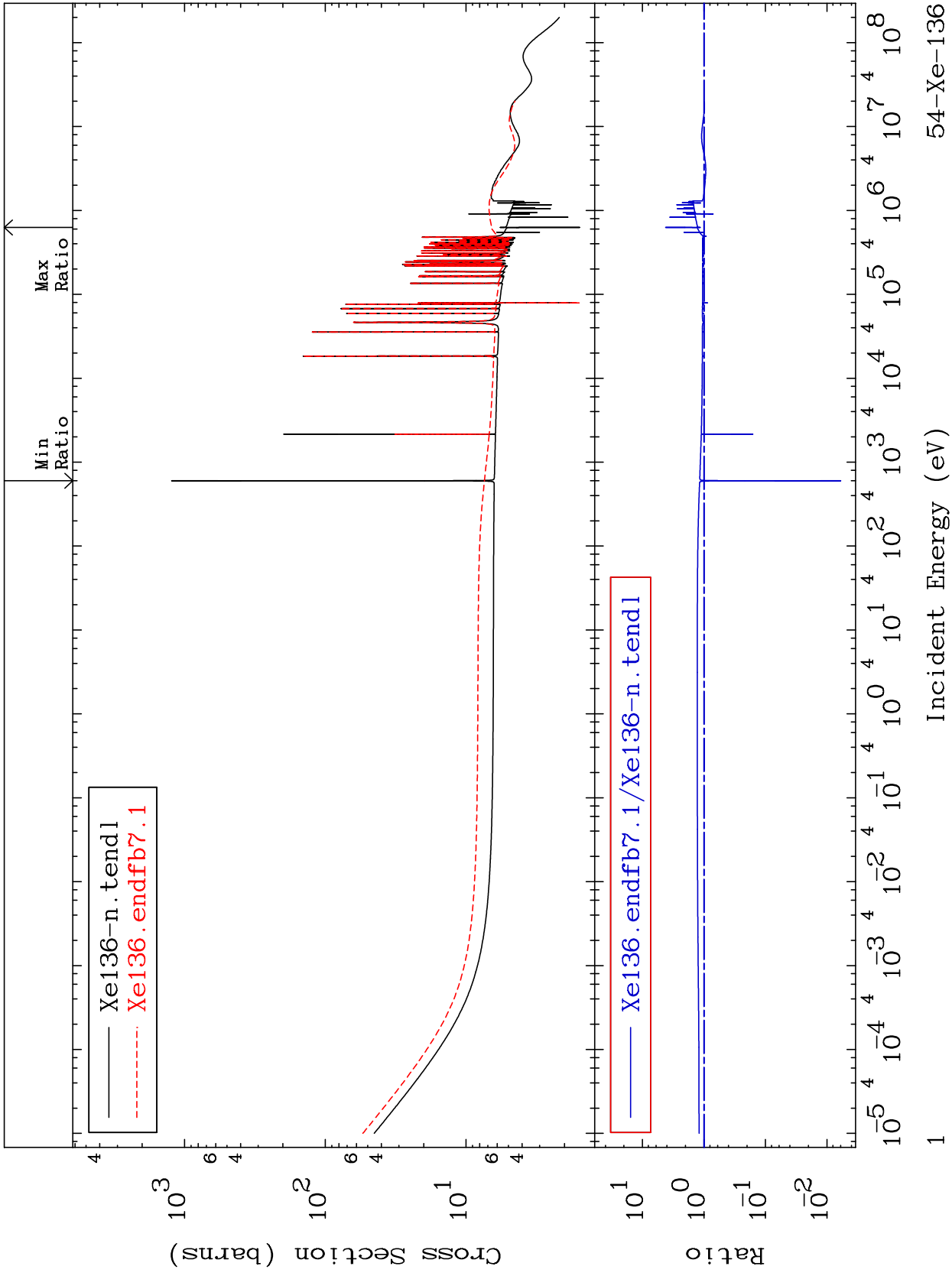


MAT 5461

Total
Cross Section

54-Xe-136
-99.40 To 322.1 %



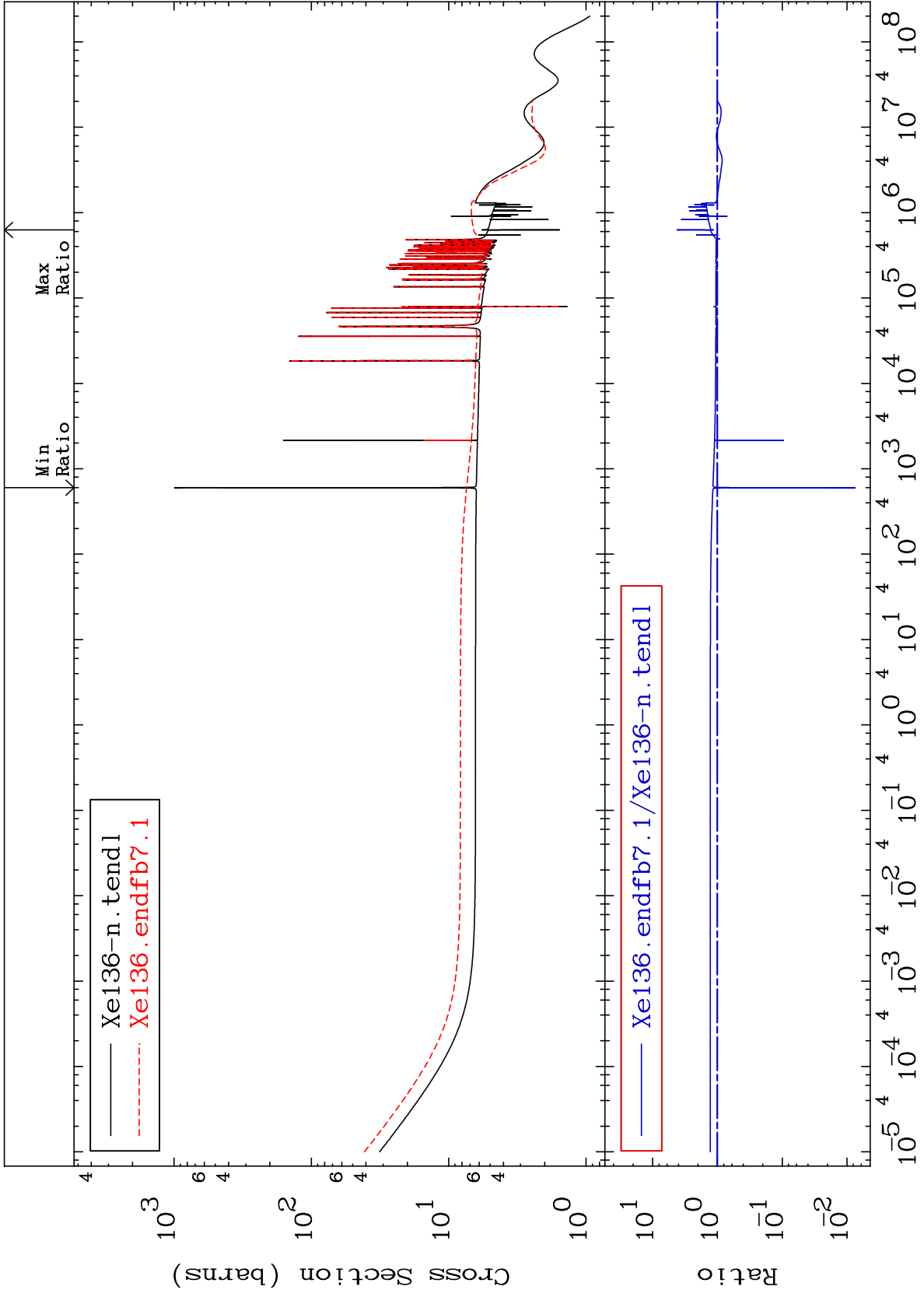
Incident Energy (eV)

54-Xe-136

MAT 5461

Elastic
Cross Section

54-Xe-136
-99.25 To 322.2 %



Incident Energy (eV)

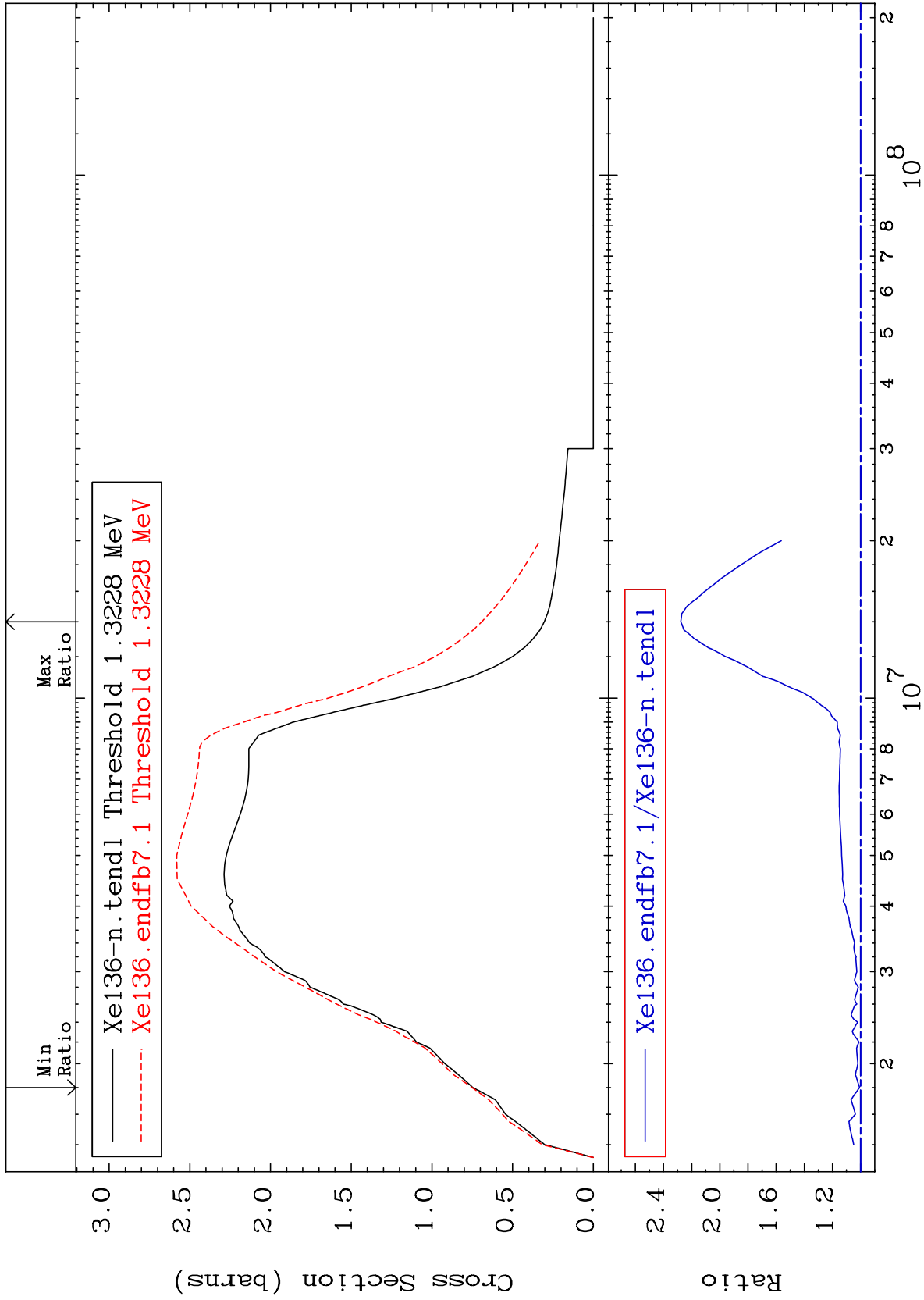
2

54-Xe-136

MAT 5461

Inelastic
Cross Section

54-Xe-136
0.736 To 127.7 %



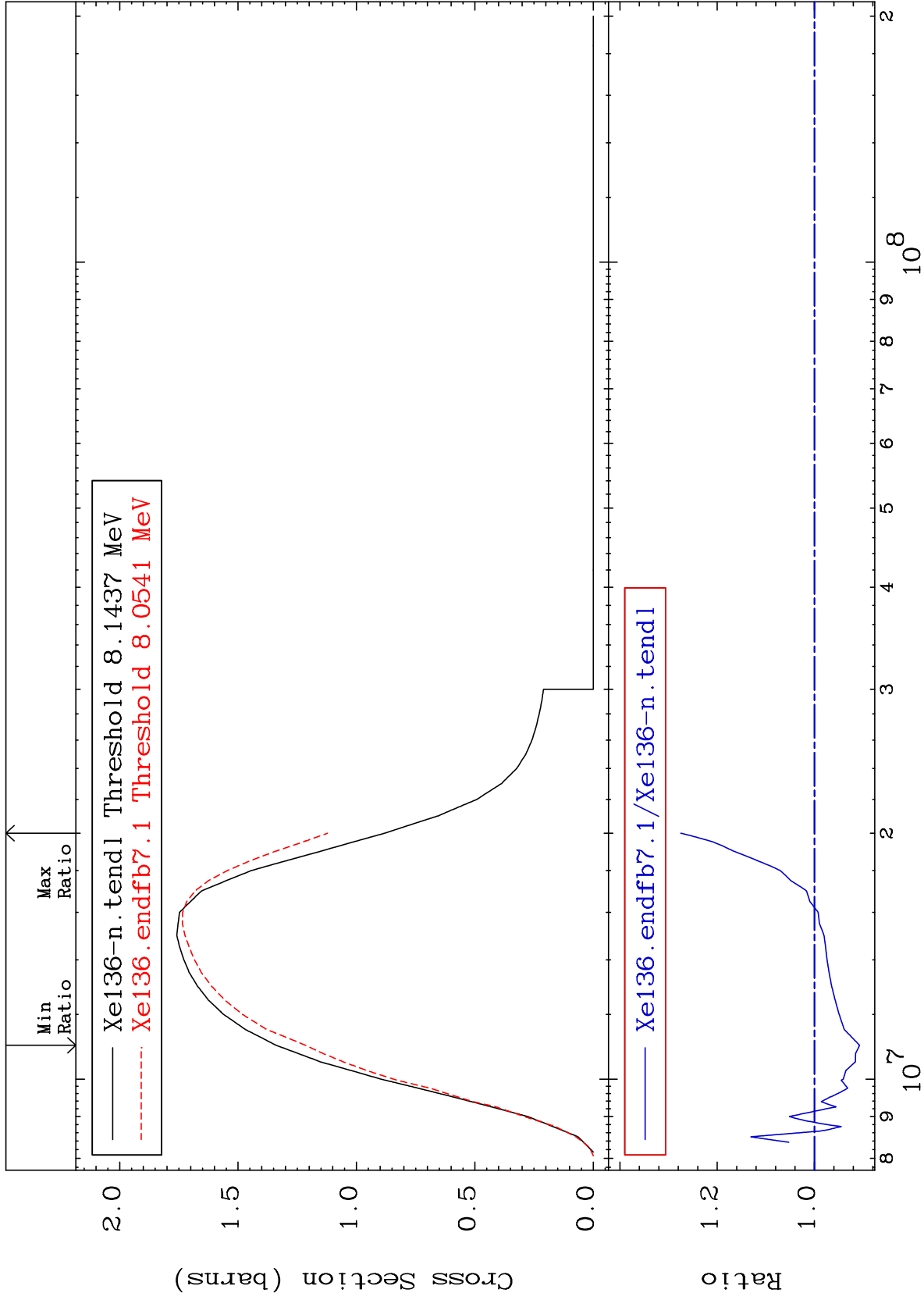
MAT 5461

(n,2n)

54-Xe-136

Cross Section

-9.272 To 27.49 %



4

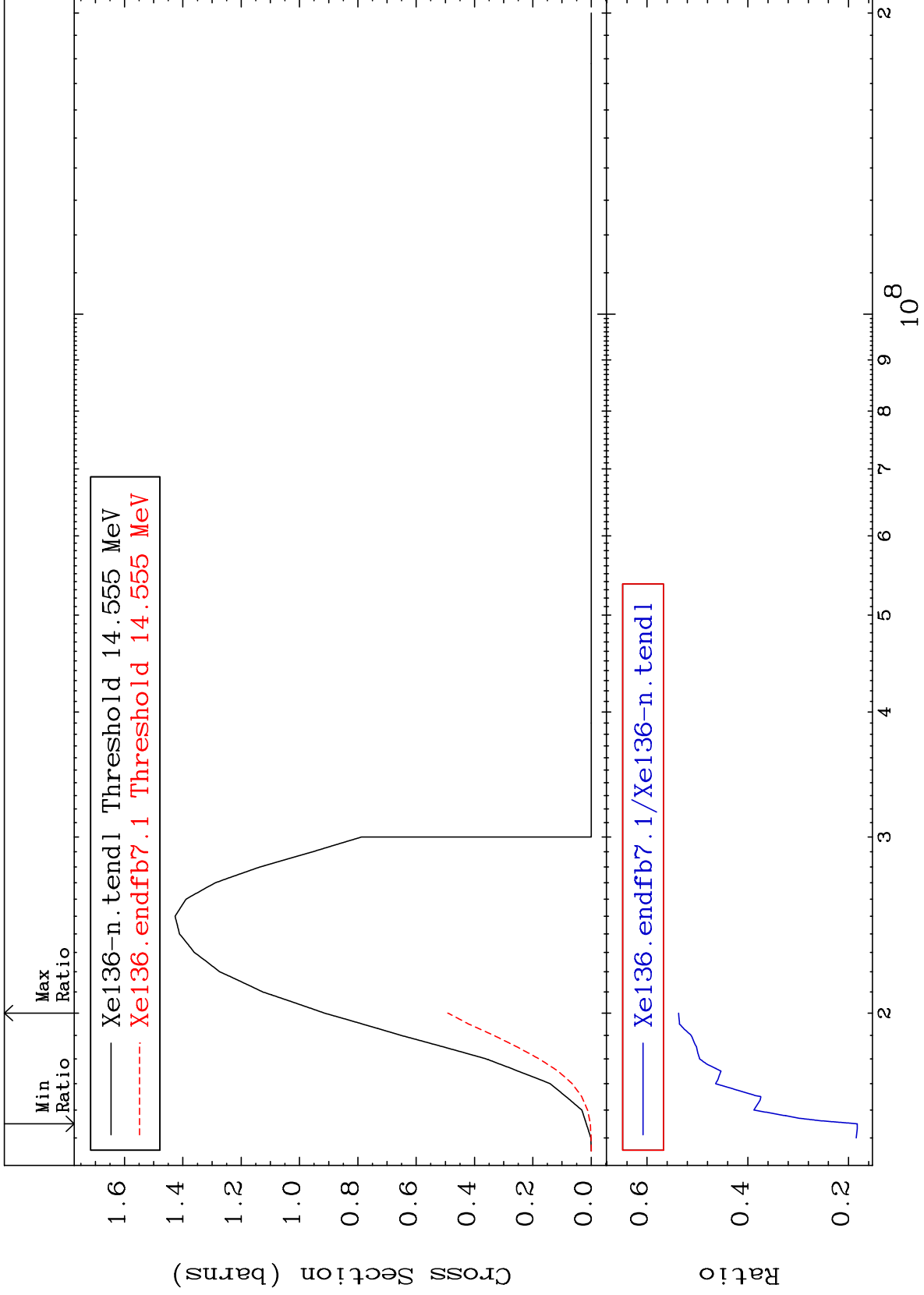
Incident Energy (eV)

54-Xe-136

MAT 5461

(n,3n)
Cross Section

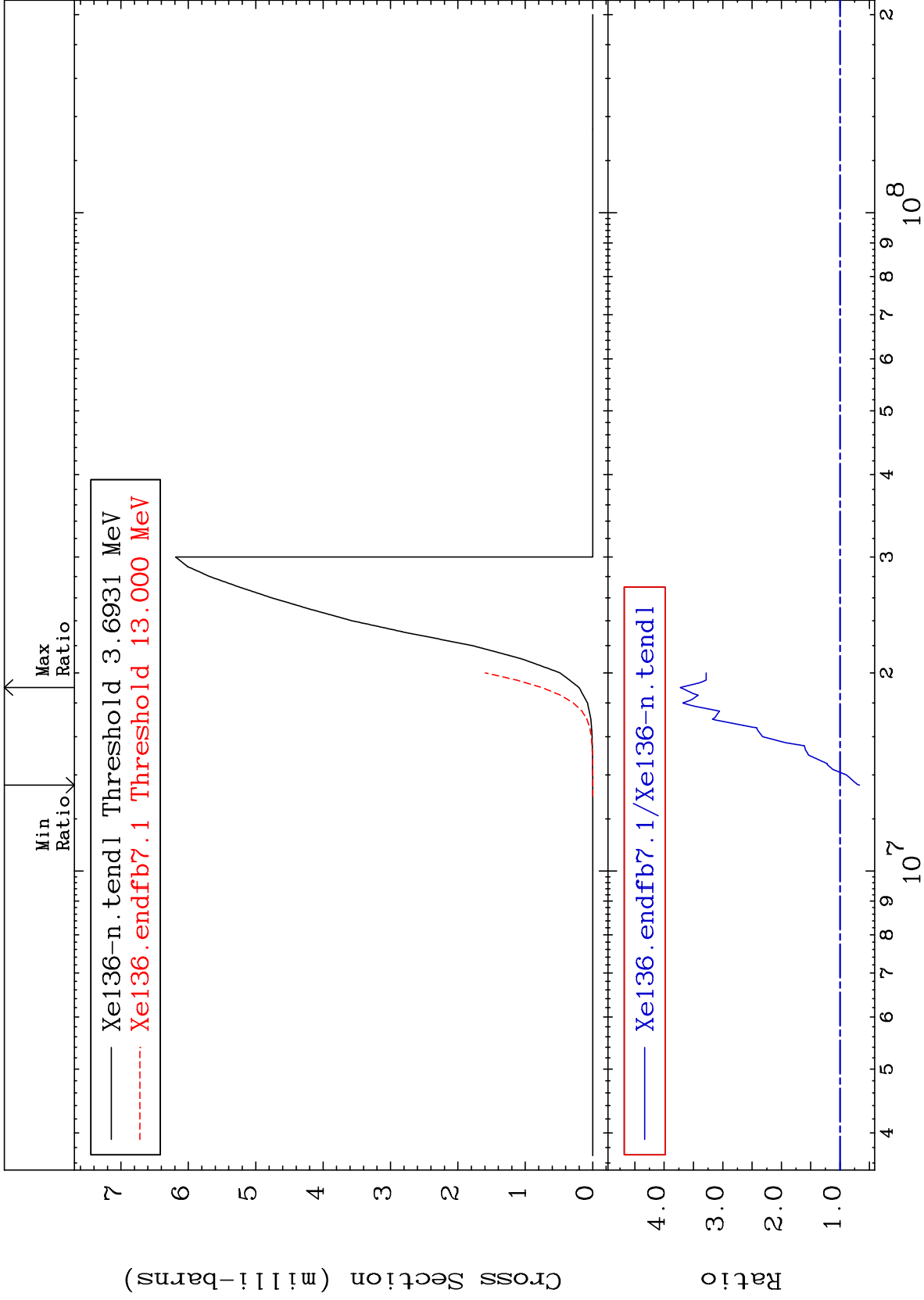
54-Xe-136
-81.72 To -46.27%



MAT 5461

(n,n') α
Cross Section

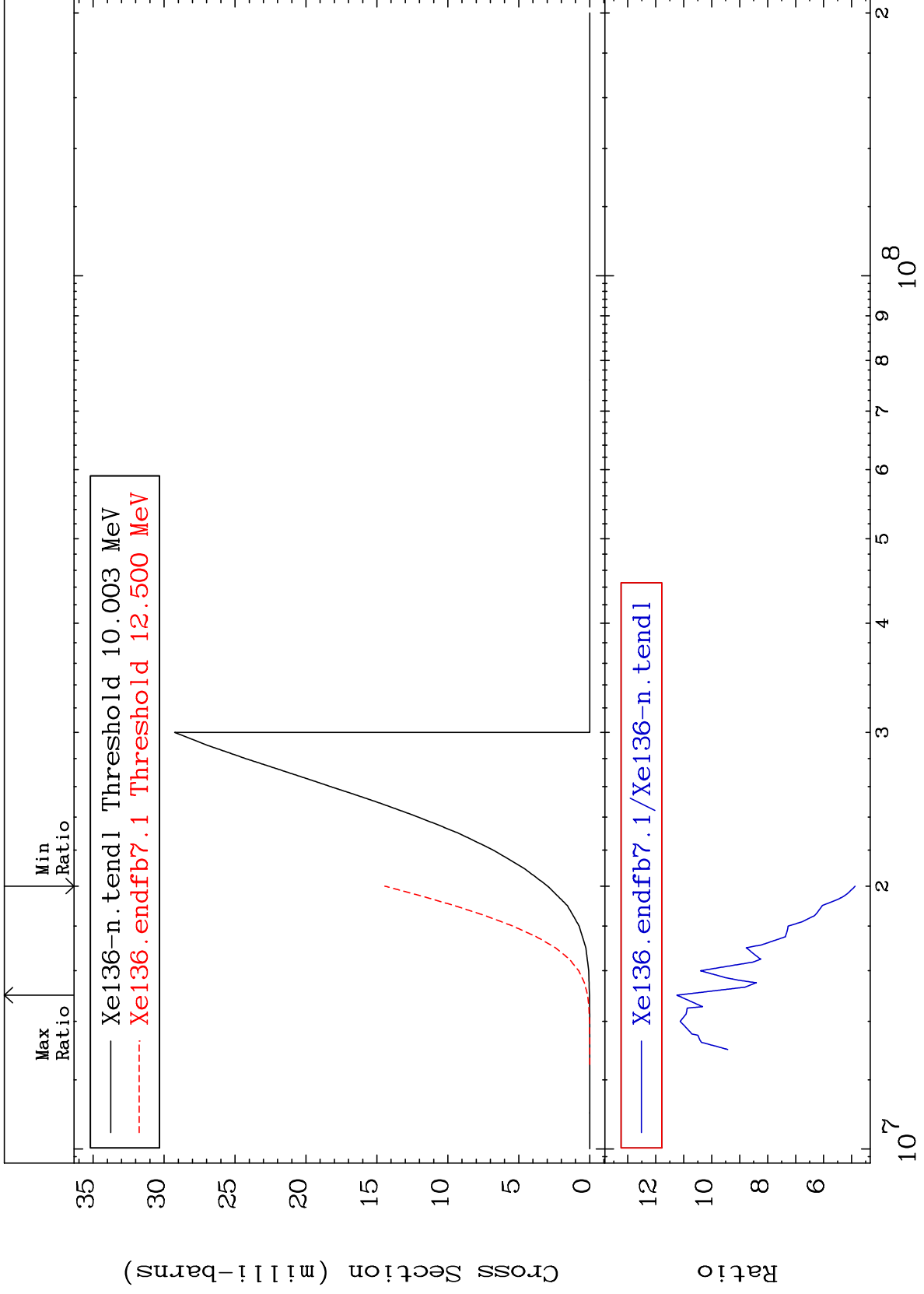
54-Xe-136
-33.06 To 272.3 %



MAT 5461

(n,n') p
Cross Section

54-Xe-136
387.5 To 1024. %



54-Xe-136

54-Xe-136

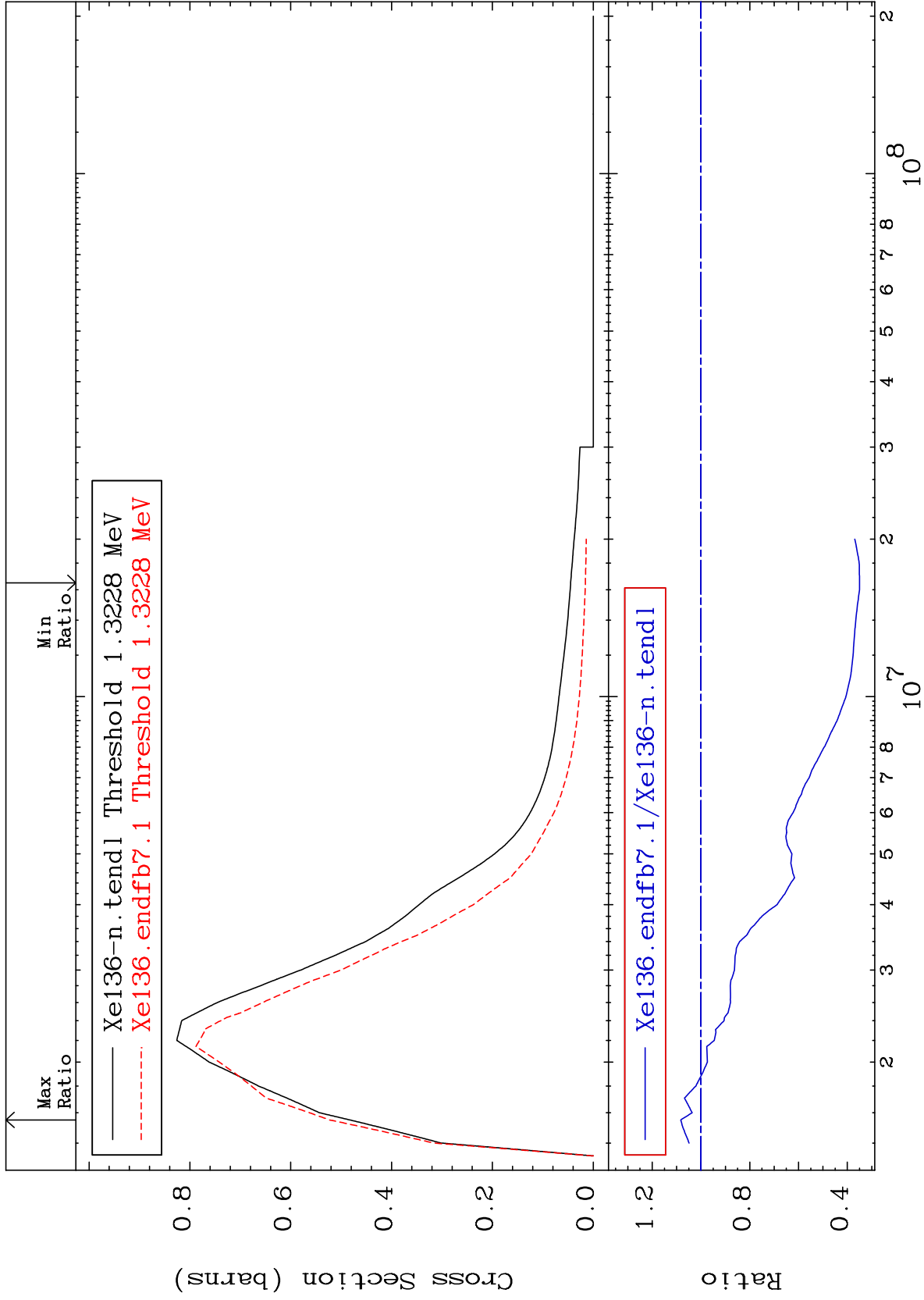
MAT 5461

1.313 MeV (n,n') Level

54-Xe-136

-65.01 To 8.290 %

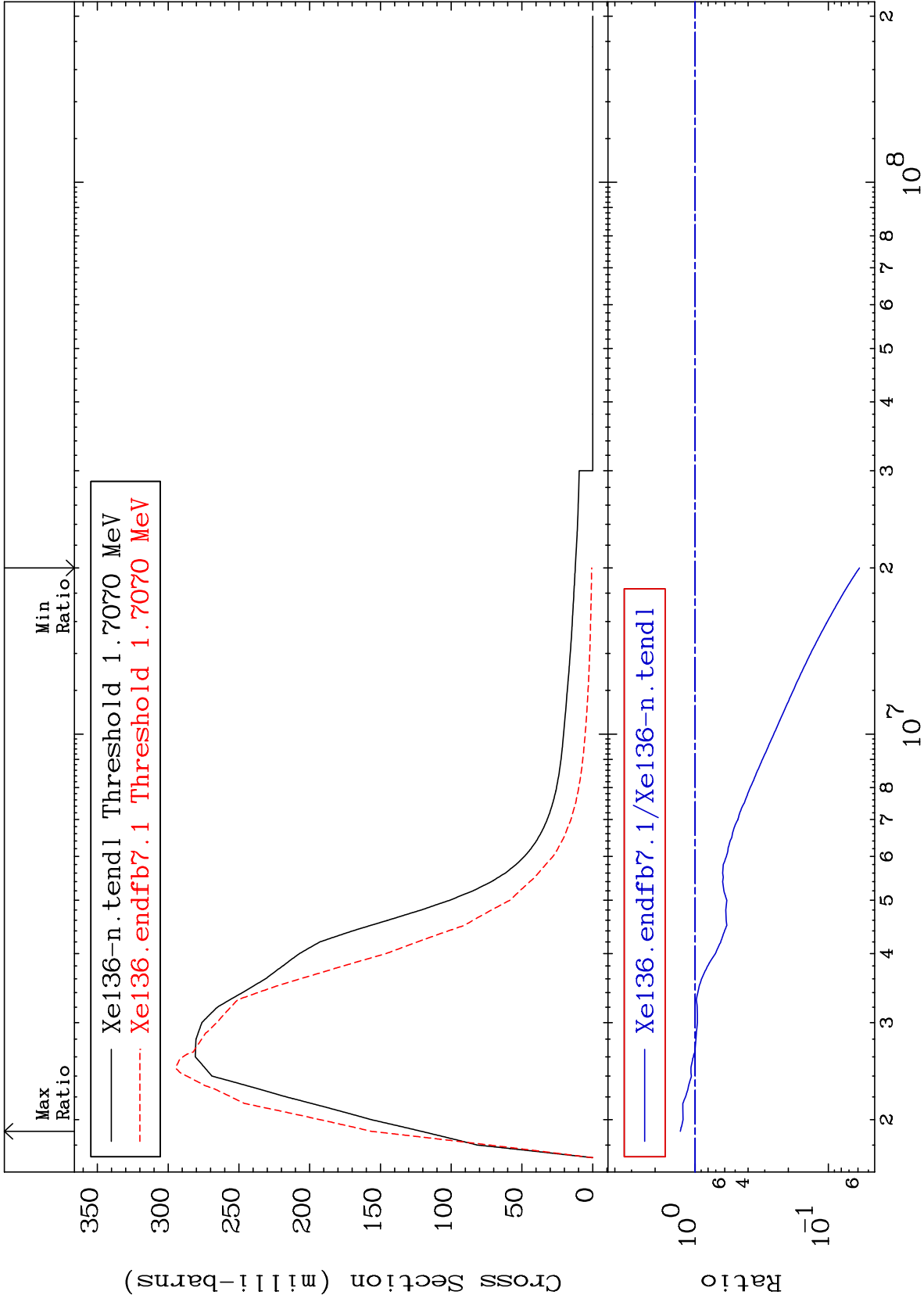
Cross Section



MAT 5461

1.694 MeV (n,n') Level
Cross Section

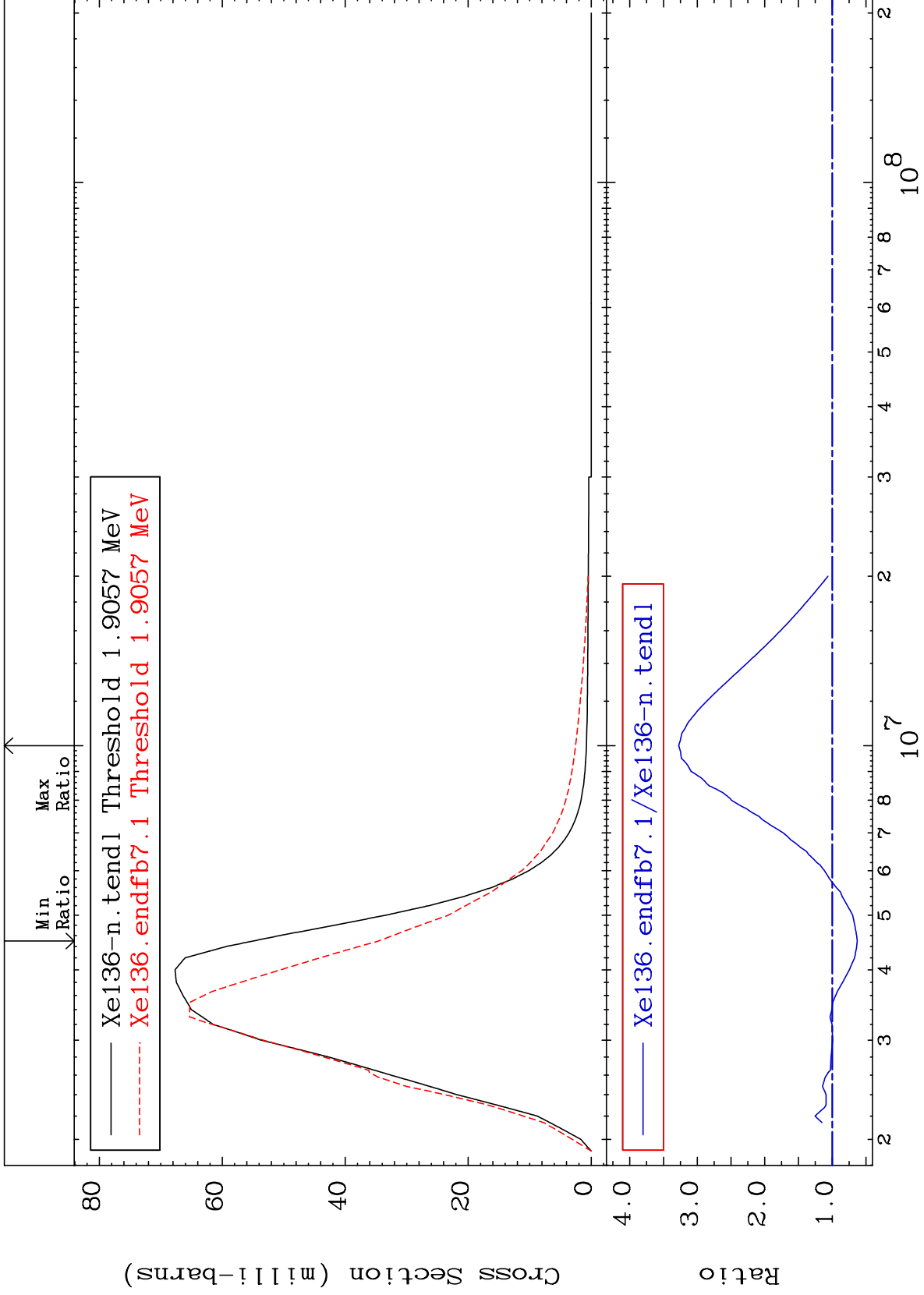
54-Xe-136
-94.16 To 29.12 %



MAT 5461

1.892 MeV (n,n') Level
Cross Section

54-Xe-136
-37.12 To 227.6 %



10

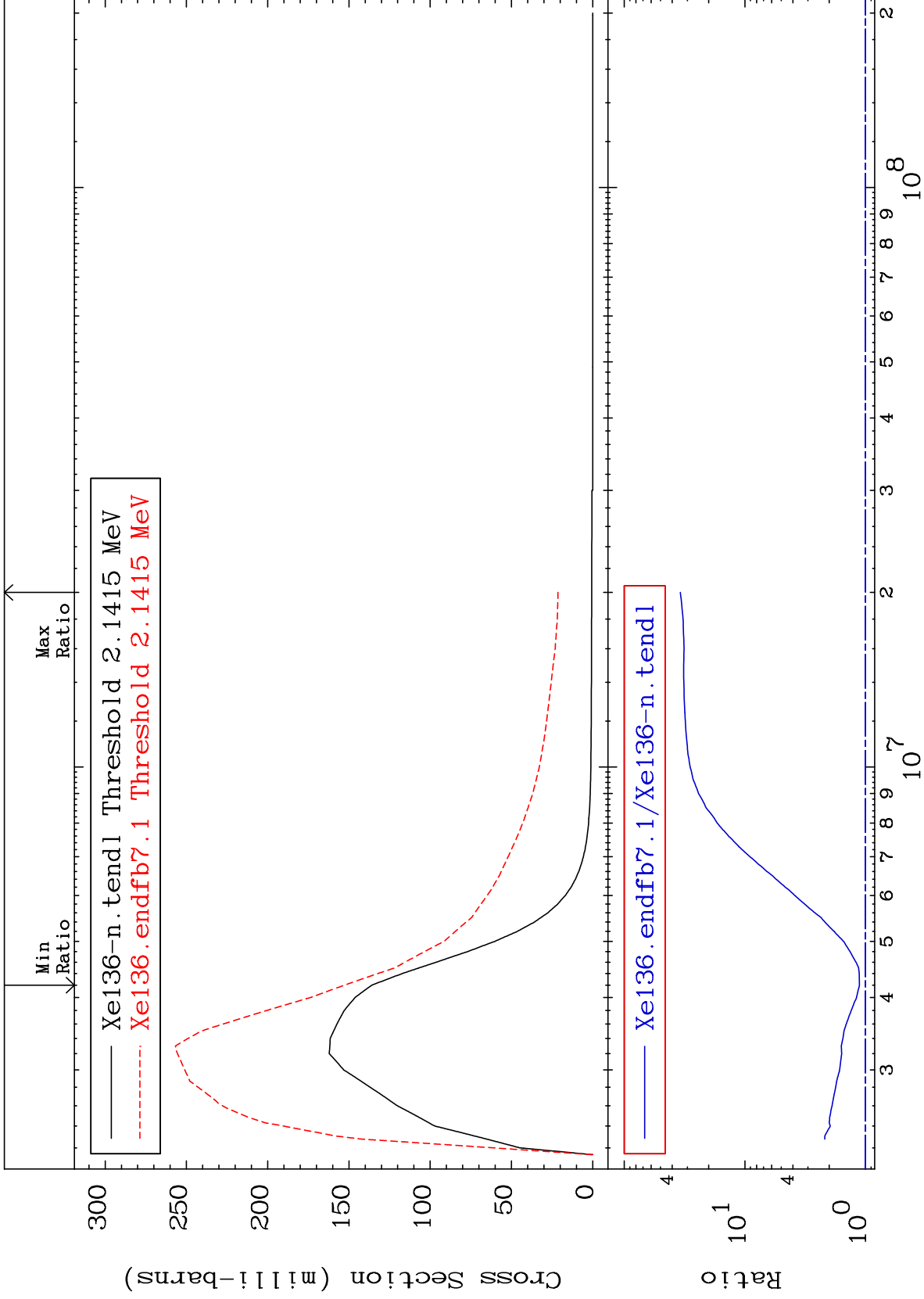
Incident Energy (eV)

54-Xe-136

MAT 5461

2.126 MeV (n,n') Level
Cross Section

54-Xe-136
12.41 To 3329. %



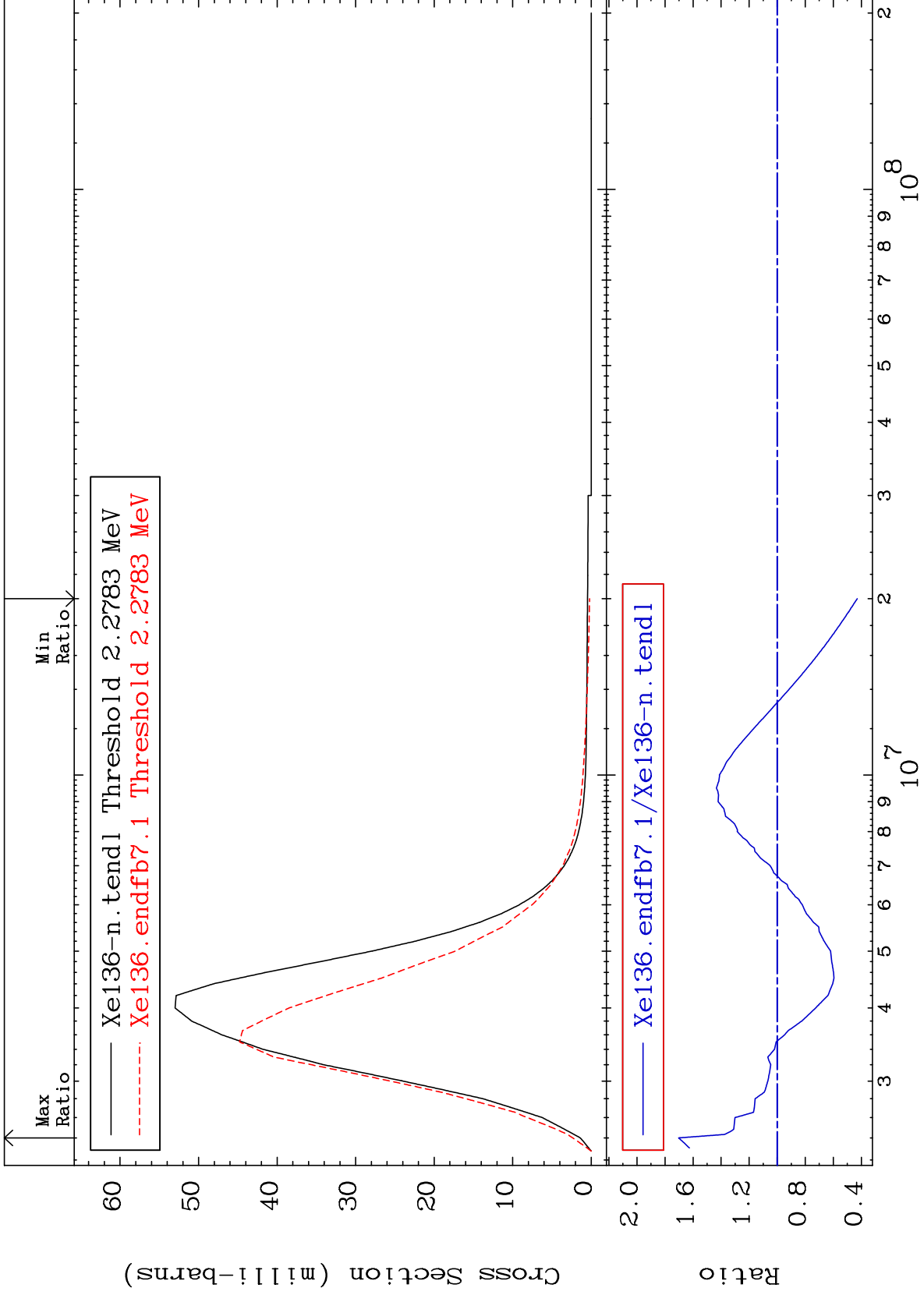
11

54-Xe-136

MAT 5461

2.262 MeV (n,n') Level
Cross Section

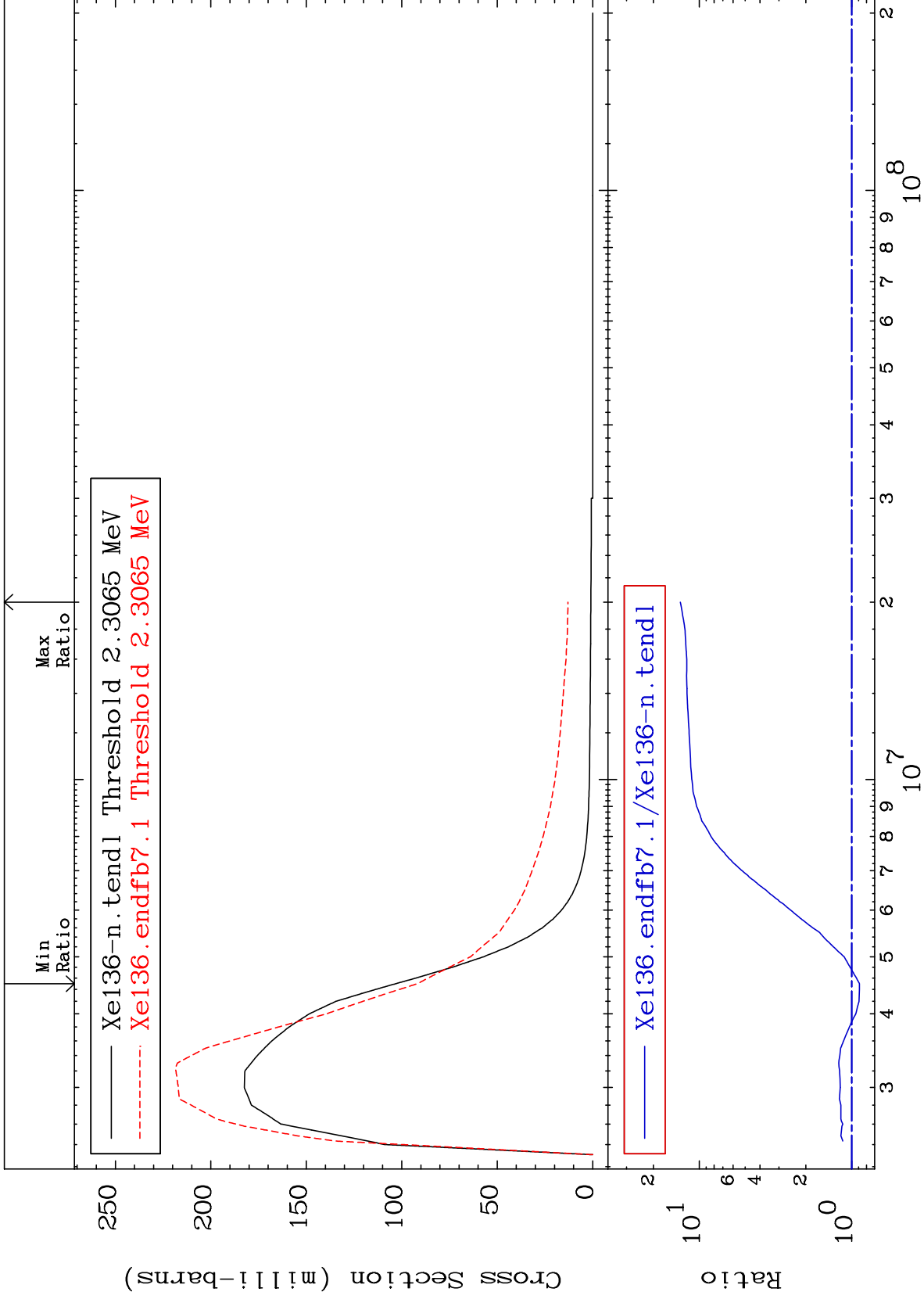
54-Xe-136
-57.08 To 70.28 %



MAT 5461

2.290 MeV (n,n') Level
Cross Section

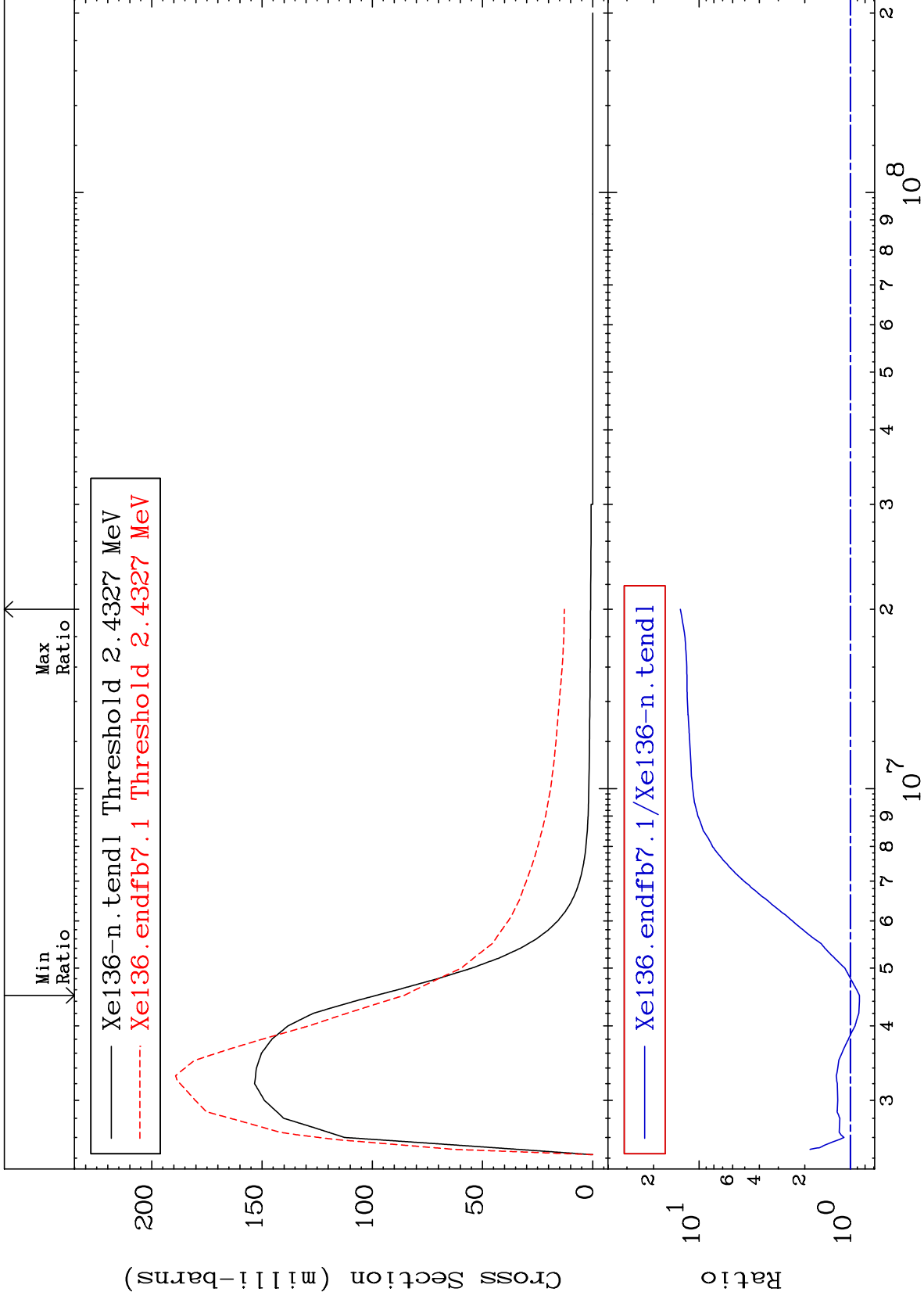
54-Xe-136
-11.08 To 1231. %



MAT 5461

2.415 MeV (n,n') Level
Cross Section

54-Xe-136
-12.91 To 1231. %



14

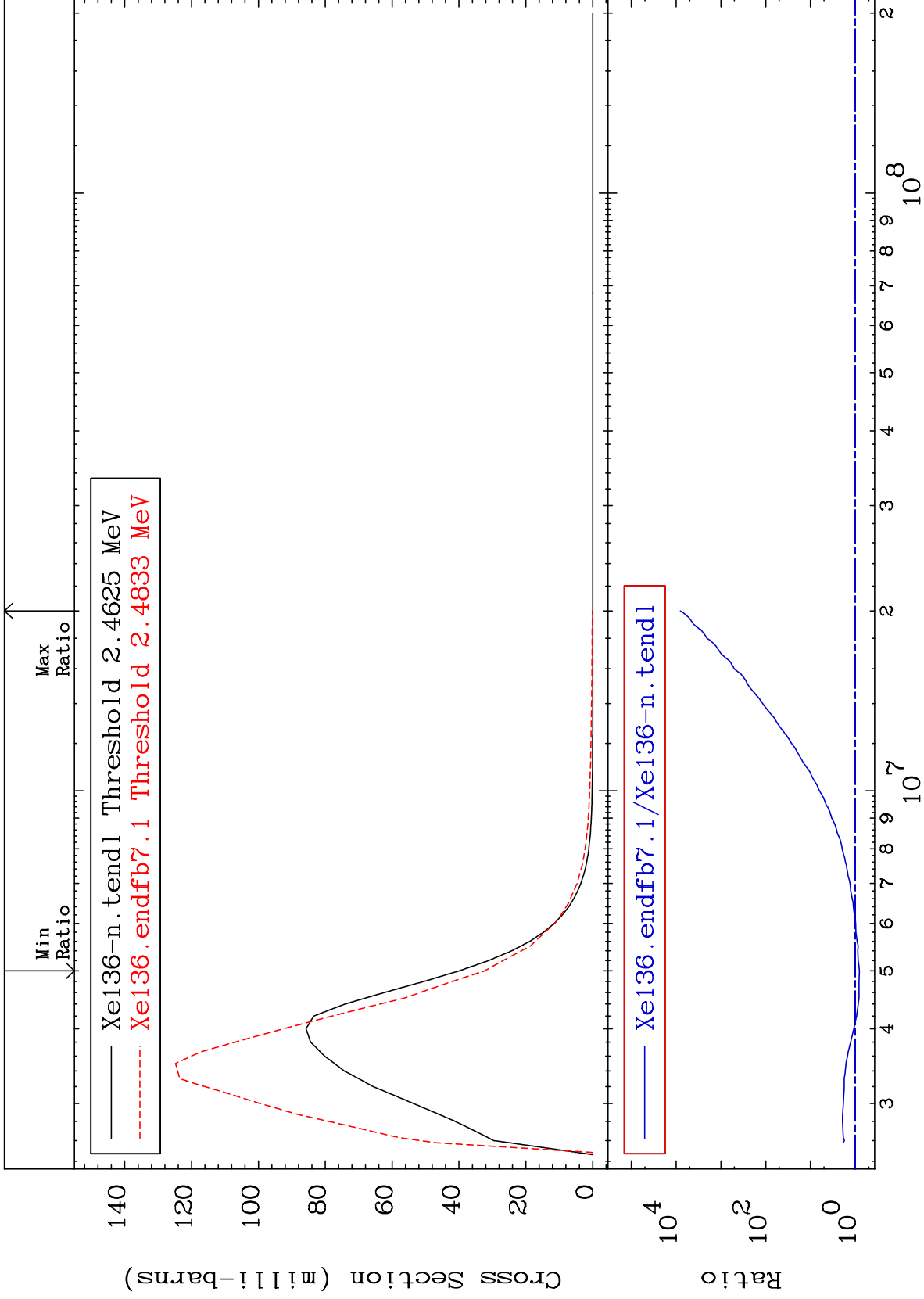
Incident Energy (eV)

54-Xe-136

MAT 5461

2.444 MeV (n,n') Level
Cross Section

54-Xe-136
-19.04 To 9999. %



15

Incident Energy (eV)

54-Xe-136

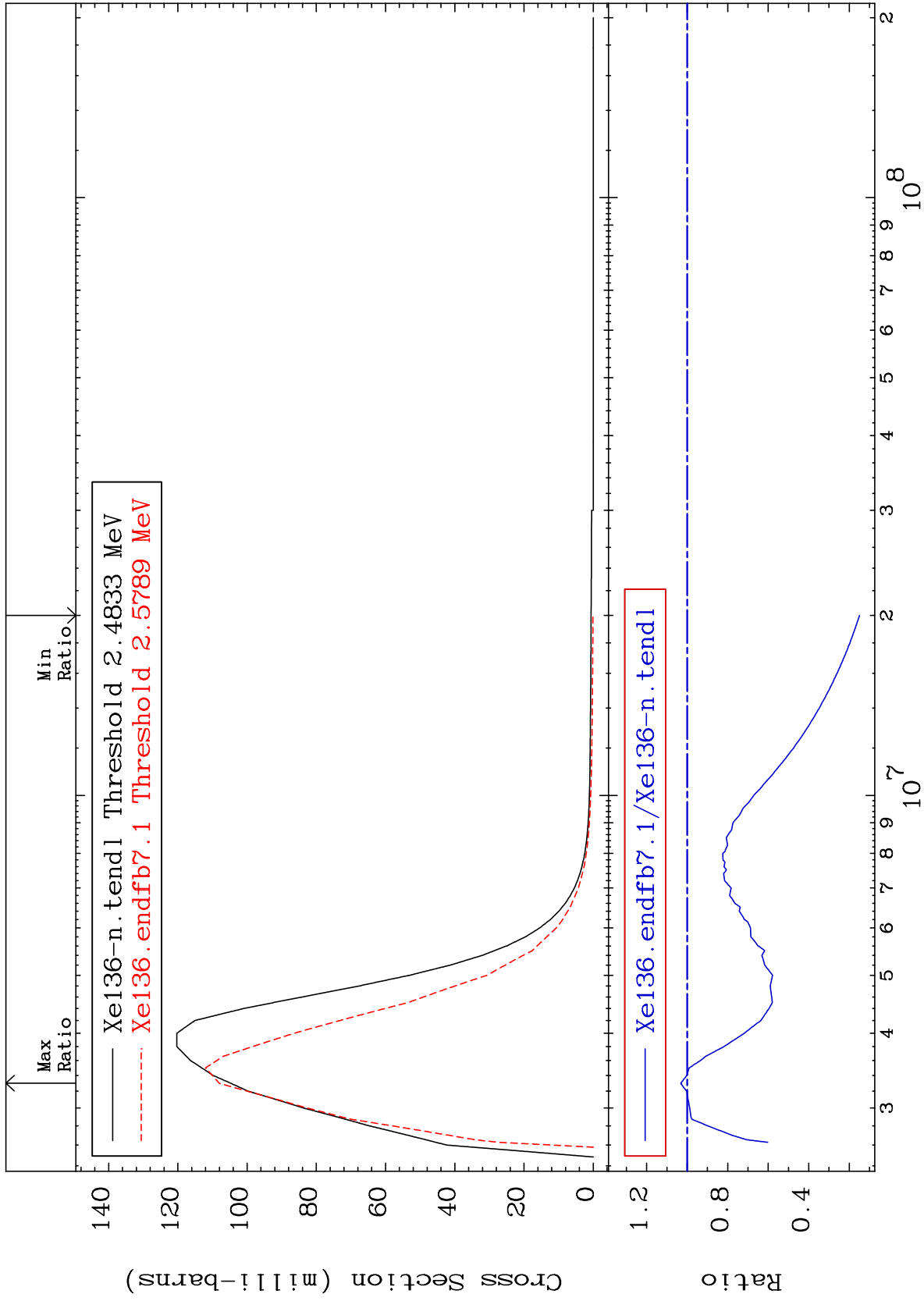
MAT 5461

2.465 MeV (n,n') Level

54-Xe-136

-85.08 To 3.161 %

Cross Section



16

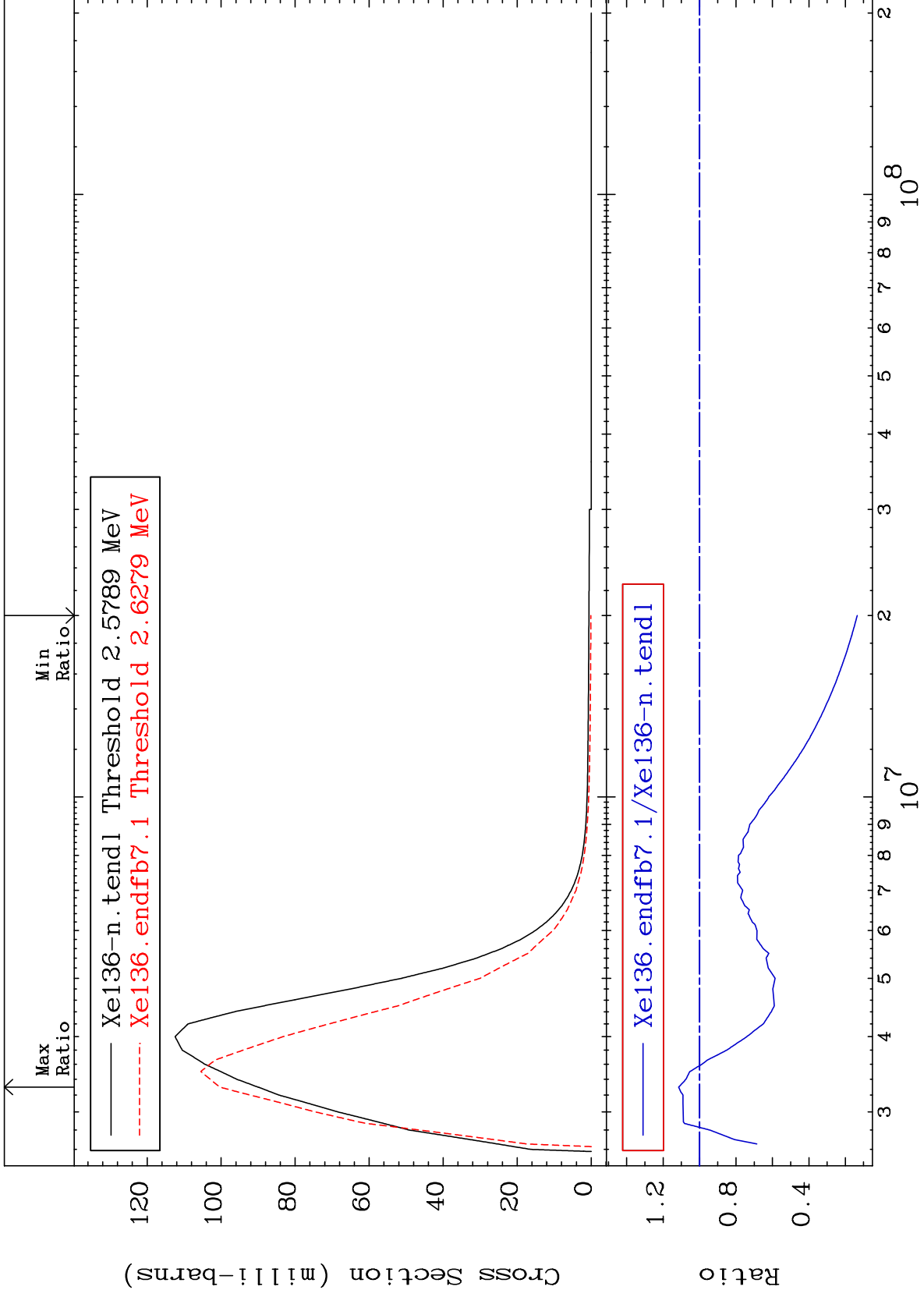
Incident Energy (eV)

54-Xe-136

MAT 5461

2.560 MeV (n,n') Level
Cross Section

54-Xe-136
-86.53 To 11.49 %



17

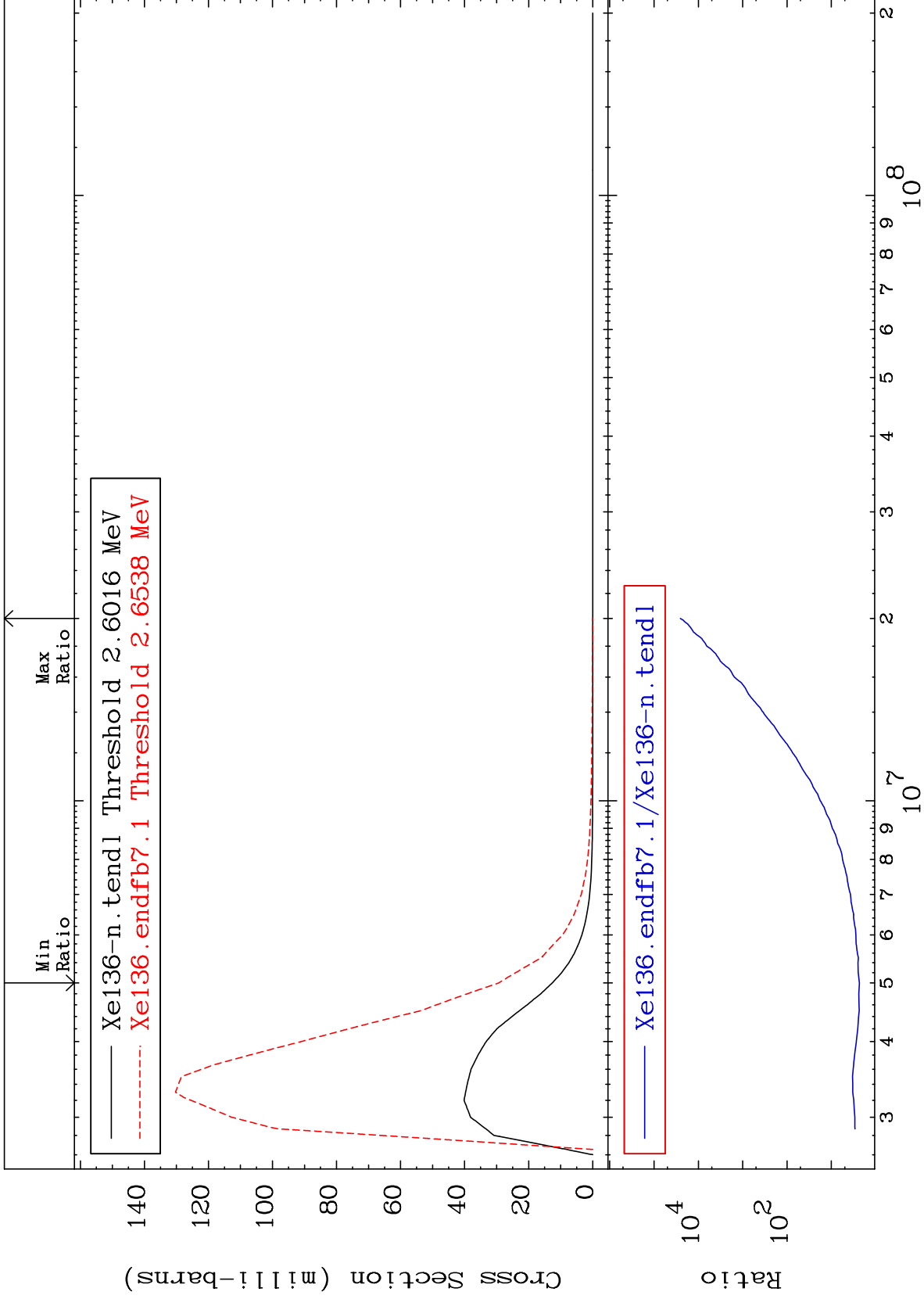
Incident Energy (eV)

54-Xe-136

MAT 5461

2.582 MeV (n,n') Level
Cross Section

54-Xe-136
133.0 To 9999. %



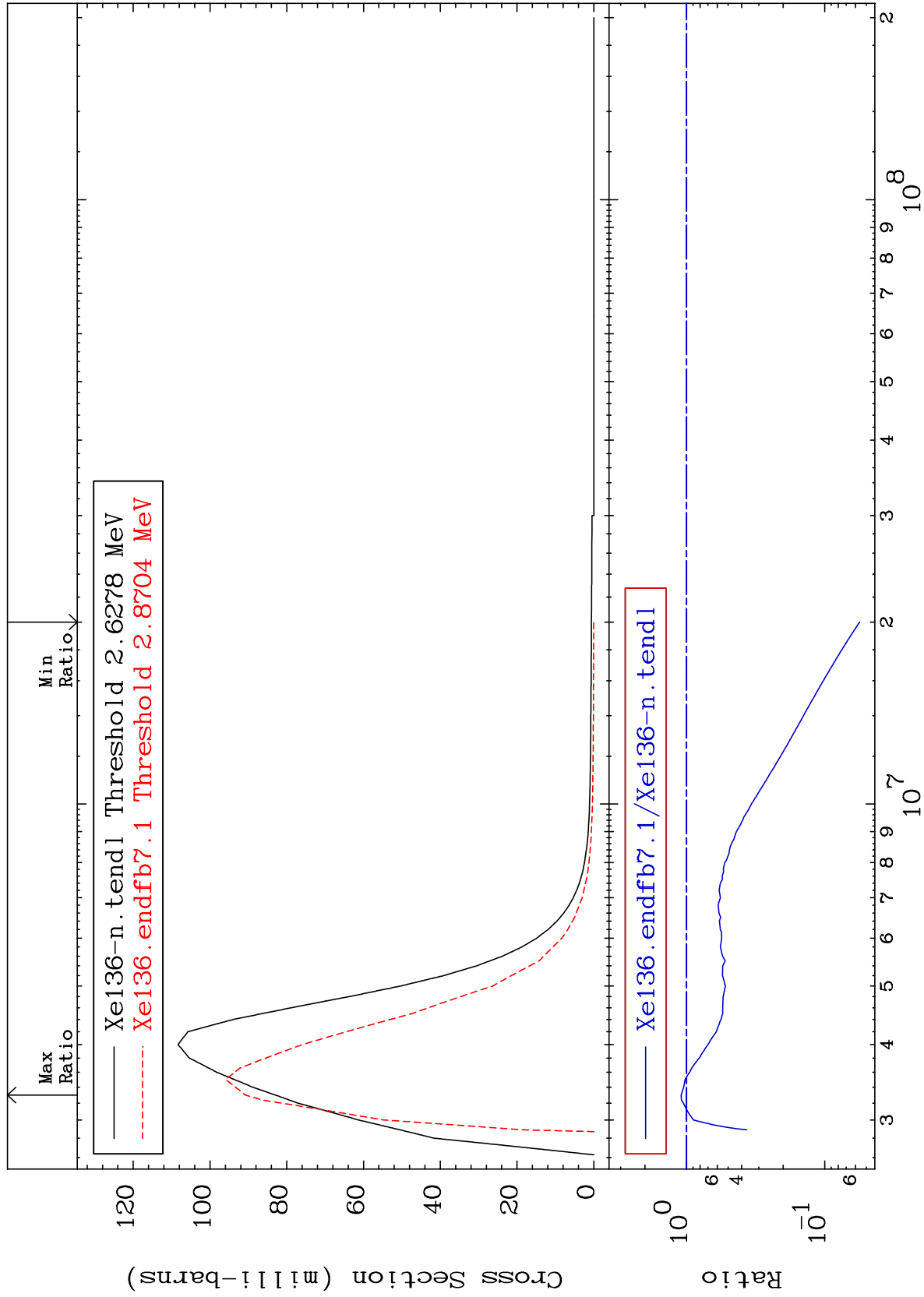
MAT 5461

2.608 MeV (n,n') Level

54-Xe-136

-94.41 To 9.431 %

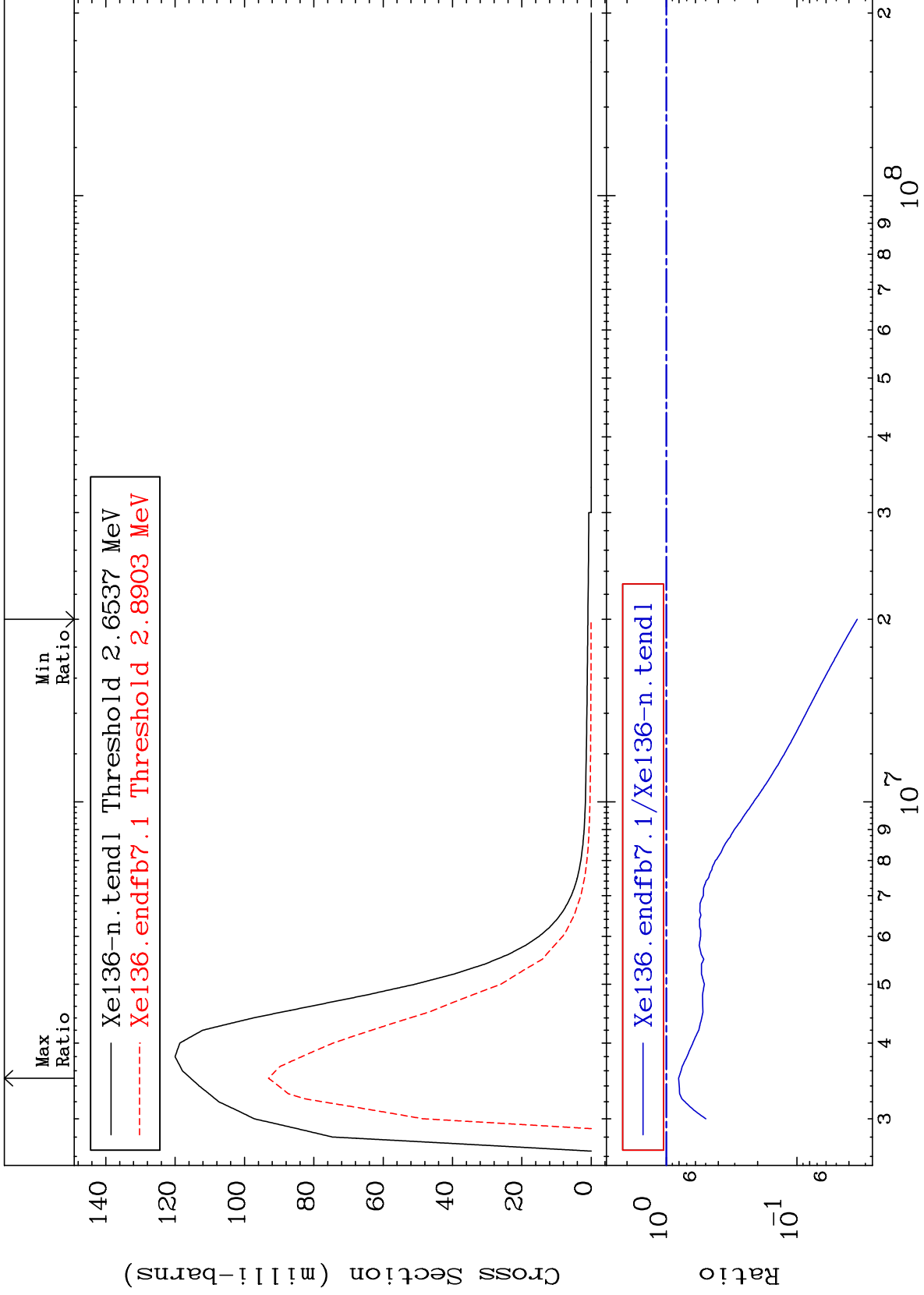
Cross Section



MAT 5461

2.634 MeV (n,n') Level
Cross Section

54-Xe-136
-96.55 To -19.43%



20

Incident Energy (eV)

54-Xe-136

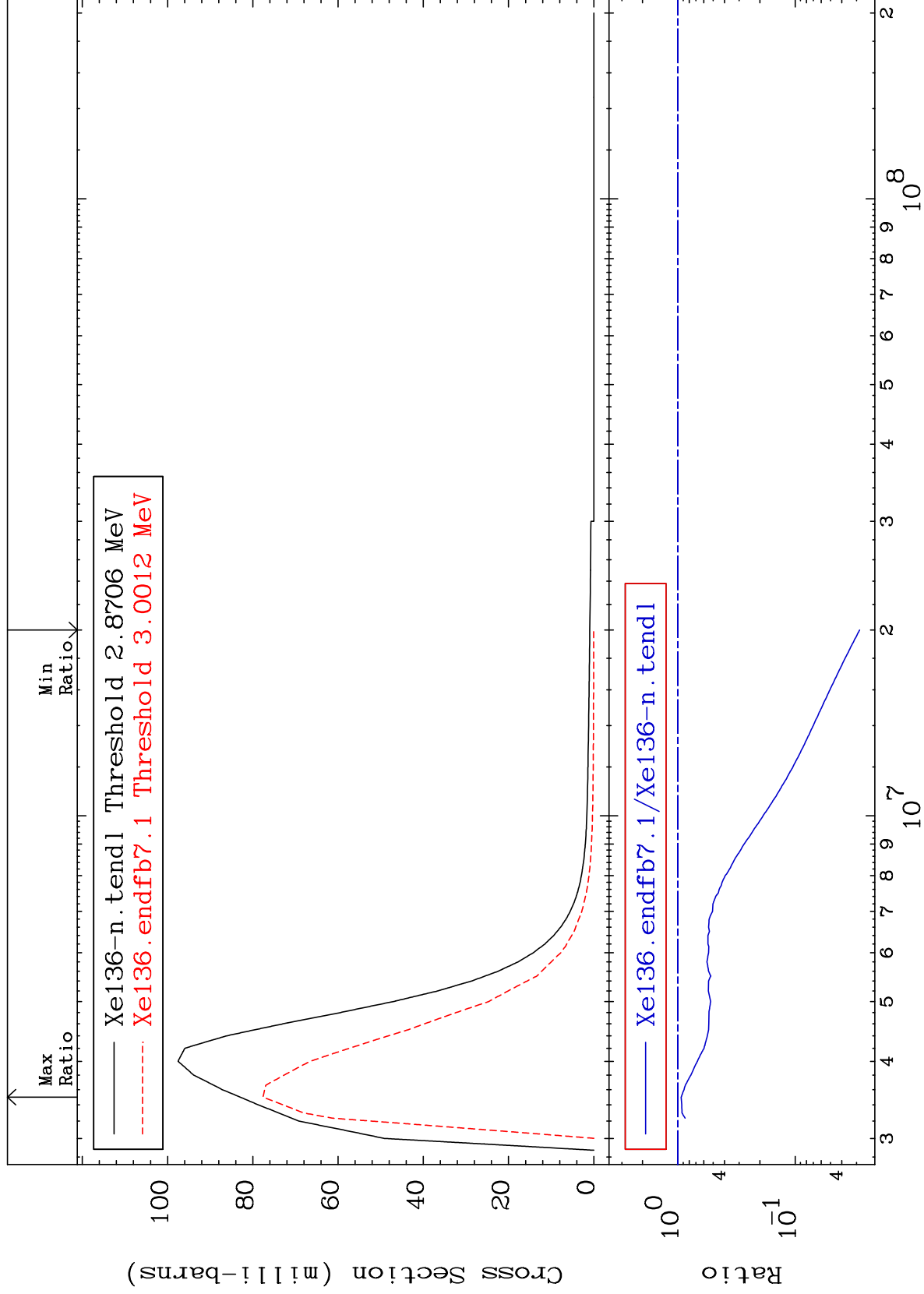
MAT 5461

2.849 MeV (n,n') Level

54-Xe-136

-97.18 To -6.425%

Cross Section



21

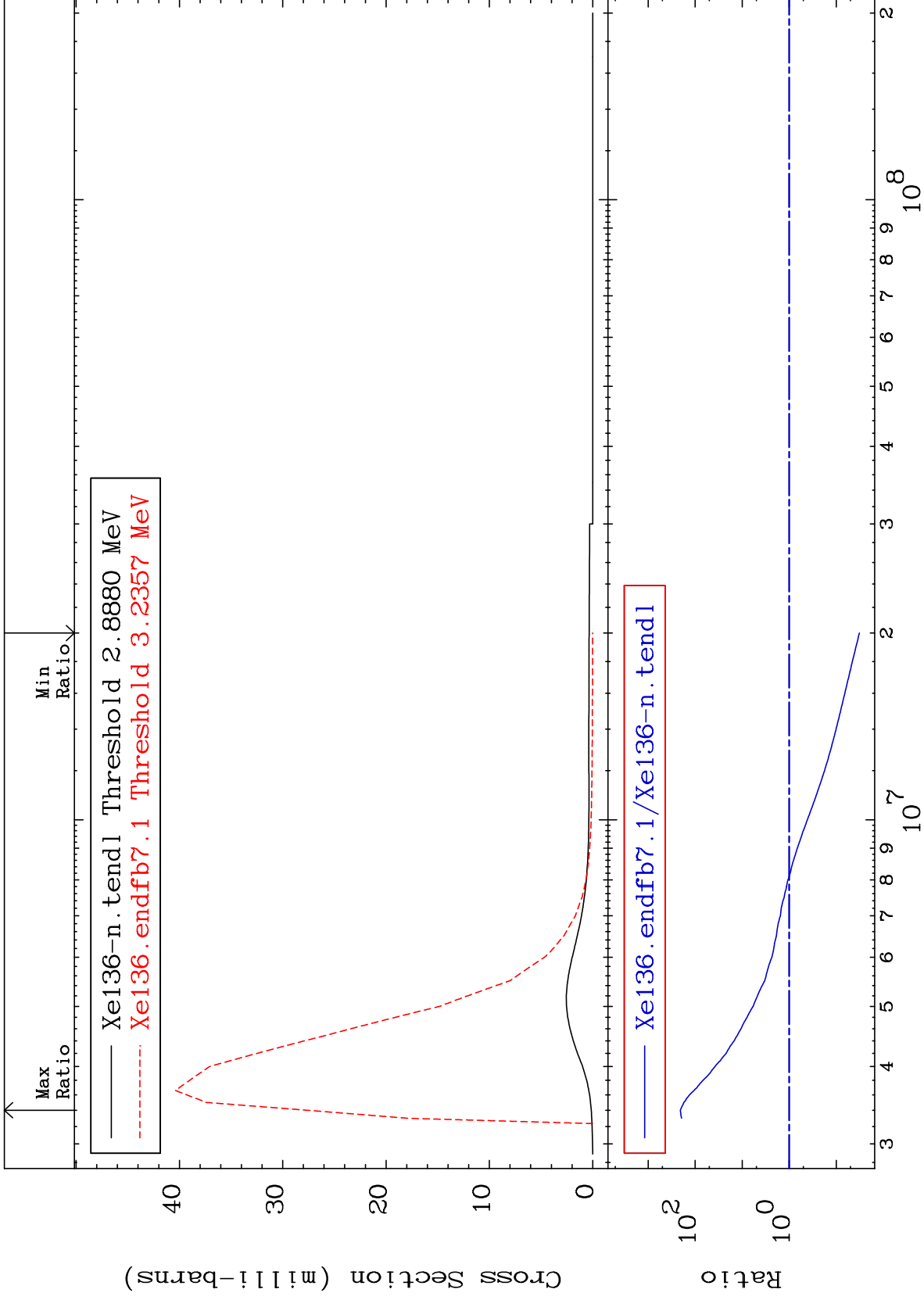
Incident Energy (eV)

54-Xe-136

MAT 5461

2.867 MeV (n,n') Level
Cross Section

54-Xe-136
-96.79 To 9999. %



22

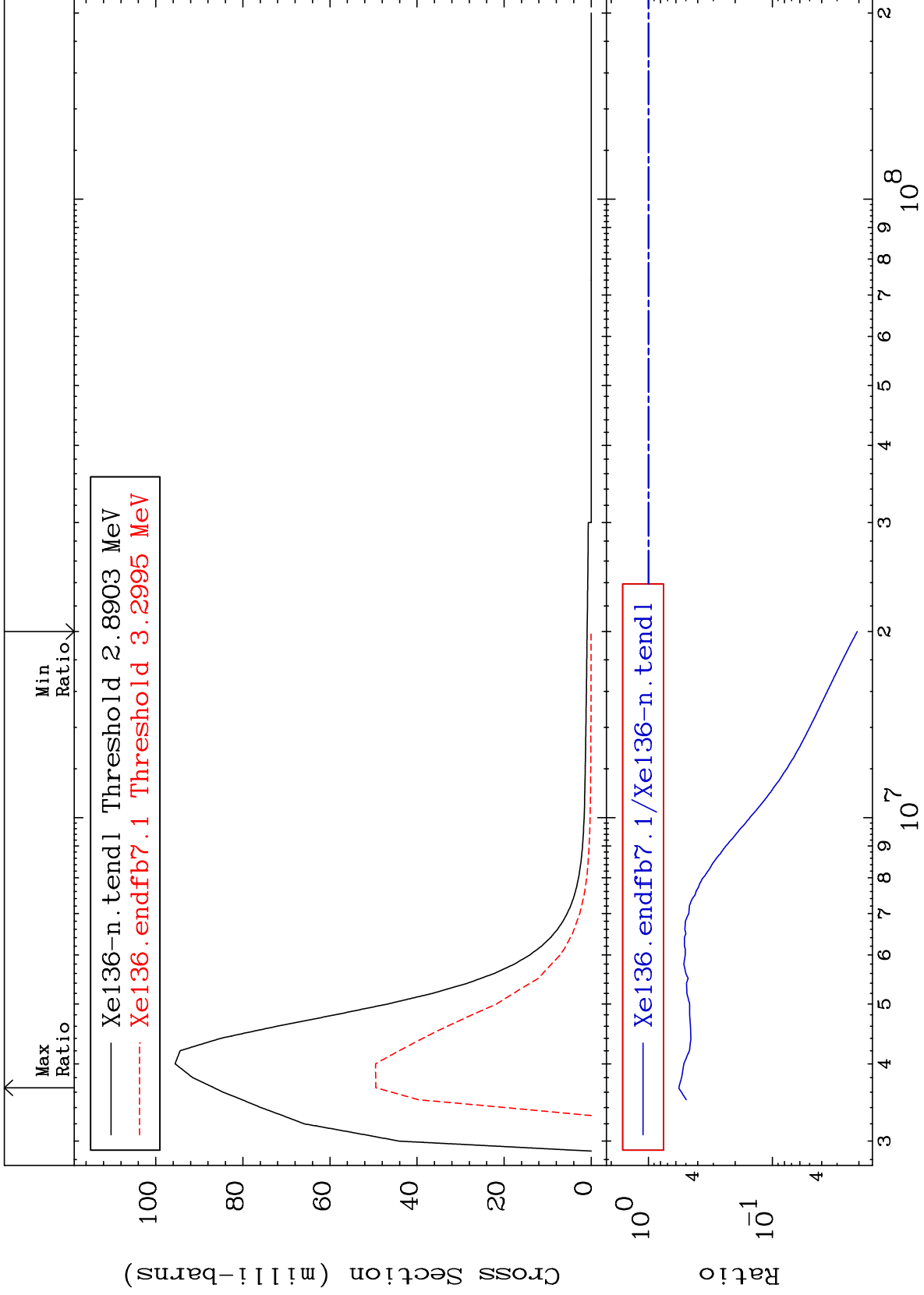
Incident Energy (eV)

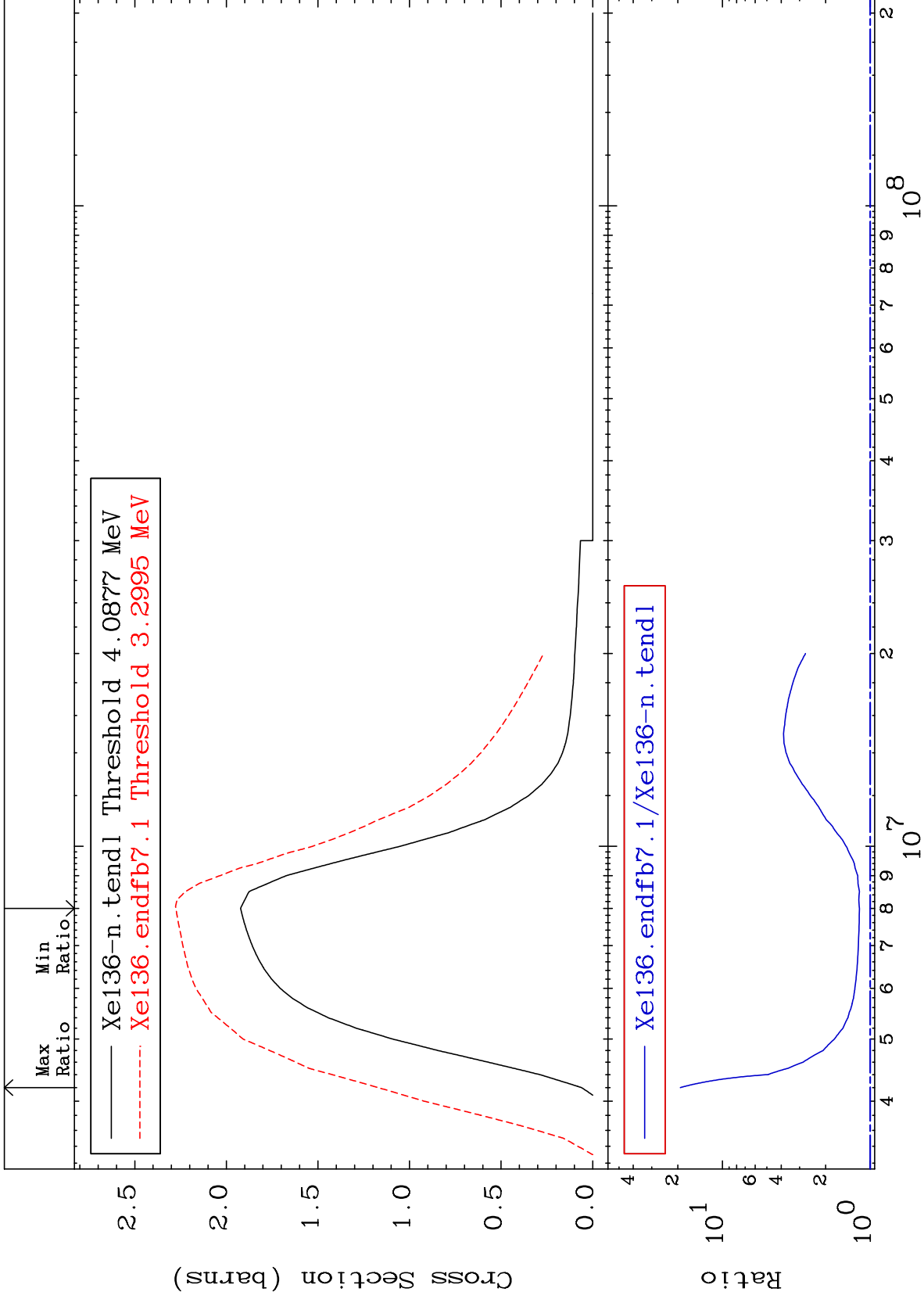
54-Xe-136

MAT 5461

2.869 MeV (n,n') Level
Cross Section

54-Xe-136
-97.94 To -42.91%

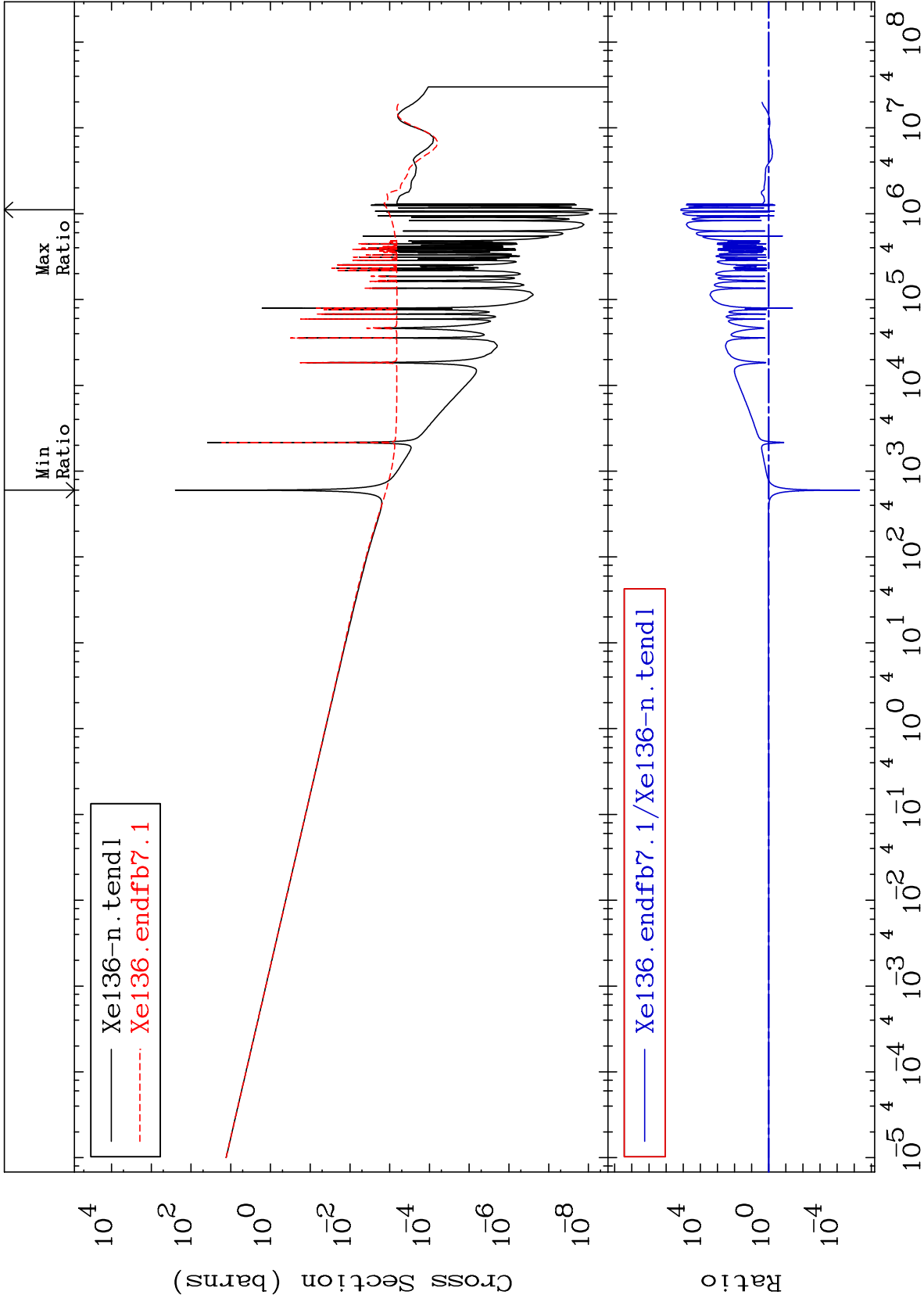




MAT 5461

(n, γ)
Cross Section

54-Xe-136
-100.0 To 9999. %



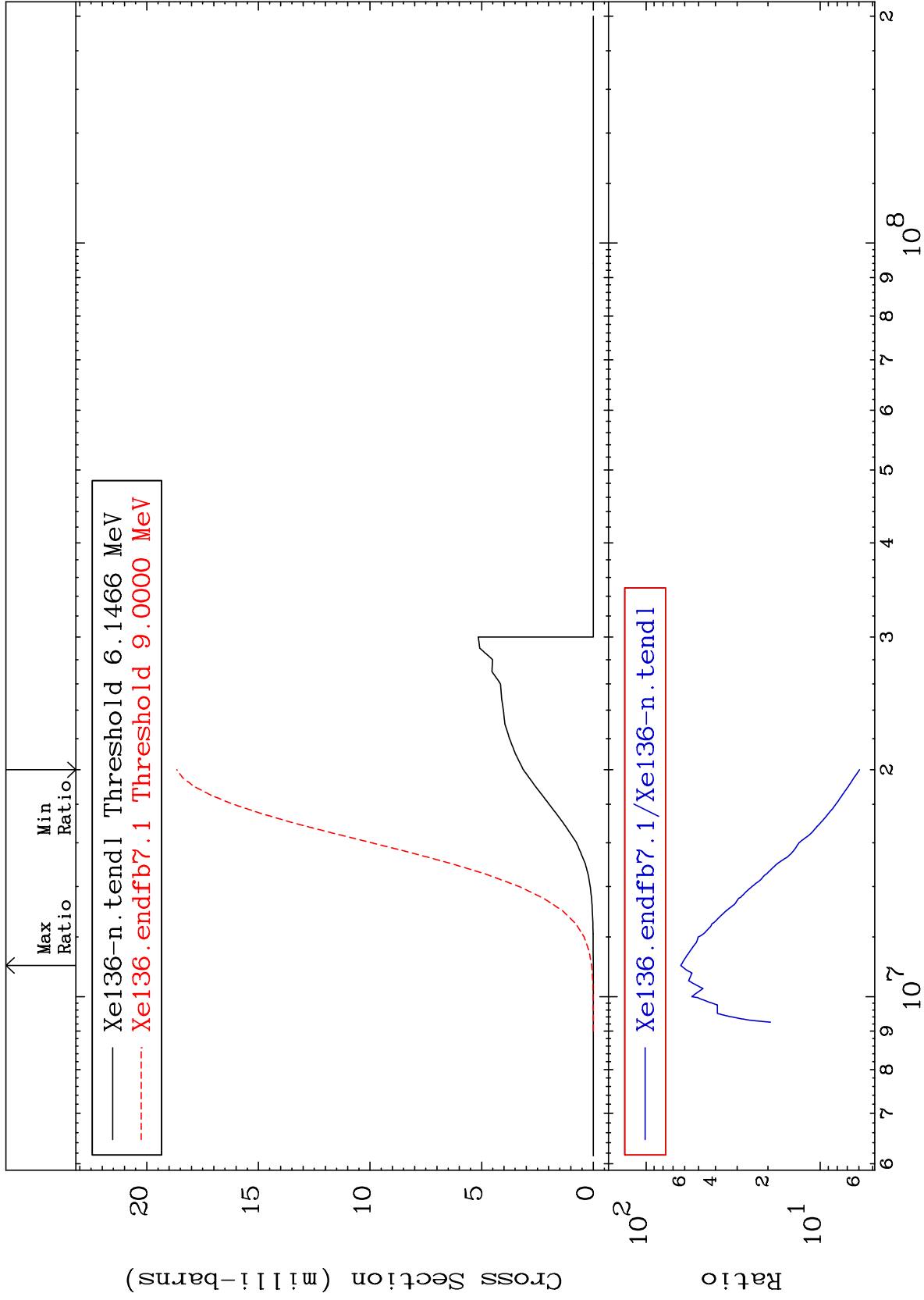
MAT 5461

(n, p)

54-Xe-136

Cross Section

495.3 To 6223. %



MAT 5461

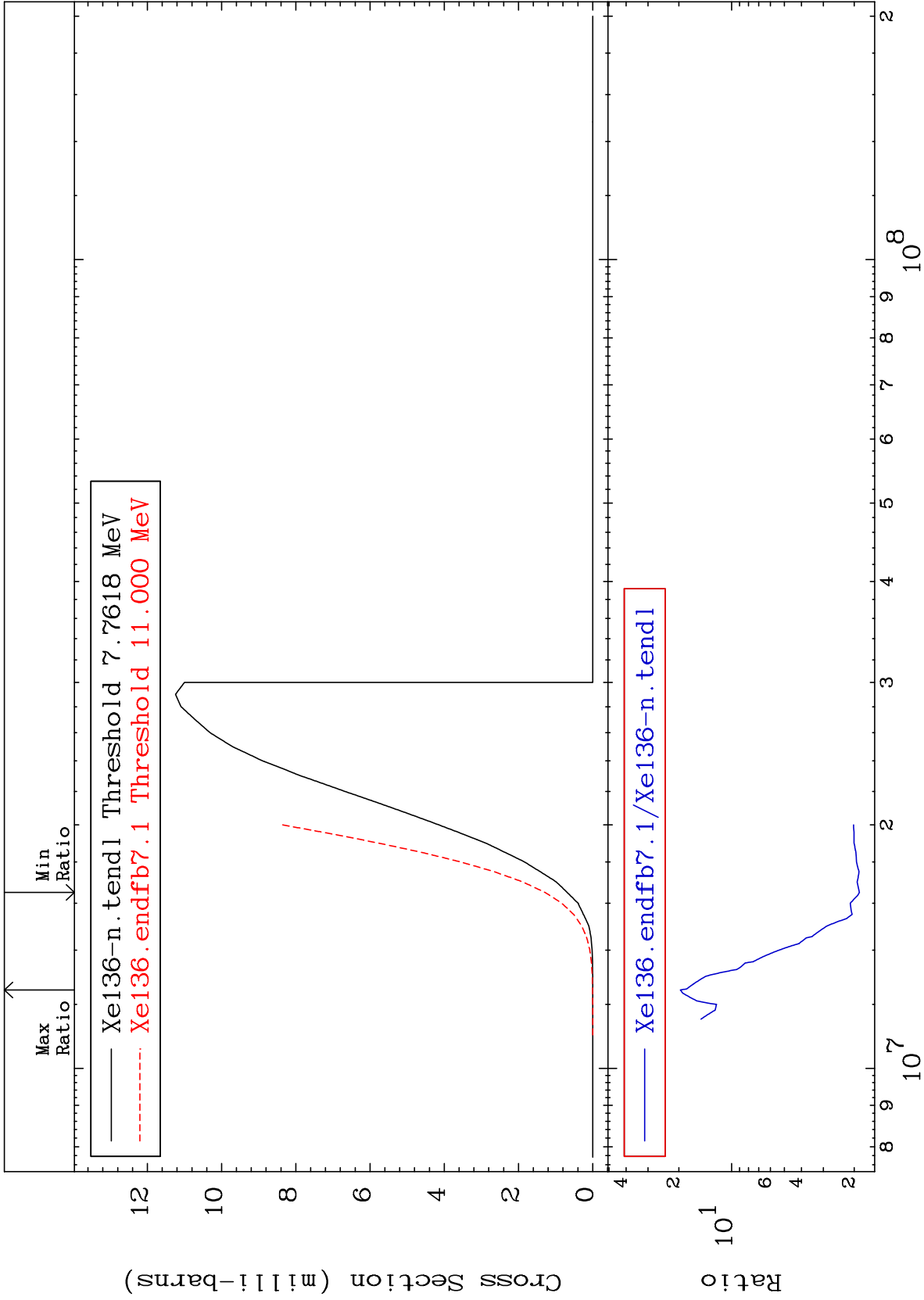
(n, d)

54-Xe-136

Cross Section

86.57

To 1860. %



27

Incident Energy (eV)

54-Xe-136

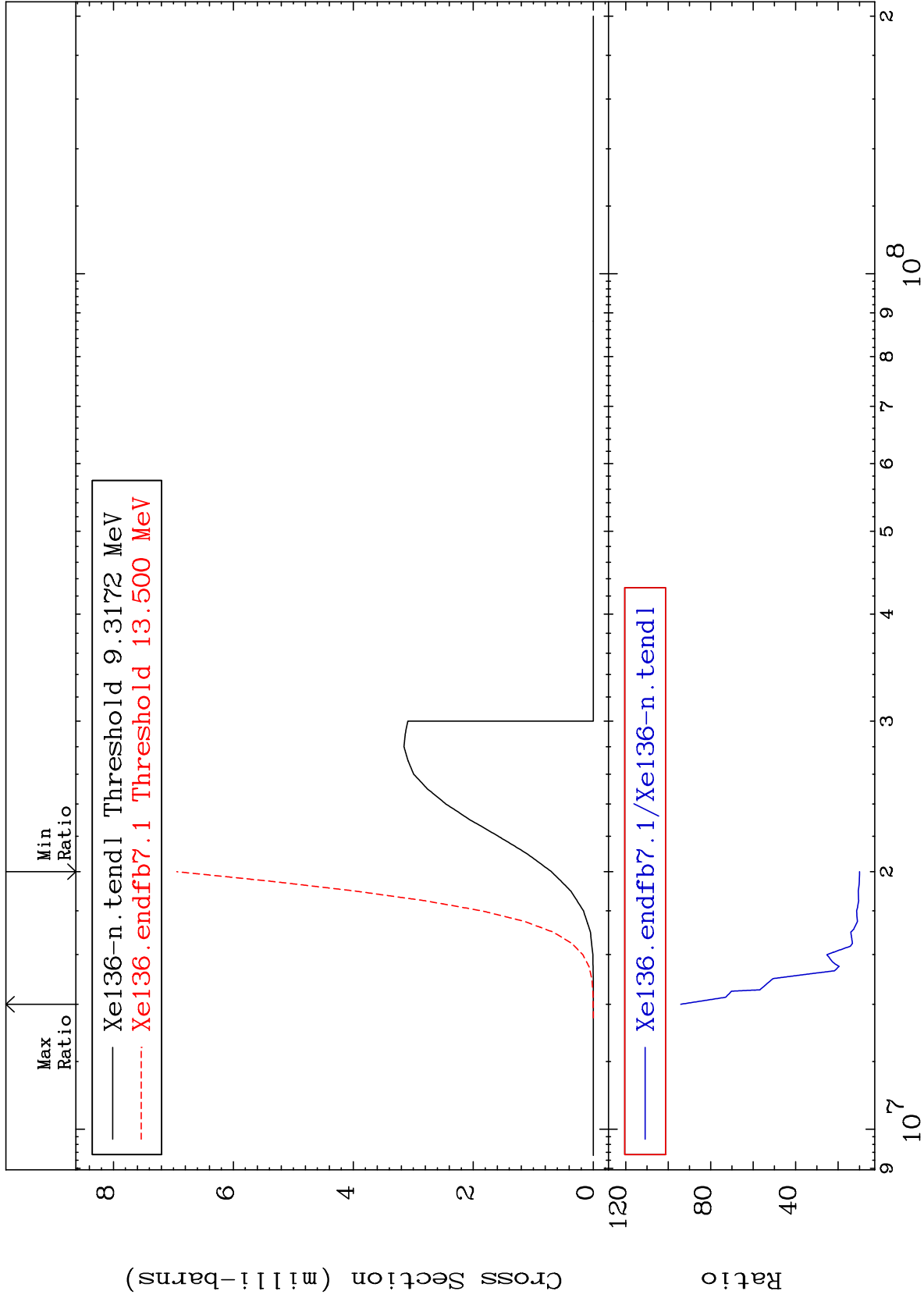
MAT 5461

(n, t)

54-Xe-136

Cross Section

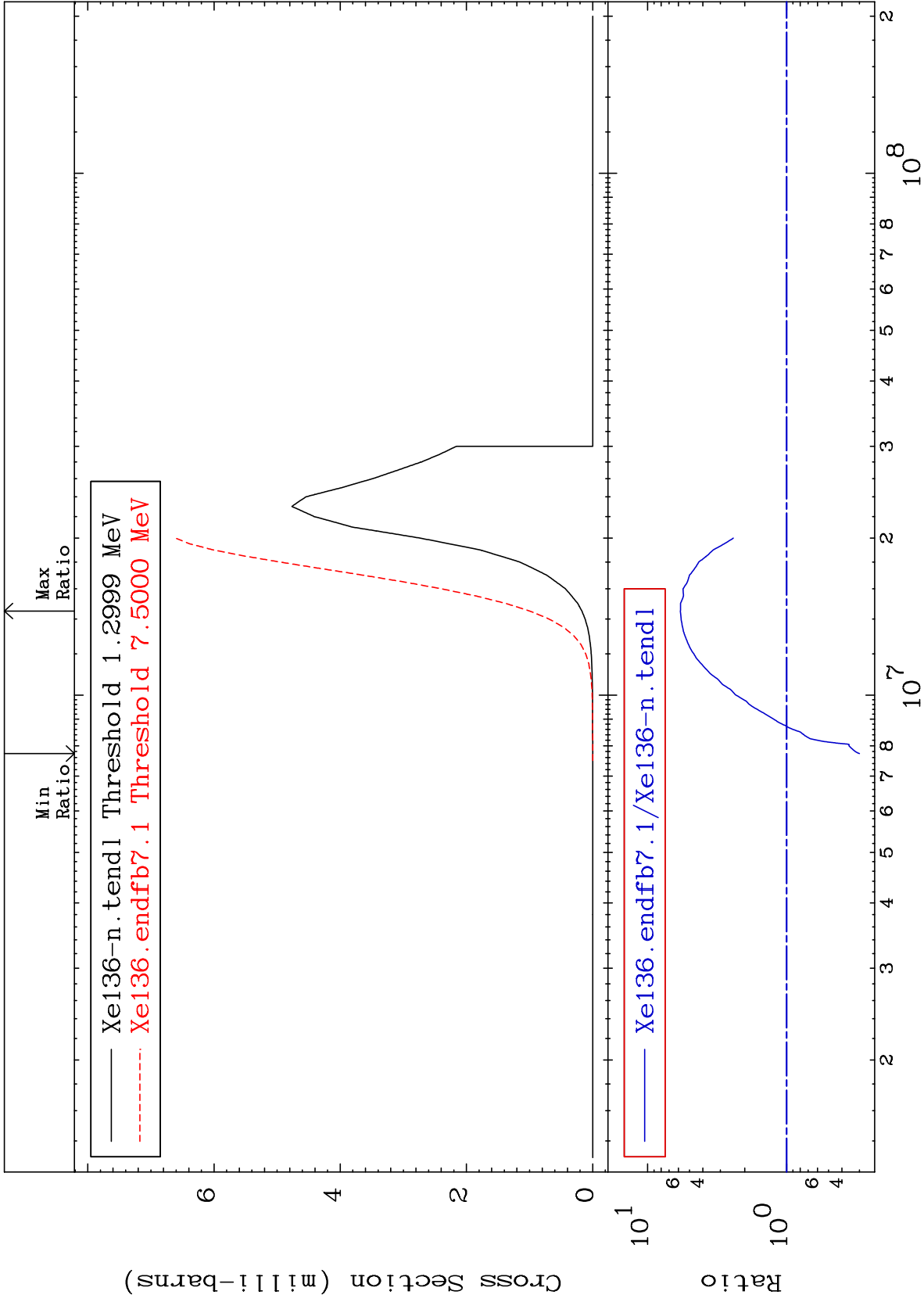
895.5 To 9310. %



28

54-Xe-136

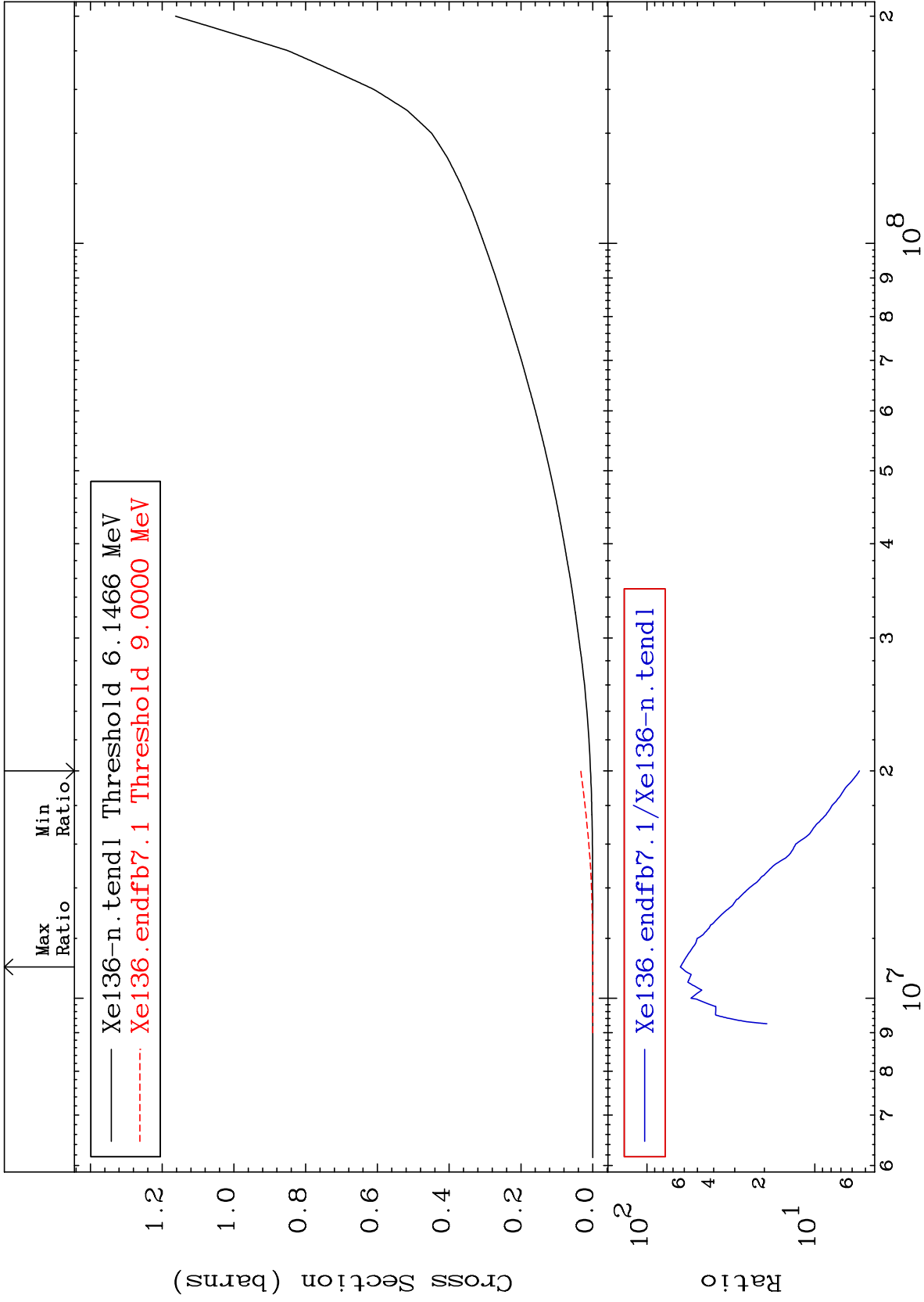
54-Xe-136



MAT 5461

Hydrogen Production
Cross Section

54-Xe-136
442.9 To 6223. %



30

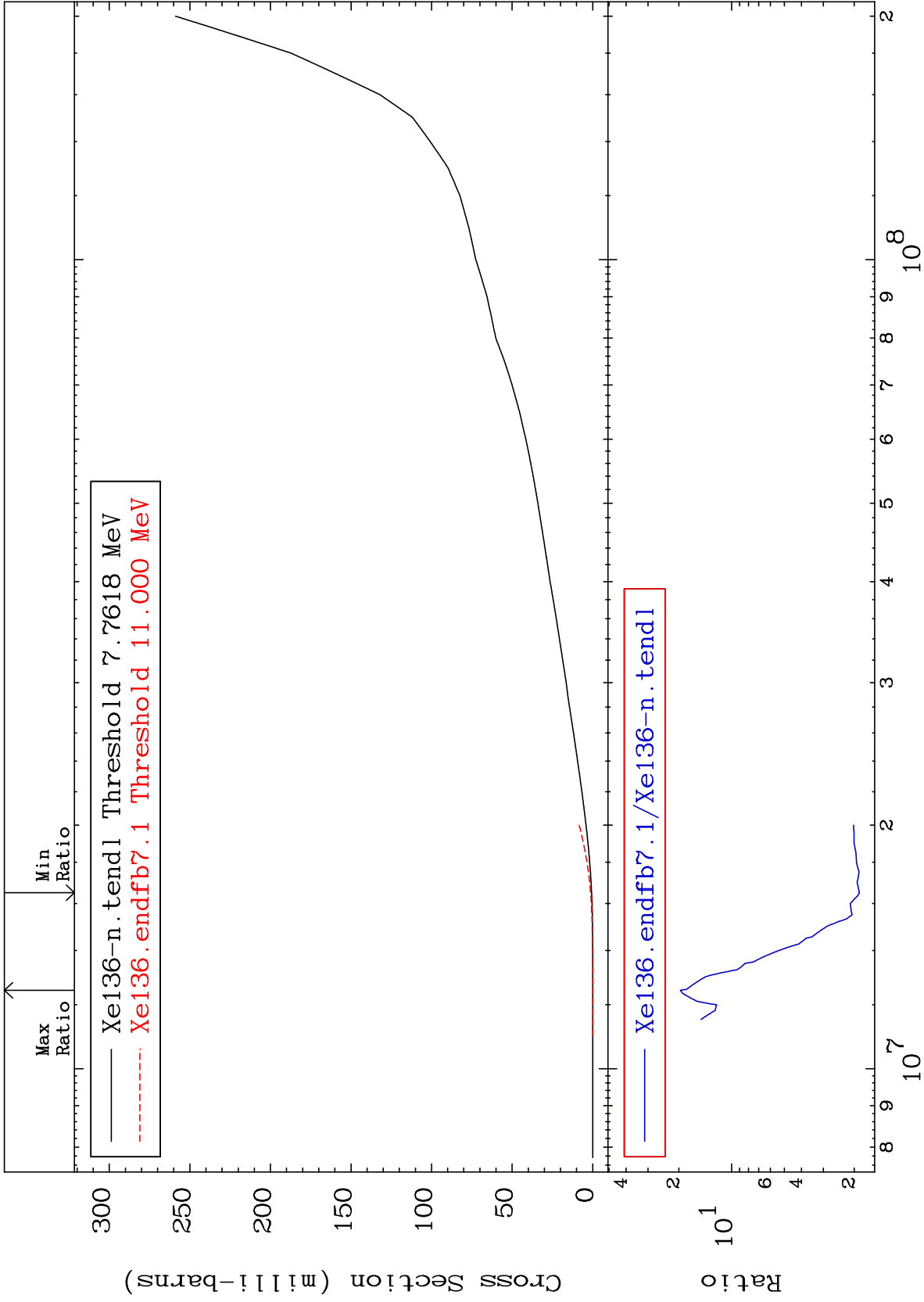
Incident Energy (eV)

54-Xe-136

MAT 5461

Deuterium Production
Cross Section

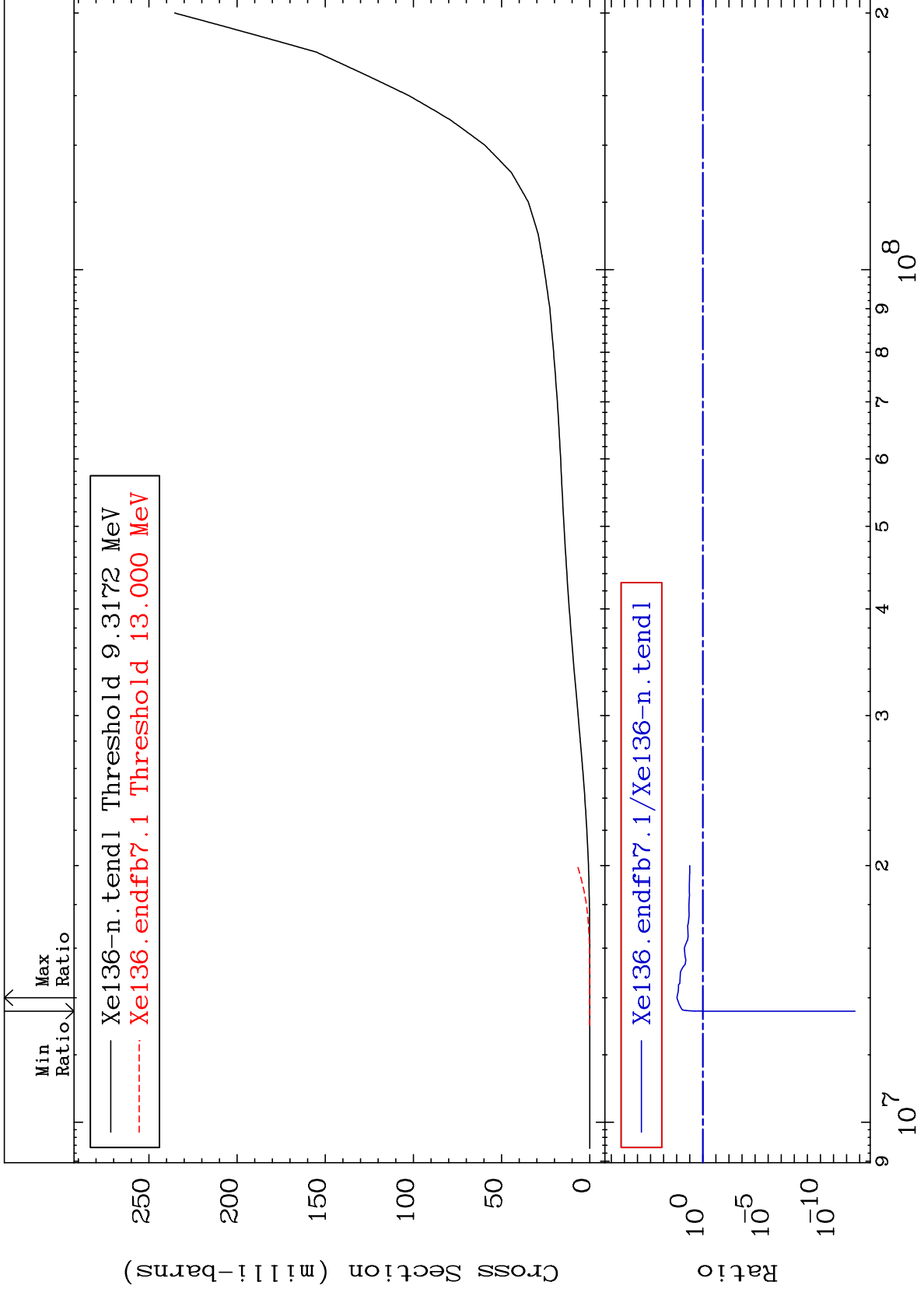
54-Xe-136
86.57 To 1860. %



MAT 5461

Tritium Production
Cross Section

54-Xe-136
-100.0 To 9310. %



32

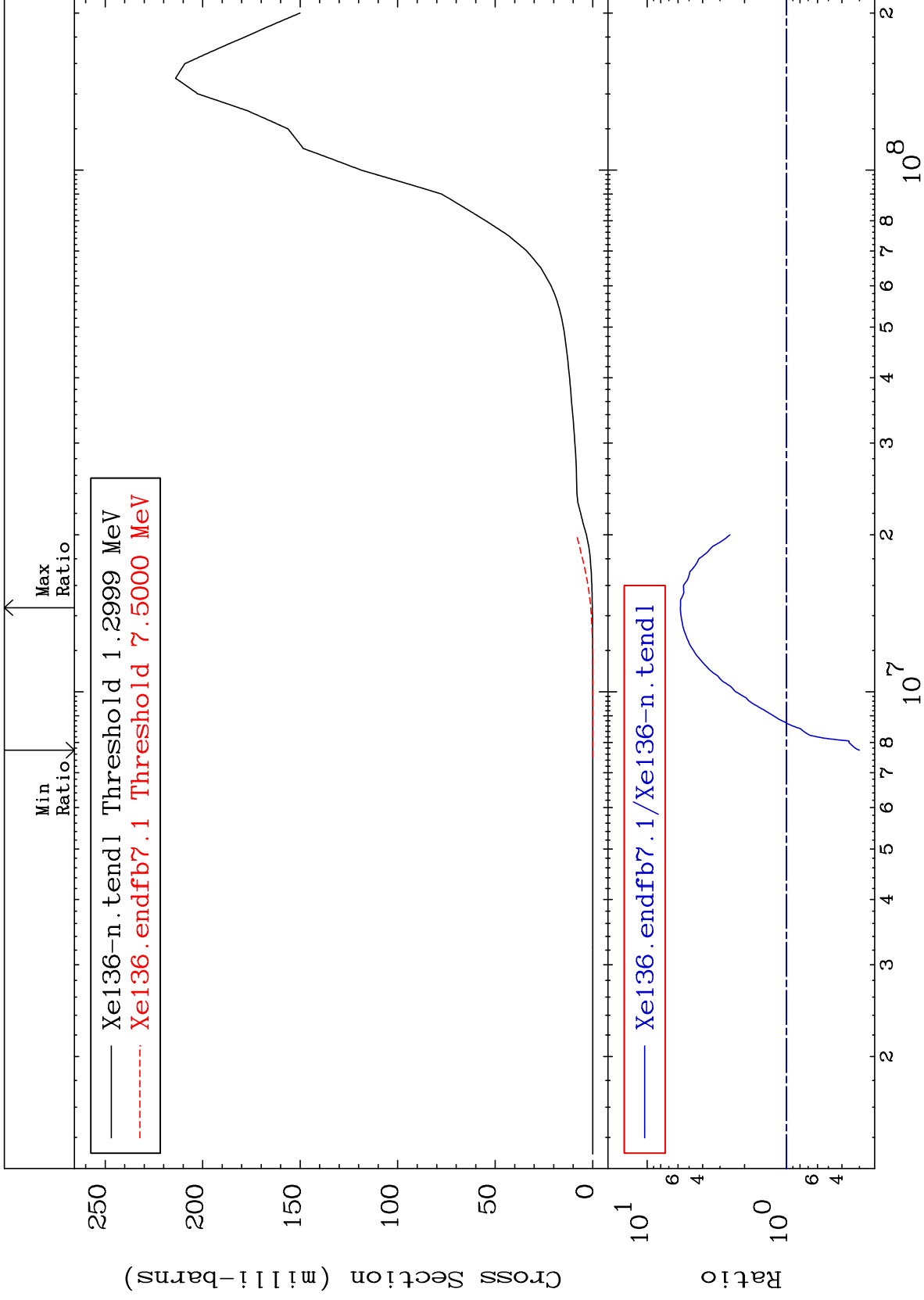
Incident Energy (eV)

54-Xe-136

MAT 5461

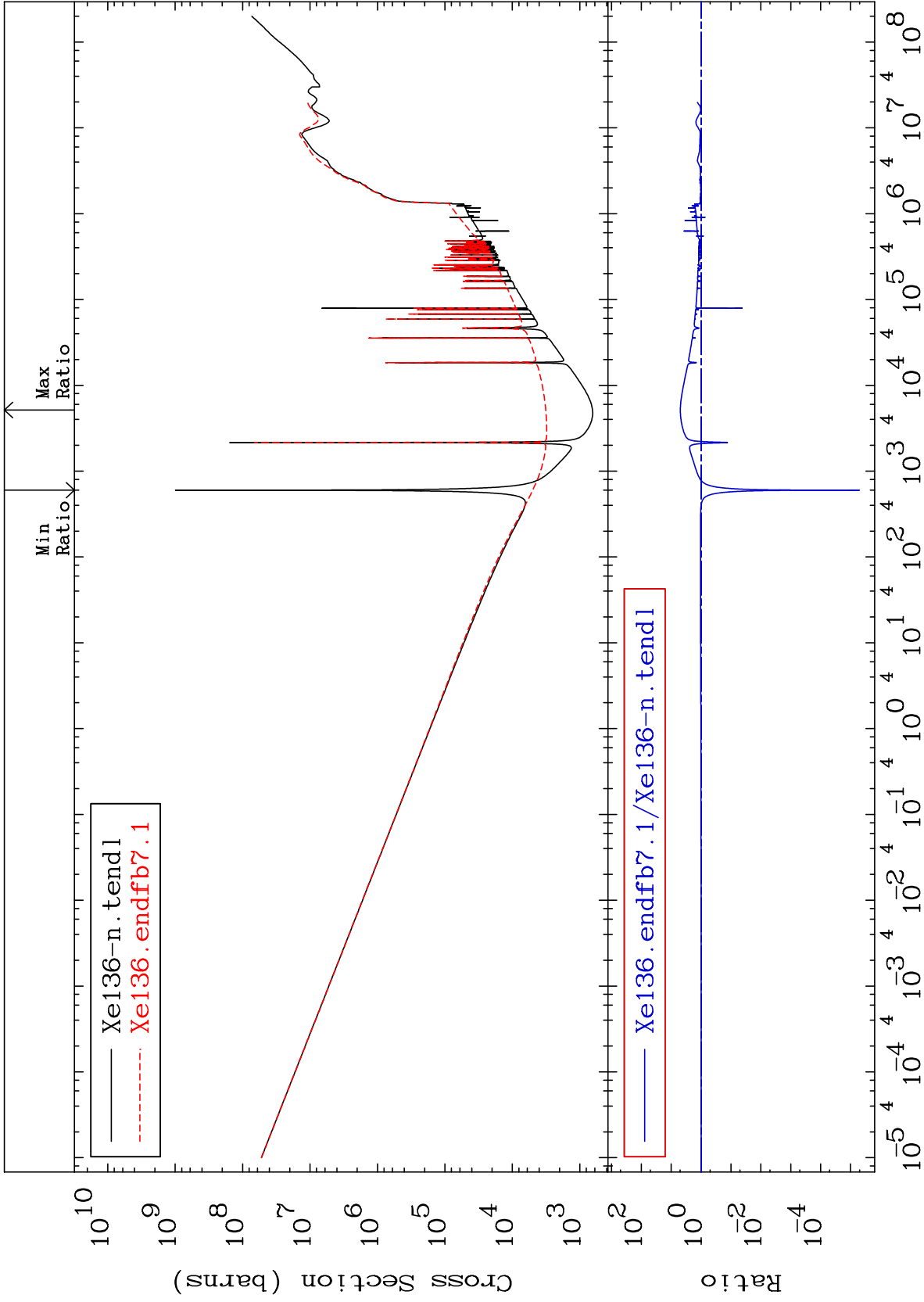
He-4 Production
Cross Section

54-Xe-136
-70.04 To 477.9 %



Cross Section

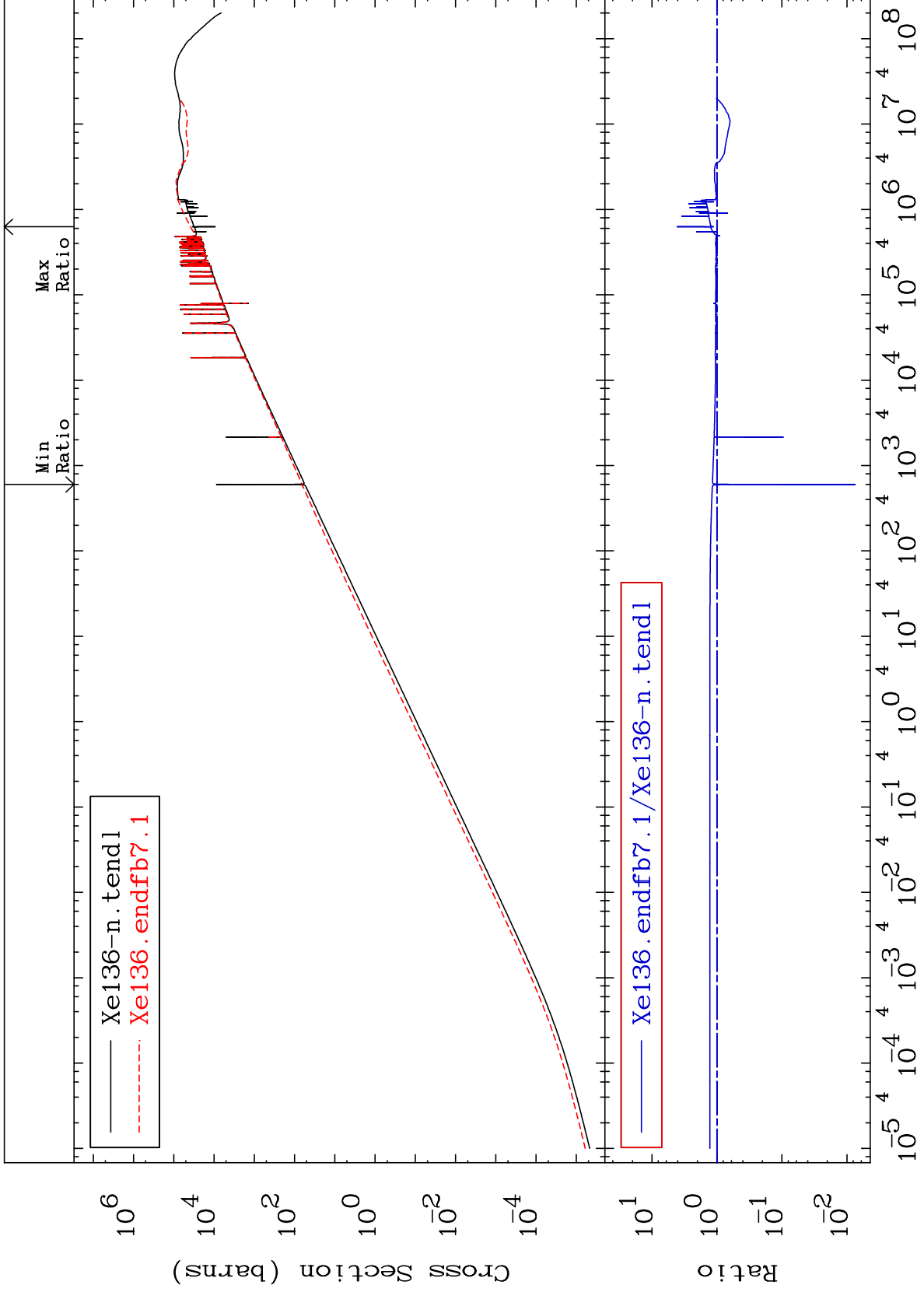
-100.0 To 393.8 %

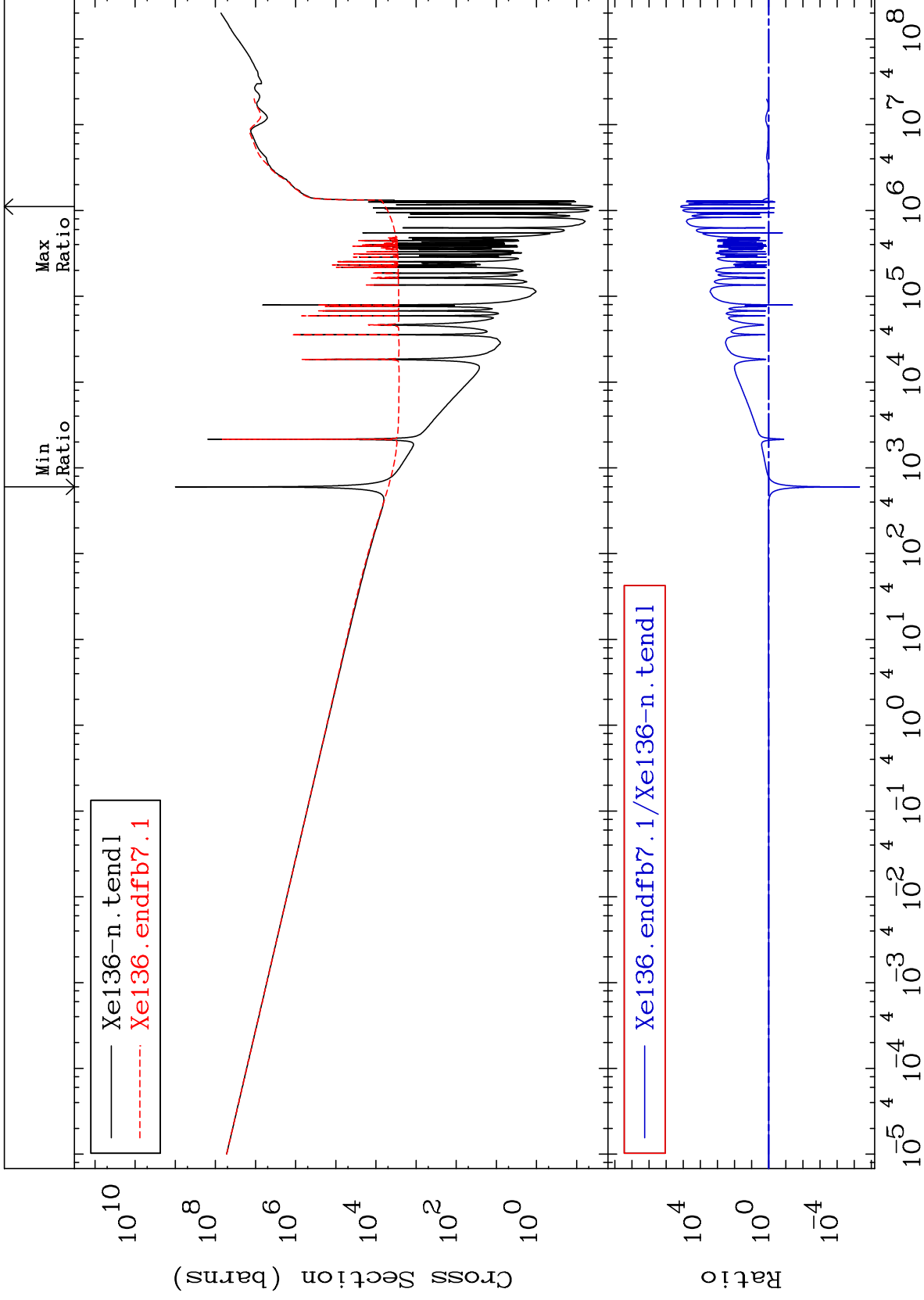


MAT 5461

Kerma elastic
Cross Section

54-Xe-136
-99.25 To 312.7 %



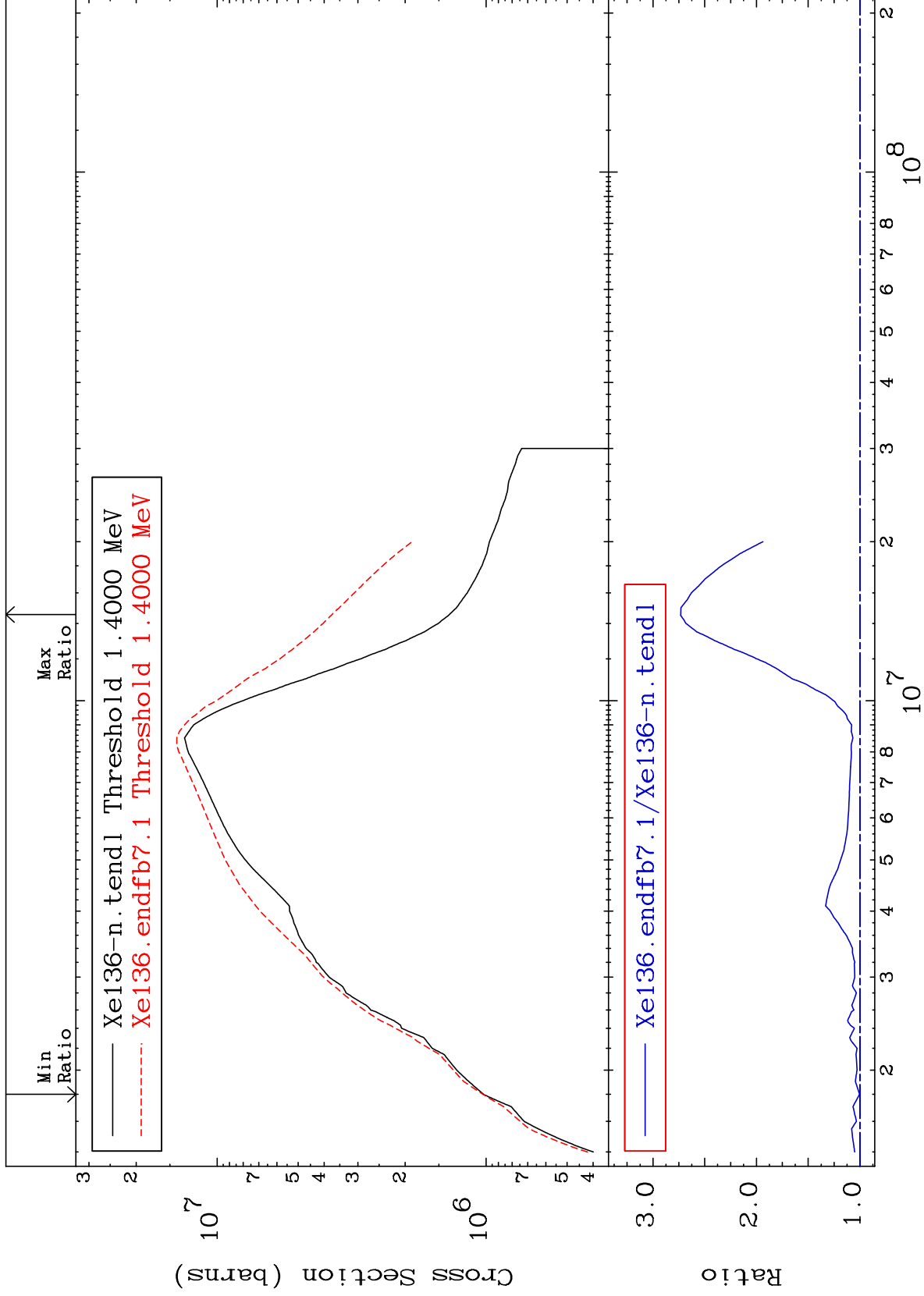


MAT 5461

Kerma inelastic (mt51-91)
Cross Section

54-Xe-136

0.414 To 173.2 %



37

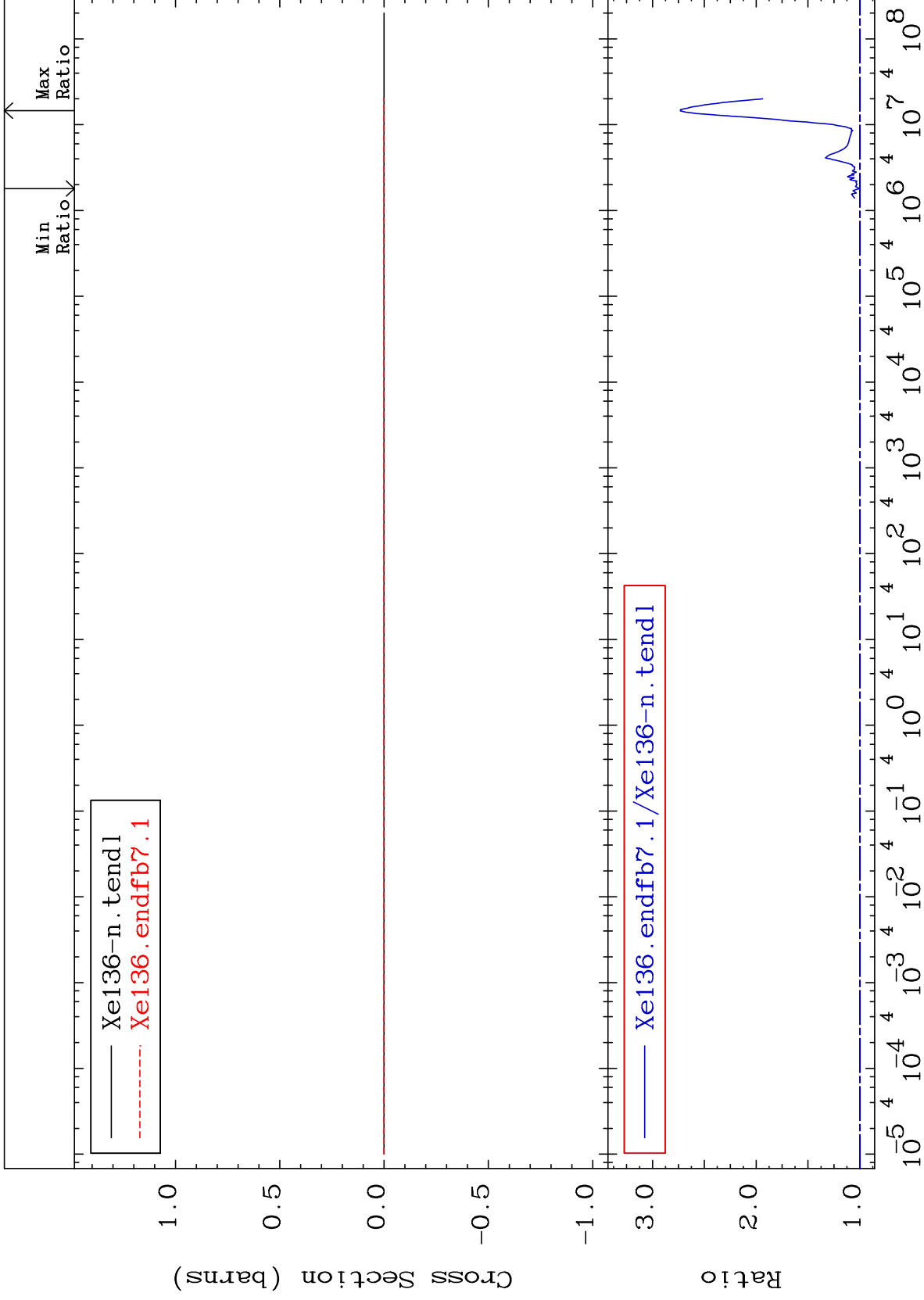
Incident Energy (eV)

54-Xe-136

MAT 5461

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

54-Xe-136
0.414 To 173.2 %



38

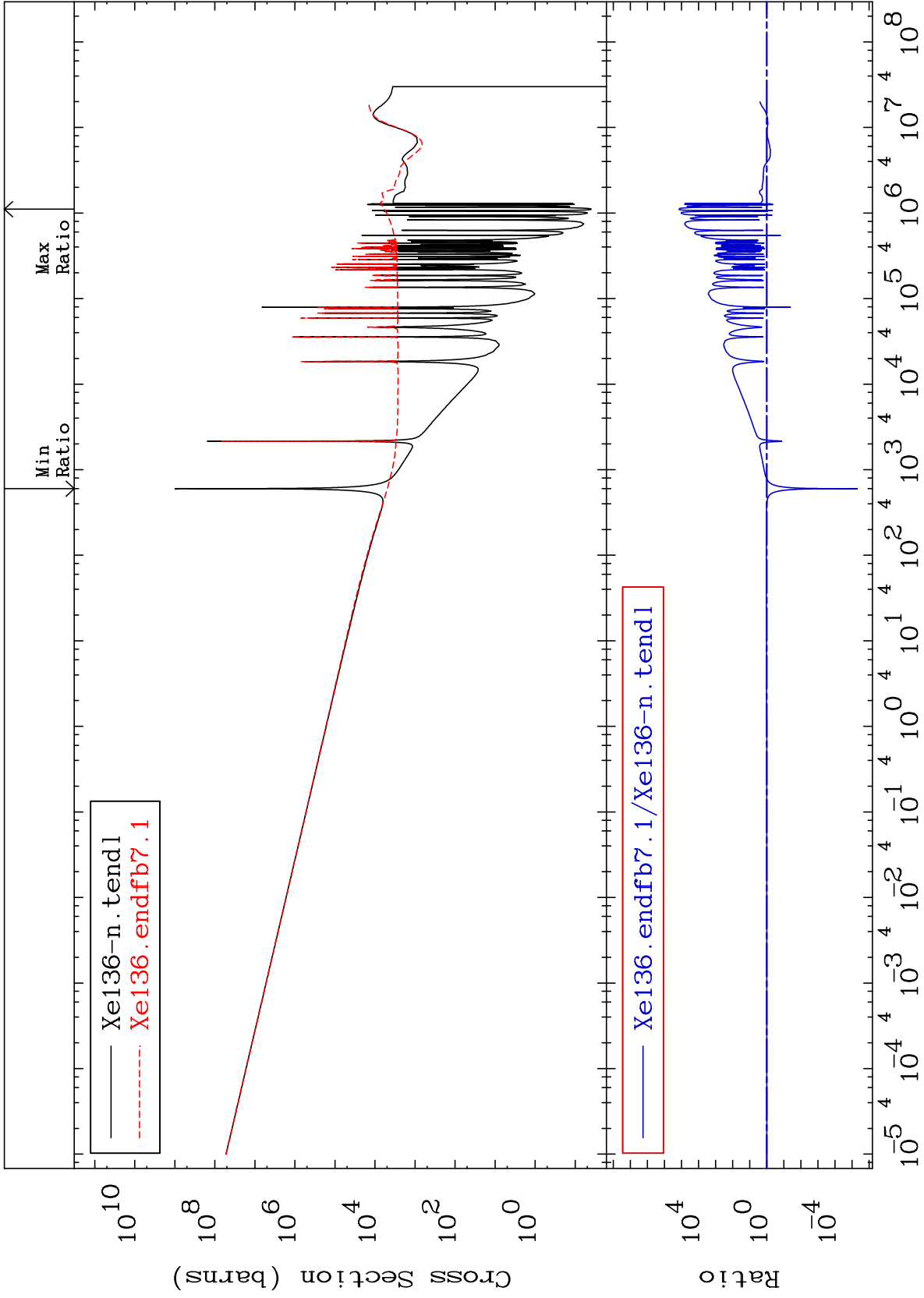
Incident Energy (eV)

54-Xe-136

MAT 5461

Kerma capture (mt102)
Cross Section

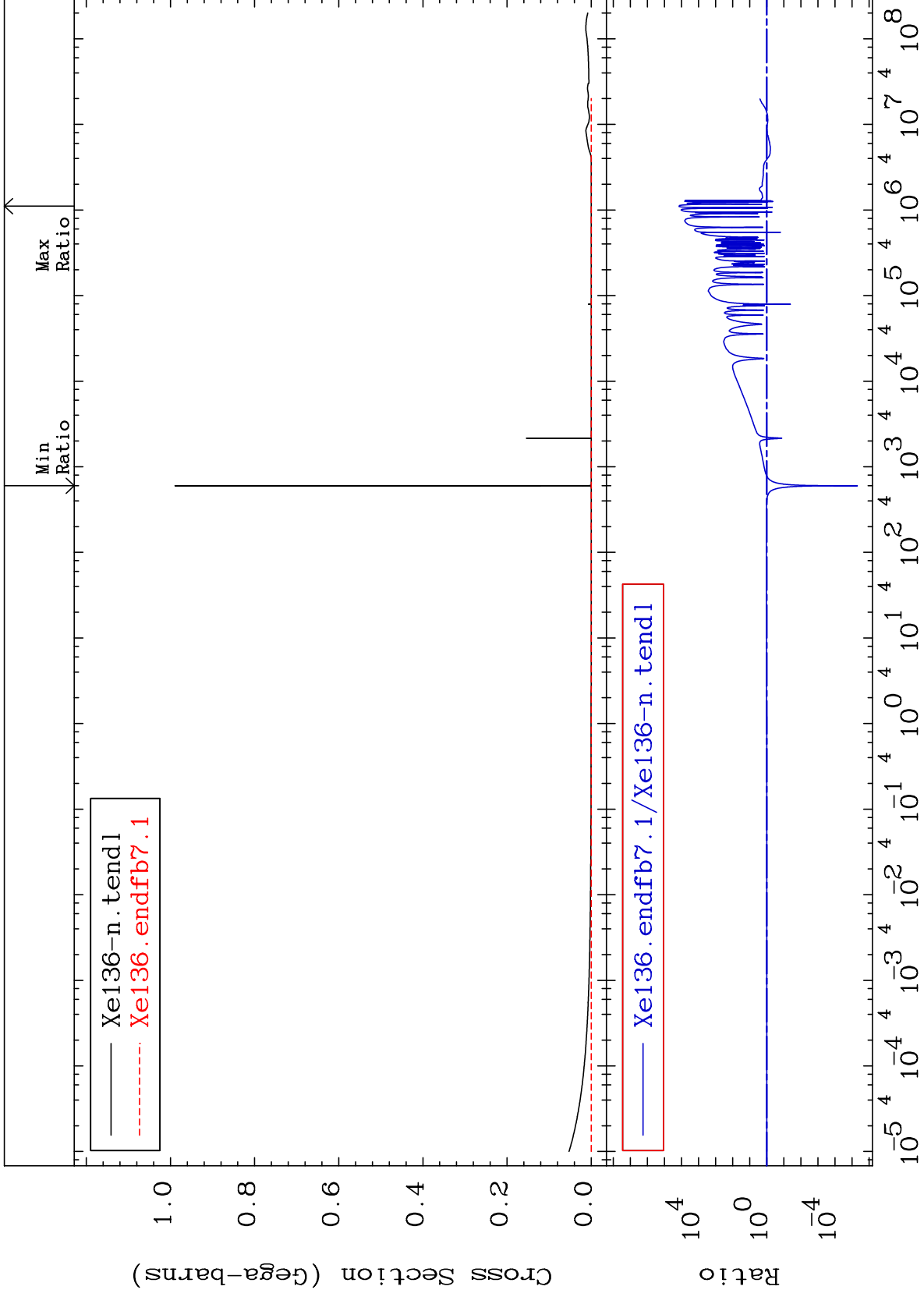
54-Xe-136
-100.0 To 9999. %



MAT 5461

Total photon (eV-barns)
Cross Section

54-Xe-136
-100.0 To 9999. %



40

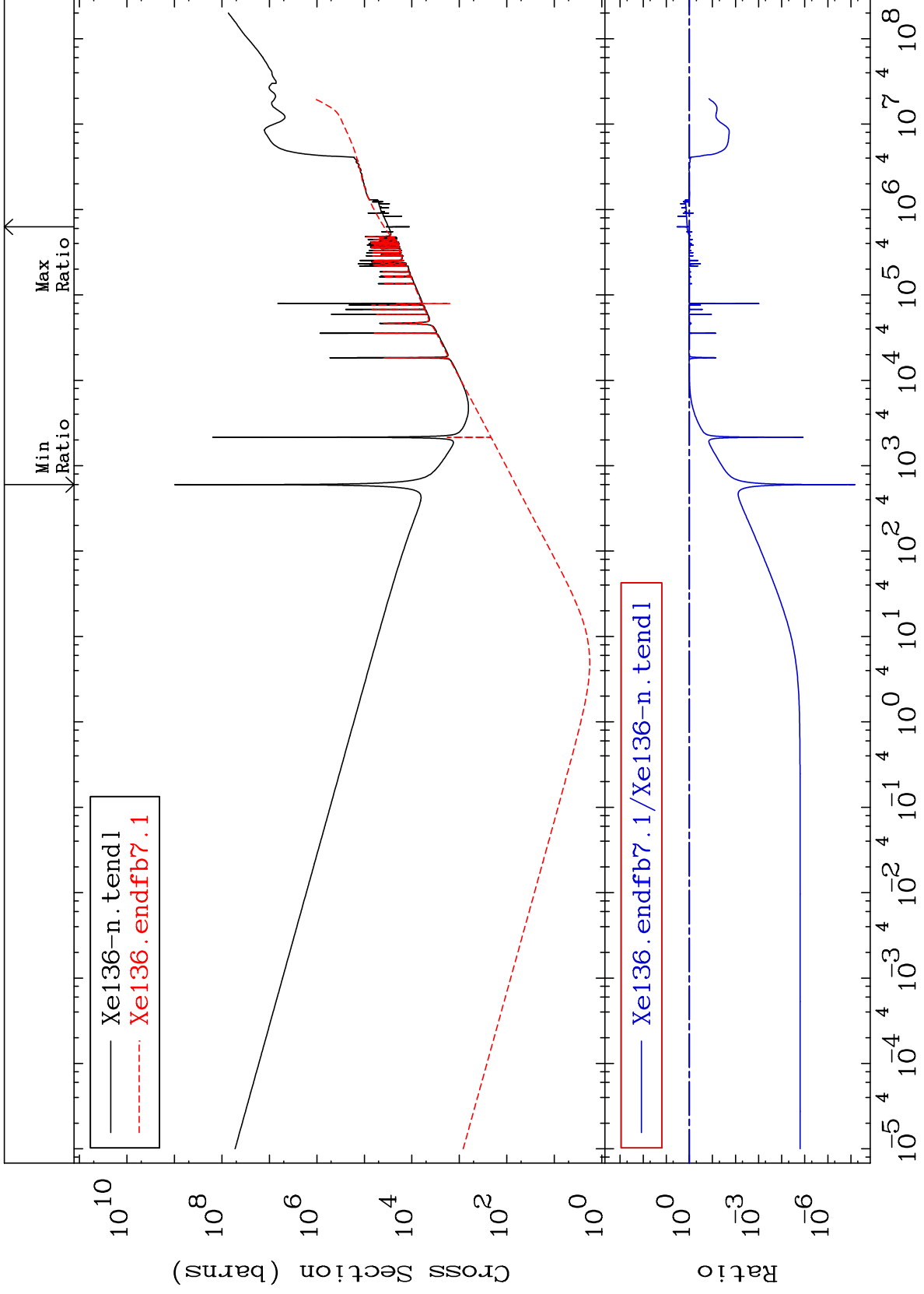
Incident Energy (eV)

54-Xe-136

MAT 5461

Total kinematic kerma (high limit)
Cross Section

54-Xe-136
-100.0 To 245.5 %



41

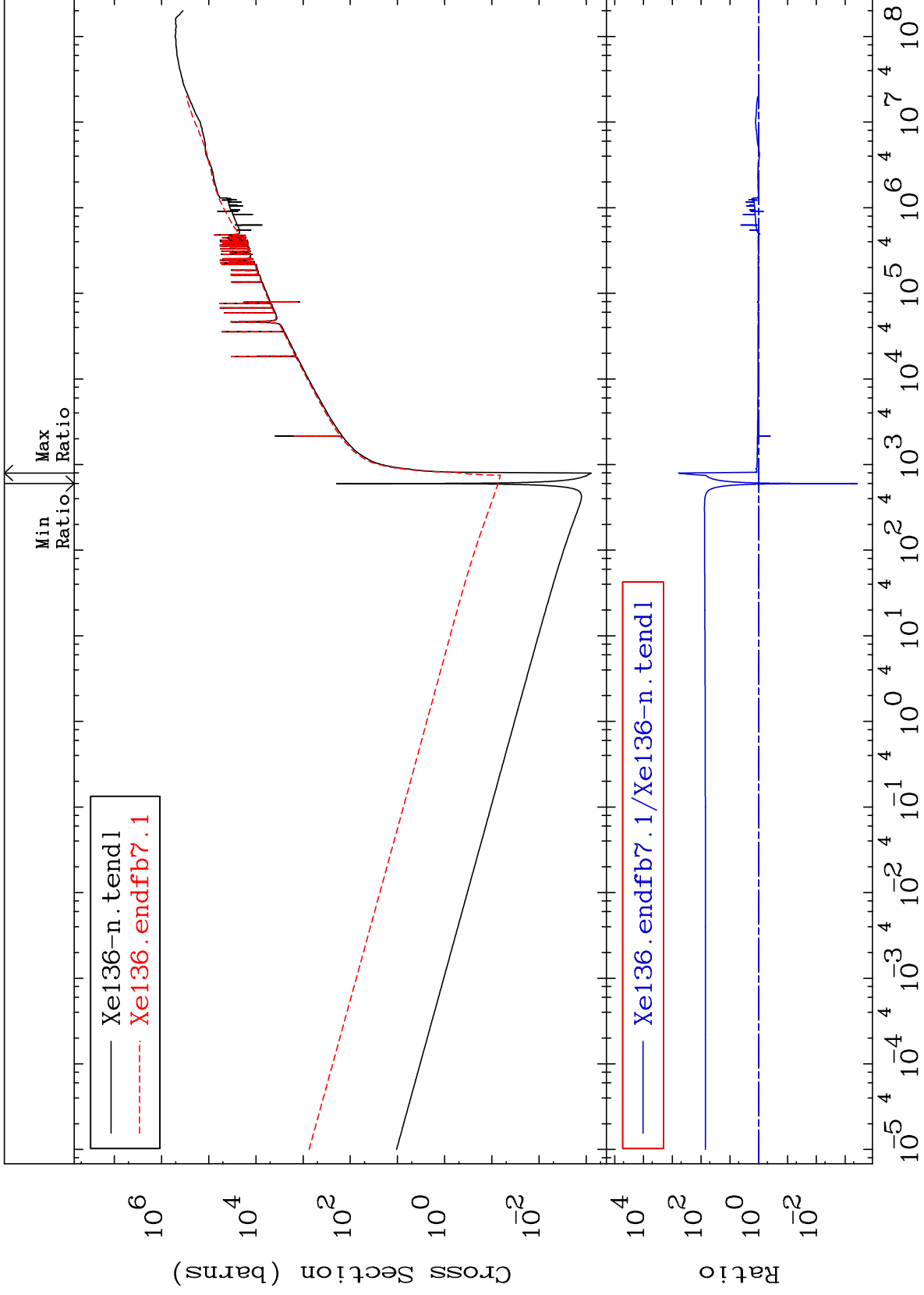
Incident Energy (eV)

54-Xe-136

MAT 5461

Dpa total (eV-barns)
Cross Section

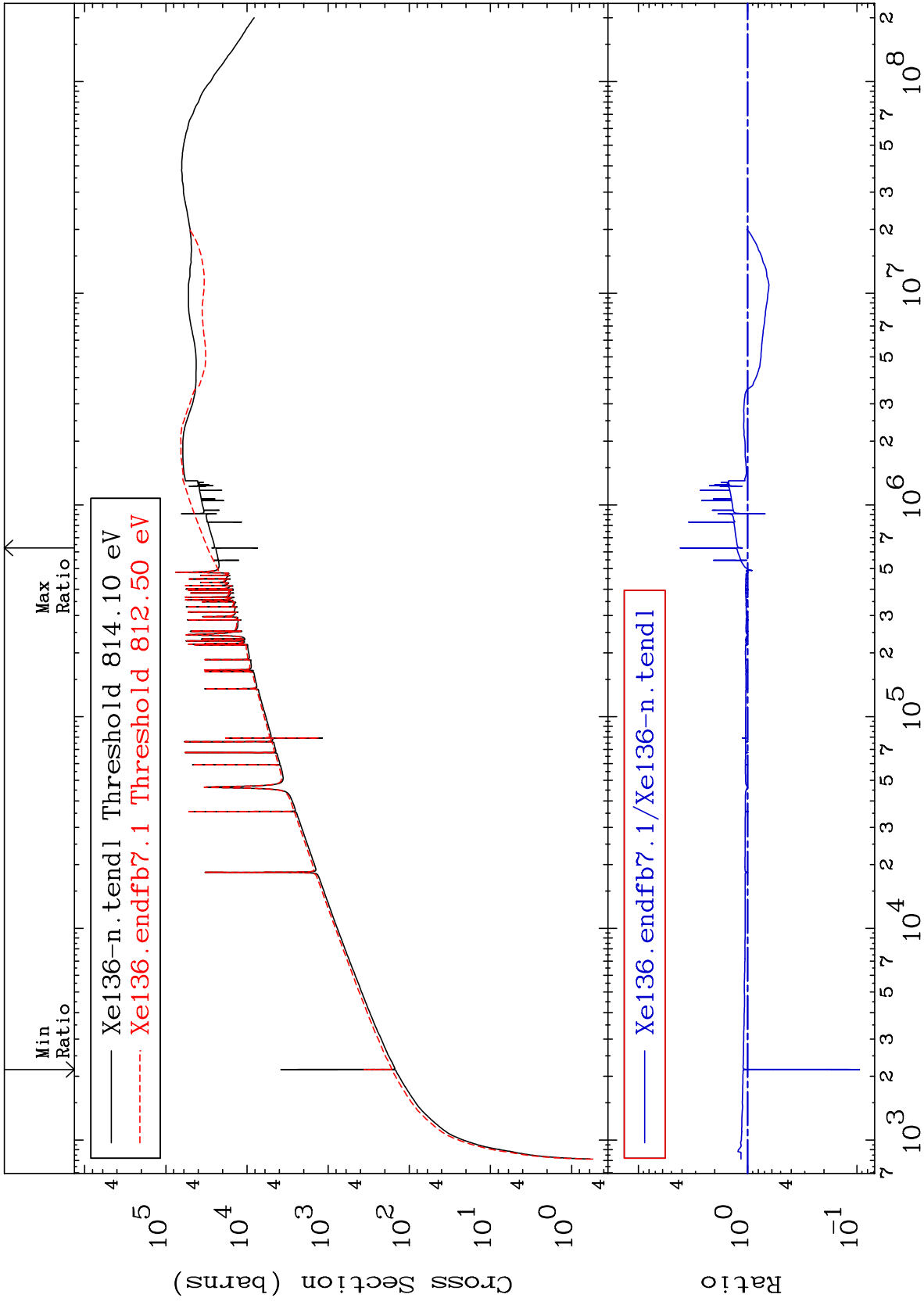
54-Xe-136
-99.96 To 9999. %



MAT 5461

Dpa elastic (mt2)
Cross Section

54-Xe-136
-90.51 To 313.4 %



43

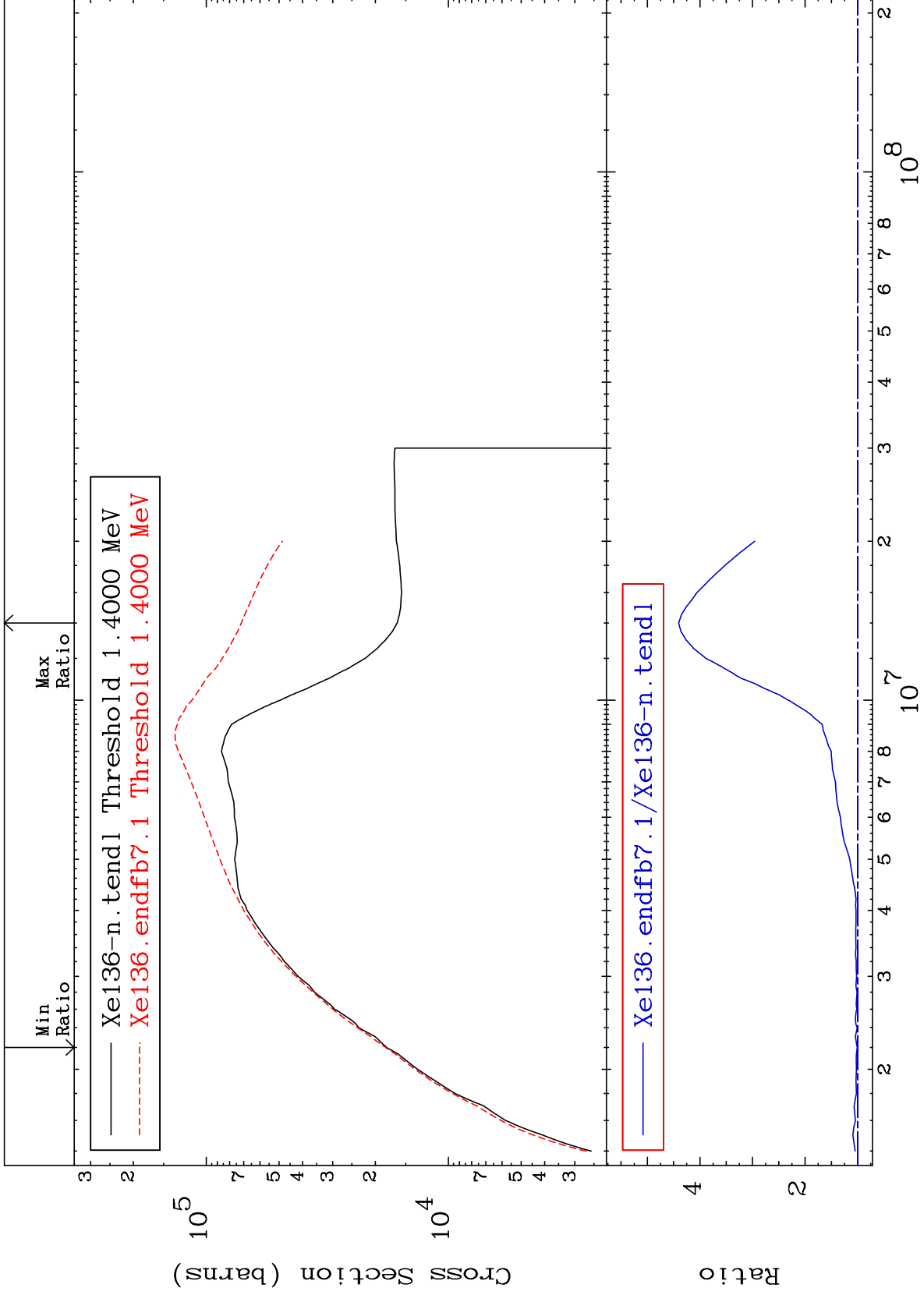
Incident Energy (eV)

54-Xe-136

MAT 5461

Dpa inelastic (mt51-91)
Cross Section

54-Xe-136
0.826 To 340.5 %



MAT 5461

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-136
-99.96 To 9999. %

