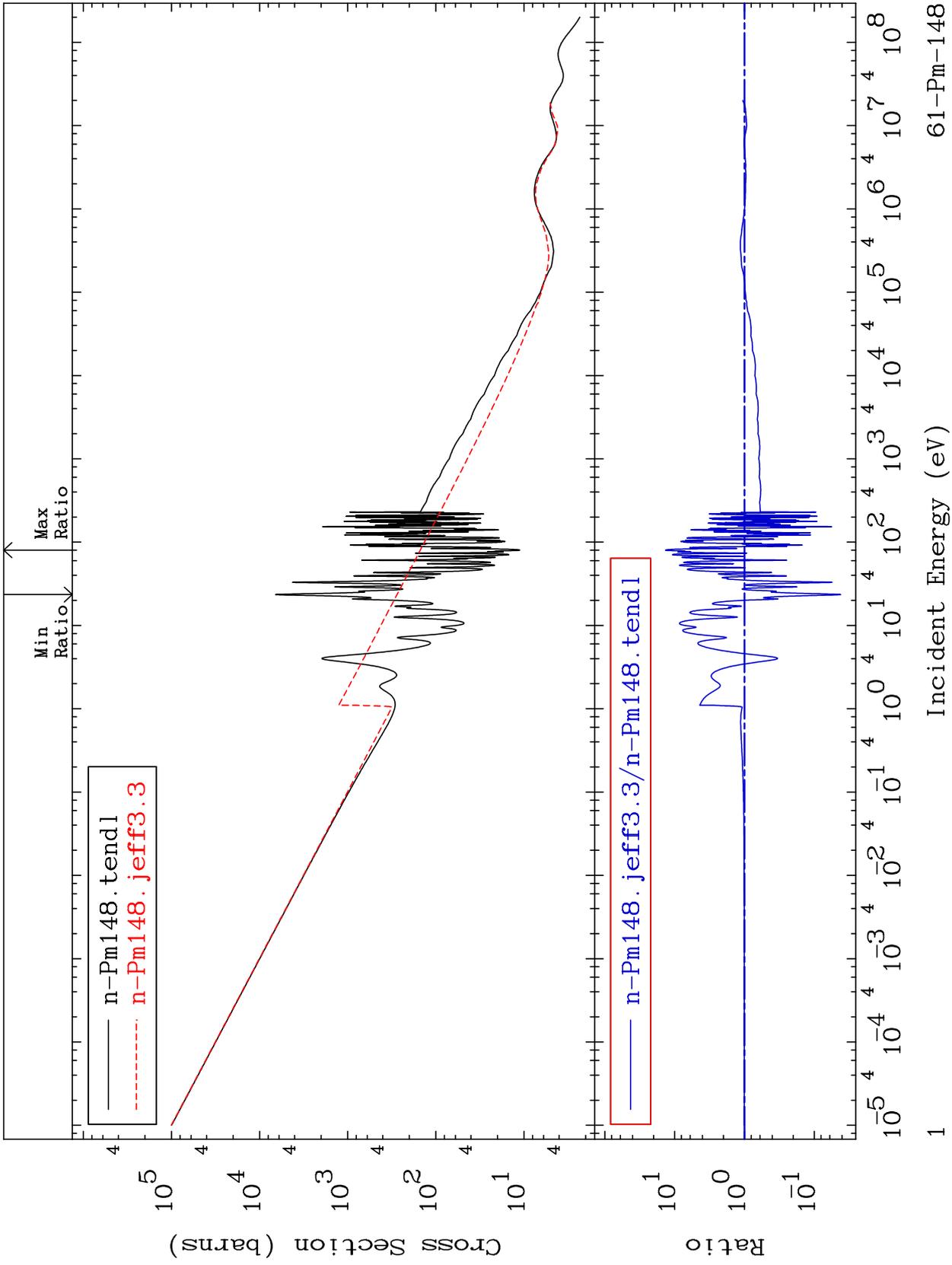


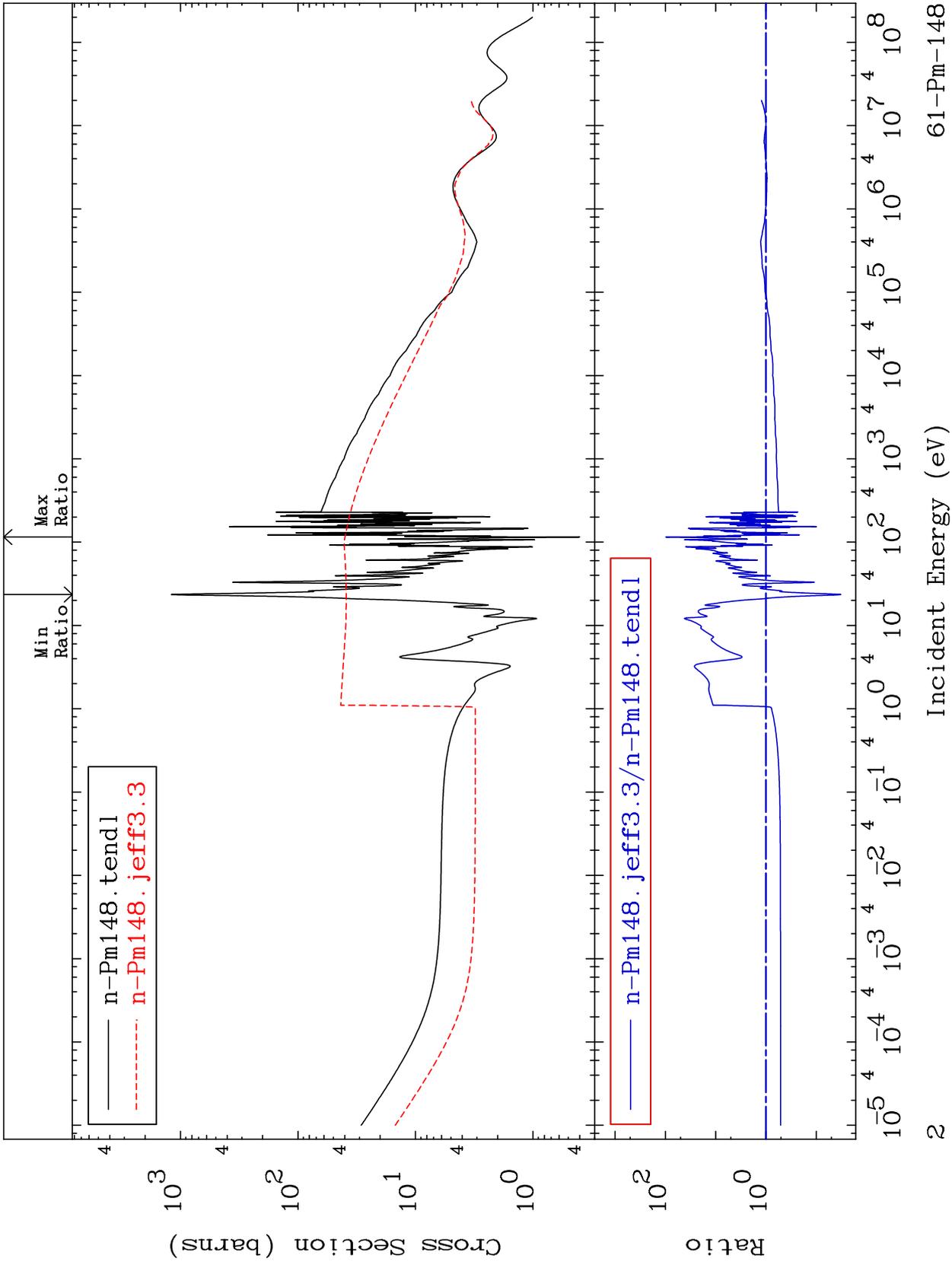
MAT 6152

Total Cross Section
61-Pm-148
-95.84 To 1252. %



MAT 6152

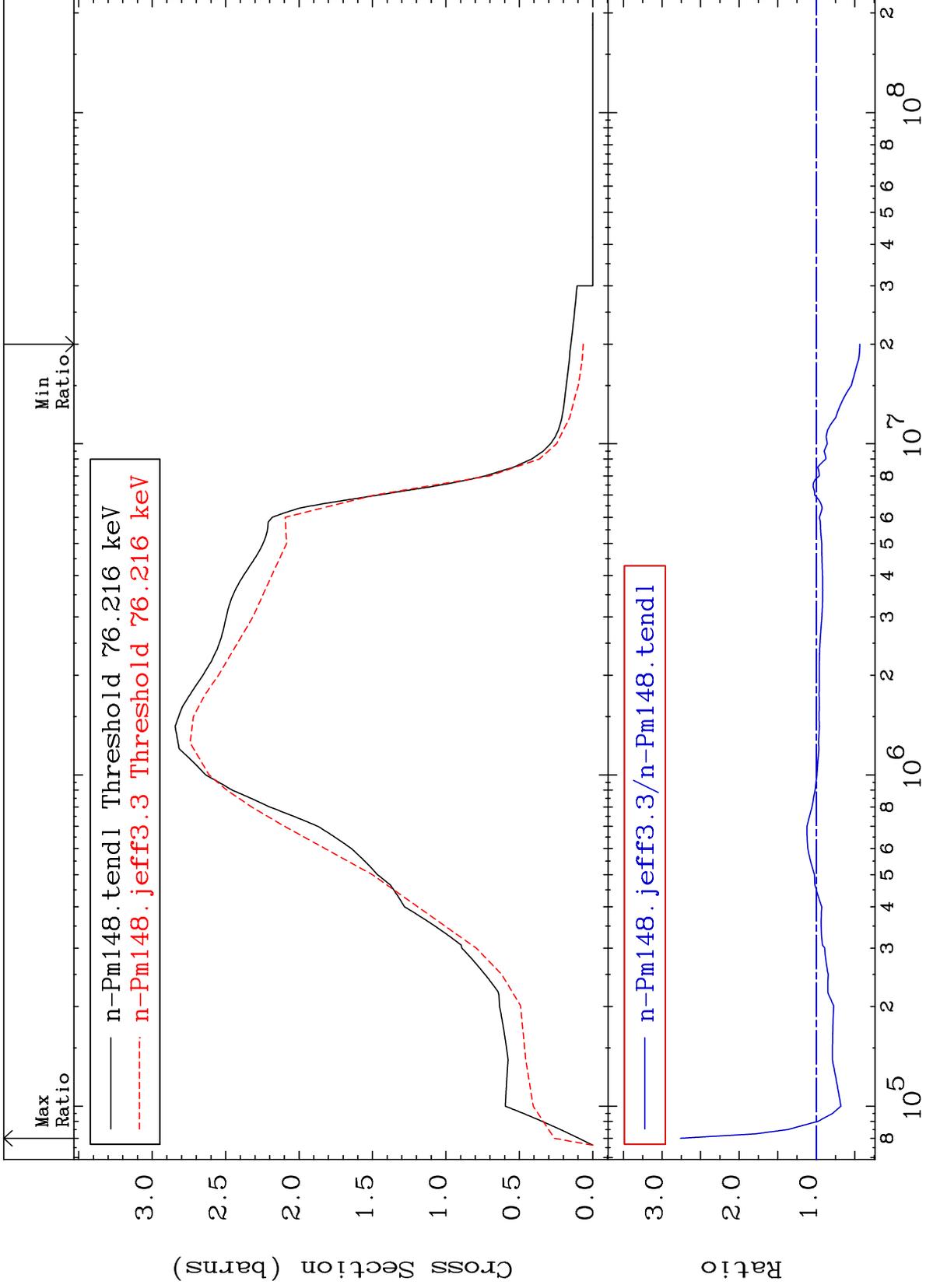
Elastic Cross Section
61-Pm-148
-96.75 To 9841. %



MAT 6152

Inelastic
Cross Section

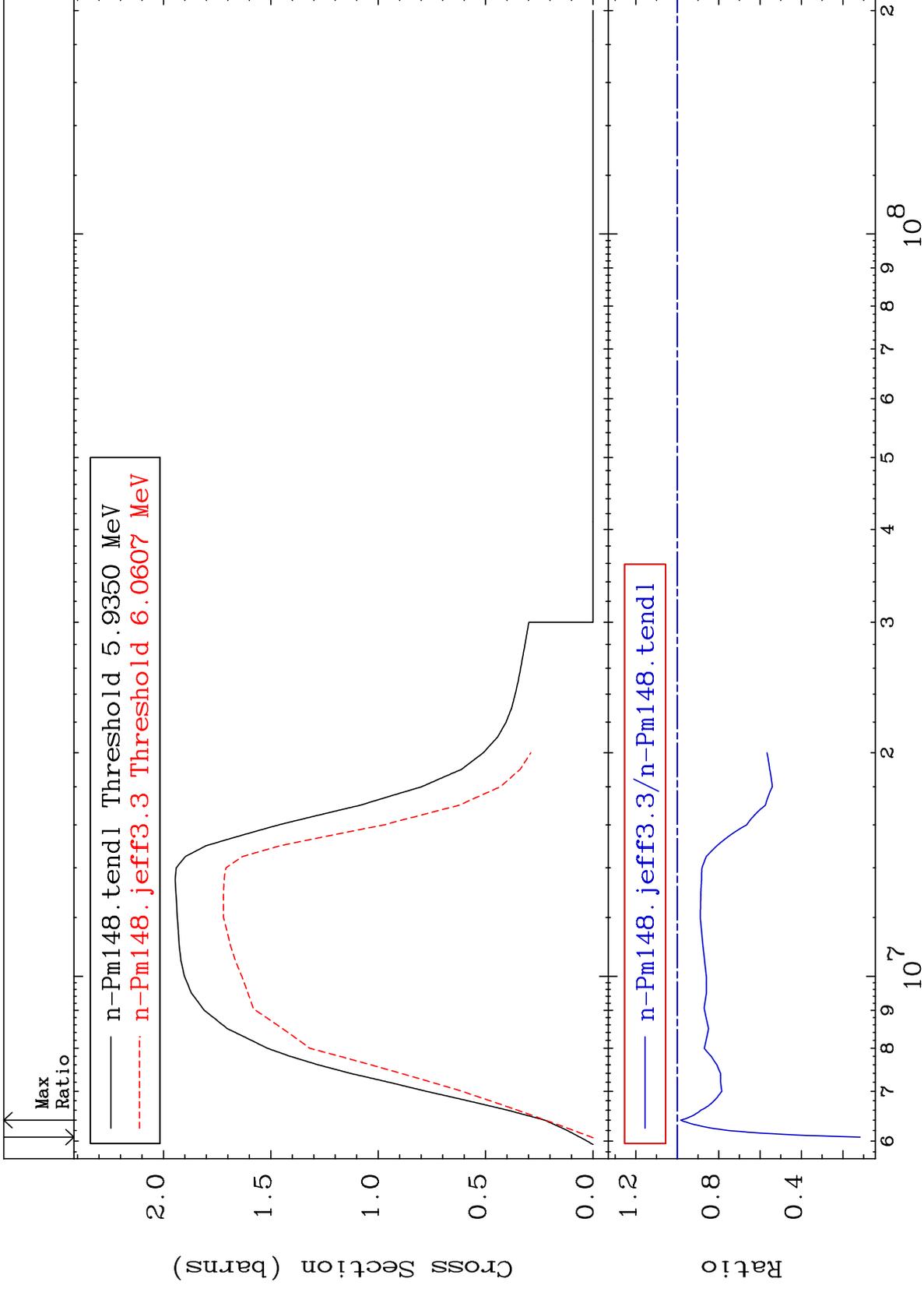
61-Pm-148
-56.42 To 176.0 %



MAT 6152

(n,2n)
Cross Section

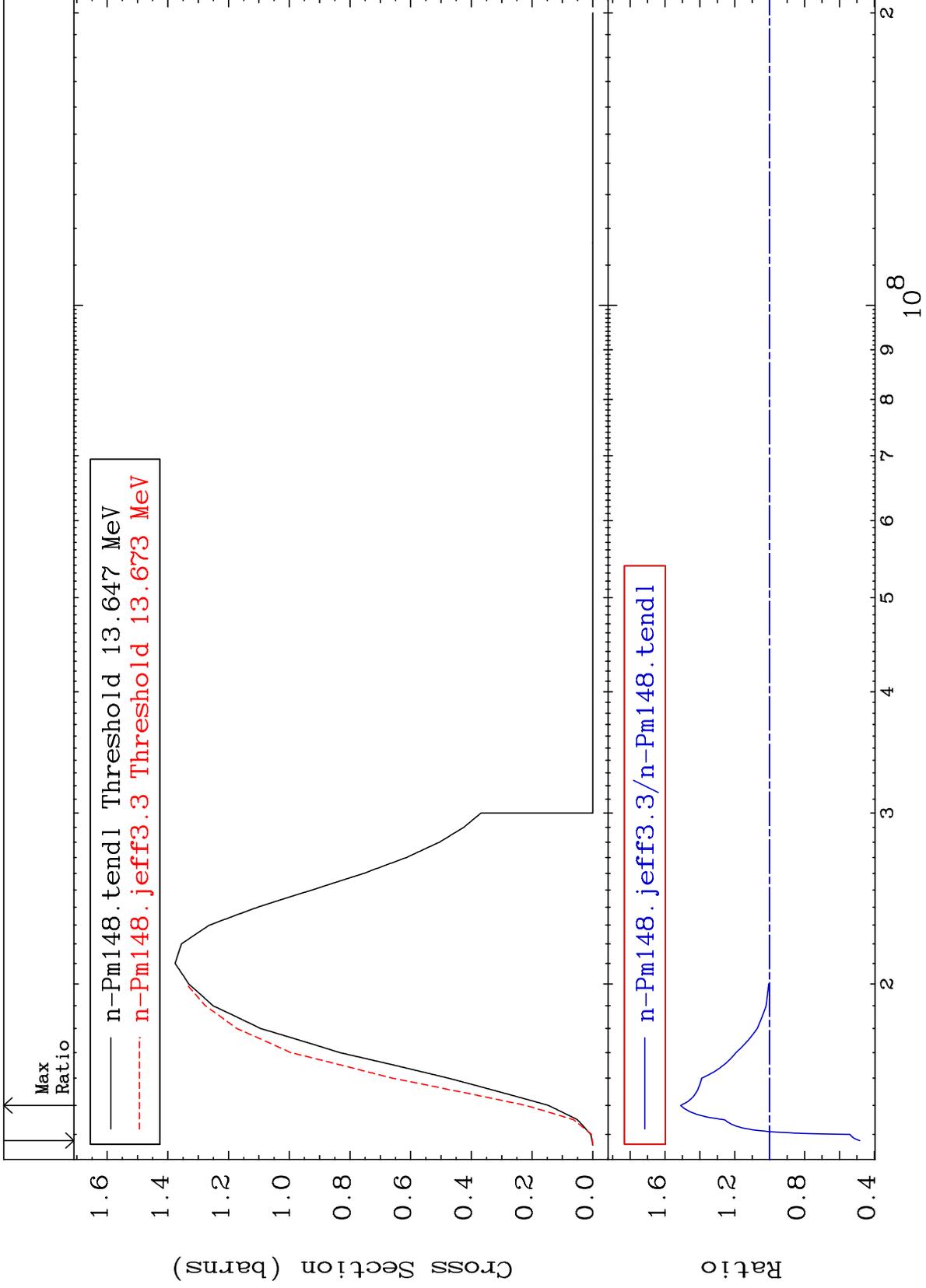
61-Pm-148
-88.31 To -1.697%



MAT 6152

(n,3n)
Cross Section

61-Pm-148
-51.63 To 51.10 %



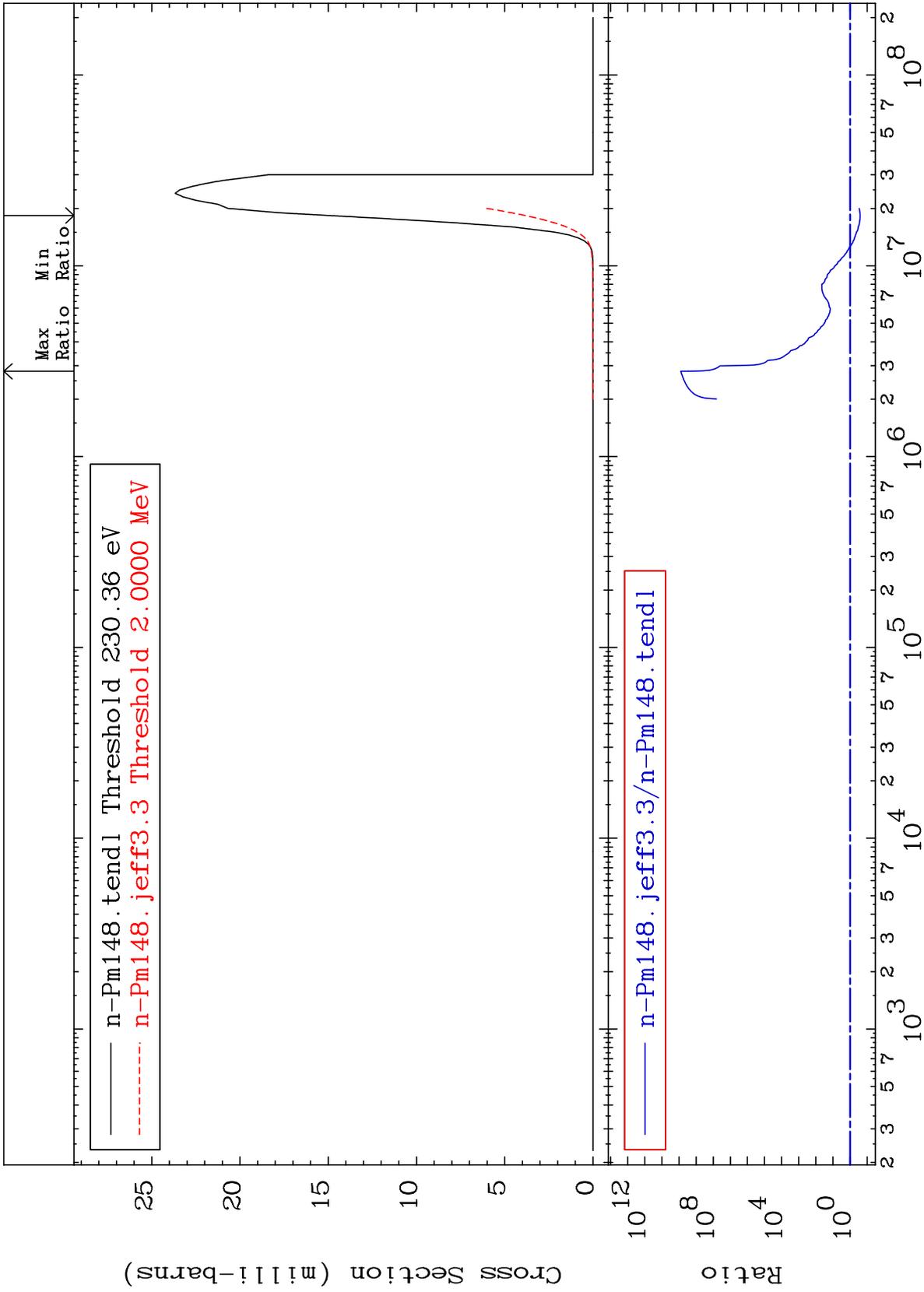
MAT 6152

(n,n') α

61-Pm-148

Cross Section

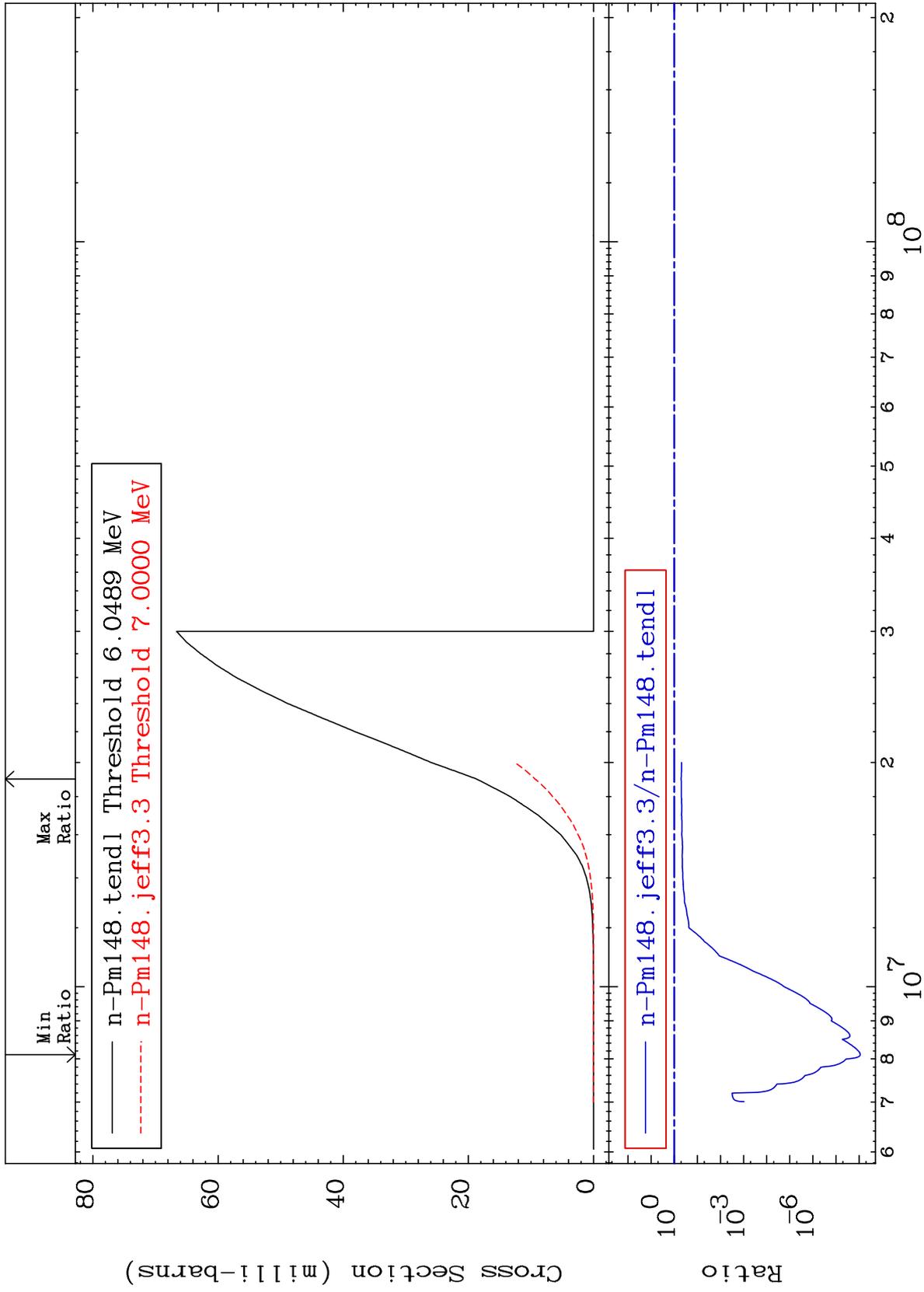
-74.32 To 9999. %



MAT 6152

(n,n') p
Cross Section

61-Pm-148
-100.0 To -50.00%



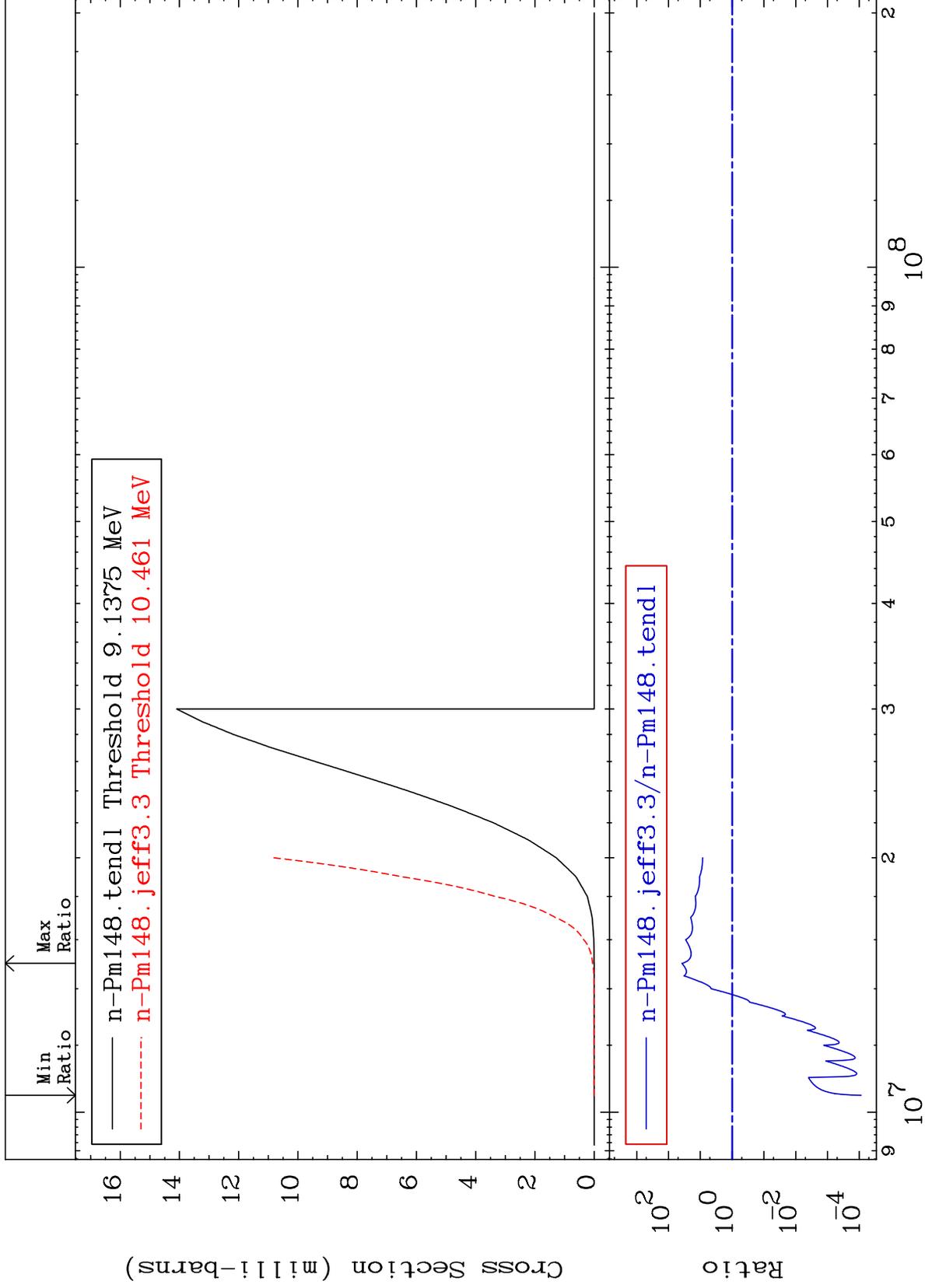
MAT 6152

(n,n') d

61-Pm-148

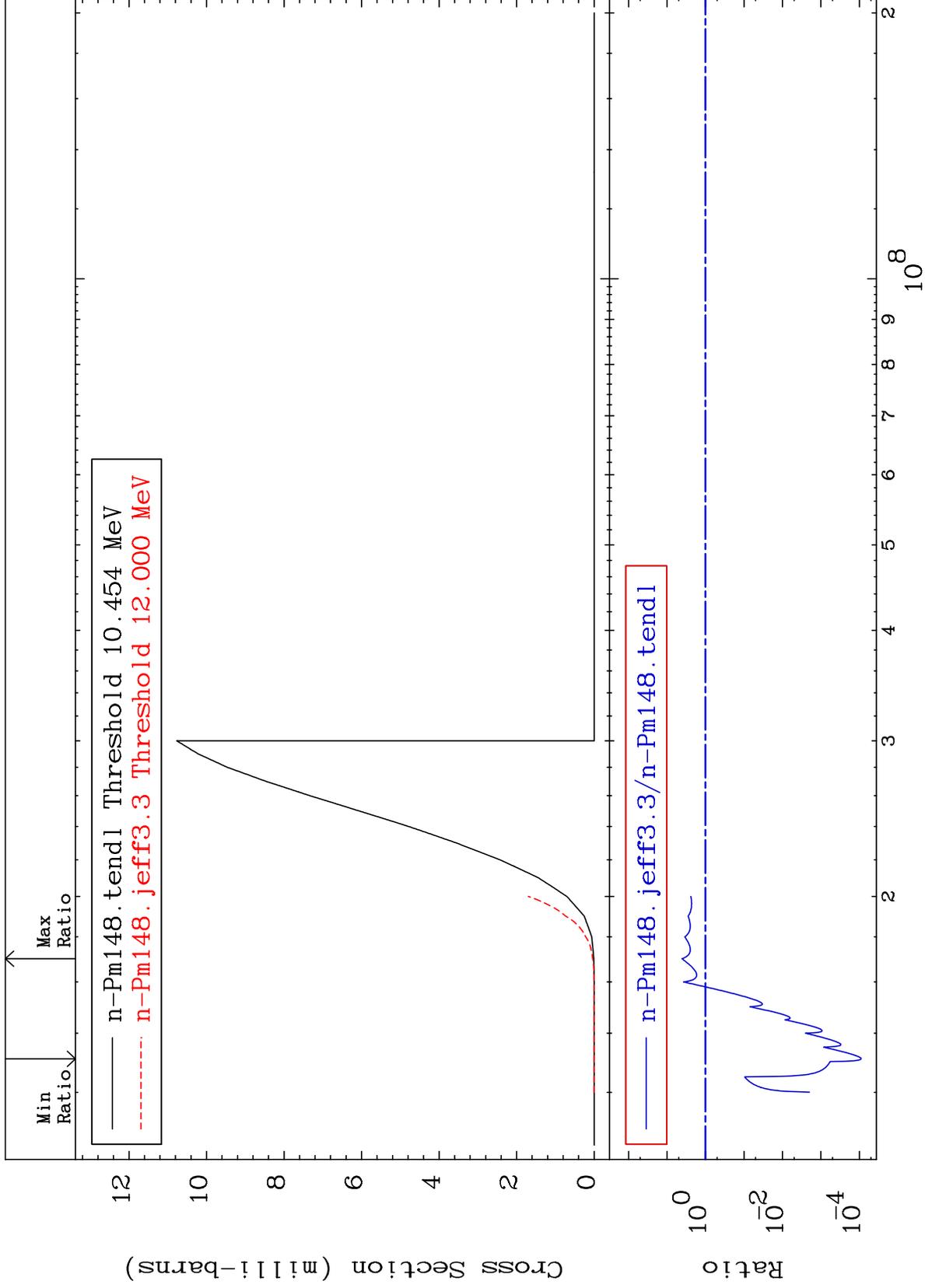
Cross Section

-99.99 To 3689. %



Incident Energy (eV)

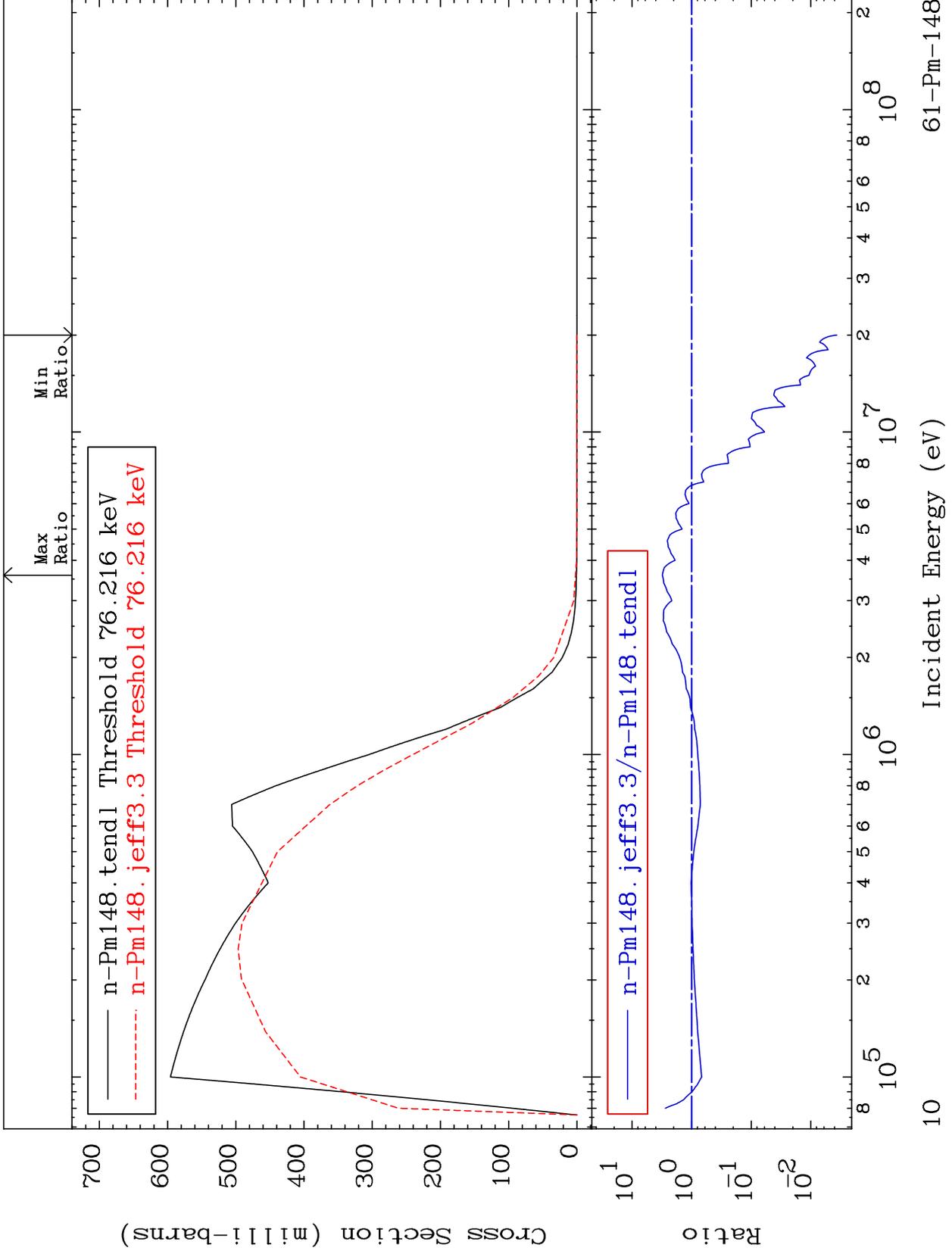
61-Pm-148



MAT 6152

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

61-Pm-148
-99.63 To 210.4 %



10

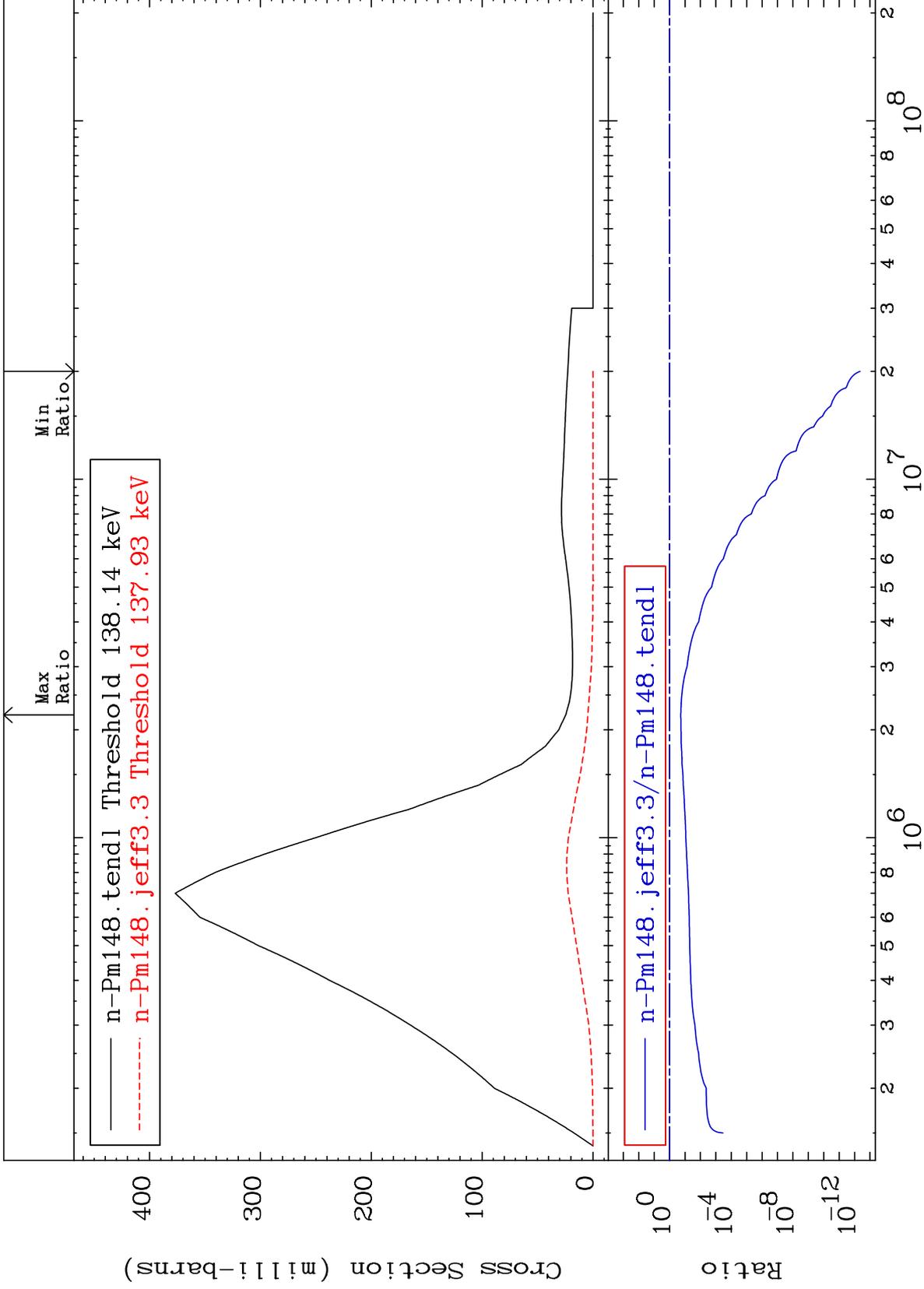
Incident Energy (eV)

61-Pm-148

MAT 6152

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

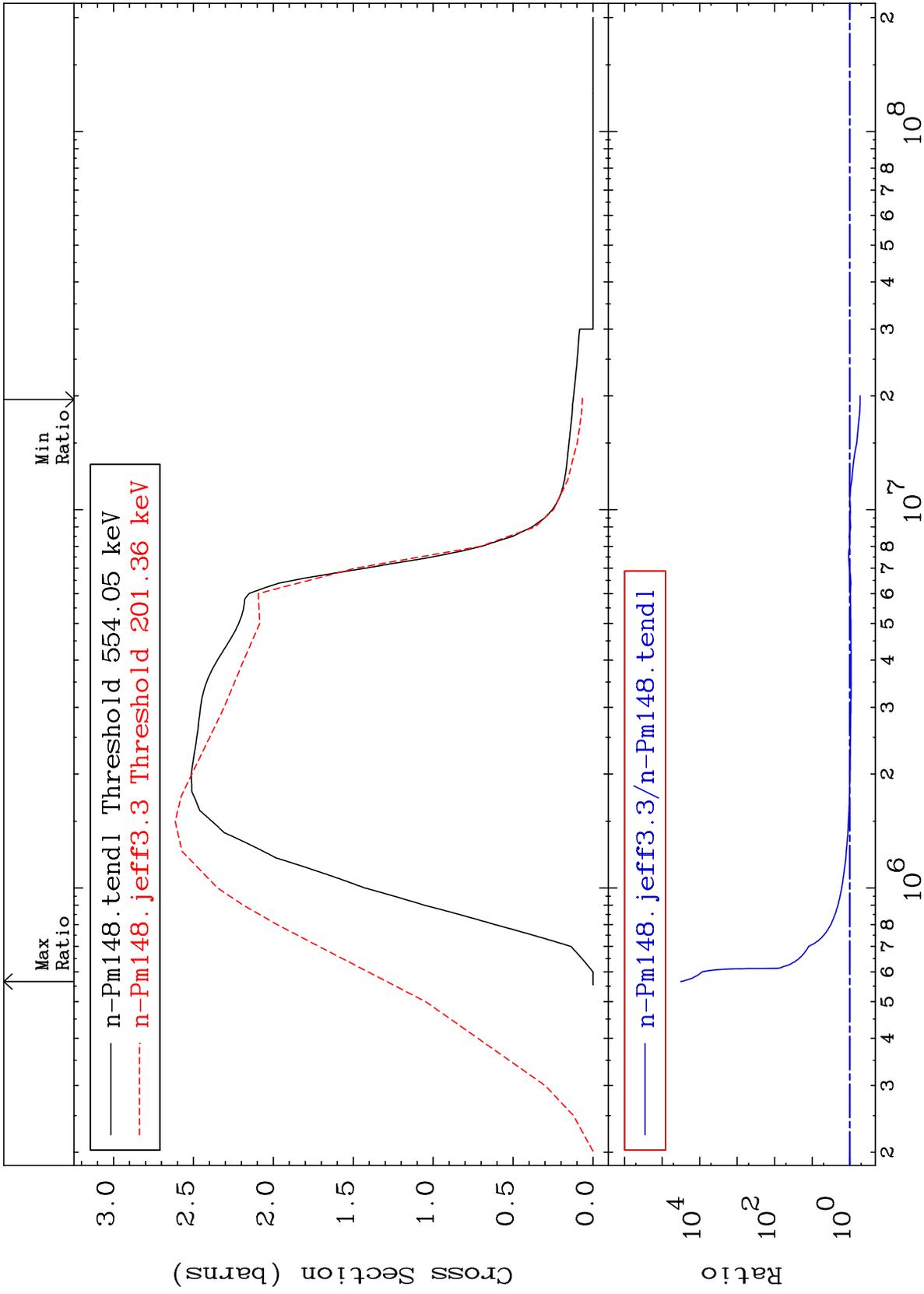
61-Pm-148
-100.0 To -81.15%



MAT 6152

(n, n') Continuum
Cross Section

61-Pm-148
-46.50 To 9999. %



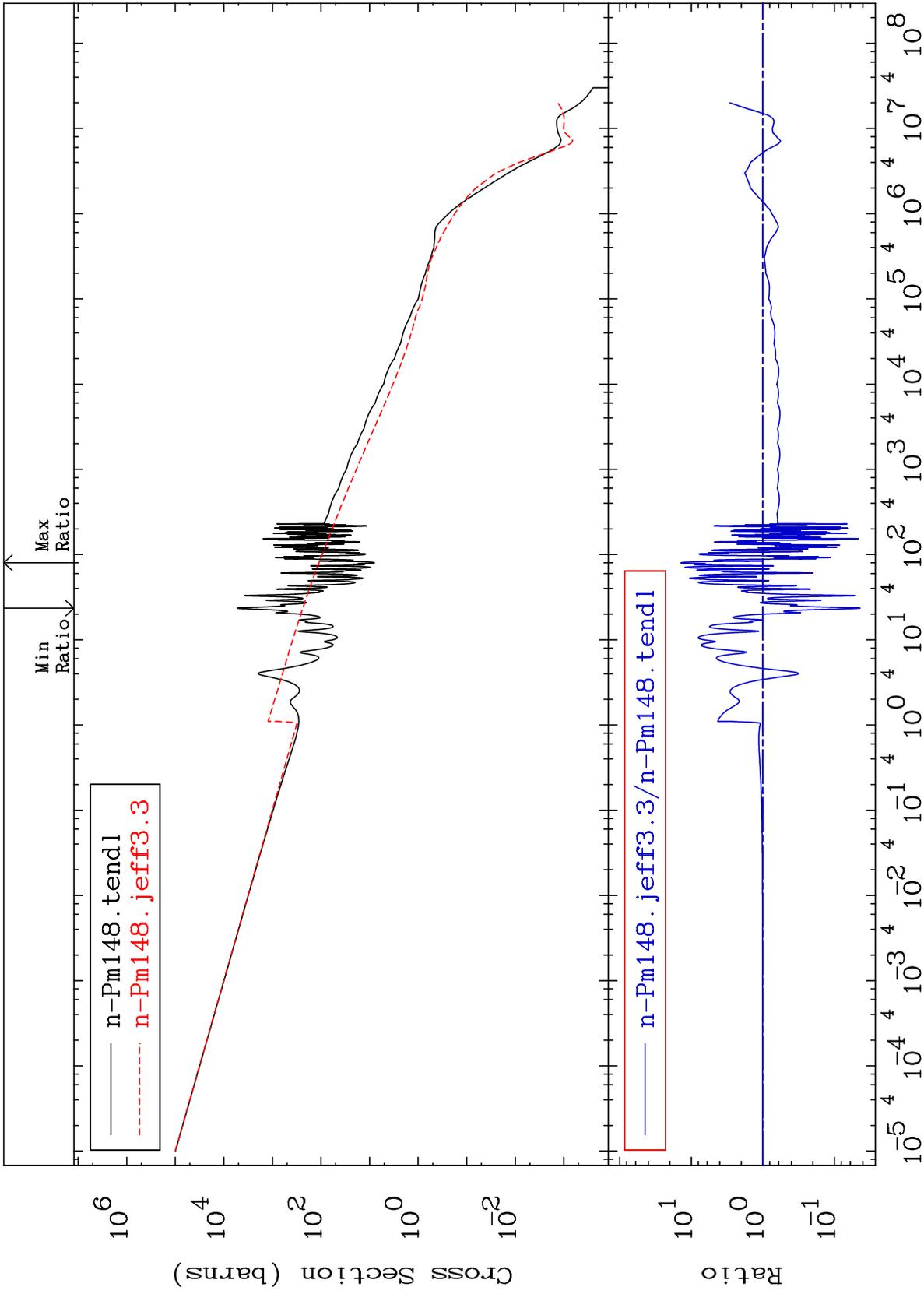
12

61-Pm-148

61-Pm-148

MAT 6152

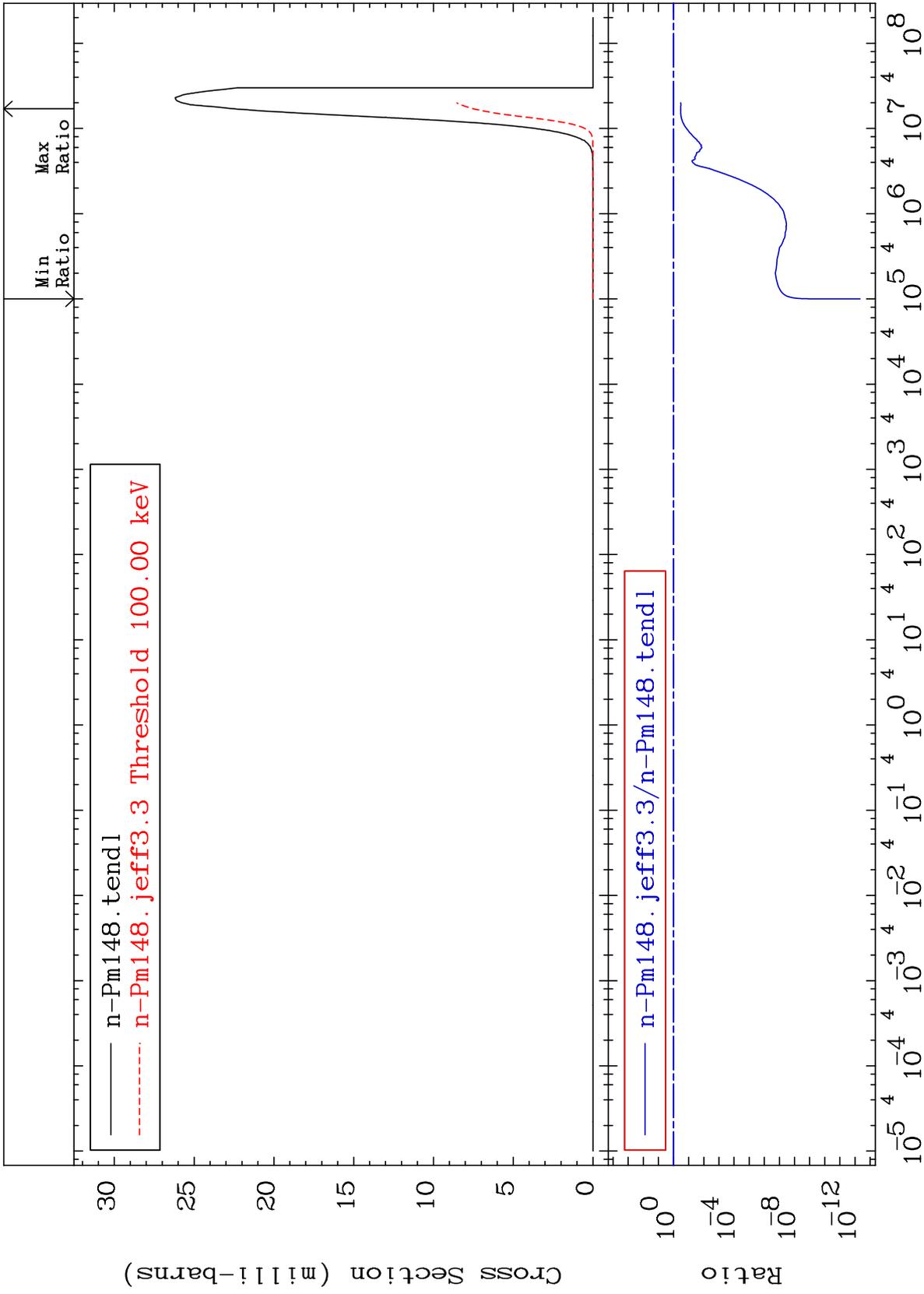
(n, γ)
Cross Section
61-Pm-148
-95.63 To 1305. %



MAT 6152

(n,p)
Cross Section

61-Pm-148
-100.0 To -66.65%



14

Incident Energy (eV)

61-Pm-148

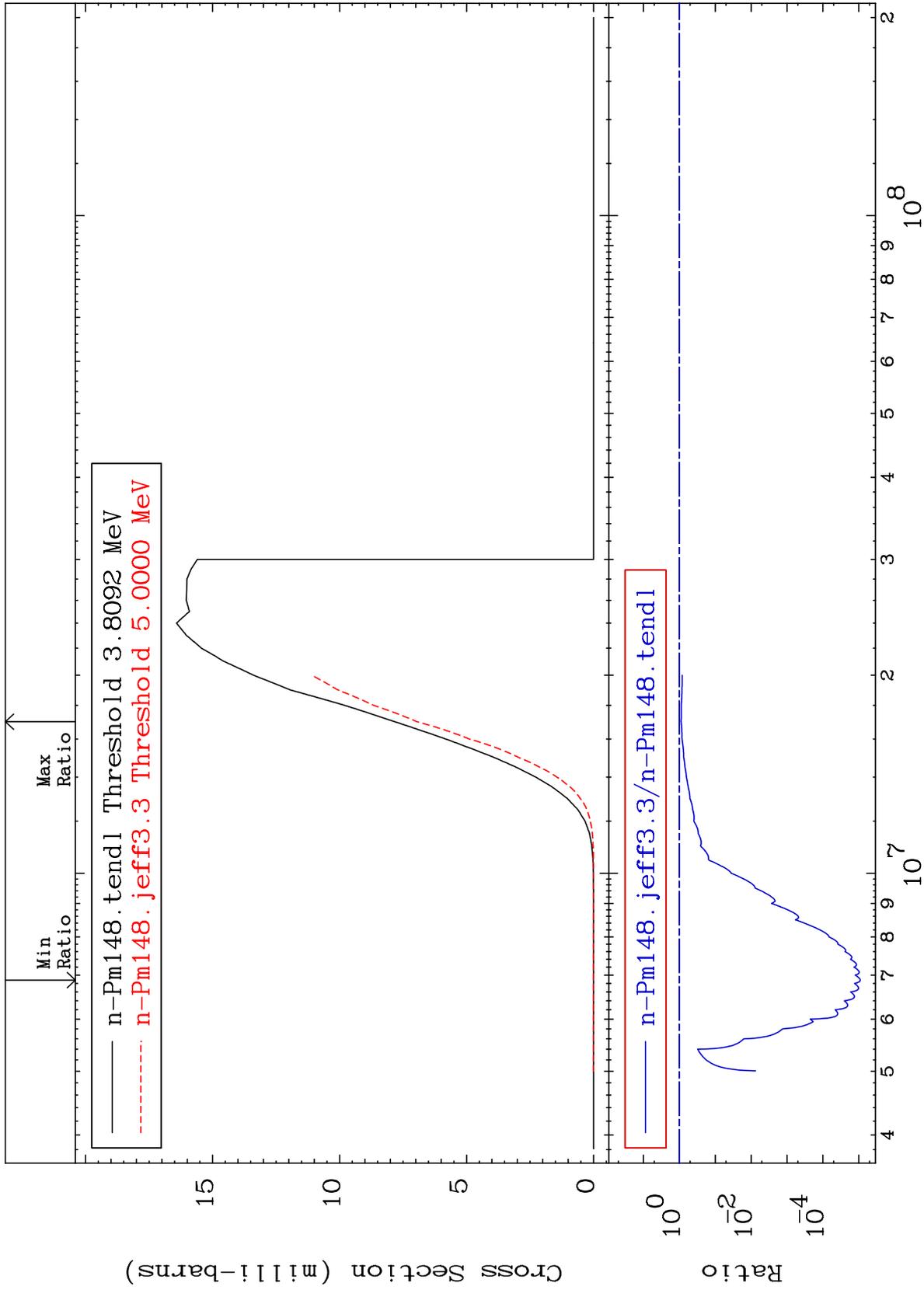
MAT 6152

(n, d)

61-Pm-148

Cross Section

-100.0 To -11.15%



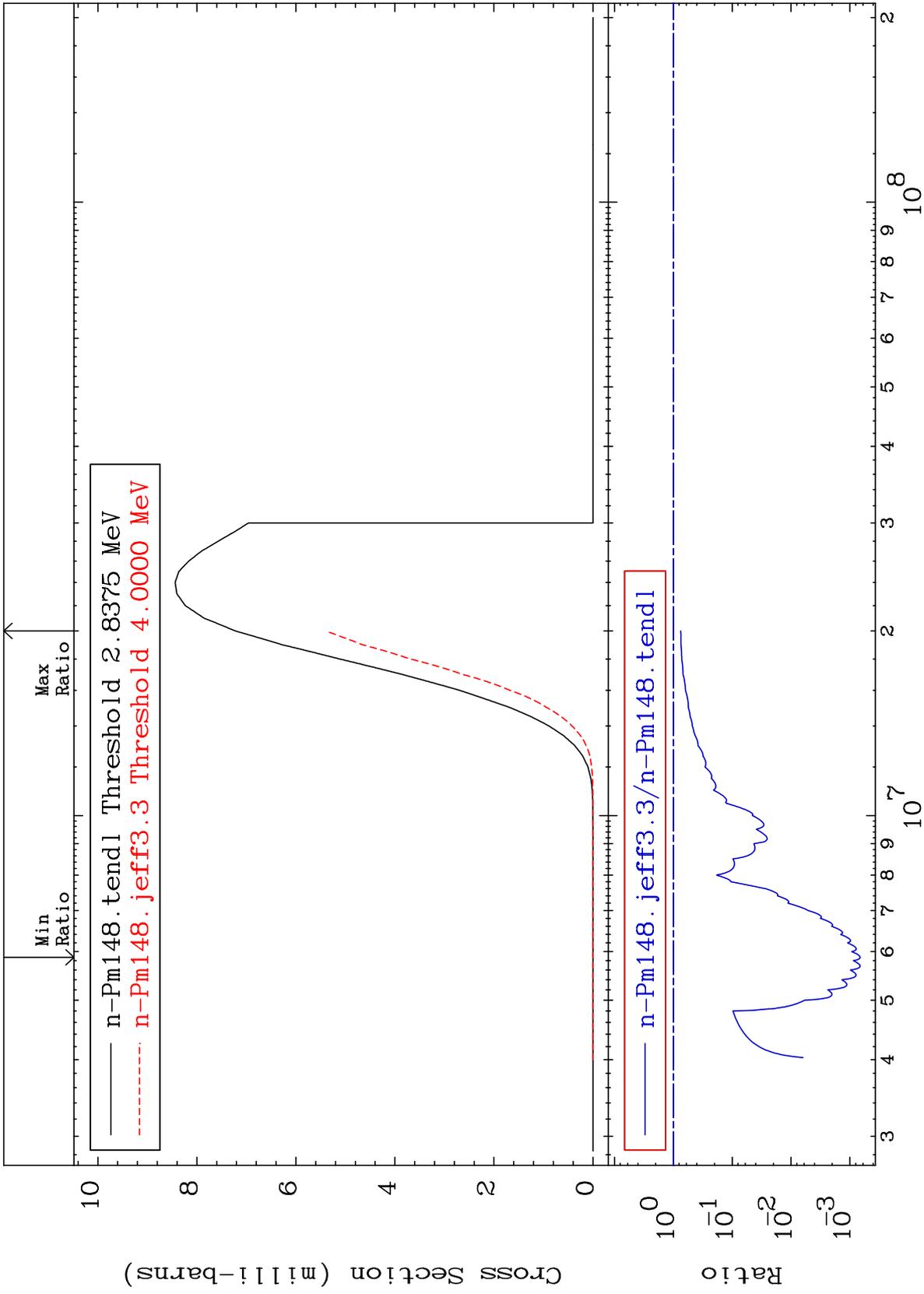
15

Incident Energy (eV)

61-Pm-148

MAT 6152

(n, t) Cross Section
61-Pm-148
-99.93 To -25.11%



16

Incident Energy (eV)

61-Pm-148

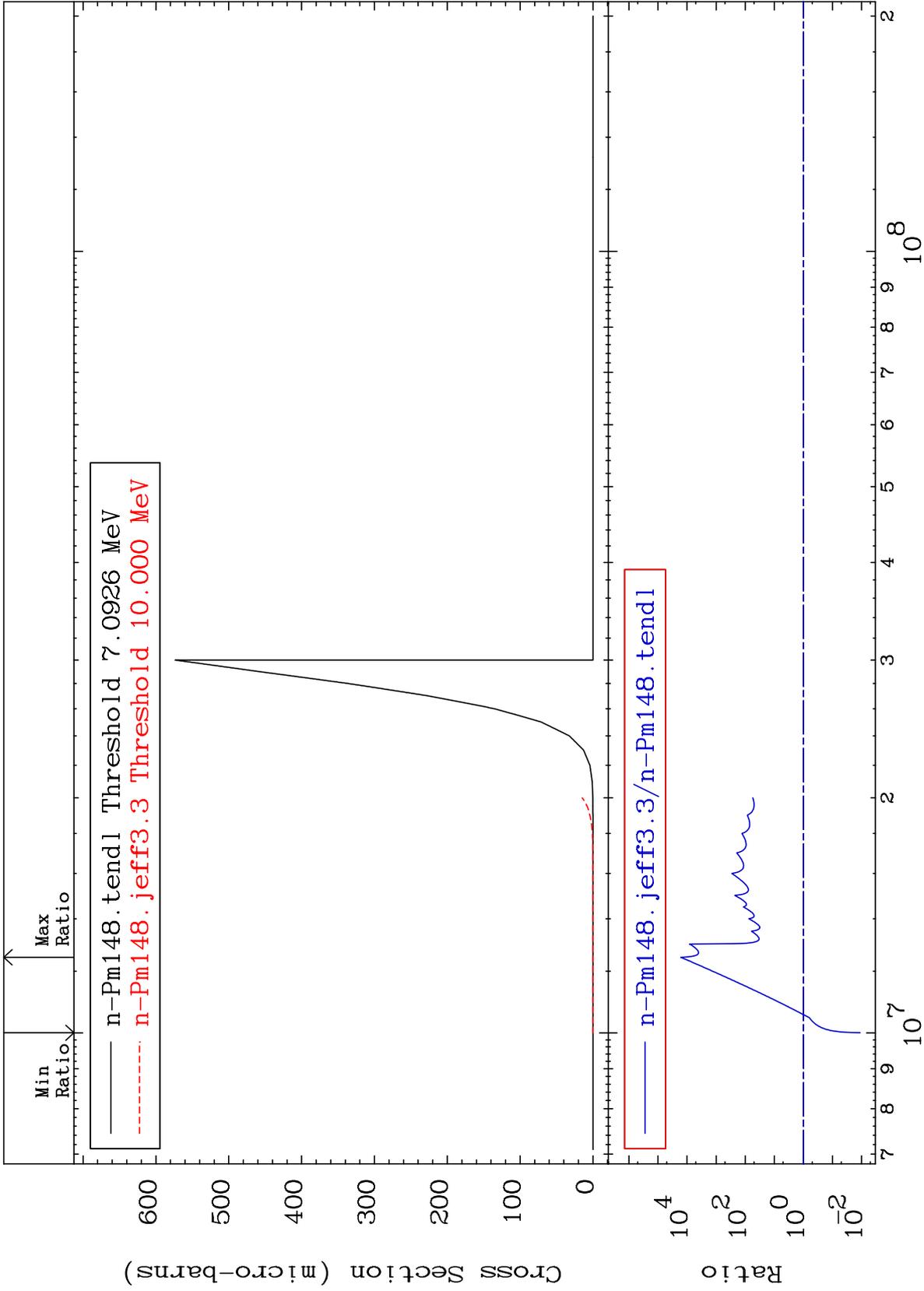
MAT 6152

(n, He-3)

61-Pm-148

Cross Section

-98.87 To 9999. %



17

Incident Energy (eV)

61-Pm-148

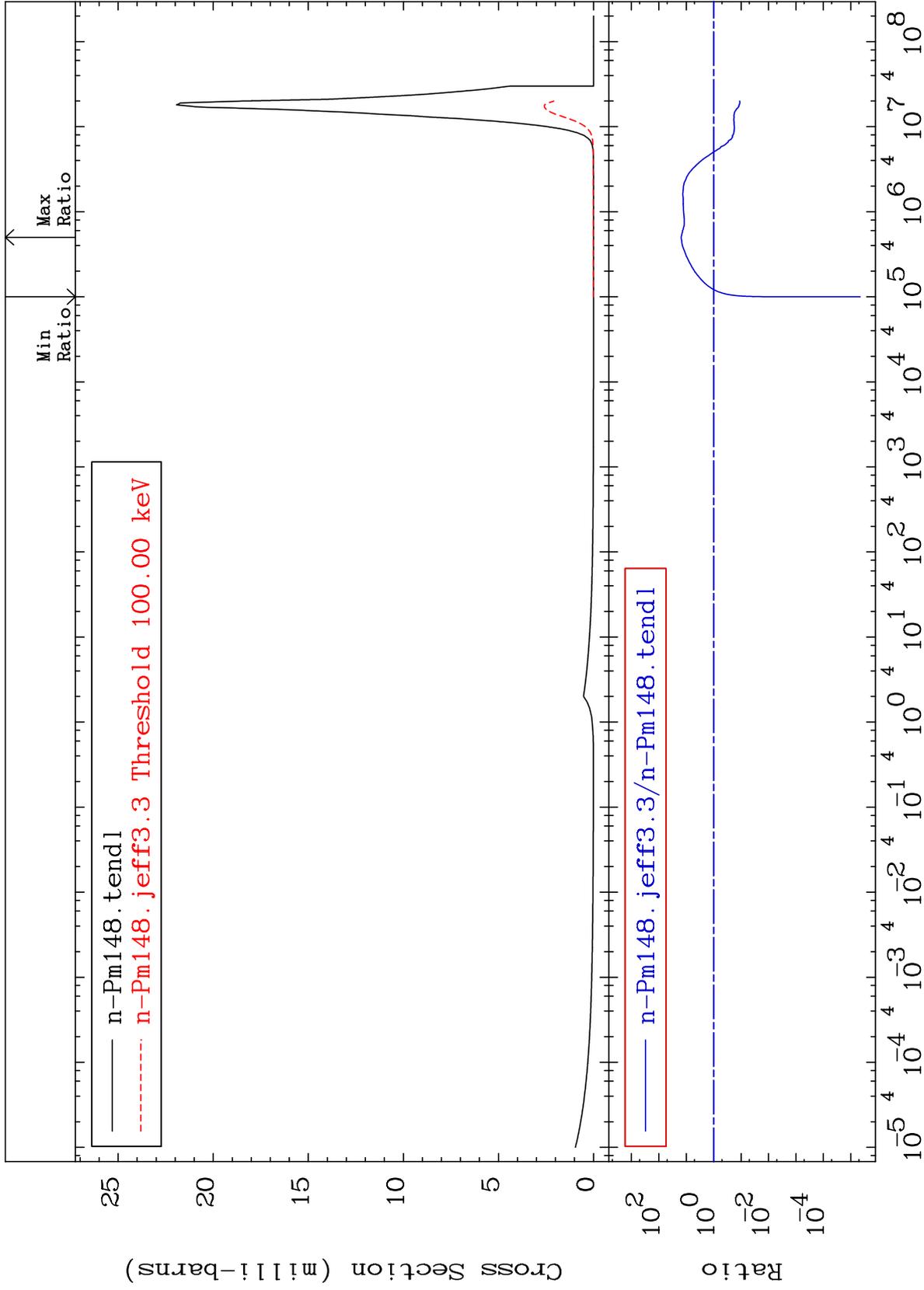
MAT 6152

(n, α)

61-Pm-148

Cross Section

-100.0 To 1431. %



18

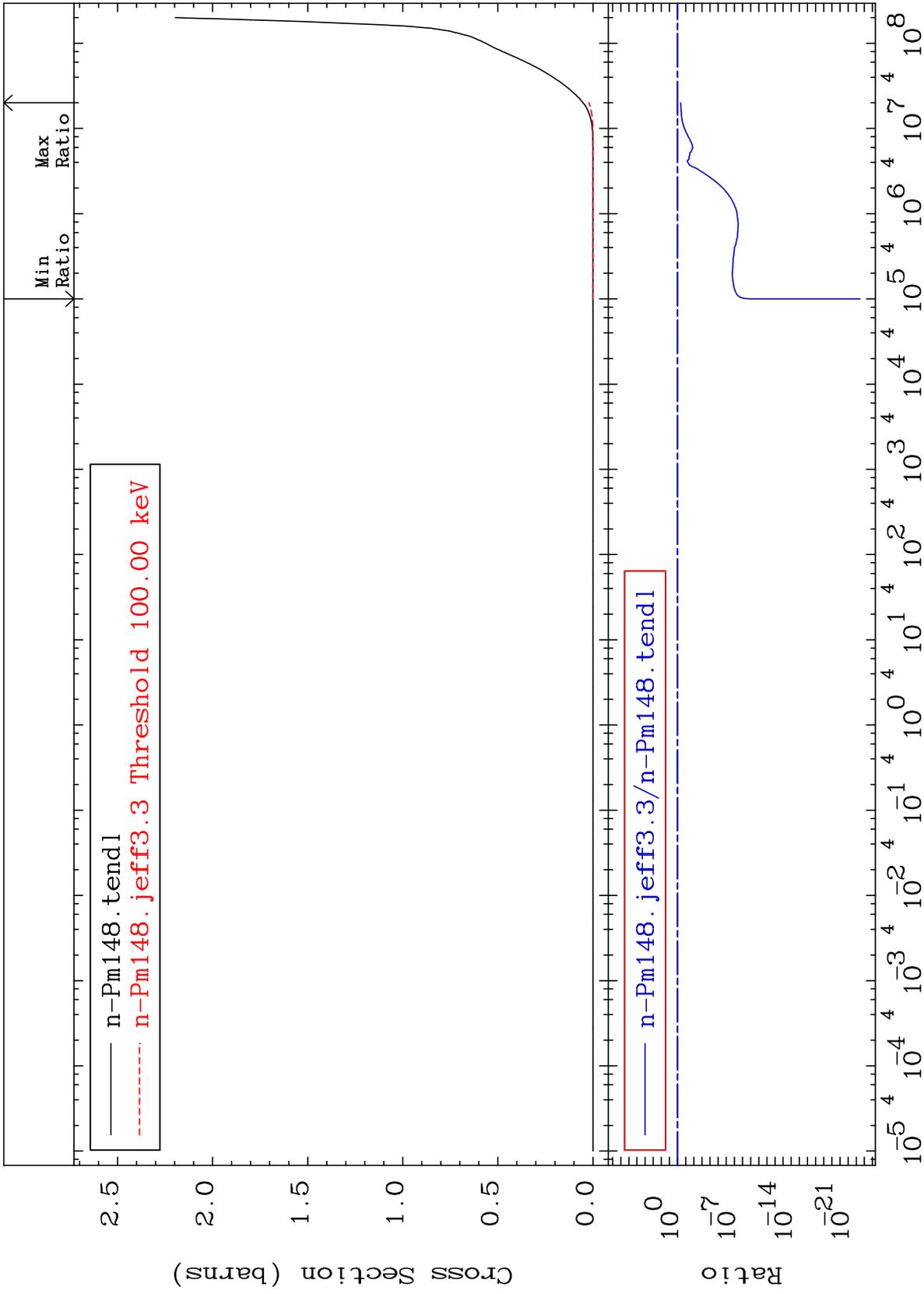
Incident Energy (eV)

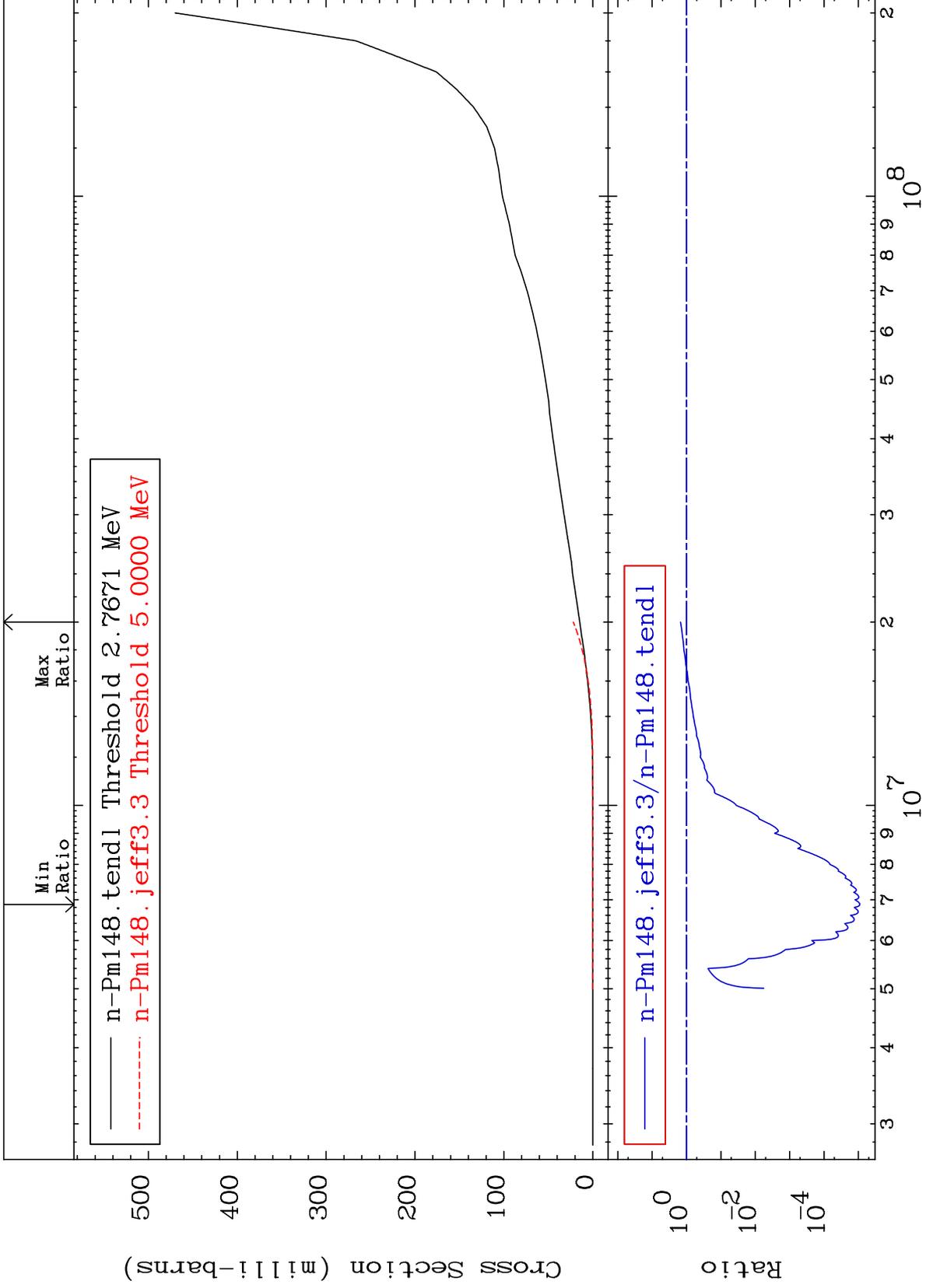
61-Pm-148

MAT 6152

Hydrogen Production Cross Section

61-Pm-148
-100.0 To -59.66%

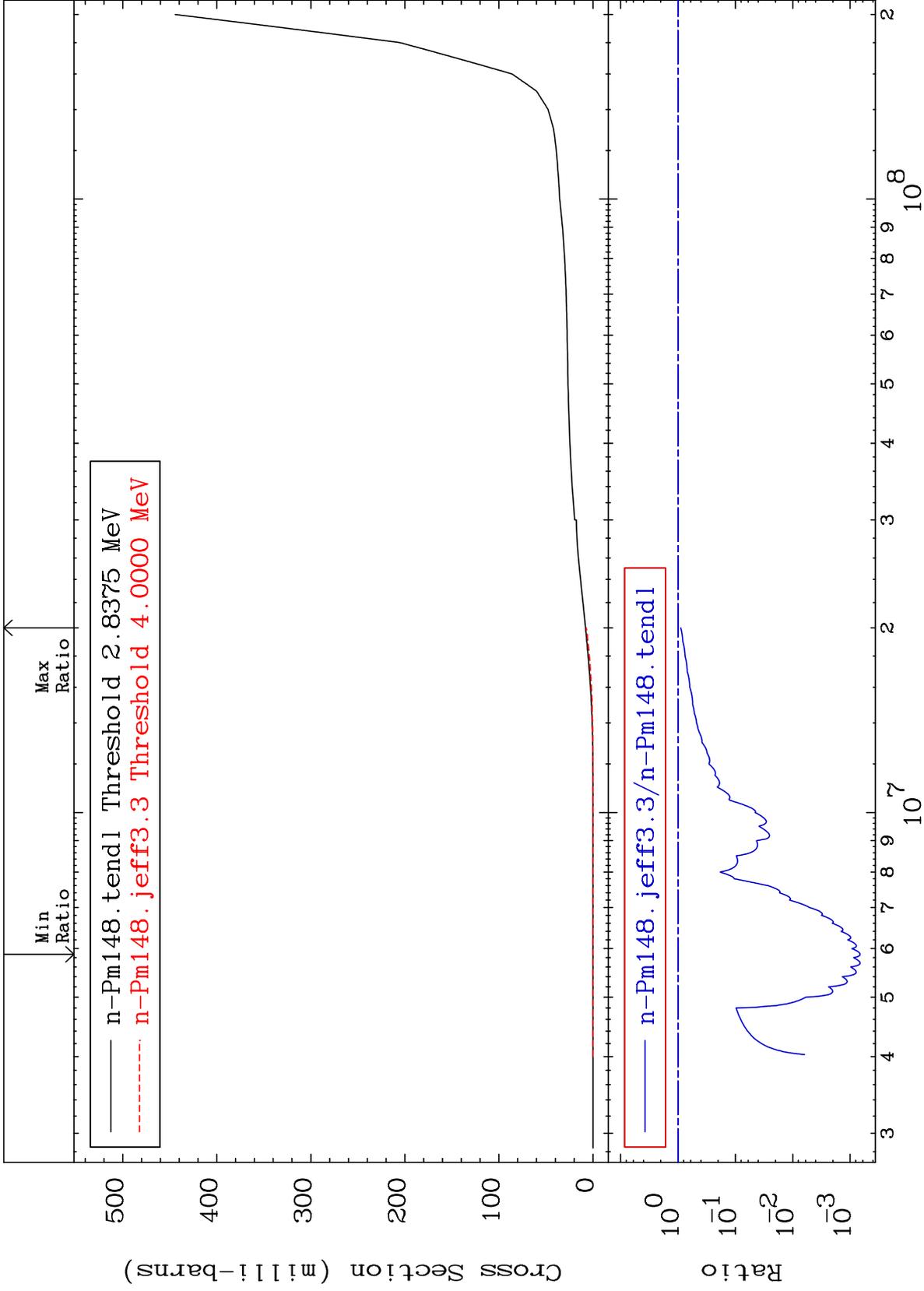




MAT 6152

Tritium Production
Cross Section

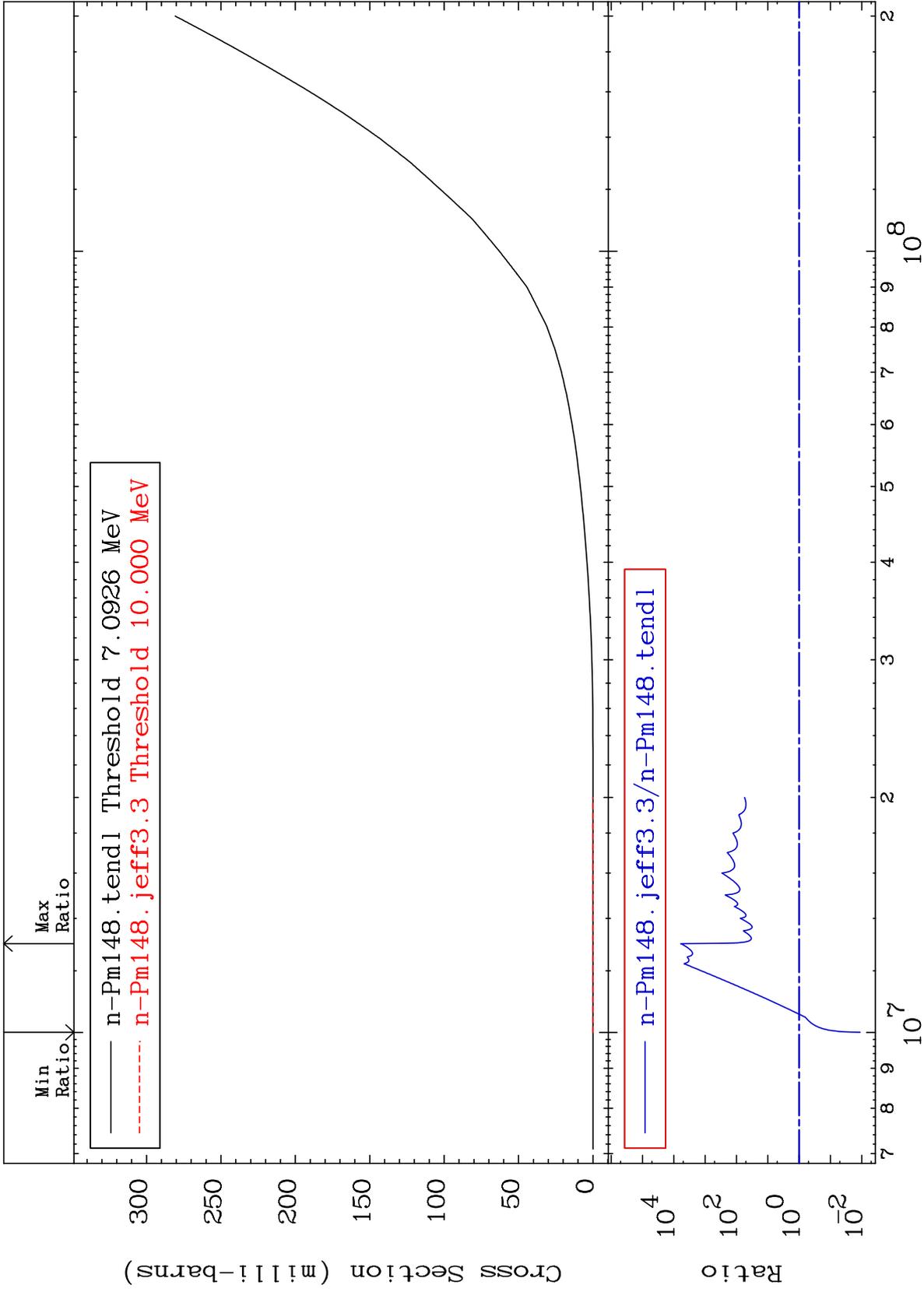
61-Pm-148
-99.93 To -10.33%



MAT 6152

He-3 Production
Cross Section

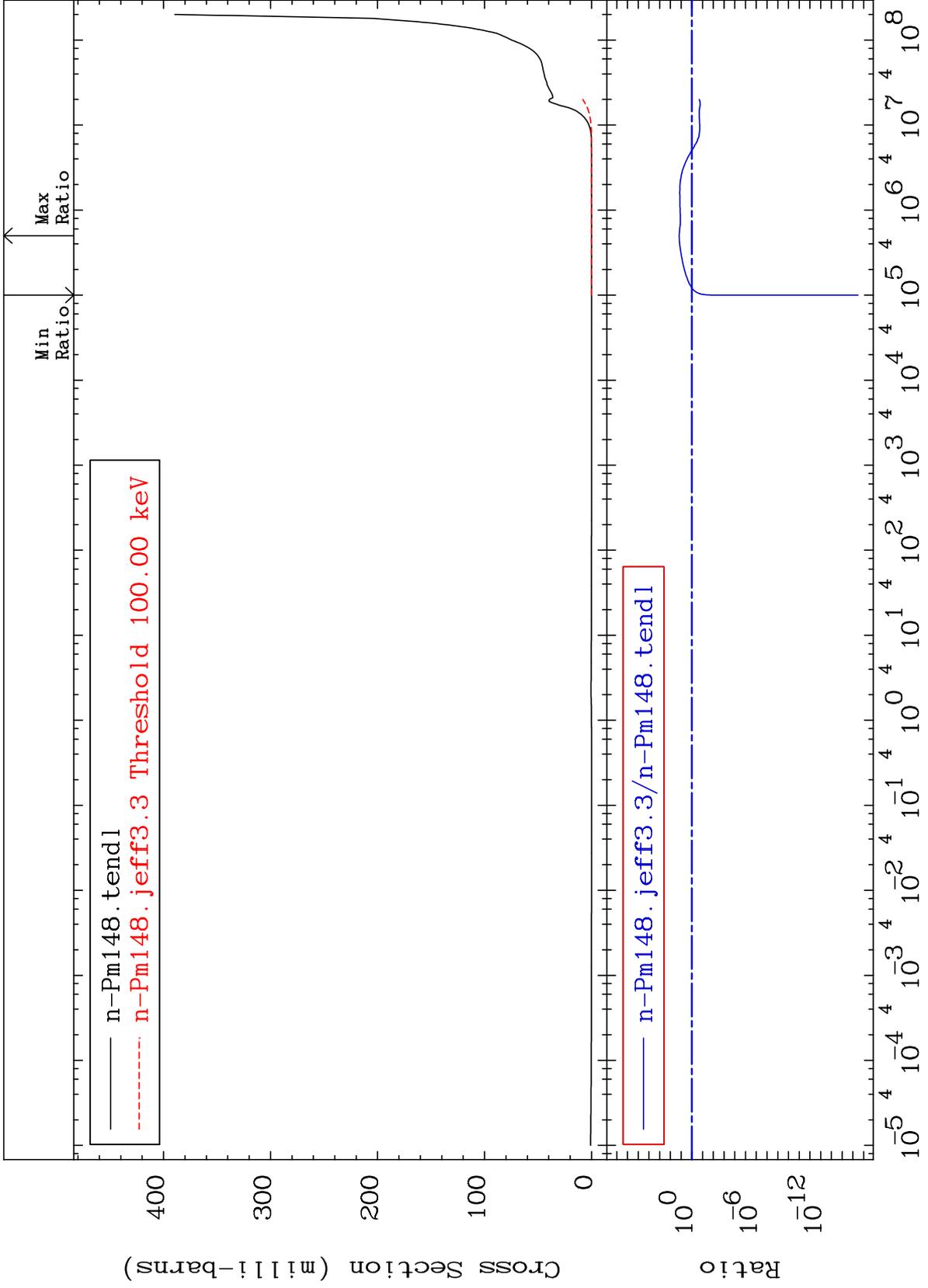
61-Pm-148
-98.87 To 9999. %

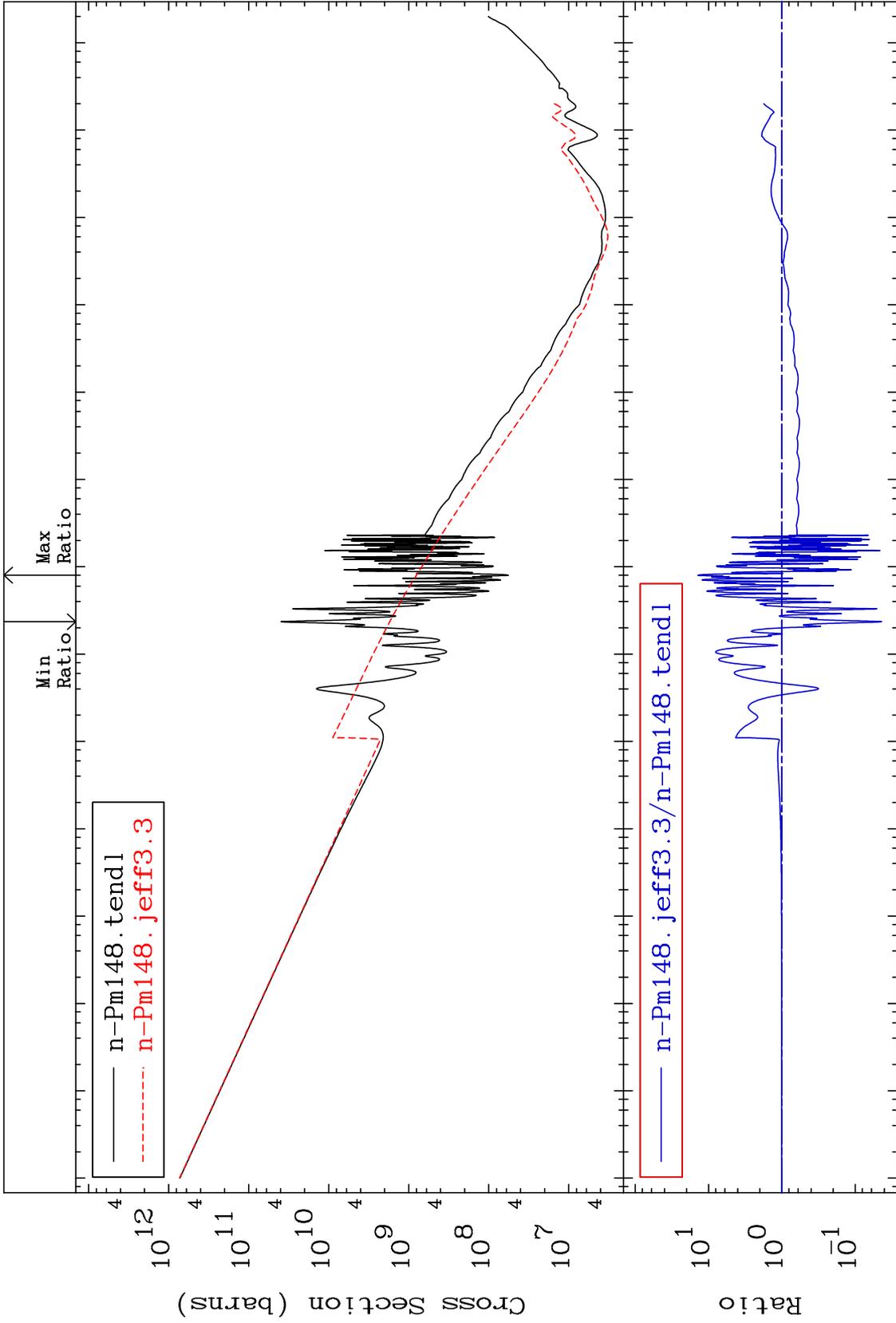


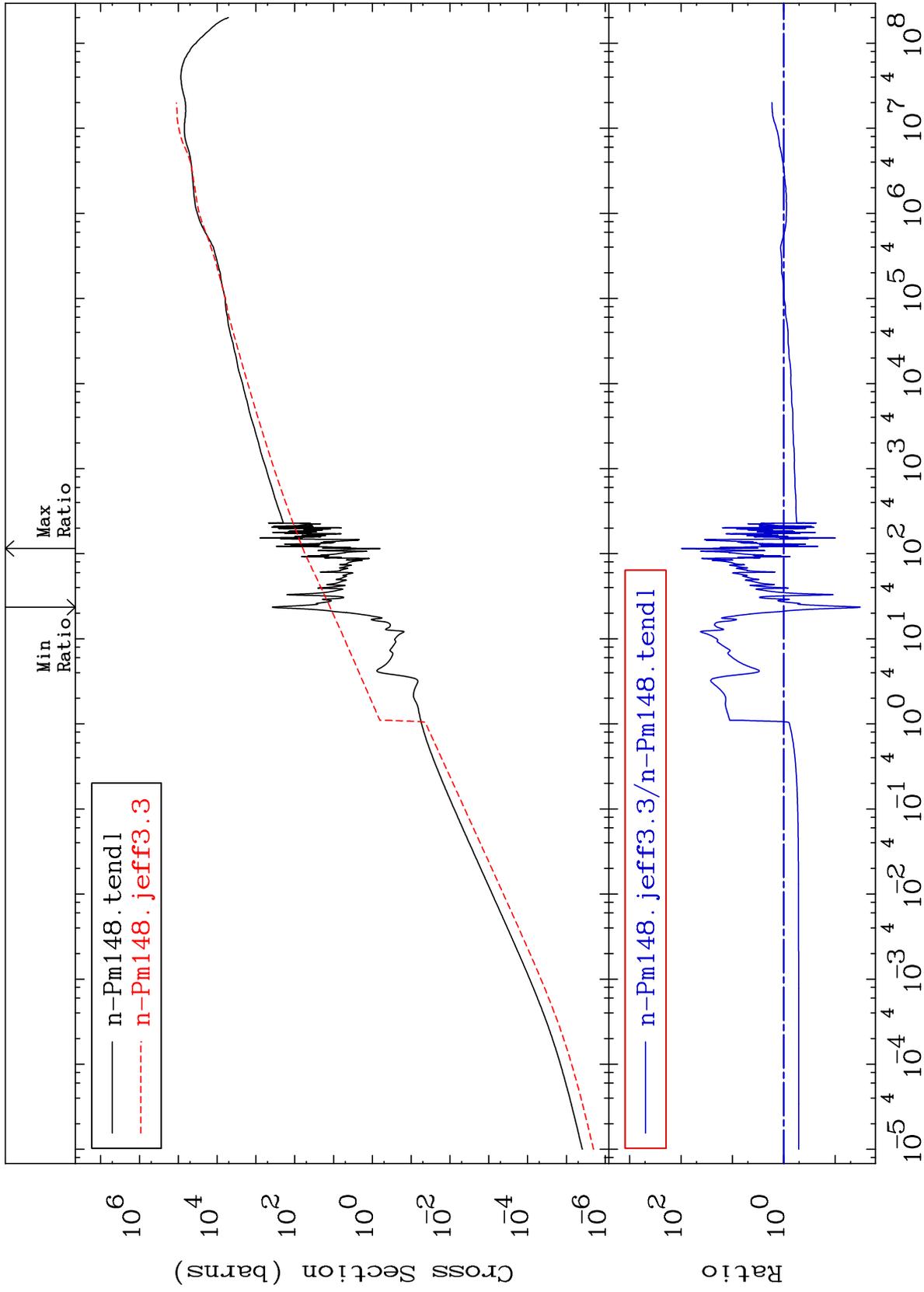
MAT 6152

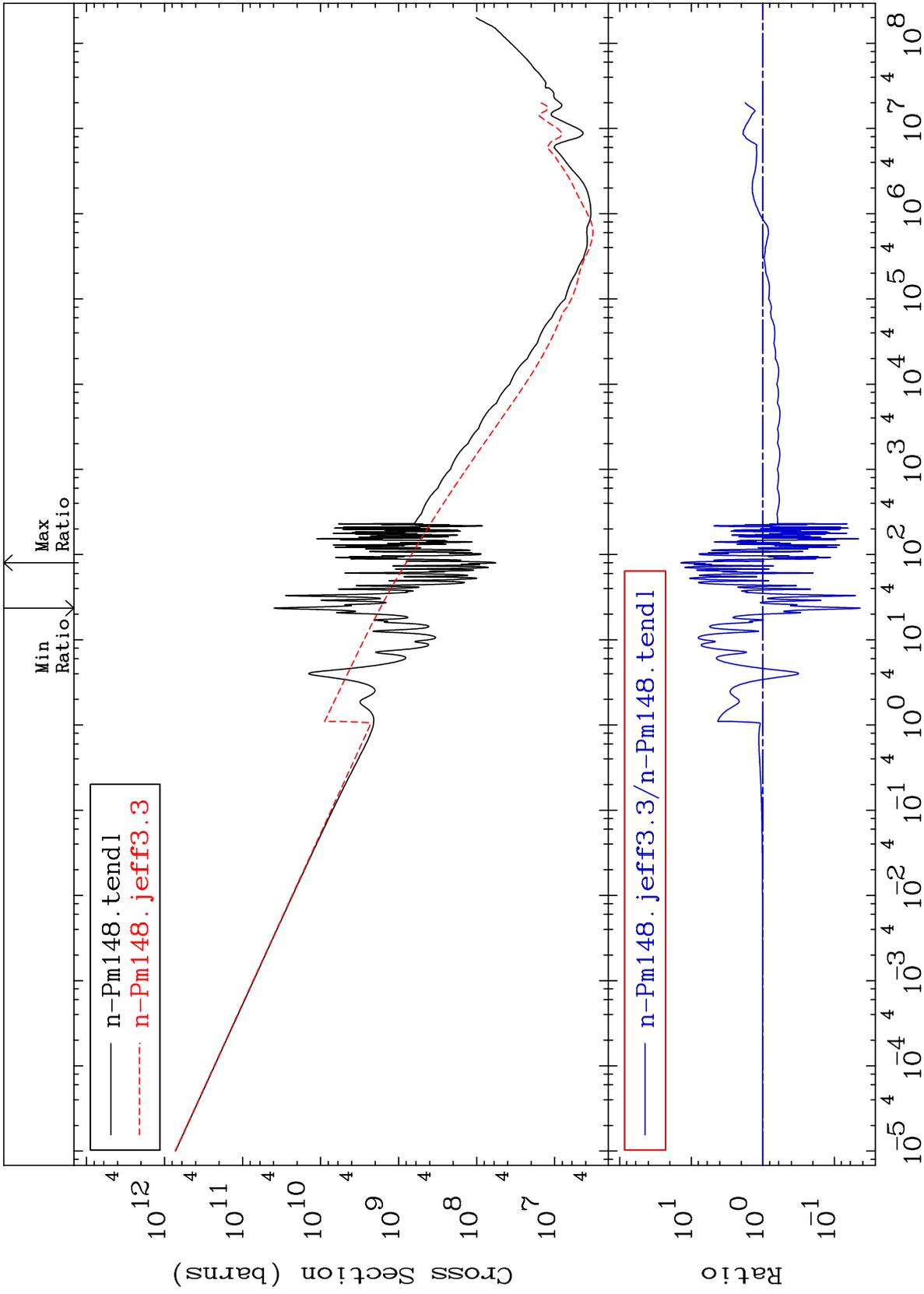
He-4 Production
Cross Section

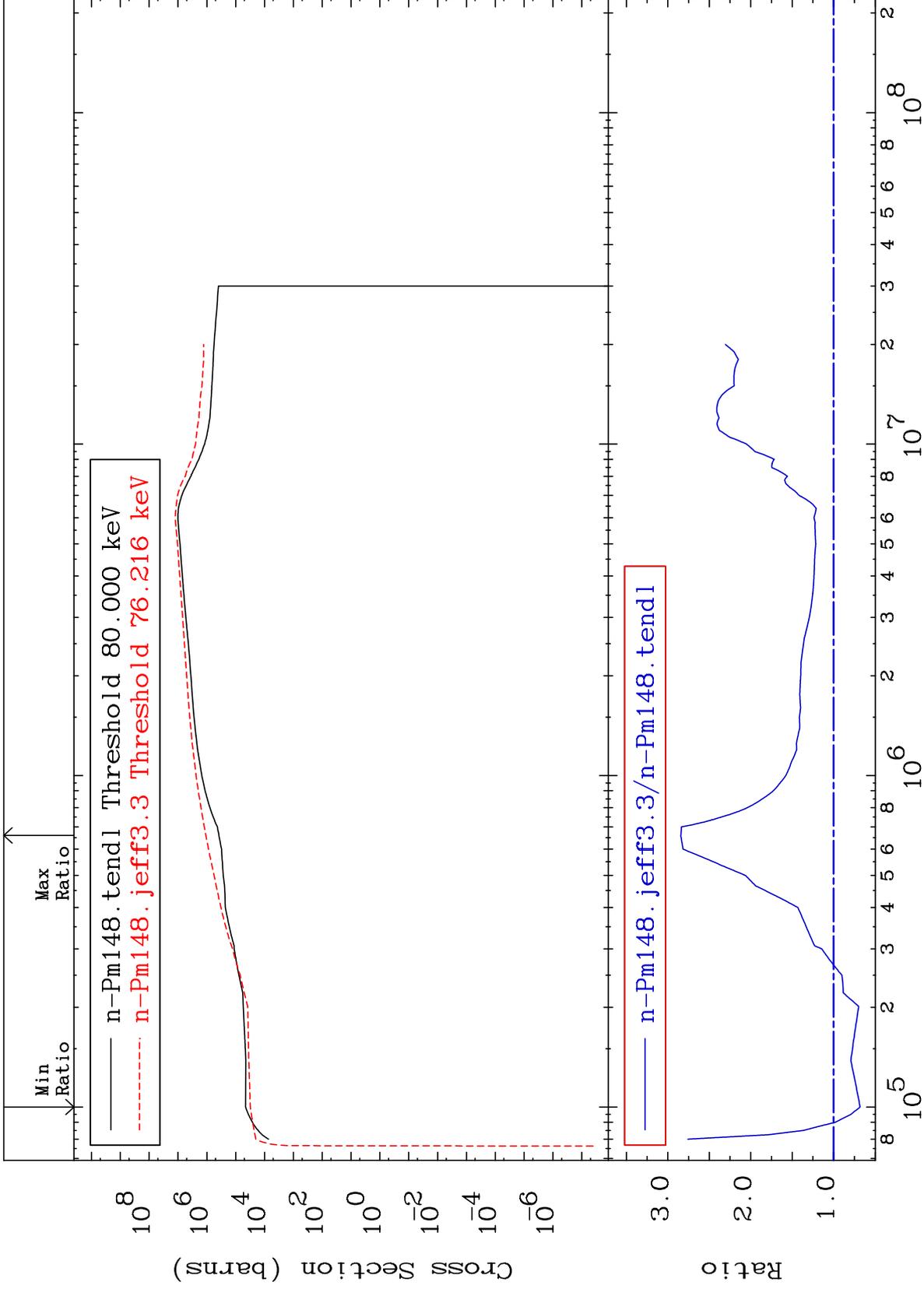
61-Pm-148
-100.0 To 1431. %







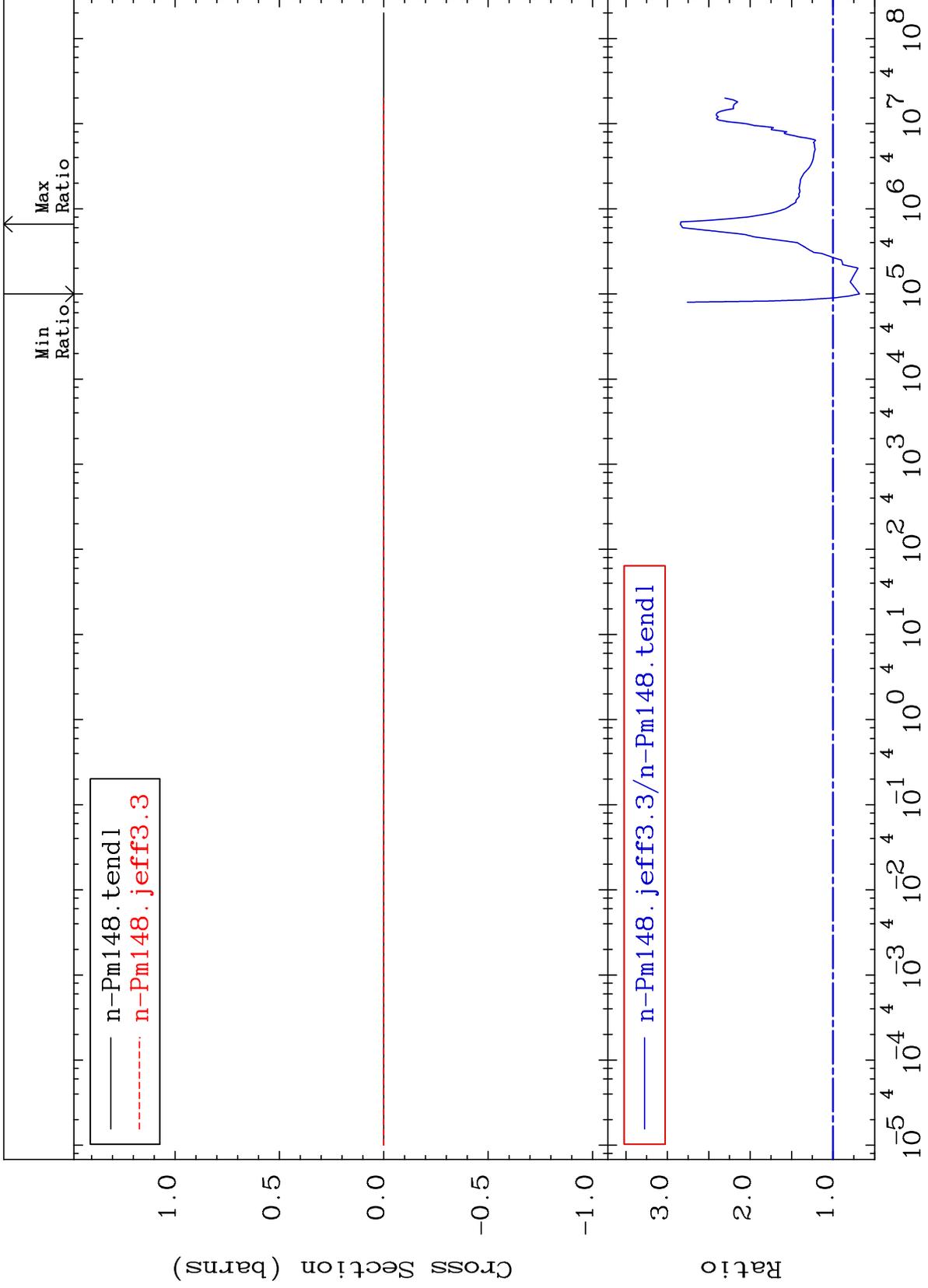


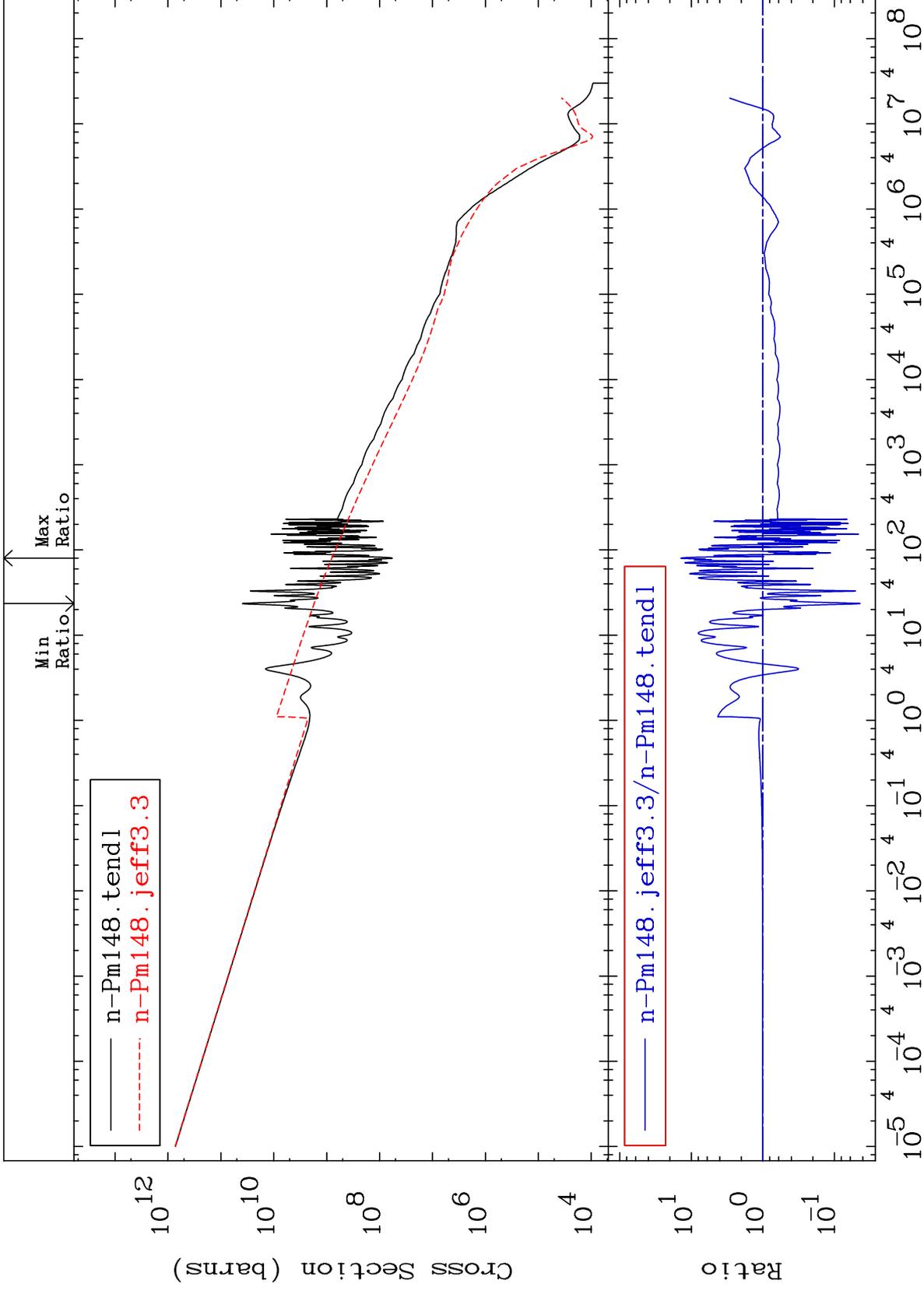


MAT 6152

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

61-Pm-148
-31.89 To 184.4 %

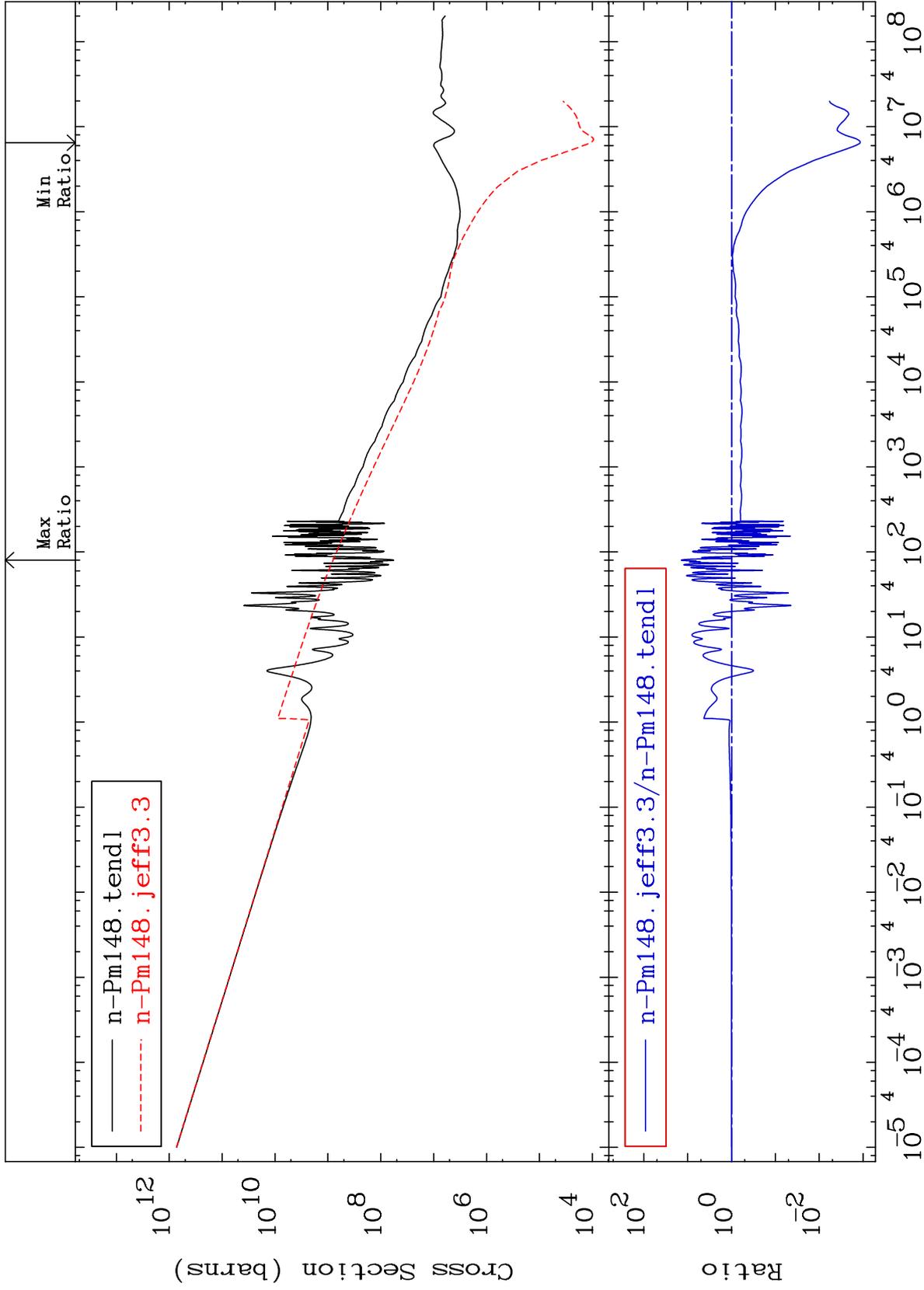




MAT 6152

Total photon (eV-barns)
Cross Section

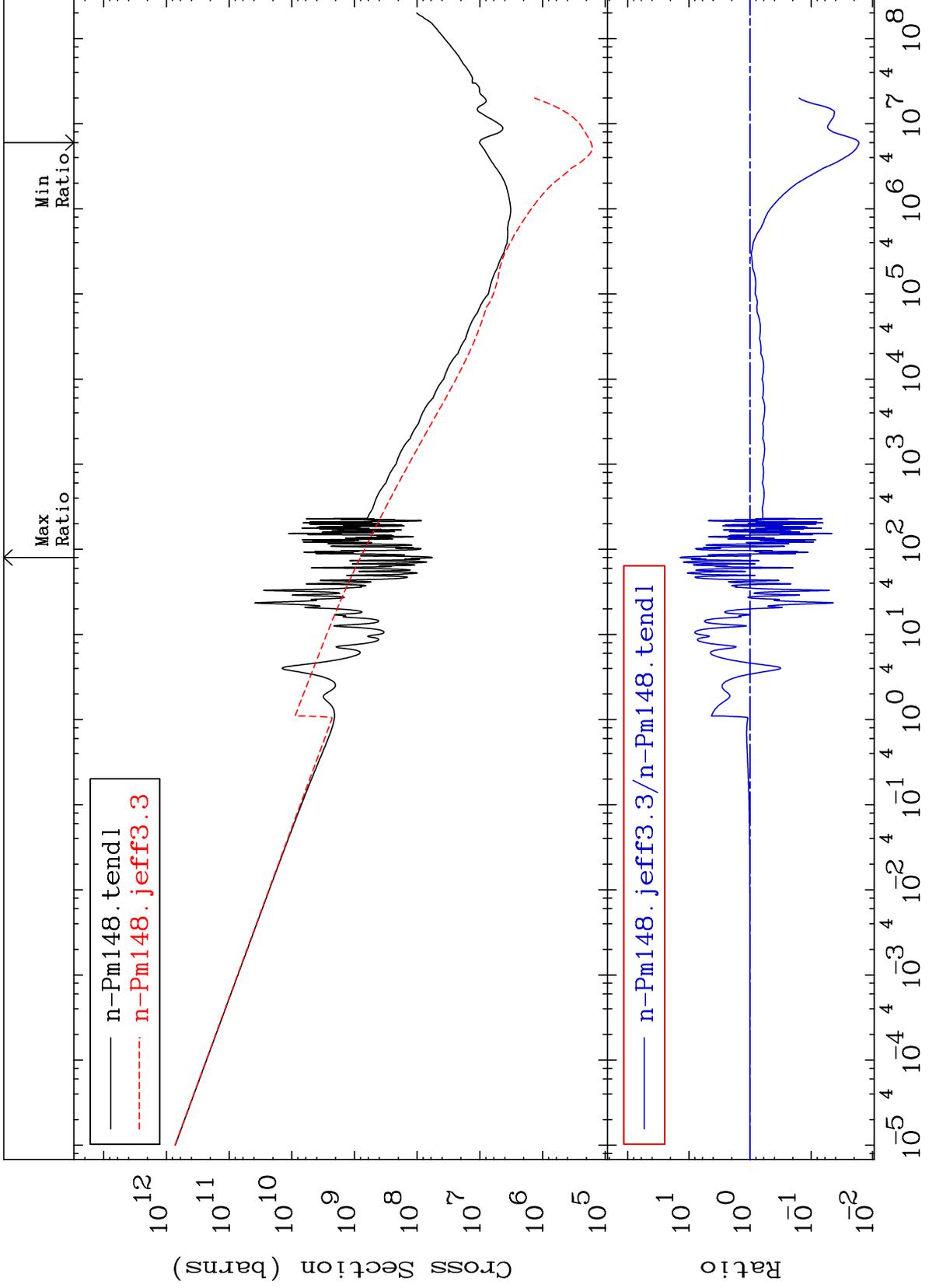
61-Pm-148
-99.88 To 1305. %



30

Incident Energy (eV)

61-Pm-148



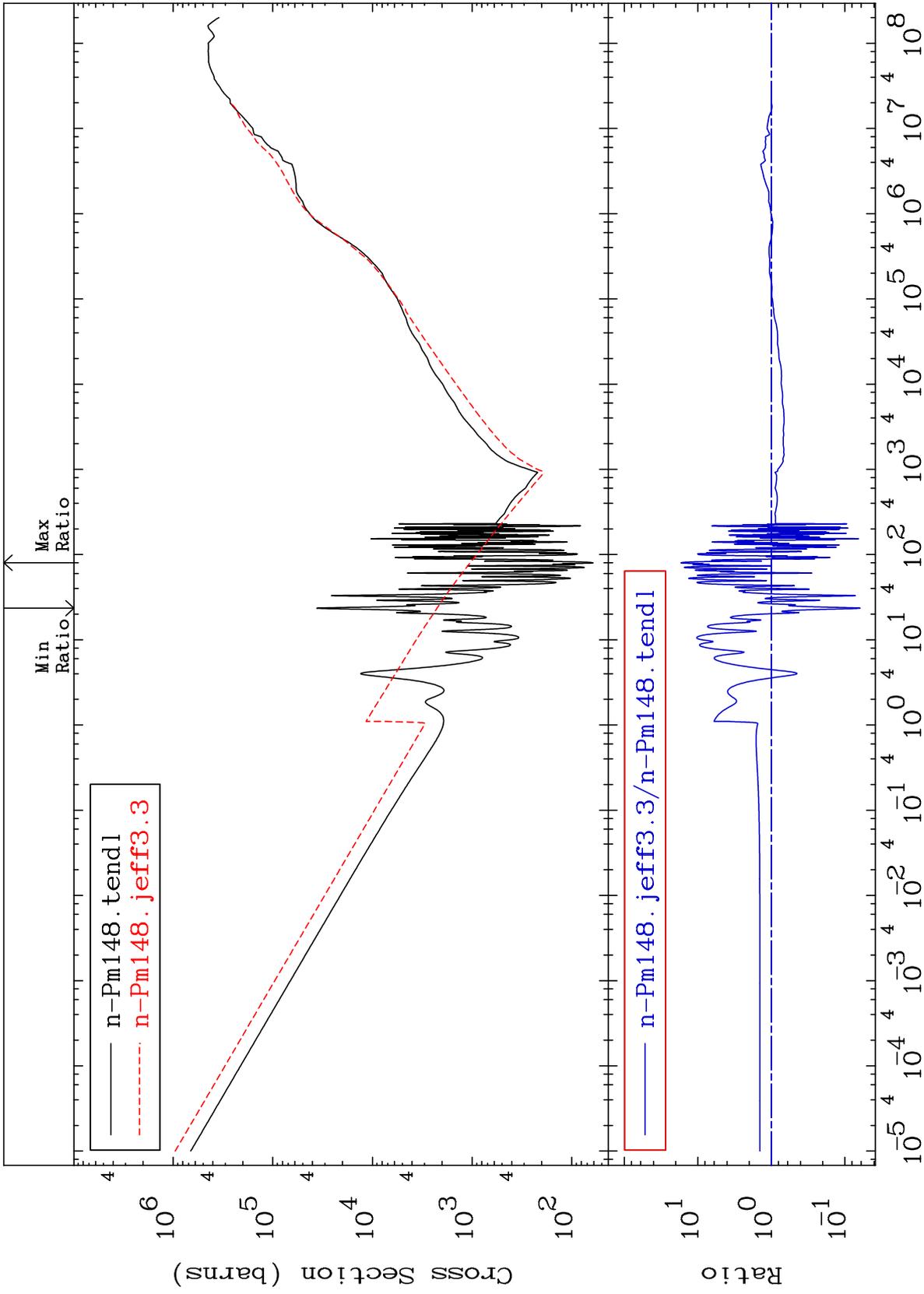
MAT 6152

Dpa total (eV-barns)

61-Pm-148

Cross Section

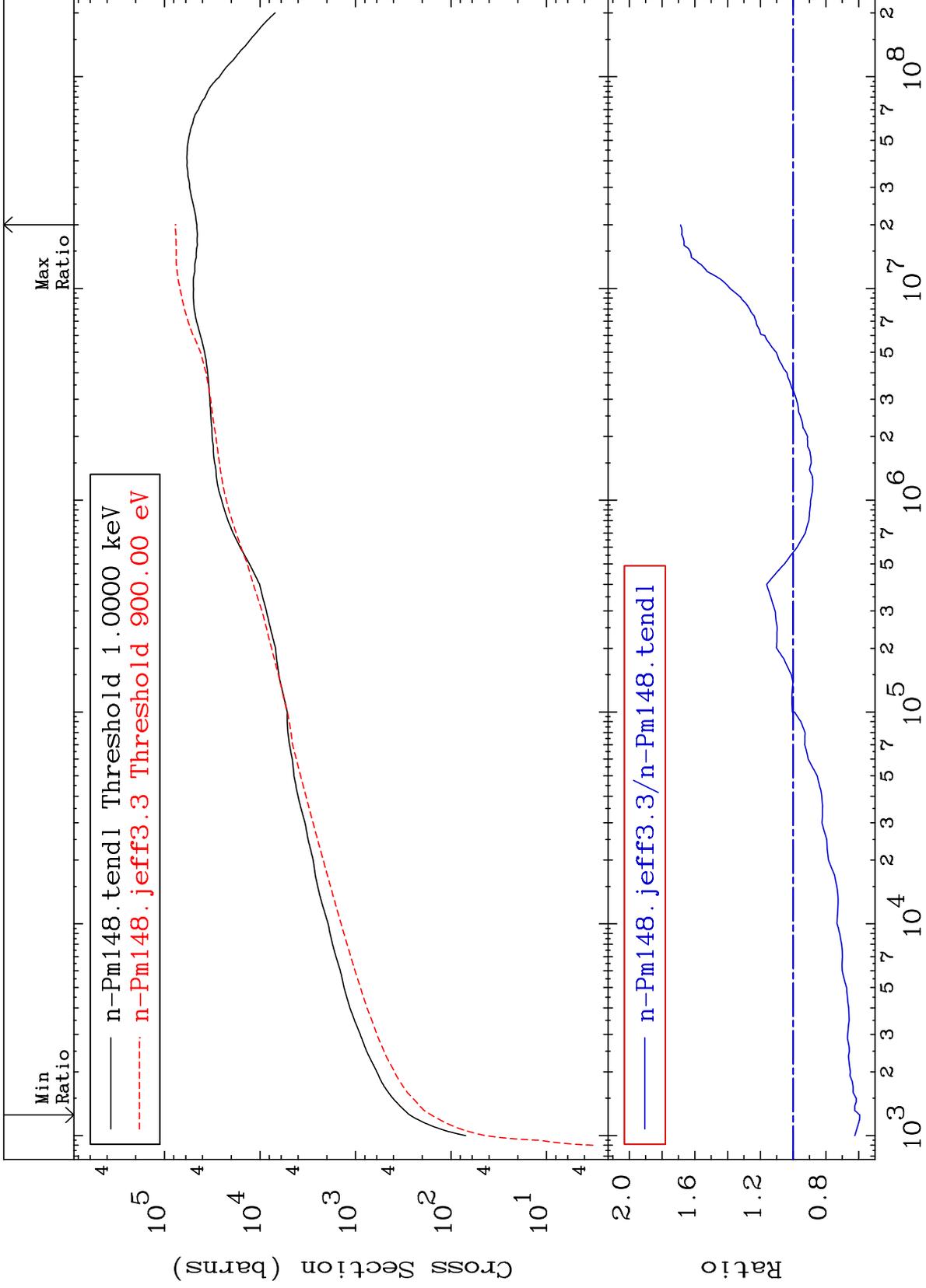
-93.80 To 1608. %



MAT 6152

Dpa elastic (mt2)
Cross Section

61-Pm-148
-40.66 To 68.72 %



33

Incident Energy (eV)

61-Pm-148

