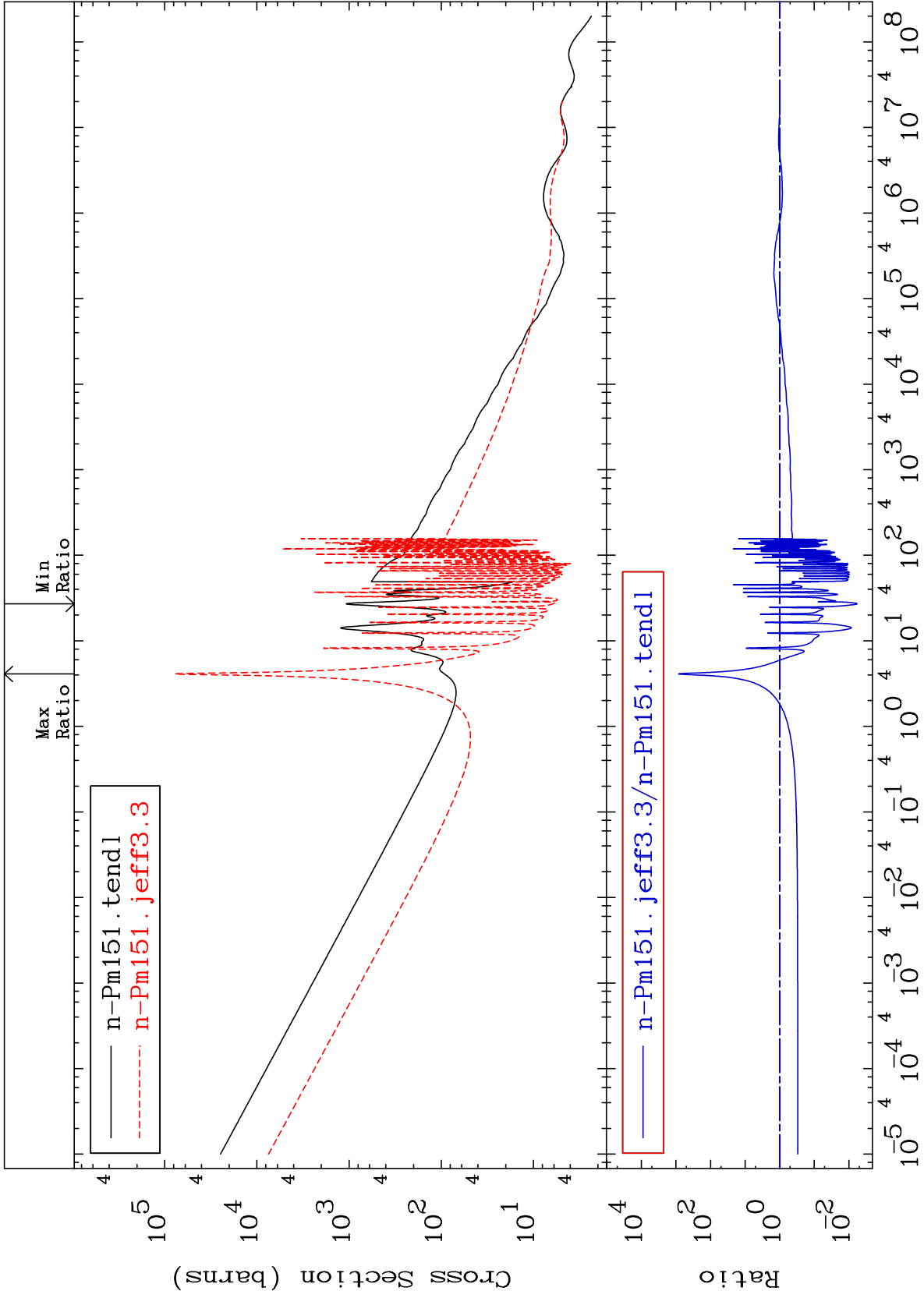


MAT 6161

Total Cross Section
61-Pm-151
-99.43 To 9999. %

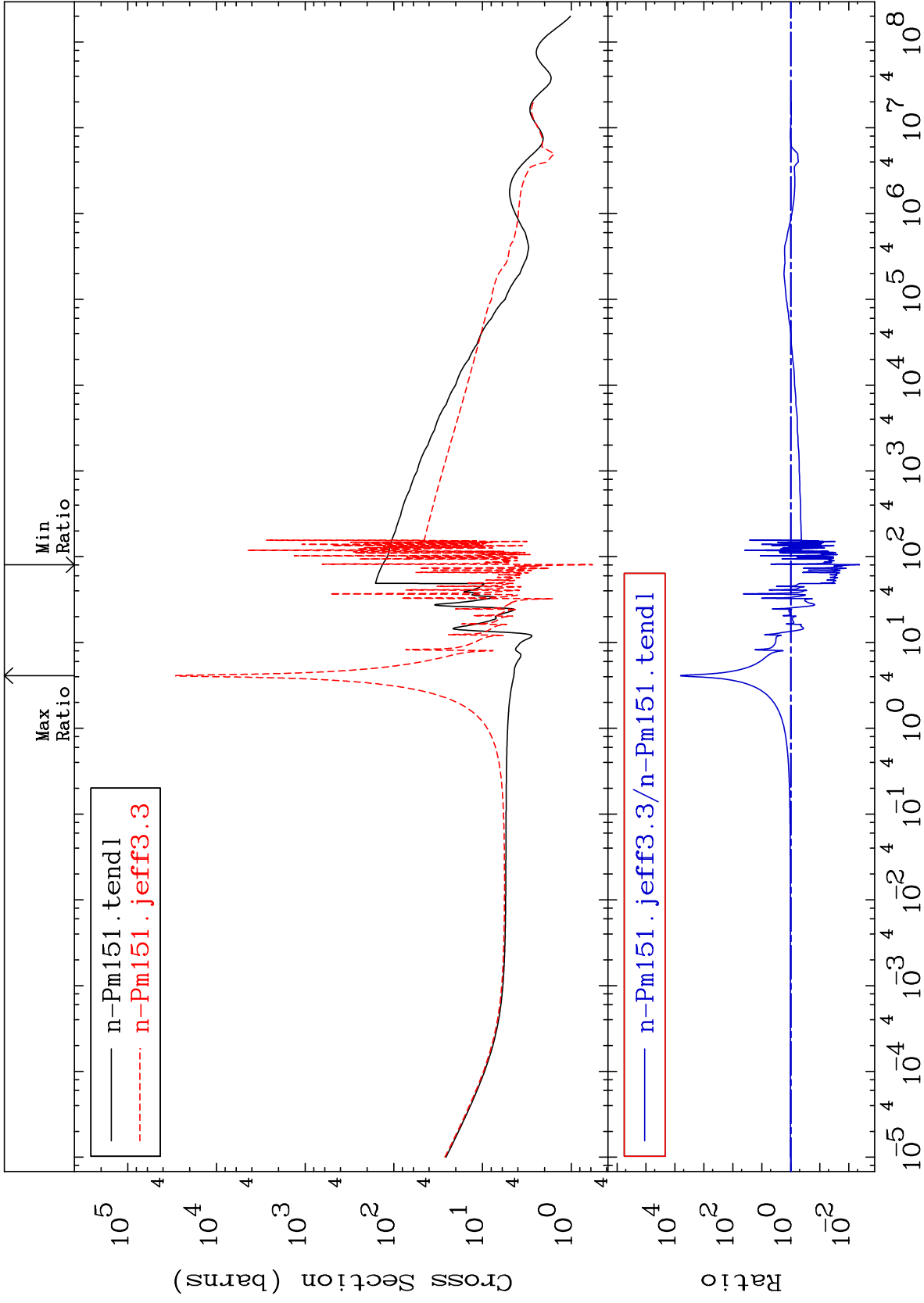


Incident Energy (eV)

61-Pm-151

MAT 6161

Elastic Cross Section
61-Pm-151
-99.57 To 9999. %



Incident Energy (eV)

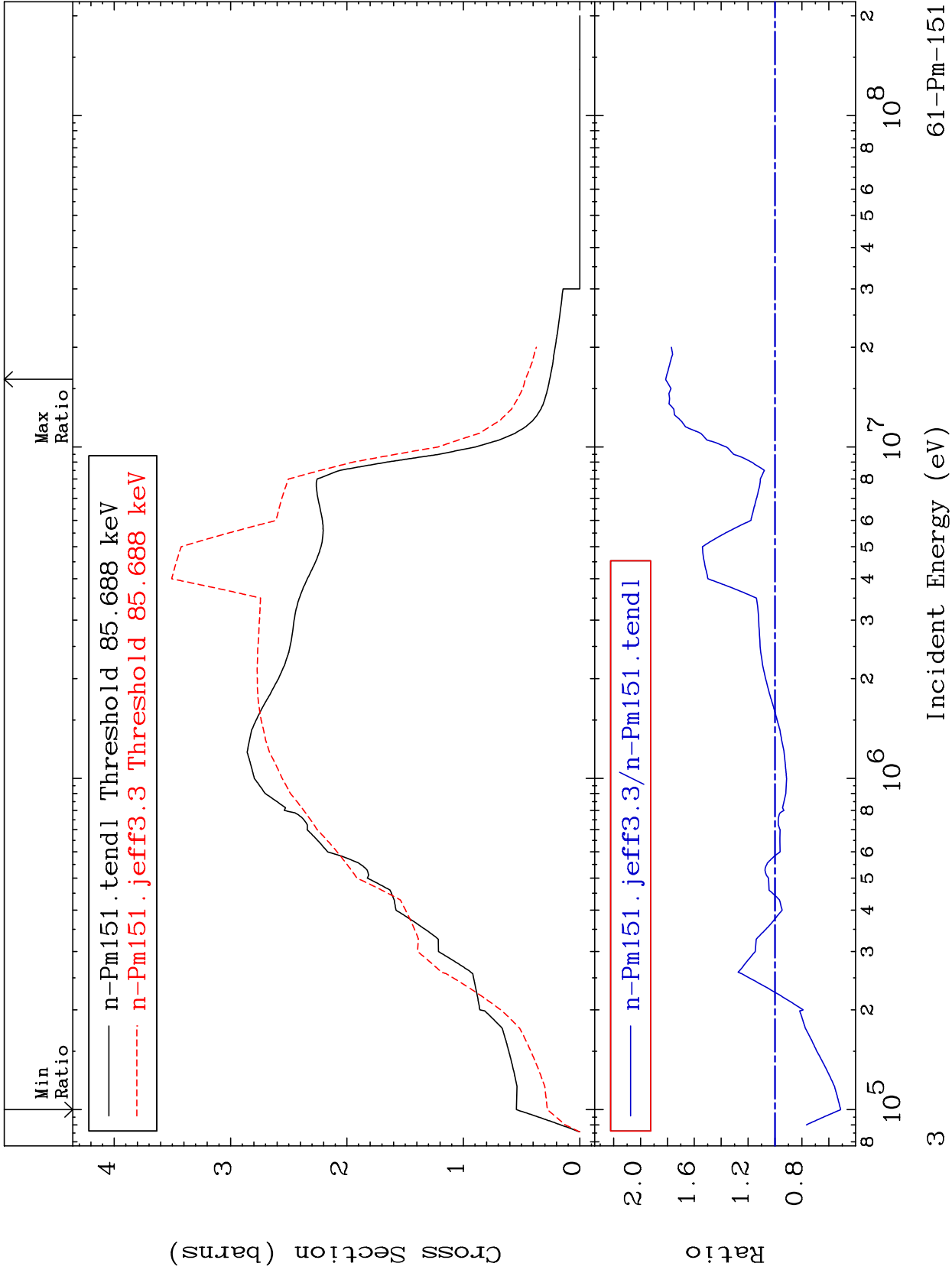
61-Pm-151

2

MAT 6161

Inelastic
Cross Section

61-Pm-151
-48.76 To 81.41 %



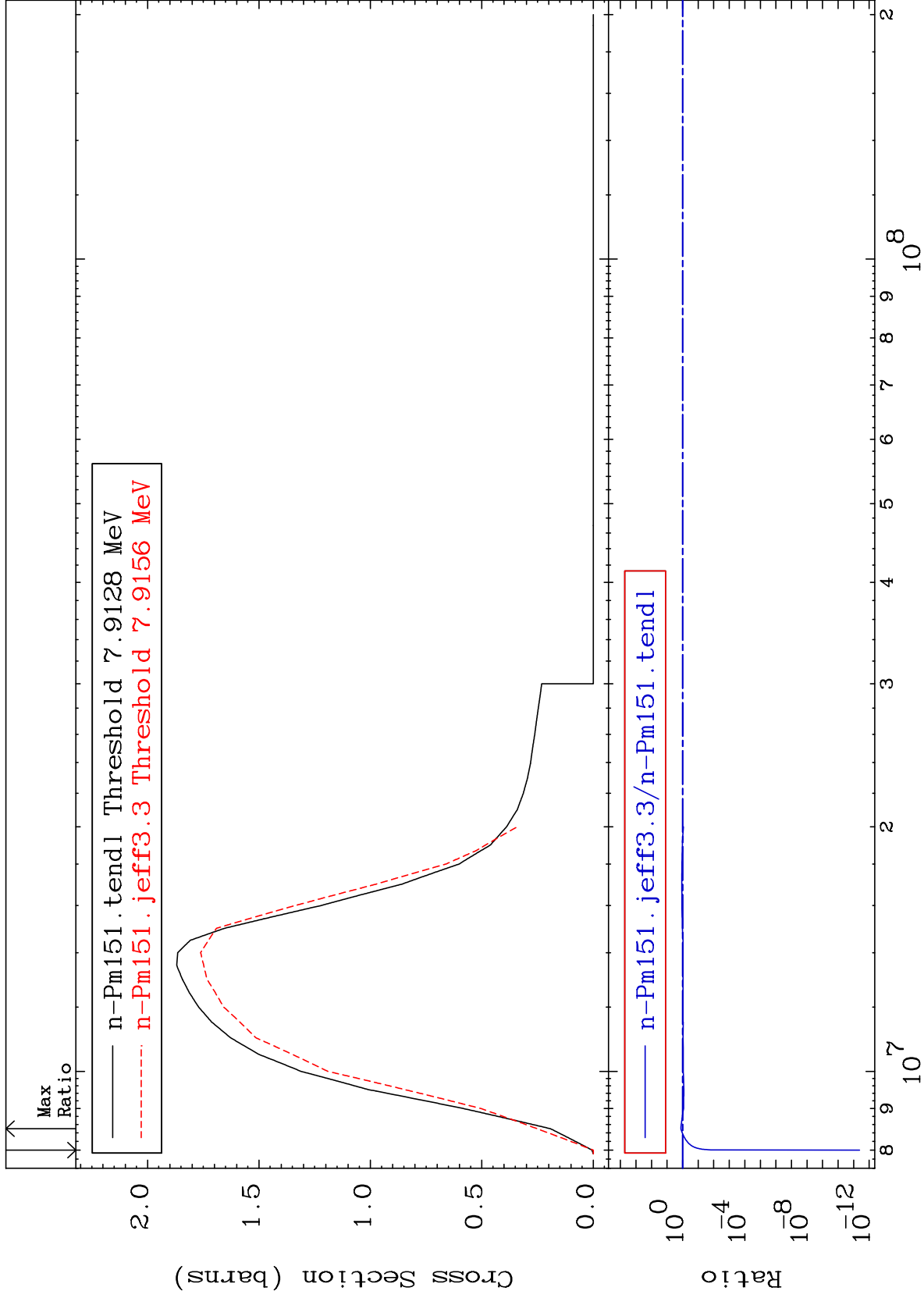
MAT 6161

(n,2n)

61-Pm-151

Cross Section

-100.0 To 31.21 %



4

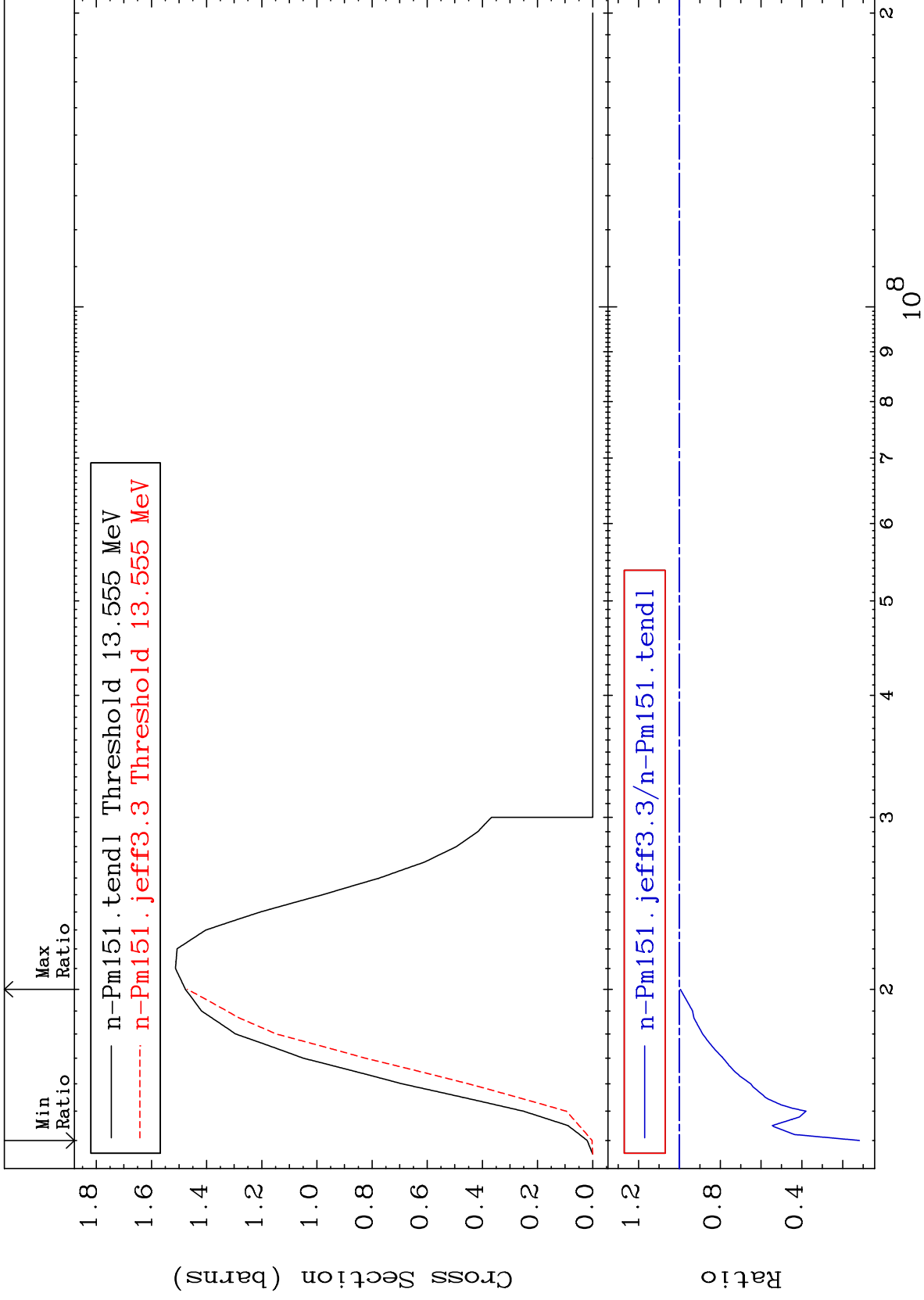
Incident Energy (eV)

61-Pm-151

MAT 6161

(n,3n)
Cross Section

61-Pm-151
-88.12 To -0.476%



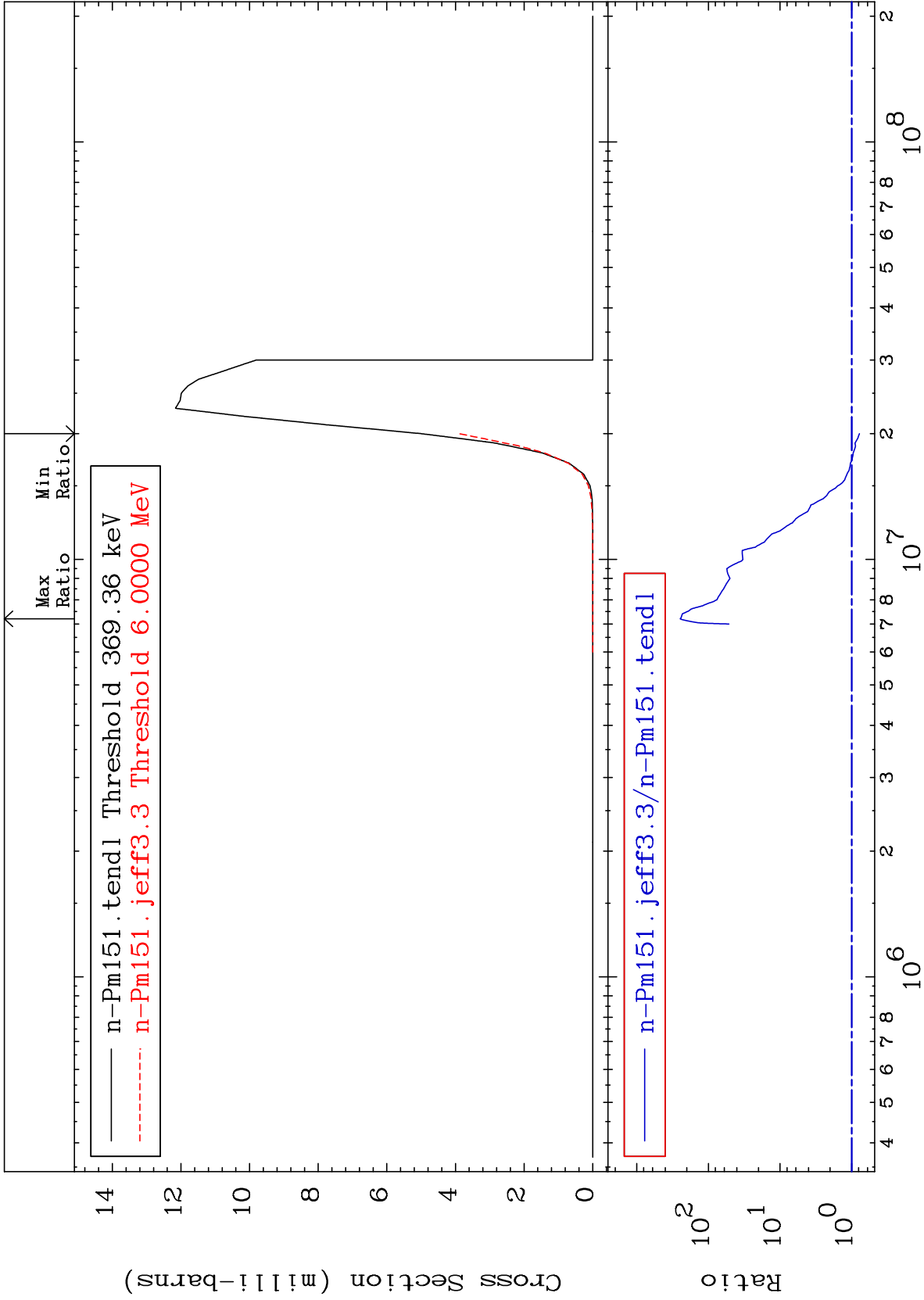
MAT 6161

(n, n') α

61-Pm-151

Cross Section

-22.02 To 9999. %



6

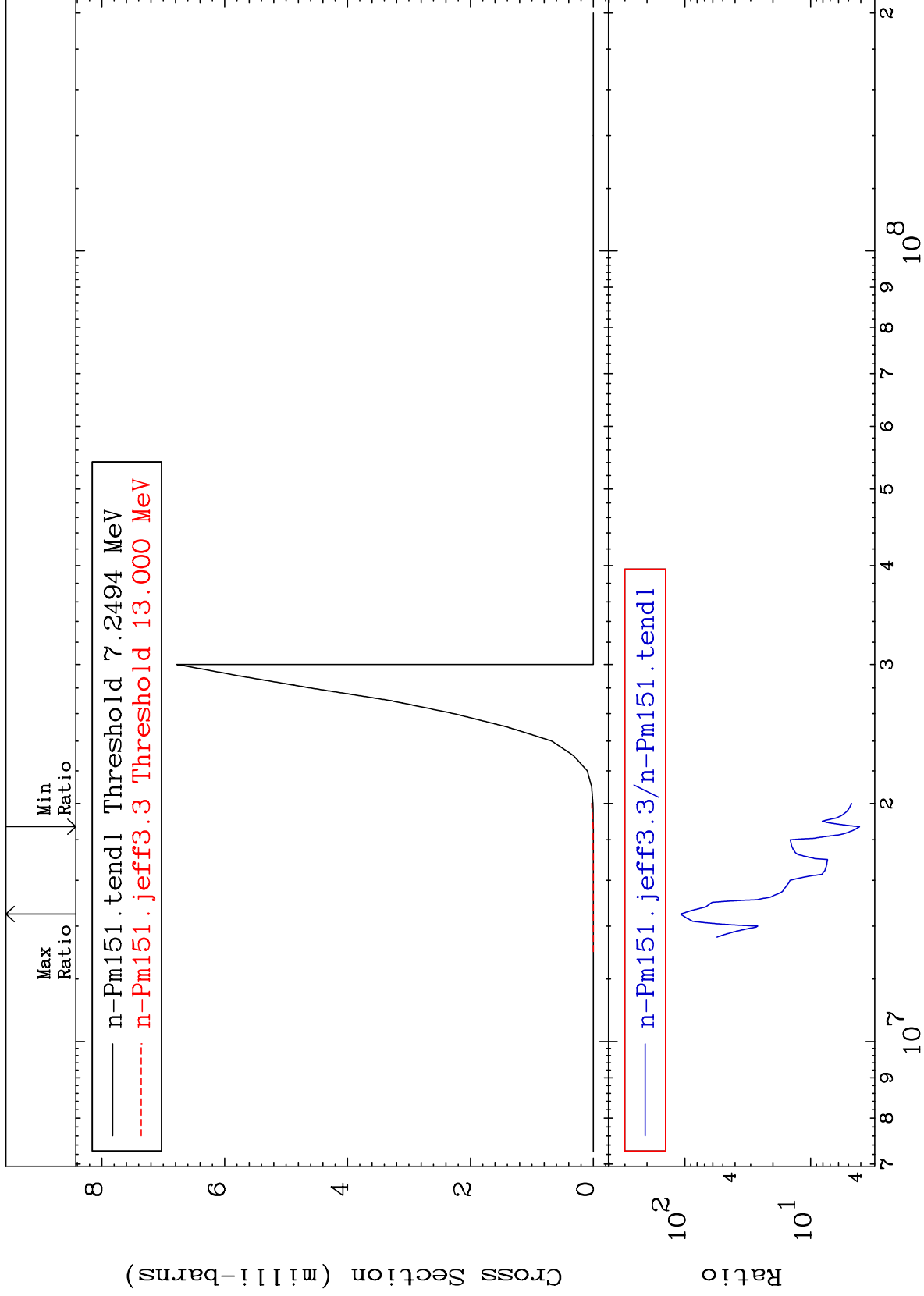
Incident Energy (eV)

61-Pm-151

MAT 6161

(n,2n) α
Cross Section

61-Pm-151
309.1 To 9999. %



7

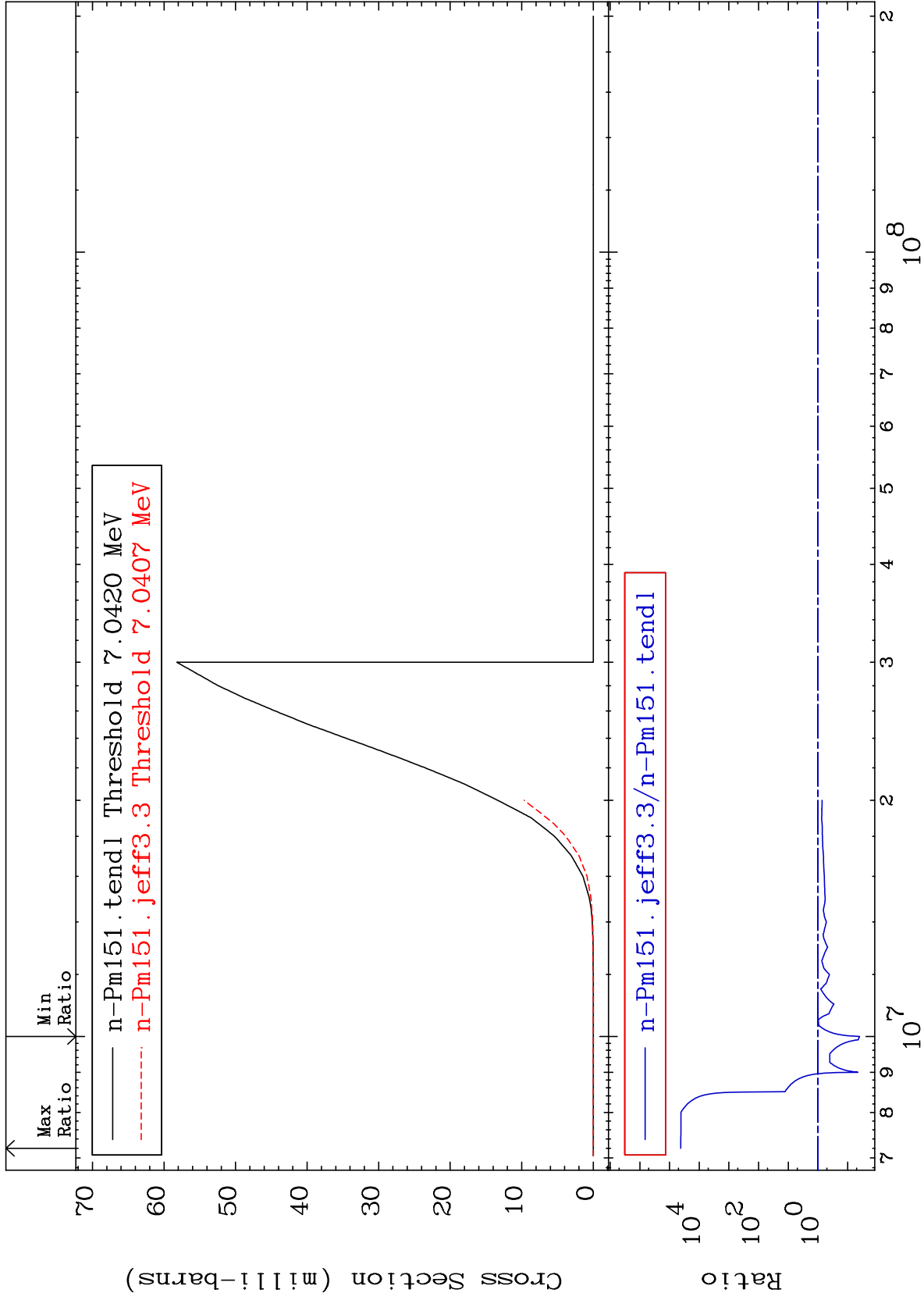
Incident Energy (eV)

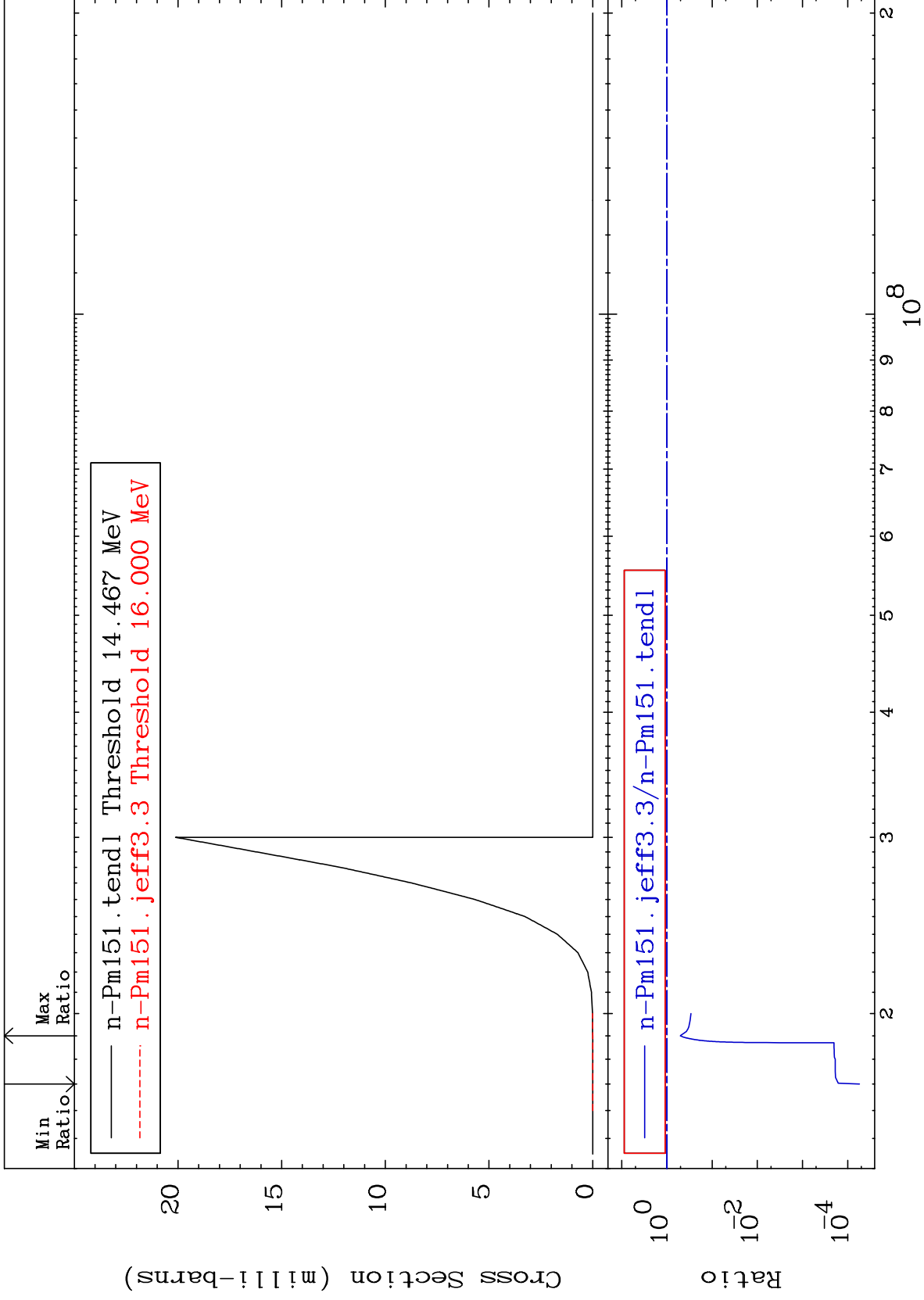
61-Pm-151

MAT 6161

(n,n') p
Cross Section

61-Pm-151
-96.03 To 9999. %

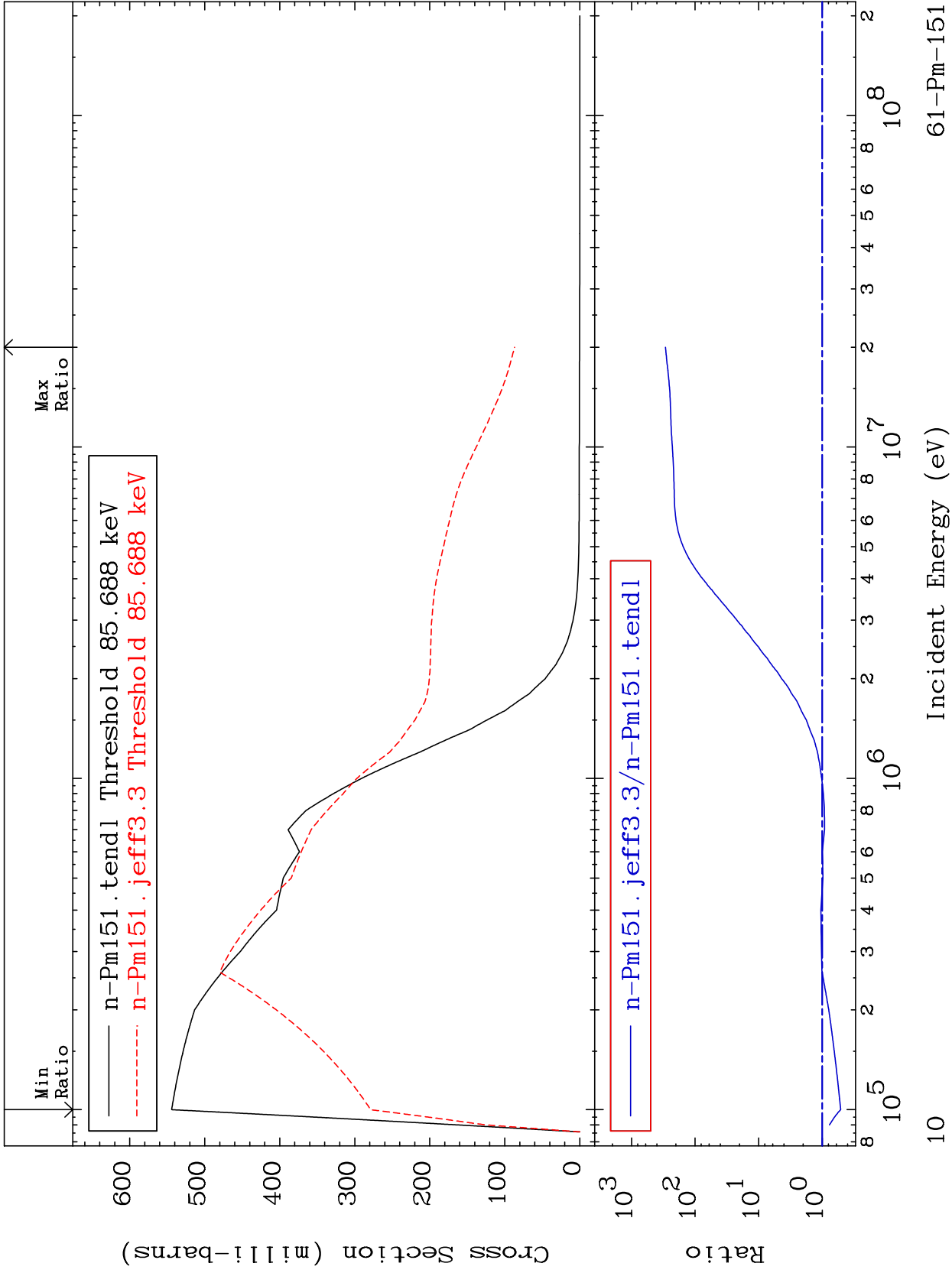




MAT 6161

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

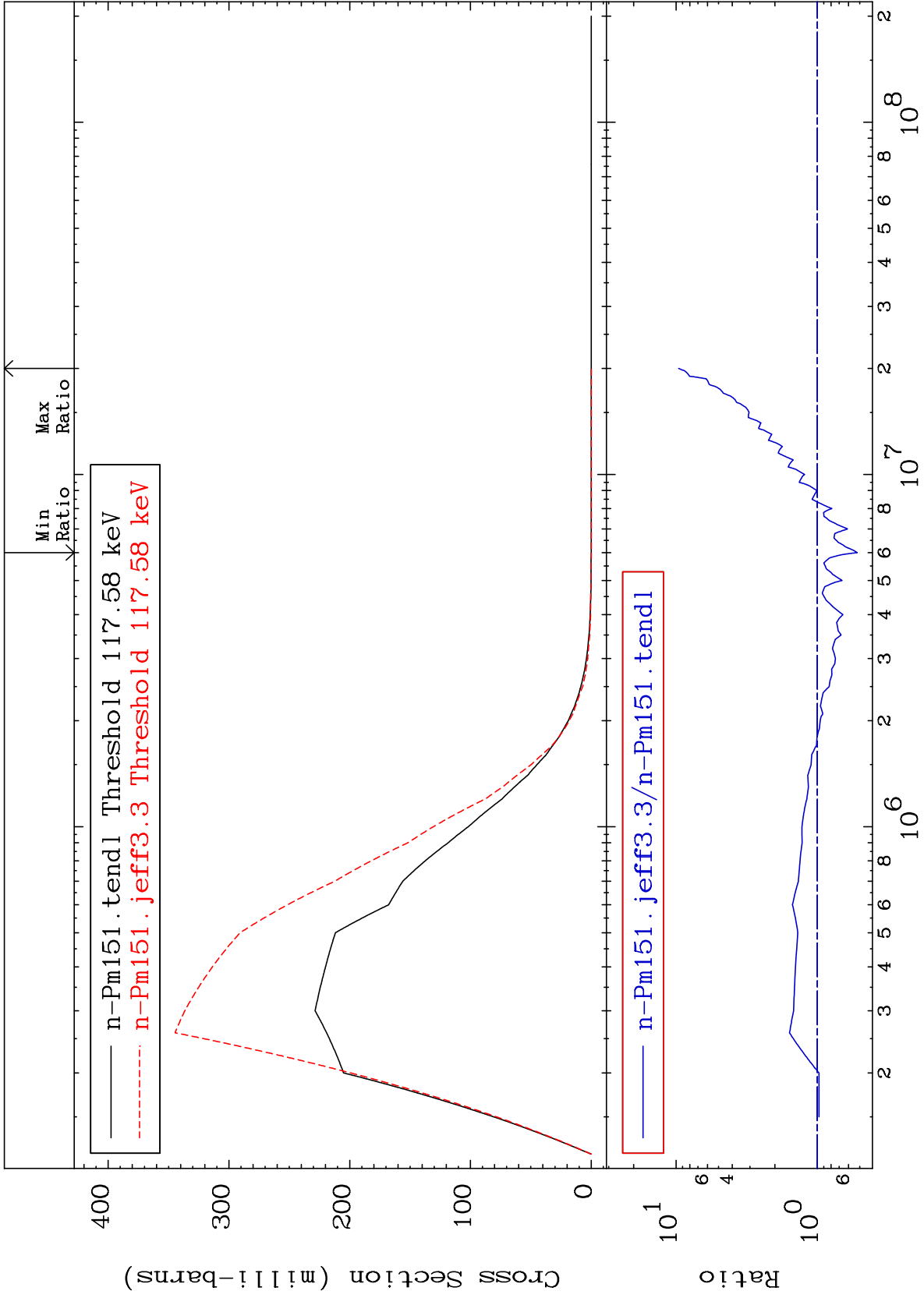
61-Pm-151
-48.76 To 9999. %



MAT 6161

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

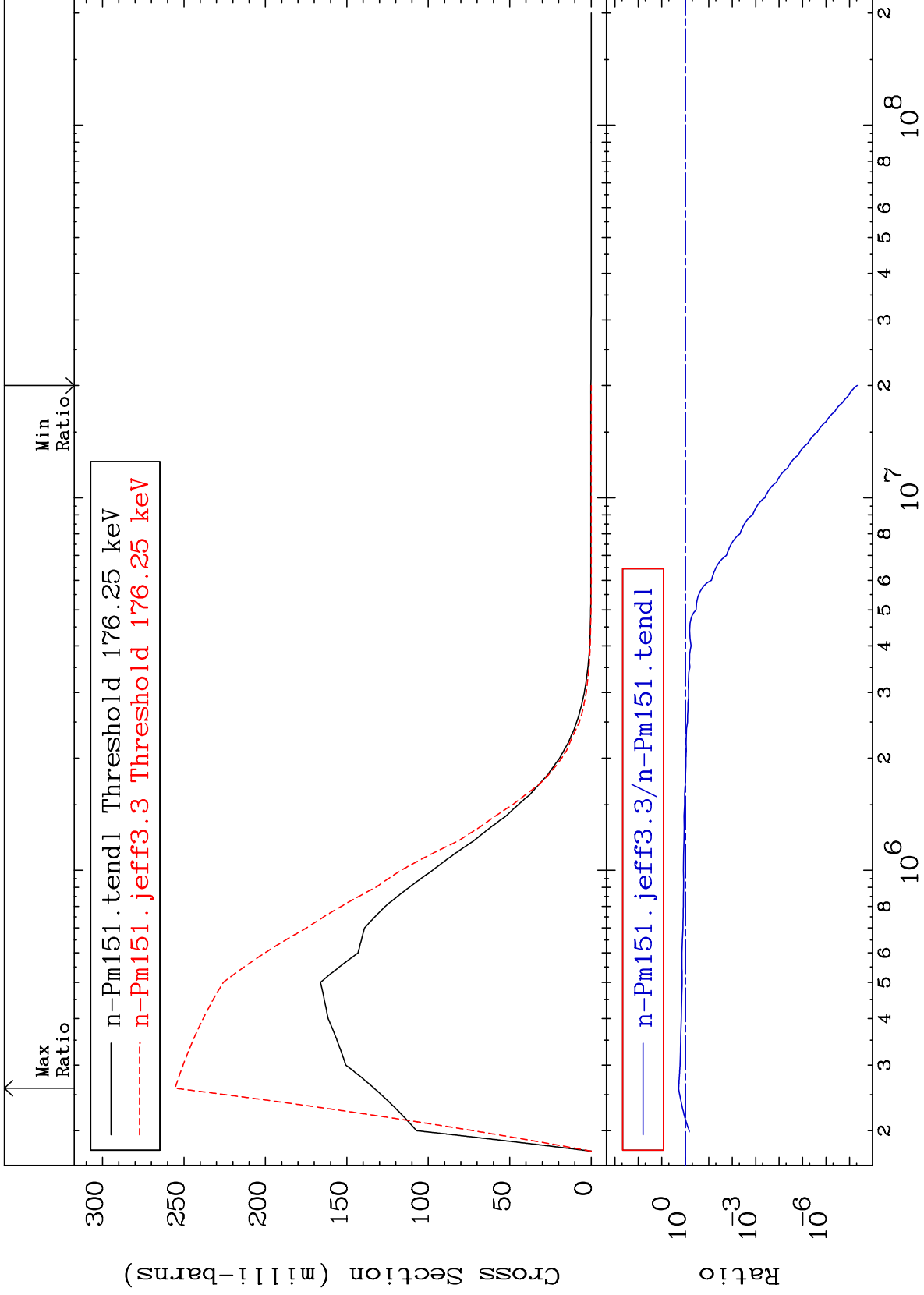
61-Pm-151
-47.89 To 859.6 %



MAT 6161

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

61-Pm-151
-100.0 To 91.69 %



12

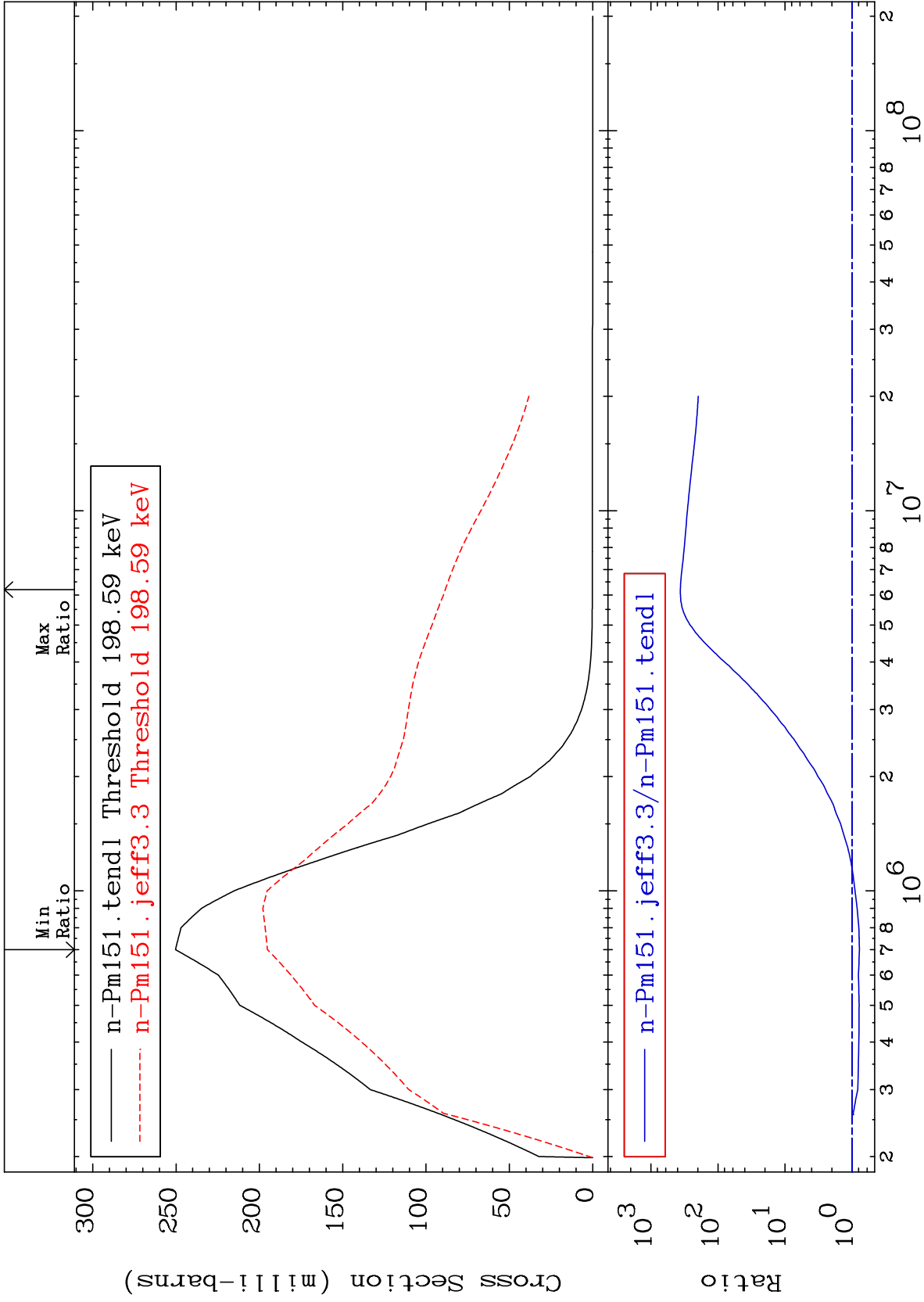
Incident Energy (eV)

61-Pm-151

MAT 6161

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

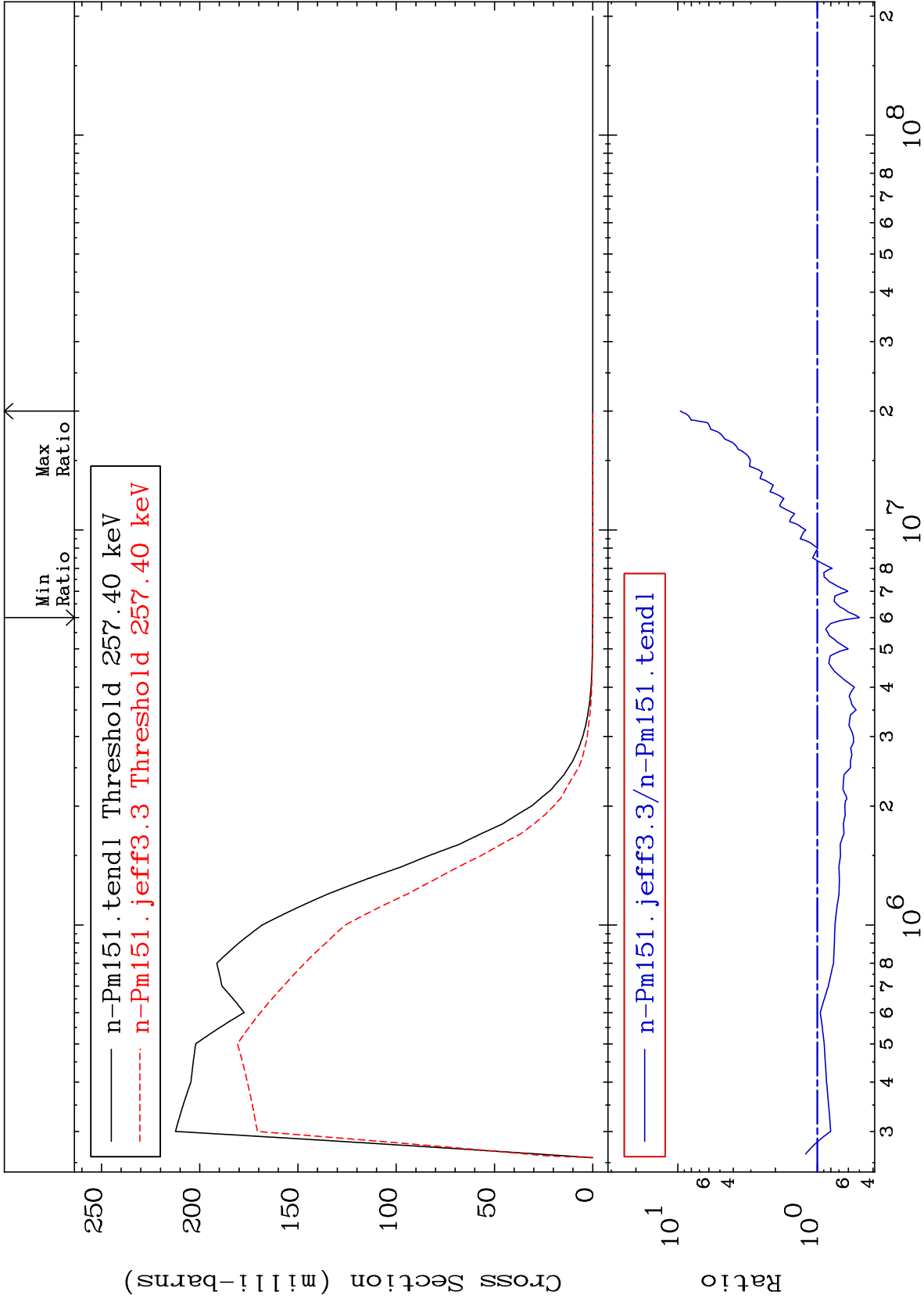
61-Pm-151
-22.04 To 9999. %



MAT 6161

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

61-Pm-151
-50.04 To 859.0 %



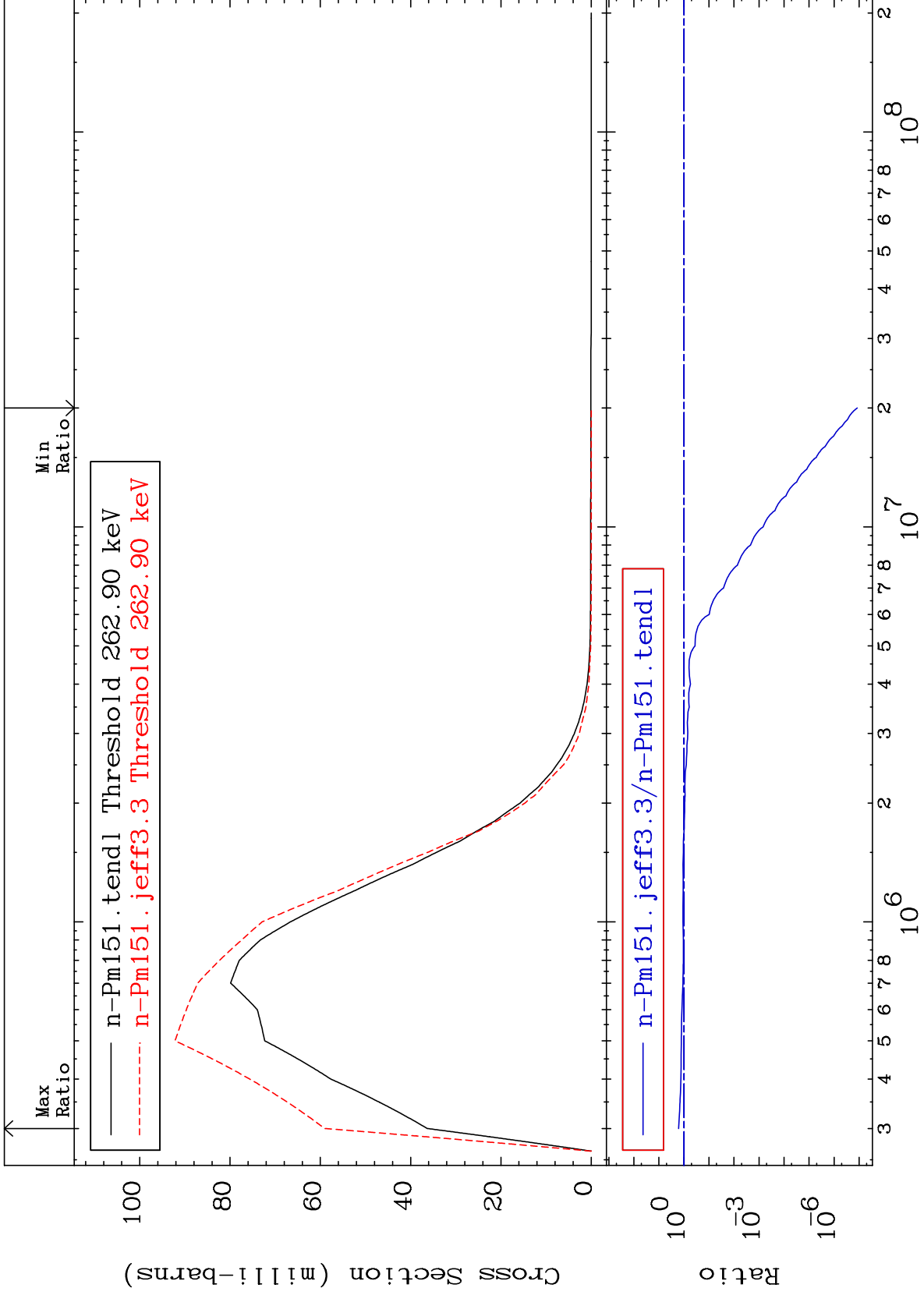
14

61-Pm-151

MAT 6161

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

61-Pm-151
-100.0 To 62.64 %



15

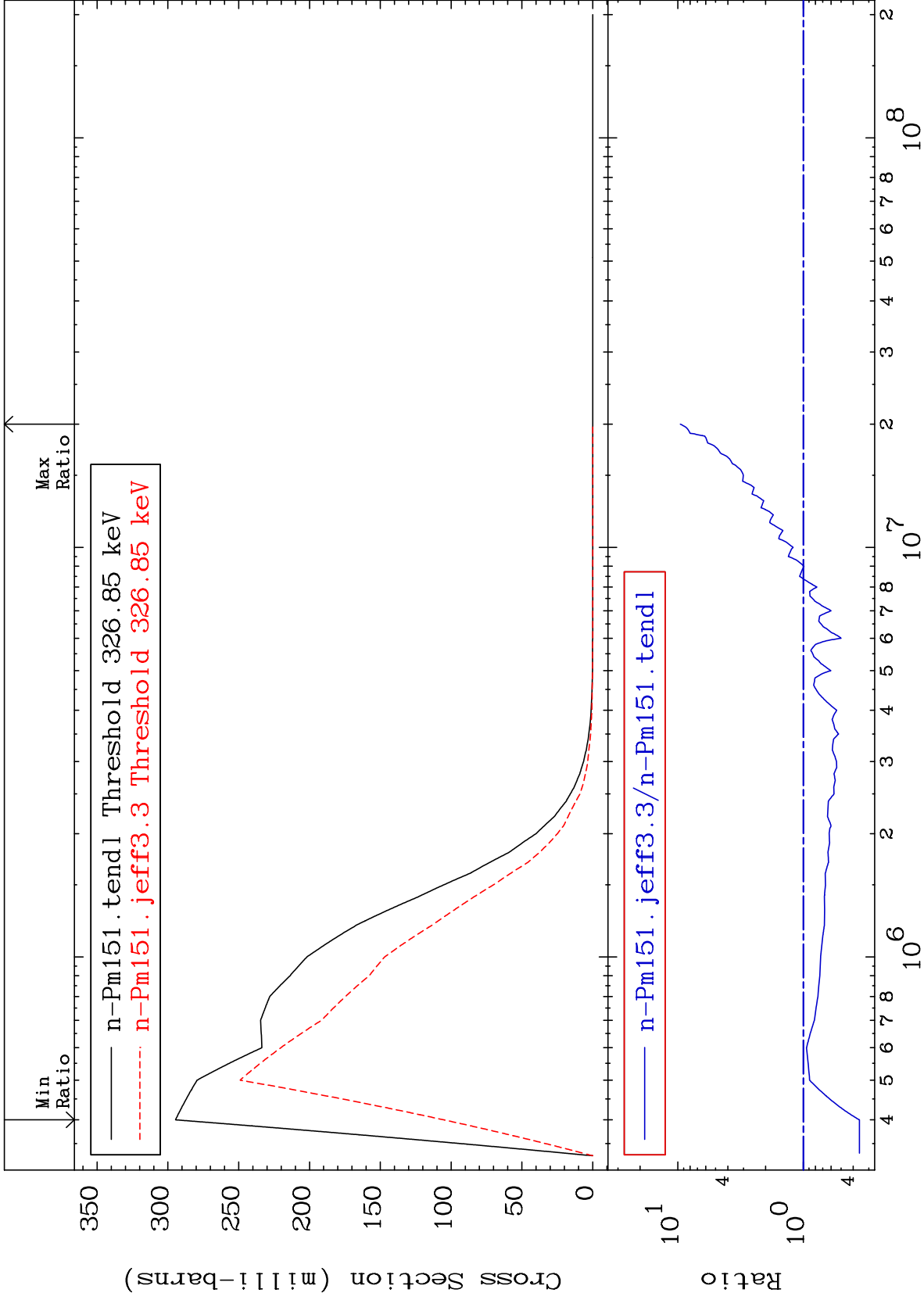
61-Pm-151

61-Pm-151

MAT 6161

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

61-Pm-151
-64.30 To 855.6 %



16

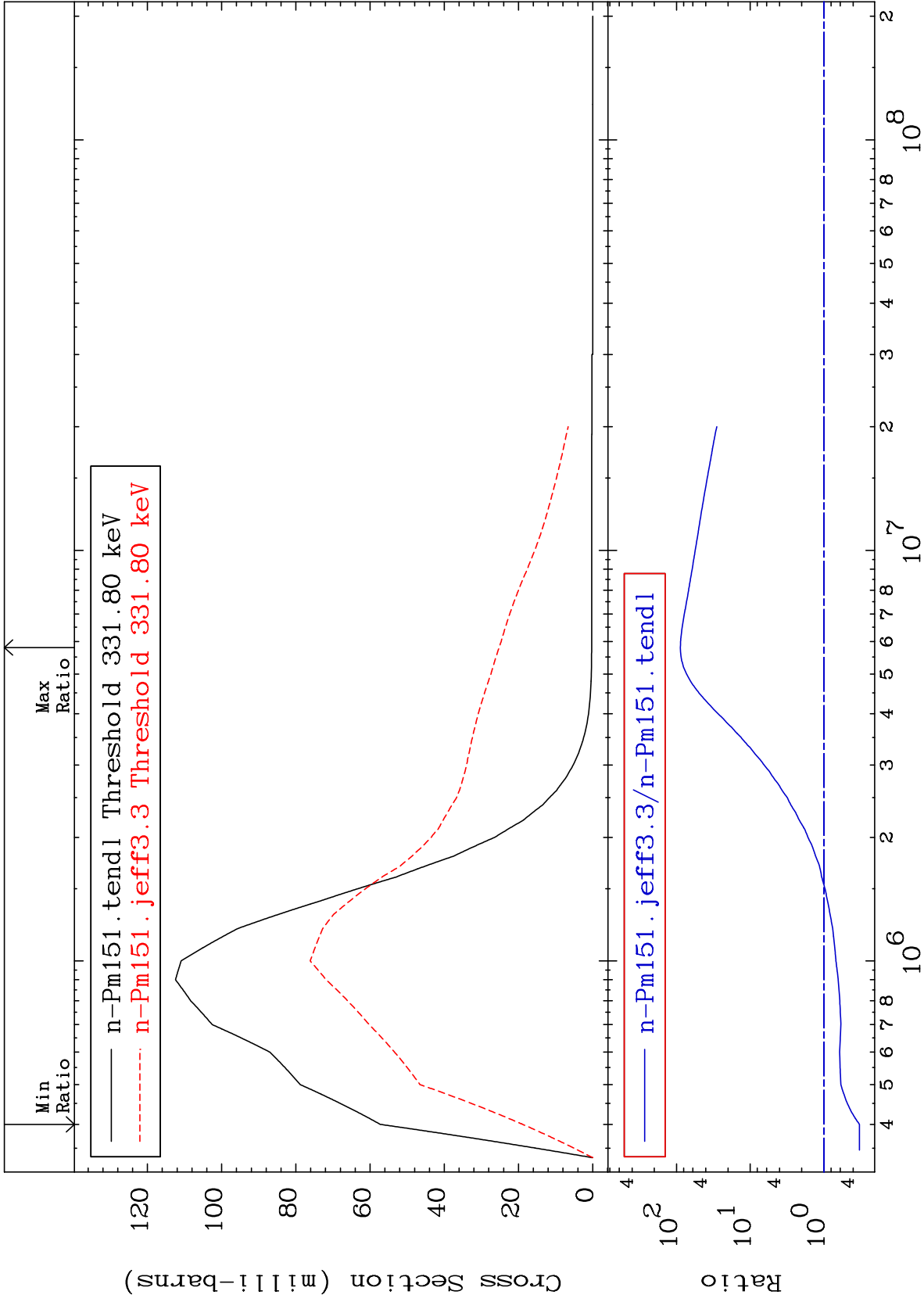
Incident Energy (eV)

61-Pm-151

MAT 6161

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

61-Pm-151
-67.02 To 8760. %



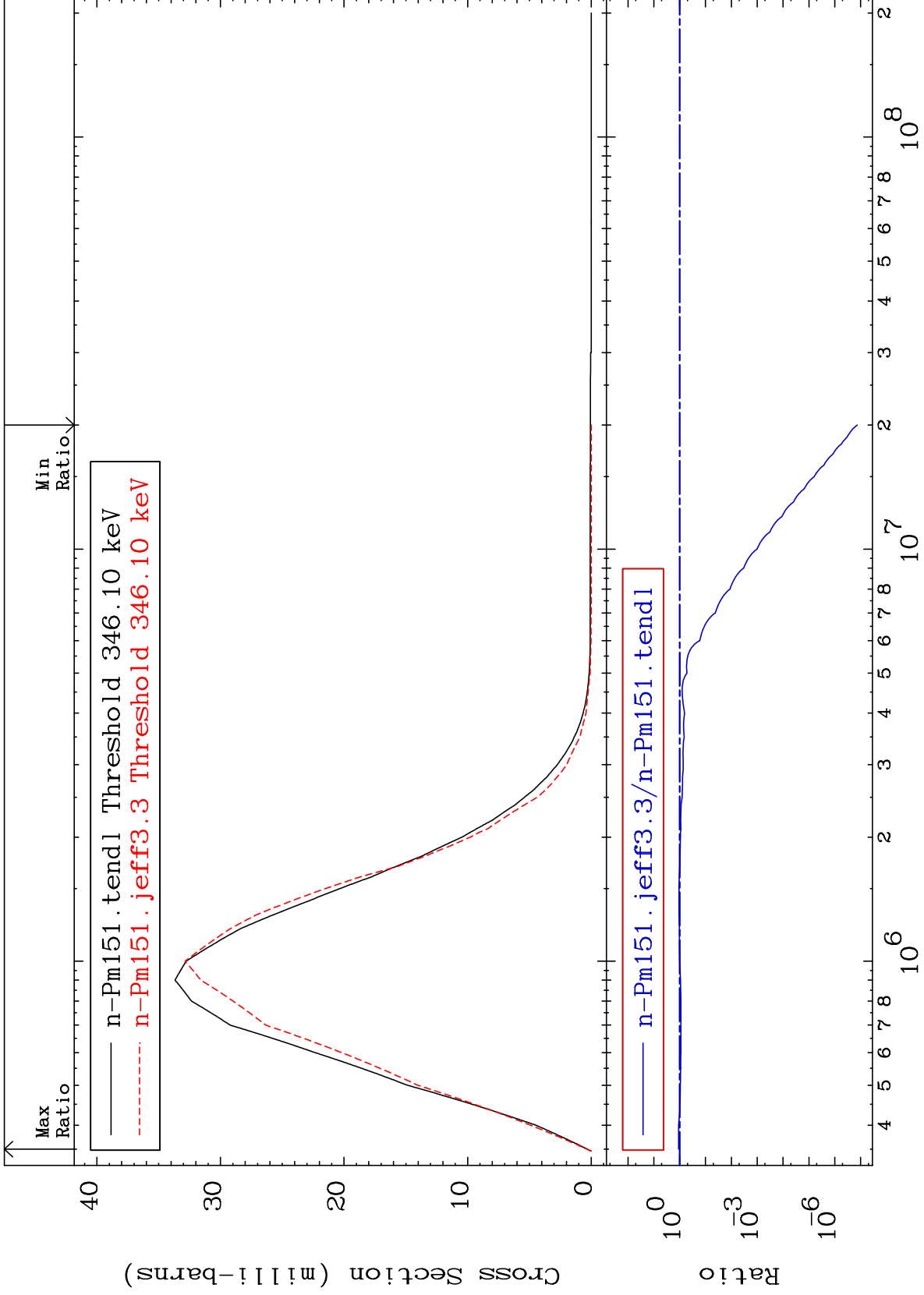
17

61-Pm-151

MAT 6161

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

61-Pm-151
-100.0 To 9.709 %



18

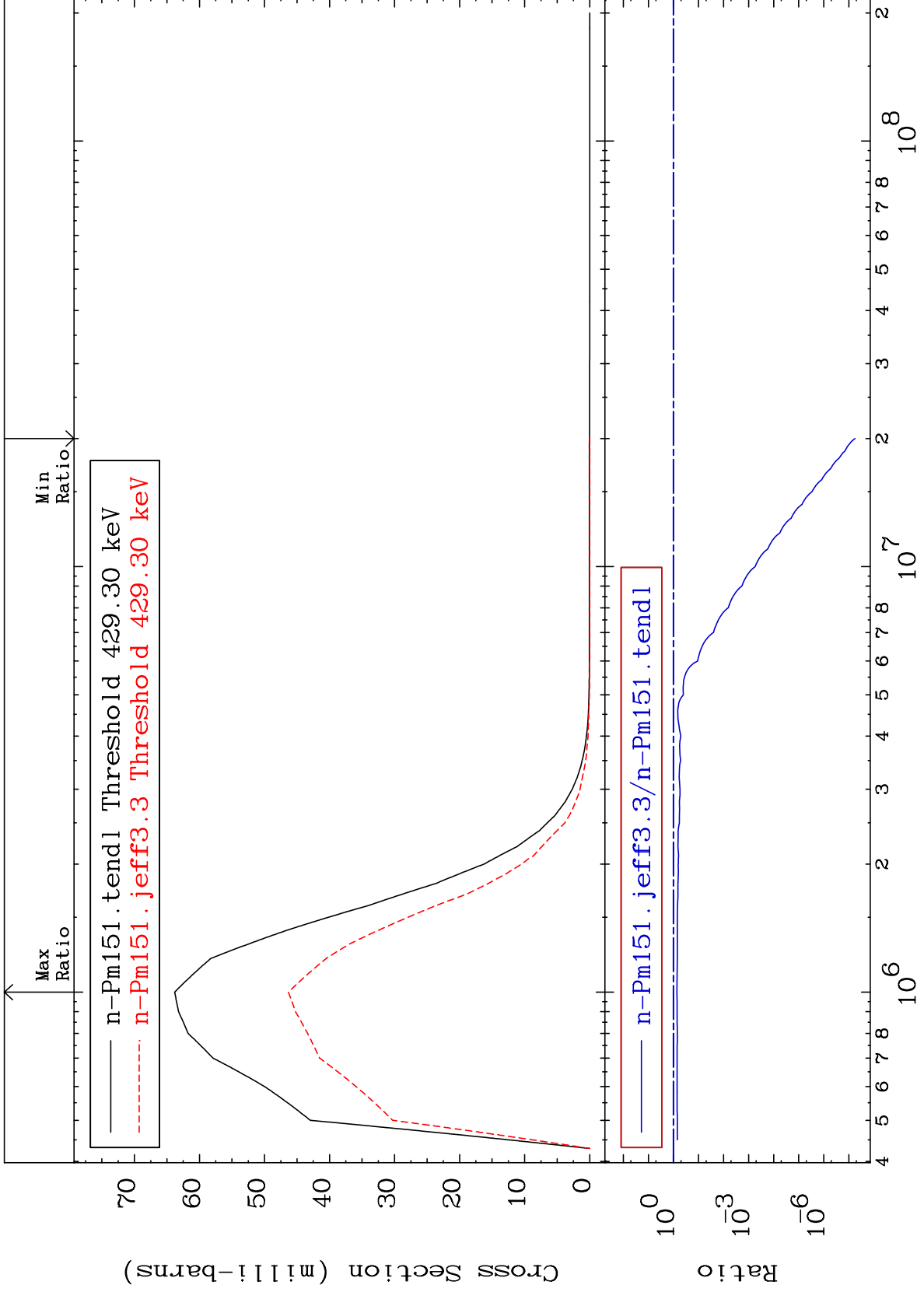
Incident Energy (eV)

61-Pm-151

MAT 6161

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

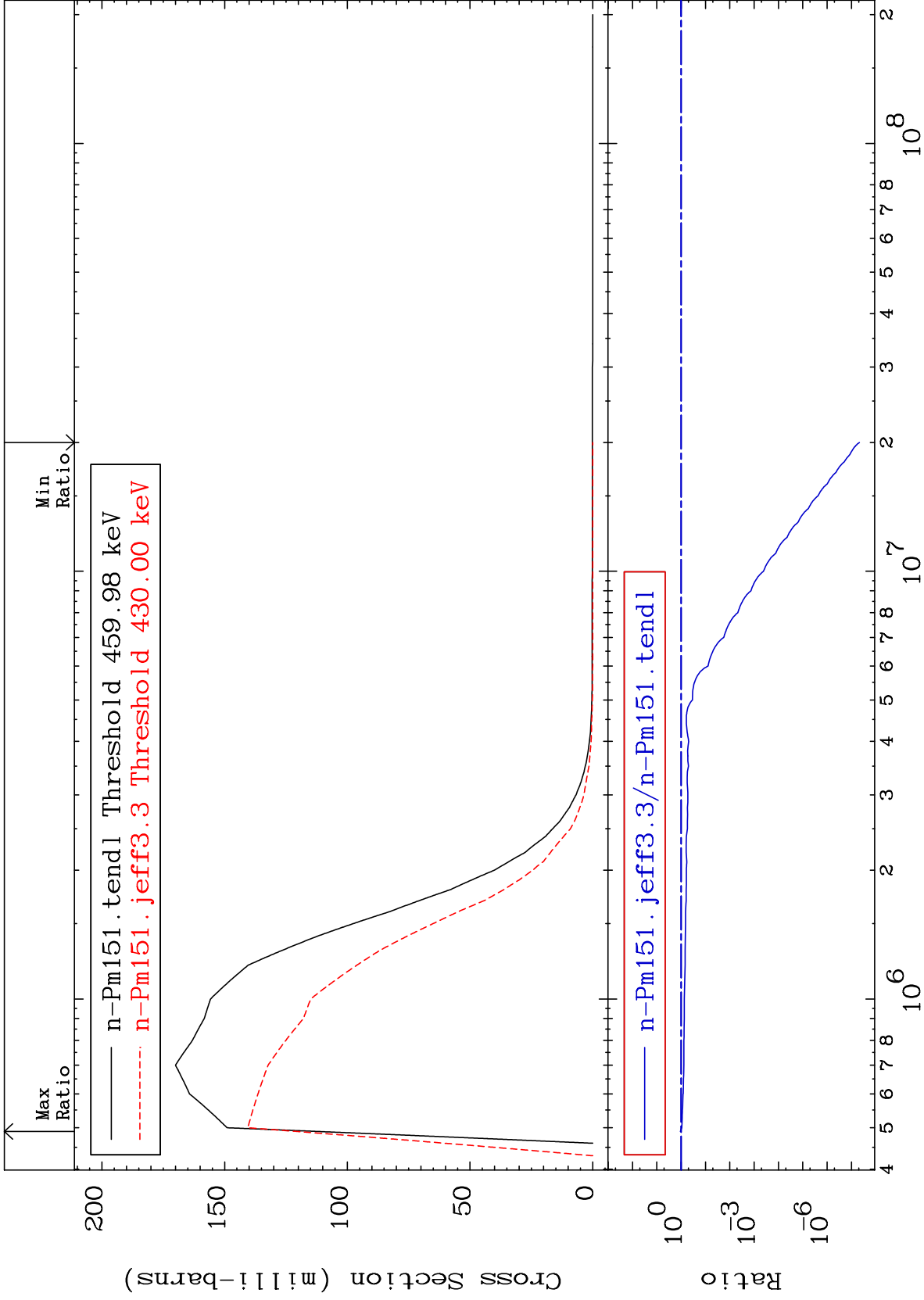
61-Pm-151
-100.0 To -27.41%



MAT 6161

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

61-Pm-151
-100.0 To 7.842 %



20

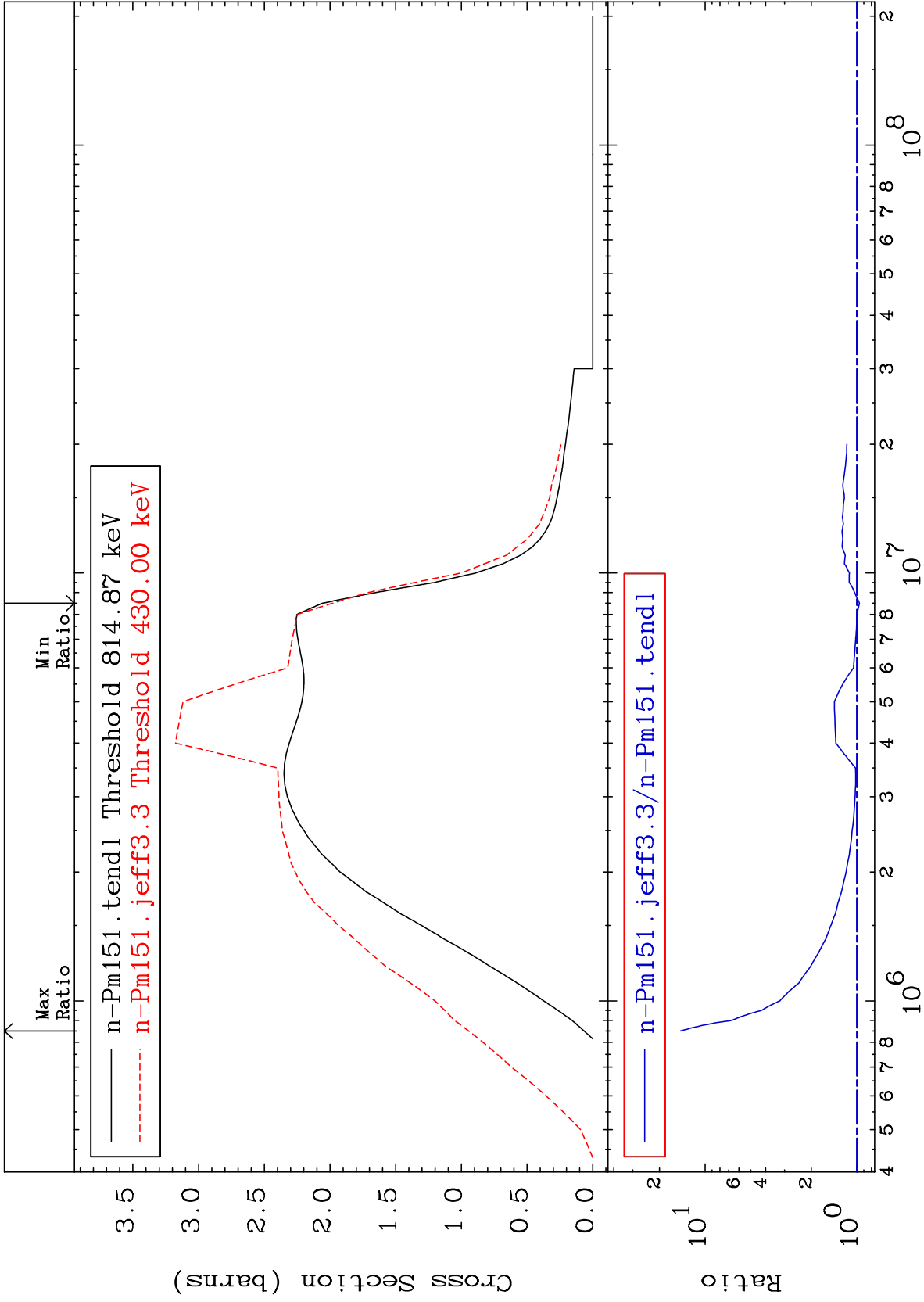
Incident Energy (eV)

61-Pm-151

MAT 6161

(n, n') Continuum
Cross Section

61-Pm-151
-3.765 To 1357. %

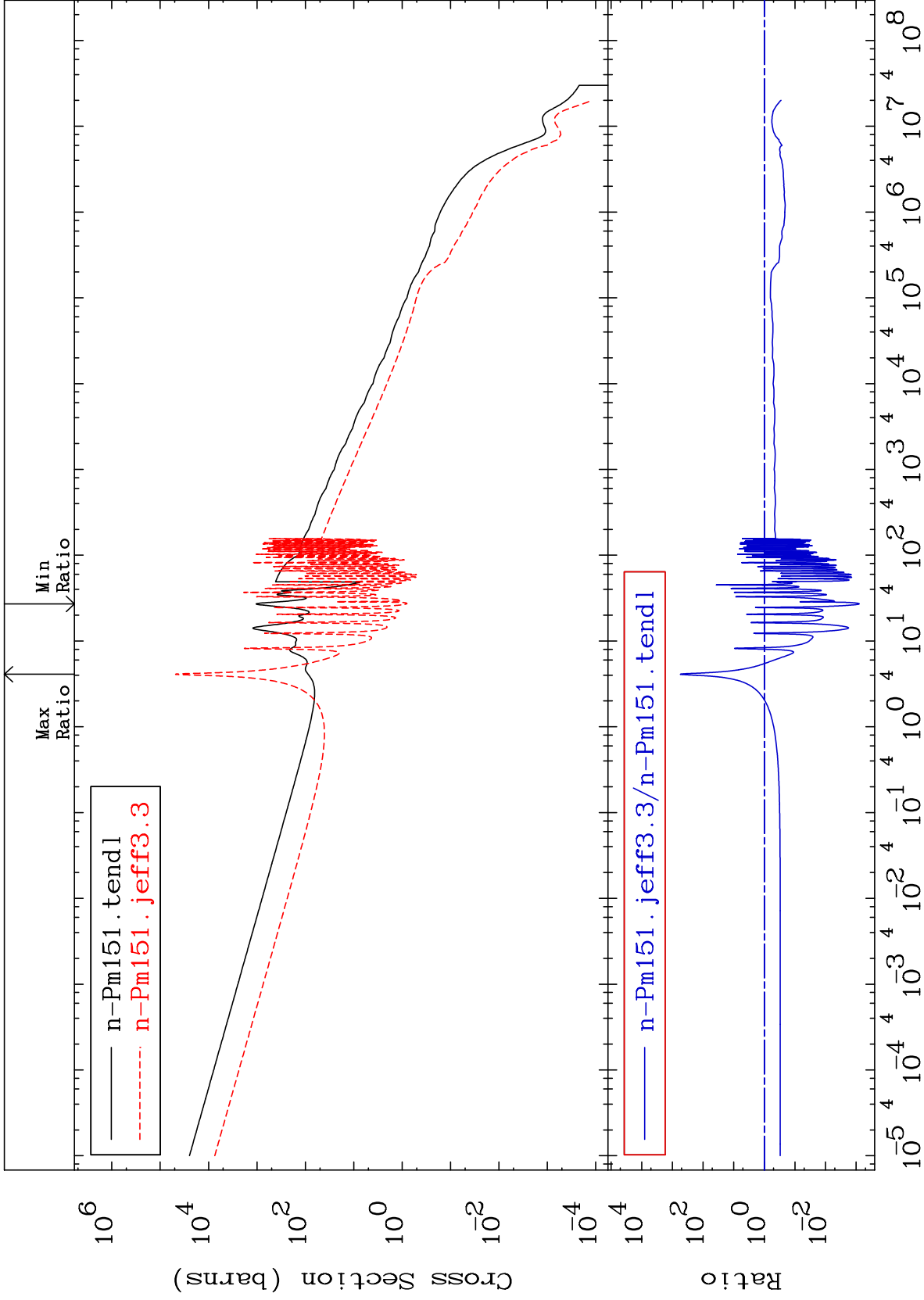


21

61-Pm-151

MAT 6161

(n, γ)
Cross Section
61-Pm-151
-99.92 To 9999. %



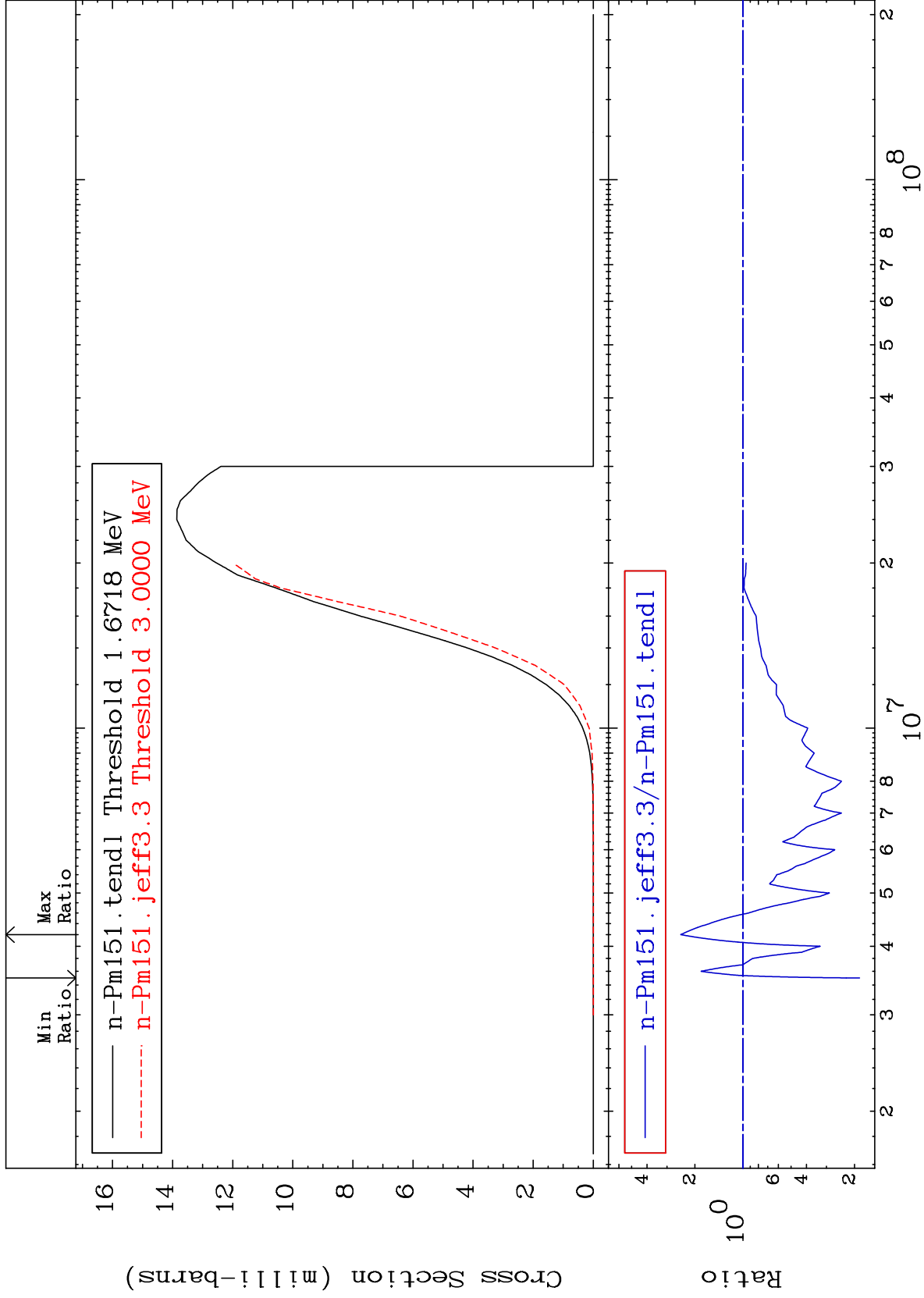
MAT 6161

(n,p)

61-Pm-151

Cross Section

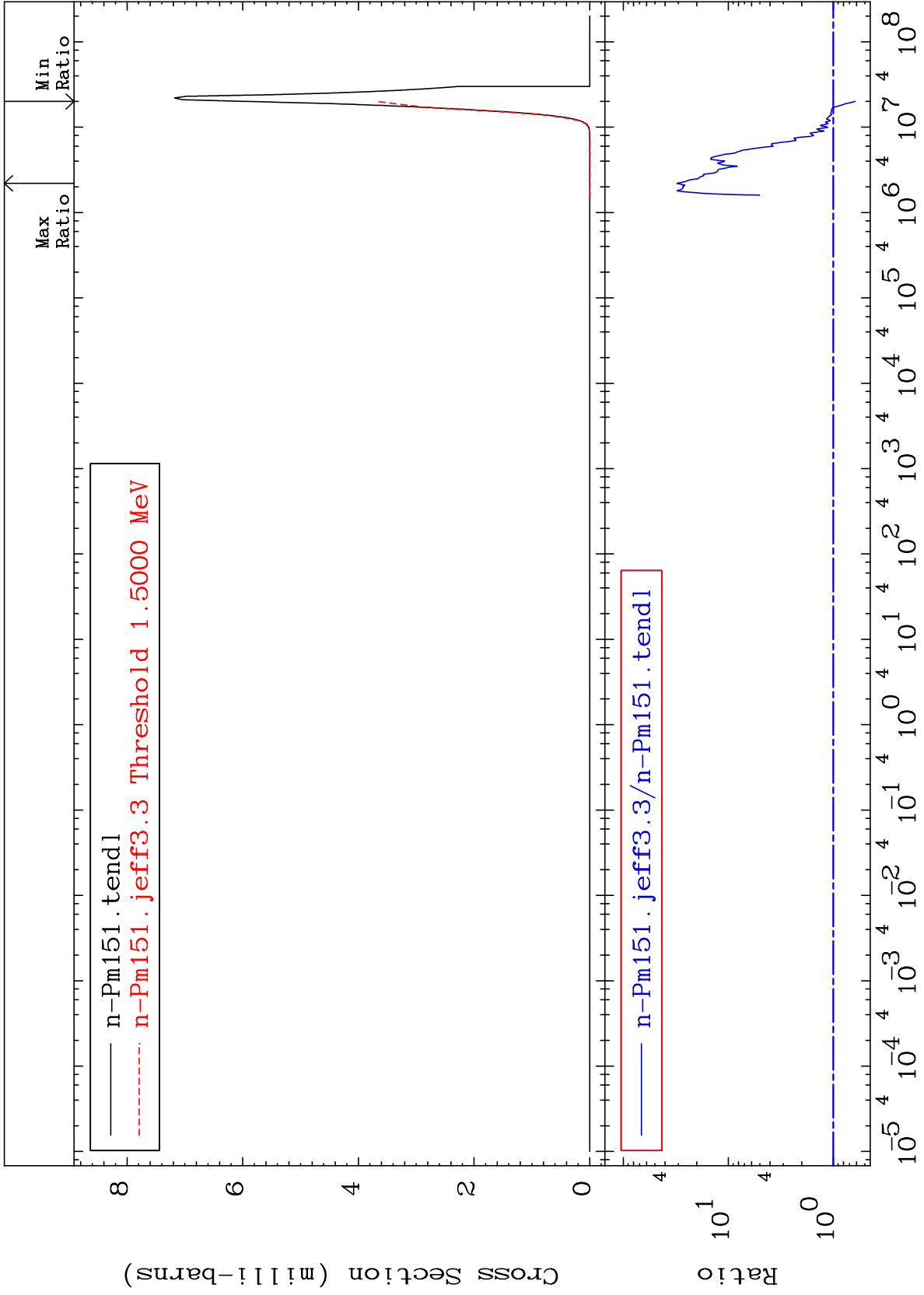
-81.40 To 145.5 %



MAT 6161

(n, α)
Cross Section

61-Pm-151
-37.99 To 2989. %



24

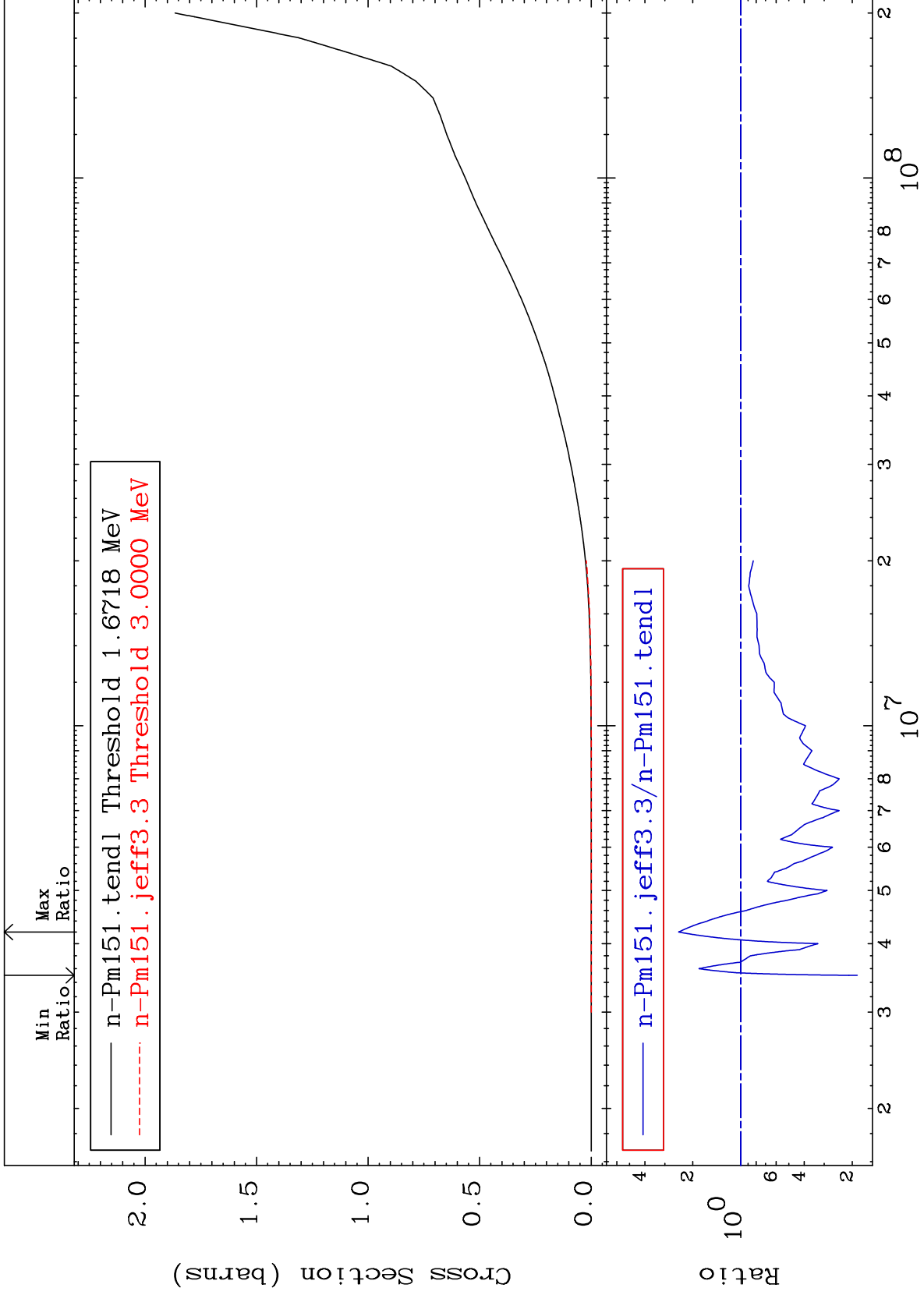
Incident Energy (eV)

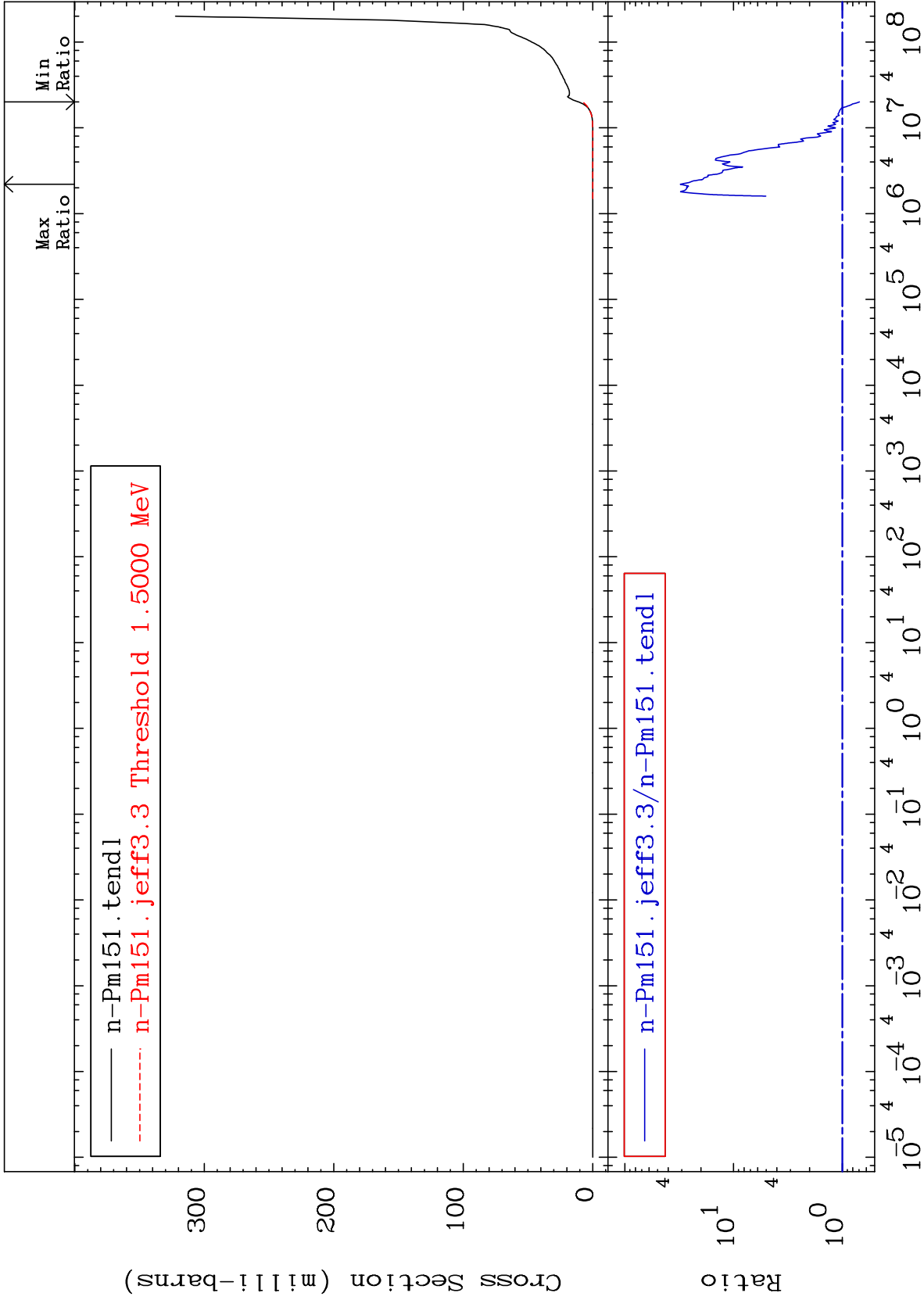
61-Pm-151

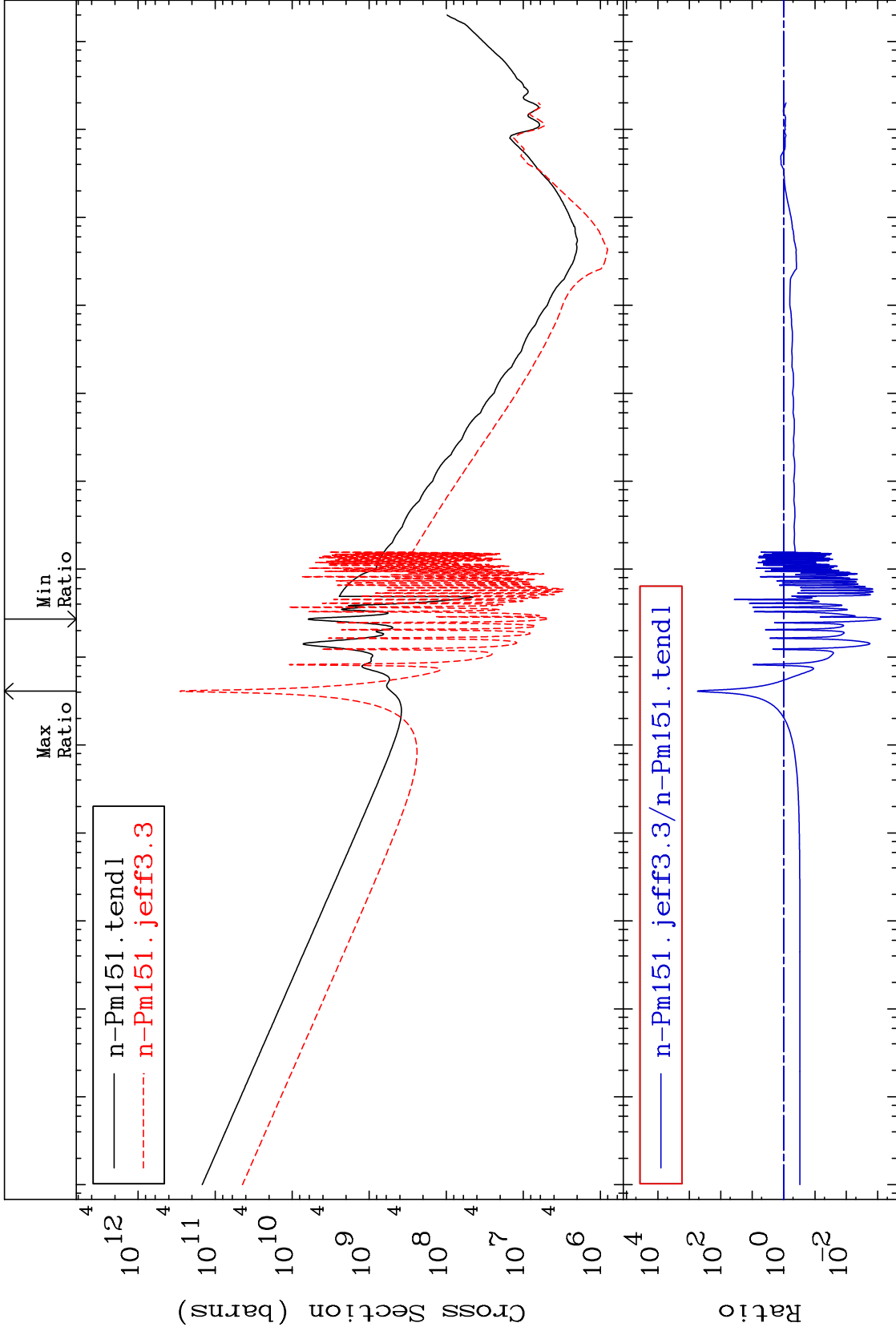
MAT 6161

Hydrogen Production
Cross Section

61-Pm-151
-81.40 To 145.5 %



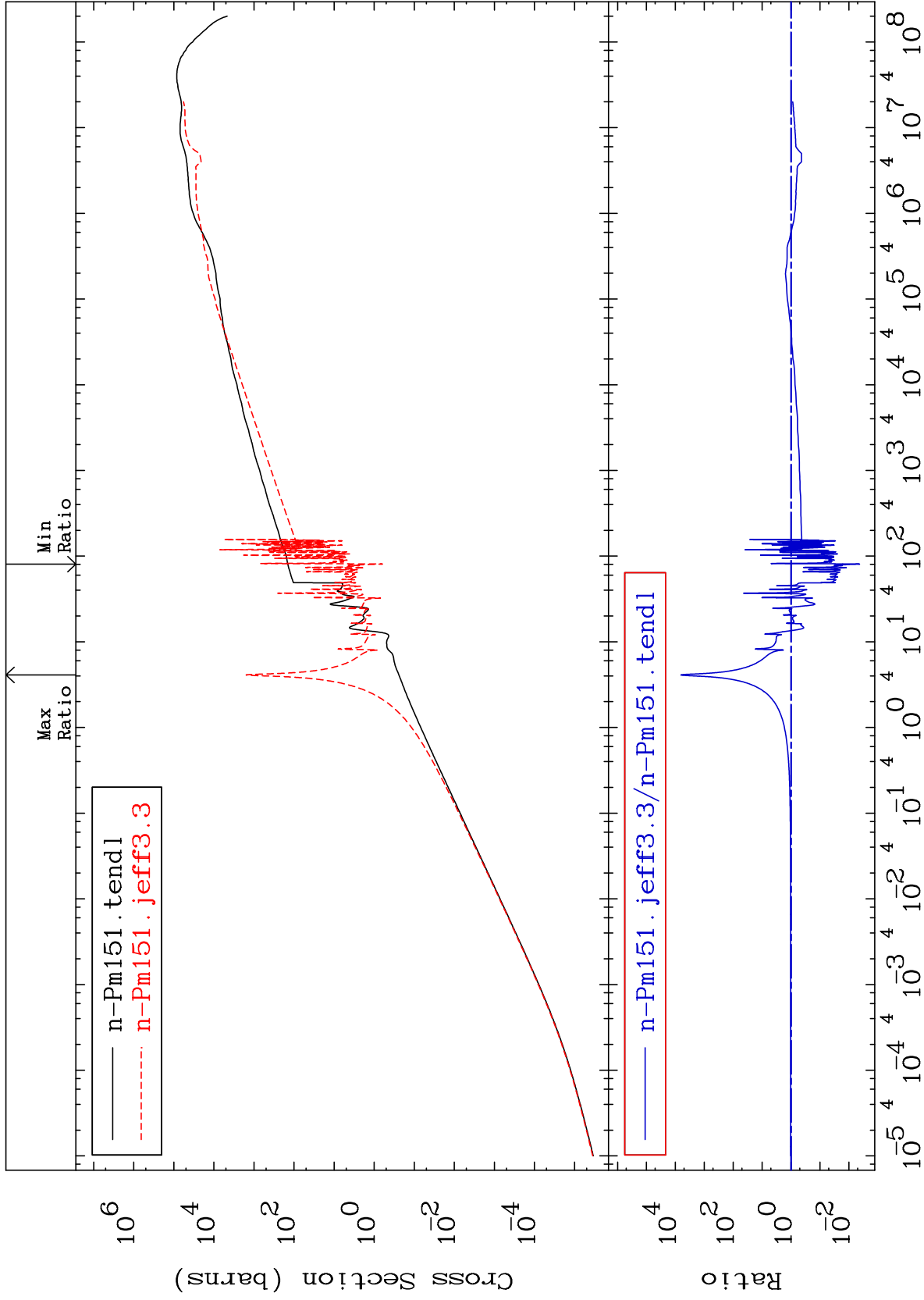


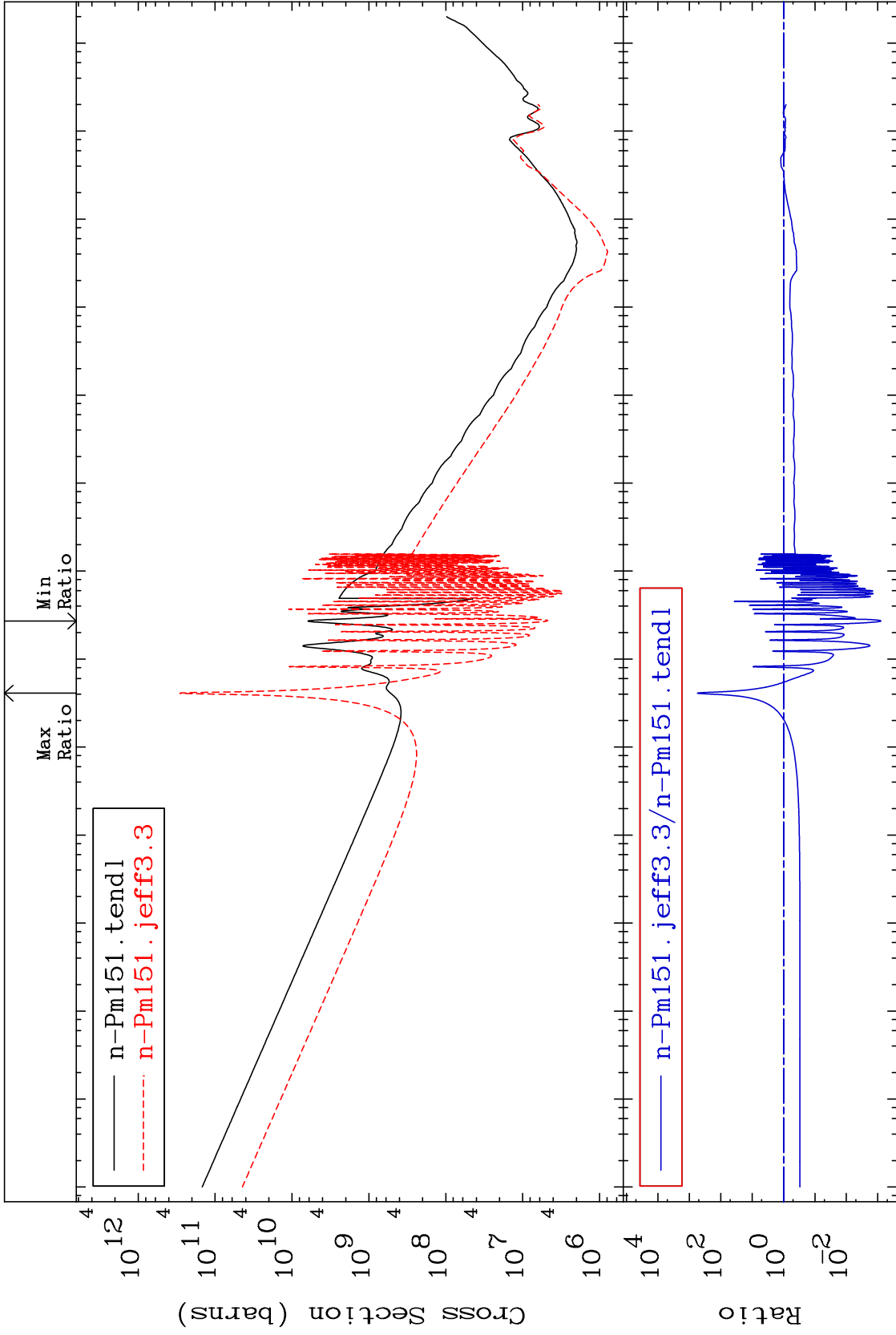


MAT 6161

Kerma elastic
Cross Section

61-Pm-151
-99.57 To 9999. %

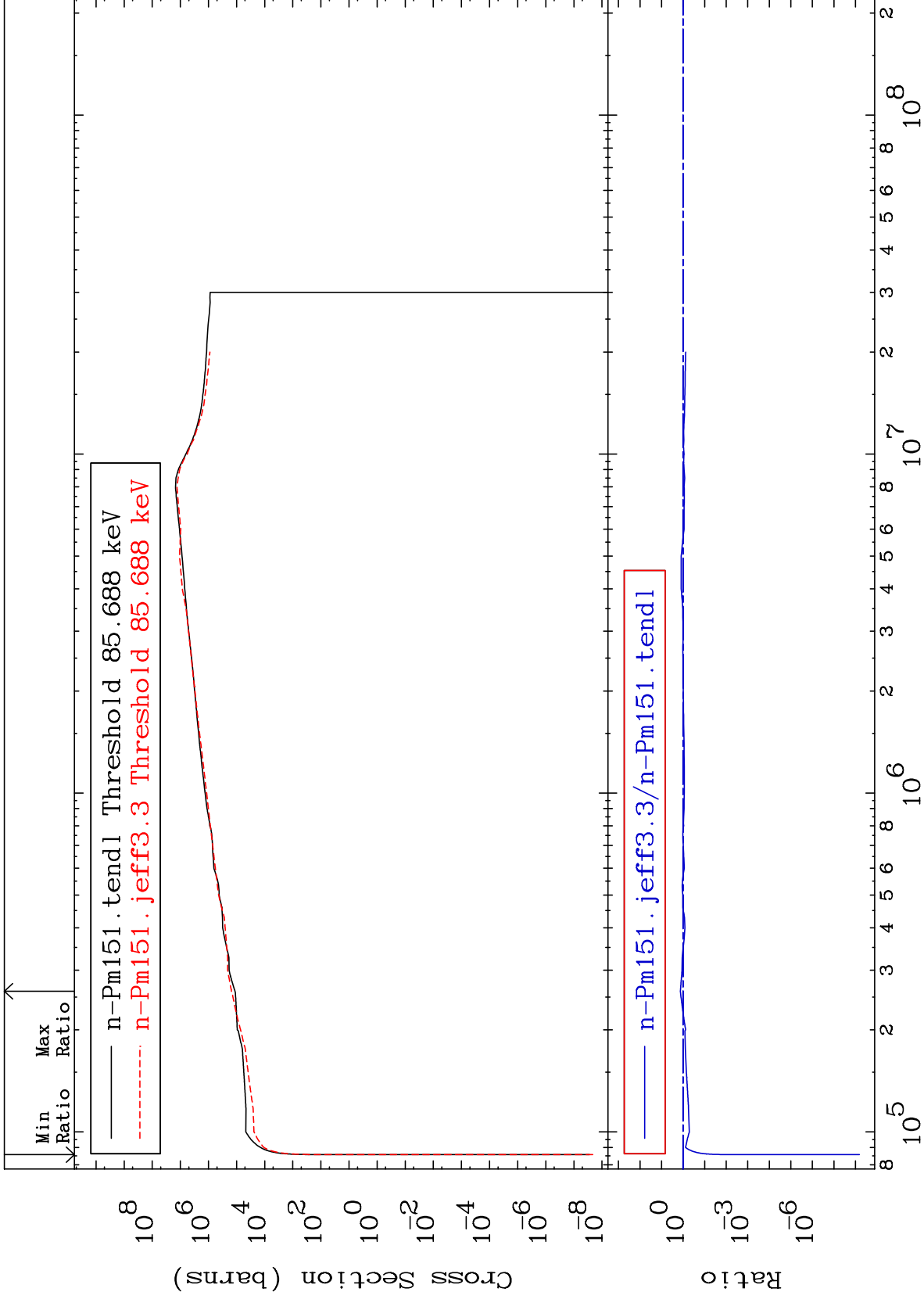




MAT 6161

Kerma inelastic (mt51-91)
Cross Section

61-Pm-151
-100.0 To 33.80 %



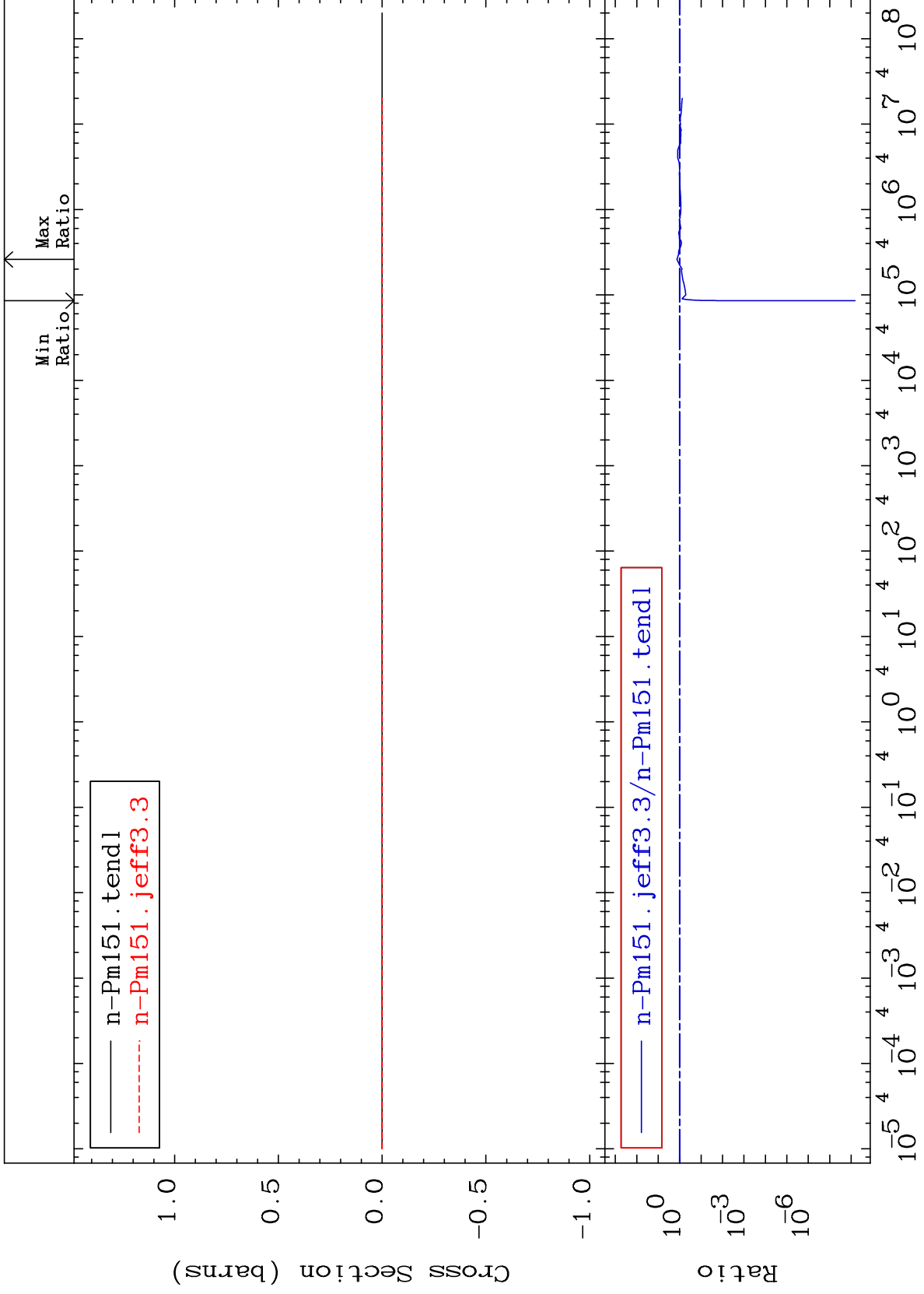
30

61-Pm-151

MAT 6161

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

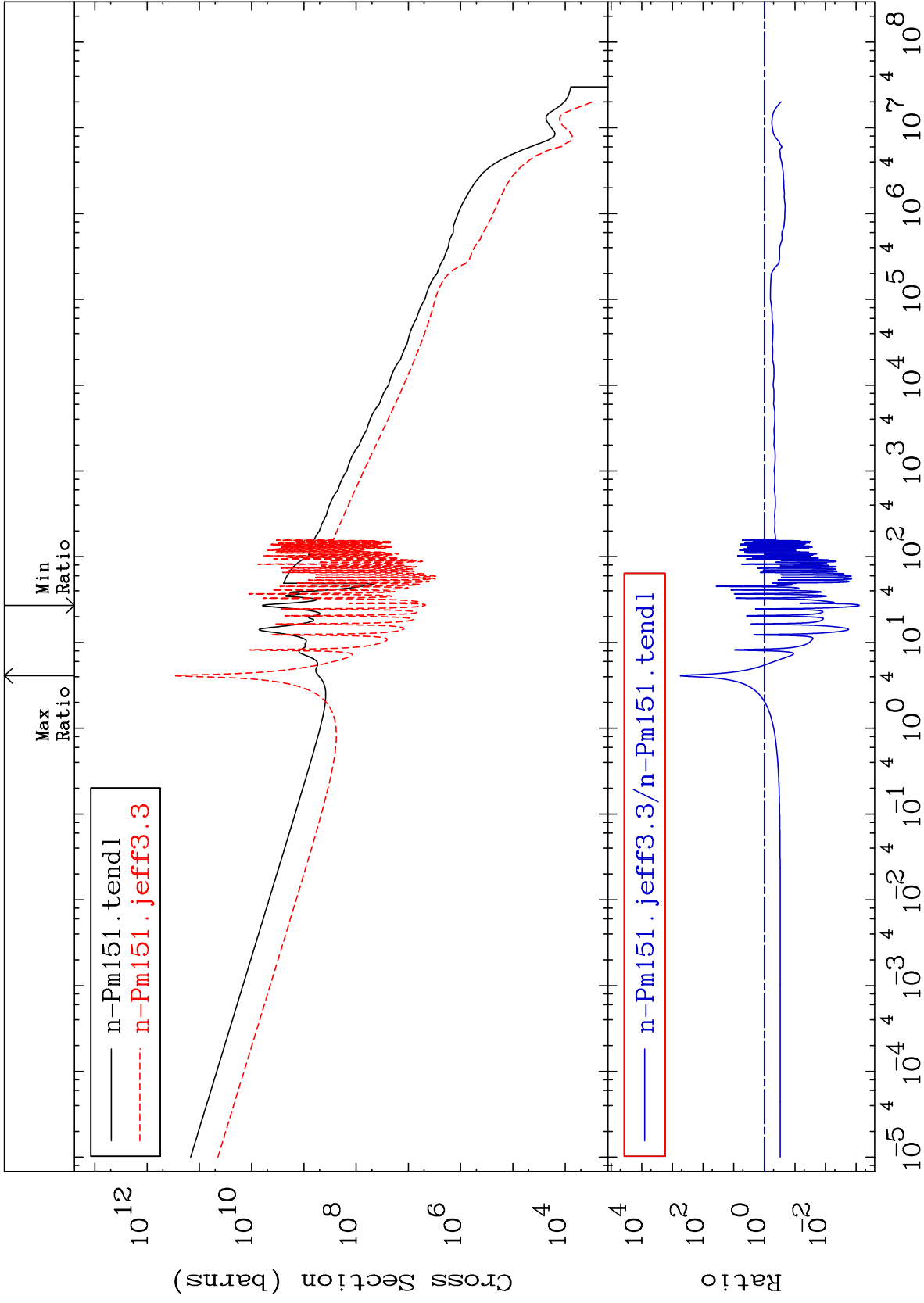
61-Pm-151
-100.0 To 33.80 %



MAT 6161

Kerma capture (mt102)
Cross Section

61-Pm-151
-99.92 To 9999. %

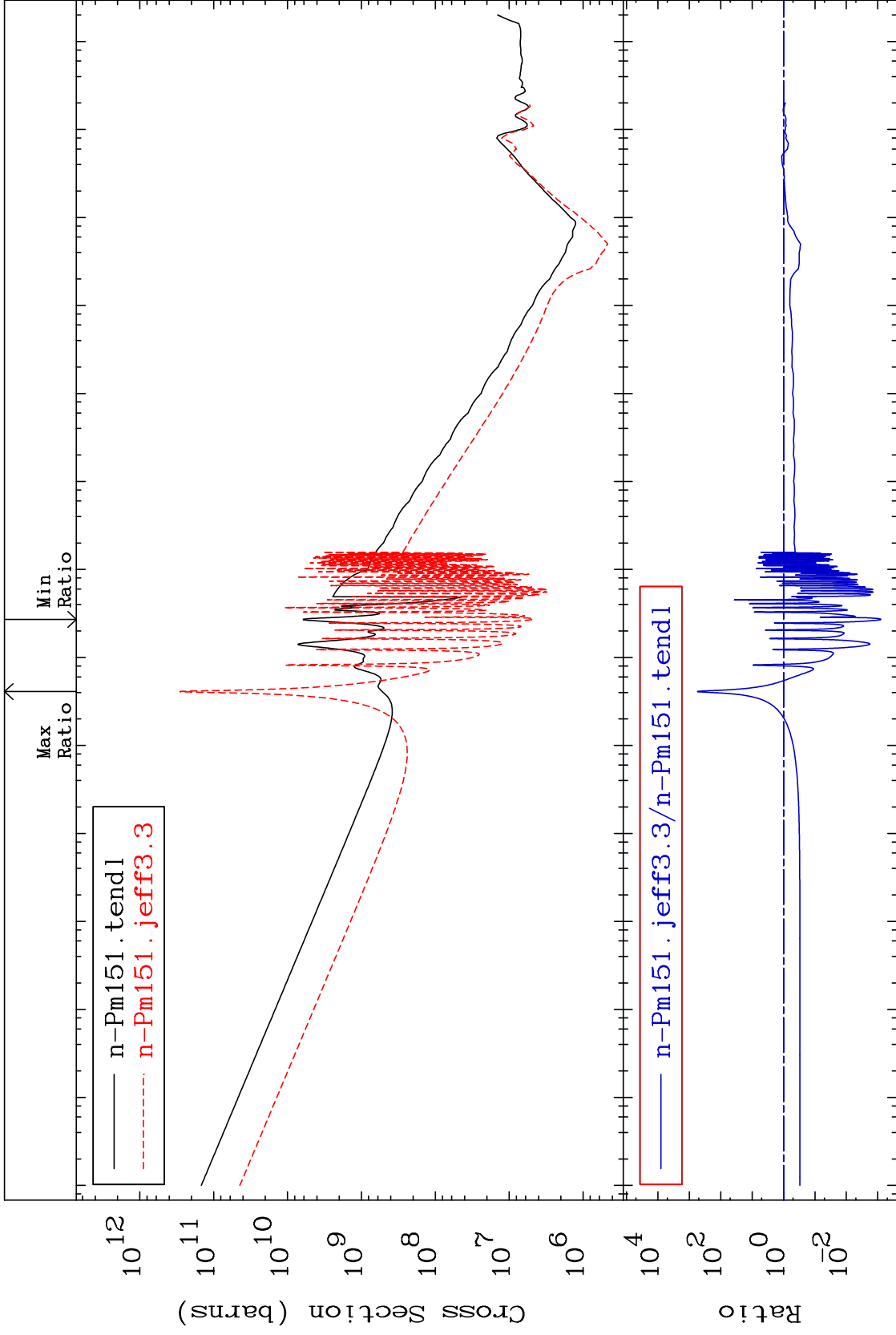


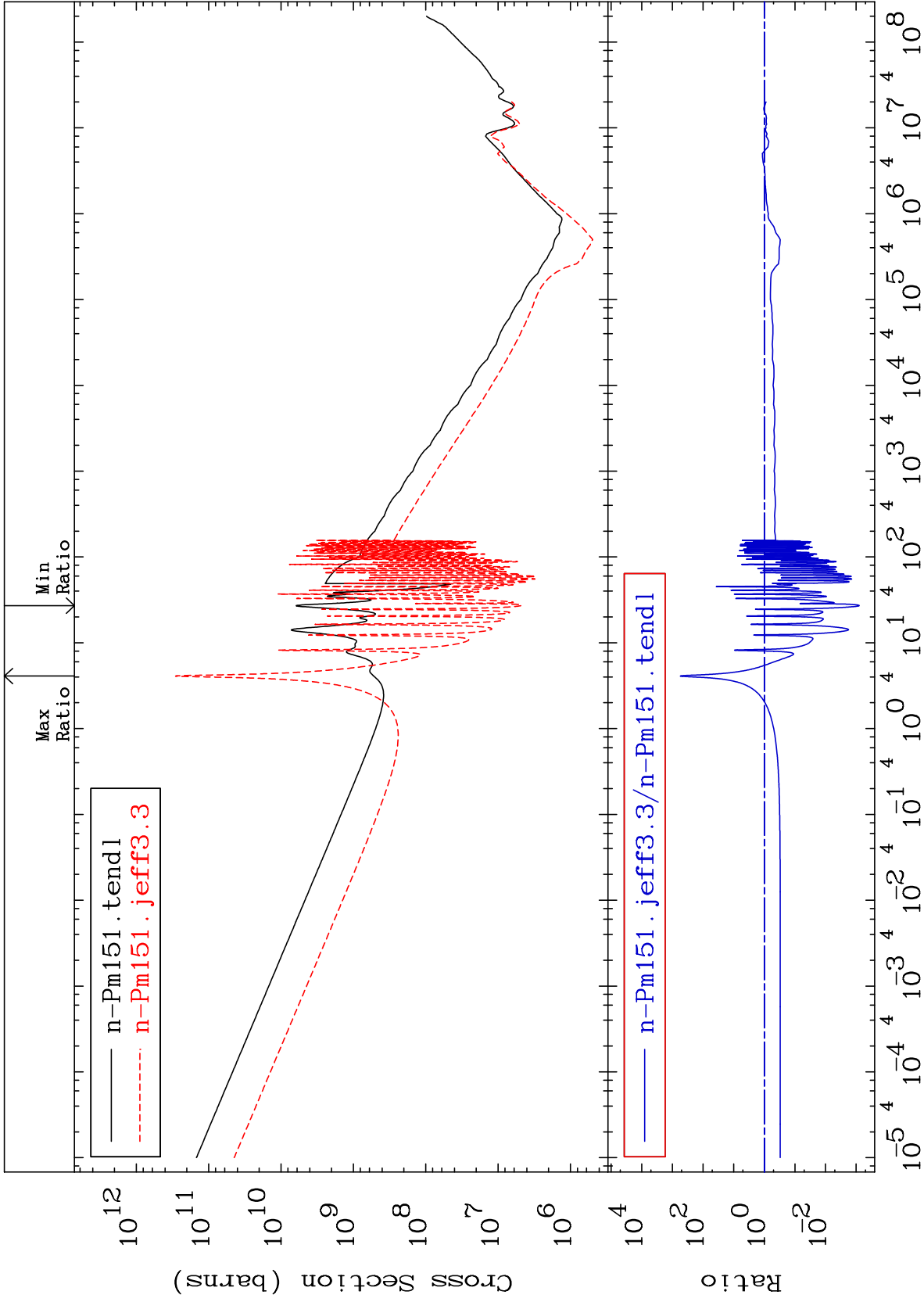
MAT 6161

Total photon (eV-barns)

61-Pm-151

-99.92 To 9999. %





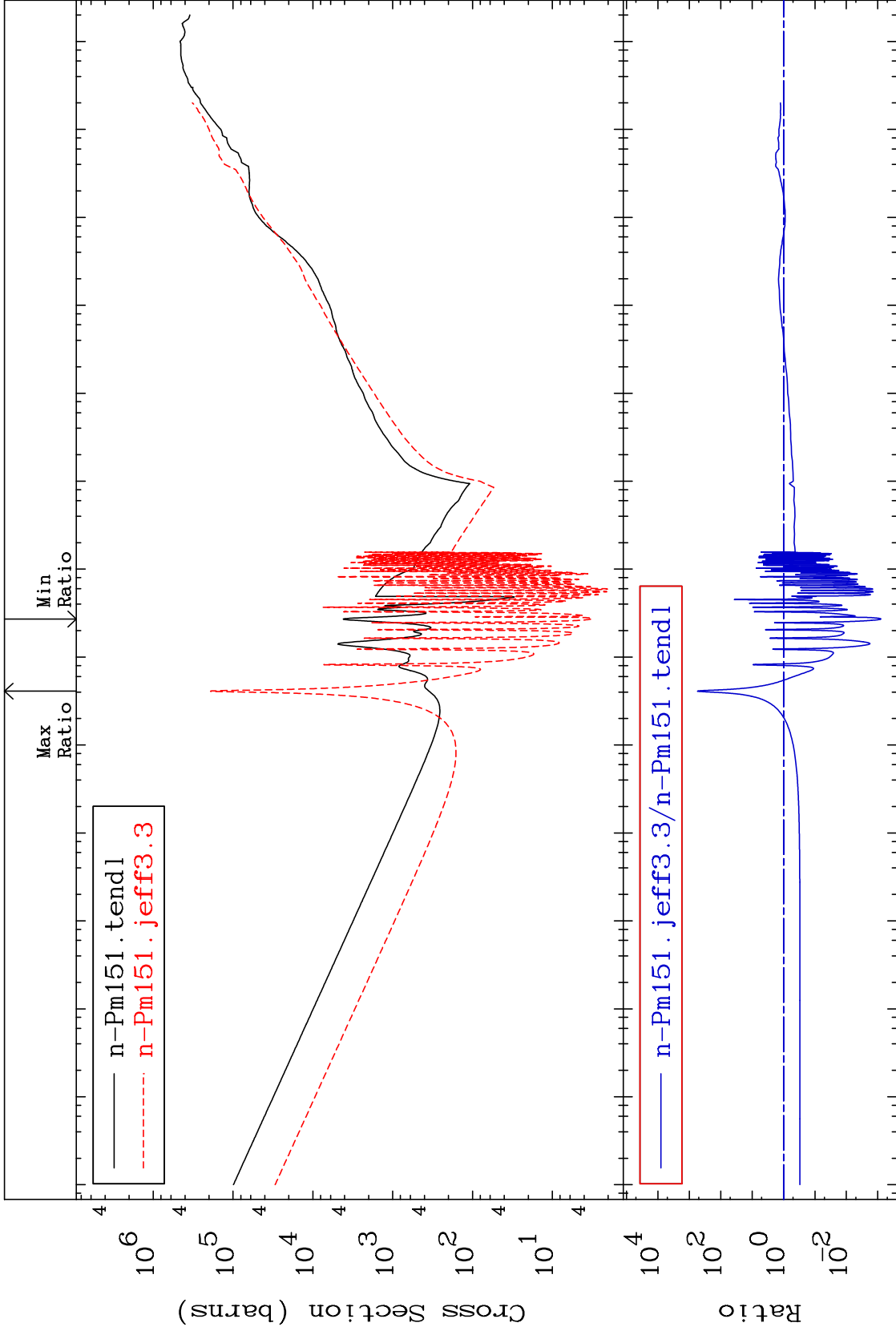
MAT 6161

Dpa total (eV-barns)

61-Pm-151

-99.92 To 9999. %

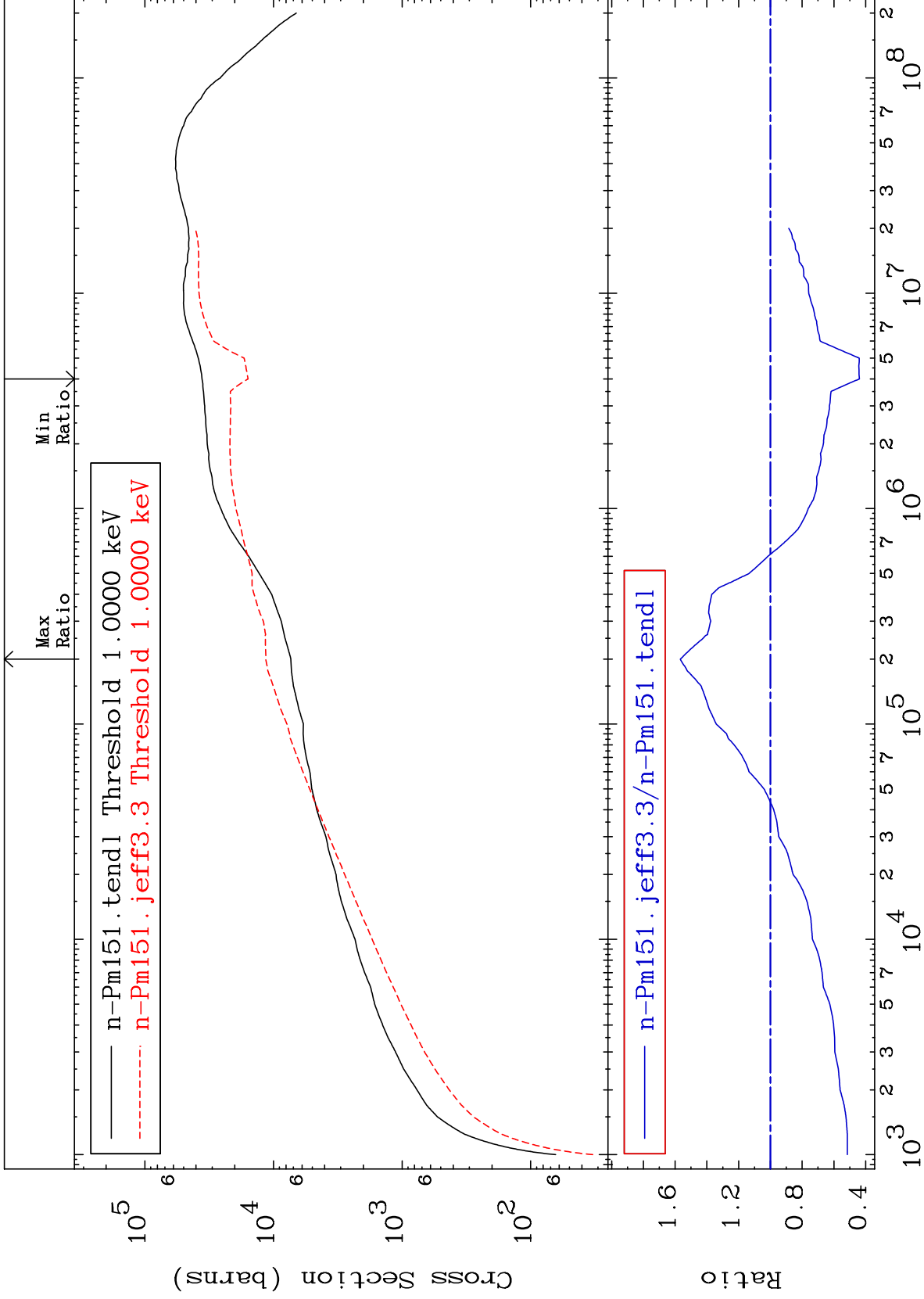
Cross Section



MAT 6161

Dpa elastic (mt2)
Cross Section

61-Pm-151
-56.08 To 56.71 %



36

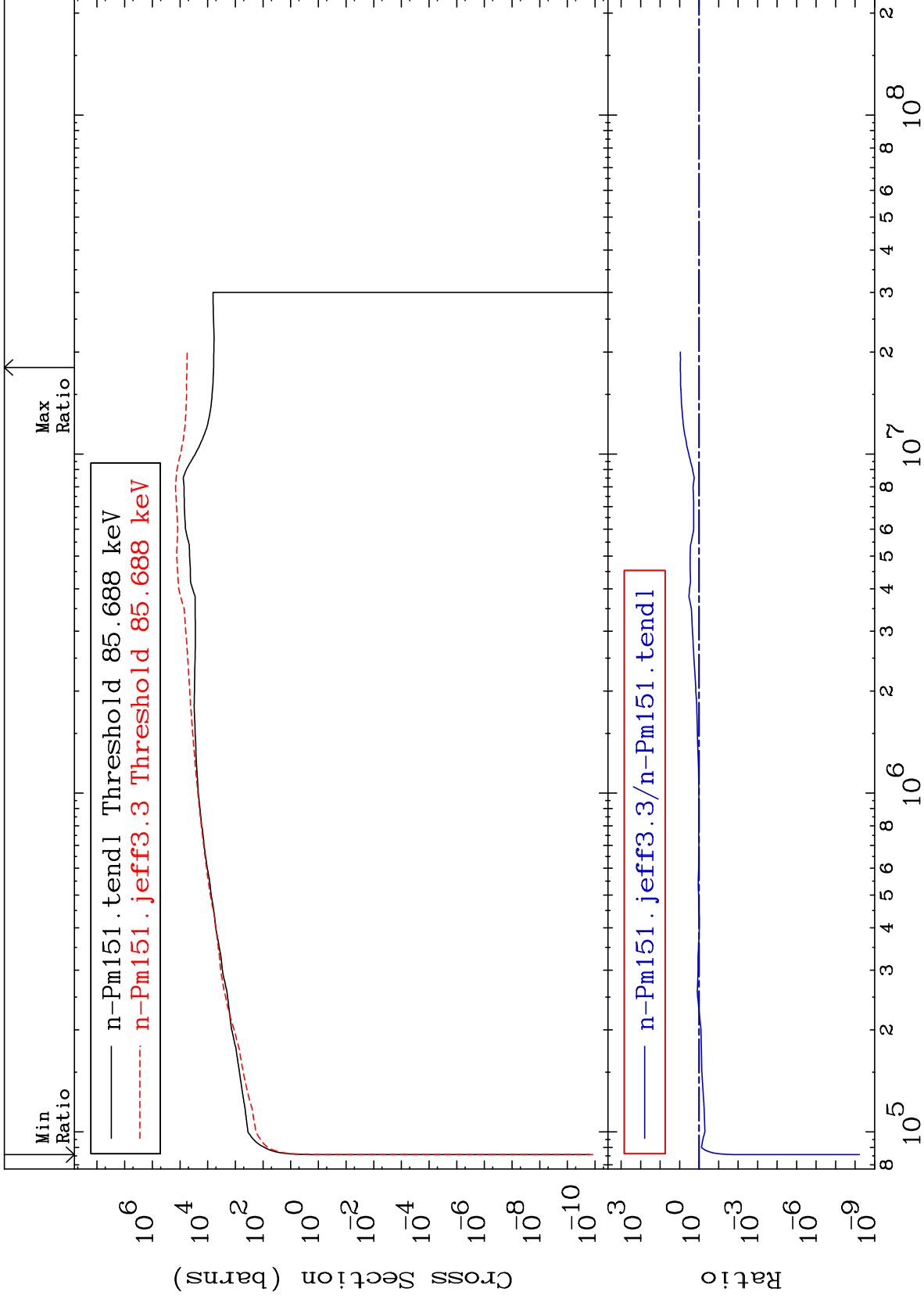
Incident Energy (eV)

61-Pm-151

MAT 6161

Dpa inelastic (mt51-91)
Cross Section

61-Pm-151
-100.0 To 821.6 %



37

Incident Energy (eV)

61-Pm-151

