

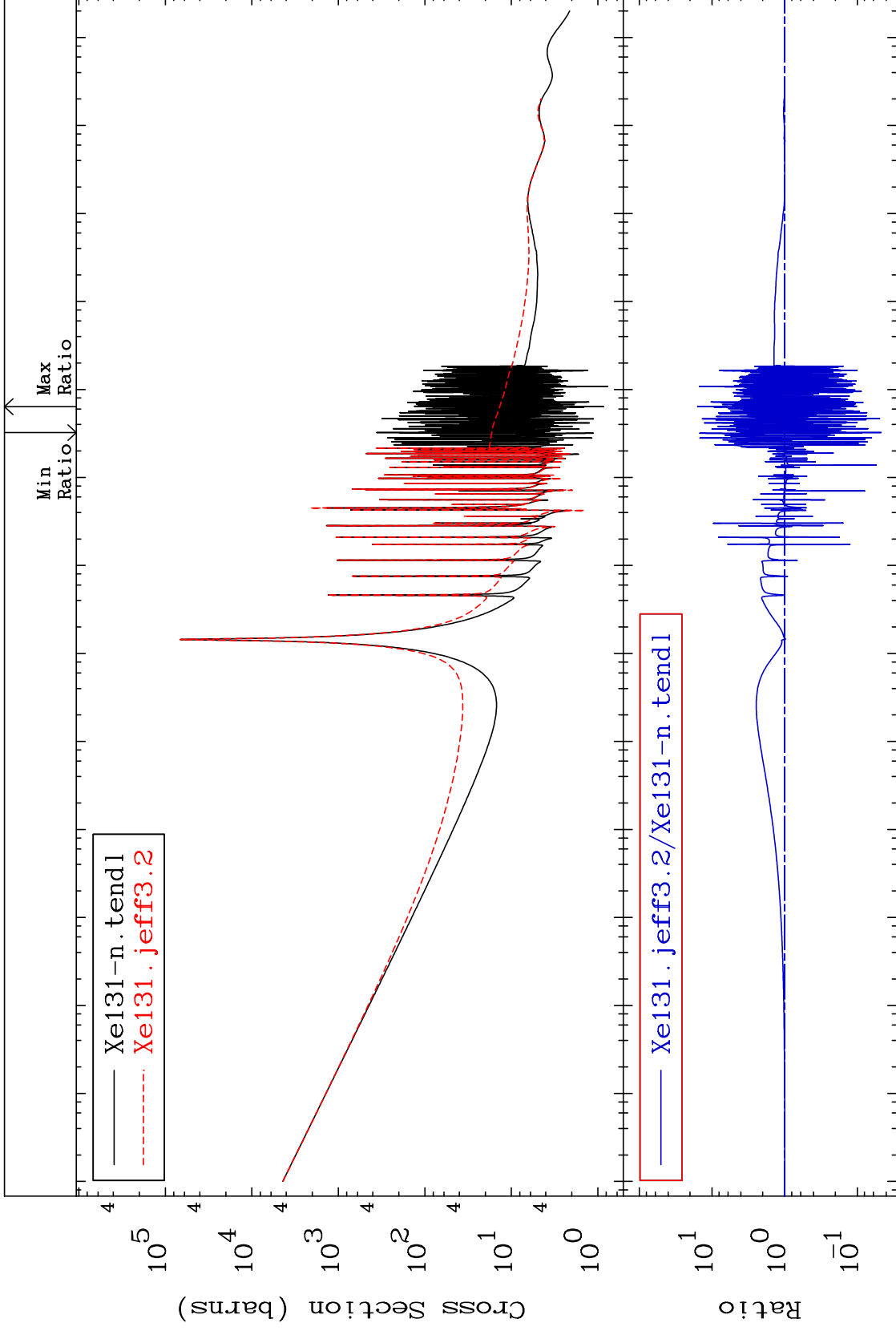
MAT 5446

Total

54-Xe-131

Cross Section

-95.29 To 1480. %



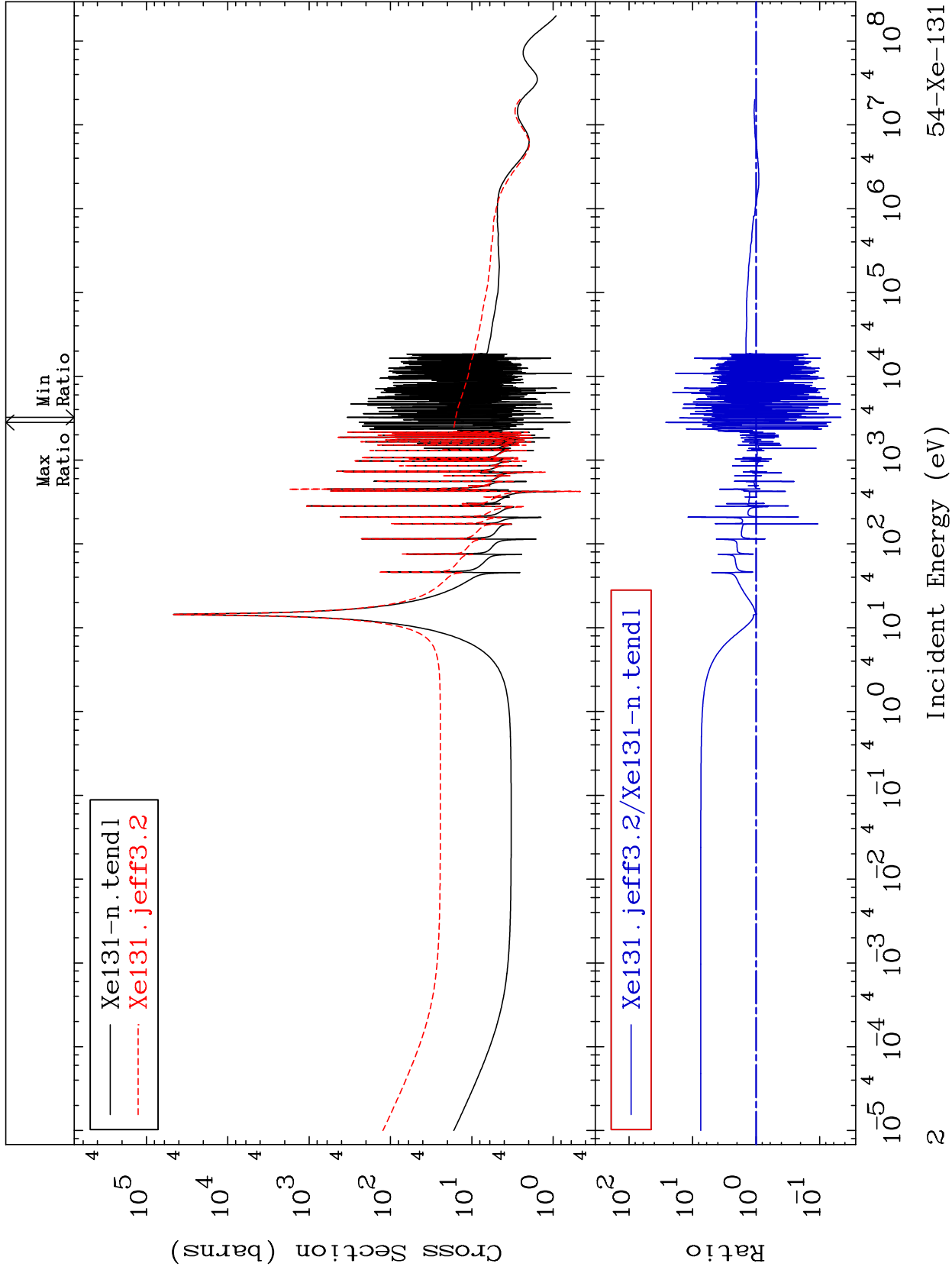
Incident Energy (eV)

54-Xe-131

MAT 5446

Elastic
Cross Section

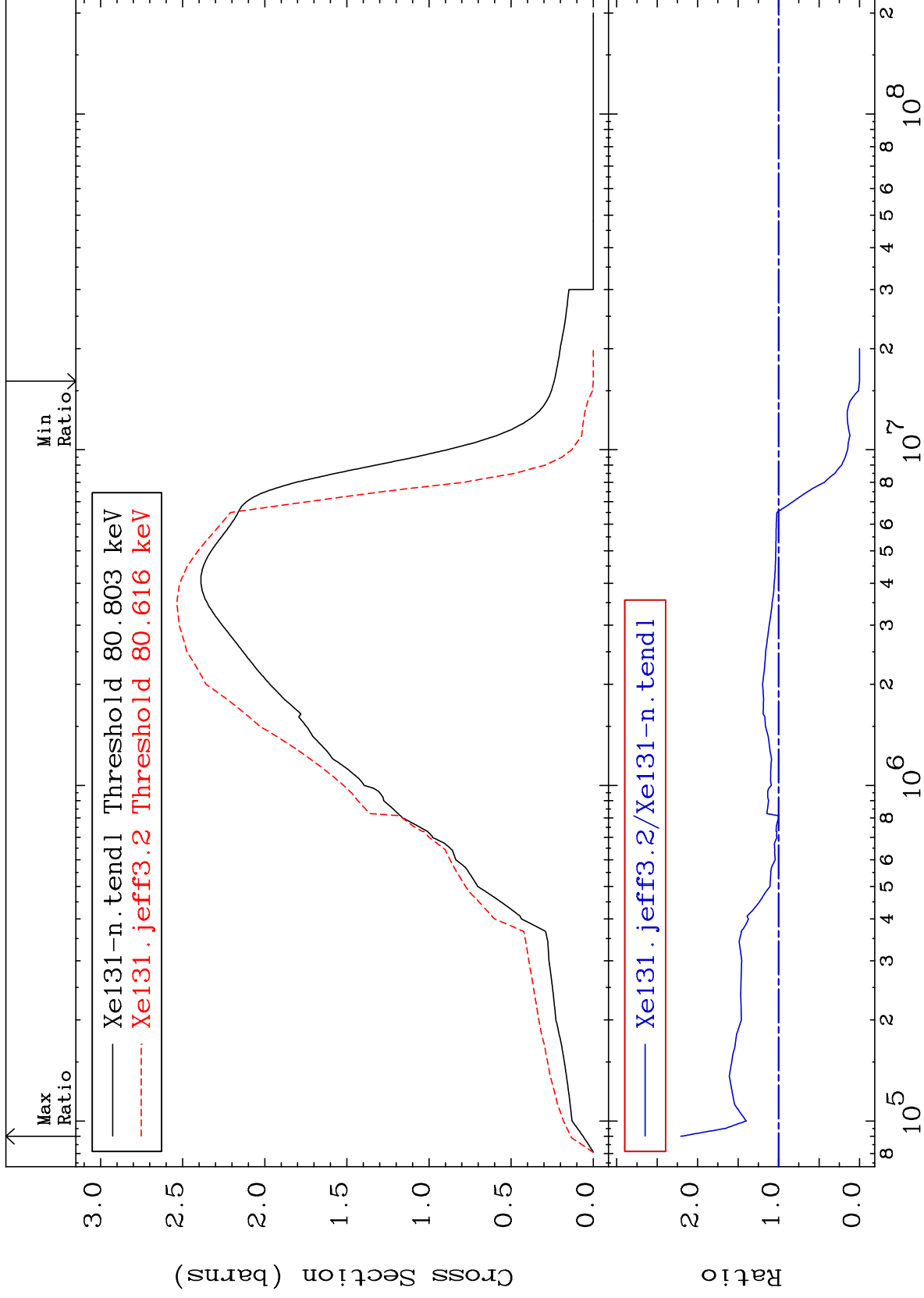
54-Xe-131
-95.38 To 2527. %



MAT 5446

Inelastic
Cross Section

54-Xe-131
-100.0 To 120.8 %



3

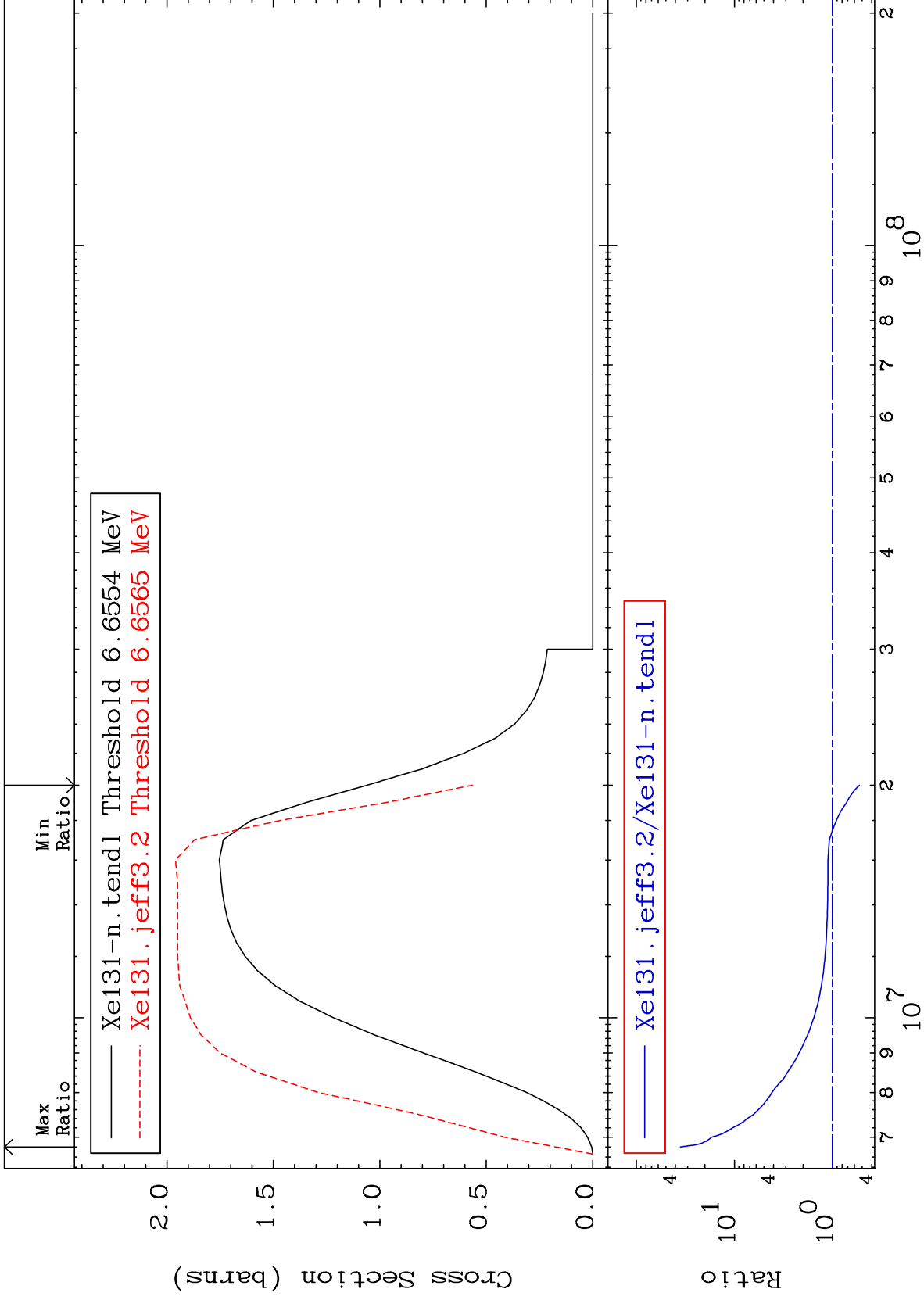
Incident Energy (eV)

54-Xe-131

MAT 5446

(n,2n)
Cross Section

54-Xe-131
-46.69 To 3461. %



4

Incident Energy (eV)

54-Xe-131

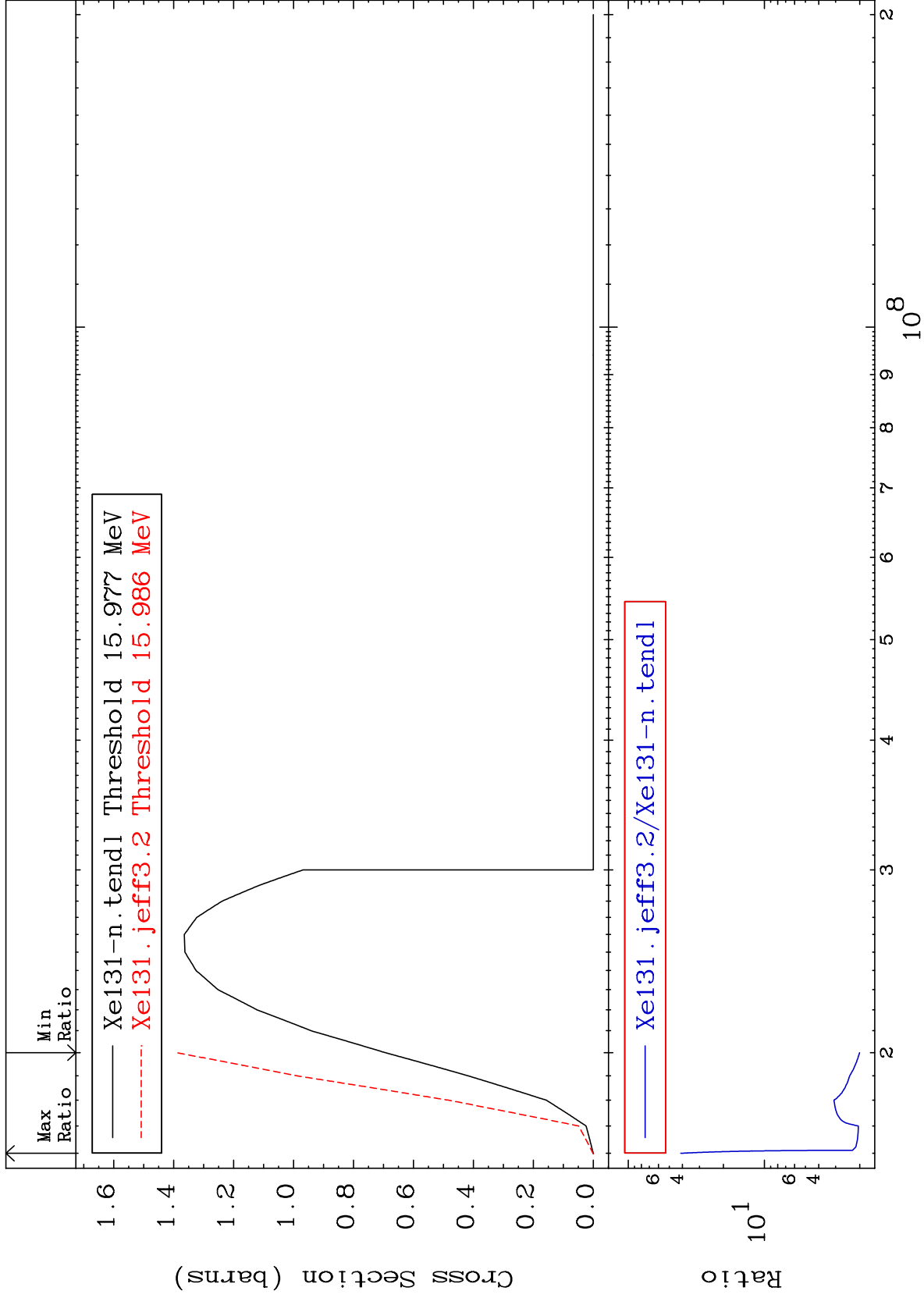
MAT 5446

(n,3n)

54-Xe-131

Cross Section

100.5 To 4014. %



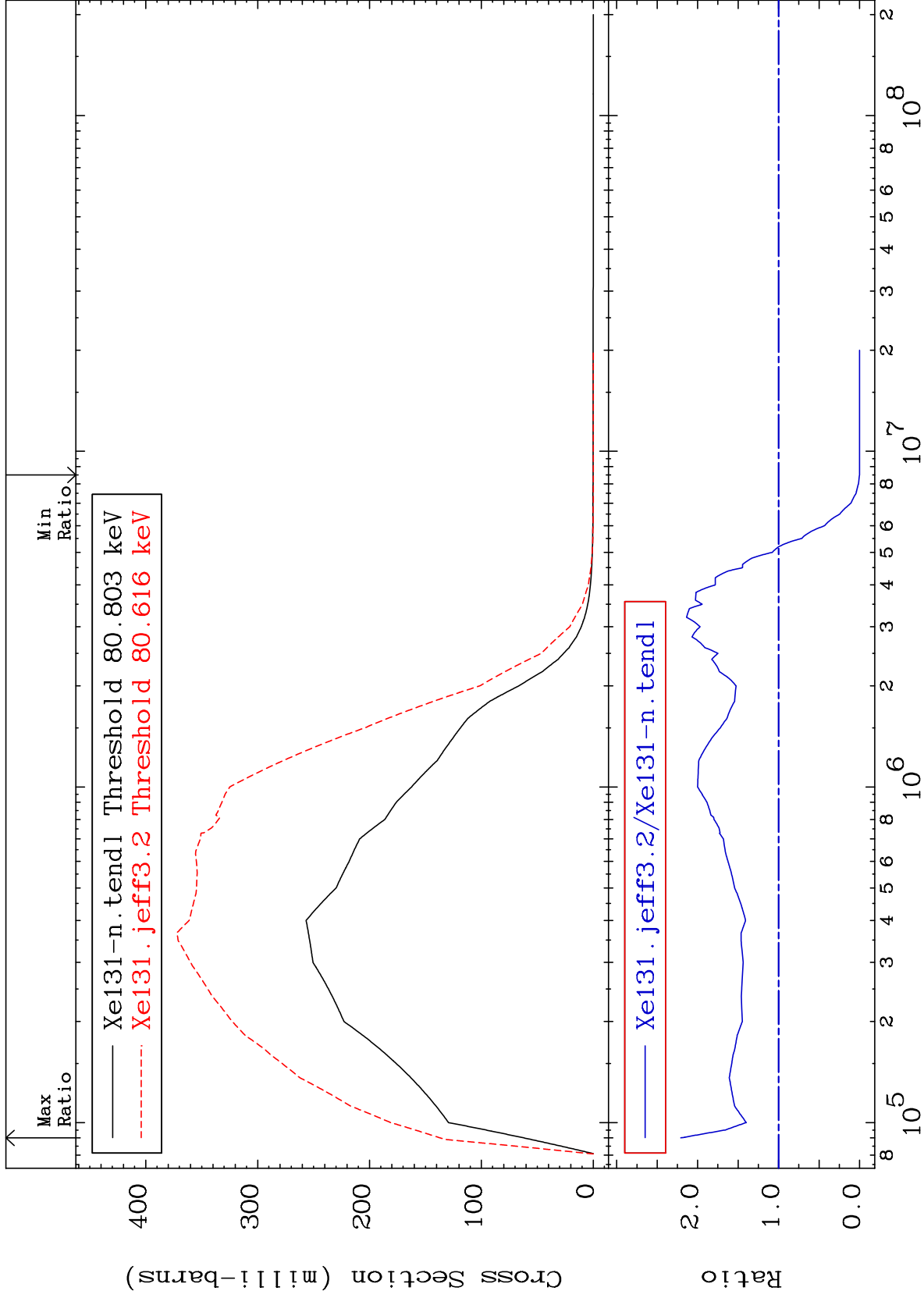
MAT 5446

80.18 keV (n,n') Level

54-Xe-131

-100.0 To 120.8 %

Cross Section



6

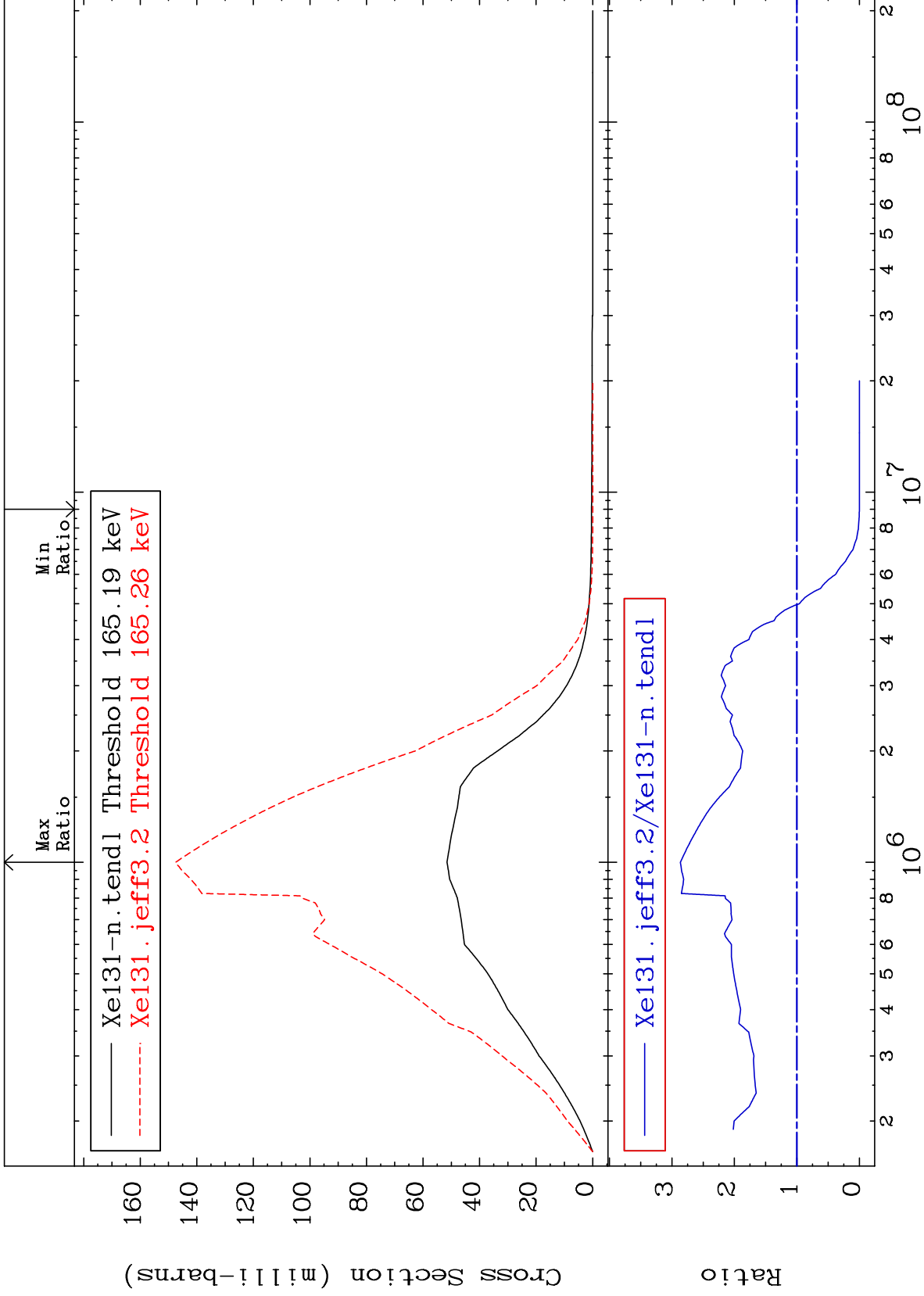
Incident Energy (eV)

54-Xe-131

MAT 5446

163.9 keV (n,n') Level
Cross Section

54-Xe-131
-100.0 To 186.5 %



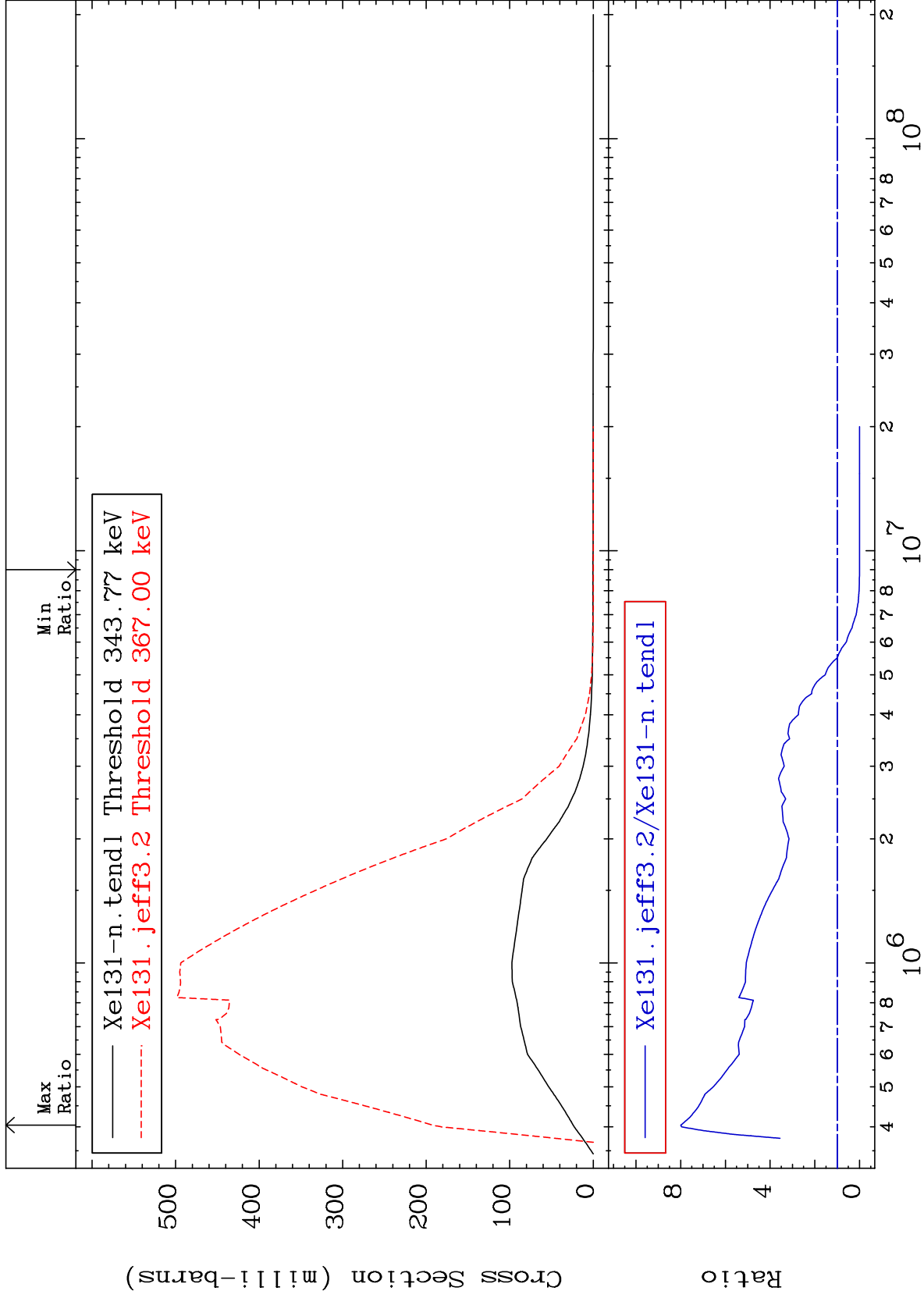
MAT 5446

341.1 keV (n,n') Level

54-Xe-131

-100.0 To 699.5 %

Cross Section



8

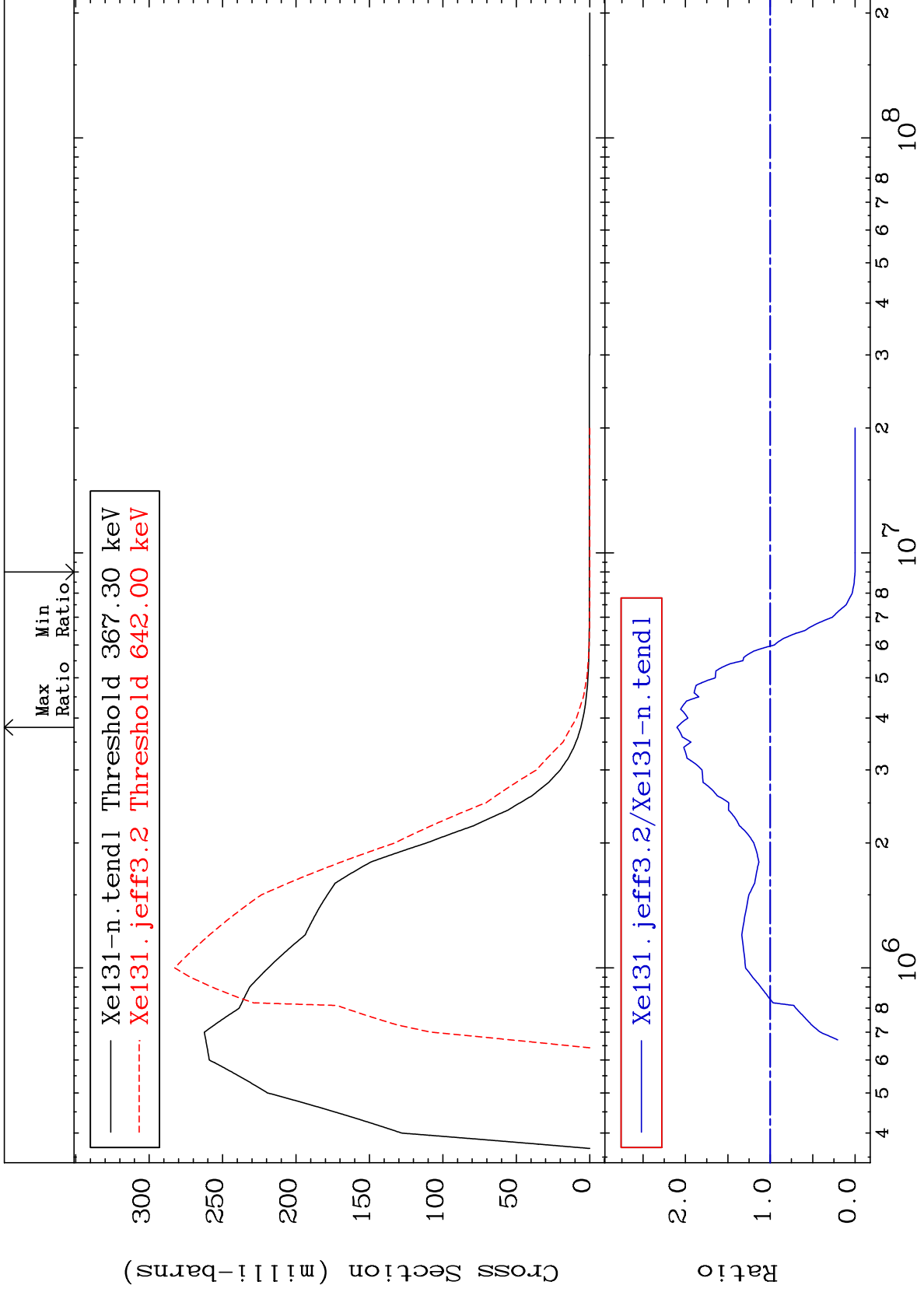
Incident Energy (eV)

54-Xe-131

MAT 5446

364.5 keV (n,n') Level
Cross Section

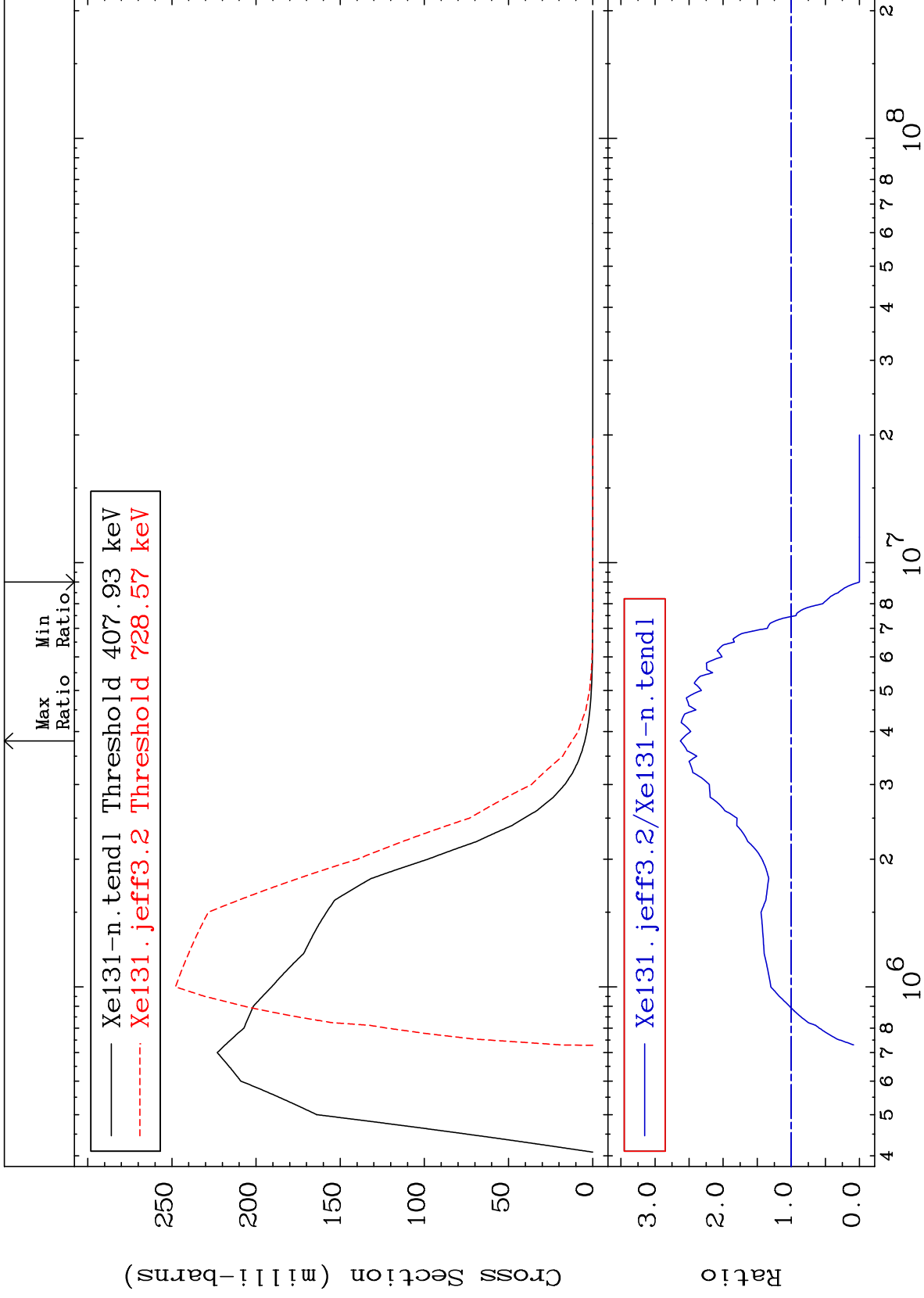
54-Xe-131
-100.0 To 110.1 %



MAT 5446

404.8 keV (n,n') Level
Cross Section

54-Xe-131
-100.0 To 162.8 %



10

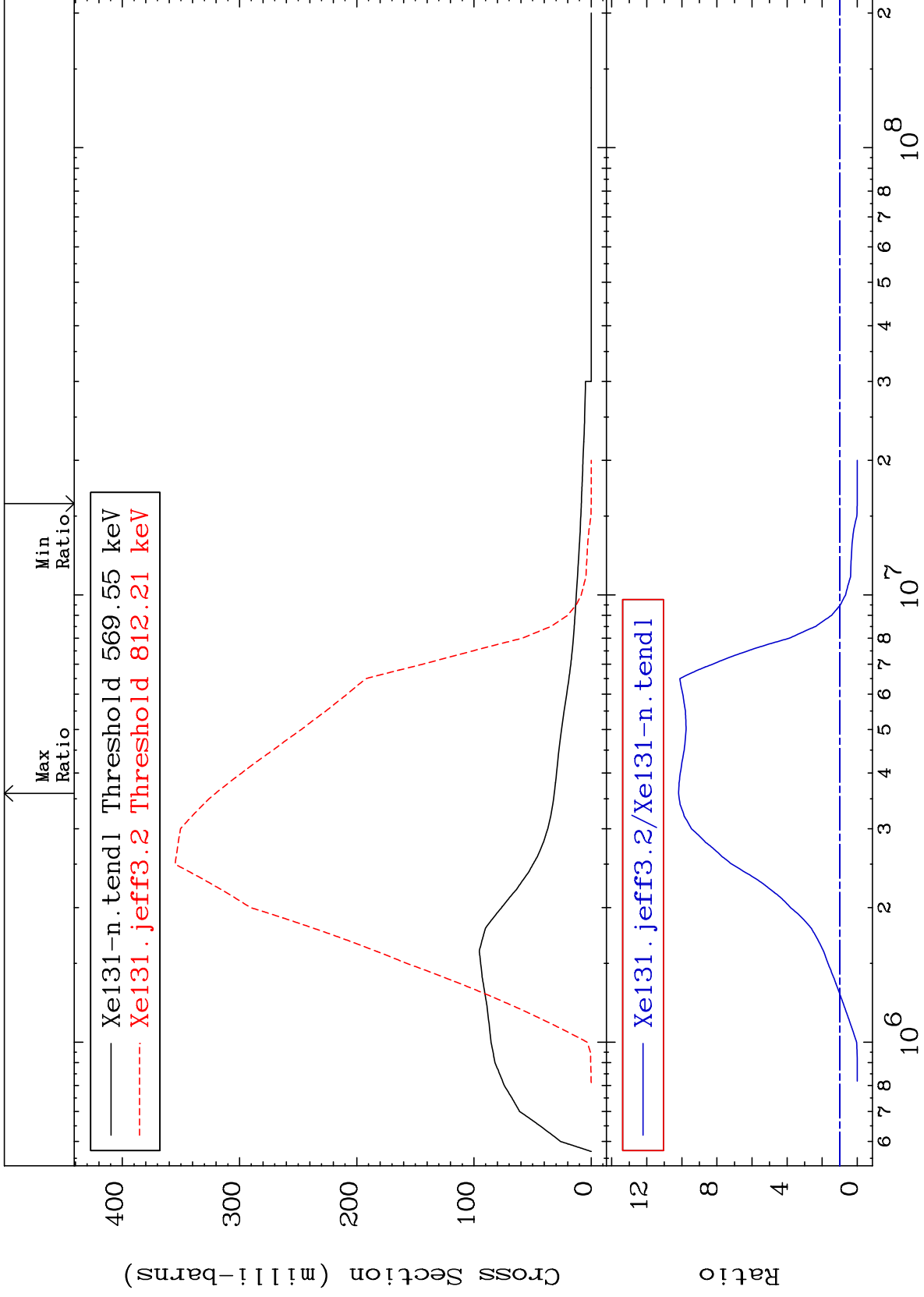
Incident Energy (eV)

54-Xe-131

MAT 5446

565.2 keV (n,n') Level
Cross Section

54-Xe-131
-100.0 To 918.3 %



11

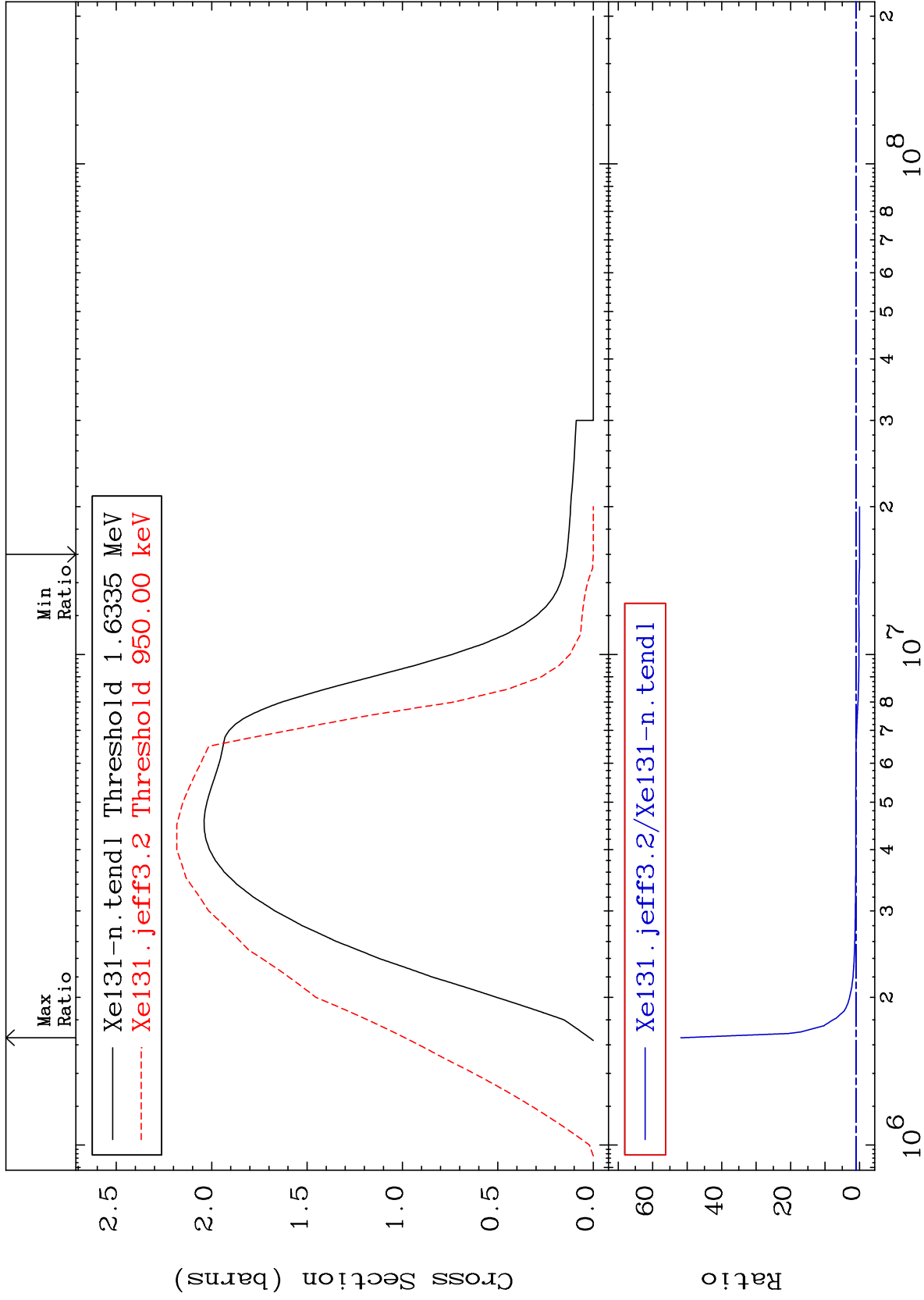
Incident Energy (eV)

54-Xe-131

MAT 5446

(n, n') Continuum
Cross Section

54-Xe-131
-100.0 To 5085. %



12

Incident Energy (eV)

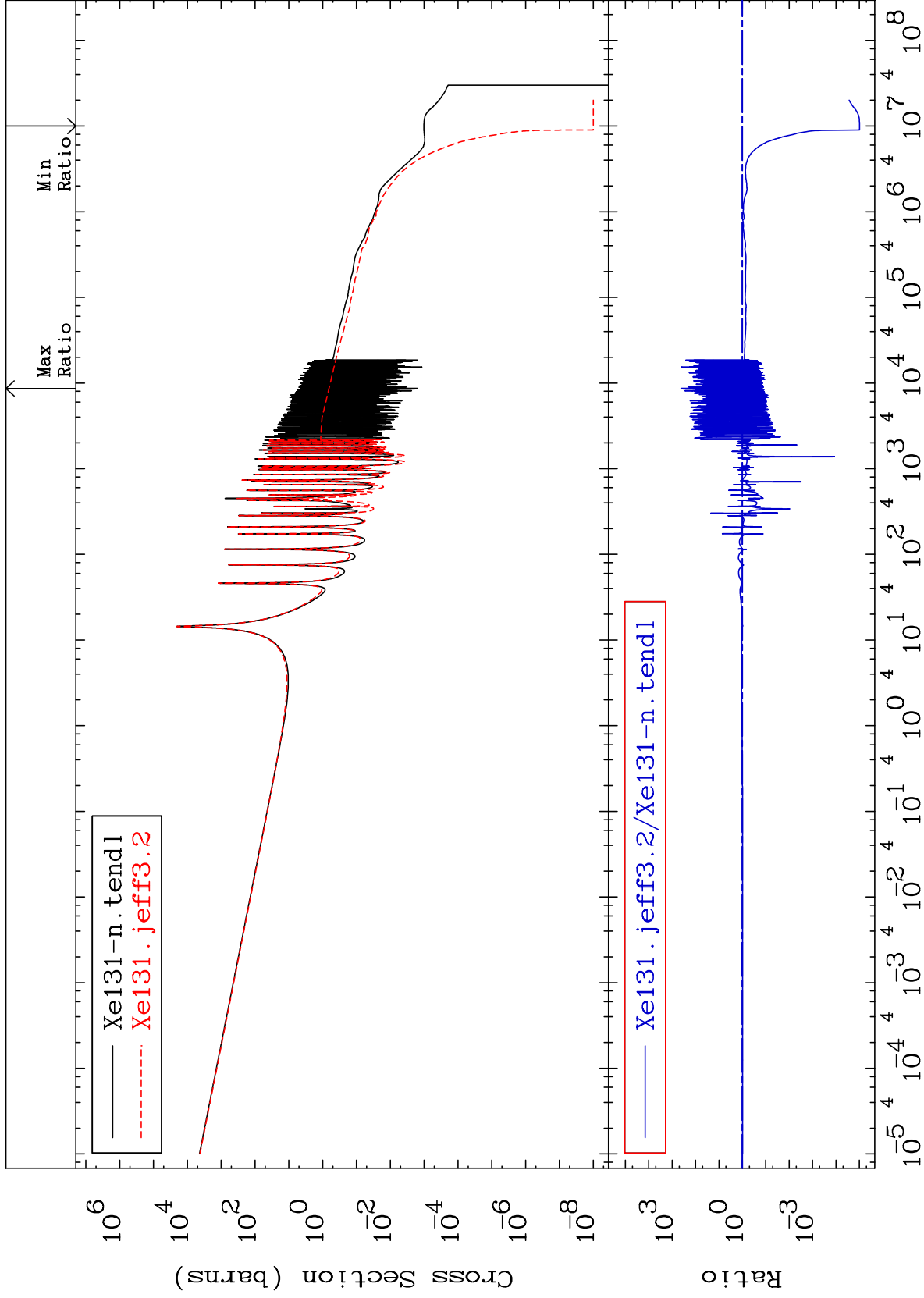
54-Xe-131

MAT 5446

54-Xe-131

(n, γ)
Cross Section

-100.0 To 9999. %



Incident Energy (eV)

54-Xe-131

13

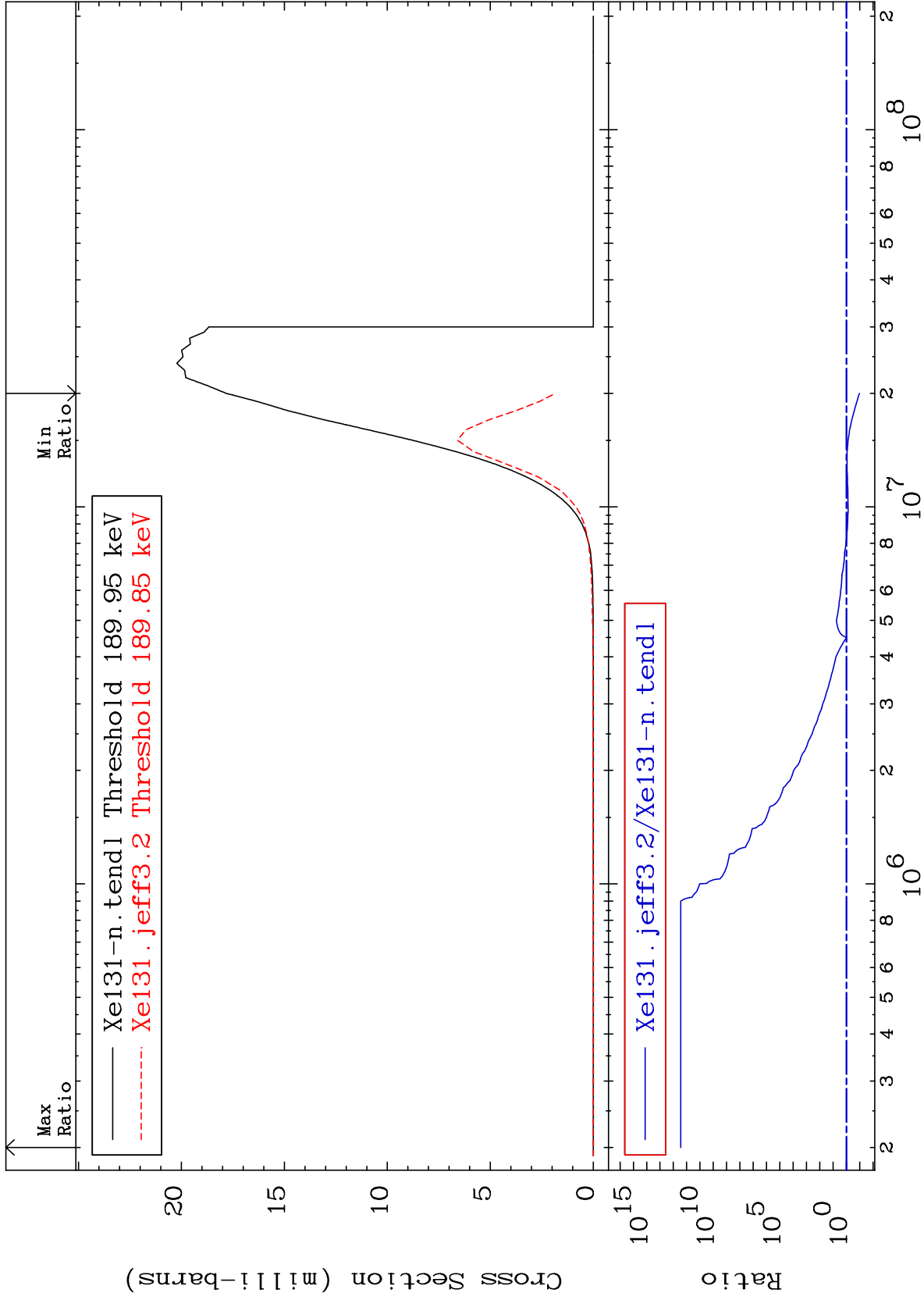
MAT 5446

(n,p)

54-Xe-131

Cross Section

-89.80 To 9999. %



14

Incident Energy (eV)

54-Xe-131

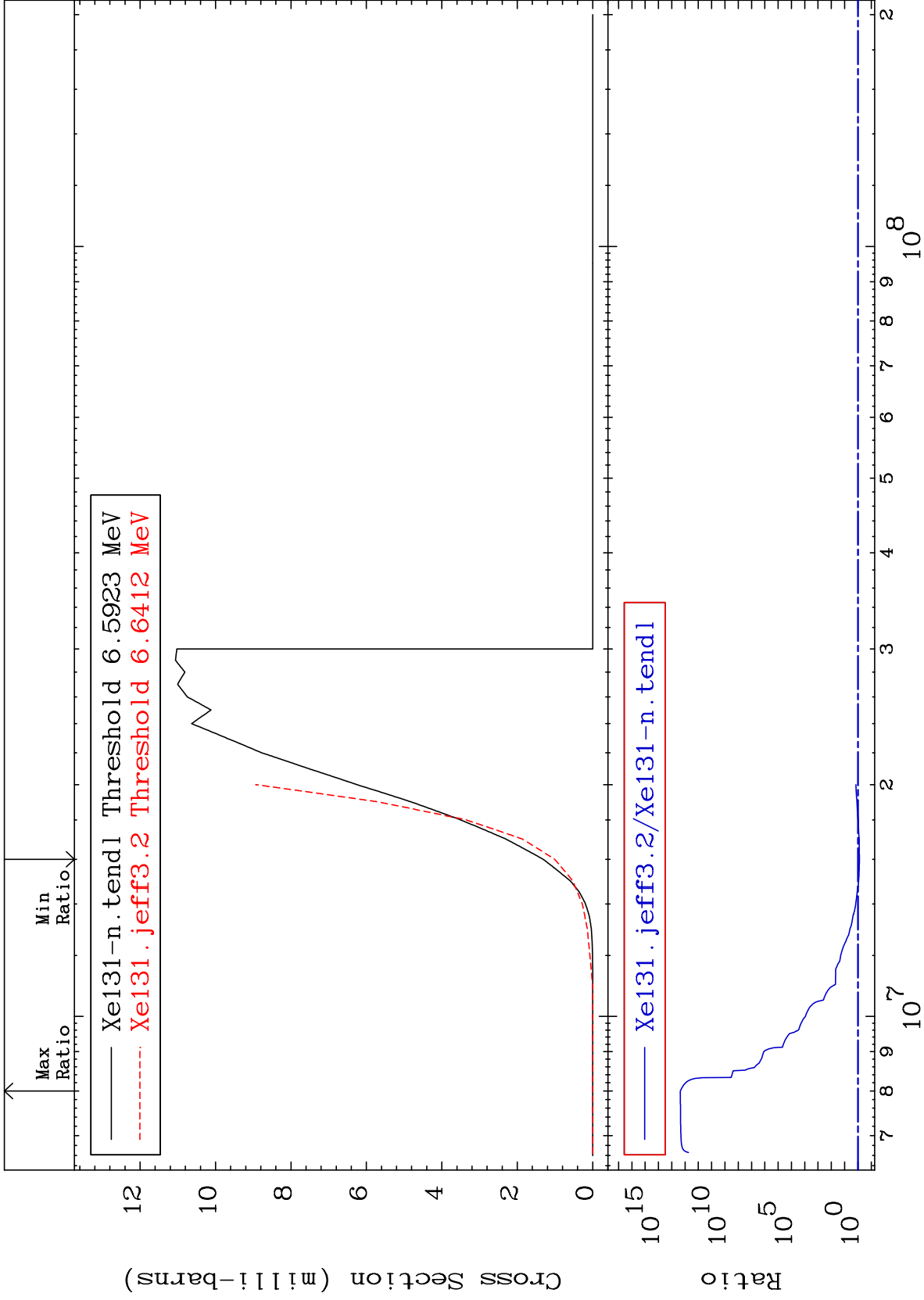
MAT 5446

(n, d)

54-Xe-131

Cross Section

-23.06 To 9999. %



15

Incident Energy (eV)

54-Xe-131

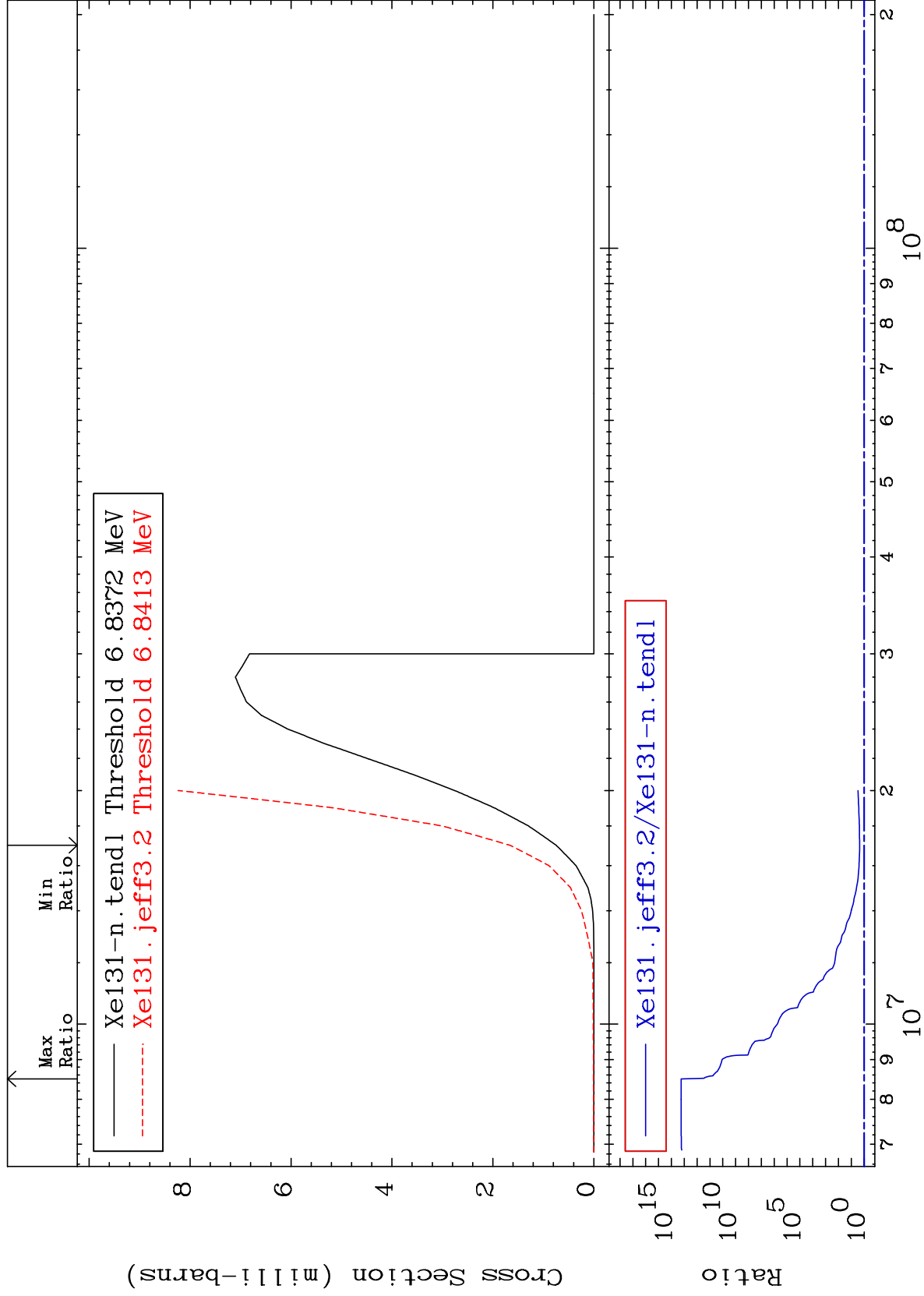
MAT 5446

(n, t)

54-Xe-131

Cross Section

122.7 To 9999. %



16

Incident Energy (eV)

54-Xe-131

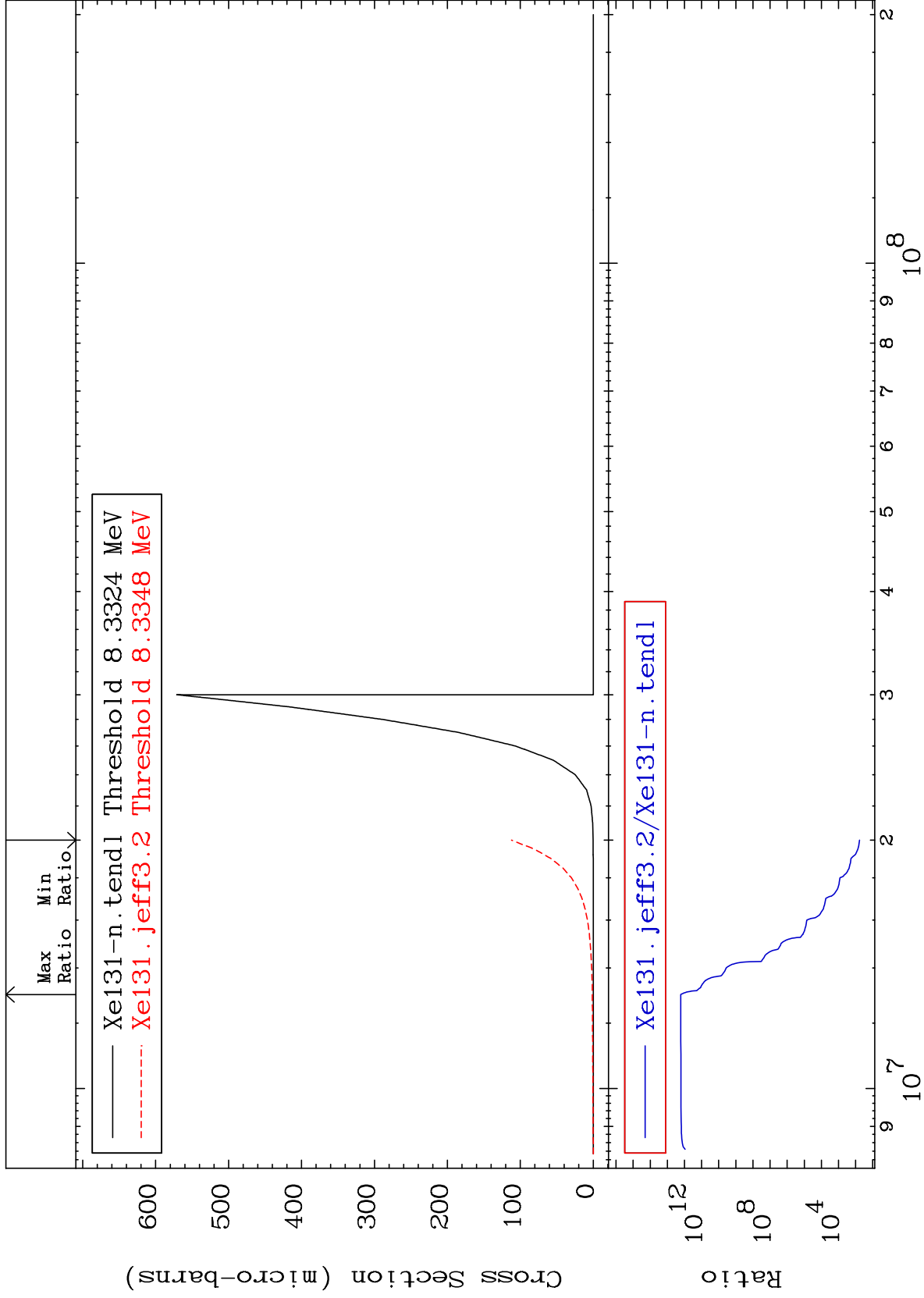
MAT 5446

(n, He-3)

54-Xe-131

Cross Section

9999. To 9999. %



17

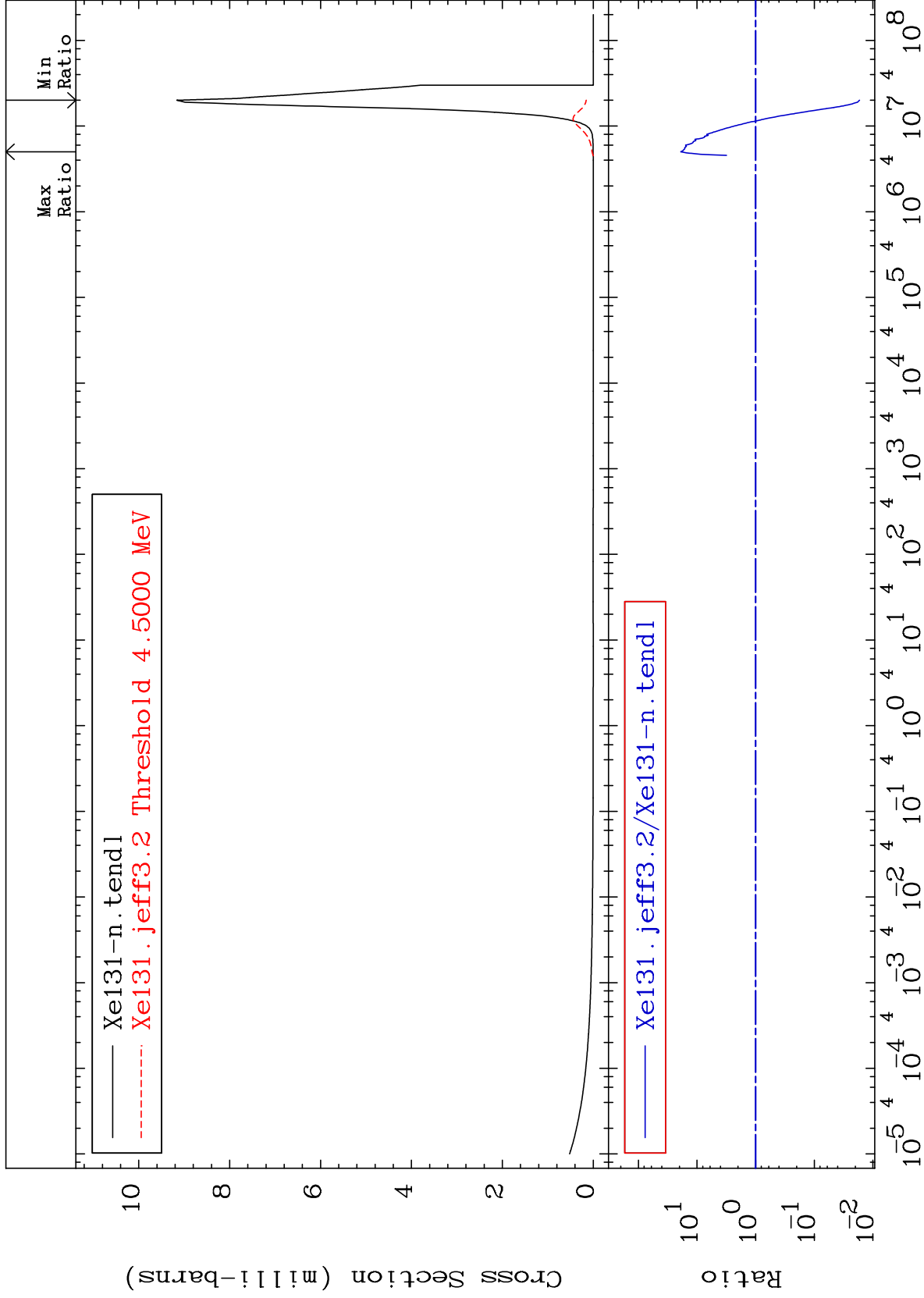
Incident Energy (eV)

54-Xe-131

MAT 5446

(n, α)
Cross Section

54-Xe-131
-98.31 To 1796. %



18

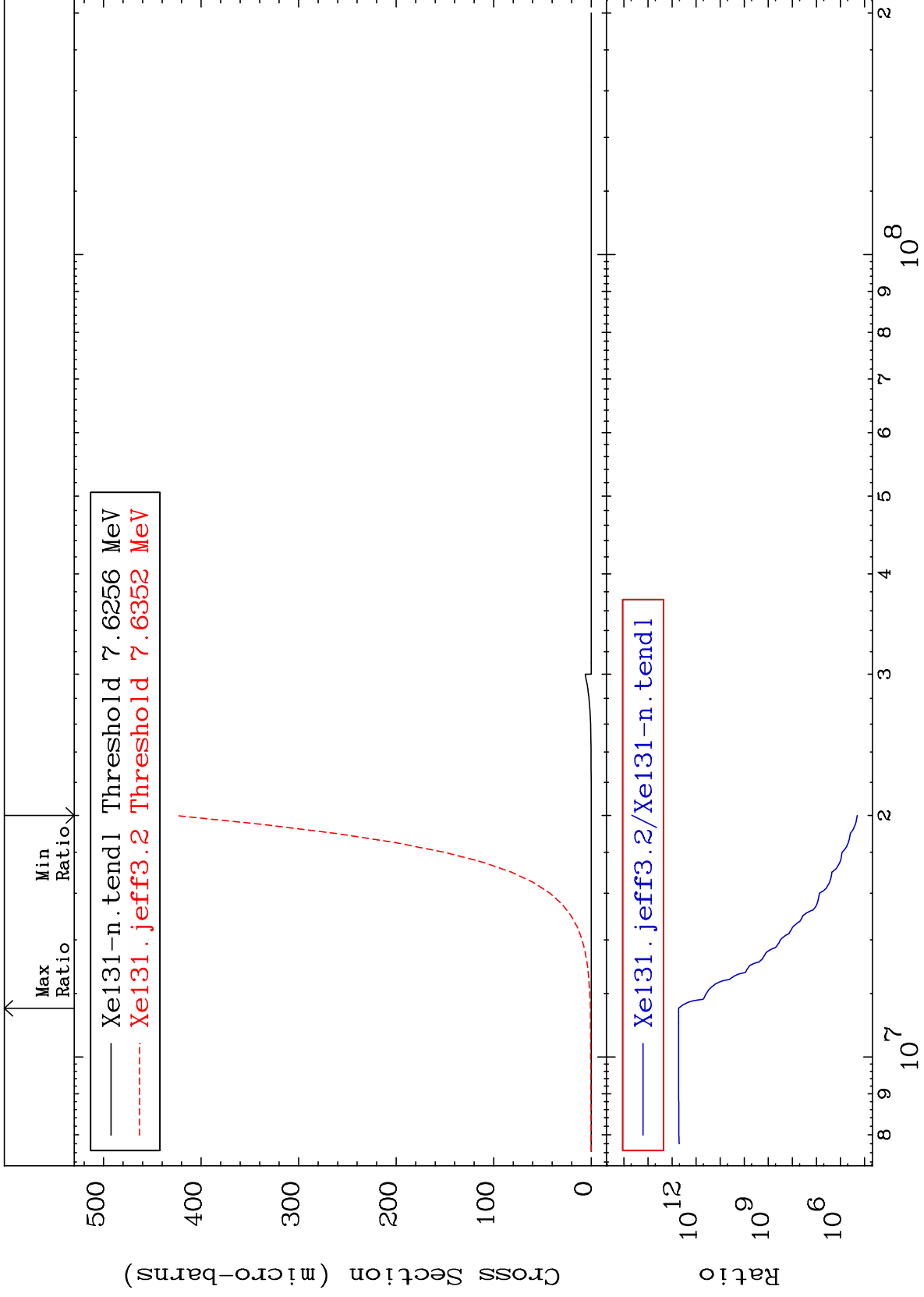
Incident Energy (eV)

54-Xe-131

MAT 5446

(n,2p)
Cross Section

54-Xe-131
To 9999. %



19

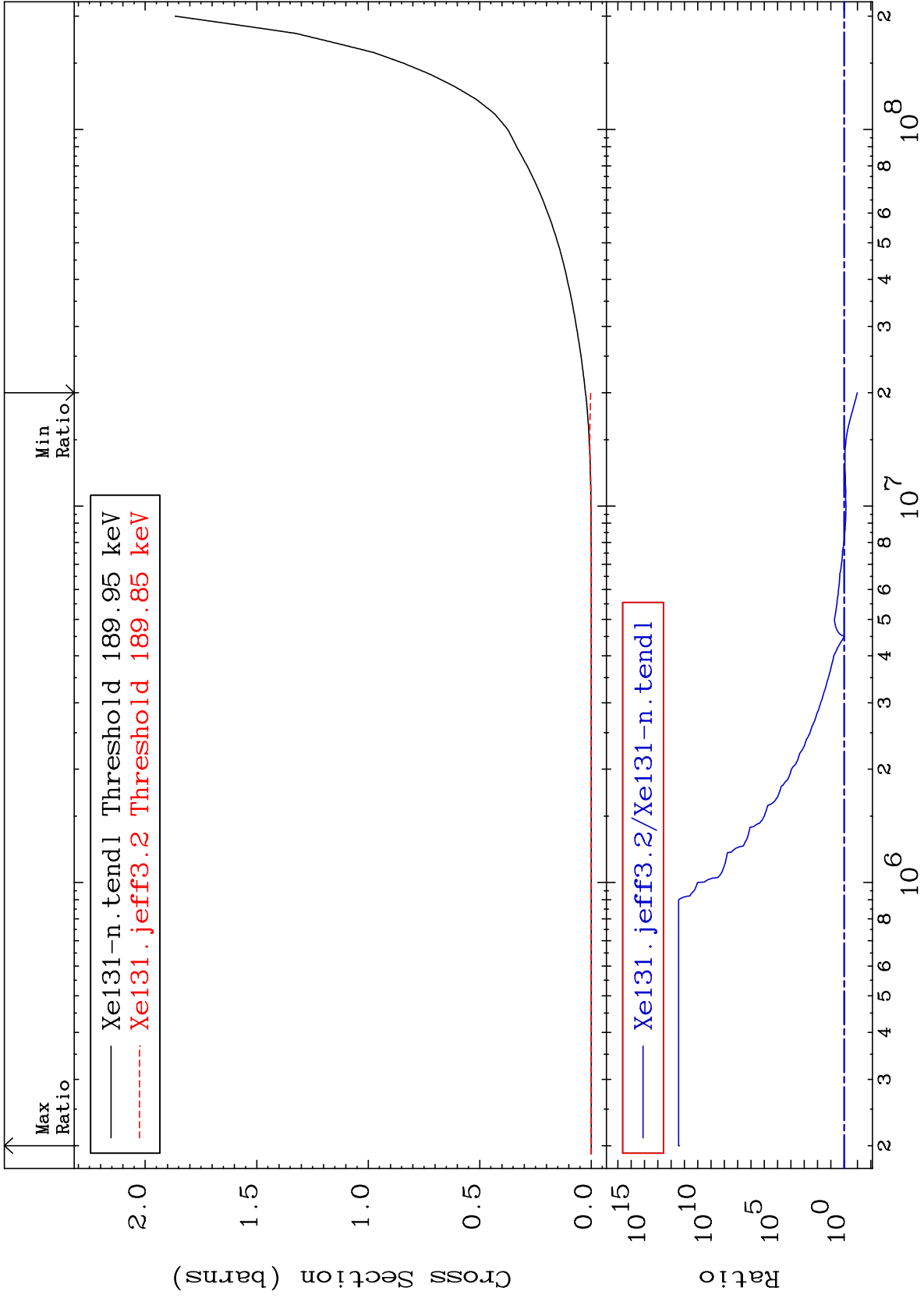
Incident Energy (eV)

54-Xe-131

MAT 5446

Hydrogen Production
Cross Section

54-Xe-131
-89.54 To 9999. %



20

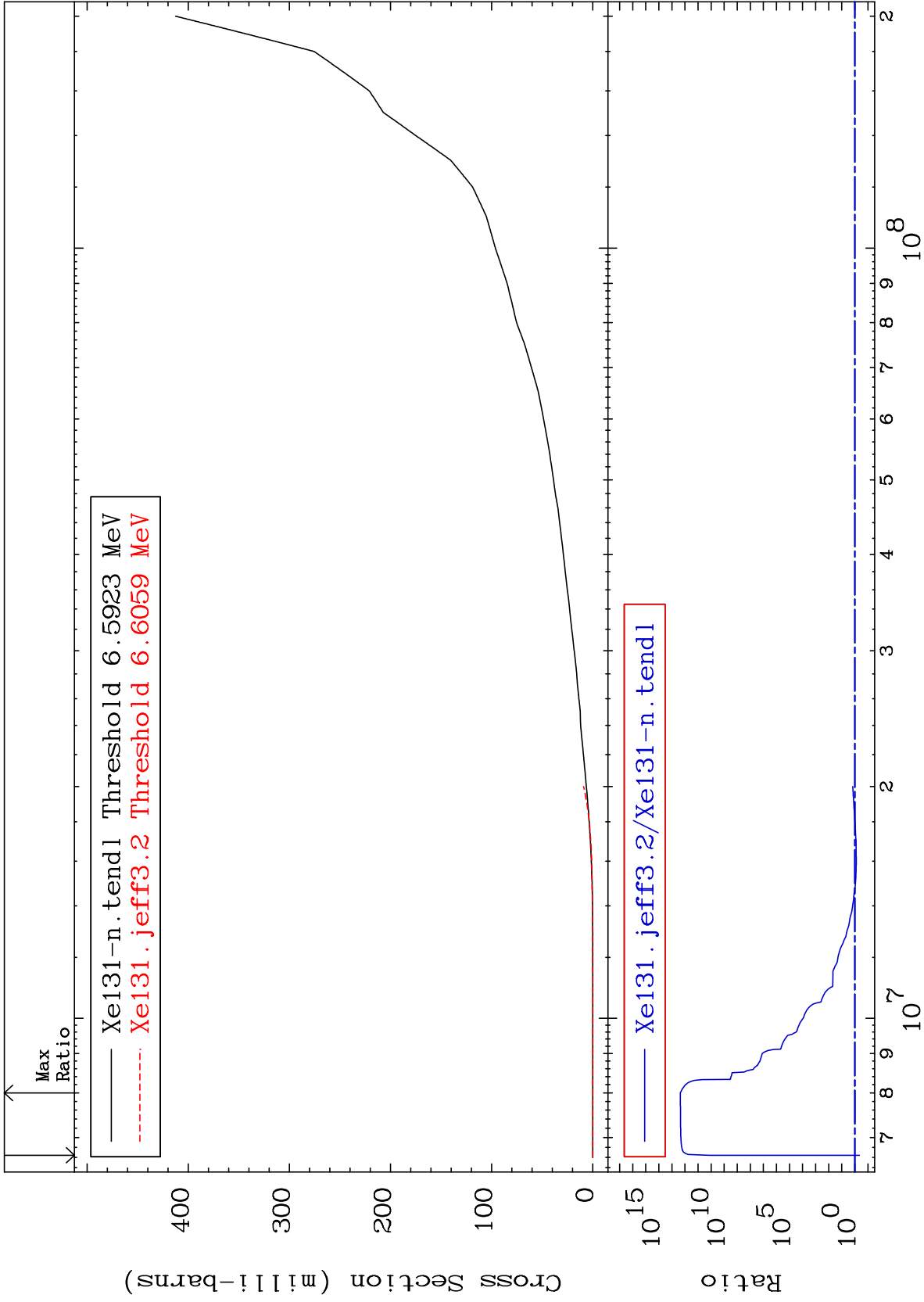
Incident Energy (eV)

54-Xe-131

MAT 5446

Deuterium Production
Cross Section

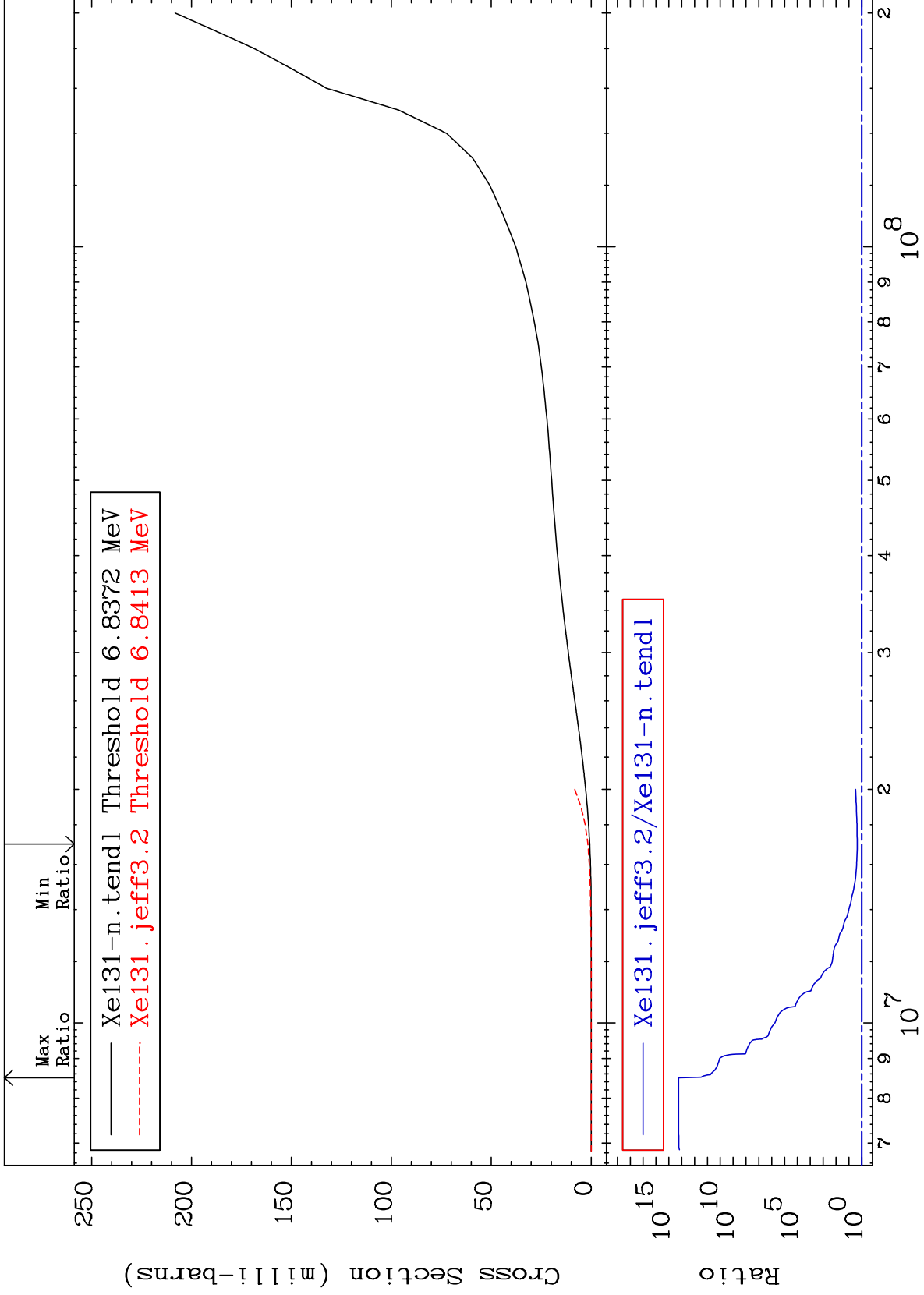
54-Xe-131
-55.72 To 9999. %



MAT 5446

Tritium Production
Cross Section

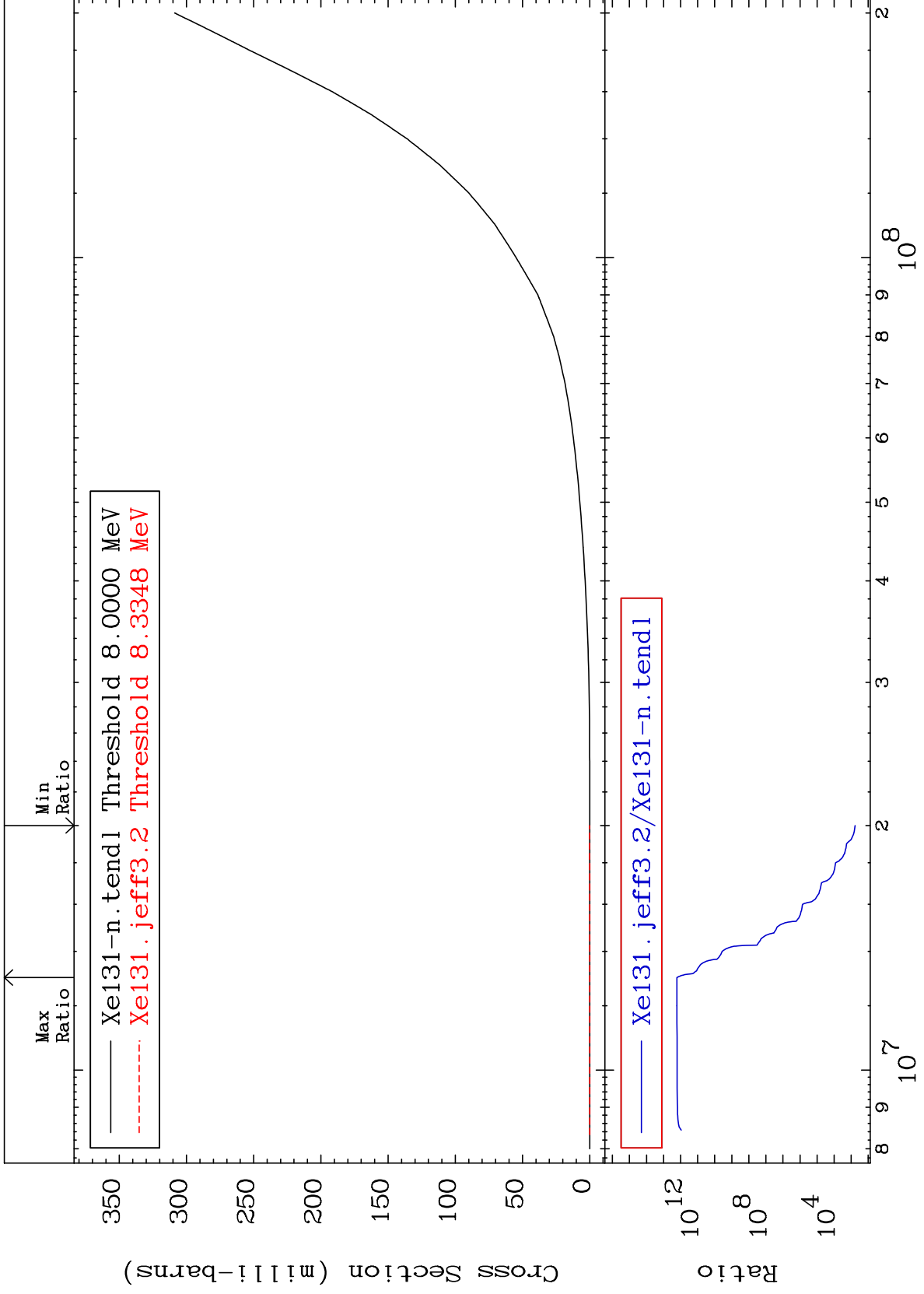
54-Xe-131
122.7 To 9999. %



MAT 5446

He-3 Production
Cross Section

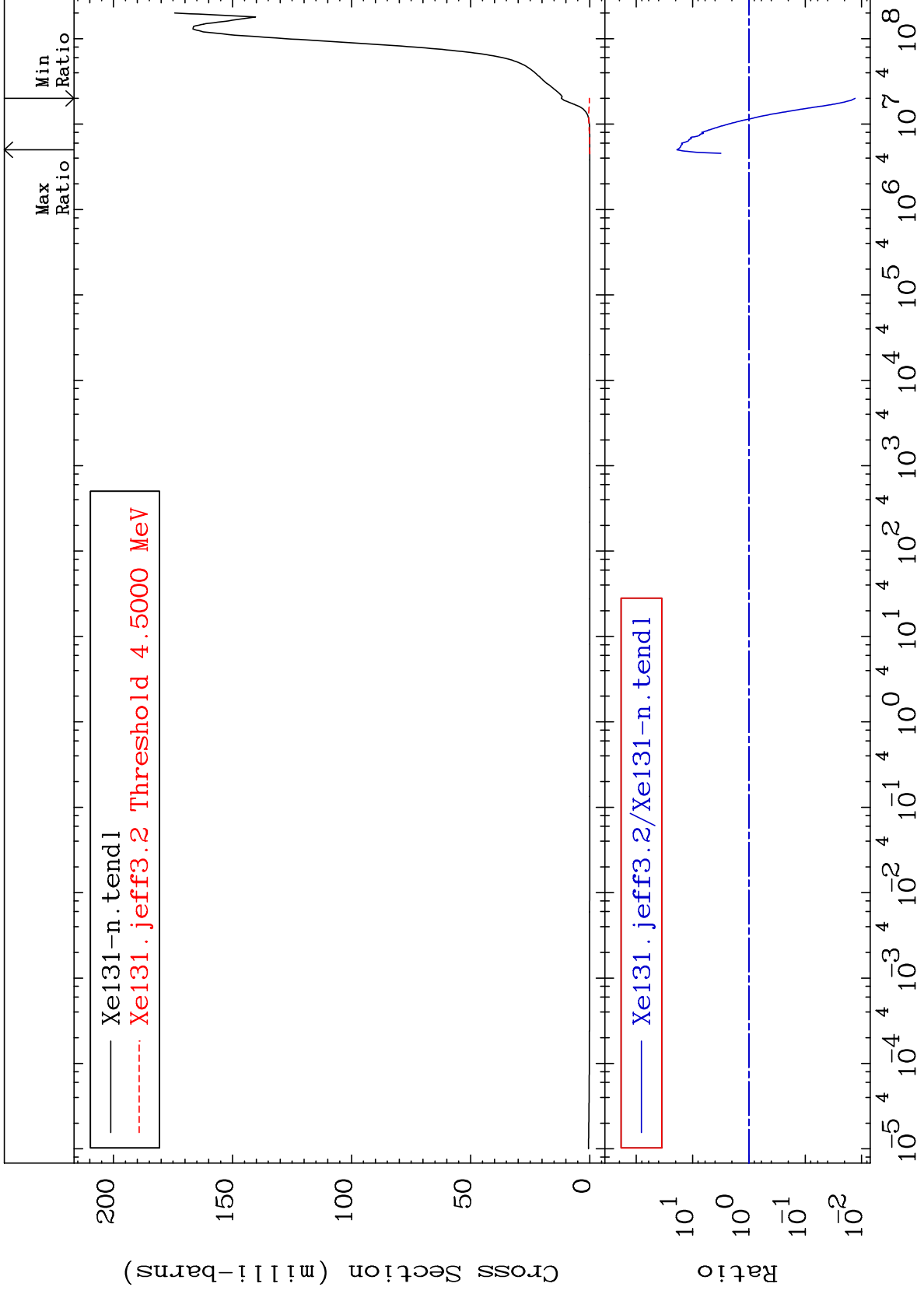
54-Xe-131
To 9999. %



MAT 5446

He-4 Production
Cross Section

54-Xe-131
-98.70 To 1796. %



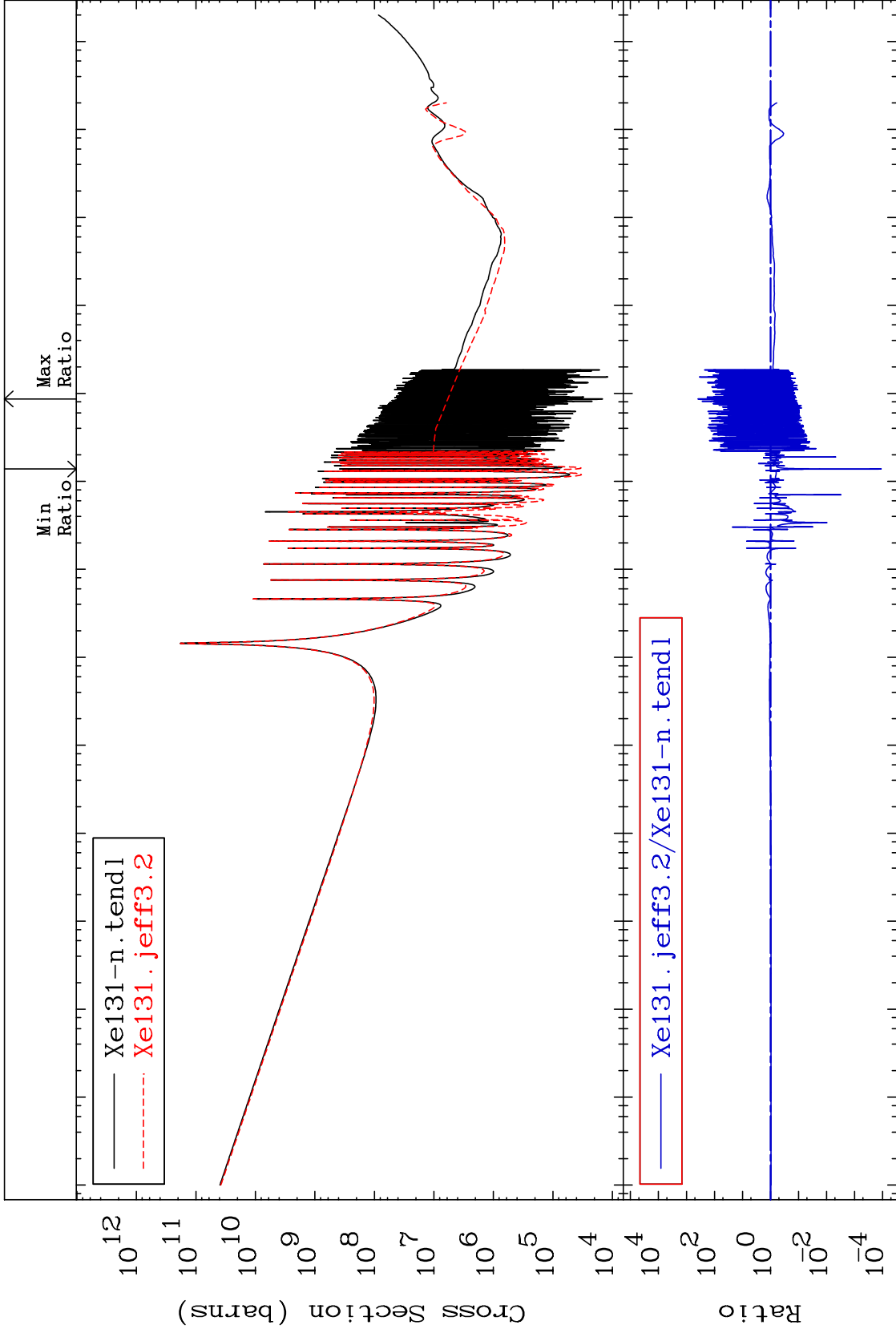
24

Incident Energy (eV)

54-Xe-131

Cross Section

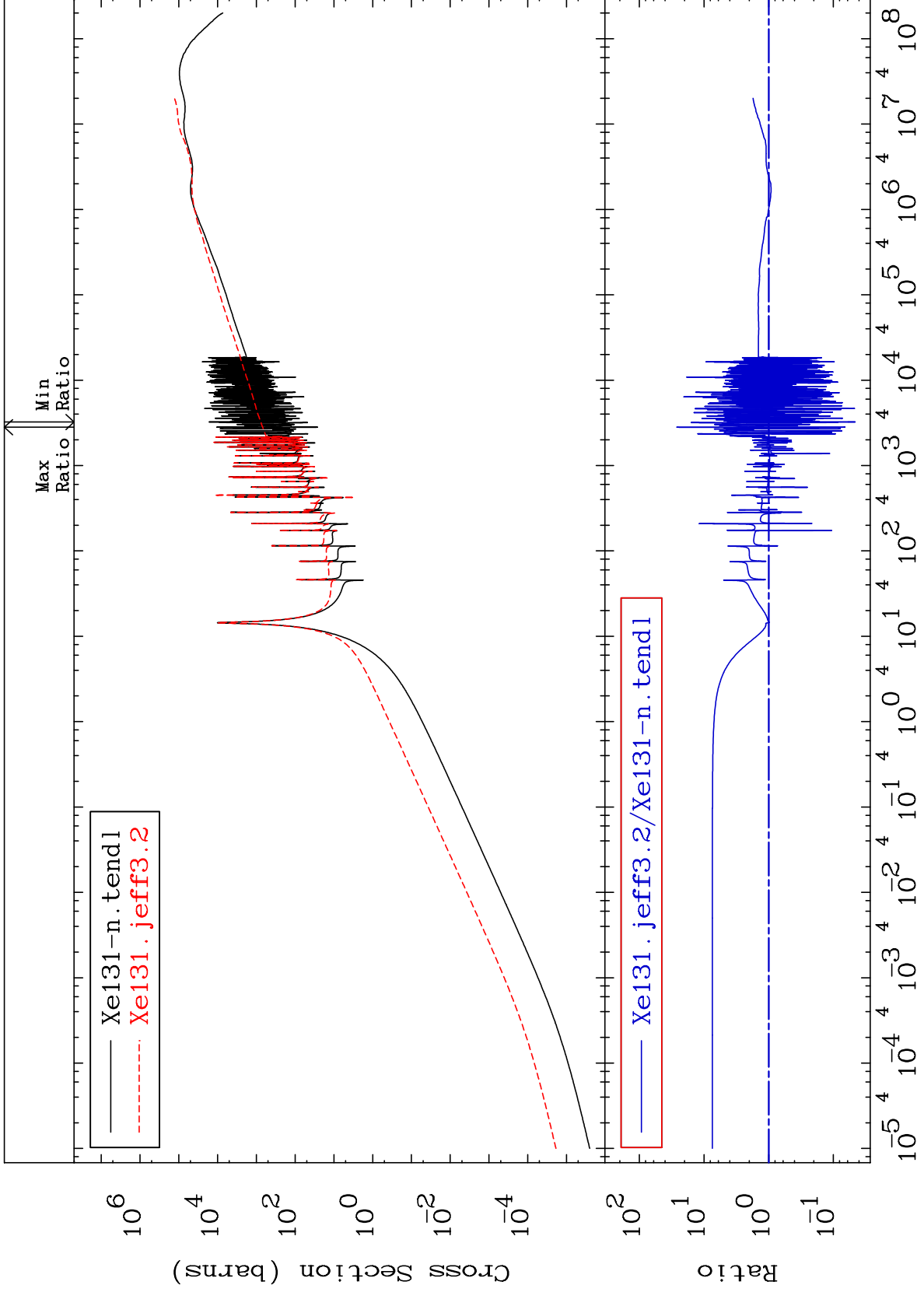
-99.99 To 9999. %

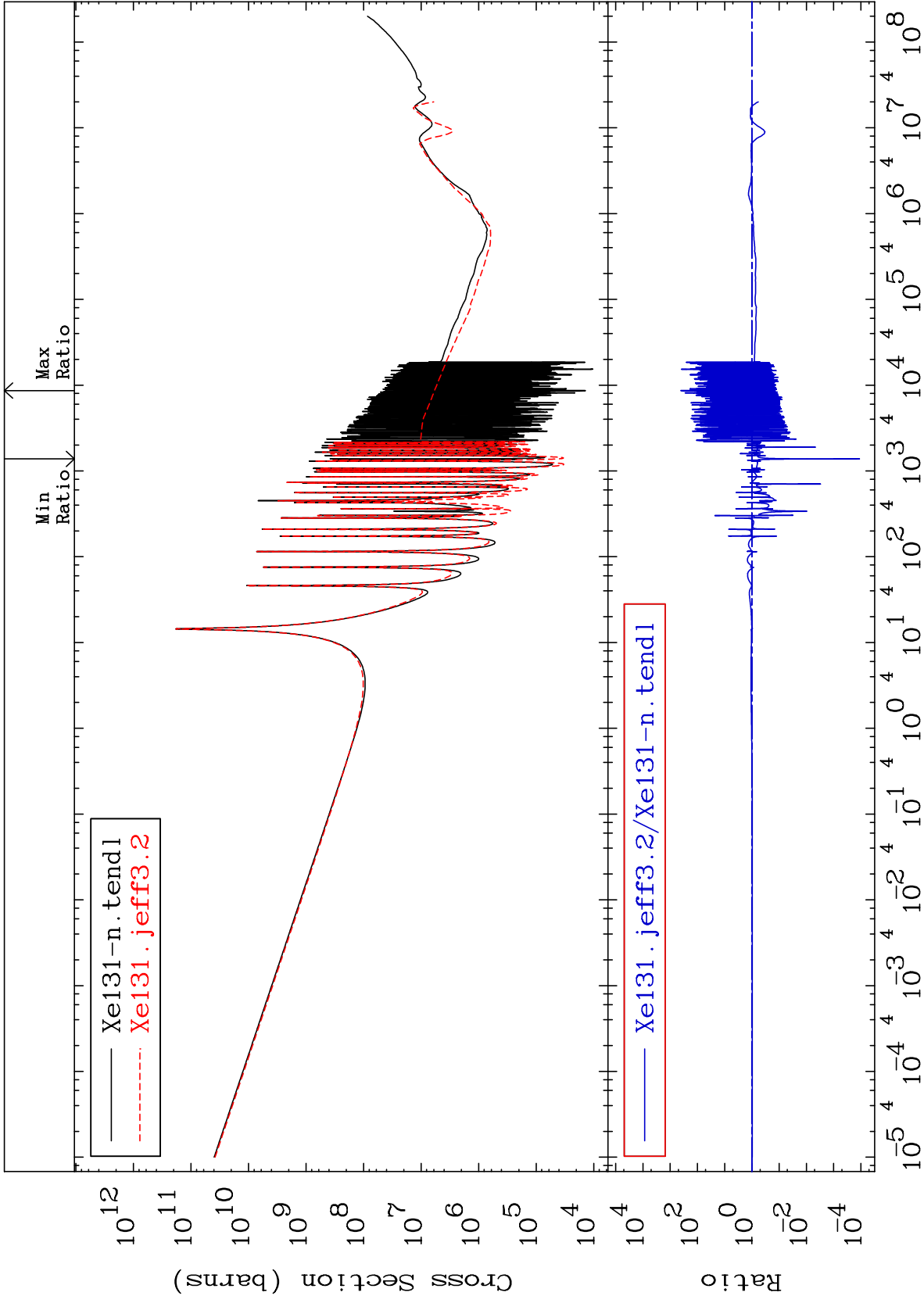


MAT 5446

Kerma elastic
Cross Section

54-Xe-131
-95.39 To 2526. %

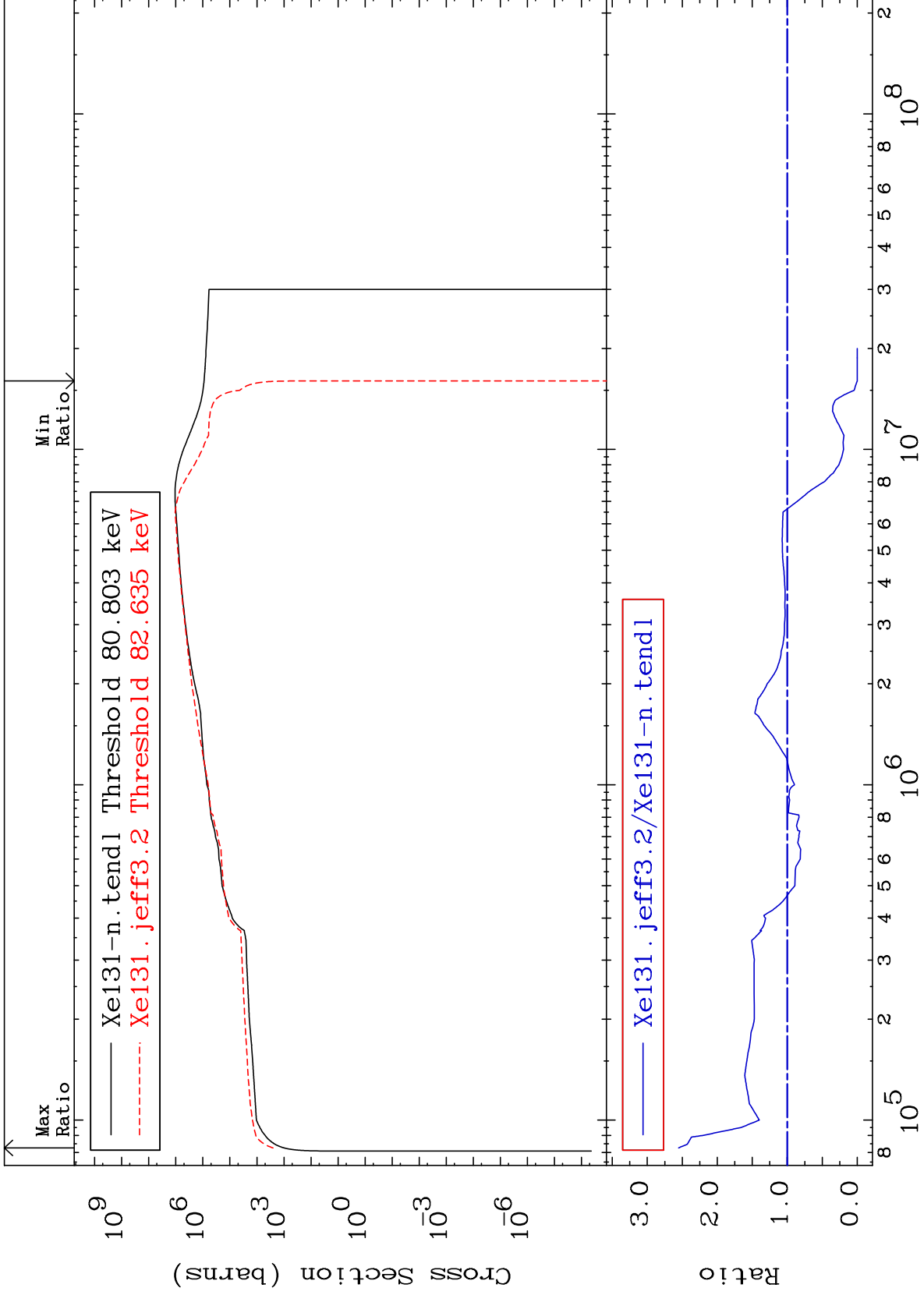




MAT 5446

Kerma inelastic (mt51-91)
Cross Section

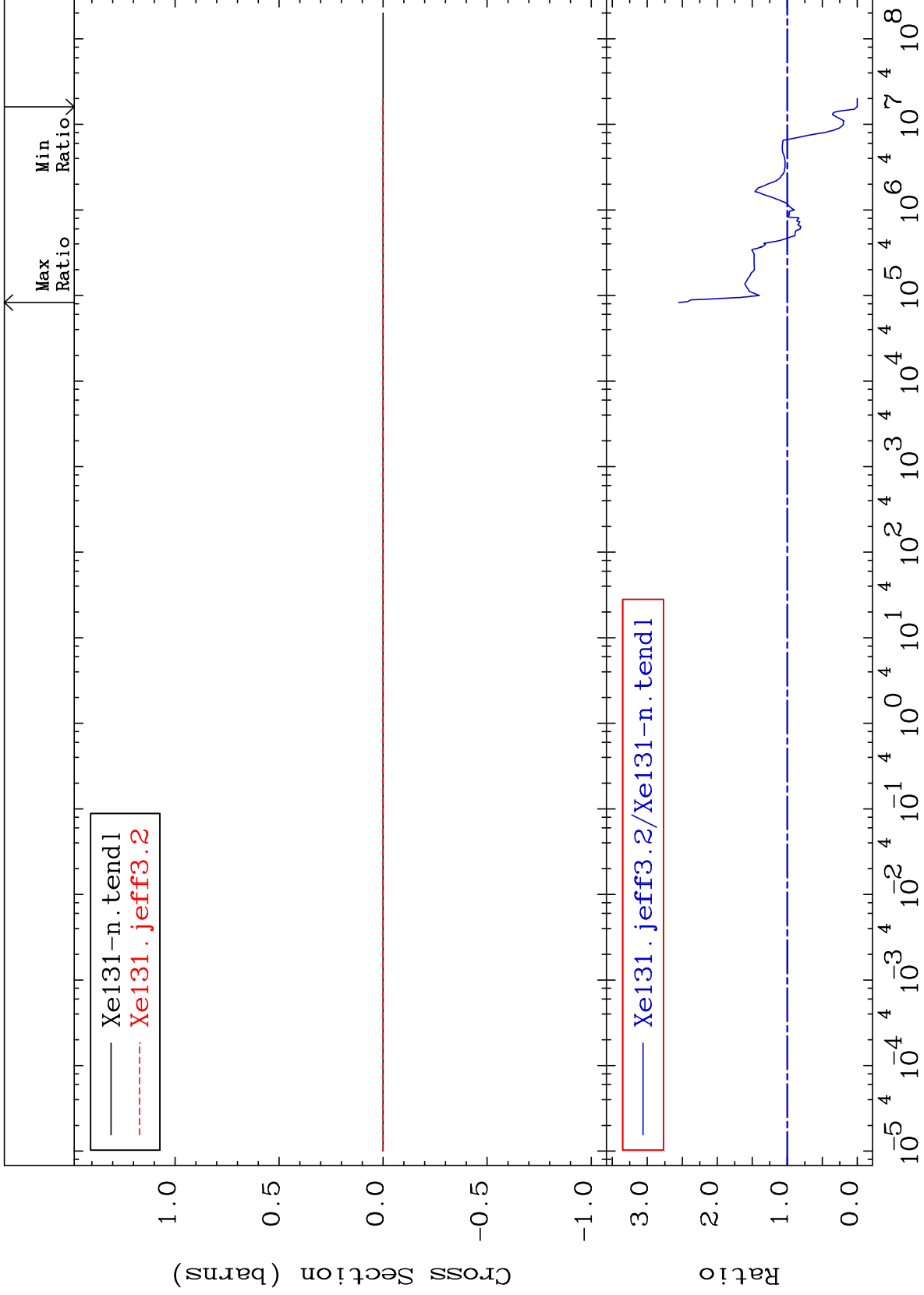
54-Xe-131
-100.0 To 155.2 %



MAT 5446

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

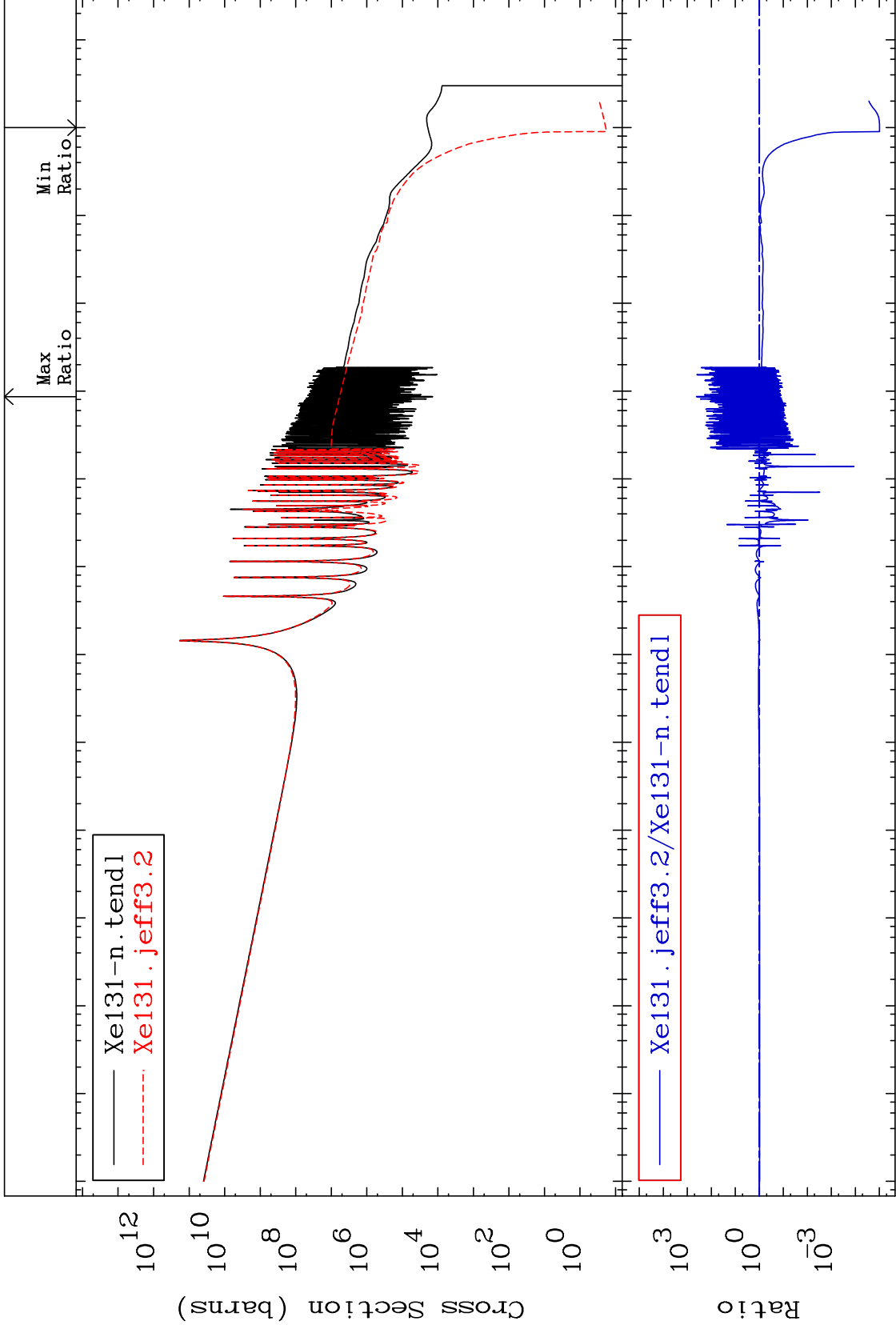
54-Xe-131
-100.0 To 155.2 %



MAT 5446

Kerma capture (mt102)
Cross Section

54-Xe-131
-100.0 To 9999. %



30

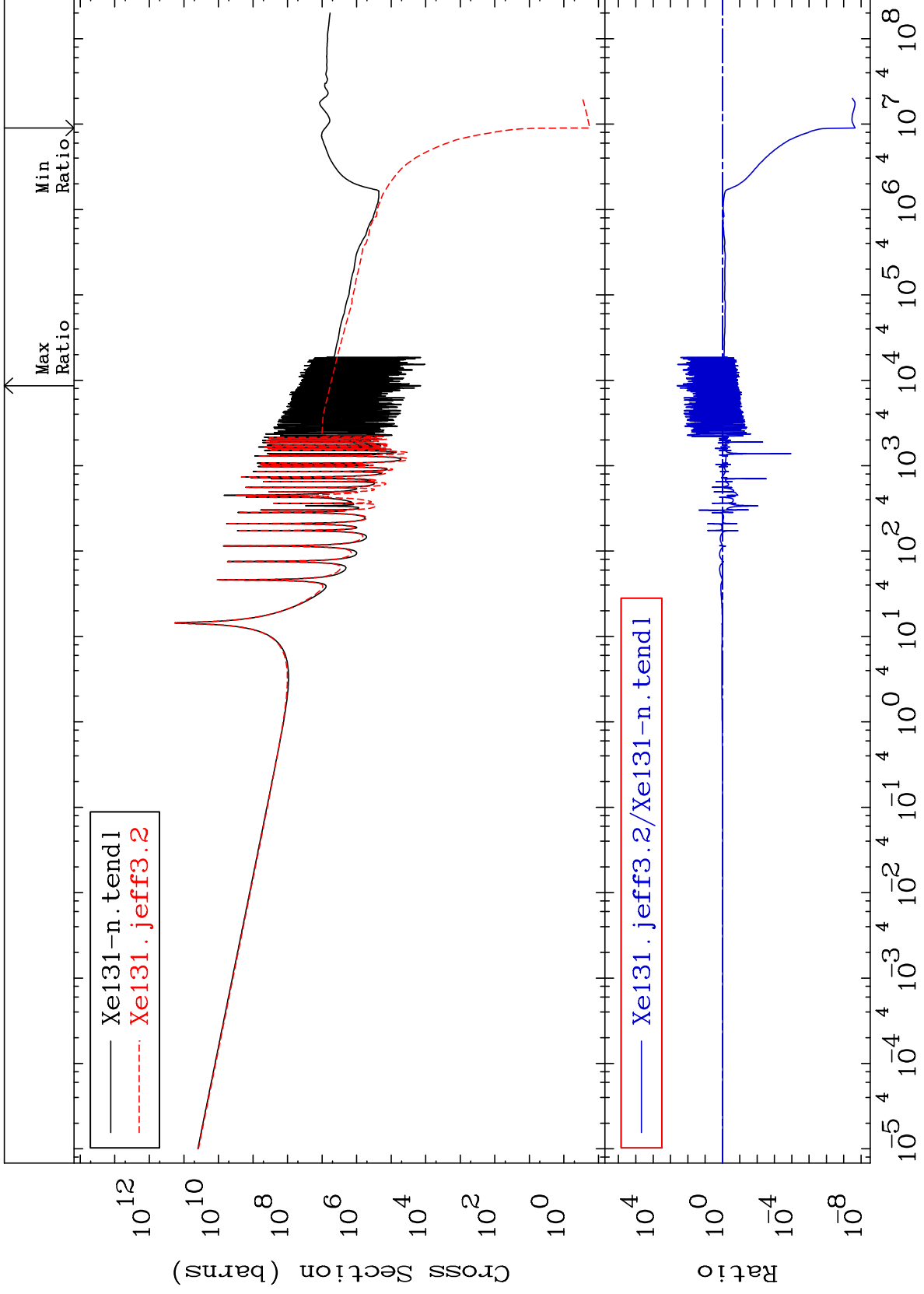
Incident Energy (eV)

54-Xe-131

MAT 5446

Total photon (eV-barns)
Cross Section

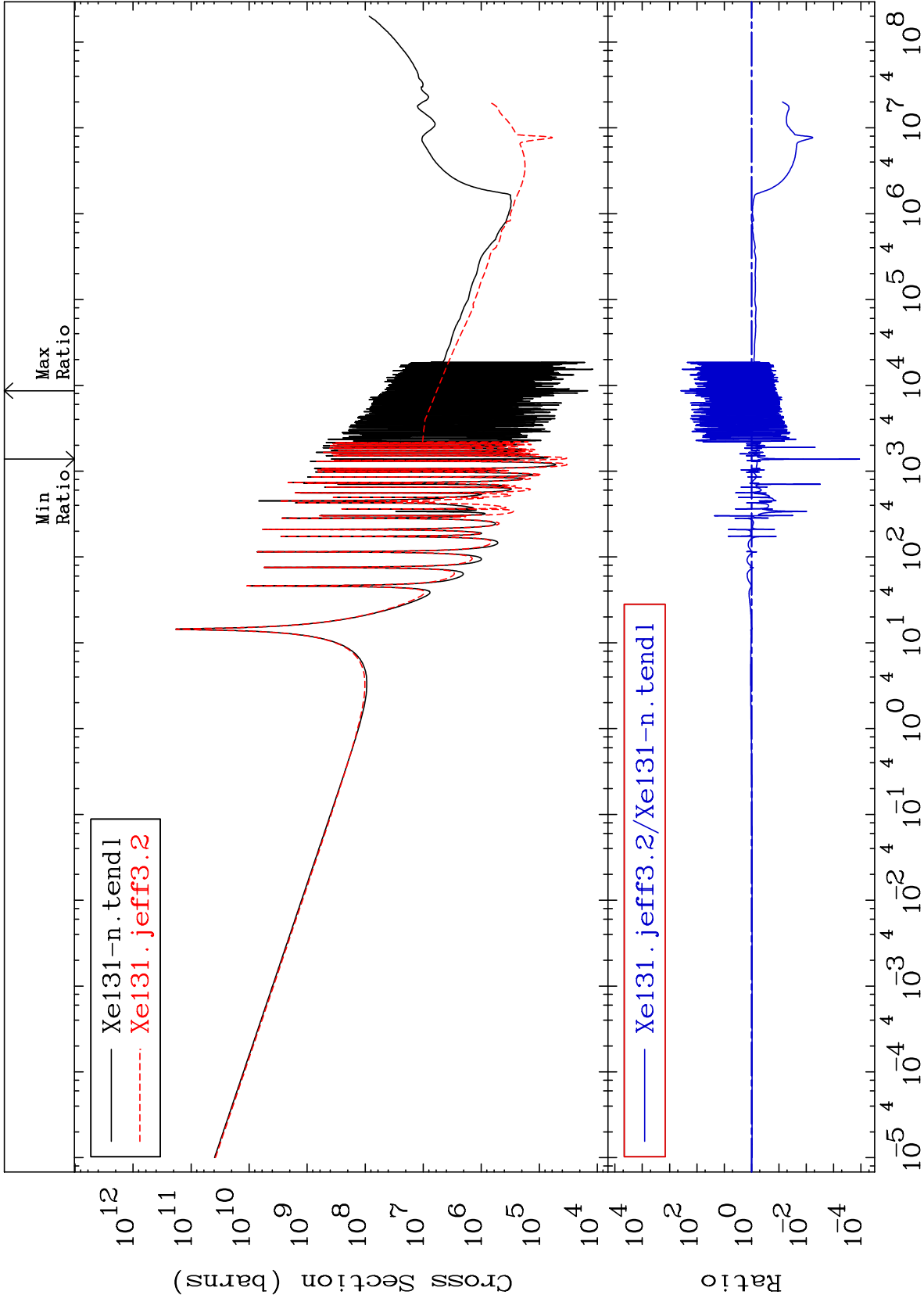
54-Xe-131
-100.0 To 9999. %

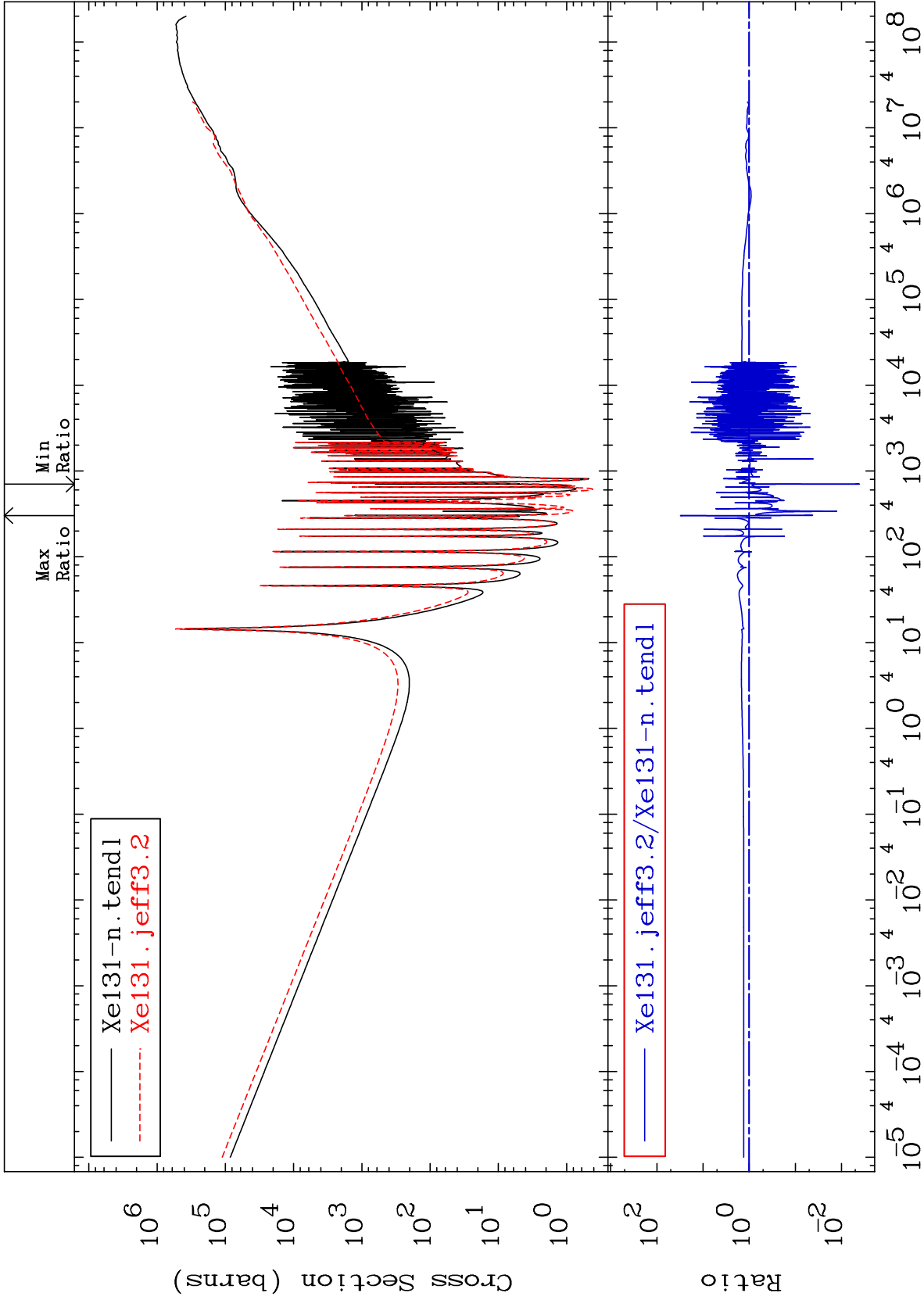


31

Incident Energy (eV)

54-Xe-131

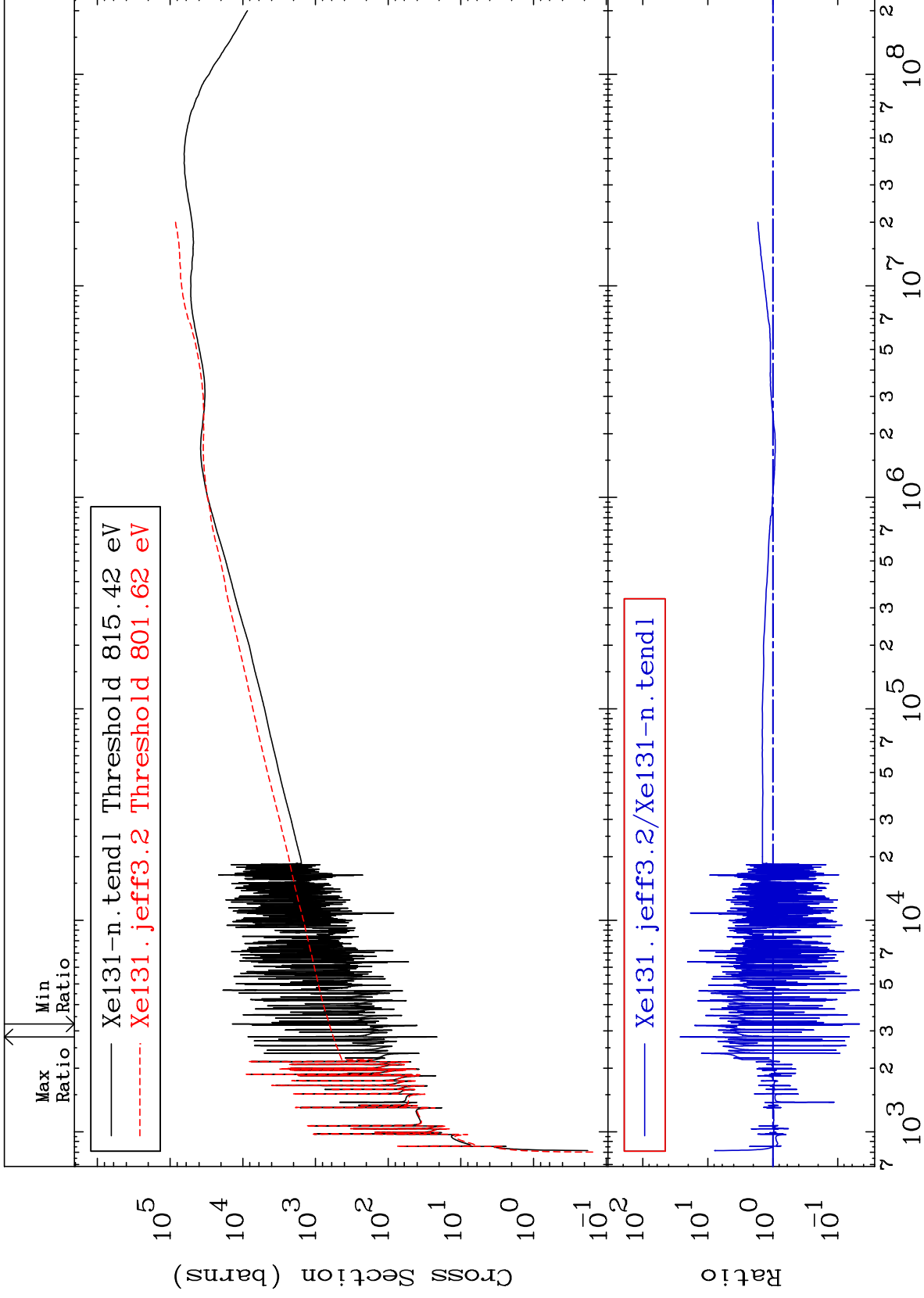




MAT 5446

Dpa elastic (mt2)
Cross Section

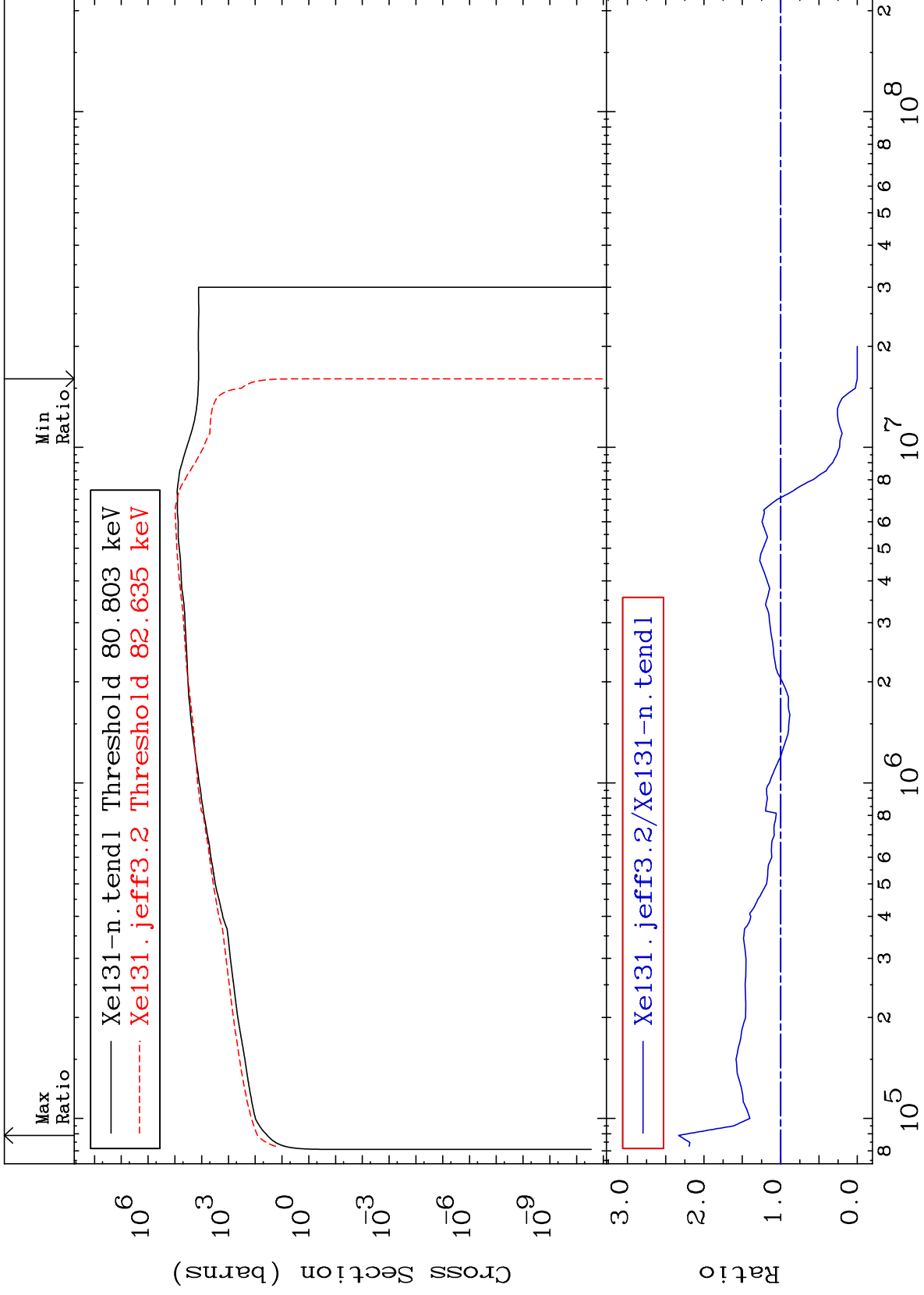
54-Xe-131
-95.36 To 2544. %



MAT 5446

Dpa inelastic (mt51-91)
Cross Section

54-Xe-131
-100.0 To 133.1 %



35

Incident Energy (eV)

54-Xe-131

MAT 5446

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-131
-99.98 To 9999. %

