

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

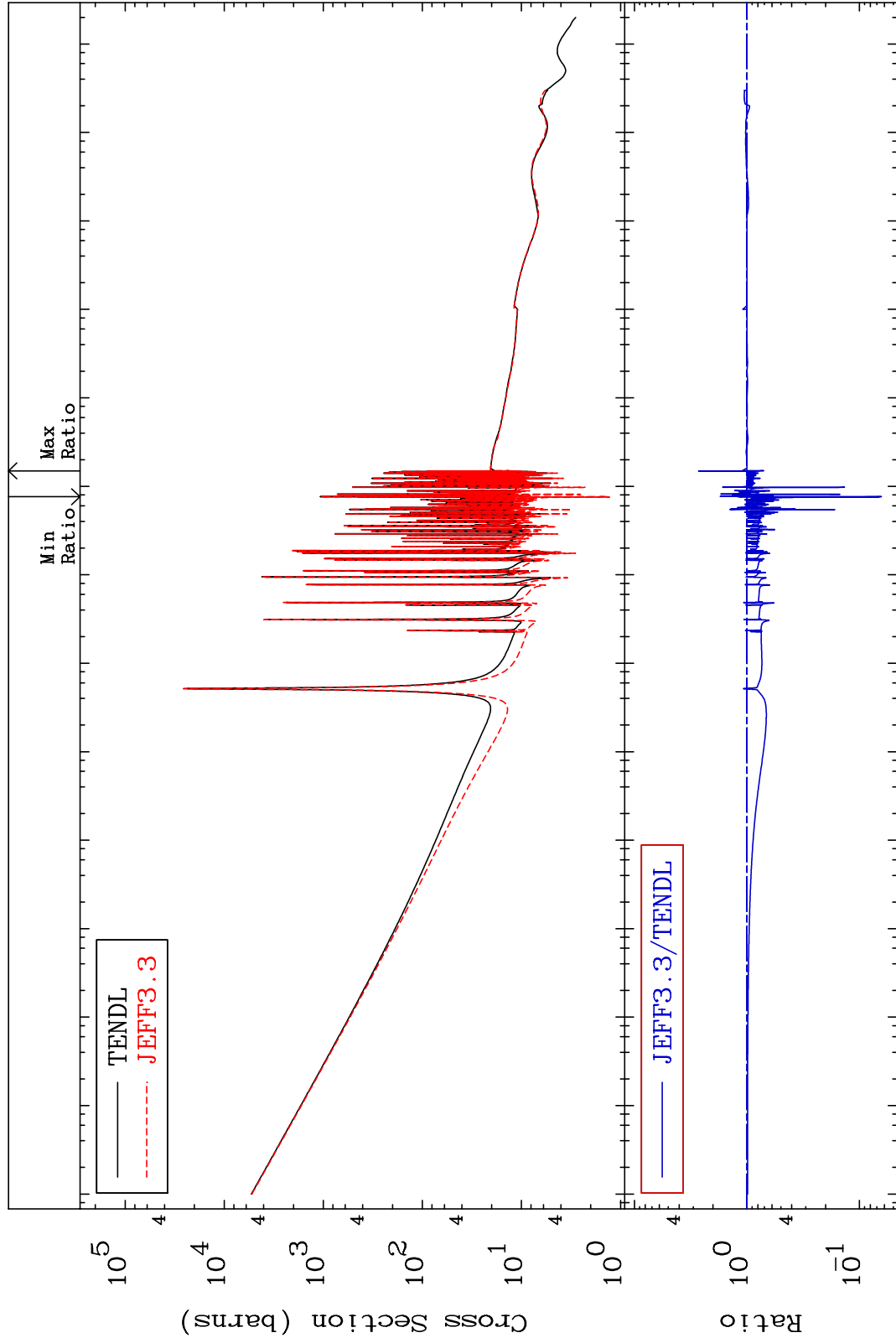
MAT 9225

Total

92-U -234

-93.64 To 168.2 %

Cross Section



— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

Ratio

Incident Energy (eV)

92-U -234

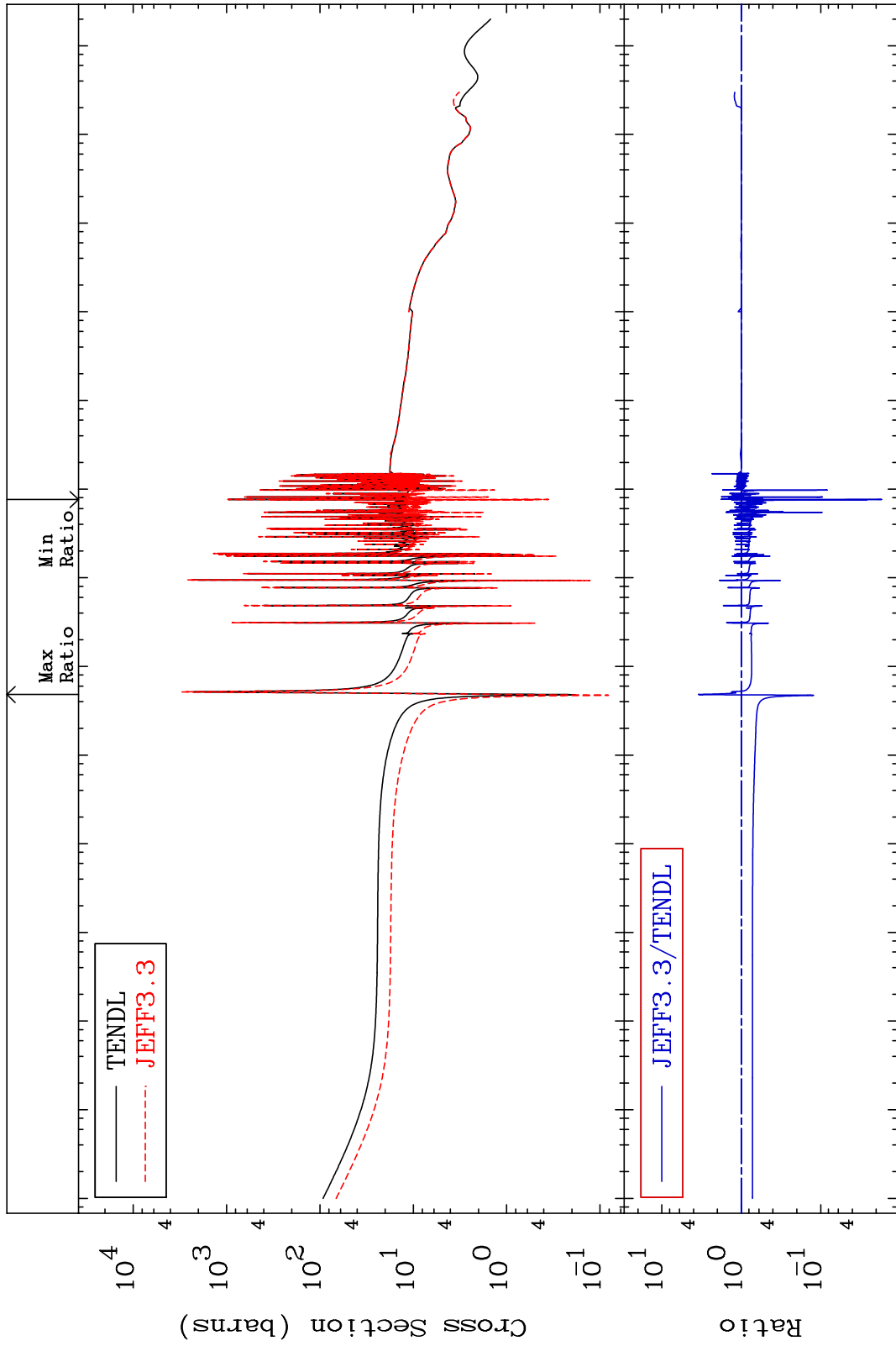
MAT 9225

Elastic

92-U -234

Cross Section

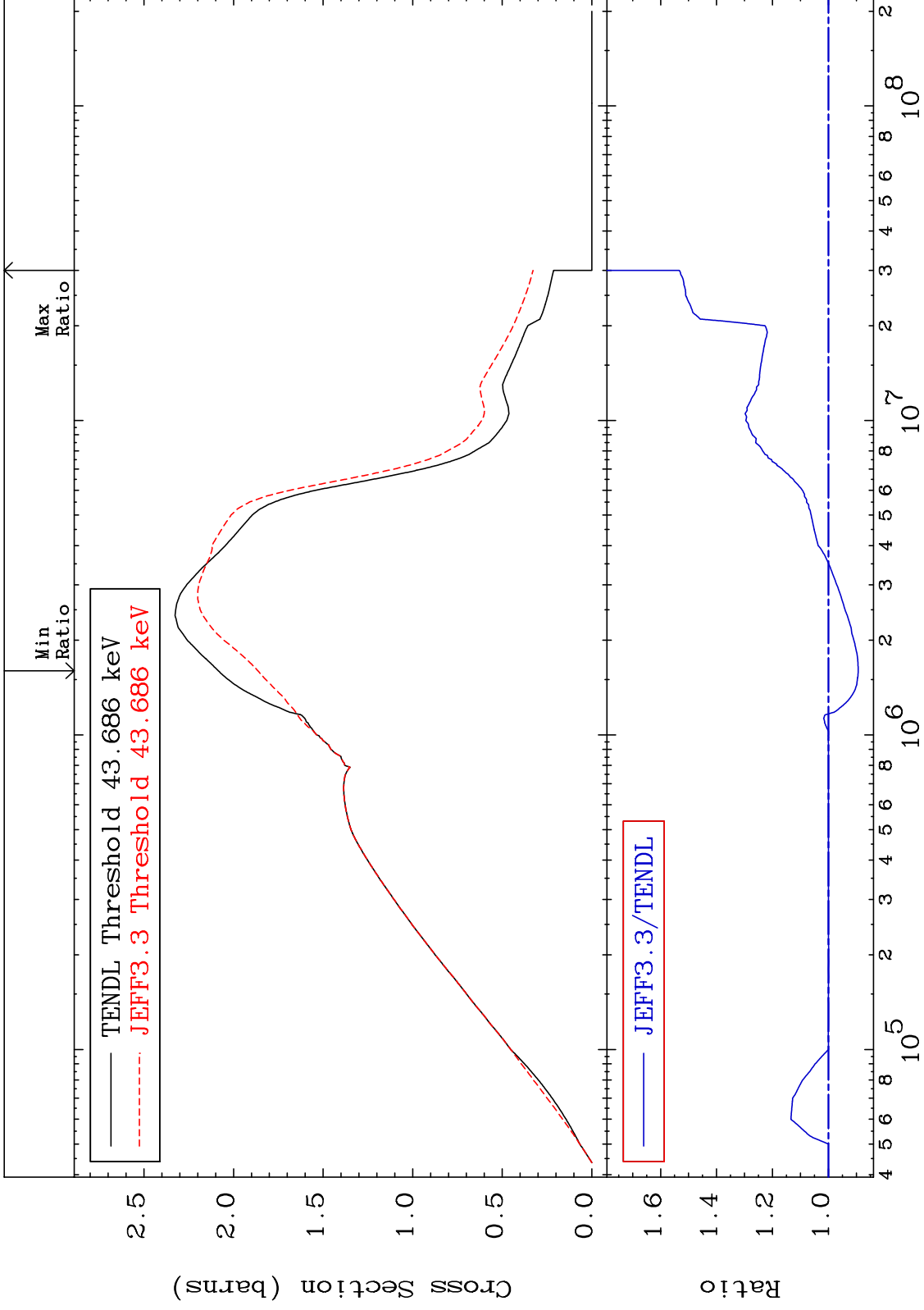
-98.29 To 247.3 %



MAT 9225

Inelastic
Cross Section

92-U -234
-10.62 To 53.30 %

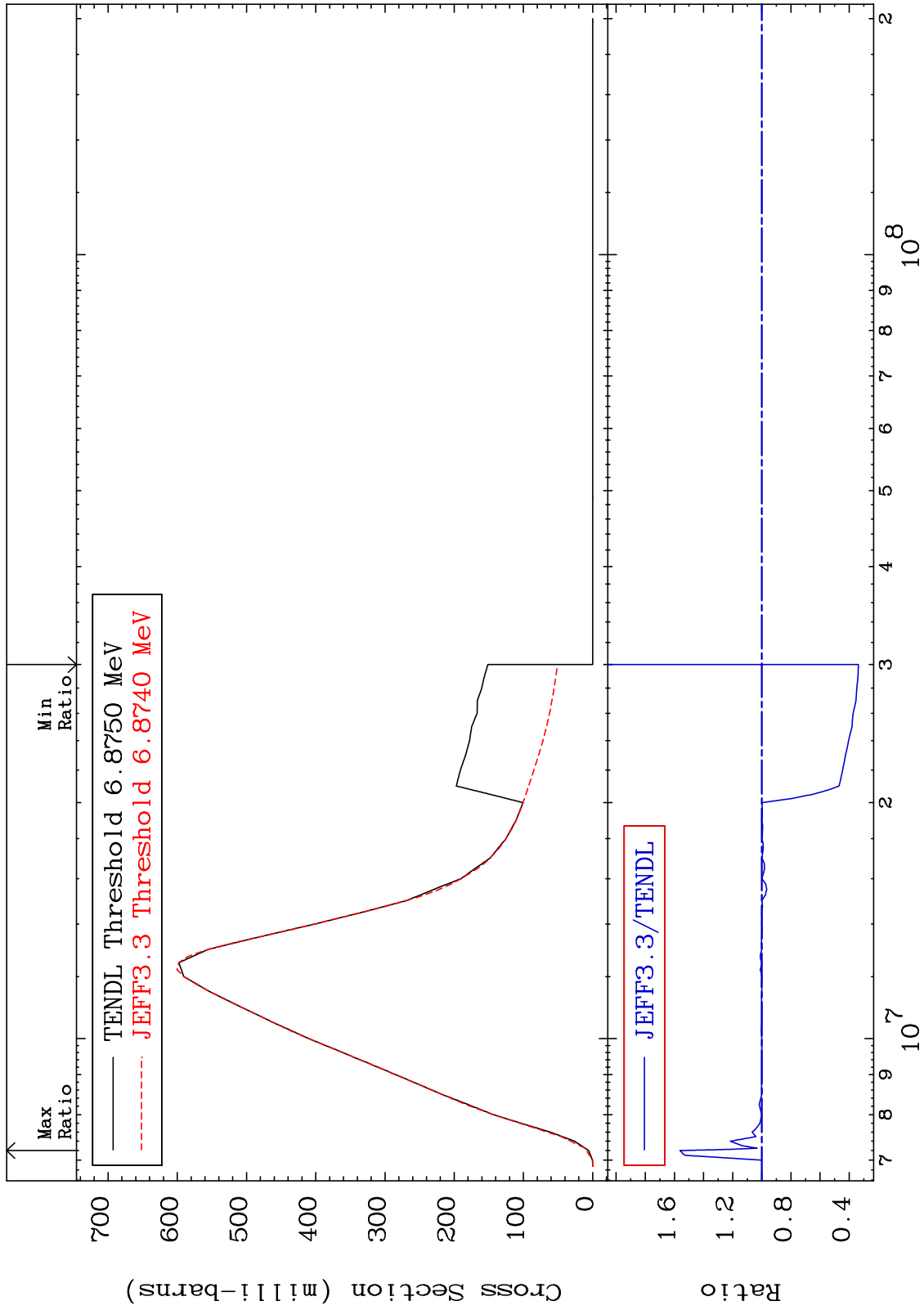


3

Incident Energy (eV)

92-U -234

MAT 9225 (n,2n) Cross Section 92-U -234 -66.32 To 56.15 %



4 Incident Energy (eV) 92-U -234

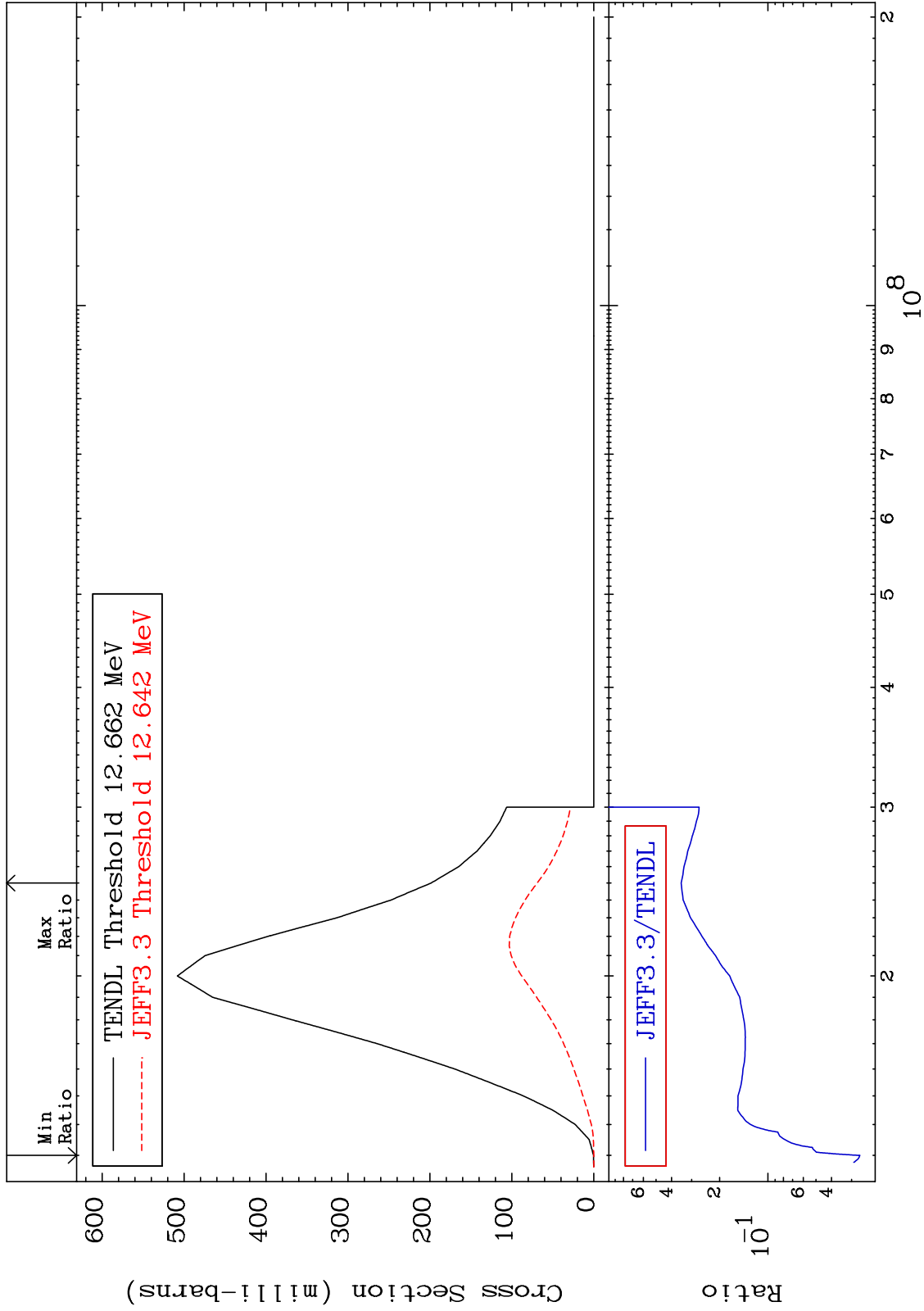
MAT 9225

(n, 3n)

92-U -234

Cross Section

-97.34 To -65.19%



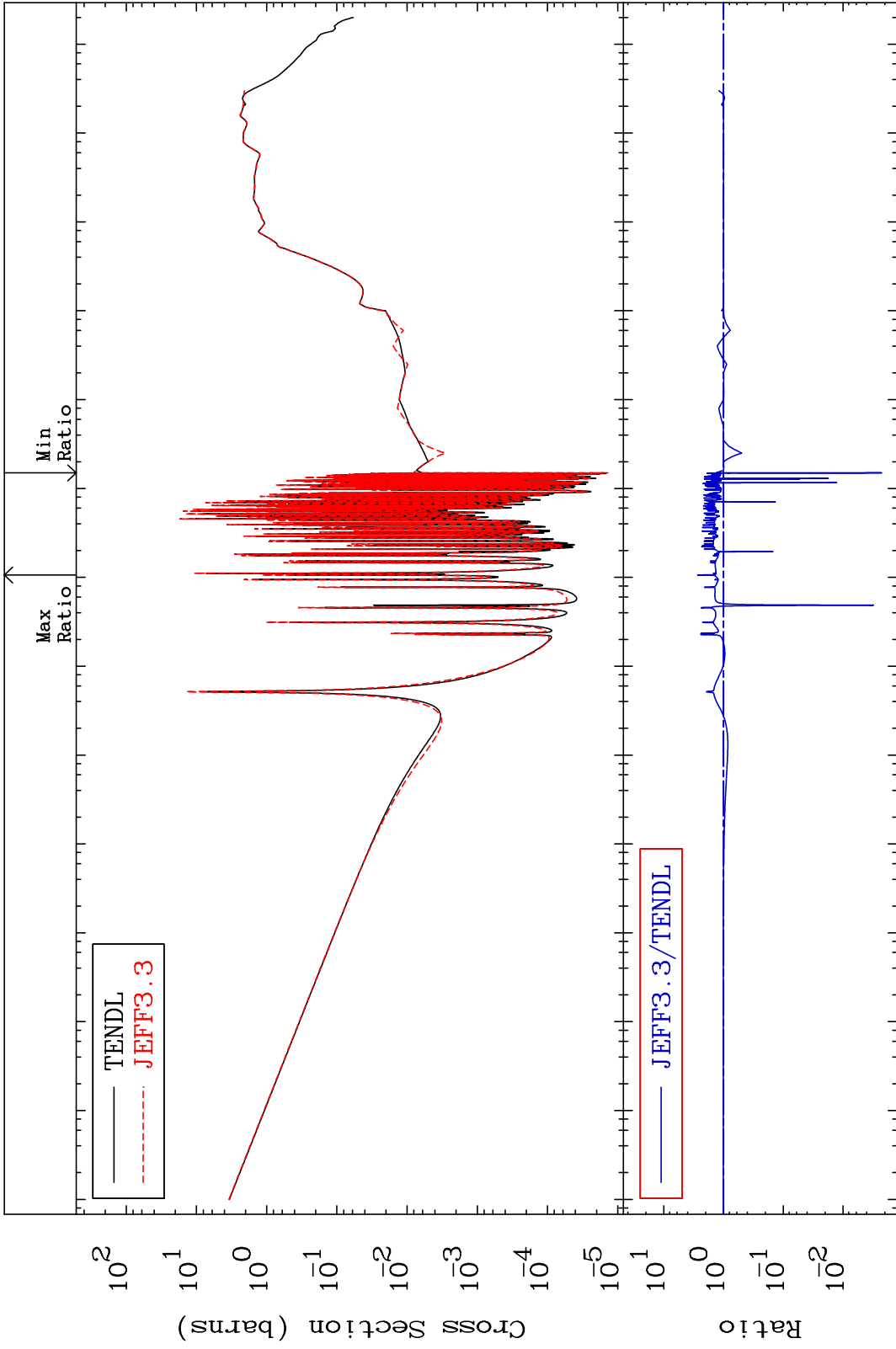
MAT 9225

Fission

92-U -234

-99.77 To 169.7 %

Cross Section

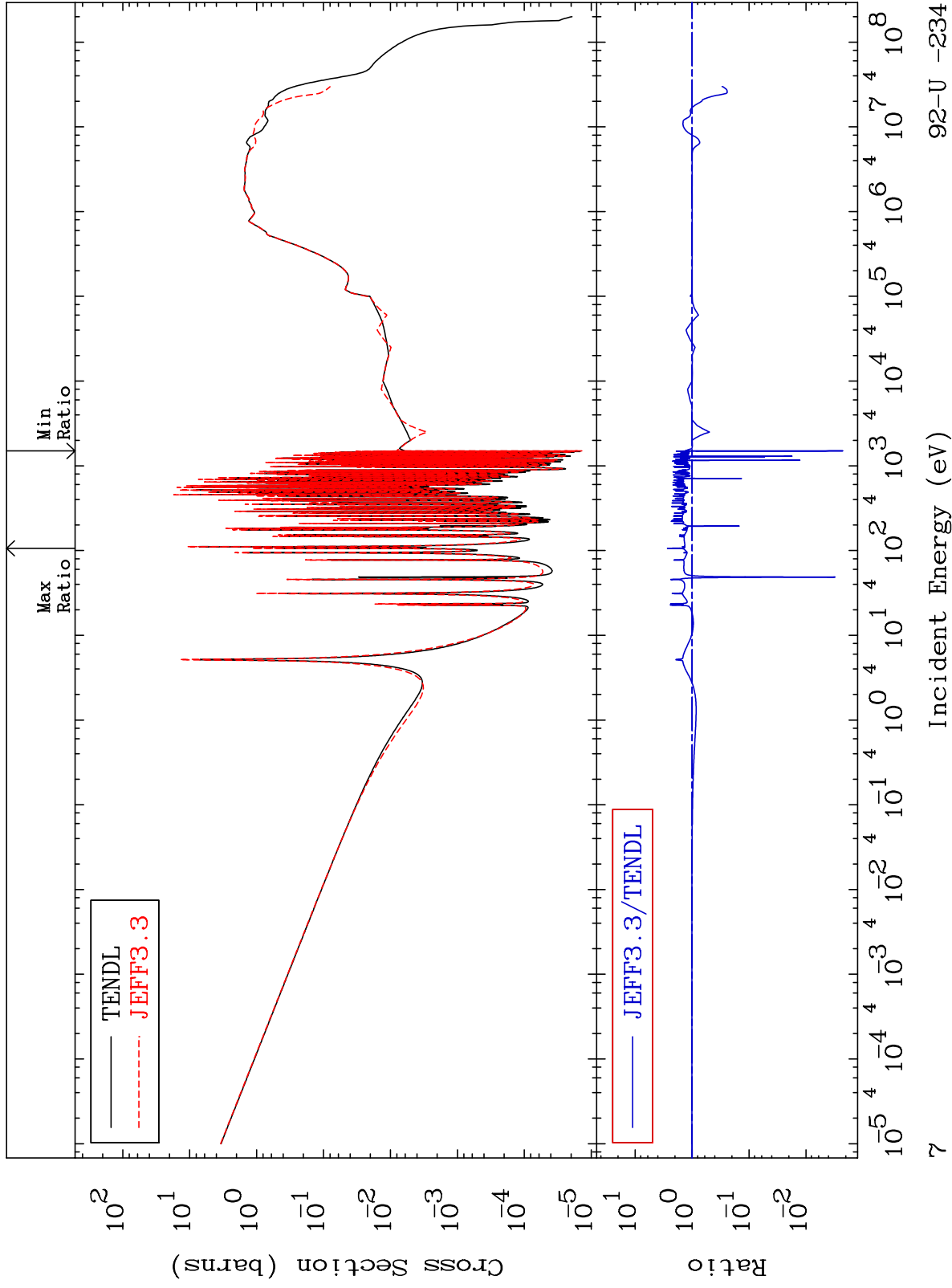


Incident Energy (eV) 92-U -234

MAT 9225

(n,f) First Chance
Cross Section

92-U -234
-99.77 To 169.7 %



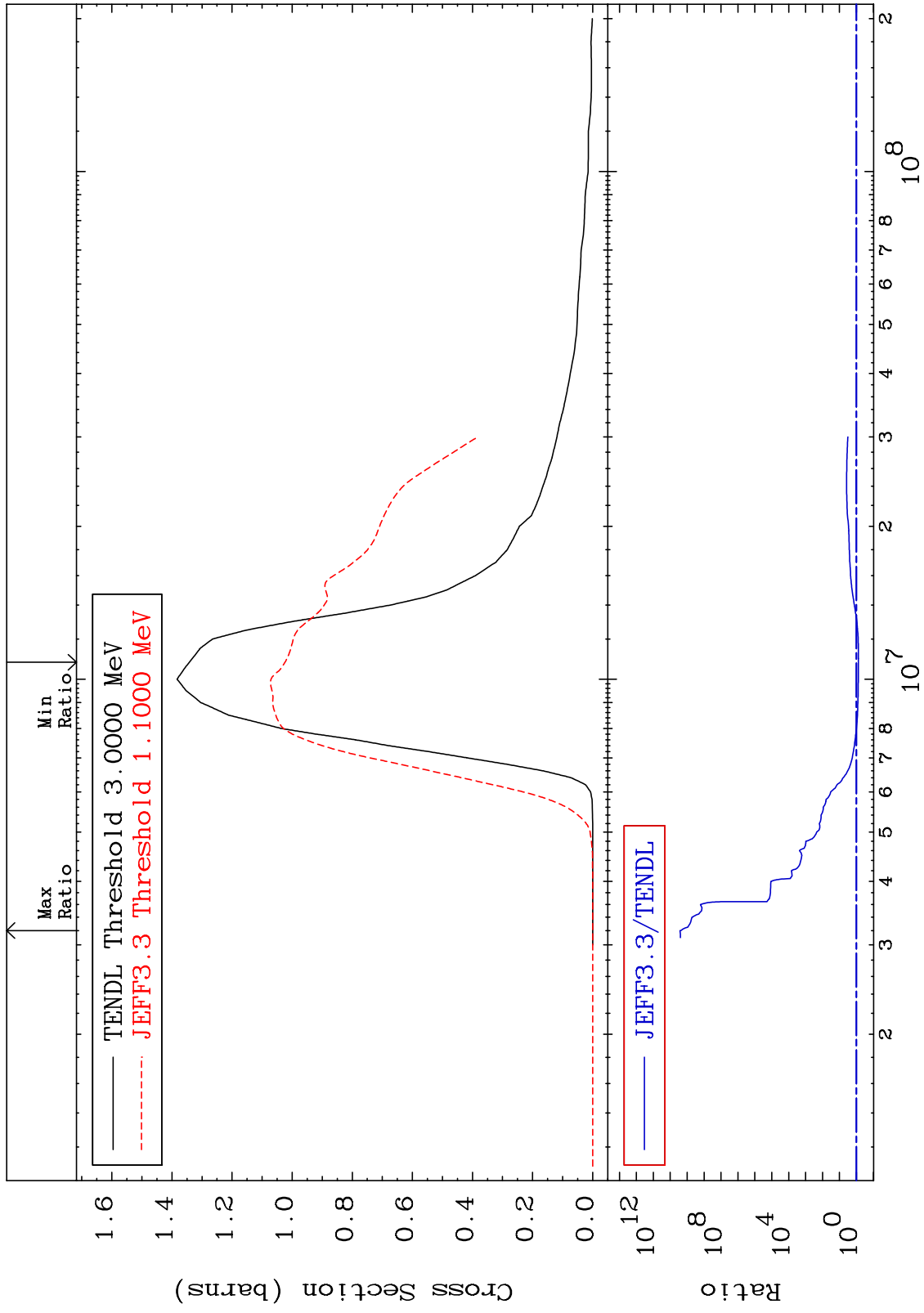
92-U -234

Incident Energy (eV)

MAT 9225

(n, nf) Second Chance
Cross Section

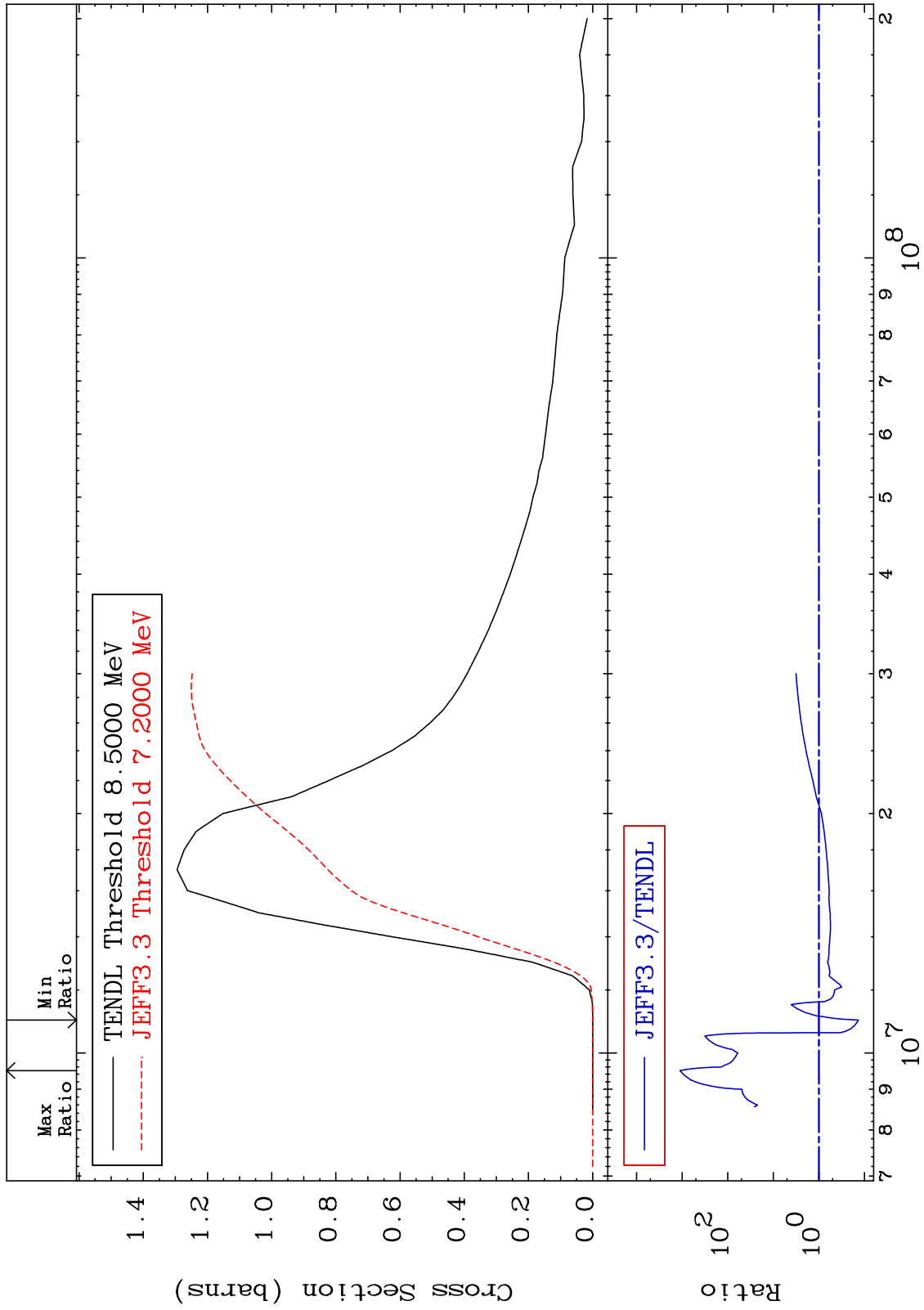
92-U -234
-23.71 To 9999. %



MAT 9225

(n,2nf) Third Chance
Cross Section

92-U -234
-86.35 To 9999. %



9

Incident Energy (eV)

92-U -234

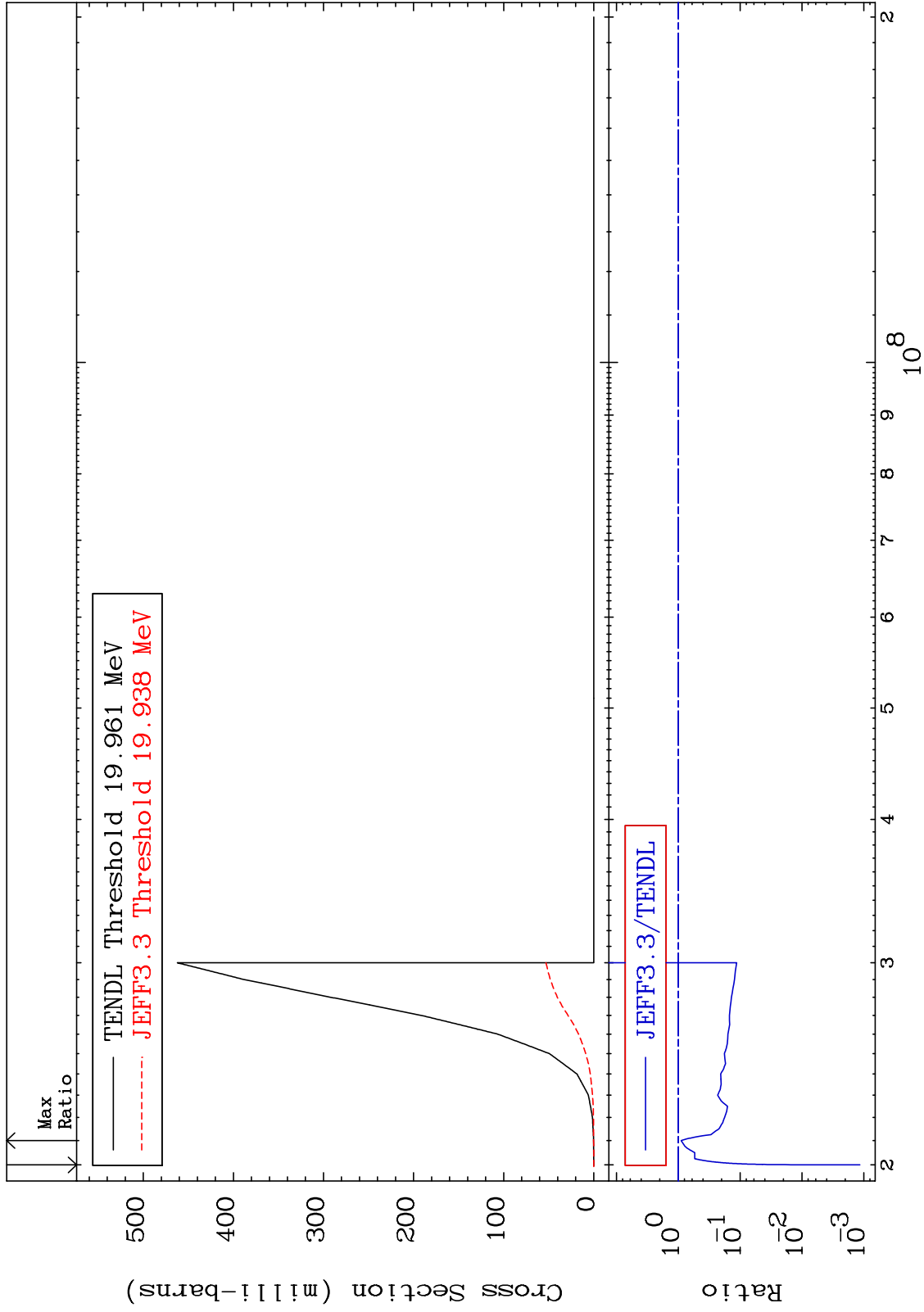
MAT 9225

(n, 4n)

92-U -234

Cross Section

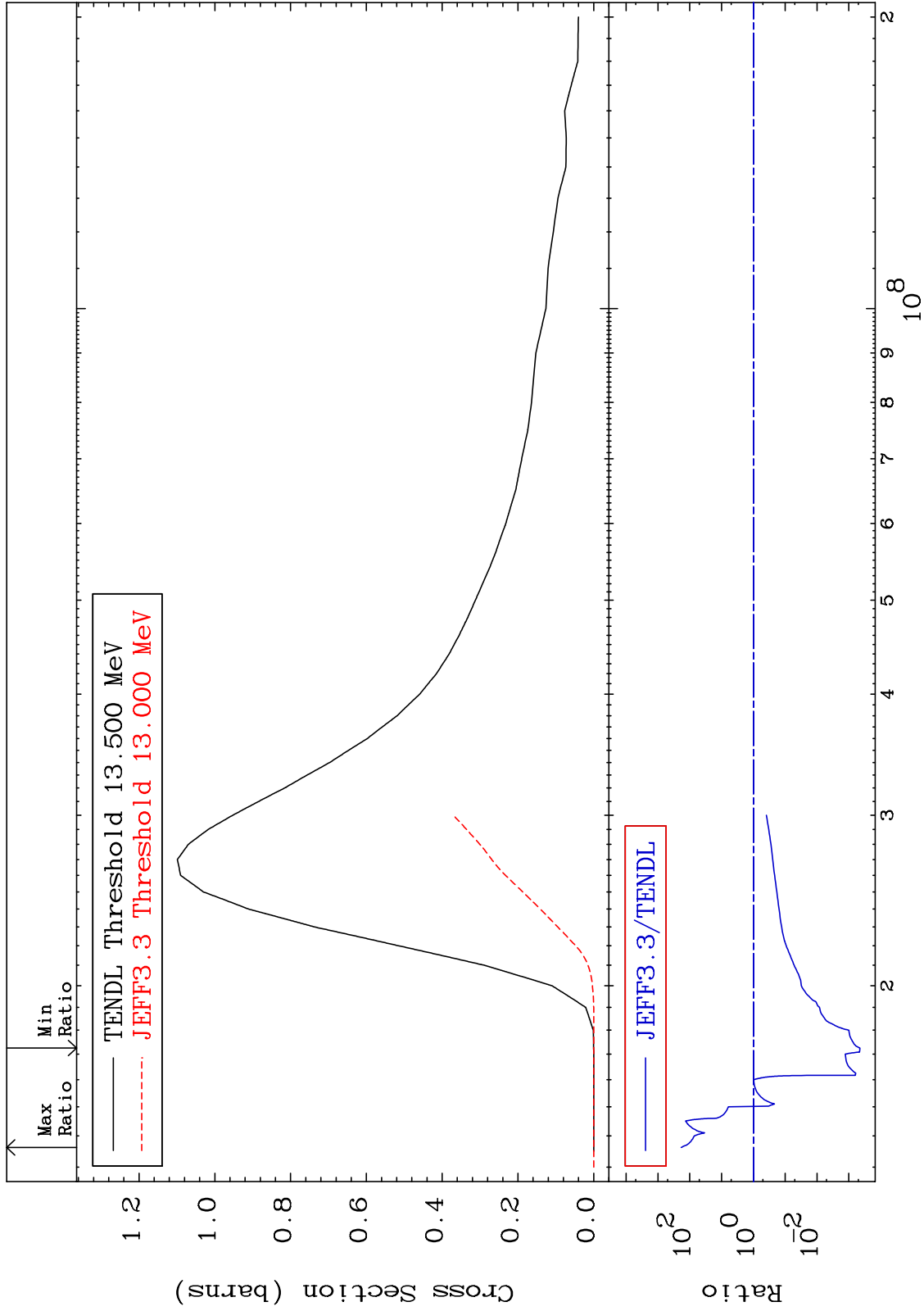
-99.88 To -9.980%



10

Incident Energy (eV)

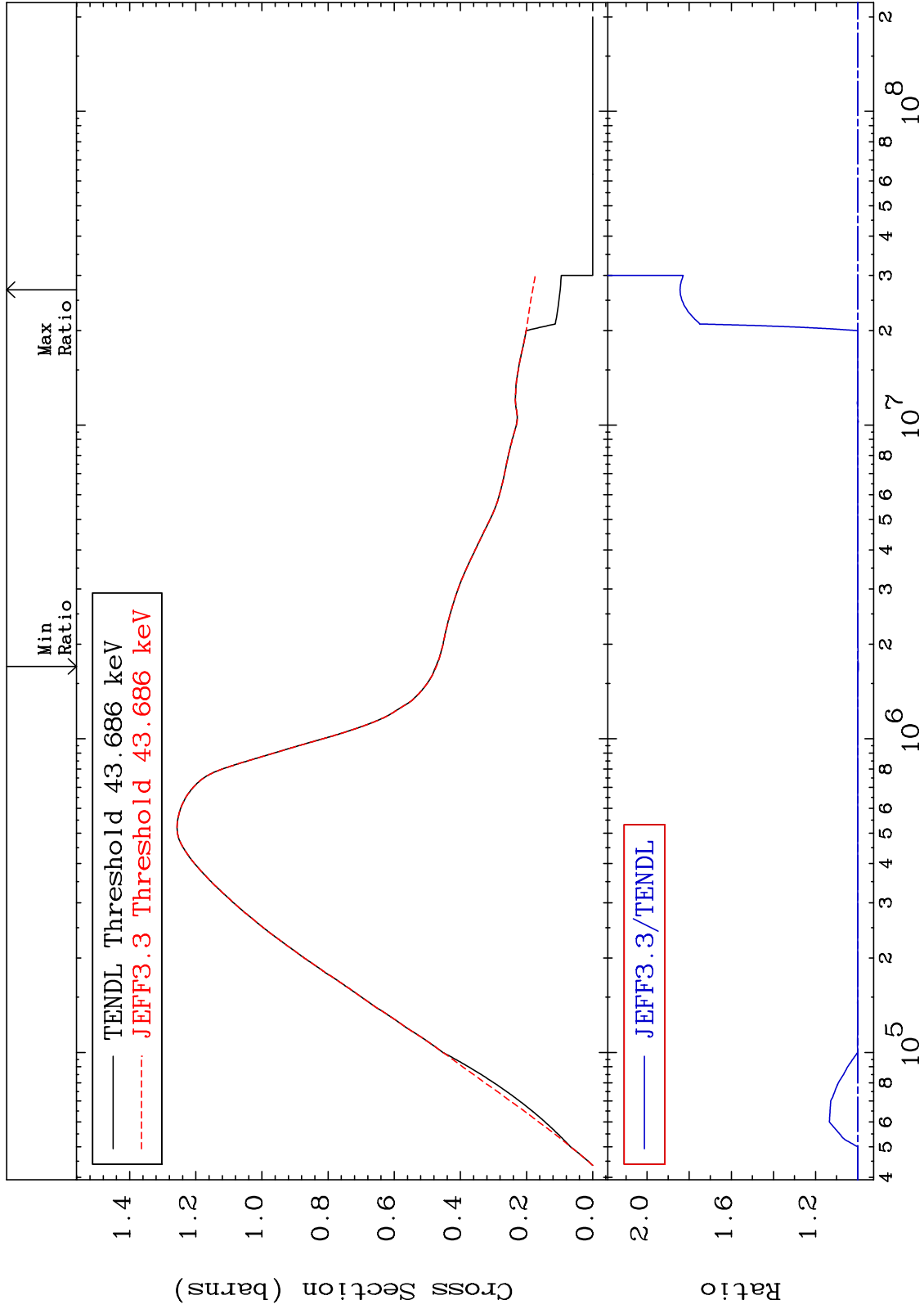
92-U -234

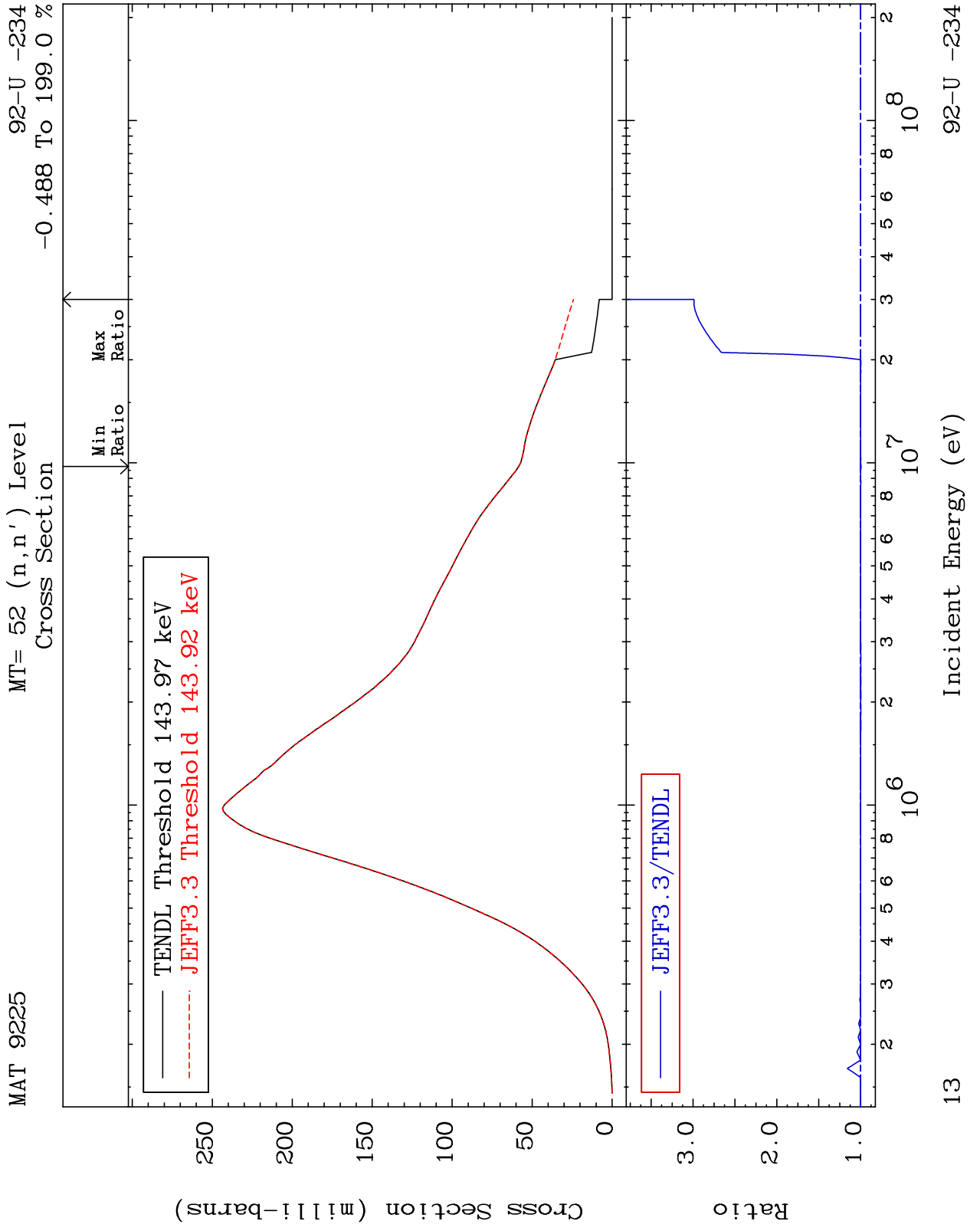


MAT 9225

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

92-U -234
-0.344 To 84.37 %

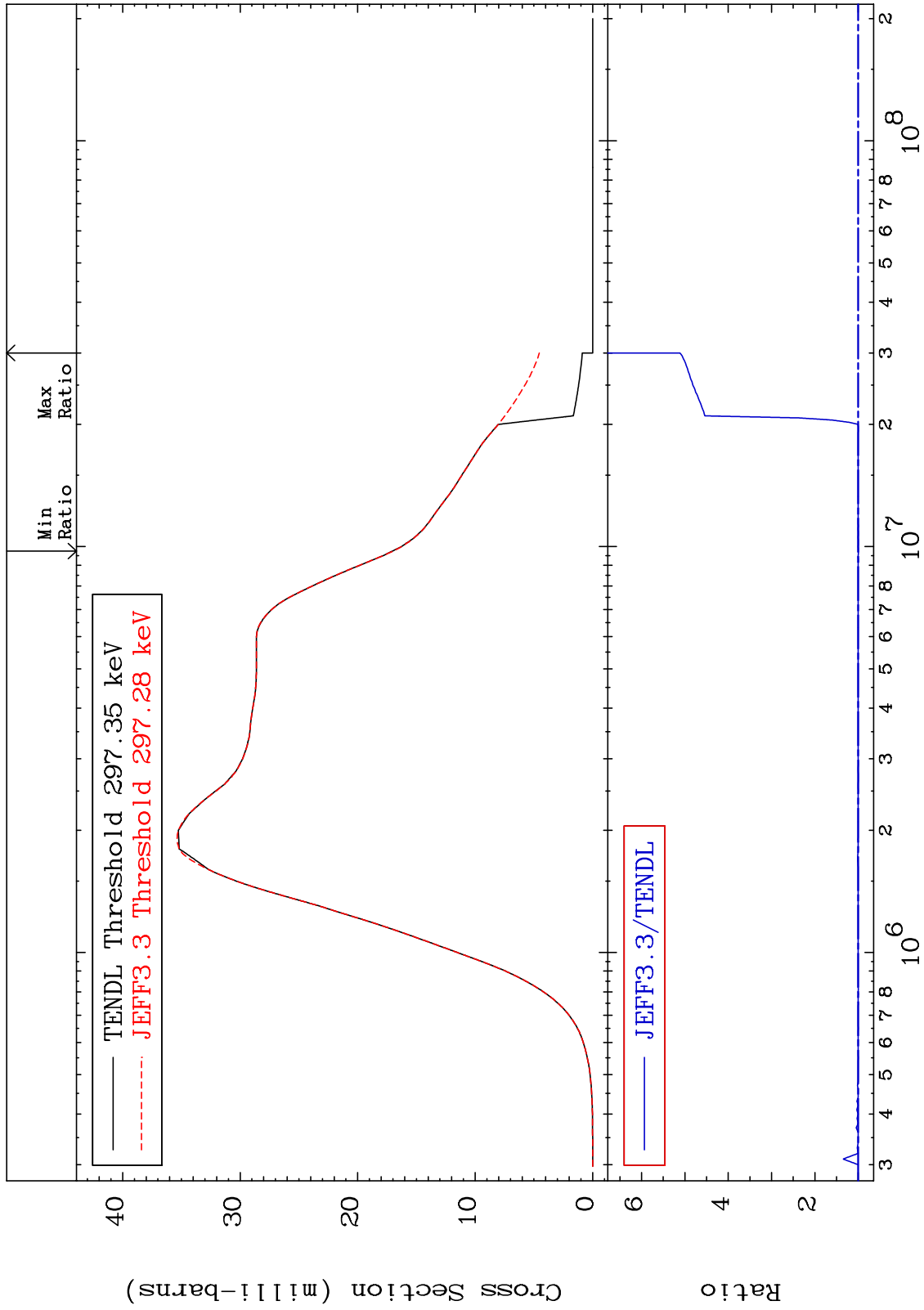




MAT 9225

MT= 53 (n,n') Level
Cross Section

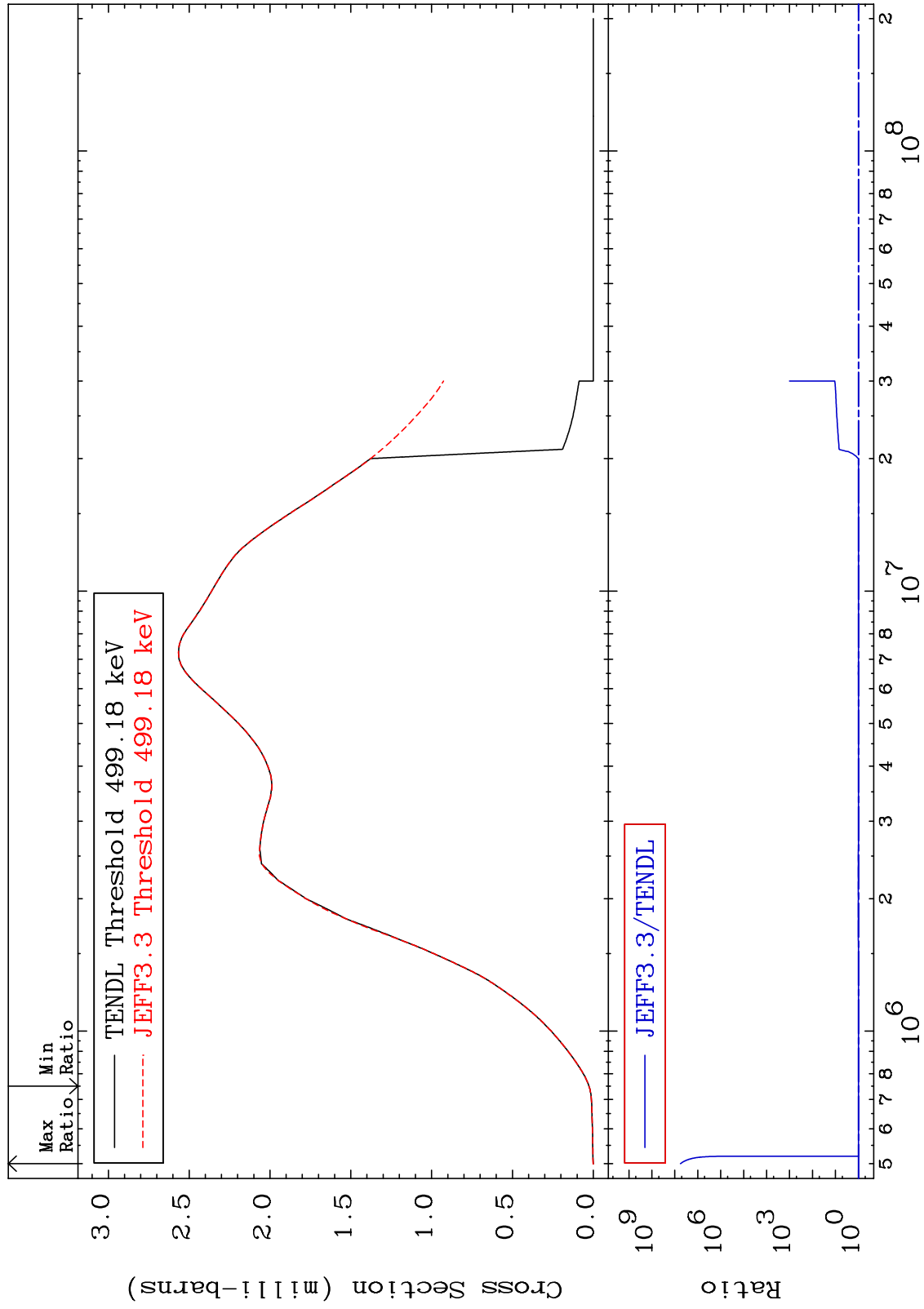
92-U -234
-0.445 To 411.2 %



MAT 9225

MT= 54 (n,n') Level
Cross Section

92-U -234
-1.484 To 9999. %



15

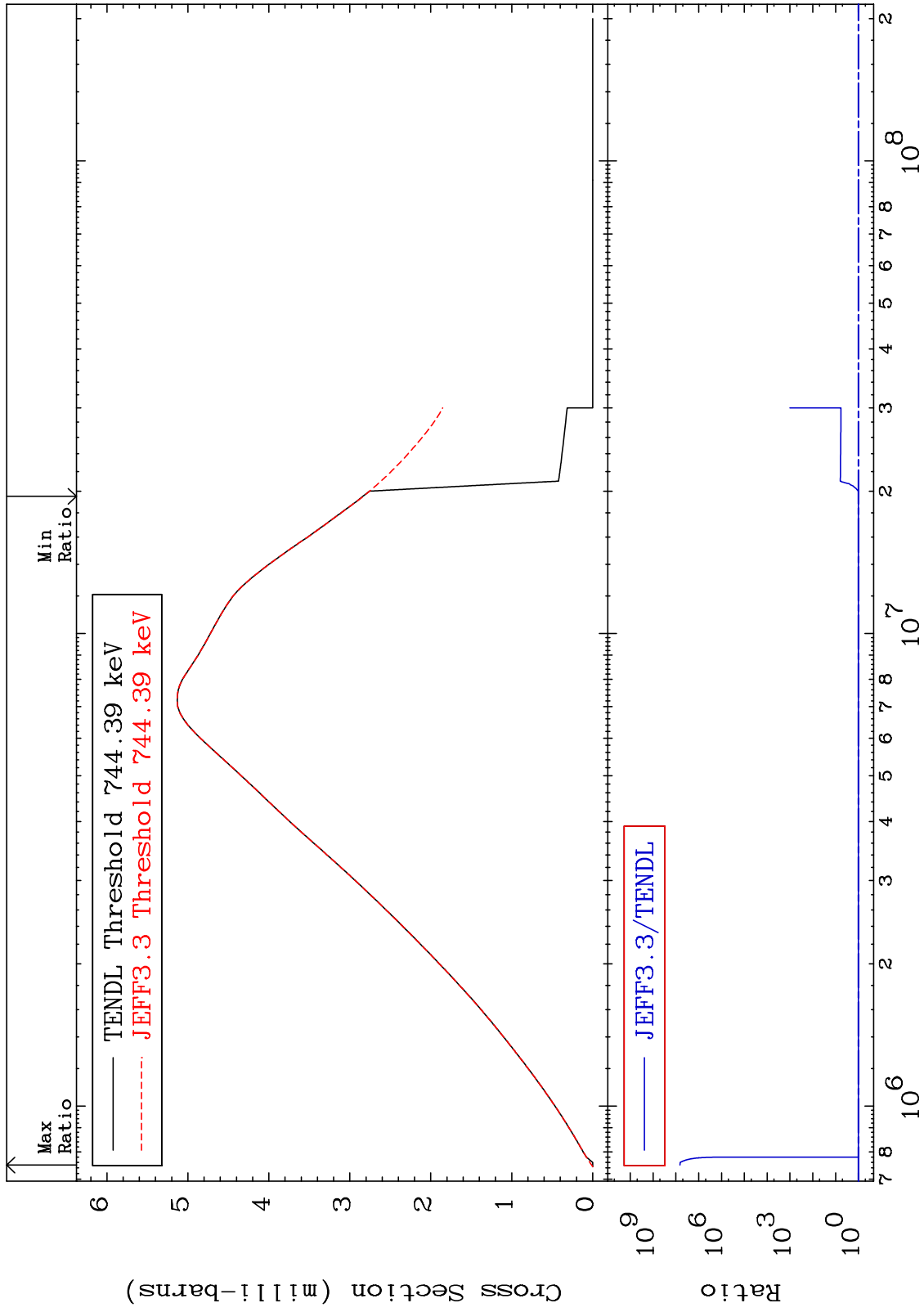
Incident Energy (eV)

92-U -234

MAT 9225

MT= 55 (n,n') Level
Cross Section

92-U -234
-0.129 To 9999. %



16

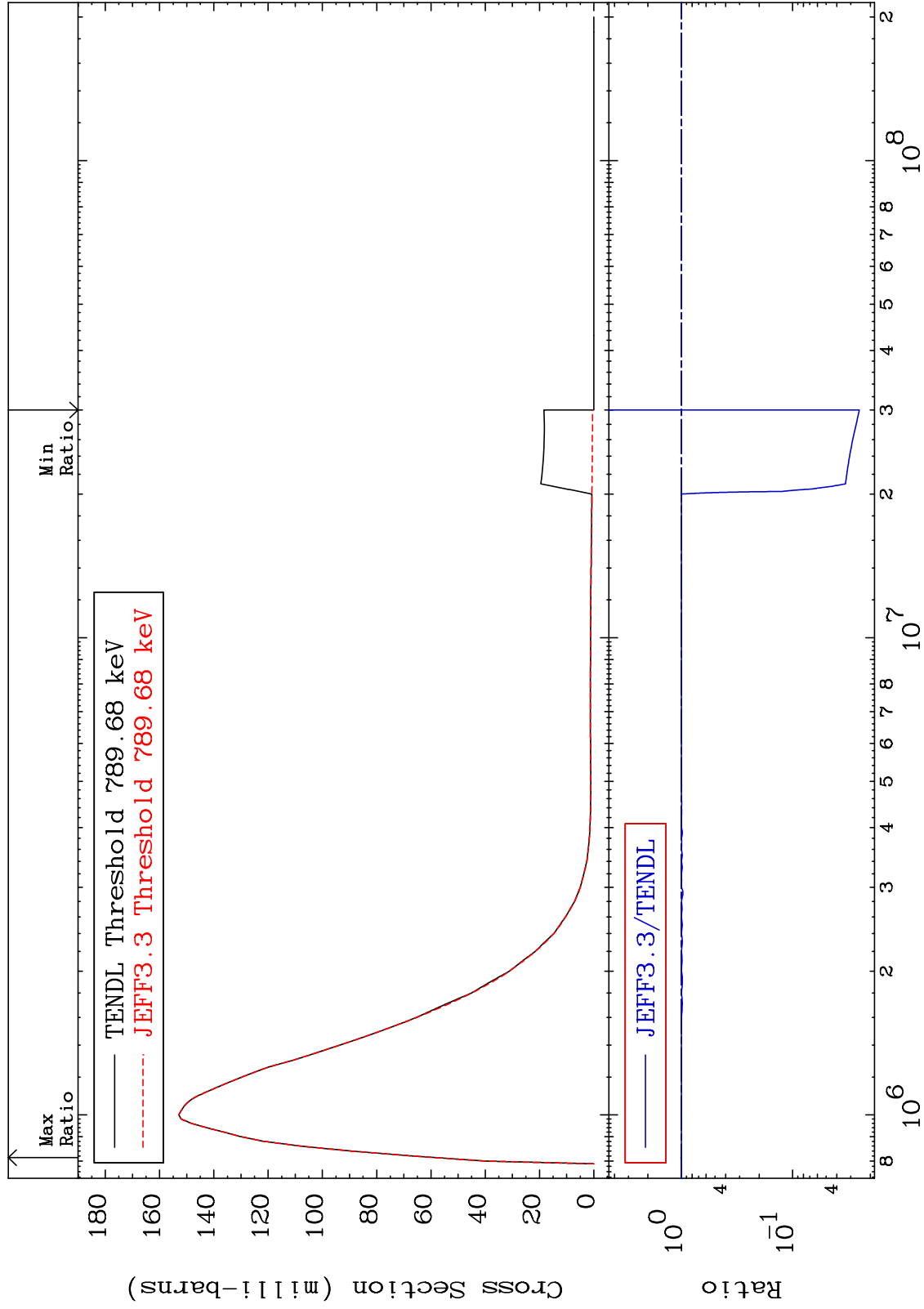
Incident Energy (eV)

92-U -234

MAT 9225

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

92-U -234
-97.49 To 0.775 %



17

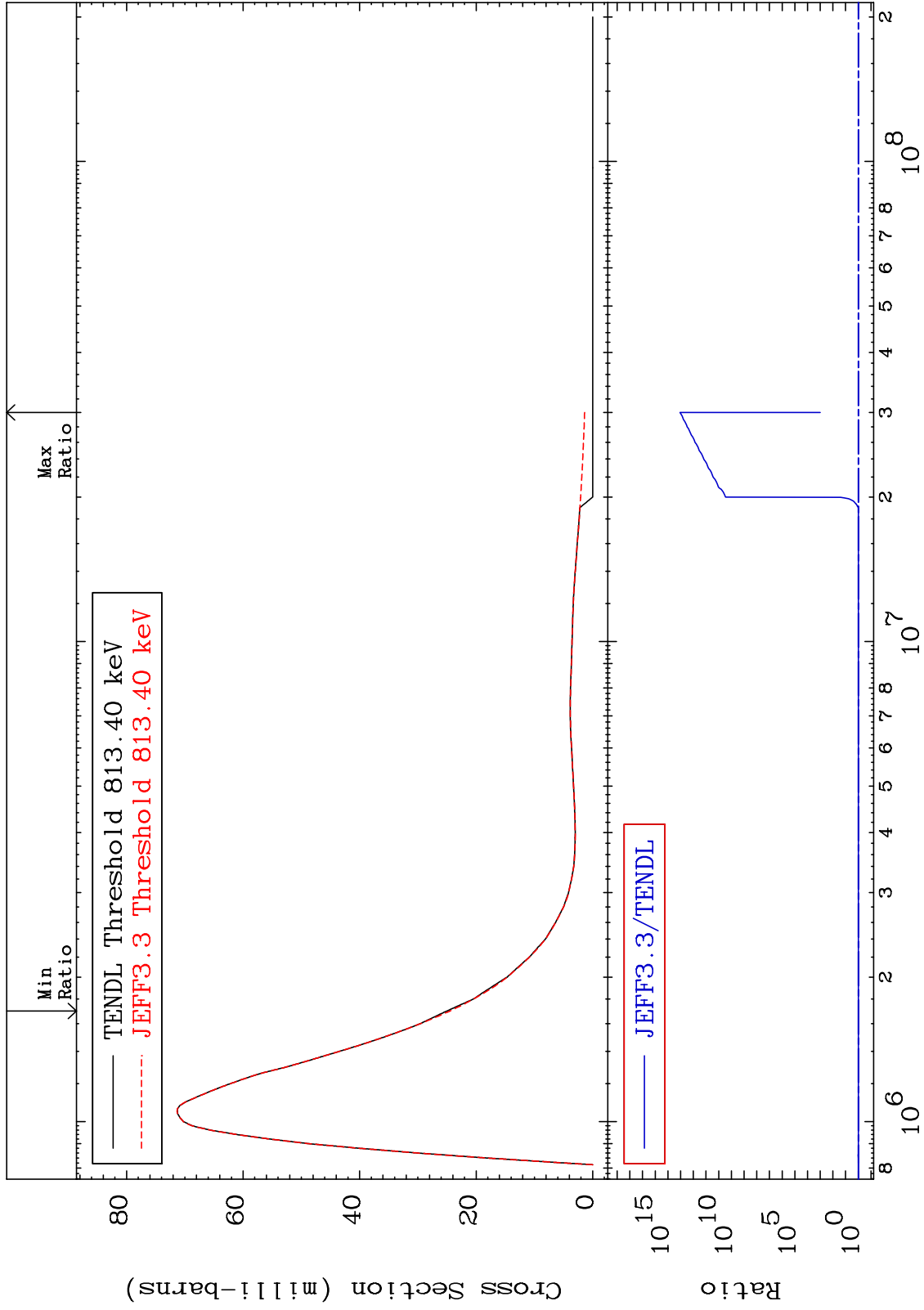
Incident Energy (eV)

92-U -234

MAT 9225

MT= 57 (n,n') Level
Cross Section

92-U -234
-2.133 To 9999. %



18

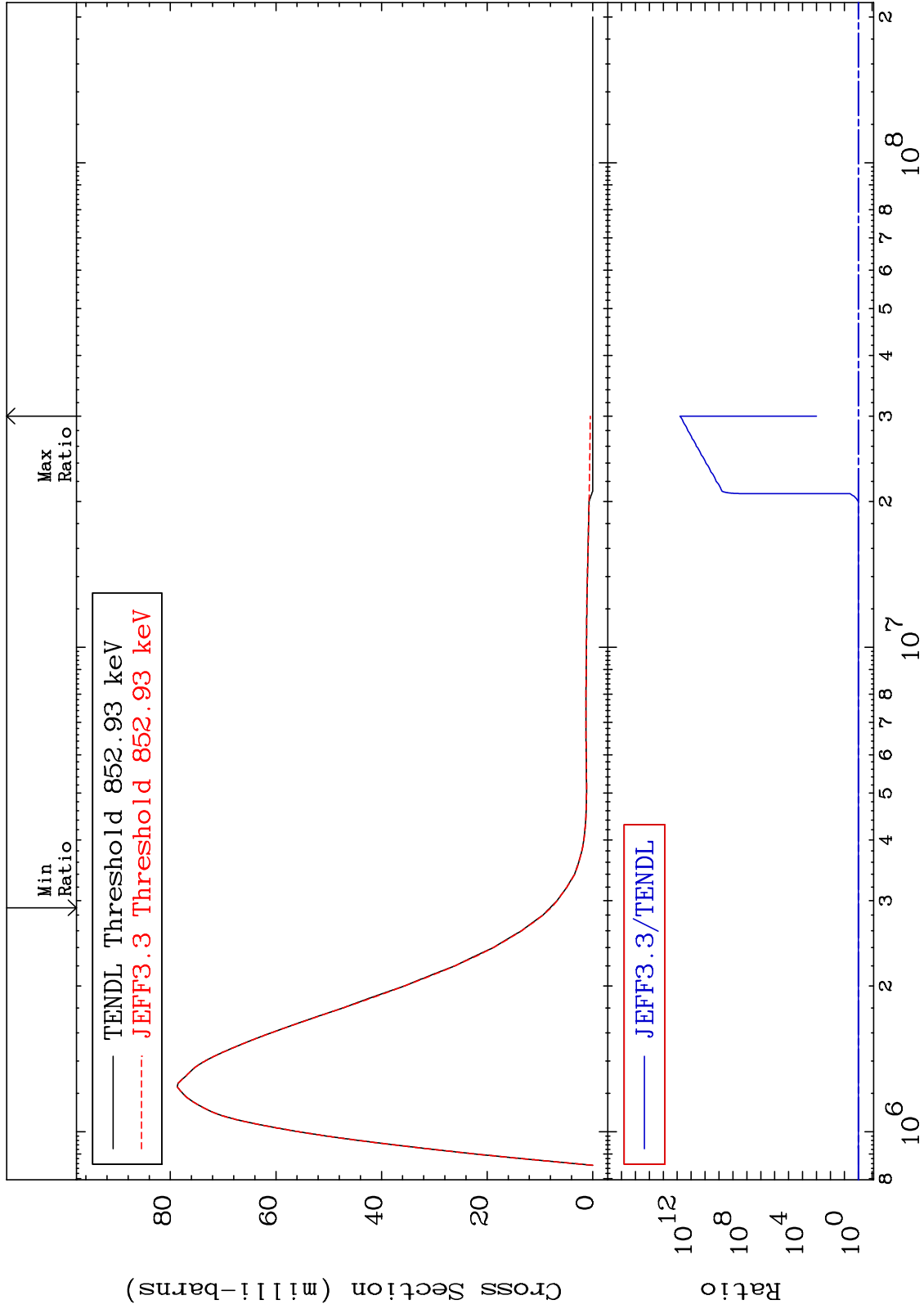
Incident Energy (eV)

92-U -234

MAT 9225

MT= 58 (n,n') Level
Cross Section

92-U -234
-2.342 To 9999. %



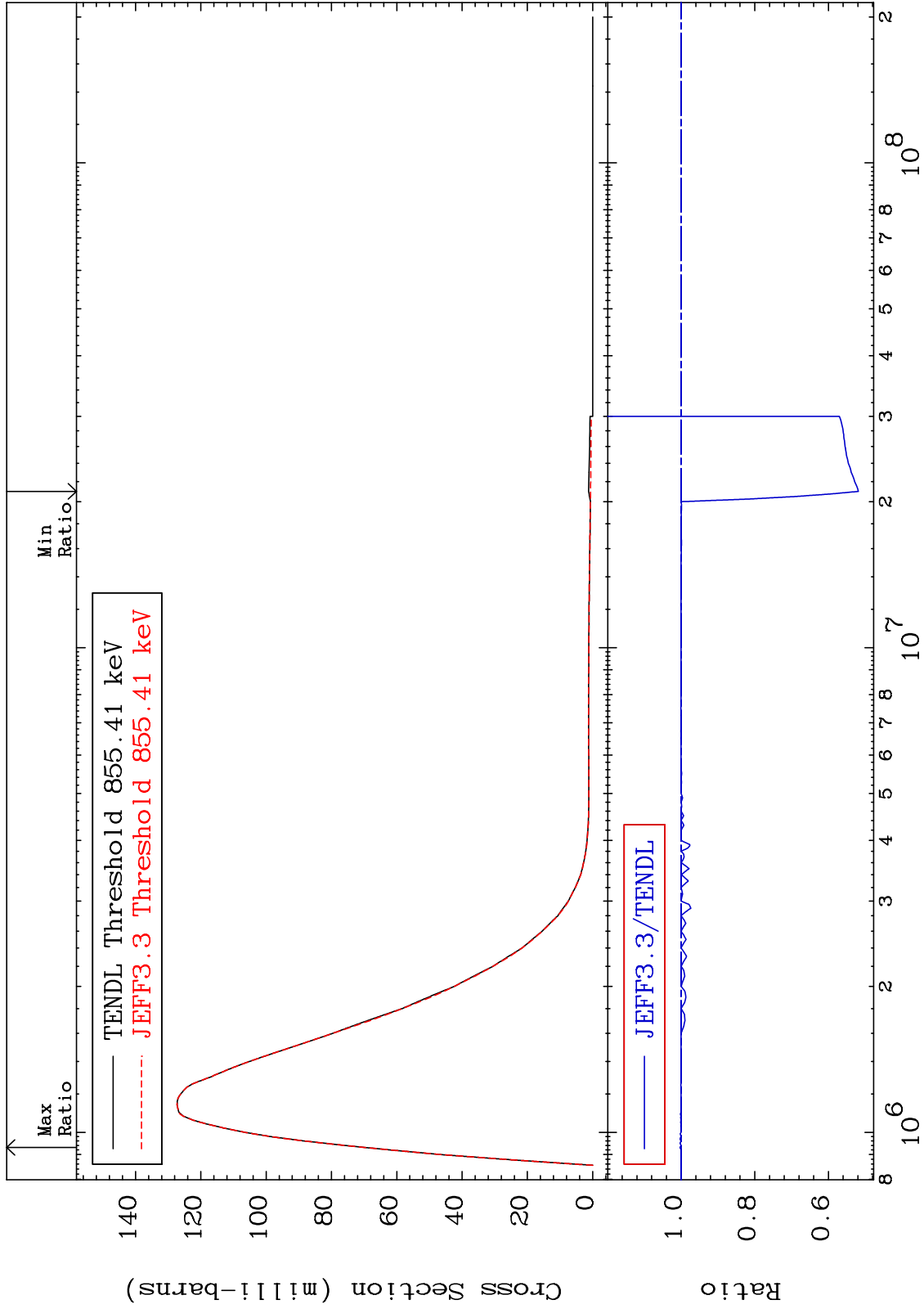
19

92-U -234

MAT 9225

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

92-U -234
-48.14 To 0.292 %

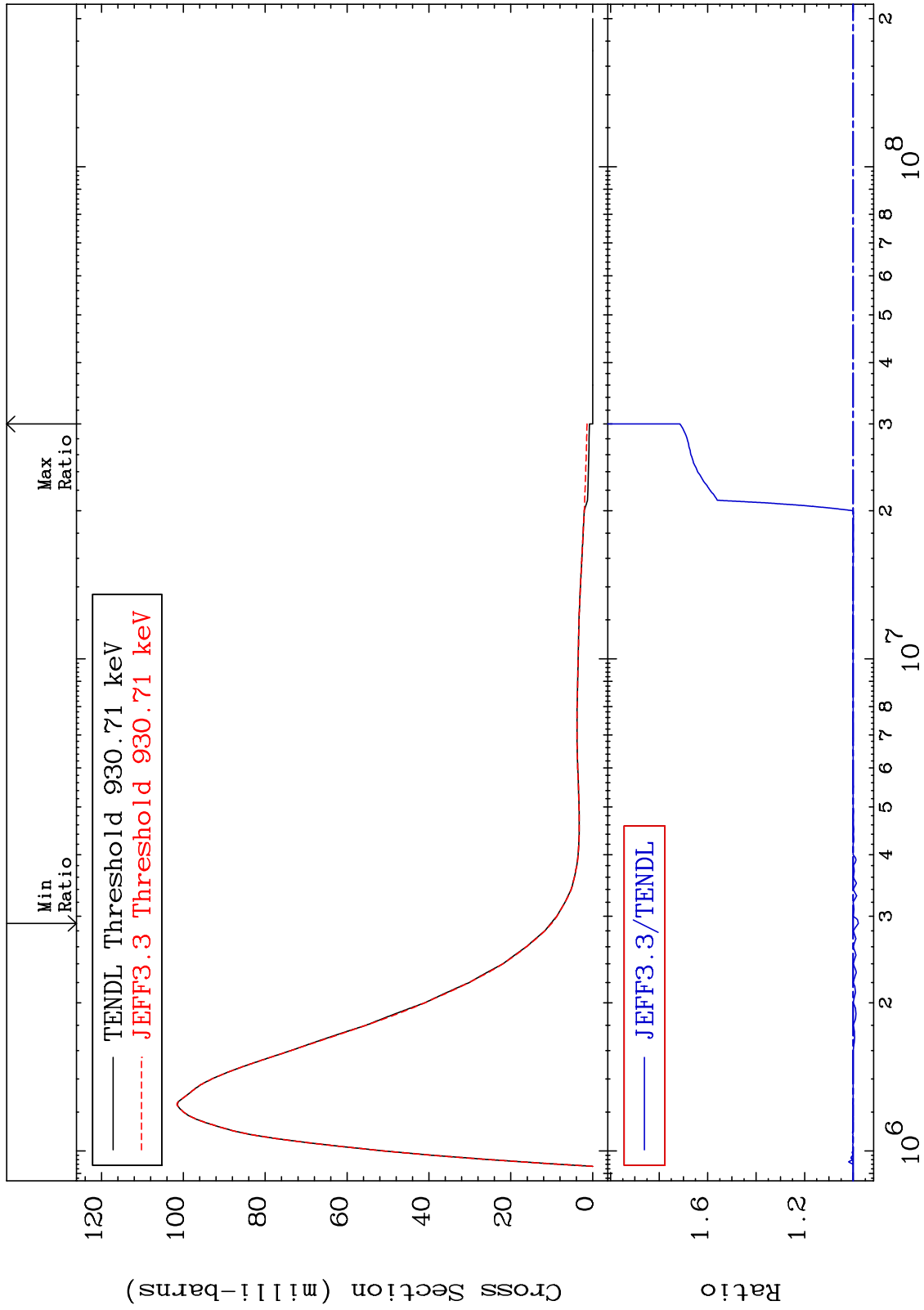


20 8 10⁶ 10⁷ 10⁸ 2 92-U -234

MAT 9225

MT= 60 (n,n') Level
Cross Section

92-U -234
-2.168 To 71.39 %



21

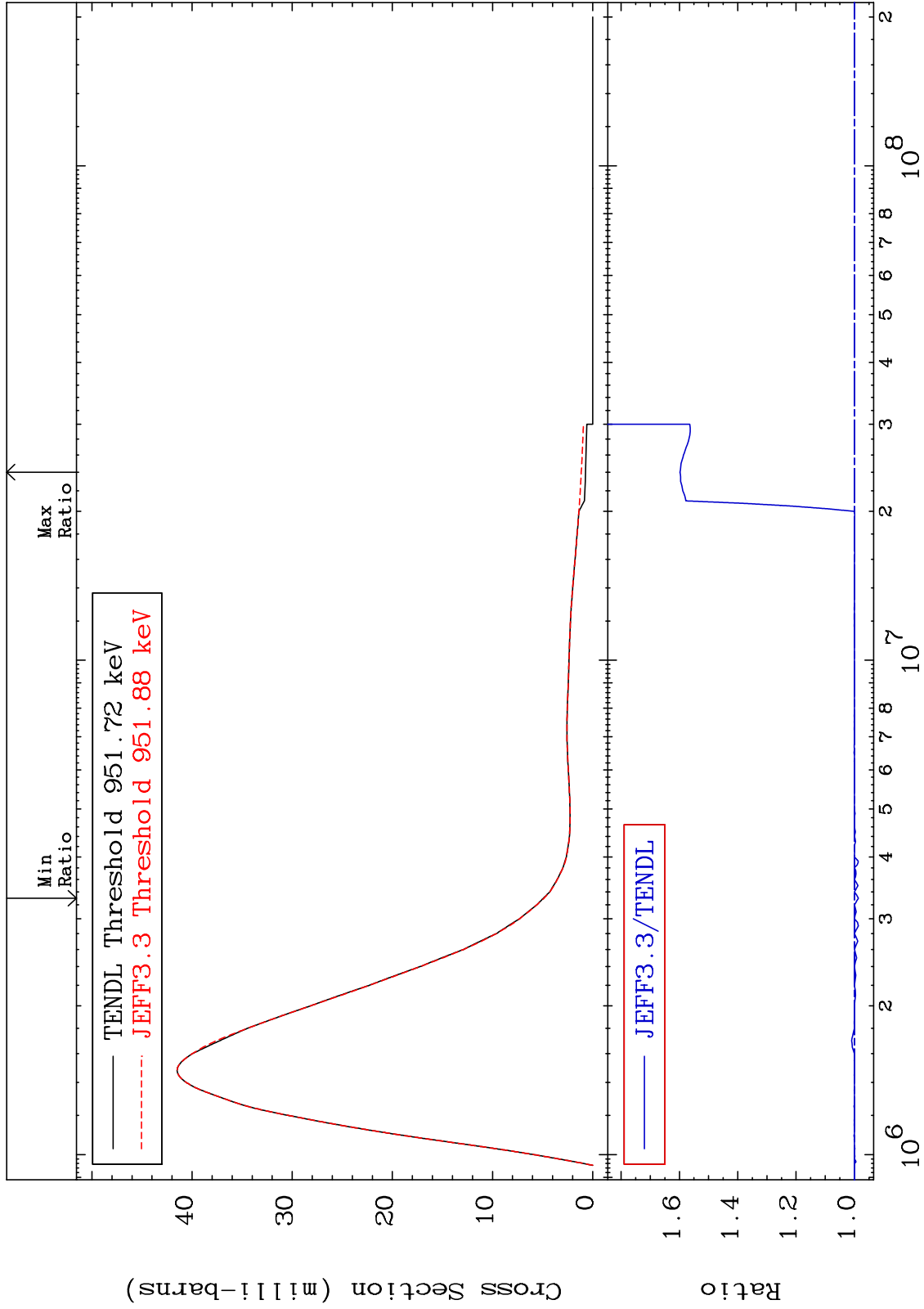
Incident Energy (eV)

92-U -234

MAT 9225

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

92-U -234
-1.384 To 59.80 %



22

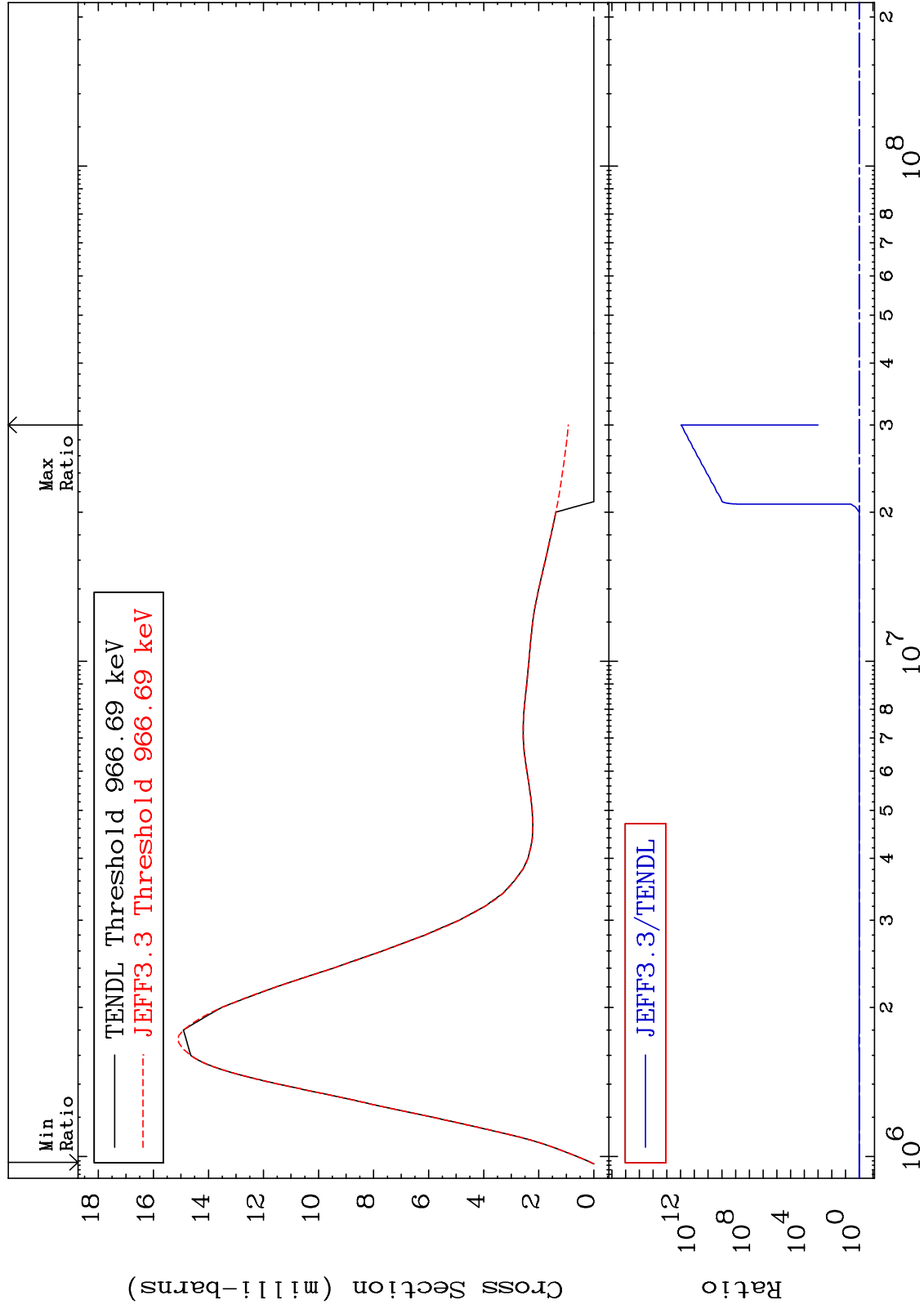
Incident Energy (eV)

92-U -234

MAT 9225

MT= 62 (n,n') Level
Cross Section

92-U -234
-1.830 To 9999. %



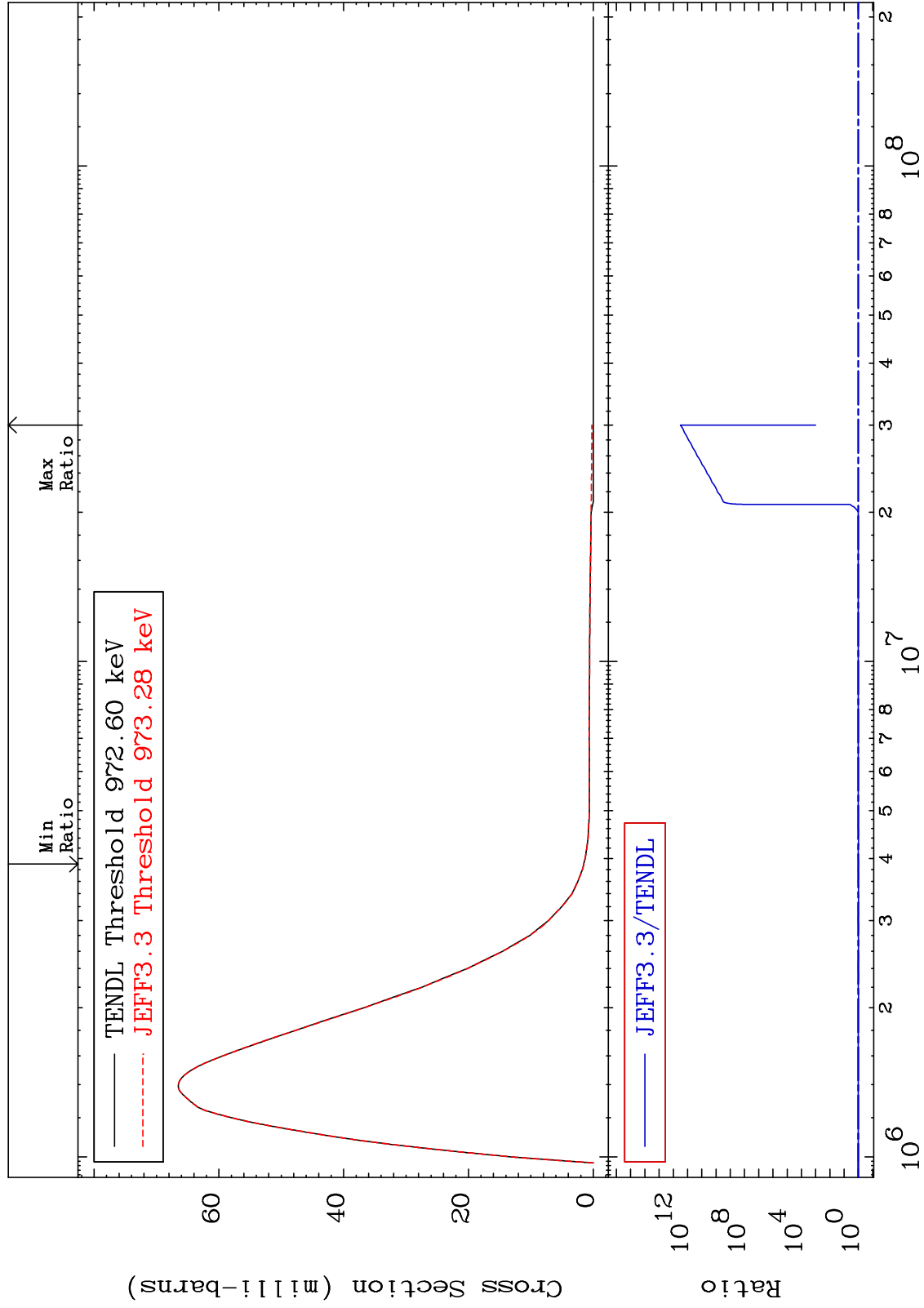
92-U -234

23

MAT 9225

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

92-U -234
-2.974 To 9999. %



24

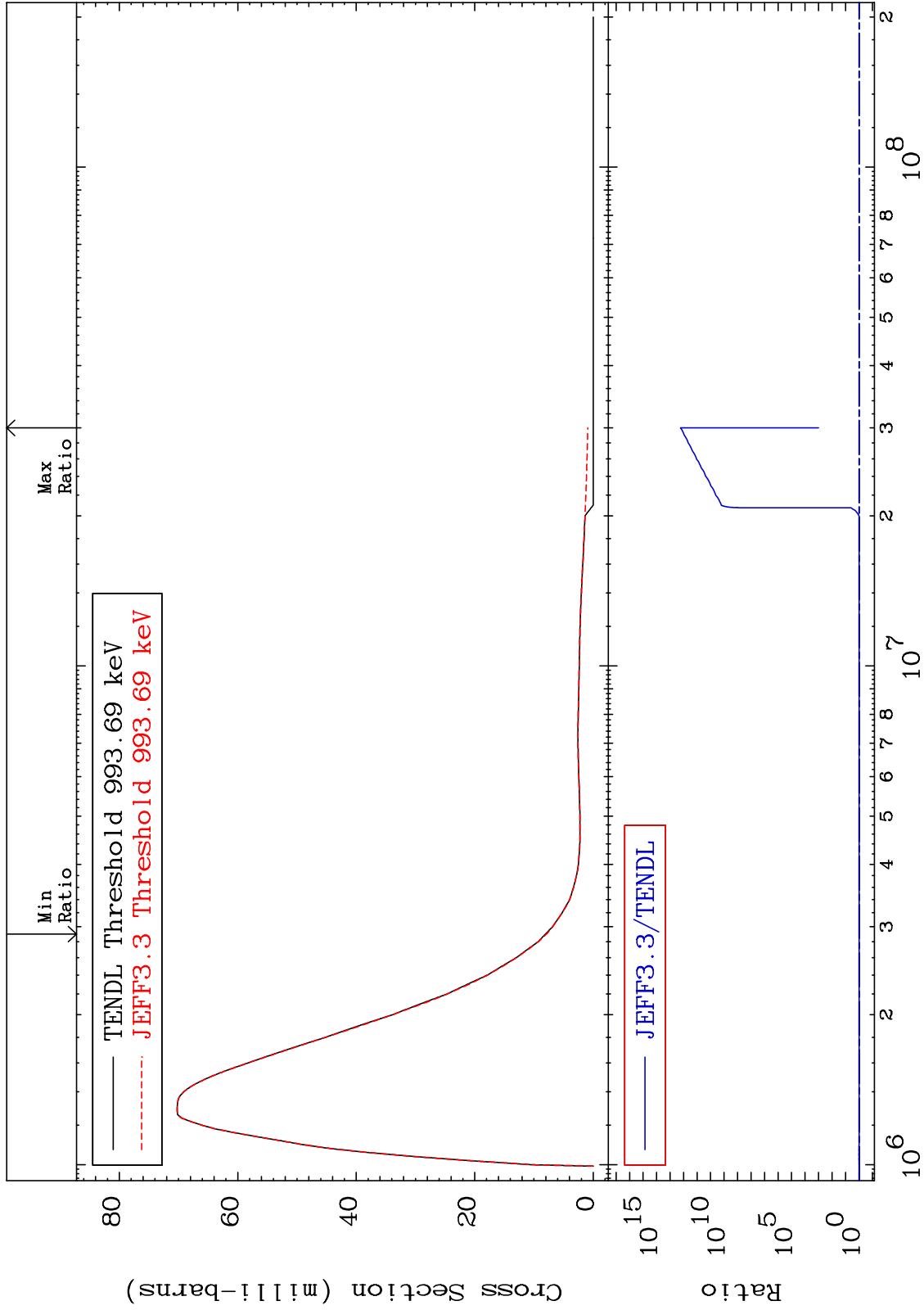
Incident Energy (eV)

92-U -234

MAT 9225

MT= 64 (n,n') Level
Cross Section

92-U -234
-2.246 To 9999. %



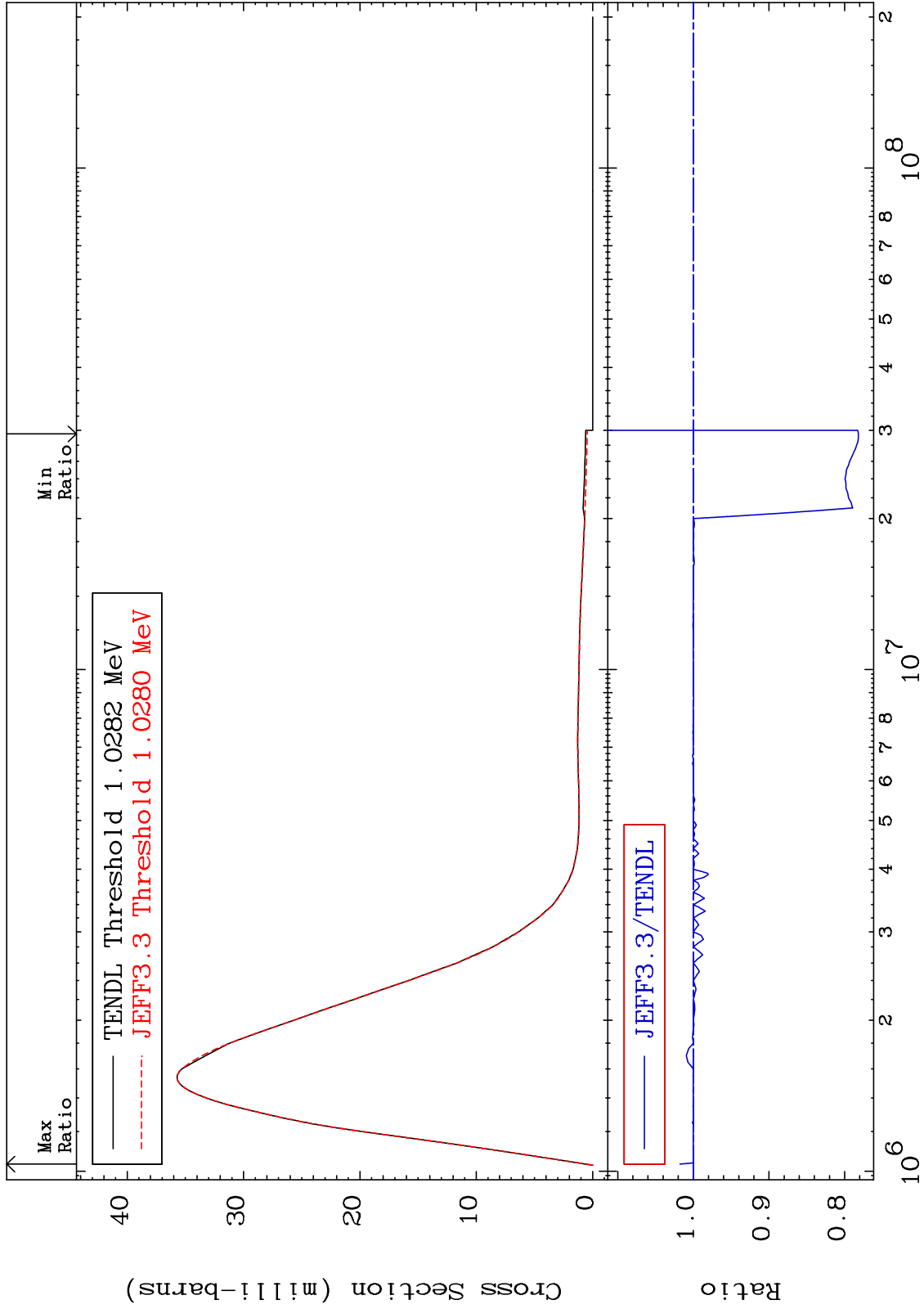
92-U -234

25

MAT 9225

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

92-U -234
-21.82 To 1.763 %



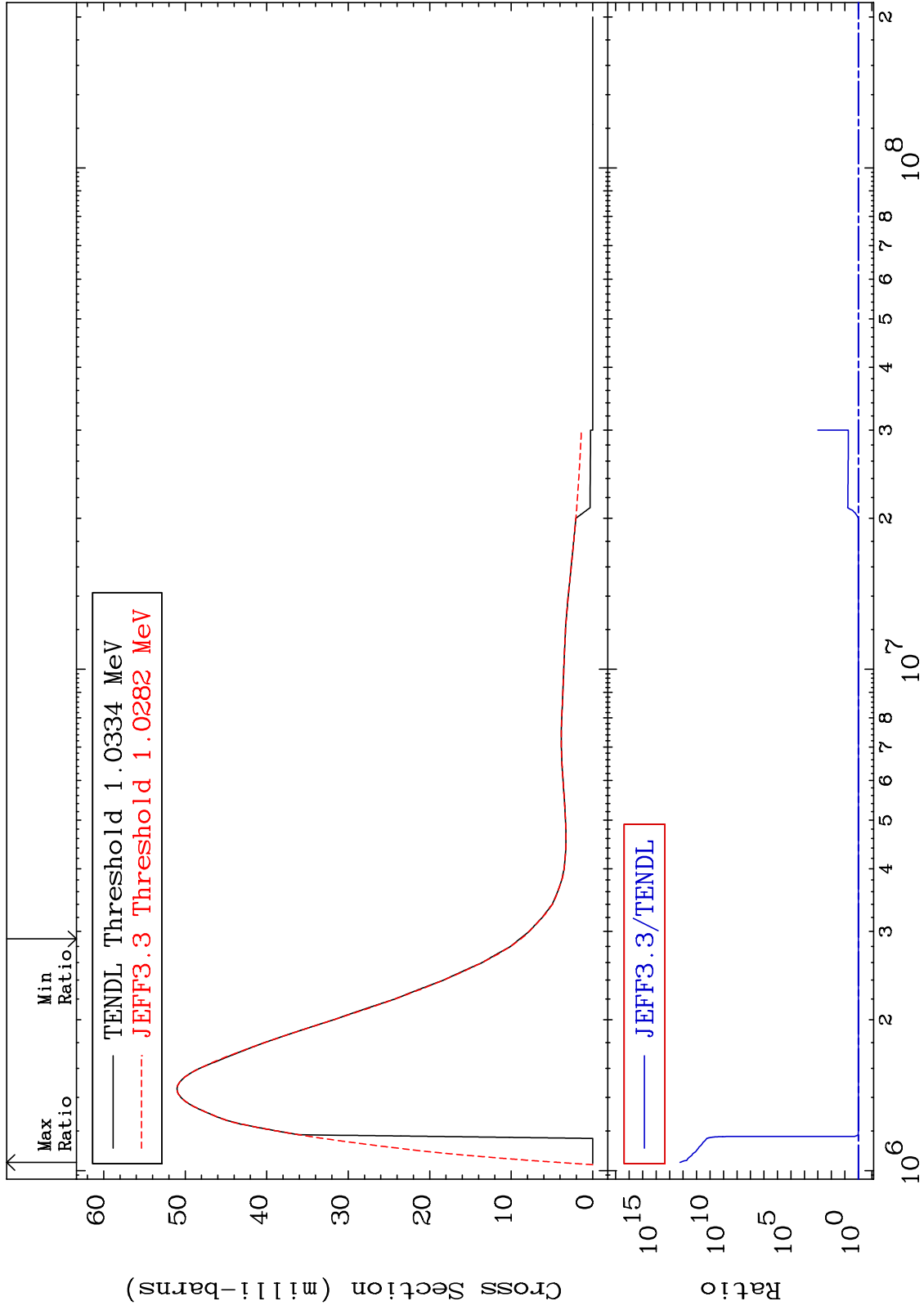
26

92-U -234

MAT 9225

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

92-U -234
-1.666 To 9999. %



27

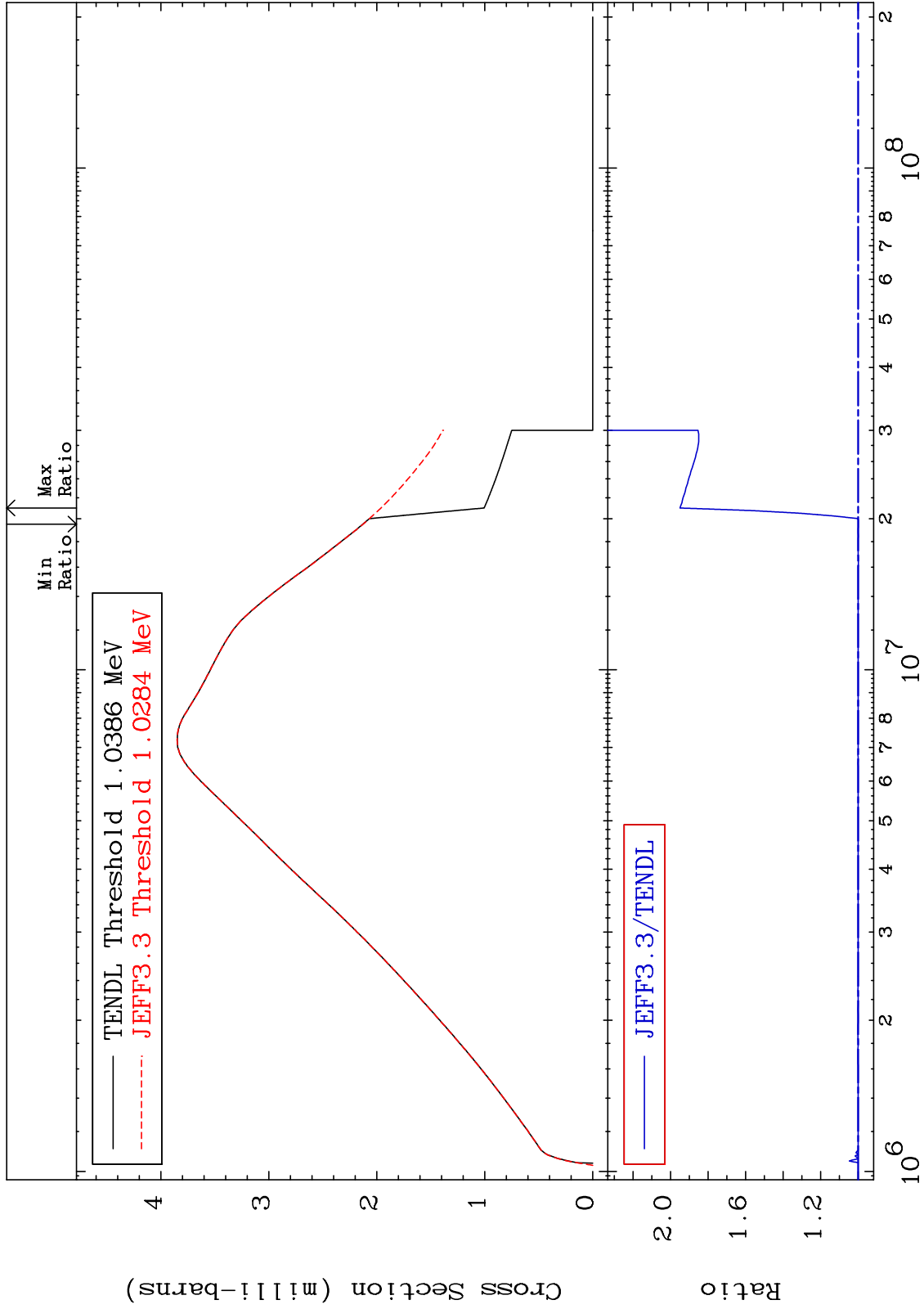
Incident Energy (eV)

92-U -234

MAT 9225

MT= 67 (n,n') Level
Cross Section

92-U -234
-0.131 To 94.97 %



28

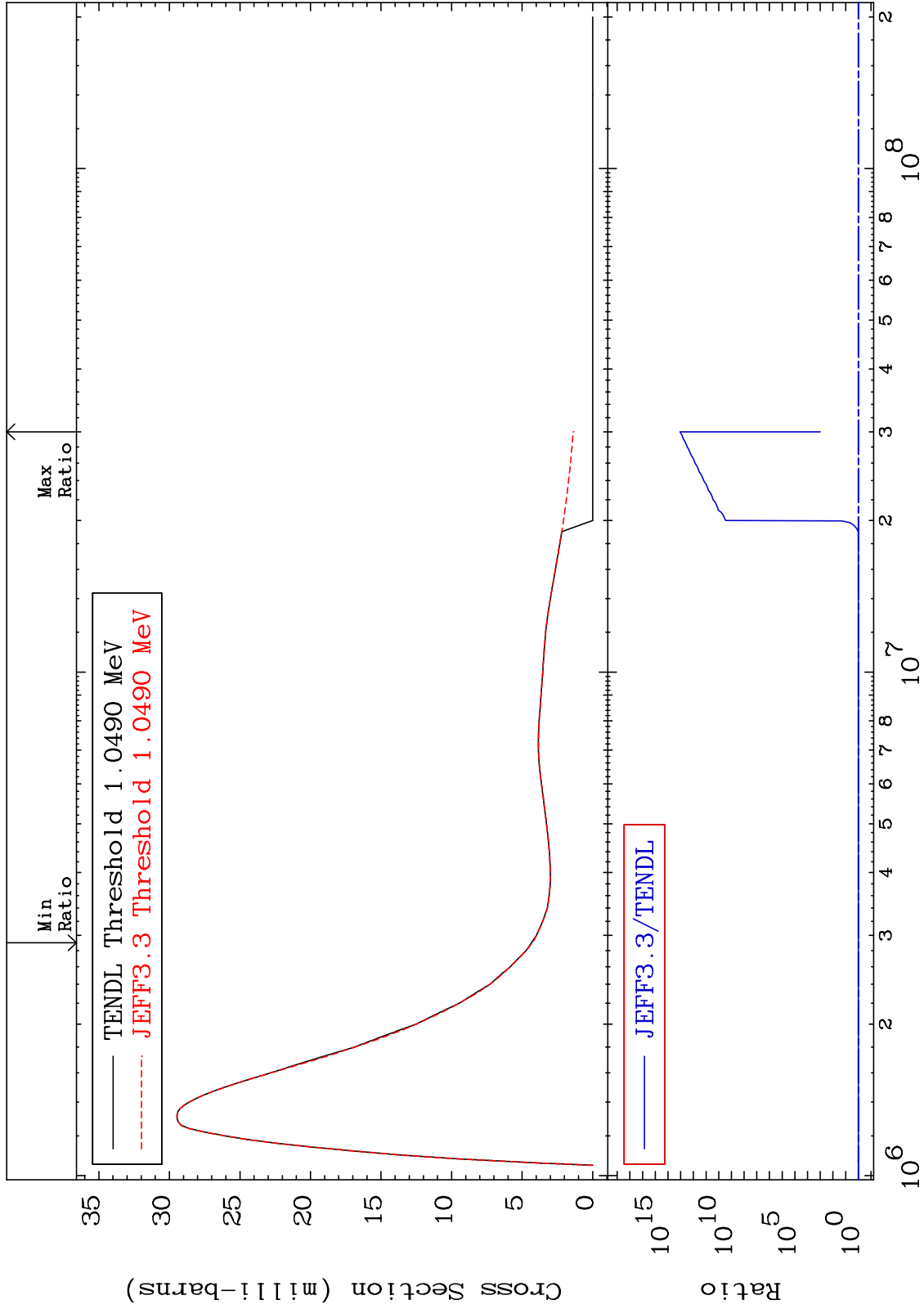
Incident Energy (eV)

92-U -234

MAT 9225

MT= 68 (n,n') Level
Cross Section

92-U -234
-1.454 To 9999. %



29

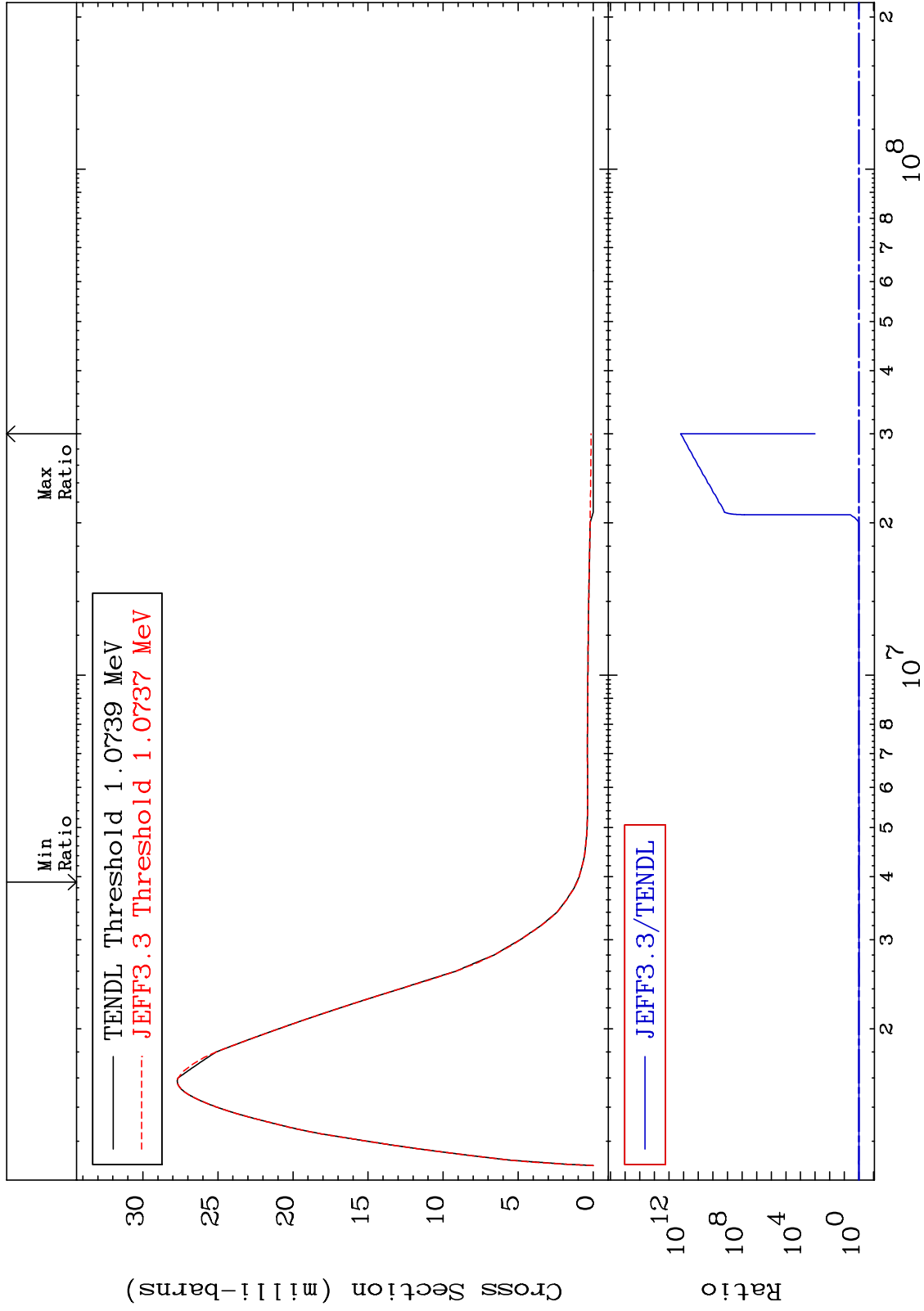
Incident Energy (eV)

92-U -234

MAT 9225

MT= 69 (n,n') Level
Cross Section

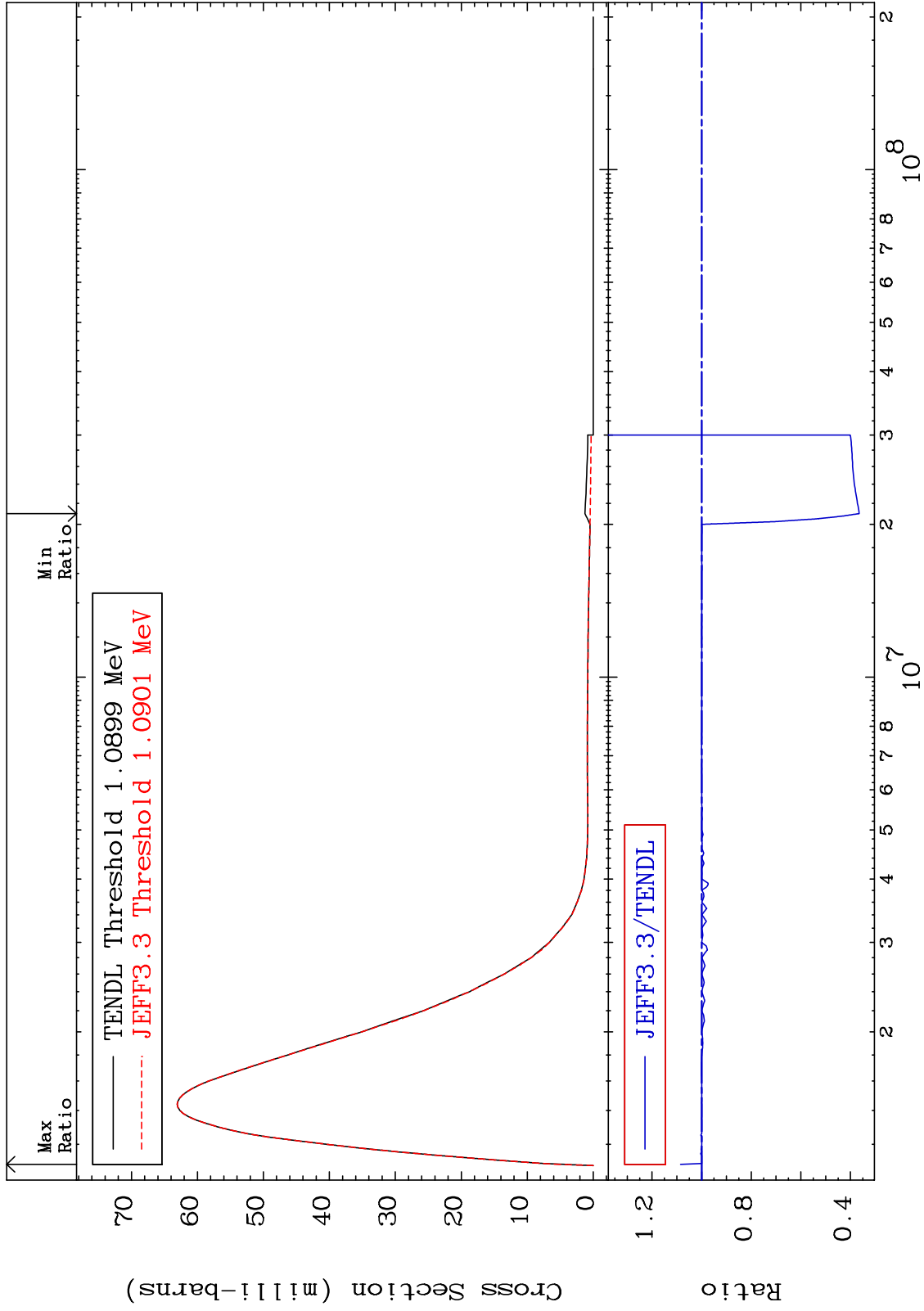
92-U -234
-2.744 To 9999. %



MAT 9225

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

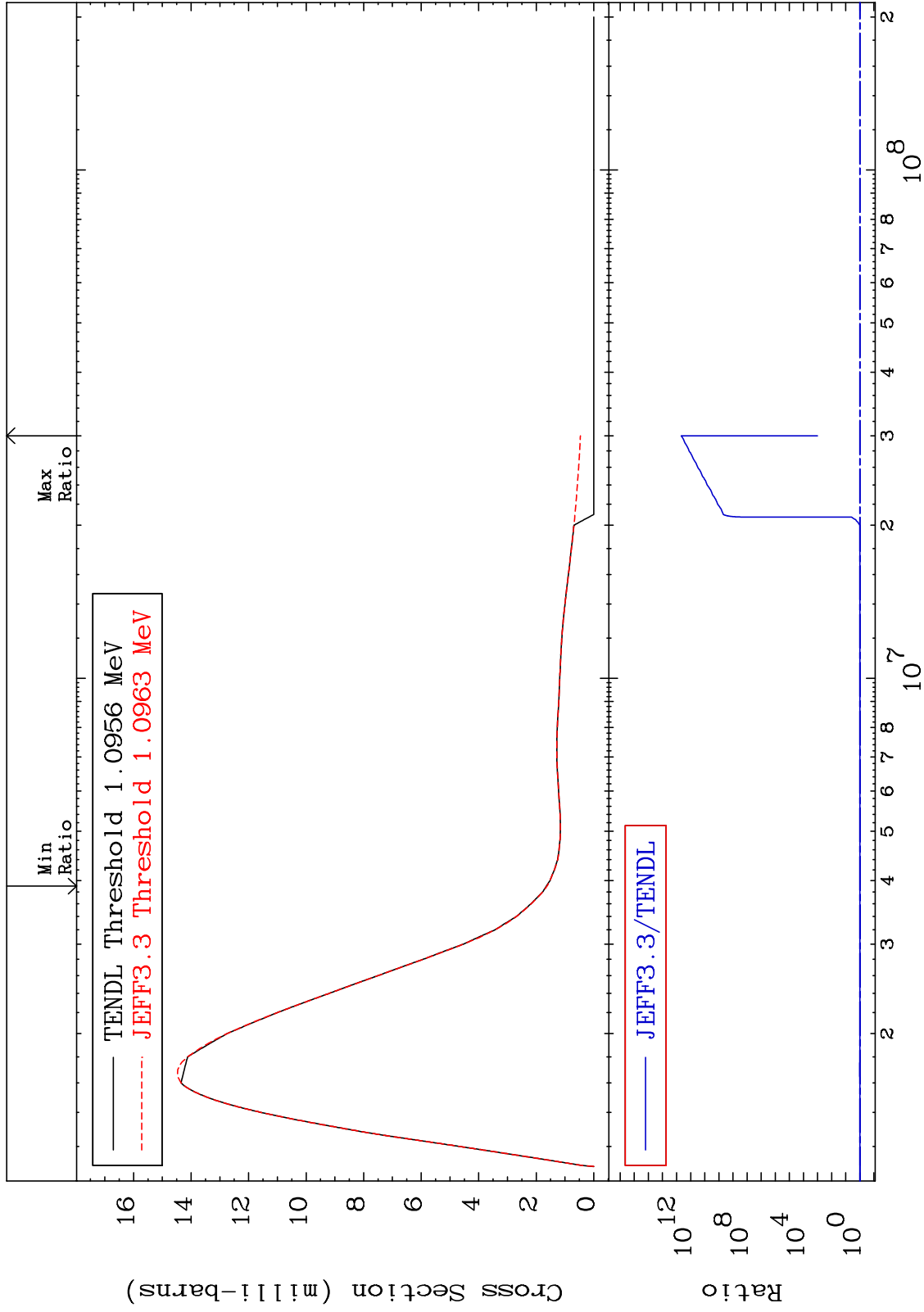
92-U -234
-63.51 To 8.480 %



MAT 9225

MT= 71 (n,n') Level
Cross Section

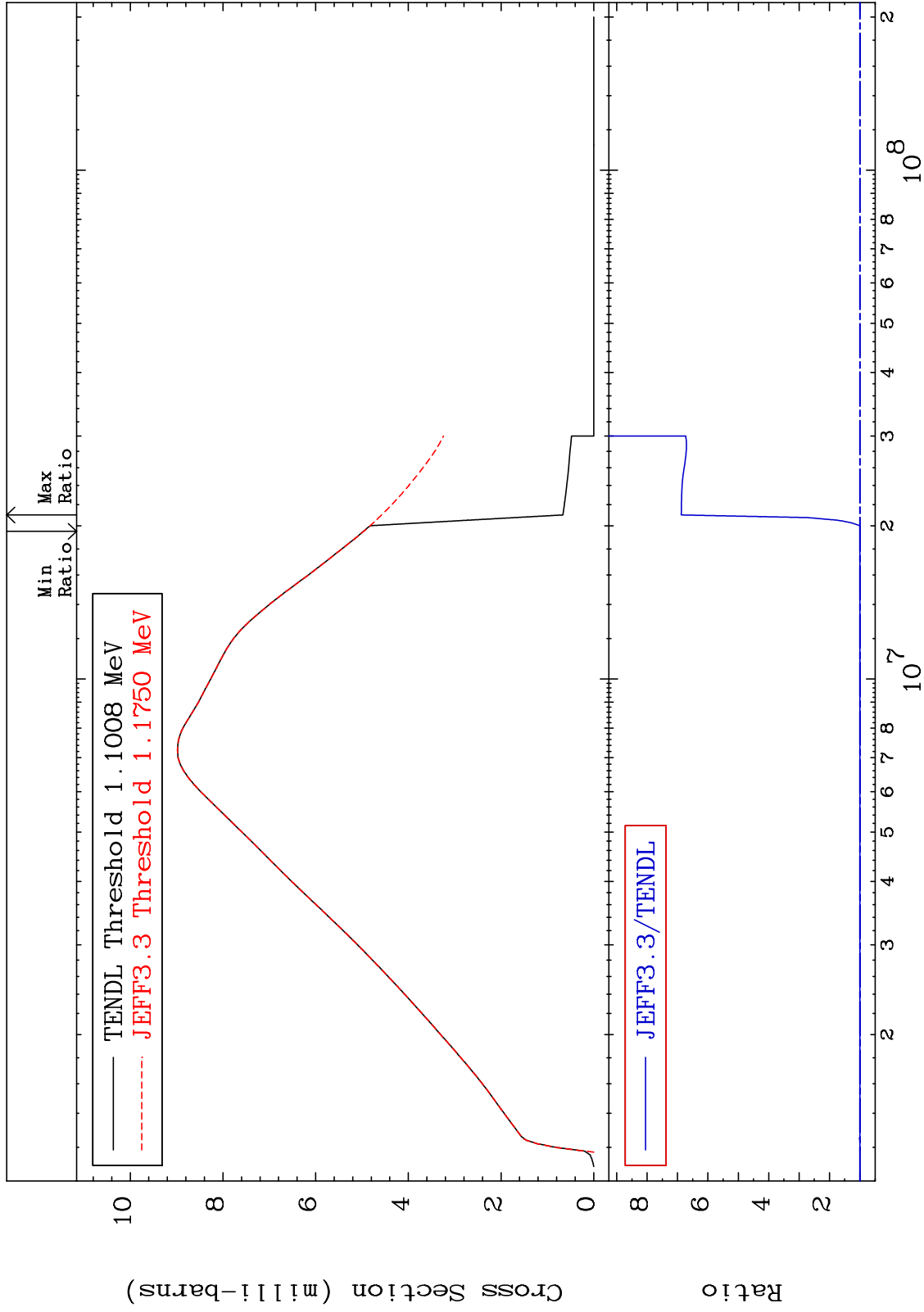
92-U -234
-1.396 To 9999. %



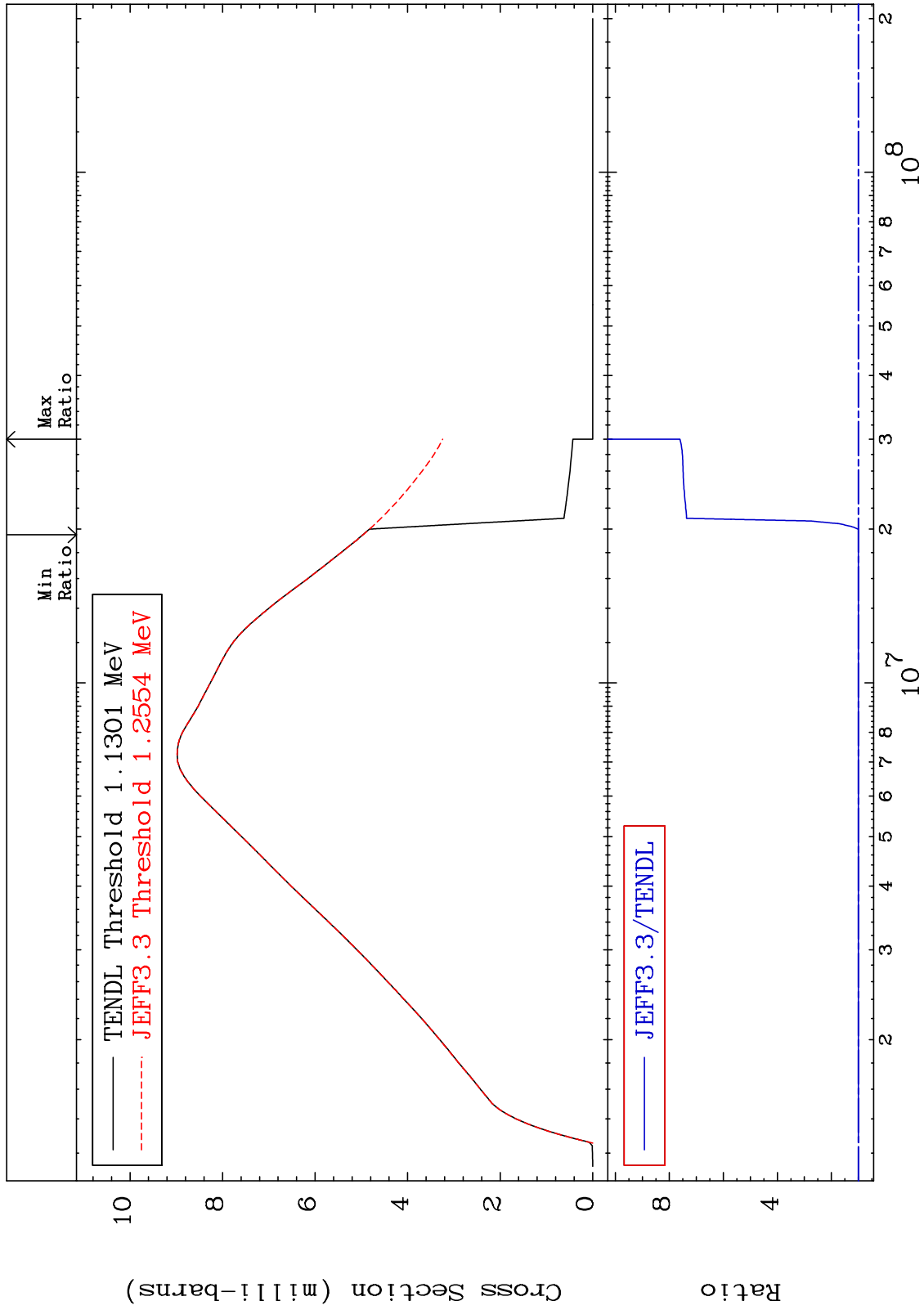
MAT 9225

MT= 72 (n,n') Level
Cross Section

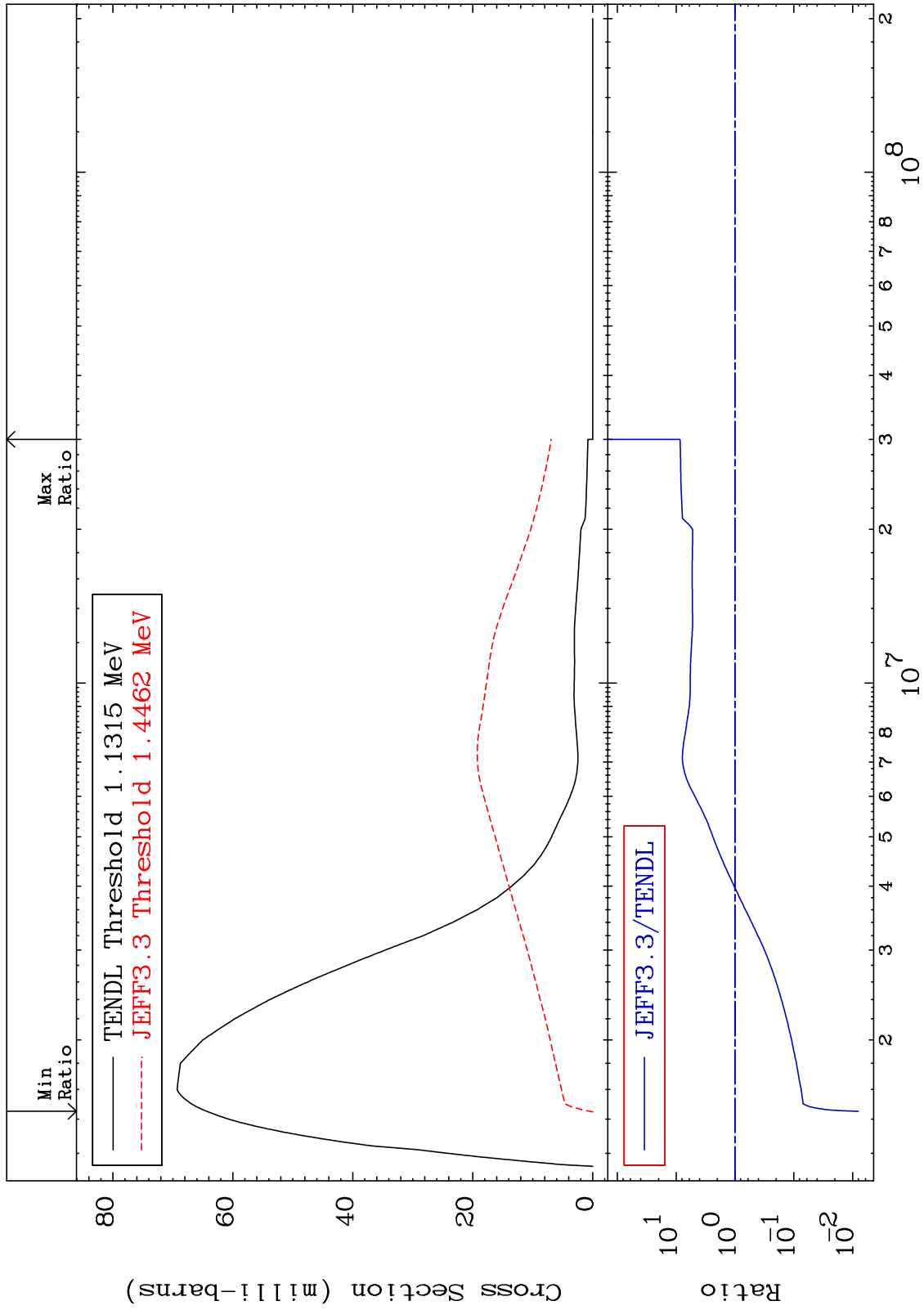
92-U -234
-0.114 To 587.7 %



MAT 9225 MT= 73 (n,n') Level 92-U -234
 Cross Section -0.114 To 660.6 %



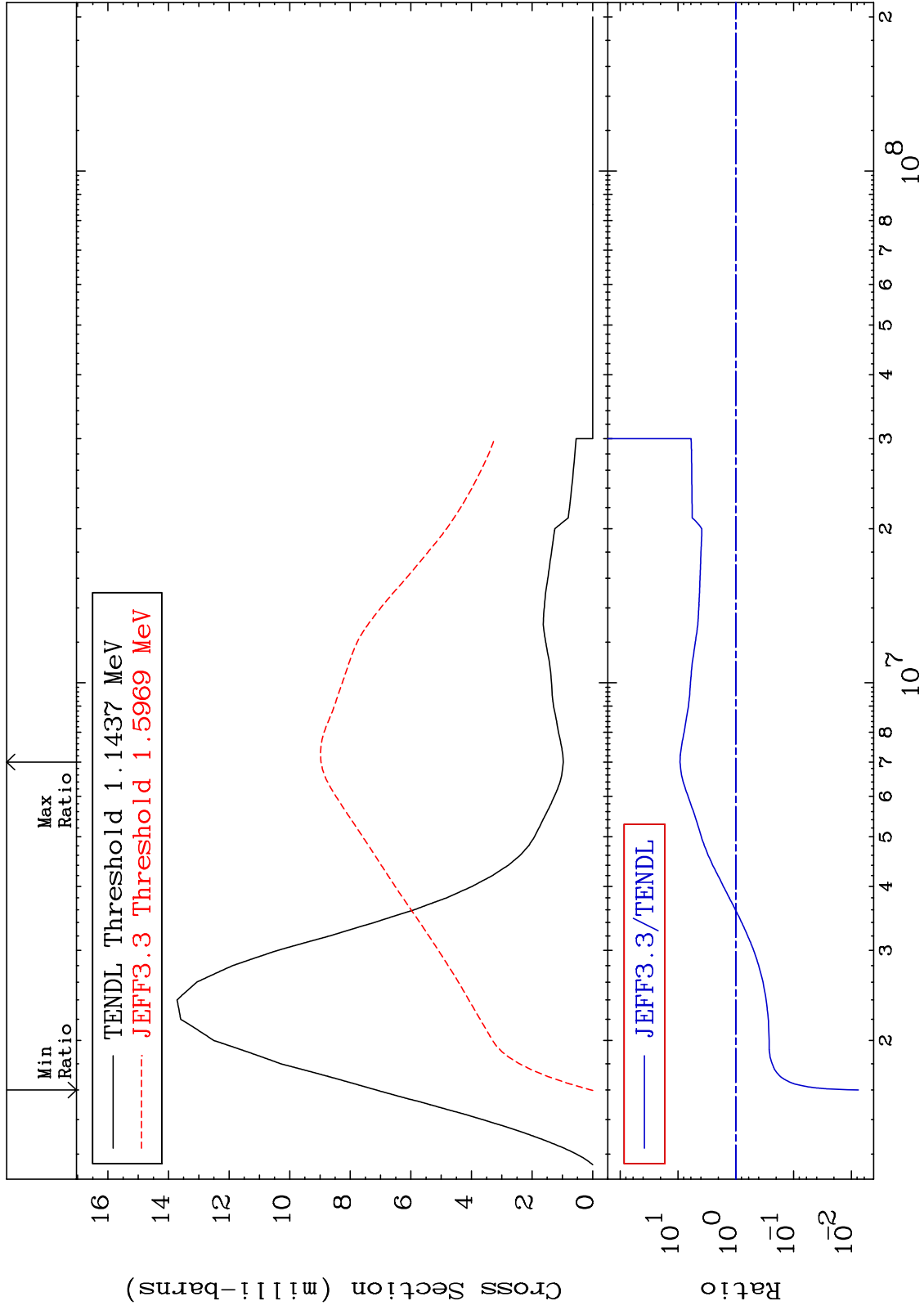
MAT 9225 MT= 74 (n,n') Level Cross Section 92-U -234
 -99.20 To 760.8 %



MAT 9225

MT= 75 (n,n') Level
Cross Section

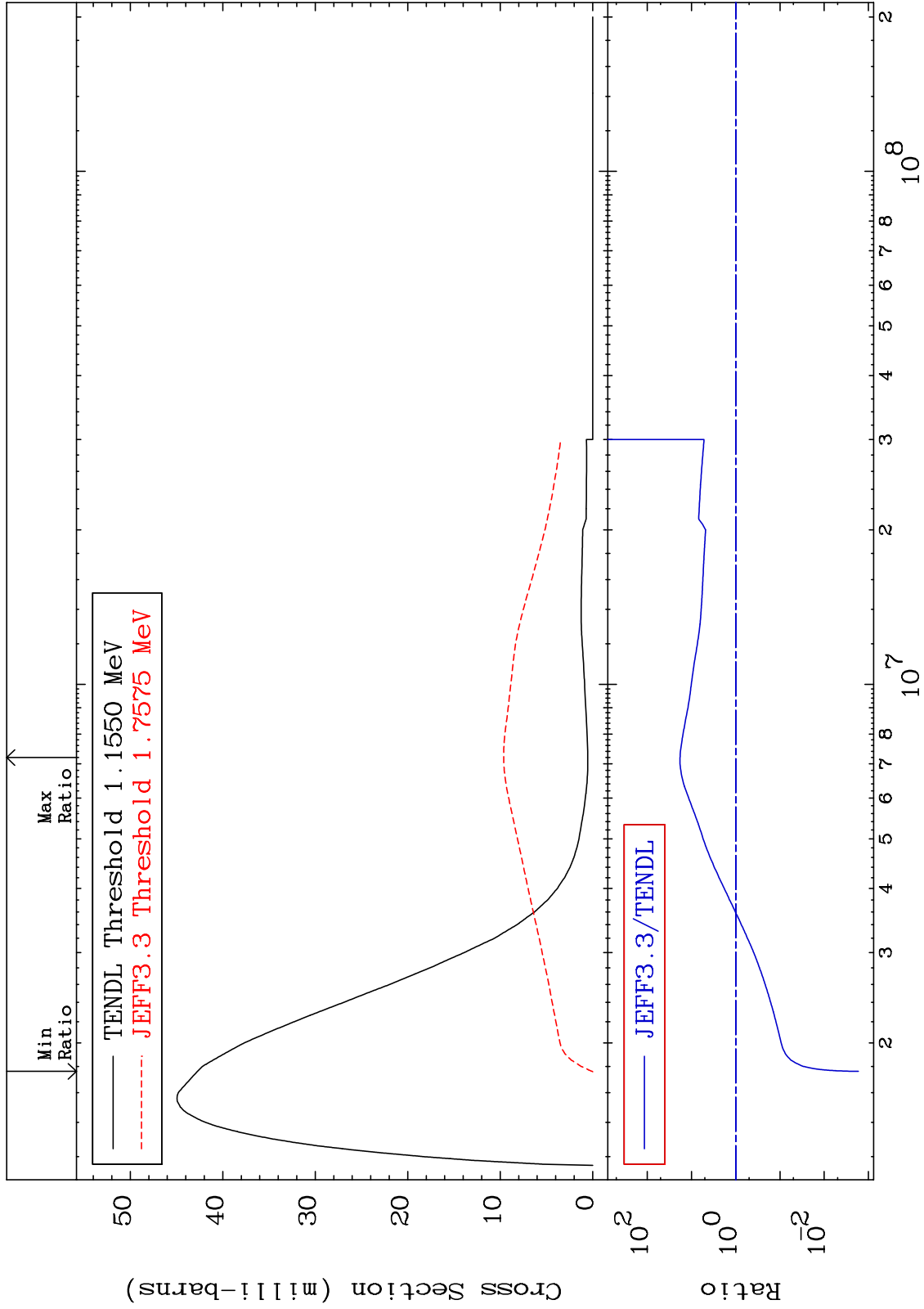
92-U -234
-99.24 To 822.1 %



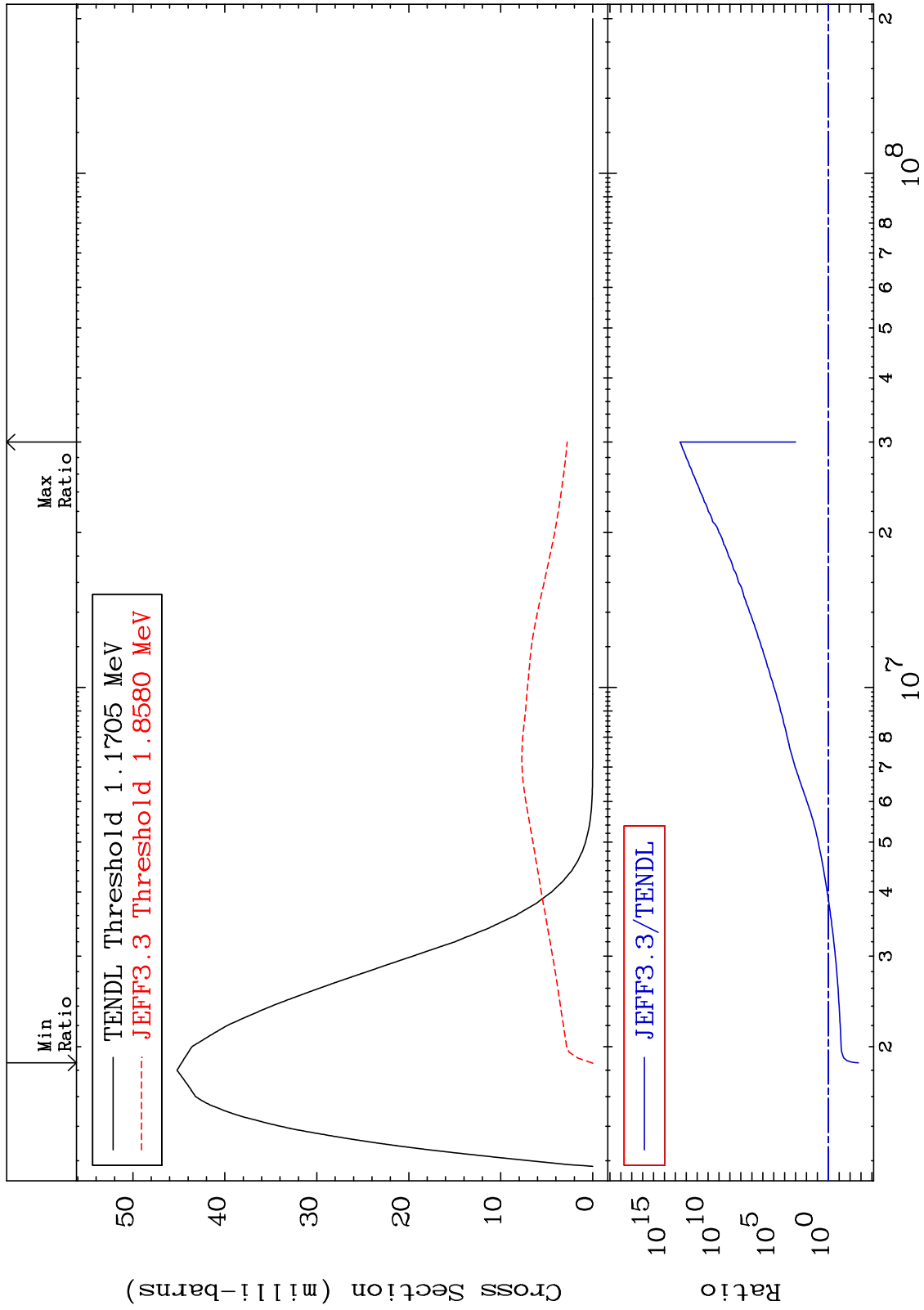
MAT 9225

MT= 76 (n,n') Level
Cross Section

92-U -234
-99.83 To 1713. %



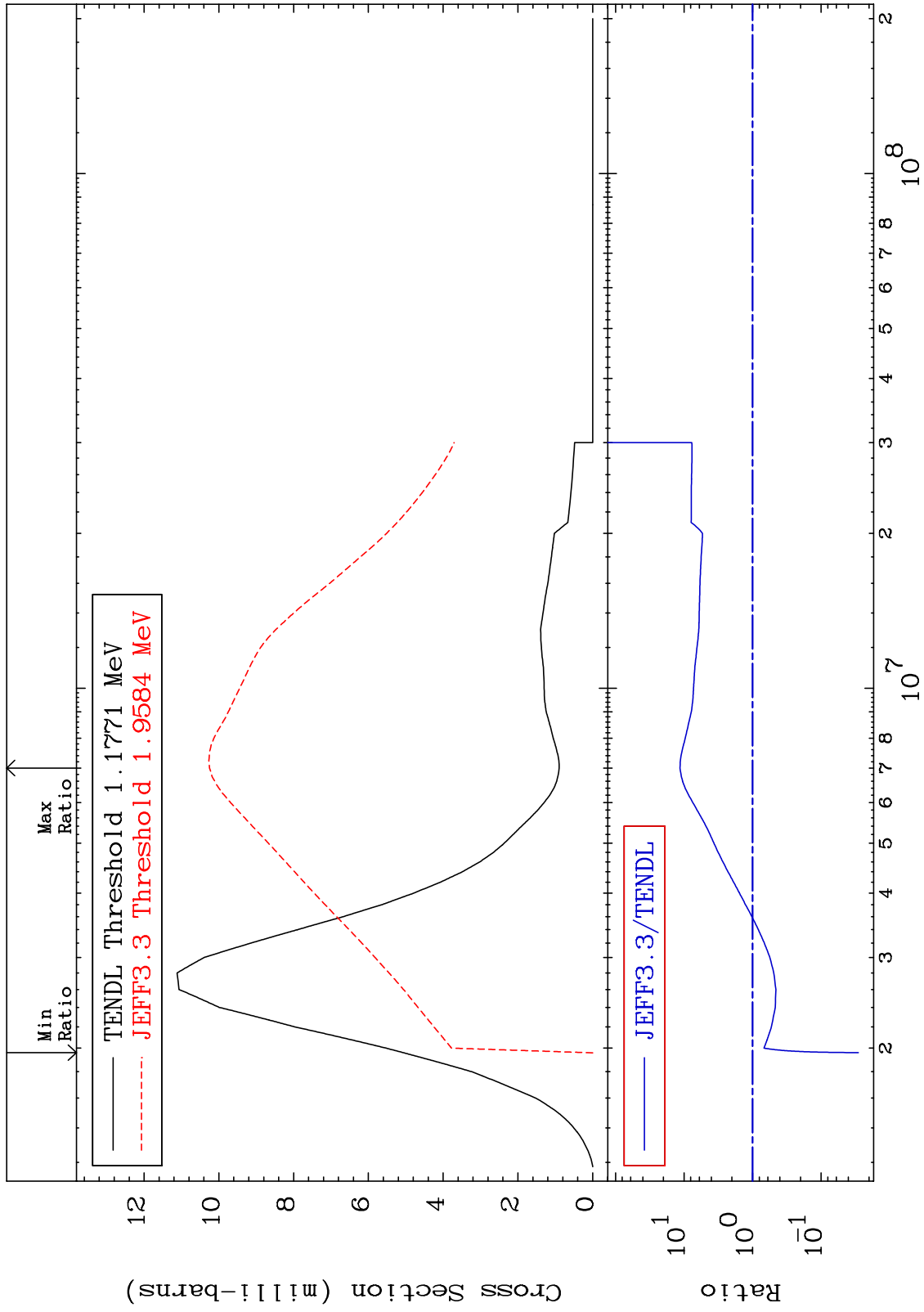
MAT 9225 MT= 77 (n,n') Level
 Cross Section 92-U -234
 -99.83 To 9999. %



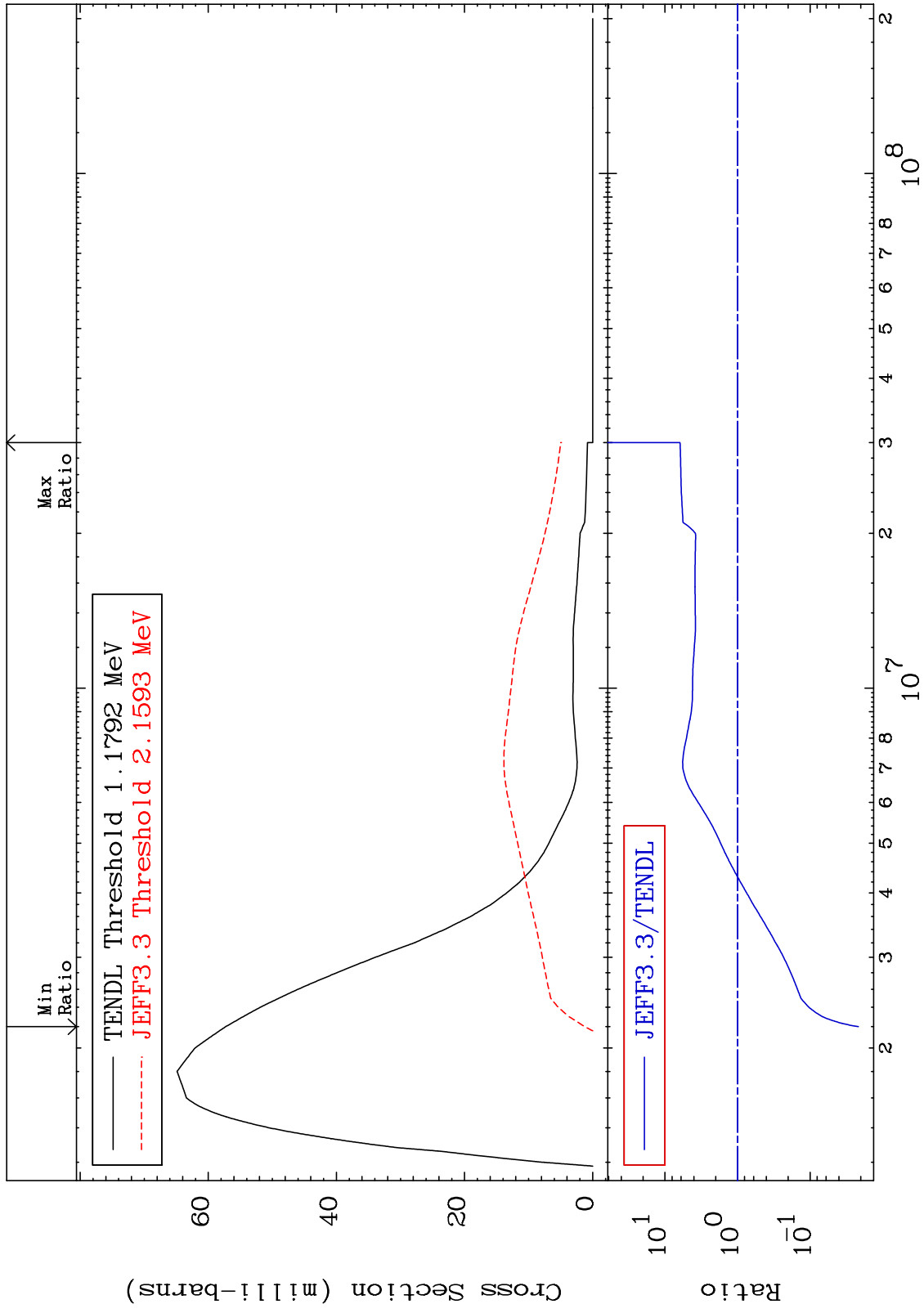
MAT 9225

MT= 78 (n,n') Level
Cross Section

92-U -234
-97.14 To 1045. %



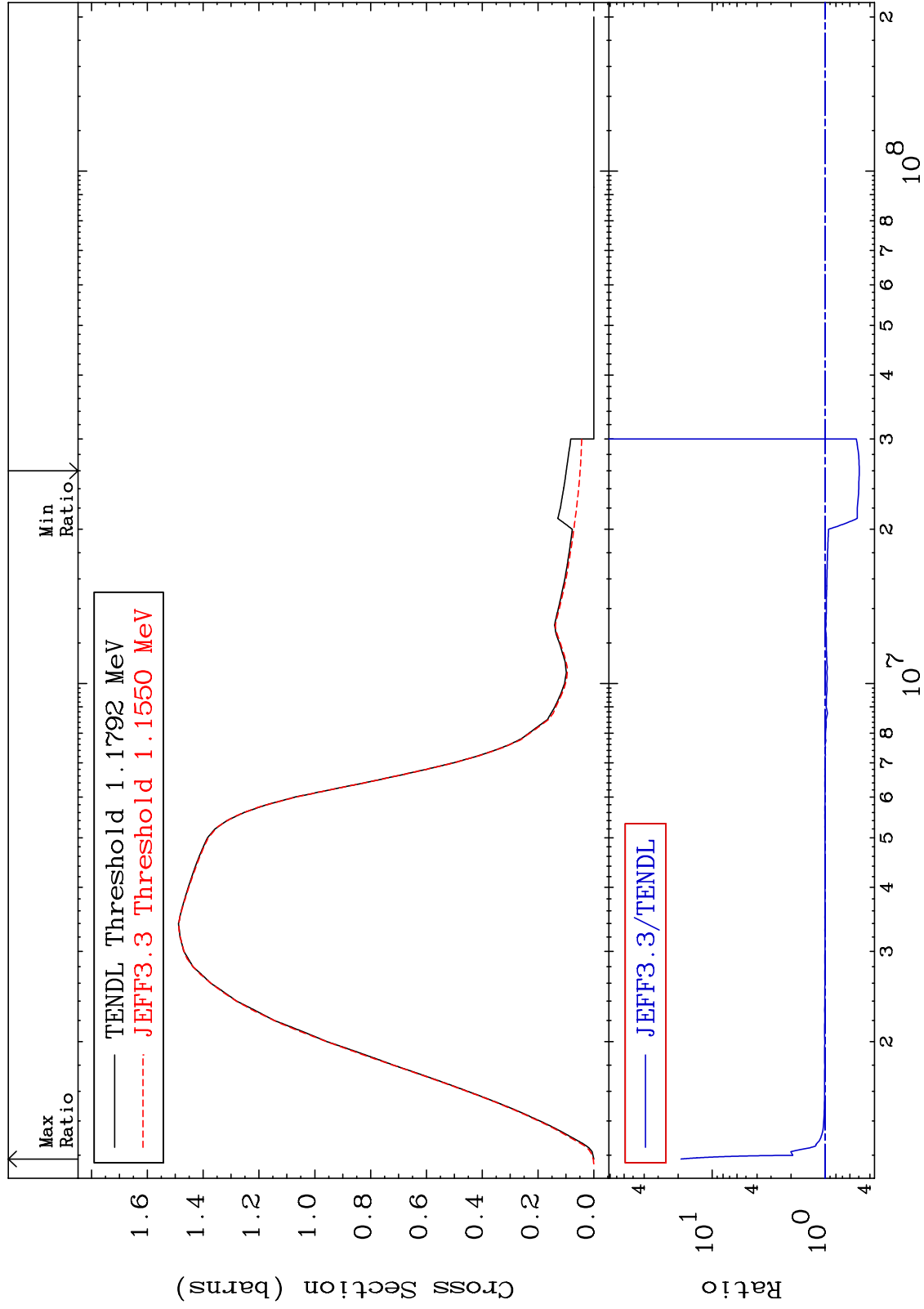
MAT 9225 MT= 79 (n,n') Level Cross Section 92-U -234
 -97.84 To 520.5 %



MAT 9225

(n,n') Continuum
Cross Section

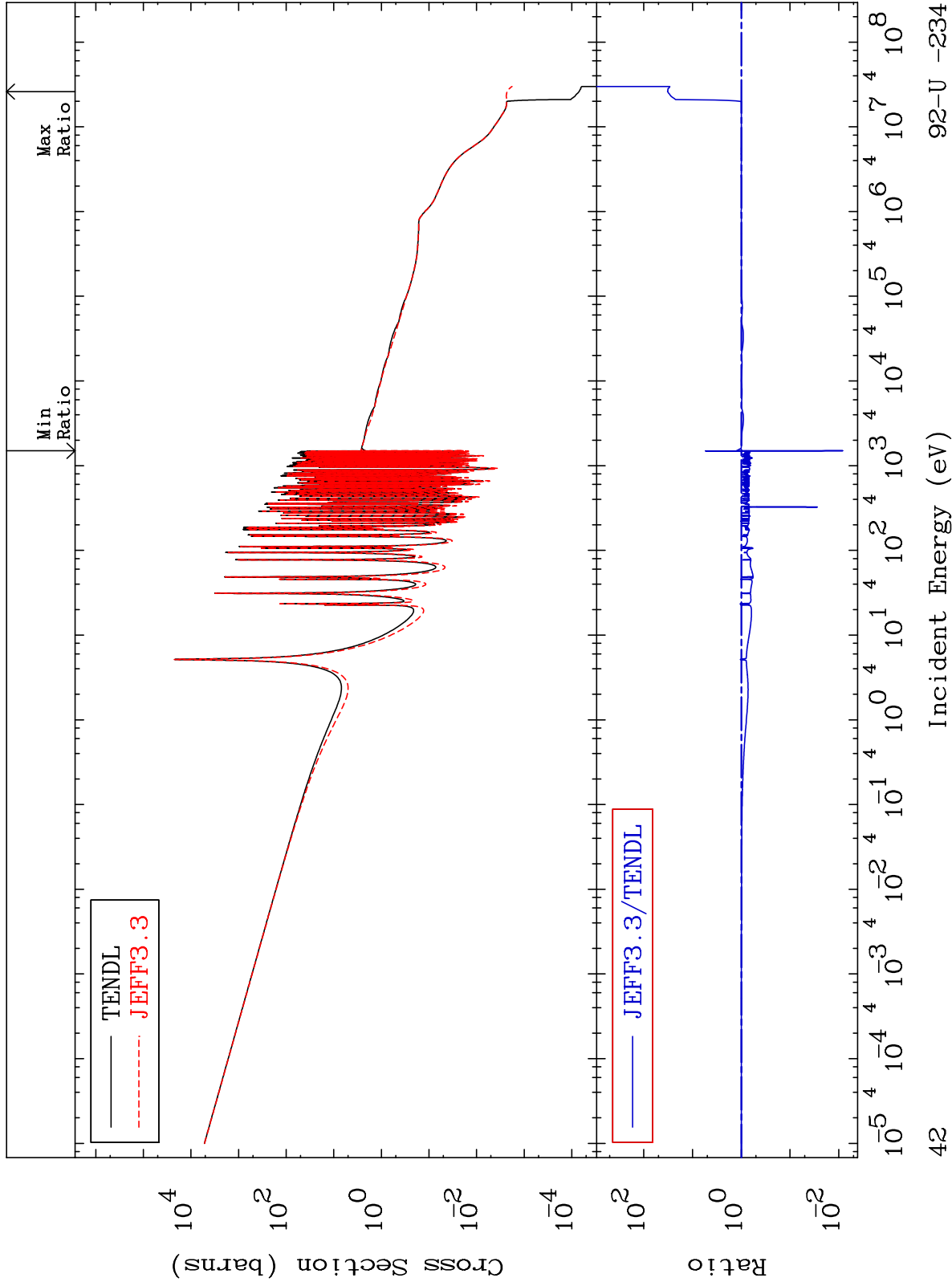
92-U -234
-50.38 To 1782. %



MAT 9225

(n, γ)
Cross Section

92-U -234
-99.17 To 3154. %



92-U -234

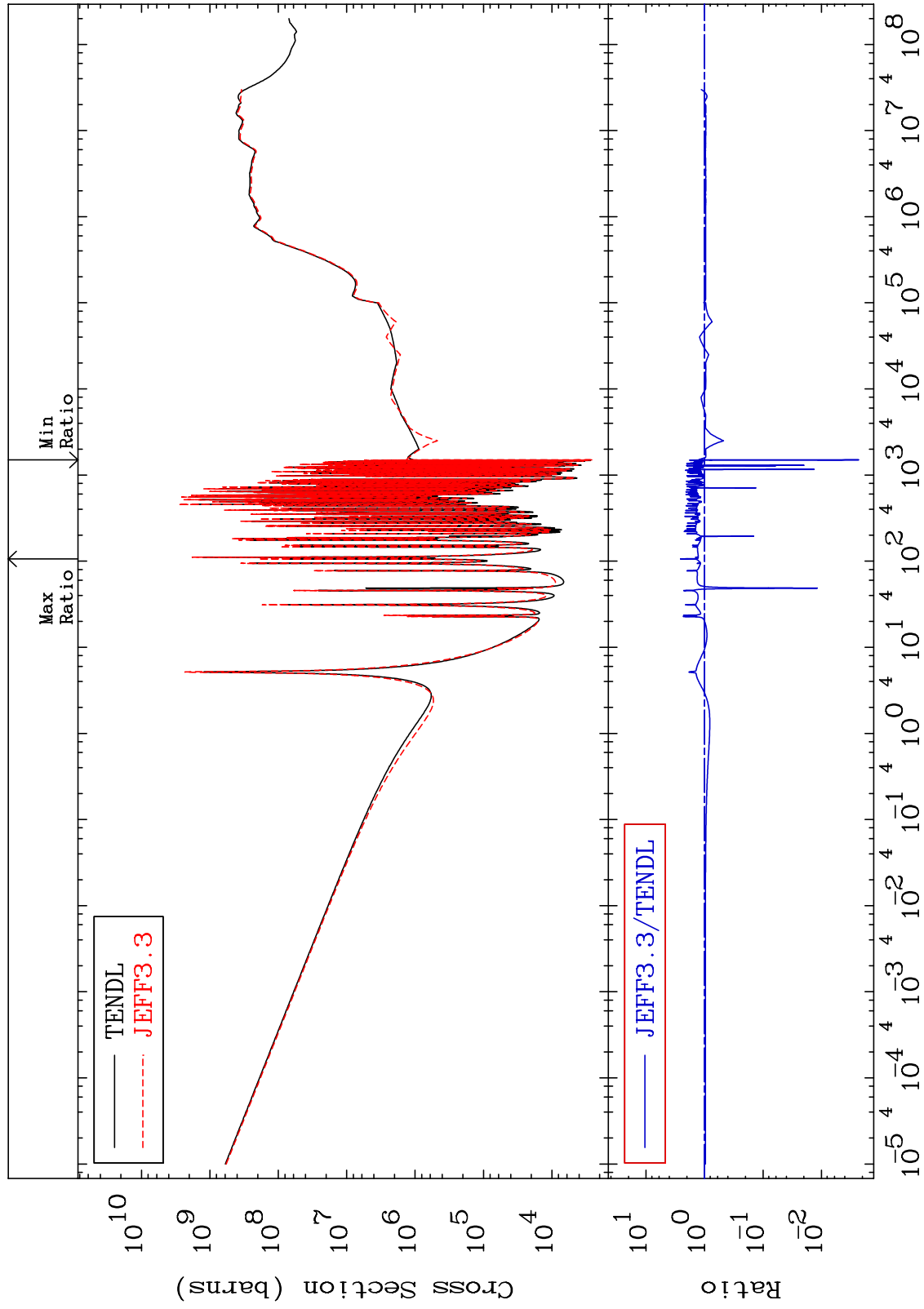
Incident Energy (eV)

42

MAT 9225

Kerma total (eV-barns)
Cross Section

92-U -234
-99.77 To 158.5 %



43

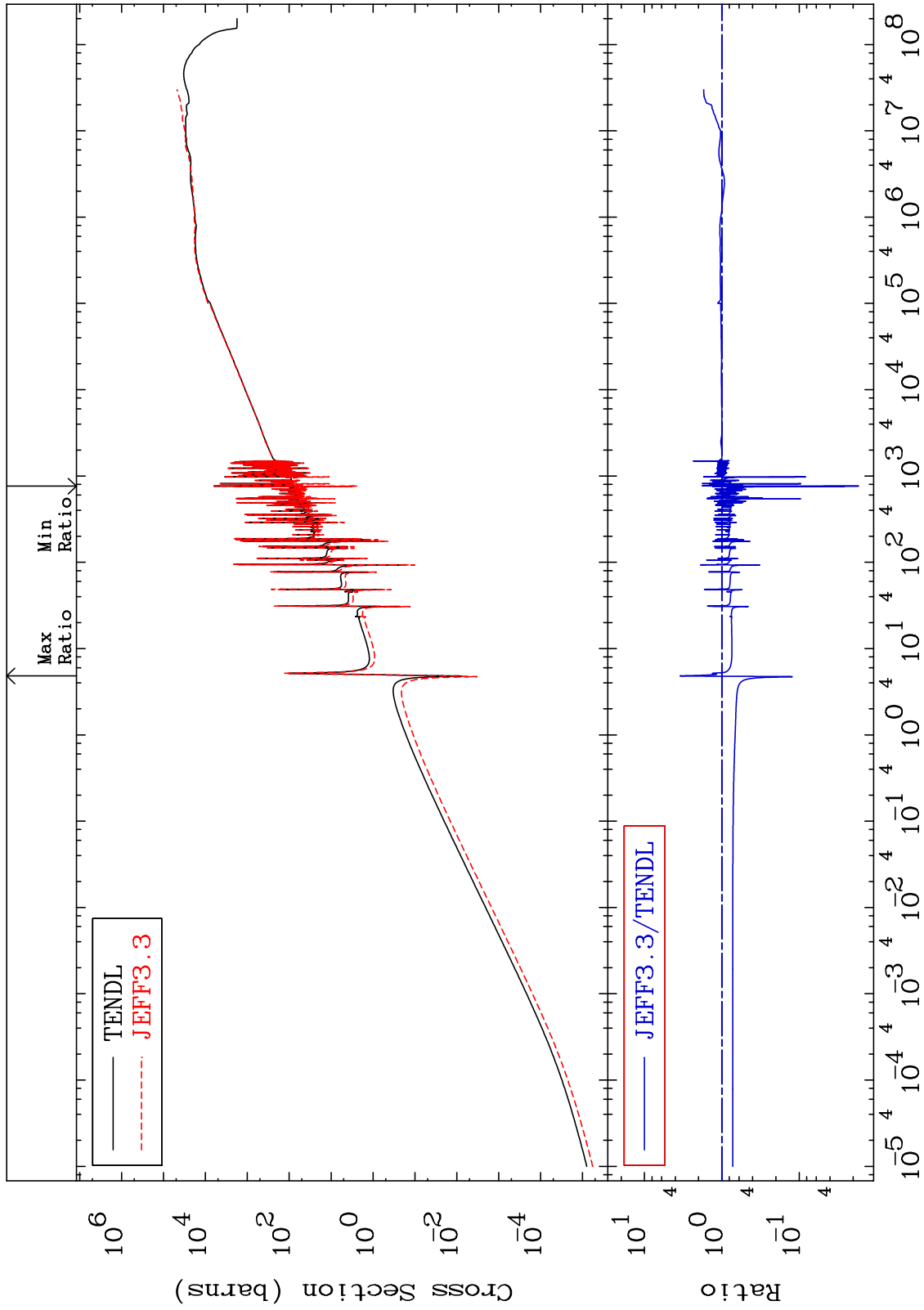
Incident Energy (eV)

92-U -234

MAT 9225

Kerma elastic
Cross Section

92-U -234
-98.29 To 247.3 %



44

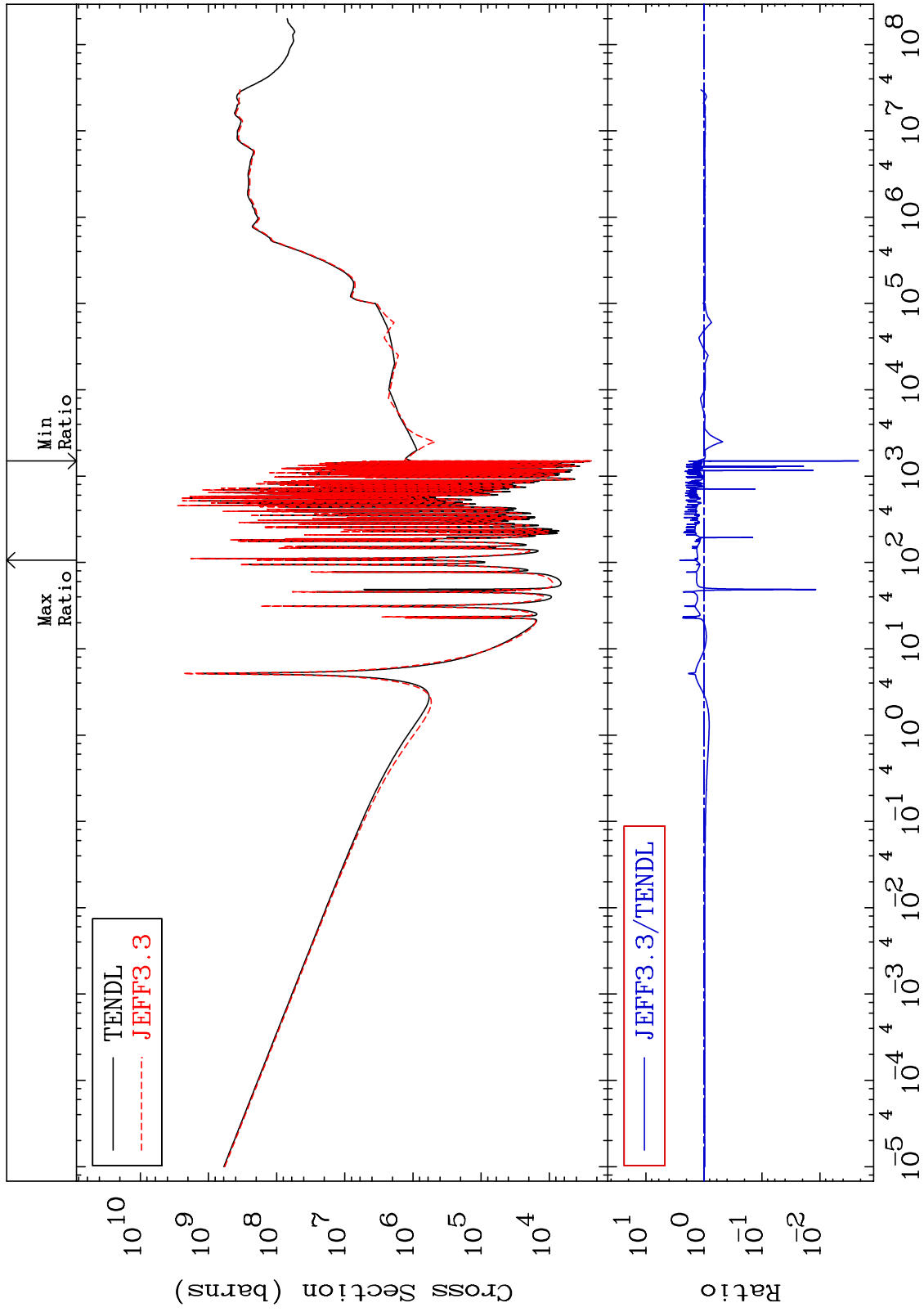
Incident Energy (eV)

92-U -234

MAT 9225

Kerma non-elastic (all but mt2)
Cross Section

92-U -234
-99.78 To 158.5 %



45

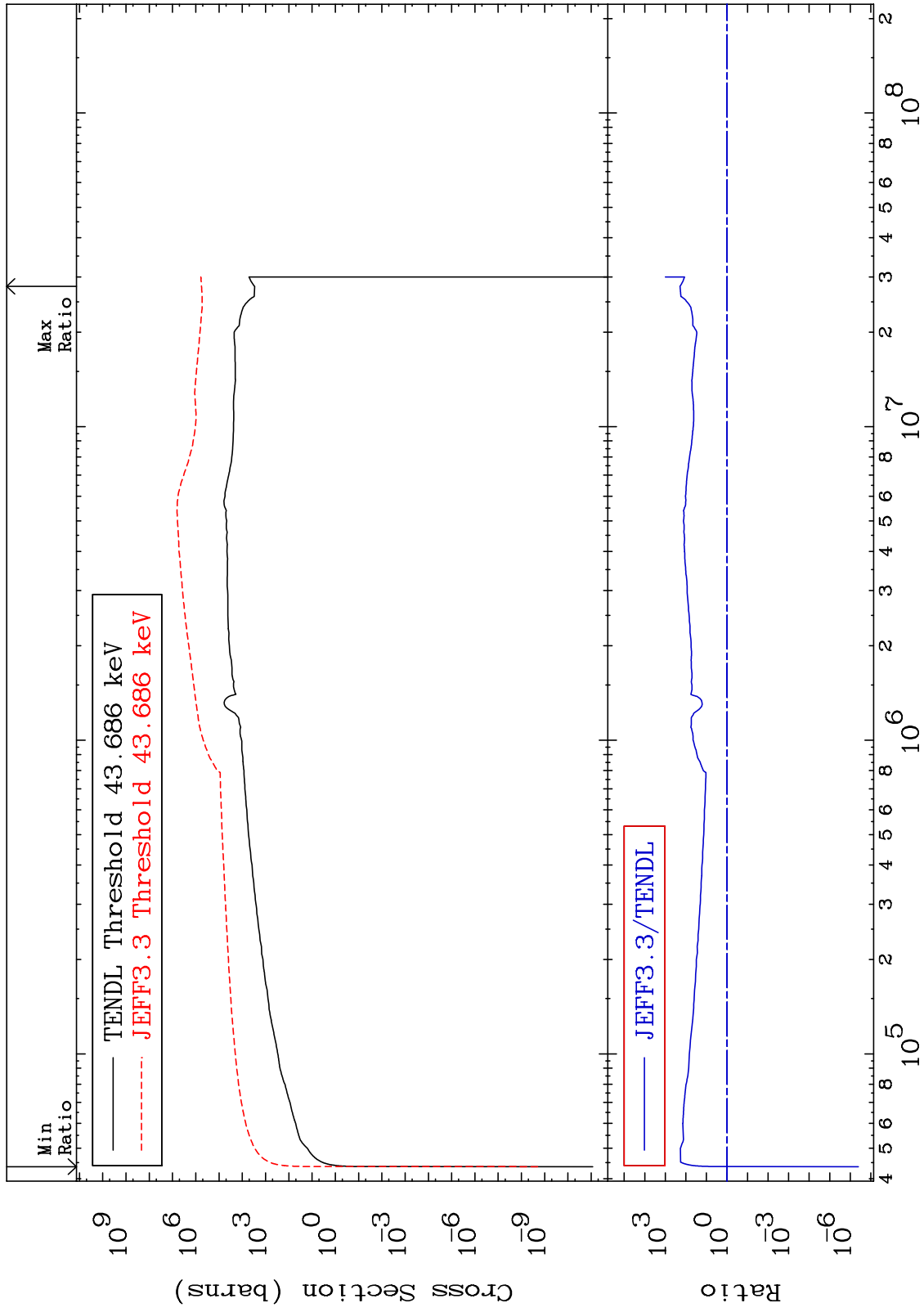
Incident Energy (eV)

92-U -234

MAT 9225

Kerma inelastic (mt51-91)
Cross Section

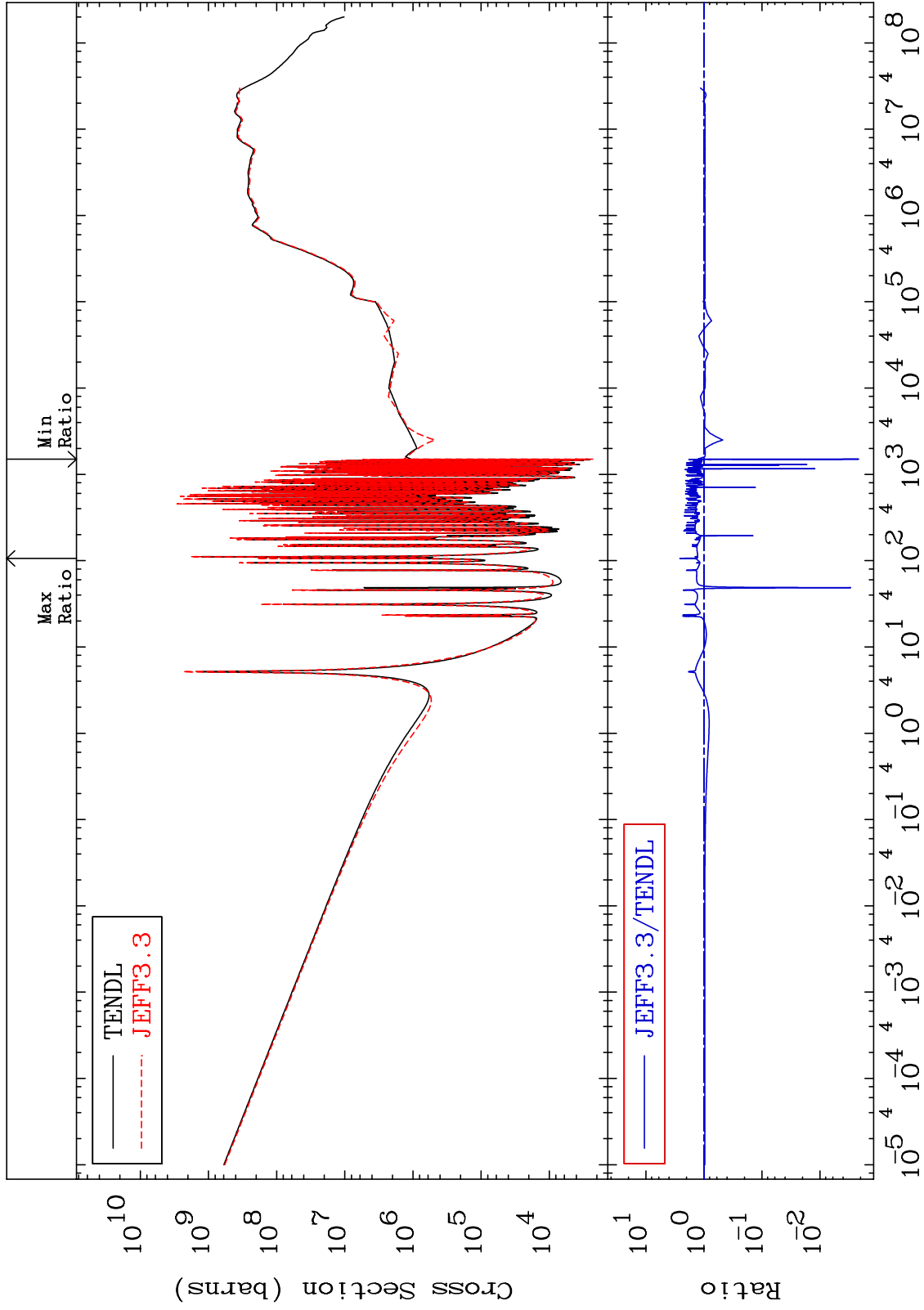
92-U -234
-100.0 To 9999. %



MAT 9225

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

92-U -234
-99.78 To 158.5 %



47

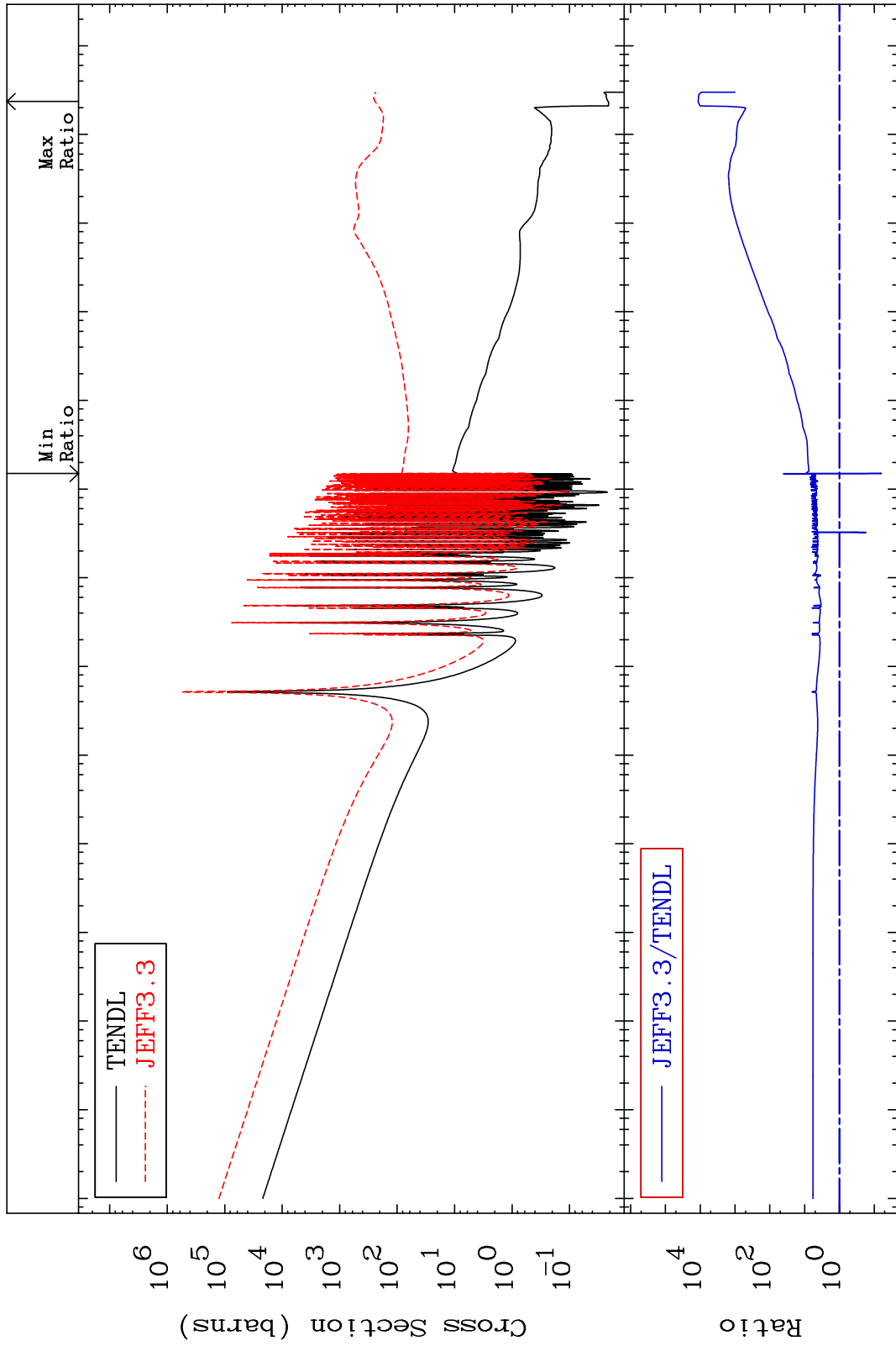
Incident Energy (eV)

92-U -234

MAT 9225

Kerma capture (mt102)
Cross Section

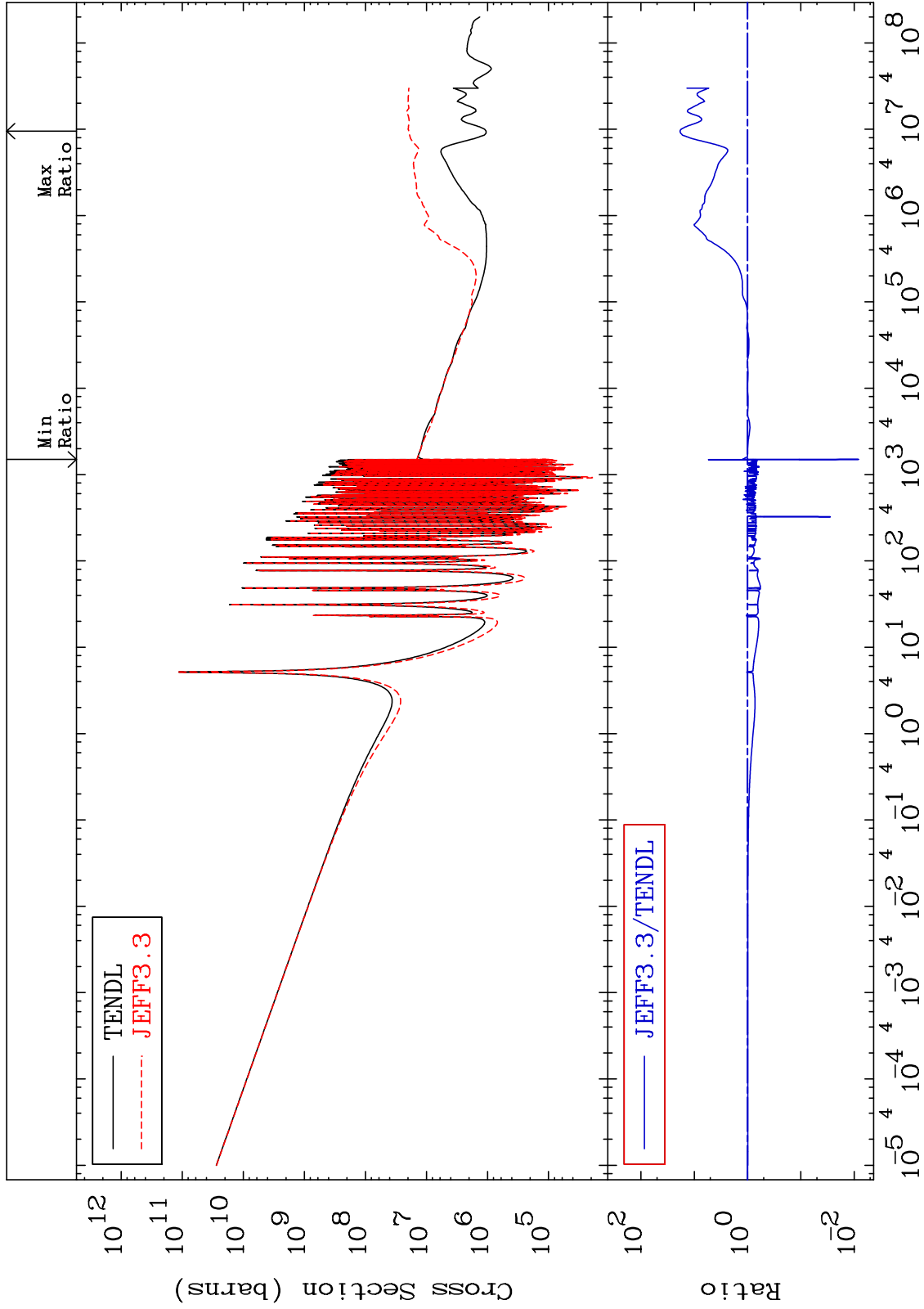
92-U -234
-93.83 To 9999. %



MAT 9225

Total photon (eV-barns)
Cross Section

92-U -234
-99.17 To 1749. %



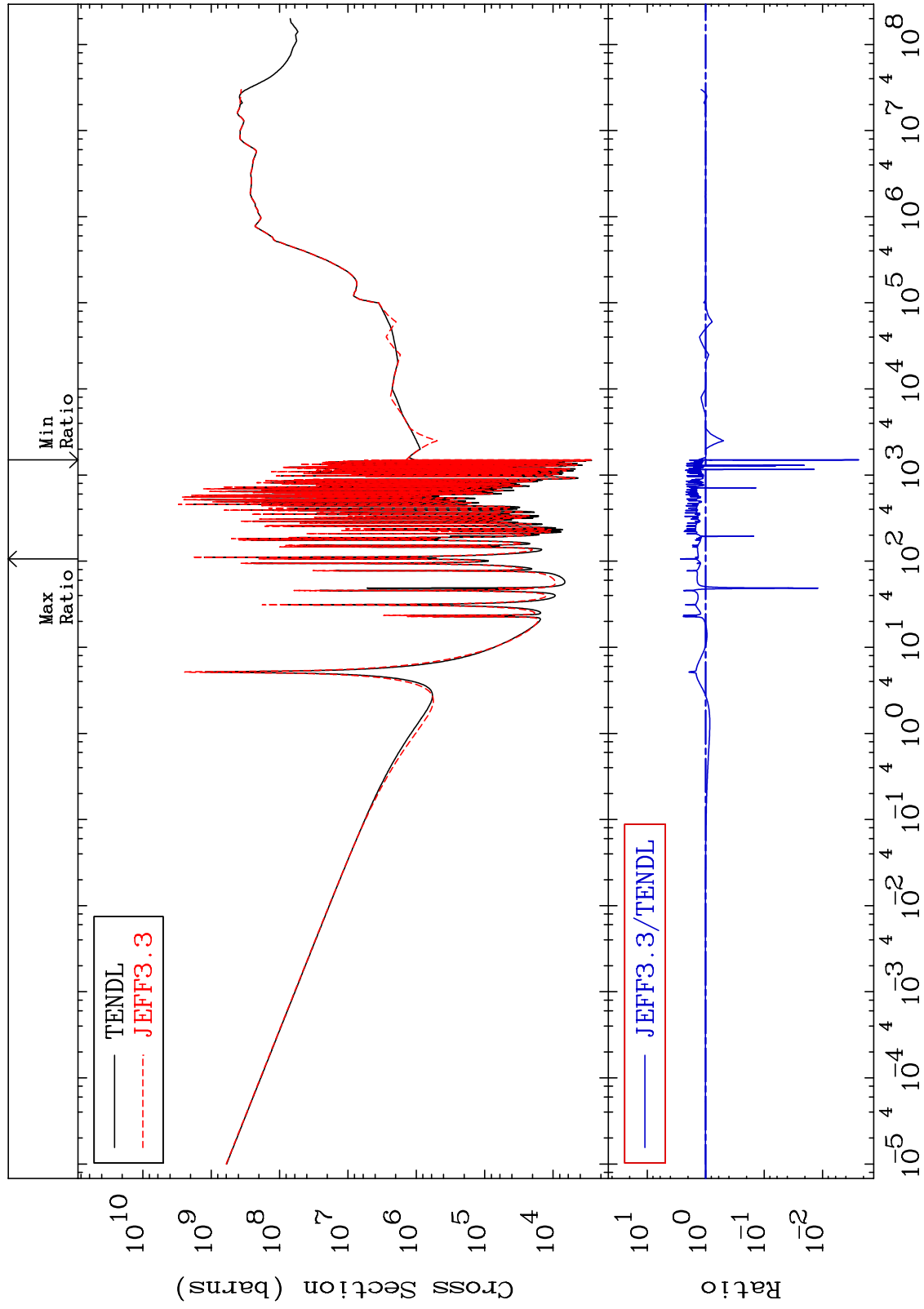
MAT 9225

Total kinematic kerma (high limit)

92-U -234

-99.76 To 169.7 %

Cross Section



50

Incident Energy (eV)

92-U -234

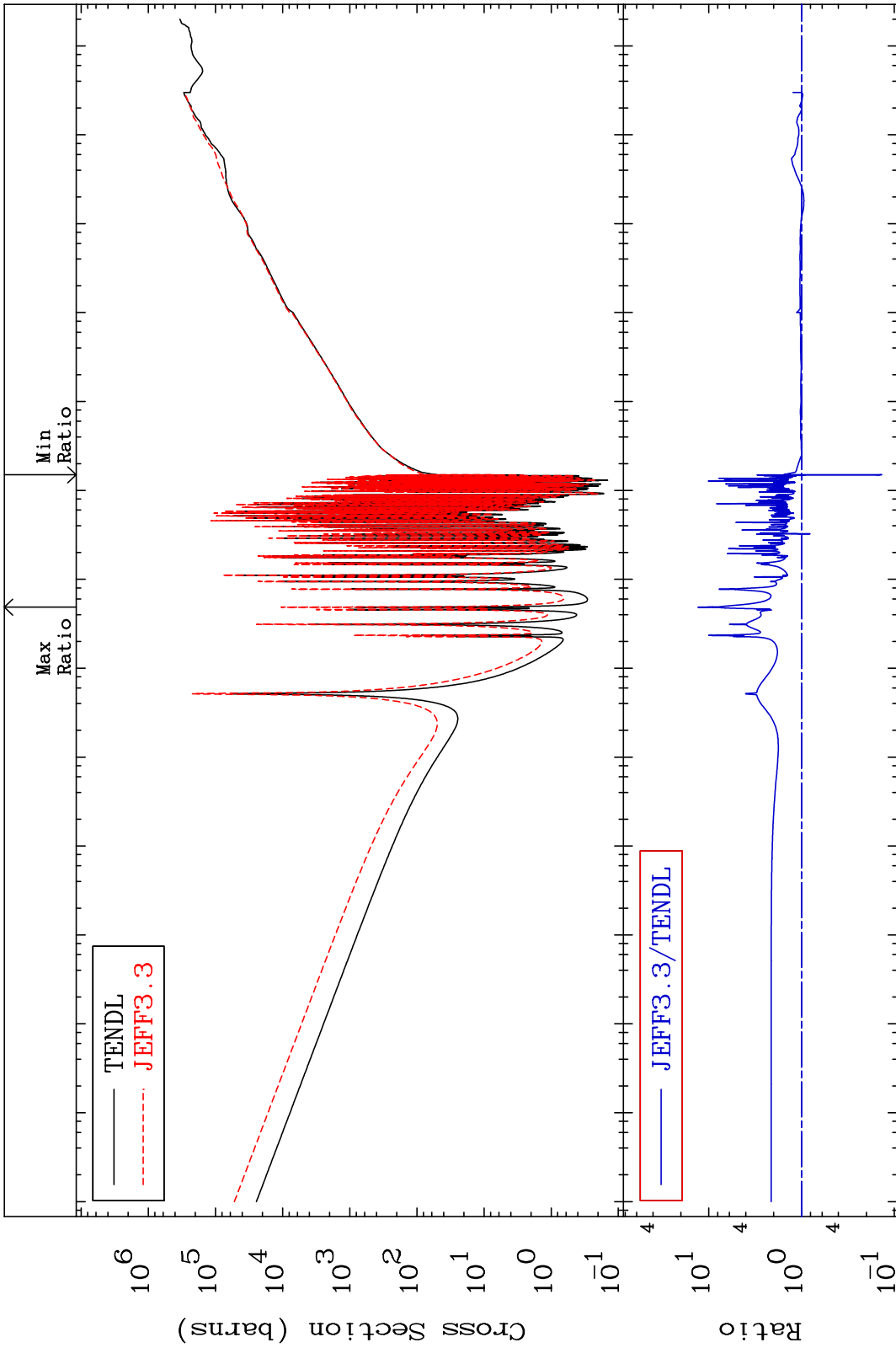
MAT 9225

Dpa total (eV-barns)

92-U -234

-86.27 To 1215. %

Cross Section



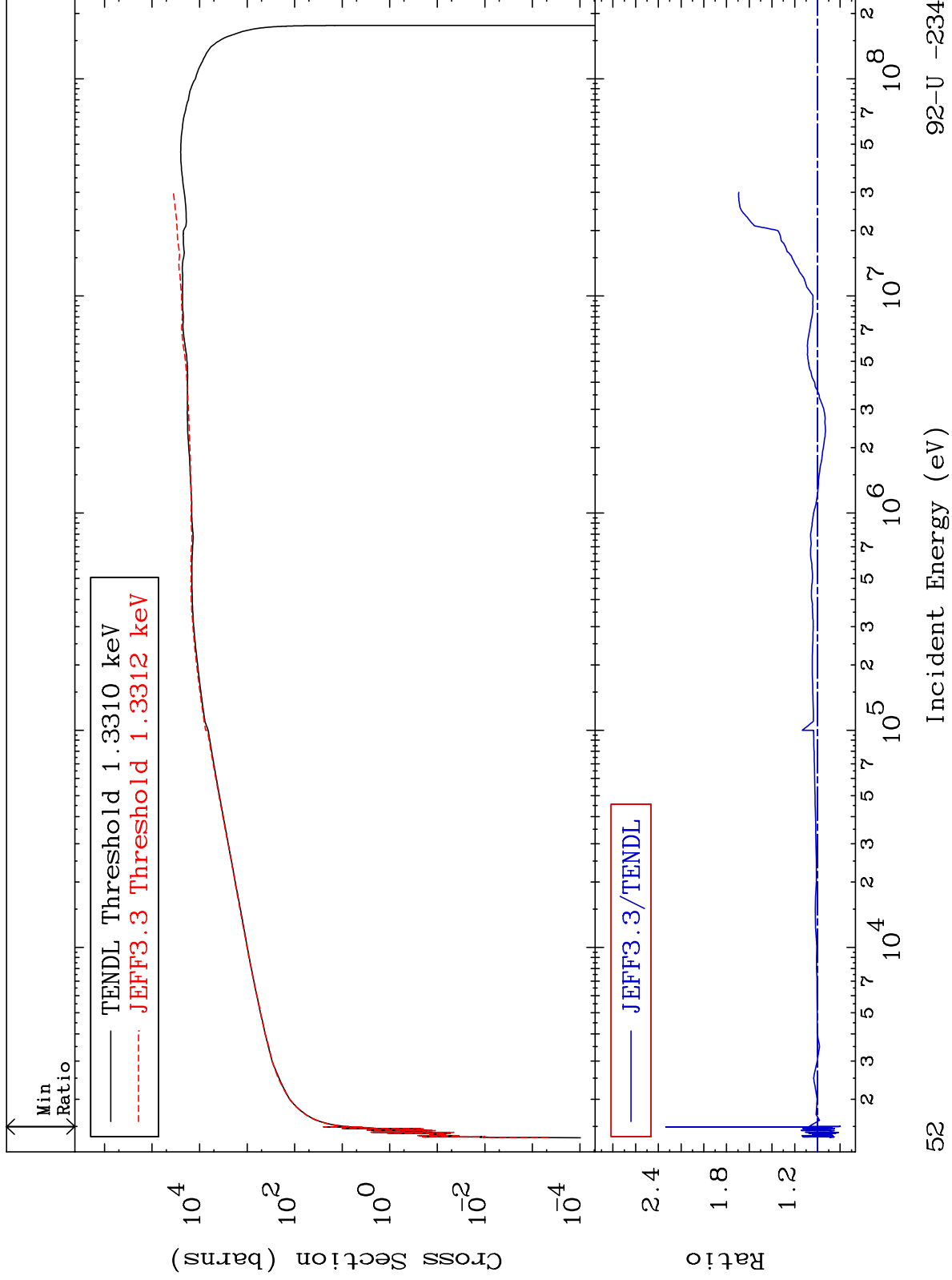
— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 9225

Dpa elastic (mt2)
Cross Section

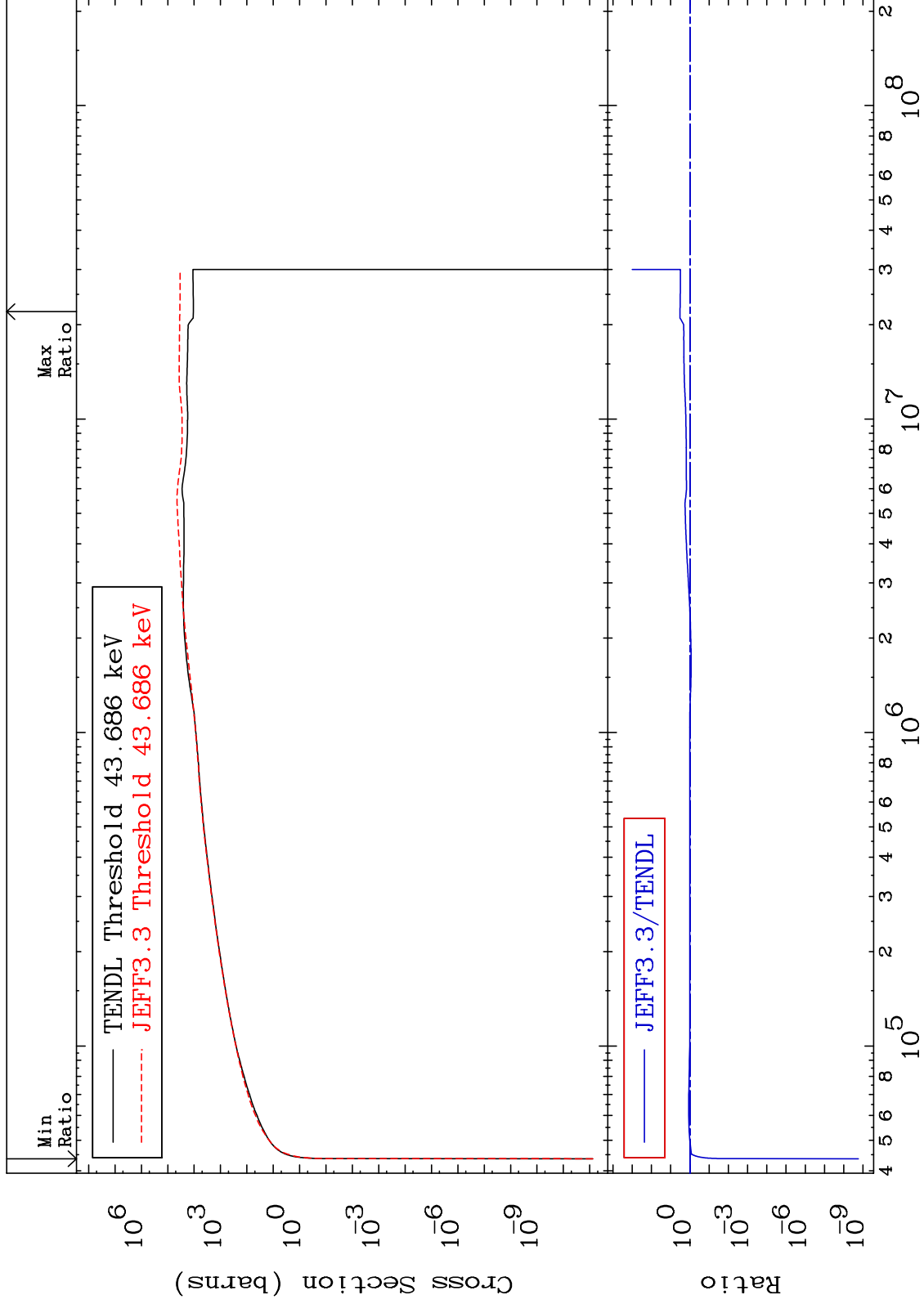
92-U -234
-20.33 To 133.4 %



MAT 9225

Dpa inelastic (mt51-91)
Cross Section

92-U -234
-100.0 To 225.6 %



53

92-U -234

MAT 9225

Dpa disappearance (mt102 -120)
Cross Section

92-U -234
-99.97 To 9999. %

