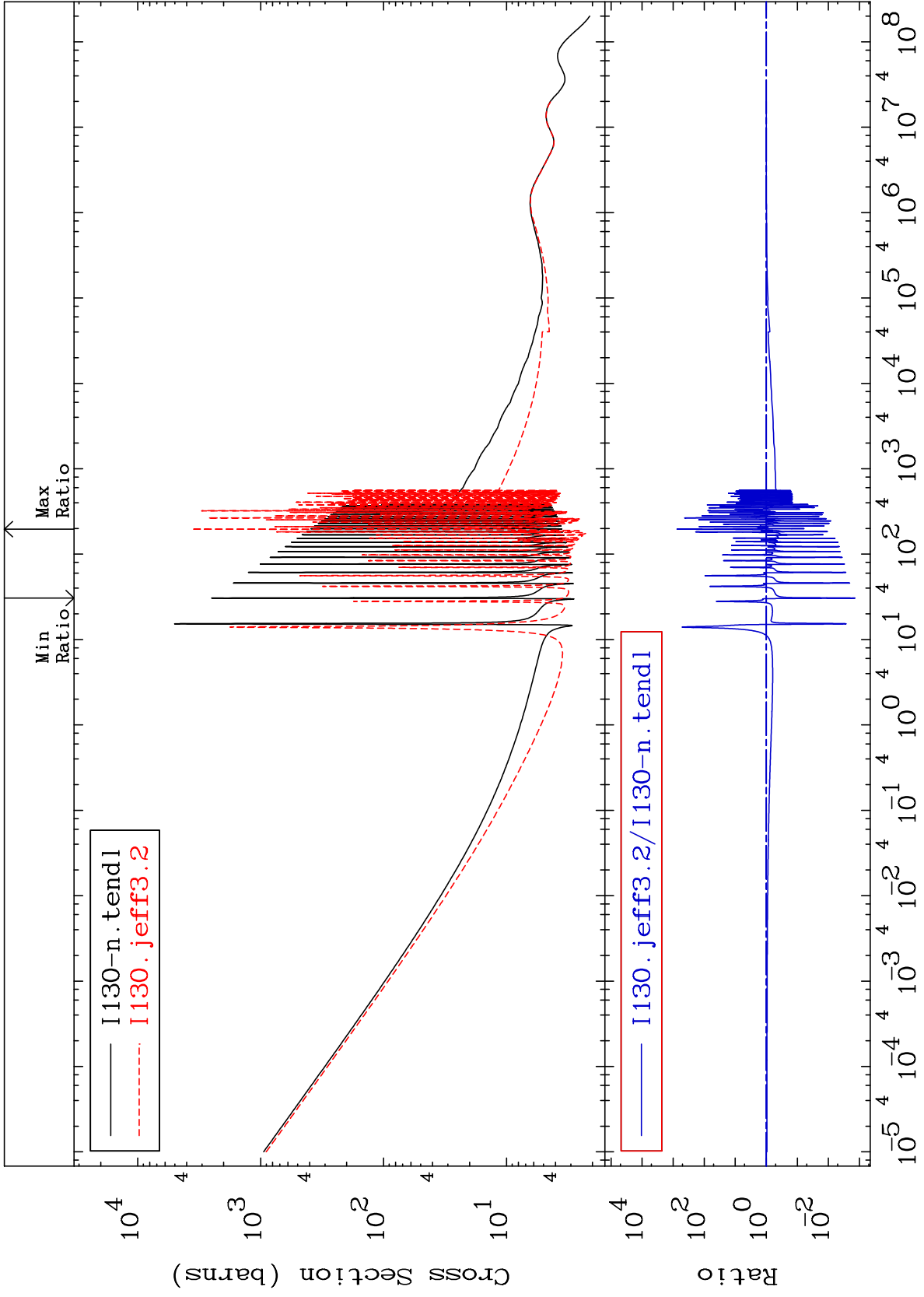


MAT 5334

Total Cross Section
53-I -130
-99.86 To 9999. %



Incident Energy (eV)

53-I -130

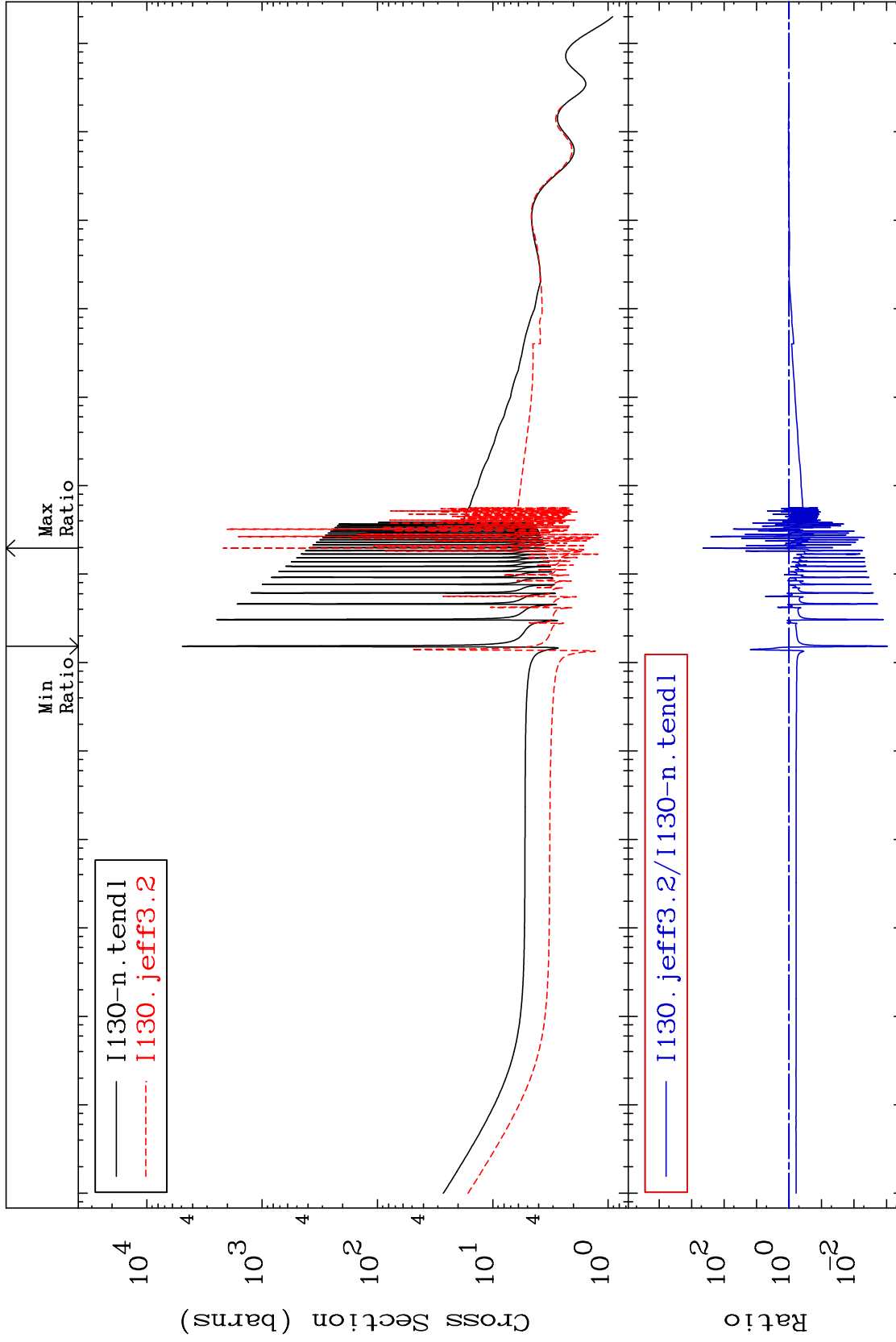
MAT 5334

Elastic

53-I -130

Cross Section

-99.91 To 9999. %



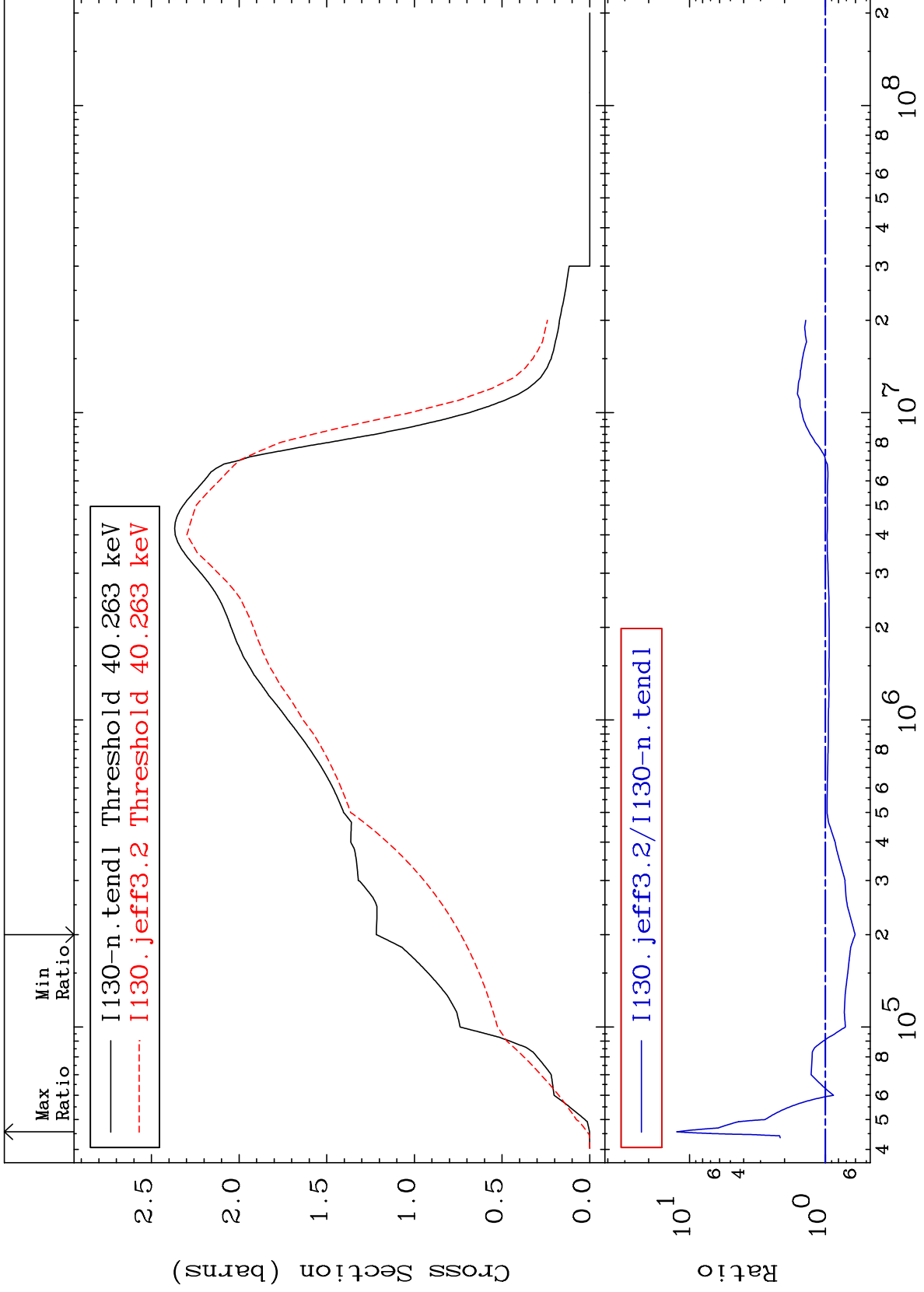
2

53-I -130

MAT 5334

Inelastic
Cross Section

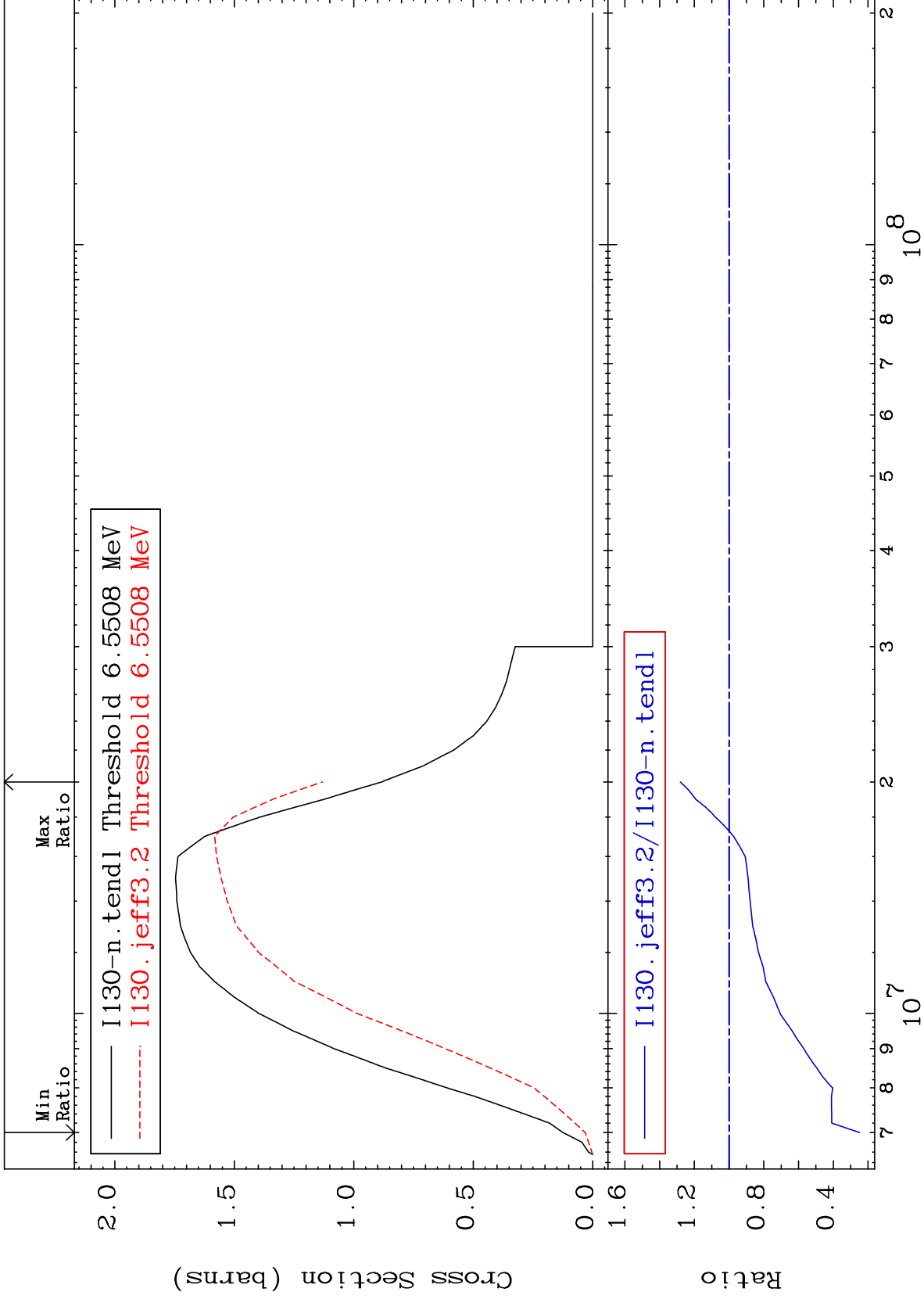
53-I -130
-39.61 To 1138. %



MAT 5334

(n,2n)
Cross Section

53-I -130
-75.07 To 28.07 %



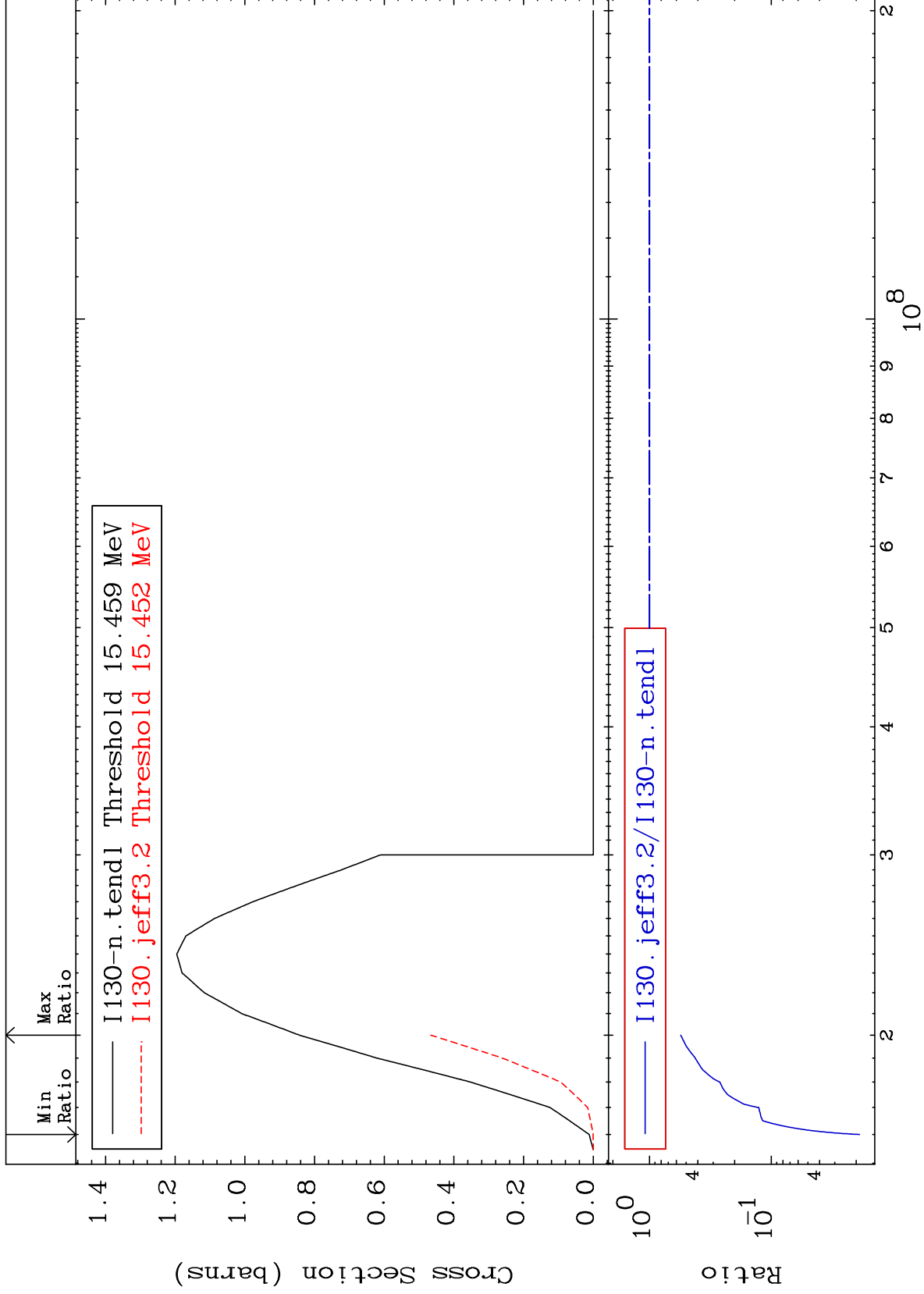
4

Incident Energy (eV)

53-I -130

Cross Section

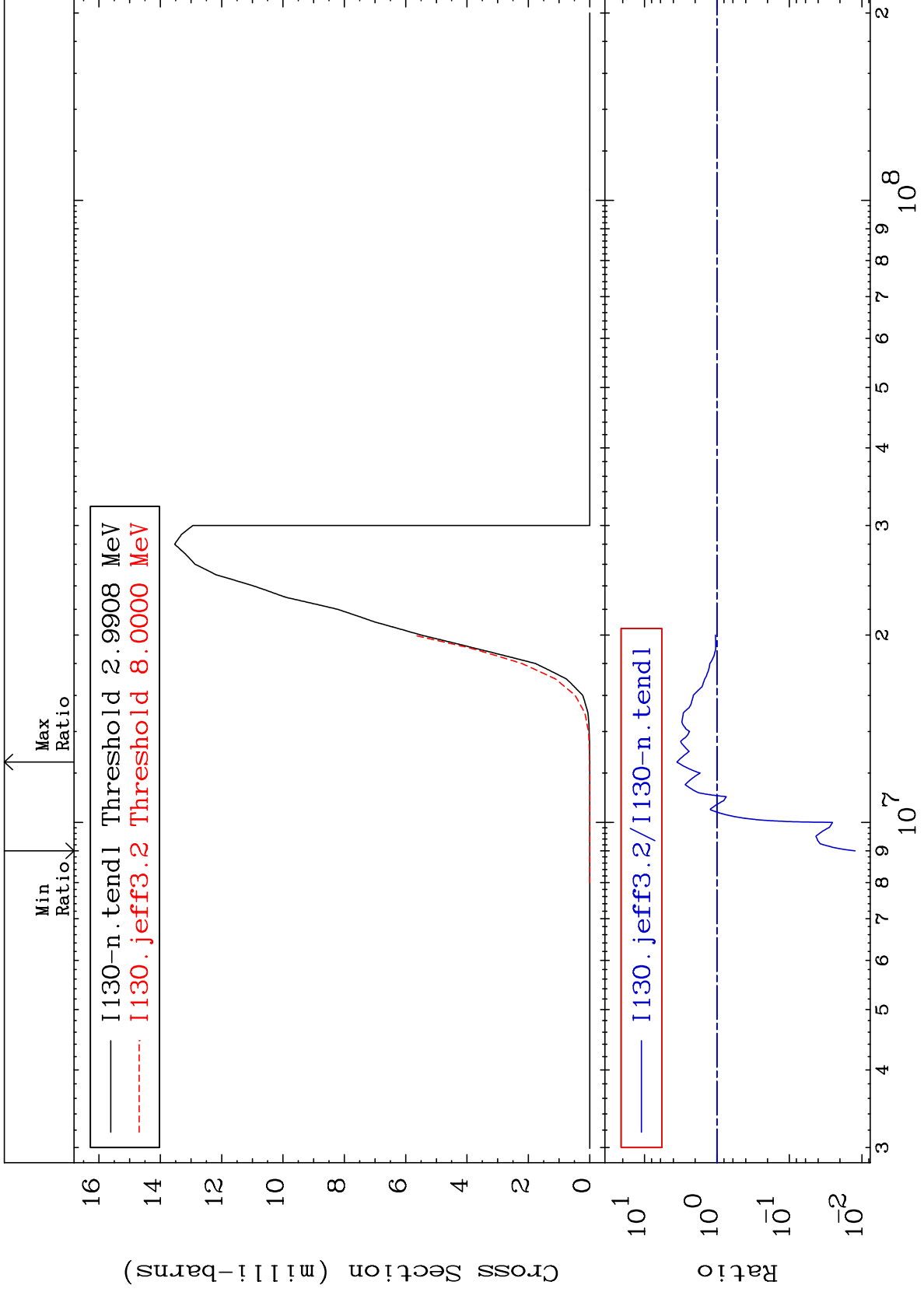
-98.12 To -44.71%



MAT 5334

(n,n') α
Cross Section

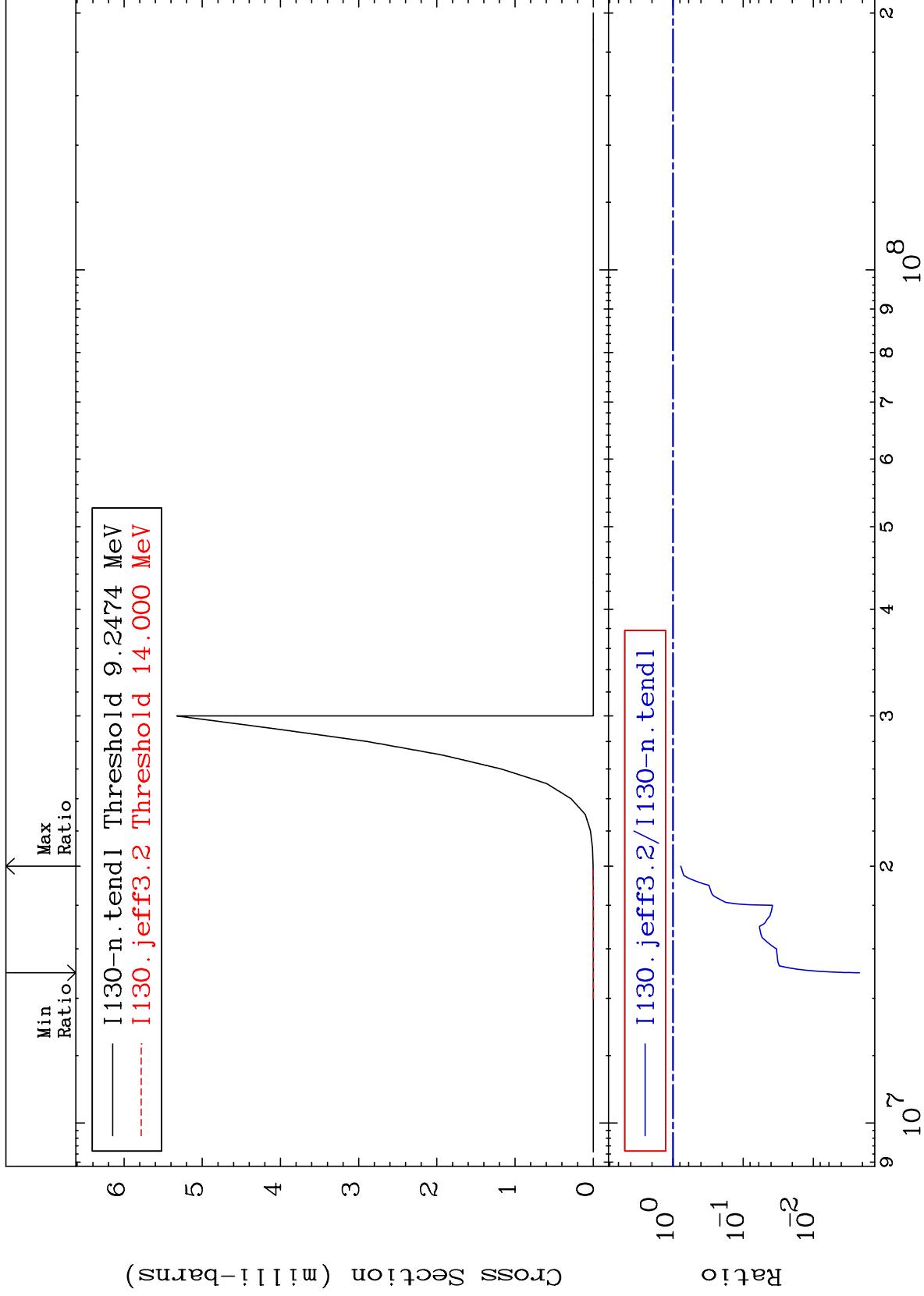
53-I -130
-98.76 To 256.4 %



MAT 5334

(n,2n) α
Cross Section

53-I -130
-99.78 To -22.26%

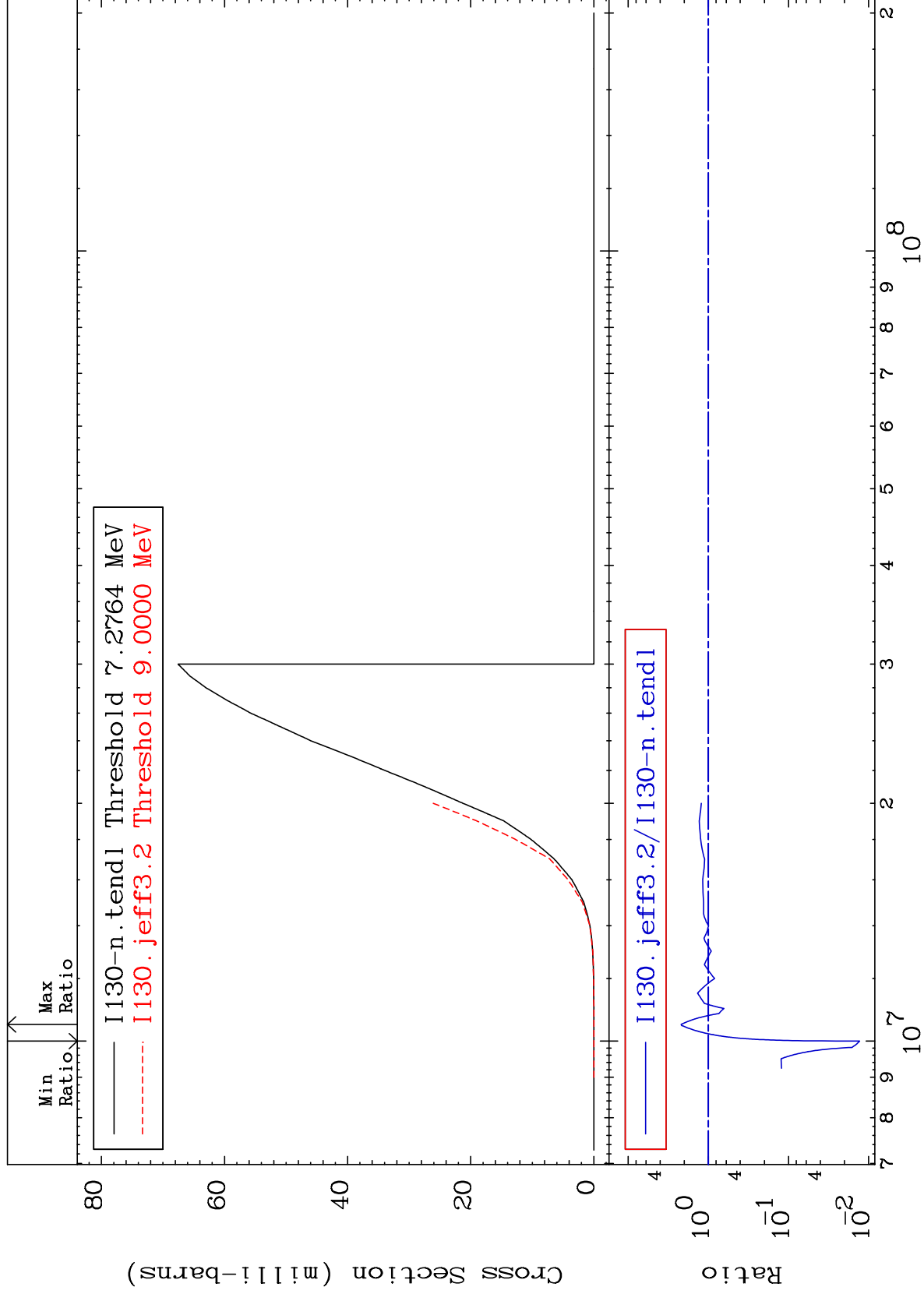


53-I -130

MAT 5334

(n,n') p
Cross Section

53-I -130
-98.71 To 118.3 %



8

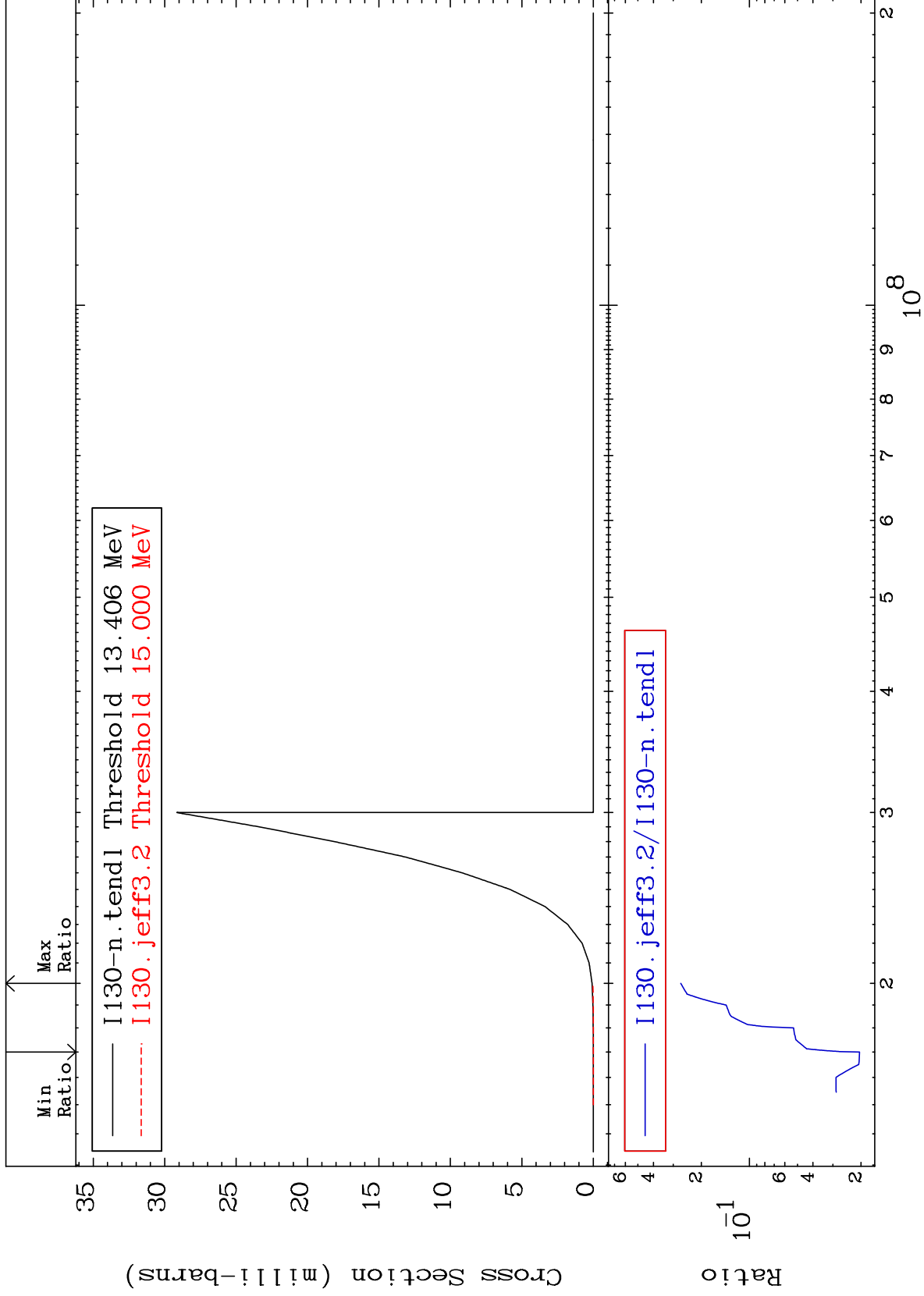
Incident Energy (eV)

53-I -130

MAT 5334

(n,2n) p
Cross Section

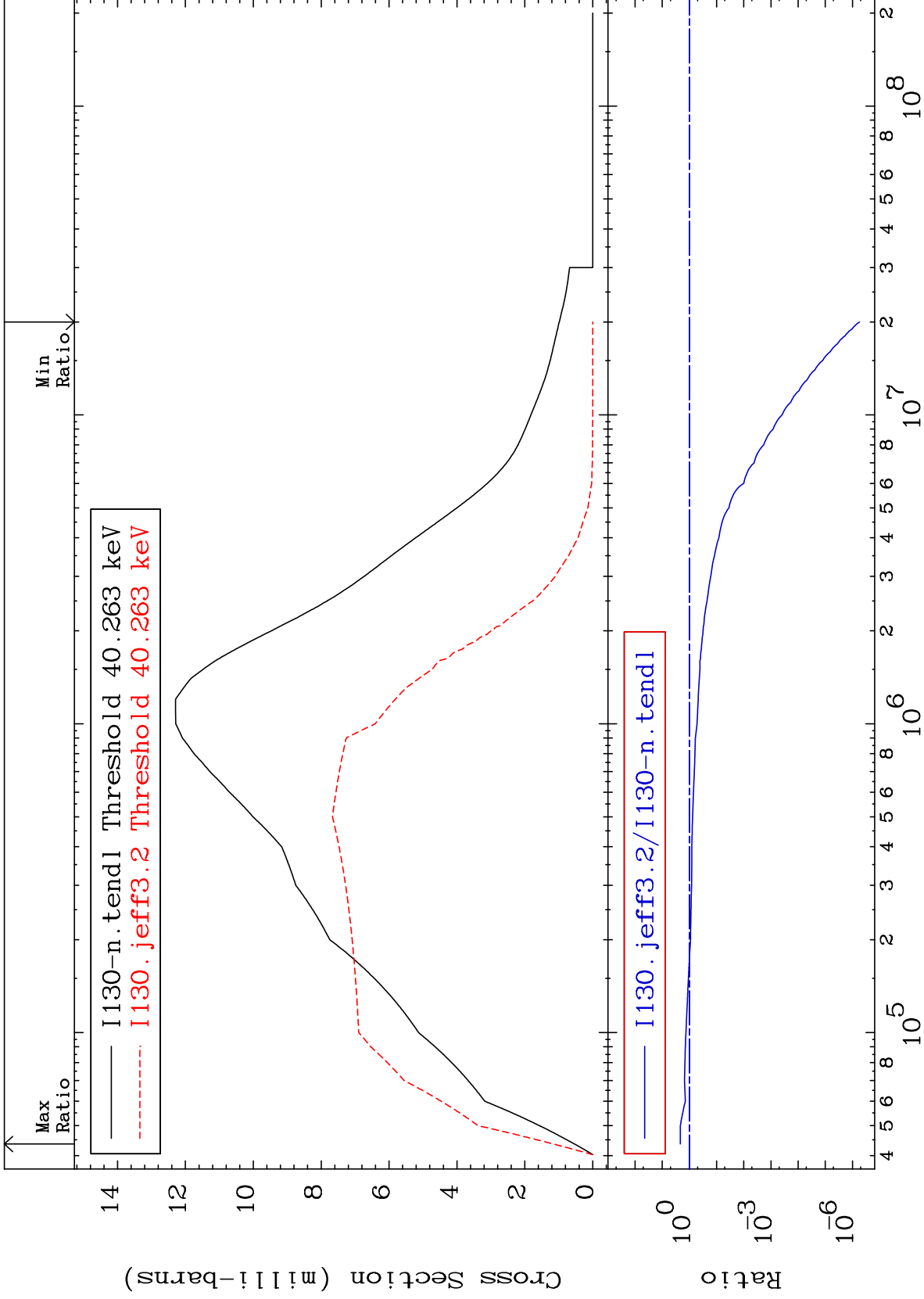
53-I -130
-97.96 To -73.06%



MAT 5334

39.95 keV (n,n') Level
Cross Section

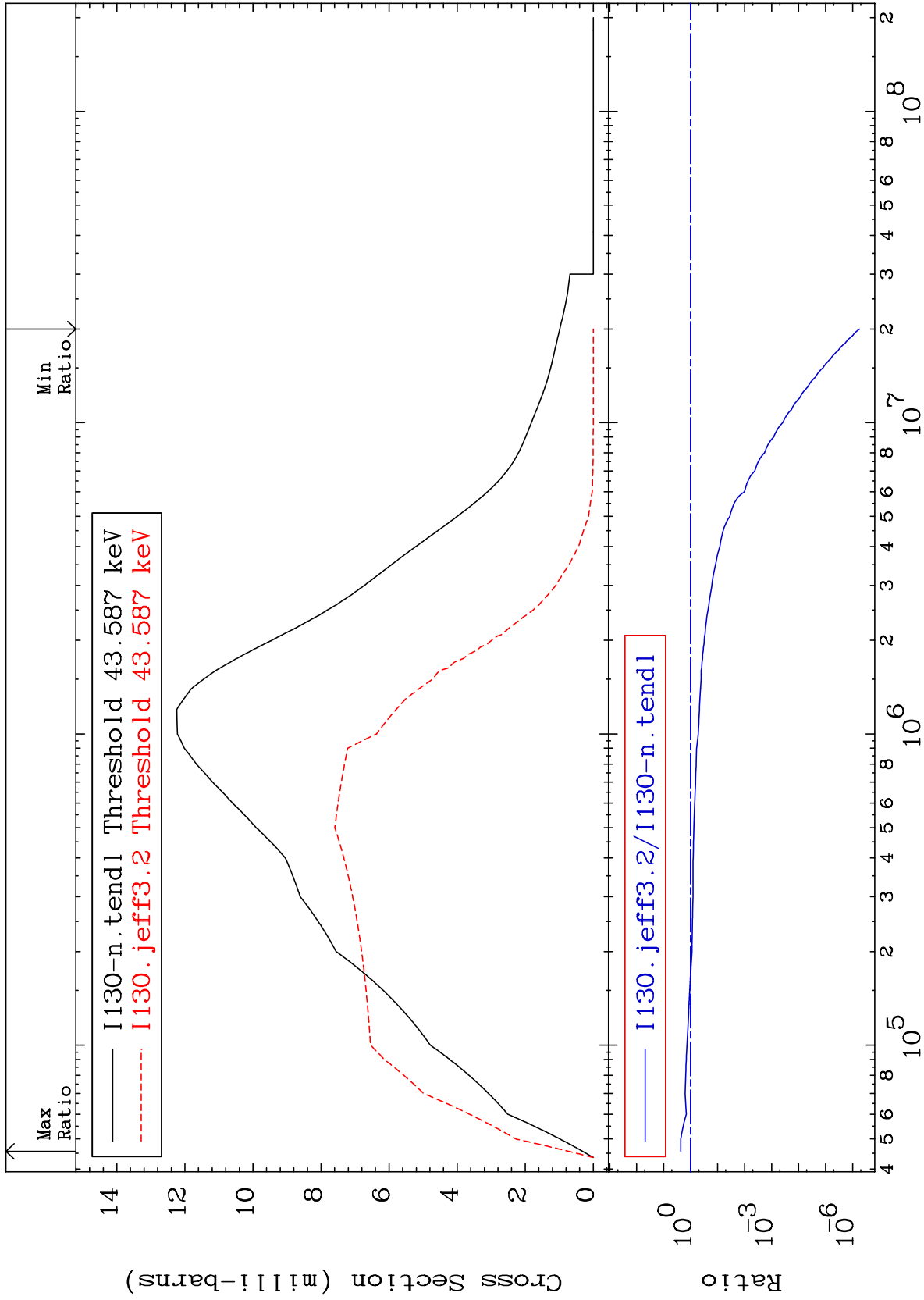
53-I -130
-100.0 To 115.2 %



MAT 5334

43.25 keV (n,n') Level
Cross Section

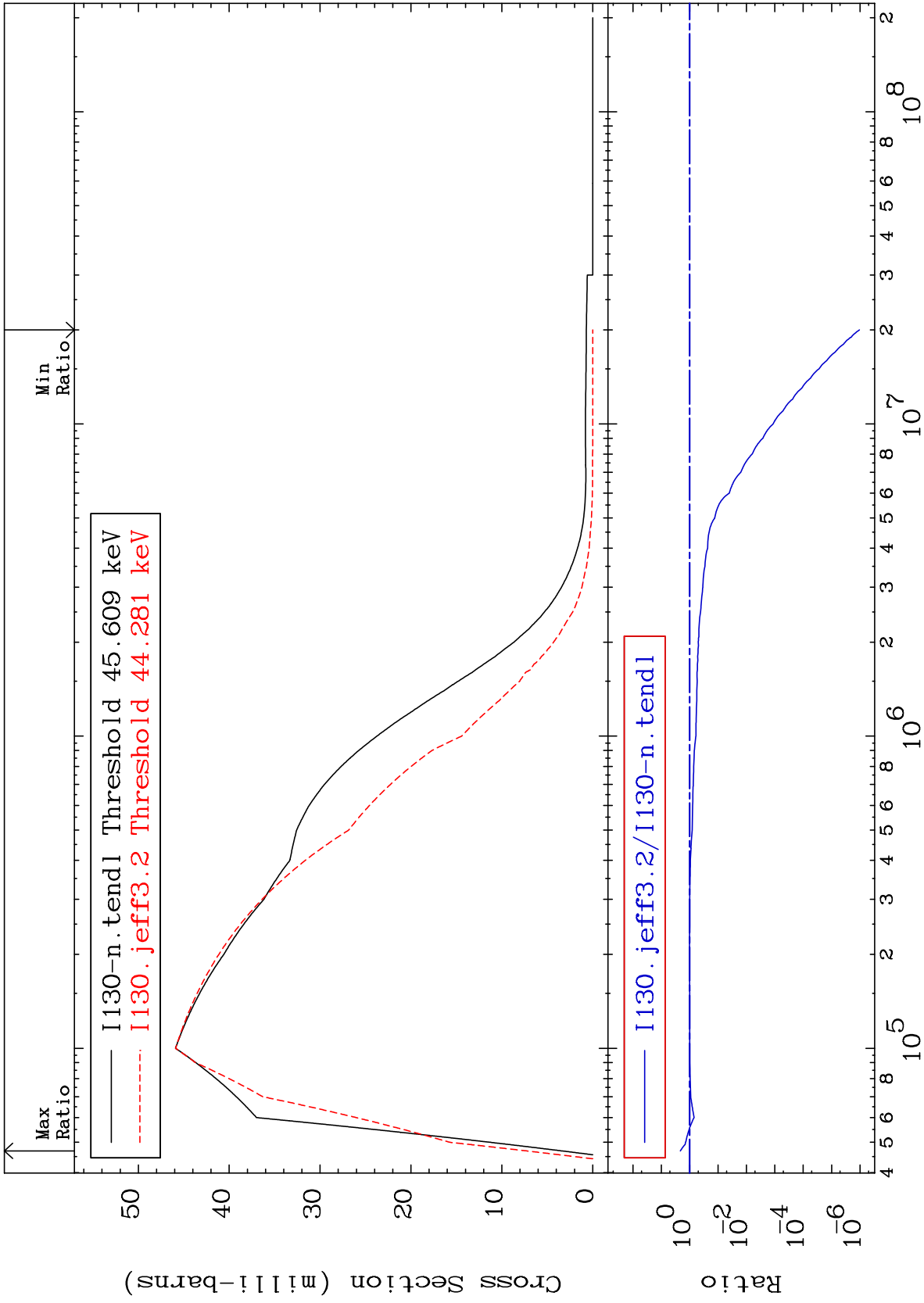
53-I -130
-100.0 To 132.3 %



MAT 5334

45.26 keV (n,n') Level
Cross Section

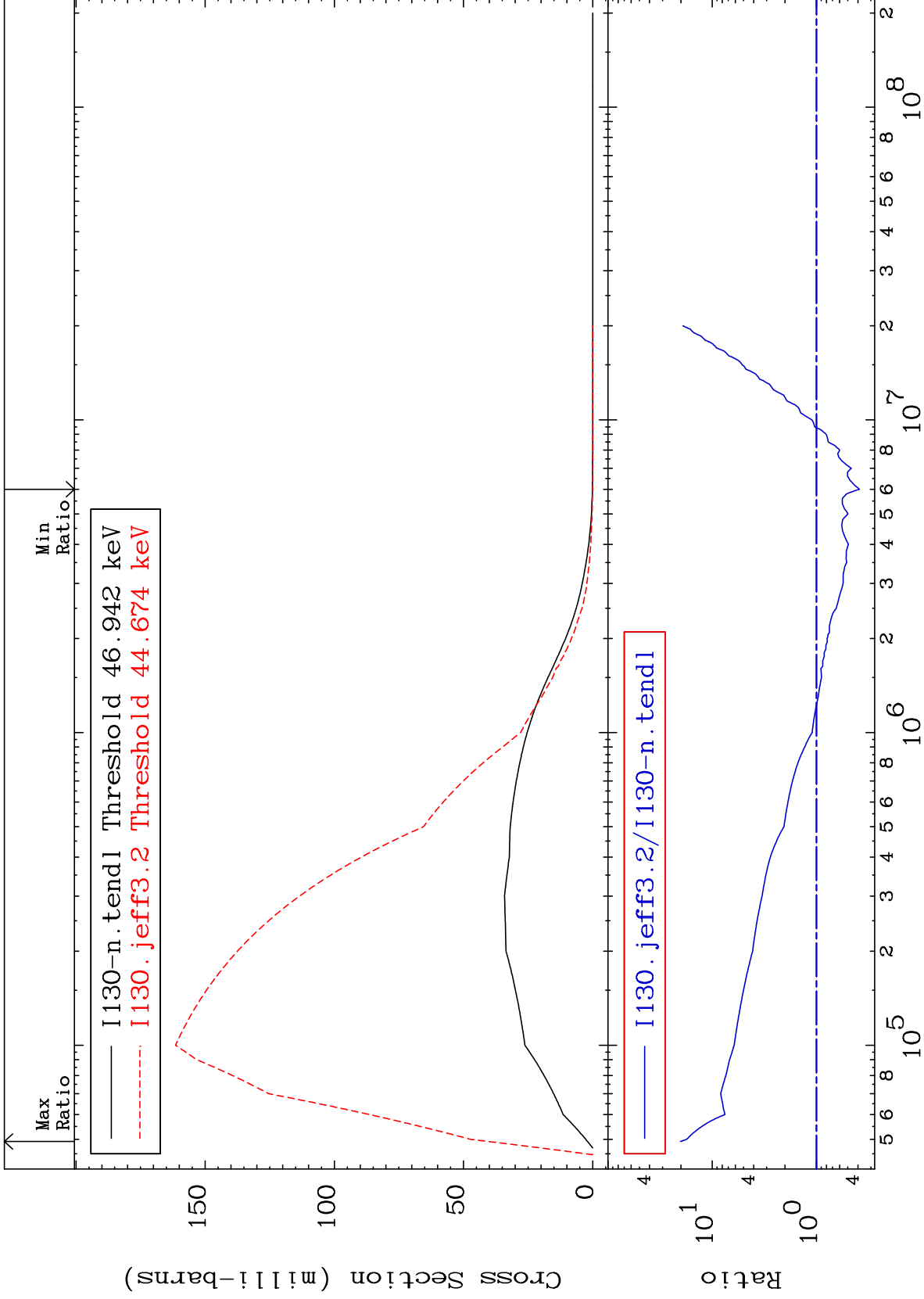
53-I -130
-100.0 To 113.7 %



MAT 5334

46.58 keV (n,n') Level
Cross Section

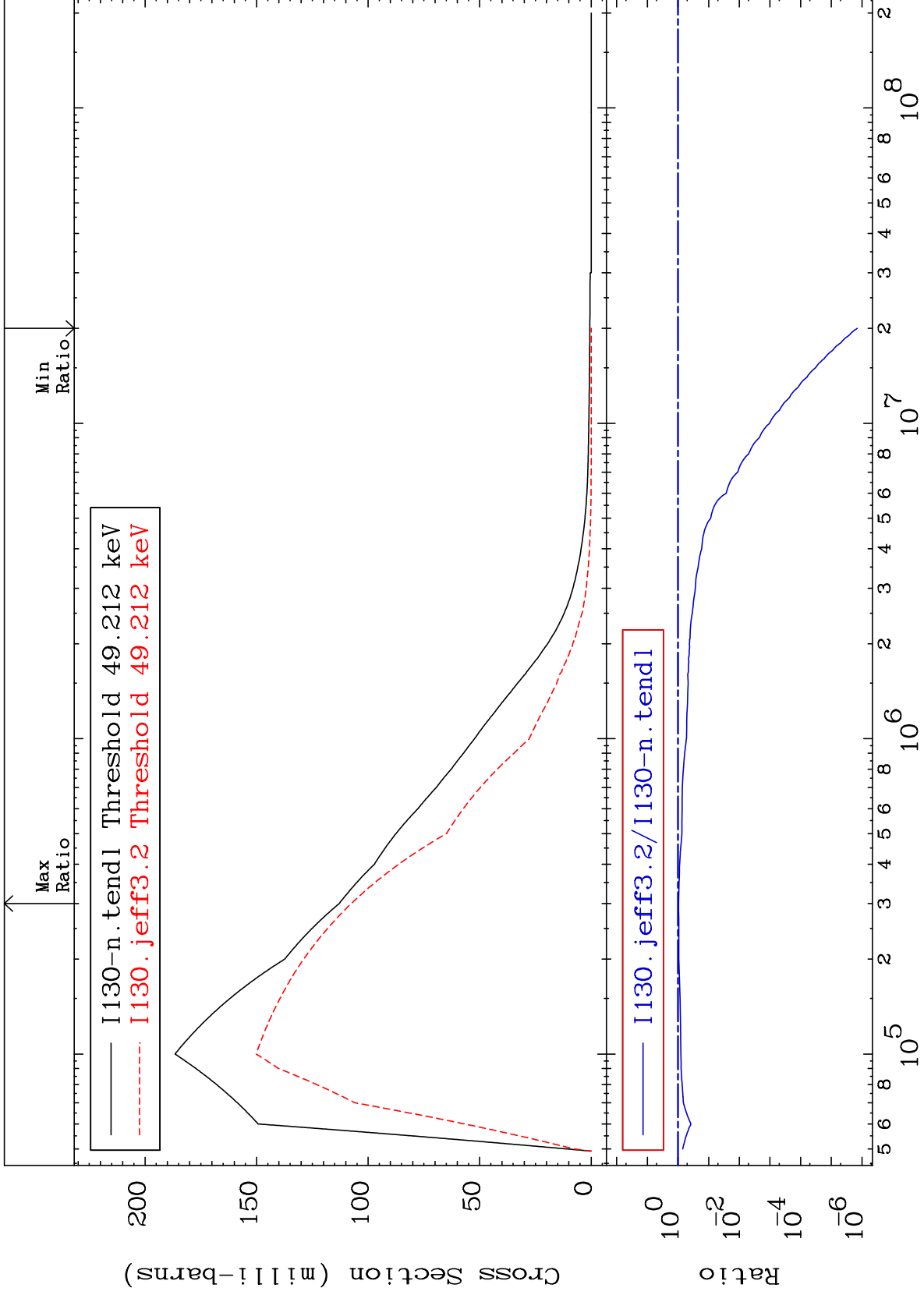
53-I -130
-61.35 To 1922. %



MAT 5334

48.83 keV (n,n') Level
Cross Section

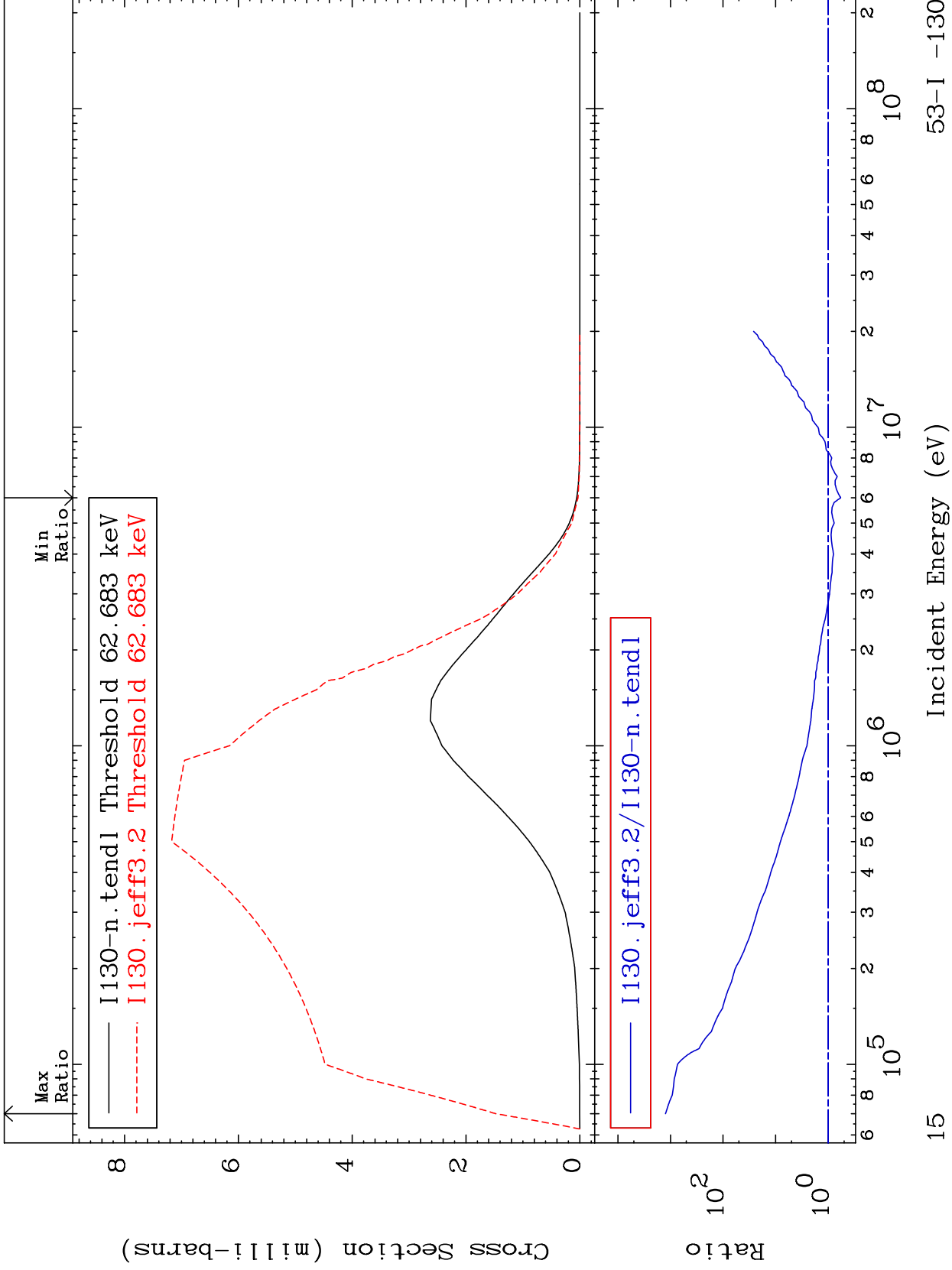
53-I -130
-100.0 To -4.813%



MAT 5334

62.20 keV (n,n') Level
Cross Section

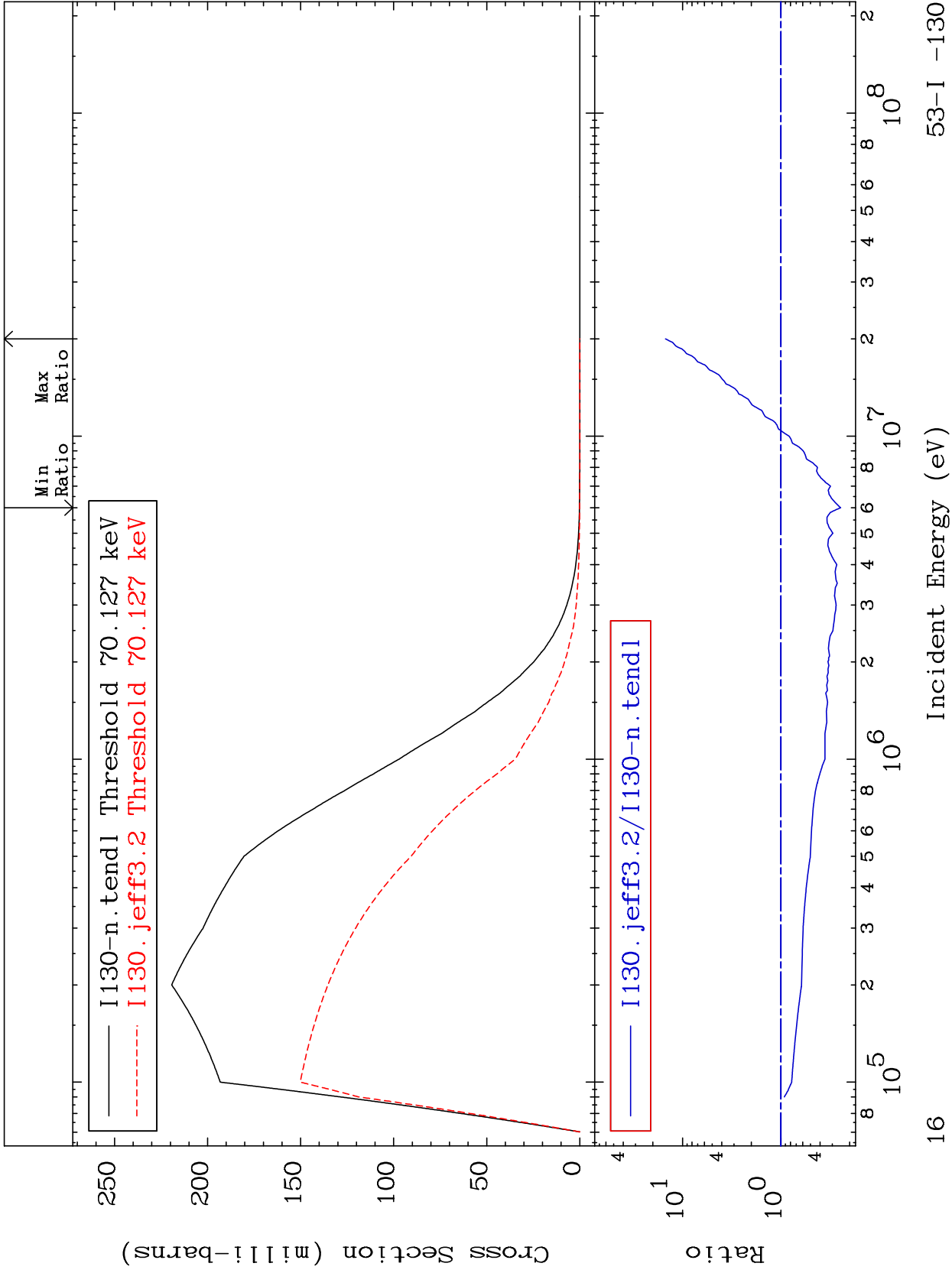
53-I -130
-42.04 To 9999. %



MAT 5334

69.59 keV (n,n') Level
Cross Section

53-I -130
-75.30 To 1389. %



16

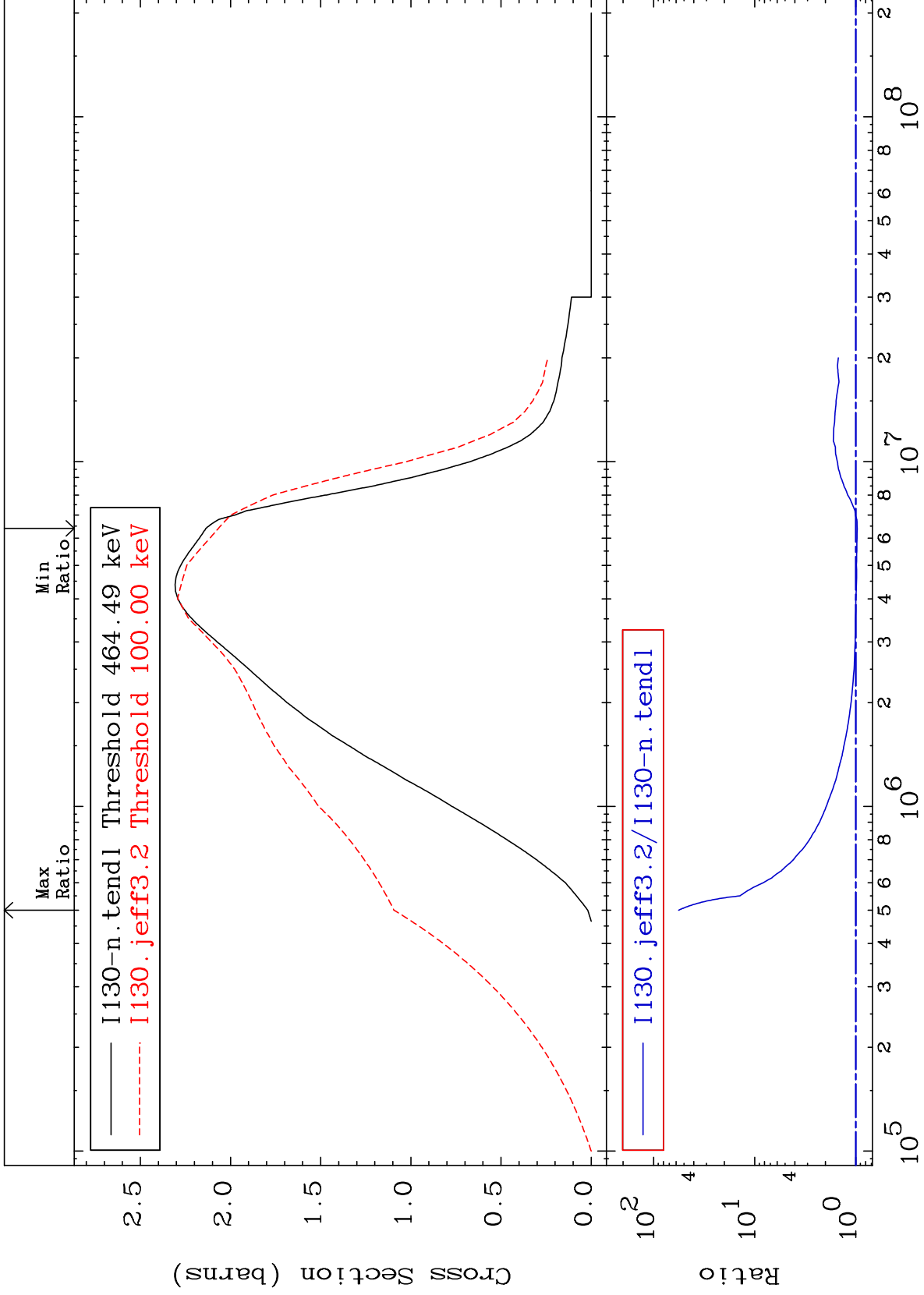
Incident Energy (eV)

53-I -130

MAT 5334

(n, n') Continuum
Cross Section

53-I -130
-3.238 To 5551. %



17

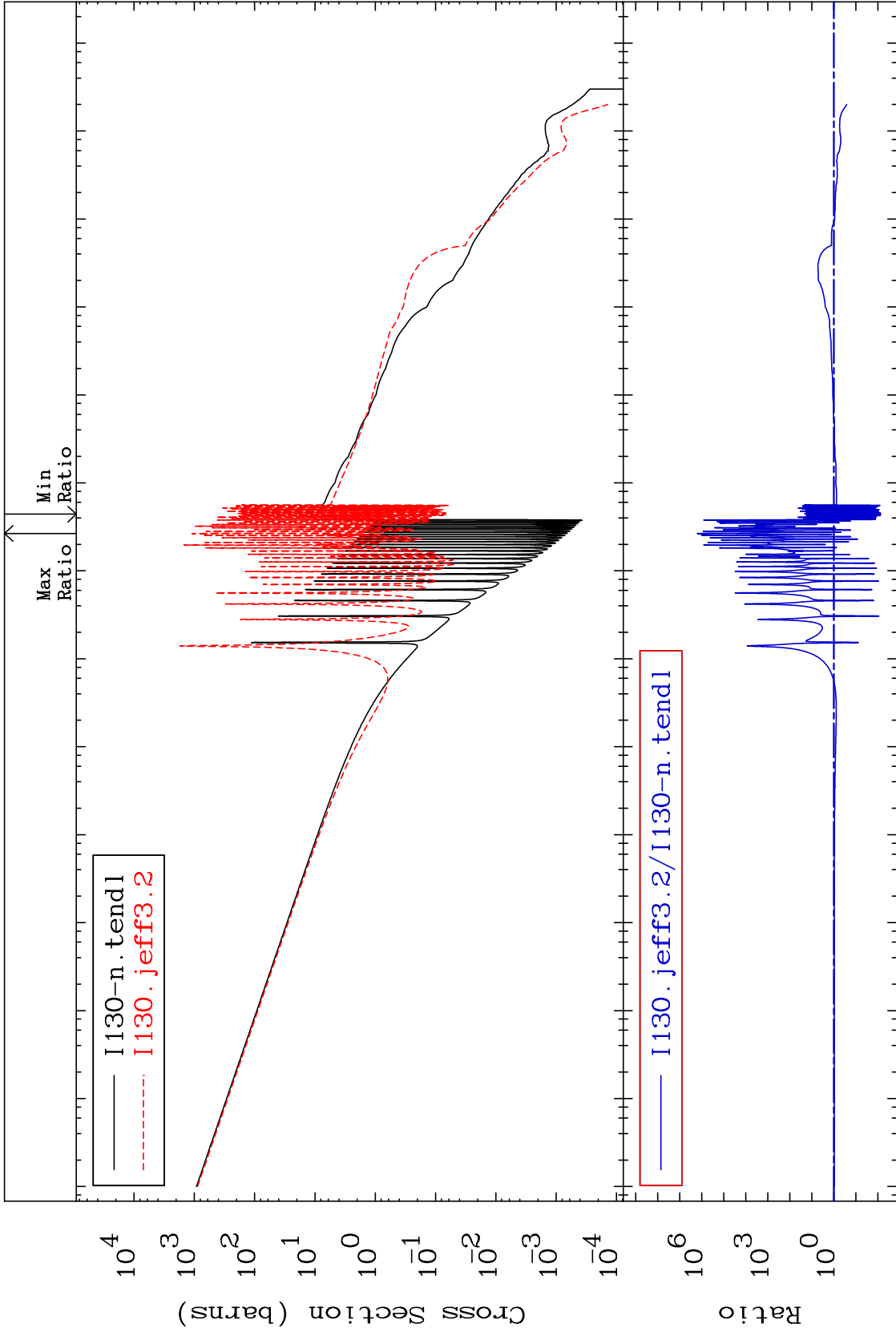
Incident Energy (eV)

53-I -130

MAT 5334

(n, γ)
Cross Section

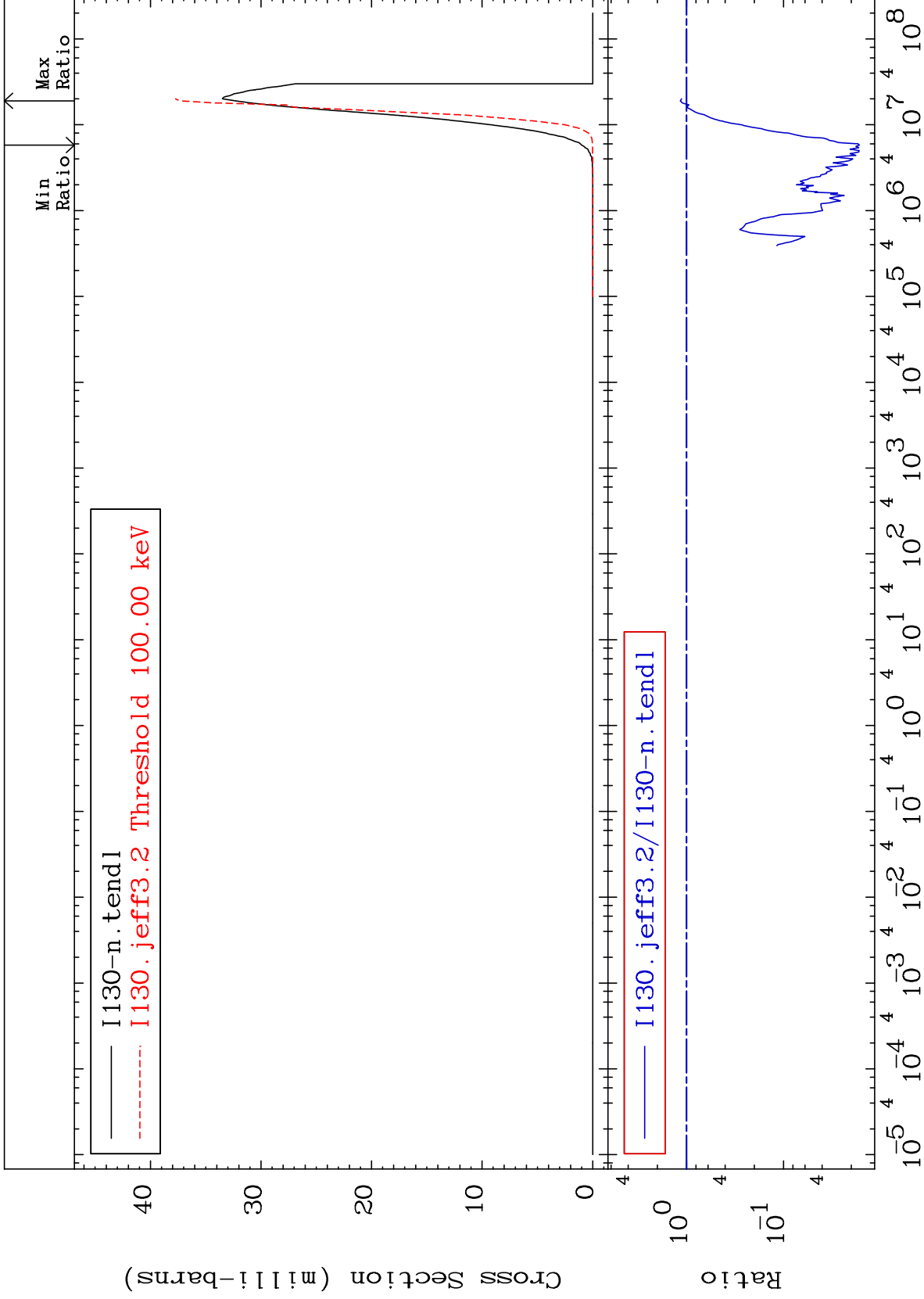
53-I -130
-99.28 To 9999. %



MAT 5334

(n,p)
Cross Section

53-I -130
-98.35 To 15.67 %



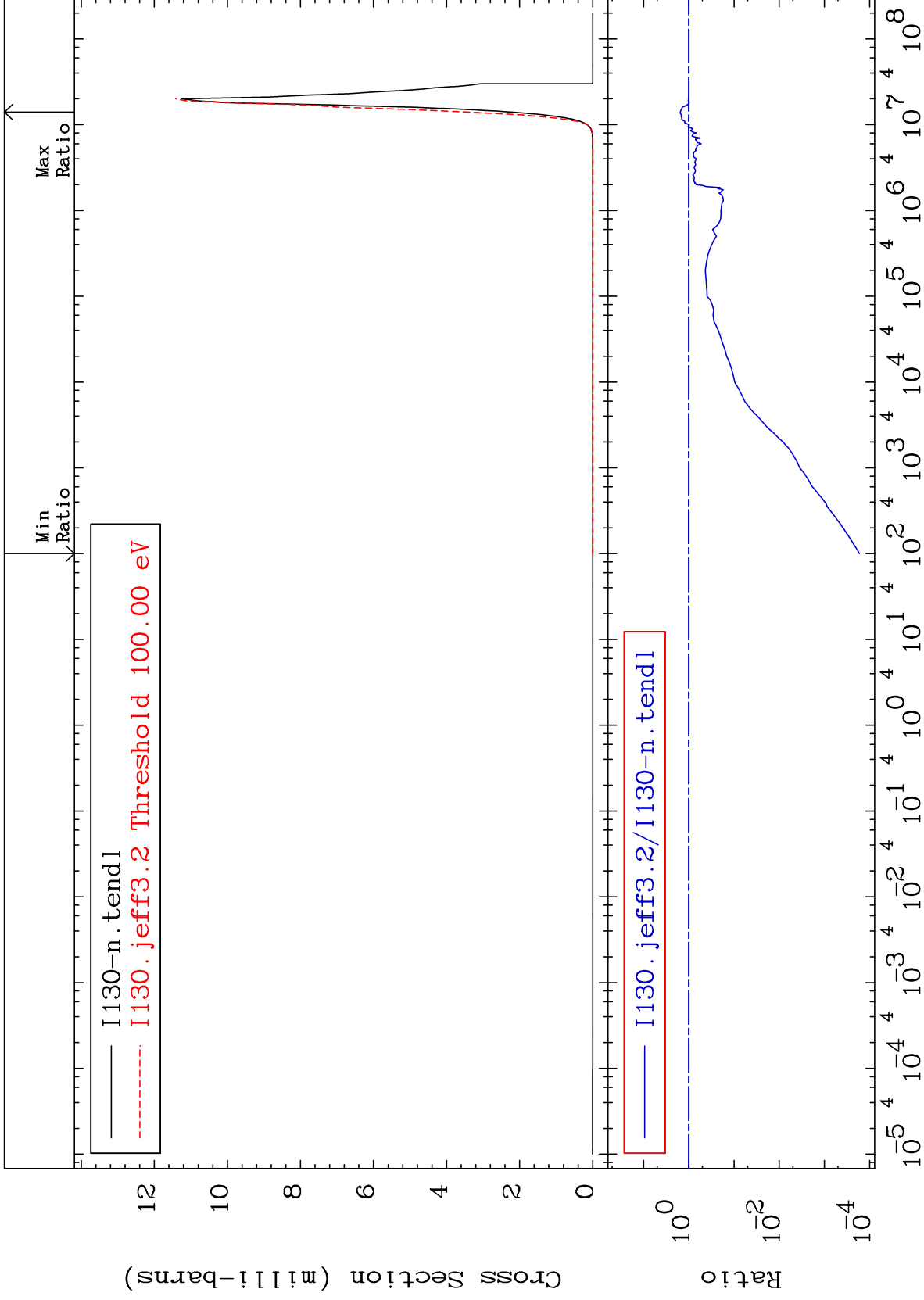
MAT 5334

(n, α)

53-I -130

Cross Section

-99.98 To 54.07 %



20

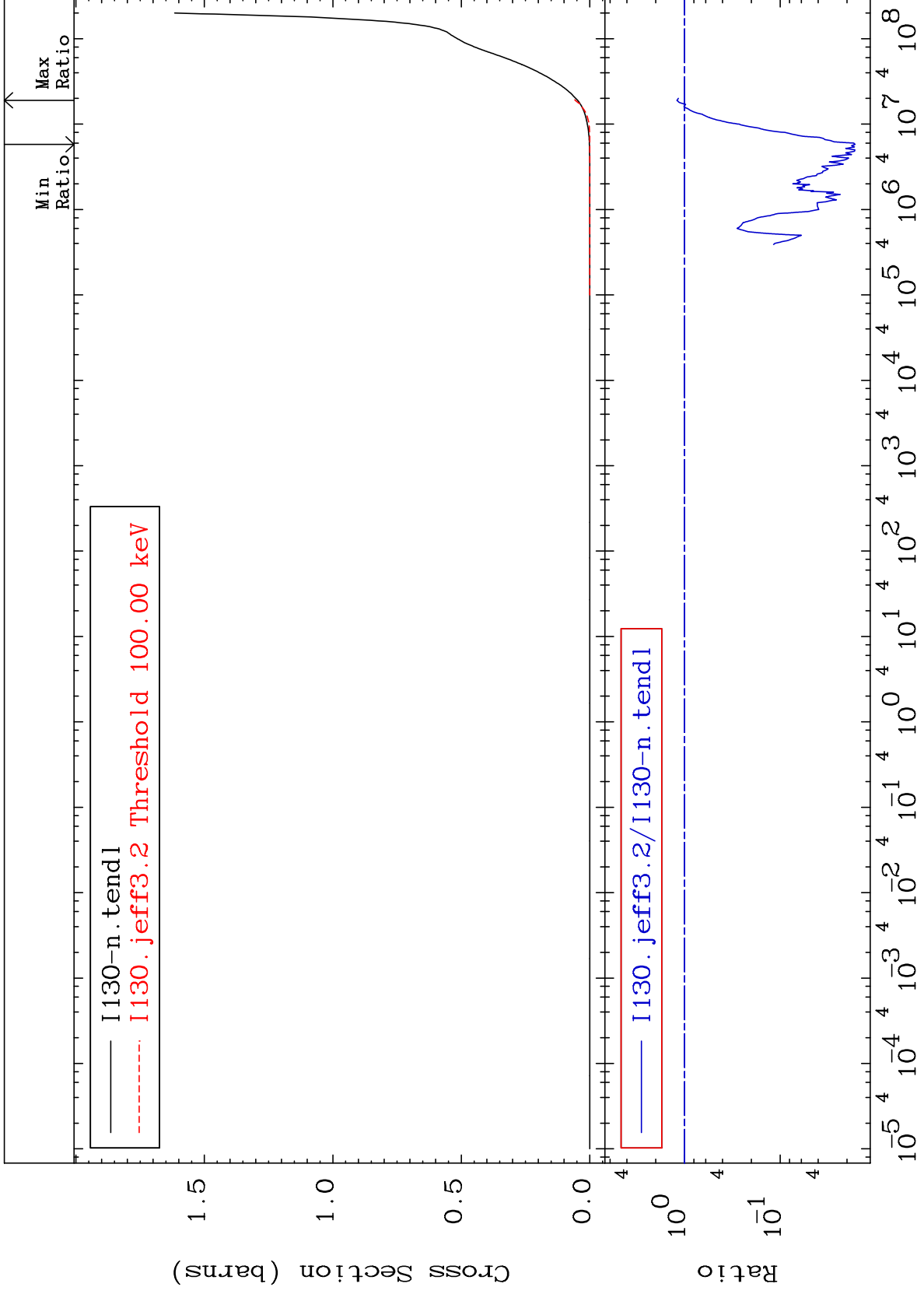
Incident Energy (eV)

53-I -130

MAT 5334

Hydrogen Production
Cross Section

53-I -130
-98.35 To 20.12 %



21

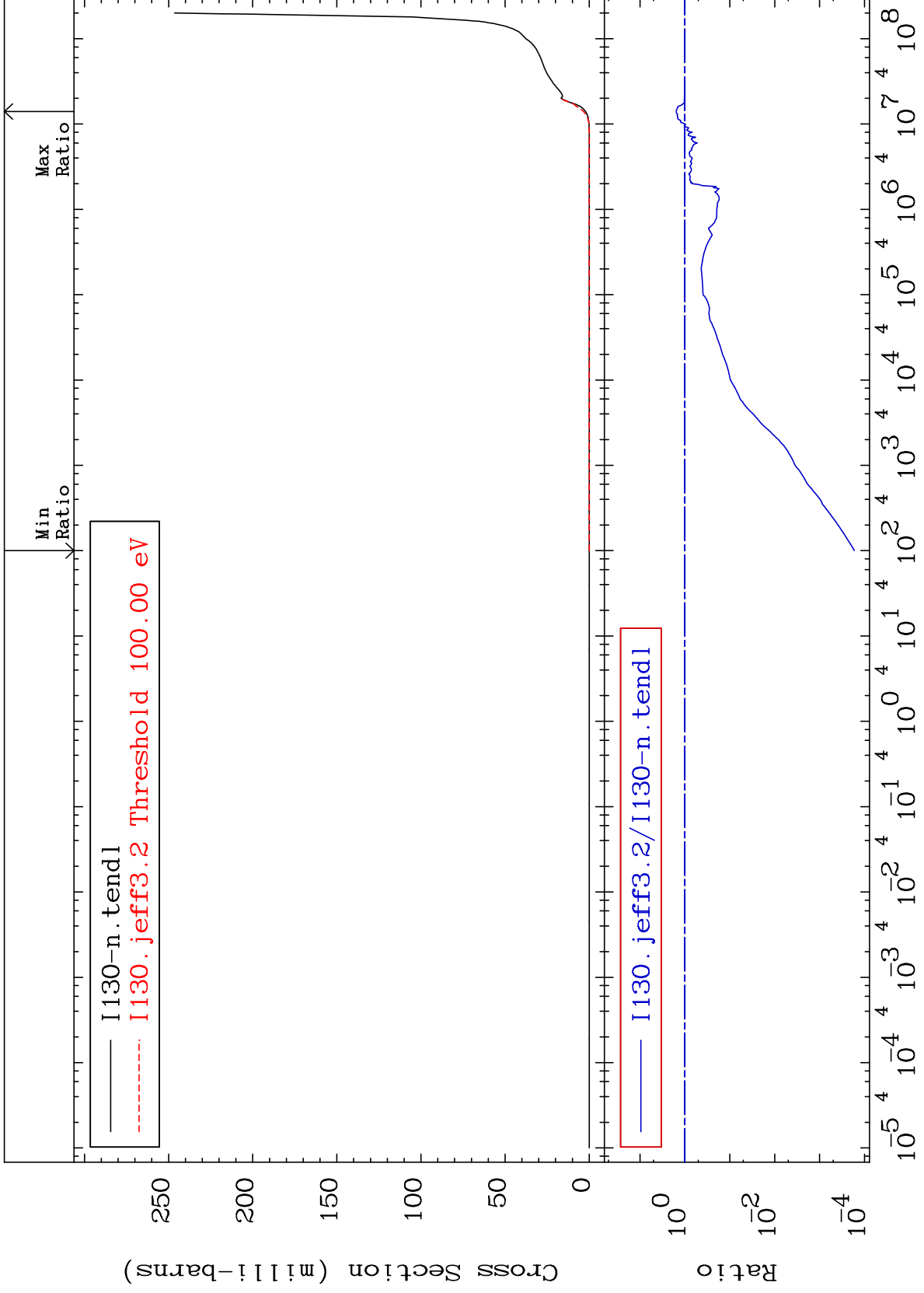
Incident Energy (eV)

53-I -130

MAT 5334

He-4 Production
Cross Section

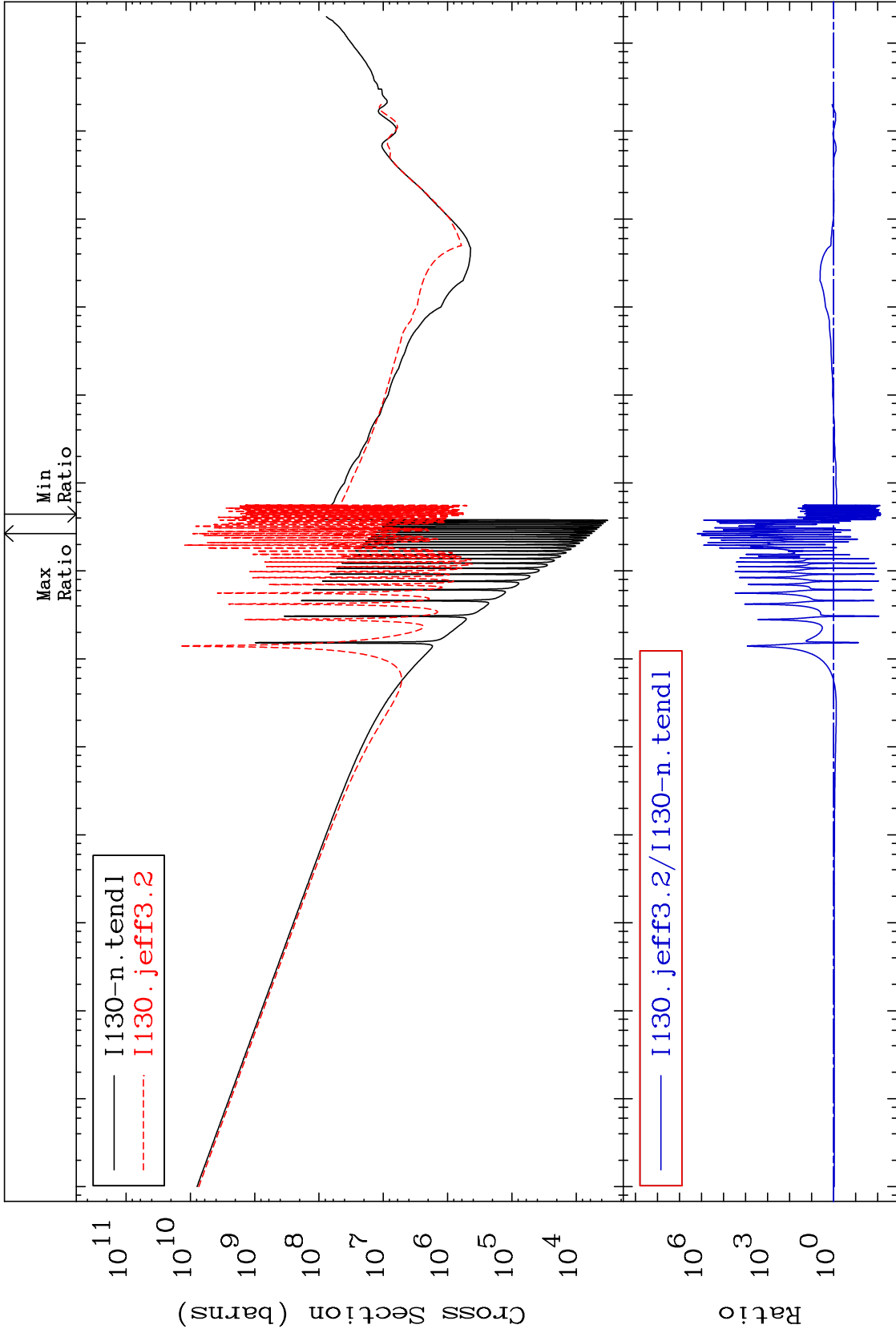
53-I -130
-99.98 To 54.66 %



22

Incident Energy (eV)

53-I -130



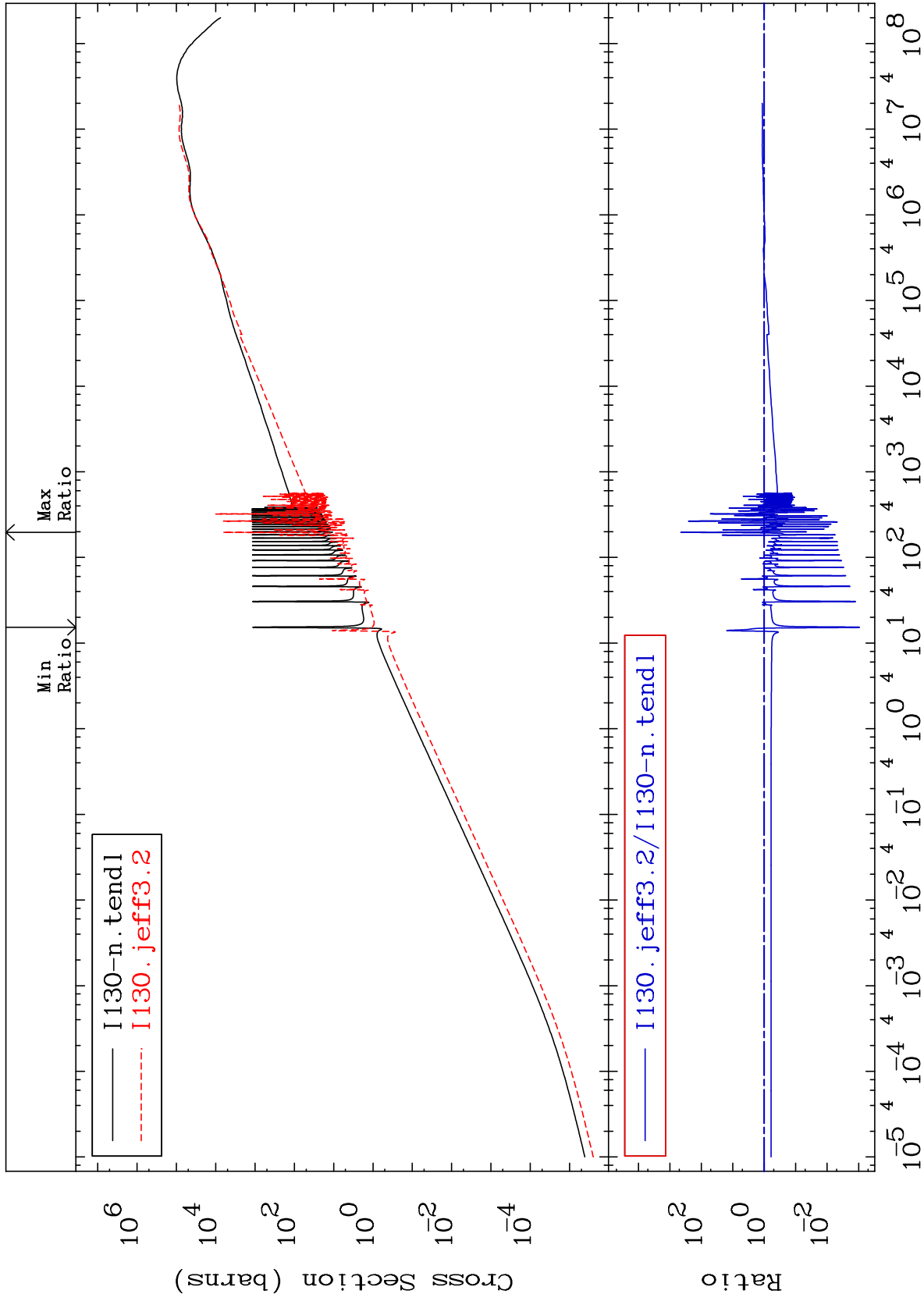
I130-n.tendl
I130.jeff3.2

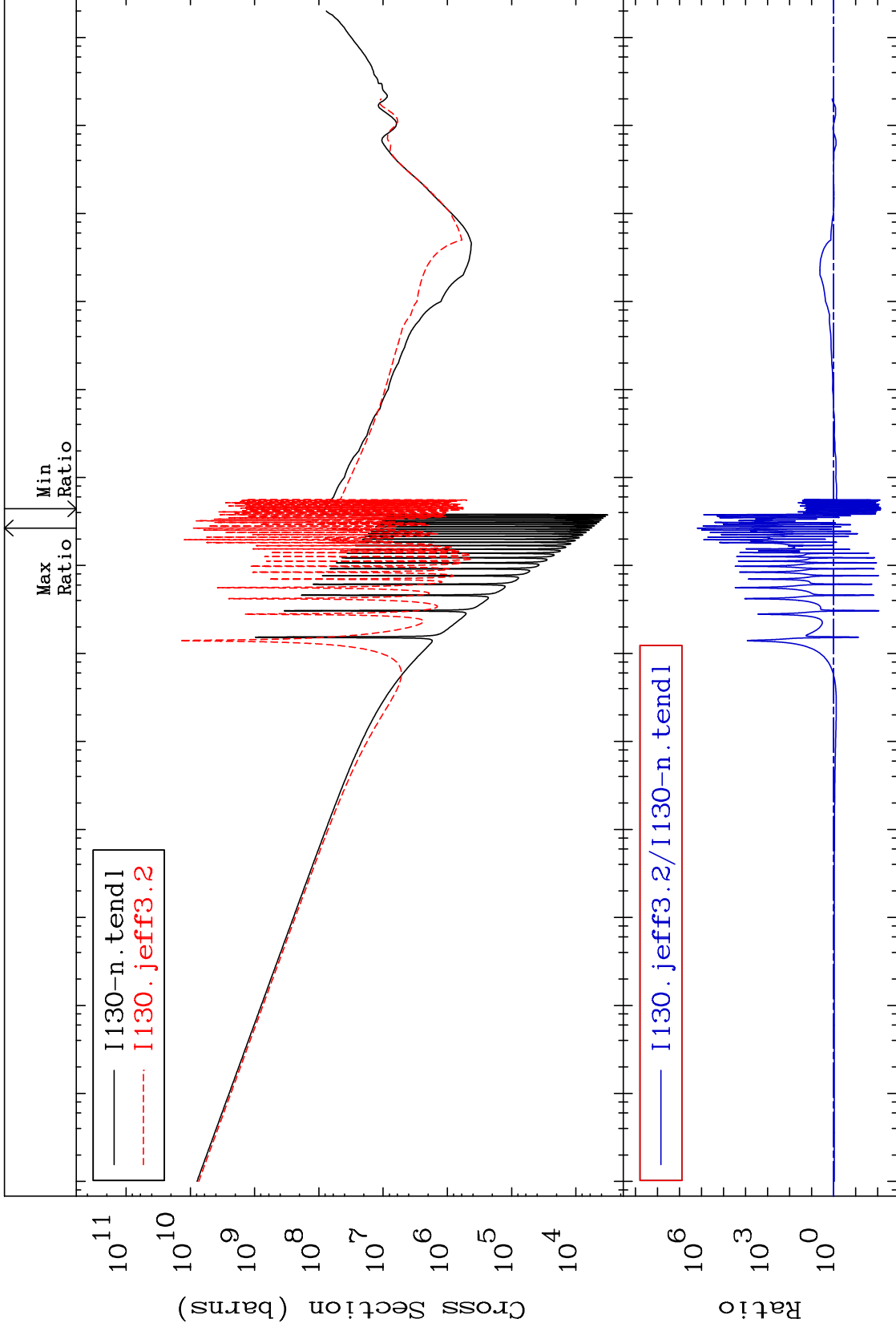
I130.jeff3.2/I130-n.tendl

MAT 5334

Kerma elastic
Cross Section

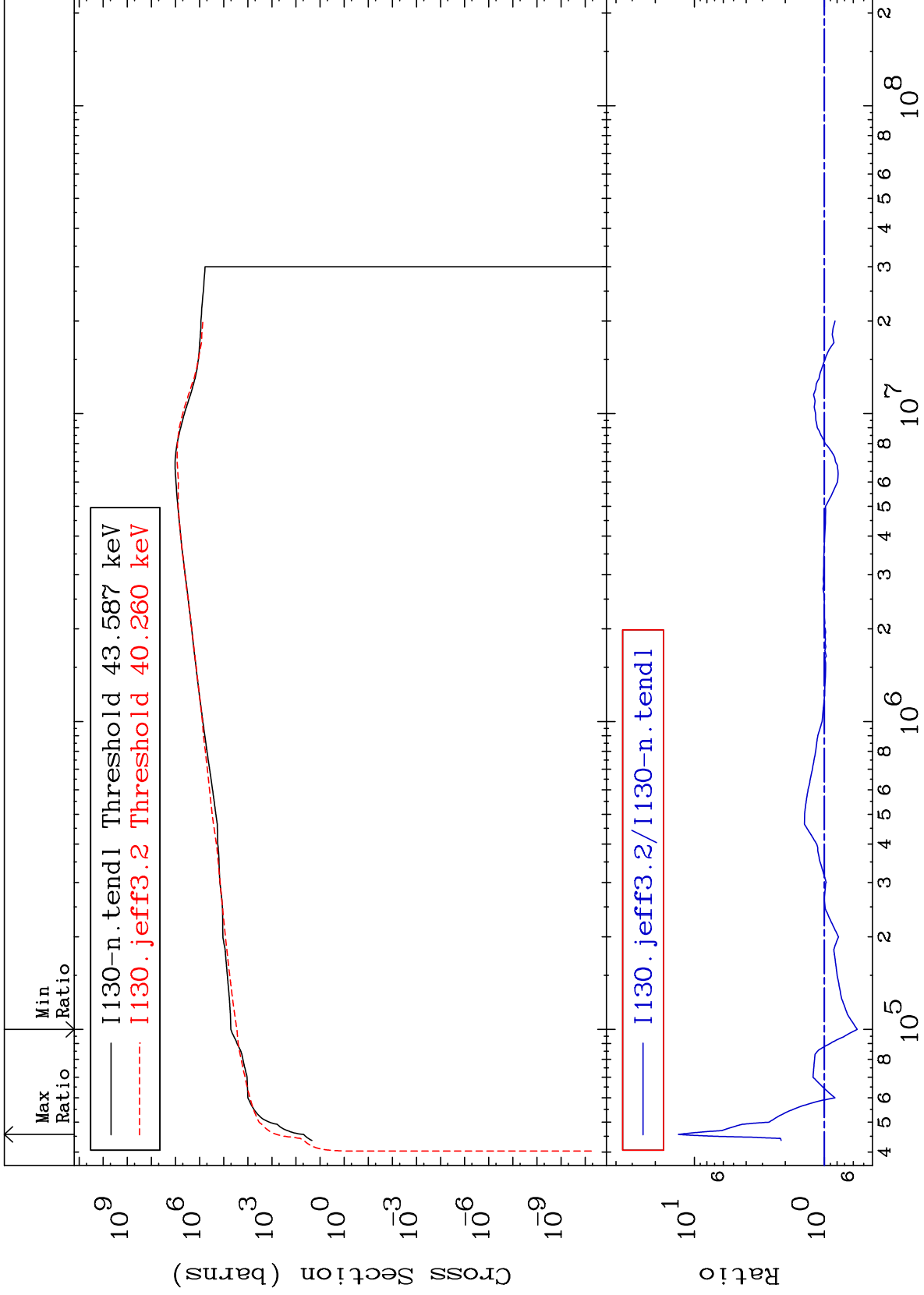
53-I -130
-99.91 To 9999. %

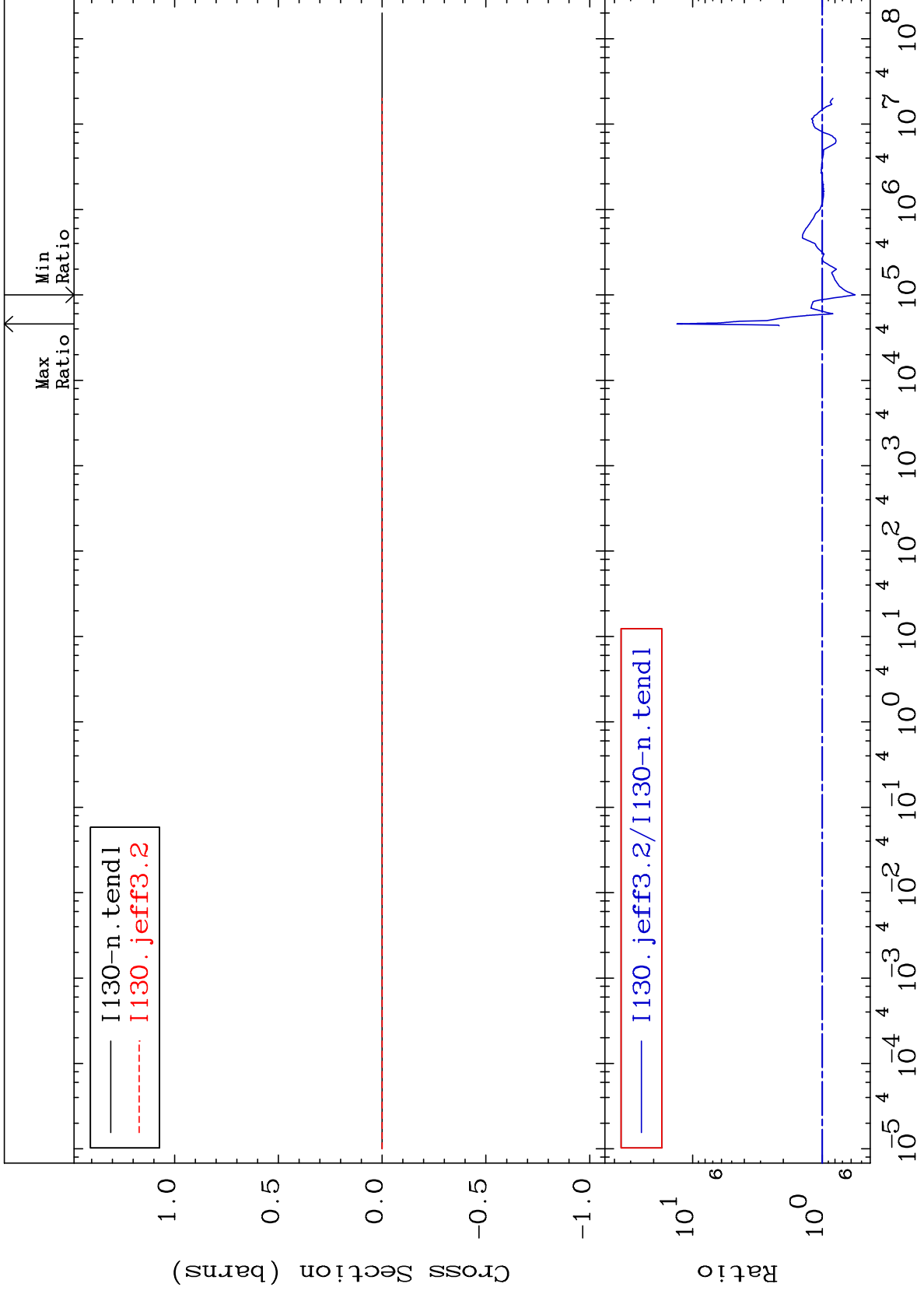


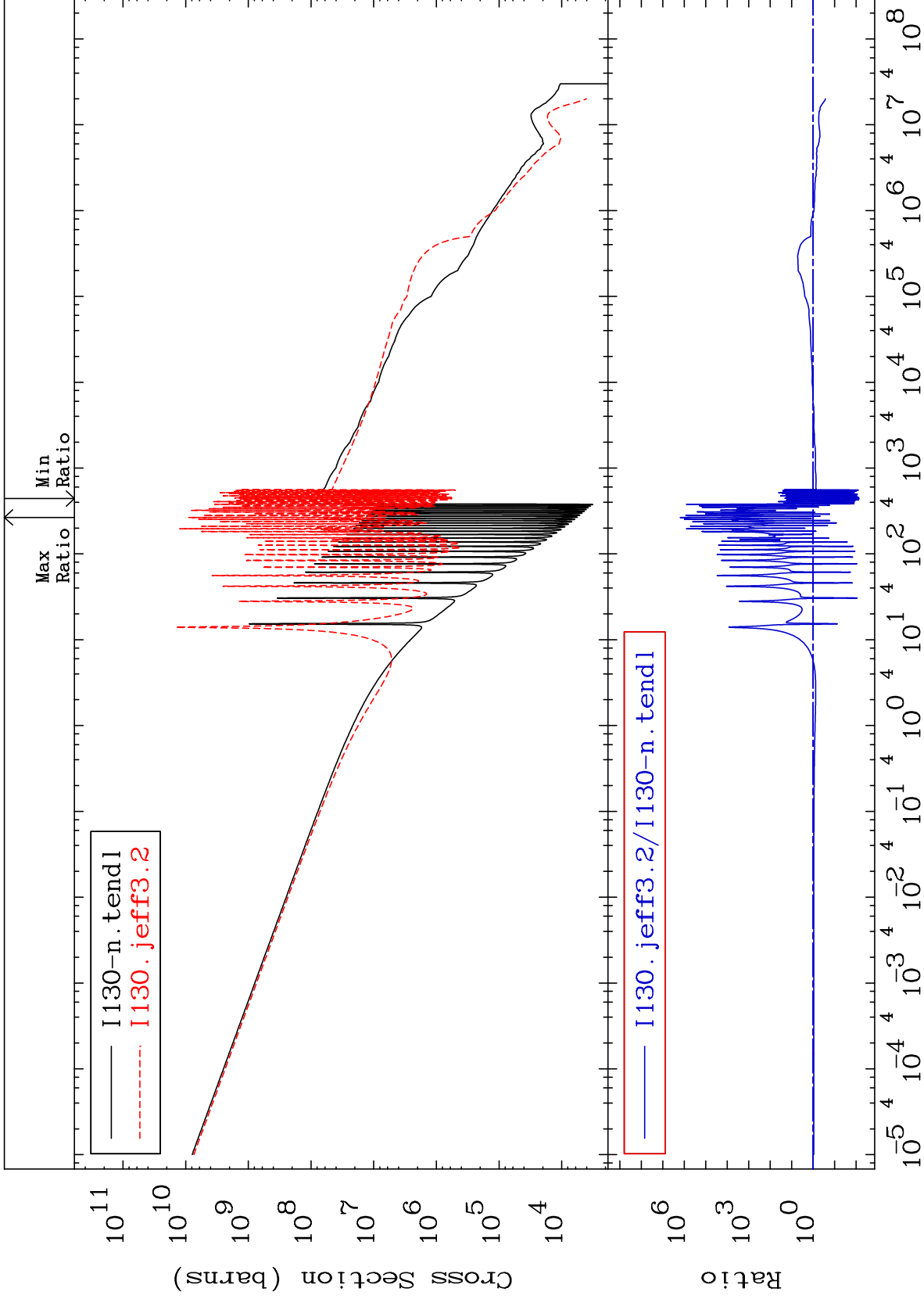


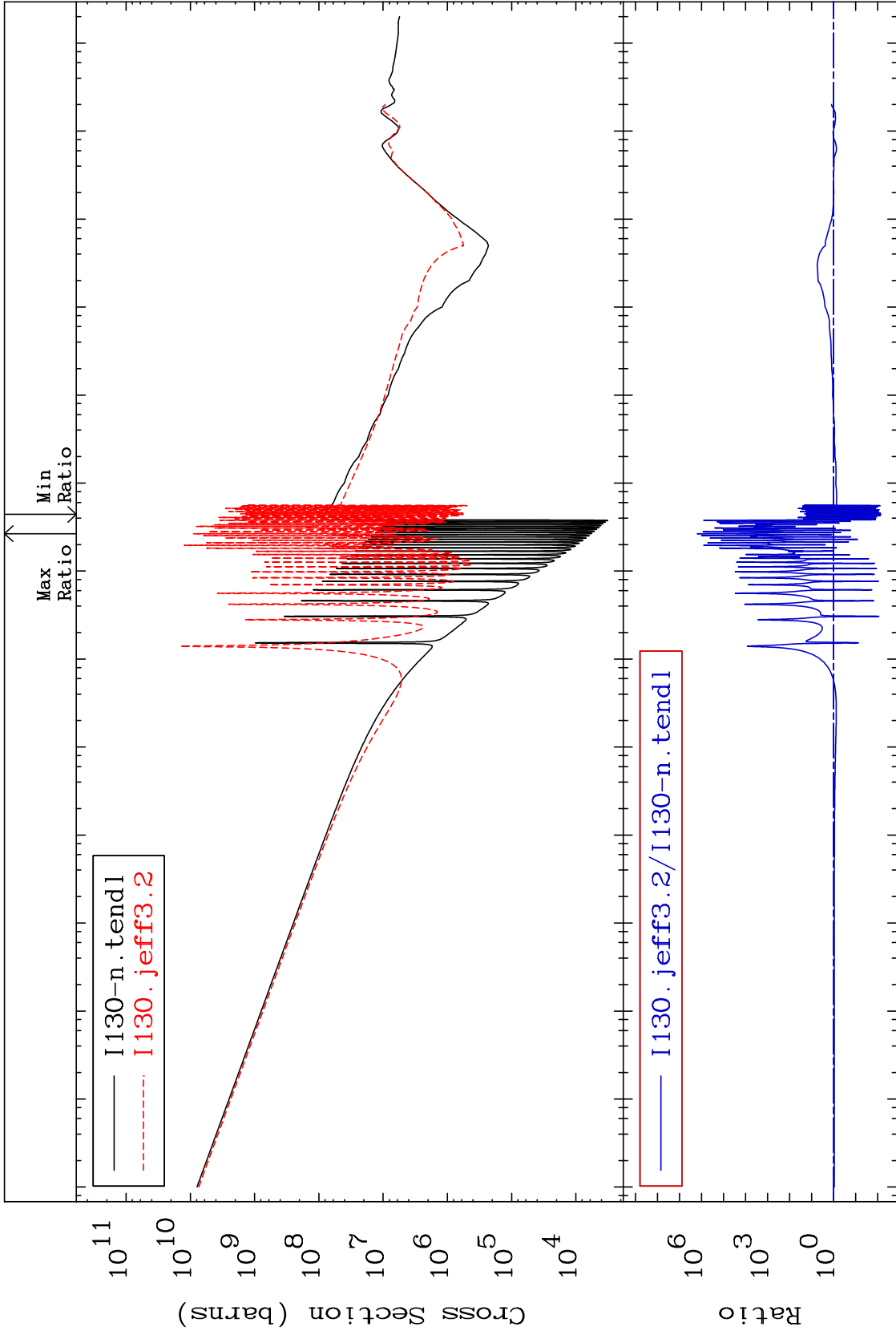
— I130-n.tendl
- - - I130.jeff3.2

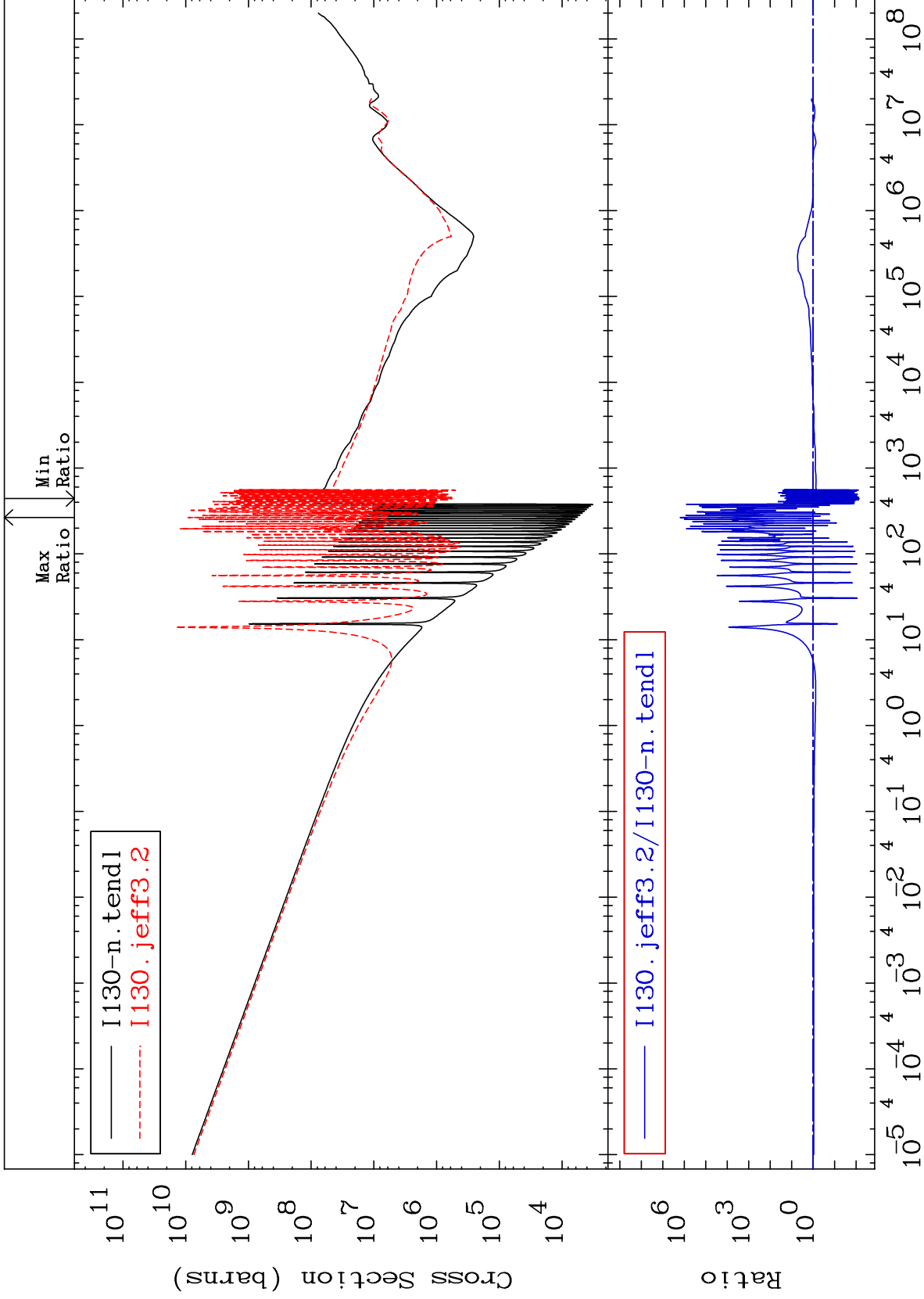
— I130.jeff3.2/I130-n.tendl

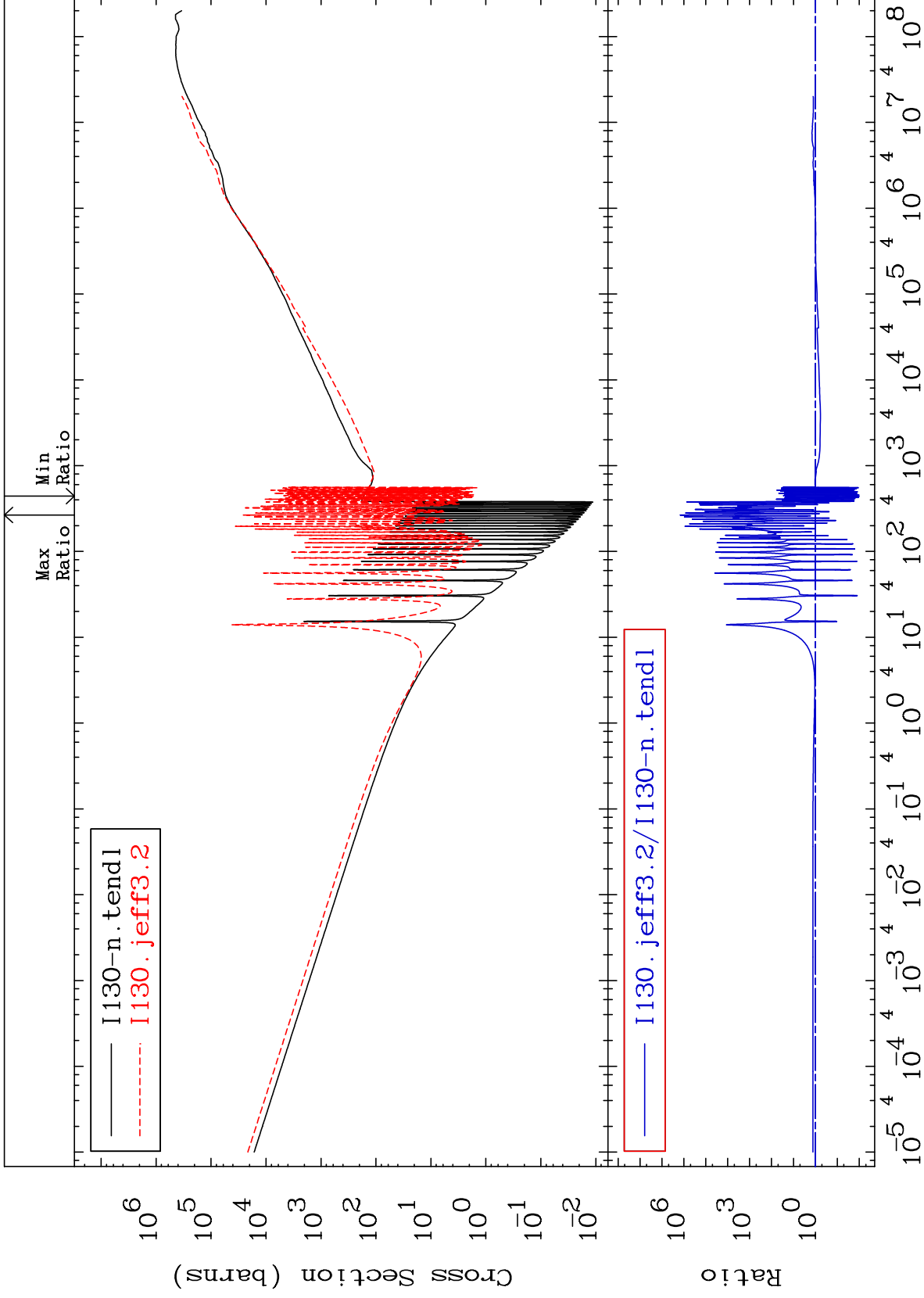








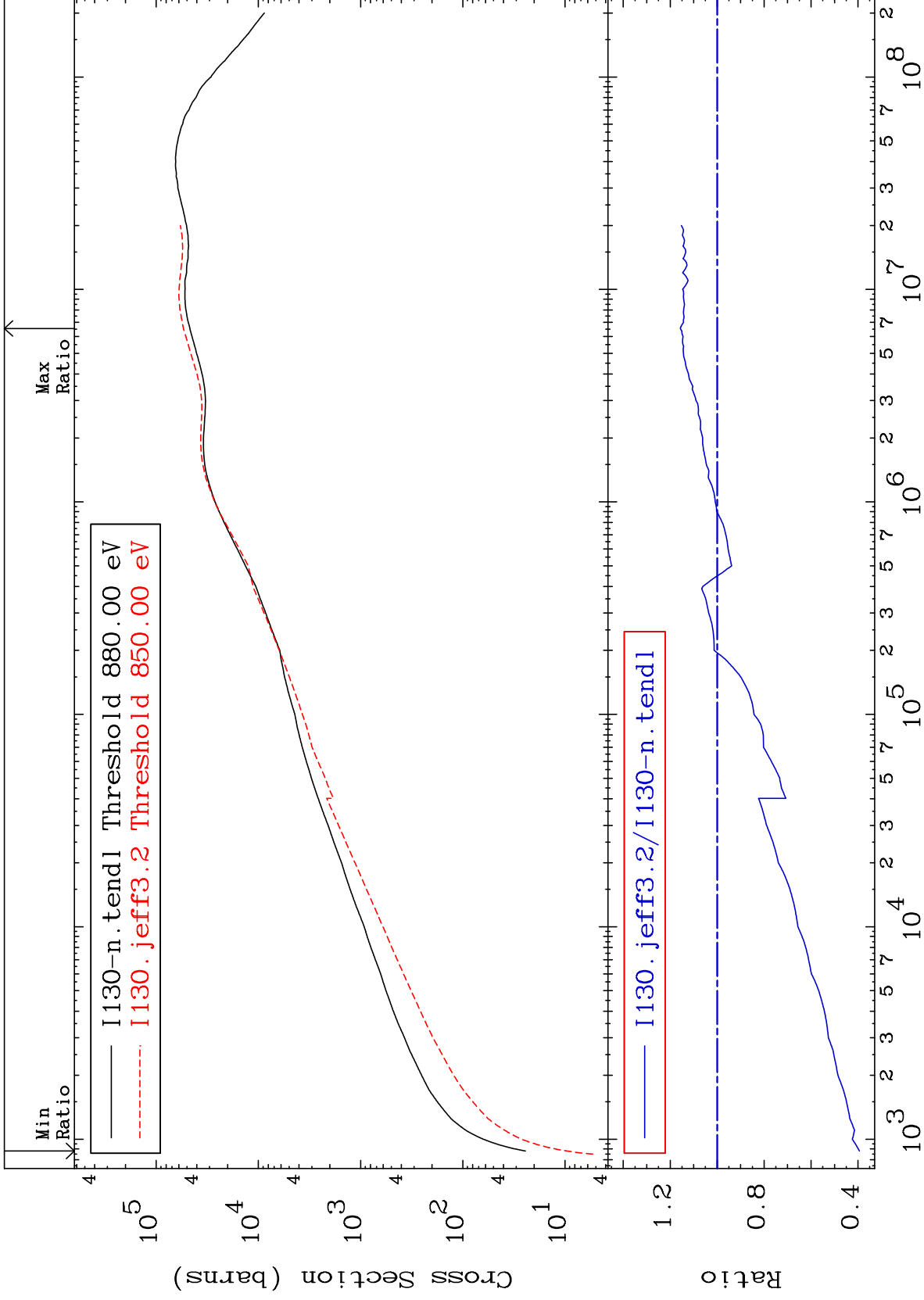




MAT 5334

Dpa elastic (mt2)
Cross Section

53-I -130
-60.61 To 15.68 %



32

Incident Energy (eV)

53-I -130

