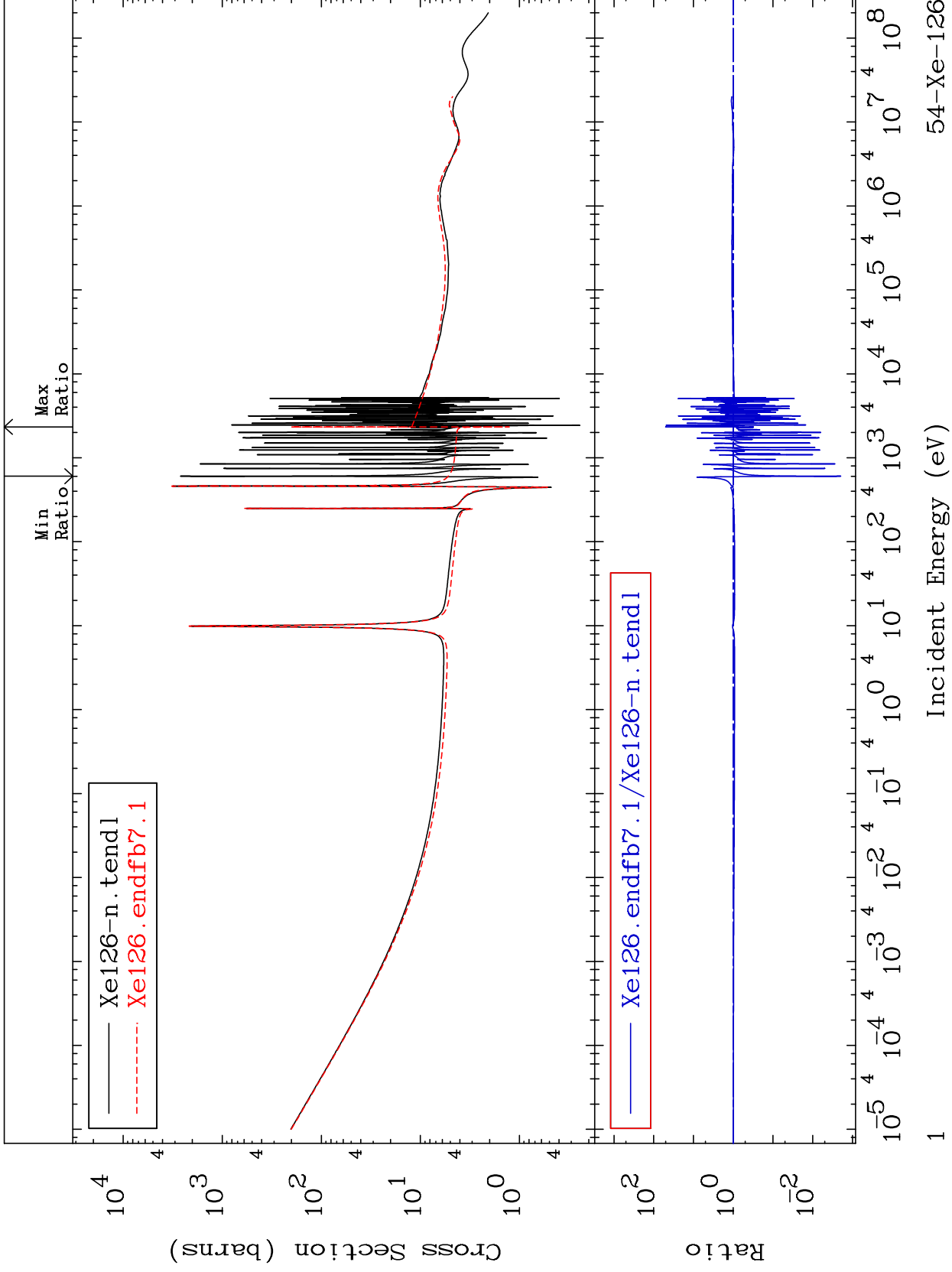


MAT 5431

Total
Cross Section

54-Xe-126
-99.80 To 4954. %

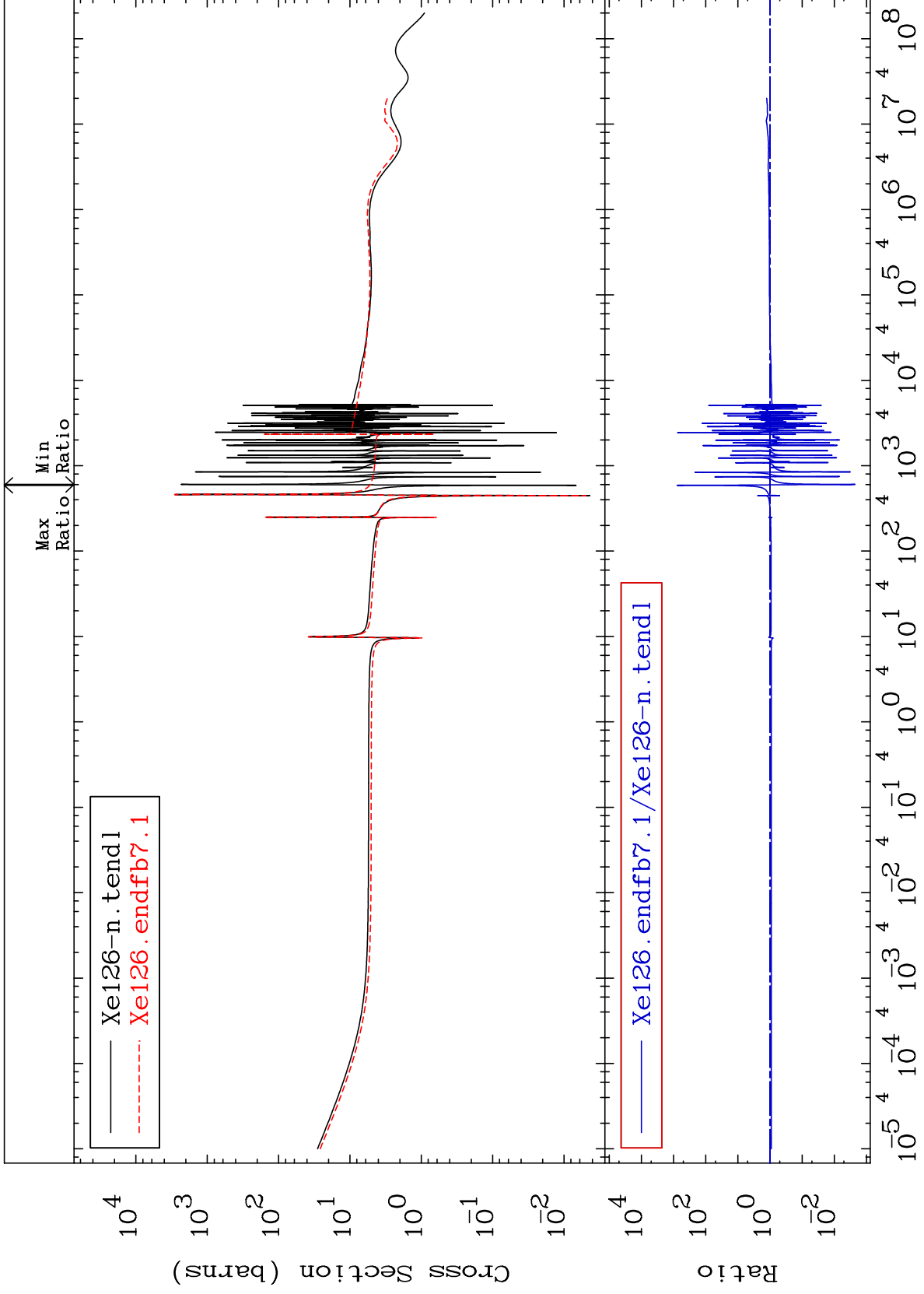


54-Xe-126

MAT 5431

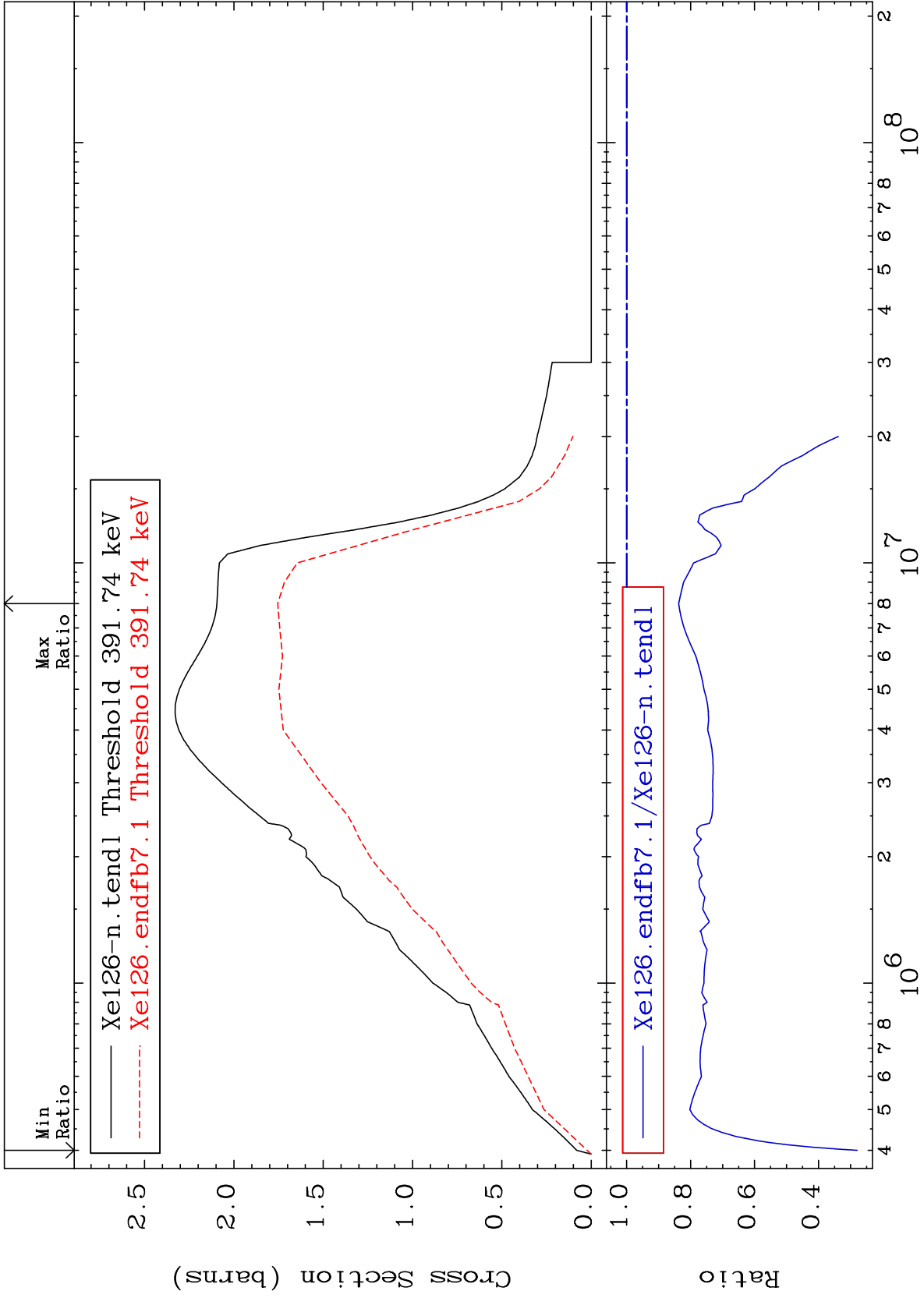
Elastic
Cross Section

54-Xe-126
-99.77 To 9999. %



MAT 5431

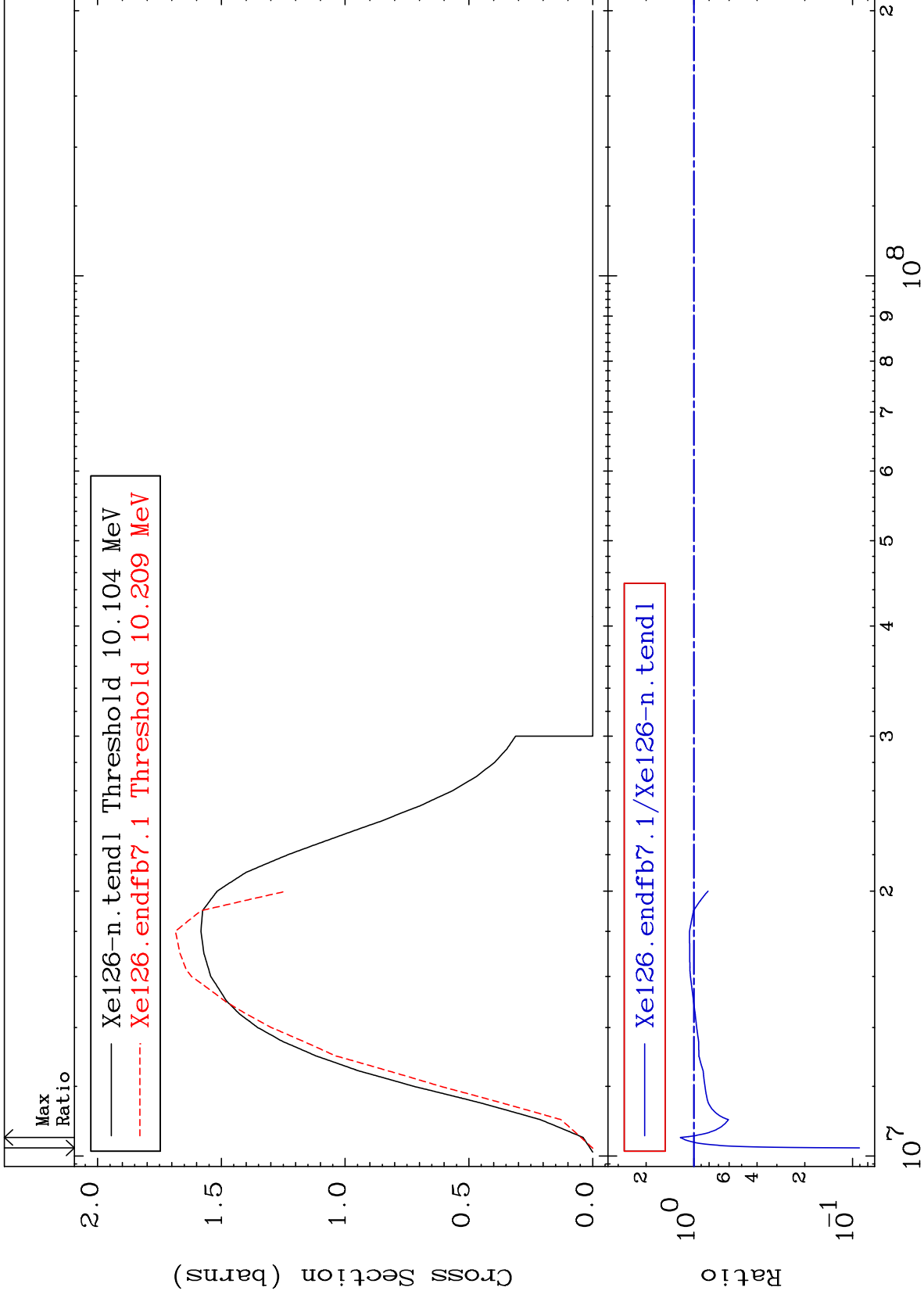
Inelastic Cross Section
54-Xe-126
-72.10 To -16.25%



MAT 5431

(n,2n)
Cross Section

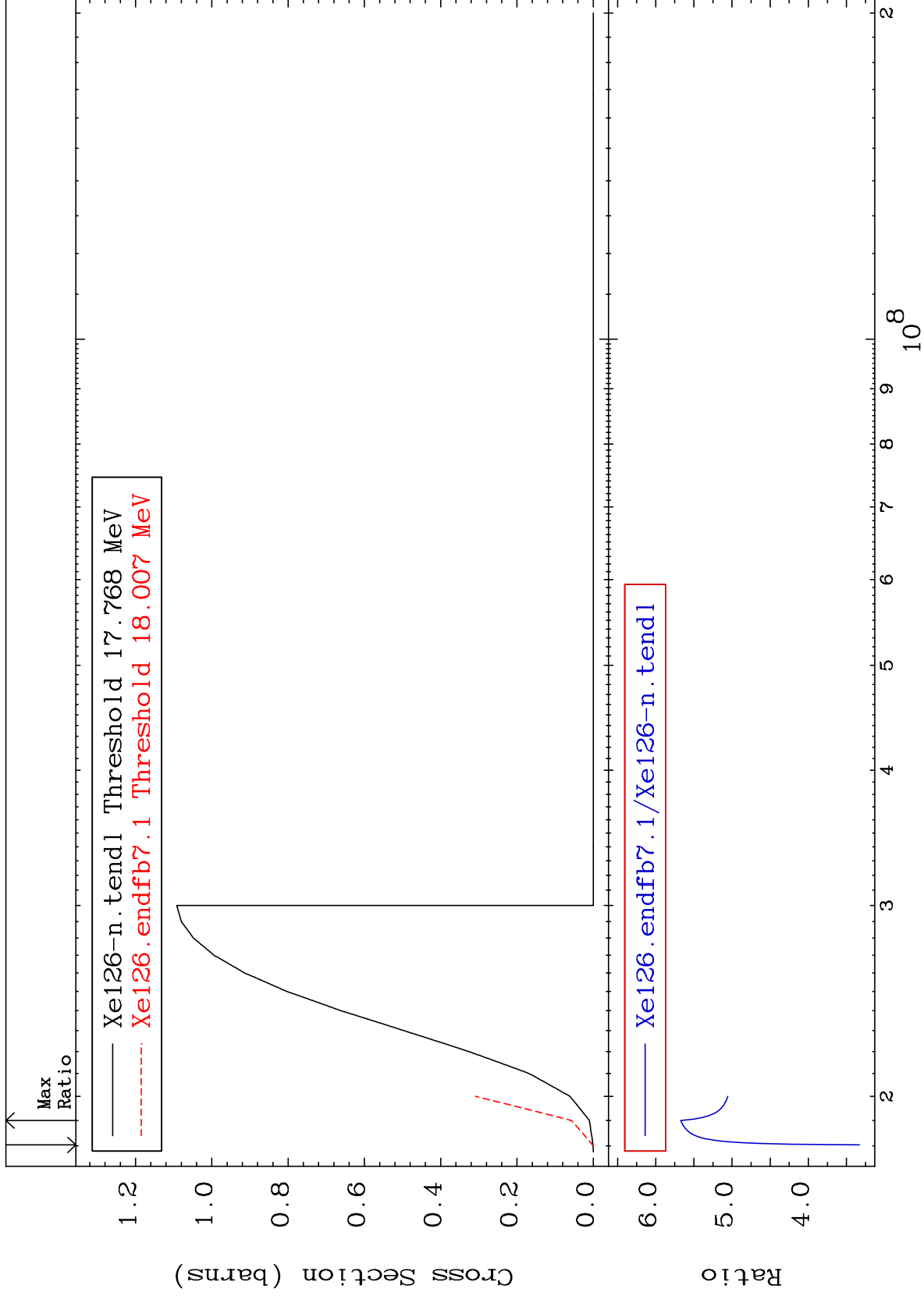
54-Xe-126
-90.96 To 21.57 %

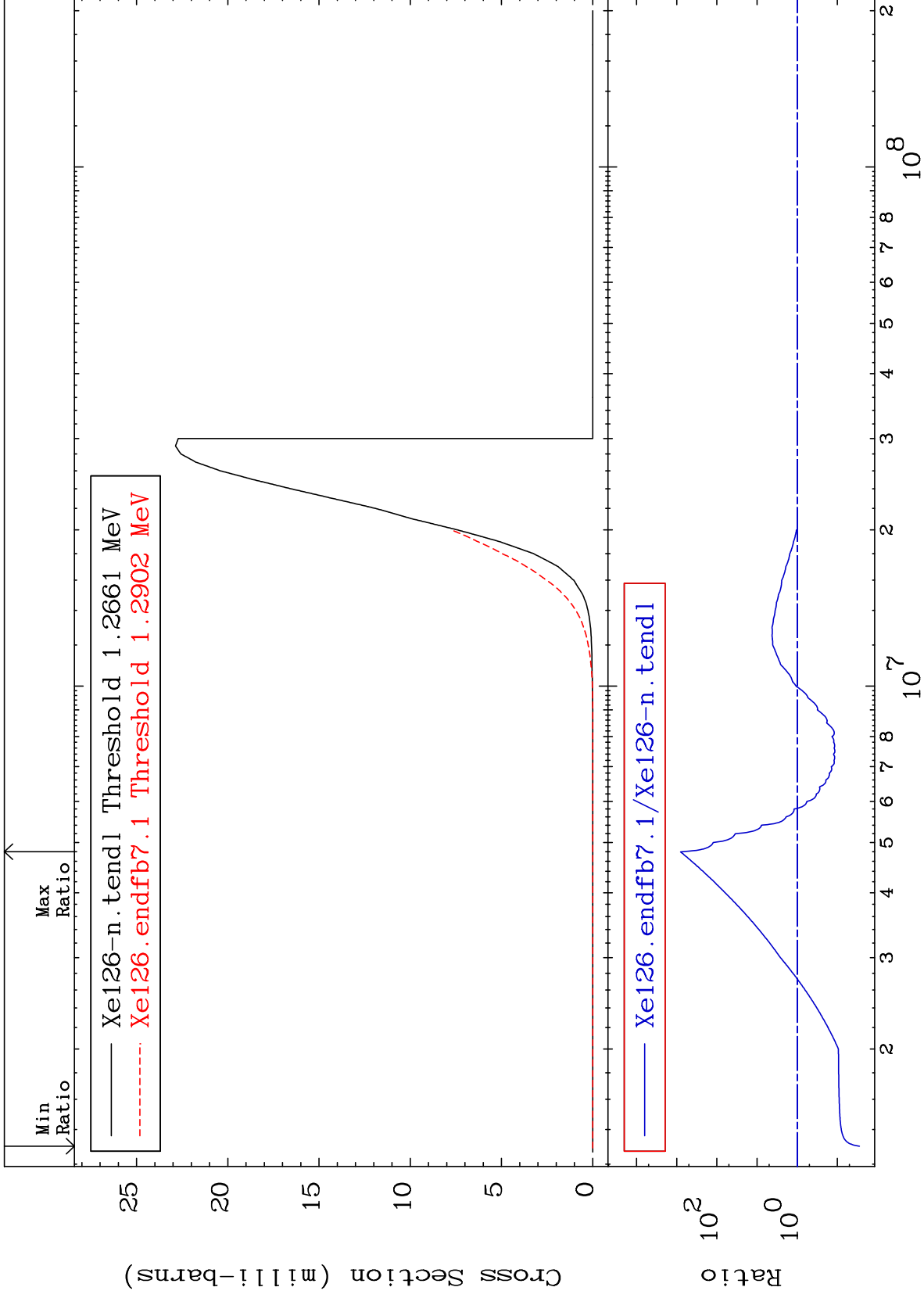


4

Incident Energy (eV)

54-Xe-126

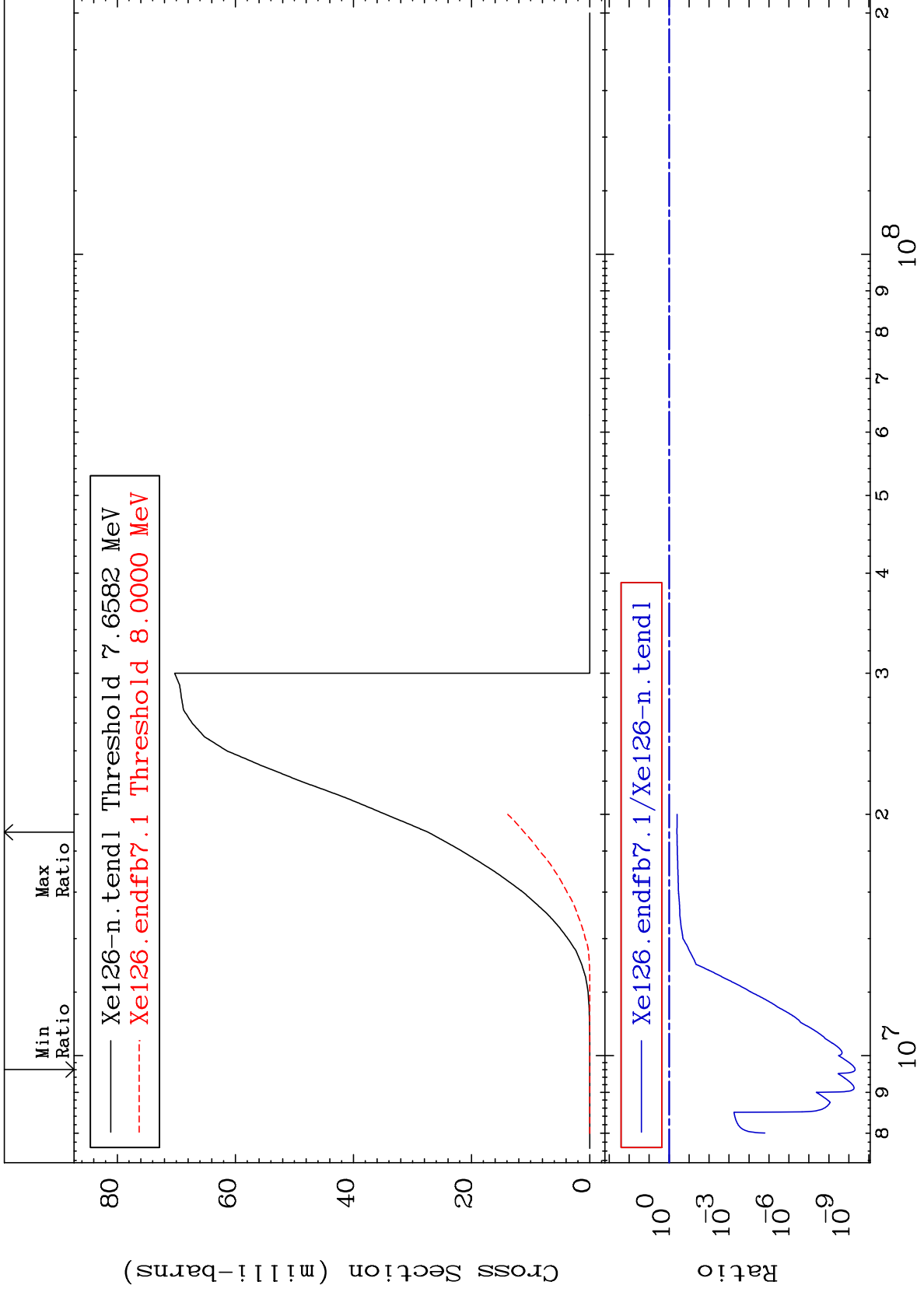




MAT 5431

(n,n') p
Cross Section

54-Xe-126
-100.0 To -59.43%



7

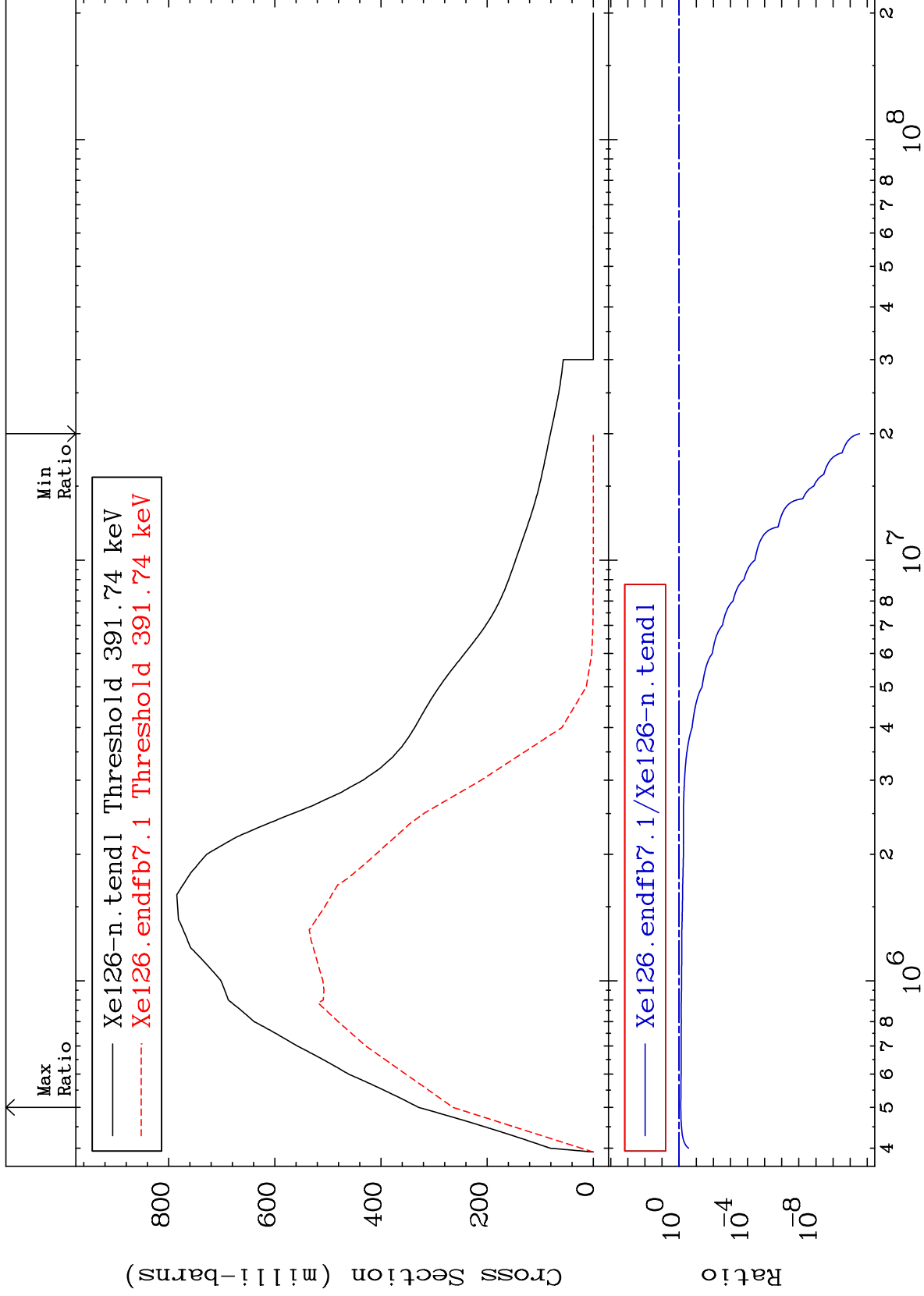
Incident Energy (eV)

54-Xe-126

MAT 5431

388.6 keV (n,n') Level
Cross Section

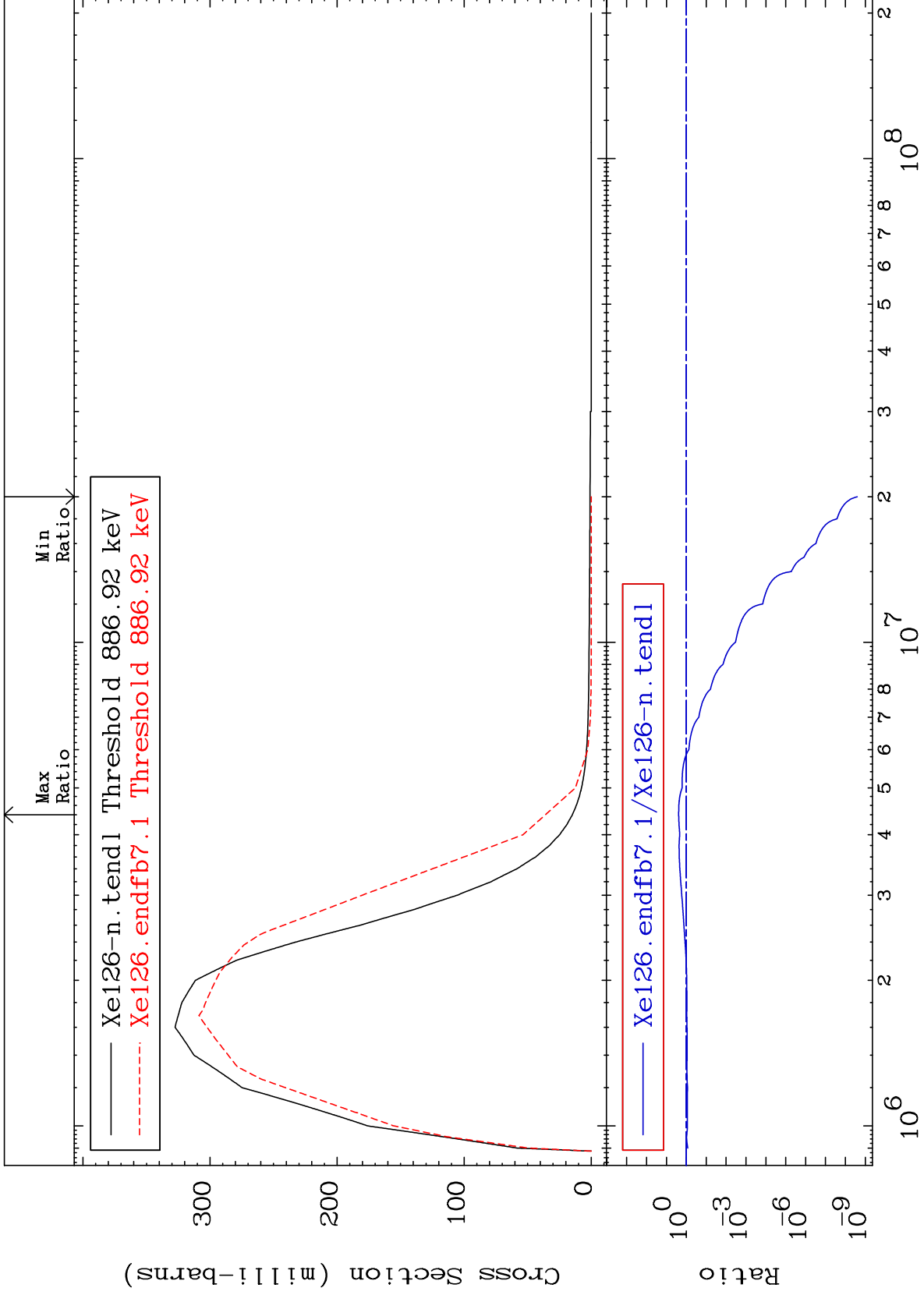
54-Xe-126
-100.0 To -19.72%



MAT 5431

879.9 keV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 143.6 %

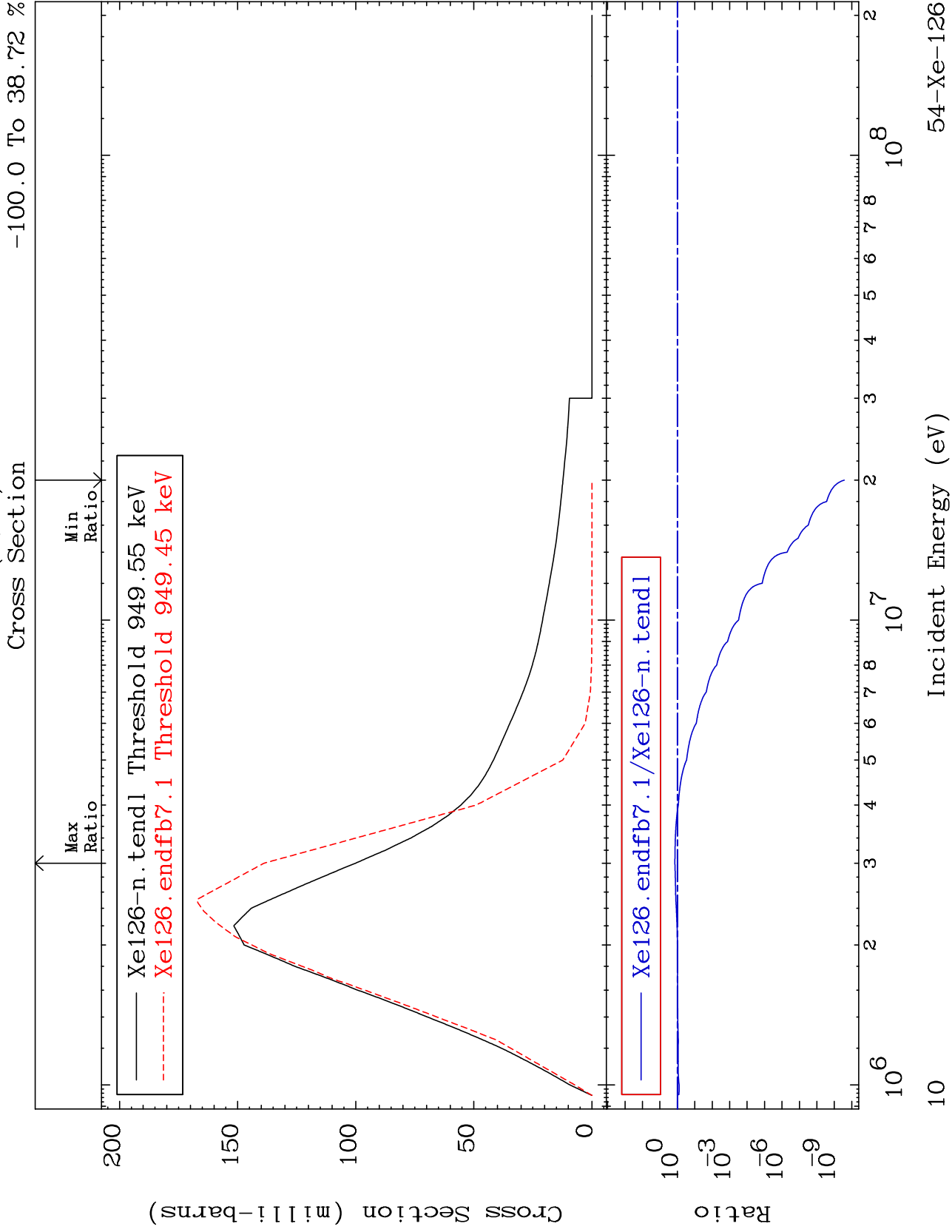


MAT 5431

942.0 keV (n,n') Level

54-Xe-126

-100.0 To 38.72 %



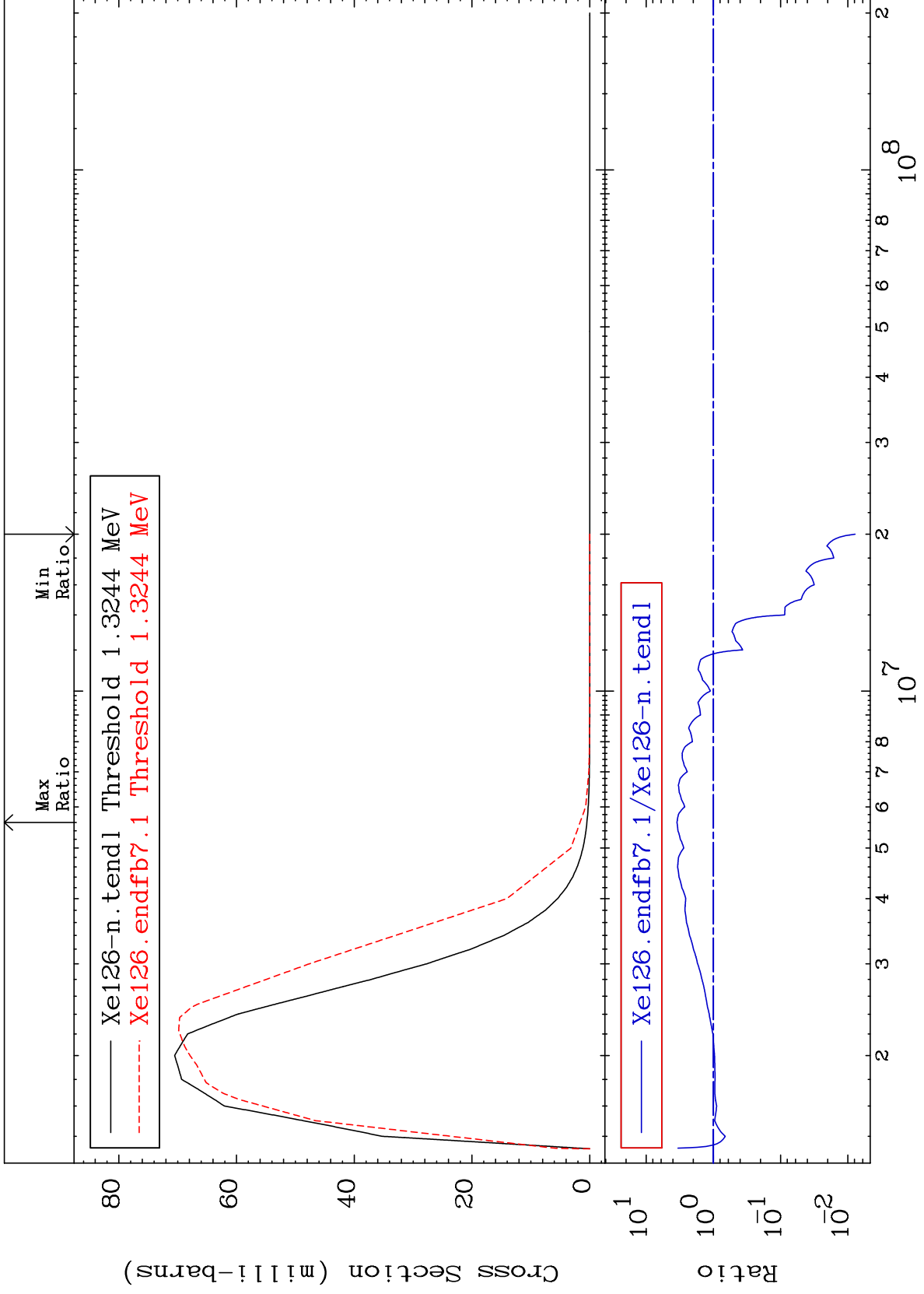
Incident Energy (eV)

54-Xe-126

MAT 5431

1.314 MeV (n,n') Level
Cross Section

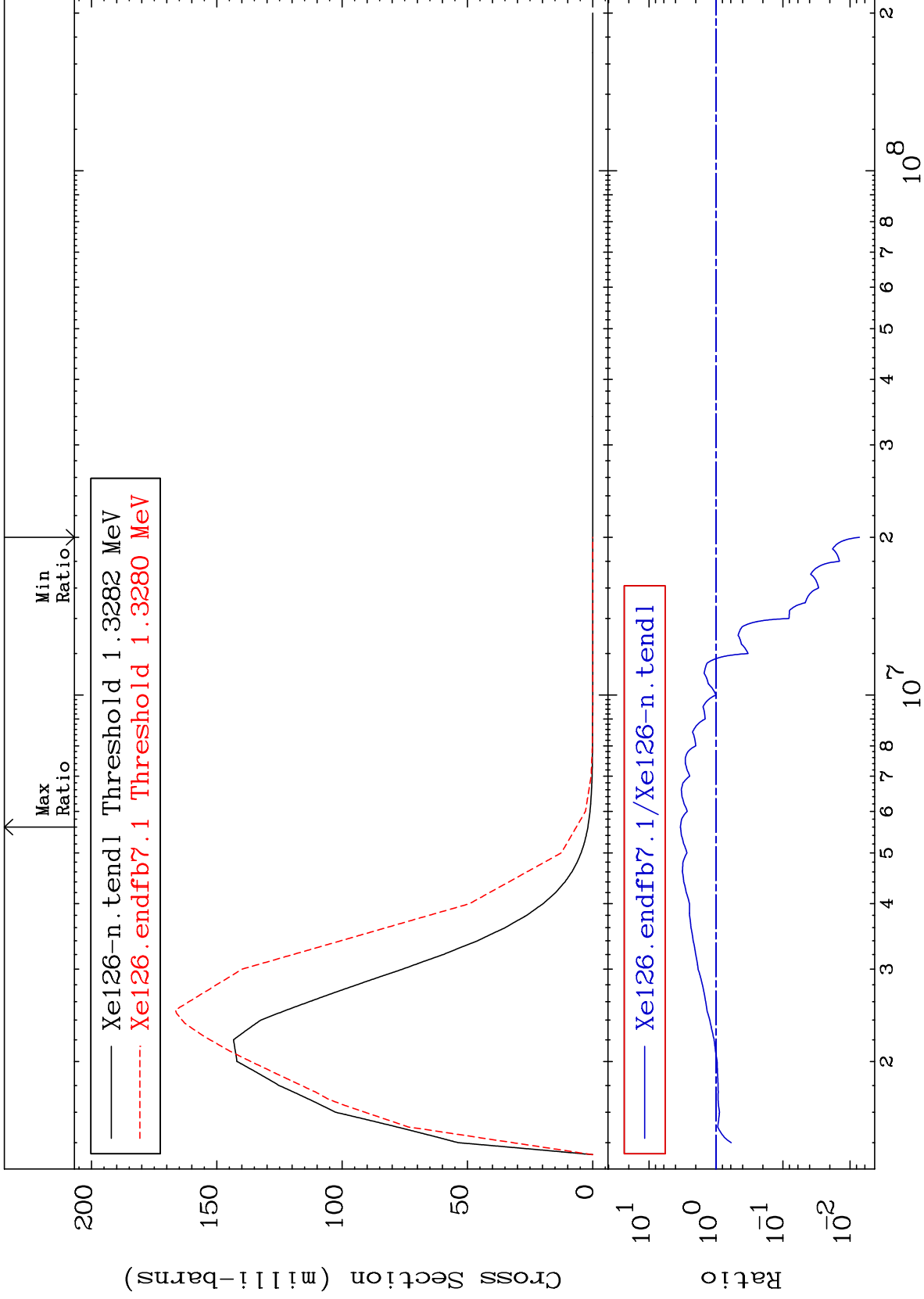
54-Xe-126
-99.22 To 249.2 %



MAT 5431

1.318 MeV (n,n') Level
Cross Section

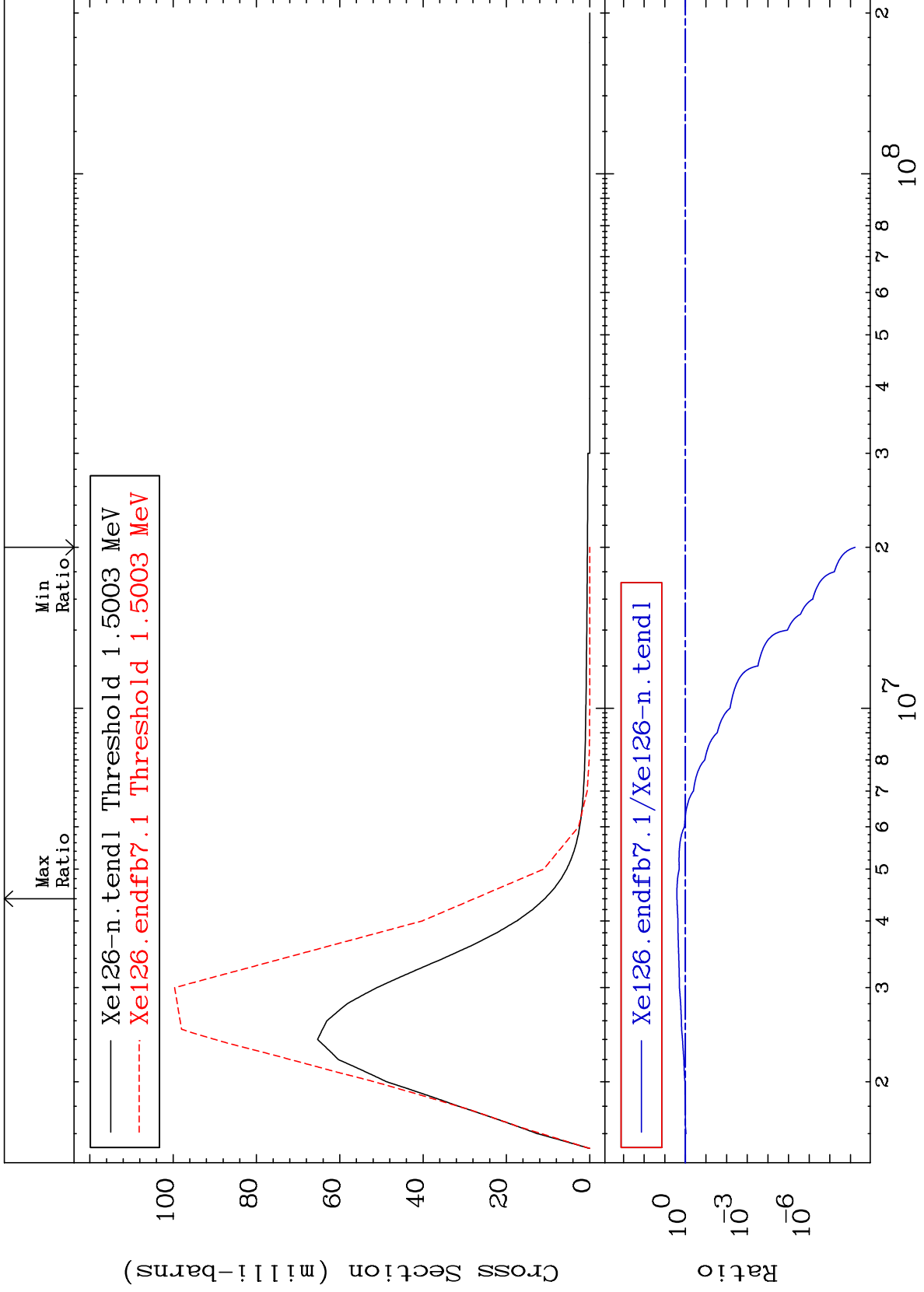
54-Xe-126
-99.28 To 239.7 %



MAT 5431

1.488 MeV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 157.3 %



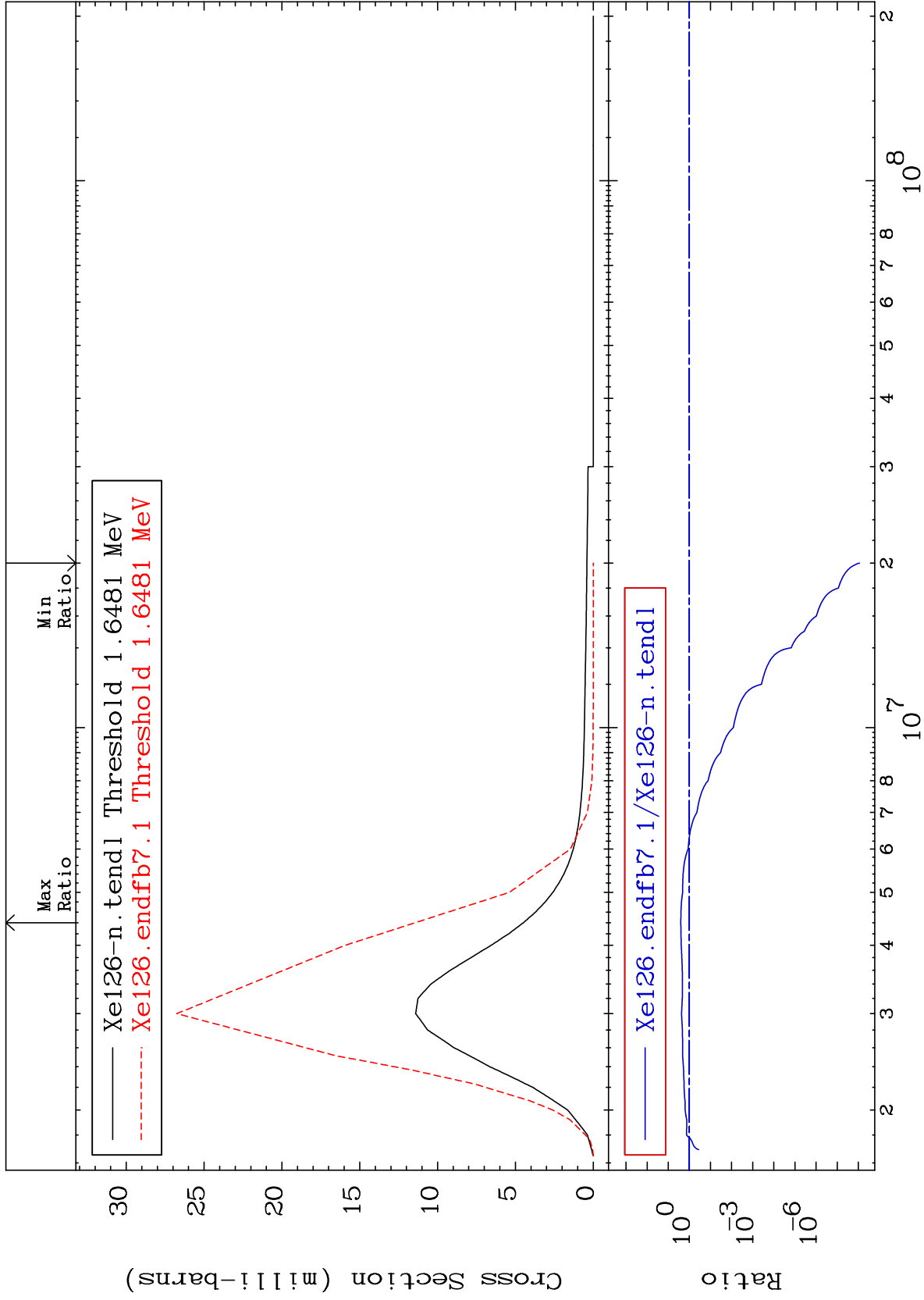
MAT 5431

1.635 MeV (n,n') Level

54-Xe-126

-100.0 To 155.1 %

Cross Section



14

Incident Energy (eV)

54-Xe-126

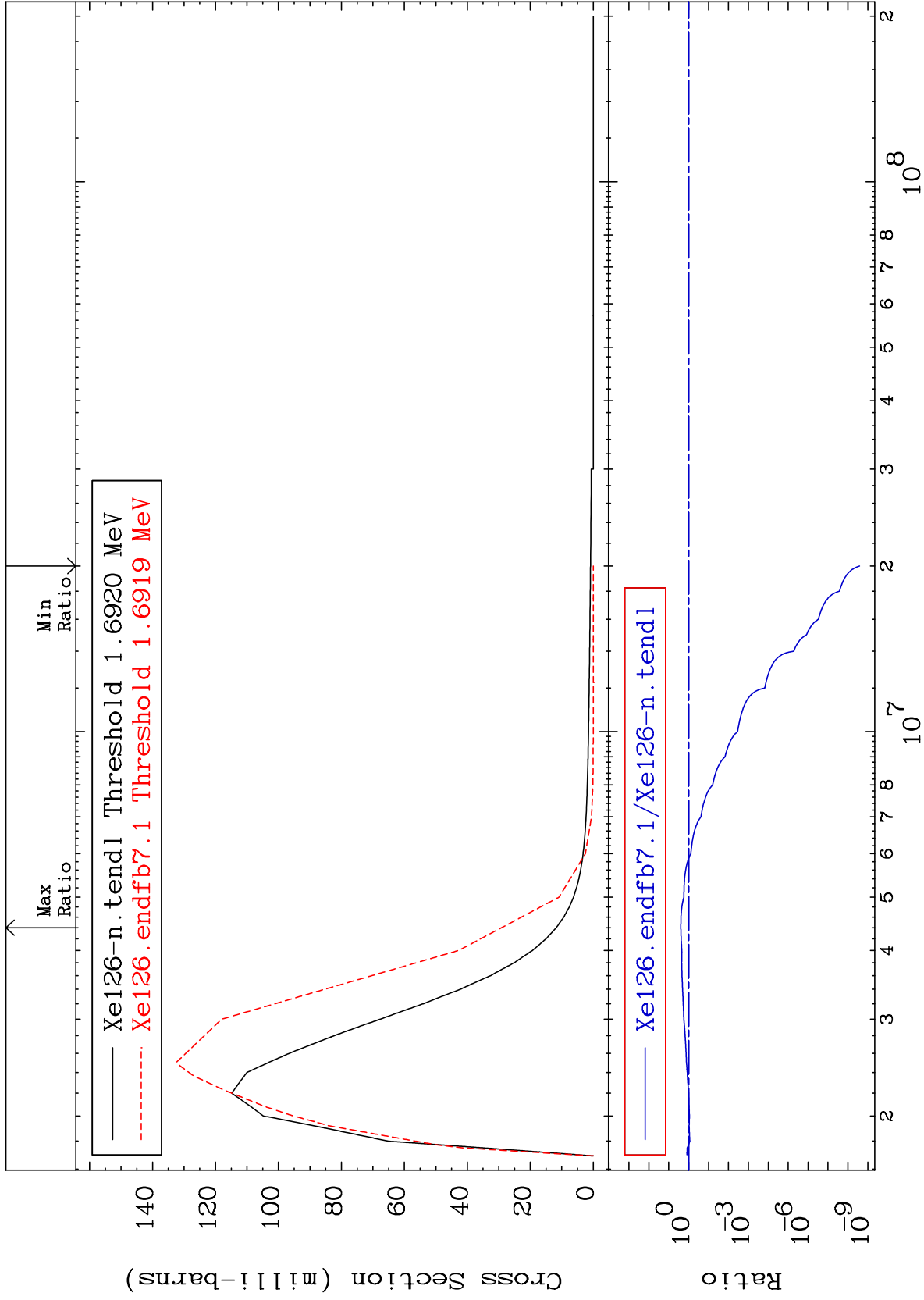
MAT 5431

1.679 MeV (n,n') Level

54-Xe-126

-100.0 To 148.1 %

Cross Section



15

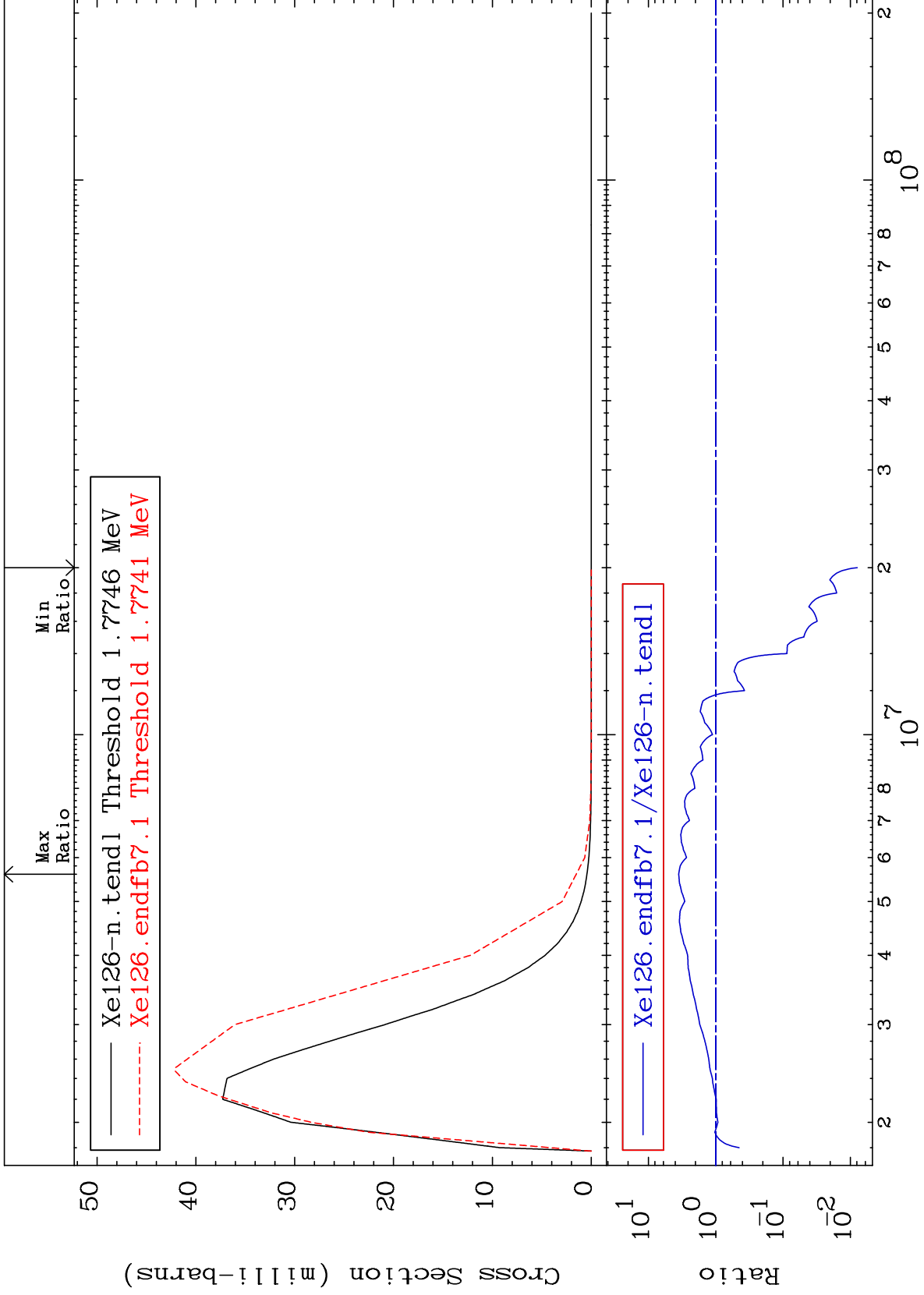
Incident Energy (eV)

54-Xe-126

MAT 5431

1.761 MeV (n,n') Level
Cross Section

54-Xe-126
-99.21 To 255.7 %



16

Incident Energy (eV)

54-Xe-126

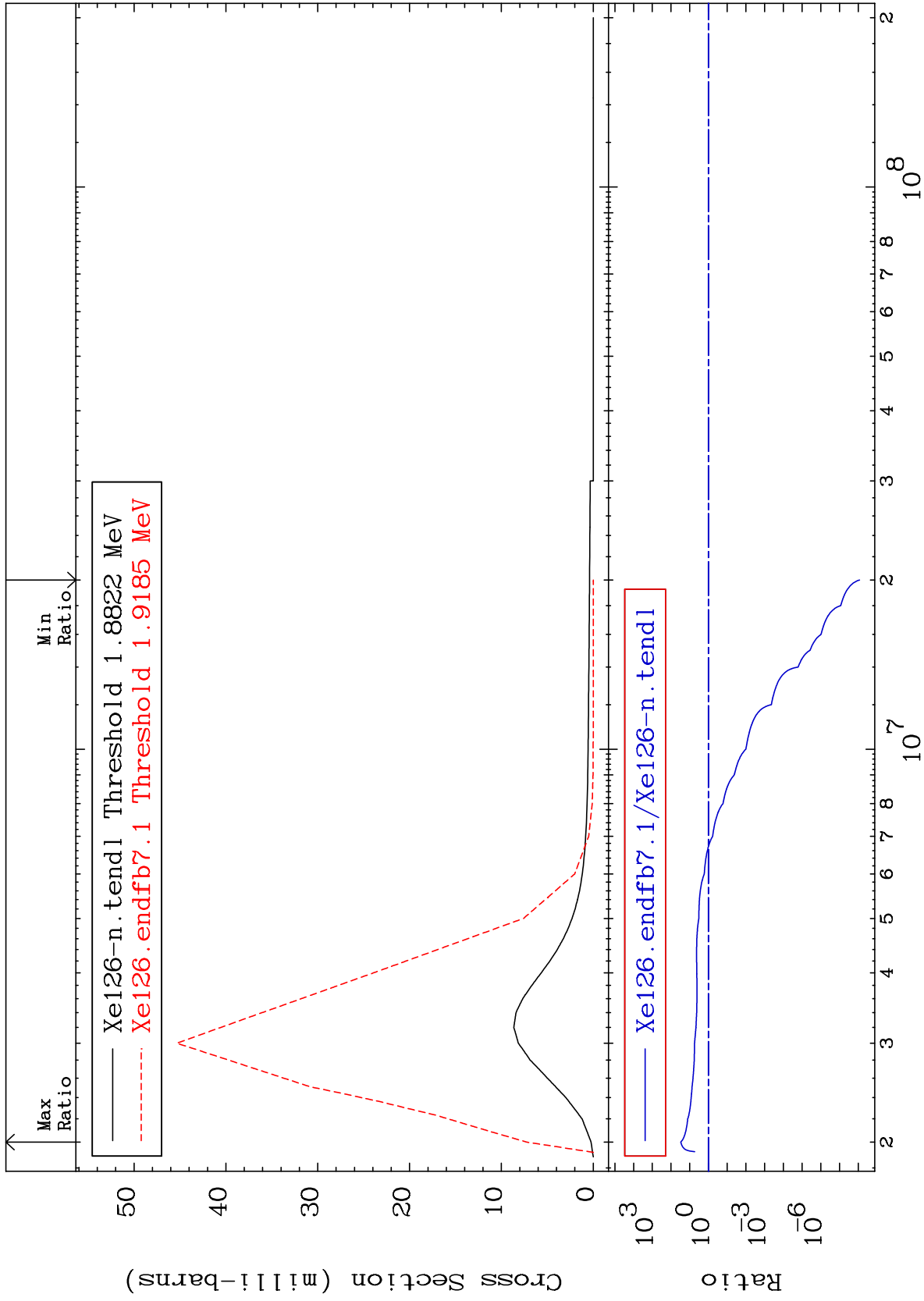
MAT 5431

1.867 MeV (n,n') Level

54-Xe-126

-100.0 To 2925. %

Cross Section



17

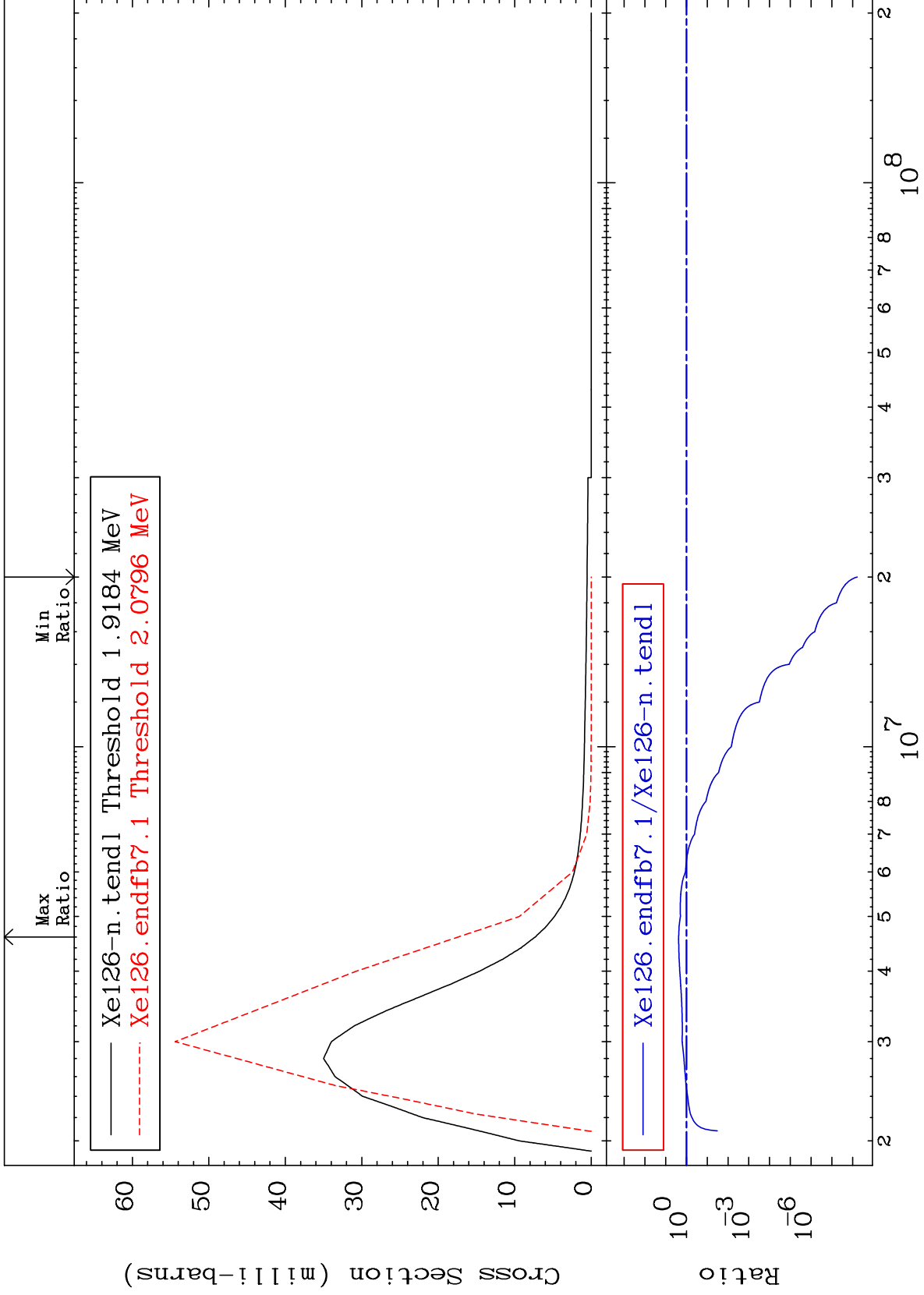
Incident Energy (eV)

54-Xe-126

MAT 5431

1.903 MeV (n,n') Level
Cross Section

54-Xe-126
-100.0 To 137.6 %



18

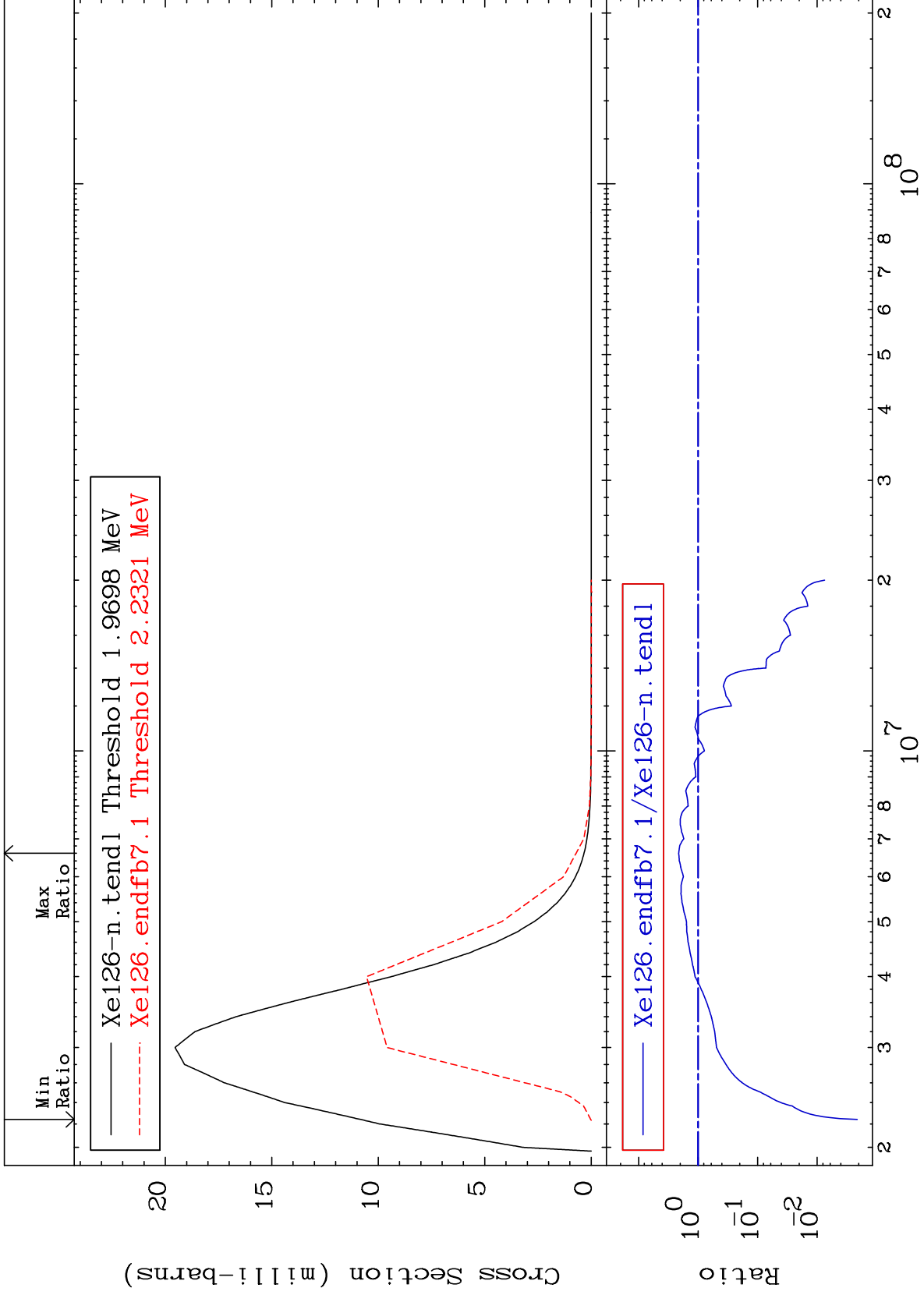
Incident Energy (eV)

54-Xe-126

MAT 5431

1.954 MeV (n,n') Level
Cross Section

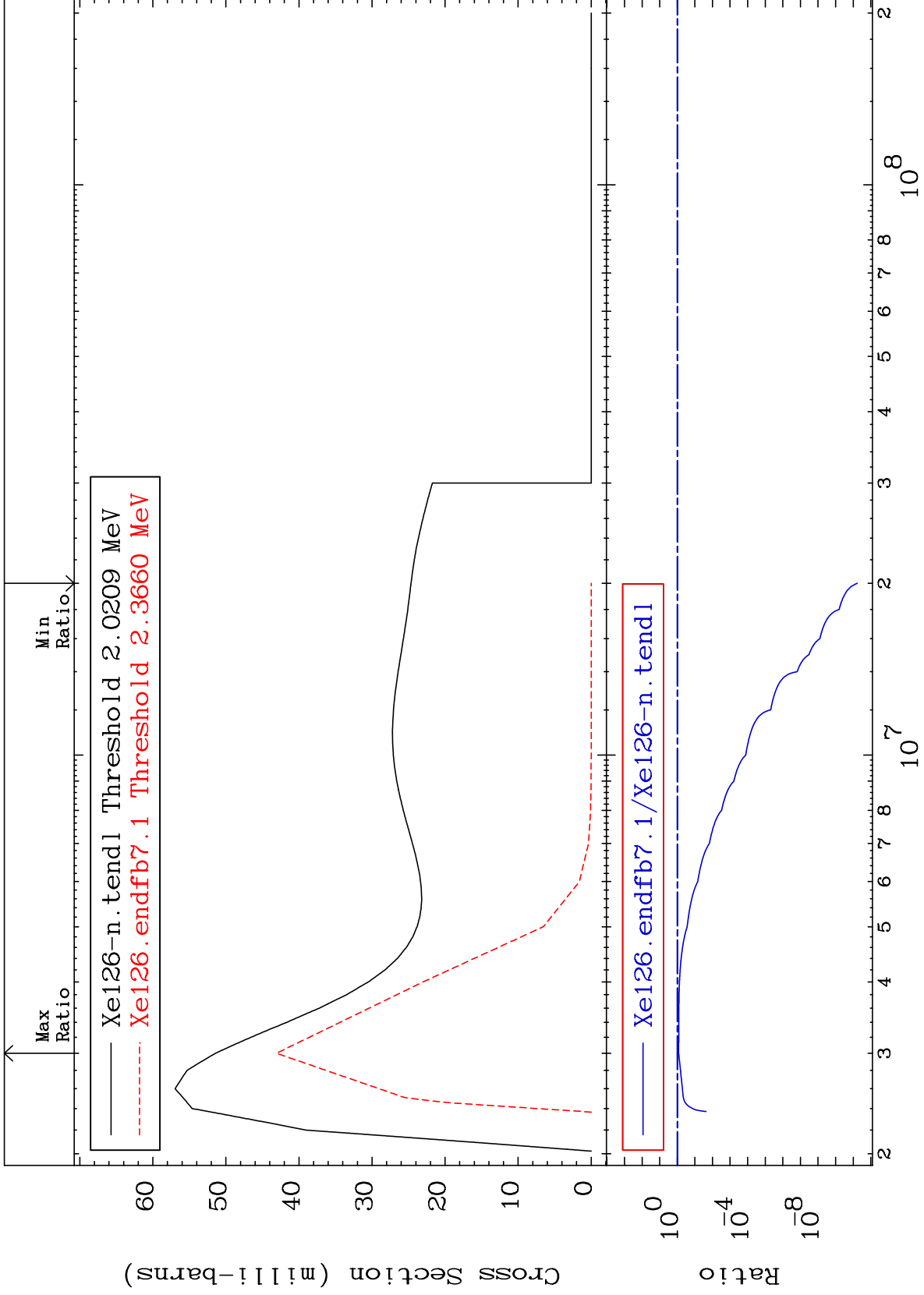
54-Xe-126
-99.79 To 112.2 %



MAT 5431

2.005 MeV (n,n') Level
Cross Section

54-Xe-126
-100.0 To -16.22%



20

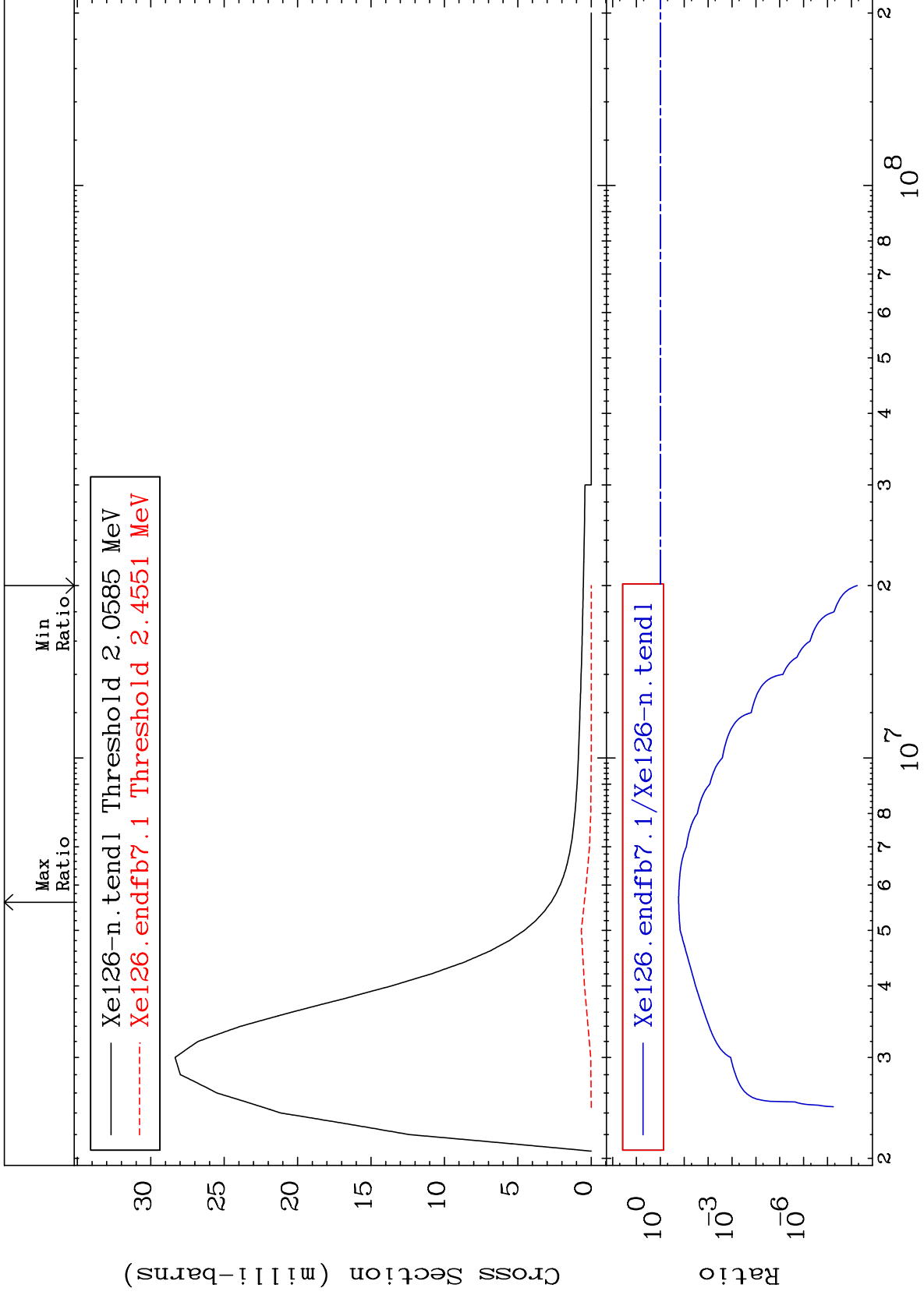
Incident Energy (eV)

54-Xe-126

MAT 5431

2.042 MeV (n,n') Level
Cross Section

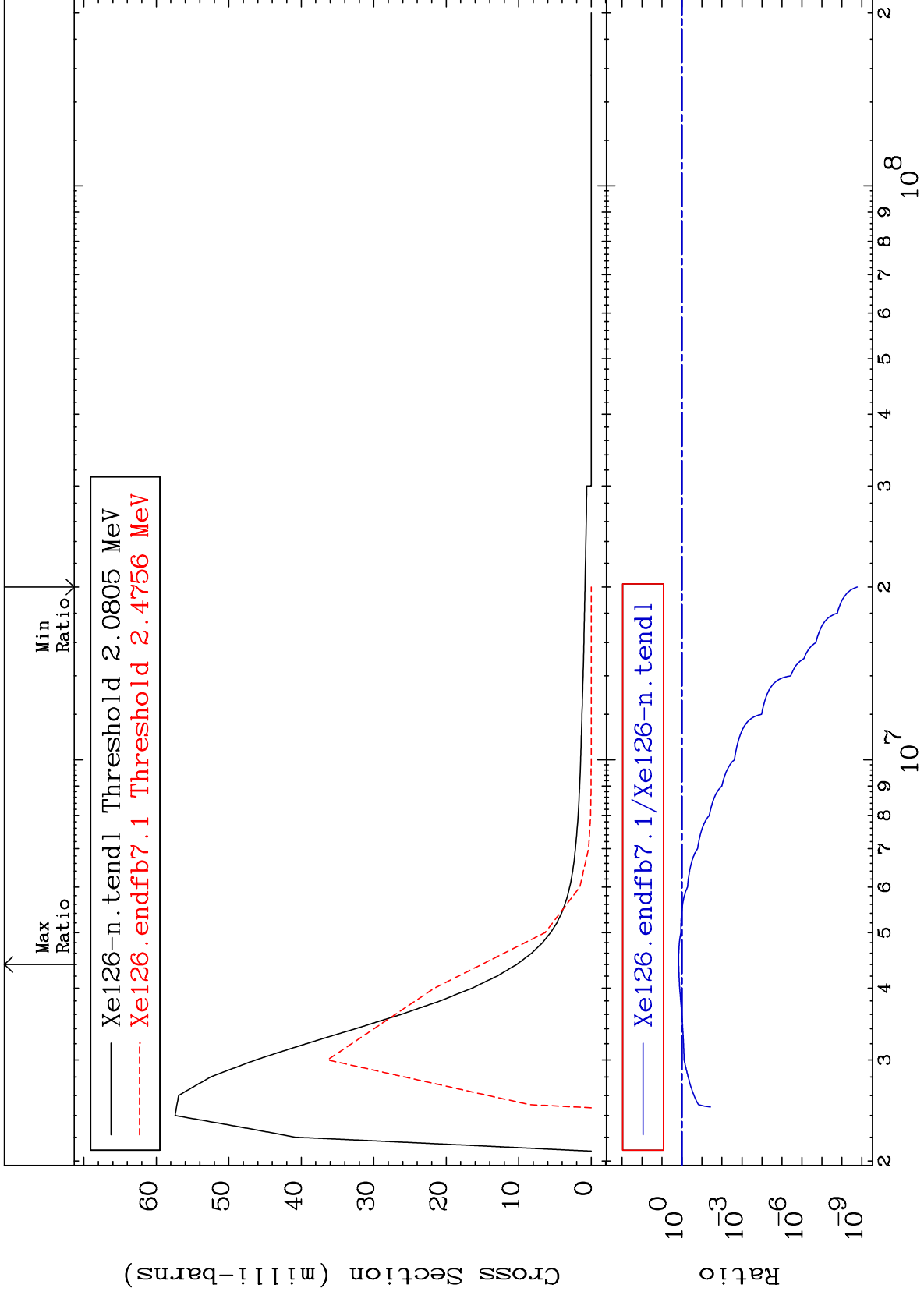
54-Xe-126
-100.0 To -82.87%

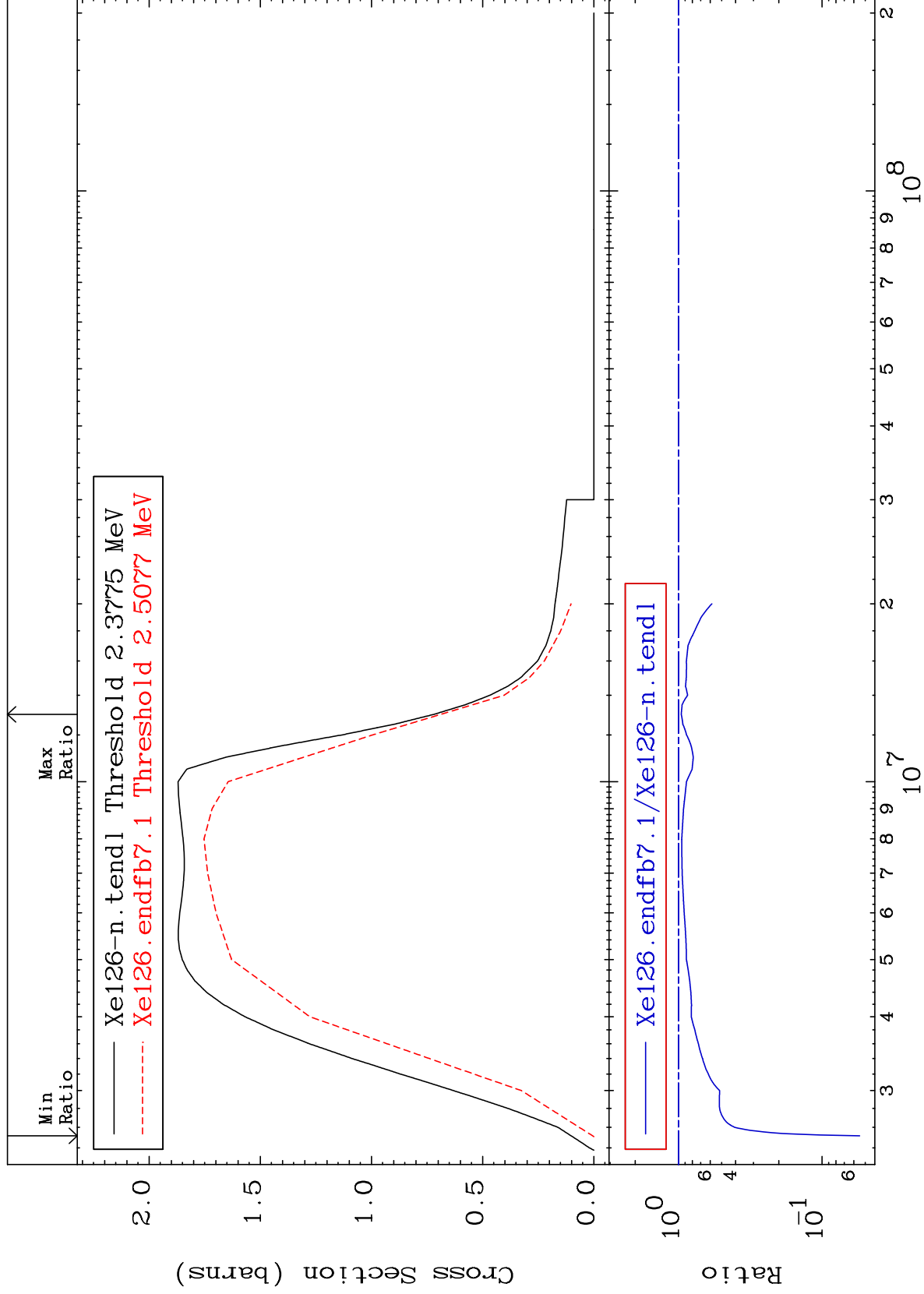


MAT 5431

2.064 MeV (n,n') Level
Cross Section

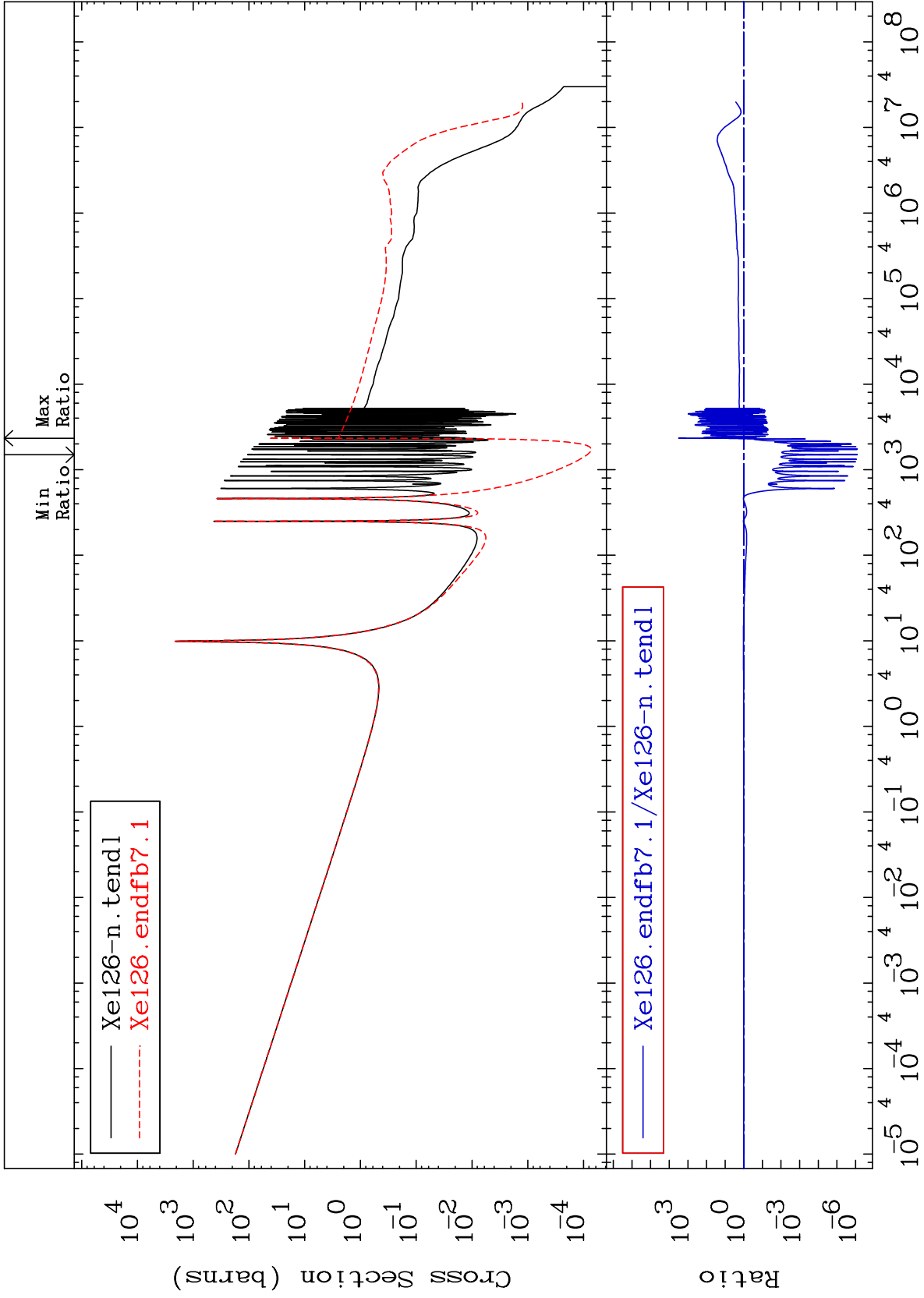
54-Xe-126
-100.0 To 47.19 %





MAT 5431

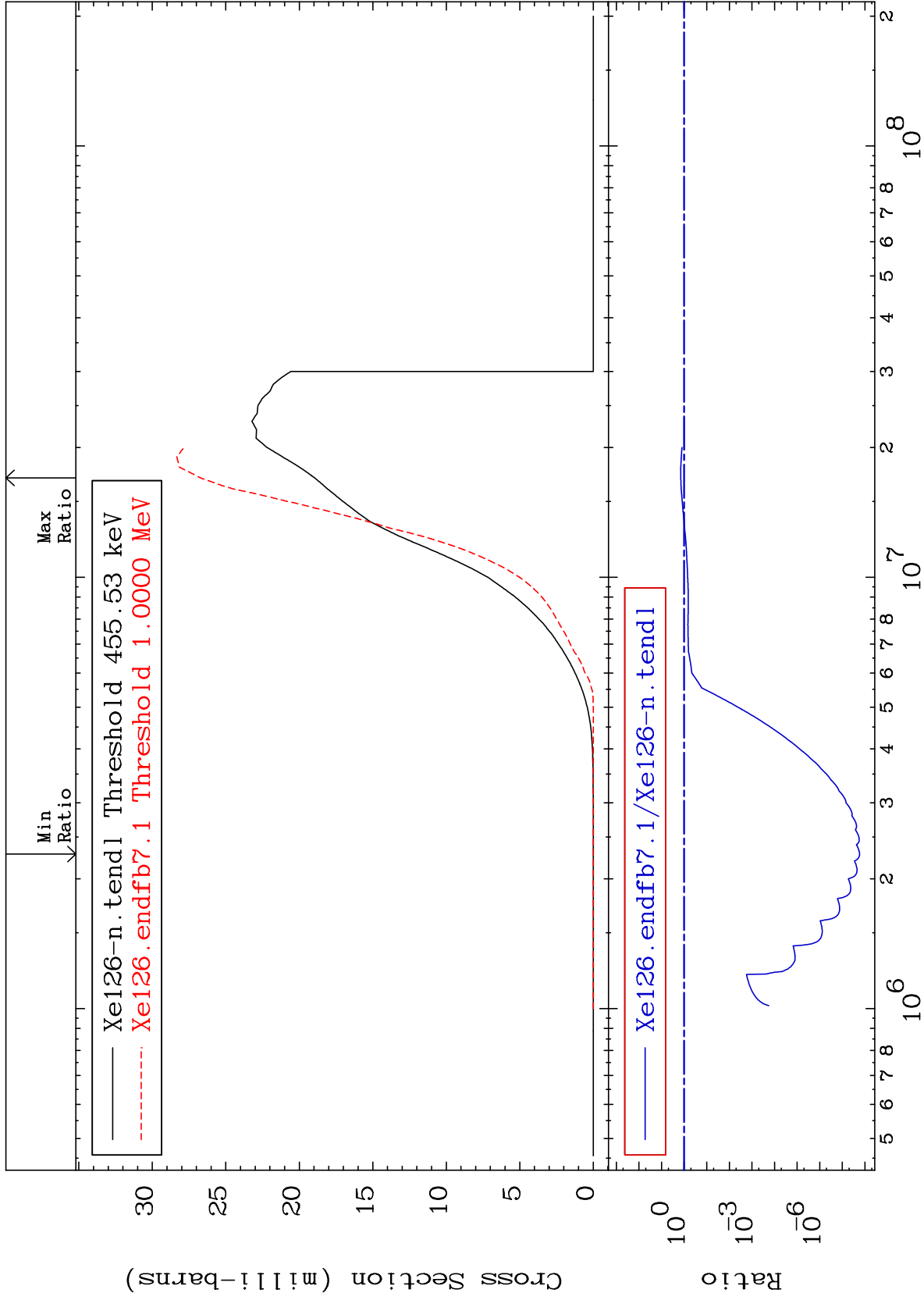
(n, γ)
Cross Section
54-Xe-126
-100.0 To 9999. %



MAT 5431

54-Xe-126

(n,p)
Cross Section
-100.0 To 41.06 %



25

54-Xe-126

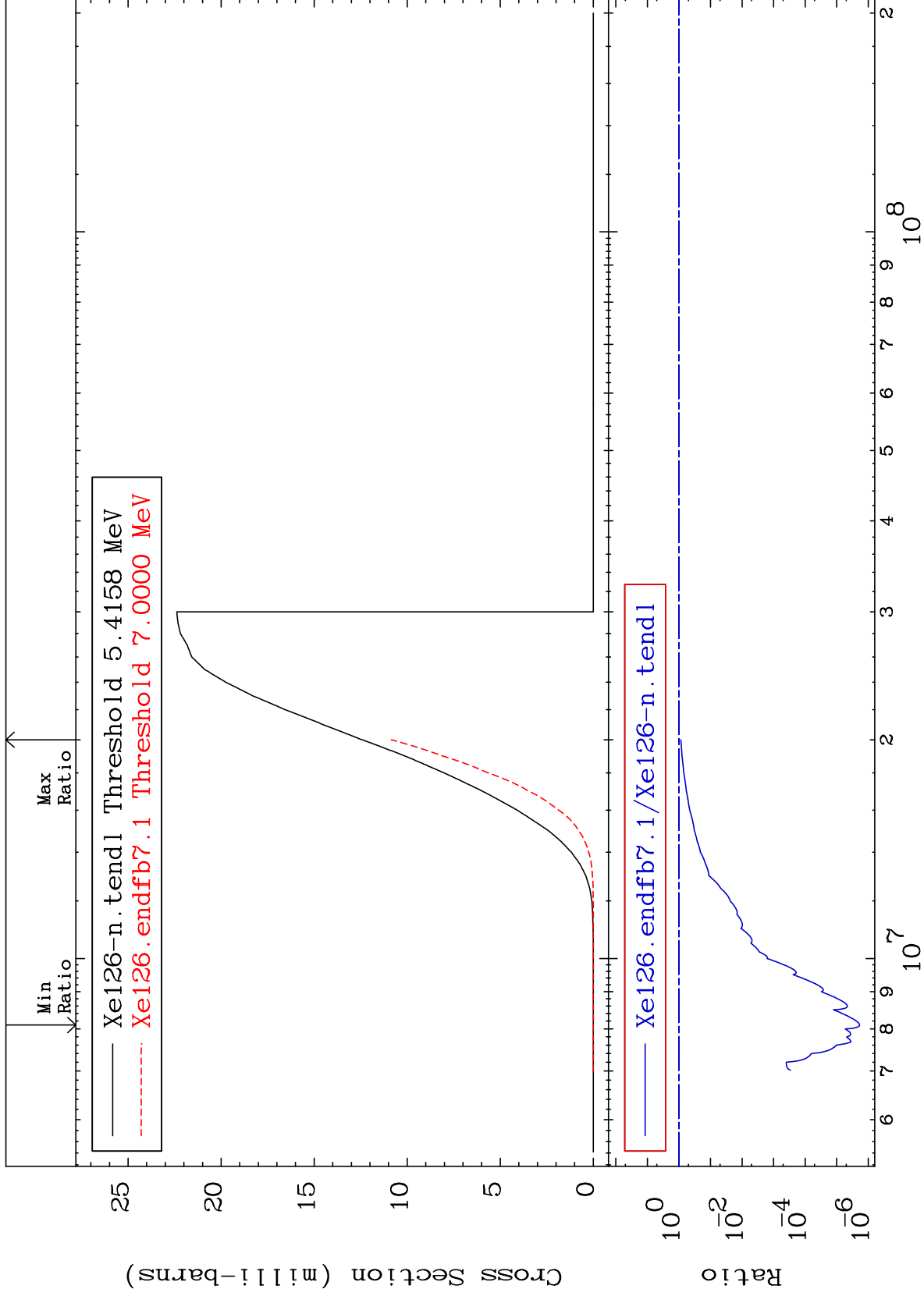
MAT 5431

(n, d)

54-Xe-126

Cross Section

-100.0 To -12.54%



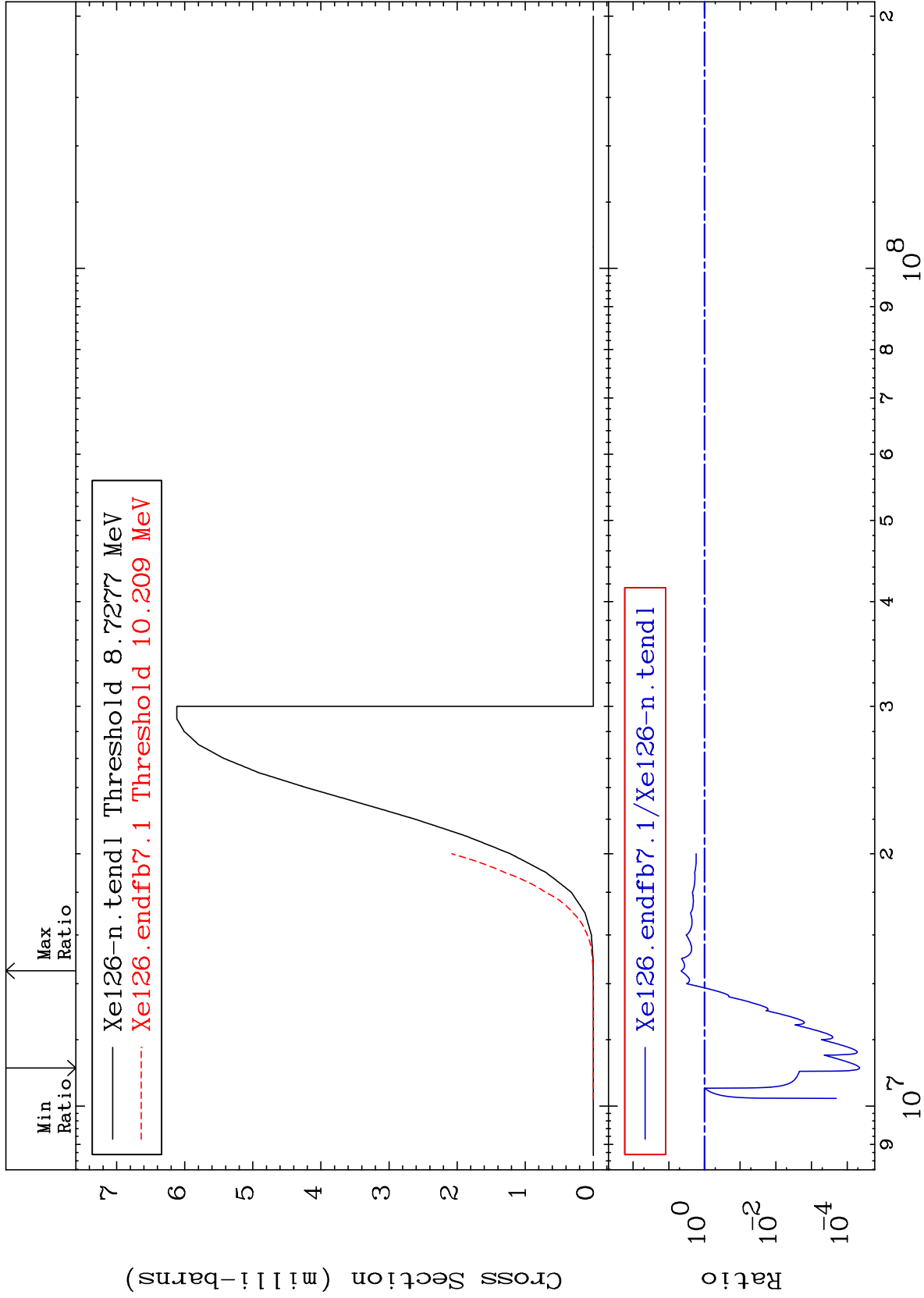
26

Incident Energy (eV)

54-Xe-126

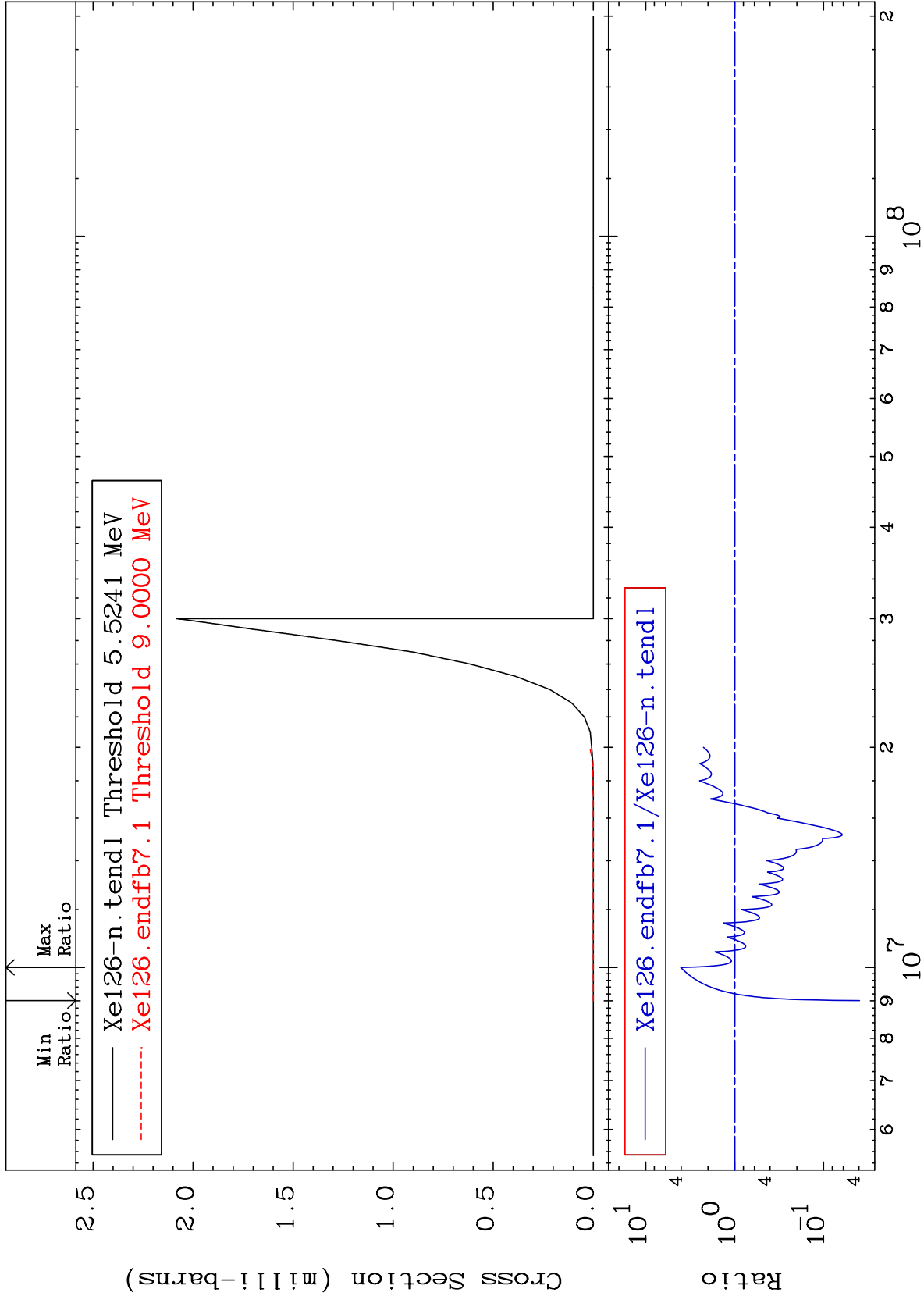
Cross Section

-100.0 To 360.8 %



Cross Section

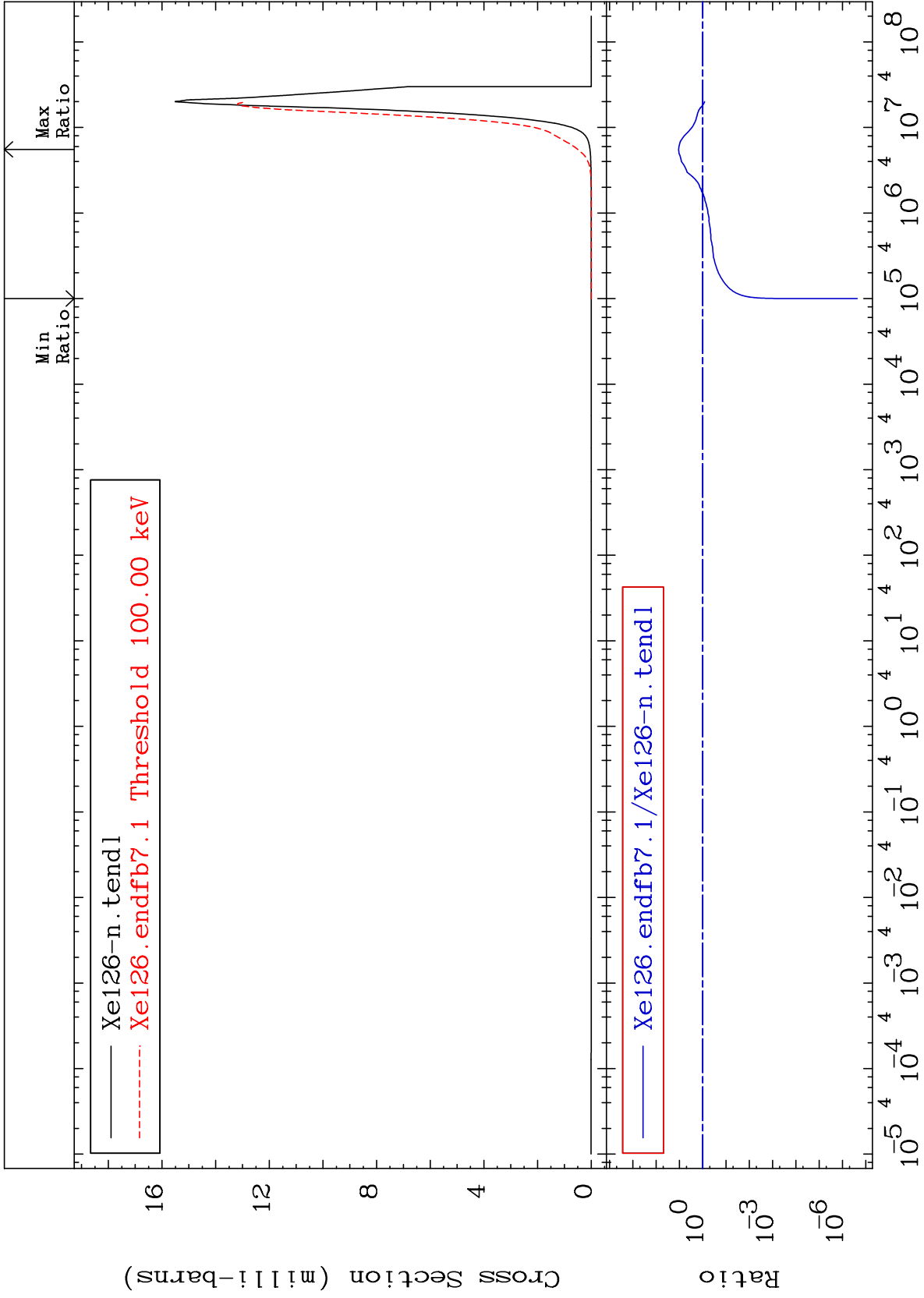
-96.06 To 303.6 %



MAT 5431

(n, α)
Cross Section

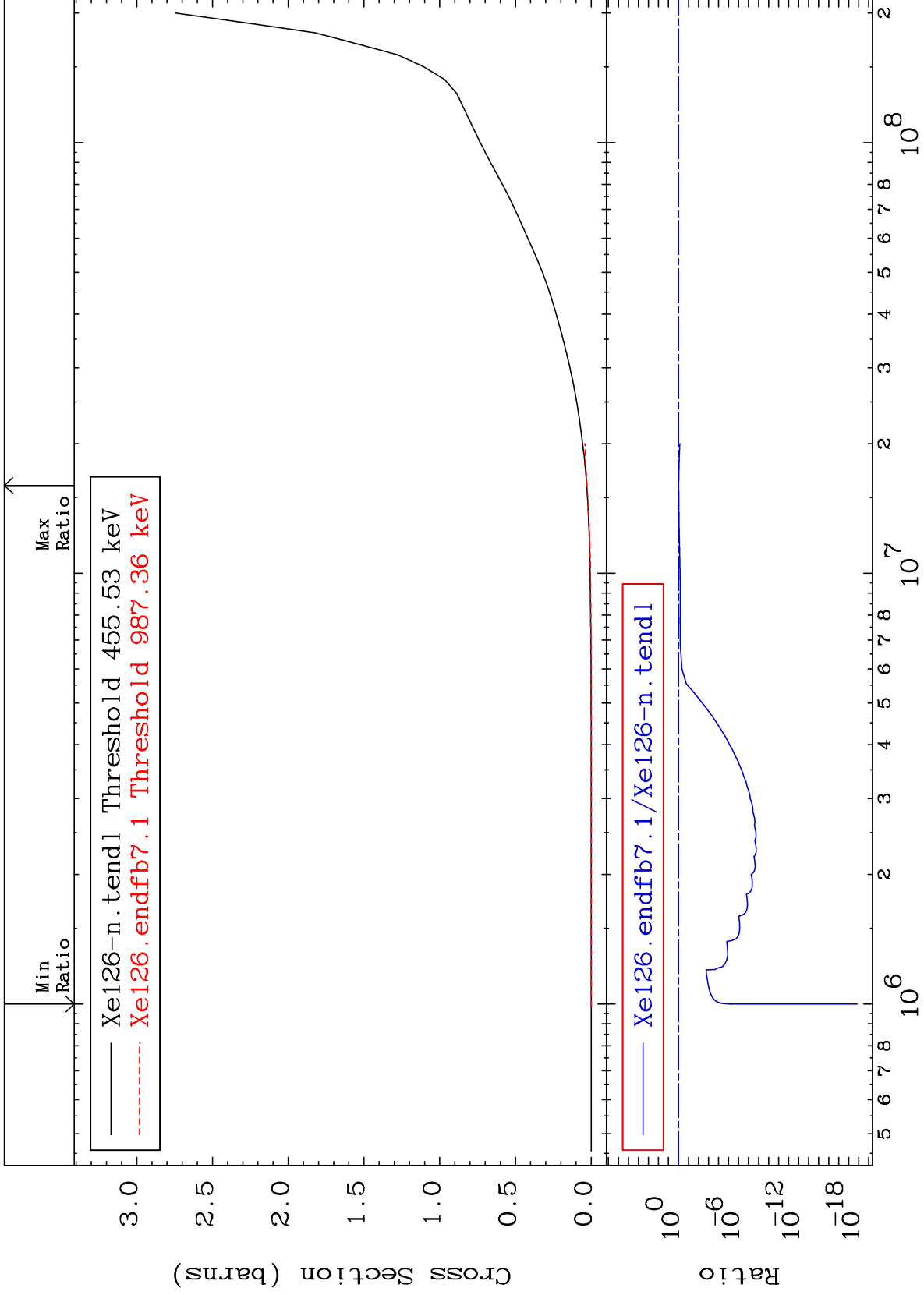
54-Xe-126
-100.0 To 984.7 %



MAT 5431

Hydrogen Production
Cross Section

54-Xe-126
-100.0 To -3.835%



30

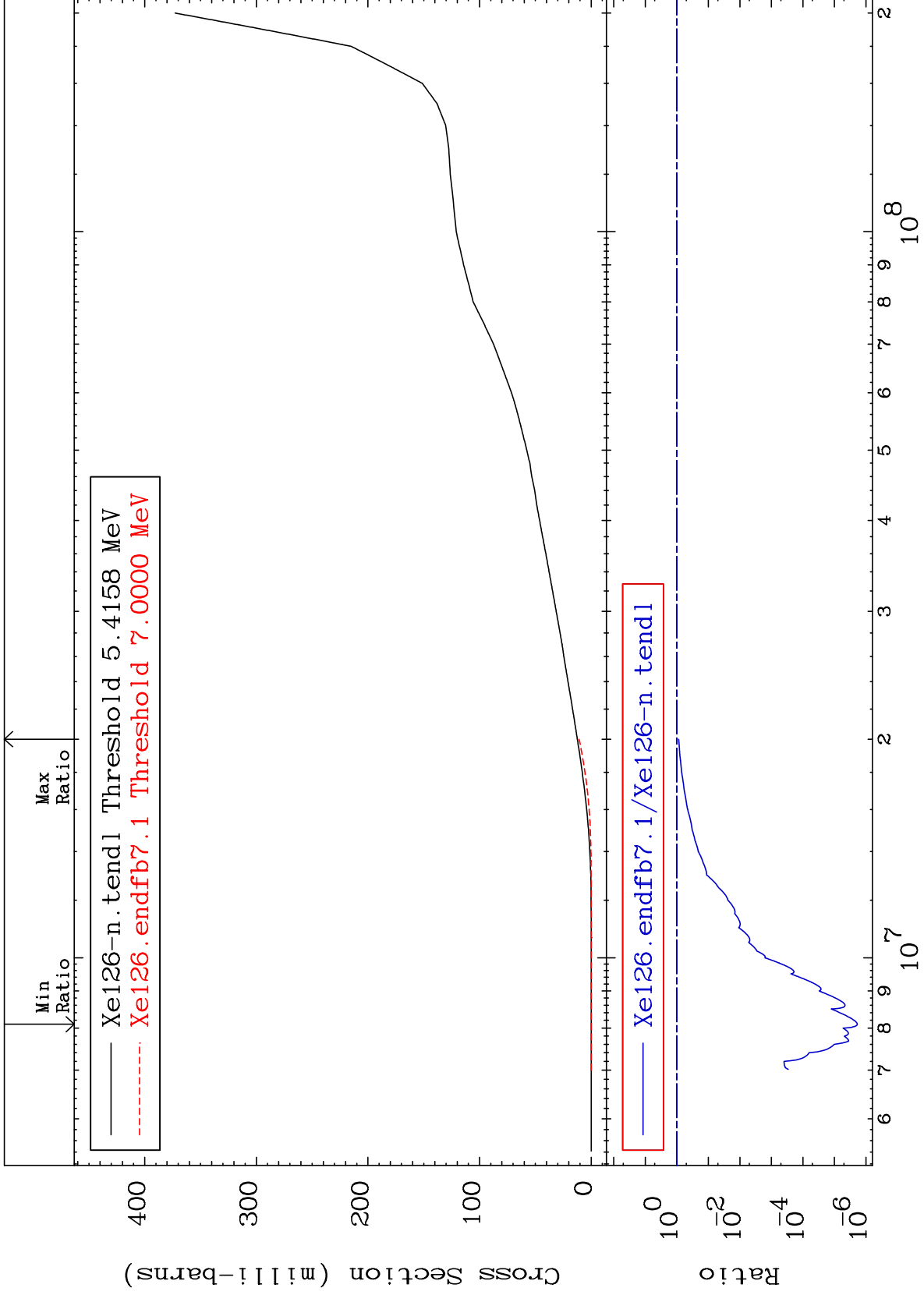
Incident Energy (eV)

54-Xe-126

MAT 5431

Deuterium Production
Cross Section

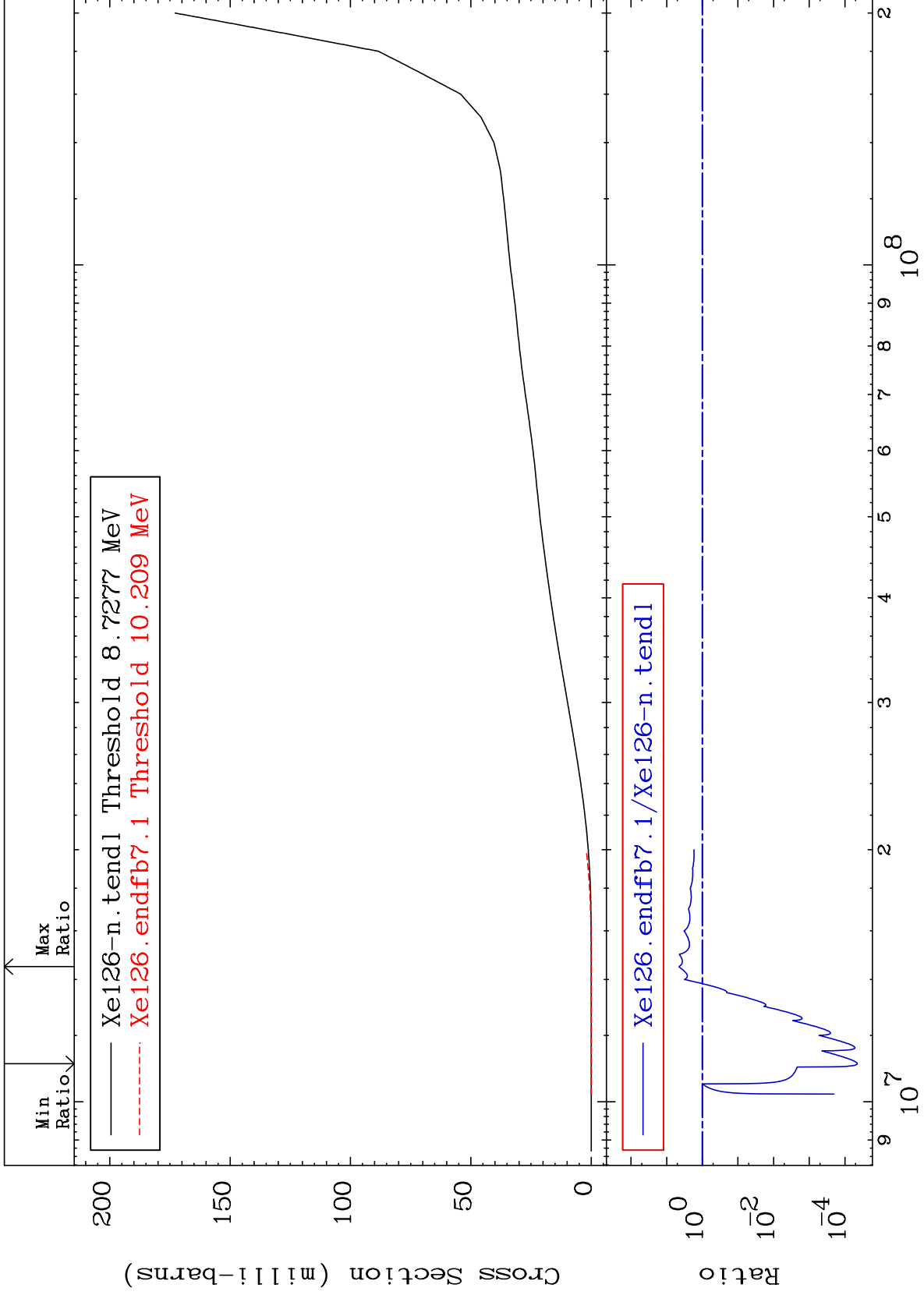
54-Xe-126
-100.0 To -12.56%



MAT 5431

Tritium Production
Cross Section

54-Xe-126
-100.0 To 360.8 %



32

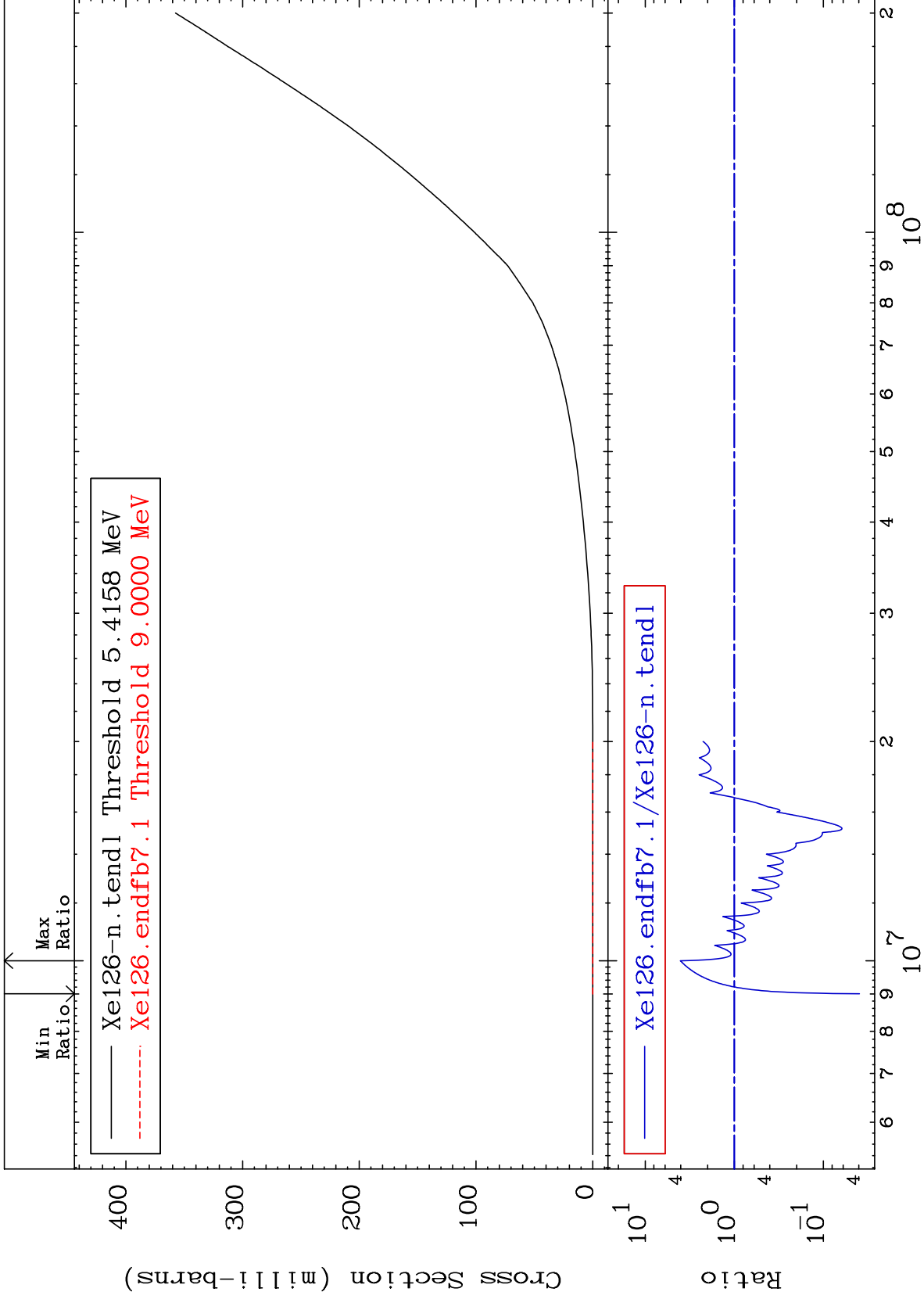
Incident Energy (eV)

54-Xe-126

MAT 5431

He-3 Production
Cross Section

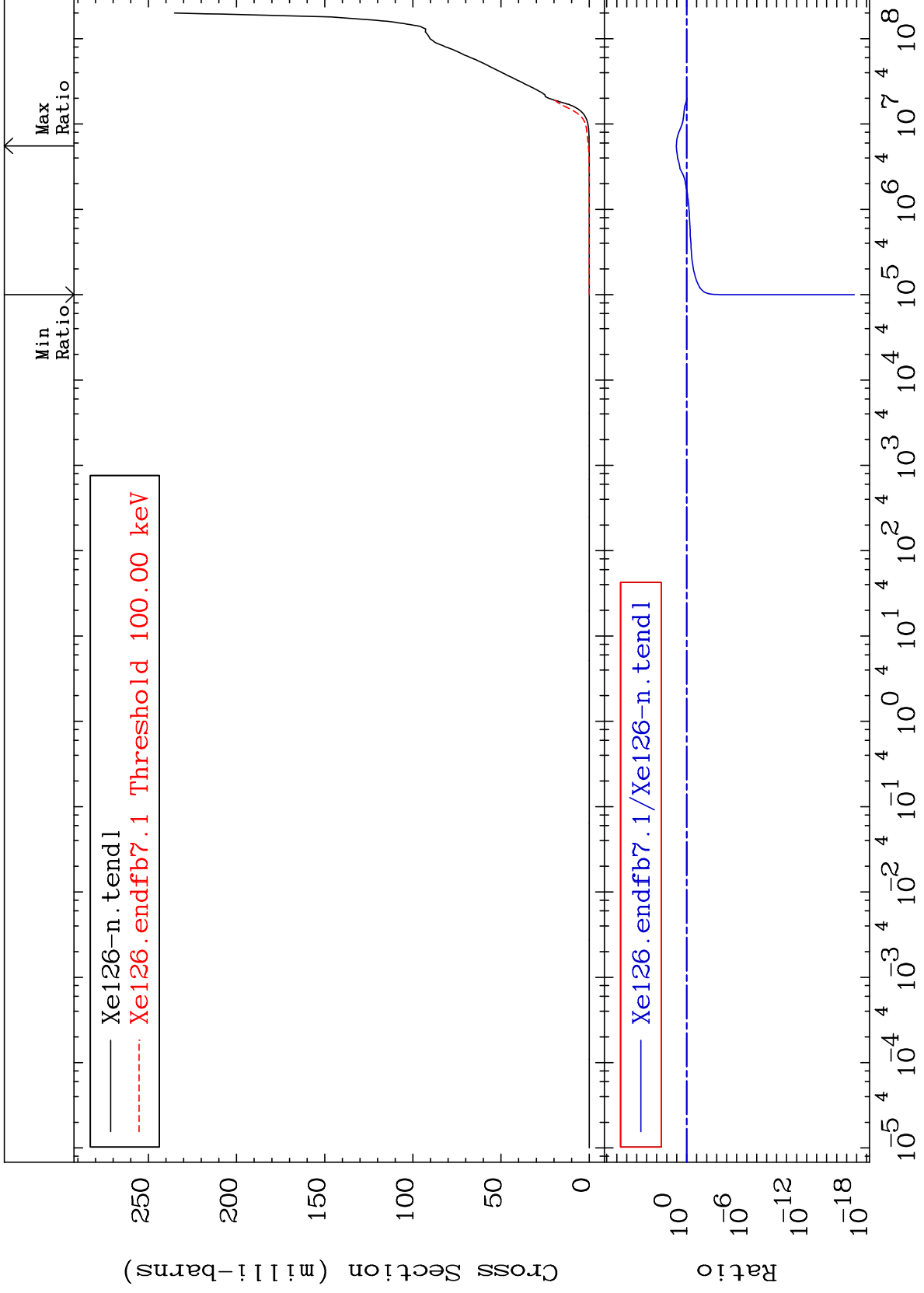
54-Xe-126
-96.06 To 303.6 %



MAT 5431

He-4 Production
Cross Section

54-Xe-126
-100.0 To 984.7 %



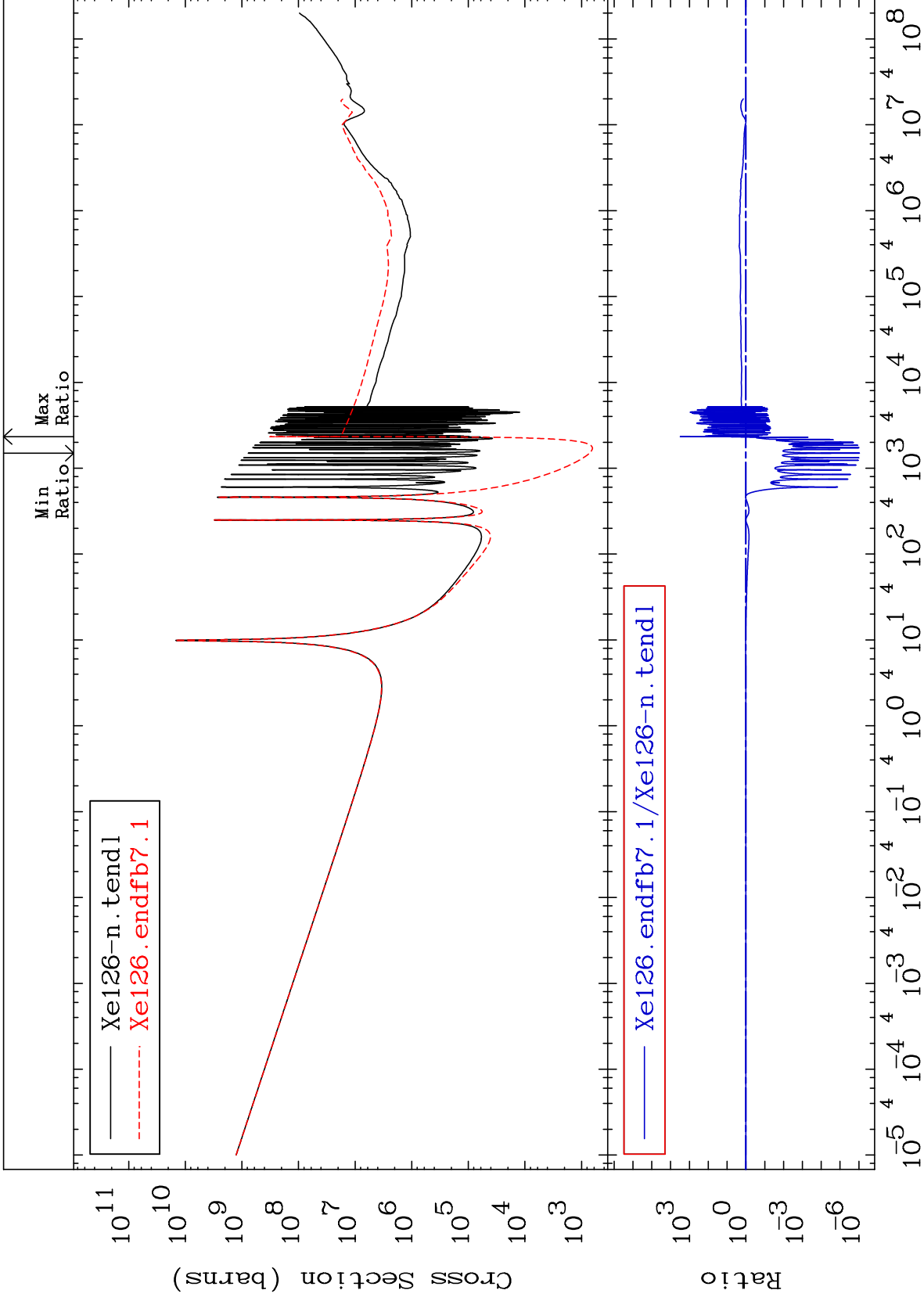
MAT 5431

Kerma total (eV-barns)

54-Xe-126

Cross Section

-100.0 To 9999. %



35

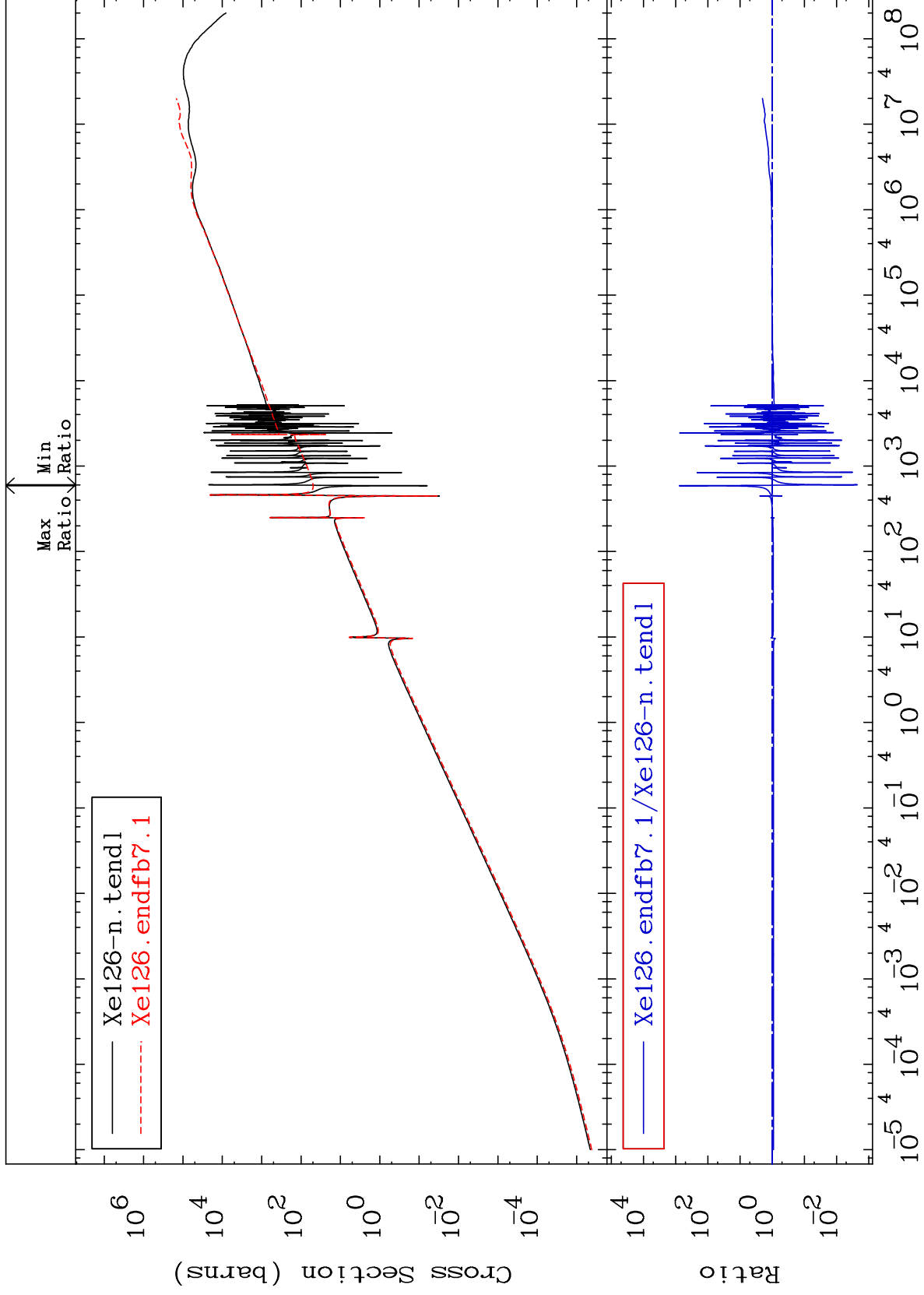
Incident Energy (eV)

54-Xe-126

MAT 5431

Kerma elastic
Cross Section

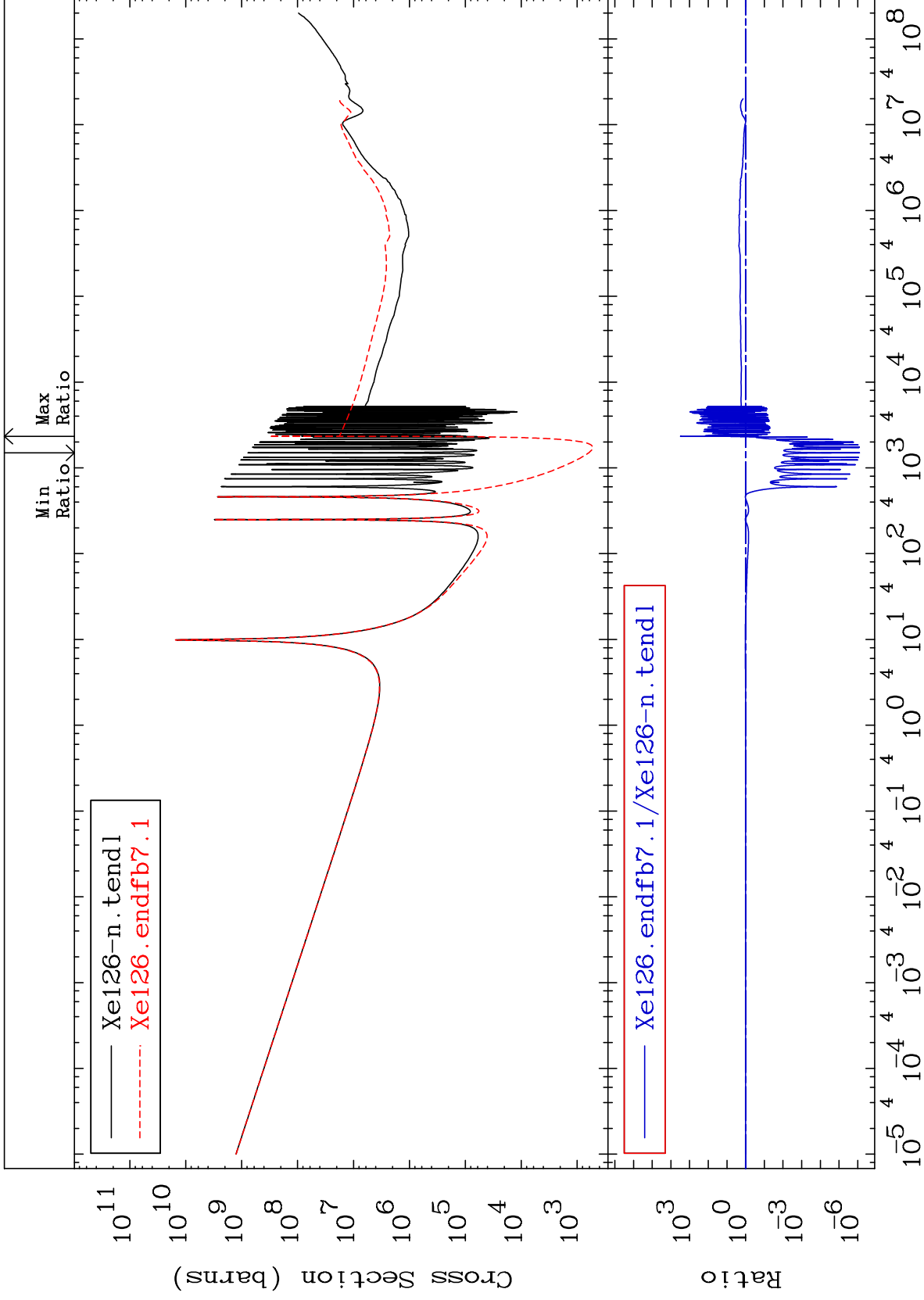
54-Xe-126
-99.77 To 9999. %

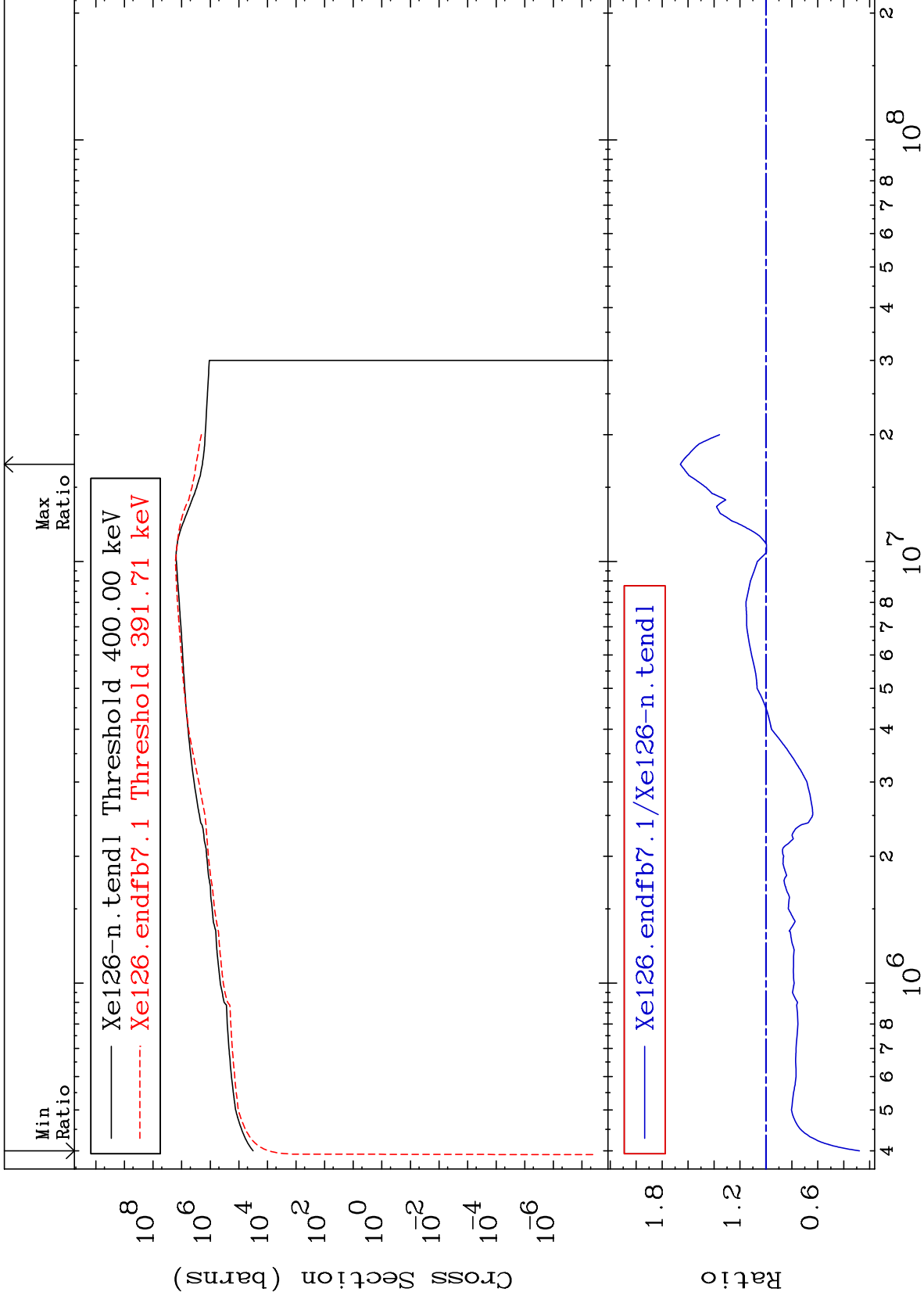


MAT 5431

Kerma non-elastic (all but mt2)
Cross Section

54-Xe-126
-100.0 To 9999. %

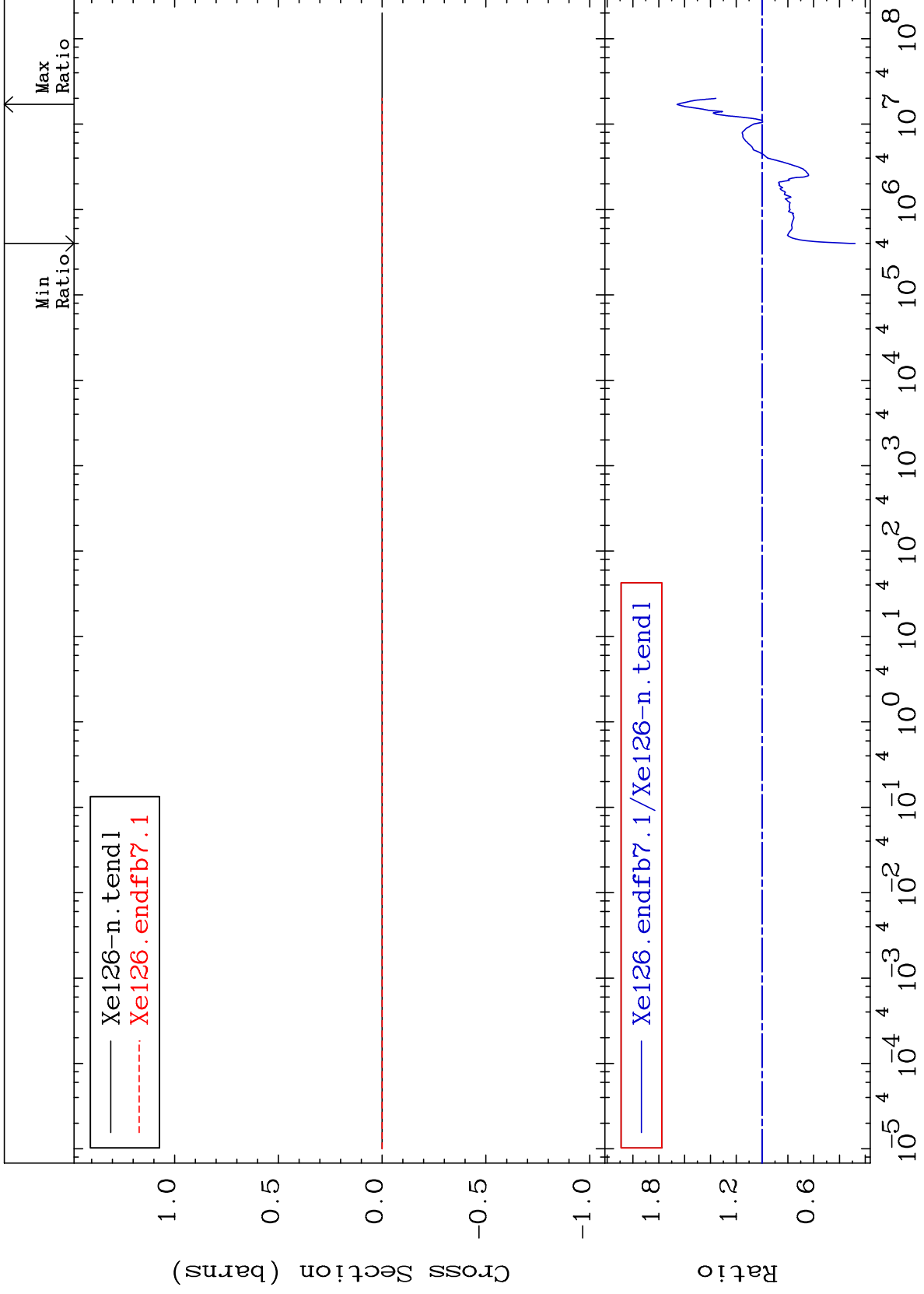




MAT 5431

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

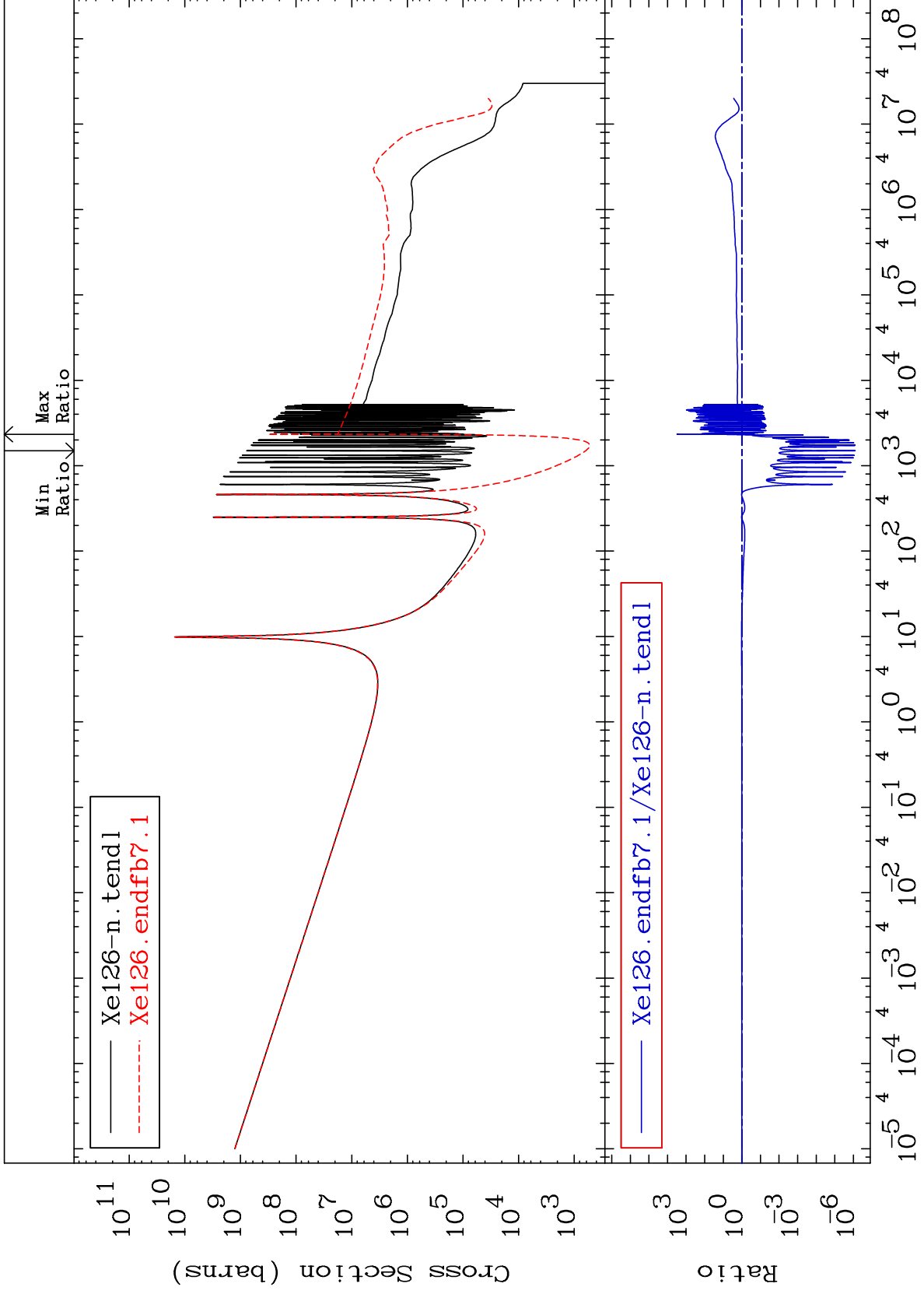
54-Xe-126
-72.06 To 65.94 %



MAT 5431

Kerma capture (mt102)
Cross Section

54-Xe-126
-100.0 To 9999. %



40

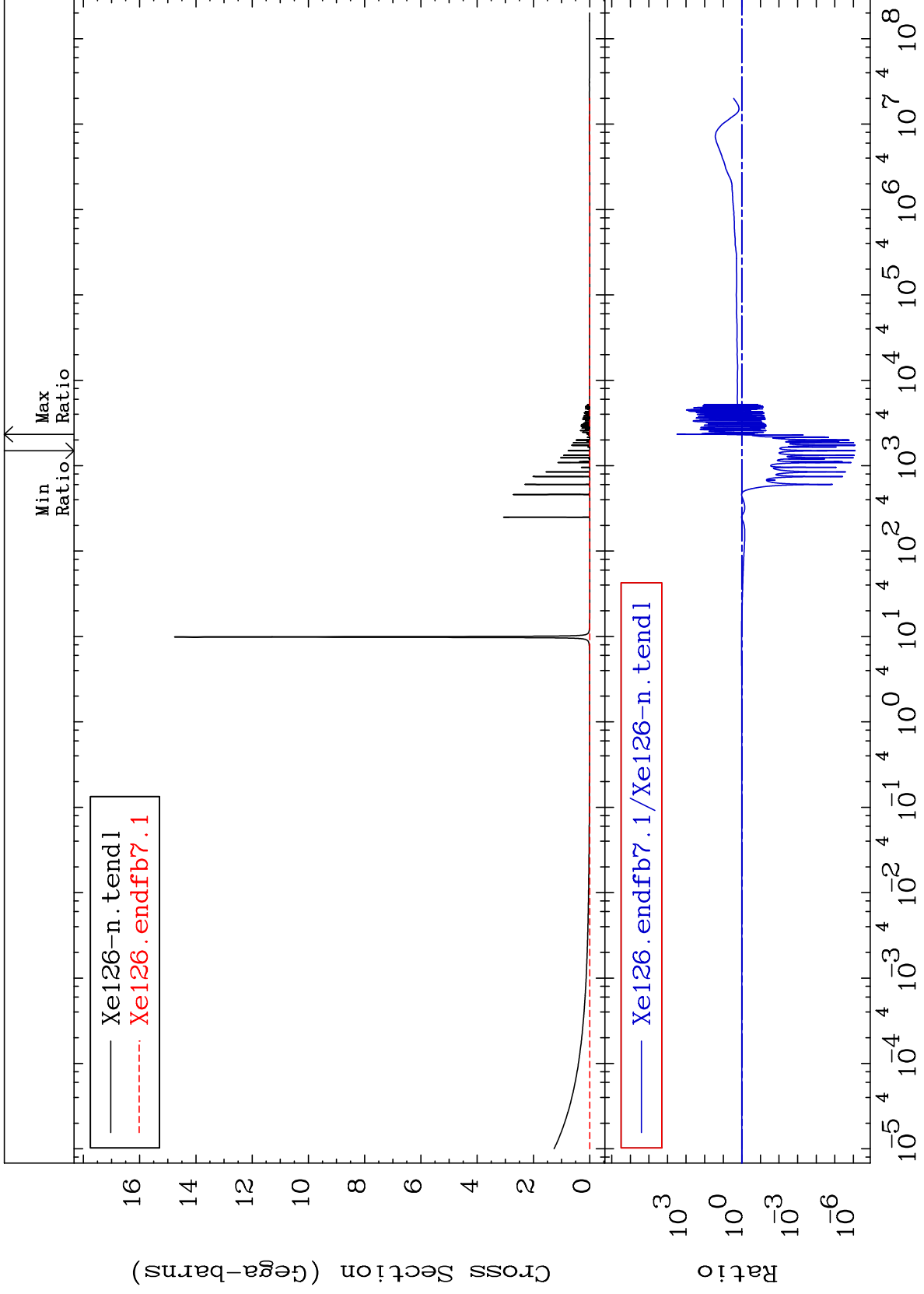
Incident Energy (eV)

54-Xe-126

MAT 5431

Total photon (eV-barns)
Cross Section

54-Xe-126
-100.0 To 9999. %



41

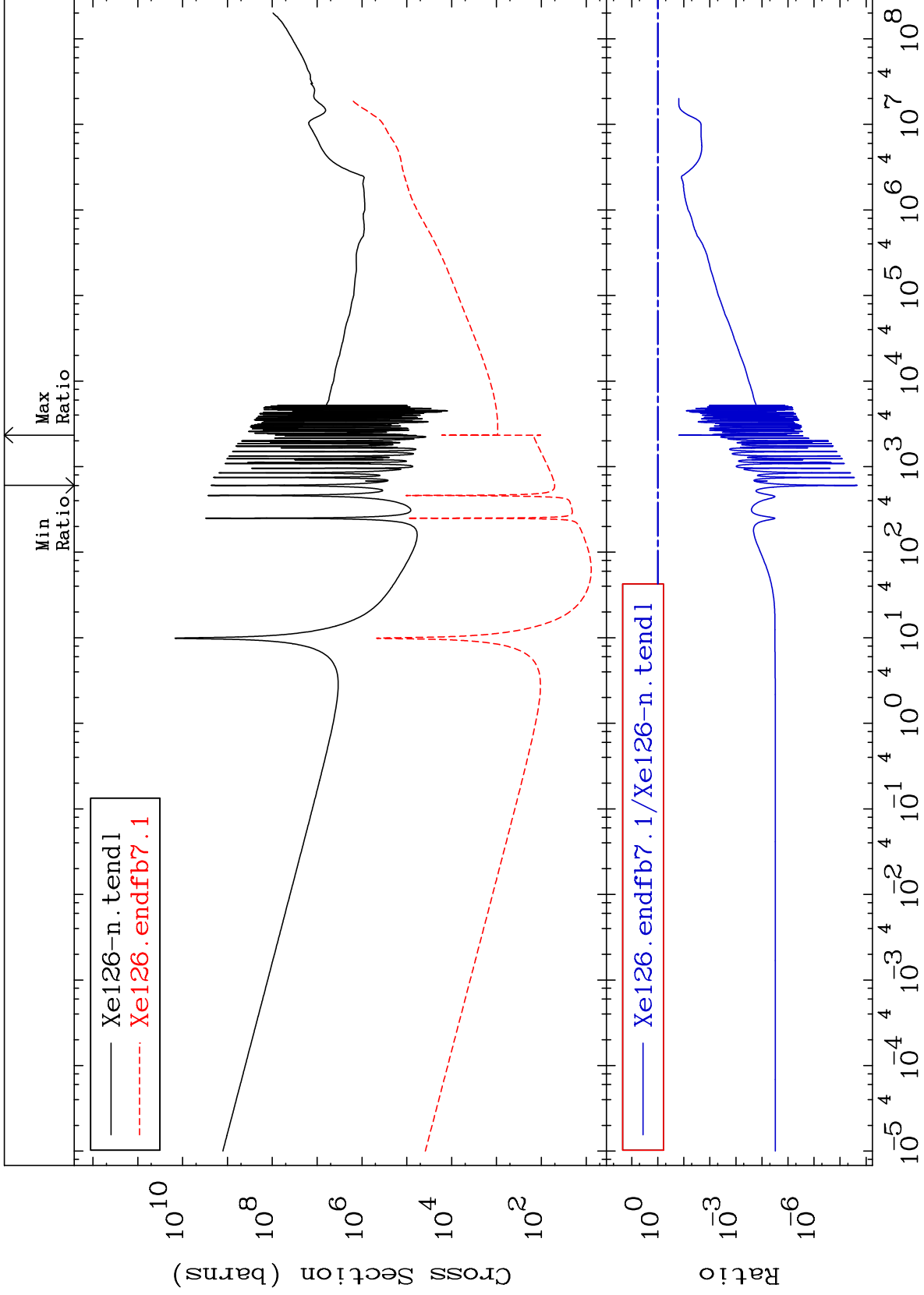
Incident Energy (eV)

54-Xe-126

MAT 5431

Total kinematic kerma (high limit)
Cross Section

54-Xe-126
-100.0 To -84.17%



42

Incident Energy (eV)

54-Xe-126

MAT 5431

Dpa total (eV-barns)

54-Xe-126

Cross Section

-99.99 To 9999. %

