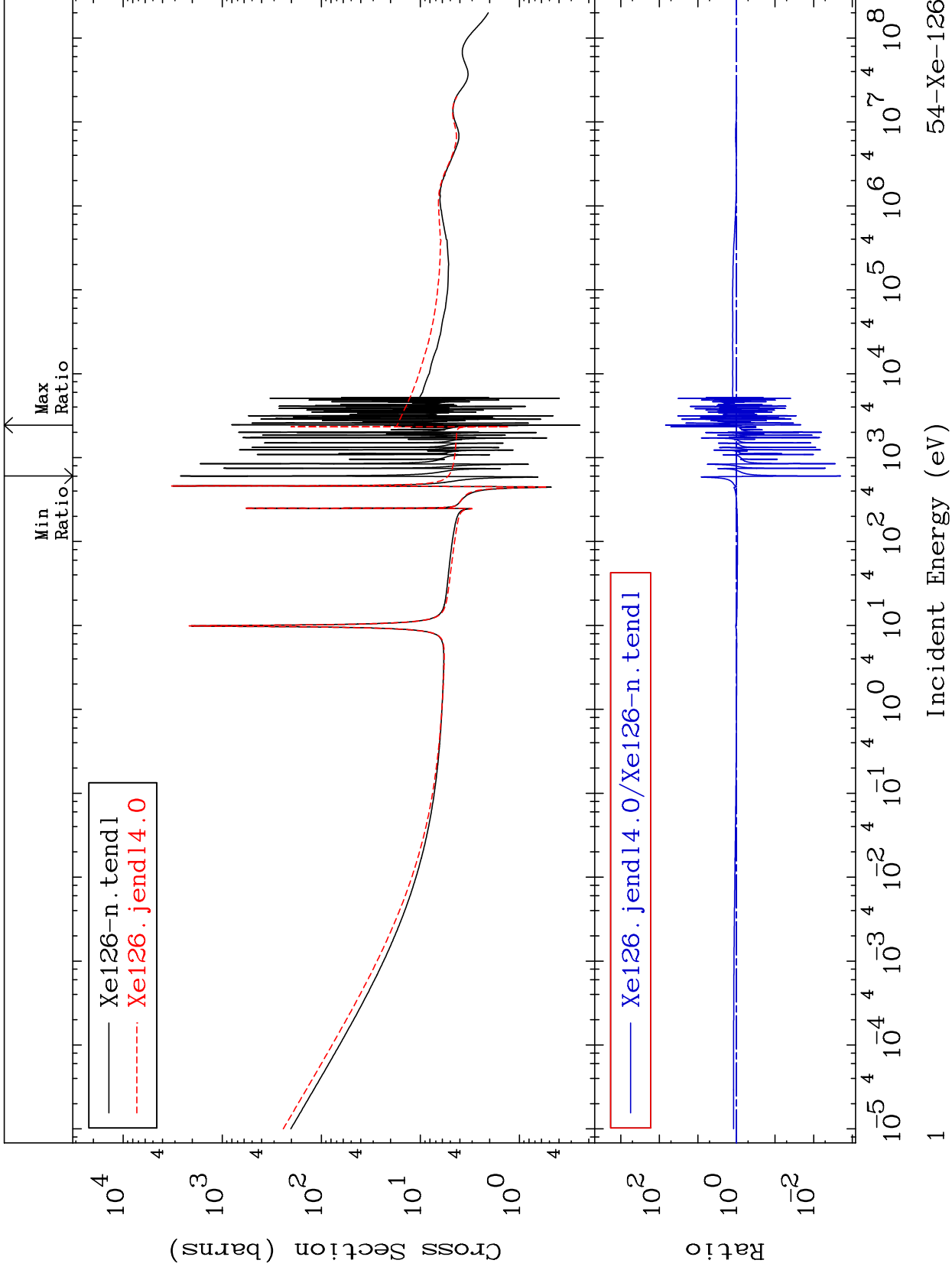


MAT 5431

Total
Cross Section

54-Xe-126
-99.80 To 6845. %



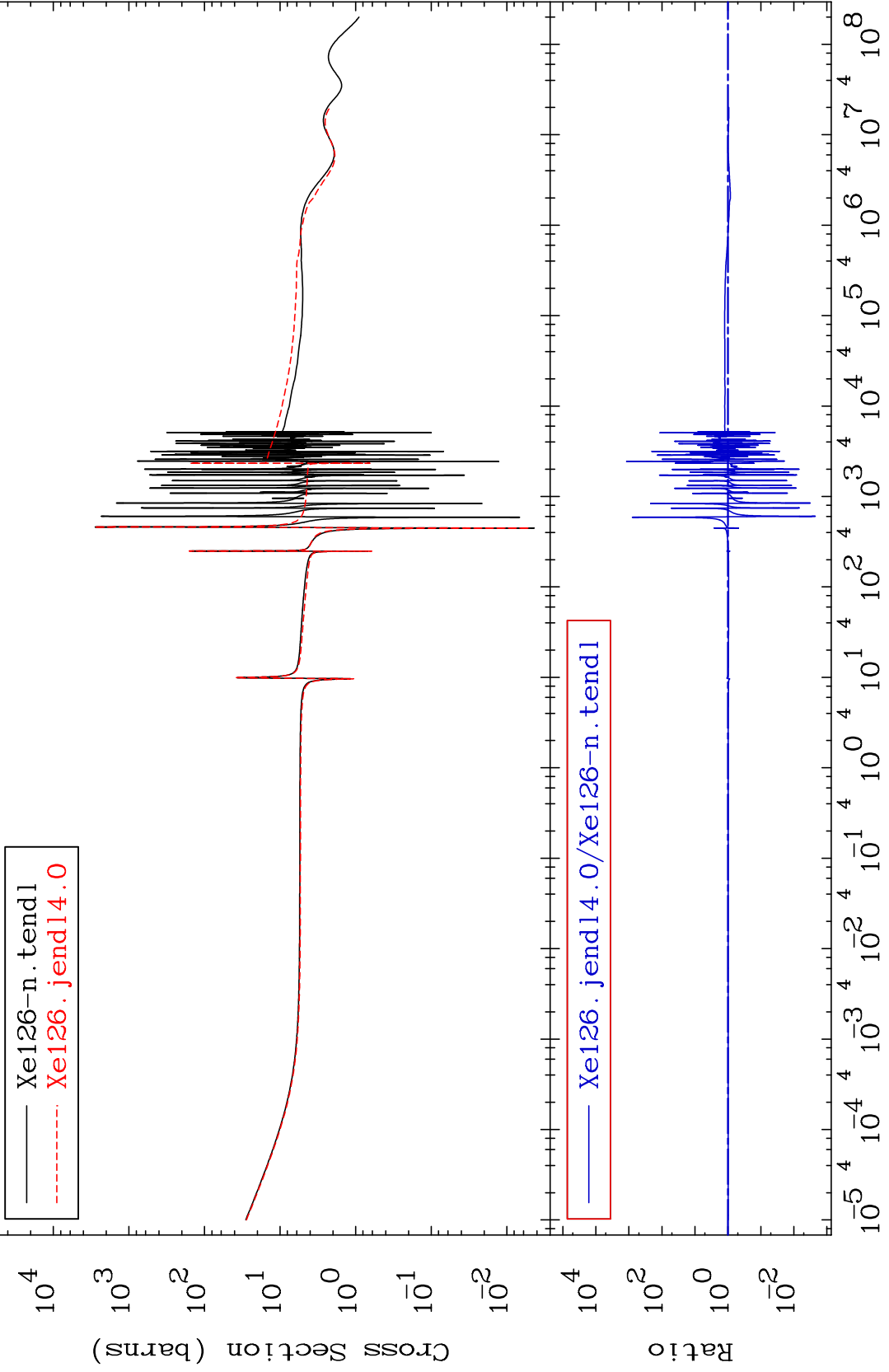
54-Xe-126

Incident Energy (eV)

MAT 5431

Elastic
Cross Section

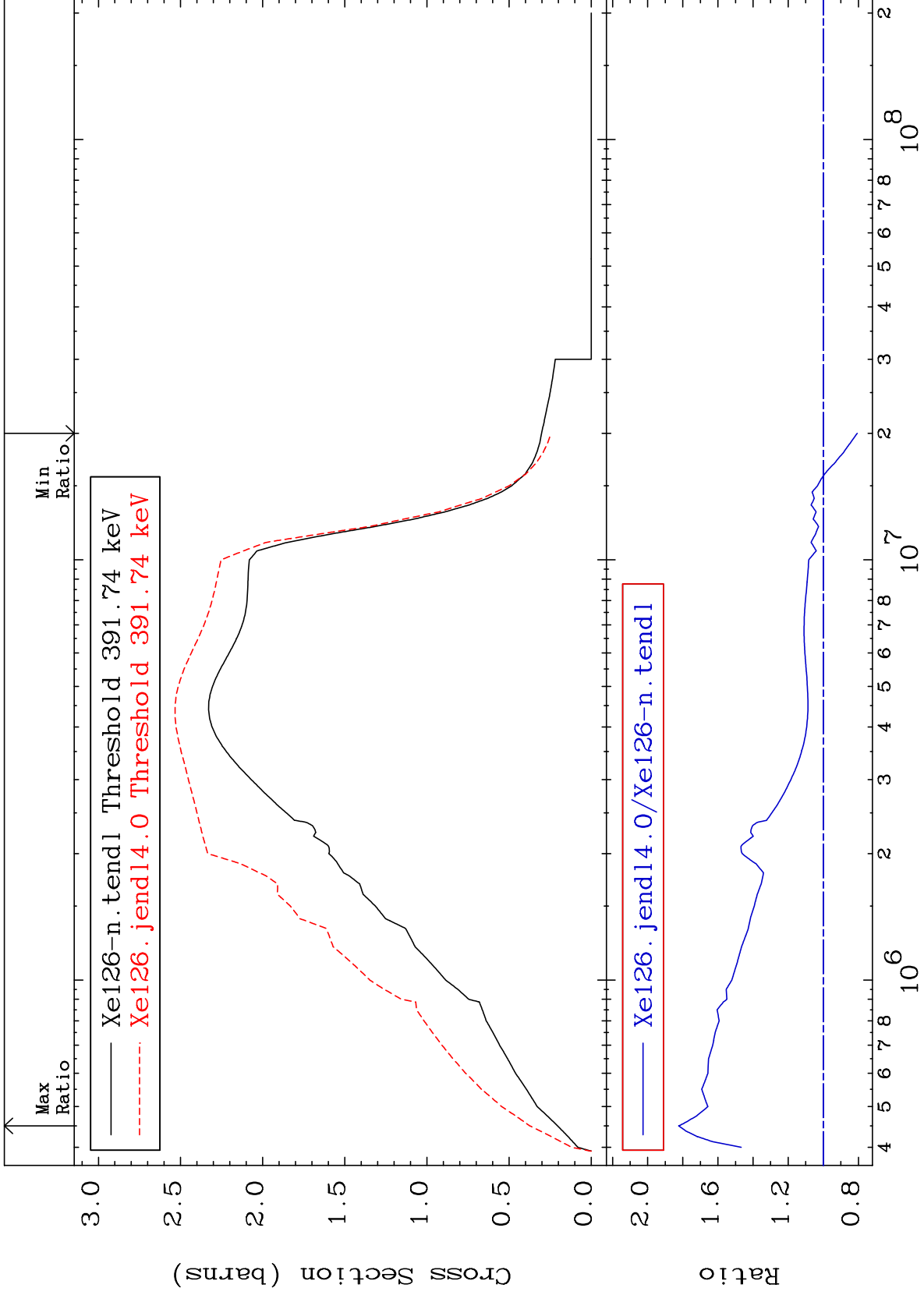
54-Xe-126
-99.77 To 9999. %



MAT 5431

Inelastic
Cross Section

54-Xe-126
-19.35 To 82.38 %



MAT 5431

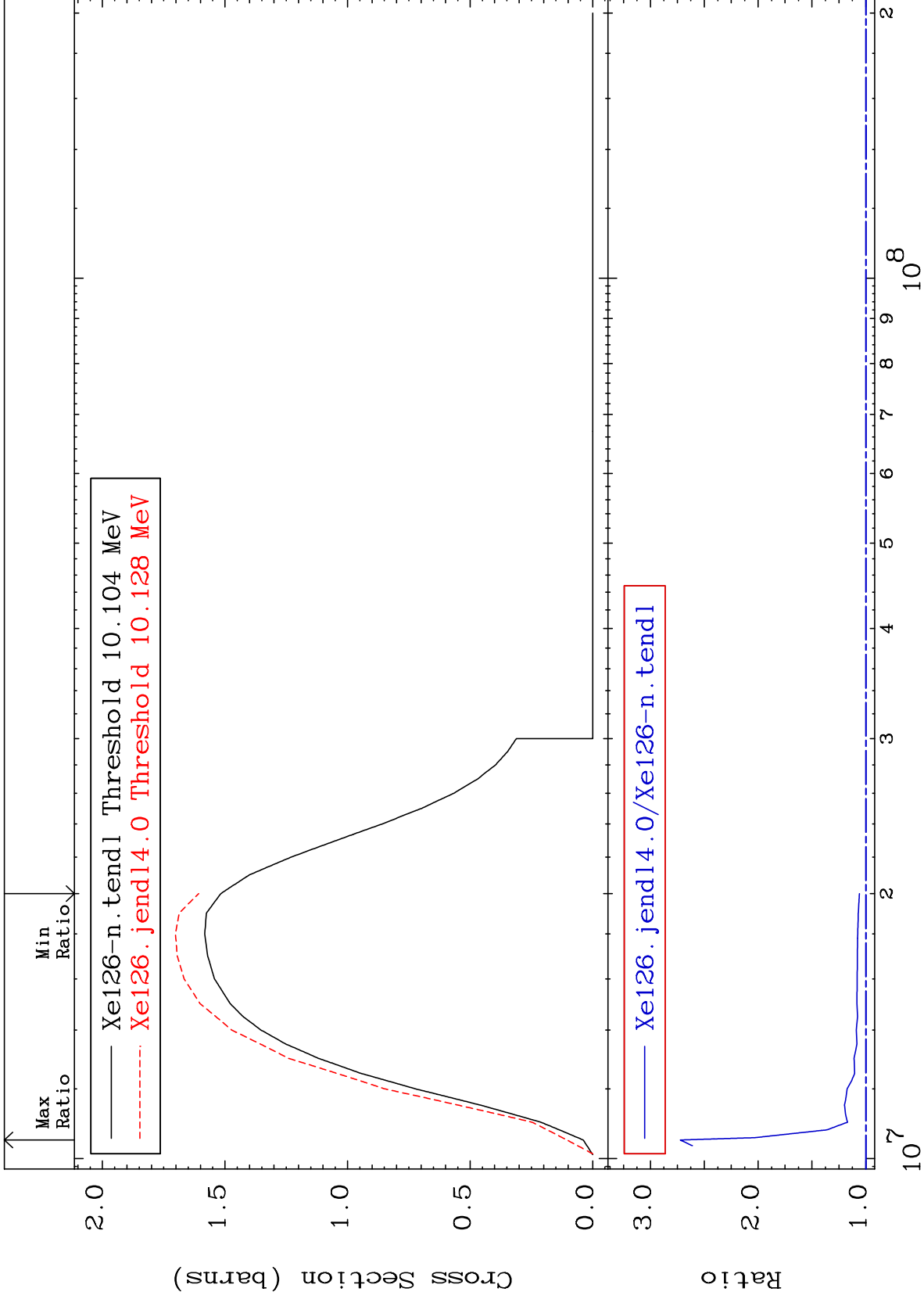
(n,2n)

54-Xe-126

Cross Section

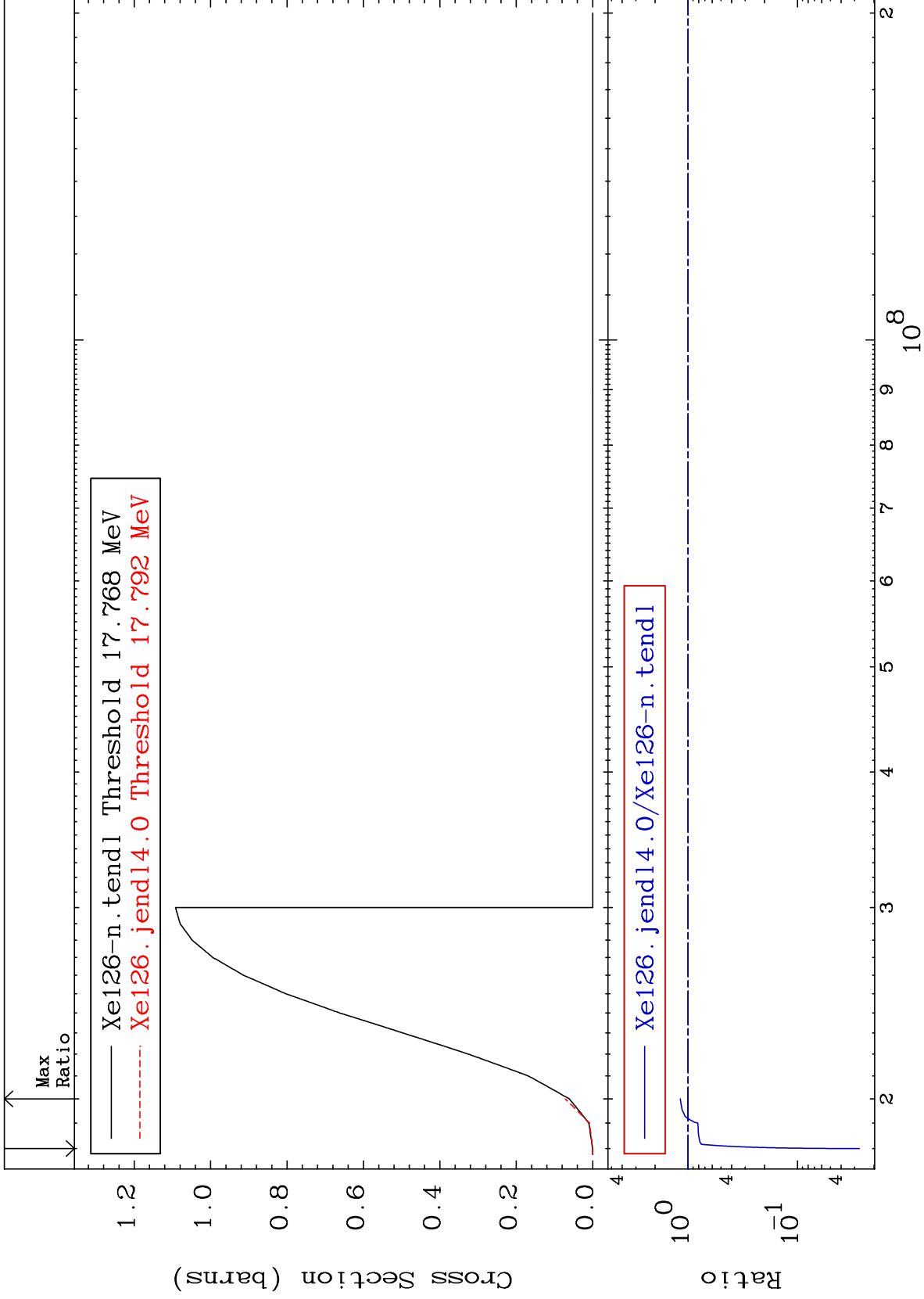
5.952

To 172.2 %



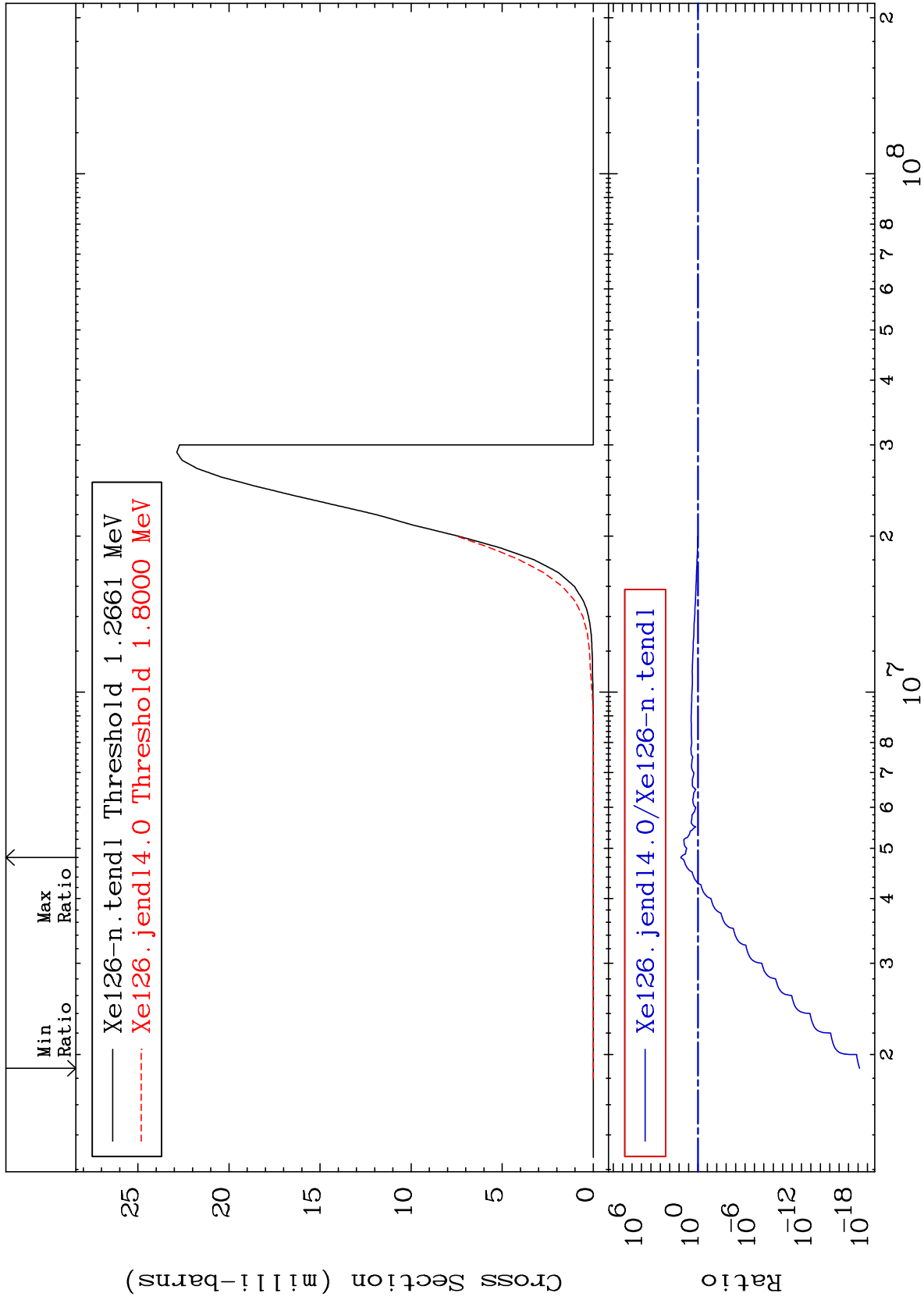
Incident Energy (eV)

54-Xe-126



Cross Section

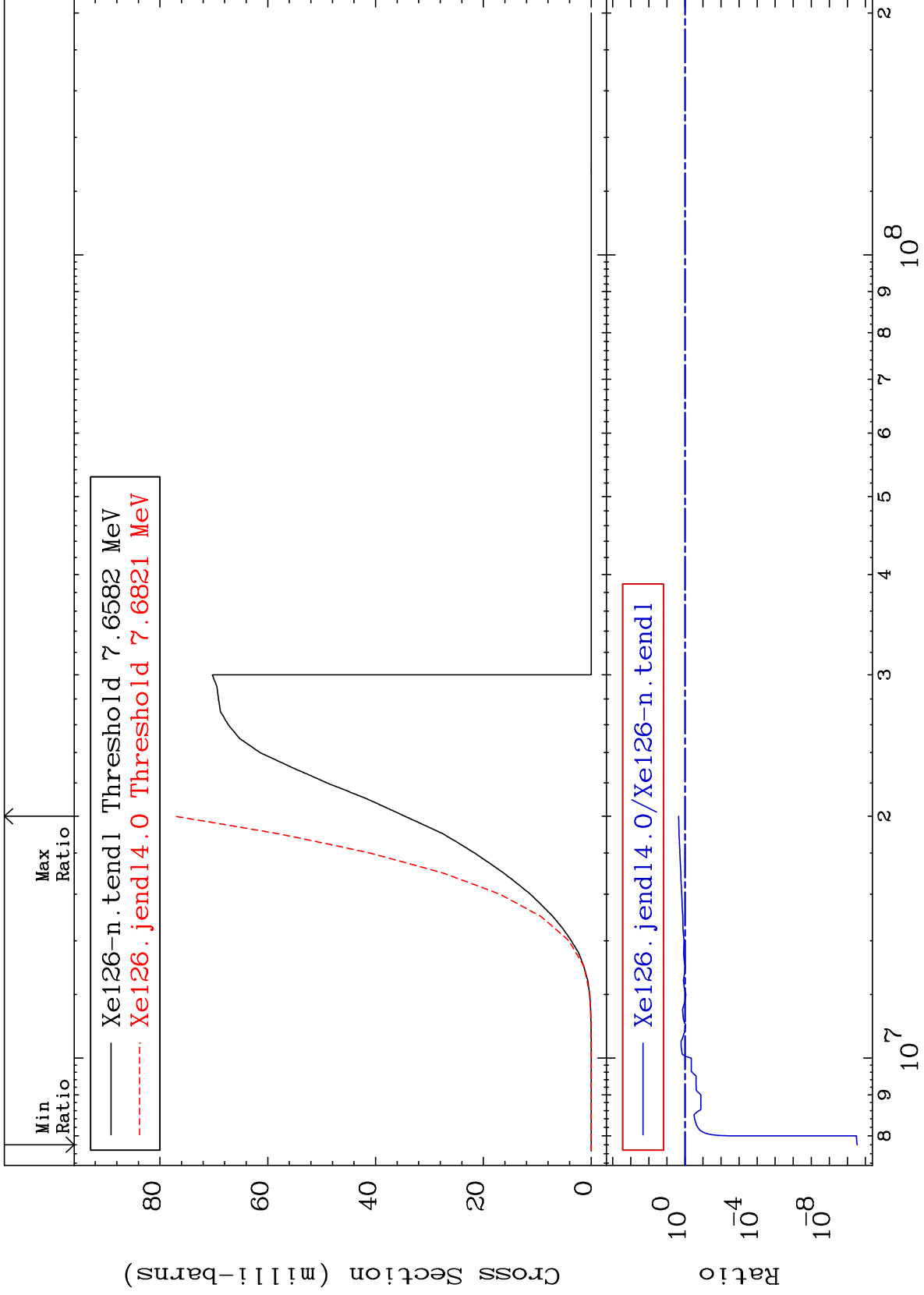
-100.0 To 6591. %



MAT 5431

(n,n') p
Cross Section

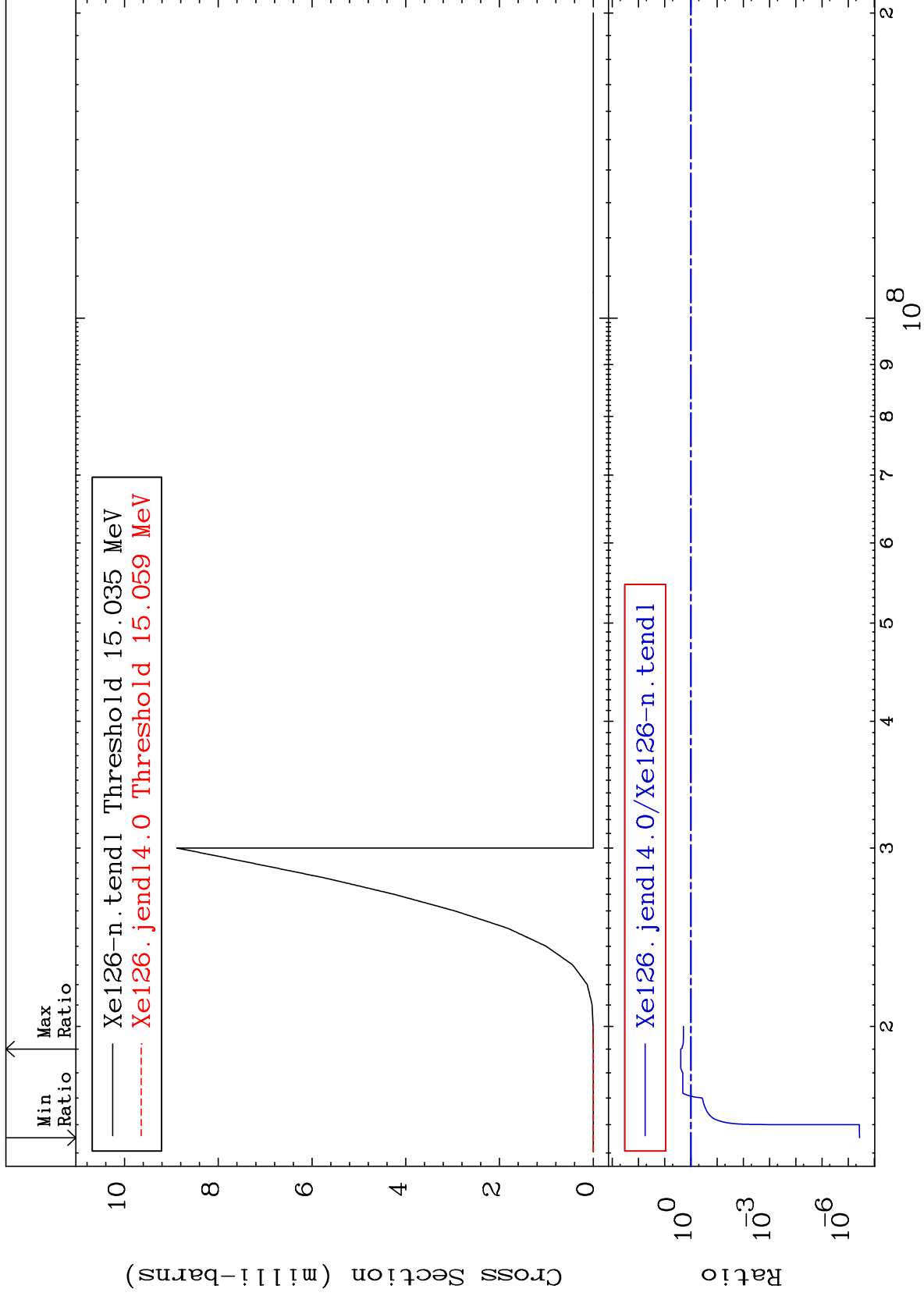
54-Xe-126
-100.0 To 123.4 %



7

Incident Energy (eV)

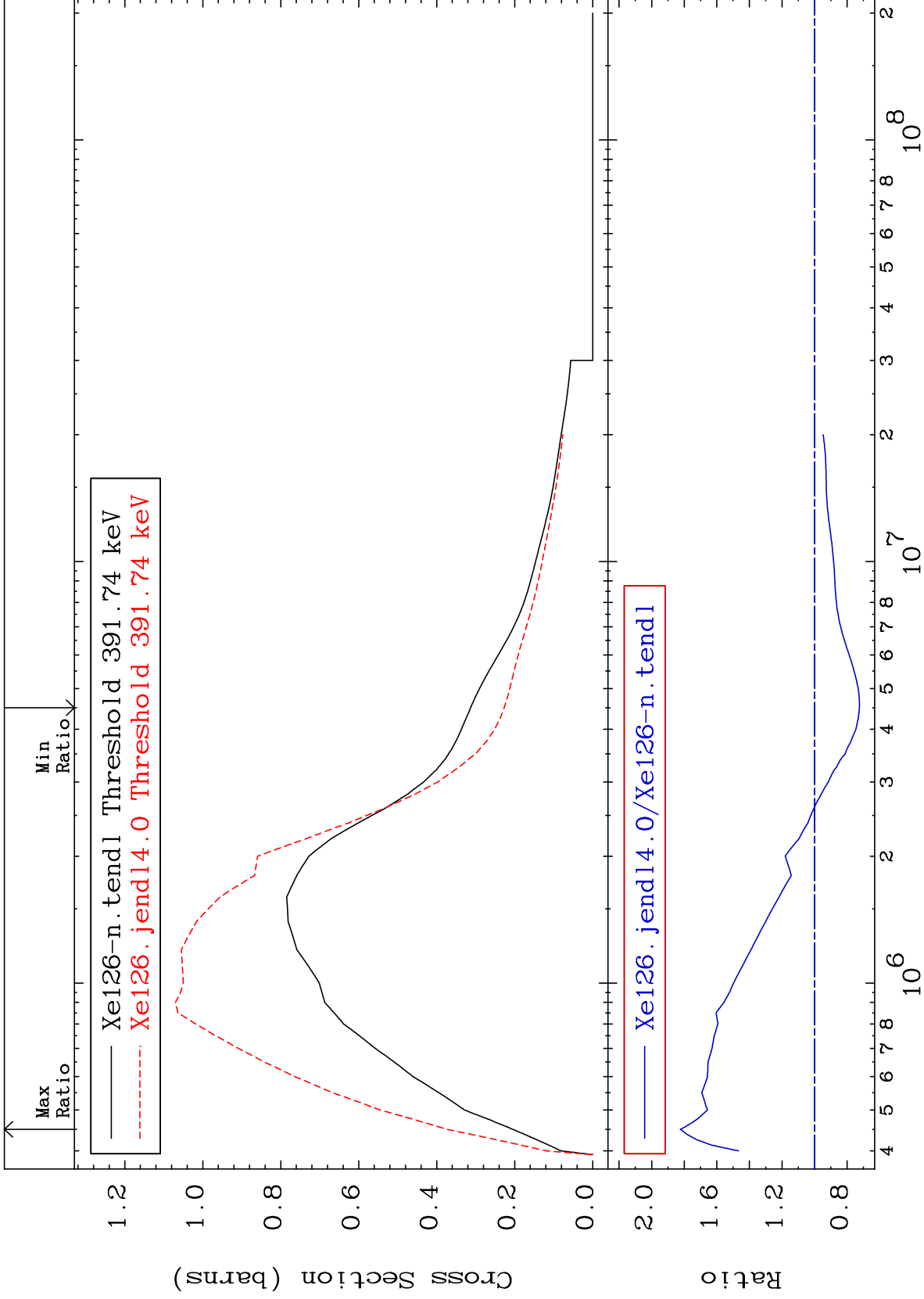
54-Xe-126



MAT 5431

388.6 keV (n,n') Level
Cross Section

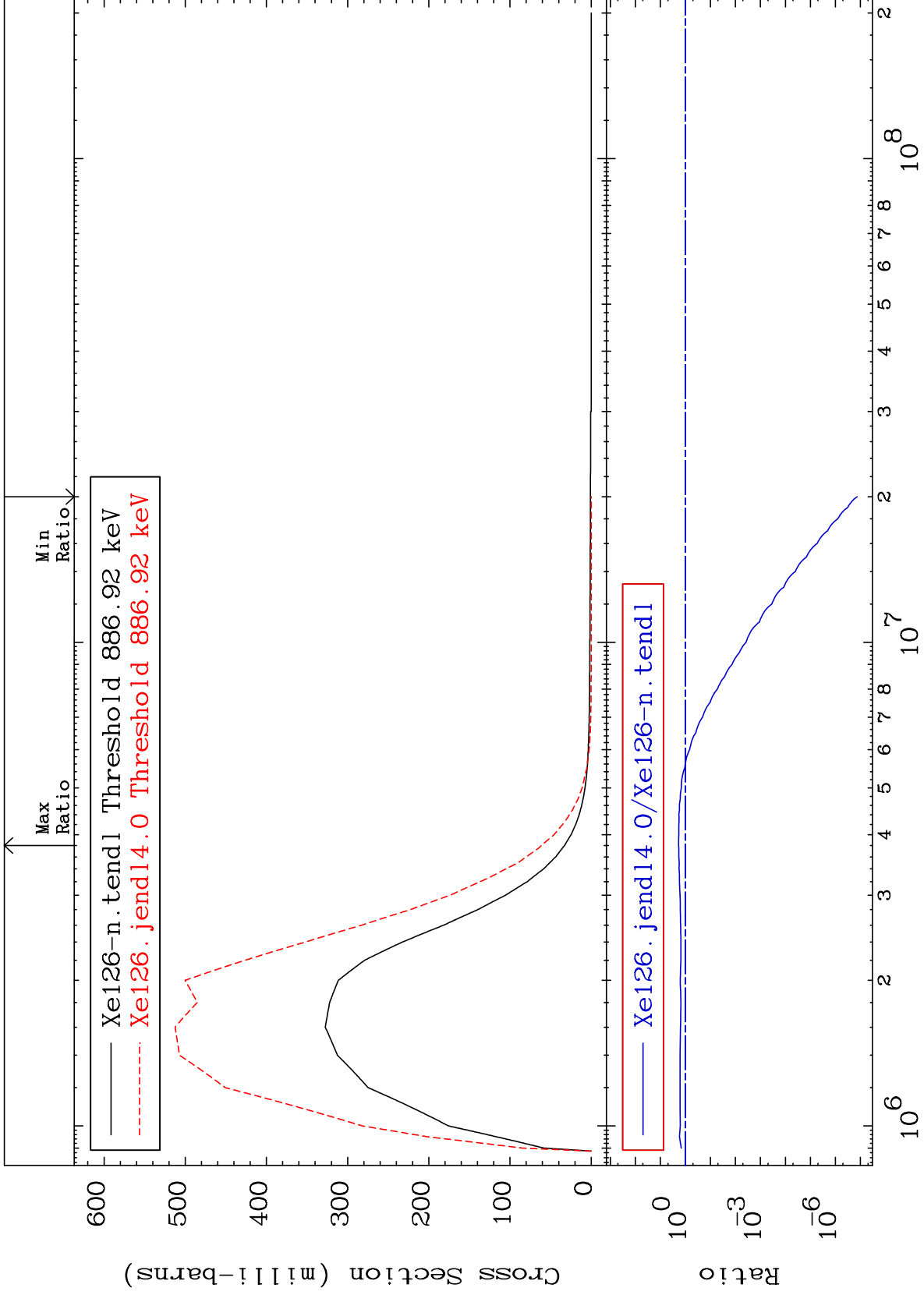
54-Xe-126
-27.52 To 82.38 %



MAT 5431

879.9 keV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 86.24 %



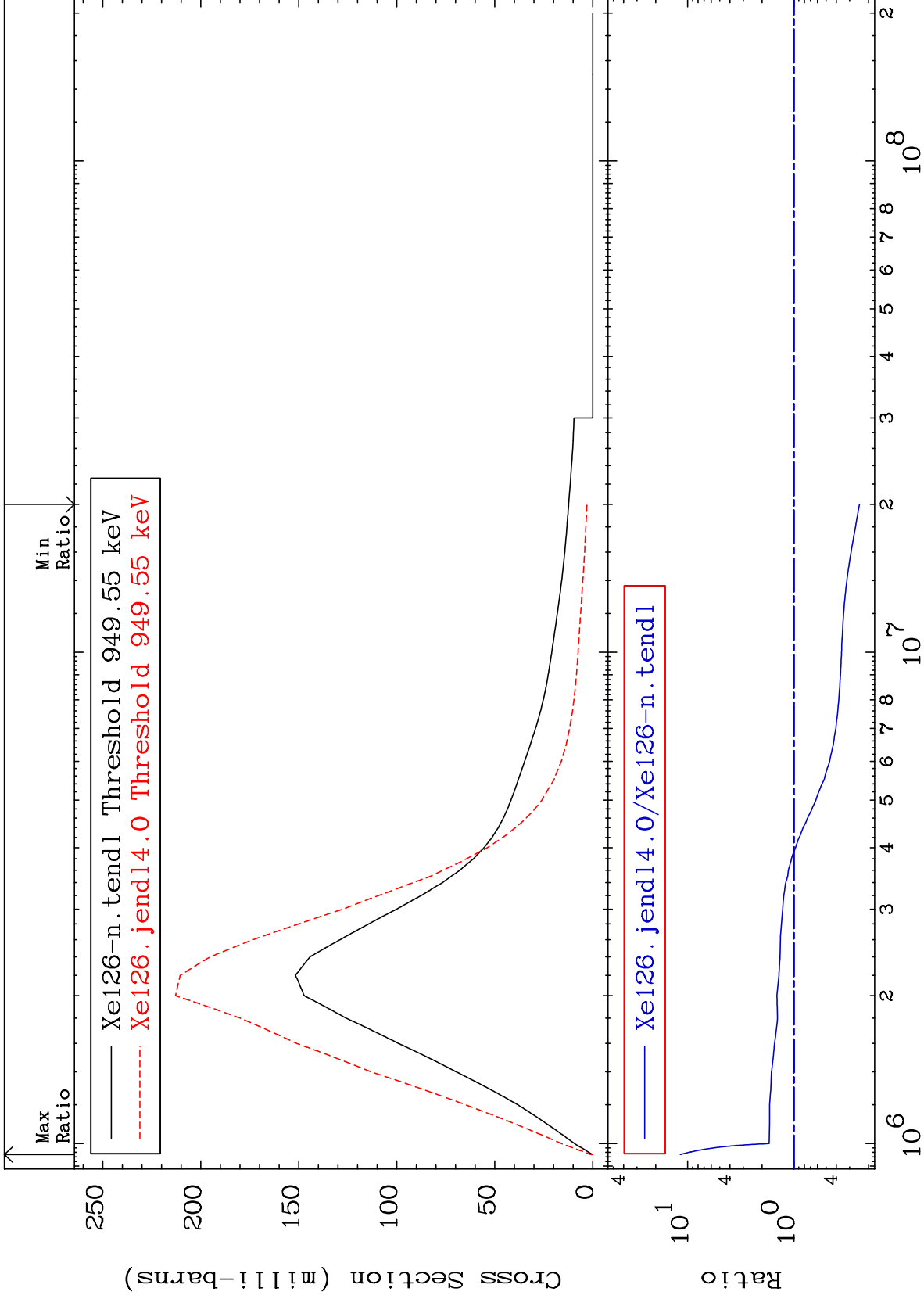
Incident Energy (eV)

54-Xe-126

MAT 5431

942.0 keV (n,n') Level
Cross Section

54-Xe-126
-75.76 To 1071. %



Incident Energy (eV)

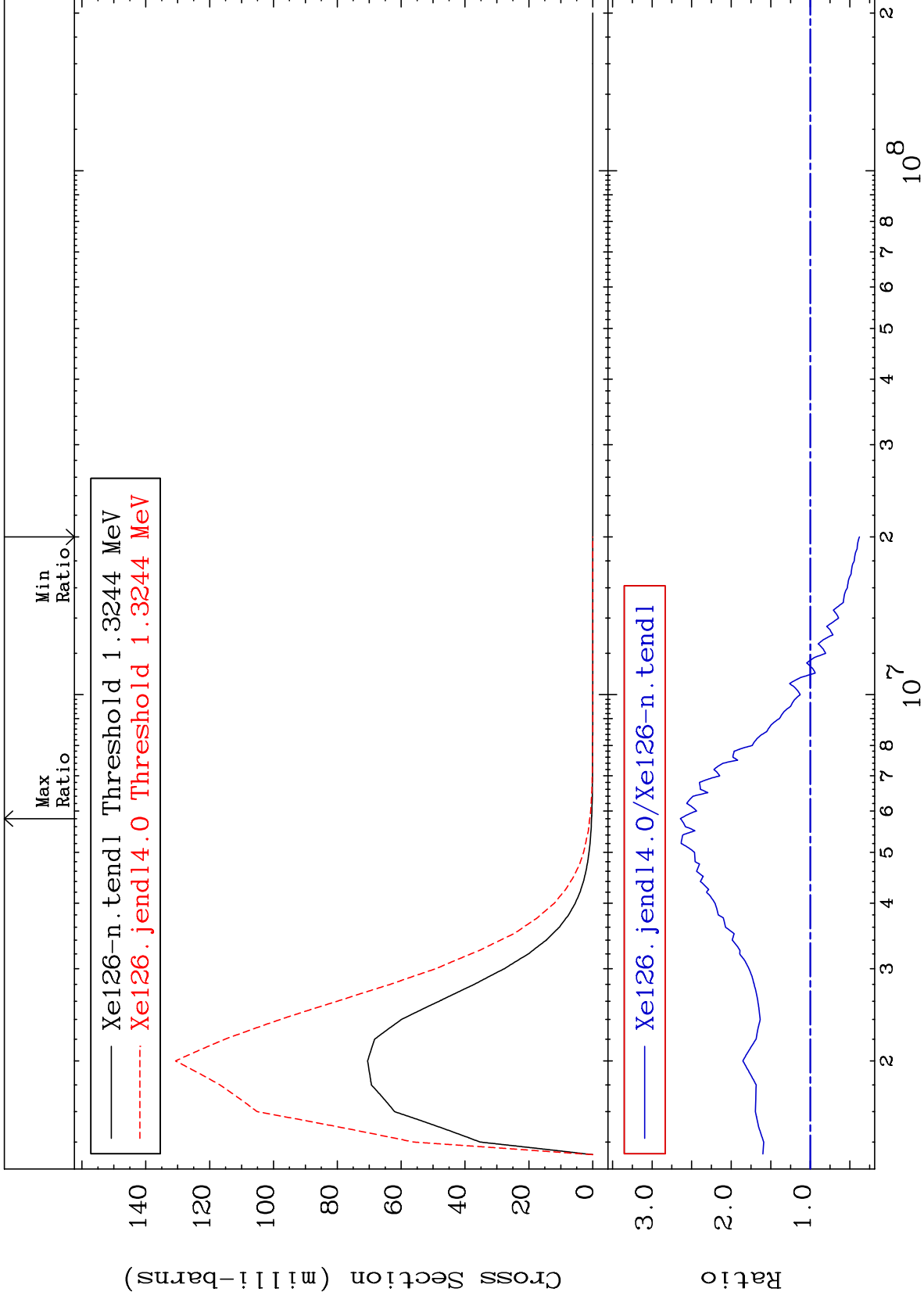
54-Xe-126

11

MAT 5431

1.314 MeV (n,n') Level
Cross Section

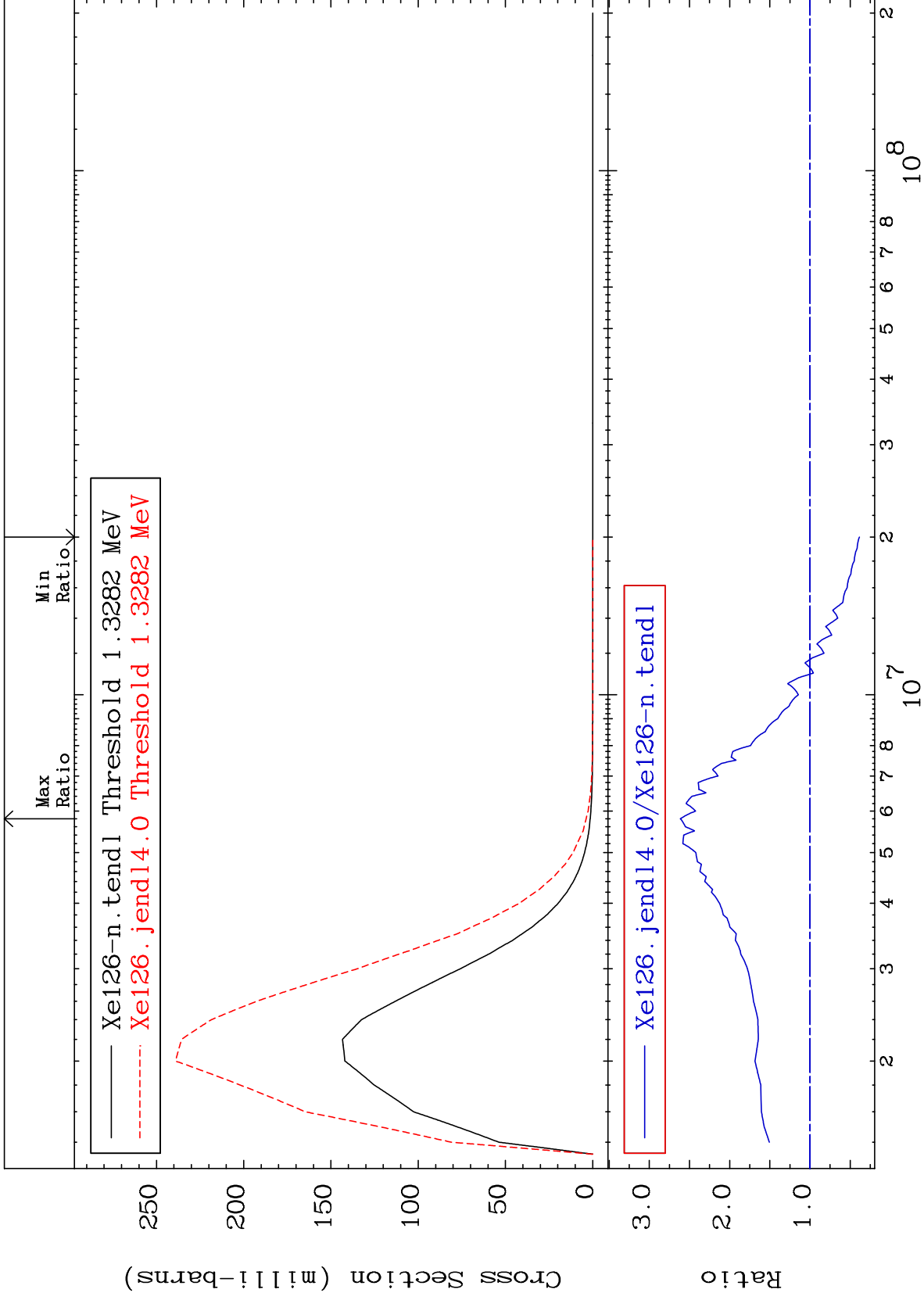
54-Xe-126
-62.07 To 164.3 %



MAT 5431

1.318 MeV (n,n') Level
Cross Section

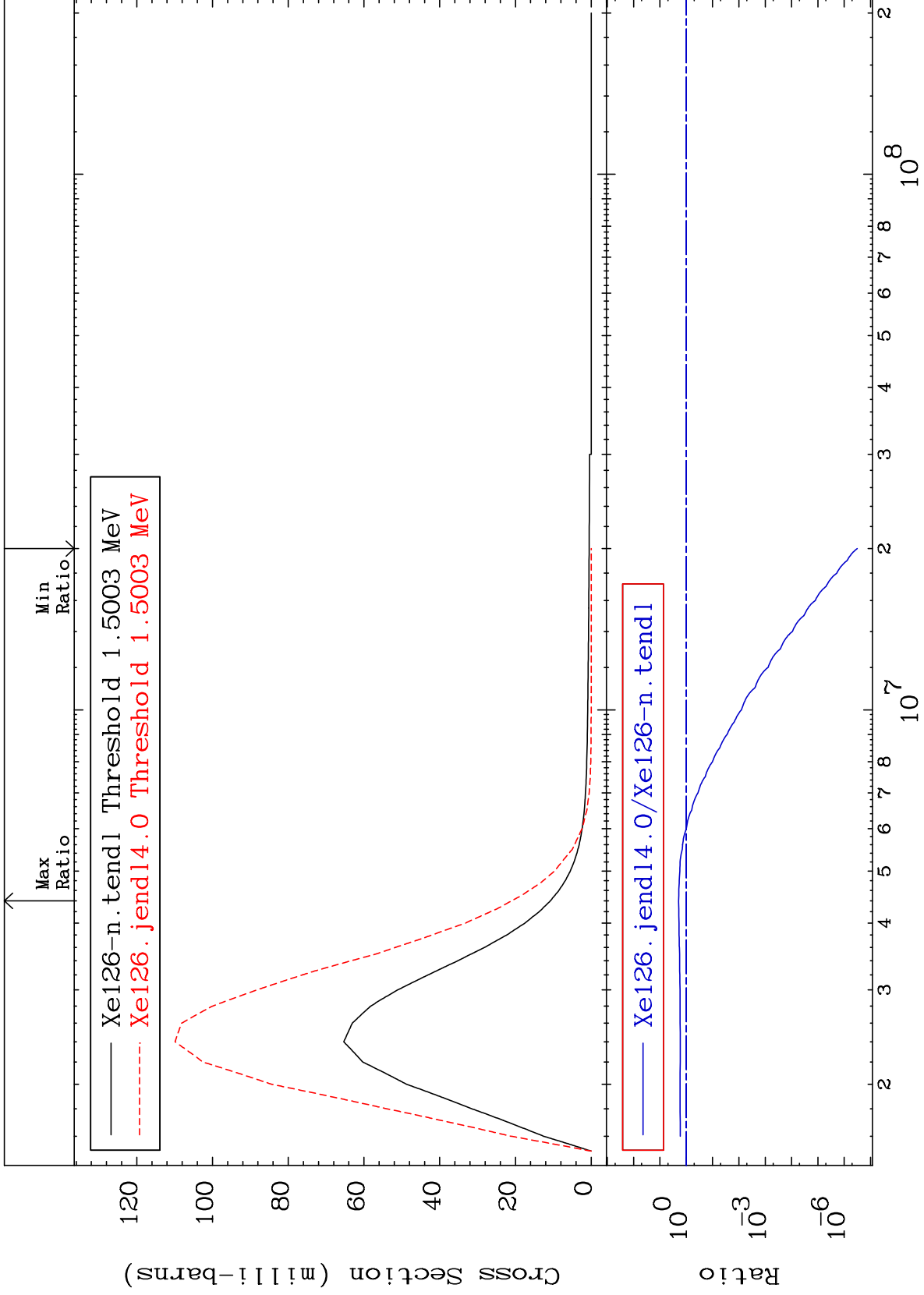
54-Xe-126
-61.51 To 161.4 %



MAT 5431

1.488 MeV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 95.12 %



14

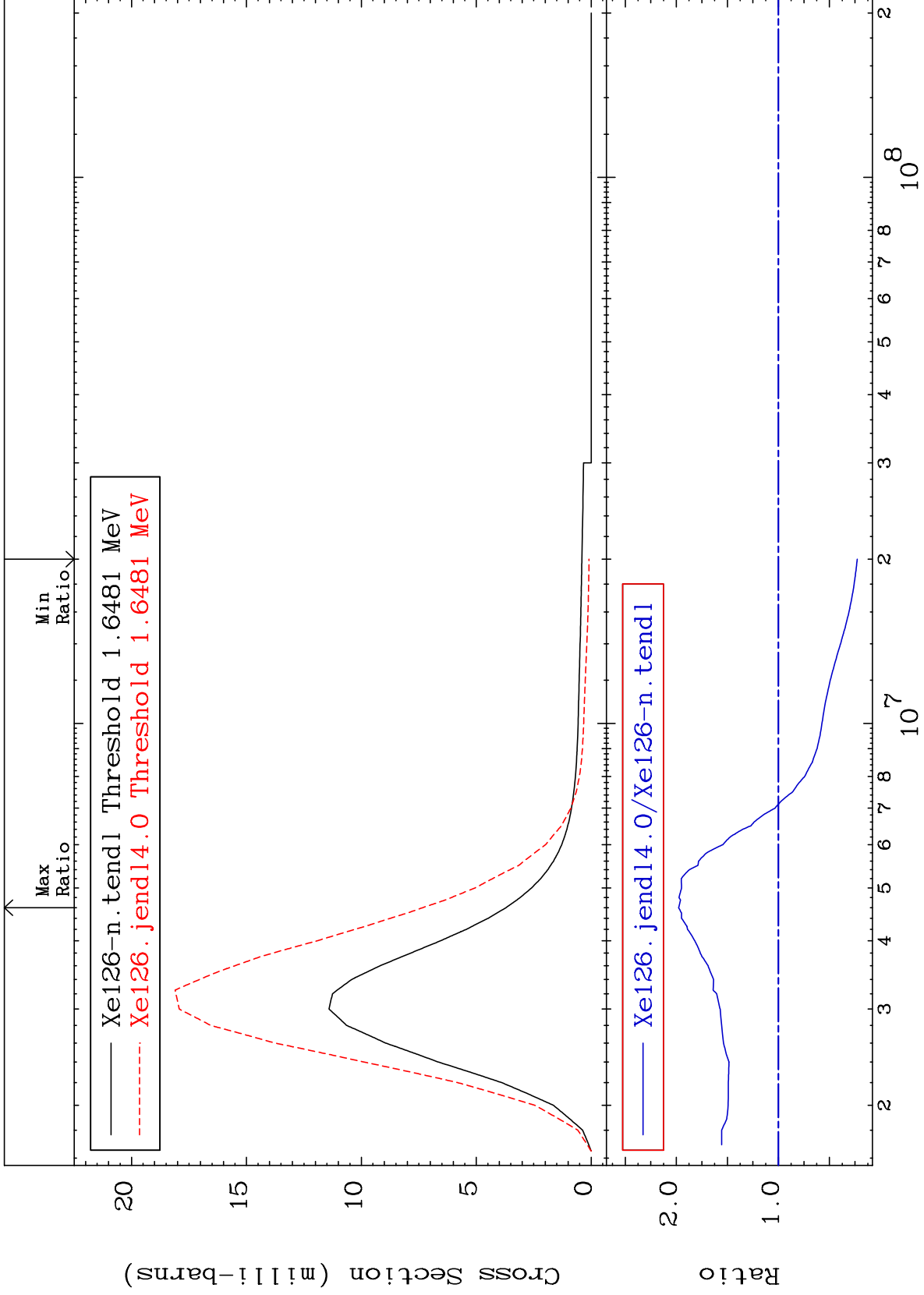
Incident Energy (eV)

54-Xe-126

MAT 5431

1.635 MeV (n,n') Level
Cross Section

54-Xe-126
-77.20 To 97.73 %



15

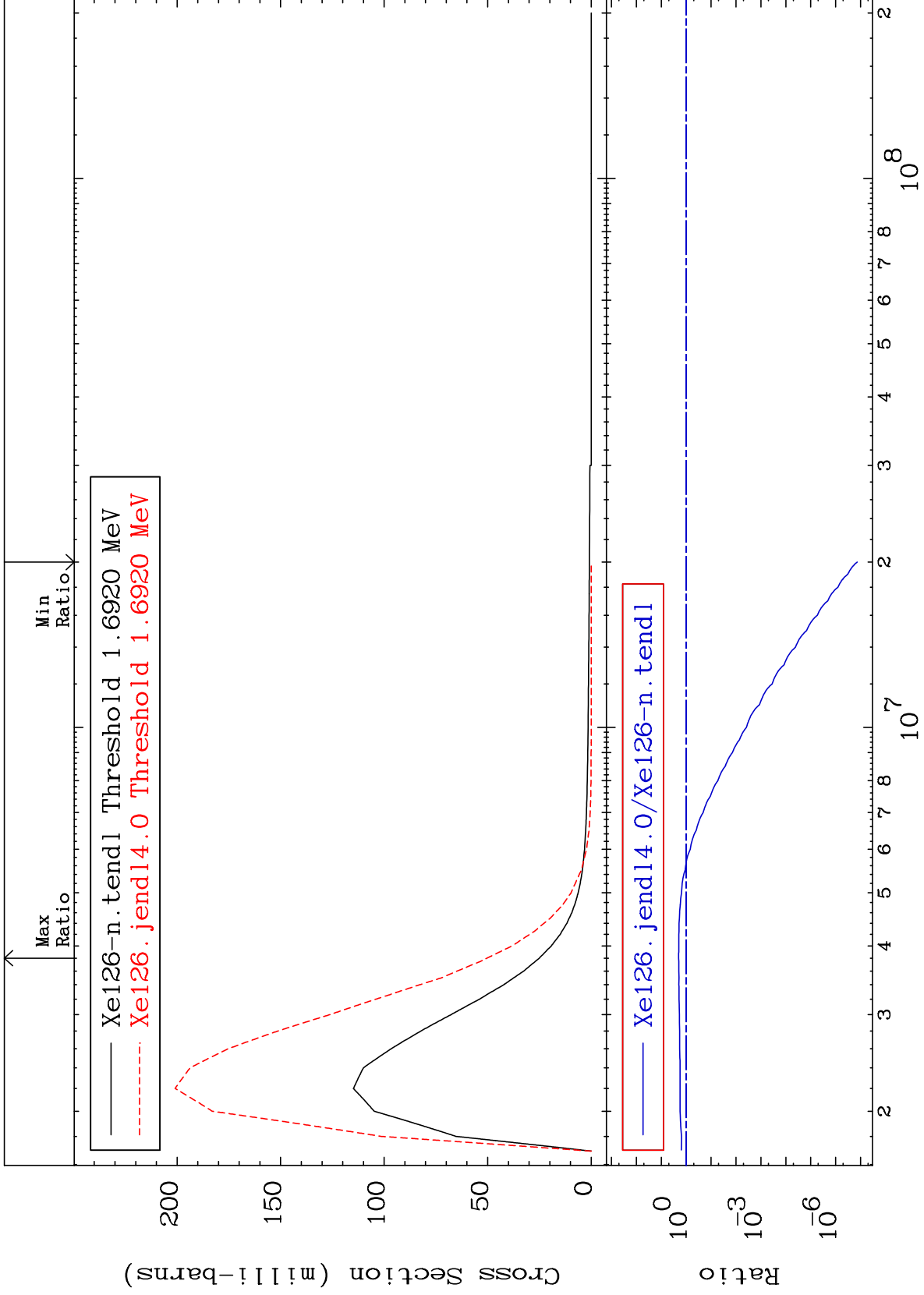
Incident Energy (eV)

54-Xe-126

MAT 5431

1.679 MeV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 100.8 %



16

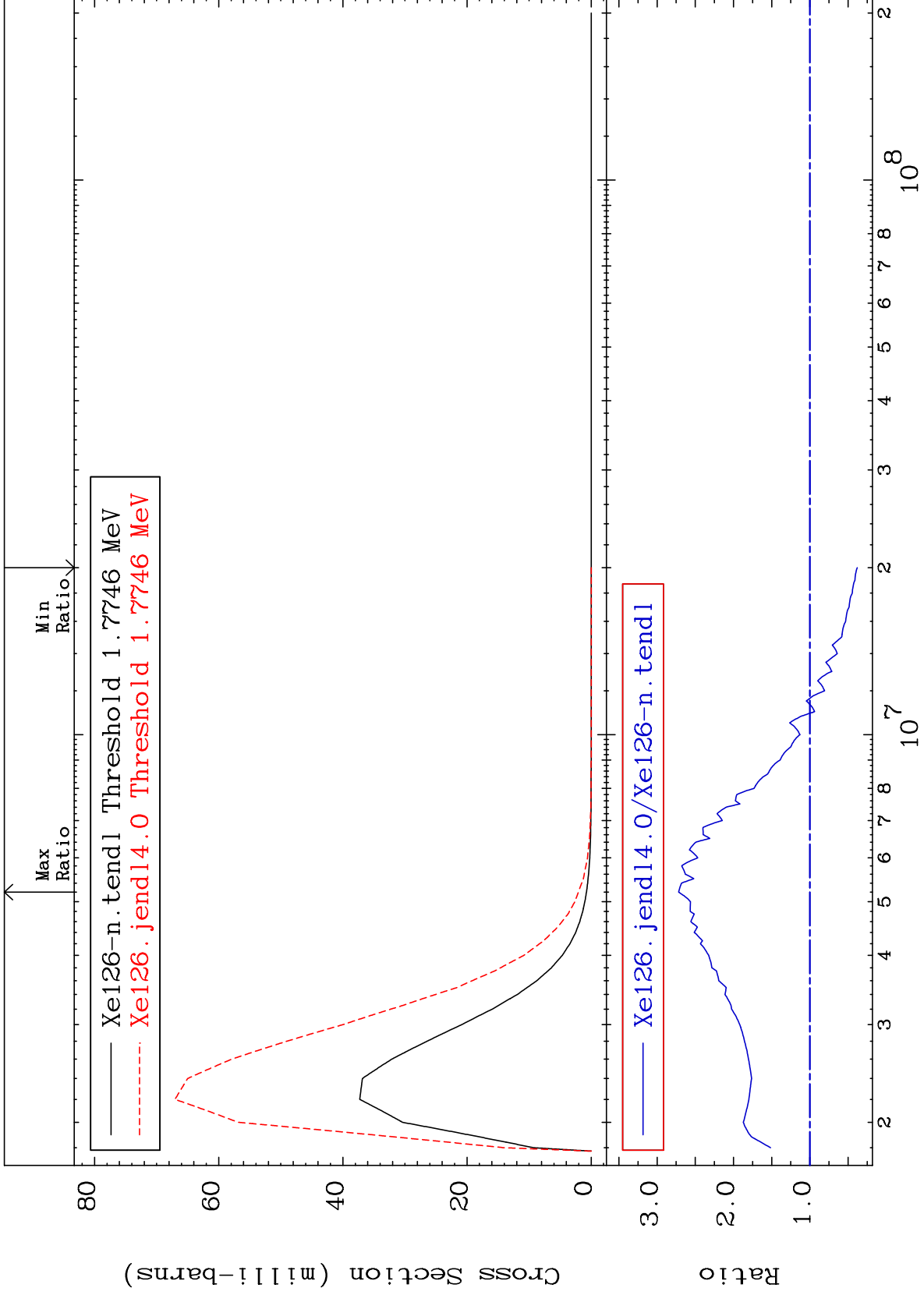
Incident Energy (eV)

54-Xe-126

MAT 5431

1.761 MeV (n,n') Level
Cross Section

54-Xe-126
-62.03 To 171.8 %



17

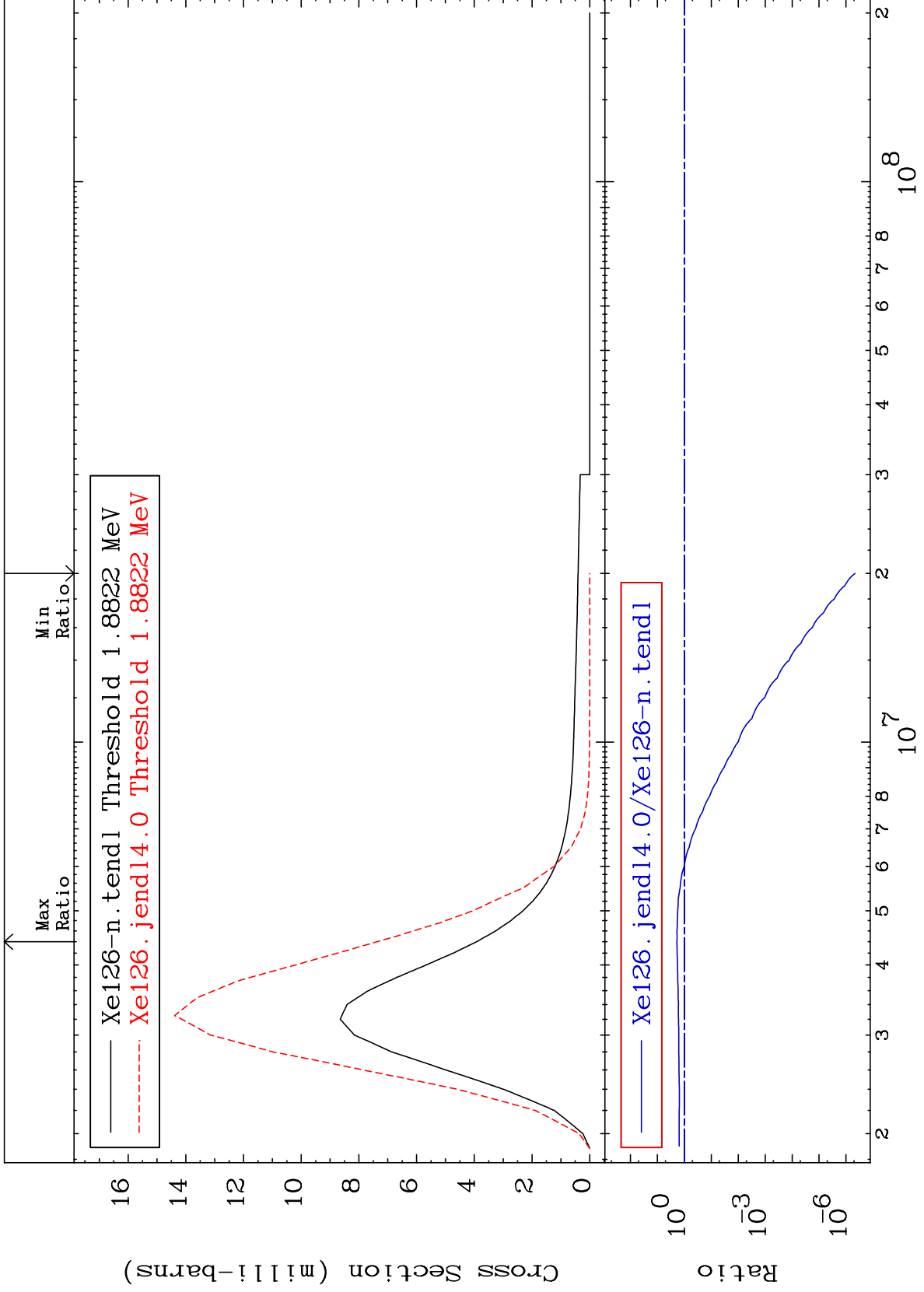
Incident Energy (eV)

54-Xe-126

MAT 5431

1.867 MeV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 88.24 %



18

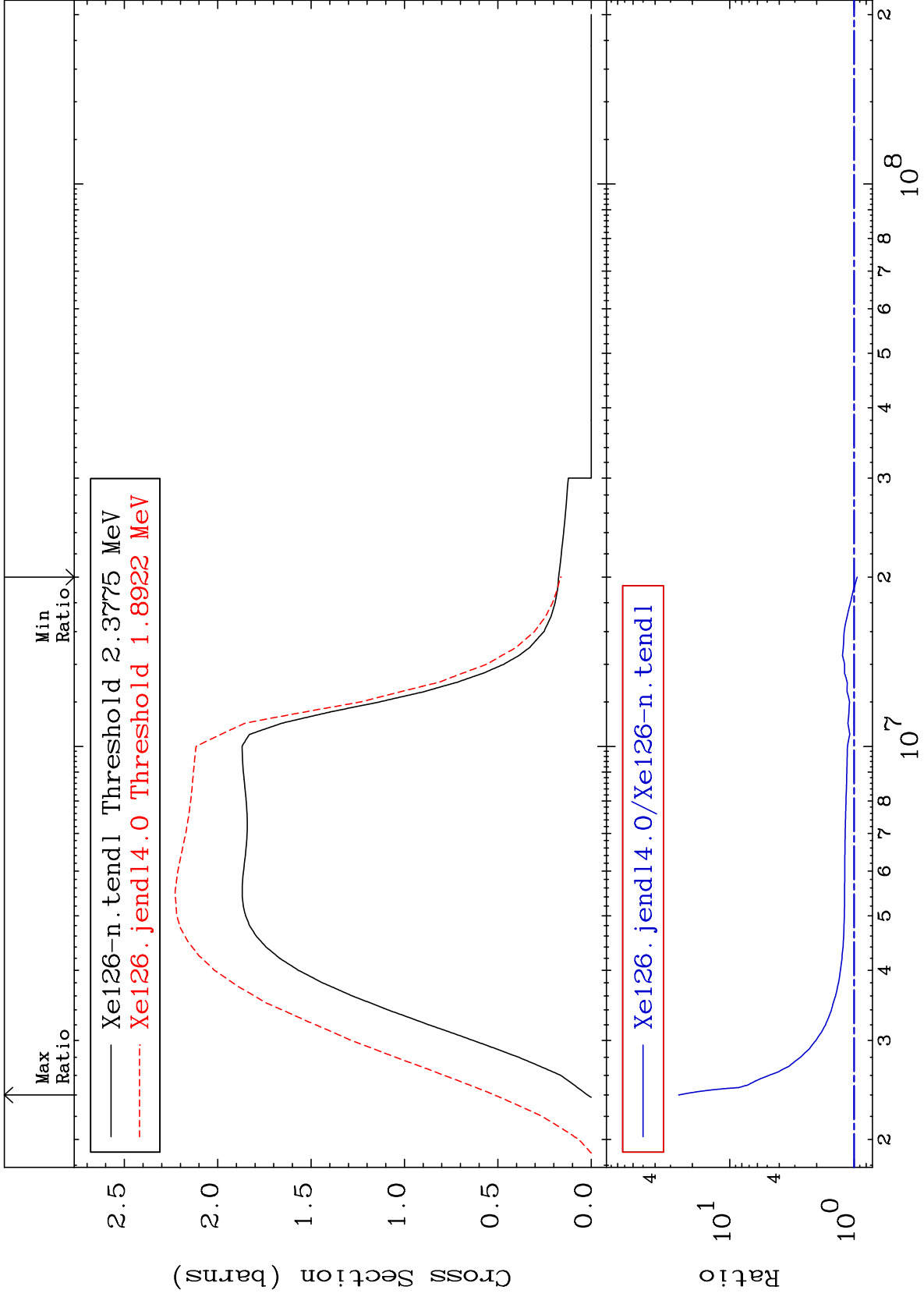
Incident Energy (eV)

54-Xe-126

MAT 5431

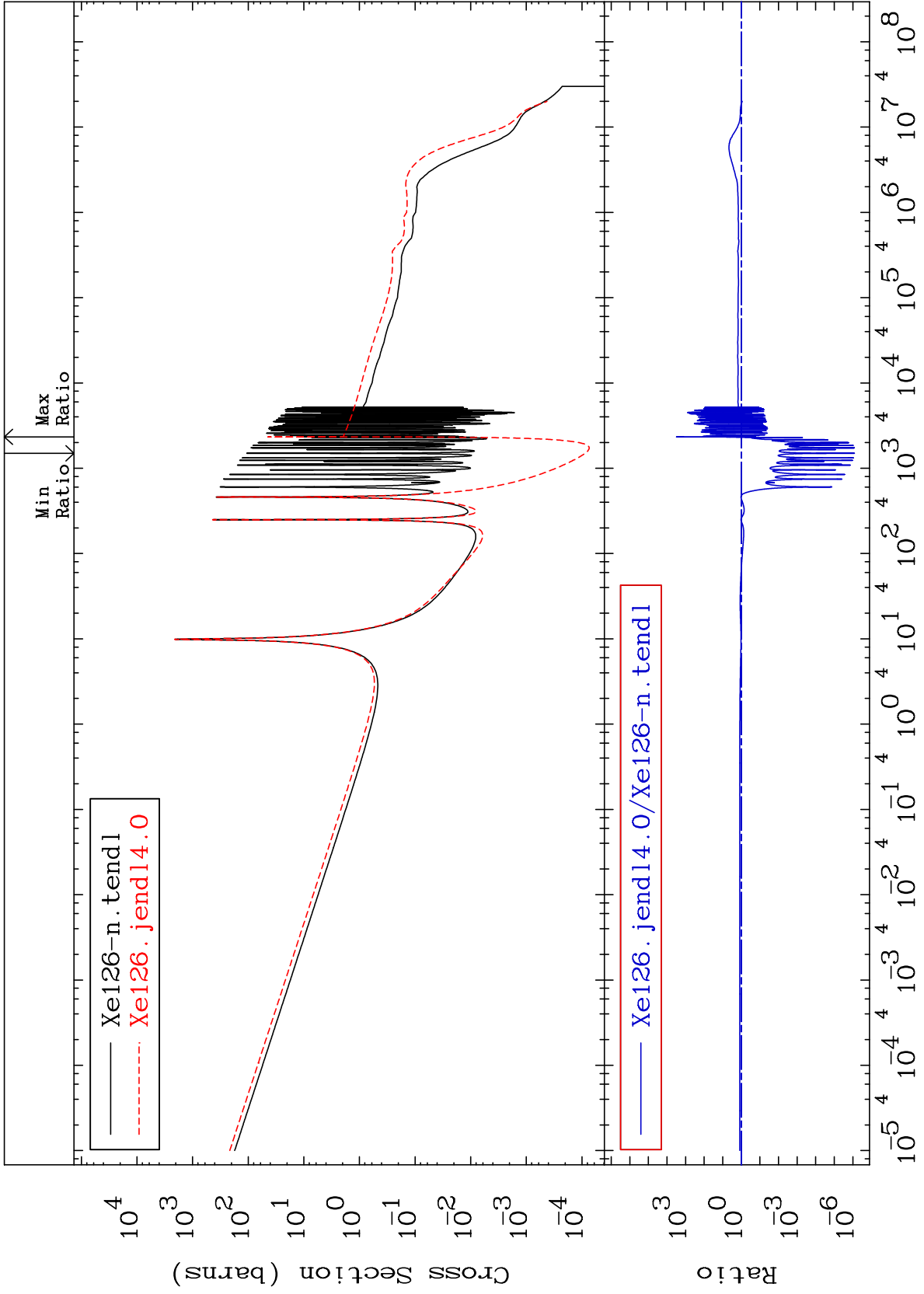
(n, n') Continuum
Cross Section

54-Xe-126
-5.749 To 2482. %



MAT 5431

(n, γ)
Cross Section
54-Xe-126
-100.0 To 9999. %



20

Incident Energy (eV)

54-Xe-126

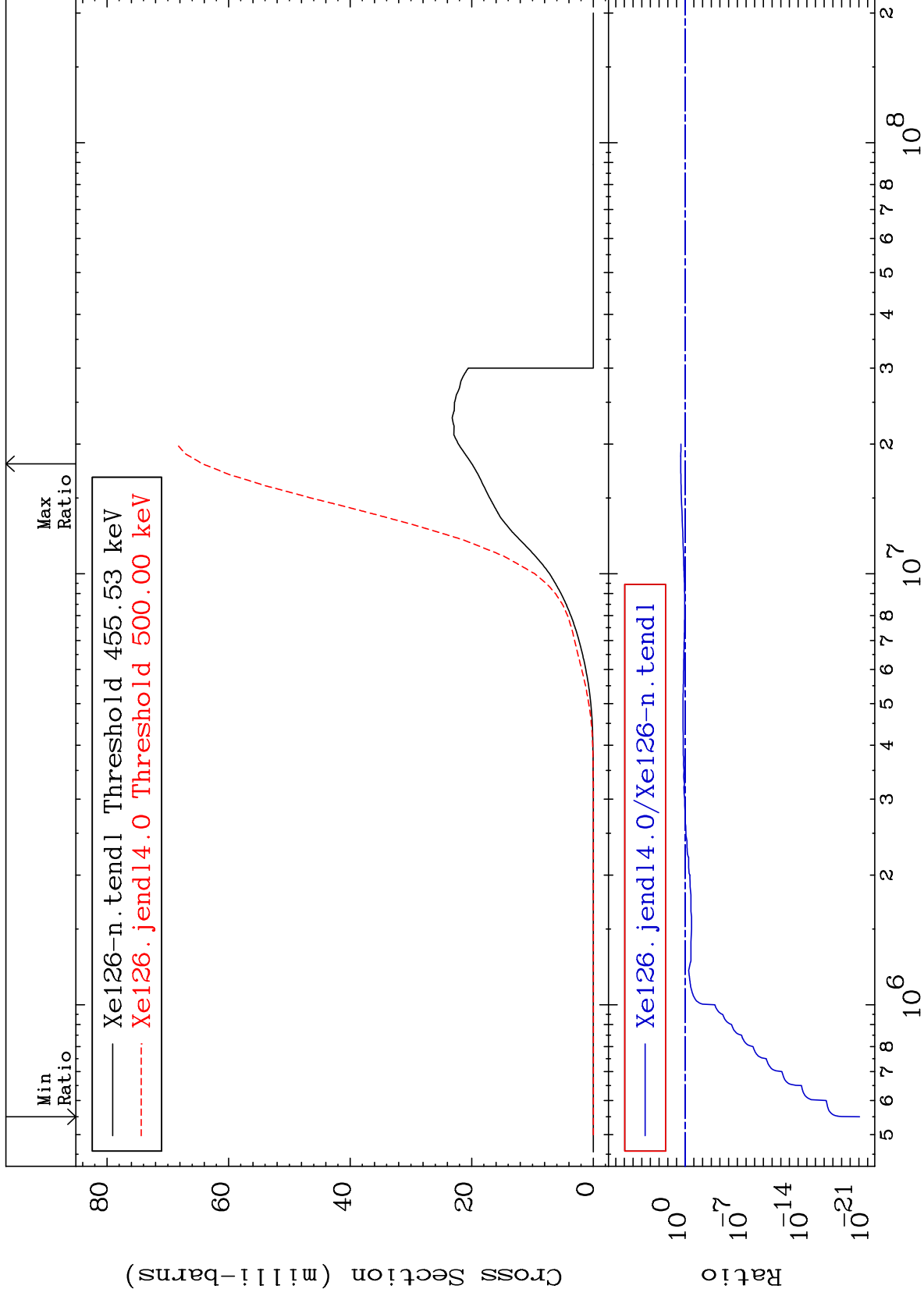
MAT 5431

(n,p)

54-Xe-126

Cross Section

-100.0 To 222.1 %



21

Incident Energy (eV)

54-Xe-126

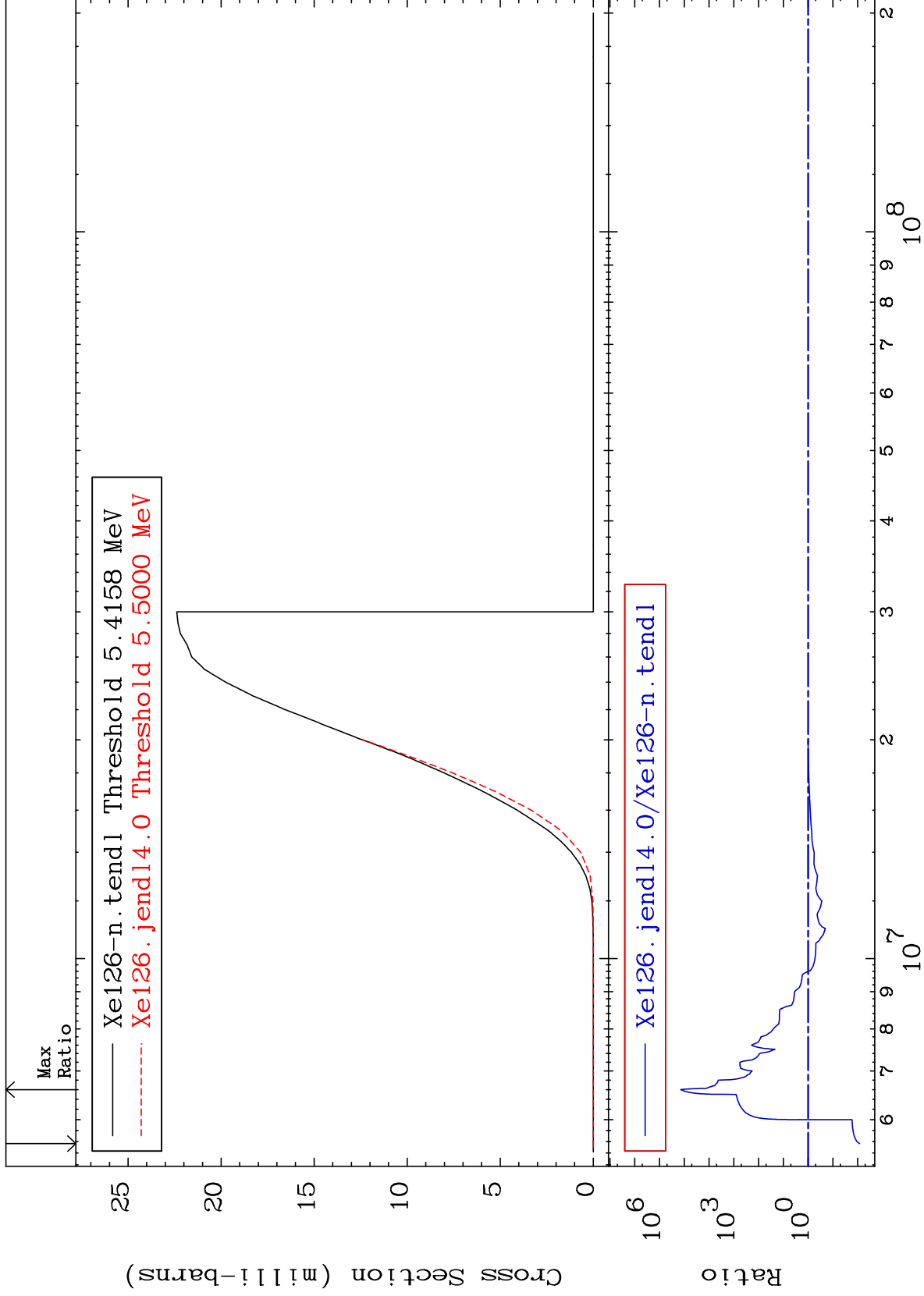
MAT 5431

(n, d)

54-Xe-126

Cross Section

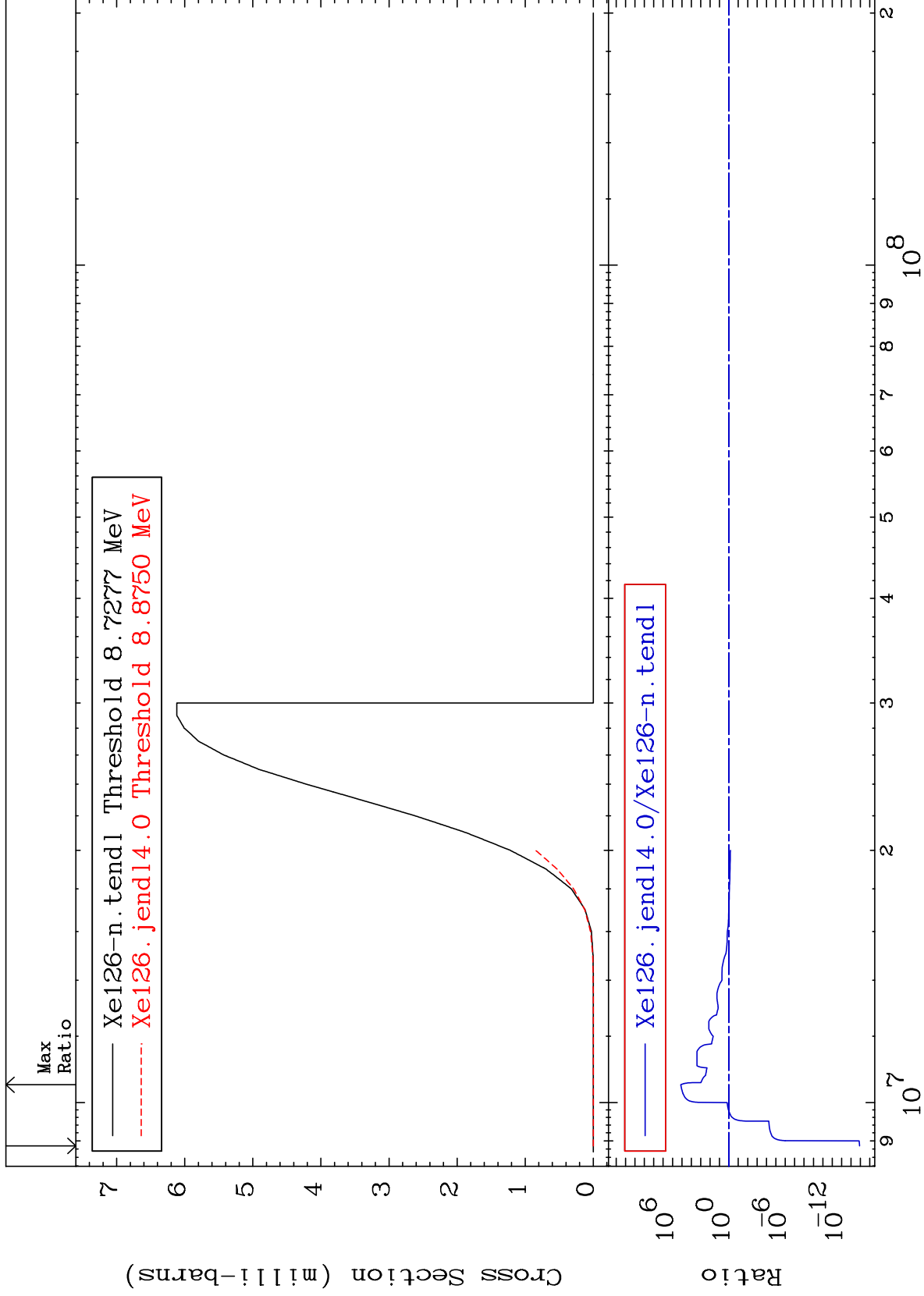
-99.16 To 9999. %



MAT 5431

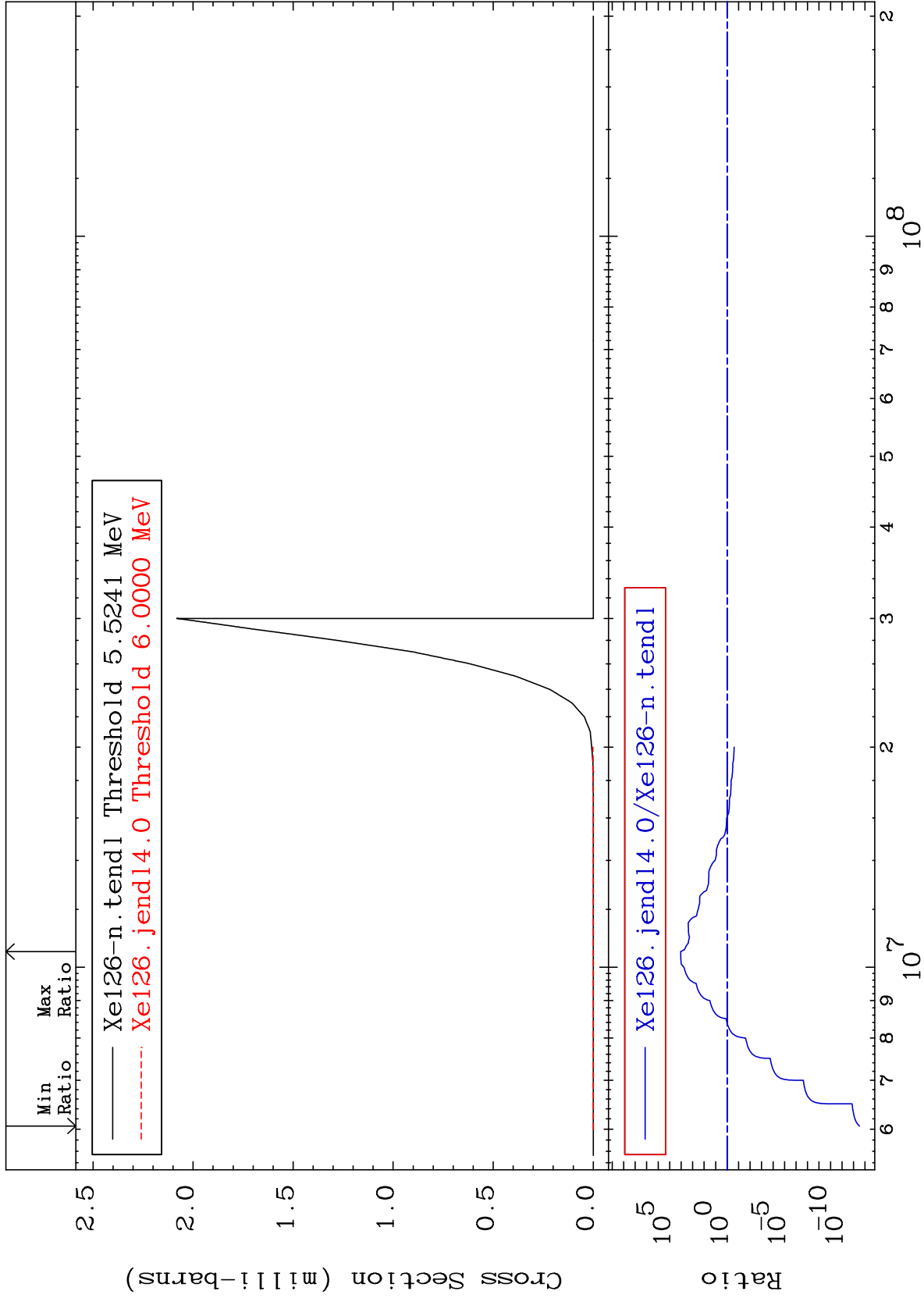
(n, t)
Cross Section

54-Xe-126
-100.0 To 9999. %



Cross Section

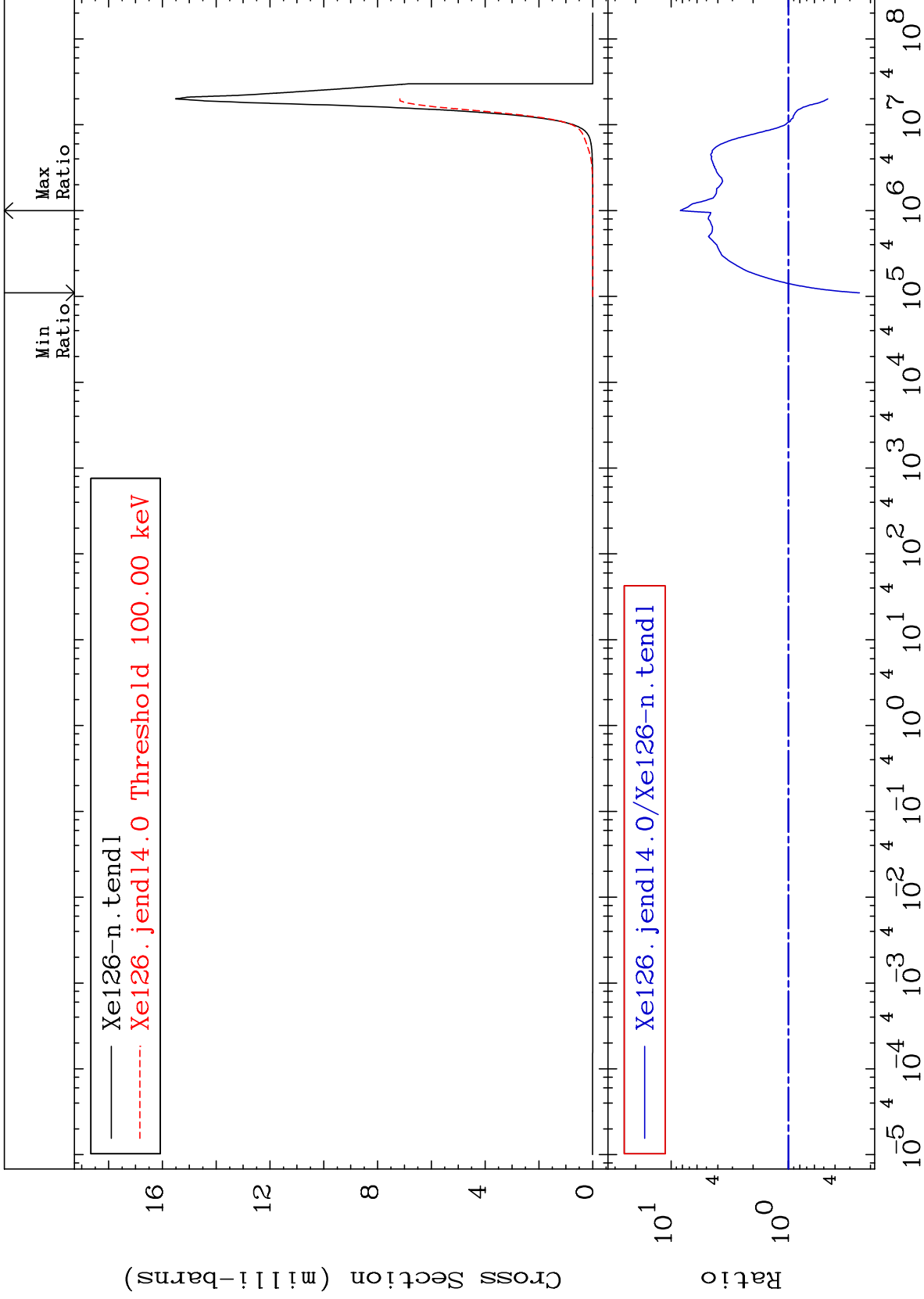
-100.0 To 9999. %



MAT 5431

(n, α)
Cross Section

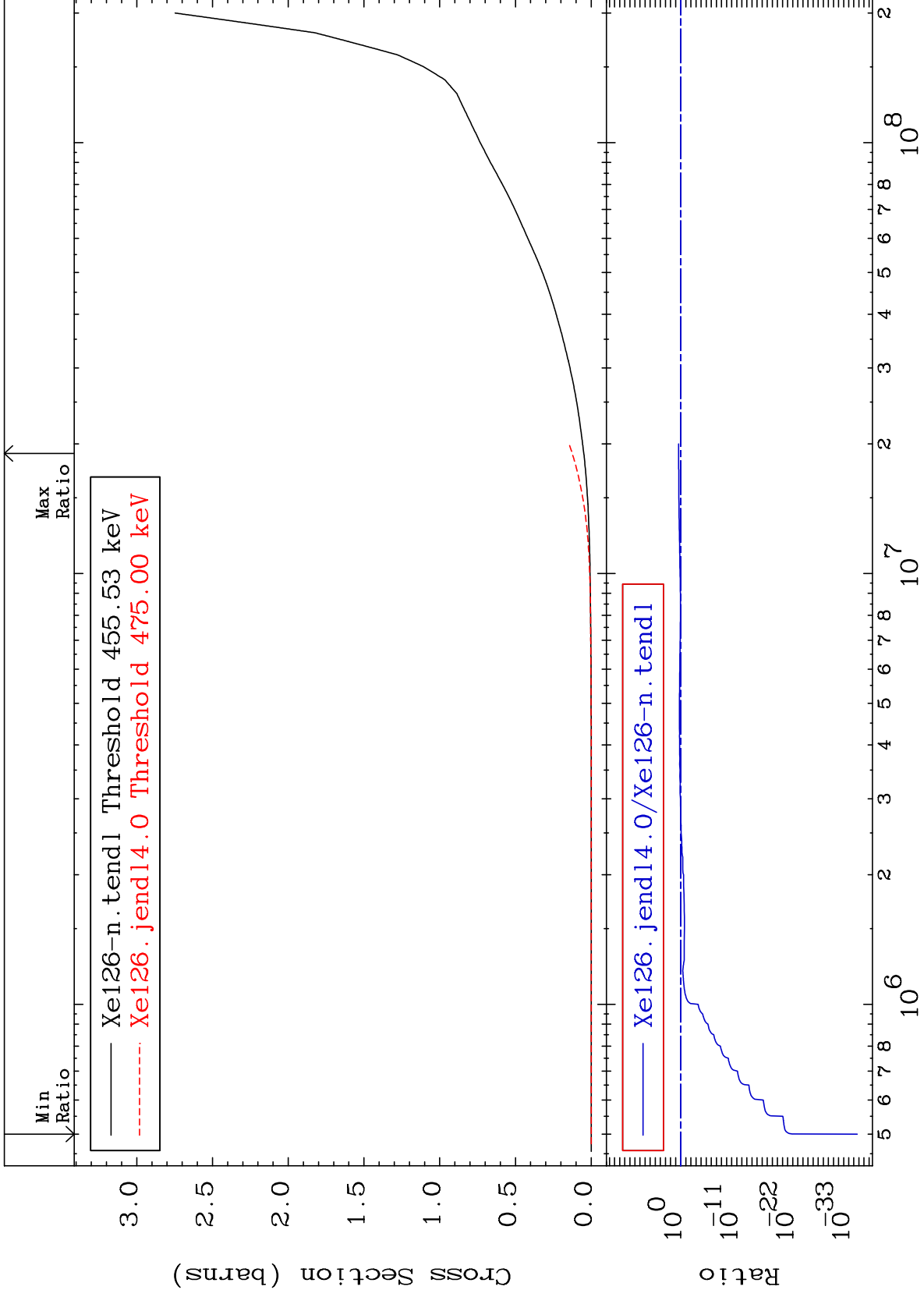
54-Xe-126
-75.17 To 733.1 %



25

Incident Energy (eV)

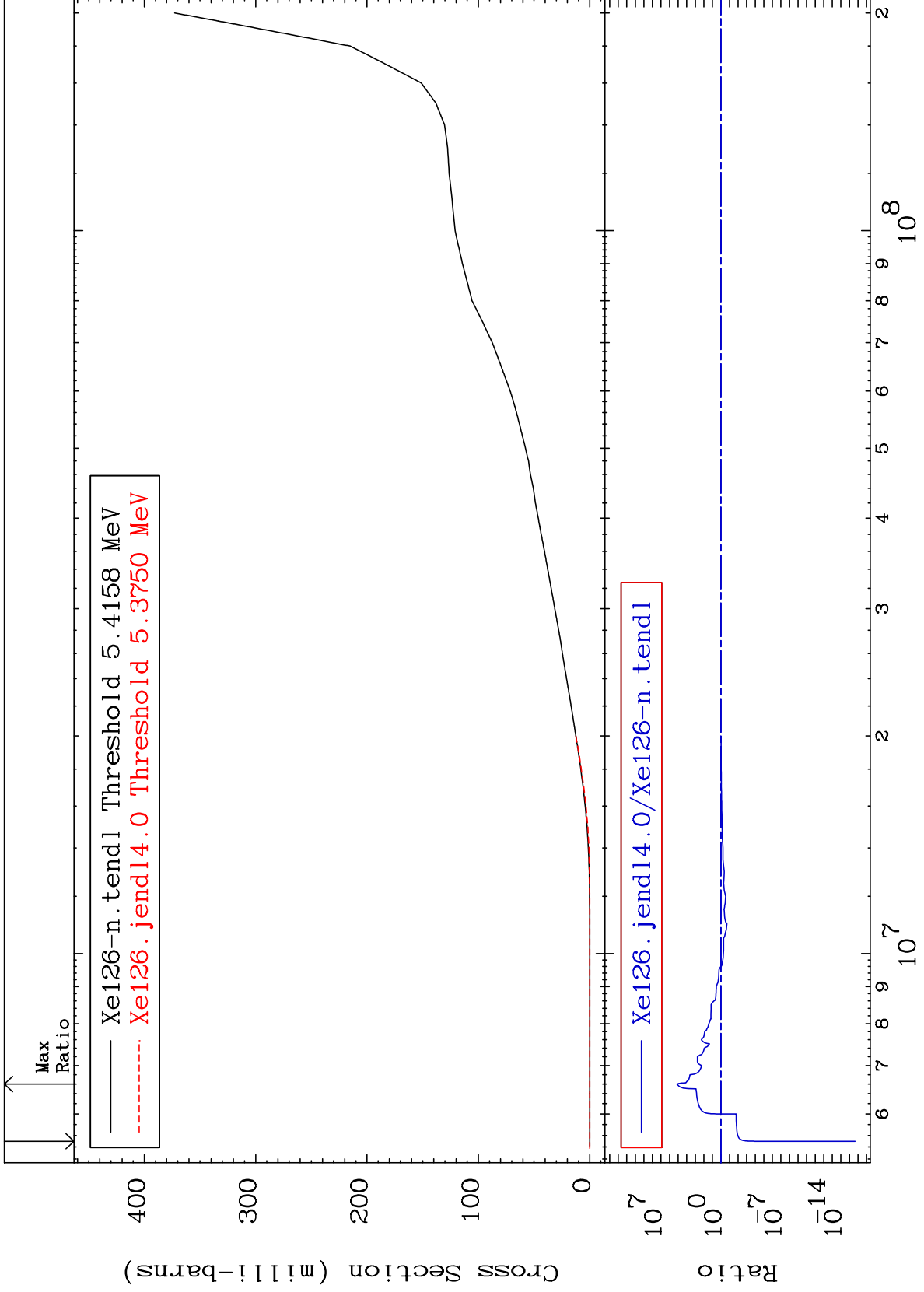
54-Xe-126



MAT 5431

Deuterium Production
Cross Section

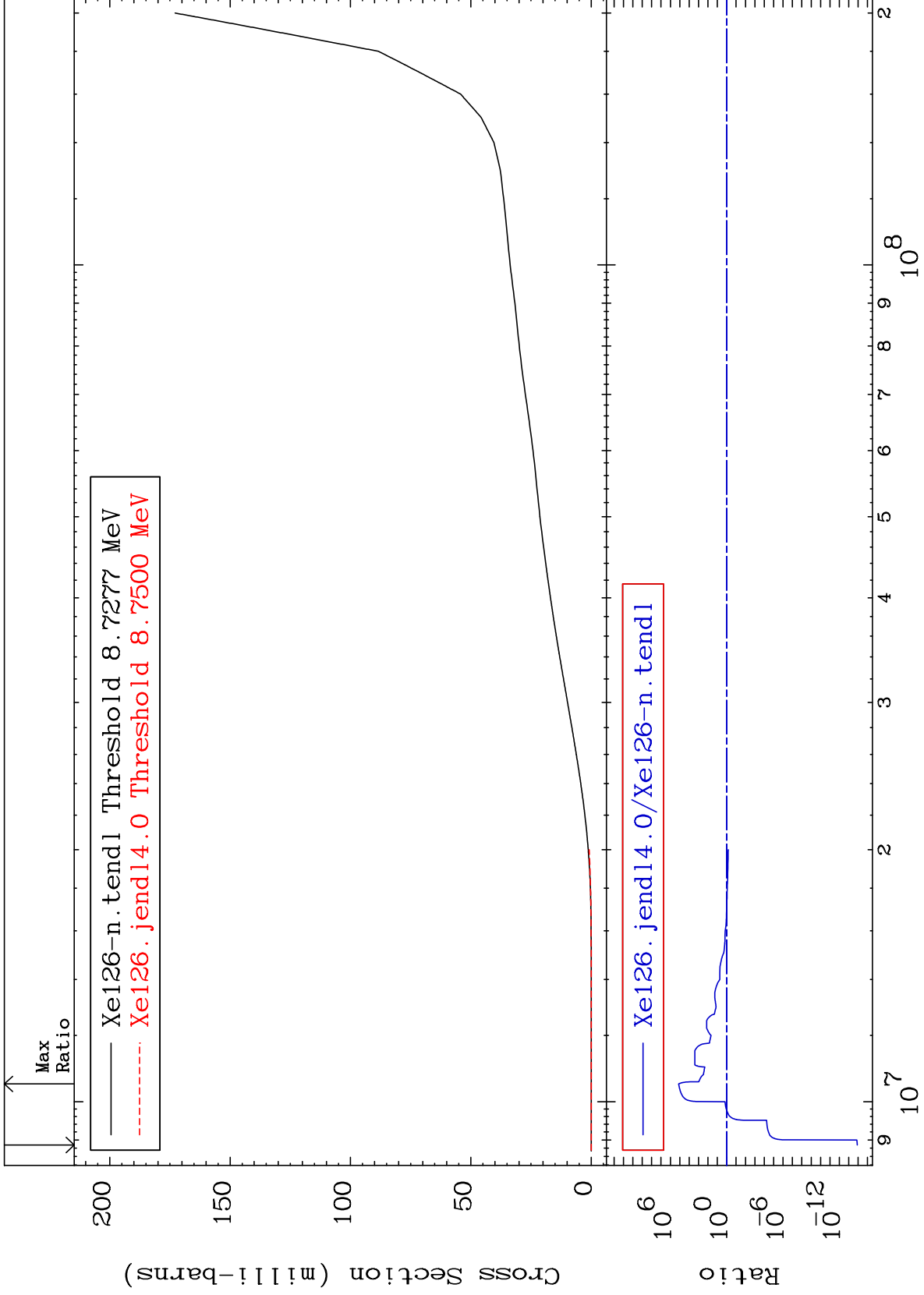
54-Xe-126
-100.0 To 9999. %



MAT 5431

Tritium Production
Cross Section

54-Xe-126
-100.0 To 9999. %



28

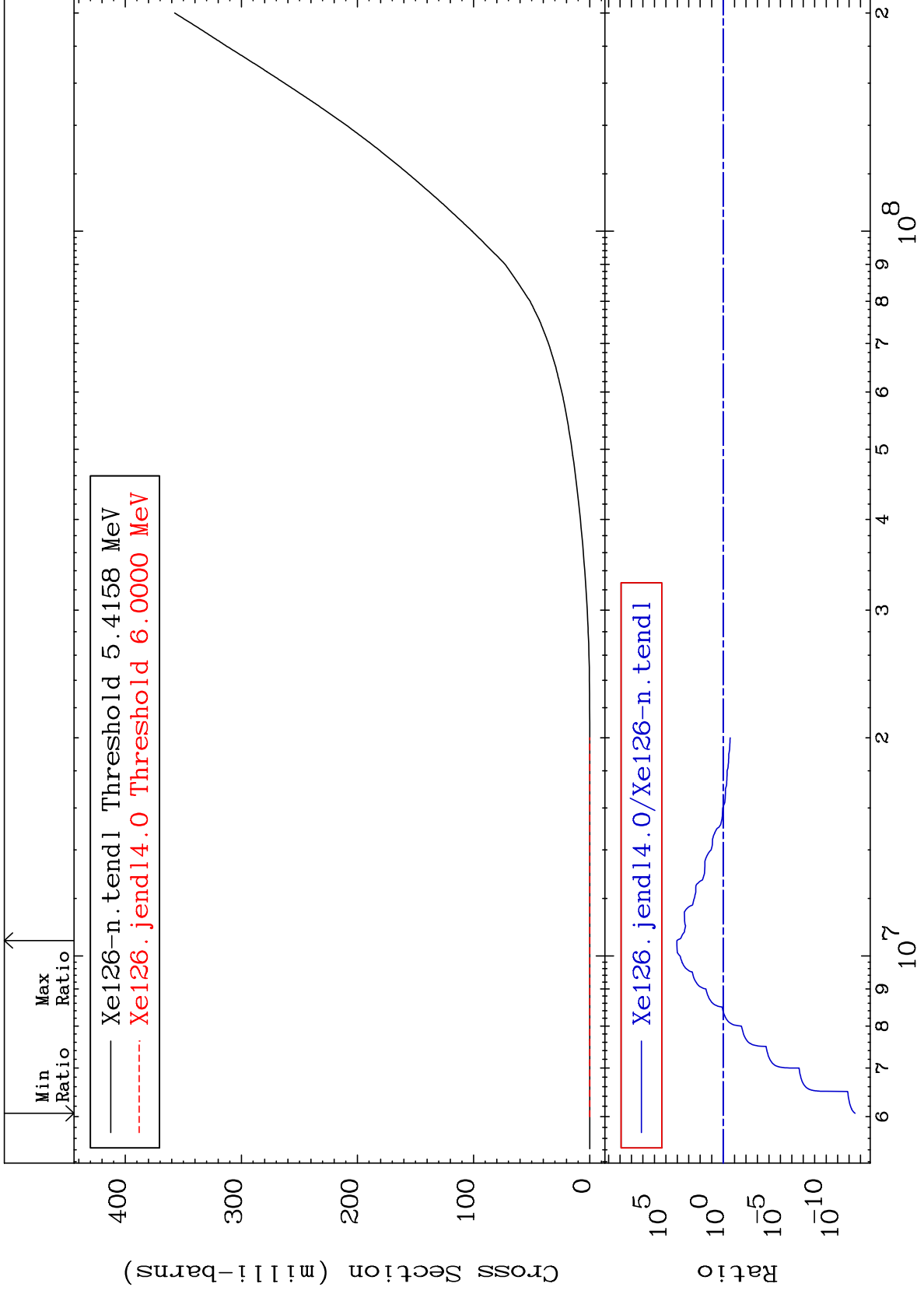
Incident Energy (eV)

54-Xe-126

MAT 5431

He-3 Production
Cross Section

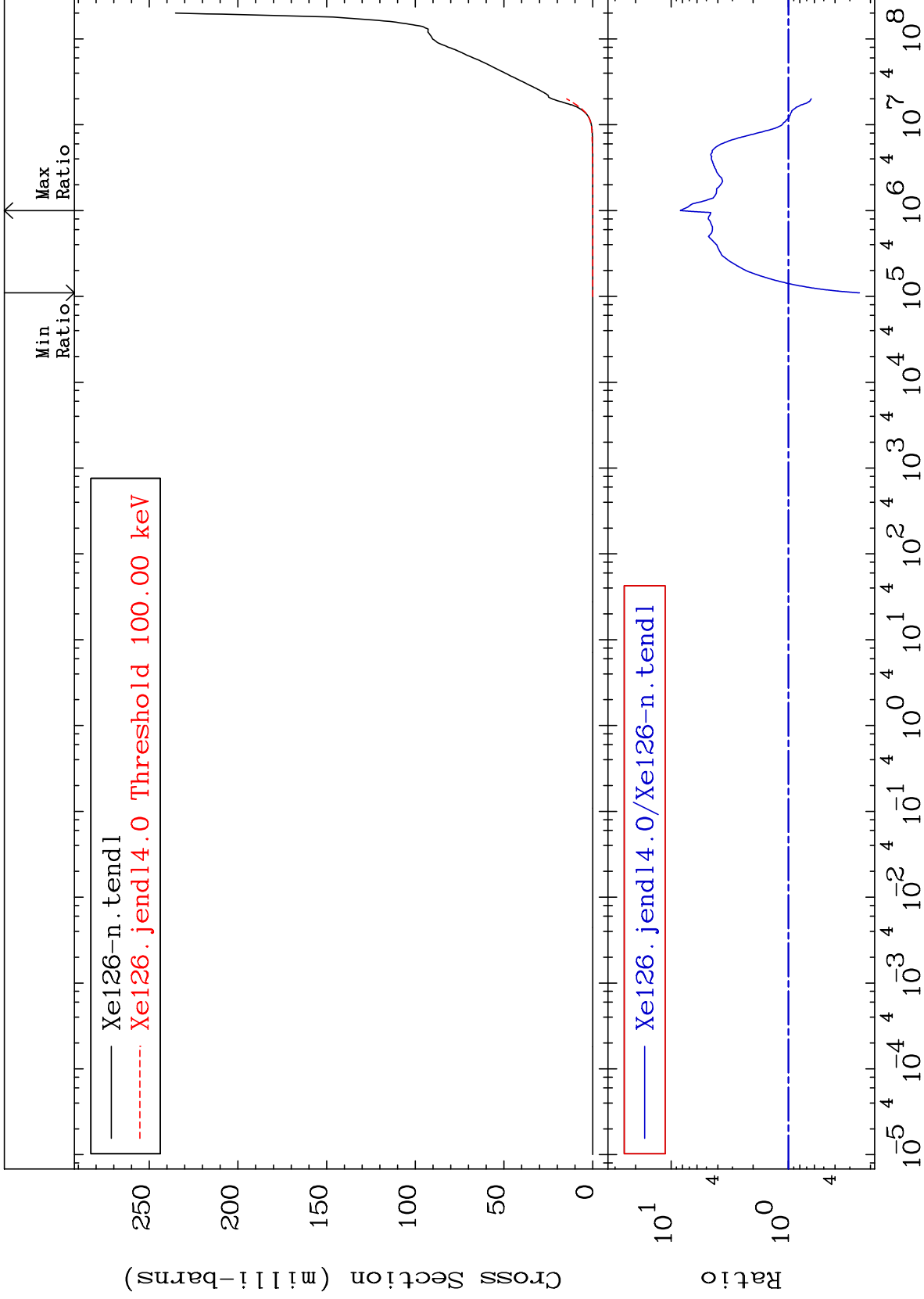
54-Xe-126
-100.0 To 9999. %



MAT 5431

He-4 Production
Cross Section

54-Xe-126
-75.17 To 733.1 %



30

Incident Energy (eV)

54-Xe-126

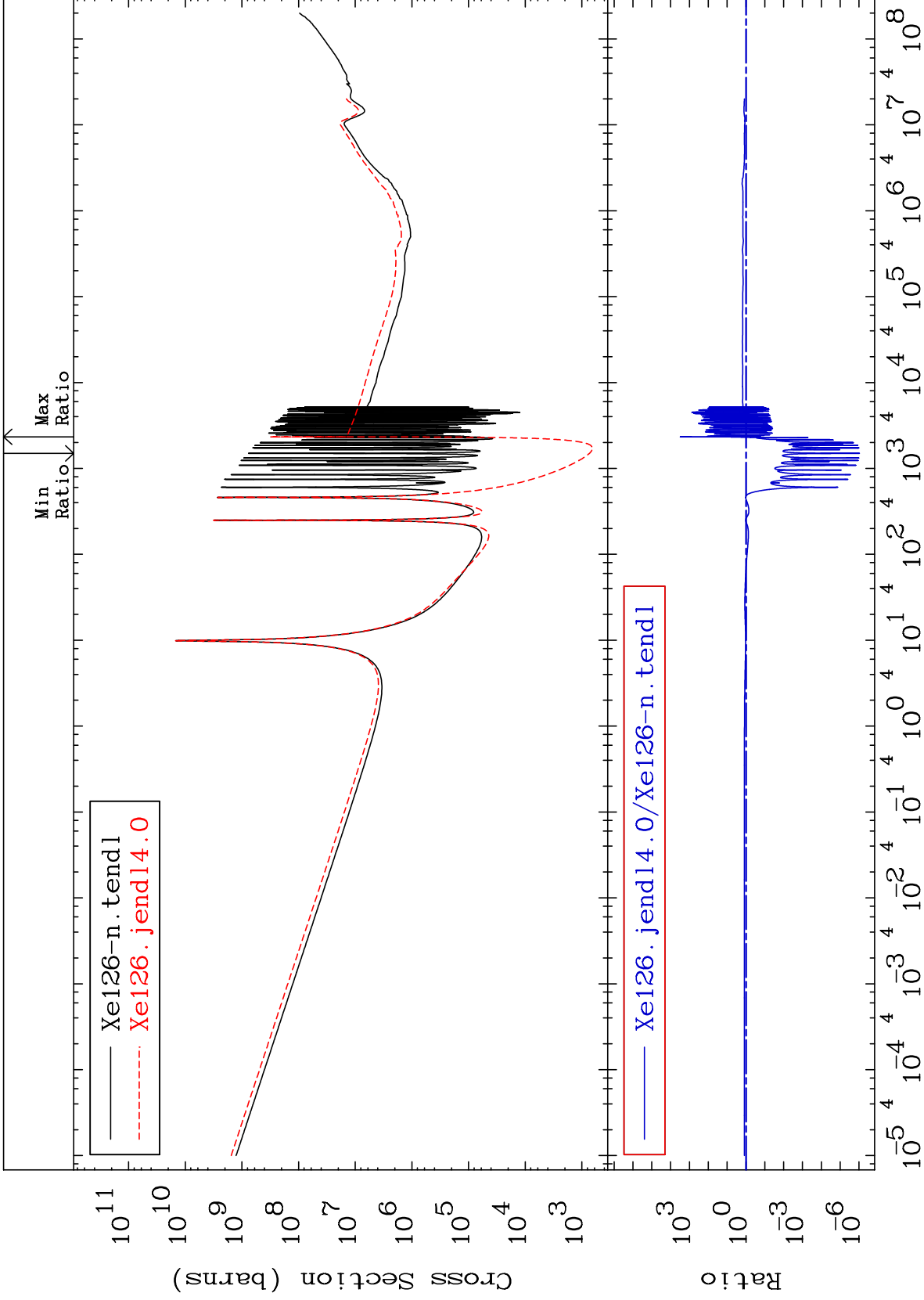
MAT 5431

Kerma total (eV-barns)

54-Xe-126

Cross Section

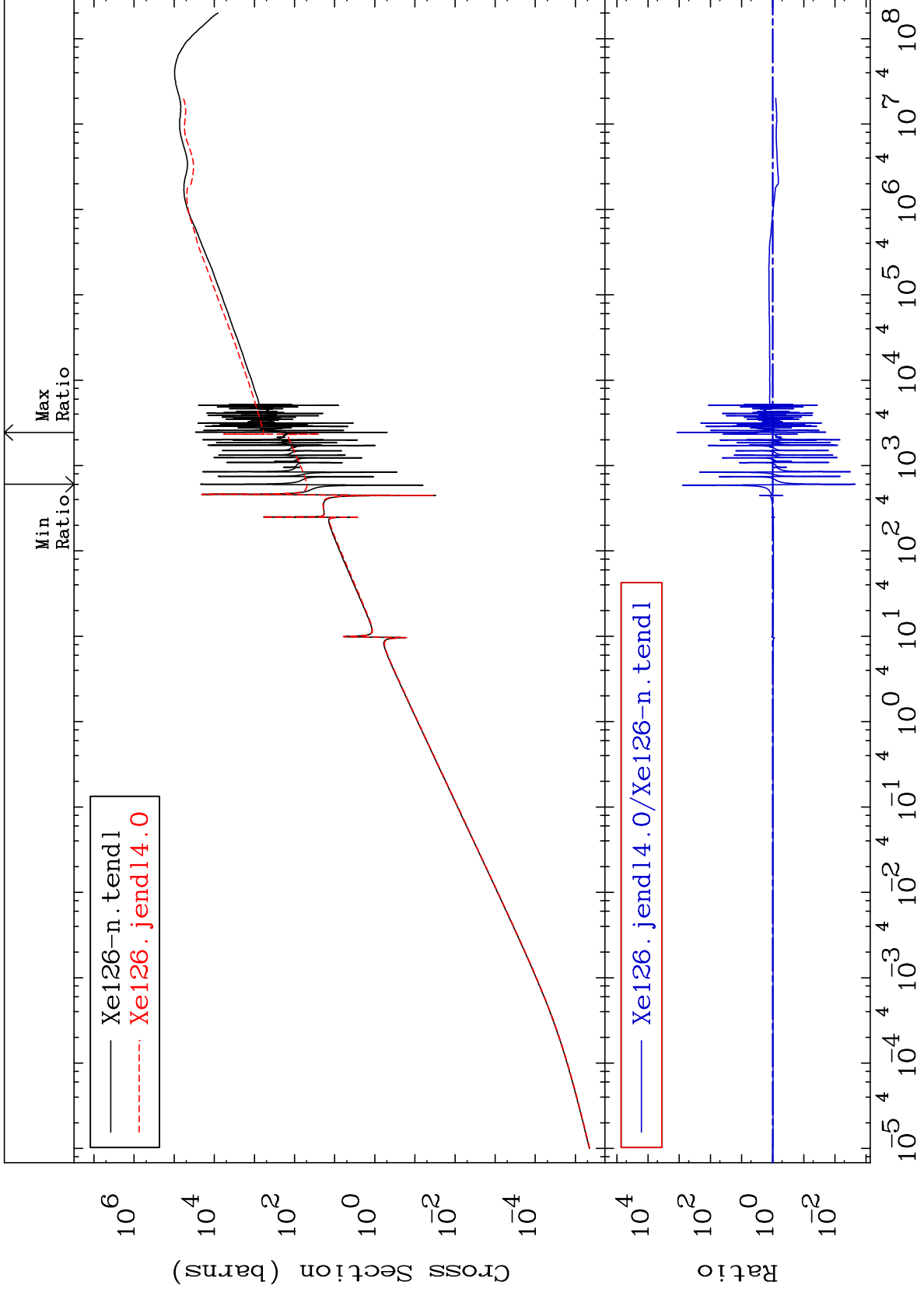
-100.0 To 9999. %



MAT 5431

Kerma elastic
Cross Section

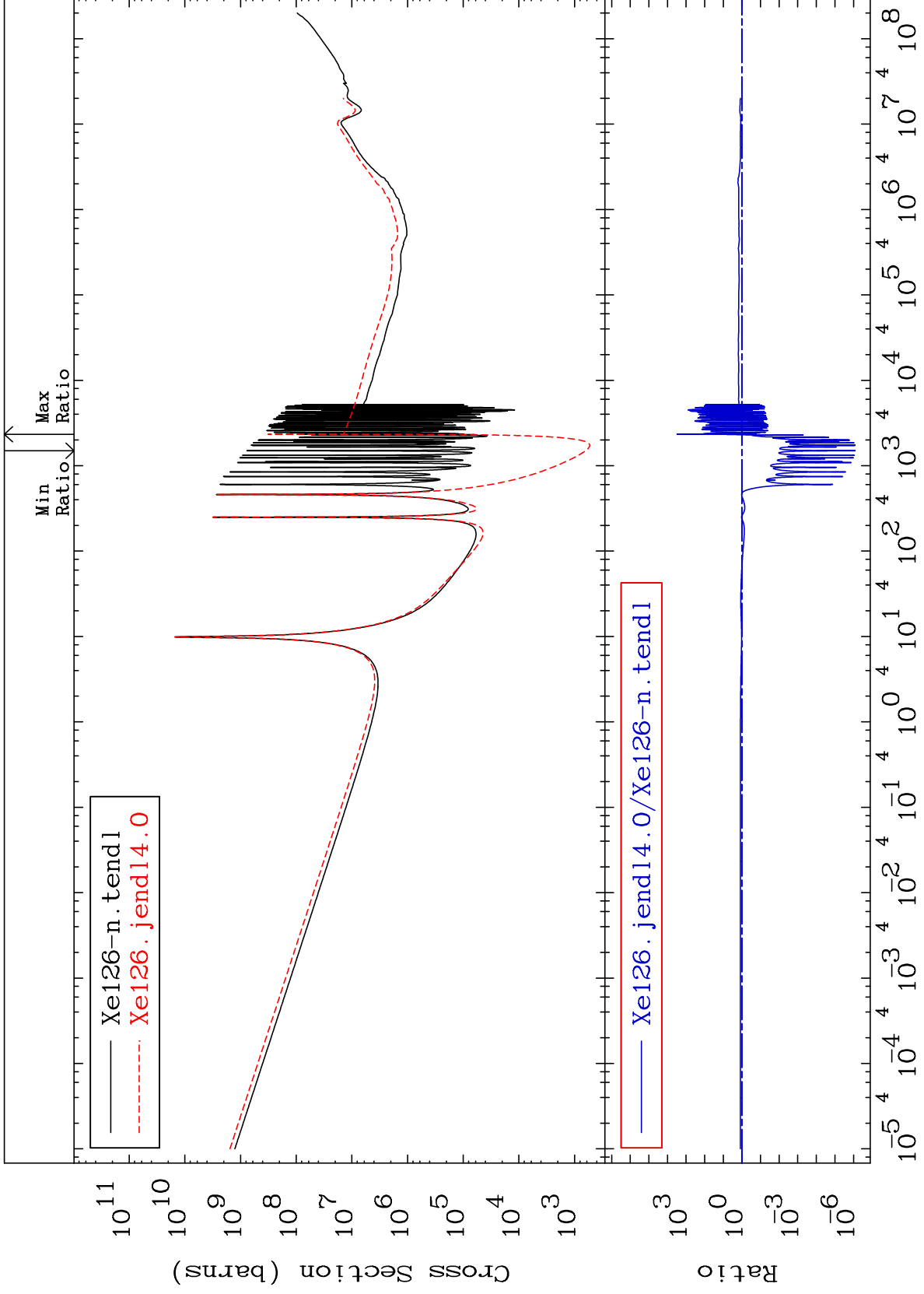
54-Xe-126
-99.77 To 9999. %



MAT 5431

Kerma non-elastic (all but mt2)
Cross Section

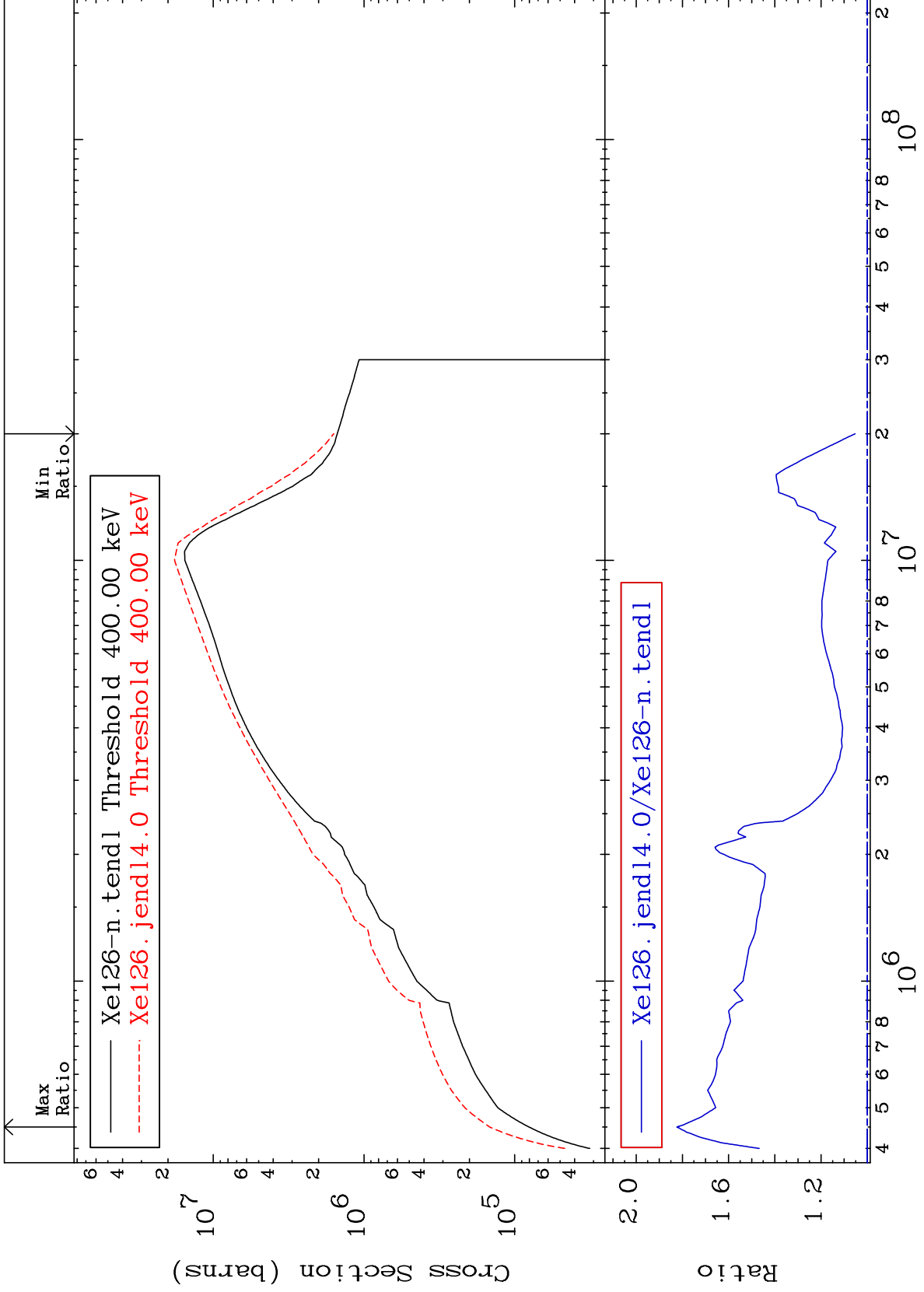
54-Xe-126
-100.0 To 9999. %



MAT 5431

Kerma inelastic (mt51-91)
Cross Section

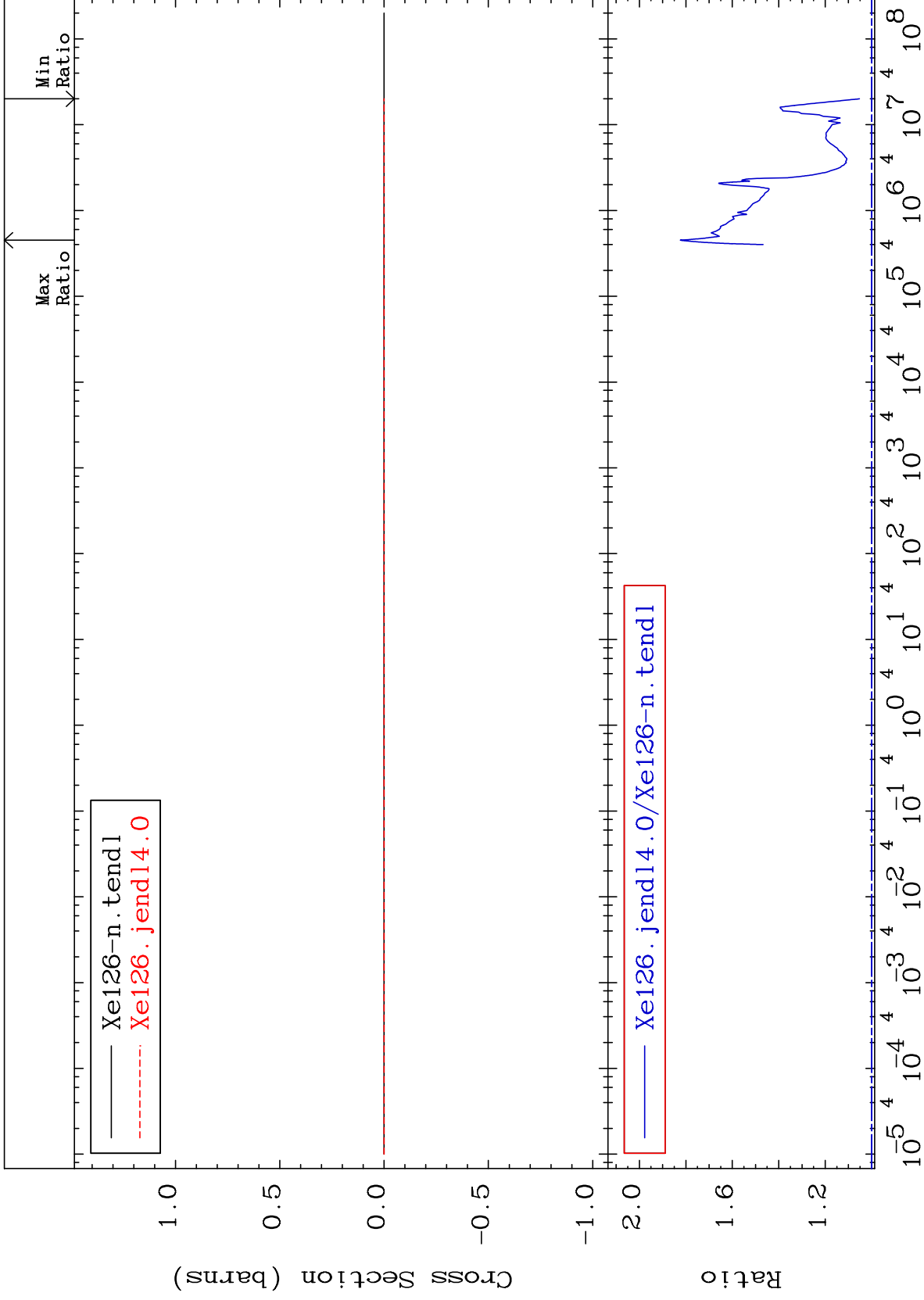
54-Xe-126
5.280 To 82.36 %



MAT 5431

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

54-Xe-126
5.280 To 82.36 %



35

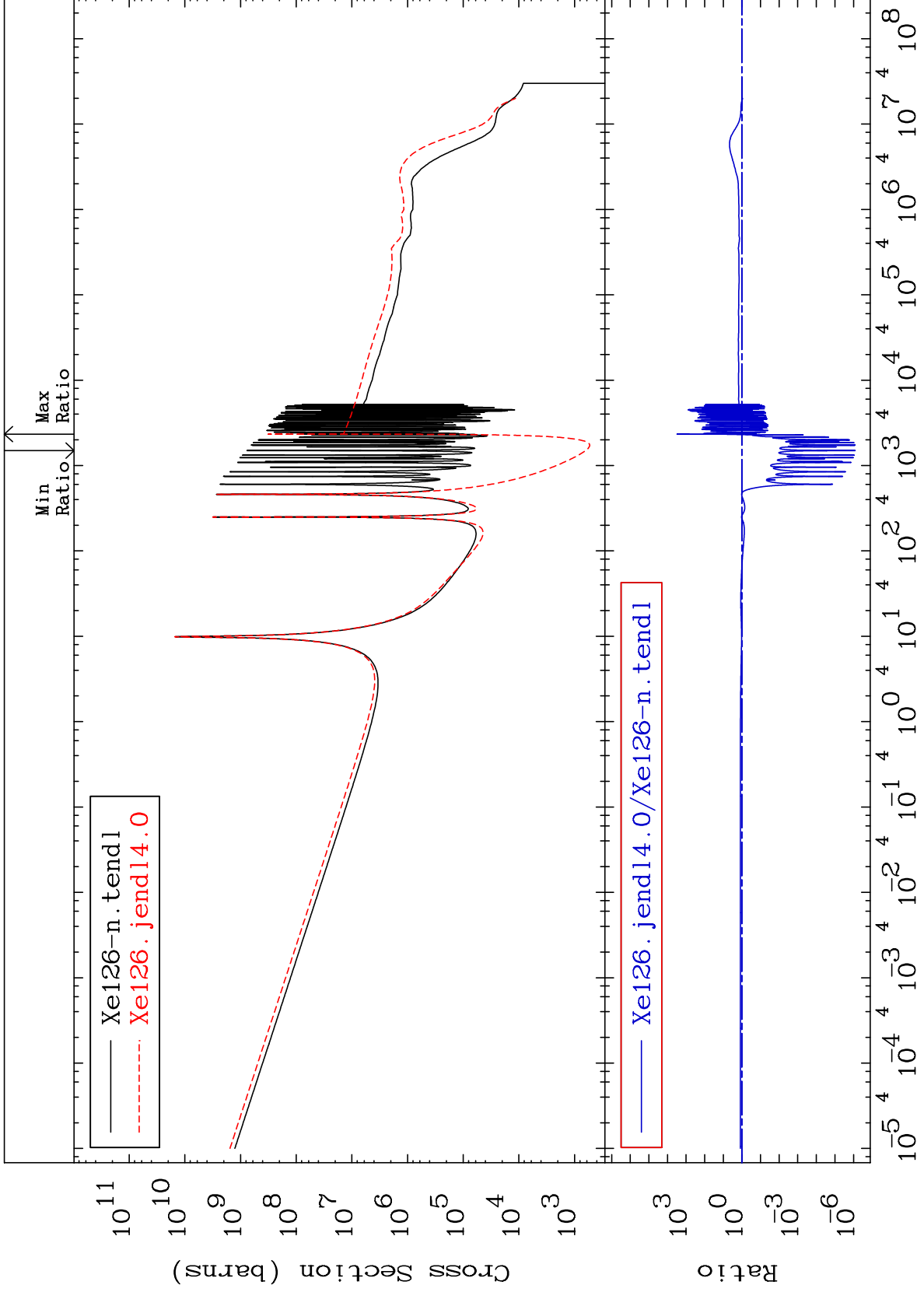
Incident Energy (eV)

54-Xe-126

MAT 5431

Kerma capture (mt102)
Cross Section

54-Xe-126
-100.0 To 9999. %



36

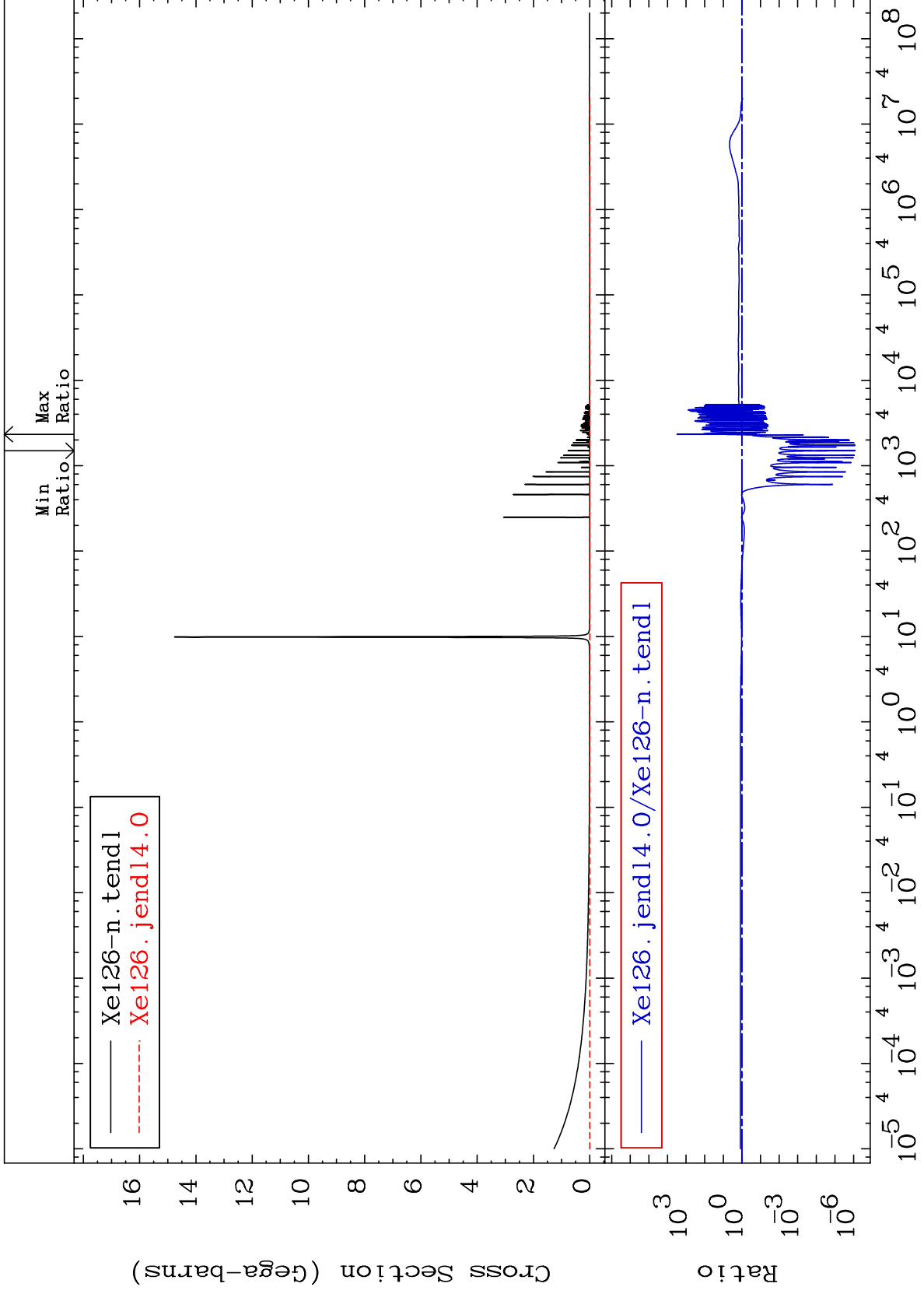
Incident Energy (eV)

54-Xe-126

MAT 5431

Total photon (eV-barns)
Cross Section

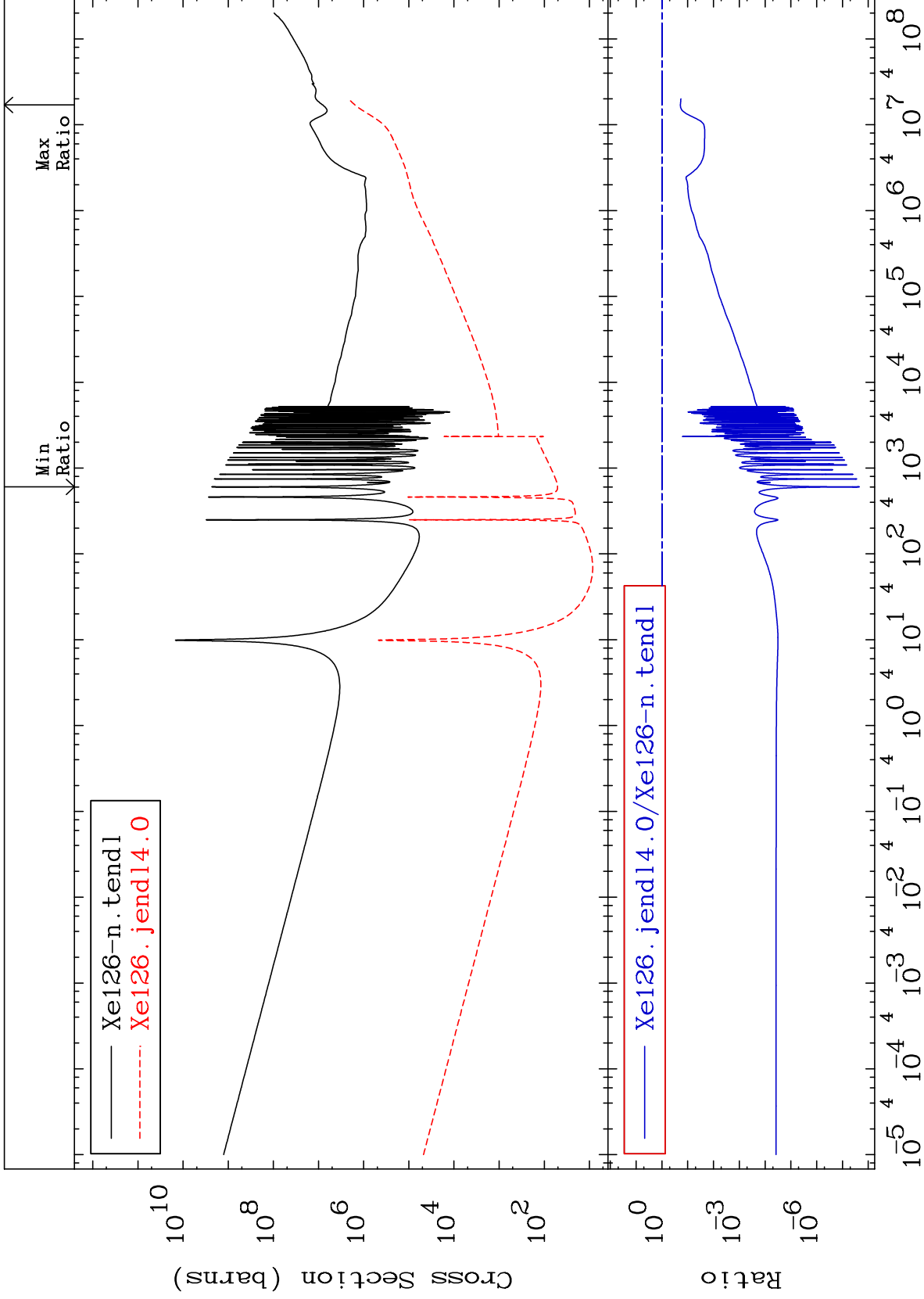
54-Xe-126
-100.0 To 9999. %



37

Incident Energy (eV)

54-Xe-126



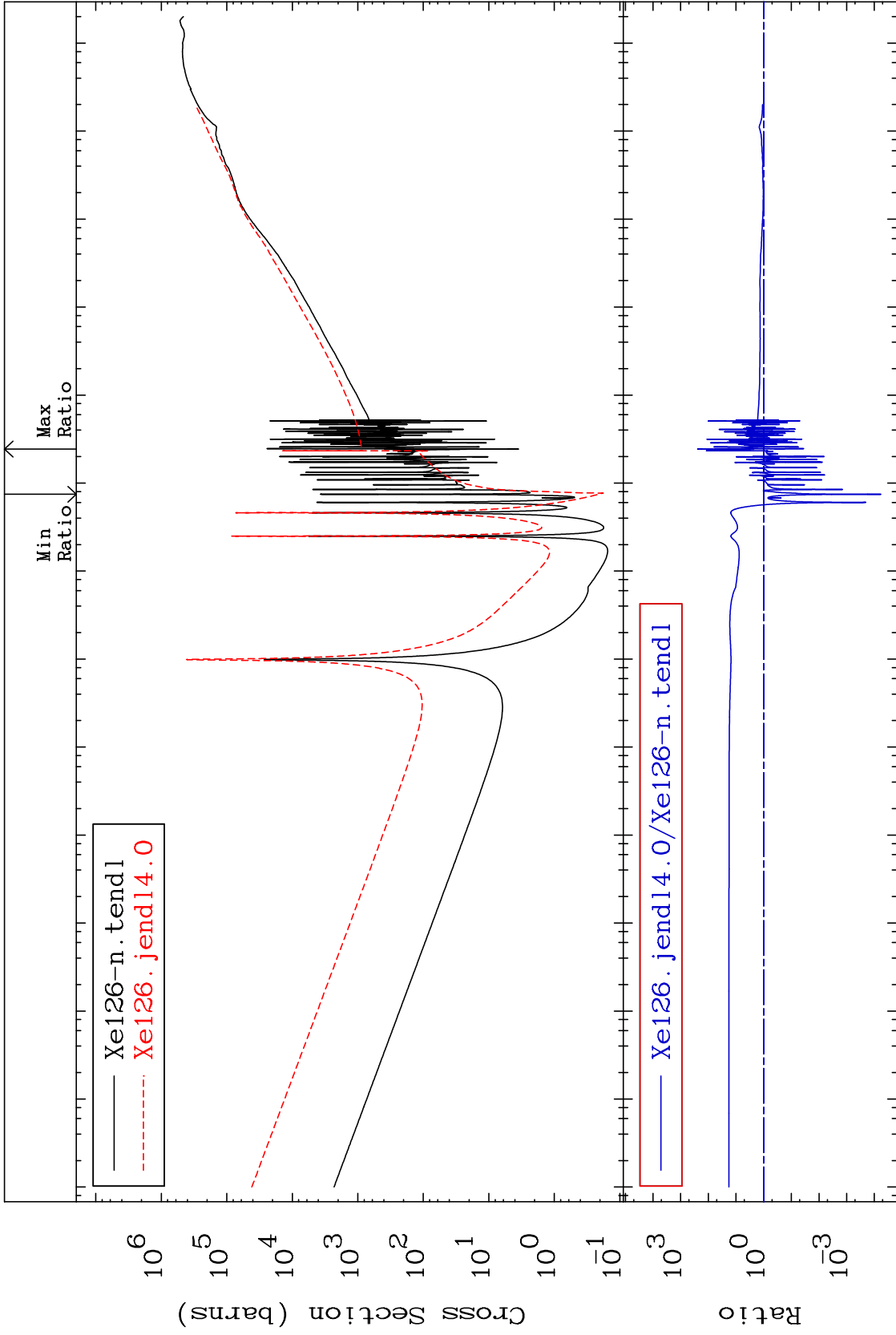
MAT 5431

Dpa total (eV-barns)

54-Xe-126

Cross Section

-99.99 To 9999. %



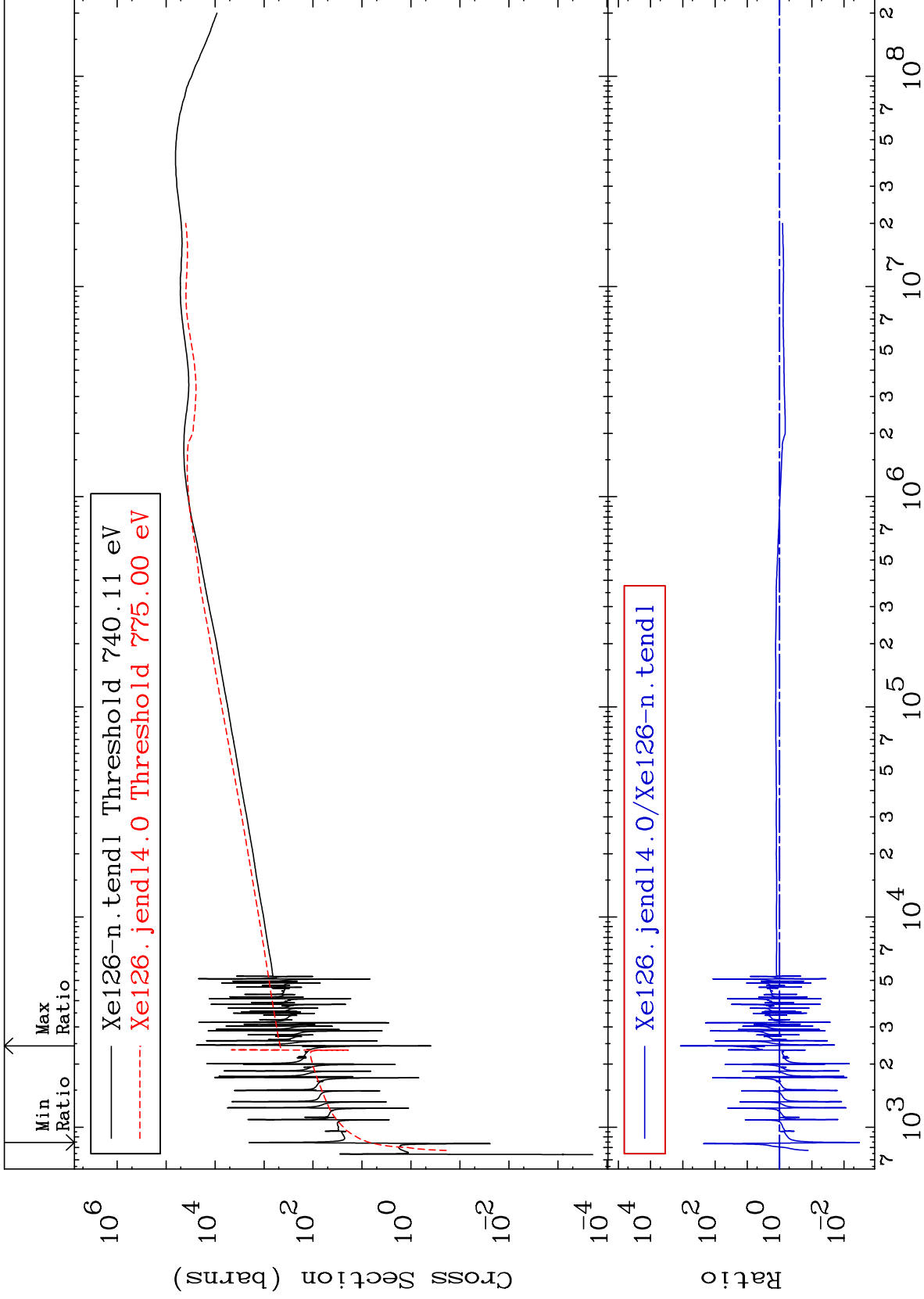
— Xe126-n.tendl
- - - Xe126.jendl4.0

— Xe126.jendl4.0/Xe126-n.tendl

MAT 5431

Dpa elastic (mt2)
Cross Section

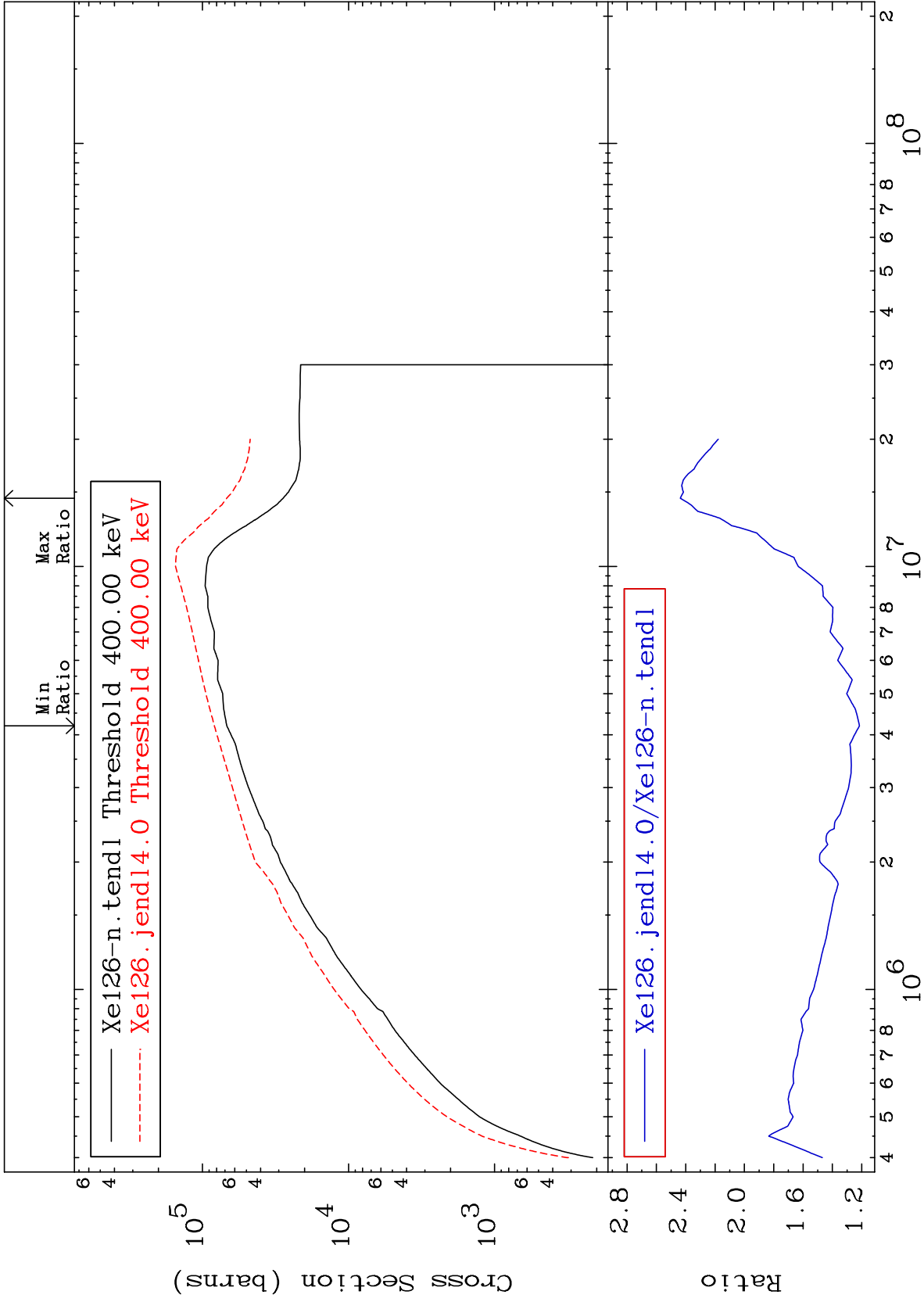
54-Xe-126
-99.67 To 9999. %



40

Incident Energy (eV)

54-Xe-126



MAT 5431

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-126
-100.0 To 9999. %

