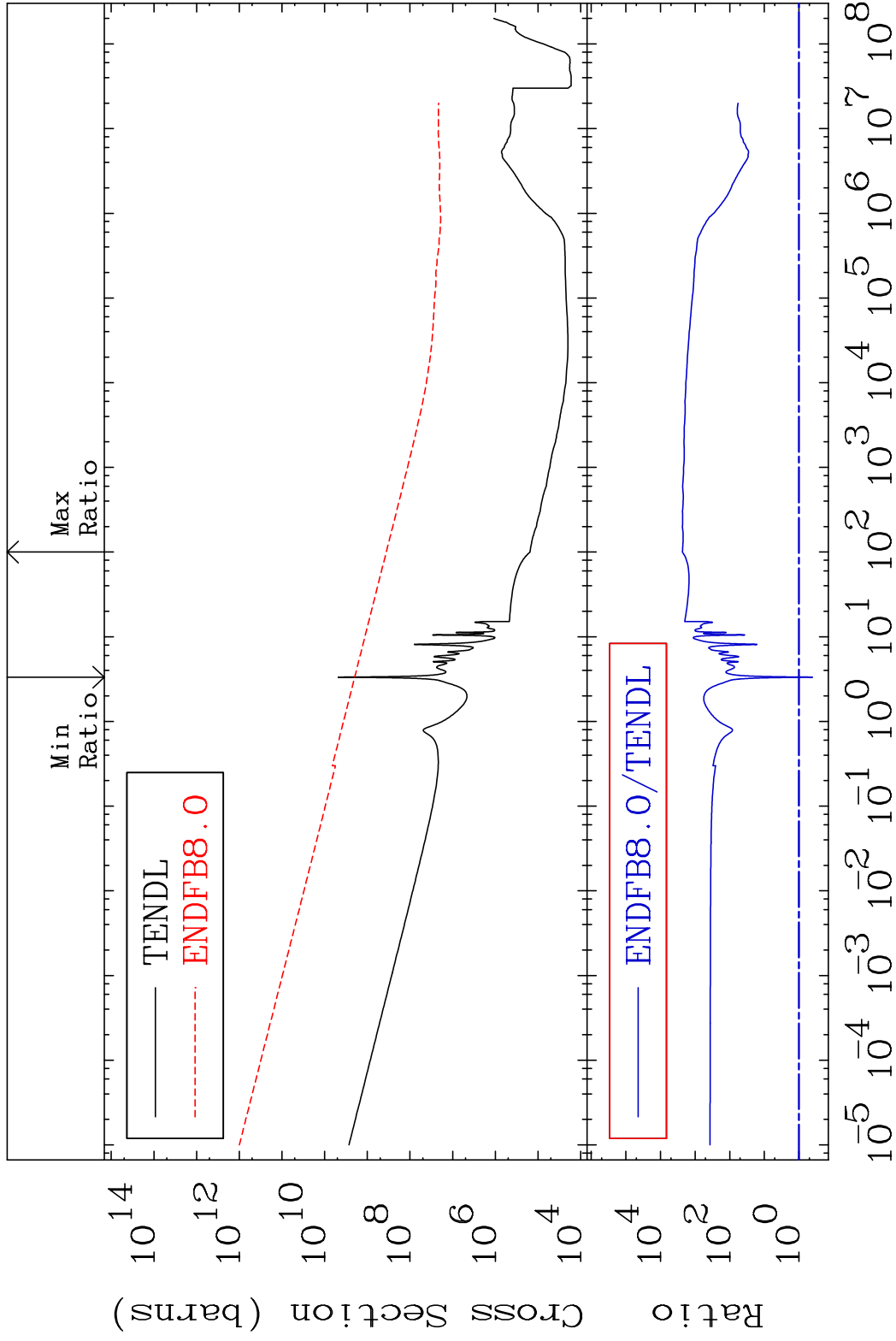
29

Incident Energy (eV)

94-Pu-237

MAT 9431

Total photon (eV-barns) 94-Pu-237
Cross Section -59.45 To 9999. %

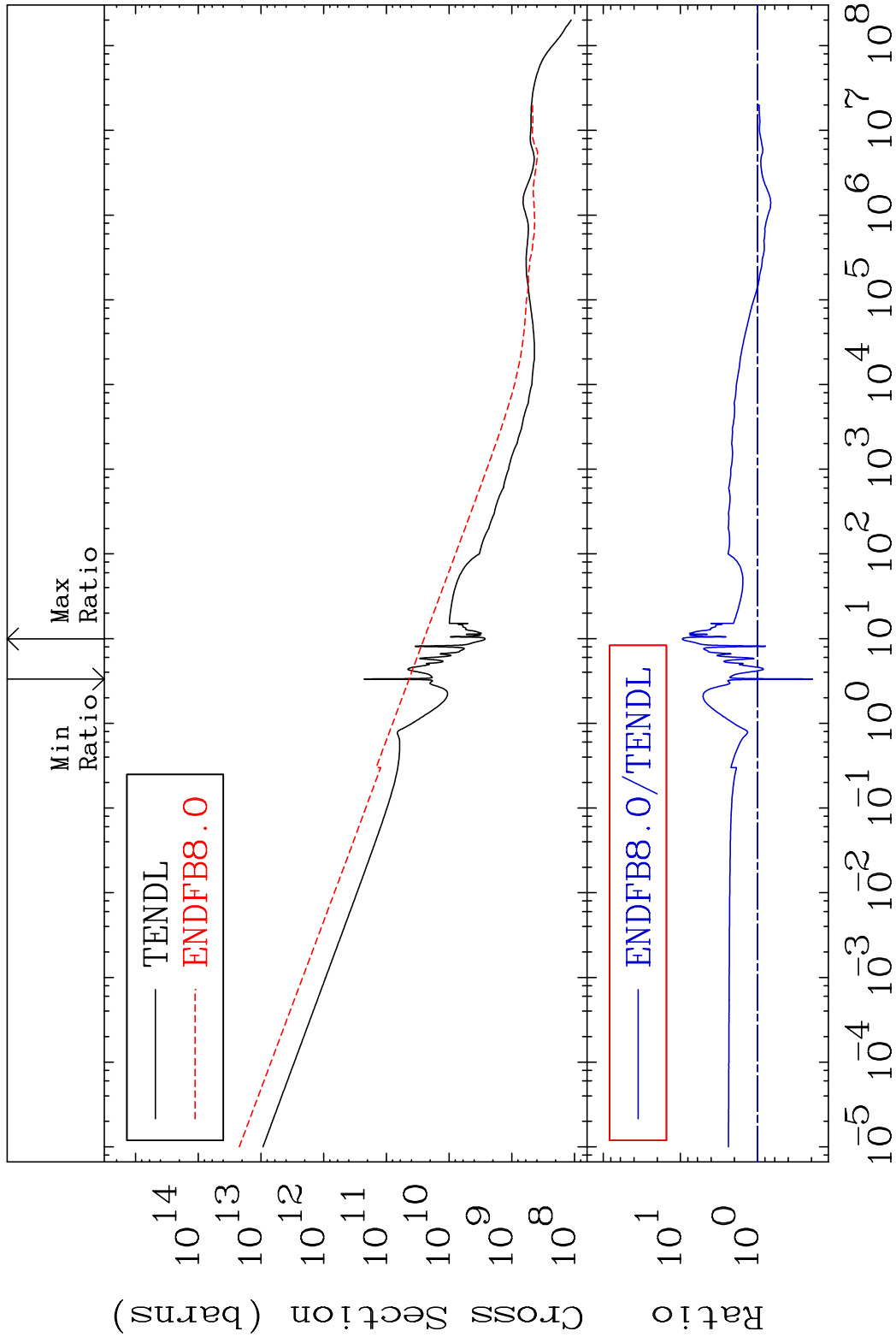


30

Incident Energy (eV)

94-Pu-237

MAT 9431 Total kinematic kerma (high limit) 94-Pu-237
 Cross Section -80.66 To 844.2 %

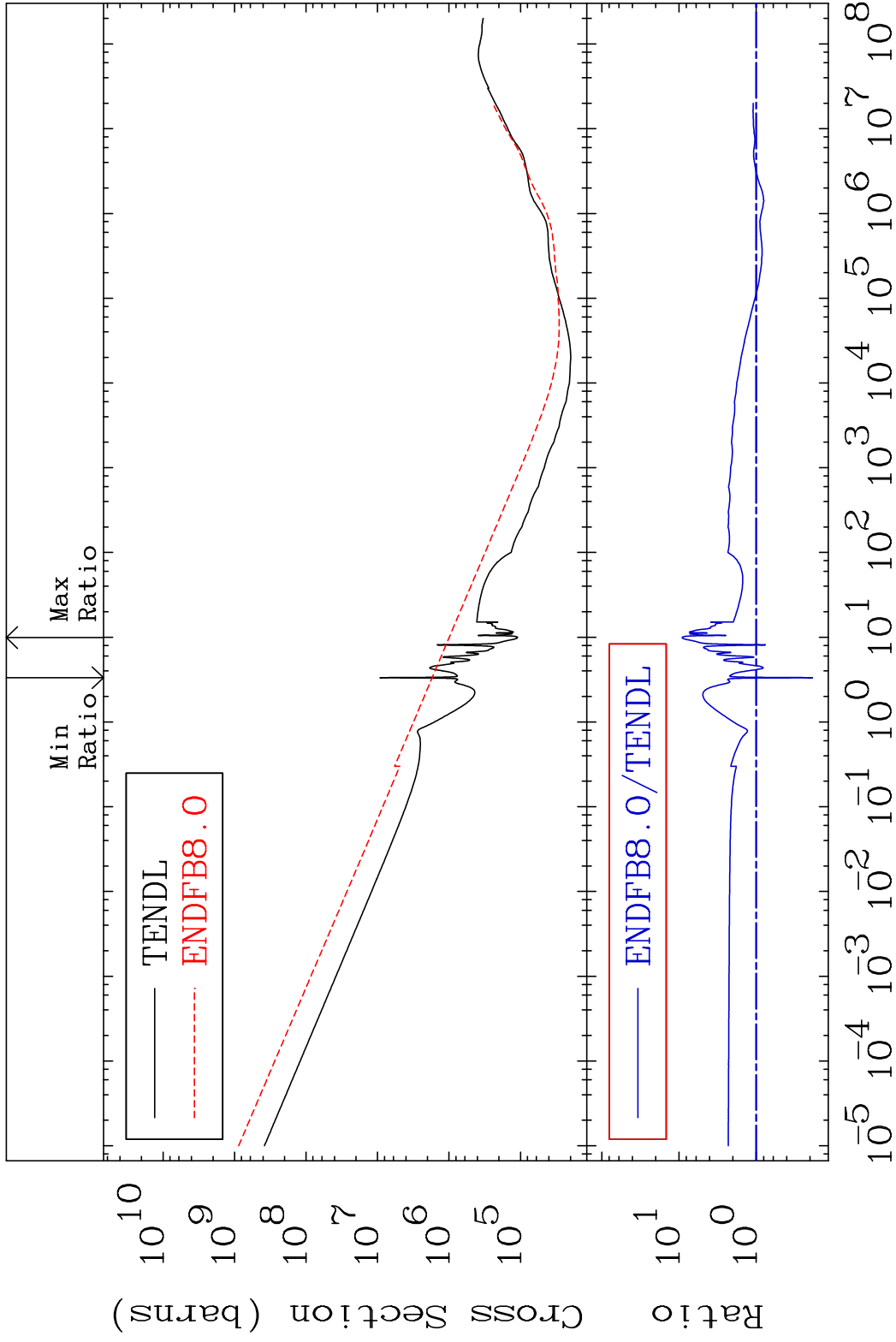


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -81.40 To 808.0 %



32

Incident Energy (eV)

94-Pu-237

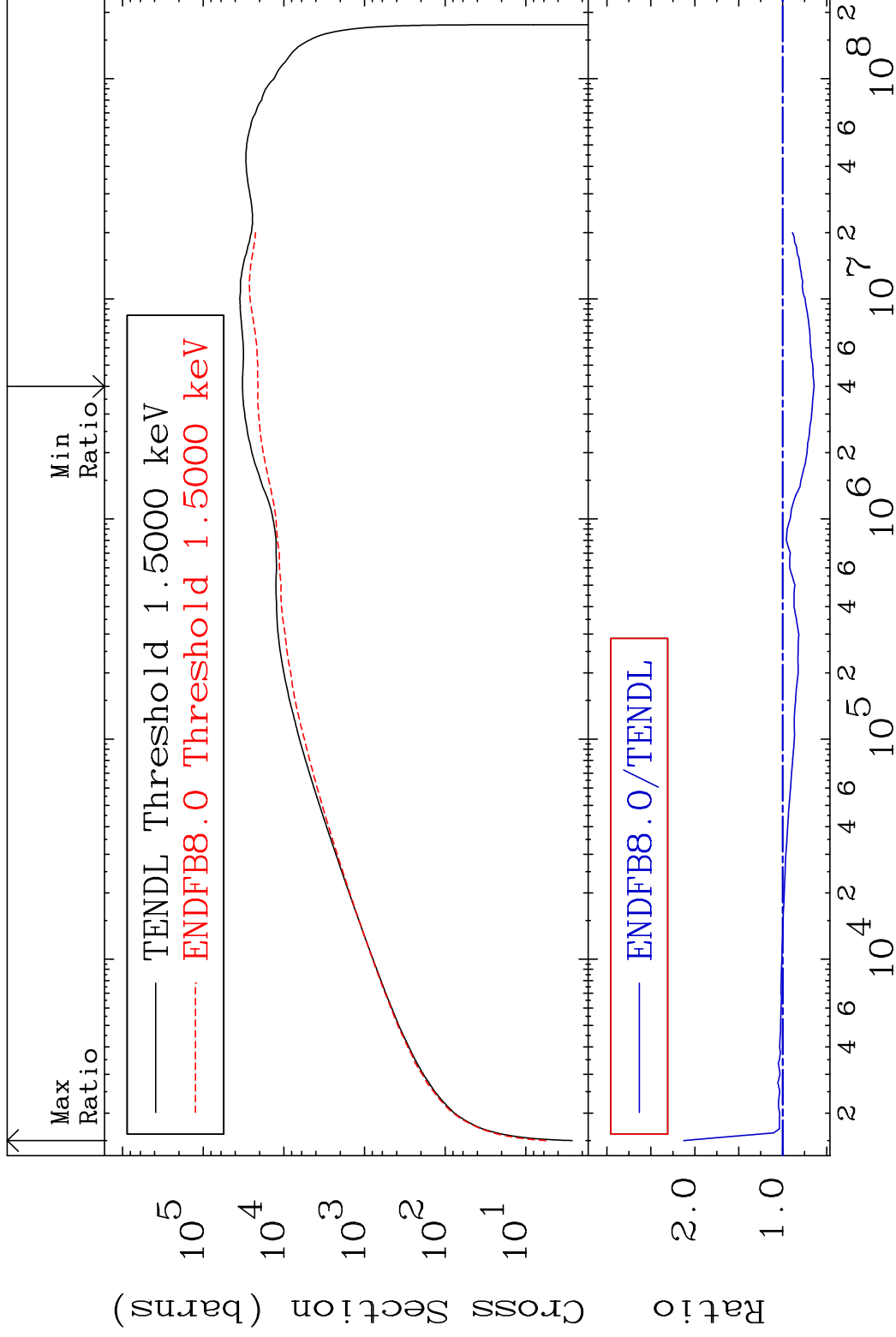
MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section

-35.76 To 112.7 %

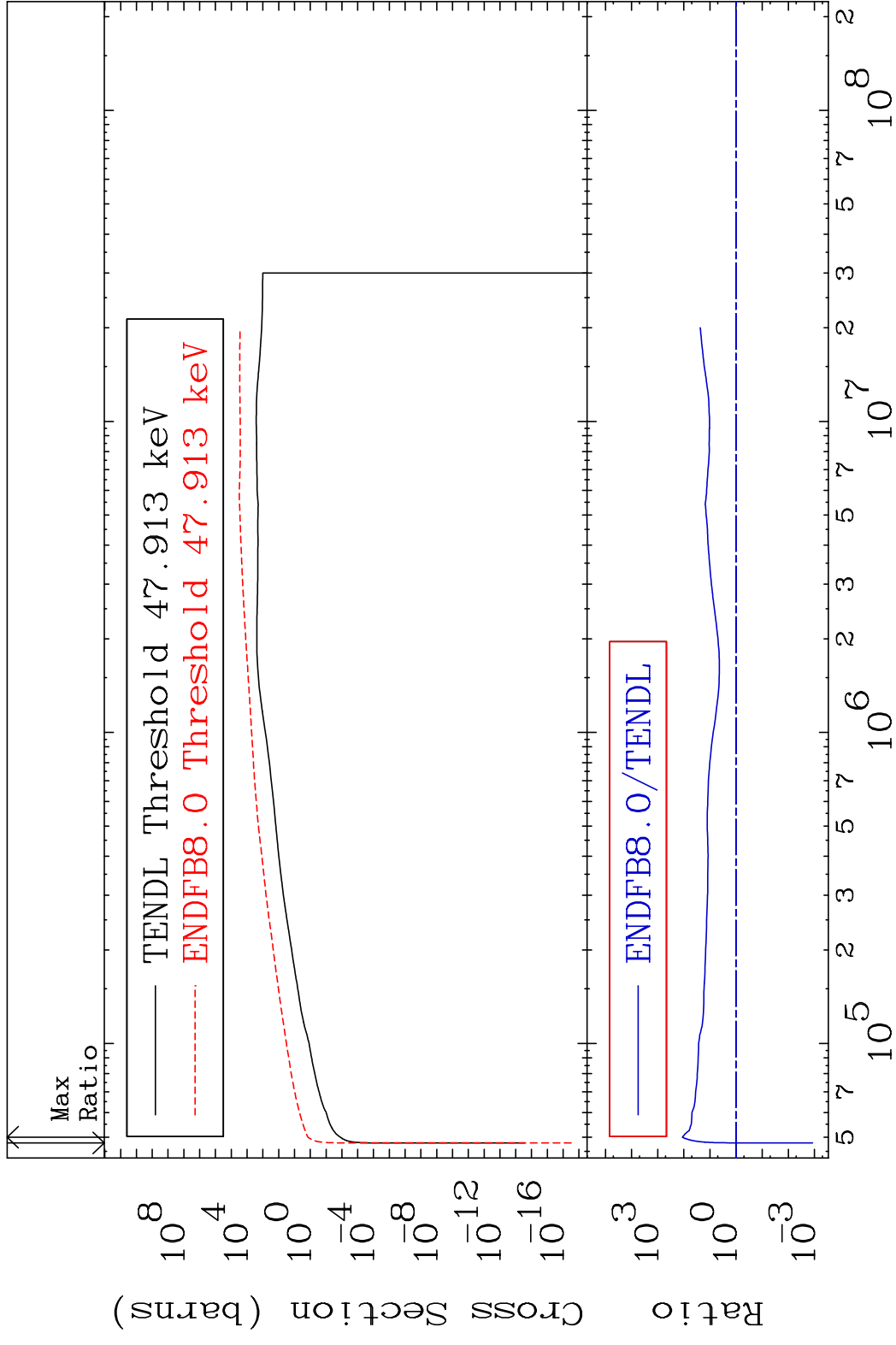


33

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. %

