

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

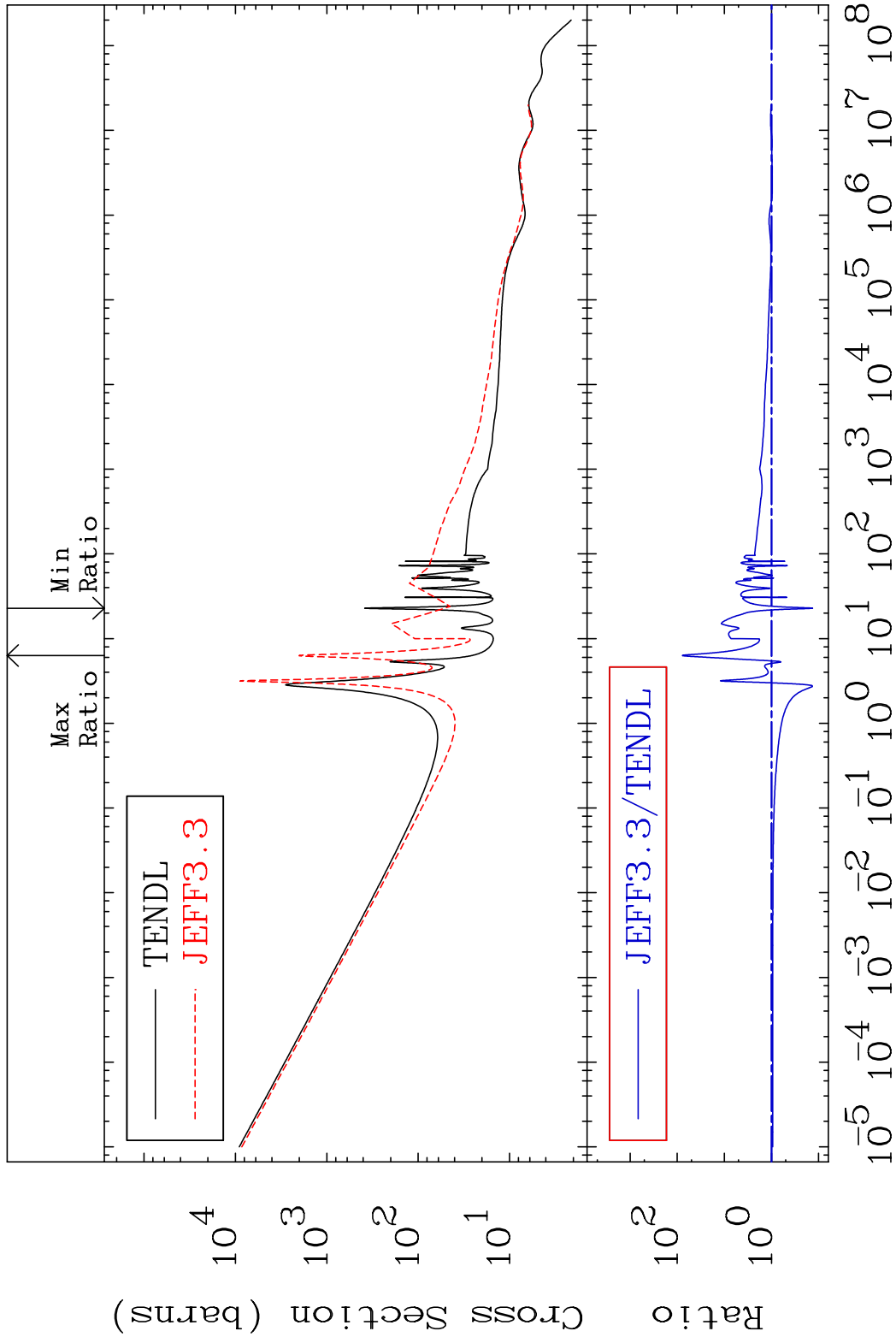
Press Mouse Button to Start

MAT 9428

94-Pu-236

Total

Cross Section -86.59 To 7689. %



1

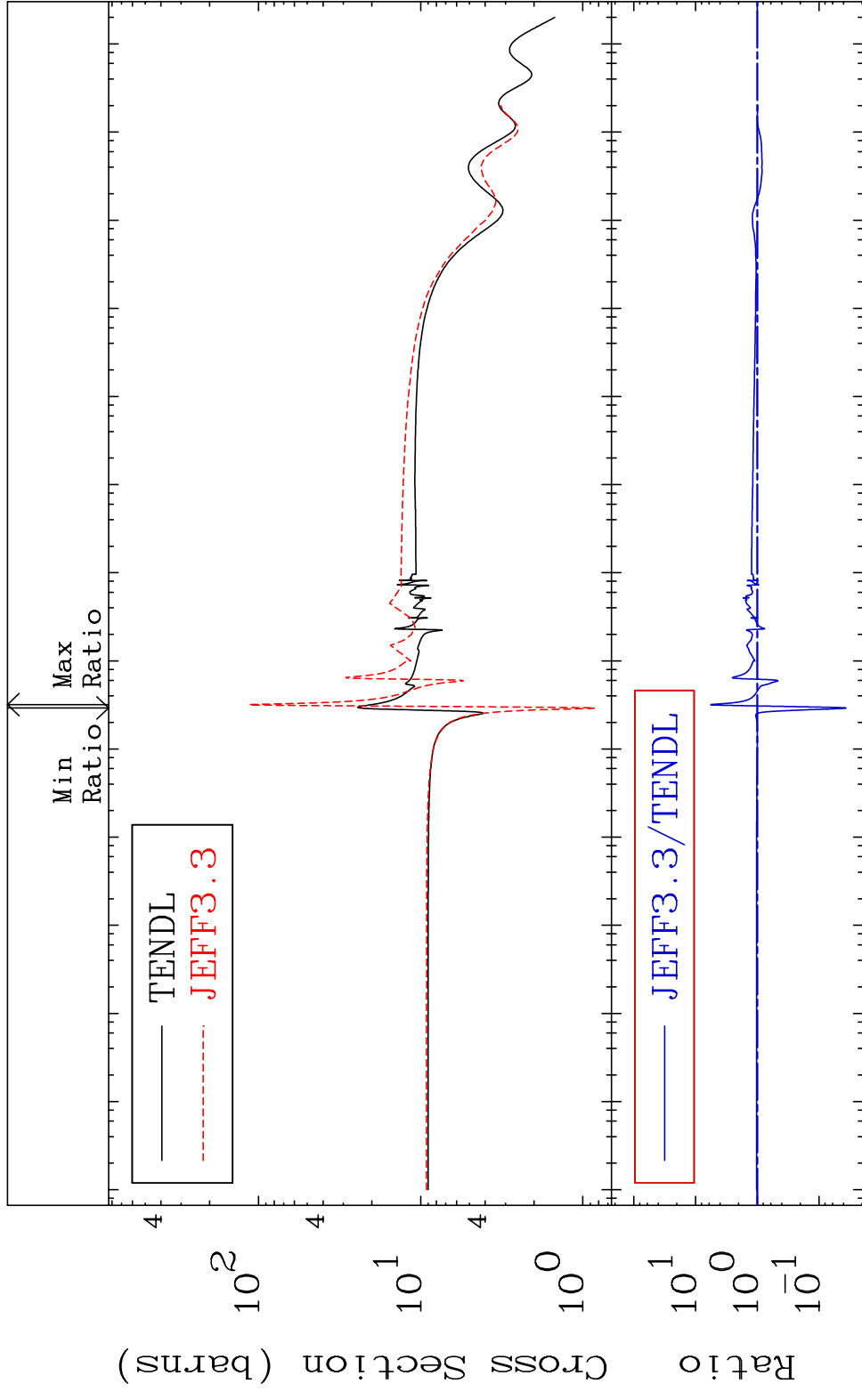
Incident Energy (eV)

94-Pu-236

MAT 9428

Elastic
Cross Section -96.40 To 465.7 %

94-Pu-236

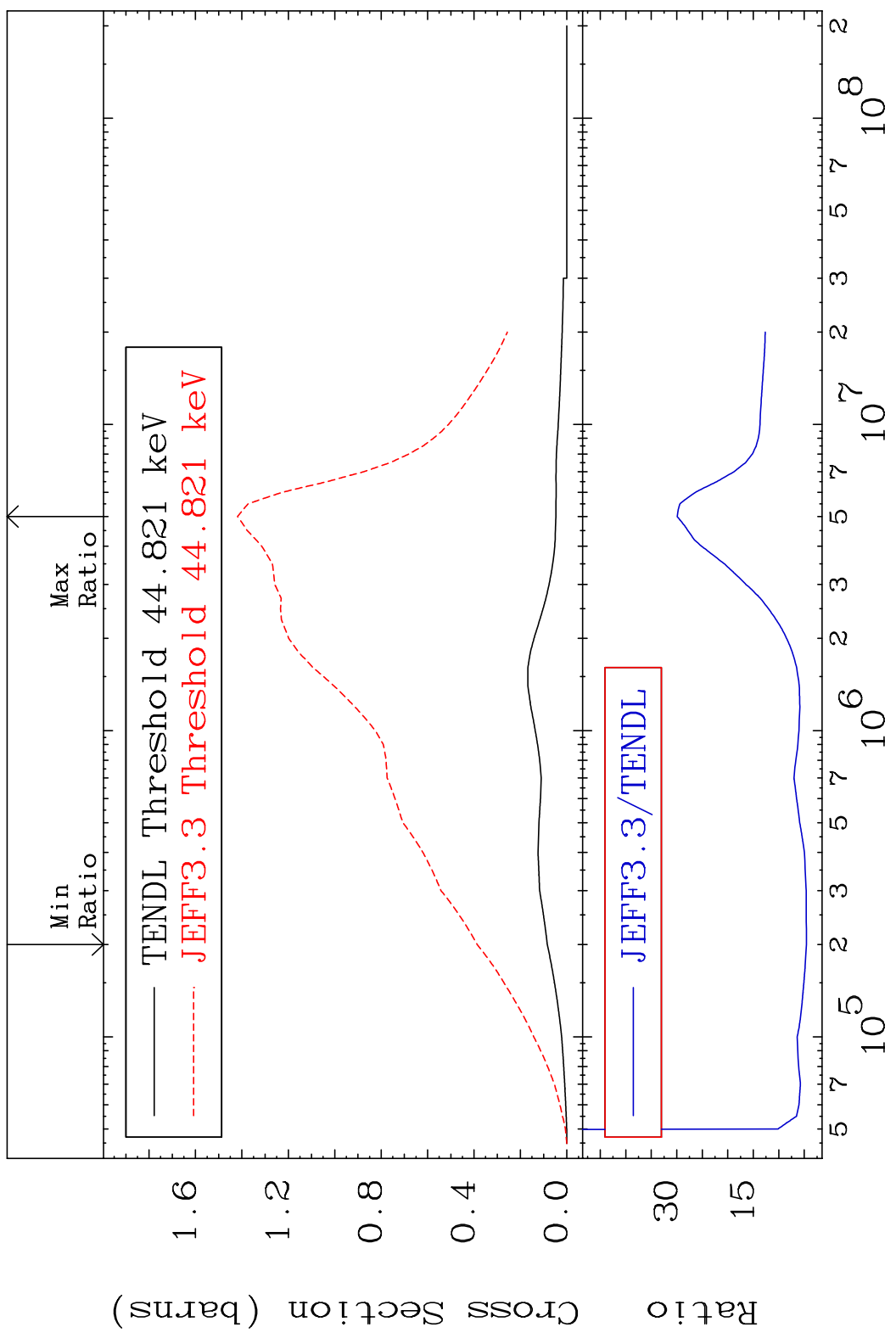


MAT 9428

Inelastic

94-Pu-236

Cross Section 358.7 To 2892. %

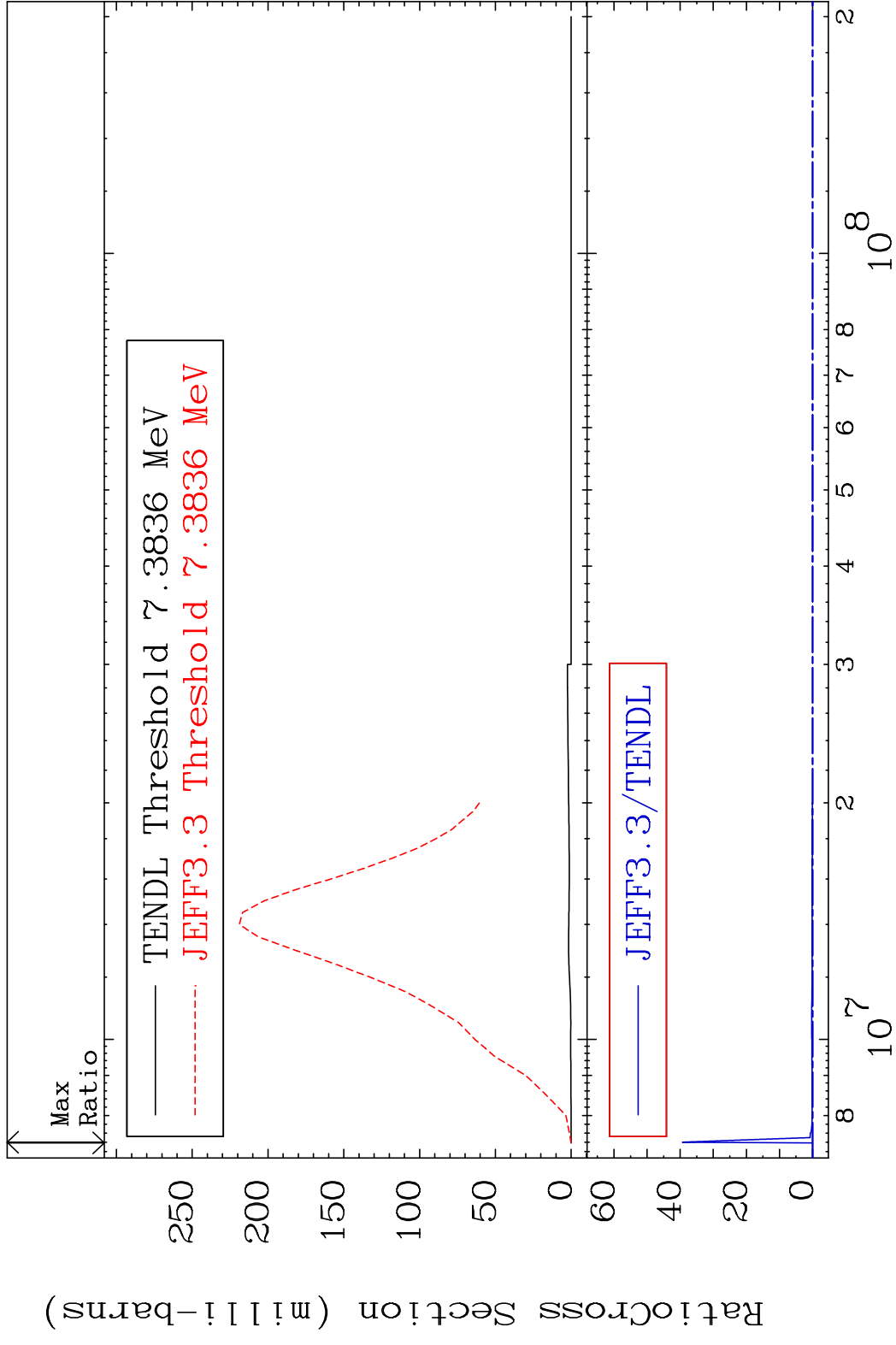


MAT 9428

(n,2n)

94-Pu-236

Cross Section -100.0 To 9999. %



94-Pu-236

Incident Energy (eV)

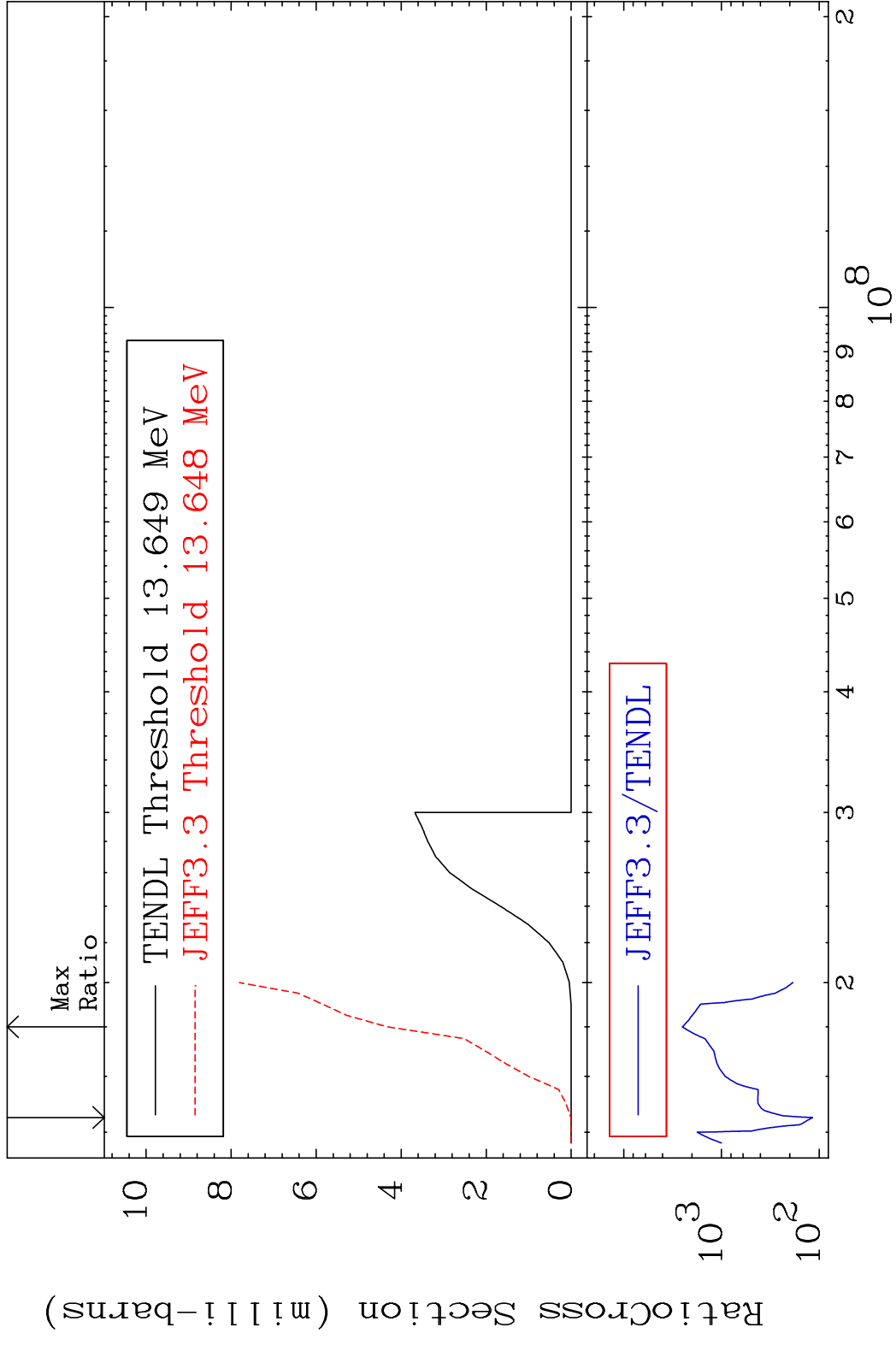
4

MAT 9428

(n,3n)

94-Pu-236

Cross Section 9999. To 9999. %



5

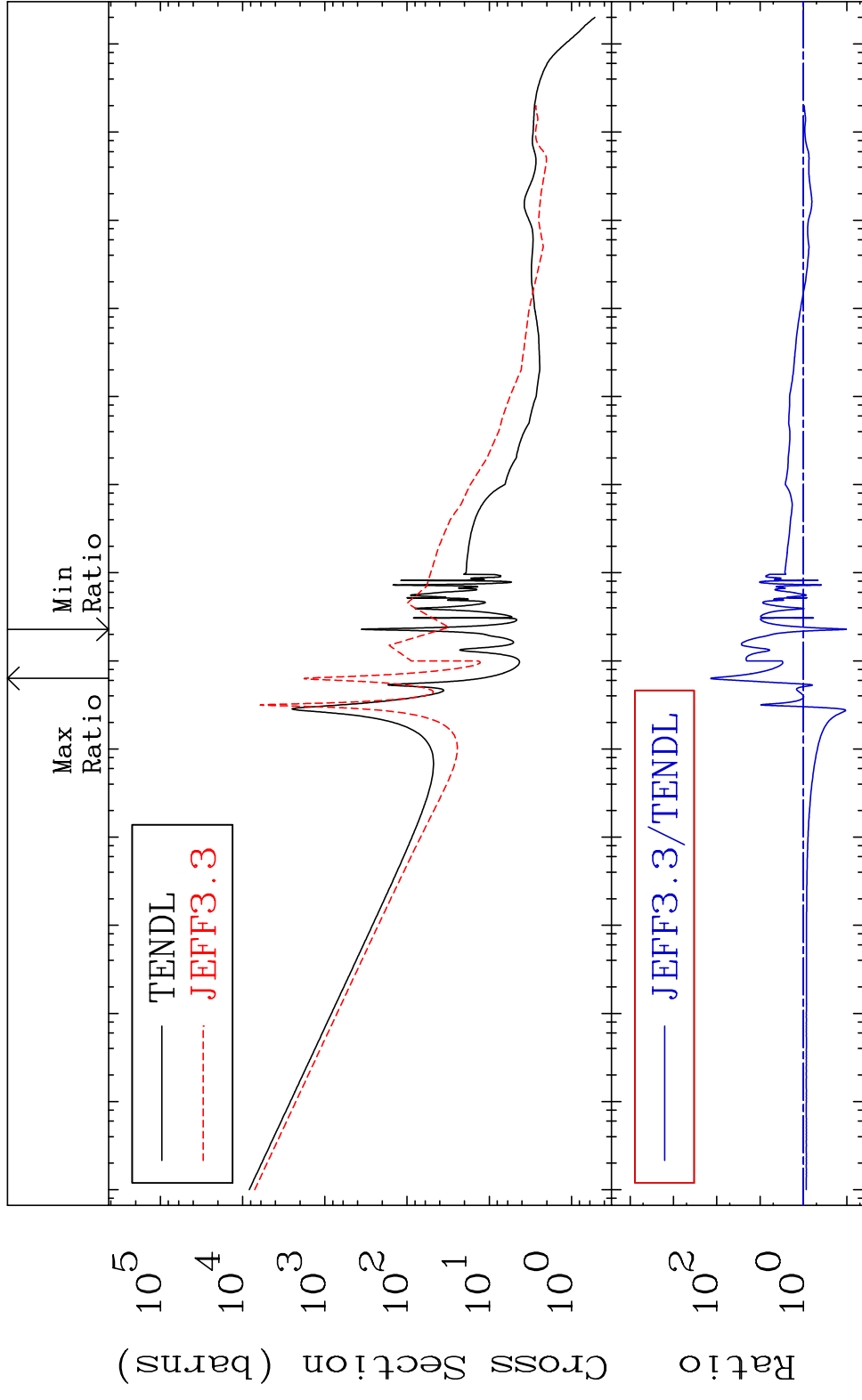
Incident Energy (eV)

94-Pu-236

MAT 9428

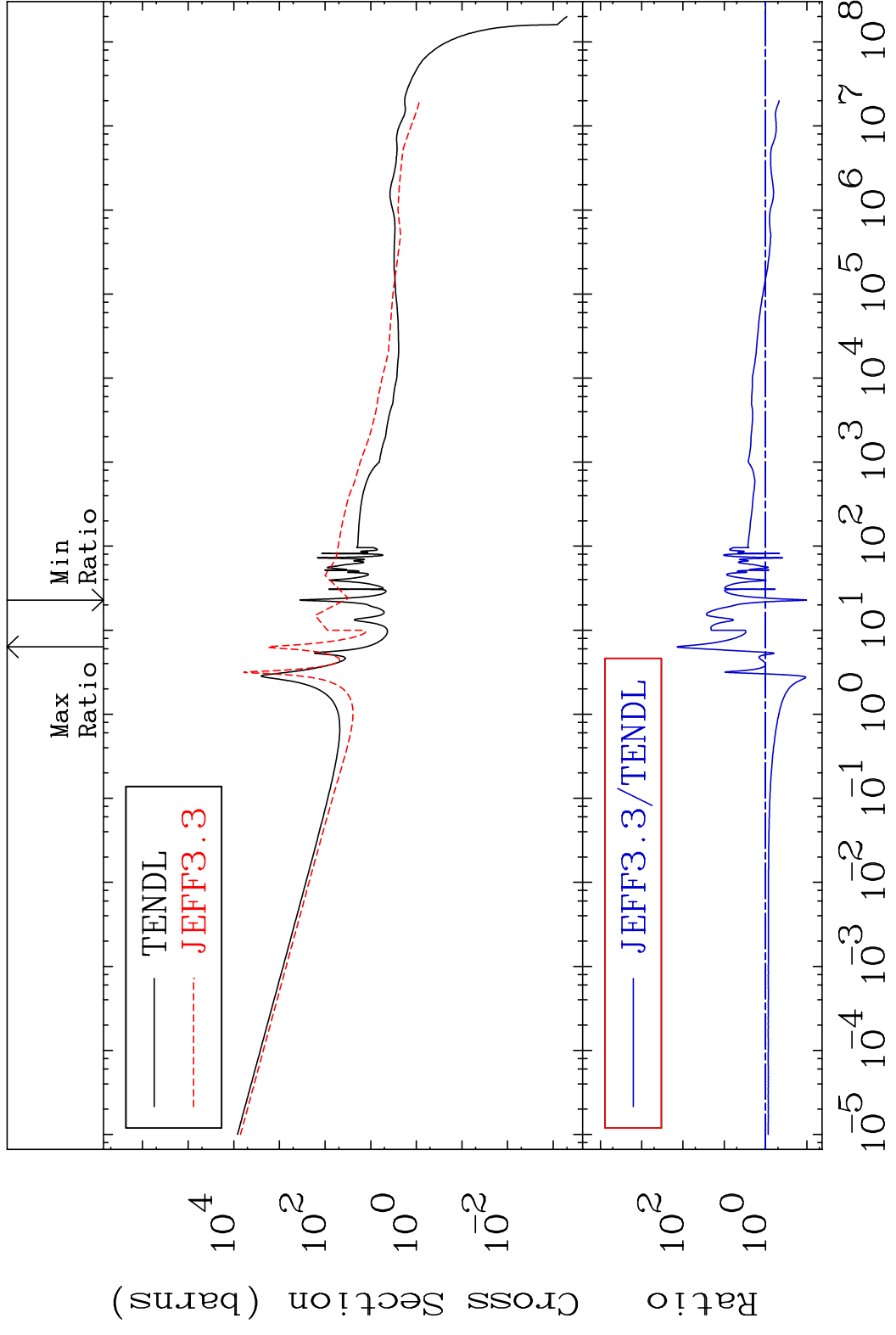
Fission Cross Section -89.75 To 9999. %

94-Pu-236



MAT 9428

(n,f) First Chance 94-Pu-236
Cross Section -89.75 To 9999. %



7

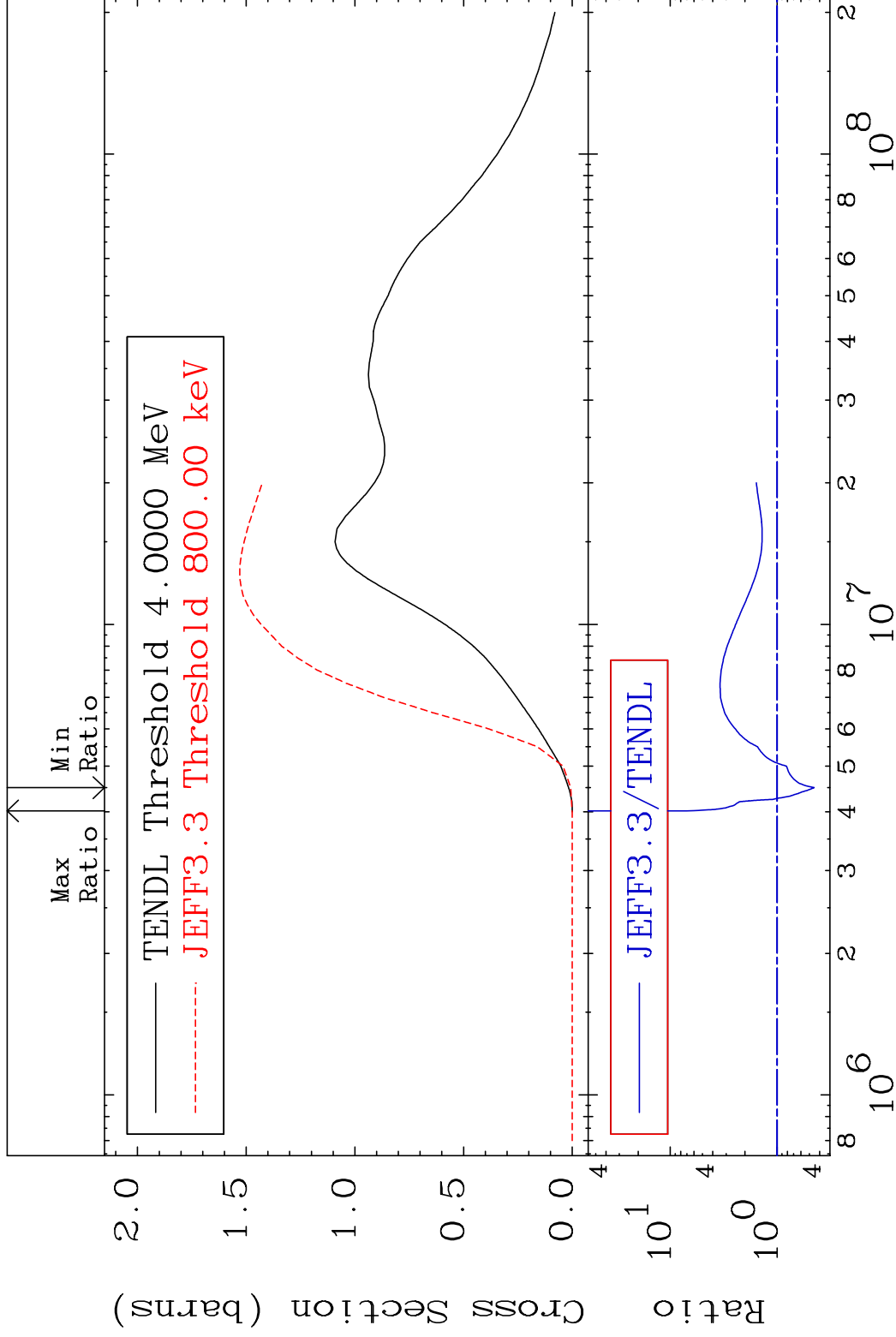
Incident Energy (eV) 94-Pu-236

MAT 9428

(n,nf) Second Chance

94-Pu-236

Cross Section -54.96 To 650.0 %



8

Incident Energy (eV)

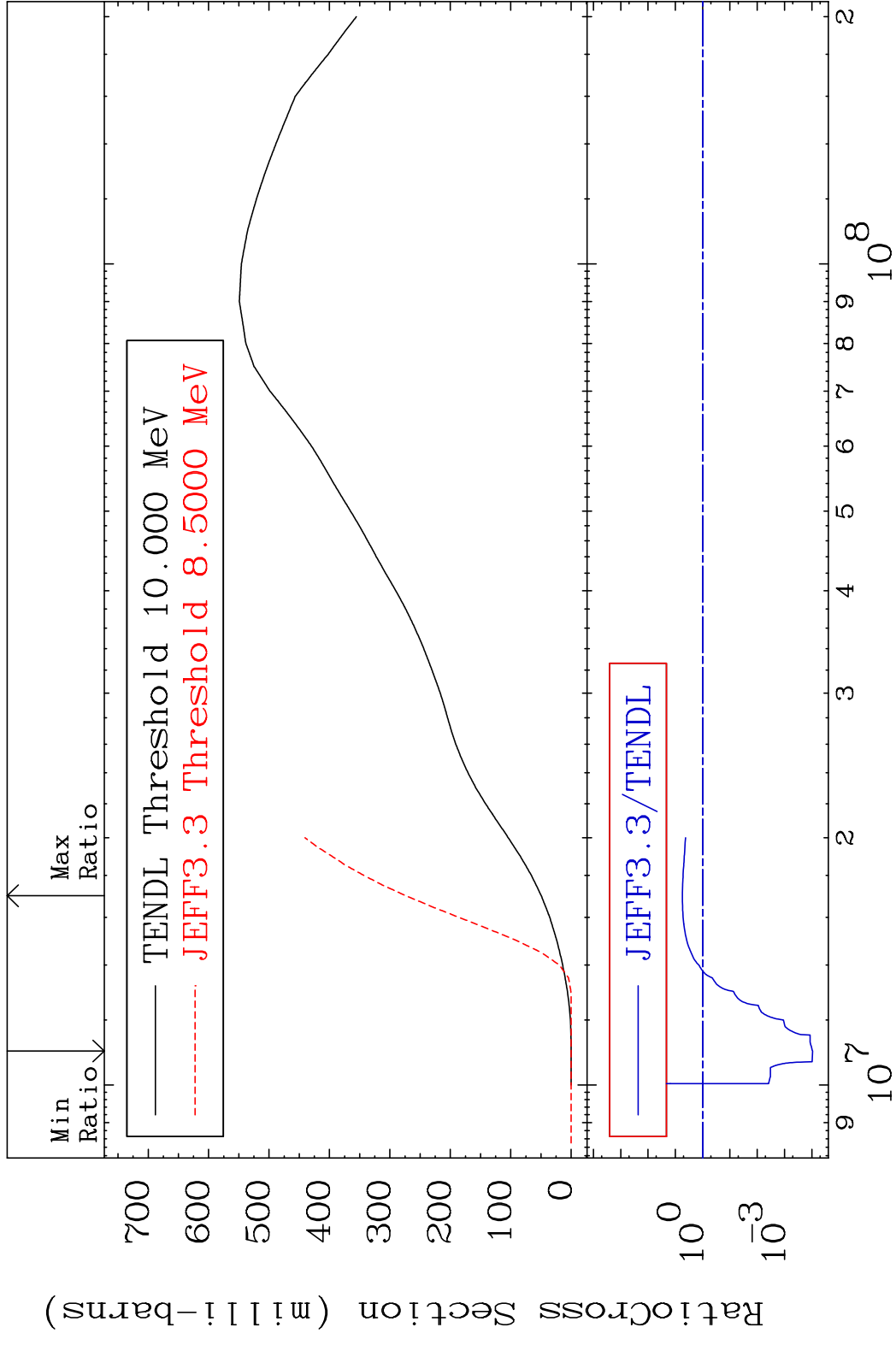
94-Pu-236

MAT 9428

(n,2nf) Third Chance

94-Pu-236

Cross Section -99.99 To 452.9 %

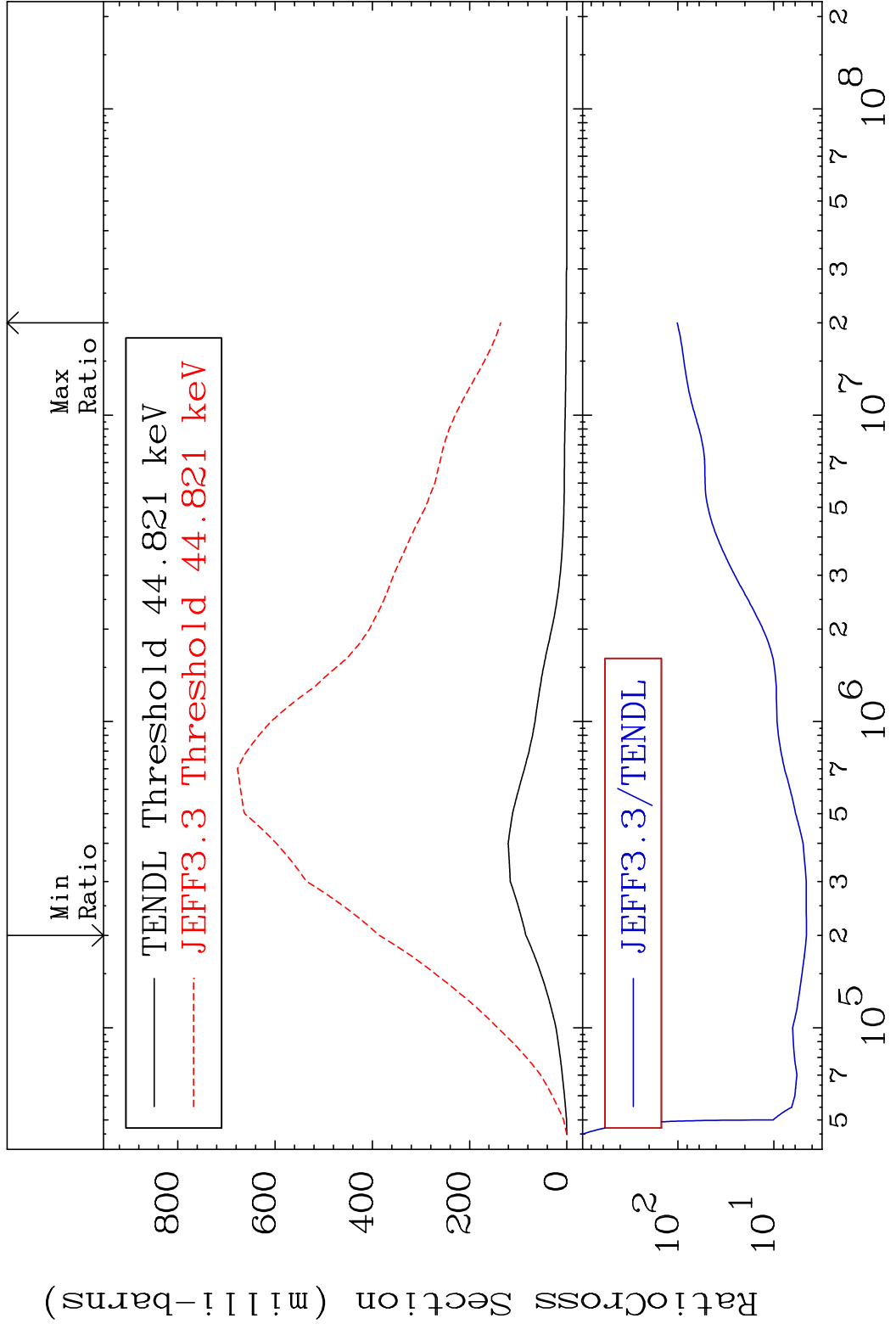


9

Incident Energy (eV)

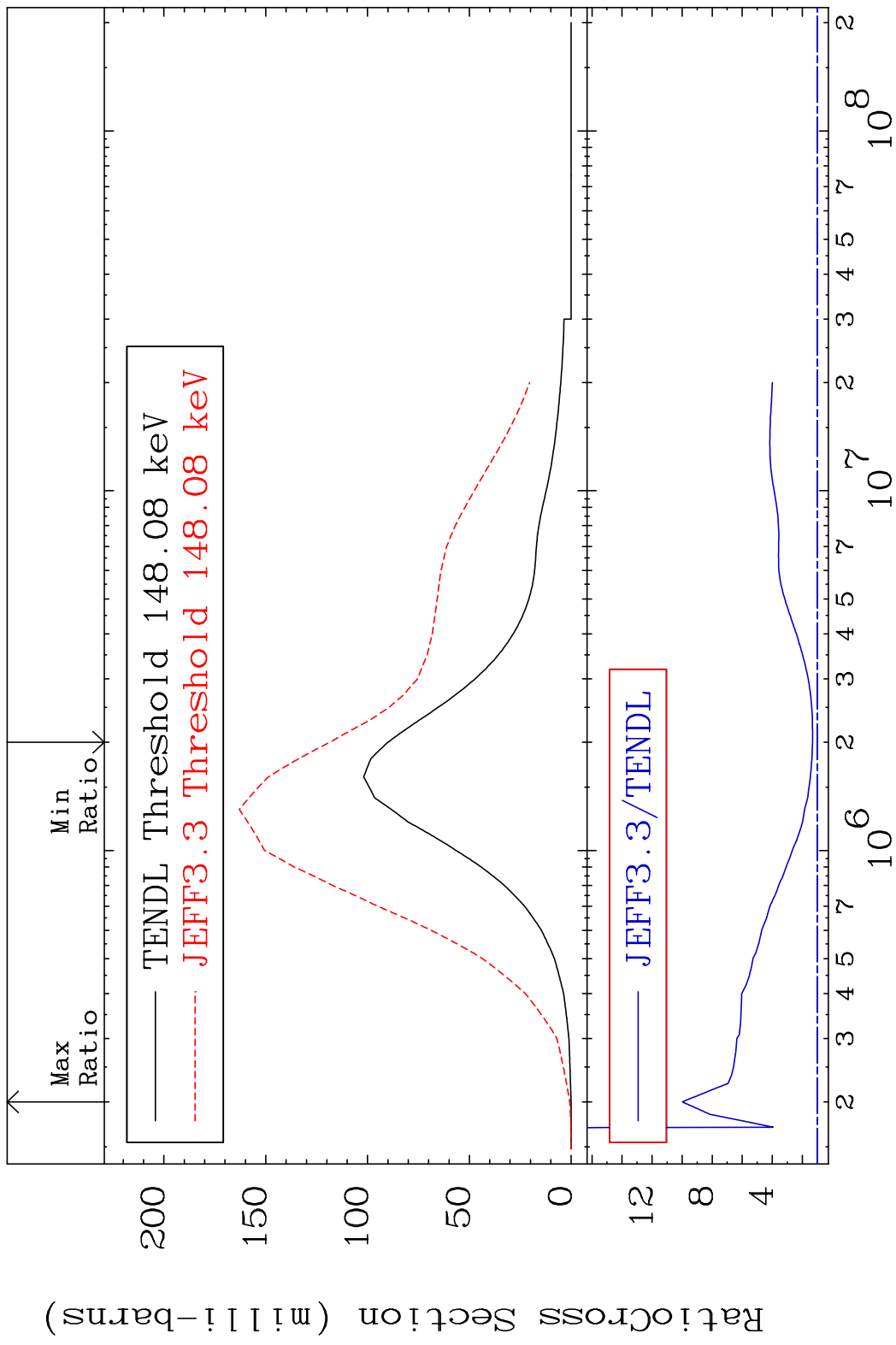
94-Pu-236

MAT 9428 MT= 51 (n, n') Level 94-Pu-236
 Cross Section 358.2 To 9999. %

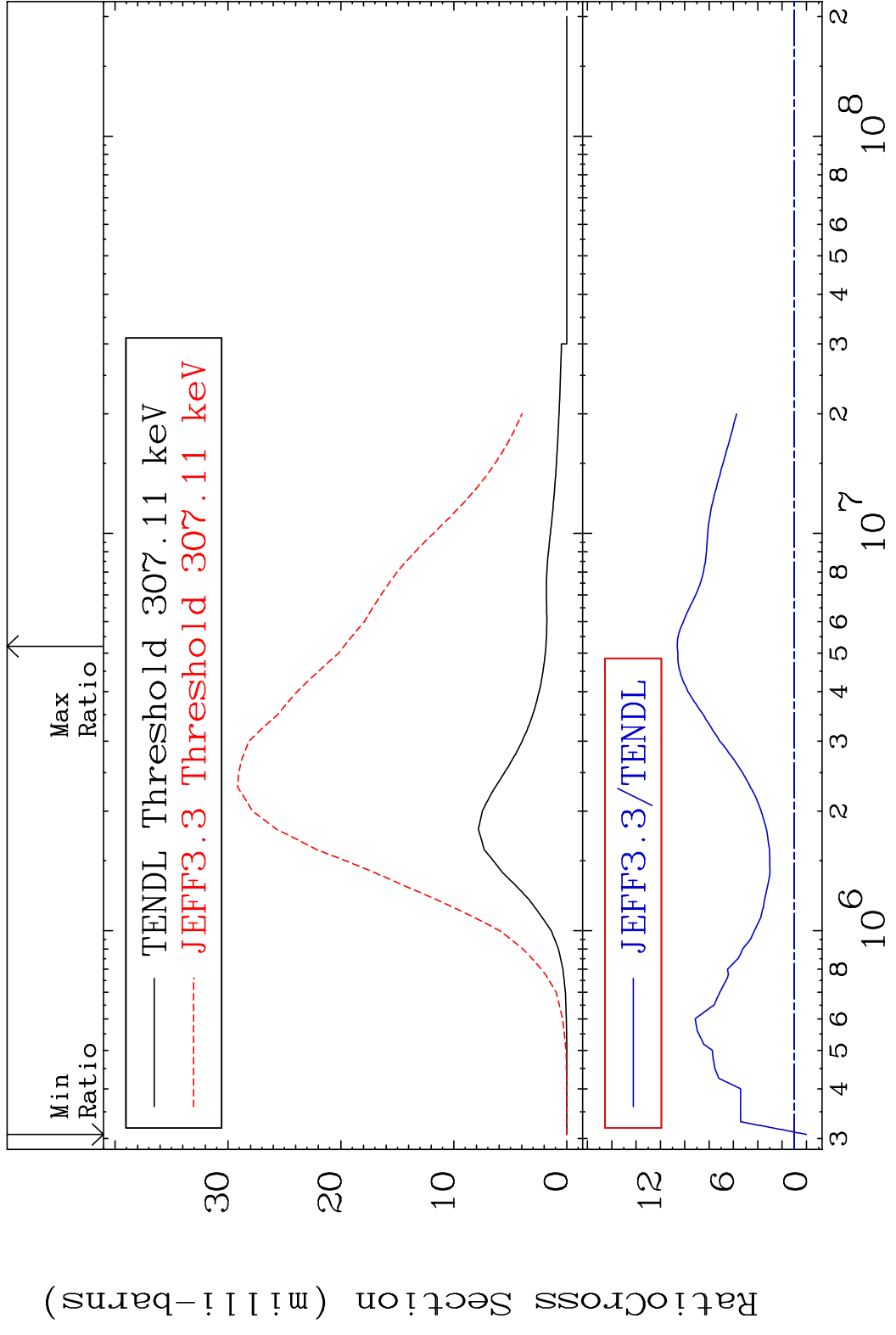


10 Incident Energy (eV) 94-Pu-236

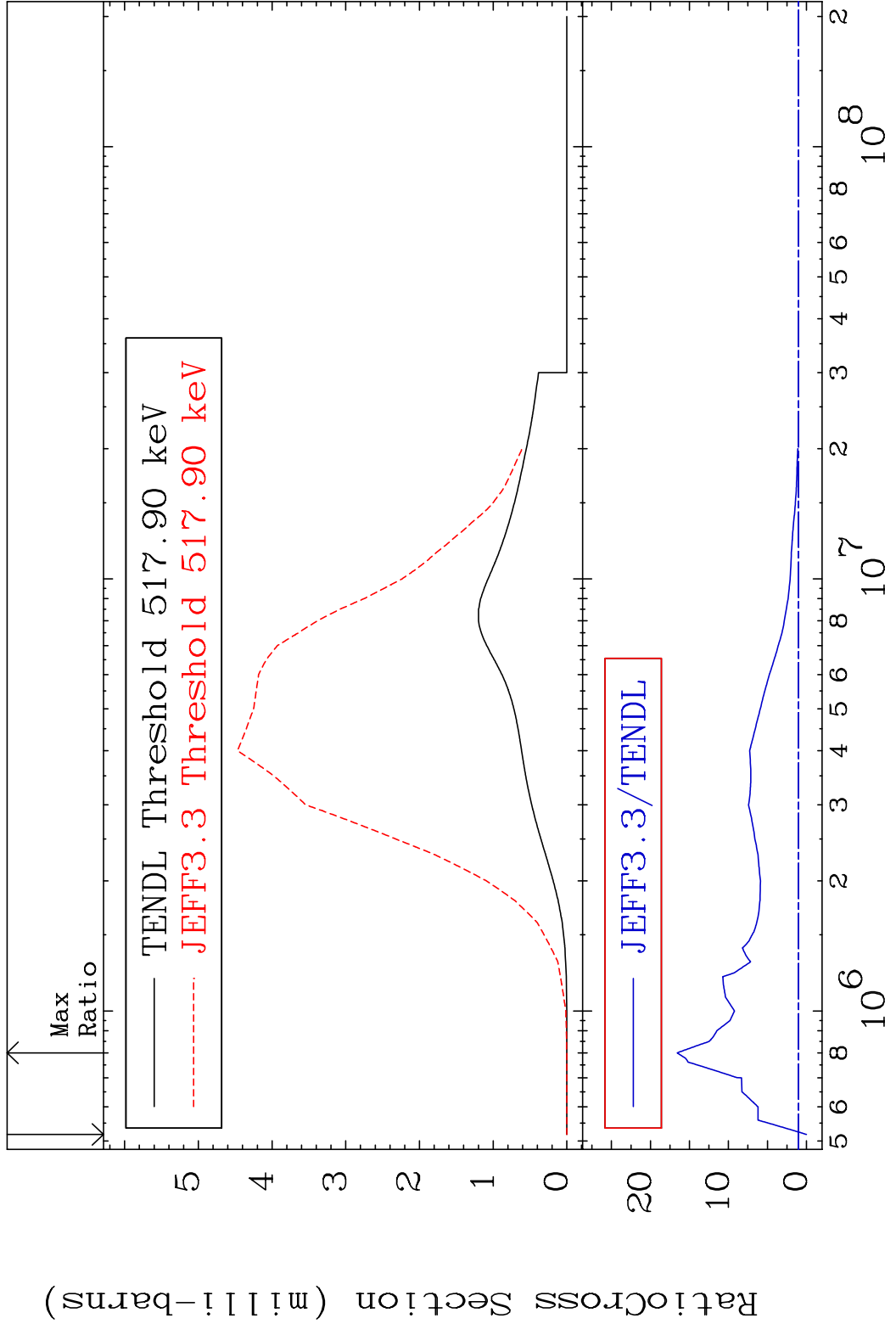
MAT 9428 MT= 52 (n, n') Level 94-Pu-236
 Cross Section 31.64 To 898.3 %



MAT 9428 MT= 53 (n, n') Level 94-Pu-236
 Cross Section -100.0 To 962.0 %



MAT 9428 MT= 54 (n, n') Level 94-Pu-236
 Cross Section -100.0 To 1557. %

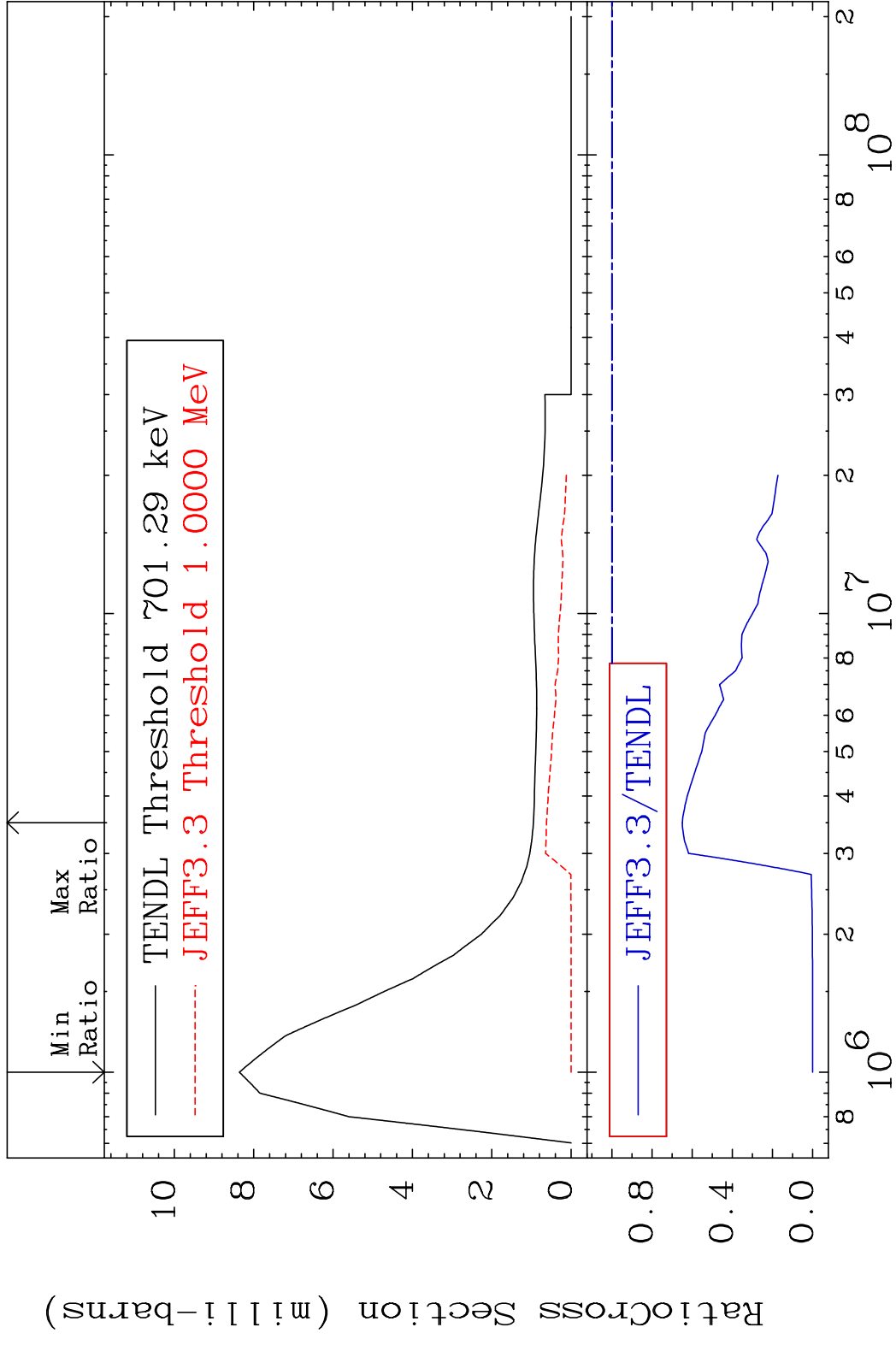


MAT 9428

MT= 55 (n, n') Level

94-Pu-236

Cross Section -100.0 To -35.08%

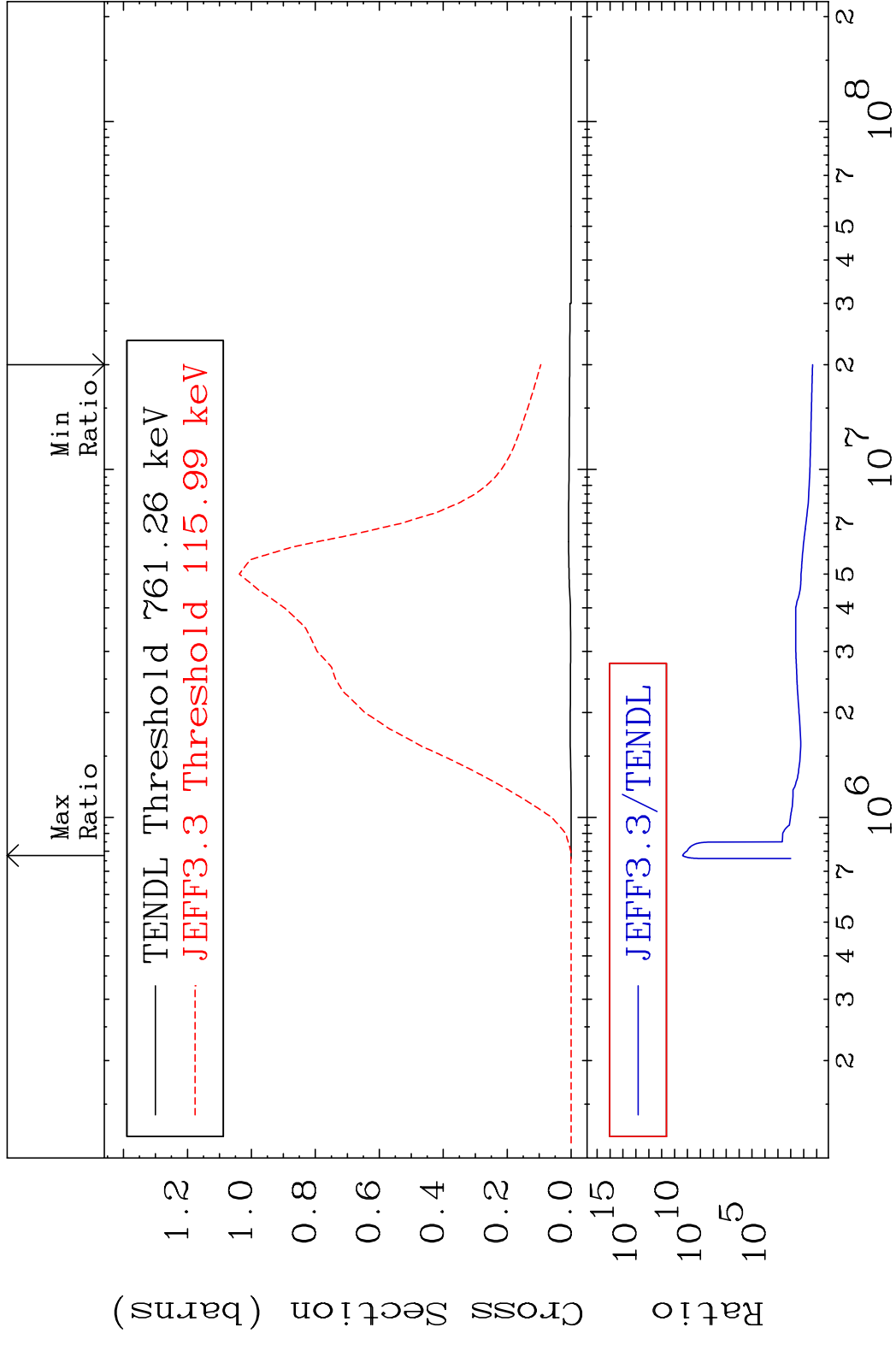


MAT 9428

(n,n') Continuum

94-Pu-236

Cross Section 1961. To 9999. %

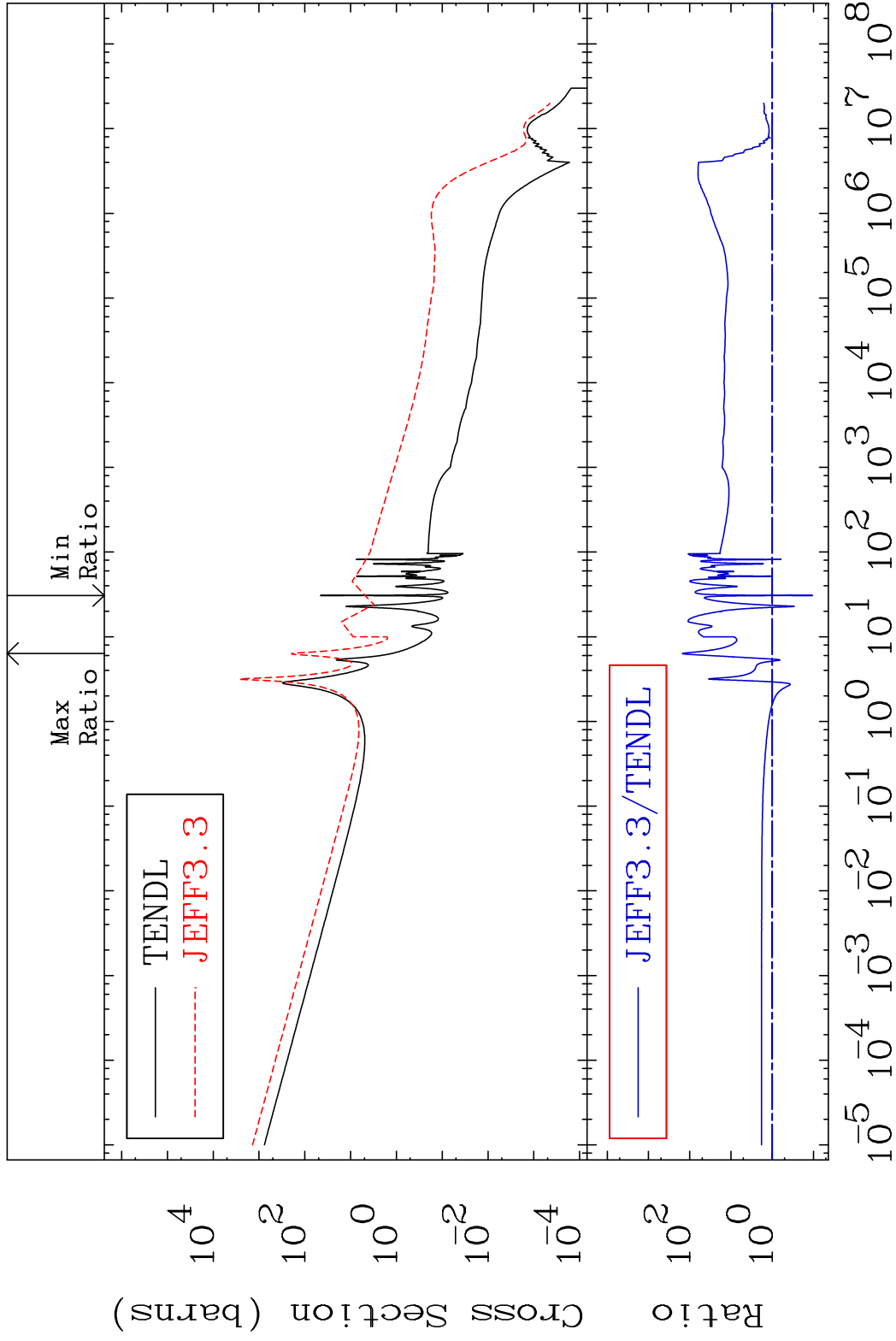


MAT 9428

(n, γ)

94-Pu-236

Cross Section -89.50 To 9999. %



16

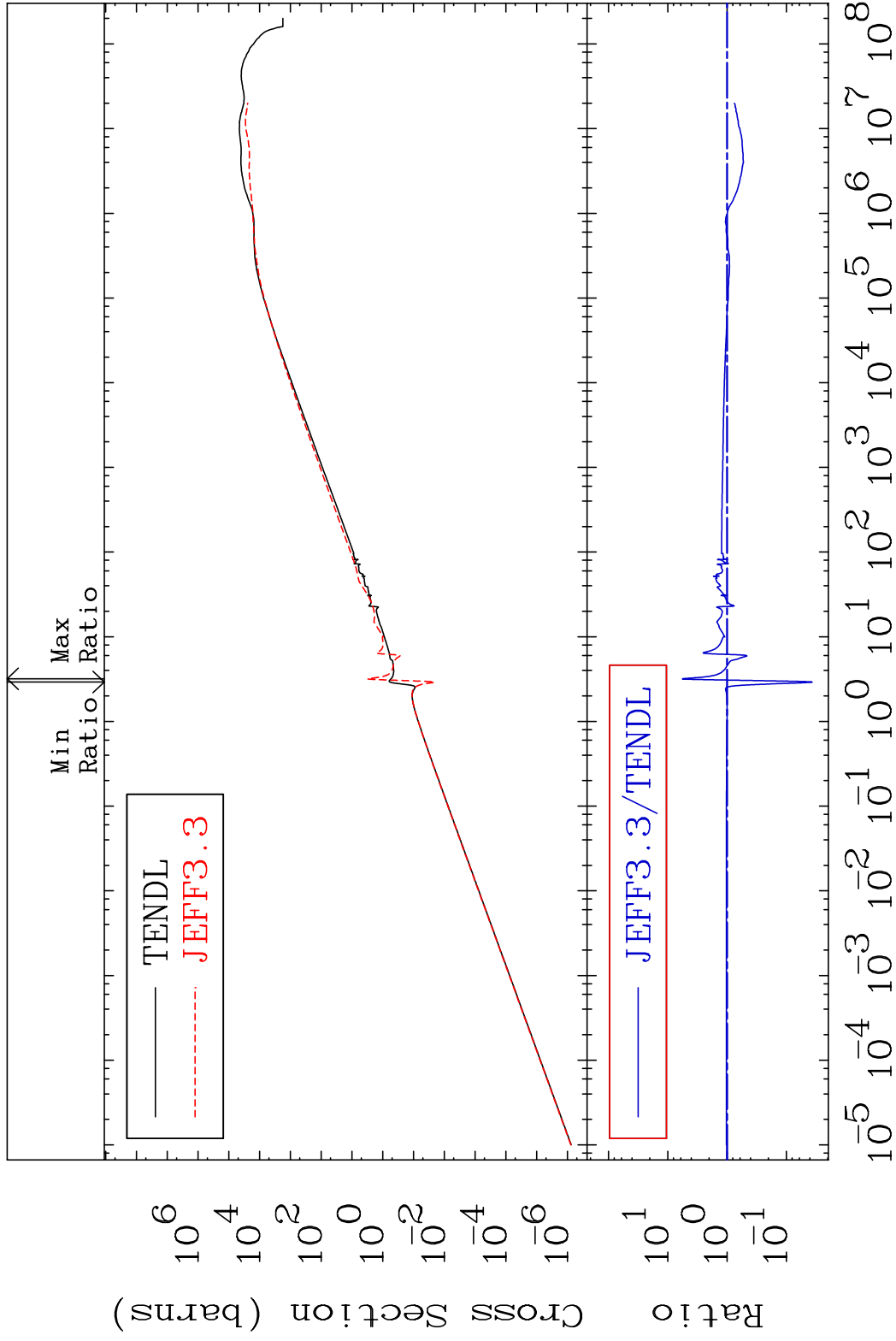
Incident Energy (eV)

94-Pu-236

MAT 9428

Kerma elastic
Cross Section -96.40 To 465.7 %

94-Pu-236

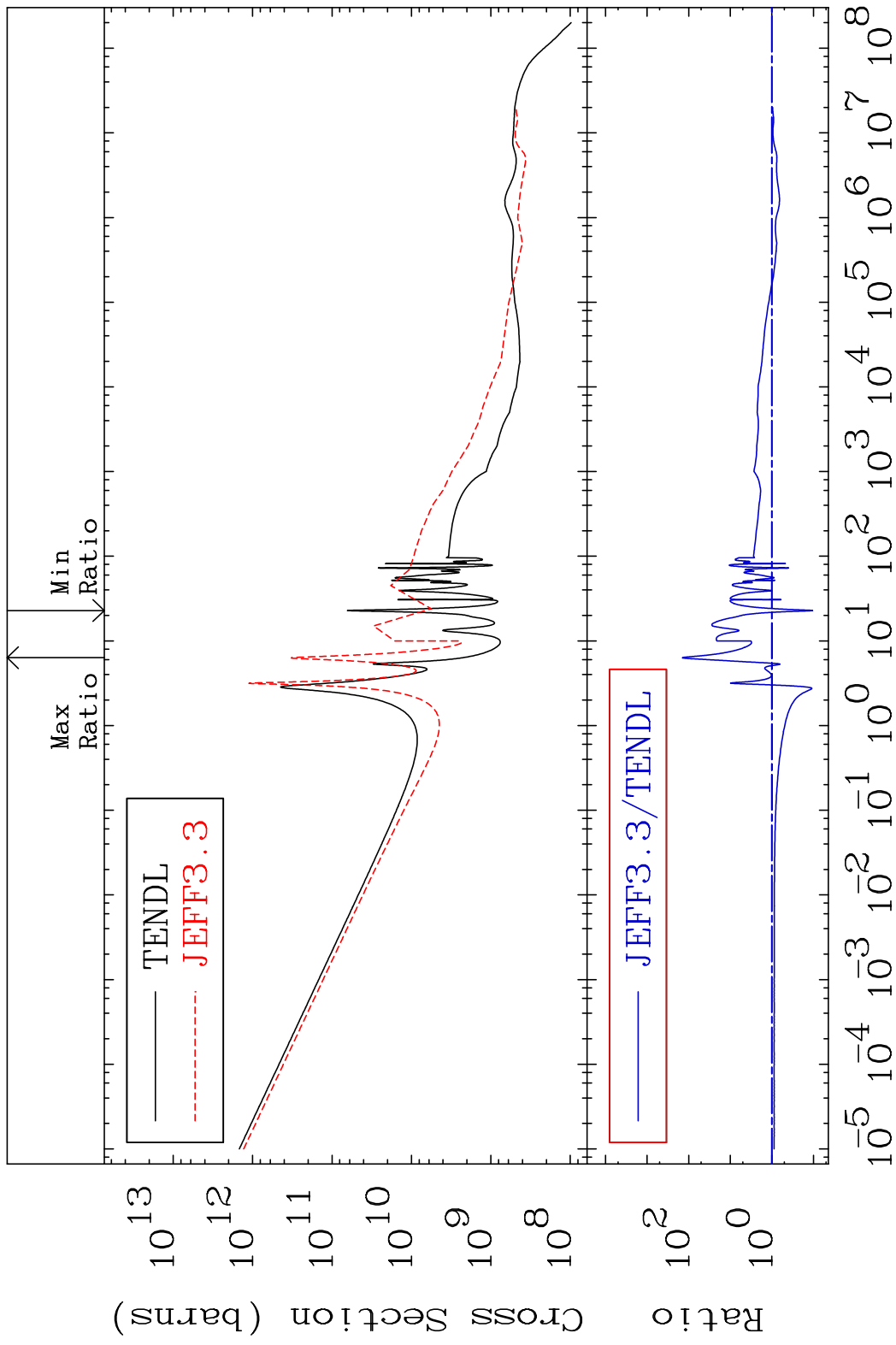


18

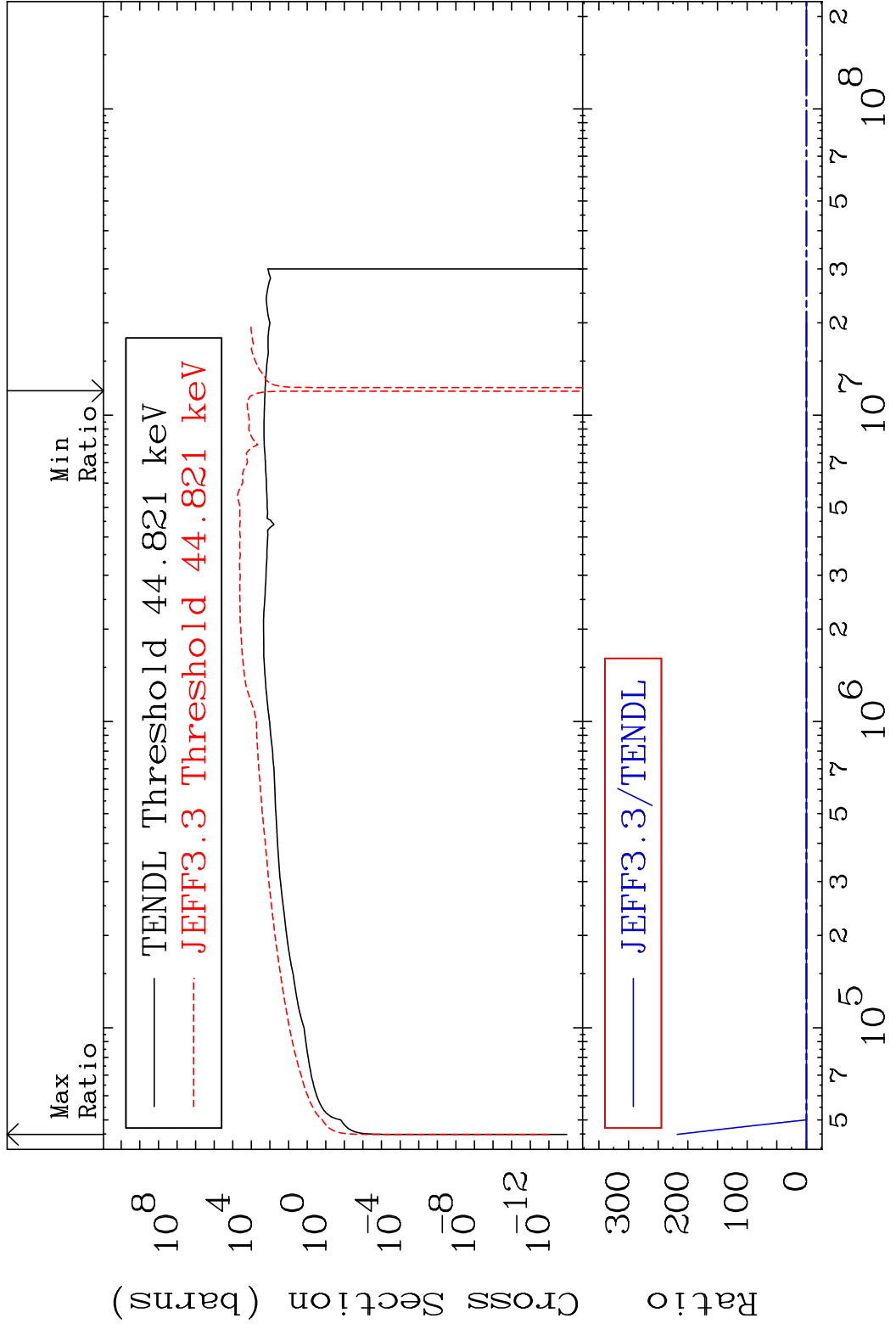
Incident Energy (eV)

94-Pu-236

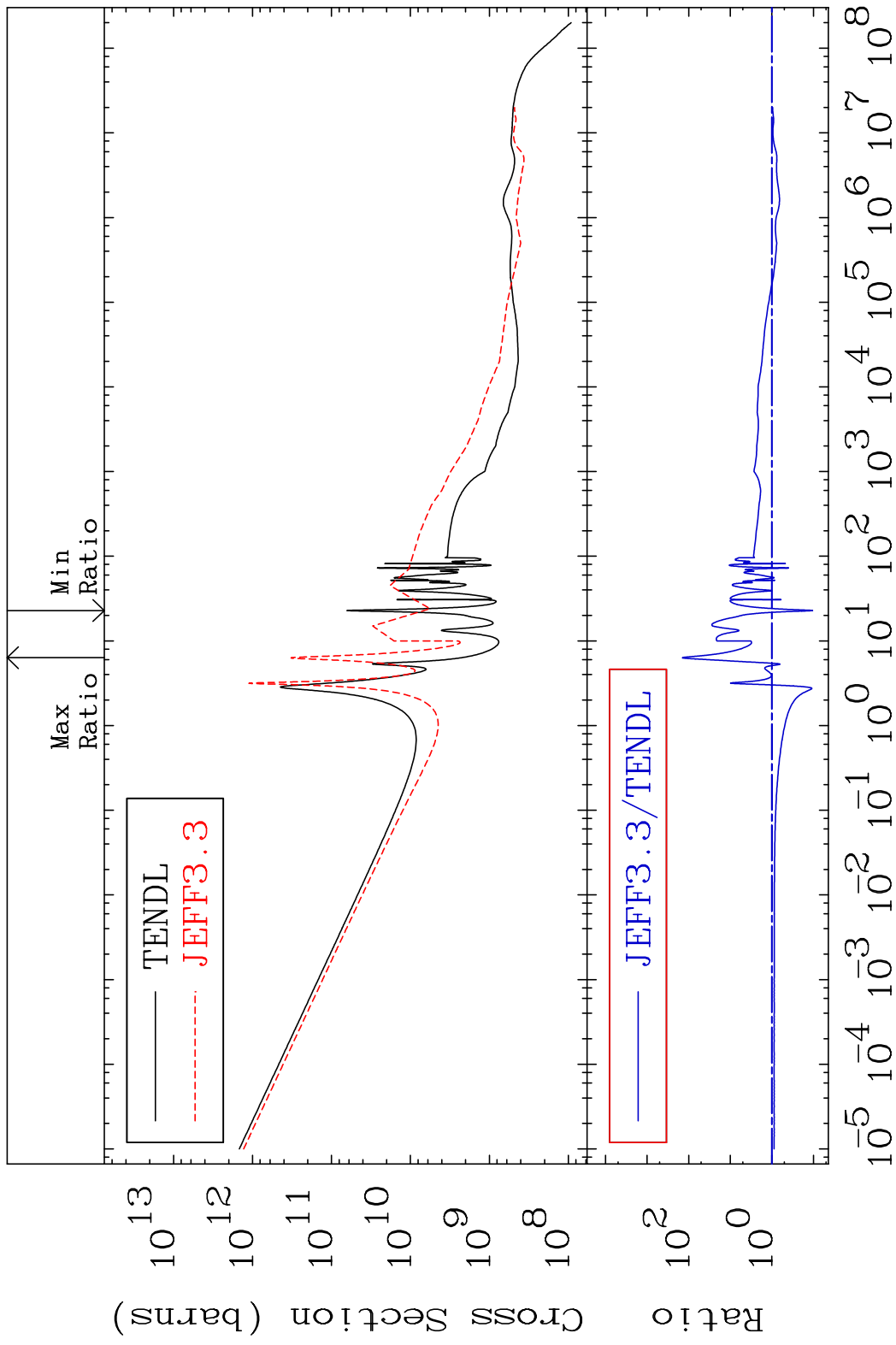
MAT 9428 Kerma non-elastic (all but mt2) 94-Pu-236
 Cross Section -89.48 To 9999. %



MAT 9428 Kerma inelastic (mt51-91) 94-Pu-236
 Cross Section -138.8 To 9999. %

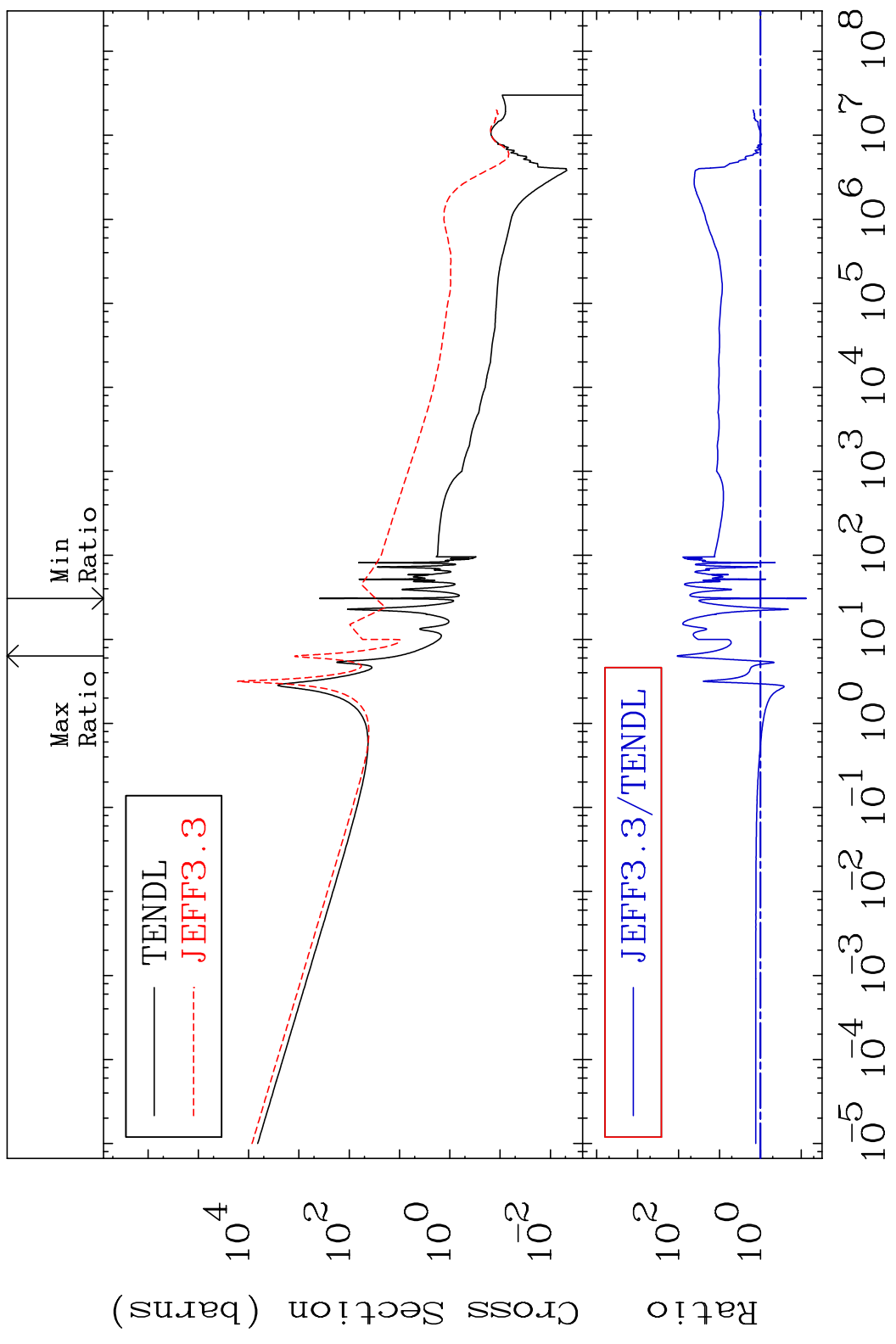


MAT 9428 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-236
 Cross Section -89.48 To 9999. %



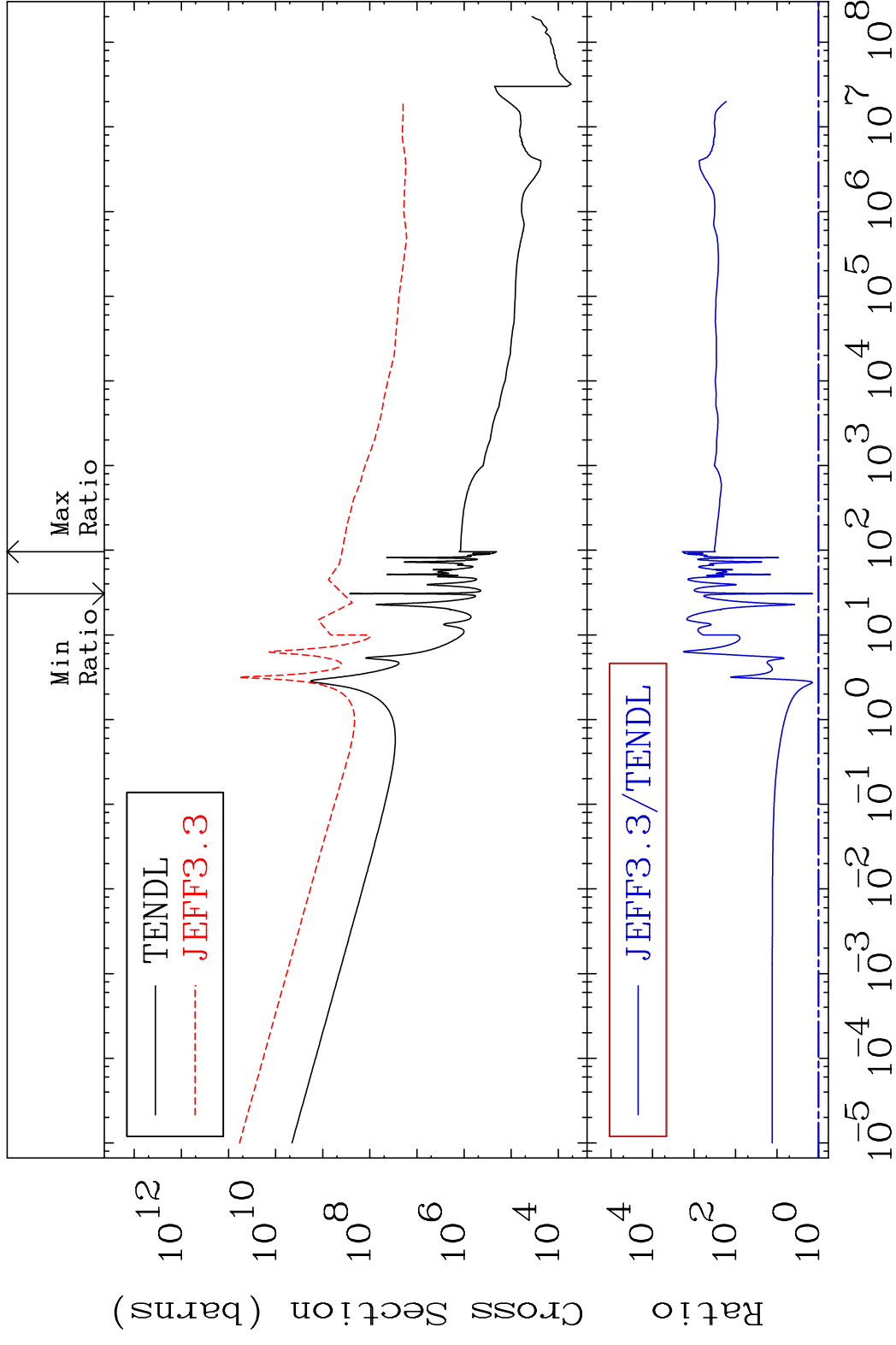
MAT 9428

Kerma capture (mt102) 94-Pu-236
Cross Section -92.48 To 9999. %



MAT 9428

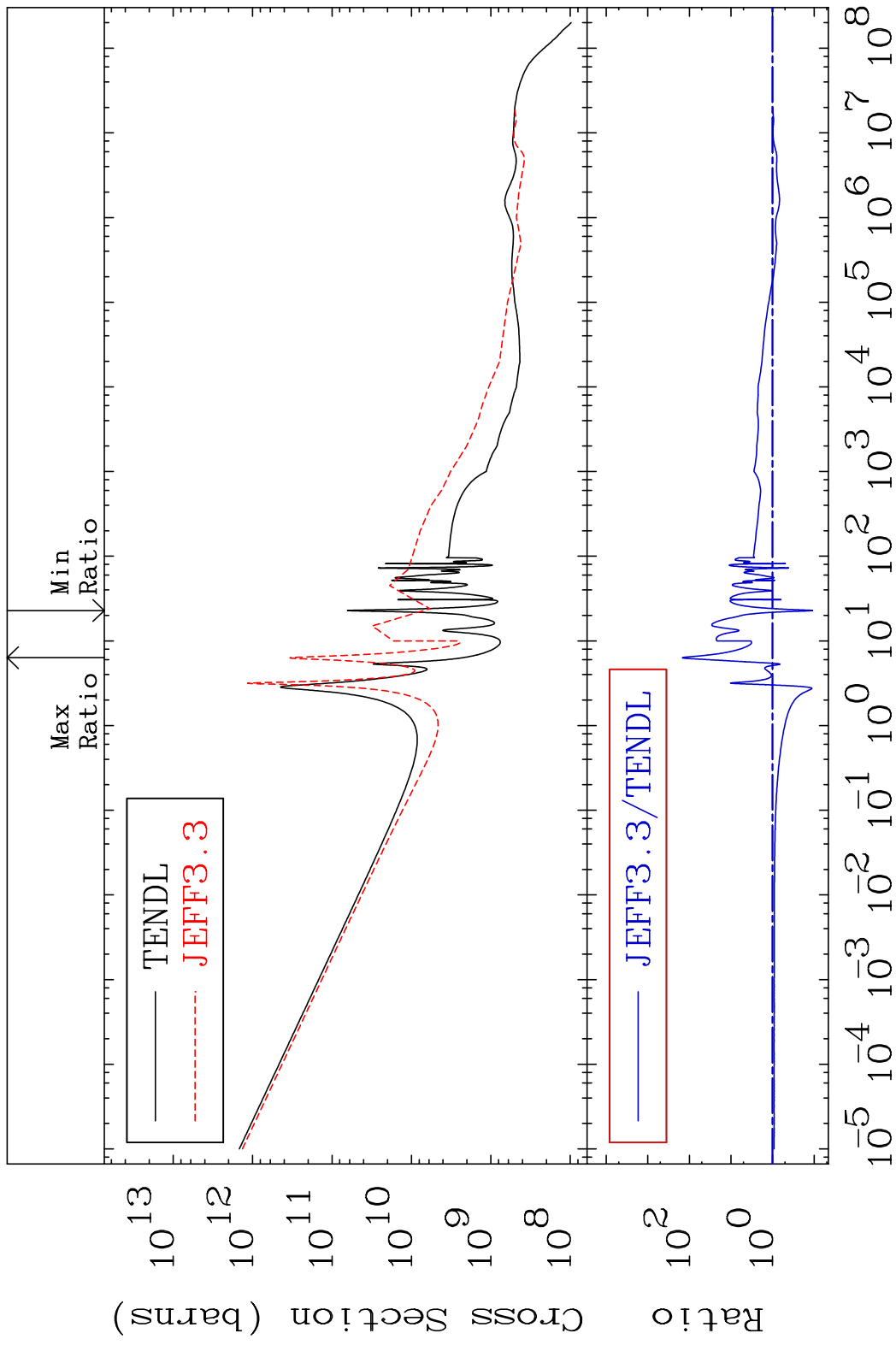
Total photon (eV-barns) 94-Pu-236
Cross Section 38.82 To 9999. %



23

Incident Energy (eV) 94-Pu-236

MAT 9428 Total kinematic kerma (high limit) 94-Pu-236
 Cross Section -89.07 To 9999. %

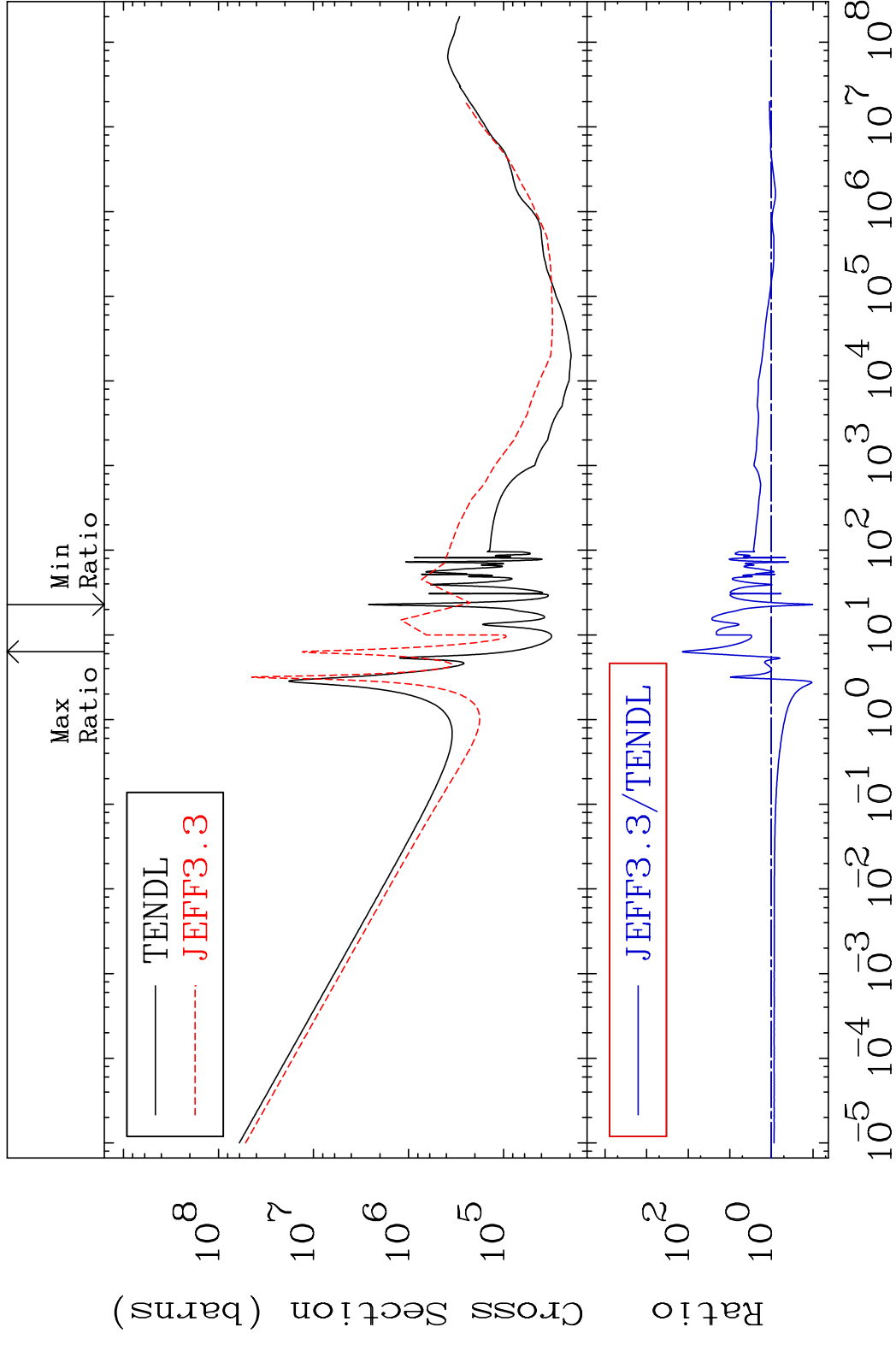


MAT 9428

Dpa total (eV-barns)

94-Pu-236

Cross Section -89.73 To 9999. %



25

Incident Energy (eV)

94-Pu-236

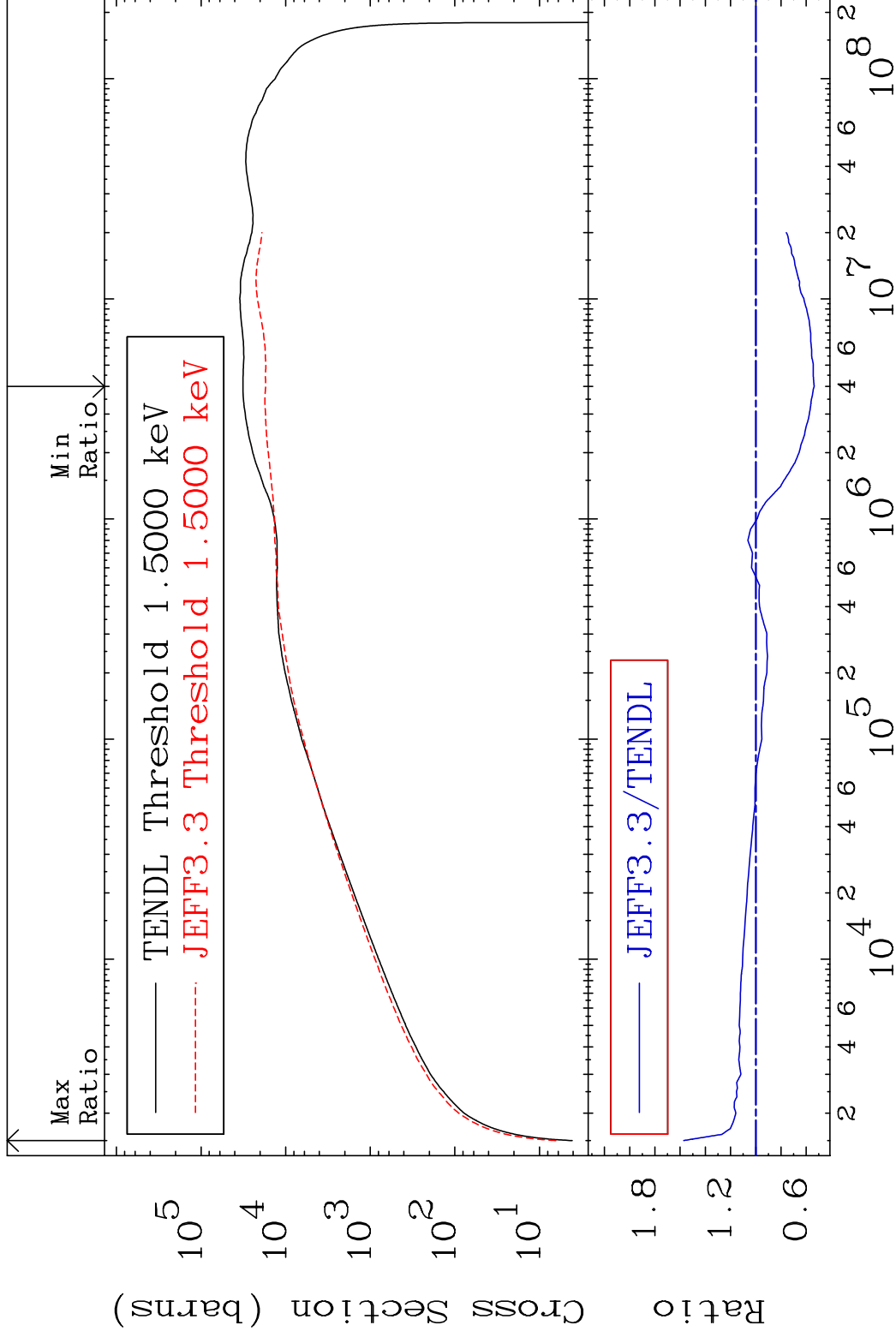
MAT 9428

Dpa elastic (mt2)

94-Pu-236

Cross Section

-46.25 To 57.22 %

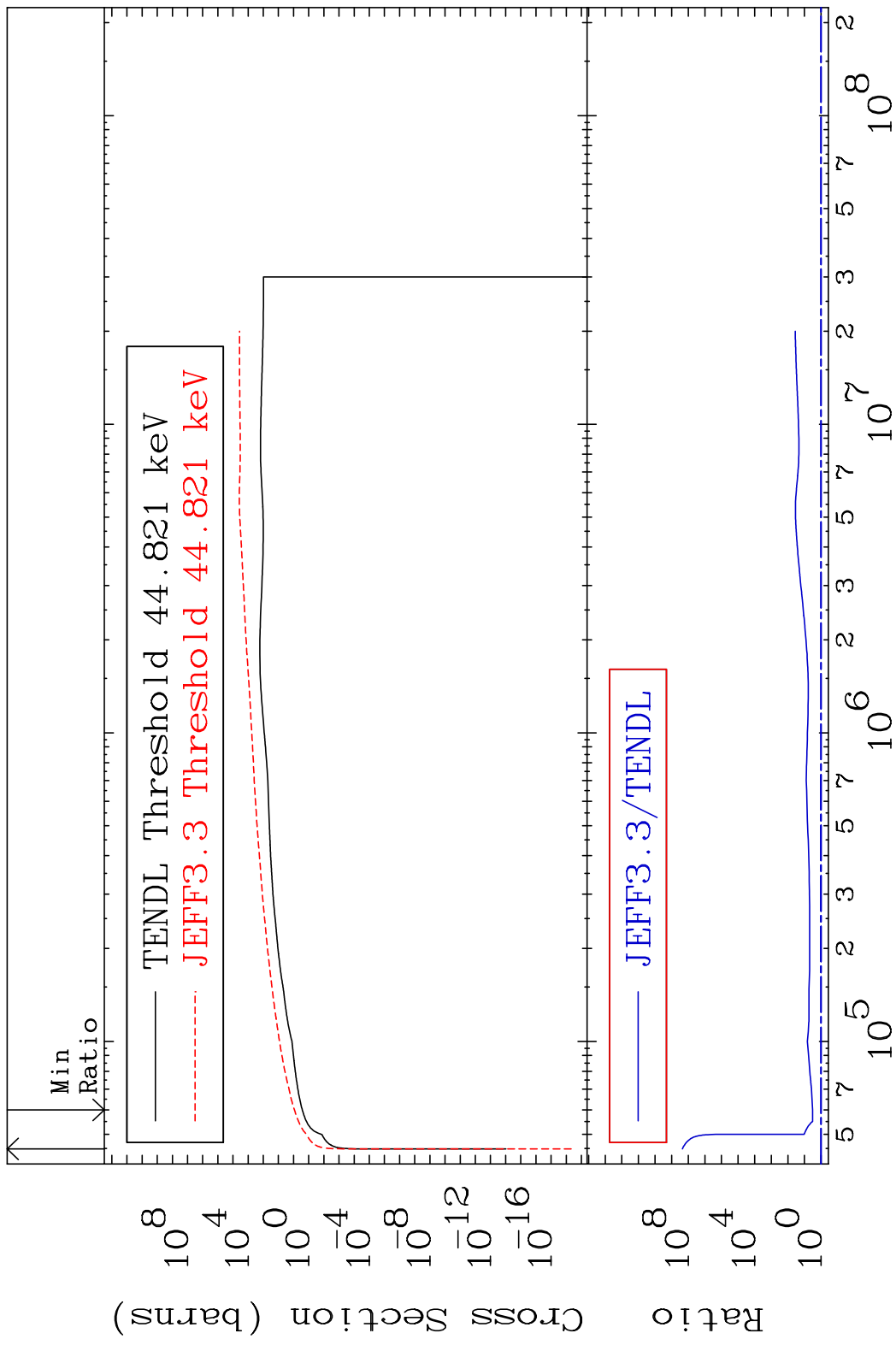


26

Incident Energy (eV)

94-Pu-236

MAT 9428 Dpa inelastic (mt51-91) 94-Pu-236
 Cross Section 227.6 To 9999. %



MAT 9428 Dpa disappearance (mt102 -120) 94-Pu-236
 Cross Section -100.0 To 8090. %

