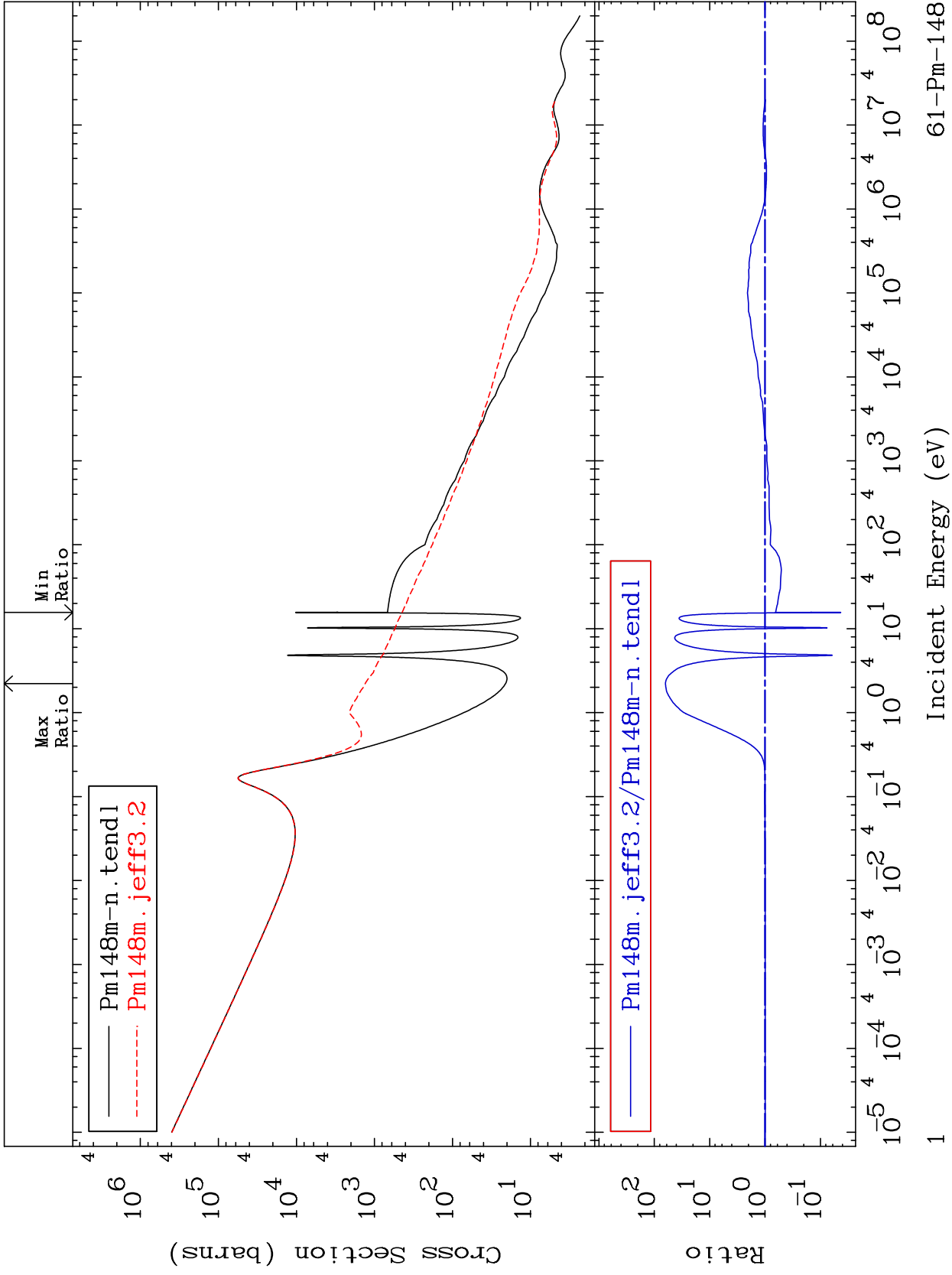


MAT 6153

Total
Cross Section

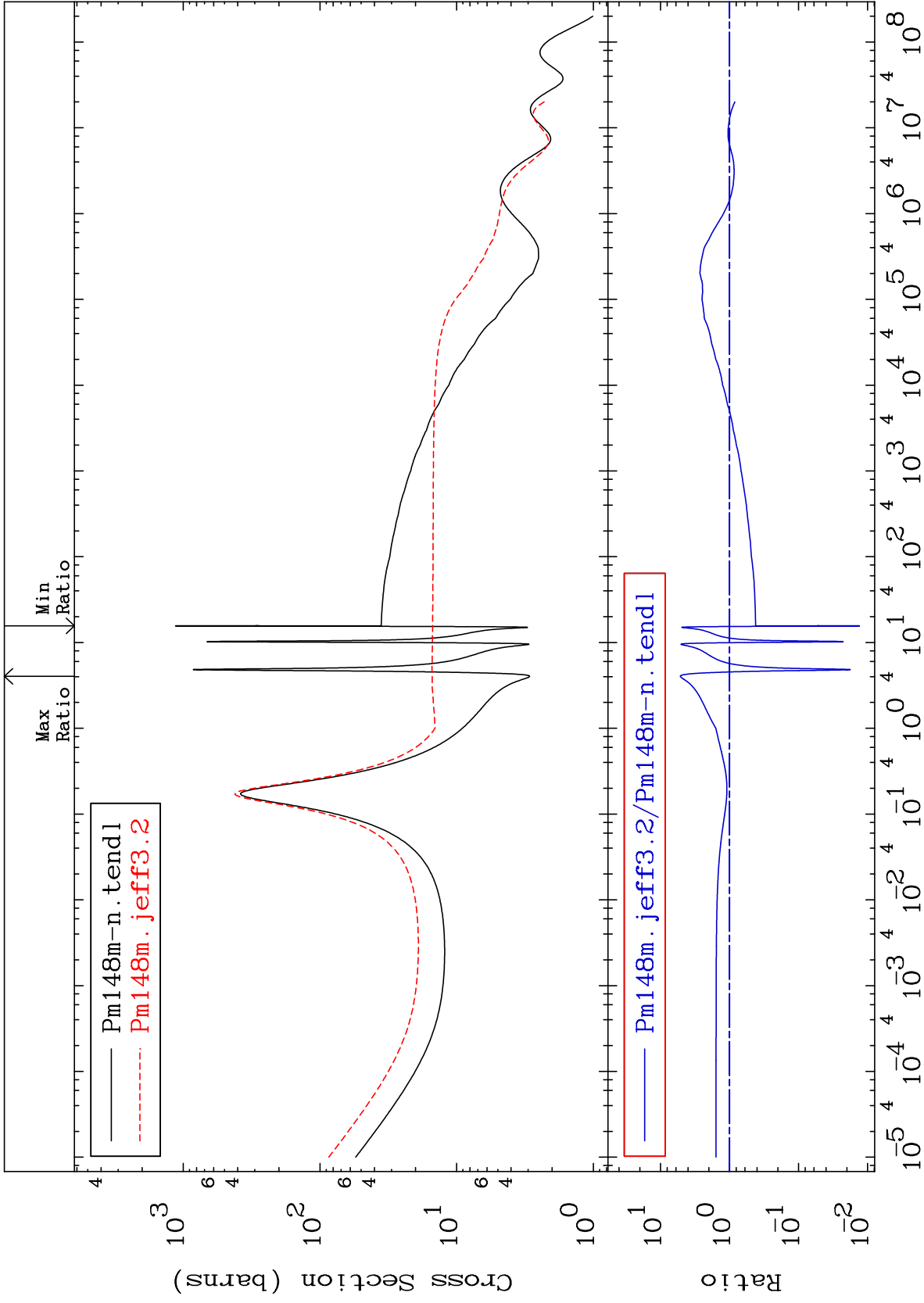
61-Pm-148
-95.69 To 6186. %



61-Pm-148

MAT 6153

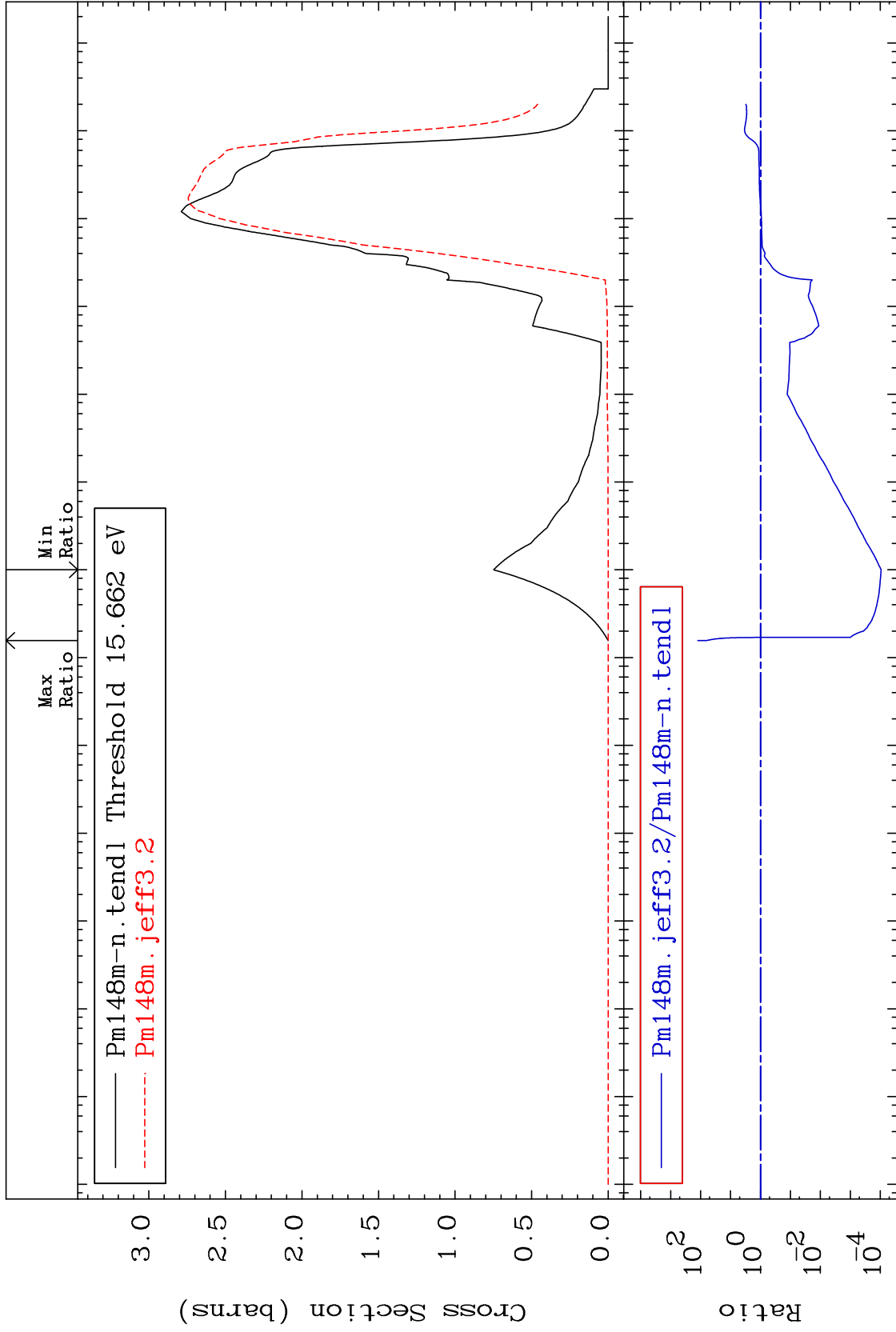
Elastic Cross Section
61-Pm-148
-98.69 To 417.1 %



61-Pm-148

Incident Energy (eV)

2



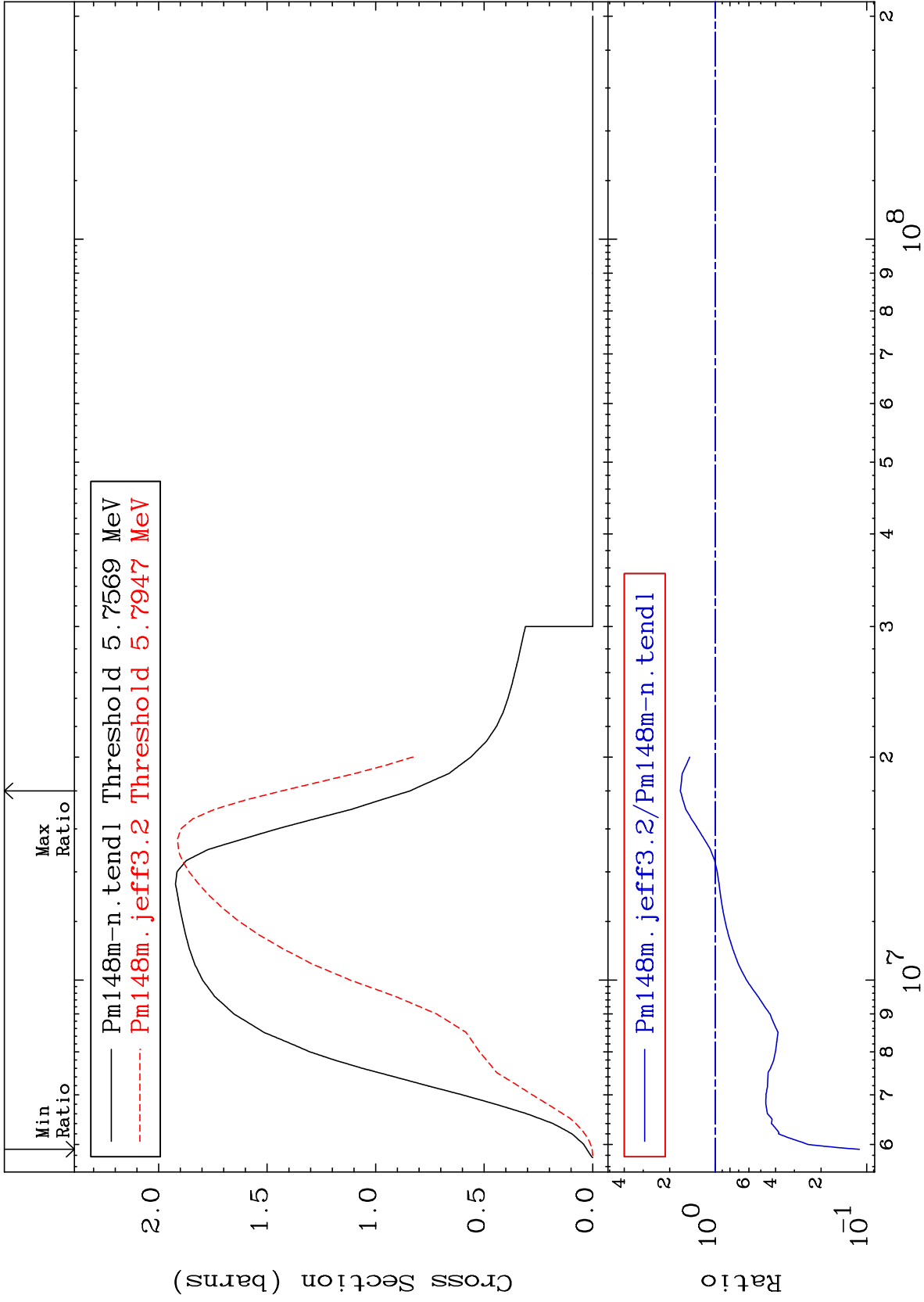
MAT 6153

(n,2n)

61-Pm-148

Cross Section

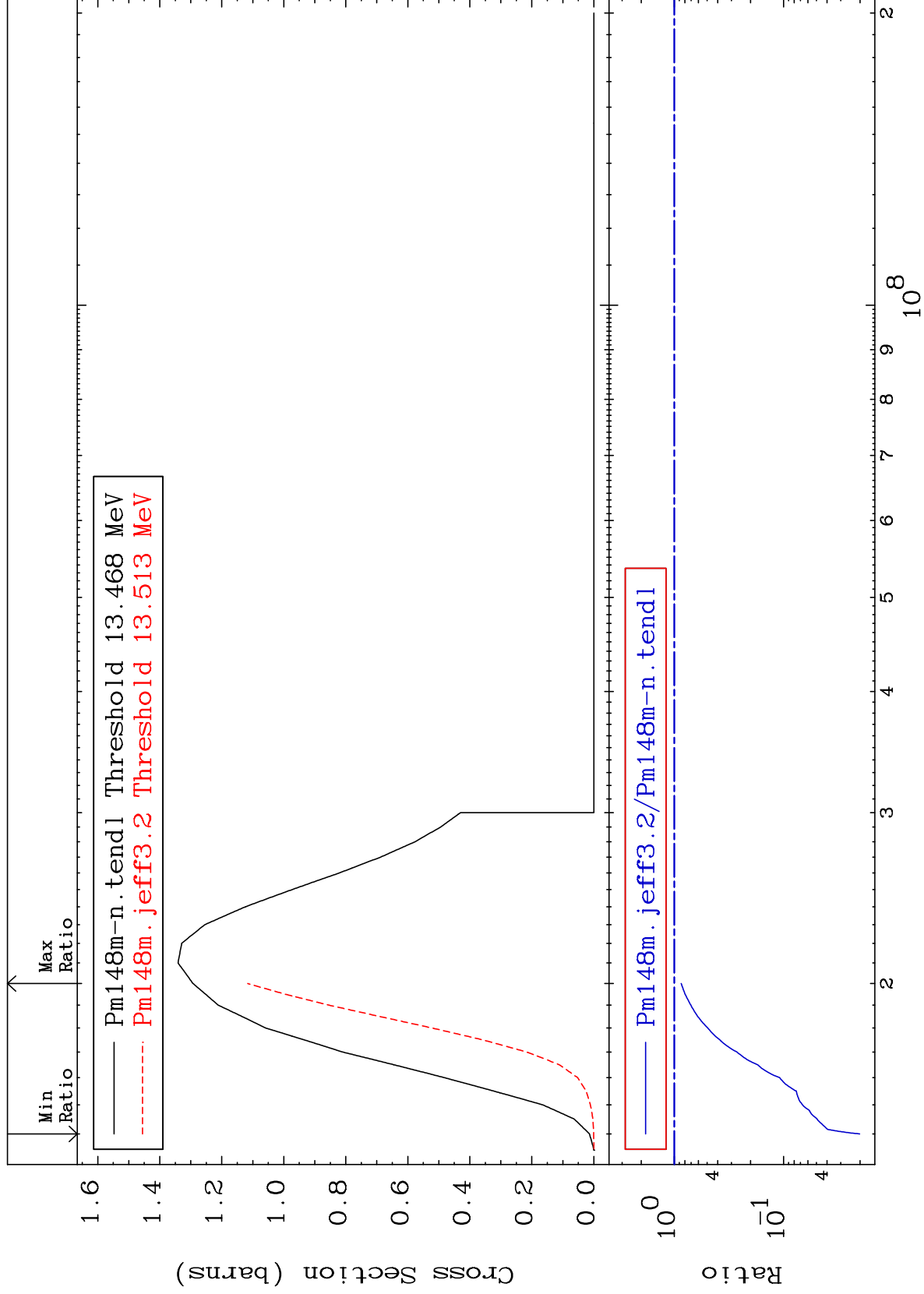
-88.84 To 70.21 %



MAT 6153

(n,3n)
Cross Section

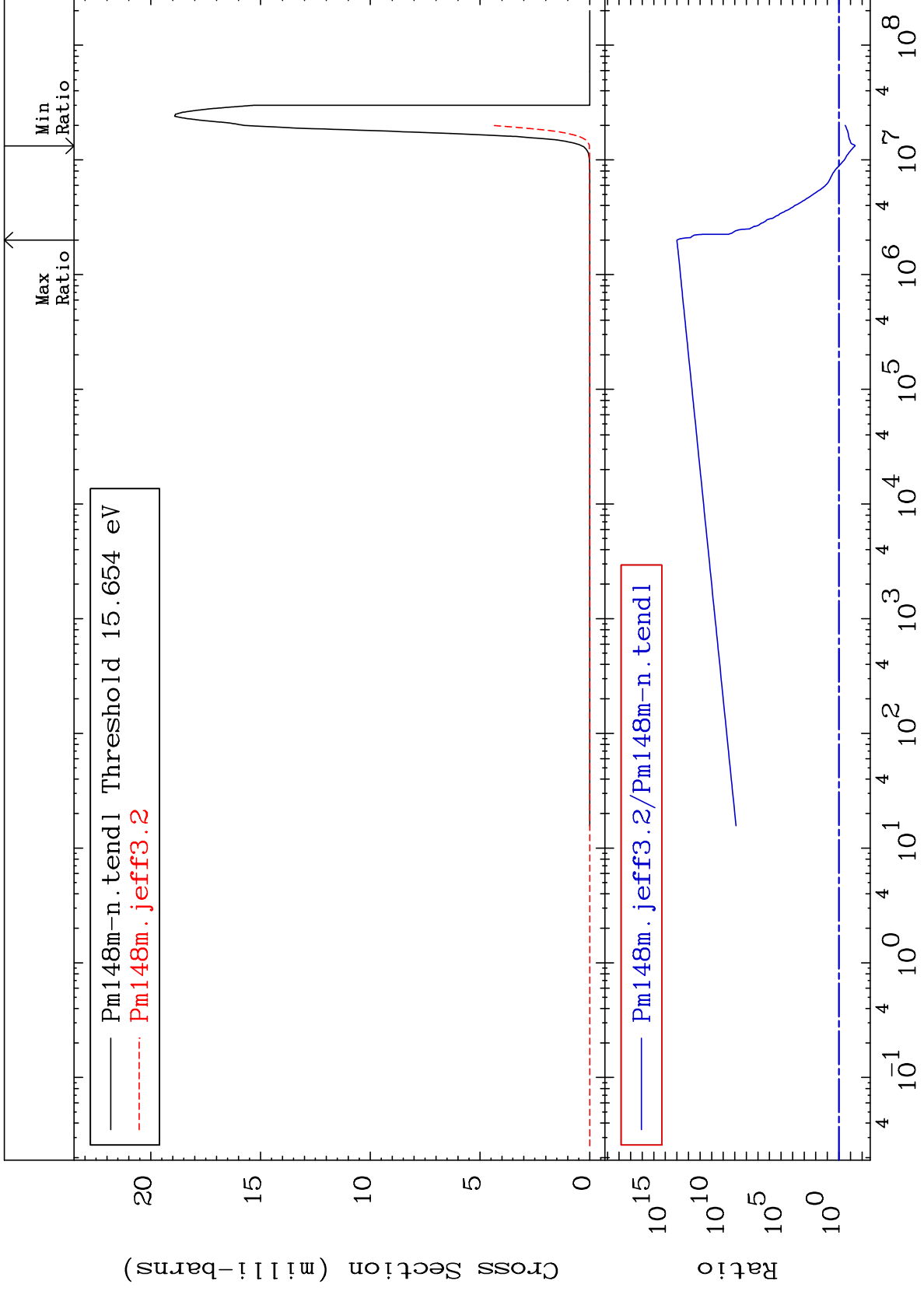
61-Pm-148
-97.99 To -13.64%



MAT 6153

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

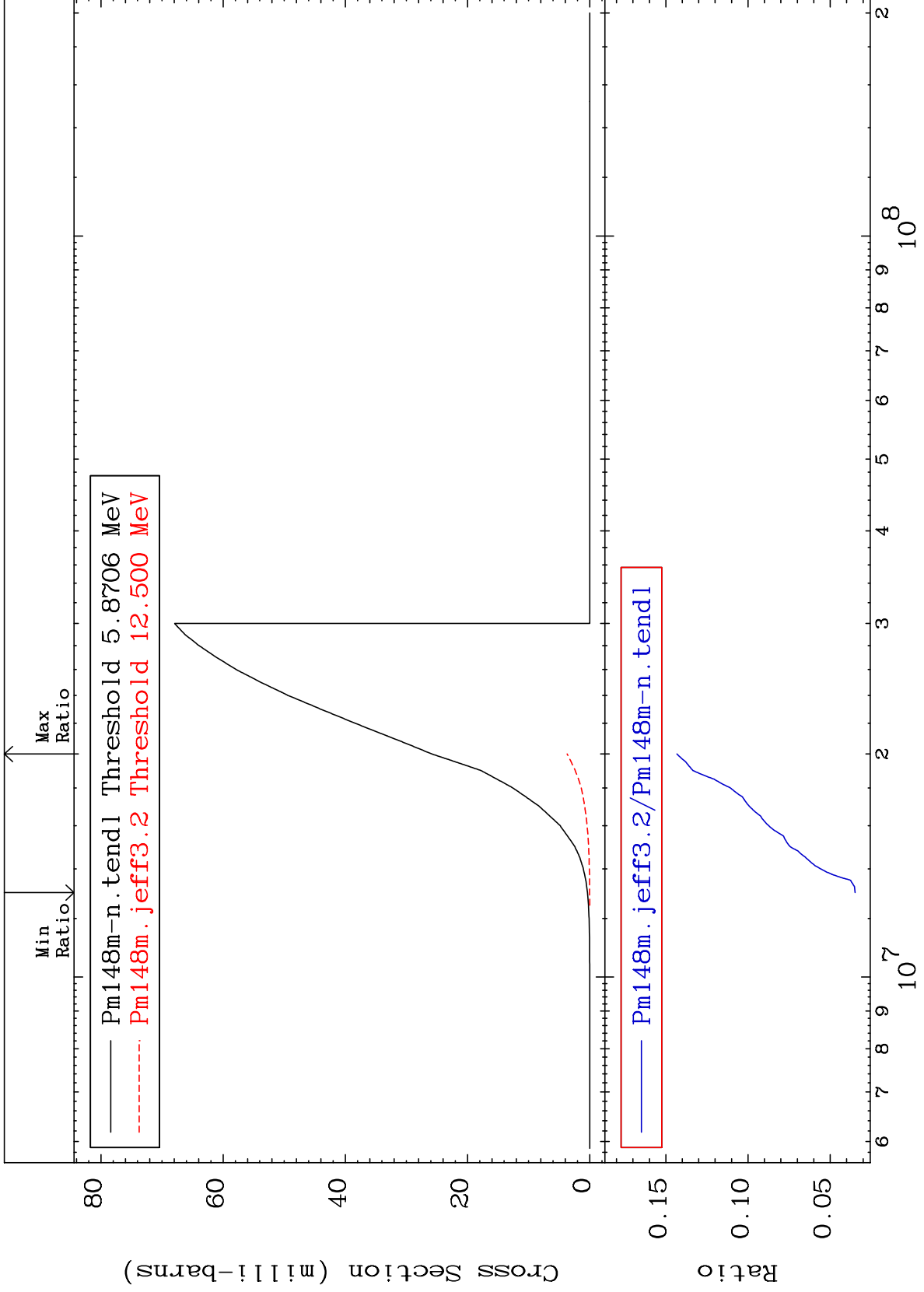
61-Pm-148
-96.01 To 9999. %



MAT 6153

(n,n') p
Cross Section

61-Pm-148
-96.51 To -85.67%



7

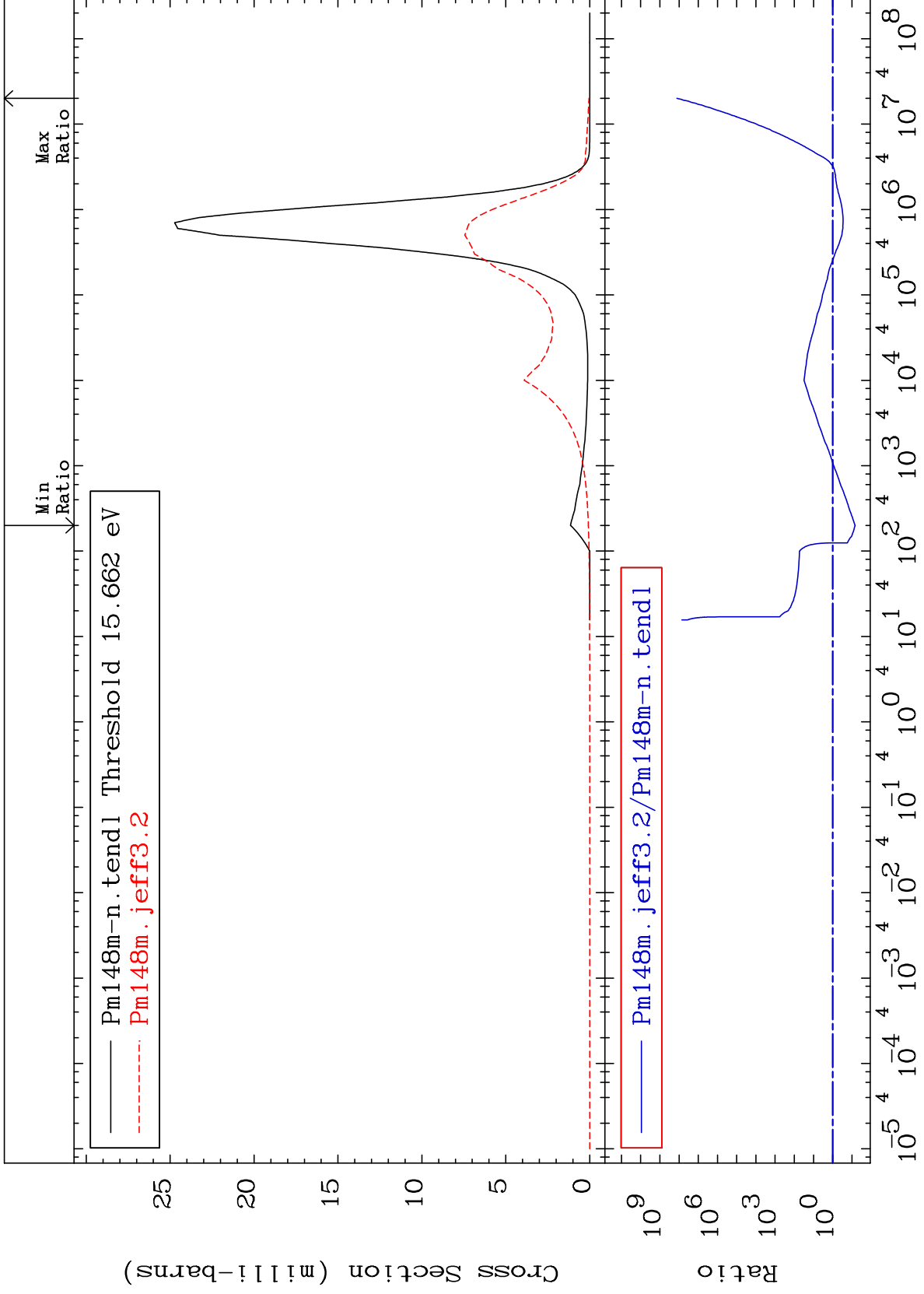
61-Pm-148

61-Pm-148

MAT 6153

0.000 keV (n,n') Level
Cross Section

61-Pm-148
-93.17 To 9999. %



8

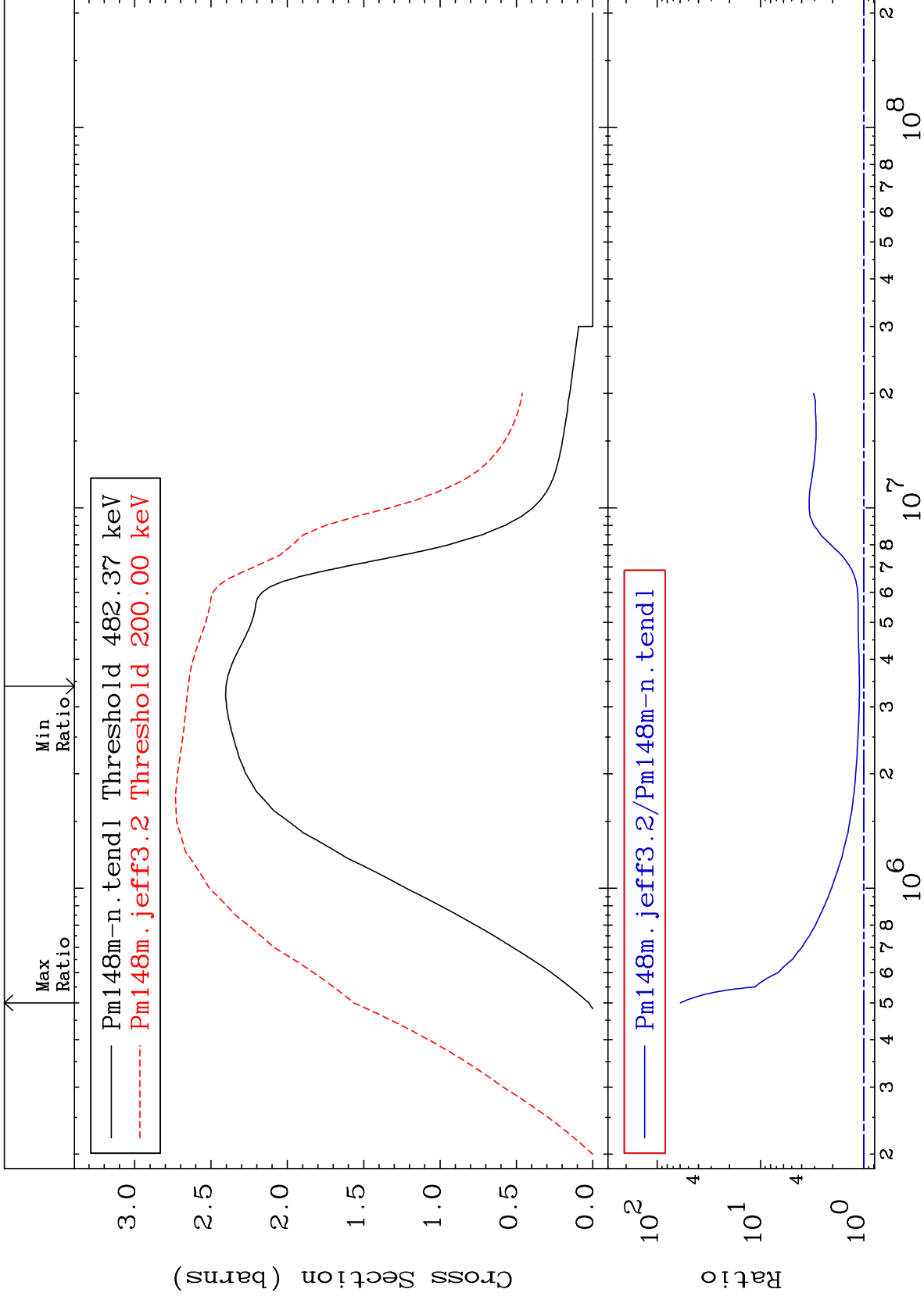
Incident Energy (eV)

61-Pm-148

MAT 6153

(n, n') Continuum
Cross Section

61-Pm-148
10.30 To 5875. %



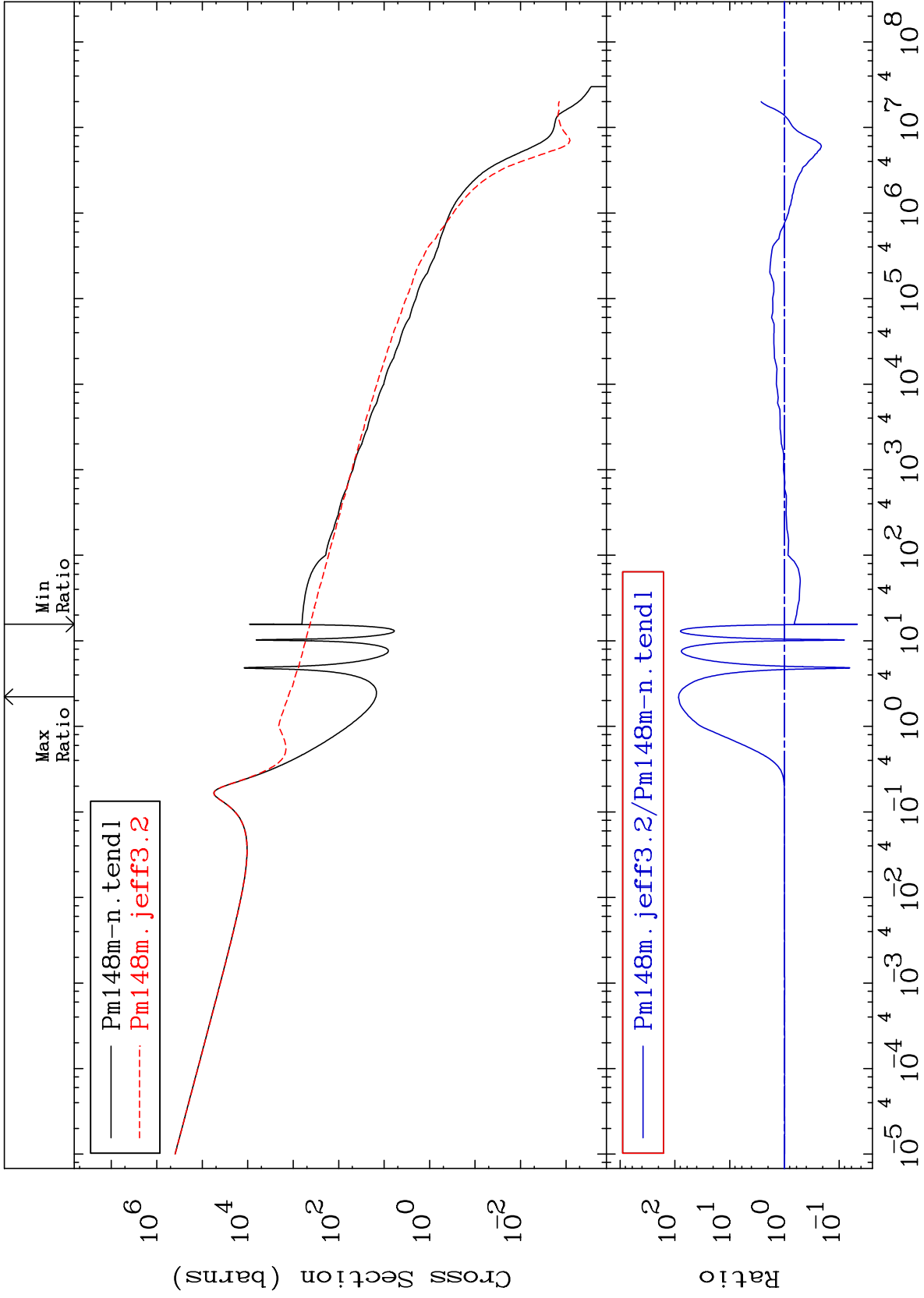
10

Incident Energy (eV)

61-Pm-148

MAT 6153

(n, γ) Cross Section
61-Pm-148
-95.31 To 8437. %



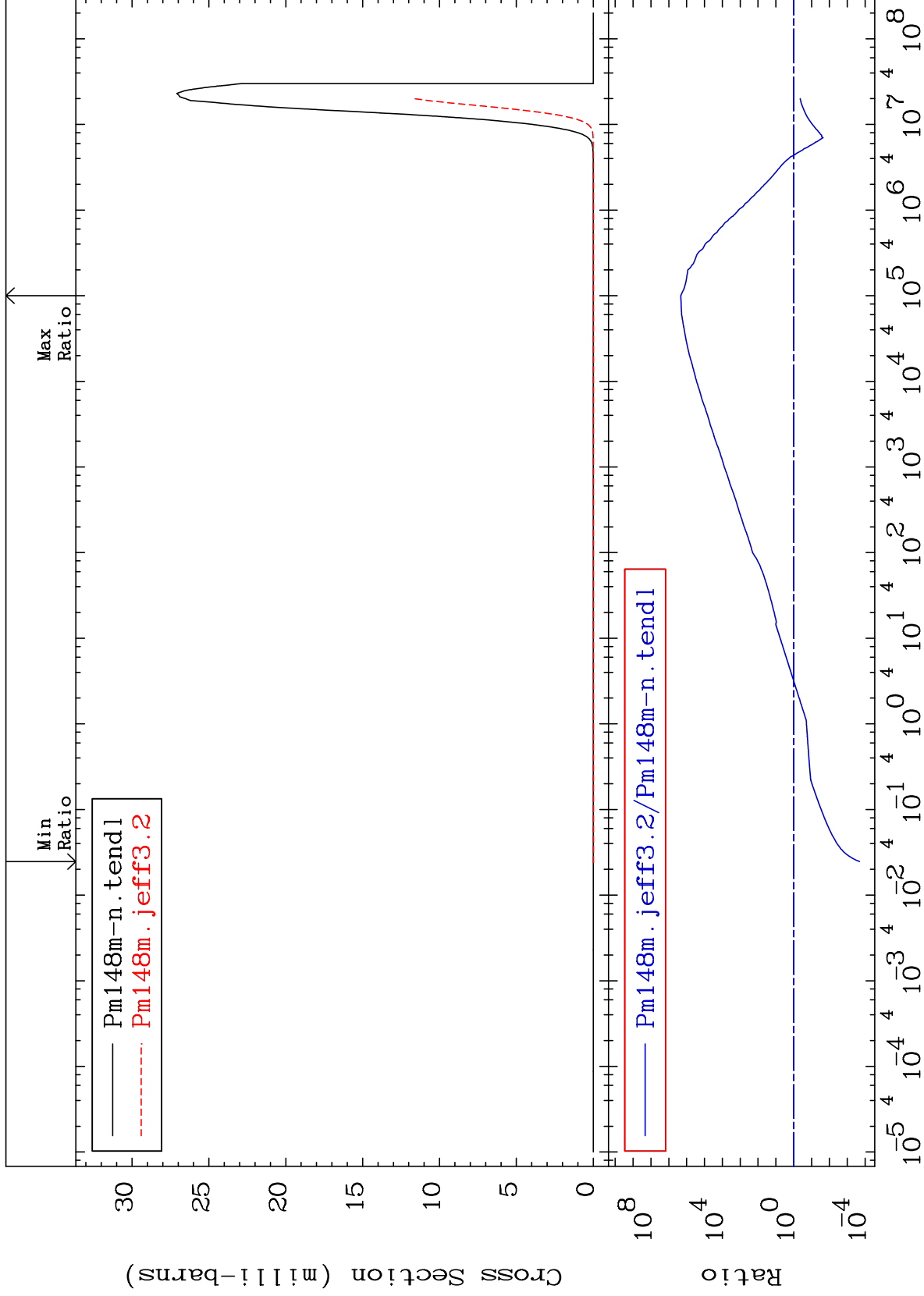
MAT 6153

(n, p)

61-Pm-148

Cross Section

-99.98 To 9999. %



12

Incident Energy (eV)

61-Pm-148

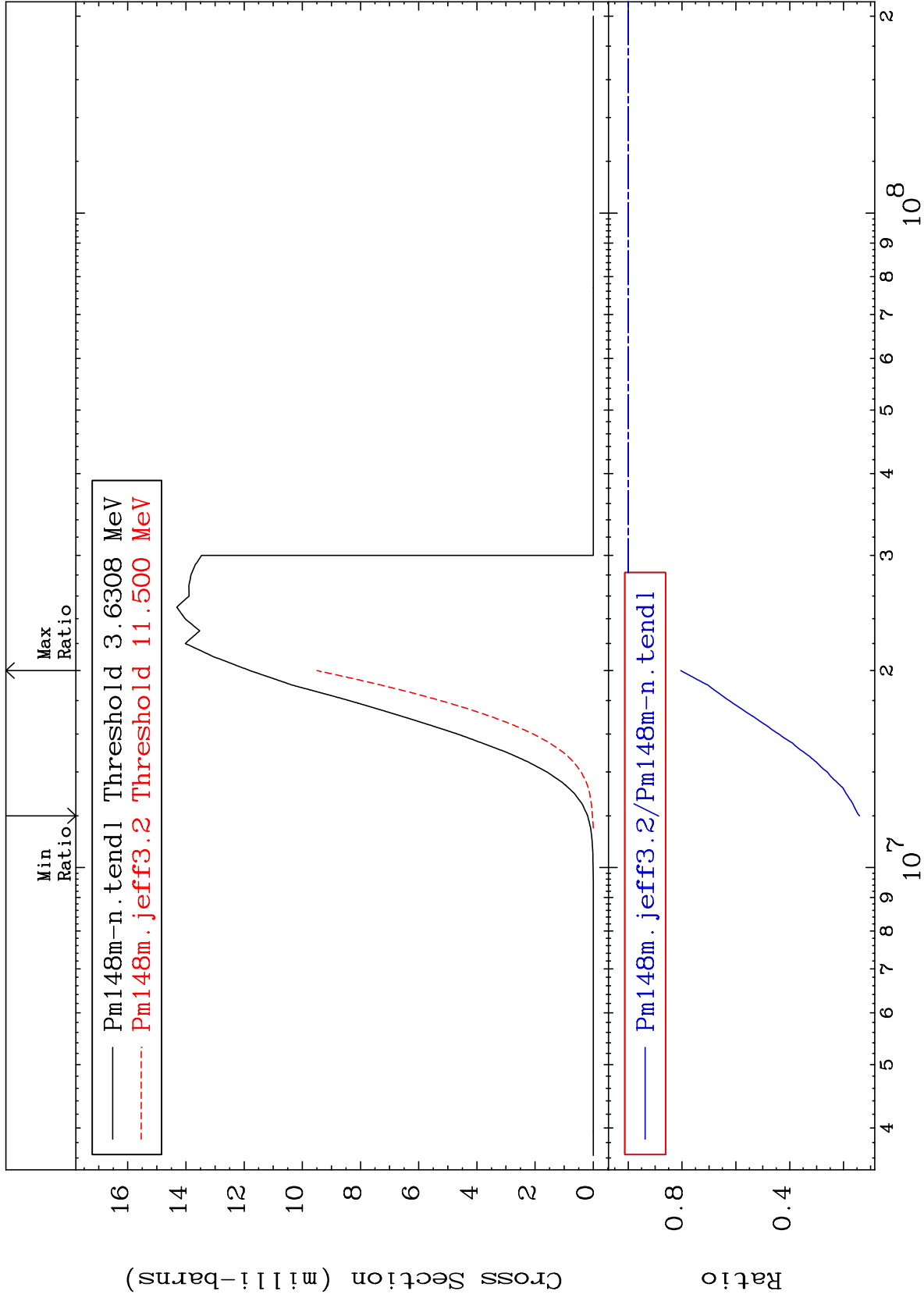
MAT 6153

(n, d)

61-Pm-148

Cross Section

-85.92 To -19.52%



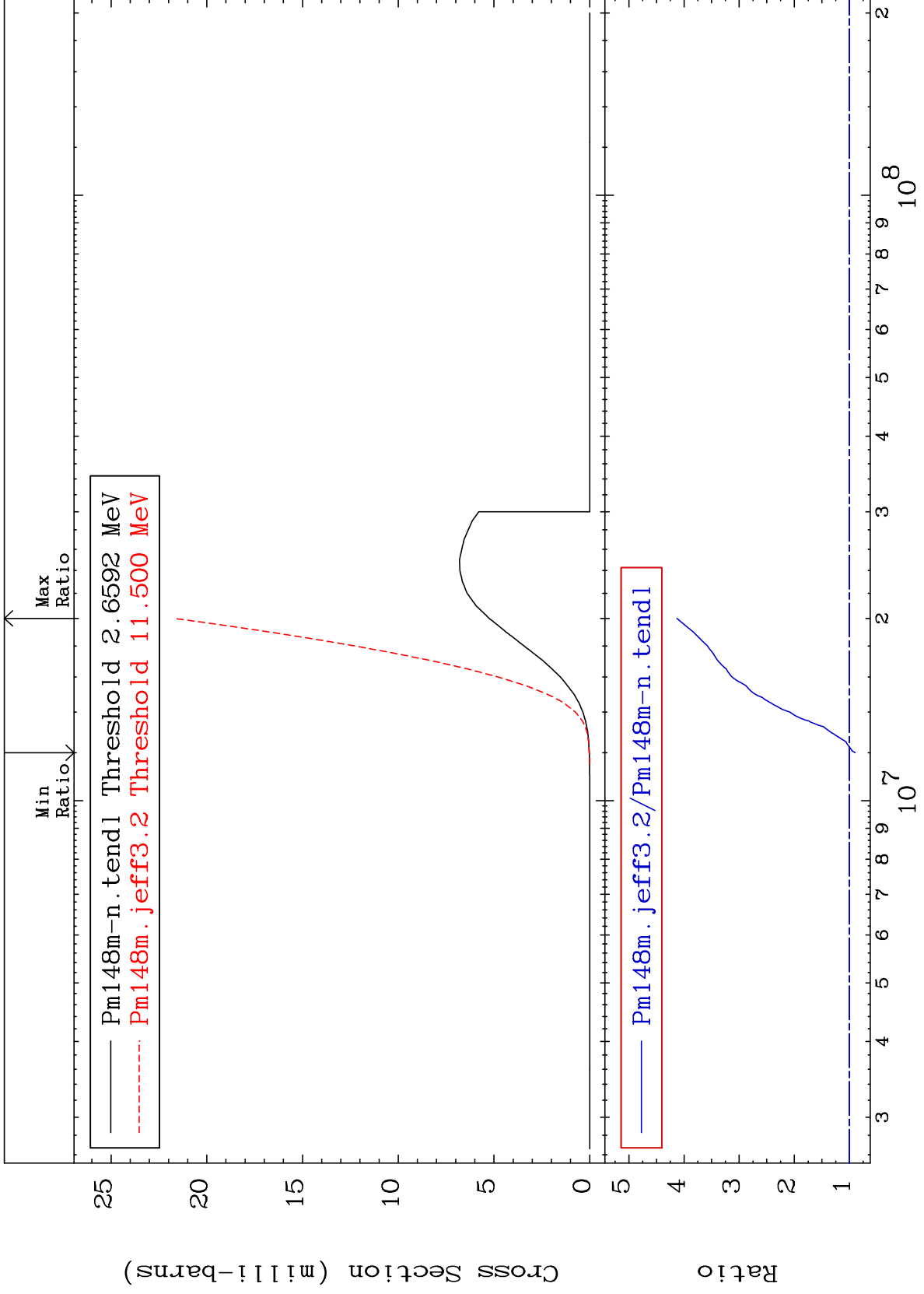
13

Incident Energy (eV)

61-Pm-148

MAT 6153

(n, t)
Cross Section
61-Pm-148
-10.19 To 312.9 %



14

Incident Energy (eV)

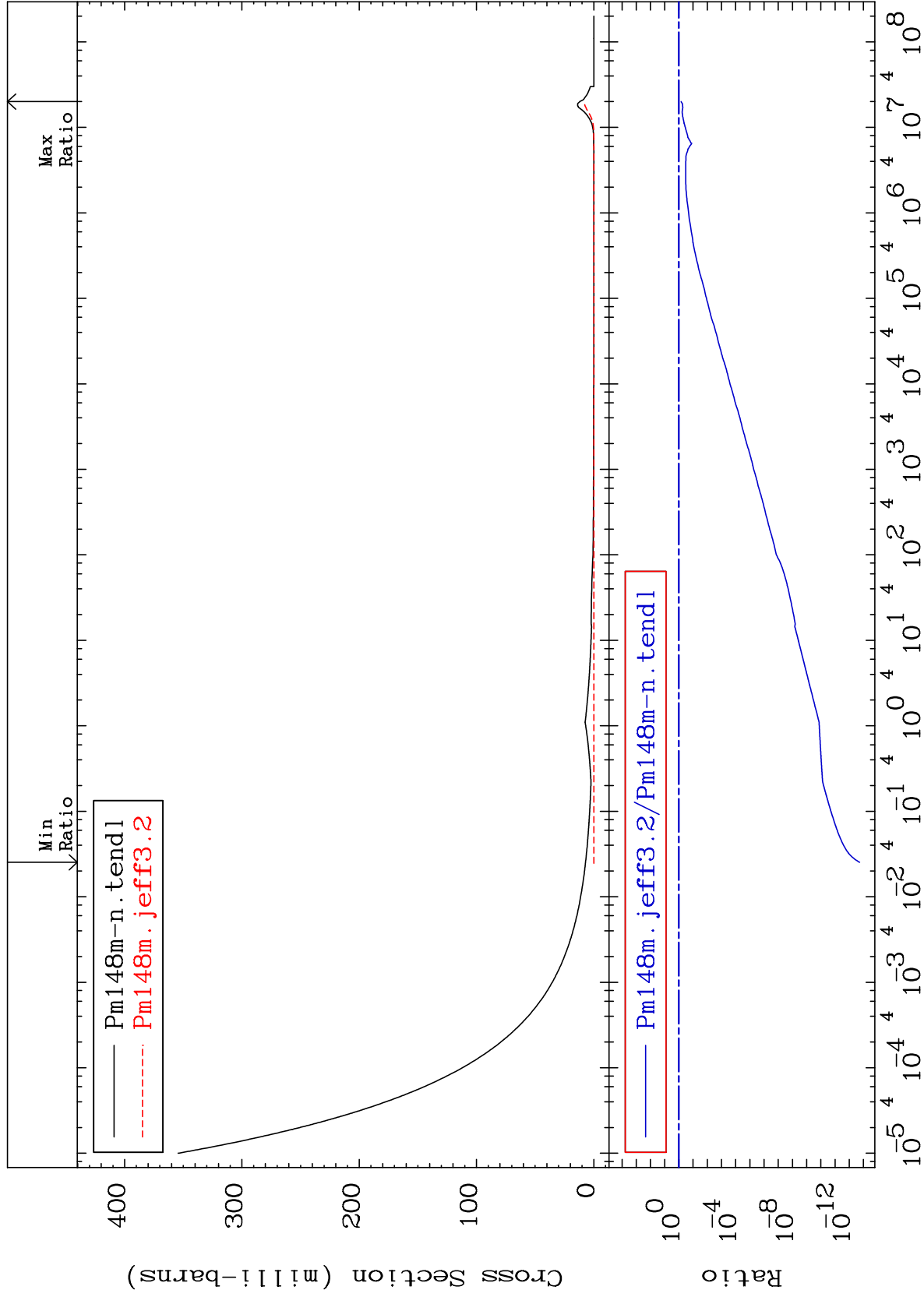
61-Pm-148

MAT 6153

61-Pm-148

(n, α)
Cross Section

-100.0 To -31.38%



61-Pm-148

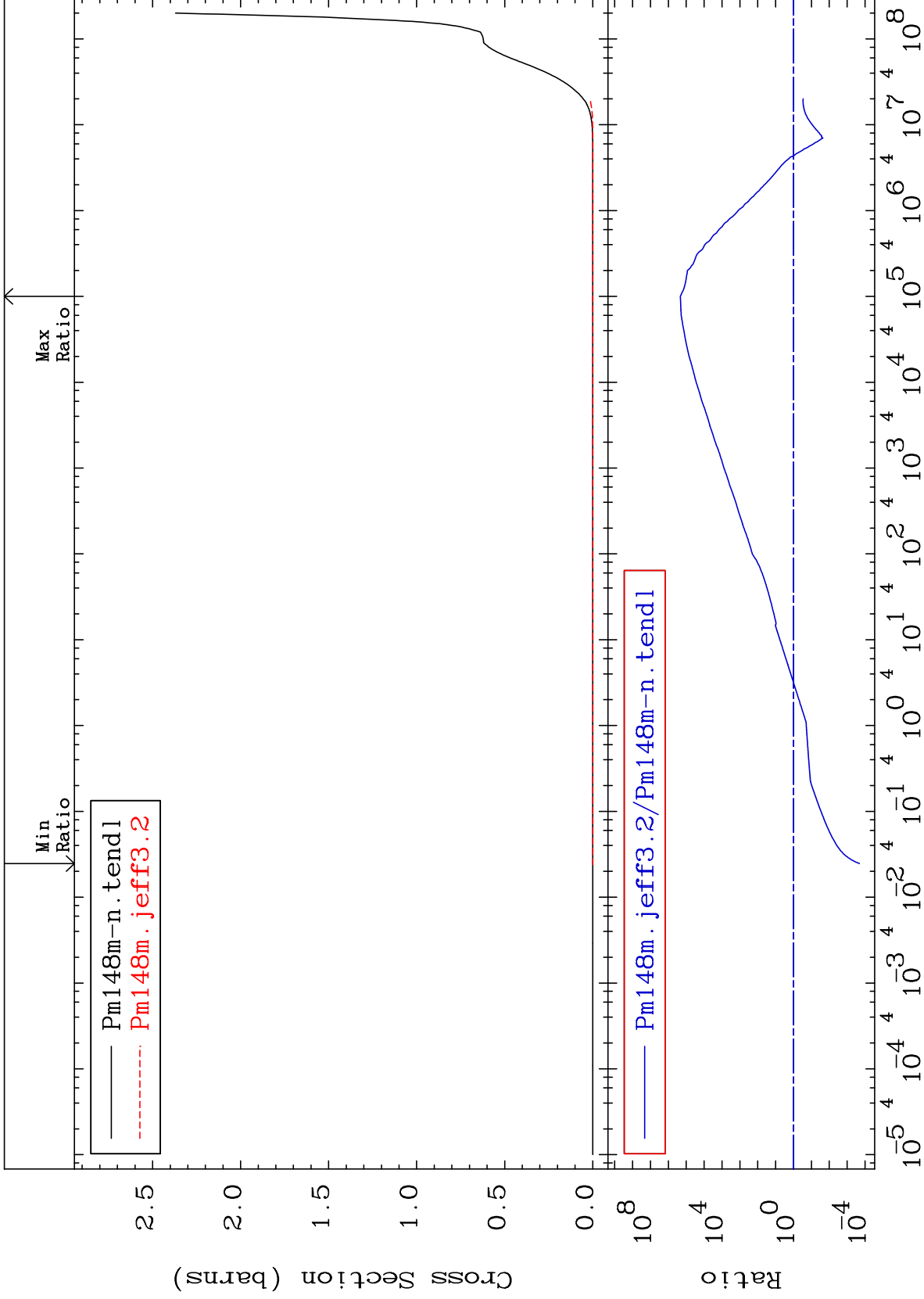
Incident Energy (eV)

15

MAT 6153

Hydrogen Production Cross Section

61-Pm-148
-99.98 To 9999. %



16

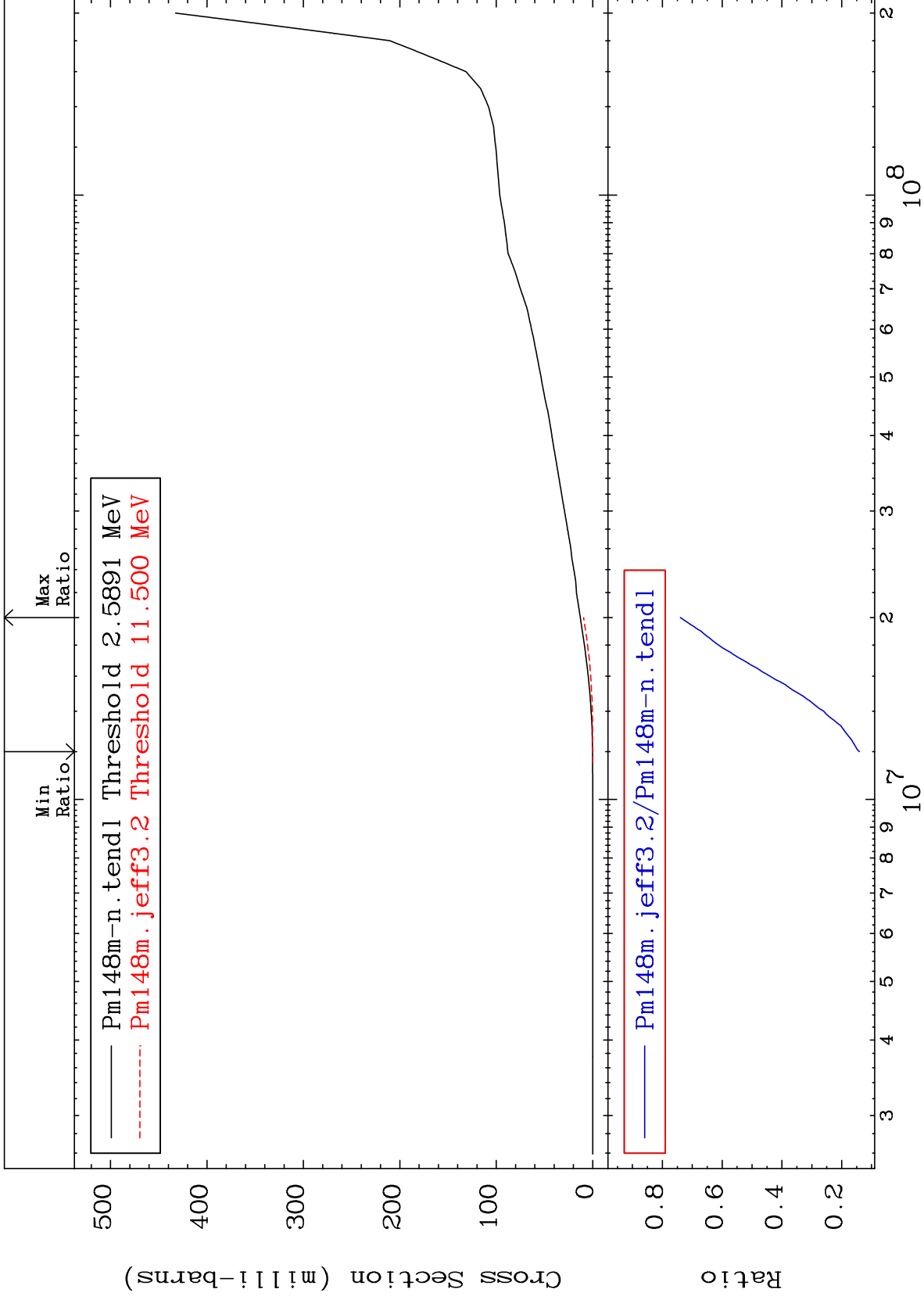
Incident Energy (eV)

61-Pm-148

MAT 6153

Deuterium Production
Cross Section

61-Pm-148
-85.92 To -26.03%



17

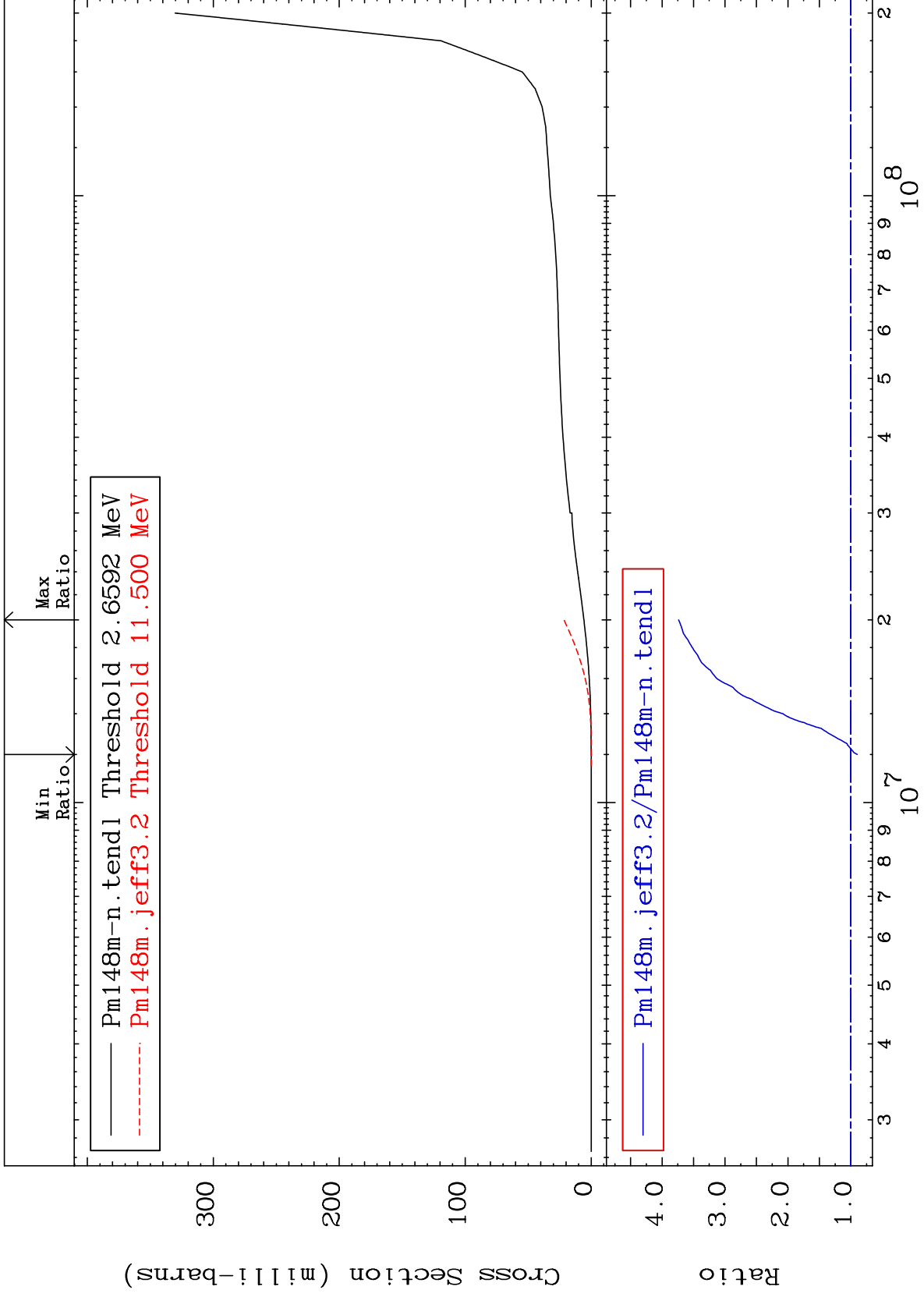
Incident Energy (eV)

61-Pm-148

MAT 6153

Tritium Production
Cross Section

61-Pm-148
-10.19 To 273.7 %



18

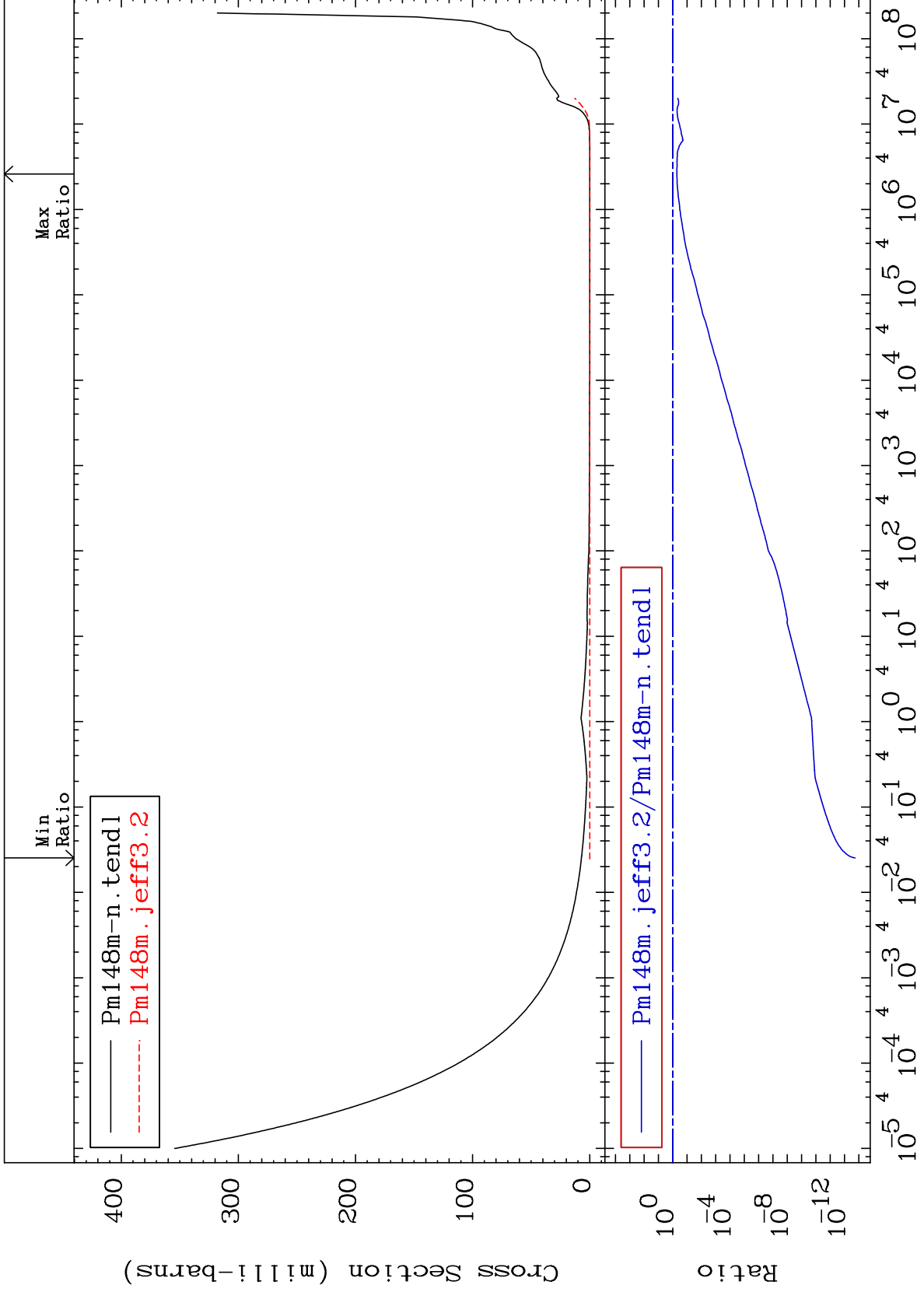
Incident Energy (eV)

61-Pm-148

MAT 6153

He-4 Production
Cross Section

61-Pm-148
-100.0 To -48.41%



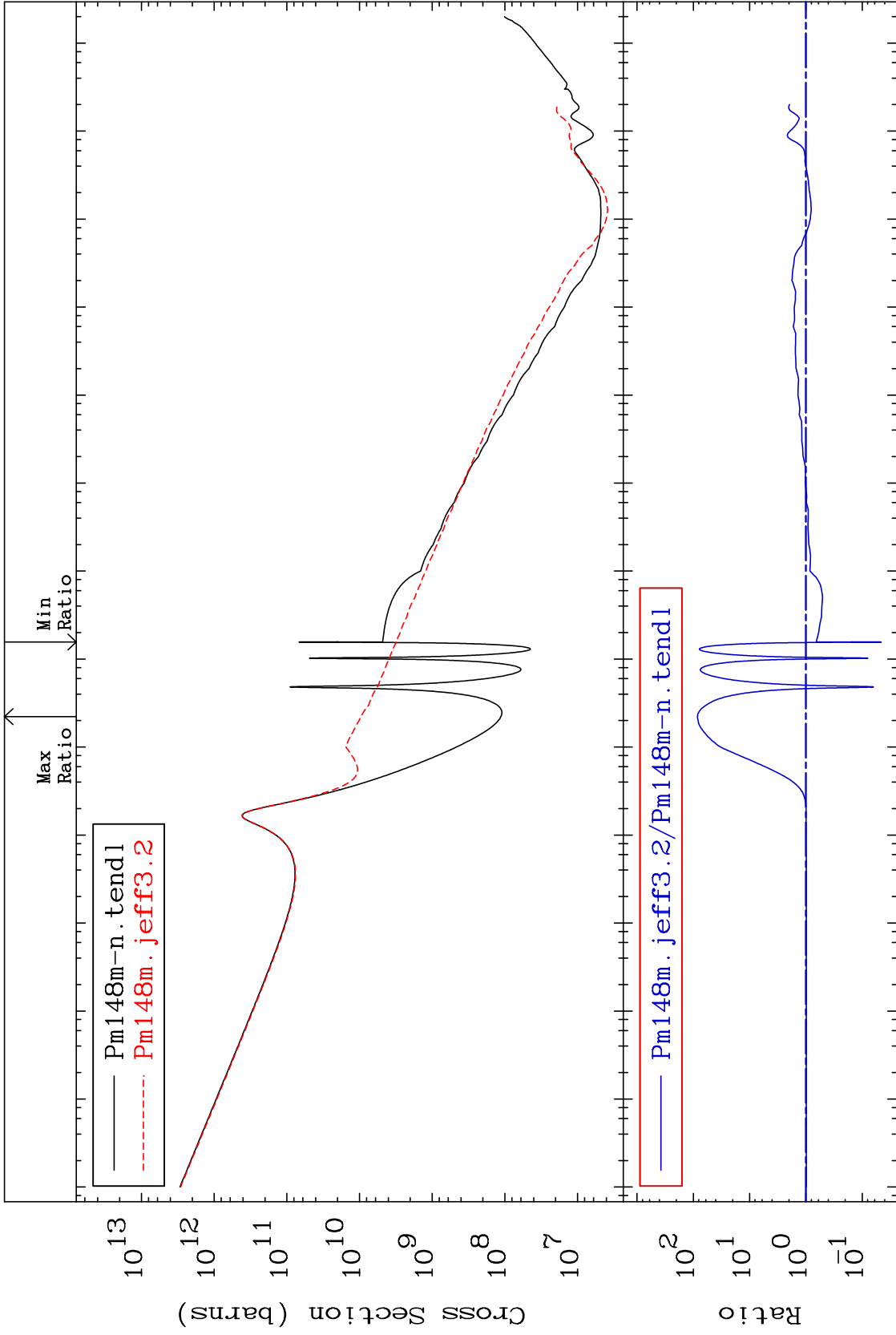
MAT 6153

Kerma total (eV-barns)

61-Pm-148

-95.38 To 8319. %

Cross Section



20

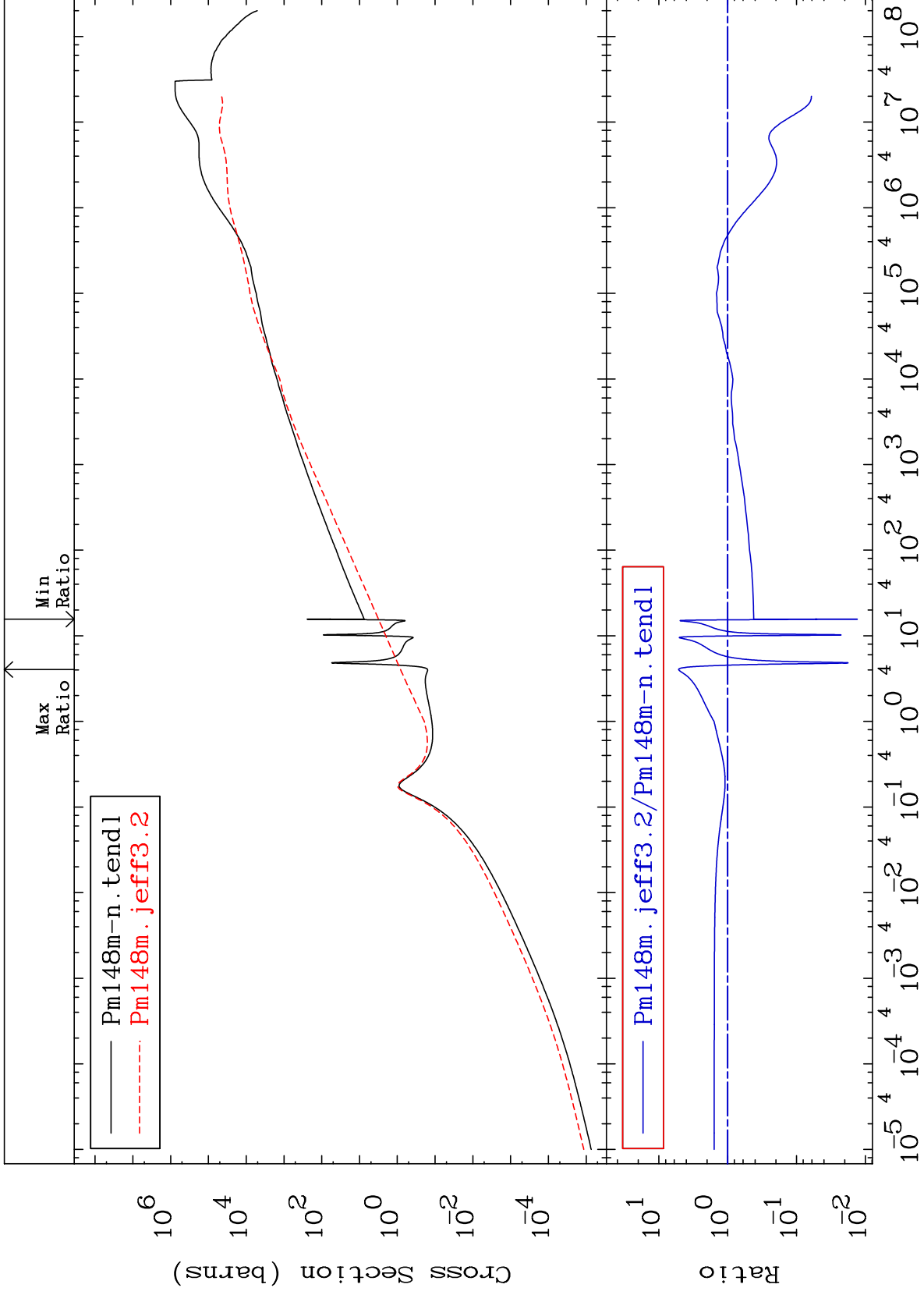
Incident Energy (eV)

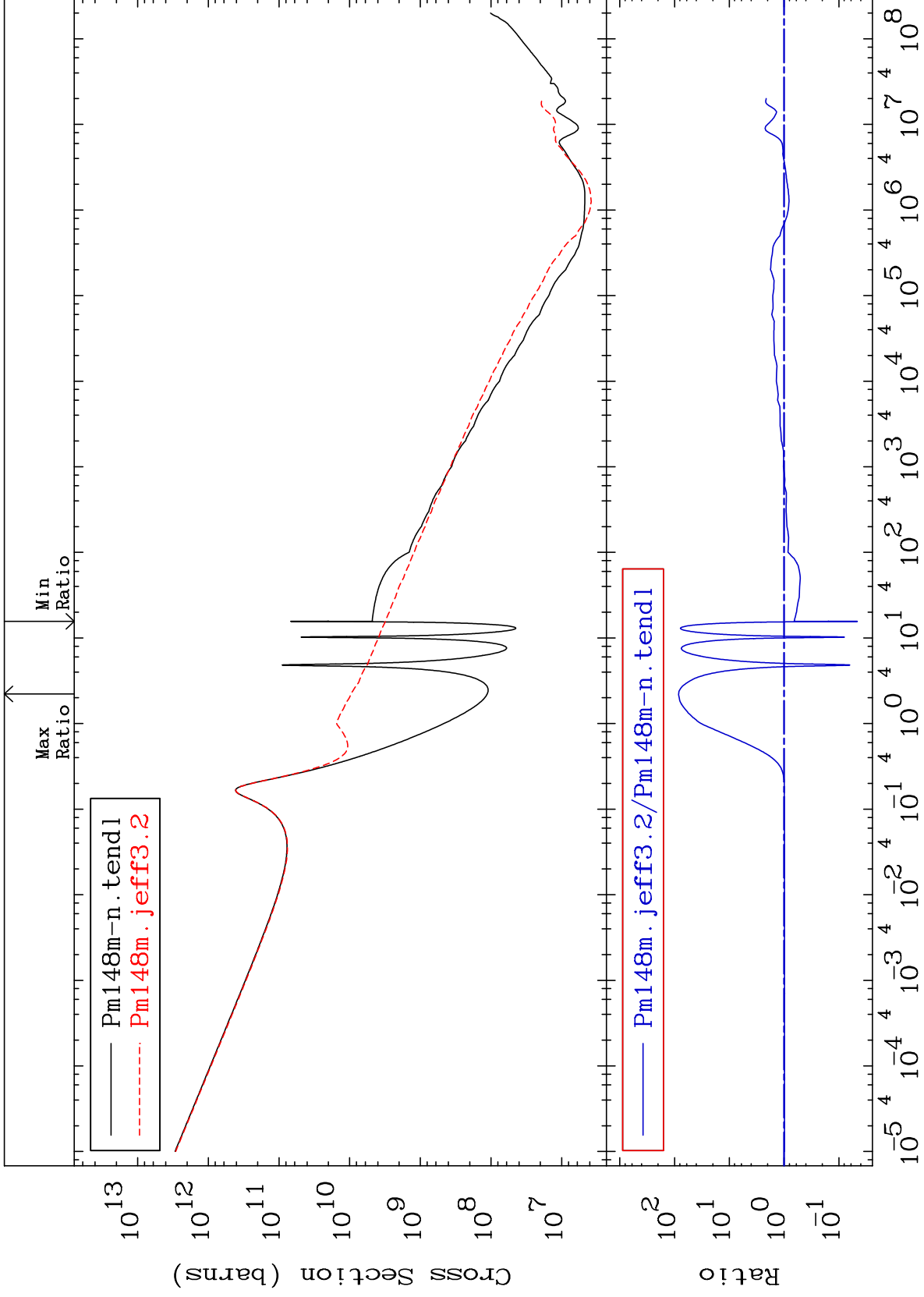
61-Pm-148

MAT 6153

Kerma elastic
Cross Section

61-Pm-148
-98.69 To 417.3 %

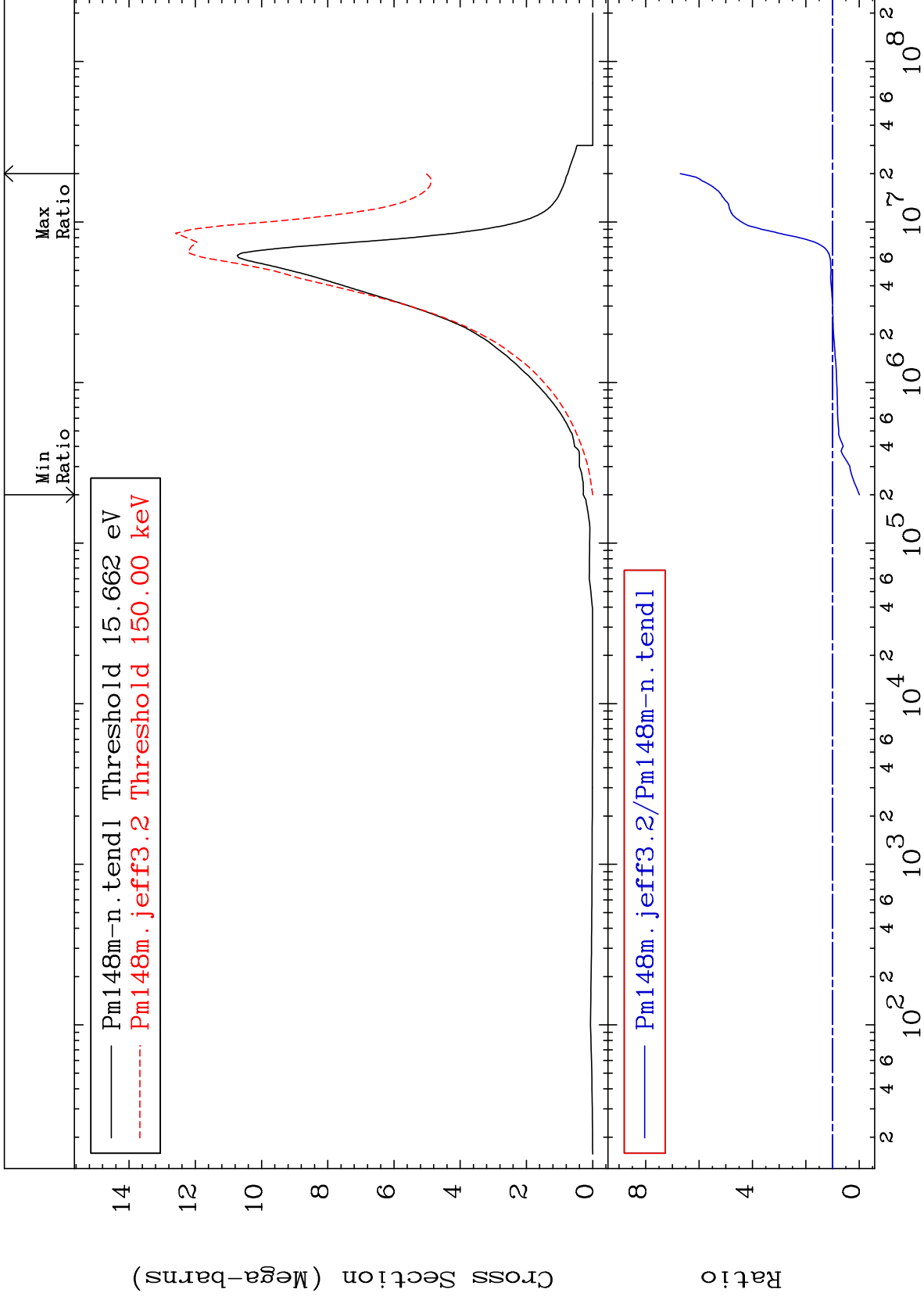




MAT 6153

Kerma inelastic (mt51-91)
Cross Section

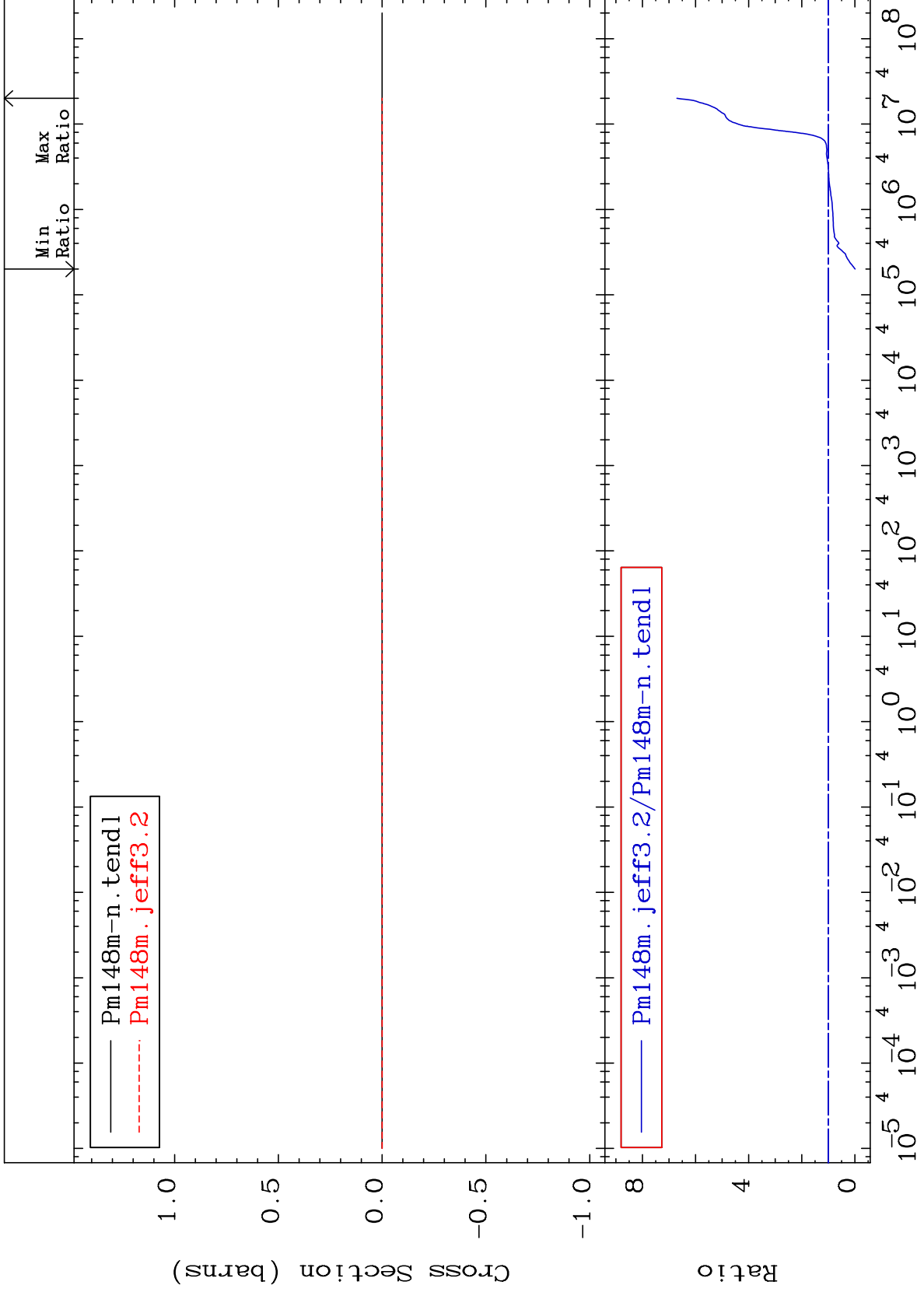
61-Pm-148
-100.6 To 570.0 %

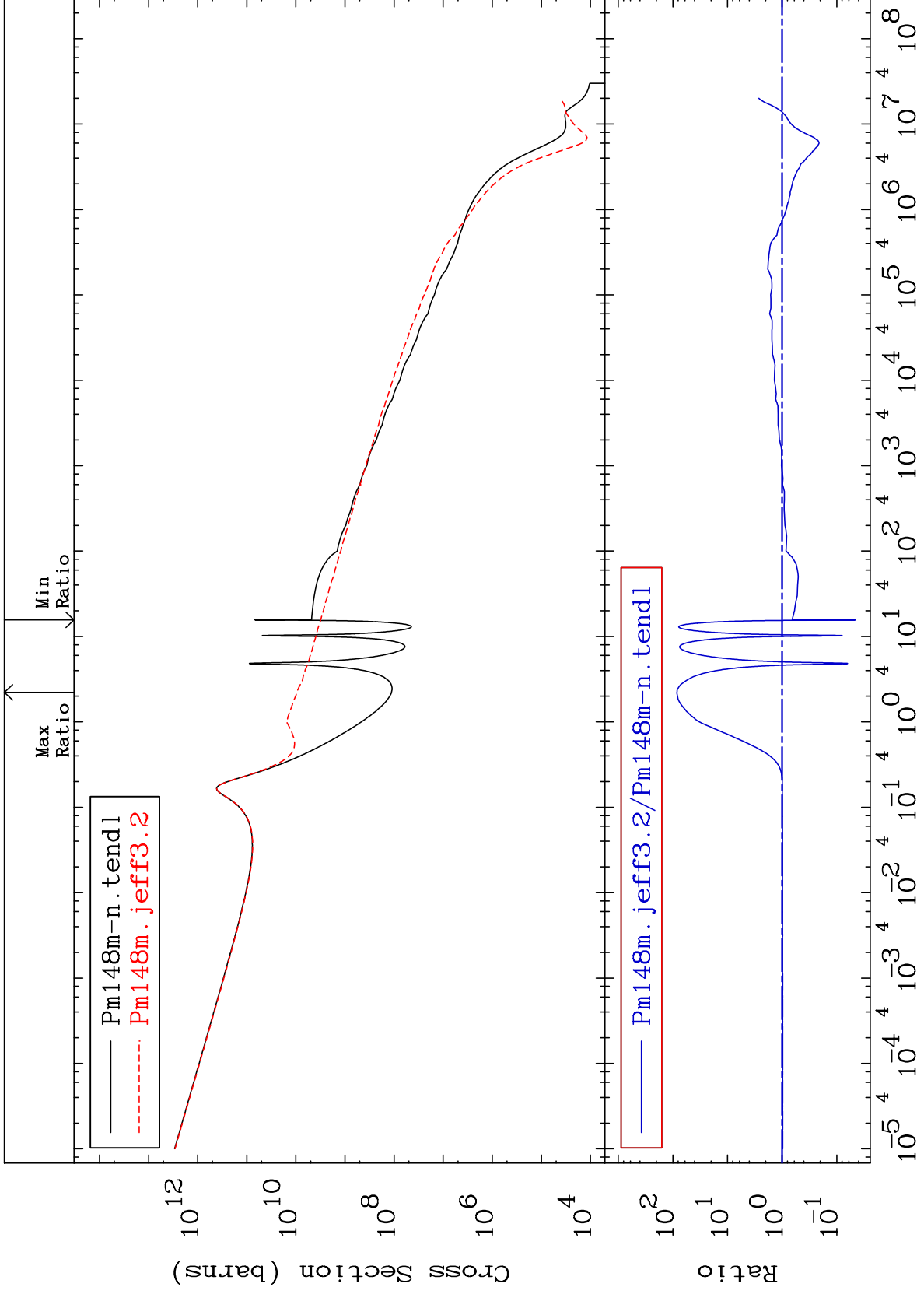


MAT 6153

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

61-Pm-148
-100.6 To 570.0 %

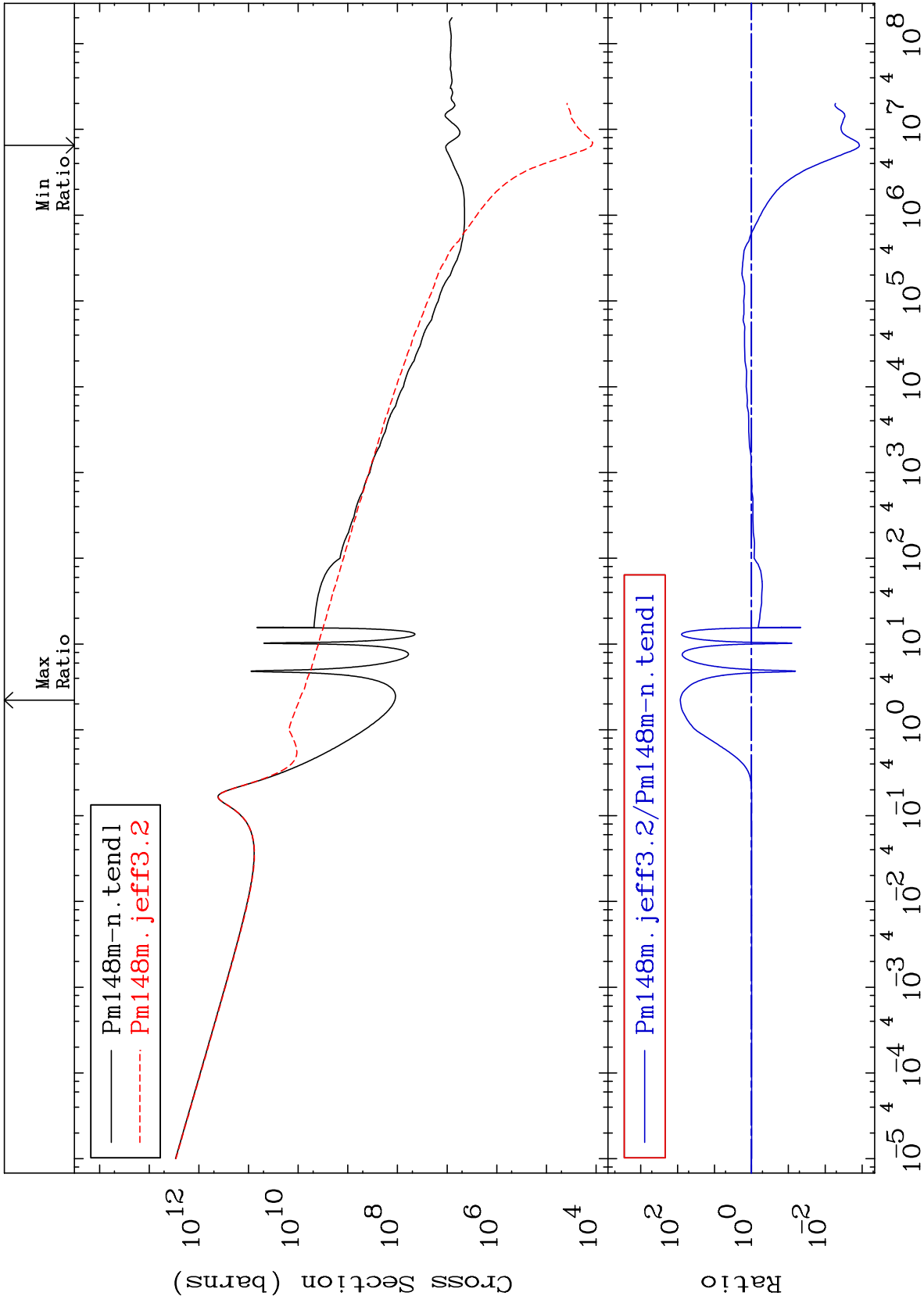




MAT 6153

Total photon (eV-barns)
Cross Section

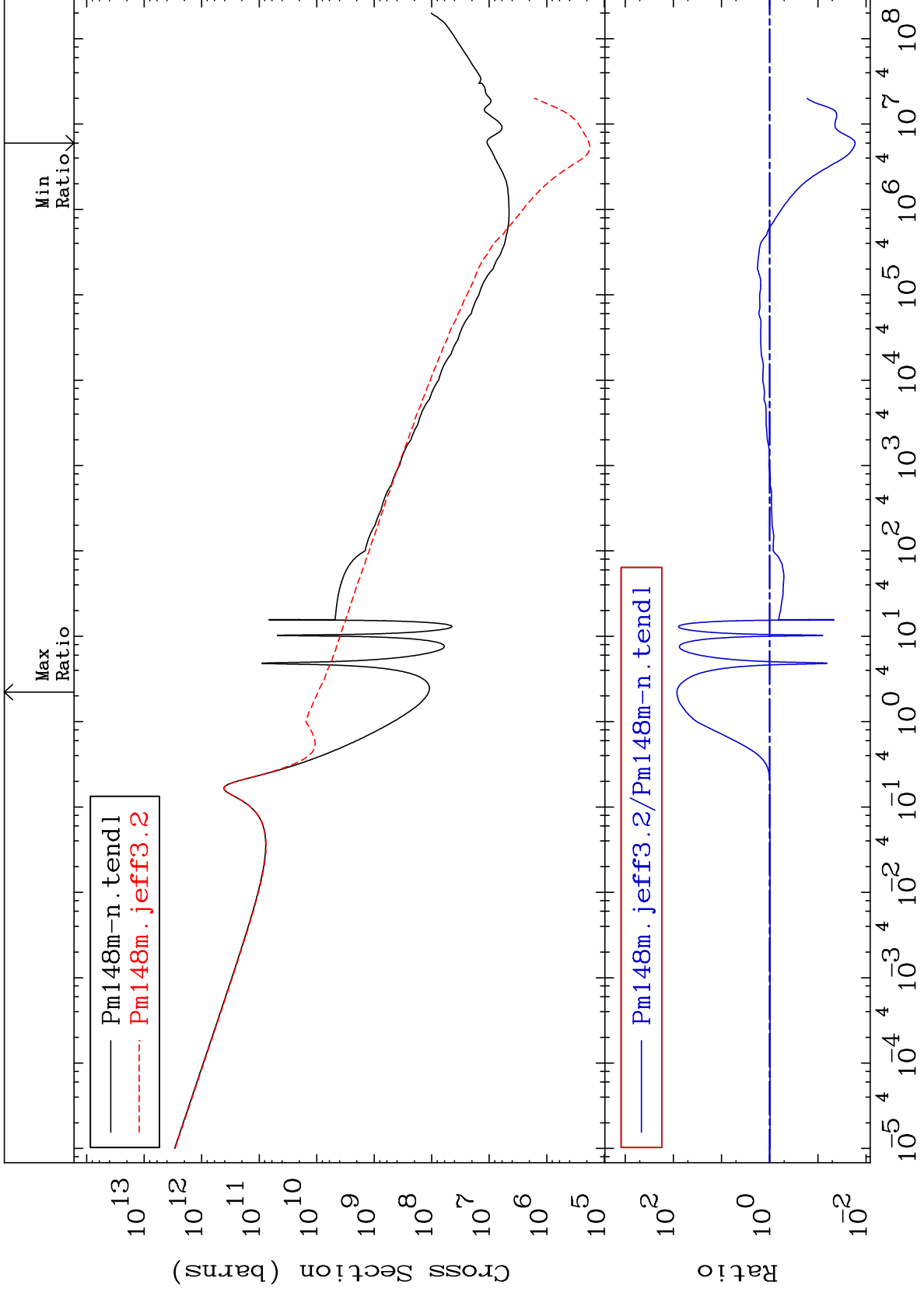
61-Pm-148
-99.88 To 8321. %



MAT 6153

Total kinematic kerma (high limit)
Cross Section

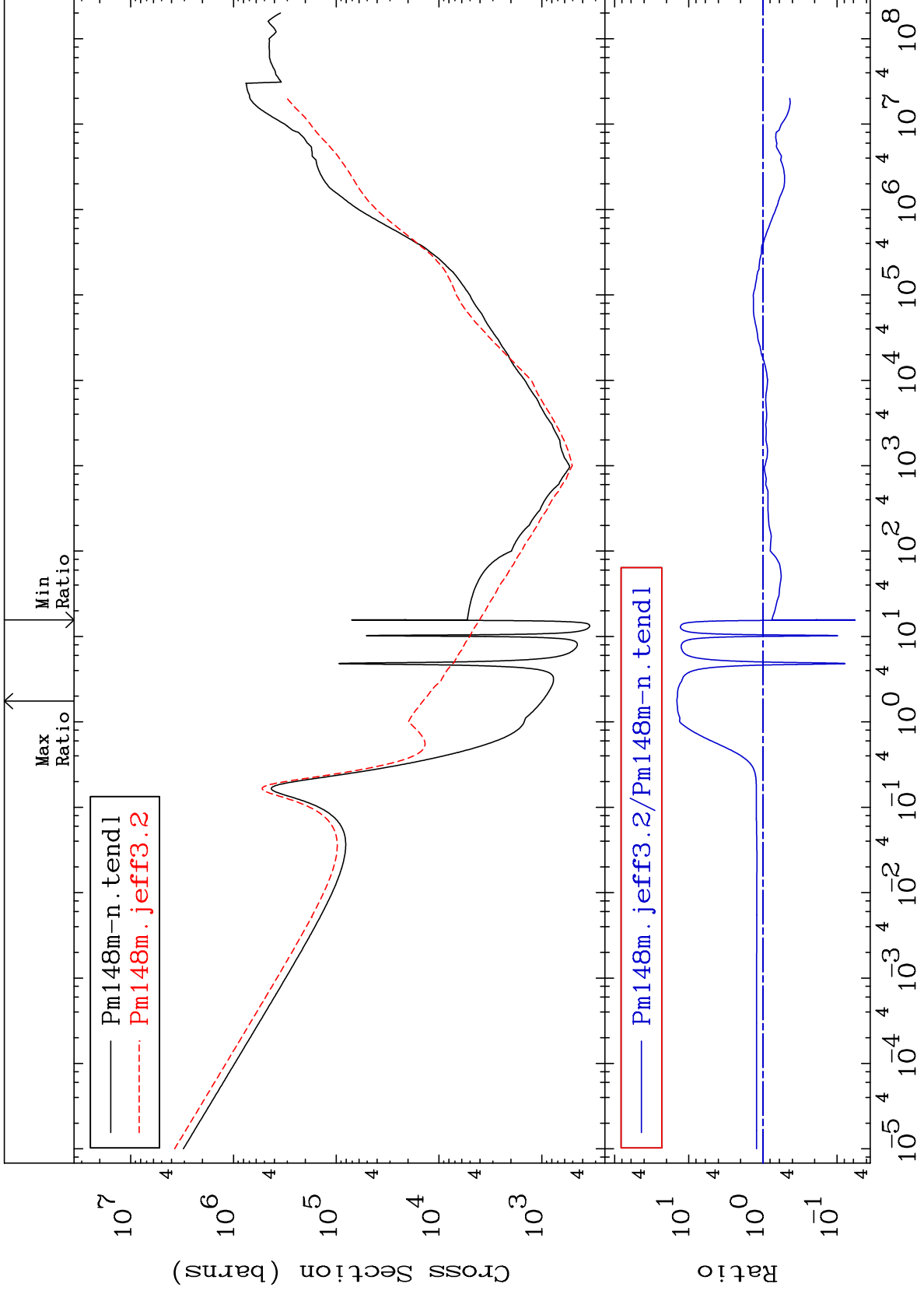
61-Pm-148
-98.31 To 8319. %



MAT 6153

Dpa total (eV-barns)
Cross Section

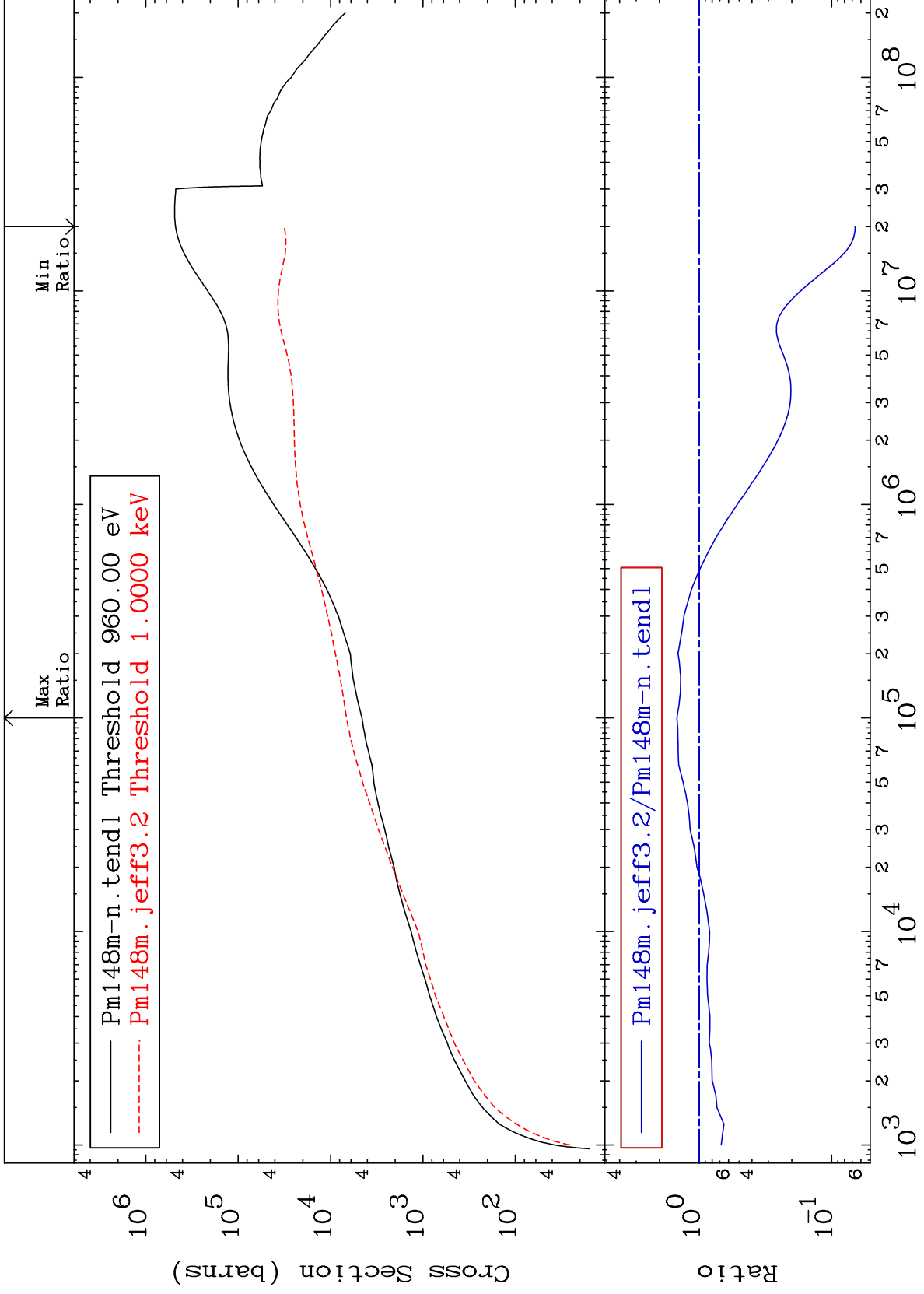
61-Pm-148
-94.29 To 1346. %



MAT 6153

Dpa elastic (mt2)
Cross Section

61-Pm-148
-93.35 To 47.50 %



29

Incident Energy (eV)

61-Pm-148

