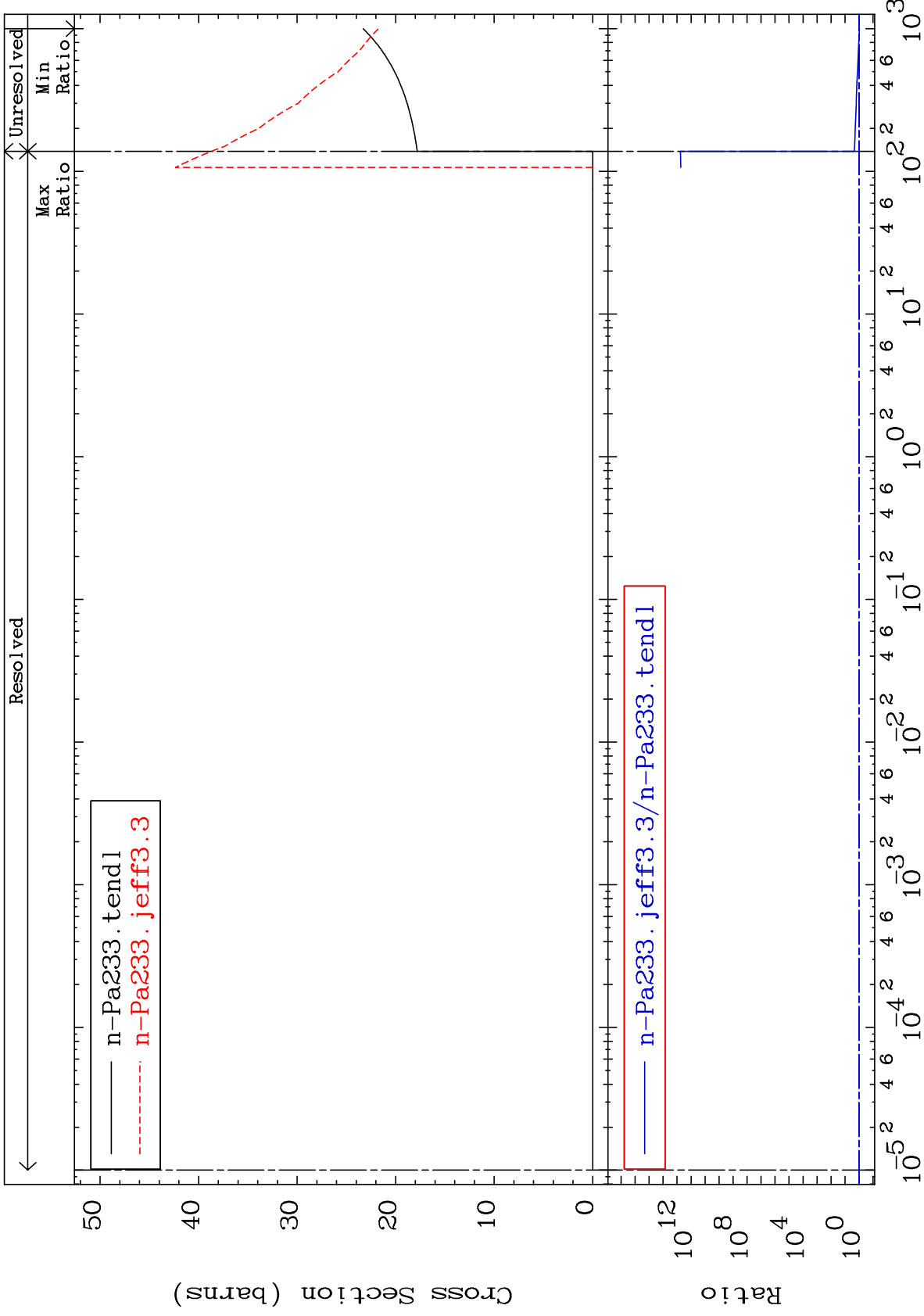


MAT 9137

Total
Cross Section

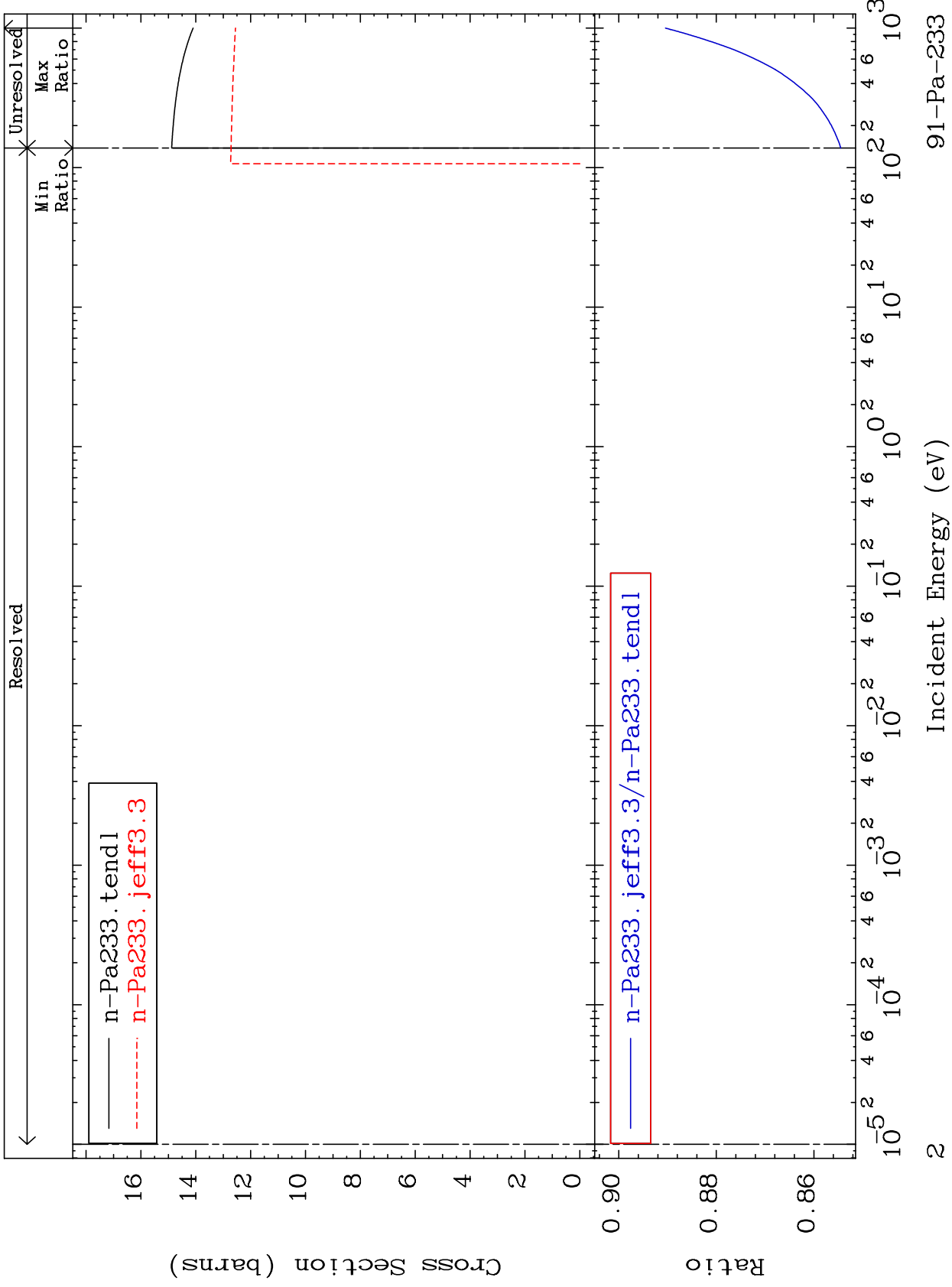
91-Pa-233
-6.634 To 9999. %



MAT 9137

Elastic
Cross Section

91-Pa-233
-14.55 To -10.96%



— n-Pa233.tendl
- - - n-Pa233.jeff3.3

— n-Pa233.jeff3.3/n-Pa233.tendl

91-Pa-233

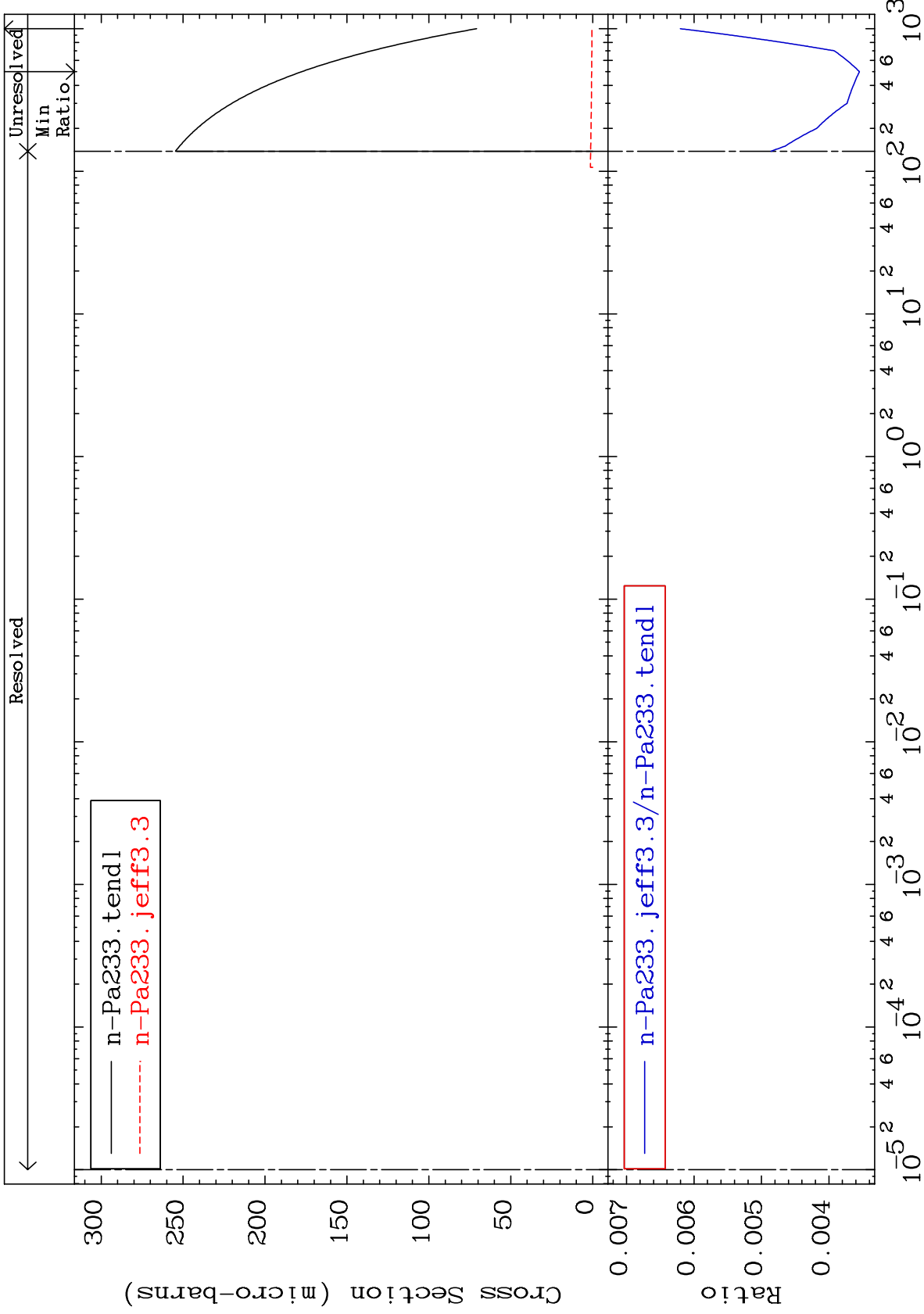
Incident Energy (eV)

2

MAT 9137

Fission
Cross Section

91-Pa-233
-99.65 To -99.38%



3

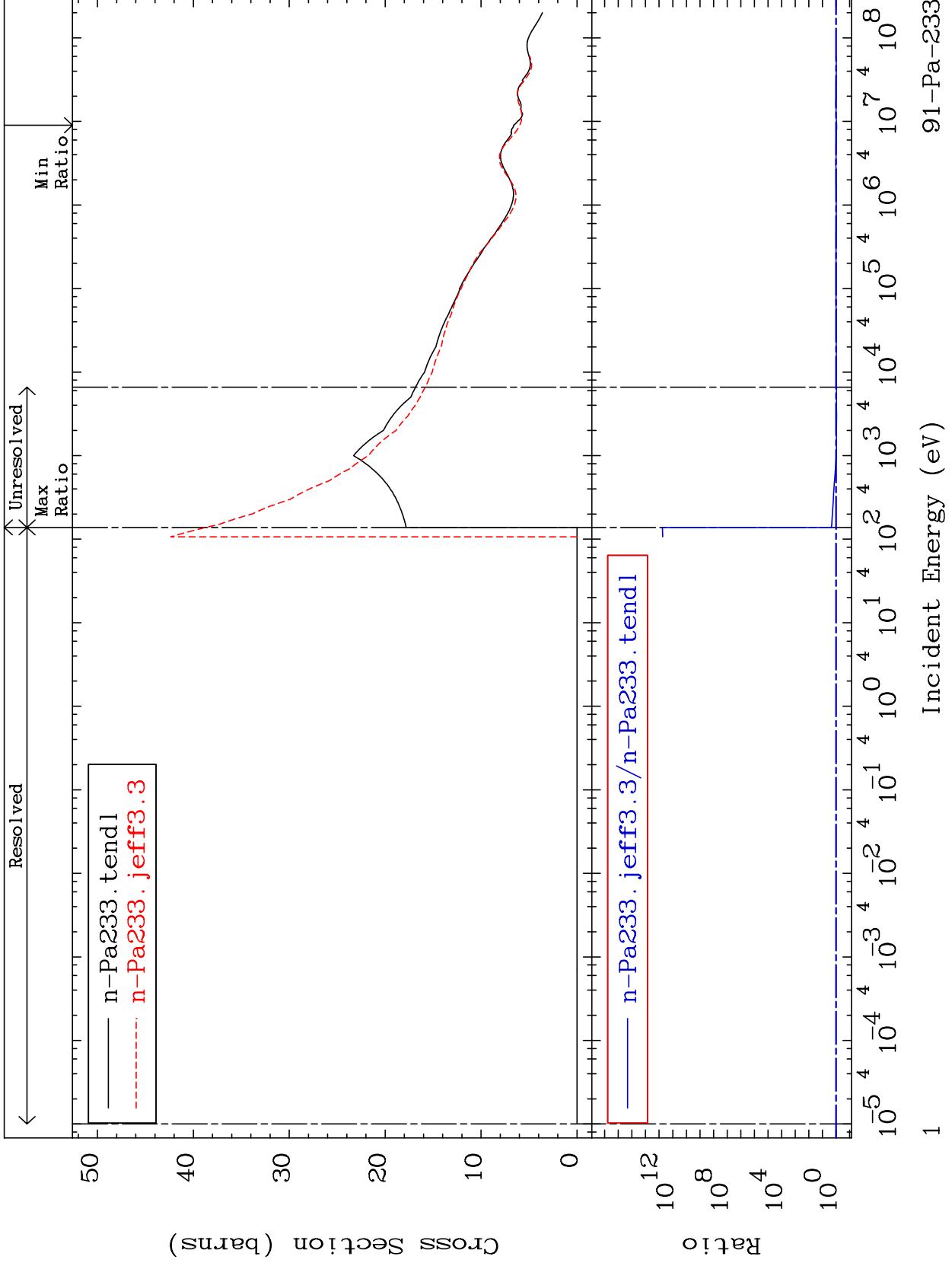
Incident Energy (eV)

91-Pa-233

MAT 9137

Total
Cross Section

91-Pa-233
-9.563 To 9999. %



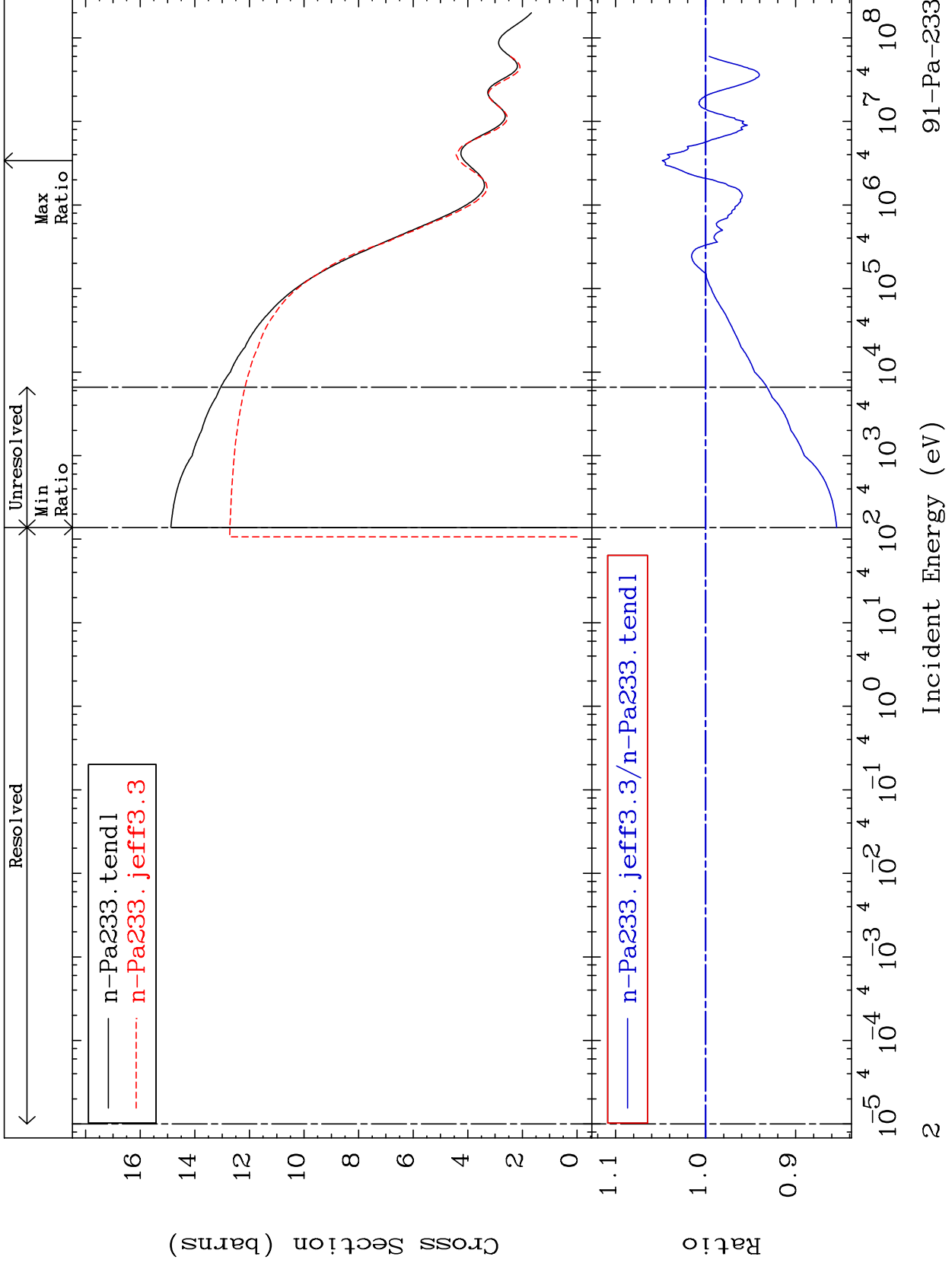
91-Pa-233

Incident Energy (eV)

MAT 9137

Elastic
Cross Section

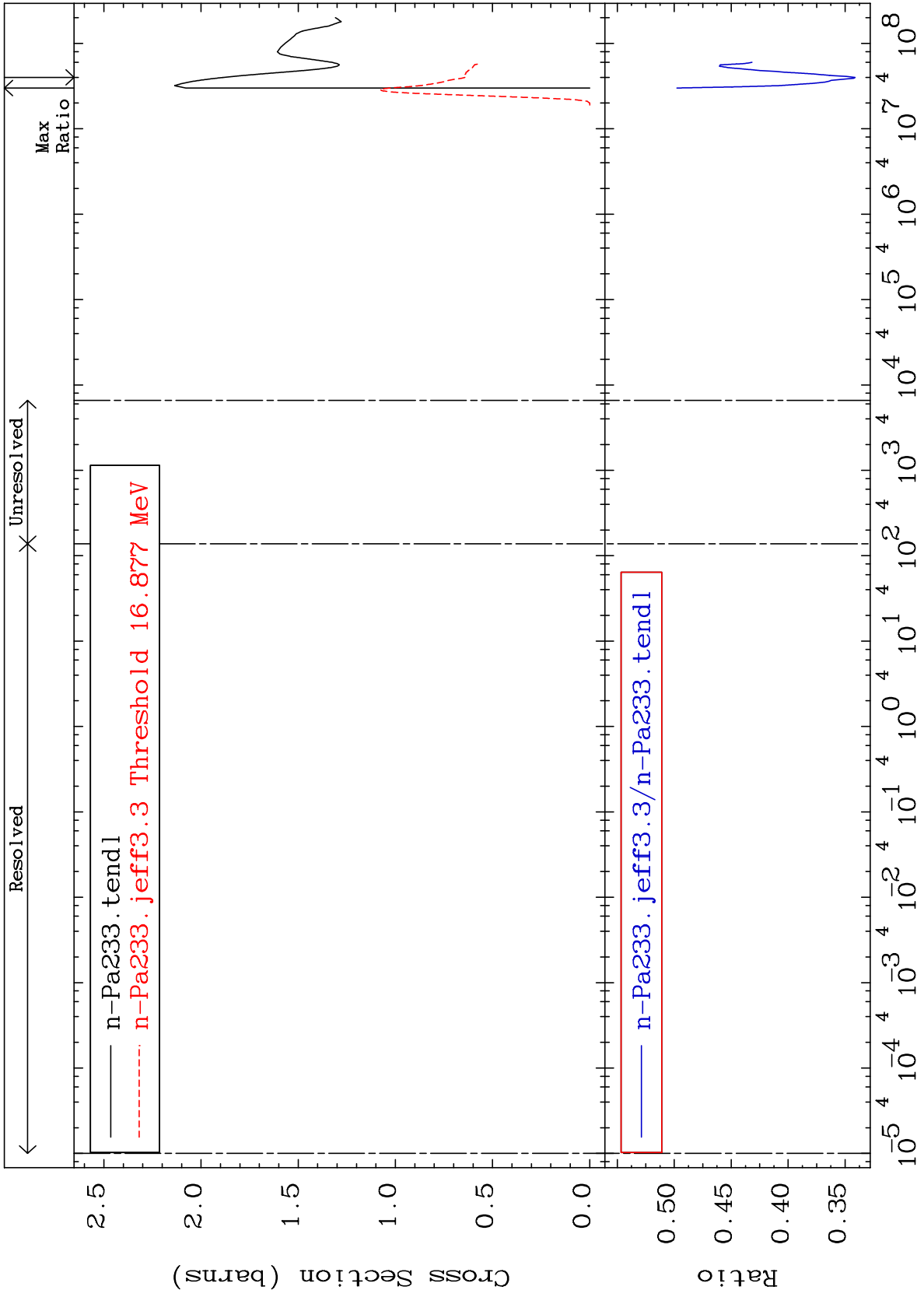
91-Pa-233
-14.55 To 4.817 %



MAT 9137

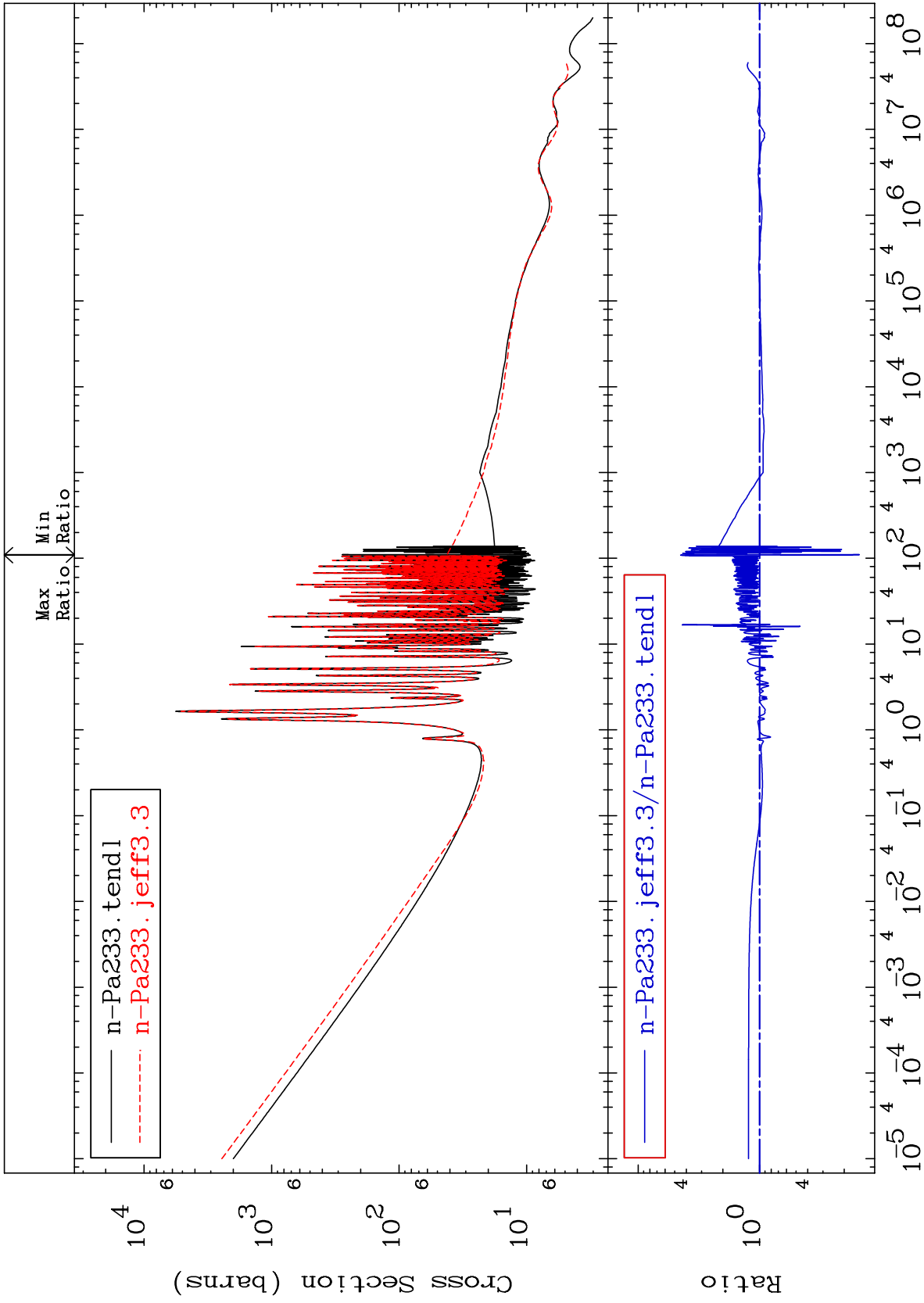
(n, remainder)
Cross Section

91-Pa-233
-65.87 To -50.23%



MAT 9137

Total Cross Section
91-Pa-233
-84.99 To 348.7 %



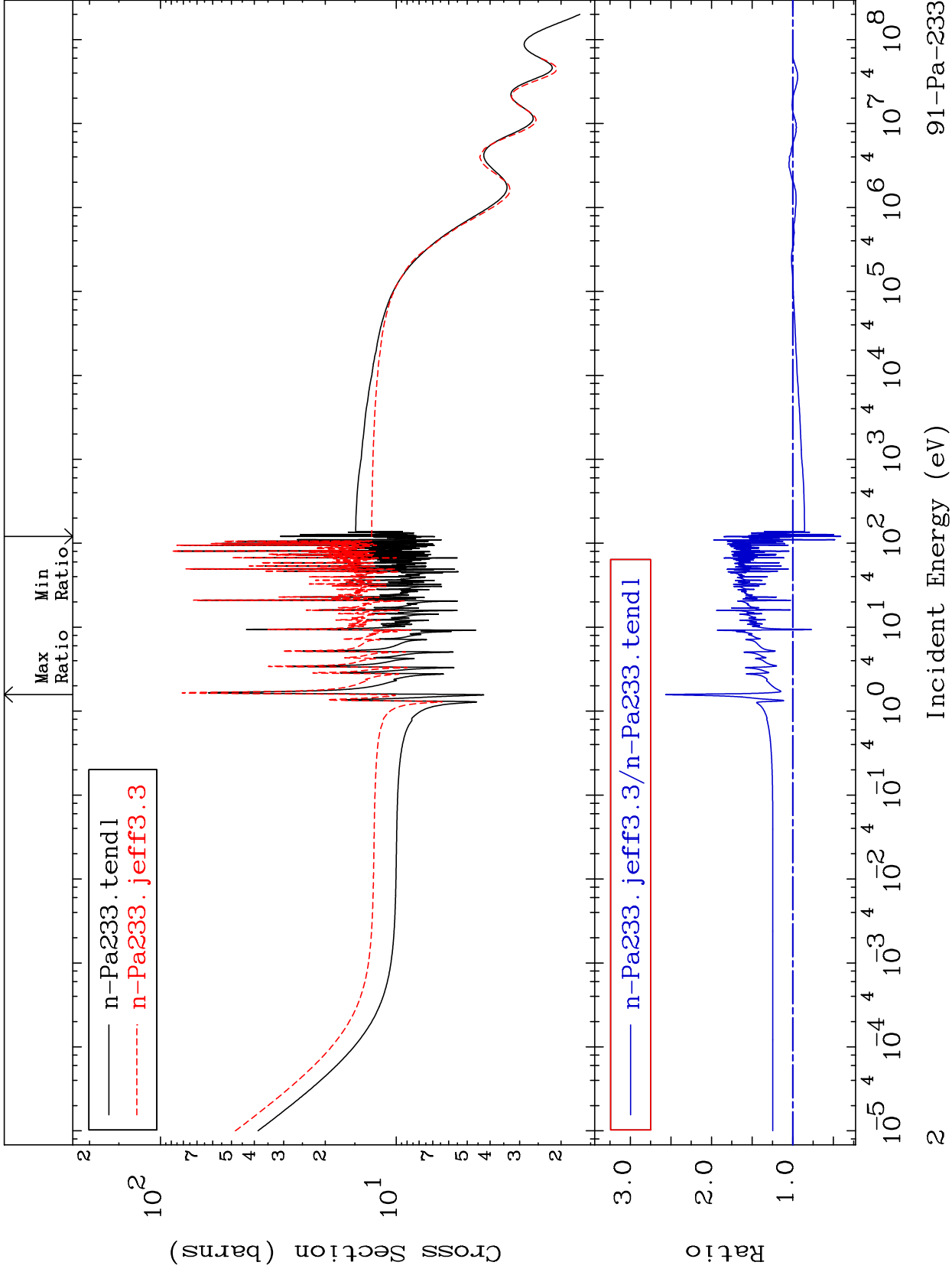
Incident Energy (eV)

91-Pa-233

MAT 9137

Elastic
Cross Section

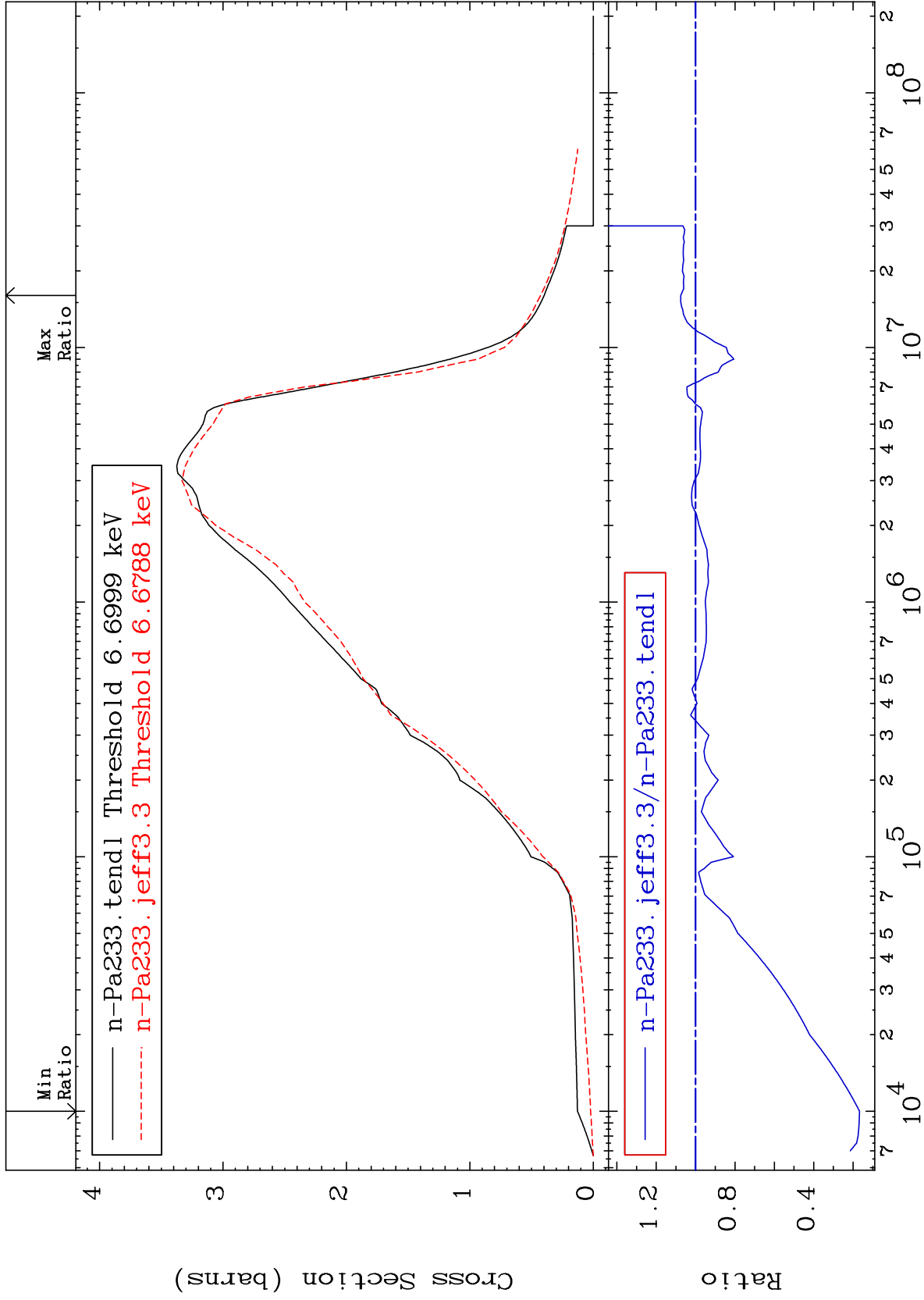
91-Pa-233
-58.95 To 156.6 %



MAT 9137

Inelastic
Cross Section

91-Pa-233
-83.28 To 7.535 %



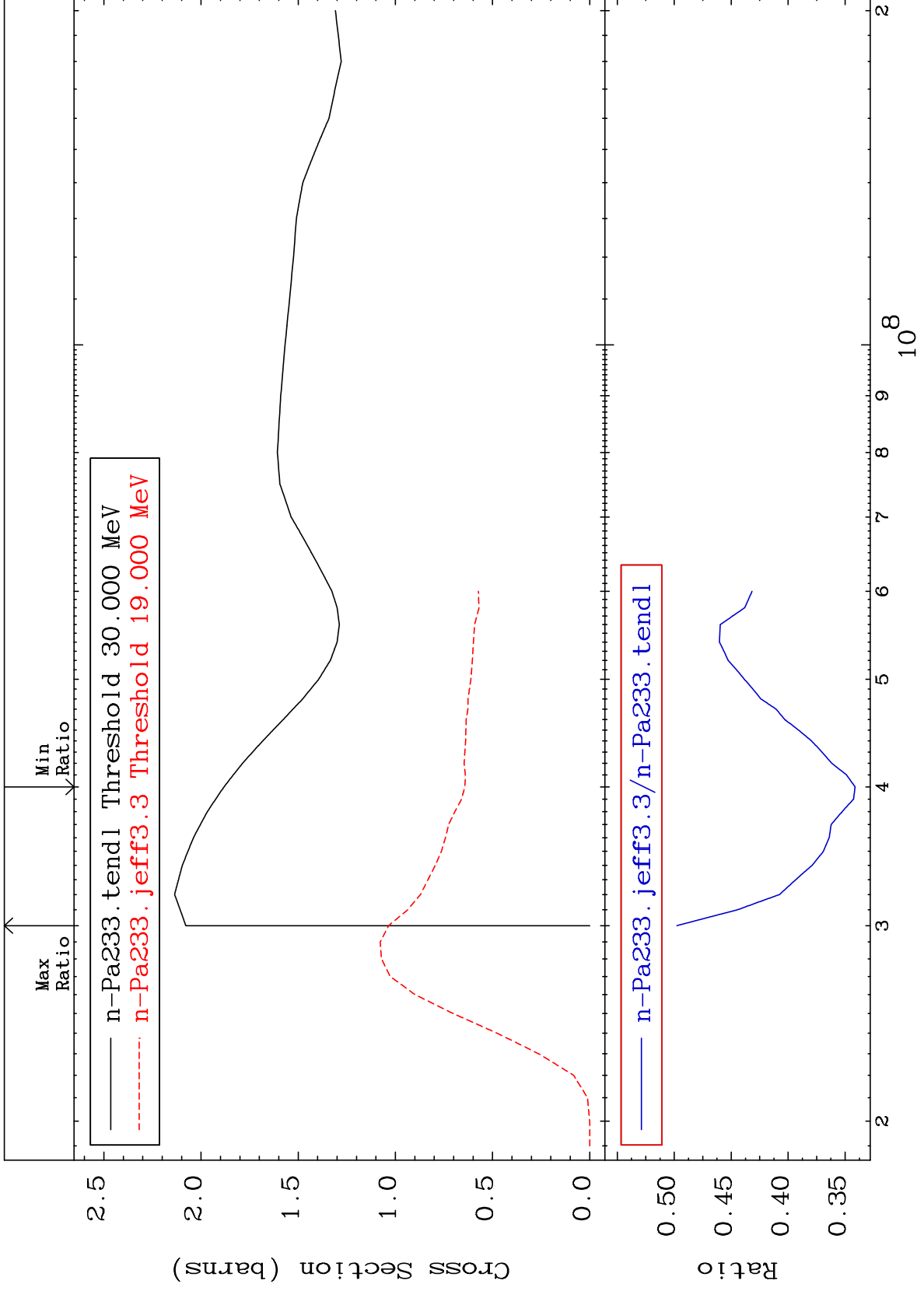
3

91-Pa-233

MAT 9137

(n, remainder)
Cross Section

91-Pa-233
-65.87 To -50.23%



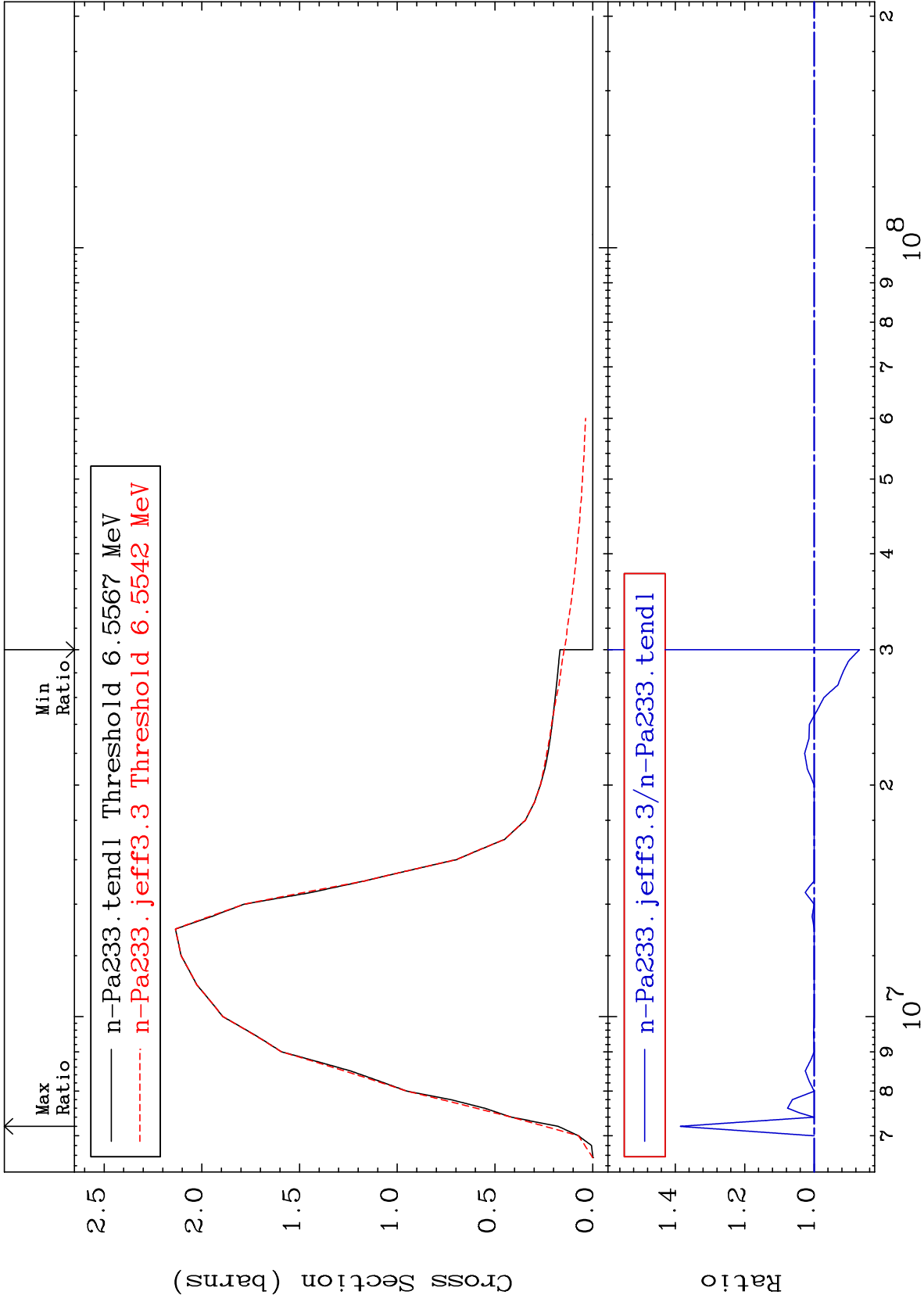
MAT 9137

(n,2n)

91-Pa-233

Cross Section

-13.04 To 38.54 %



5

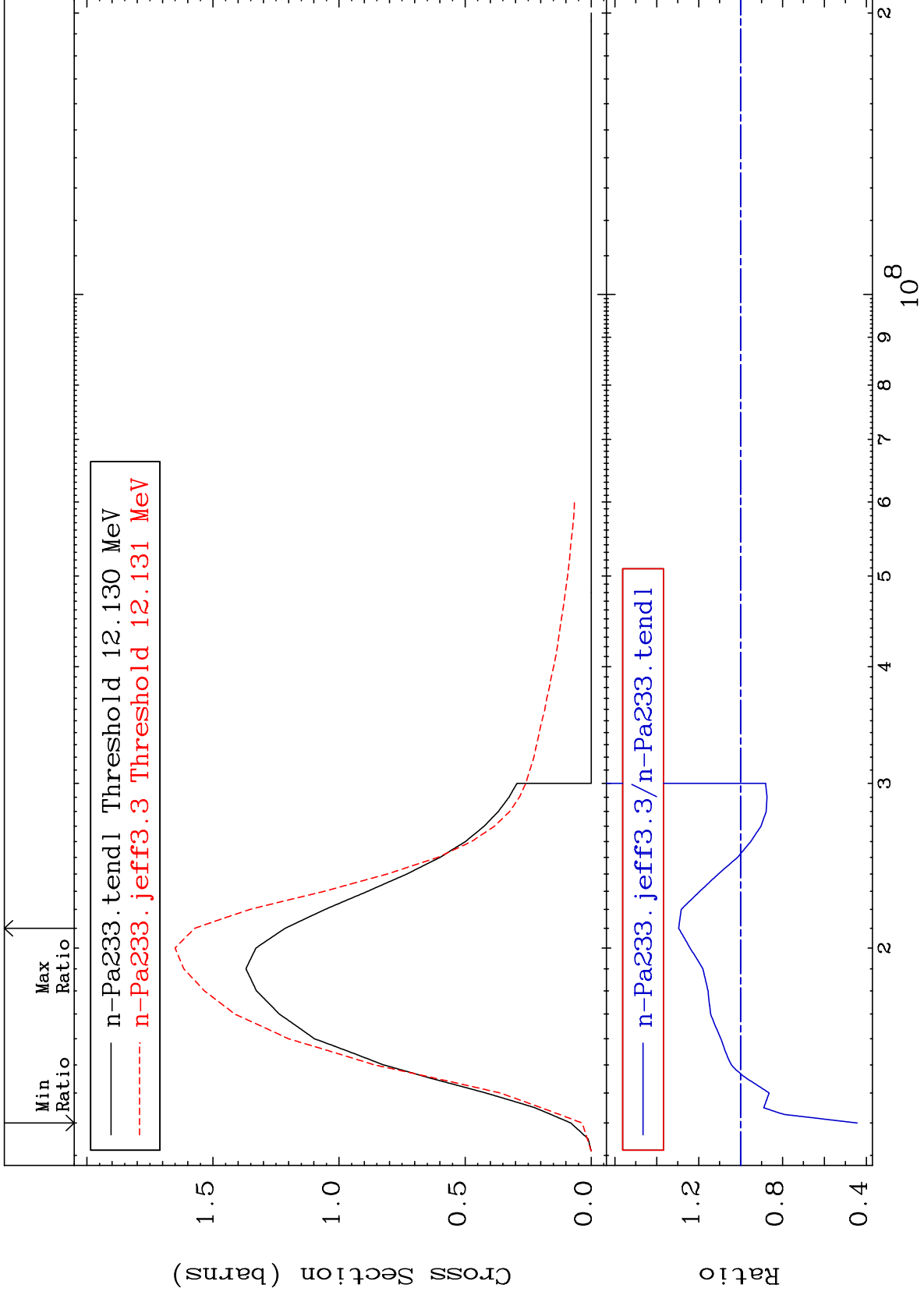
Incident Energy (eV)

91-Pa-233

MAT 9137

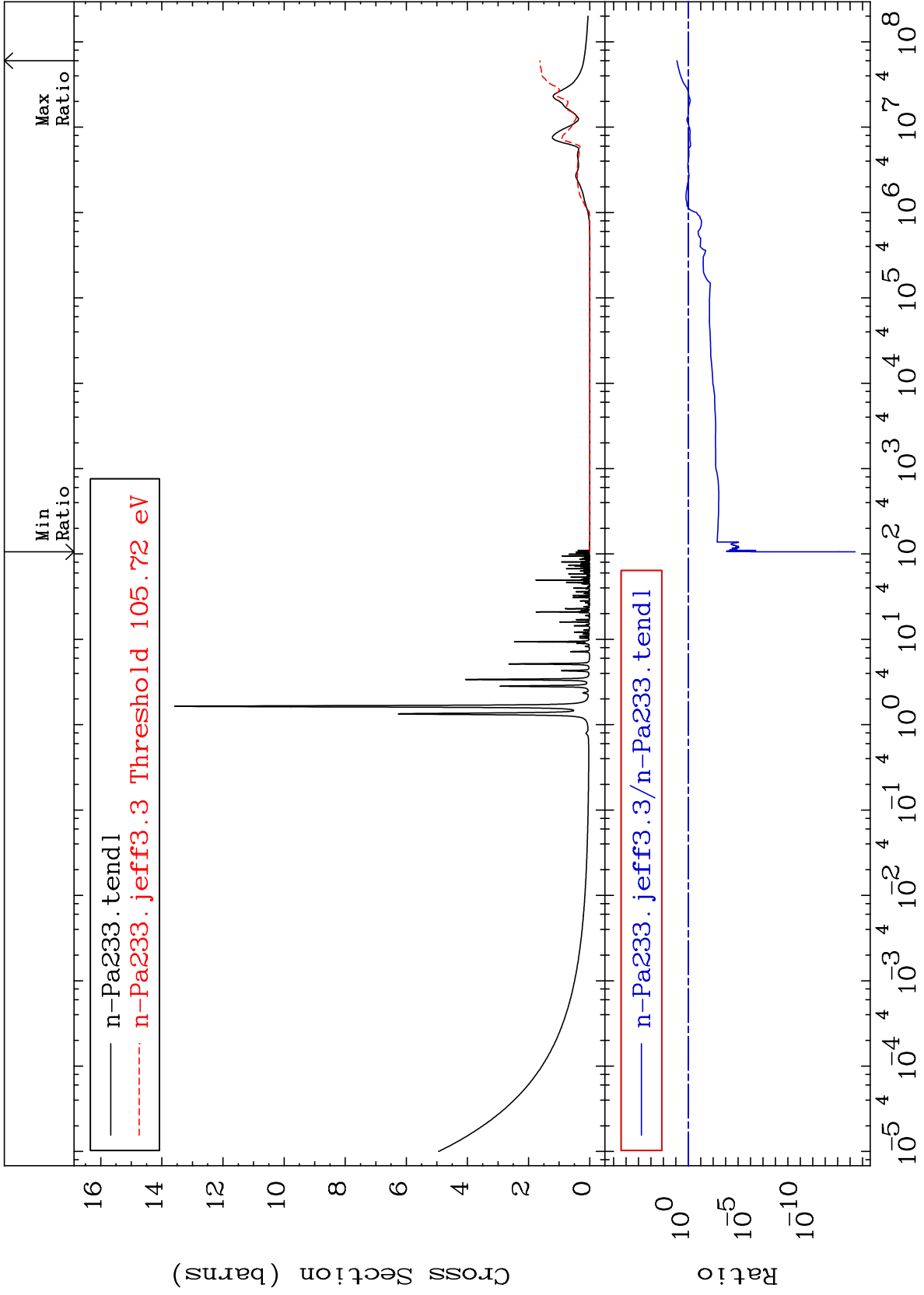
(n,3n)
Cross Section

91-Pa-233
-55.66 To 29.57 %



MAT 9137

Fission Cross Section 91-Pa-233
-100.0 To 725.0 %



Incident Energy (eV)

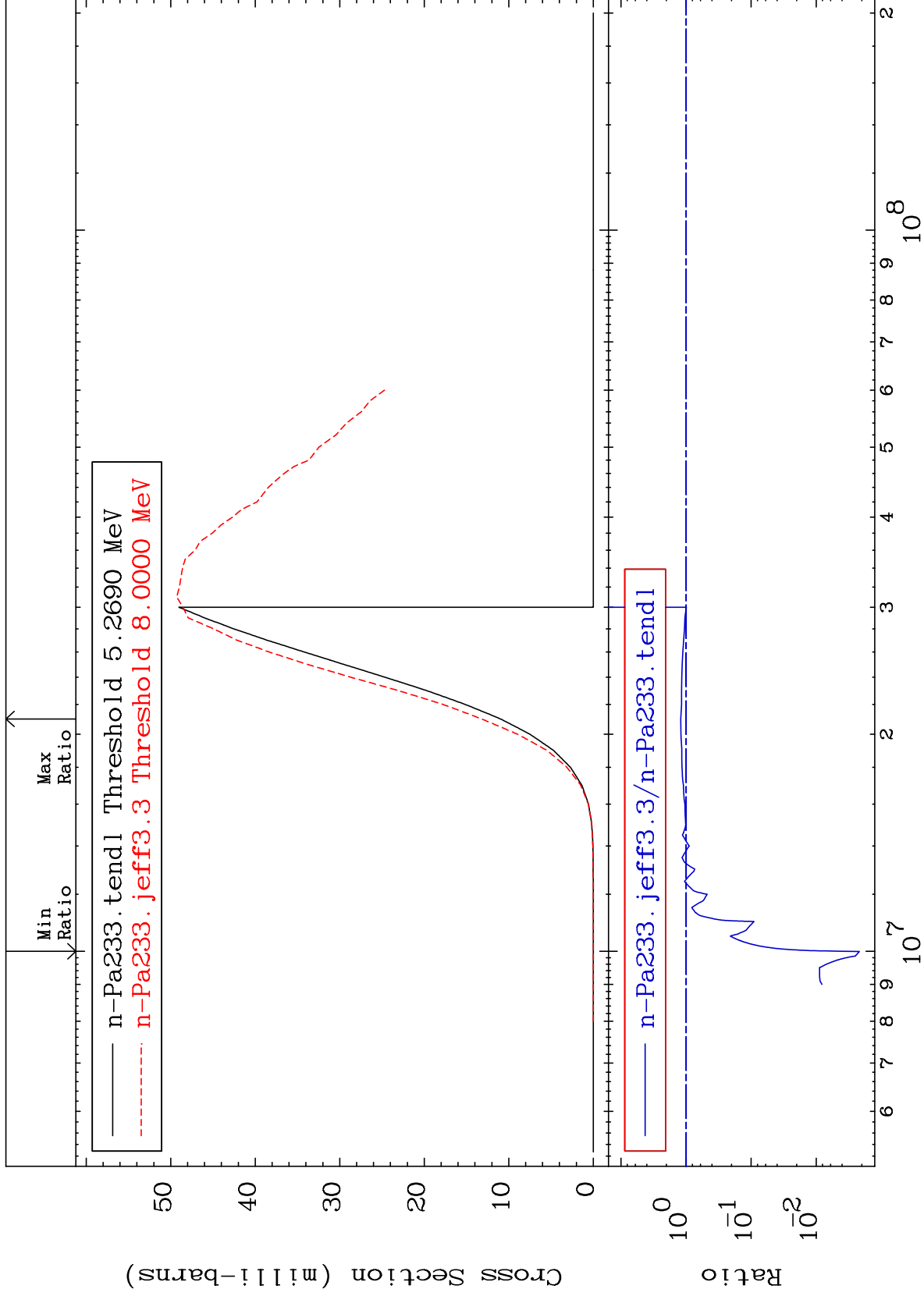
91-Pa-233

7

MAT 9137

(n, n') p
Cross Section

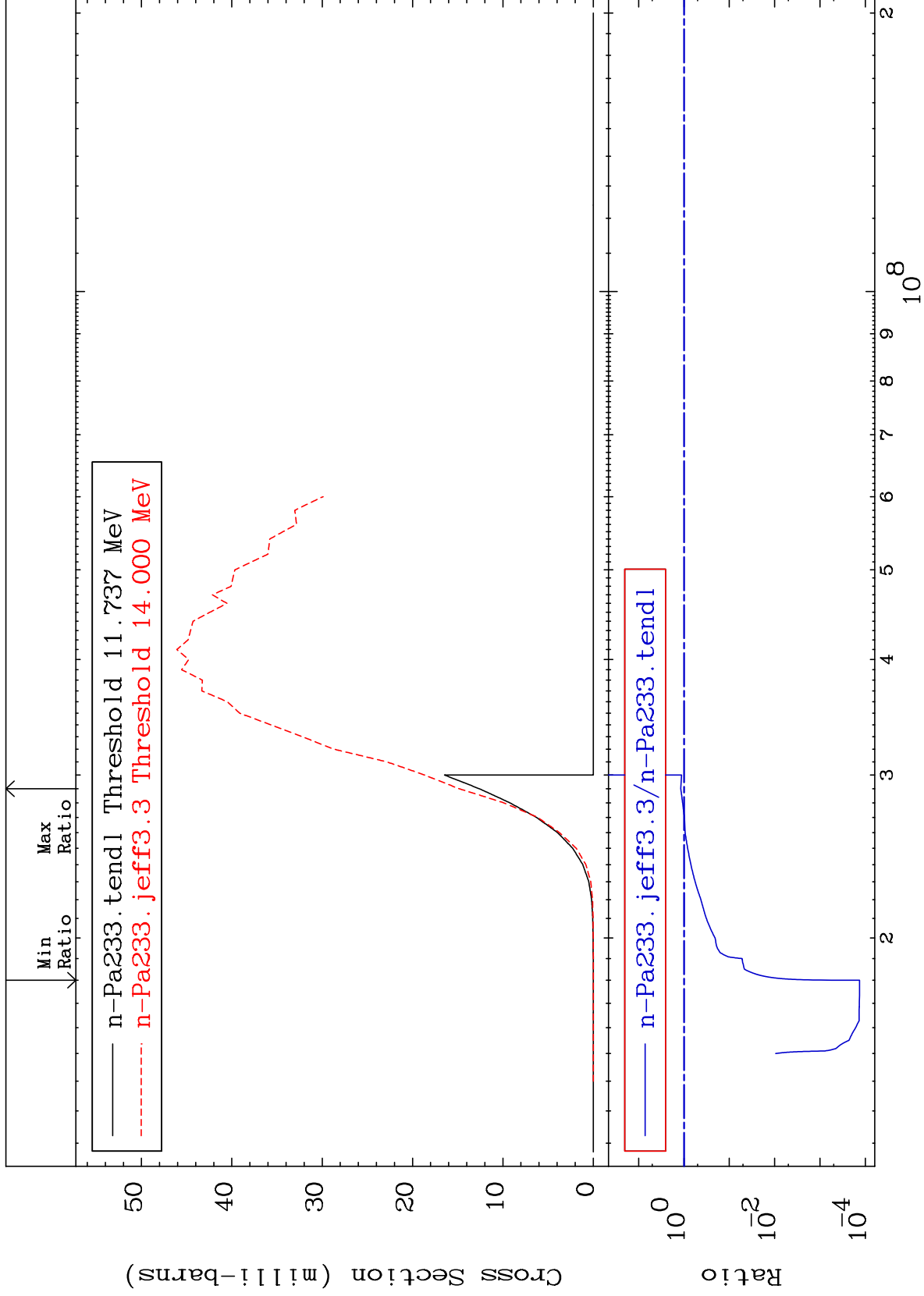
91-Pa-233
-99.78 To 20.49 %



MAT 9137

(n,2n) p
Cross Section

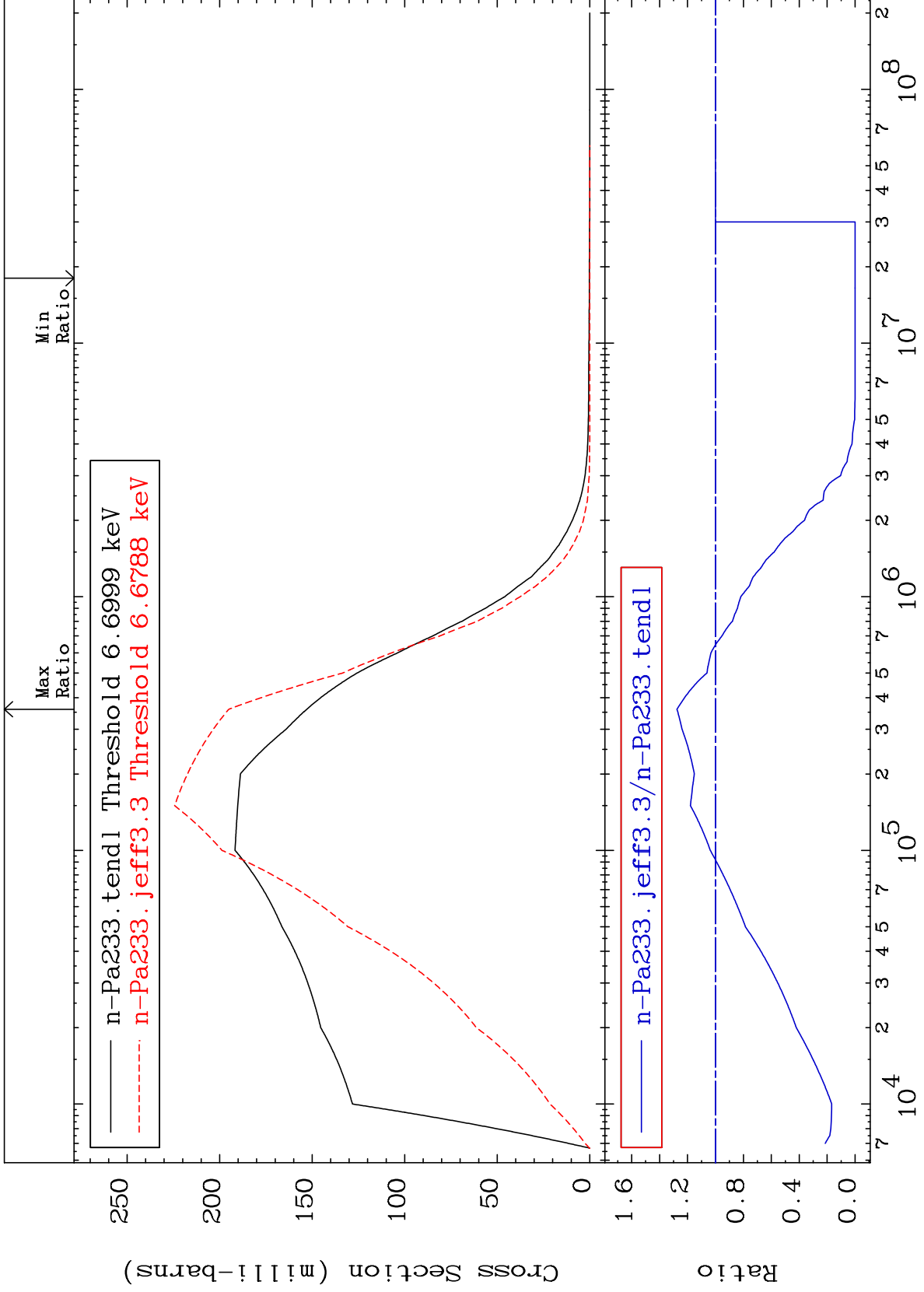
91-Pa-233
-99.99 To 17.65 %



MAT 9137

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

91-Pa-233
-100.0 To 27.60 %



10

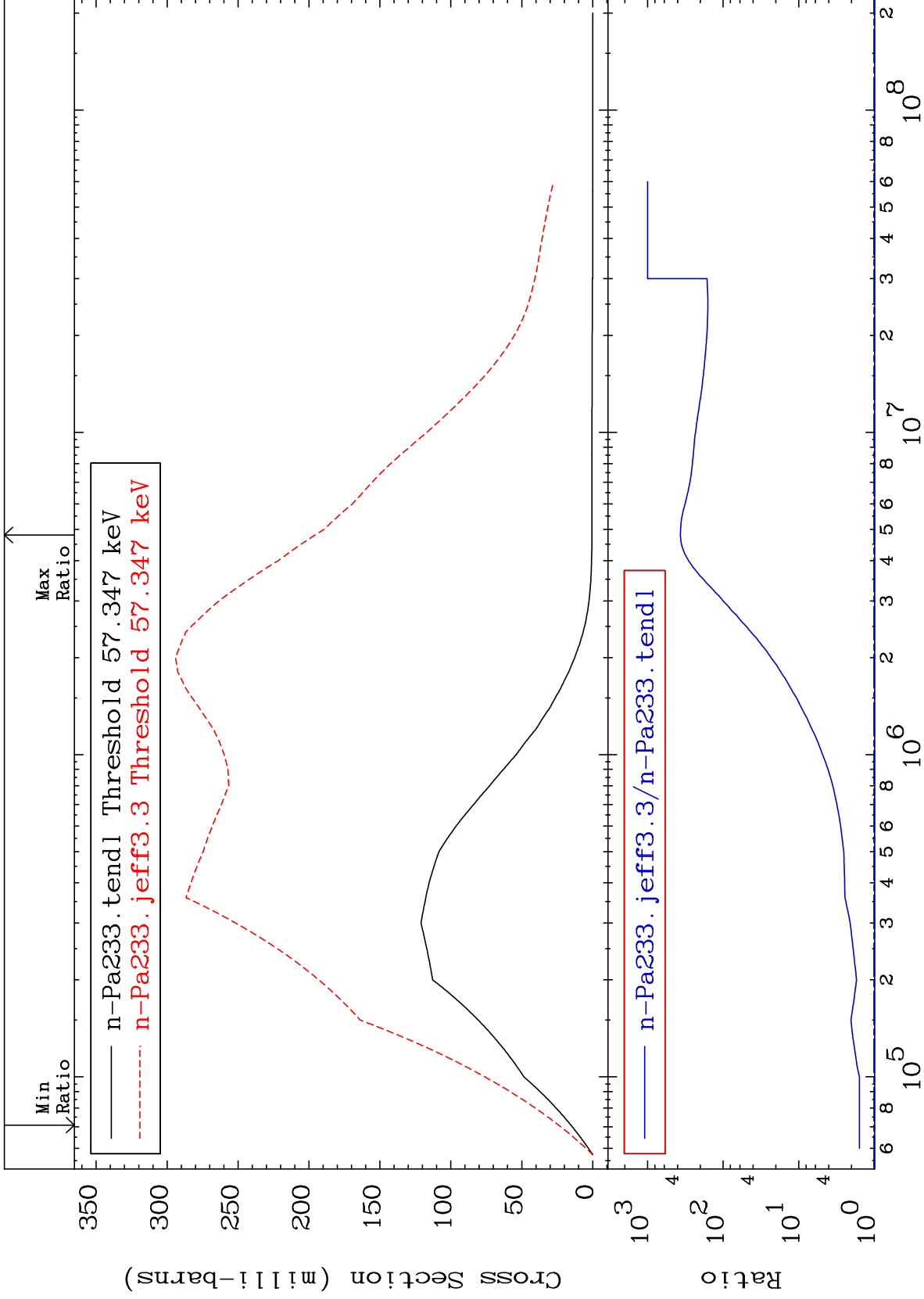
Incident Energy (eV)

91-Pa-233

MAT 9137

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

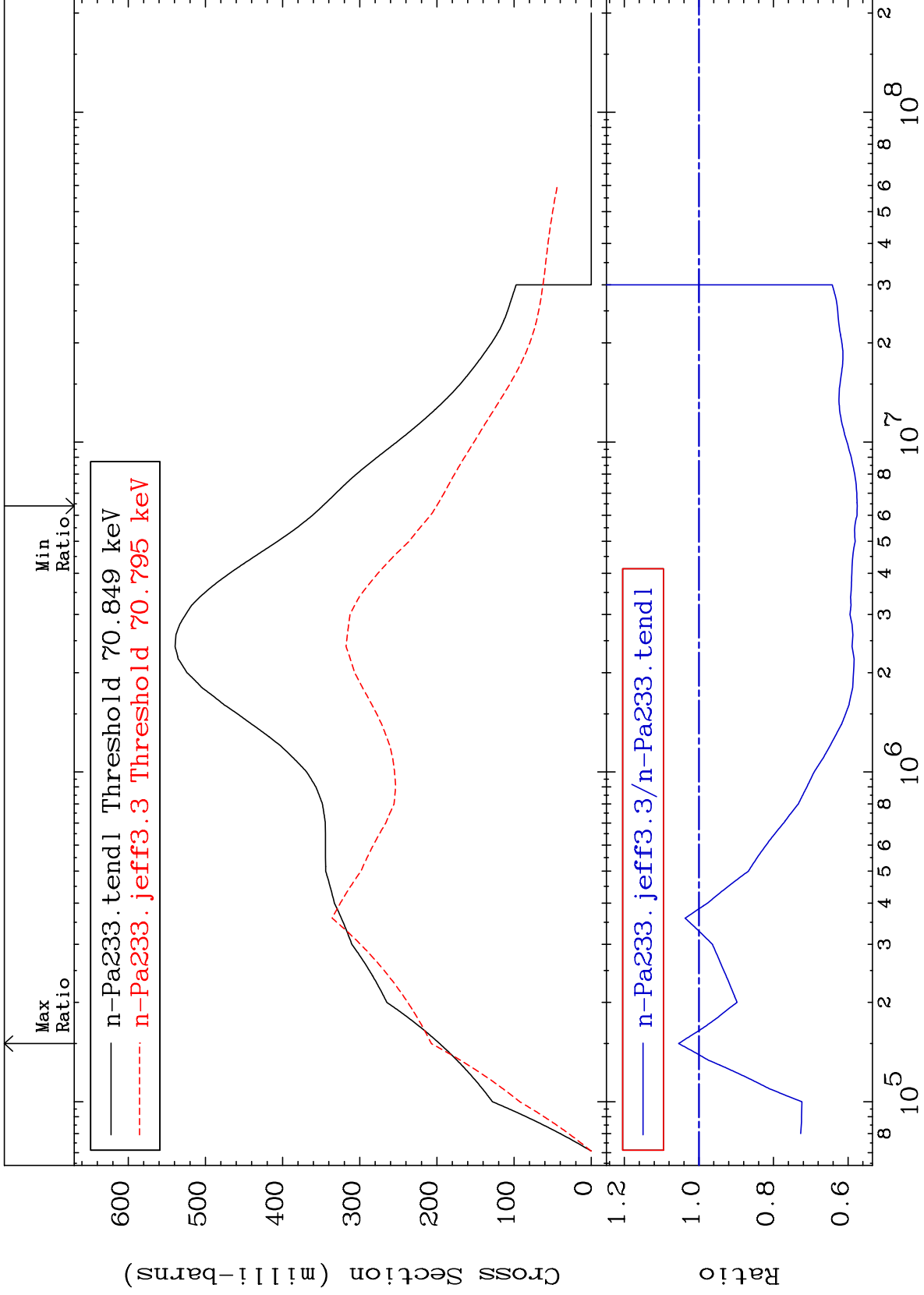
91-Pa-233
56.81 To 9999. %



MAT 9137

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

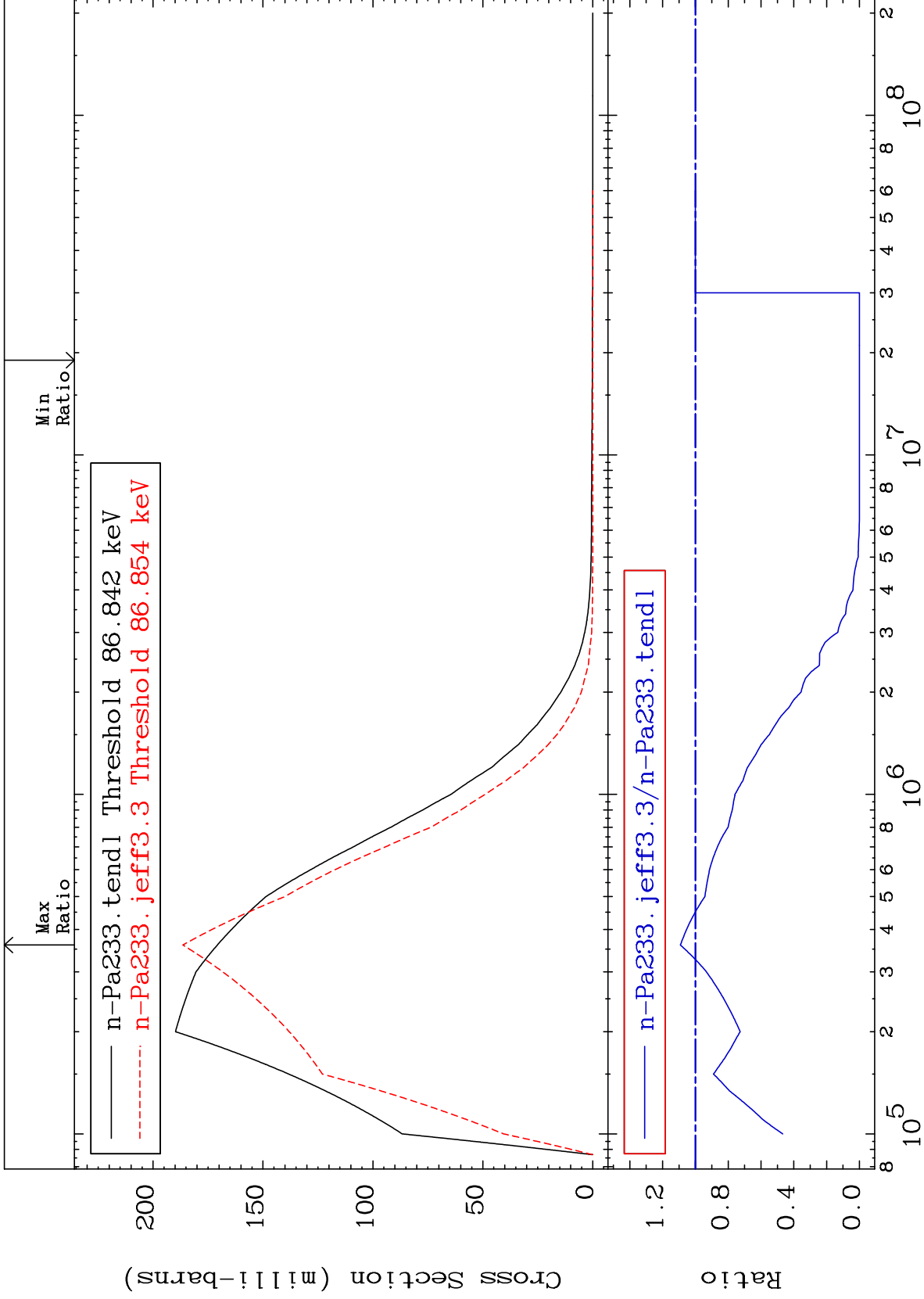
91-Pa-233
-42.48 To 5.446 %



MAT 9137

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

91-Pa-233
-100.0 To 9.185 %



13

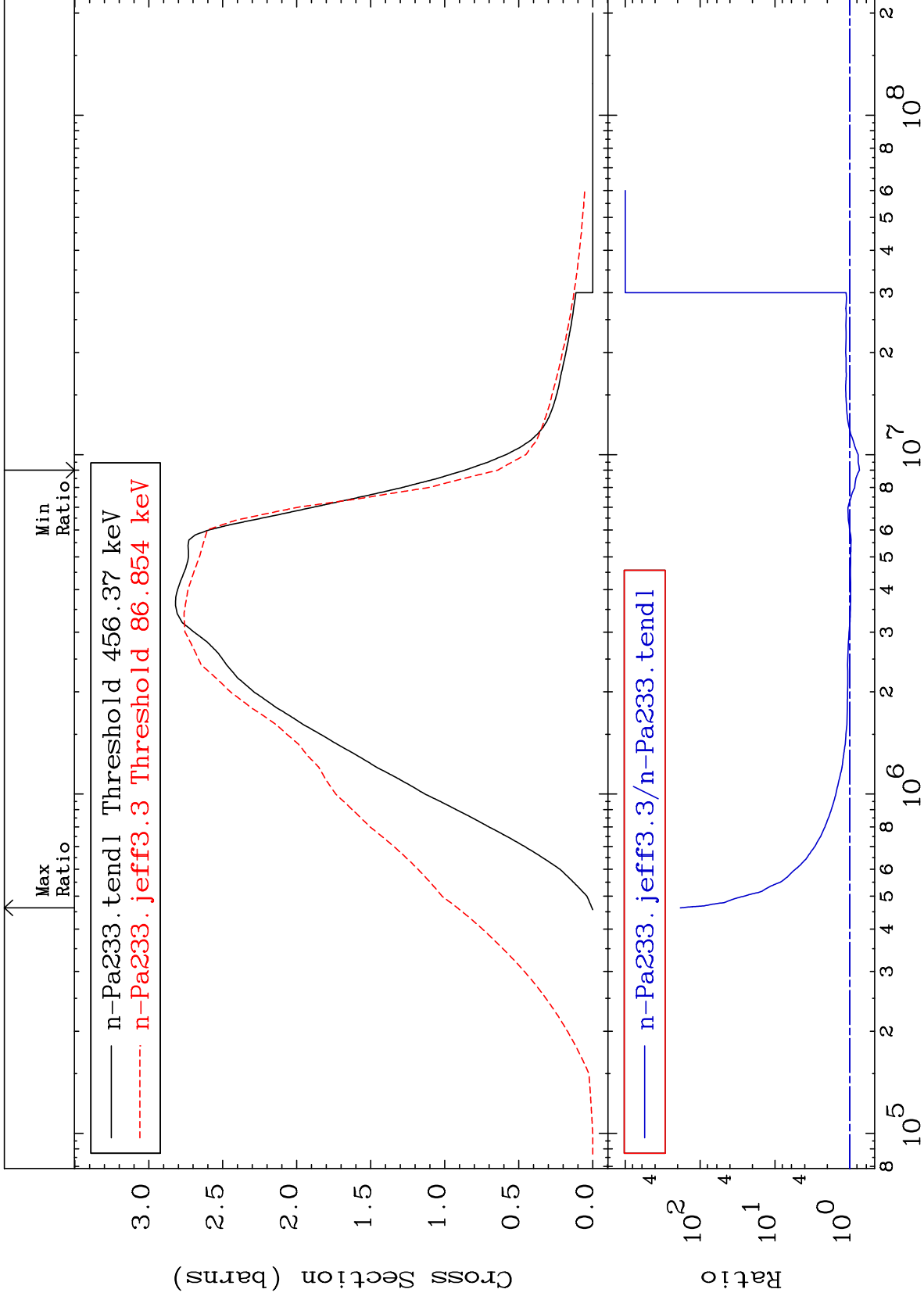
Incident Energy (eV)

91-Pa-233

MAT 9137

(n, n') Continuum
Cross Section

91-Pa-233
-25.73 To 9999. %



14

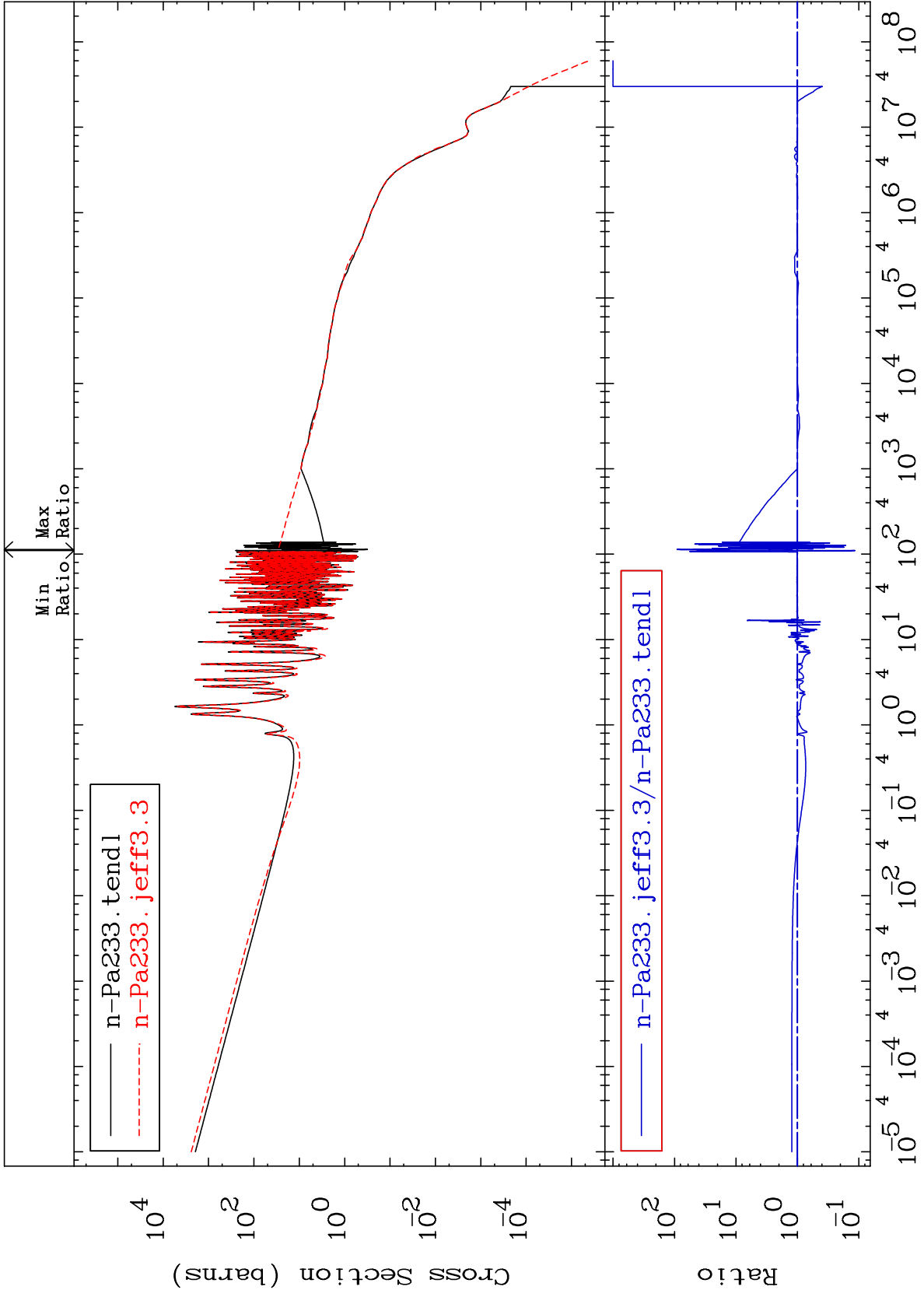
Incident Energy (eV)

91-Pa-233

MAT 9137

(n, γ)
Cross Section

91-Pa-233
-88.46 To 9031. %



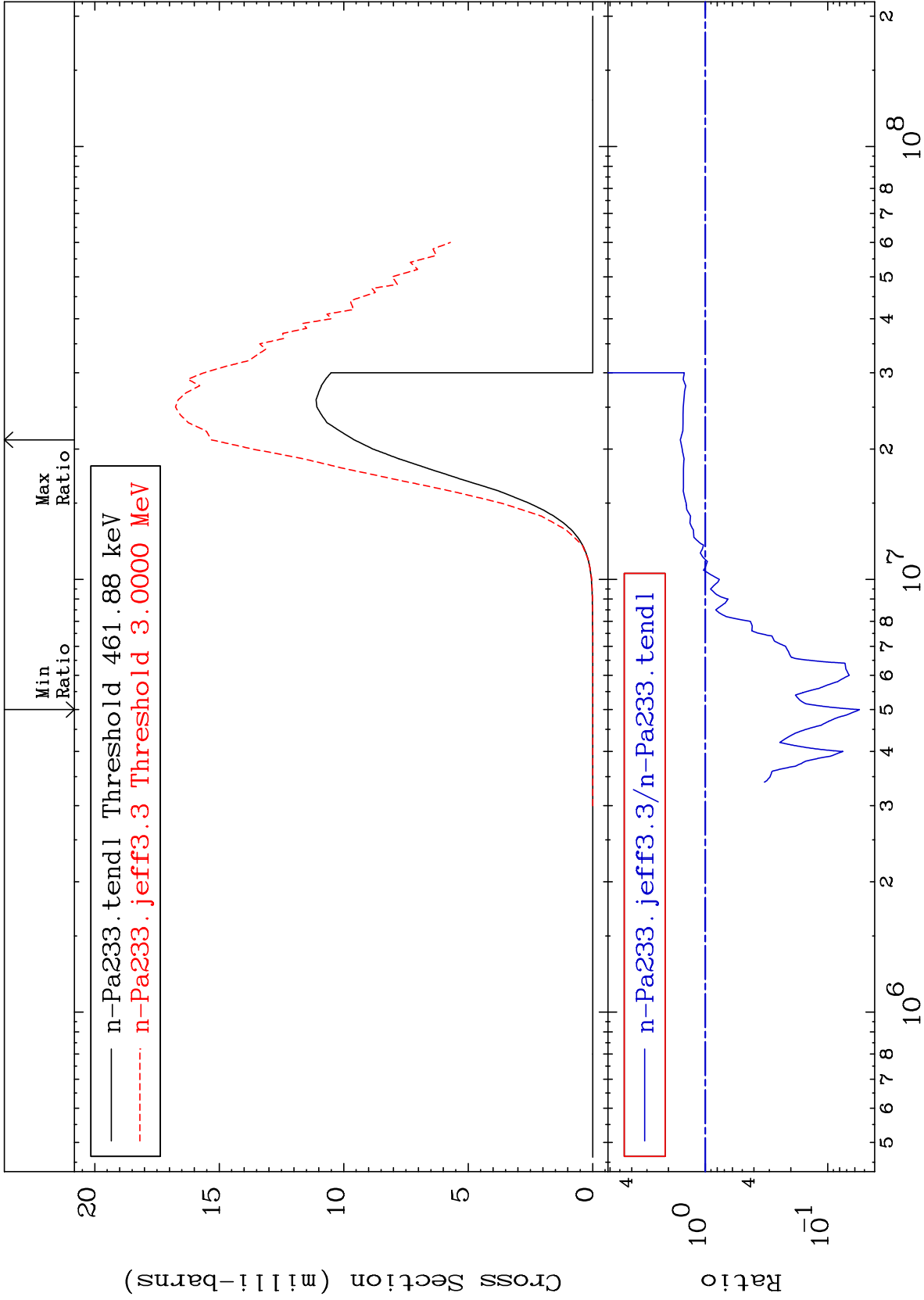
MAT 9137

(n, p)

91-Pa-233

Cross Section

-94.50 To 59.94 %



16

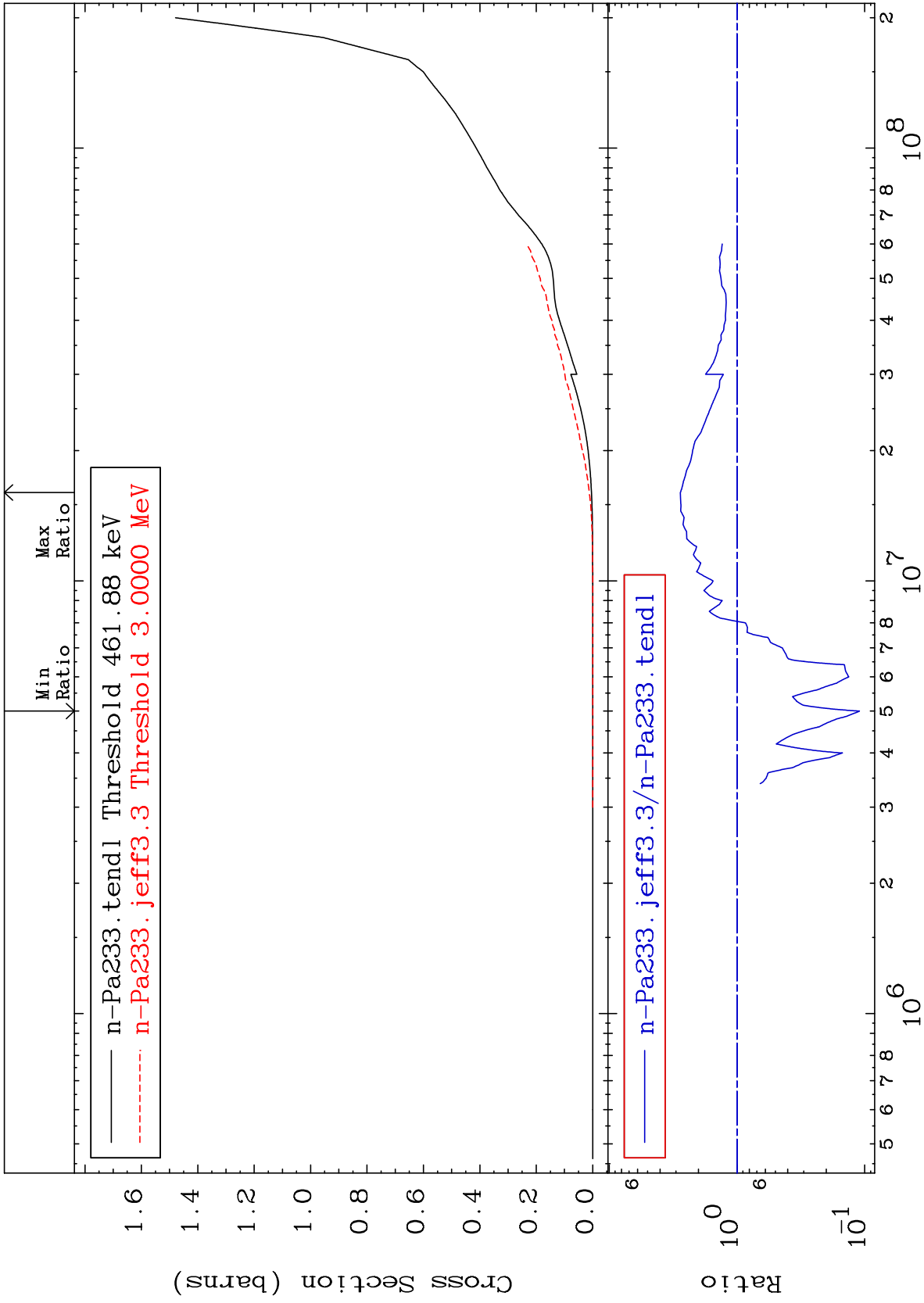
91-Pa-233

91-Pa-233

MAT 9137

Hydrogen Production
Cross Section

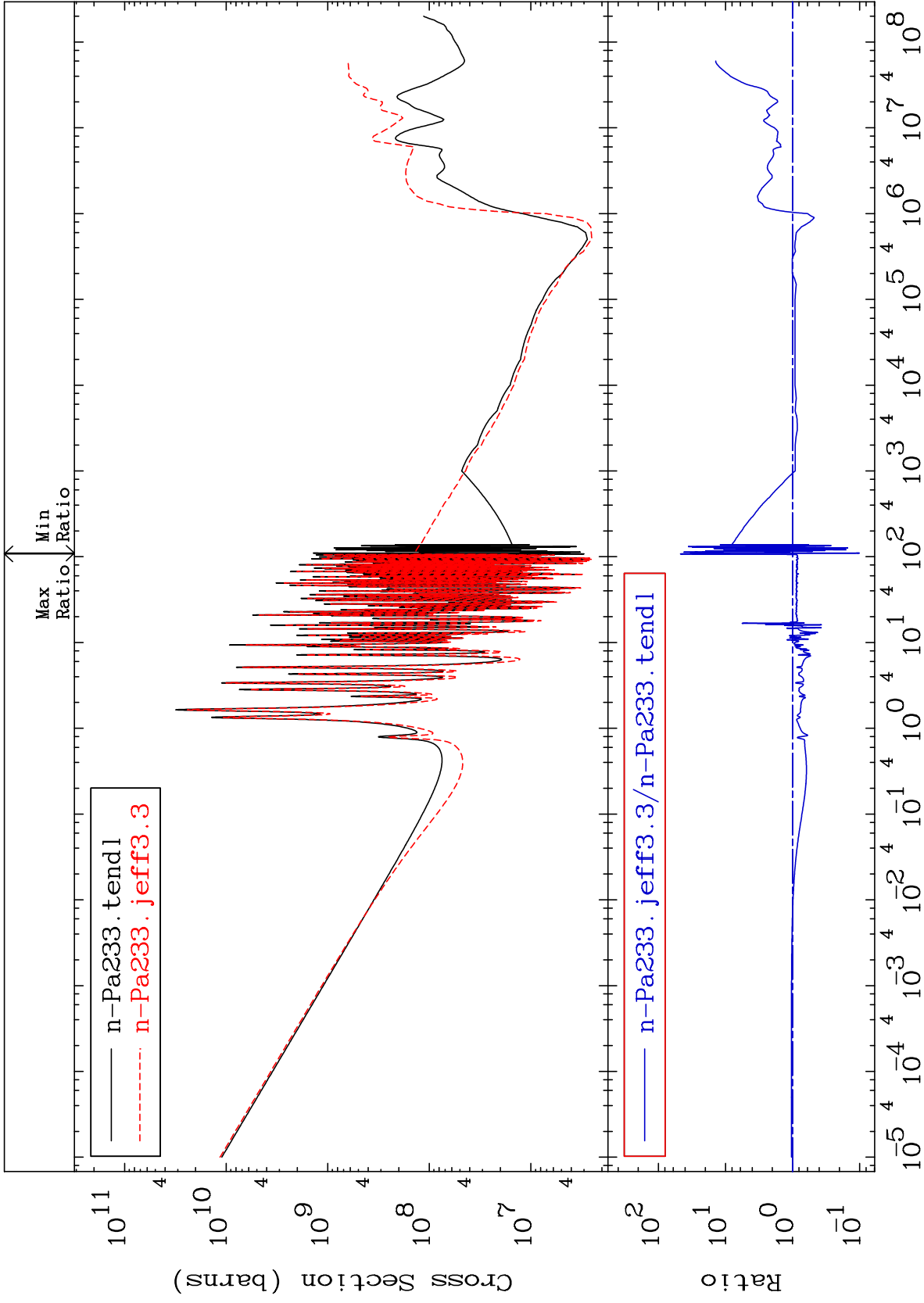
91-Pa-233
-89.00 To 177.2 %



17

Incident Energy (eV)

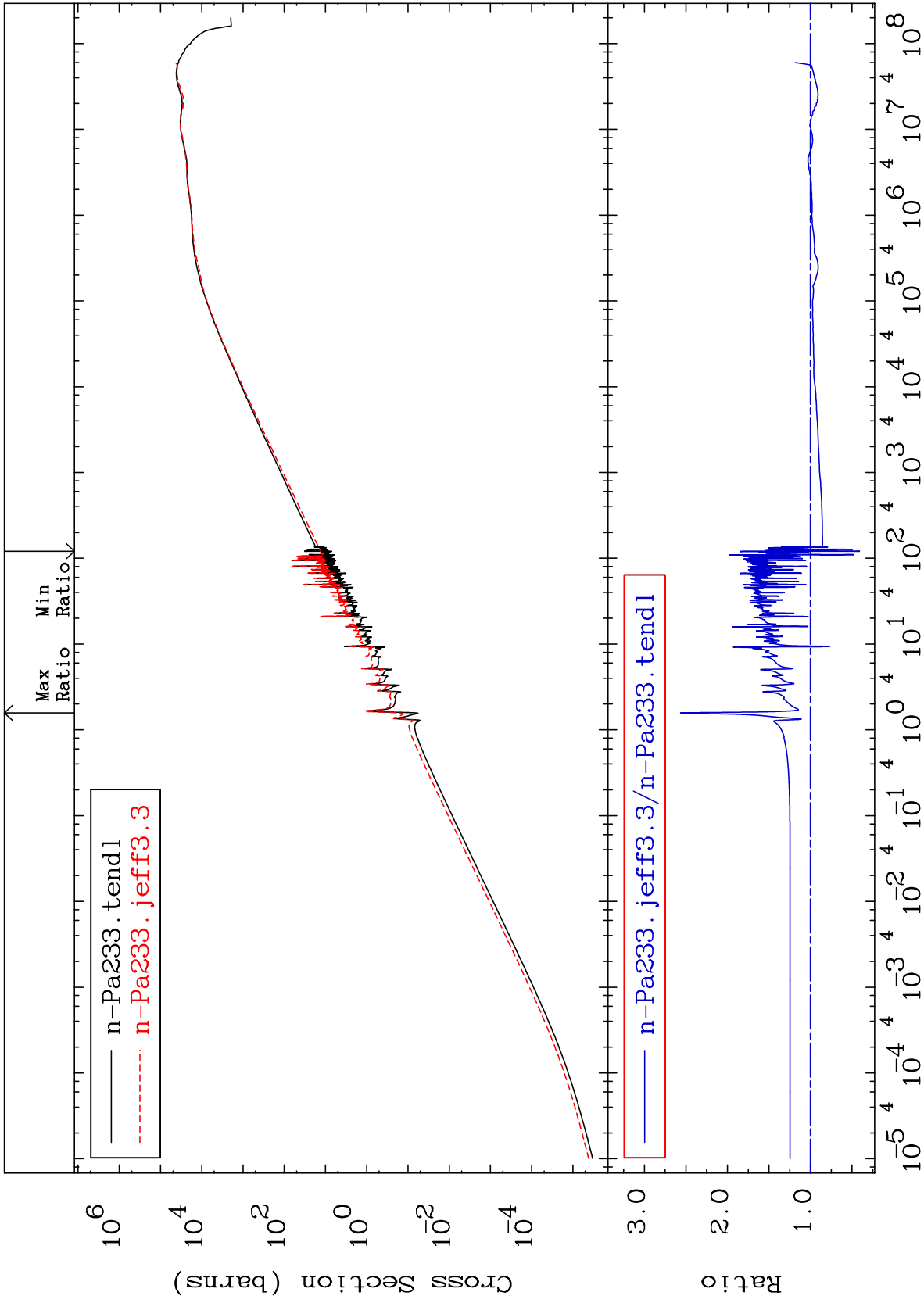
91-Pa-233

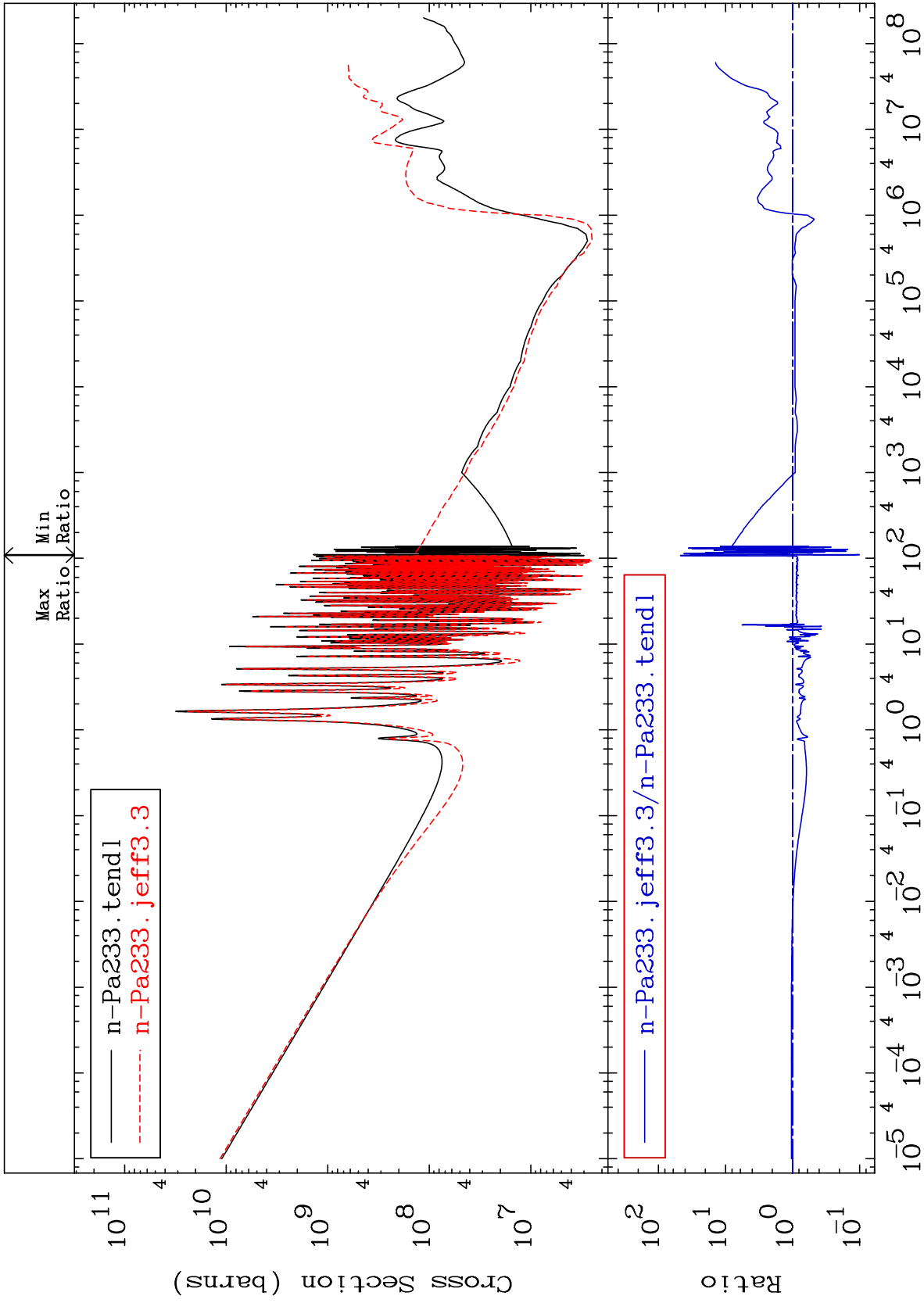


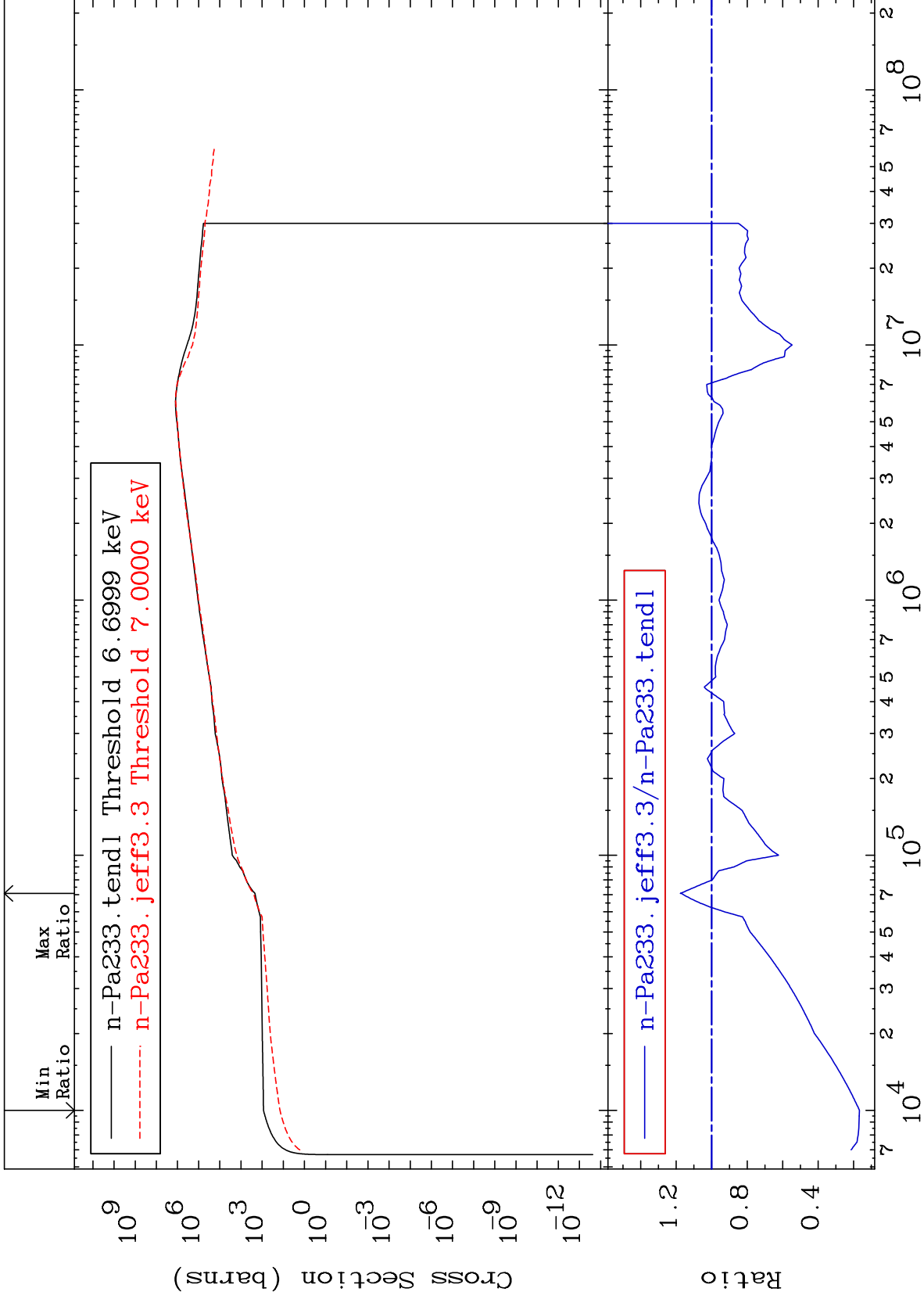
MAT 9137

Kerma elastic
Cross Section

91-Pa-233
-58.94 To 156.7 %



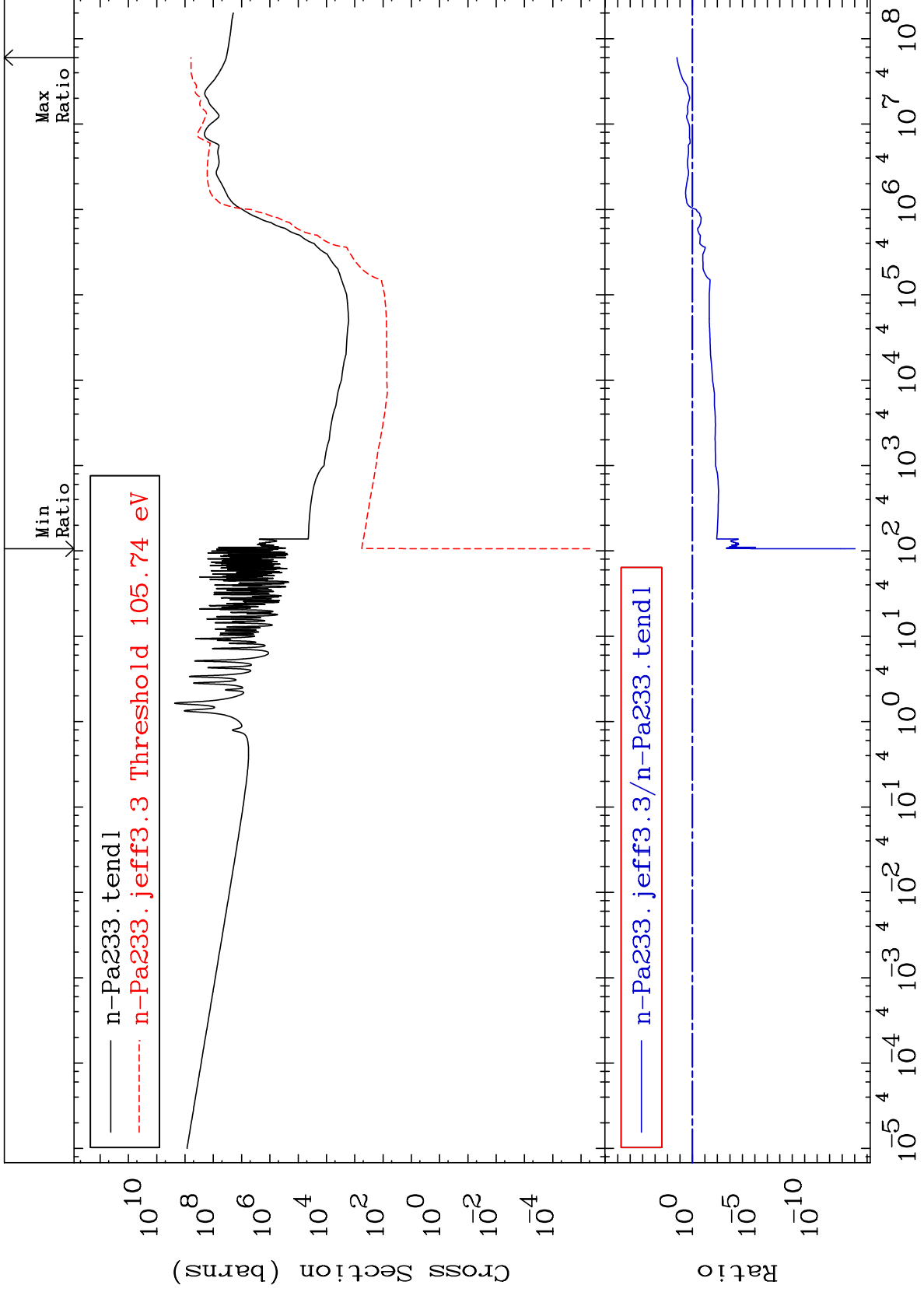


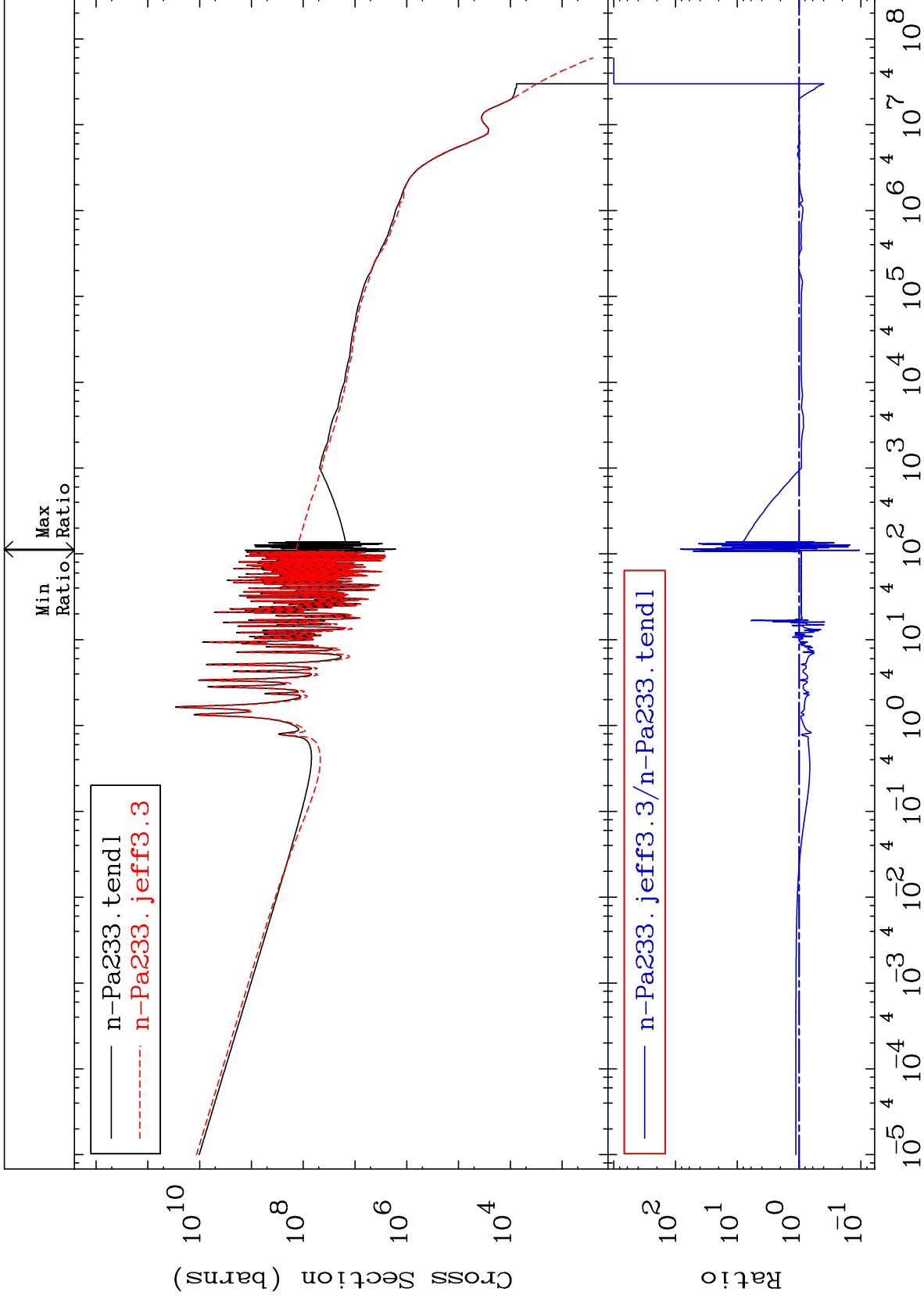


MAT 9137

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

91-Pa-233
-100.0 To 1670. %

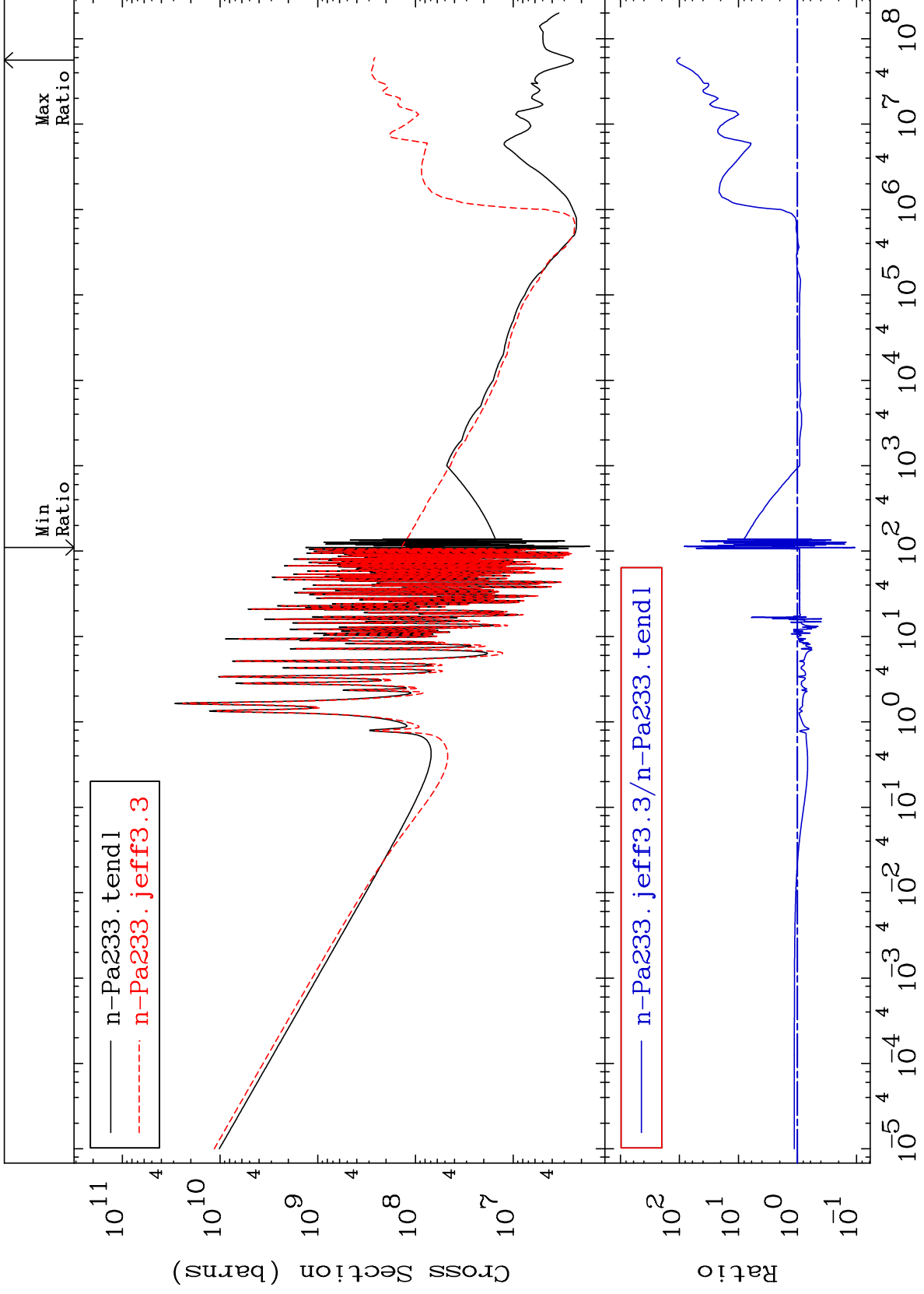


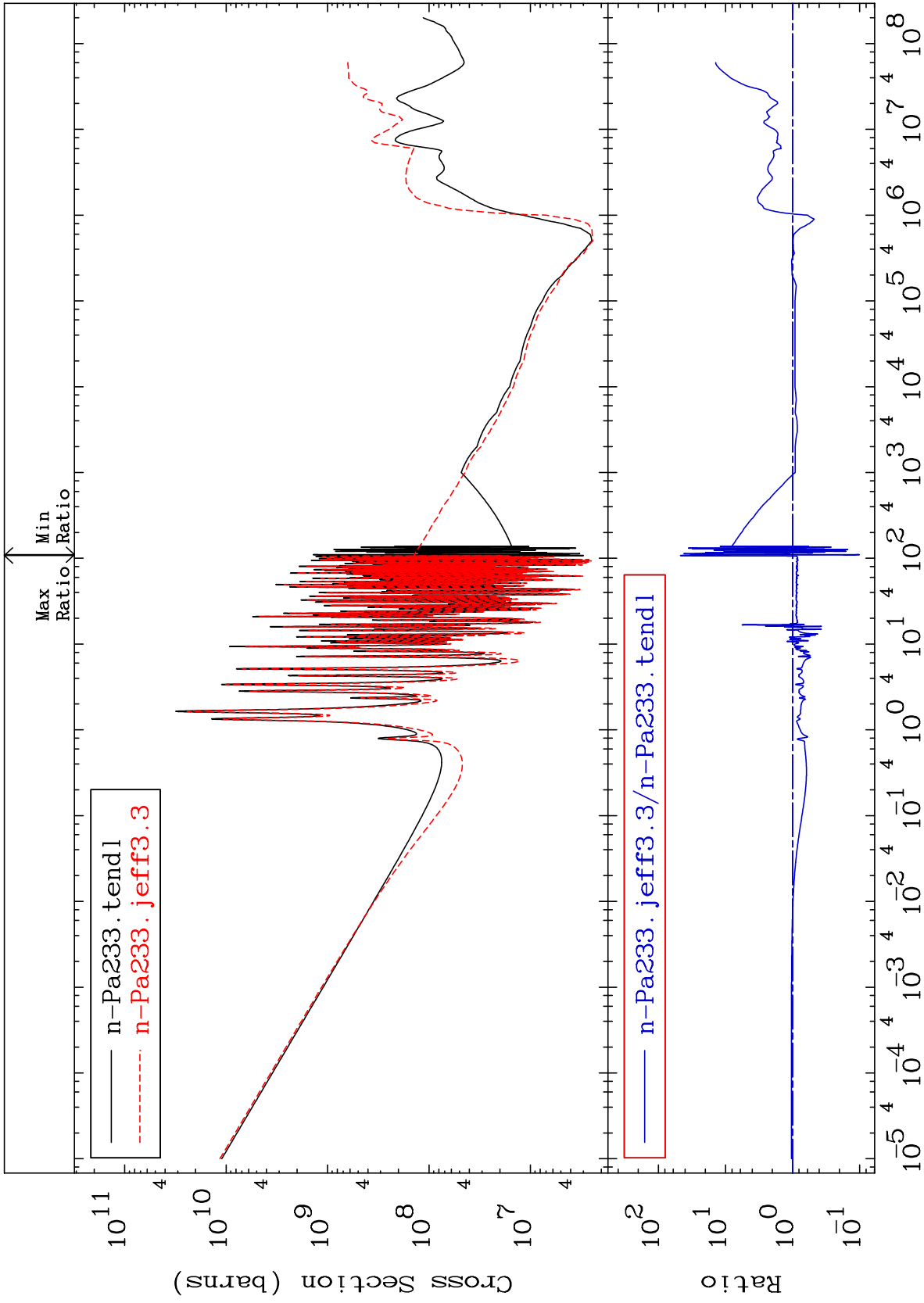


MAT 9137

Total photon (eV-barns)
Cross Section

91-Pa-233
-89.45 To 9999. %





Cross Section

-98.92 To 810.4 %

