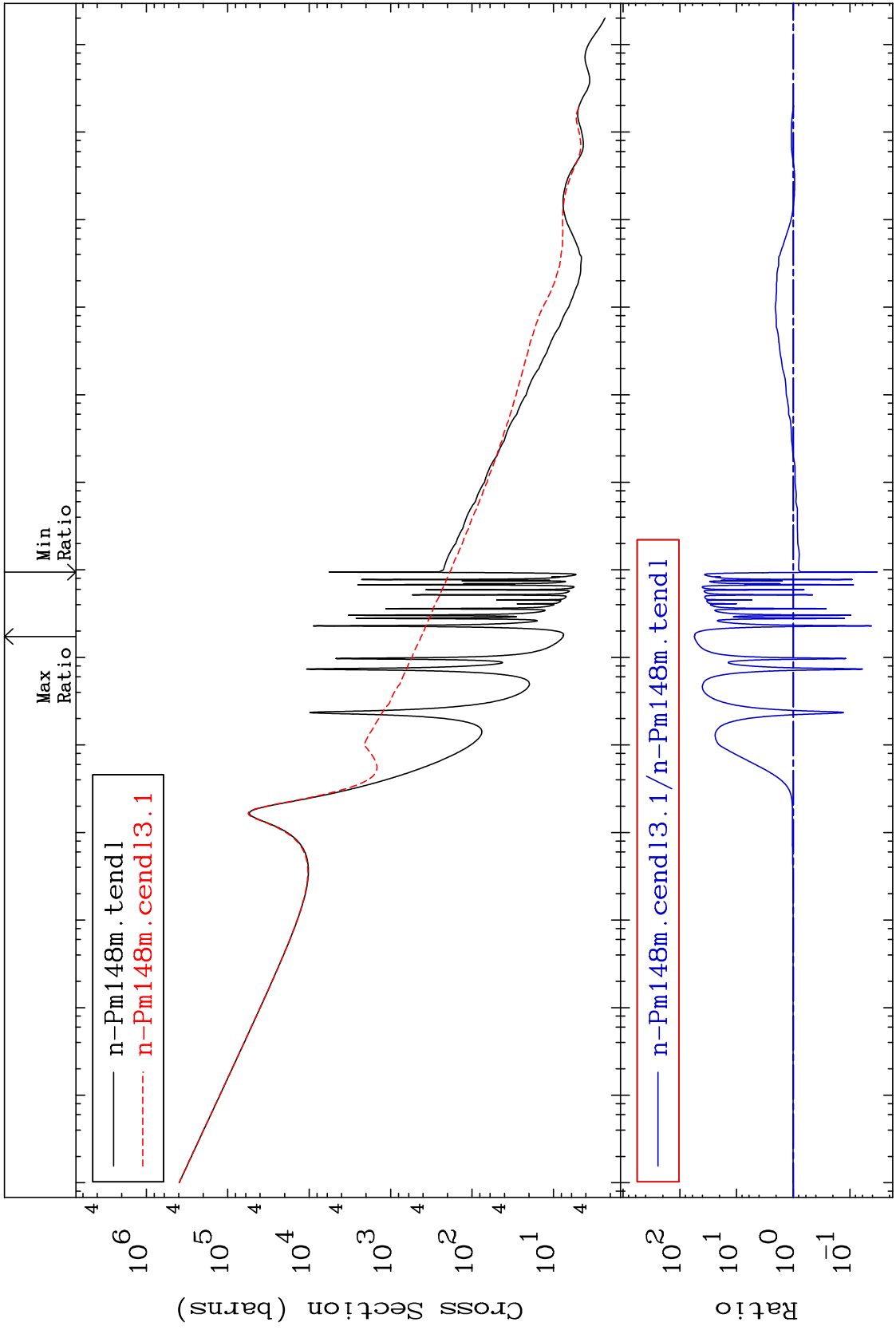


MAT 6153

Total
Cross Section

61-Pm-148
-96.69 To 5433. %



Incident Energy (eV)

61-Pm-148

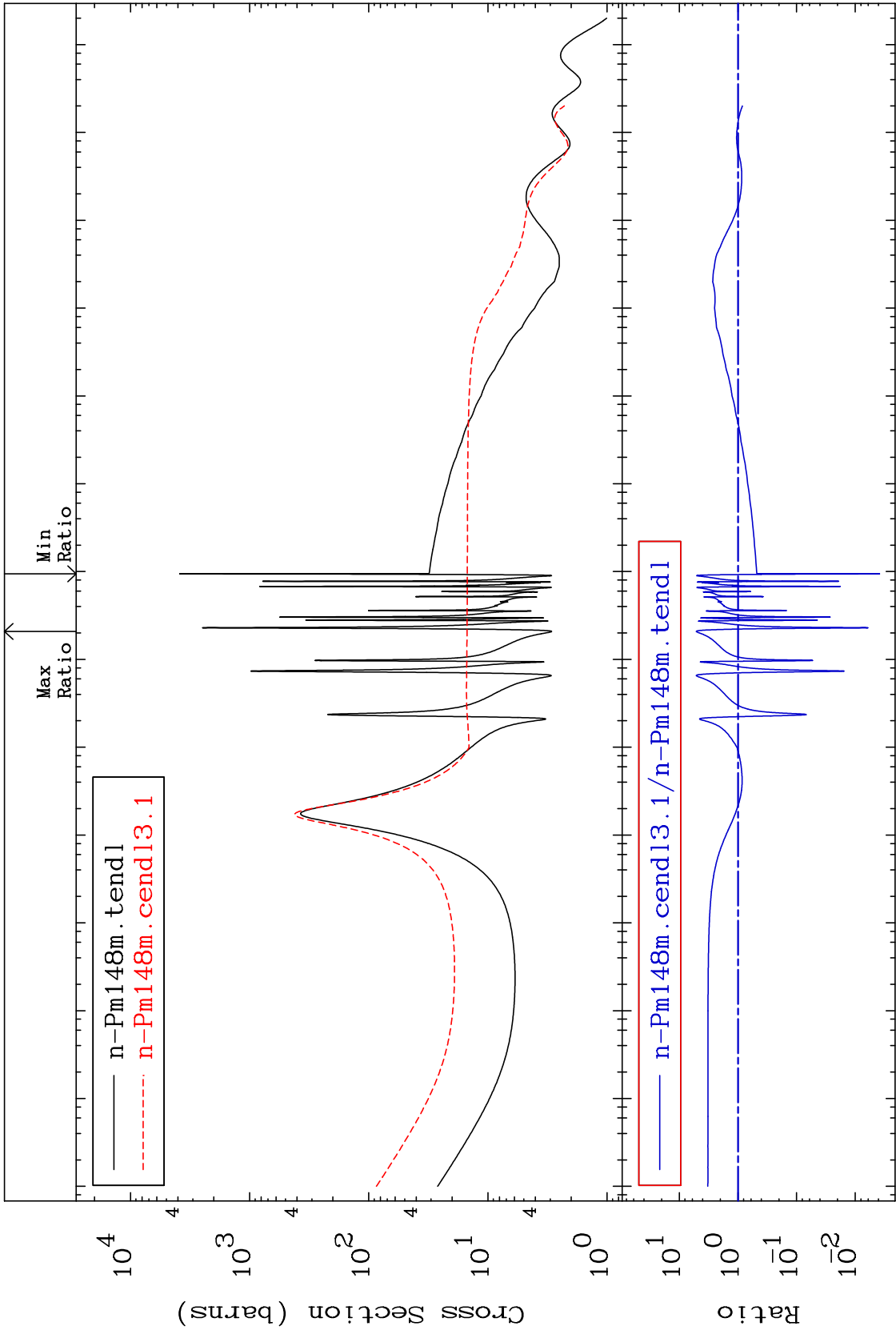
MAT 6153

Elastic

61-Pm-148

Cross Section

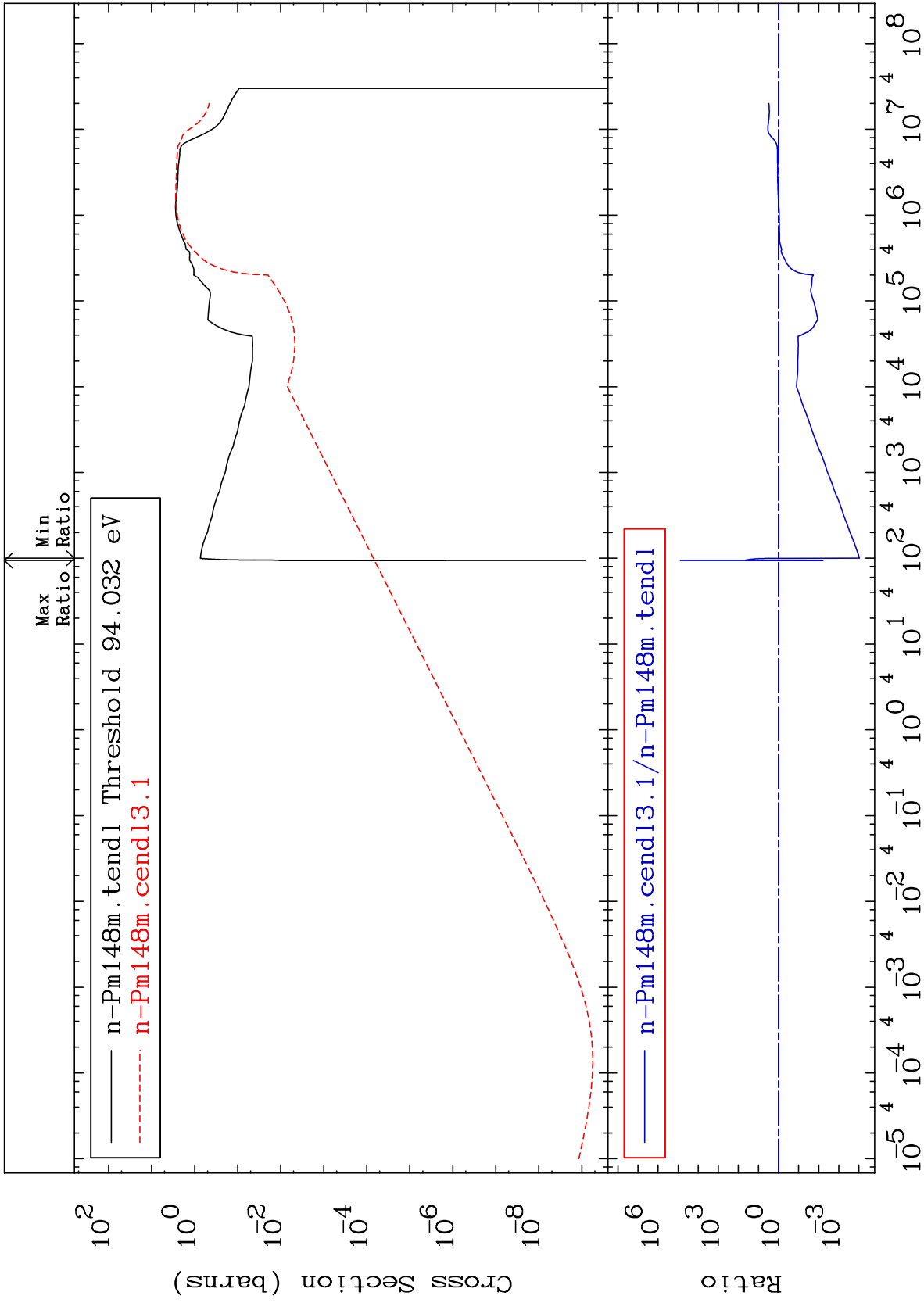
-99.62 To 414.3 %



MAT 6153

Inelastic
Cross Section

61-Pm-148
-99.99 To 9999. %



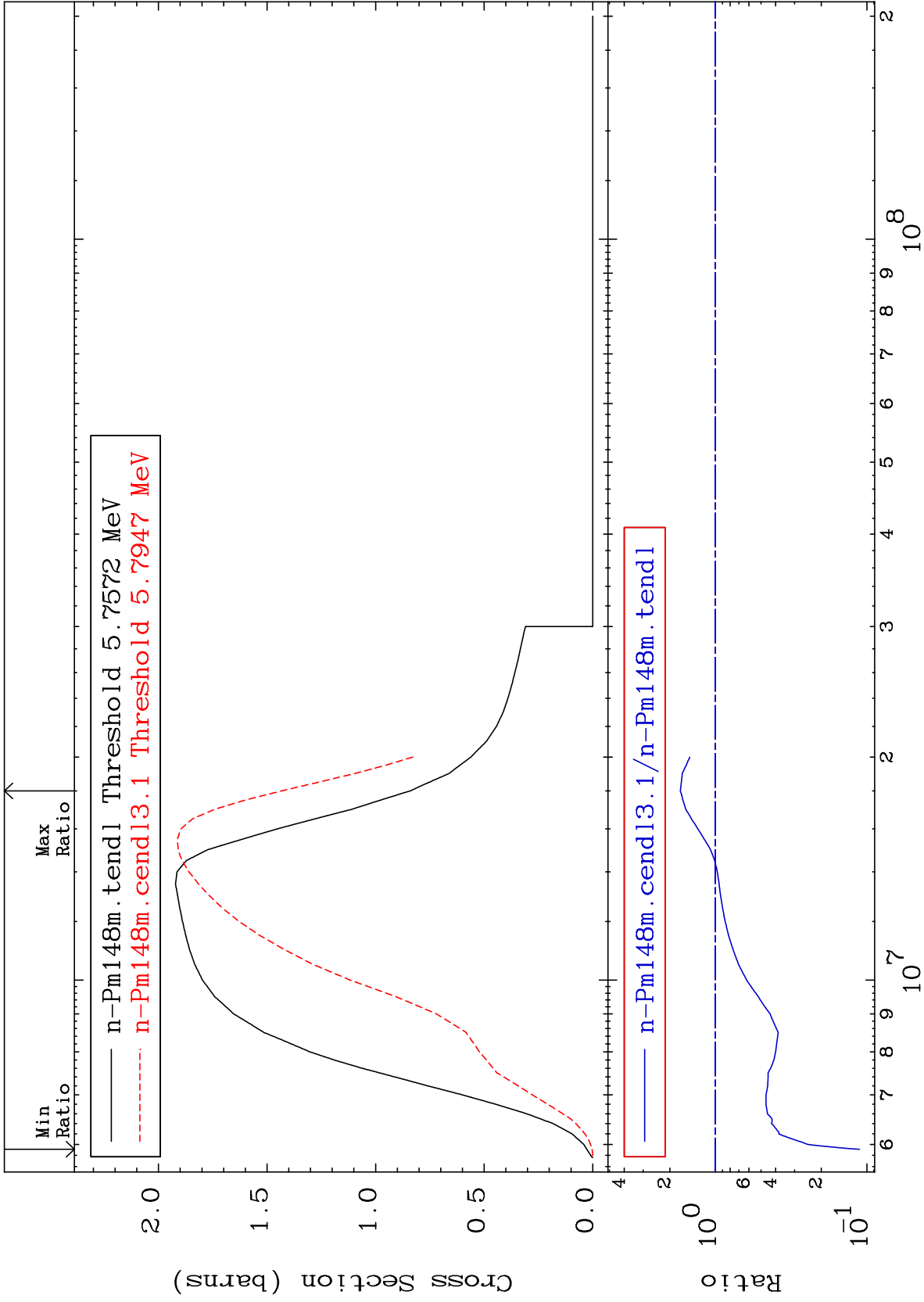
MAT 6153

(n,2n)

61-Pm-148

Cross Section

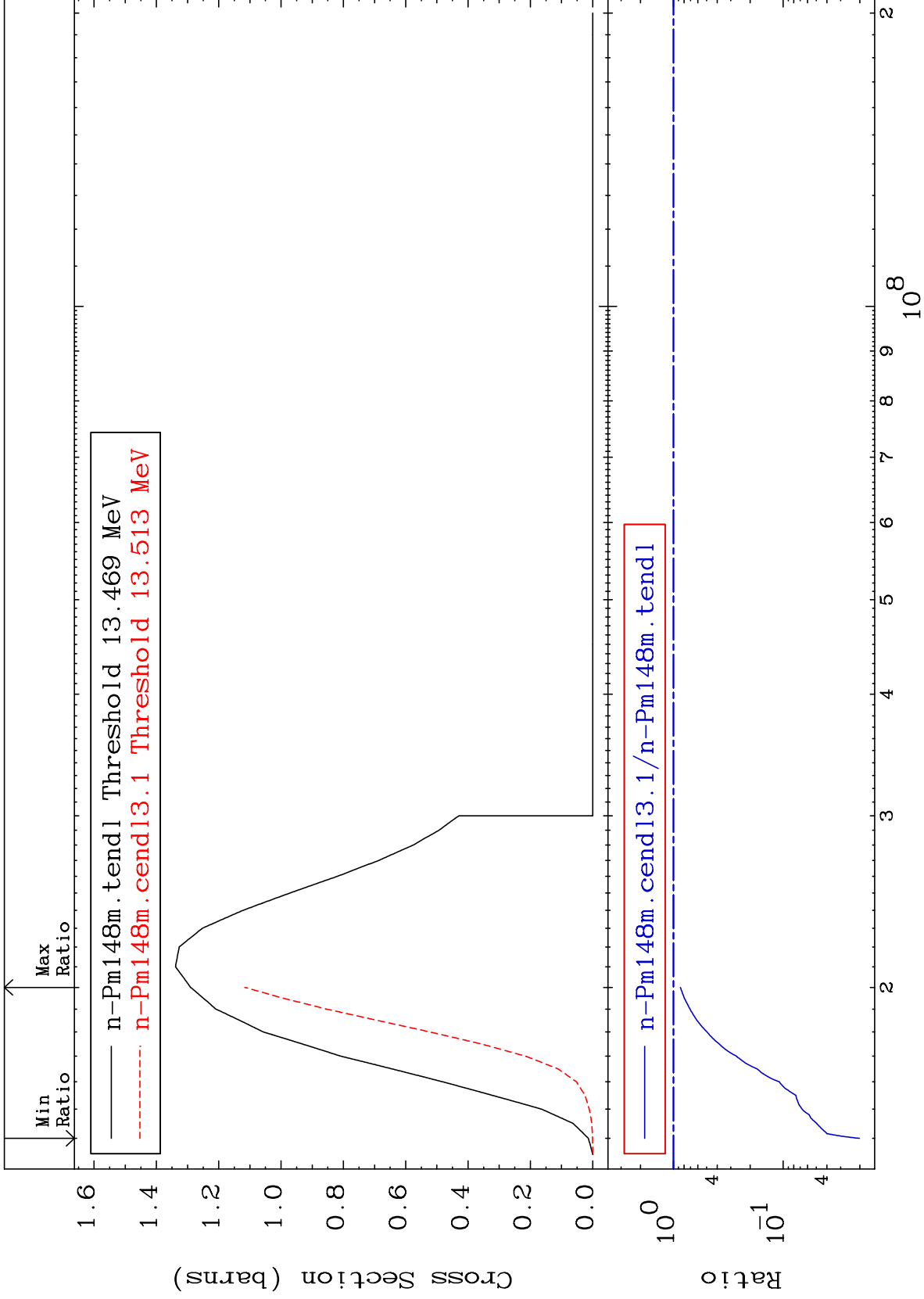
-88.80 To 70.33 %



MAT 6153

(n,3n)
Cross Section

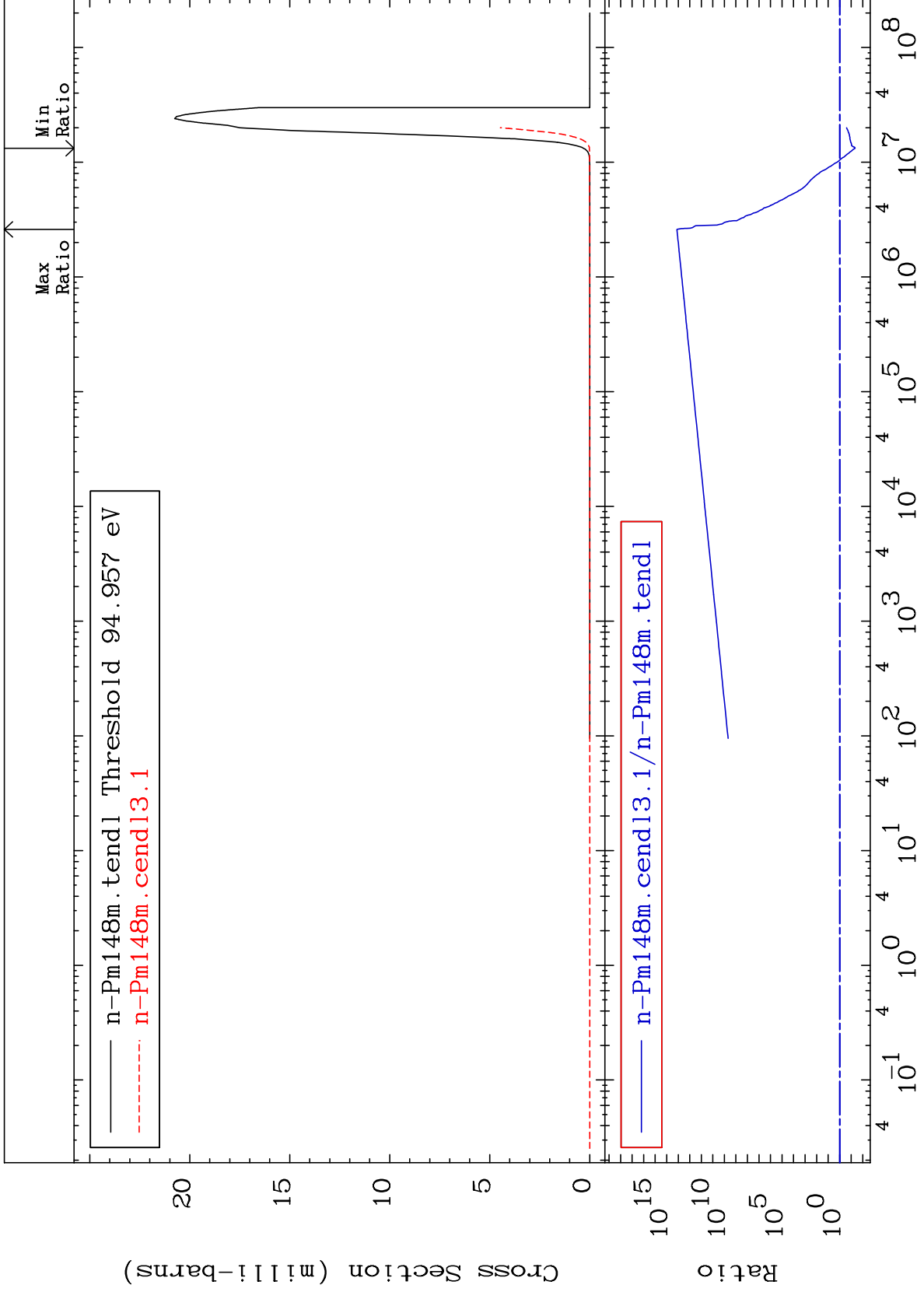
61-Pm-148
-97.98 To -13.47%



MAT 6153

$(n, n') \alpha$
Cross Section

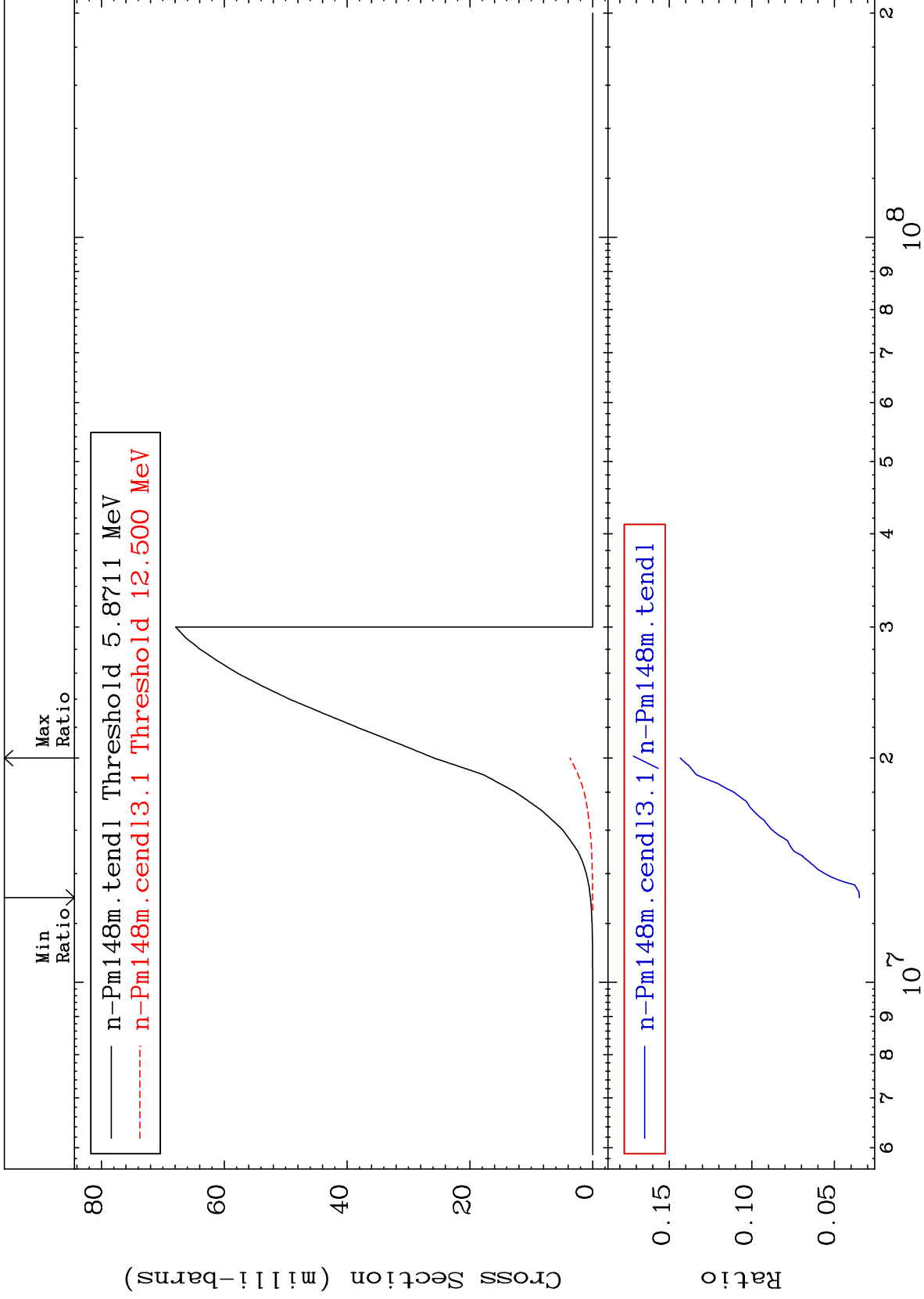
61-Pm-148
-95.40 To 9999. %



MAT 6153

(n,n') p
Cross Section

61-Pm-148
-96.51 To -85.67%



7

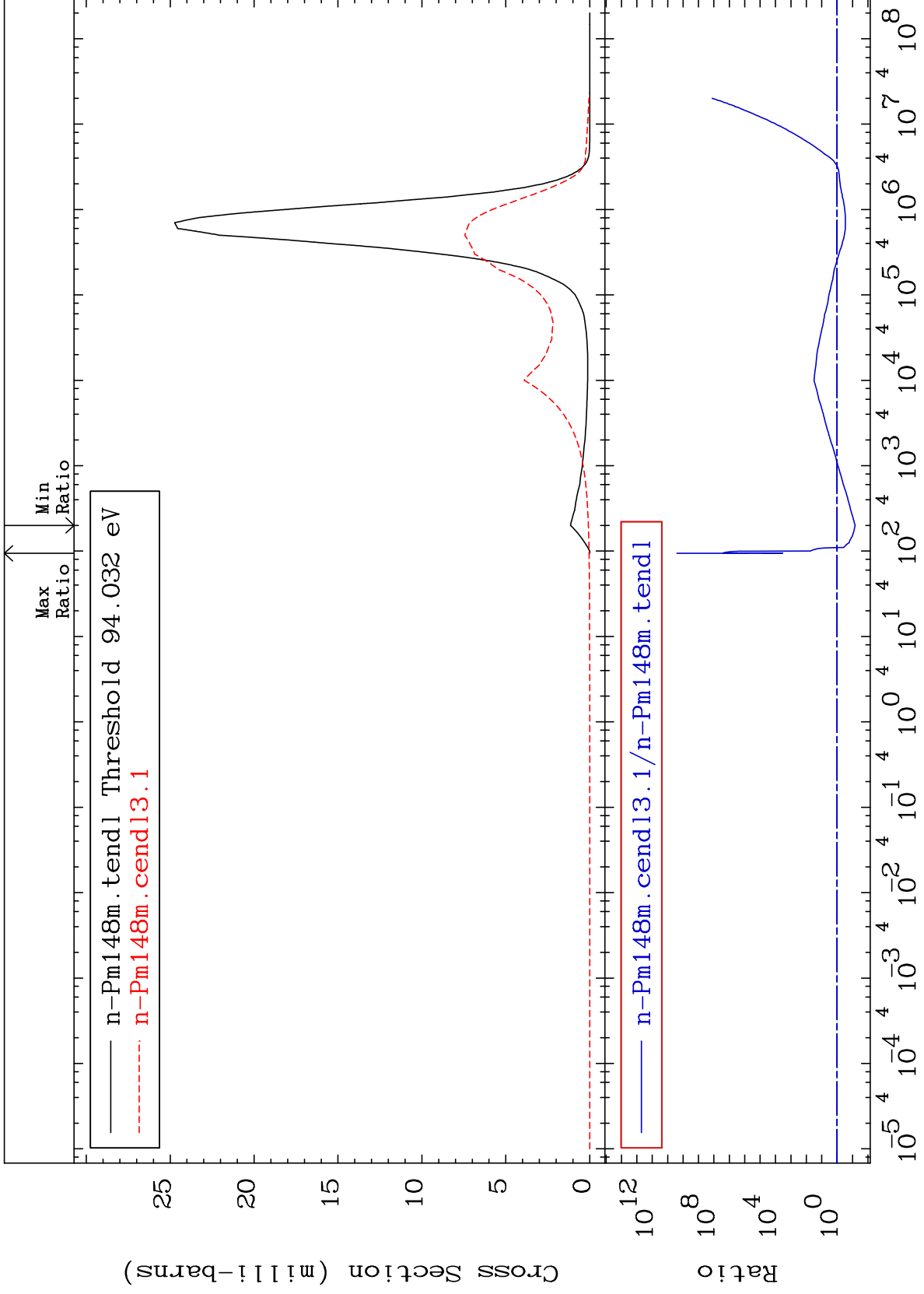
Incident Energy (eV)

61-Pm-148

MAT 6153

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

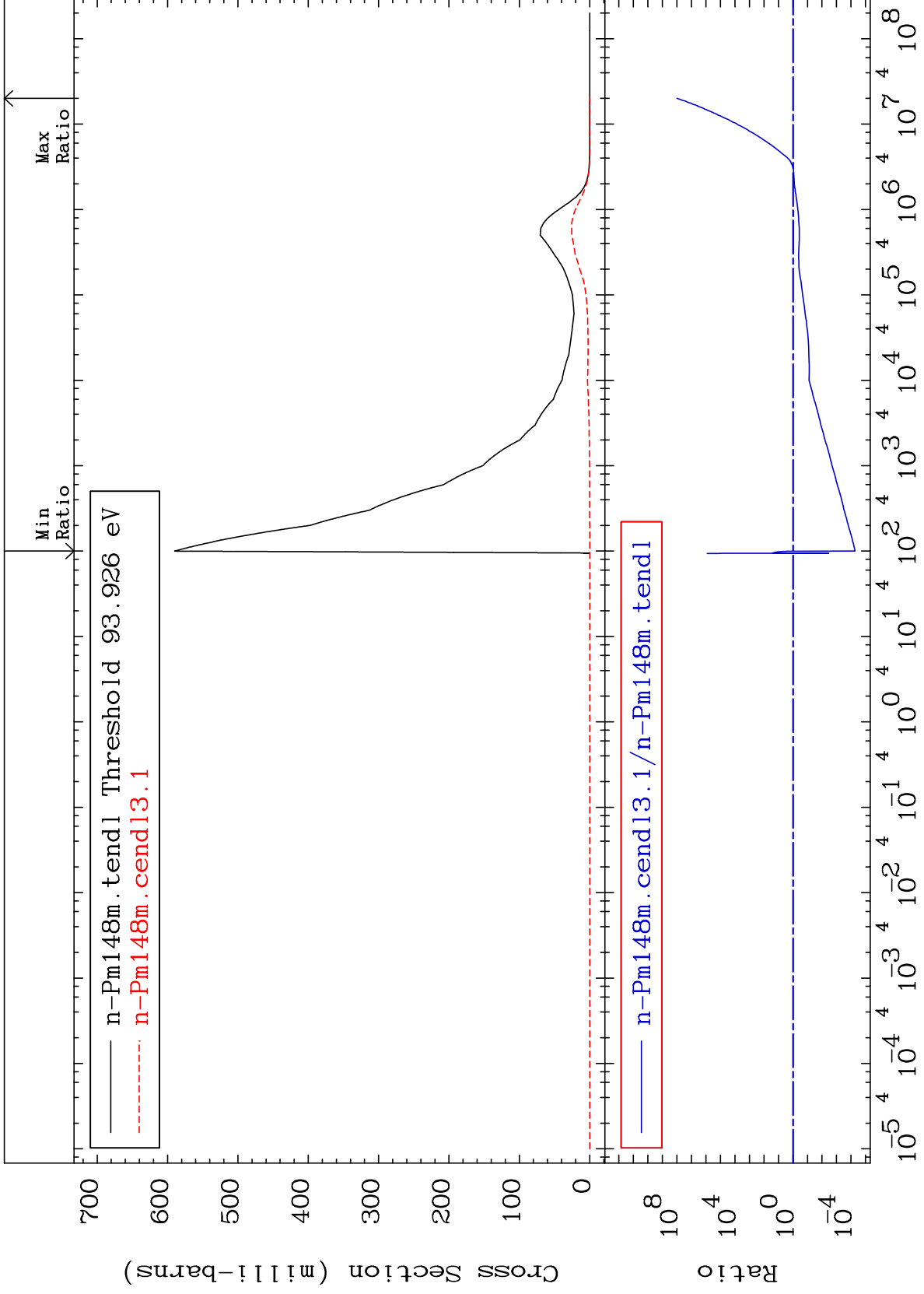
61-Pm-148
-93.17 To 9999. %



MAT 6153

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

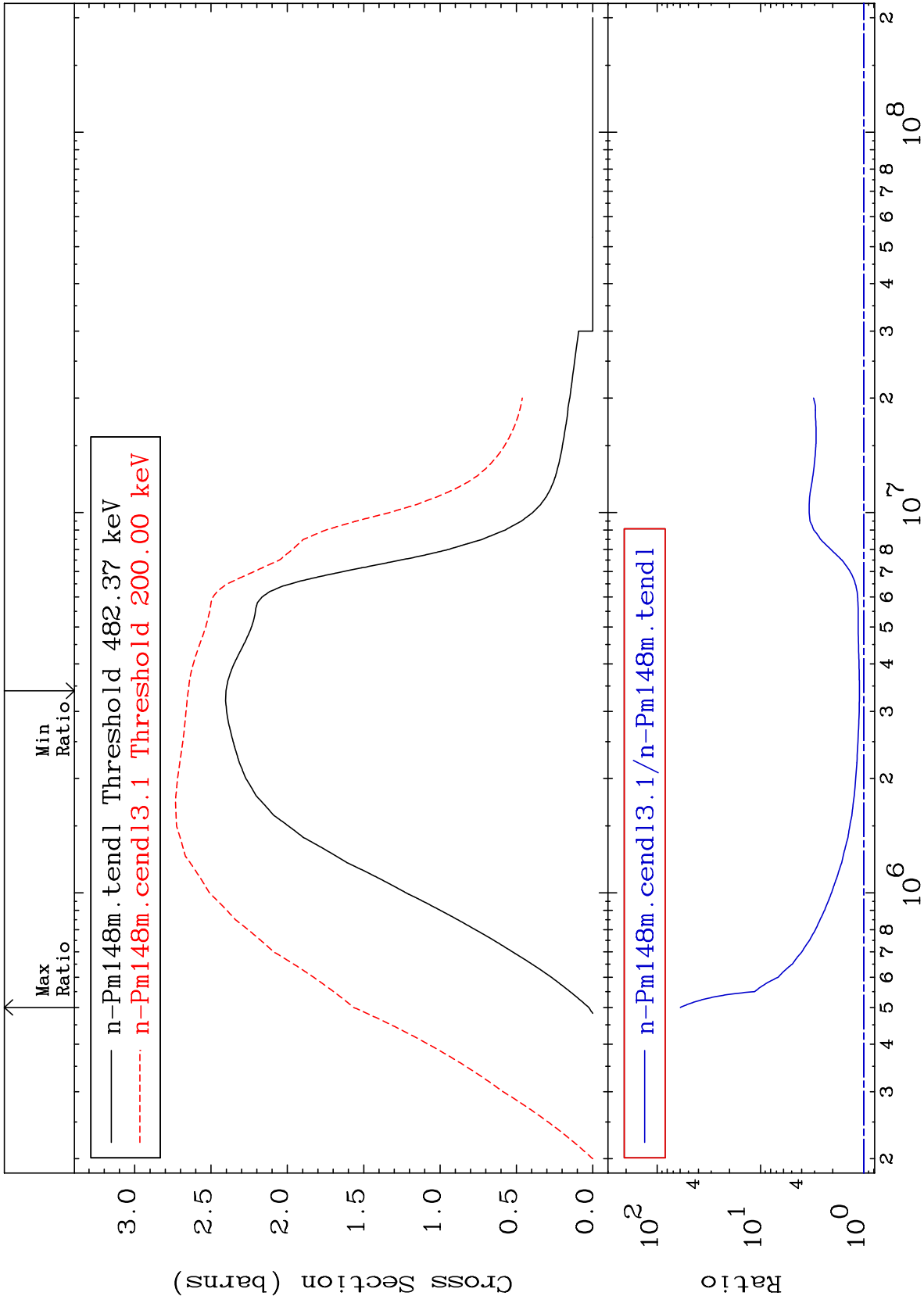
61-Pm-148
-99.99 To 9999. %



MAT 6153

(n, n') Continuum
Cross Section

61-Pm-148
10.30 To 5874. %



10

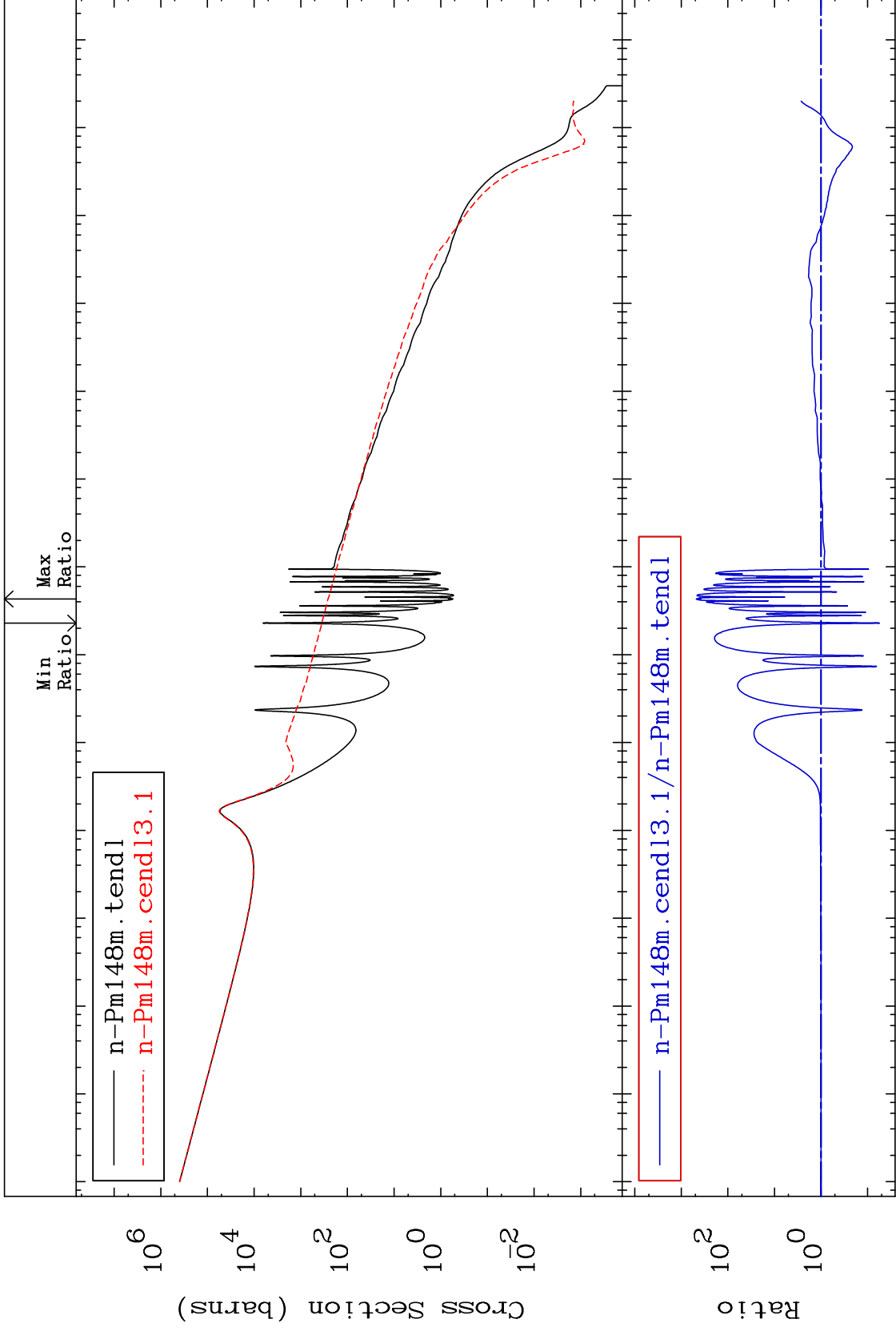
61-Pm-148

61-Pm-148

MAT 6153

(n, γ)
Cross Section

61-Pm-148
-94.46 To 9999. %



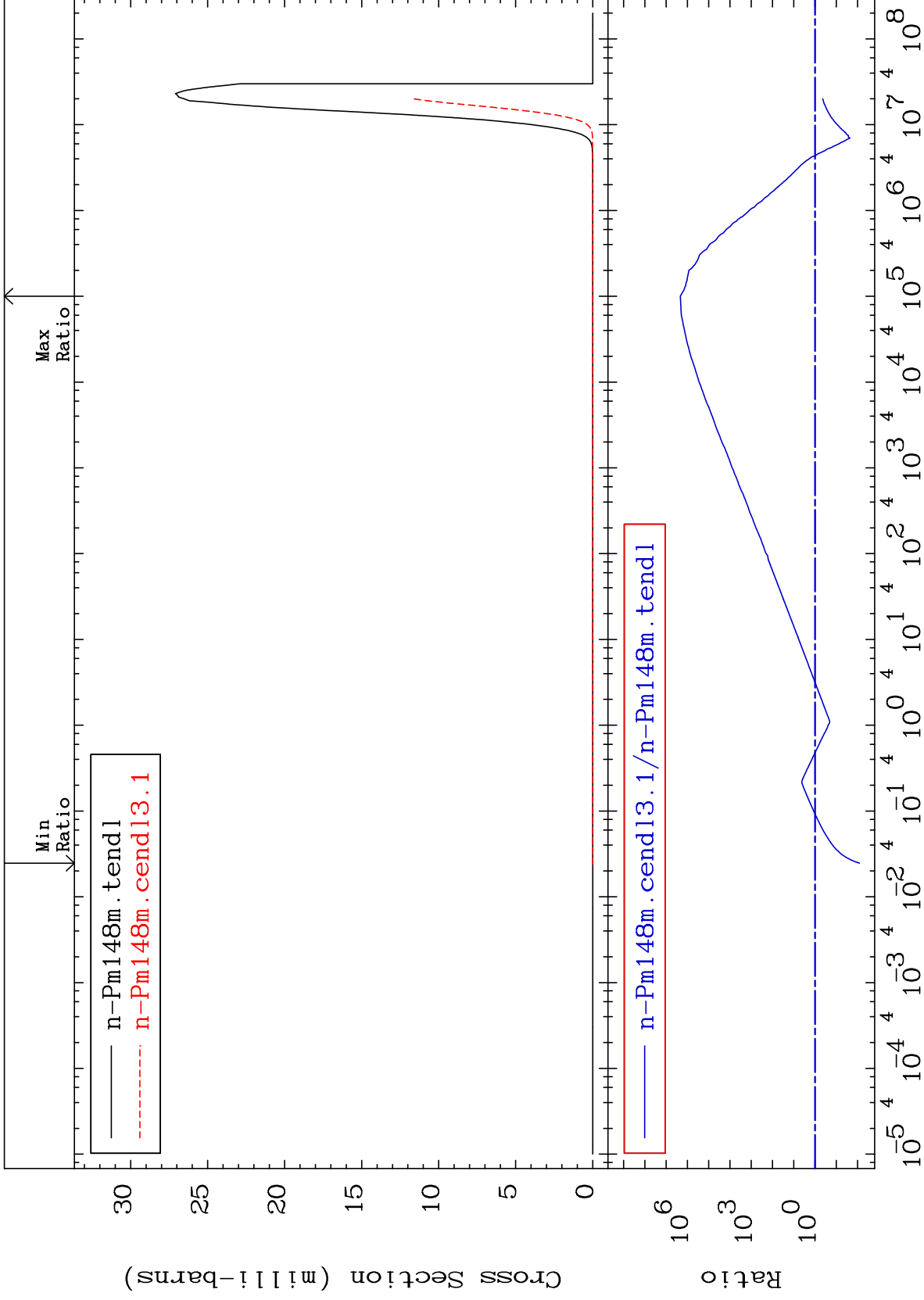
MAT 6153

(n, p)

61-Pm-148

Cross Section

-99.18 To 9999. %



12

Incident Energy (eV)

61-Pm-148

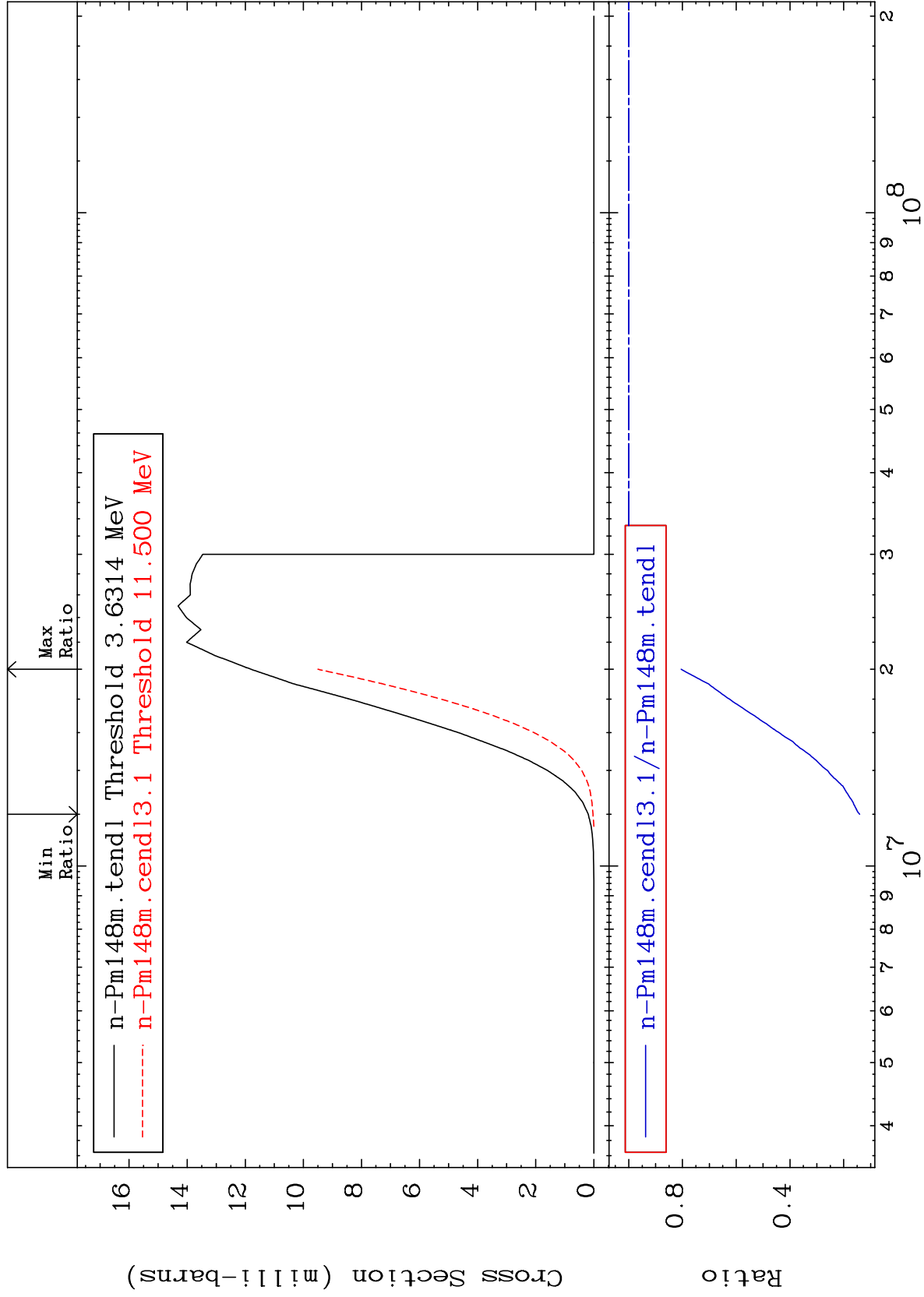
MAT 6153

(n, d)

61-Pm-148

Cross Section

-85.92 To -19.51%



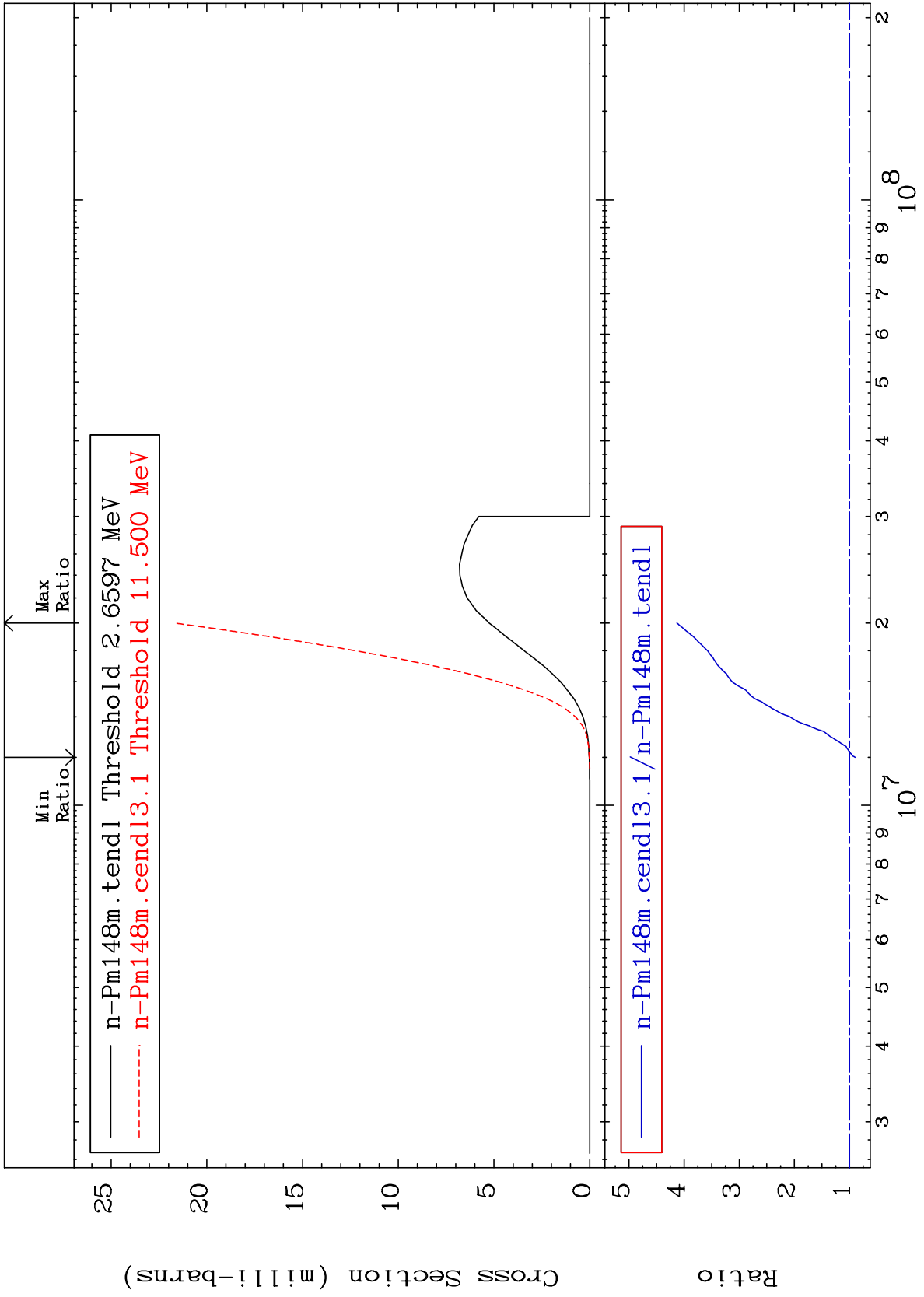
13

Incident Energy (eV)

61-Pm-148

MAT 6153

(n, t) Cross Section
61-Pm-148
-10.16 To 313.0 %



14

Incident Energy (eV)

61-Pm-148

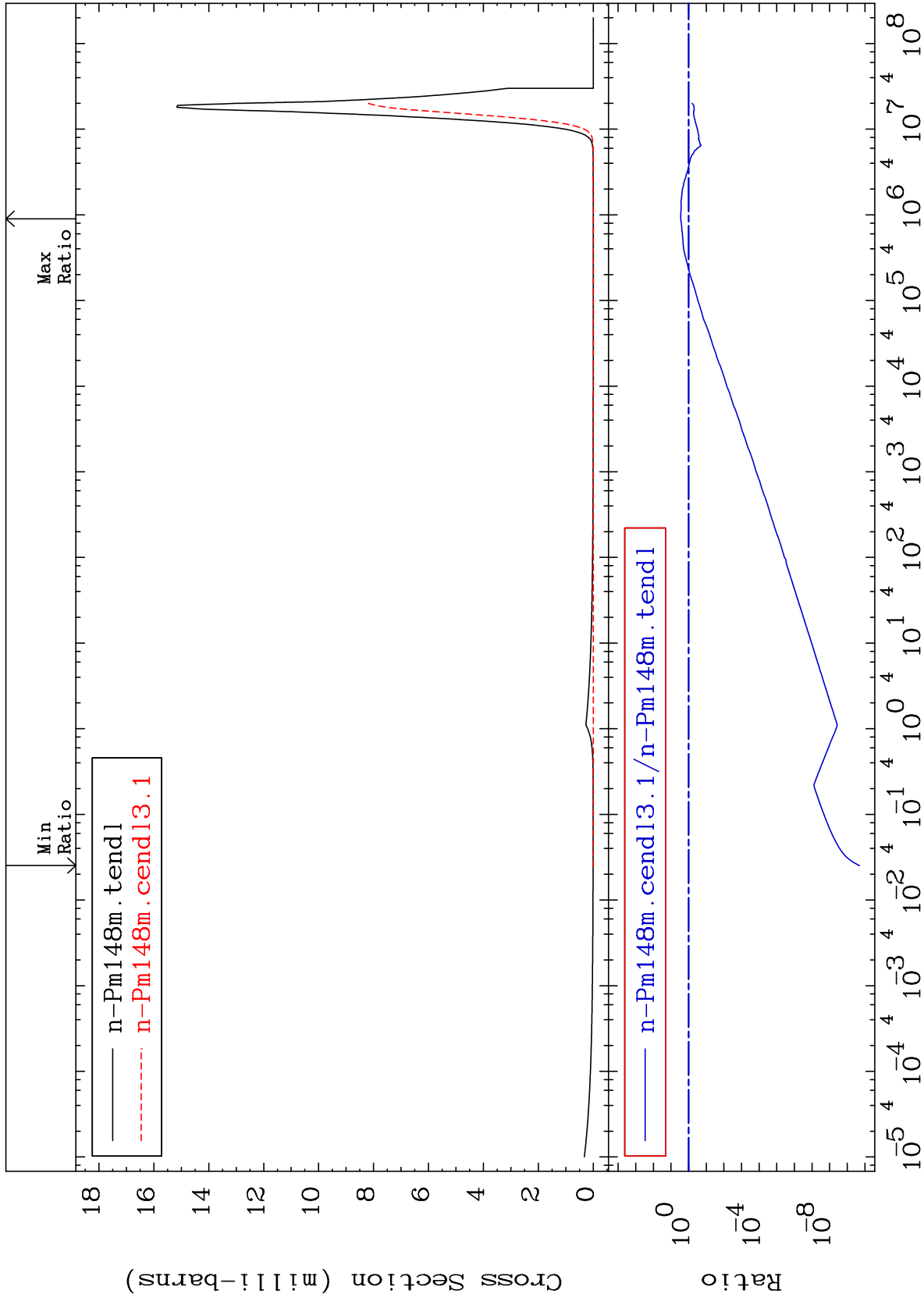
MAT 6153

(n, α)

61-Pm-148

Cross Section

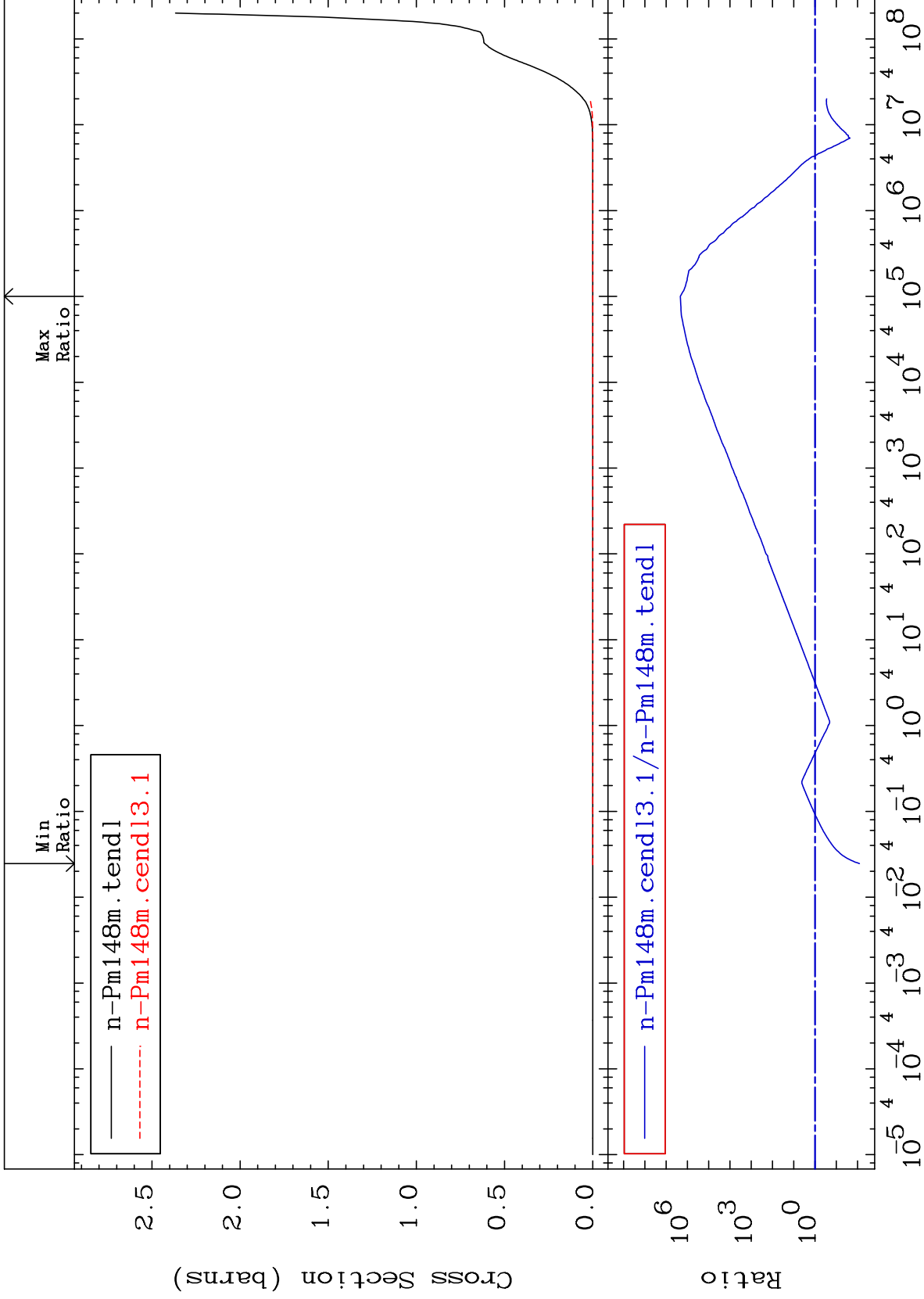
-100.0 To 180.1 %



MAT 6153

Hydrogen Production
Cross Section

61-Pm-148
-99.18 To 9999. %



16

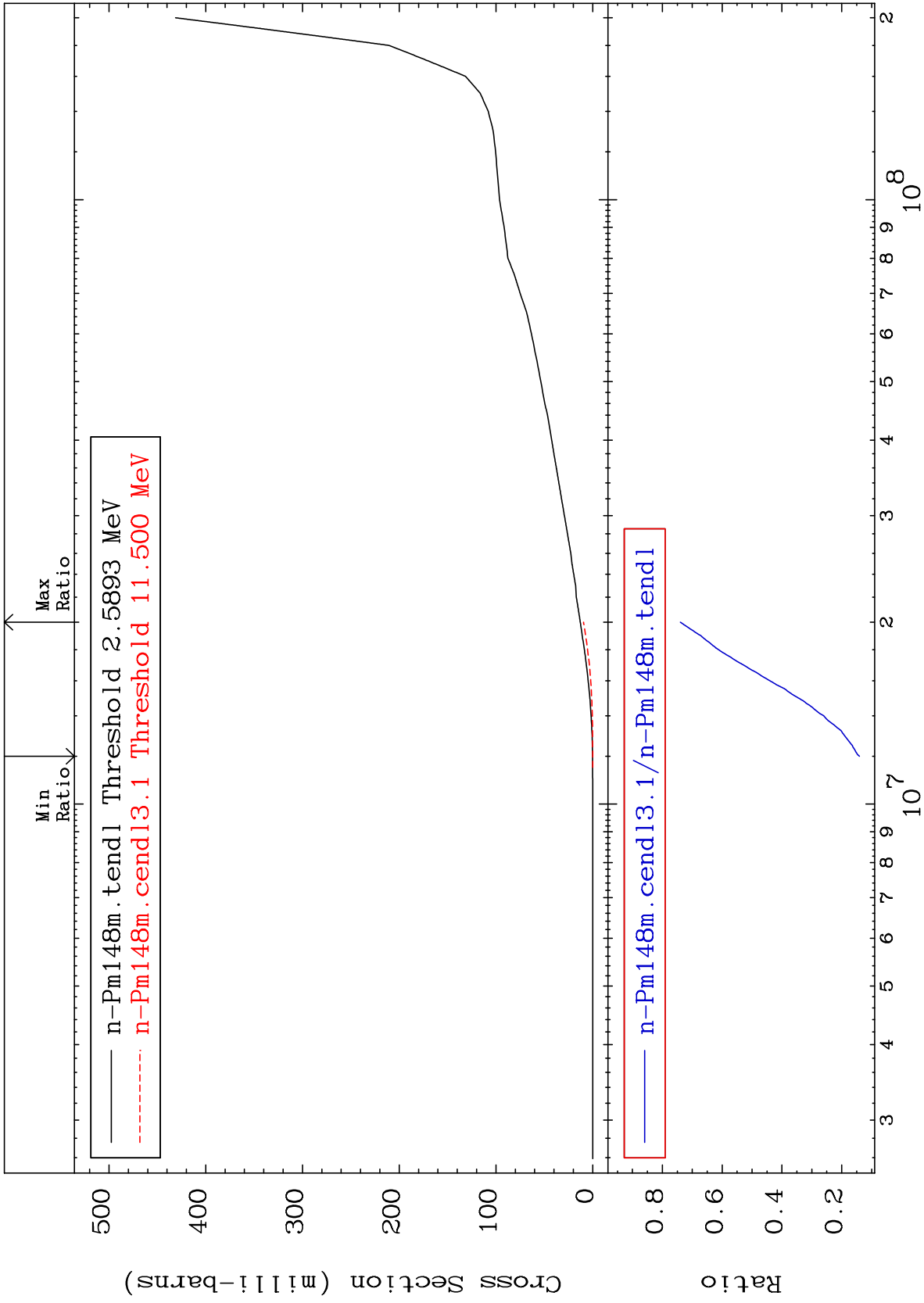
Incident Energy (eV)

61-Pm-148

MAT 6153

Deuterium Production
Cross Section

61-Pm-148
-85.92 To -26.02%



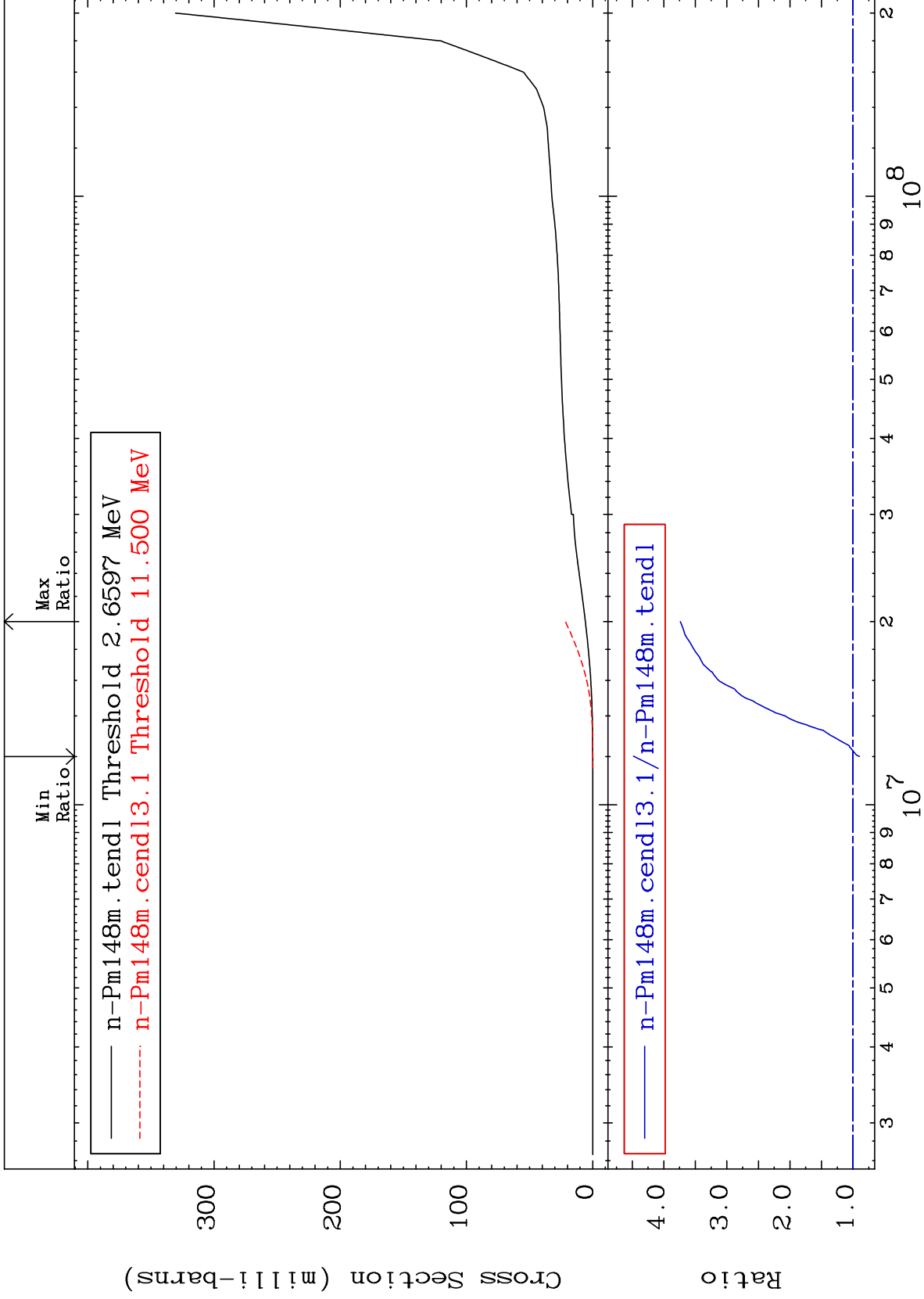
17

61-Pm-148

MAT 6153

Tritium Production
Cross Section

61-Pm-148
-10.16 To 273.7 %



18

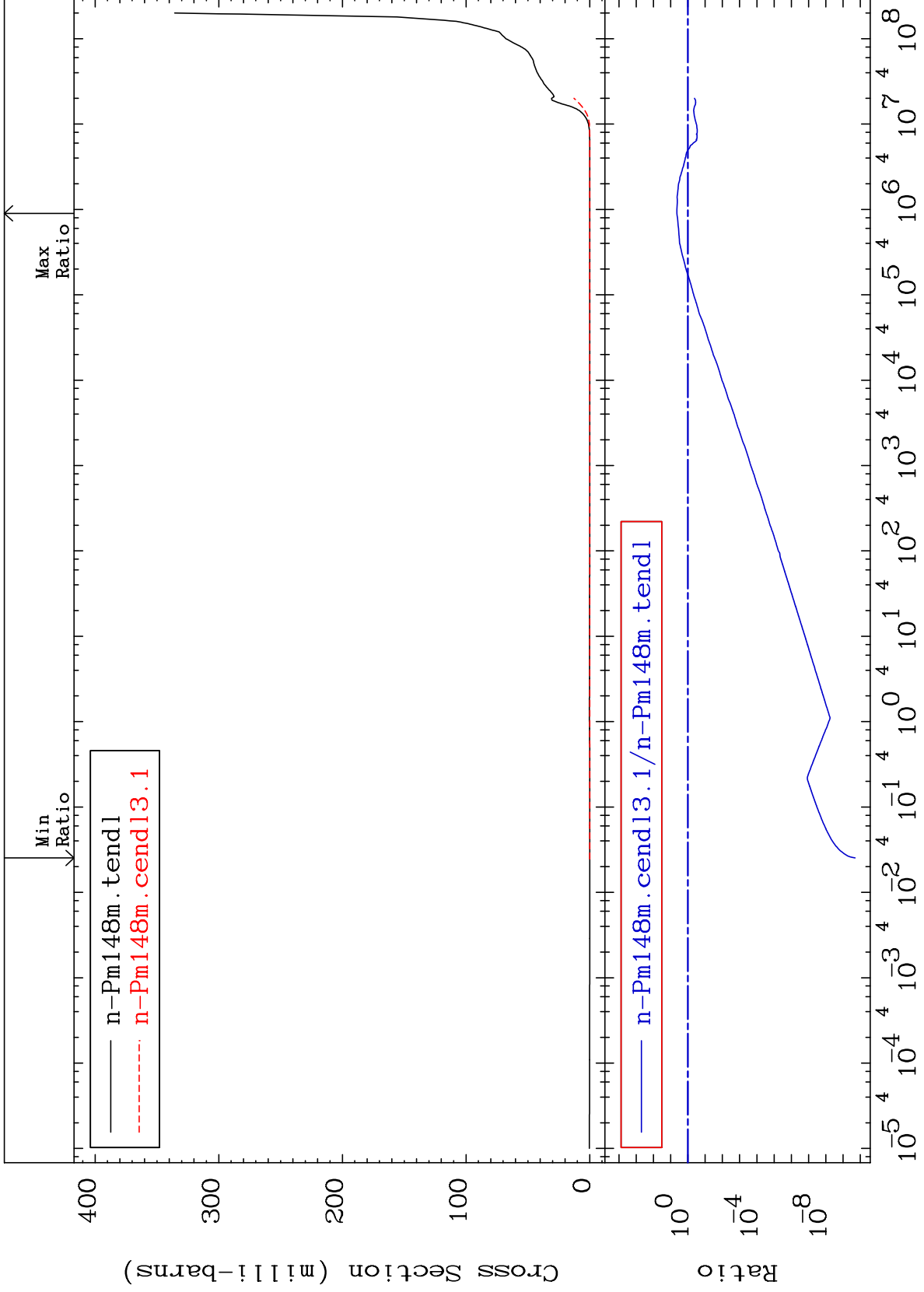
Incident Energy (eV)

61-Pm-148

MAT 6153

He-4 Production
Cross Section

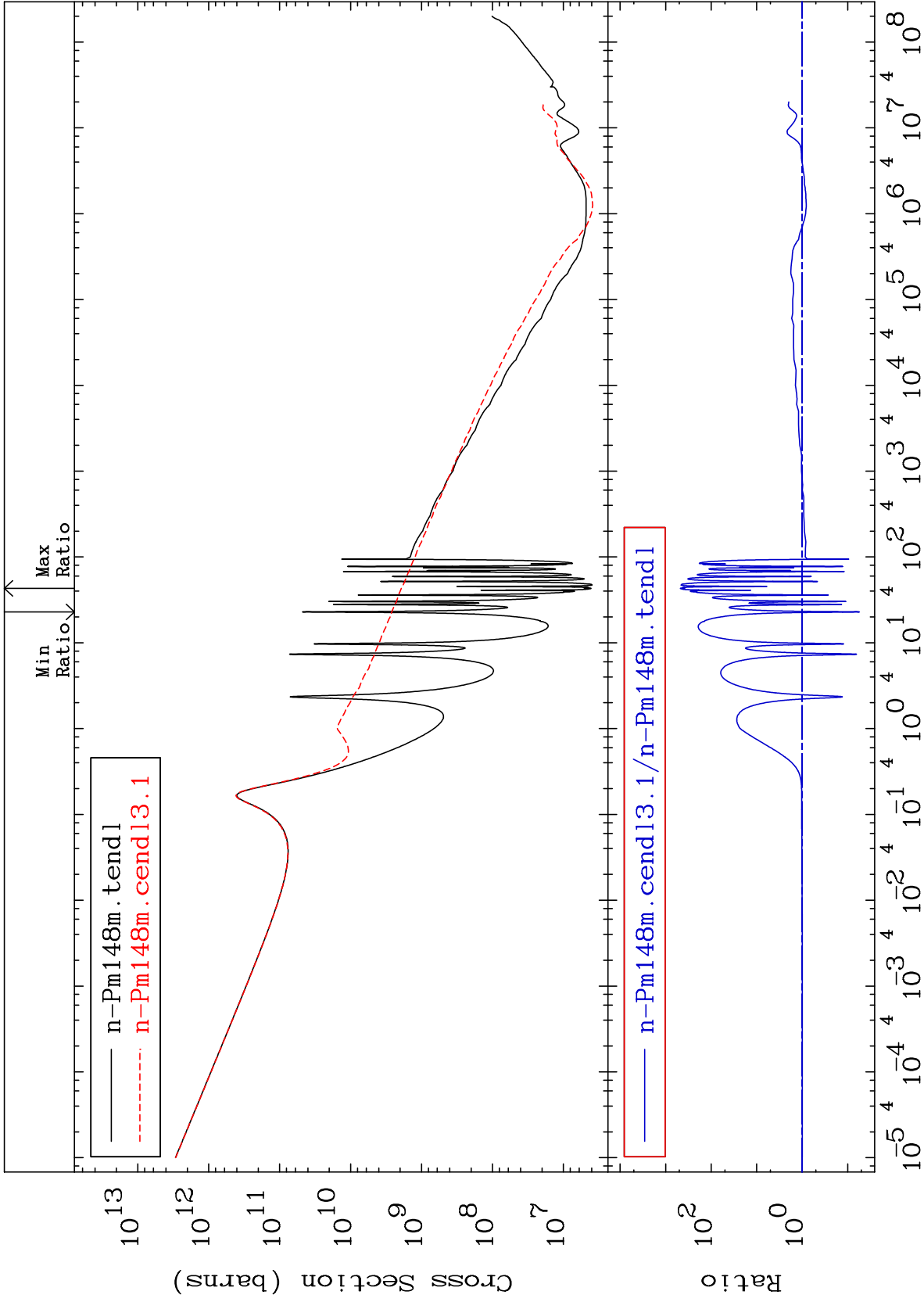
61-Pm-148
-100.0 To 332.3 %



19

Incident Energy (eV)

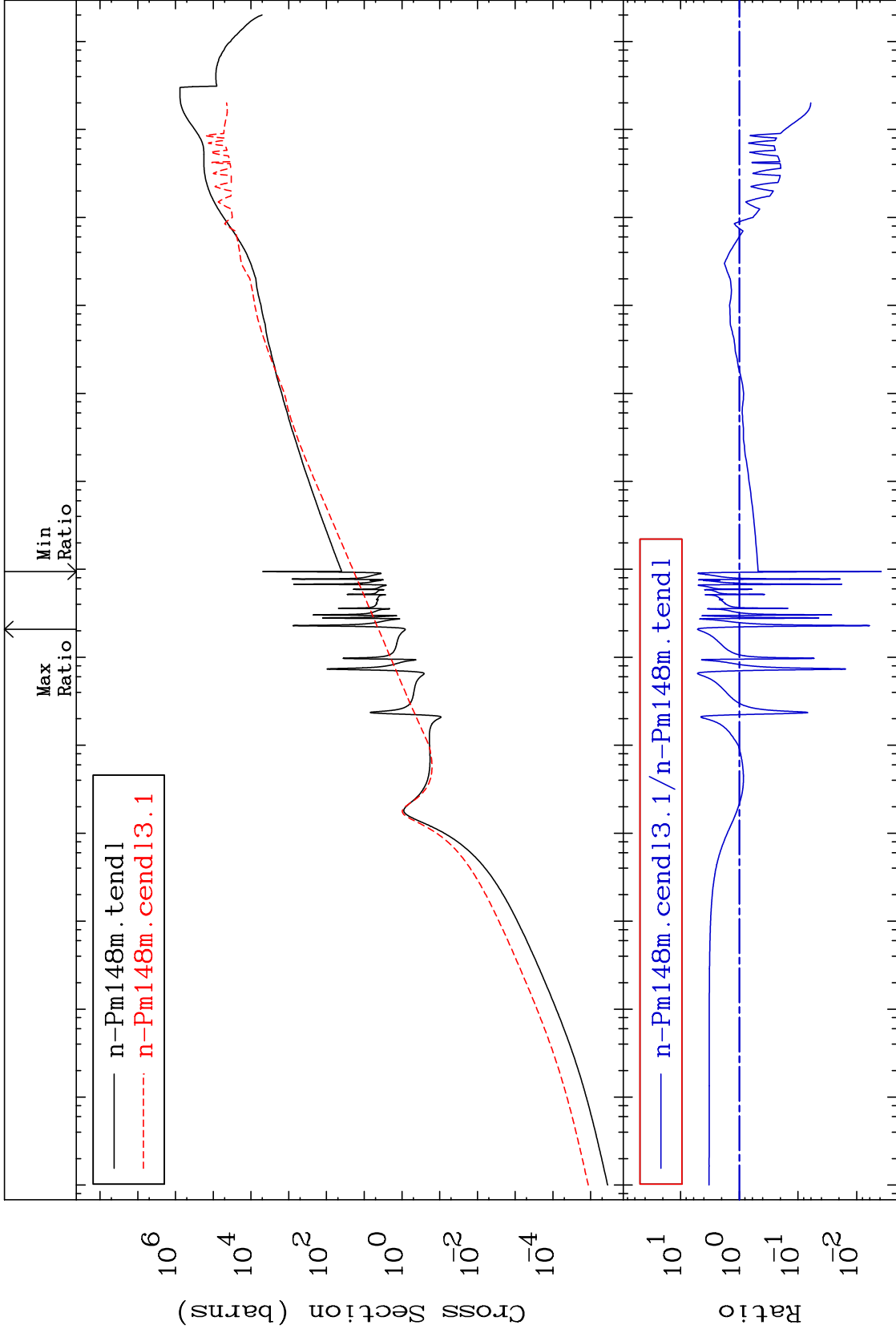
61-Pm-148



MAT 6153

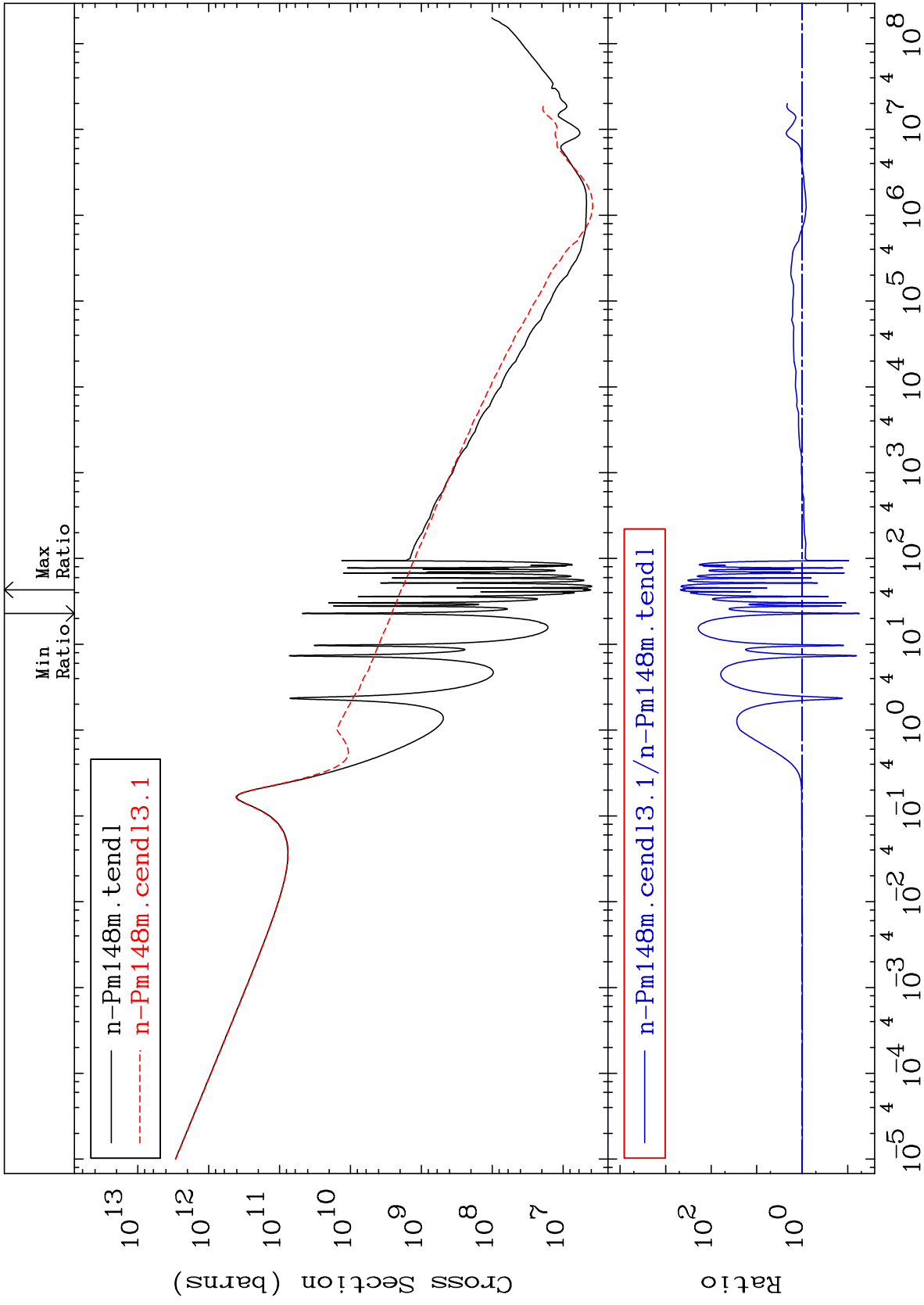
Kerma elastic
Cross Section

61-Pm-148
-99.62 To 414.2 %



— n-Pm148m.tendl
- - - n-Pm148m.cendl3.1

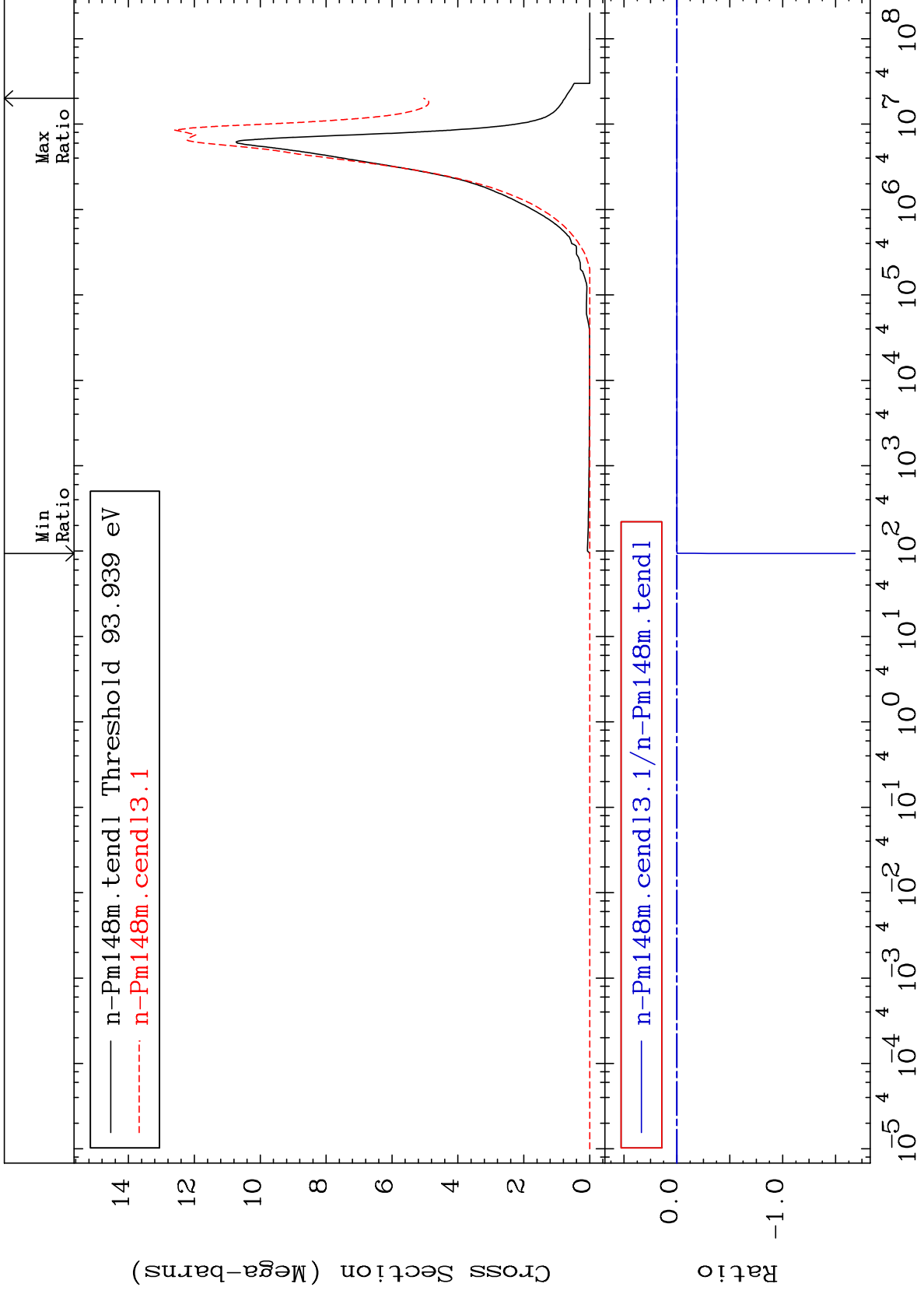
— n-Pm148m.cendl3.1/n-Pm148m.tendl



MAT 6153

Kerma inelastic (mt51-91)
Cross Section

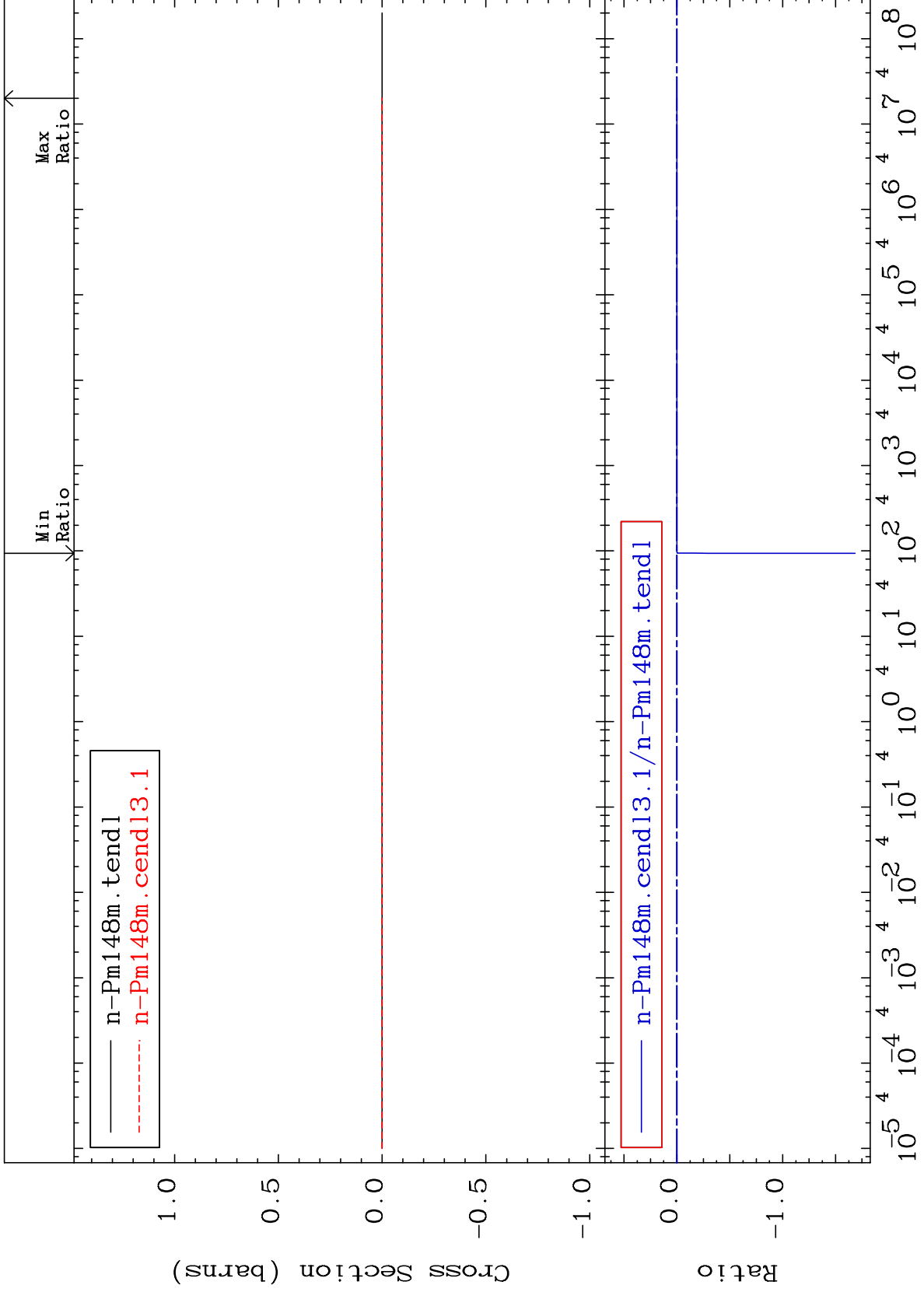
61-Pm-148
-9999. To 570.0 %

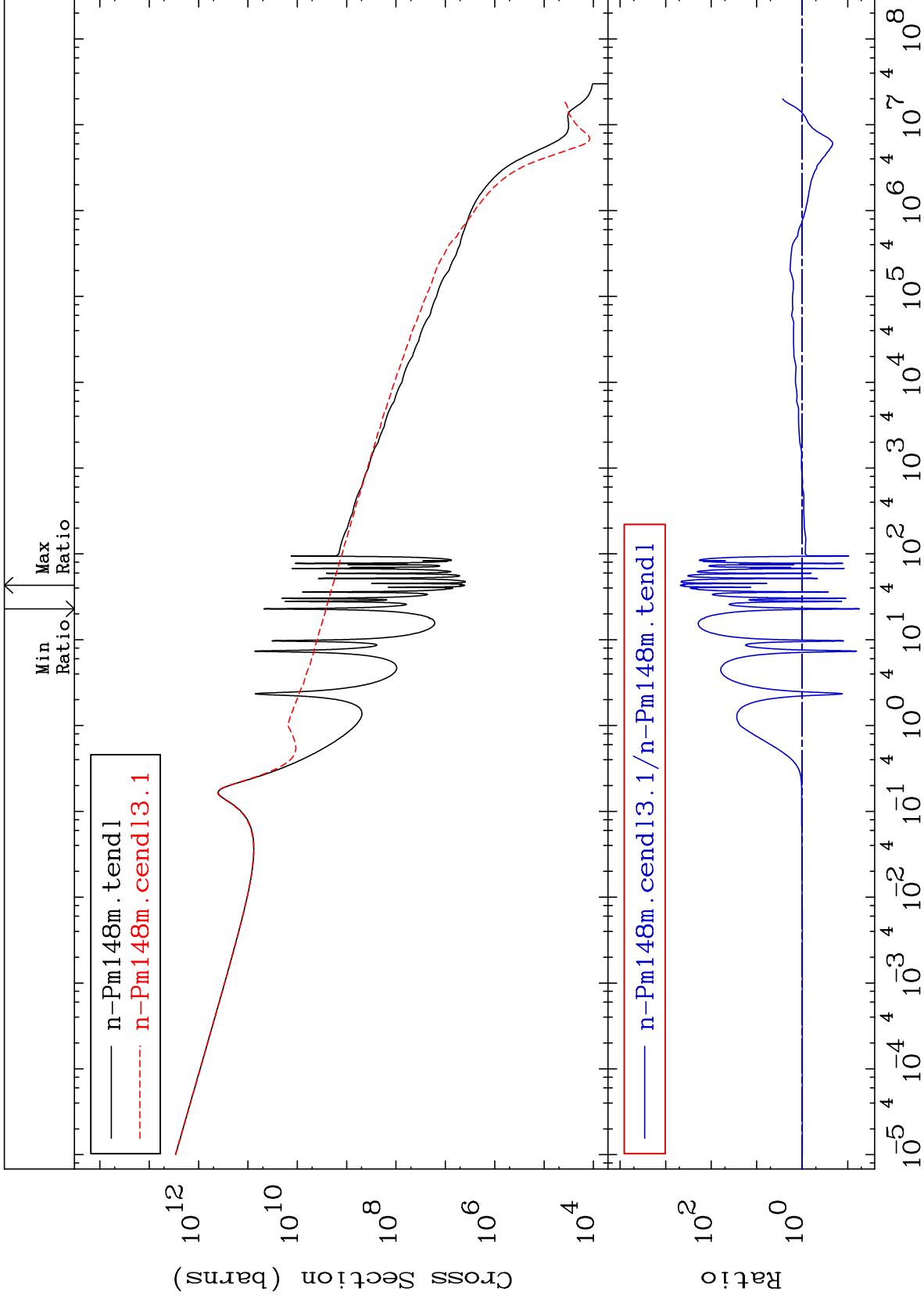


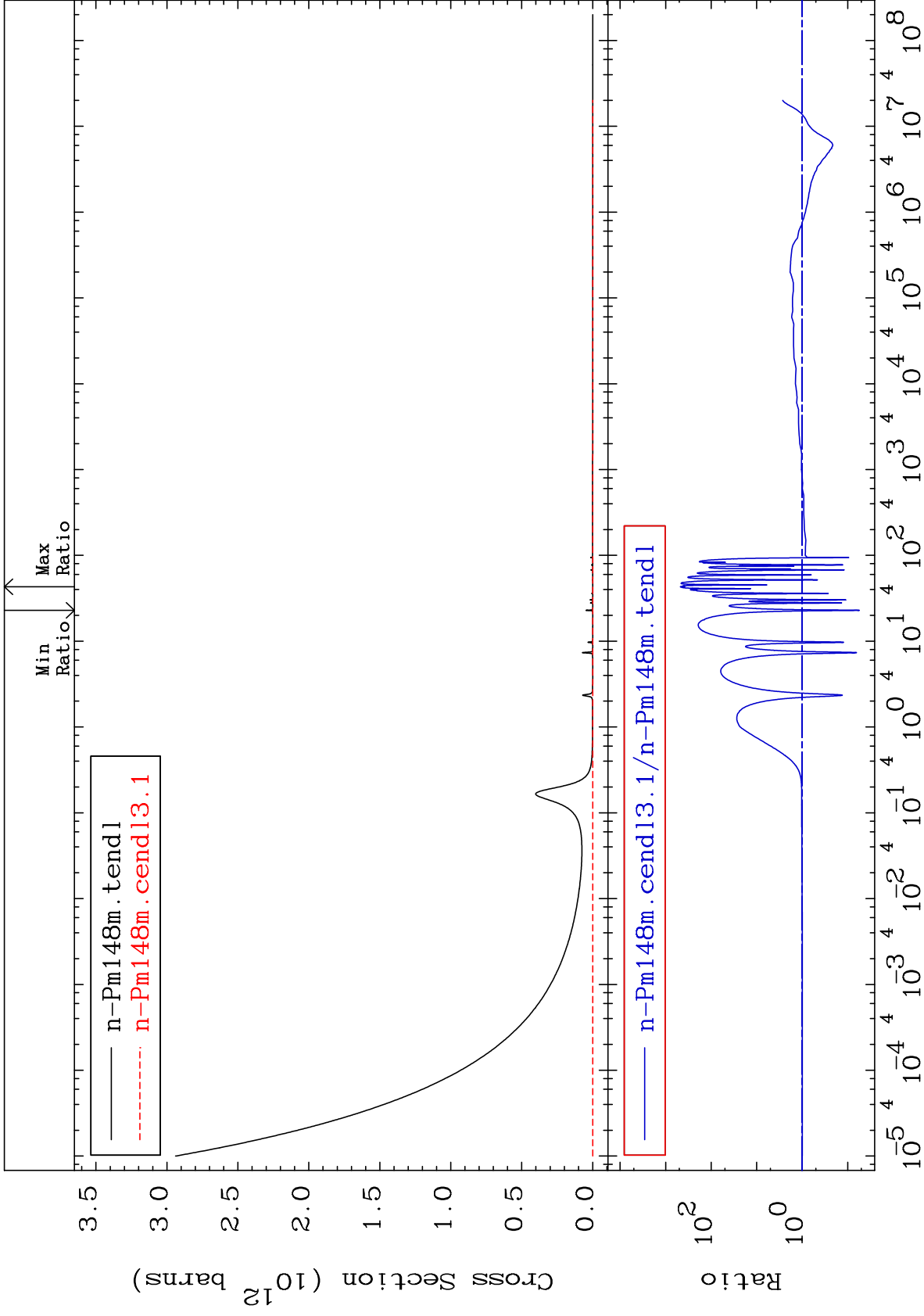
MAT 6153

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

61-Pm-148
-9999. To 570.0 %



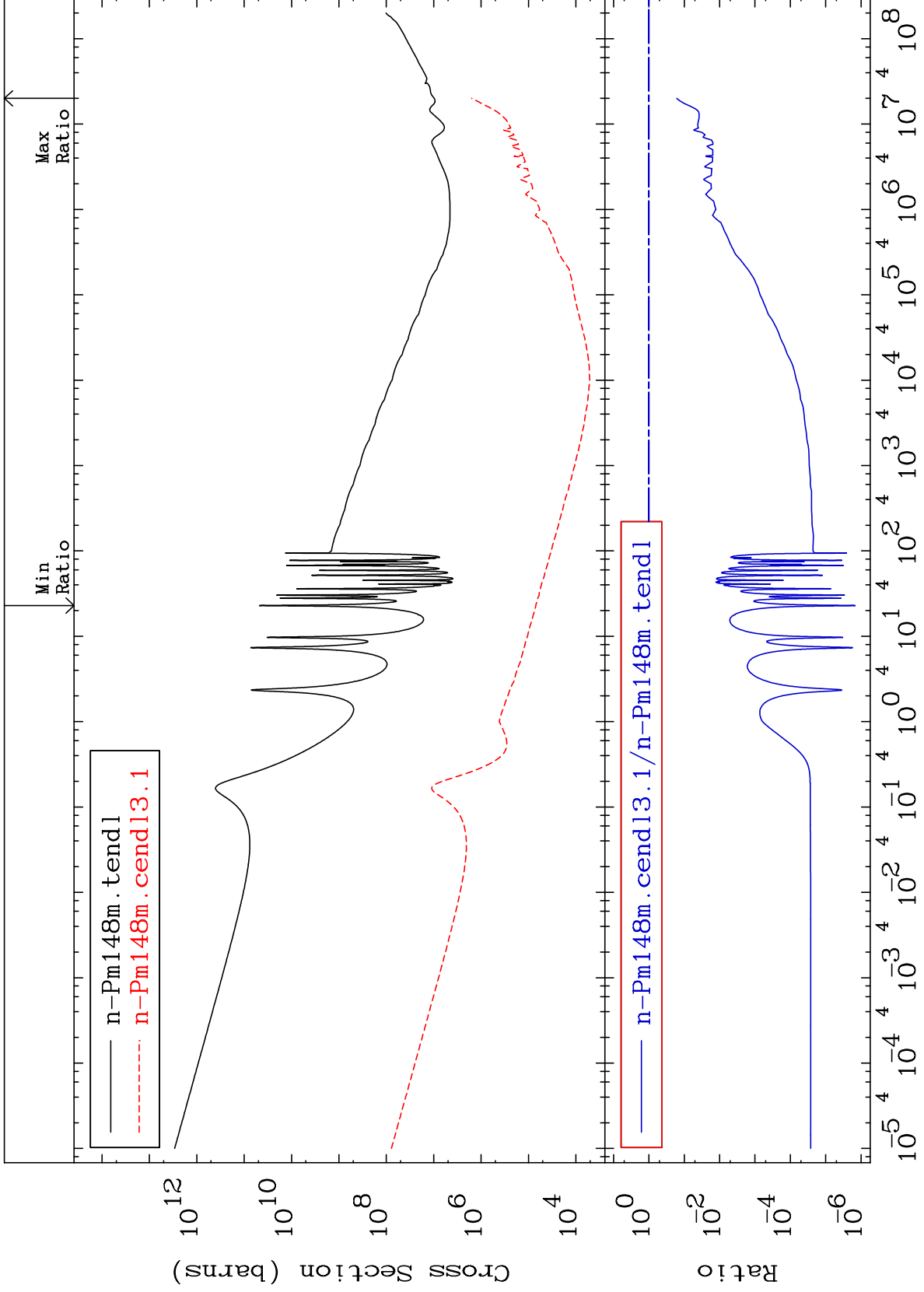




MAT 6153

Total kinematic kerma (high limit)
Cross Section

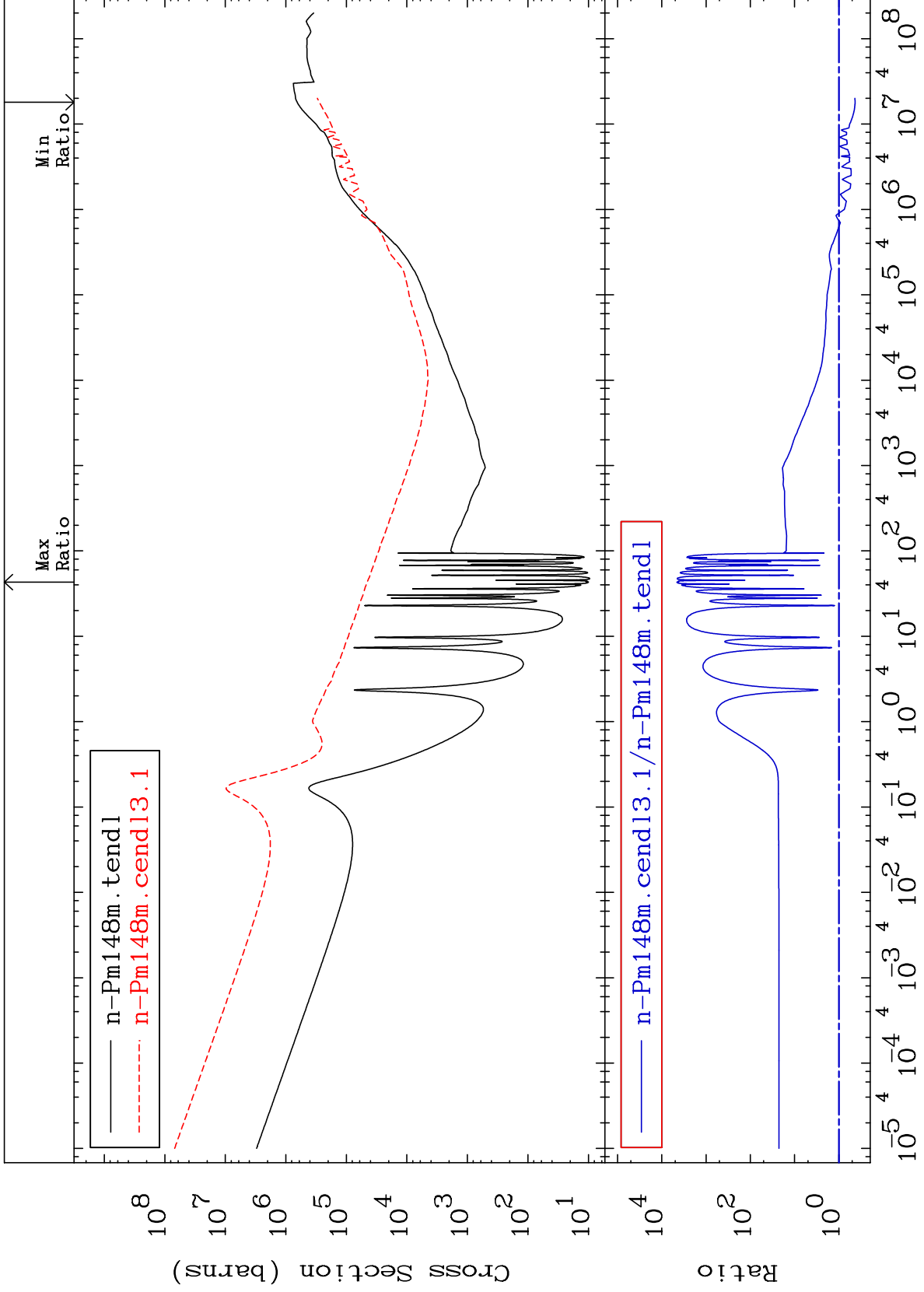
61-Pm-148
-100.0 To -83.87%



MAT 6153

Dpa total (eV-barns)
Cross Section

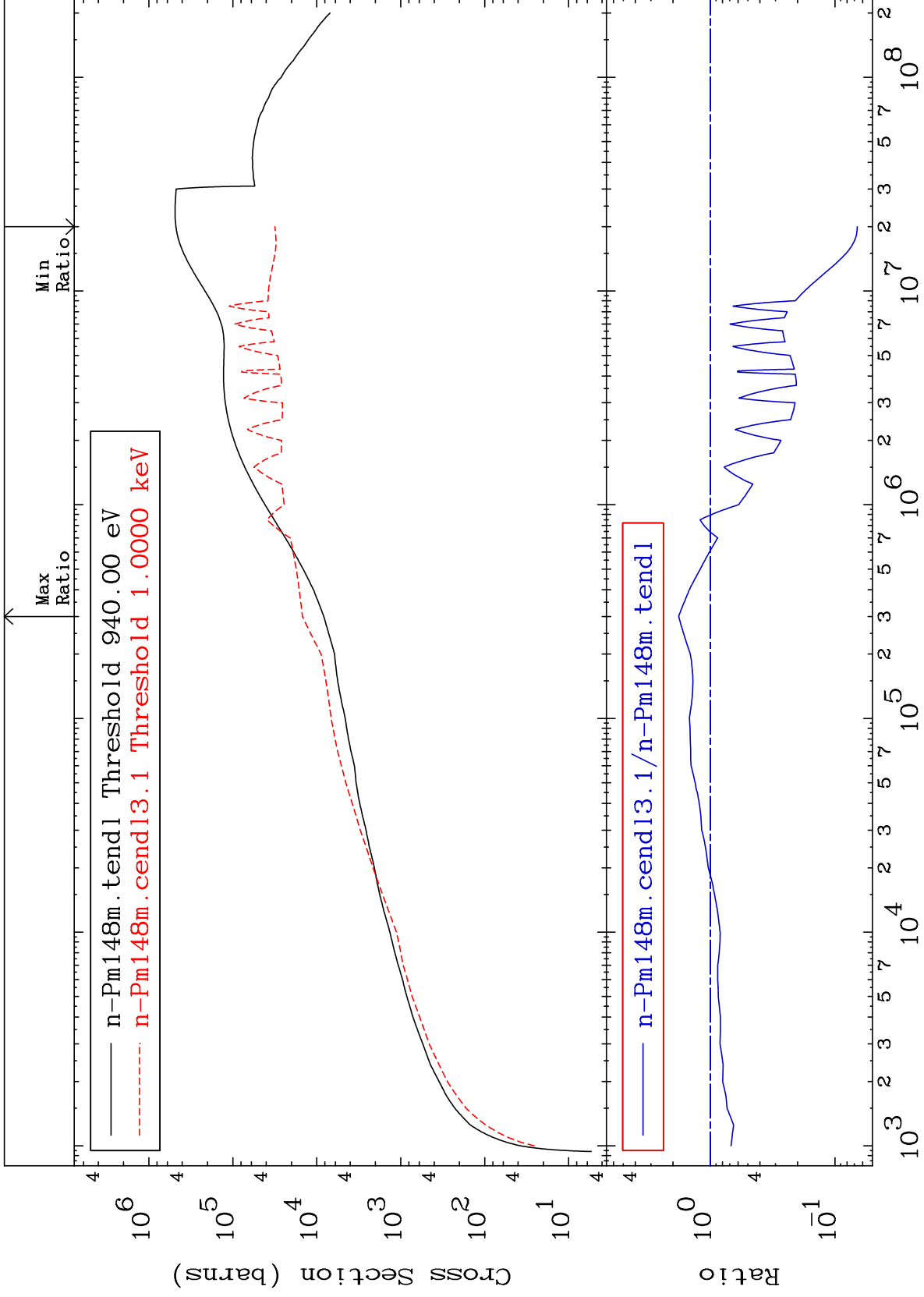
61-Pm-148
-57.12 To 9999. %



MAT 6153

Dpa elastic (mt2)
Cross Section

61-Pm-148
-93.37 To 79.80 %



29

Incident Energy (eV)

61-Pm-148

