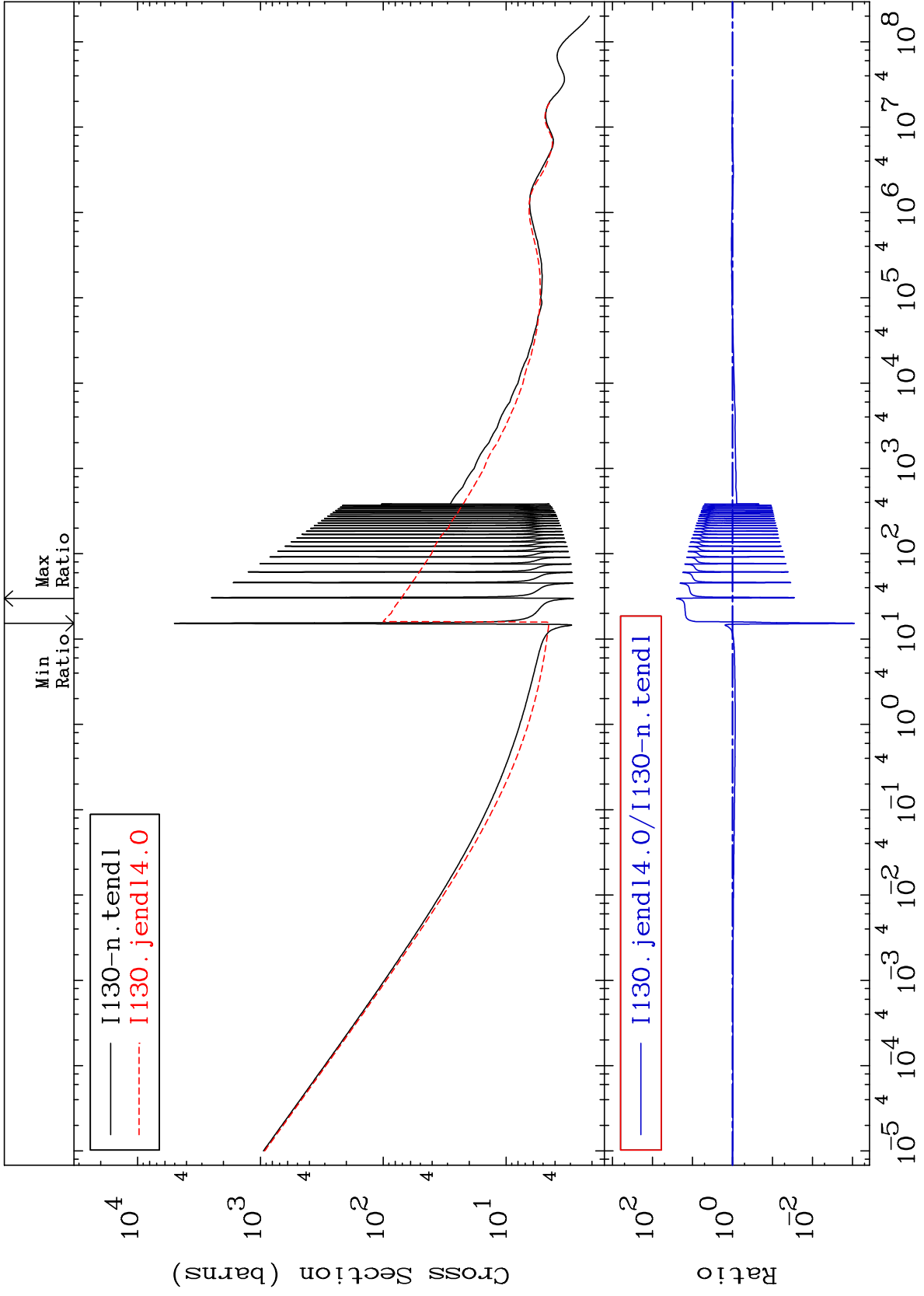


MAT 5334

Total
Cross Section

53-I -130
-99.91 To 2422. %



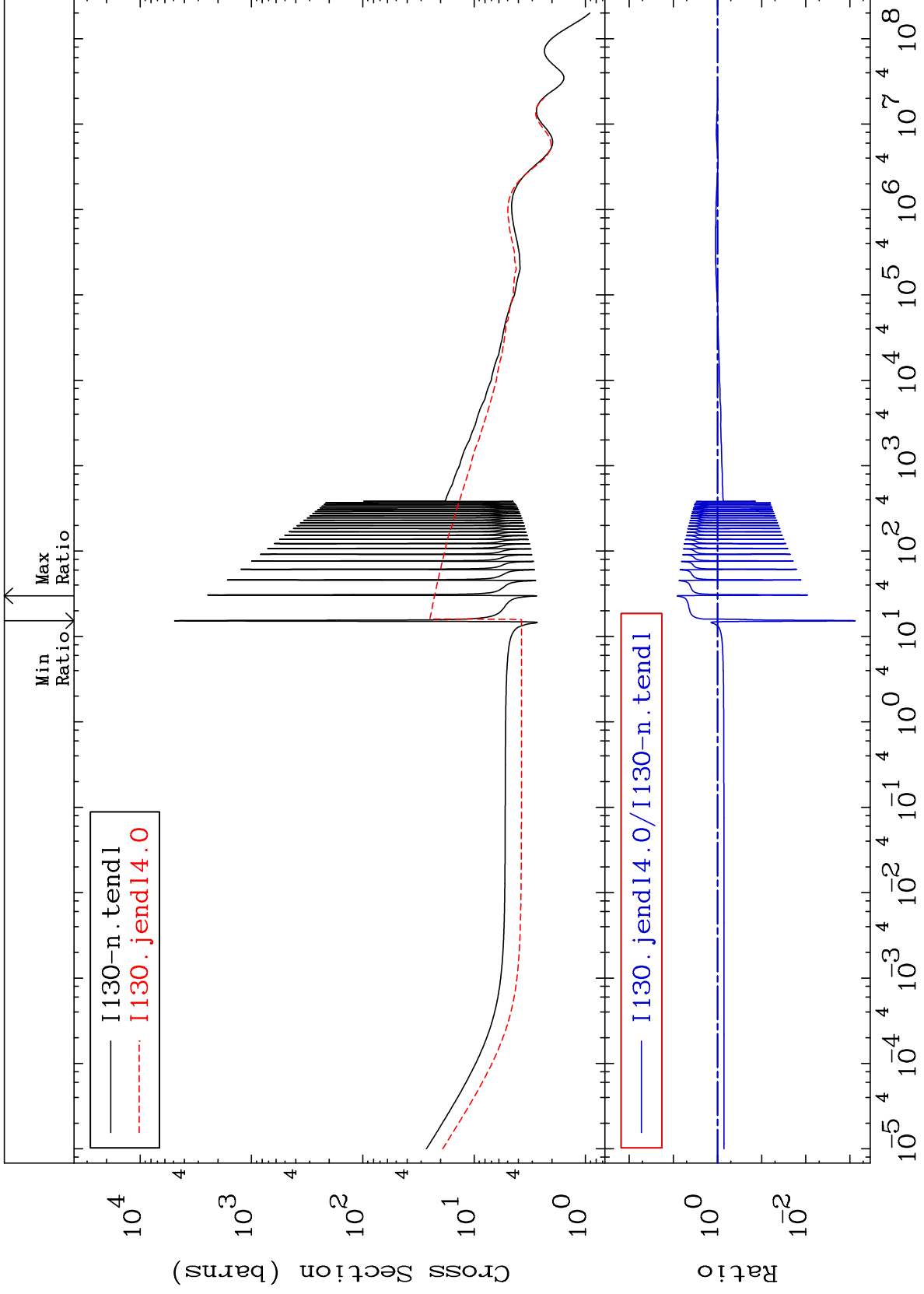
Incident Energy (eV)

53-I -130

MAT 5334

Elastic
Cross Section

53-I -130
-99.92 To 726.7 %



2

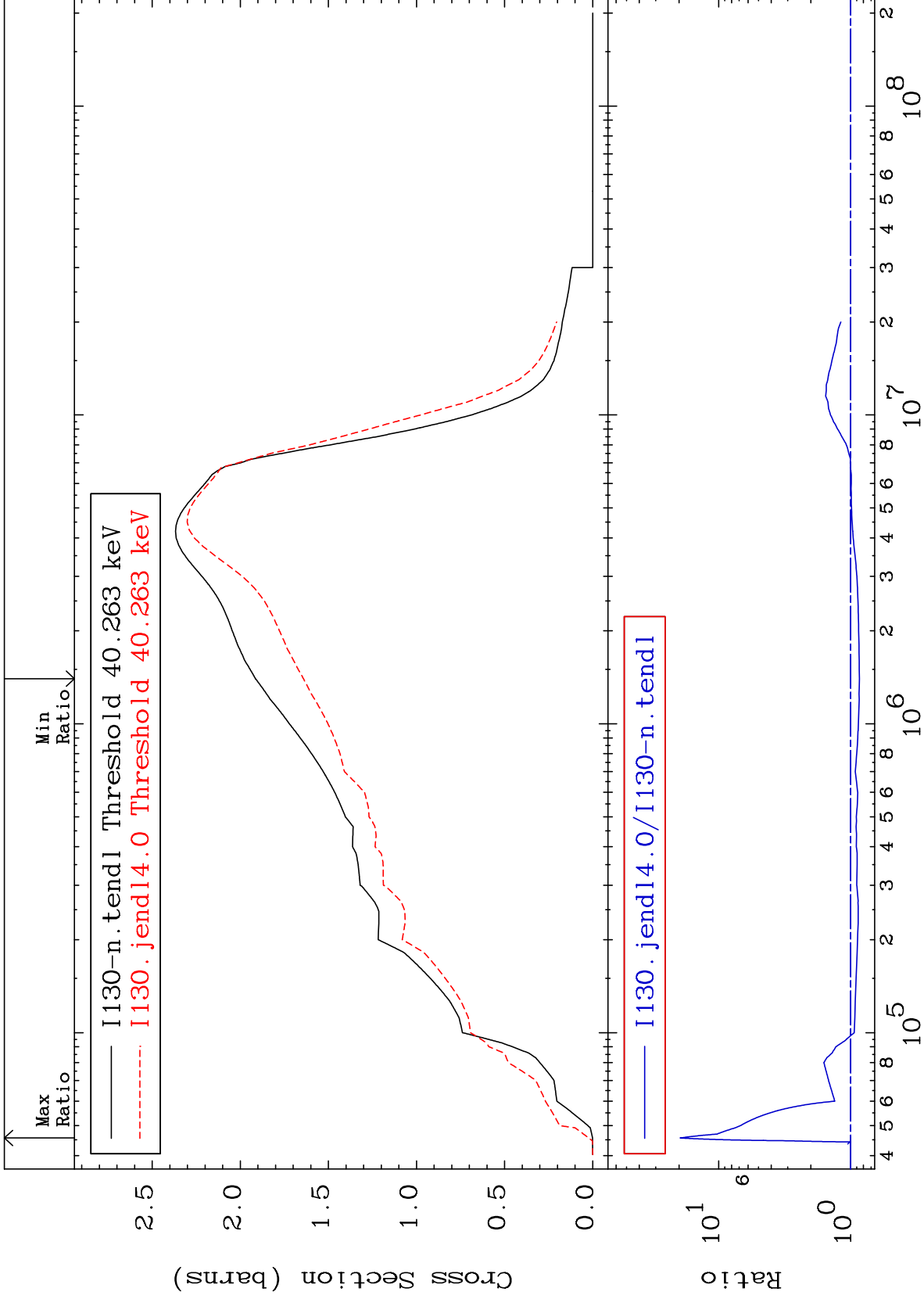
Incident Energy (eV)

53-I -130

MAT 5334

Inelastic
Cross Section

53-I -130
-14.22 To 1854. %



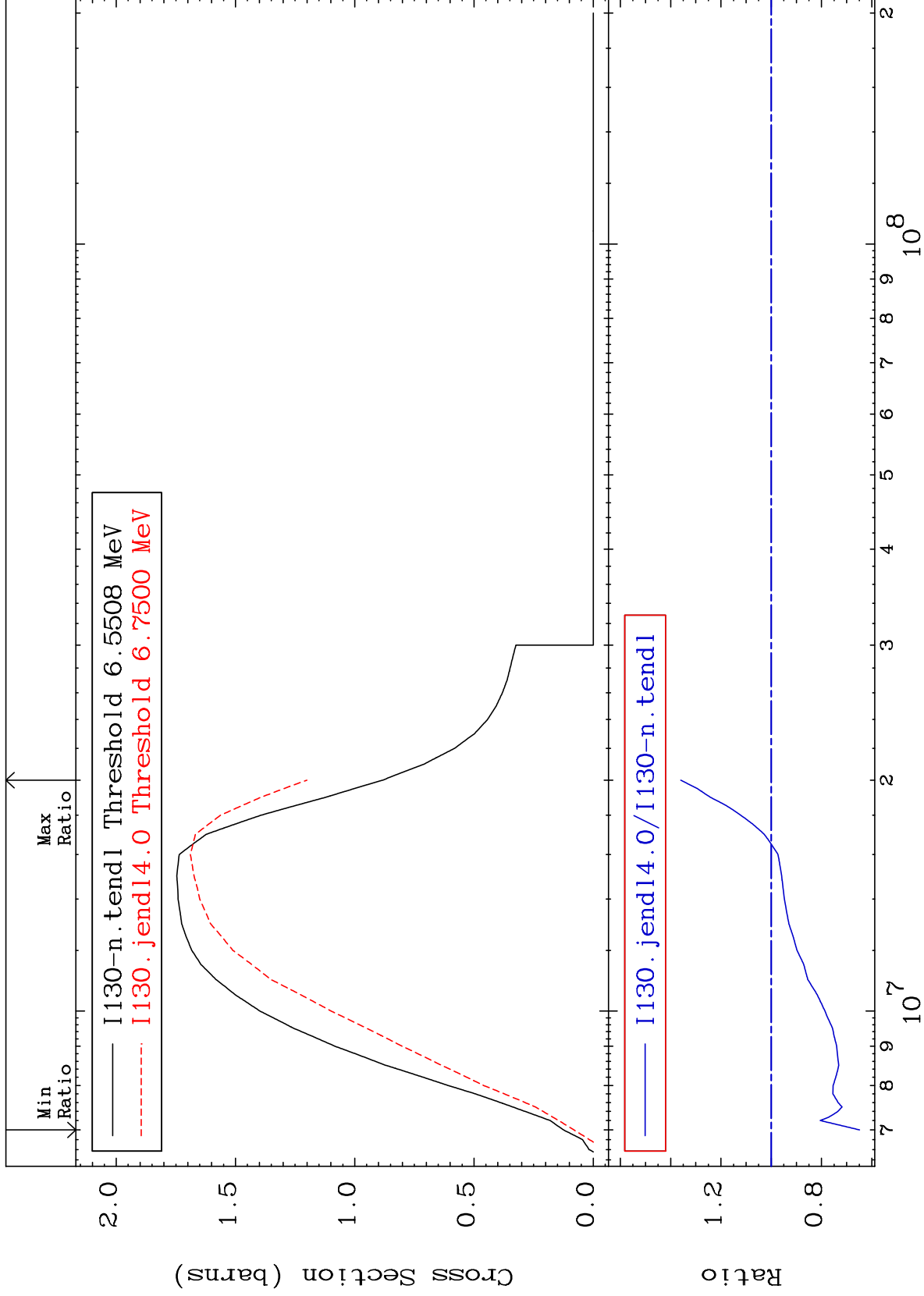
MAT 5334

(n,2n)

53-I -130

Cross Section

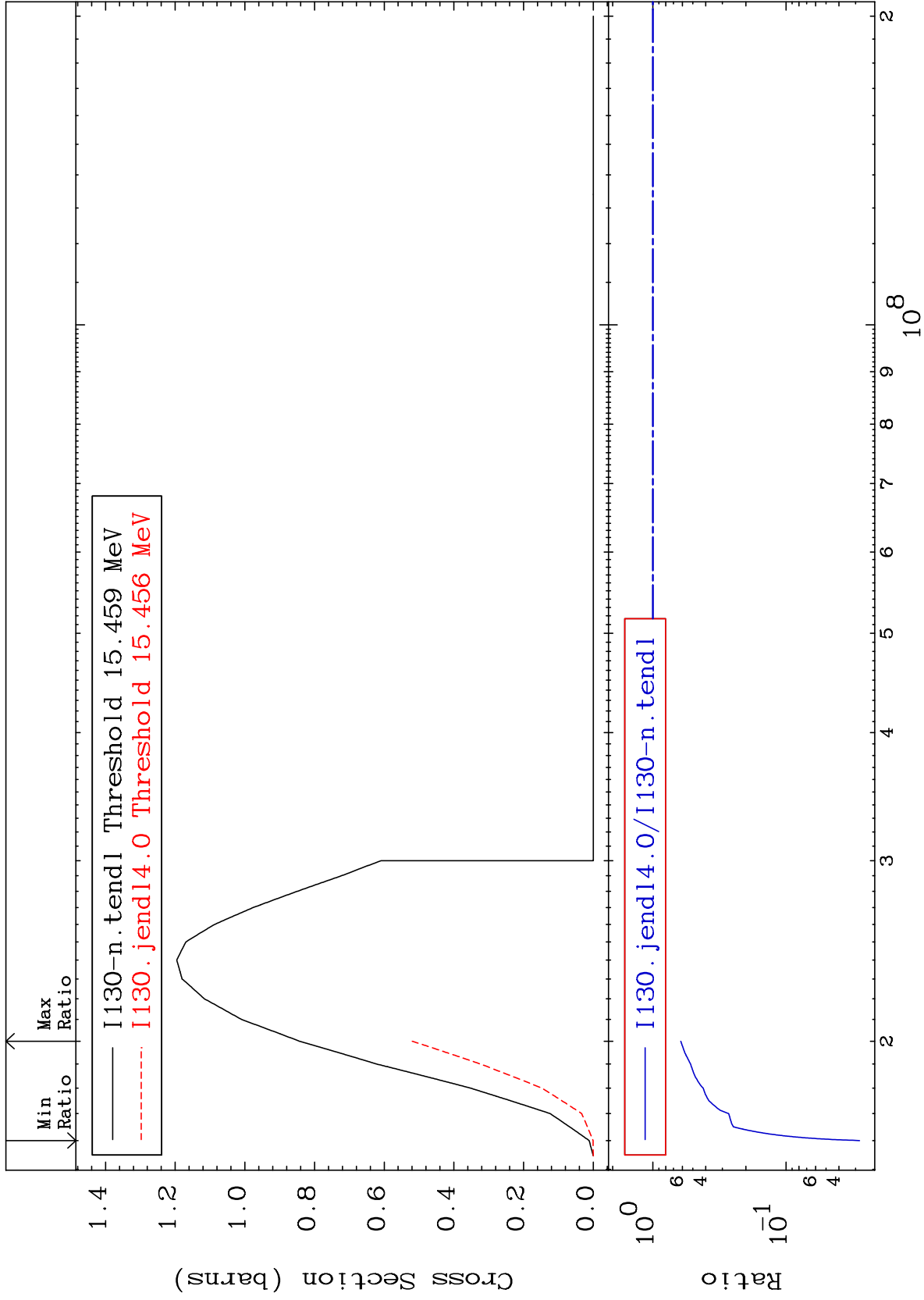
-35.11 To 35.98 %



4

Incident Energy (eV)

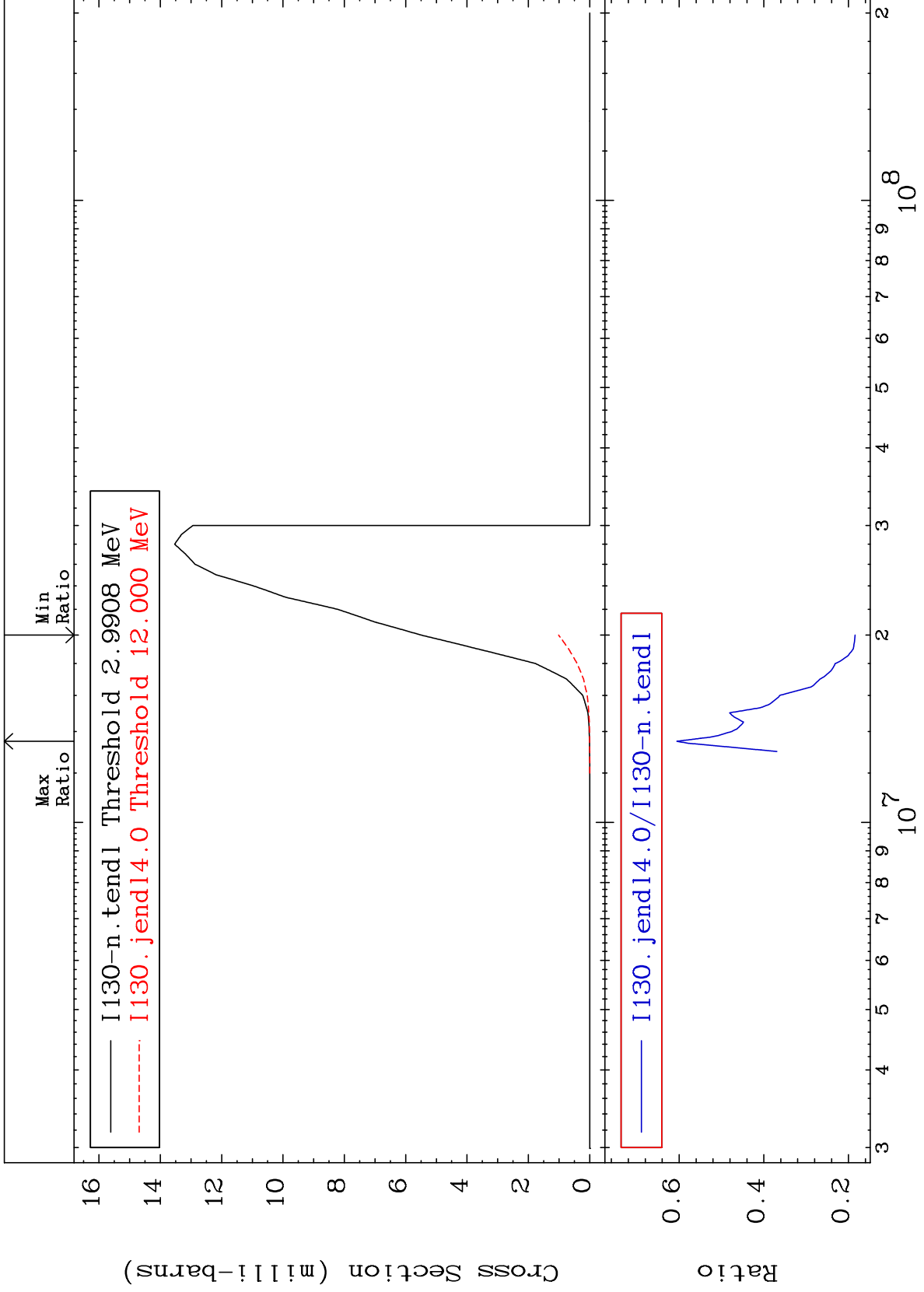
53-I -130



MAT 5334

(n,n') α
Cross Section

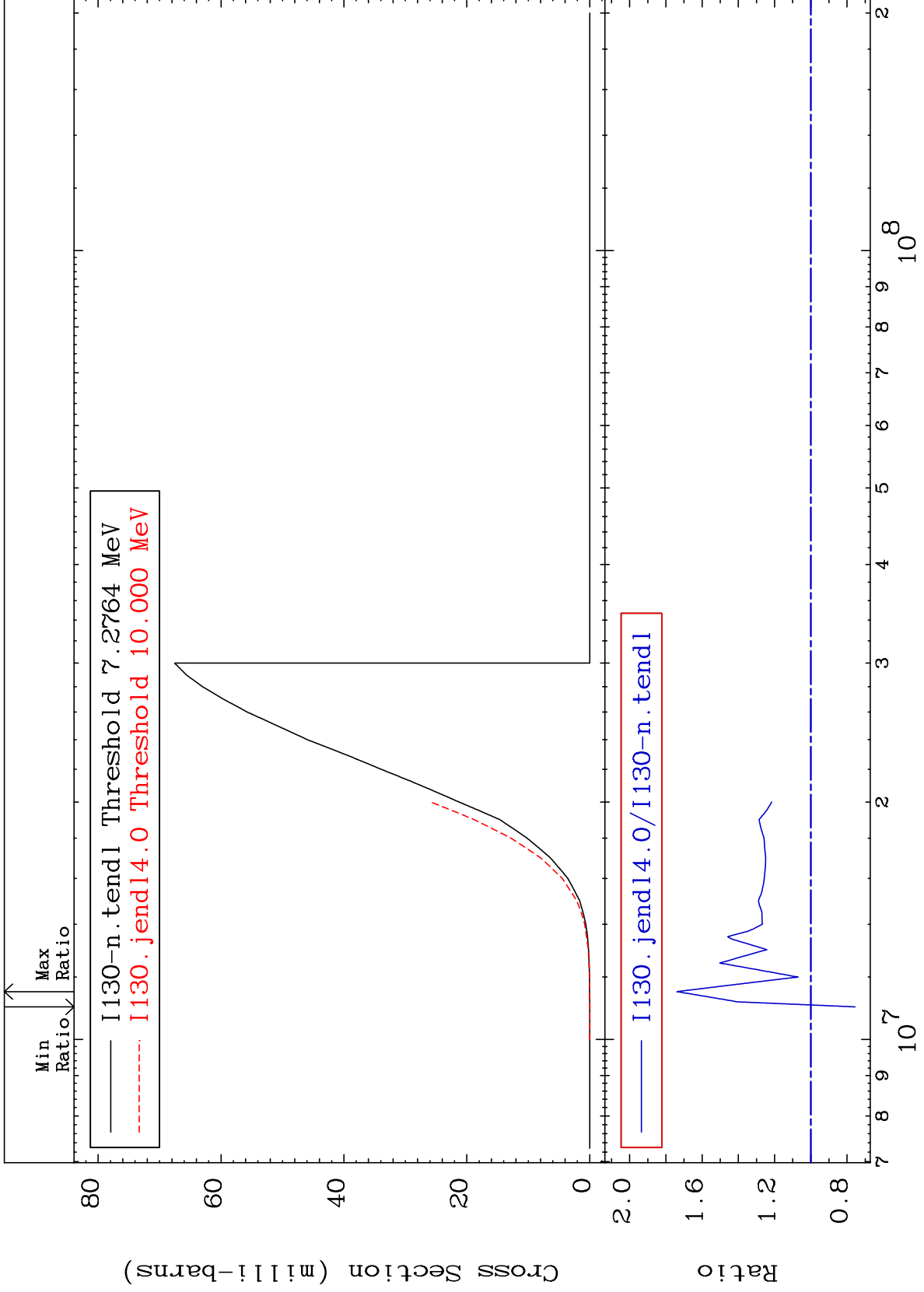
53-I -130
-81.55 To -39.48%



MAT 5334

(n,n') p
Cross Section

53-I -130
-24.45 To 73.89 %



7

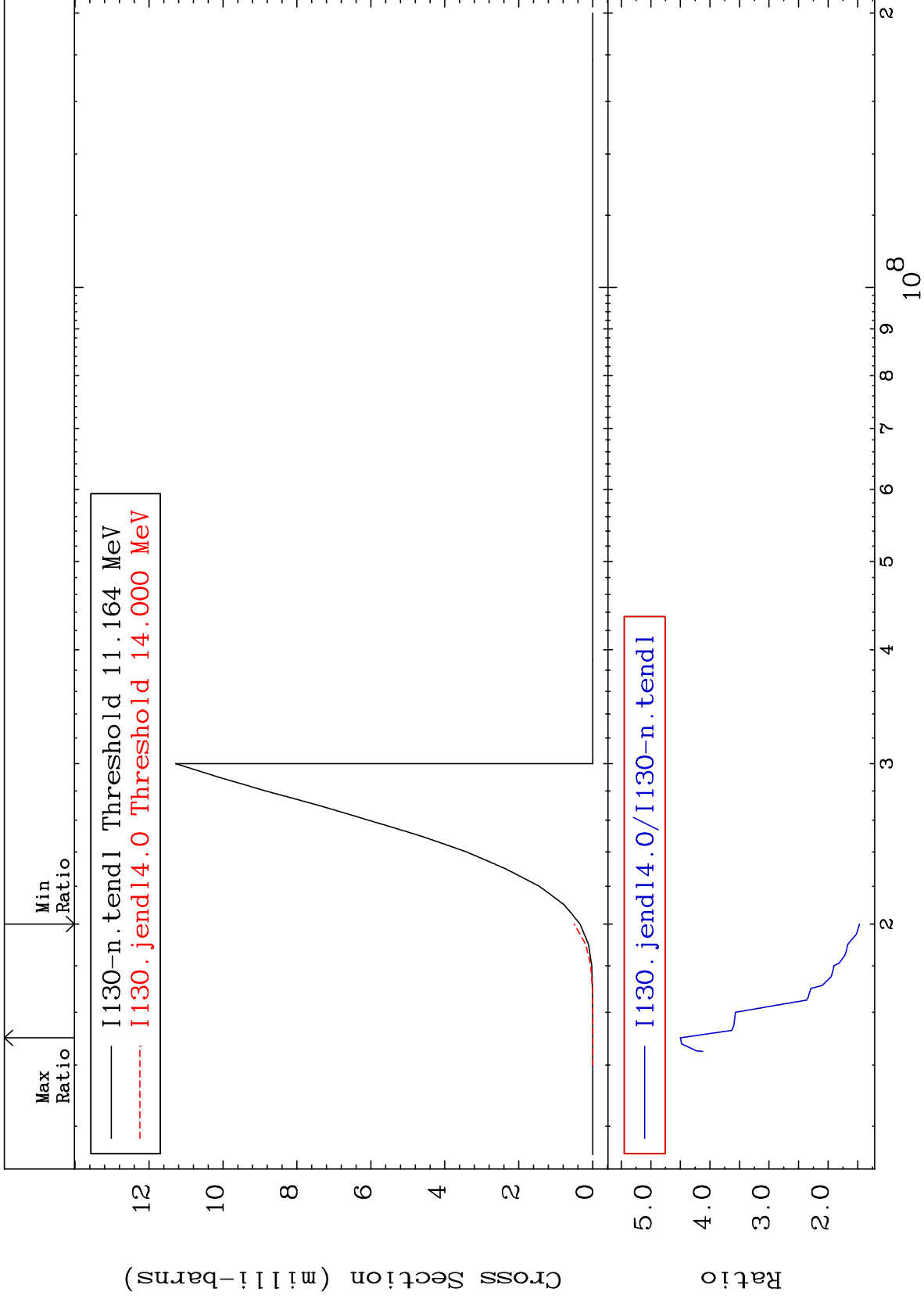
Incident Energy (eV)

53-I -130

MAT 5334

(n,n') d
Cross Section

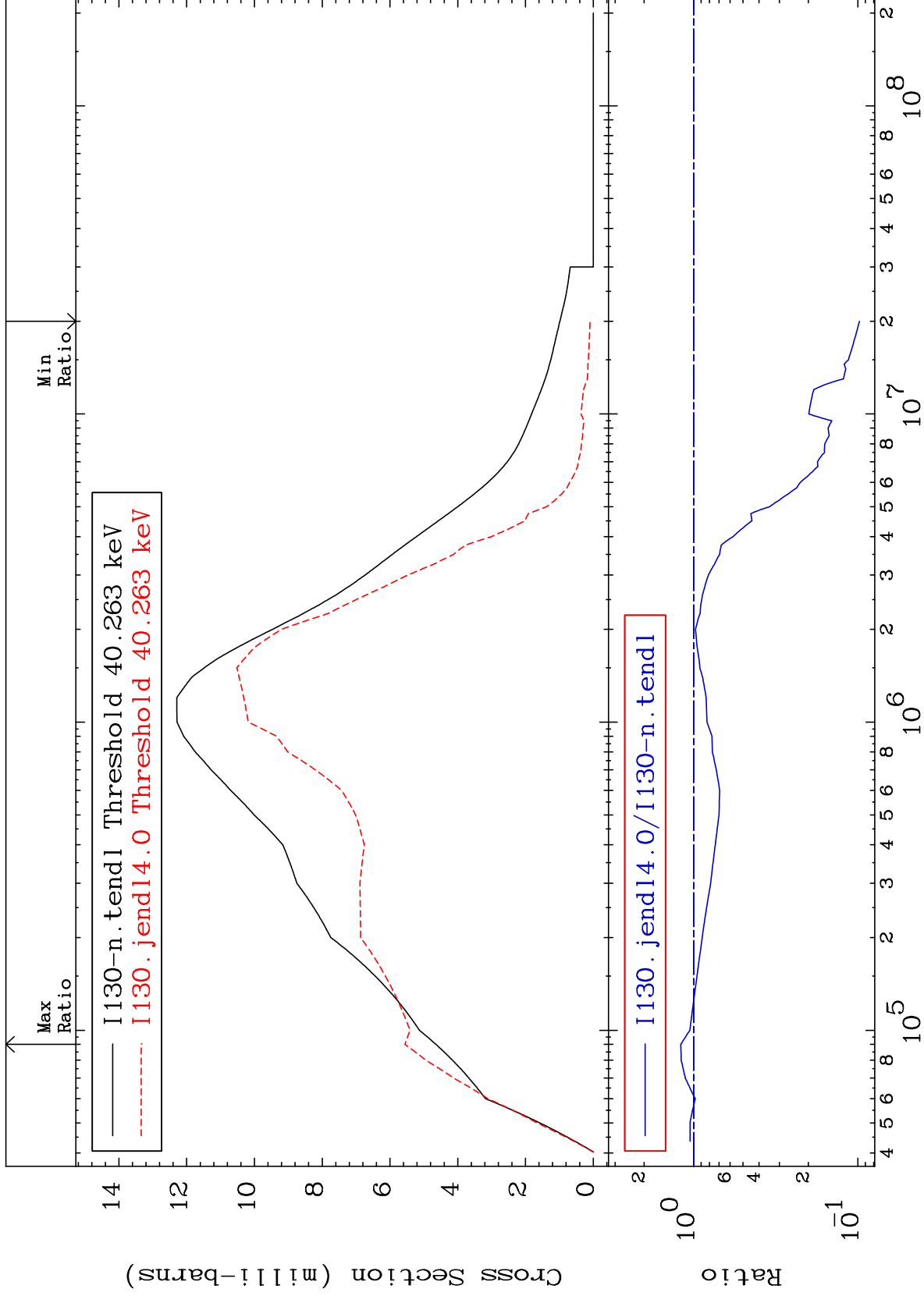
53-I -130
47.06 To 350.0 %



MAT 5334

39.95 keV (n,n') Level
Cross Section

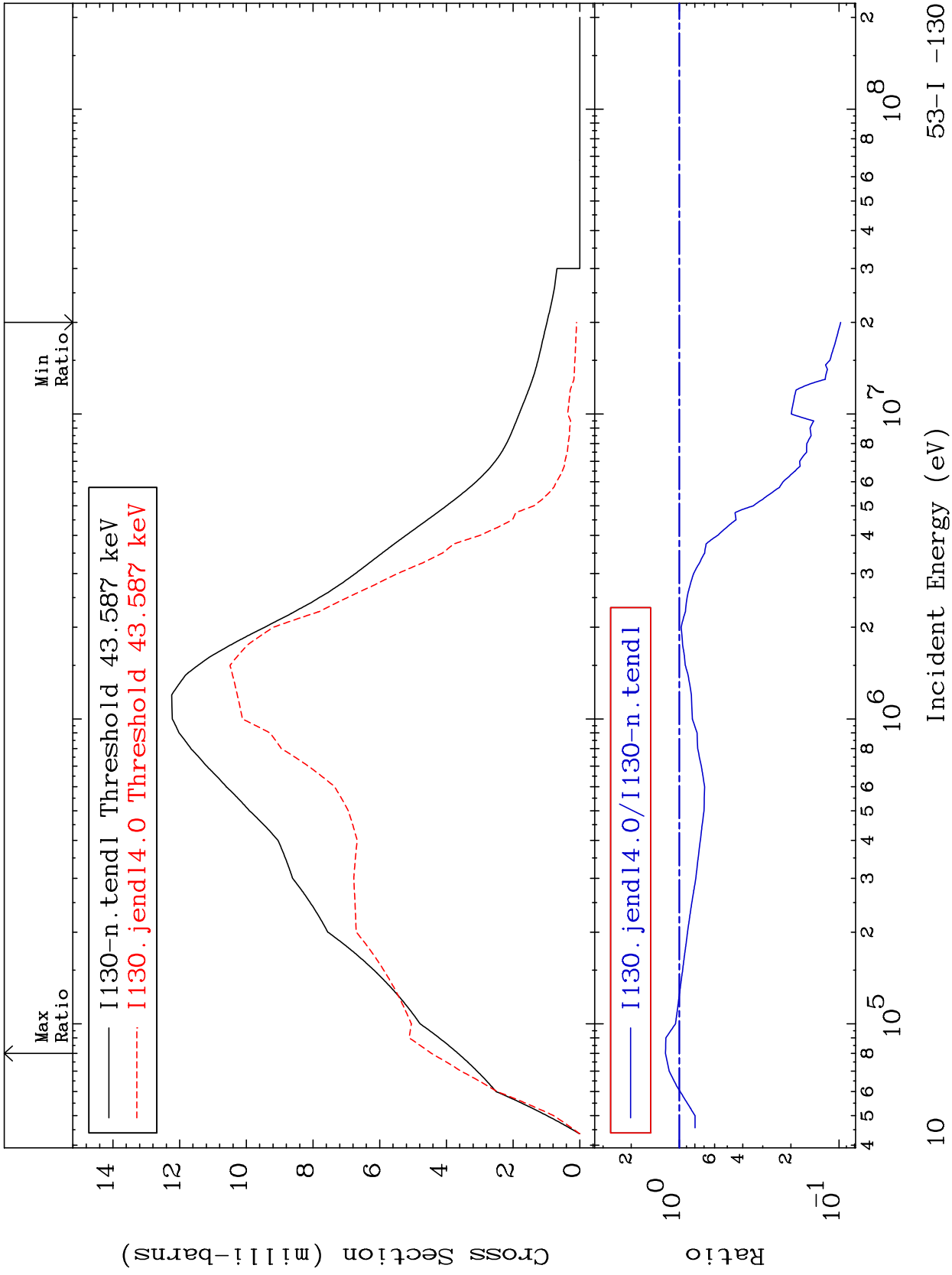
53-I -130
-90.23 To 19.70 %



MAT 5334

43.25 keV (n,n') Level
Cross Section

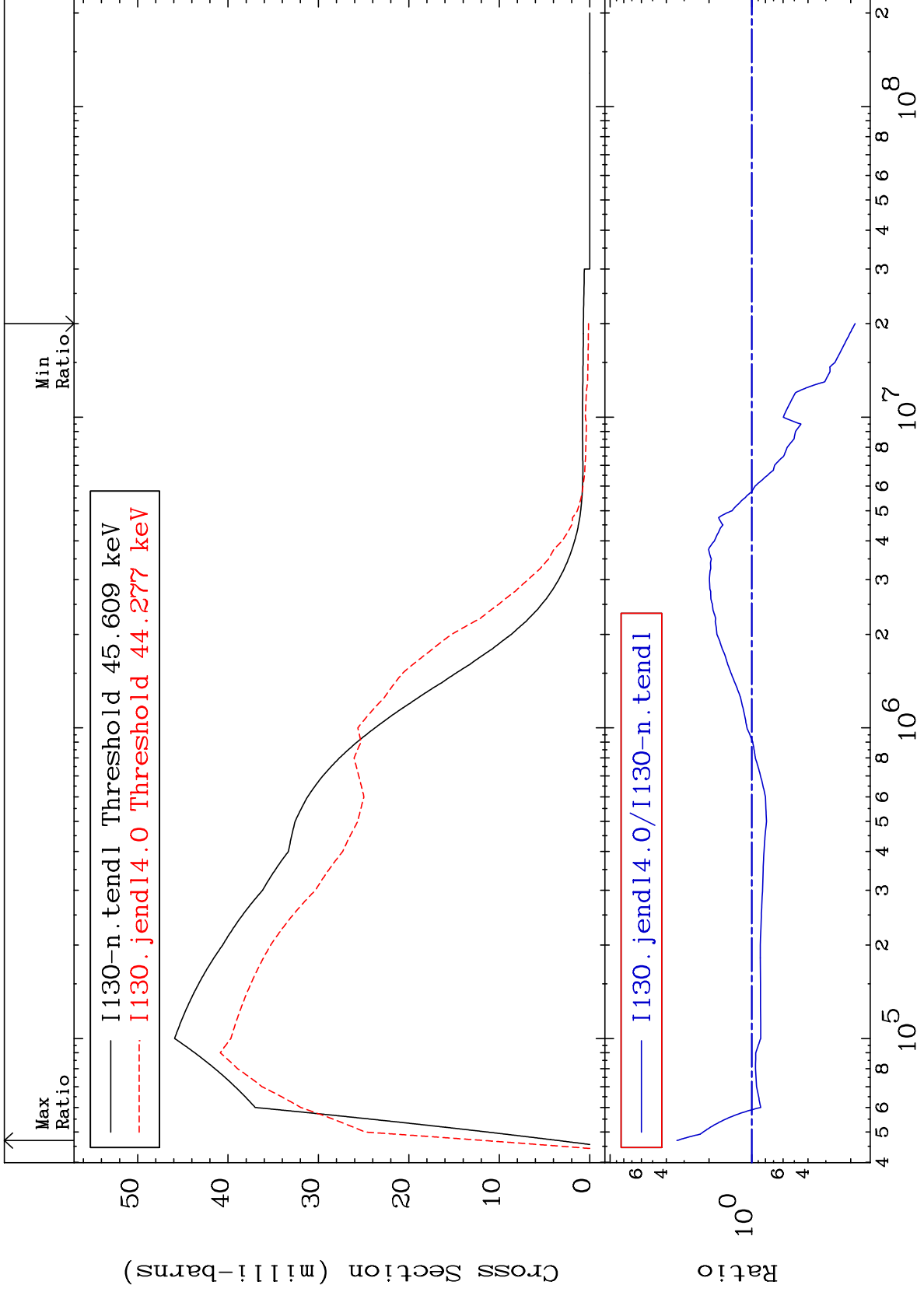
53-I -130
-90.23 To 21.90 %



MAT 5334

45.26 keV (n,n') Level
Cross Section

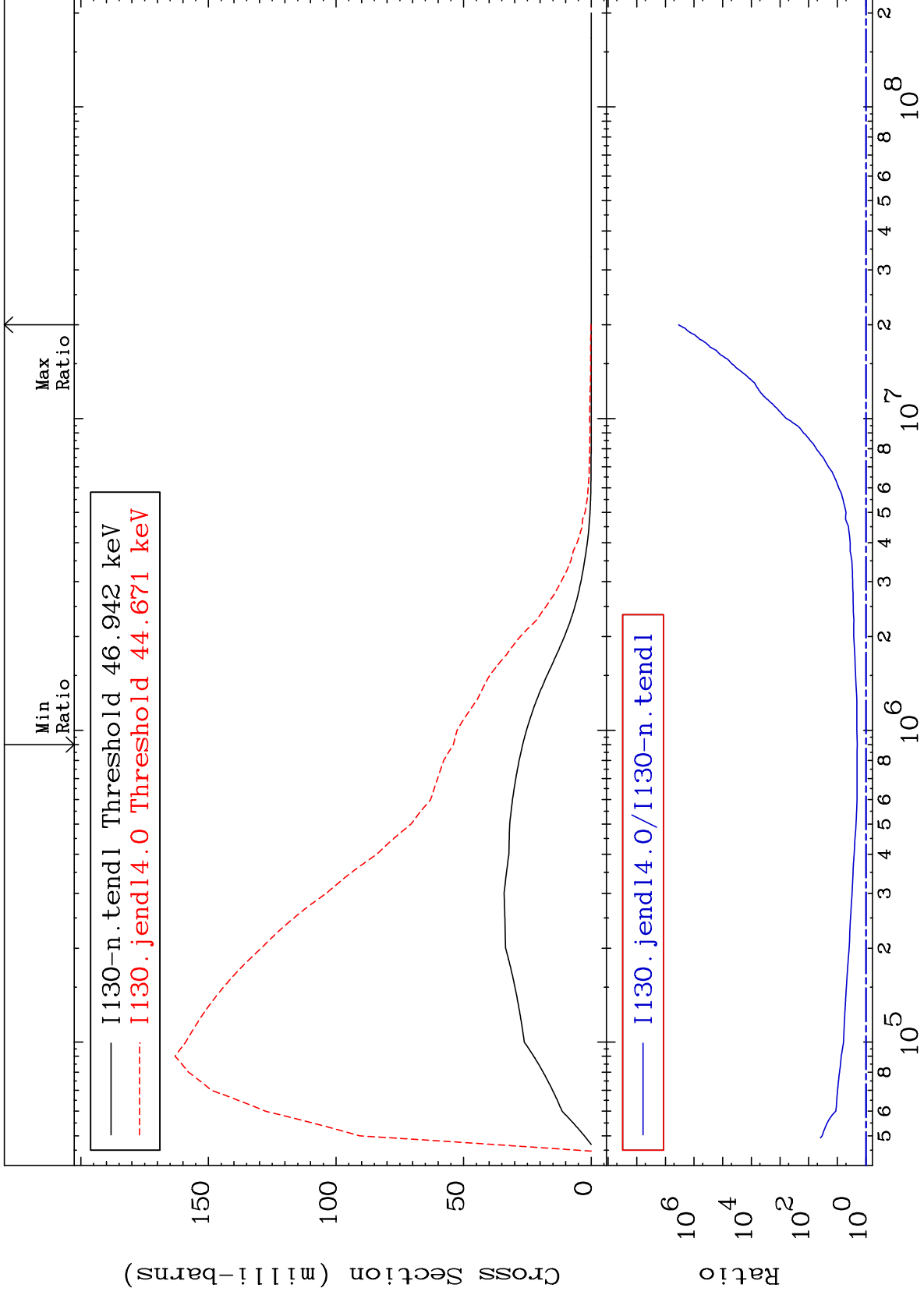
53-I -130
-81.38 To 237.1 %



MAT 5334

46.58 keV (n,n') Level
Cross Section

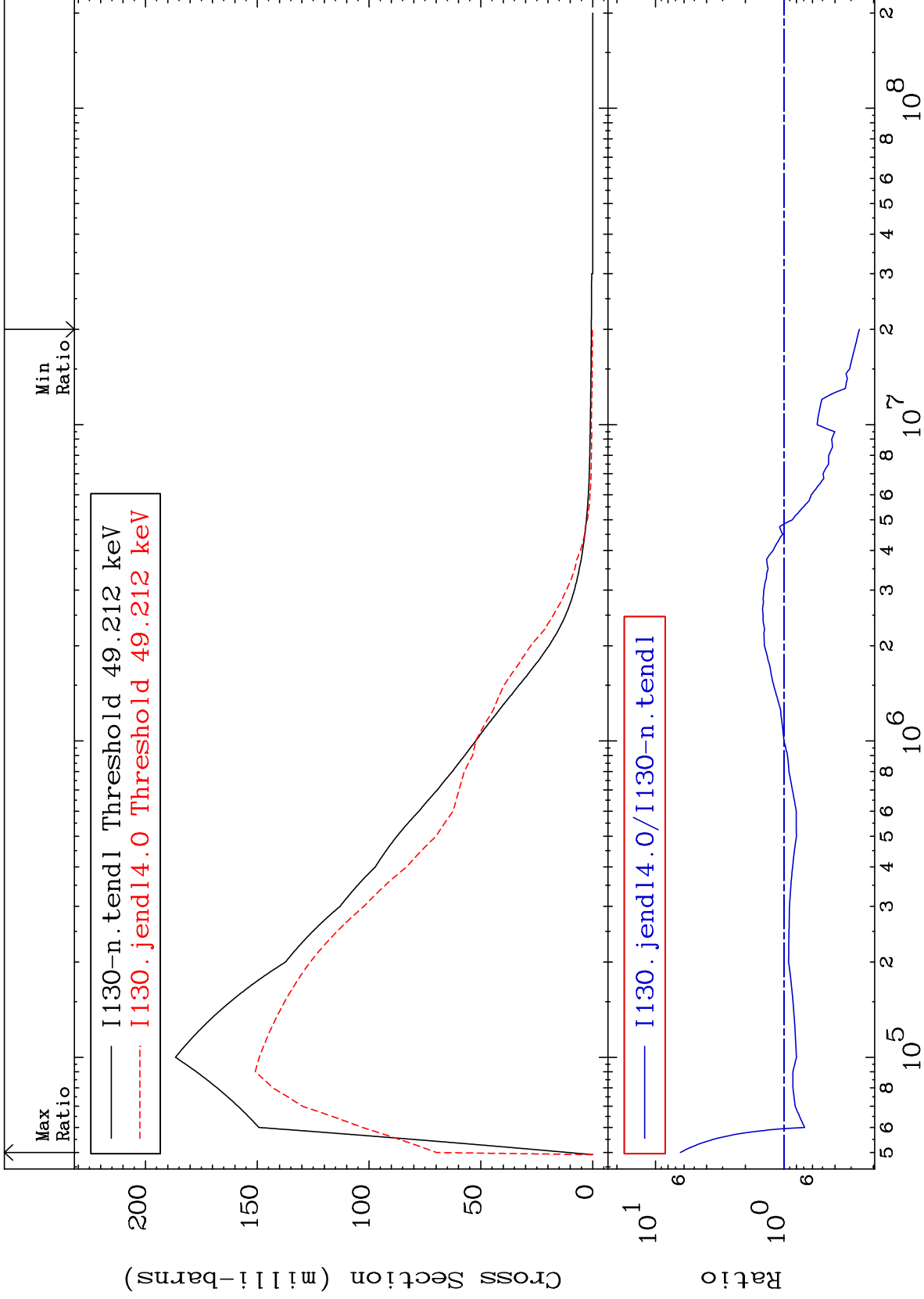
53-I -130
101.1 To 9999. %



MAT 5334

48.83 keV (n,n') Level
Cross Section

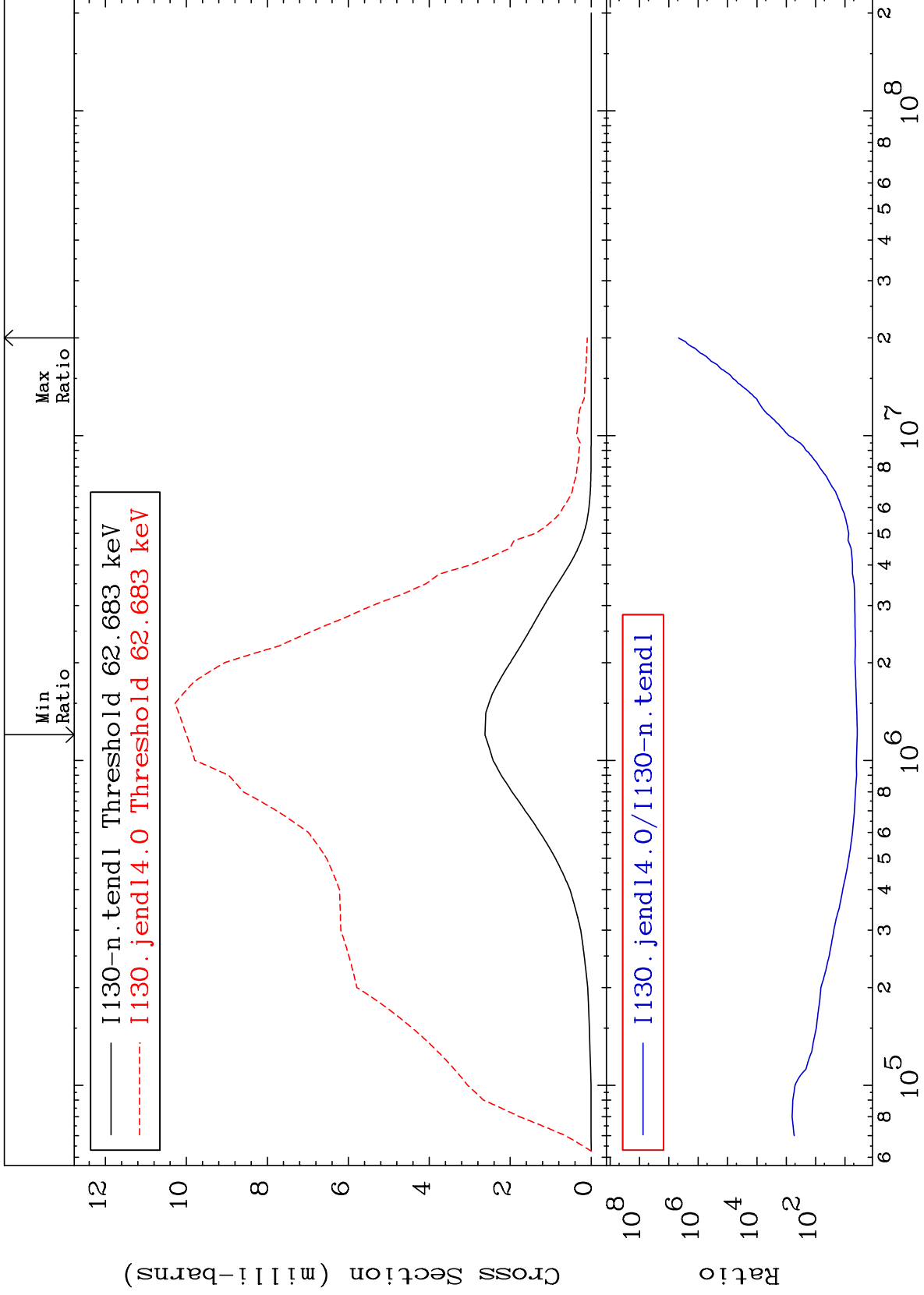
53-I -130
-74.17 To 540.8 %



MAT 5334

62.20 keV (n,n') Level
Cross Section

53-I -130
280.7 To 9999. %



14

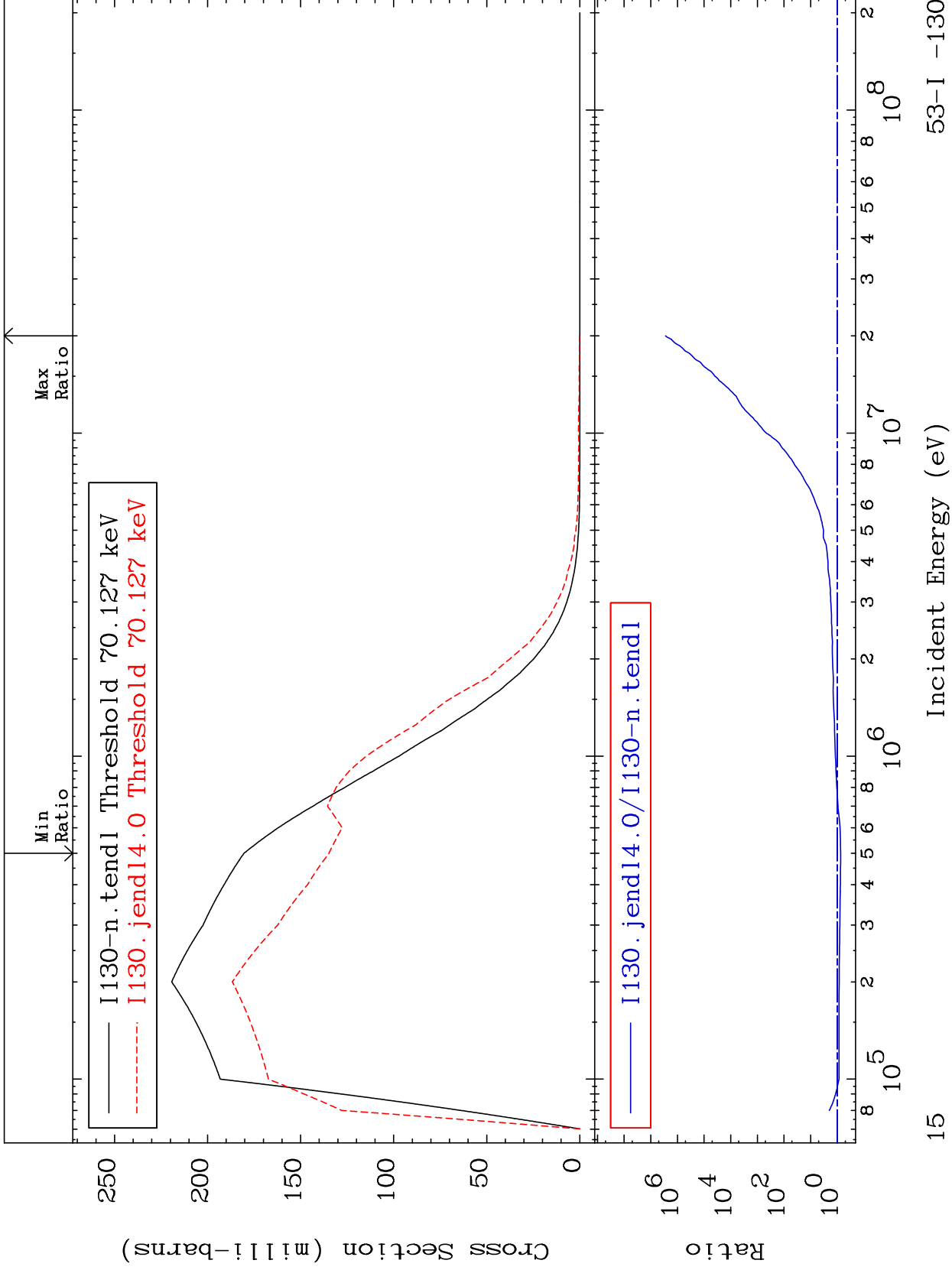
Incident Energy (eV)

53-I -130

MAT 5334

69.59 keV (n,n') Level
Cross Section

53-I -130
-25.31 To 9999. %



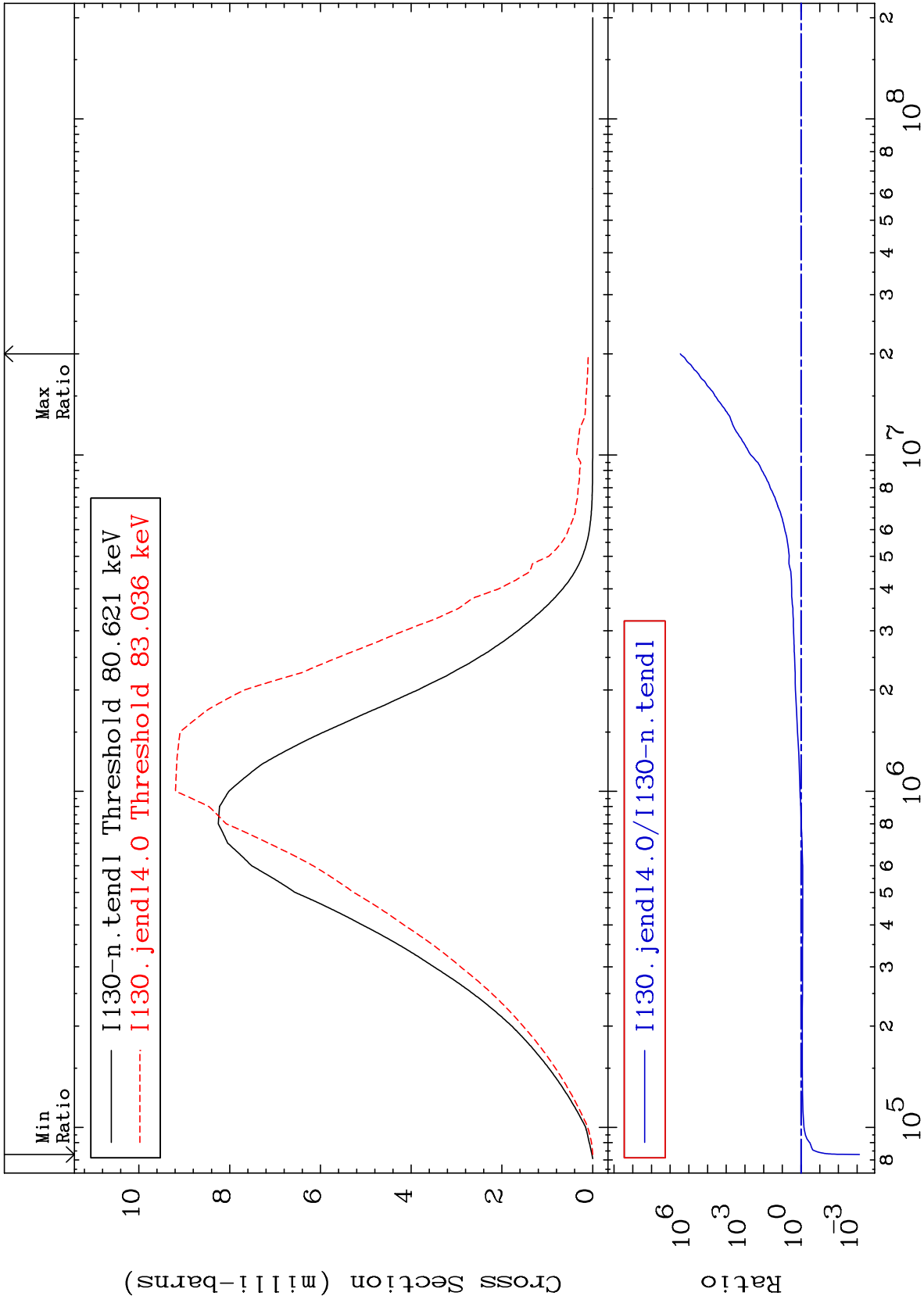
15

53-I -130

MAT 5334

80.00 keV (n,n') Level
Cross Section

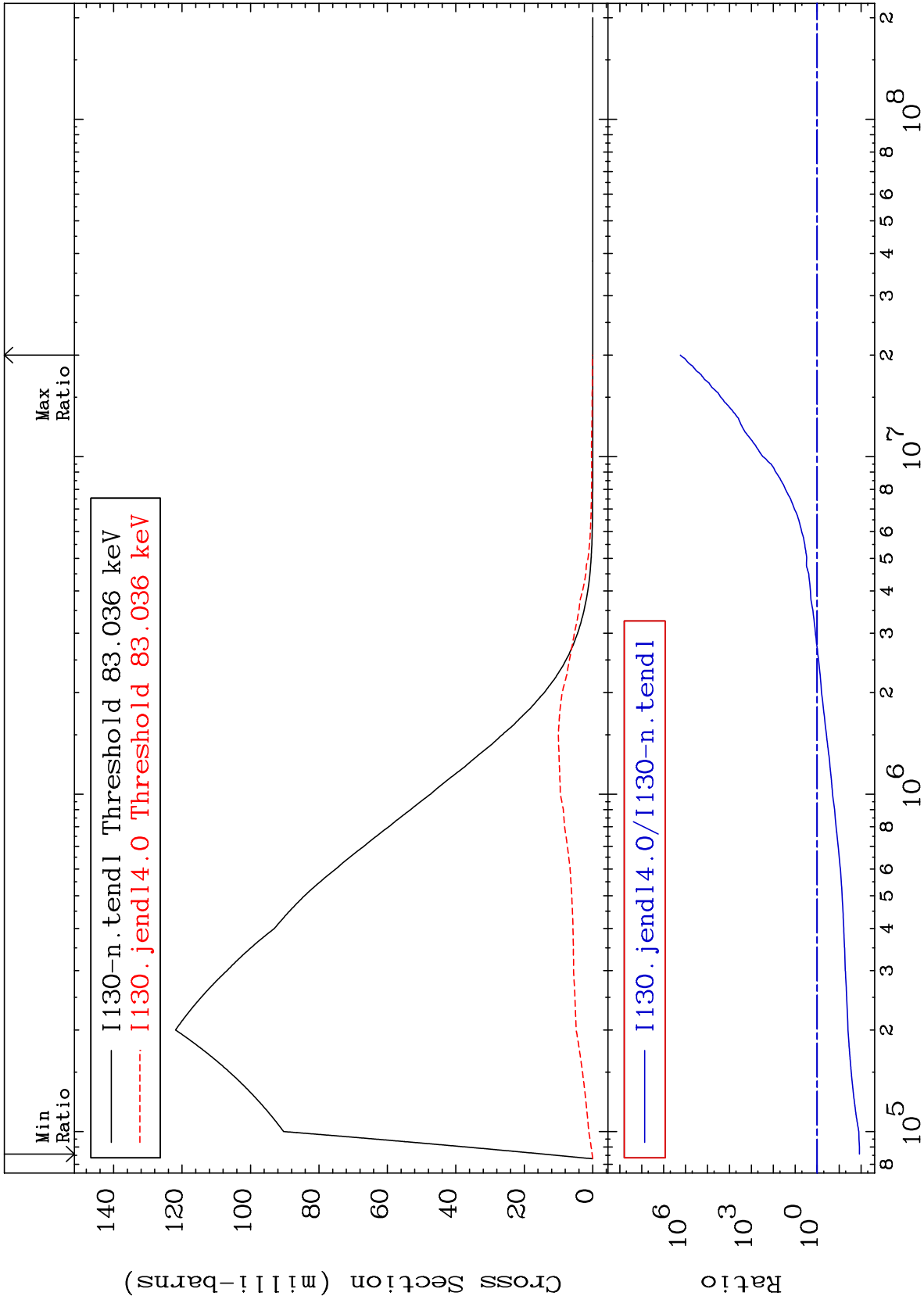
53-I -130
-99.92 To 9999. %



MAT 5334

82.40 keV (n,n') Level
Cross Section

53-I -130
-98.81 To 9999. %



17

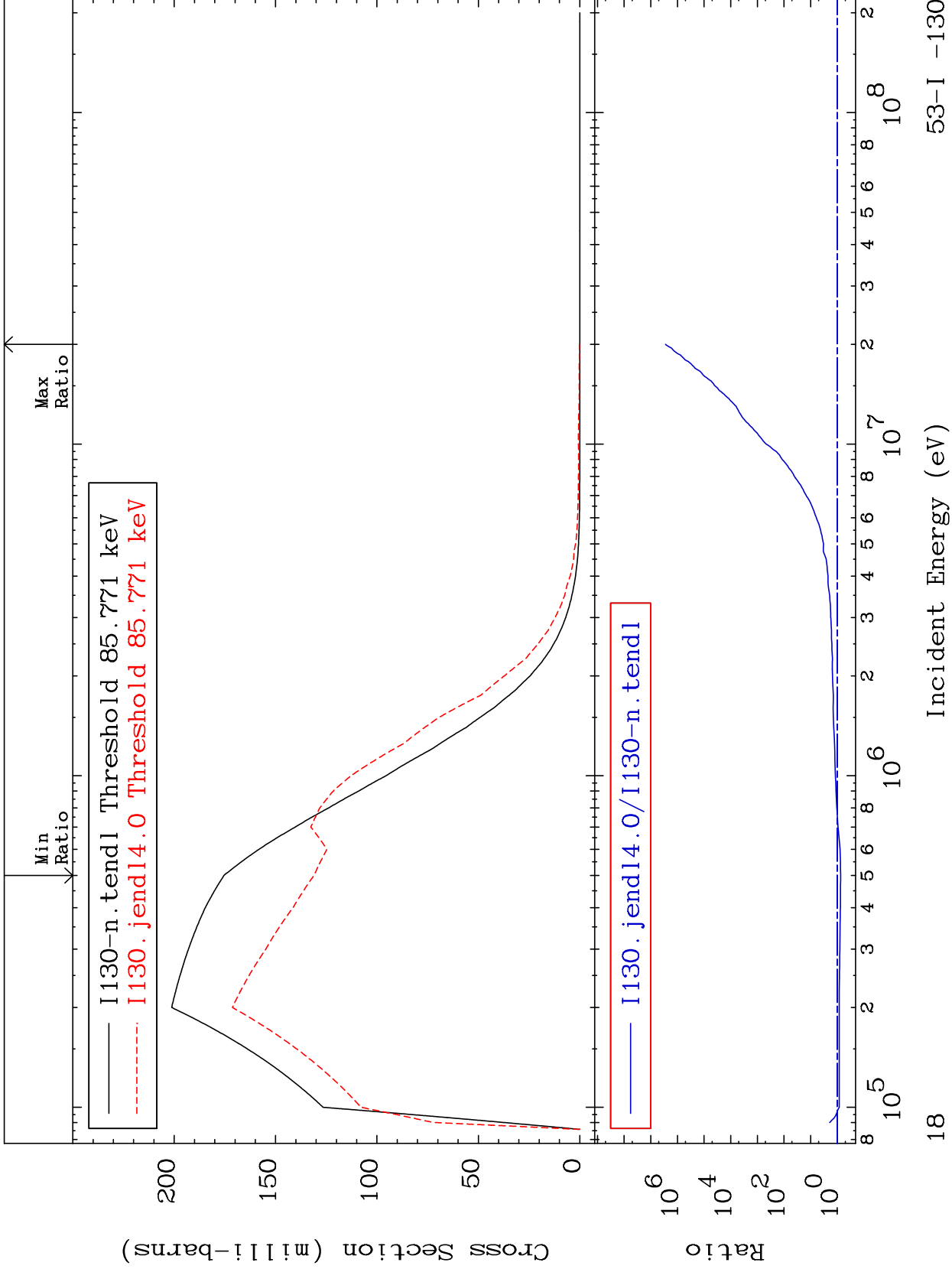
Incident Energy (eV)

53-I -130

MAT 5334

85.11 keV (n,n') Level
Cross Section

53-I -130
-25.31 To 9999. %



18

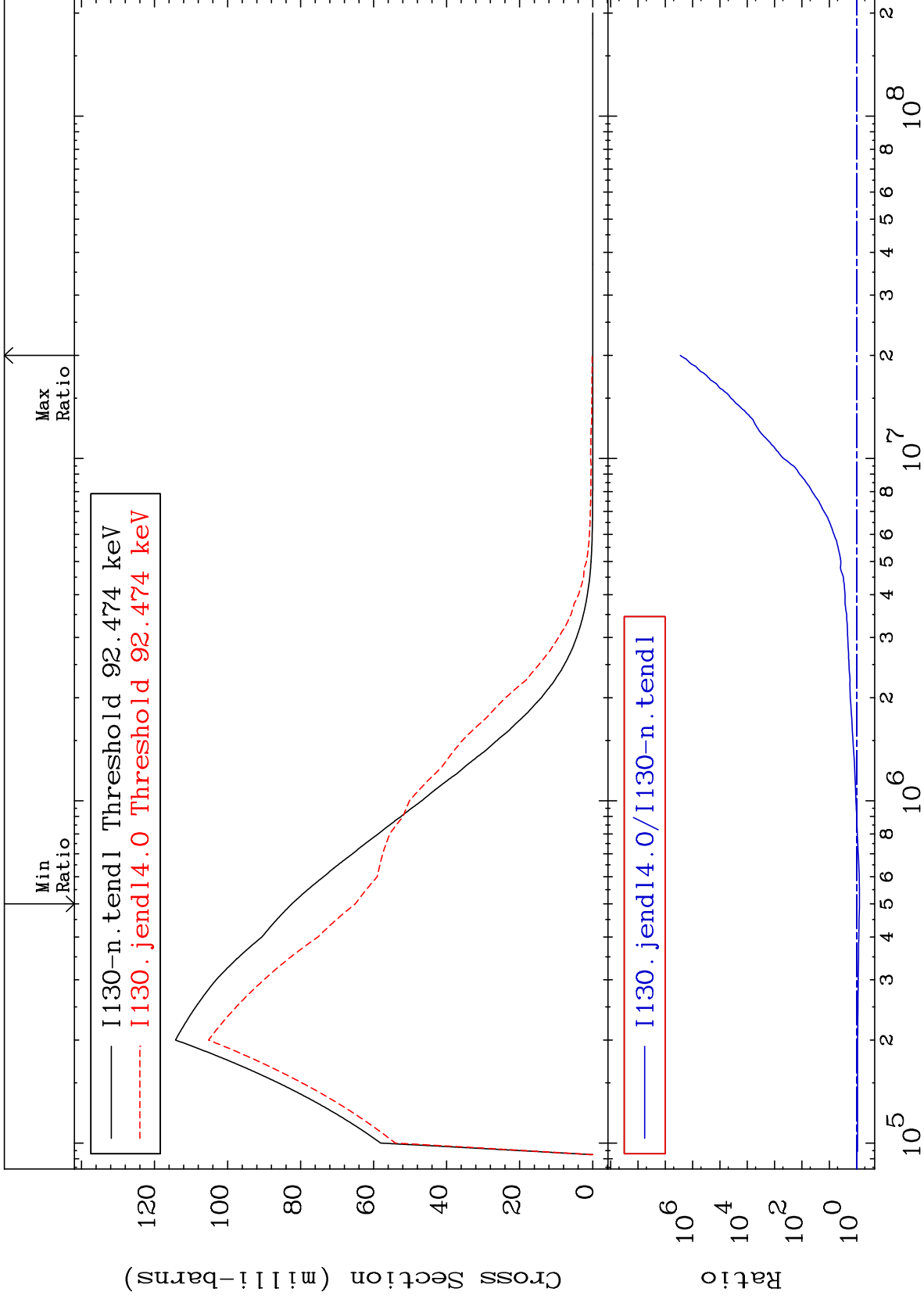
Incident Energy (eV)

53-I -130

MAT 5334

91.76 keV (n,n') Level
Cross Section

53-I -130
-21.09 To 9999. %



19

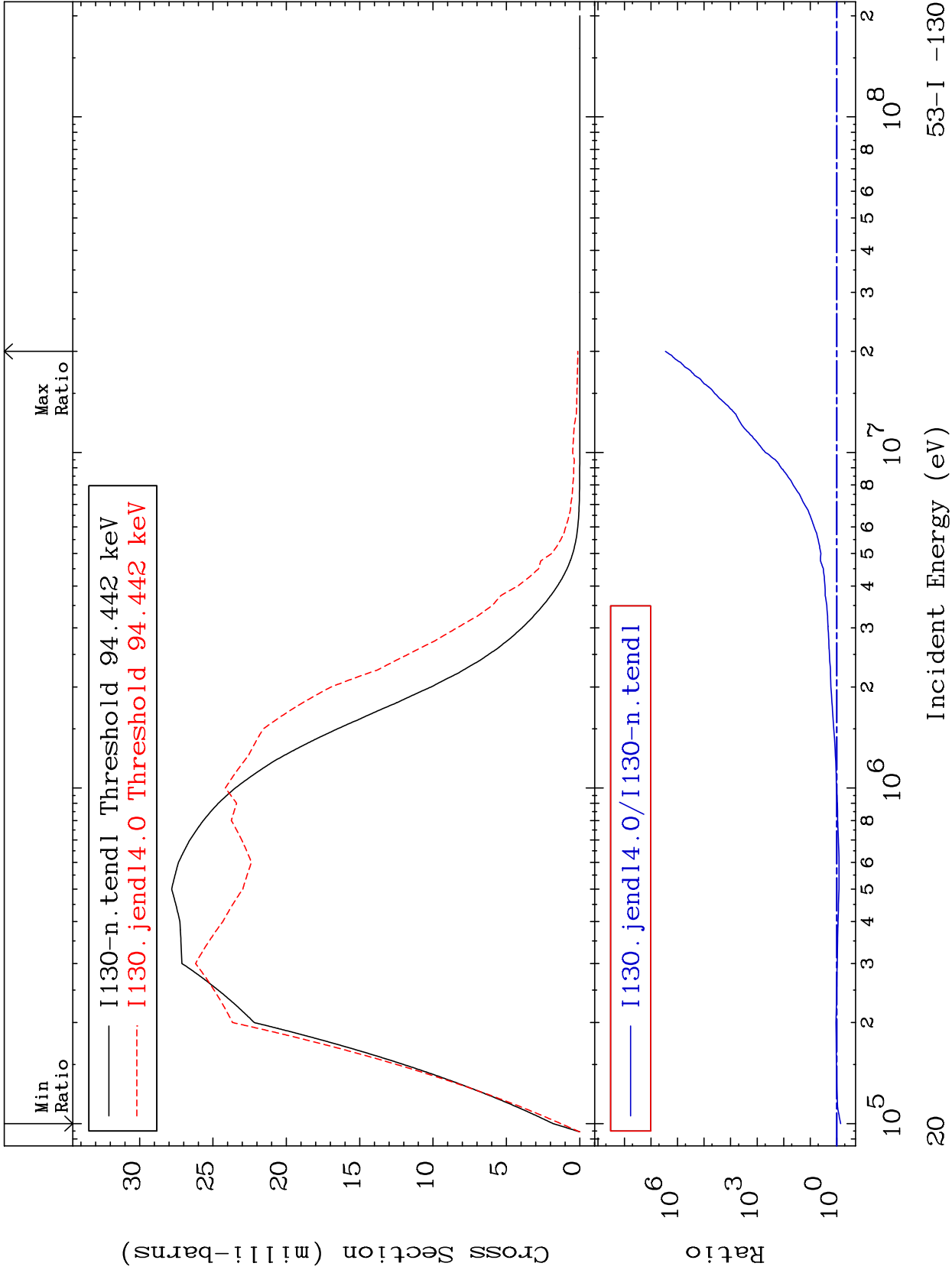
Incident Energy (eV)

53-I -130

MAT 5334

93.71 keV (n,n') Level
Cross Section

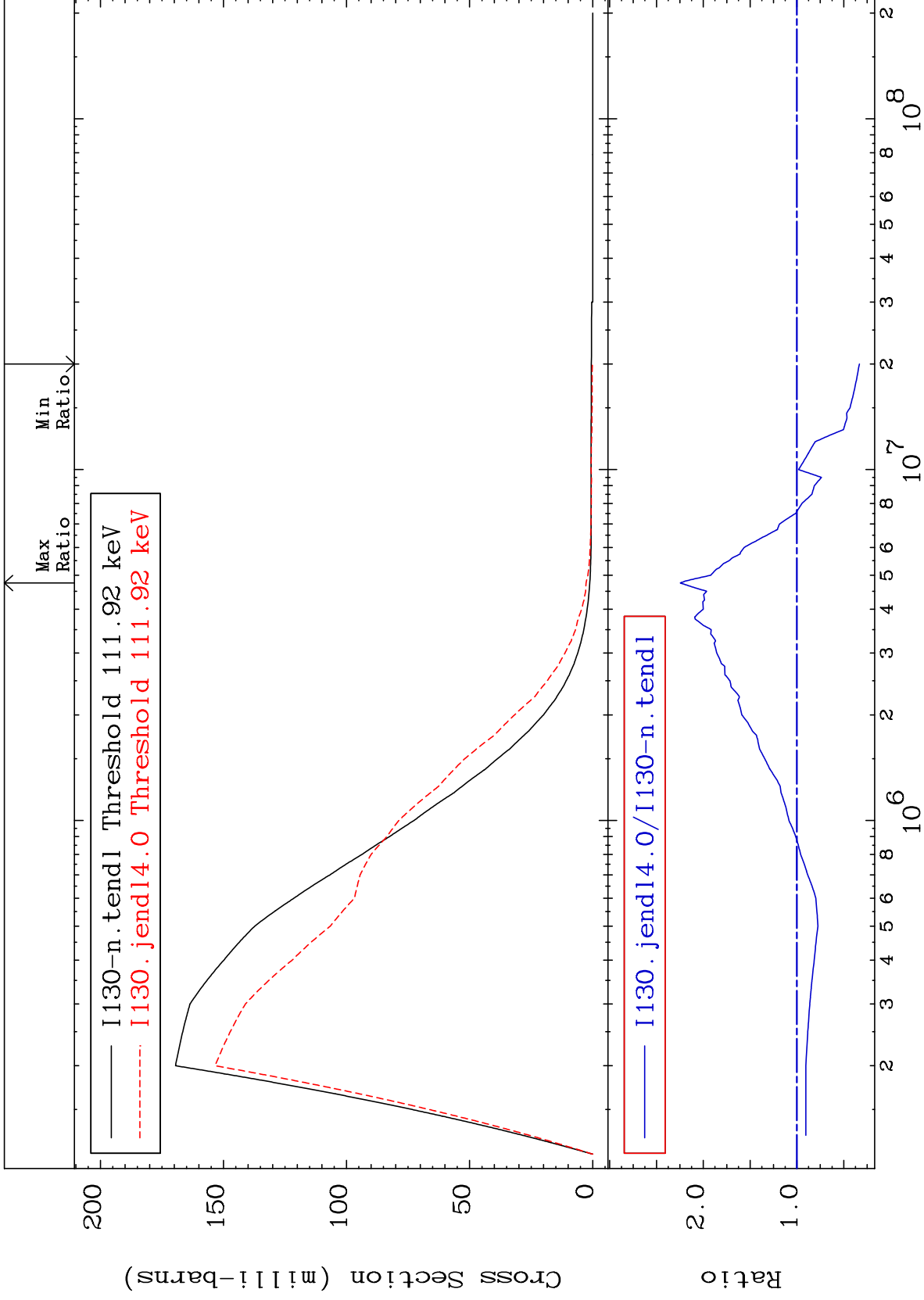
53-I -130
-28.71 To 9999. %



MAT 5334

111.1 keV (n,n') Level
Cross Section

53-I -130
-66.78 To 124.5 %



21

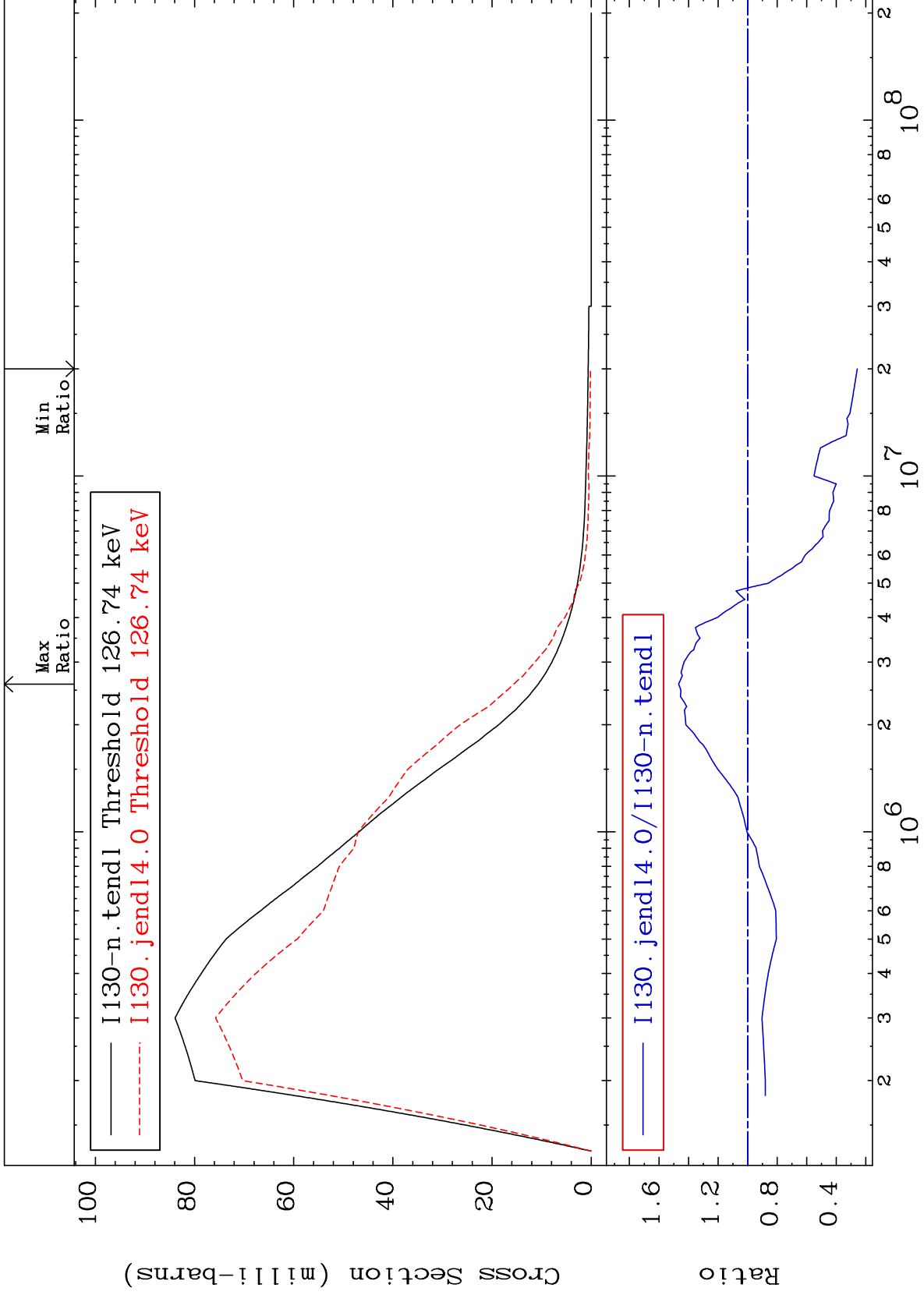
Incident Energy (eV)

53-I -130

MAT 5334

125.8 keV (n,n') Level
Cross Section

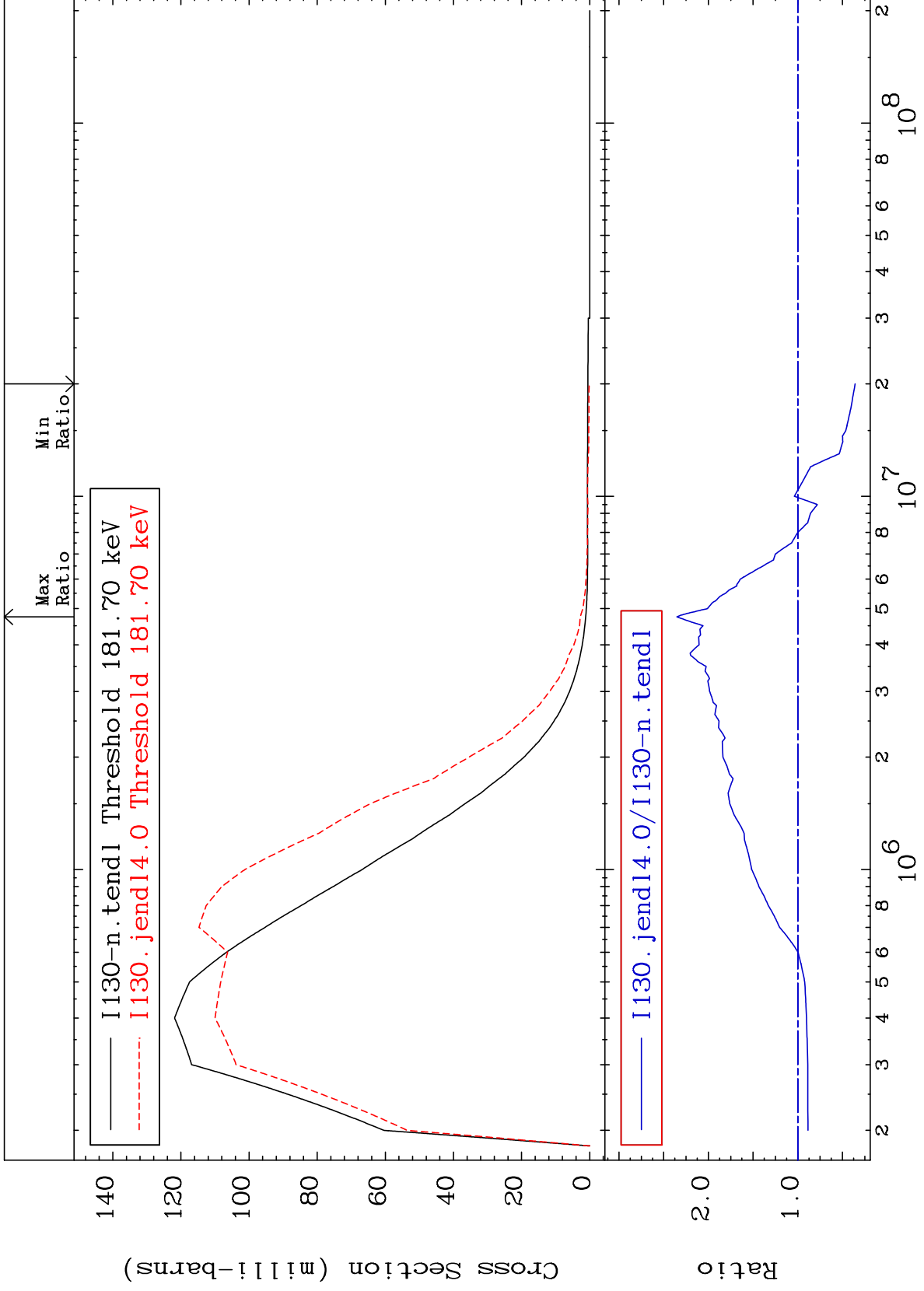
53-I -130
-74.21 To 46.68 %



MAT 5334

180.3 keV (n,n') Level
Cross Section

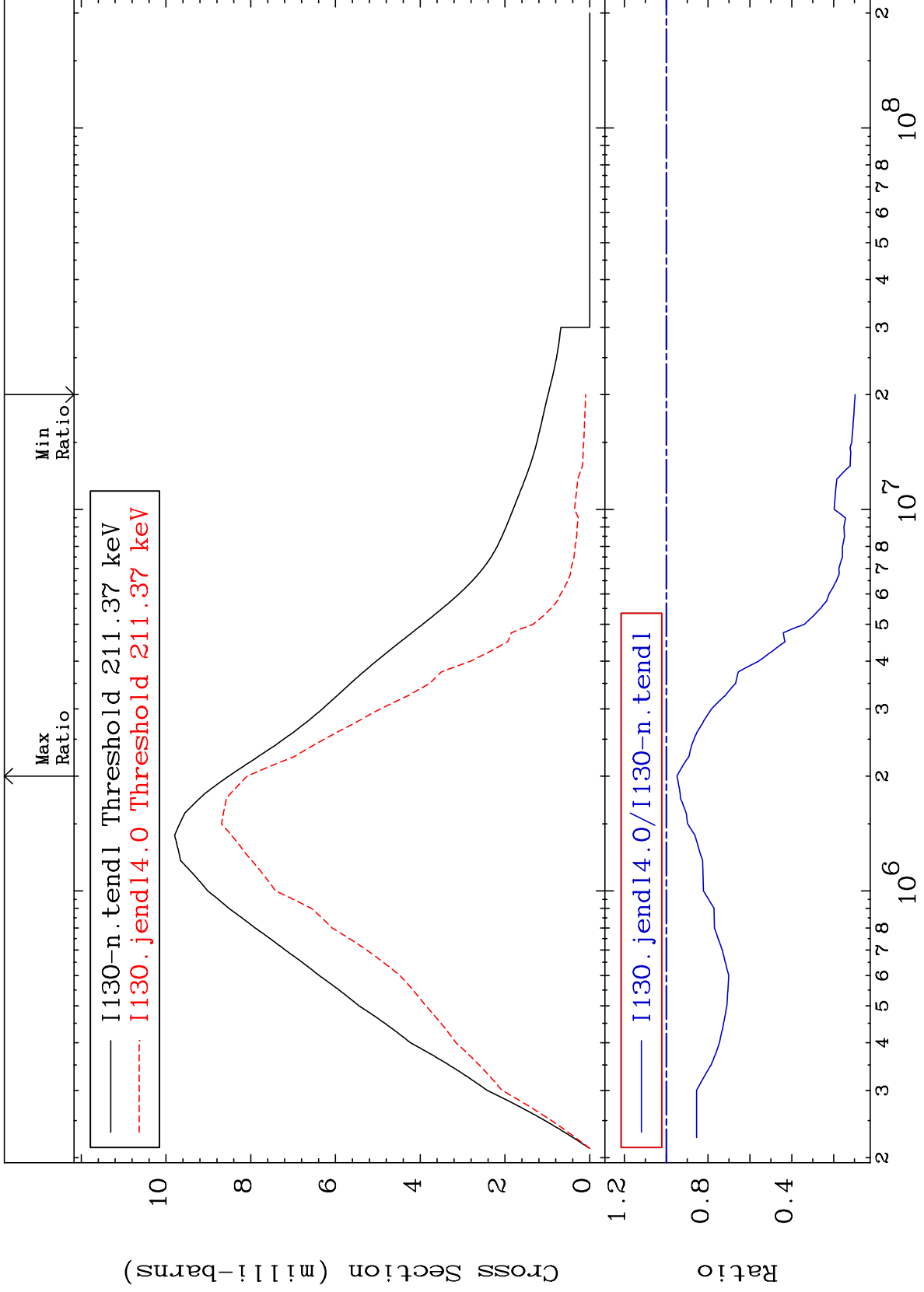
53-I -130
-64.14 To 135.2 %



MAT 5334

209.7 keV (n,n') Level
Cross Section

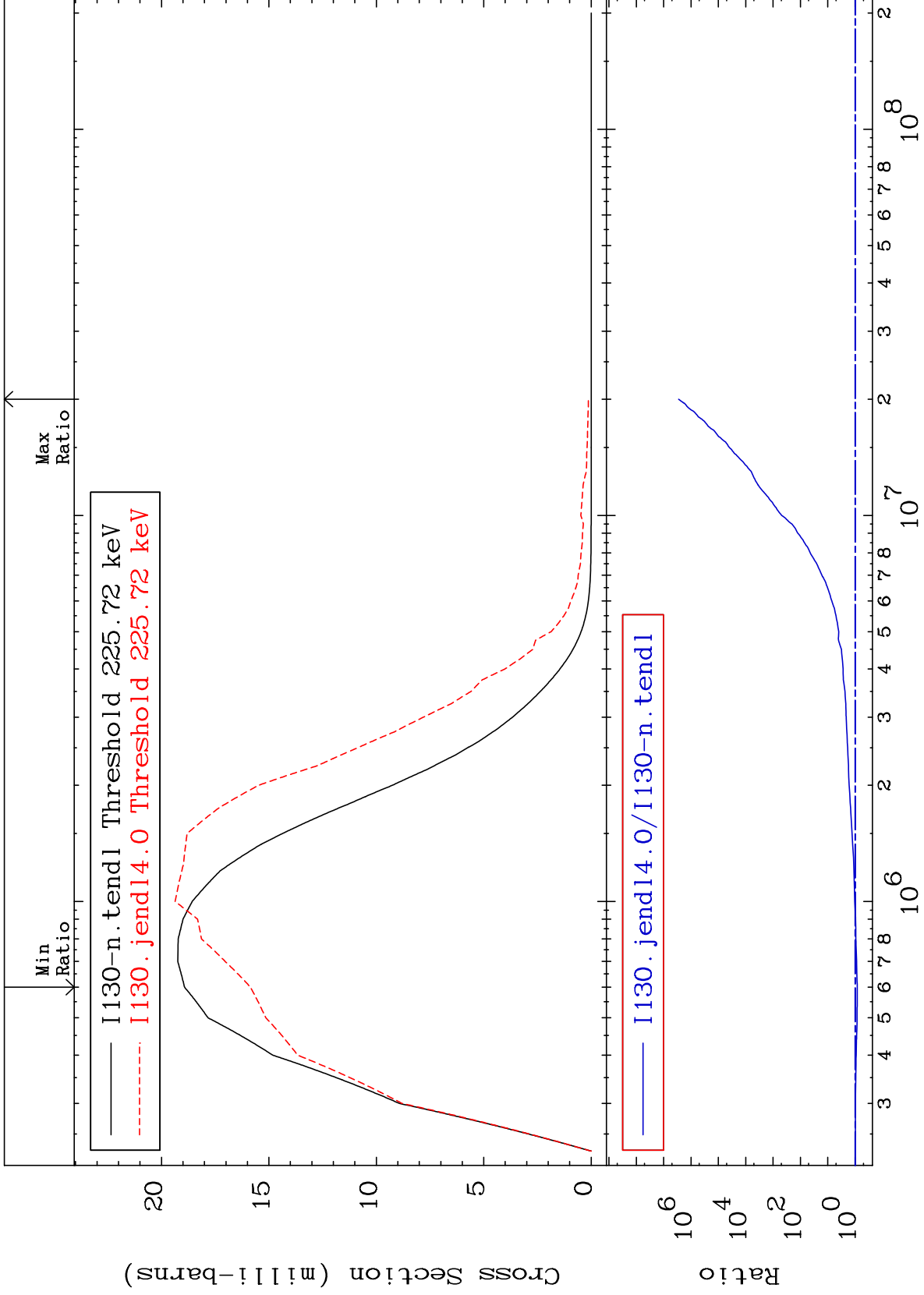
53-I -130
-90.26 To -5.113%



MAT 5334

224.0 keV (n,n') Level
Cross Section

53-I -130
-16.20 To 9999. %



25

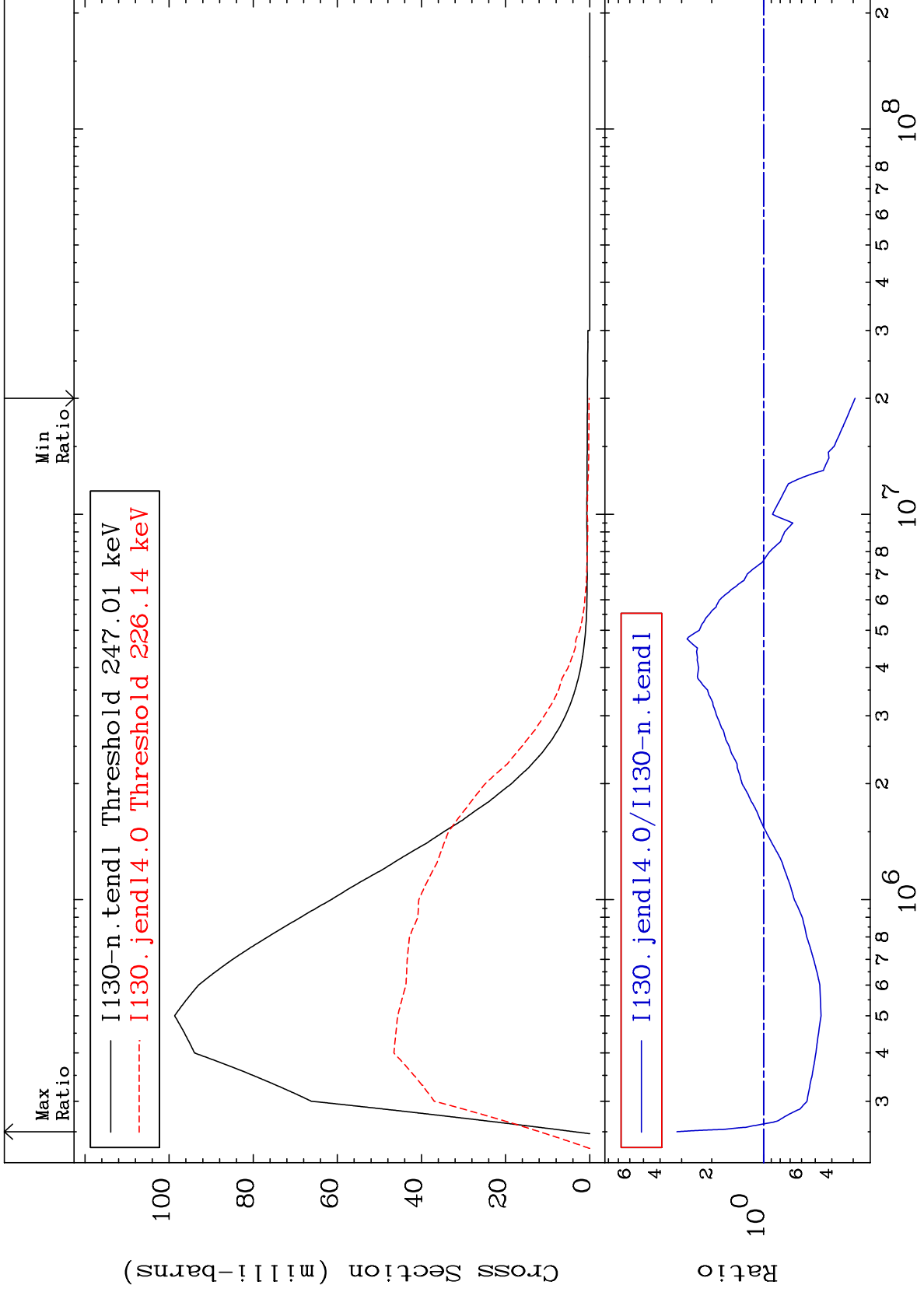
Incident Energy (eV)

53-I -130

MAT 5334

245.1 keV (n,n') Level
Cross Section

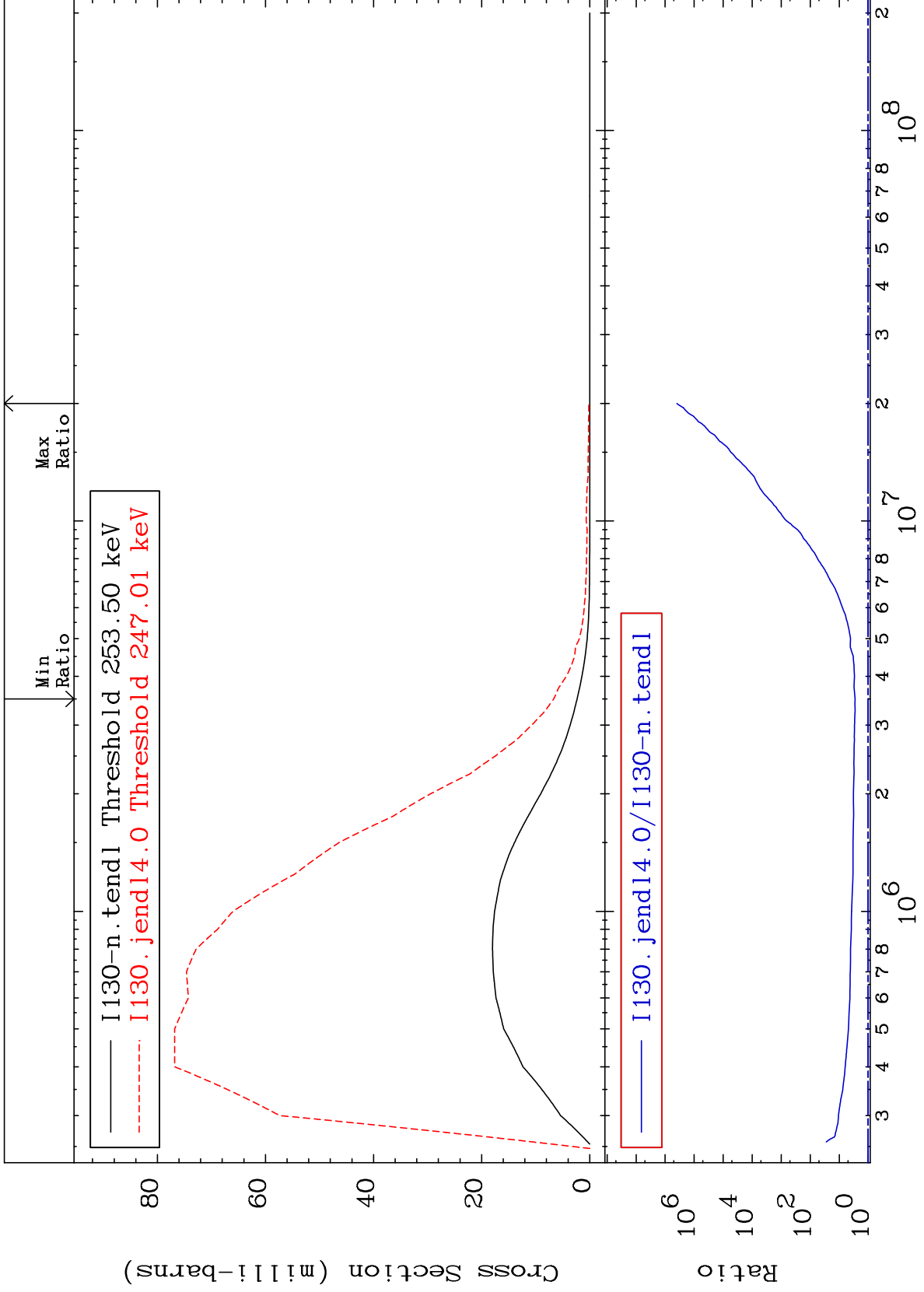
53-I -130
-70.70 To 219.3 %



MAT 5334

251.6 keV (n,n') Level
Cross Section

53-I -130
184.2 To 9999. %



27

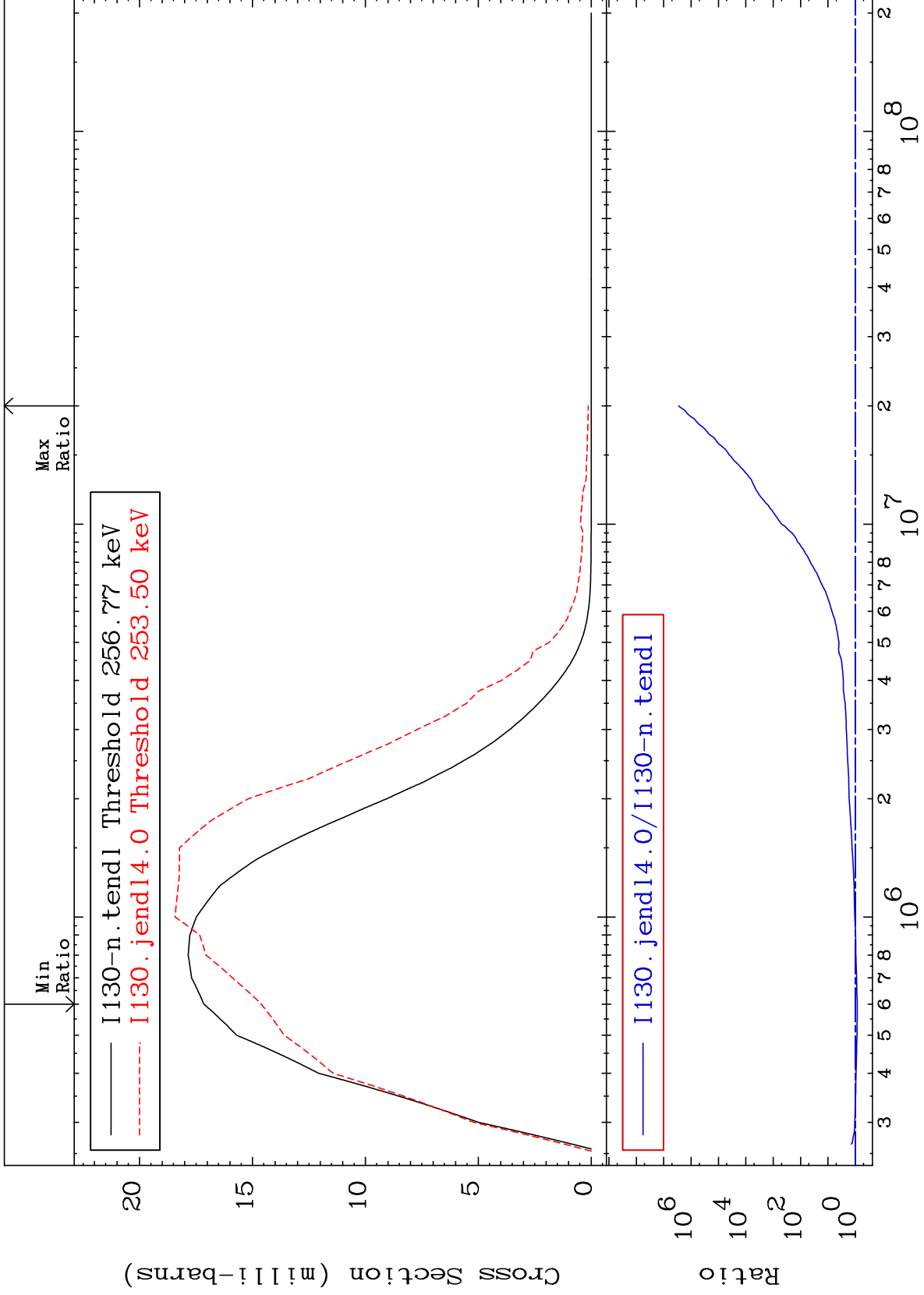
Incident Energy (eV)

53-I -130

MAT 5334

254.8 keV (n,n') Level
Cross Section

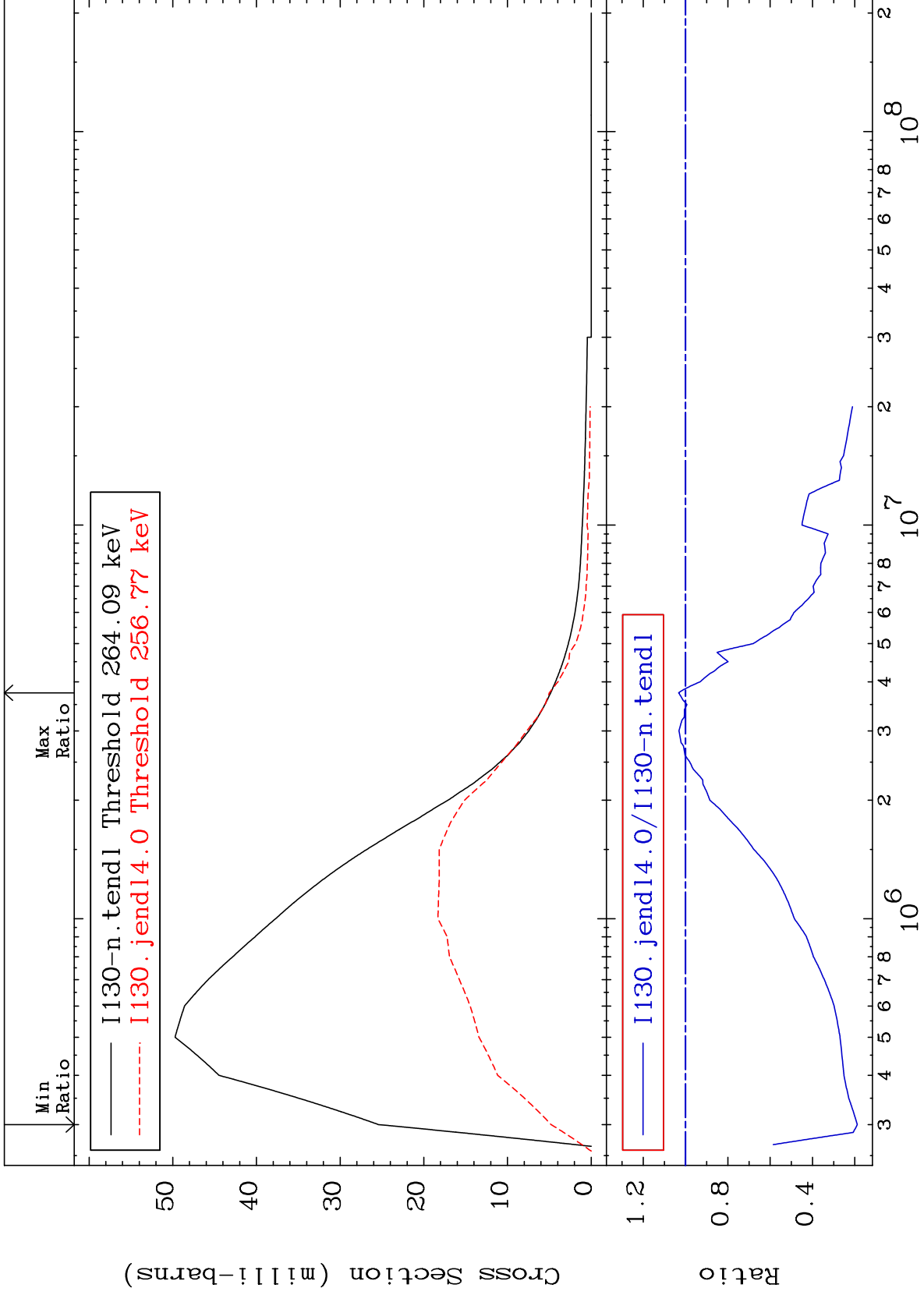
53-I -130
-14.82 To 9999. %



MAT 5334

262.1 keV (n,n') Level
Cross Section

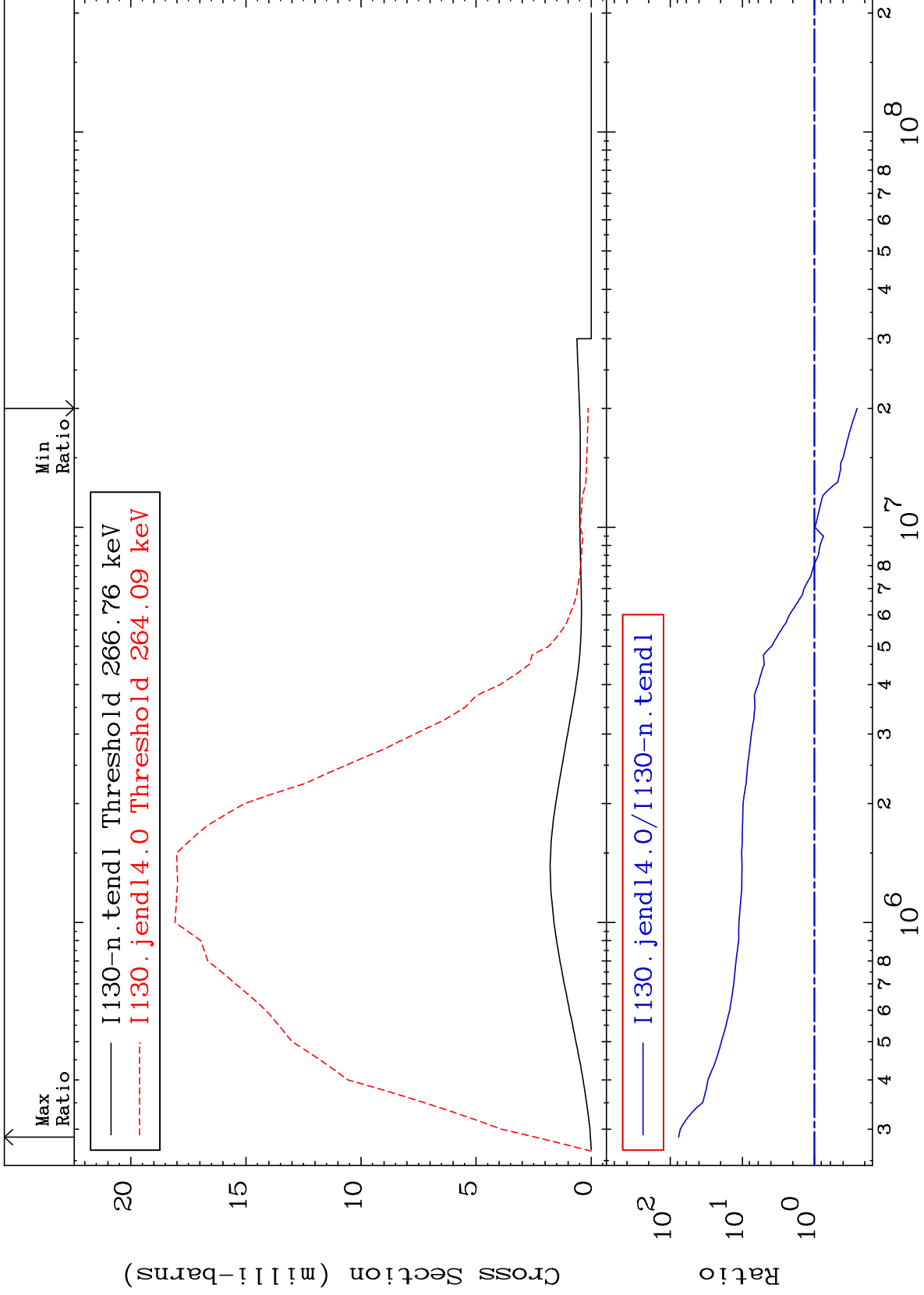
53-I -130
-81.15 To 3.267 %



MAT 5334

264.7 keV (n,n') Level
Cross Section

53-I -130
-74.63 To 7575. %



30

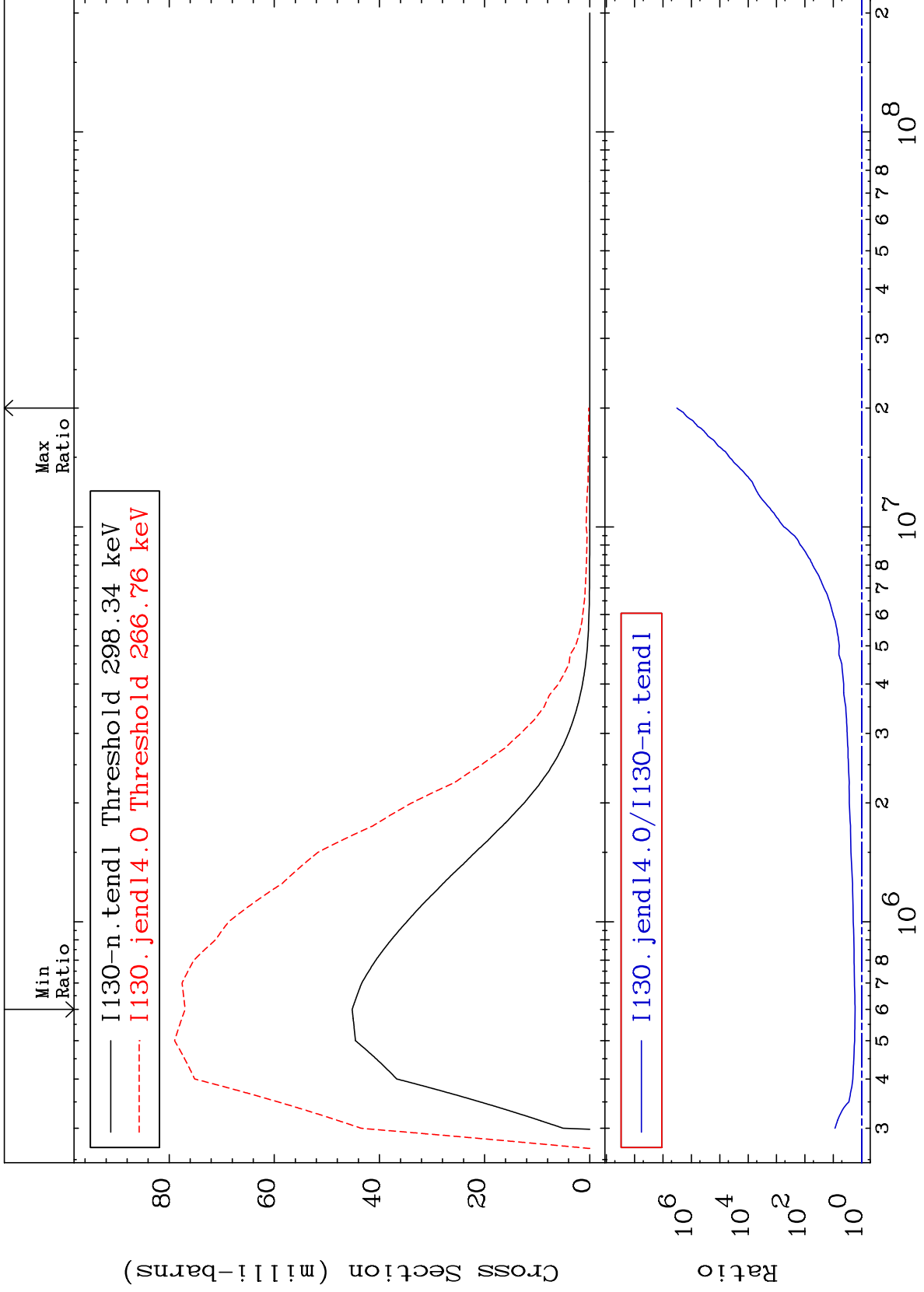
Incident Energy (eV)

53-I -130

MAT 5334

296.0 keV (n,n') Level
Cross Section

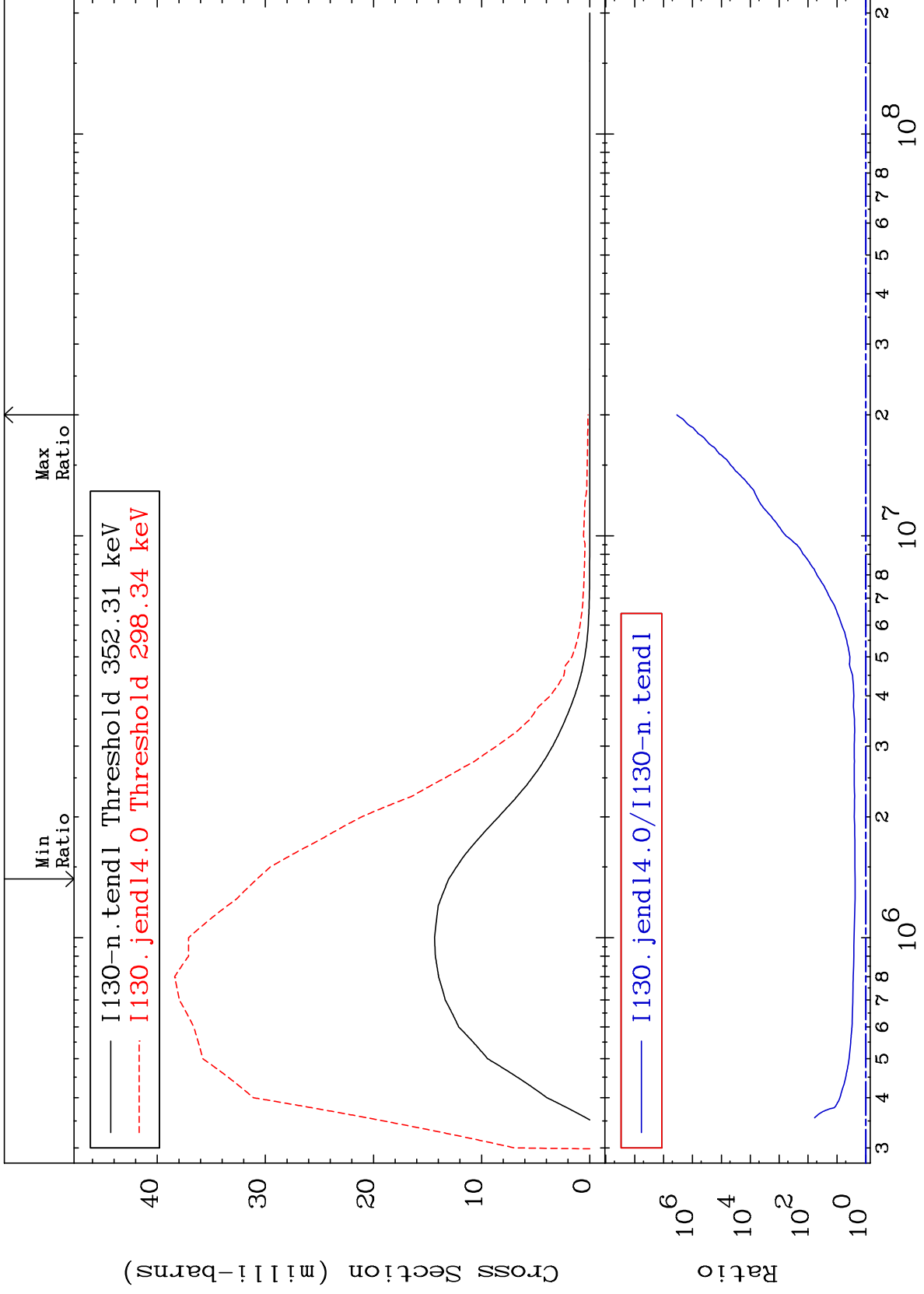
53-I -130
70.34 To 9999. %



MAT 5334

349.6 keV (n,n') Level
Cross Section

53-I -130
136.2 To 9999. %



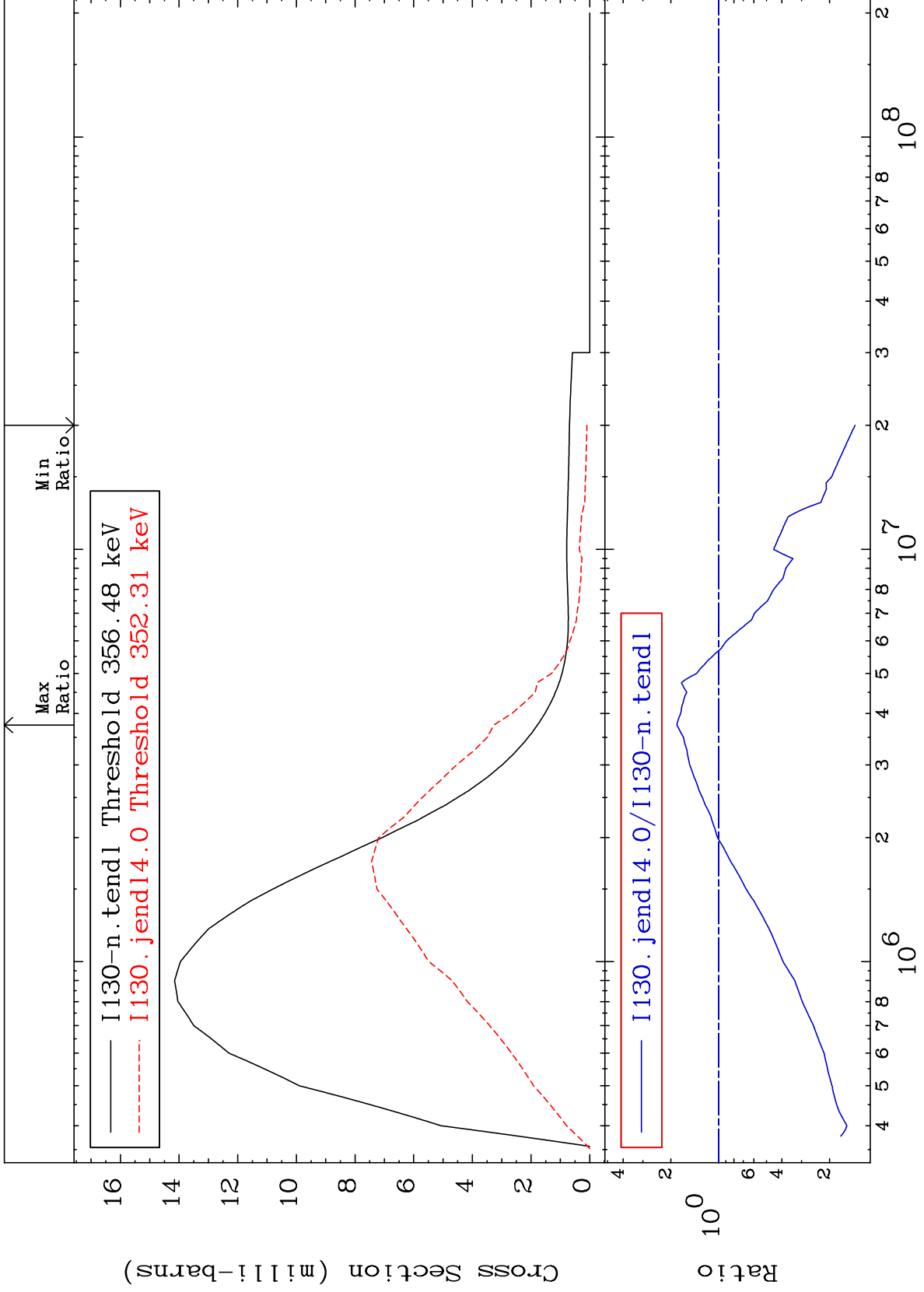
32

53-I -130

MAT 5334

353.7 keV (n,n') Level
Cross Section

53-I -130
-86.18 To 83.13 %



33

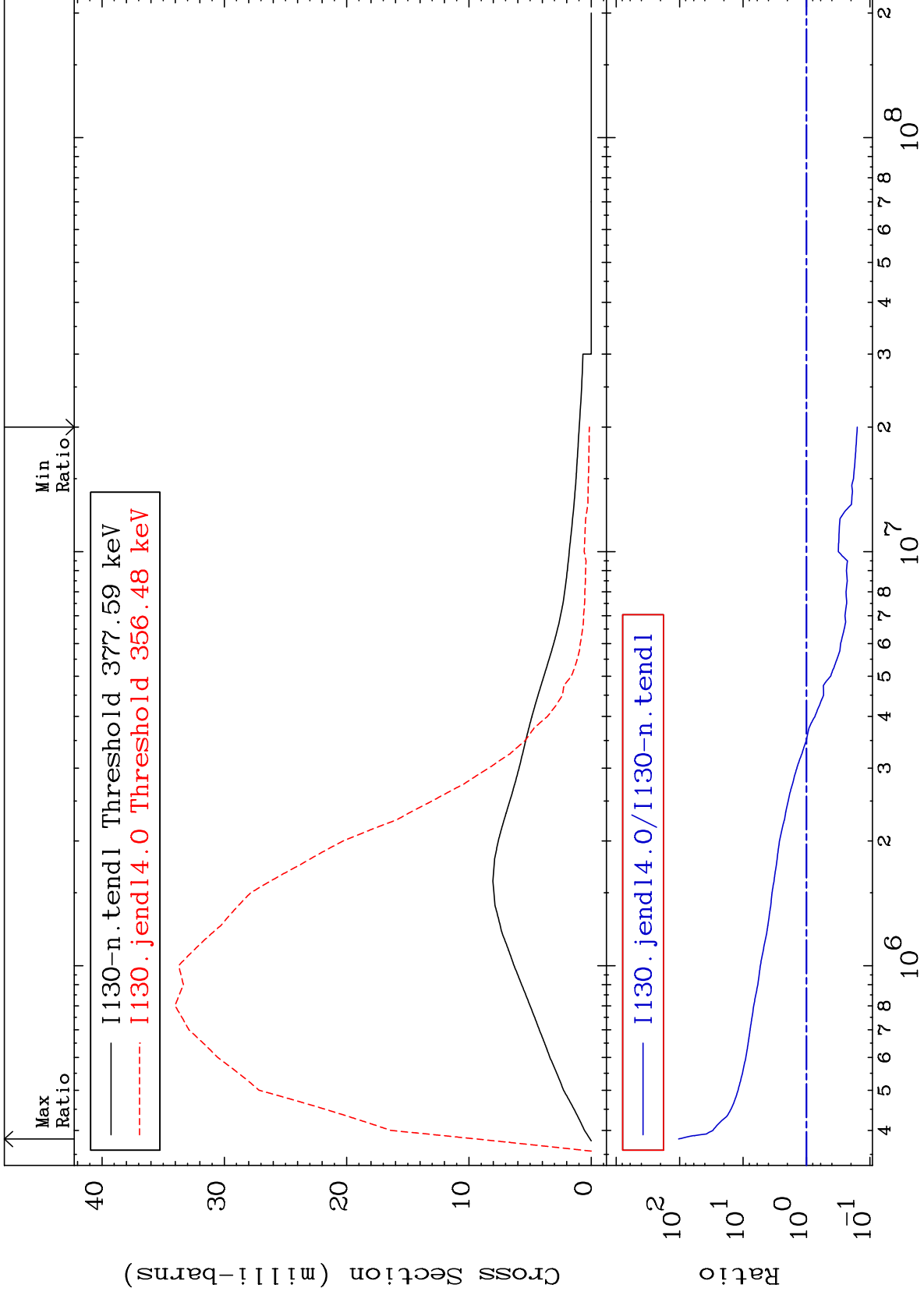
Incident Energy (eV)

53-I -130

MAT 5334

374.7 keV (n,n') Level
Cross Section

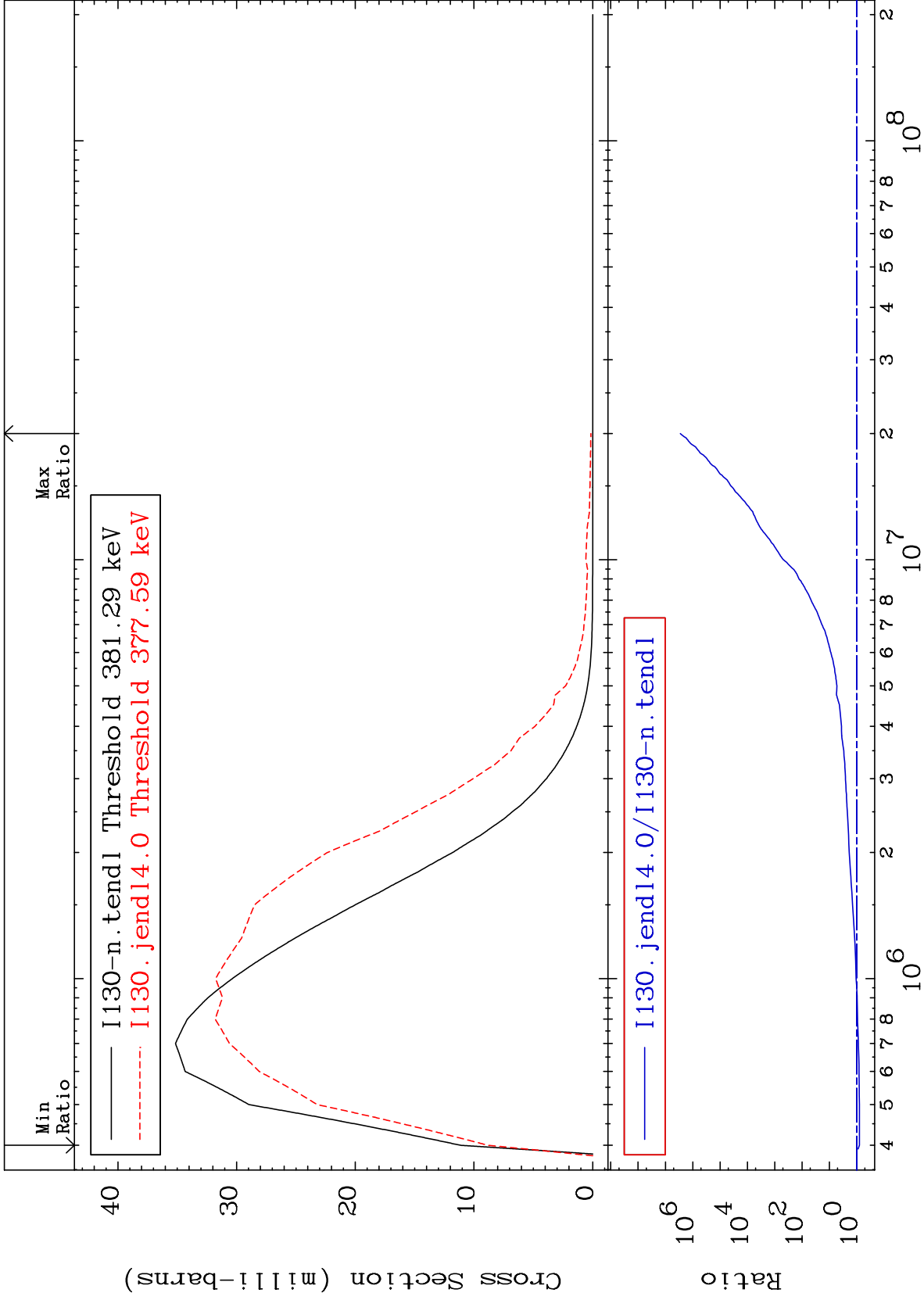
53-I -130
-84.10 To 9999. %



MAT 5334

378.3 keV (n,n') Level
Cross Section

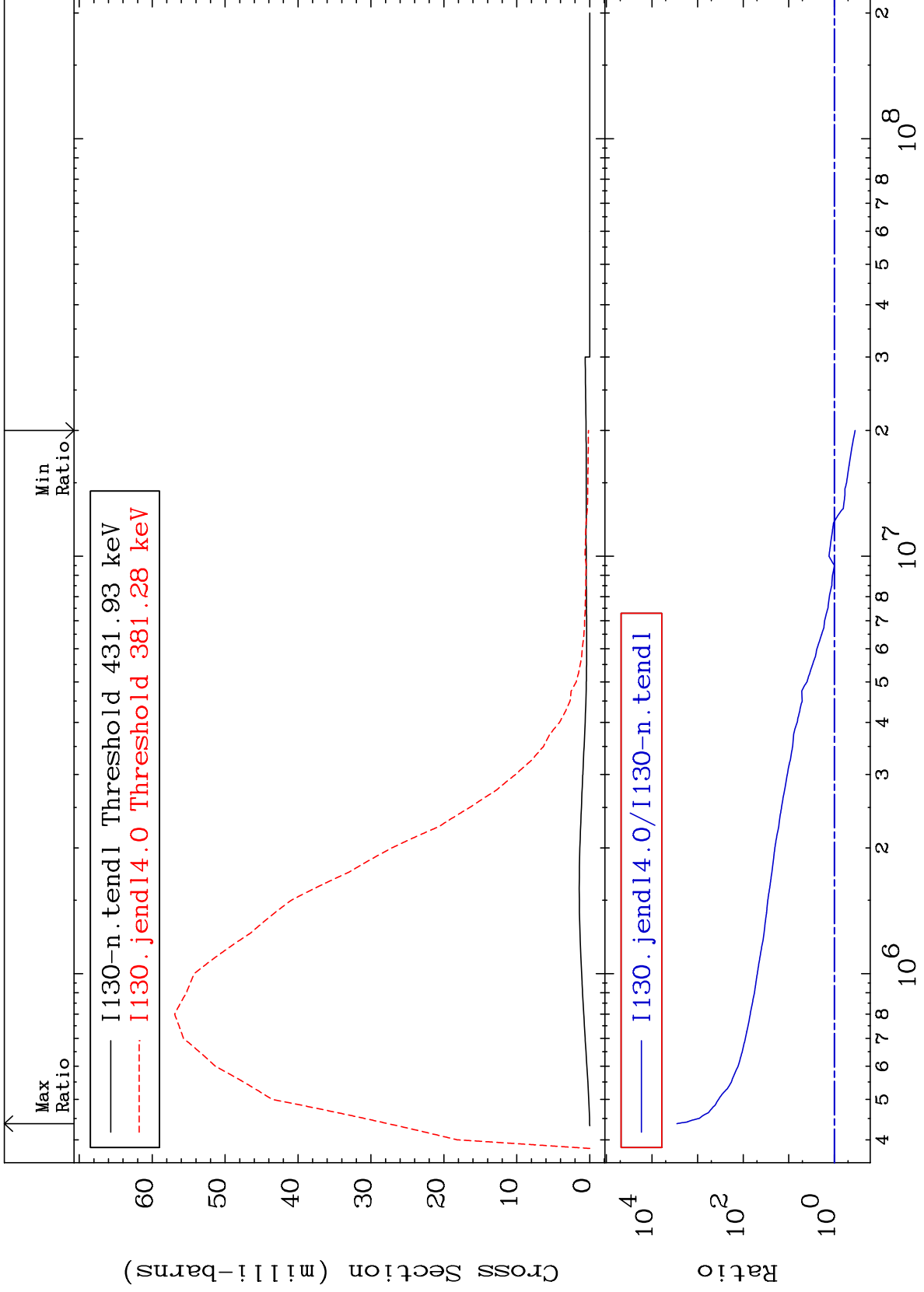
53-I -130
-20.56 To 9999. %



MAT 5334

428.6 keV (n,n') Level
Cross Section

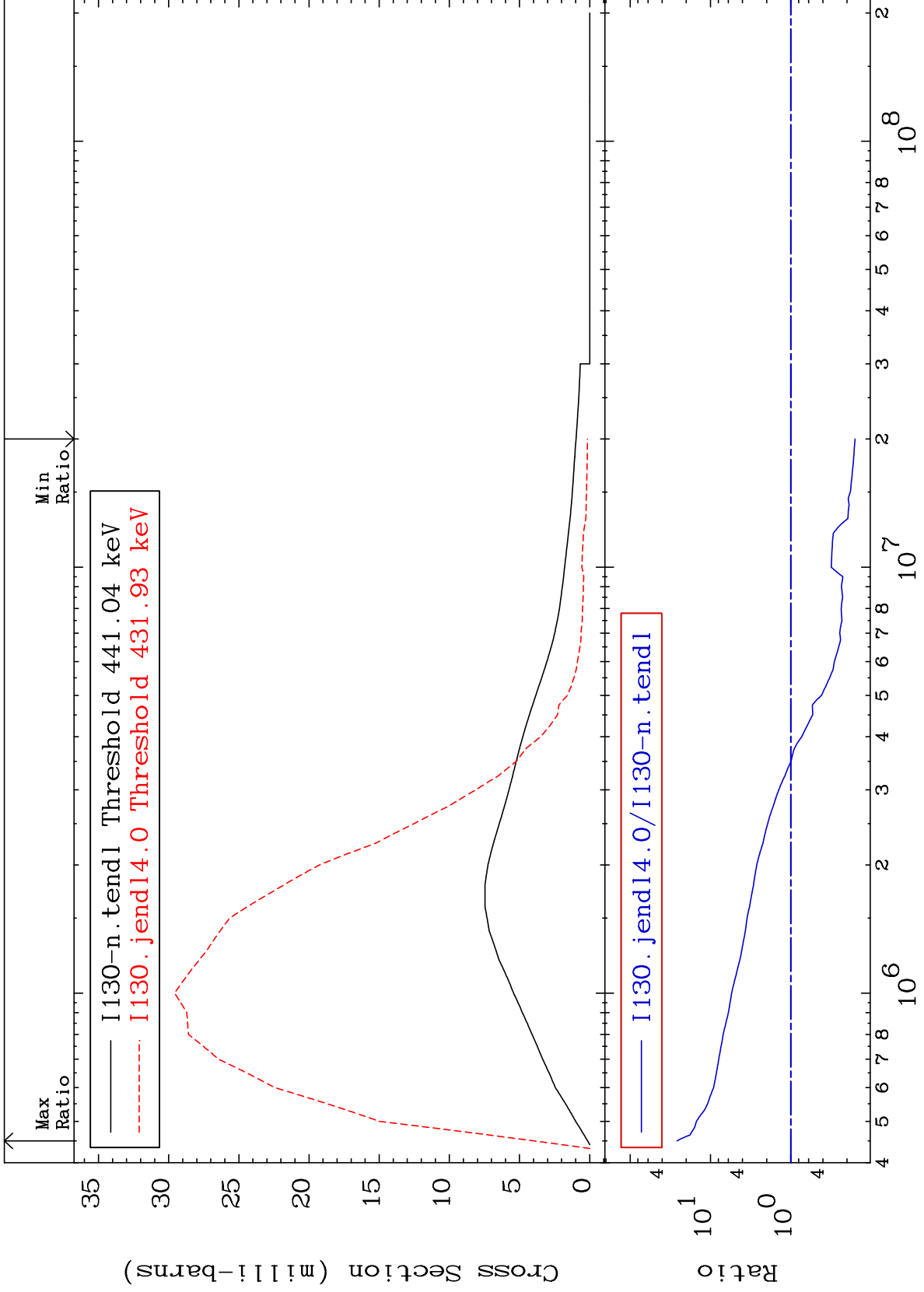
53-I -130
-64.92 To 9999. %



MAT 5334

437.6 keV (n,n') Level
Cross Section

53-I -130
-84.12 To 2516. %



37

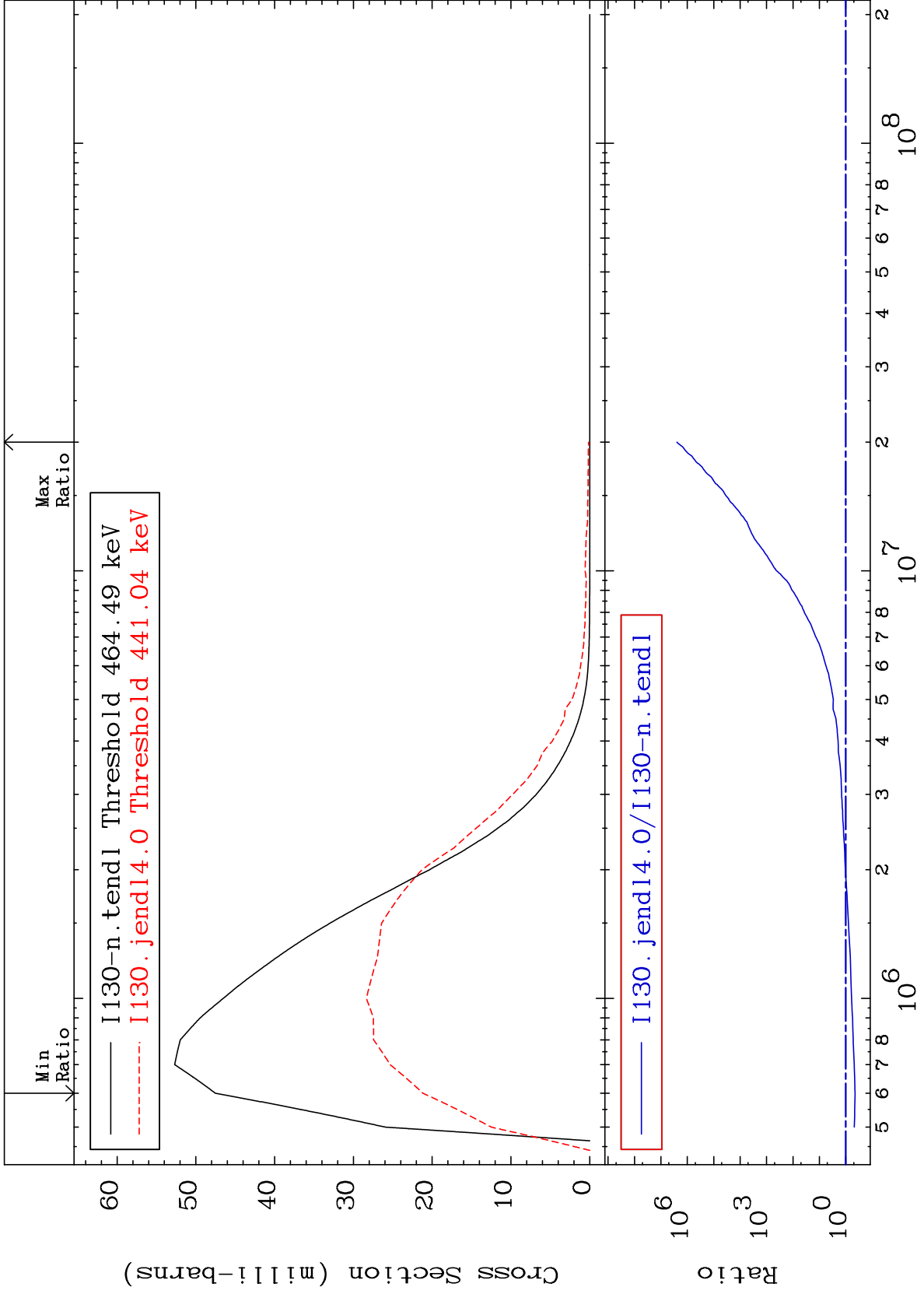
Incident Energy (eV)

53-I -130

MAT 5334

460.9 keV (n,n') Level
Cross Section

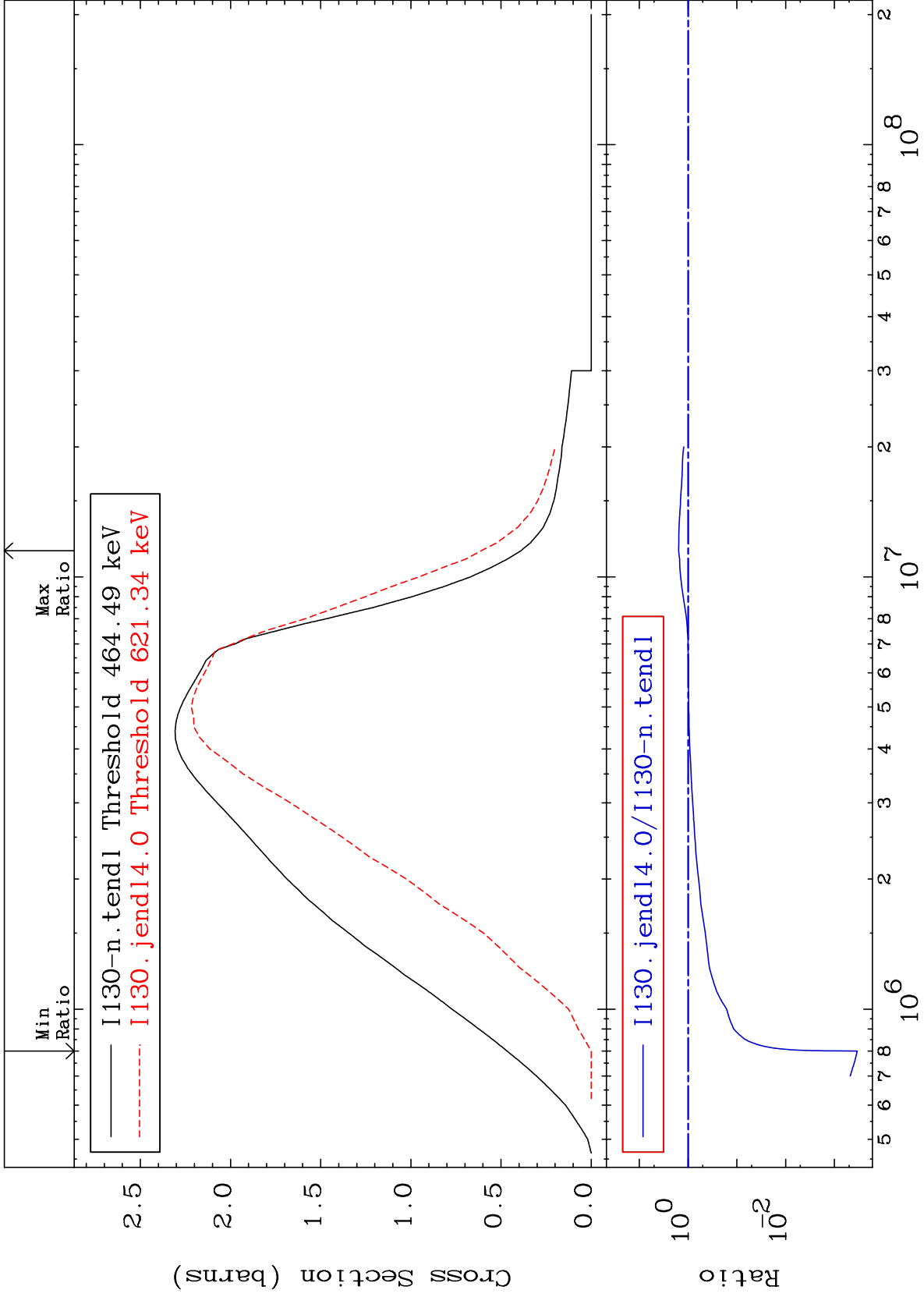
53-I -130
-55.45 To 9999. %



MAT 5334

(n, n') Continuum
Cross Section

53-I -130
-99.97 To 56.46 %



39

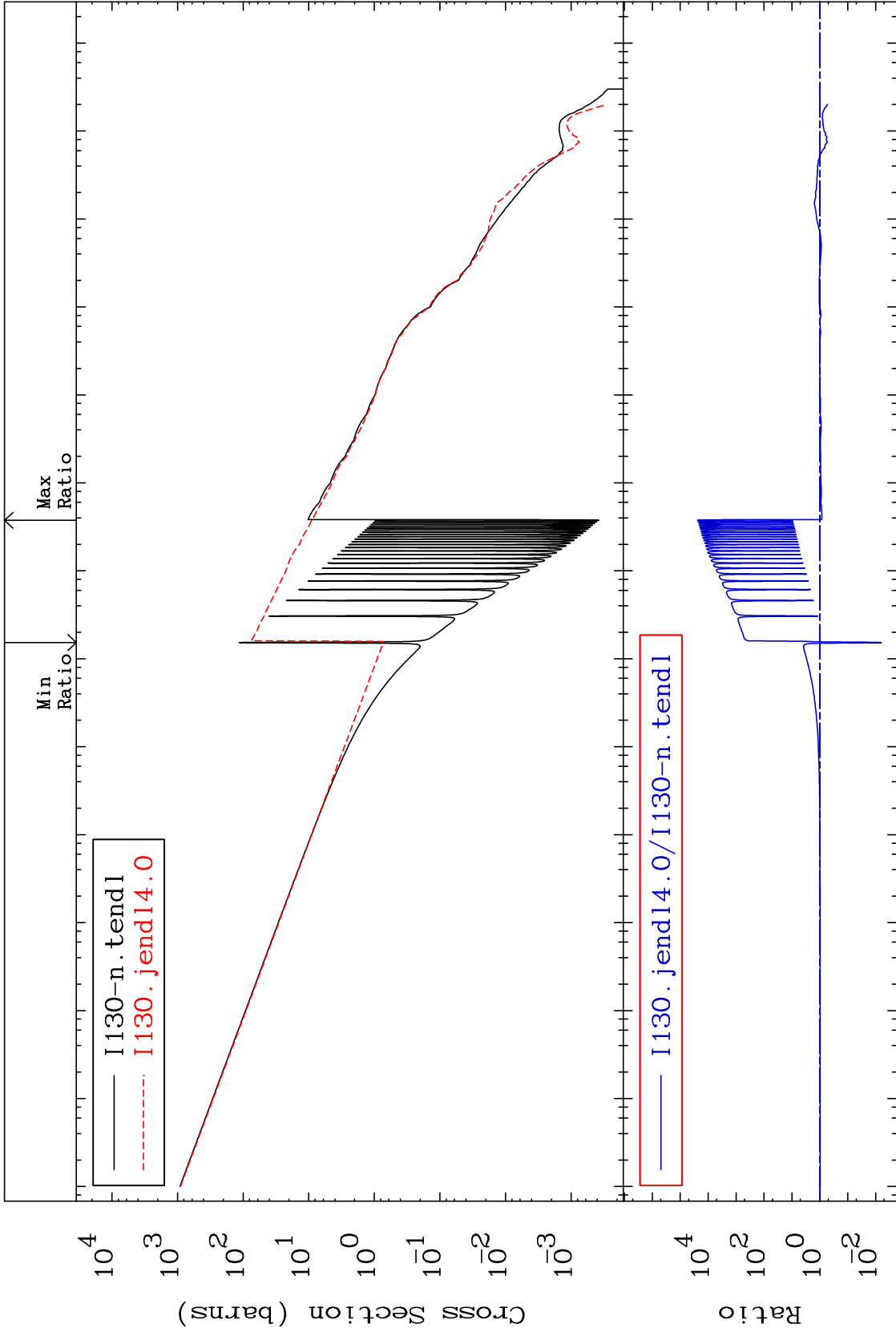
Incident Energy (eV)

53-I -130

MAT 5334

53-I -130
-99.35 To 9999. %

(n, γ)
Cross Section



40

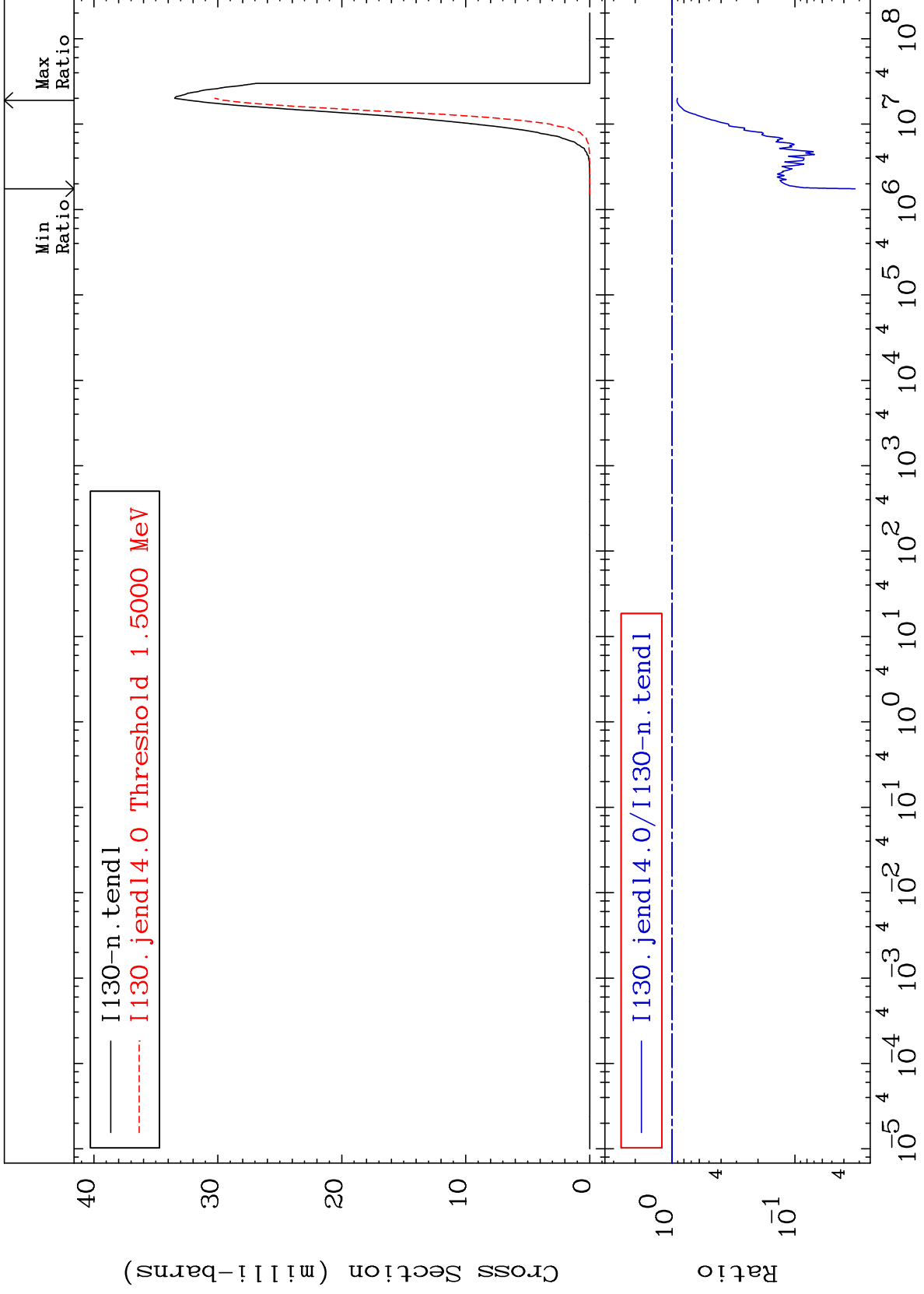
Incident Energy (eV)

53-I -130

MAT 5334

(n,p)
Cross Section

53-I -130
-96.76 To -8.616%



41

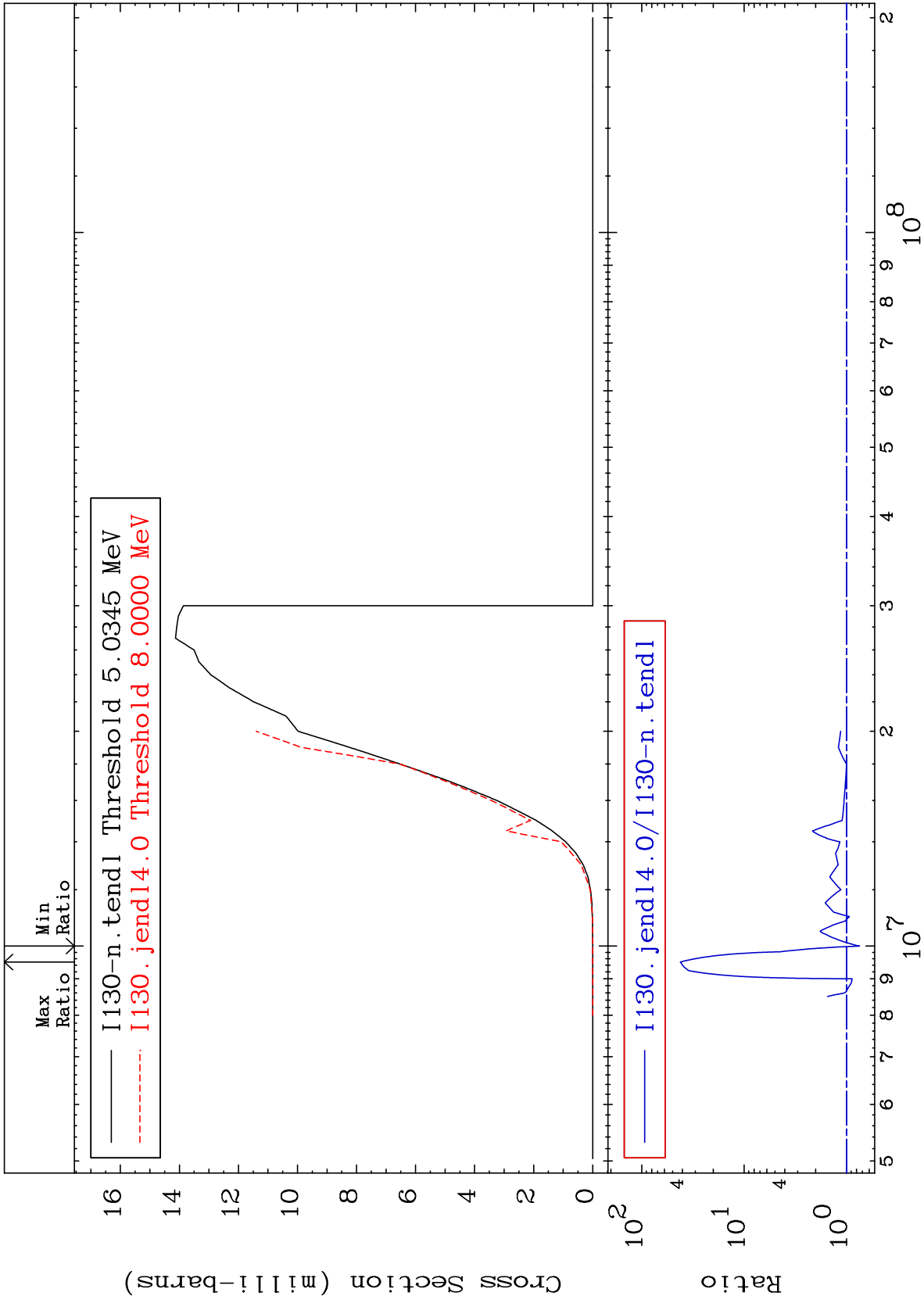
Incident Energy (eV)

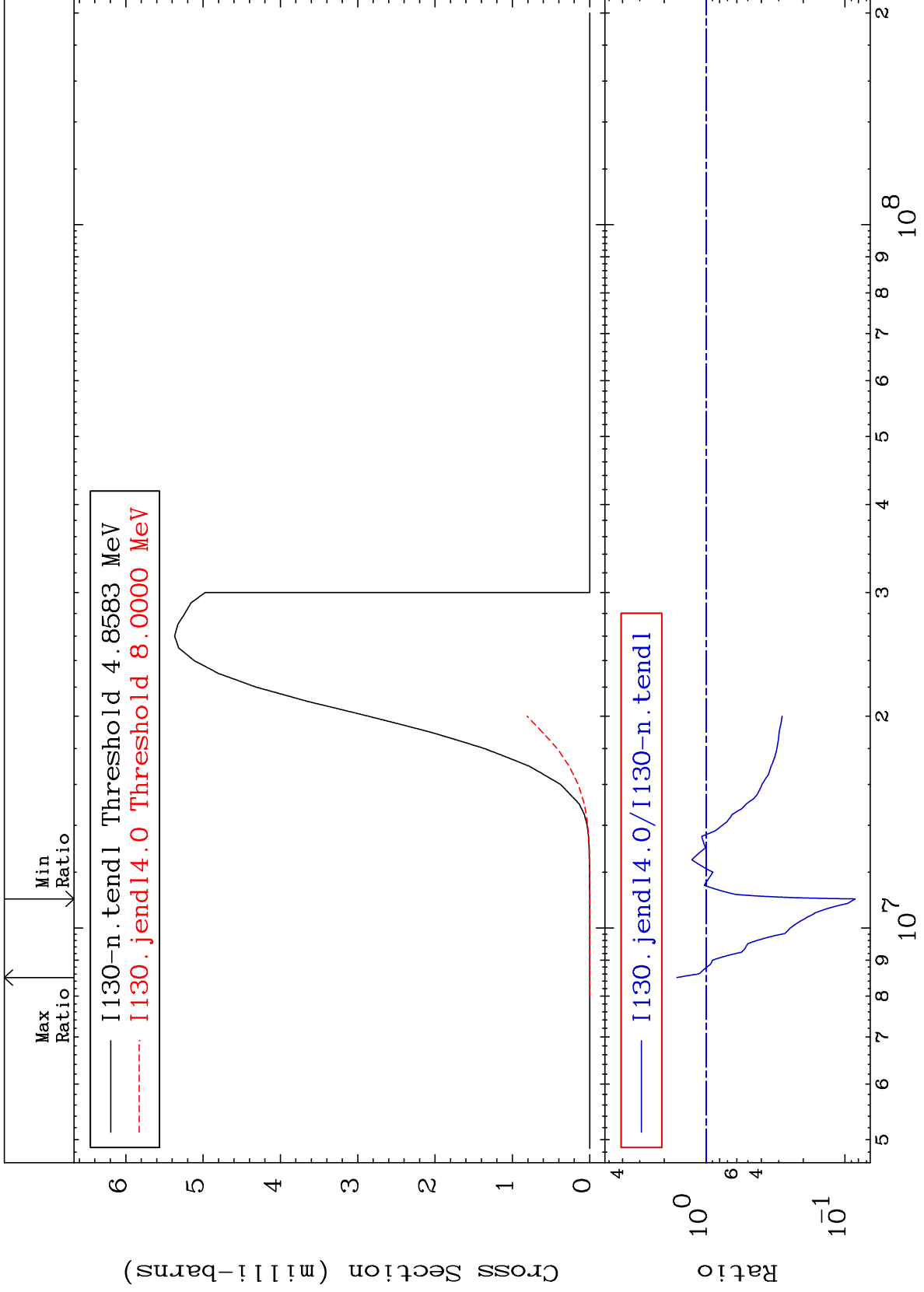
53-I -130

MAT 5334

(n, d)
Cross Section

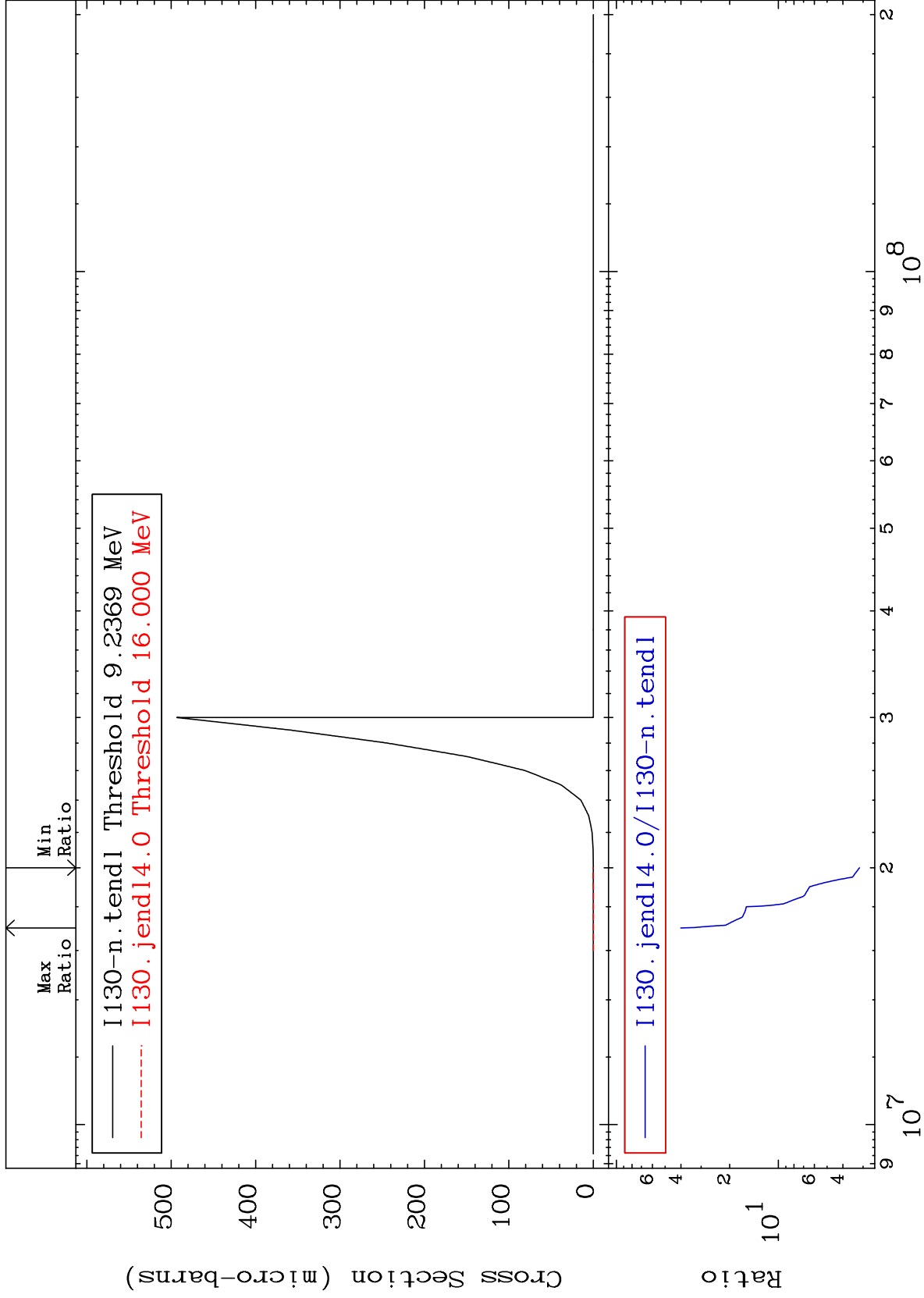
53-I -130
-25.25 To 4095. %





Cross Section

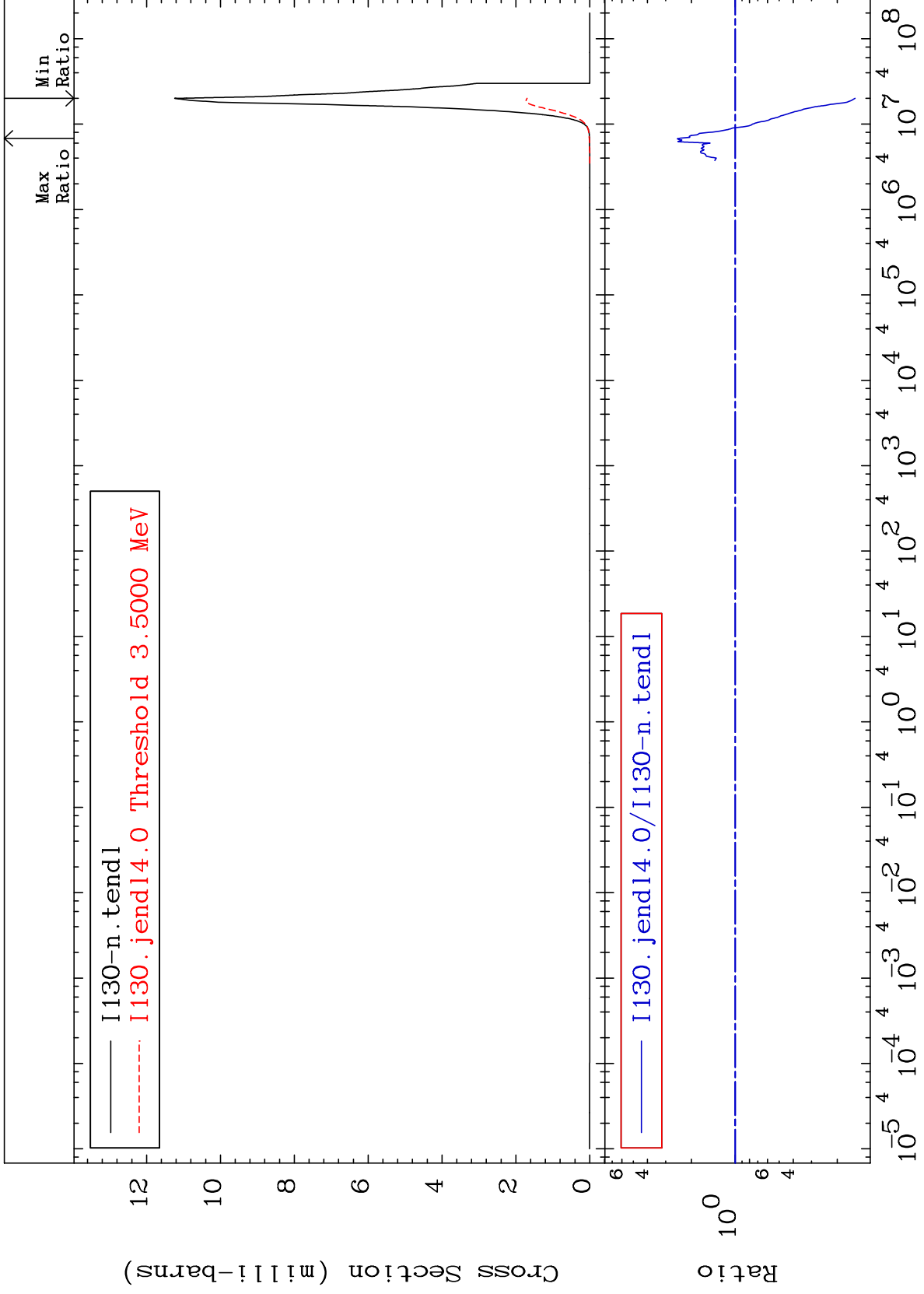
215.4 To 3904. %



MAT 5334

(n, α)
Cross Section

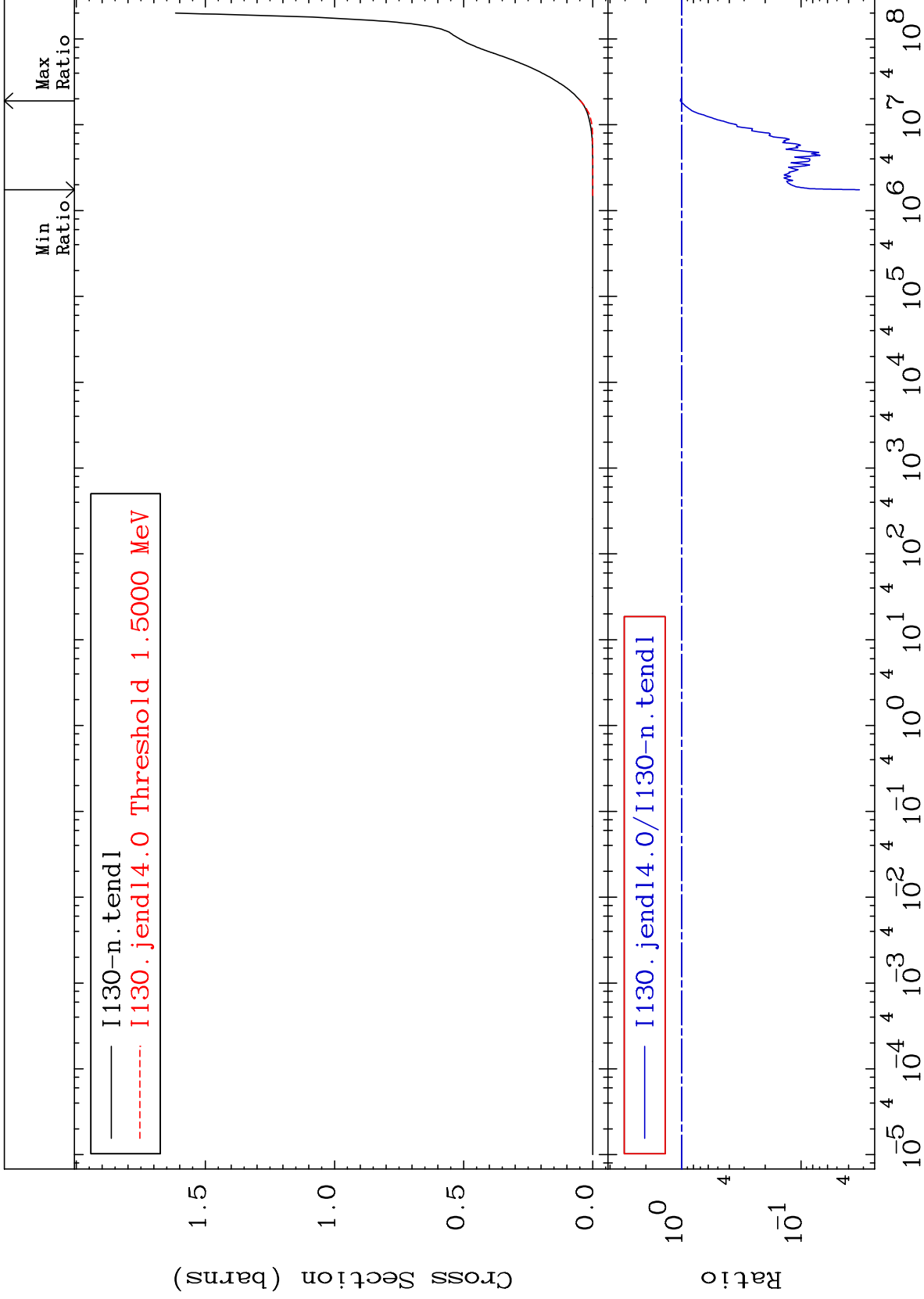
53-I -130
-84.93 To 151.4 %

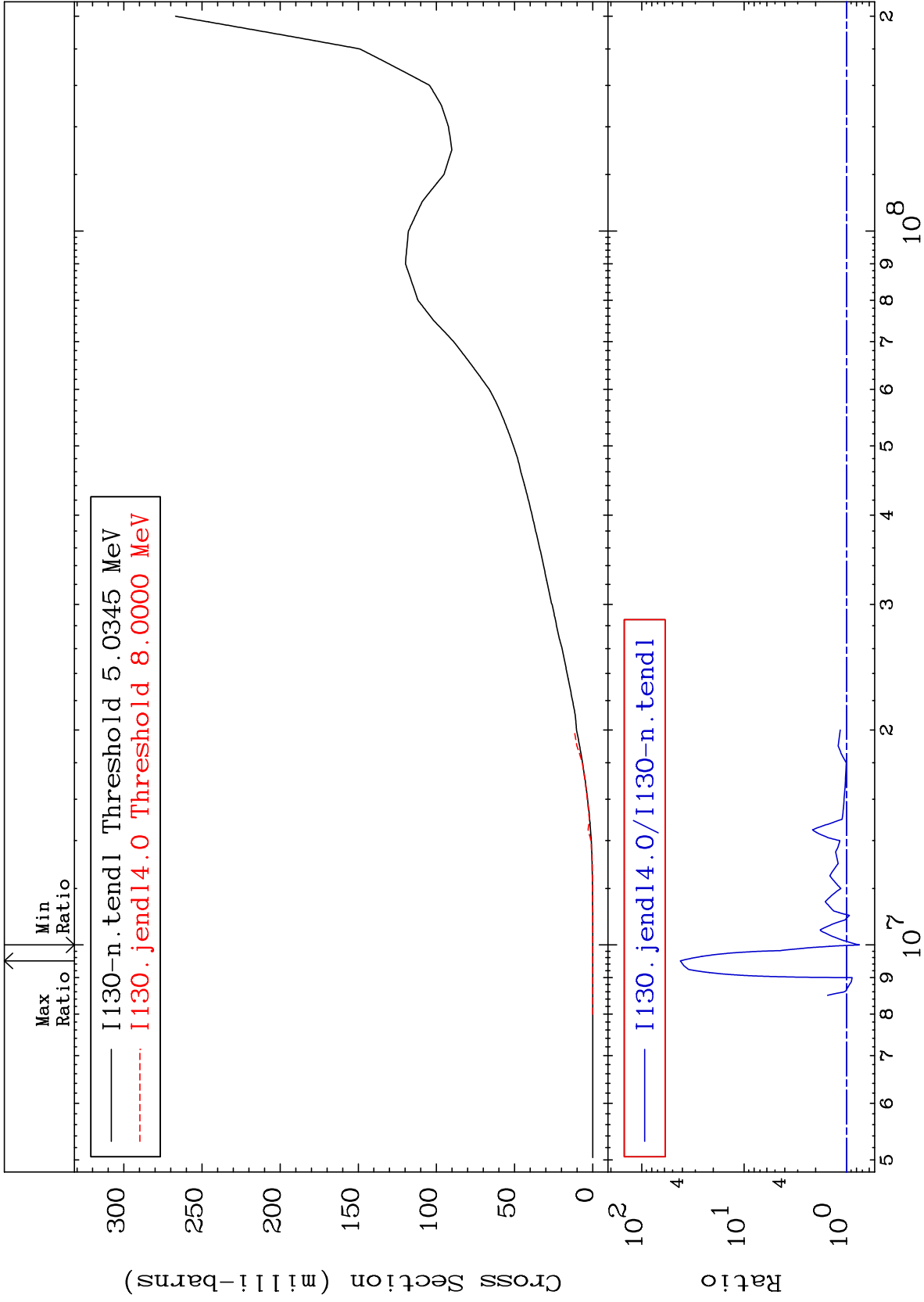


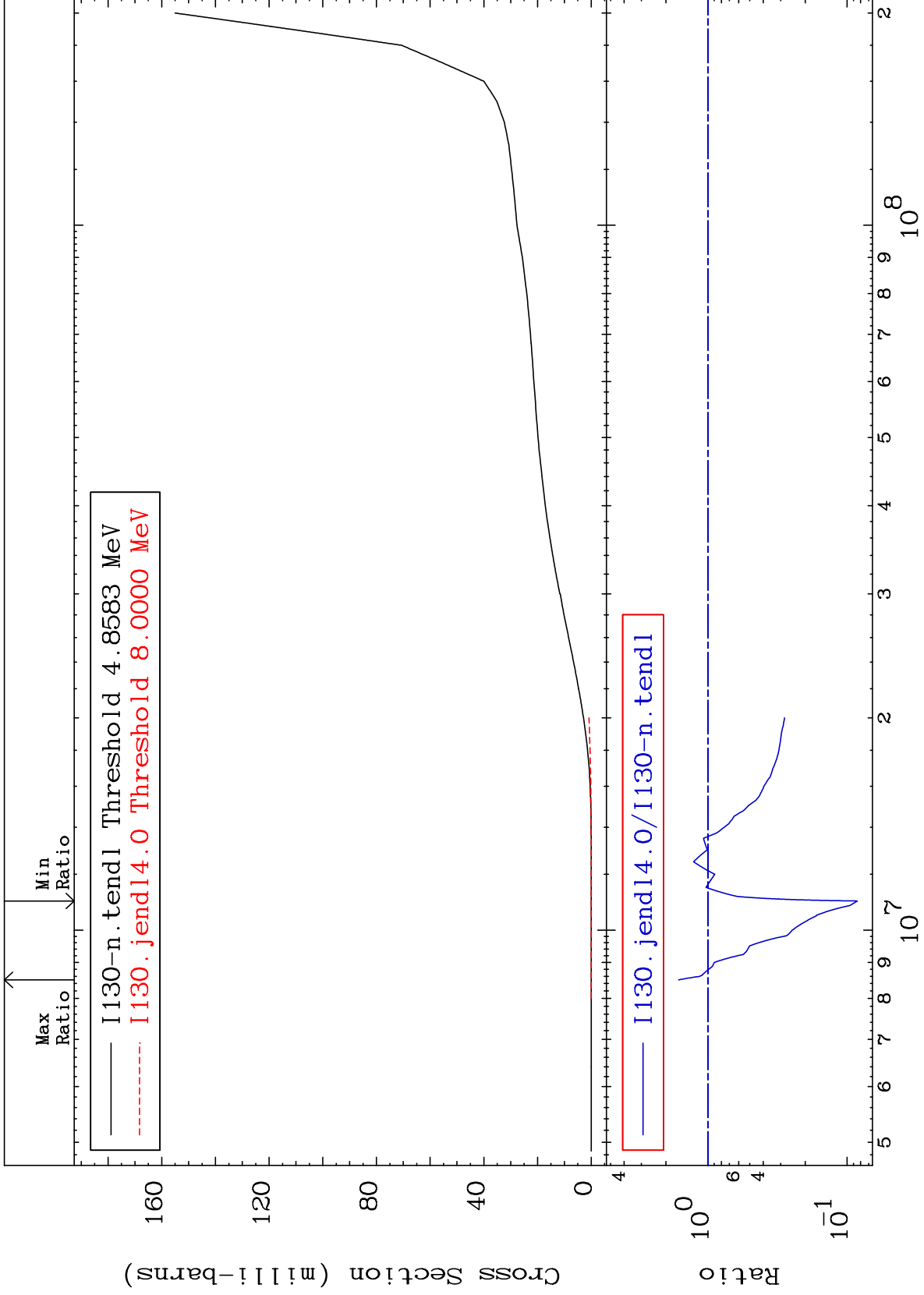
45

Incident Energy (eV)

53-I -130



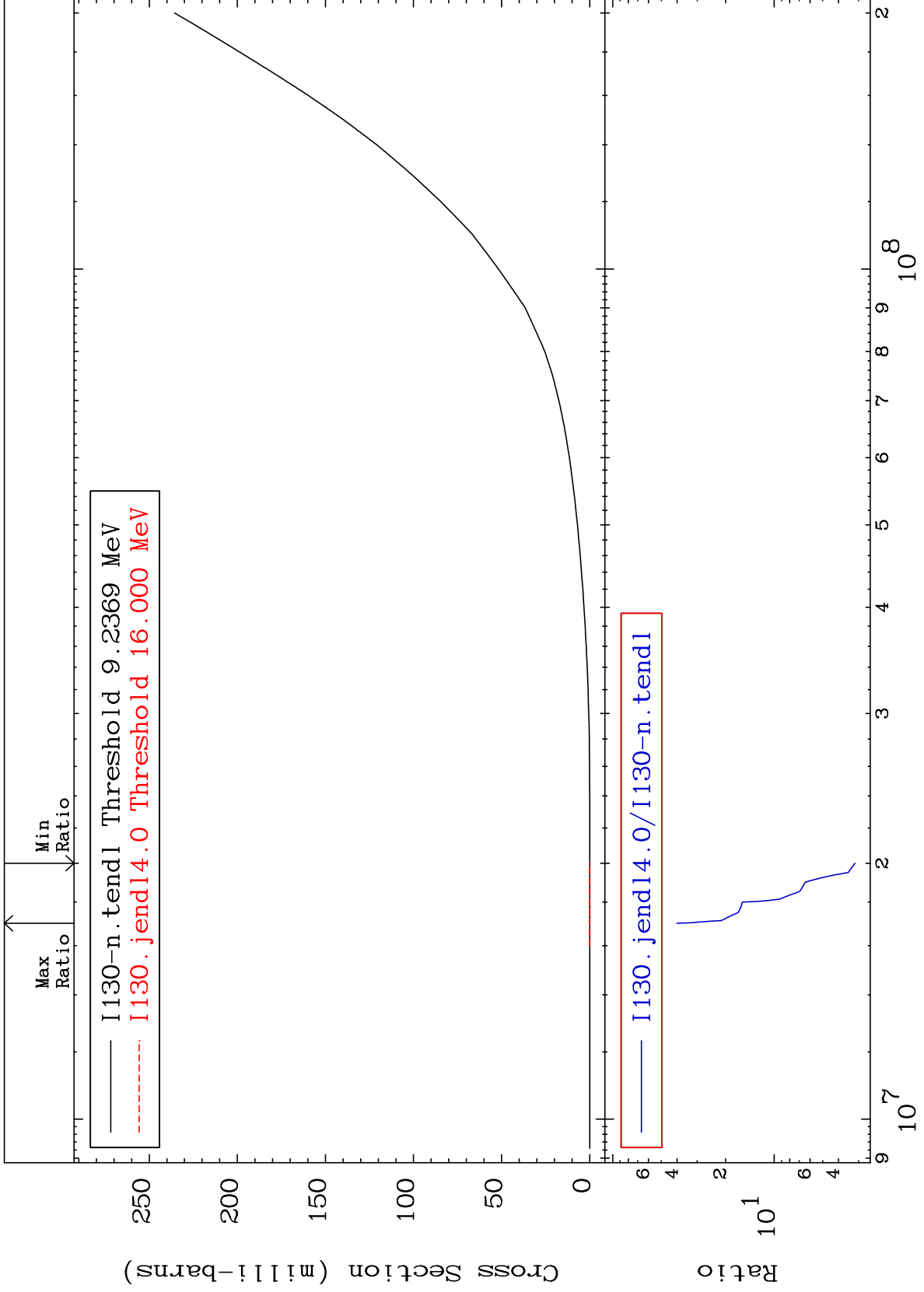




MAT 5334

He-3 Production
Cross Section

53-I -130
215.4 To 3904. %



49

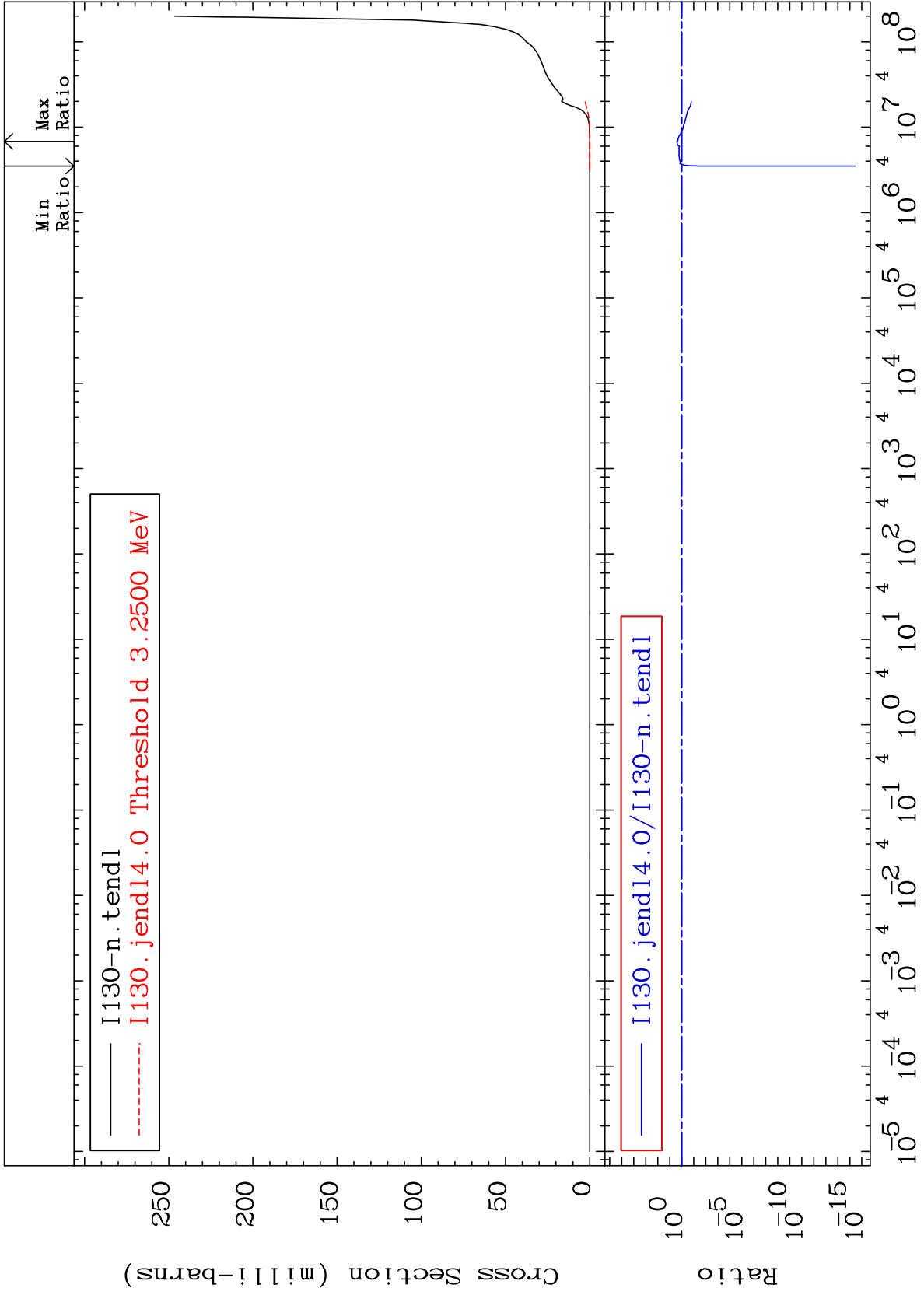
Incident Energy (eV)

53-I -130

MAT 5334

He-4 Production
Cross Section

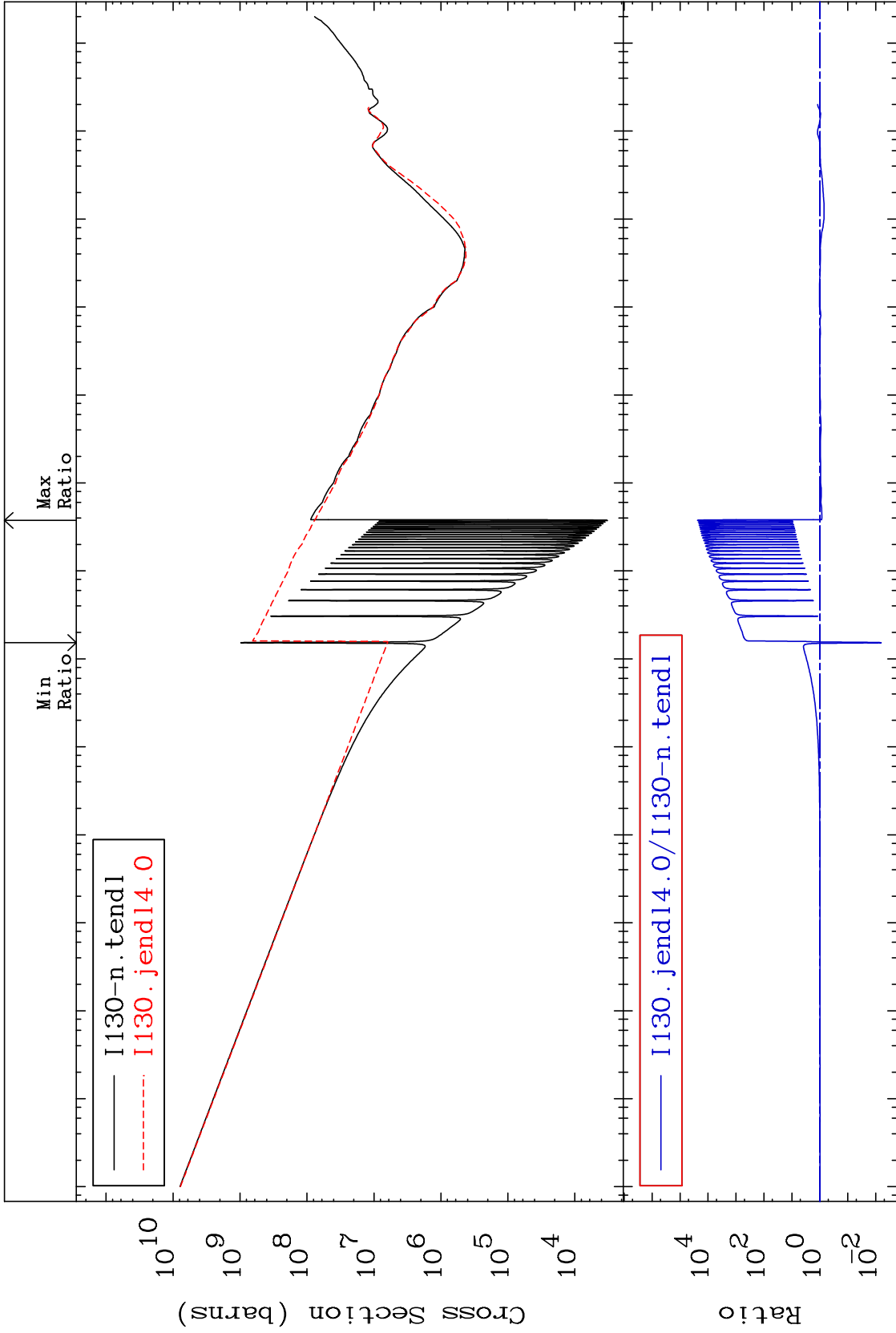
53-I -130
-100.0 To 151.4 %



50

Incident Energy (eV)

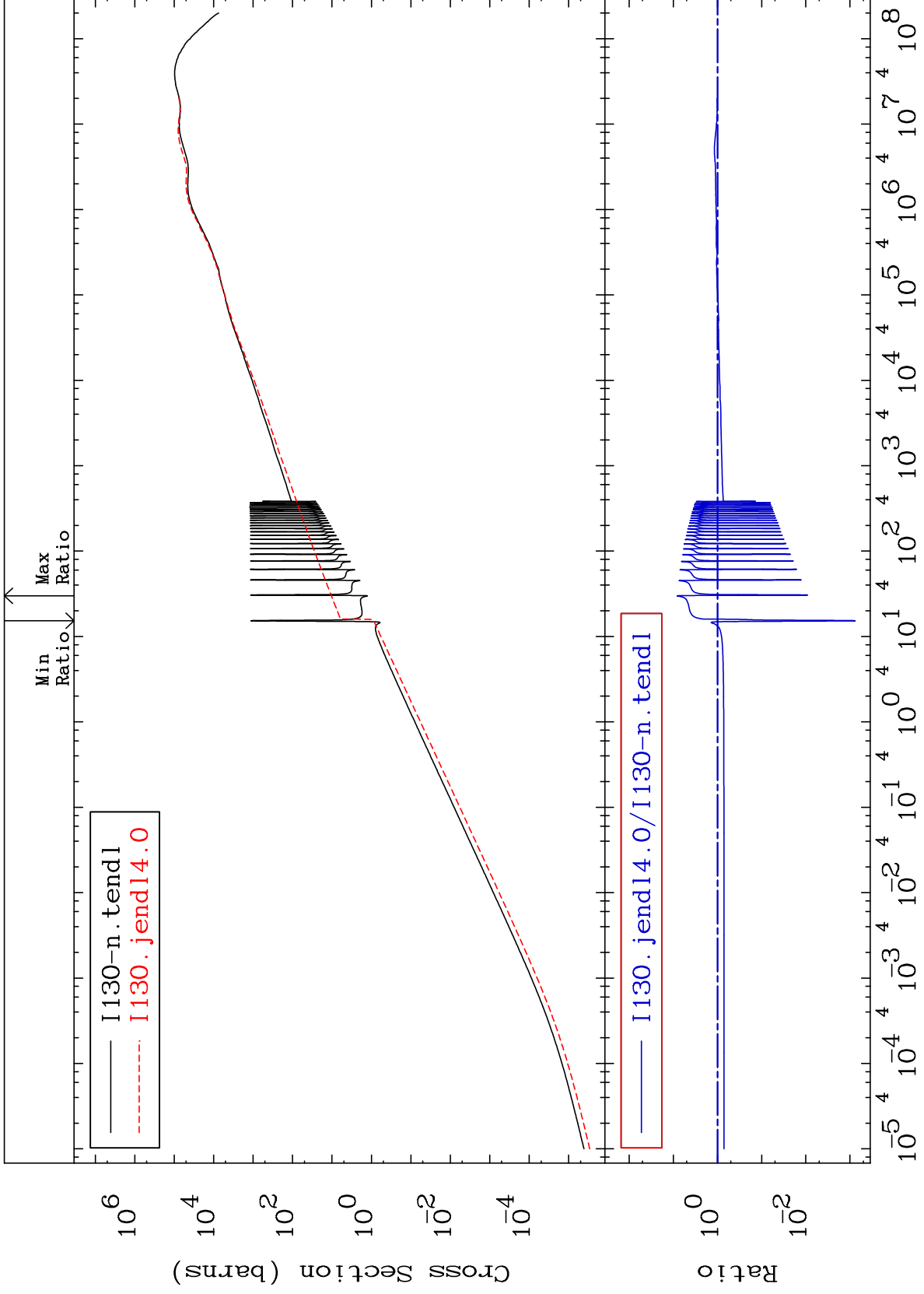
53-I -130

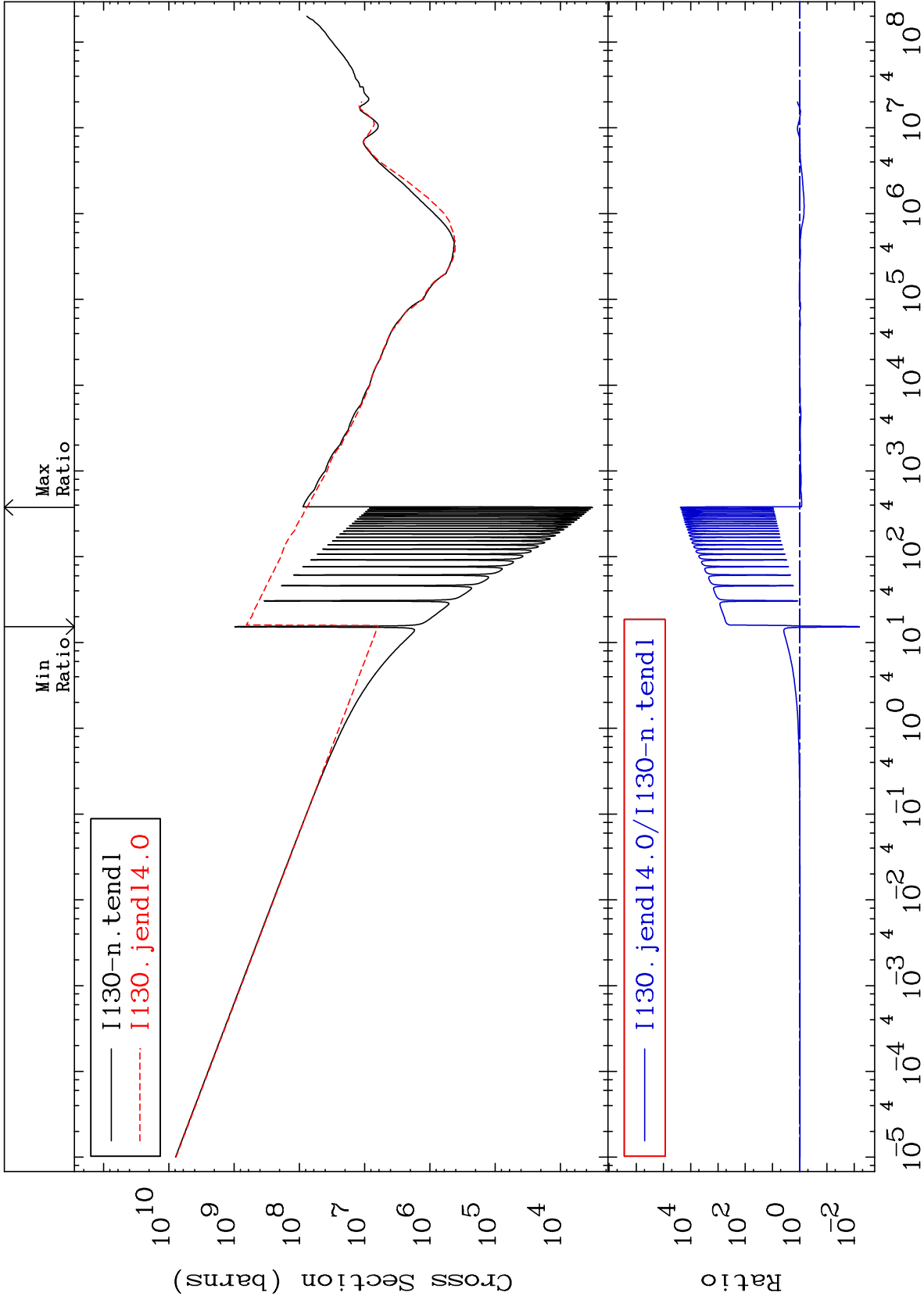


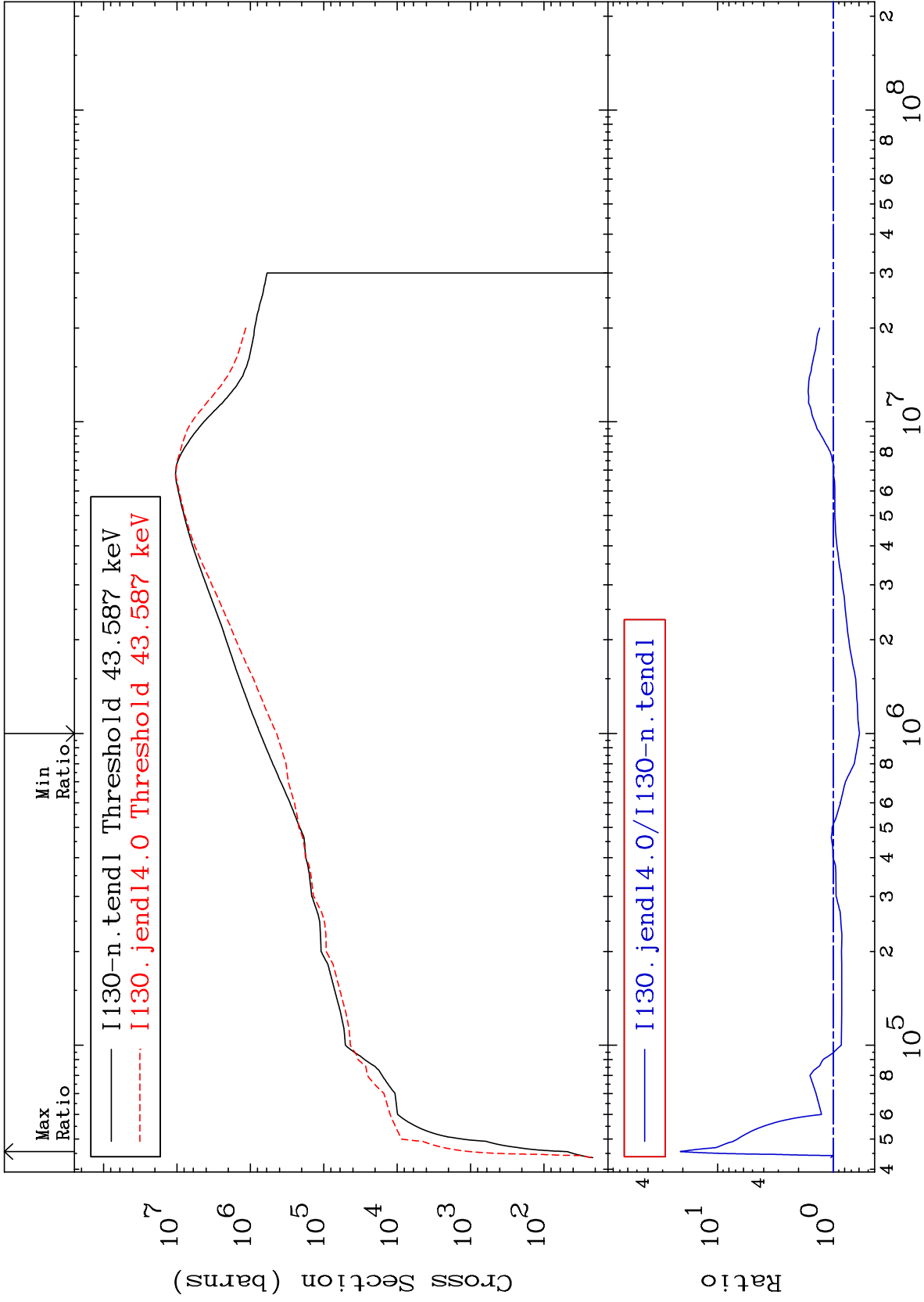
MAT 5334

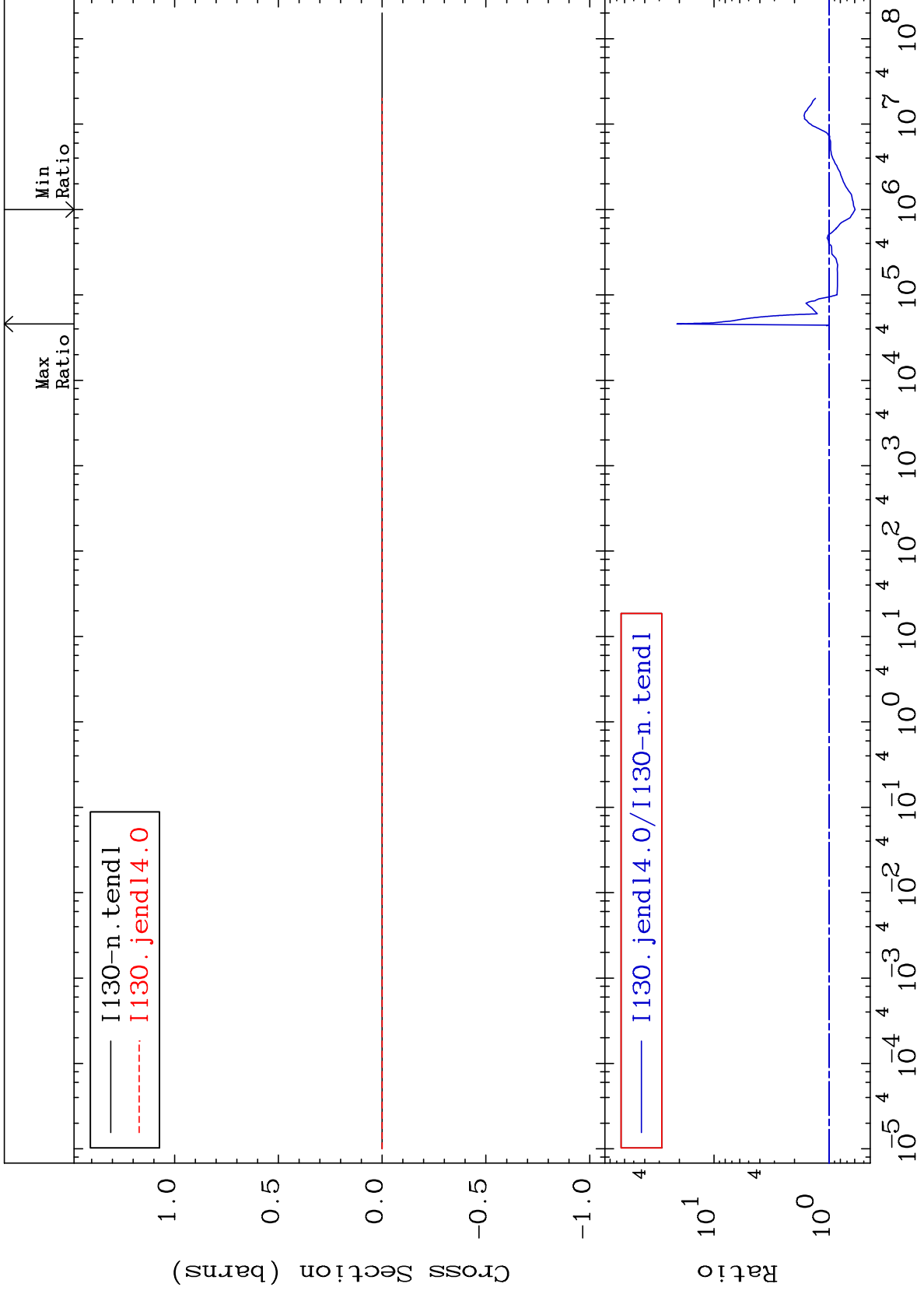
Kerma elastic
Cross Section

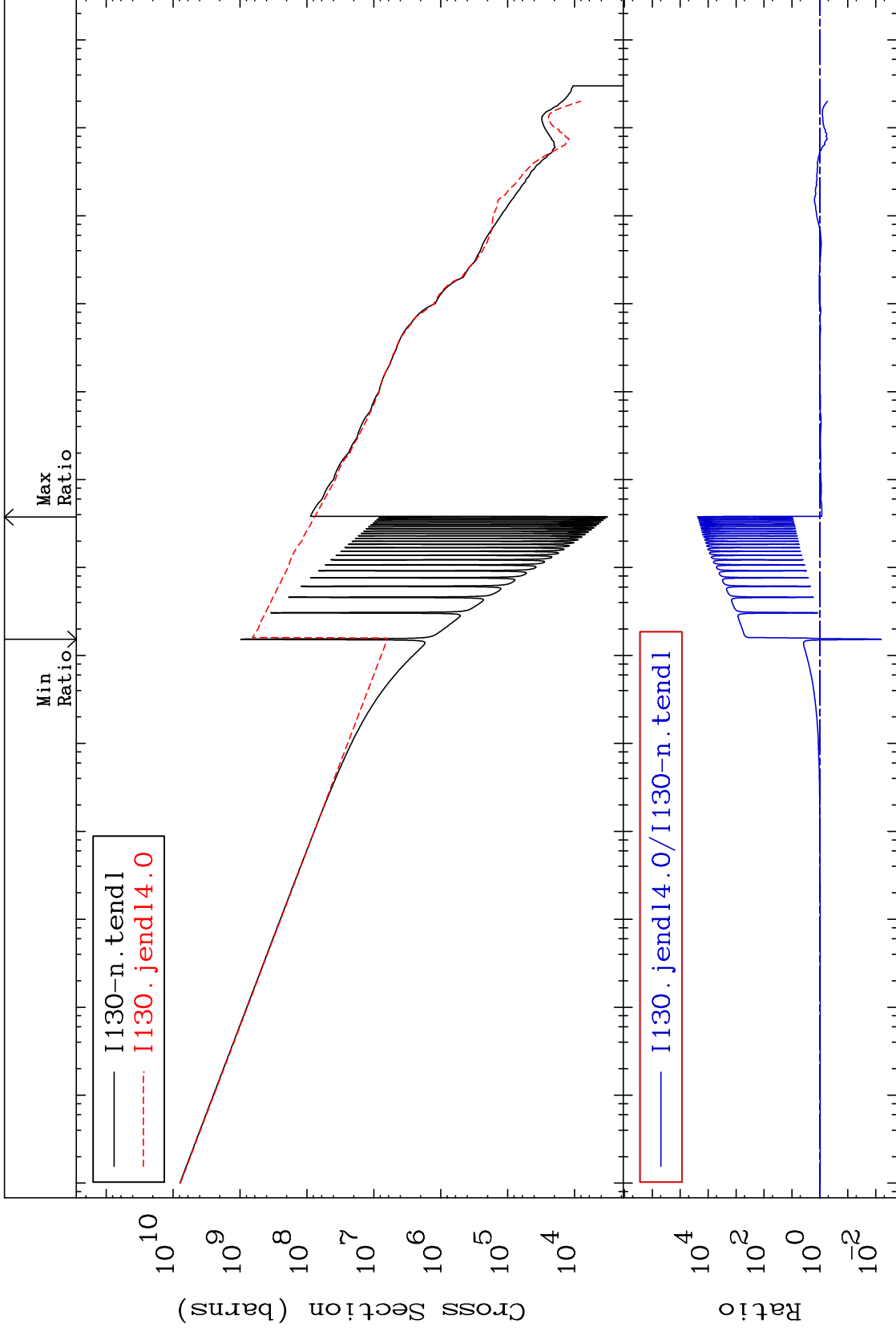
53-I -130
-99.92 To 726.8 %

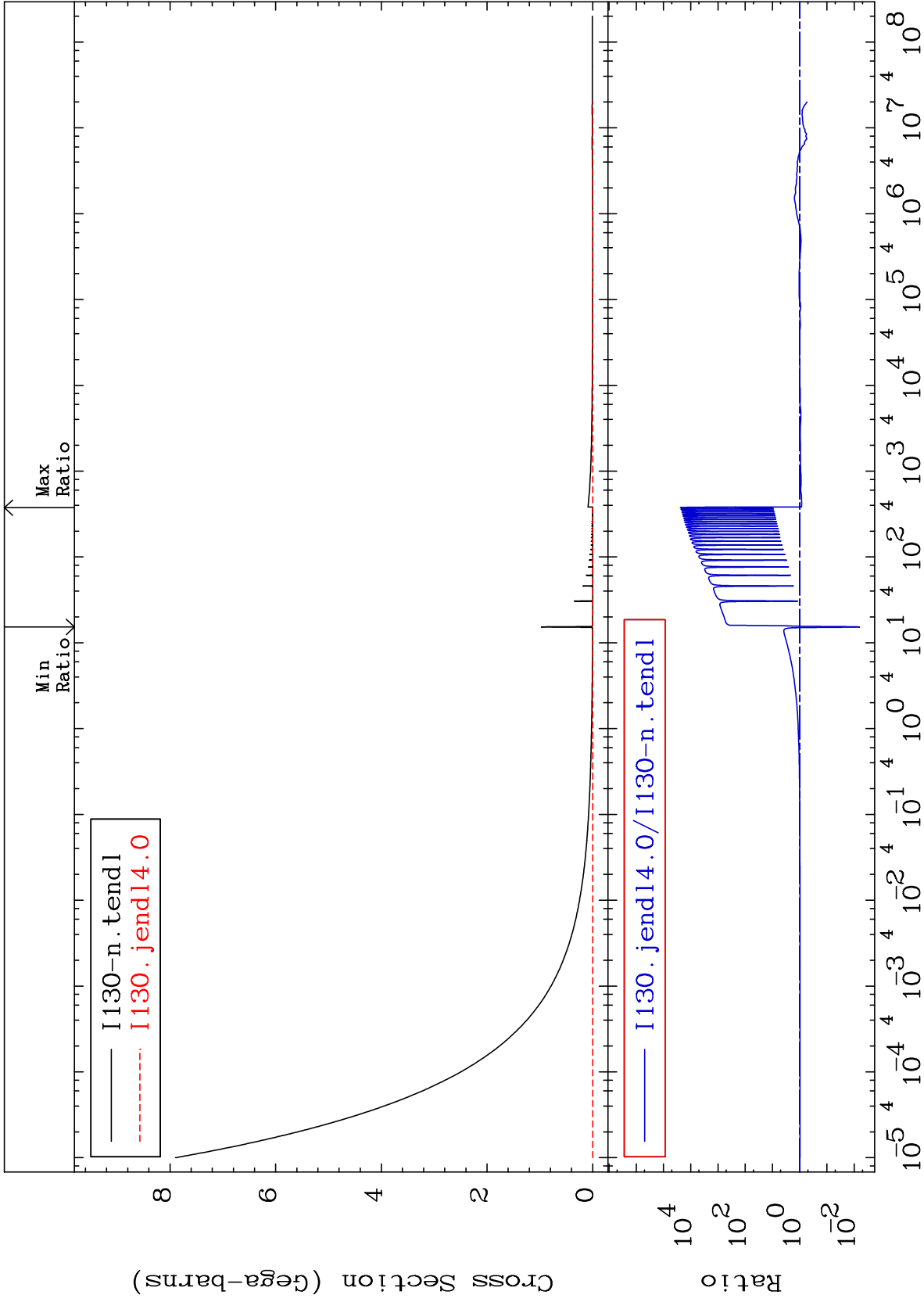


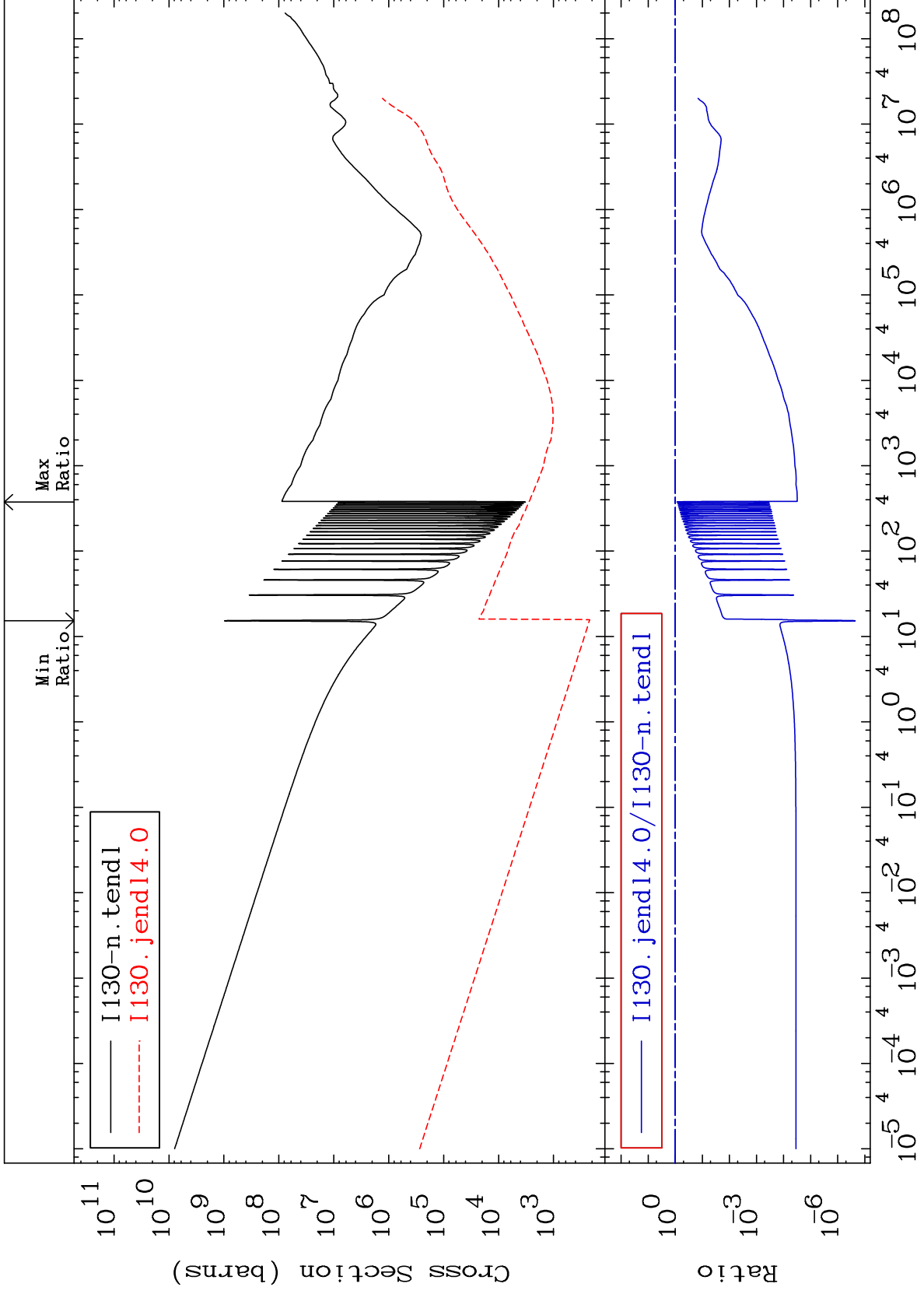


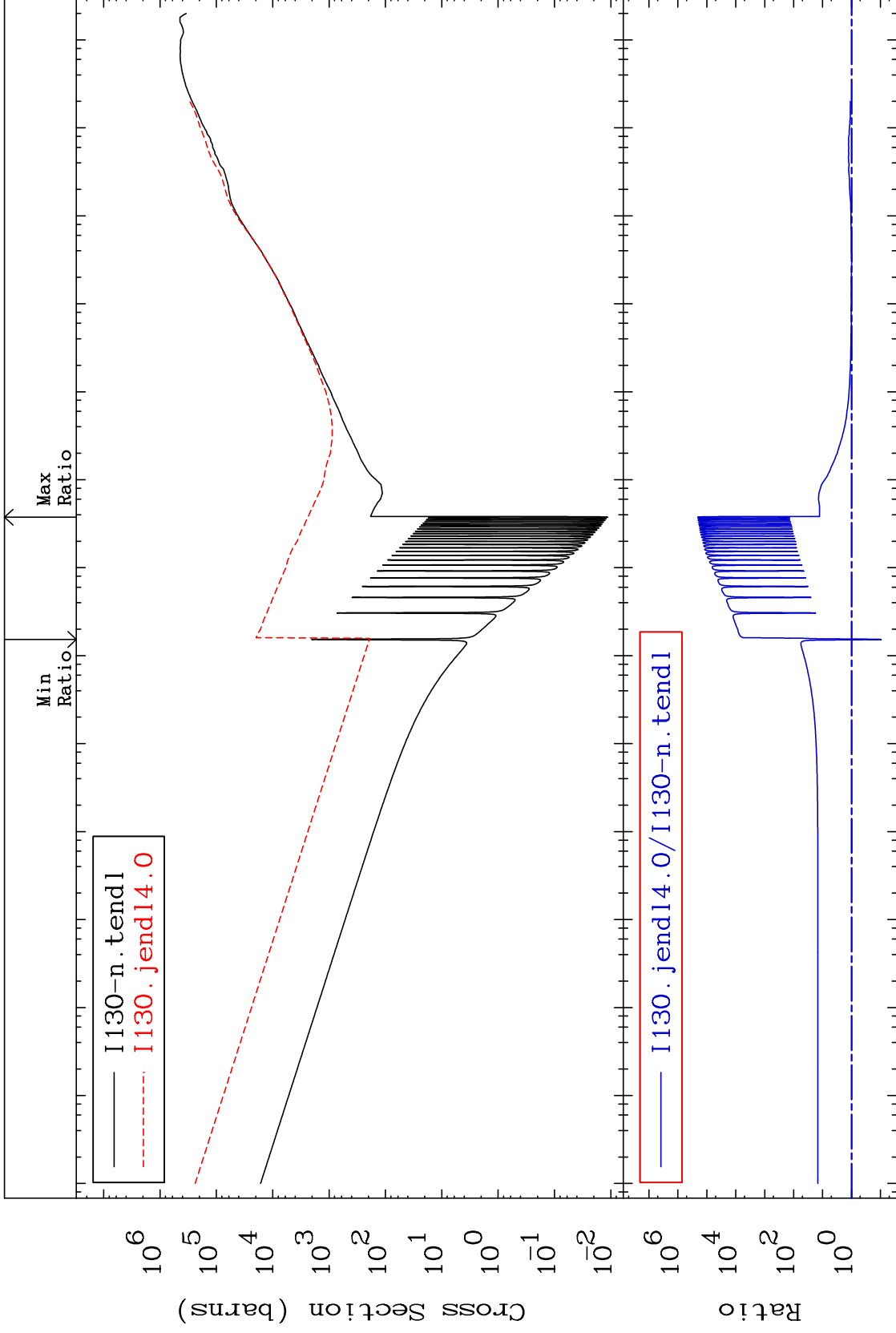








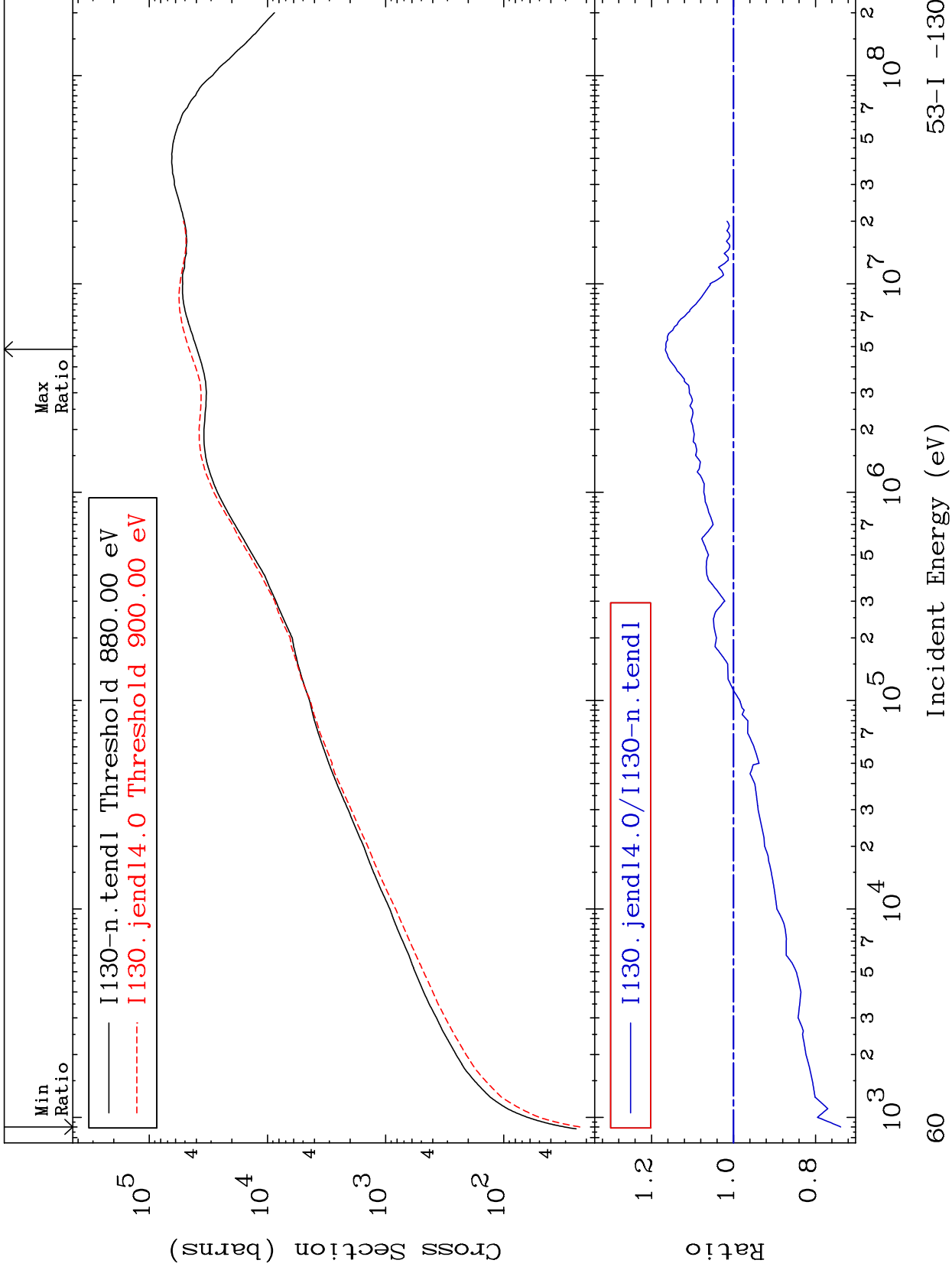




MAT 5334

Dpa elastic (mt2)
Cross Section

53-I -130
-26.14 To 16.59 %



Incident Energy (eV)

53-I -130

