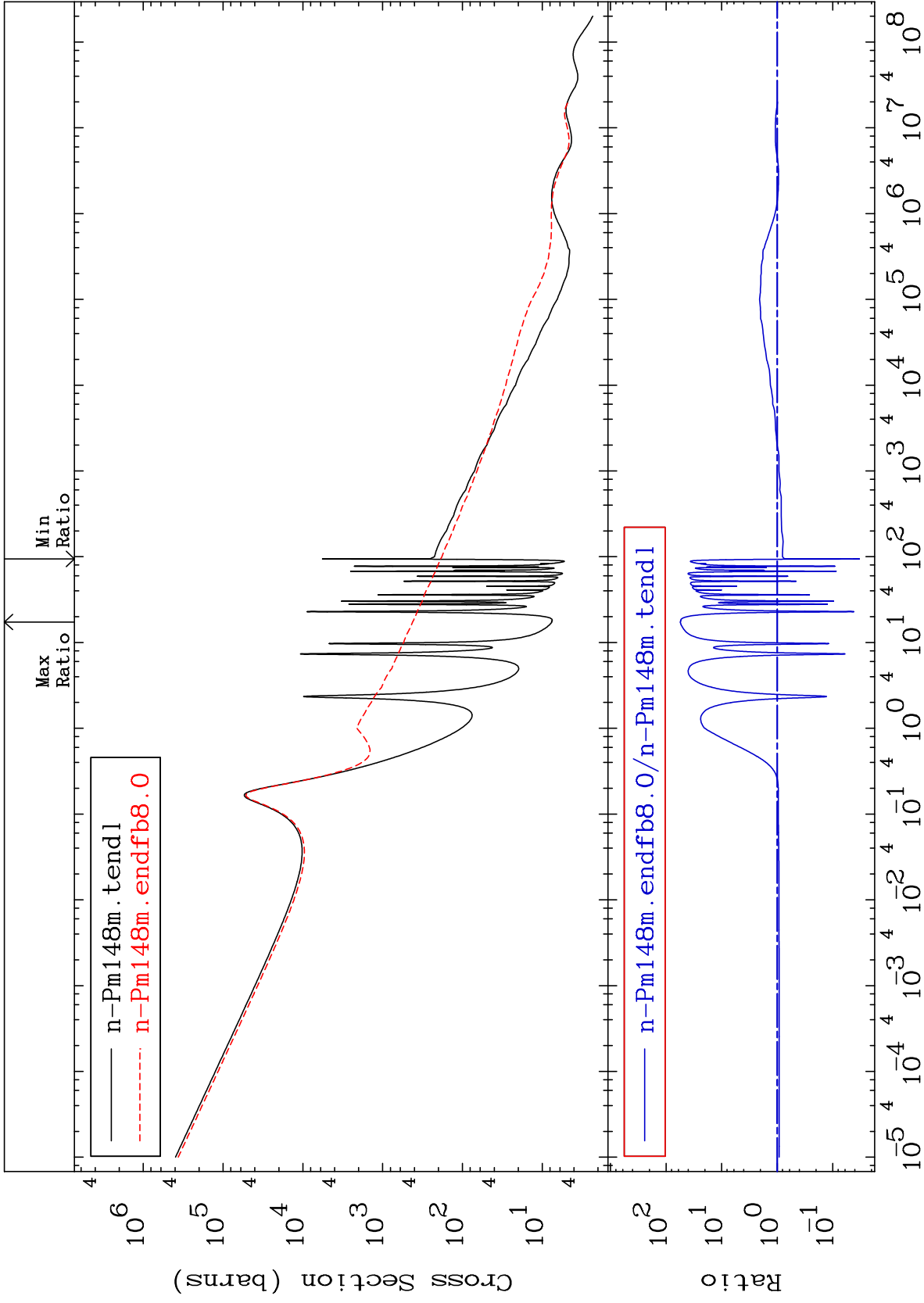


MAT 6153

Total
Cross Section

61-Pm-148
-96.69 To 5433. %

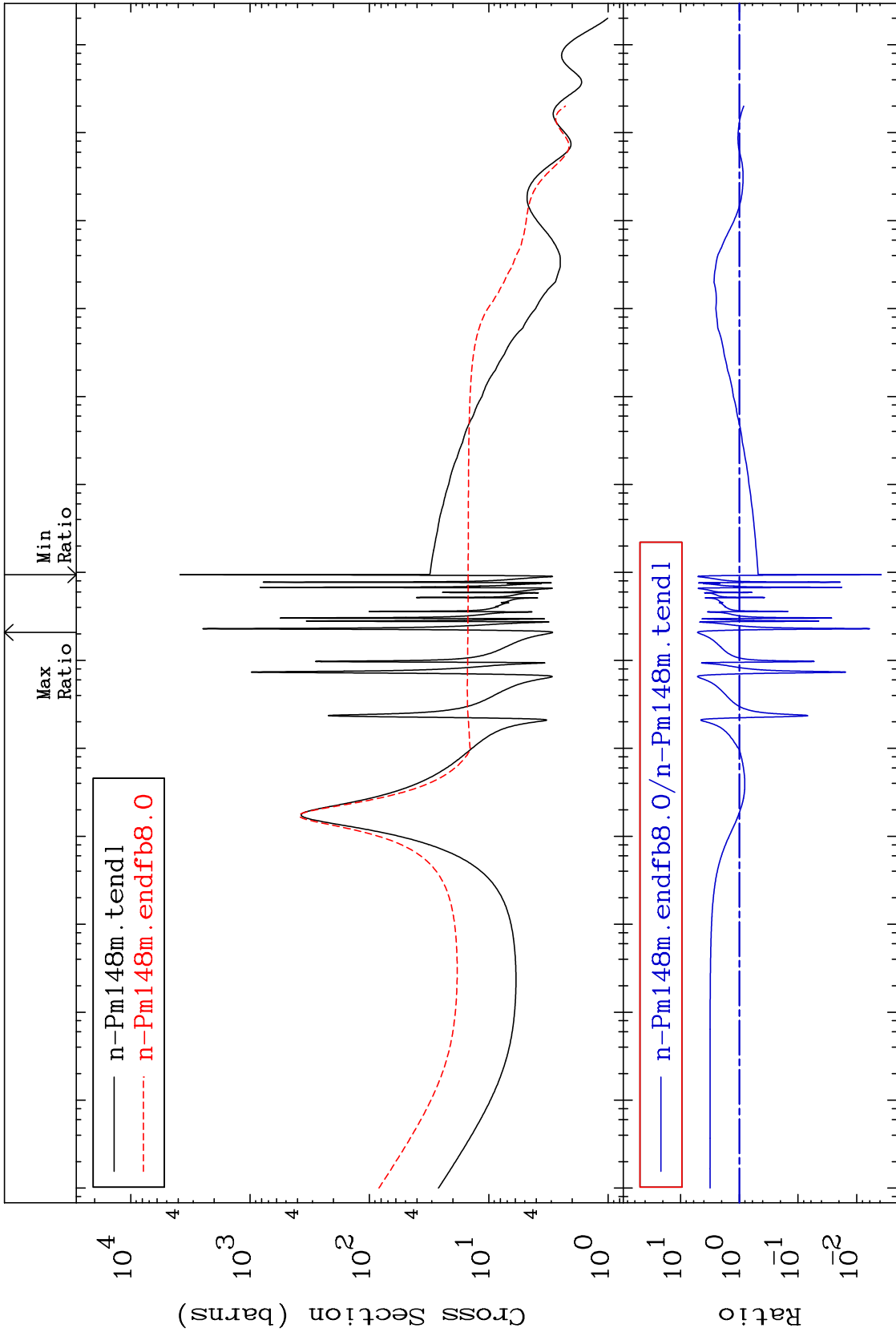


Incident Energy (eV)

61-Pm-148

MAT 6153

Elastic Cross Section
61-Pm-148
-99.62 To 414.3 %



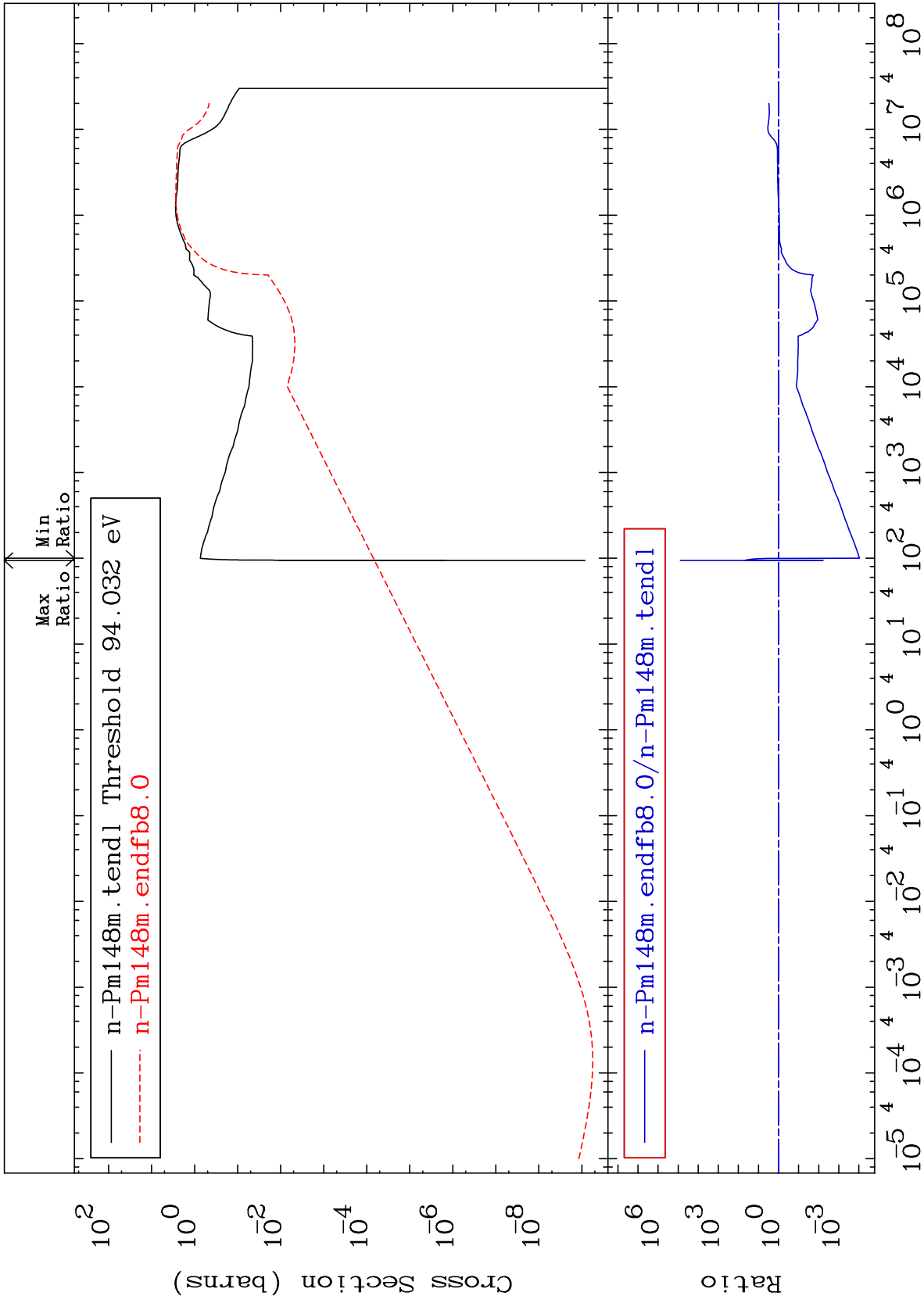
2

Incident Energy (eV)

61-Pm-148

MAT 6153

Inelastic Cross Section 61-Pm-148
-99.99 To 9999. %



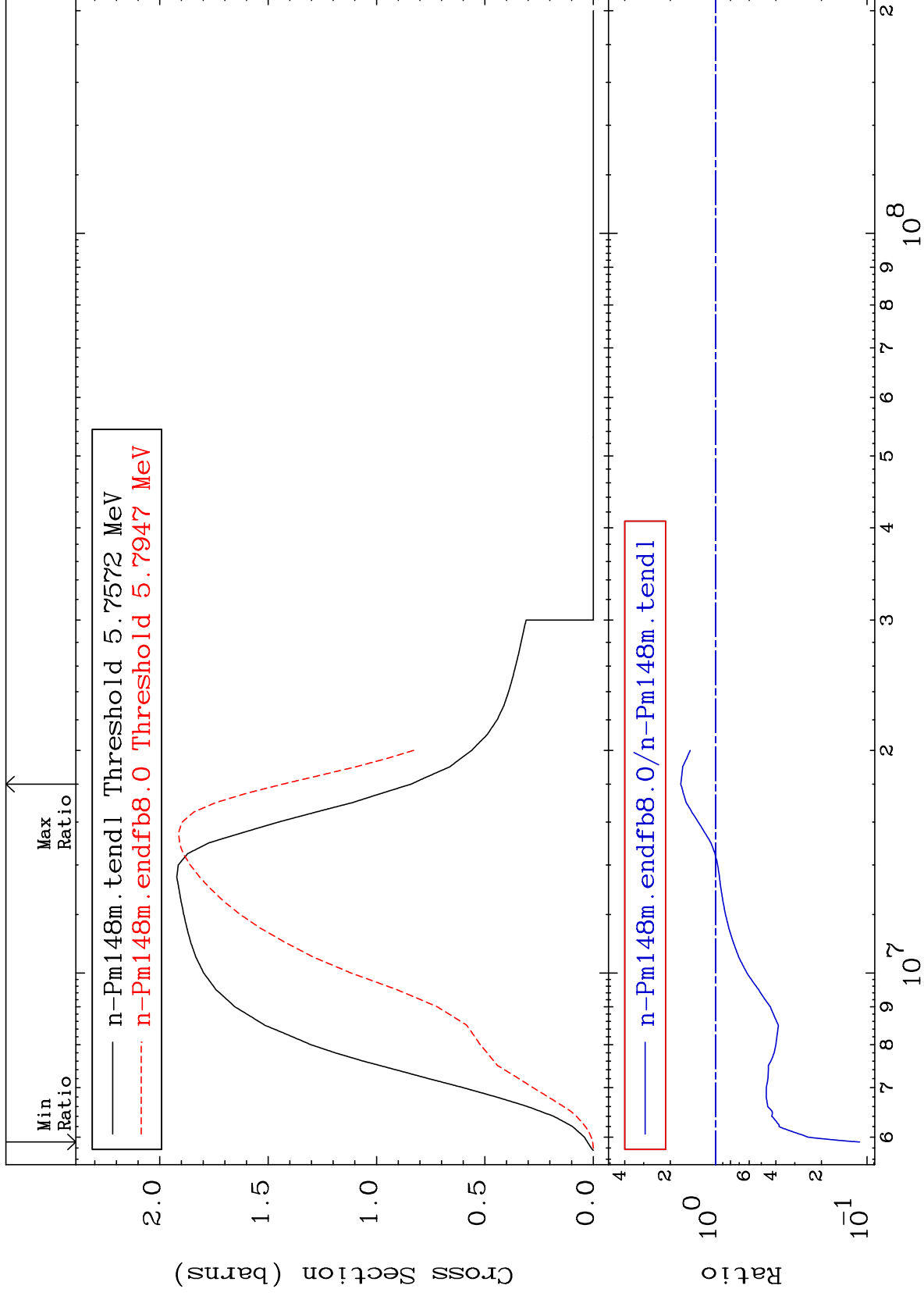
MAT 6153

(n,2n)

61-Pm-148

Cross Section

-88.80 To 70.33 %



4

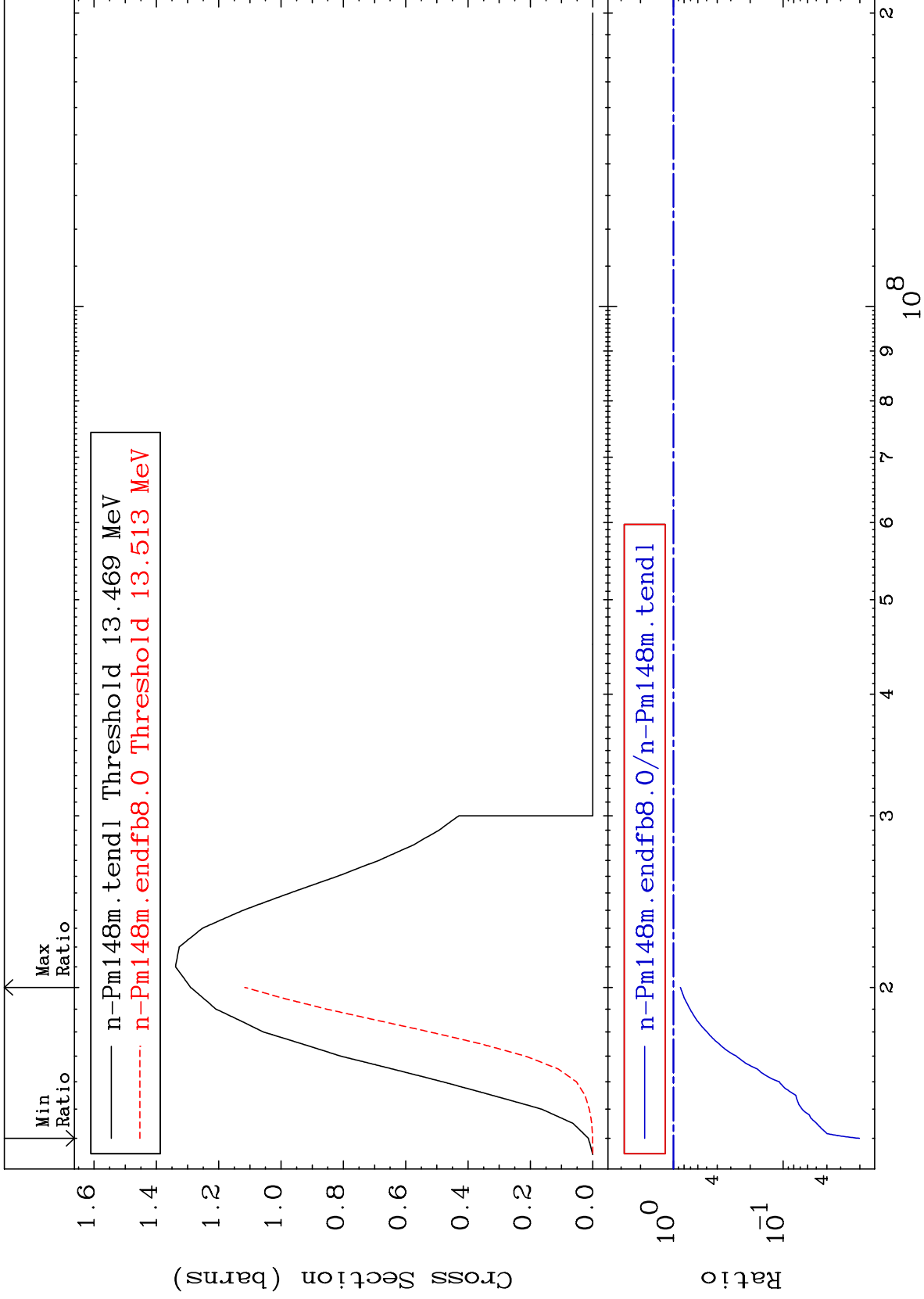
61-Pm-148

61-Pm-148

MAT 6153

(n,3n)
Cross Section

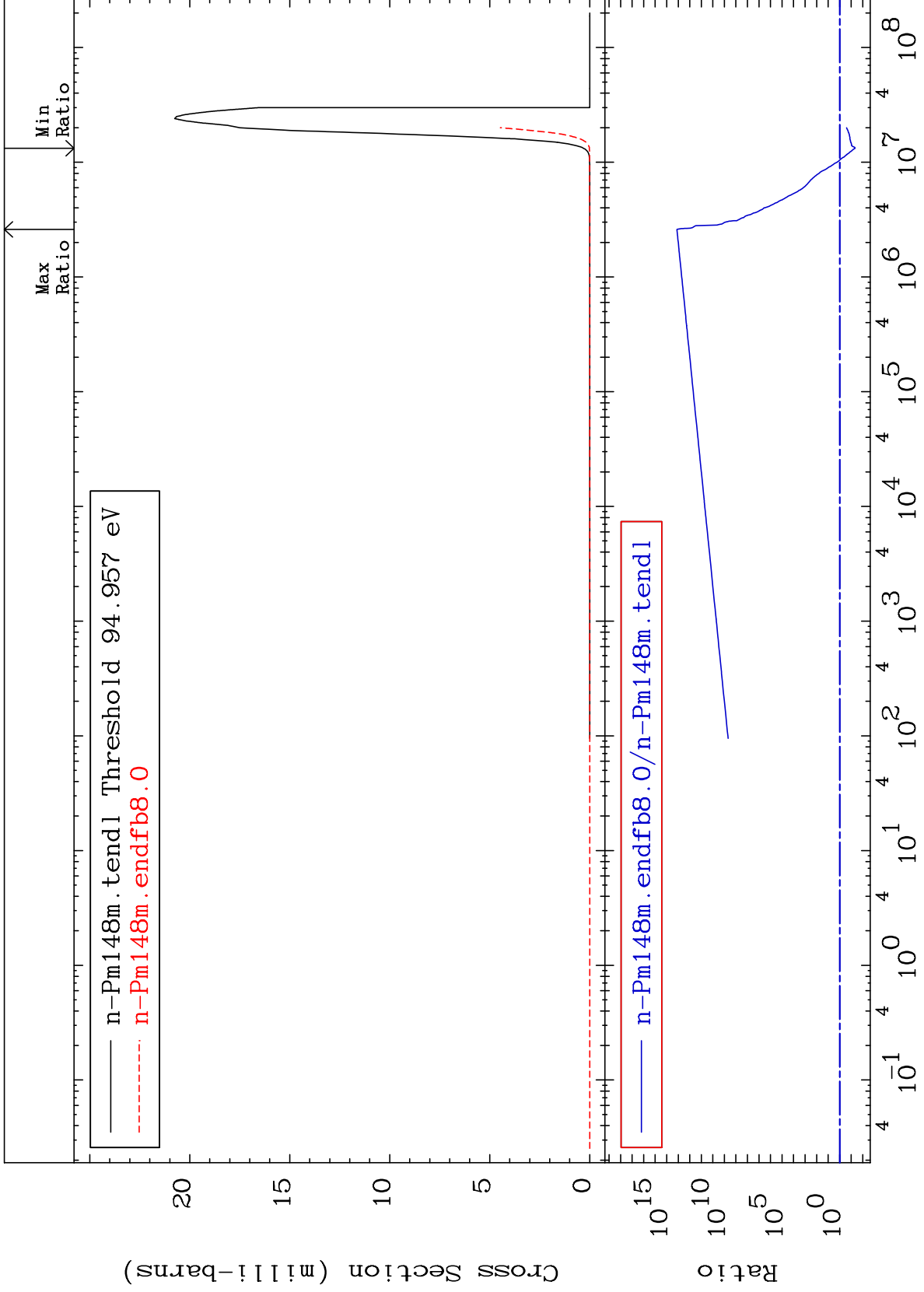
61-Pm-148
-97.98 To -13.47%



MAT 6153

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

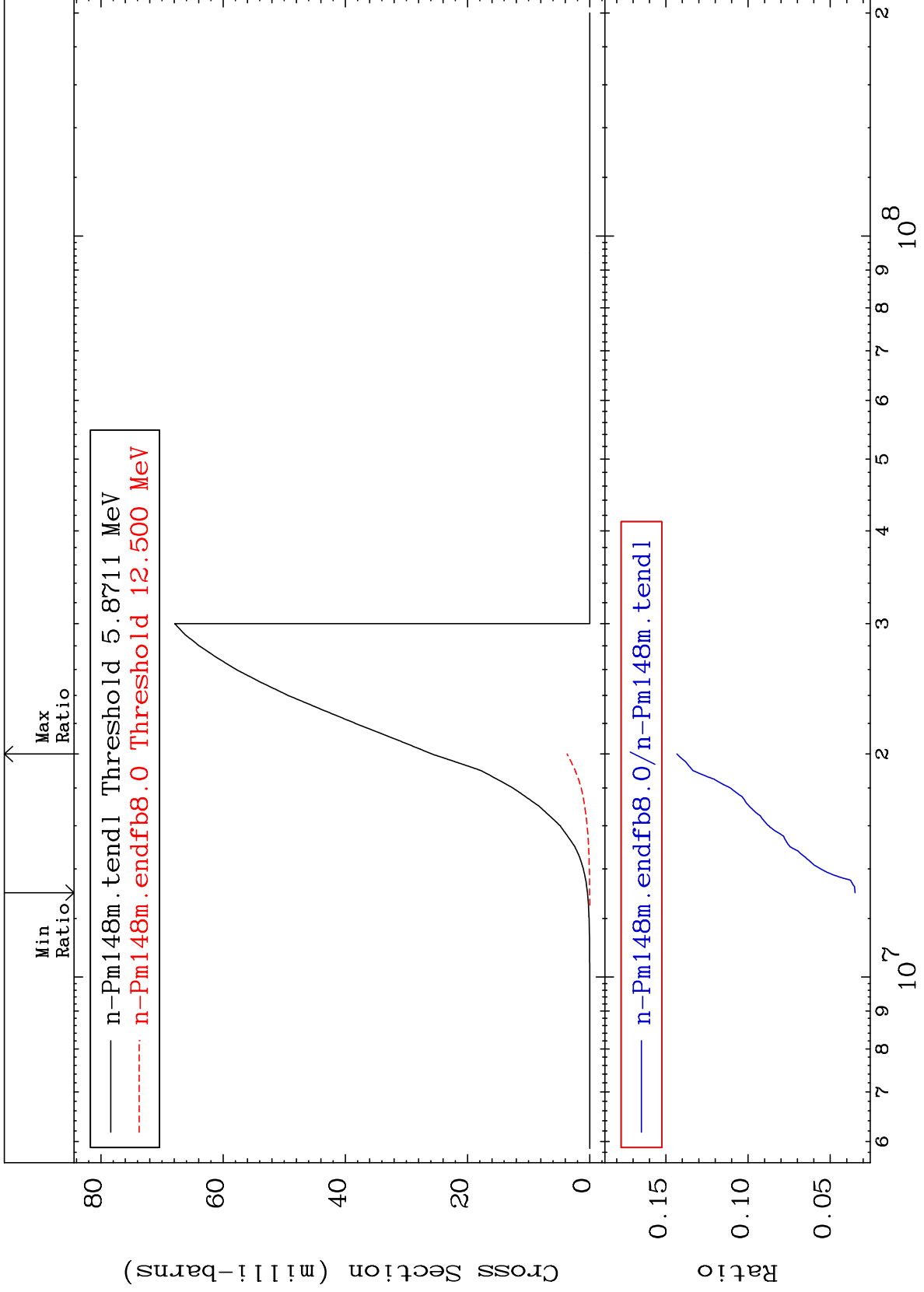
61-Pm-148
-95.40 To 9999. %



MAT 6153

(n,n') p
Cross Section

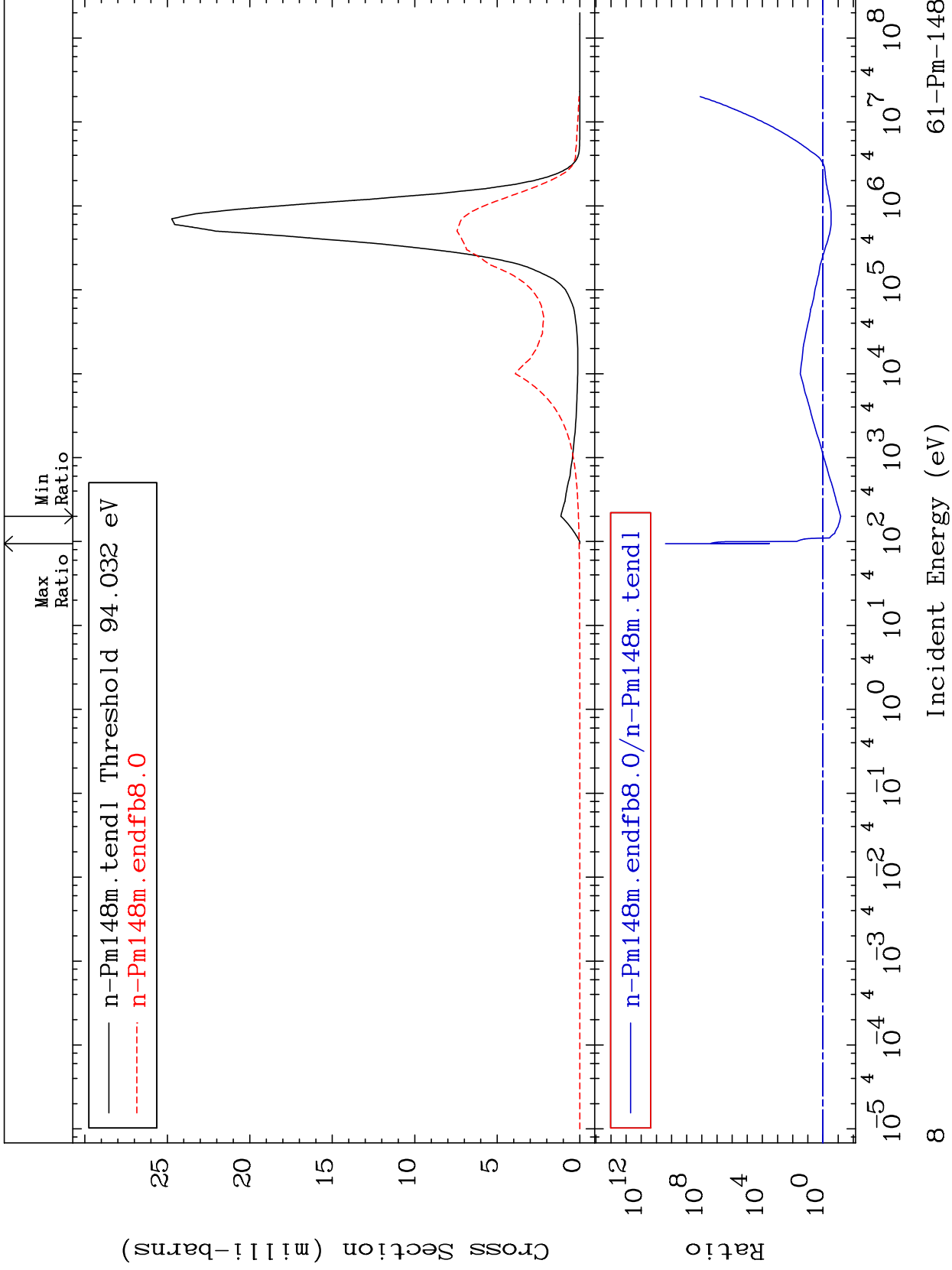
61-Pm-148
-96.51 To -85.67%



MAT 6153

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

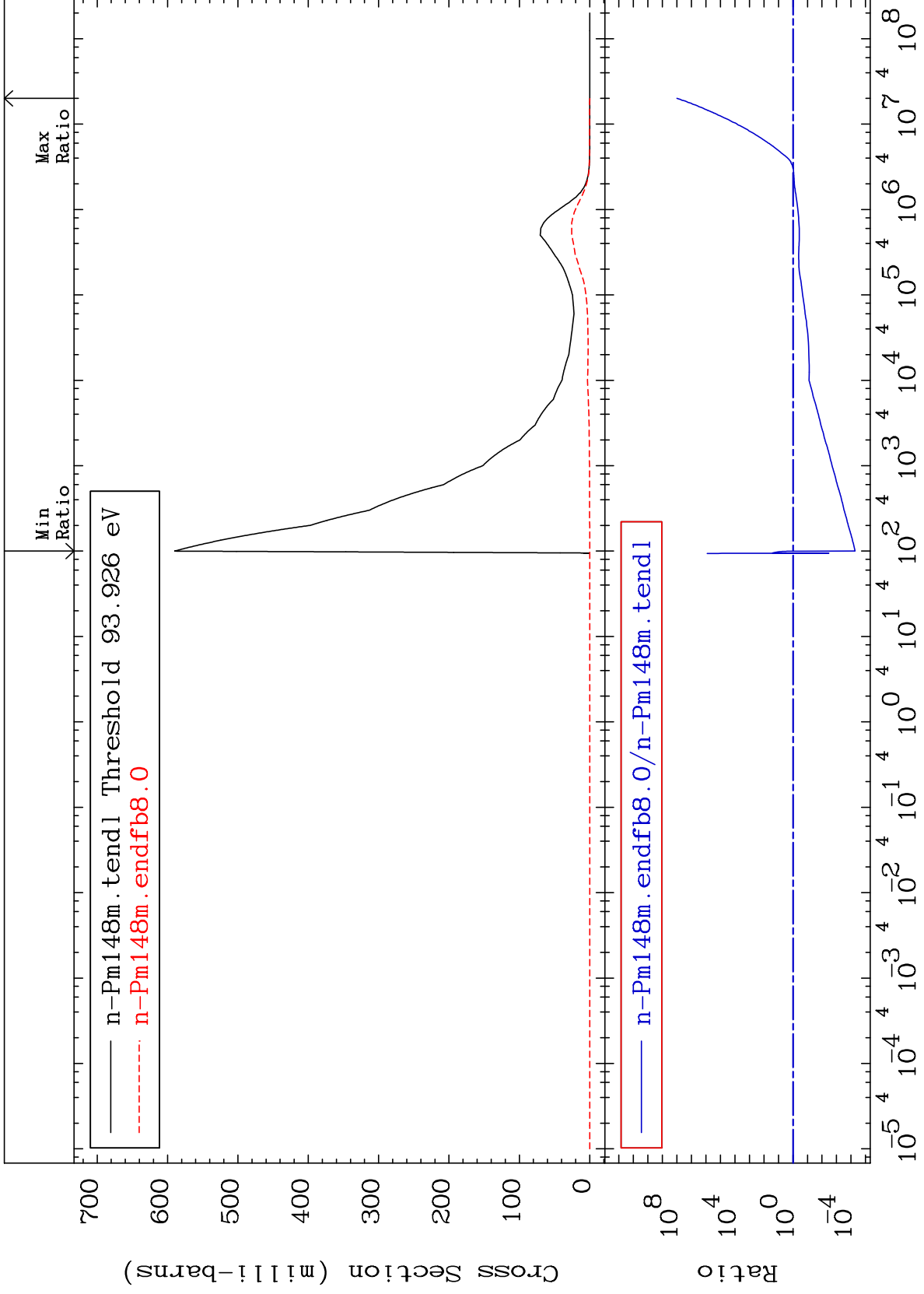
61-Pm-148
-93.17 To 9999. %



MAT 6153

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

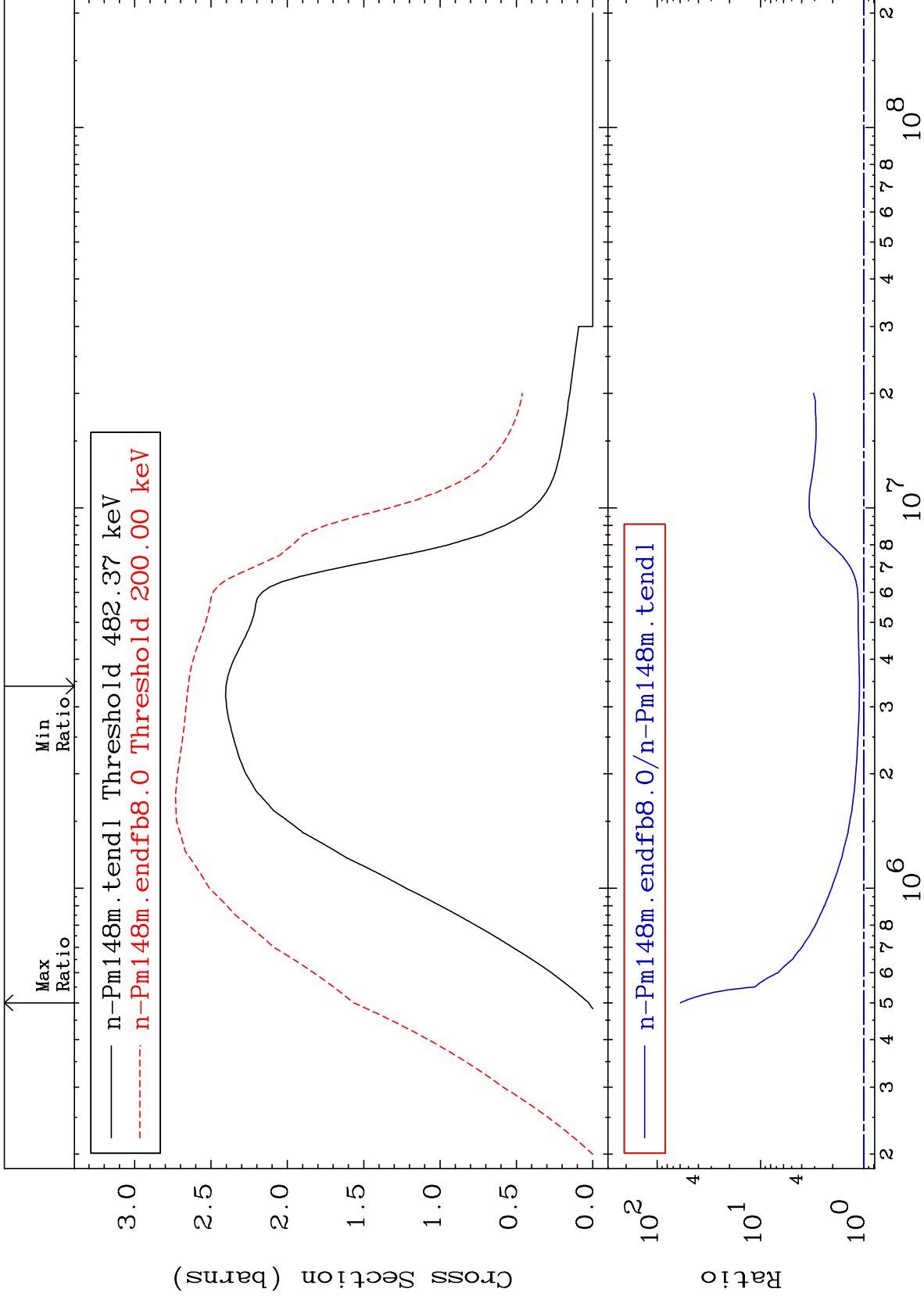
61-Pm-148
-99.99 To 9999. %



MAT 6153

(n, n') Continuum
Cross Section

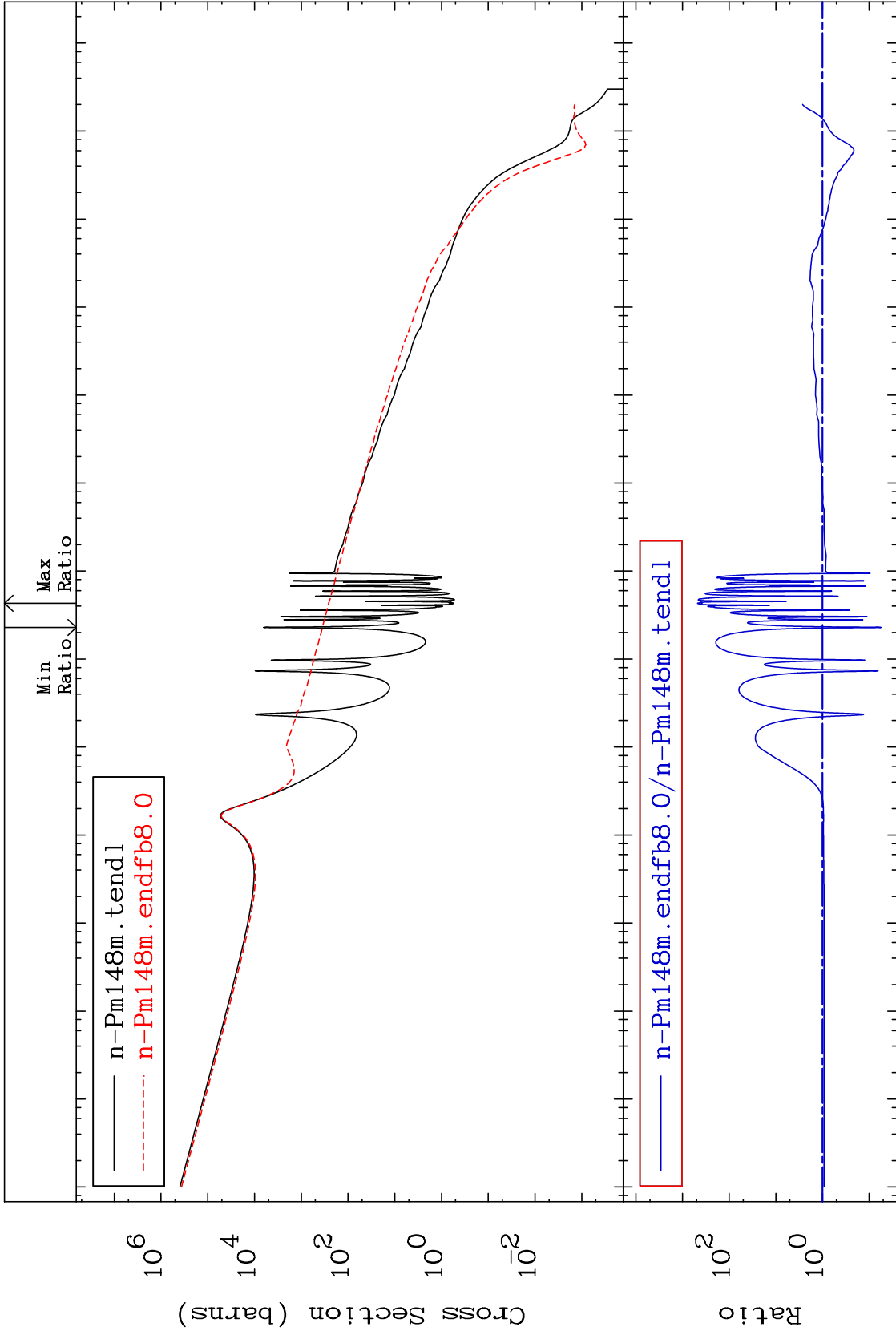
61-Pm-148
10.30 To 5874. %



10

61-Pm-148

61-Pm-148



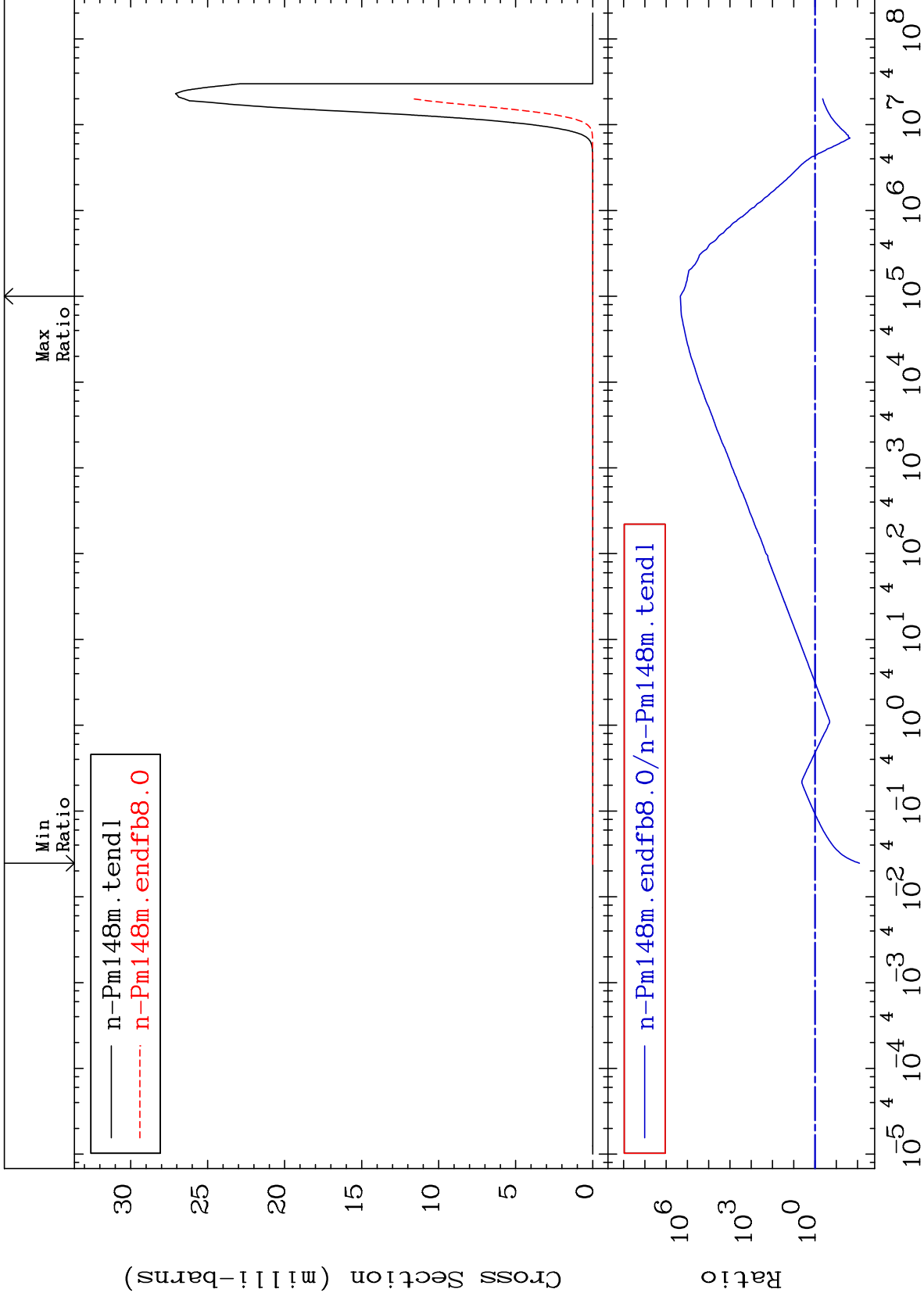
MAT 6153

(n, p)

61-Pm-148

Cross Section

-99.18 To 9999. %



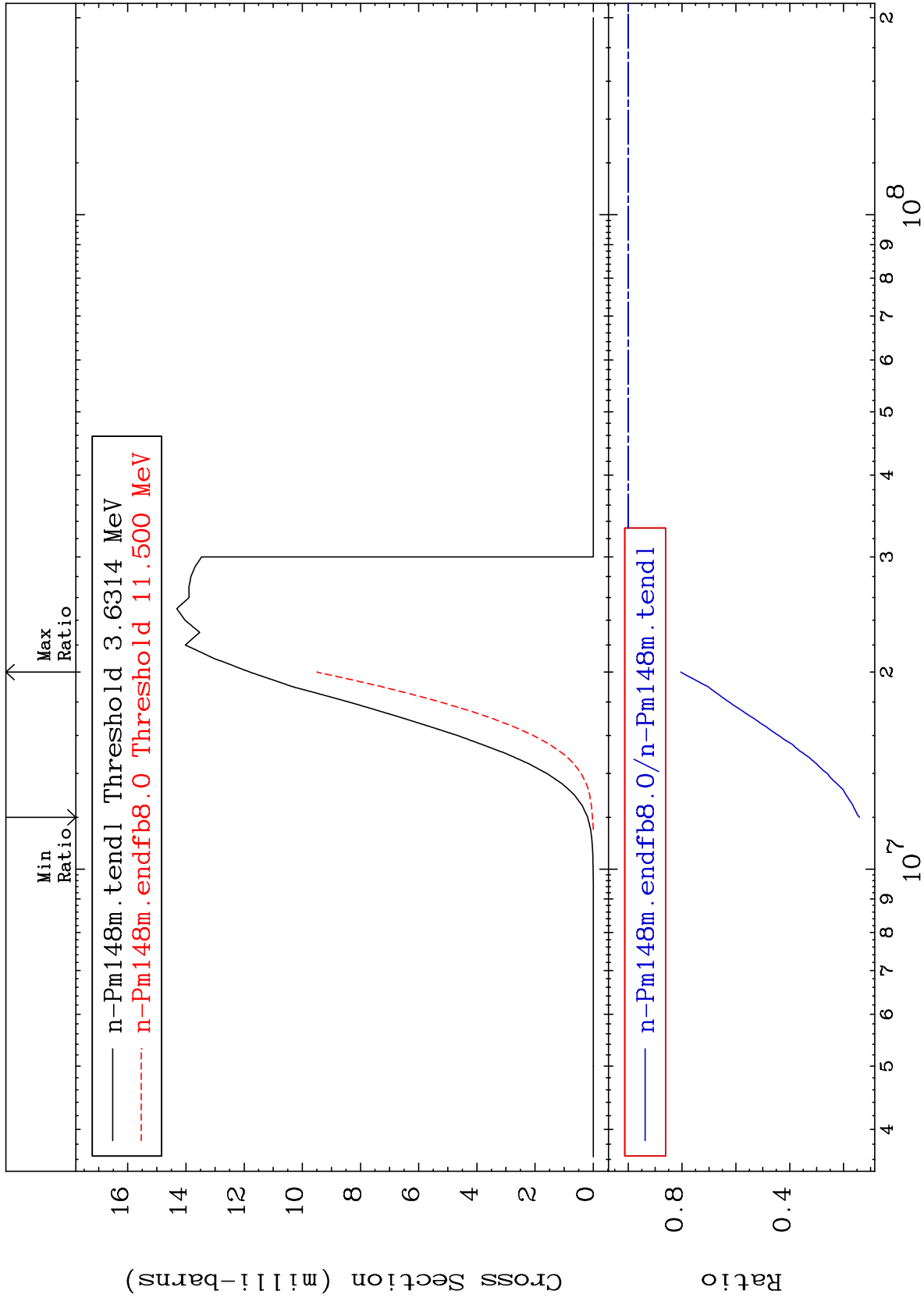
MAT 6153

(n, d)

61-Pm-148

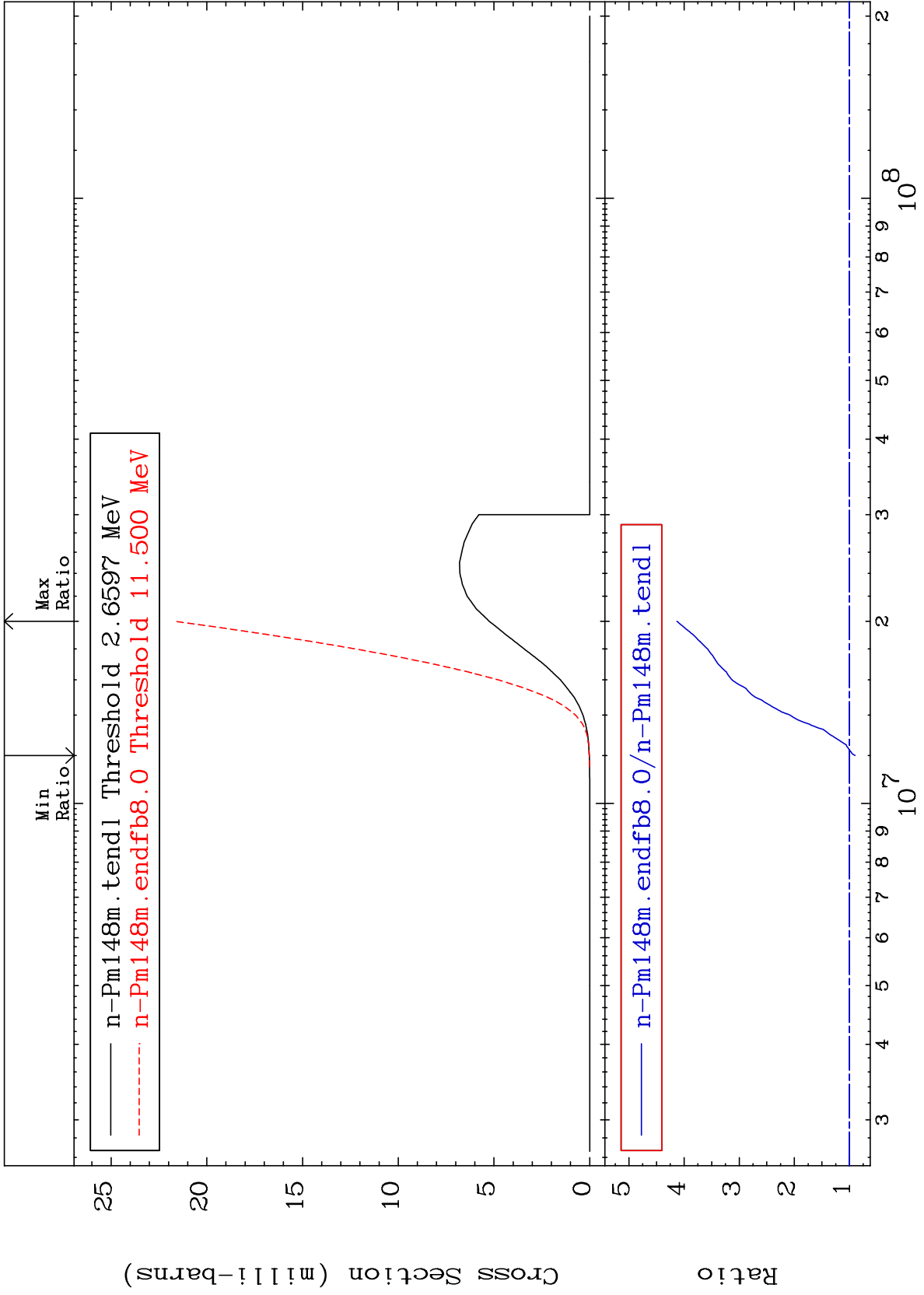
Cross Section

-85.92 To -19.51%



MAT 6153

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



14

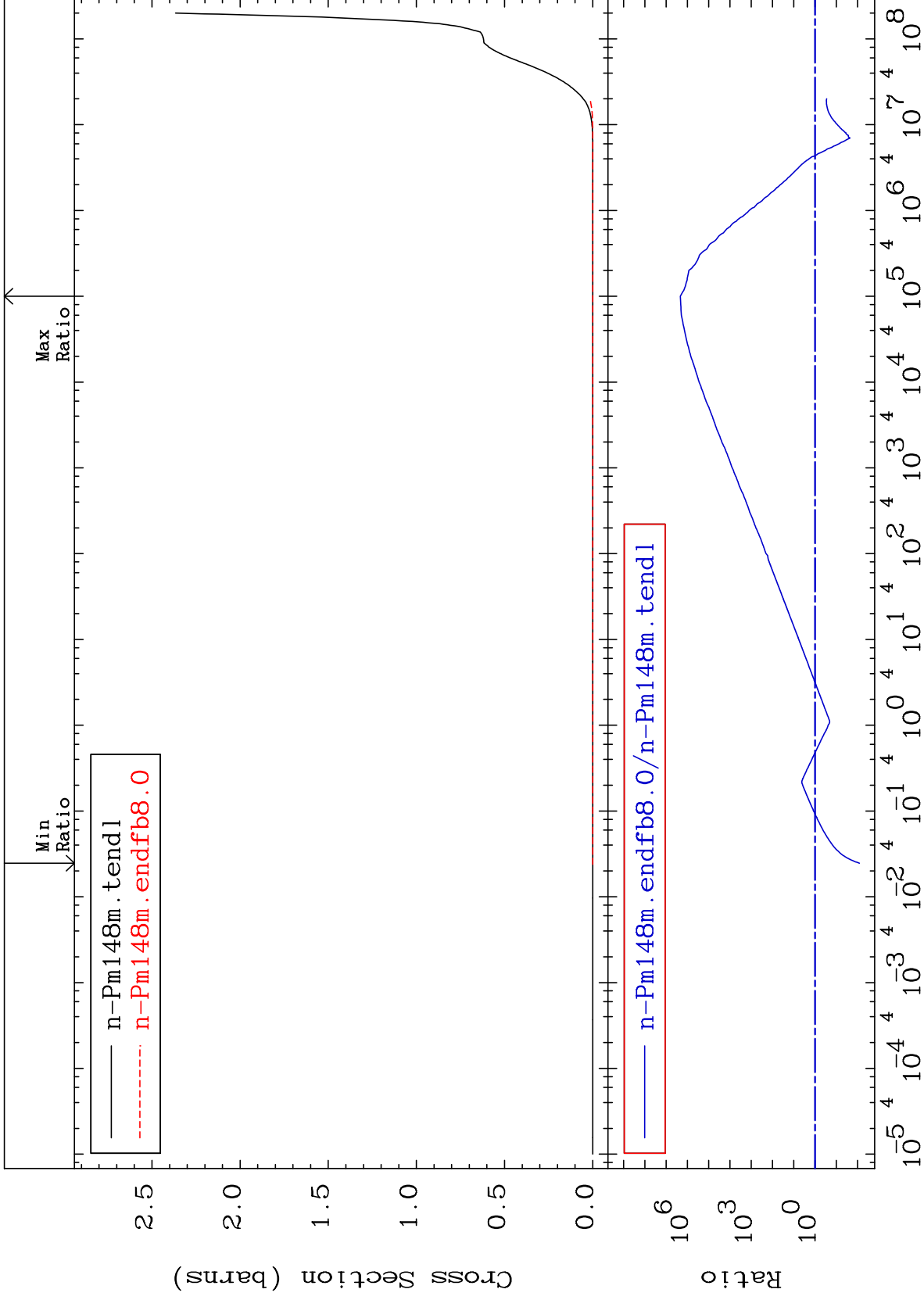
Incident Energy (eV)

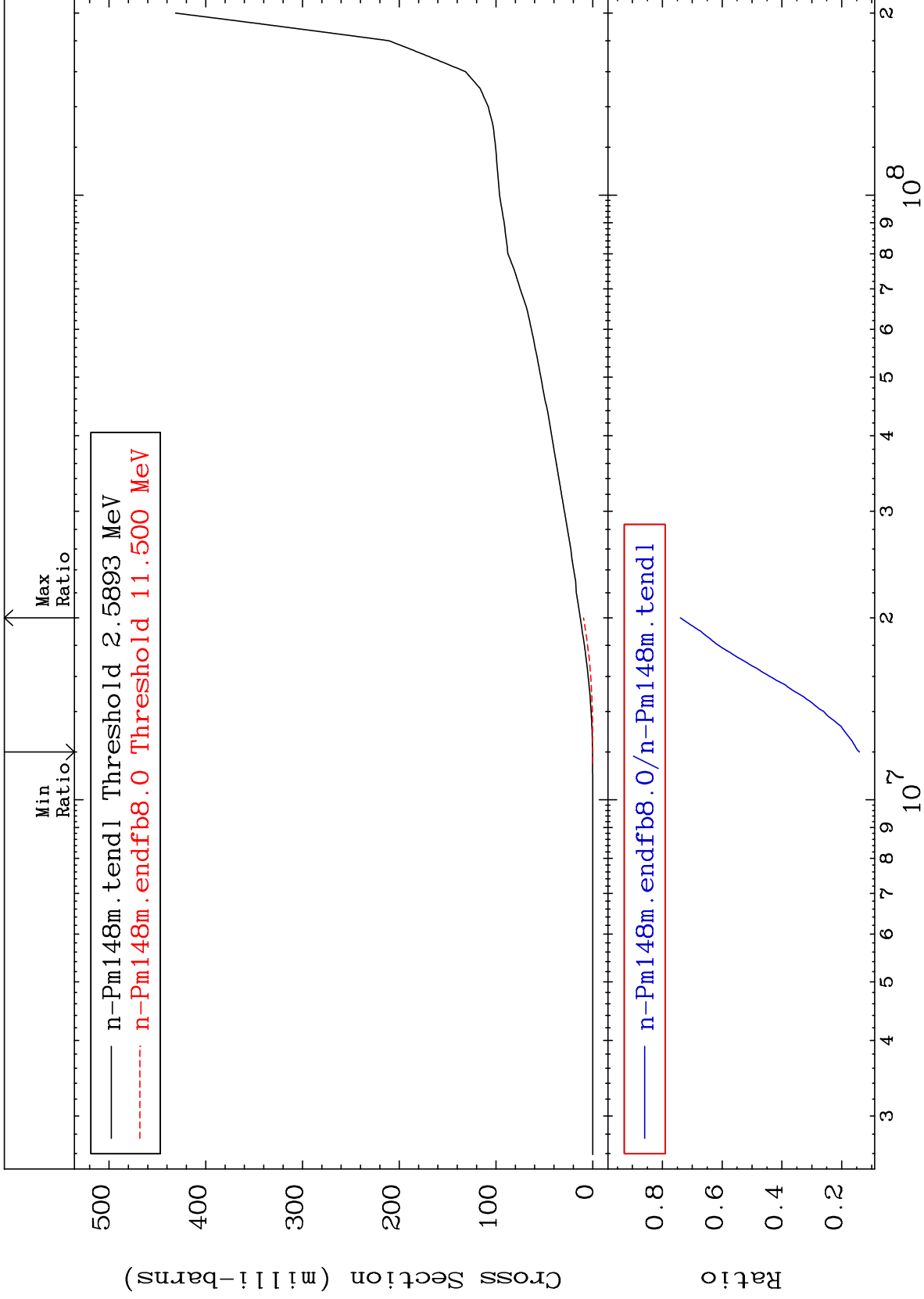
61-Pm-148

MAT 6153

Hydrogen Production
Cross Section

61-Pm-148
-99.18 To 9999. %

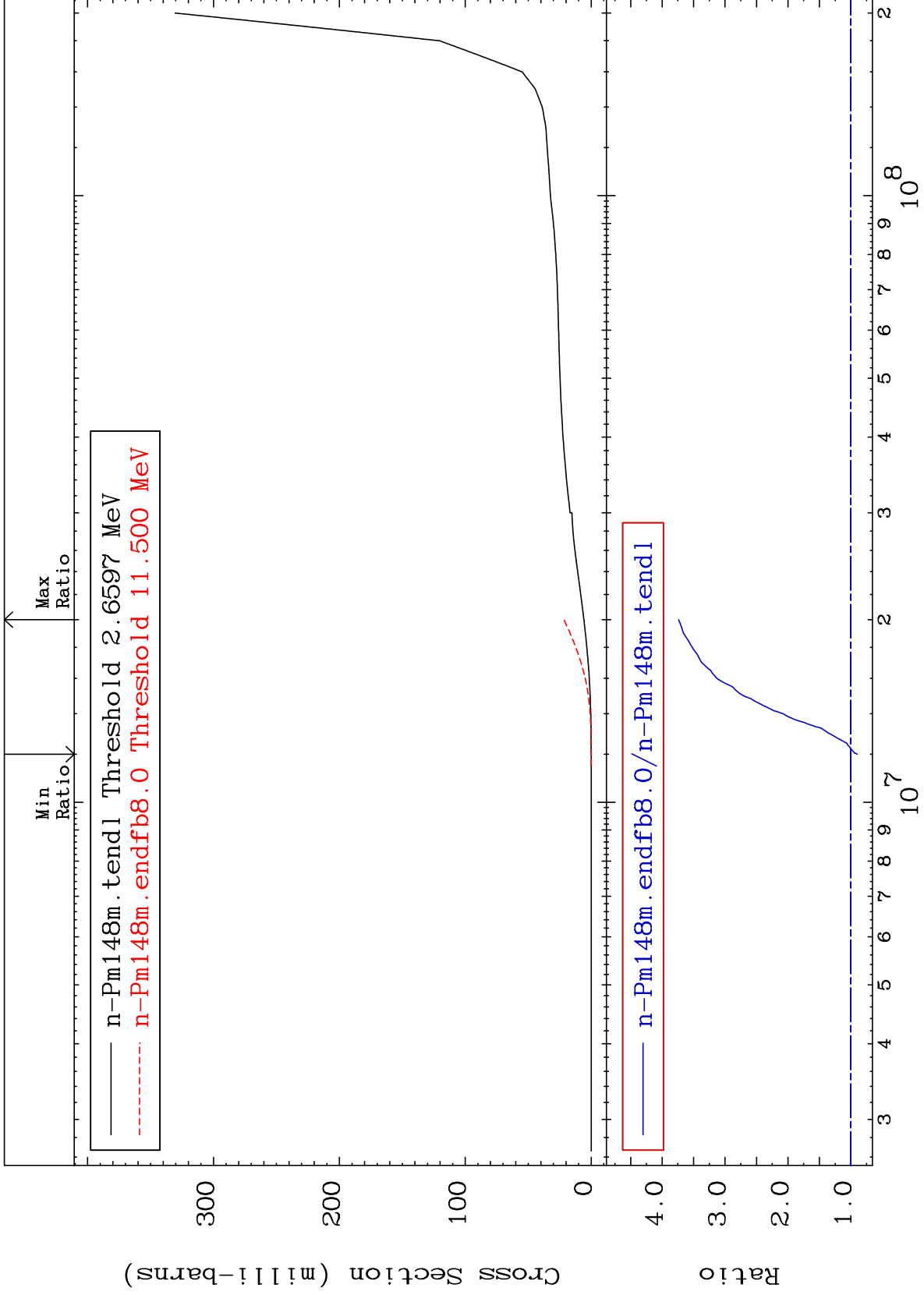




MAT 6153

Tritium Production
Cross Section

61-Pm-148
-10.16 To 273.7 %



18

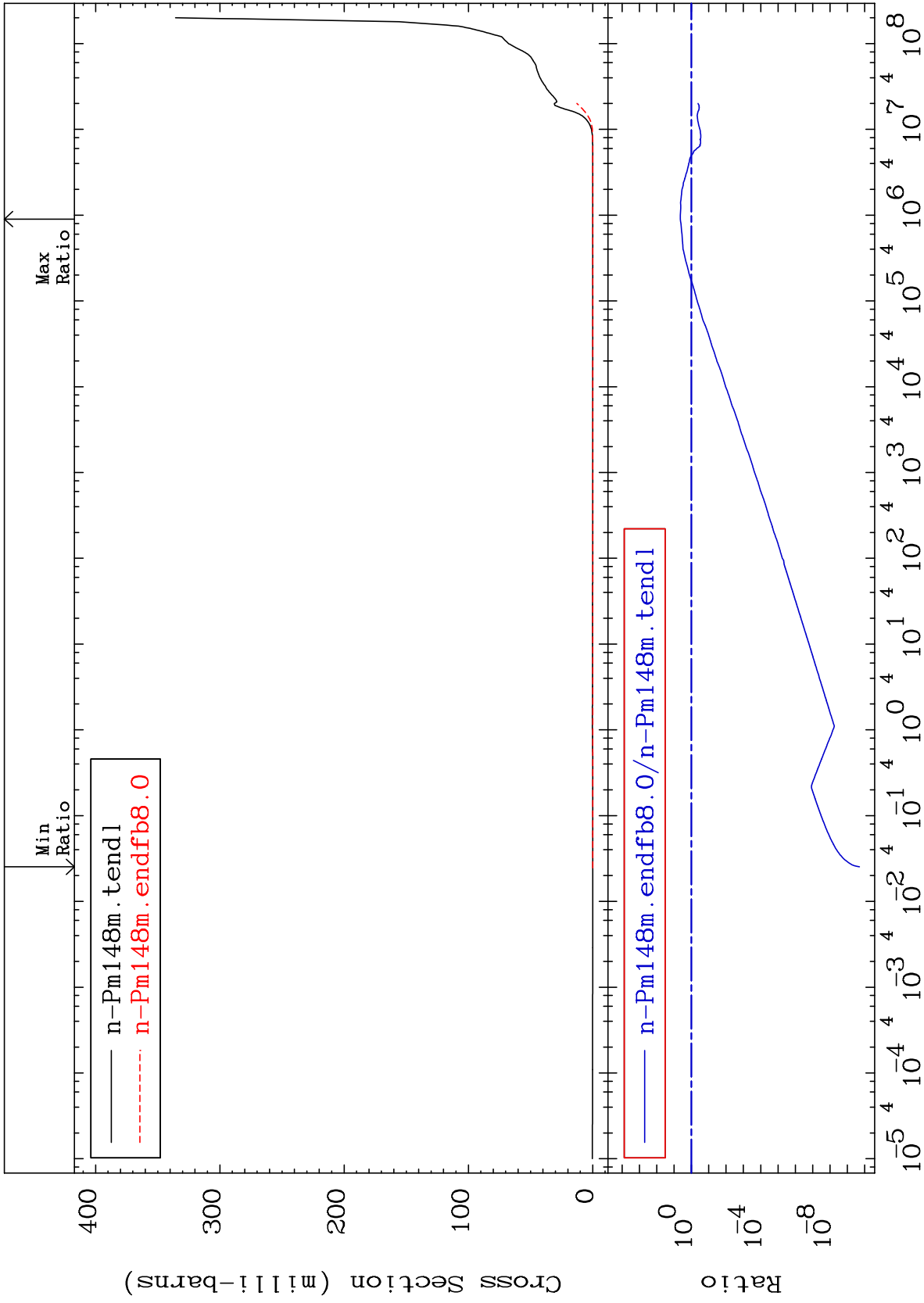
Incident Energy (eV)

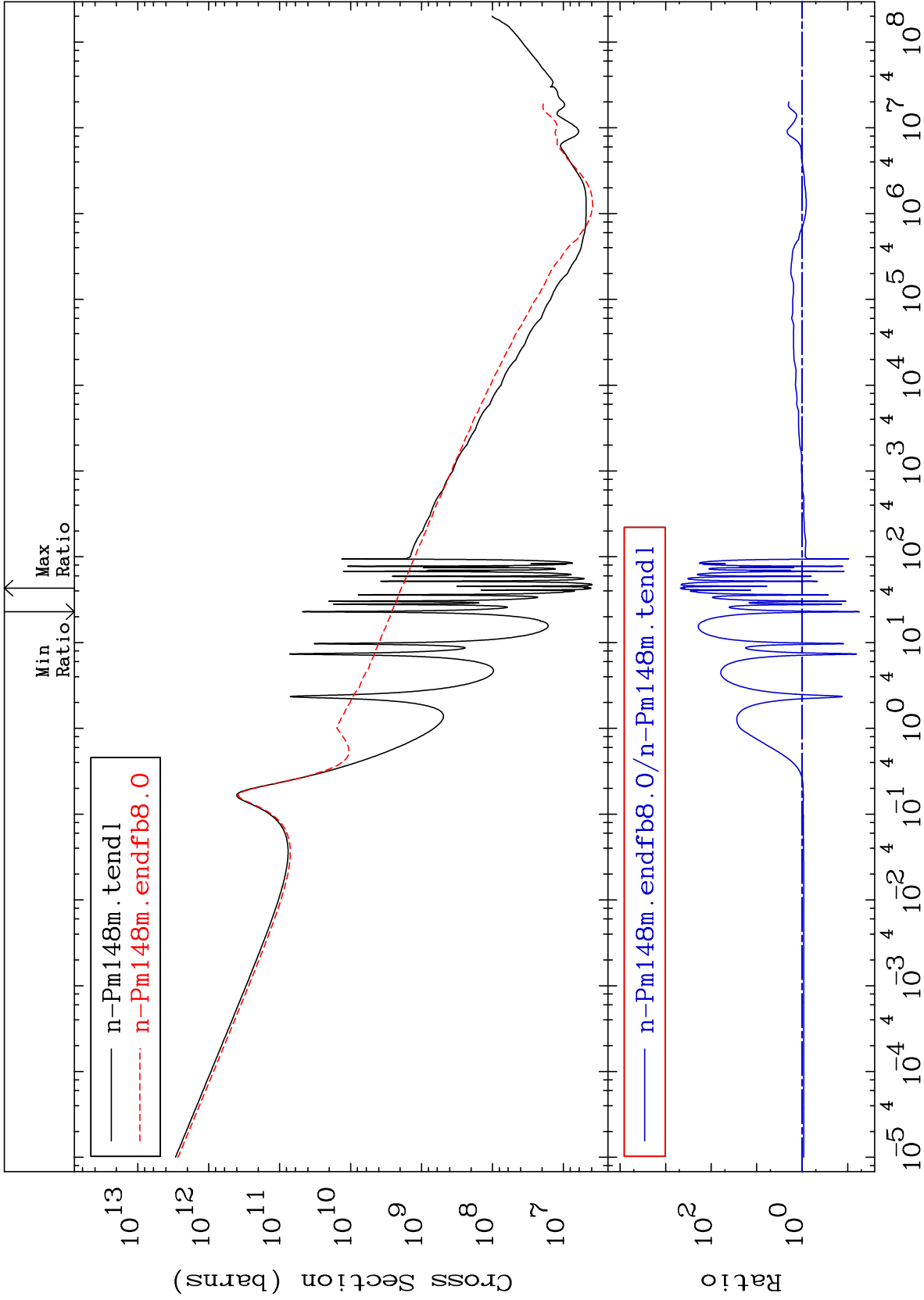
61-Pm-148

MAT 6153

He-4 Production
Cross Section

61-Pm-148
-100.0 To 332.3 %

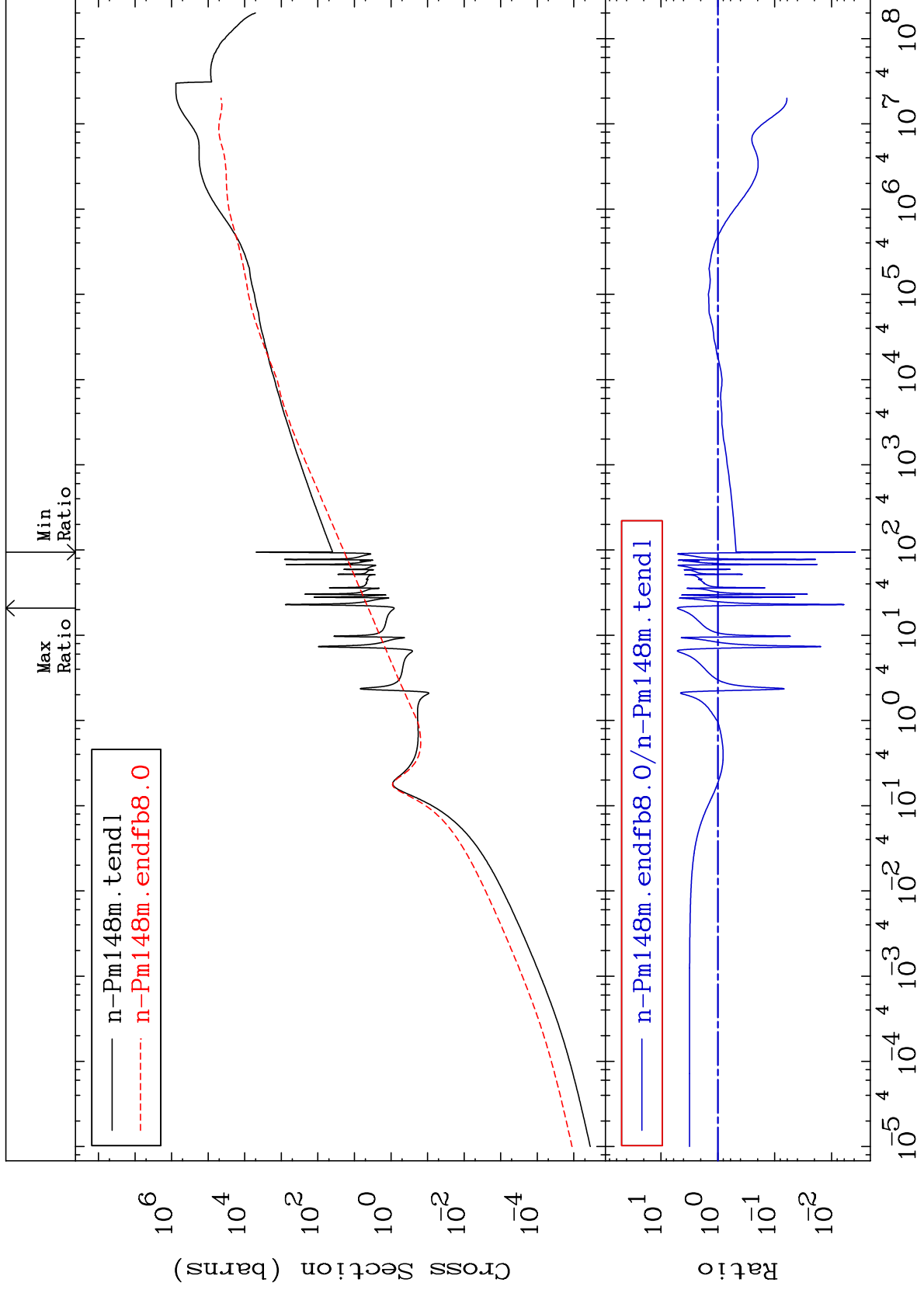


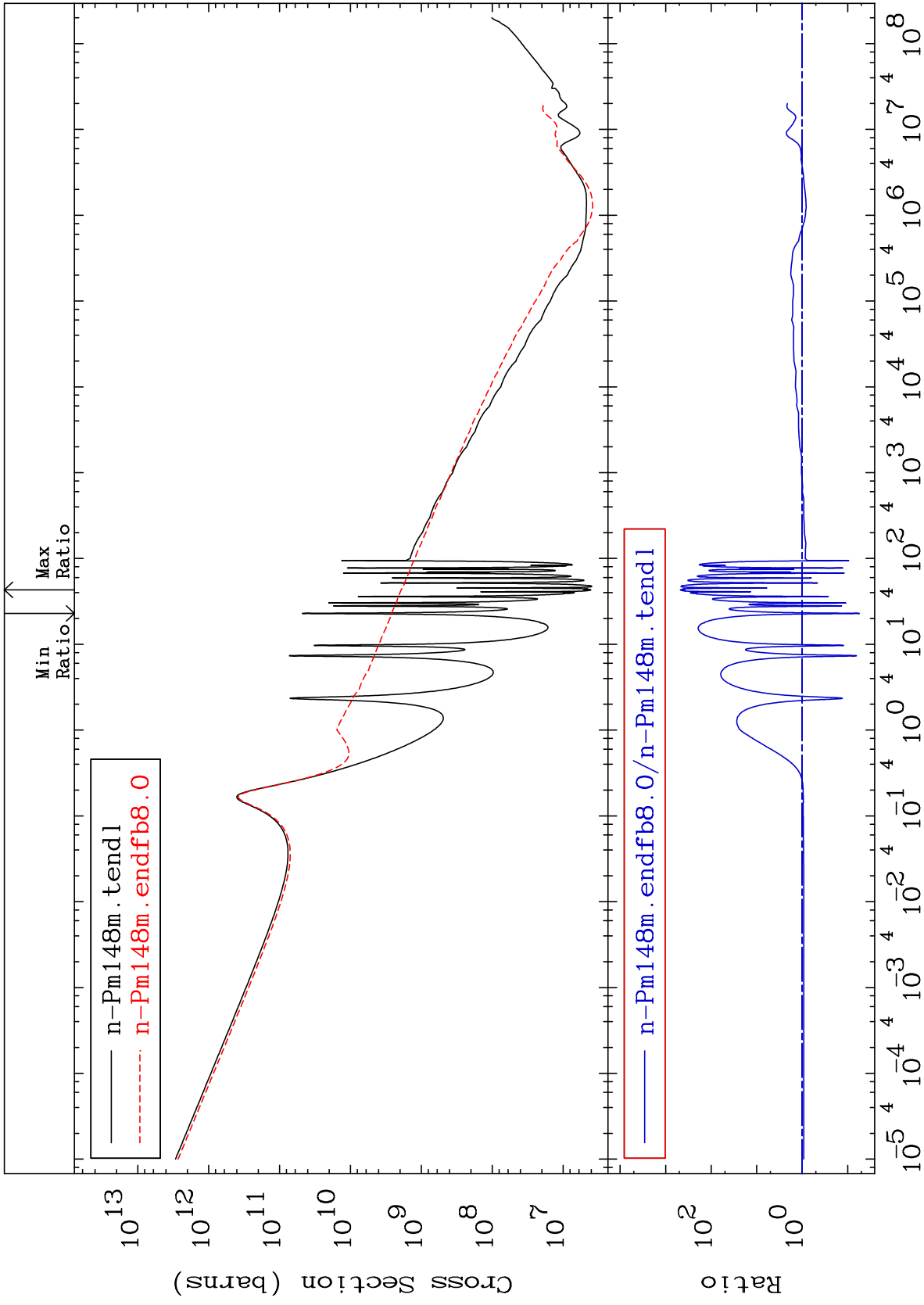


MAT 6153

Kerma elastic
Cross Section

61-Pm-148
-99.62 To 414.2 %

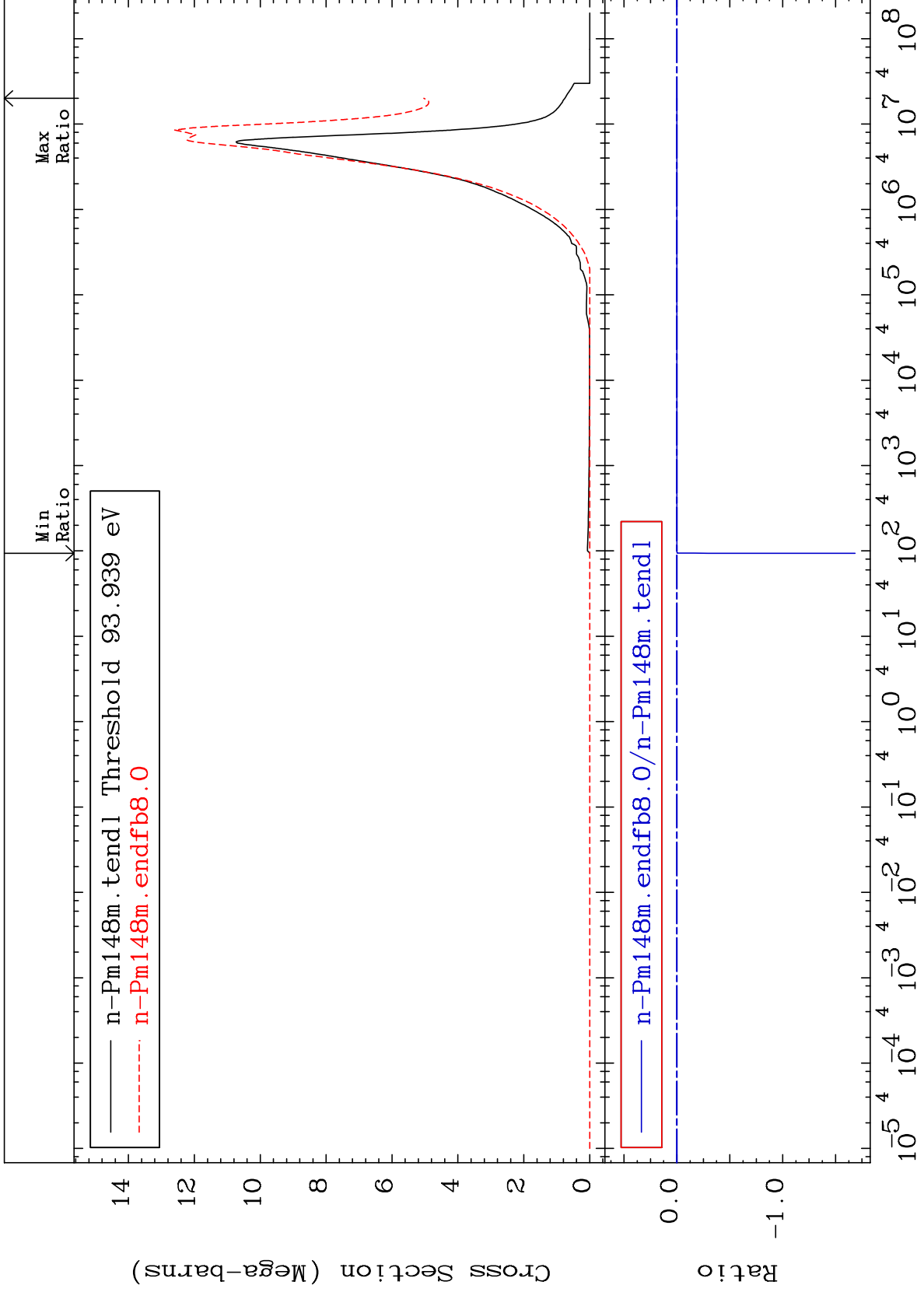




MAT 6153

Kerma inelastic (mt51-91)
Cross Section

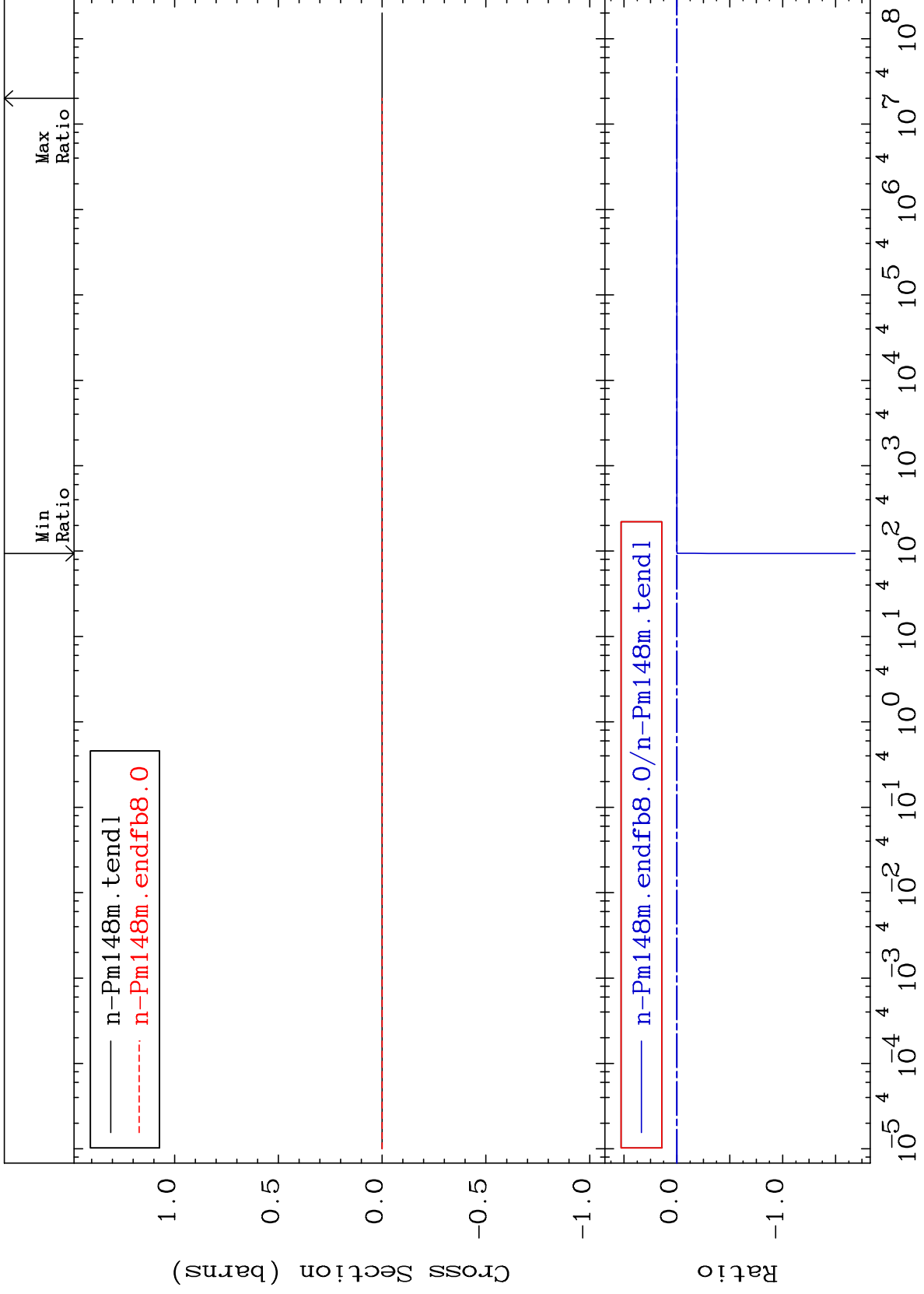
61-Pm-148
-9999. To 570.0 %

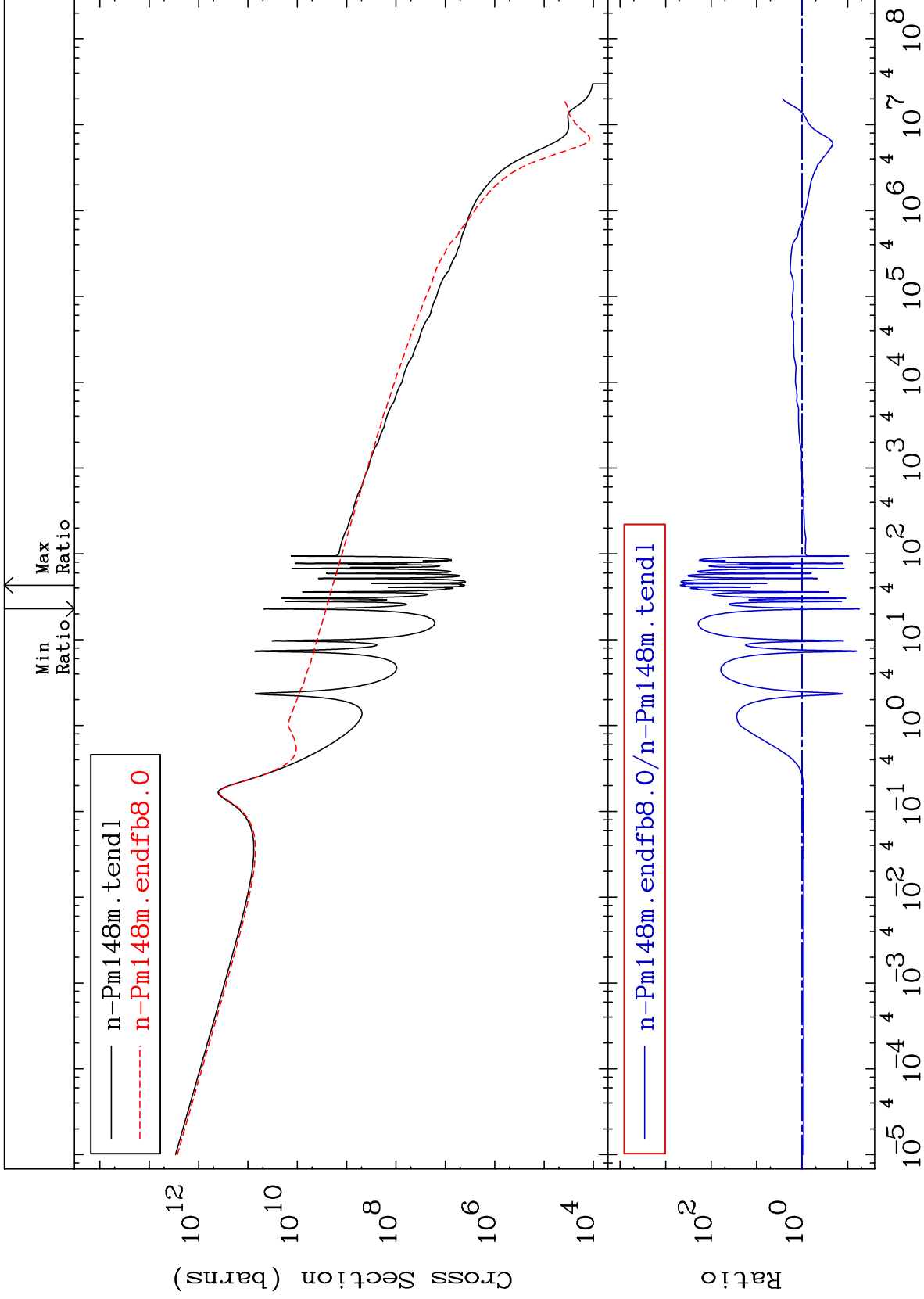


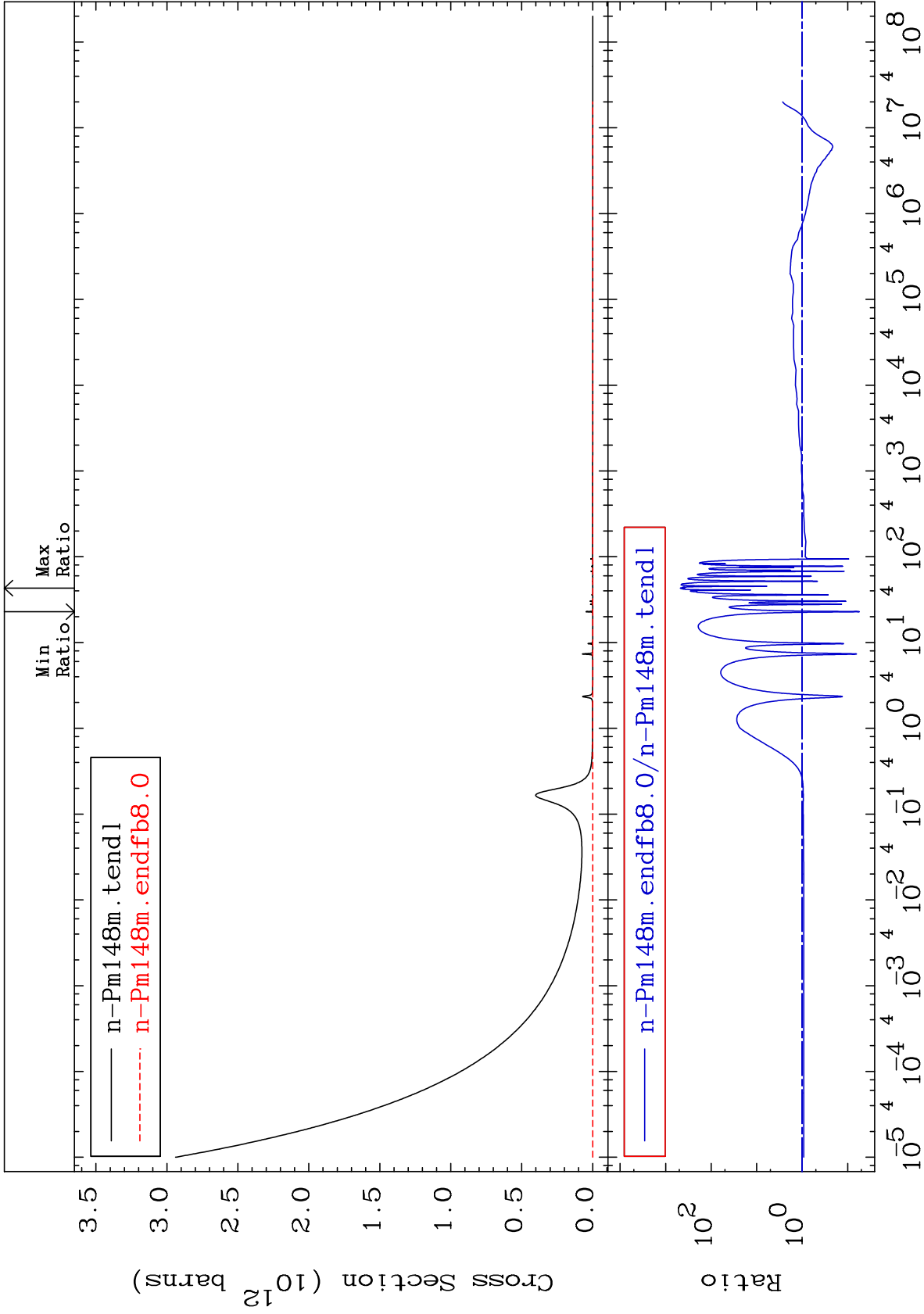
MAT 6153

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

61-Pm-148
-9999. To 570.0 %



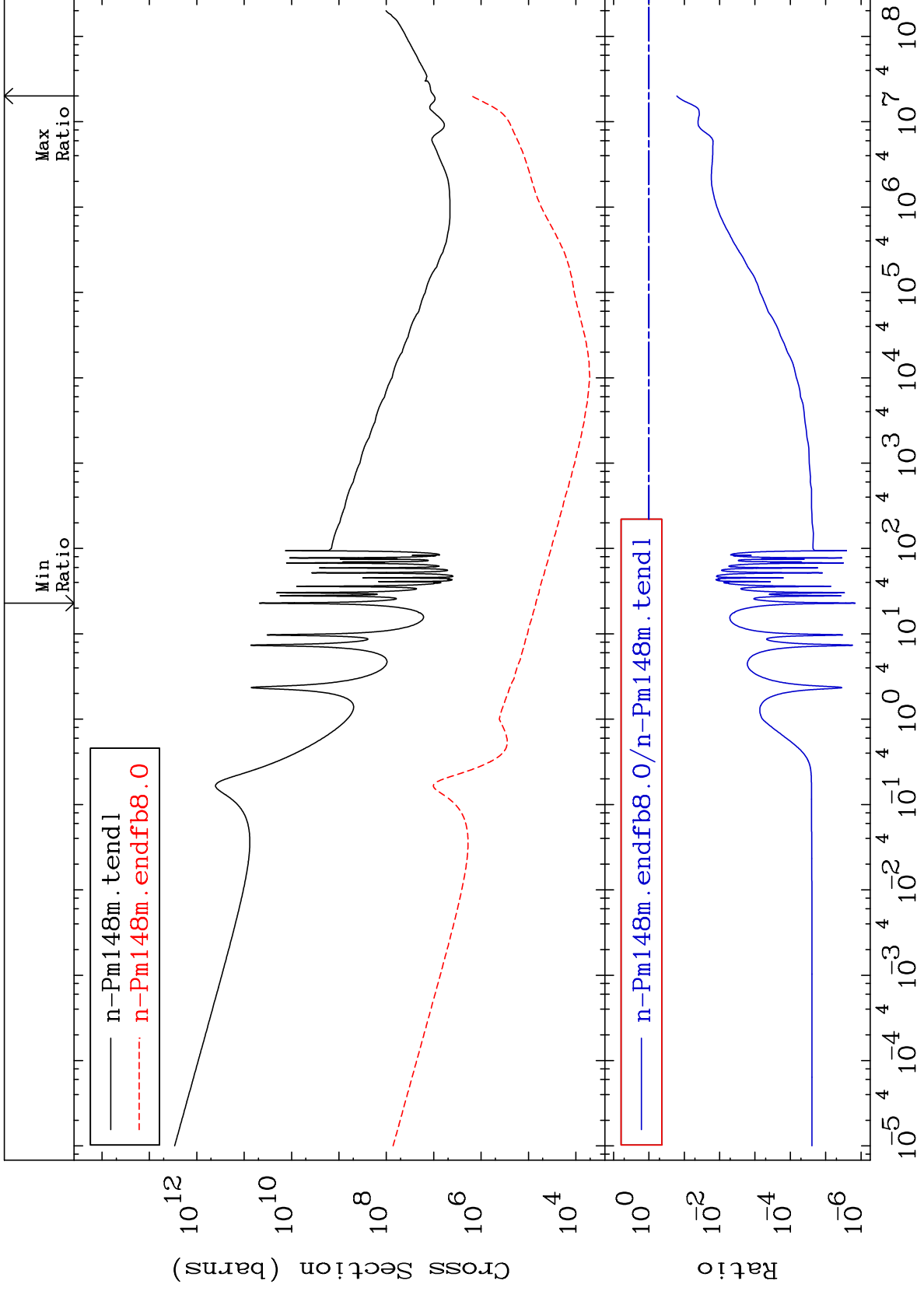




MAT 6153

Total kinematic kerma (high limit)
Cross Section

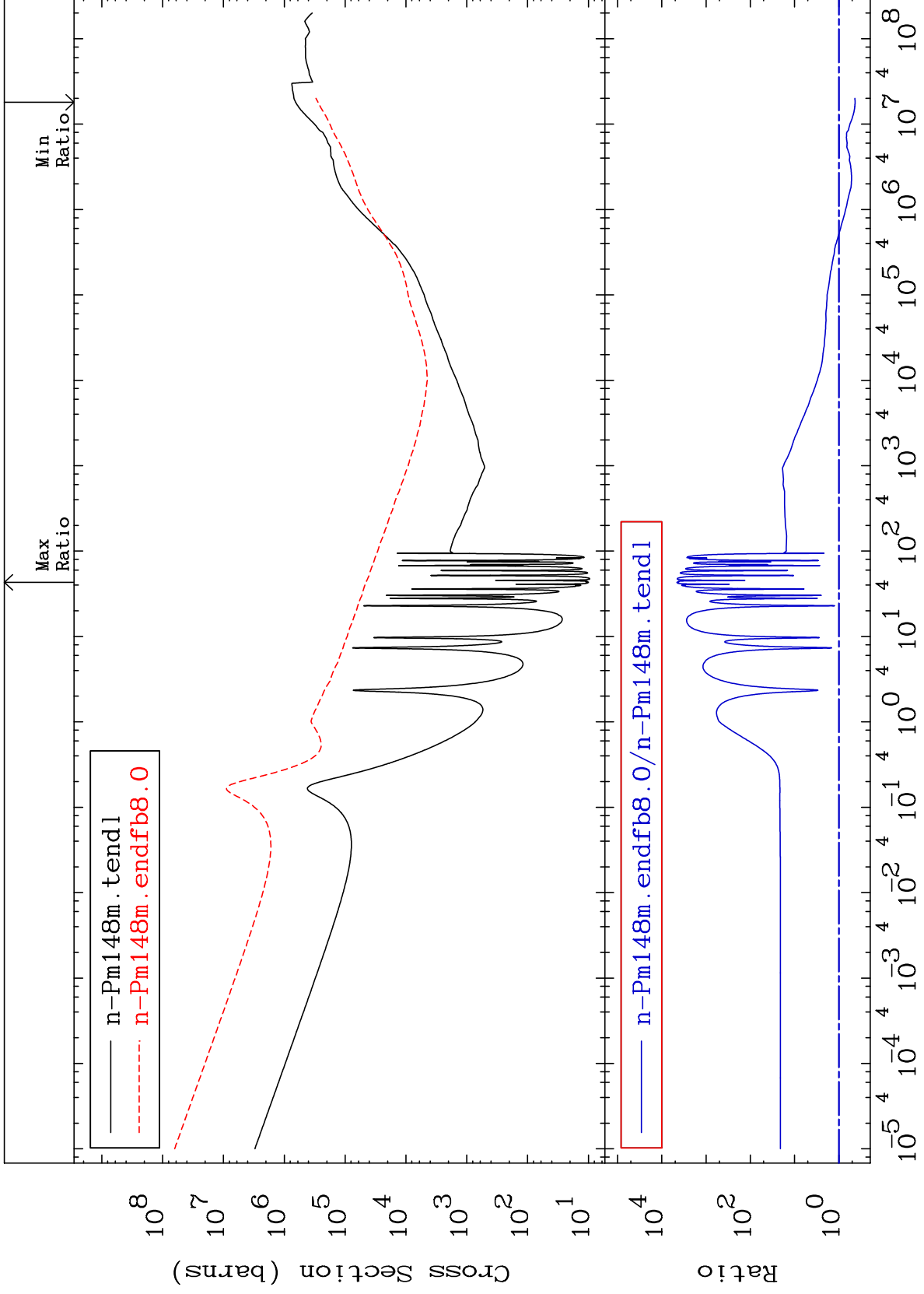
61-Pm-148
-100.0 To -83.87%



MAT 6153

Dpa total (eV-barns)
Cross Section

61-Pm-148
-57.13 To 9999. %



MAT 6153

Dpa elastic (mt2)
Cross Section

61-Pm-148
-93.35 To 47.48 %

