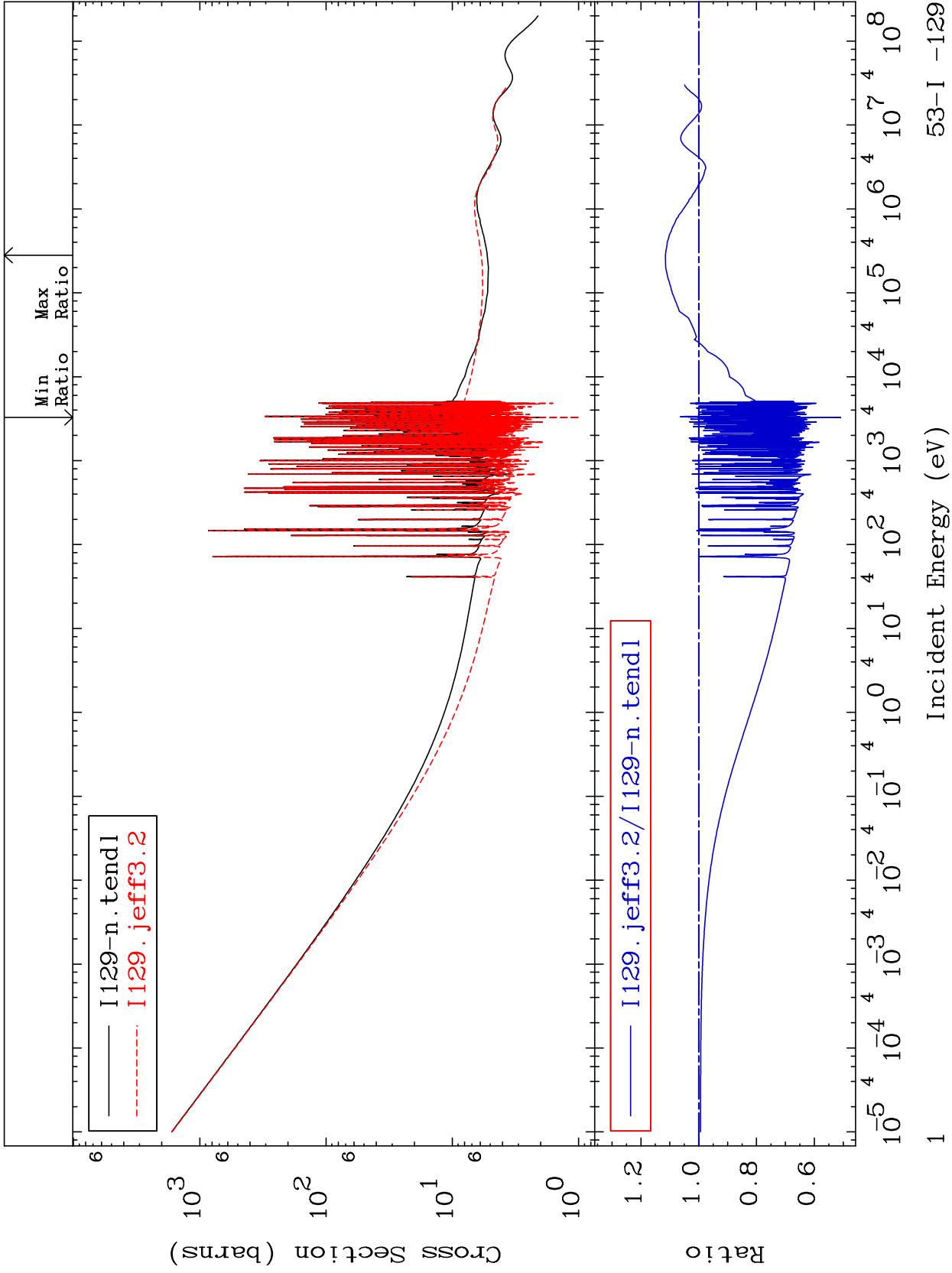


MAT 5331

Total
Cross Section

53-I -129
-49.11 To 11.48 %



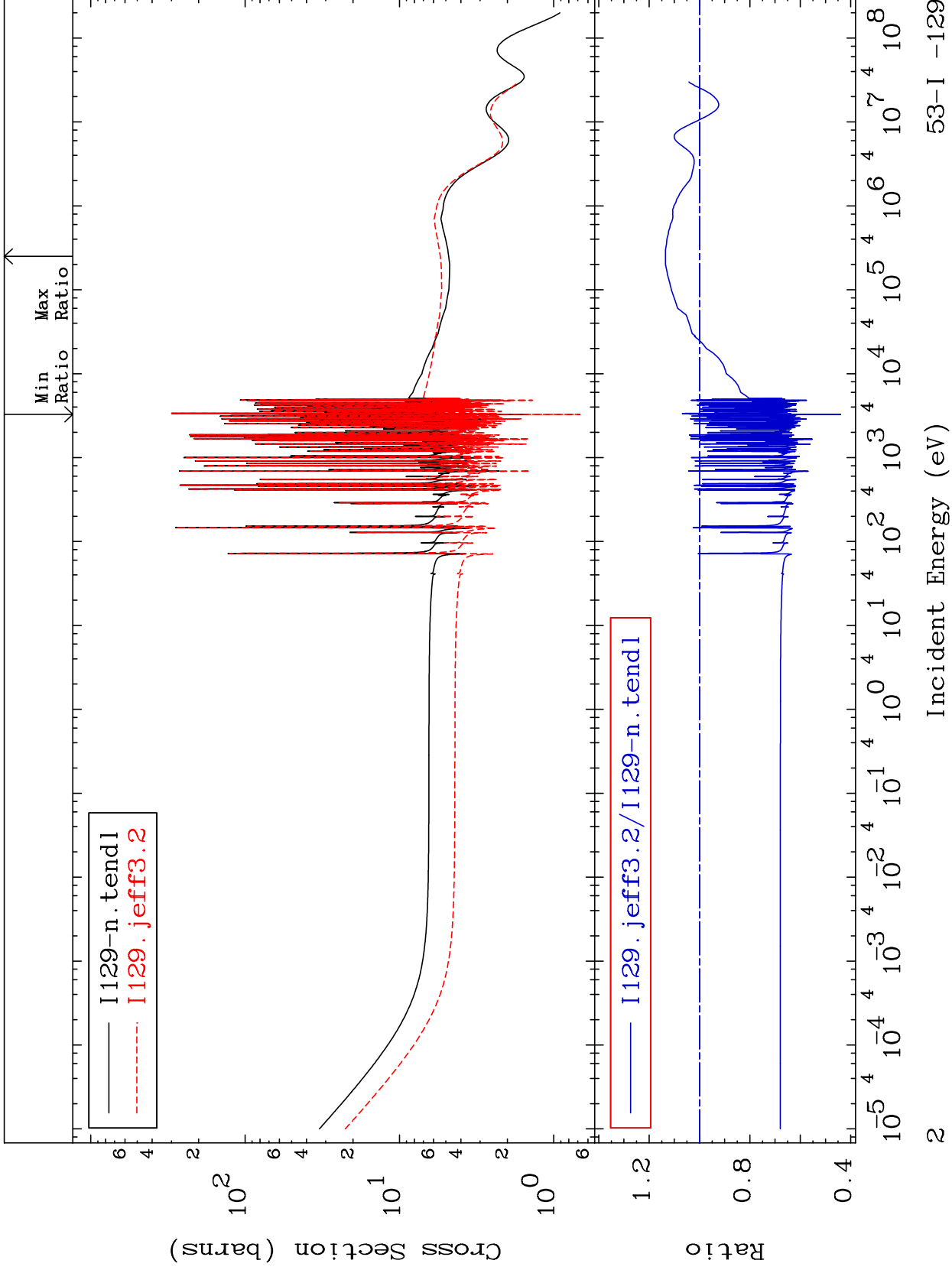
Incident Energy (eV)

53-I -129

MAT 5331

Elastic
Cross Section

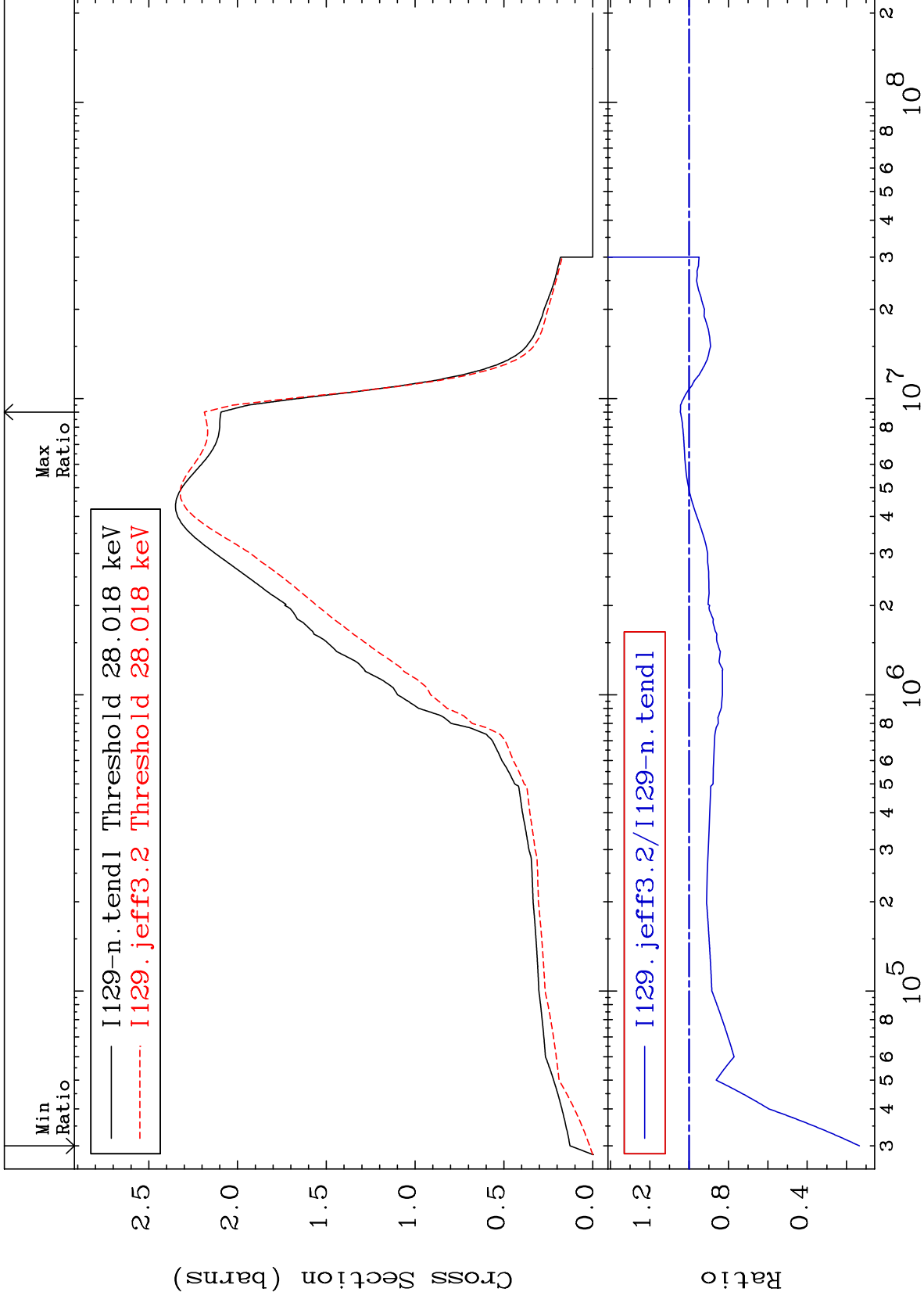
53-I -129
-56.03 To 13.49 %



MAT 5331

Inelastic
Cross Section

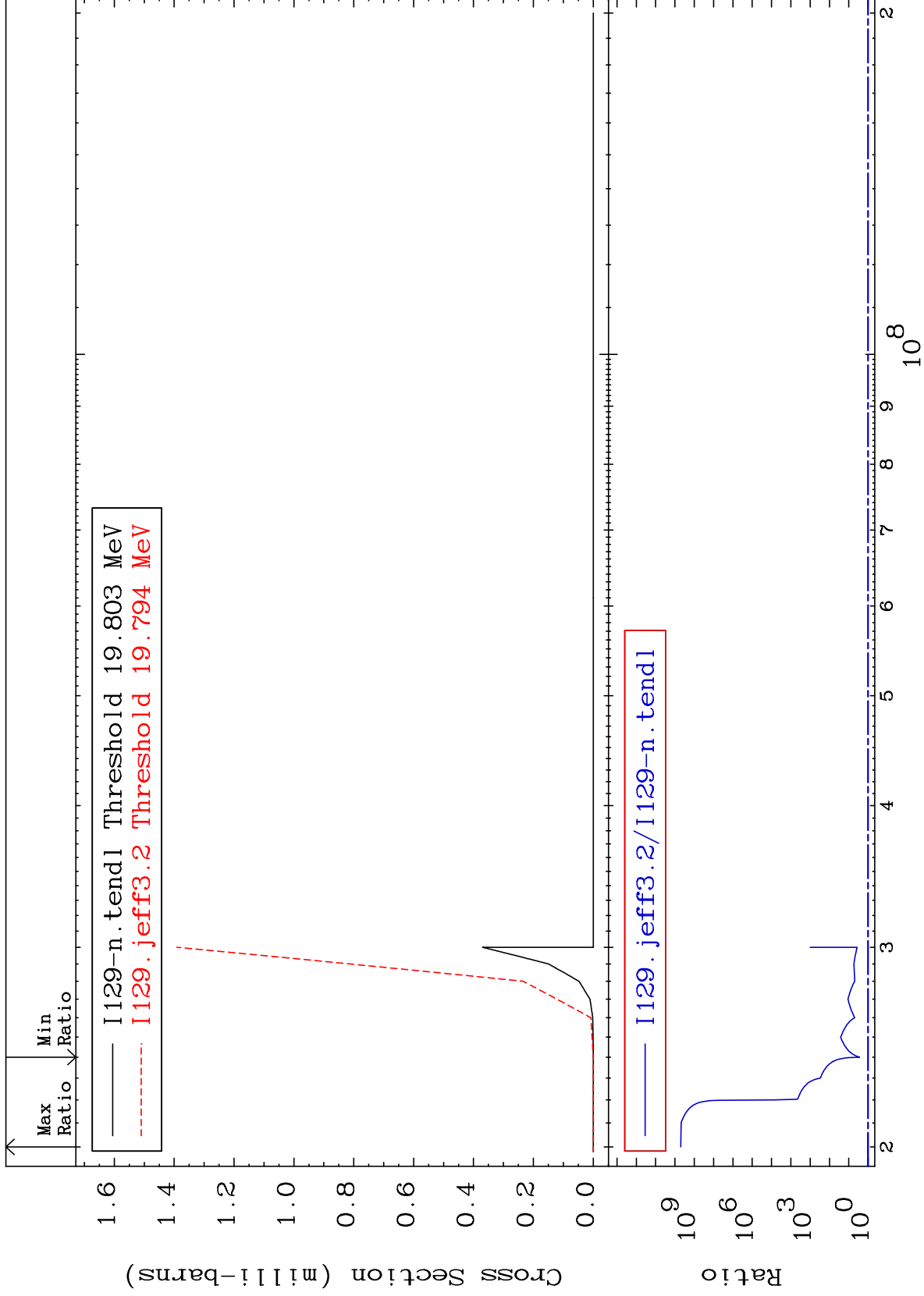
53-I -129
-86.59 To 4.471 %



3

Incident Energy (eV)

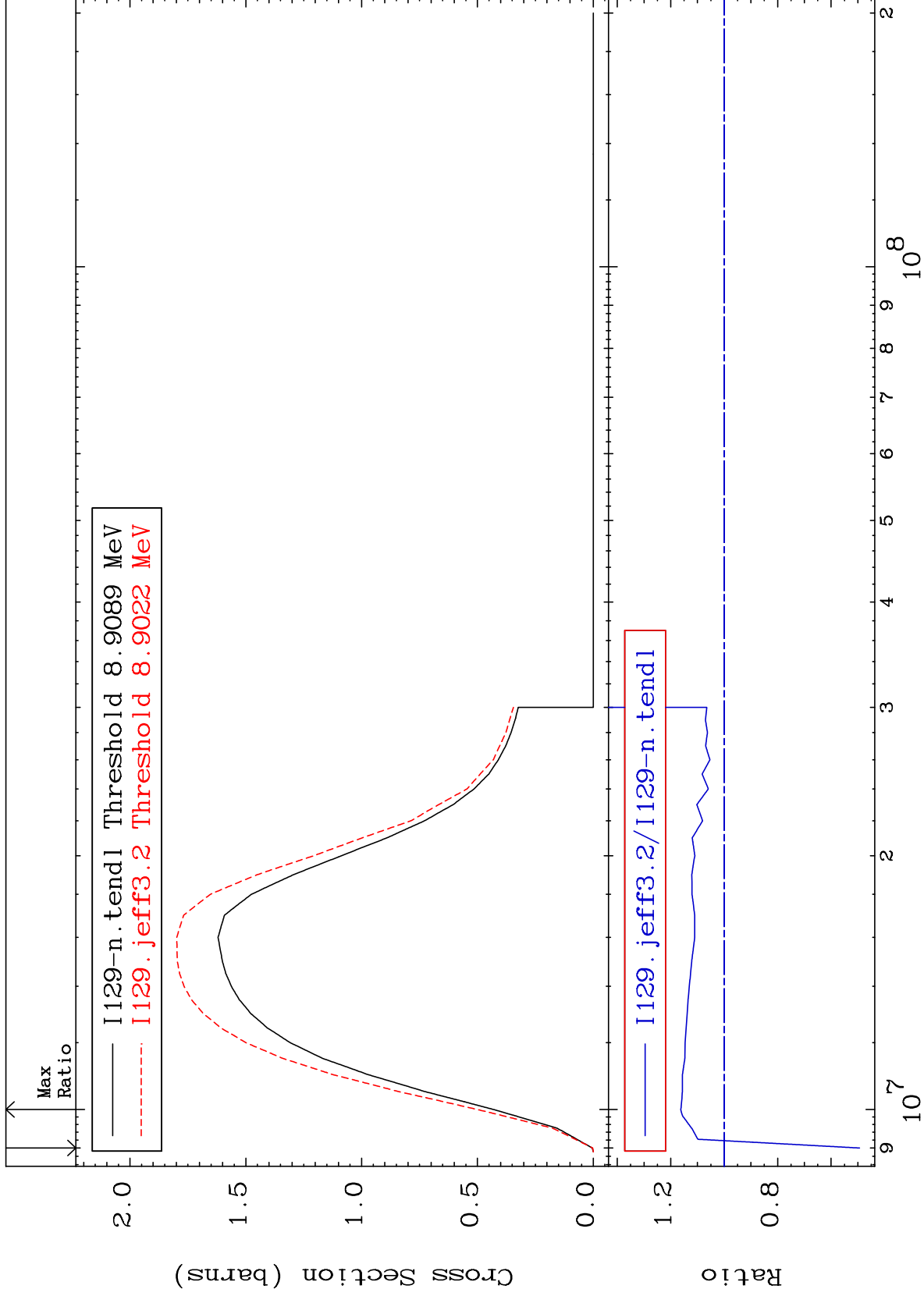
53-I -129



MAT 5331

(n,2n)
Cross Section

53-I -129
-50.63 To 16.25 %

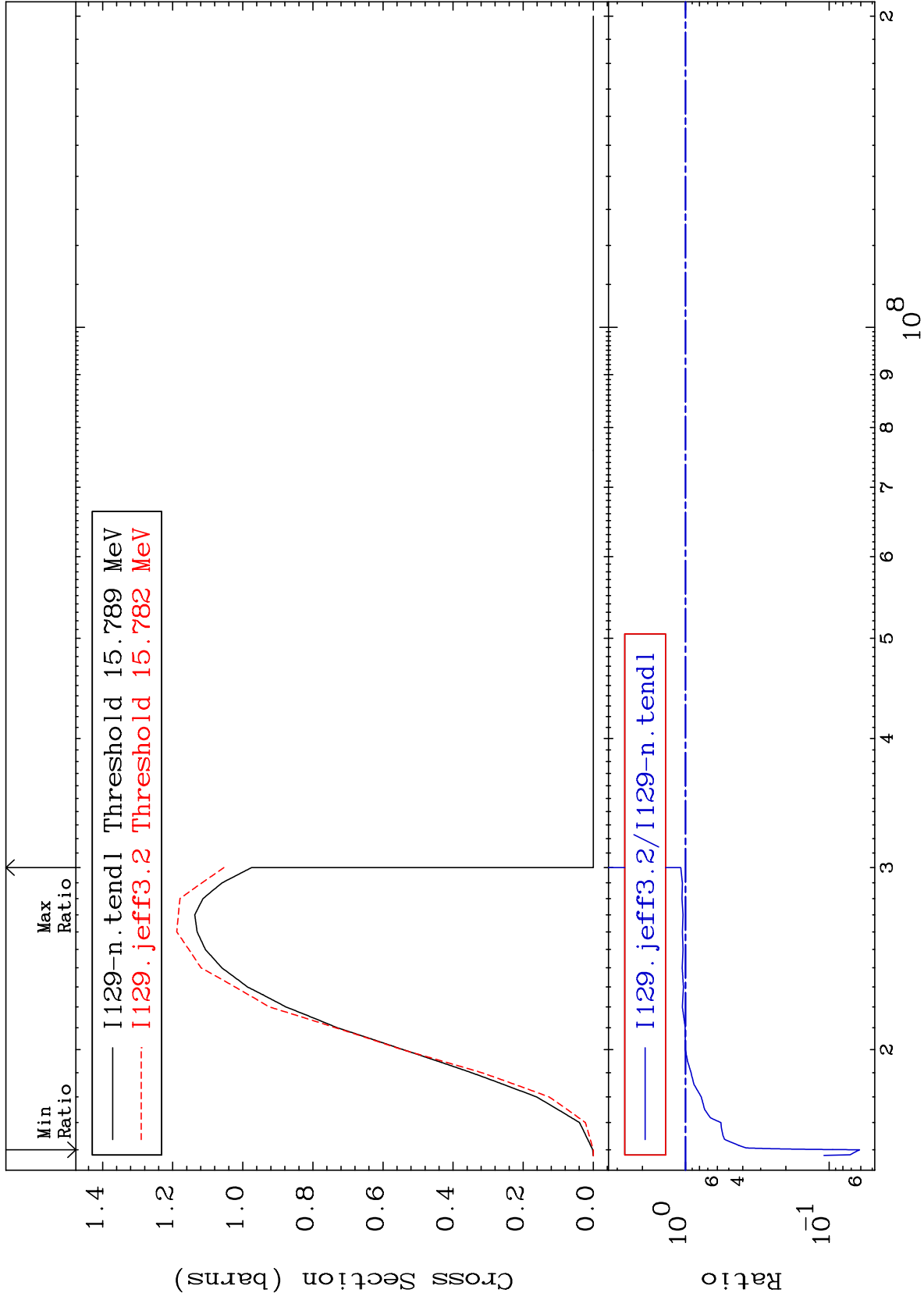


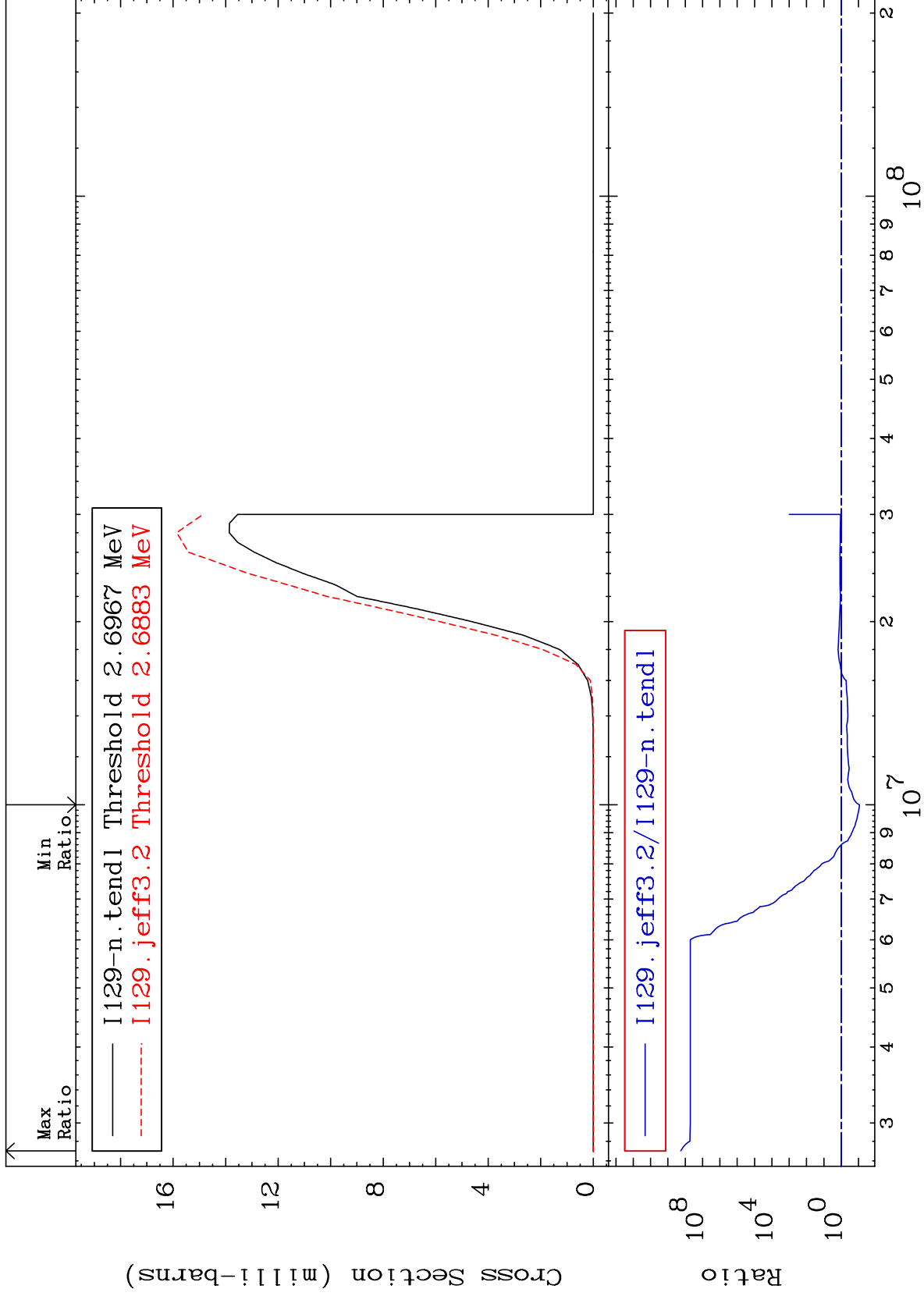
Incident Energy (eV)

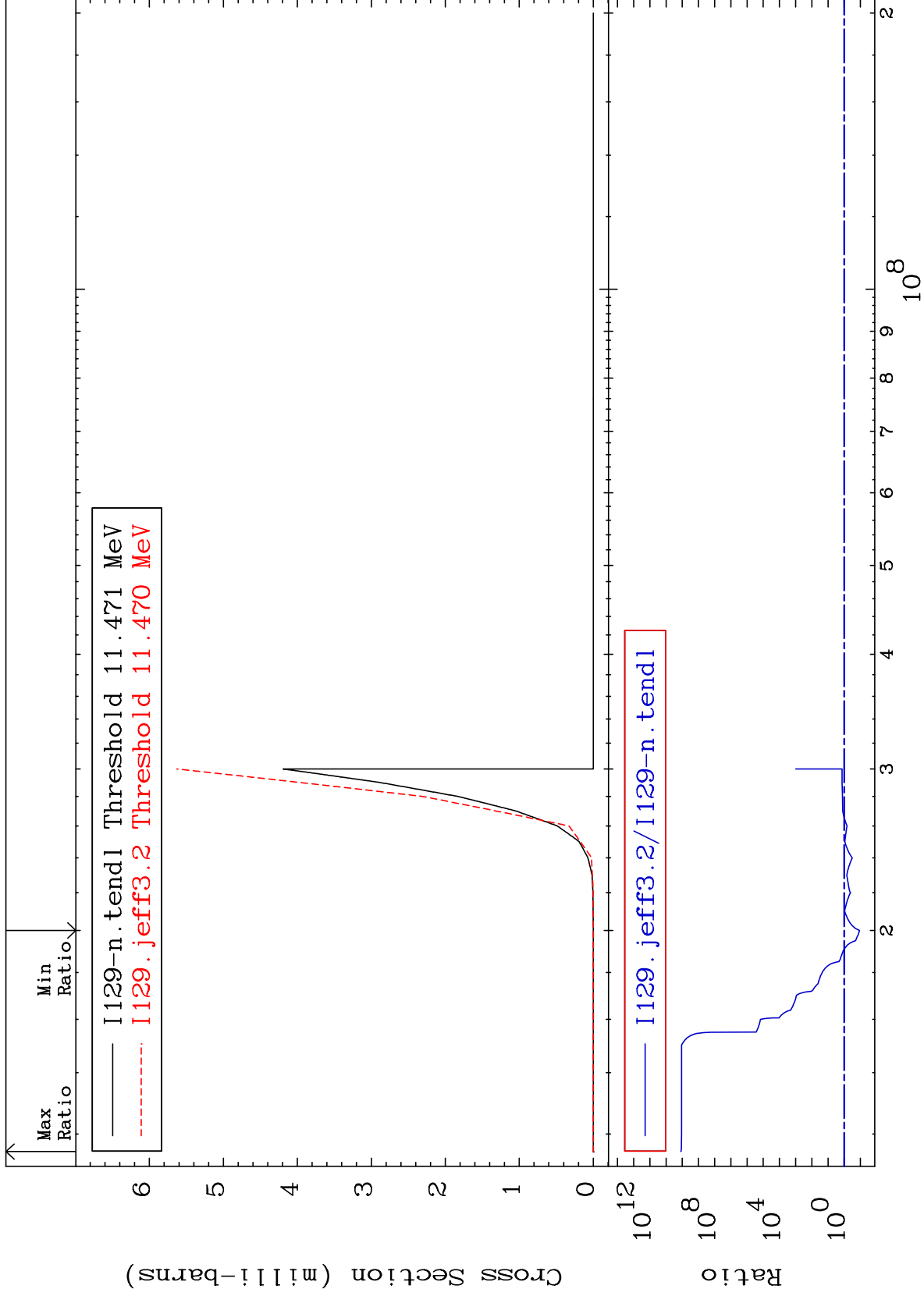
53-I -129

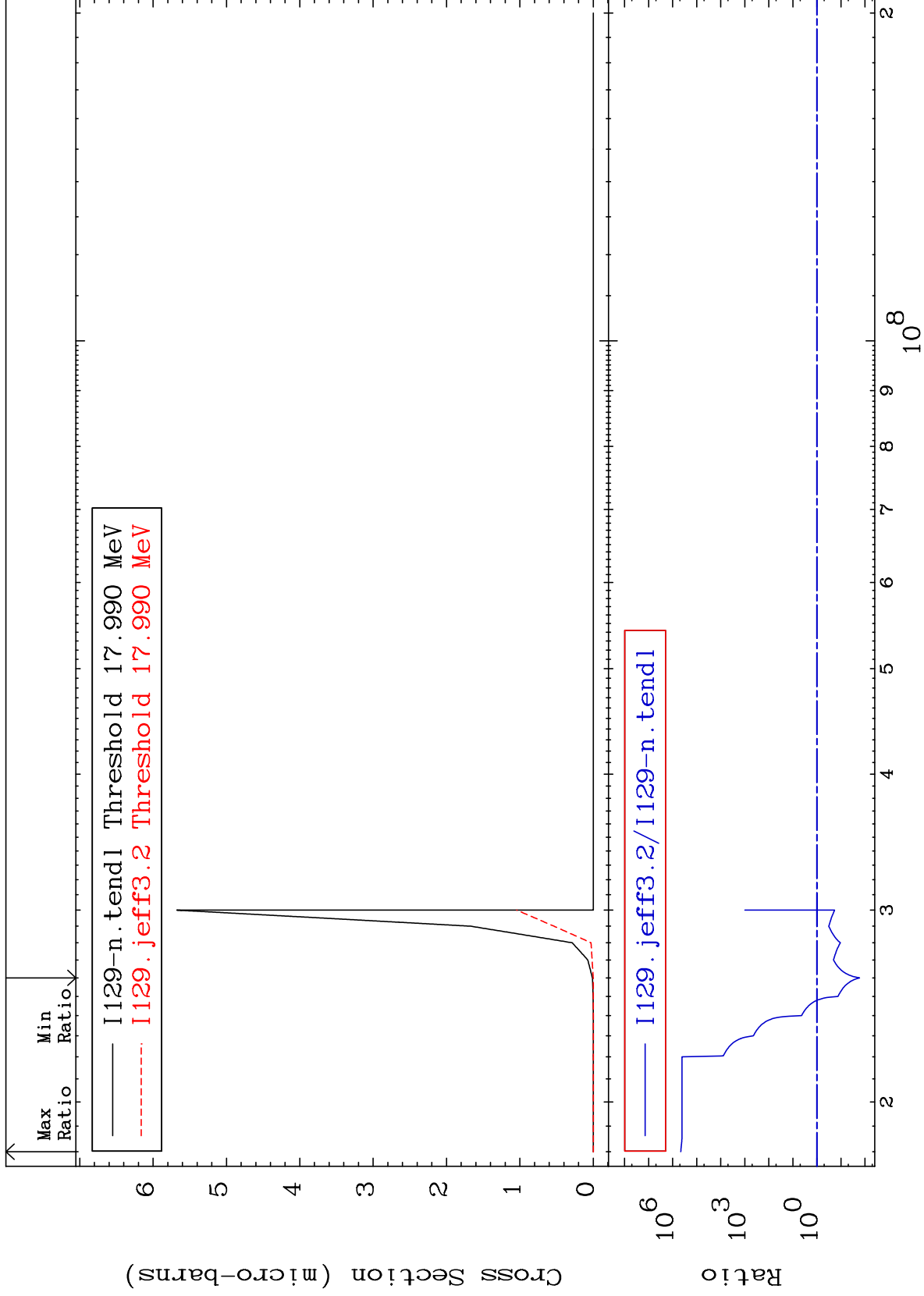
Cross Section

-93.87 To 8.078 %





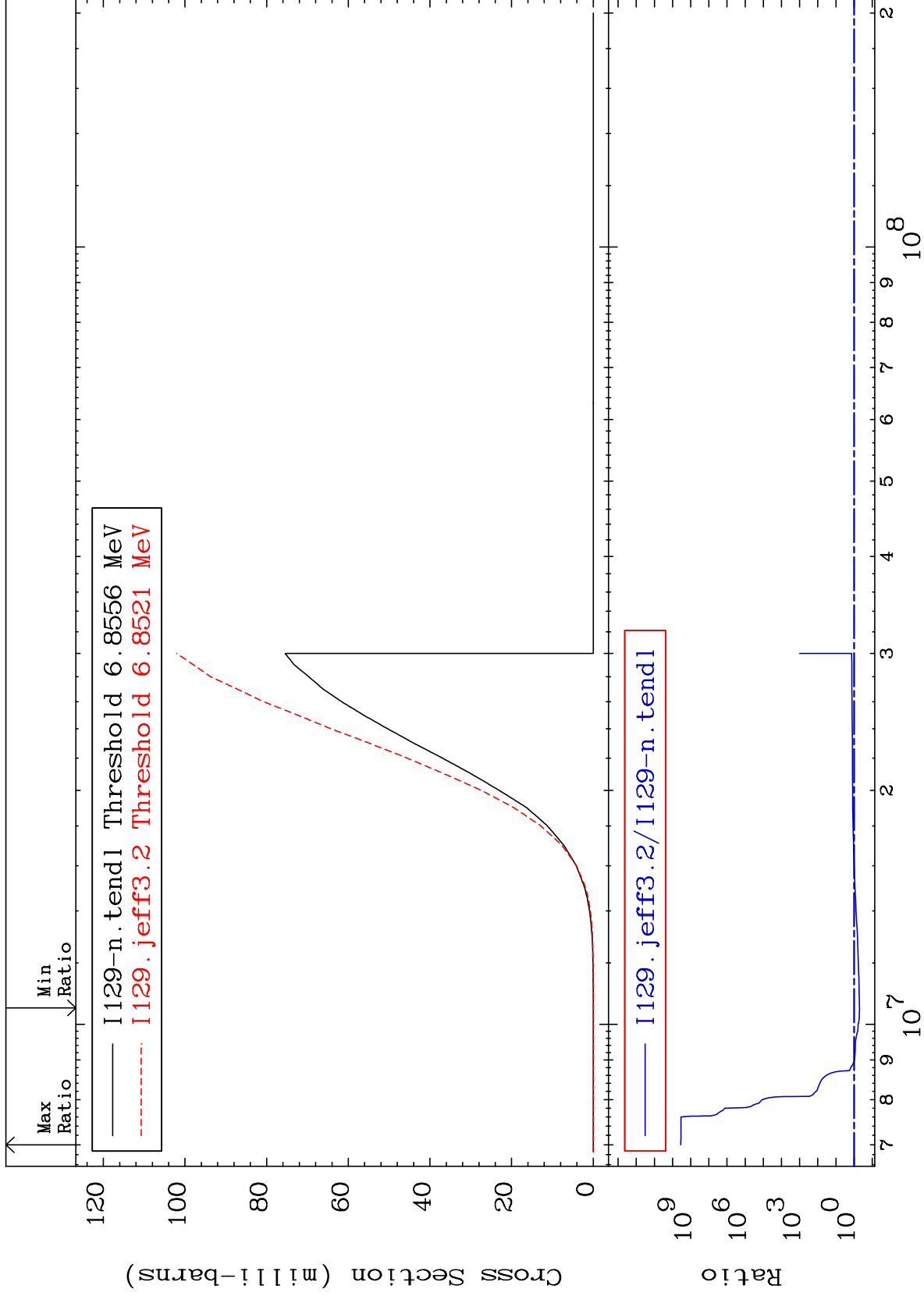




MAT 5331

(n,n') p
Cross Section

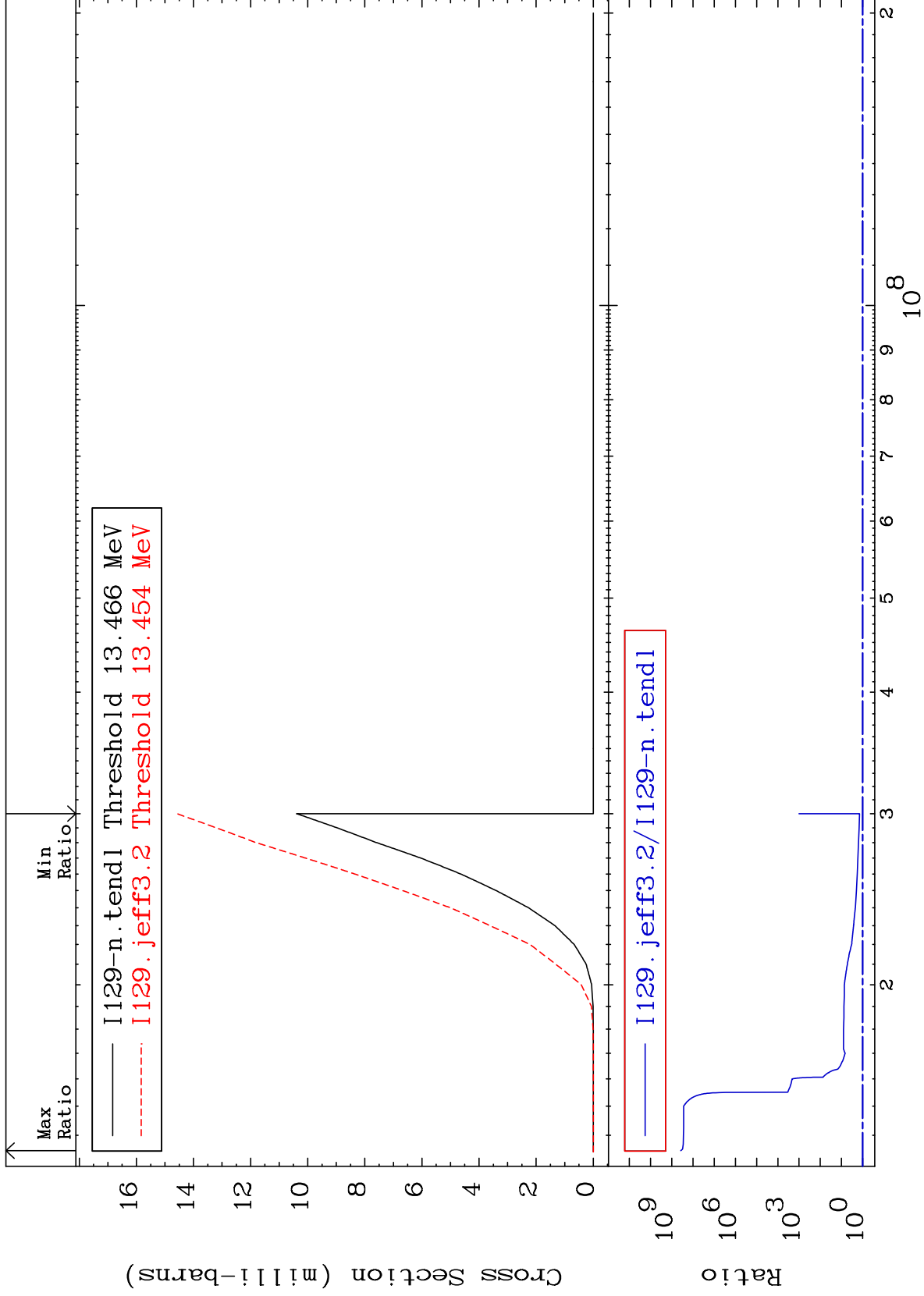
53-I -129
-49.84 To 9999. %

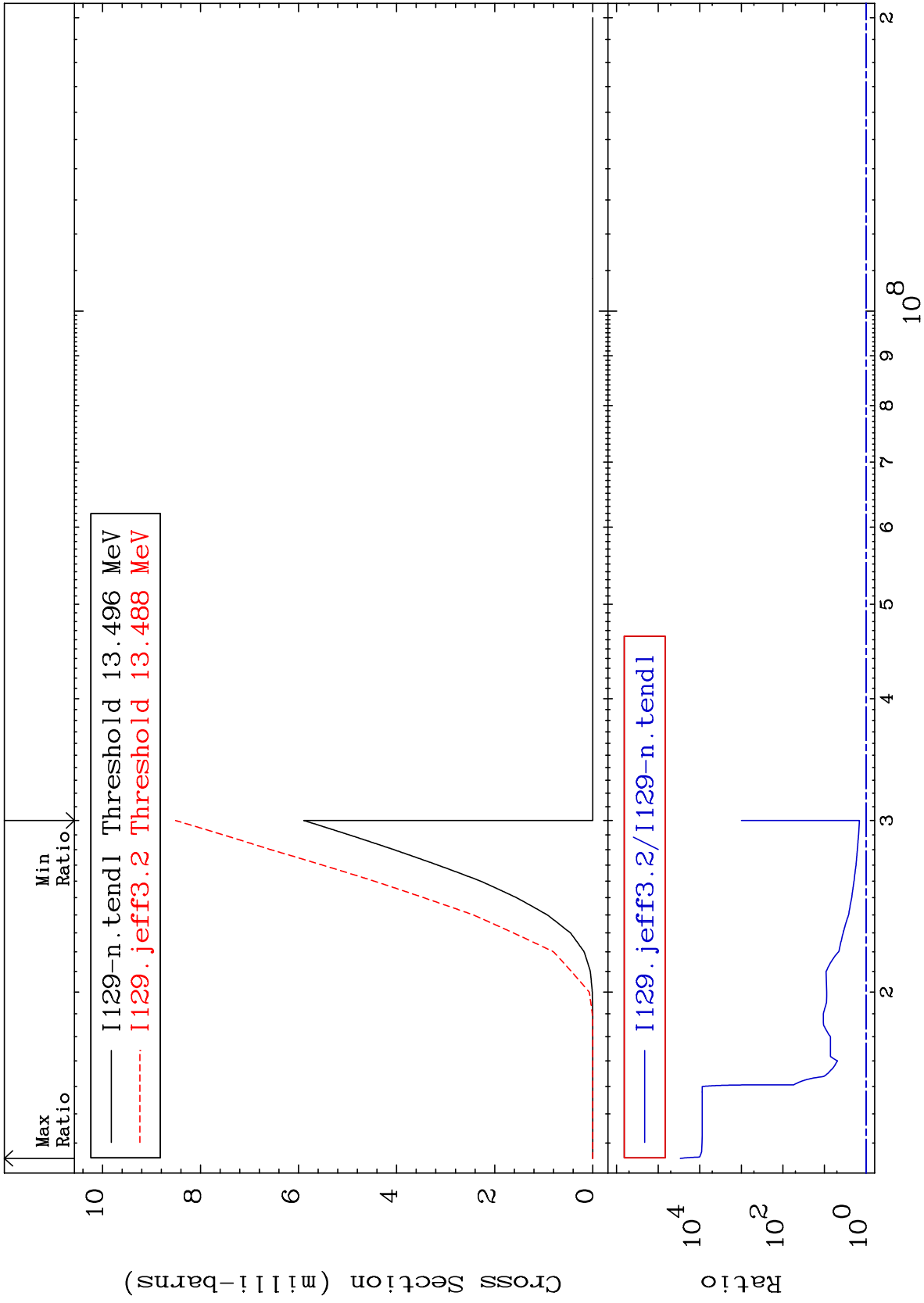


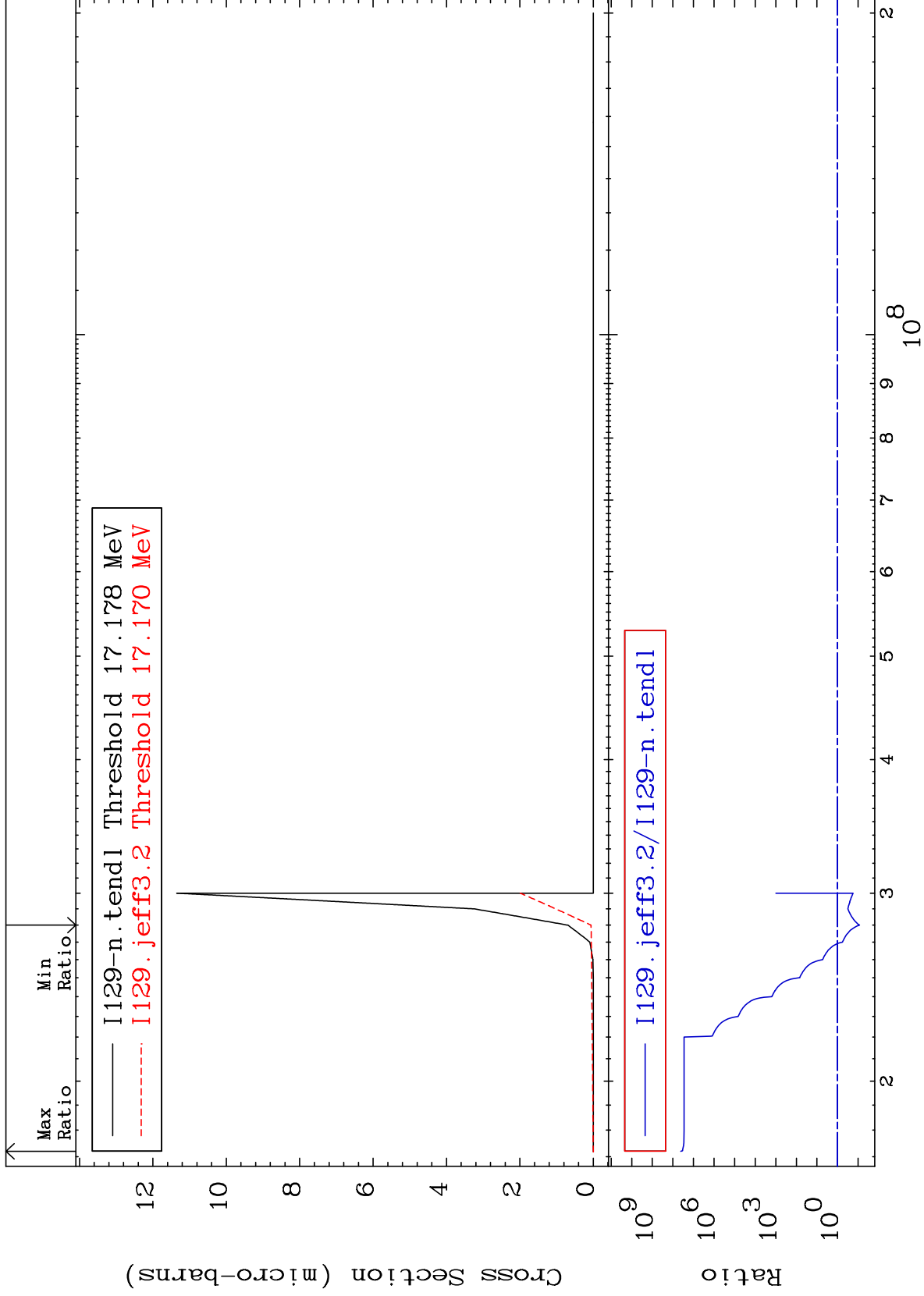
10

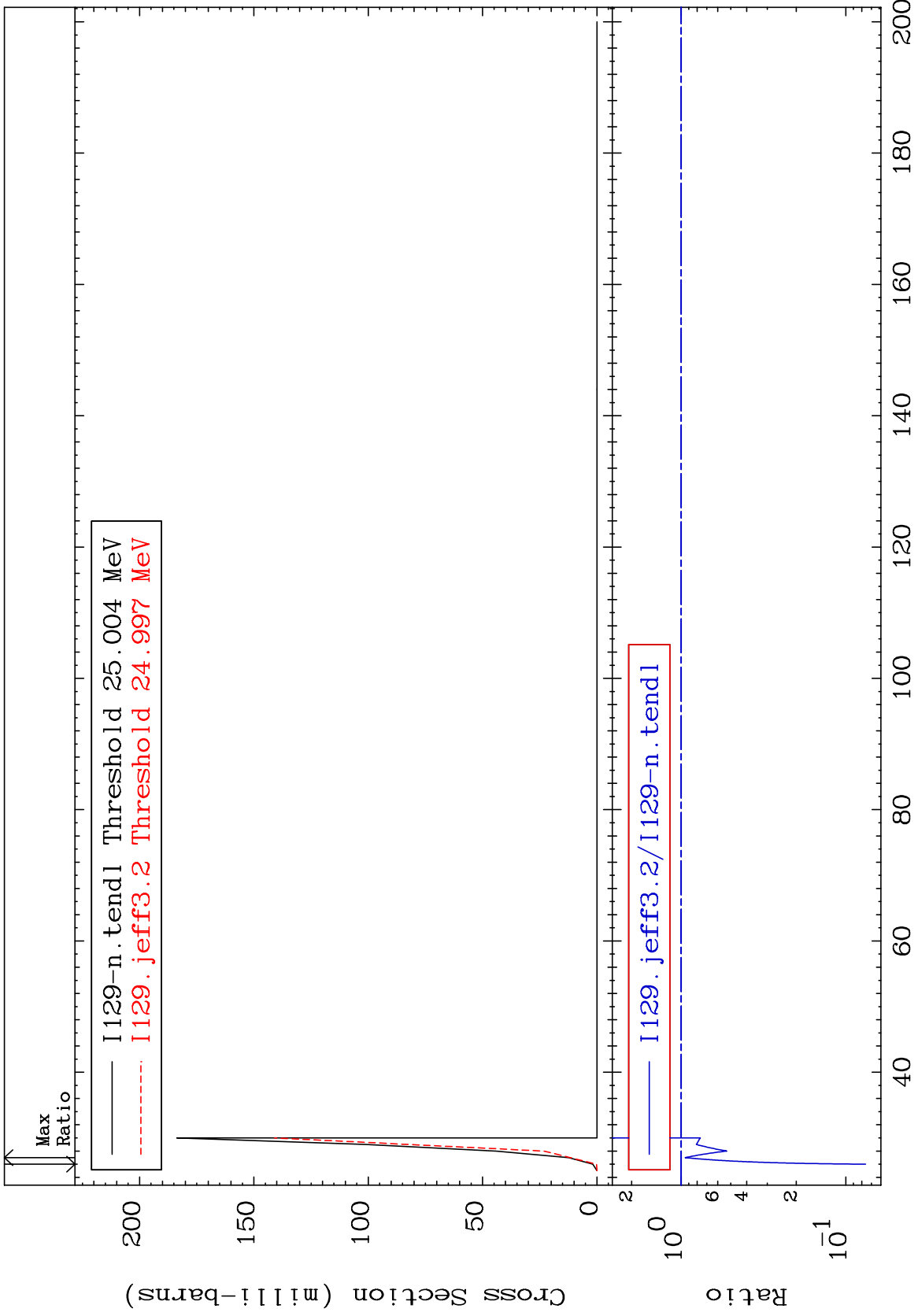
Incident Energy (eV)

53-I -129





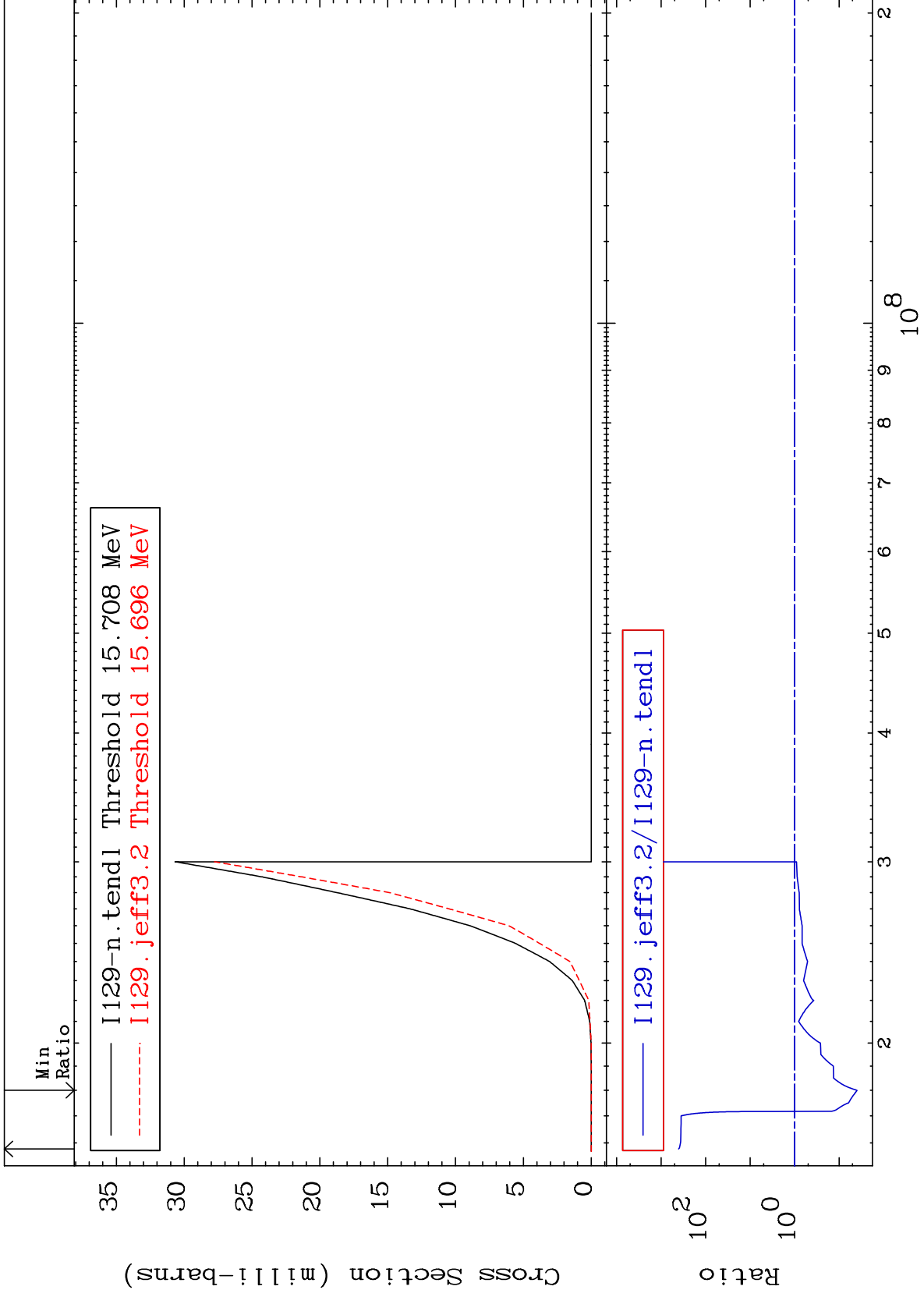




MAT 5331

(n,2n) p
Cross Section

53-I -129
-96.08 To 9999. %



15

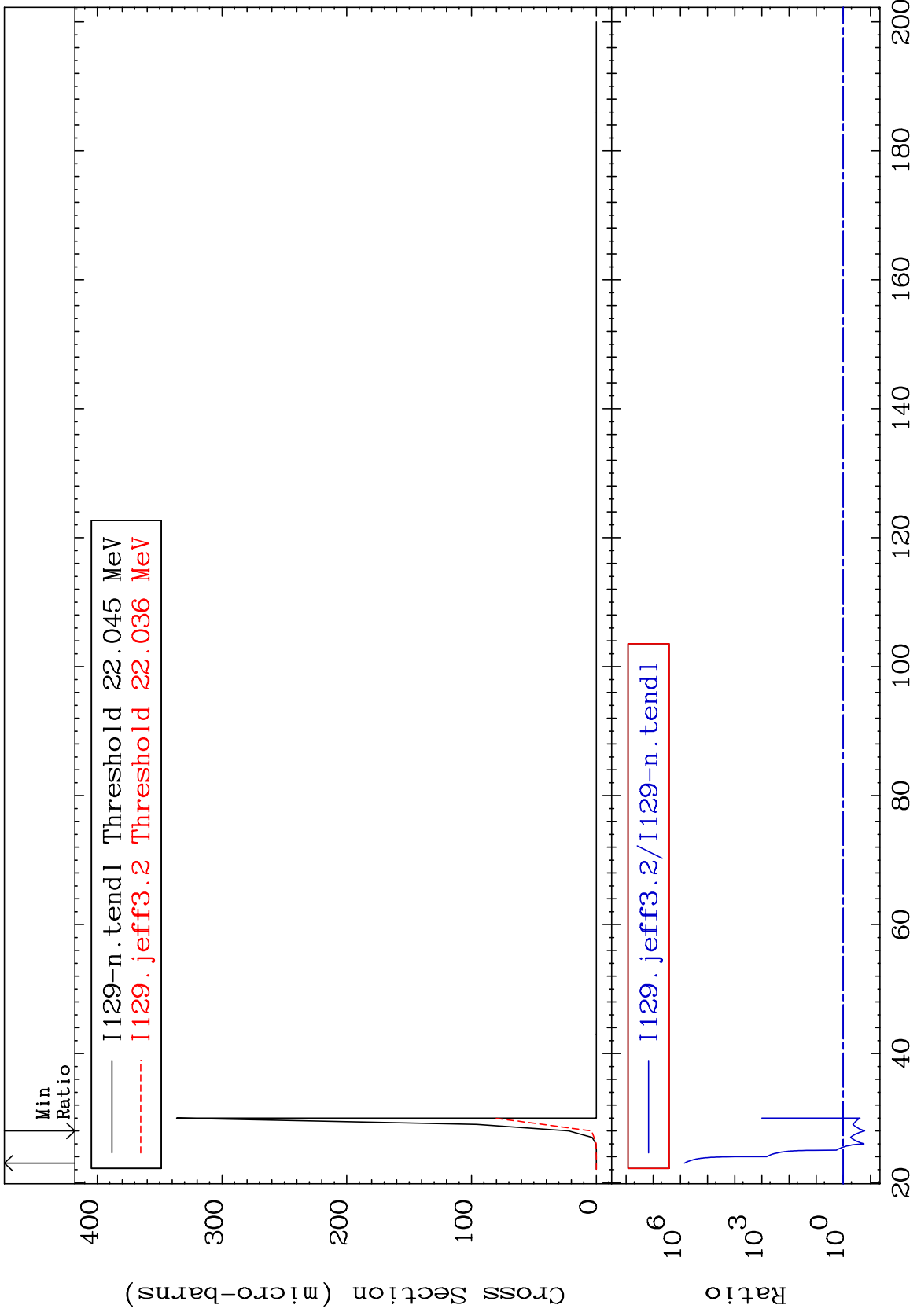
Incident Energy (eV)

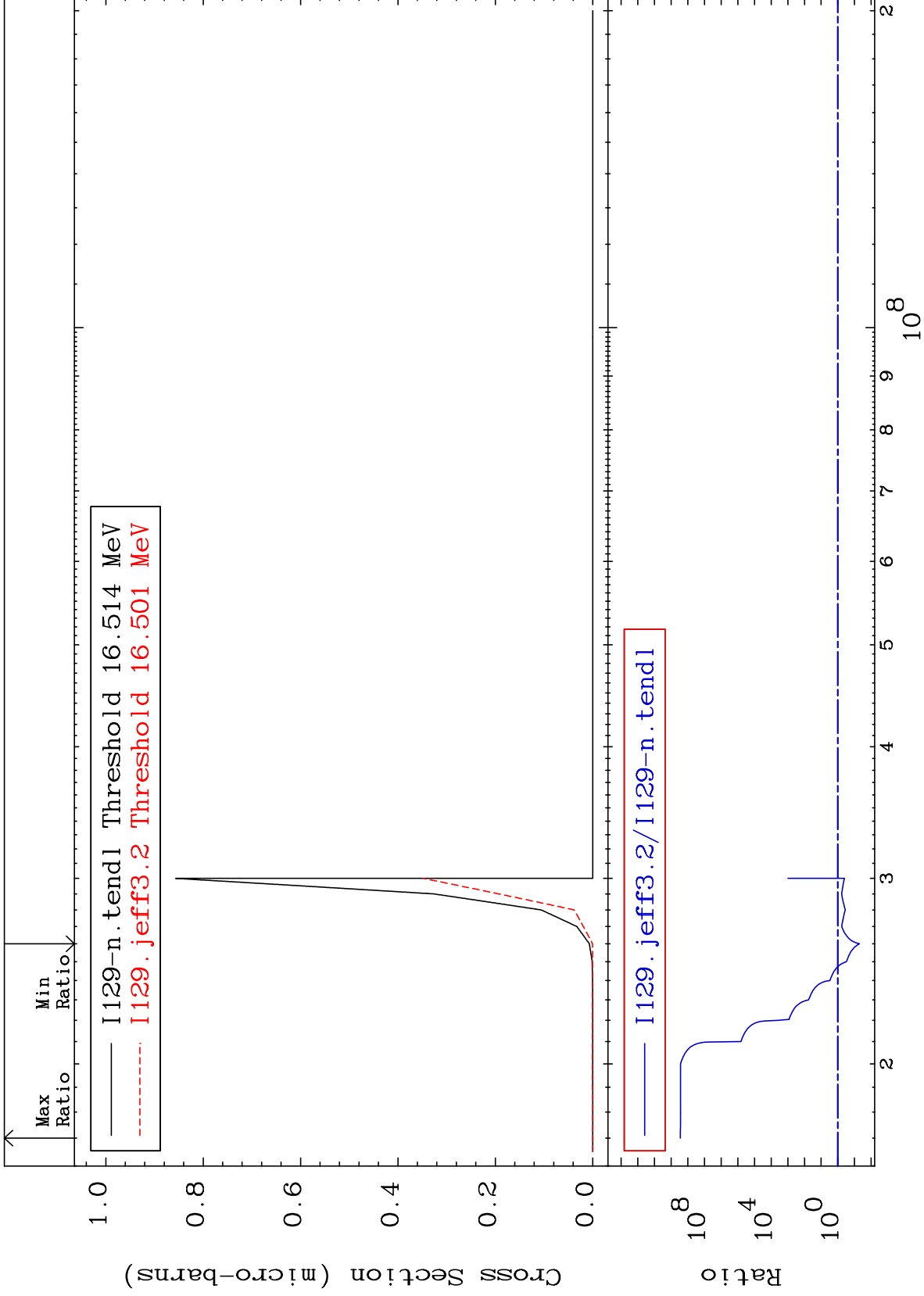
53-I -129

MAT 5331

(n,3n) p
Cross Section

53-I -129
-83.60 To 9999. %

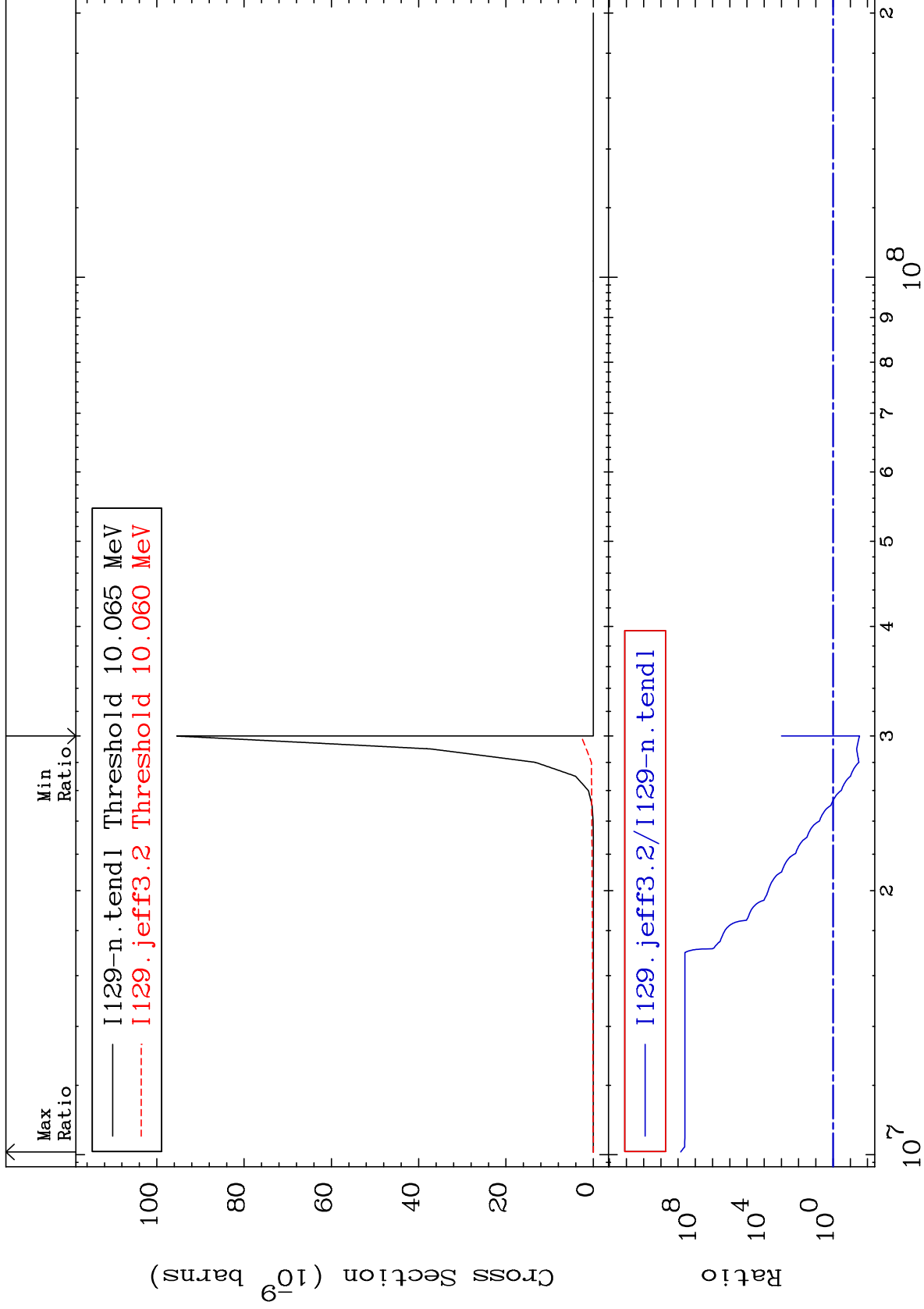




MAT 5331

(n,n') p α
Cross Section

53-I -129
-97.09 To 9999. %



18

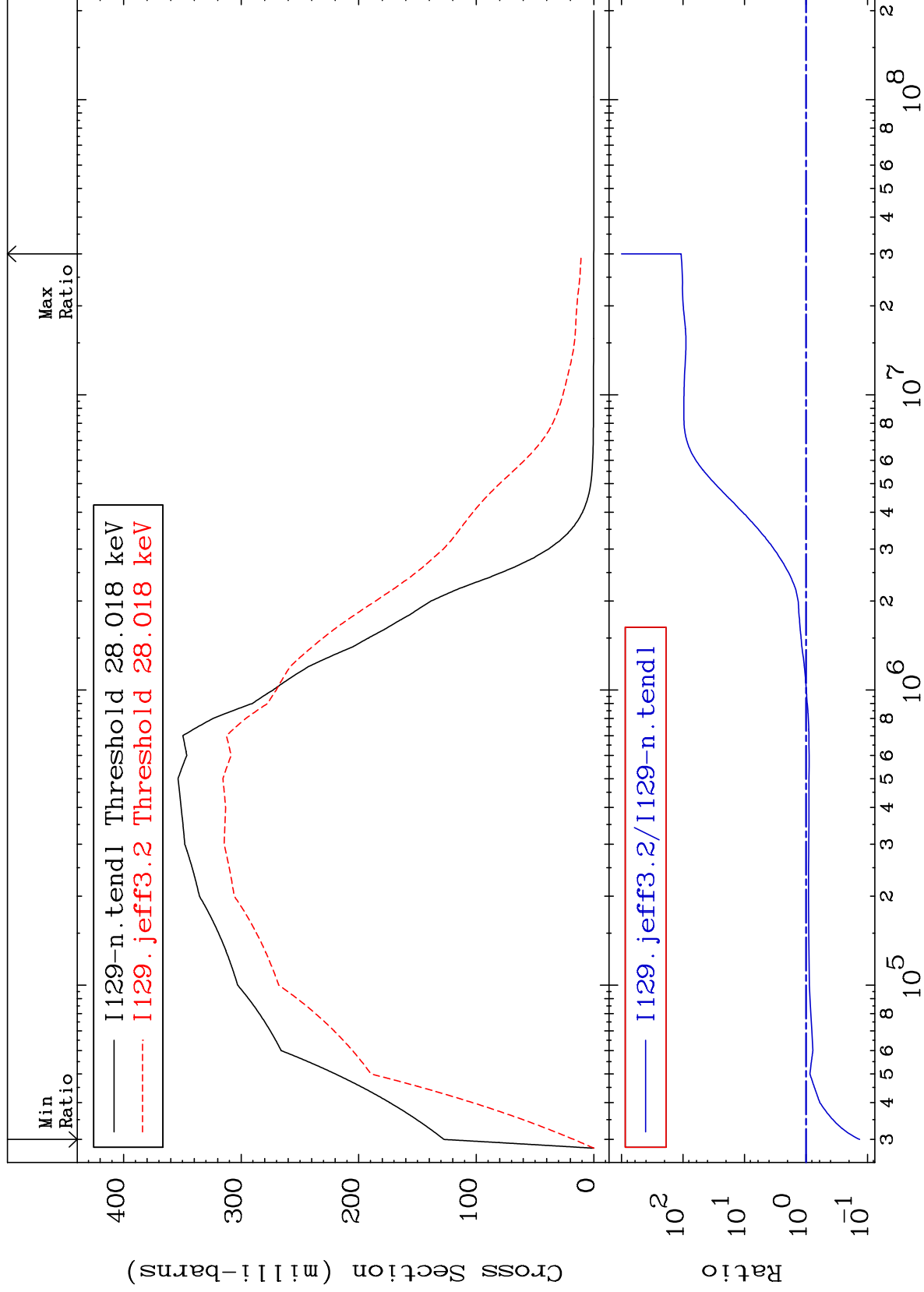
Incident Energy (eV)

53-I -129

MAT 5331

27.80 keV (n,n') Level
Cross Section

53-I -129
-86.59 To 9999. %



19

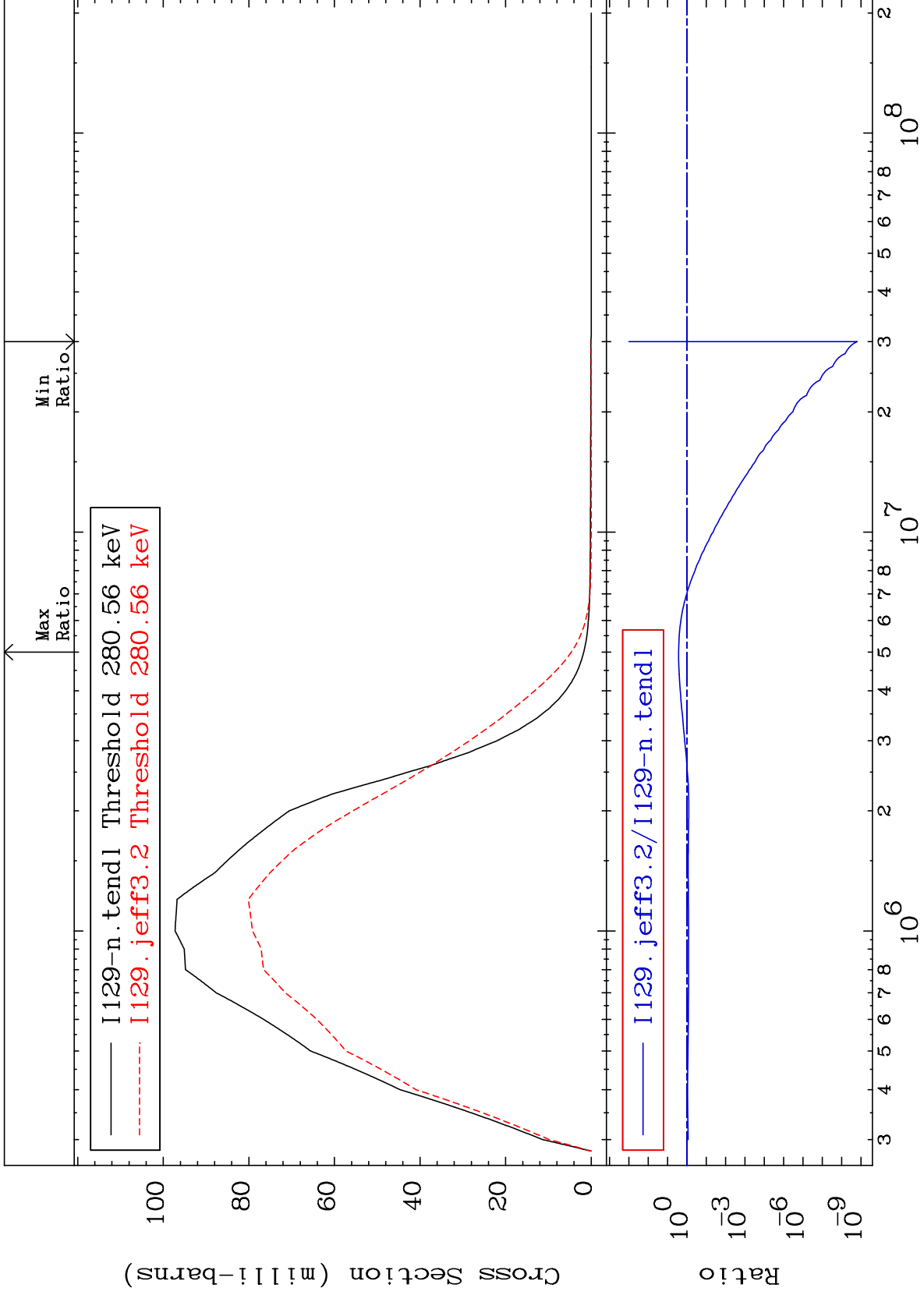
Incident Energy (eV)

53-I -129

MAT 5331

278.4 keV (n,n') Level
Cross Section

53-I -129
-100.0 To 166.0 %



20

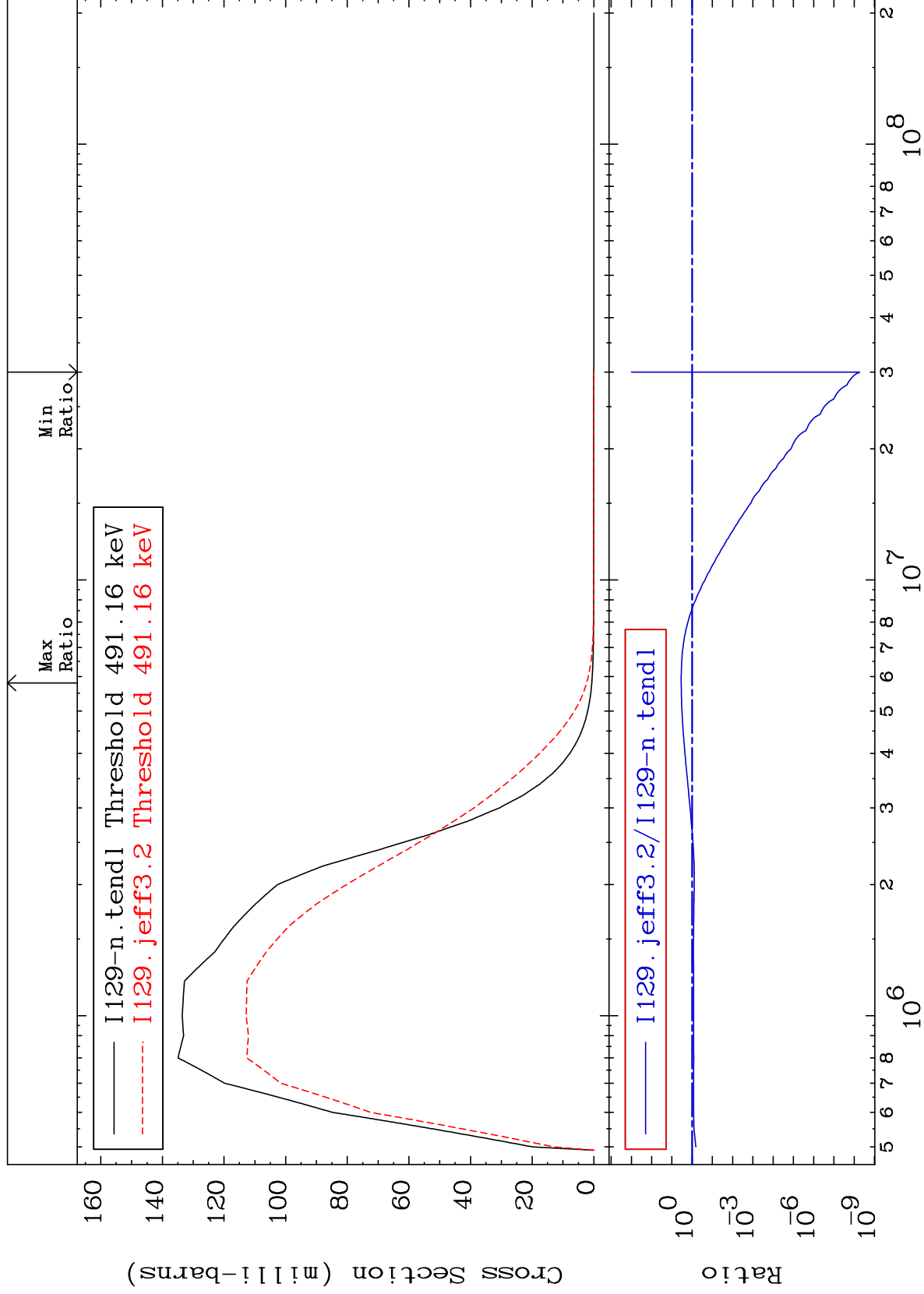
MAT 5331

487.4 keV (n,n') Level

53-I -129

-100.0 To 247.2 %

Cross Section



21

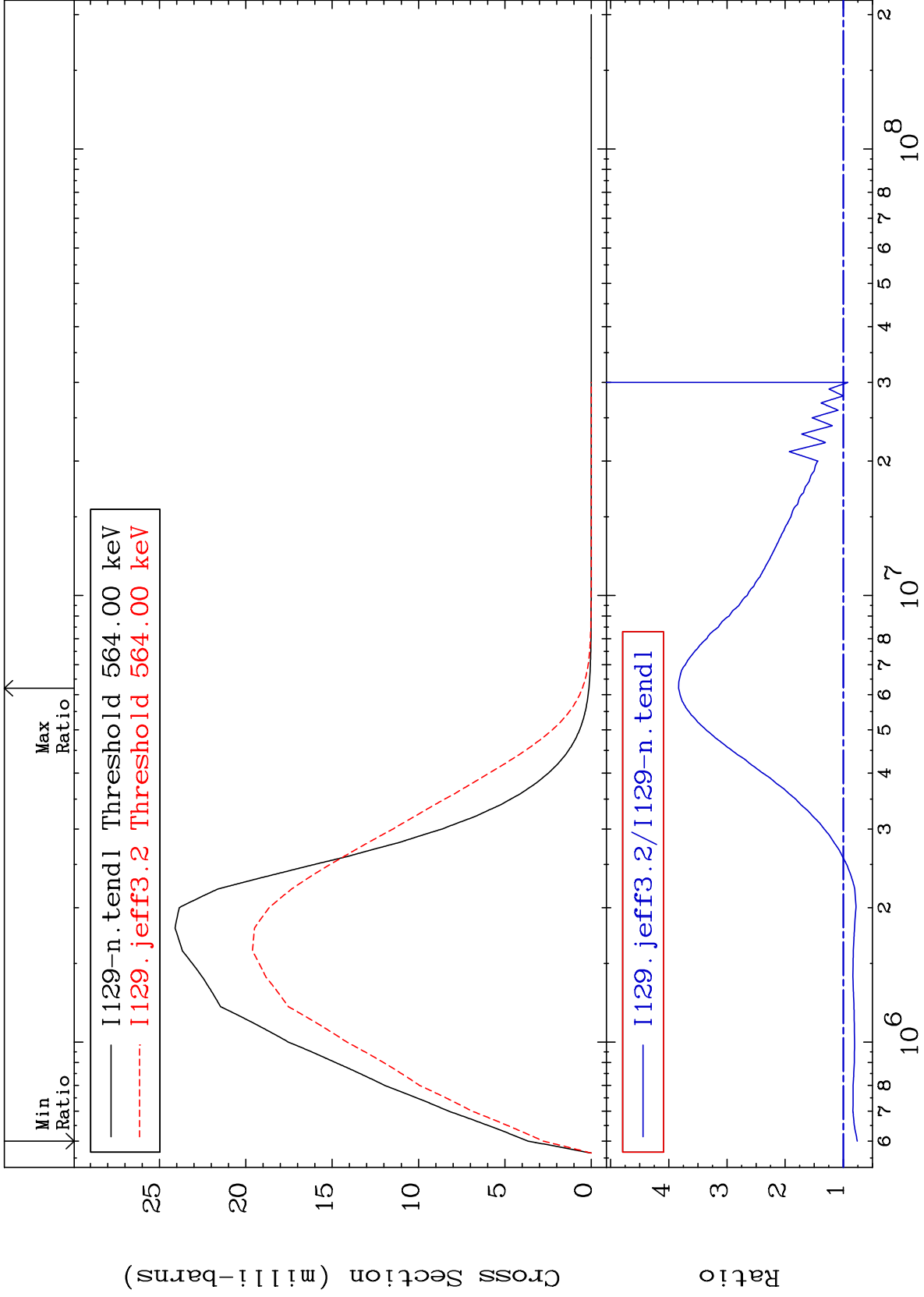
Incident Energy (eV)

53-I -129

MAT 5331

559.6 keV (n,n') Level
Cross Section

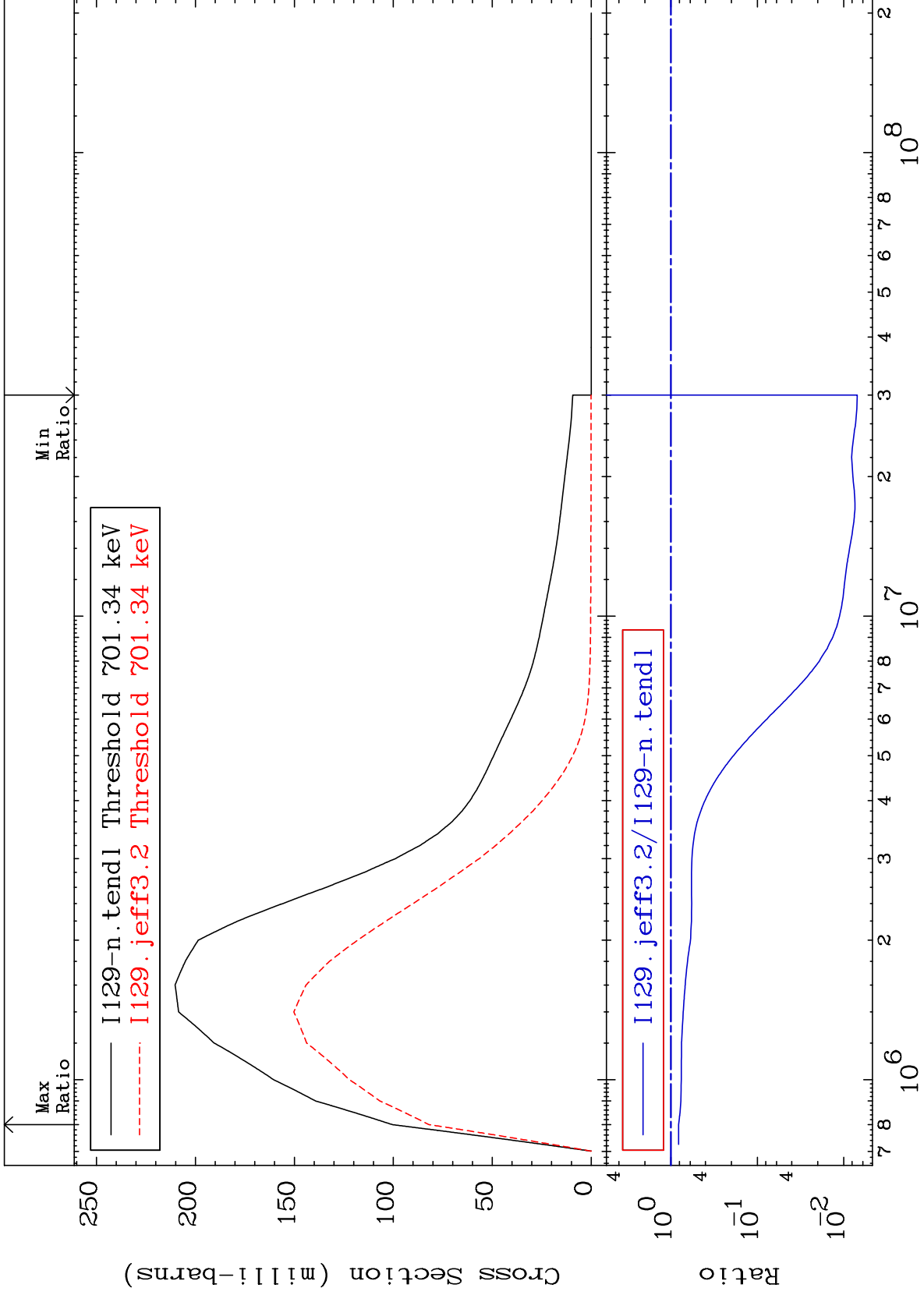
53-I -129
-23.91 To 283.1 %



MAT 5331

695.9 keV (n,n') Level
Cross Section

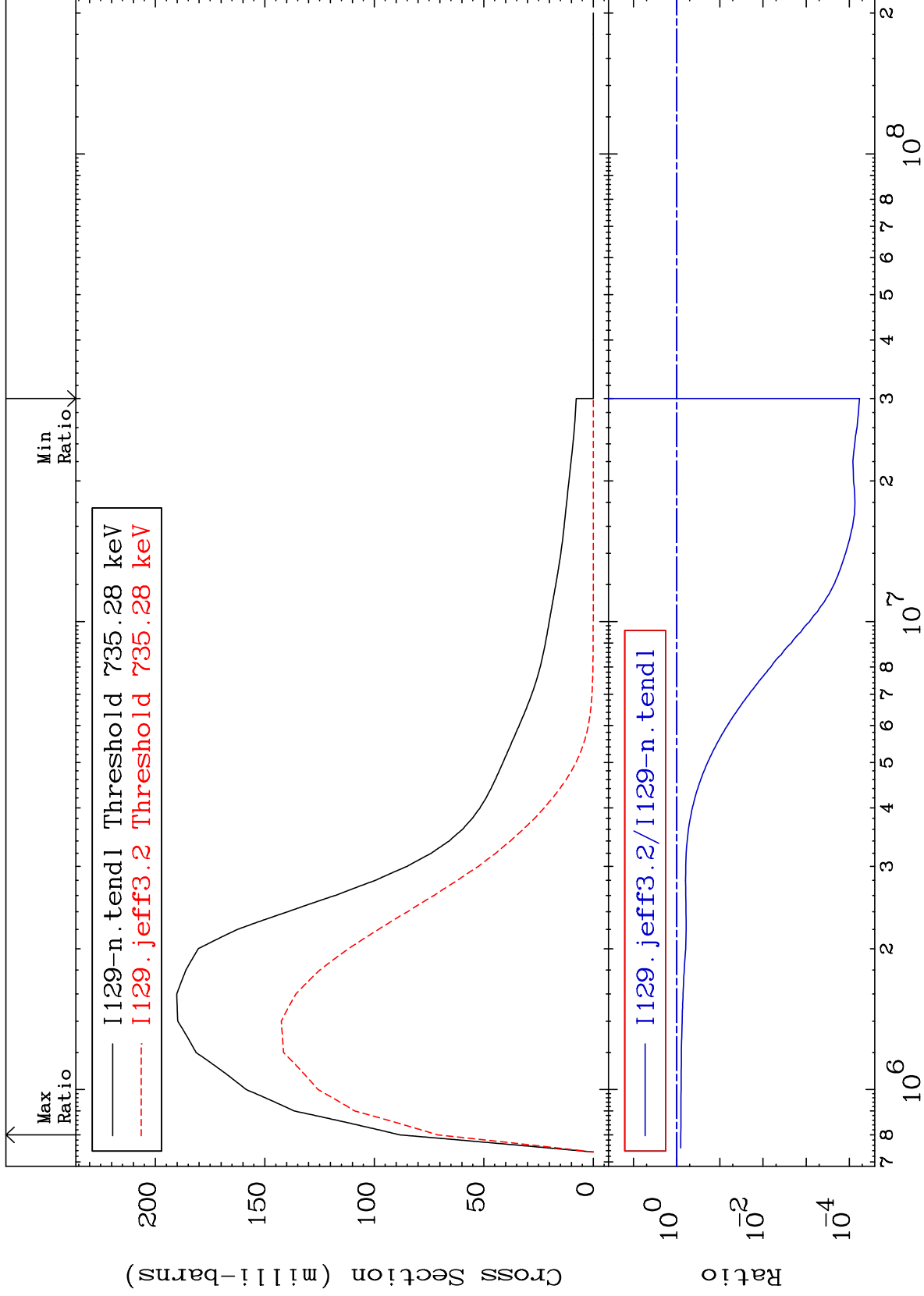
53-I -129
-99.30 To -18.46%



MAT 5331

729.6 keV (n,n') Level
Cross Section

53-I -129
-99.99 To -19.49%



24

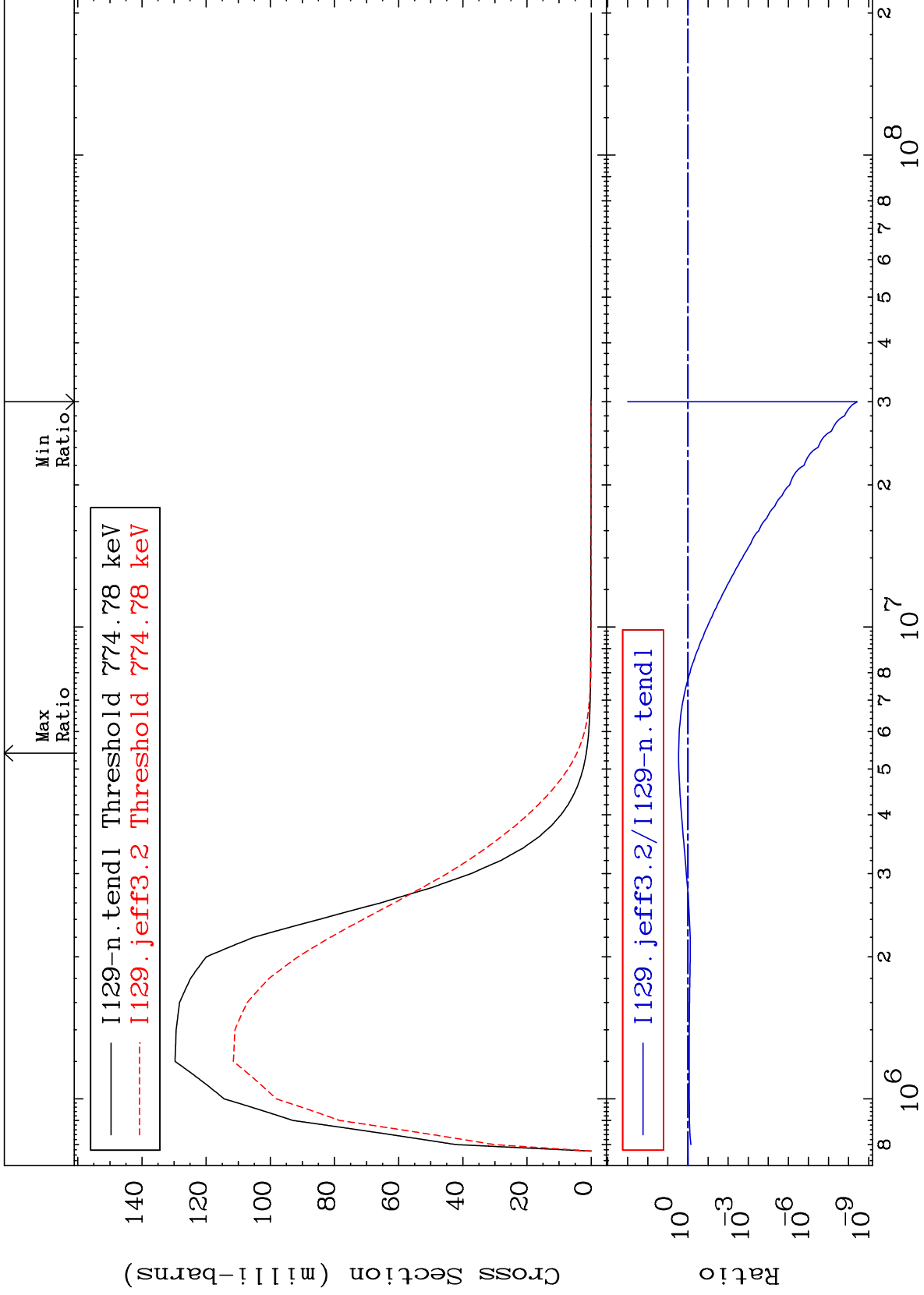
Incident Energy (eV)

53-I -129

MAT 5331

768.8 keV (n,n') Level
Cross Section

53-I -129
-100.0 To 190.7 %



25

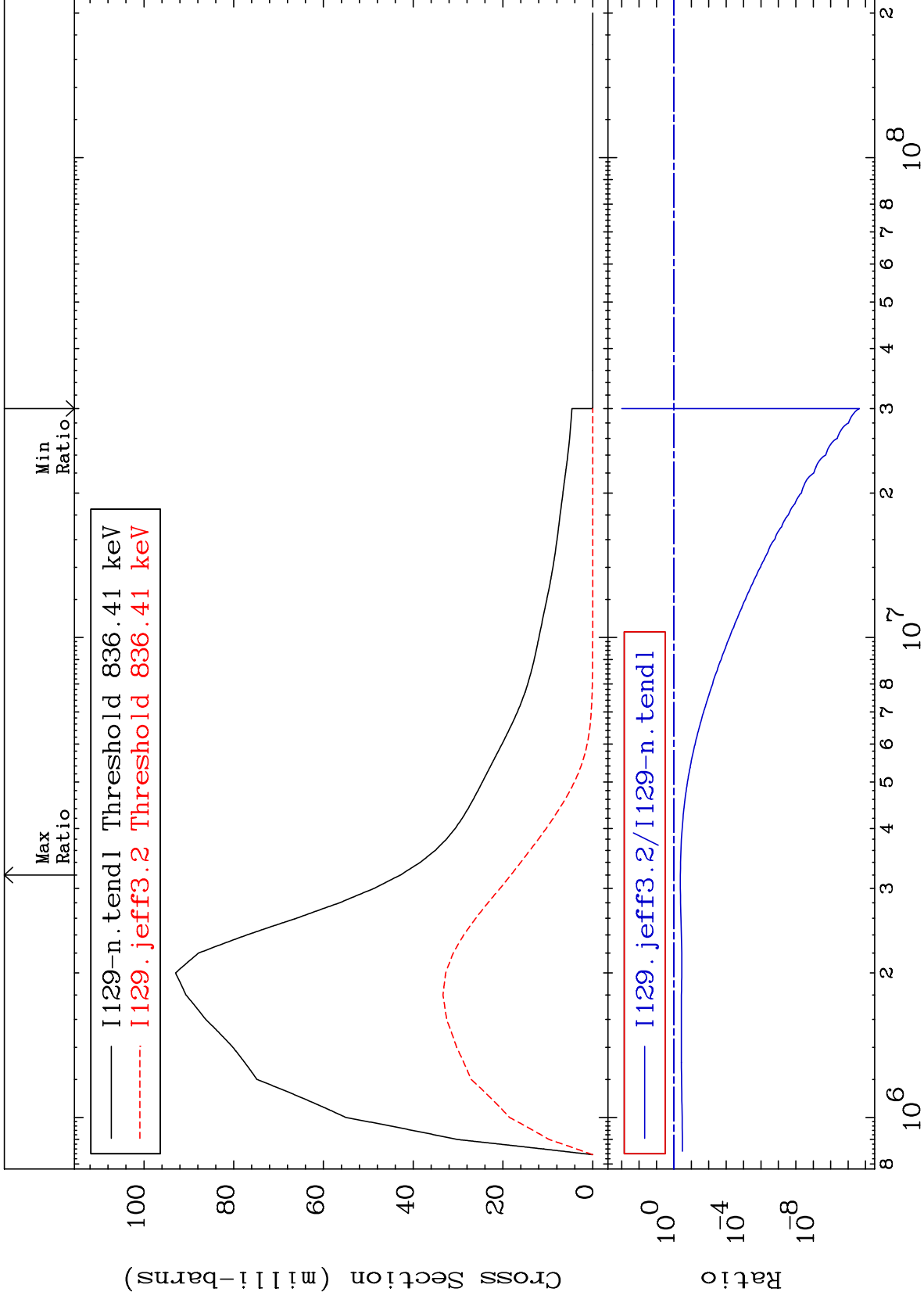
Incident Energy (eV)

53-I -129

MAT 5331

829.9 keV (n,n') Level
Cross Section

53-I -129
-100.0 To -57.45%



26

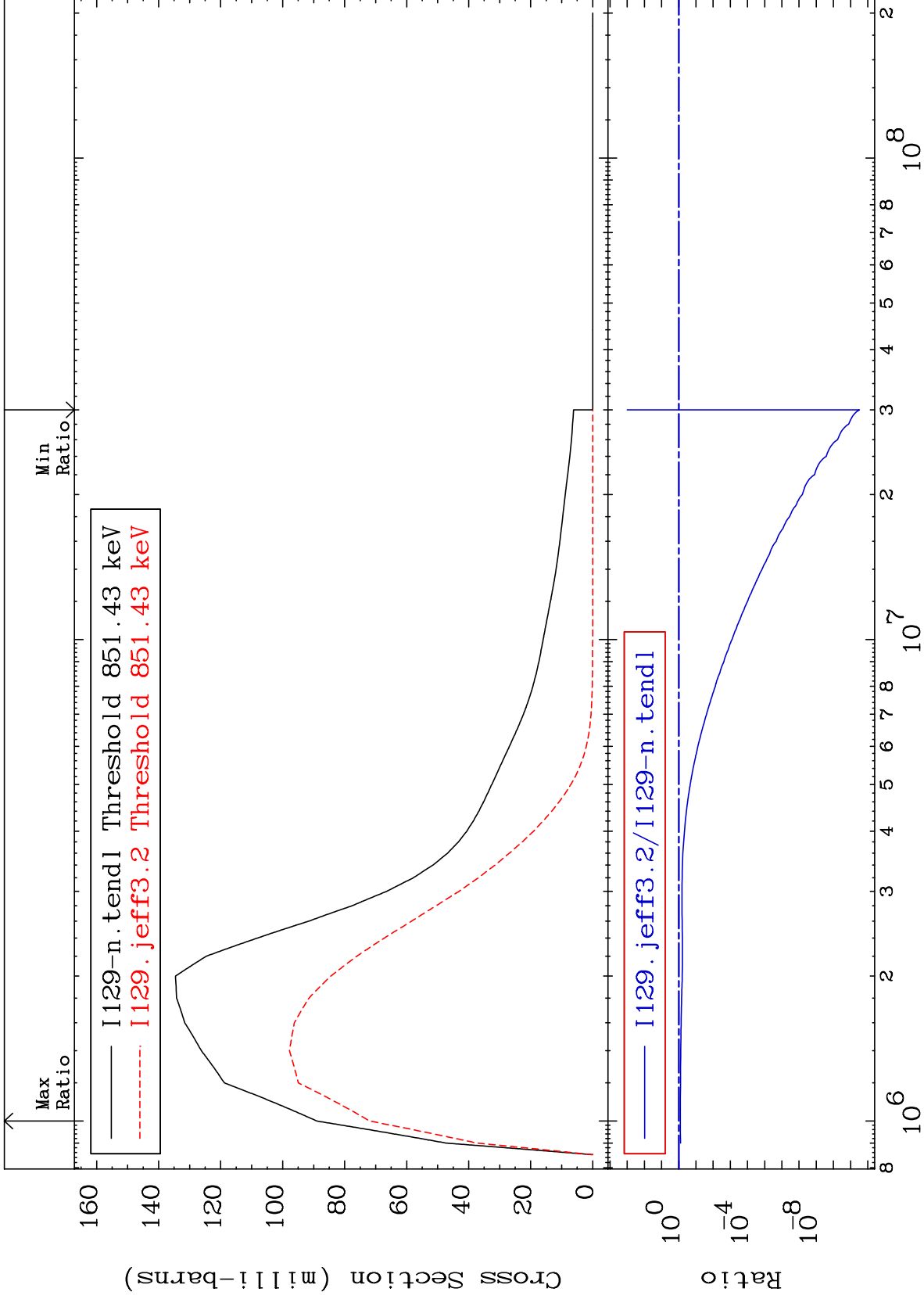
Incident Energy (eV)

53-I -129

MAT 5331

844.8 keV (n,n') Level
Cross Section

53-I -129
-100.0 To -19.20%



27

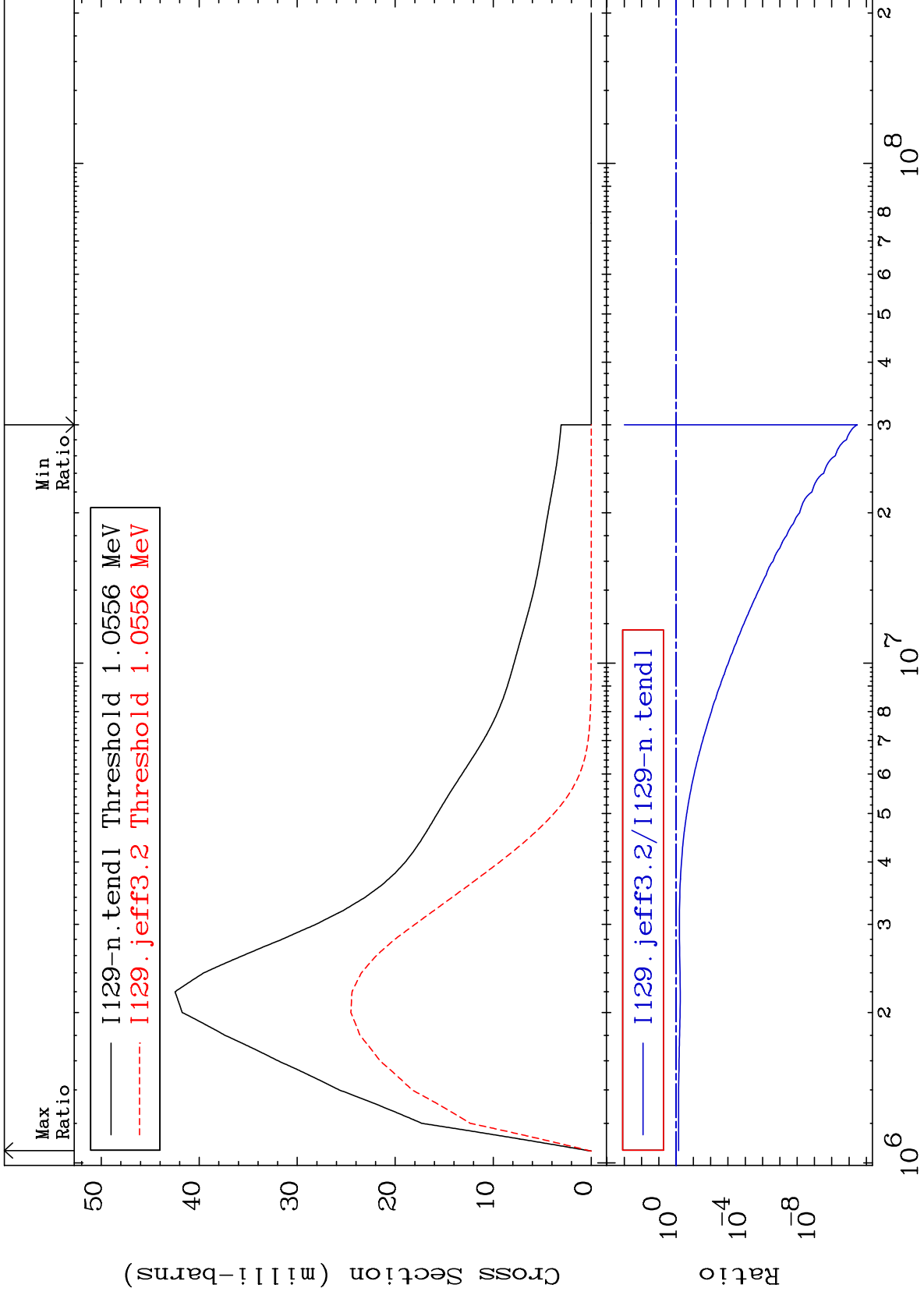
Incident Energy (eV)

53-I -129

MAT 5331

1.047 MeV (n,n') Level
Cross Section

53-I -129
-100.0 To -28.66%



28

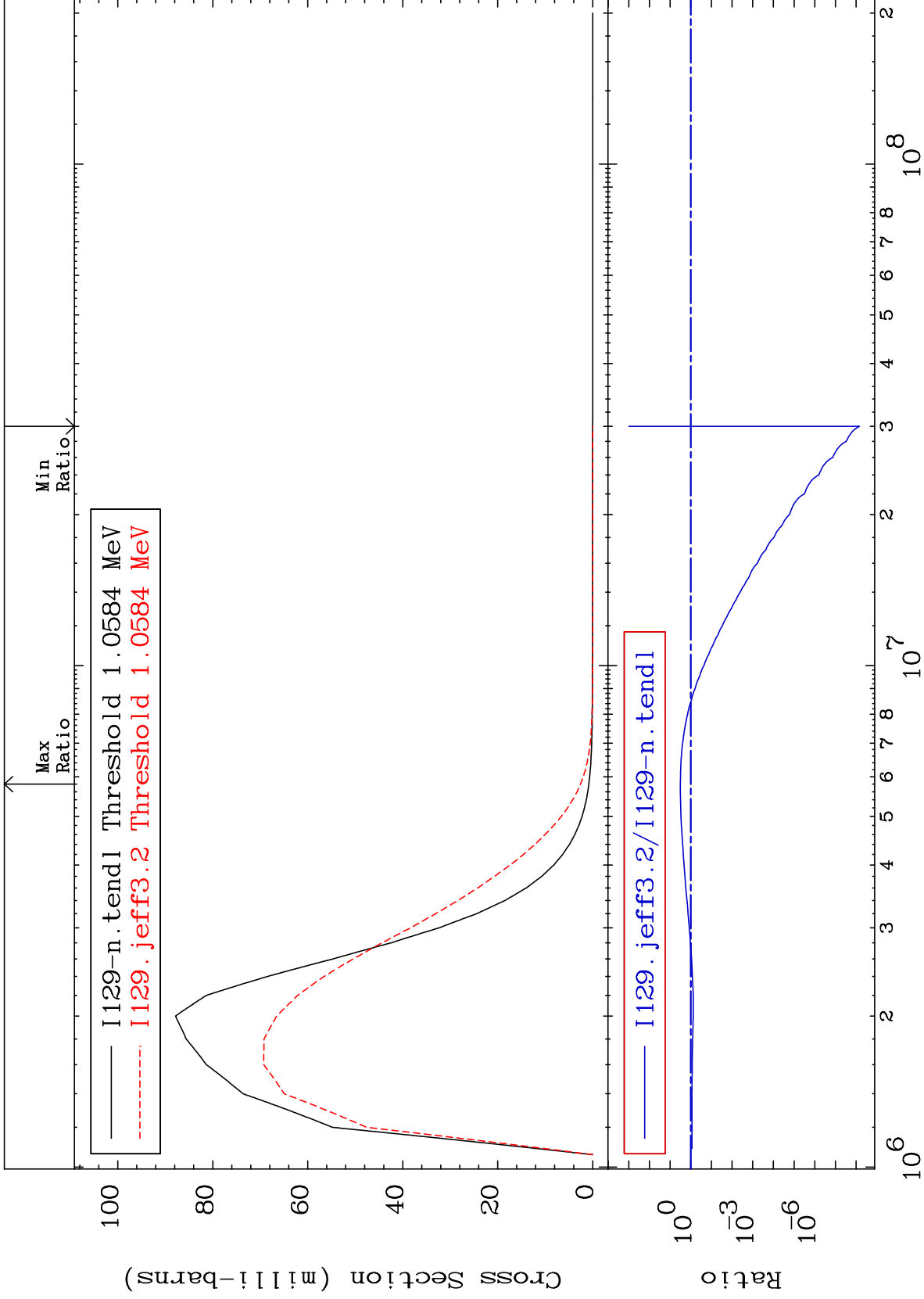
Incident Energy (eV)

53-I -129

MAT 5331

1.050 MeV (n,n') Level
Cross Section

53-I -129
-100.0 To 218.5 %



29

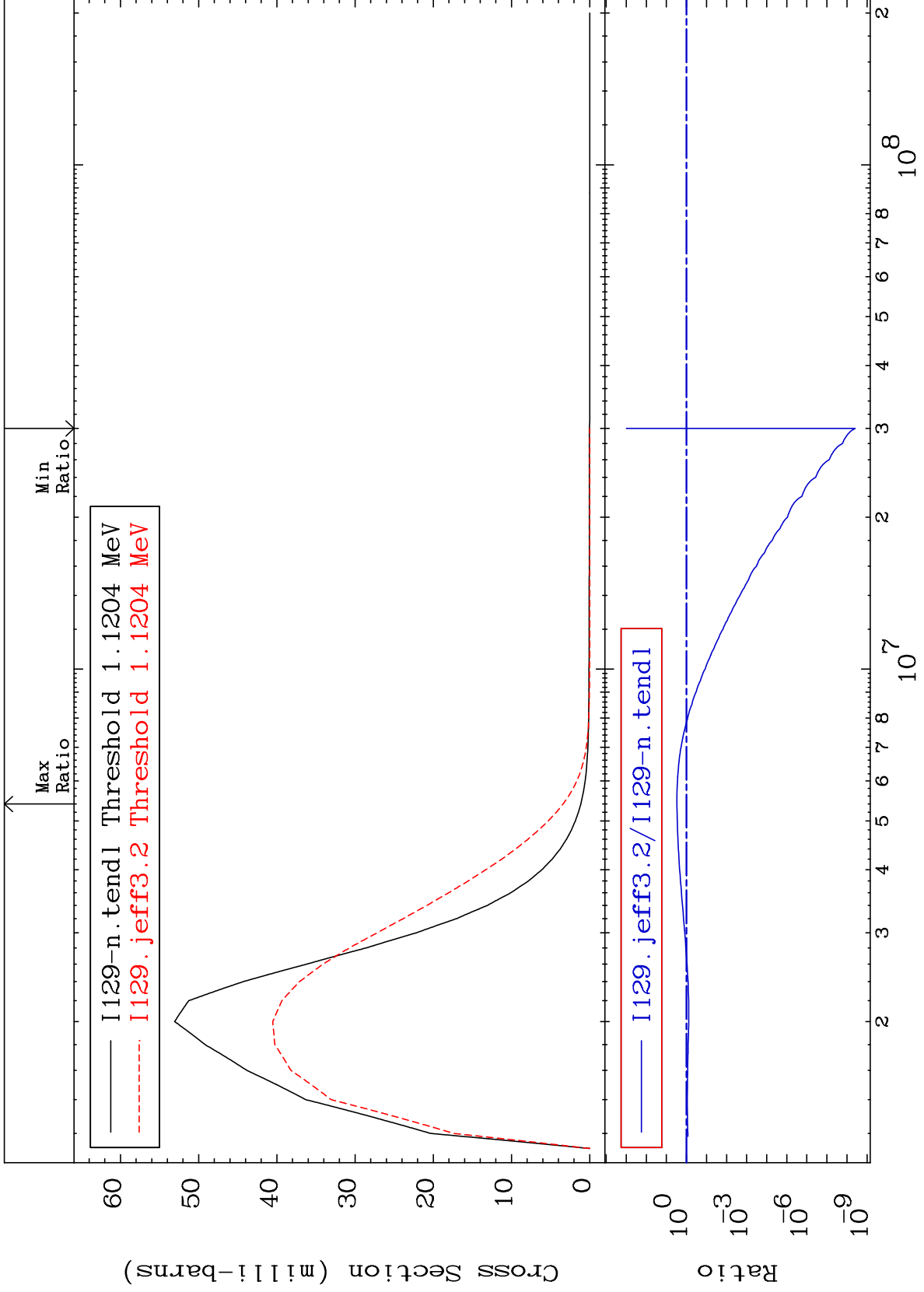
Incident Energy (eV)

53-I -129

MAT 5331

1.112 MeV (n,n') Level
Cross Section

53-I -129
-100.0 To 198.0 %



30

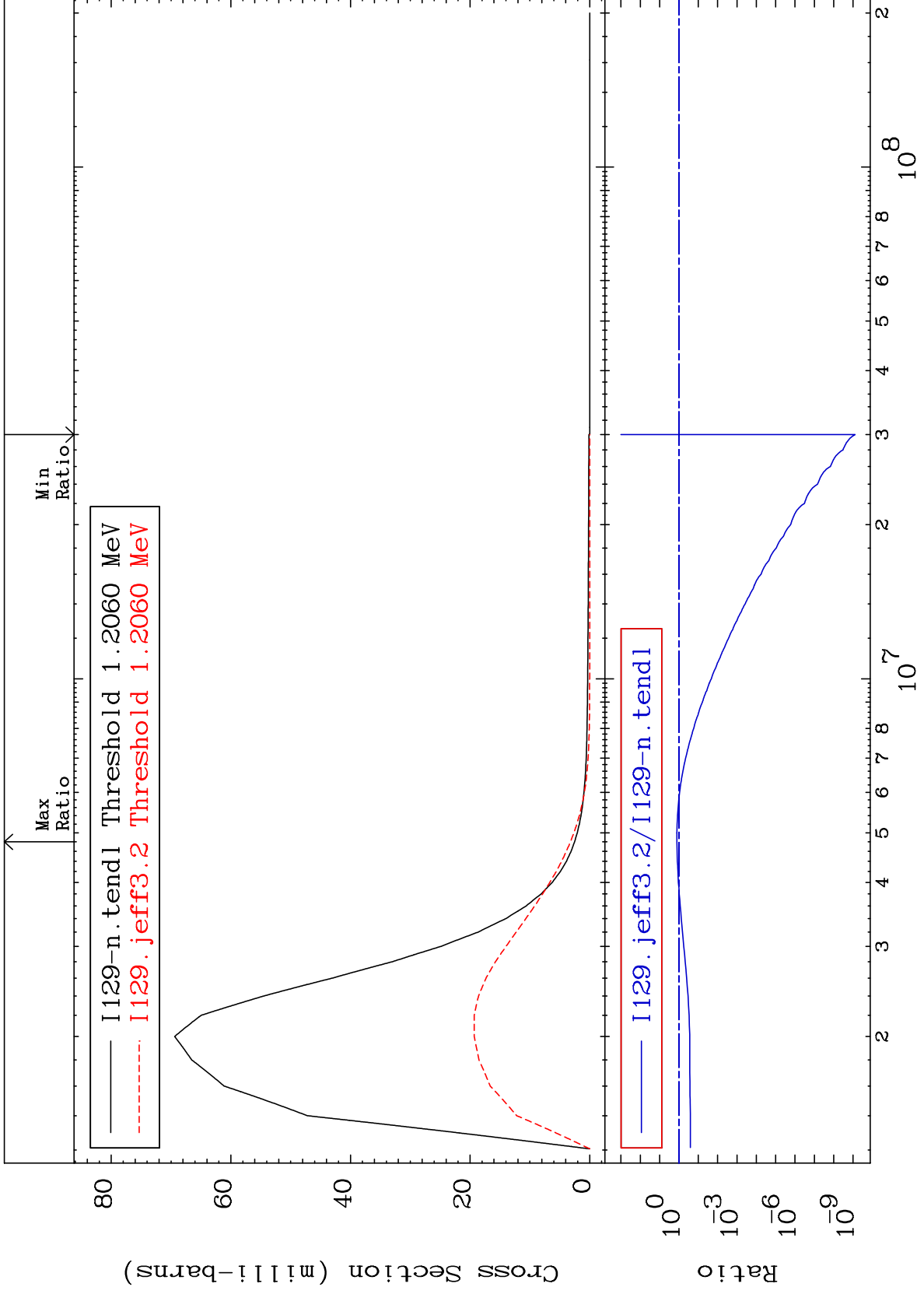
Incident Energy (eV)

53-I -129

MAT 5331

1.197 MeV (n,n') Level
Cross Section

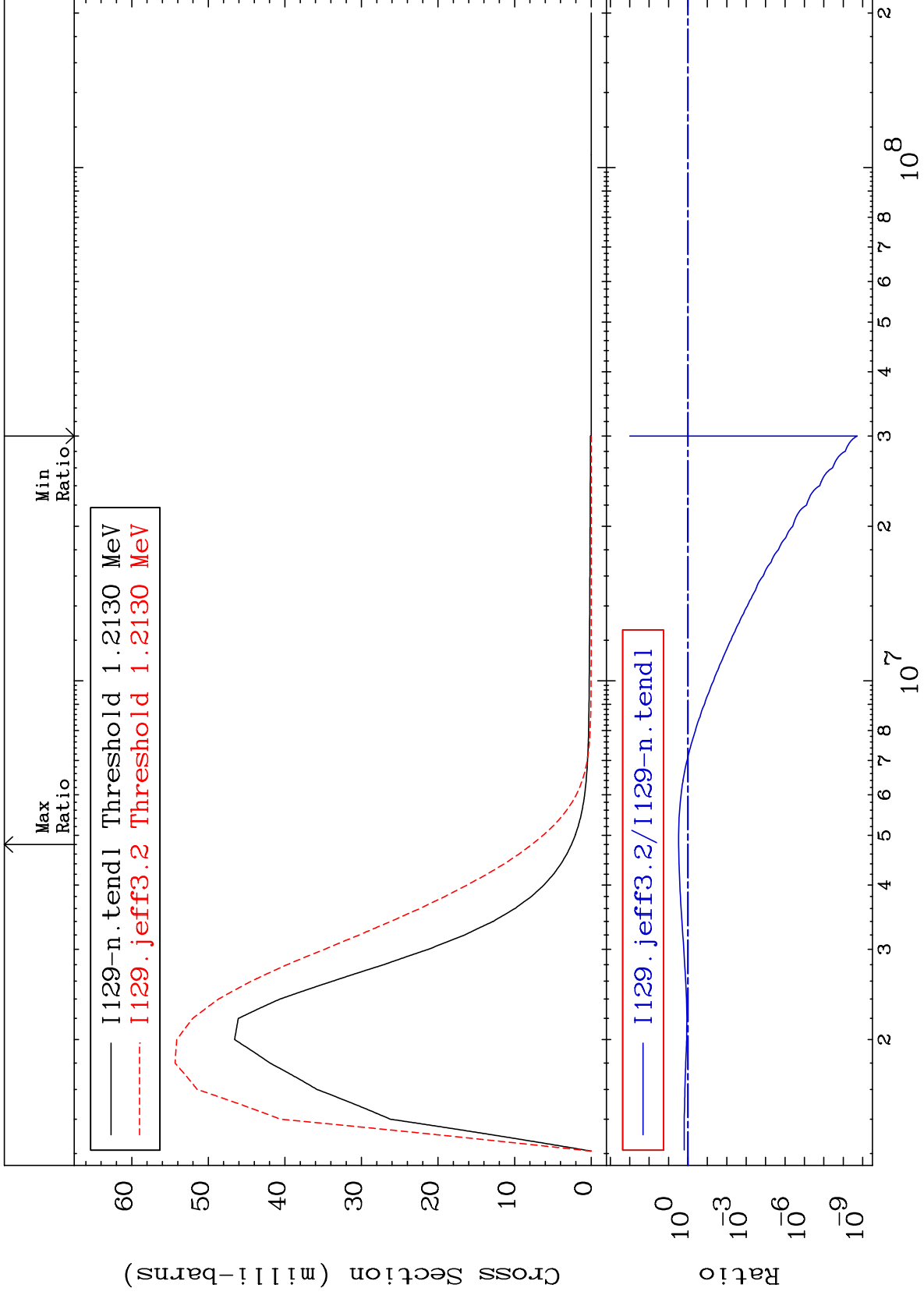
53-I -129
-100.0 To 27.34 %

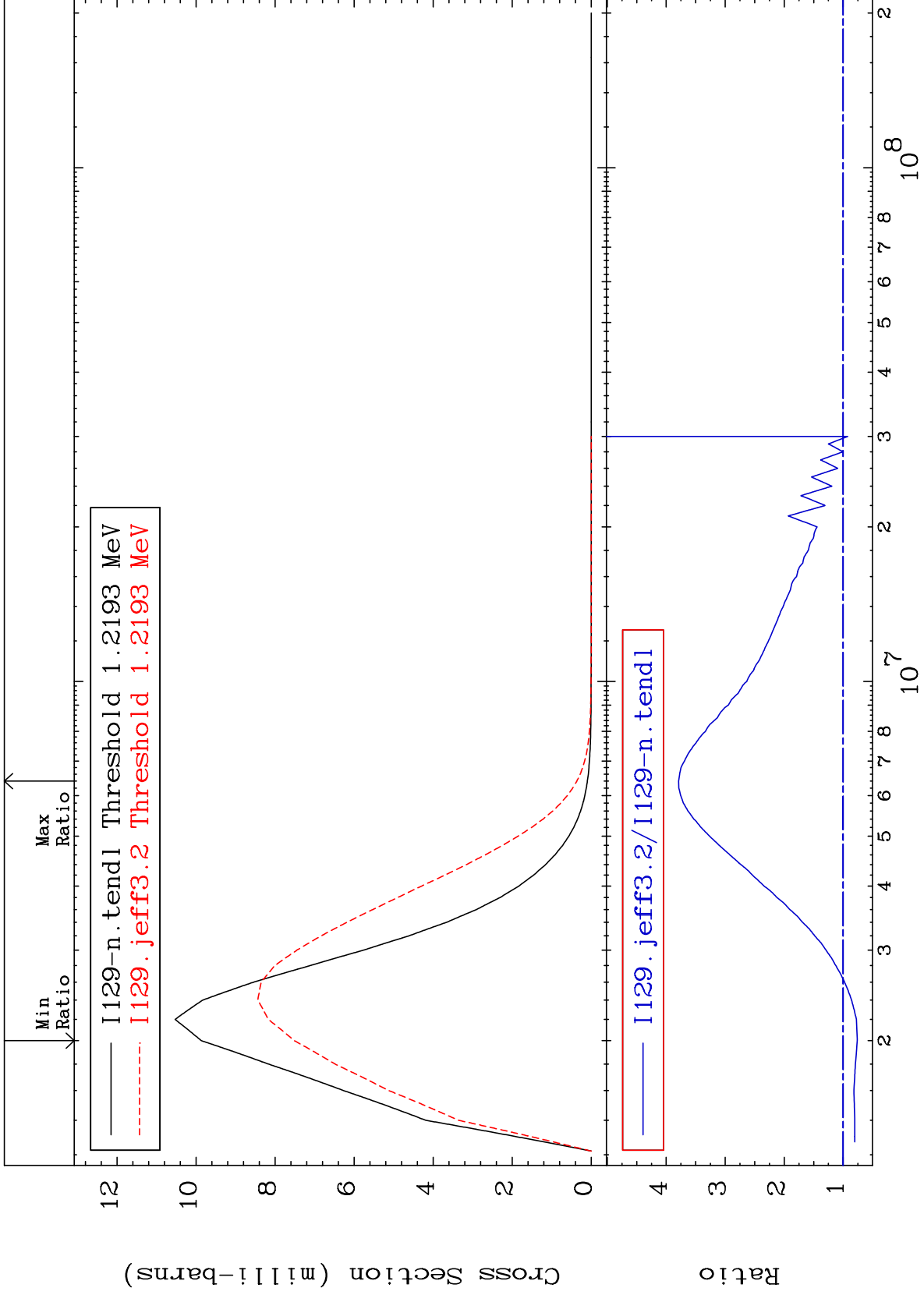


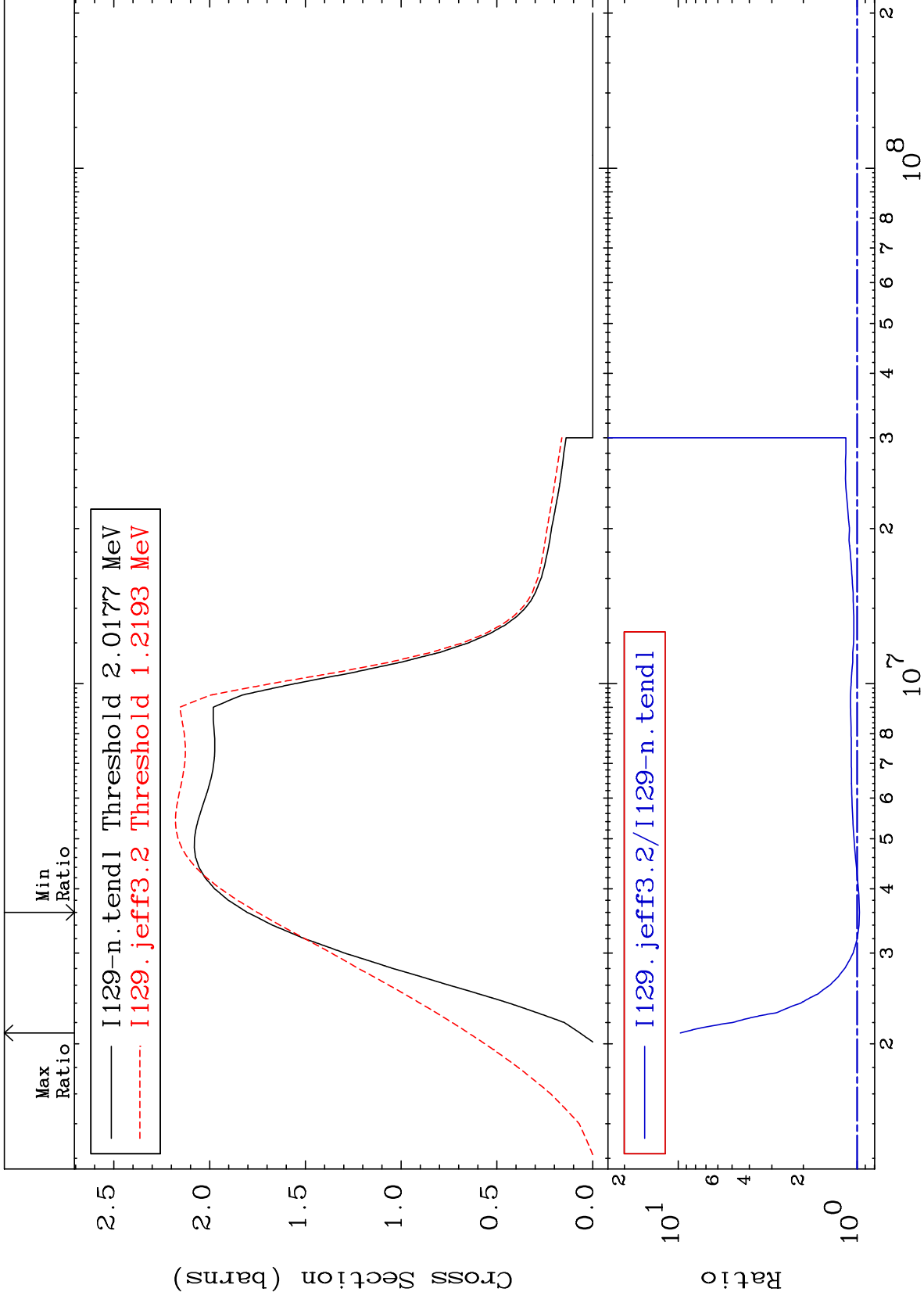
MAT 5331

1.204 MeV (n,n') Level
Cross Section

53-I -129
-100.0 To 200.8 %



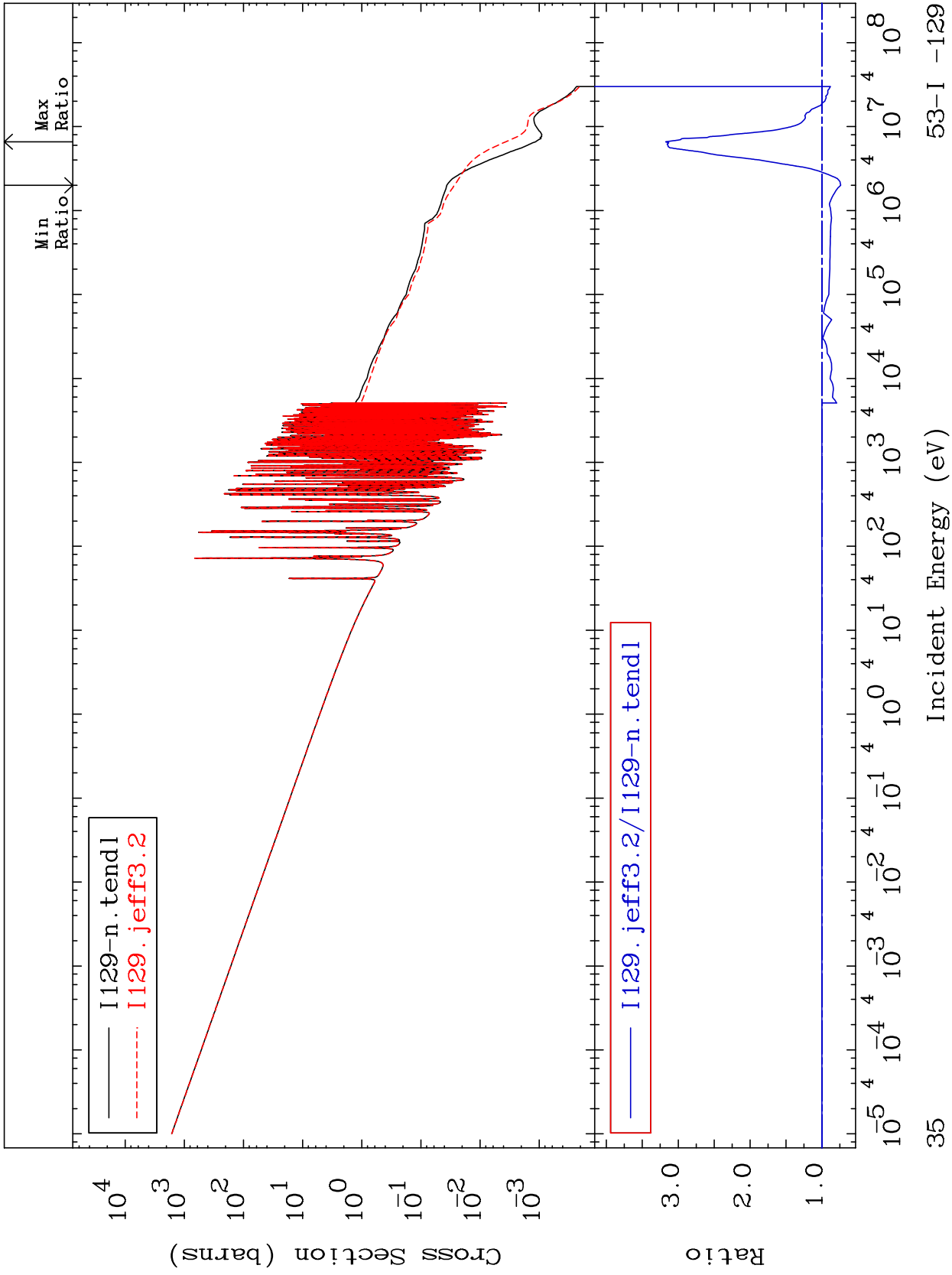




MAT 5331

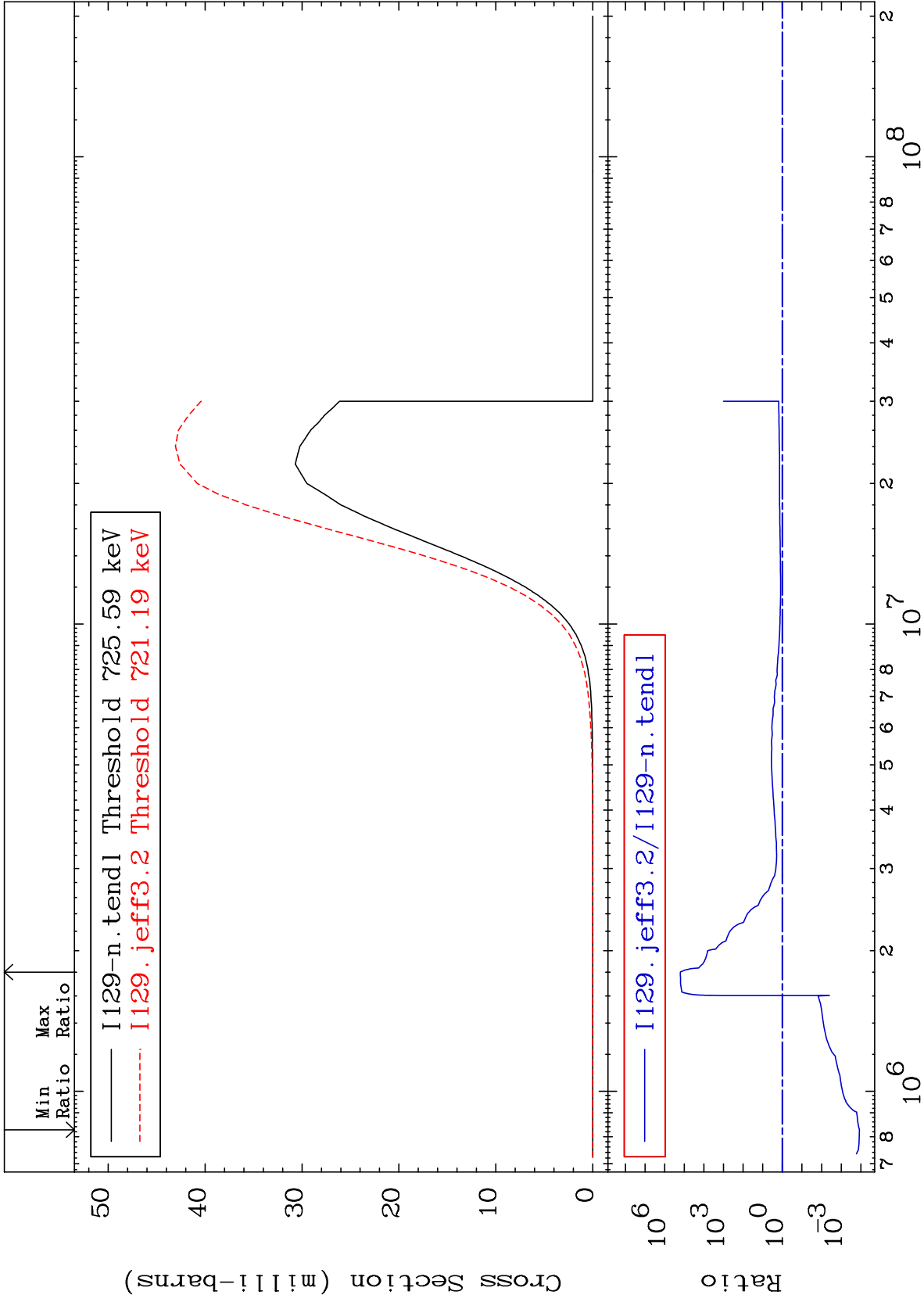
(n, γ)
Cross Section

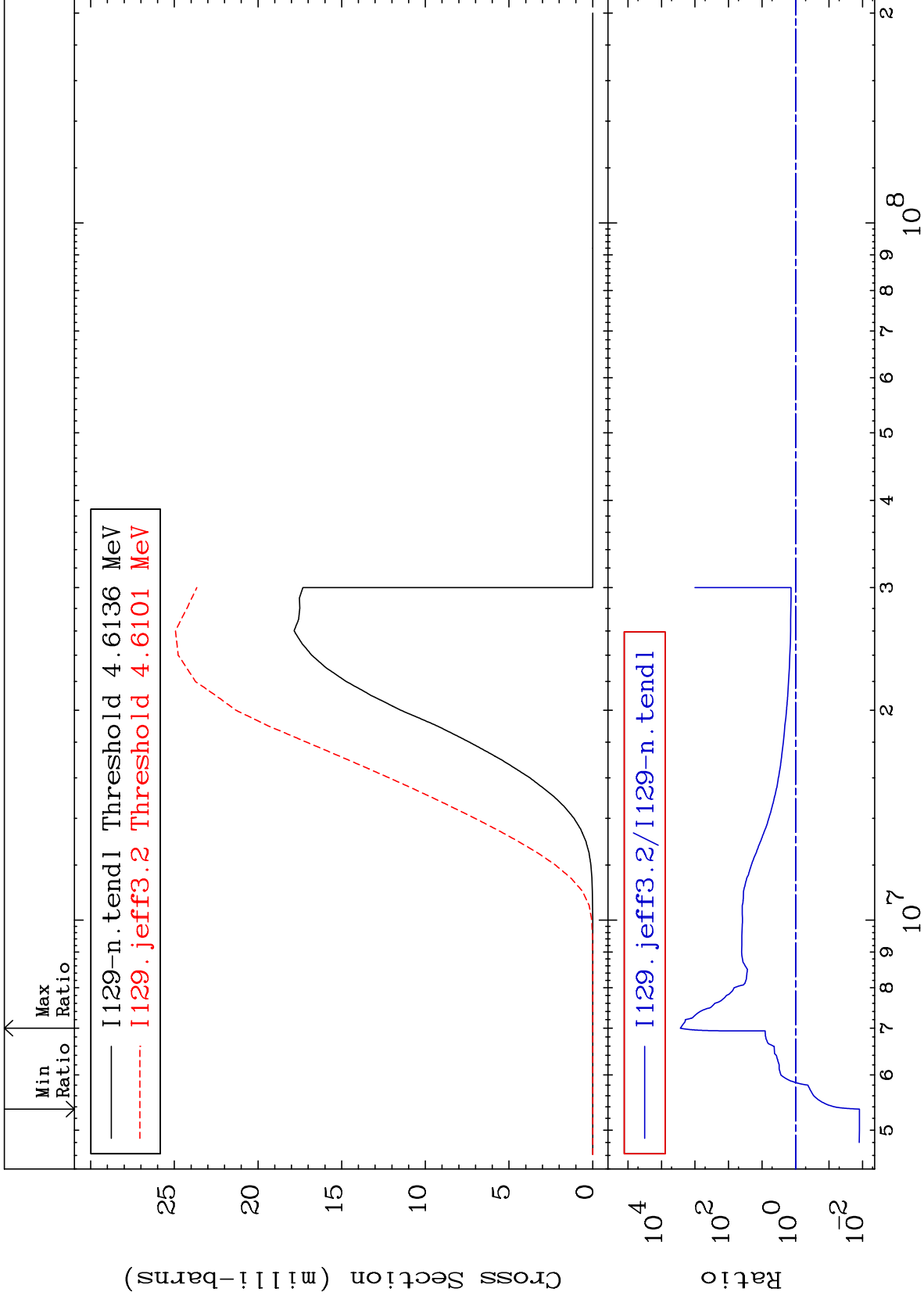
53-I -129
-26.06 To 217.7 %

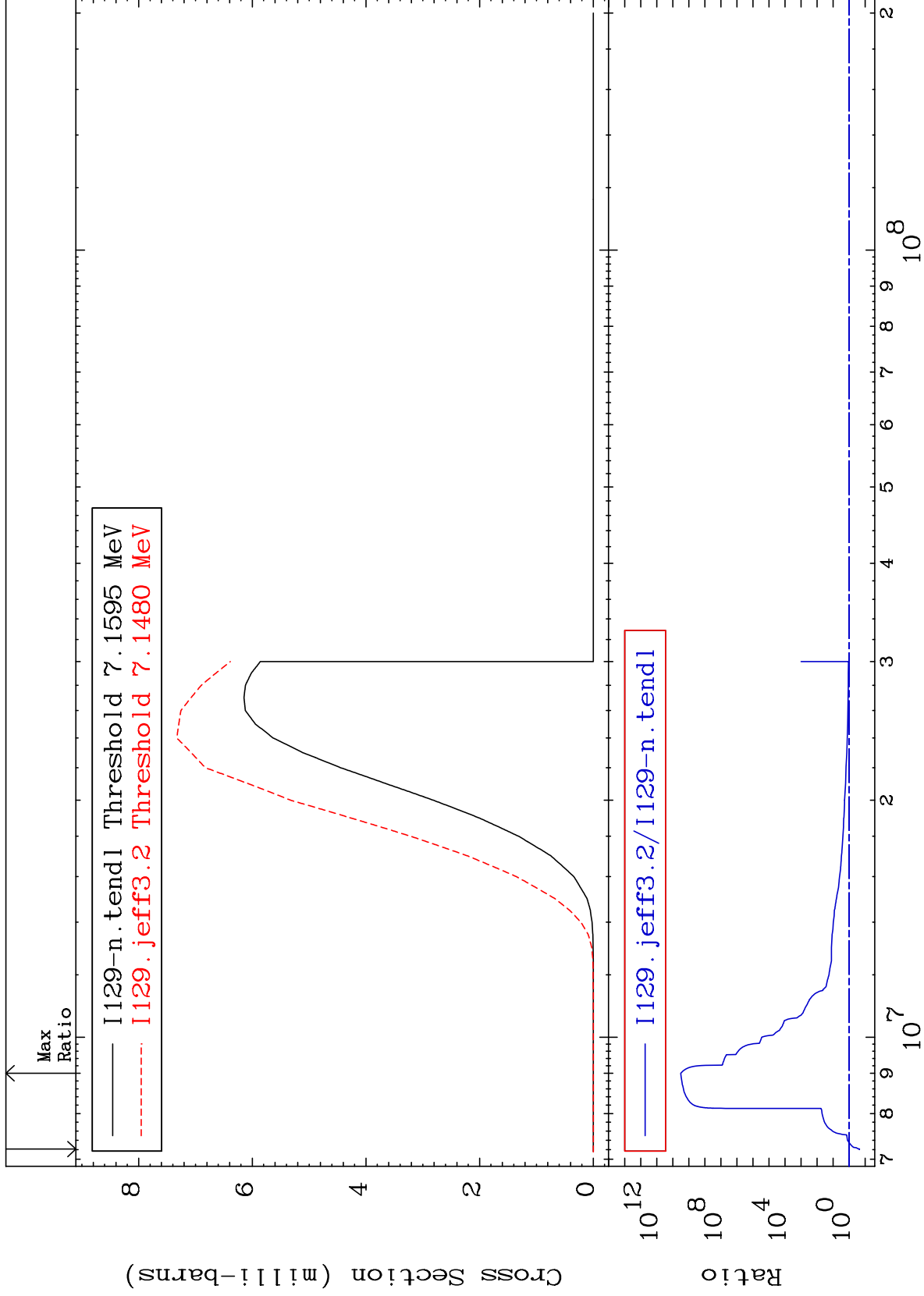


Cross Section

-99.99 To 9999. %

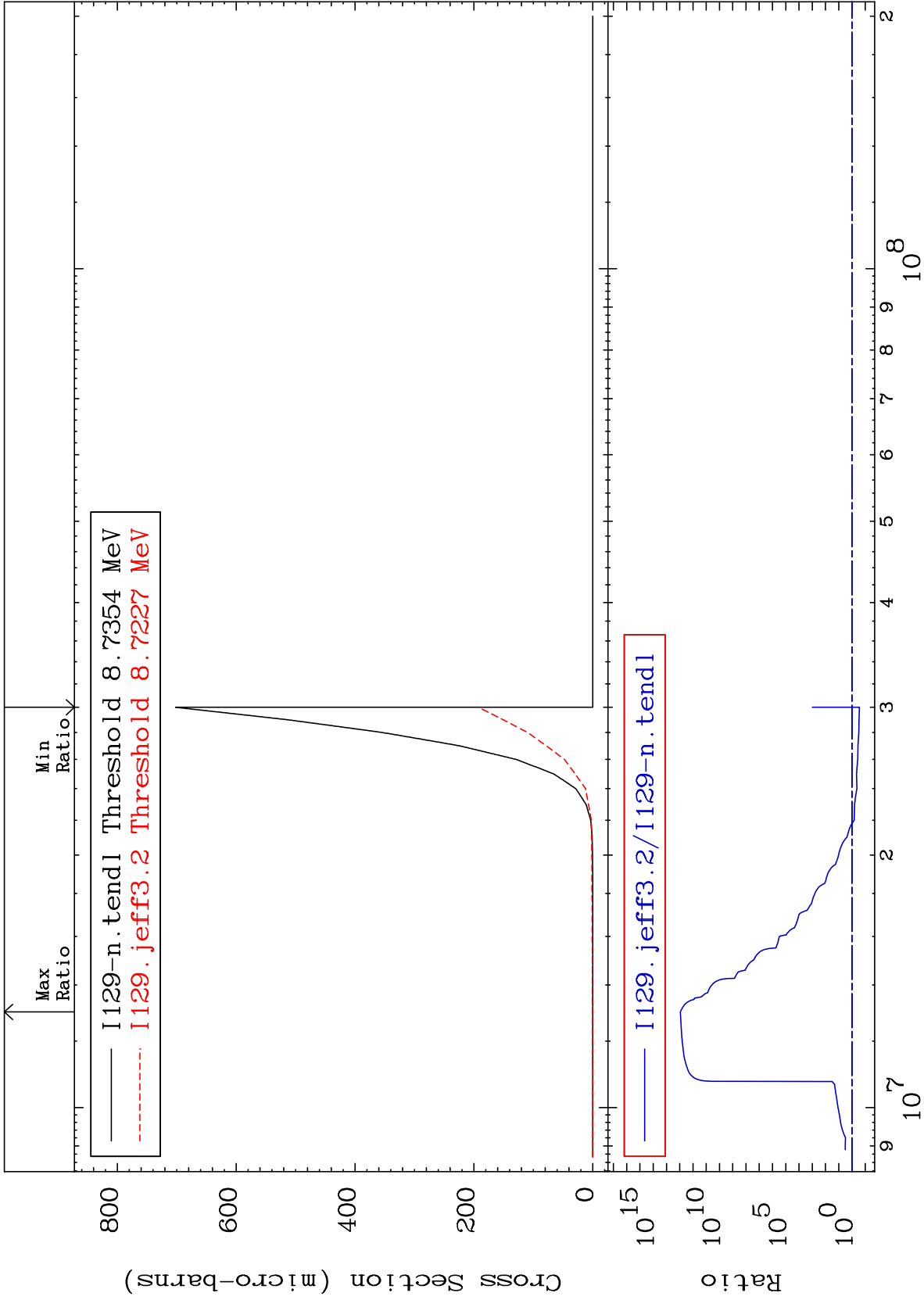






Cross Section

-72.59 To 9999. %



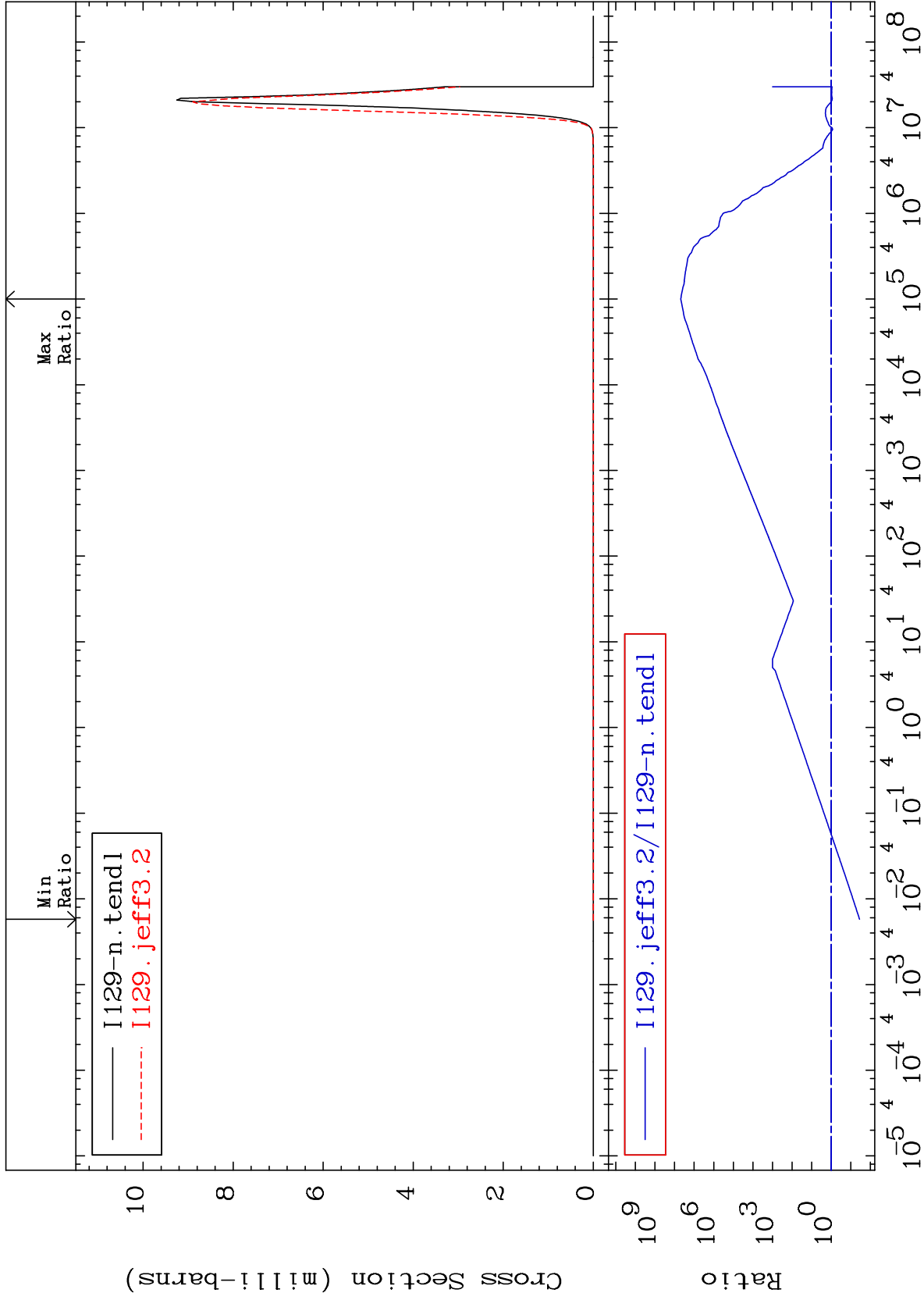
MAT 5331

(n, α)

53-I -129

Cross Section

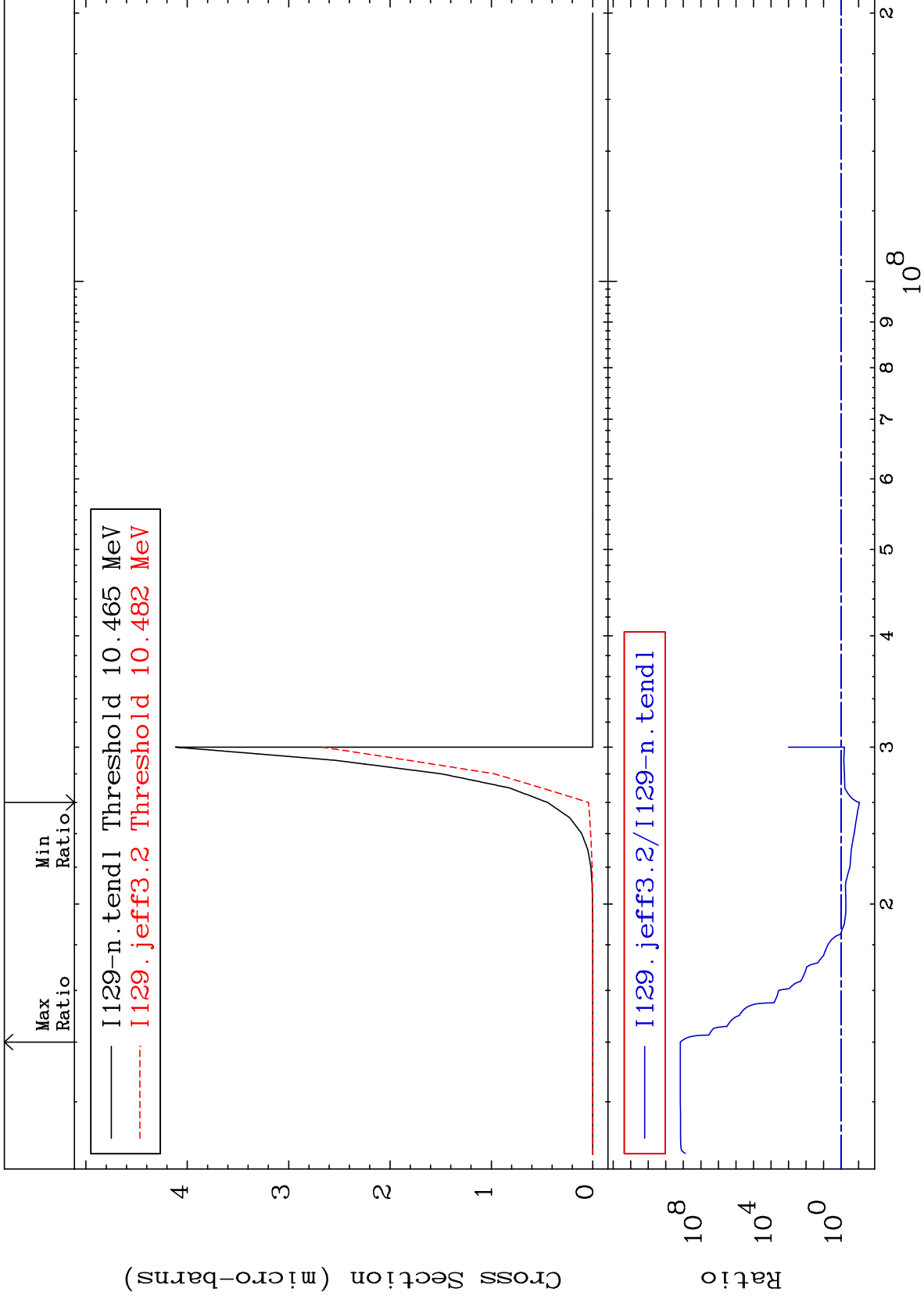
-96.45 To 9999. %

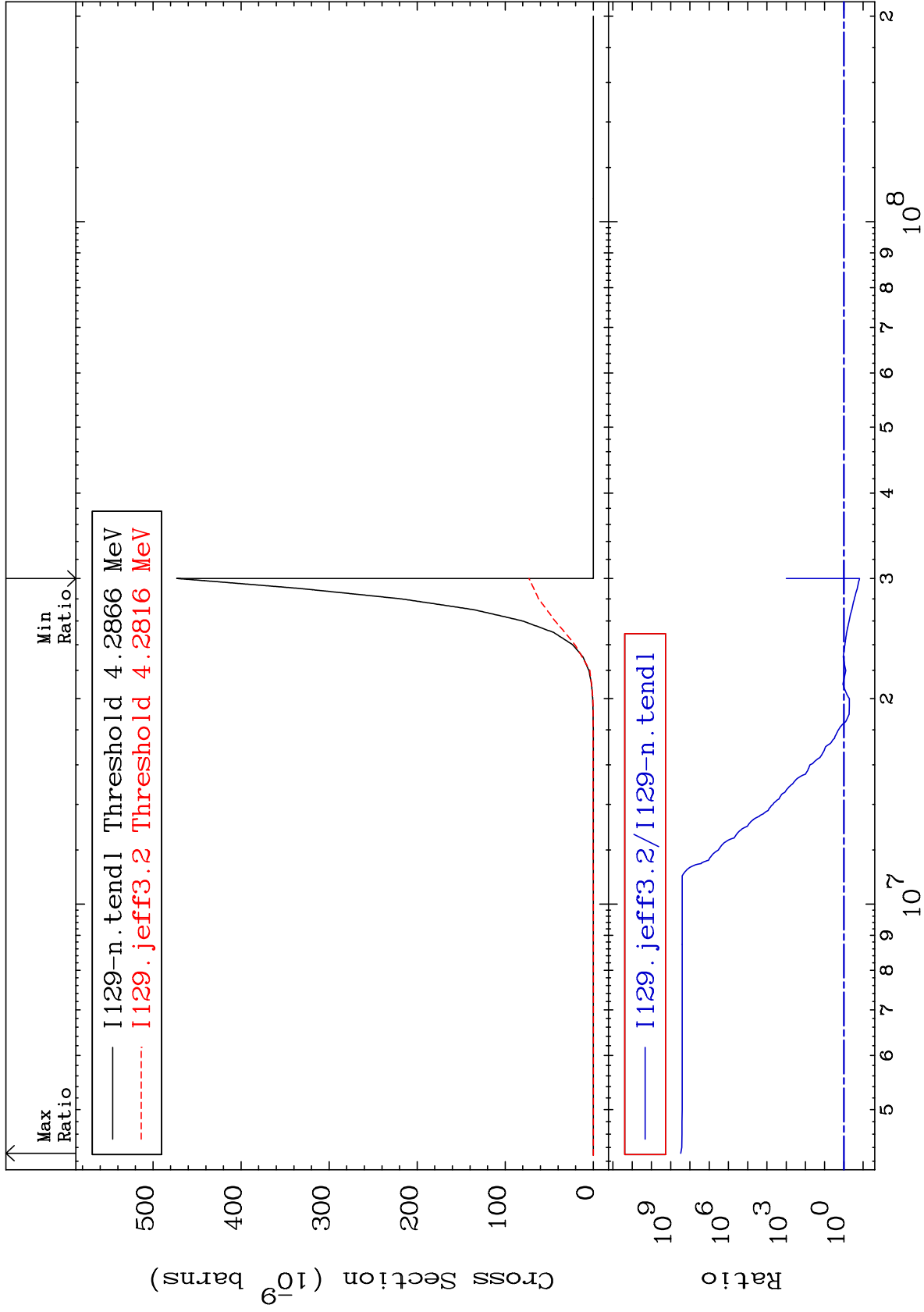


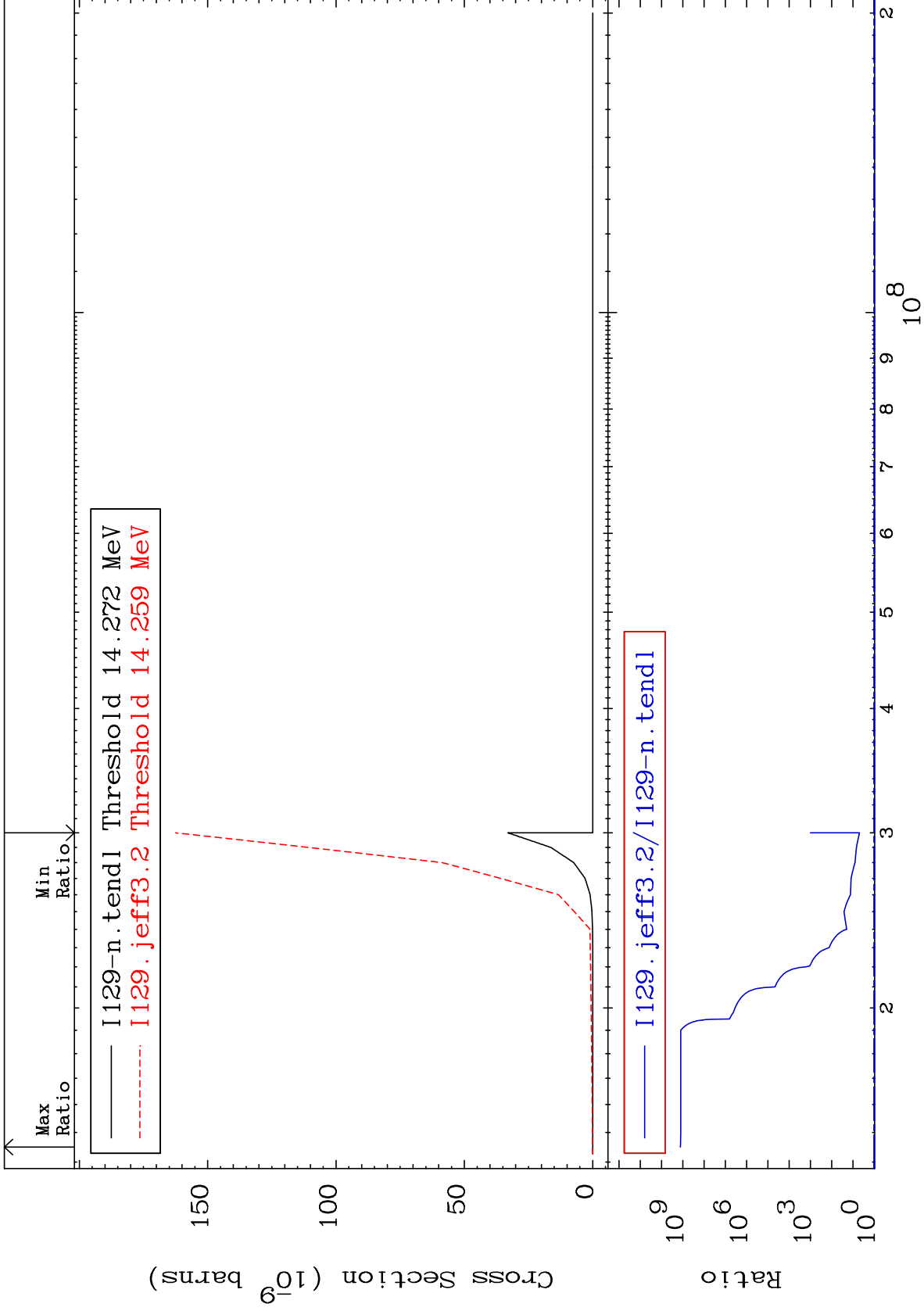
40

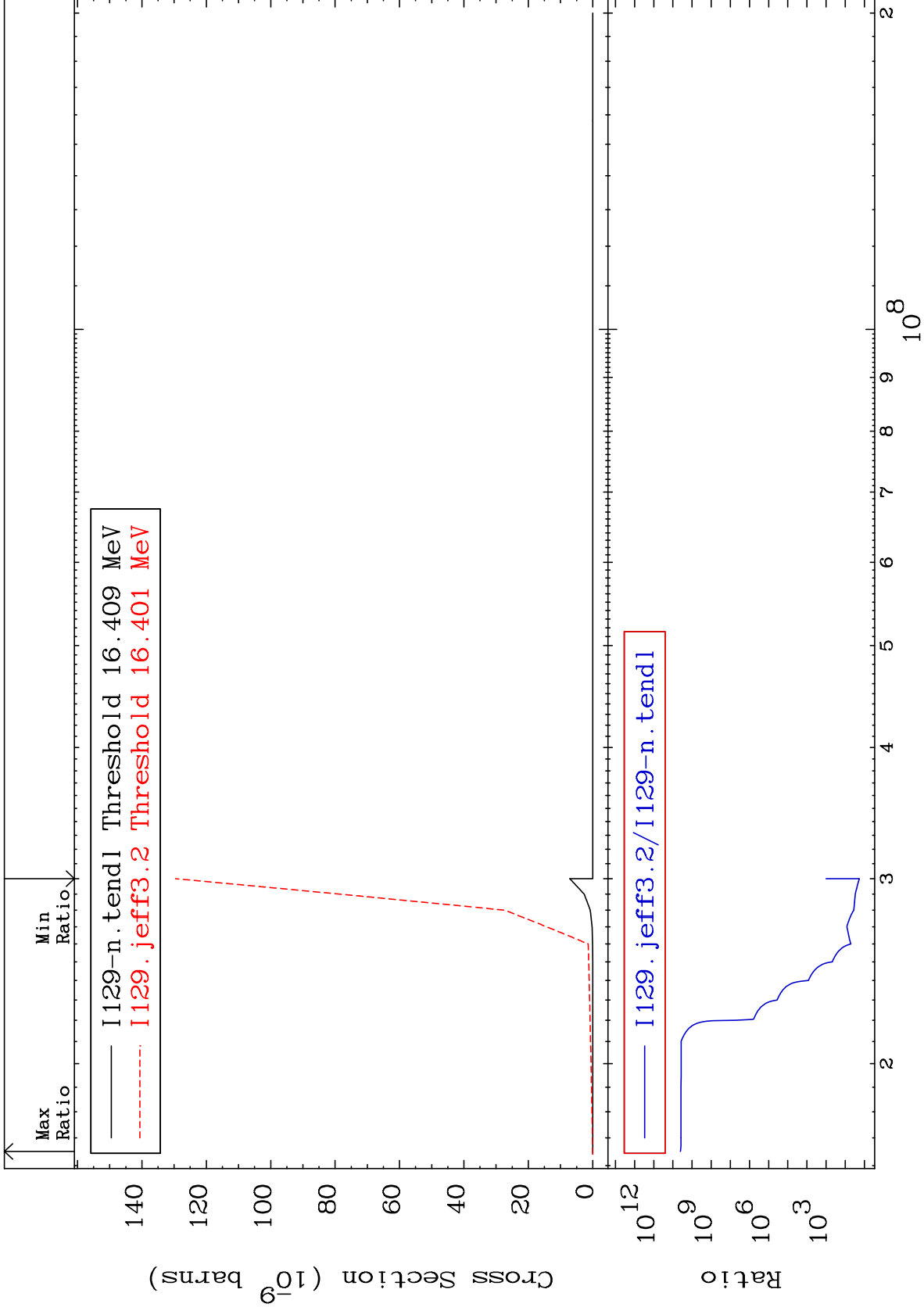
Incident Energy (eV)

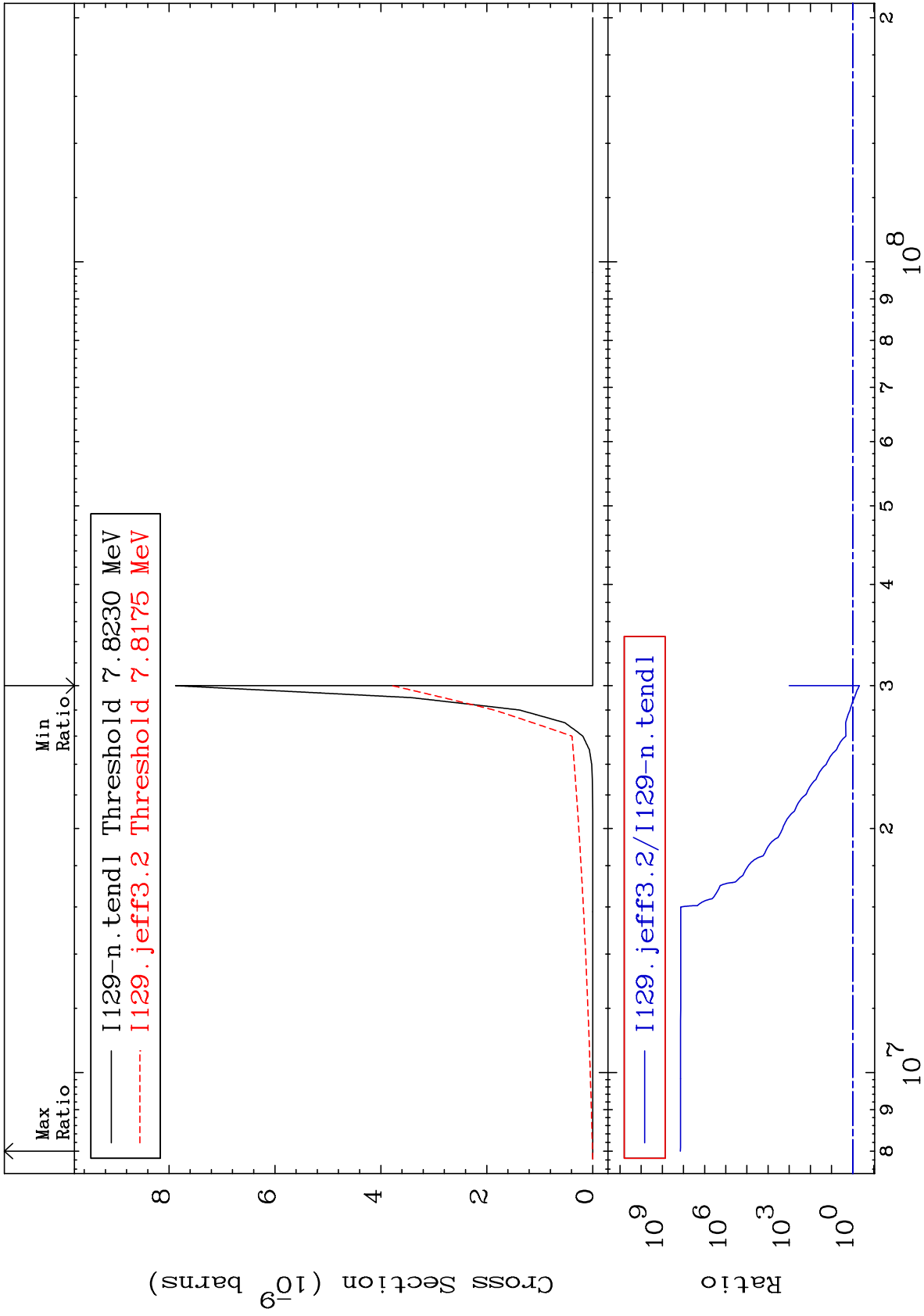
53-I -129

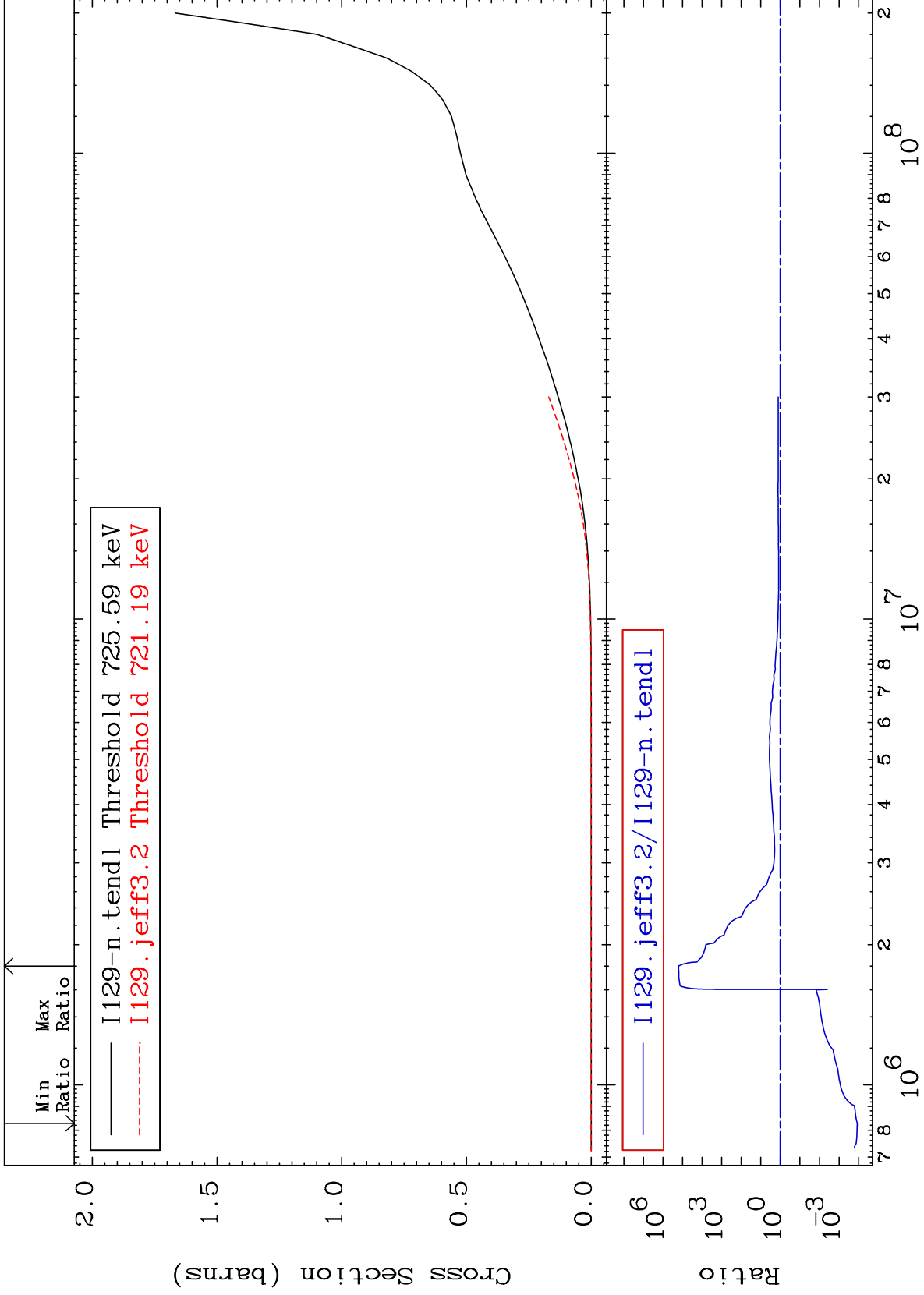


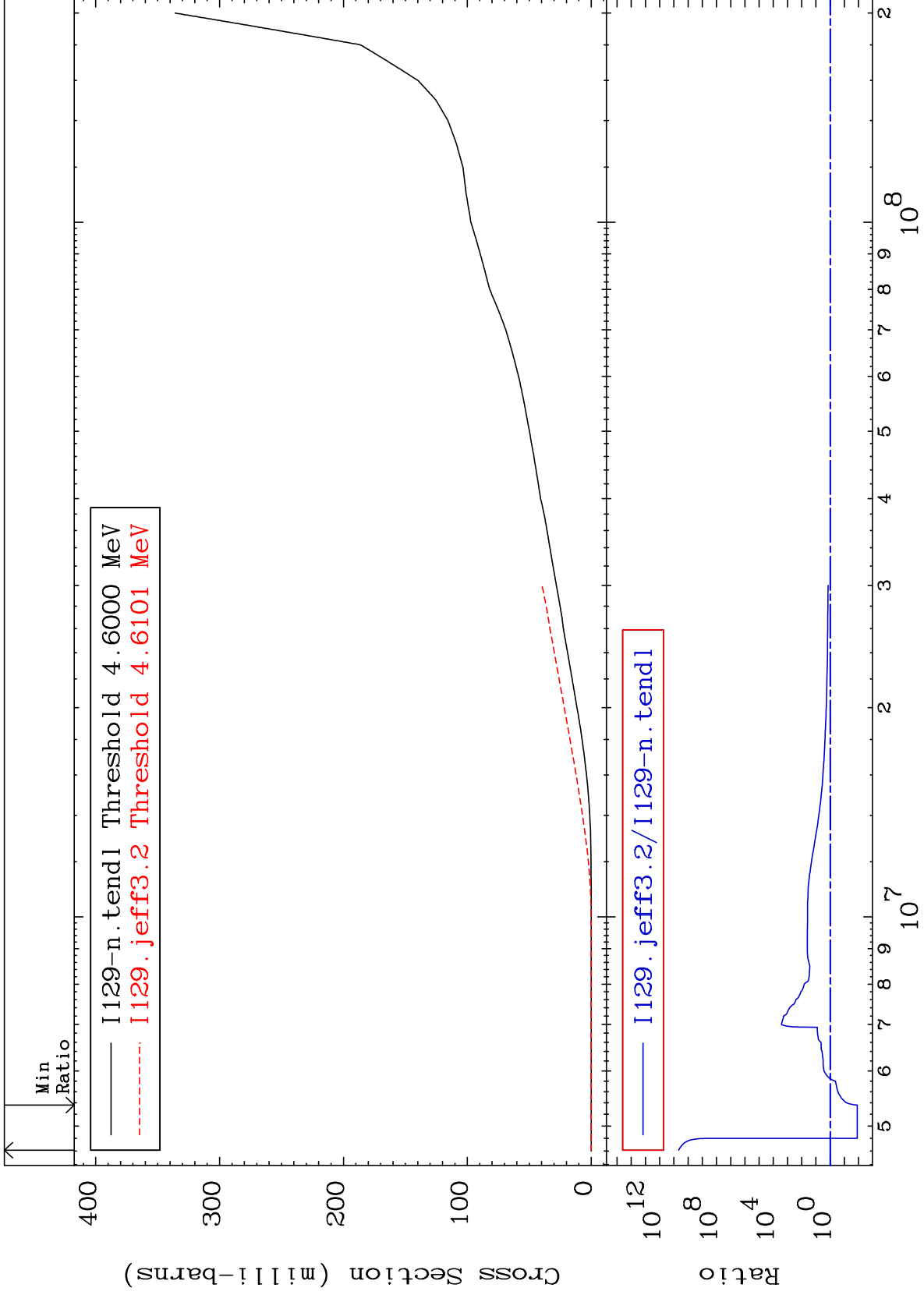


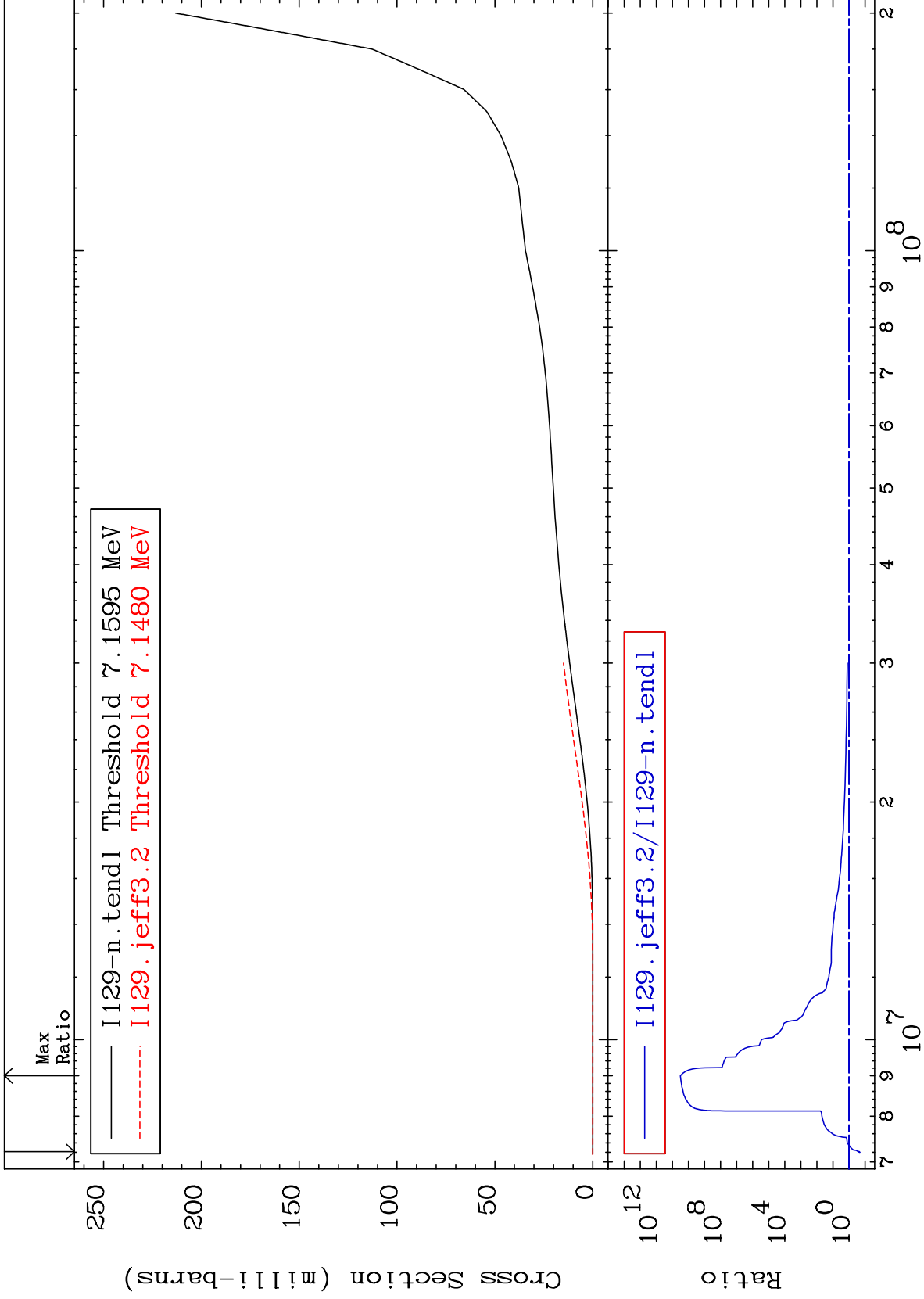


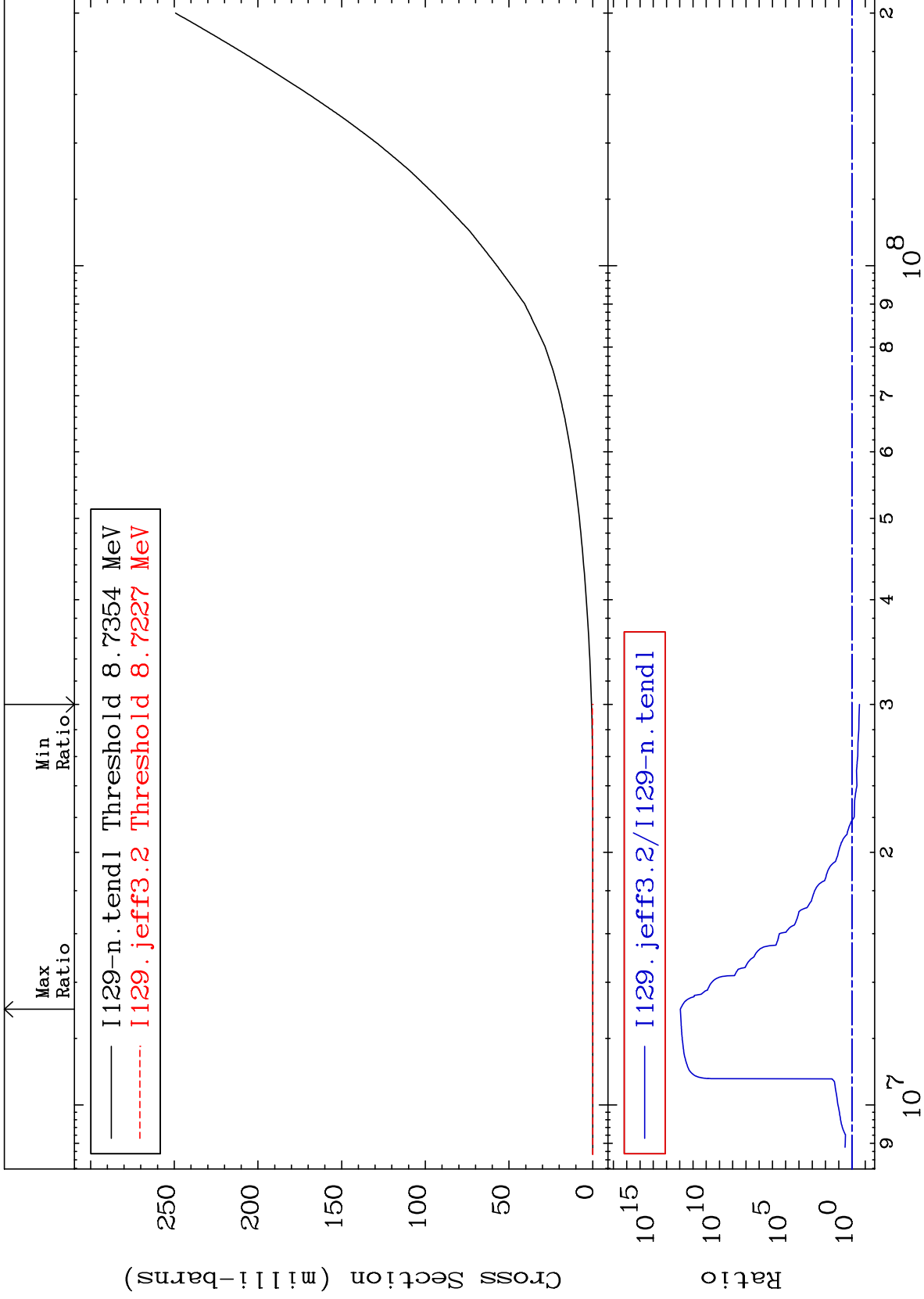








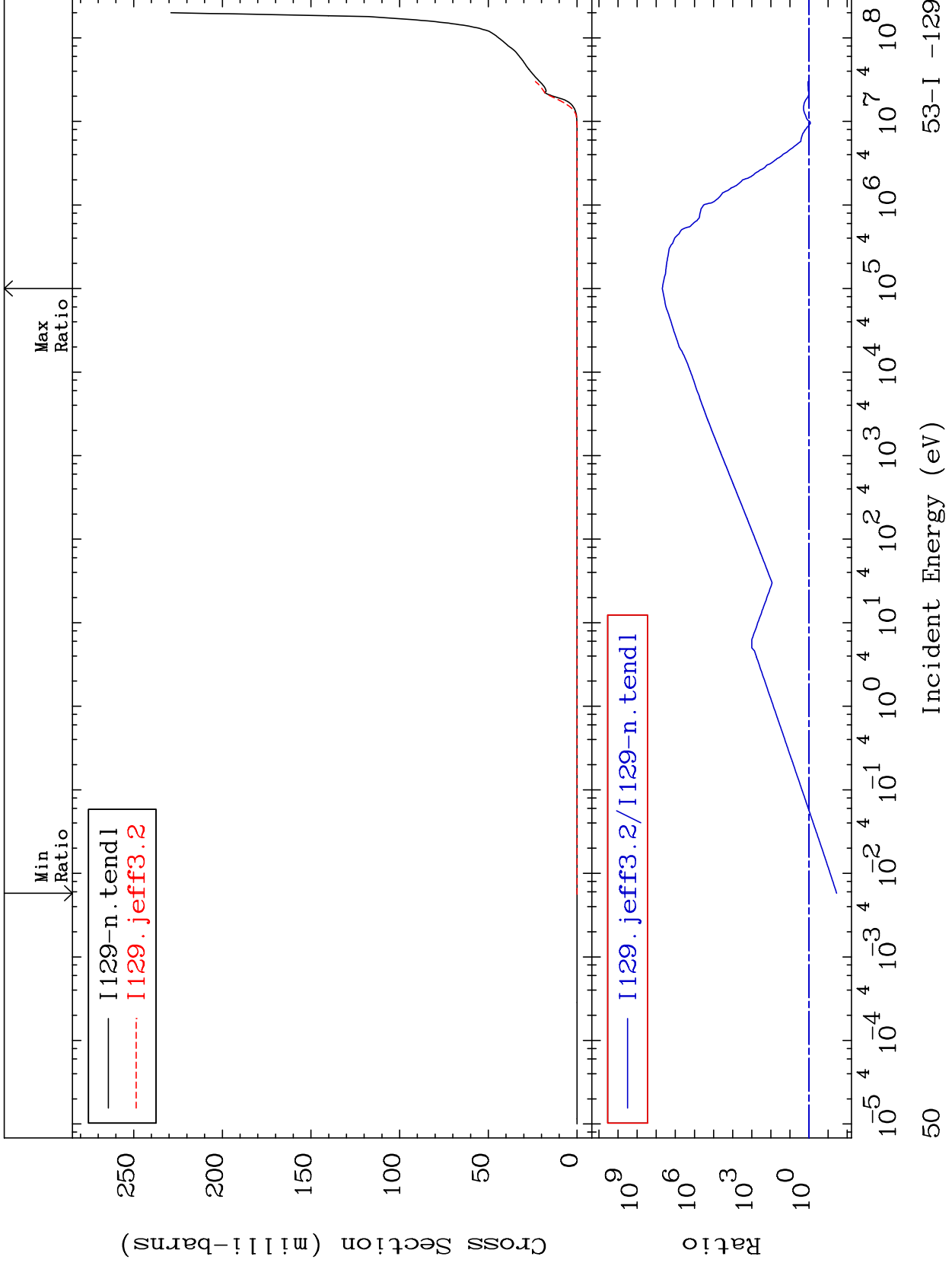




MAT 5331

He-4 Production
Cross Section

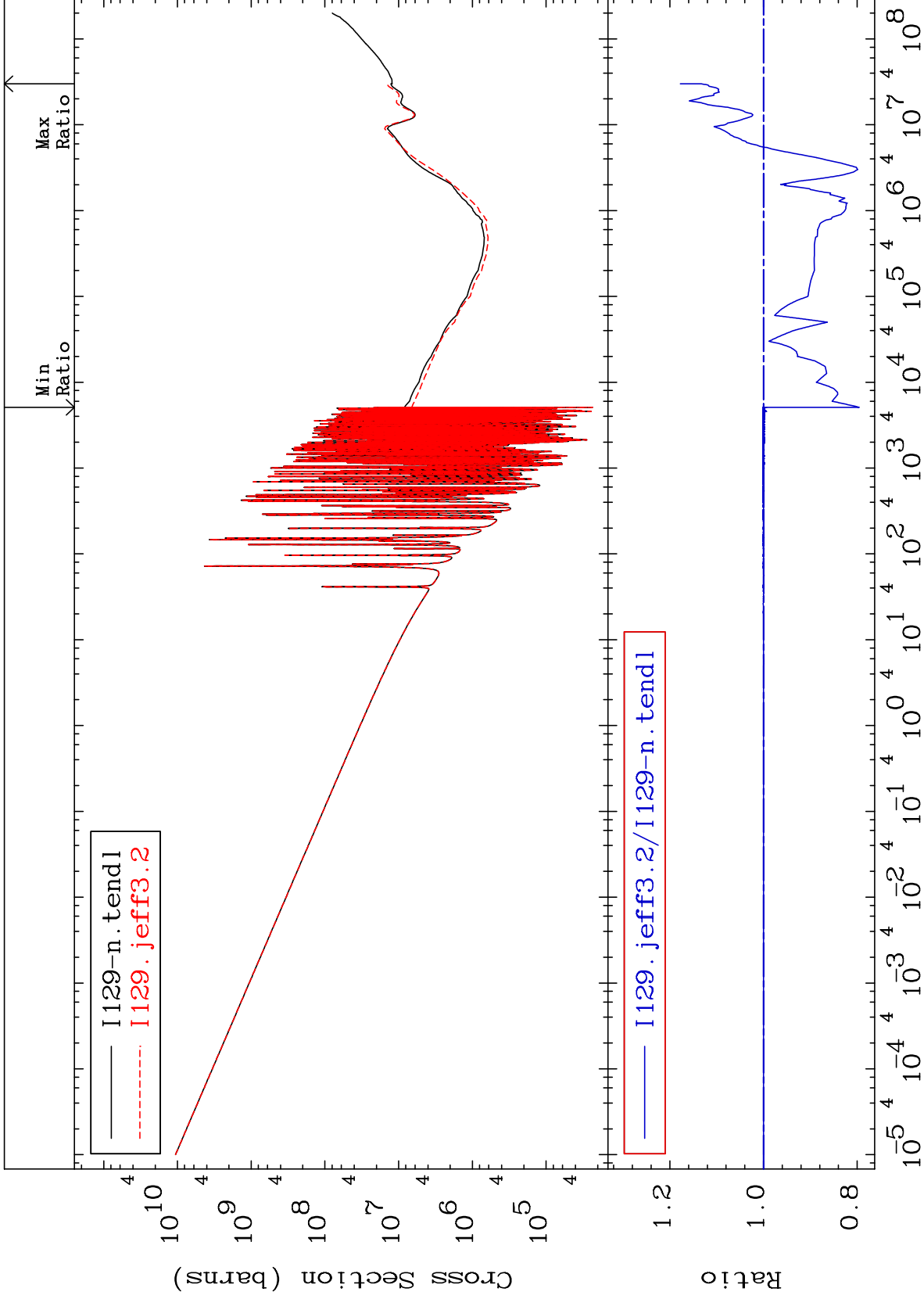
53-I -129
-96.45 To 9999. %



50

Incident Energy (eV)

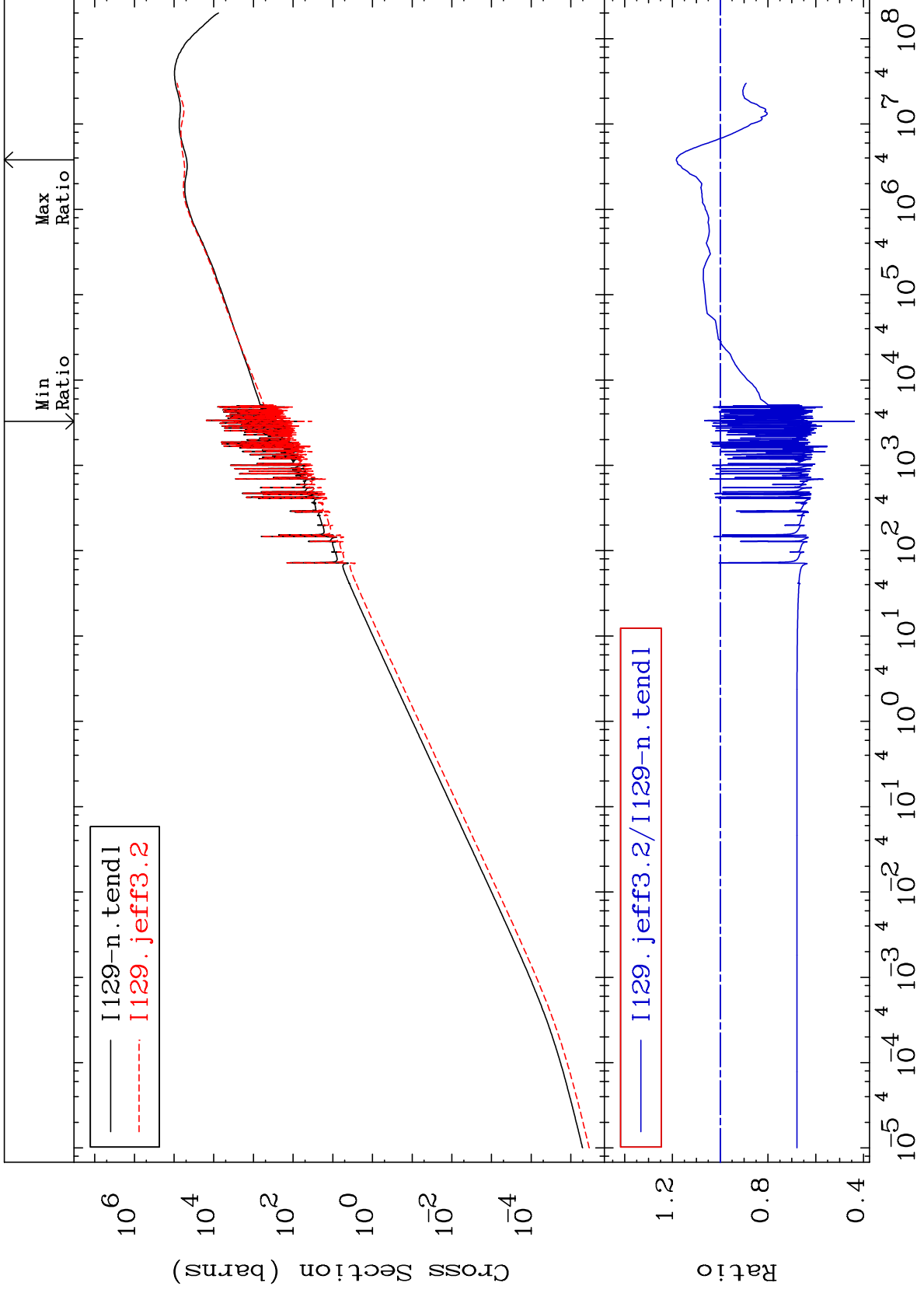
53-I -129



MAT 5331

Kerma elastic
Cross Section

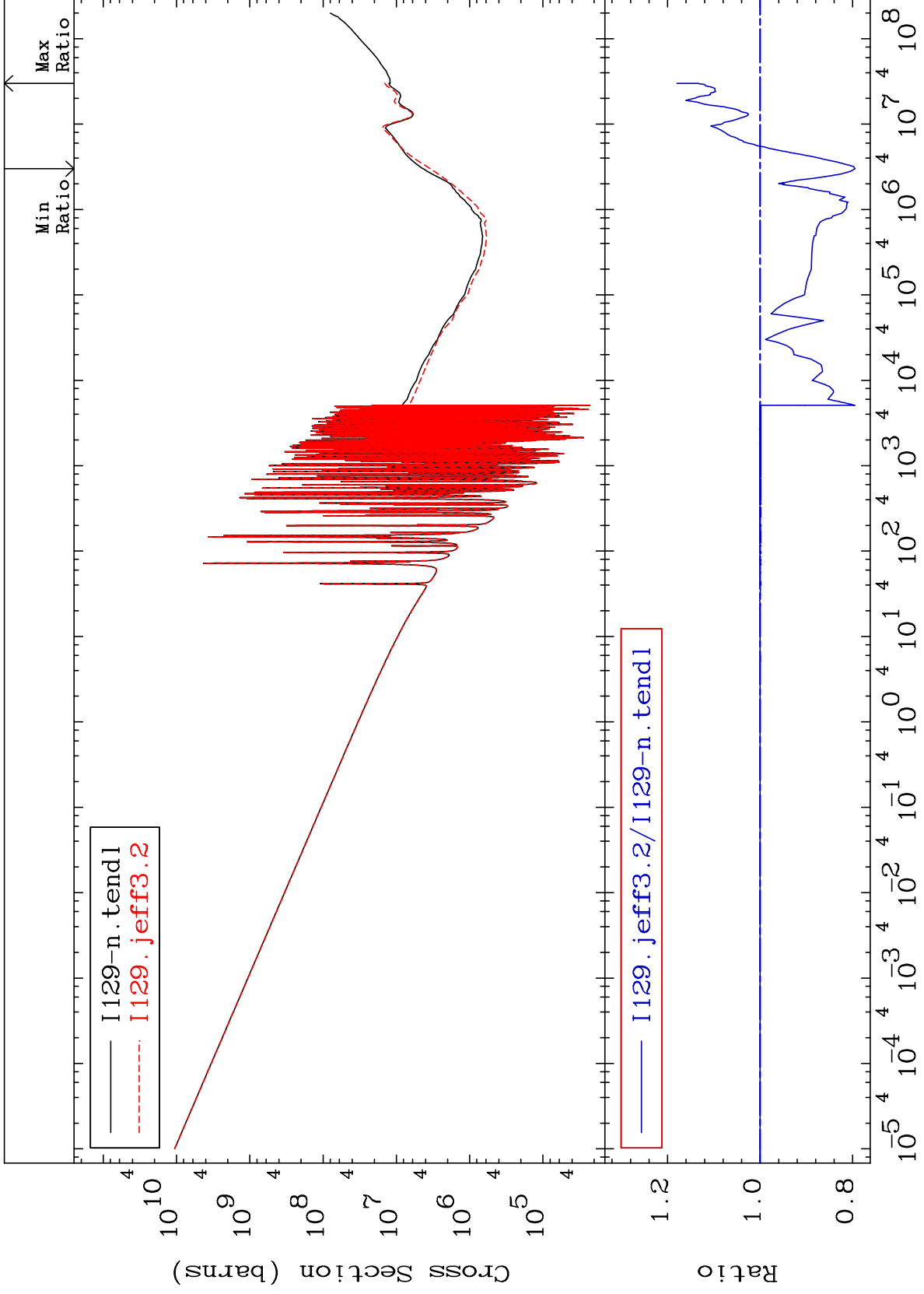
53-I -129
-56.17 To 18.37 %



MAT 5331

Kerma non-elastic (all but mt2)
Cross Section

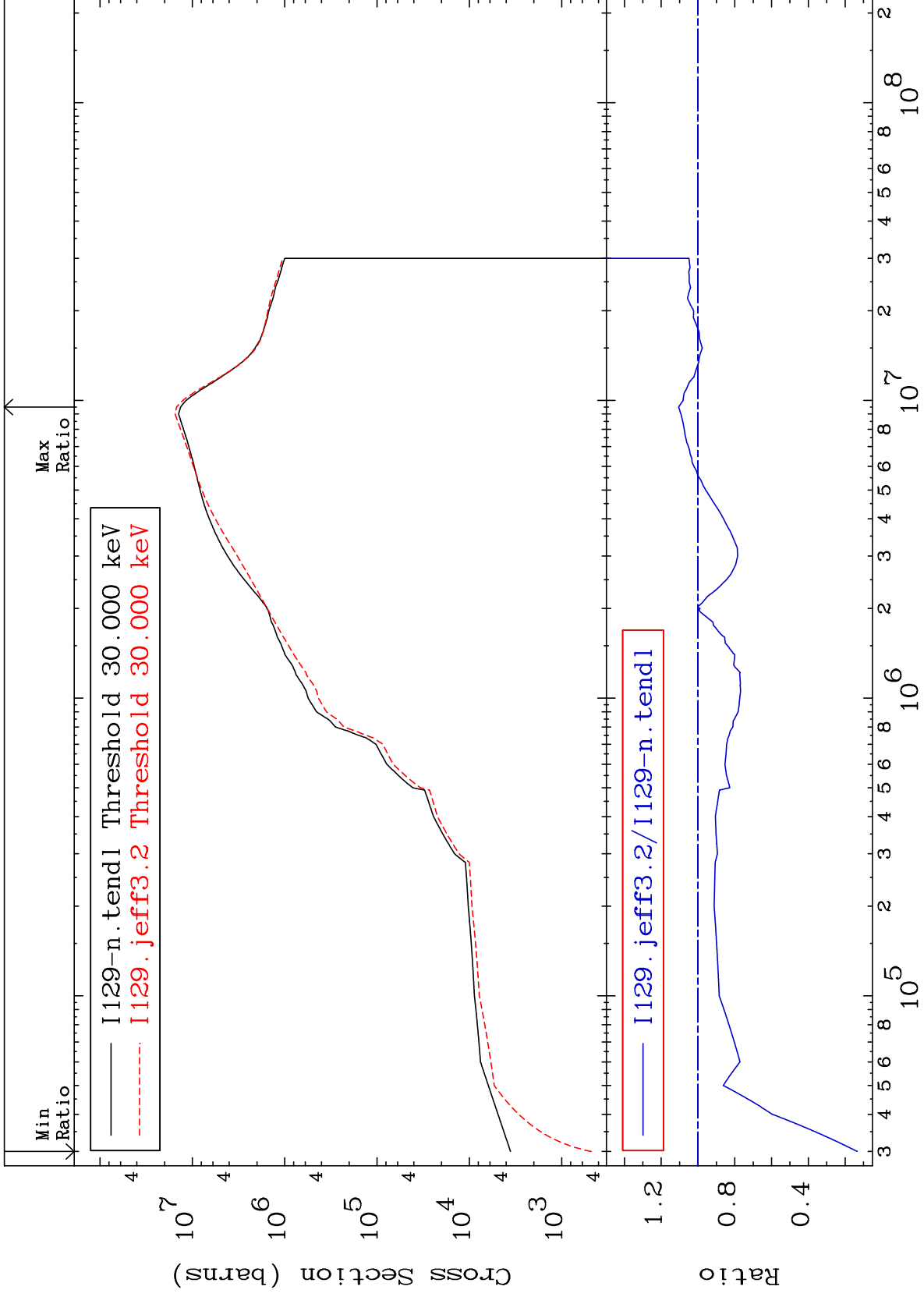
53-I -129
-20.52 To 17.98 %

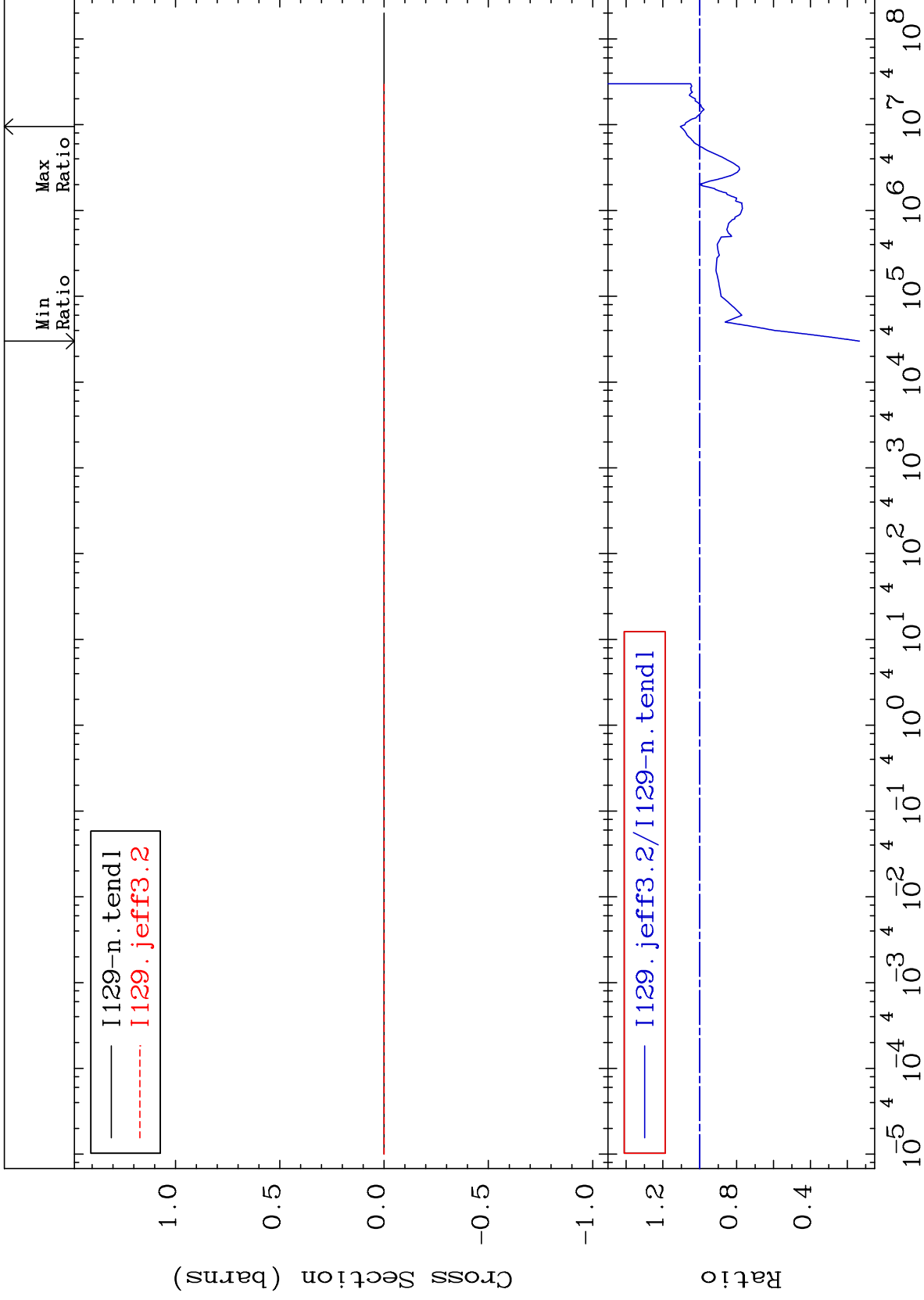


53

Incident Energy (eV)

53-I -129

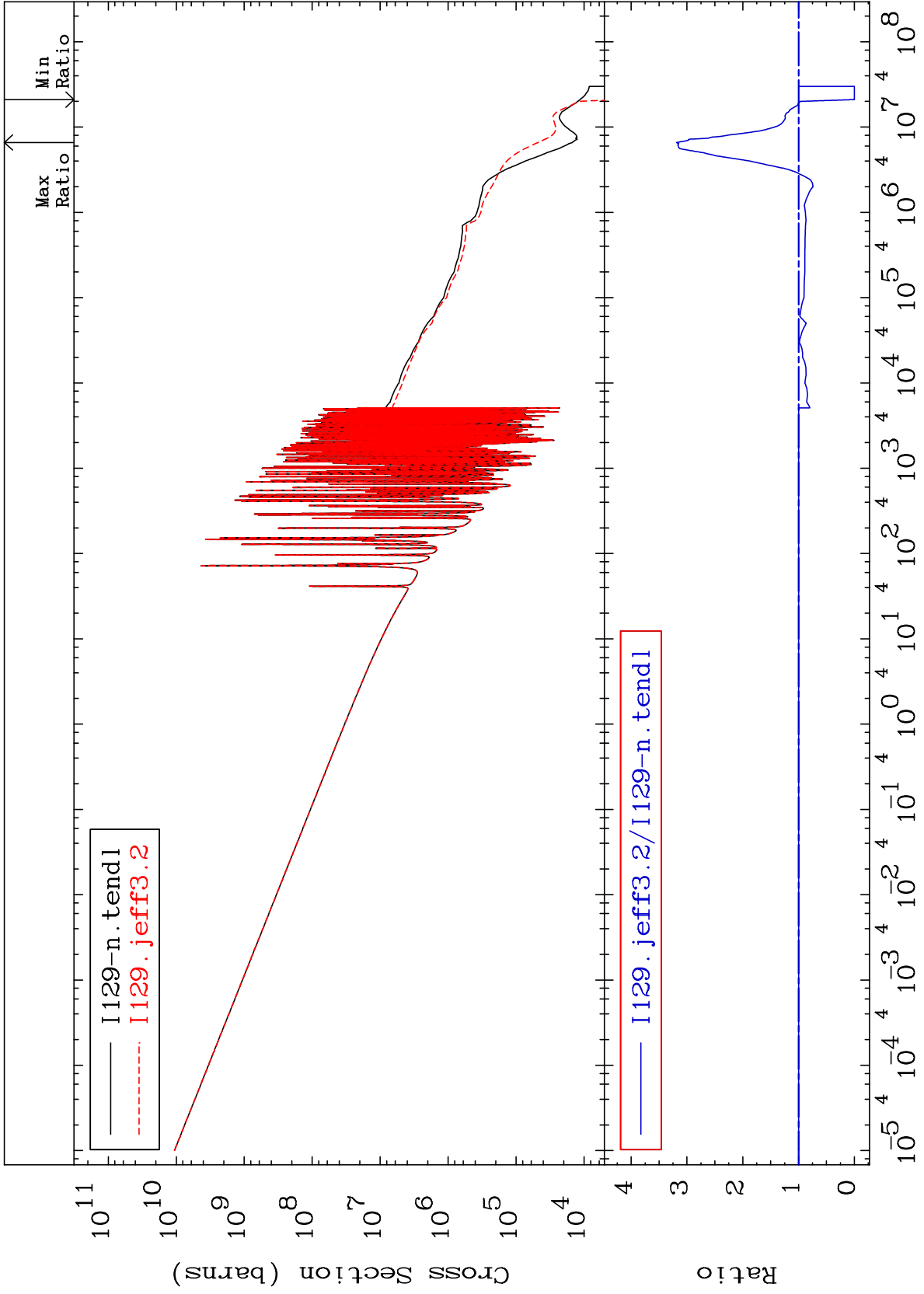




MAT 5331

Kerma capture (mt102)
Cross Section

53-I -129
-100.0 To 219.0 %



56

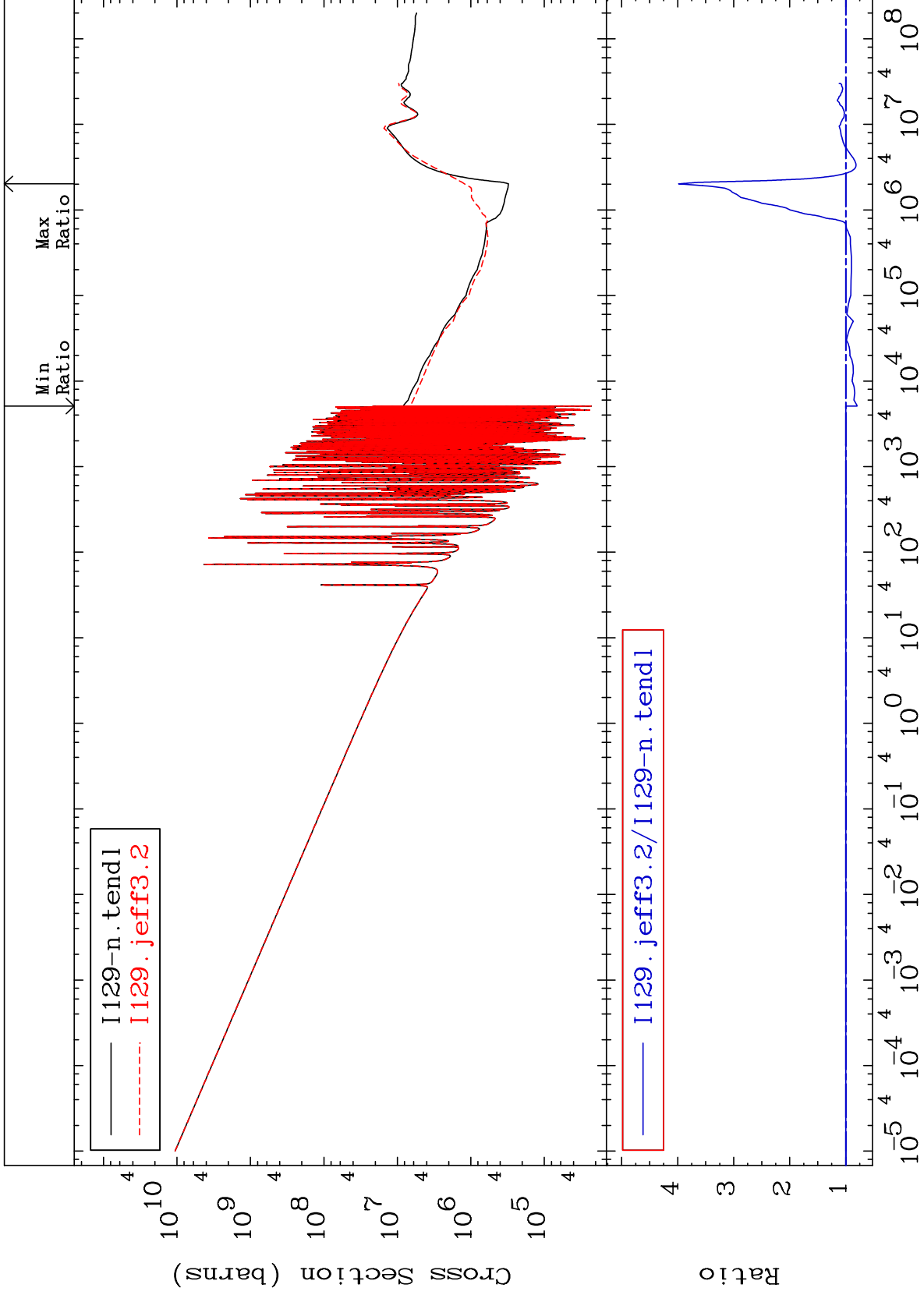
Incident Energy (eV)

53-I -129

MAT 5331

Total photon (eV-barns)
Cross Section

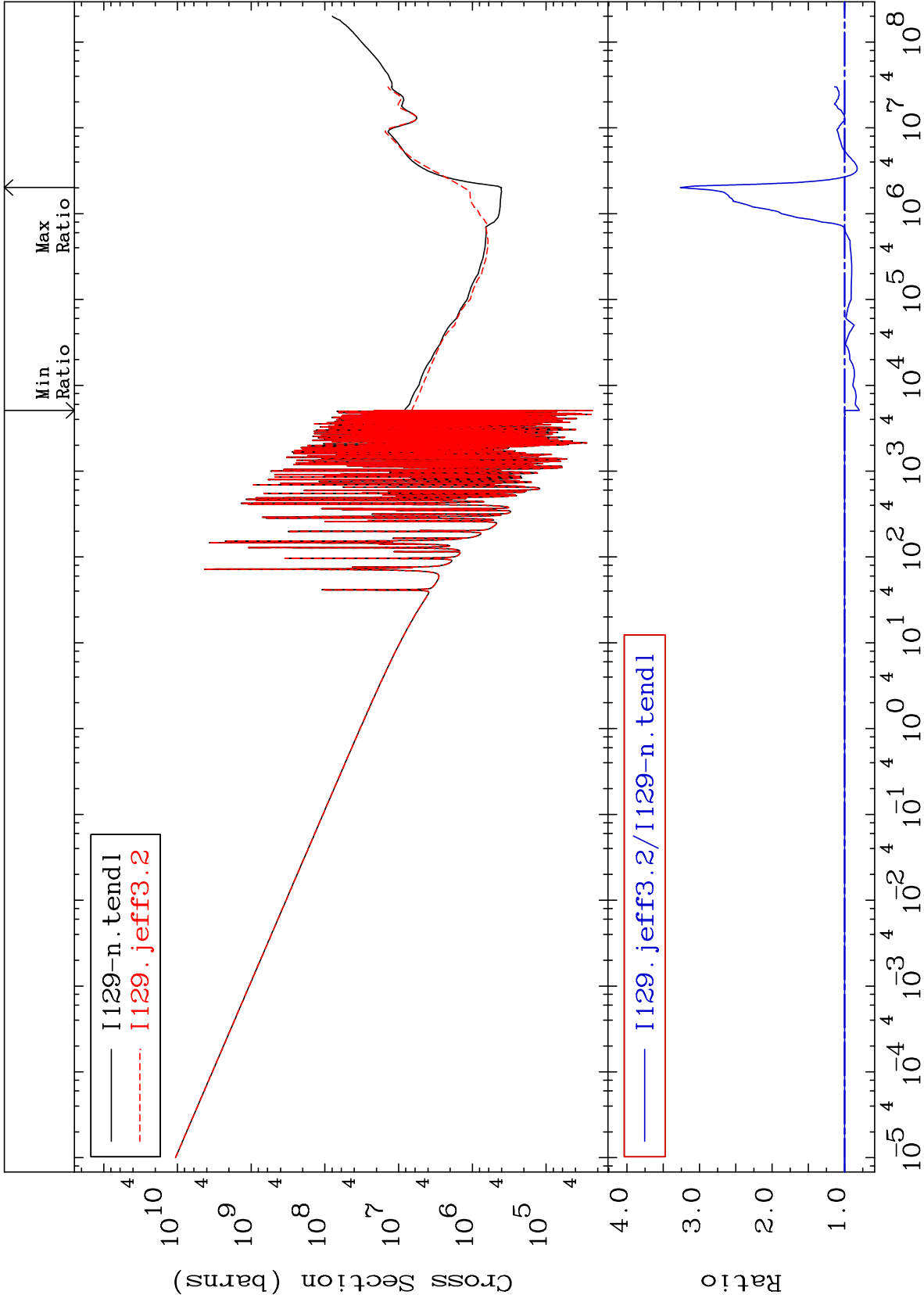
53-I -129
-20.48 To 298.3 %

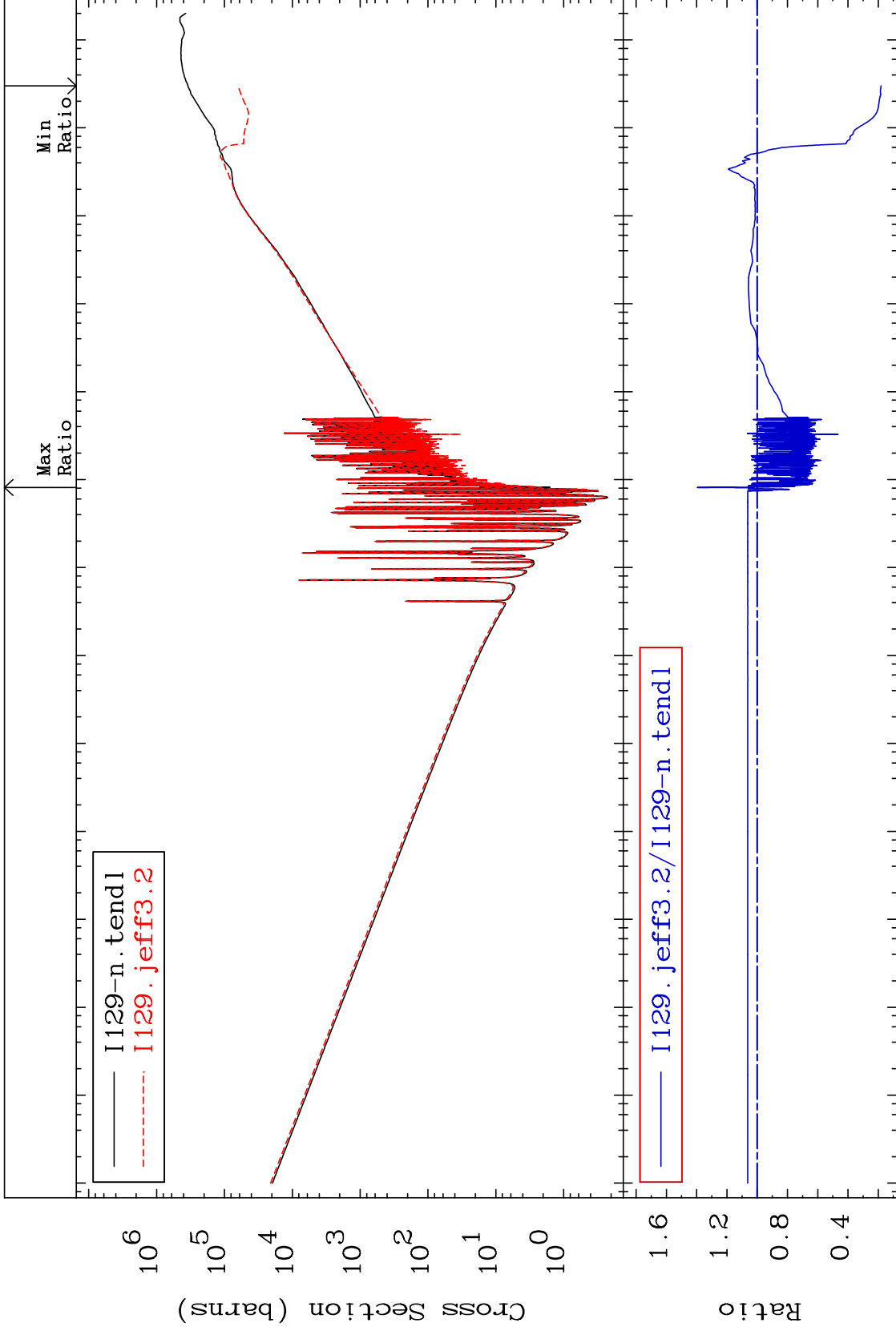


57

Incident Energy (eV)

53-I -129

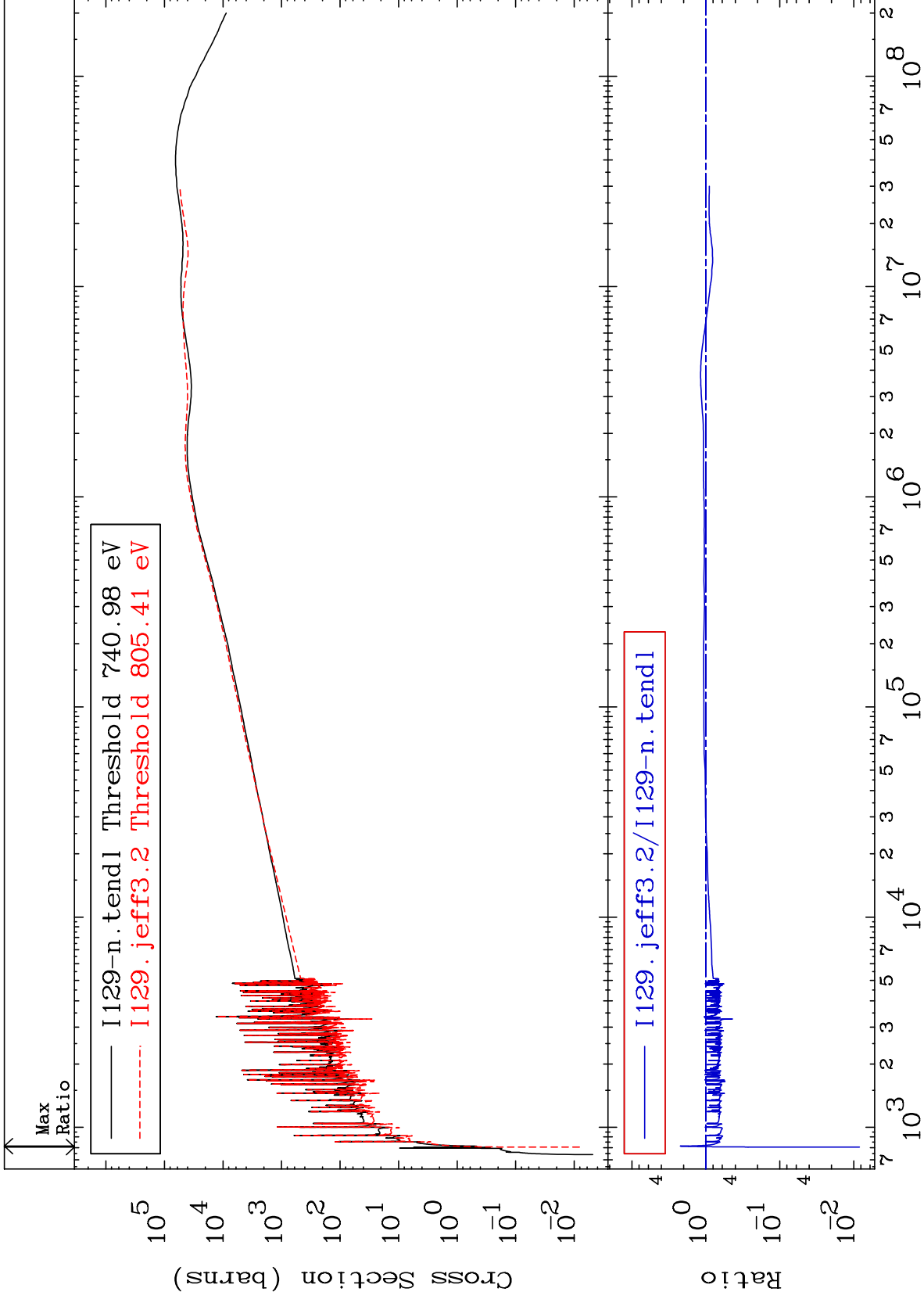




MAT 5331

Dpa elastic (mt2)
Cross Section

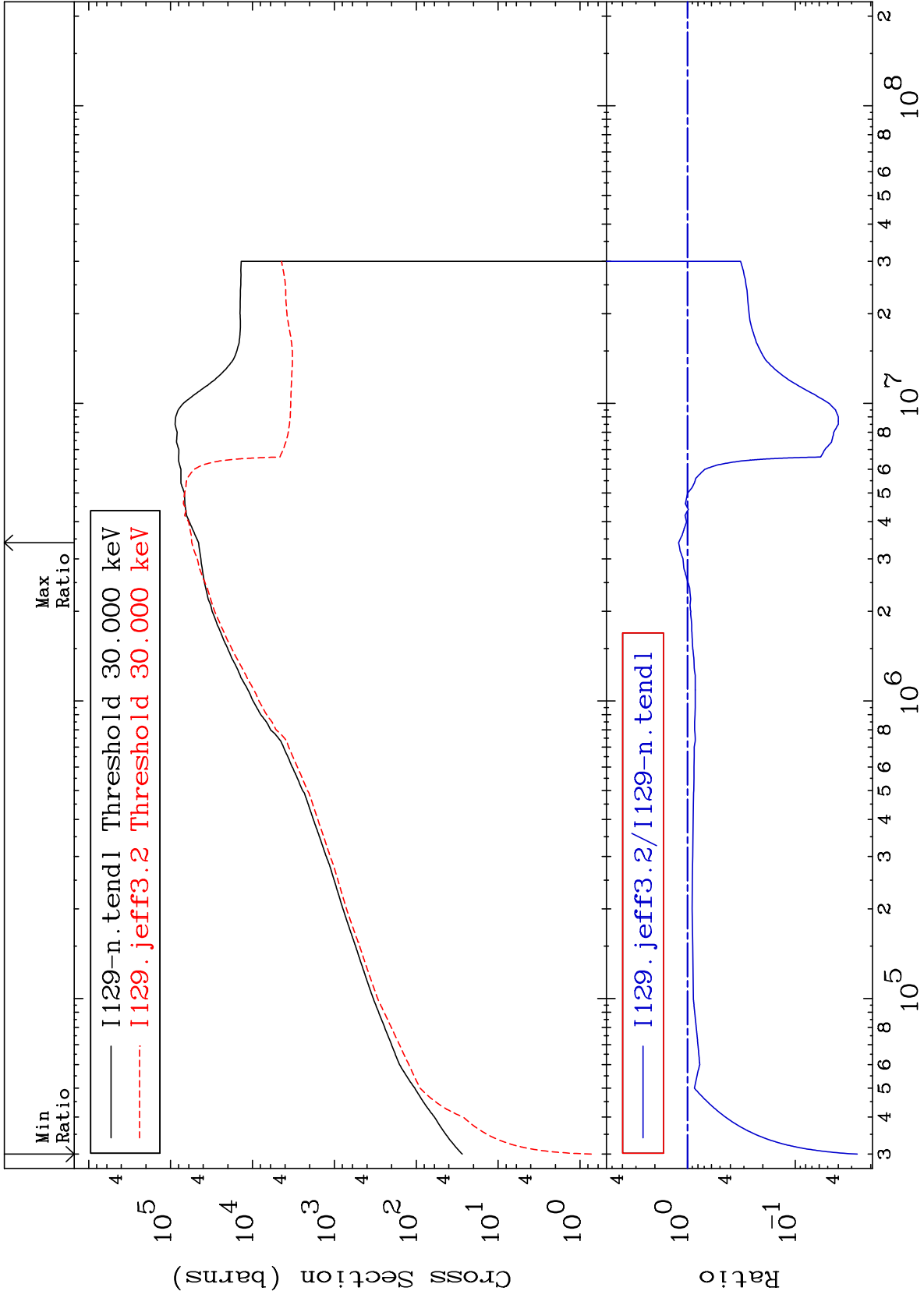
53-I -129
-99.16 To 121.2 %



60

Incident Energy (eV)

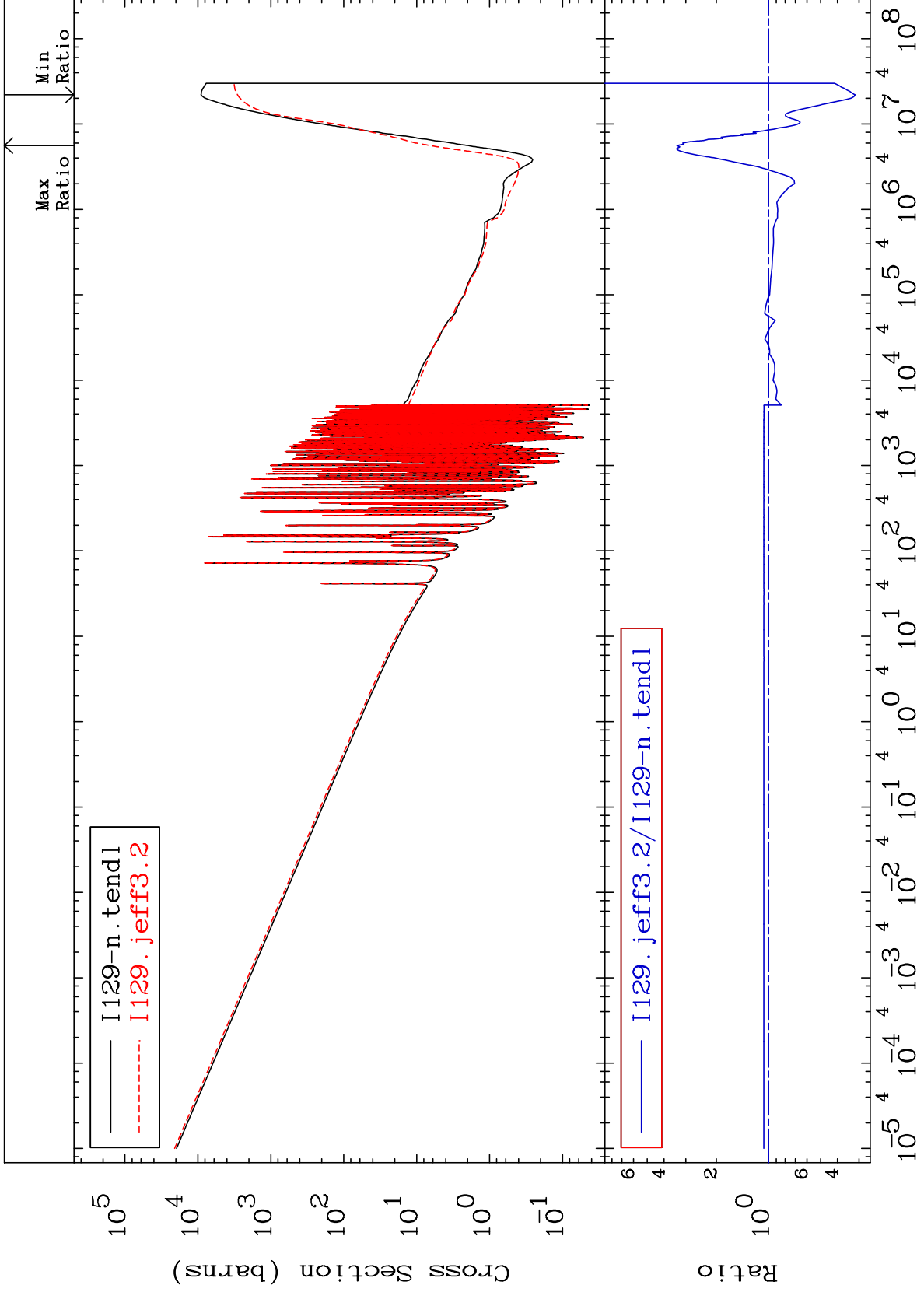
53-I -129



MAT 5331

Dpa disappearance (mt102 -120)
Cross Section

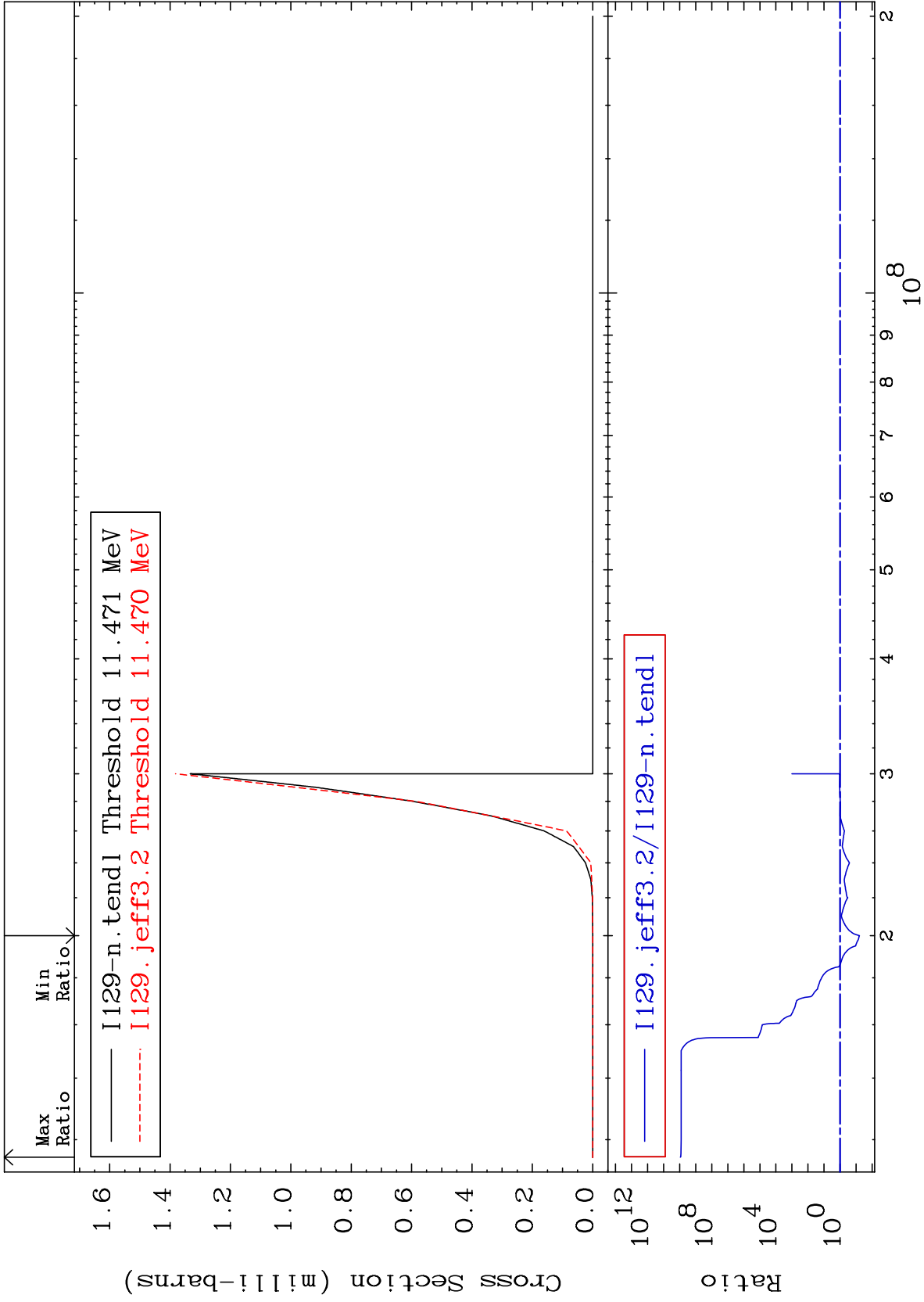
53-I -129
-68.39 To 237.3 %

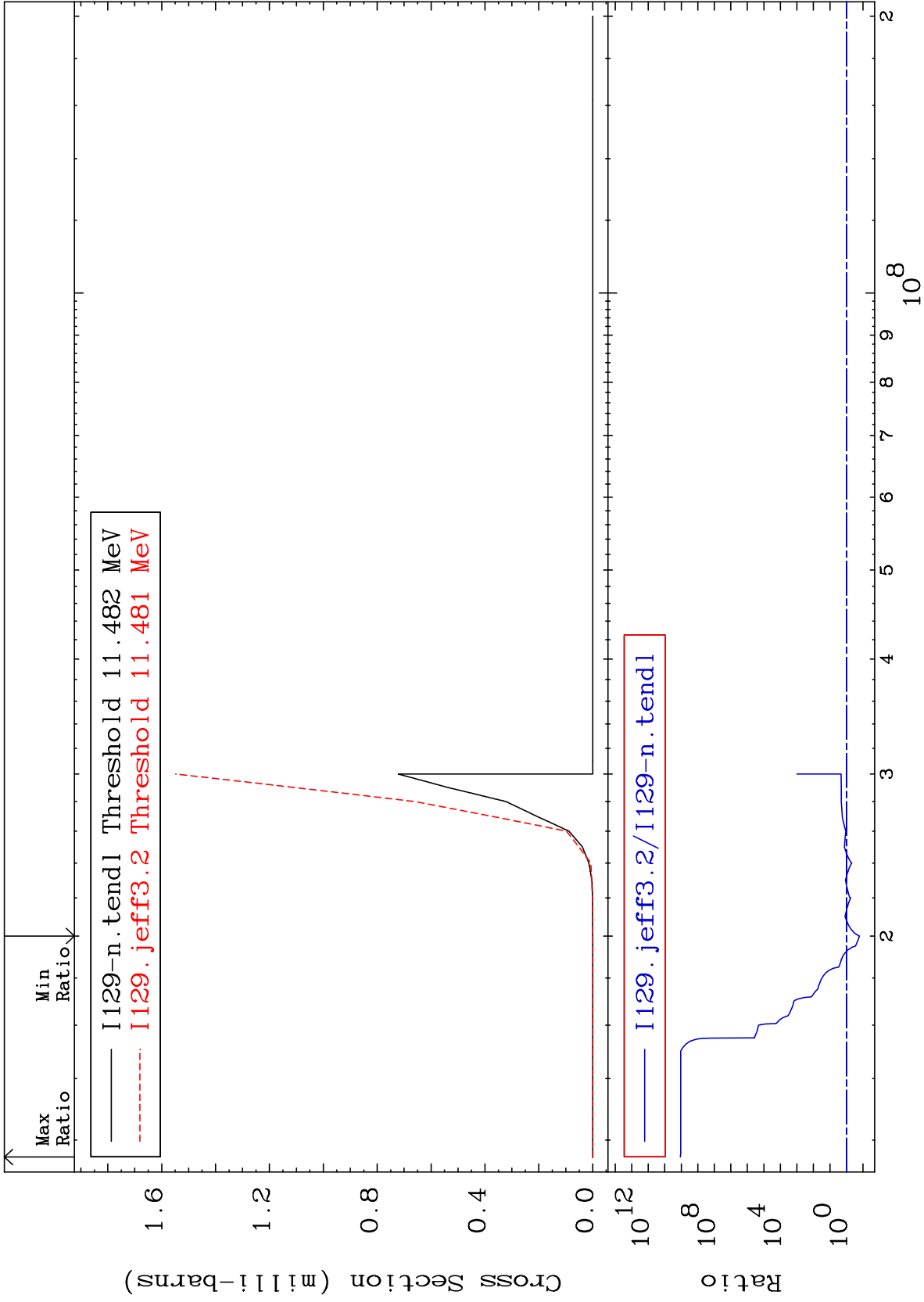


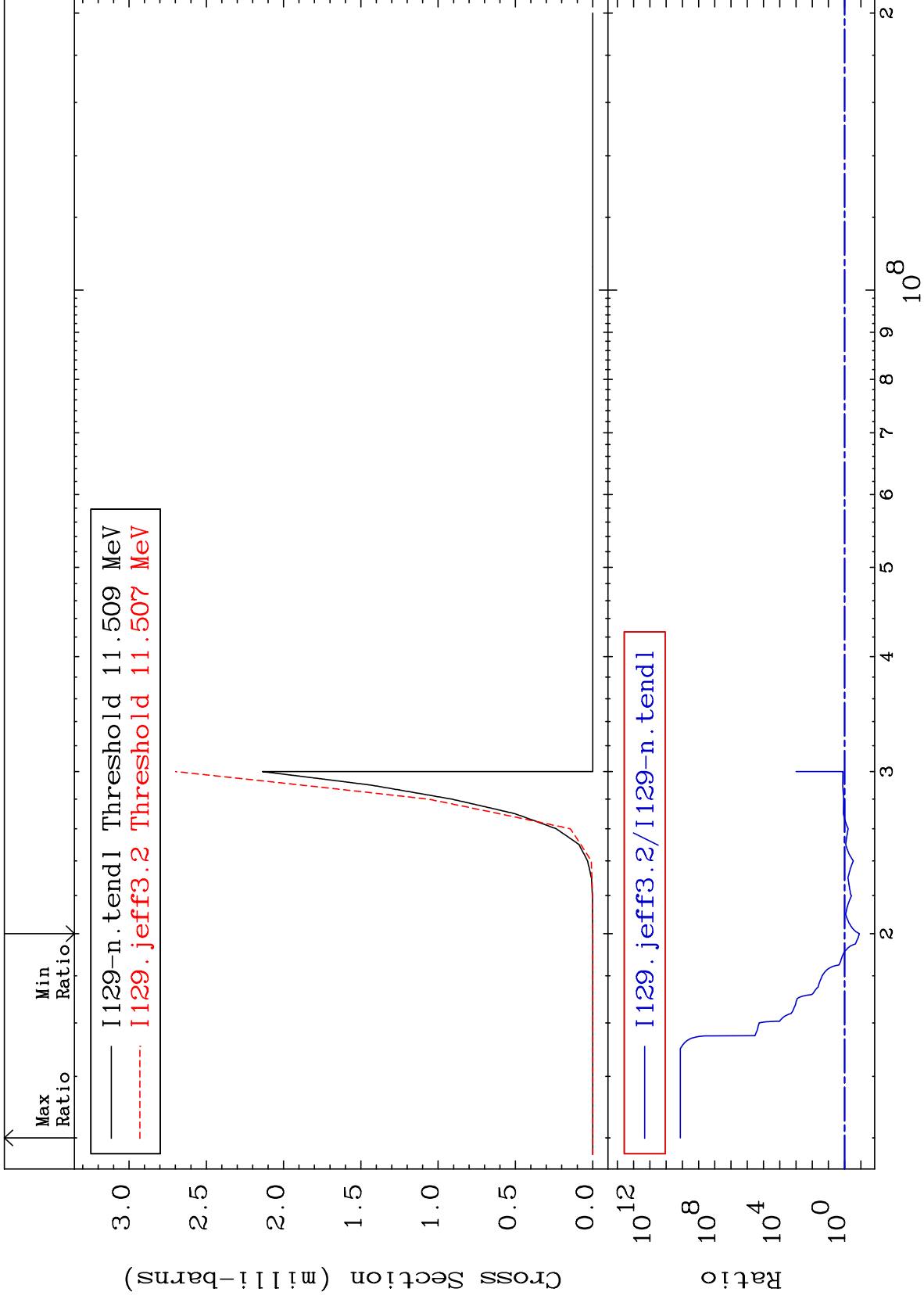
62

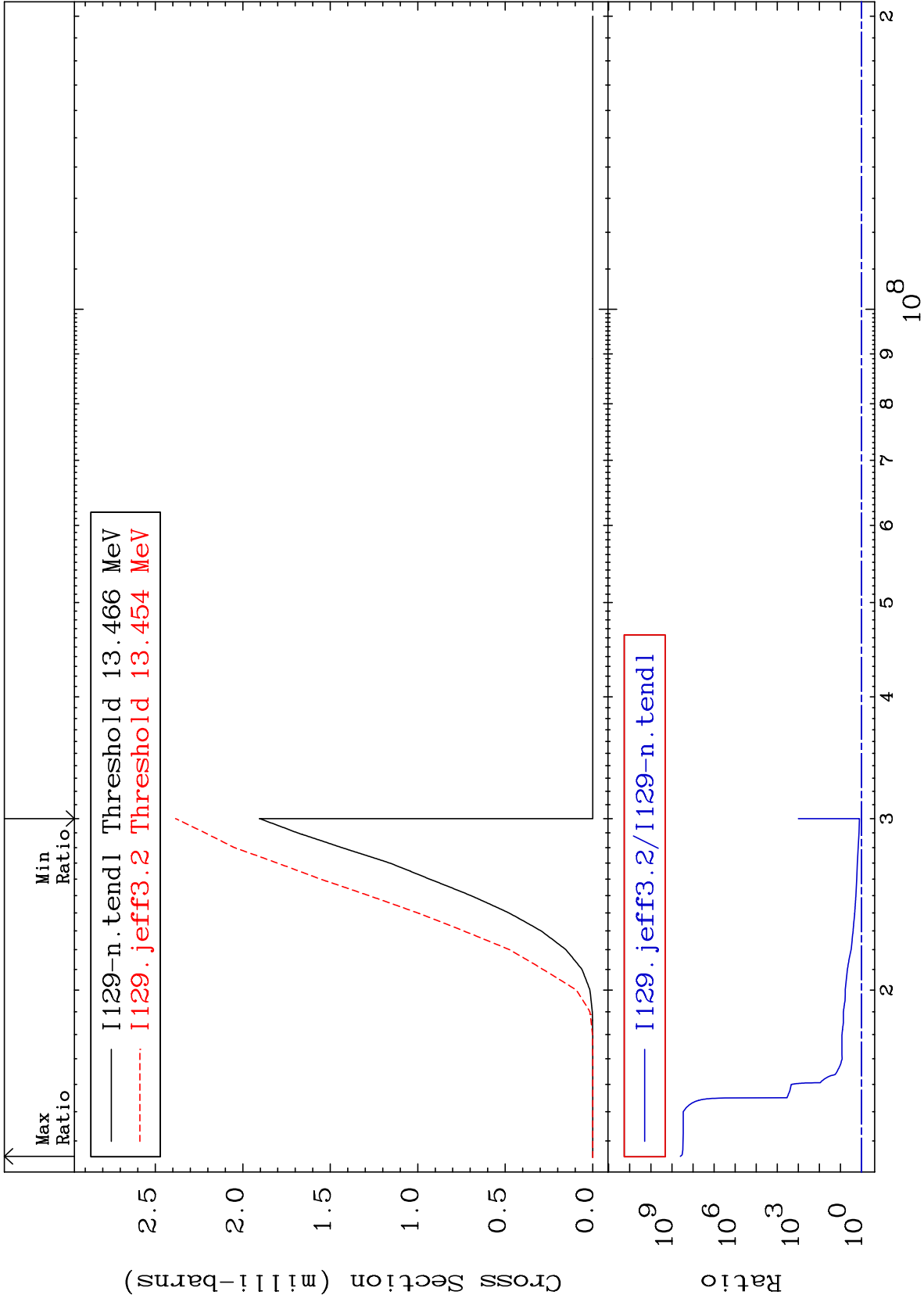
Incident Energy (eV)

53-I -129

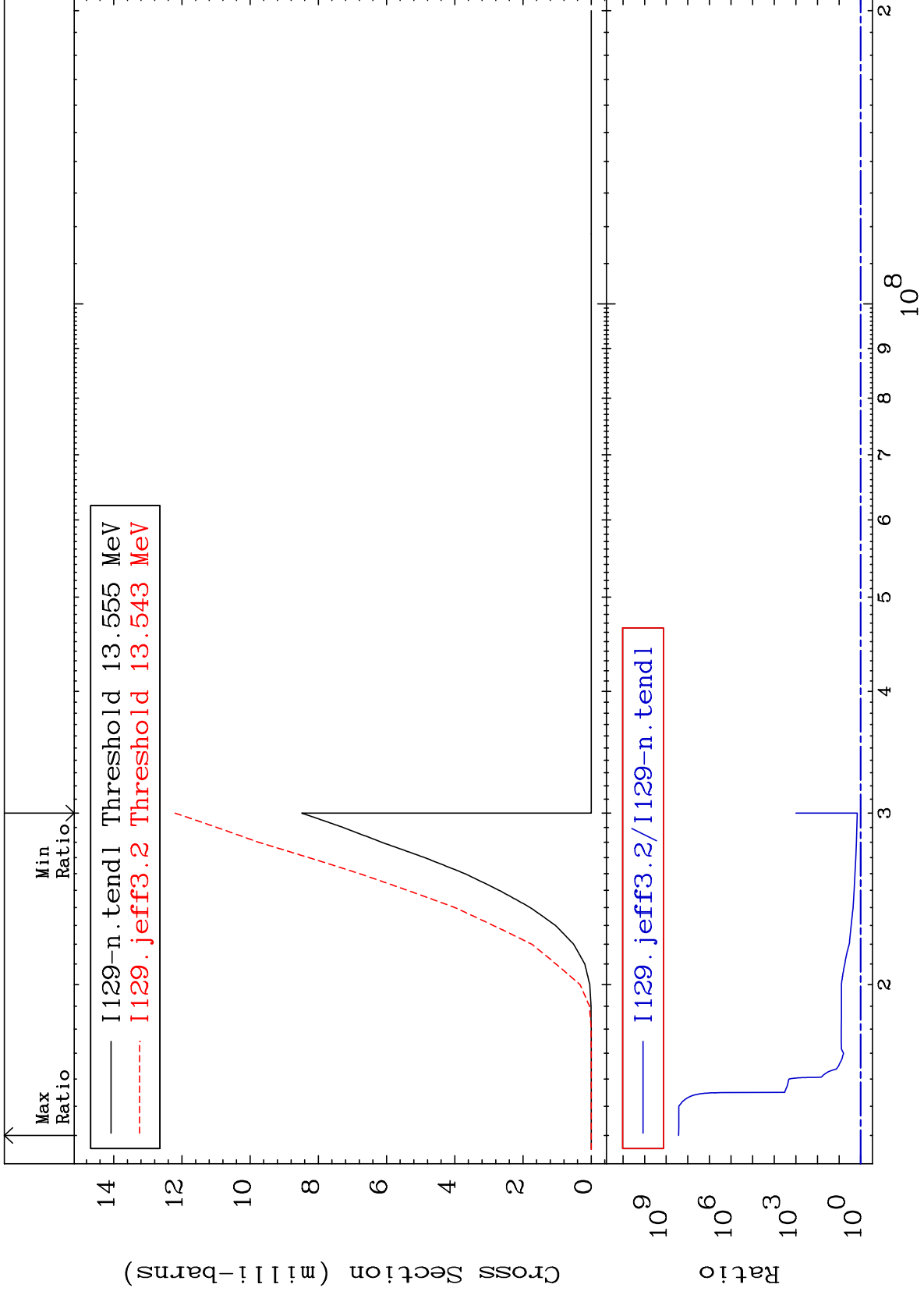


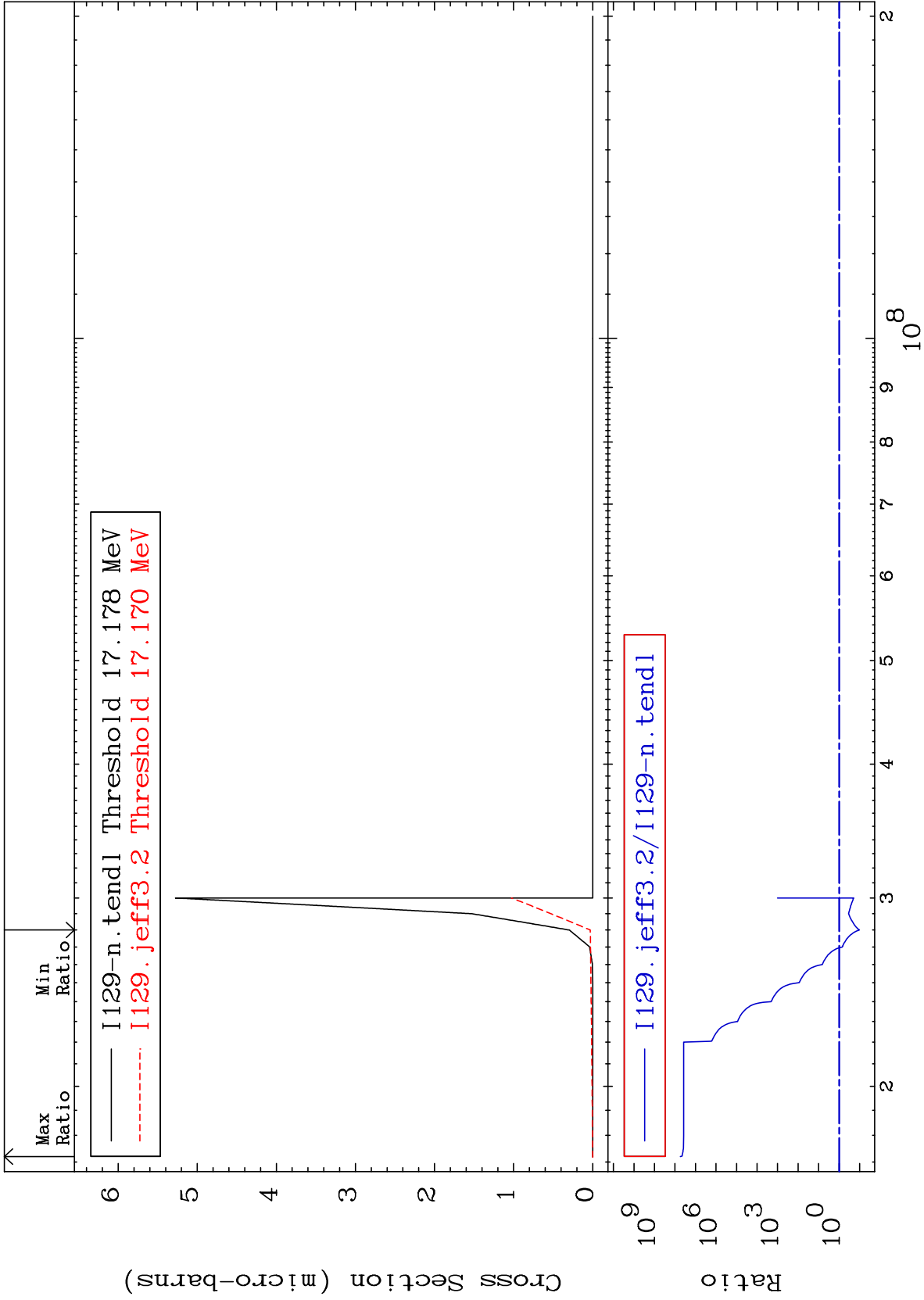


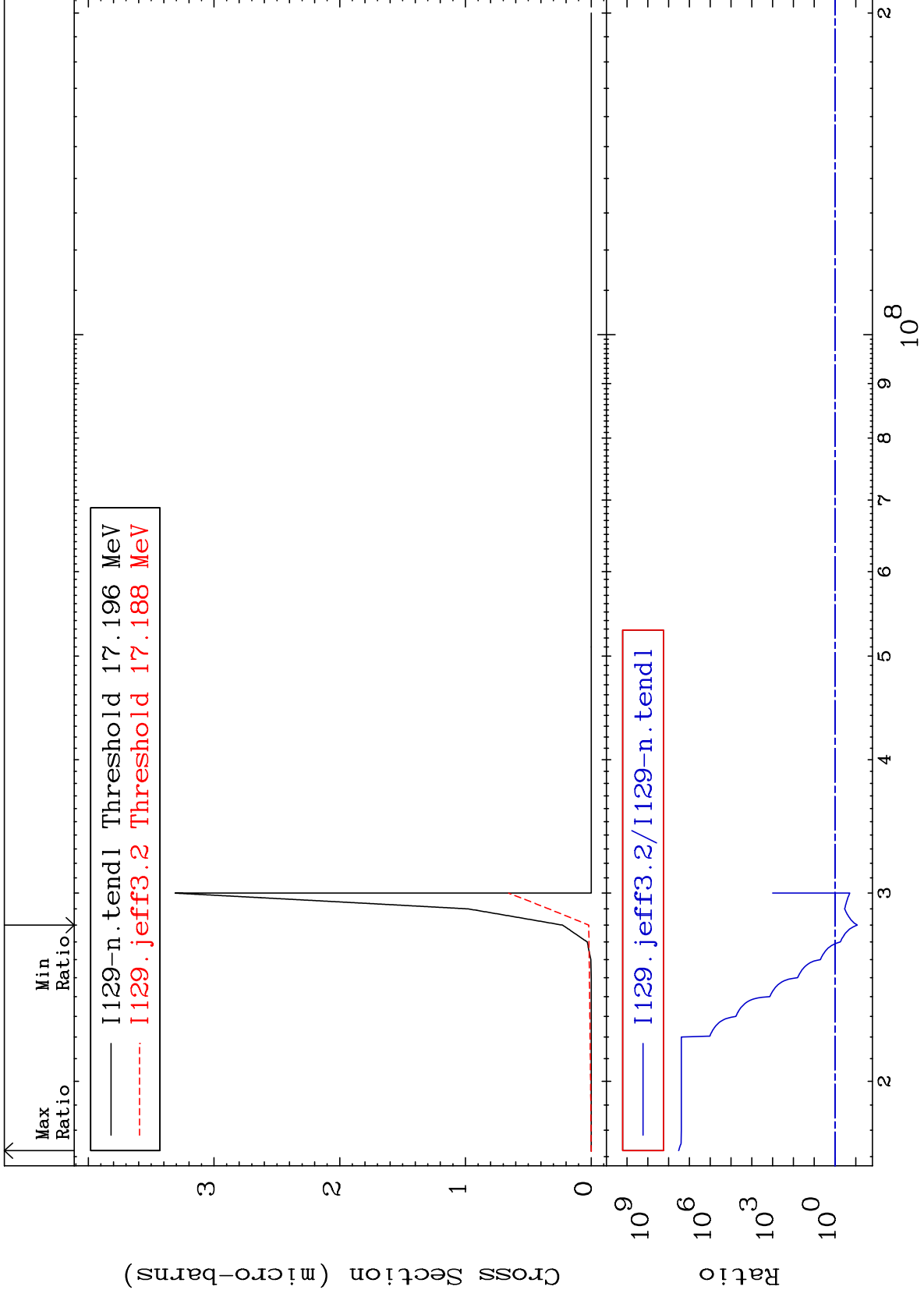


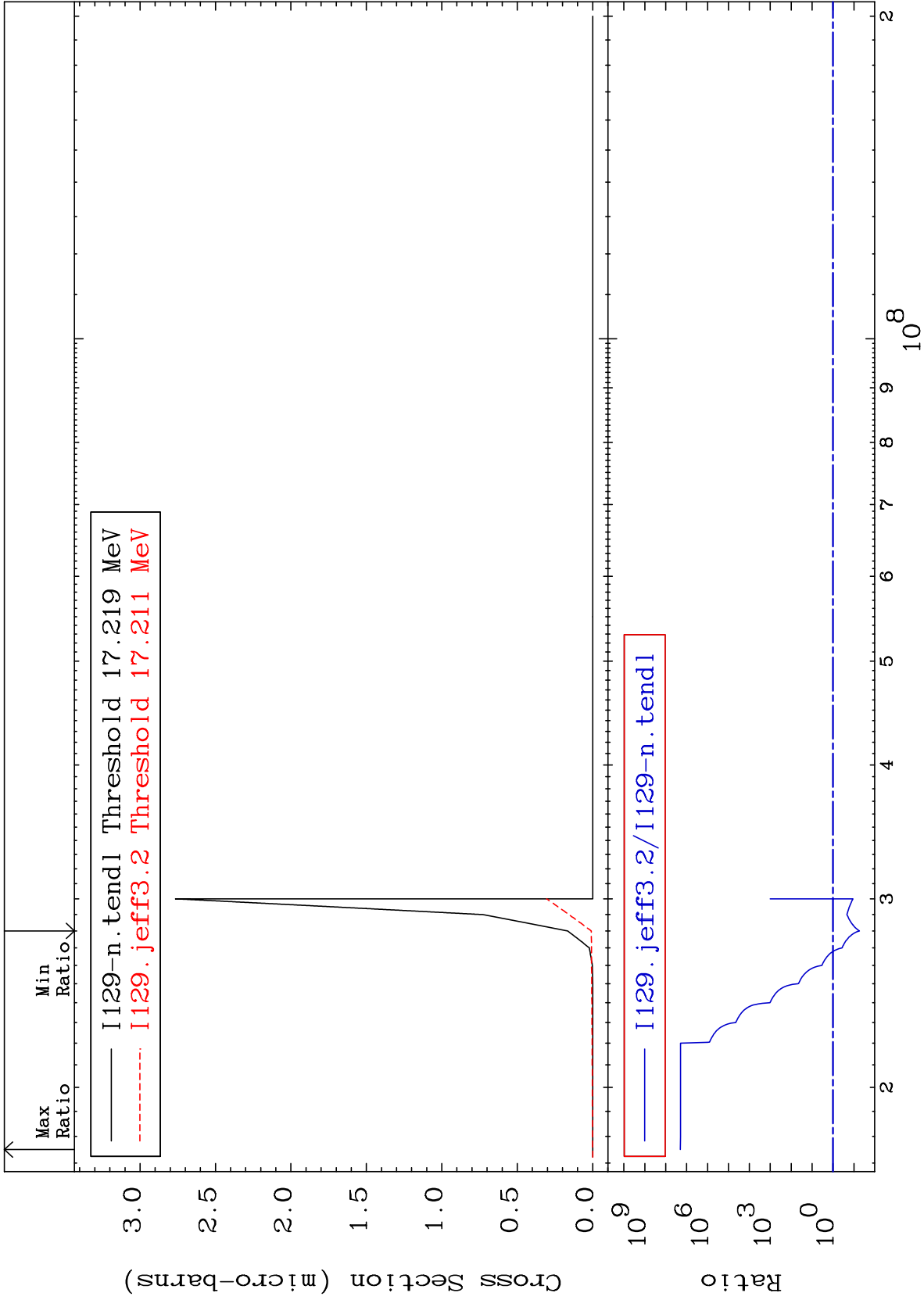


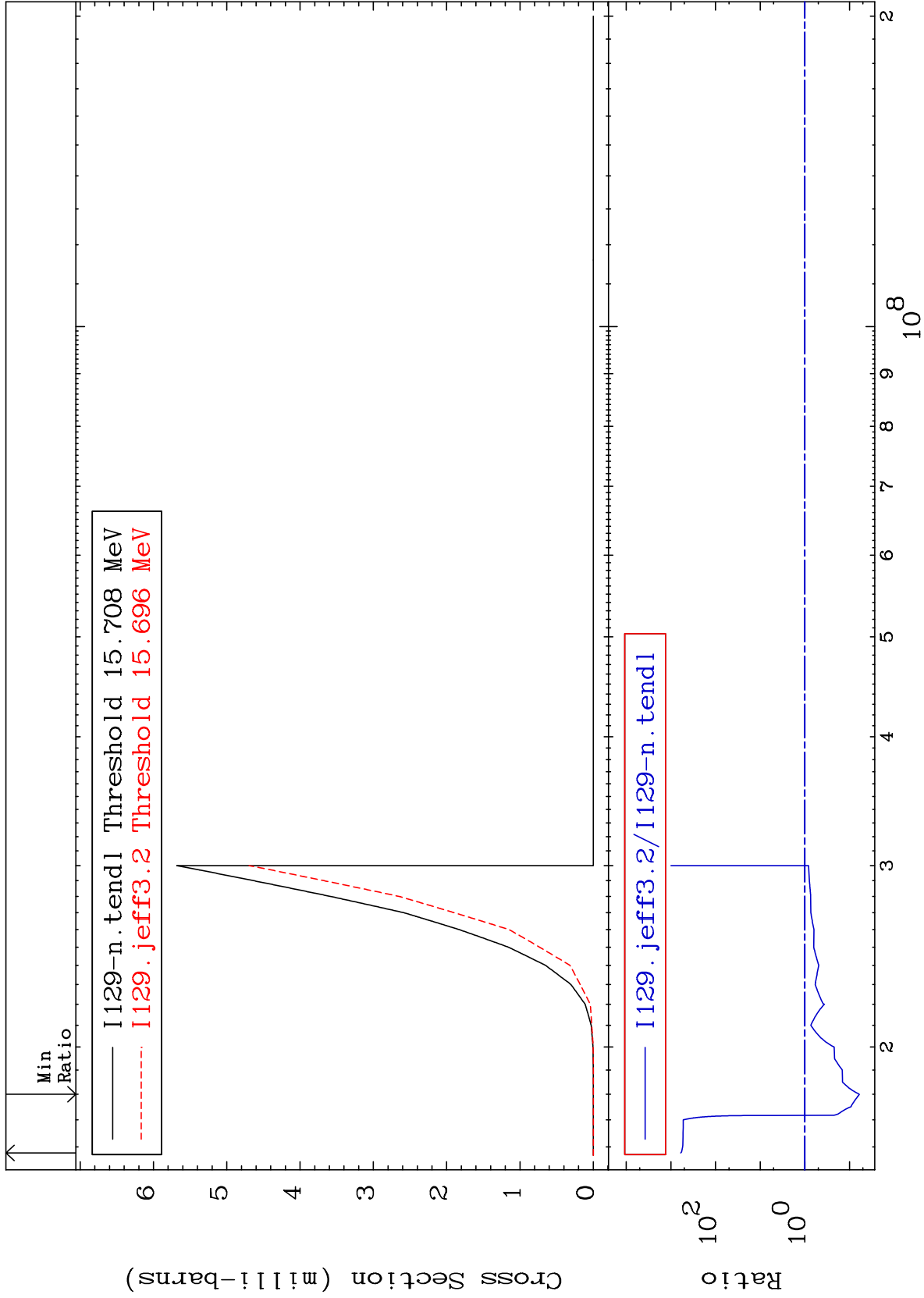
Radionuclide Production Cross Section 43.75 To 9999. %



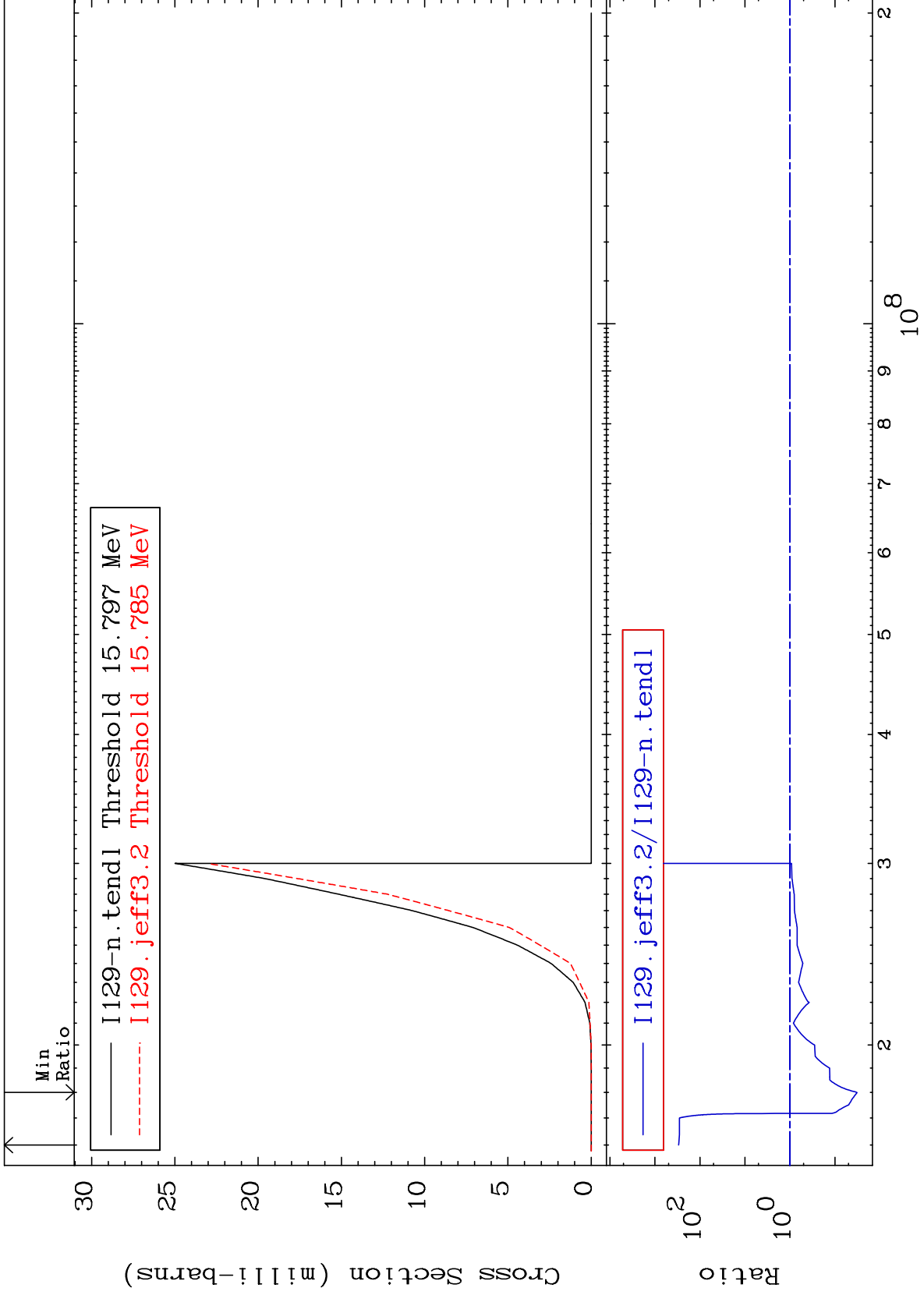


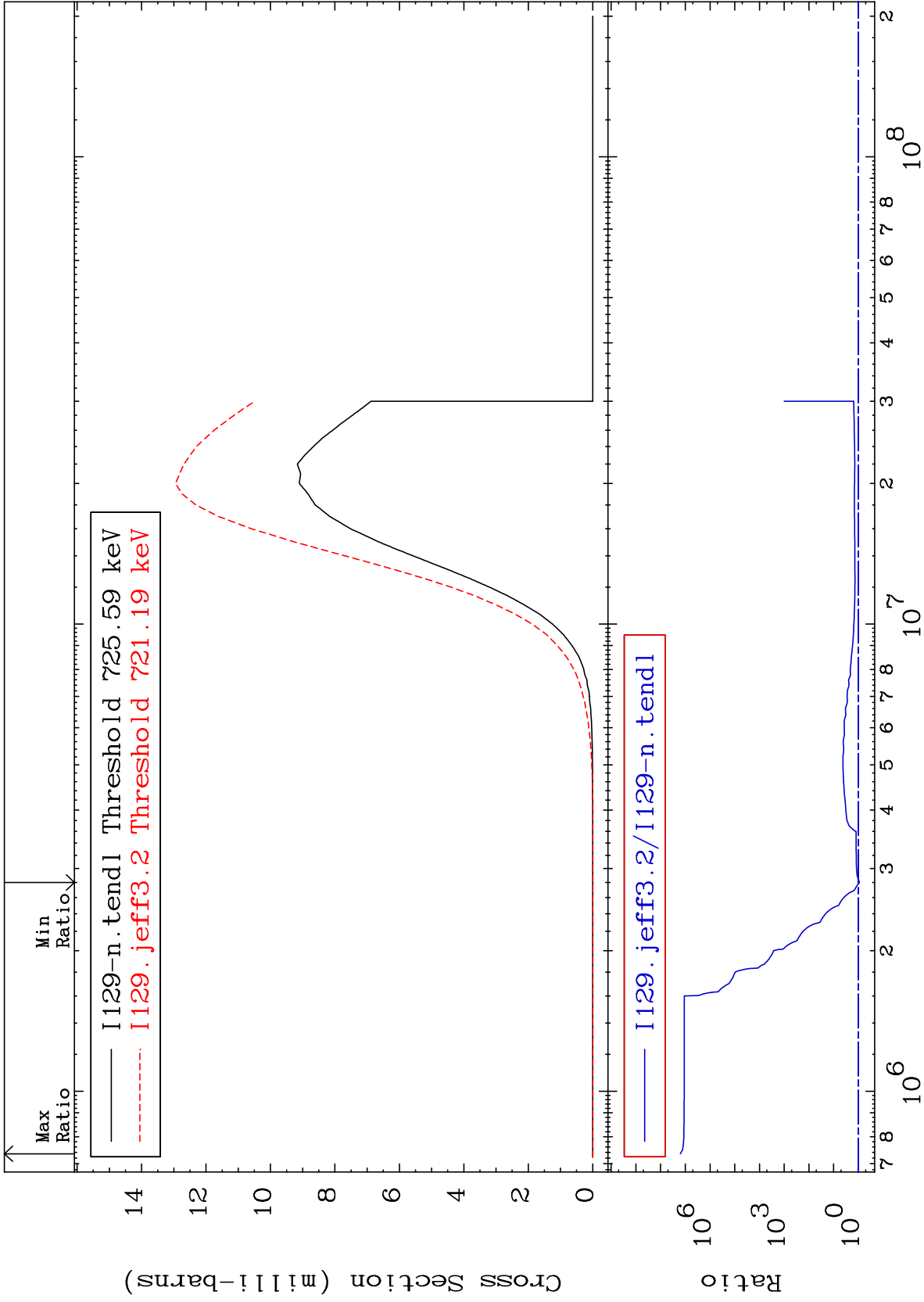






Radionuclide Production Cross Section -96.81 To 9999. %



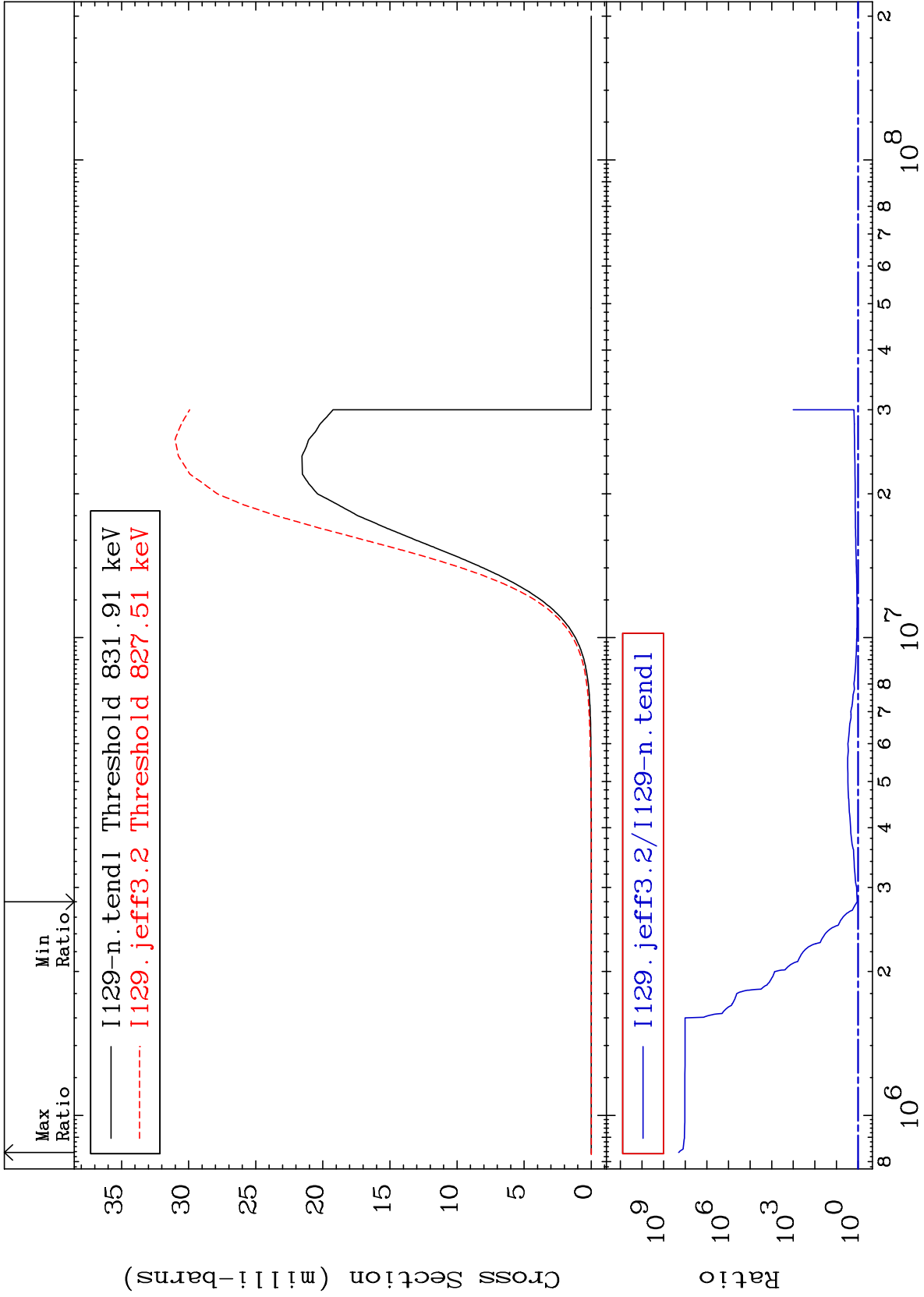


MAT 5331

53-I -129

(n, p) :52-Te-129m1

Radionuclide Production Cross Section 9.689 To 9999. %



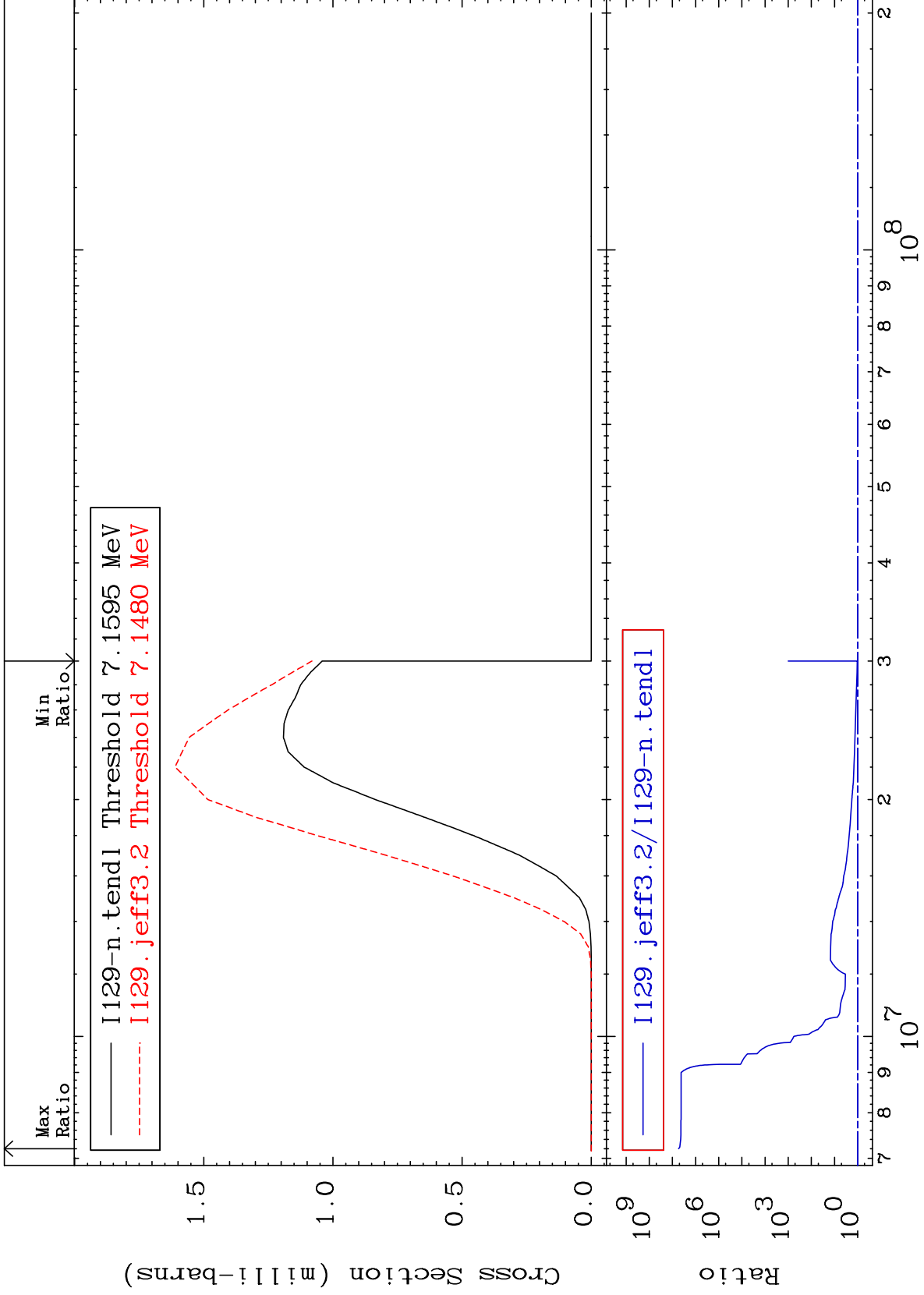
74

Incident Energy (eV)

53-I -129

MAT 5331

(n, t) : 52-Te-127g 53-I -129
Radionuclide Production Cross Section 3.827 To 9999. %



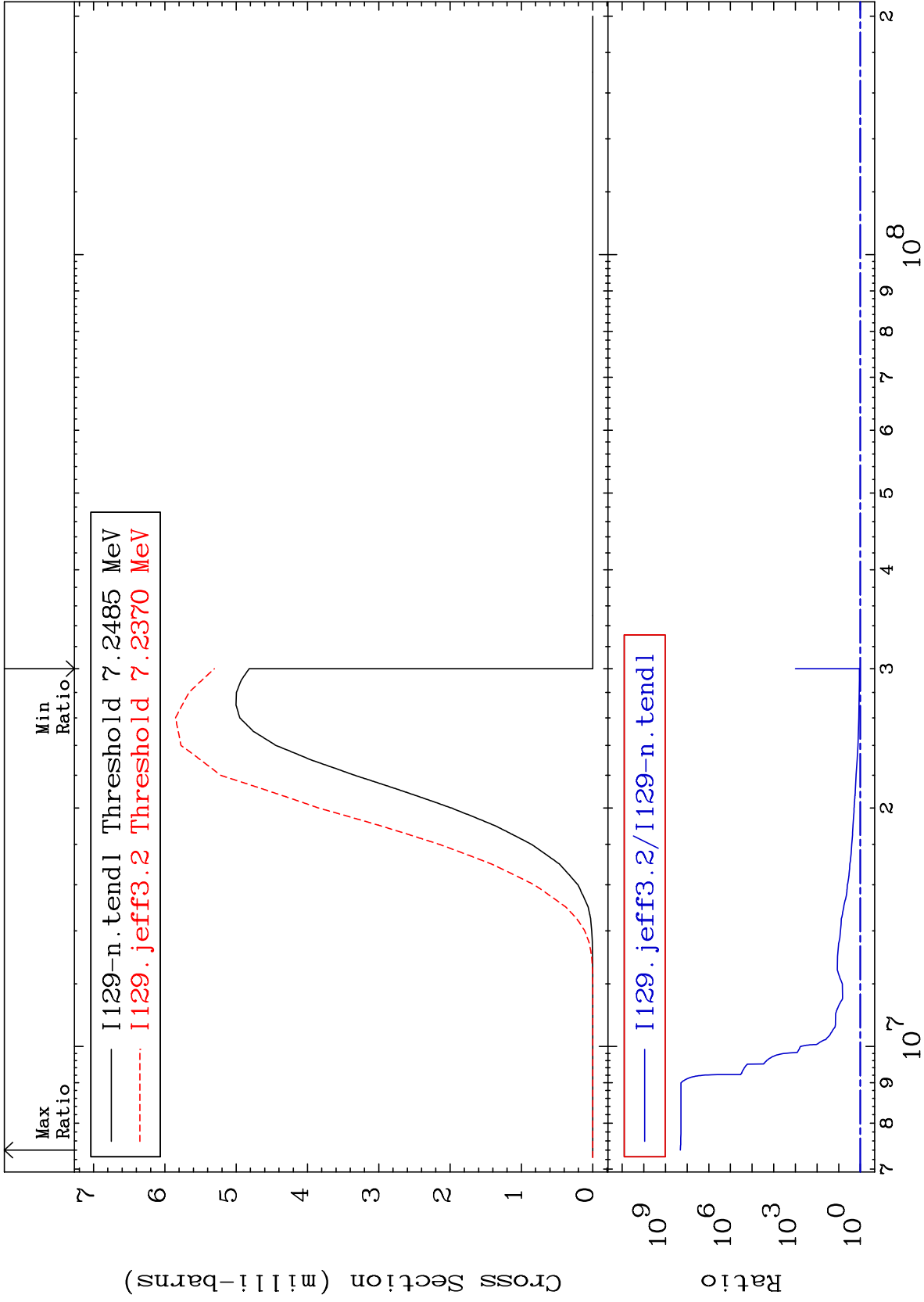
75

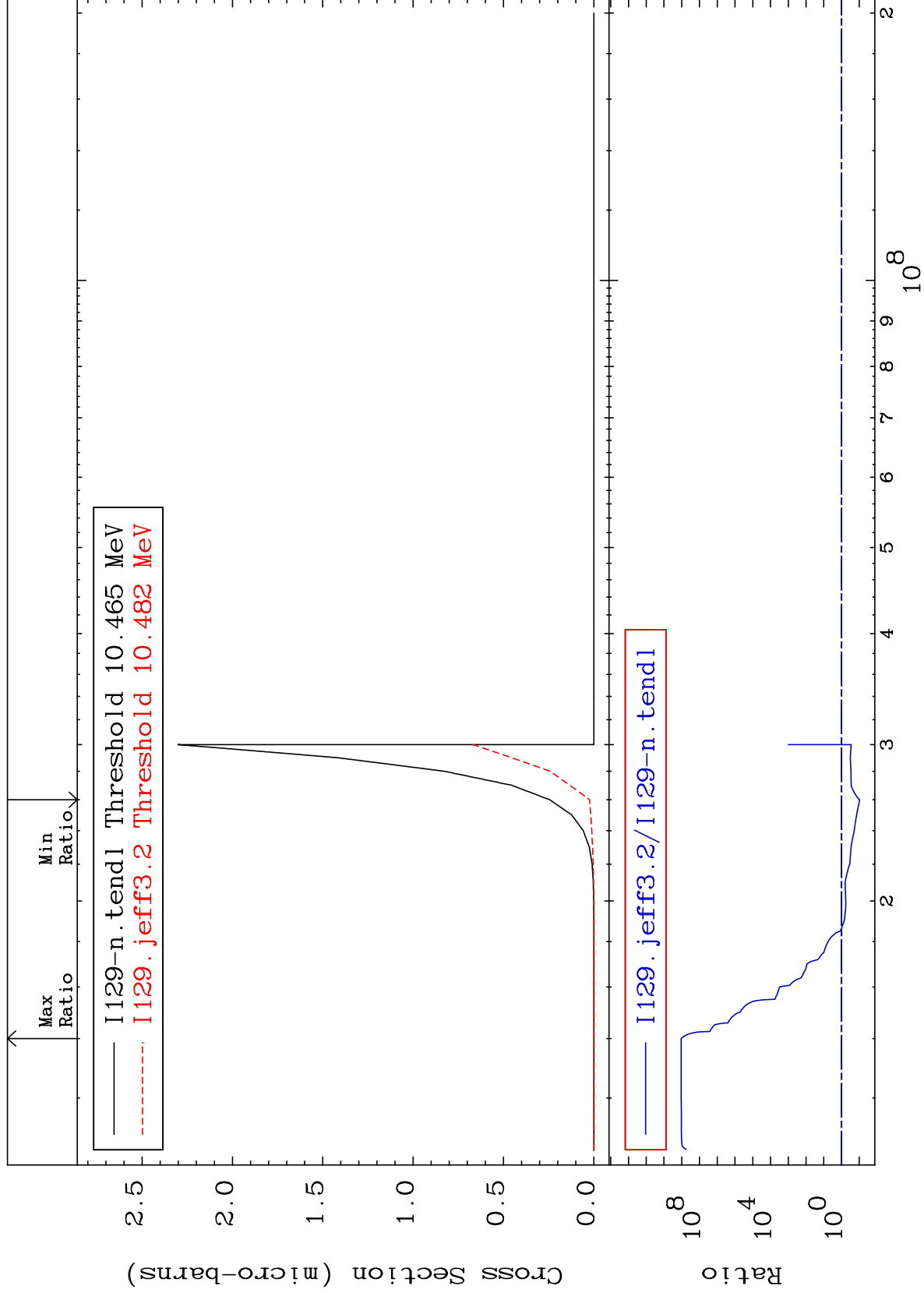
Incident Energy (eV)

53-I -129

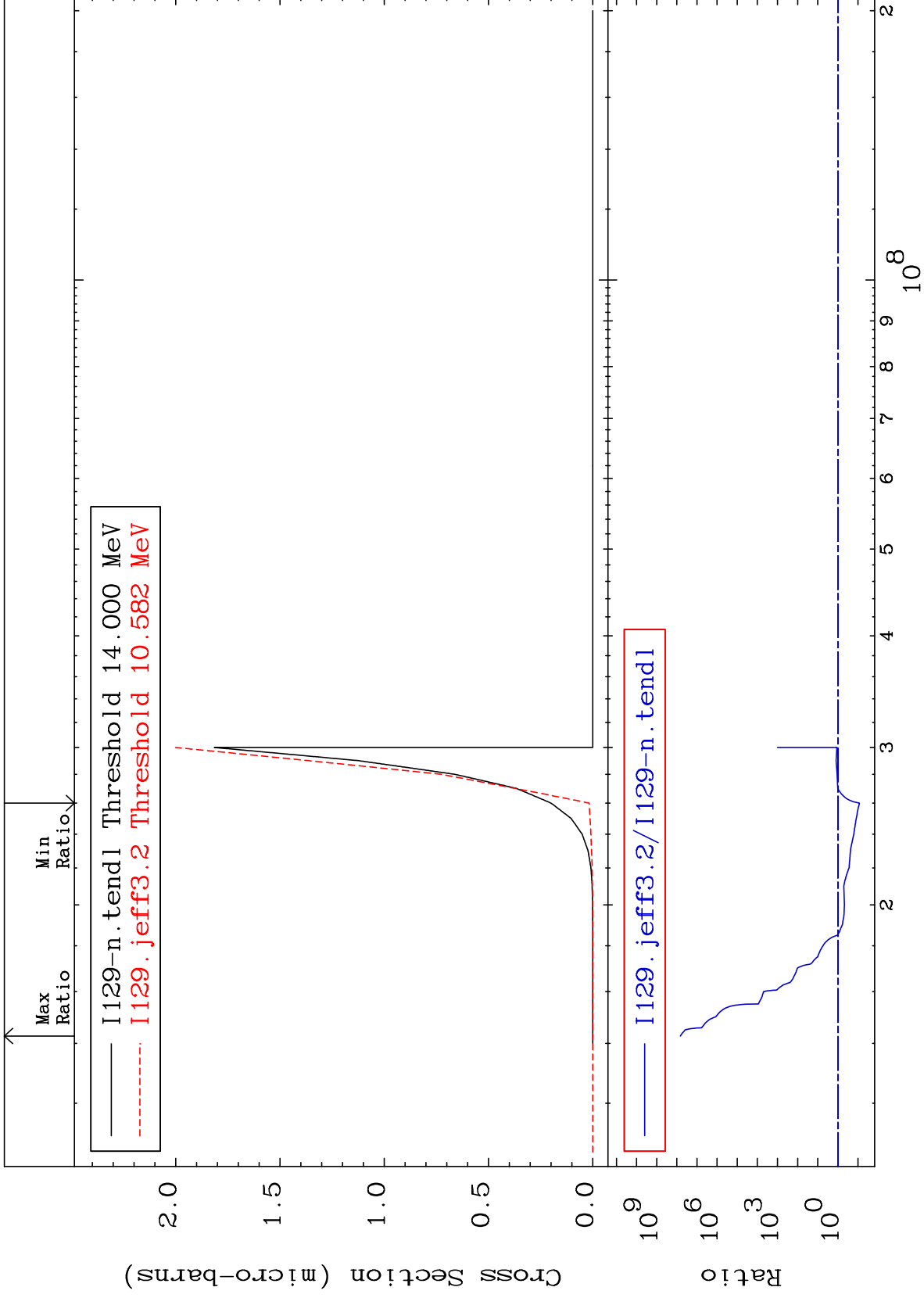
MAT 5331

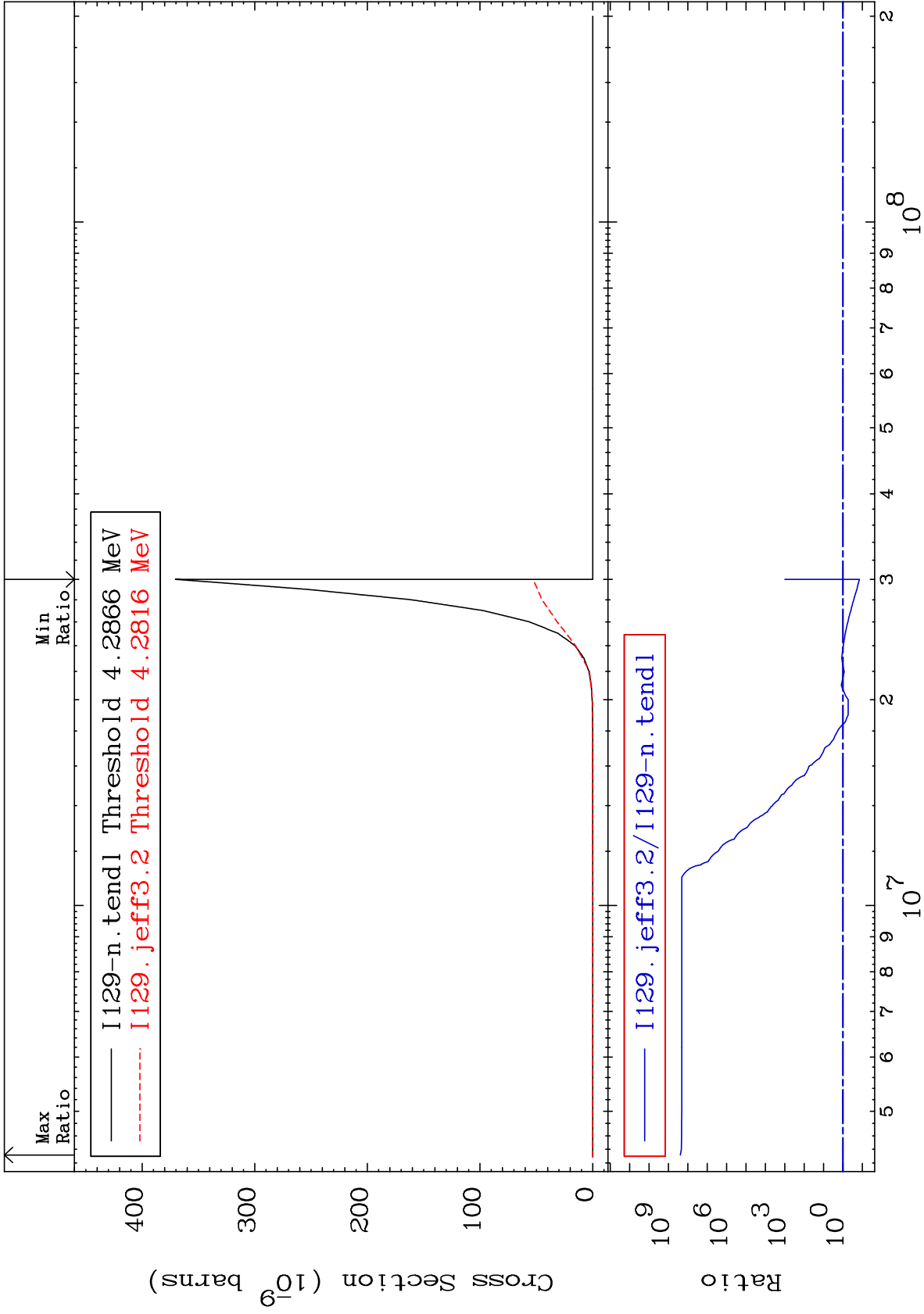
(n, t) : 52-Te-127m2 53-I -129
Radionuclide Production Cross Section 10.12 To 9999. %



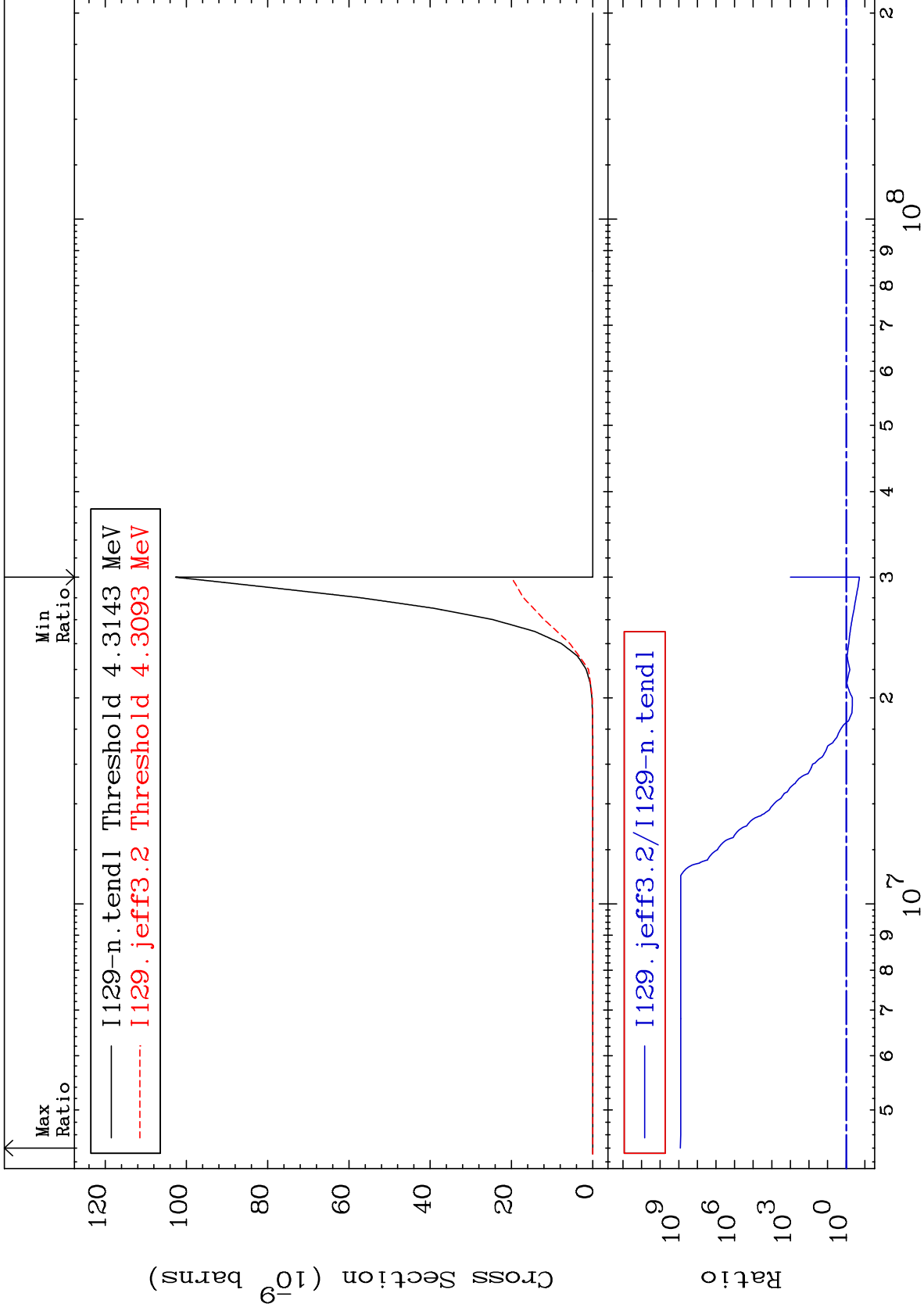


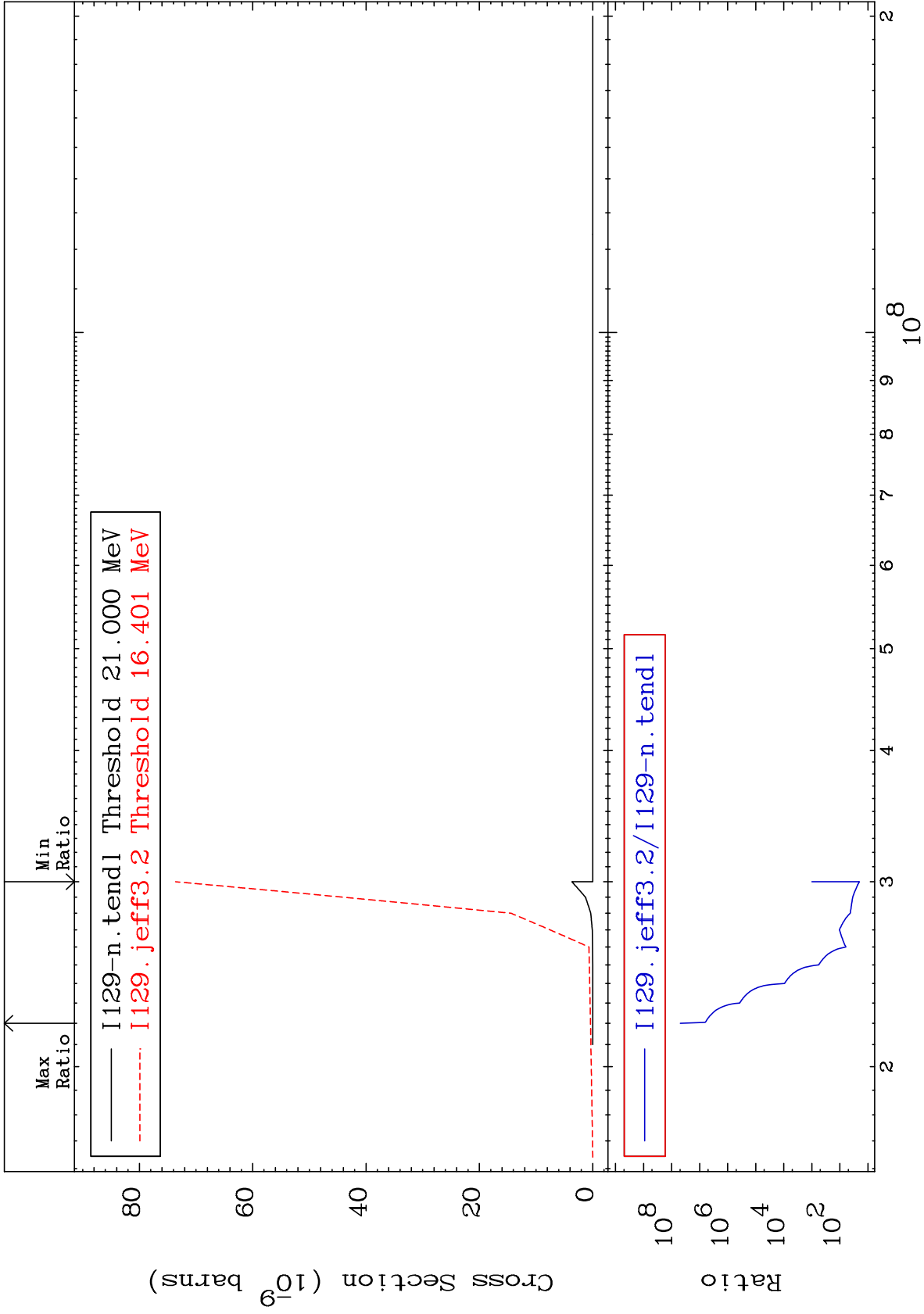
Radionuclide Production Cross Section -91.53 To 9999. %



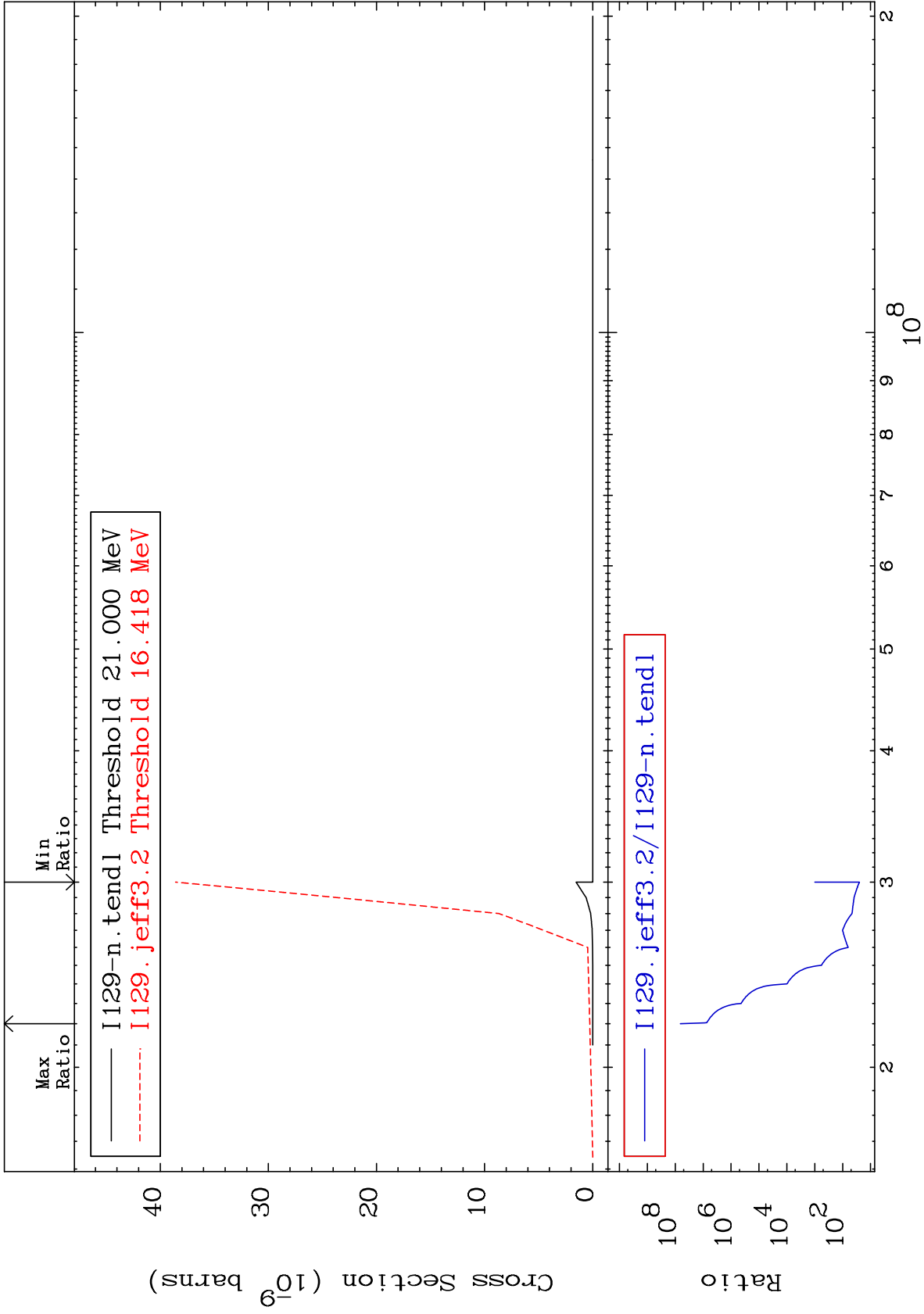


Radionuclide Production Cross Section -80.50 To 9999. %





Radionuclide Production Cross Section 2408. To 9999. %



Radionuclide Production Cross Section 809.3 To 9999. %

