

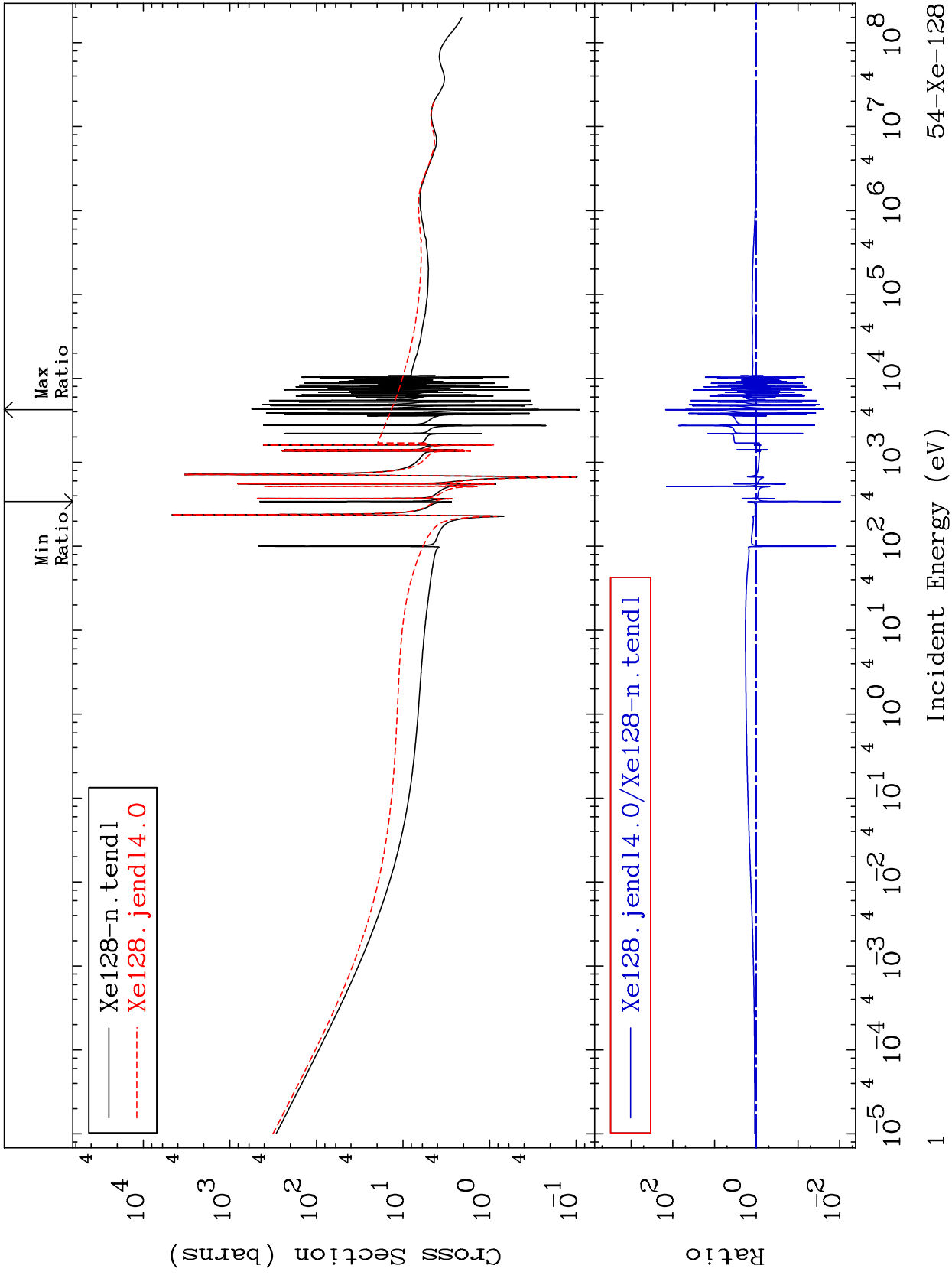
MAT 5437

Total

54-Xe-128

Cross Section

-99.05 To 9999. %



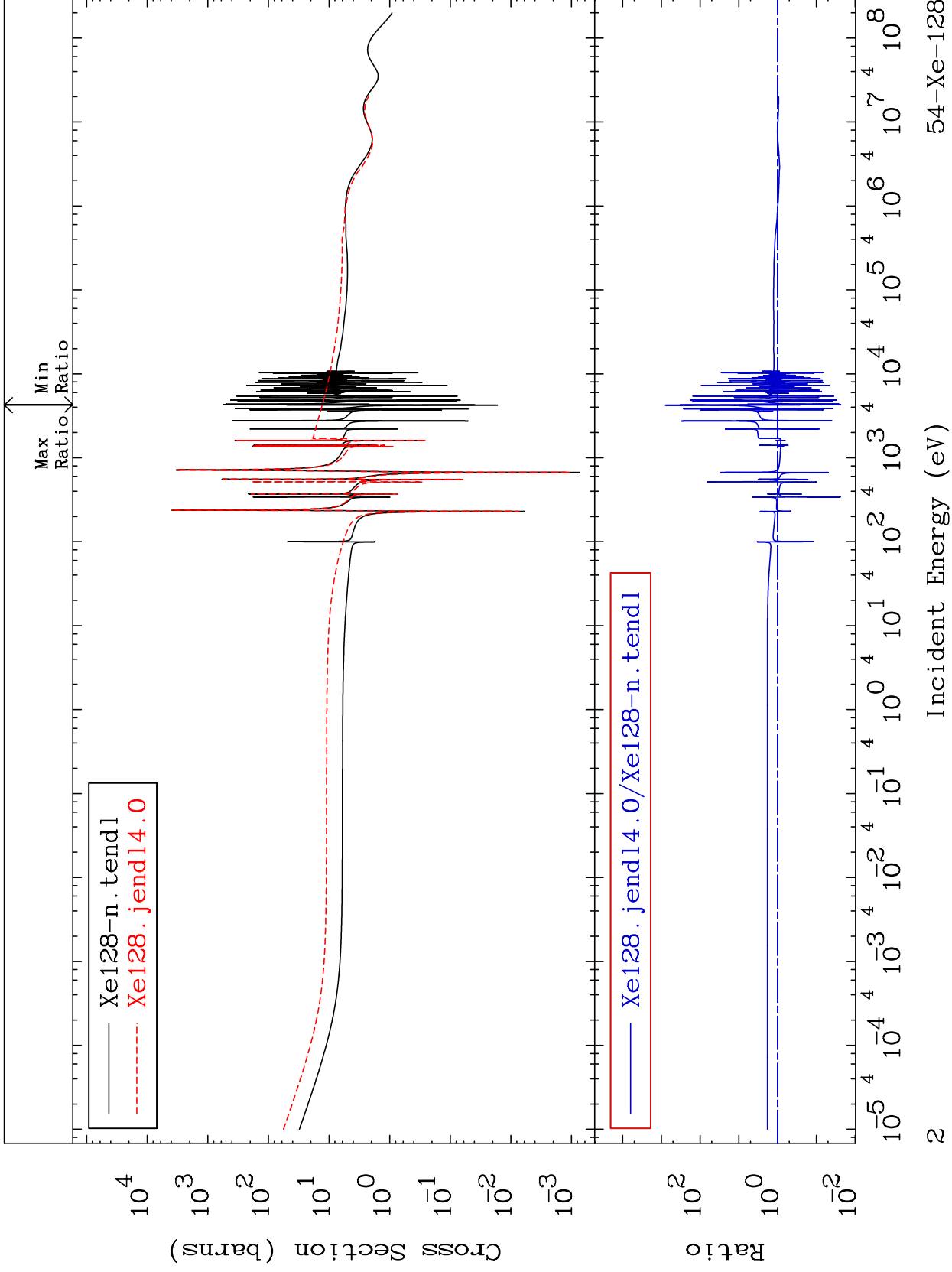
Incident Energy (eV)

54-Xe-128

MAT 5437

Elastic
Cross Section

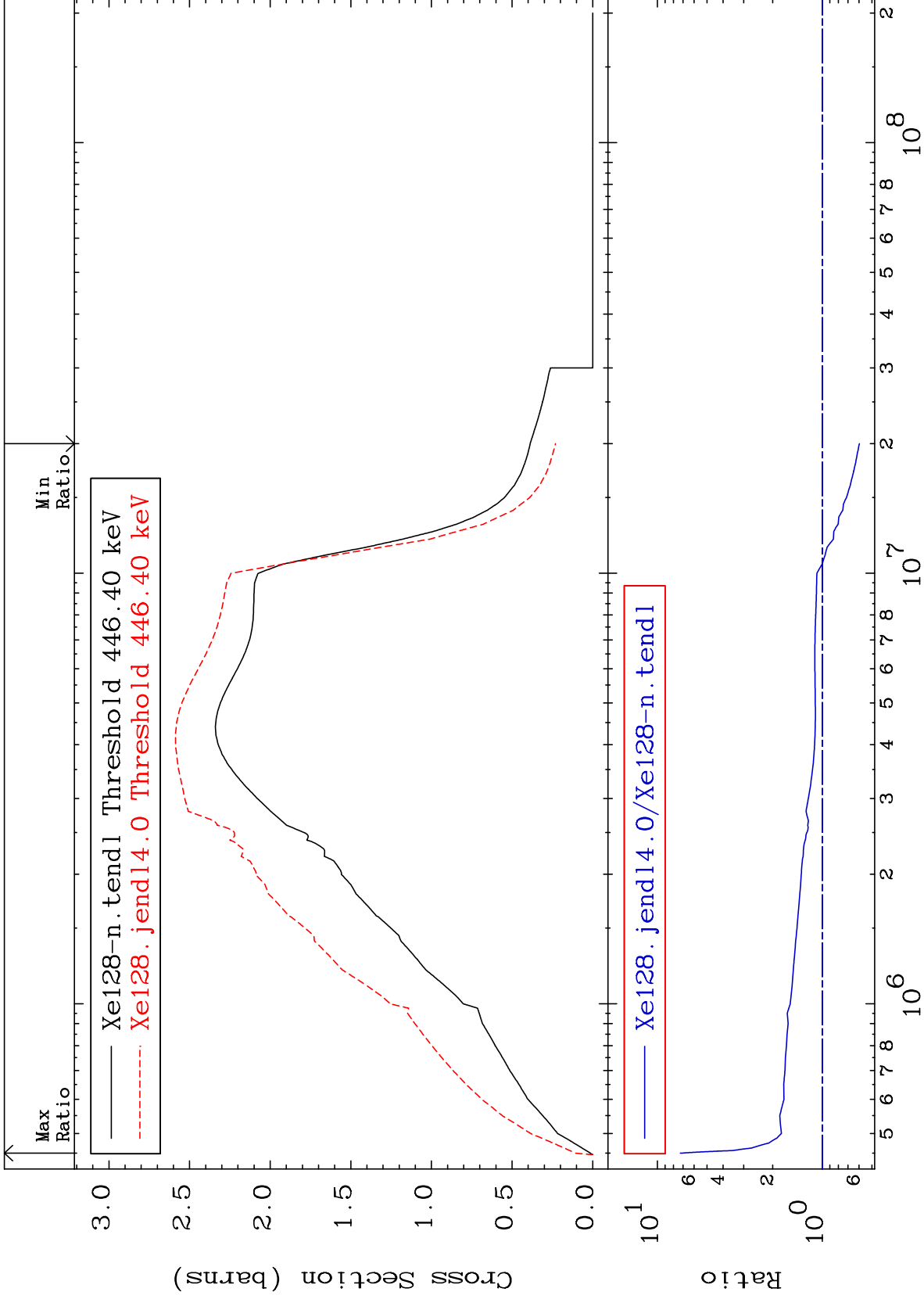
54-Xe-128
-97.65 To 9999. %



MAT 5437

Inelastic
Cross Section

54-Xe-128
-40.41 To 626.2 %



3

Incident Energy (eV)

54-Xe-128

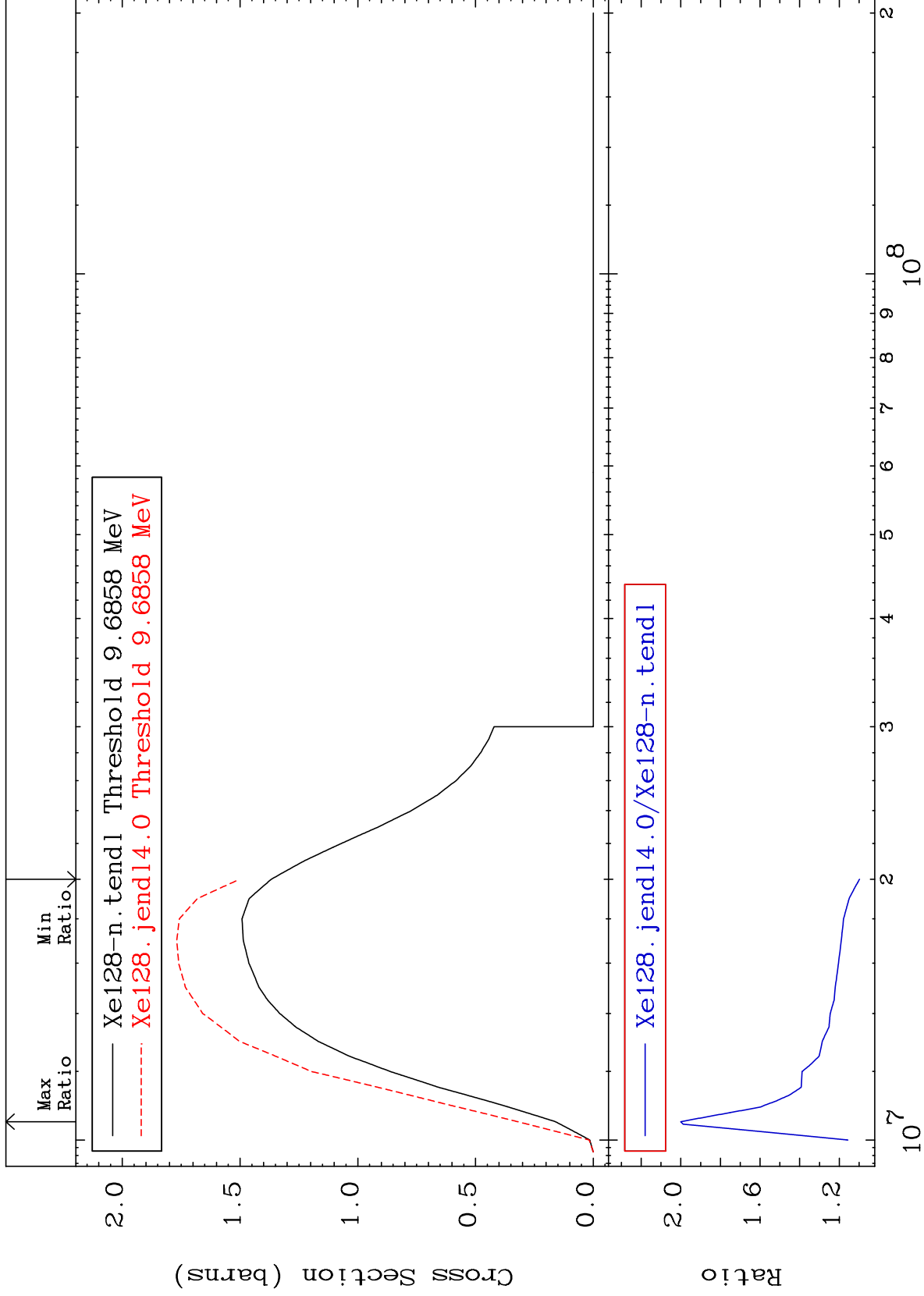
MAT 5437

(n,2n)

54-Xe-128

Cross Section

9.774 To 100.0 %



54-Xe-128

54-Xe-128

MAT 5437

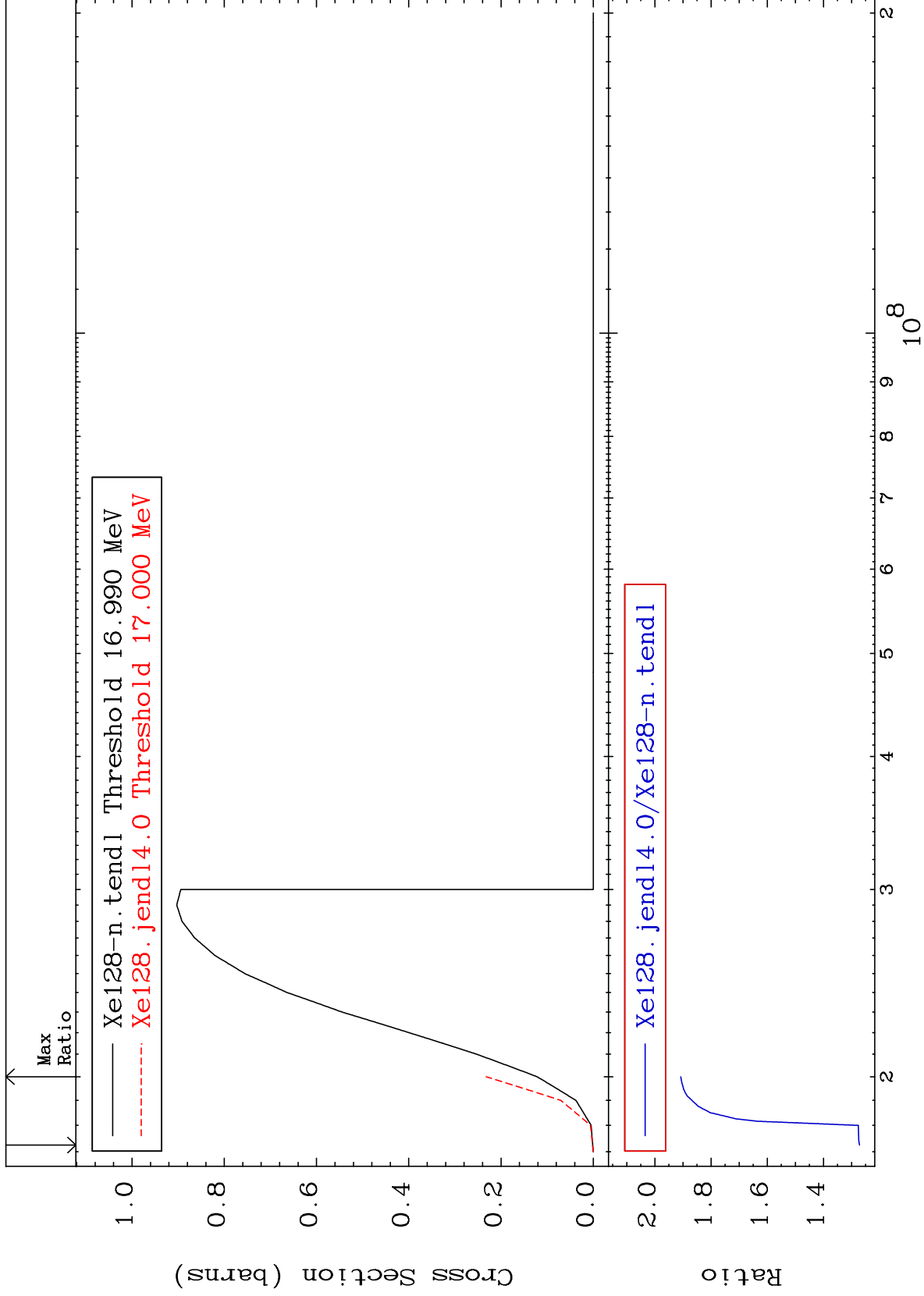
(n,3n)

54-Xe-128

Cross Section

27.15

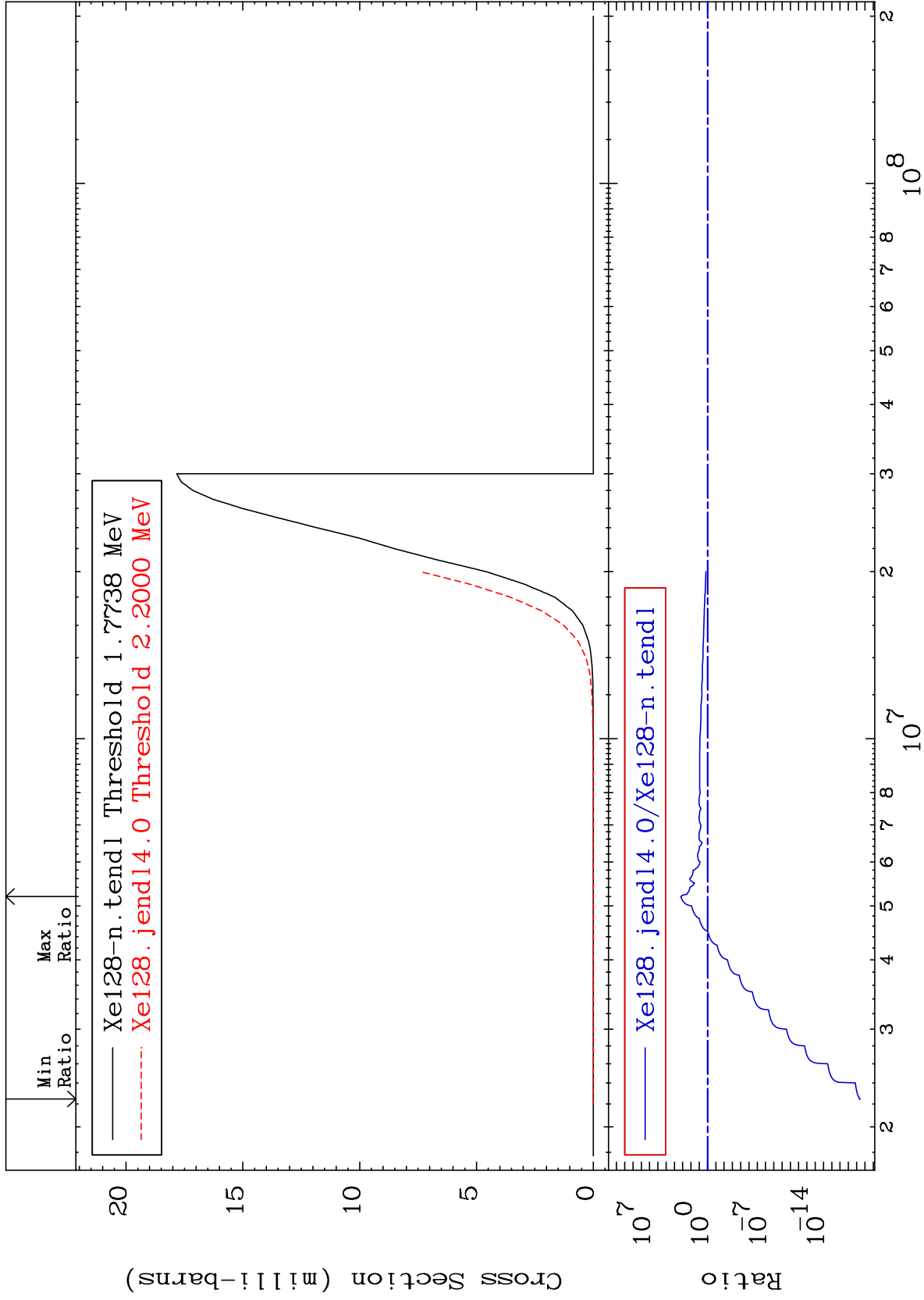
To 90.76 %



MAT 5437

(n, n') α
Cross Section

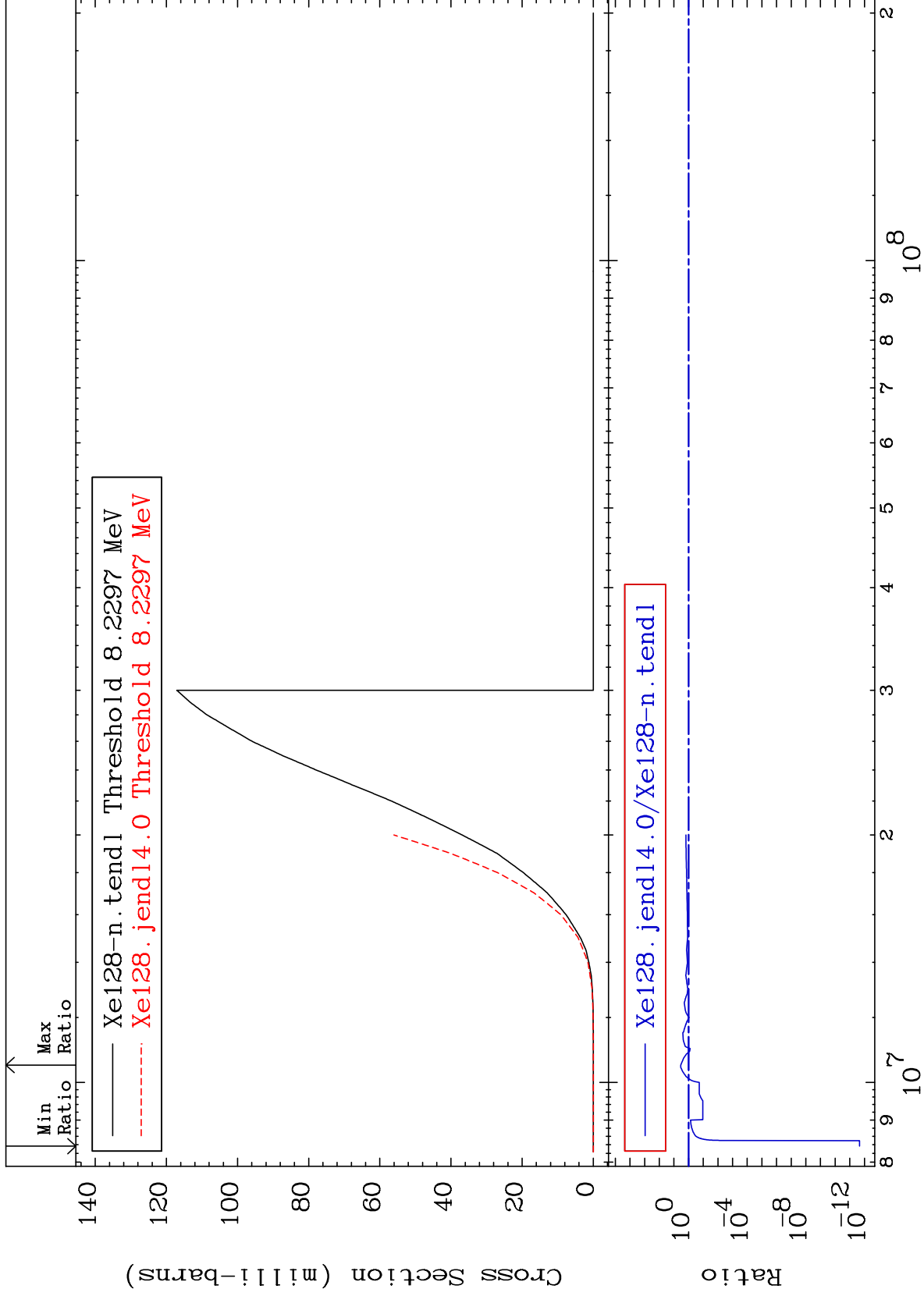
54-Xe-128
-100.0 To 9999. %



MAT 5437

(n,n') p
Cross Section

54-Xe-128
-100.0 To 241.4 %



7

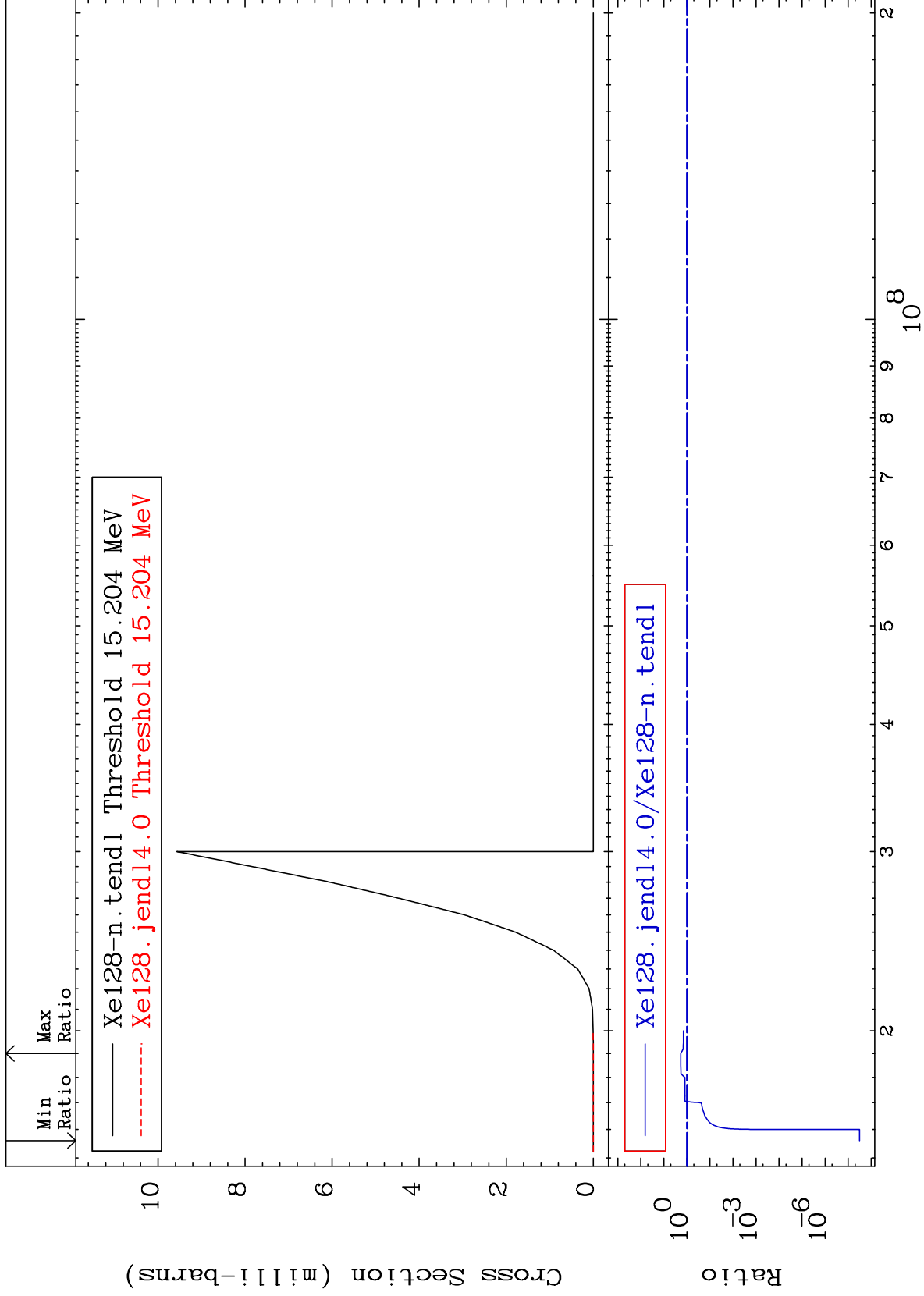
Incident Energy (eV)

54-Xe-128

MAT 5437

(n,n') d
Cross Section

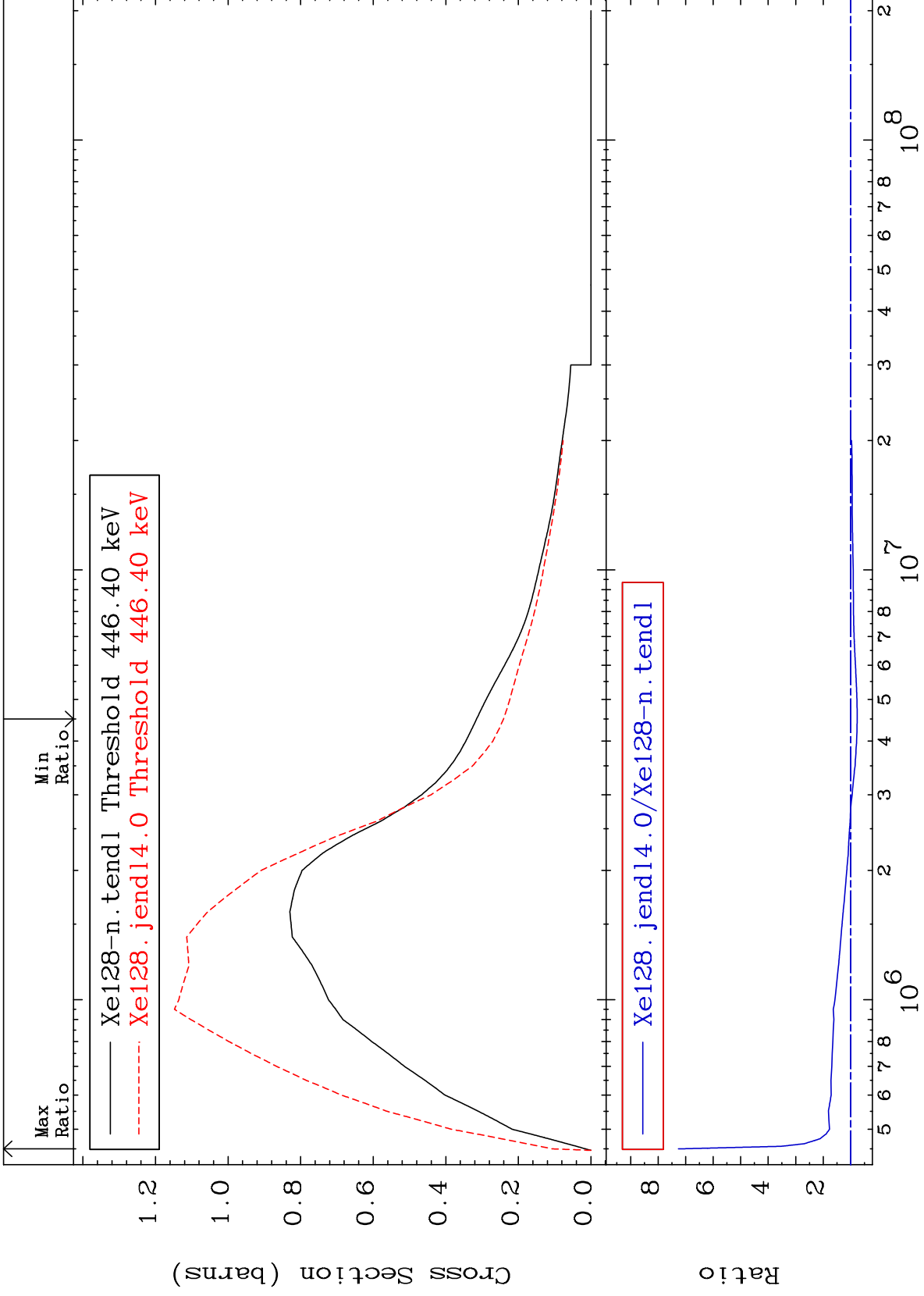
54-Xe-128
-100.0 To 84.51 %



MAT 5437

442.9 keV (n,n') Level
Cross Section

54-Xe-128
-23.53 To 626.2 %



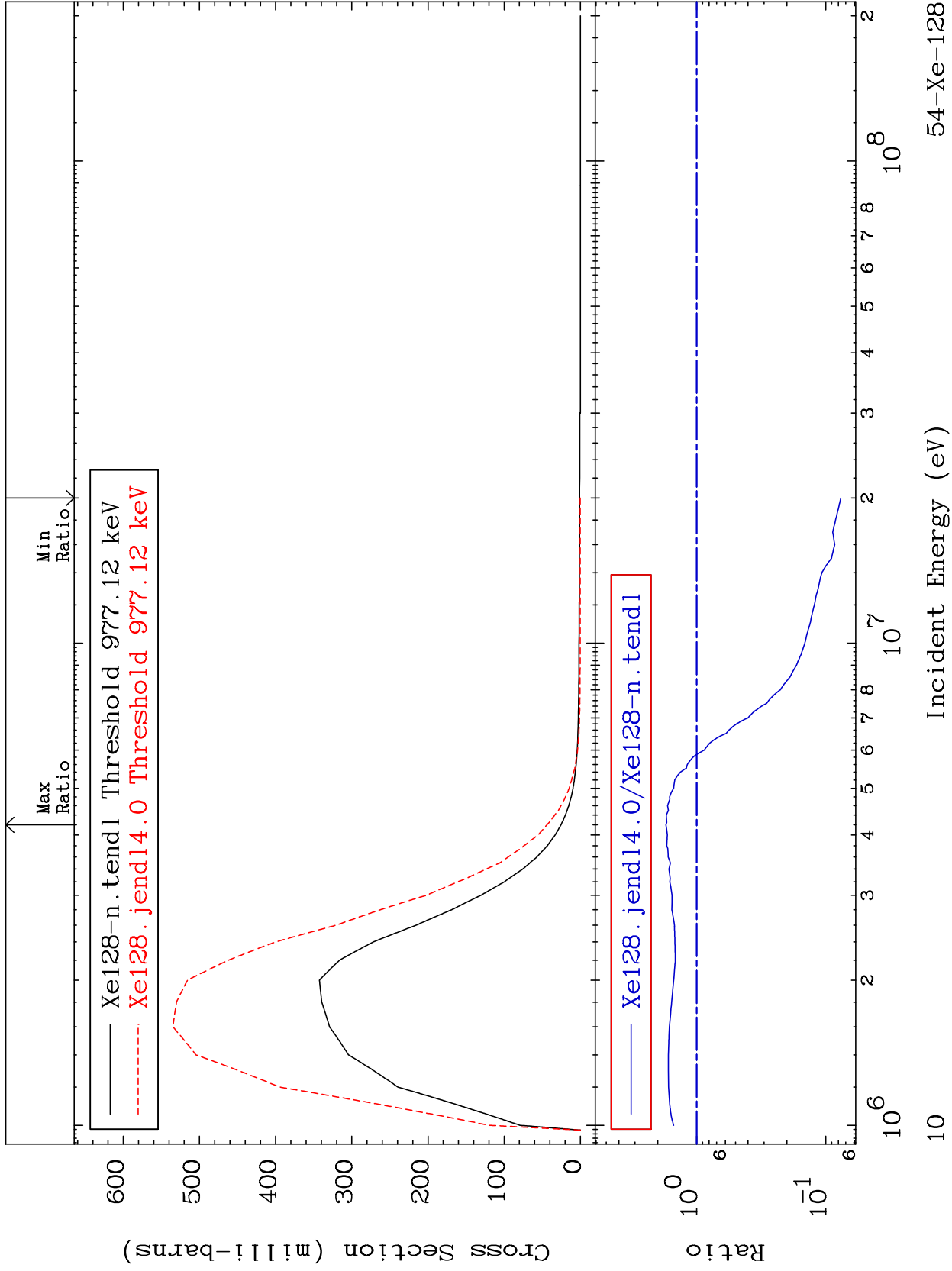
MAT 5437

969.5 keV (n,n') Level

54-Xe-128

-92.35 To 72.73 %

Cross Section



Incident Energy (eV)

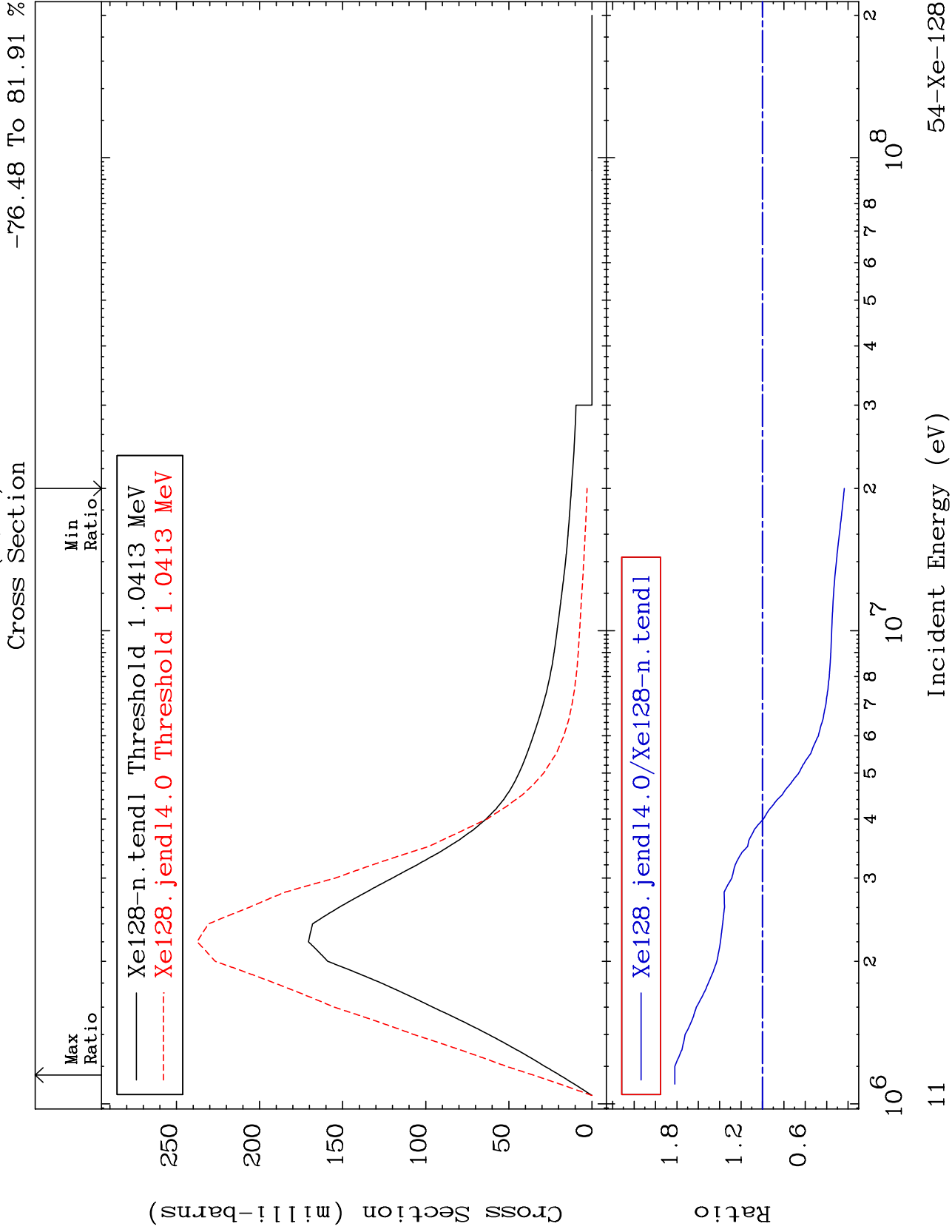
54-Xe-128

MAT 5437

1.033 MeV (n,n') Level

54-Xe-128

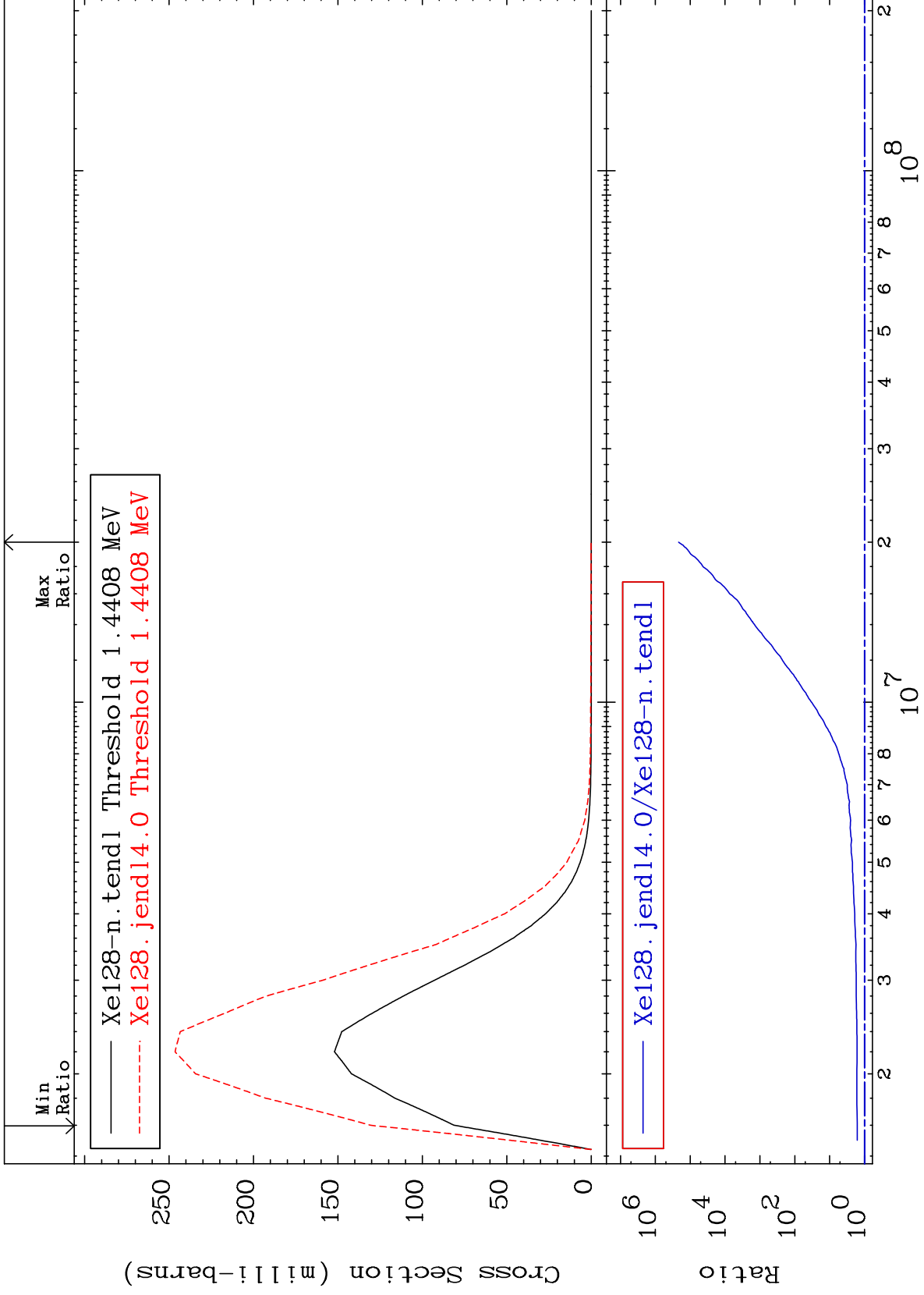
-76.48 To 81.91 %



MAT 5437

1.430 MeV (n,n') Level
Cross Section

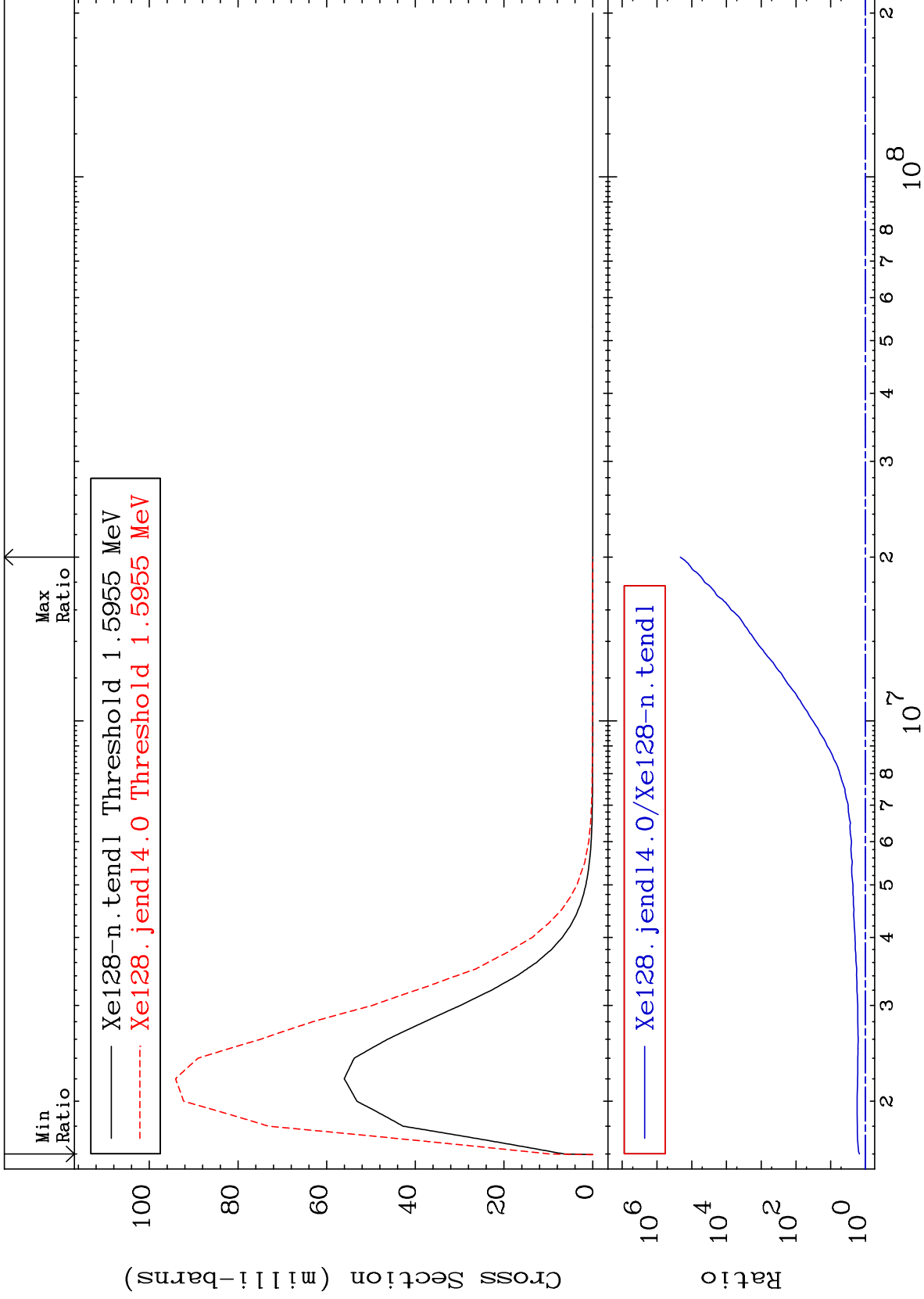
54-Xe-128
60.75 To 9999. %



MAT 5437

1.583 MeV (n,n') Level
Cross Section

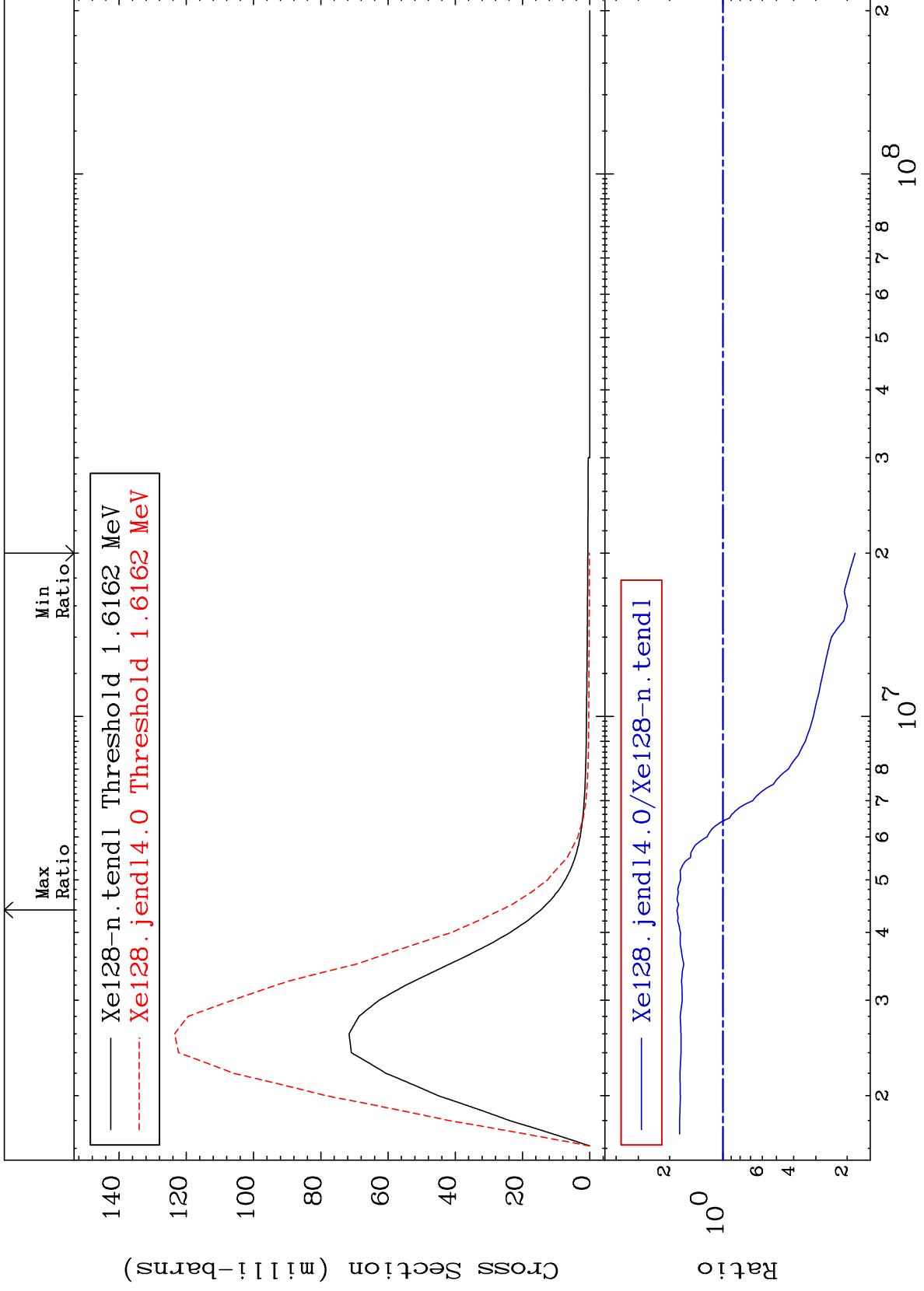
48.81 To 9999. %
54-Xe-128



MAT 5437

1.604 MeV (n,n') Level
Cross Section

54-Xe-128
-81.94 To 81.75 %



14

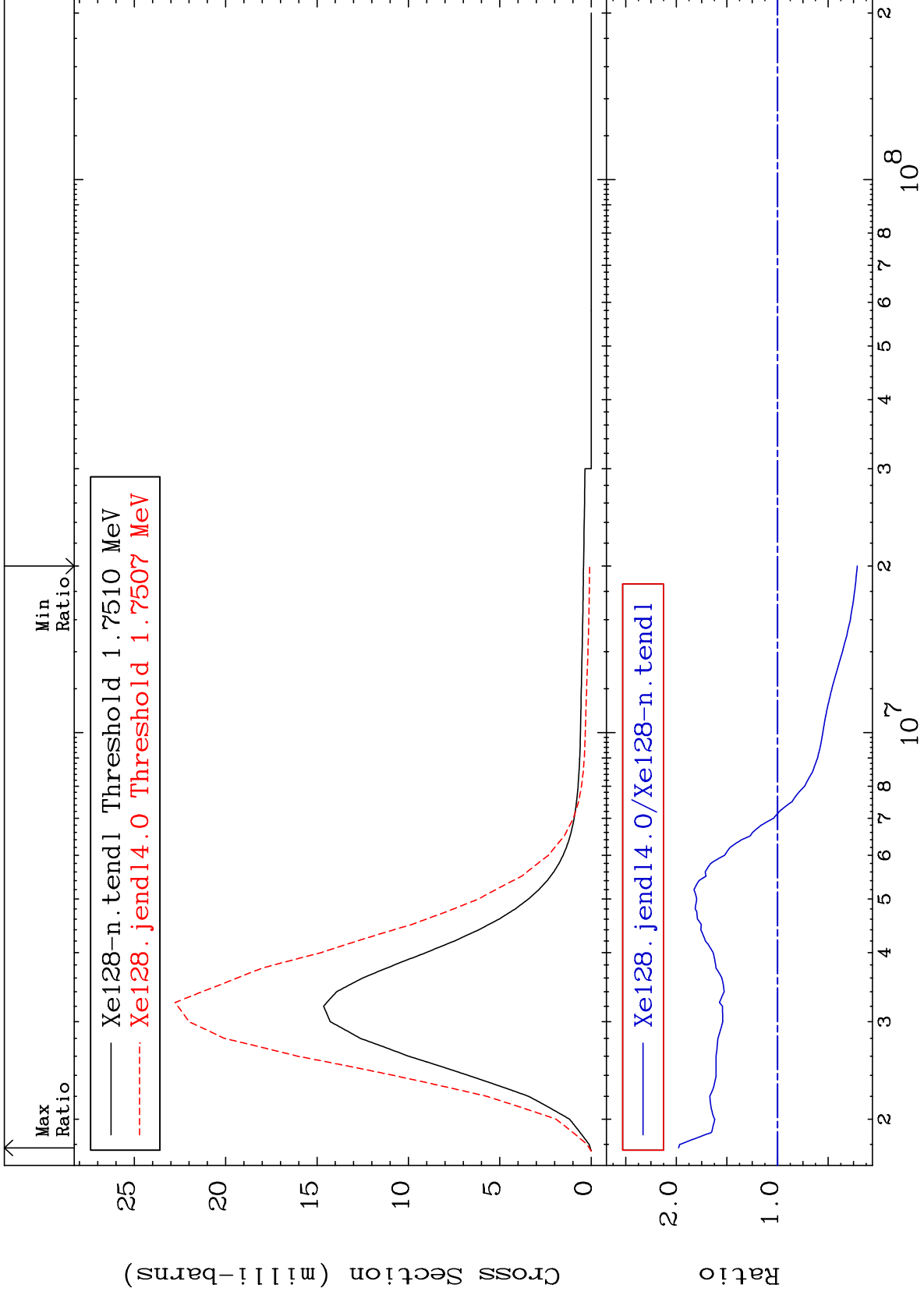
Incident Energy (eV)

54-Xe-128

MAT 5437

1.737 MeV (n,n') Level
Cross Section

54-Xe-128
-78.73 To 97.72 %



15

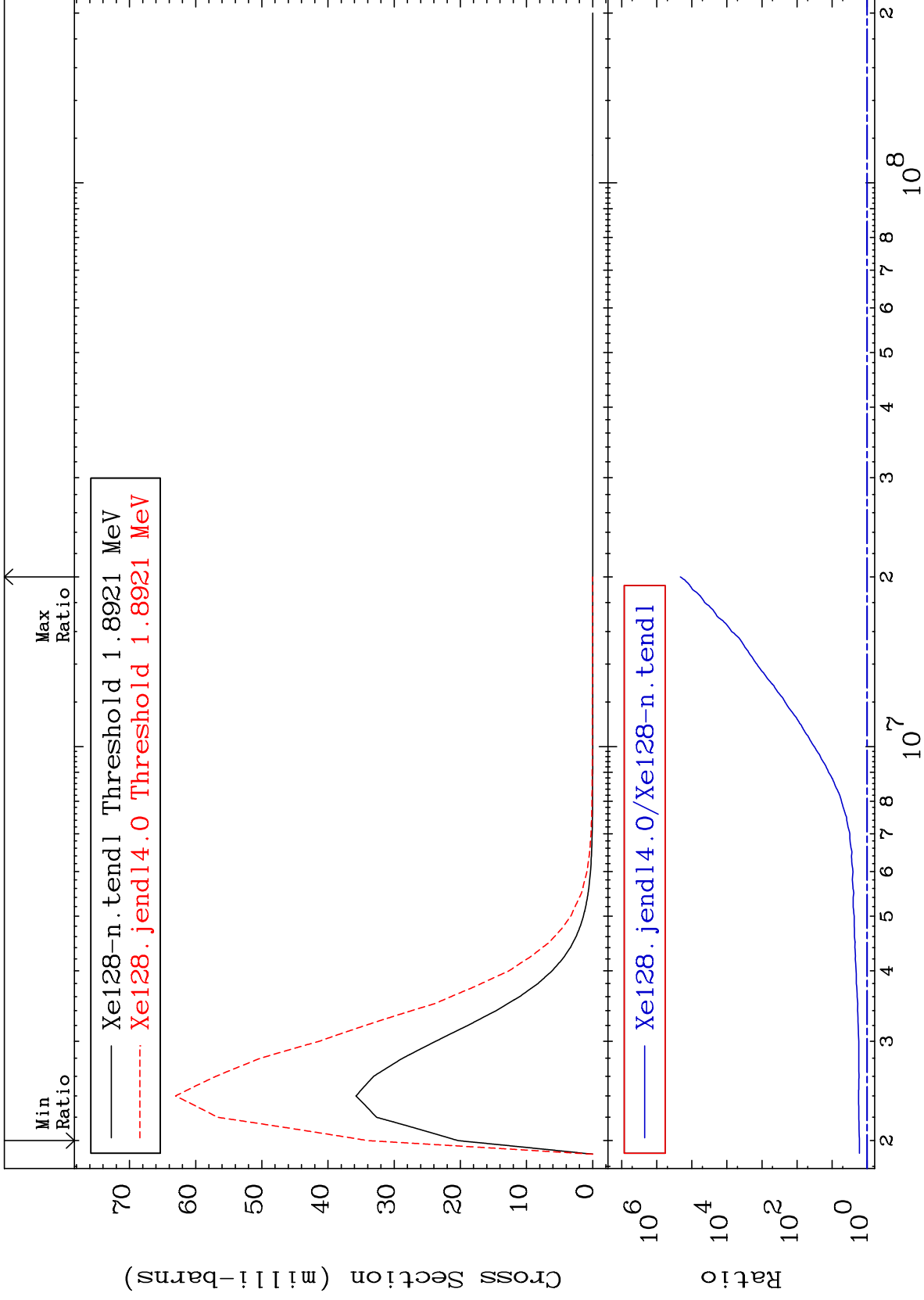
Incident Energy (eV)

54-Xe-128

MAT 5437

1.877 MeV (n,n') Level
Cross Section

54-Xe-128
66.80 To 9999. %



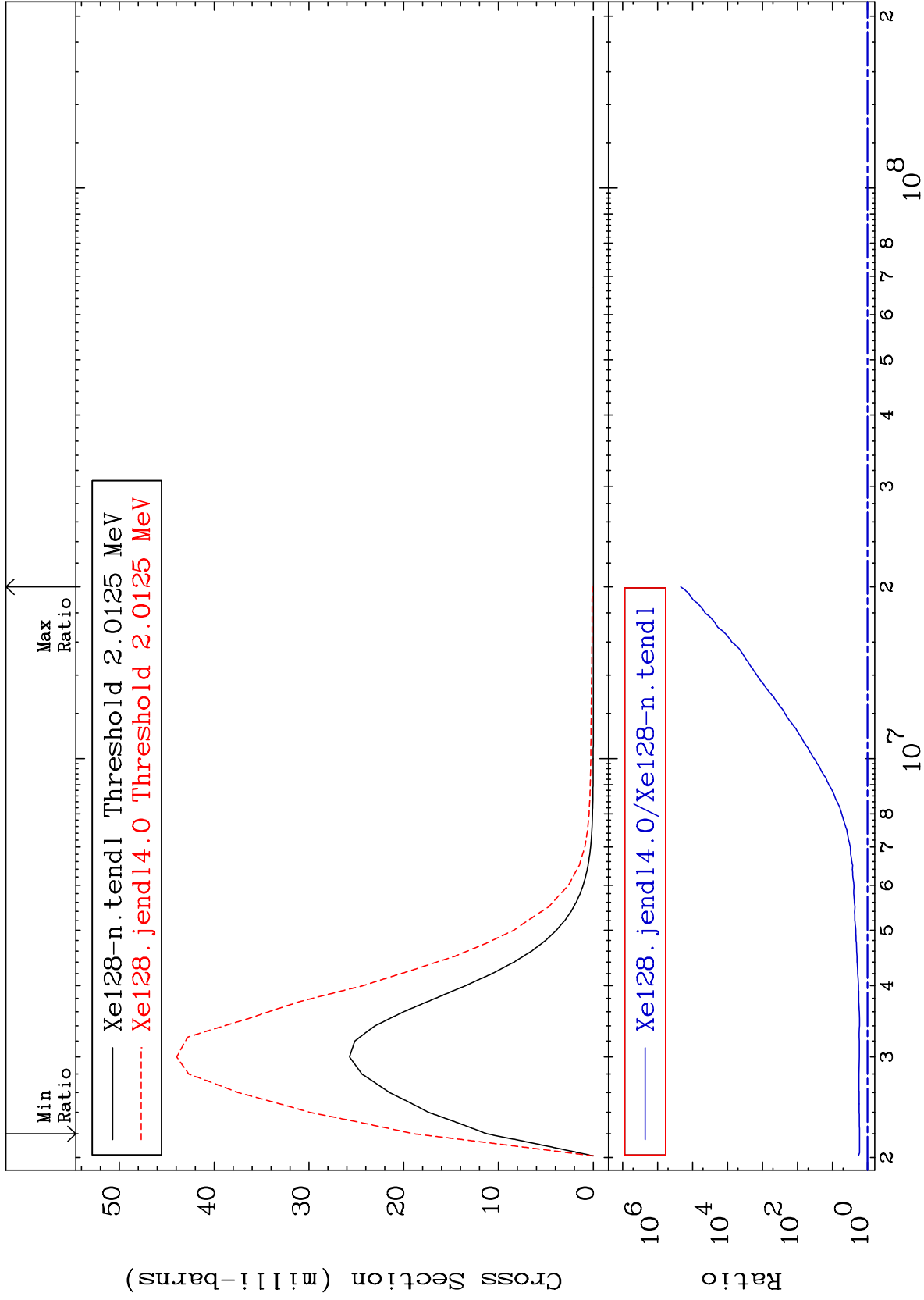
MAT 5437

1.997 MeV (n,n') Level

54-Xe-128

68.47 To 9999. %

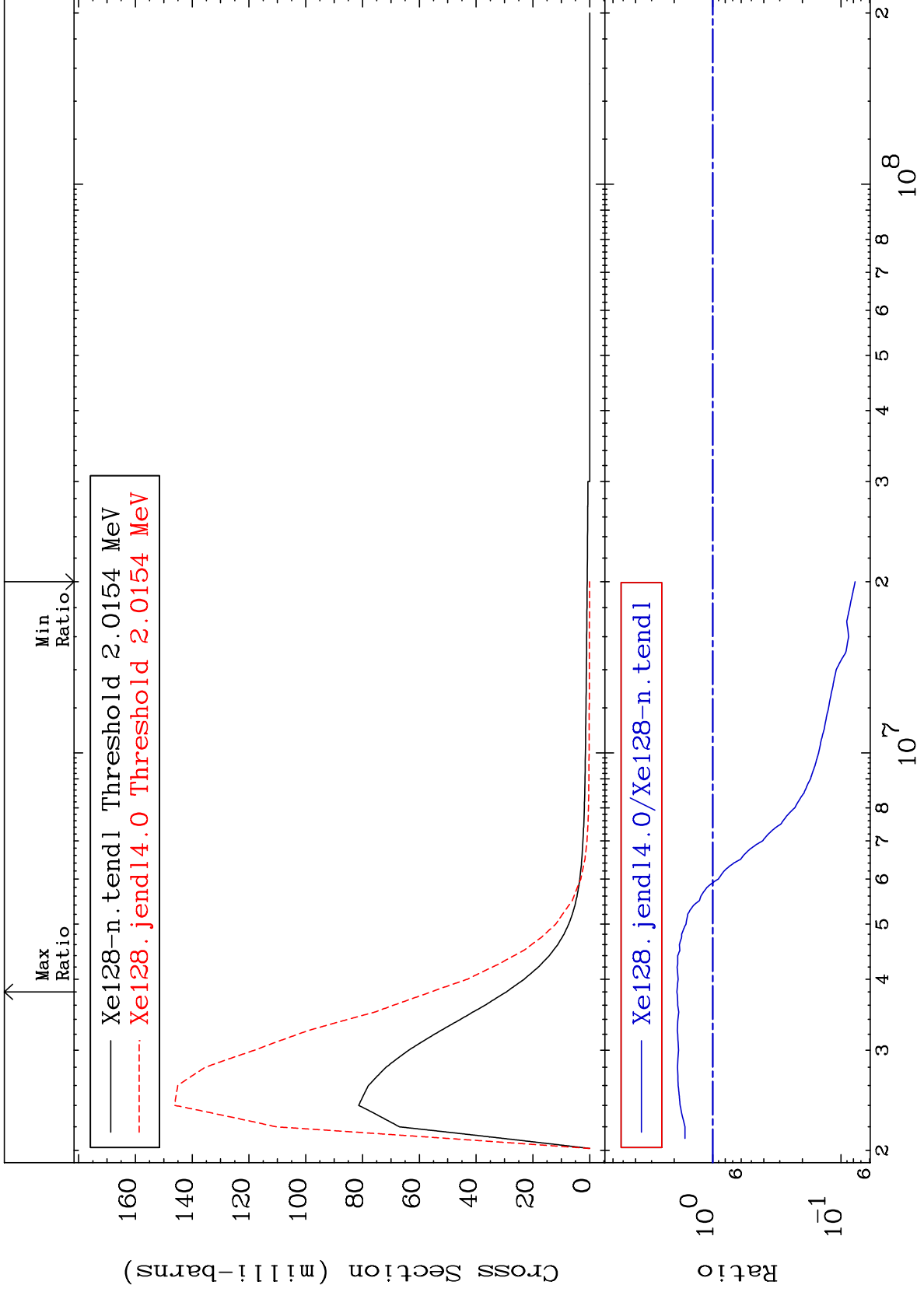
Cross Section



MAT 5437

2.000 MeV (n,n') Level
Cross Section

54-Xe-128
-92.23 To 90.40 %



18

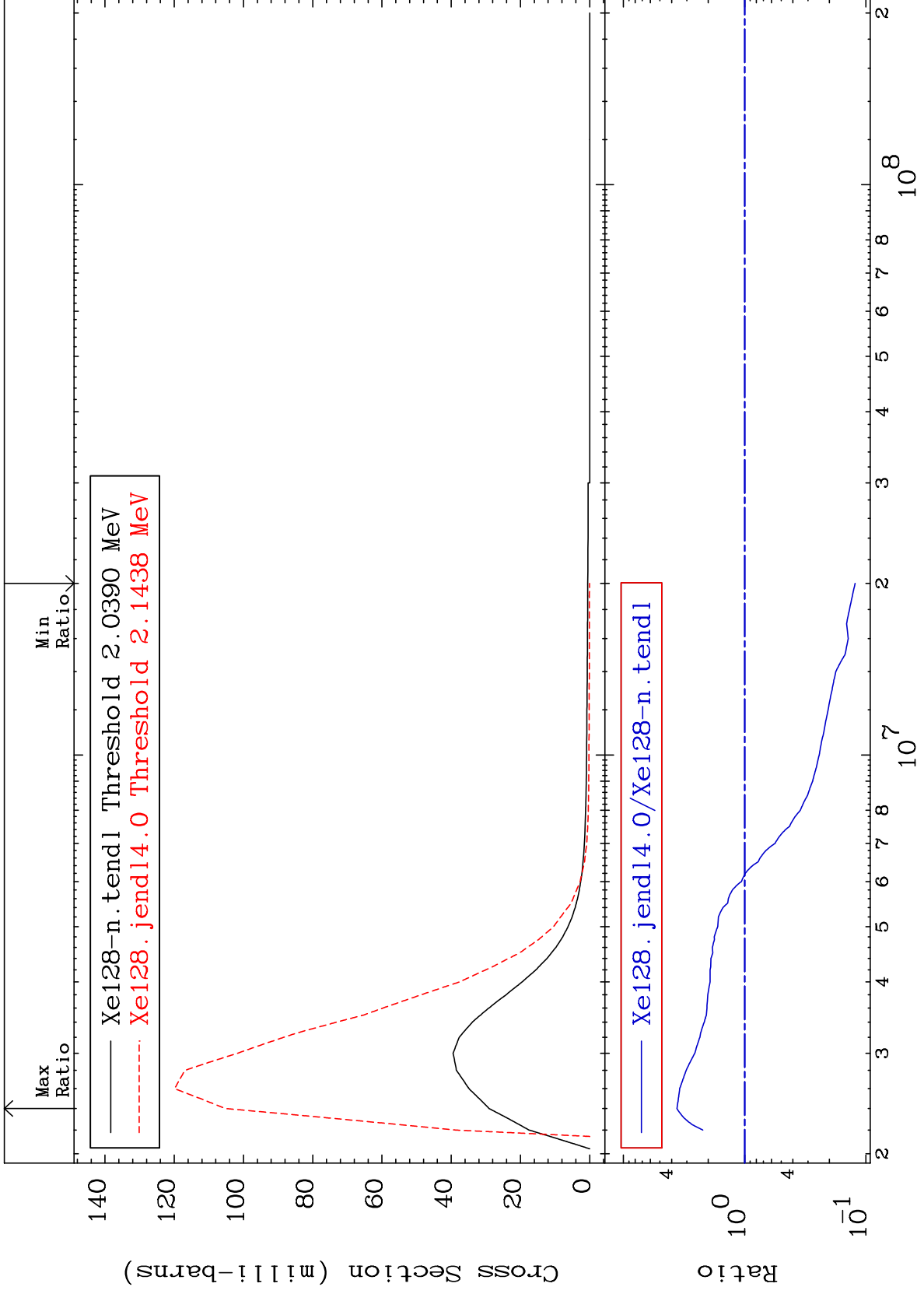
Incident Energy (eV)

54-Xe-128

MAT 5437

2.023 MeV (n,n') Level
Cross Section

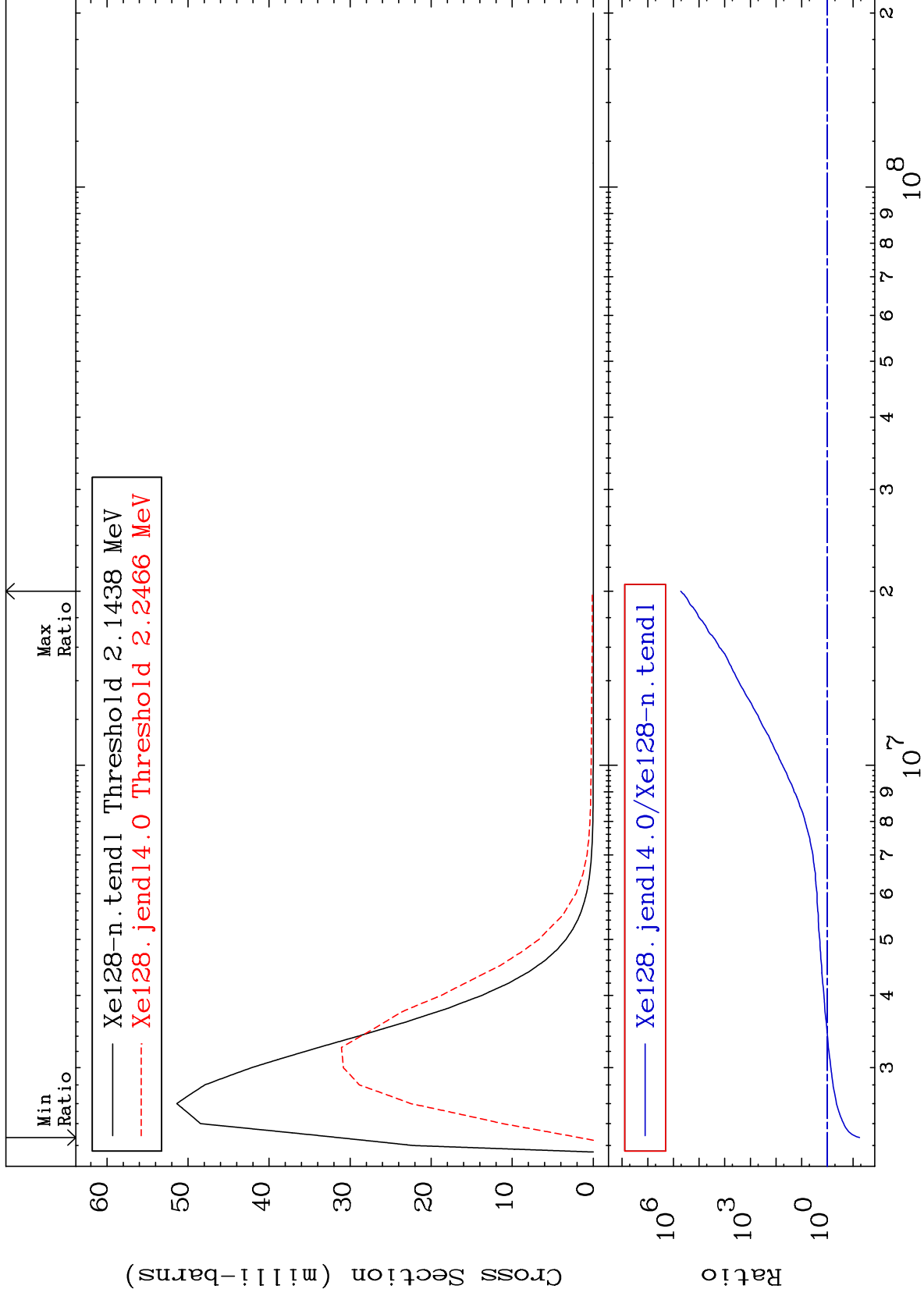
54-Xe-128
-87.72 To 262.1 %



MAT 5437

2.127 MeV (n,n') Level
Cross Section

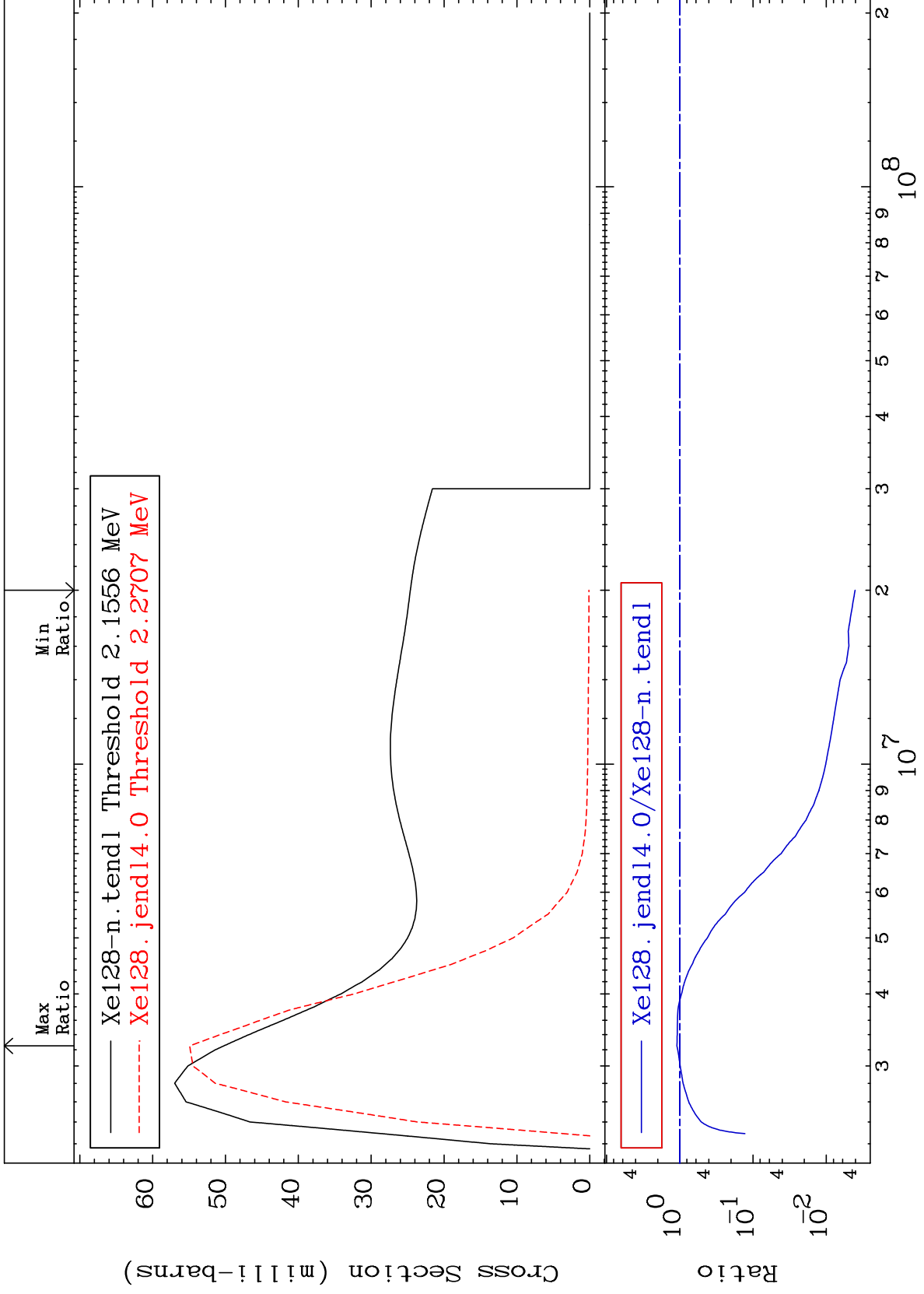
54-Xe-128
-94.44 To 9999. %



MAT 5437

2.139 MeV (n,n') Level
Cross Section

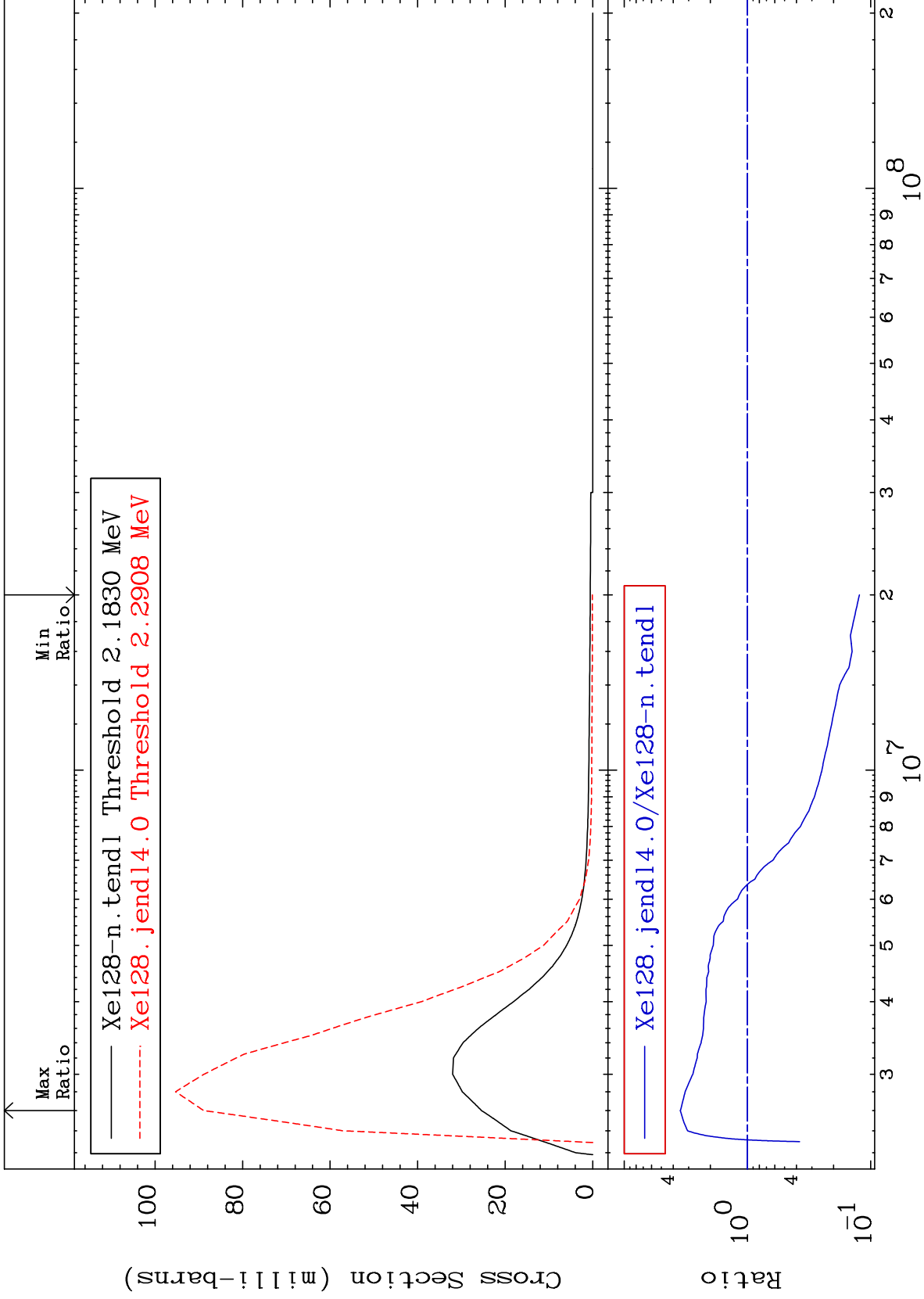
54-Xe-128
-99.59 To 9.323 %



MAT 5437

2.166 MeV (n,n') Level
Cross Section

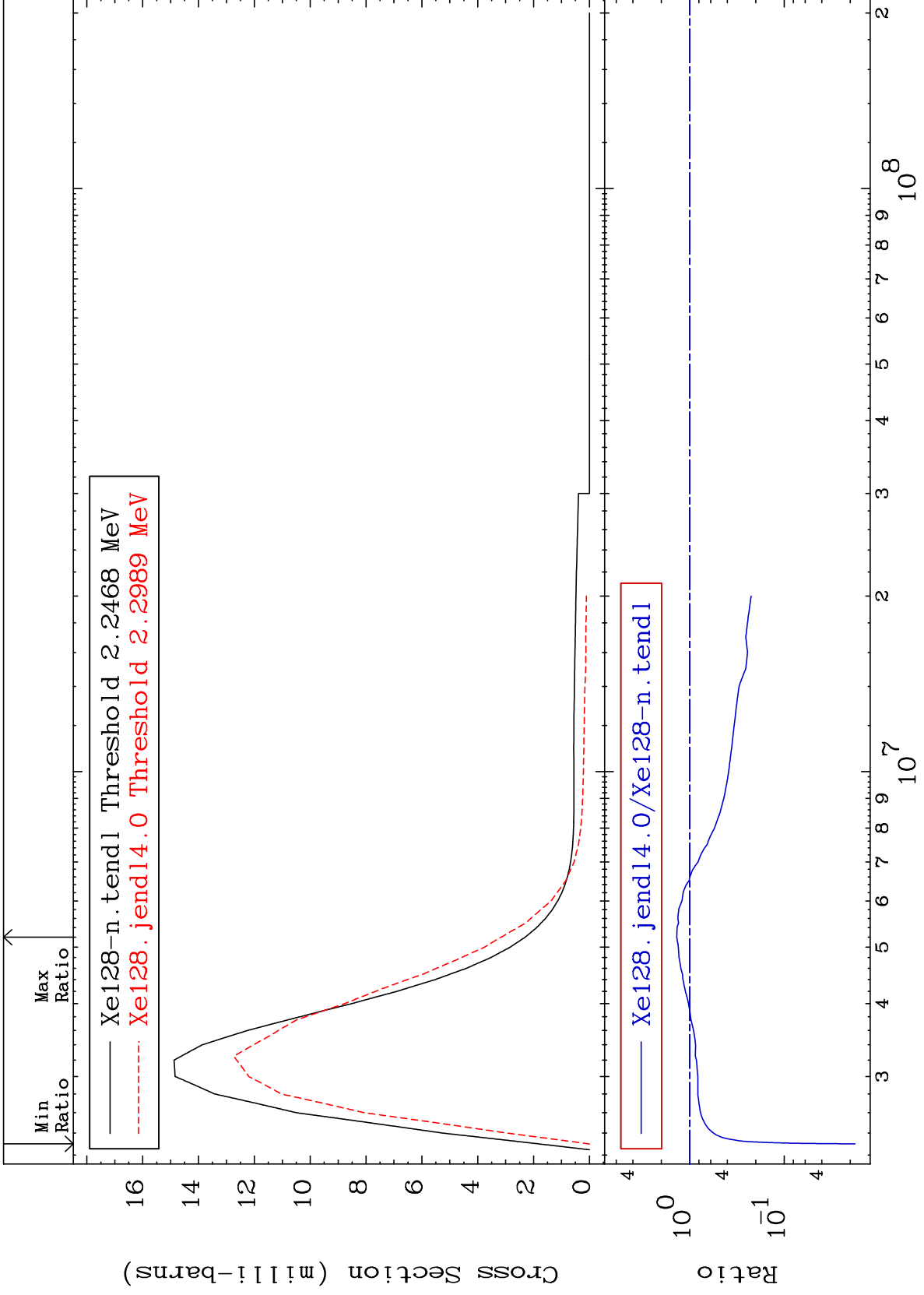
54-Xe-128
-87.65 To 249.9 %



MAT 5437

2.229 MeV (n,n') Level
Cross Section

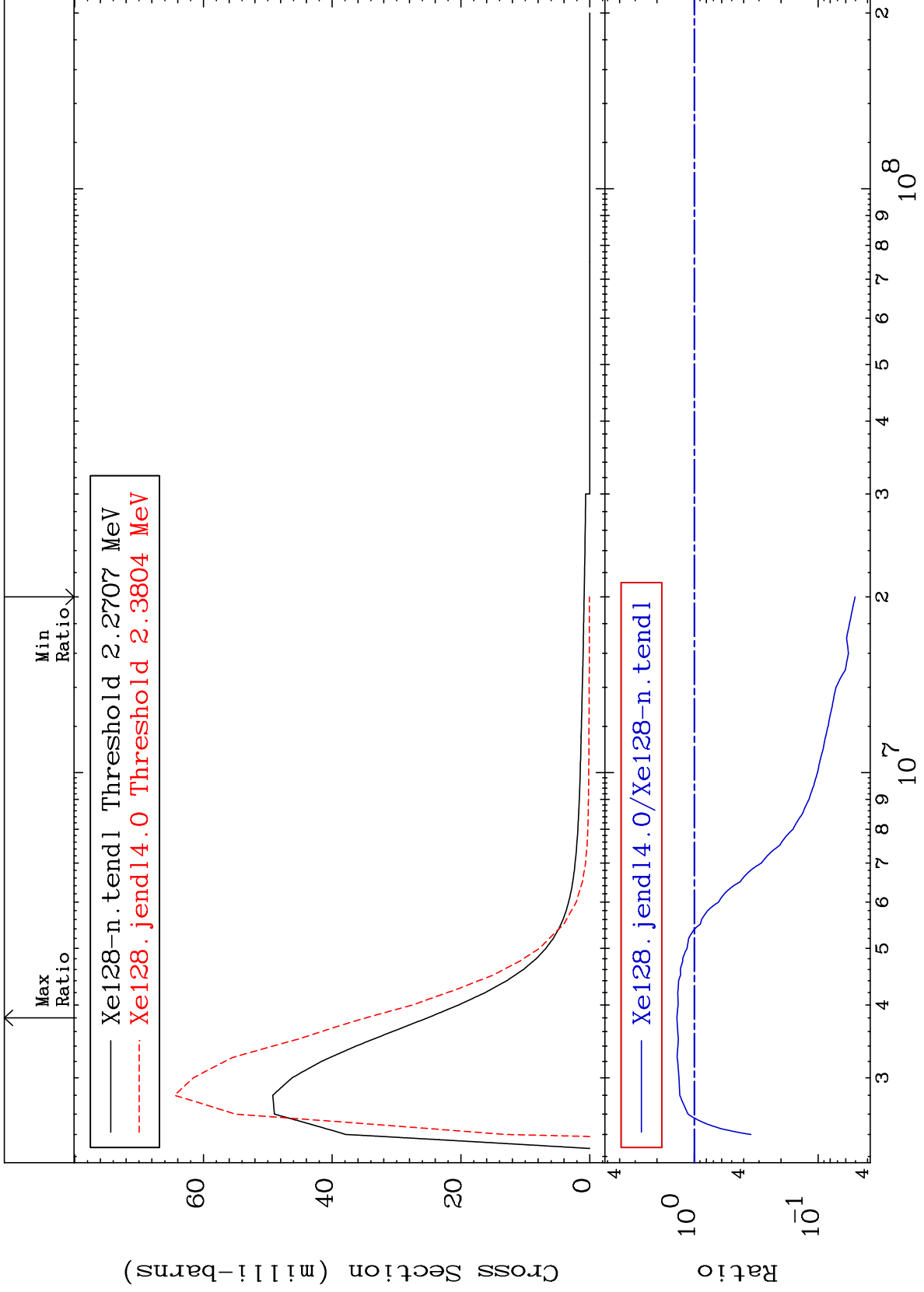
54-Xe-128
-98.22 To 37.35 %



MAT 5437

2.253 MeV (n,n') Level
Cross Section

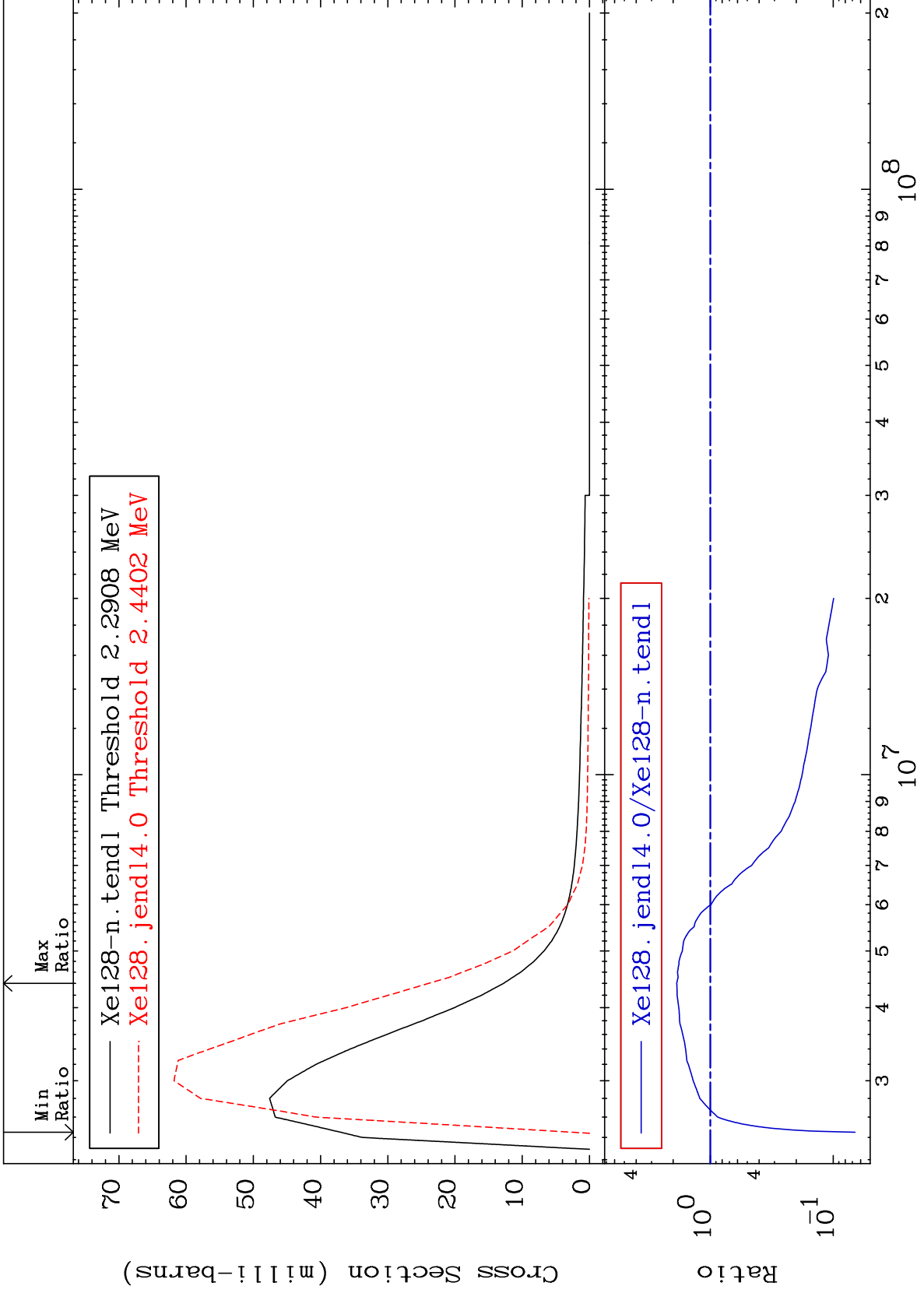
54-Xe-128
-94.96 To 38.09 %



MAT 5437

2.273 MeV (n,n') Level
Cross Section

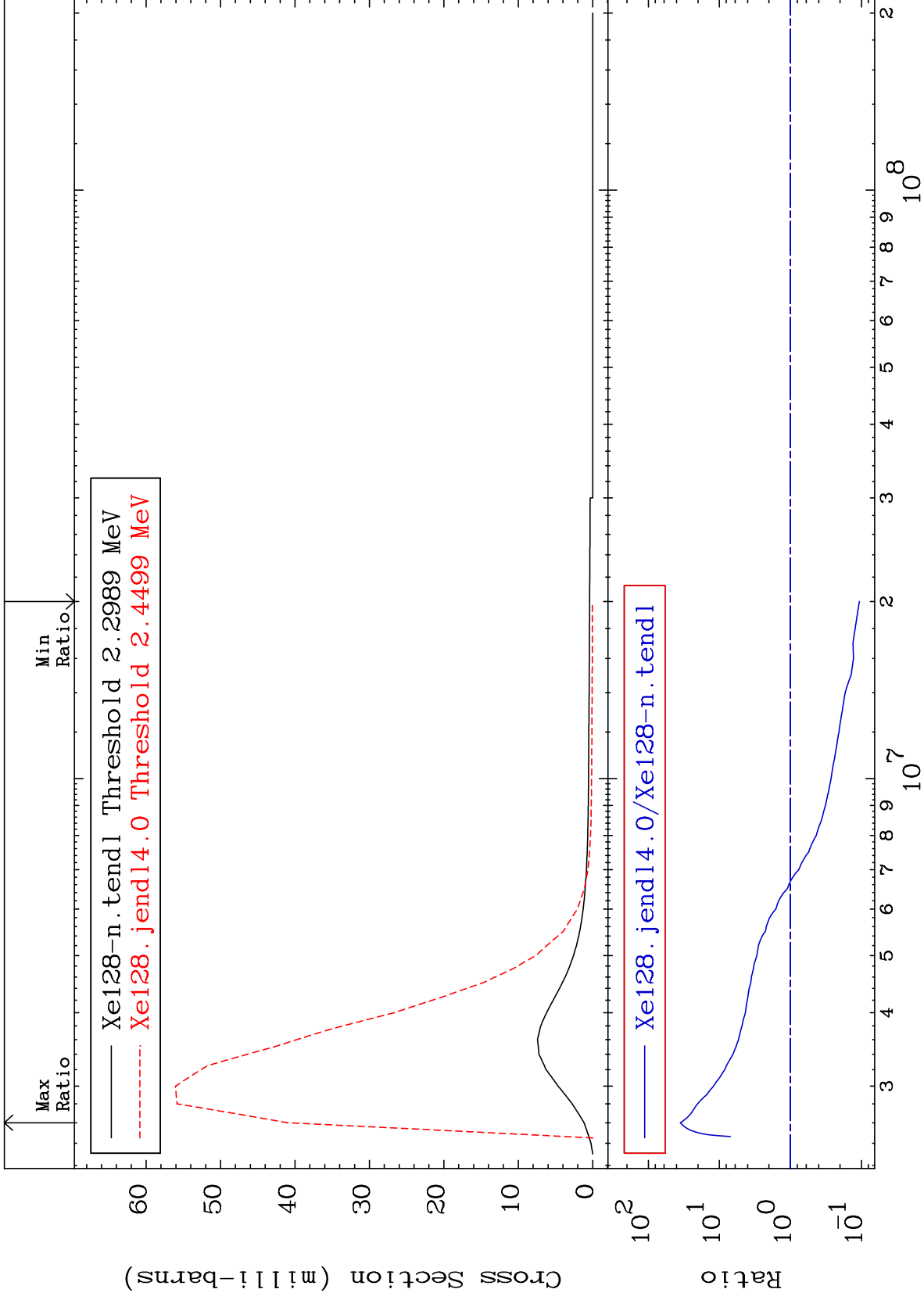
54-Xe-128
-93.35 To 87.40 %



MAT 5437

2.281 MeV (n,n') Level
Cross Section

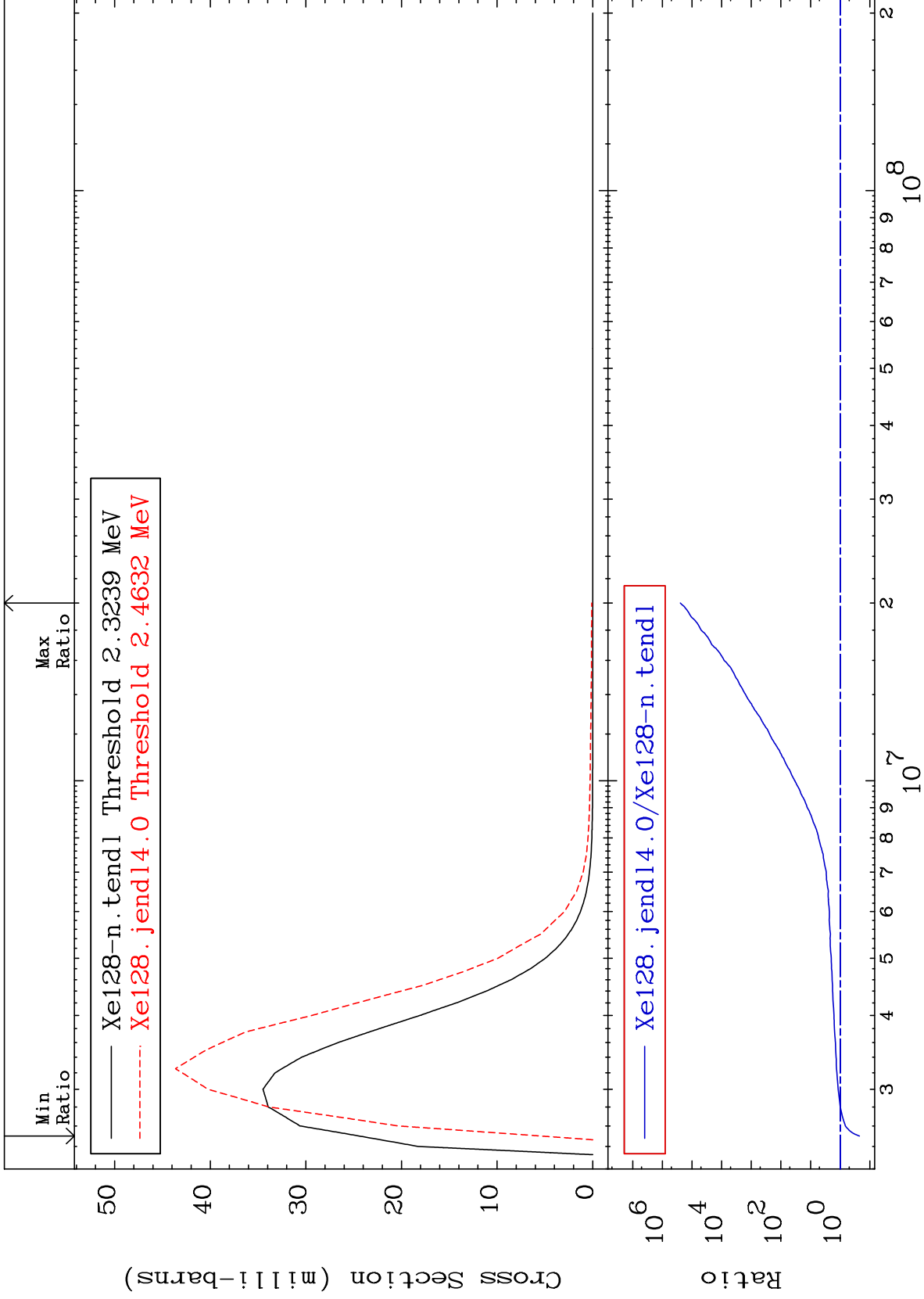
54-Xe-128
-89.32 To 3440. %



MAT 5437

2.306 MeV (n,n') Level
Cross Section

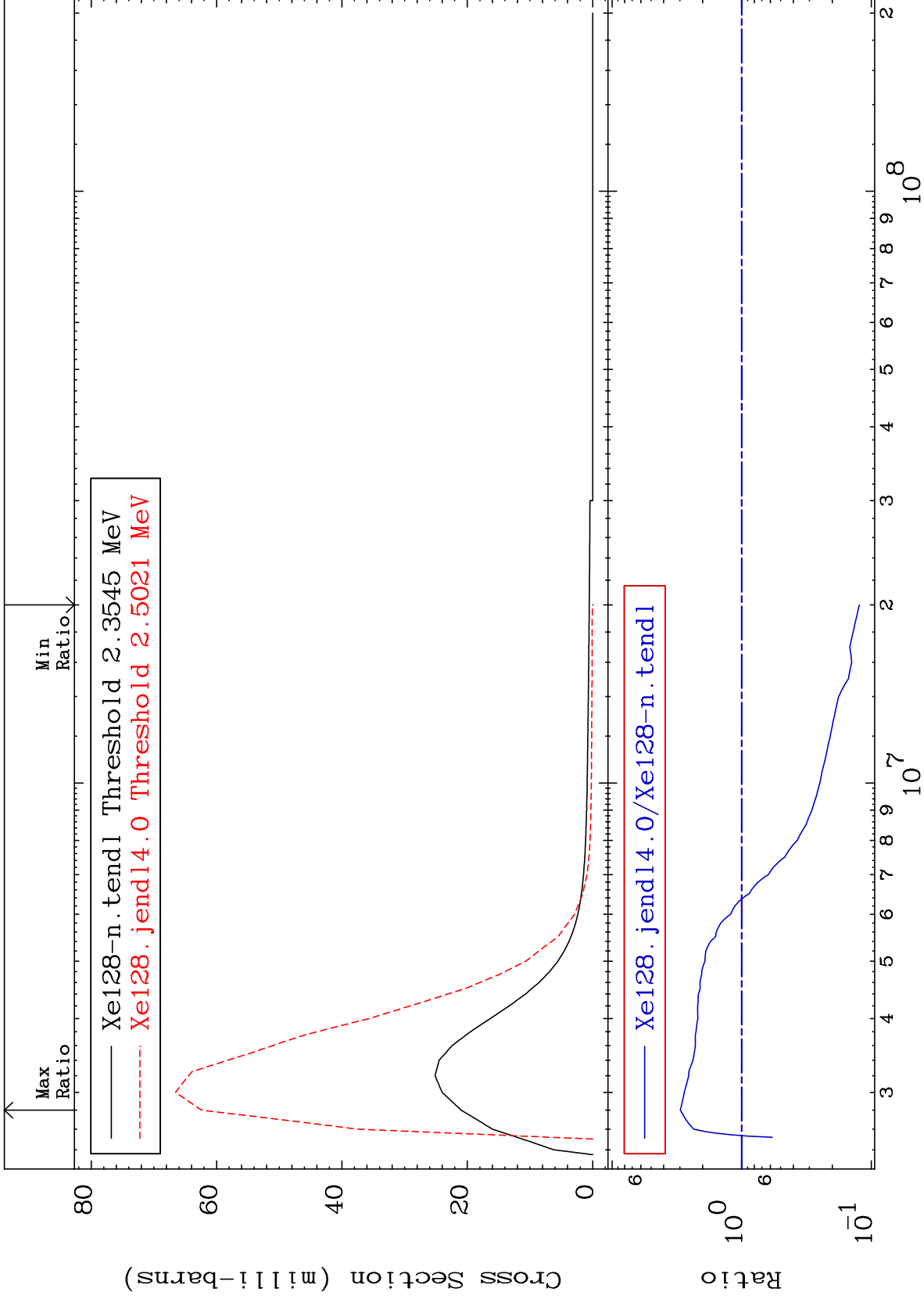
54-Xe-128
-77.57 To 9999. %



MAT 5437

2.336 MeV (n,n') Level
Cross Section

54-Xe-128
-87.66 To 197.3 %



28

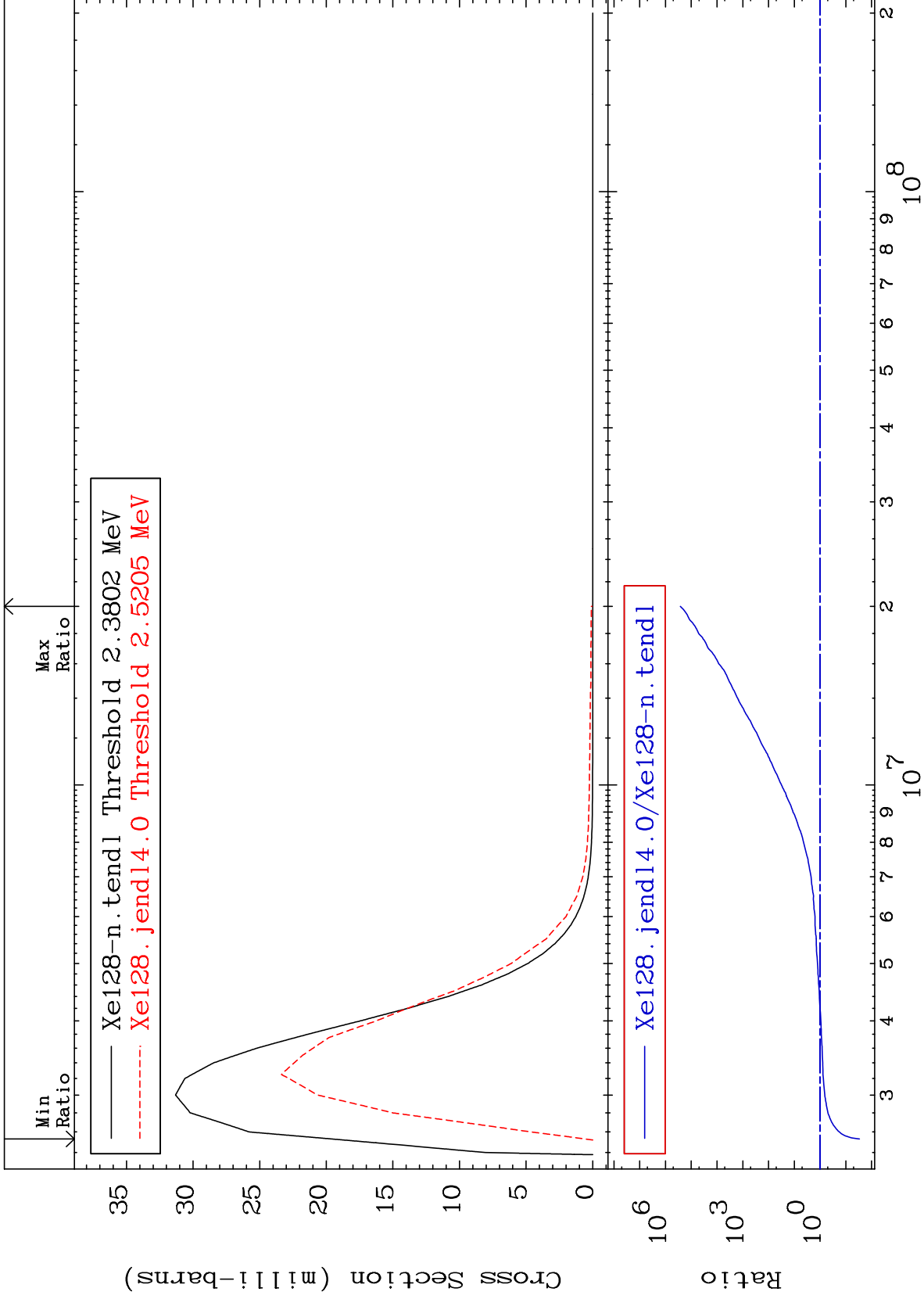
Incident Energy (eV)

54-Xe-128

MAT 5437

2.362 MeV (n,n') Level
Cross Section

54-Xe-128
-97.03 To 9999. %



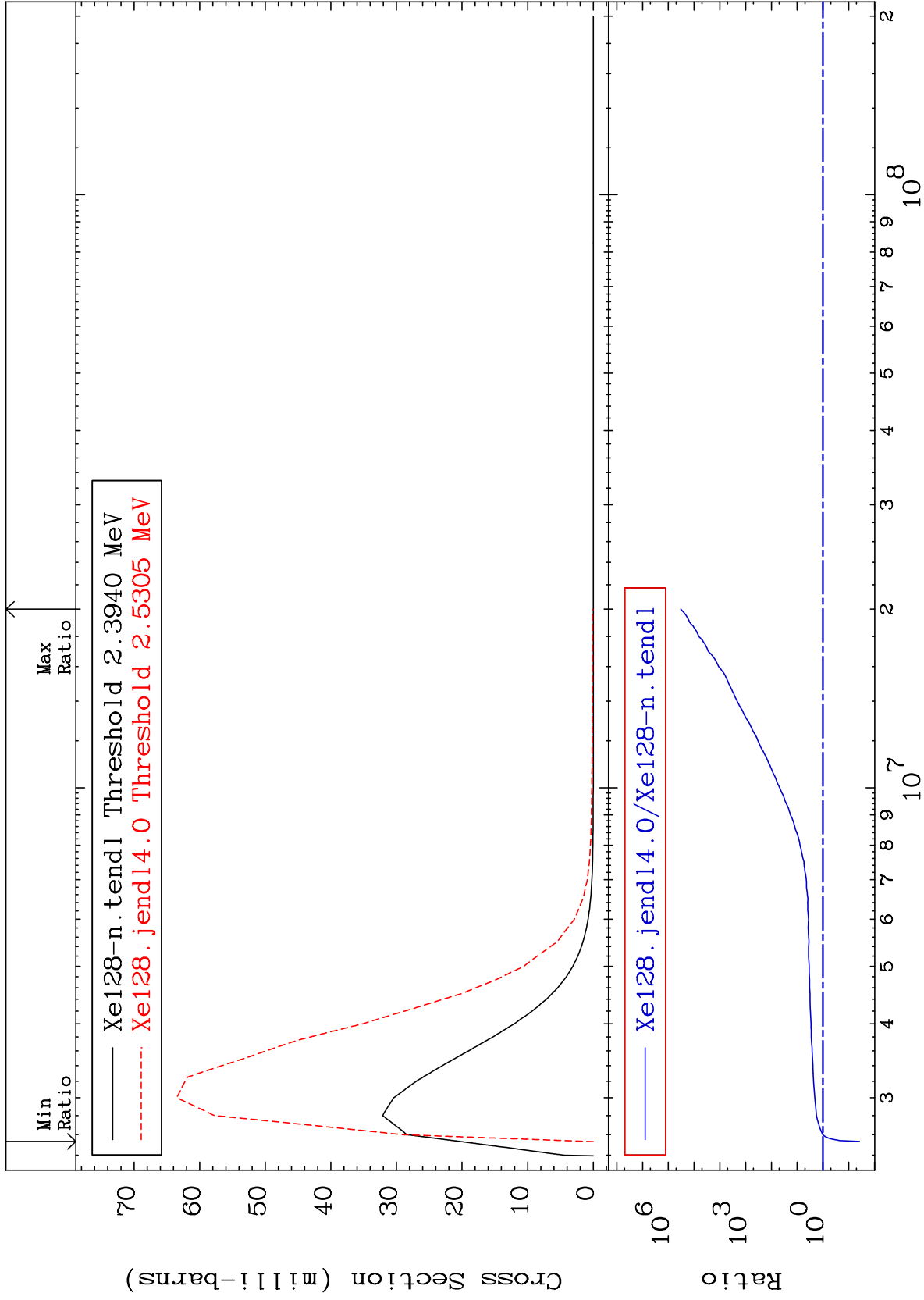
MAT 5437

2.375 MeV (n,n') Level

54-Xe-128

-96.20 To 9999. %

Cross Section



30

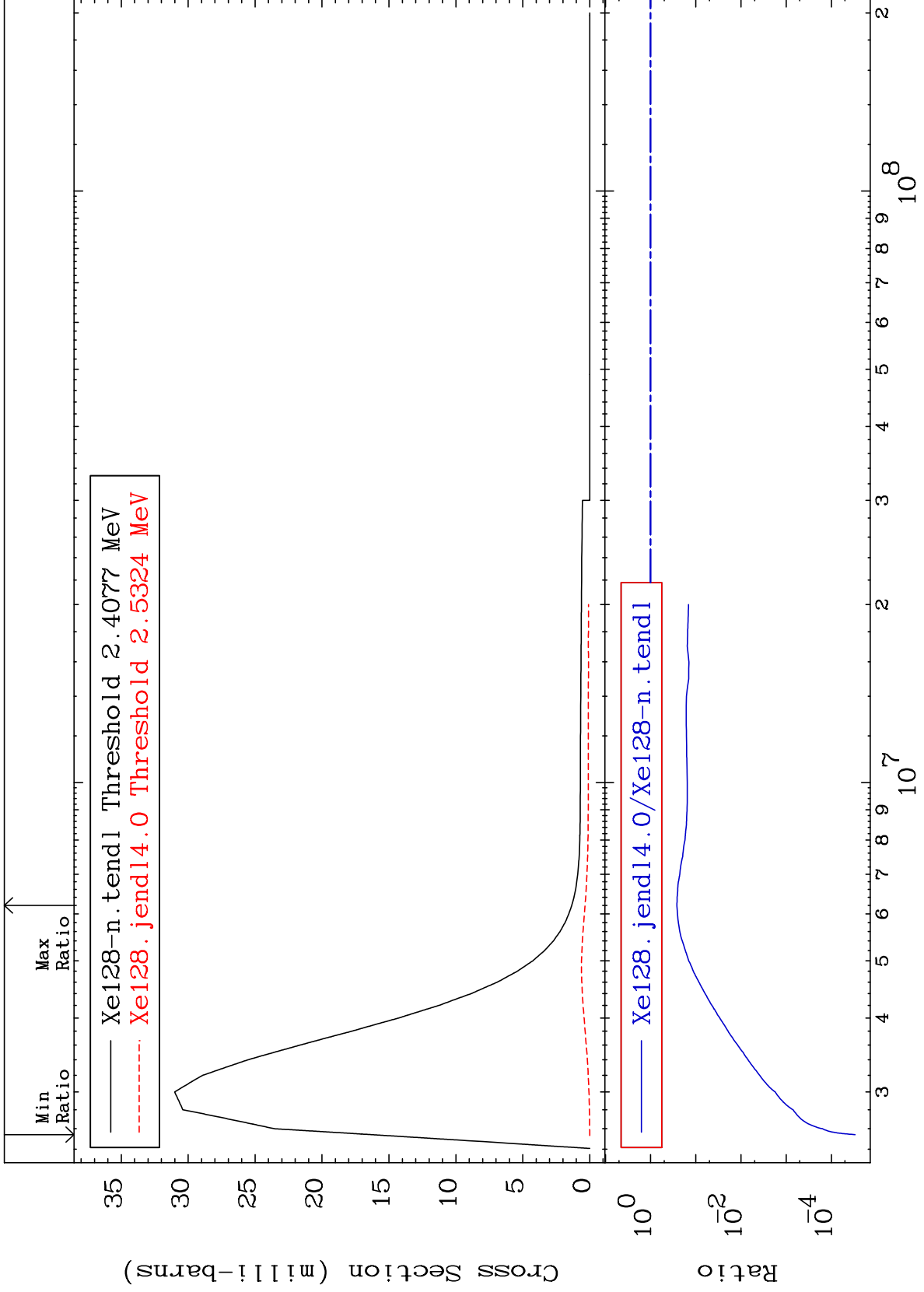
Incident Energy (eV)

54-Xe-128

MAT 5437

2.389 MeV (n,n') Level
Cross Section

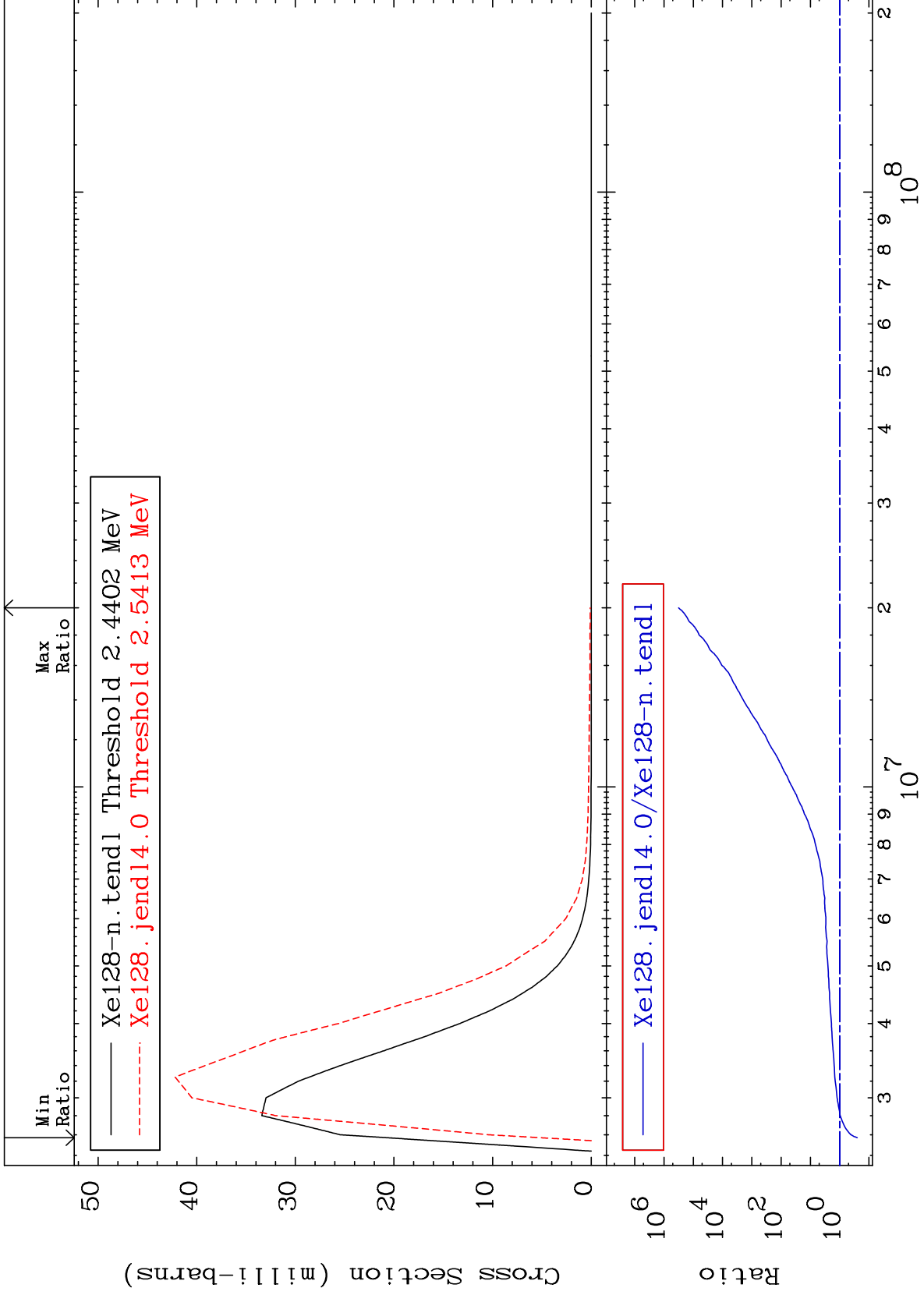
54-Xe-128
-100.0 To -73.83%



MAT 5437

2.421 MeV (n,n') Level
Cross Section

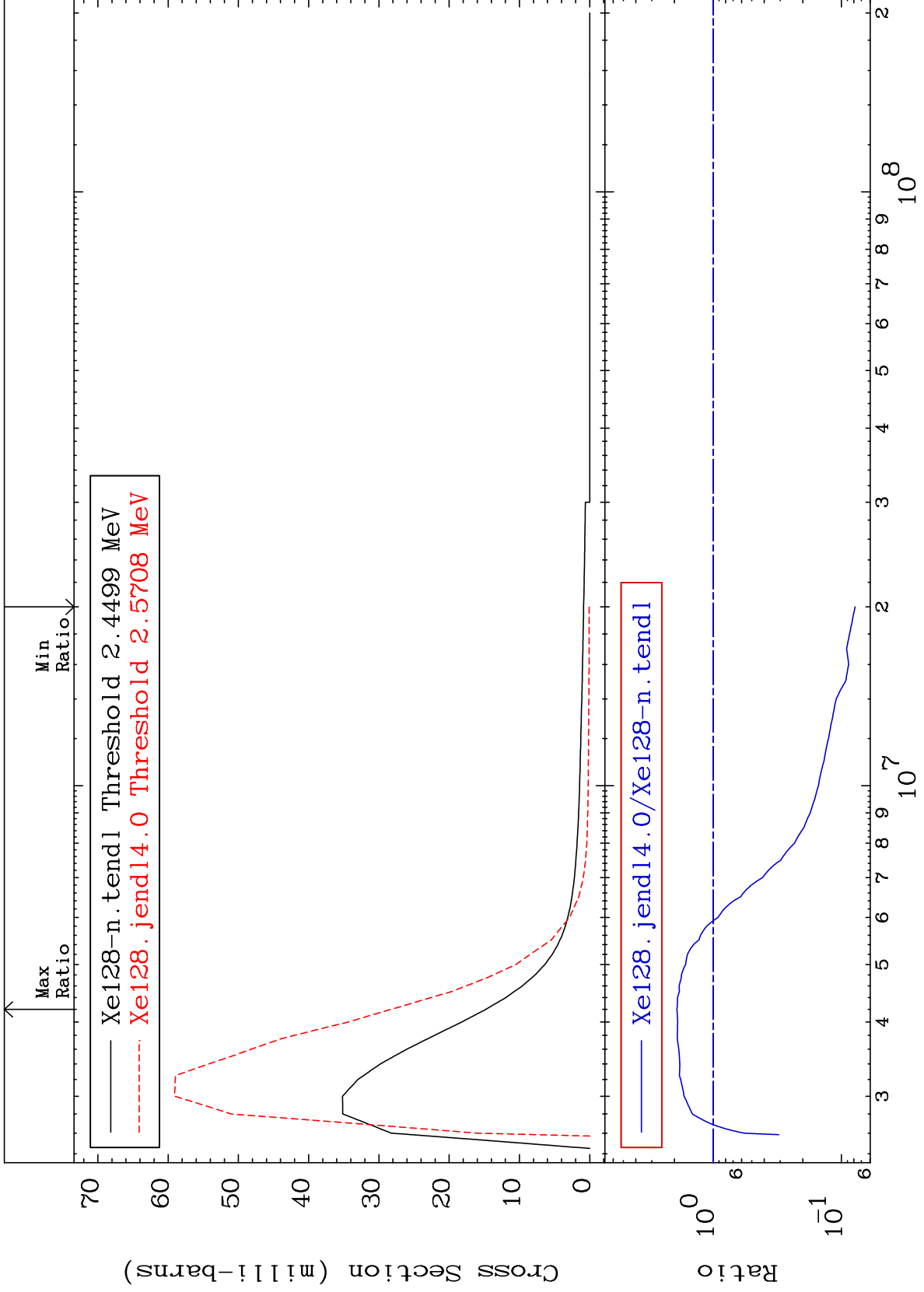
54-Xe-128
-74.88 To 9999. %



MAT 5437

2.431 MeV (n,n') Level
Cross Section

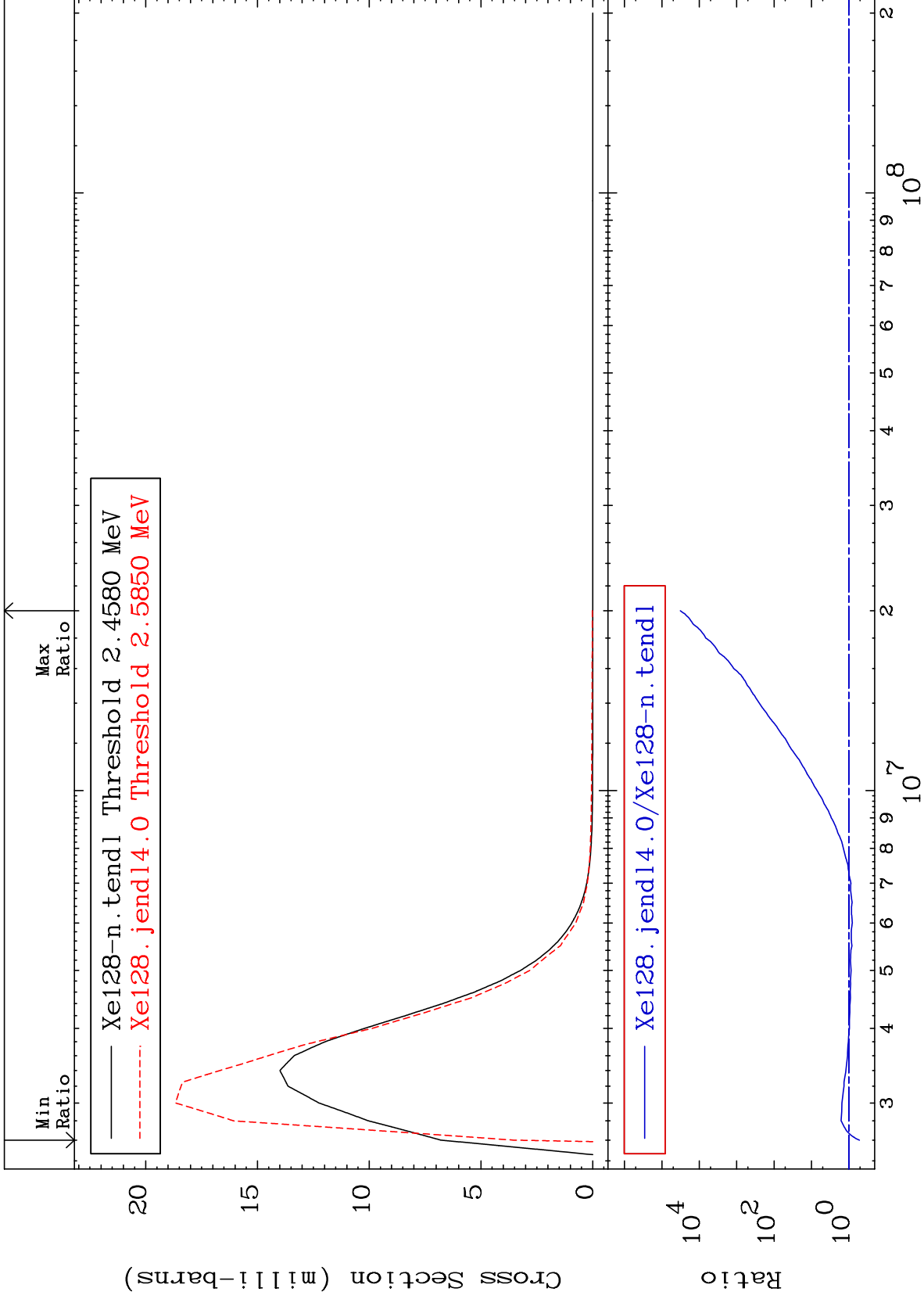
54-Xe-128
-92.16 To 91.41 %



MAT 5437

2.439 MeV (n,n') Level
Cross Section

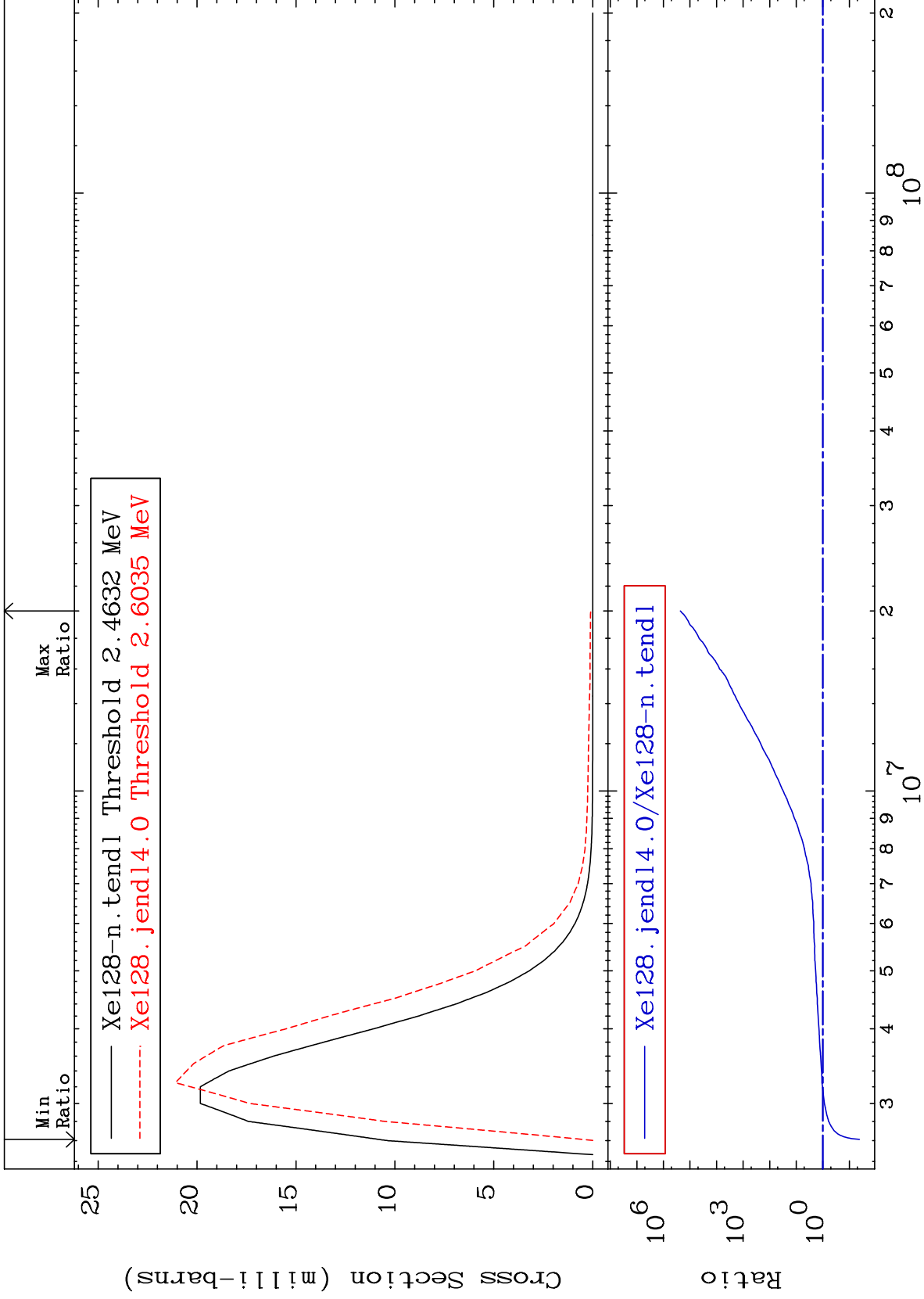
54-Xe-128
-48.01 To 9999. %



MAT 5437

2.444 MeV (n,n') Level
Cross Section

54-Xe-128
-95.81 To 9999. %



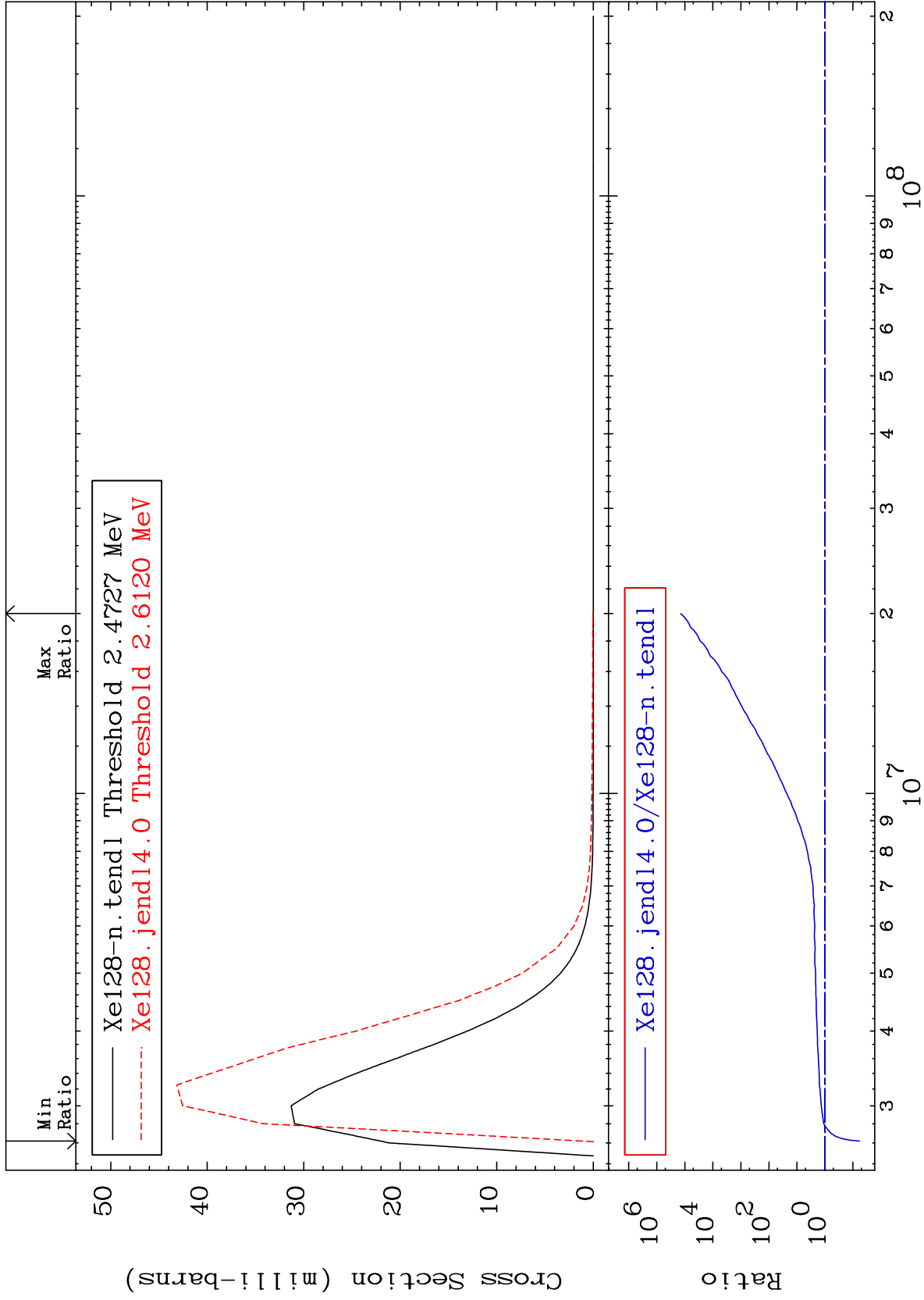
MAT 5437

2.453 MeV (n,n') Level

54-Xe-128

-94.17 To 9999. %

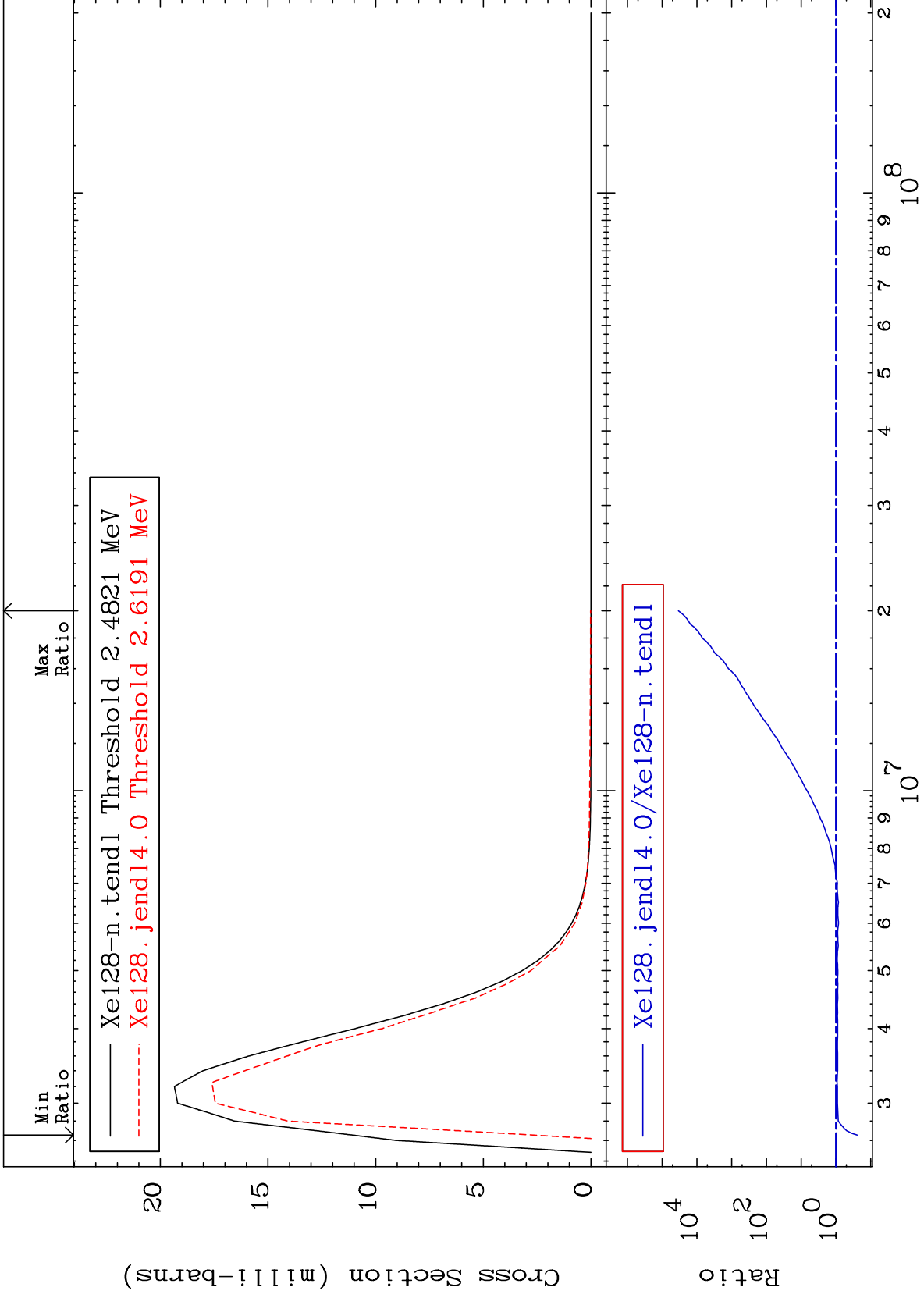
Cross Section



MAT 5437

2.463 MeV (n,n') Level
Cross Section

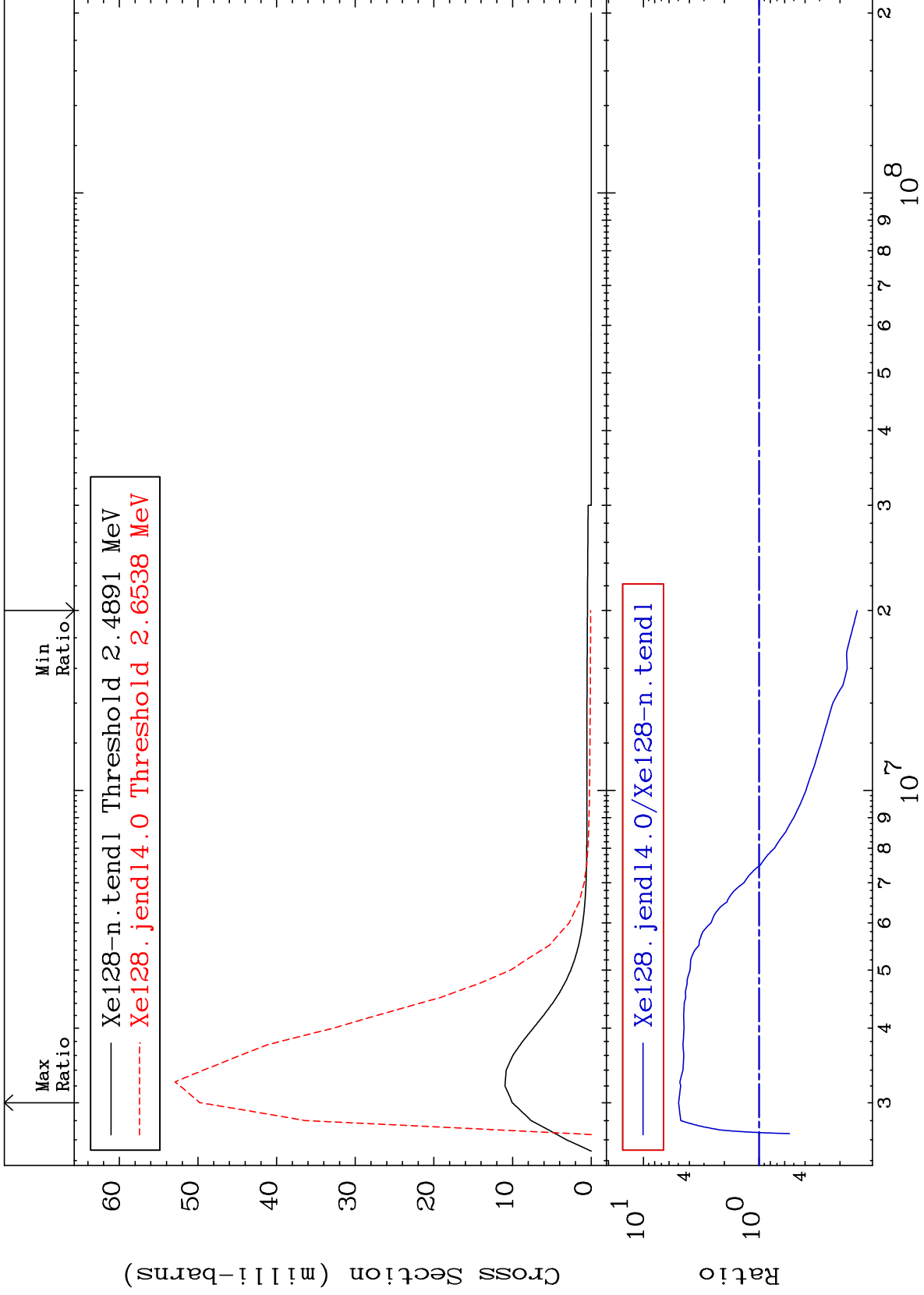
54-Xe-128
-75.64 To 9999. %

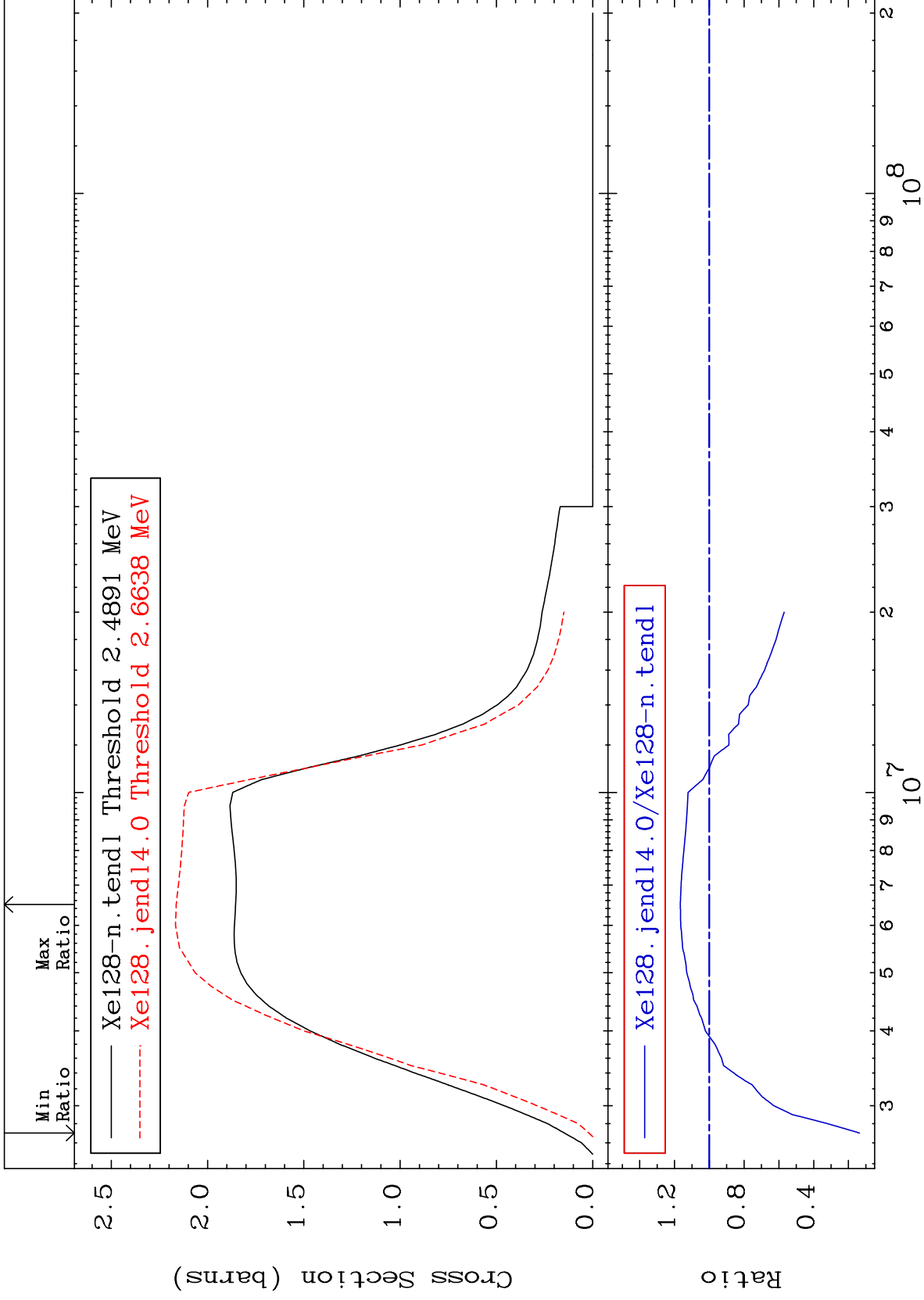


MAT 5437

2.470 MeV (n,n') Level
Cross Section

54-Xe-128
-85.84 To 396.0 %

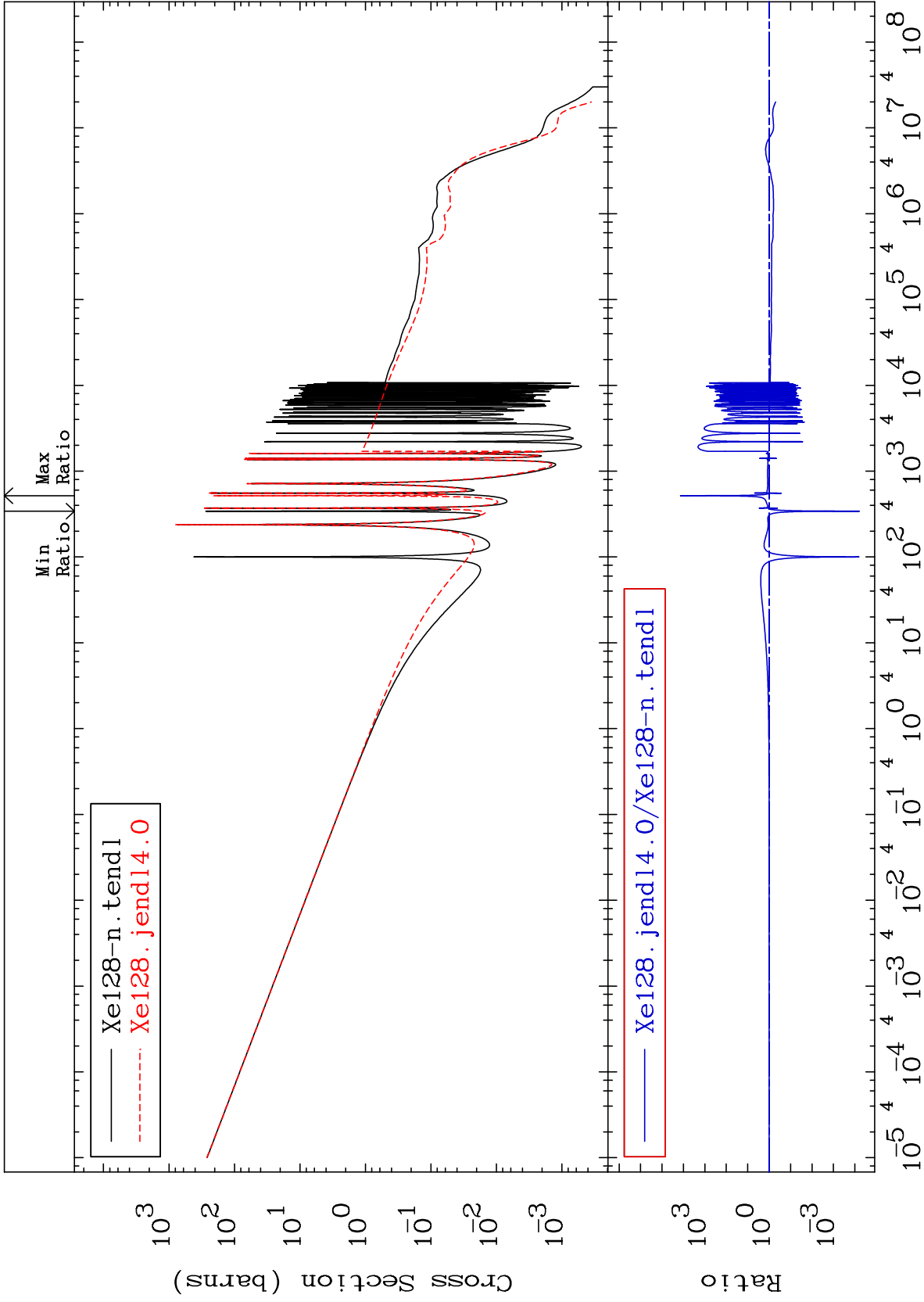




MAT 5437

(n, γ)
Cross Section

54-Xe-128
-99.99 To 9999. %



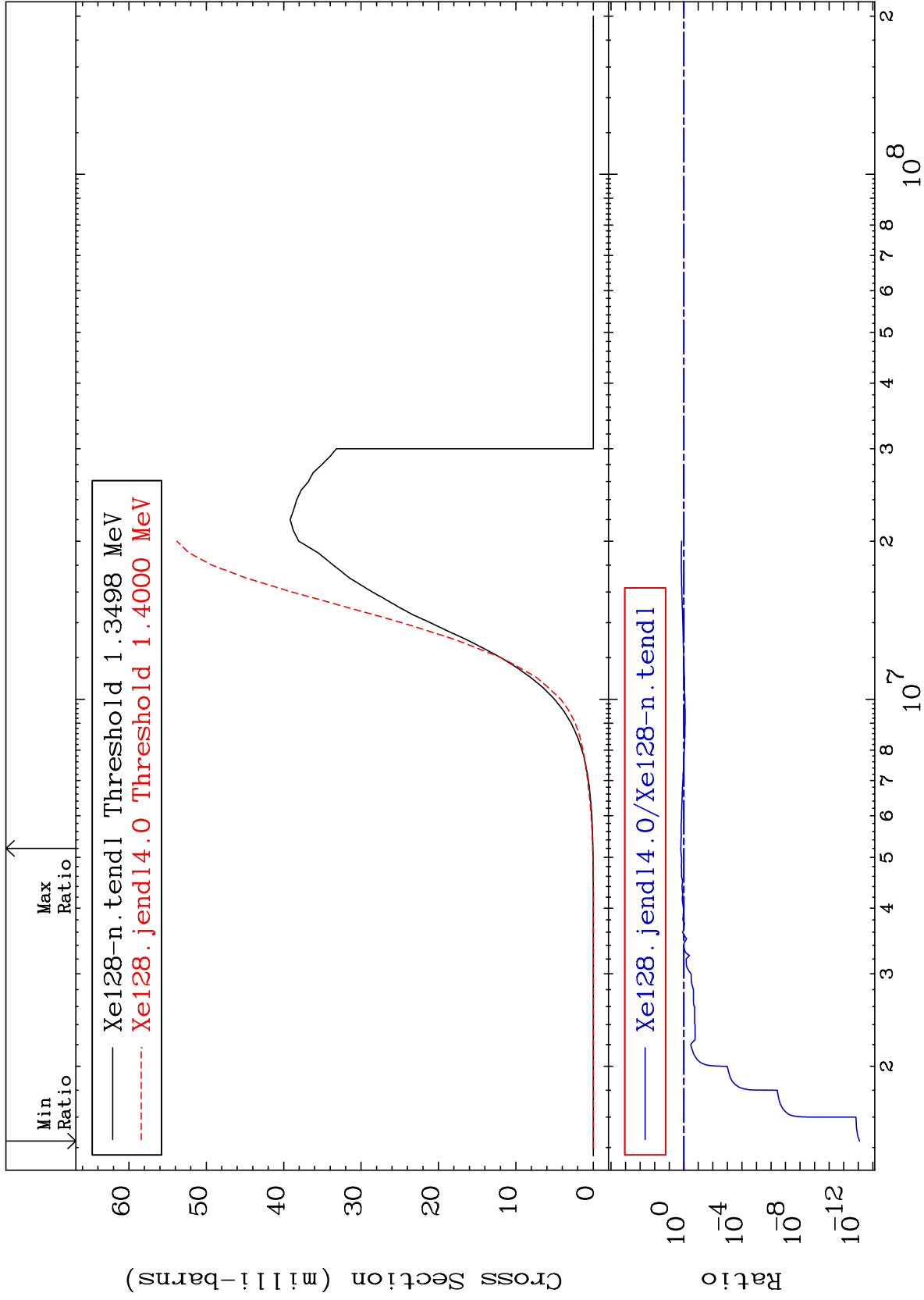
40

Incident Energy (eV)

54-Xe-128

(n,p)
Cross Section

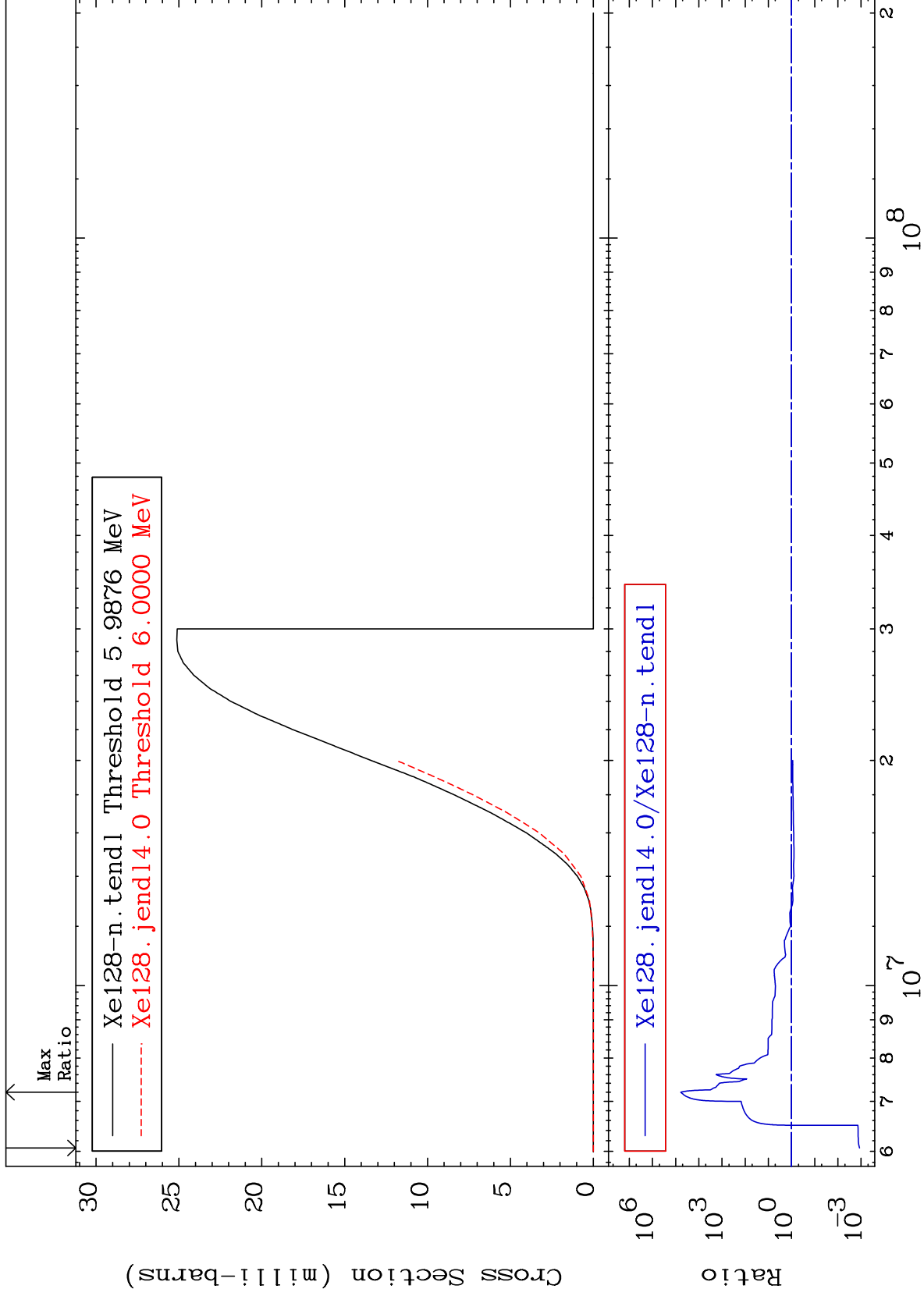
-100.0 To 60.20 %

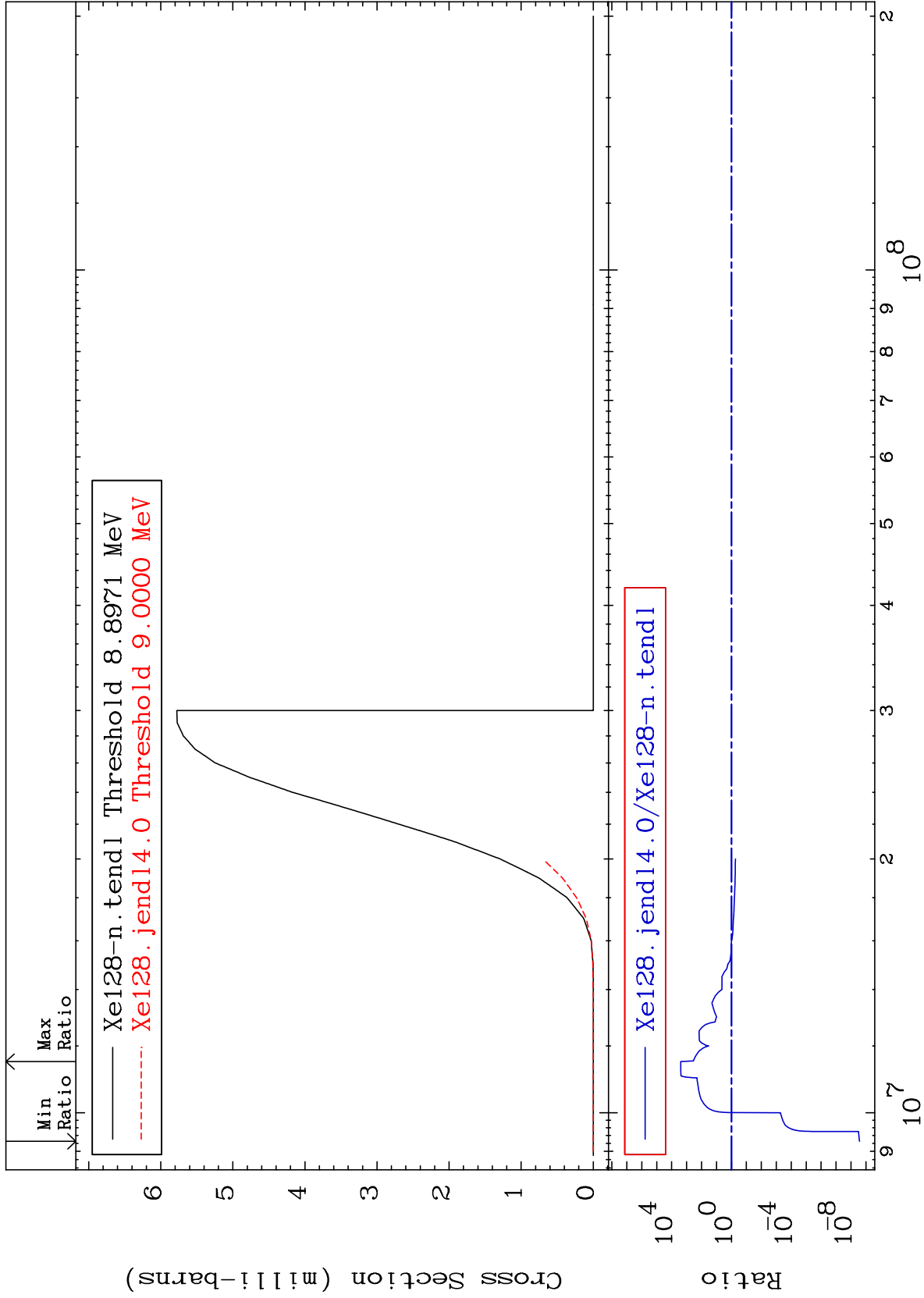


MAT 5437

(n, d)
Cross Section

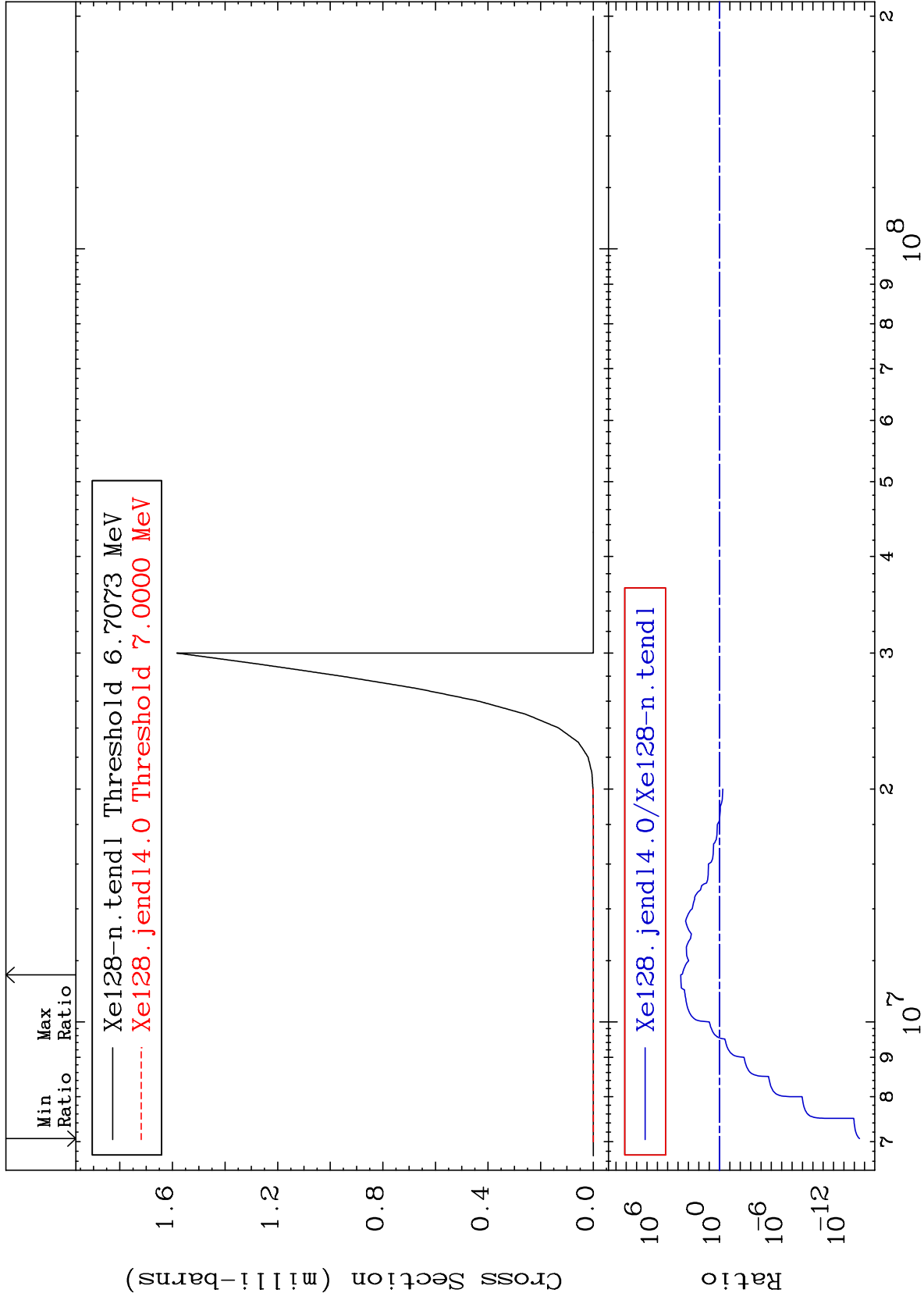
54-Xe-128
-99.88 To 9999. %





Cross Section

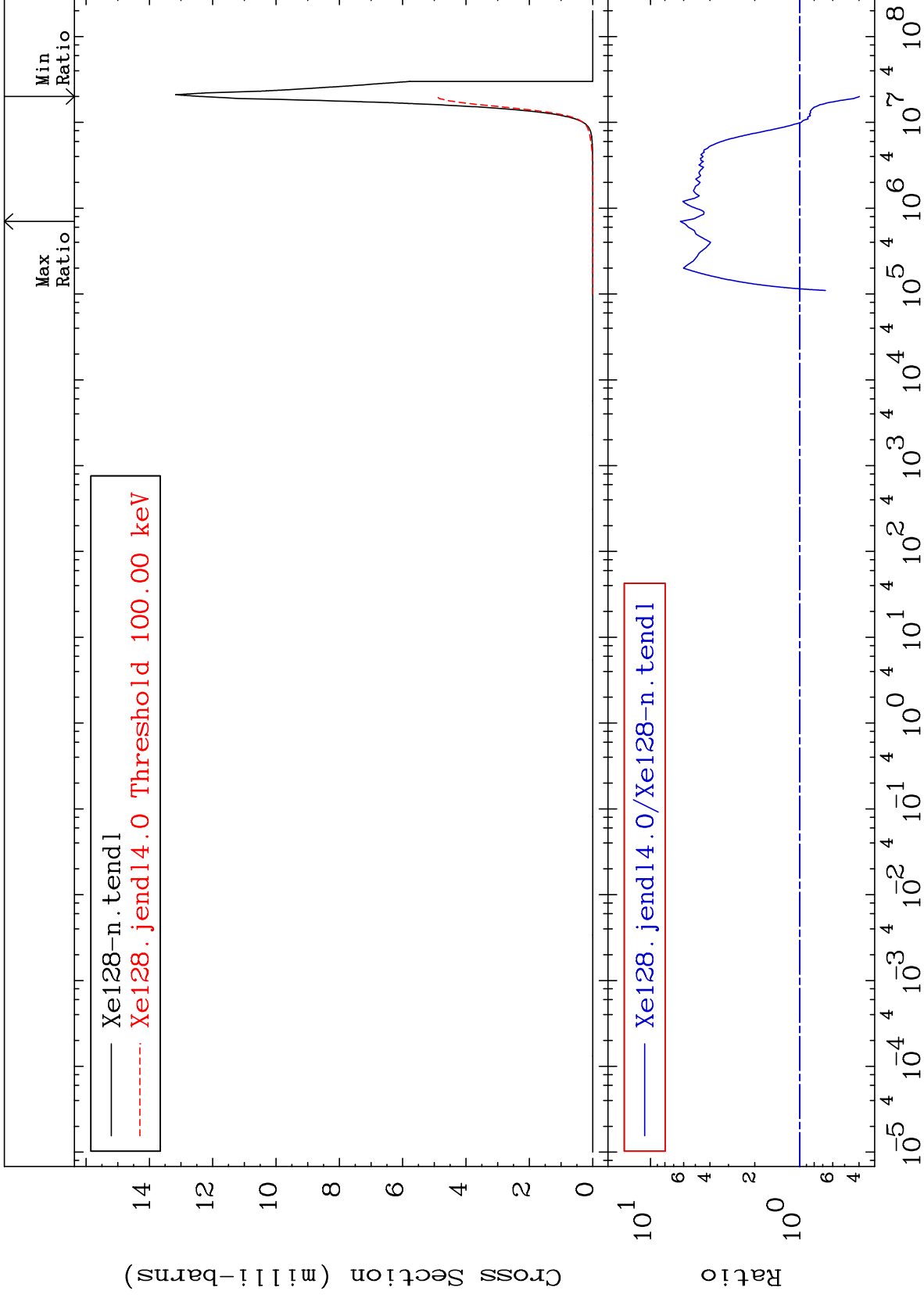
-100.0 To 9999. %

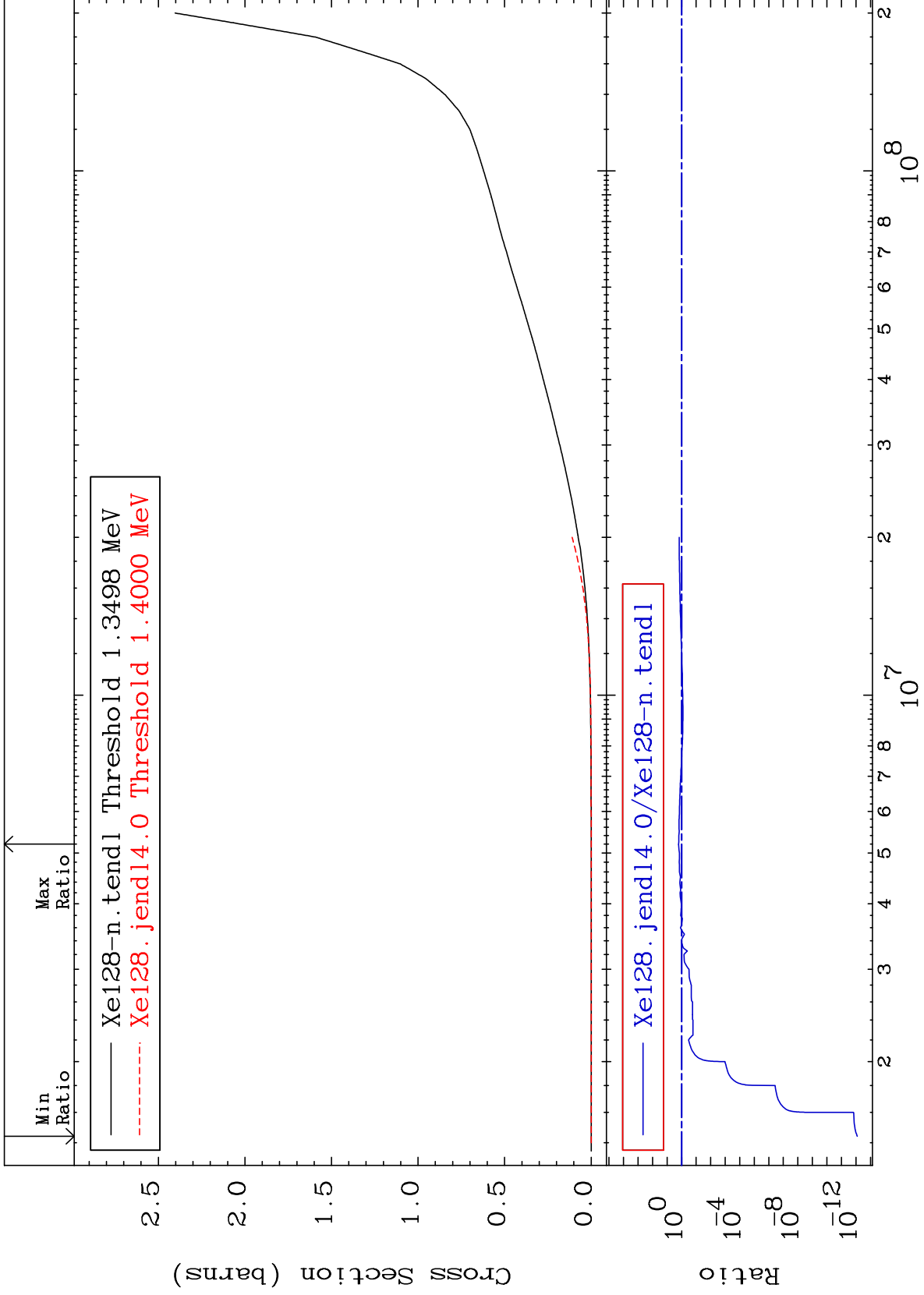


MAT 5437

(n, α)
Cross Section

54-Xe-128
-60.21 To 530.5 %

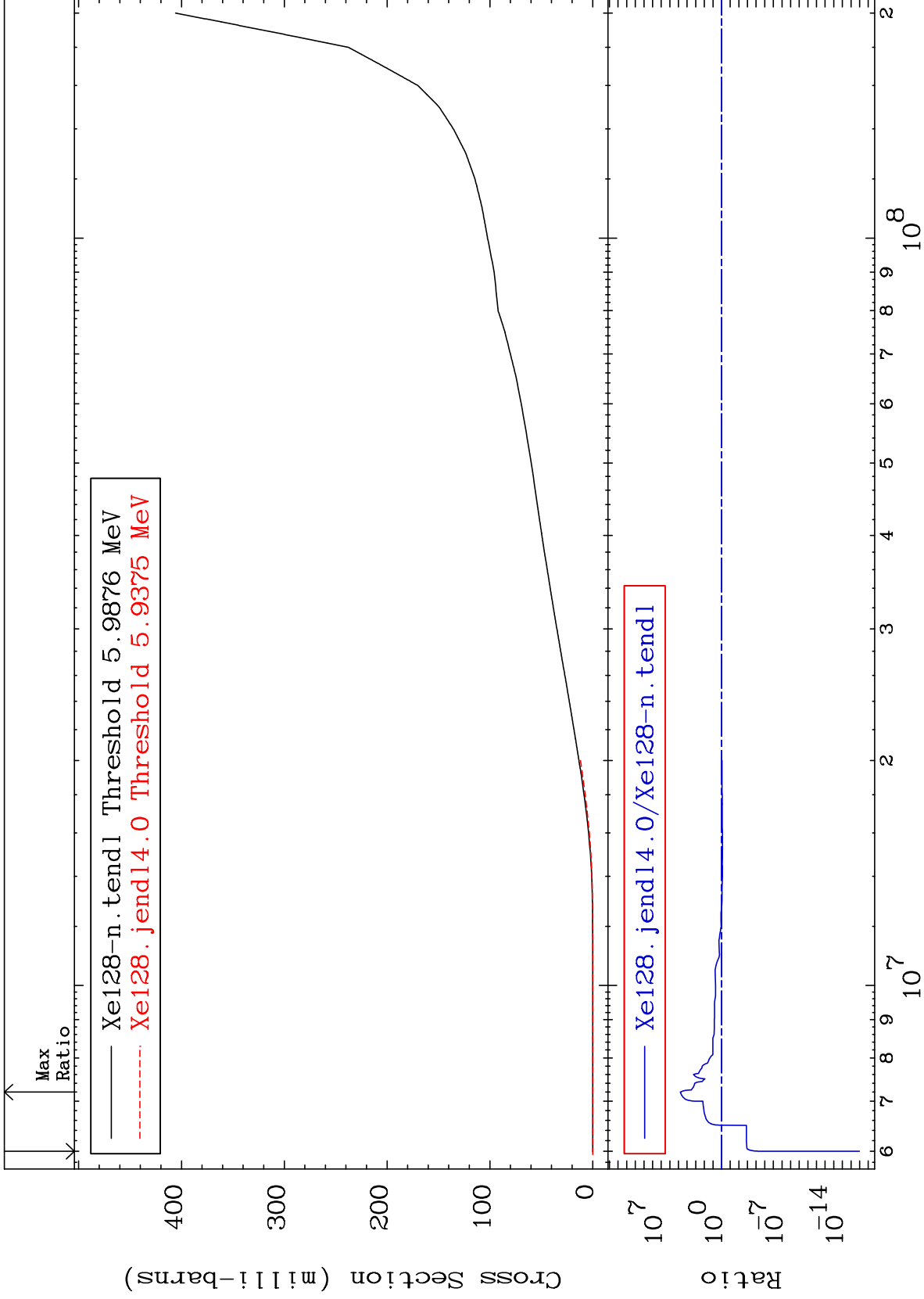




MAT 5437

Deuterium Production
Cross Section

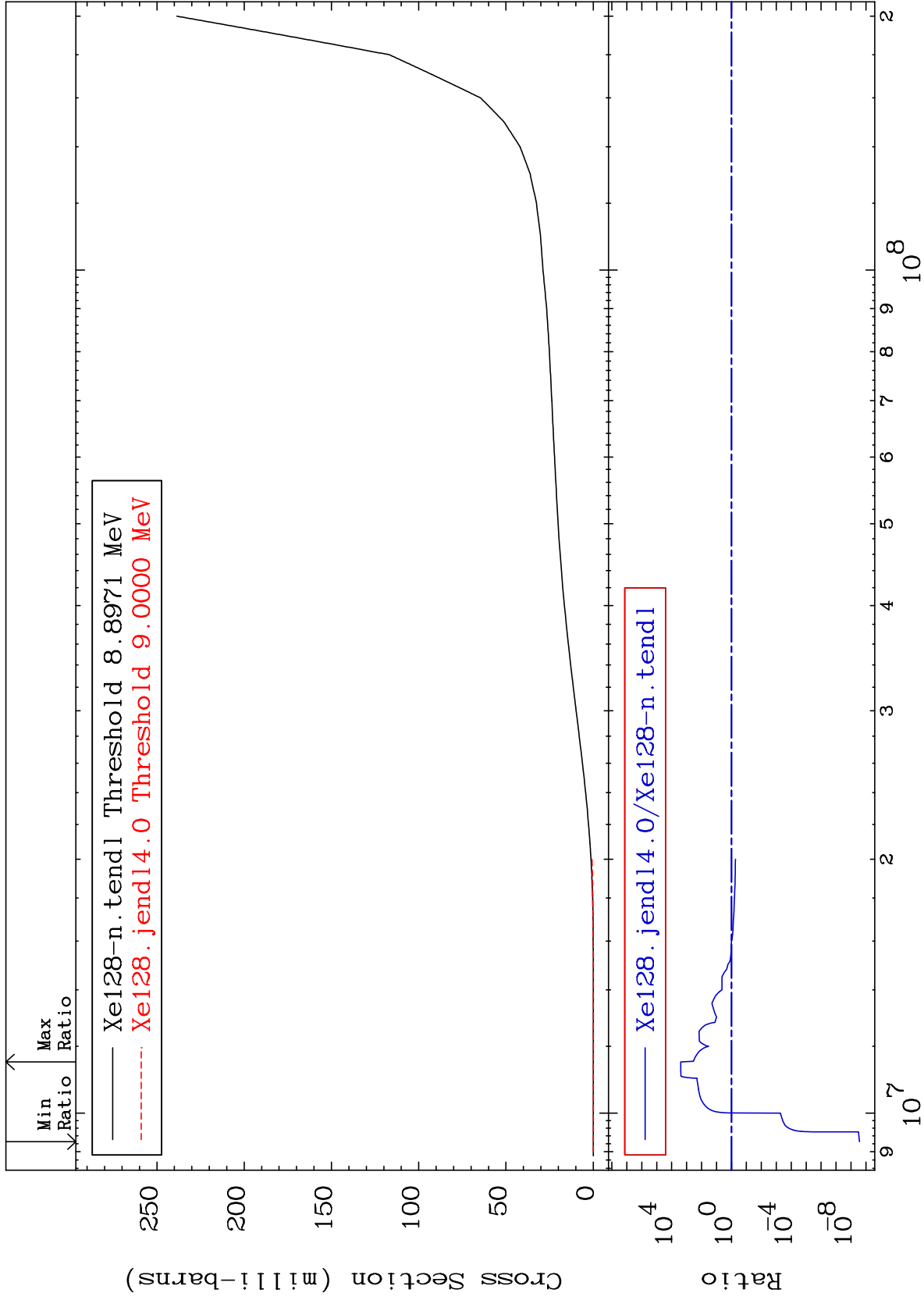
54-Xe-128
-100.0 To 9999. %

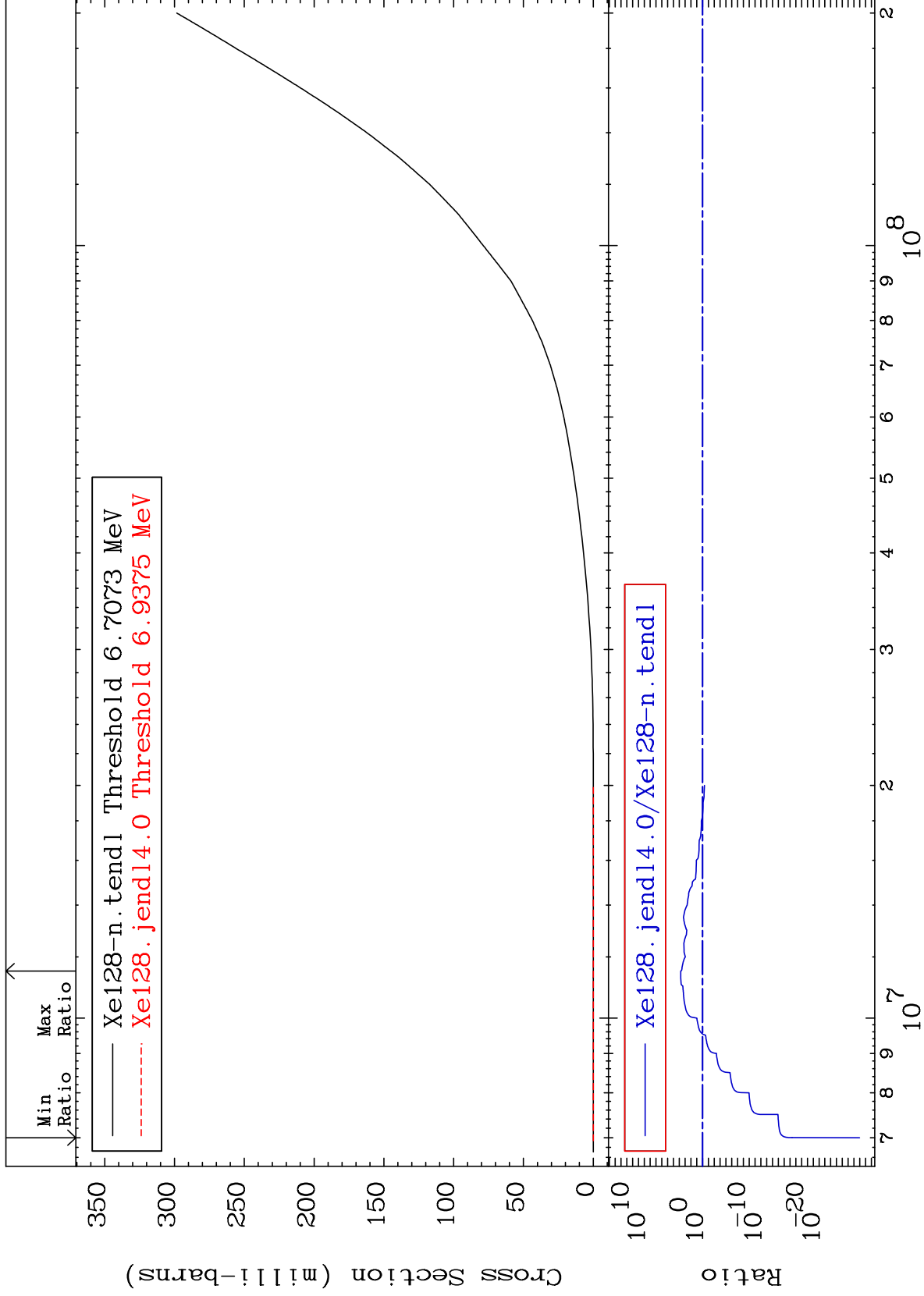


47

Incident Energy (eV)

54-Xe-128

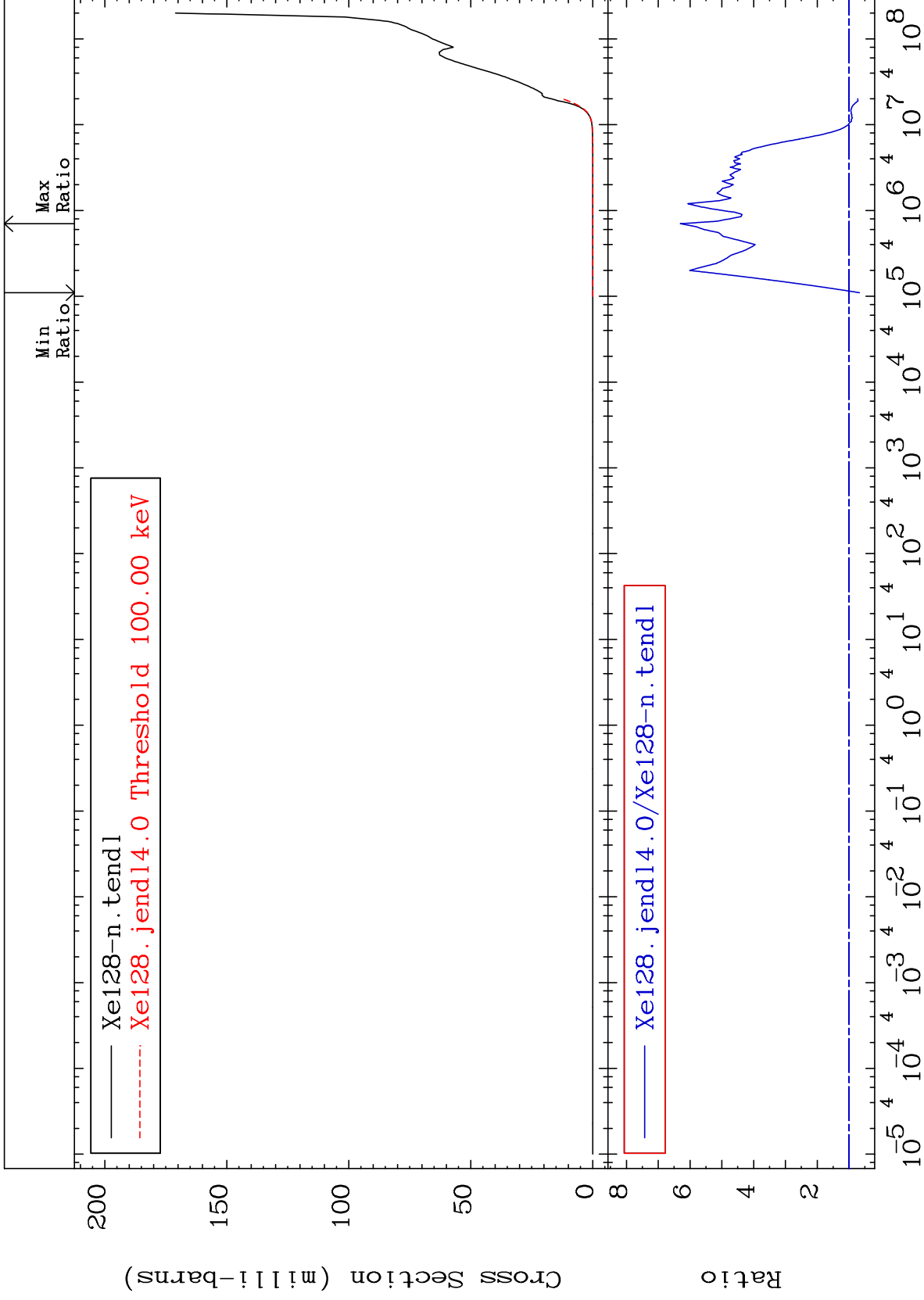




MAT 5437

He-4 Production
Cross Section

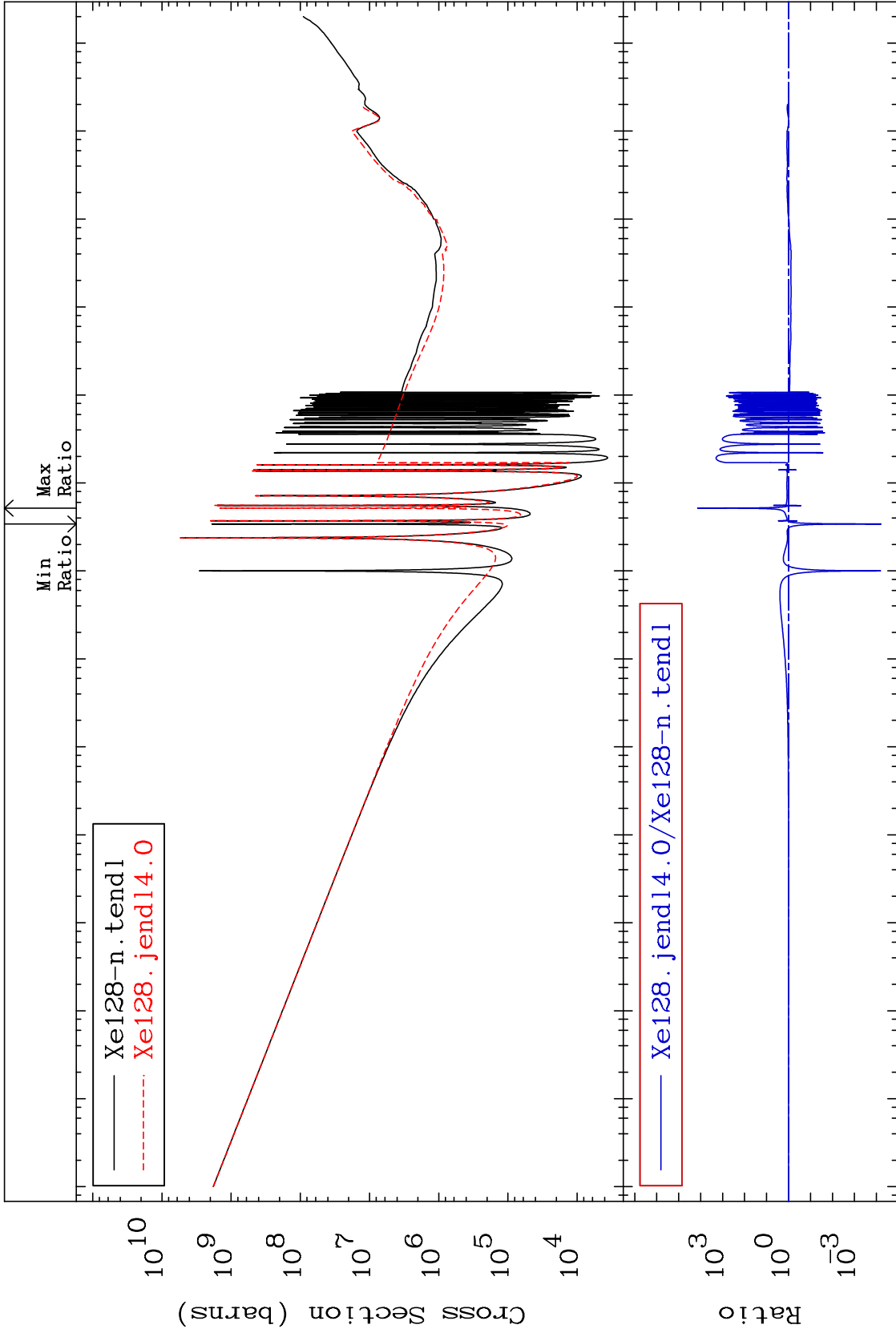
54-Xe-128
-32.75 To 530.5 %



50

Incident Energy (eV)

54-Xe-128



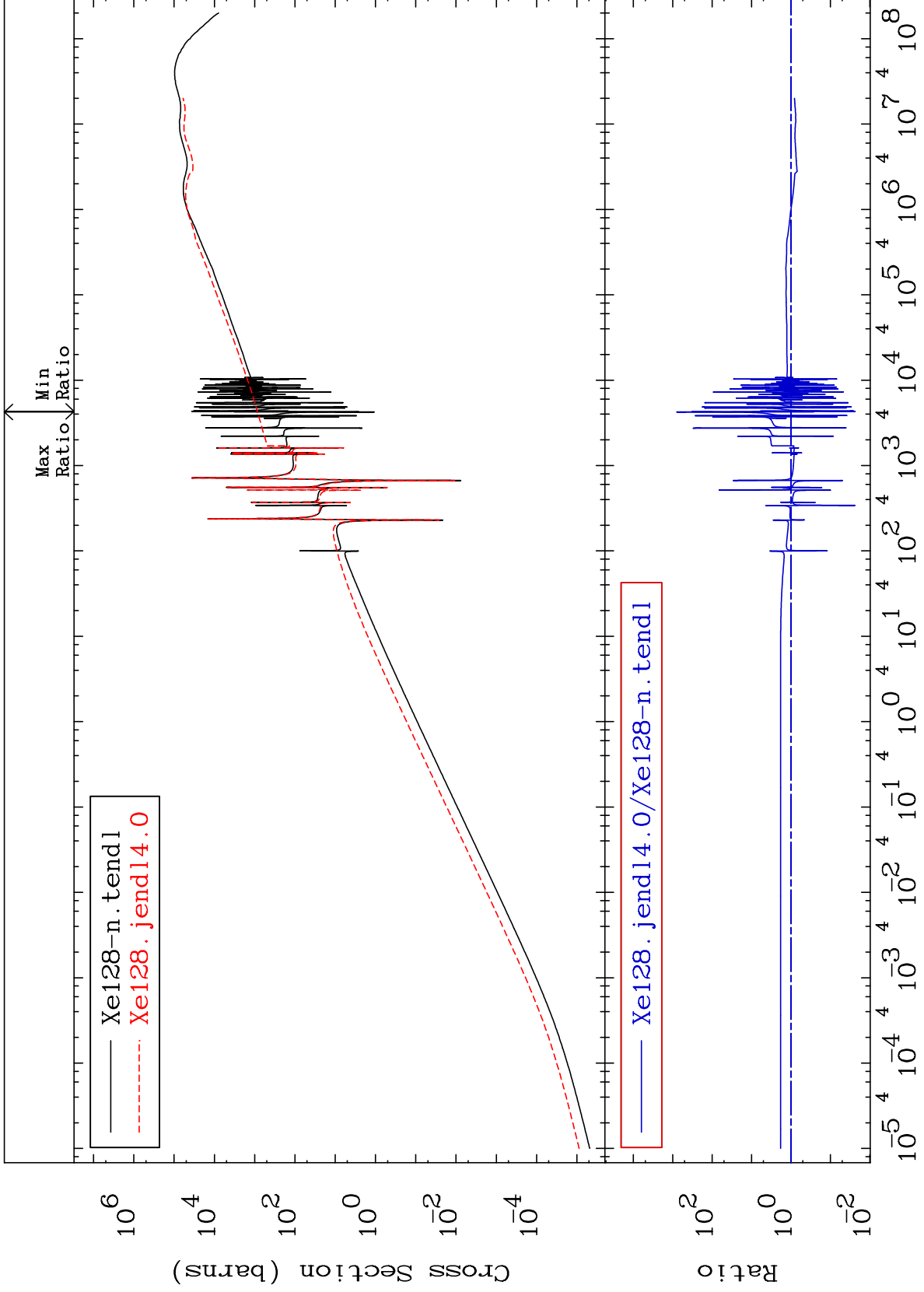
— Xe128-n.tendl
- - - Xe128.jendl4.0

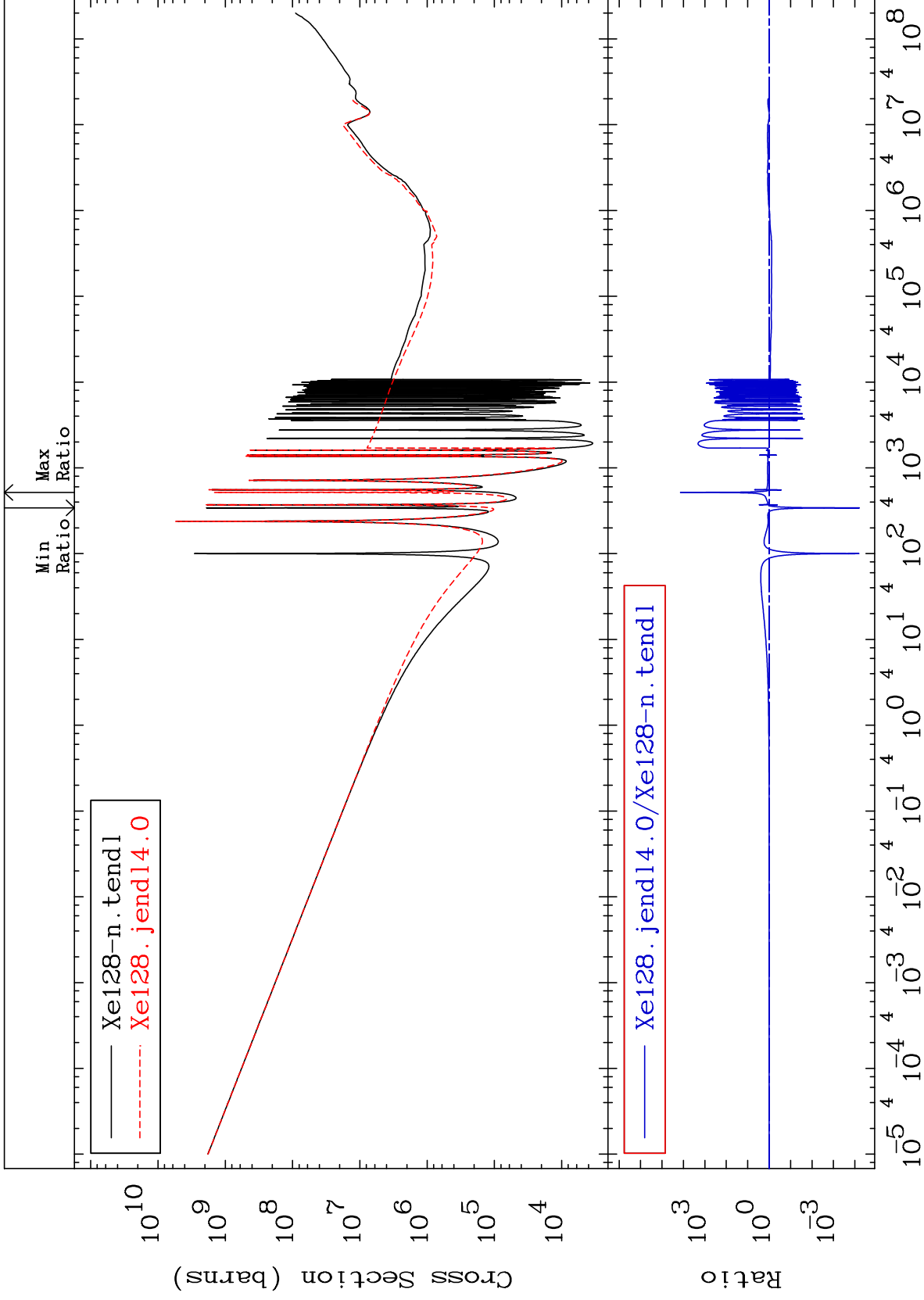
— Xe128.jendl4.0/Xe128-n.tendl

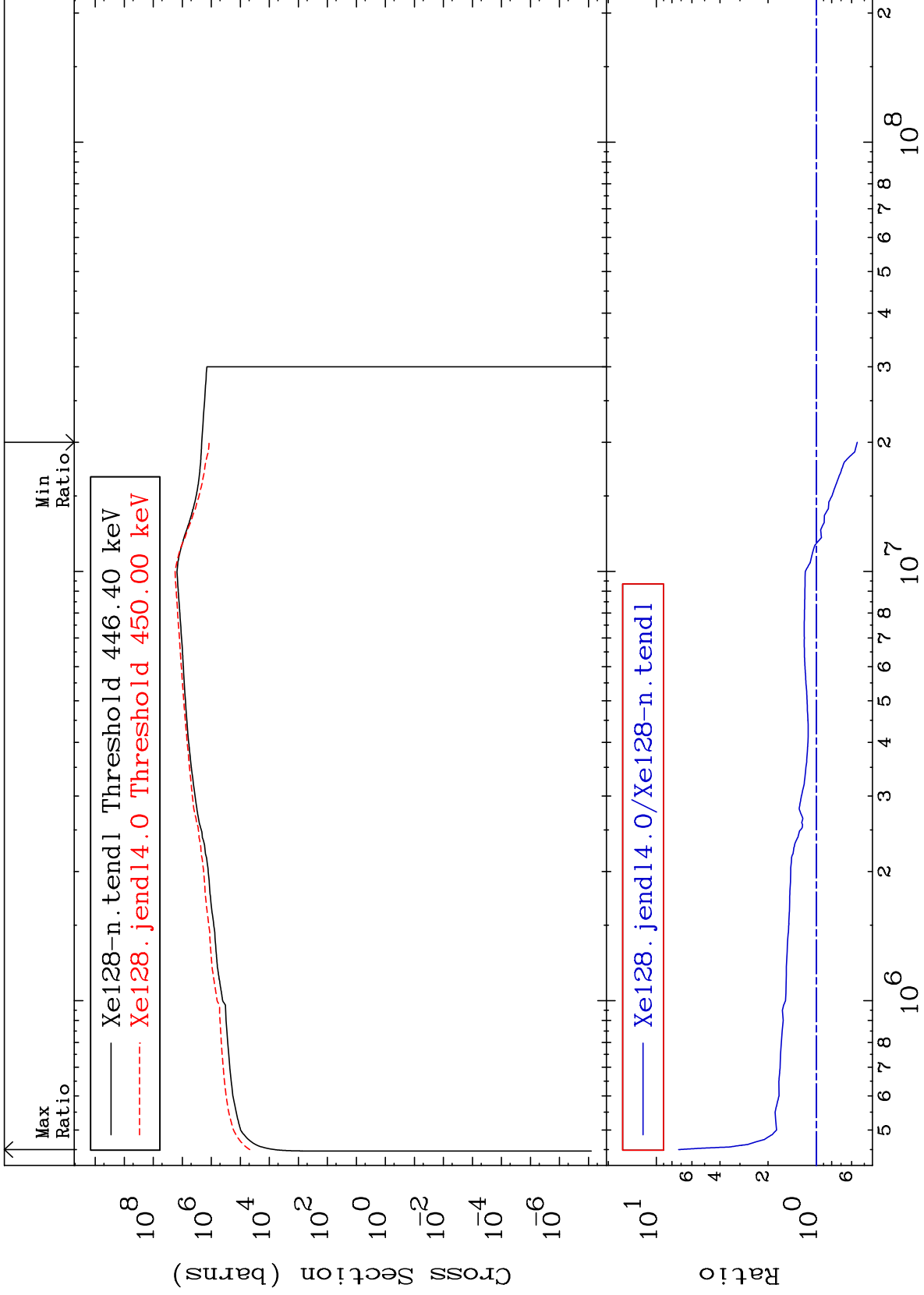
MAT 5437

Kerma elastic
Cross Section

54-Xe-128
-97.64 To 9999. %



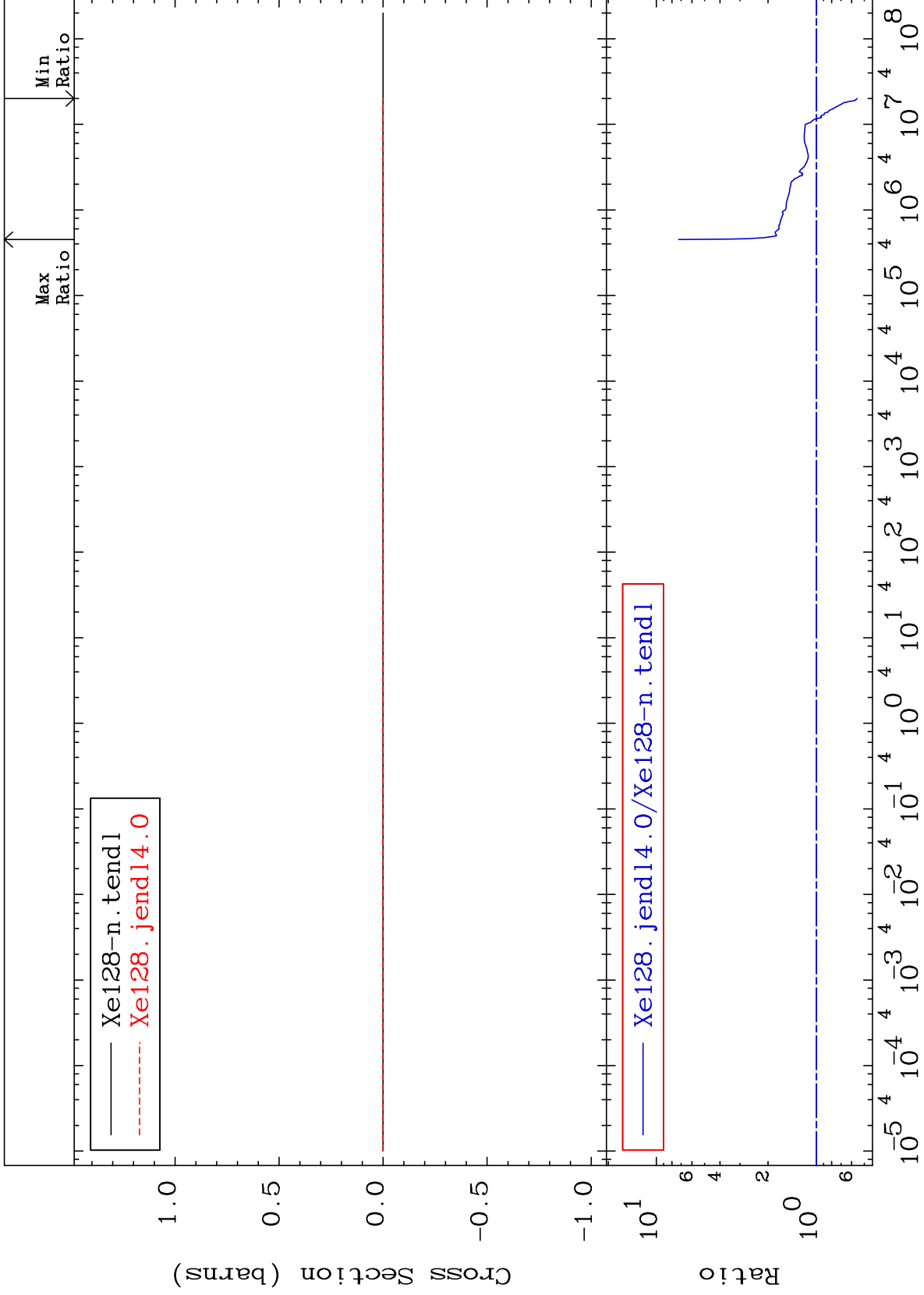


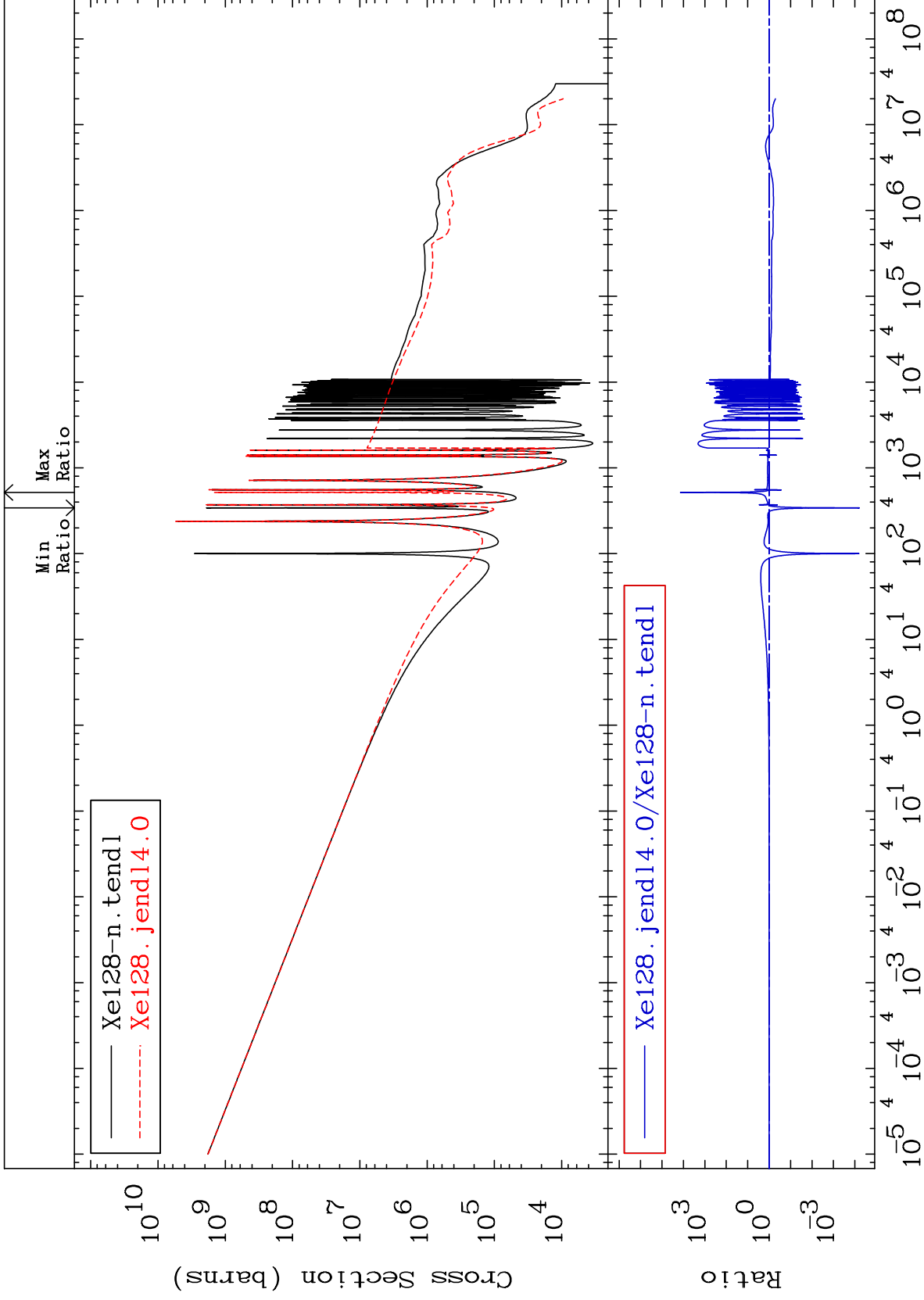


MAT 5437

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

54-Xe-128
-44.67 To 625.7 %



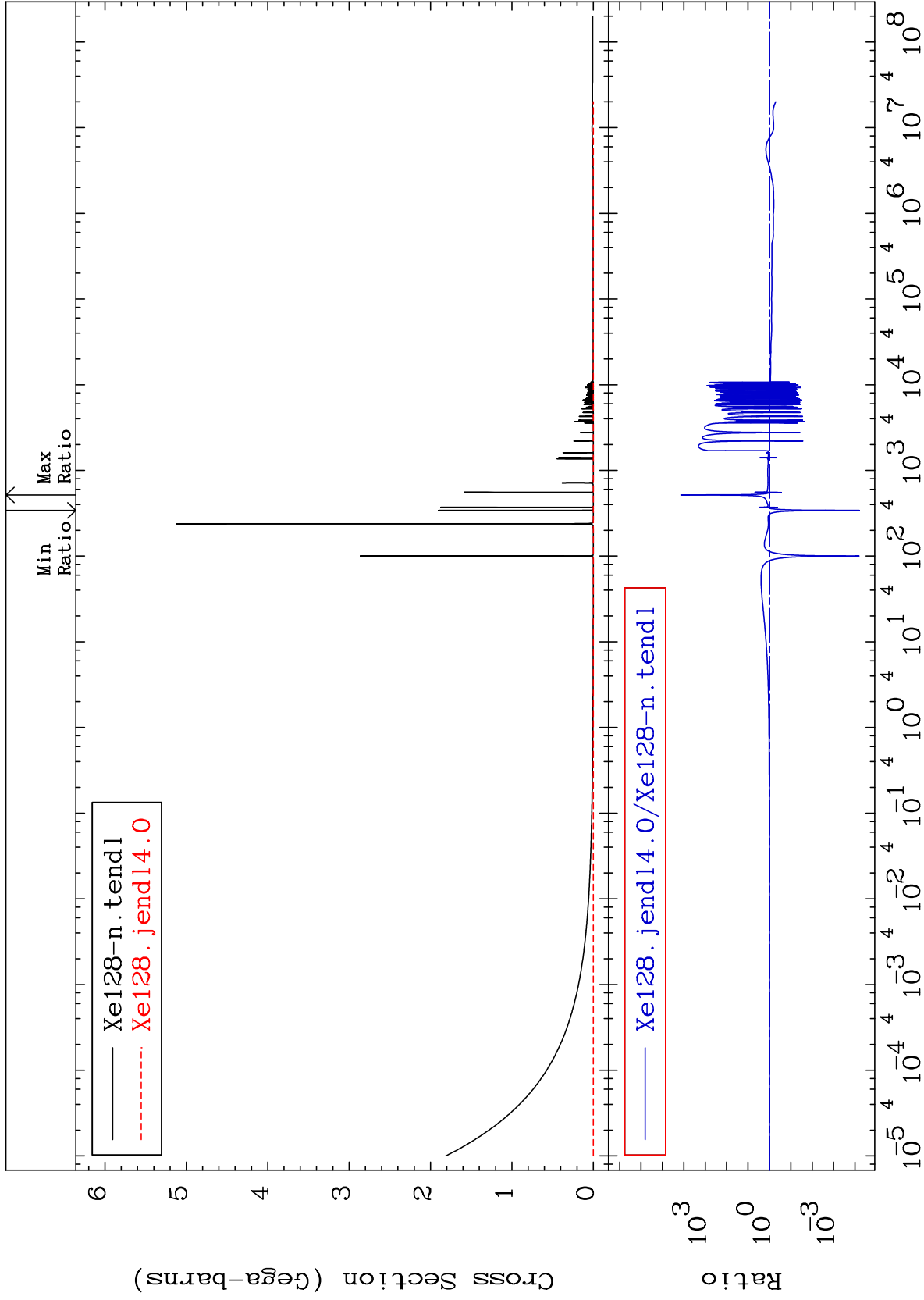


MAT 5437

Total photon (eV-barns)
Cross Section

54-Xe-128

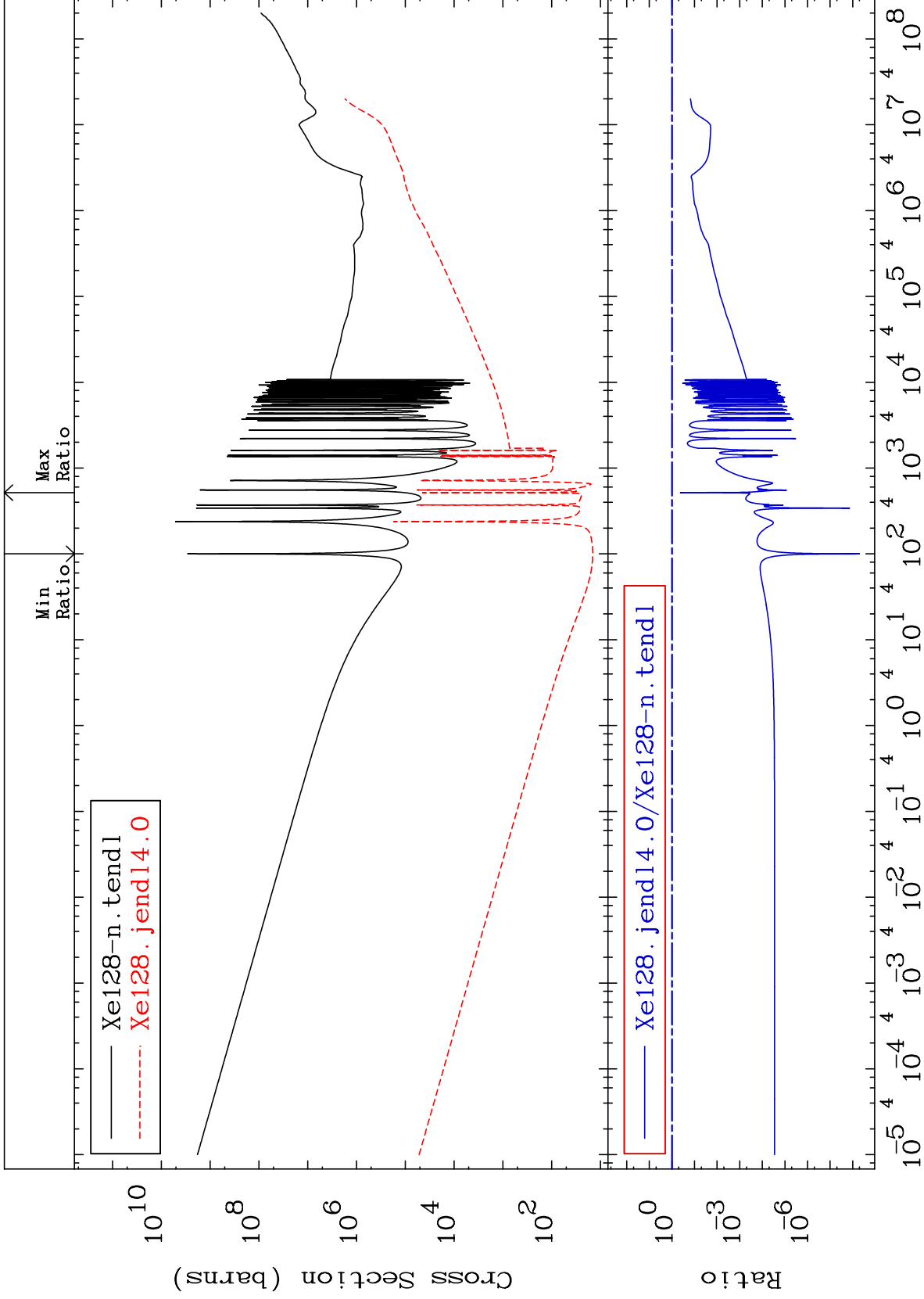
-99.99 To 9999. %

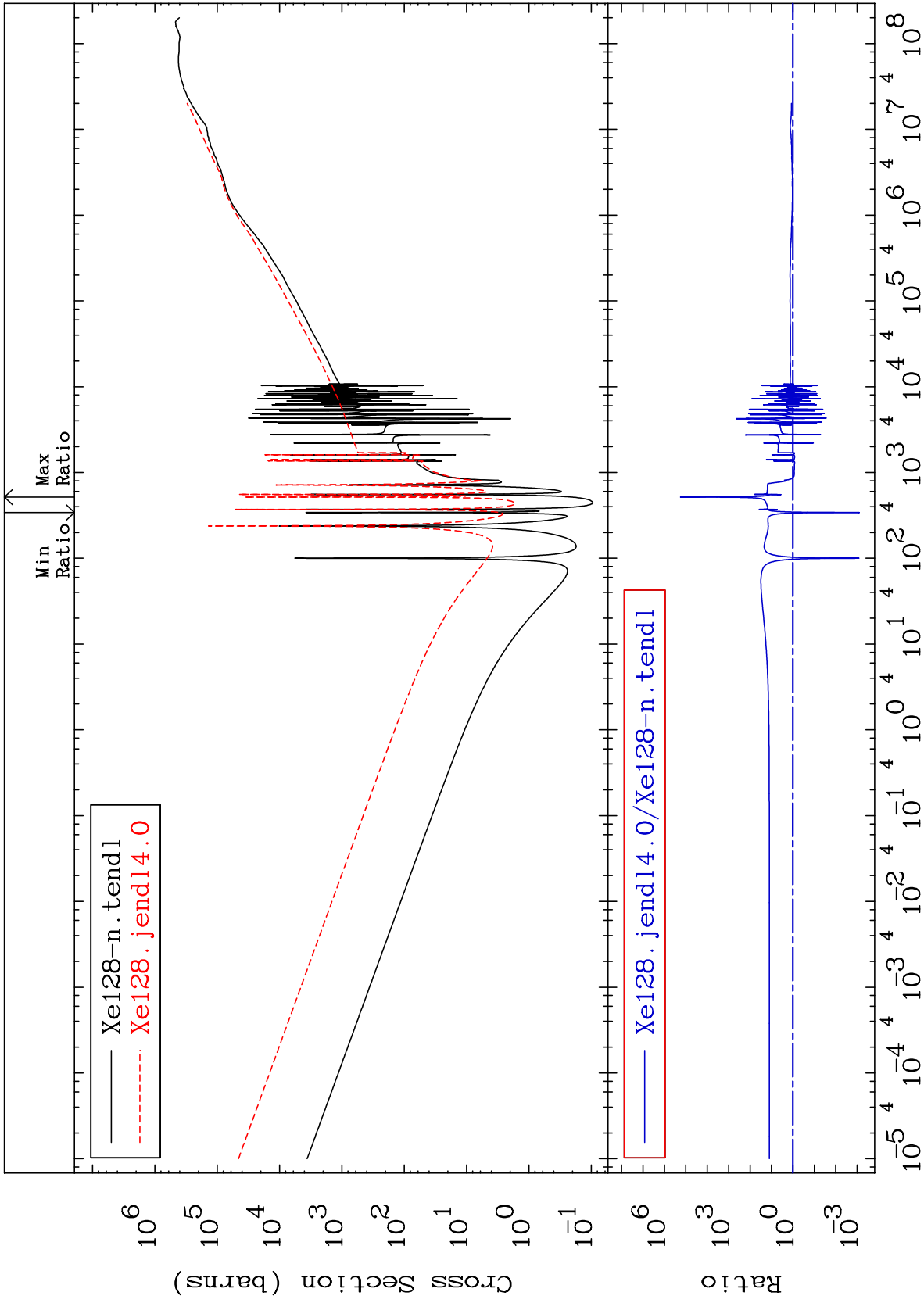


57

Incident Energy (eV)

54-Xe-128

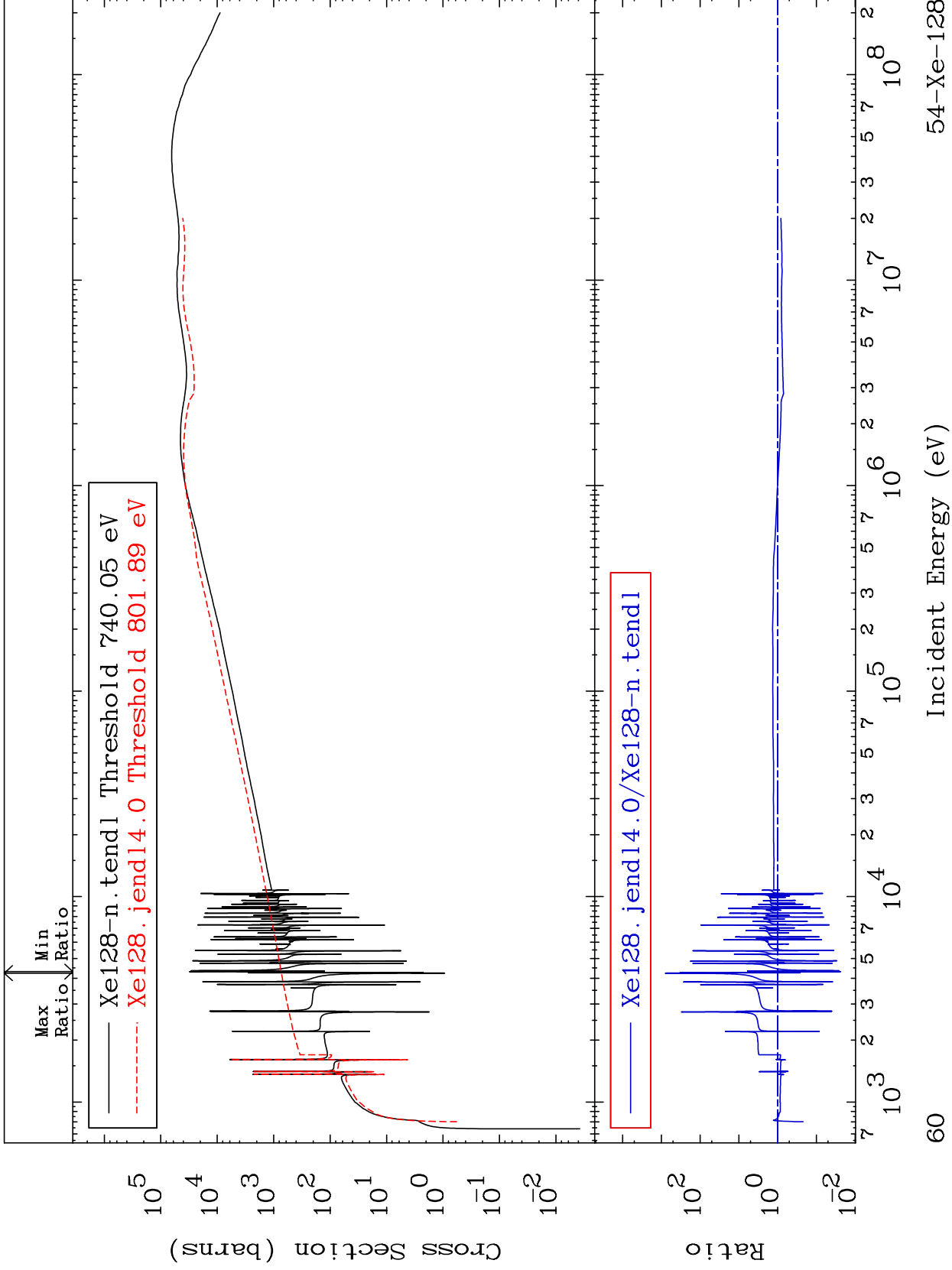




MAT 5437

Dpa elastic (mt2)
Cross Section

54-Xe-128
-97.65 To 9999. %

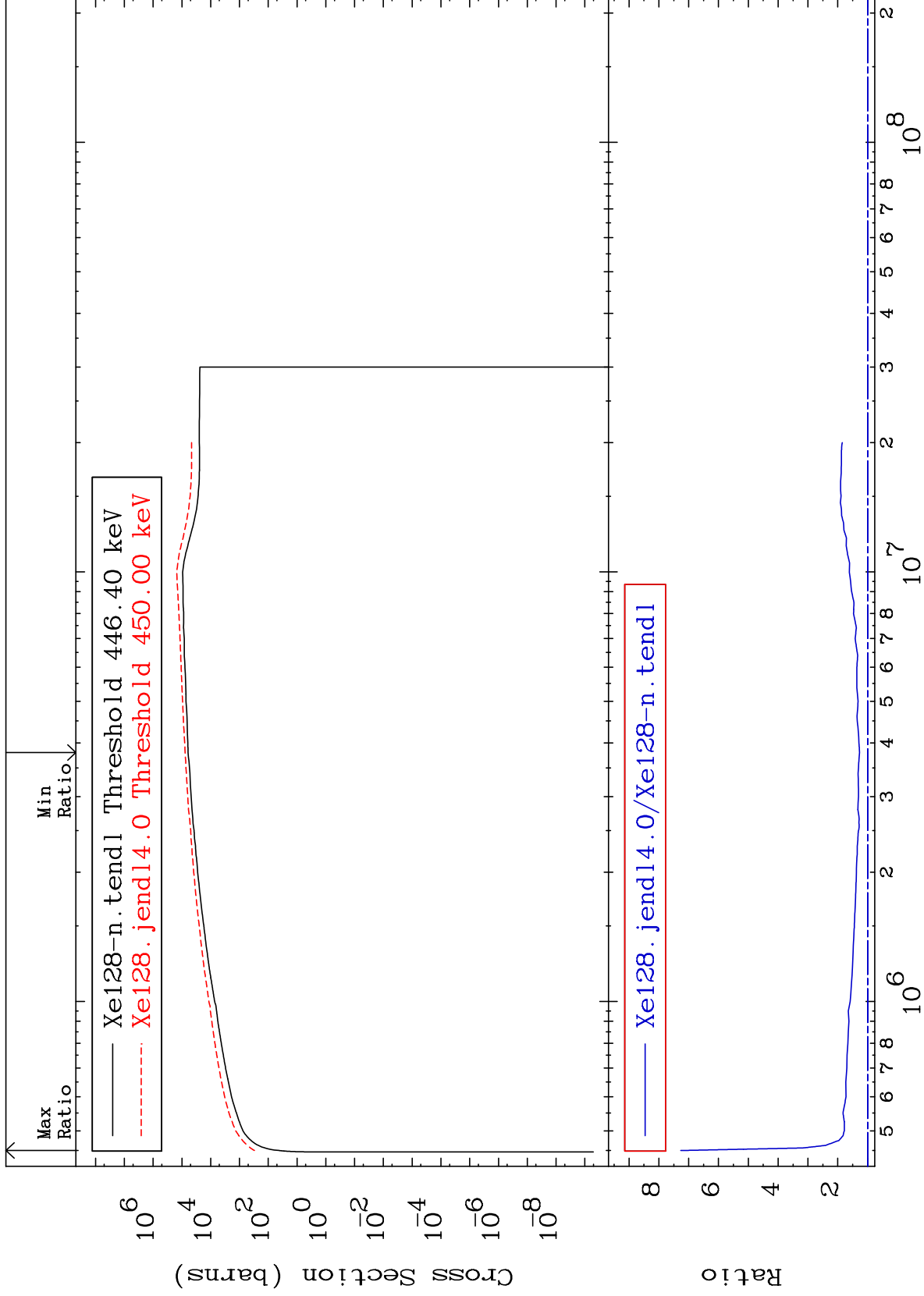


60

MAT 5437

Dpa inelastic (mt51-91)
Cross Section

54-Xe-128
26.91 To 626.6 %



61

54-Xe-128

