

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

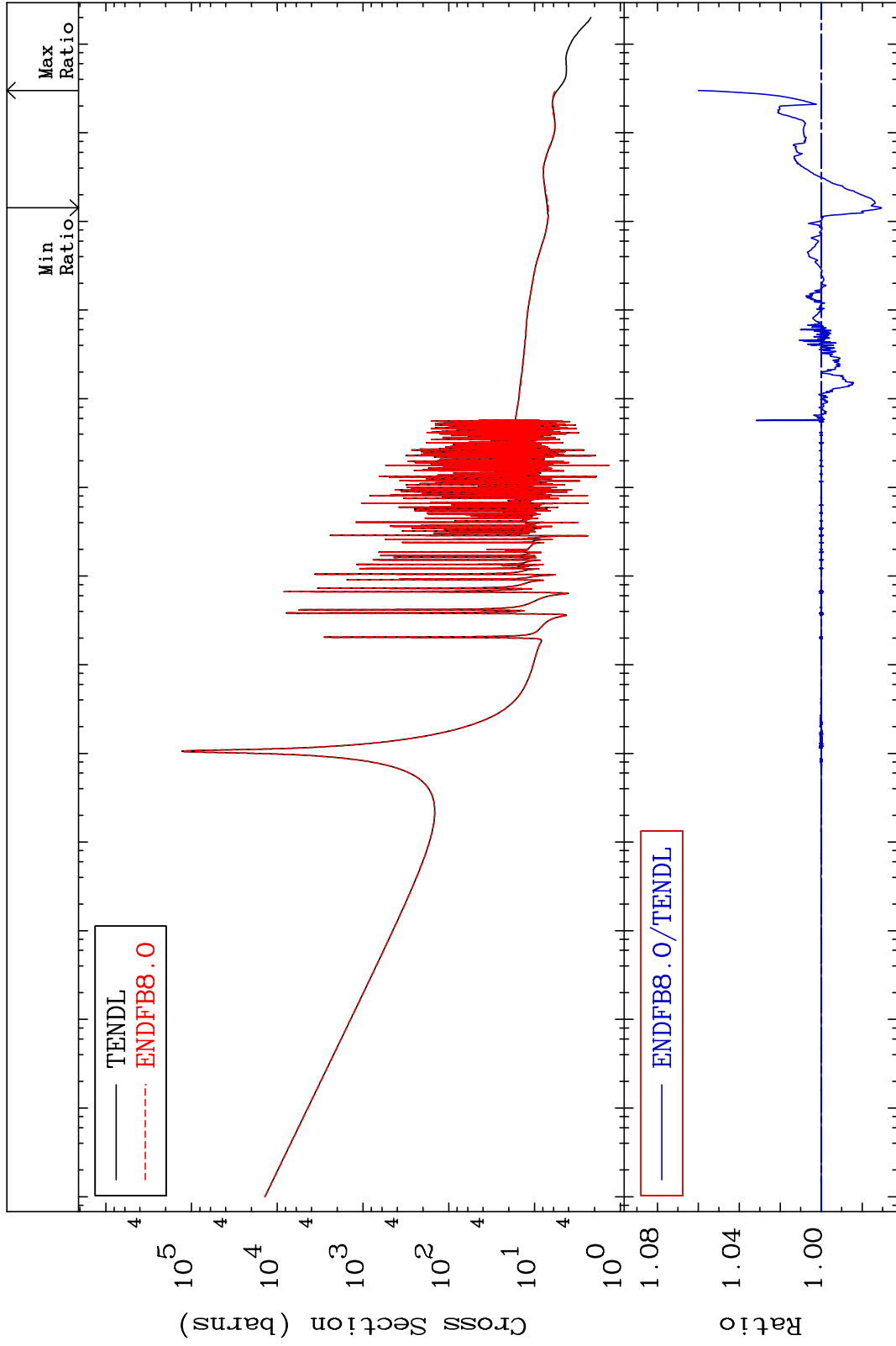
MAT 9440

Total

94-Pu-240

Cross Section

-2.948 To 6.000 %



Incident Energy (eV)

94-Pu-240

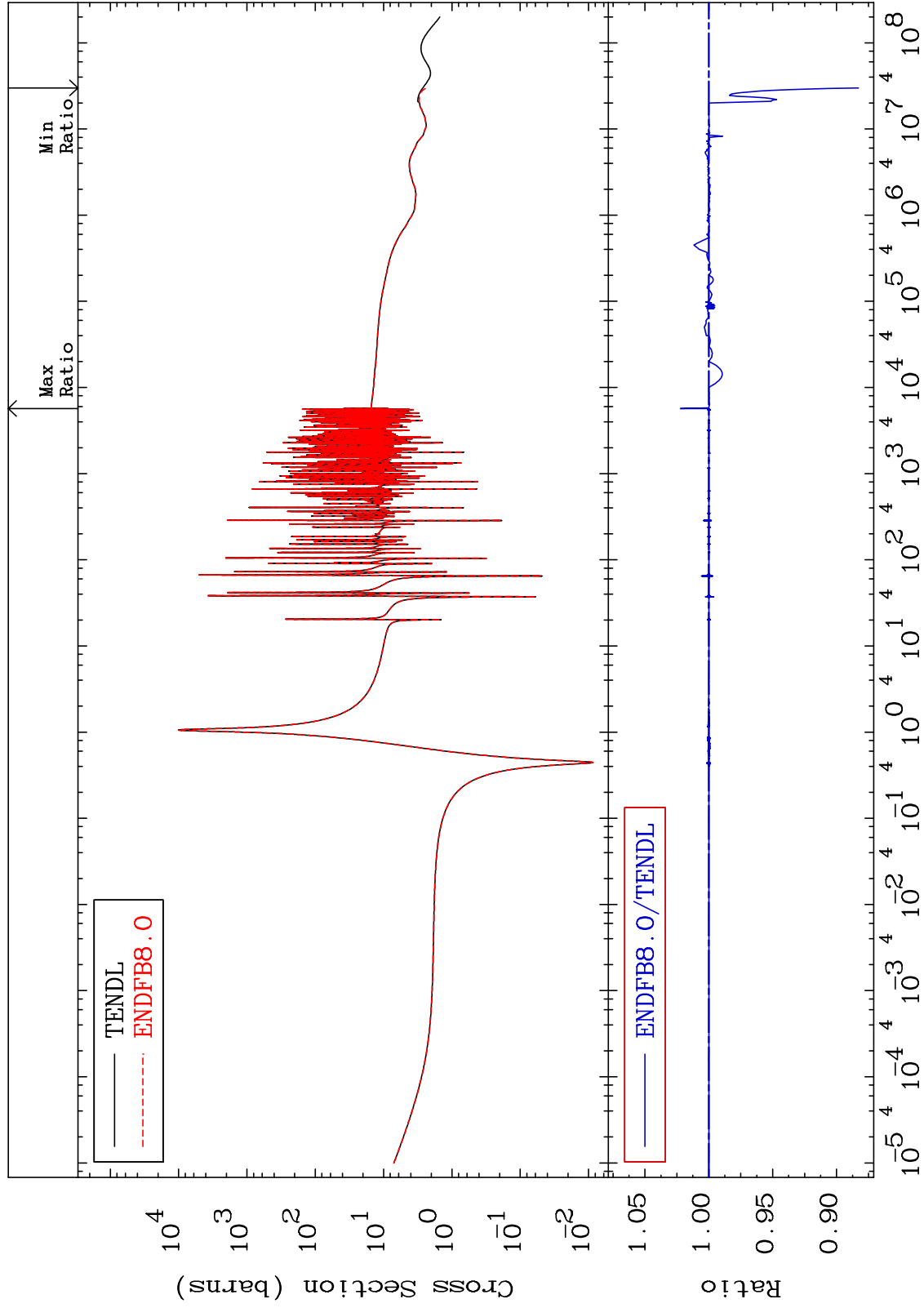
MAT 9440

Elastic

Cross Section

94-Pu-240

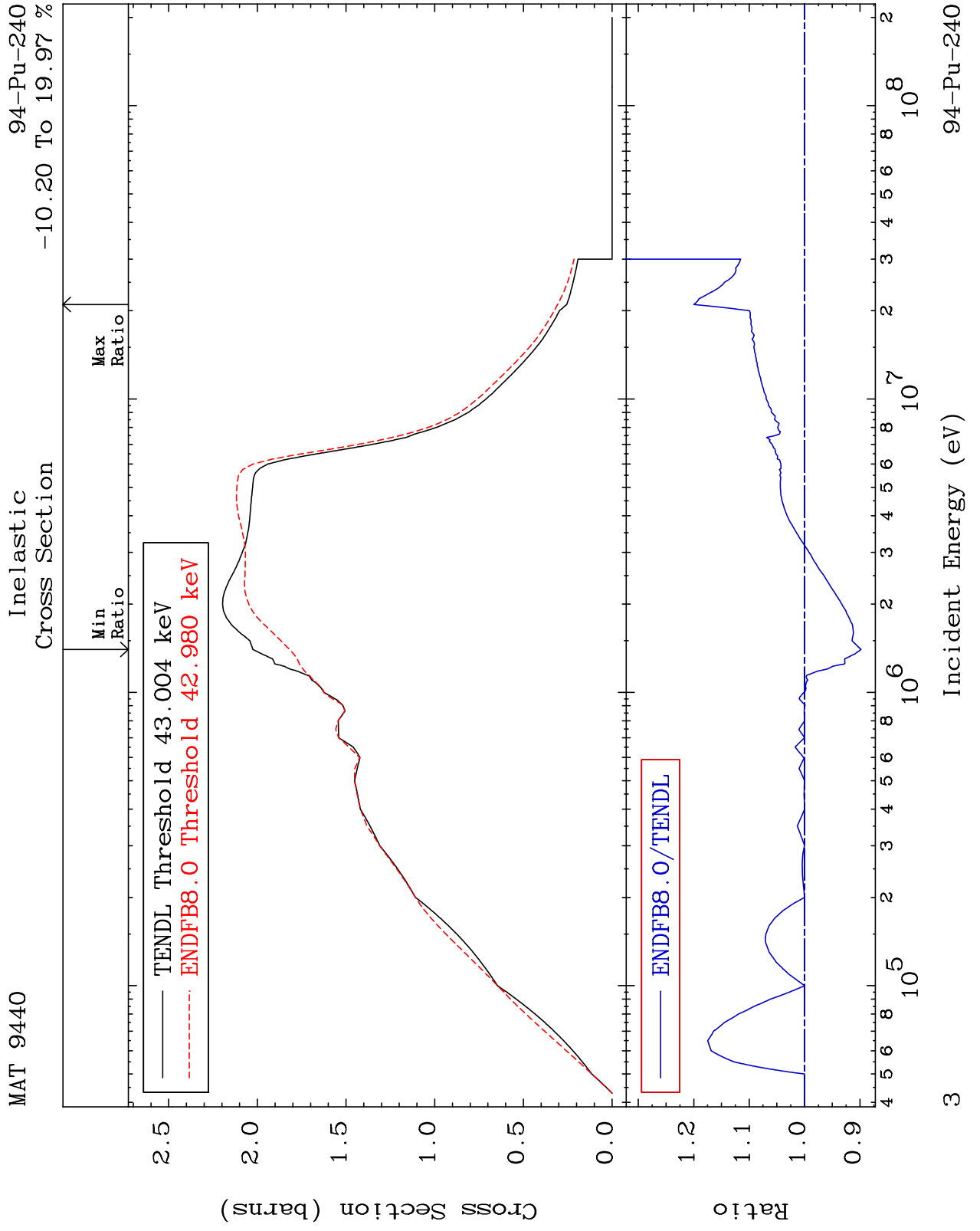
-11.72 To 2.222 %



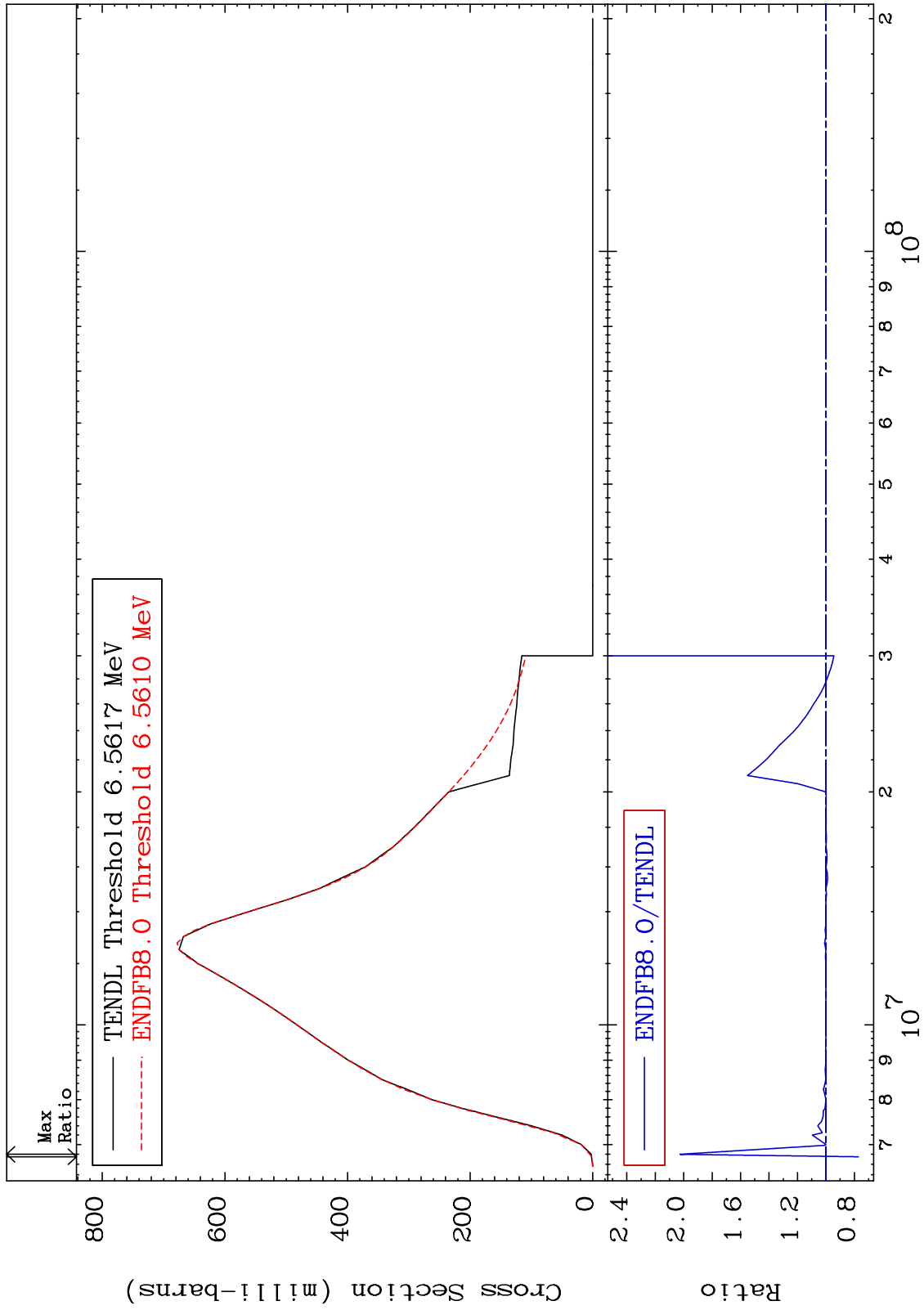
2

94-Pu-240

94-Pu-240



MAT 9440 (n,2n) Cross Section 94-Pu-240 -22.84 To 102.6 %



4 Incident Energy (eV) 94-Pu-240

MAT 9440

(n, 3n)

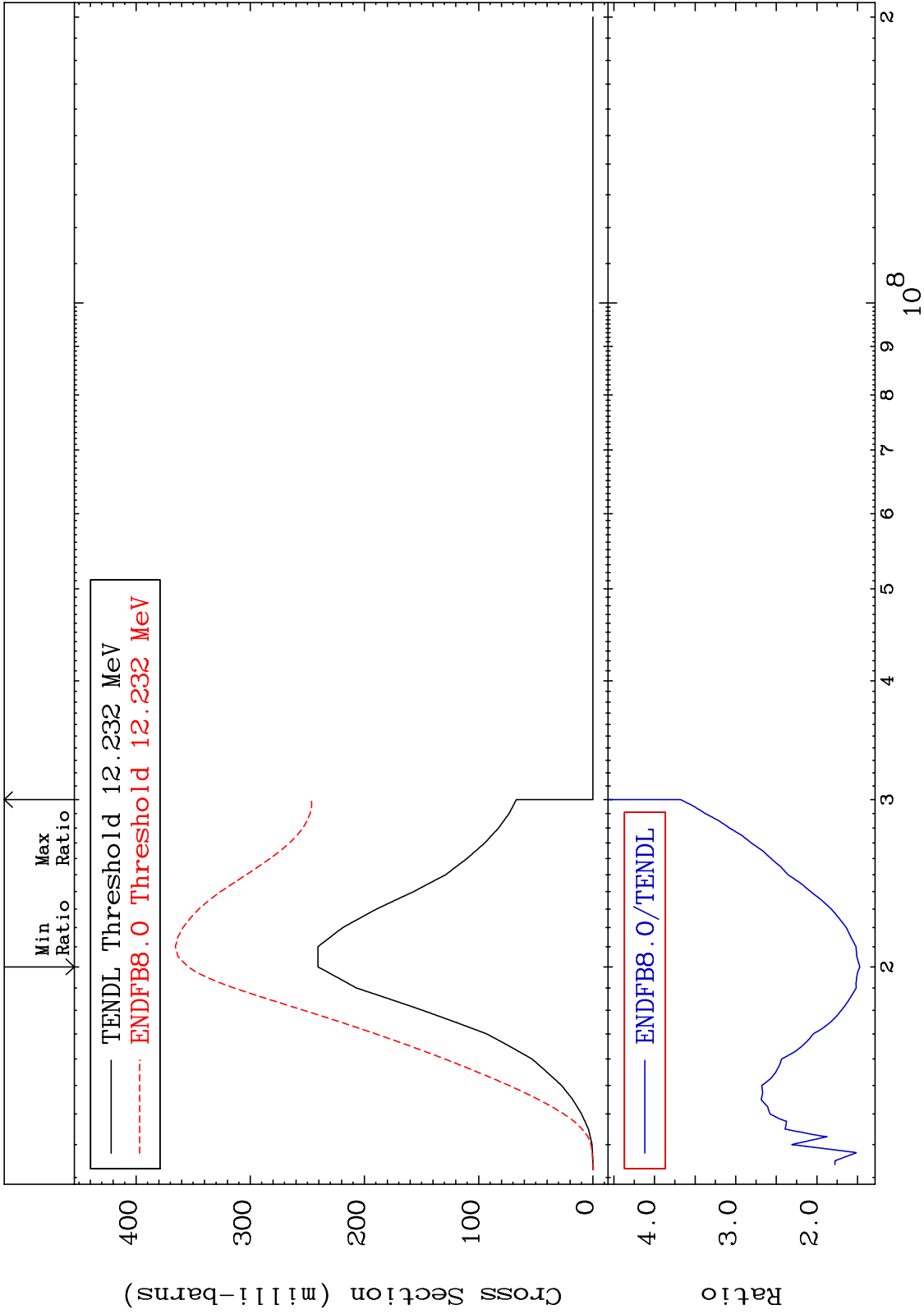
94-Pu-240

Cross Section

Cross Section

47.21

To 267.9 %



Incident Energy (eV)

94-Pu-240

5

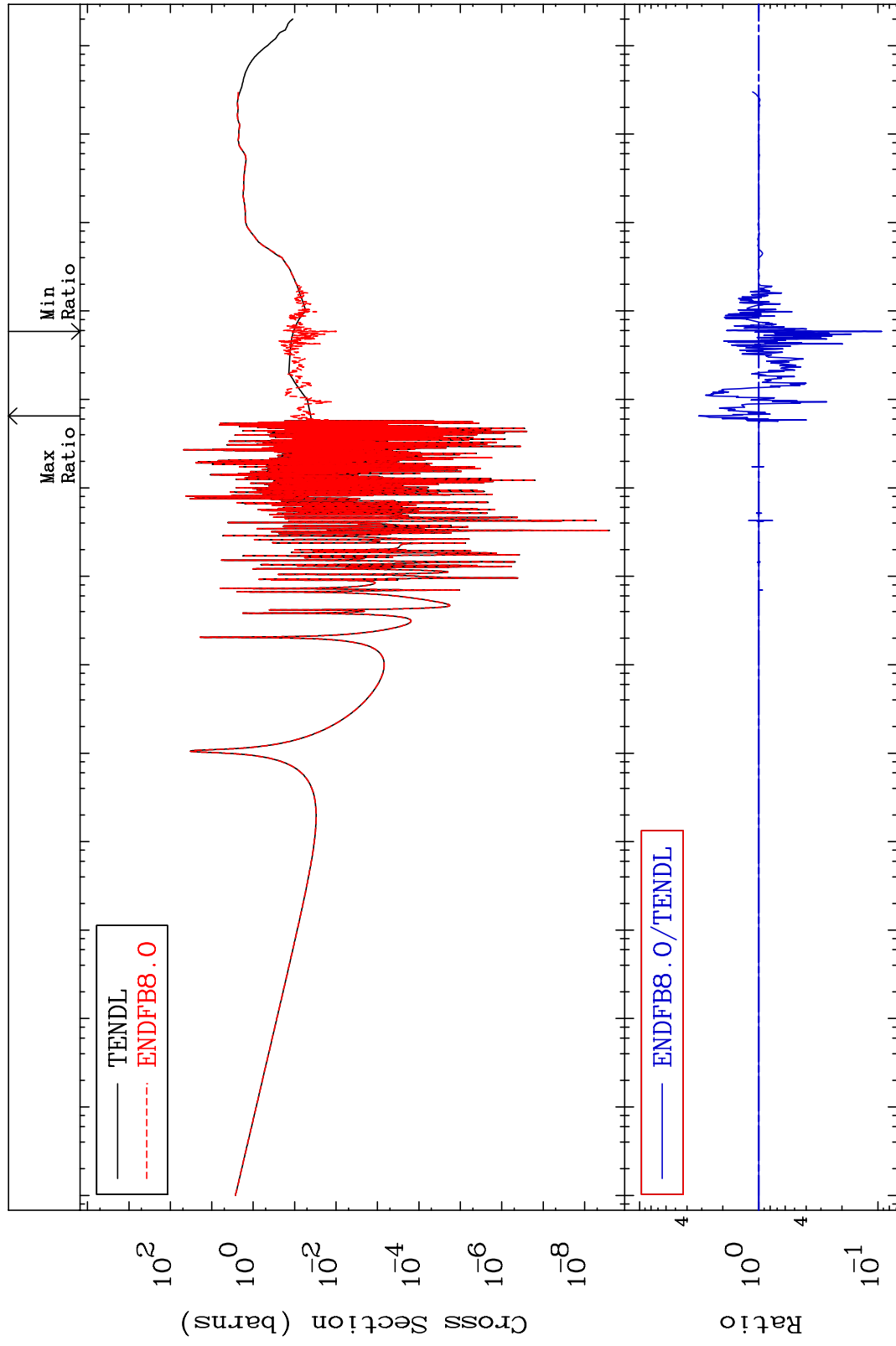
MAT 9440

Fission

94-Pu-240

Cross Section

-90.69 To 218.9 %



6

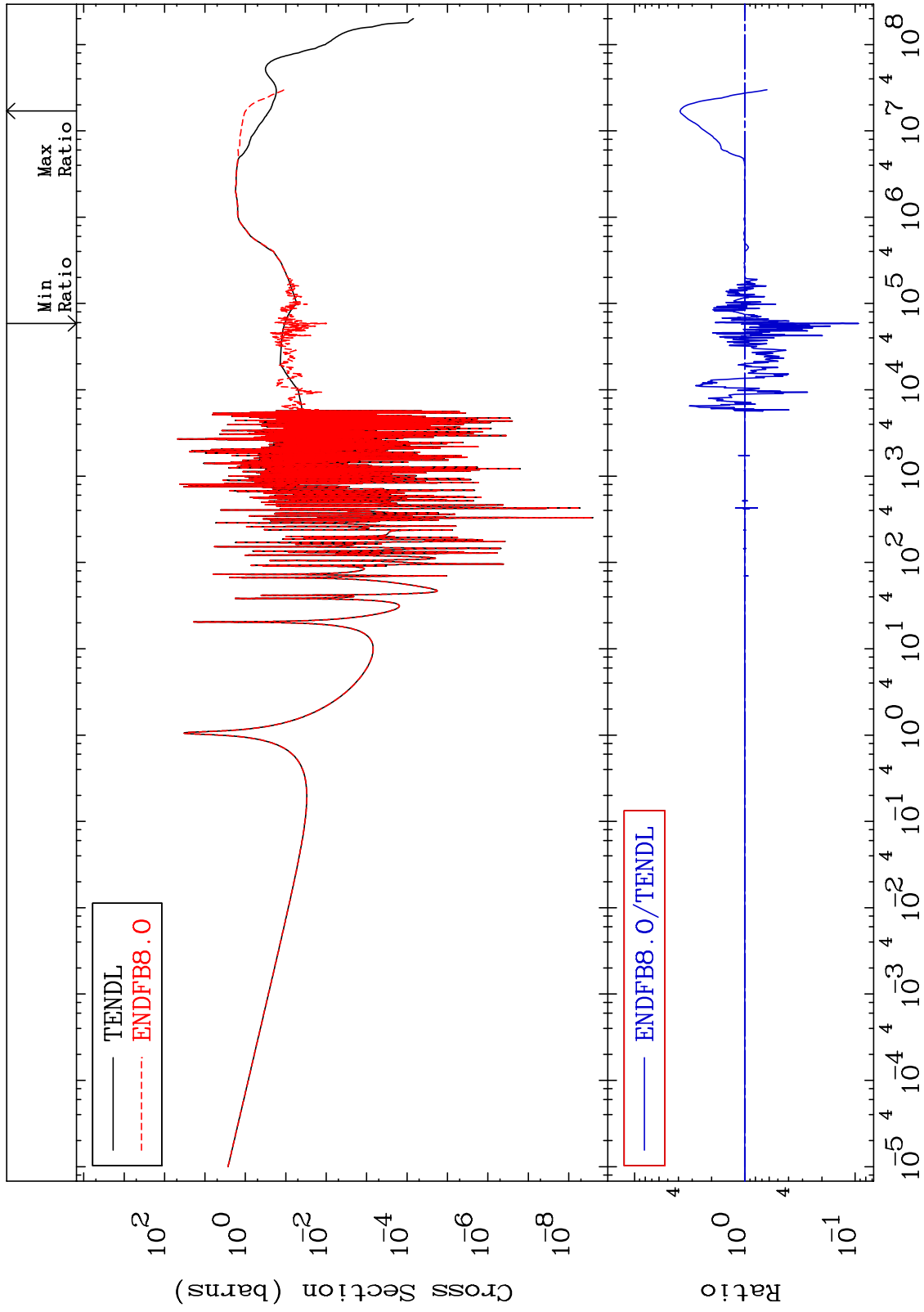
Incident Energy (eV)

94-Pu-240

MAT 9440

(n,f) First Chance
Cross Section

94-Pu-240
-90.69 To 287.4 %



Incident Energy (eV)

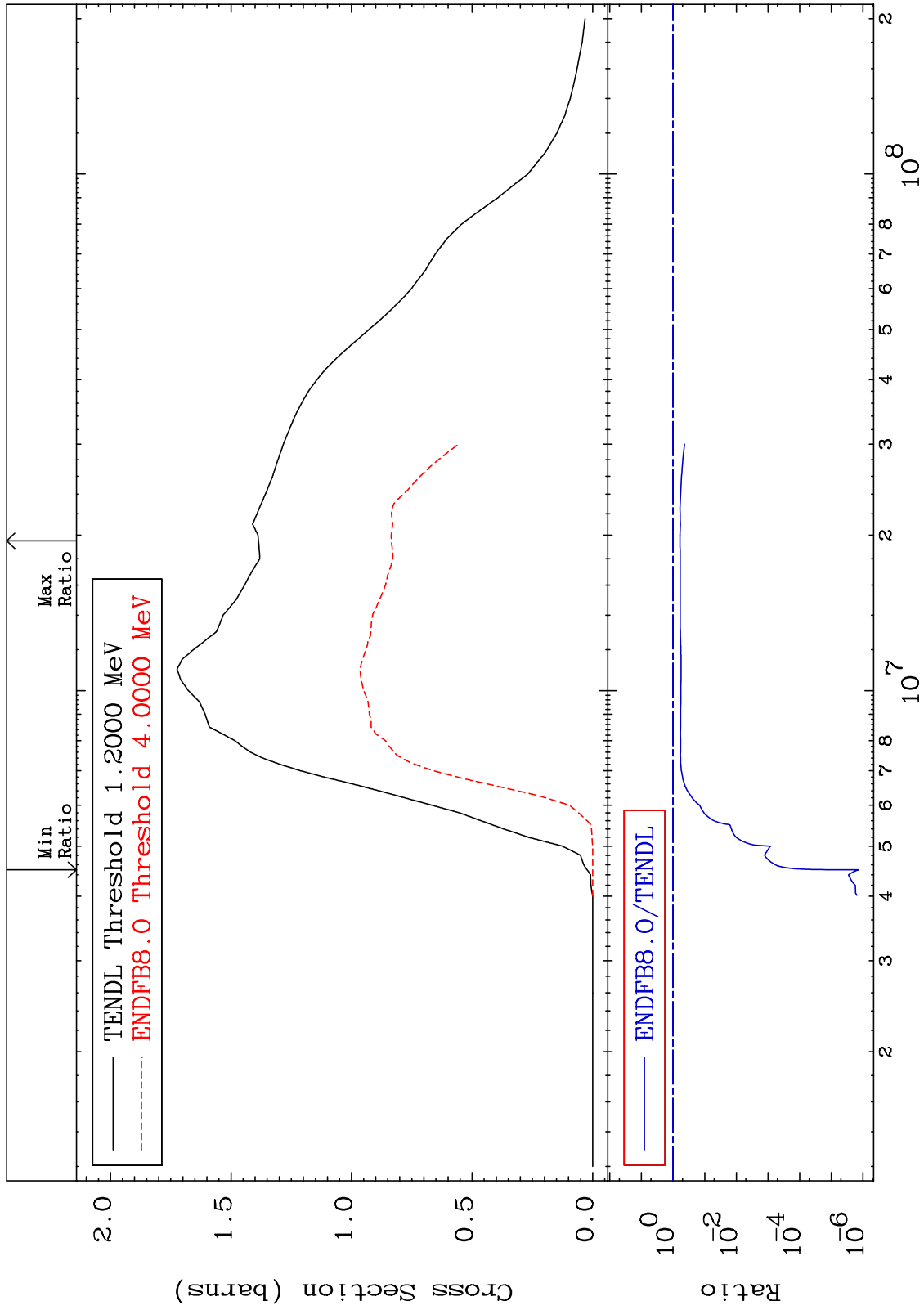
94-Pu-240

7

MAT 9440

(n, nf) Second Chance
Cross Section

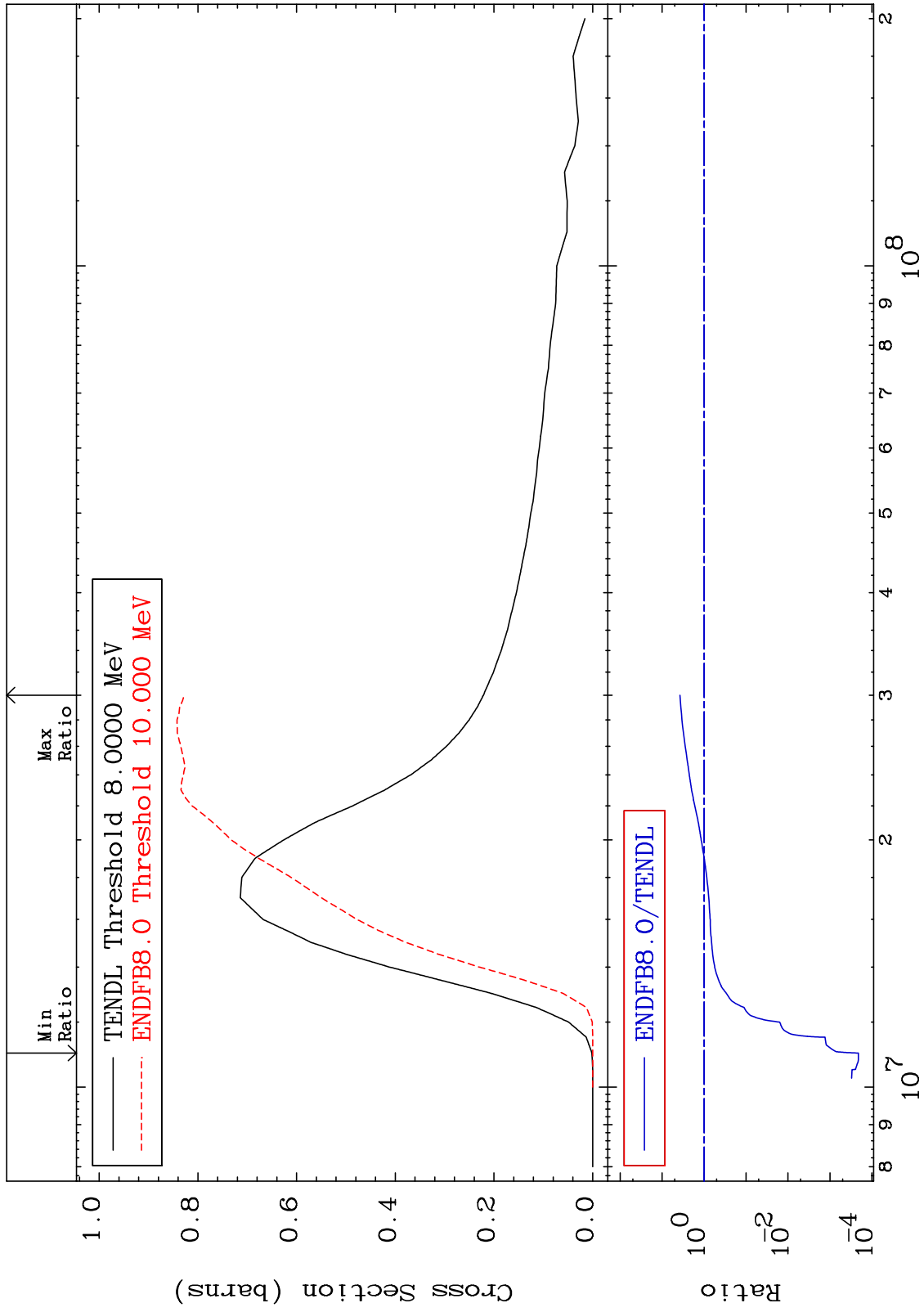
94-Pu-240
-100.0 To -39.75%



MAT 9440

(n,2nf) Third Chance
Cross Section

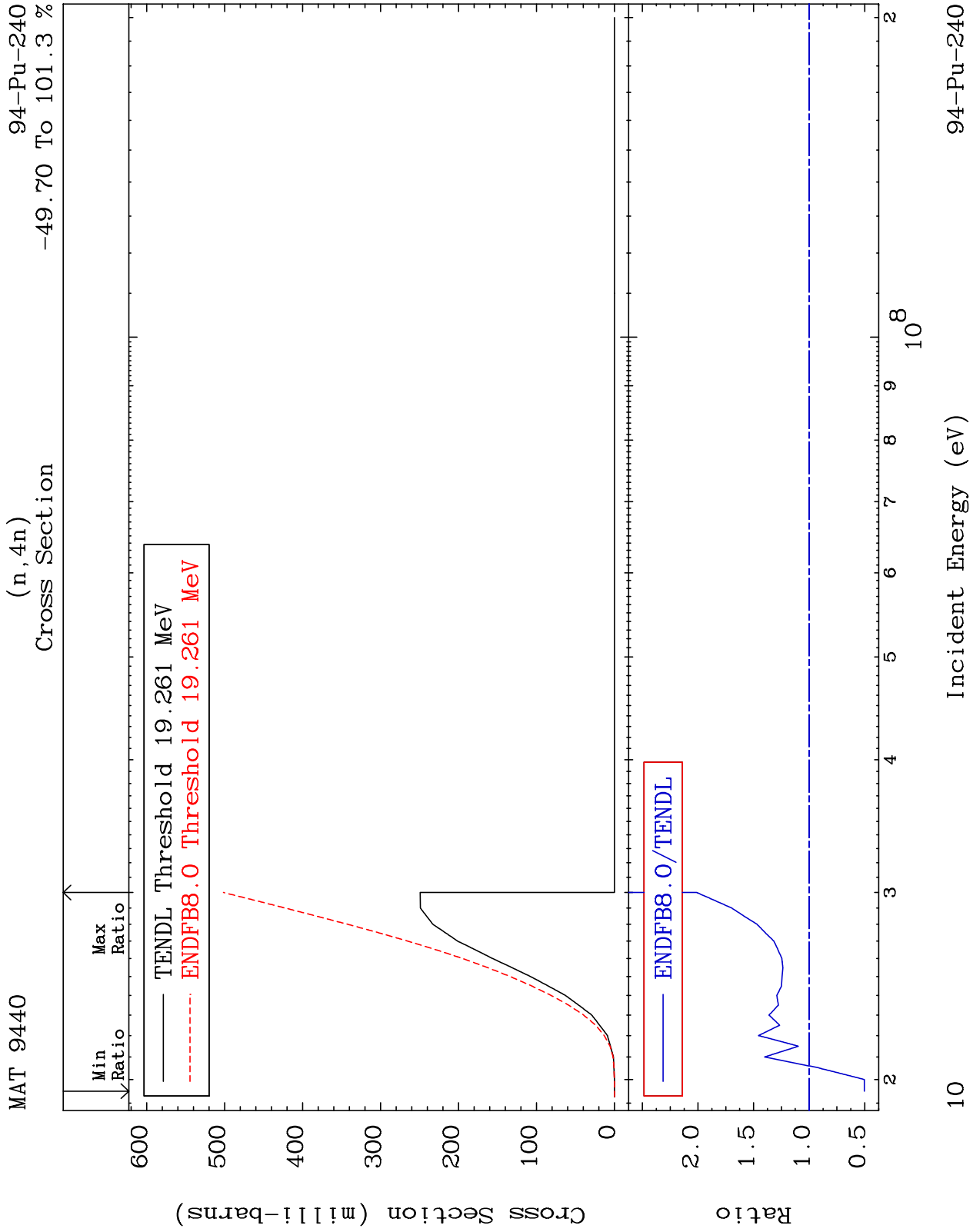
94-Pu-240
-99.98 To 273.8 %



9

Incident Energy (eV)

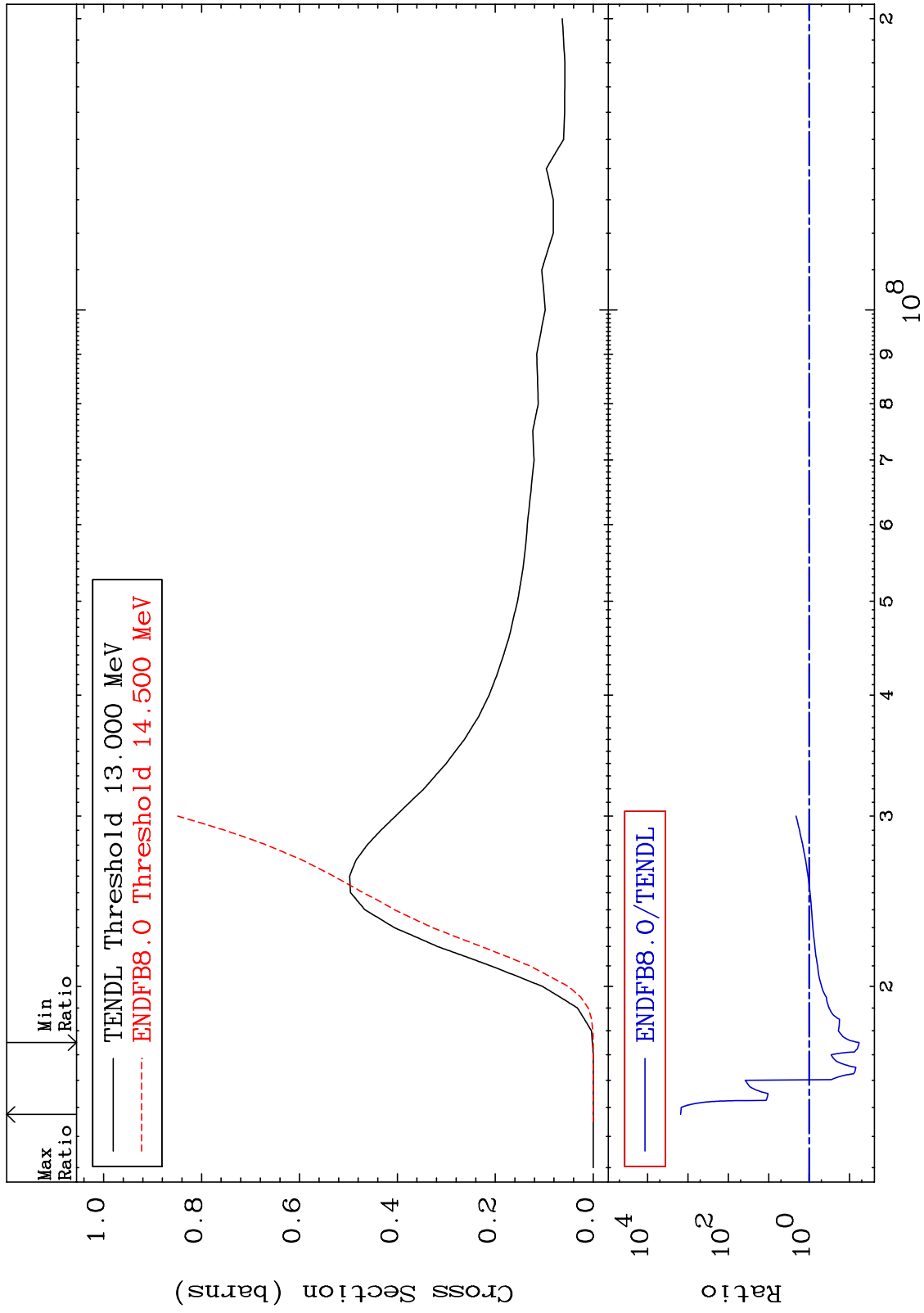
94-Pu-240



MAT 9440

(n,3nf) Fourth Chance
Cross Section

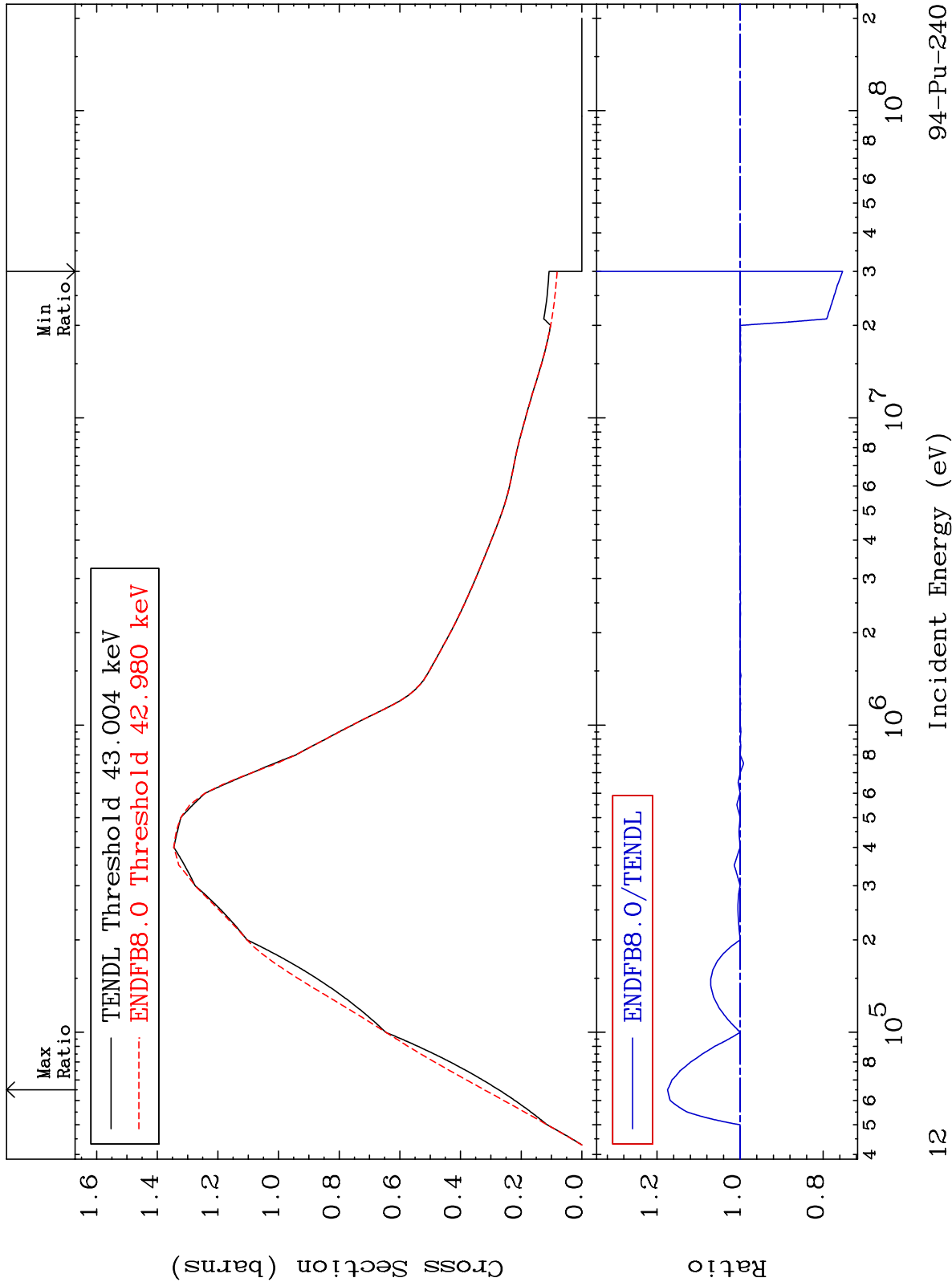
94-Pu-240
-94.22 To 9999. %



MAT 9440

MT= 51 (n,n') Level
Cross Section

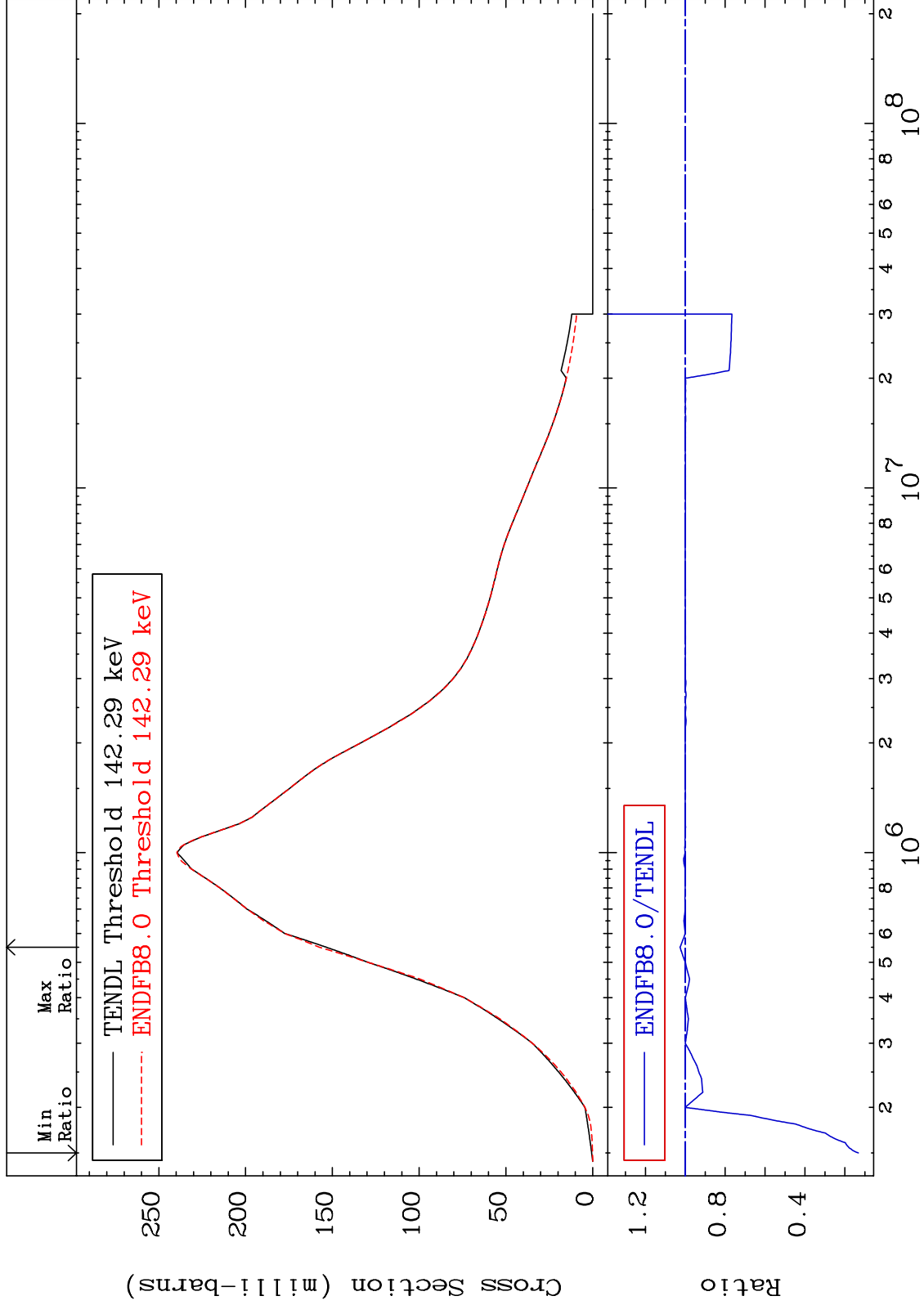
94-Pu-240
-24.69 To 17.48 %



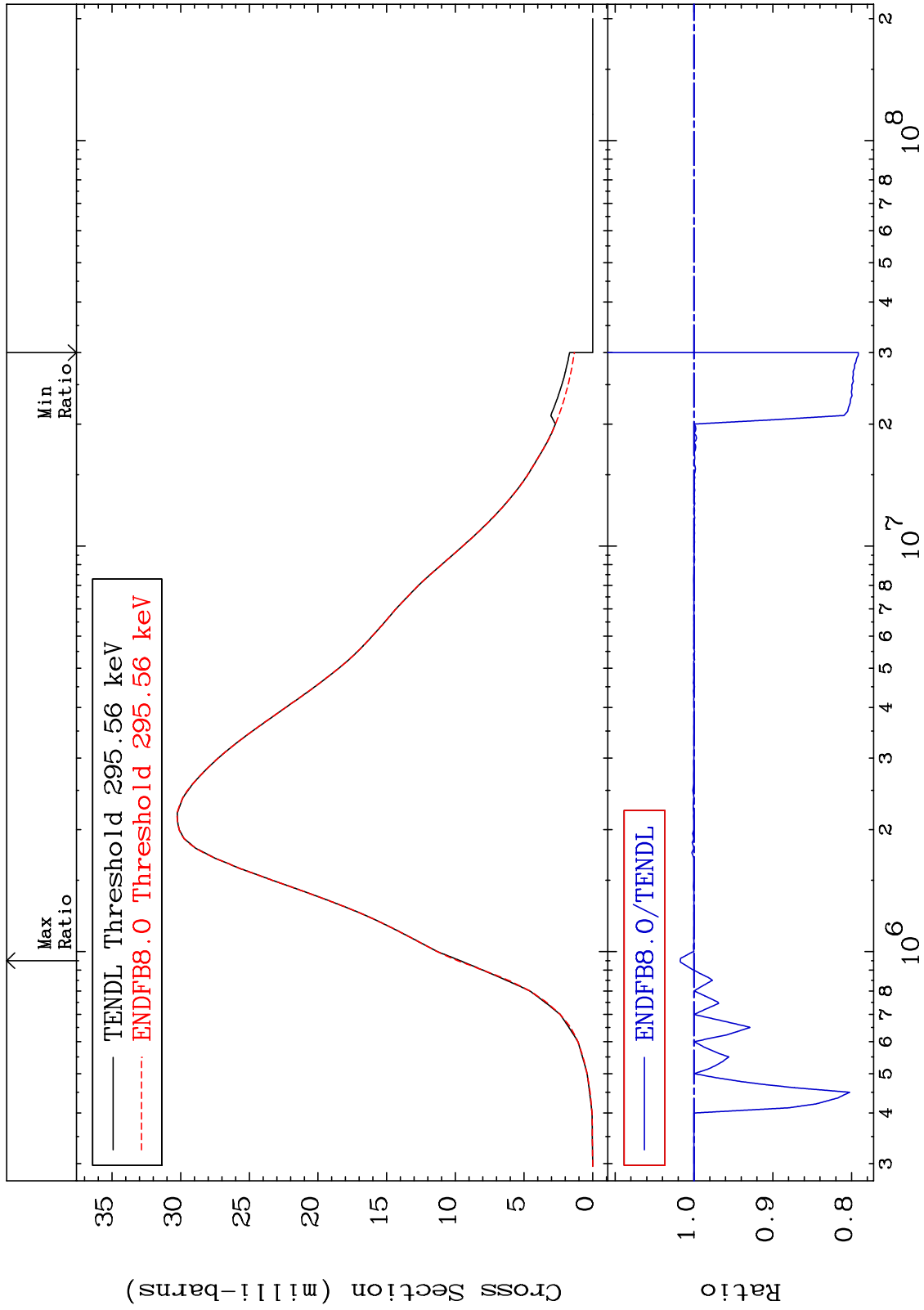
MAT 9440

MT= 52 (n,n') Level
Cross Section

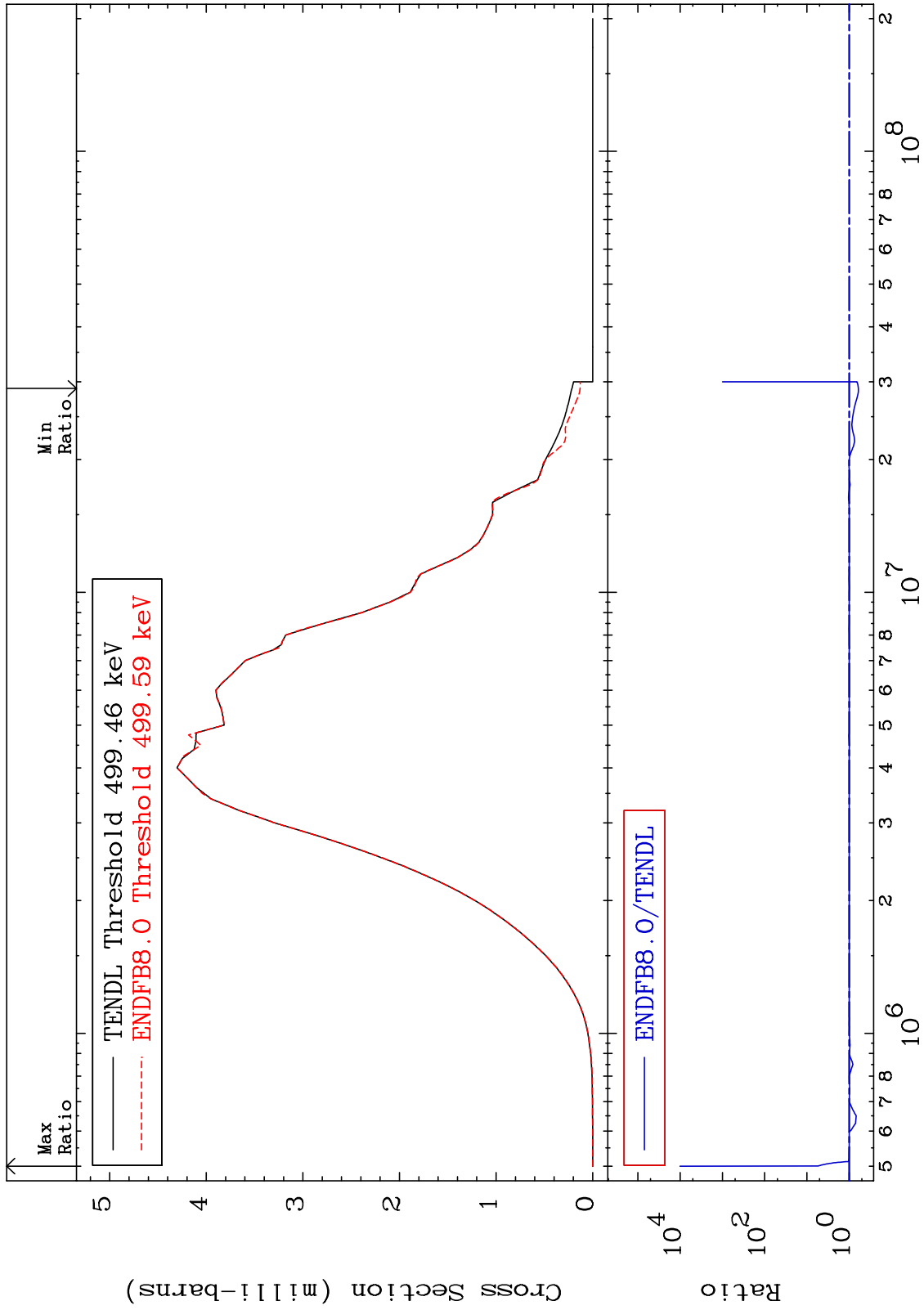
94-Pu-240
-86.79 To 2.638 %



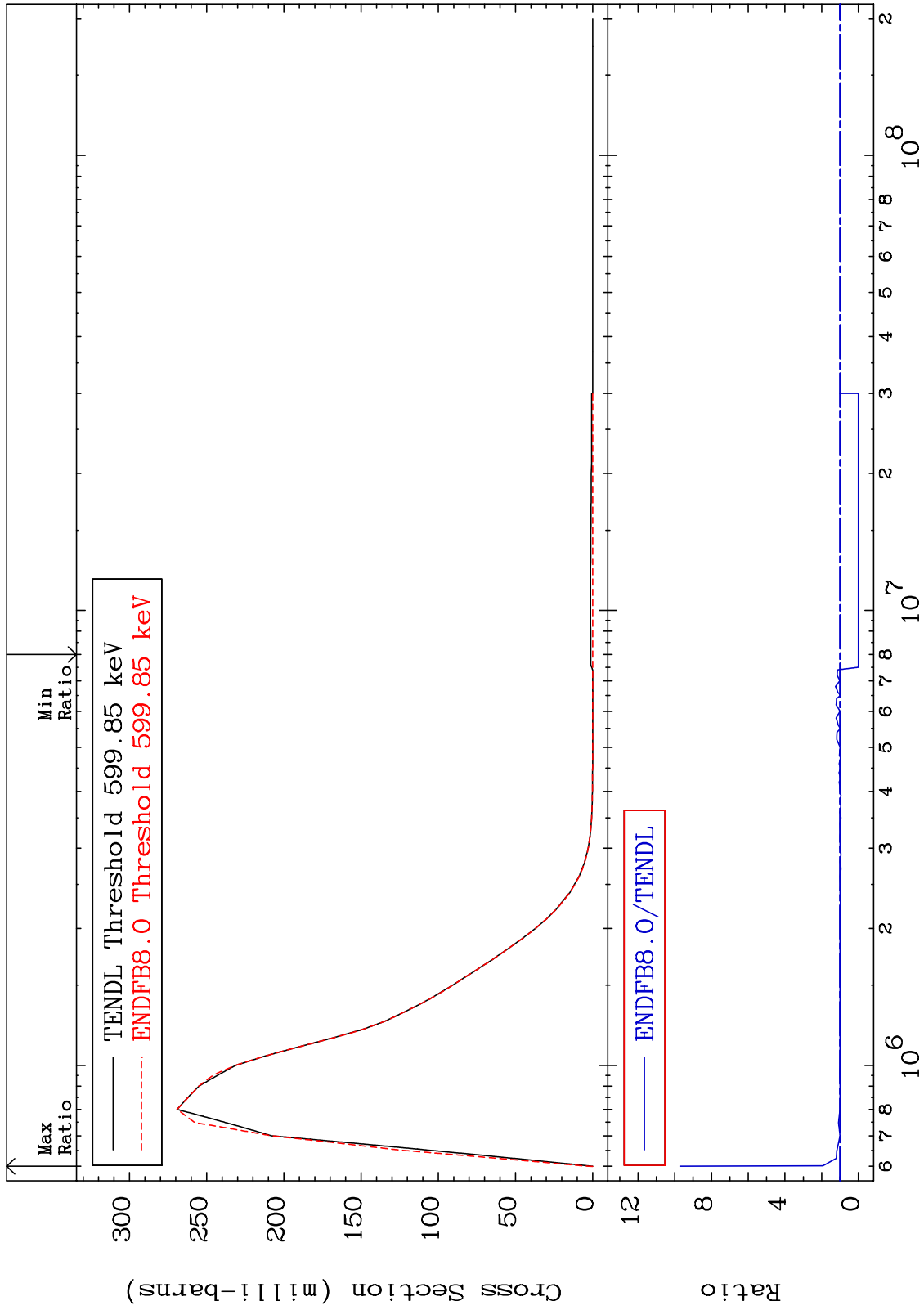
MAT 9440 MT= 53 (n,n') Level Cross Section 94-Pu-240
 -20.87 To 1.774 %



MAT 9440 MT= 54 (n,n') Level 94-Pu-240
 Cross Section -39.52 To 9999. %



MAT 9440 MT= 55 (n,n') Level 94-Pu-240
Cross Section -100.0 To 871.4 %

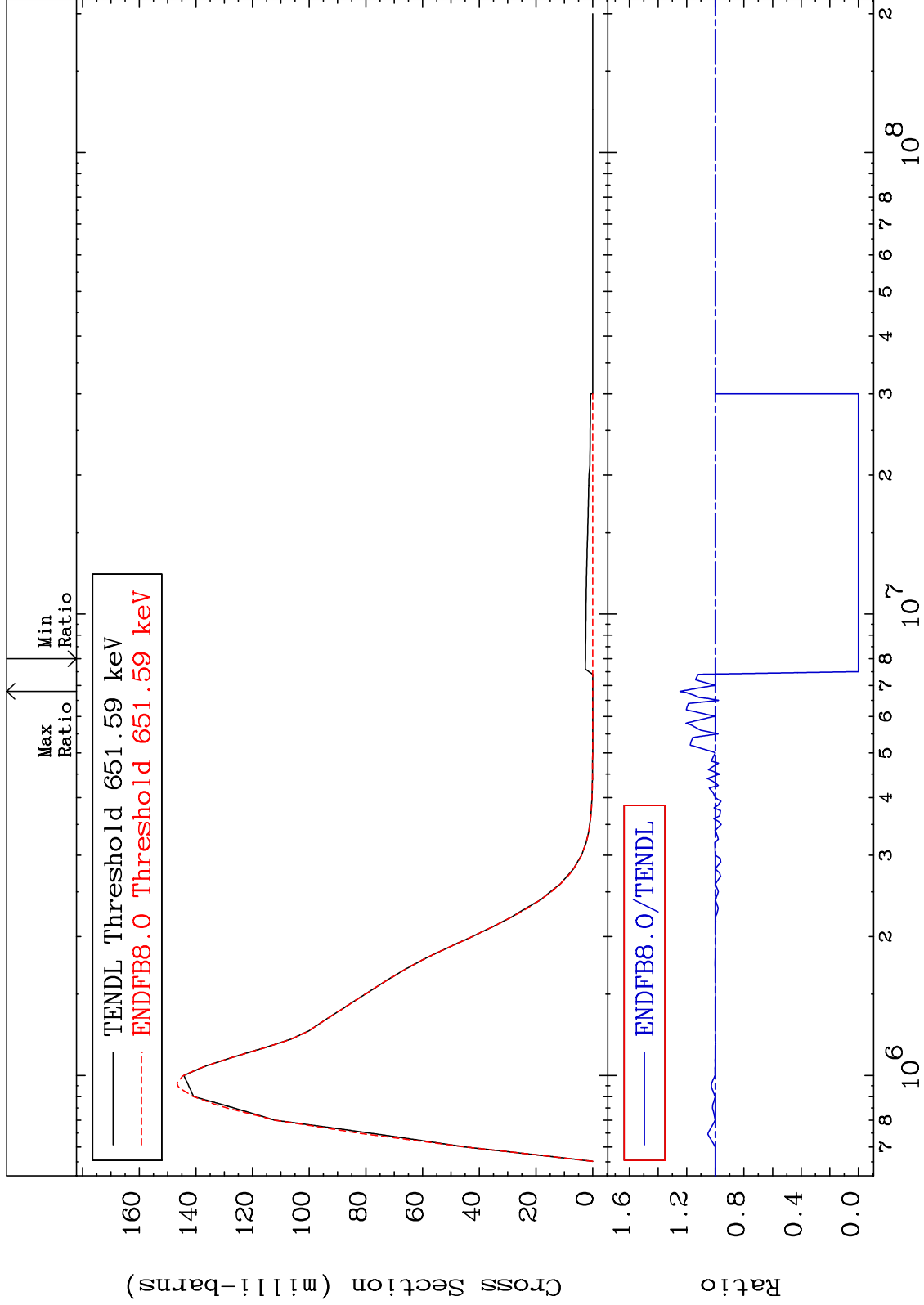


16 94-Pu-240

MAT 9440

MT= 56 (n,n') Level
Cross Section

94-Pu-240
-100.0 To 24.65 %



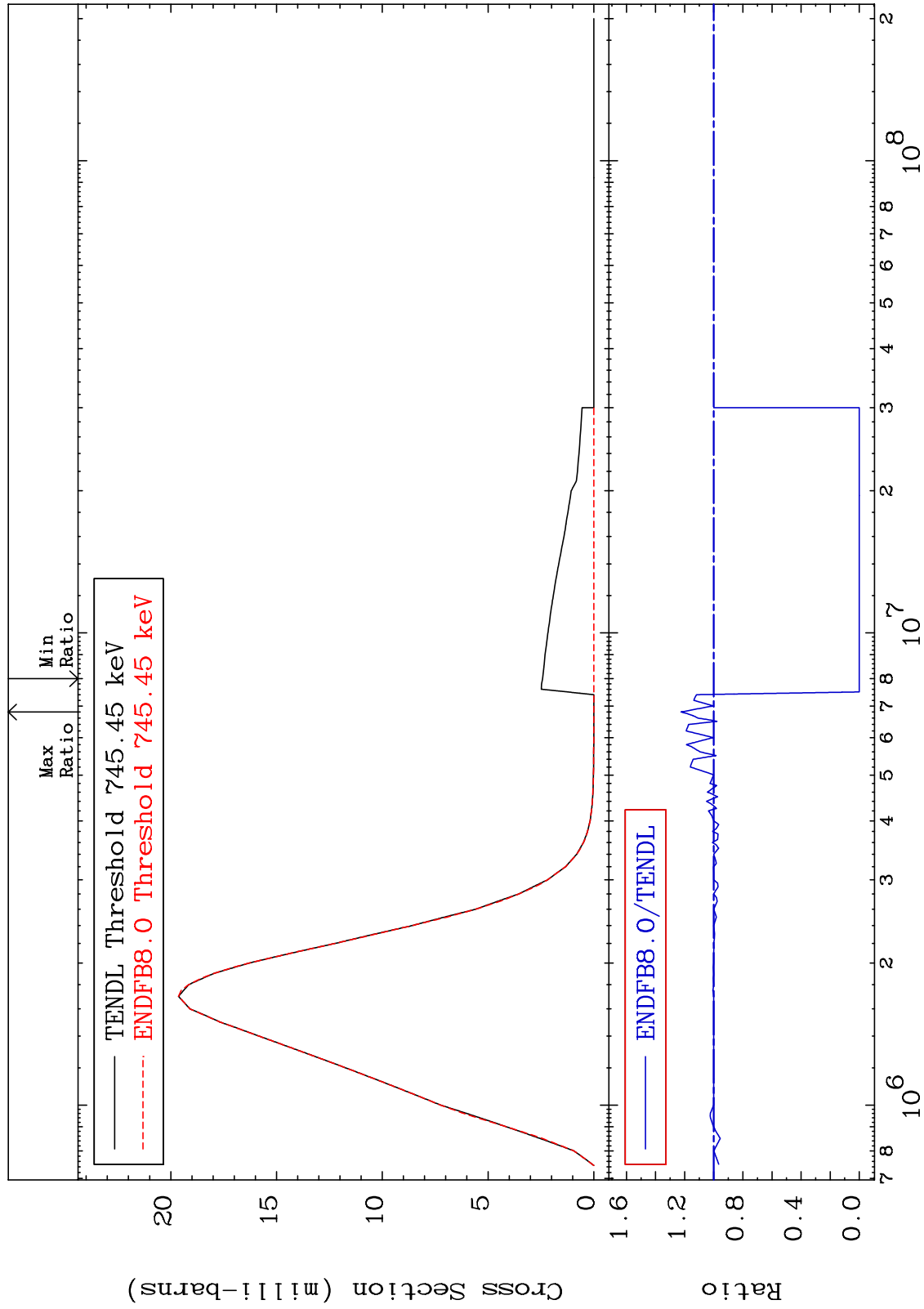
MAT 9440

MT= 57 (n,n') Level

94-Pu-240

-100.0 To 22.48 %

Cross Section



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Incident Energy (eV)

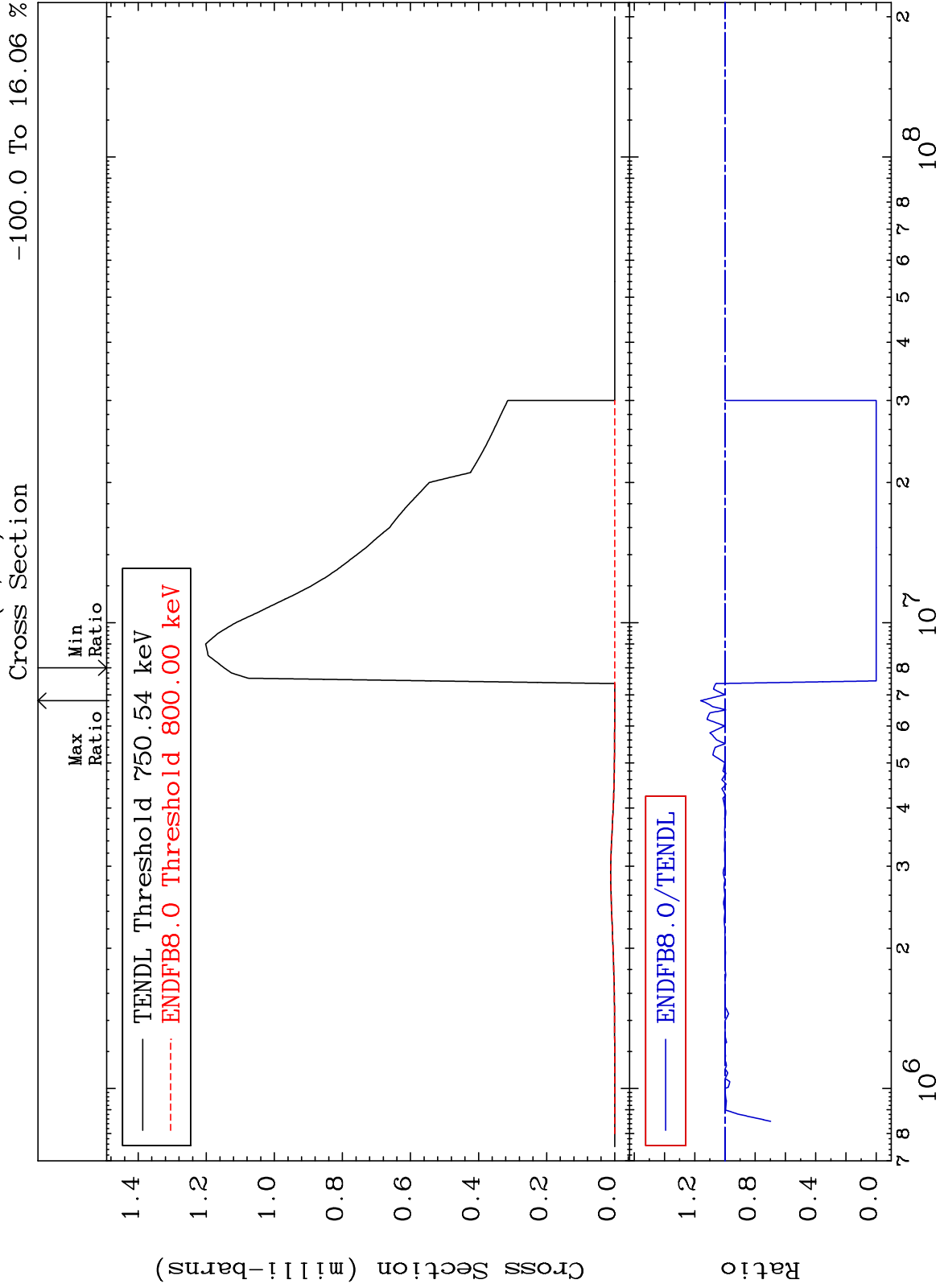
94-Pu-240

MAT 9440

MT= 58 (n,n') Level

94-Pu-240

-100.0 To 16.06 %



19

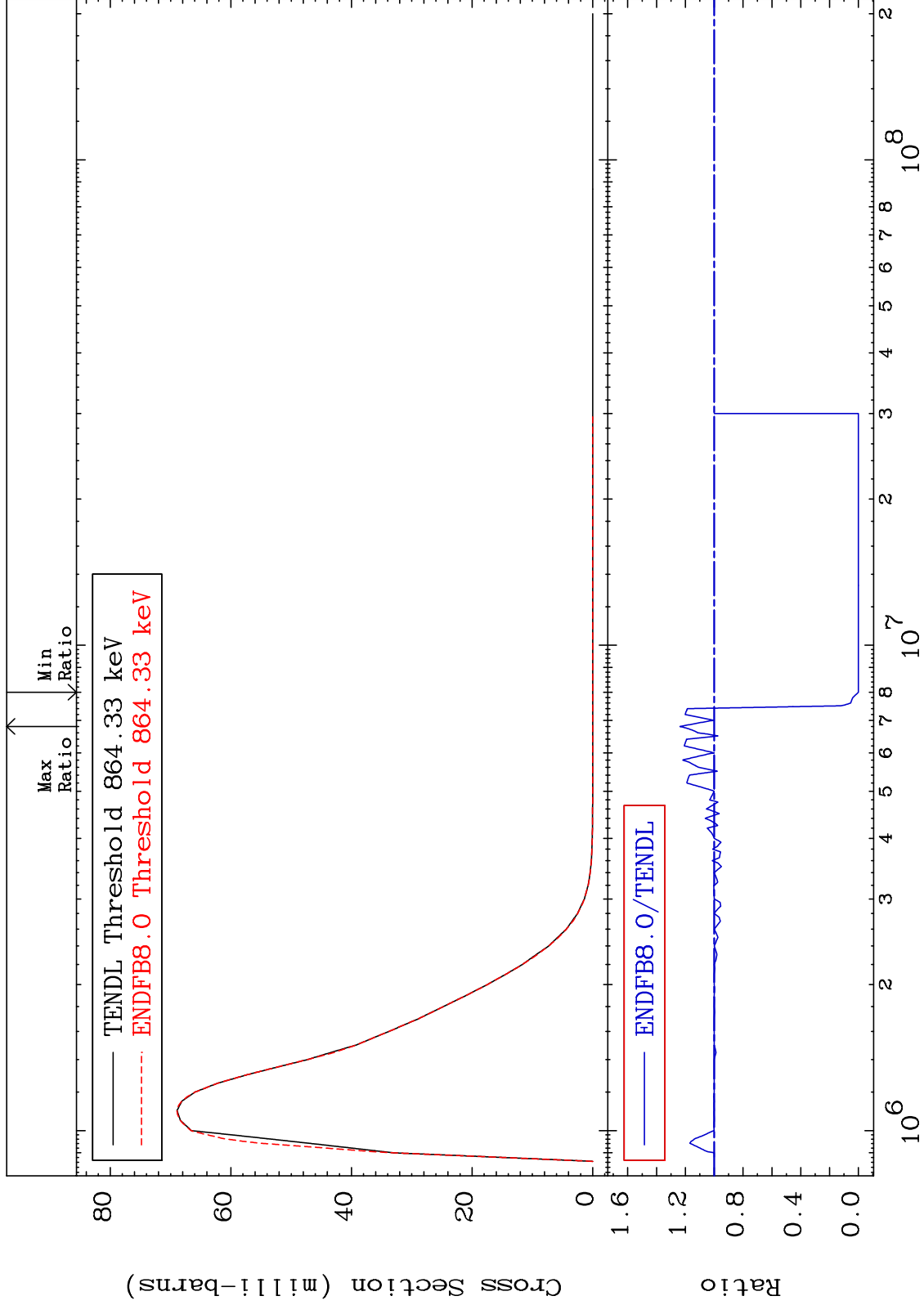
94-Pu-240

94-Pu-240

MAT 9440

MT= 59 (n,n') Level
Cross Section

94-Pu-240
-100.0 To 23.72 %

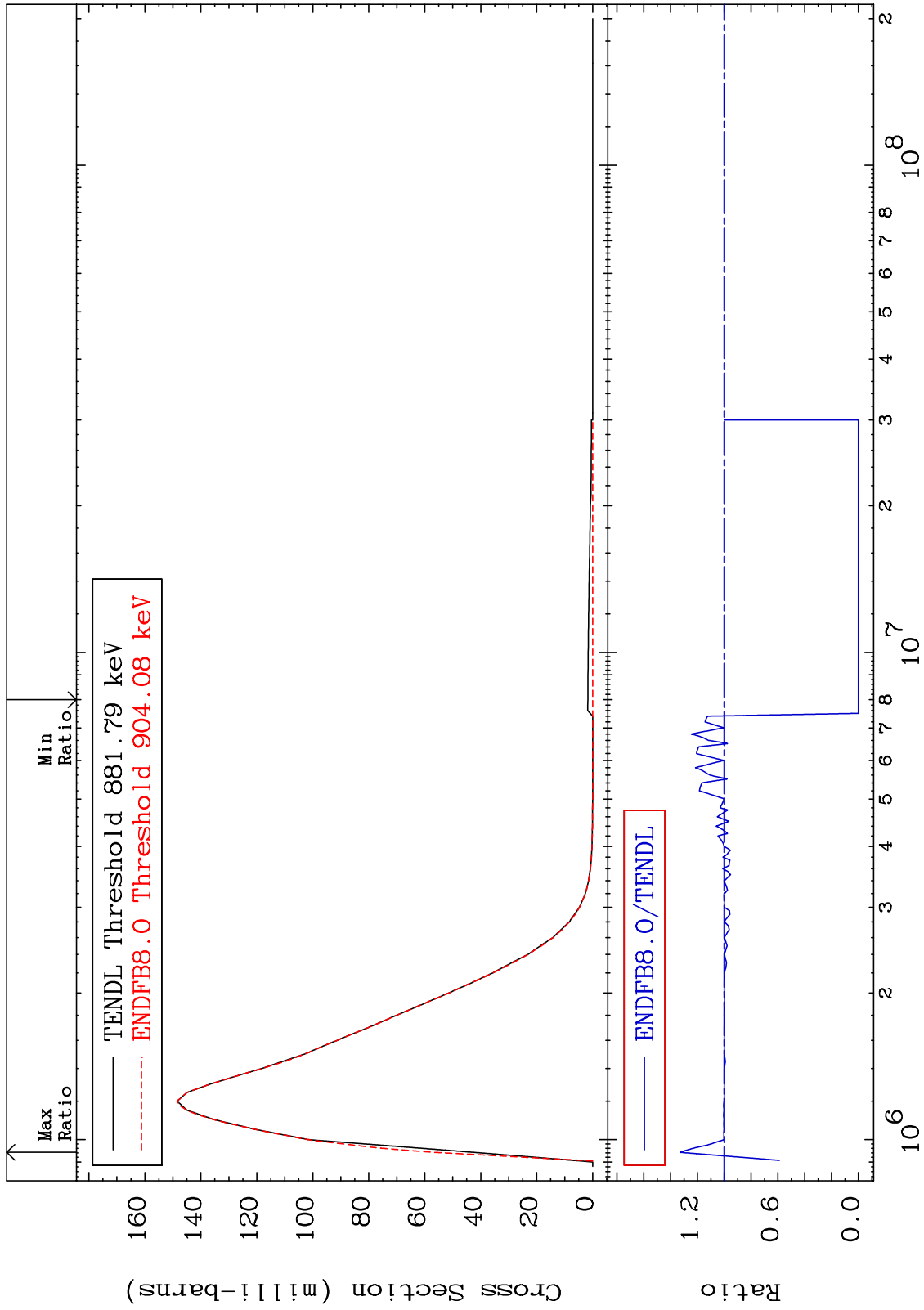


Incident Energy (eV)

94-Pu-240

20

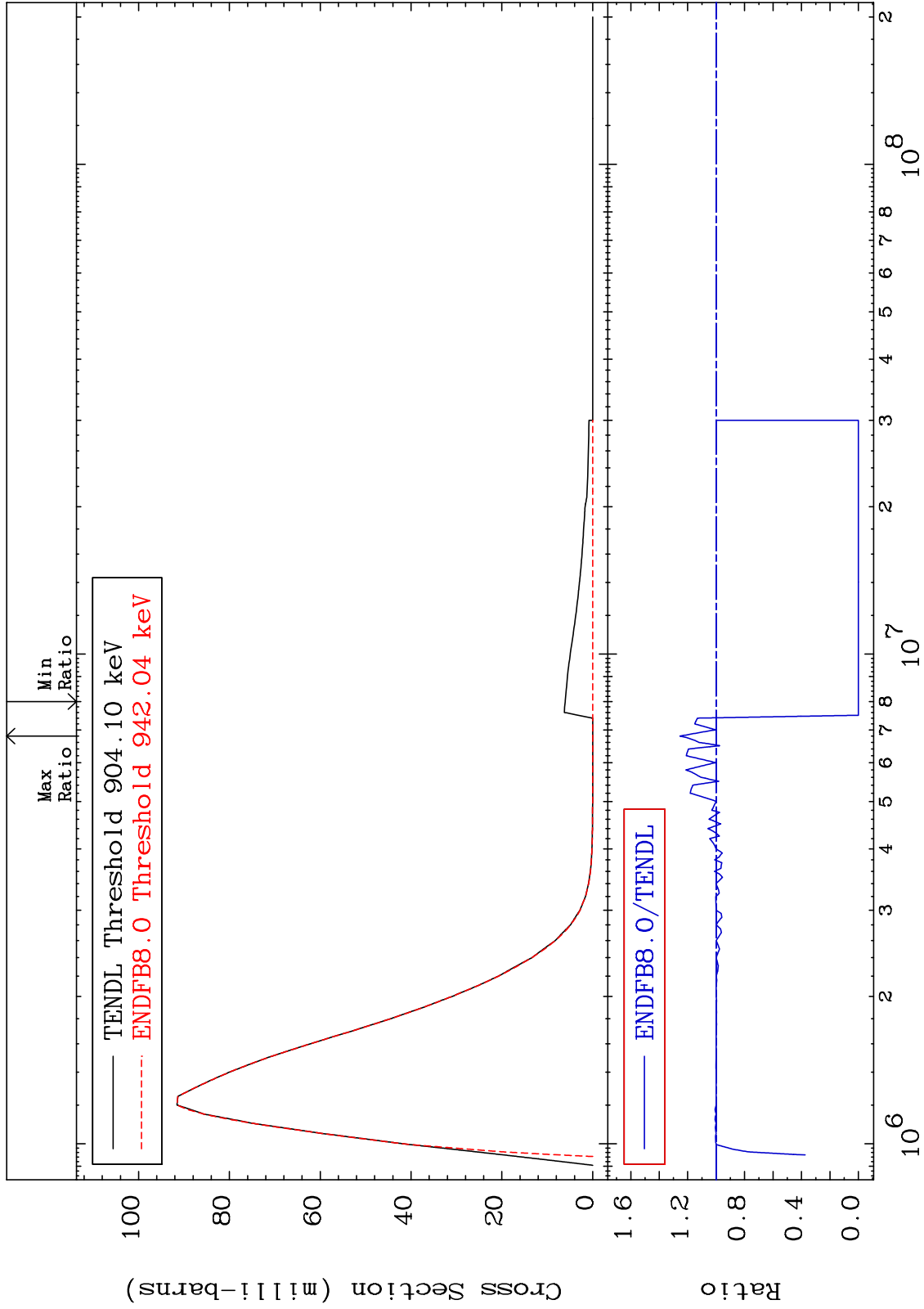
MAT 9440 MT= 60 (n,n') Level Cross Section -100.0 To 33.02 % 94-Pu-240

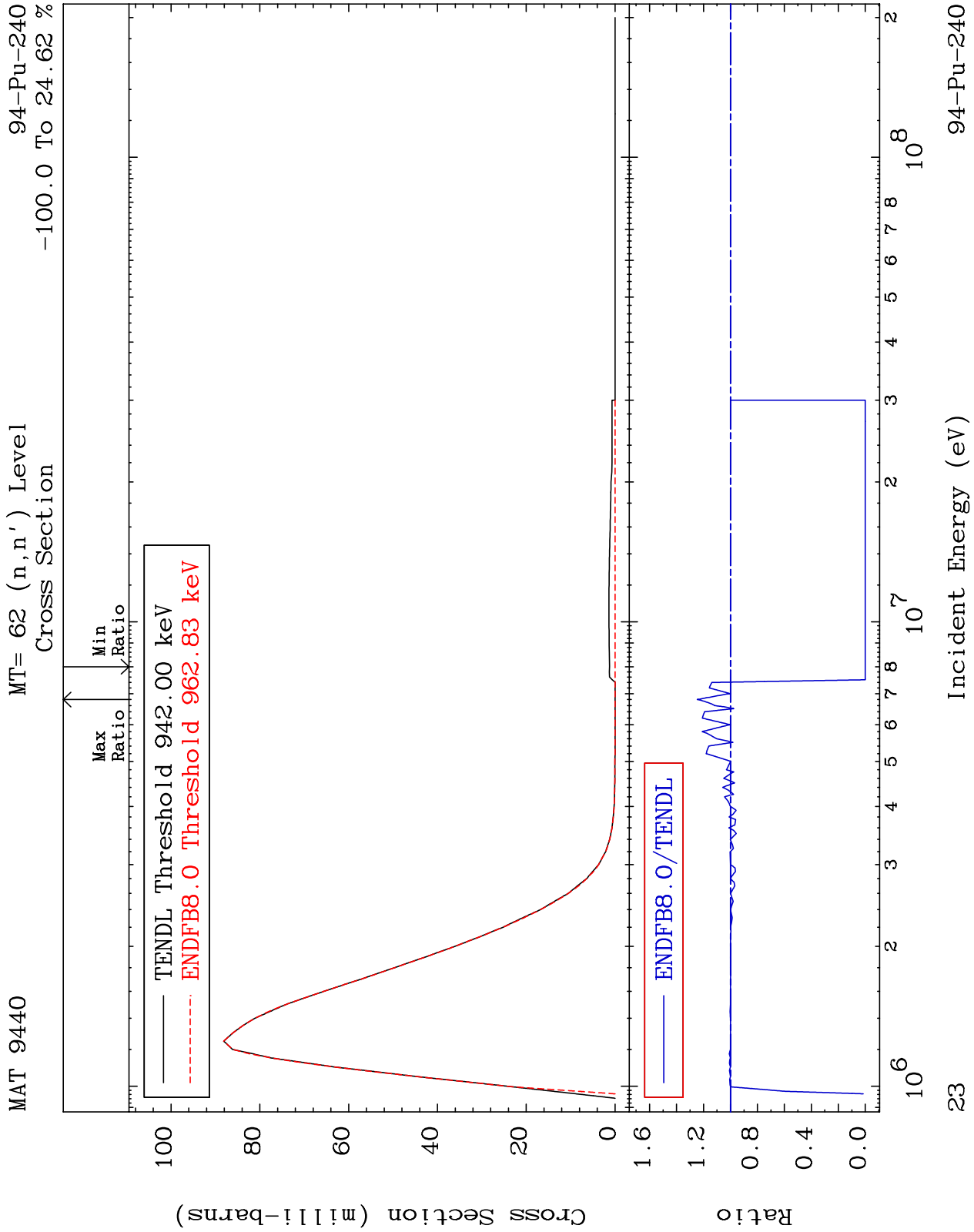


MAT 9440

MT= 61 (n,n') Level
Cross Section

94-Pu-240
-100.0 To 25.39 %

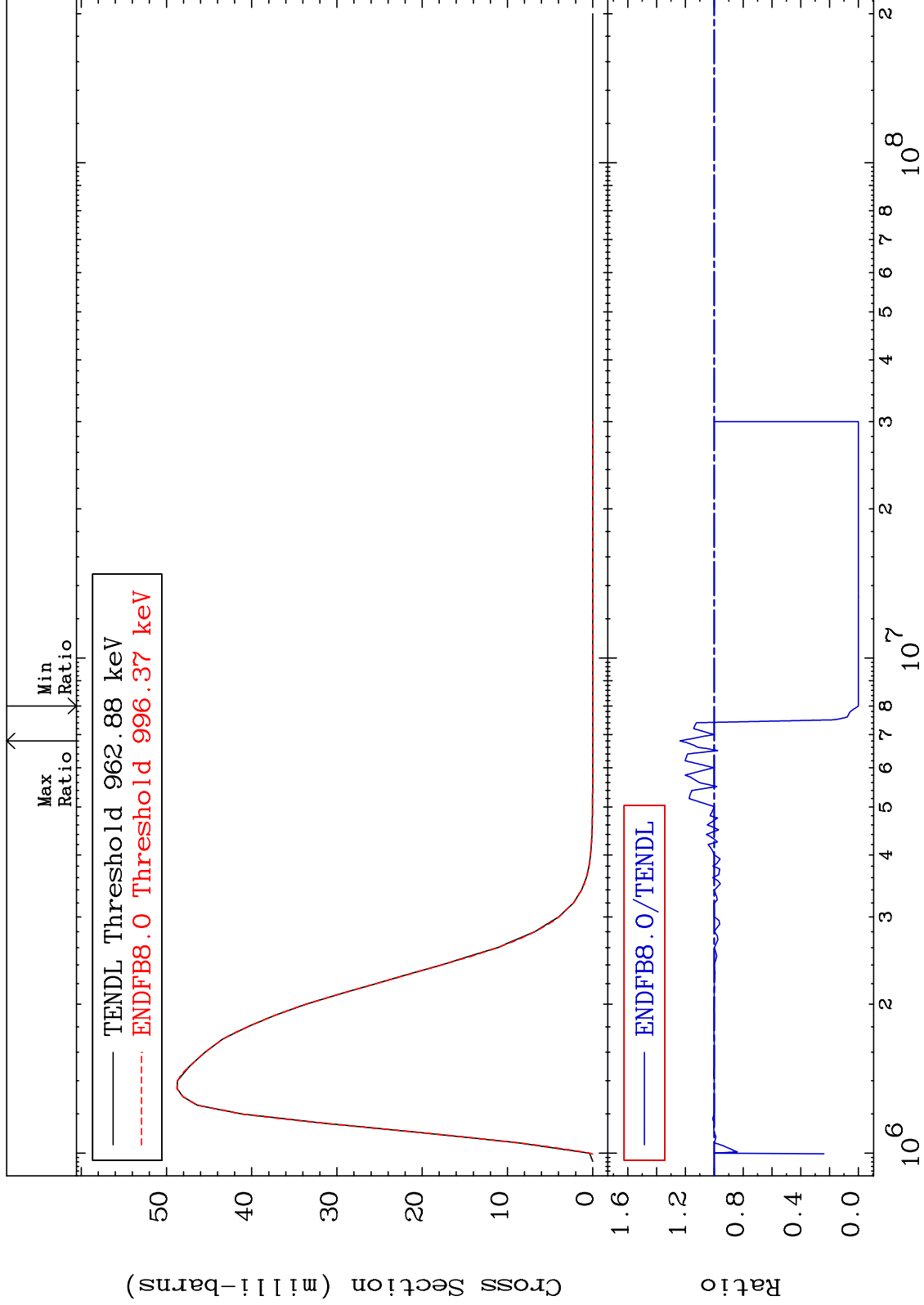




MAT 9440

MT= 63 (n,n') Level
Cross Section

94-Pu-240
-100.0 To 23.78 %

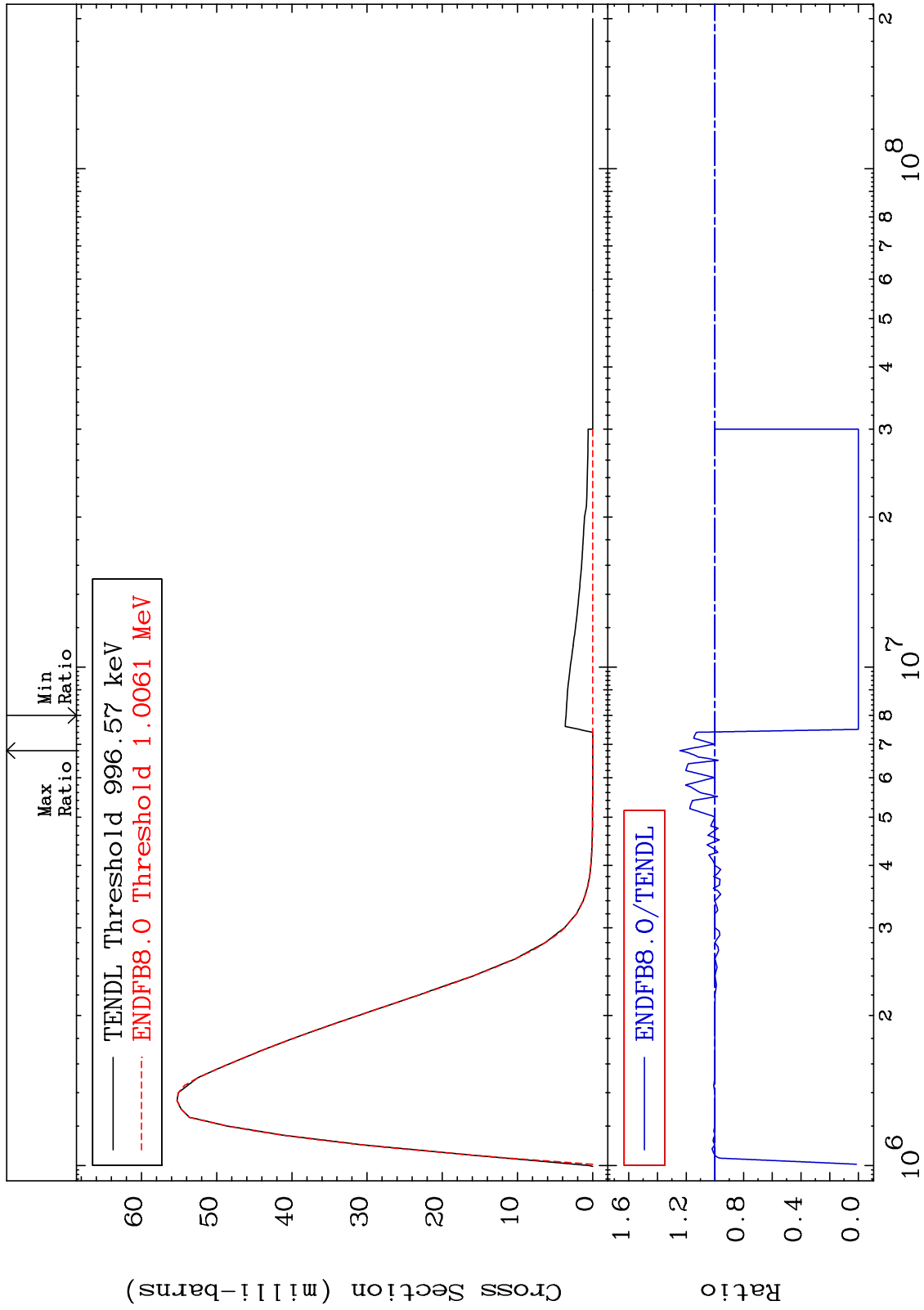


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Incident Energy (eV)

94-Pu-240

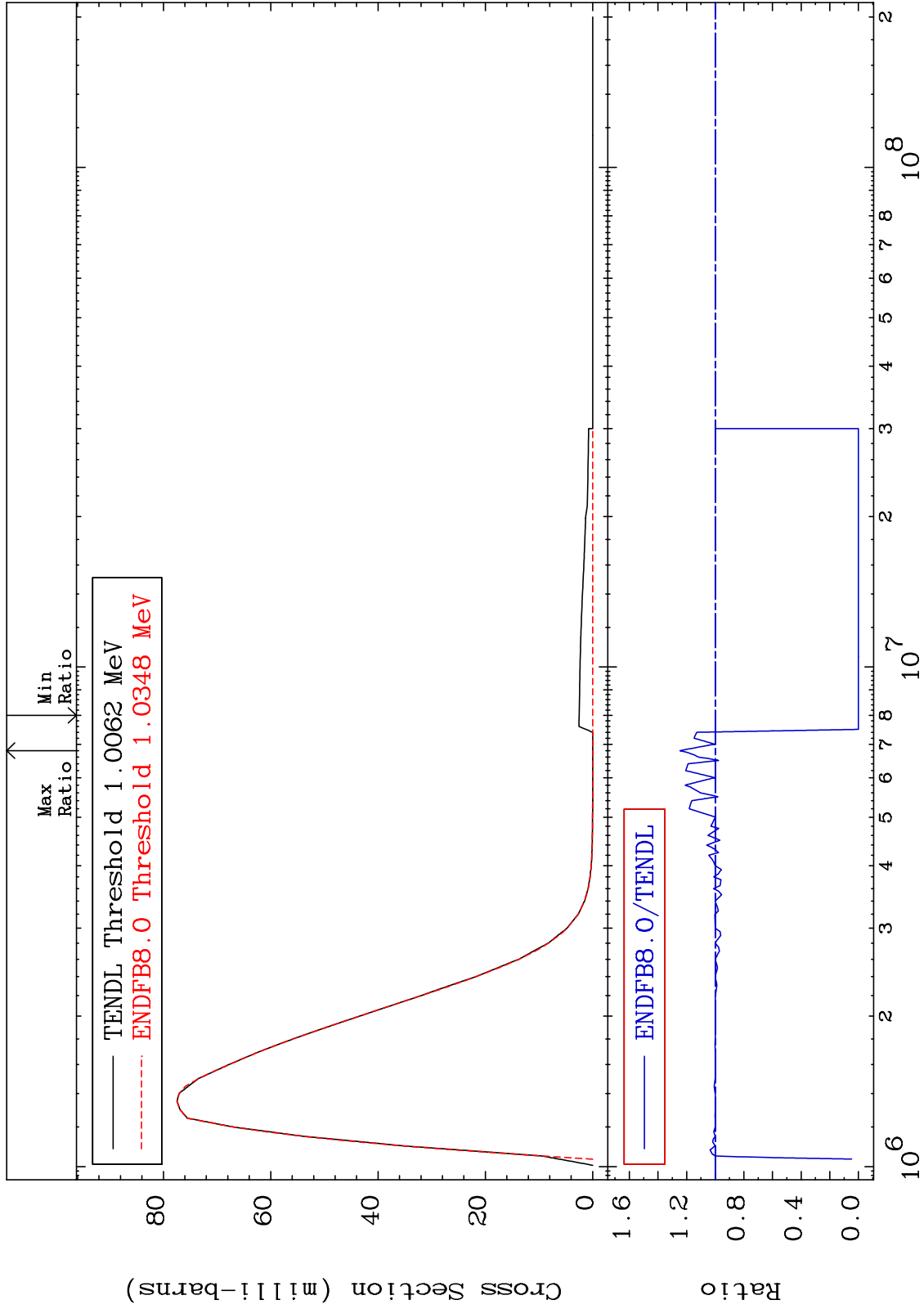
MAT 9440 MT= 64 (n,n') Level Cross Section -100.0 To 24.29 % 94-Pu-240



MAT 9440

MT= 65 (n,n') Level
Cross Section

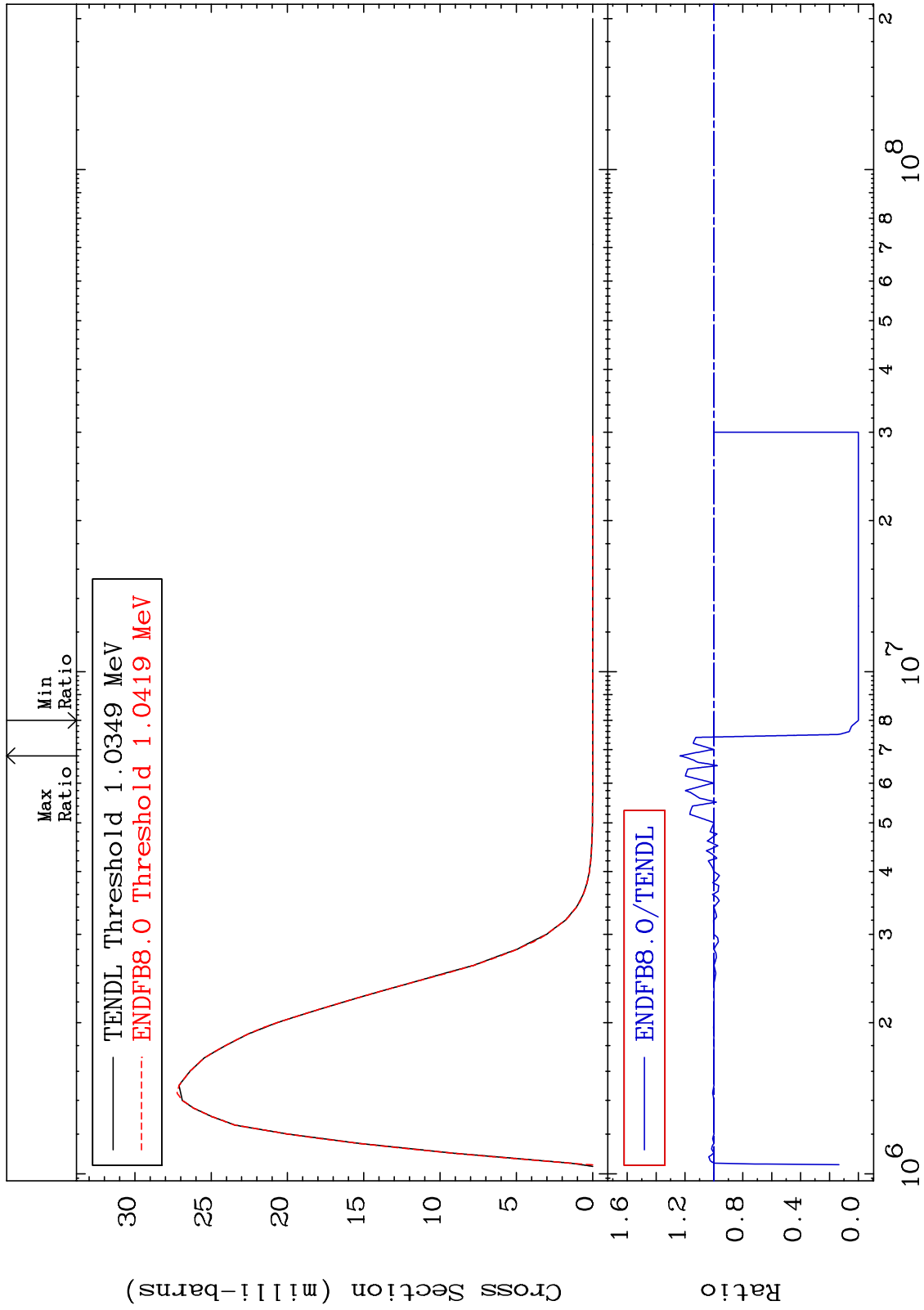
94-Pu-240
-100.0 To 24.60 %



MAT 9440

MT= 66 (n,n') Level
Cross Section

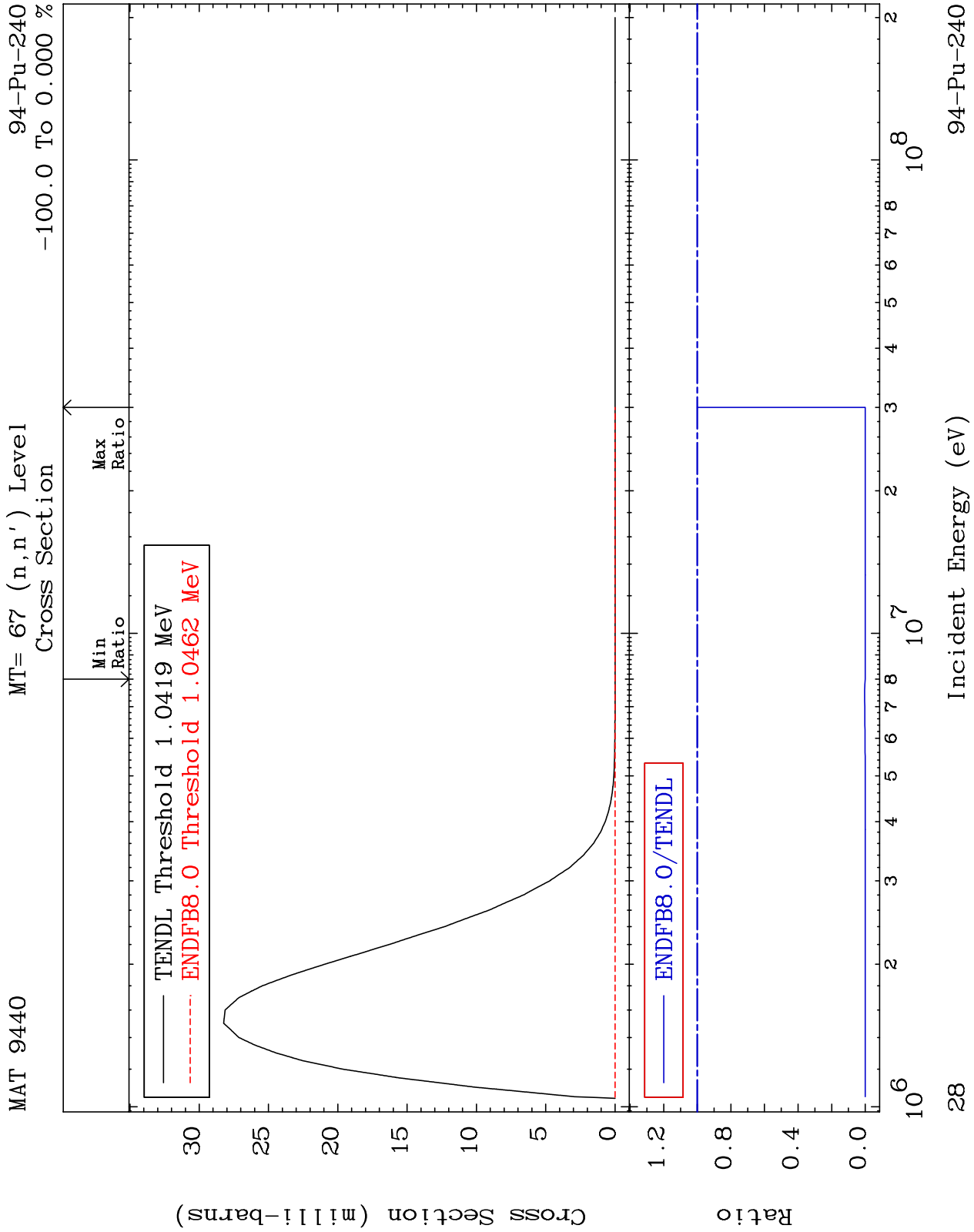
94-Pu-240
-100.0 To 23.48 %



27

Incident Energy (eV)

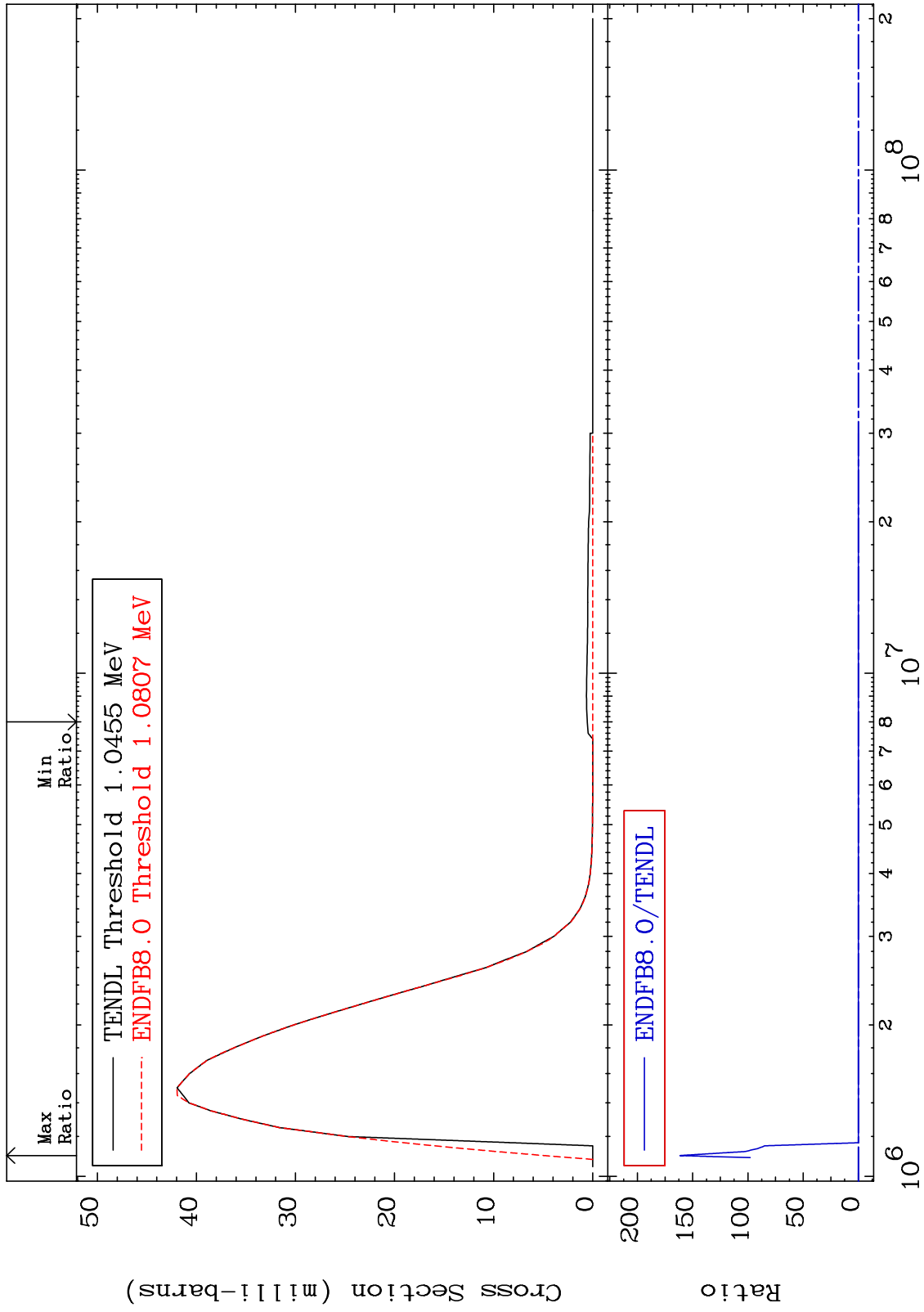
94-Pu-240



MAT 9440 MT= 68 (n,n') Level
Cross Section -100.0 To 9999. %

MAT 9440

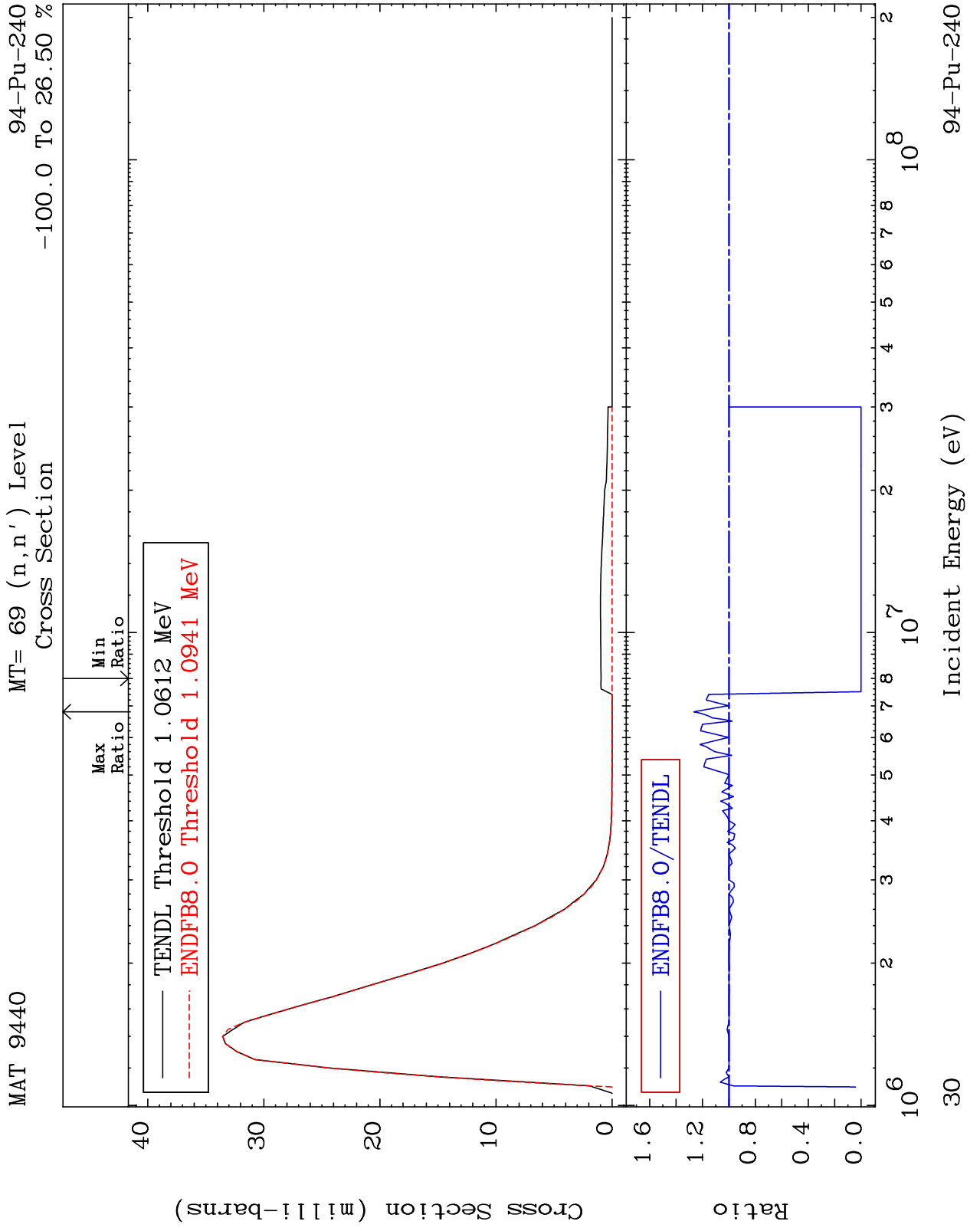
94-Pu-240



94-Pu-240

Incident Energy (eV)

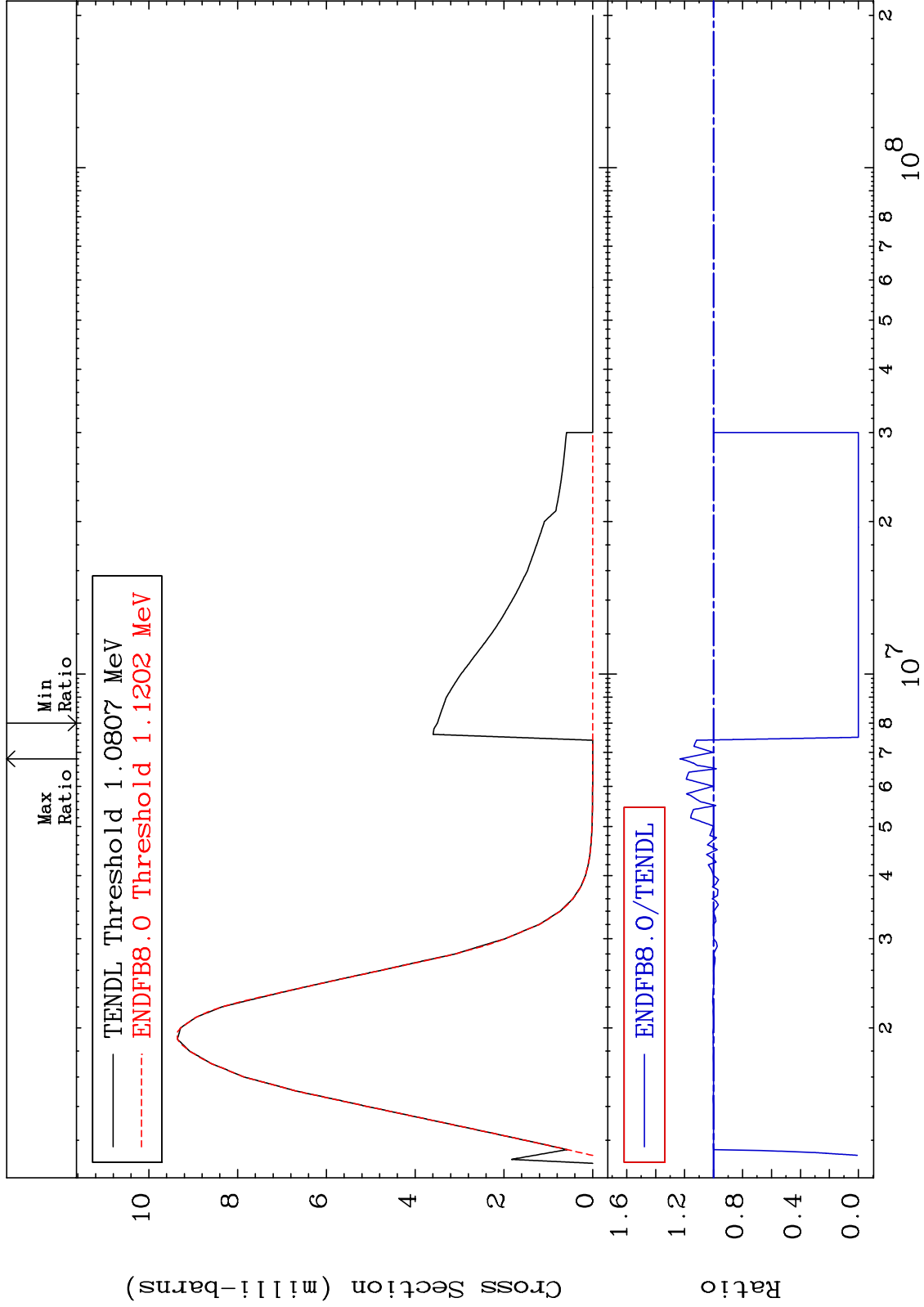
29

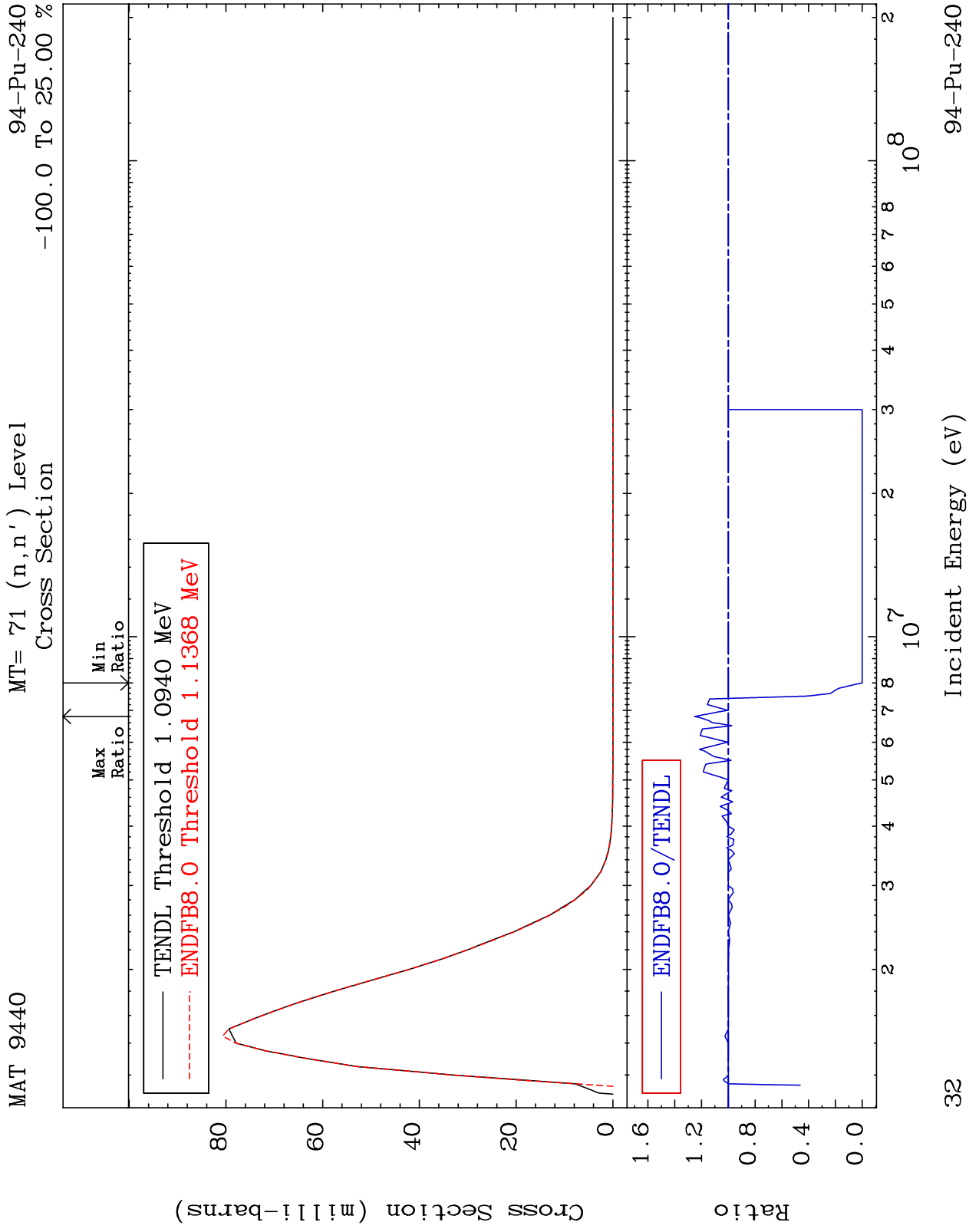


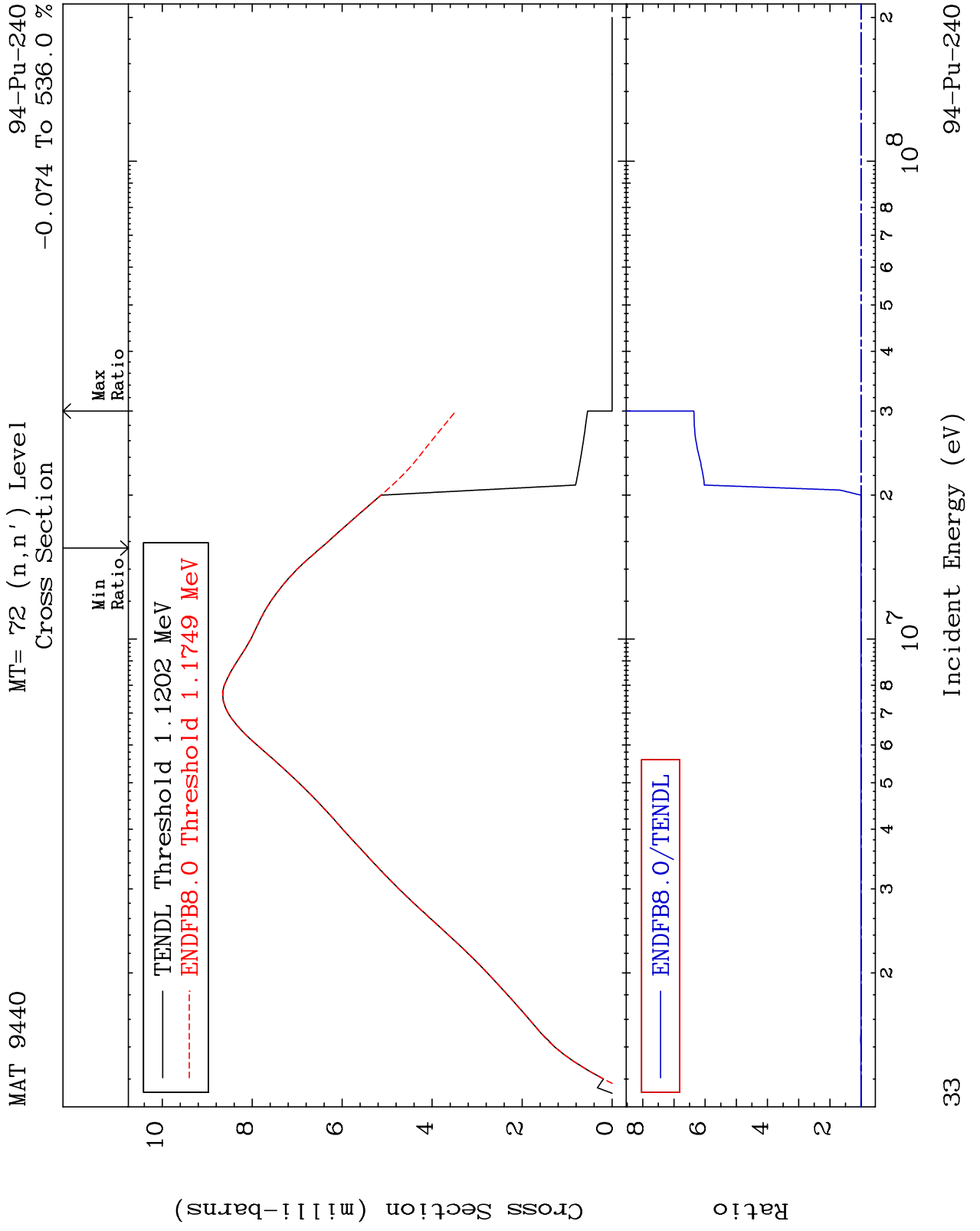
MAT 9440

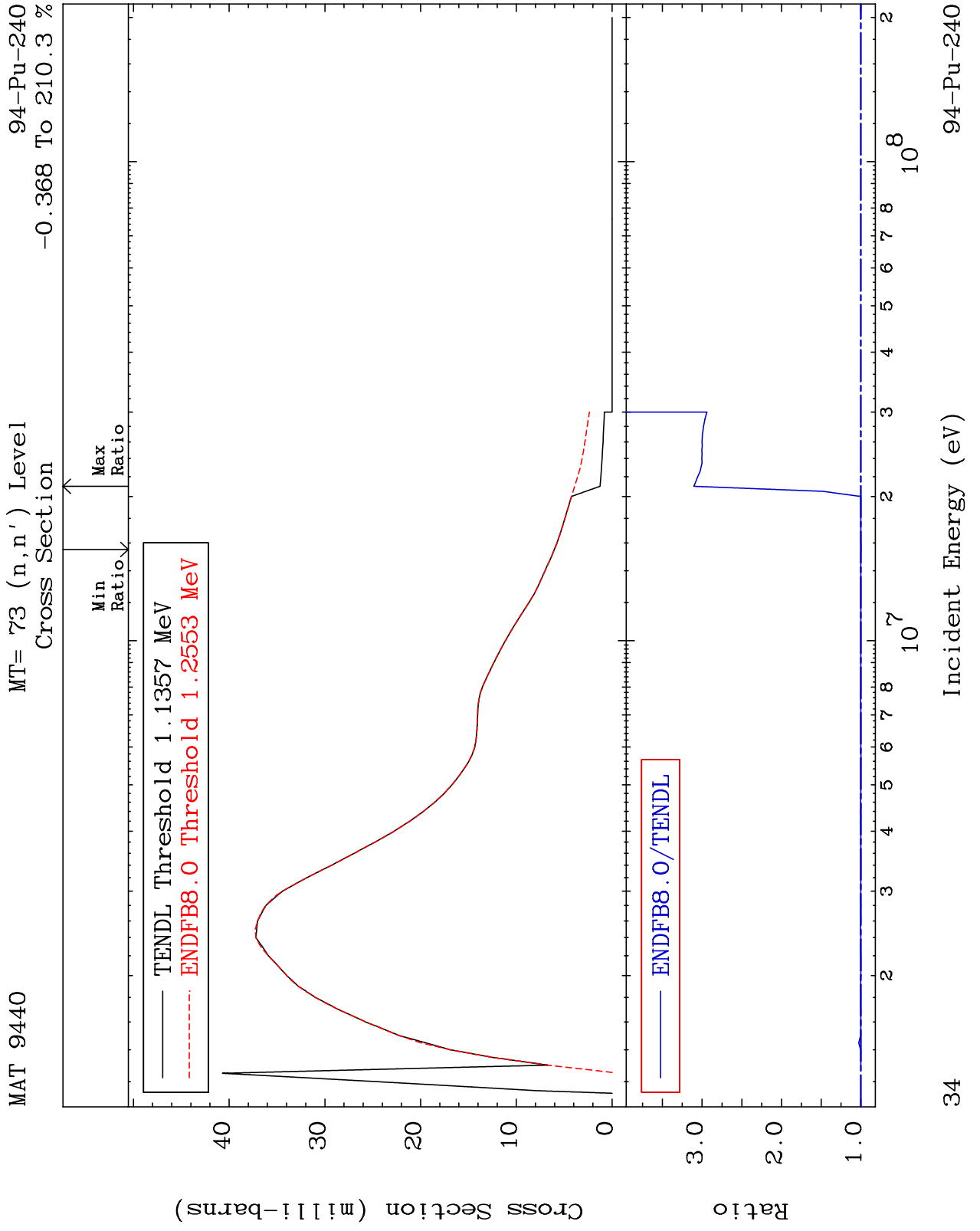
MT= 70 (n,n') Level
Cross Section

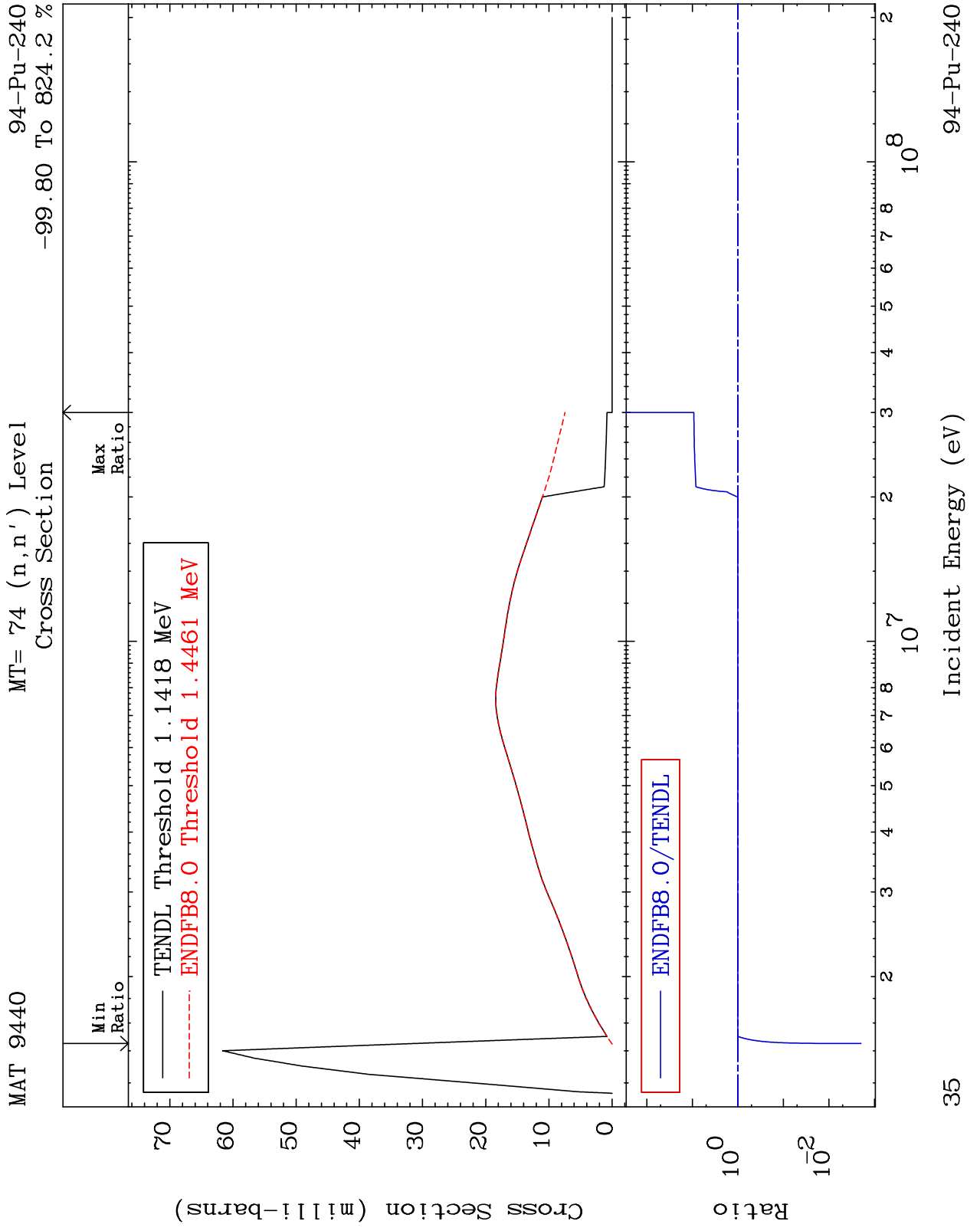
94-Pu-240
-100.0 To 23.19 %

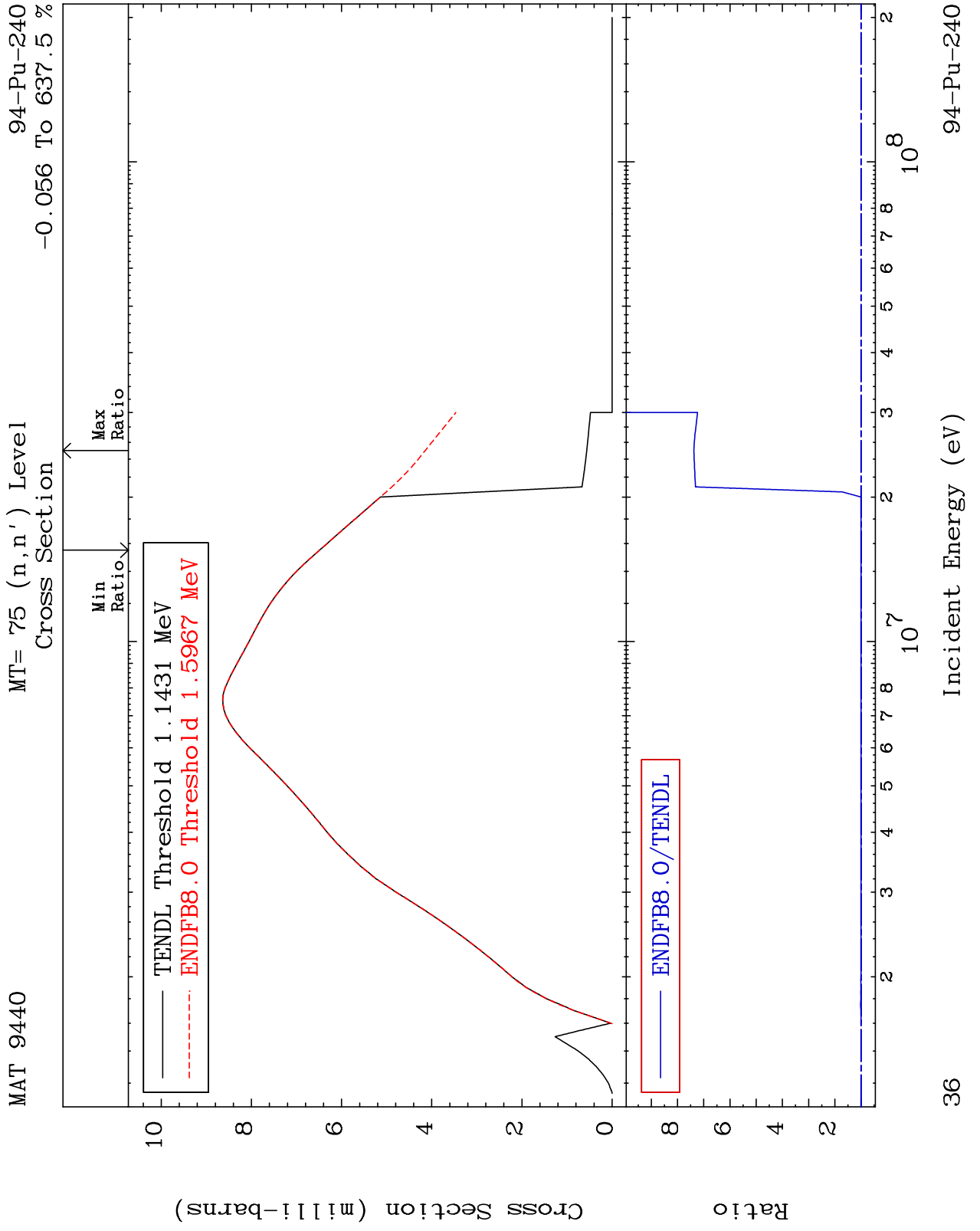


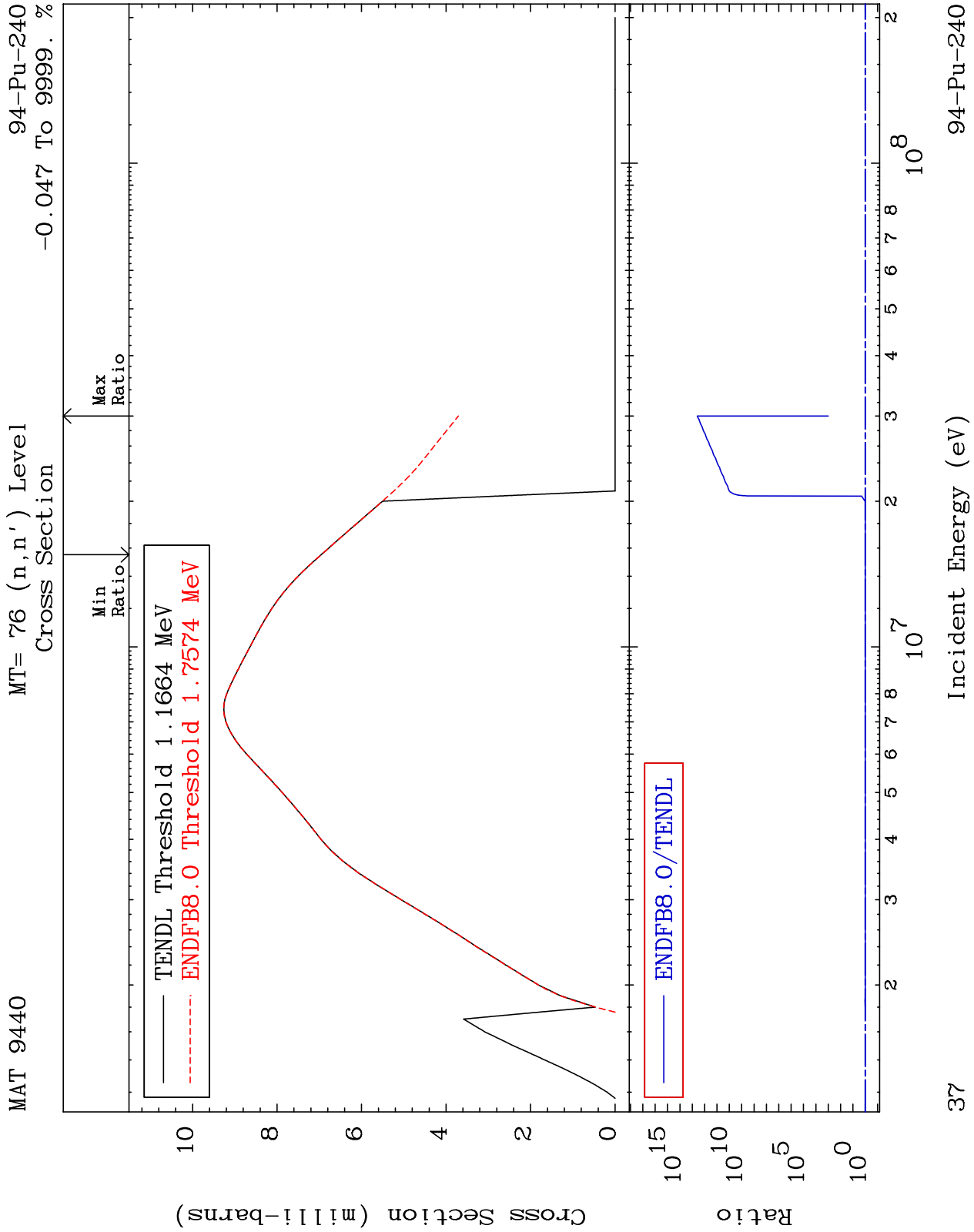




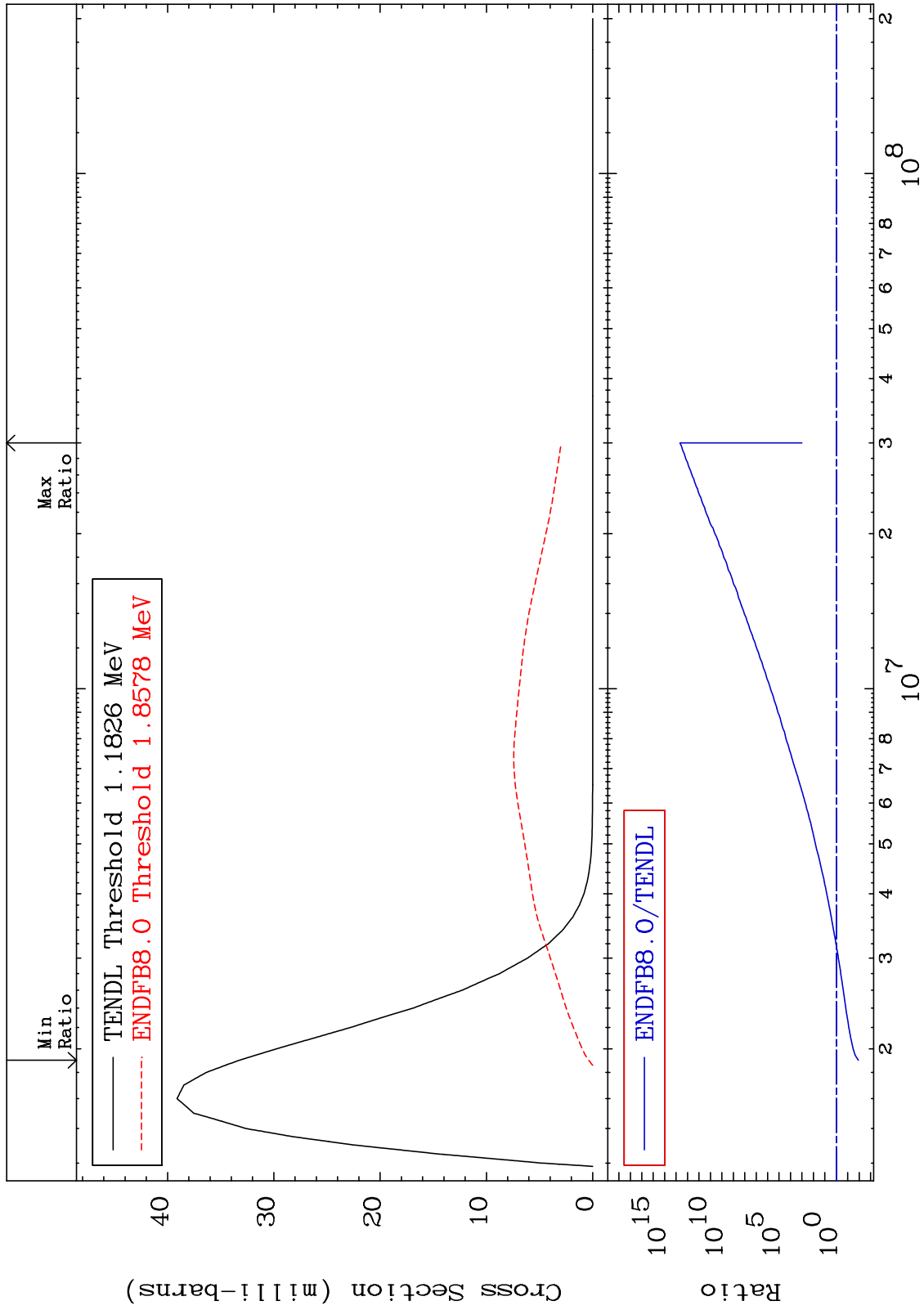


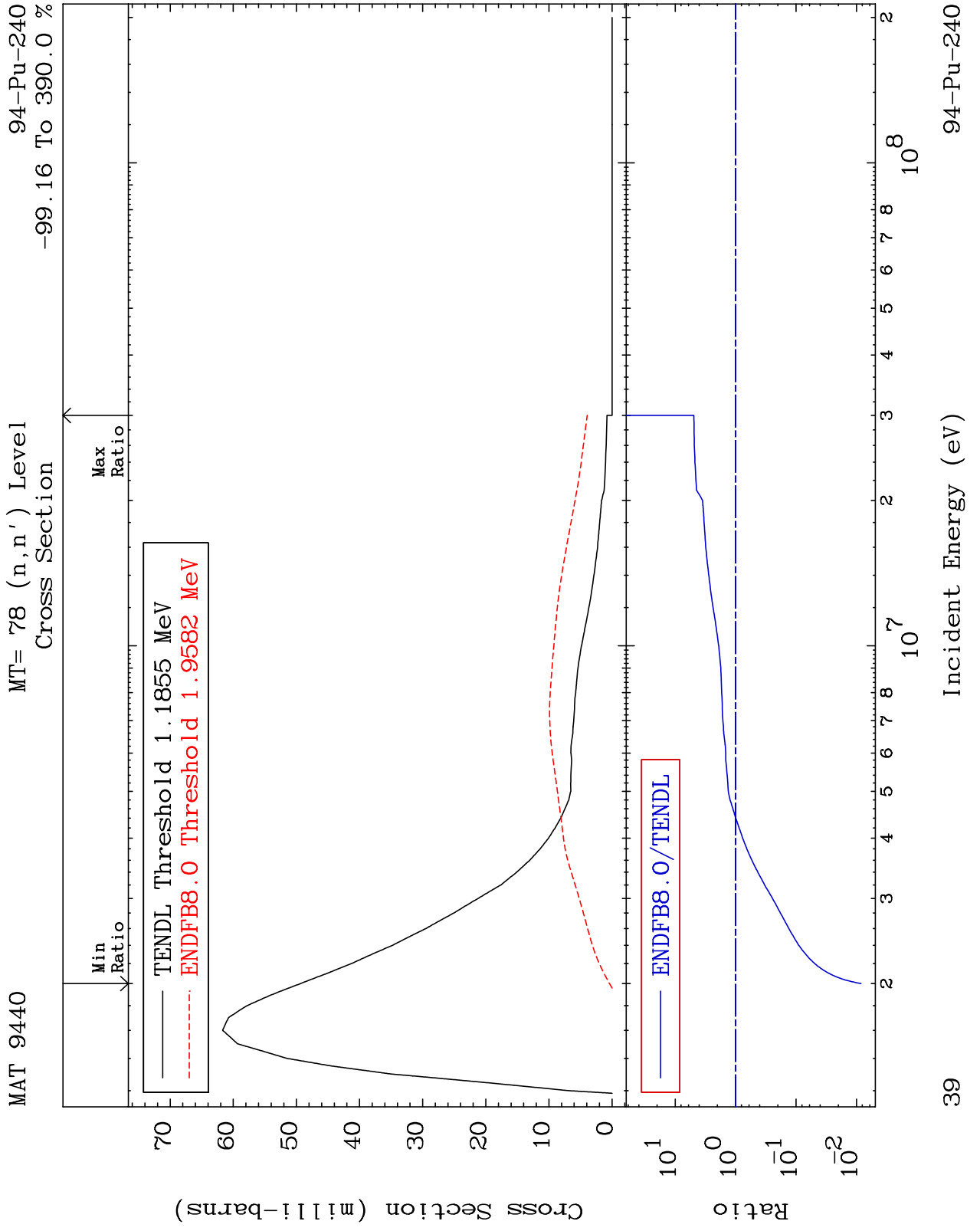


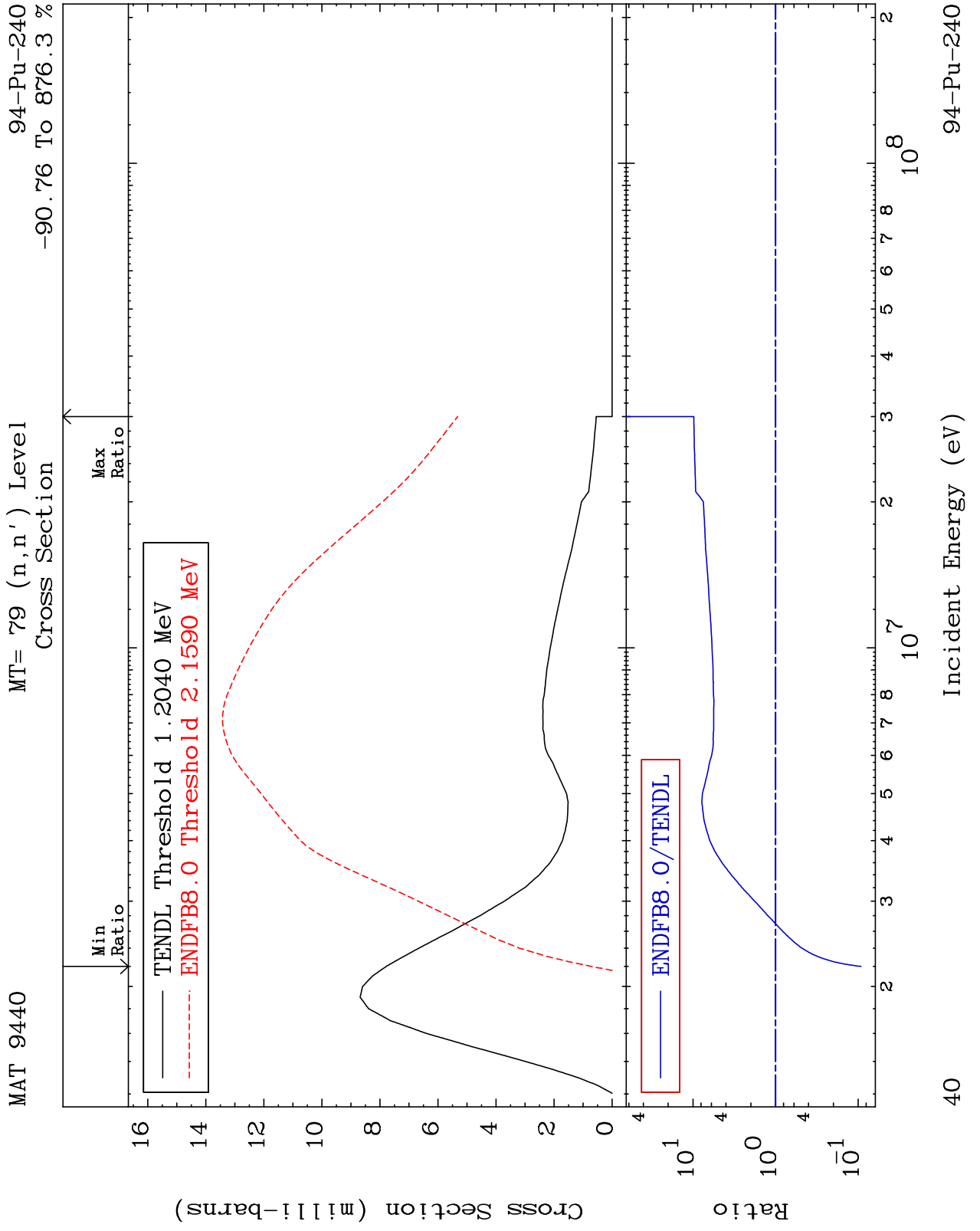


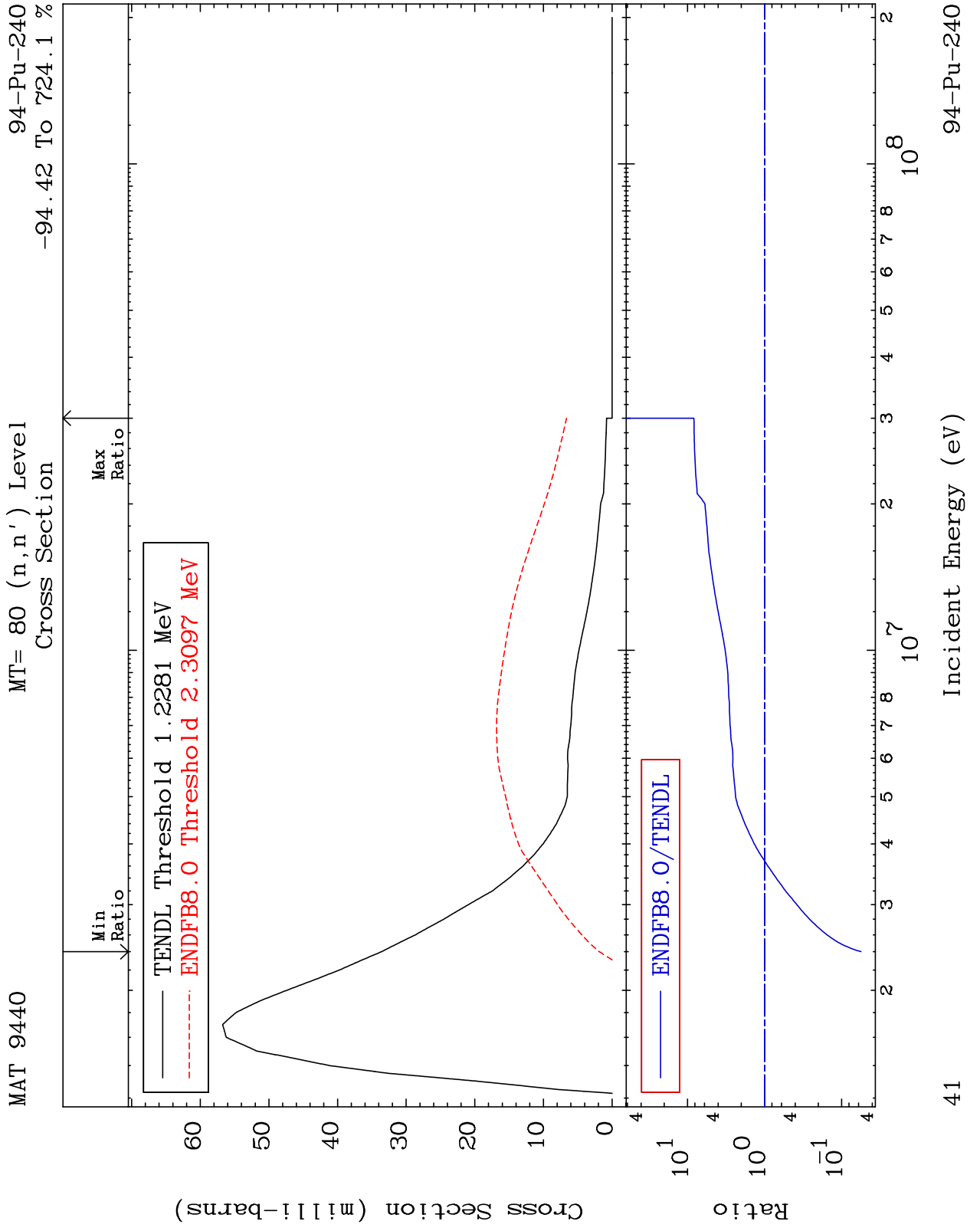


MAT 9440 MT= 77 (n,n') Level Cross Section 94-Pu-240
 -98.84 To 9999. %

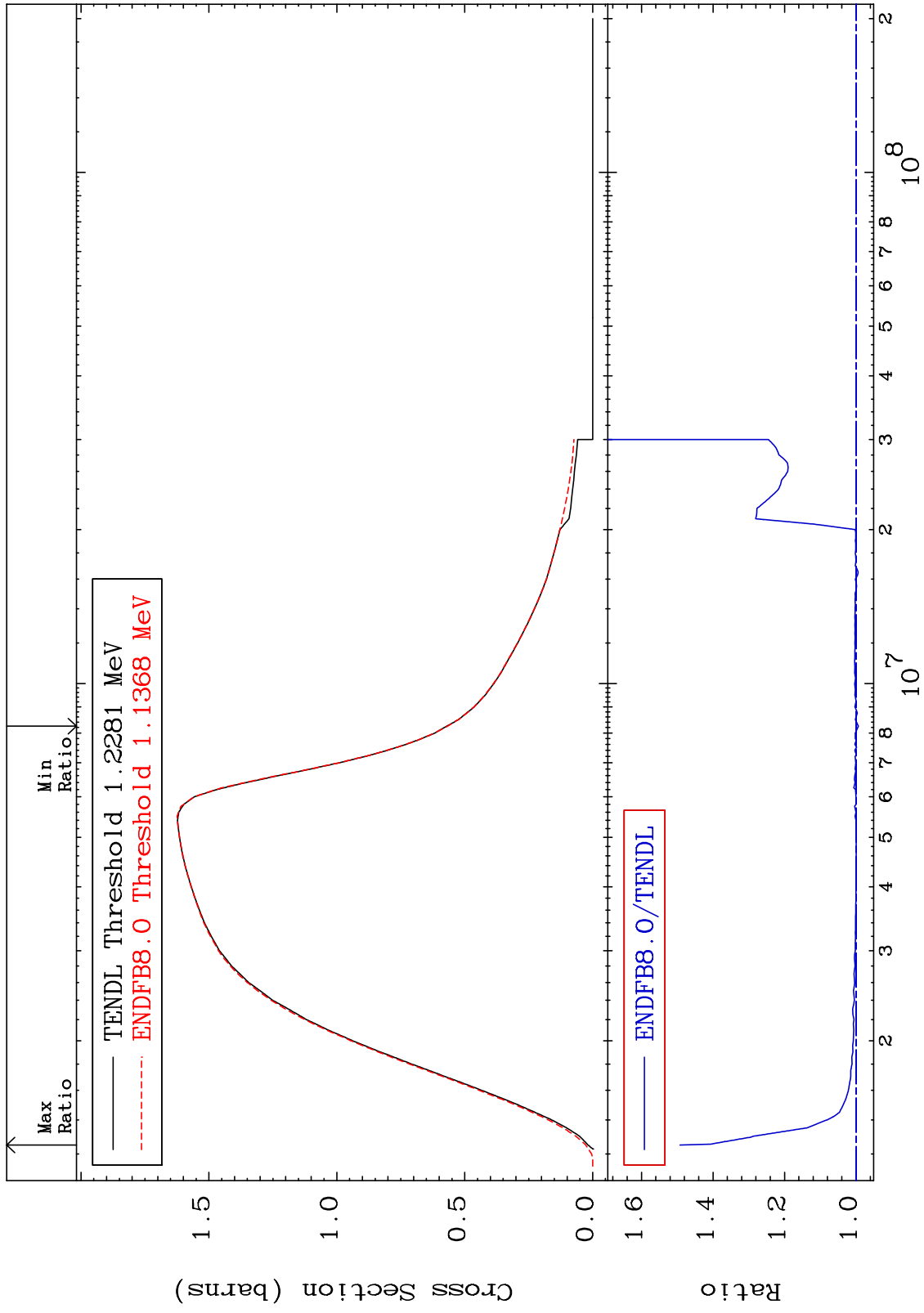








MAT 9440 (n, n') Continuum Cross Section 94-Pu-240 -0.641 To 49.23 %



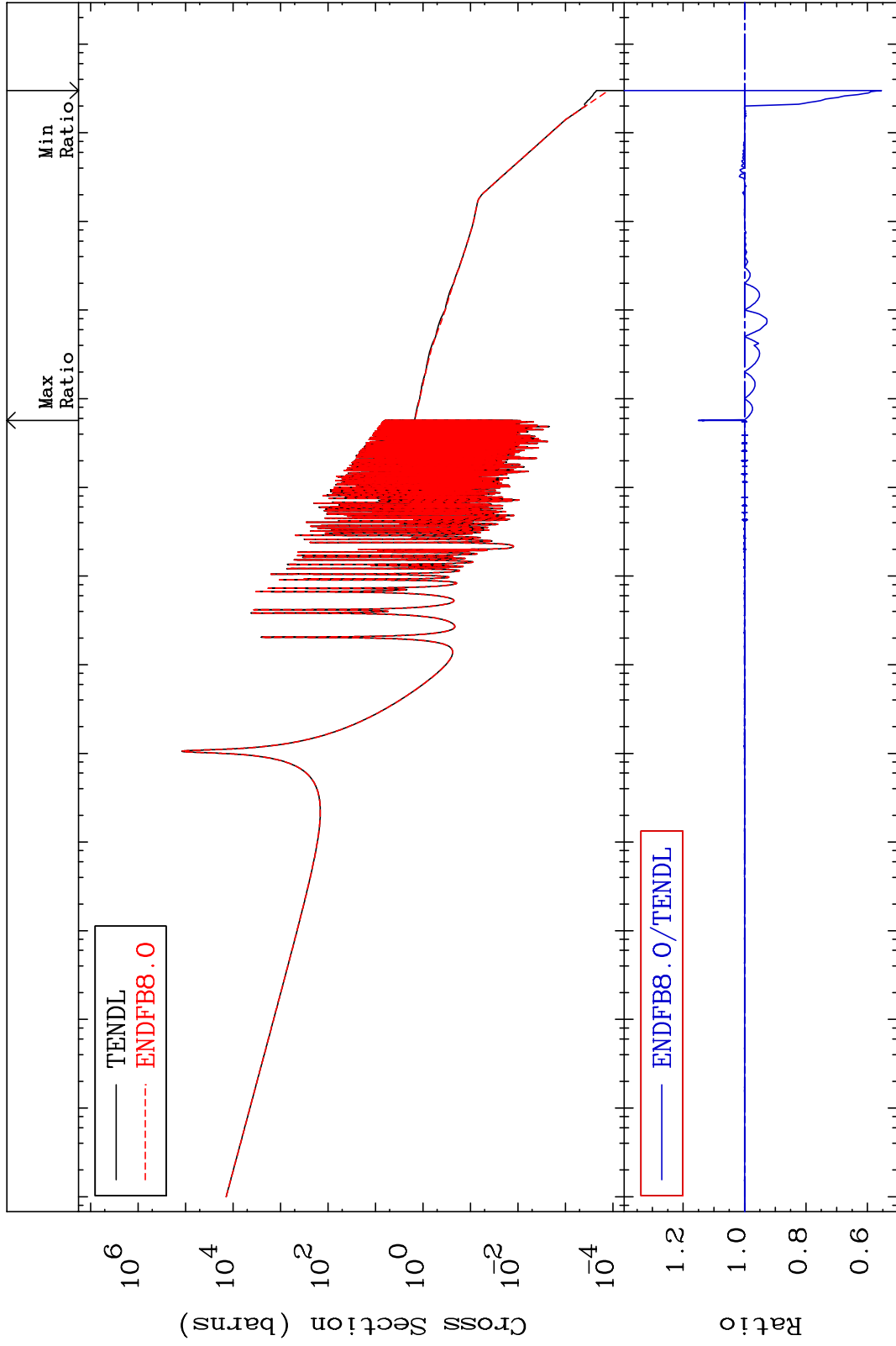
MAT 9440

(n, γ)

94-Pu-240

Cross Section

-44.60 To 15.05 %



Incident Energy (eV)

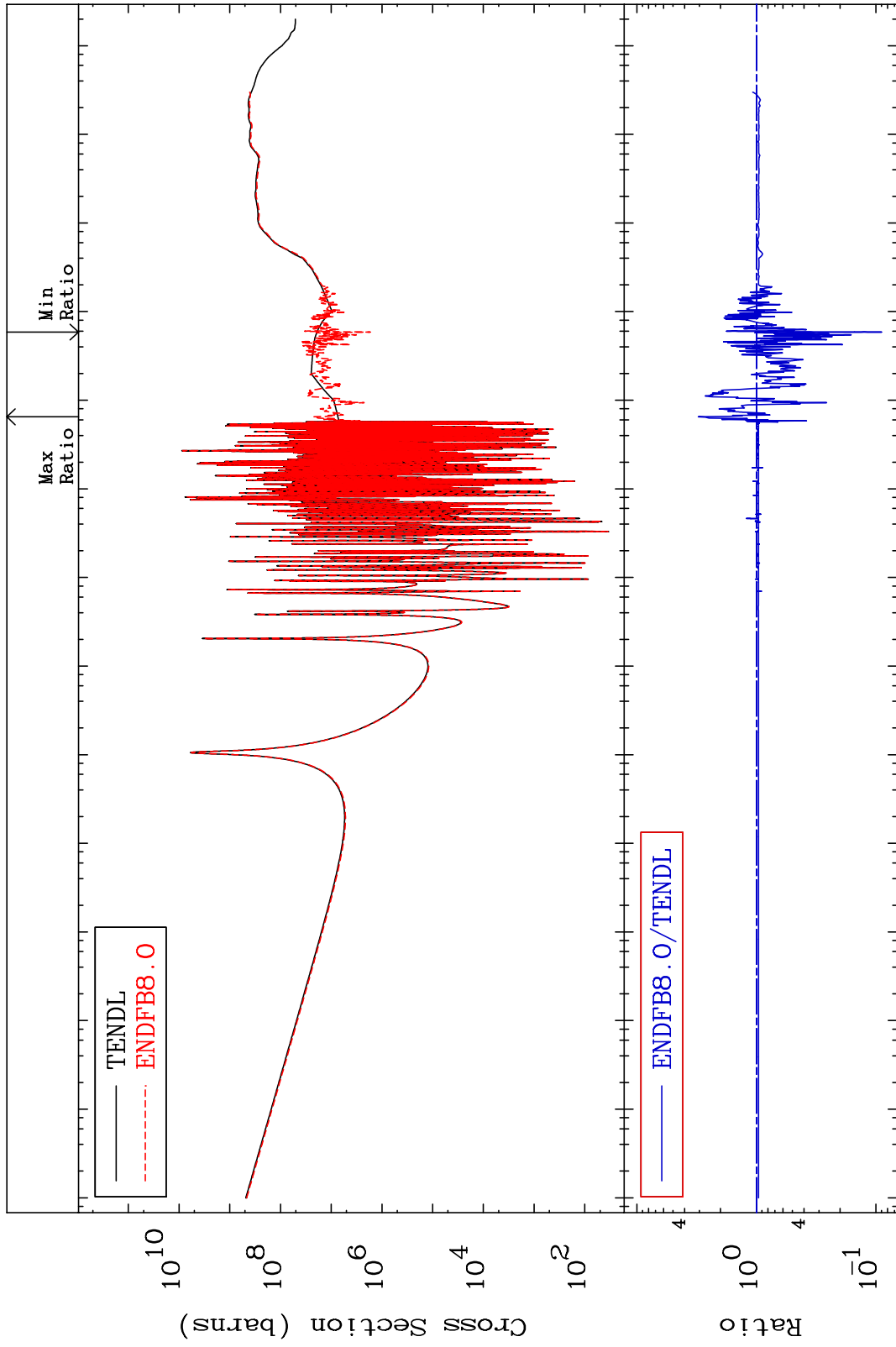
43

94-Pu-240

MAT 9440

Kerma total (eV-barns)
Cross Section

94-Pu-240
-91.02 To 206.4 %



44

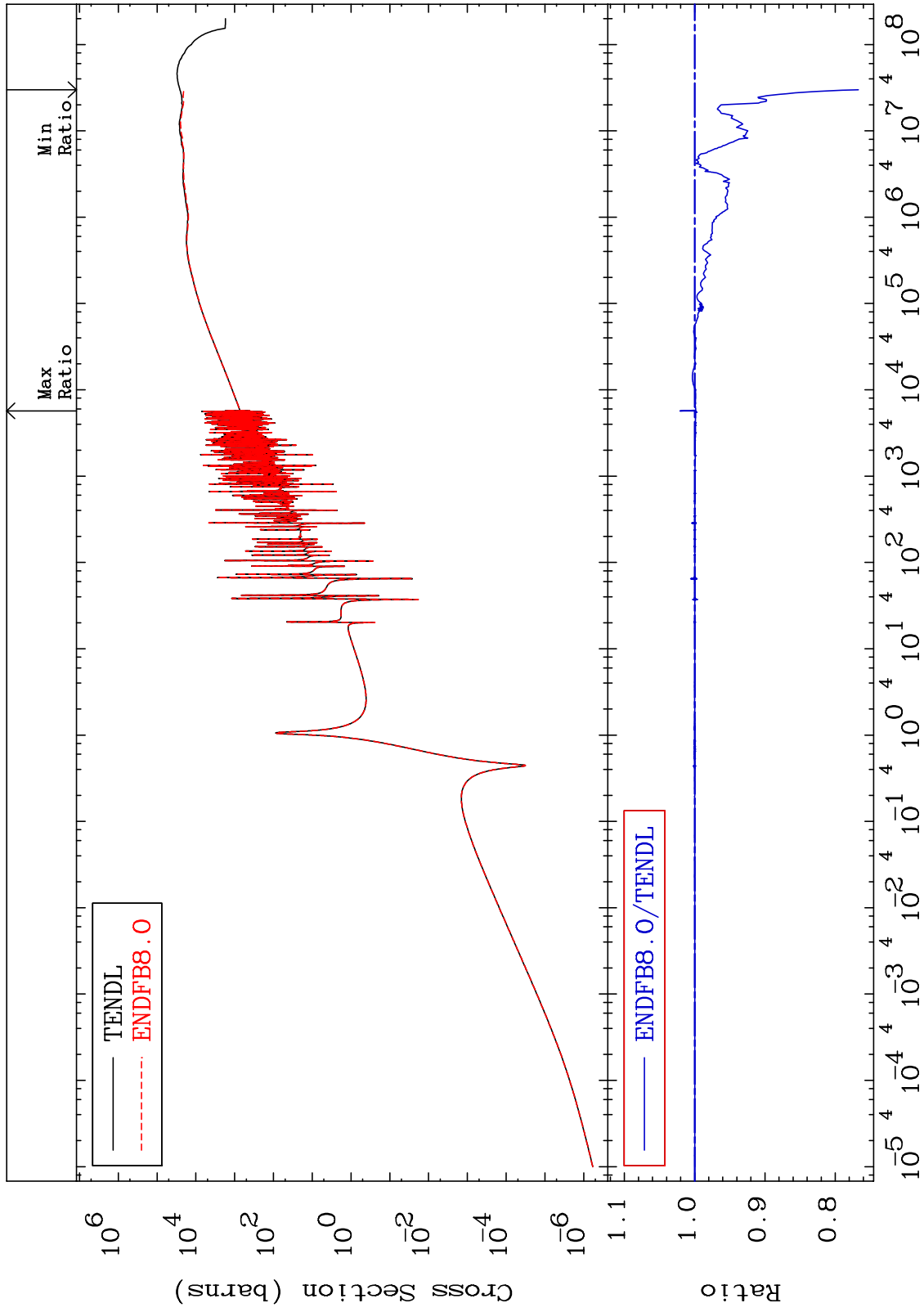
Incident Energy (eV)

94-Pu-240

MAT 9440

Kerma elastic
Cross Section

94-Pu-240
-23.30 To 2.087 %



45

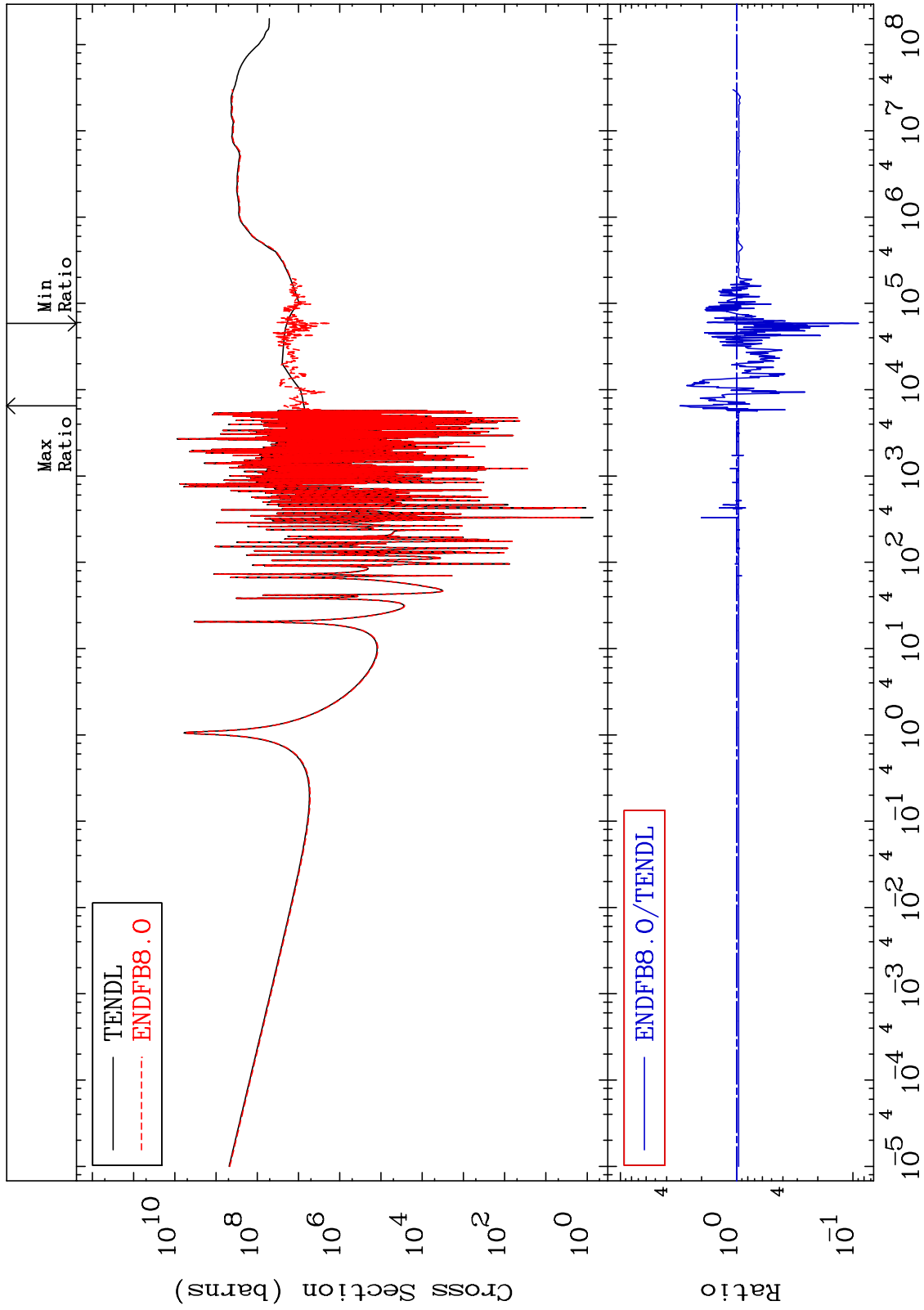
Incident Energy (eV)

94-Pu-240

MAT 9440

Kerma non-elastic (all but mt2)
Cross Section

94-Pu-240
-91.05 To 206.5 %



46

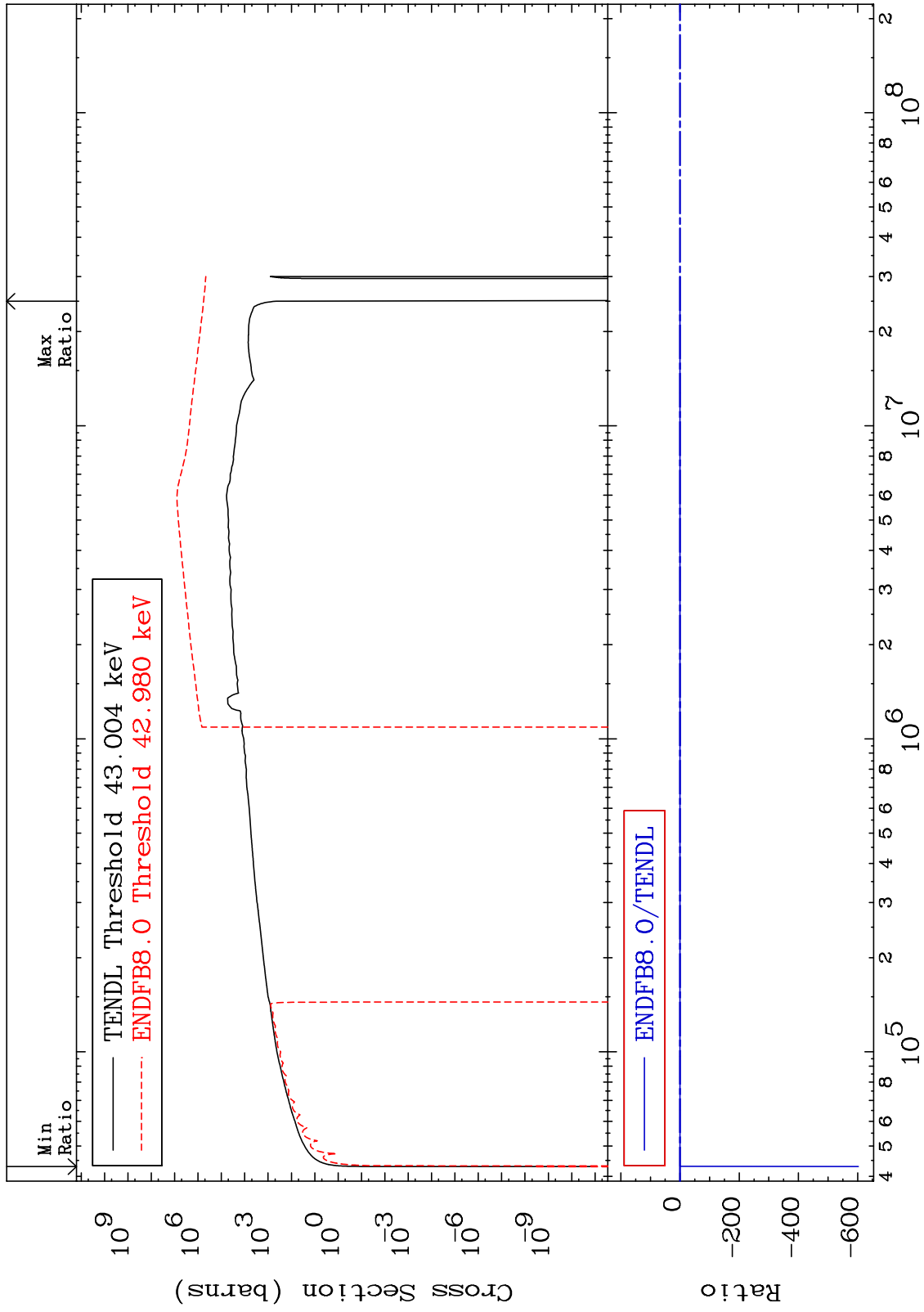
Incident Energy (eV)

94-Pu-240

MAT 9440

Kerma inelastic (mt51-91)
Cross Section

94-Pu-240
-9999. To 9999. %



47

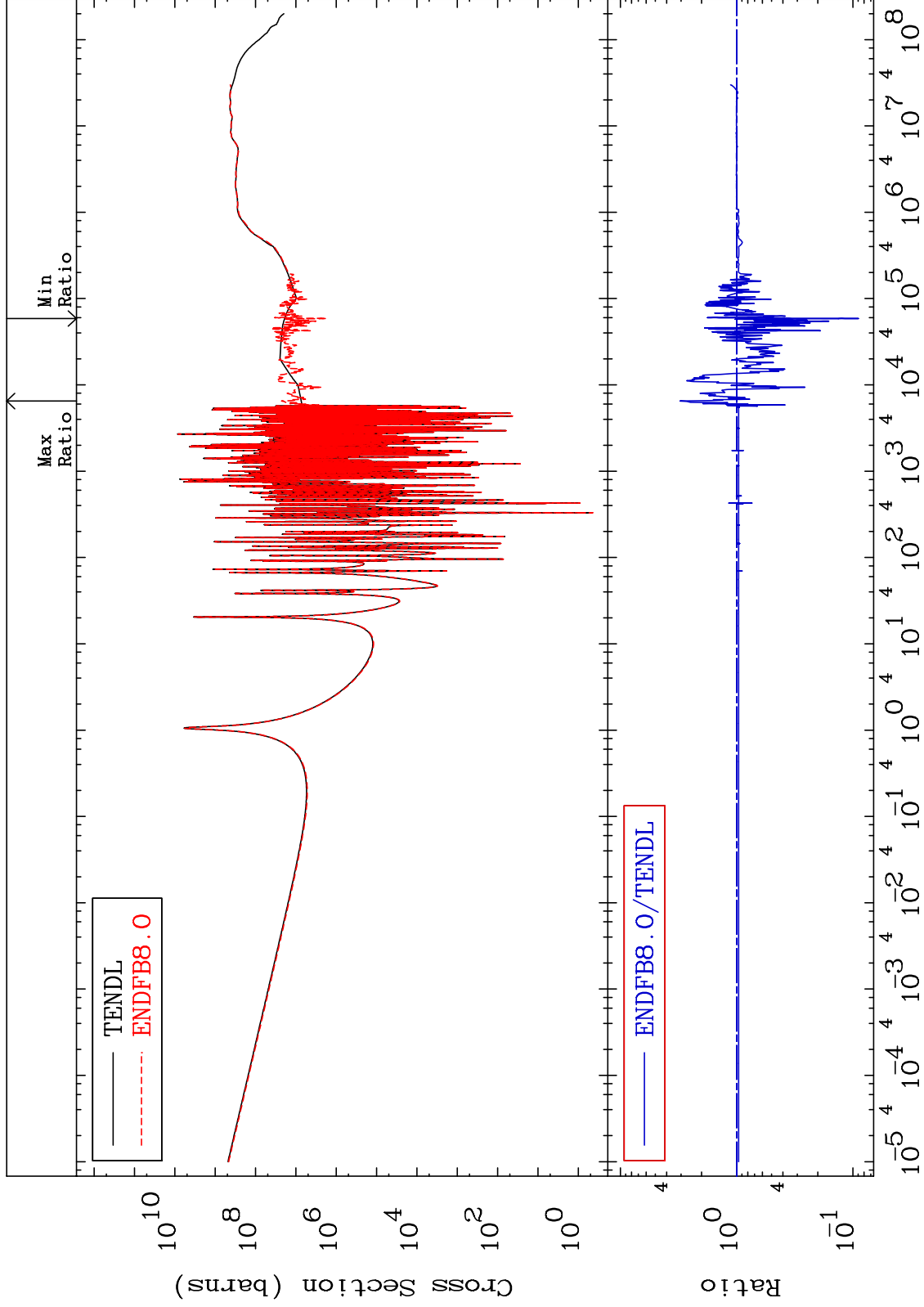
Incident Energy (eV)

94-Pu-240

MAT 9440

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

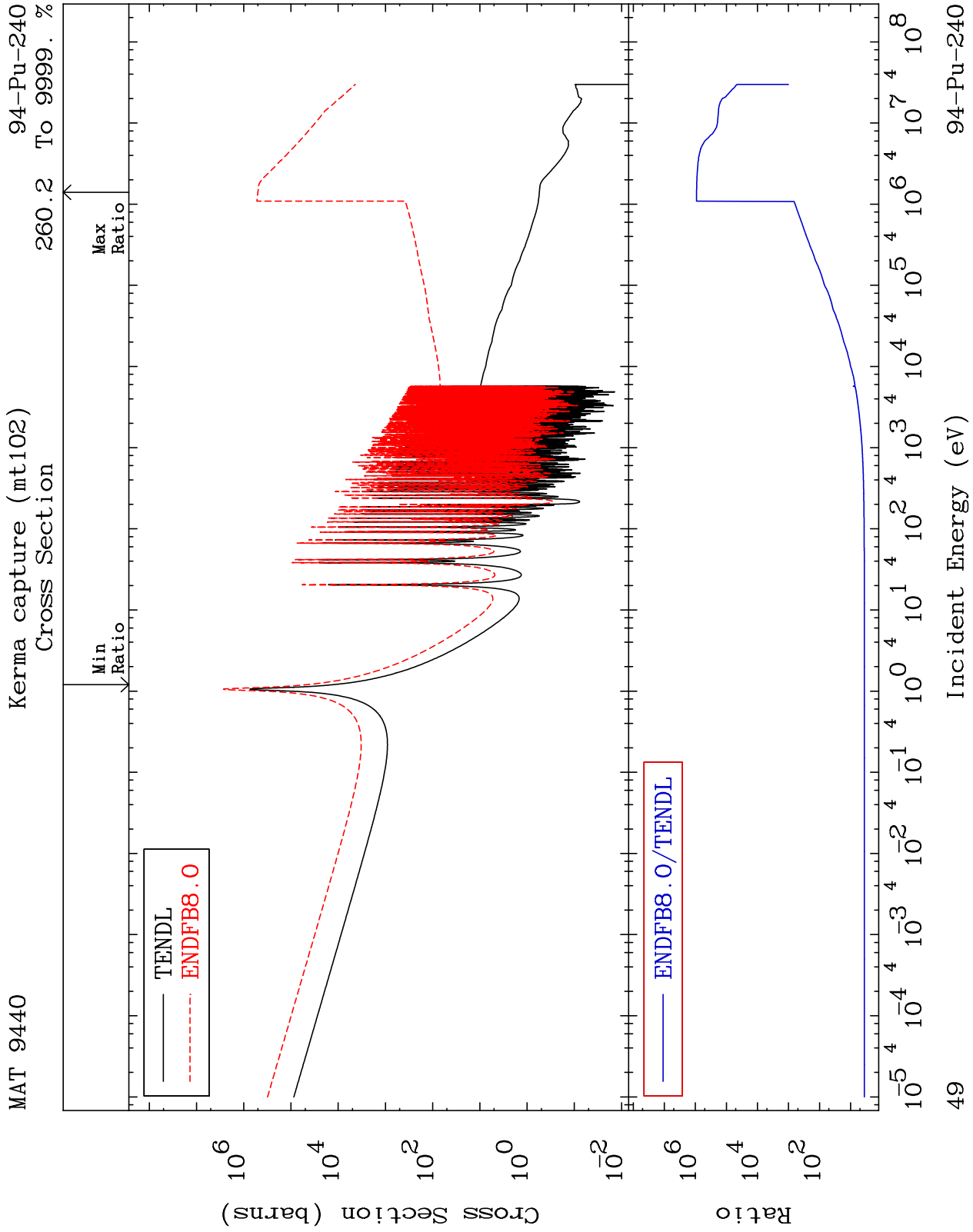
94-Pu-240
-91.05 To 206.5 %



48

Incident Energy (eV)

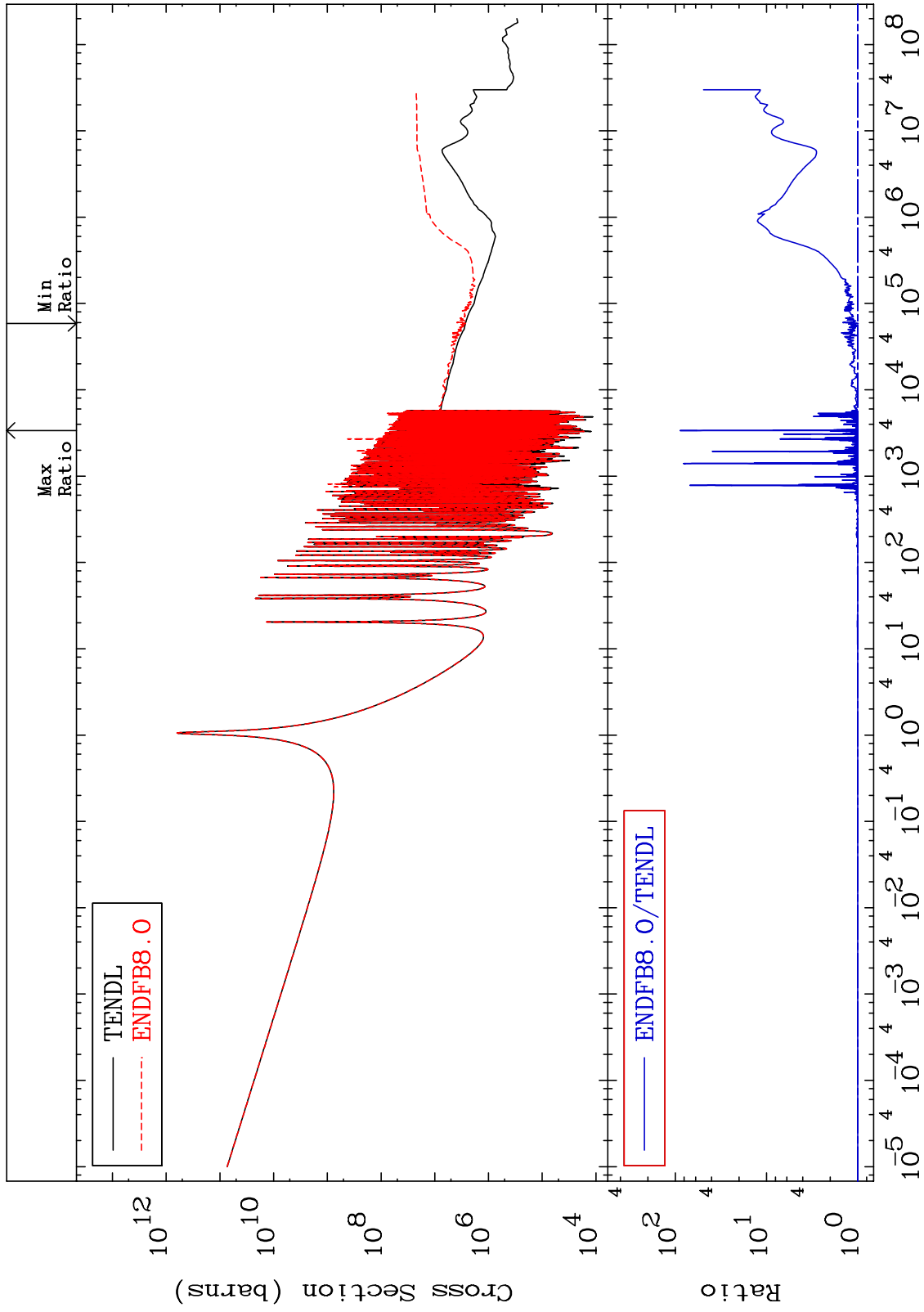
94-Pu-240



MAT 9440

Total photon (eV-barns)
Cross Section

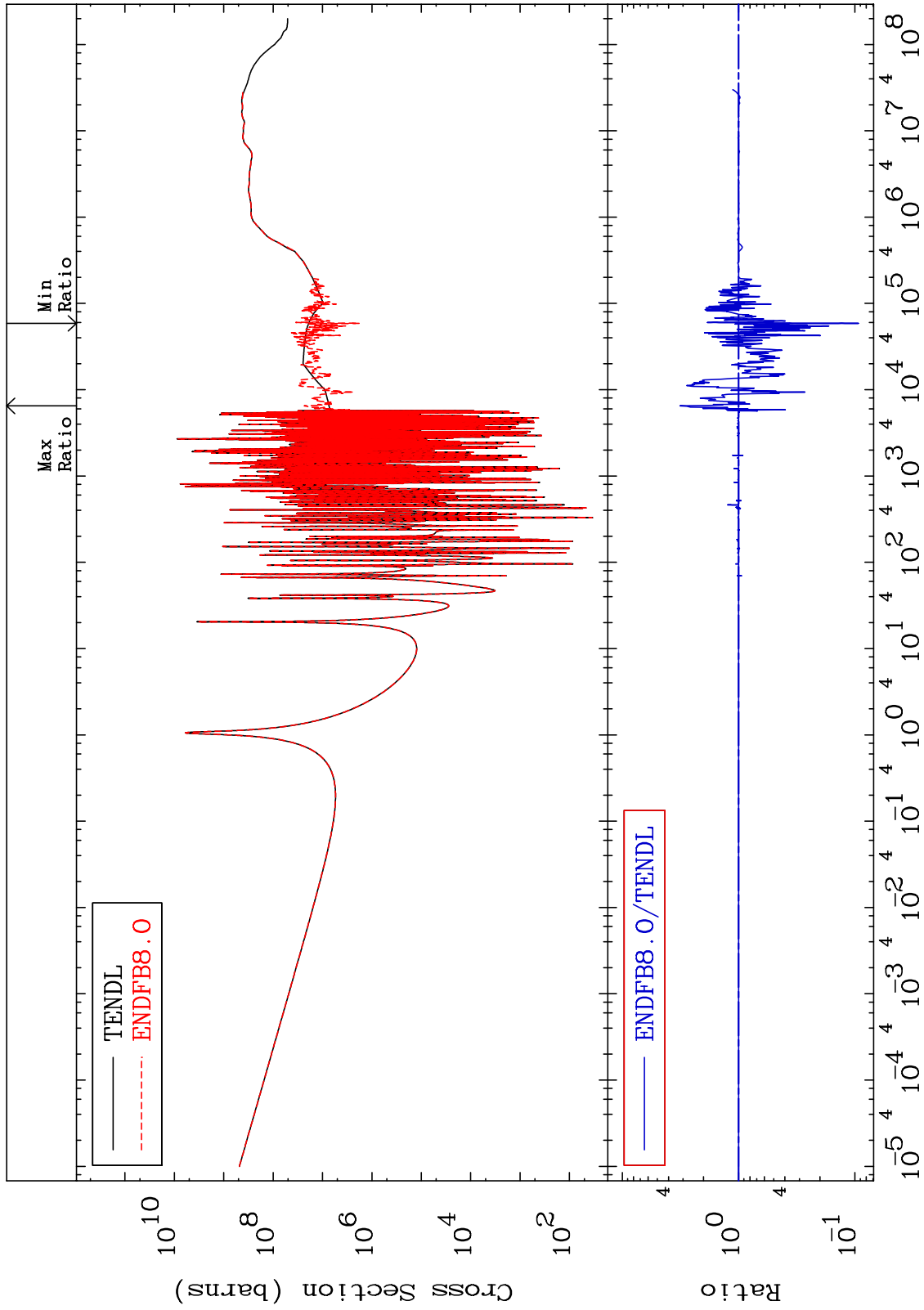
94-Pu-240
-1.661 To 8785. %



MAT 9440

Total kinematic kerma (high limit)
Cross Section

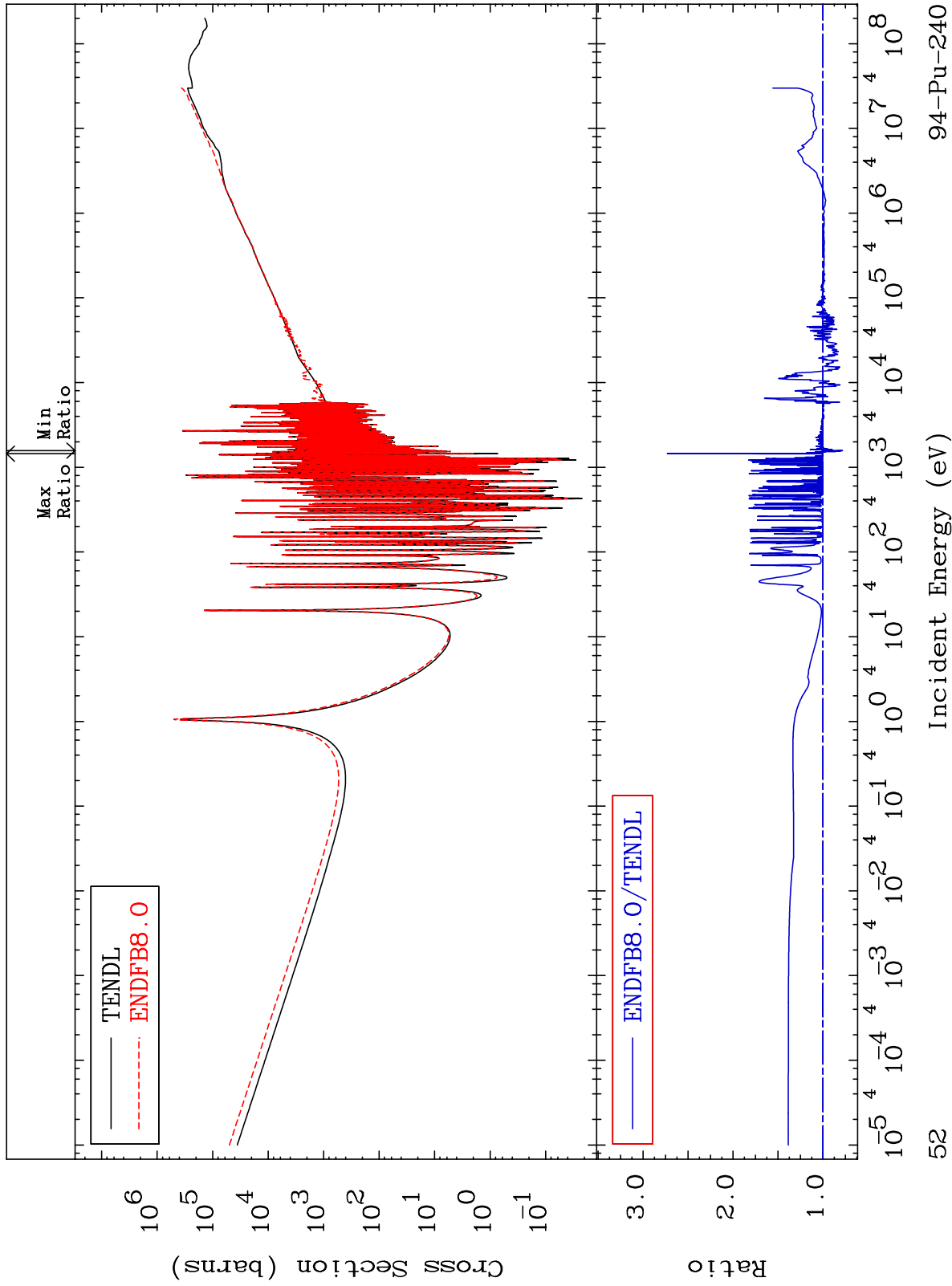
94-Pu-240
-90.66 To 218.9 %



MAT 9440

Dpa total (eV-barns)
Cross Section

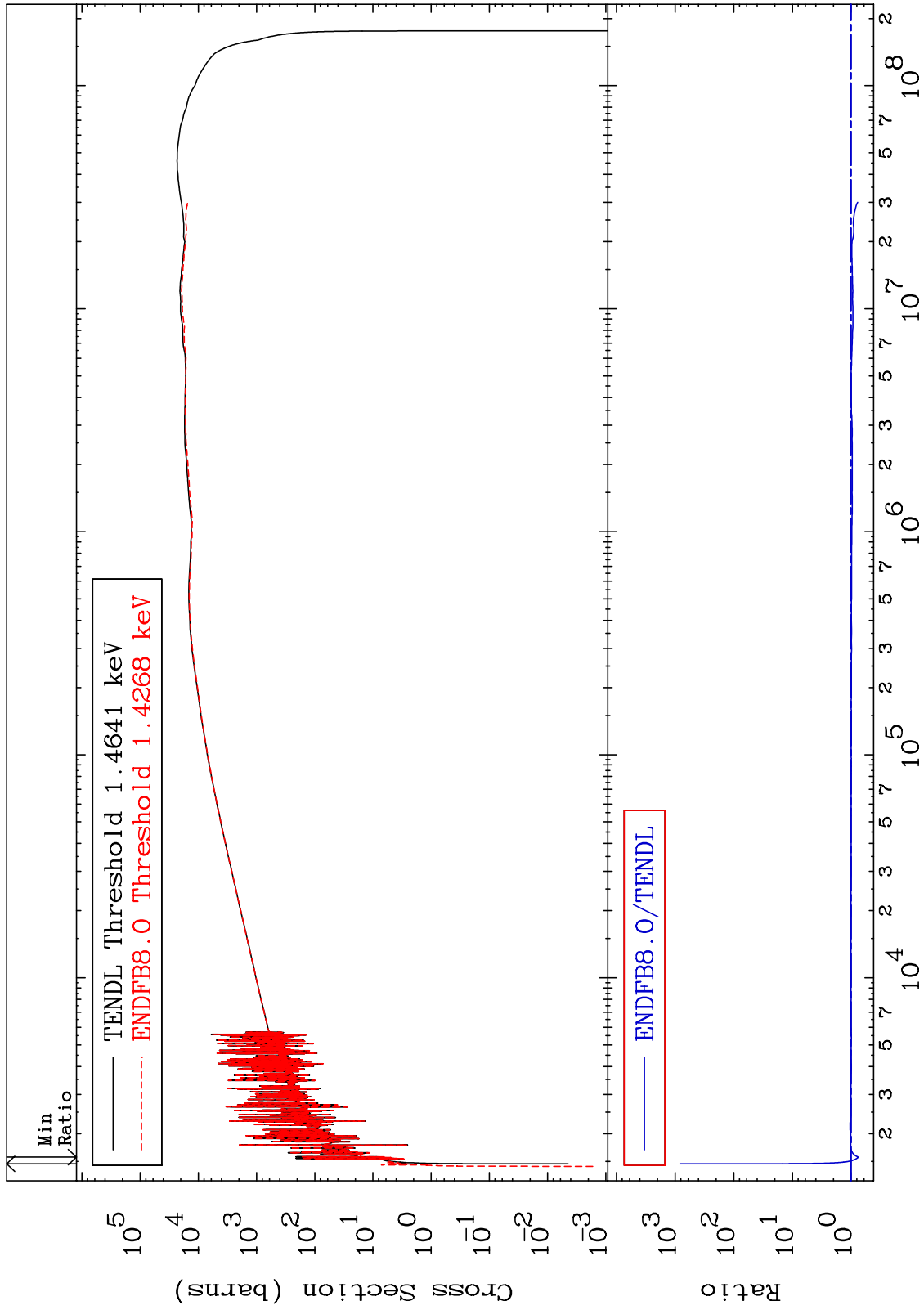
94-Pu-240
-21.90 To 172.9 %



MAT 9440

Dpa elastic (mt2)
Cross Section

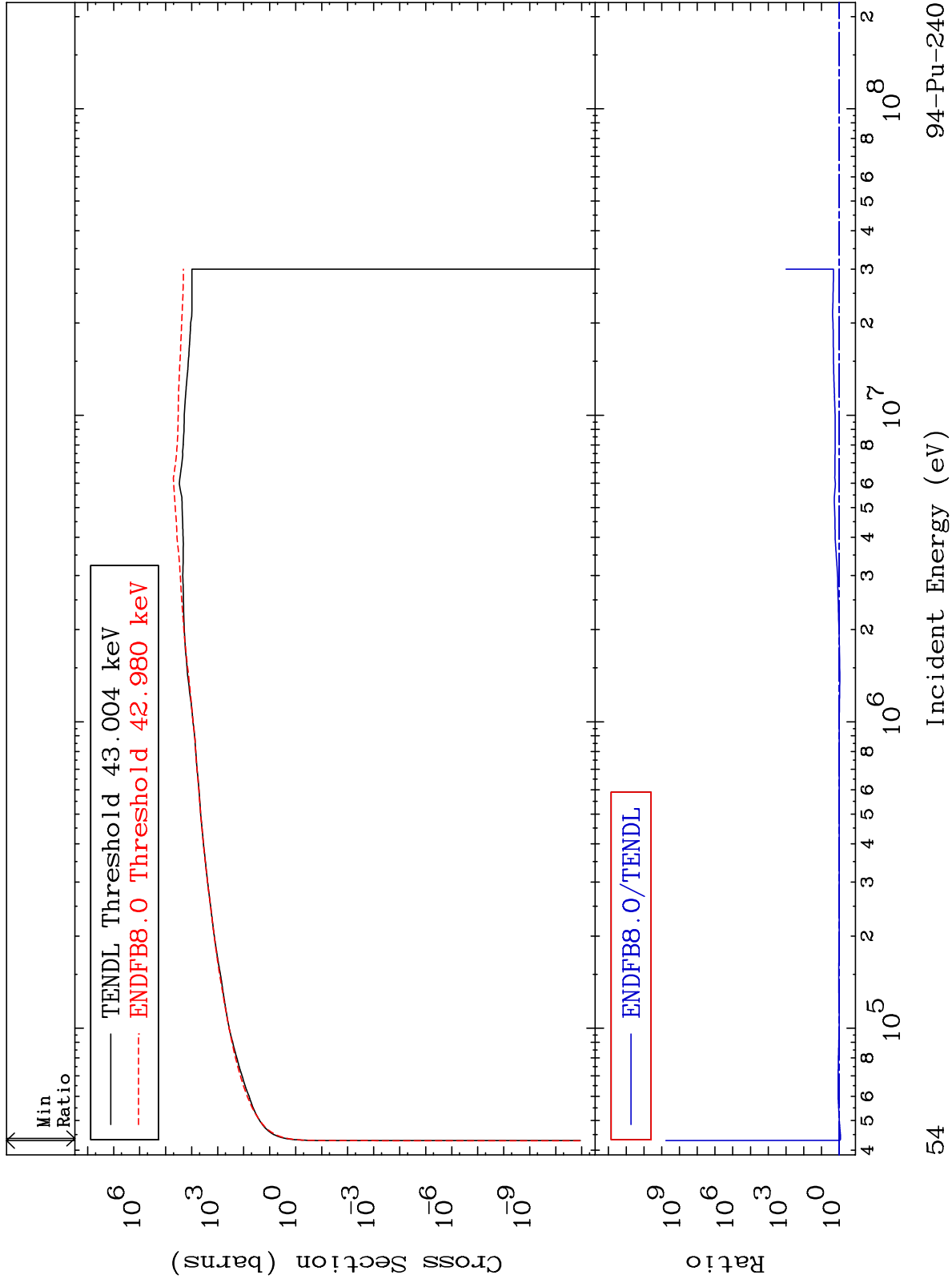
94-Pu-240
-25.09 To 9999. %



MAT 9440

Dpa inelastic (mt51-91)
Cross Section

94-Pu-240
-15.26 To 9999. %



MAT 9440

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-240
-100.0 To 9999. %

