

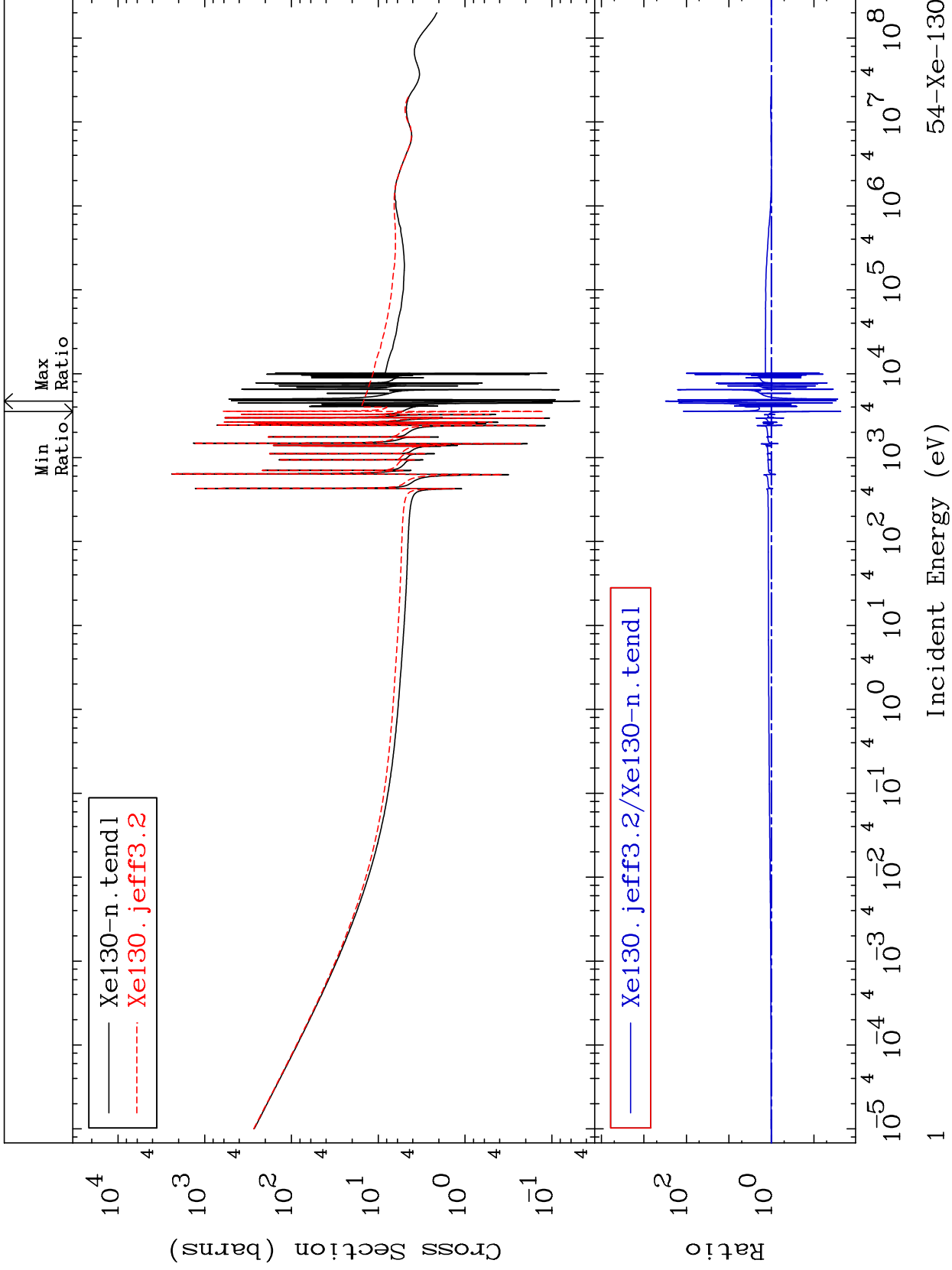
MAT 5443

Total

54-Xe-130

Cross Section

-97.66 To 9999. %



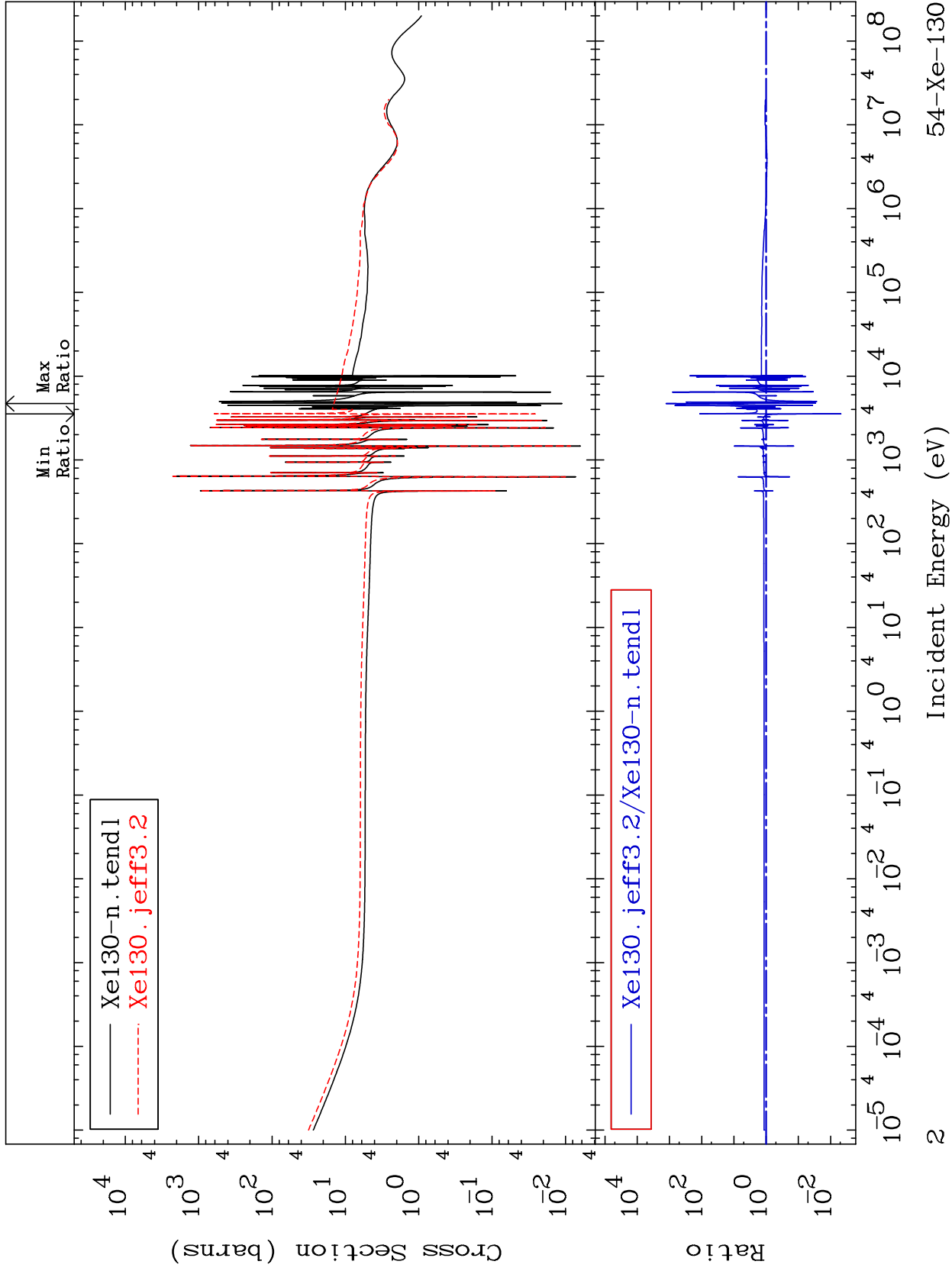
Incident Energy (eV)

54-Xe-130

MAT 5443

Elastic
Cross Section

54-Xe-130
-99.52 To 9999. %



54-Xe-130

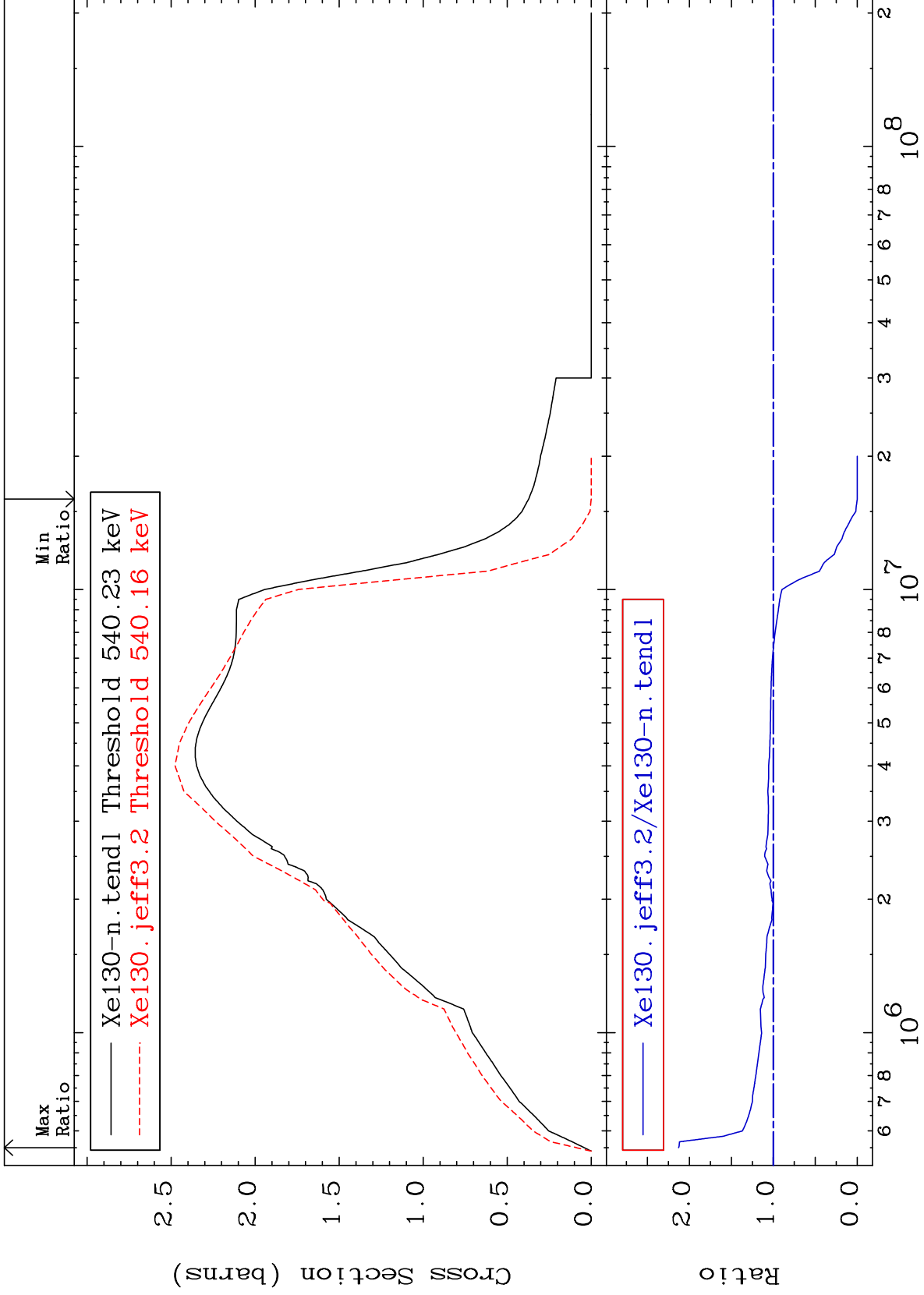
Incident Energy (eV)

2

MAT 5443

Inelastic
Cross Section

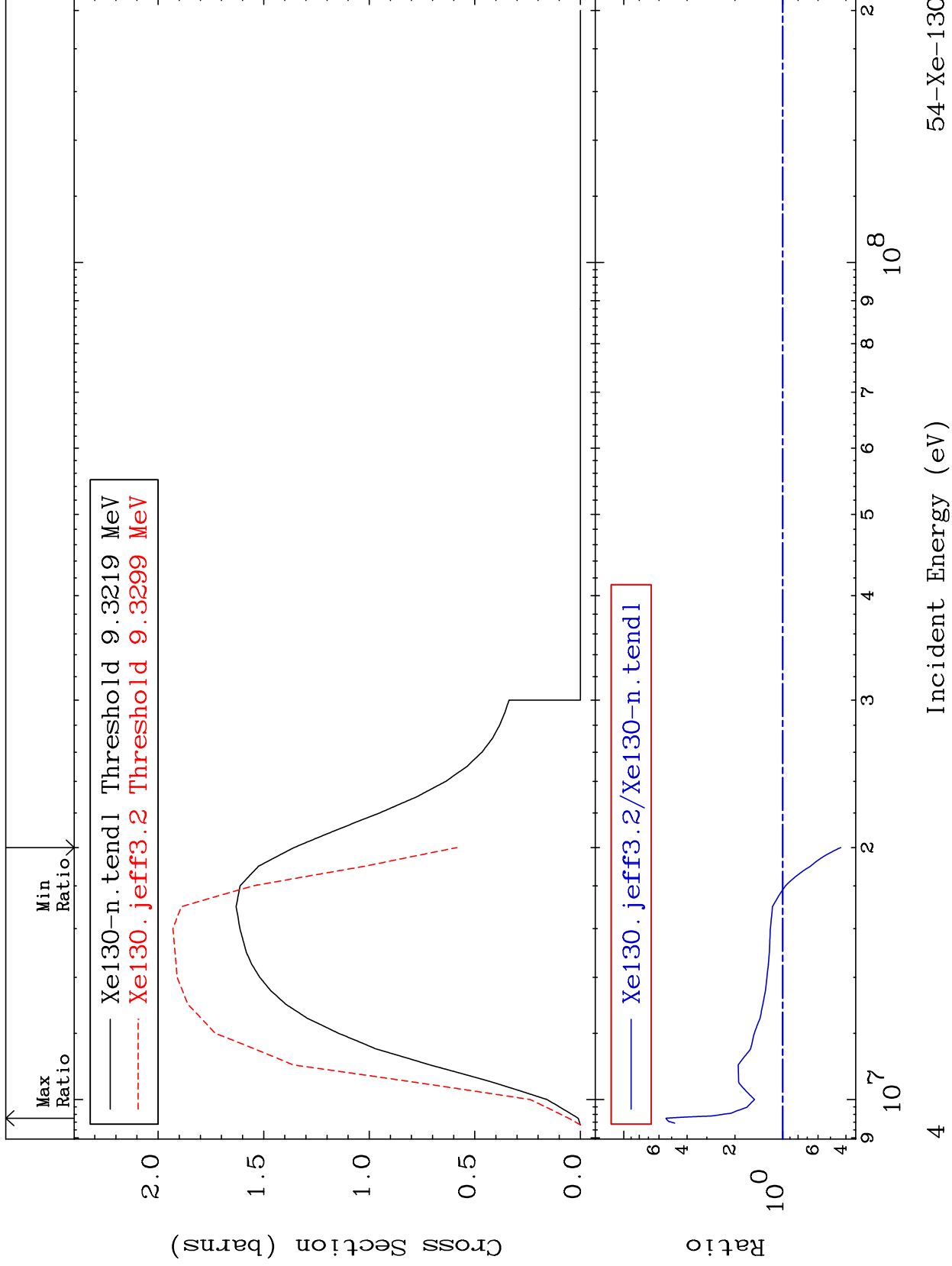
54-Xe-130
-100.0 To 112.8 %



MAT 5443

(n,2n)
Cross Section

54-Xe-130
-56.93 To 442.8 %

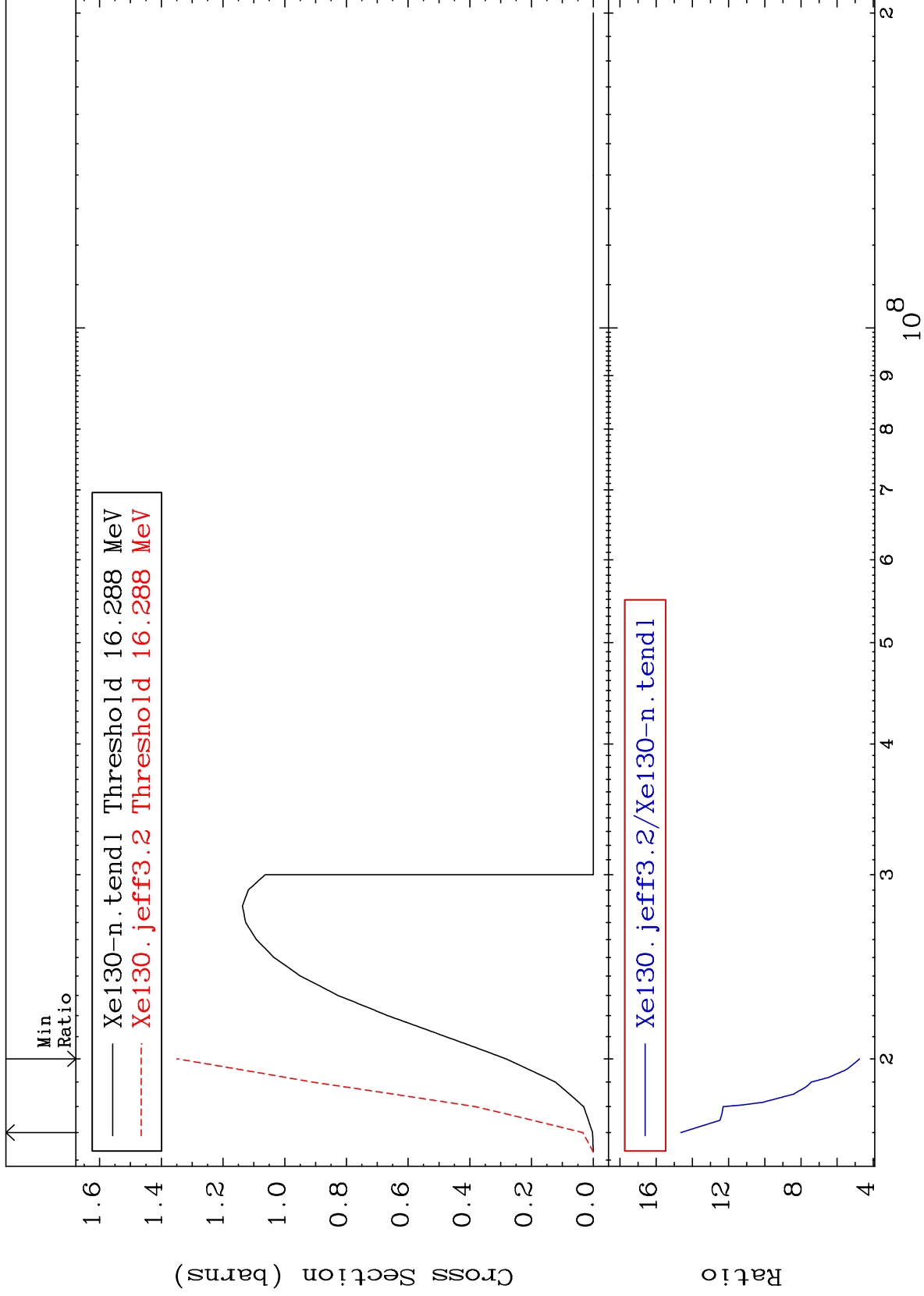


54-Xe-130

MAT 5443

(n,3n)
Cross Section

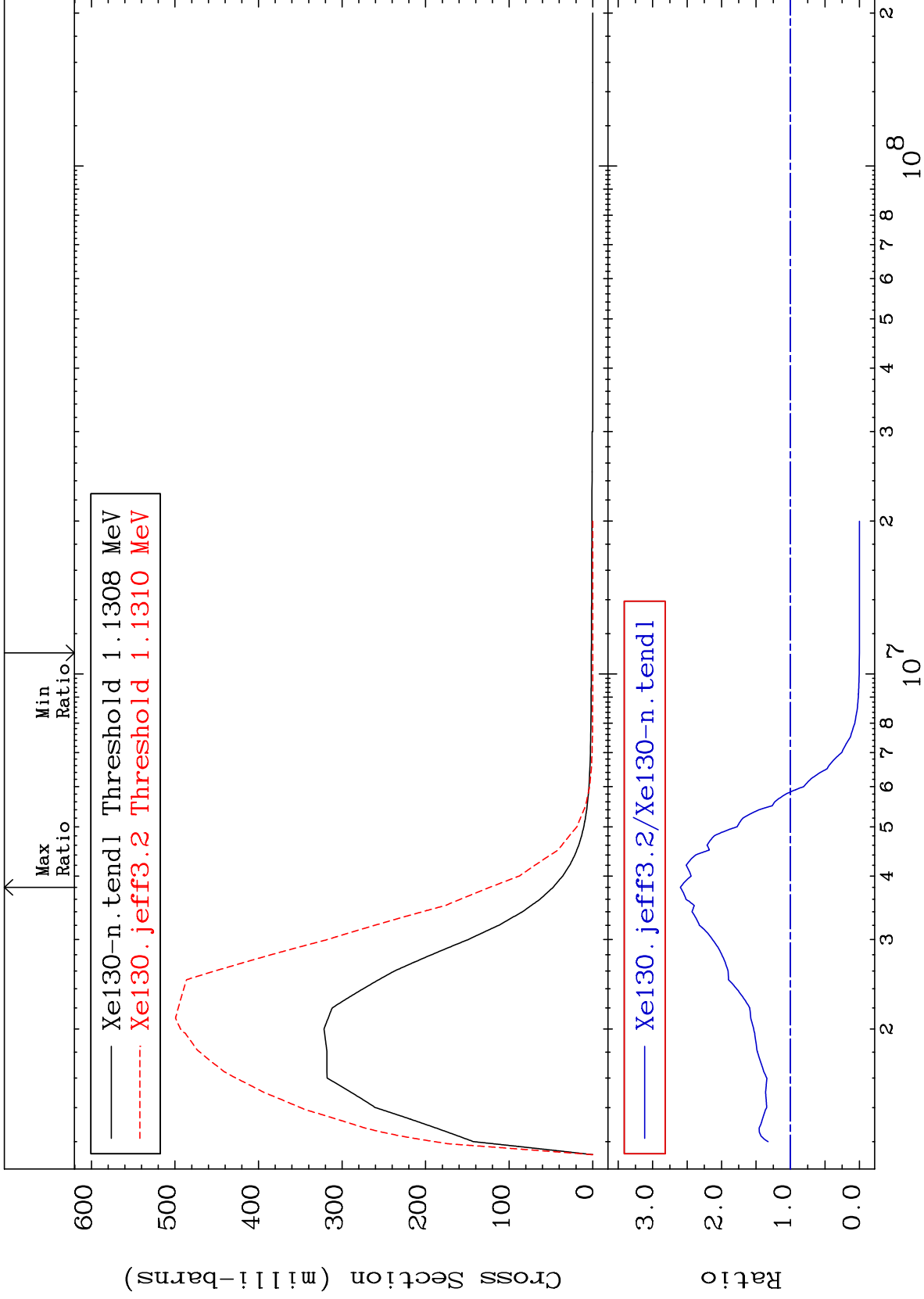
54-Xe-130
376.4 To 1364. %



MAT 5443

1.122 MeV (n,n') Level
Cross Section

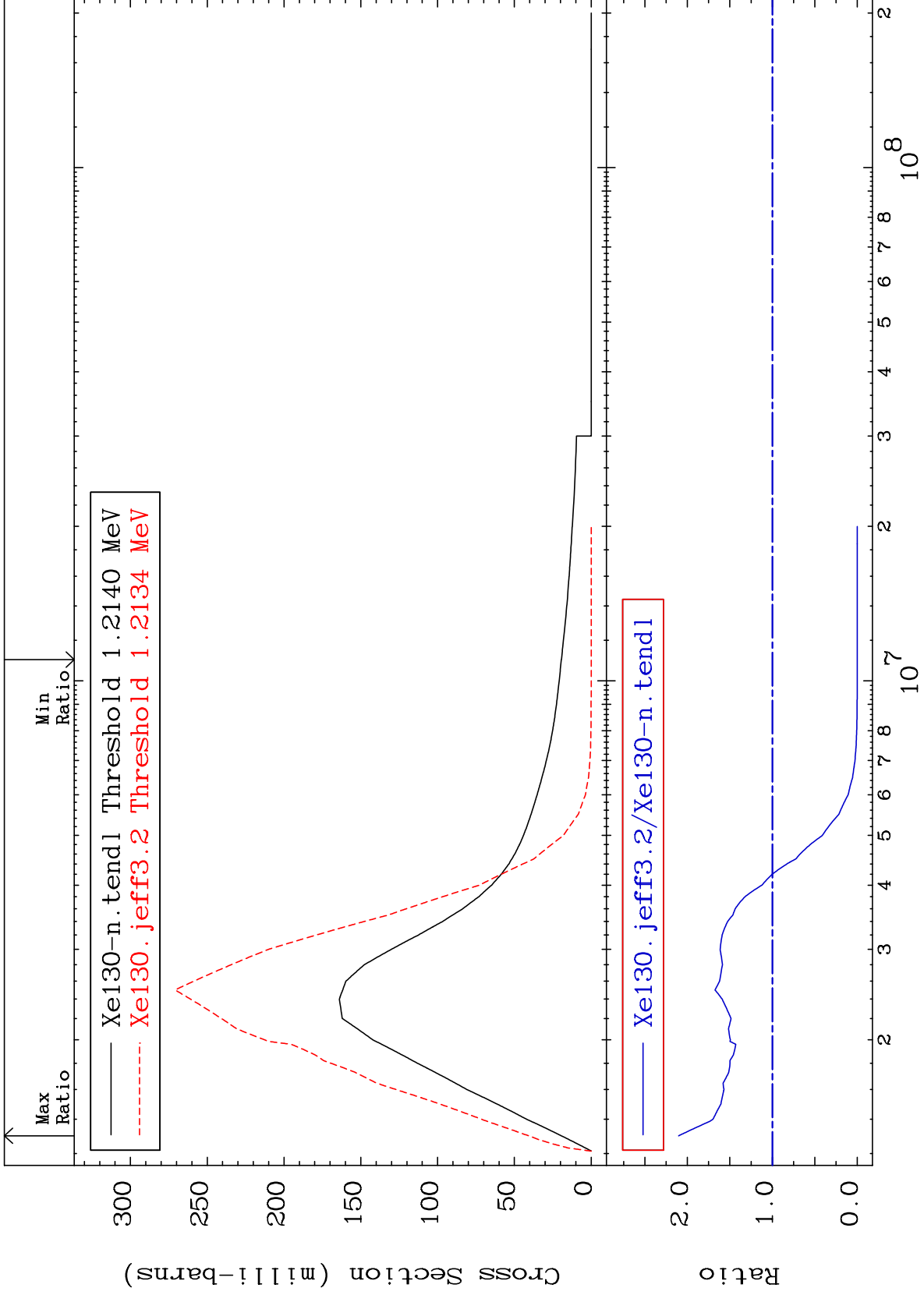
54-Xe-130
-100.0 To 159.8 %



MAT 5443

1.205 MeV (n,n') Level
Cross Section

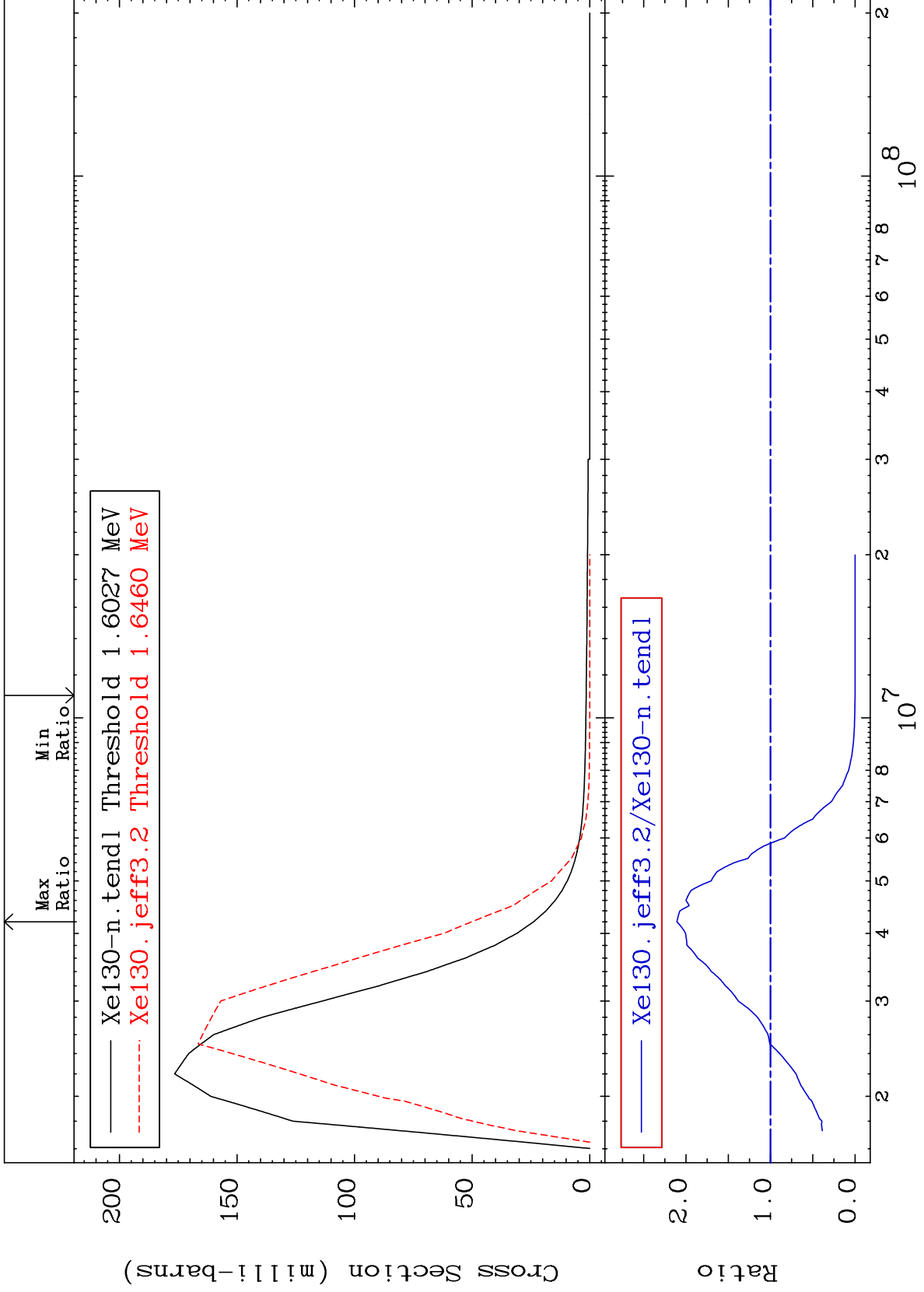
54-Xe-130
-100.0 To 110.3 %



MAT 5443

1.590 MeV (n,n') Level
Cross Section

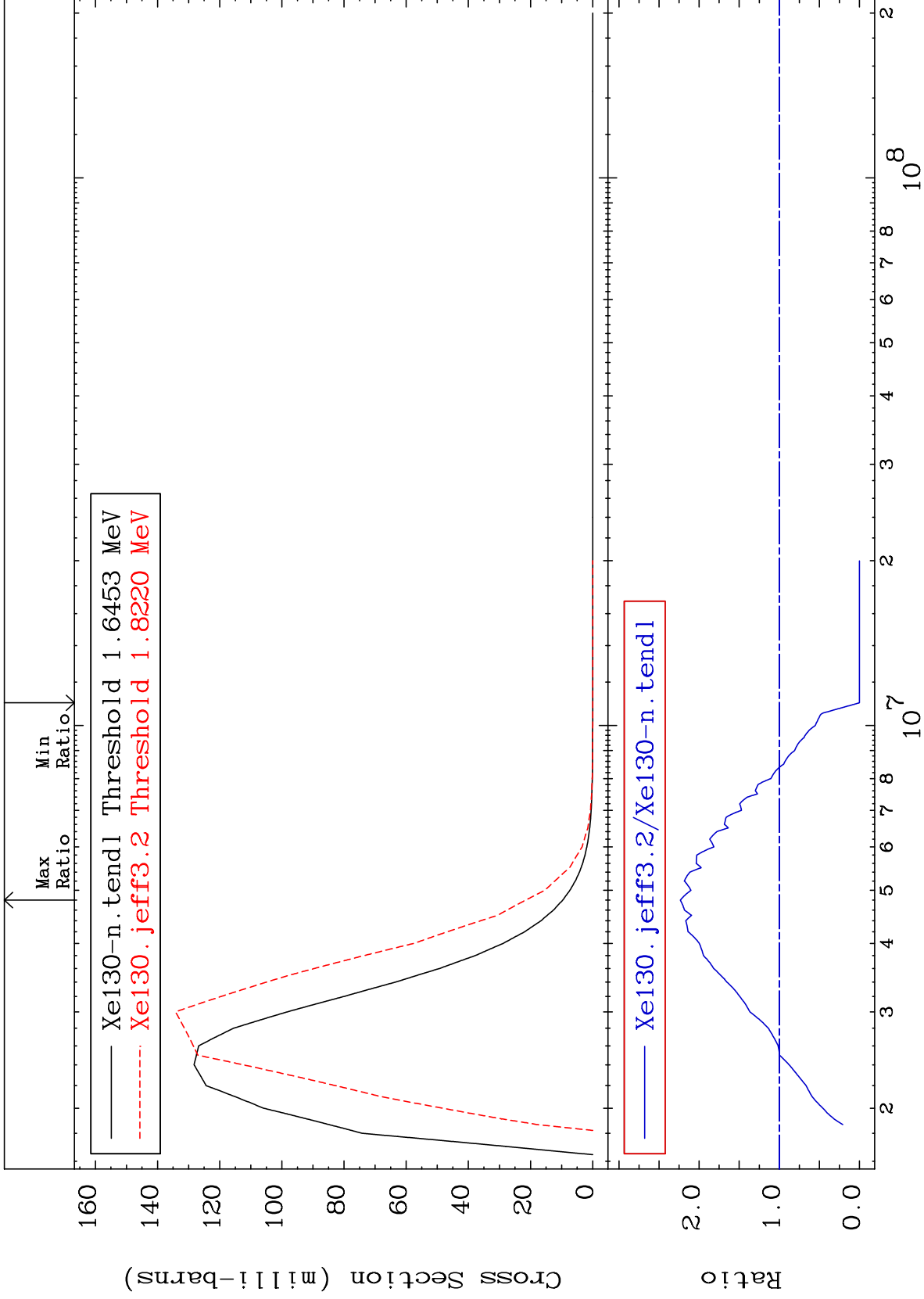
54-Xe-130
-100.0 To 110.7 %



MAT 5443

1.633 MeV (n,n') Level
Cross Section

54-Xe-130
-100.0 To 123.4 %



10

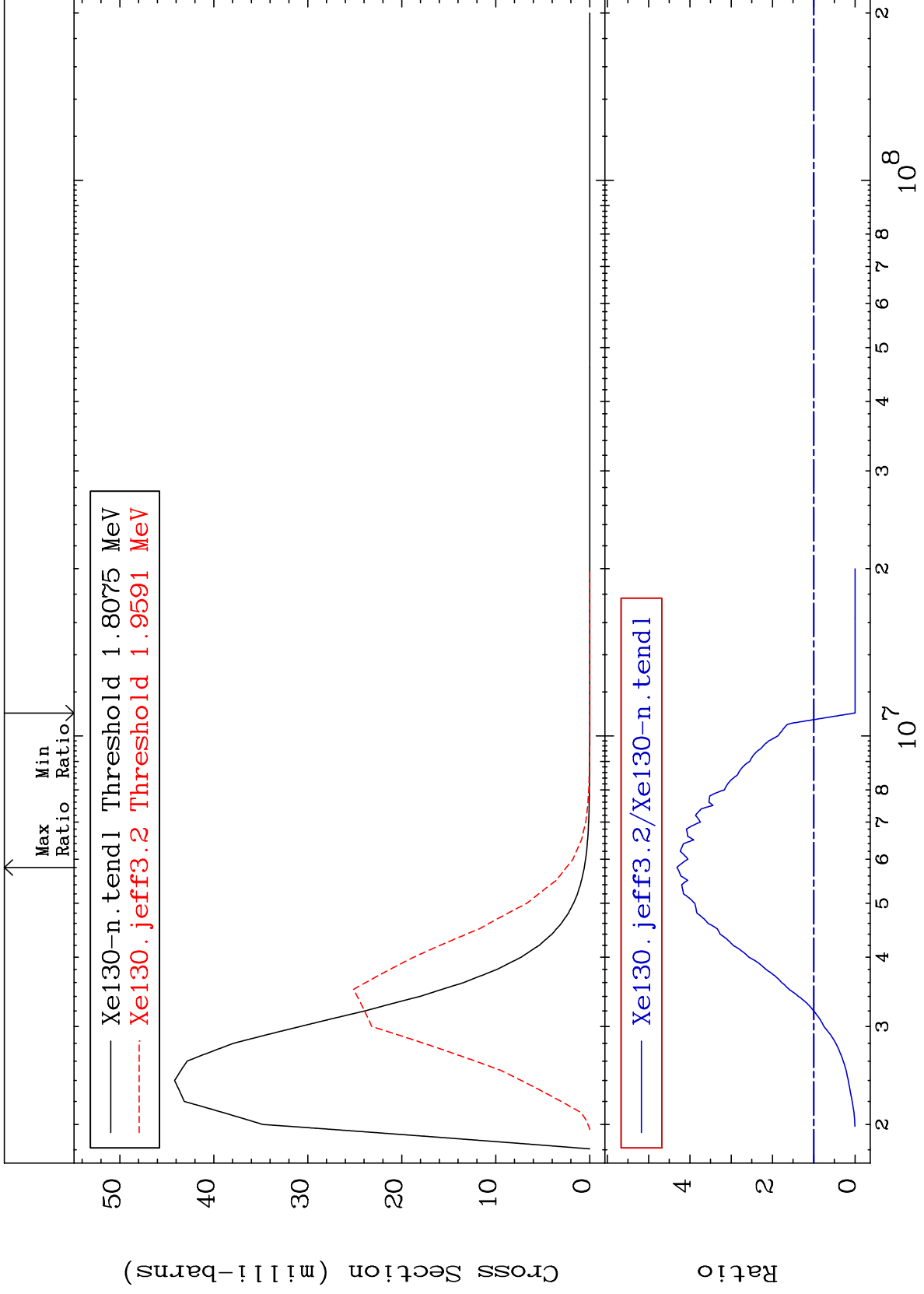
Incident Energy (eV)

54-Xe-130

MAT 5443

1.794 MeV (n,n') Level
Cross Section

54-Xe-130
-100.0 To 331.4 %



11

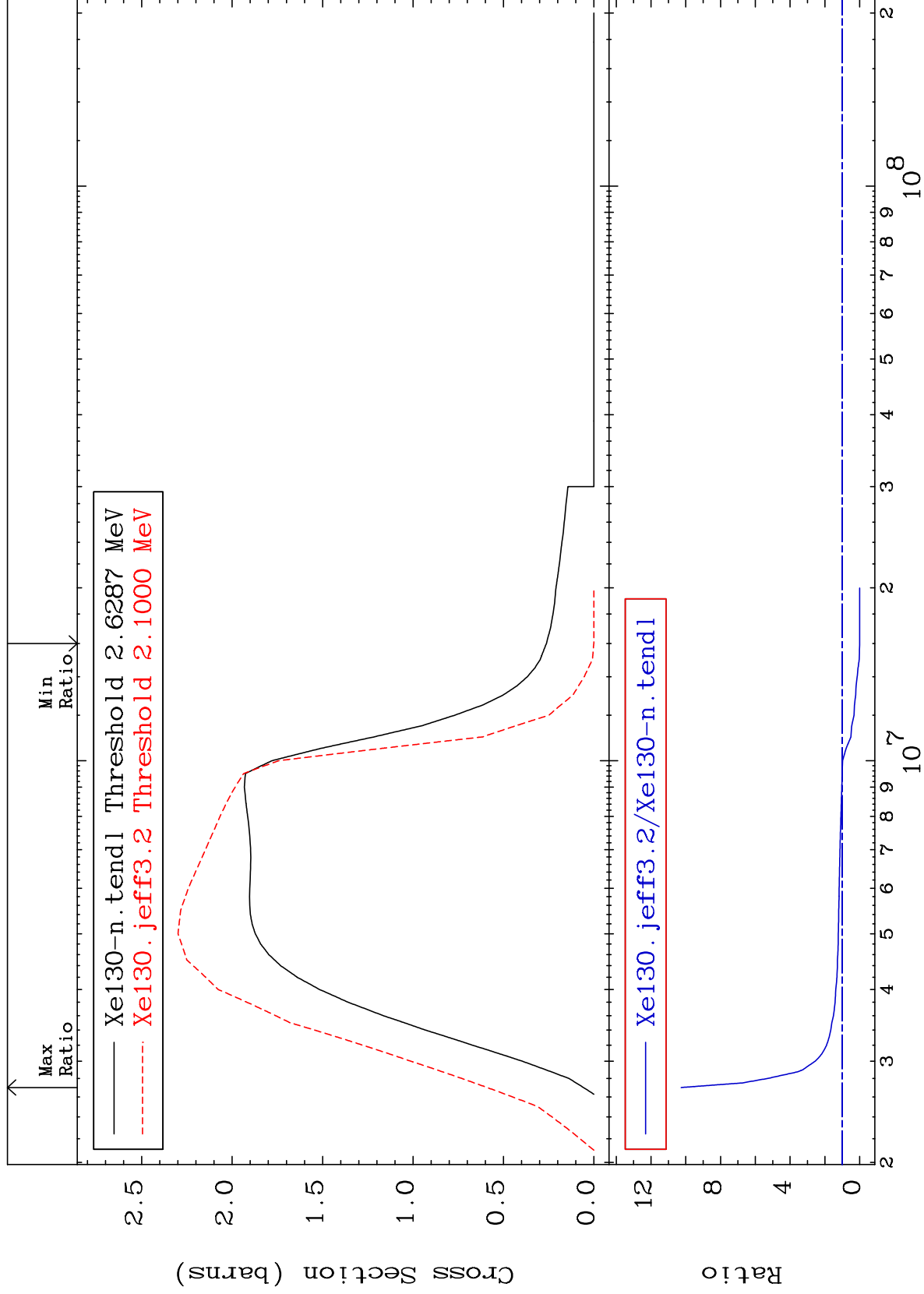
Incident Energy (eV)

54-Xe-130

MAT 5443

(n, n') Continuum
Cross Section

54-Xe-130
-100.0 To 926.4 %



12

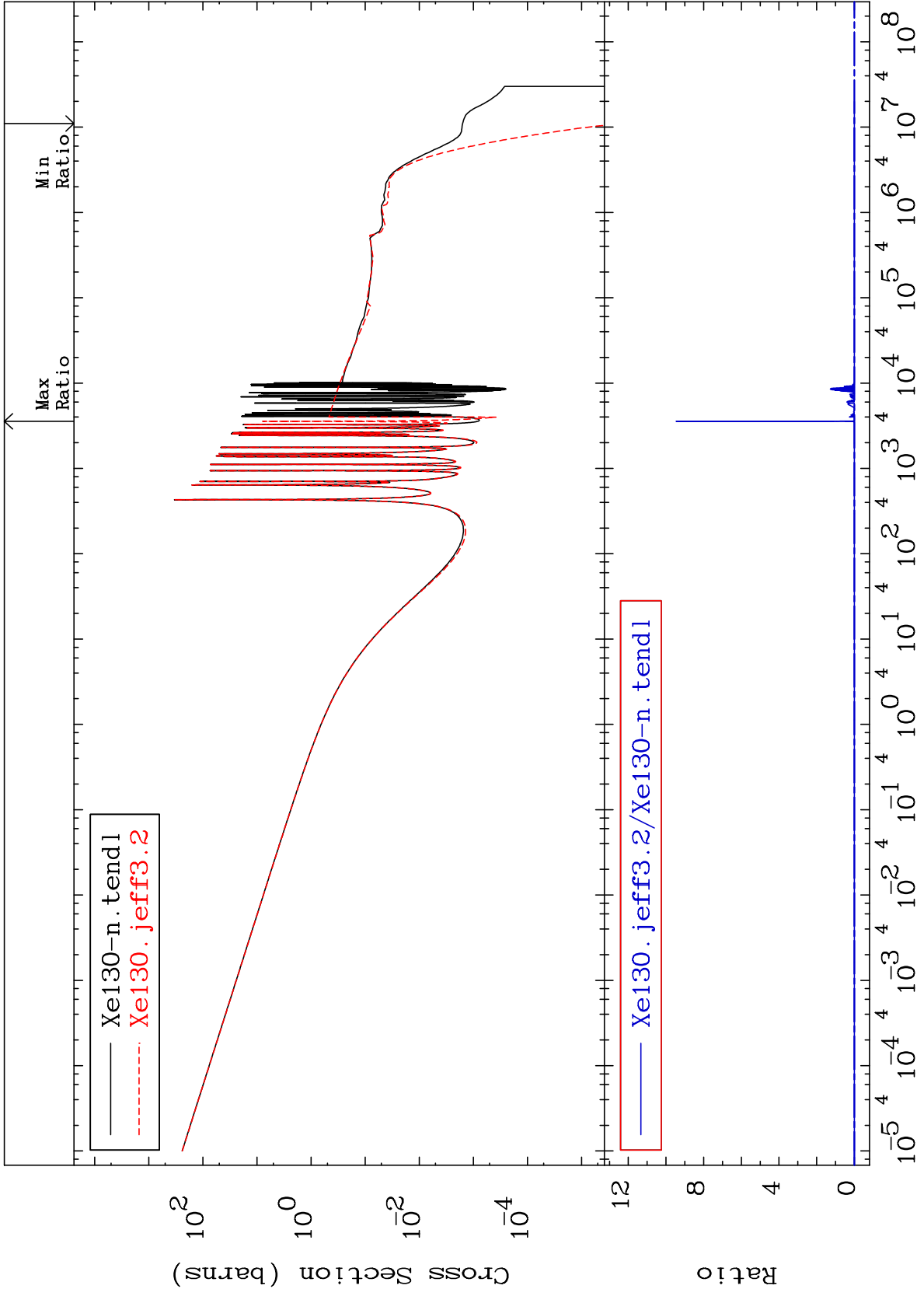
Incident Energy (eV)

54-Xe-130

MAT 5443

(n, γ)
Cross Section

54-Xe-130
-100.0 To 9999. %



13

Incident Energy (eV)

54-Xe-130

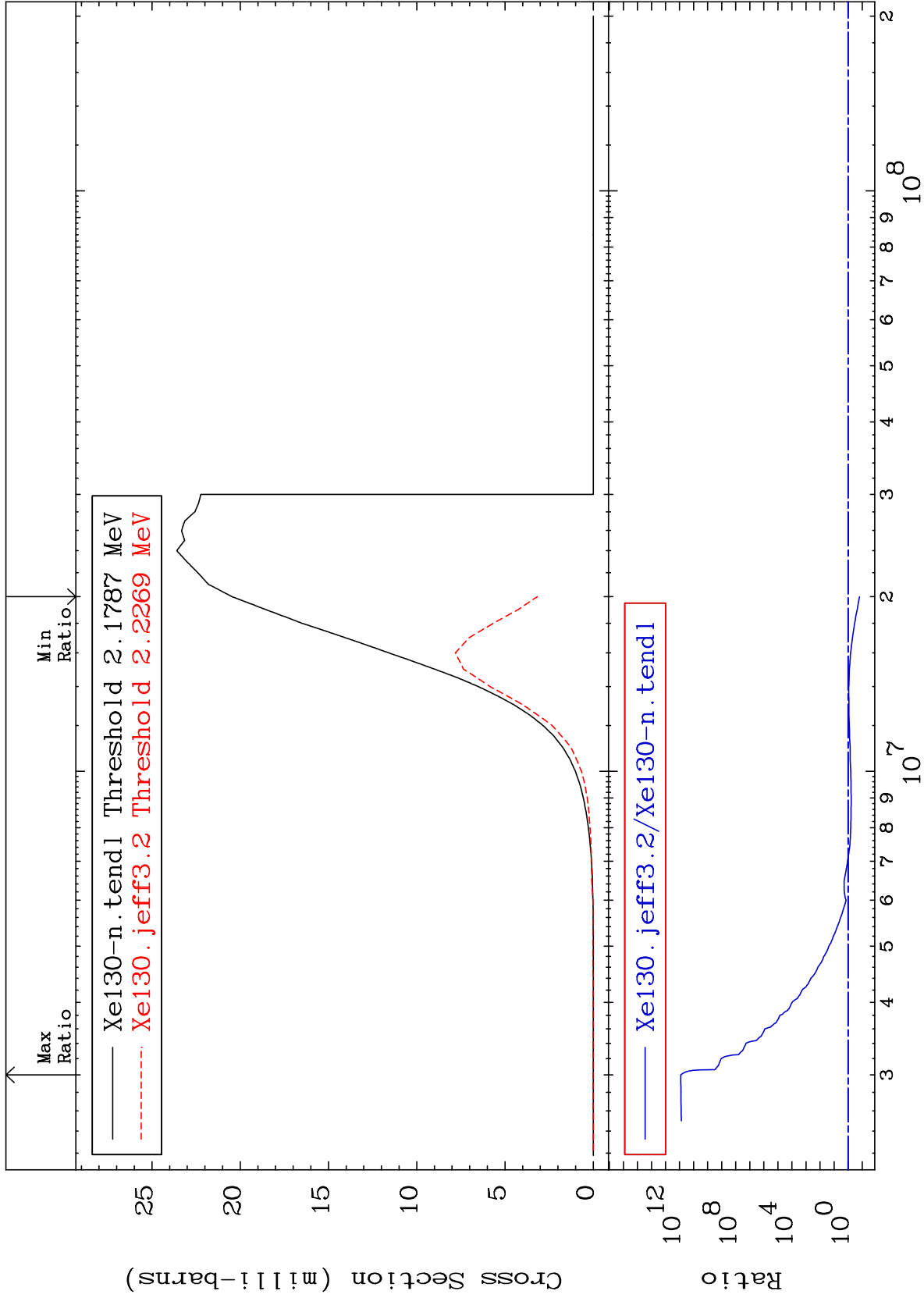
MAT 5443

(n,p)

54-Xe-130

Cross Section

-84.52 To 9999. %



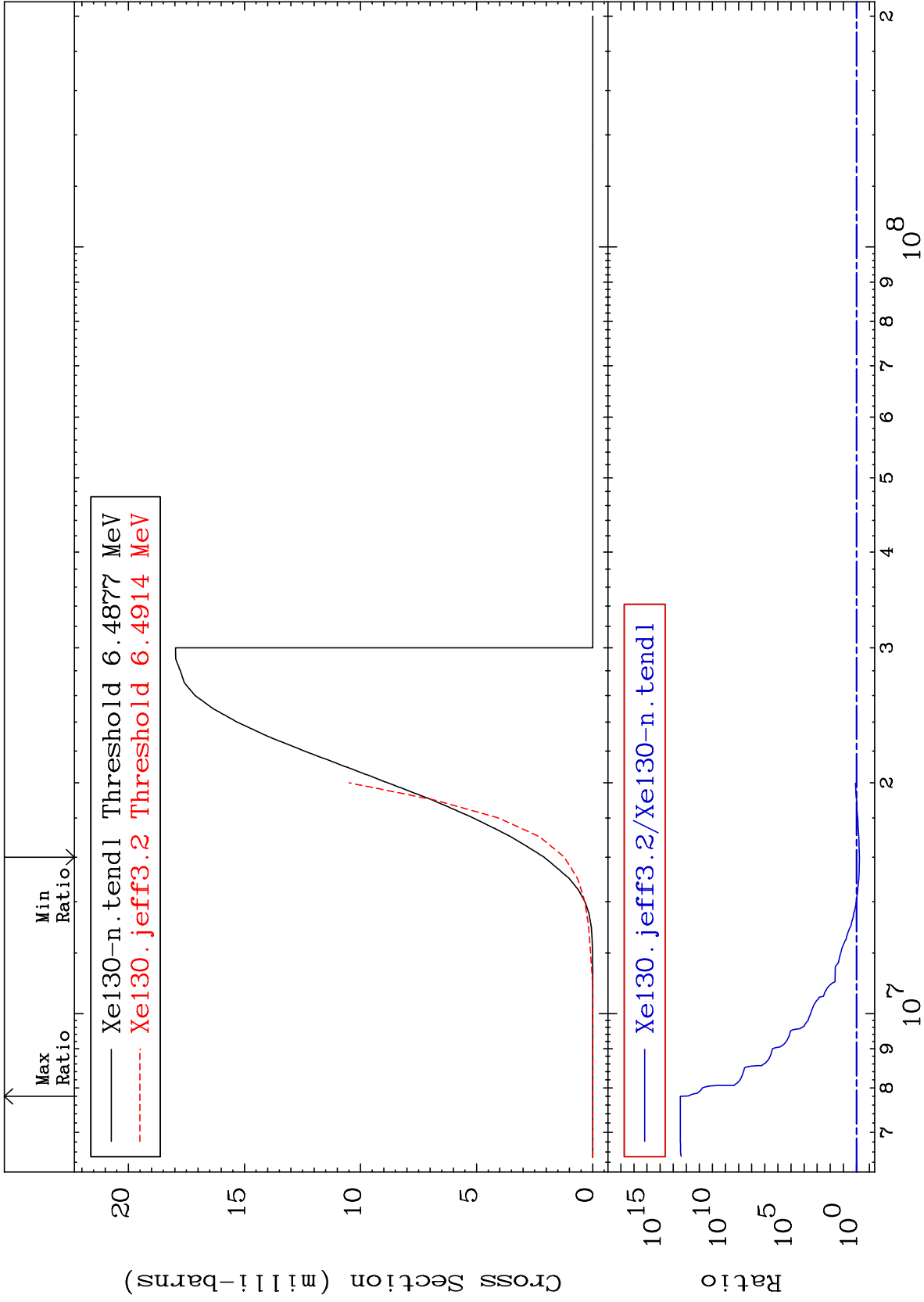
MAT 5443

(n, d)

54-Xe-130

Cross Section

-41.21 To 9999. %



15

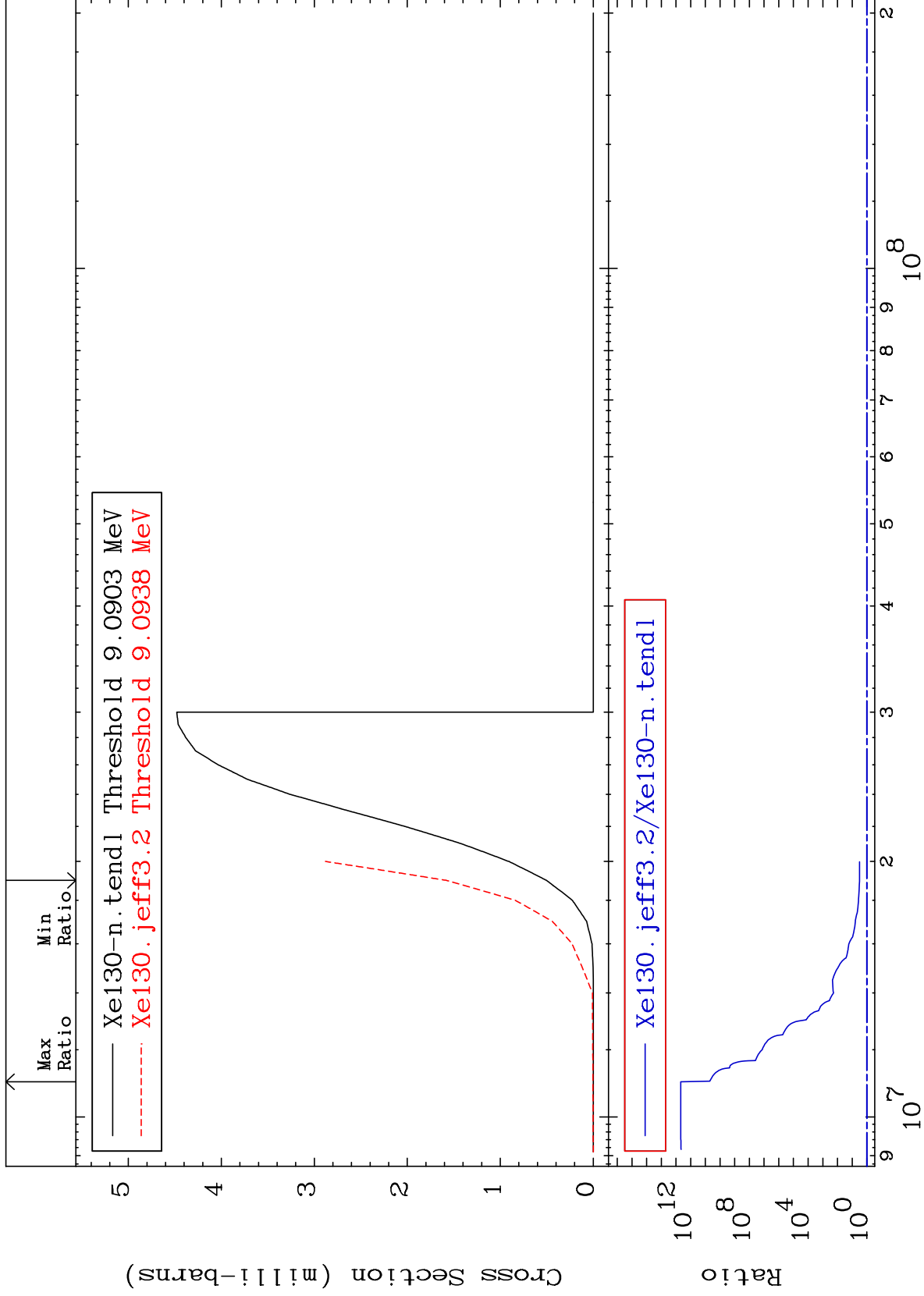
Incident Energy (eV)

54-Xe-130

MAT 5443

(n, t)
Cross Section

54-Xe-130
214.5 To 9999. %



16

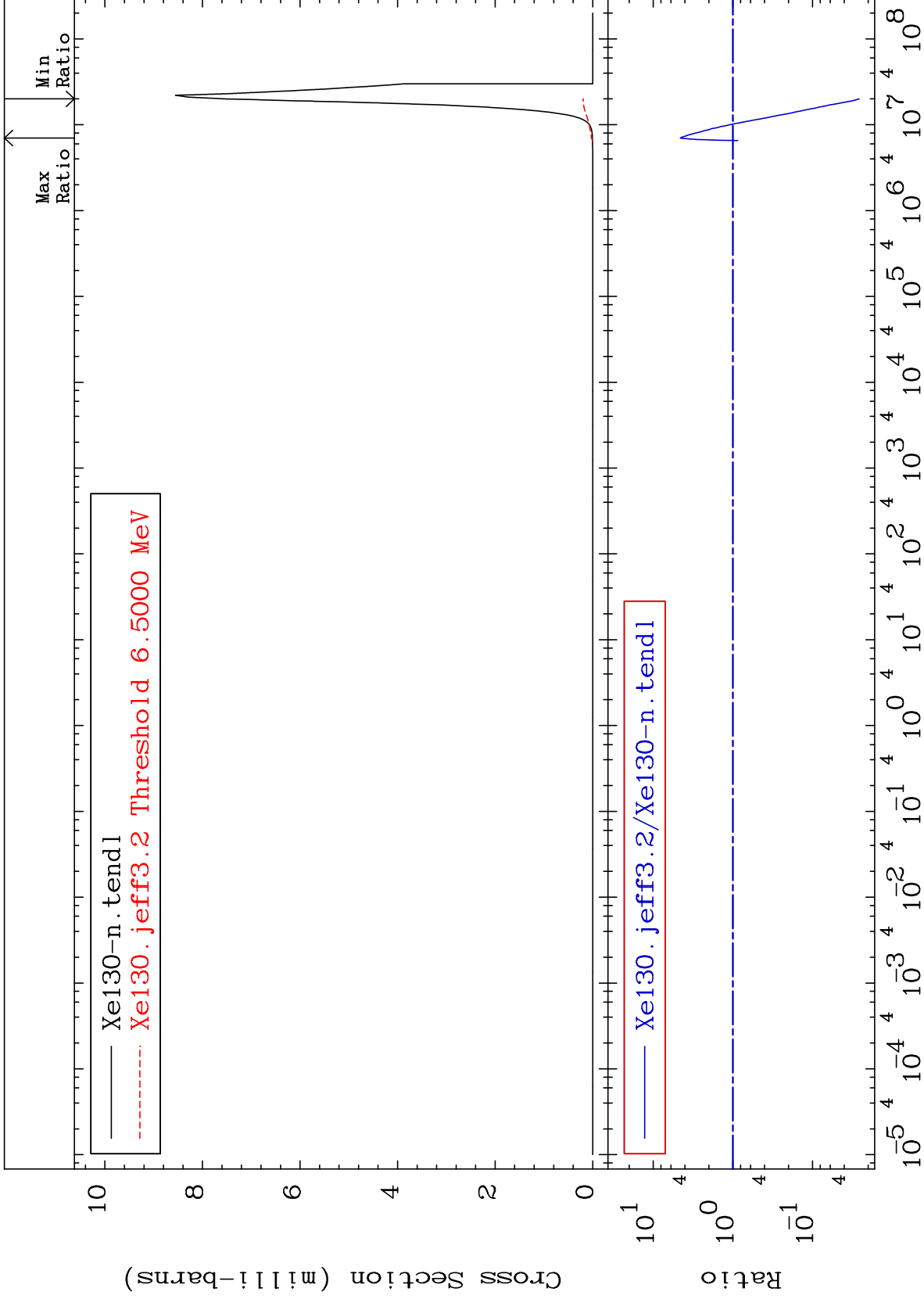
Incident Energy (eV)

54-Xe-130

MAT 5443

(n, α)
Cross Section

54-Xe-130
-97.43 To 355.6 %



Incident Energy (eV)

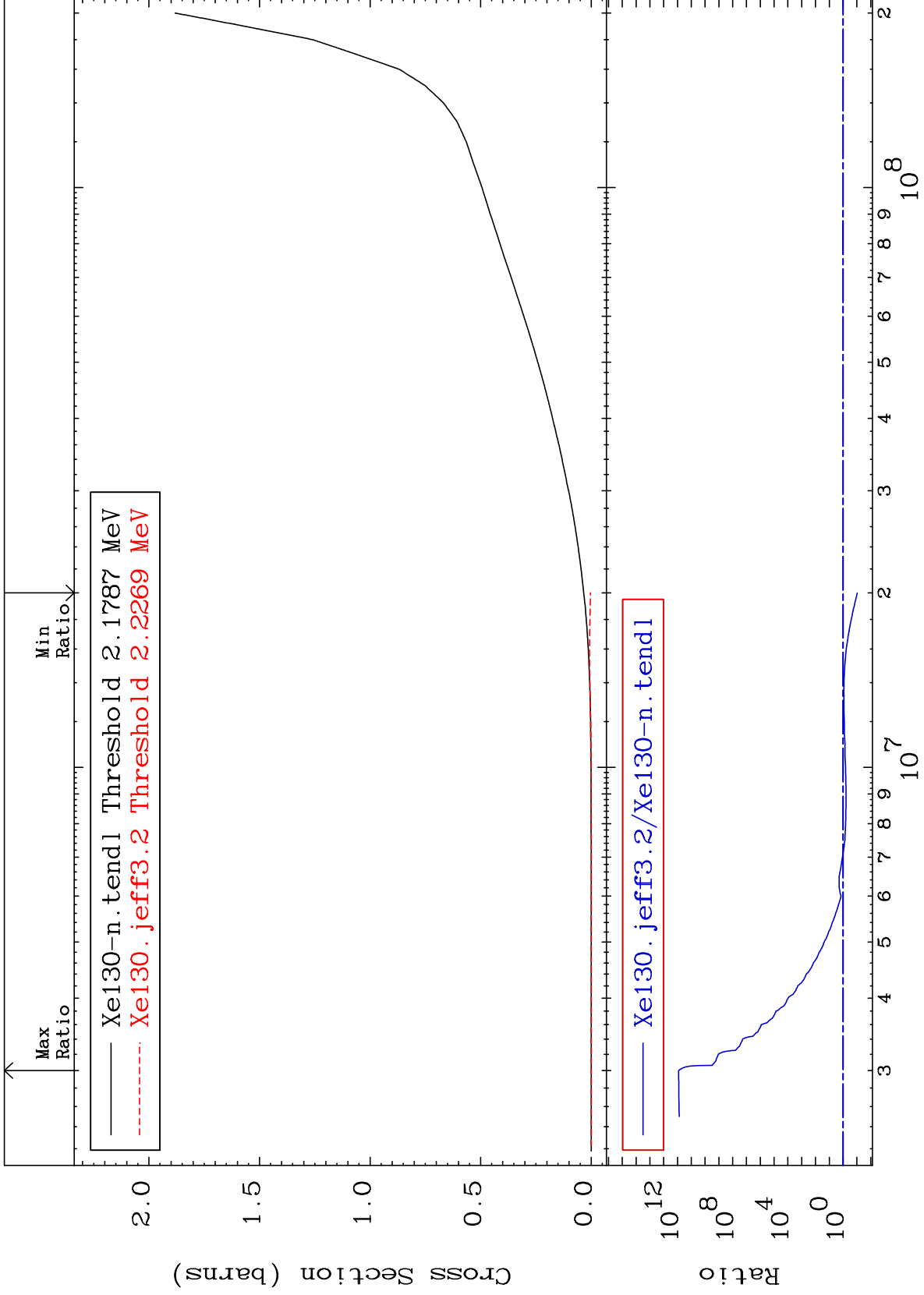
54-Xe-130

17

MAT 5443

Hydrogen Production
Cross Section

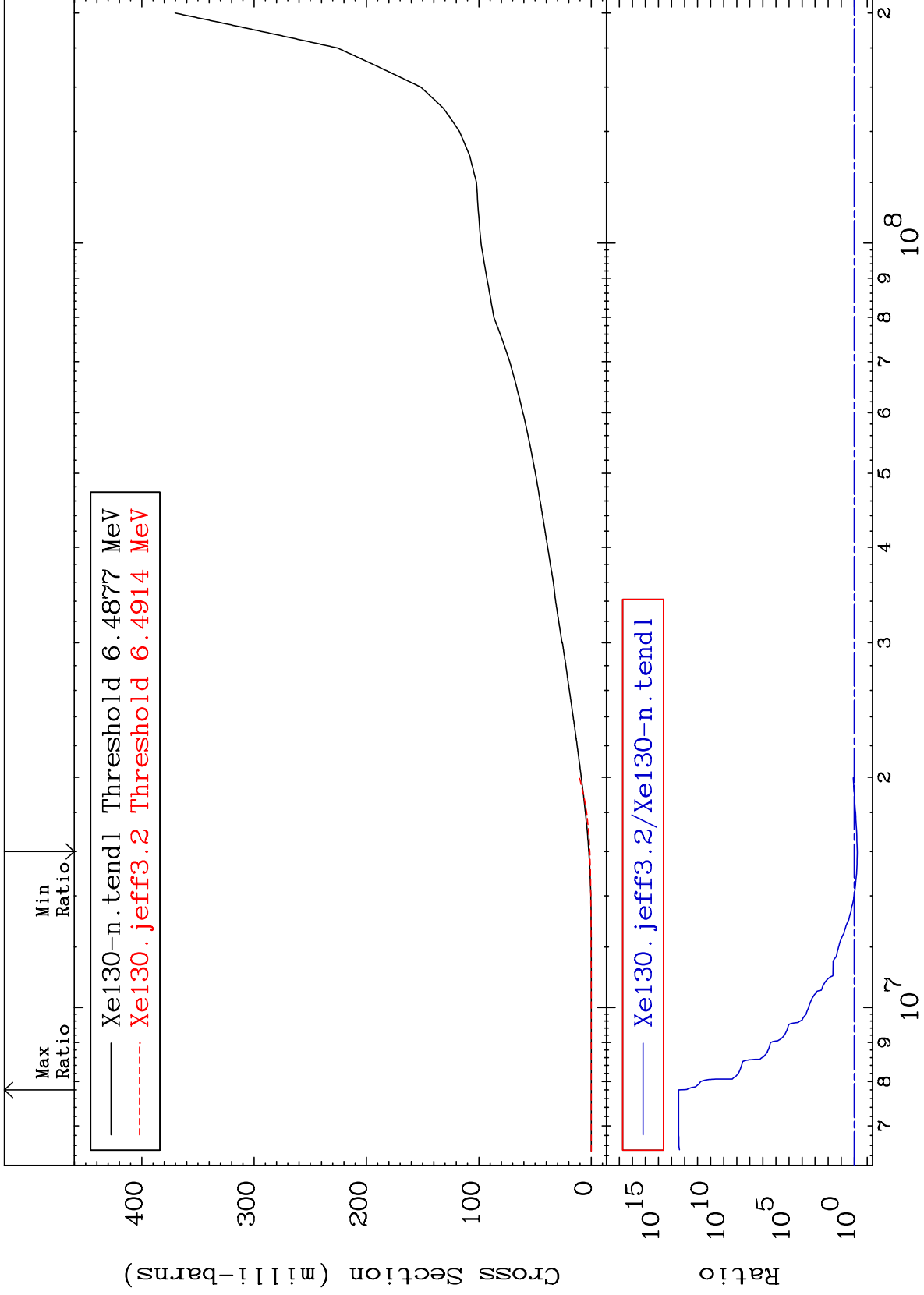
54-Xe-130
-90.60 To 9999. %



MAT 5443

Deuterium Production
Cross Section

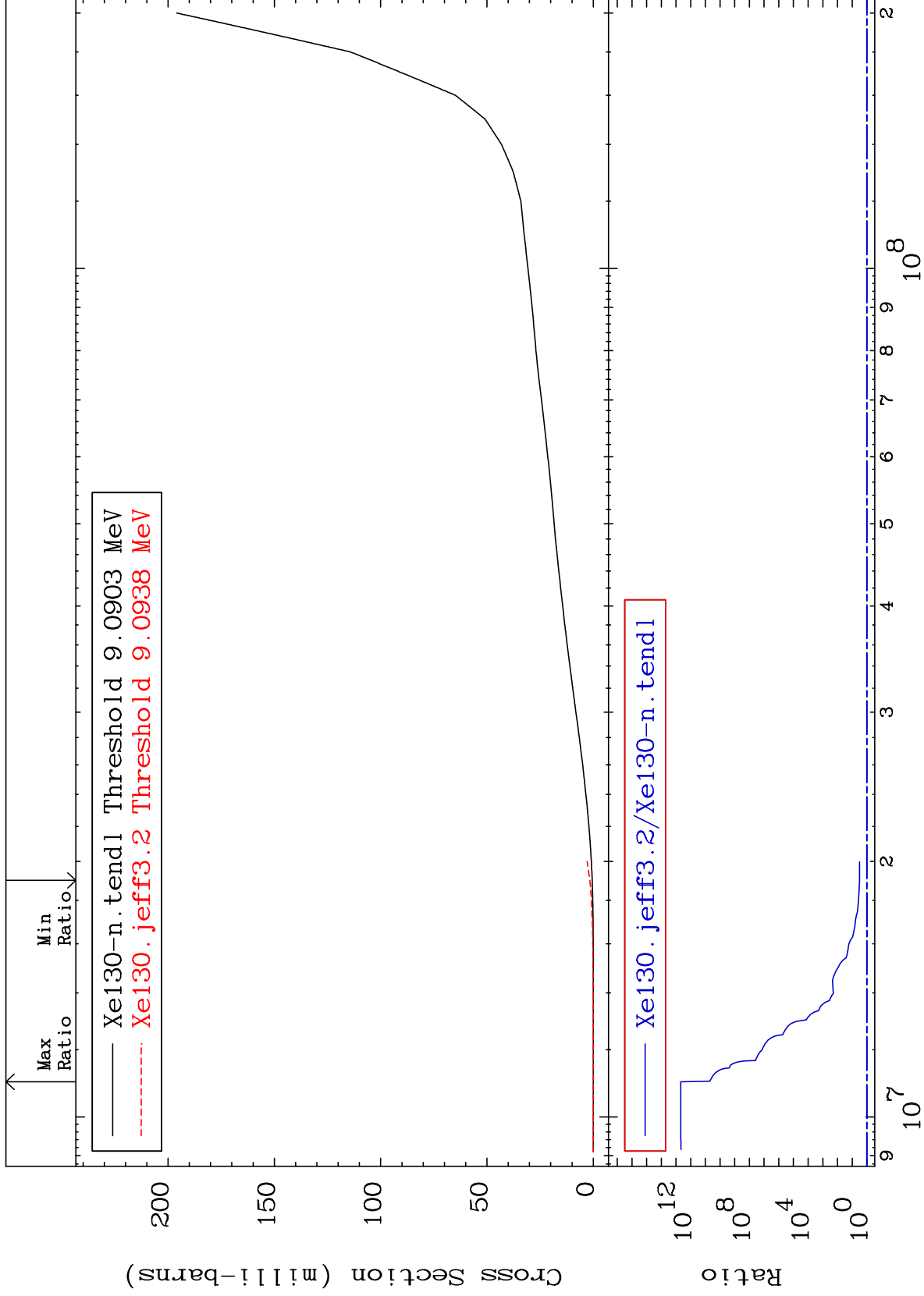
54-Xe-130
-41.21 To 9999. %



MAT 5443

Tritium Production
Cross Section

54-Xe-130
214.5 To 9999. %



20

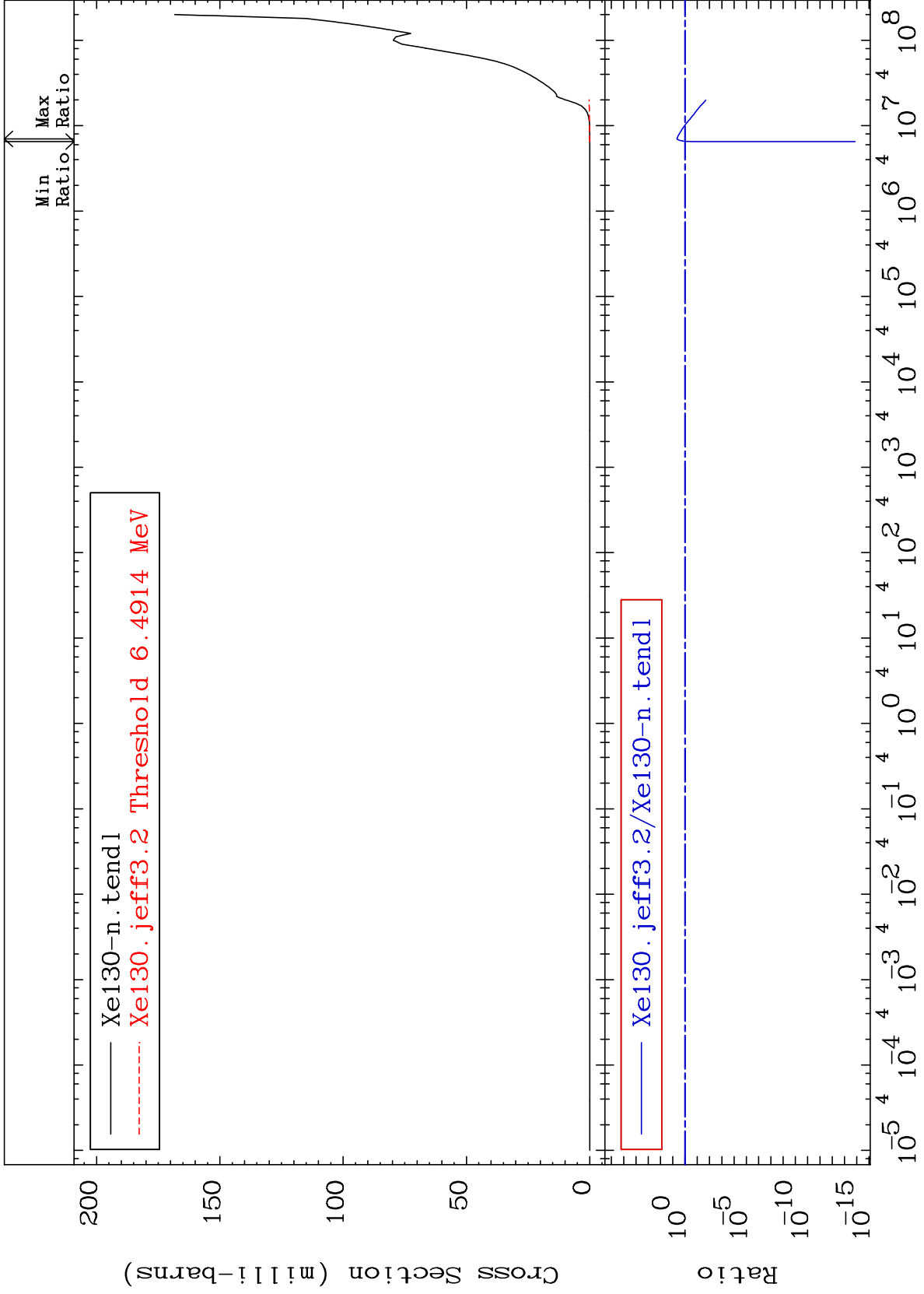
Incident Energy (eV)

54-Xe-130

MAT 5443

He-4 Production
Cross Section

54-Xe-130
-100.0 To 355.6 %



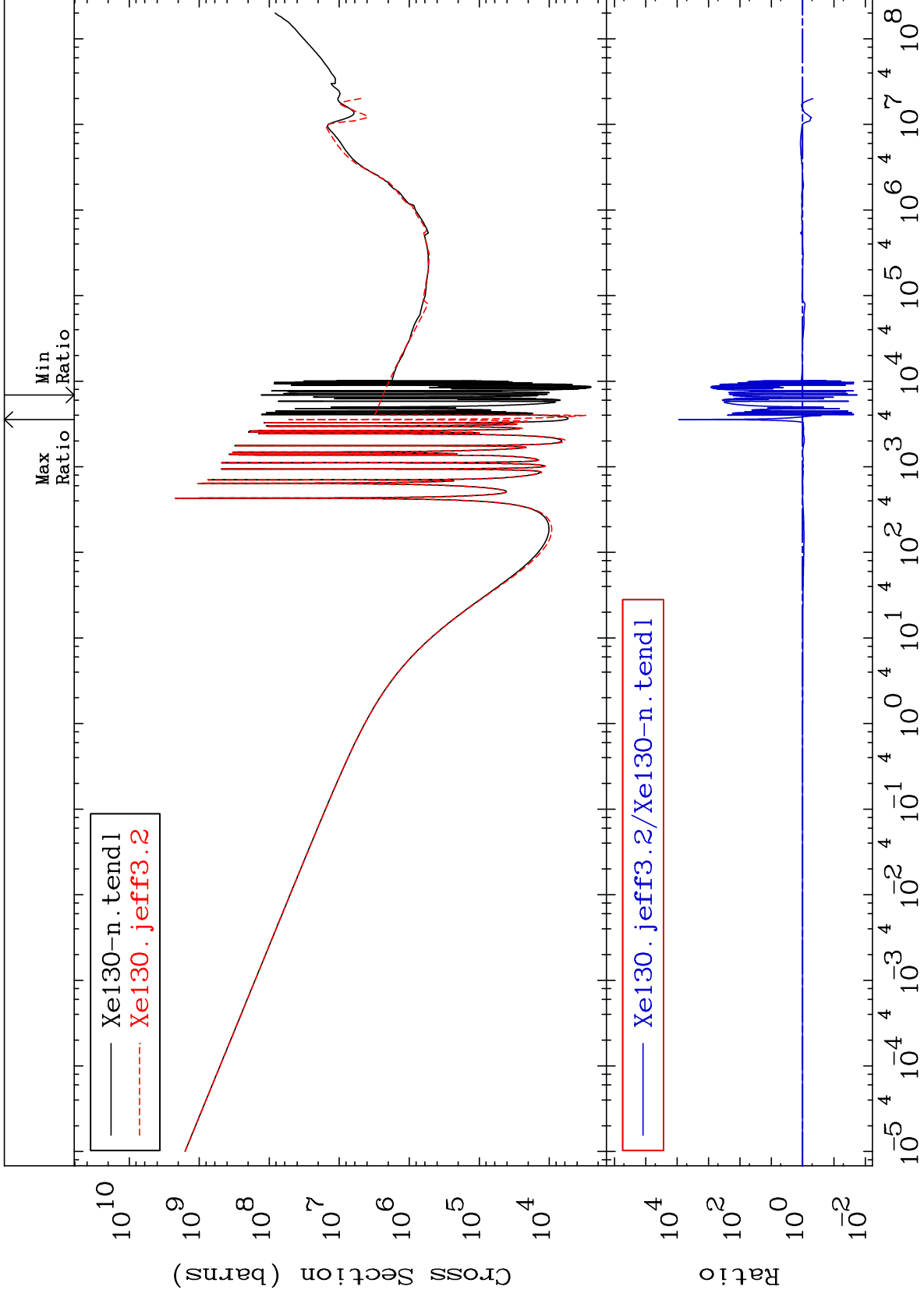
21

54-Xe-130

MAT 5443

Kerma total (eV-barns)
Cross Section

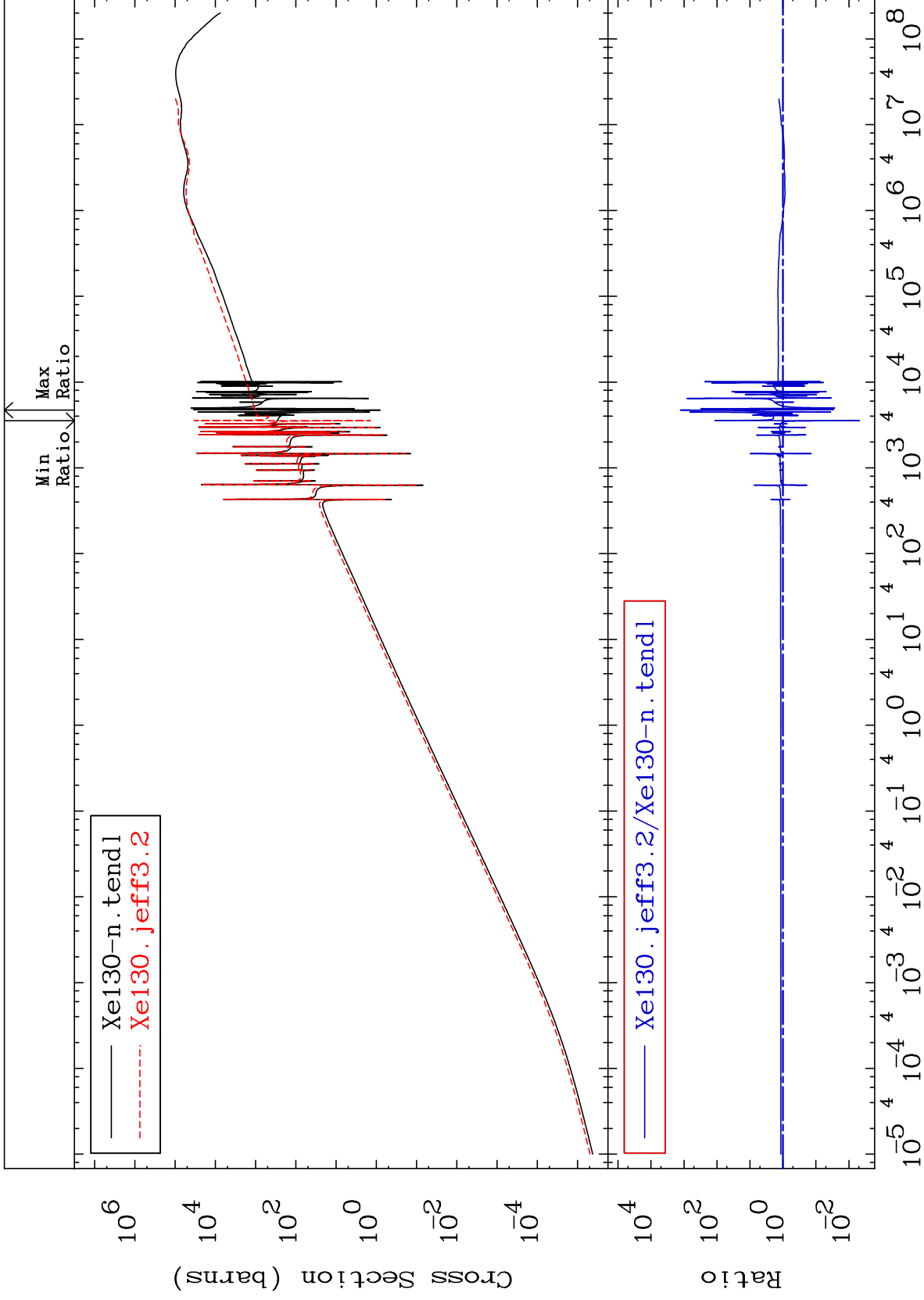
54-Xe-130
-98.19 To 9999. %



MAT 5443

Kerma elastic
Cross Section

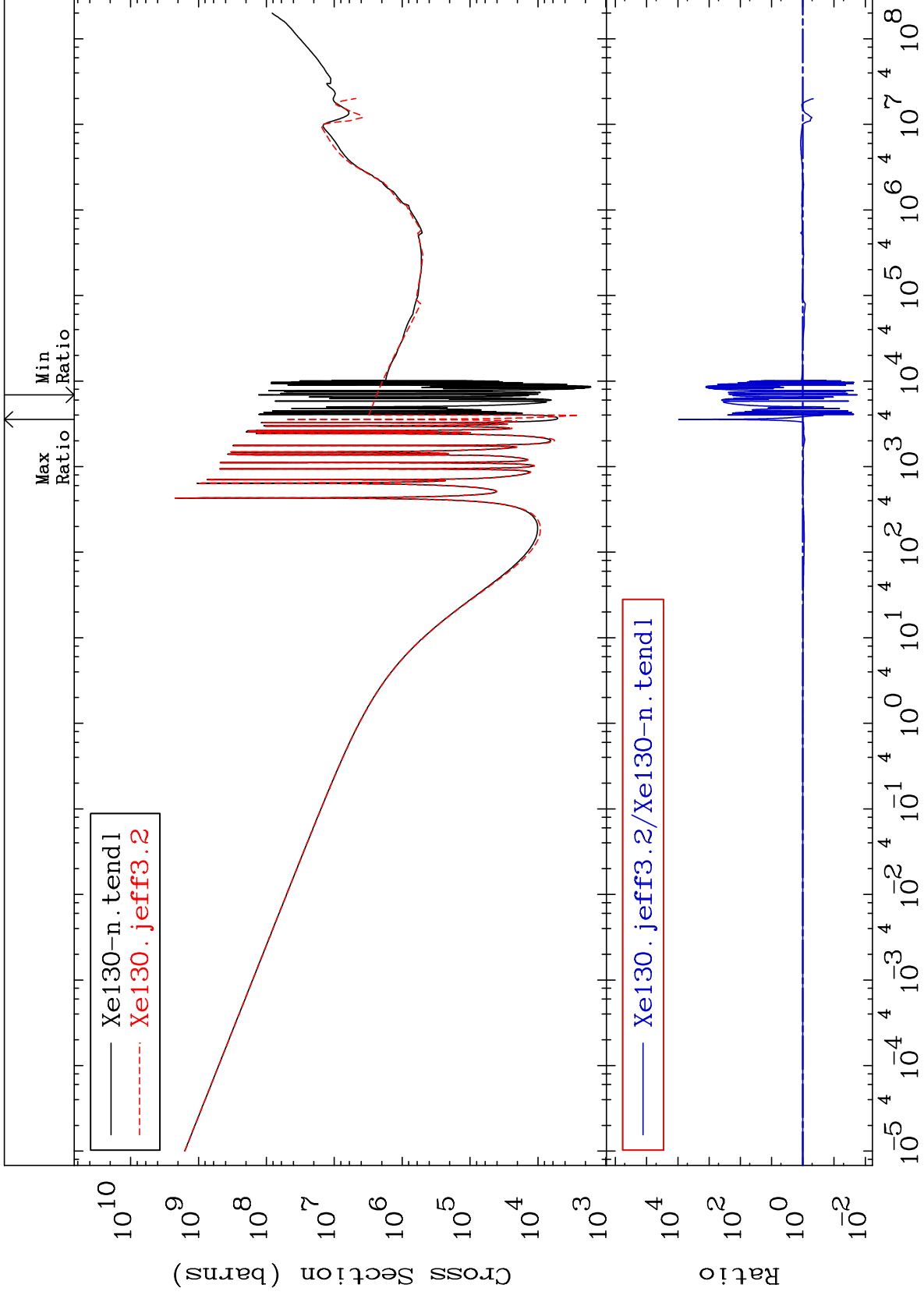
54-Xe-130
-99.52 To 9999. %



MAT 5443

Kerma non-elastic (all but mt2)
Cross Section

54-Xe-130
-98.19 To 9999. %



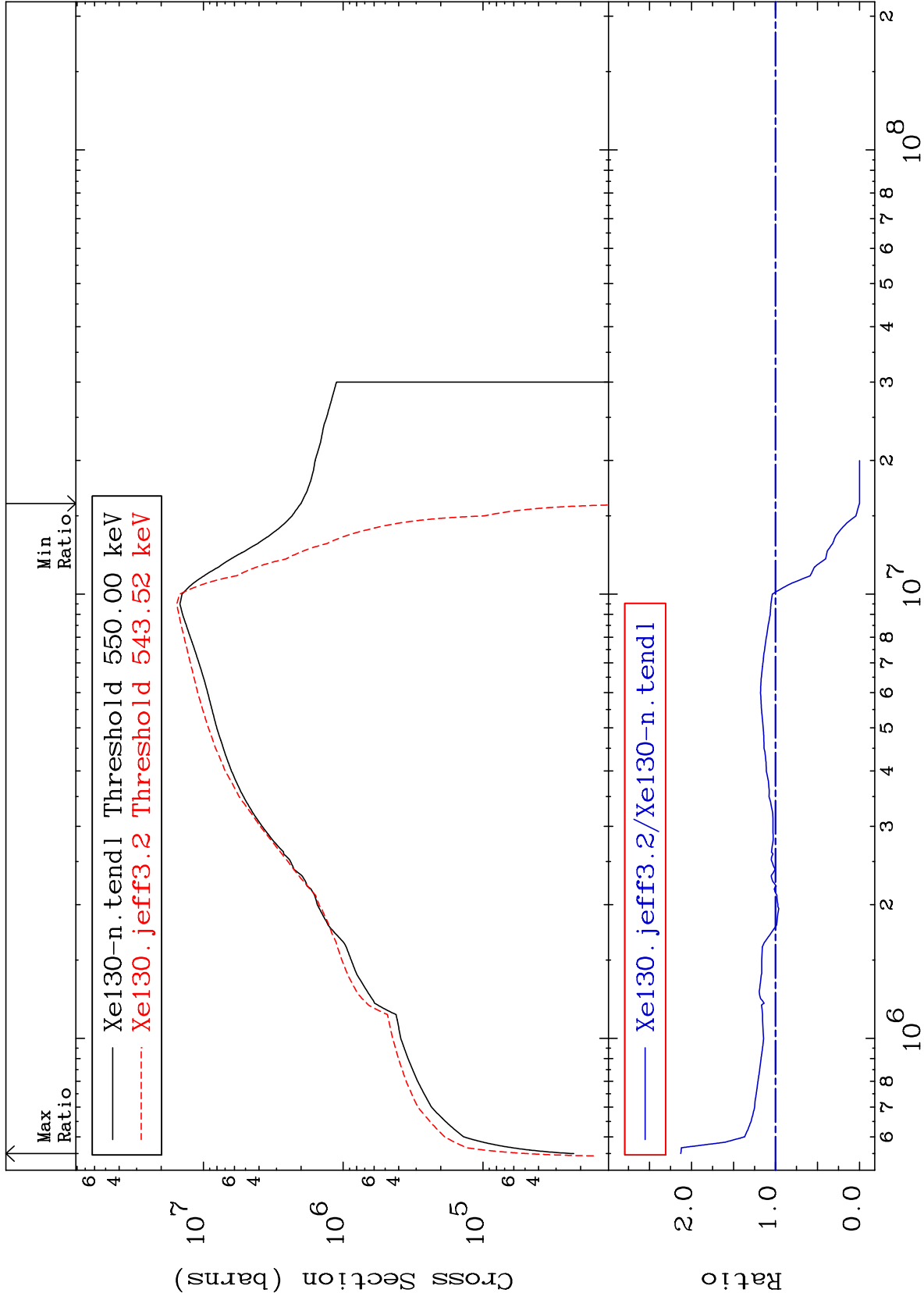
MAT 5443

Kerma inelastic (mt51-91)

54-Xe-130

Cross Section

-100.0 To 112.8 %



25

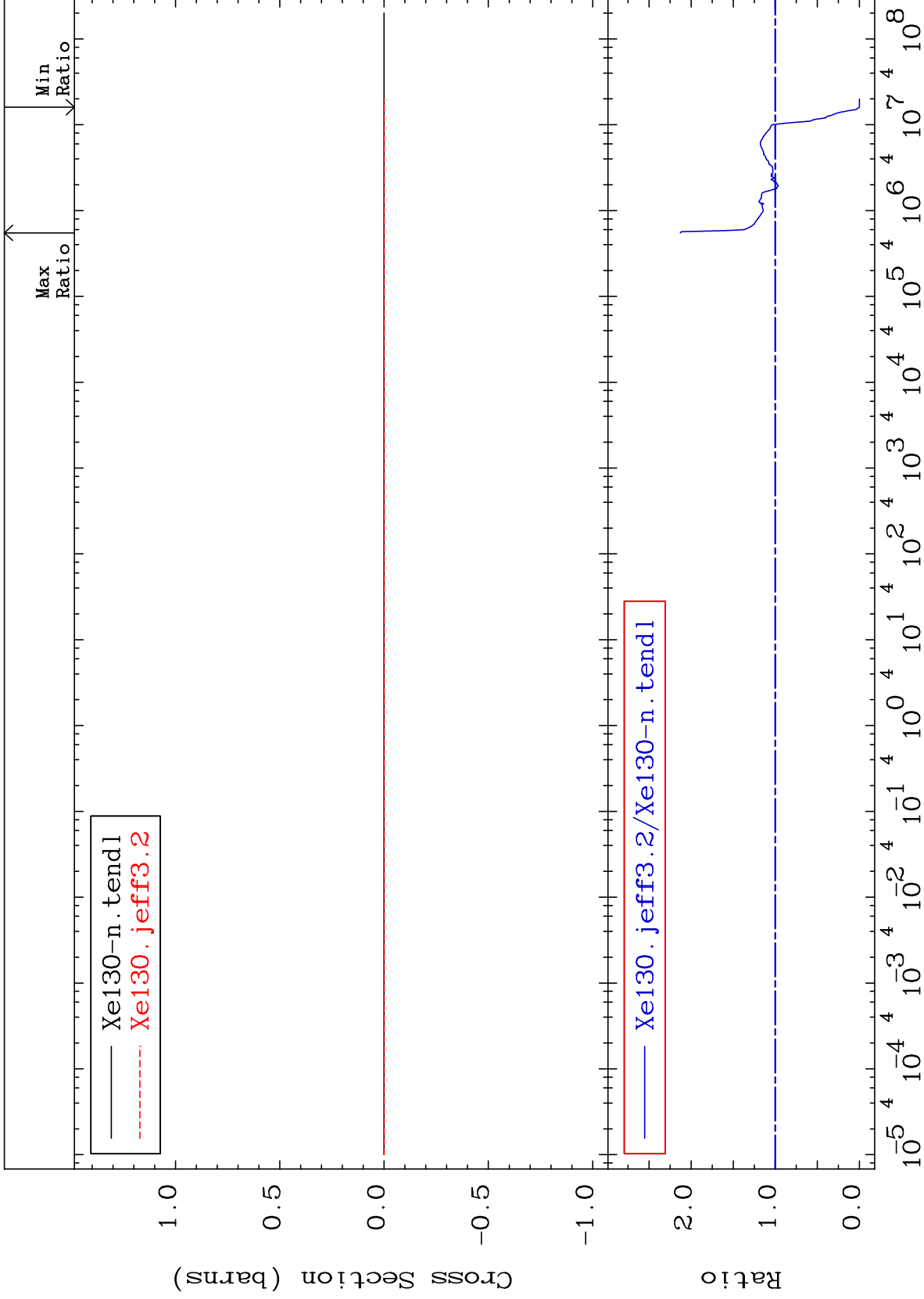
Incident Energy (eV)

54-Xe-130

MAT 5443

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

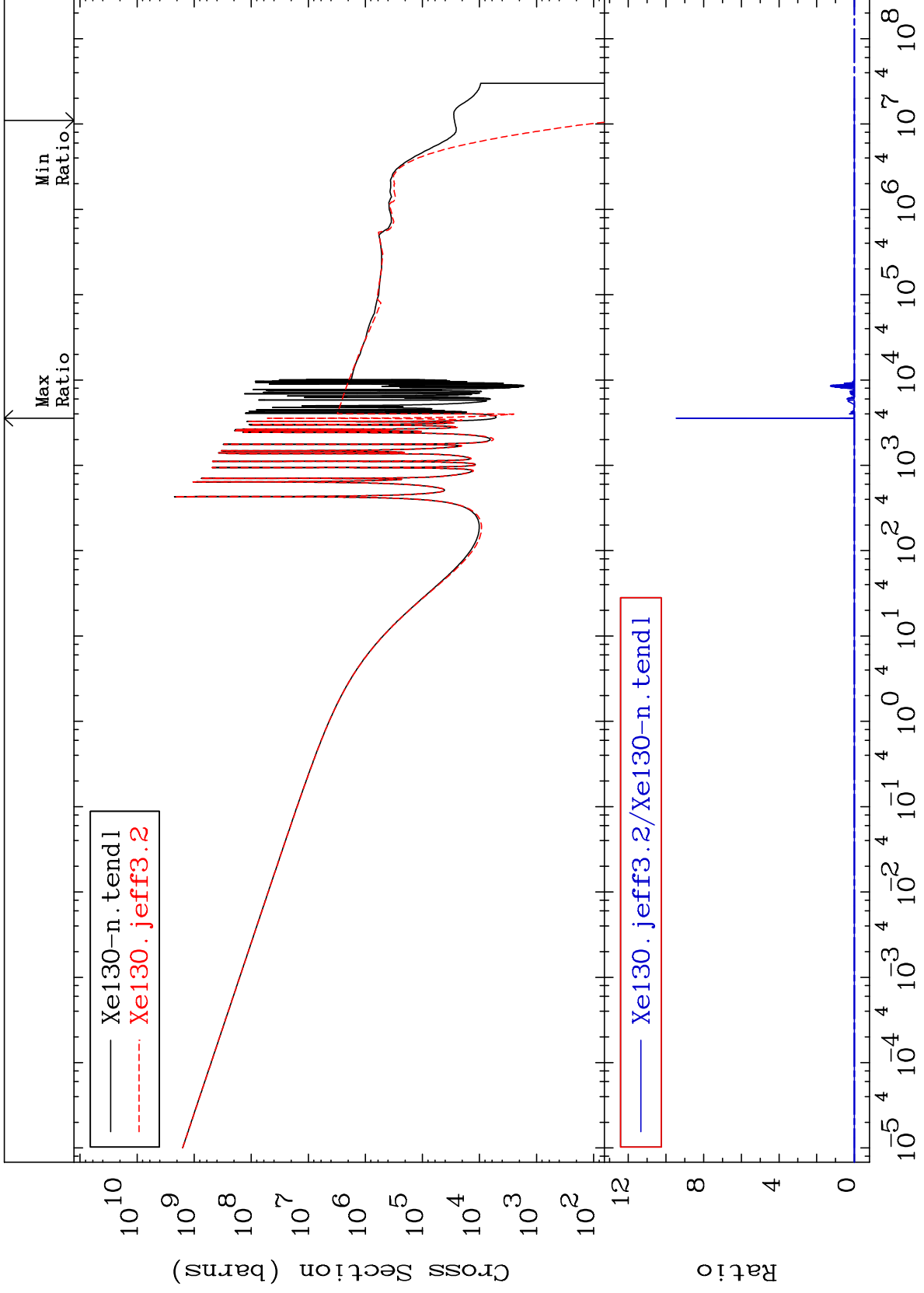
54-Xe-130
-100.0 To 112.8 %



MAT 5443

Kerma capture (mt102)
Cross Section

54-Xe-130
-100.0 To 9999. %



27

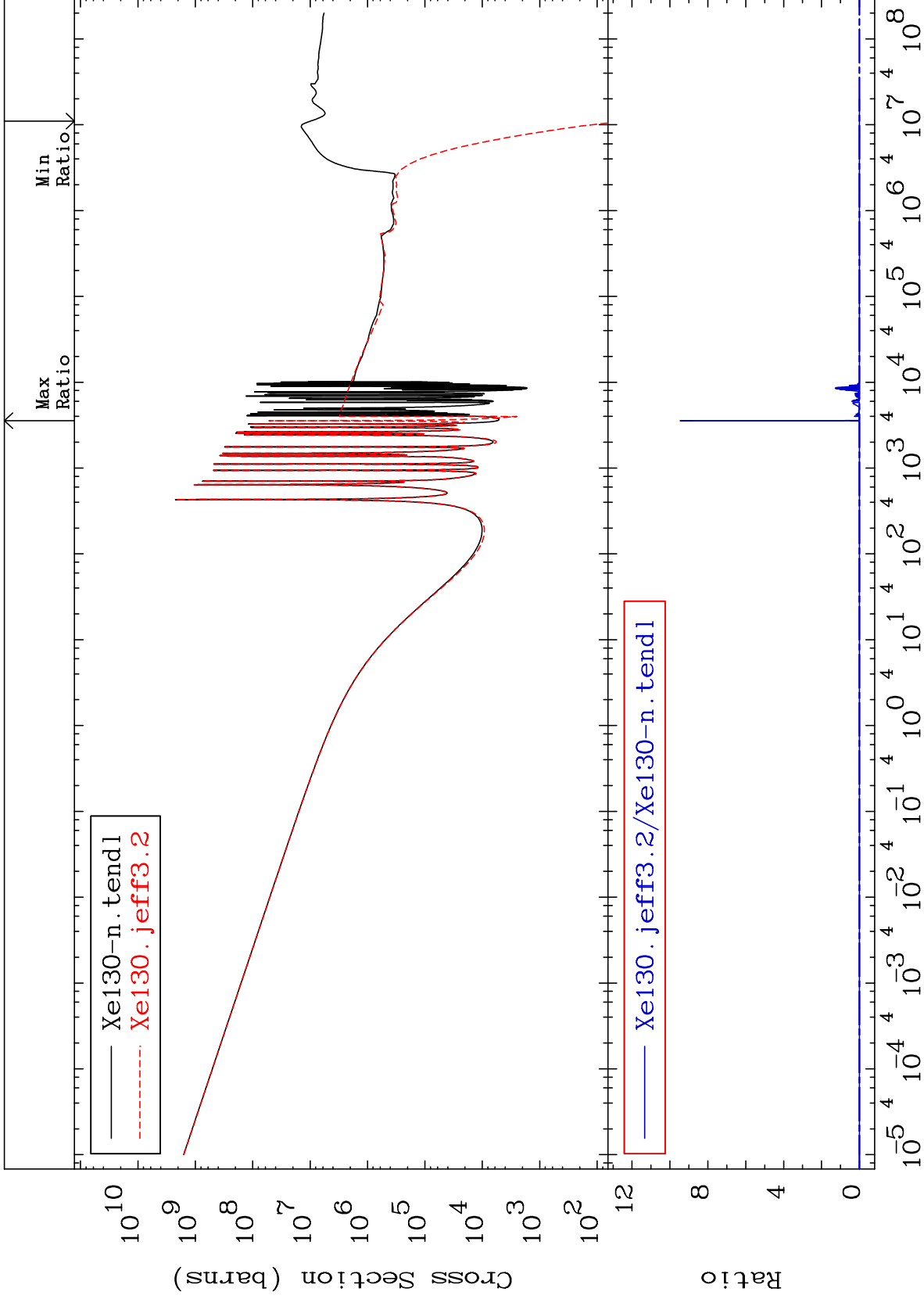
Incident Energy (eV)

54-Xe-130

MAT 5443

Total photon (eV-barns)
Cross Section

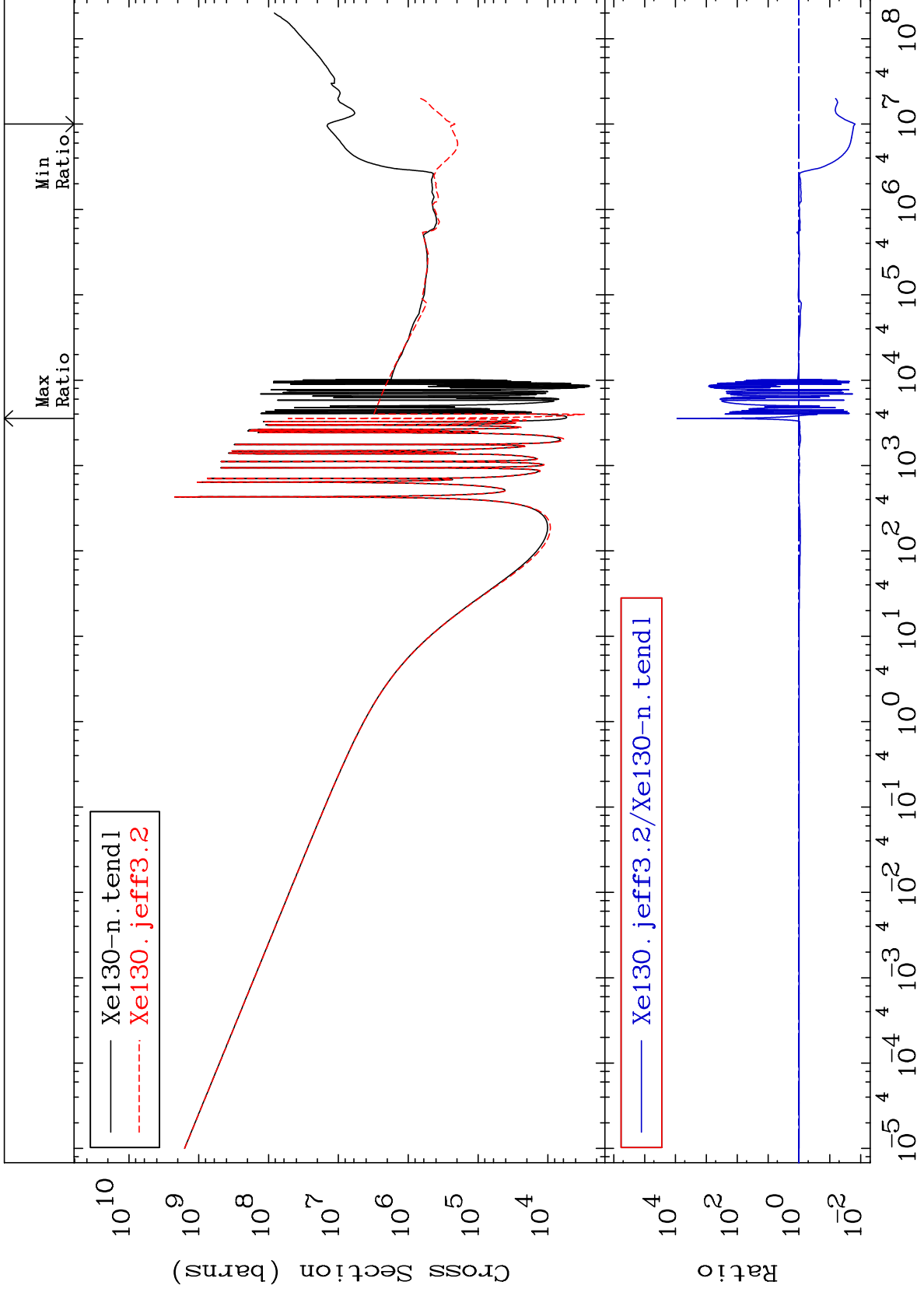
54-Xe-130
-100.0 To 9999. %



MAT 5443

Total kinematic kerma (high limit)
Cross Section

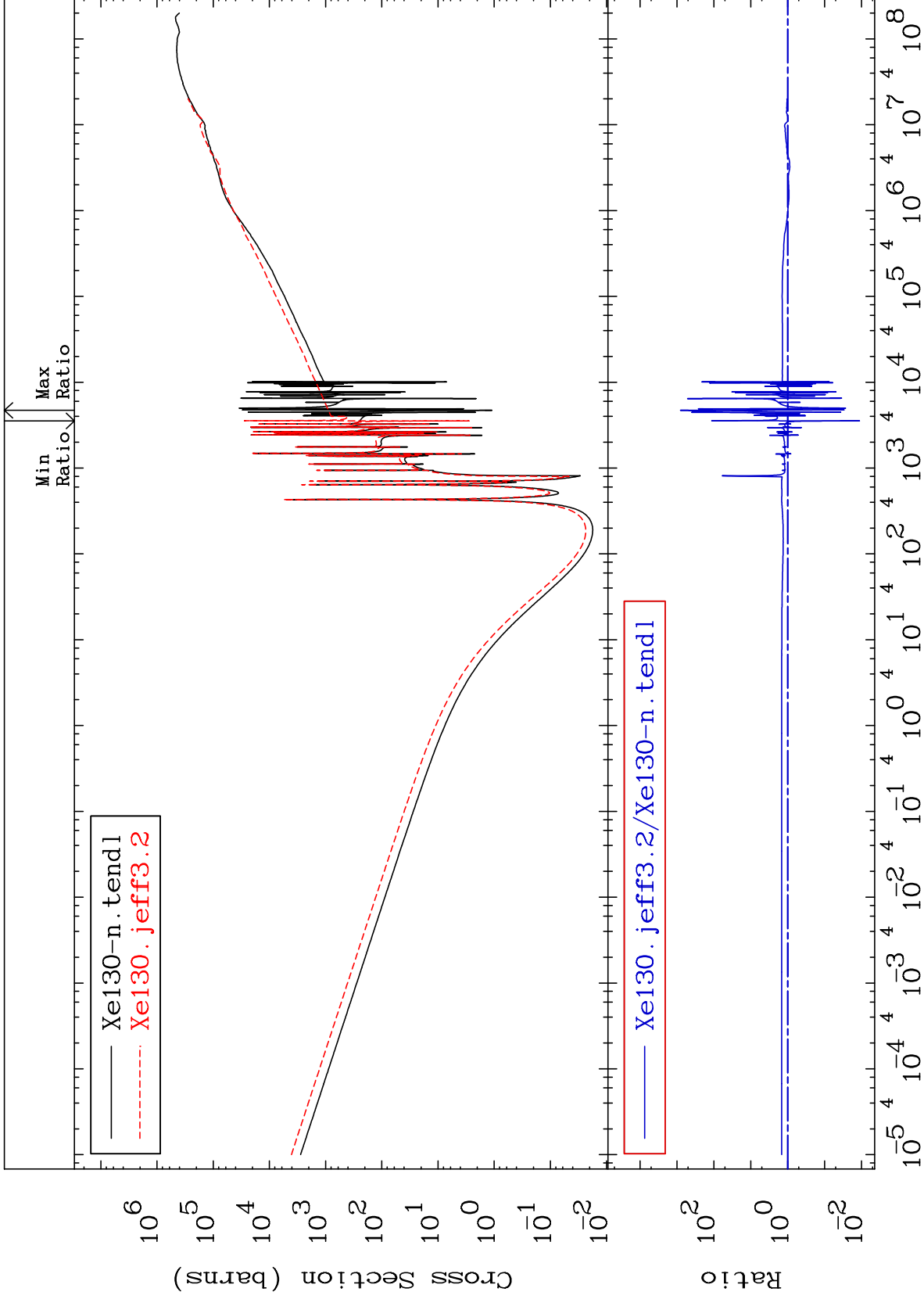
54-Xe-130
-98.48 To 9999. %



MAT 5443

Dpa total (eV-barns)
Cross Section

54-Xe-130
-98.86 To 9999. %



30

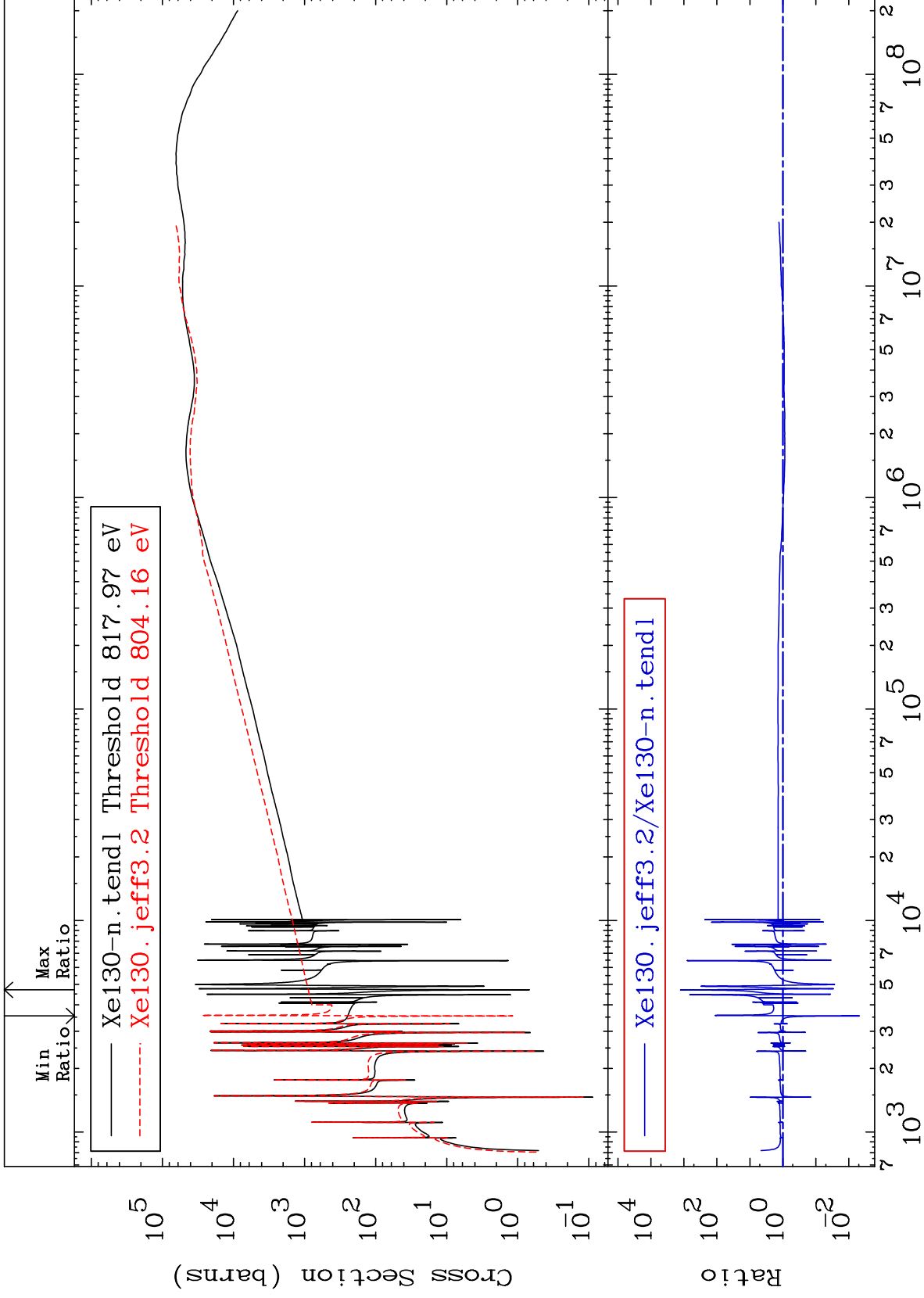
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa elastic (mt2)
Cross Section

54-Xe-130
-99.52 To 9999. %



31

Incident Energy (eV)

54-Xe-130

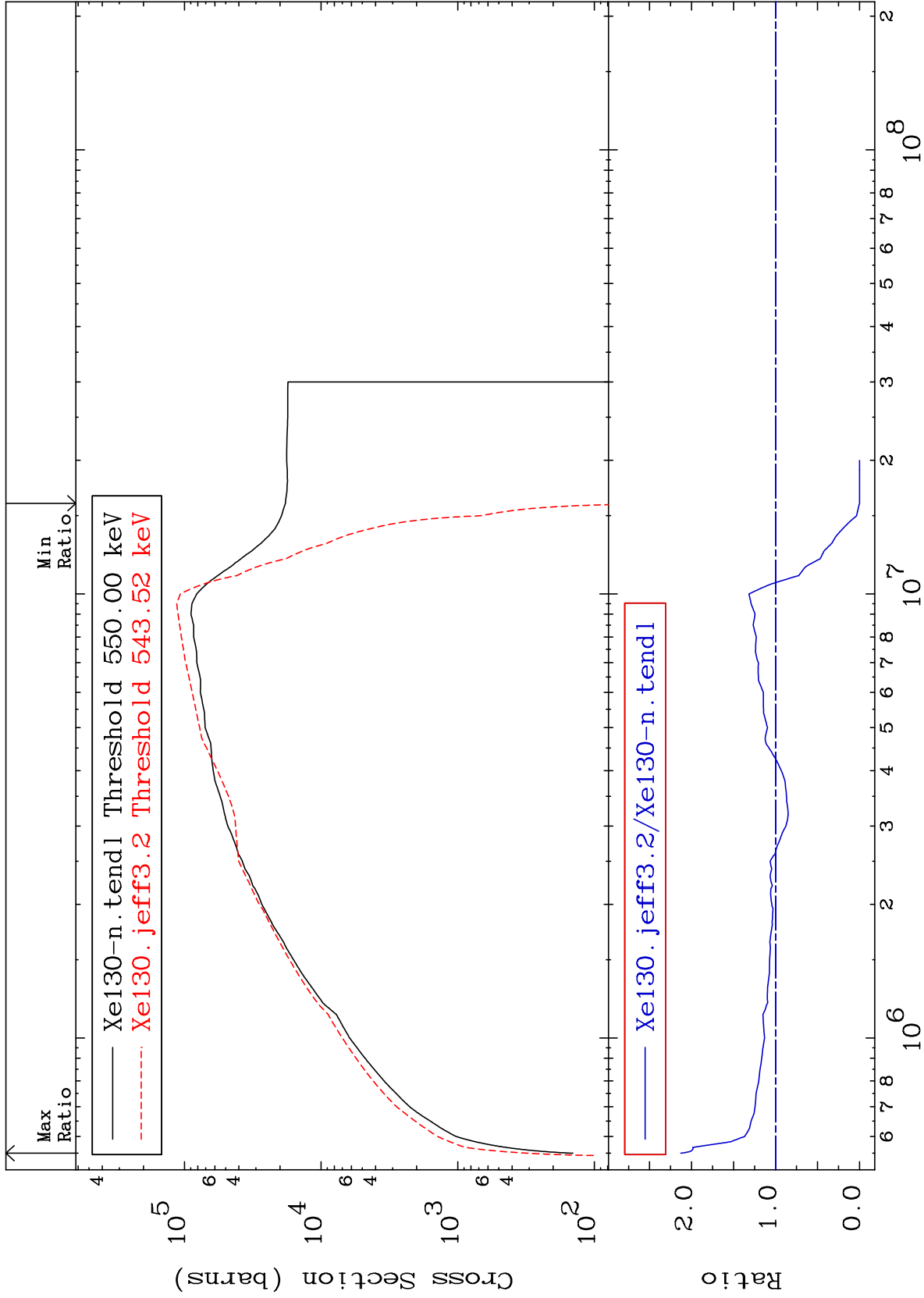
MAT 5443

Dpa inelastic (mt51-91)

54-Xe-130

Cross Section

-100.0 To 112.9 %



MAT 5443

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-130
-97.40 To 9999. %

