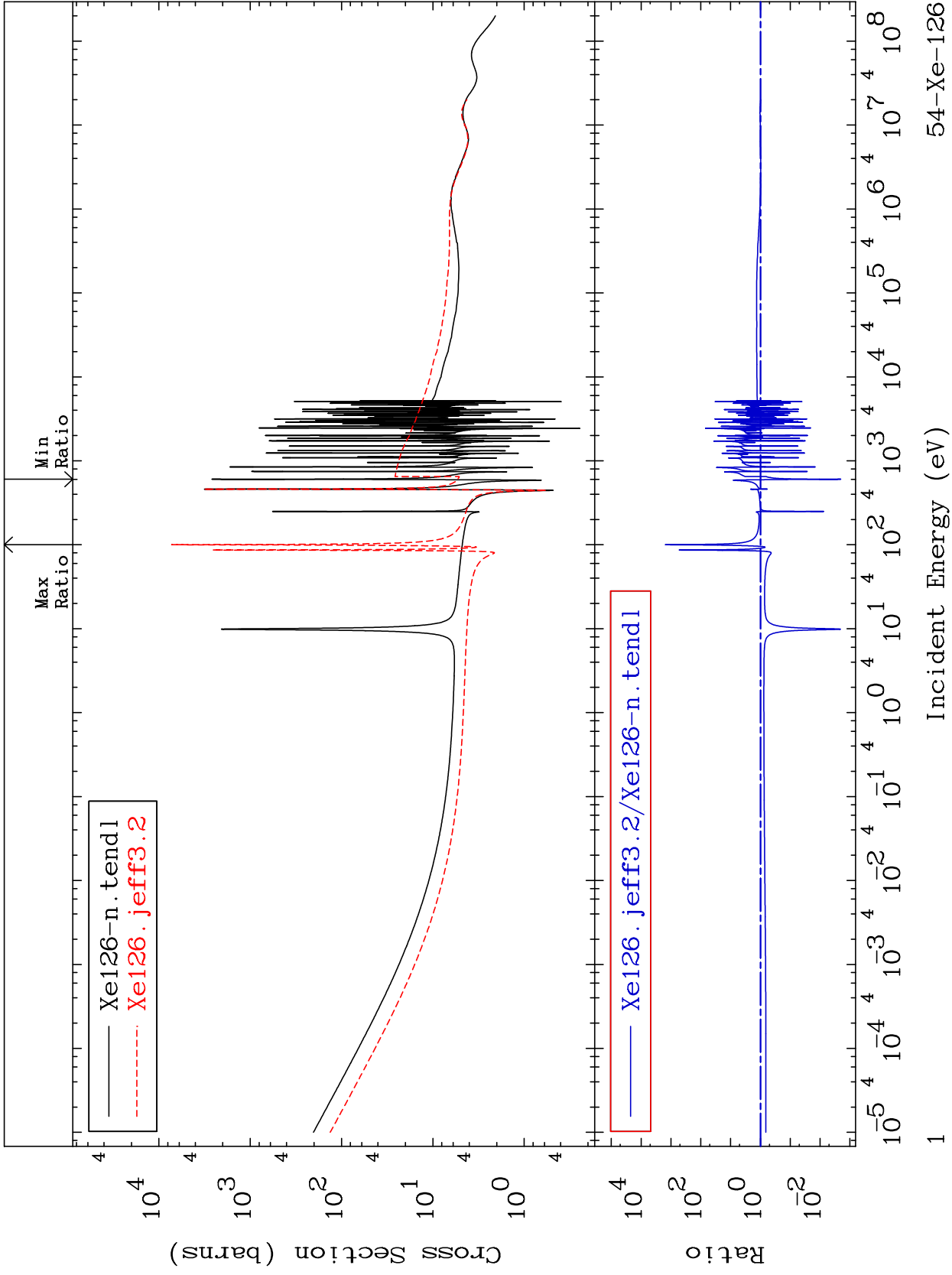


MAT 5431

Total Cross Section
54-Xe-126
-99.80 To 9999. %



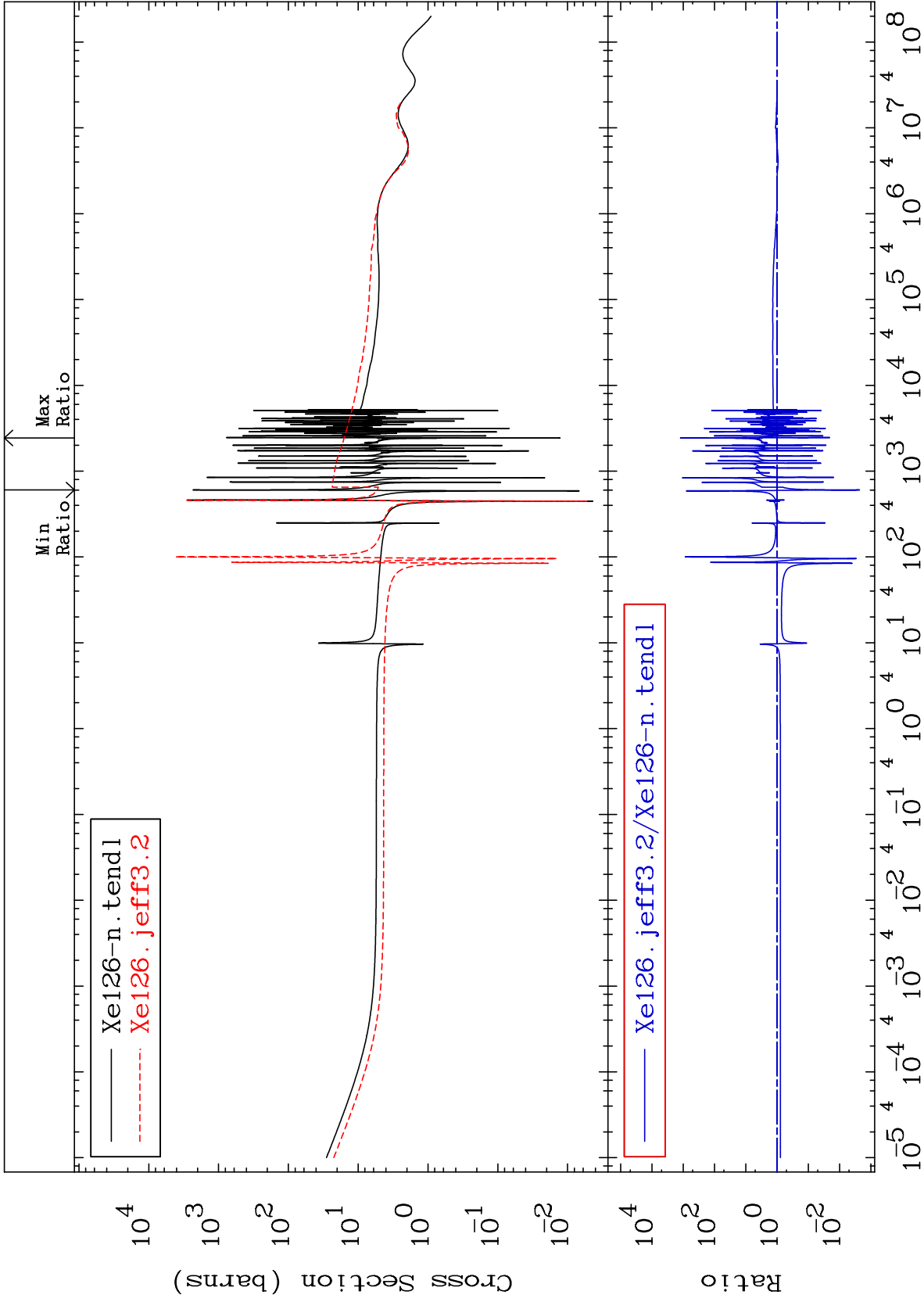
54-Xe-126

Incident Energy (eV)

MAT 5431

Elastic
Cross Section

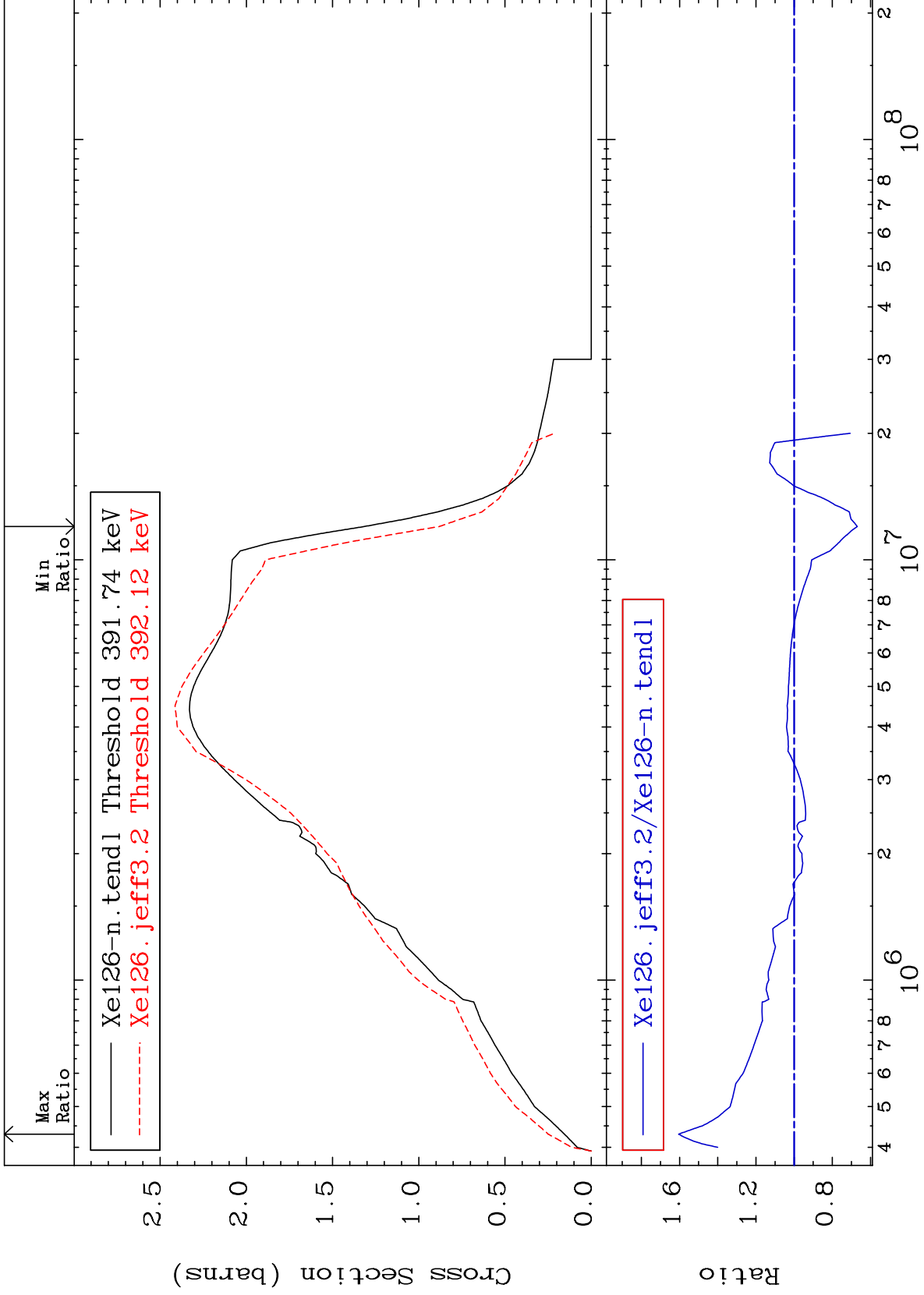
54-Xe-126
-99.77 To 9999. %



MAT 5431

Inelastic
Cross Section

54-Xe-126
-33.05 To 60.49 %



3

Incident Energy (eV)

54-Xe-126

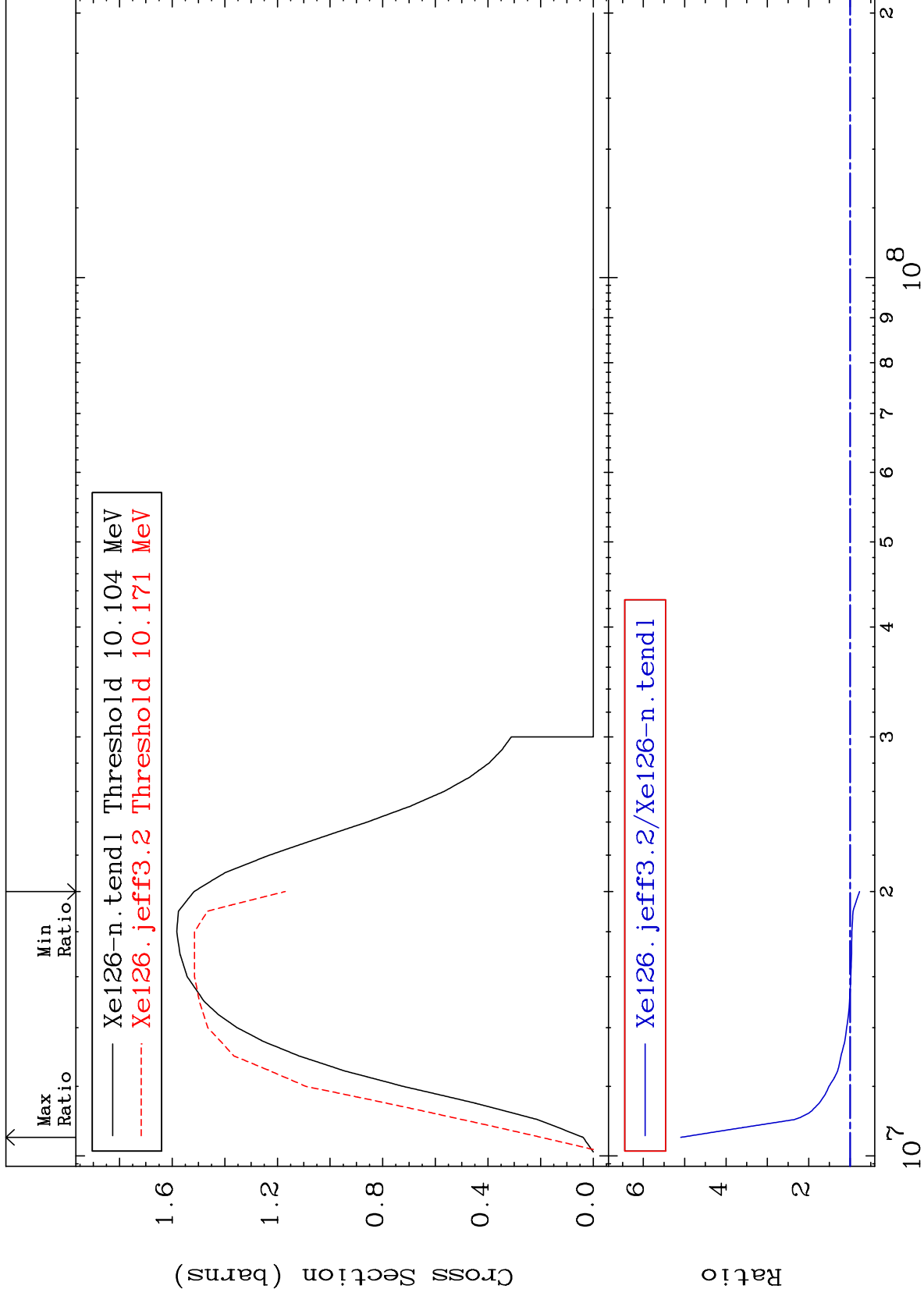
MAT 5431

(n,2n)

54-Xe-126

Cross Section

-22.86 To 409.5 %



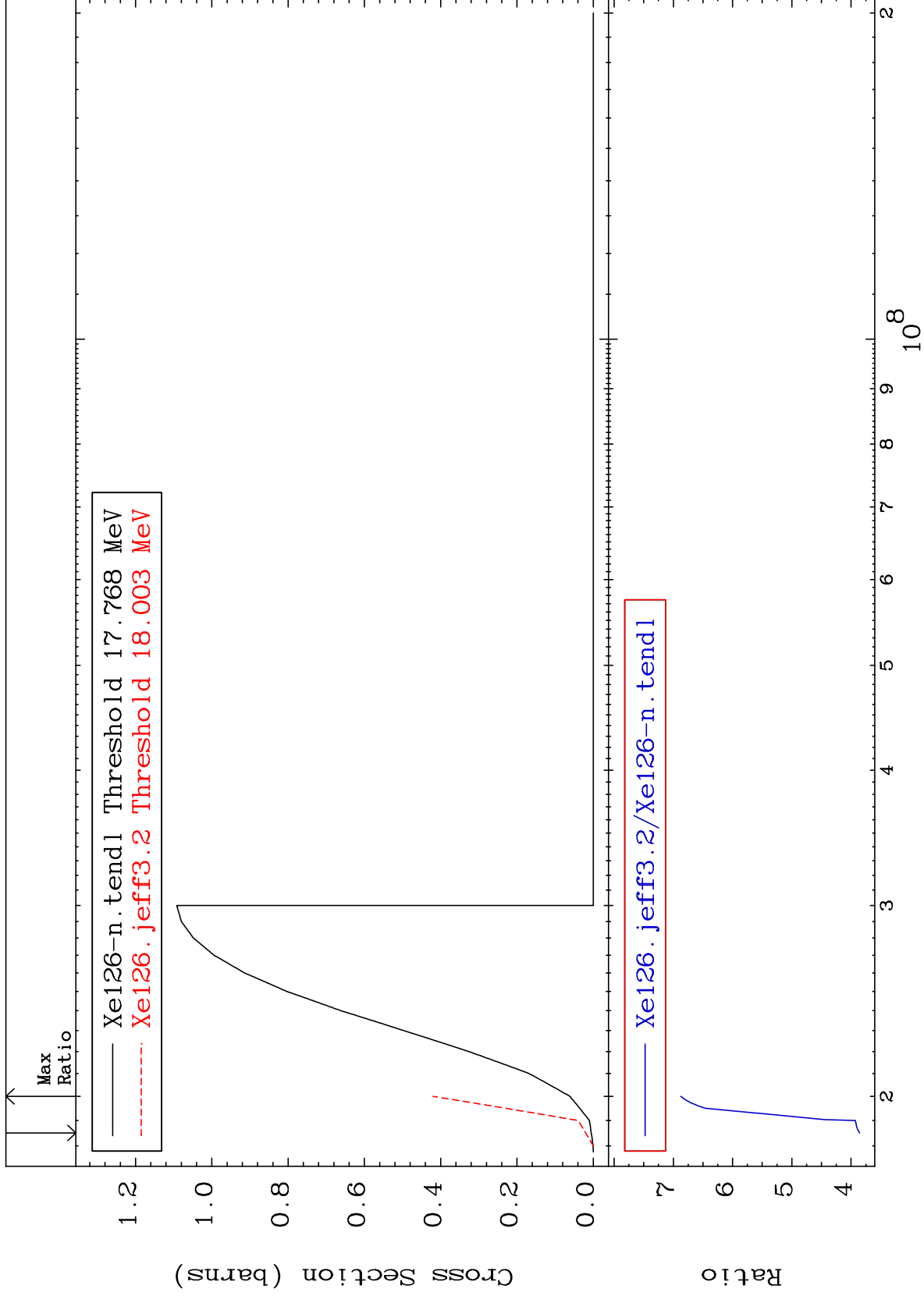
54-Xe-126

Incident Energy (eV)

MAT 5431

(n,3n)
Cross Section

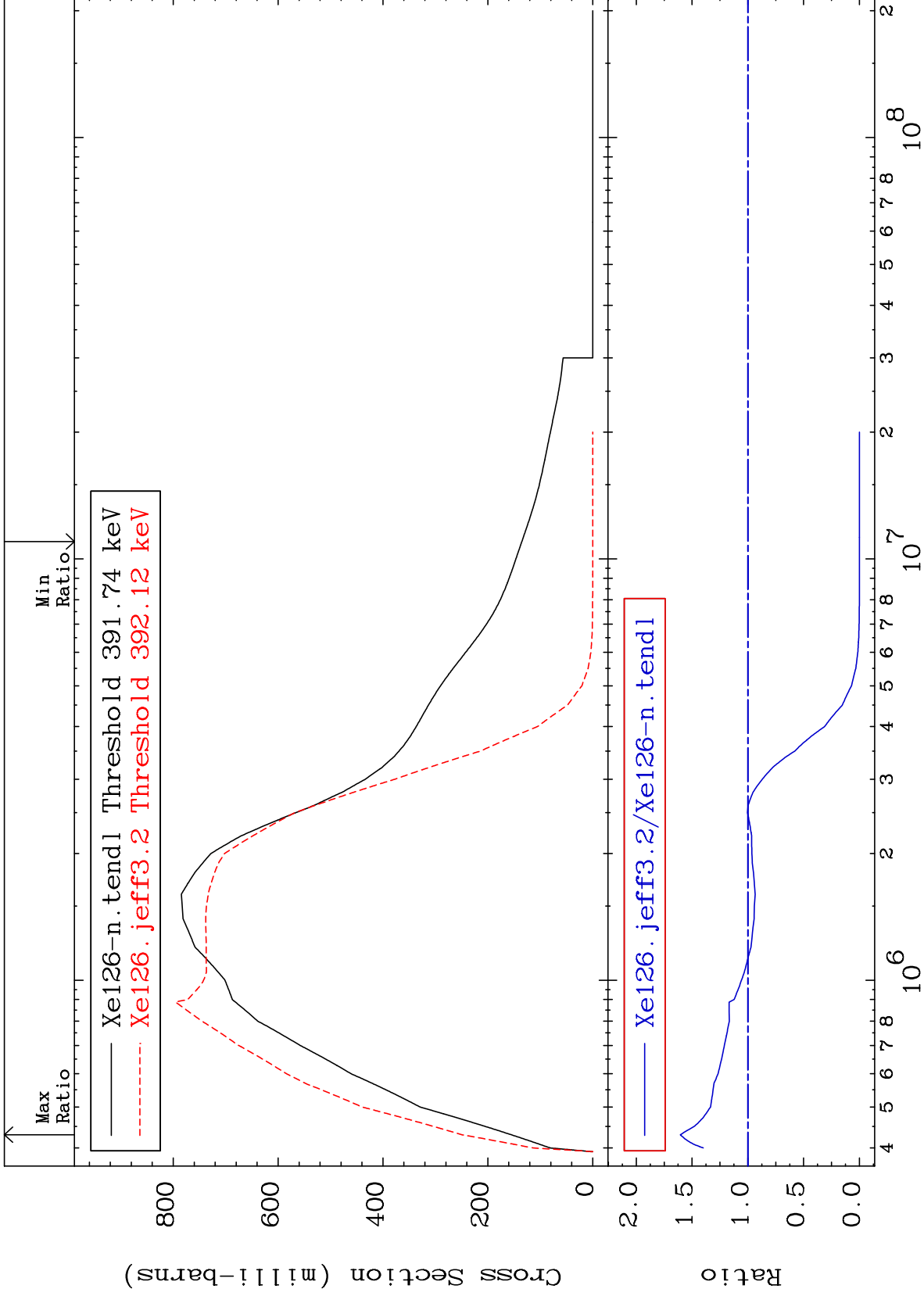
54-Xe-126
285.7 To 587.5 %



MAT 5431

388.6 keV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 60.49 %



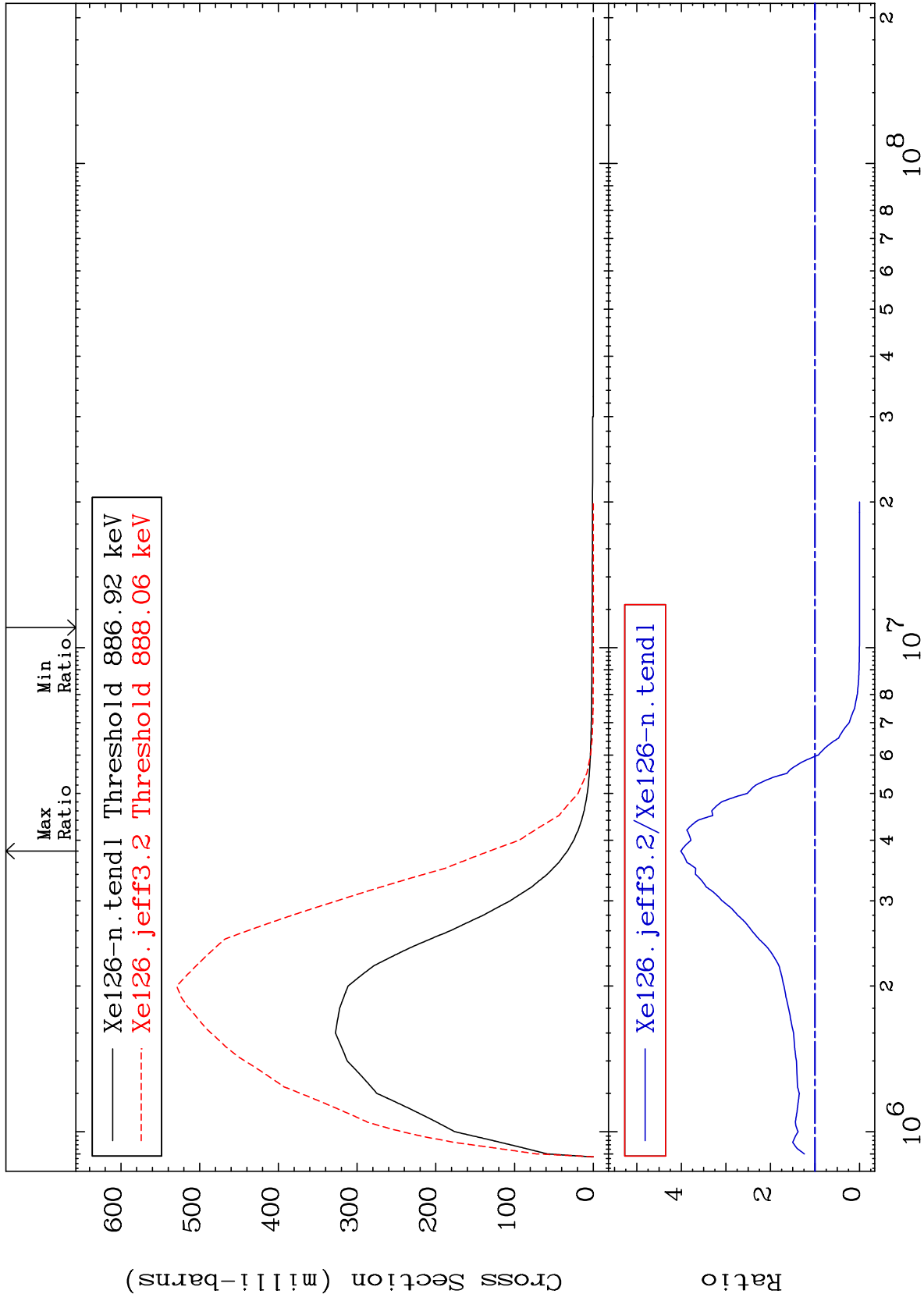
MAT 5431

879.9 keV (n,n') Level

54-Xe-126

-100.0 To 301.4 %

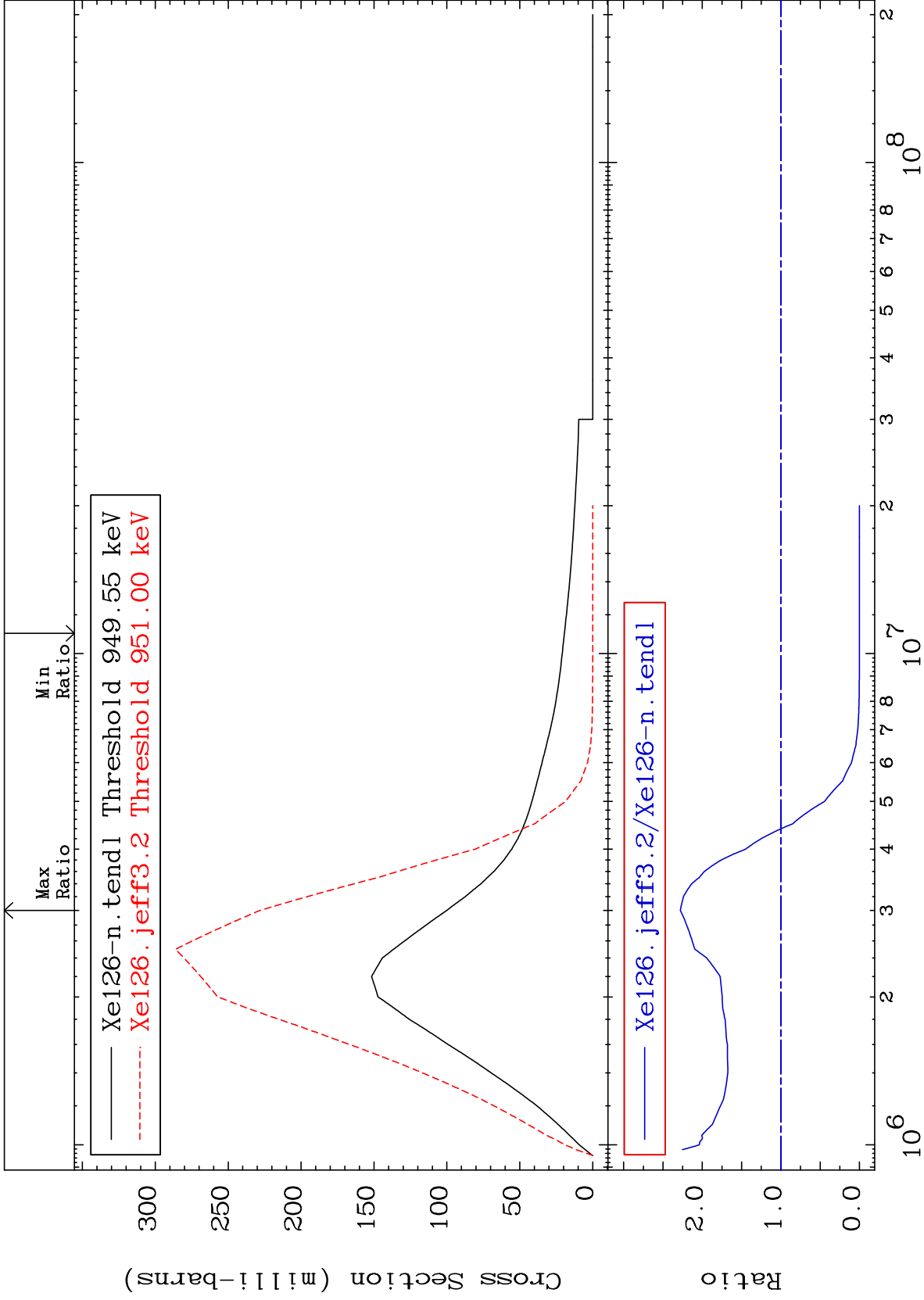
Cross Section



MAT 5431

942.0 keV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 127.9 %

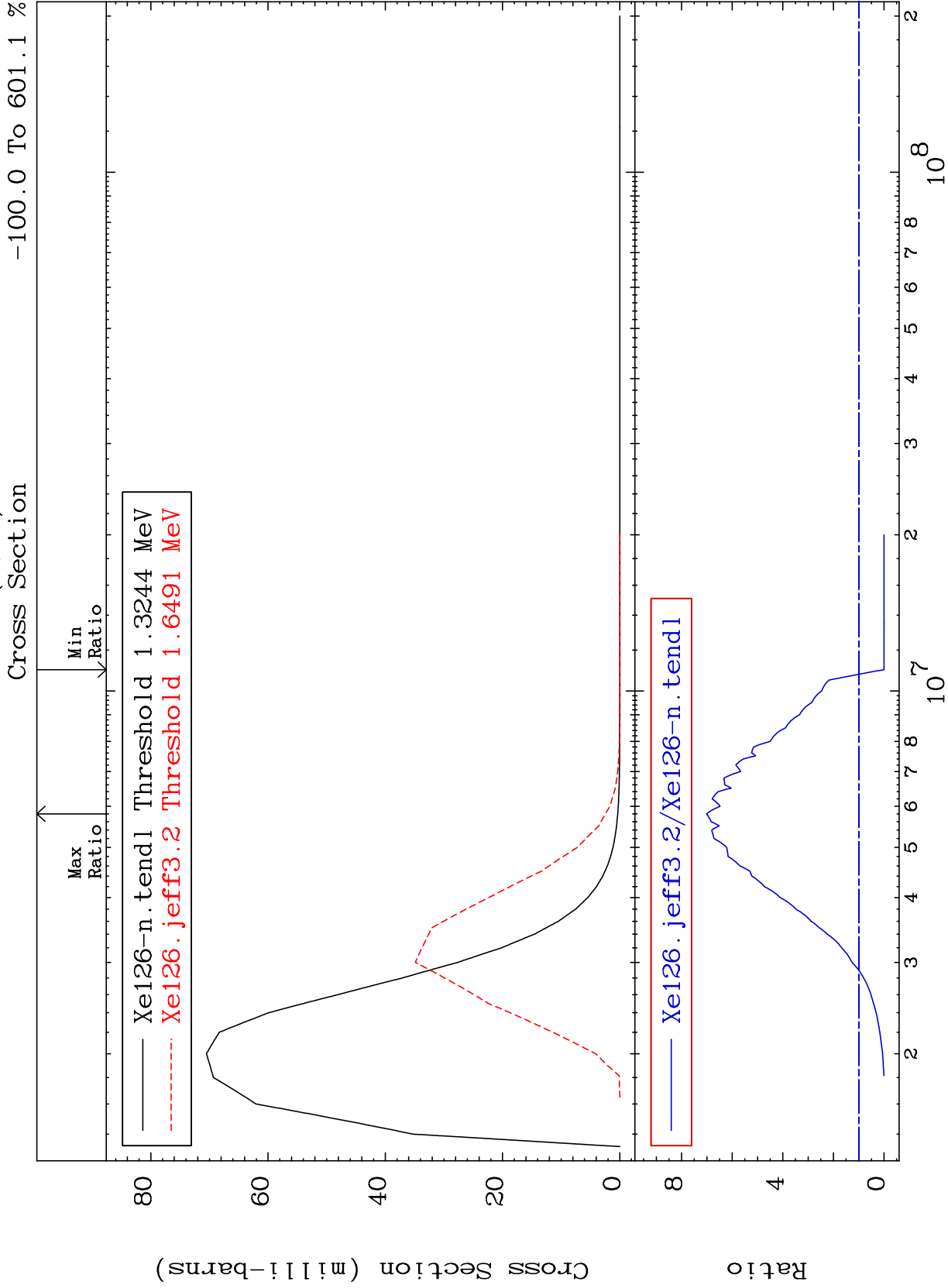


MAT 5431

1.314 MeV (n,n') Level

54-Xe-126

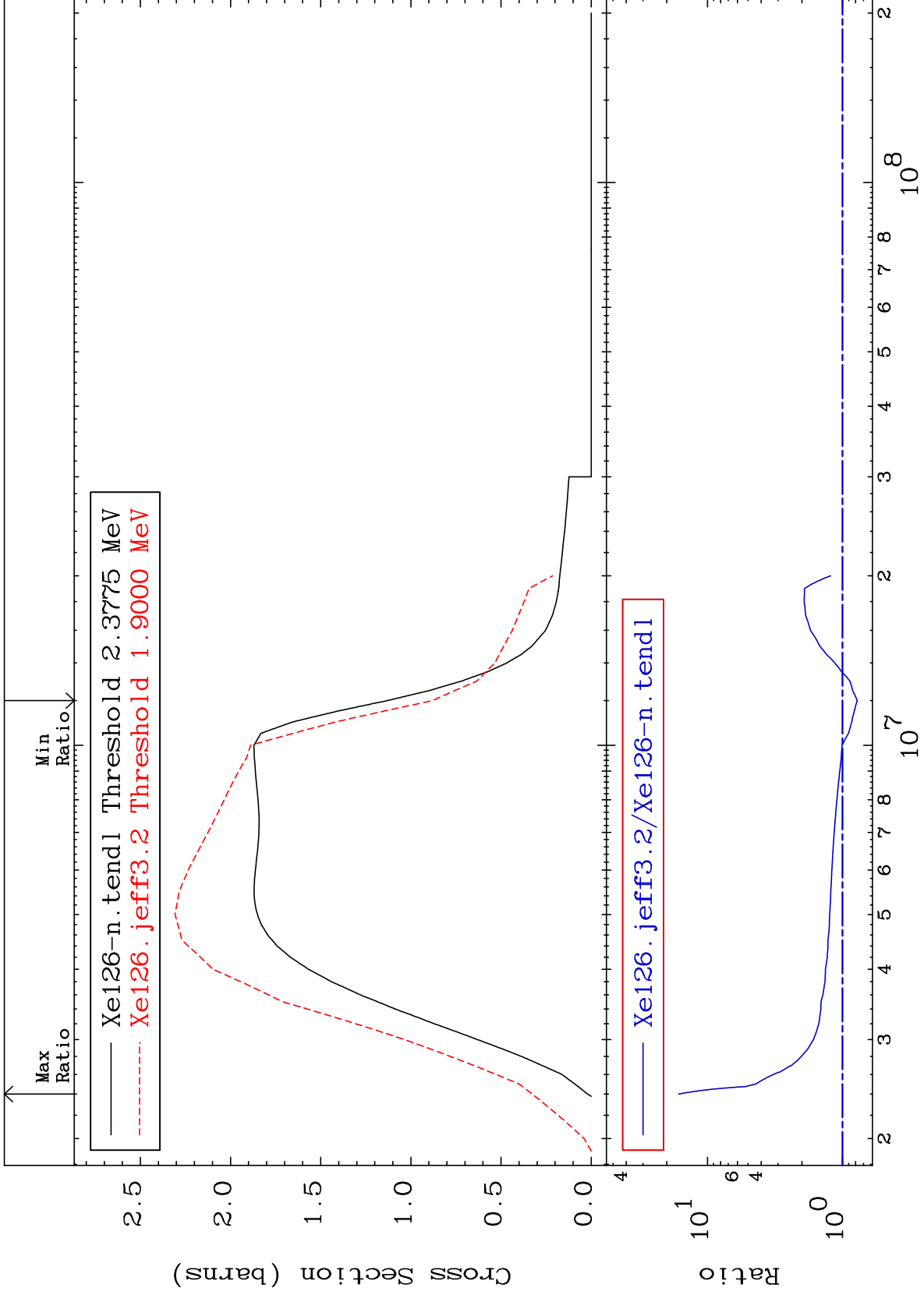
-100.0 To 601.1 %



MAT 5431

(n, n') Continuum
Cross Section

54-Xe-126
-22.15 To 1533. %



10

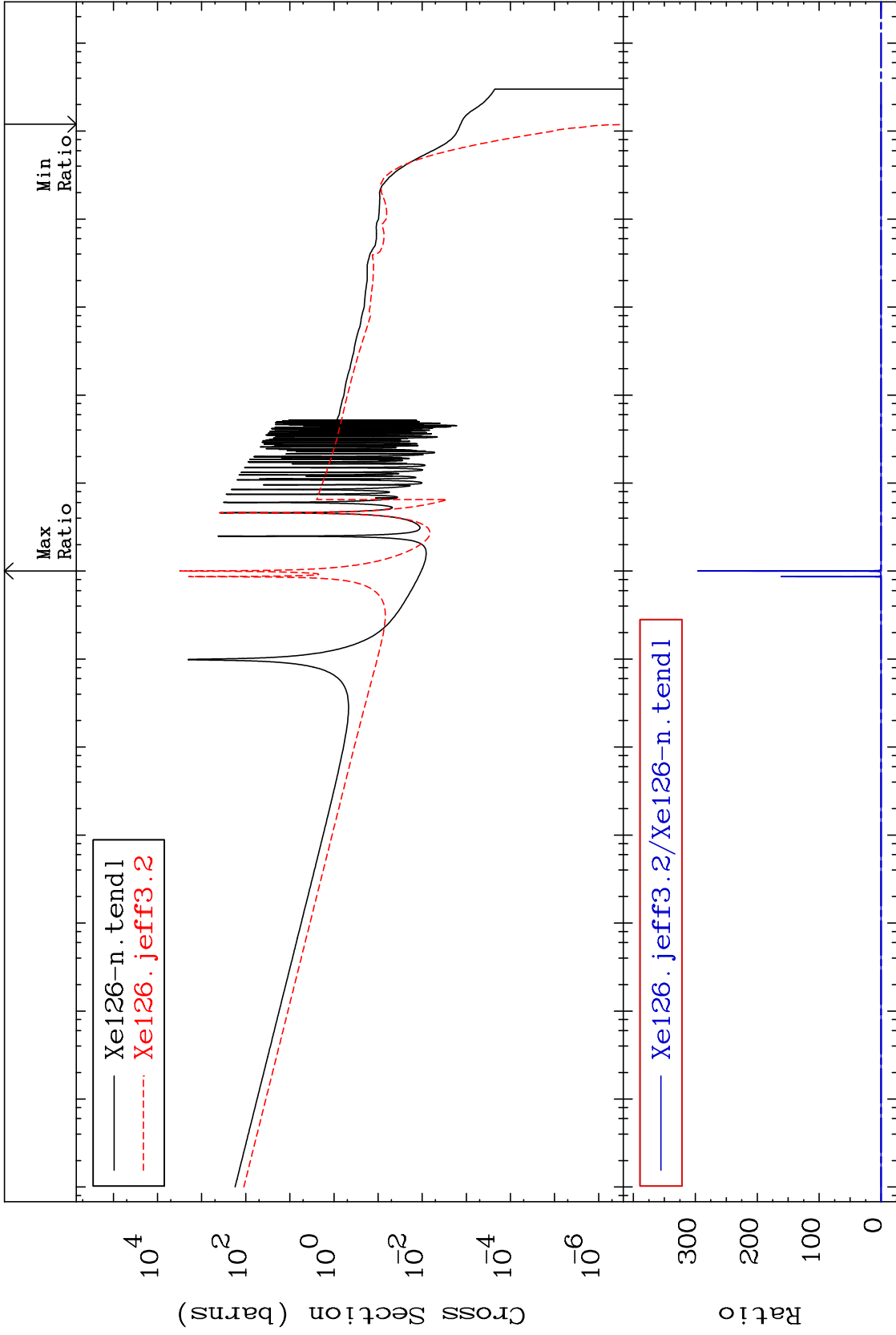
Incident Energy (eV)

54-Xe-126

MAT 5431

54-Xe-126

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



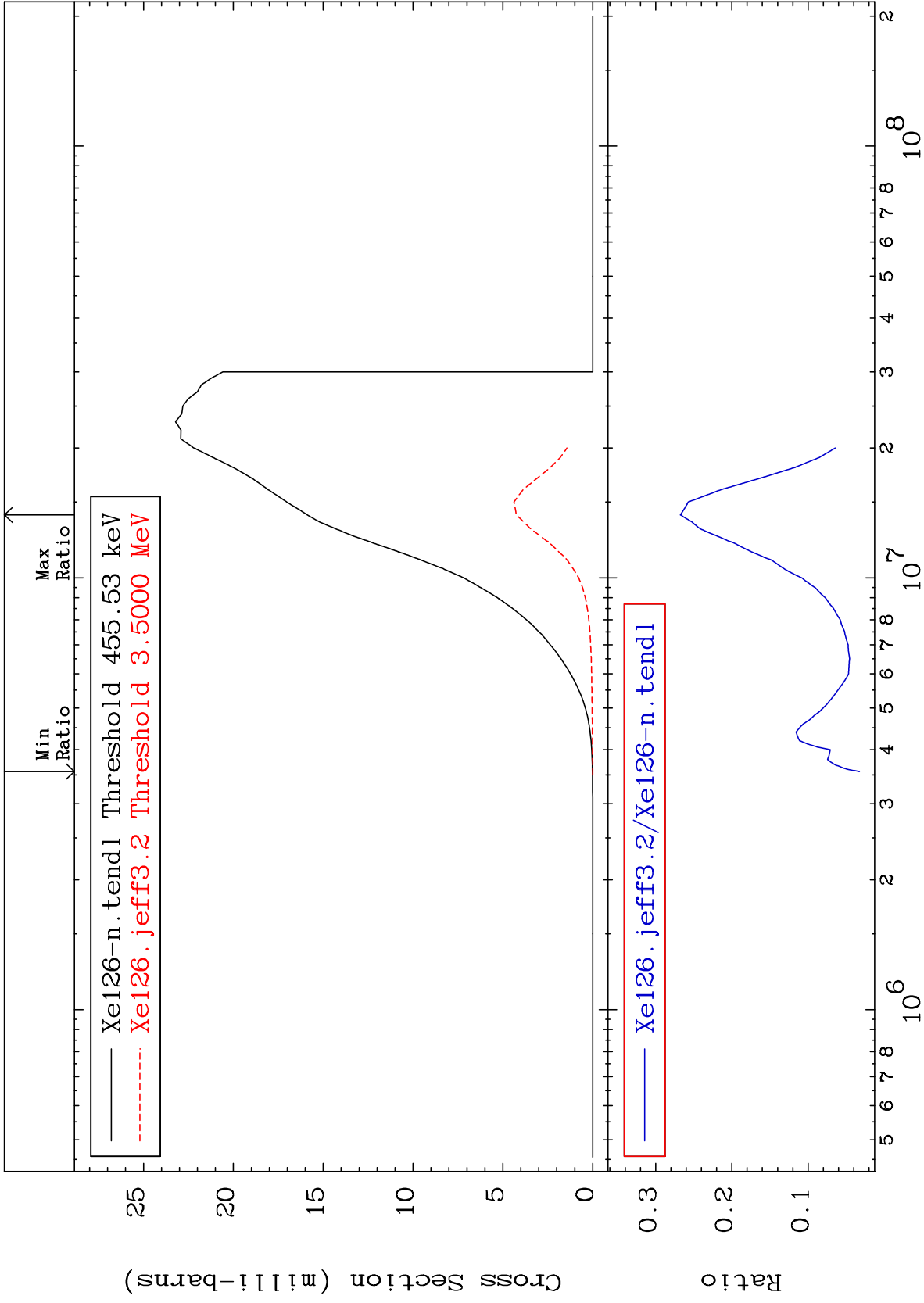
Incident Energy (eV)

54-Xe-126

11

MAT 5431

(n, p)
Cross Section
54-Xe-126
-96.74 To -73.24%



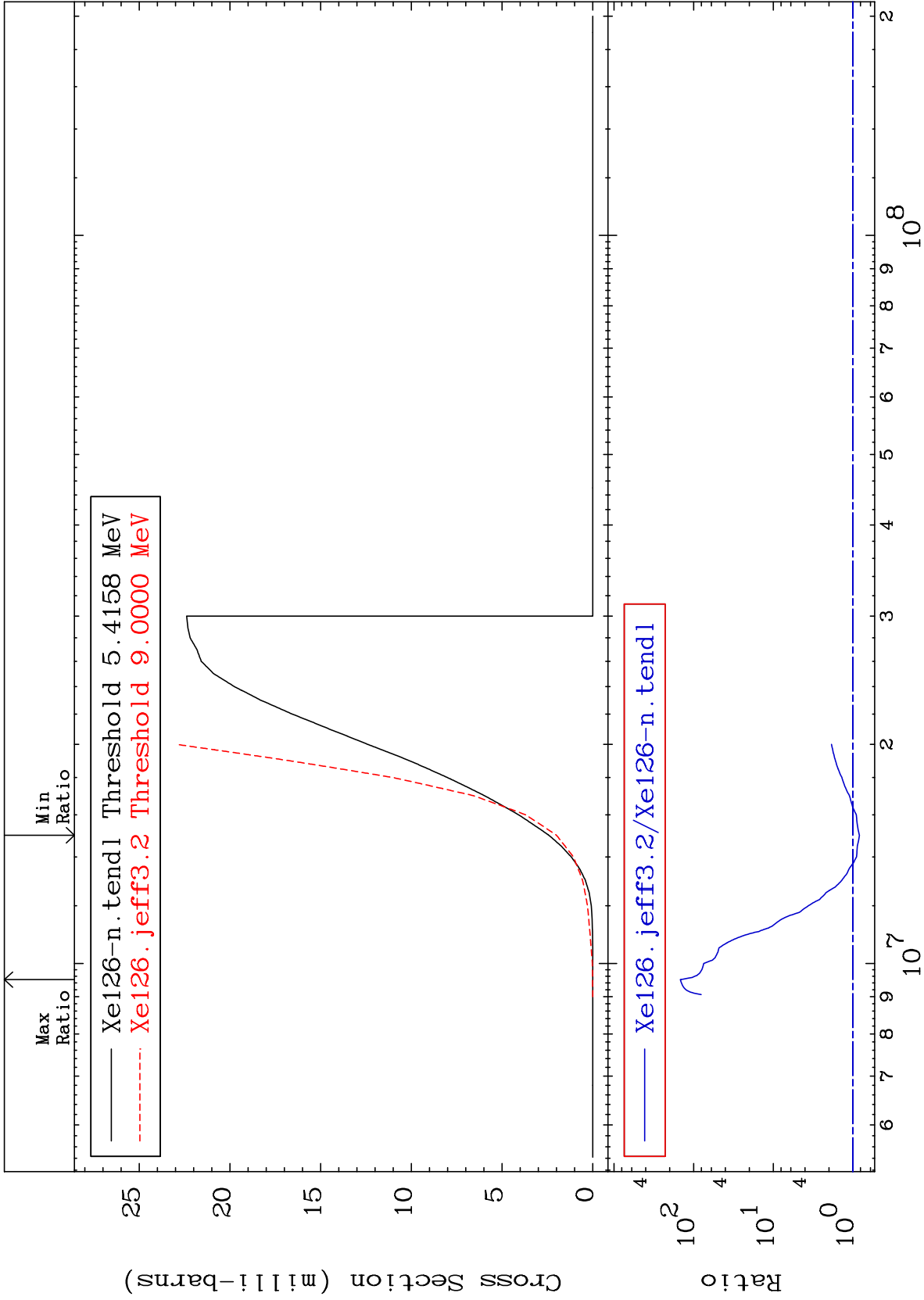
12

Incident Energy (eV)

54-Xe-126

Cross Section

-17.31 To 9999. %



MAT 5431

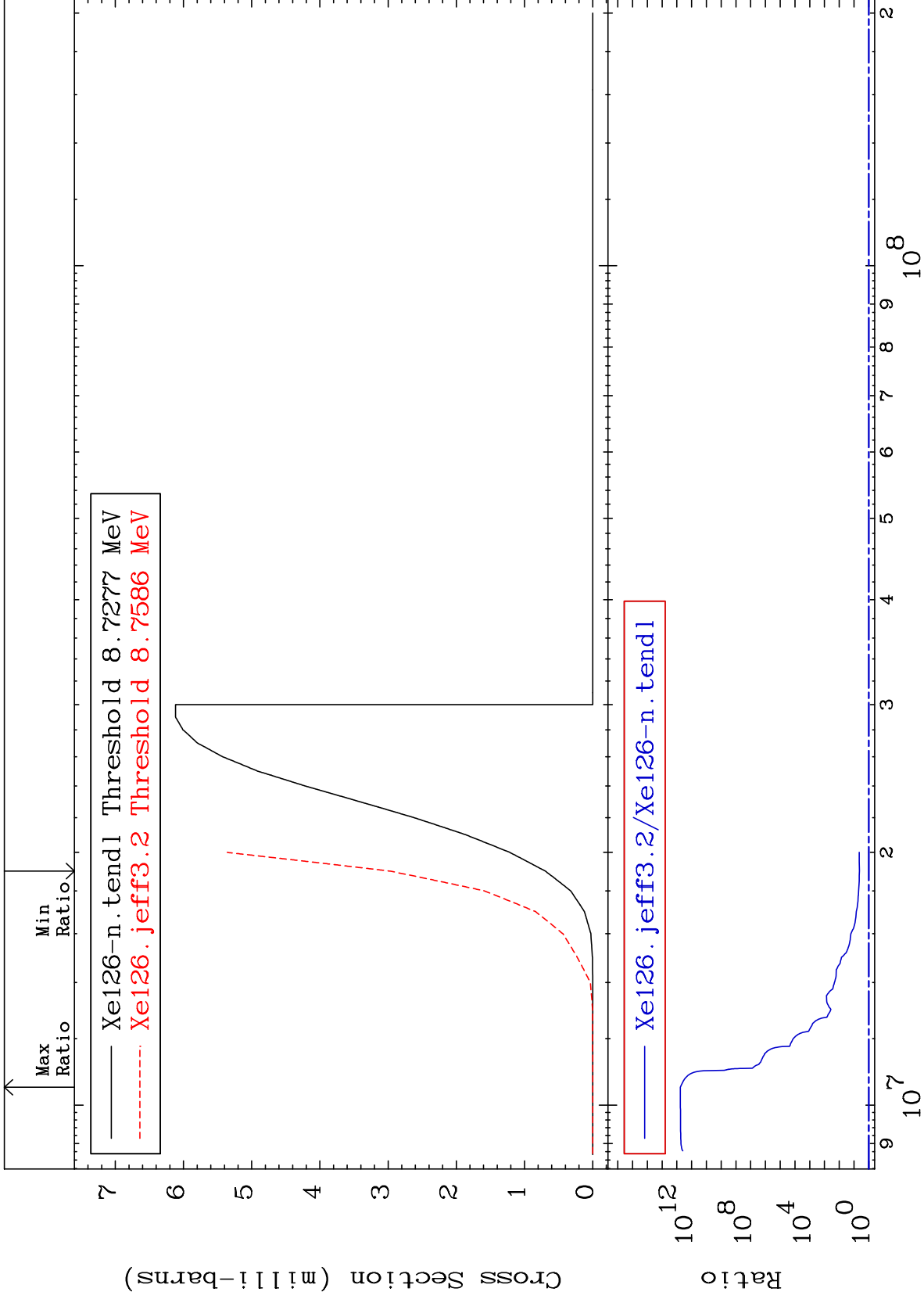
(n, t)

54-Xe-126

Cross Section

327.5

To 9999. %



14

Incident Energy (eV)

54-Xe-126

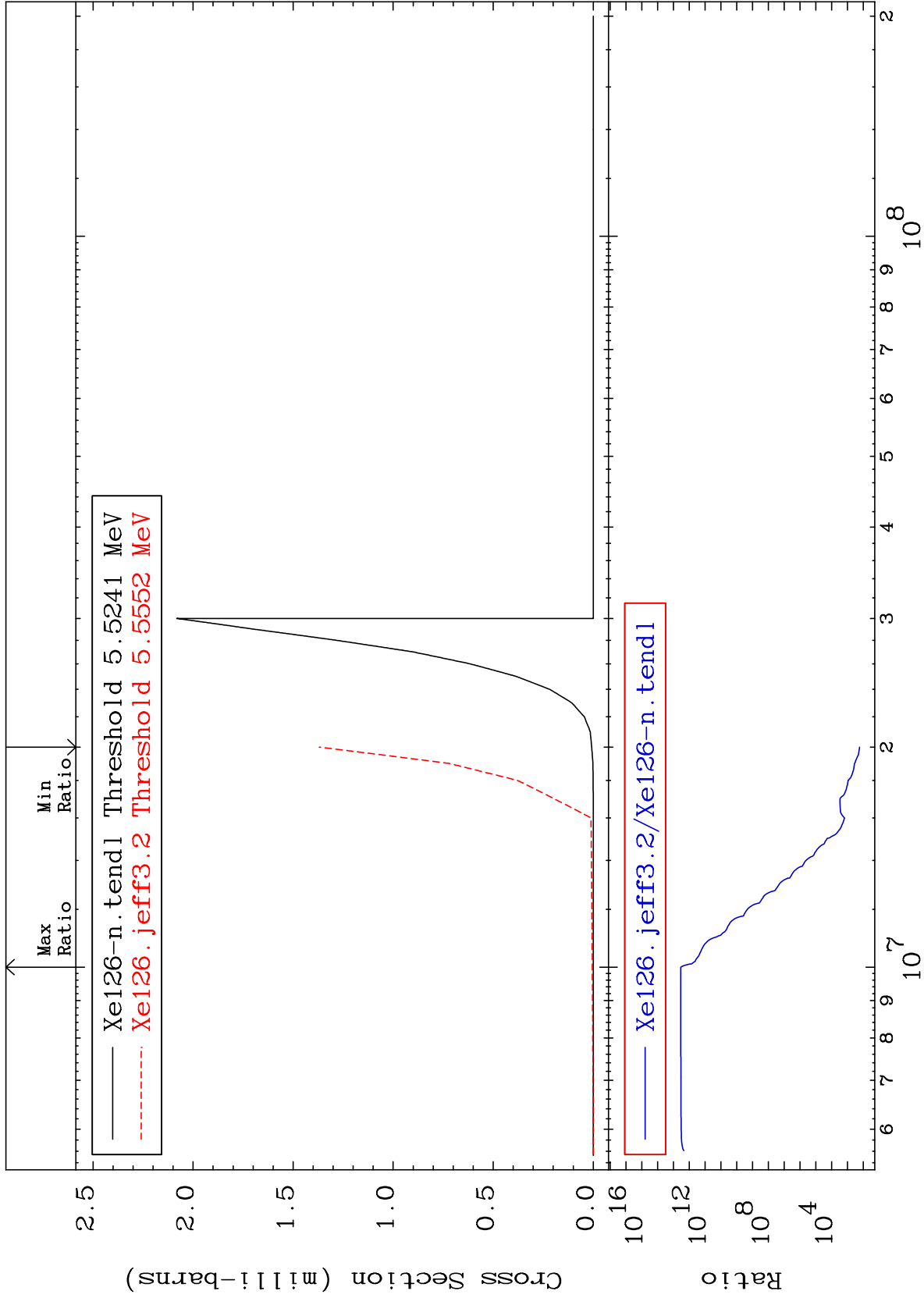
MAT 5431

(n, He-3)

54-Xe-126

Cross Section

9999. To 9999. %



15

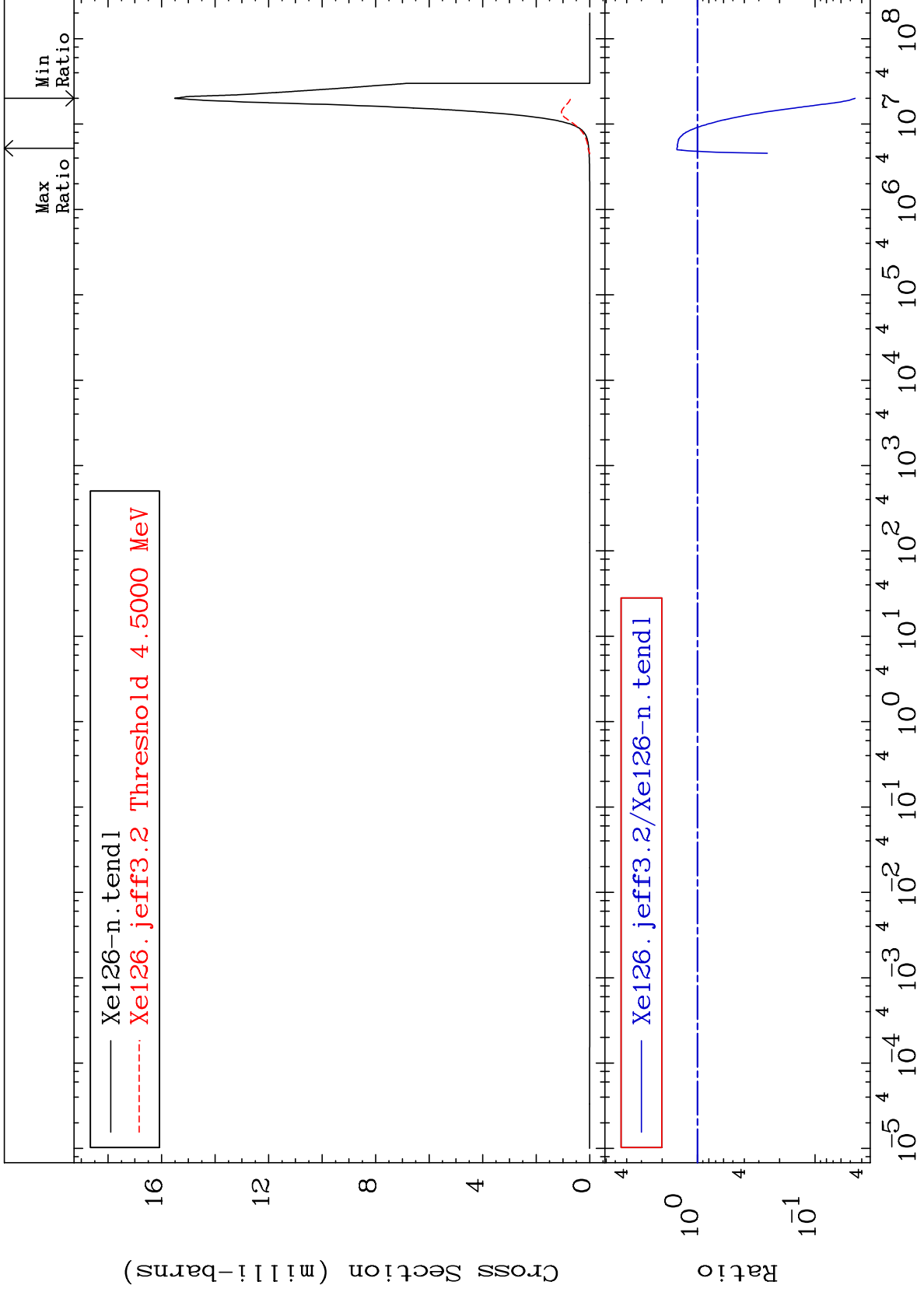
Incident Energy (eV)

54-Xe-126

MAT 5431

(n, α)
Cross Section

54-Xe-126
-95.44 To 49.60 %



— Xe126-n.tendl
- - - Xe126.jeff3.2 Threshold 4.5000 MeV

— Xe126.jeff3.2/Xe126-n.tendl

Incident Energy (eV)

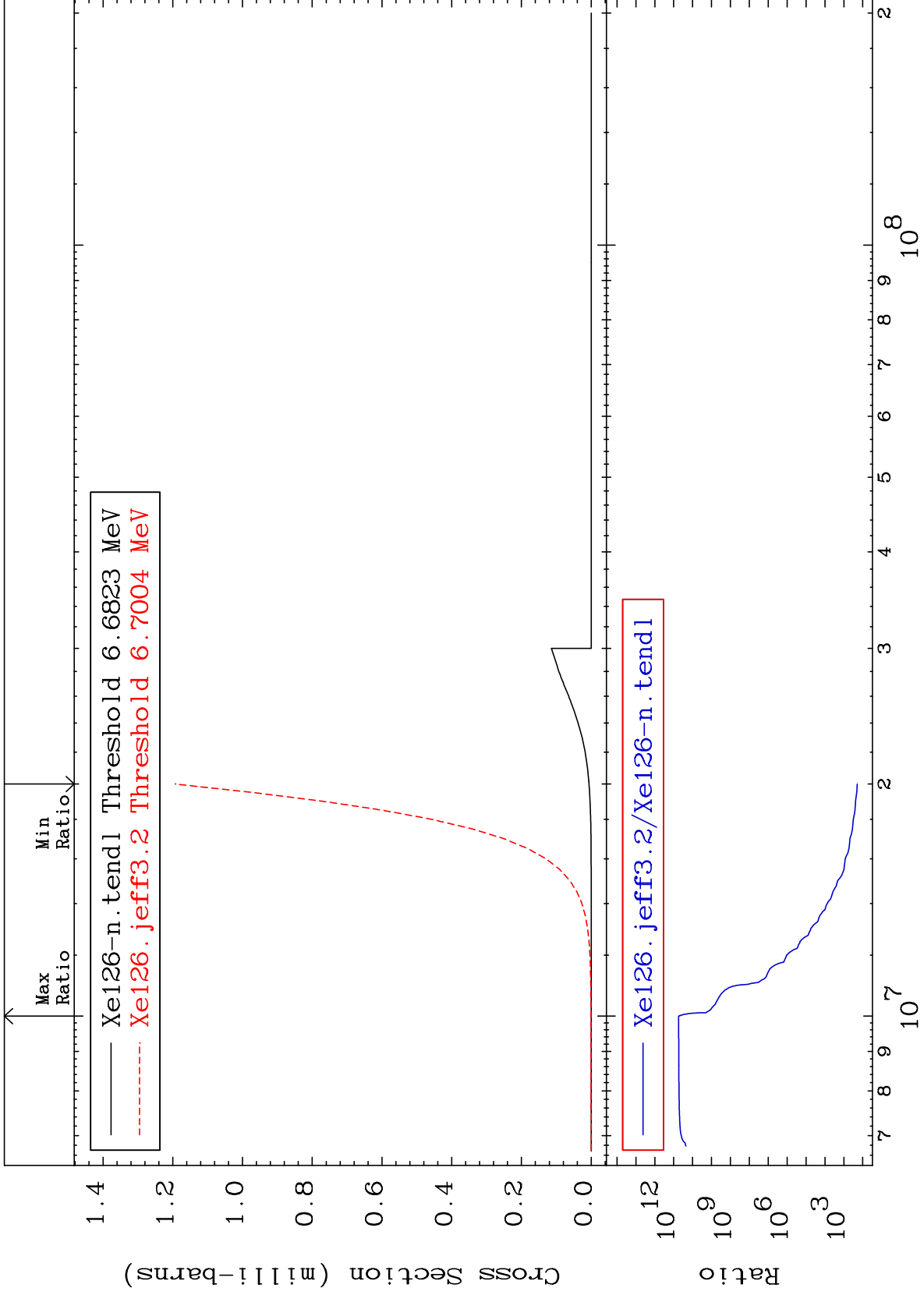
16

54-Xe-126

MAT 5431

(n,2p)
Cross Section

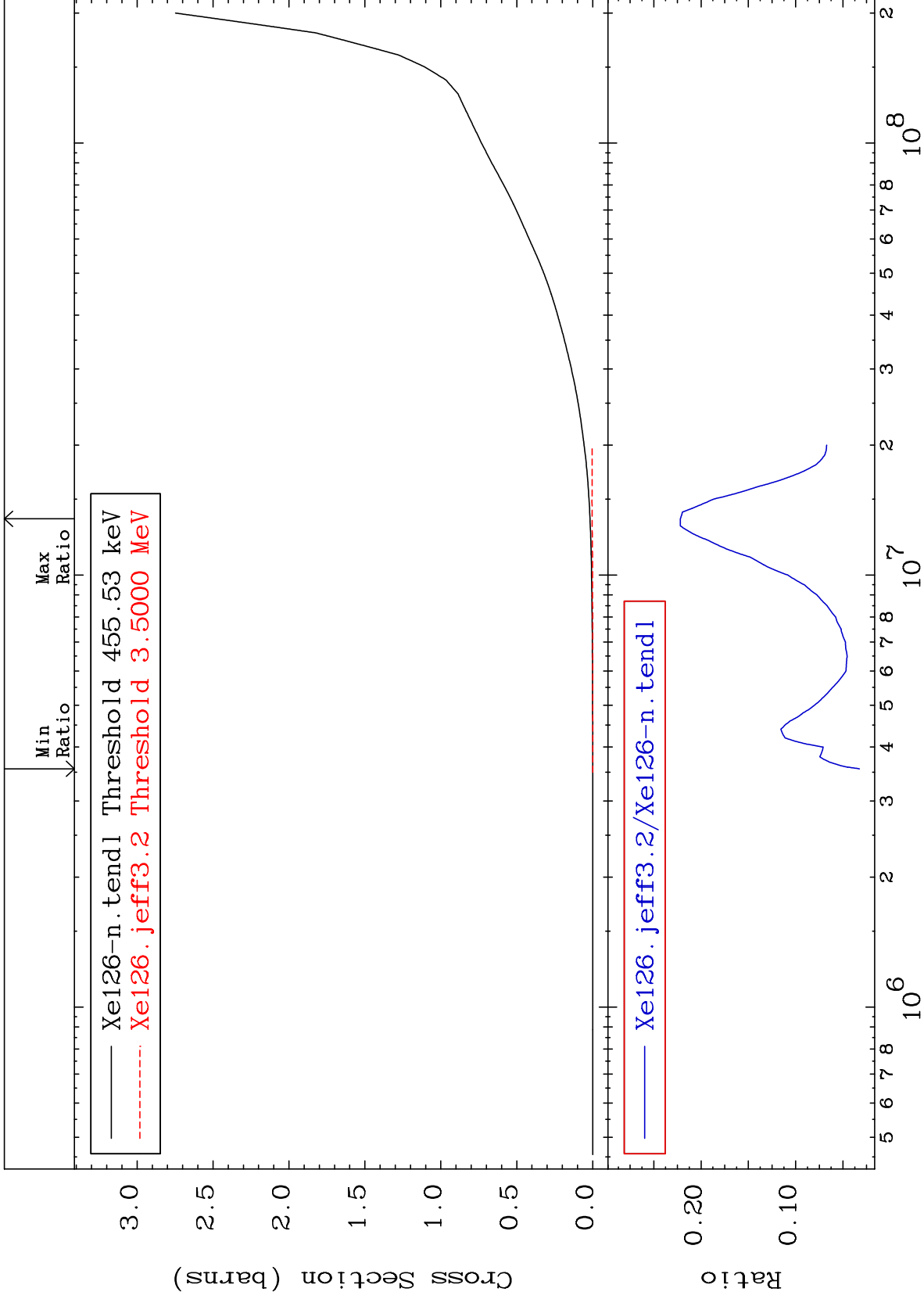
54-Xe-126
9999. To 9999. %



MAT 5431

Hydrogen Production
Cross Section

54-Xe-126
-96.74 To -77.81%



18

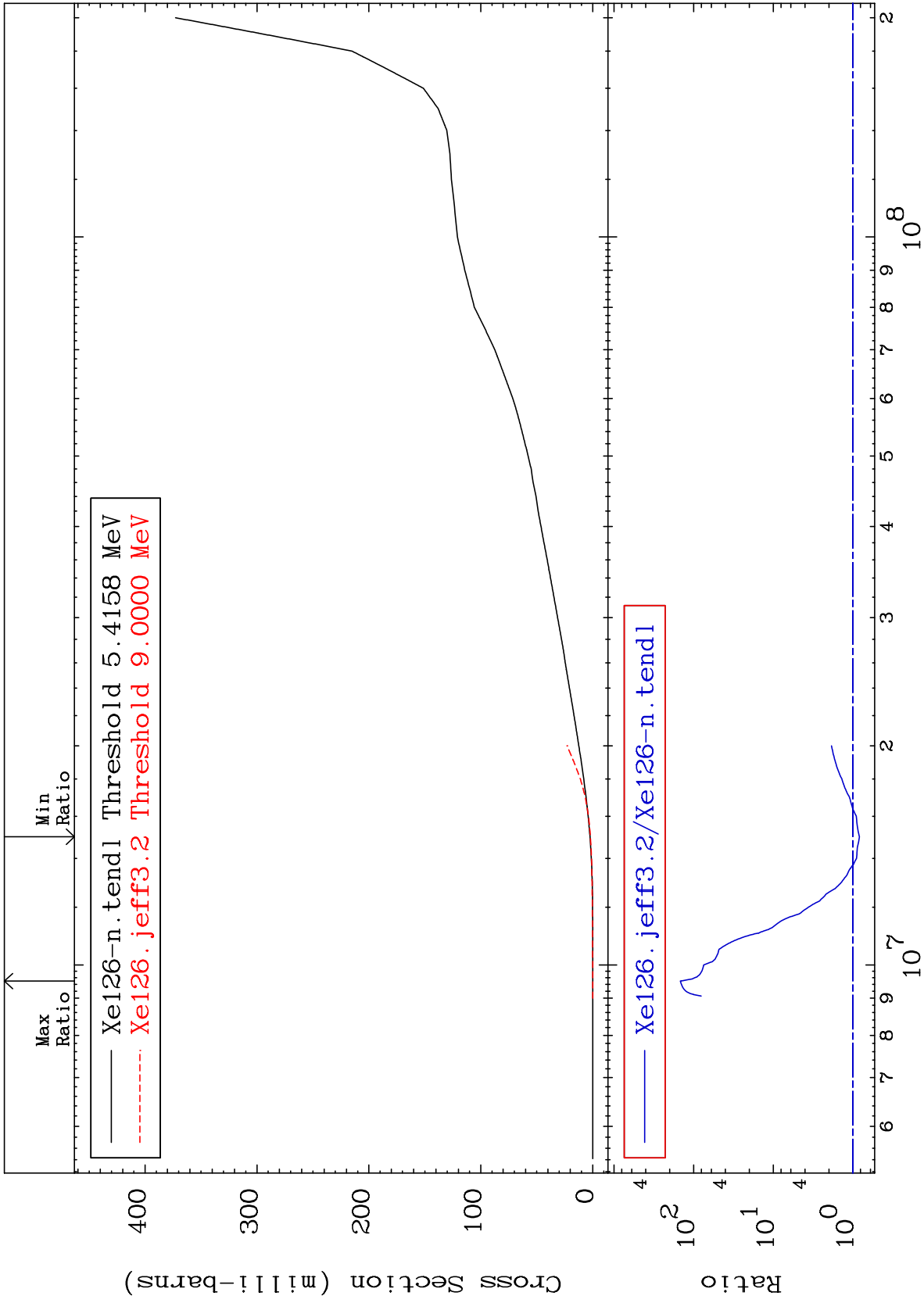
Incident Energy (eV)

54-Xe-126

MAT 5431

Deuterium Production
Cross Section

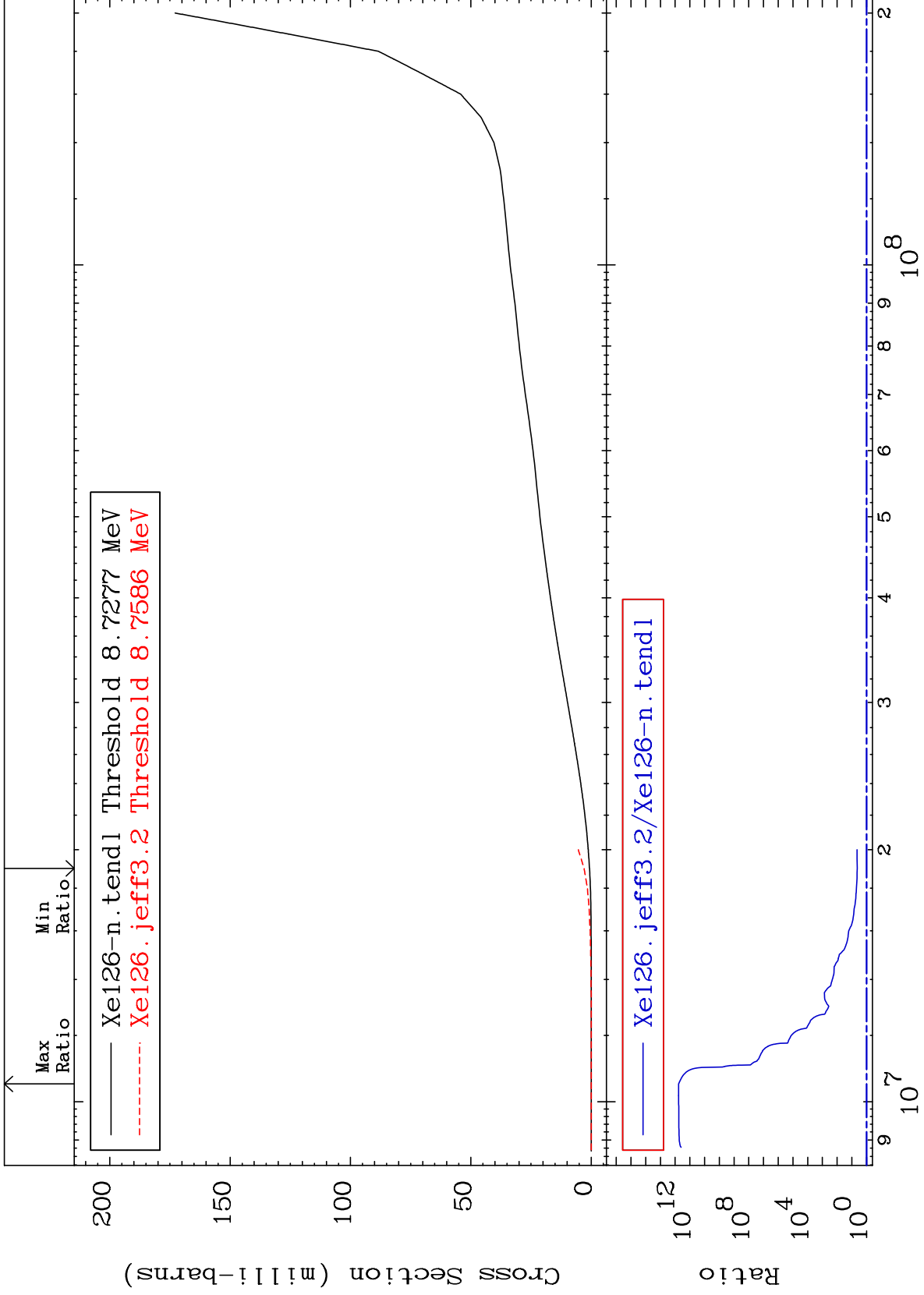
54-Xe-126
-17.31 To 9999. %



MAT 5431

Tritium Production
Cross Section

54-Xe-126
327.5 To 9999. %



20

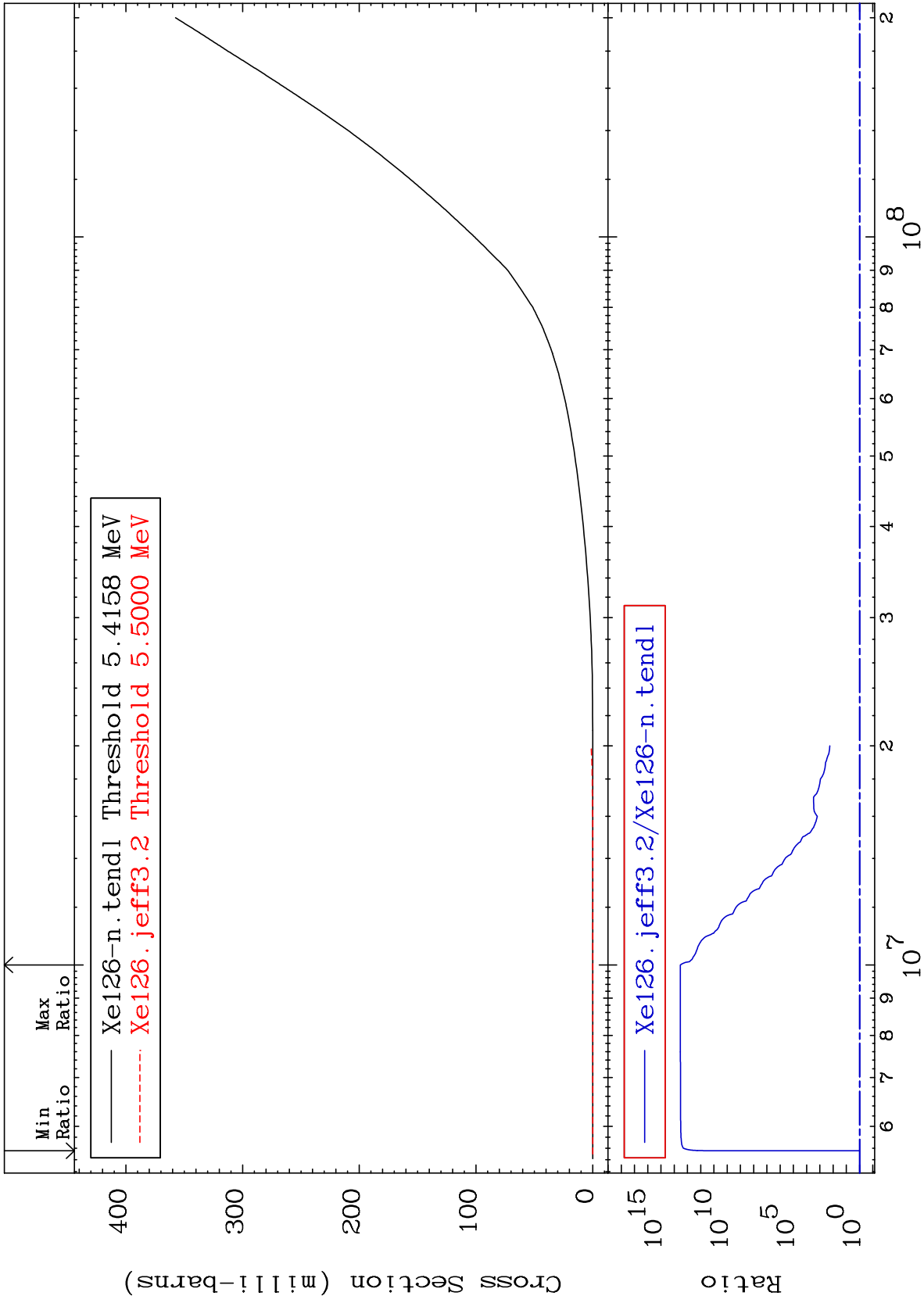
Incident Energy (eV)

54-Xe-126

MAT 5431

He-3 Production
Cross Section

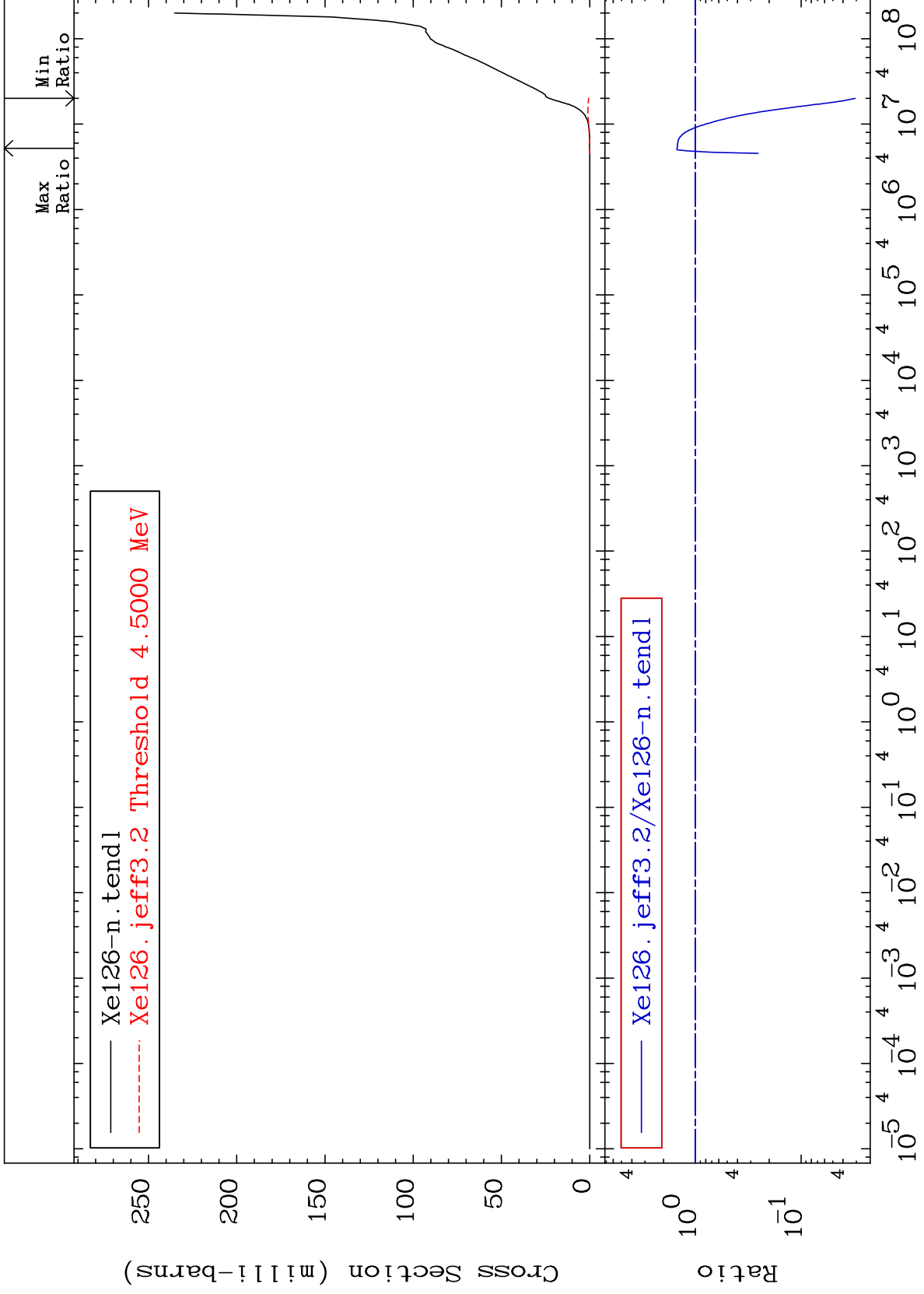
54-Xe-126
2.899 To 9999. %



MAT 5431

He-4 Production
Cross Section

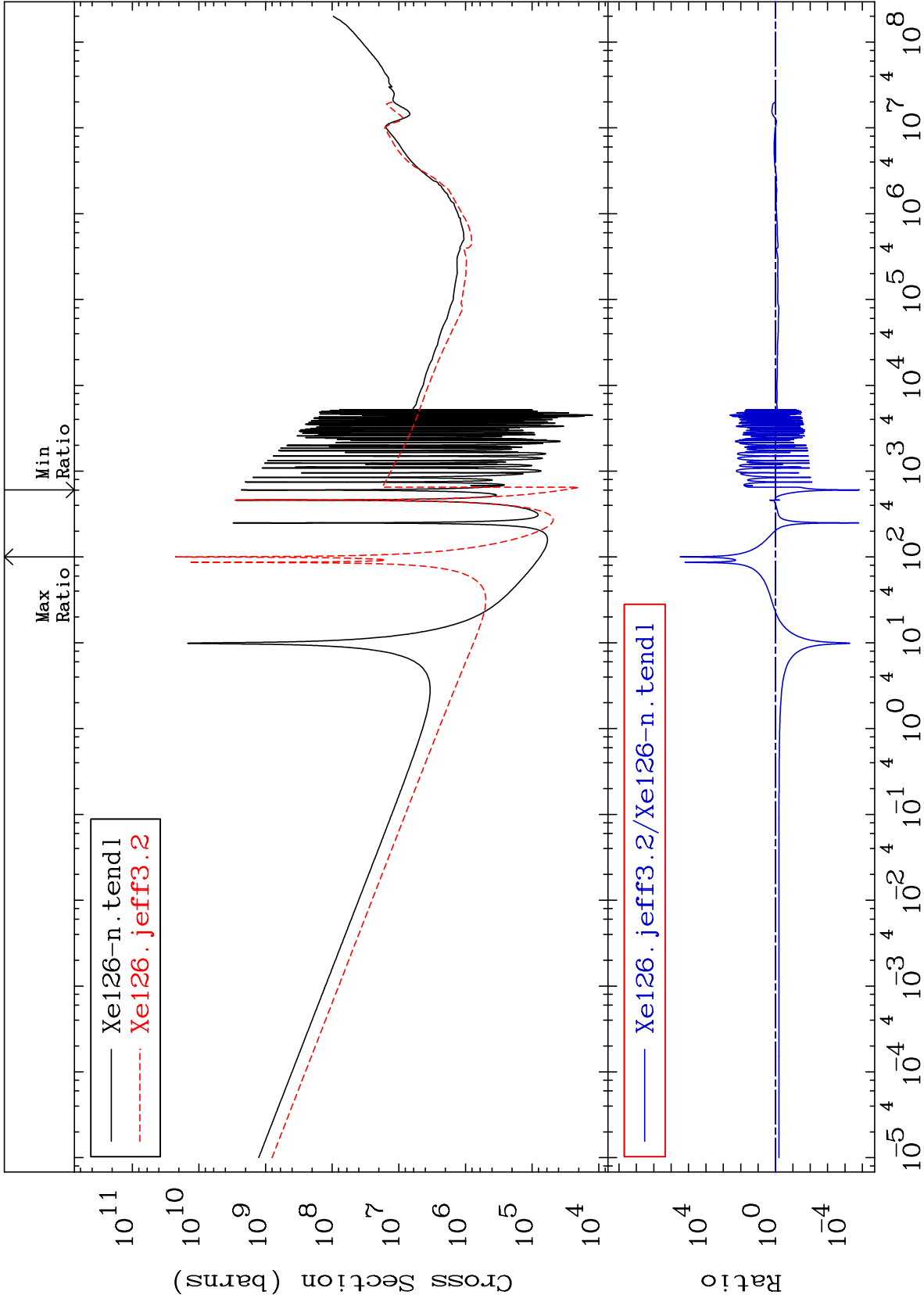
54-Xe-126
-96.92 To 49.60 %



22

Incident Energy (eV)

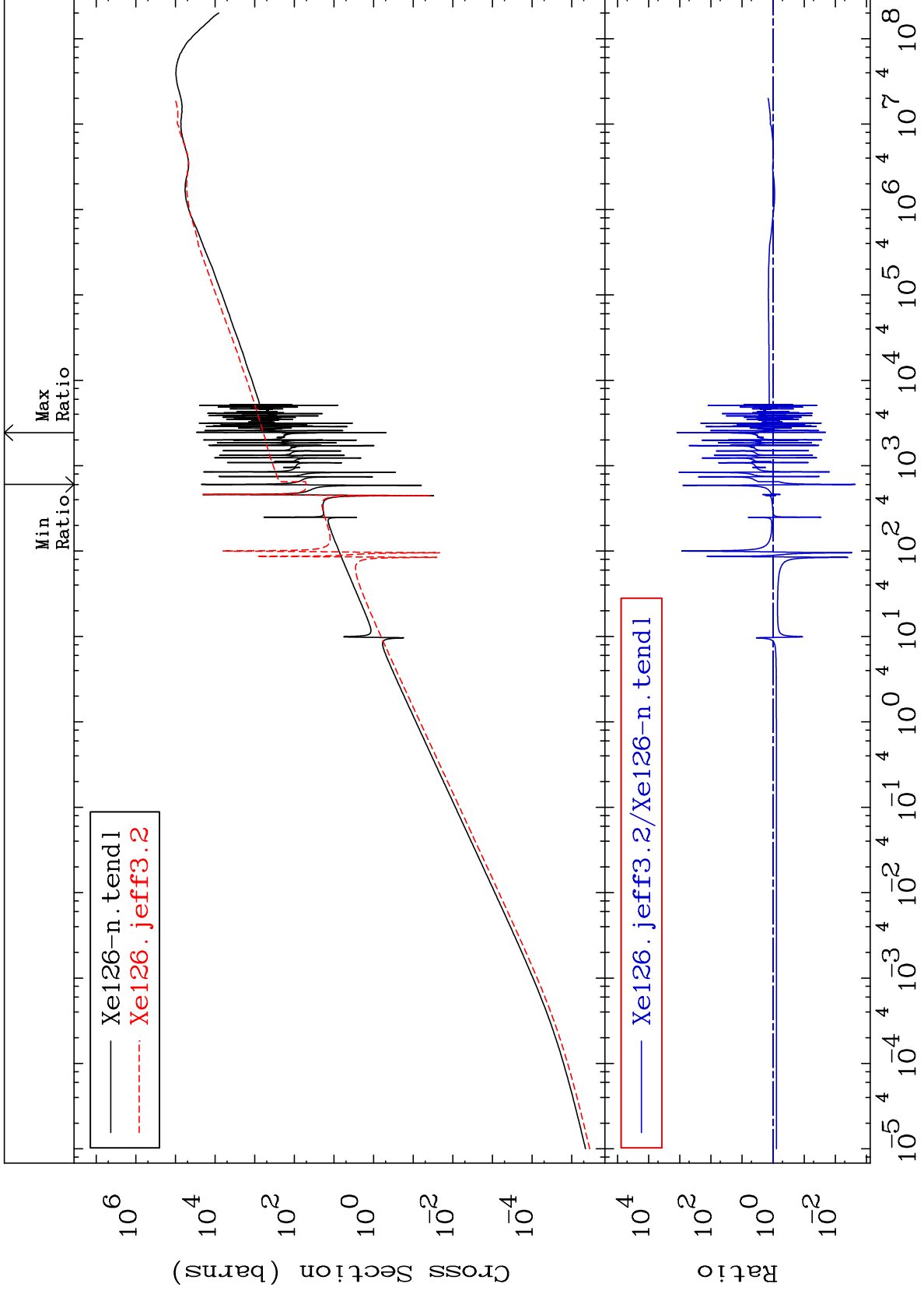
54-Xe-126



MAT 5431

Kerma elastic
Cross Section

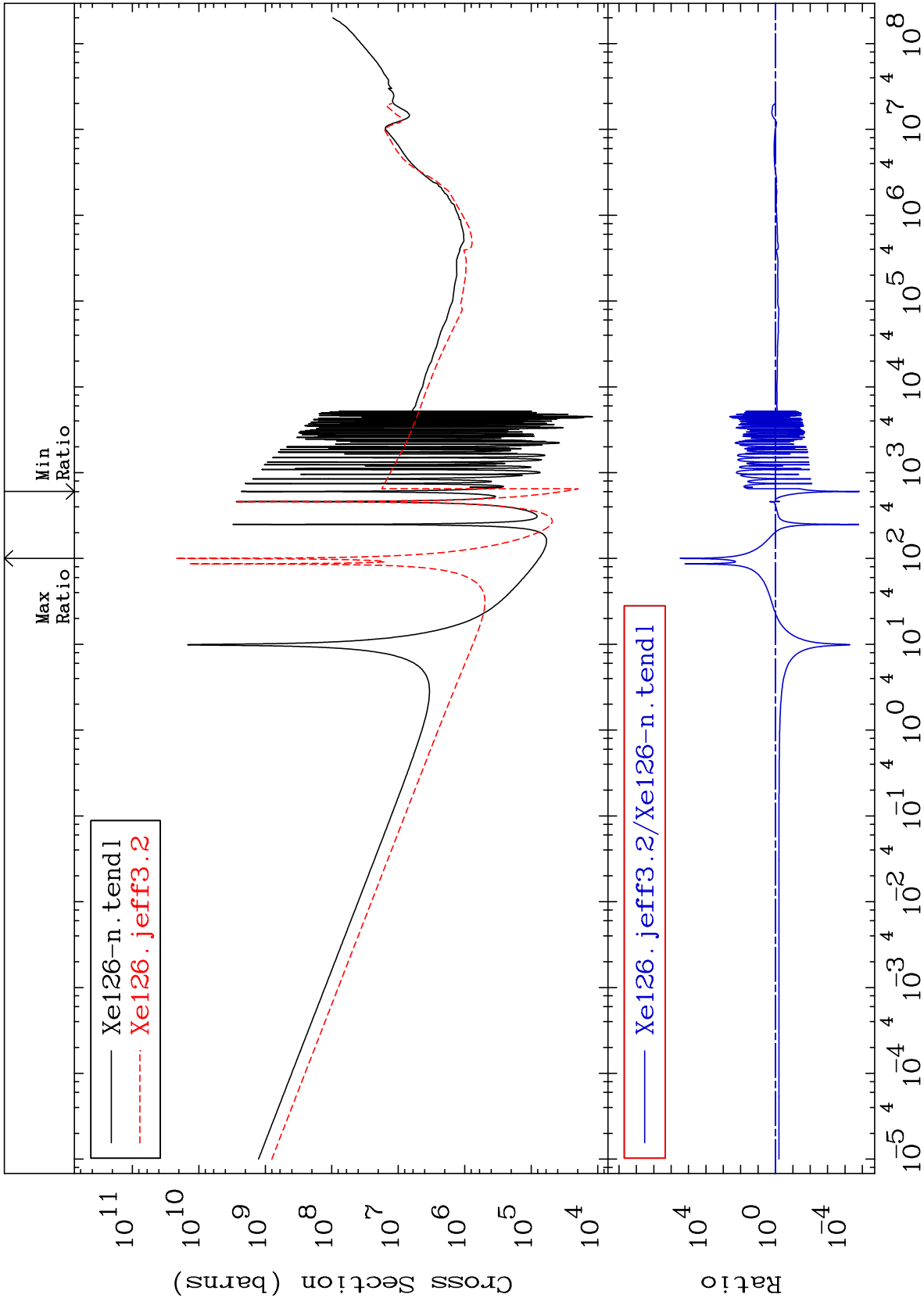
54-Xe-126
-99.77 To 9999. %

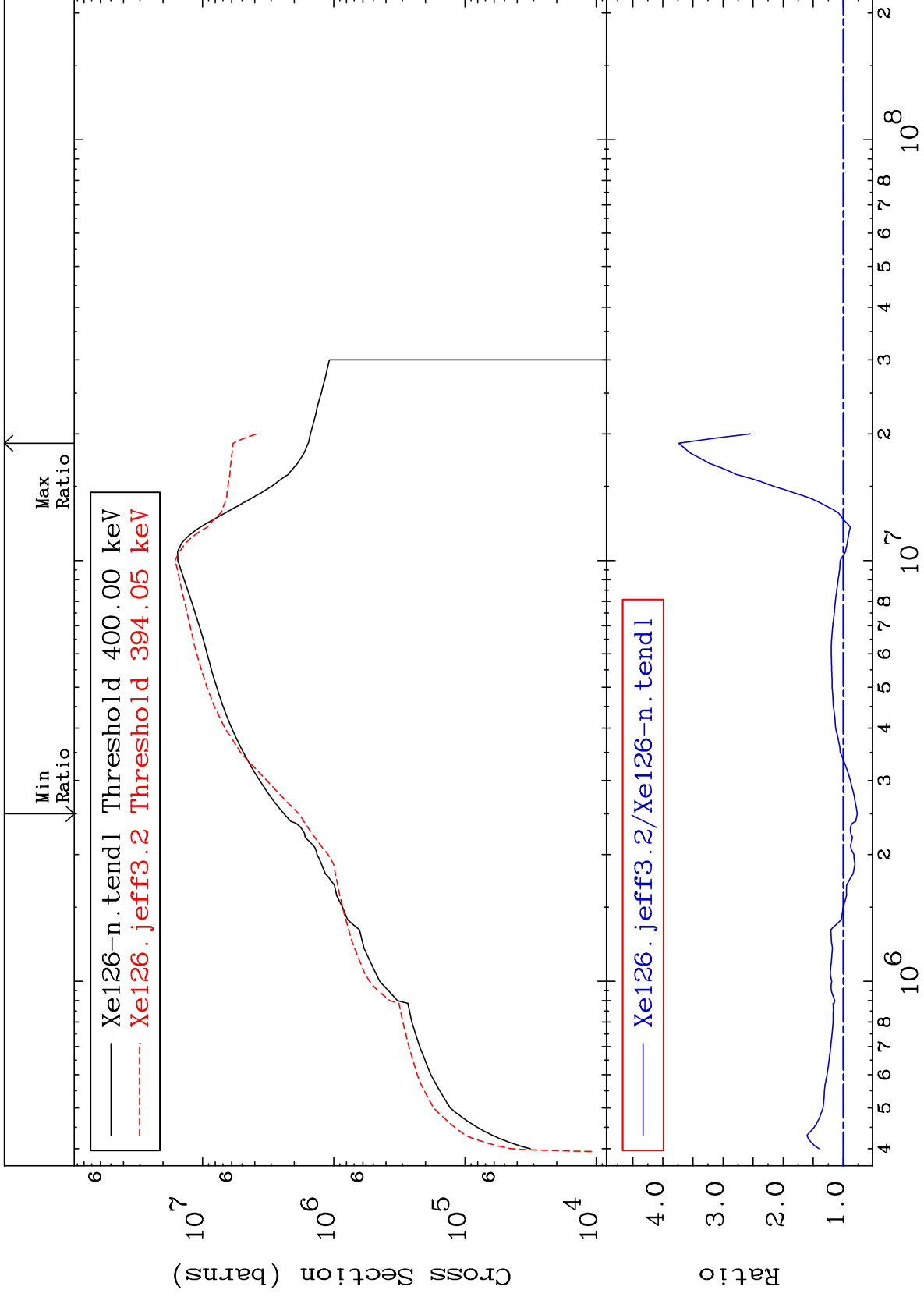


24

Incident Energy (eV)

54-Xe-126

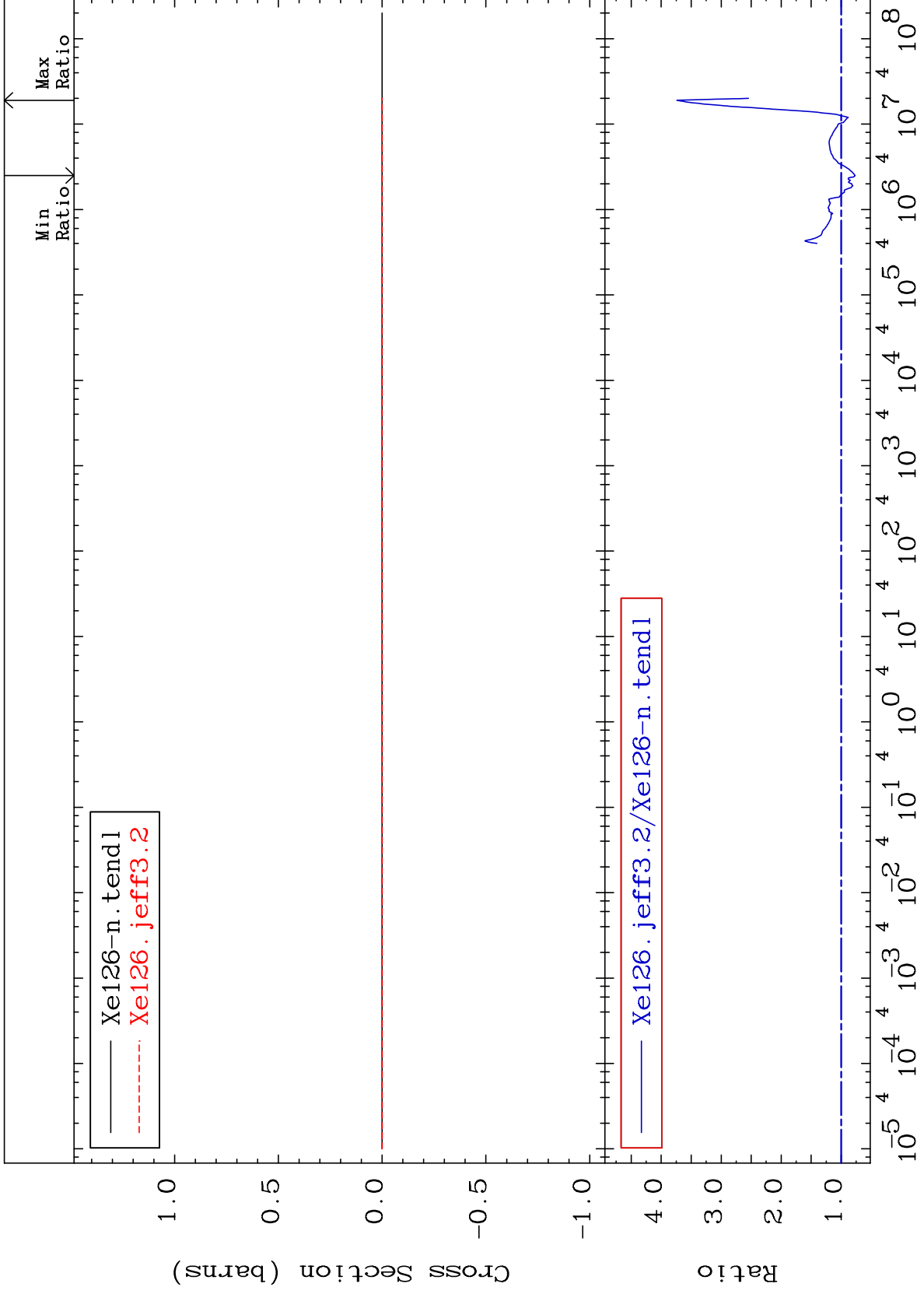




MAT 5431

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

54-Xe-126
-23.16 To 273.8 %



27

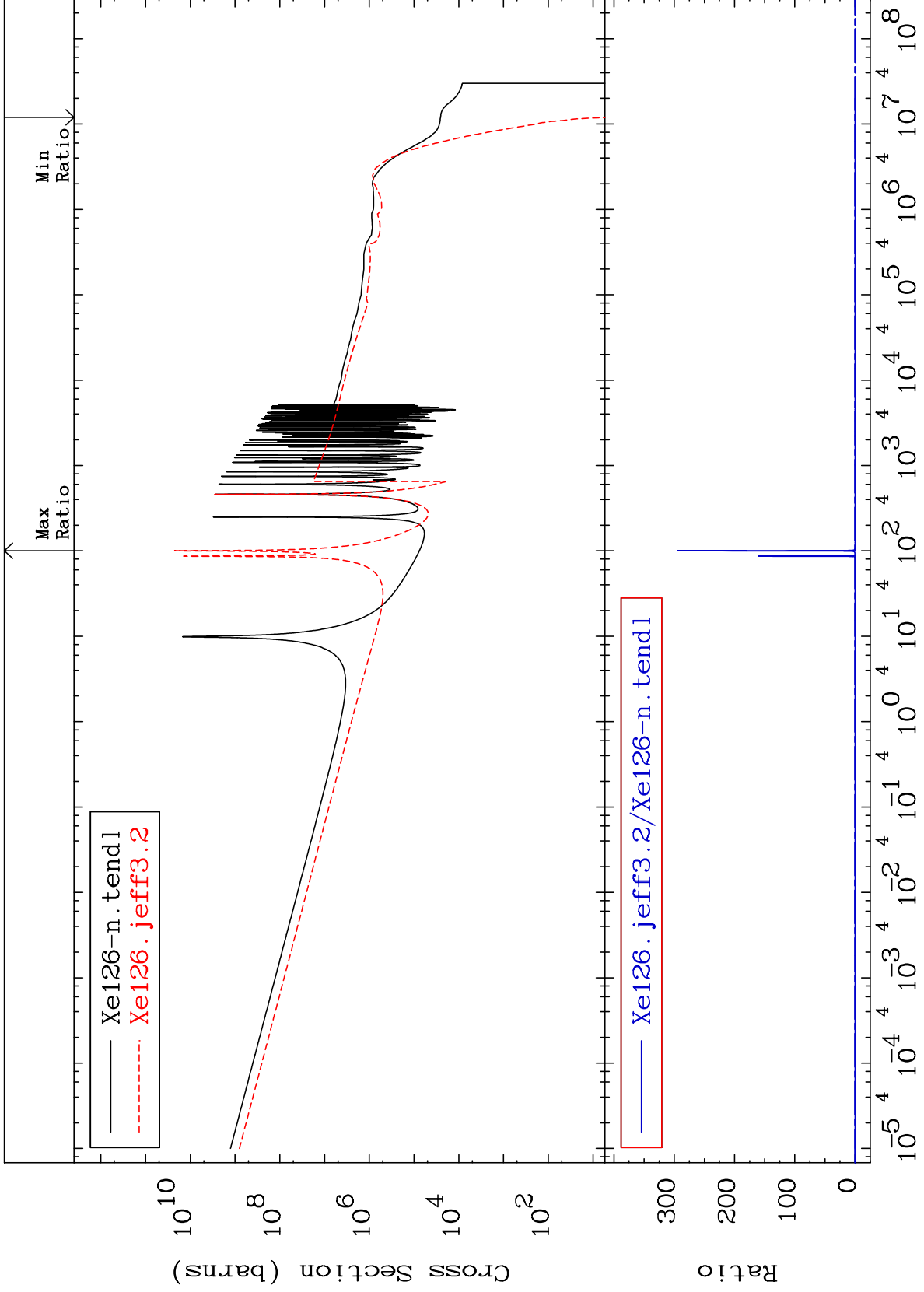
Incident Energy (eV)

54-Xe-126

MAT 5431

Kerma capture (mt102)
Cross Section

54-Xe-126
-100.0 To 9999. %



28

Incident Energy (eV)

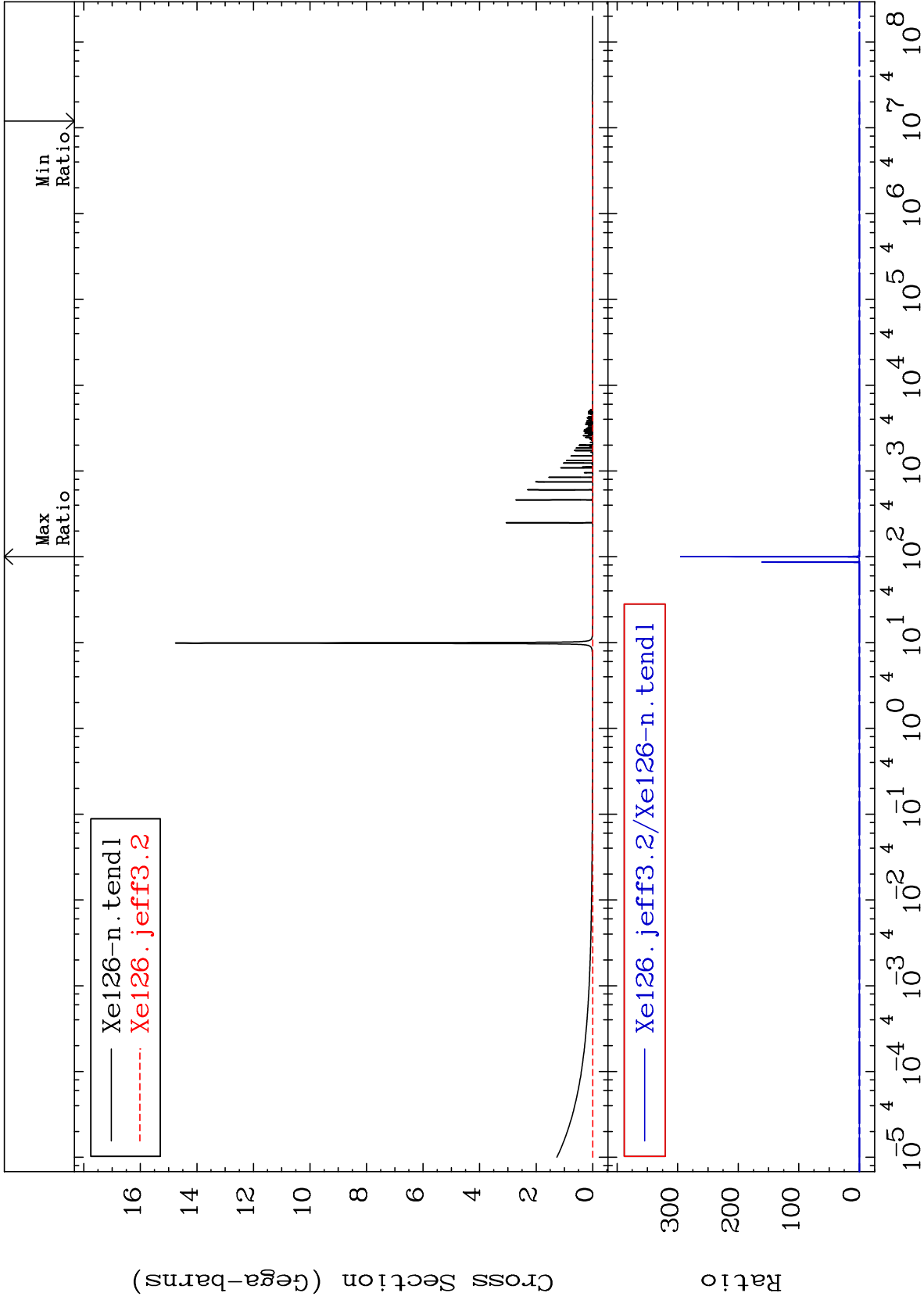
54-Xe-126

MAT 5431

Total photon (eV-barns)
Cross Section

54-Xe-126

-100.0 To 9999. %



29

Incident Energy (eV)

54-Xe-126

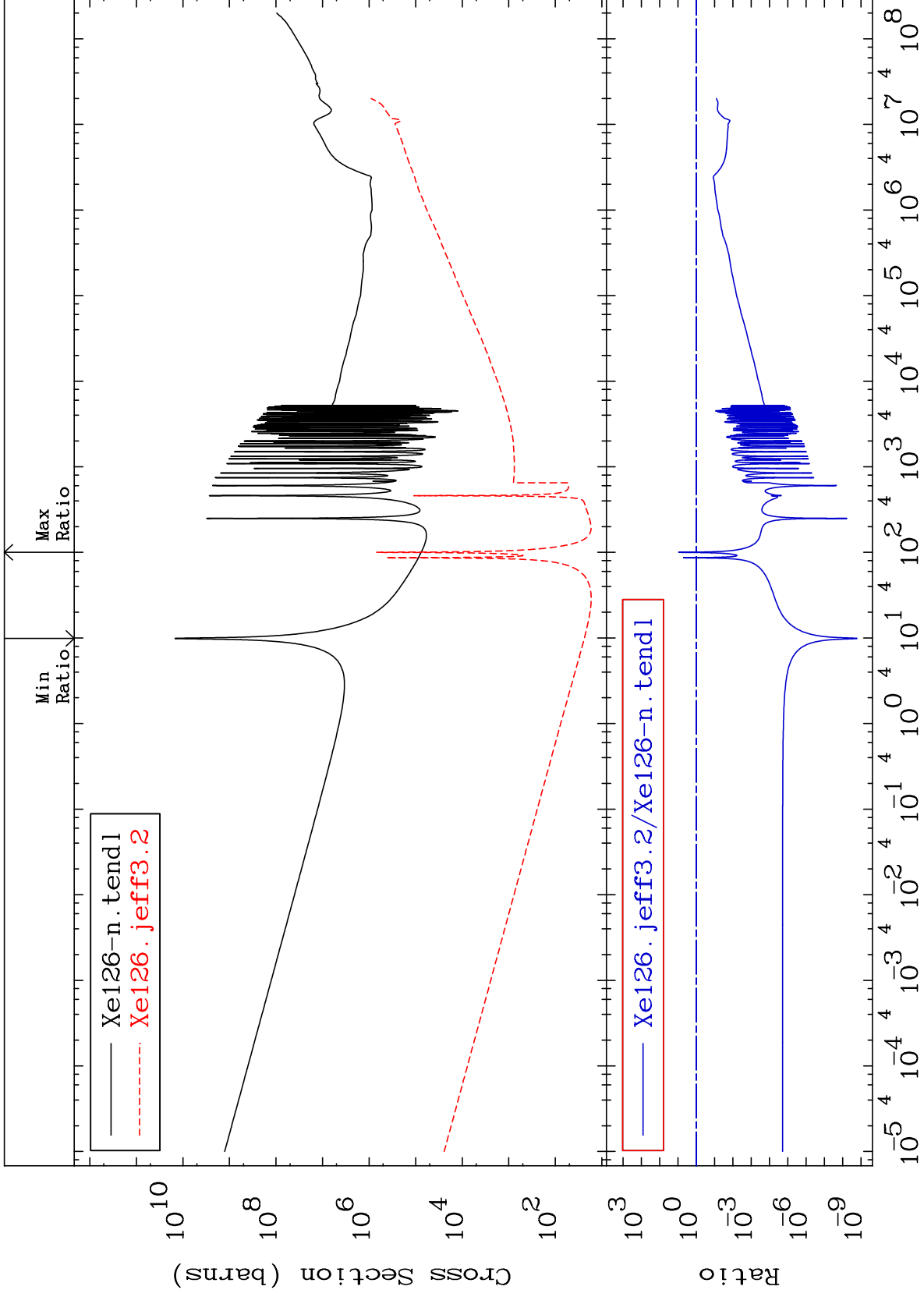
MAT 5431

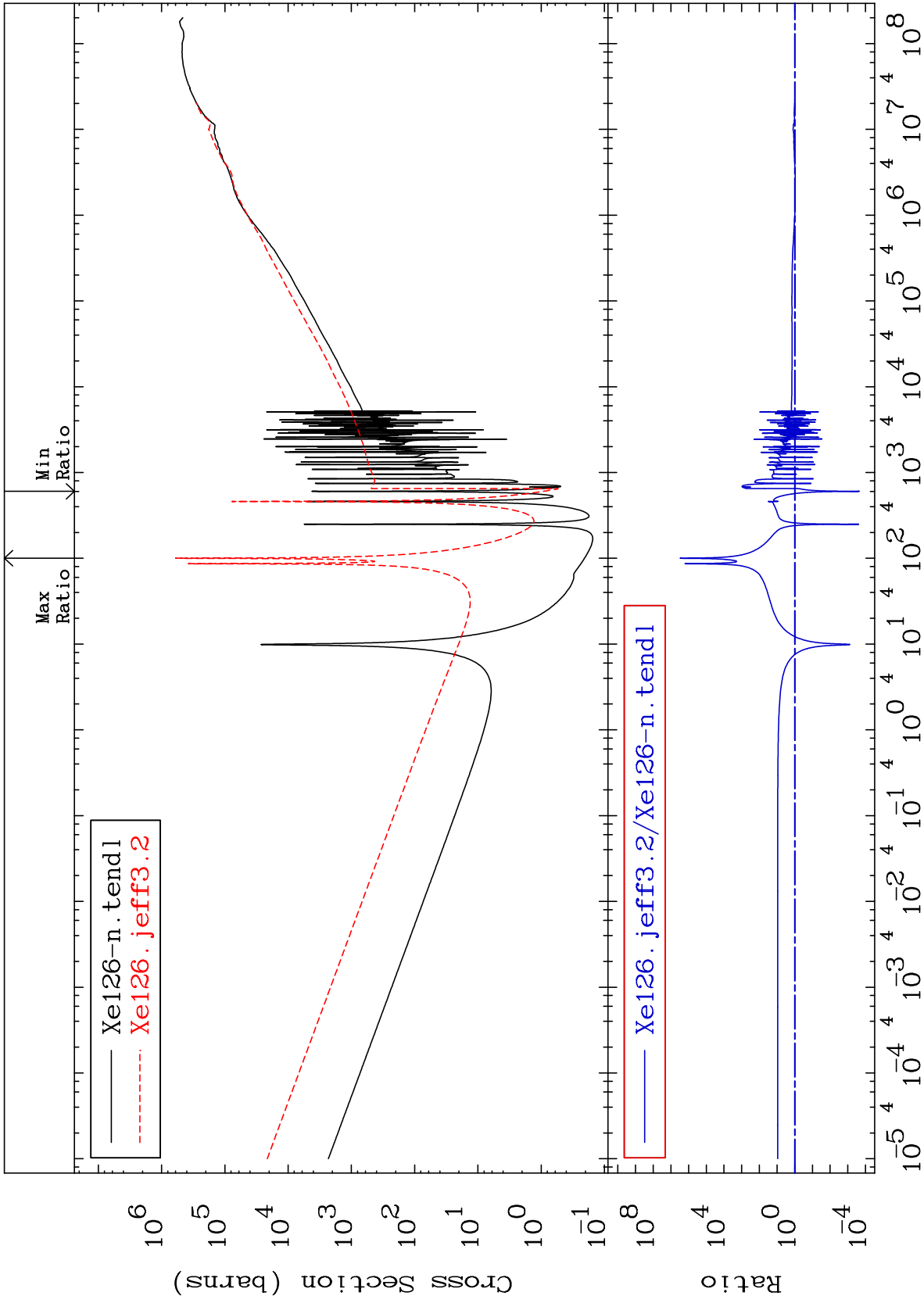
Total kinematic kerma (high limit)

54-Xe-126

Cross Section

-100.0 To 814.9 %





MAT 5431

Dpa elastic (mt2)
Cross Section

54-Xe-126
-98.38 To 9999. %

