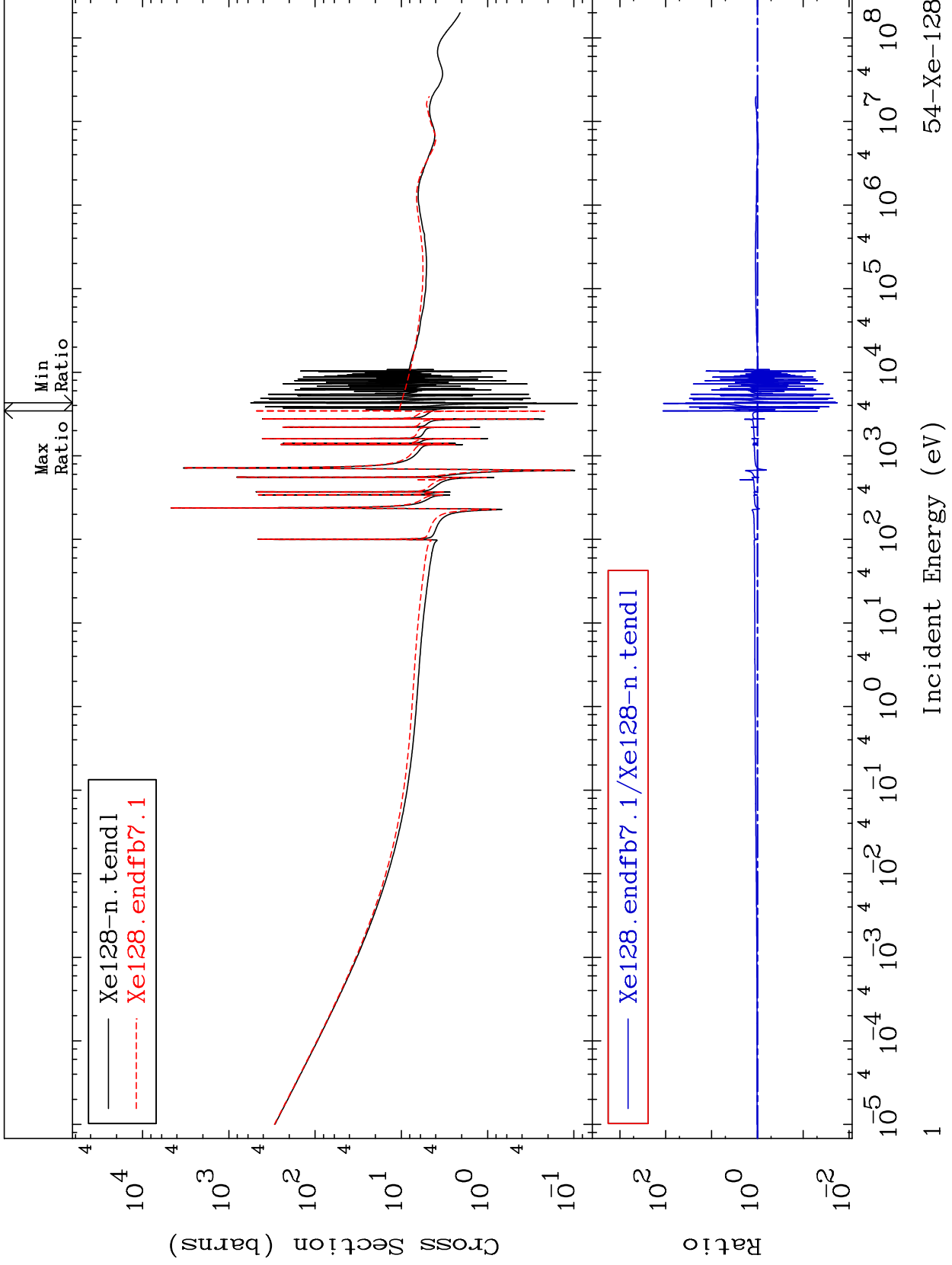


MAT 5437

Total
Cross Section

54-Xe-128
-98.20 To 9999. %



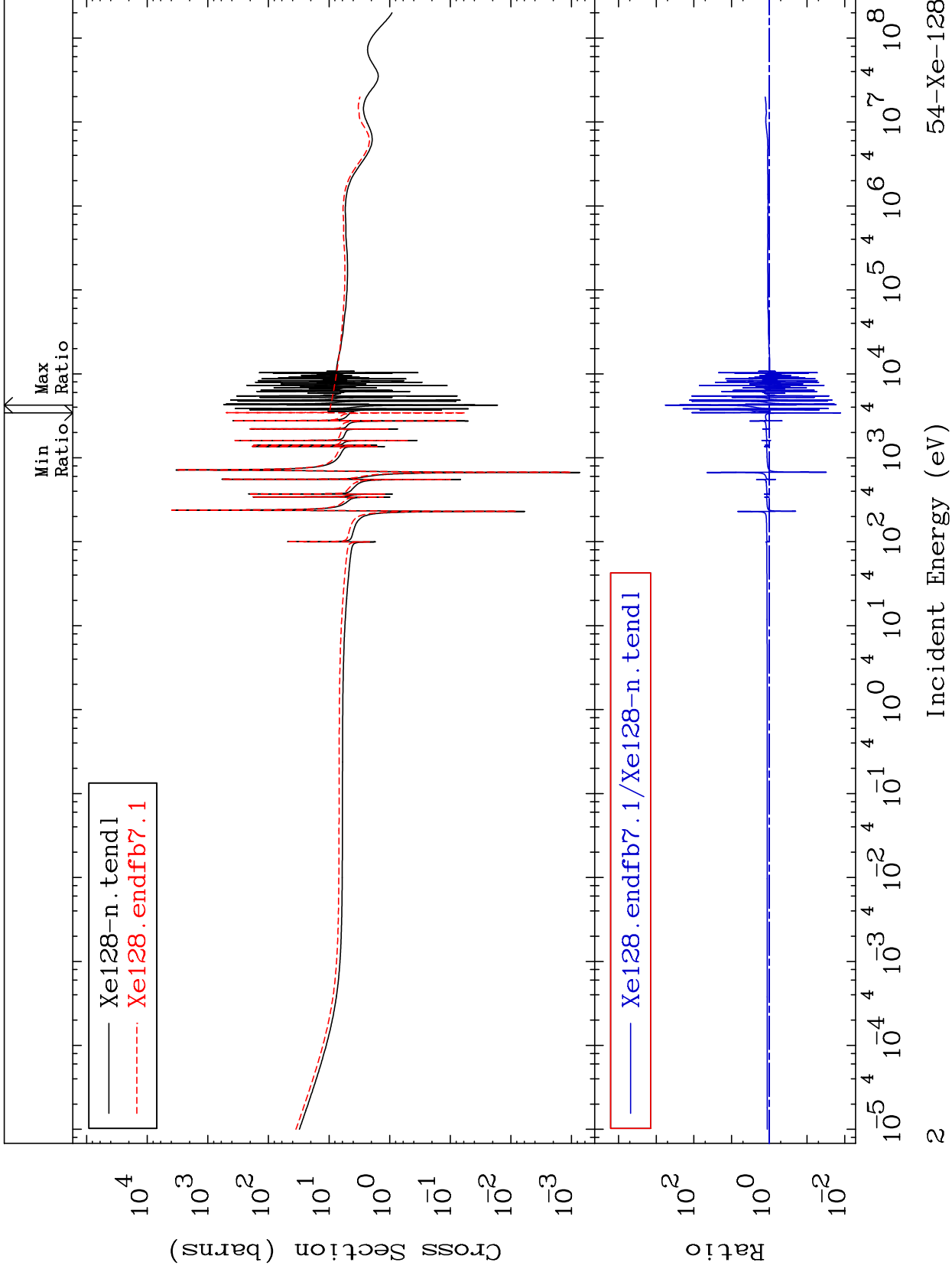
Incident Energy (eV)

54-Xe-128

MAT 5437

Elastic
Cross Section

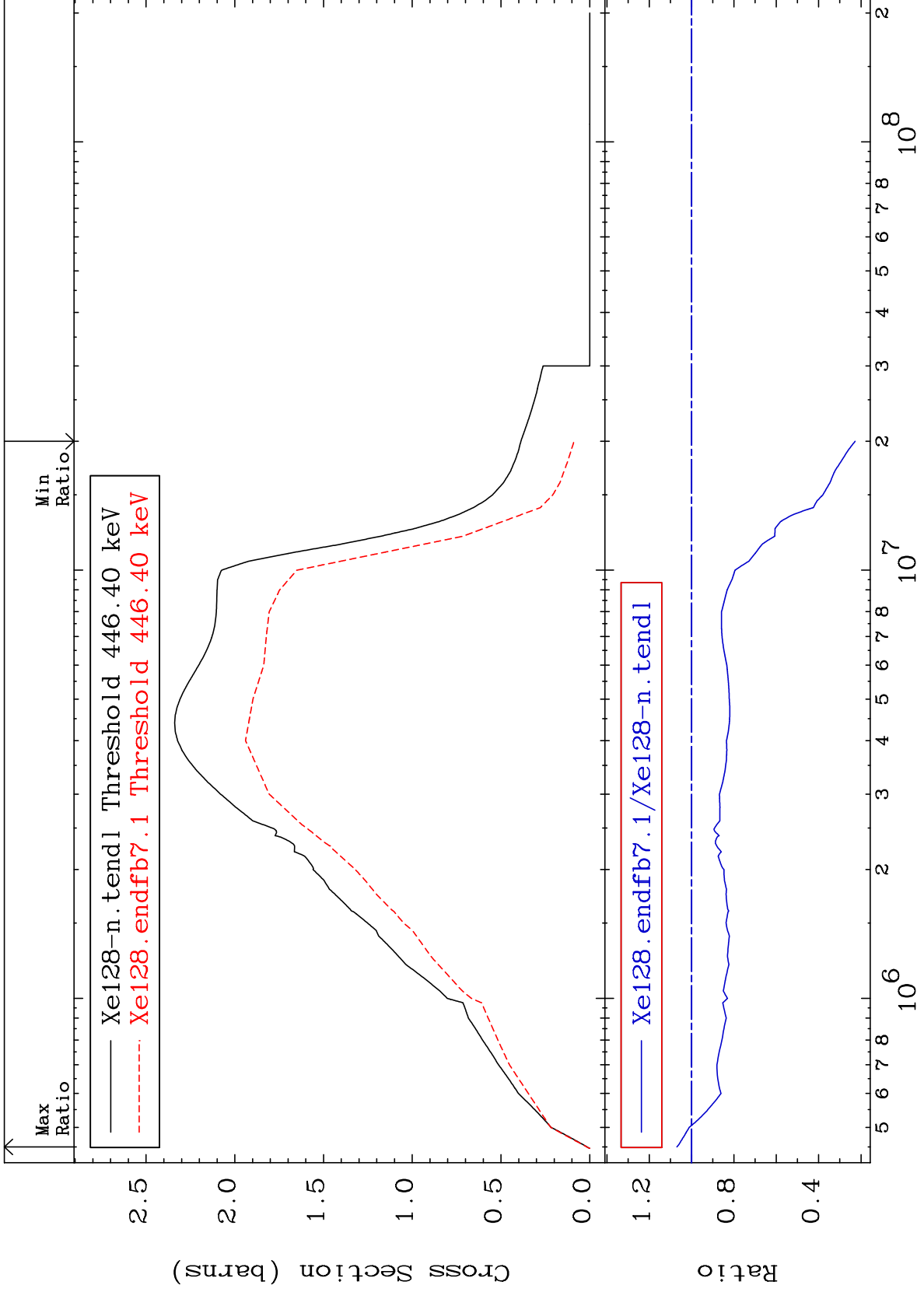
54-Xe-128
-98.72 To 9999. %



MAT 5437

Inelastic
Cross Section

54-Xe-128
-77.21 To 6.926 %



3

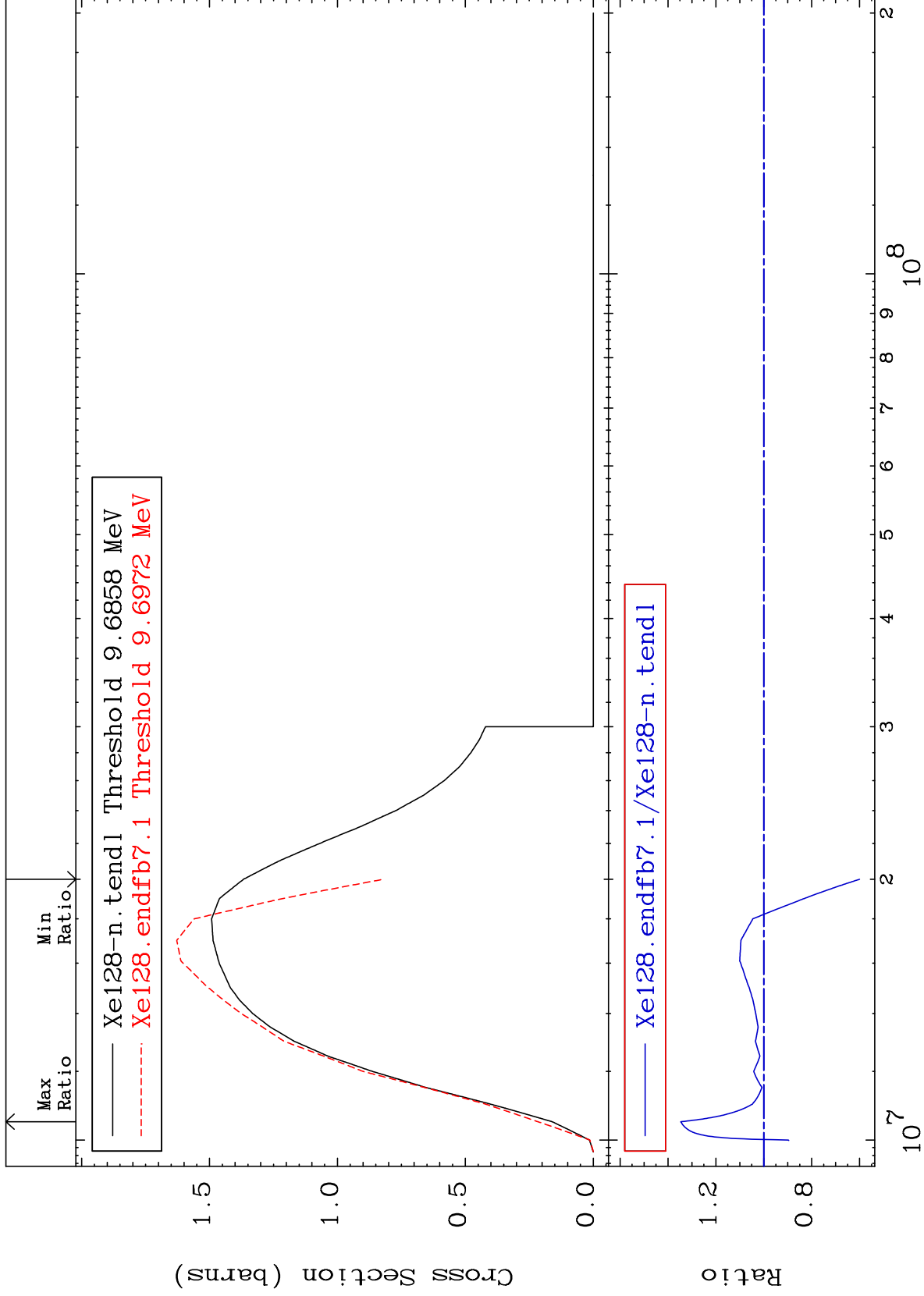
Incident Energy (eV)

54-Xe-128

MAT 5437

(n,2n)
Cross Section

54-Xe-128
-39.98 To 34.65 %



4

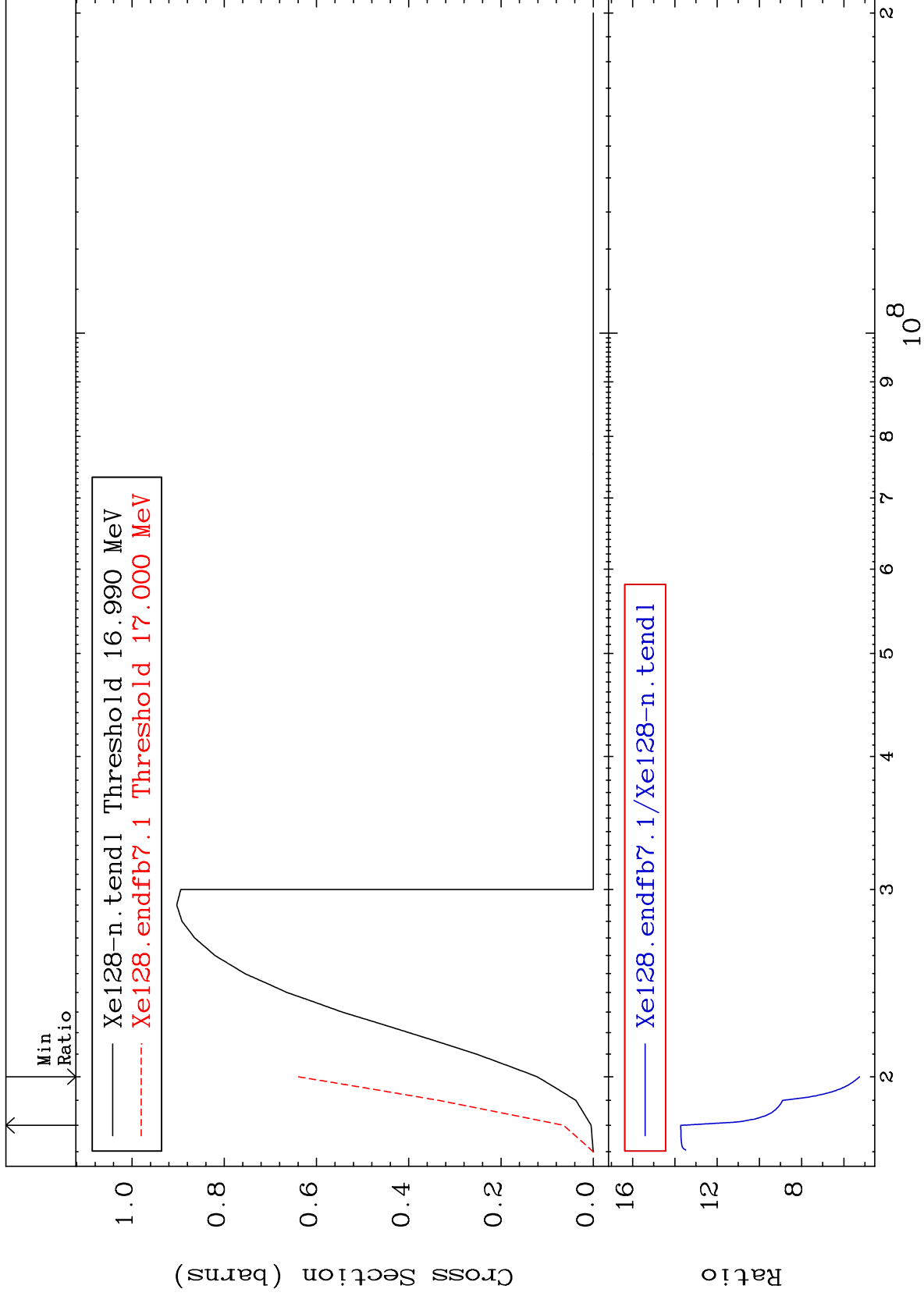
Incident Energy (eV)

54-Xe-128

MAT 5437

(n,3n)
Cross Section

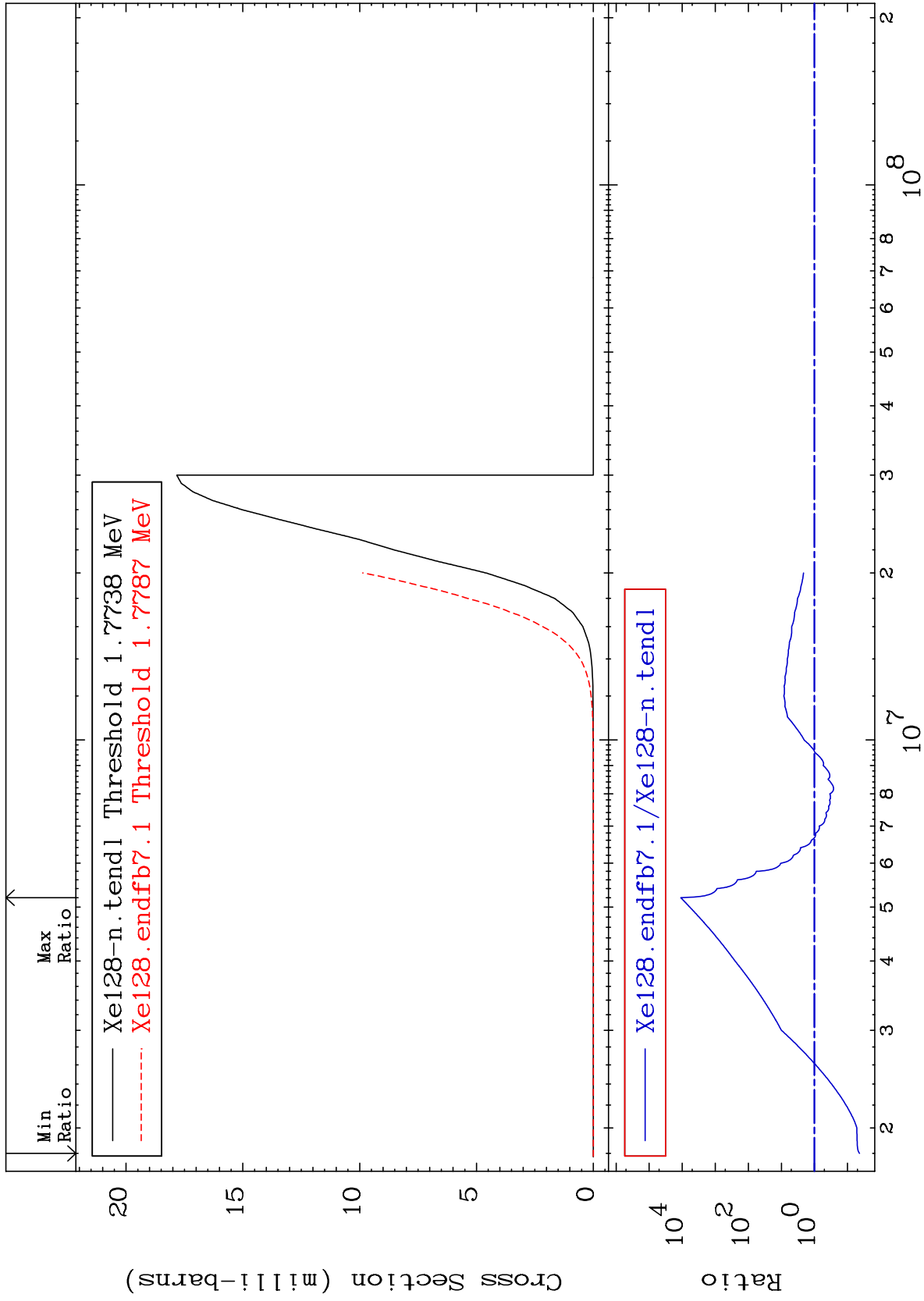
54-Xe-128
426.0 To 1272. %



MAT 5437

(n, n') α
Cross Section

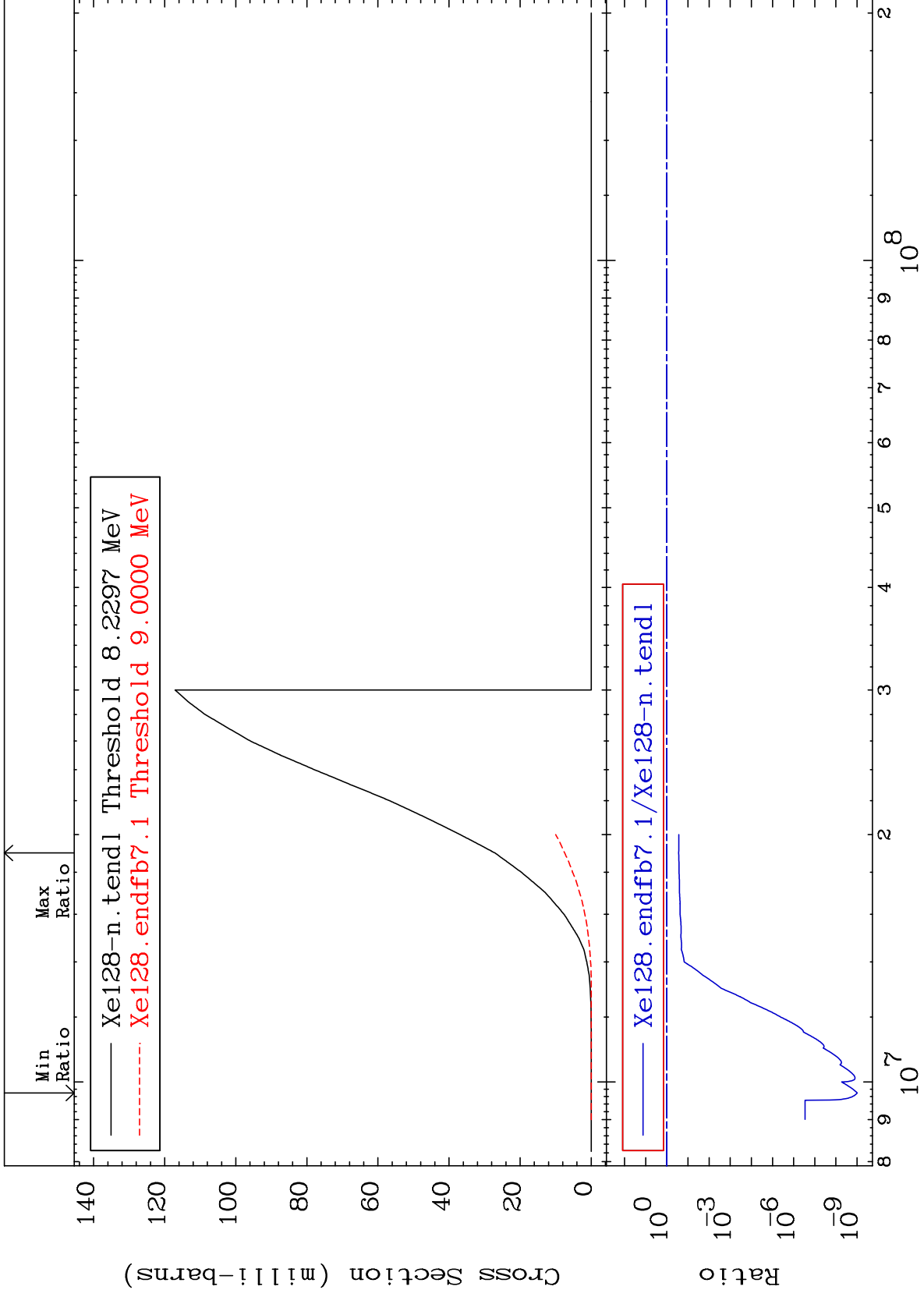
54-Xe-128
-95.68 To 9999. %



MAT 5437

(n, n') p
Cross Section

54-Xe-128
-100.0 To -72.37%



Incident Energy (eV)

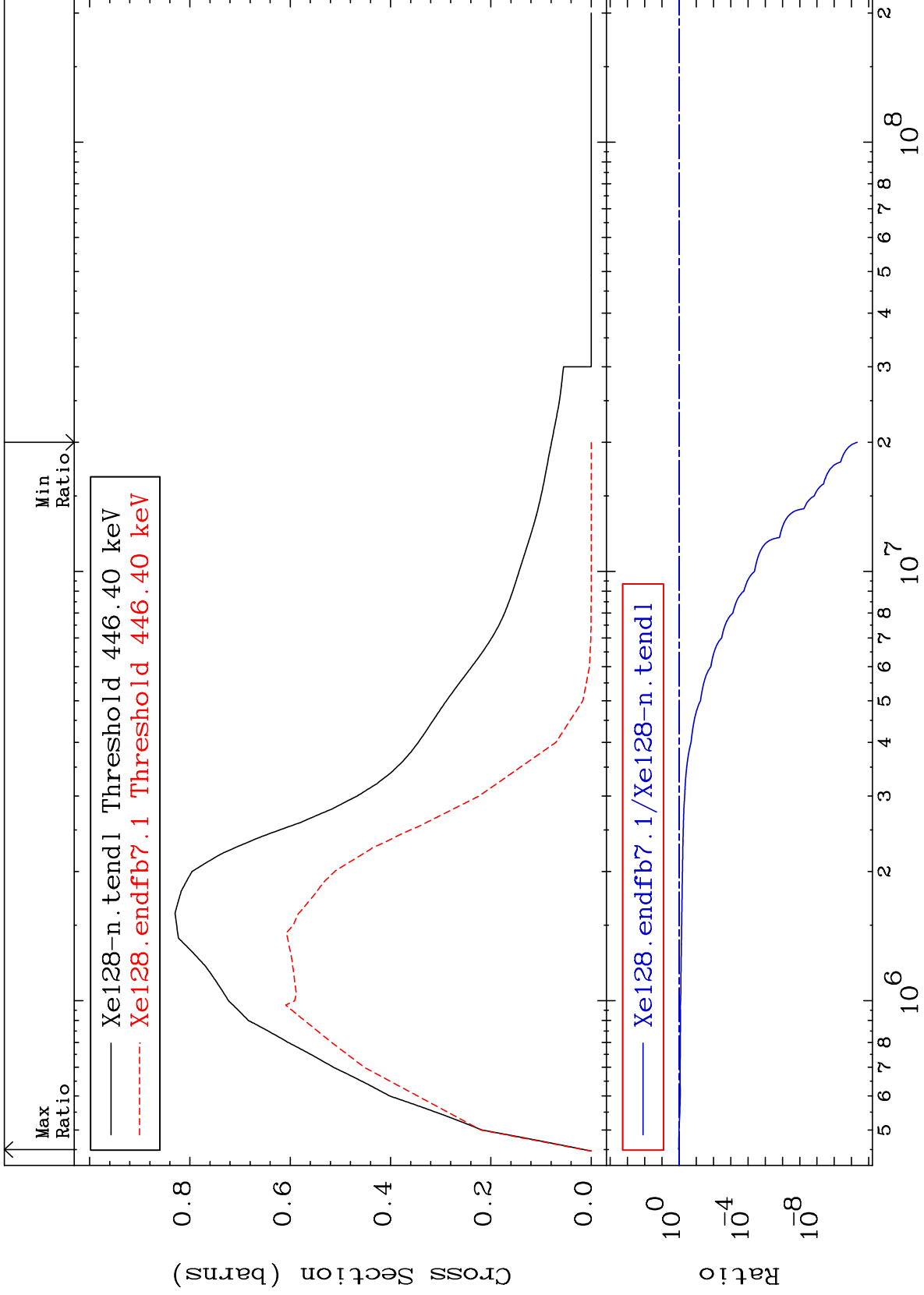
54-Xe-128

7

MAT 5437

442.9 keV (n,n') Level
Cross Section

54-Xe-128
-100.0 To 6.926 %



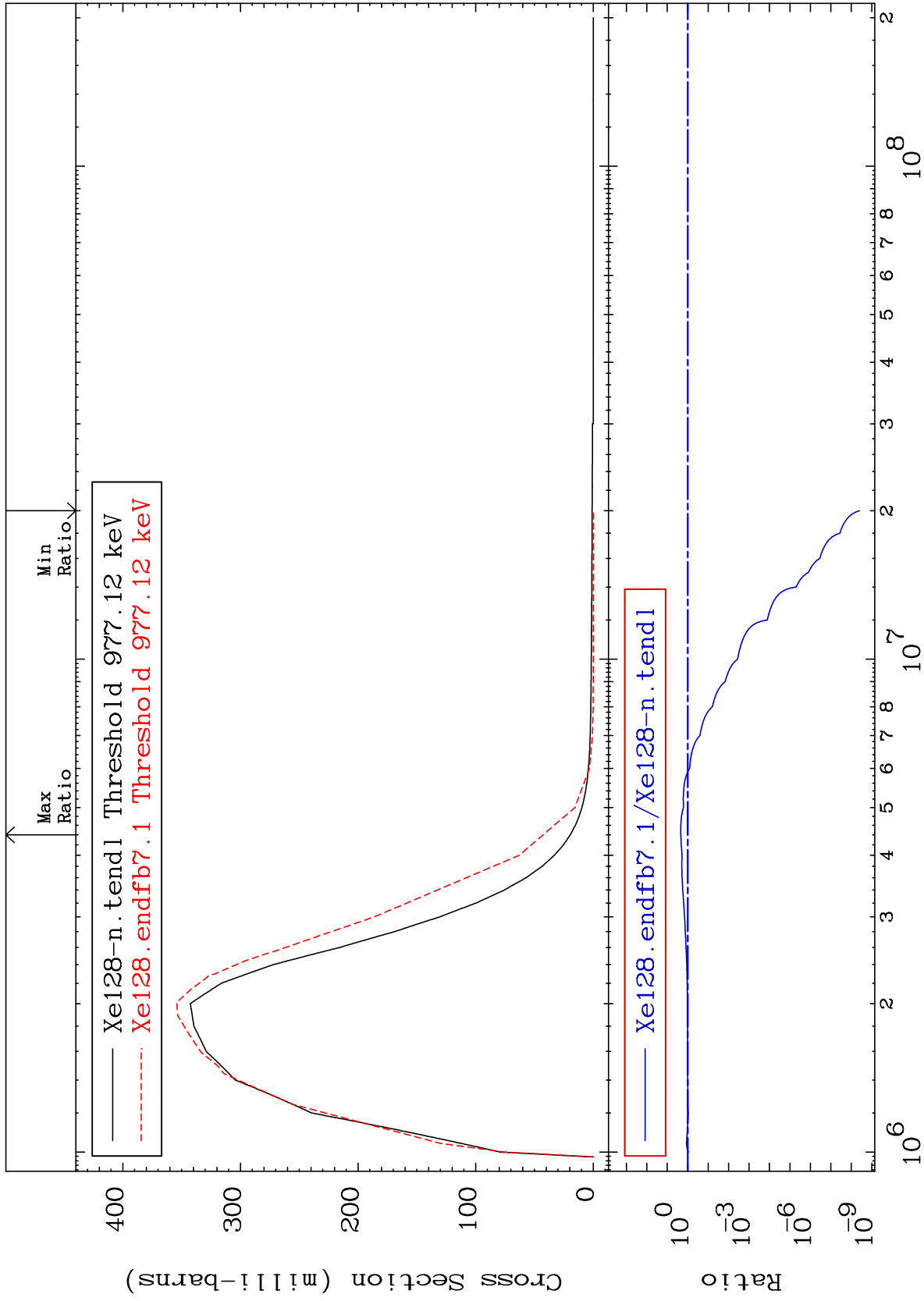
MAT 5437

969.5 keV (n,n') Level

54-Xe-128

-100.0 To 118.5 %

Cross Section



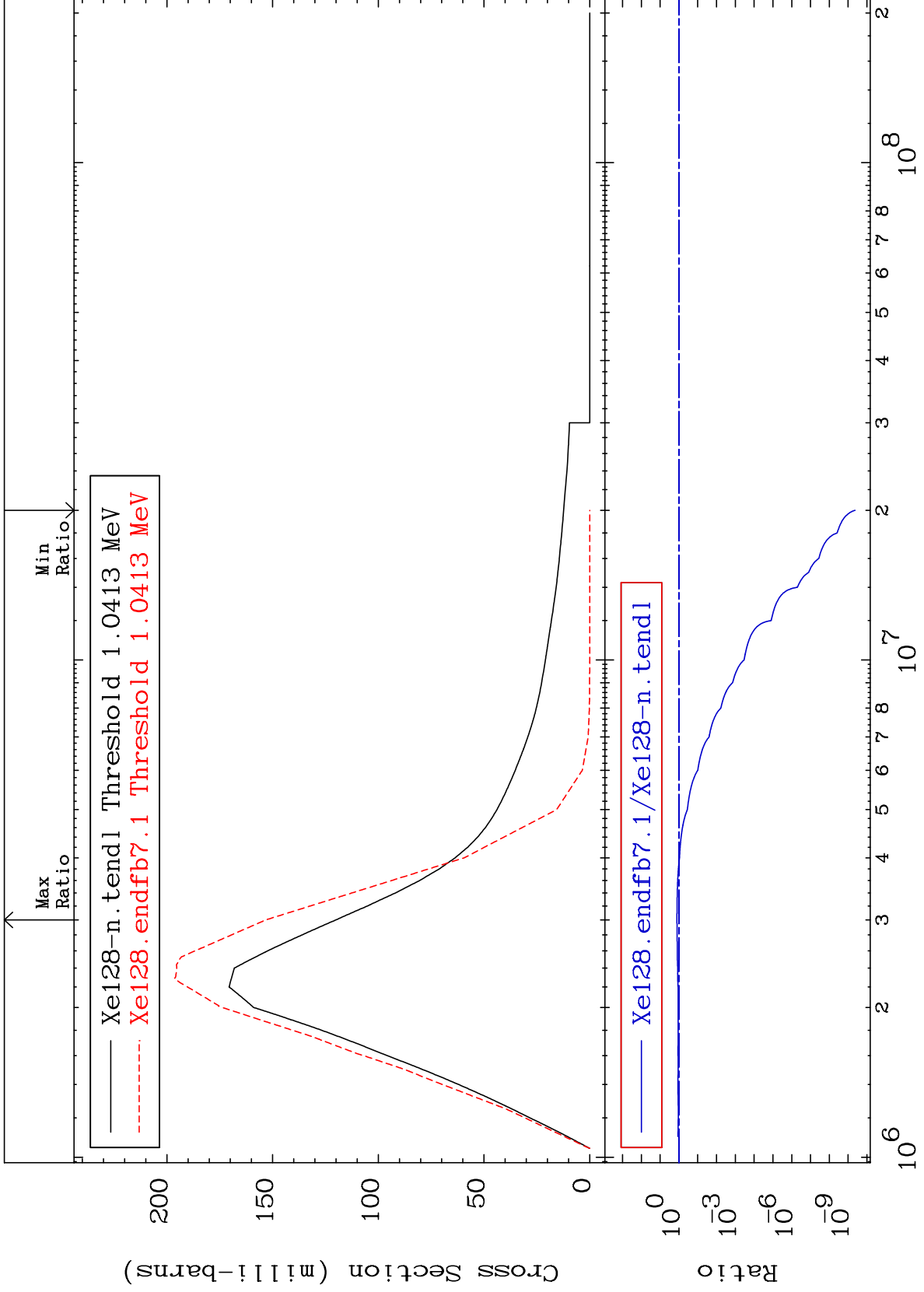
Incident Energy (eV)

54-Xe-128

MAT 5437

1.033 MeV (n,n') Level
Cross Section

54-Xe-128
-100.0 To 27.63 %



10

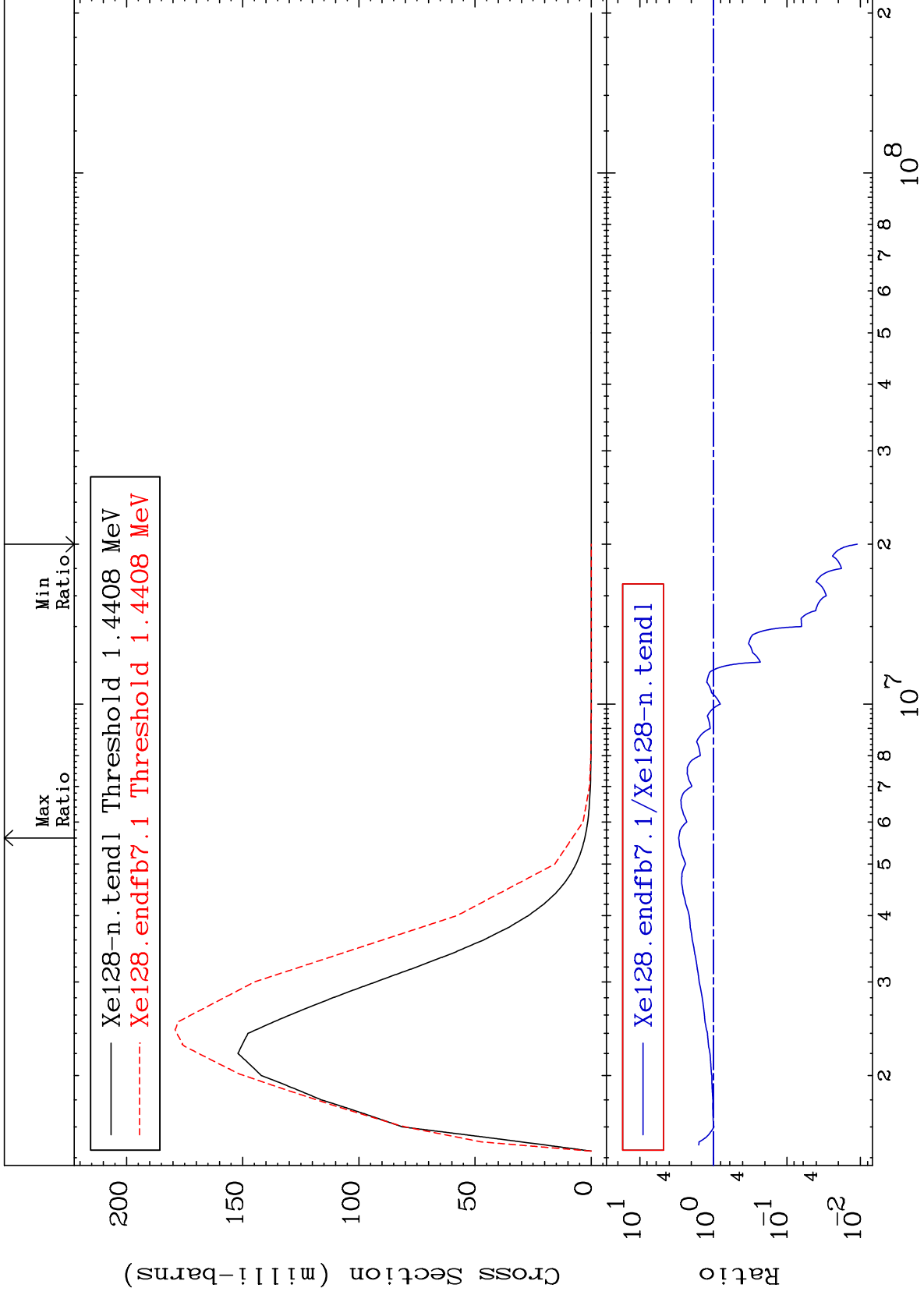
Incident Energy (eV)

54-Xe-128

MAT 5437

1.430 MeV (n,n') Level
Cross Section

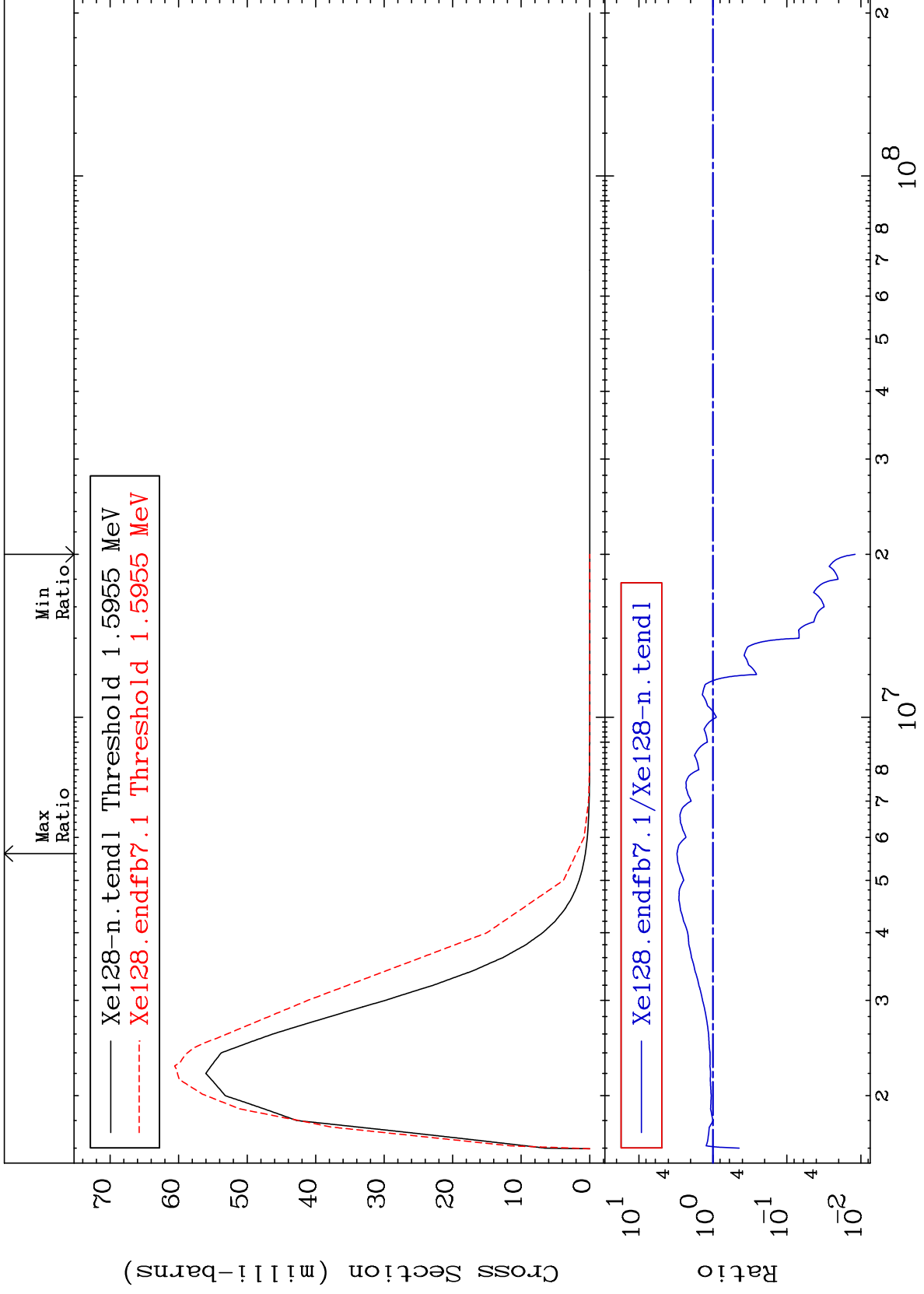
54-Xe-128
-98.89 To 197.2 %



MAT 5437

1.583 MeV (n,n') Level
Cross Section

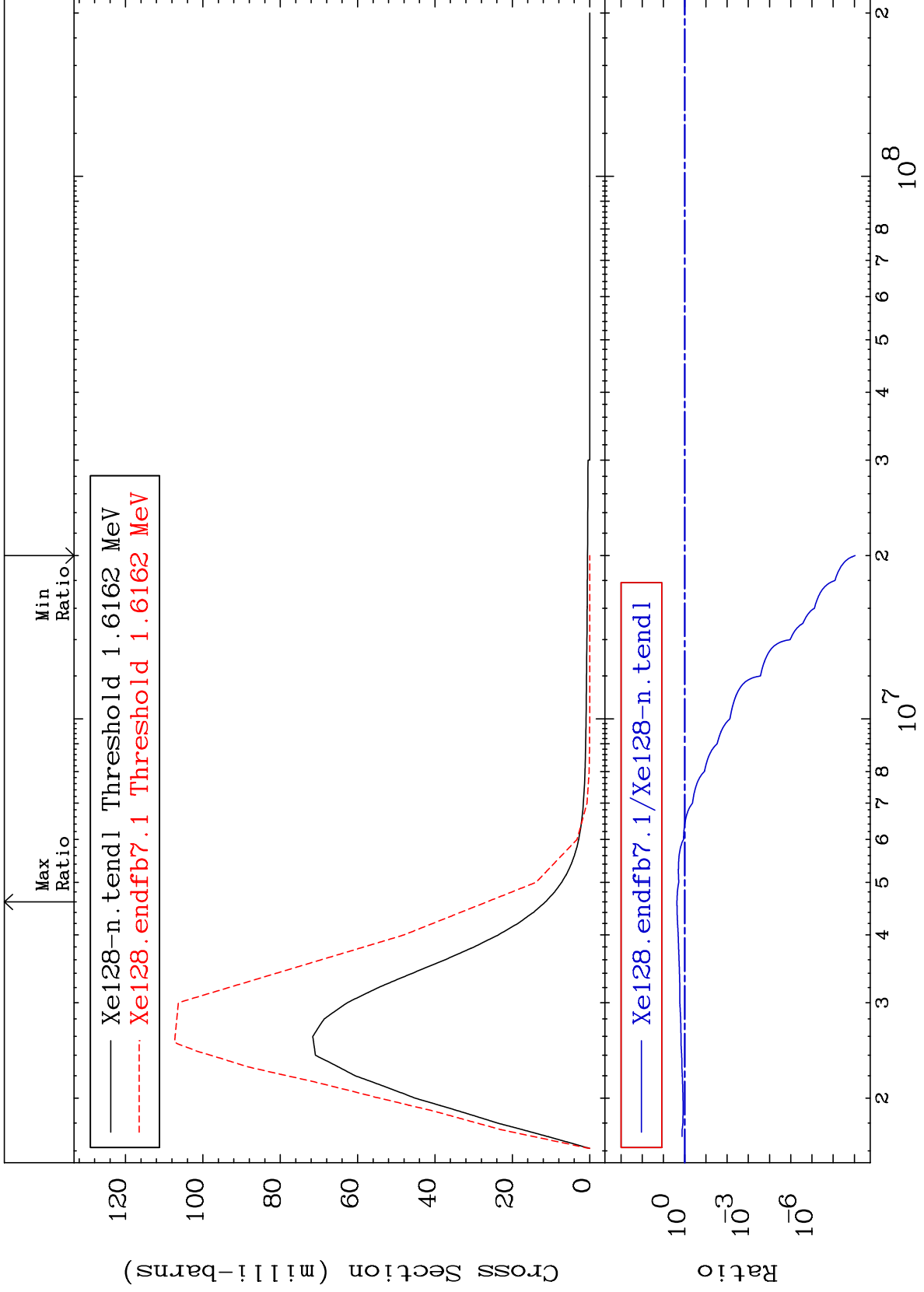
54-Xe-128
-98.80 To 205.9 %



MAT 5437

1.604 MeV (n,n') Level
Cross Section

54-Xe-128
-100.0 To 132.6 %

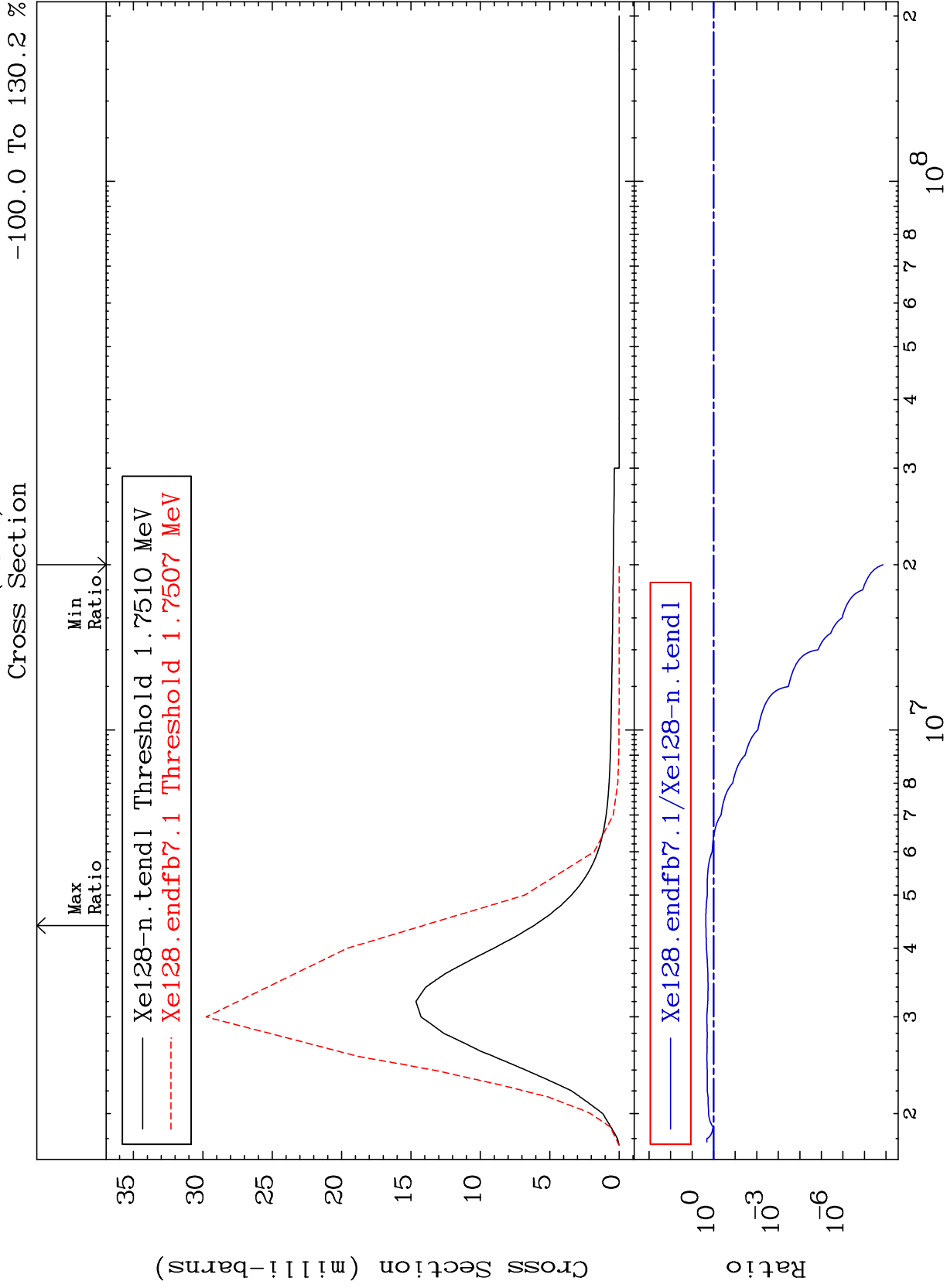


MAT 5437

1.737 MeV (n,n') Level

54-Xe-128

-100.0 To 130.2 %



14

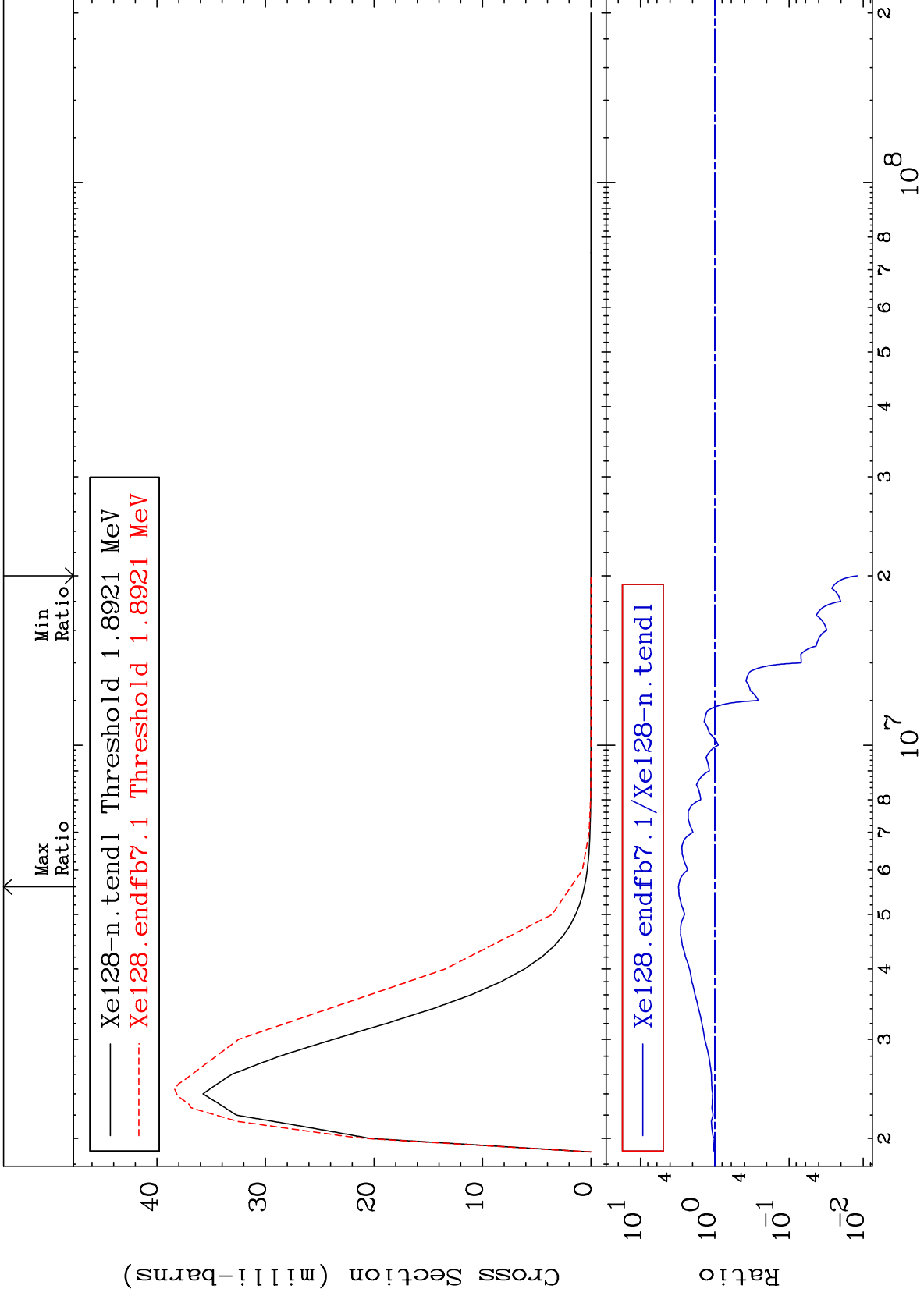
Incident Energy (eV)

54-Xe-128

MAT 5437

1.877 MeV (n,n') Level
Cross Section

54-Xe-128
-98.79 To 209.0 %



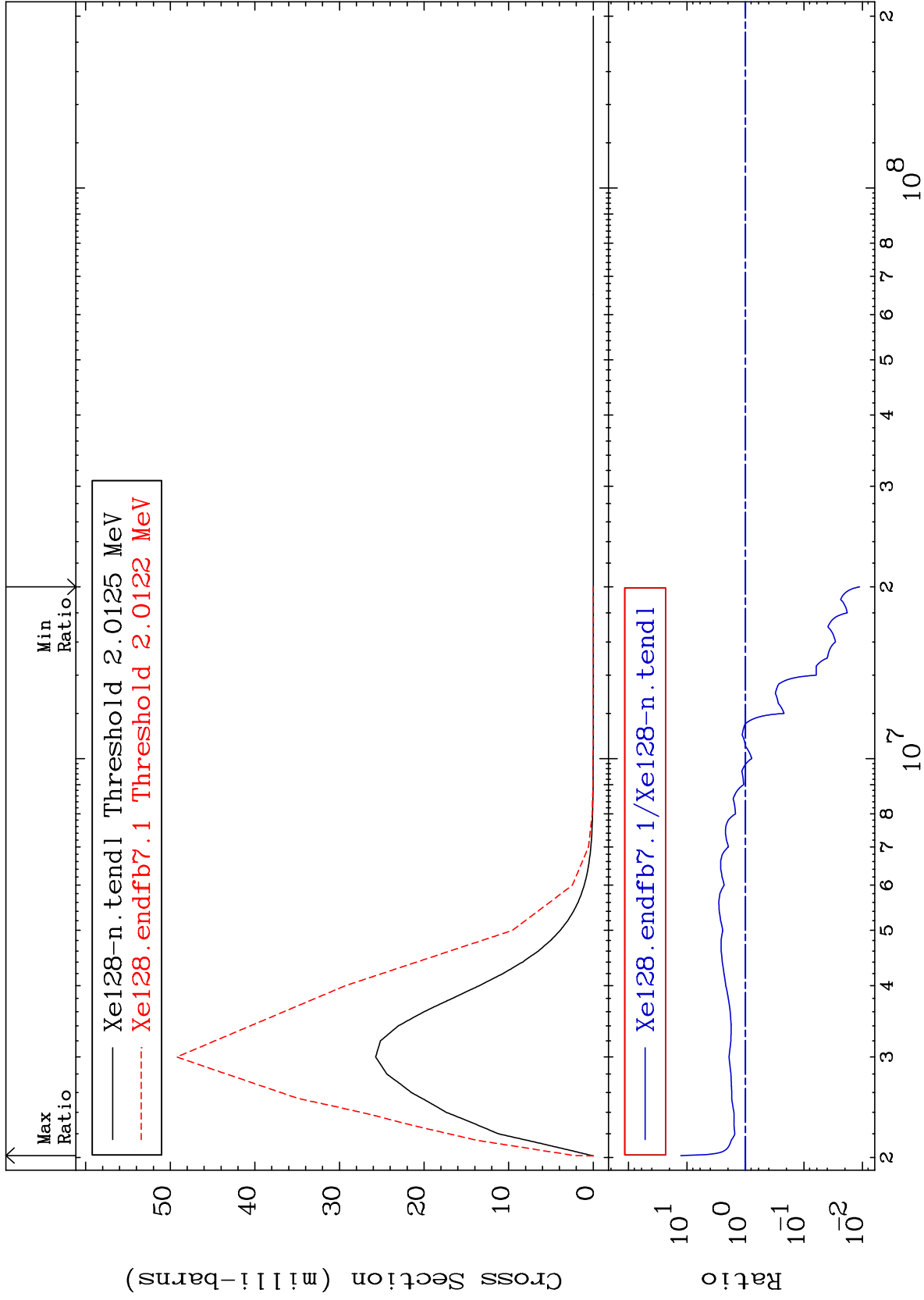
MAT 5437

1.997 MeV (n,n') Level

54-Xe-128

-98.88 To 1180. %

Cross Section



16

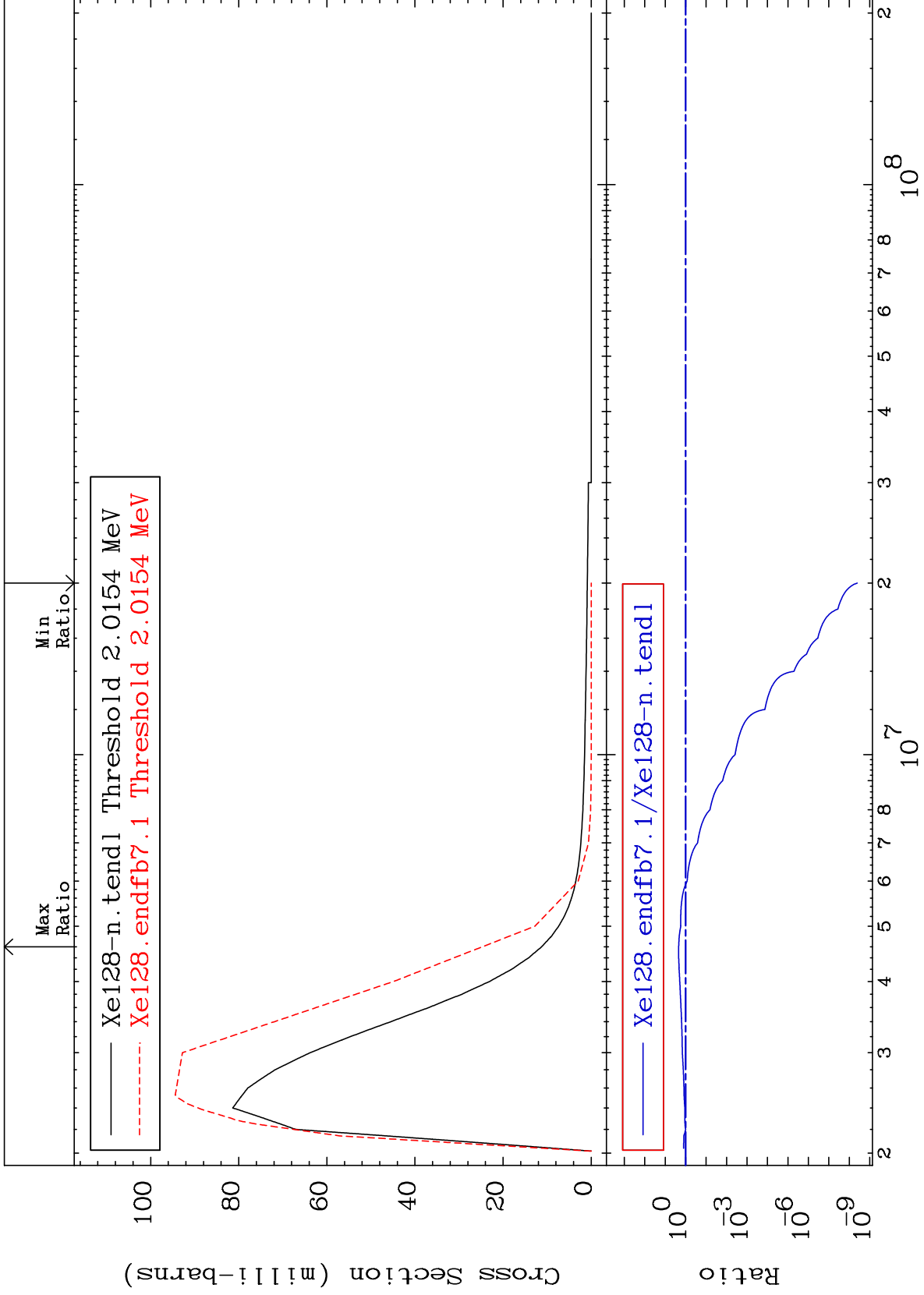
Incident Energy (eV)

54-Xe-128

MAT 5437

2.000 MeV (n,n') Level
Cross Section

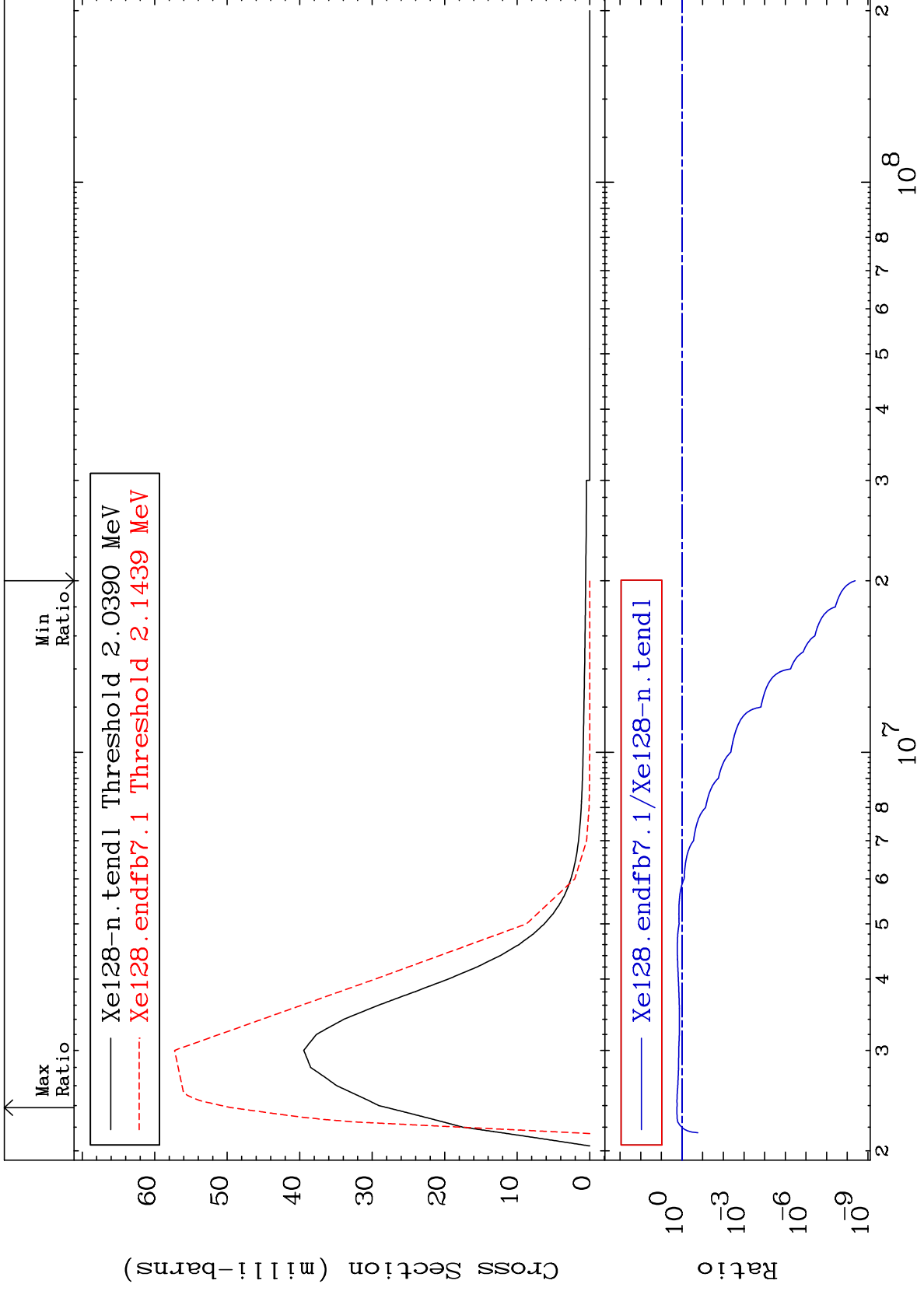
54-Xe-128
-100.0 To 119.8 %

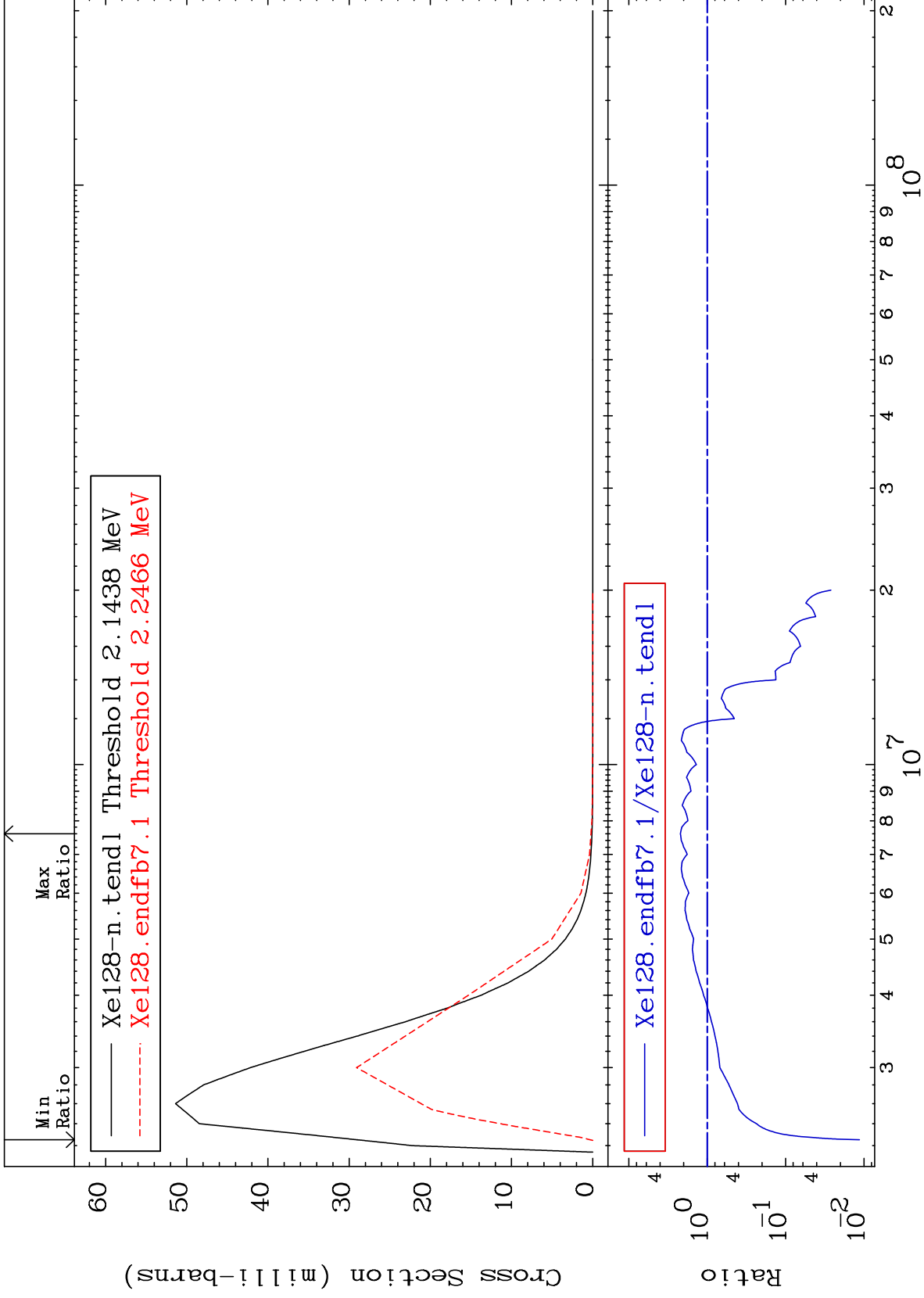


MAT 5437

2.023 MeV (n,n') Level
Cross Section

54-Xe-128
-100.0 To 77.07 %

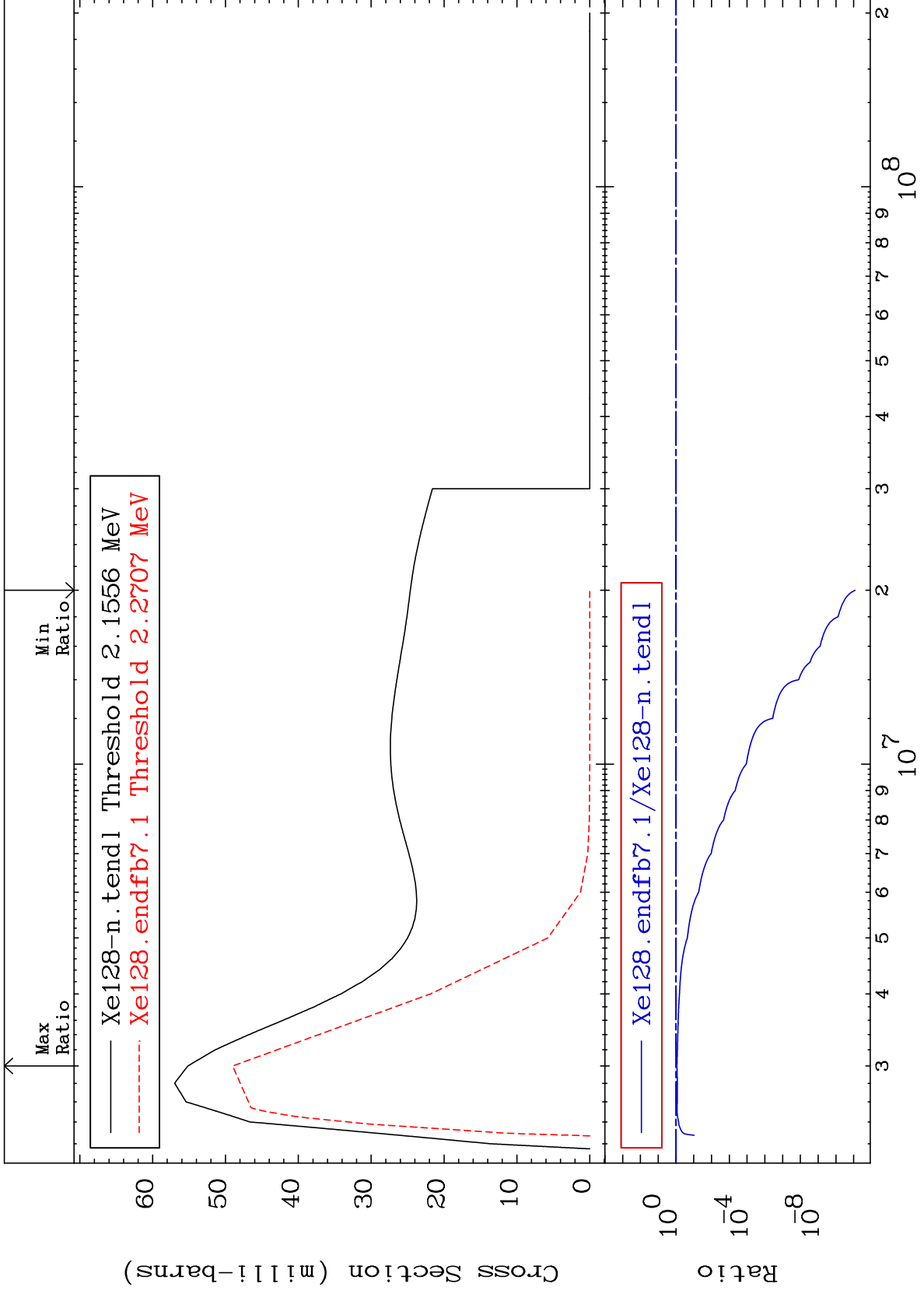




MAT 5437

2.139 MeV (n,n') Level
Cross Section

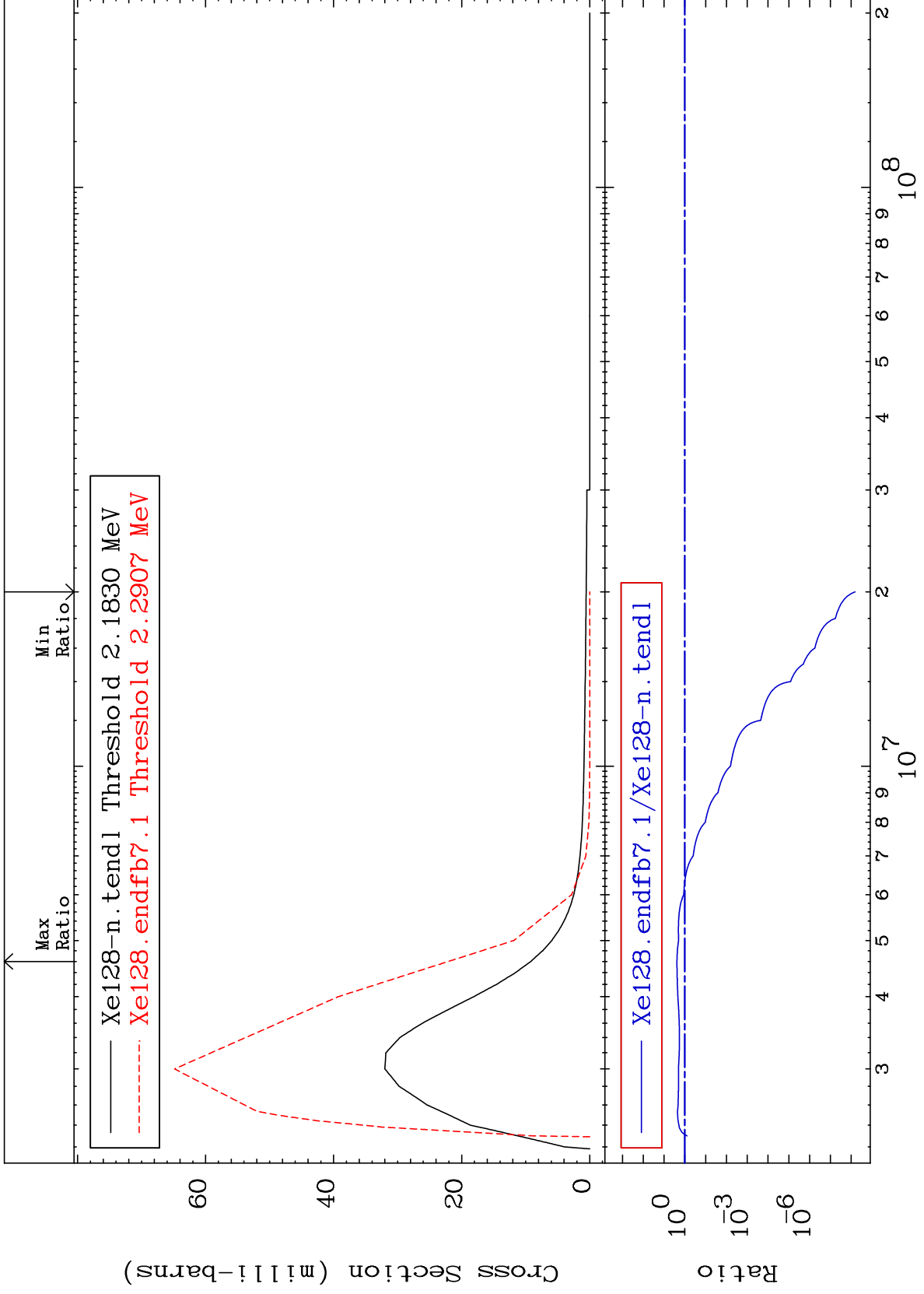
54-Xe-128
-100.0 To -11.14%



MAT 5437

2.166 MeV (n,n') Level
Cross Section

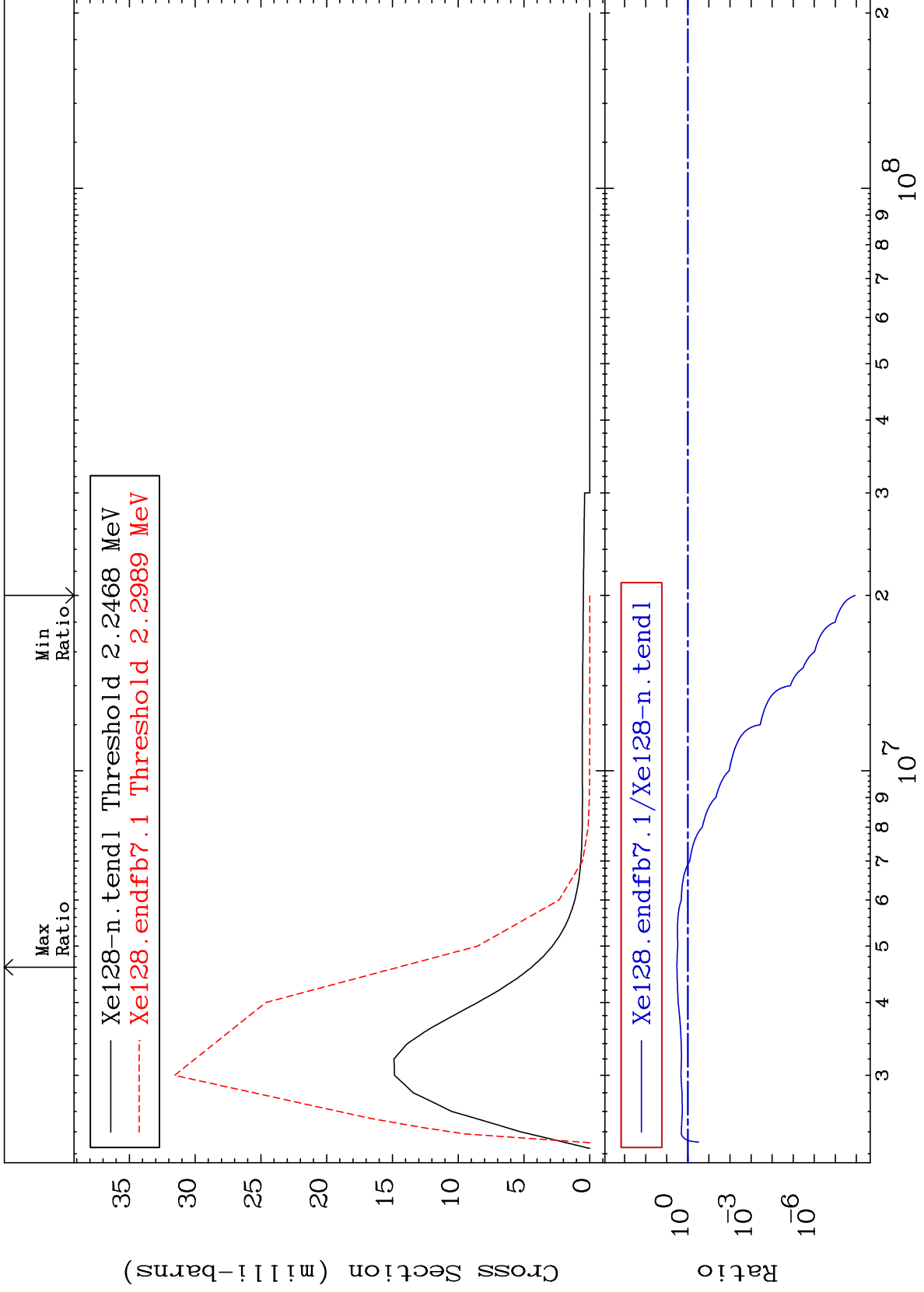
54-Xe-128
-100.0 To 140.0 %



MAT 5437

2.229 MeV (n,n') Level
Cross Section

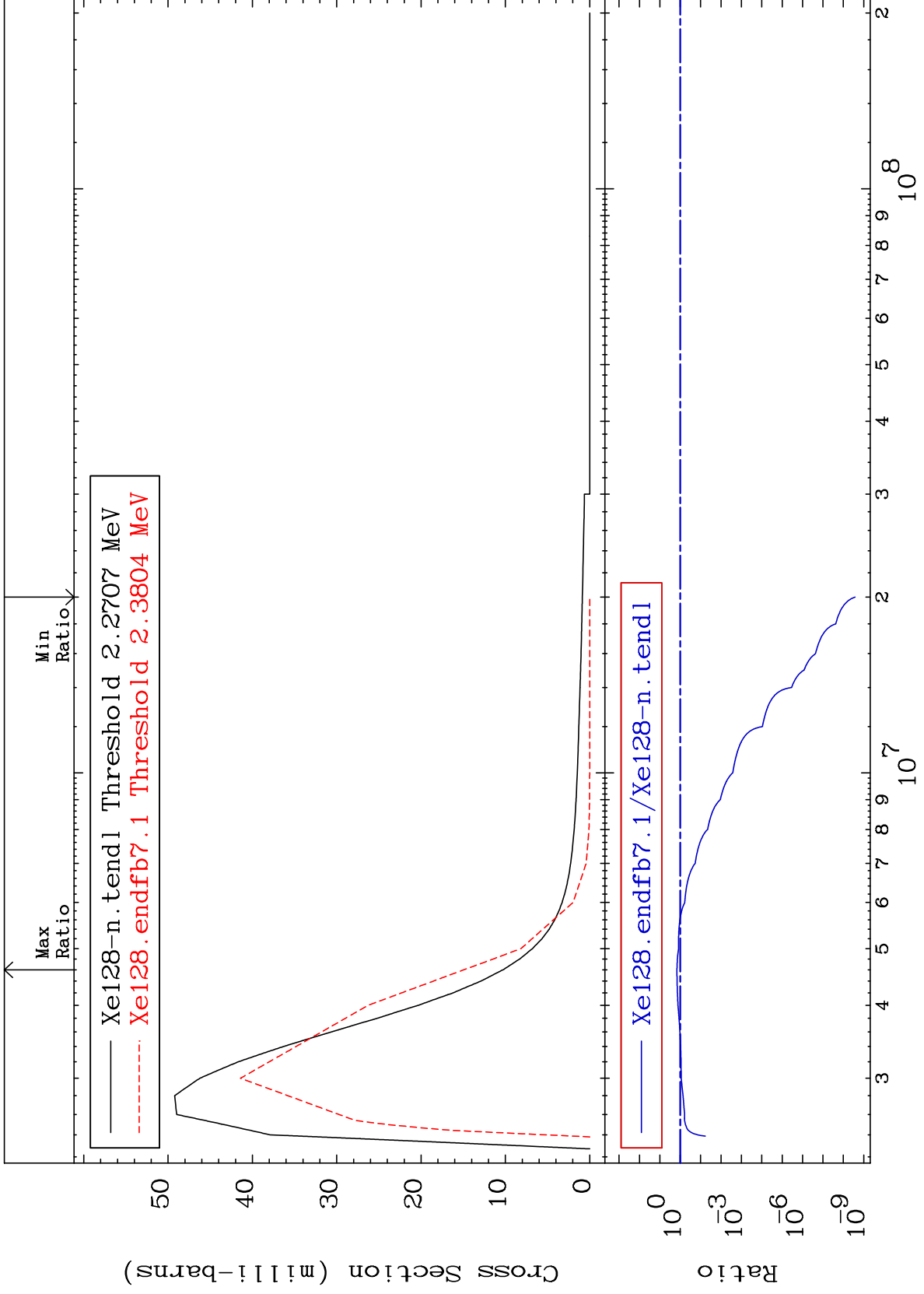
54-Xe-128
-100.0 To 230.3 %



MAT 5437

2.253 MeV (n,n') Level
Cross Section

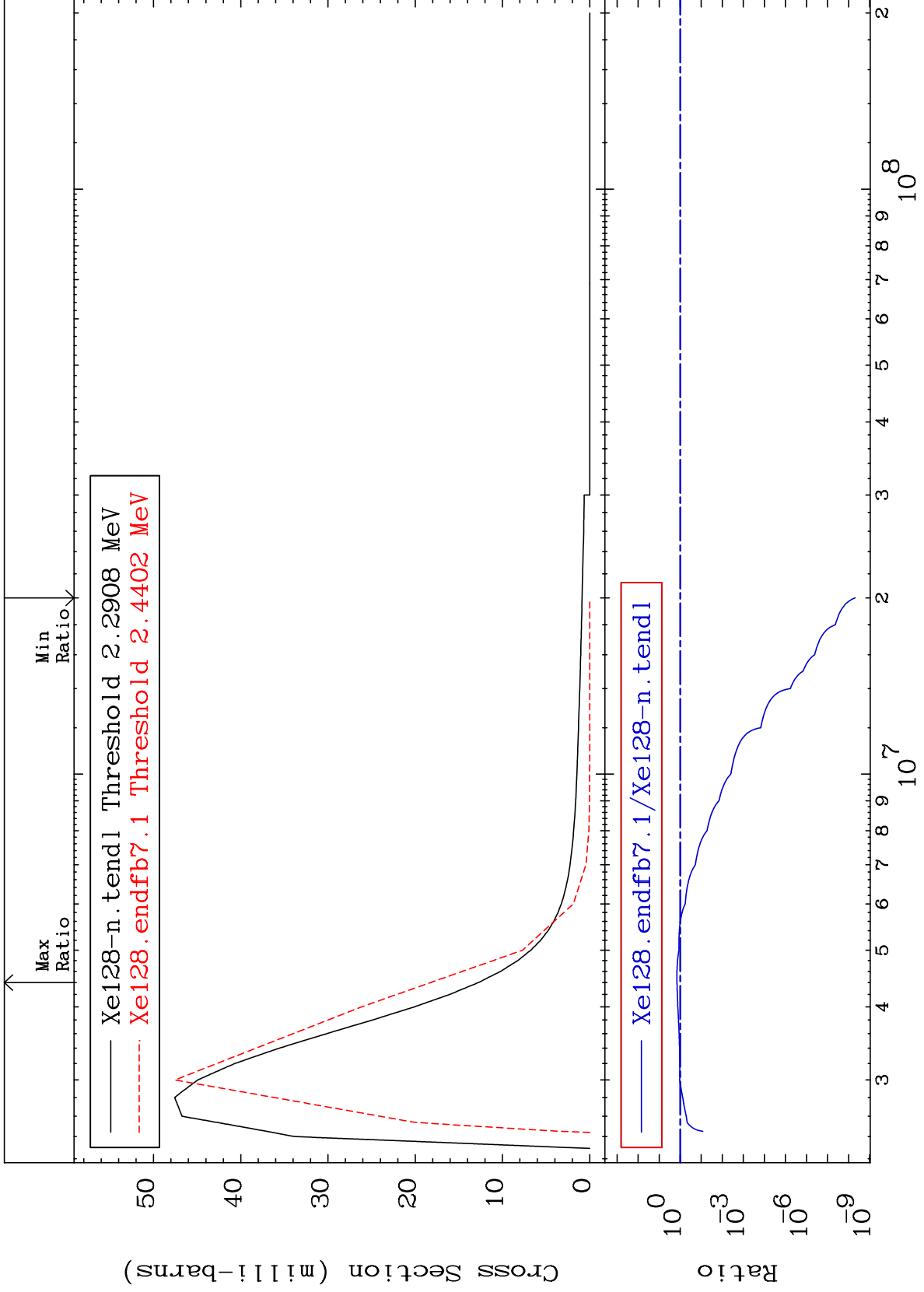
54-Xe-128
-100.0 To 45.08 %



MAT 5437

2.273 MeV (n,n') Level
Cross Section

54-Xe-128
-100.0 To 42.99 %



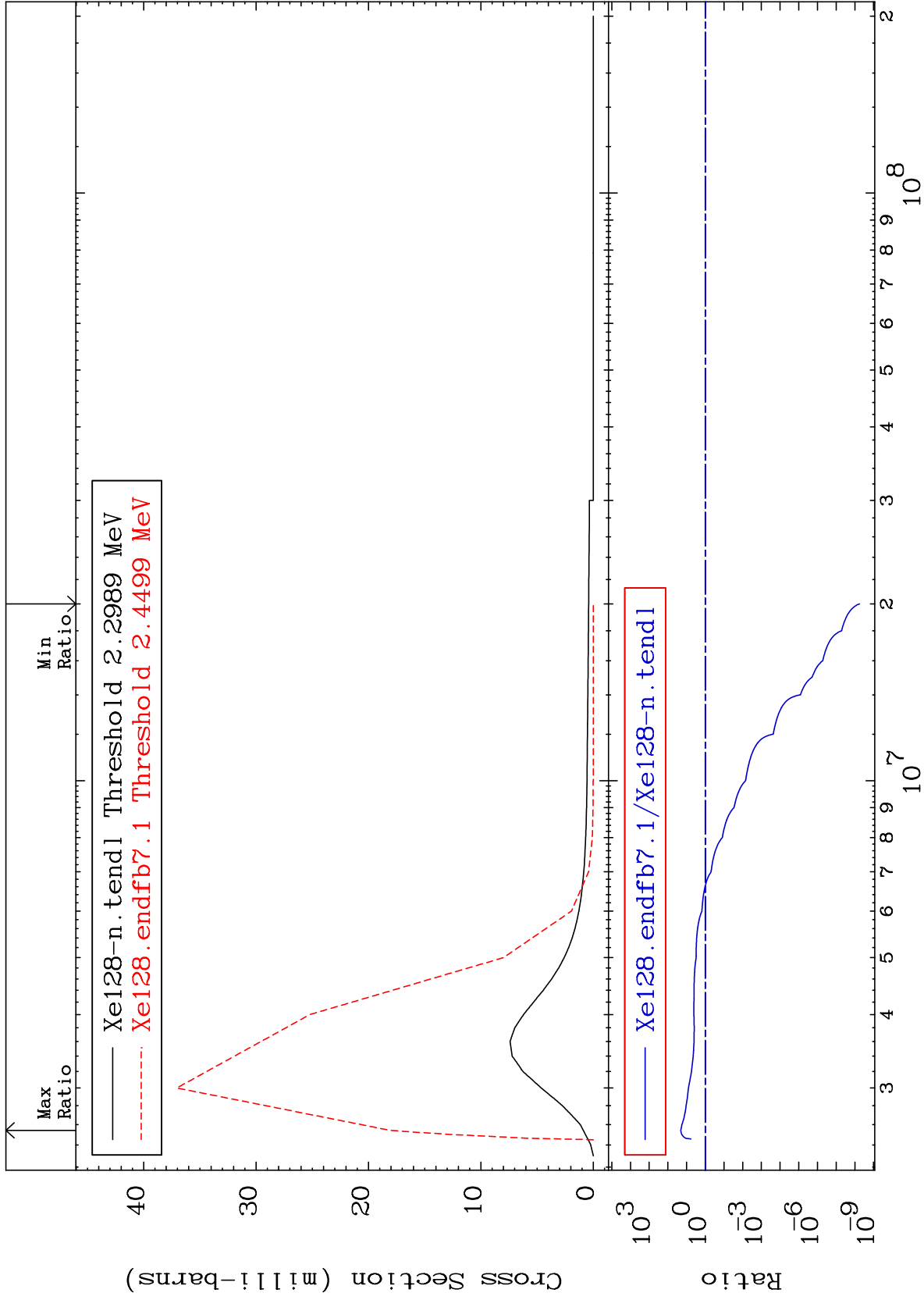
MAT 5437

2.281 MeV (n,n') Level

54-Xe-128

-100.0 To 1946. %

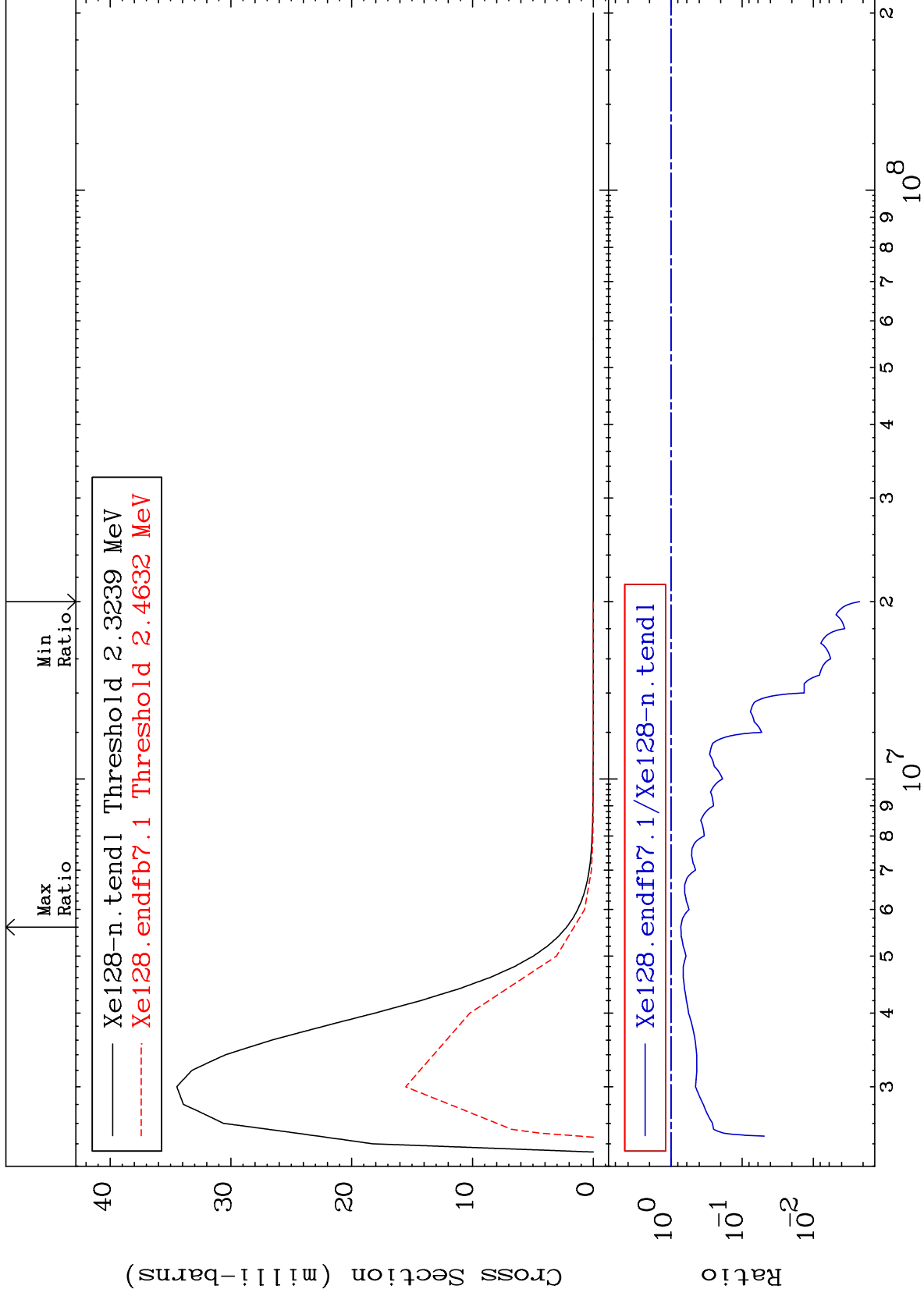
Cross Section



MAT 5437

2.306 MeV (n,n') Level
Cross Section

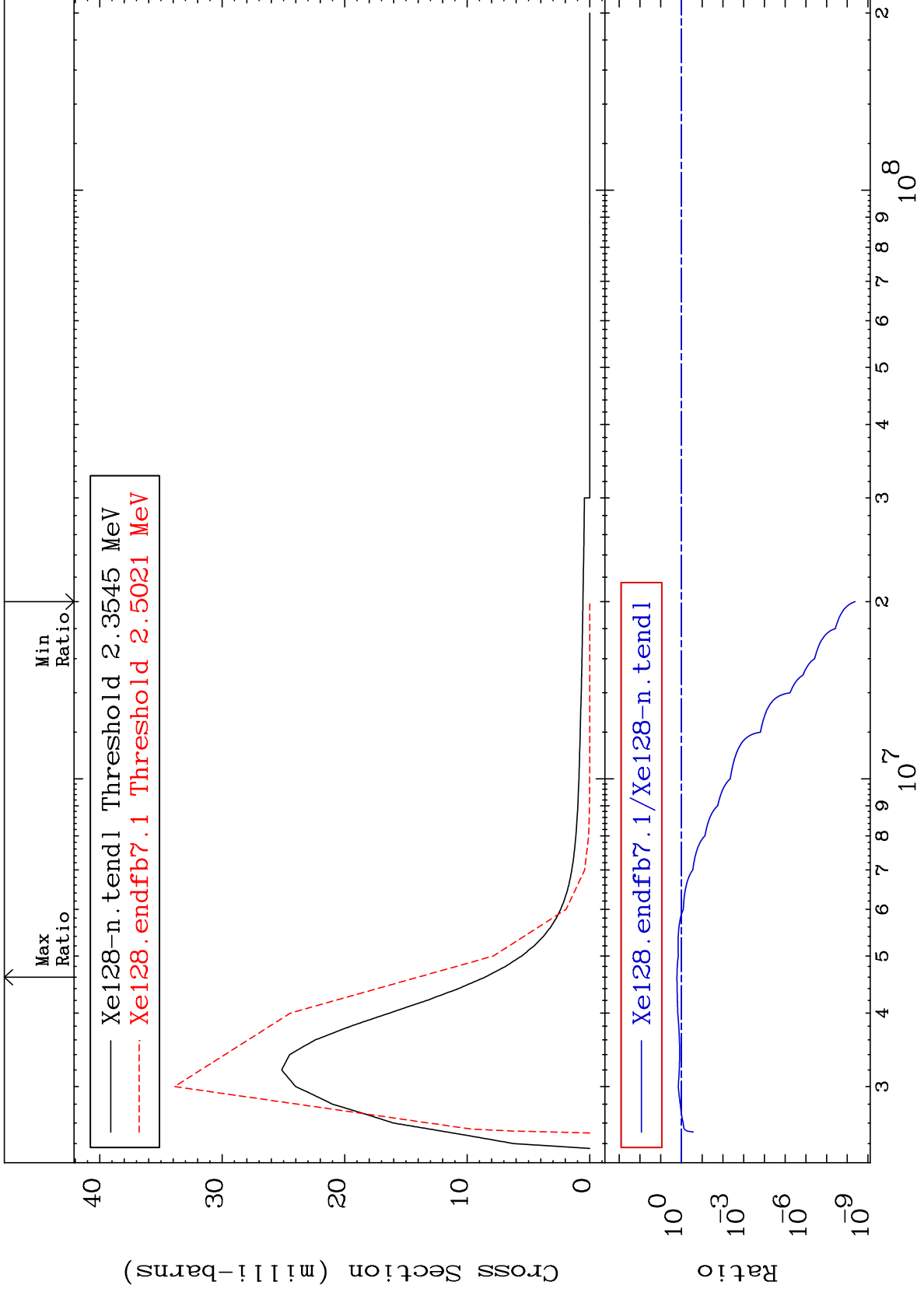
54-Xe-128
-99.78 To -27.39%



MAT 5437

2.336 MeV (n,n') Level
Cross Section

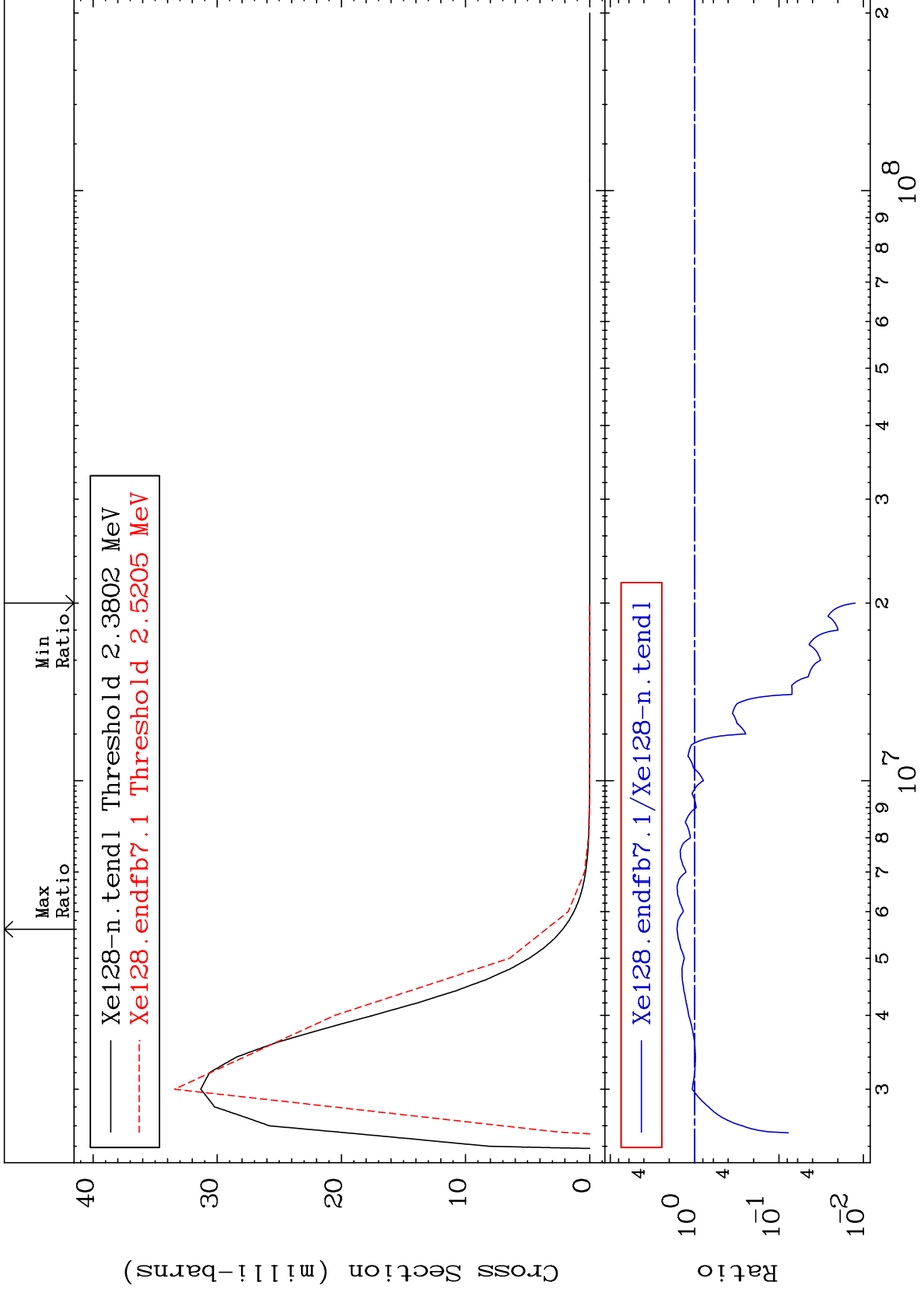
54-Xe-128
-100.0 To 64.06 %



MAT 5437

2.362 MeV (n,n') Level
Cross Section

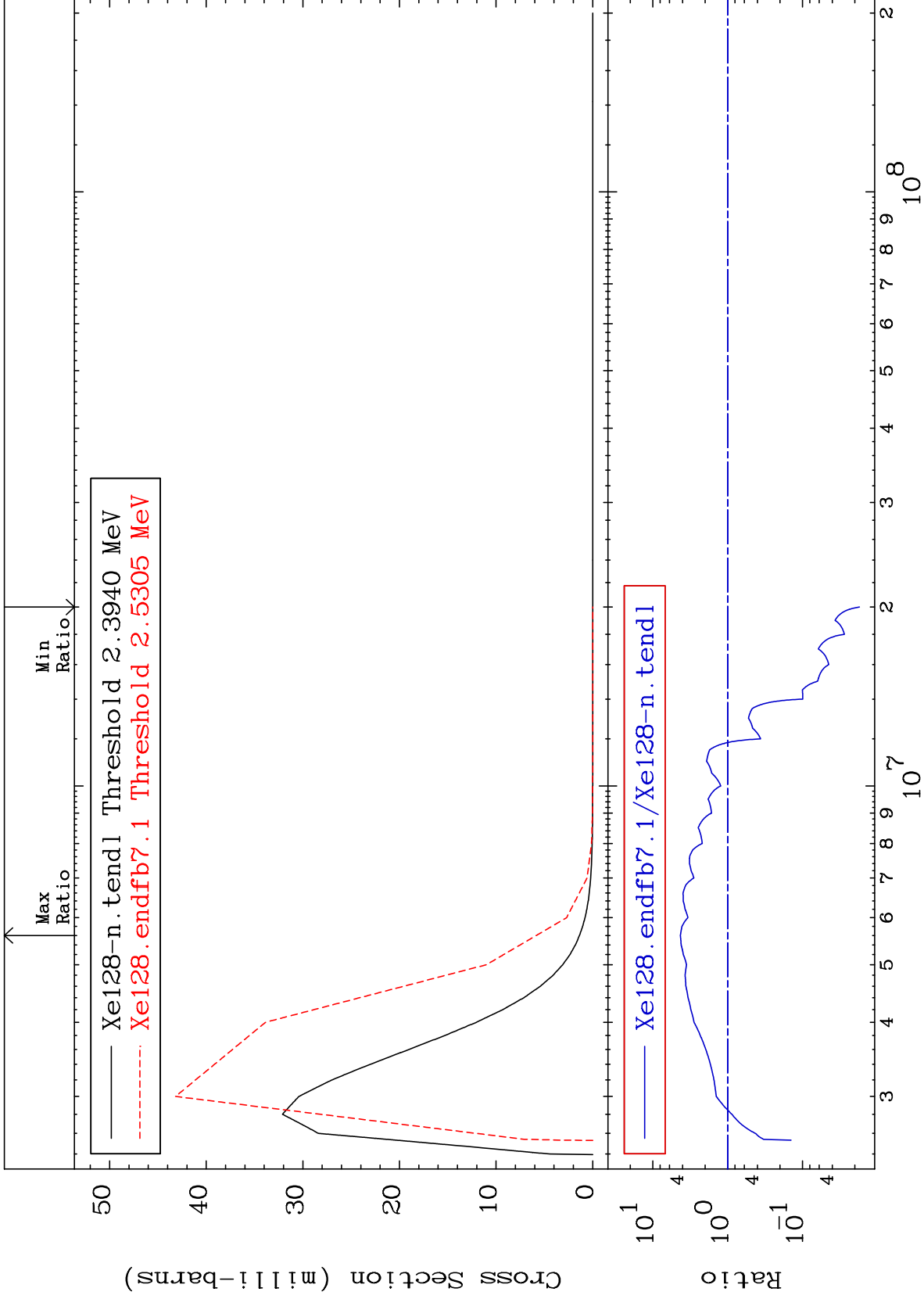
54-Xe-128
-98.75 To 62.28 %



MAT 5437

2.375 MeV (n,n') Level
Cross Section

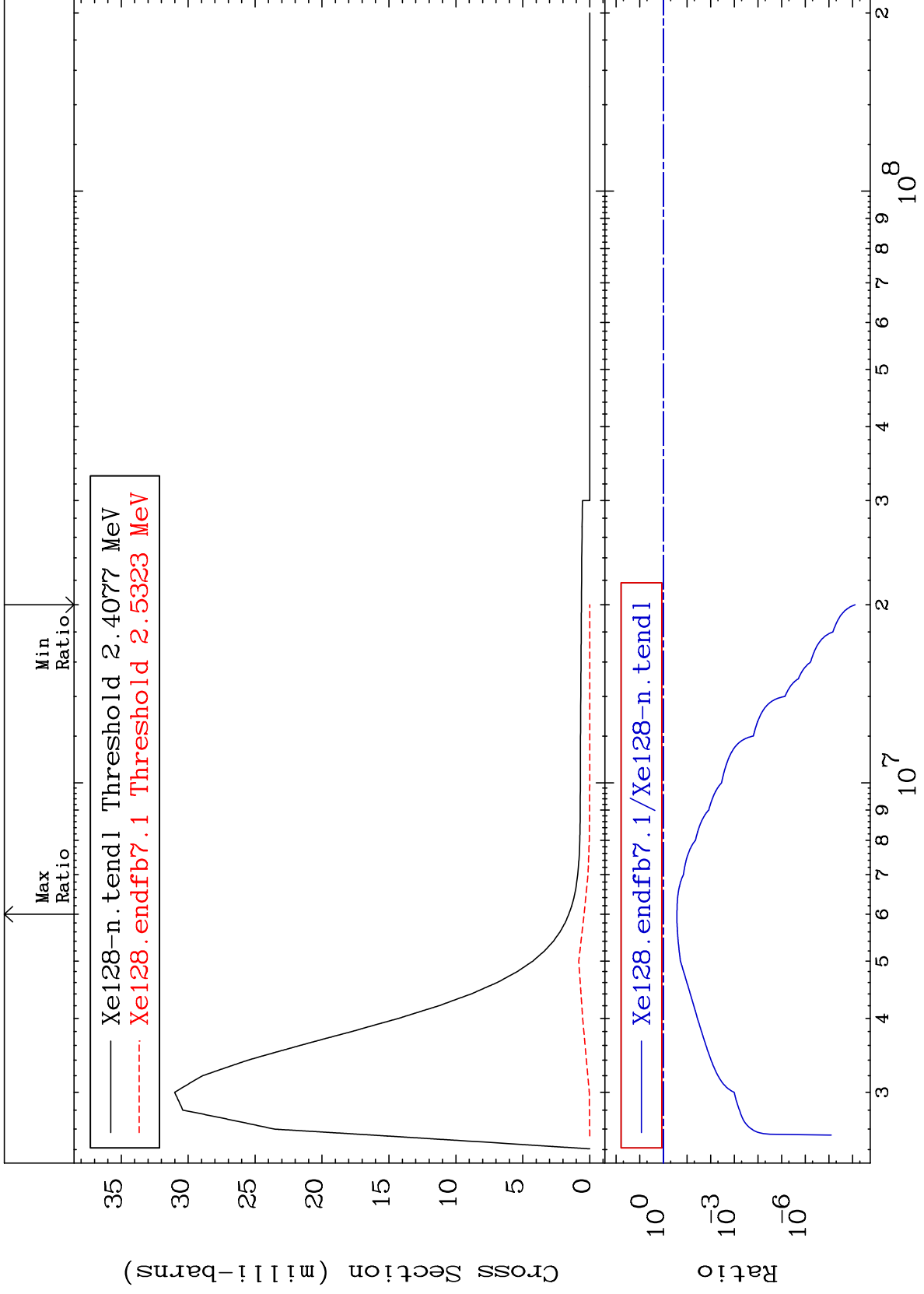
54-Xe-128
-98.26 To 328.2 %

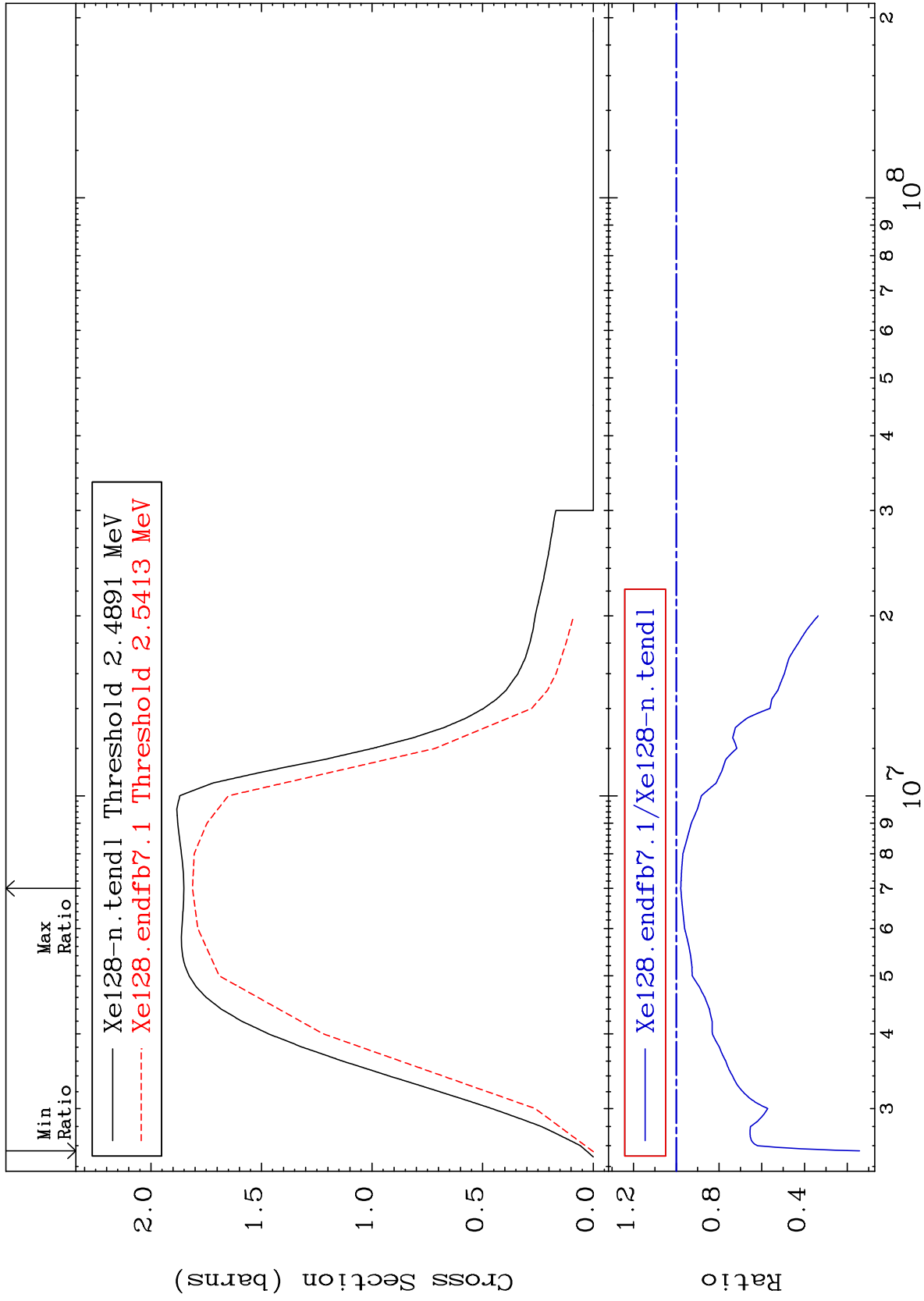


MAT 5437

2.389 MeV (n,n') Level
Cross Section

54-Xe-128
-100.0 To -73.08%





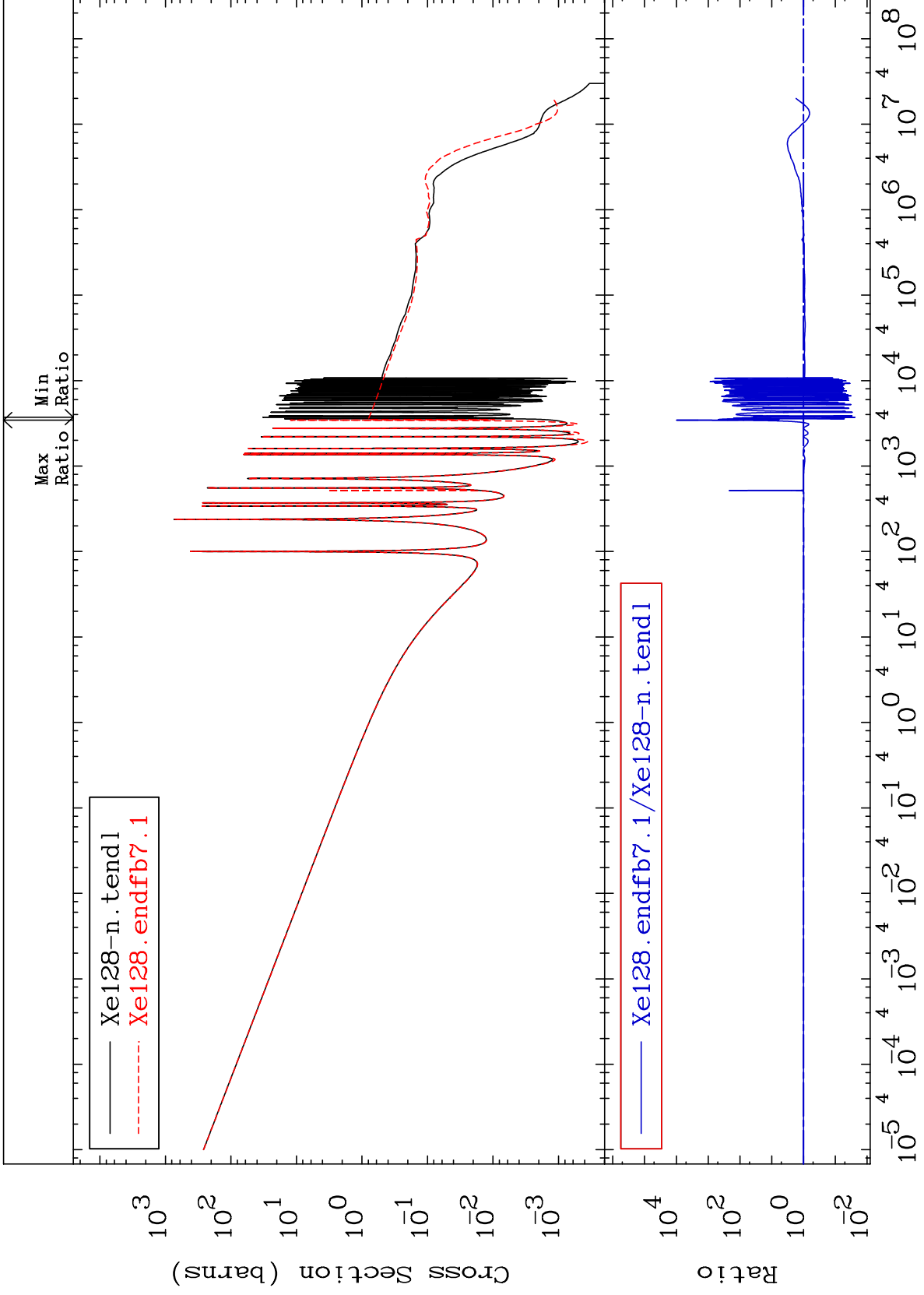
MAT 5437

(n, γ)

54-Xe-128

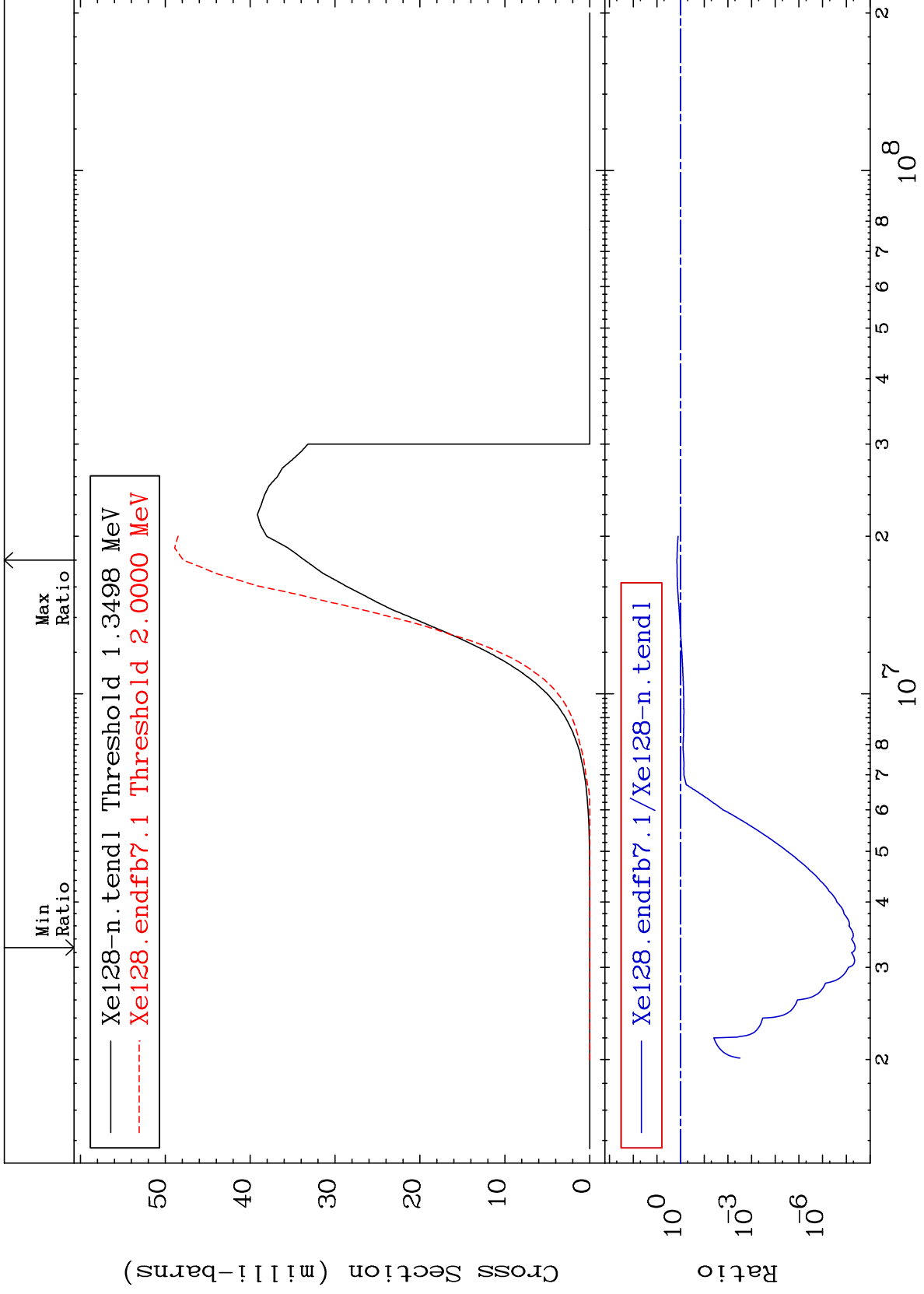
Cross Section

-97.60 To 9999. %



MAT 5437

(n,p)
Cross Section
54-Xe-128
-100.0 To 42.62 %



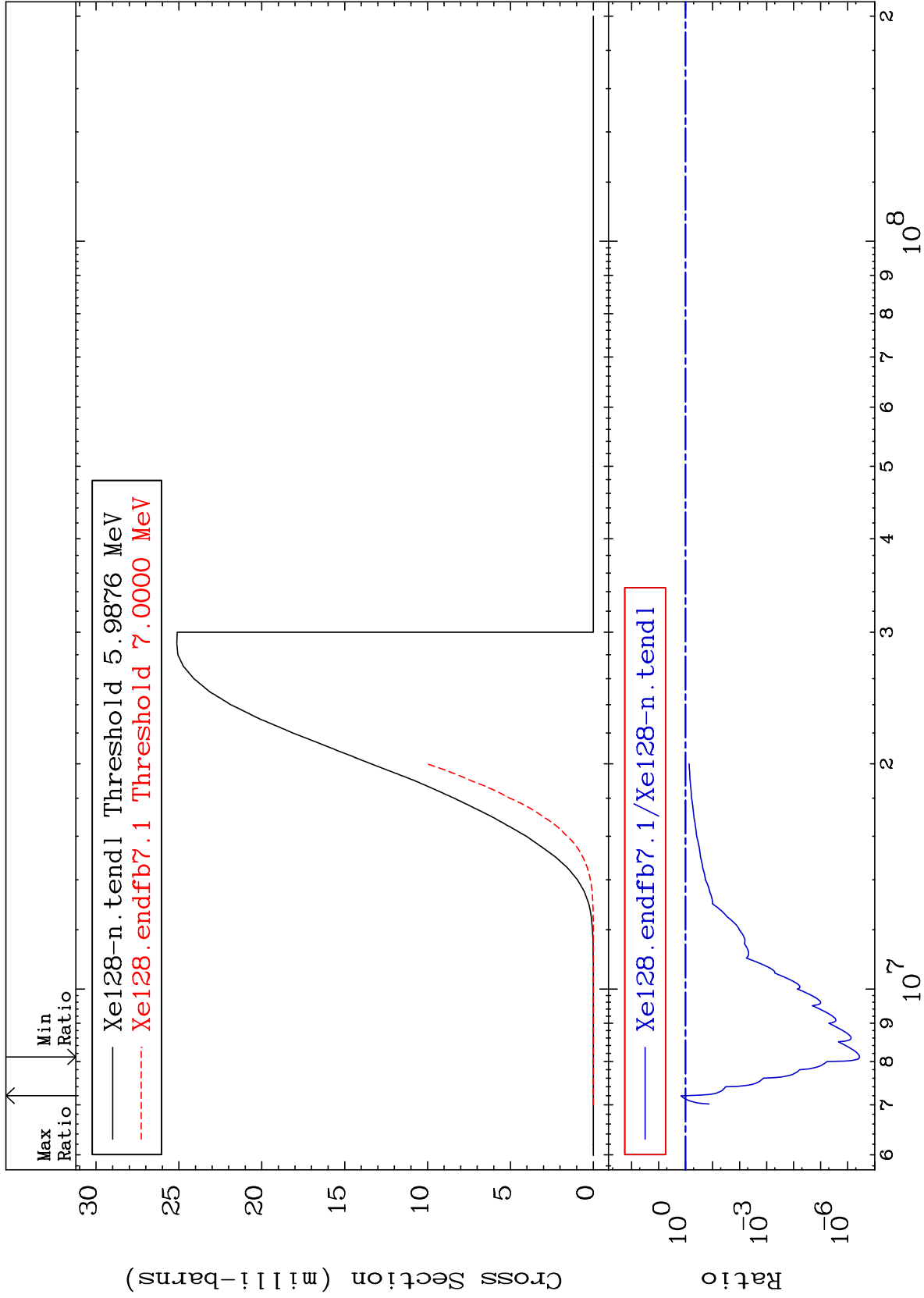
MAT 5437

(n, d)

54-Xe-128

Cross Section

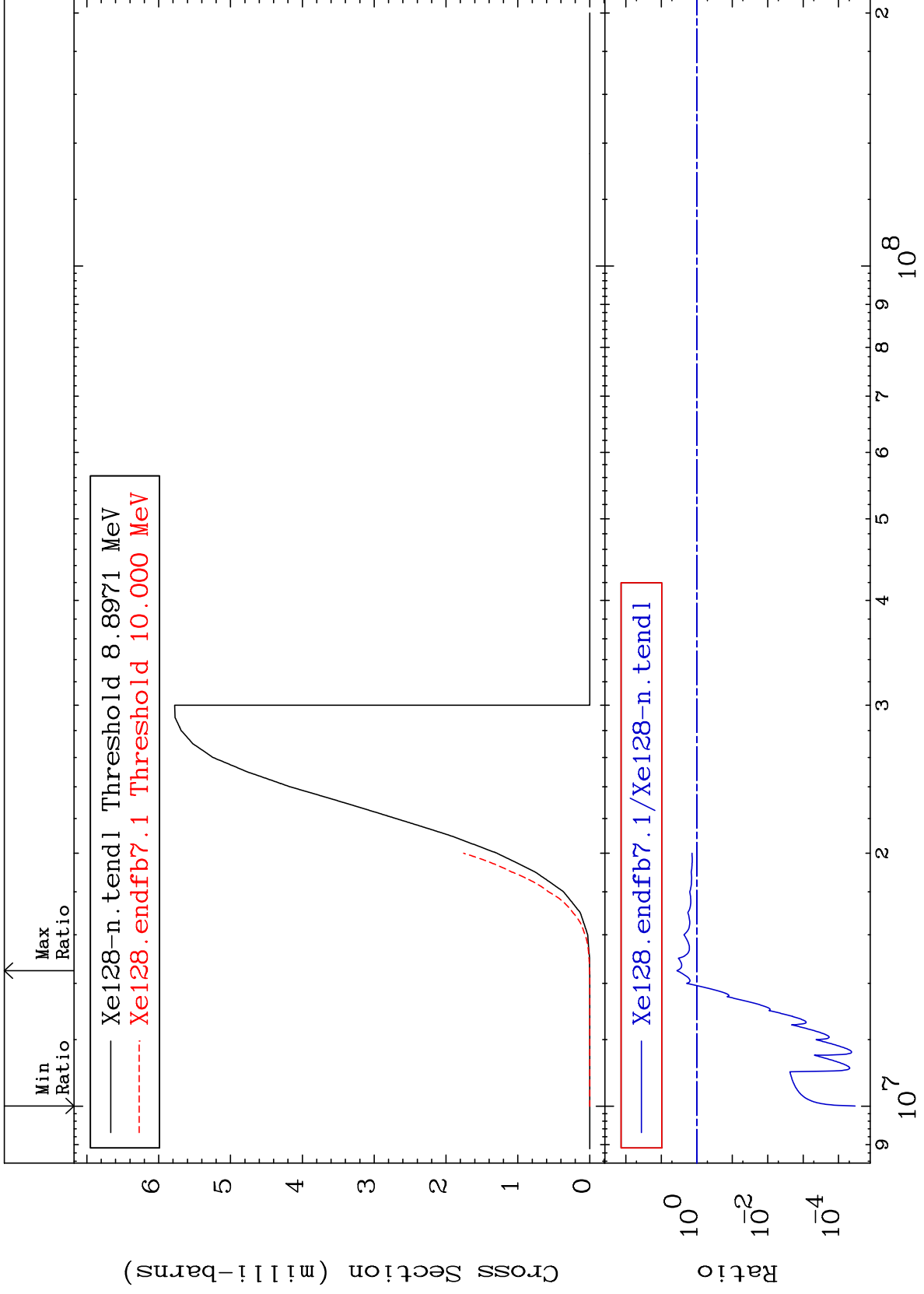
-100.0 To 50.99 %



MAT 5437

(n, t)
Cross Section

54-Xe-128
-100.0 To 261.5 %



35

Incident Energy (eV)

54-Xe-128

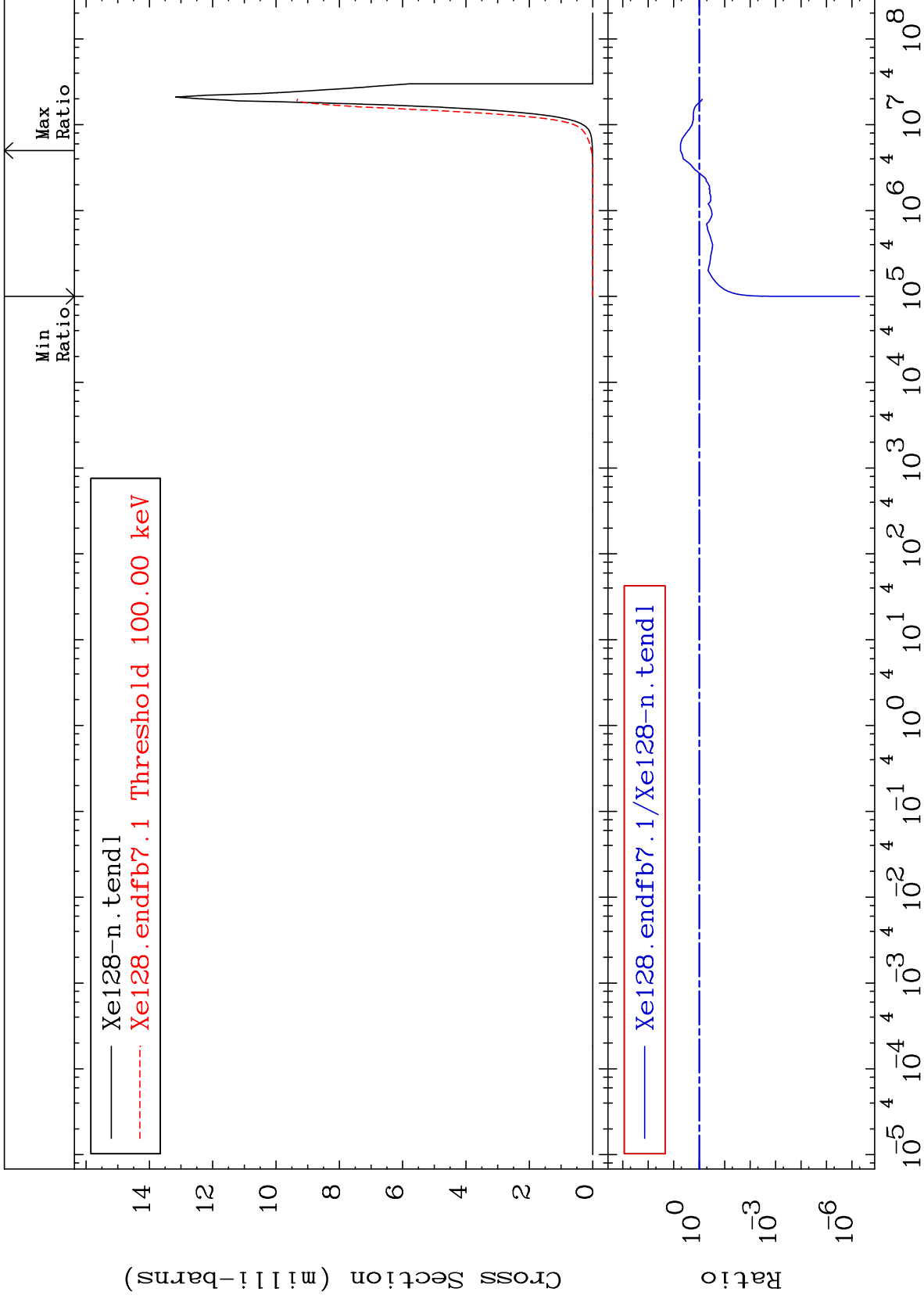
MAT 5437

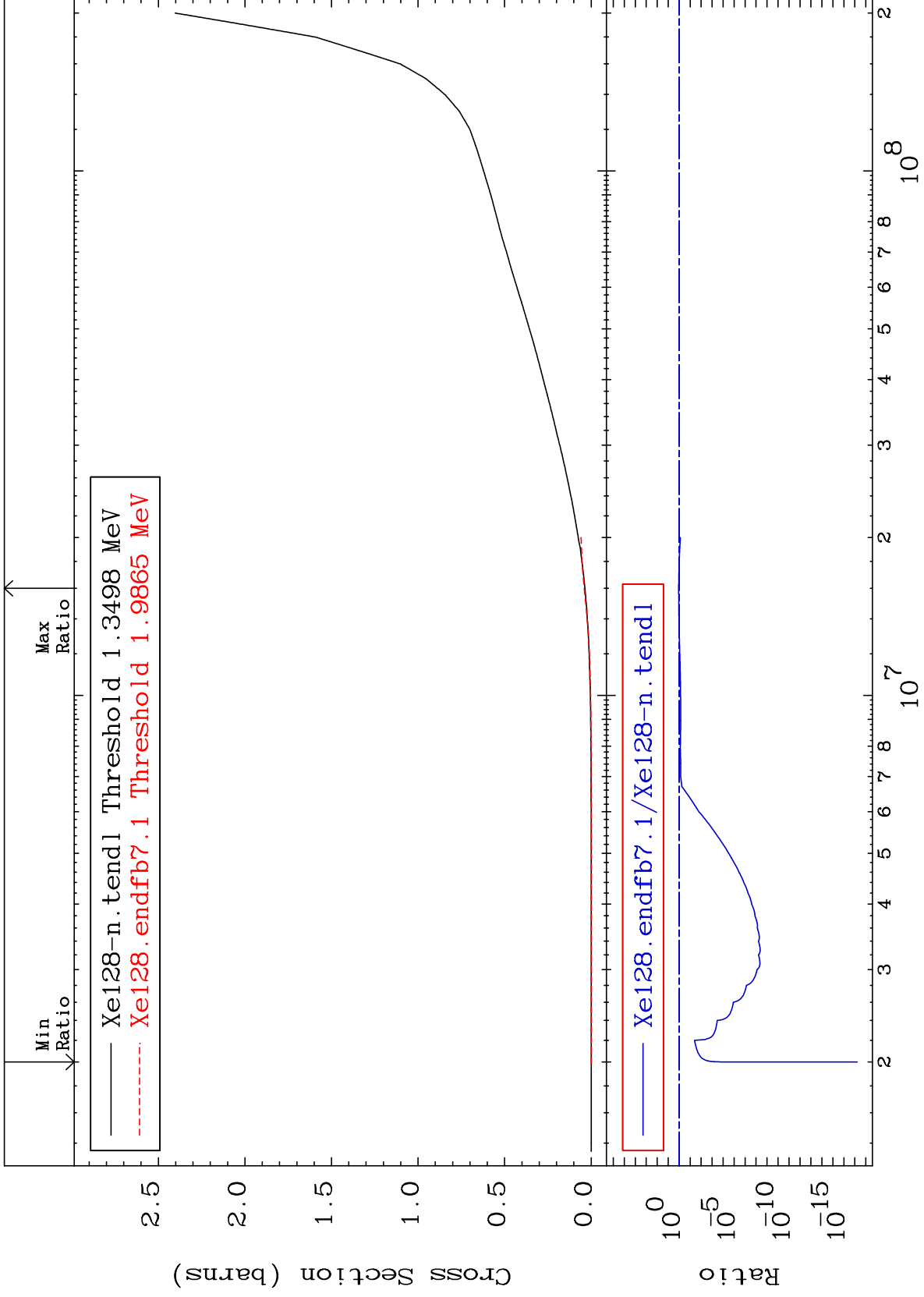
(n, α)

54-Xe-128

Cross Section

-100.0 To 449.3 %

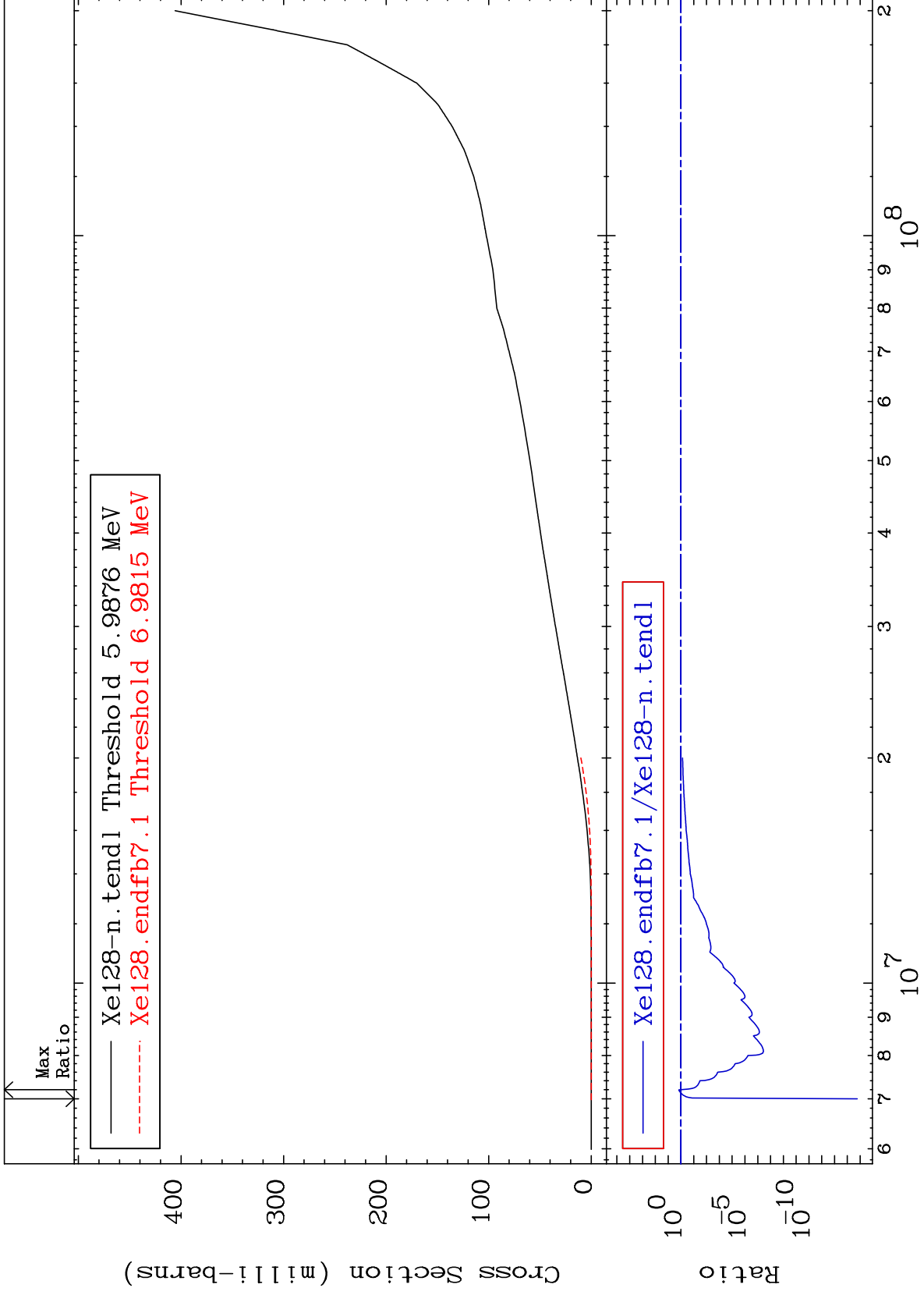




MAT 5437

Deuterium Production
Cross Section

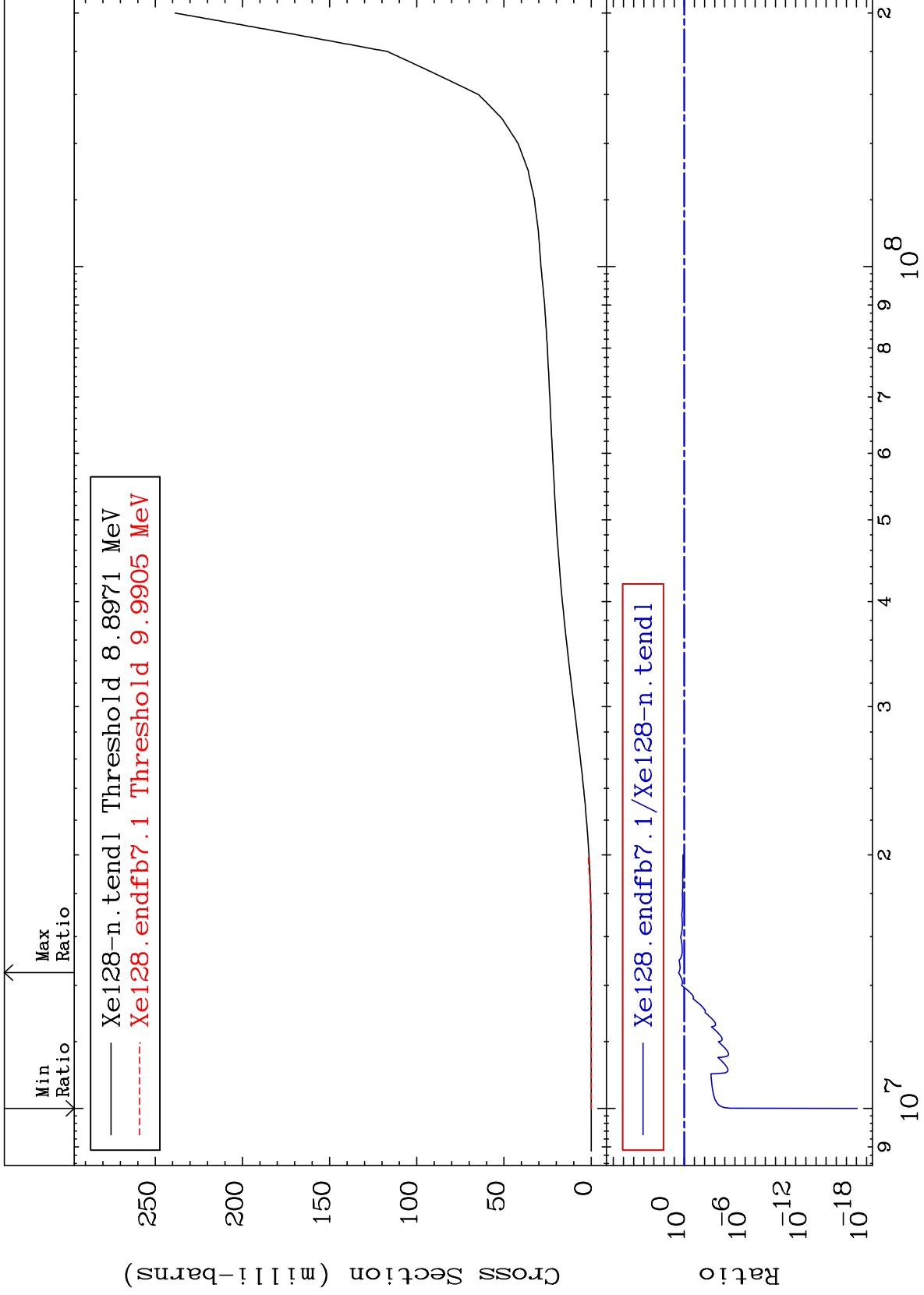
54-Xe-128
-100.0 To 50.99 %



MAT 5437

Tritium Production
Cross Section

54-Xe-128
-100.0 To 261.5 %



39

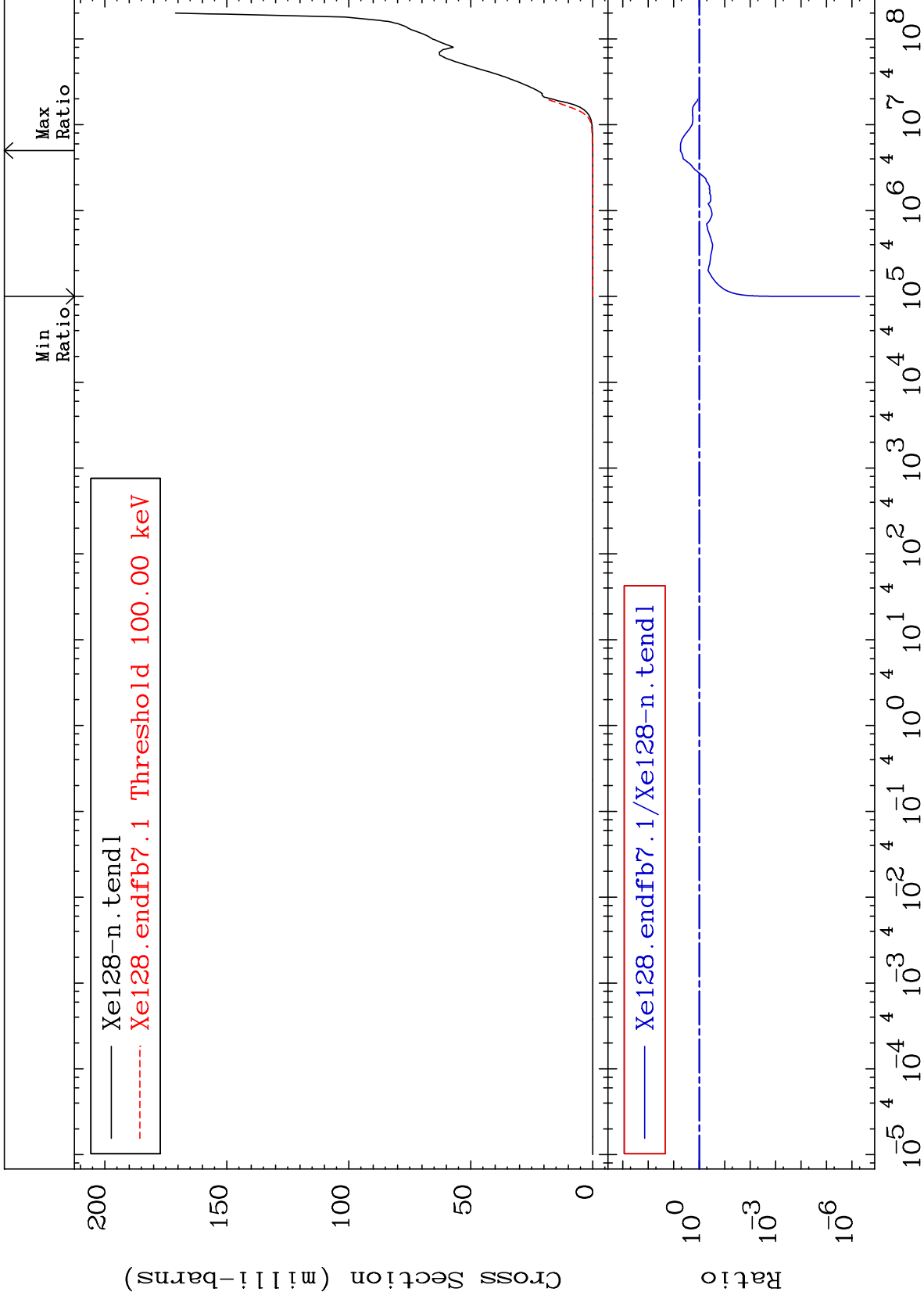
Incident Energy (eV)

54-Xe-128

MAT 5437

He-4 Production
Cross Section

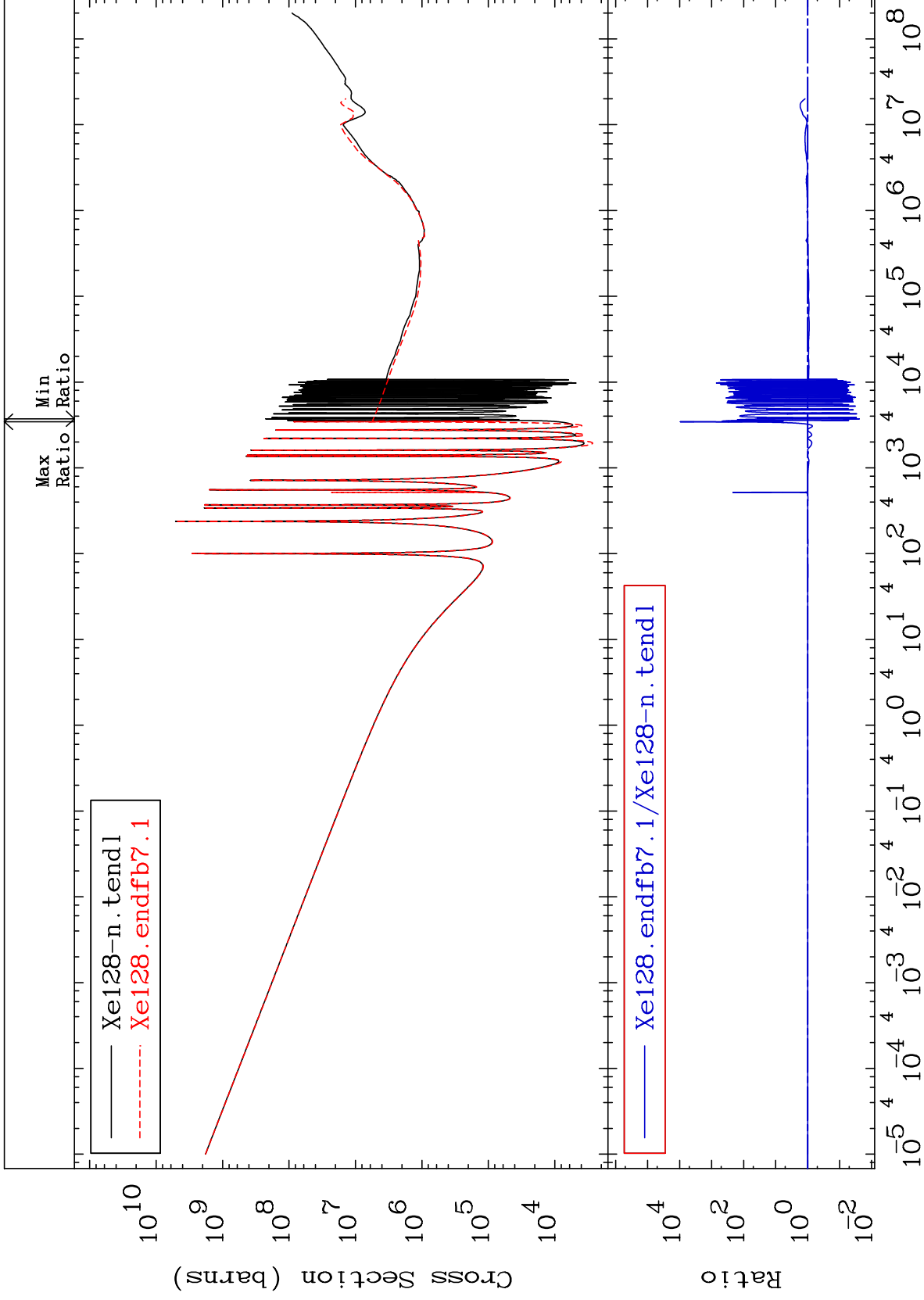
54-Xe-128
-100.0 To 449.3 %



Incident Energy (eV)

54-Xe-128

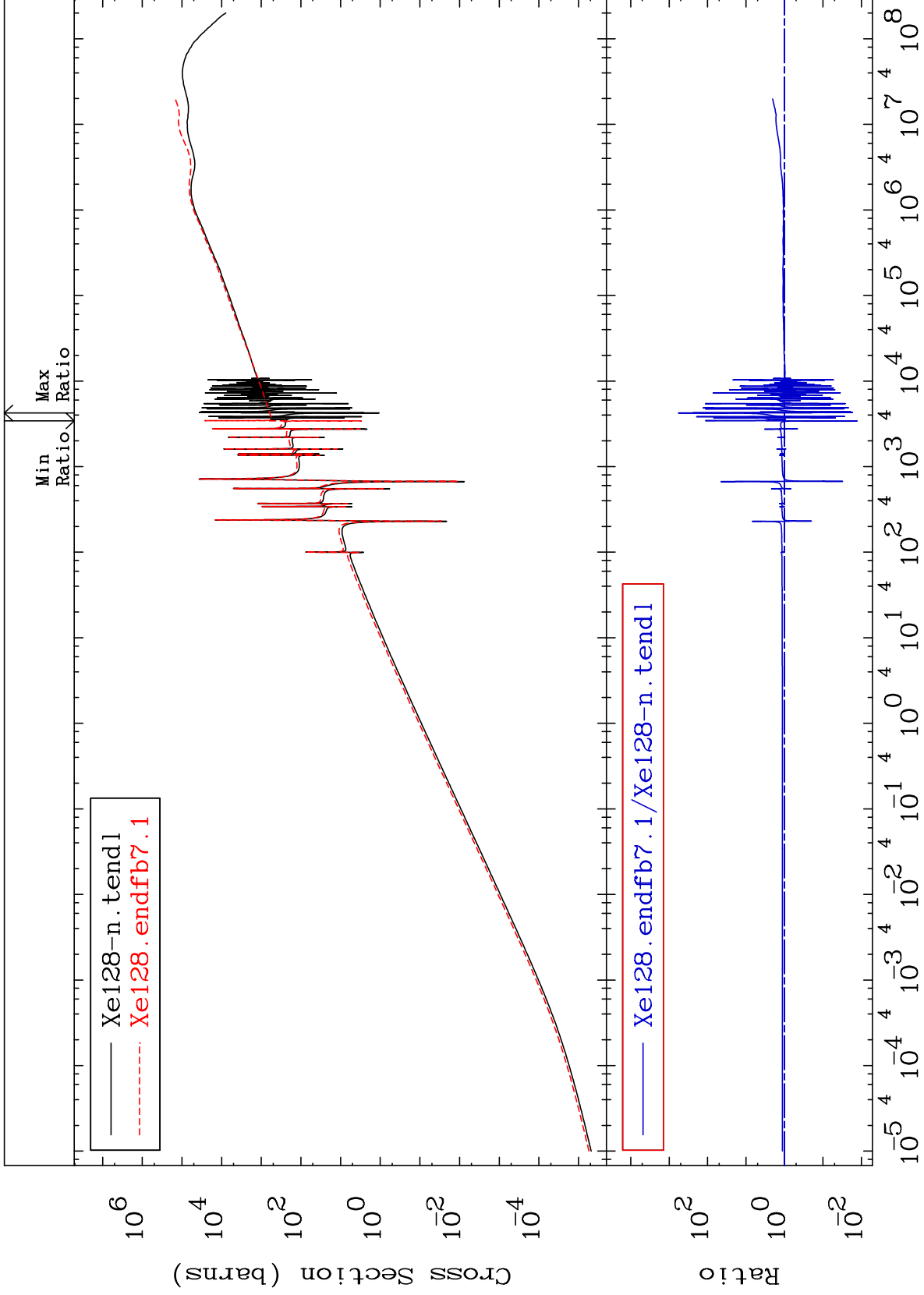
40

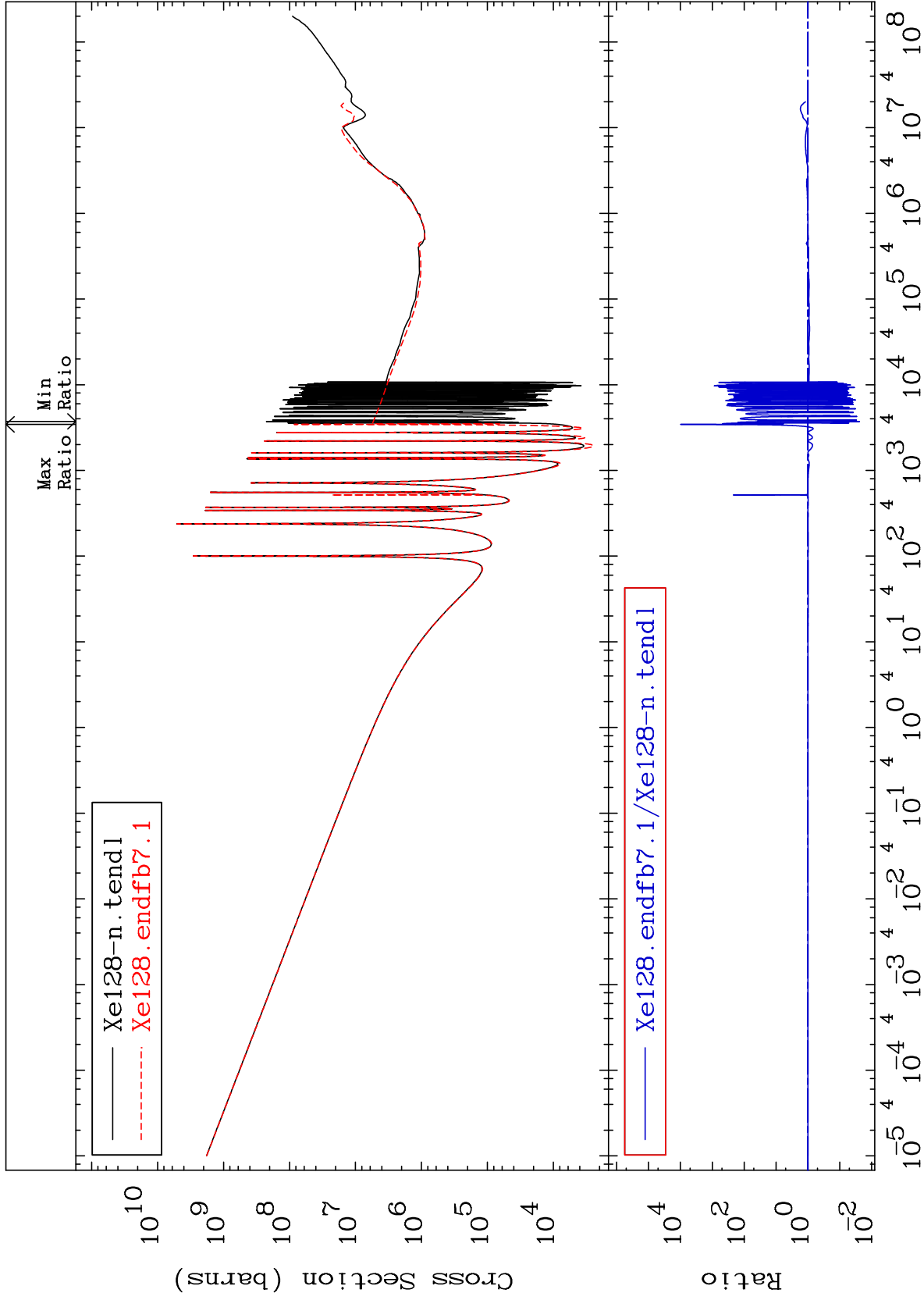


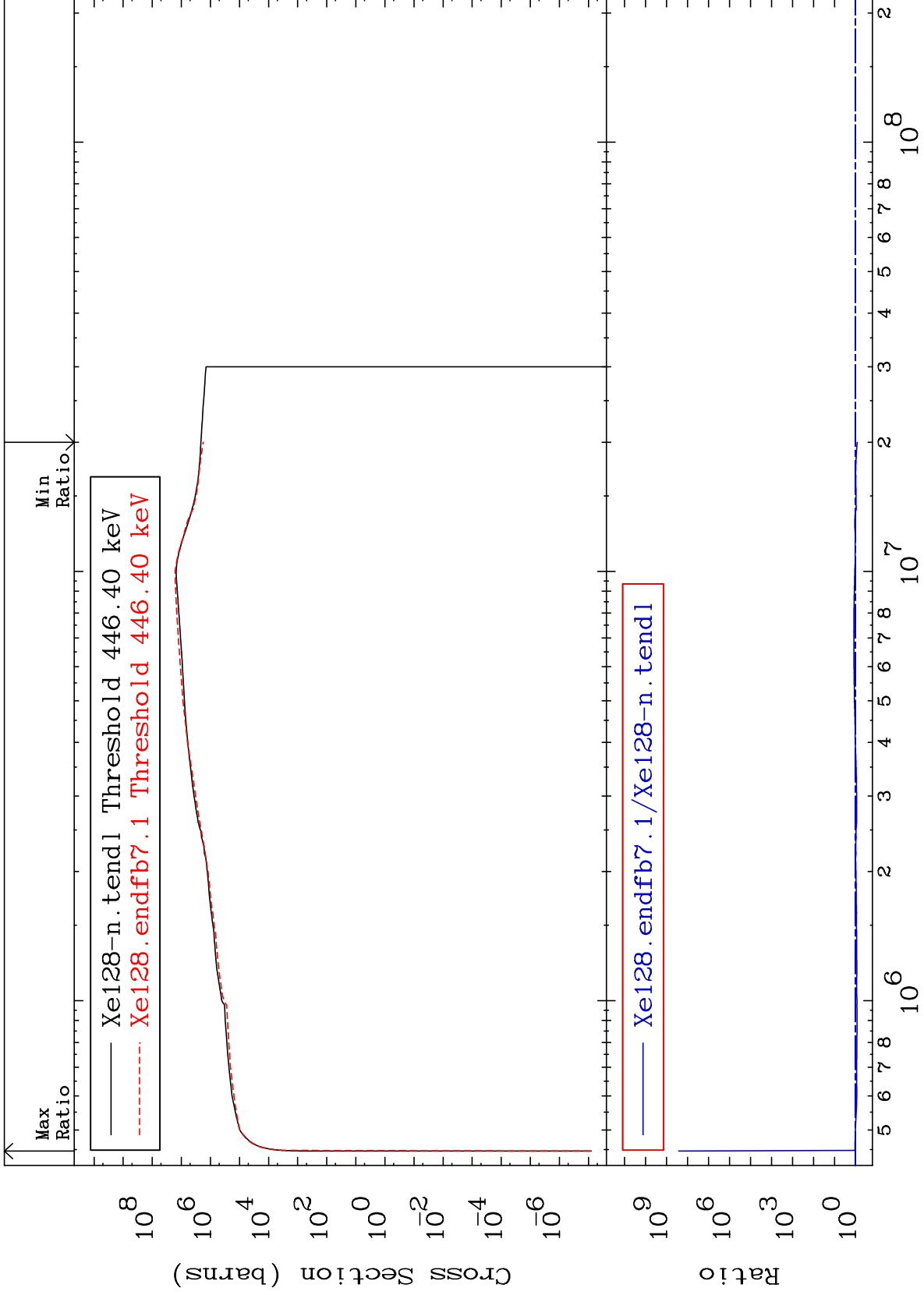
MAT 5437

Kerma elastic
Cross Section

54-Xe-128
-98.72 To 9999. %



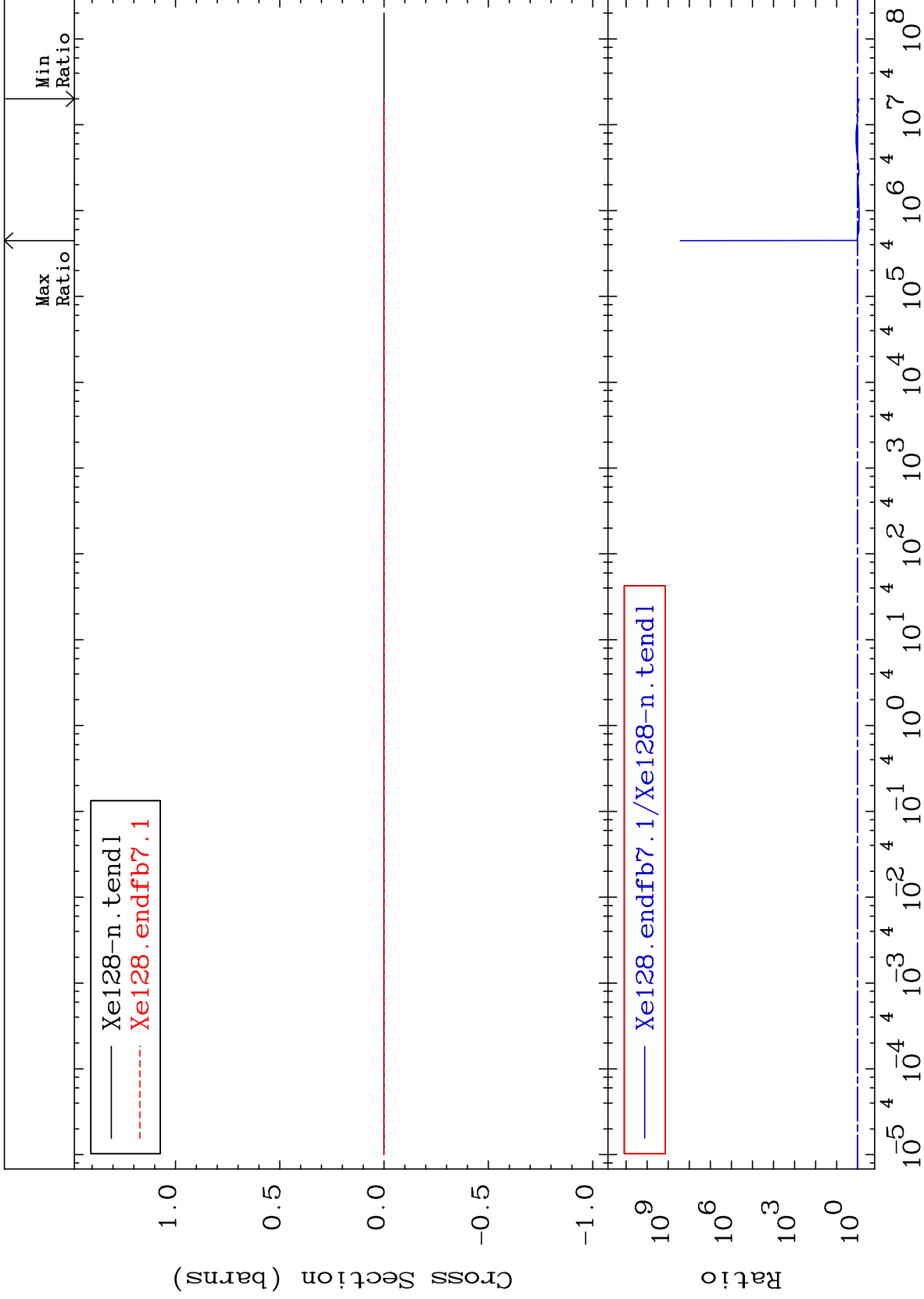




MAT 5437

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

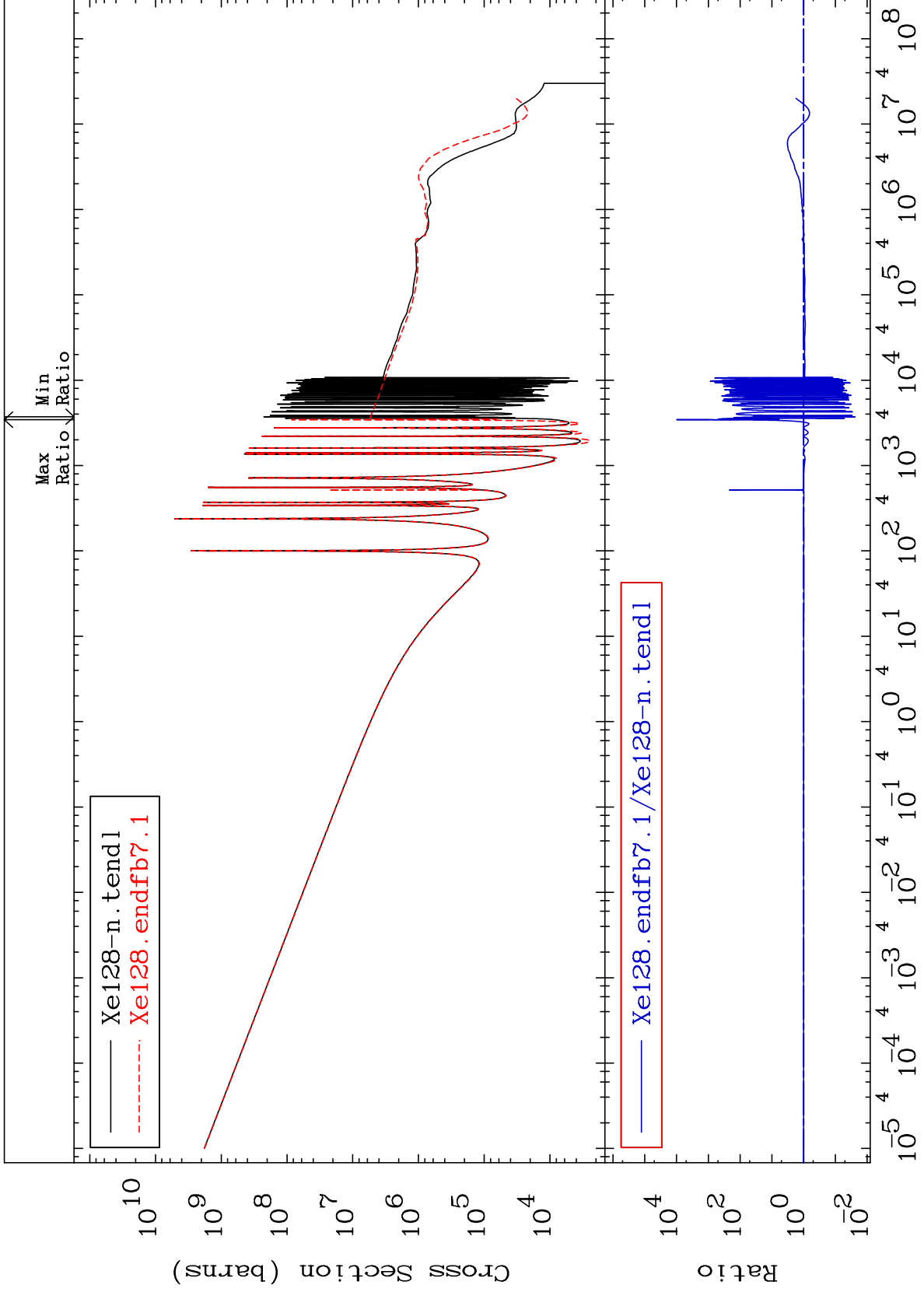
54-Xe-128
-17.67 To 9999. %



MAT 5437

Kerma capture (mt102)
Cross Section

54-Xe-128
-97.60 To 9999. %



46

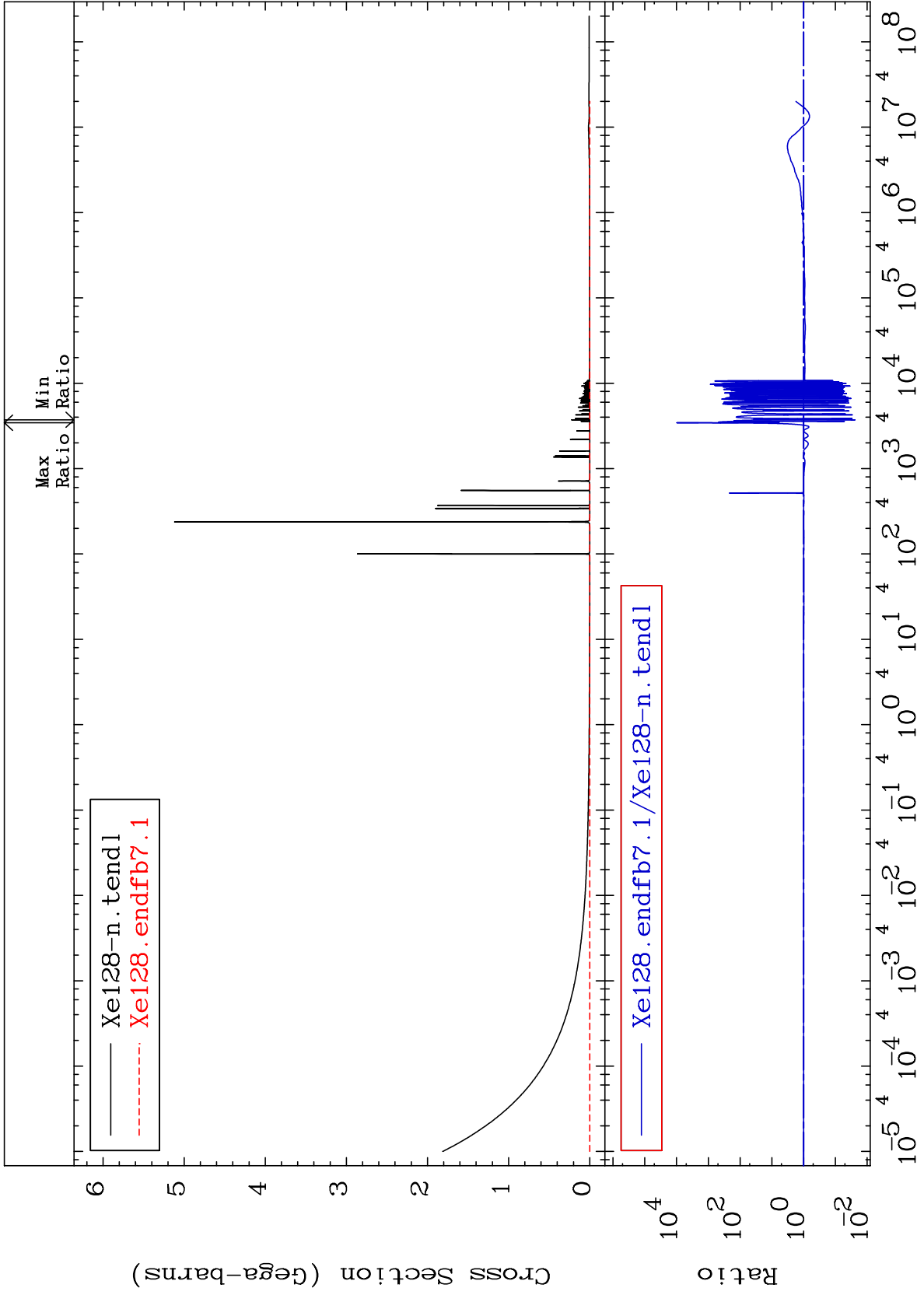
Incident Energy (eV)

54-Xe-128

MAT 5437

Total photon (eV-barns)
Cross Section

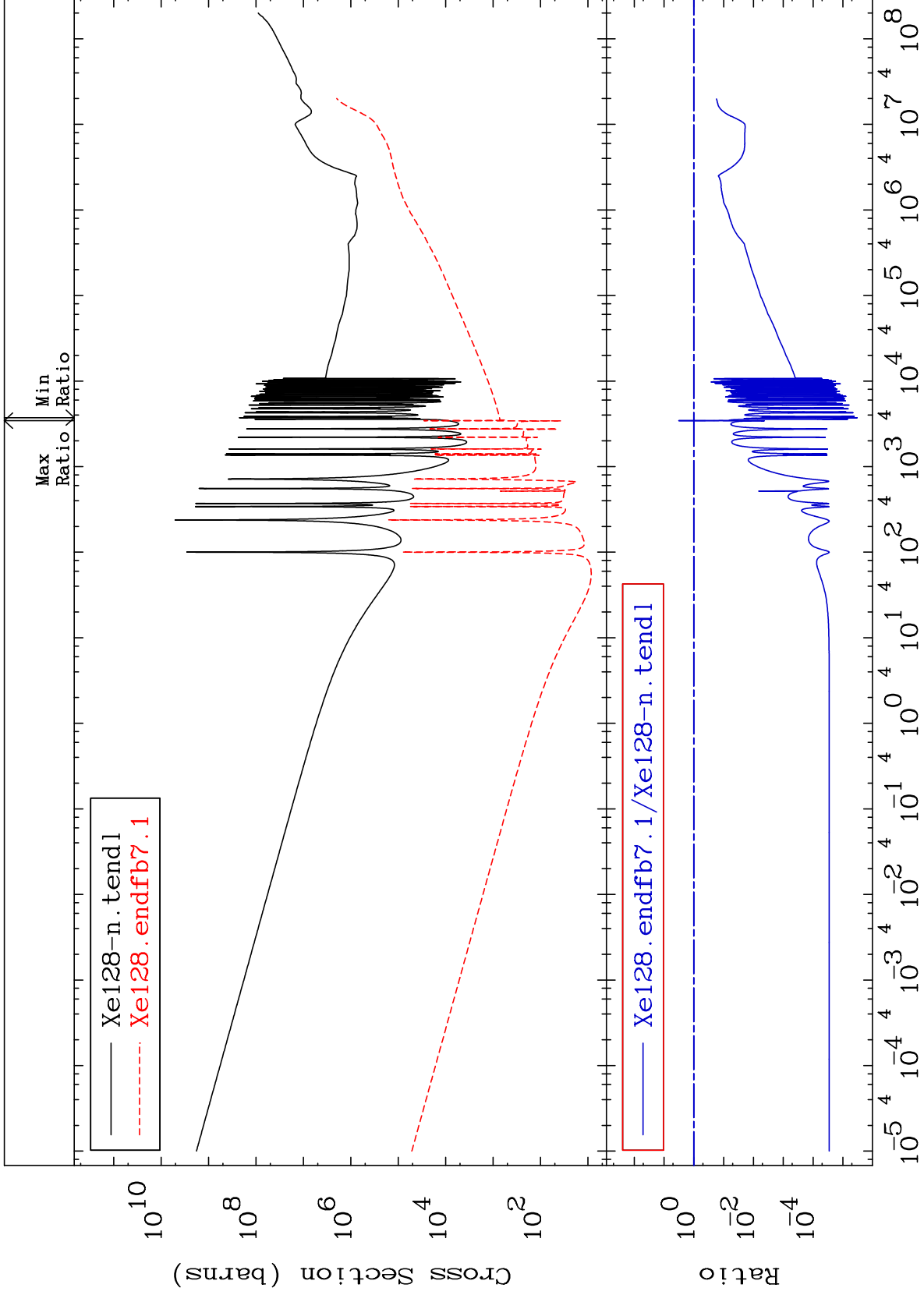
54-Xe-128
-97.60 To 9999. %

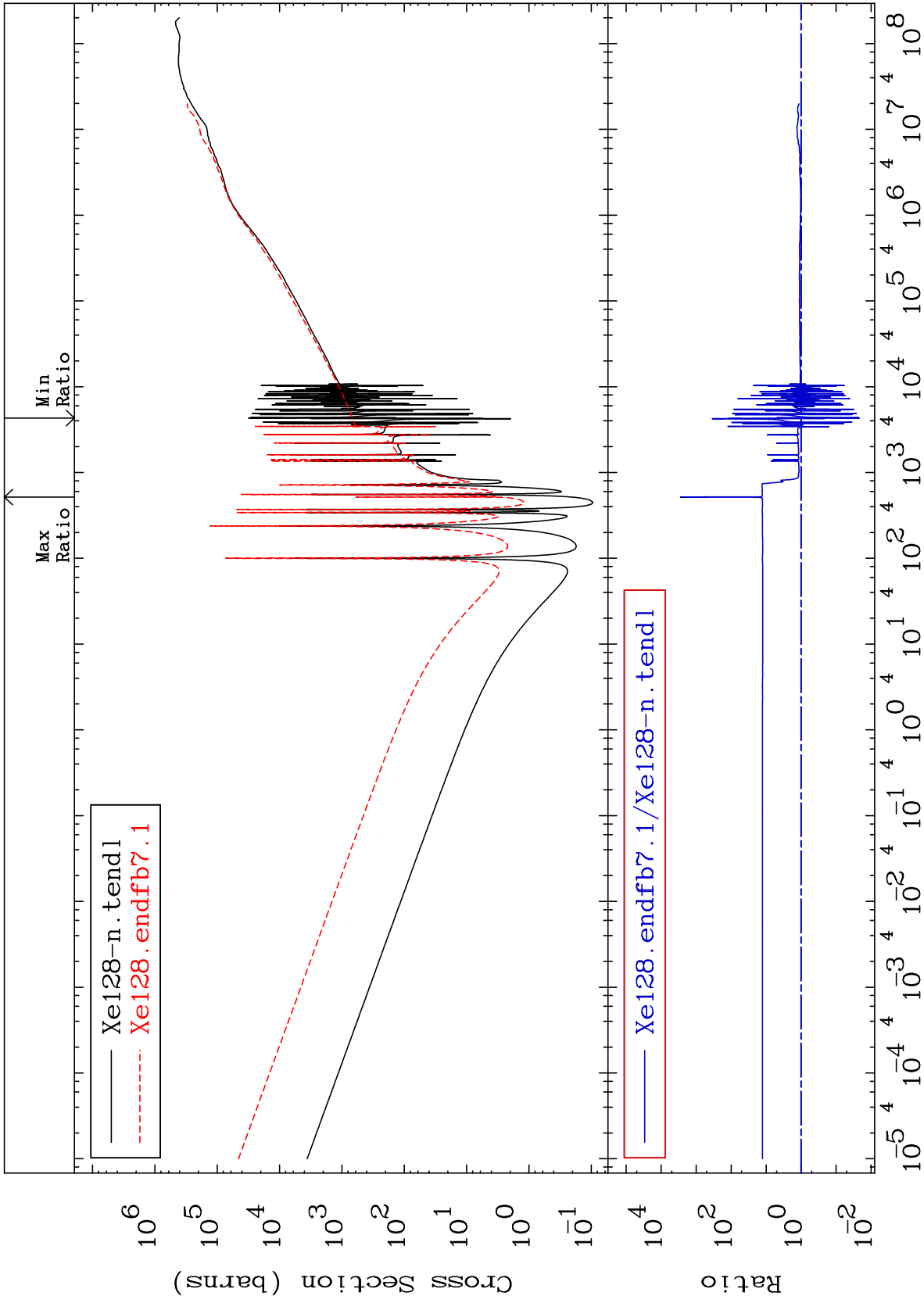


47

Incident Energy (eV)

54-Xe-128

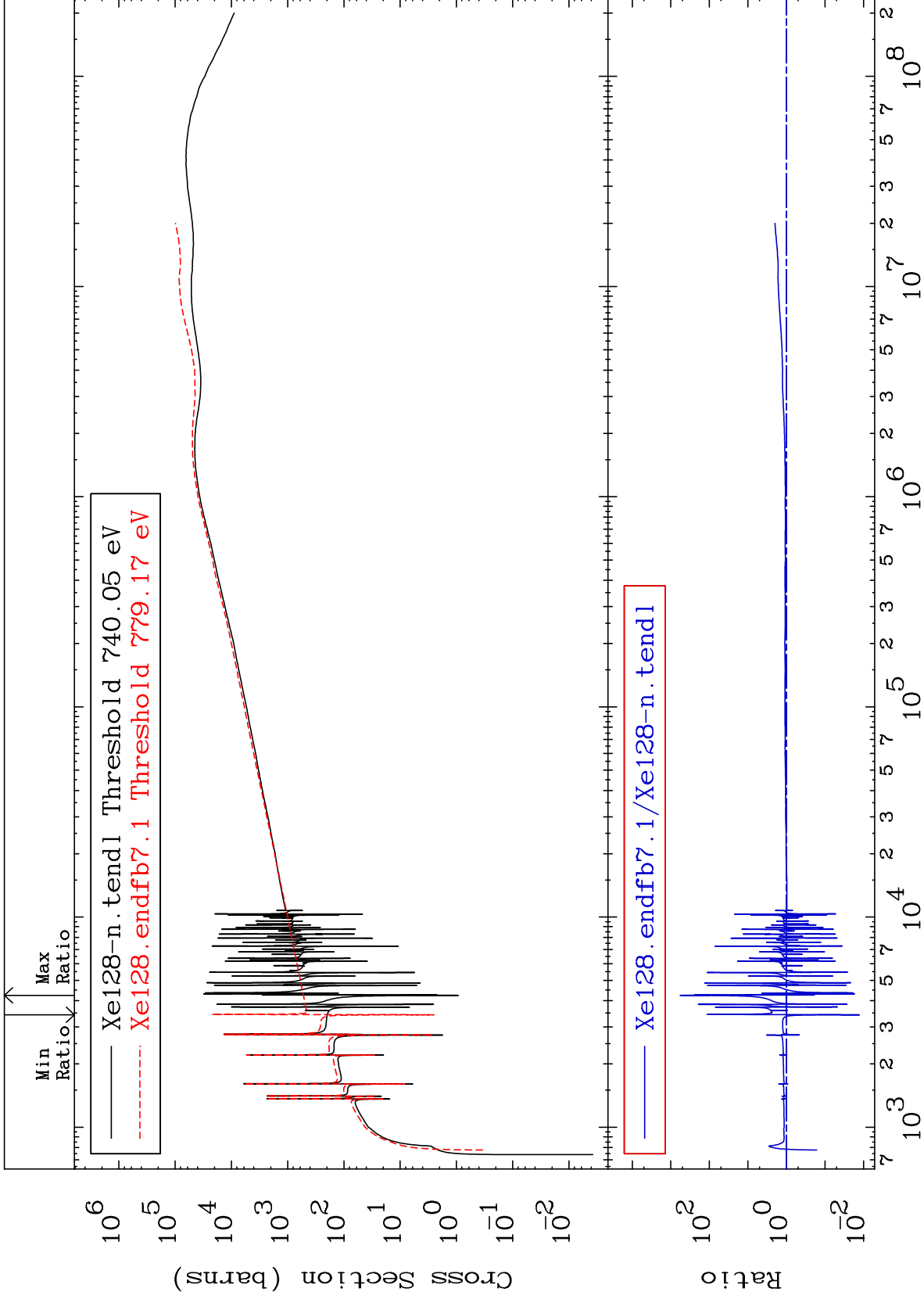




MAT 5437

Dpa elastic (mt2)
Cross Section

54-Xe-128
-98.72 To 9999. %



50

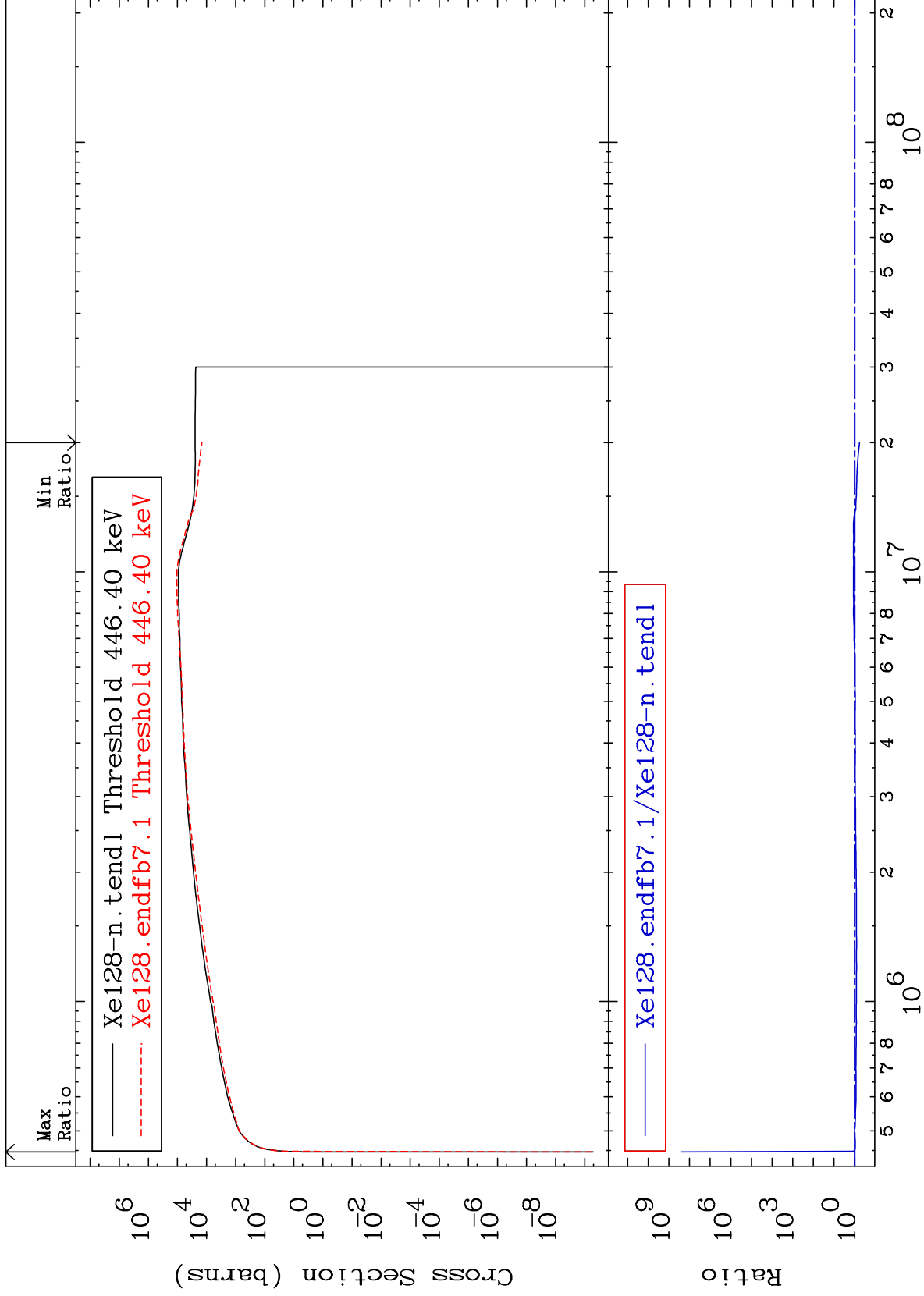
Incident Energy (eV)

54-Xe-128

MAT 5437

Dpa inelastic (mt51-91)
Cross Section

54-Xe-128
-42.01 To 9999. %



51

Incident Energy (eV)

54-Xe-128

