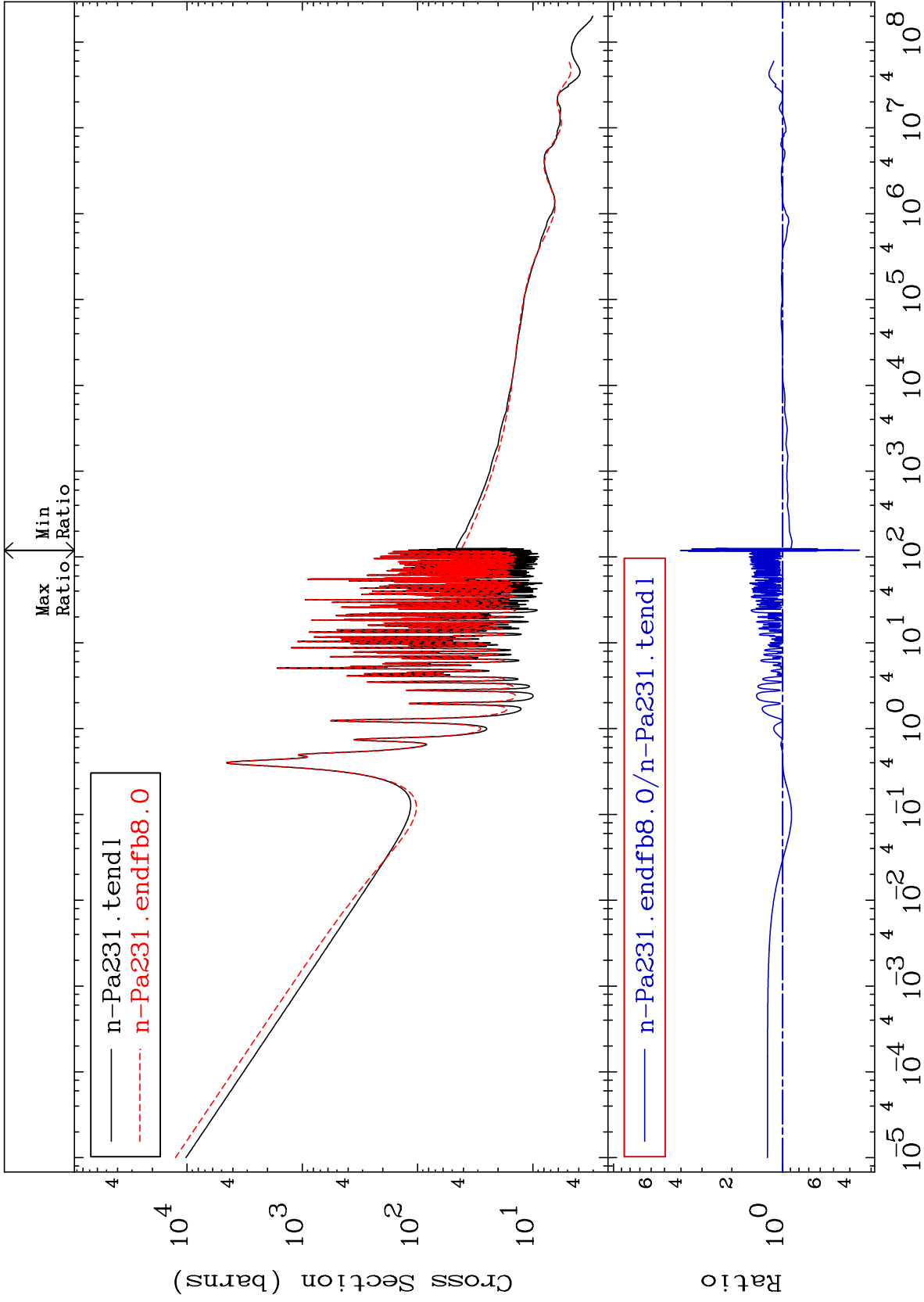


MAT 9131

Total Cross Section
91-Pa-231
-64.86 To 303.1 %



Incident Energy (eV)

91-Pa-231

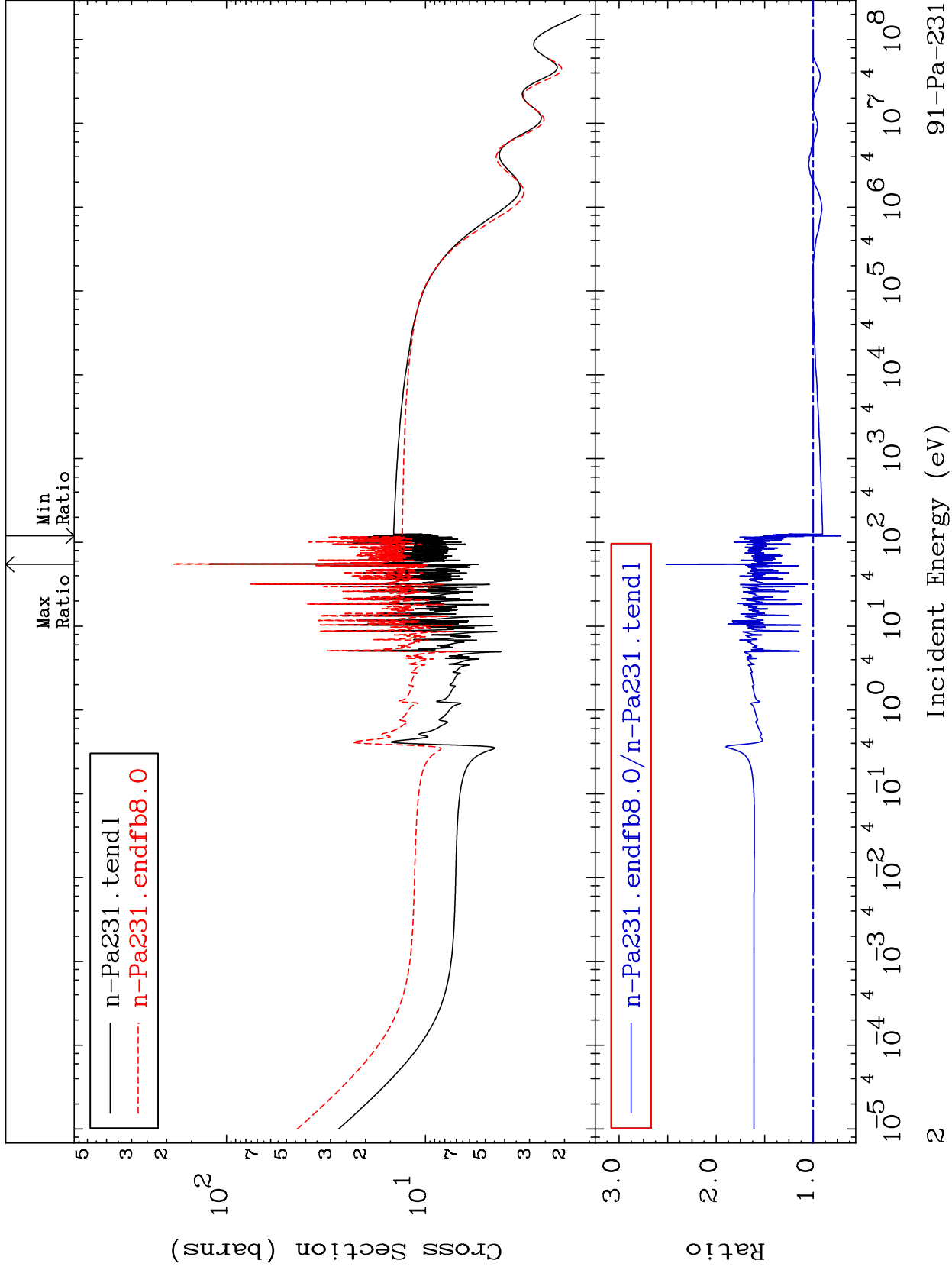
MAT 9131

Elastic

91-Pa-231

Cross Section

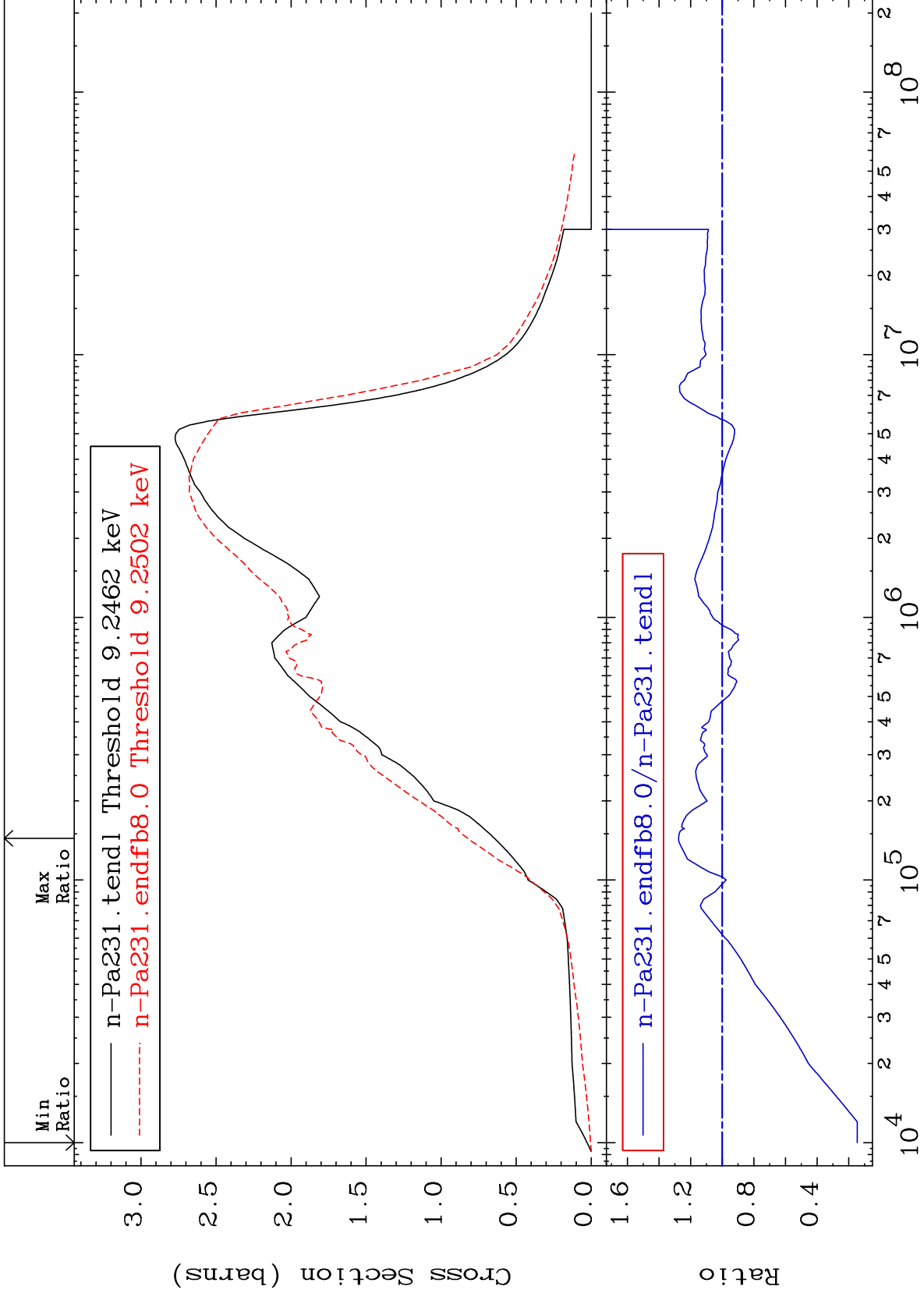
-28.44 To 151.8 %



MAT 9131

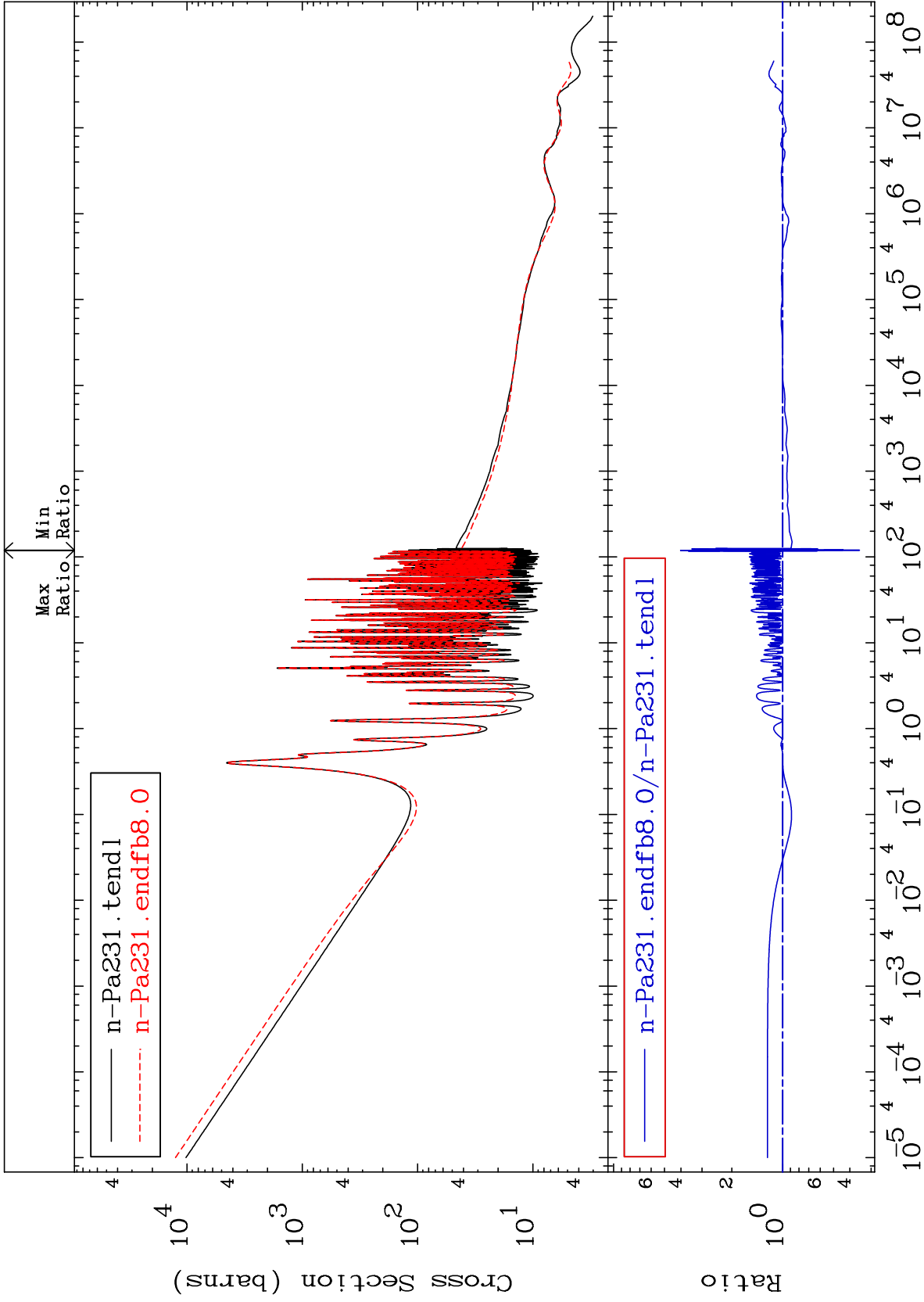
Inelastic
Cross Section

91-Pa-231
-85.36 To 27.56 %



MAT 9131

Total Cross Section
91-Pa-231
-64.86 To 303.1 %



Incident Energy (eV)

91-Pa-231

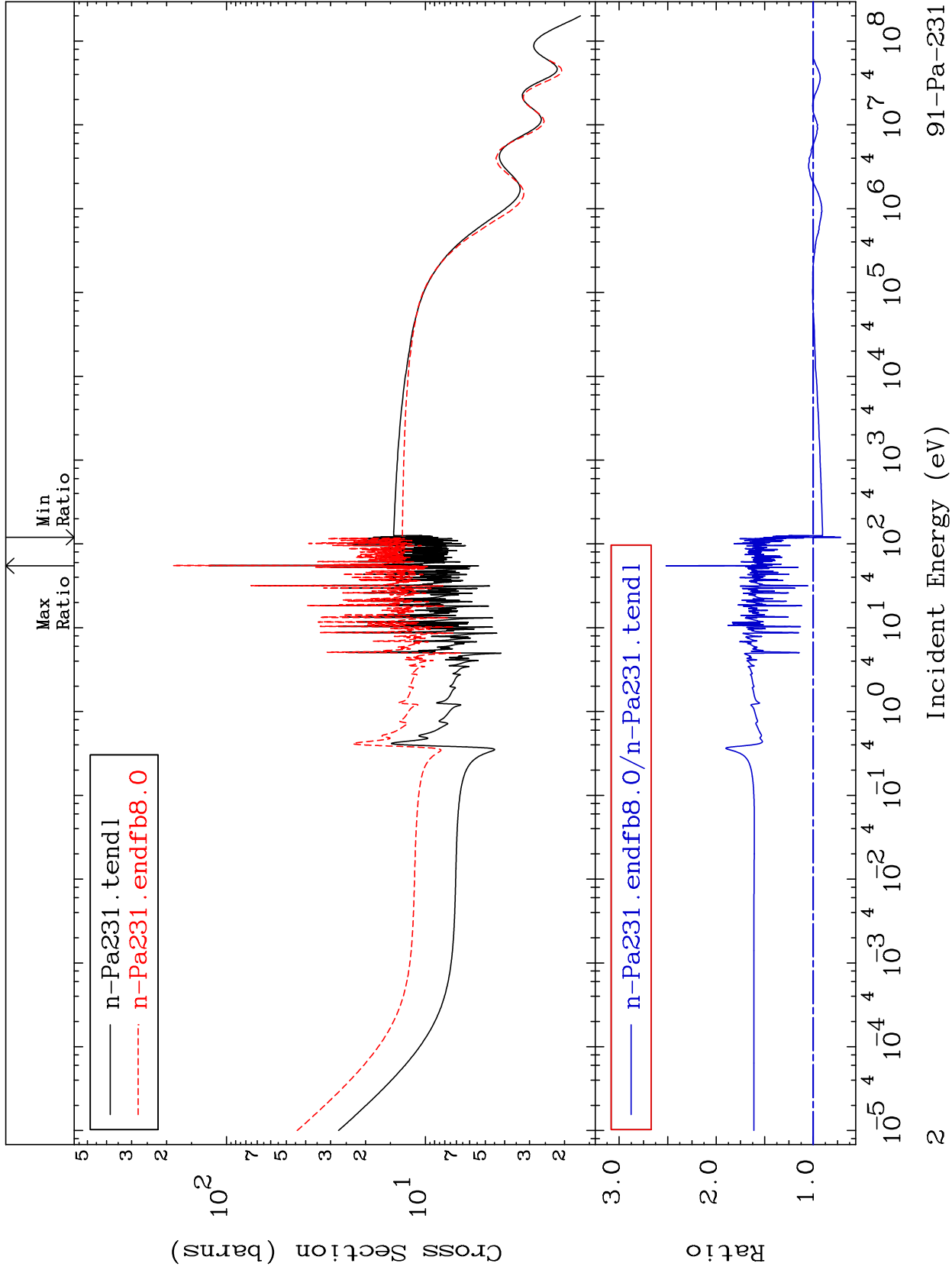
MAT 9131

Elastic

91-Pa-231

Cross Section

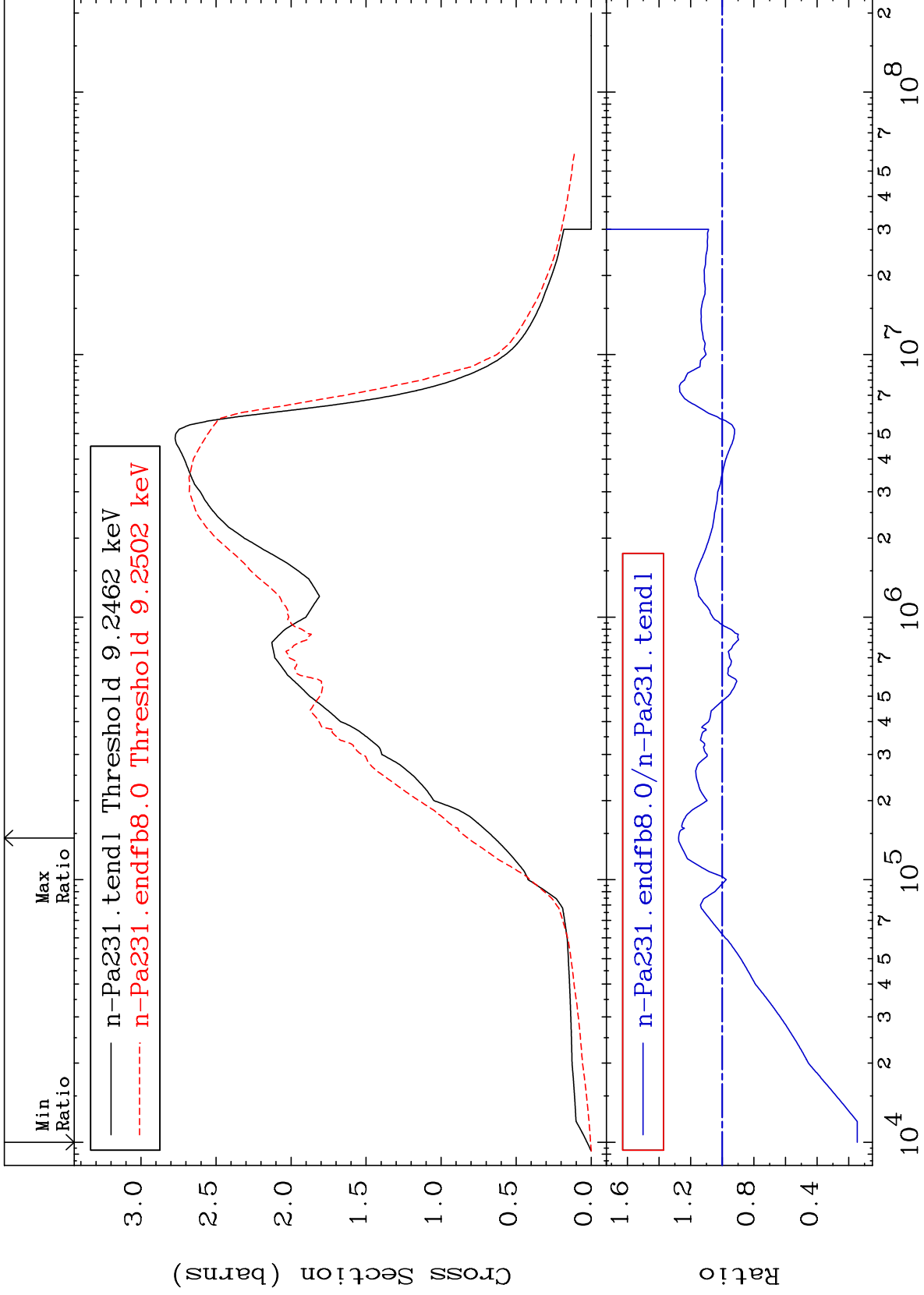
-28.44 To 151.8 %



MAT 9131

Inelastic
Cross Section

91-Pa-231
-85.36 To 27.56 %



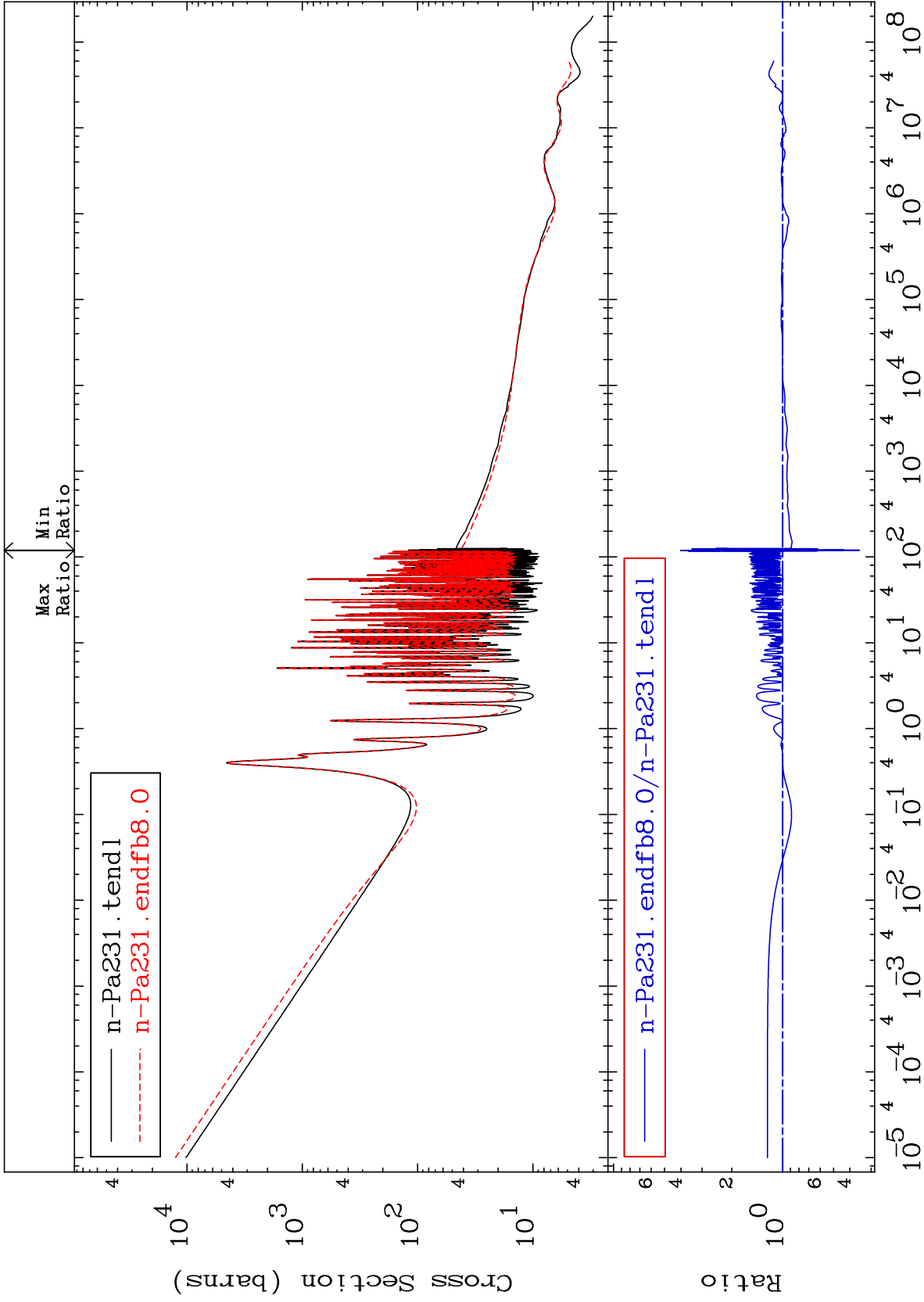
3

Incident Energy (eV)

91-Pa-231

MAT 9131

Total Cross Section
91-Pa-231
-64.86 To 303.1 %



Incident Energy (eV)

91-Pa-231

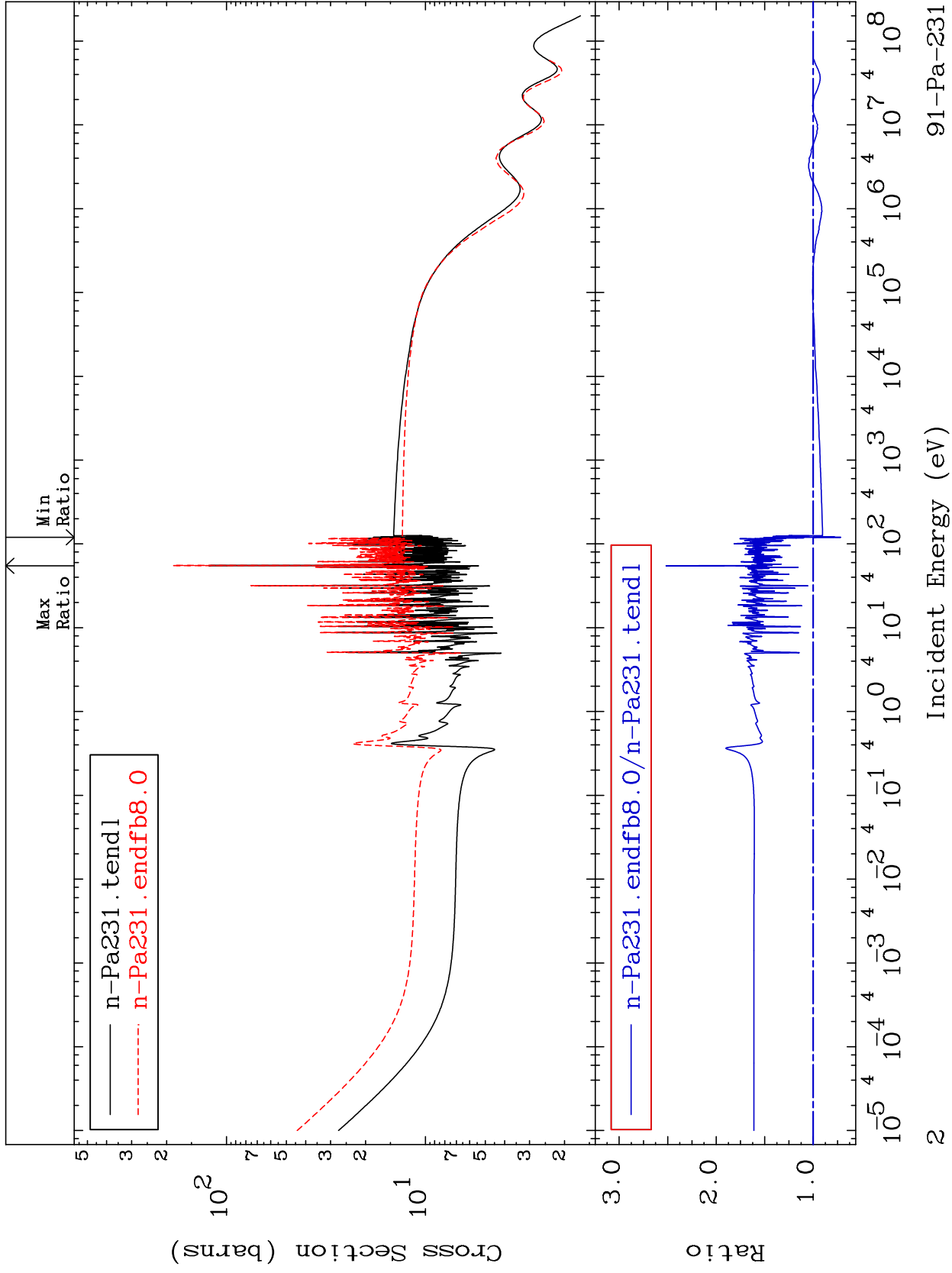
MAT 9131

Elastic

91-Pa-231

Cross Section

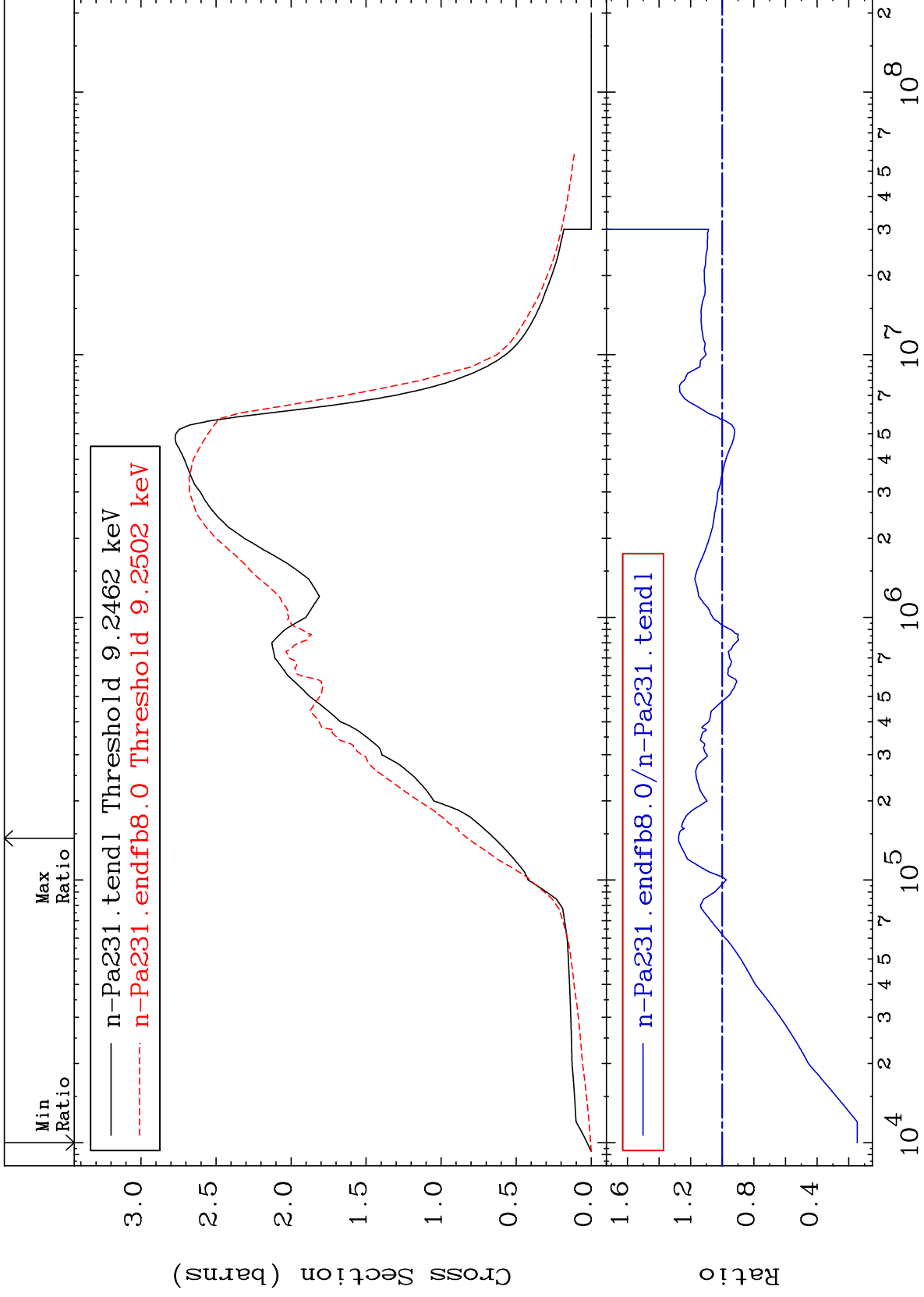
-28.44 To 151.8 %



MAT 9131

Inelastic
Cross Section

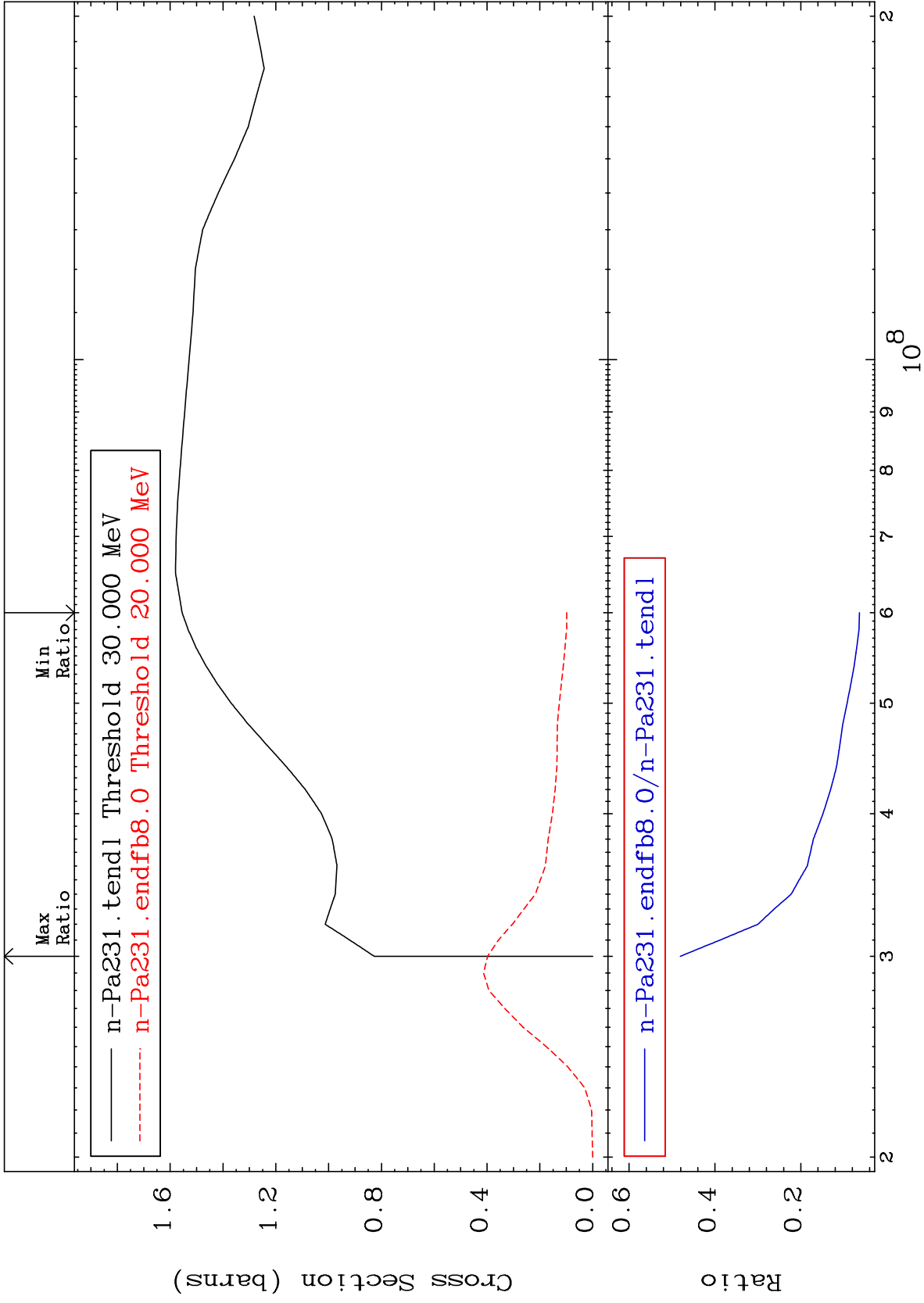
91-Pa-231
-85.36 To 27.56 %



MAT 9131

(n, remainder)
Cross Section

91-Pa-231
-93.64 To -51.93%



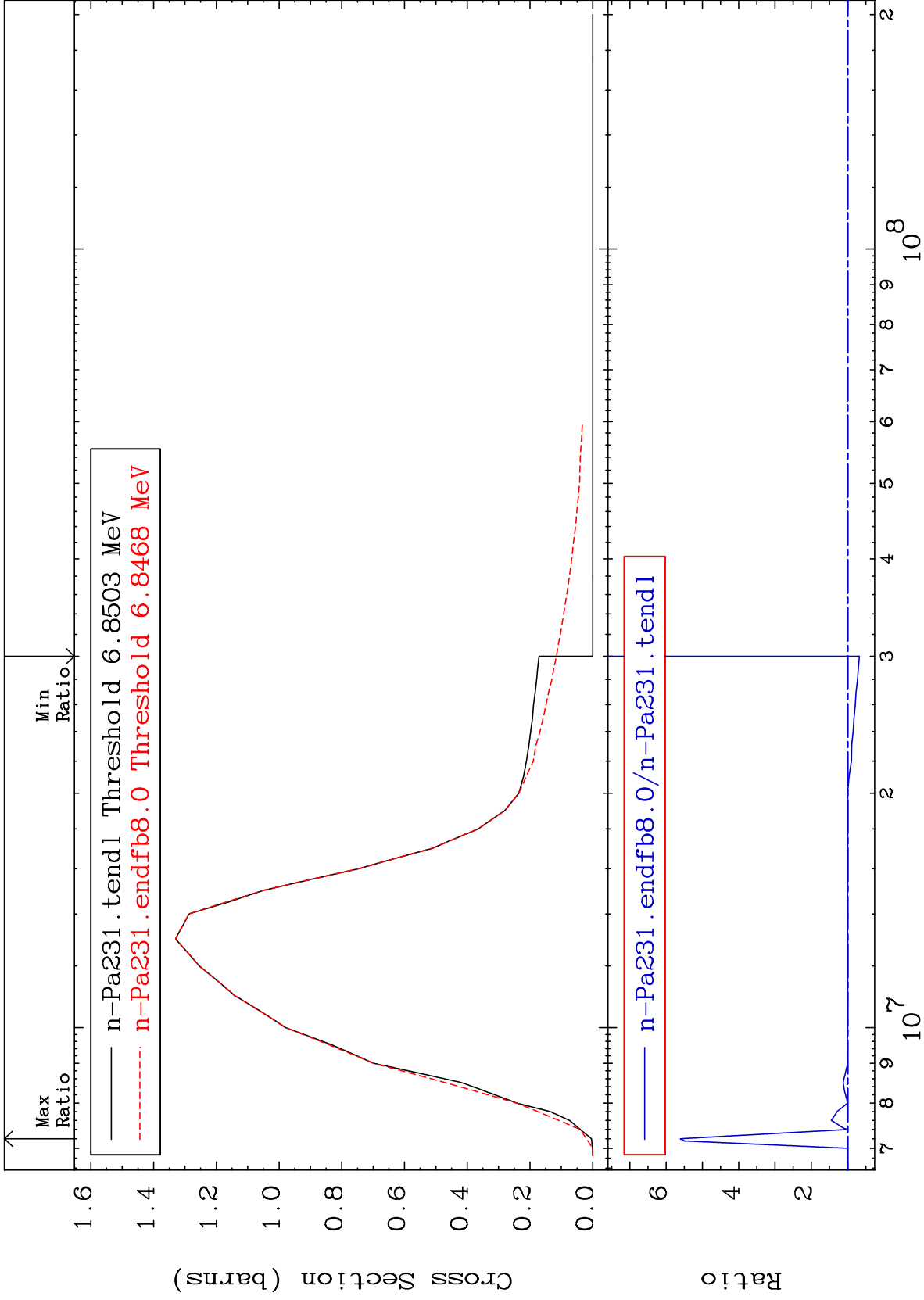
MAT 9131

(n,2n)

91-Pa-231

Cross Section

-32.45 To 460.9 %



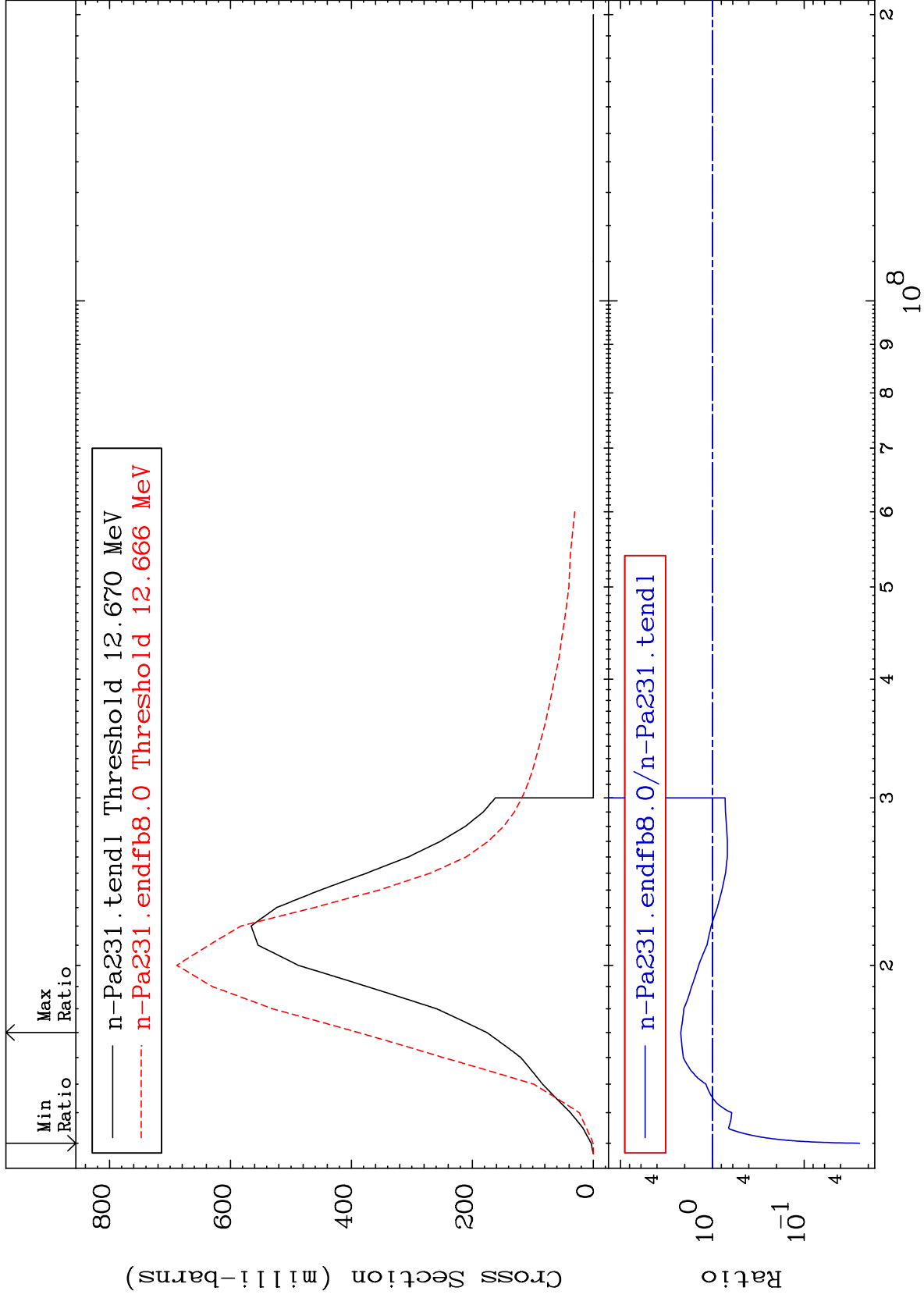
MAT 9131

(n,3n)

91-Pa-231

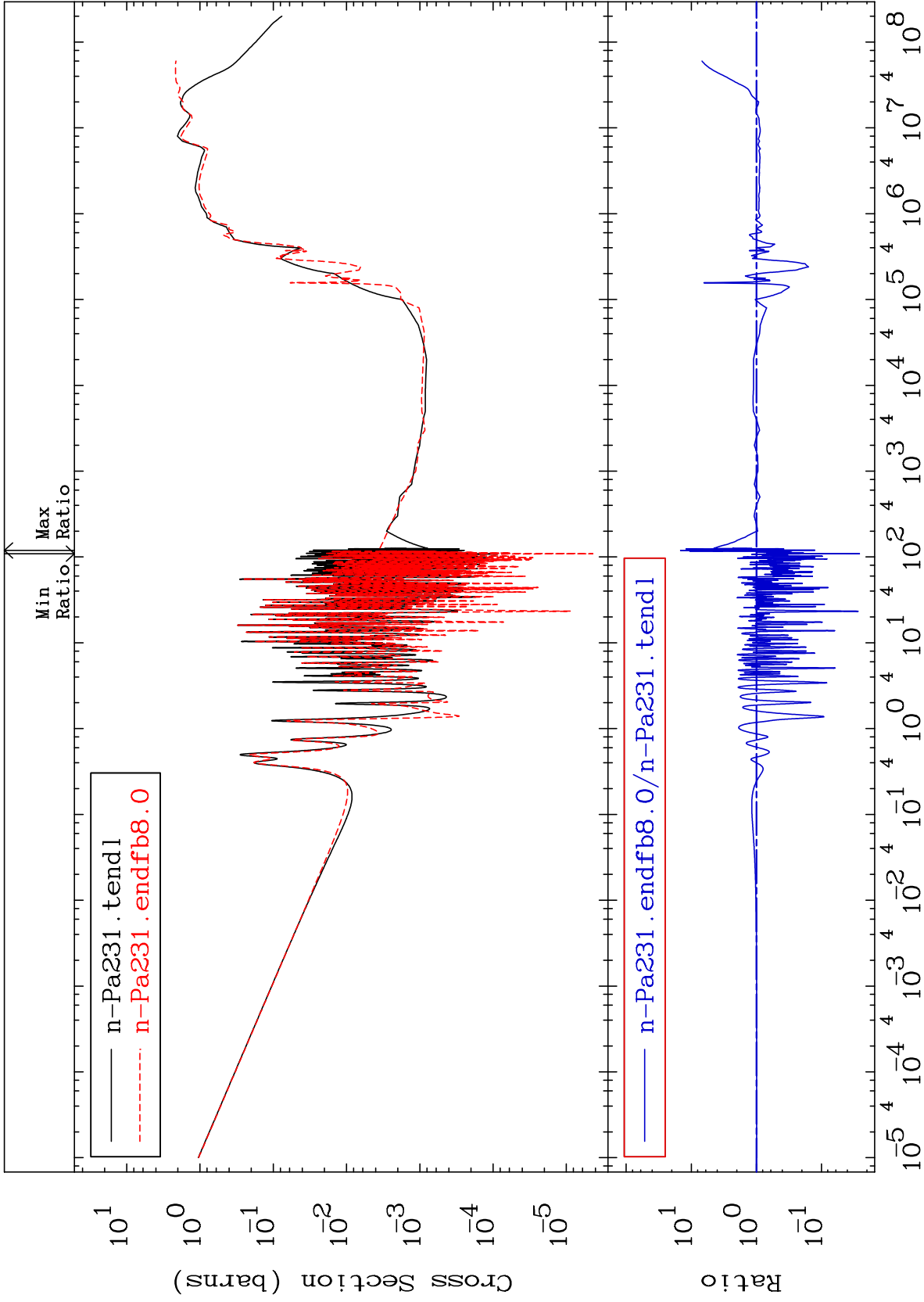
Cross Section

-97.51 To 120.8 %



MAT 9131

Fission Cross Section 91-Pa-231
-97.39 To 1372. %



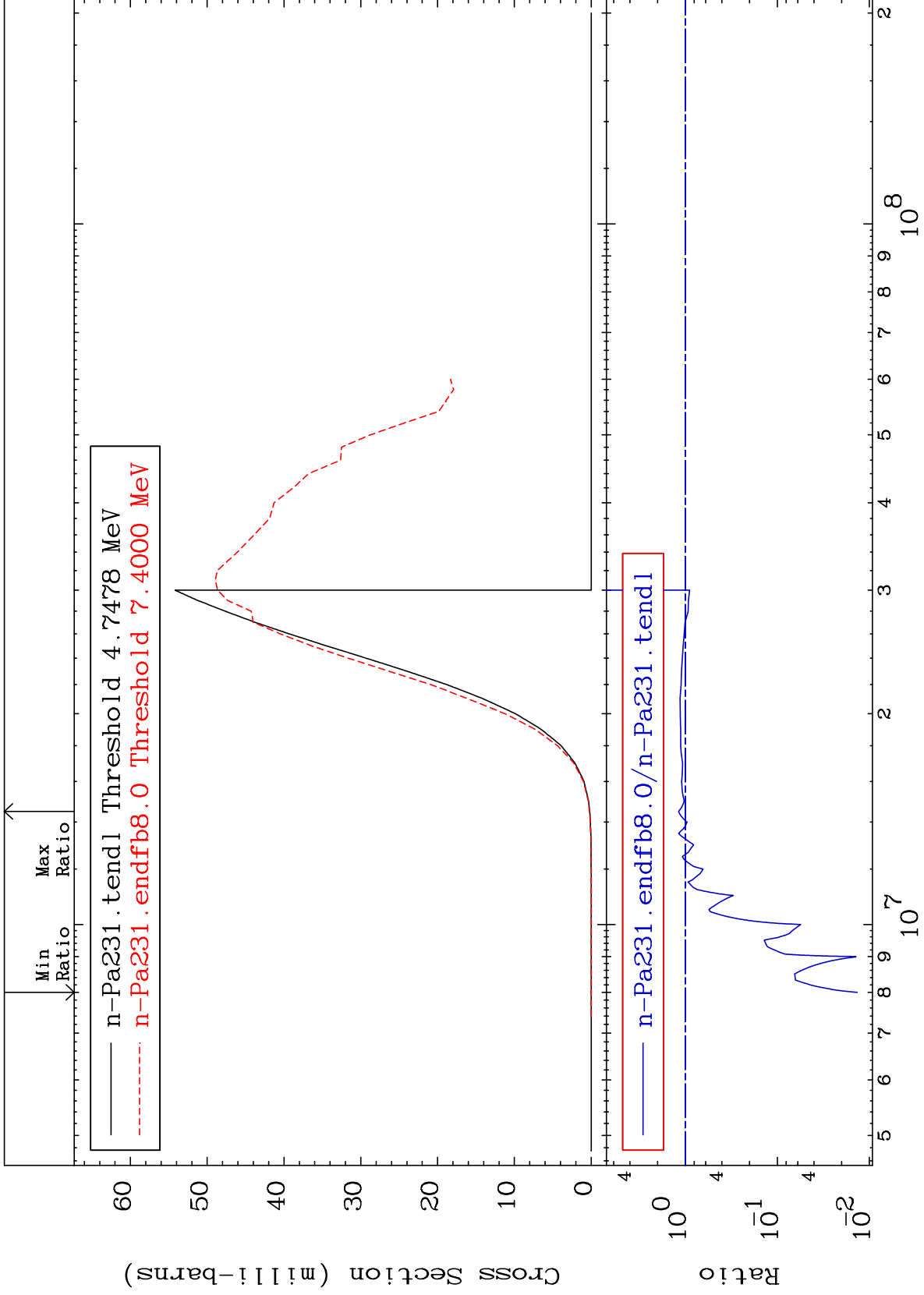
Incident Energy (eV)

91-Pa-231

MAT 9131

(n, n') p
Cross Section

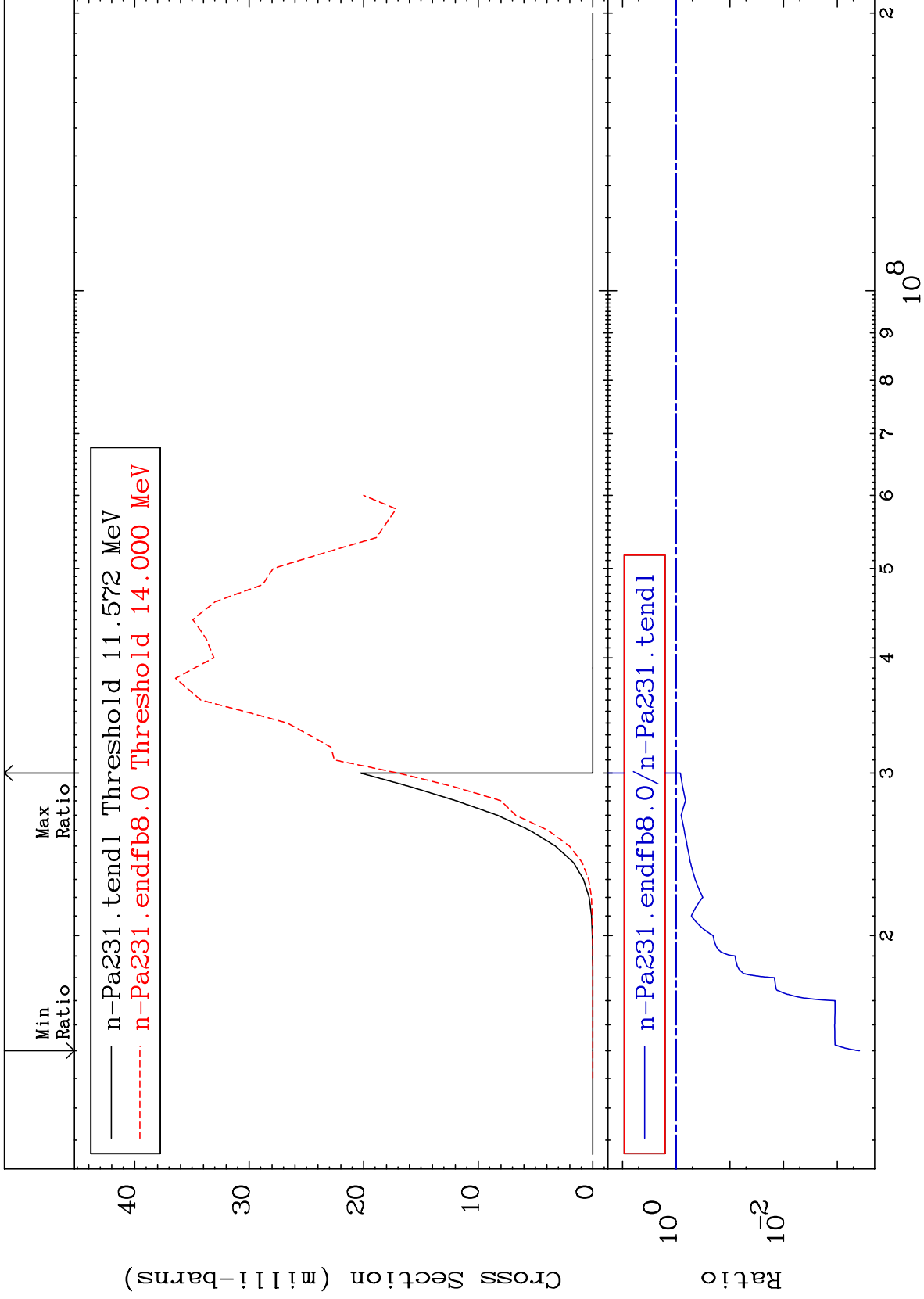
91-Pa-231
-98.65 To 18.12 %



MAT 9131

(n,2n) p
Cross Section

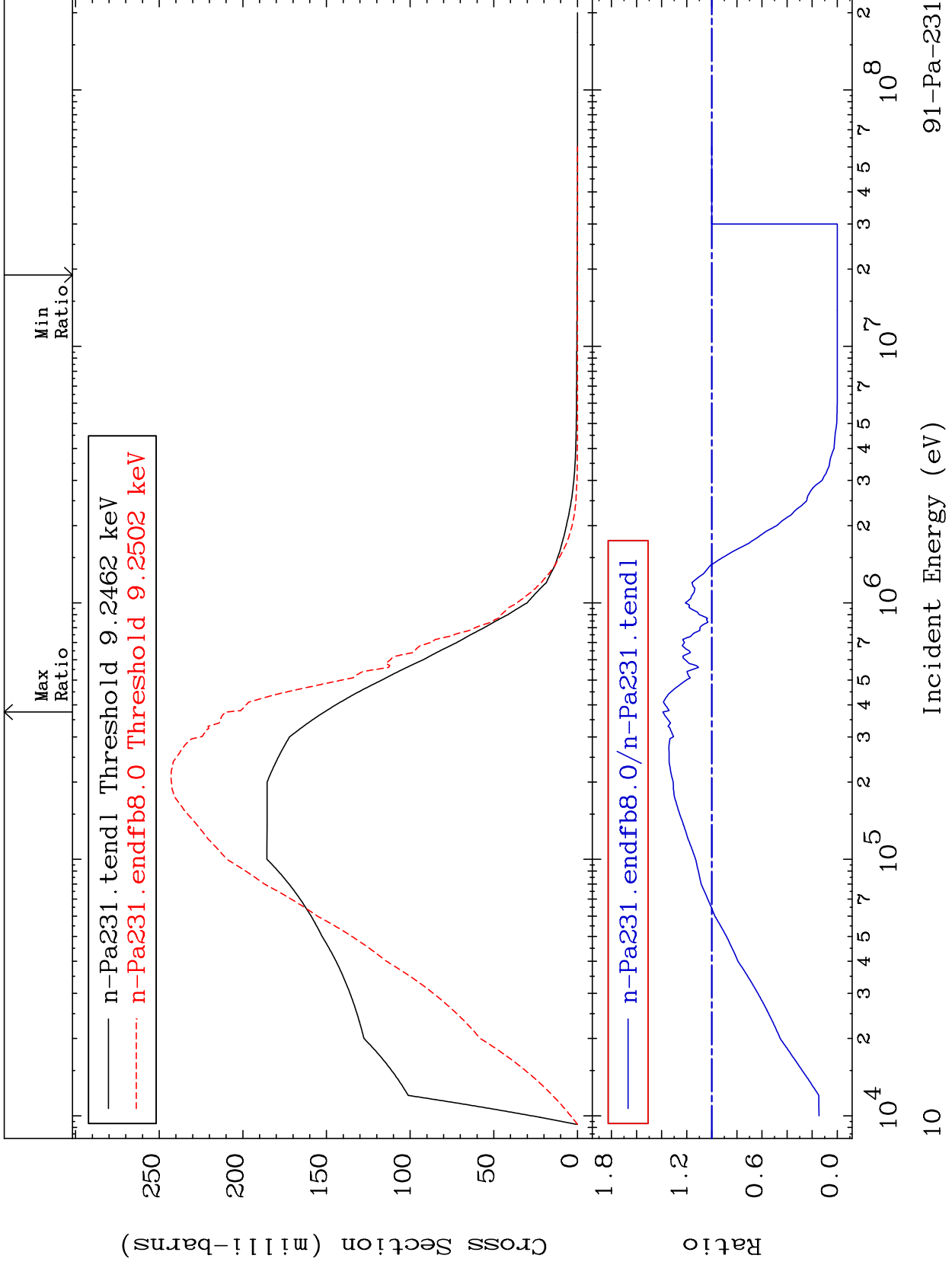
91-Pa-231
-99.96 To -16.20%



MAT 9131

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

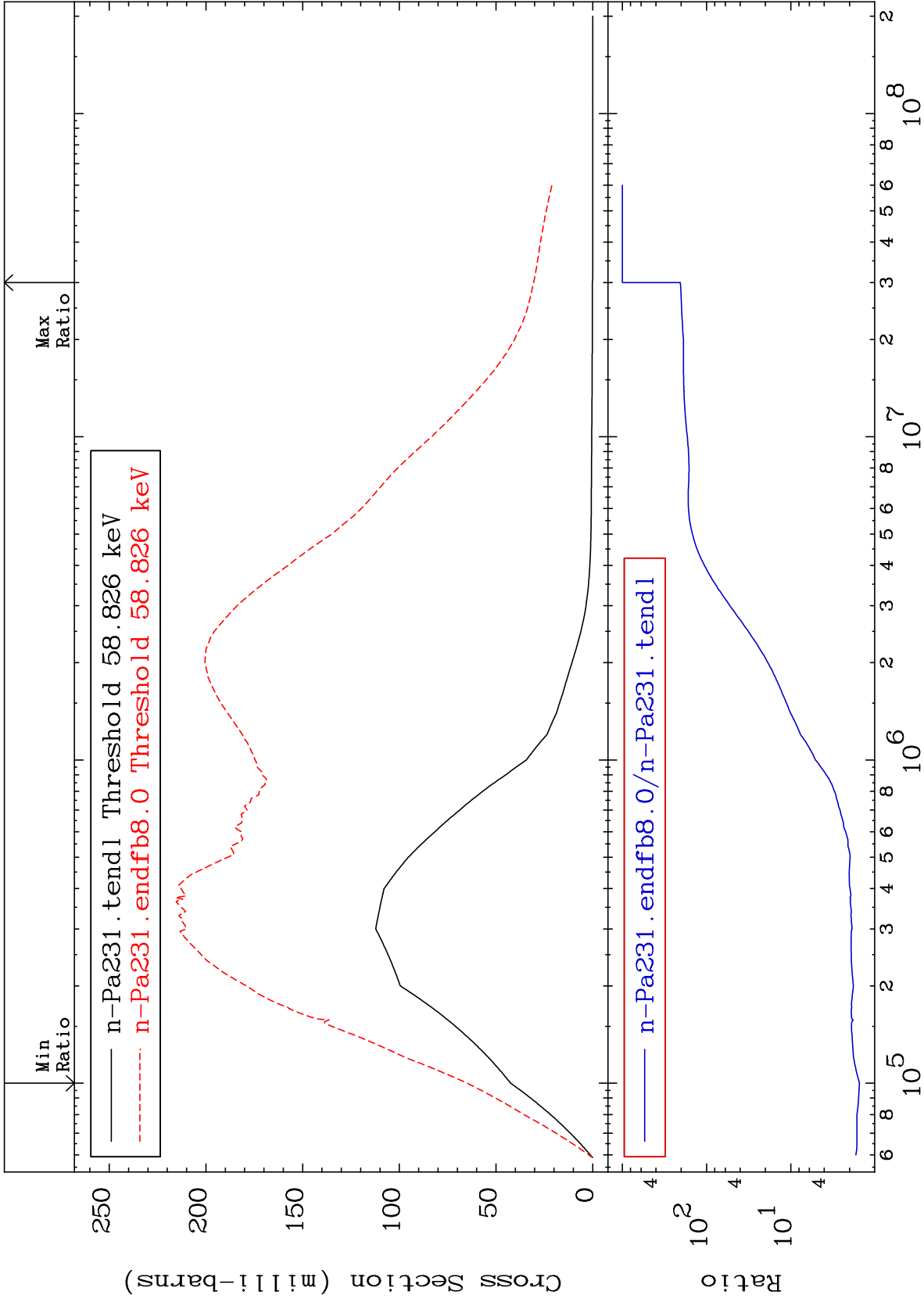
91-Pa-231
-100.0 To 39.05 %



MAT 9131

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

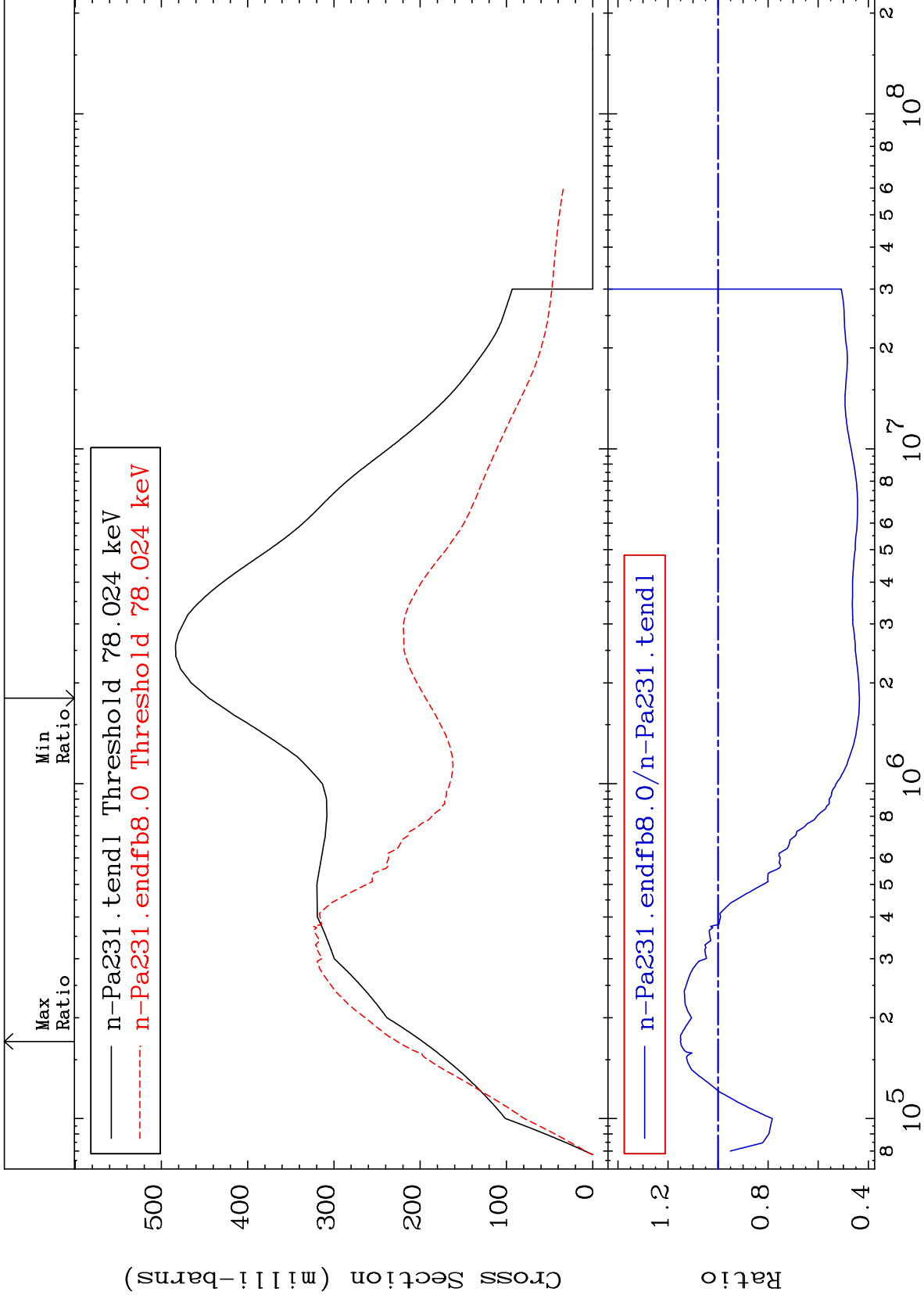
91-Pa-231
52.90 To 9999. %



MAT 9131

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

91-Pa-231
-56.45 To 15.05 %



12

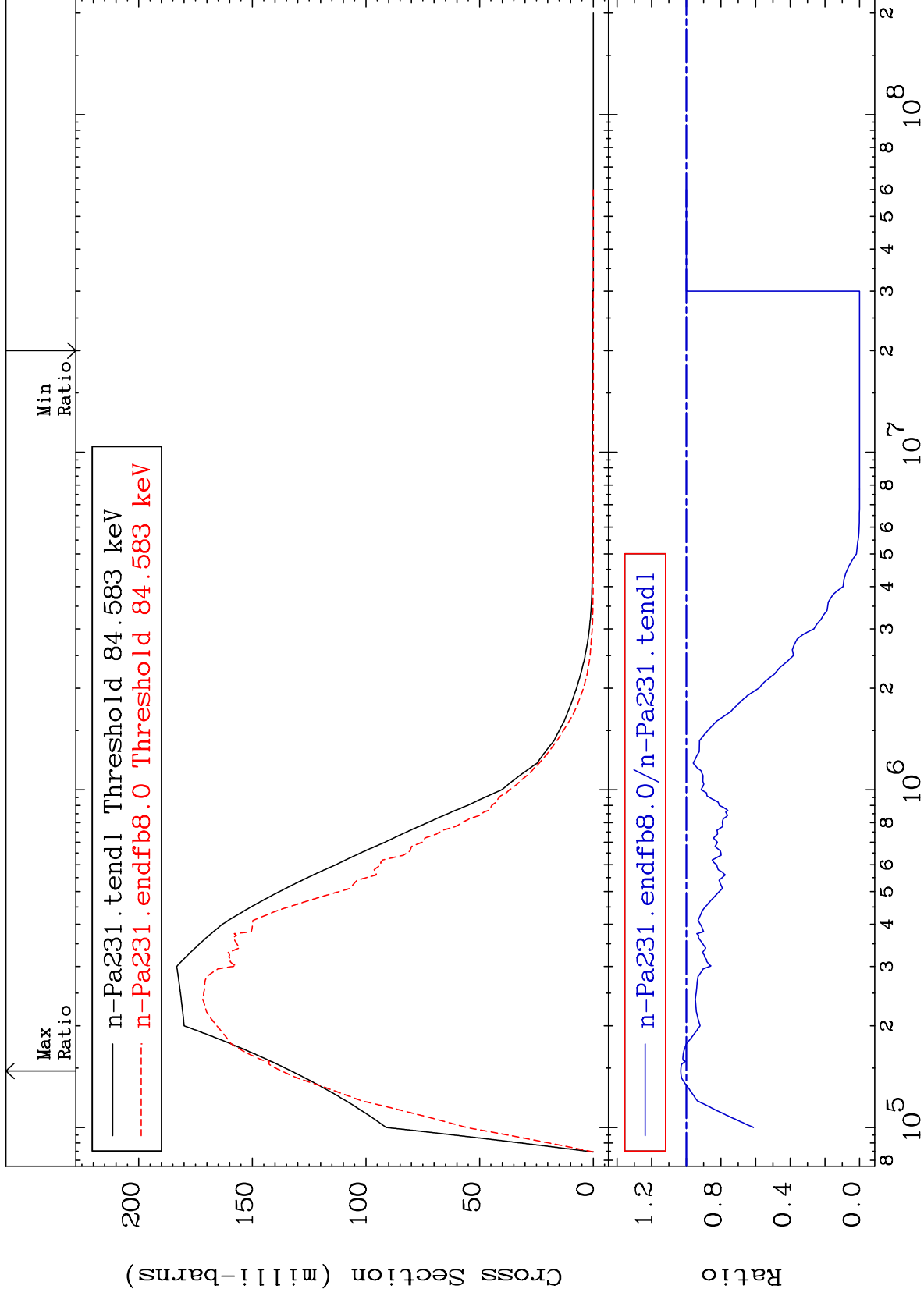
Incident Energy (eV)

91-Pa-231

MAT 9131

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

91-Pa-231
-100.0 To 3.179 %



13

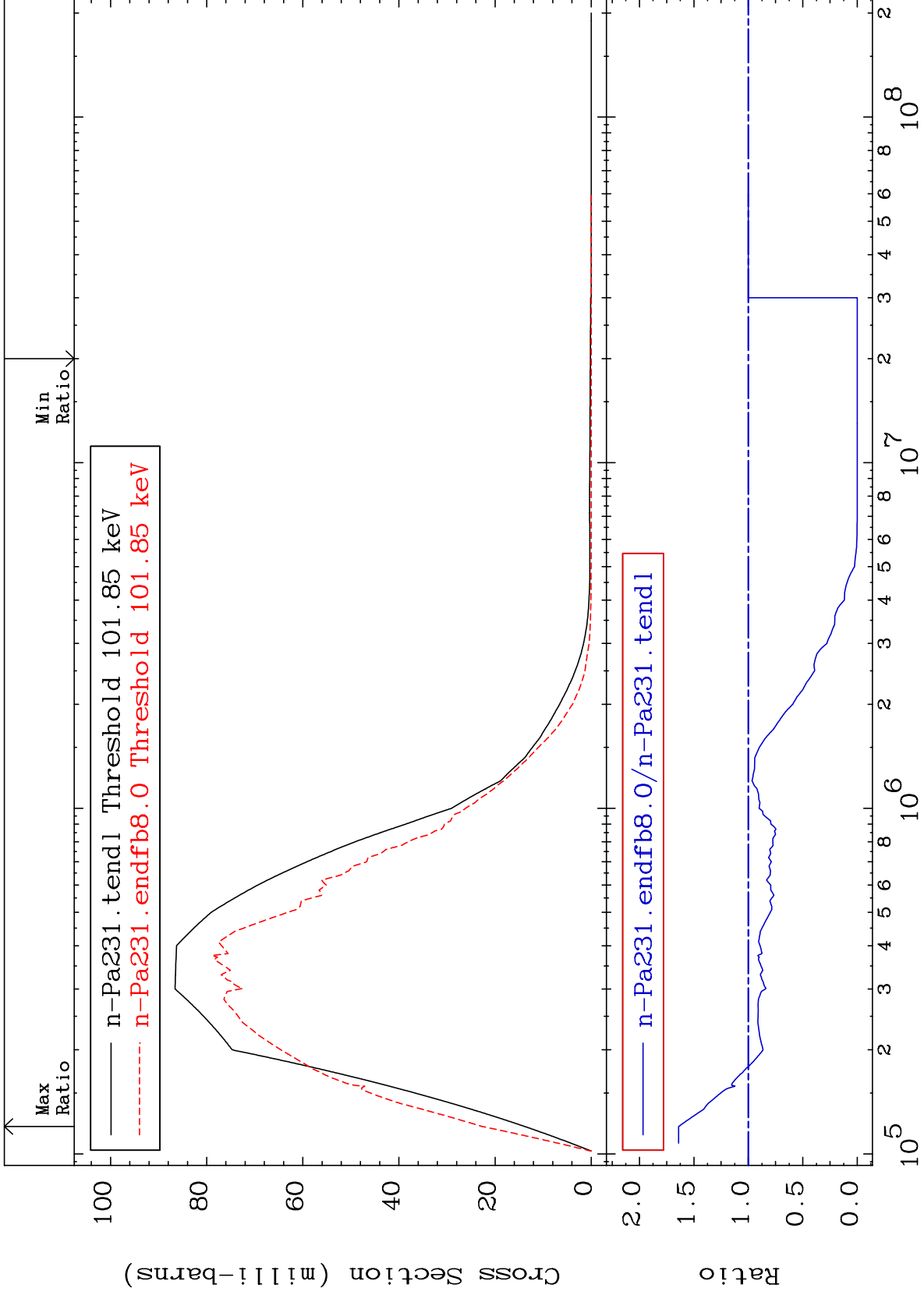
Incident Energy (eV)

91-Pa-231

MAT 9131

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

91-Pa-231
-100.0 To 64.01 %



14

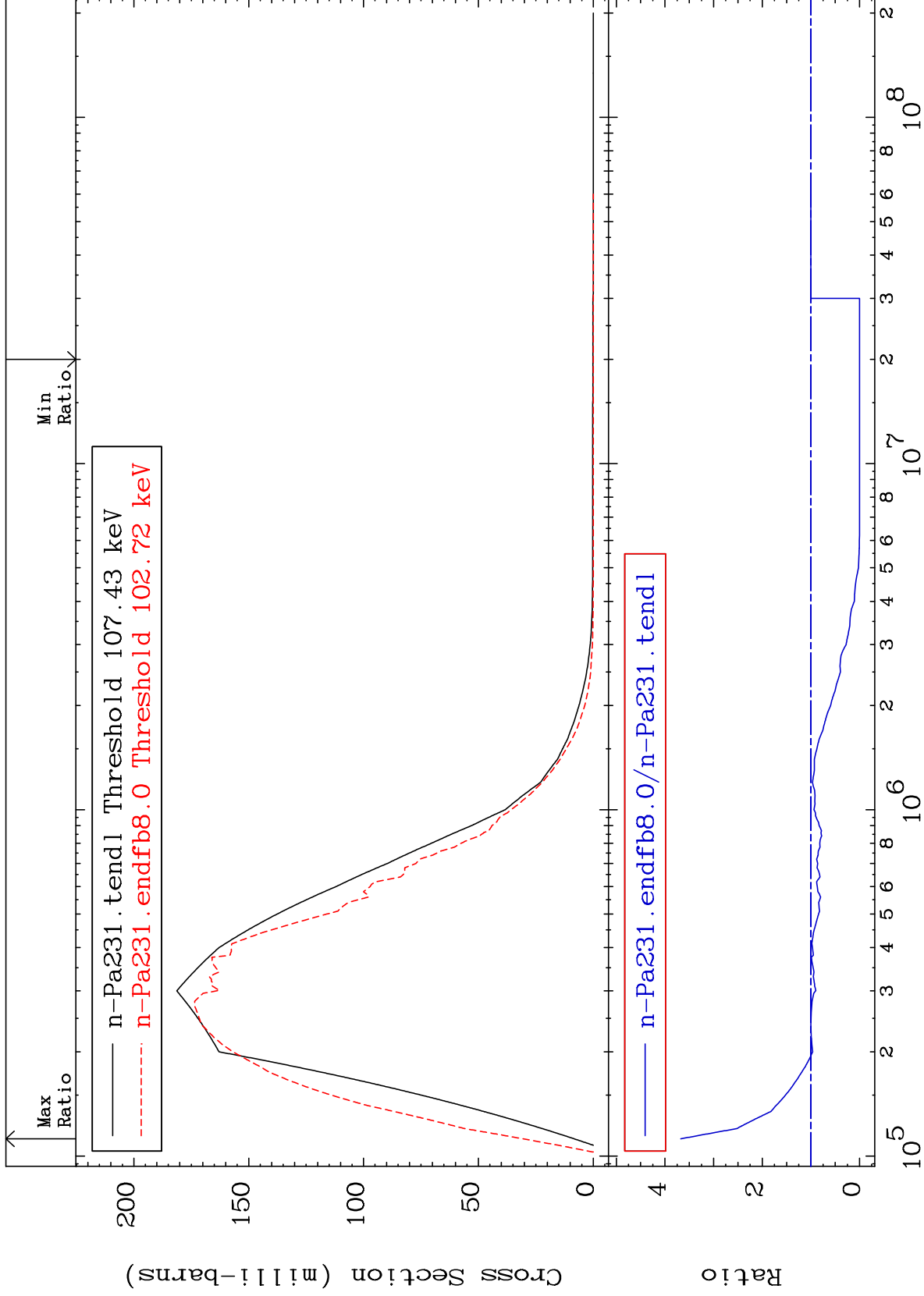
Incident Energy (eV)

91-Pa-231

MAT 9131

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

91-Pa-231
-100.0 To 267.5 %



15

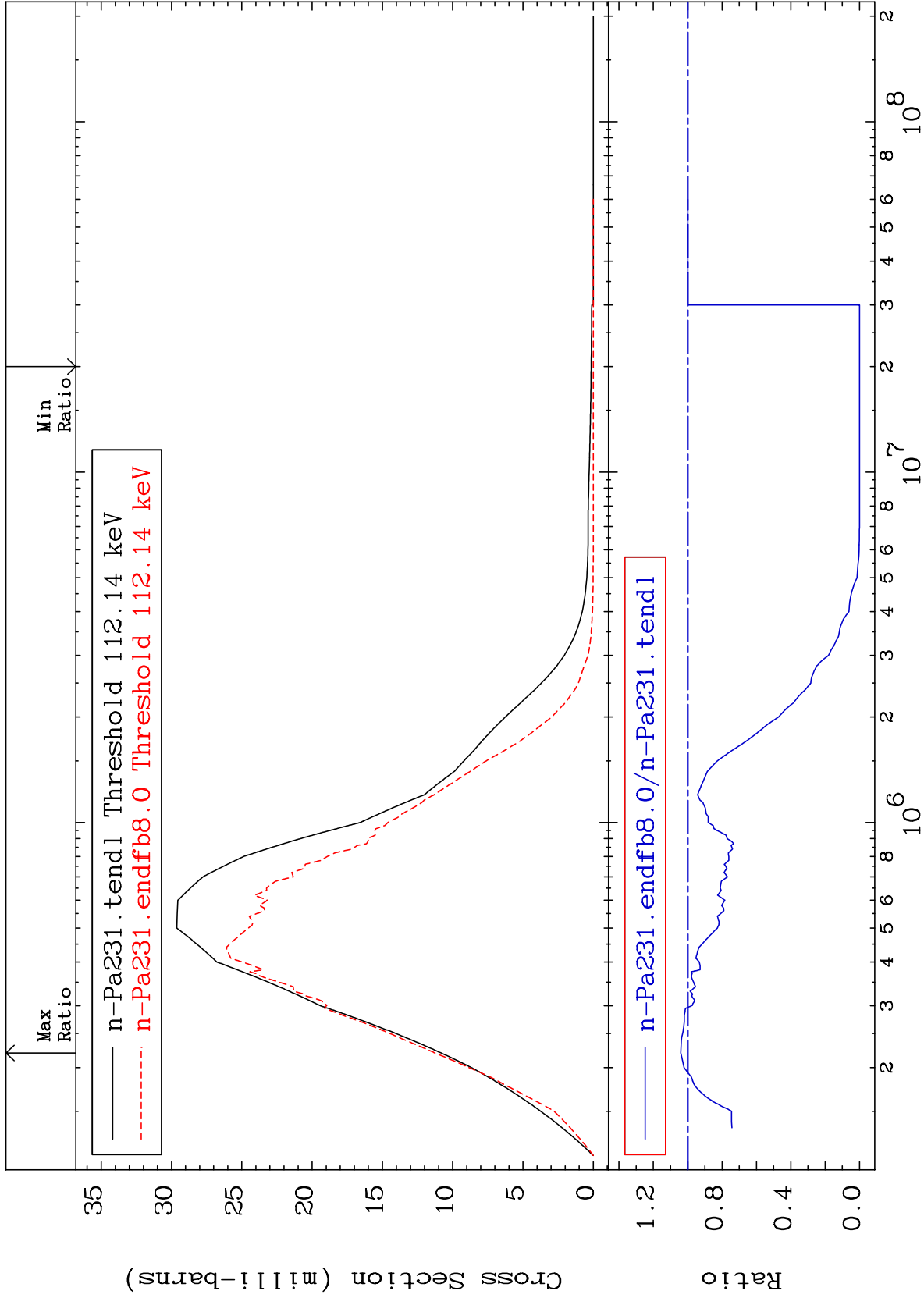
Incident Energy (eV)

91-Pa-231

MAT 9131

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

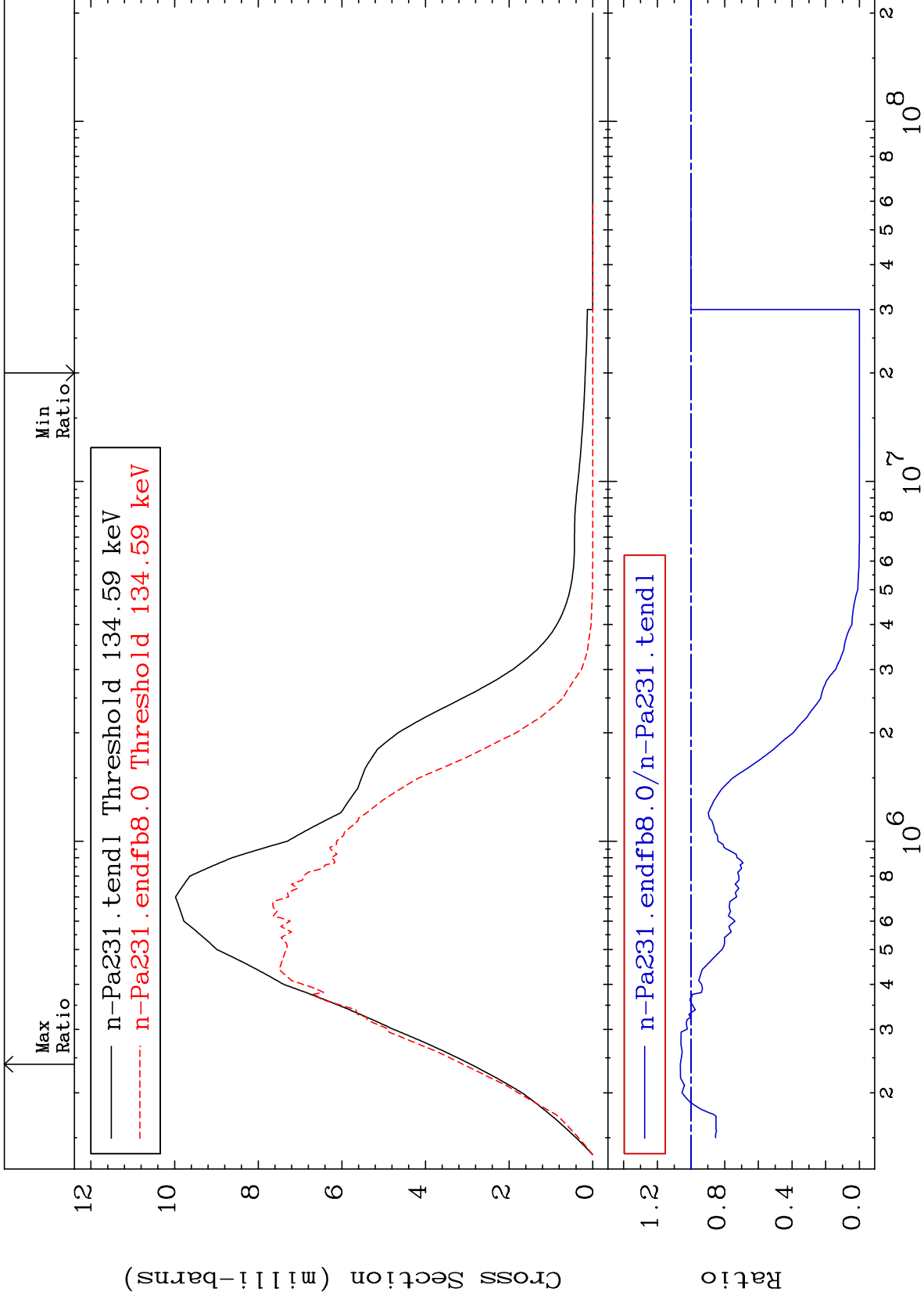
91-Pa-231
-100.0 To 4.042 %



MAT 9131

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

91-Pa-231
-100.0 To 6.325 %



17

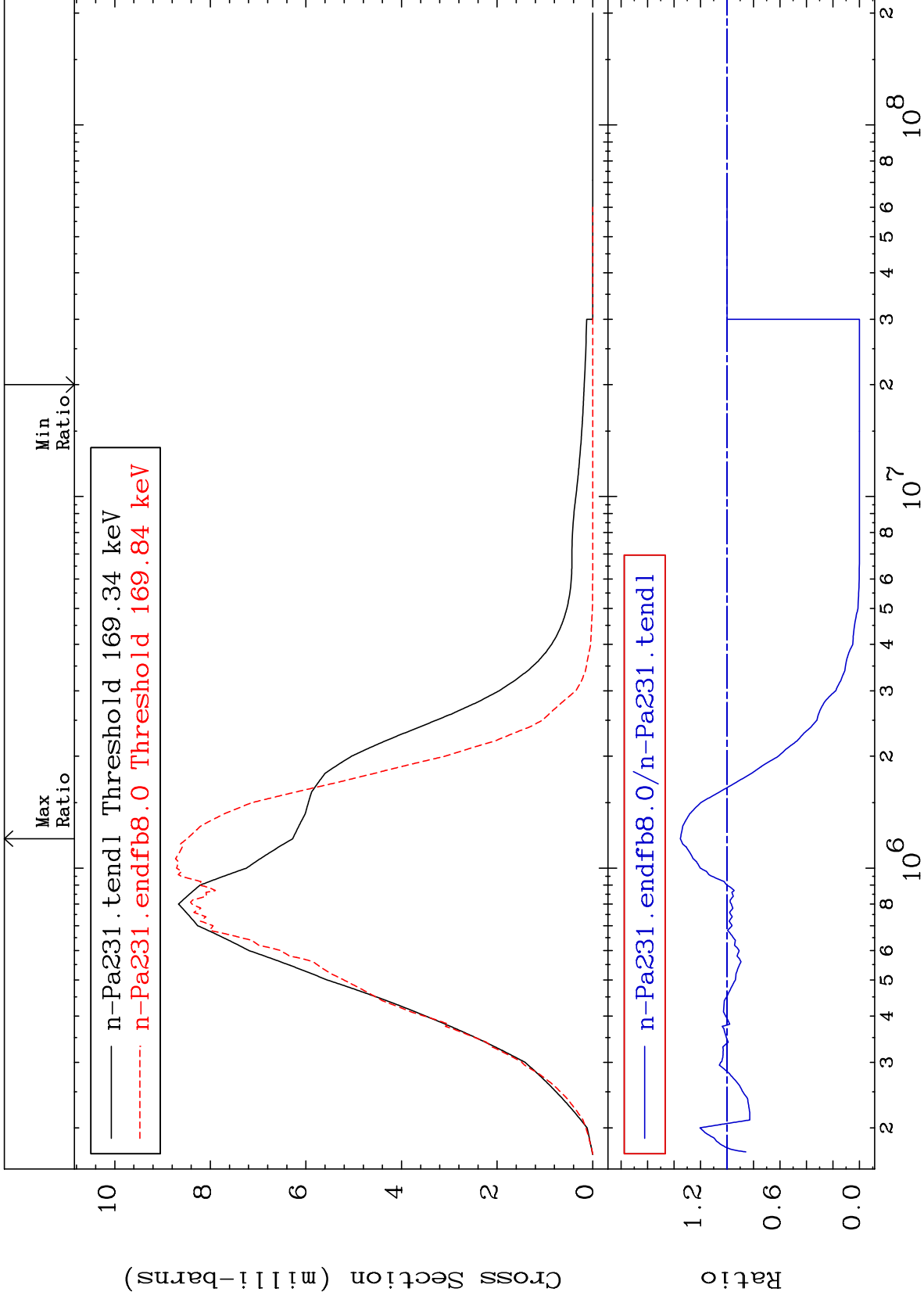
Incident Energy (eV)

91-Pa-231

MAT 9131

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

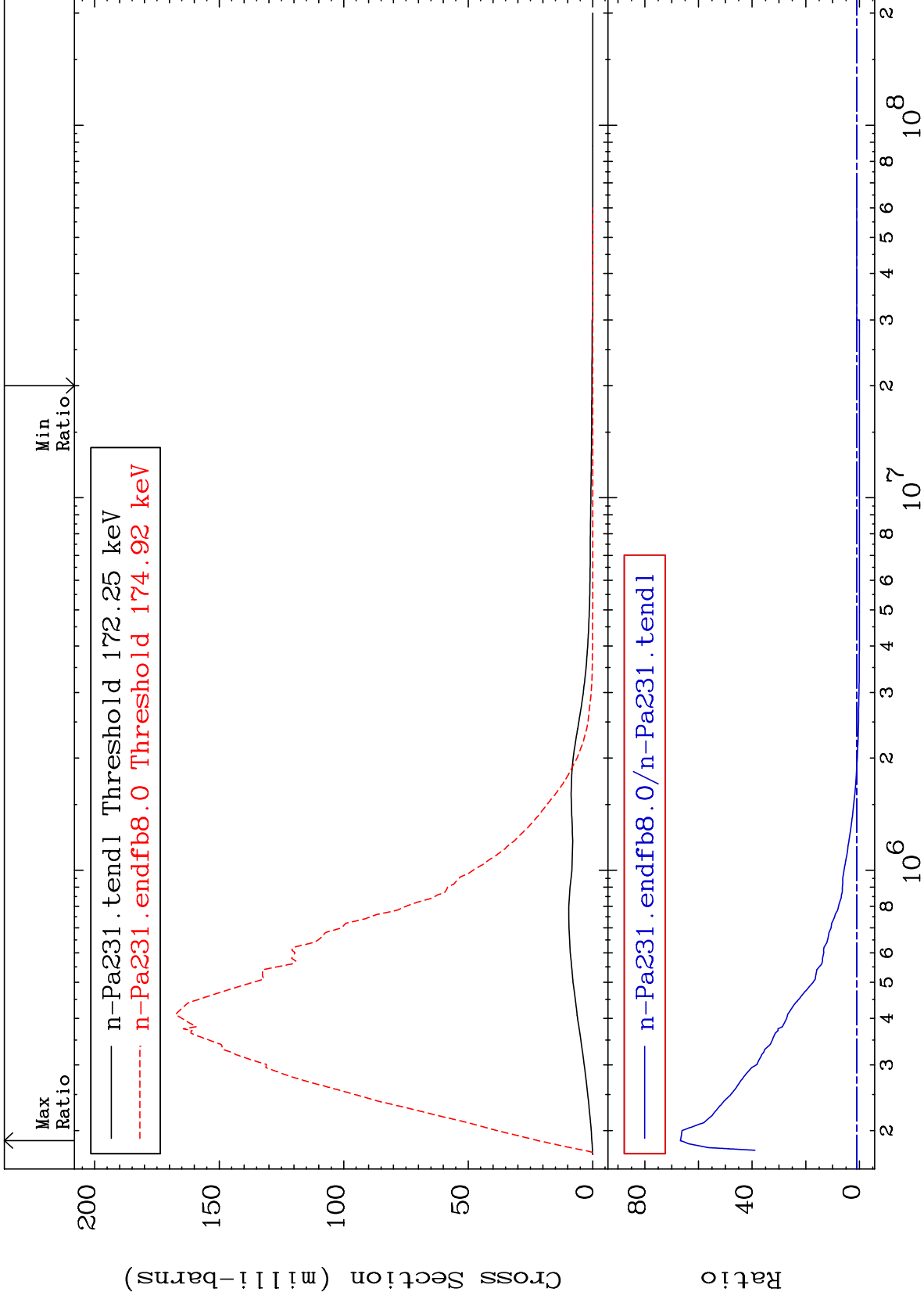
91-Pa-231
-100.0 To 35.19 %



MAT 9131

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

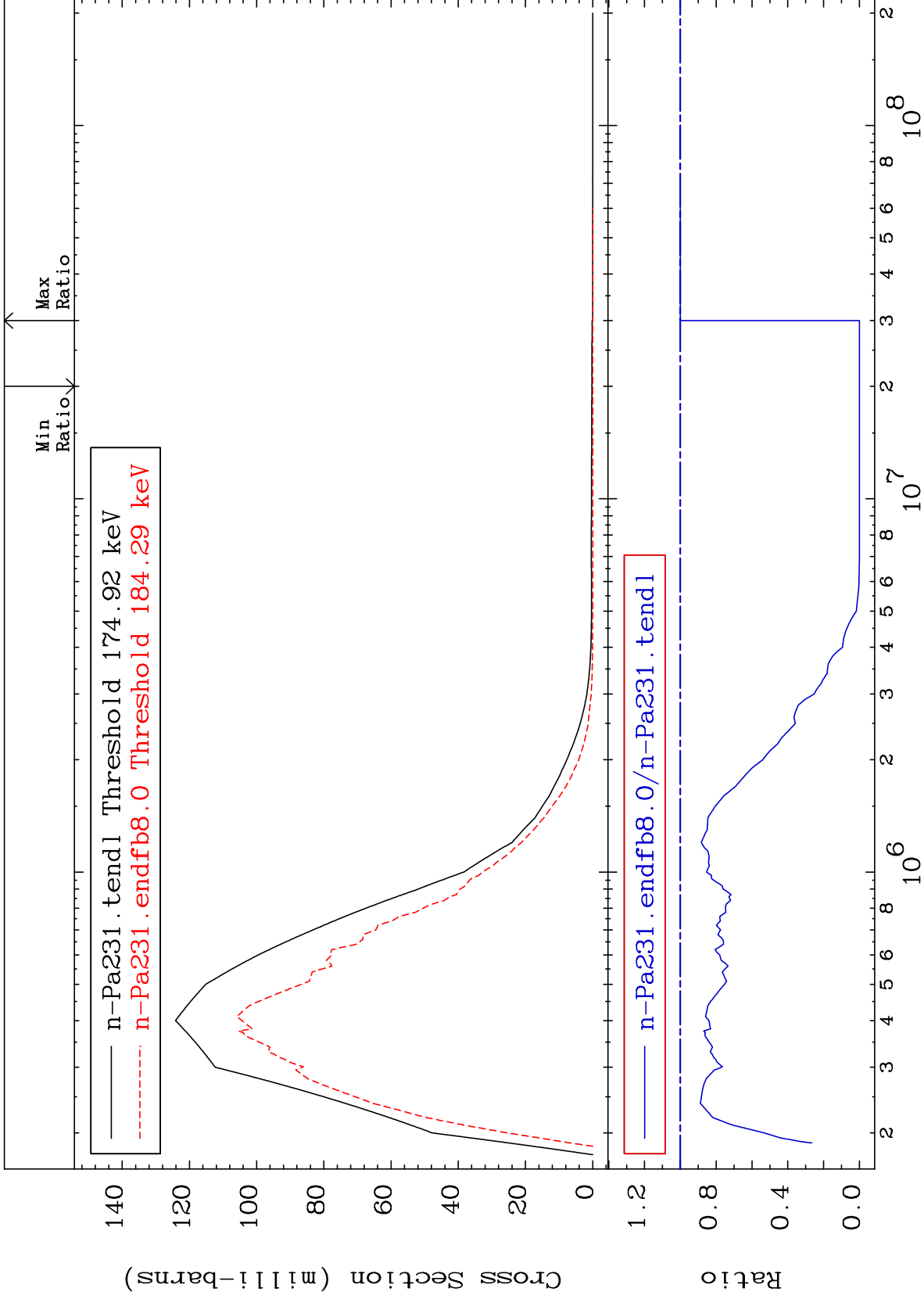
91-Pa-231
-100.0 To 6577. %



MAT 9131

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

91-Pa-231
-100.0 To 0.000 %



20

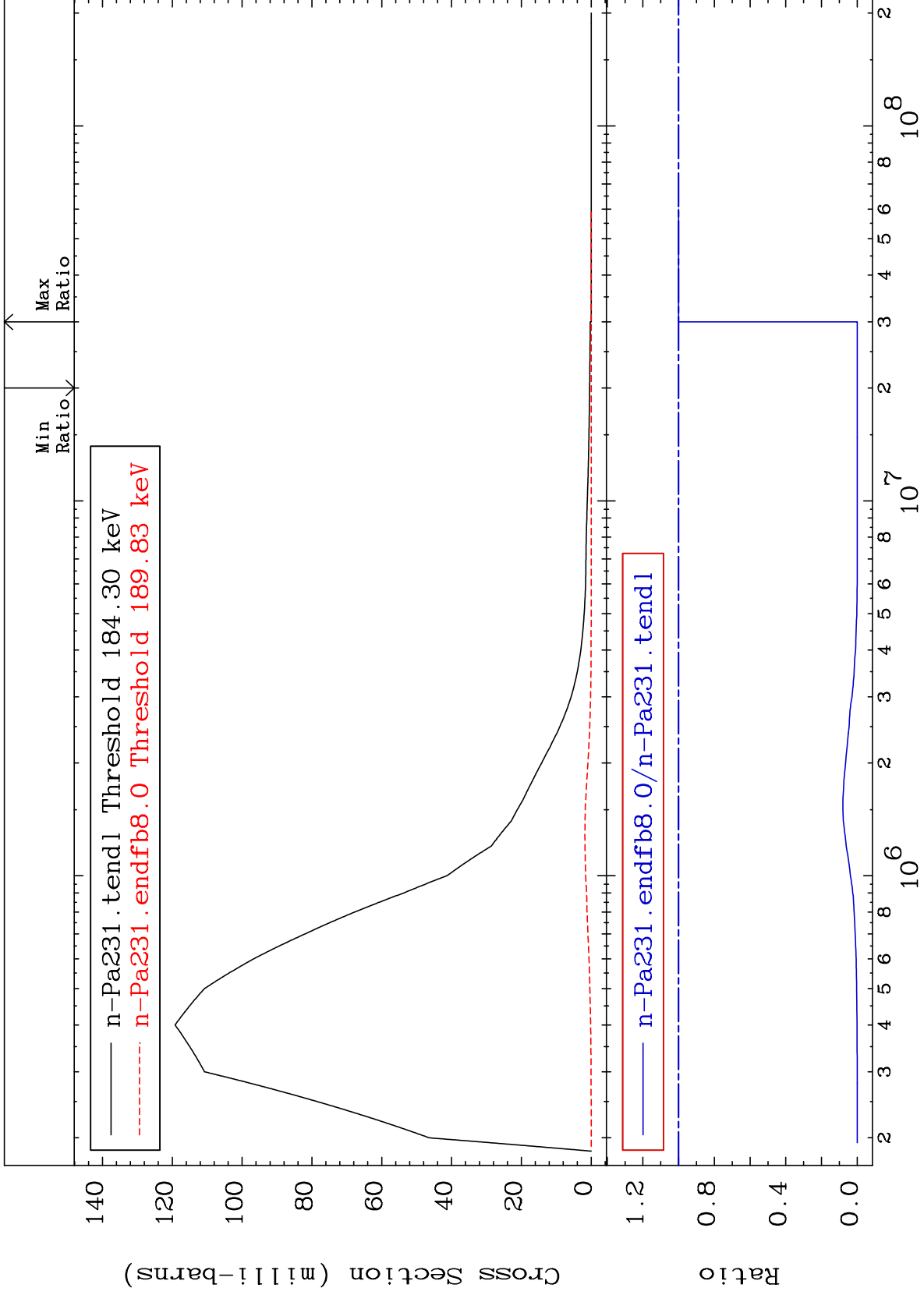
Incident Energy (eV)

91-Pa-231

MAT 9131

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

91-Pa-231
-100.0 To 0.000 %



21

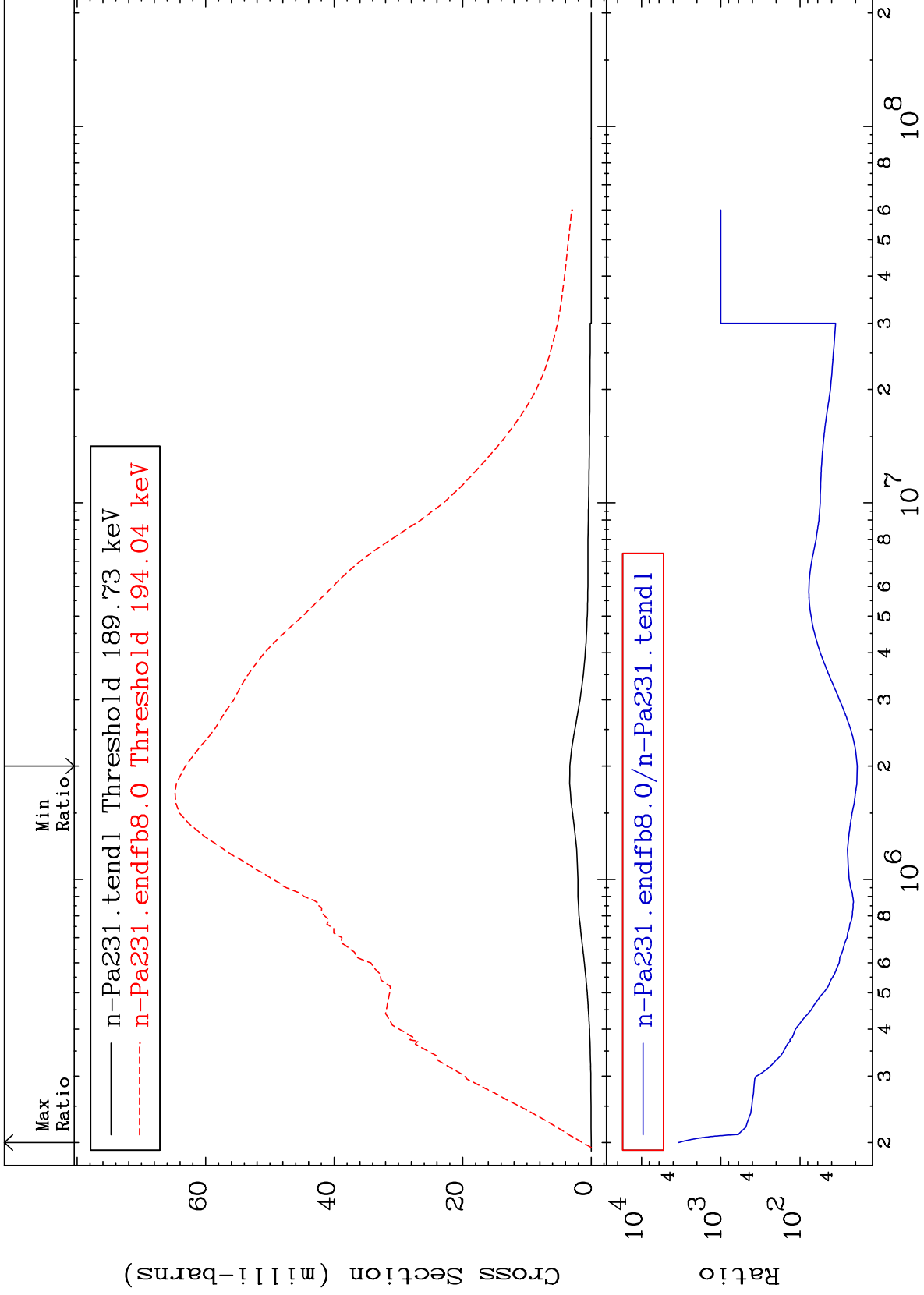
Incident Energy (eV)

91-Pa-231

MAT 9131

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

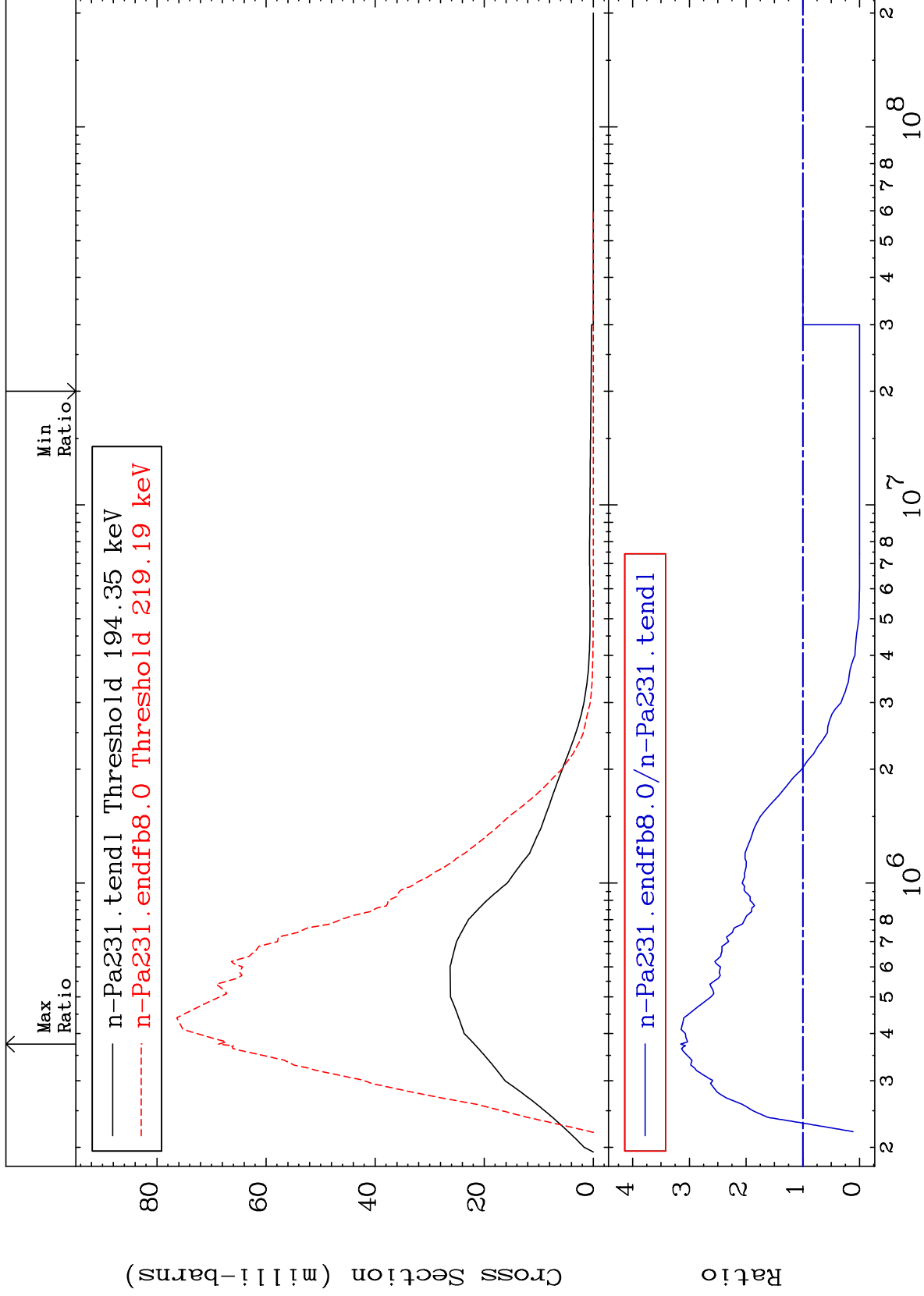
91-Pa-231
1802. To 9999. %



MAT 9131

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

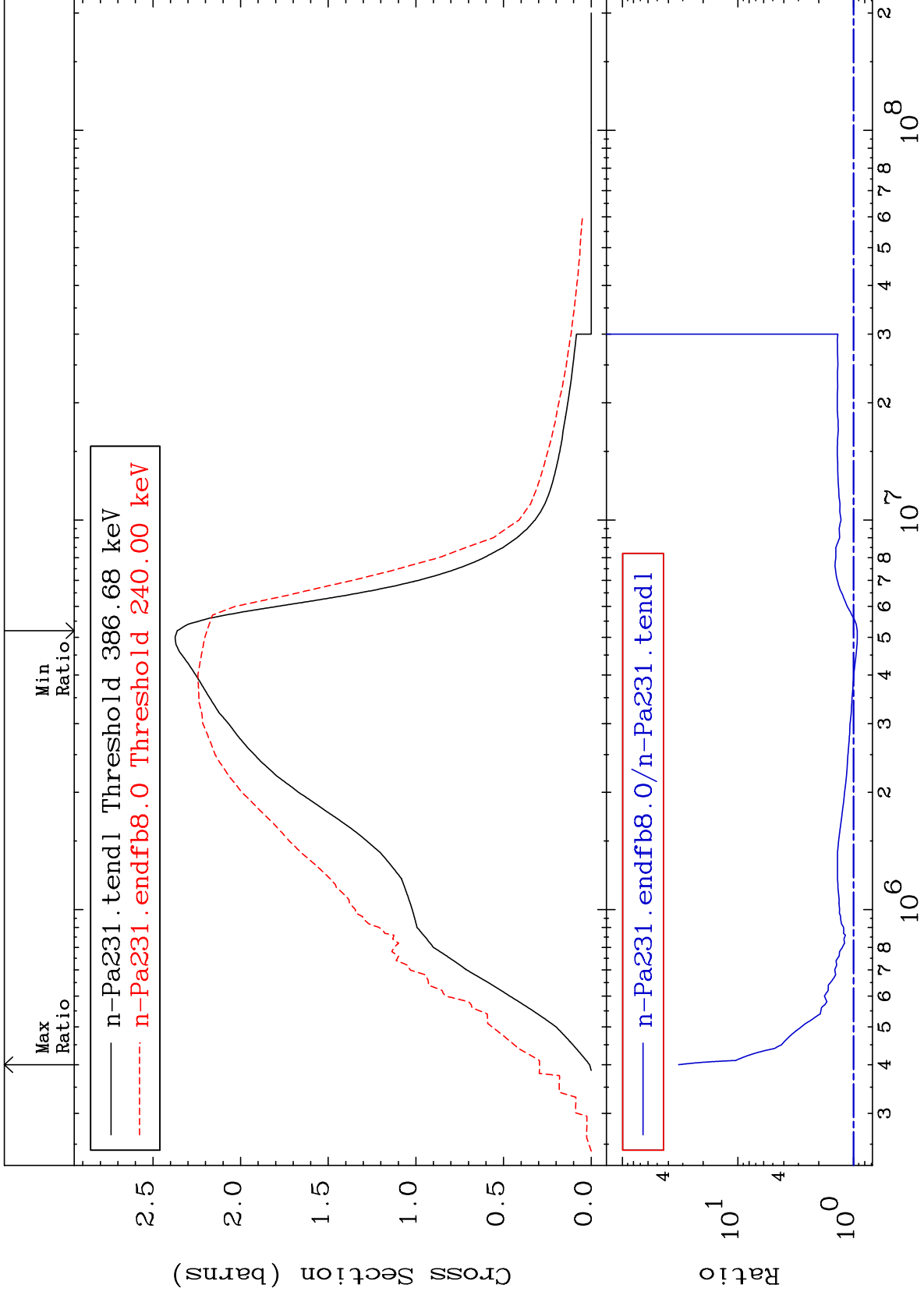
91-Pa-231
-100.0 To 215.2 %



MAT 9131

(n, n') Continuum
Cross Section

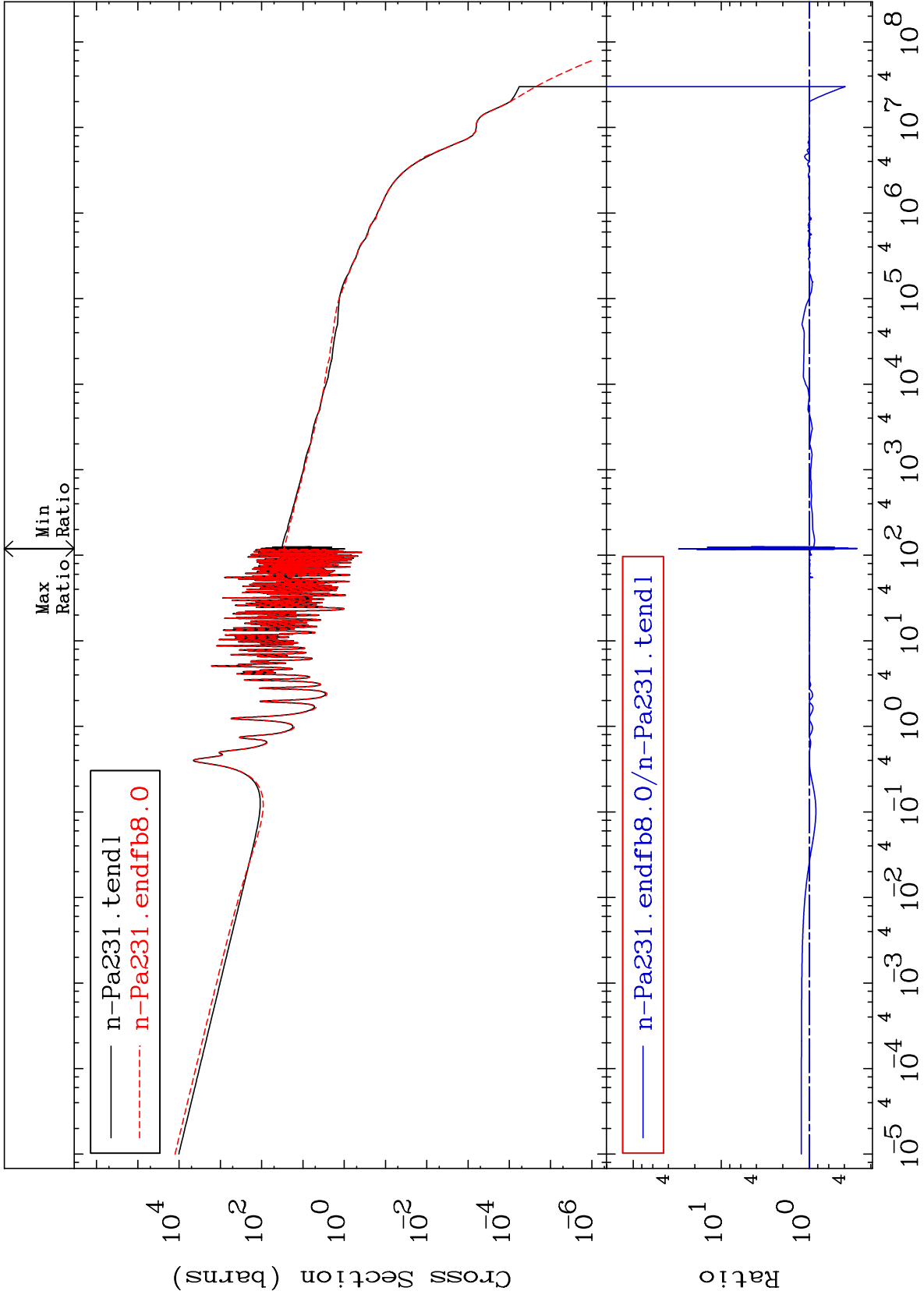
91-Pa-231
-7.192 To 3157. %



MAT 9131

(n, γ)
Cross Section

91-Pa-231
-71.50 To 2954. %



25

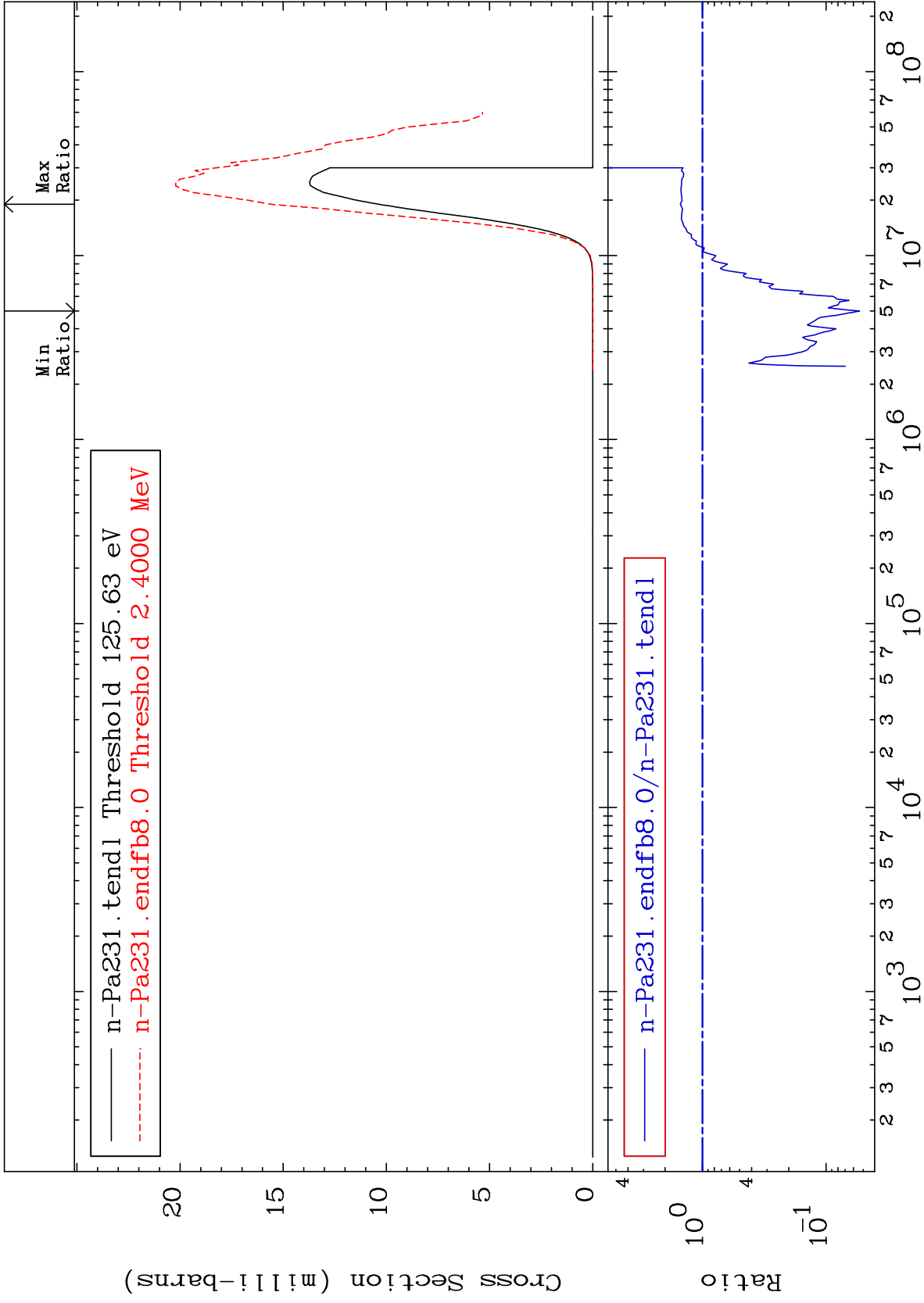
Incident Energy (eV)

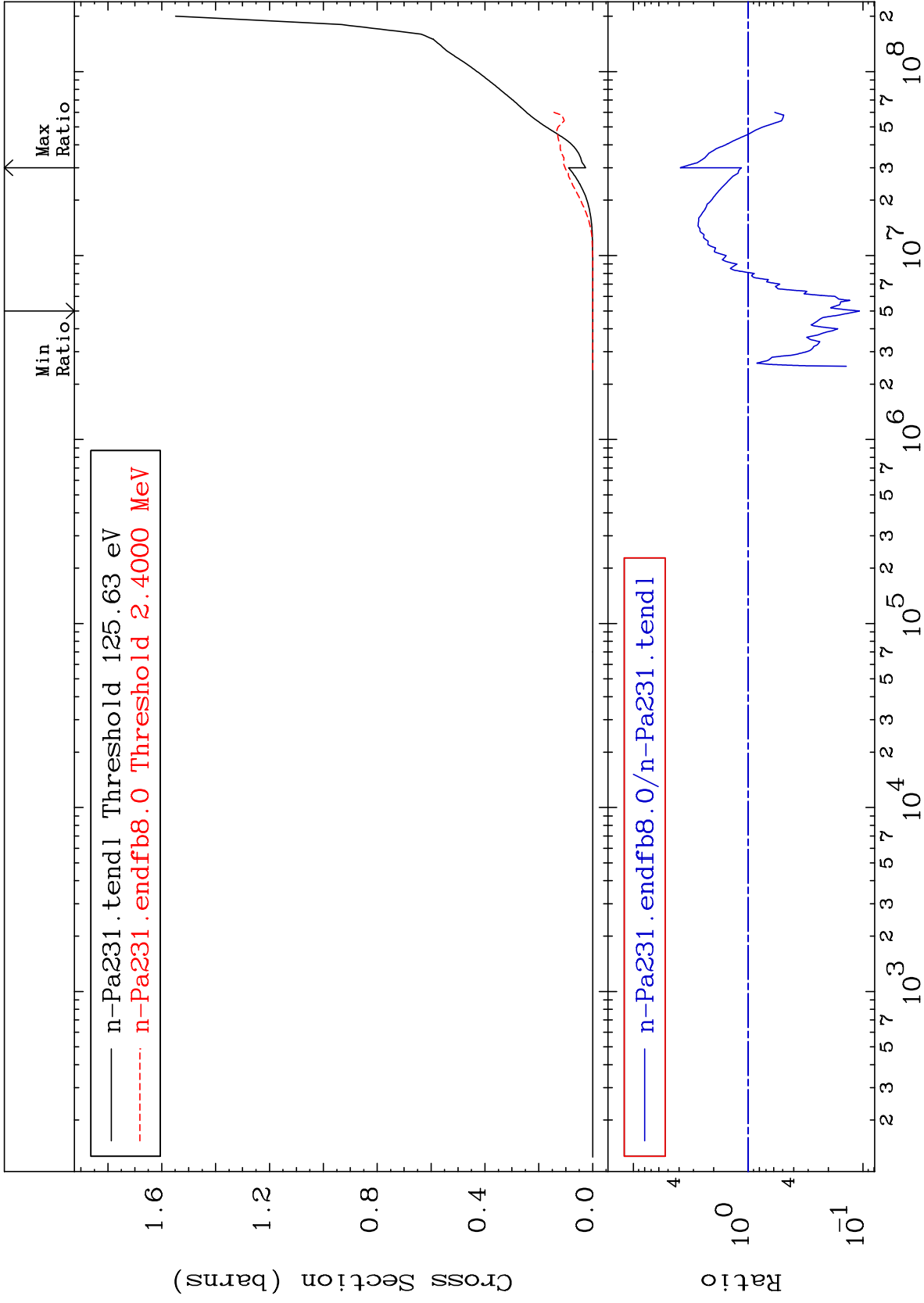
91-Pa-231

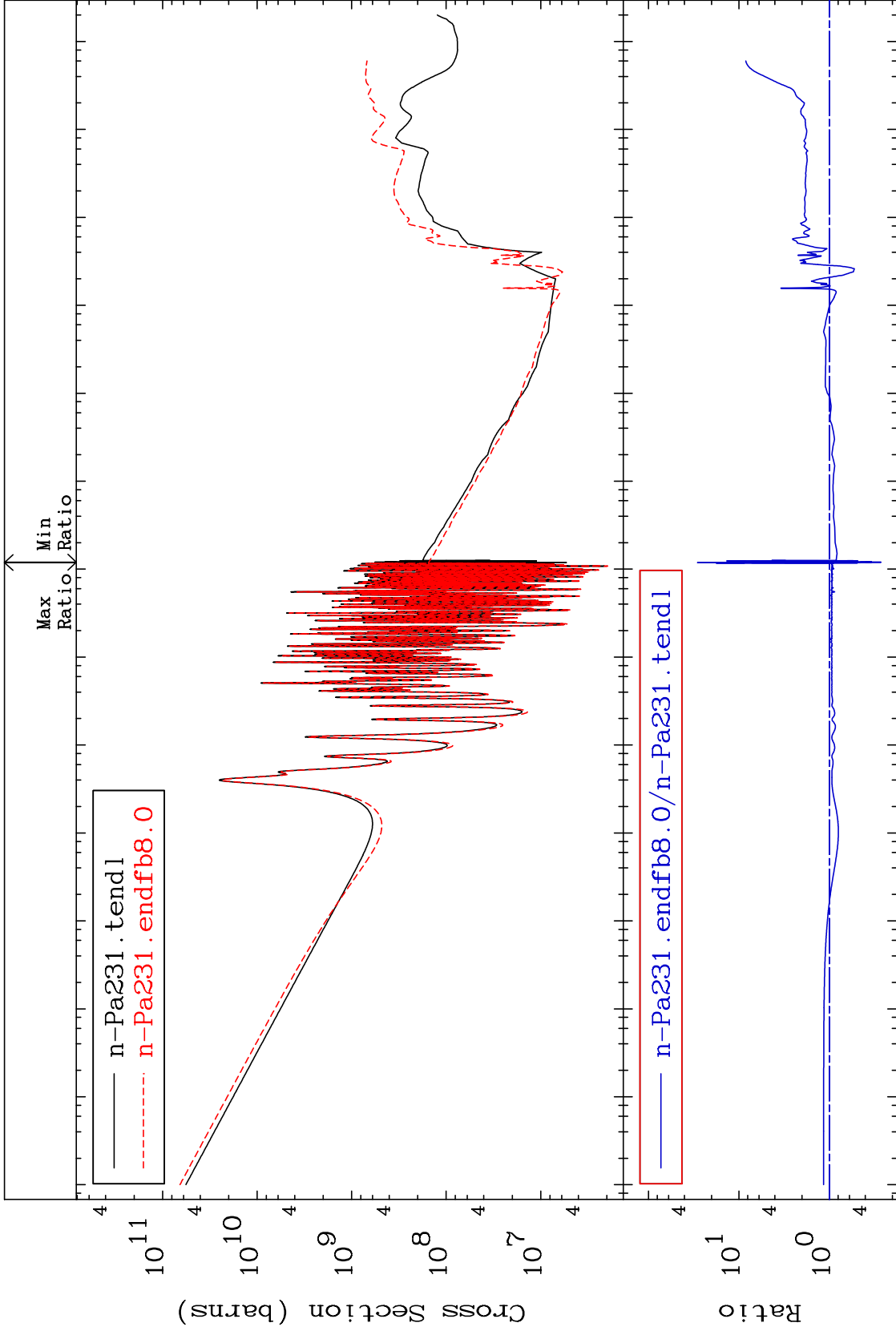
MAT 9131

(n,p)
Cross Section

91-Pa-231
-94.64 To 50.56 %



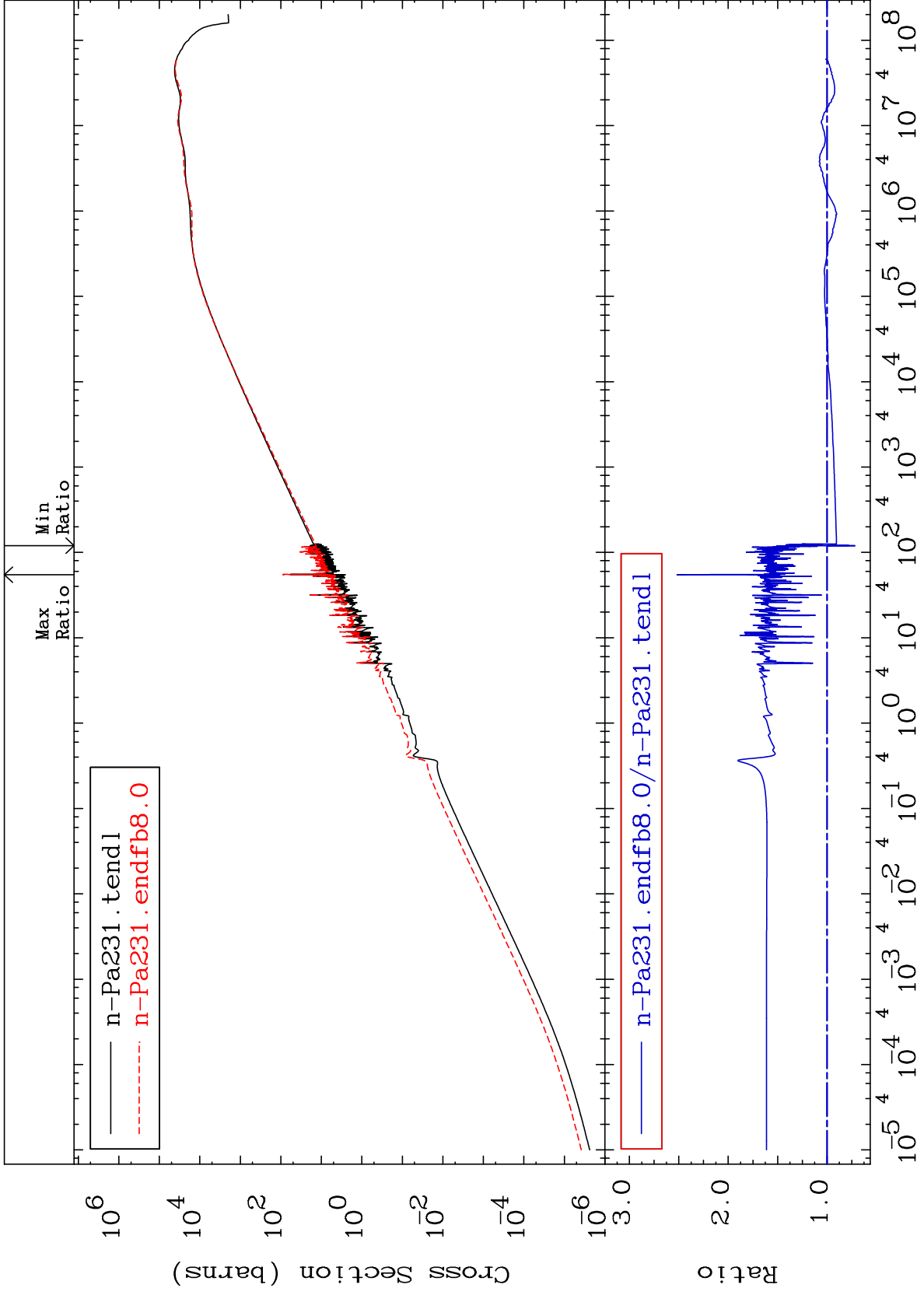


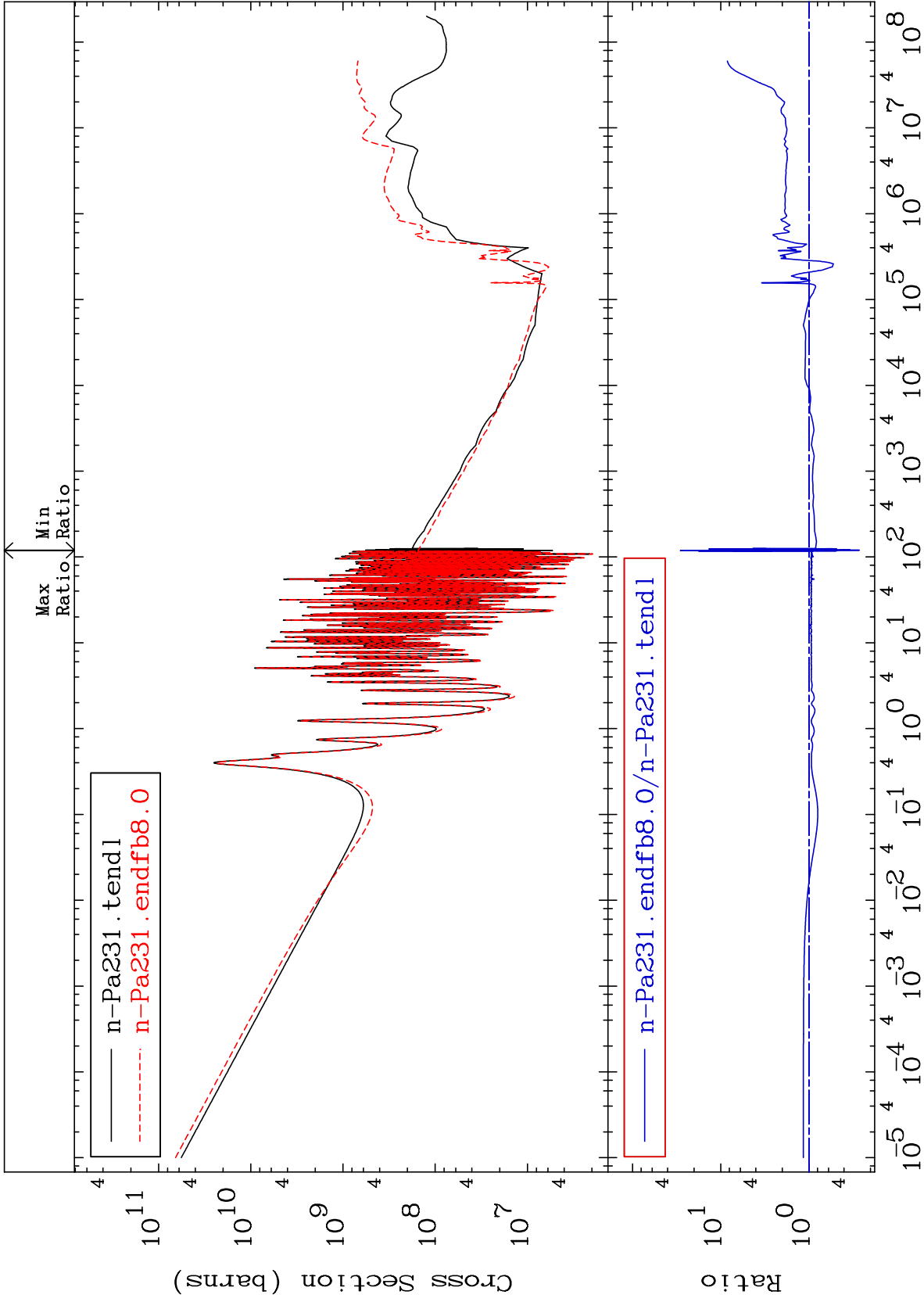


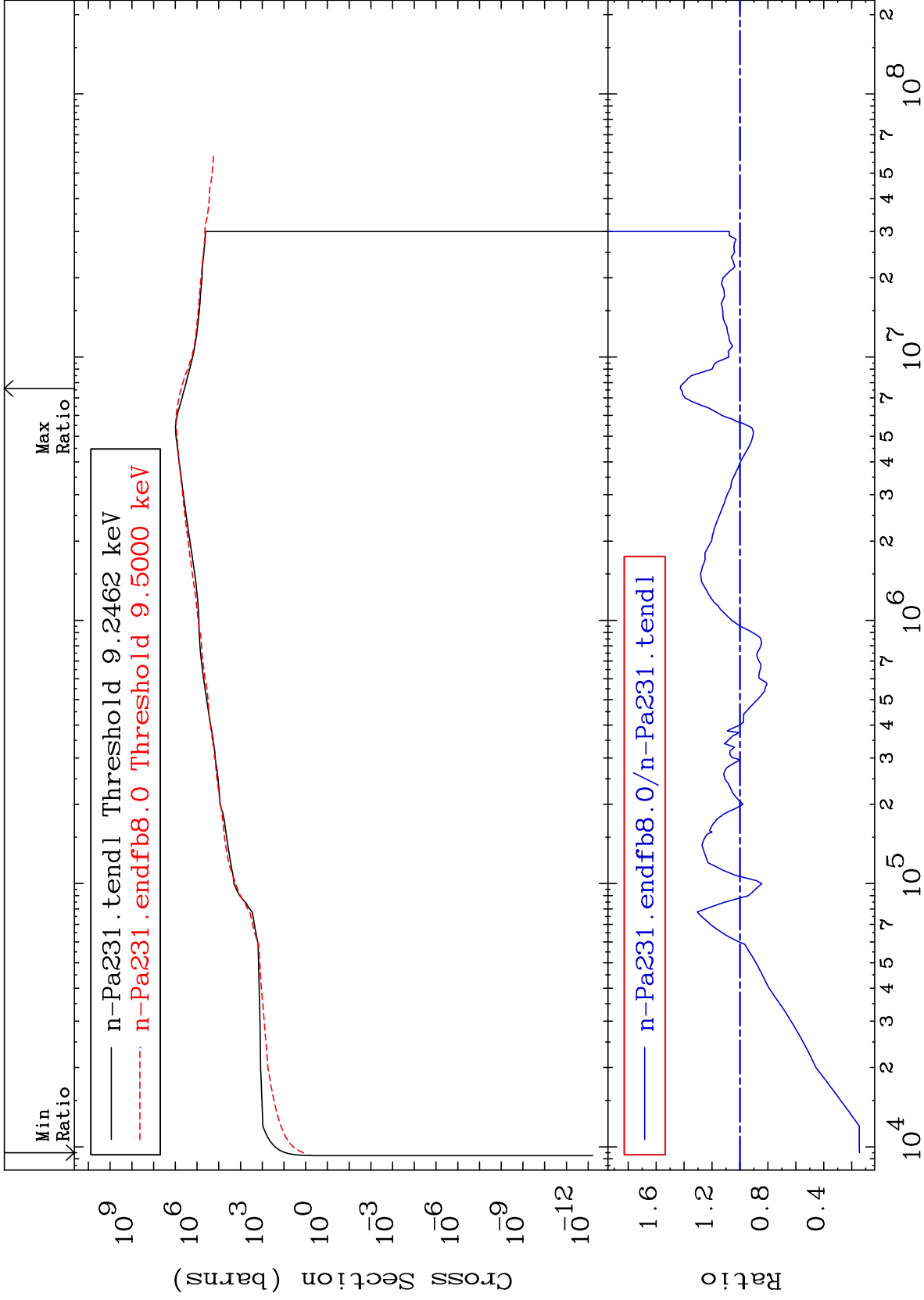
MAT 9131

Kerma elastic
Cross Section

91-Pa-231
-28.40 To 151.9 %



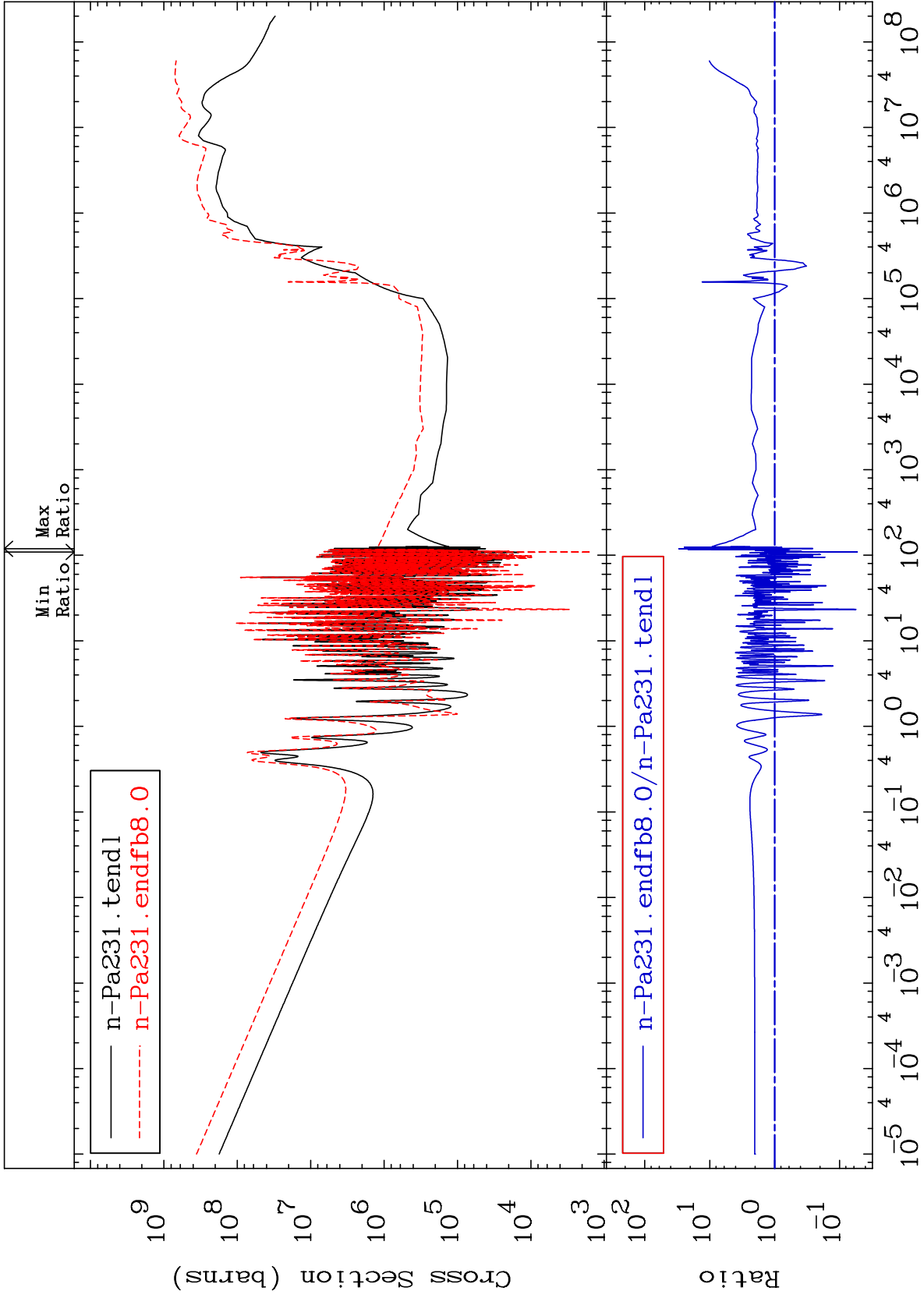


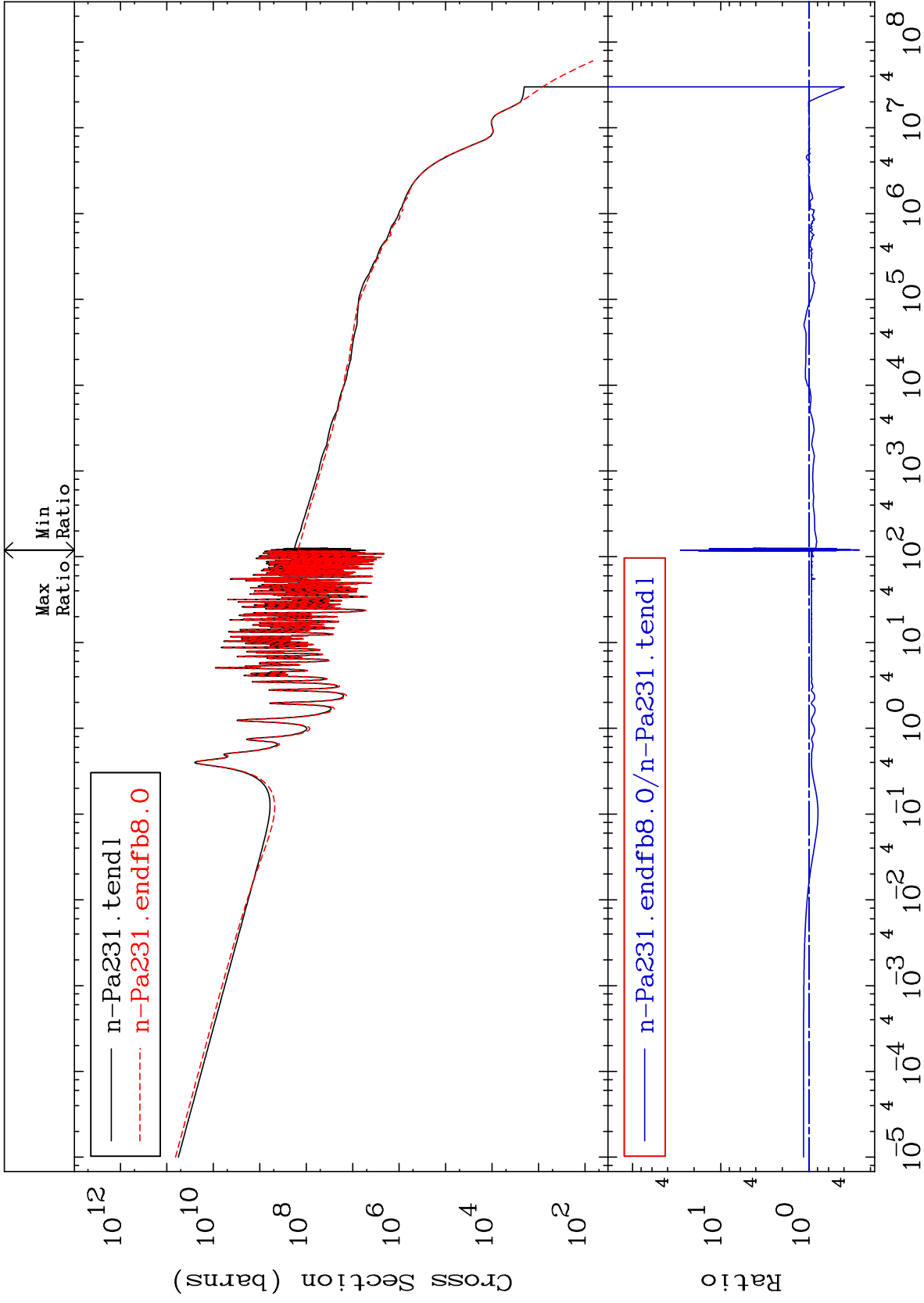


MAT 9131

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

91-Pa-231
-94.66 To 2910. %

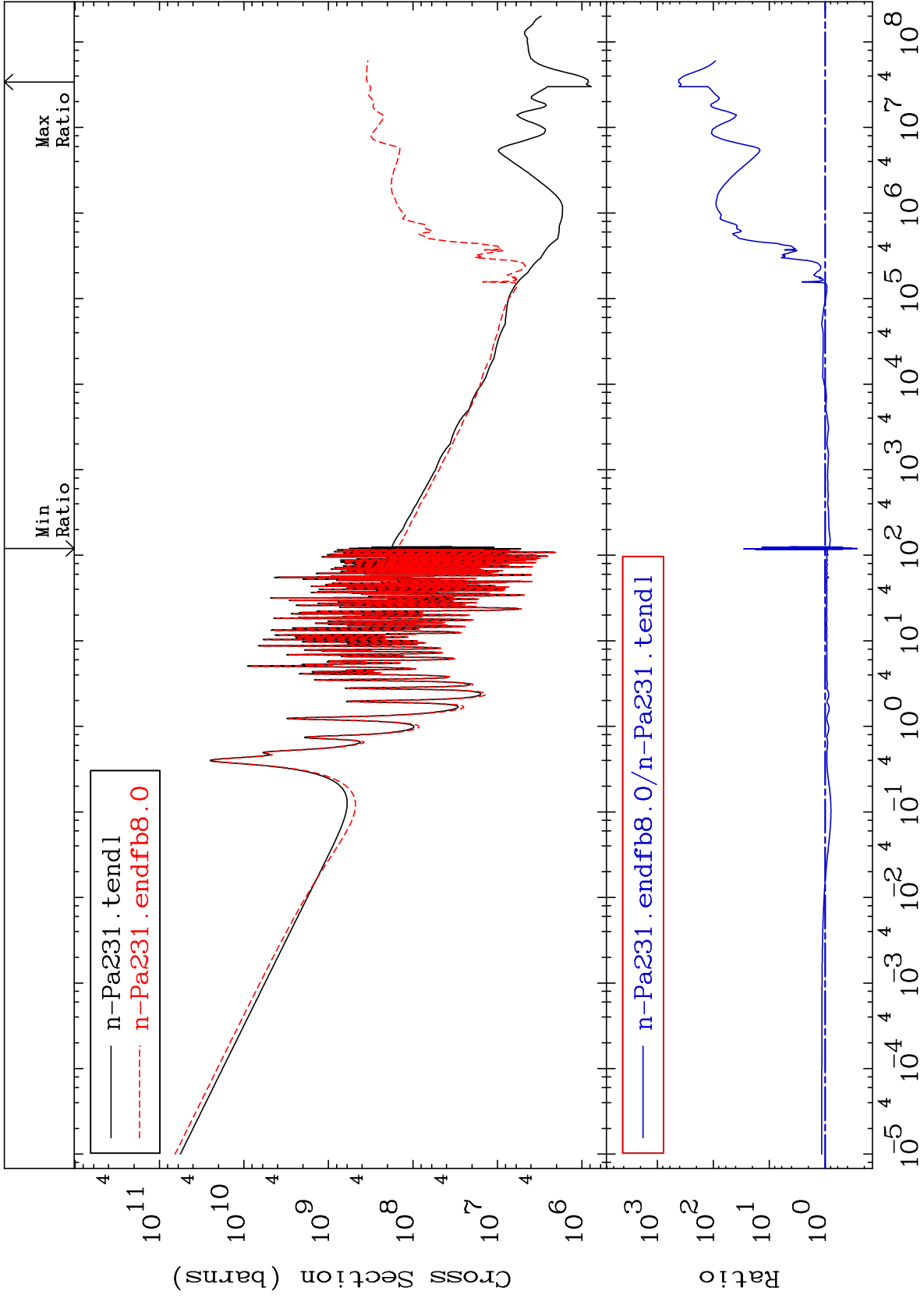


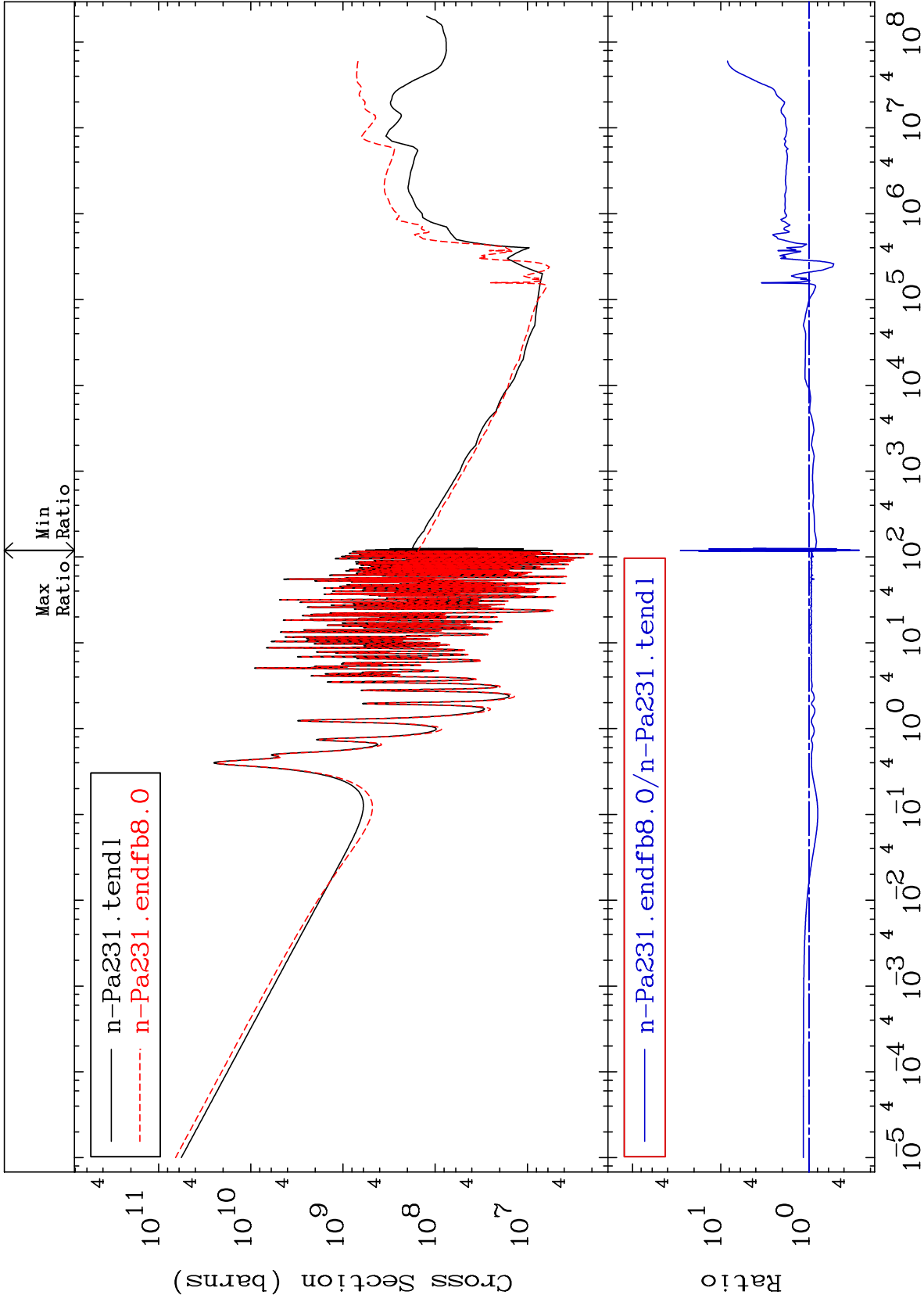


MAT 9131

Total photon (eV-barns)
Cross Section

91-Pa-231
-73.14 To 9999. %





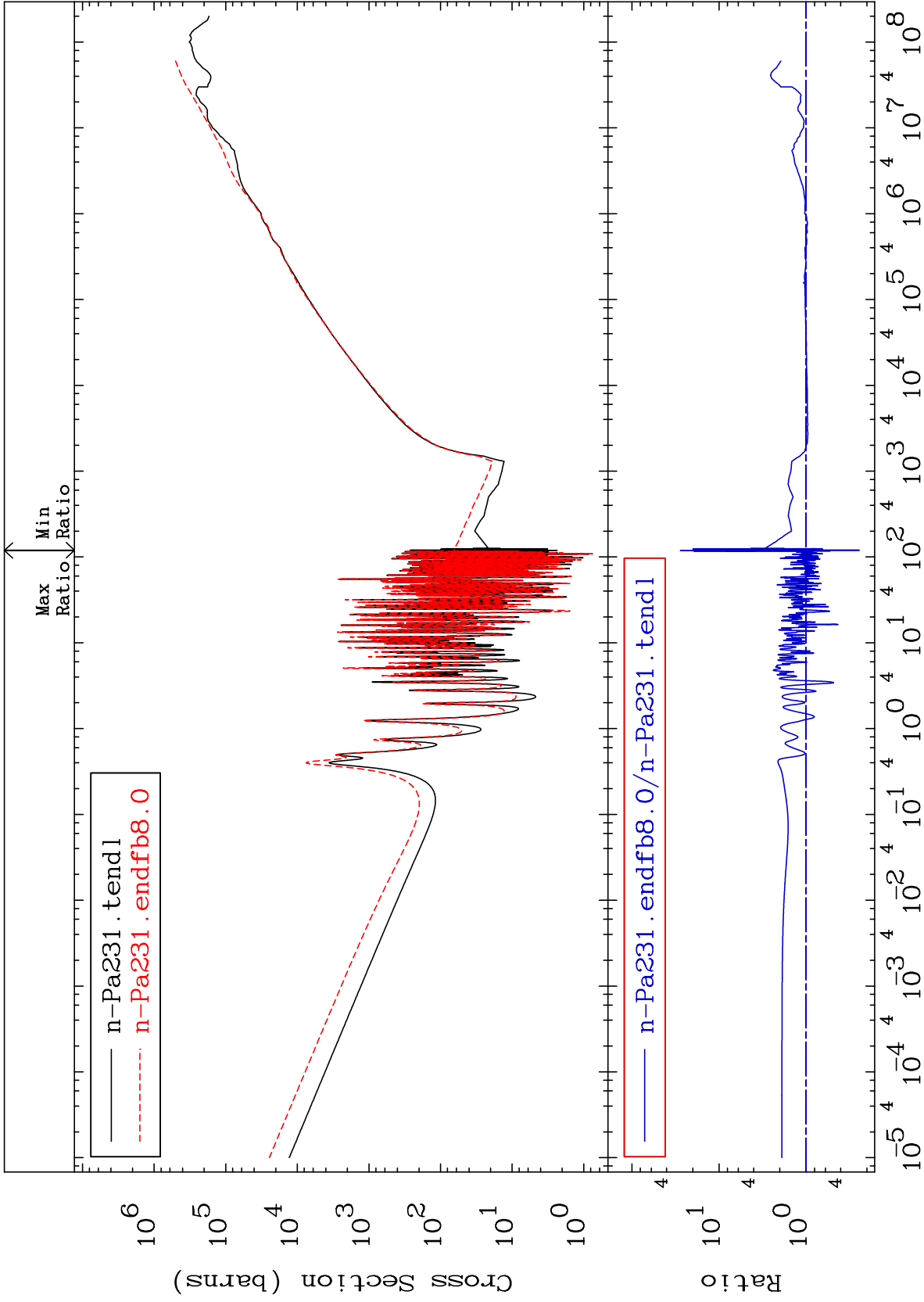
MAT 9131

Dpa total (eV-barns)

91-Pa-231

-75.60 To 2679. %

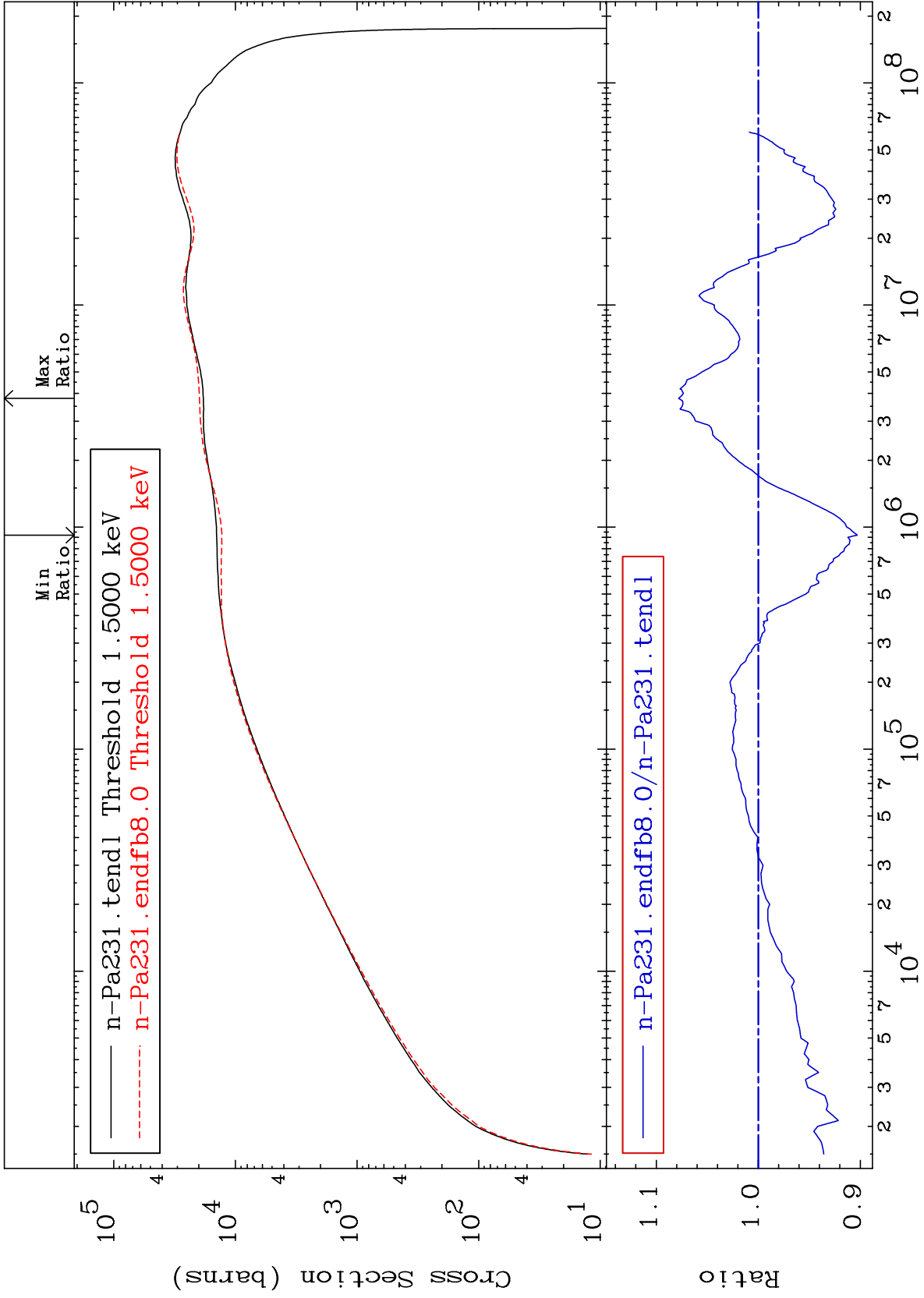
Cross Section

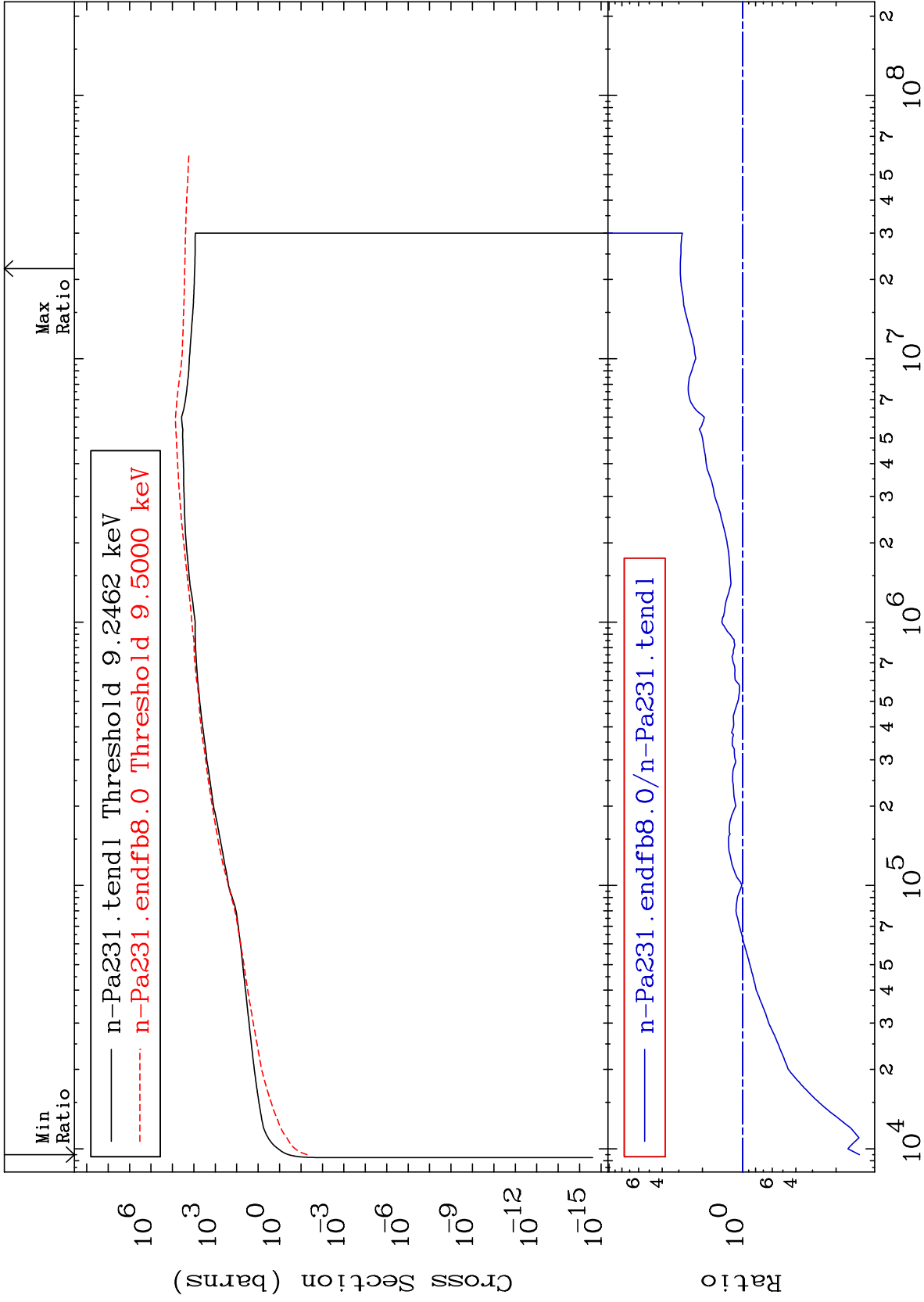


MAT 9131

Dpa elastic (mt2)
Cross Section

91-Pa-231
-9.704 To 7.806 %





MAT 9131

Dpa disappearance (mt102 -120)
Cross Section

91-Pa-231
-69.09 To 8638. %

