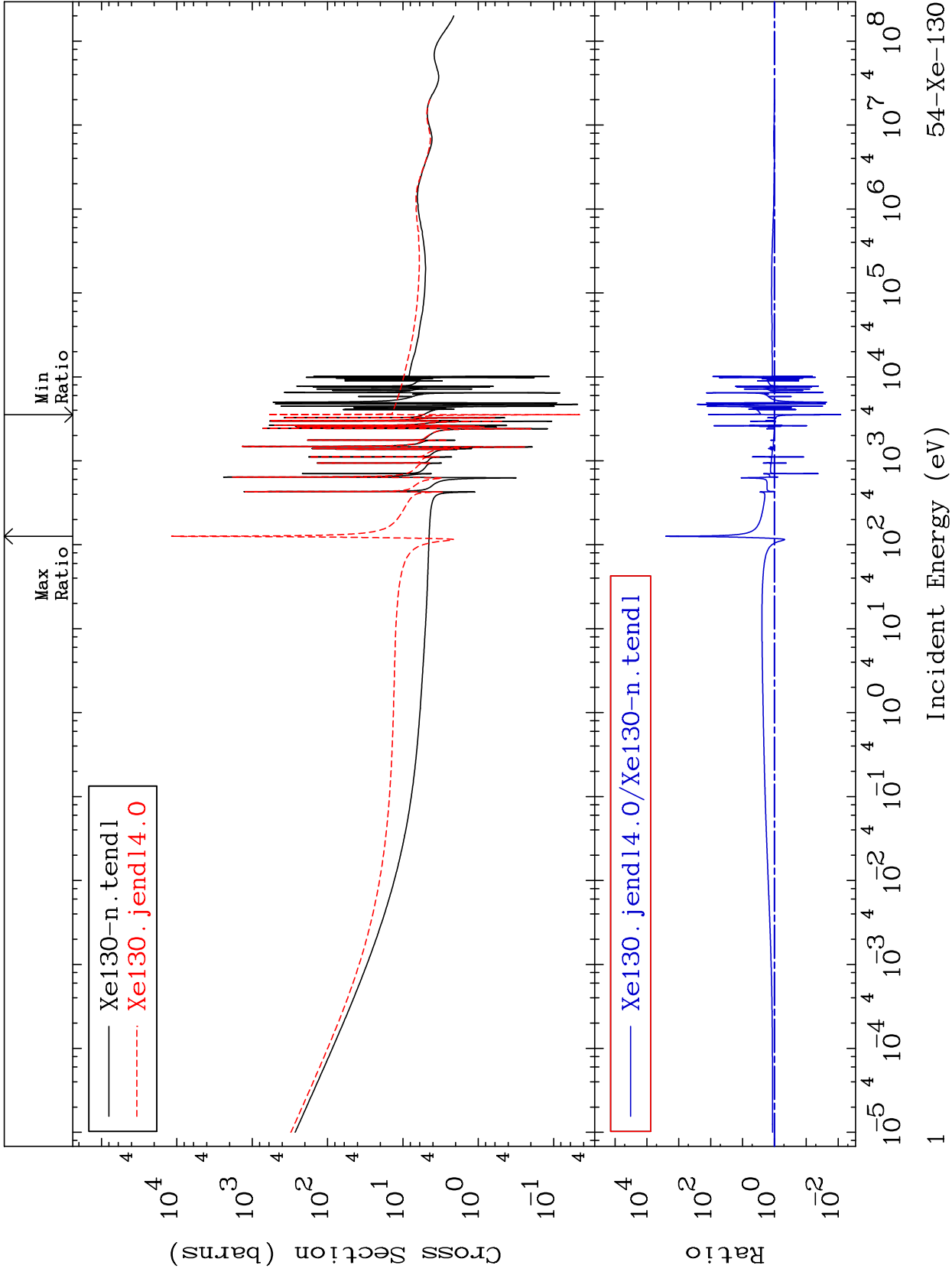


MAT 5443

Total
Cross Section

54-Xe-130
-99.17 To 9999. %

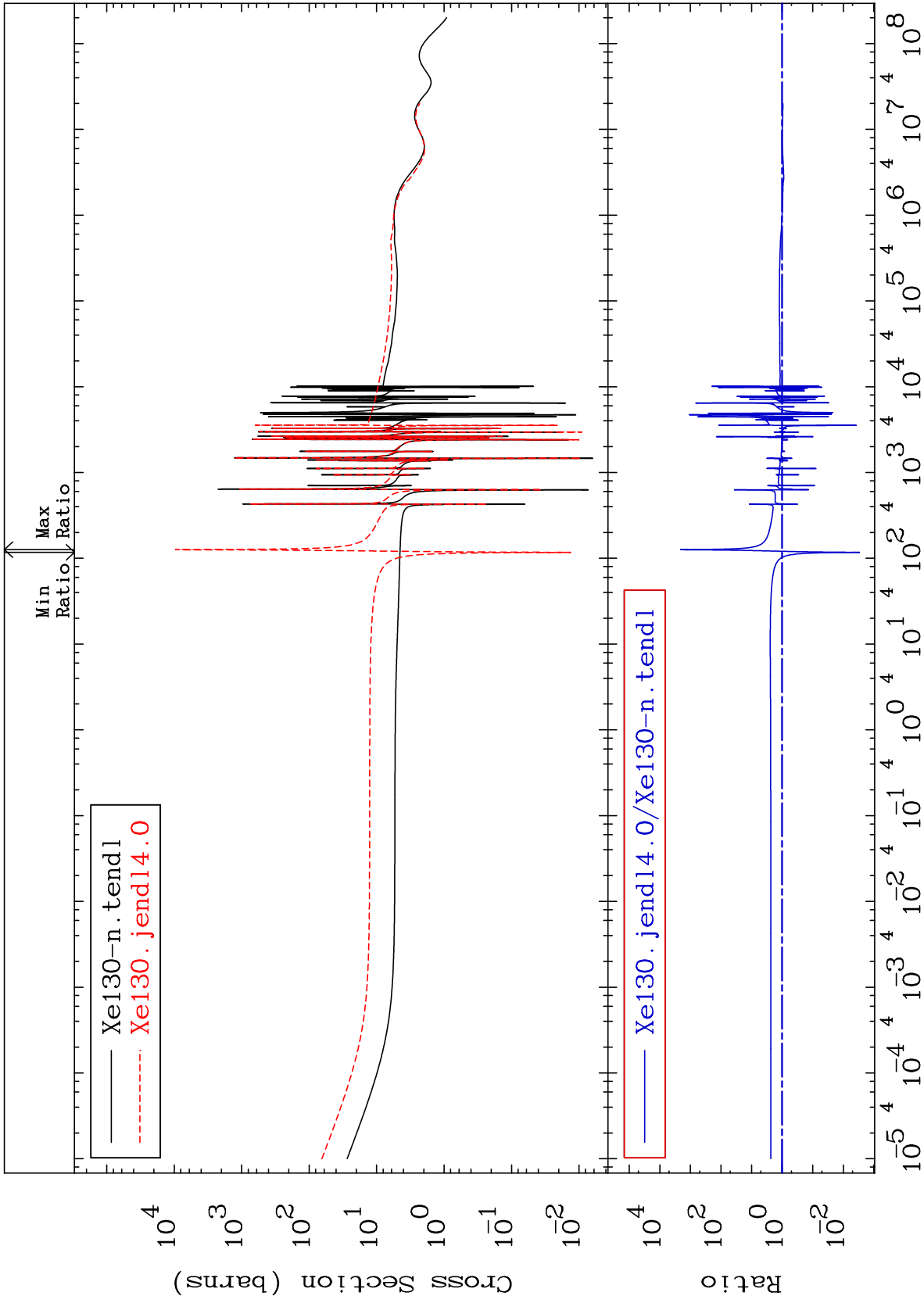


54-Xe-130

MAT 5443

Elastic
Cross Section

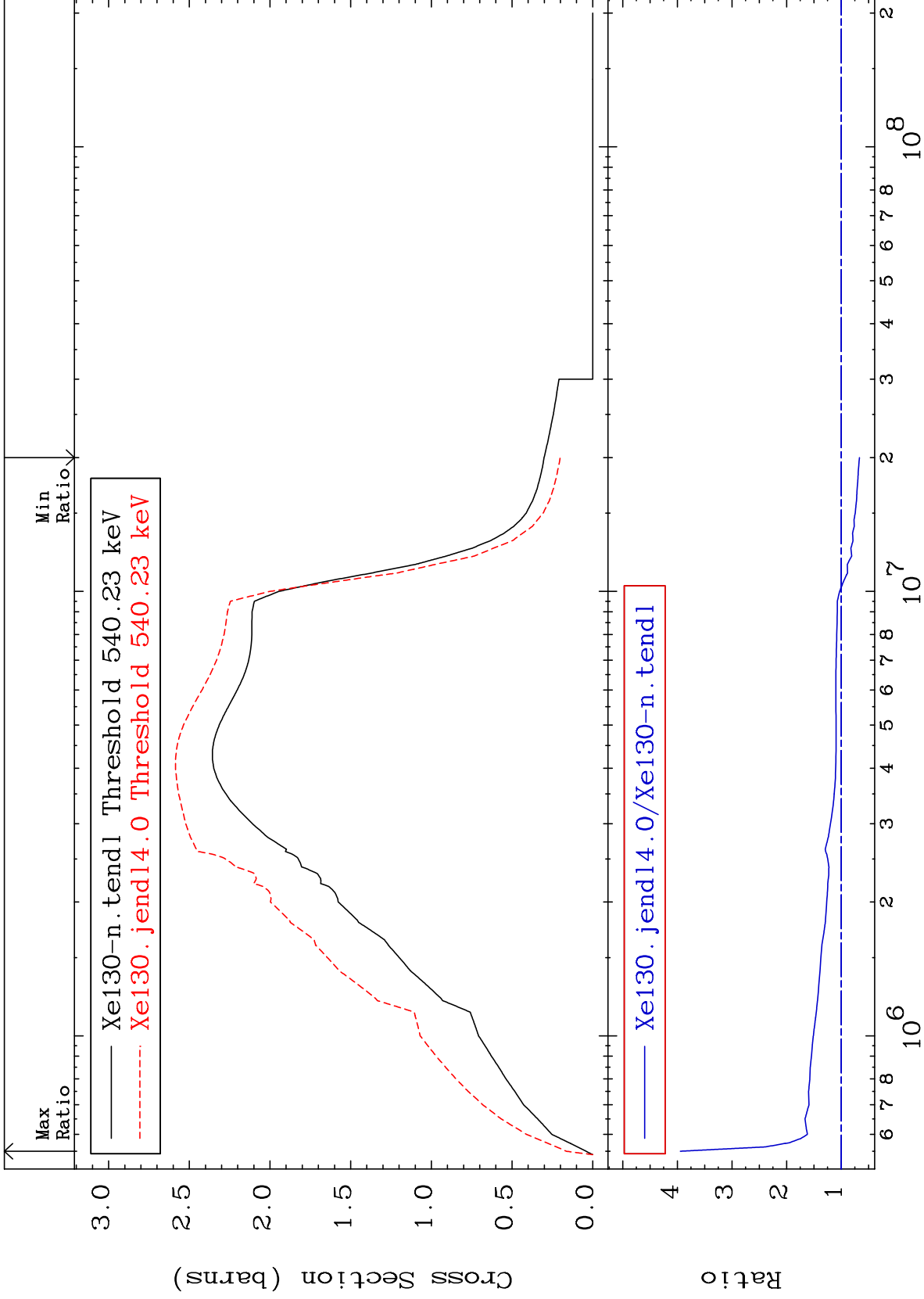
54-Xe-130
-99.70 To 9999. %



MAT 5443

Inelastic
Cross Section

54-Xe-130
-33.31 To 294.5 %



3

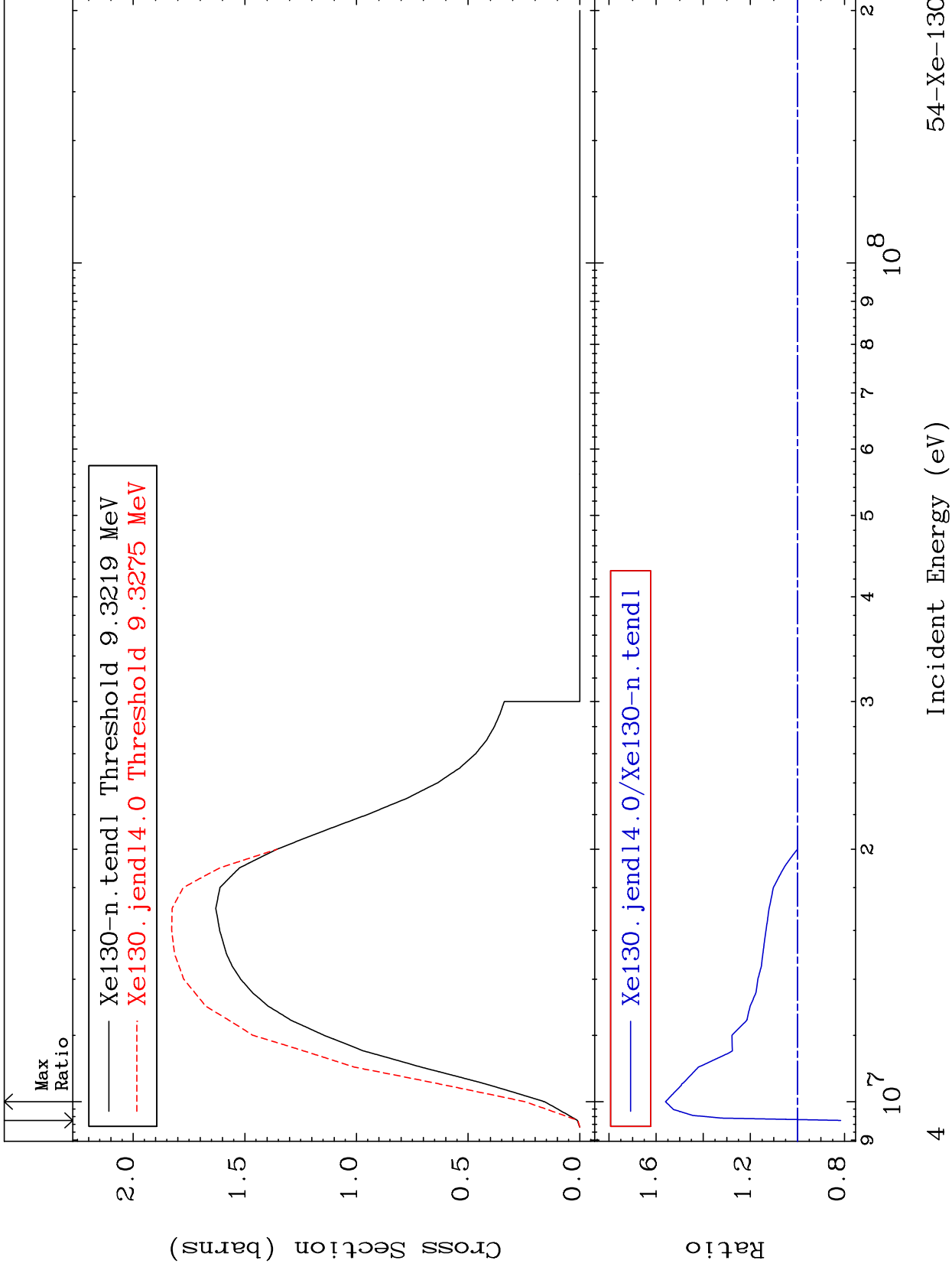
Incident Energy (eV)

54-Xe-130

MAT 5443

(n,2n)
Cross Section

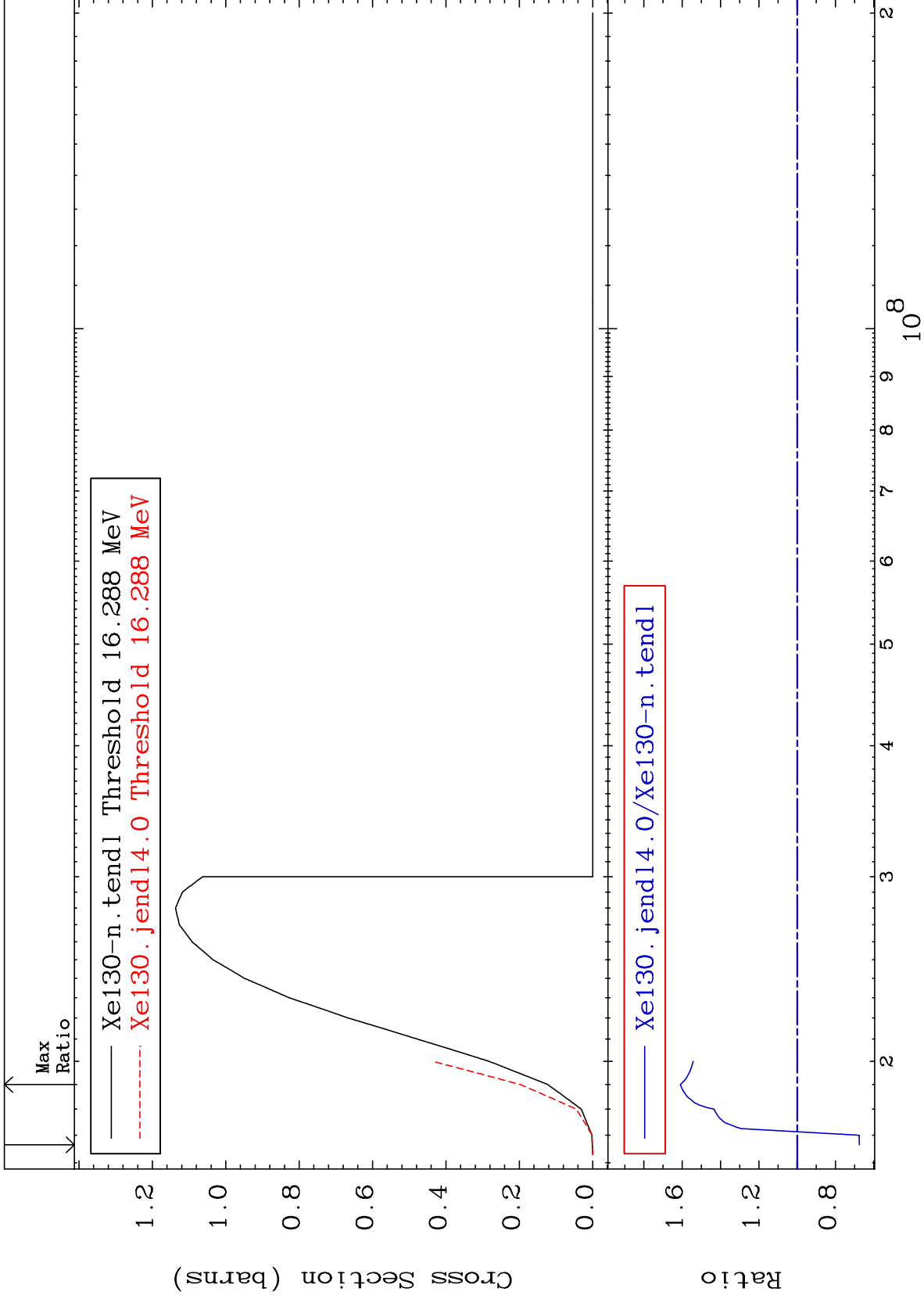
54-Xe-130
-18.36 To 56.01 %



MAT 5443

(n,3n)
Cross Section

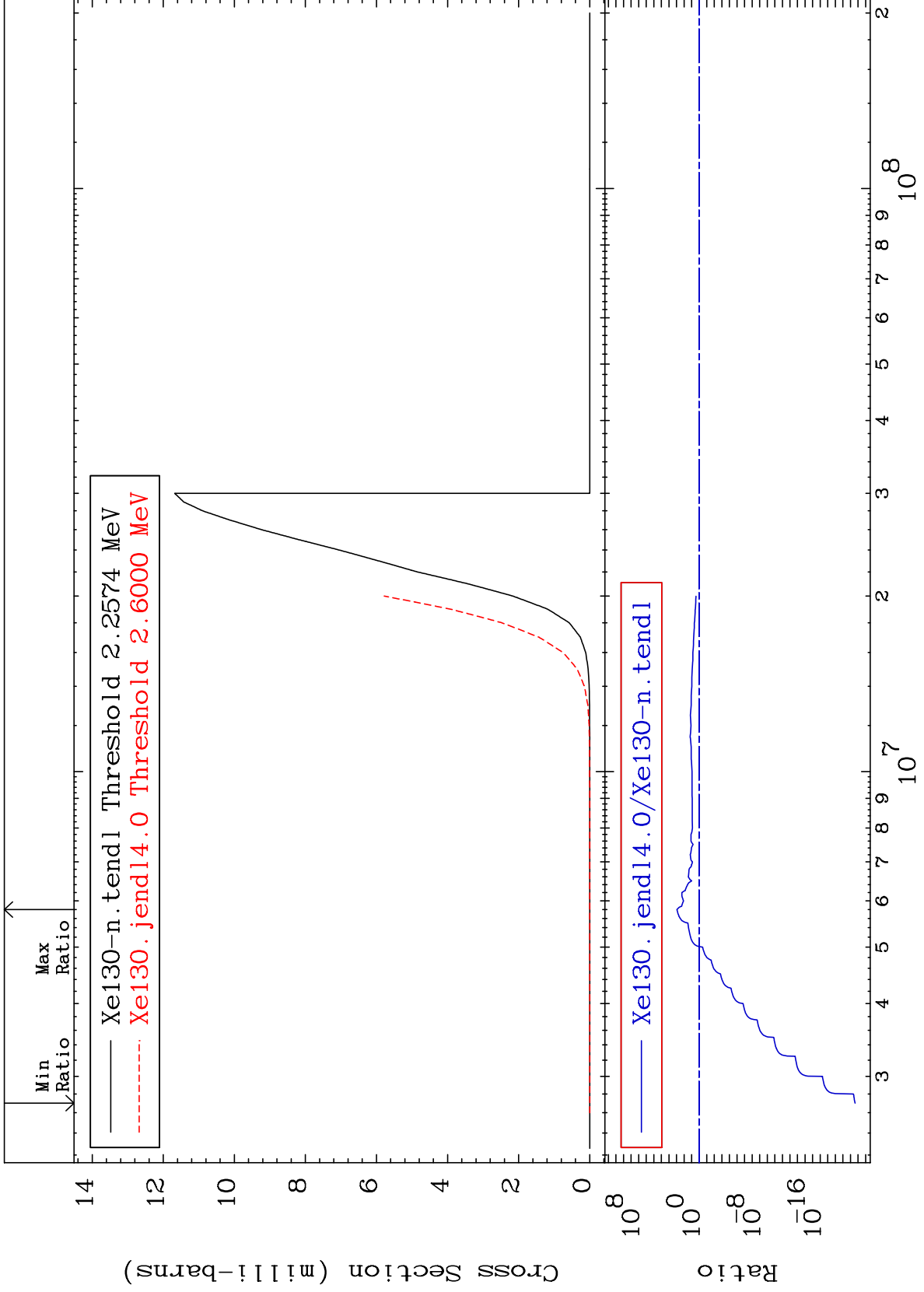
54-Xe-130
-32.50 To 60.98 %



MAT 5443

(n, n') α
Cross Section

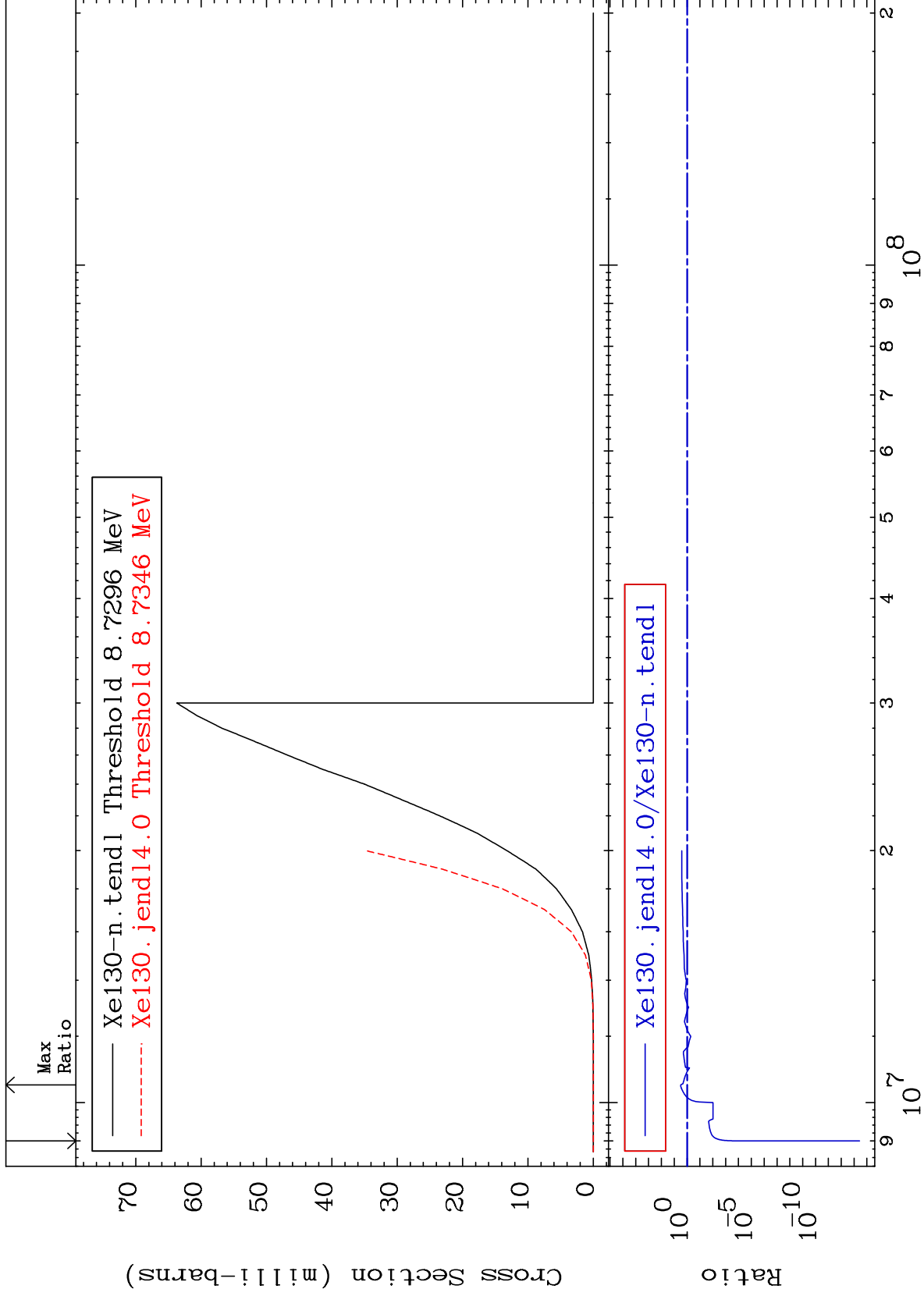
54-Xe-130
-100.0 To 9999. %



MAT 5443

(n,n') p
Cross Section

54-Xe-130
-100.0 To 210.7 %



7

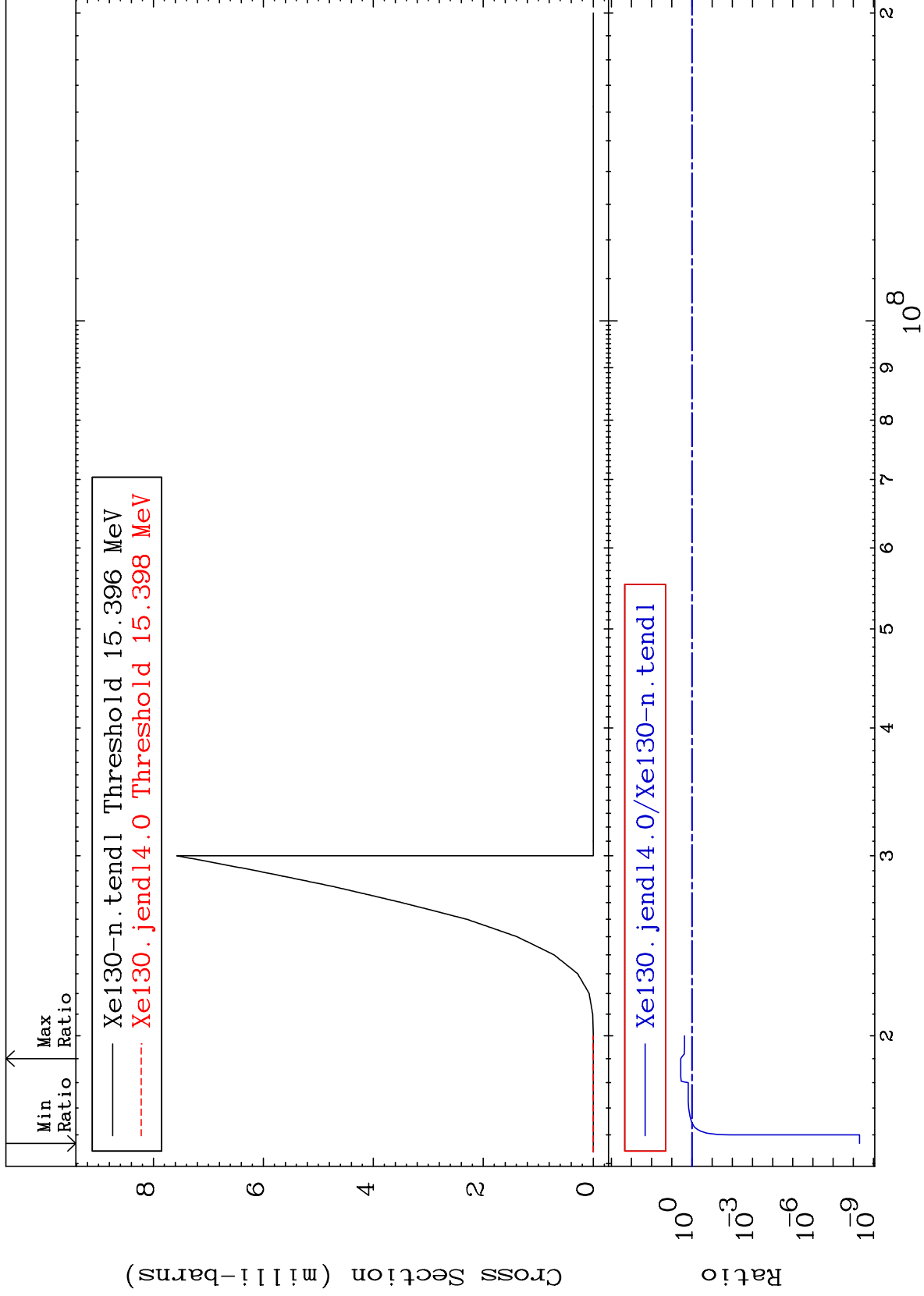
Incident Energy (eV)

54-Xe-130

MAT 5443

(n,n') d
Cross Section

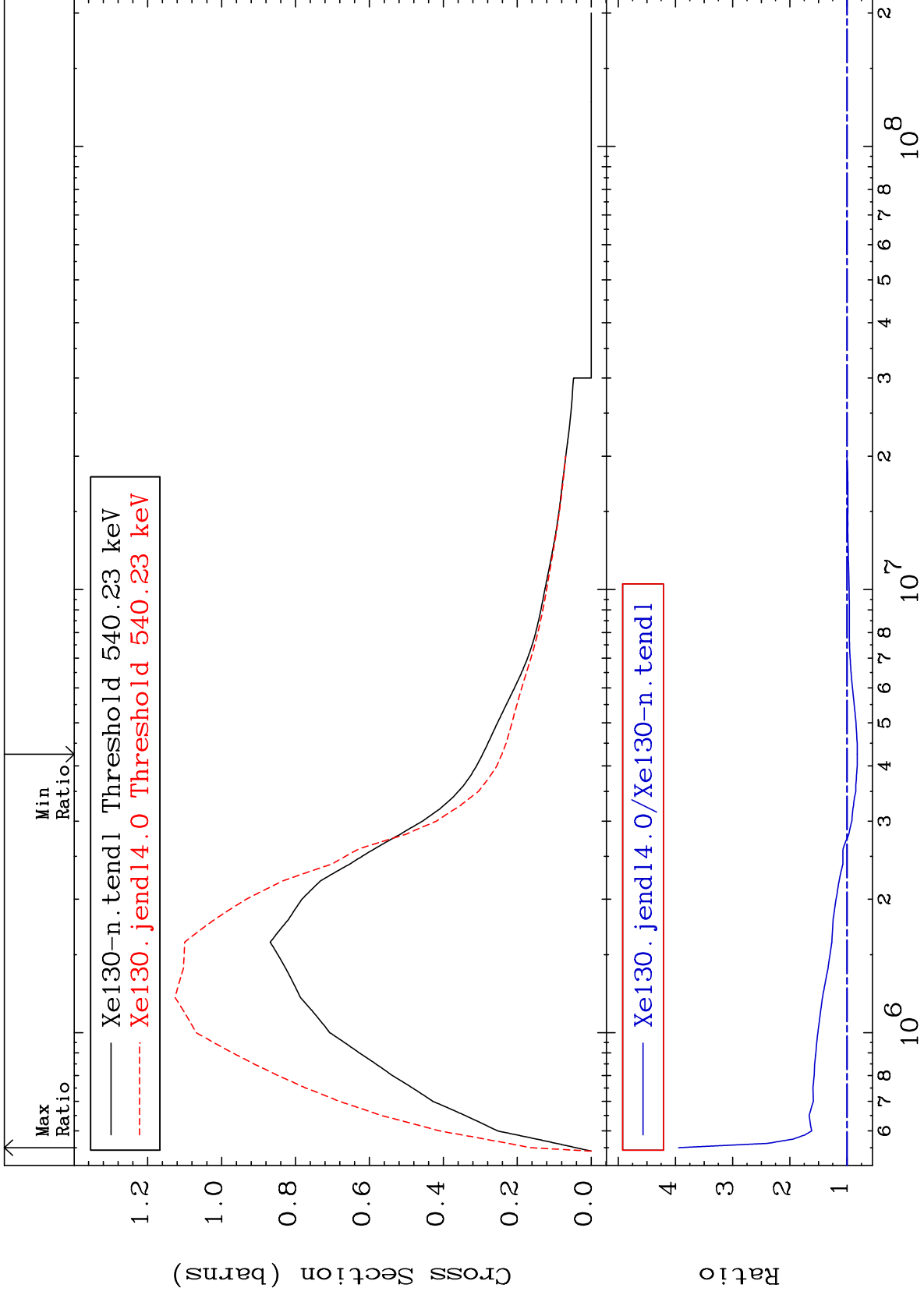
54-Xe-130
-100.0 To 259.4 %



MAT 5443

536.1 keV (n,n') Level
Cross Section

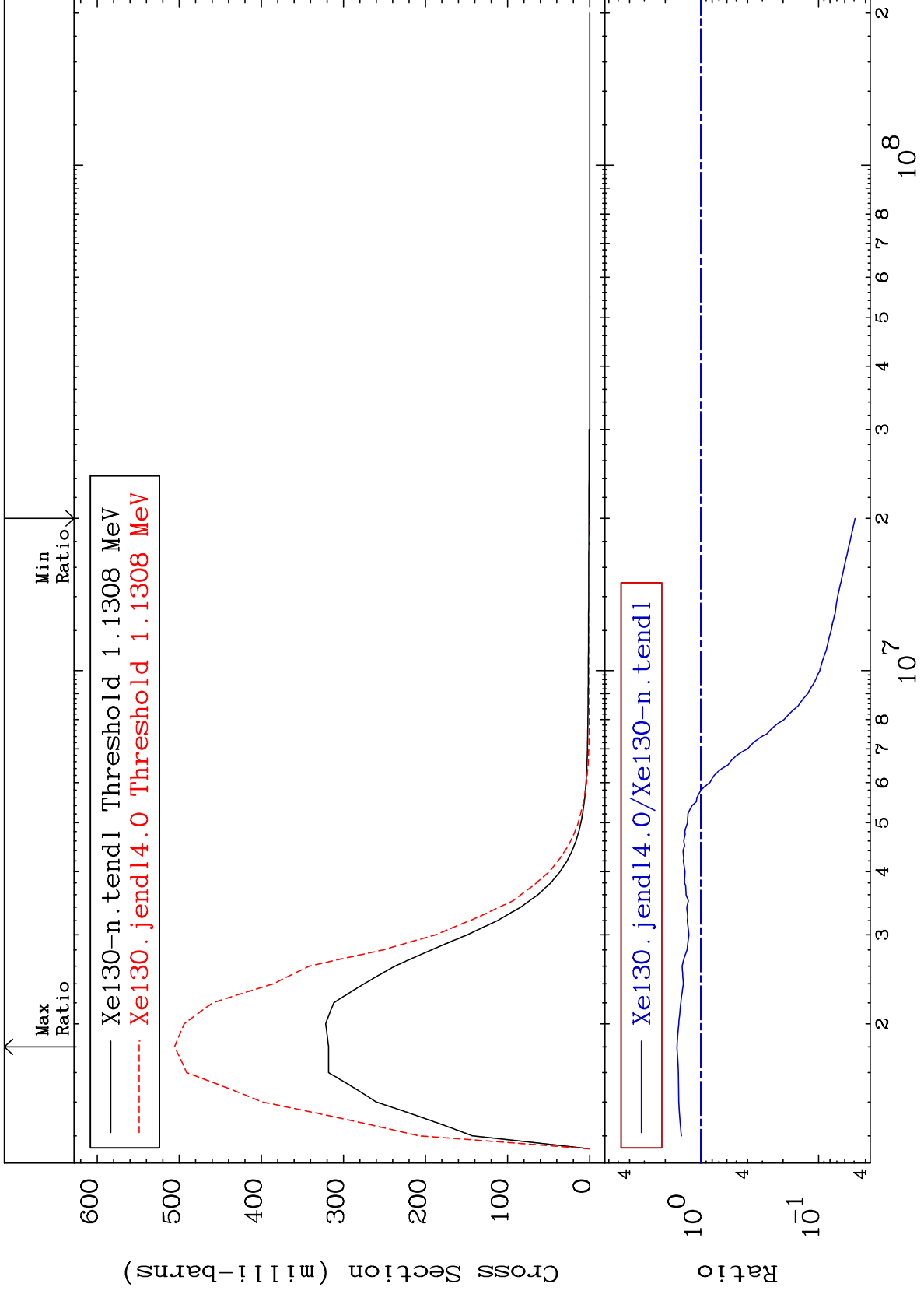
54-Xe-130
-17.79 To 294.5 %



MAT 5443

1.122 MeV (n,n') Level
Cross Section

54-Xe-130
-95.10 To 58.98 %



10

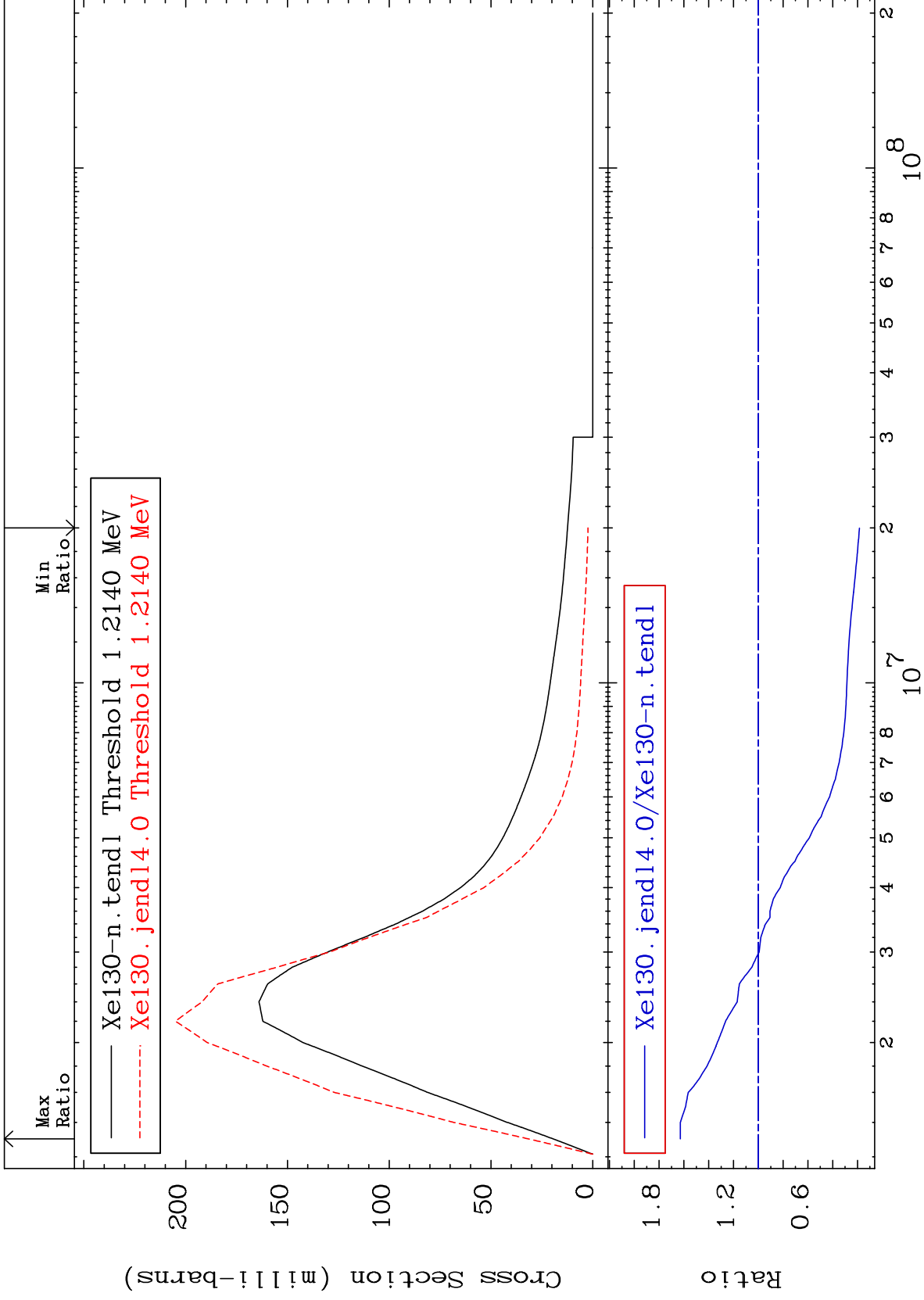
Incident Energy (eV)

54-Xe-130

MAT 5443

1.205 MeV (n,n') Level
Cross Section

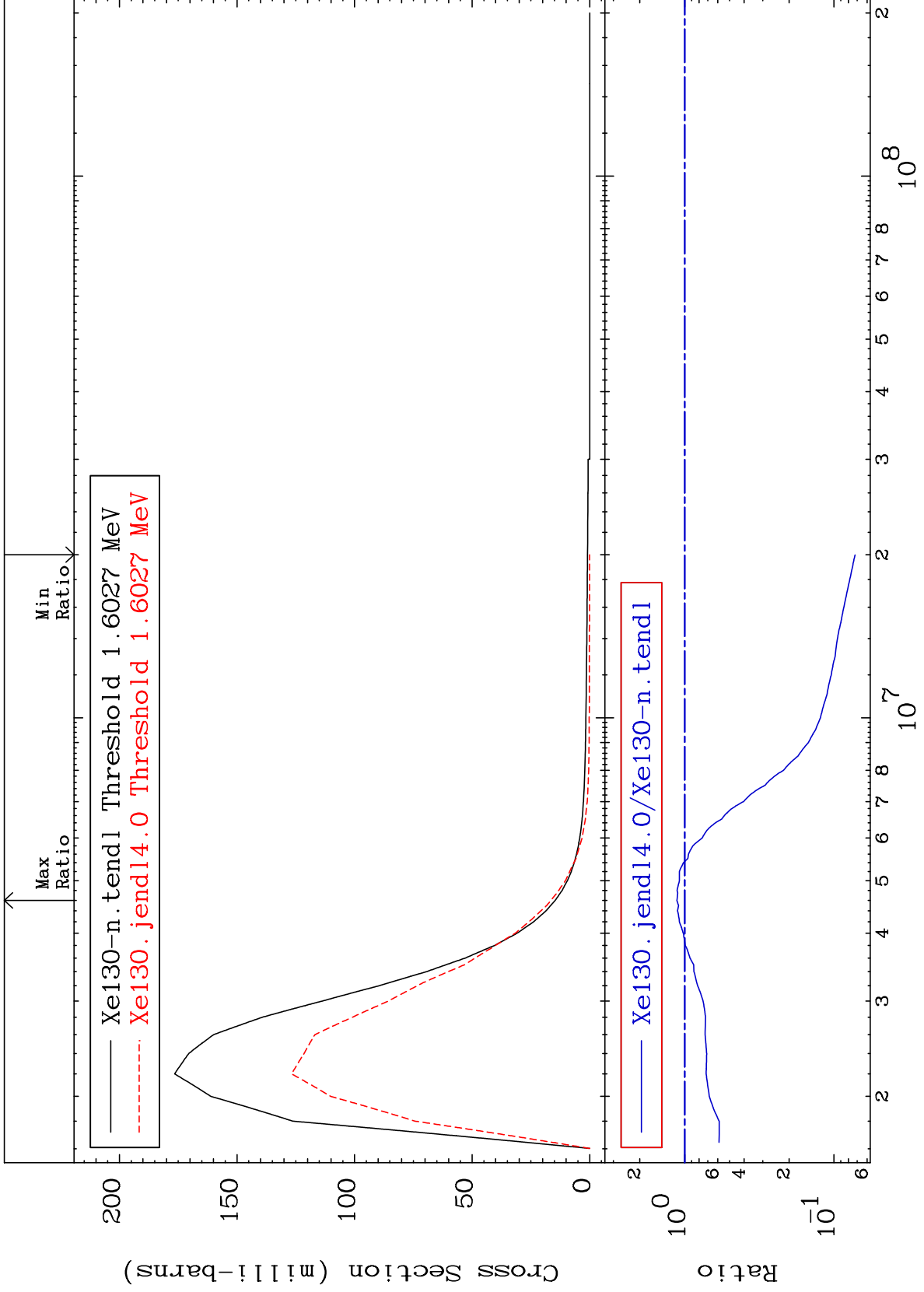
54-Xe-130
-81.55 To 62.87 %



MAT 5443

1.590 MeV (n,n') Level
Cross Section

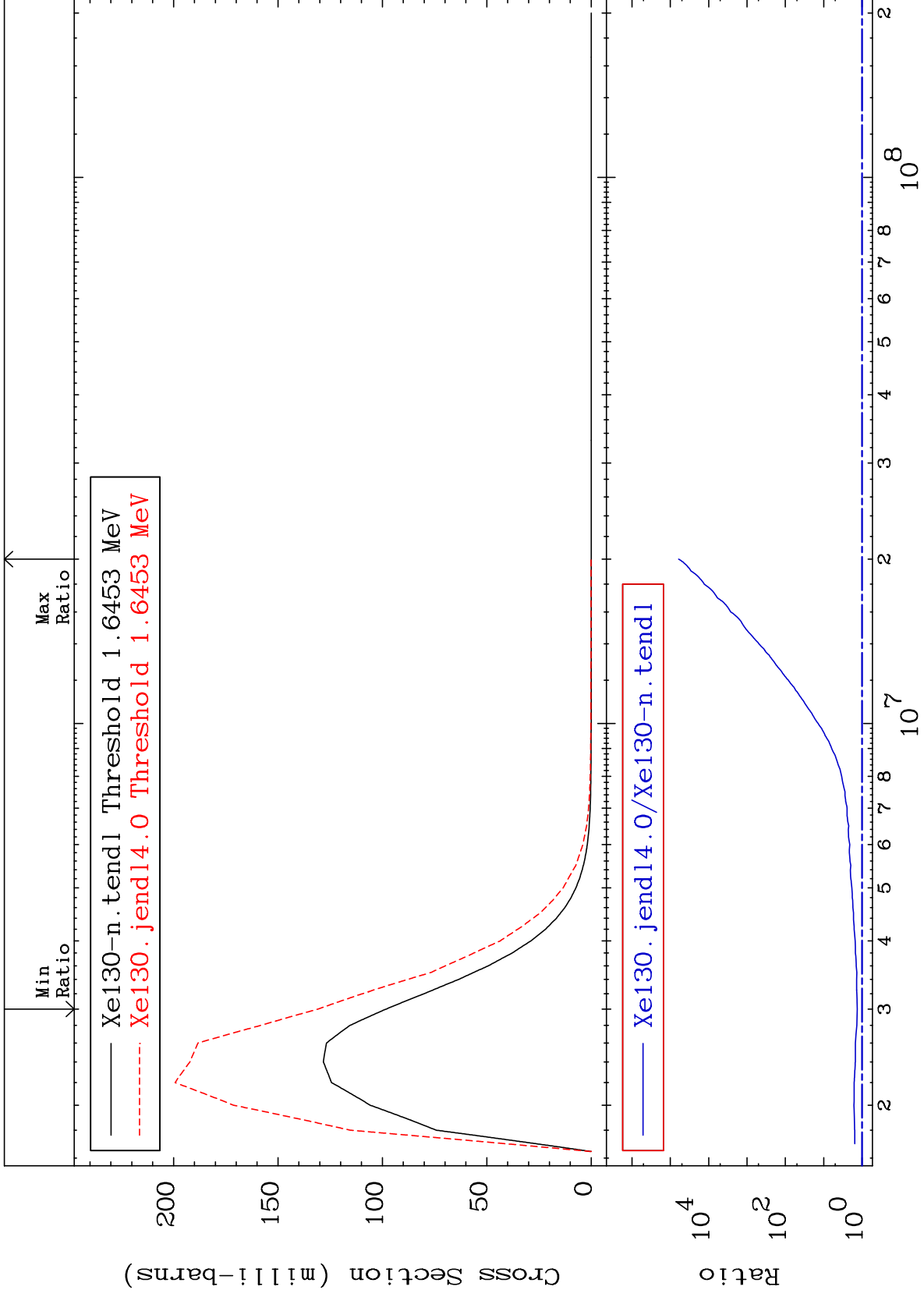
54-Xe-130
-92.78 To 12.72 %



MAT 5443

1.633 MeV (n,n') Level
Cross Section

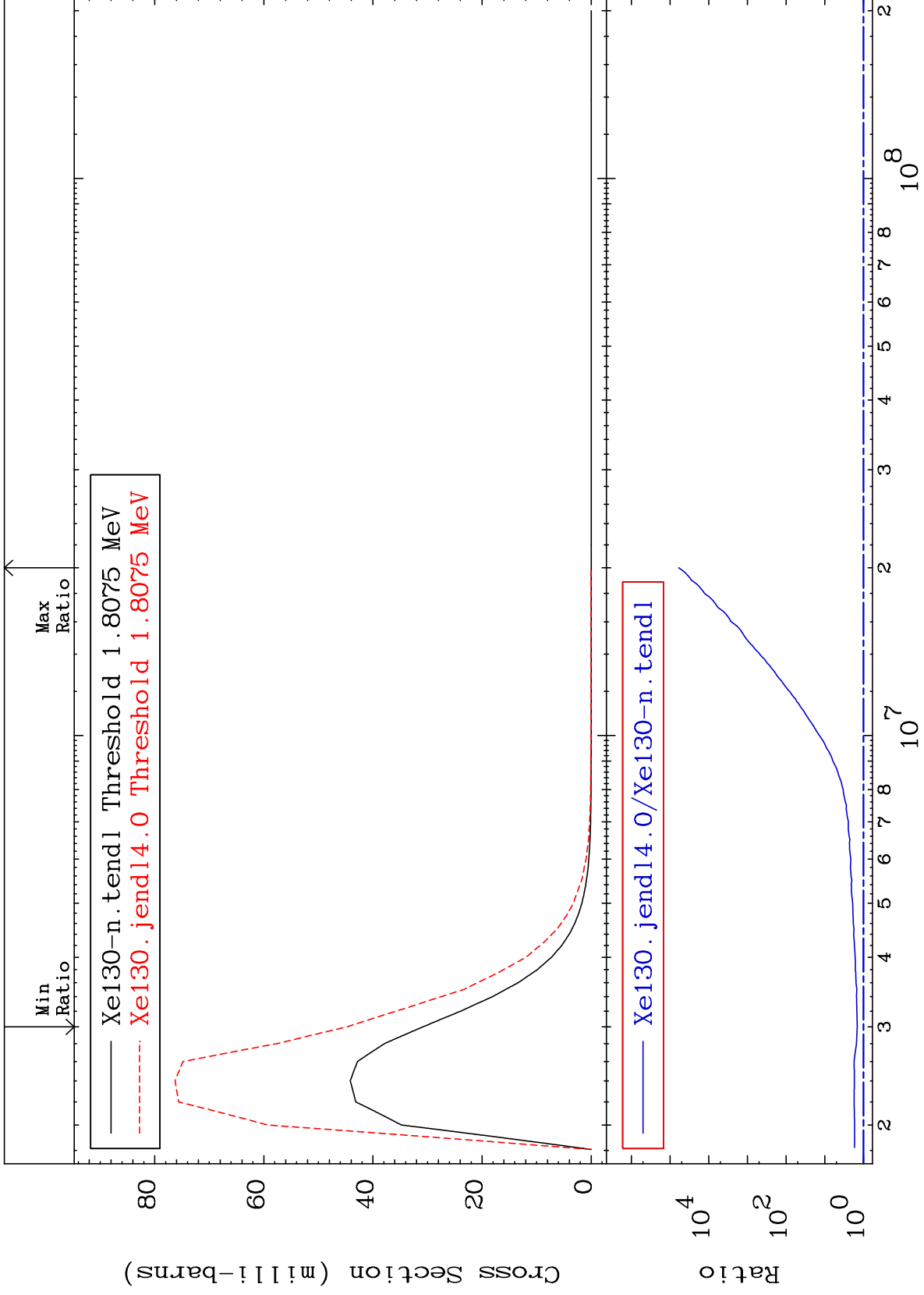
54-Xe-130
33.18 To 9999. %



MAT 5443

1.794 MeV (n,n') Level
Cross Section

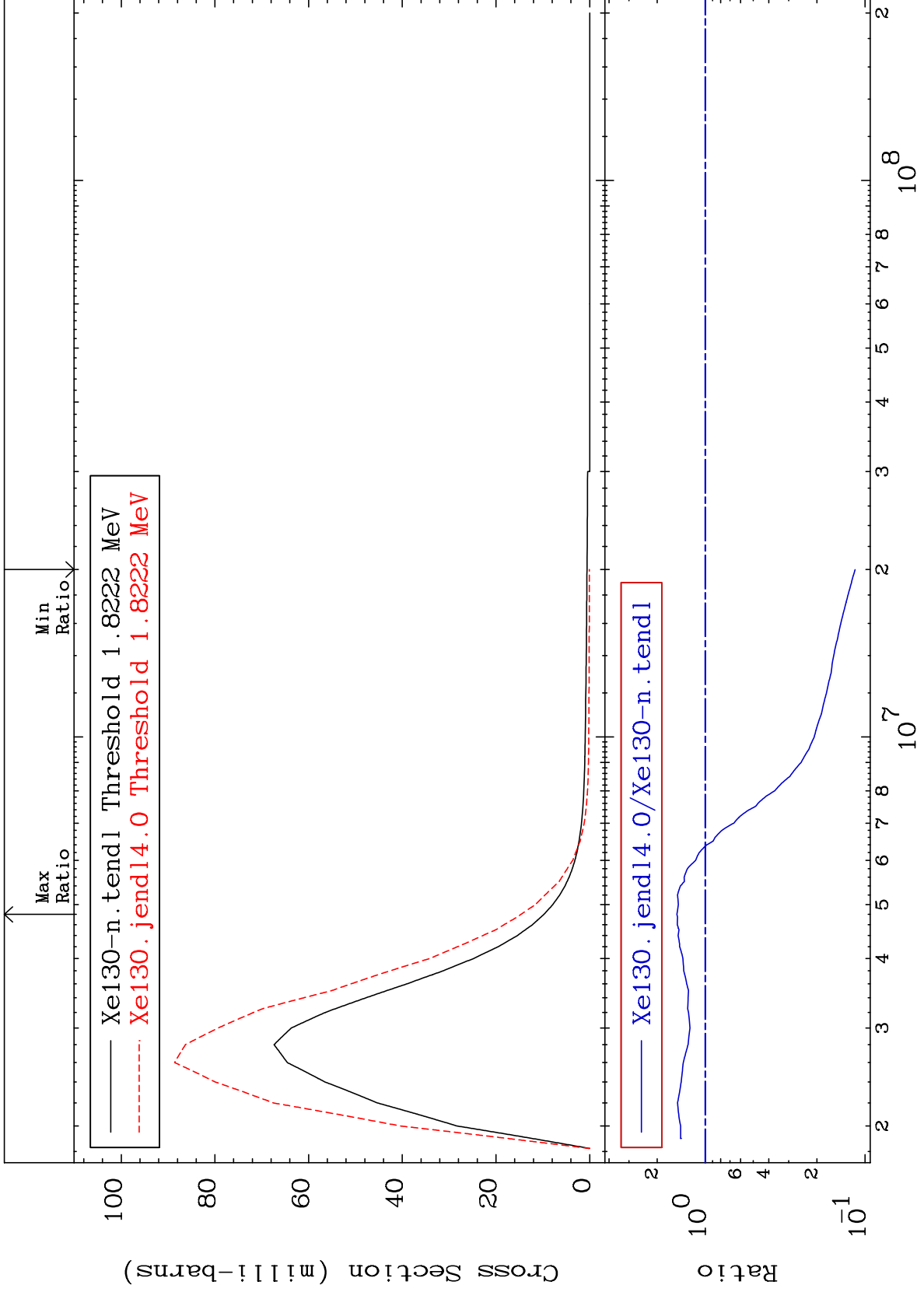
54-Xe-130
45.20 To 9999. %



MAT 5443

1.808 MeV (n,n') Level
Cross Section

54-Xe-130
-88.46 To 50.29 %



15

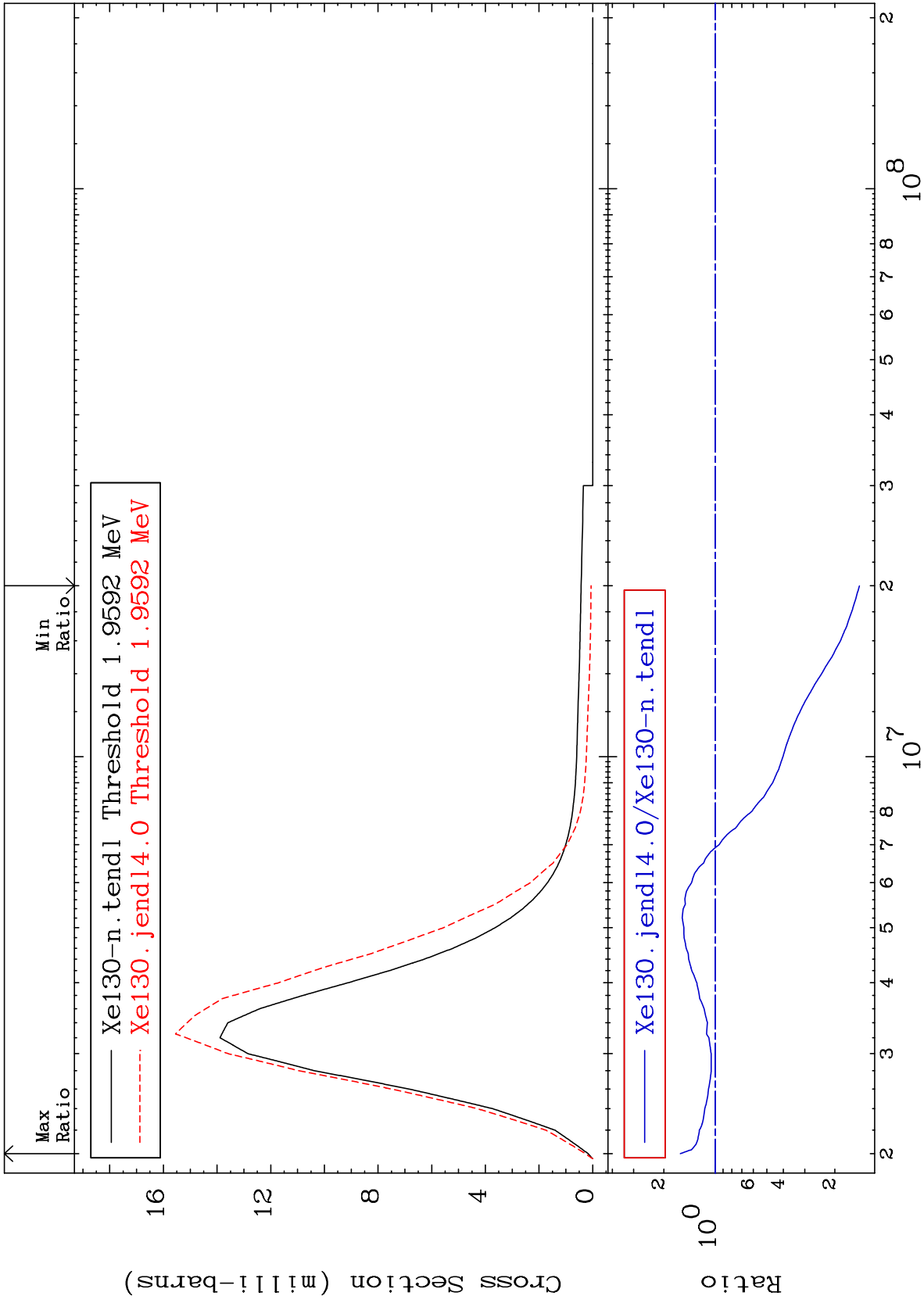
Incident Energy (eV)

54-Xe-130

MAT 5443

1.944 MeV (n,n') Level
Cross Section

54-Xe-130
-85.64 To 60.06 %



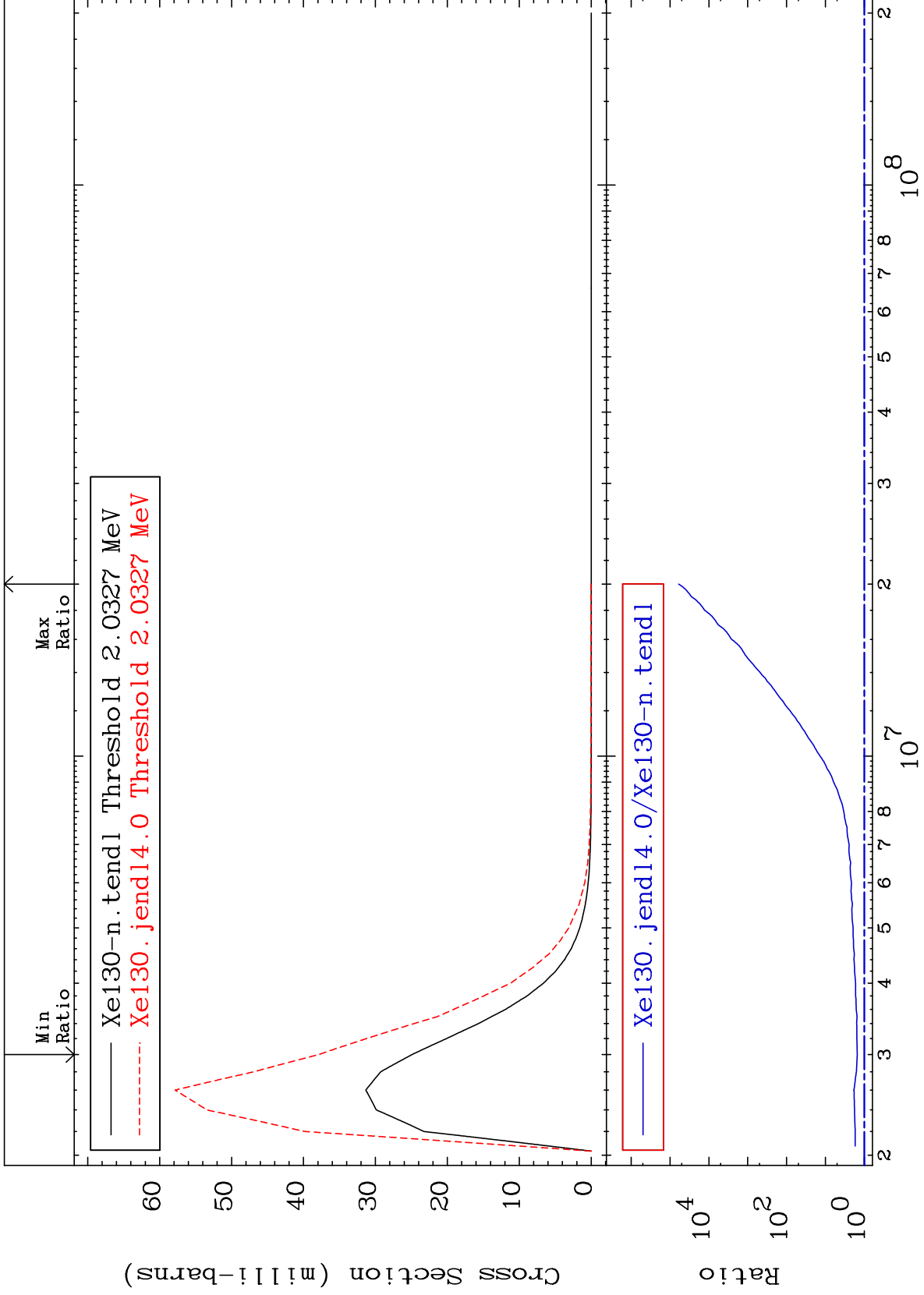
16

54-Xe-130

MAT 5443

2.017 MeV (n,n') Level
Cross Section

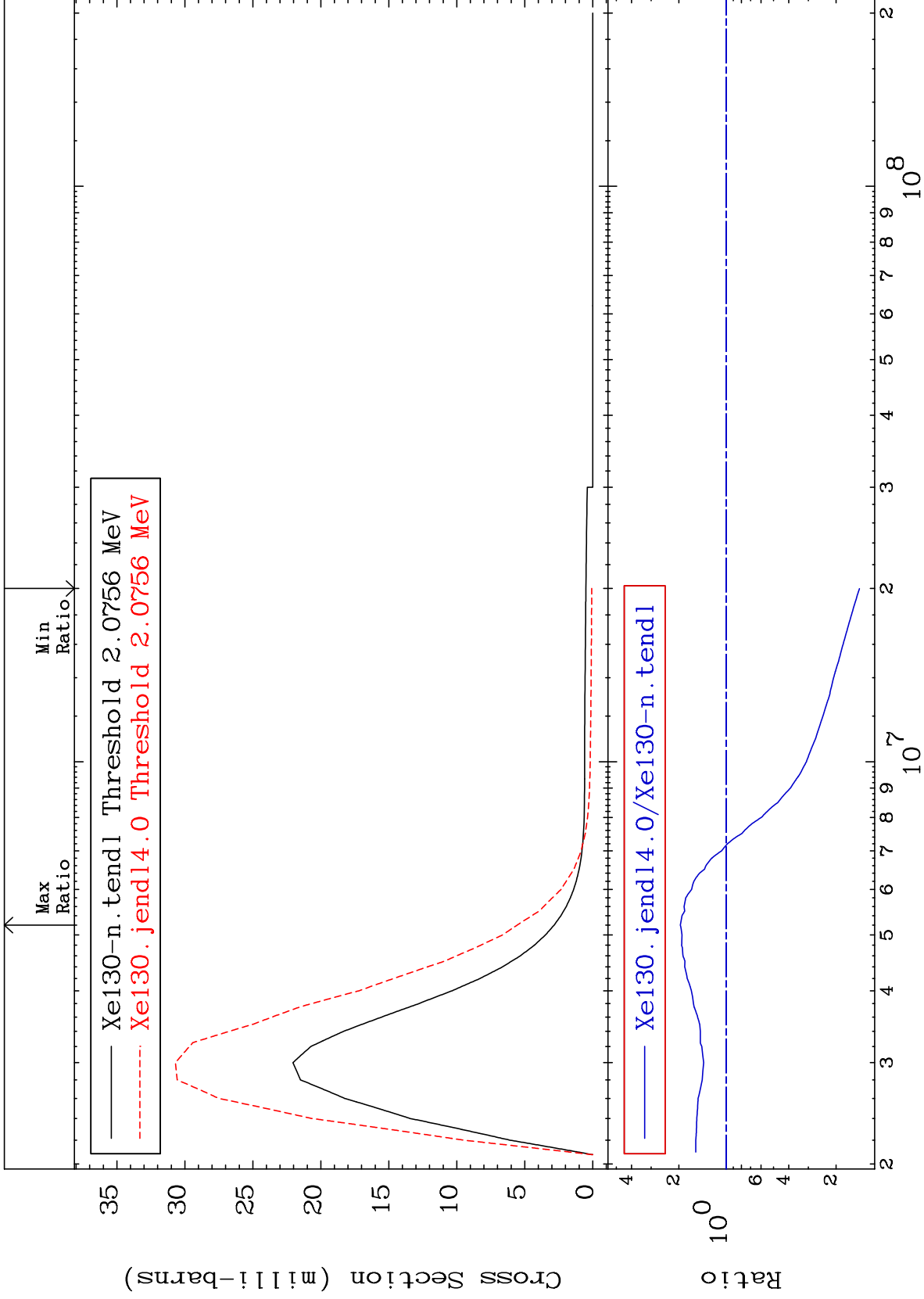
54-Xe-130
52.11 To 9999. %



MAT 5443

2.060 MeV (n,n') Level
Cross Section

54-Xe-130
-85.82 To 95.66 %



18

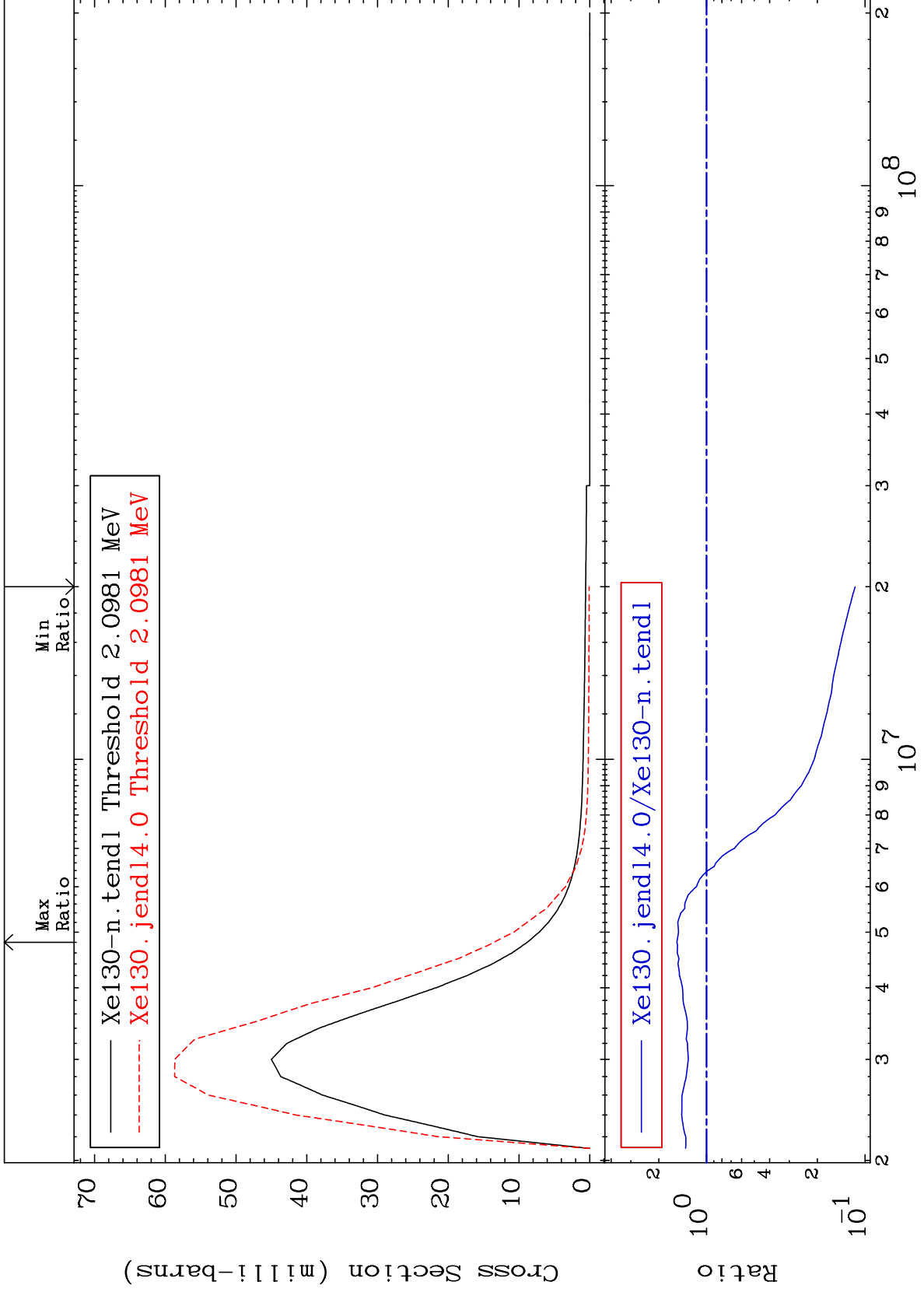
Incident Energy (eV)

54-Xe-130

MAT 5443

2.082 MeV (n,n') Level
Cross Section

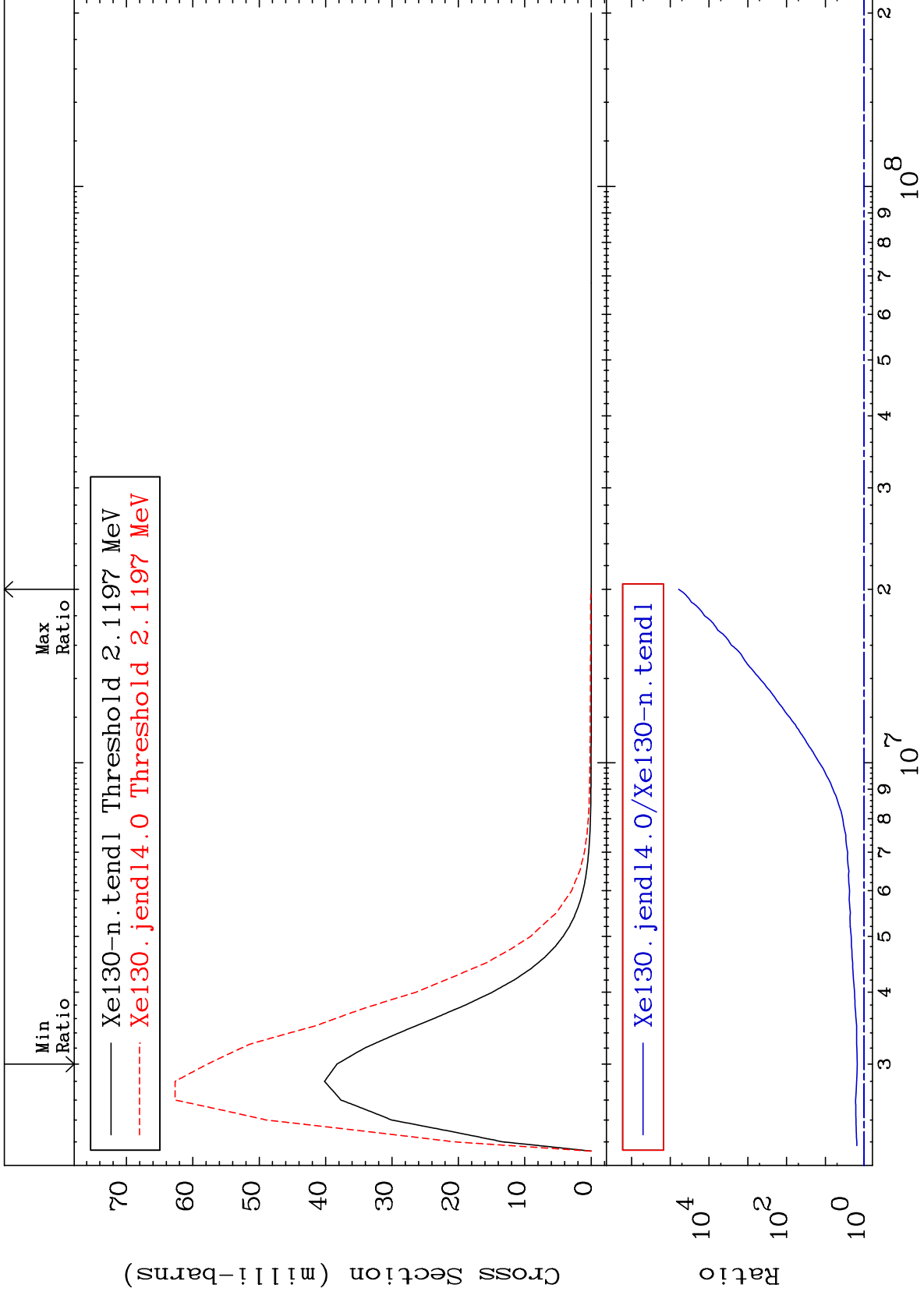
54-Xe-130
-88.45 To 53.67 %



MAT 5443

2.103 MeV (n,n') Level
Cross Section

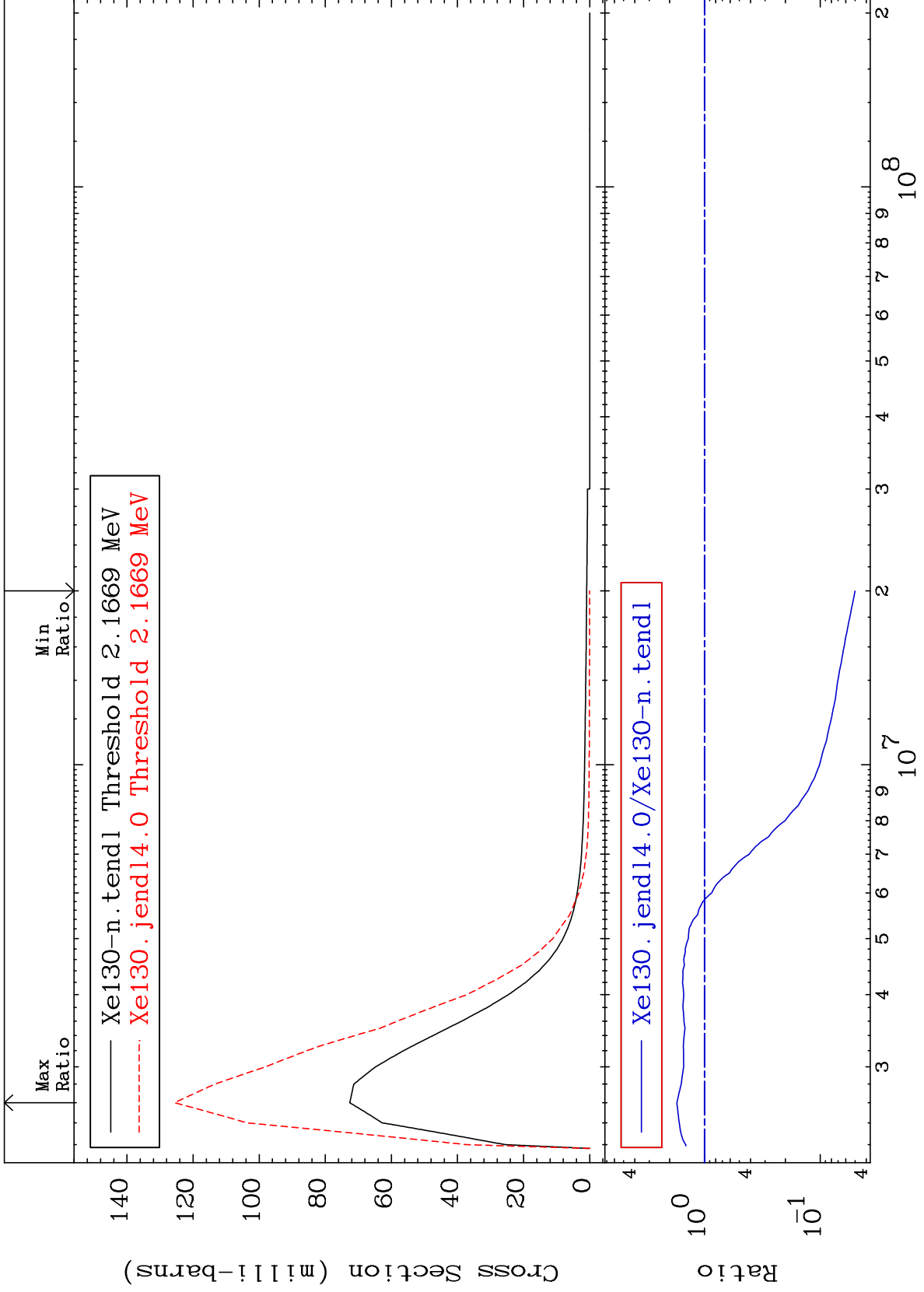
54-Xe-130
50.96 To 9999. %



MAT 5443

2.150 MeV (n,n') Level
Cross Section

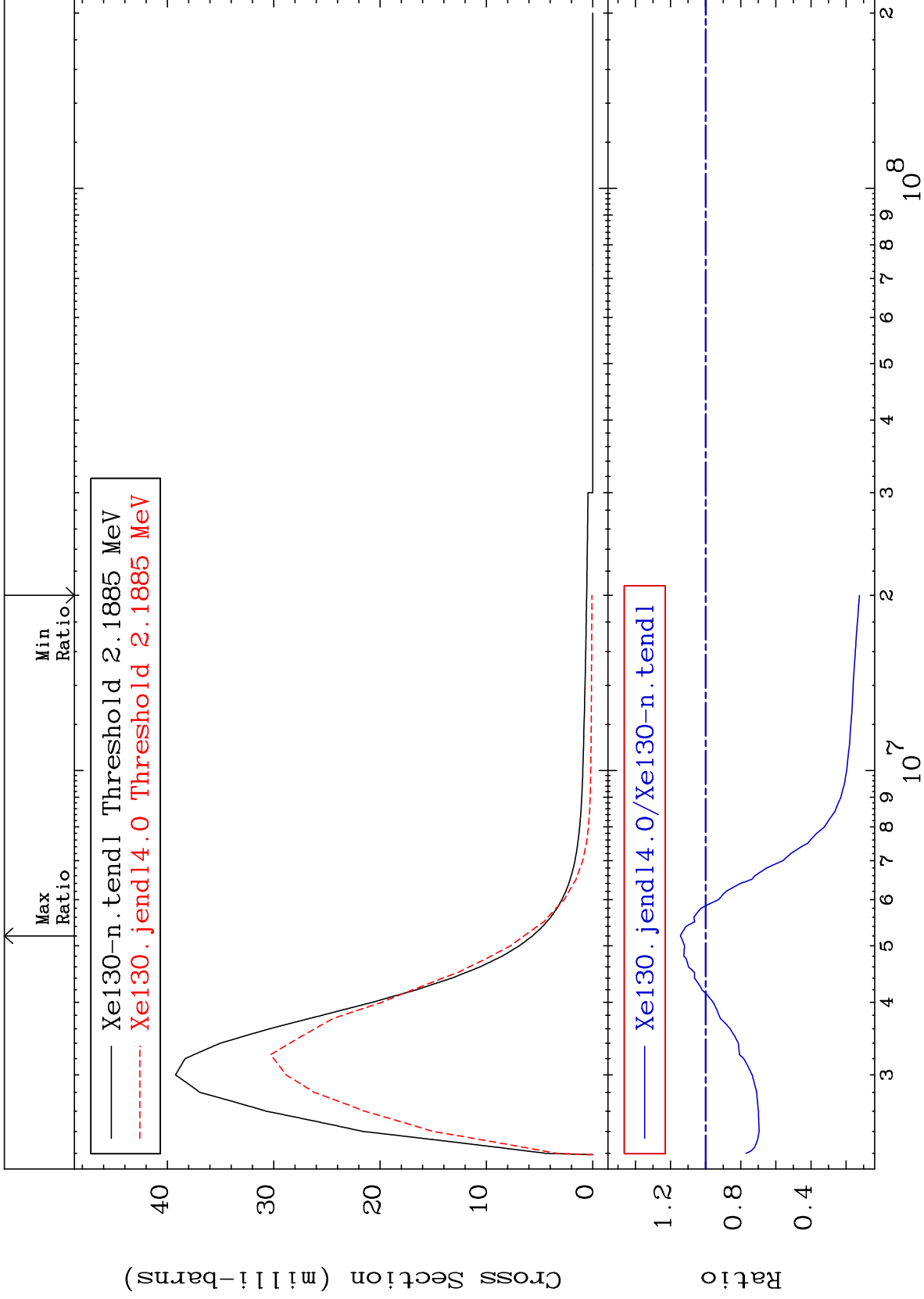
54-Xe-130
-95.01 To 72.97 %



MAT 5443

2.172 MeV (n,n') Level
Cross Section

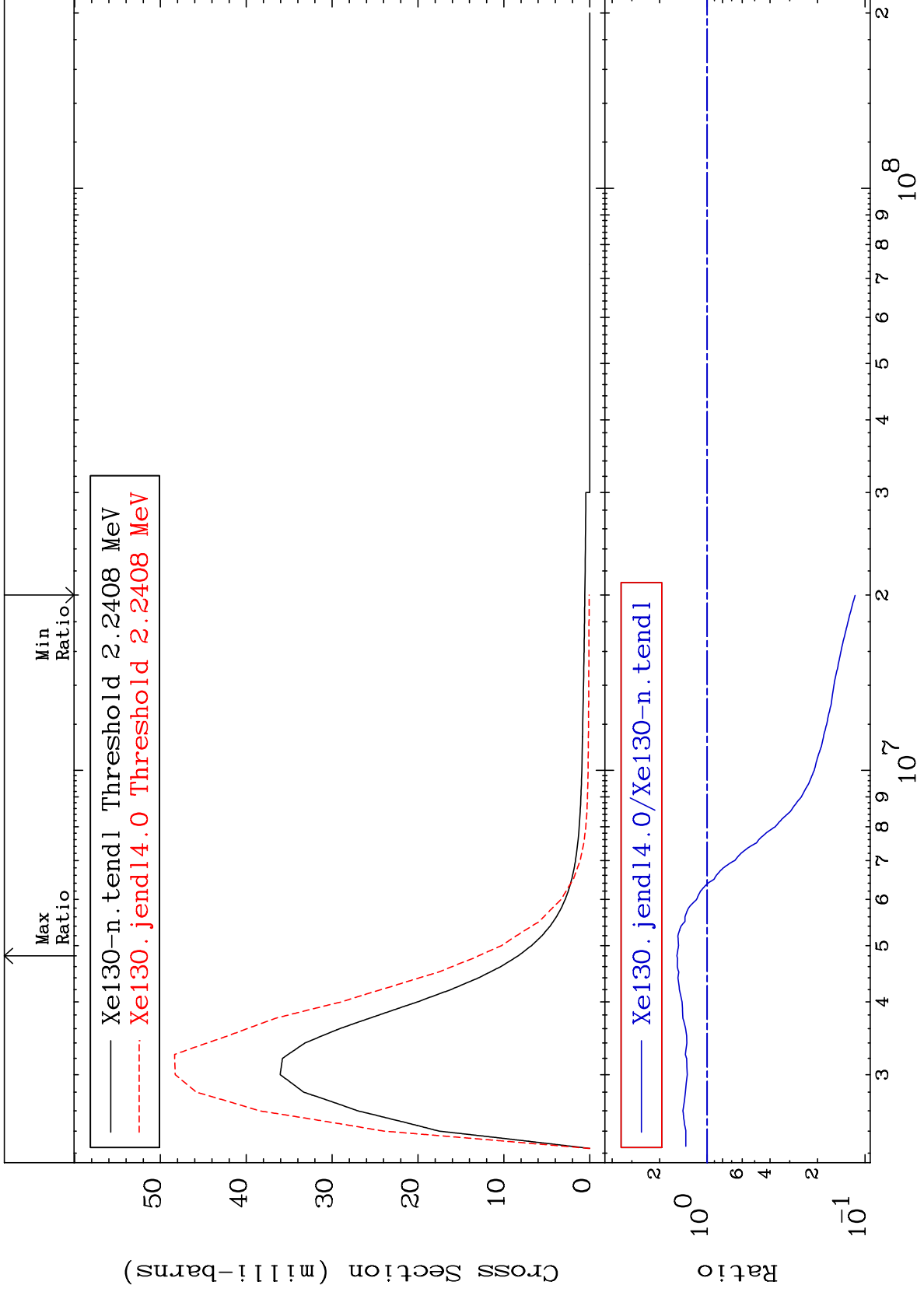
54-Xe-130
-87.62 To 14.41 %



MAT 5443

2.224 MeV (n,n') Level
Cross Section

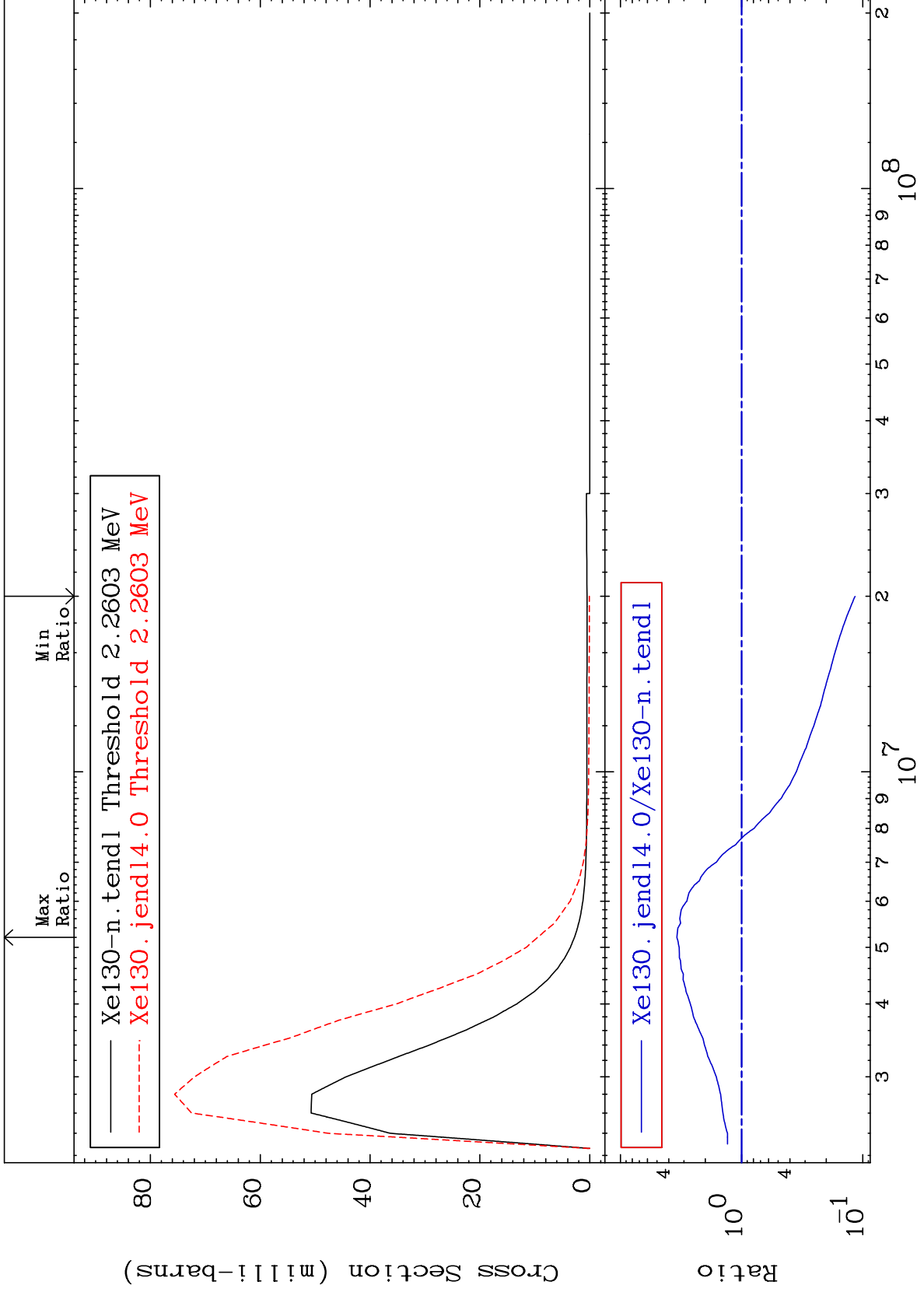
54-Xe-130
-88.45 To 55.55 %



MAT 5443

2.243 MeV (n,n') Level
Cross Section

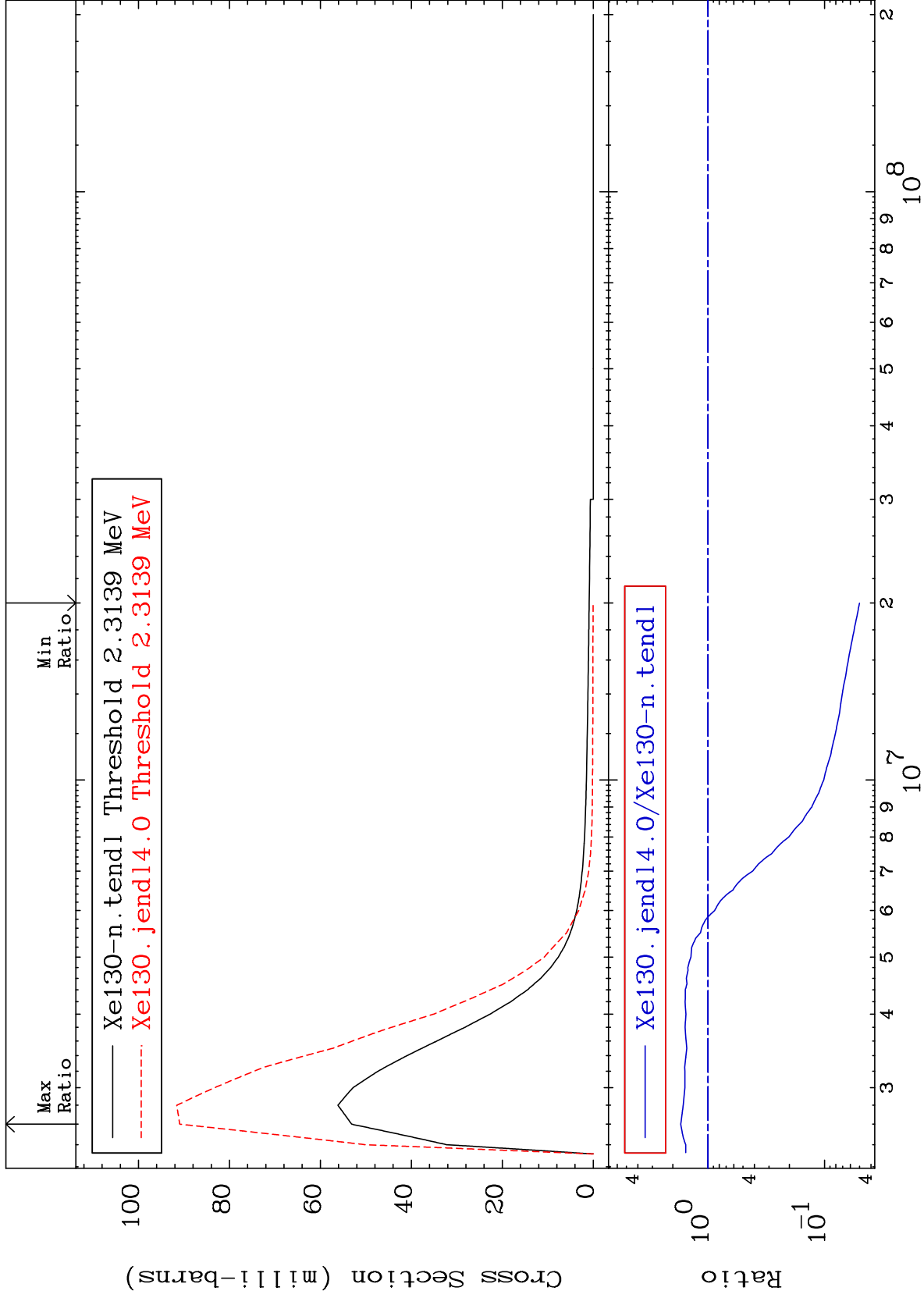
54-Xe-130
-88.43 To 242.4 %



MAT 5443

2.296 MeV (n,n') Level
Cross Section

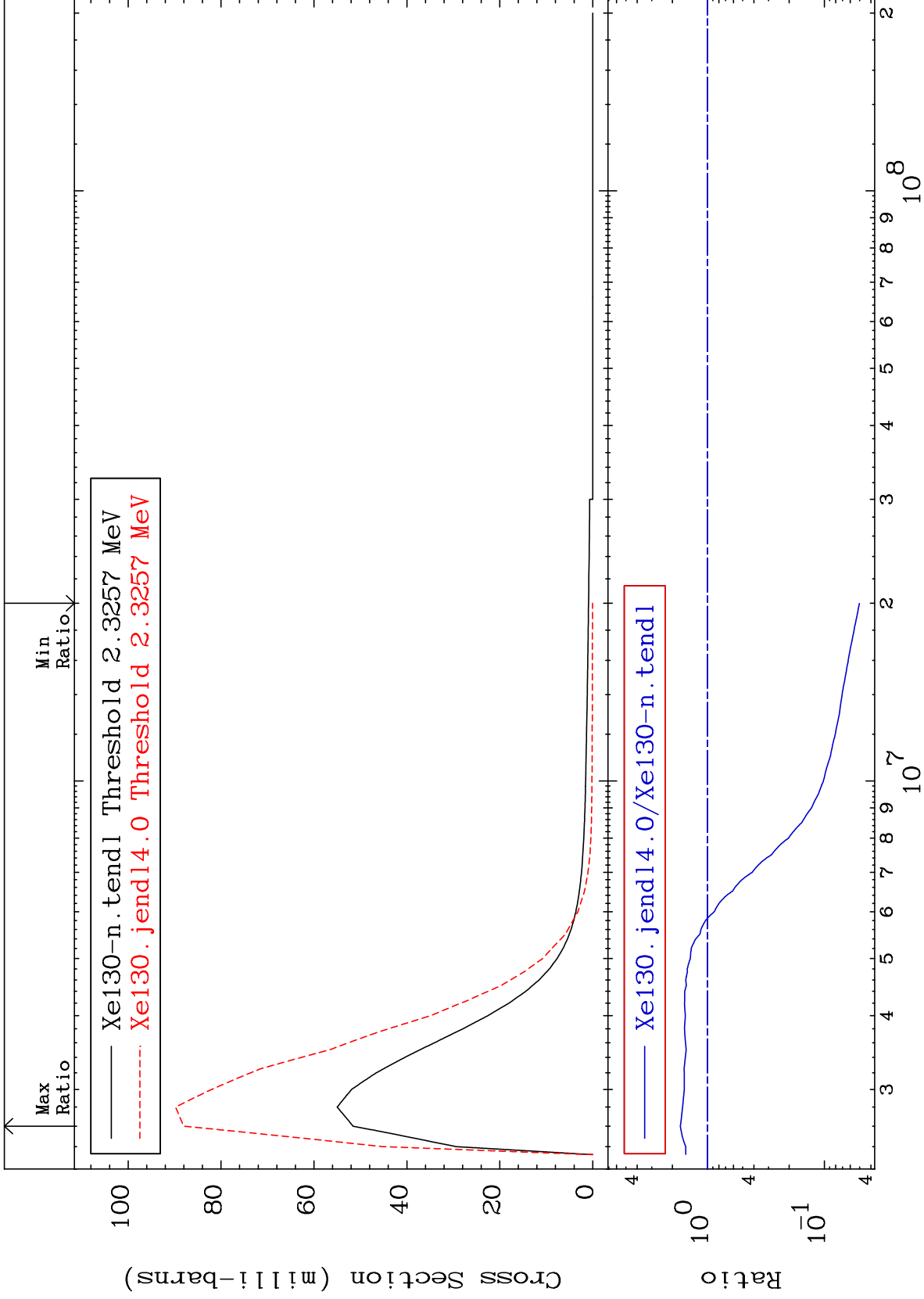
54-Xe-130
-94.99 To 71.13 %



MAT 5443

2.308 MeV (n,n') Level
Cross Section

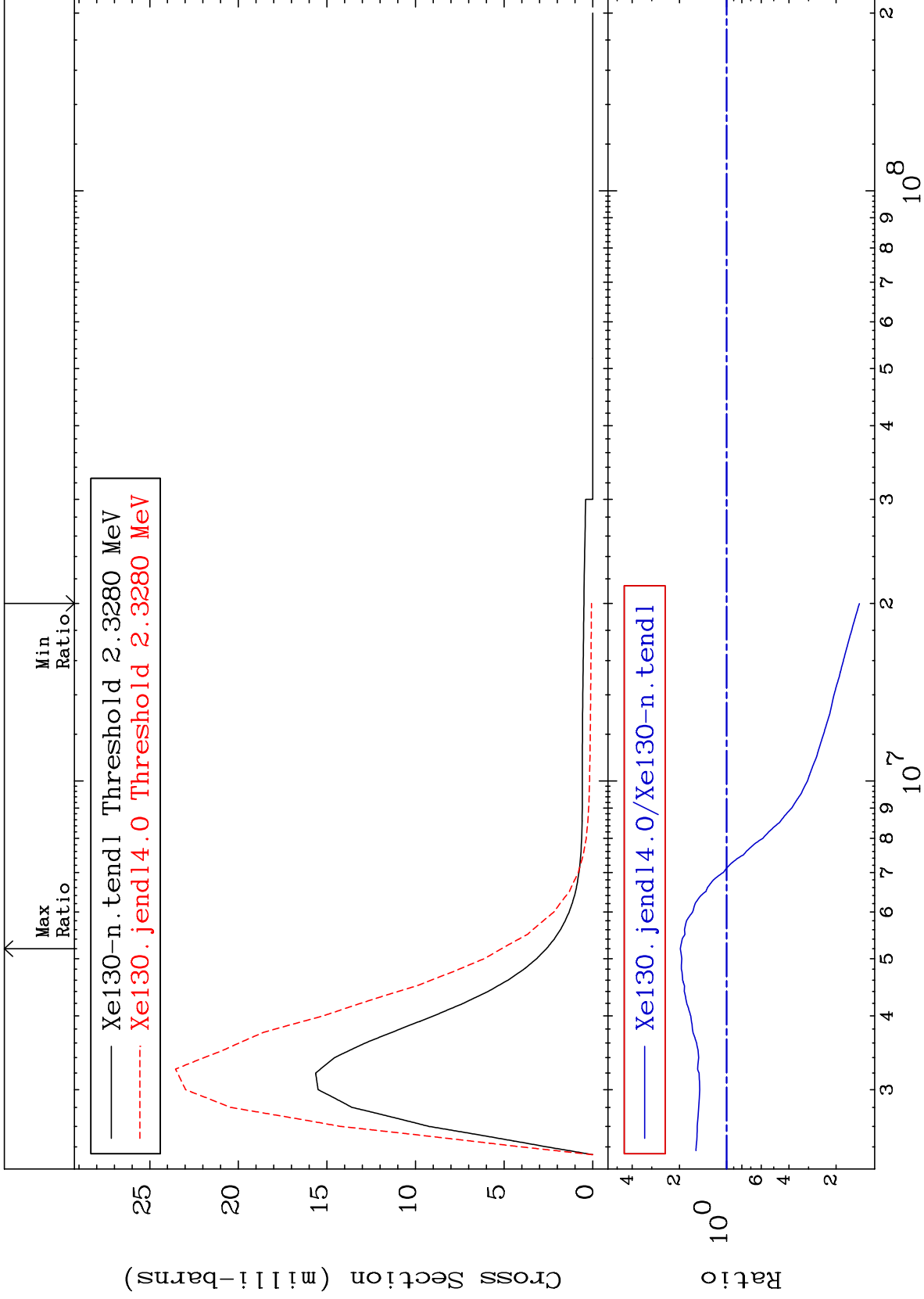
54-Xe-130
-94.99 To 70.69 %



MAT 5443

2.310 MeV (n,n') Level
Cross Section

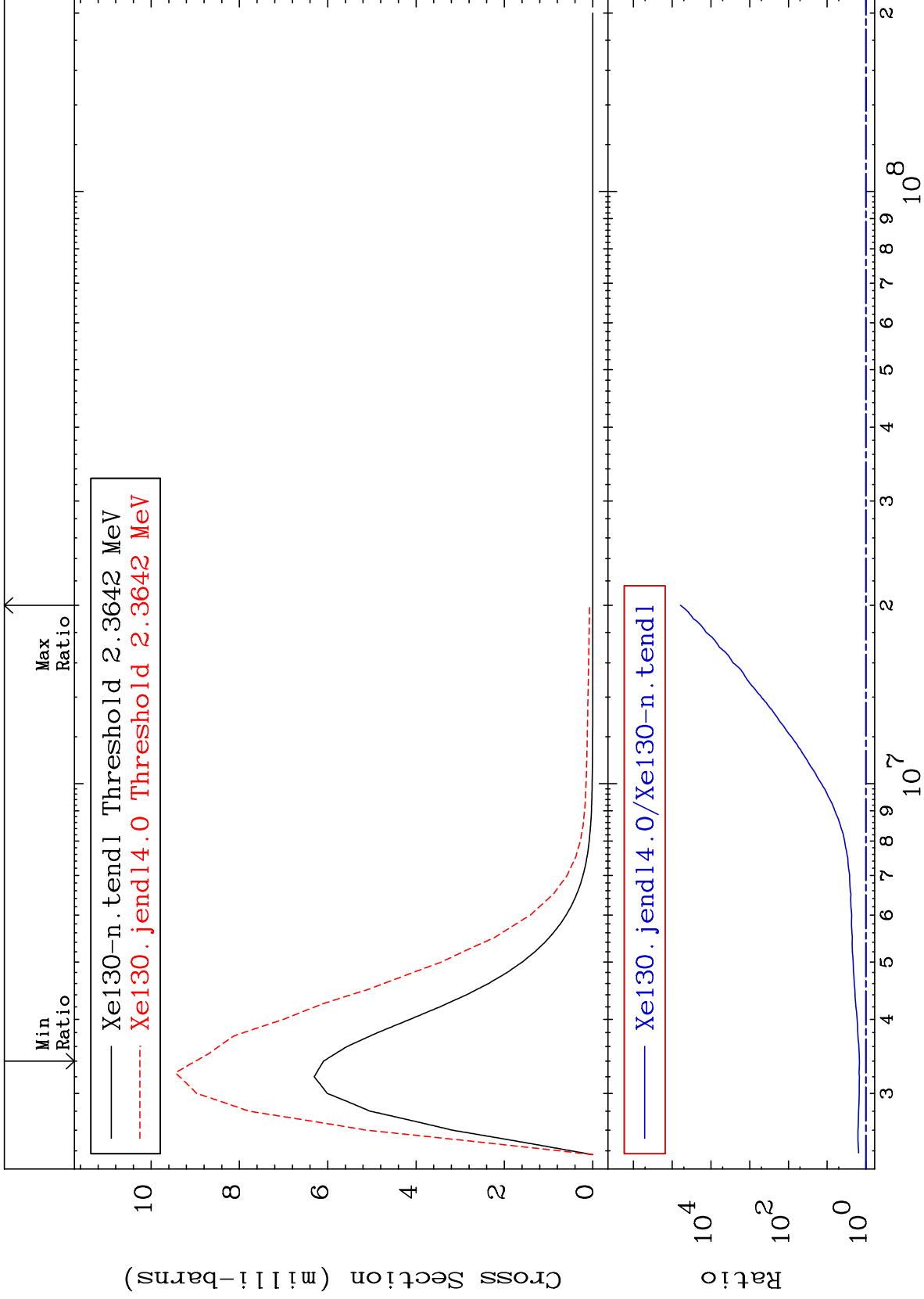
54-Xe-130
-85.81 To 97.20 %



MAT 5443

2.346 MeV (n,n') Level
Cross Section

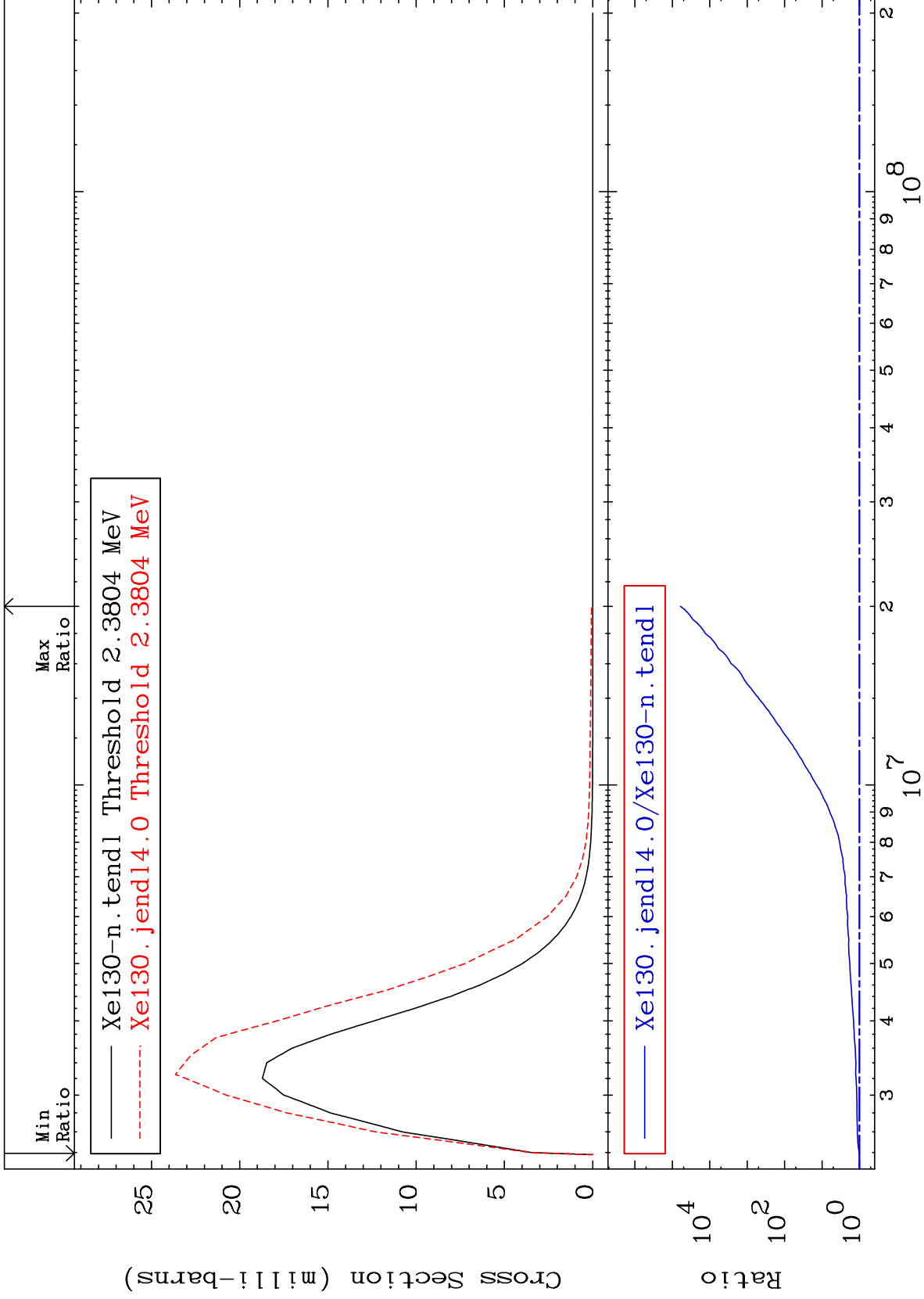
54-Xe-130
47.54 To 9999. %



MAT 5443

2.362 MeV (n,n') Level
Cross Section

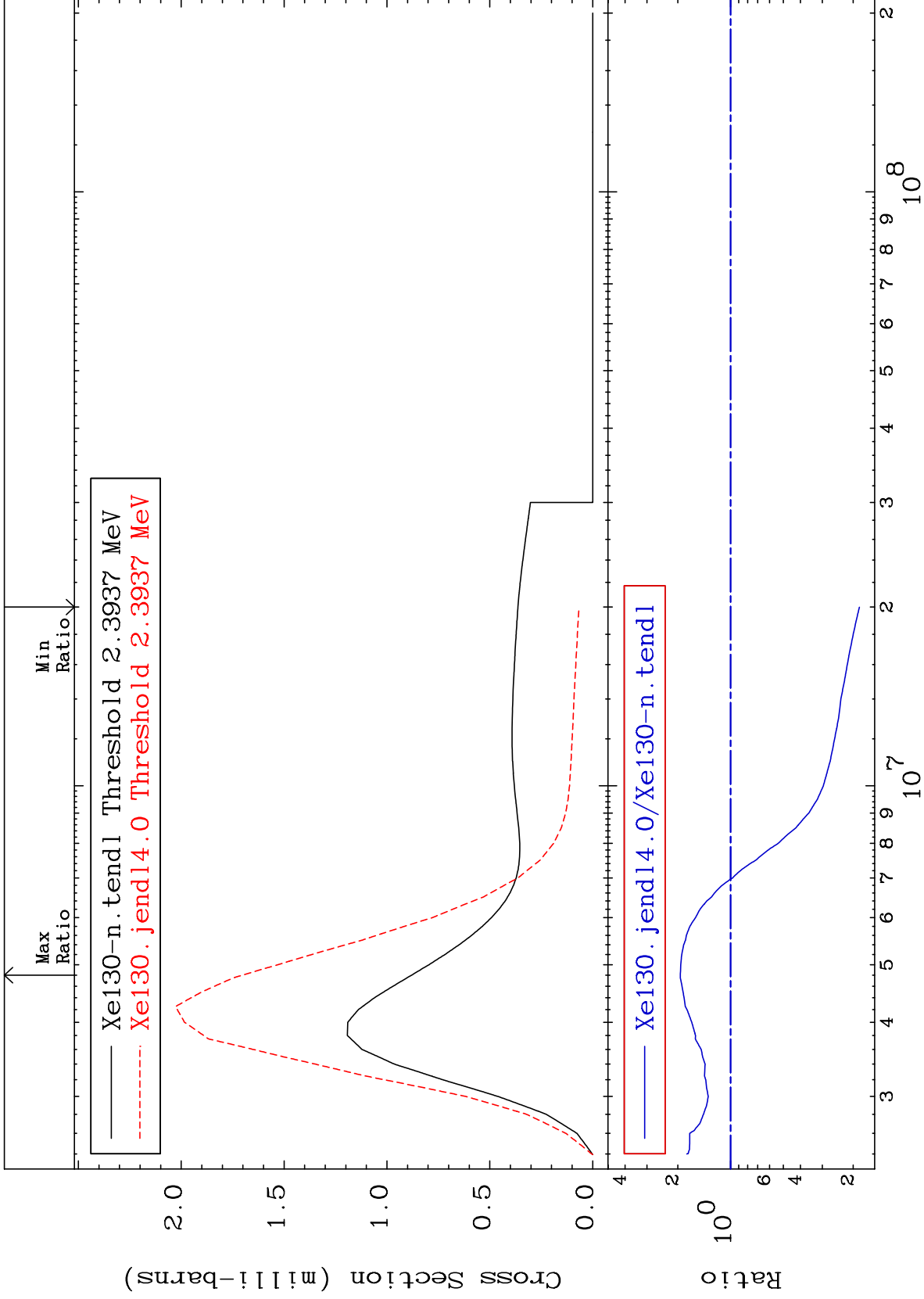
54-Xe-130
0.564 To 9999. %



MAT 5443

2.375 MeV (n,n') Level
Cross Section

54-Xe-130
-81.60 To 93.48 %



30

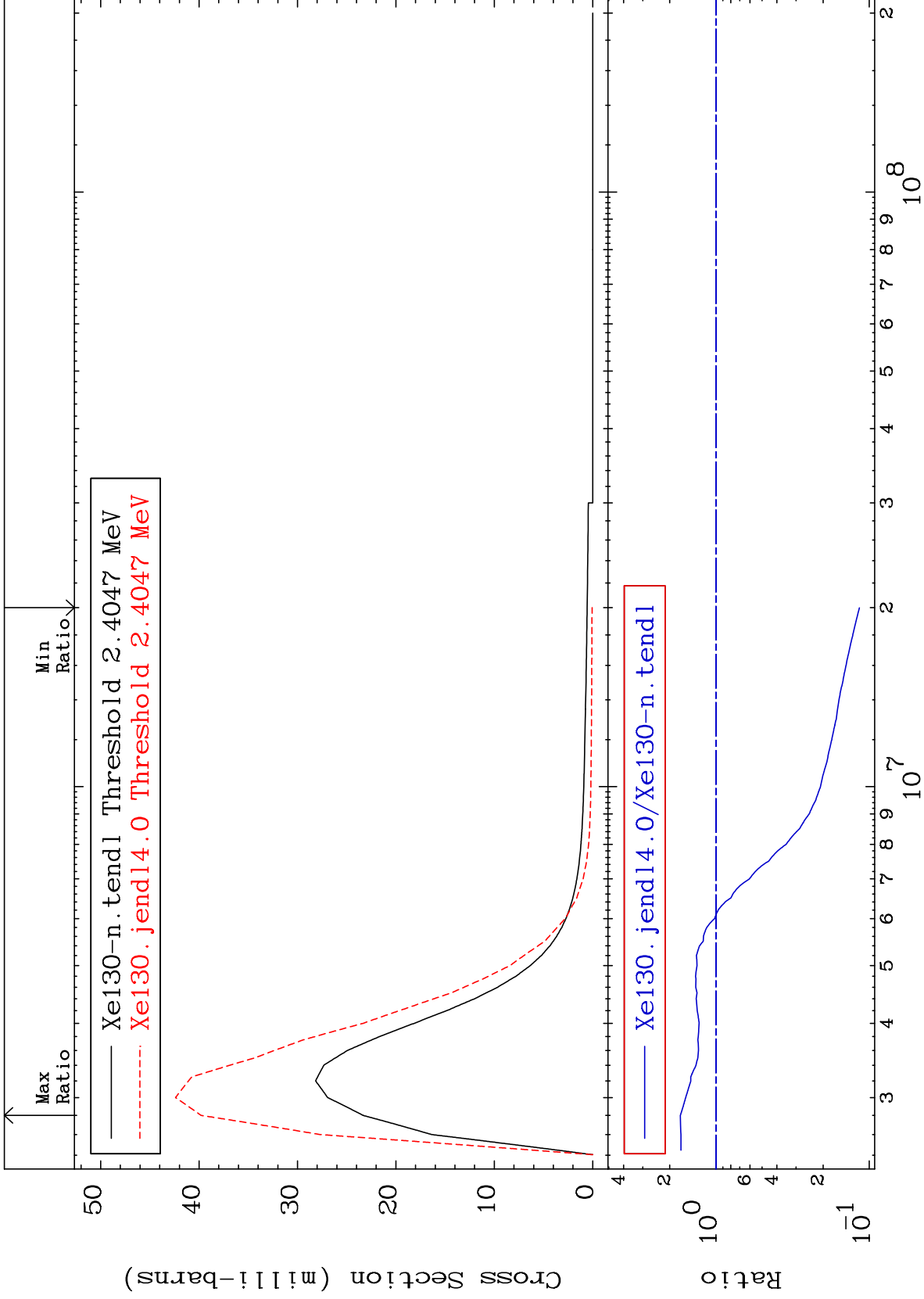
Incident Energy (eV)

54-Xe-130

MAT 5443

2.386 MeV (n,n') Level
Cross Section

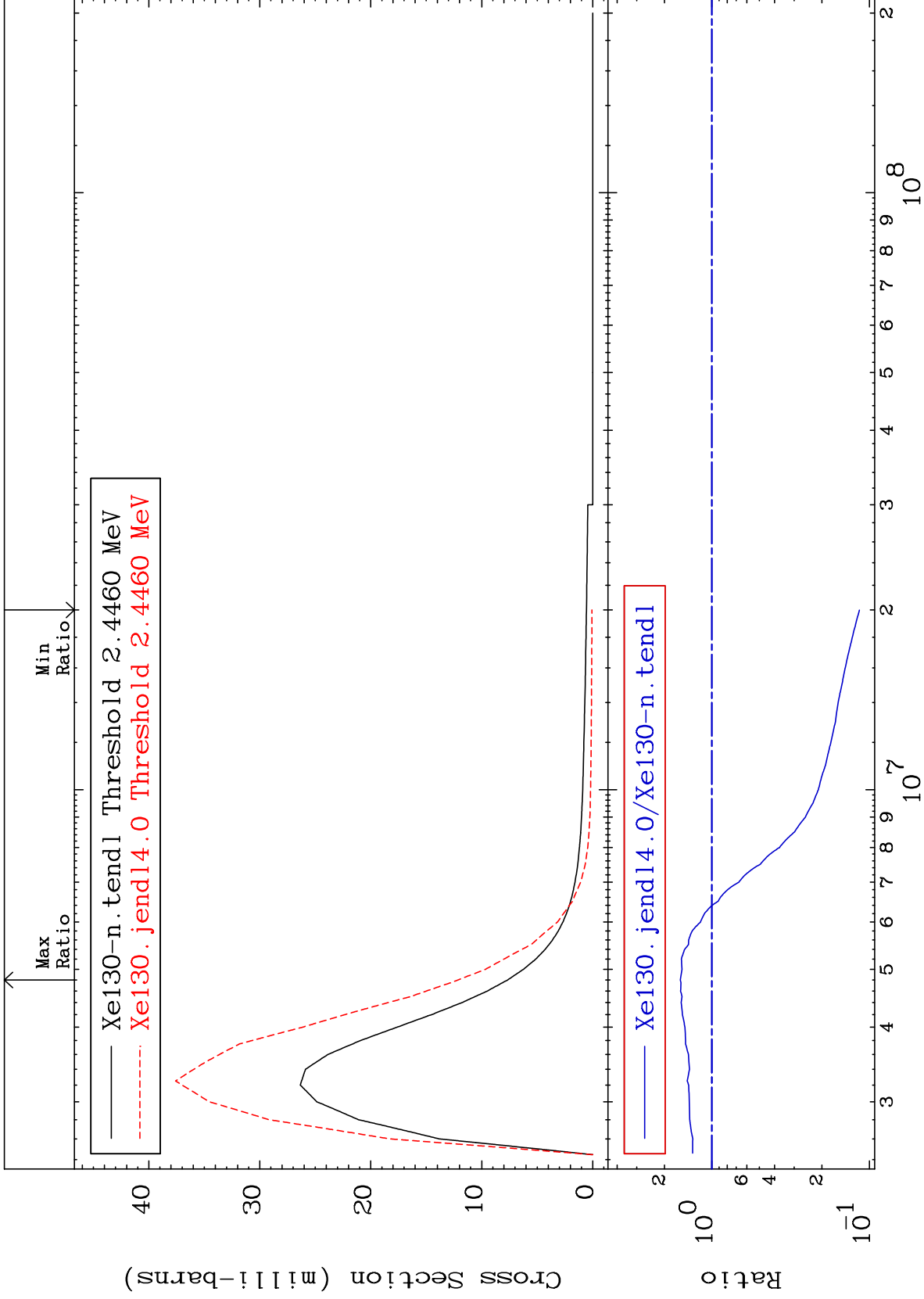
54-Xe-130
-88.42 To 70.57 %



MAT 5443

2.427 MeV (n,n') Level
Cross Section

54-Xe-130
-88.44 To 58.53 %

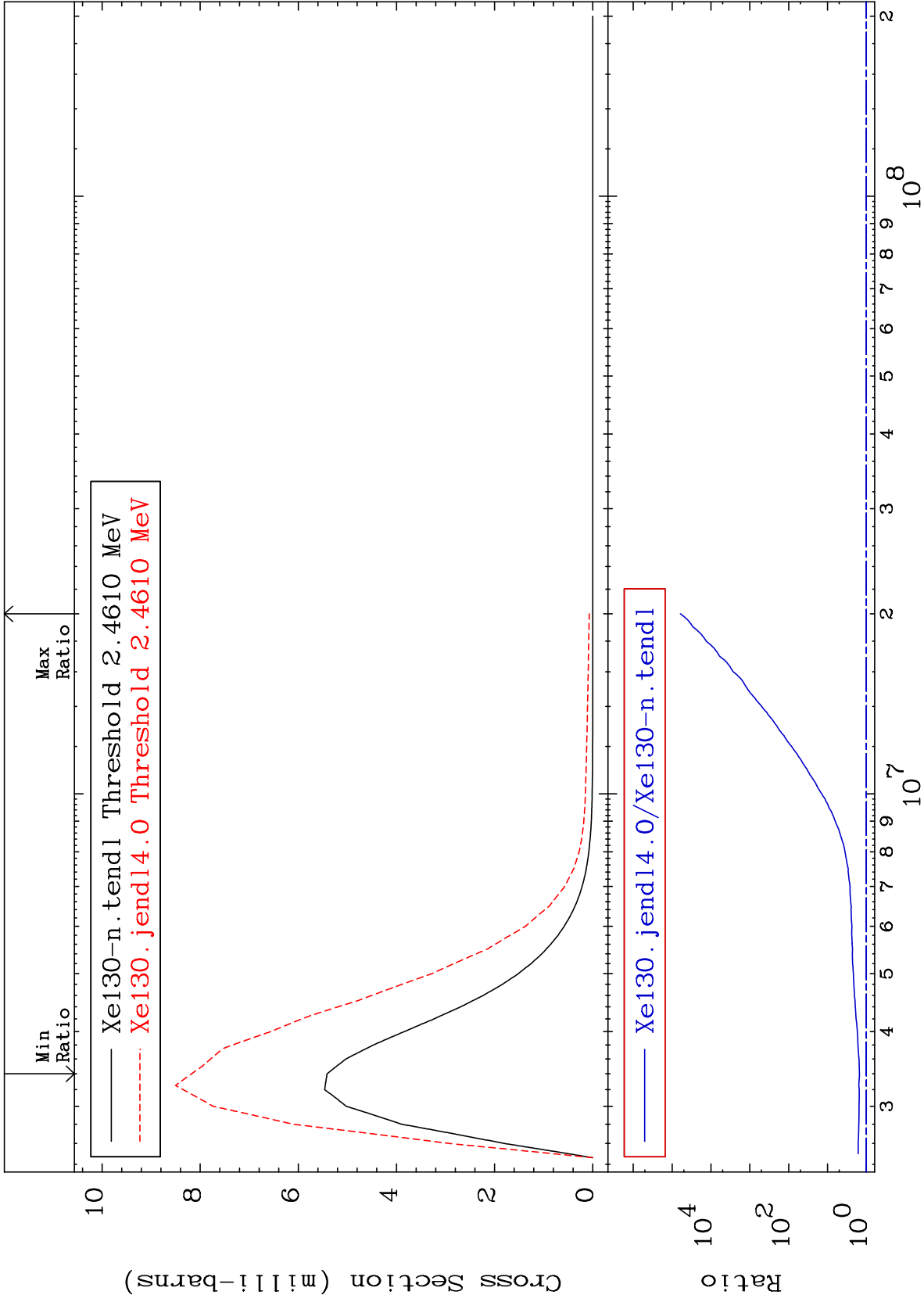


MAT 5443

2.442 MeV (n,n') Level

54-Xe-130

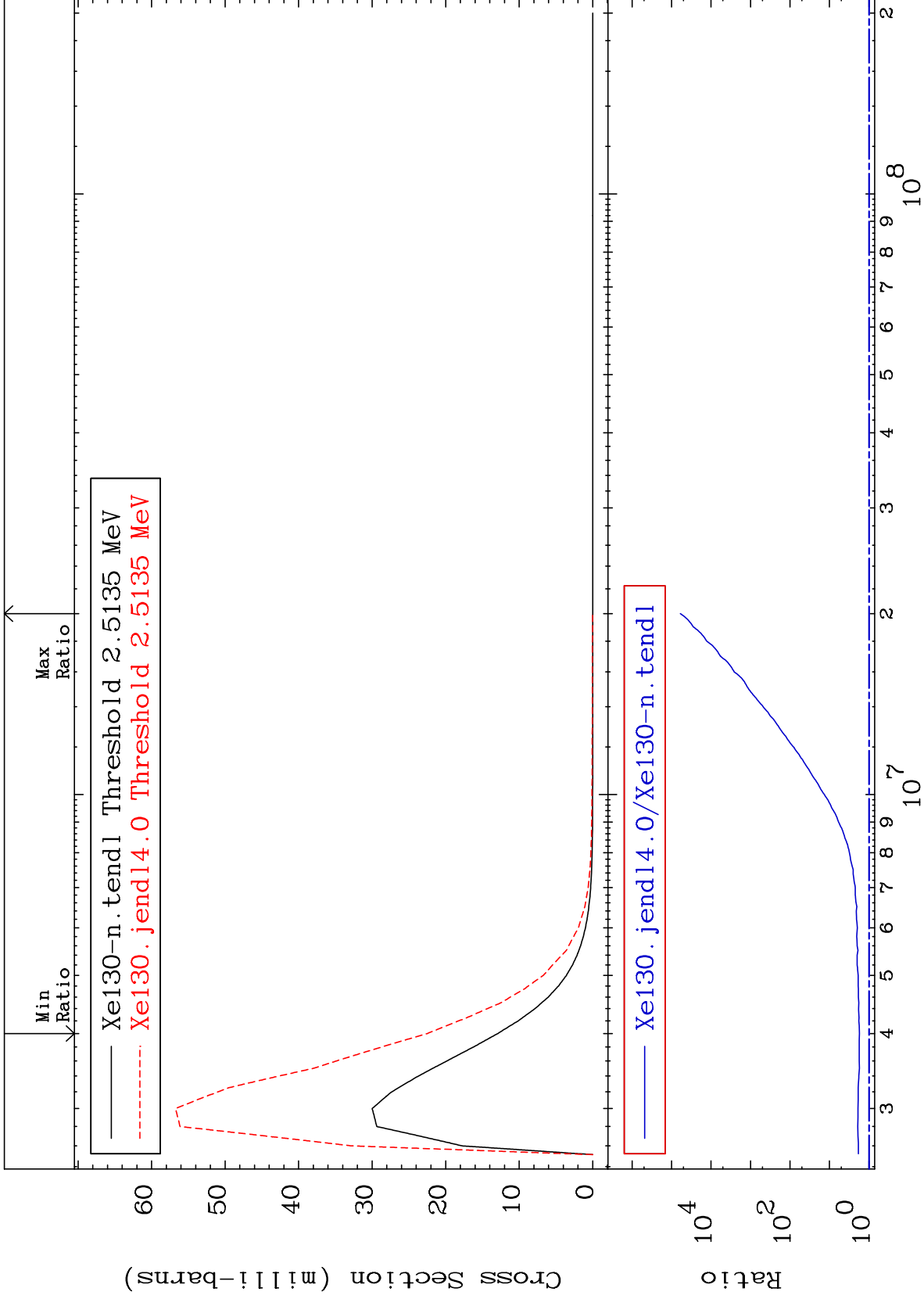
Cross Section
51.03 To 9999. %



MAT 5443

2.494 MeV (n,n') Level
Cross Section

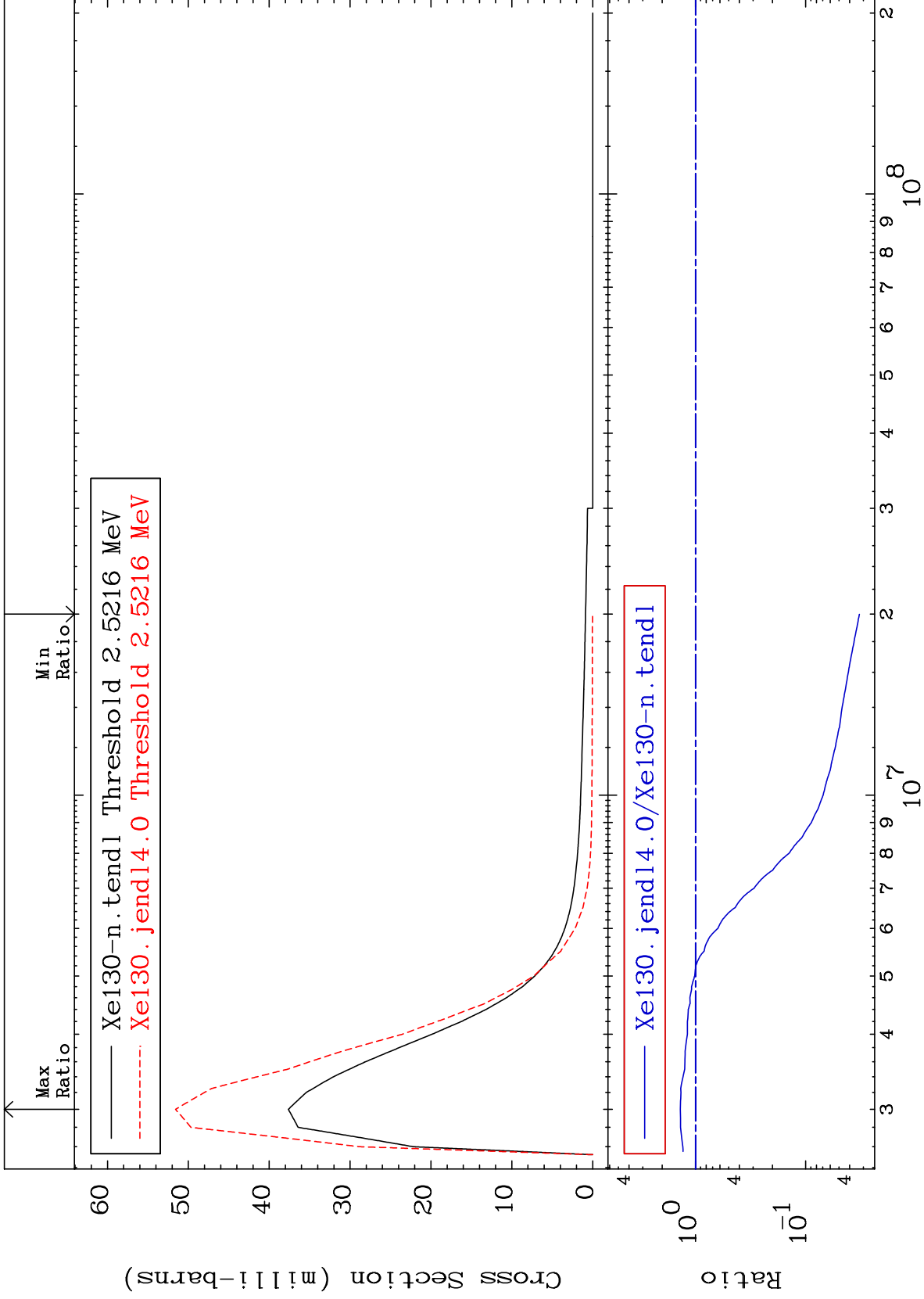
54-Xe-130
74.23 To 9999. %



MAT 5443

2.502 MeV (n,n') Level
Cross Section

54-Xe-130
-96.74 To 37.08 %



35

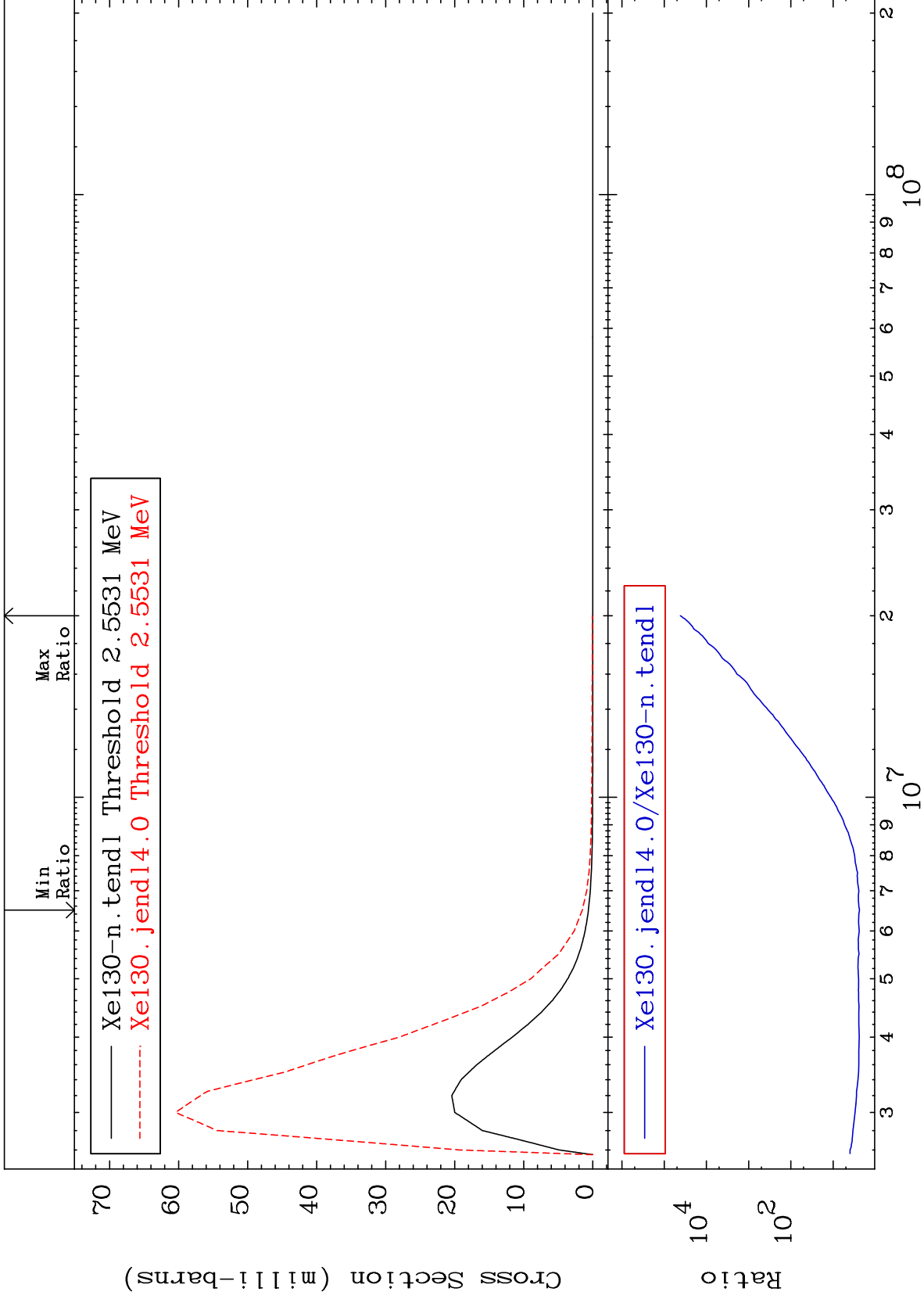
Incident Energy (eV)

54-Xe-130

MAT 5443

2.533 MeV (n,n') Level
Cross Section

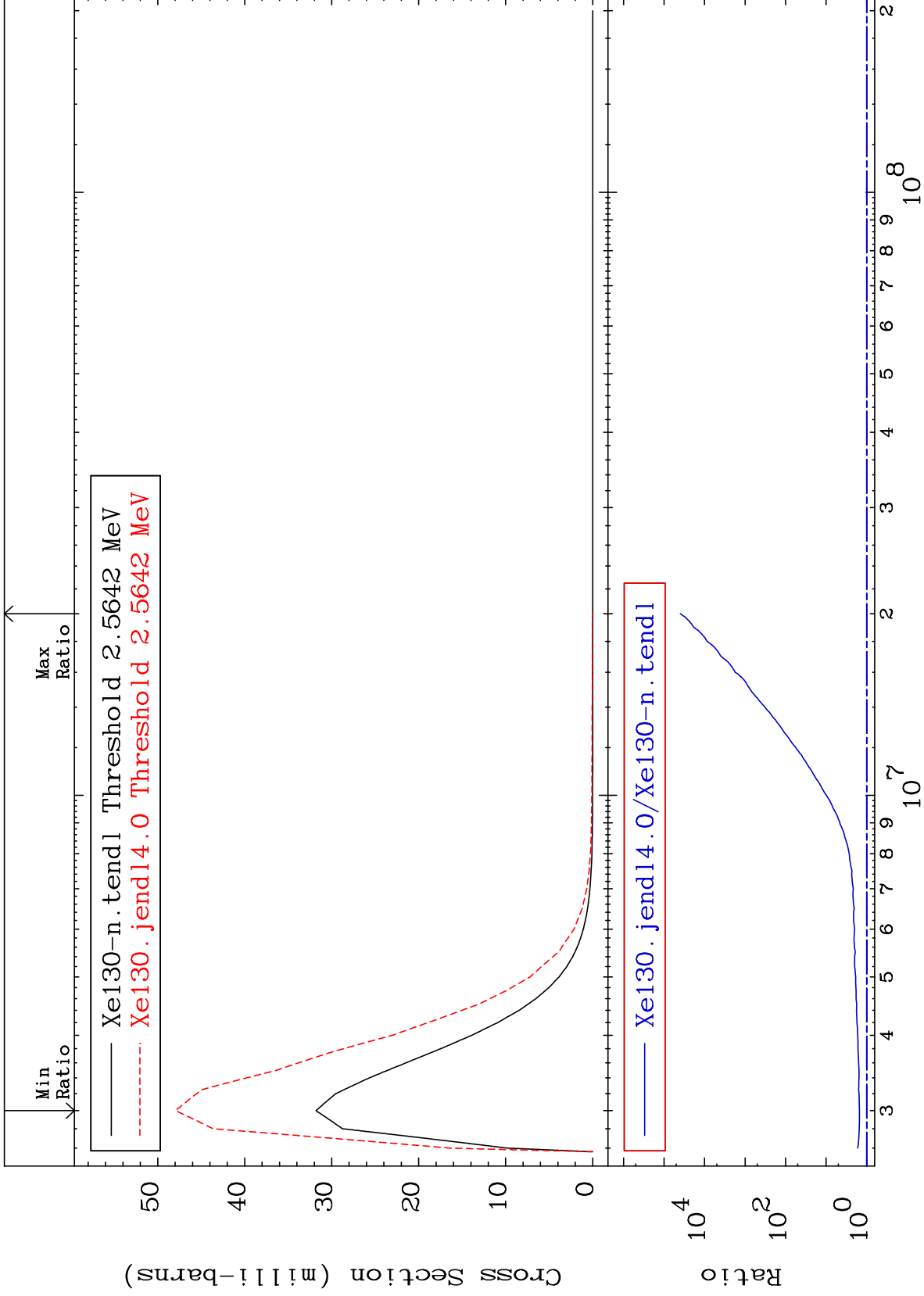
54-Xe-130
138.4 To 9999. %



MAT 5443

2.544 MeV (n,n') Level
Cross Section

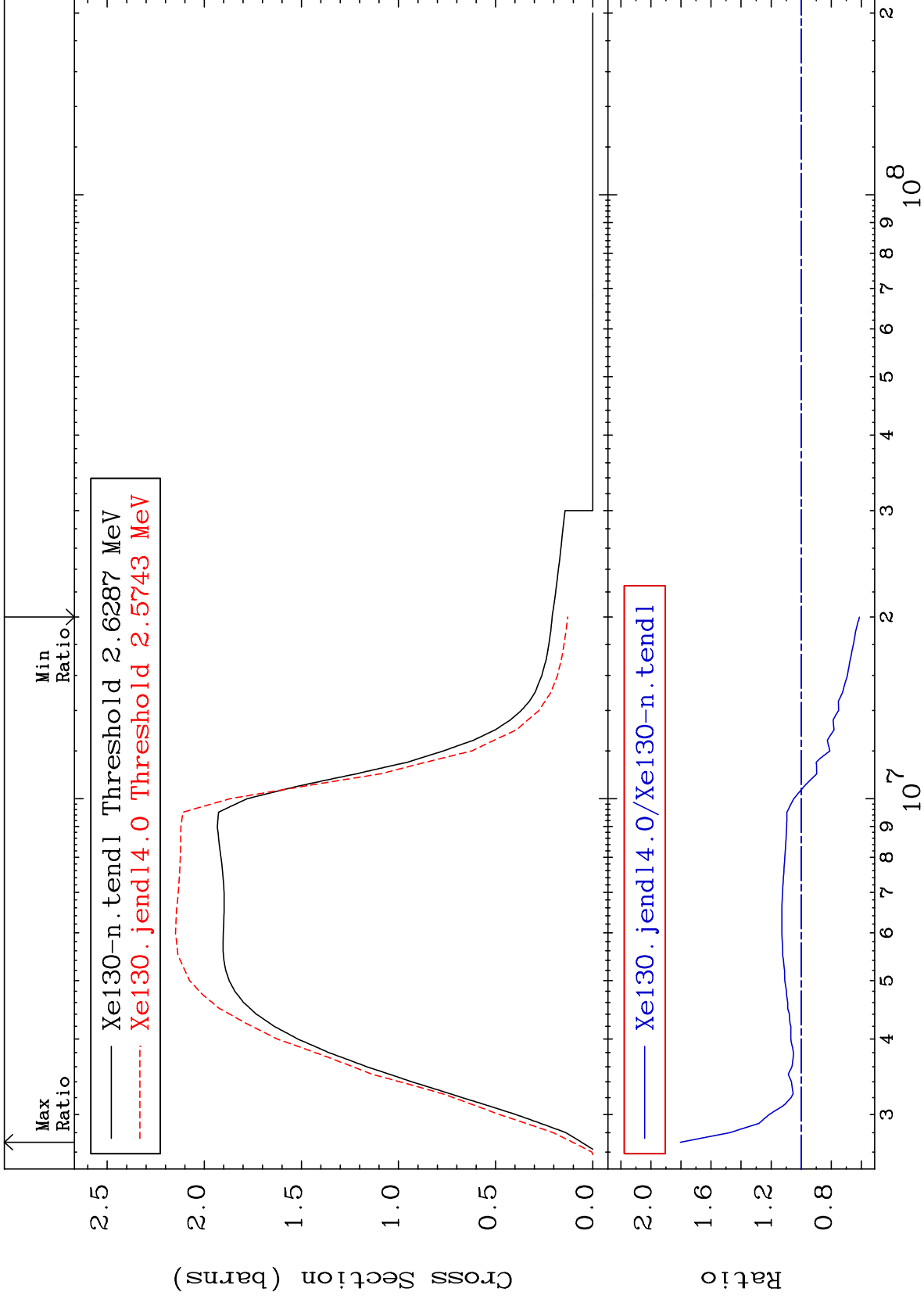
54-Xe-130
50.77 To 9999. %



MAT 5443

(n, n') Continuum
Cross Section

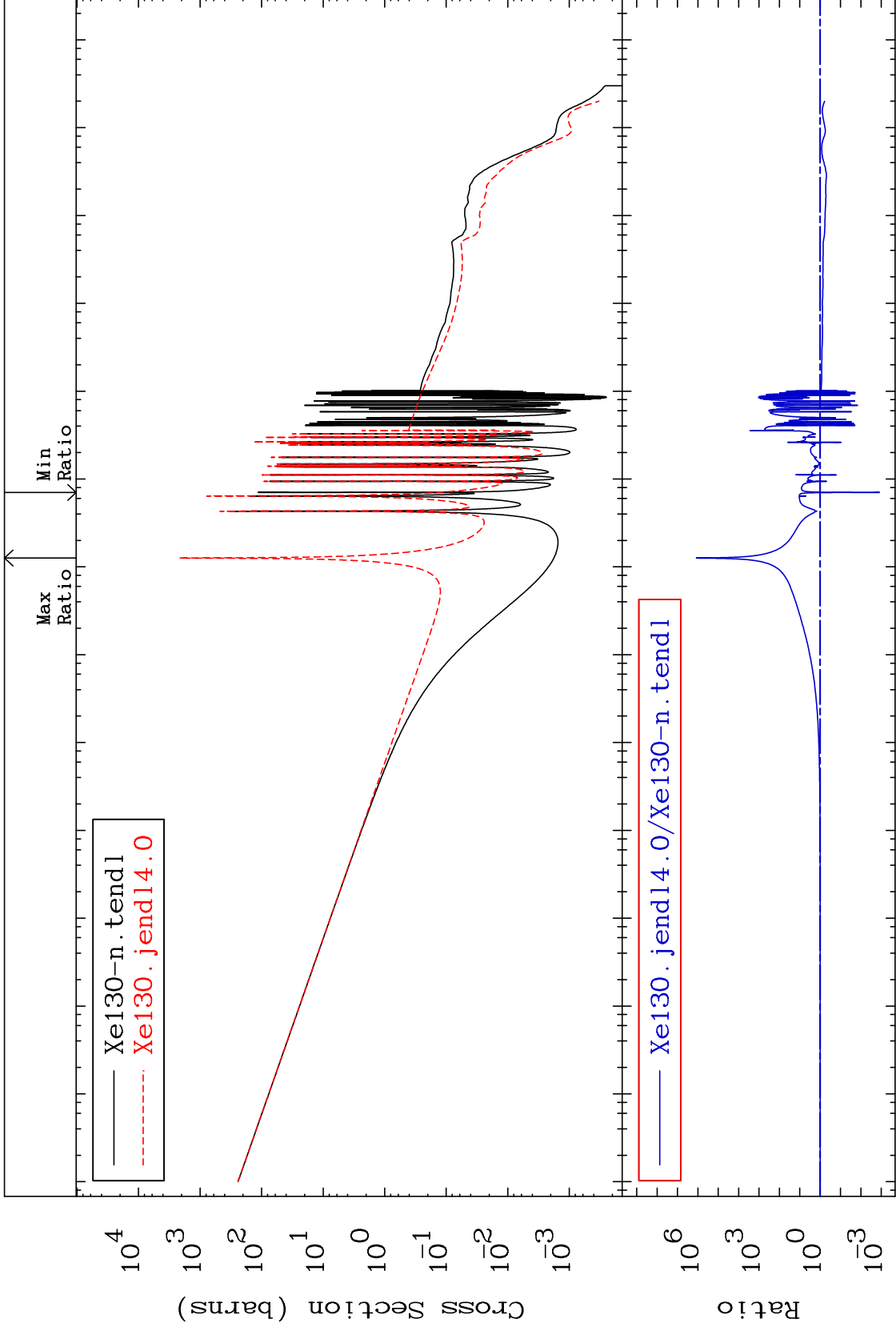
54-Xe-130
-38.70 To 80.38 %



MAT 5443

(n, γ)
Cross Section

54-Xe-130
-99.88 To 9999. %



39

Incident Energy (eV)

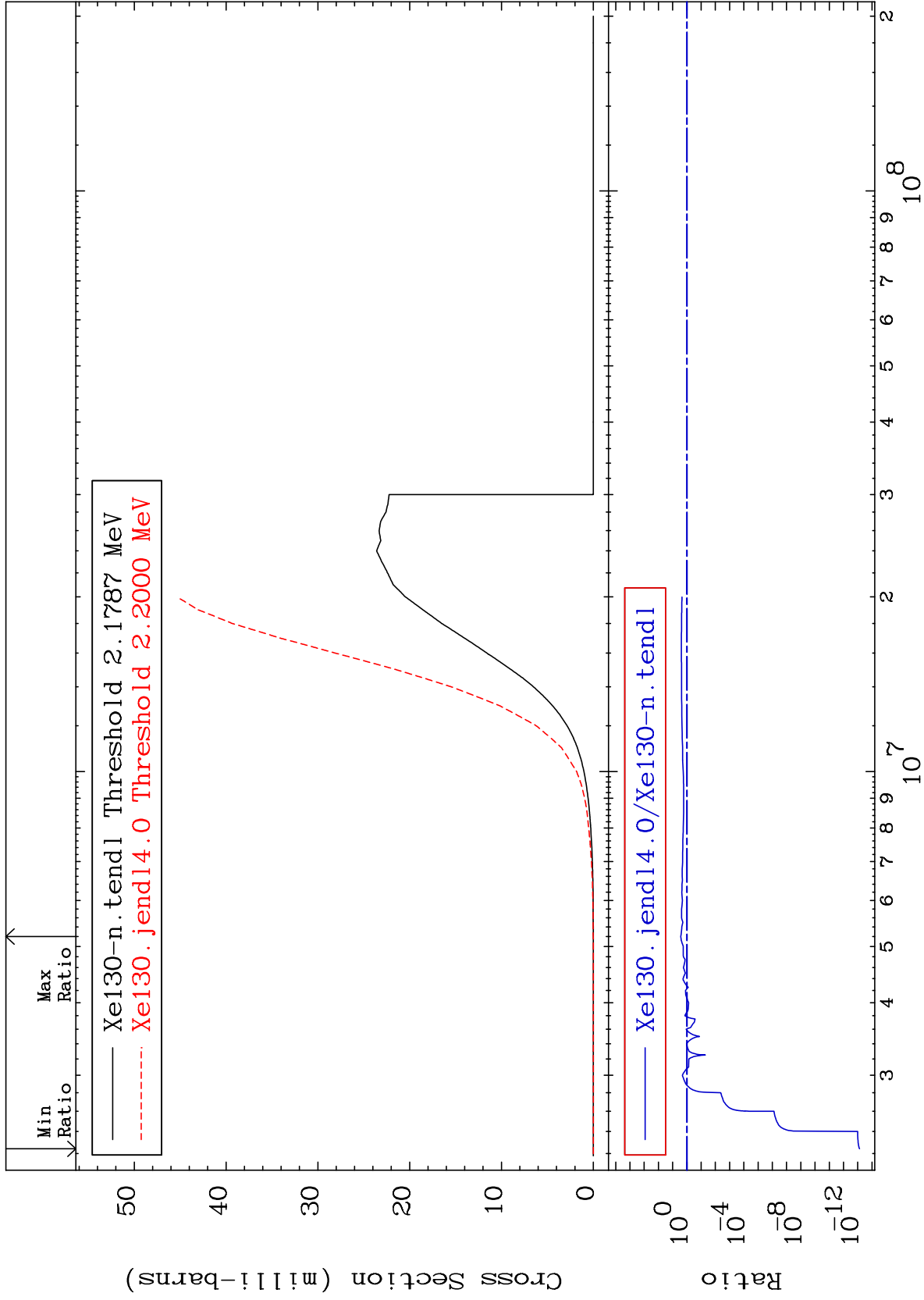
54-Xe-130

MAT 5443

54-Xe-130

(n,p)
Cross Section

-100.0 To 169.5 %



40

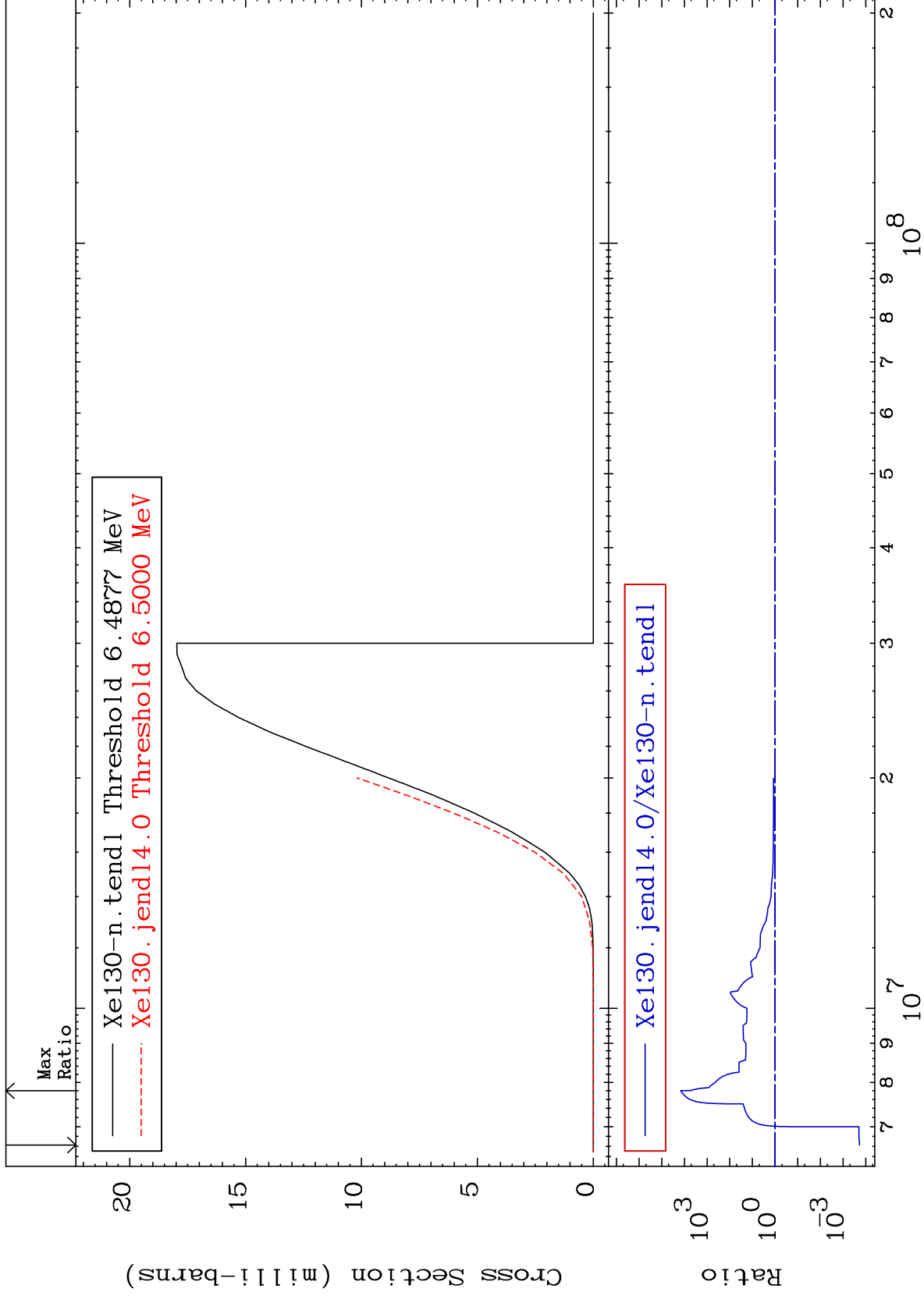
Incident Energy (eV)

54-Xe-130

MAT 5443

(n, d)
Cross Section

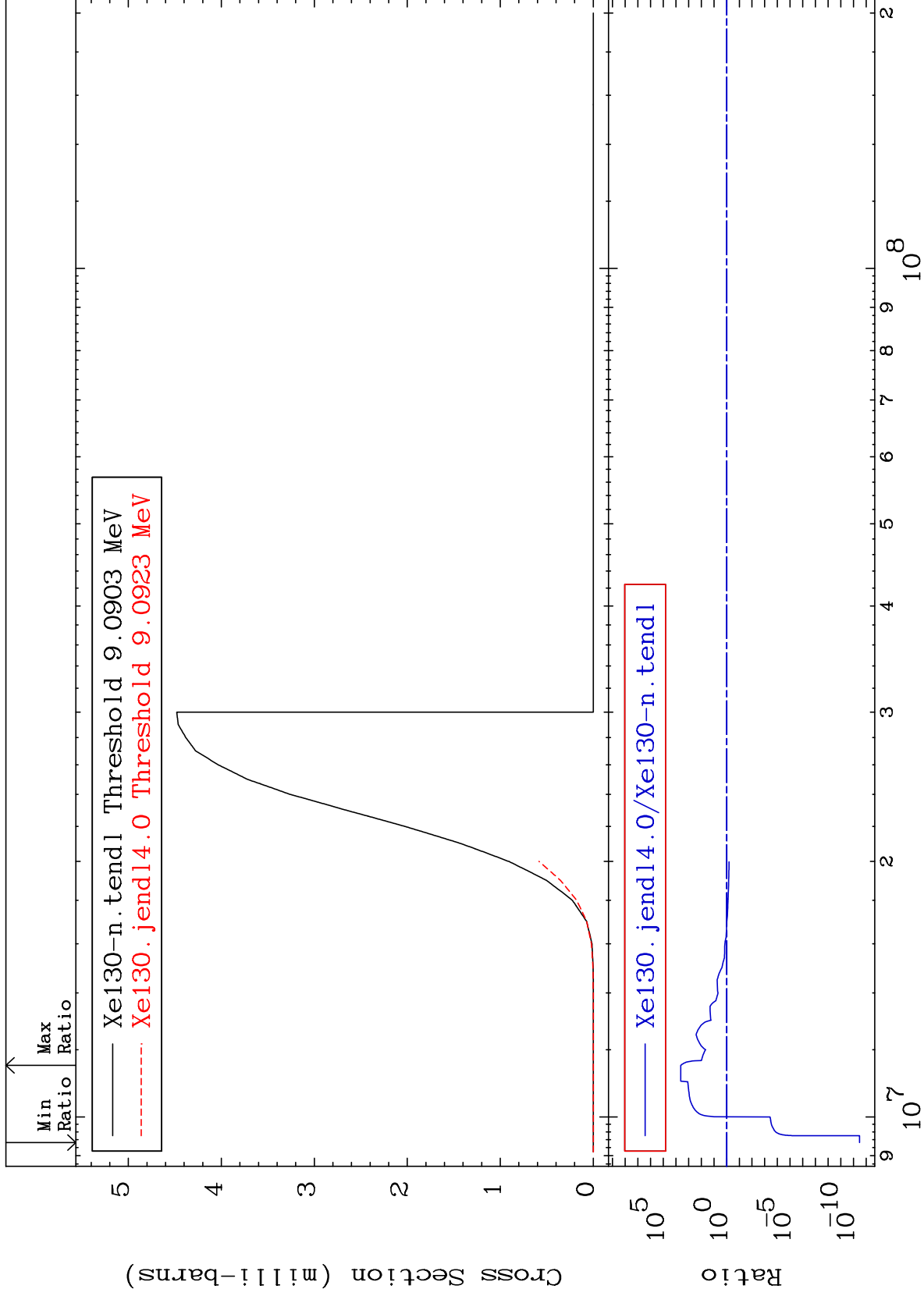
54-Xe-130
-99.98 To 9999. %



MAT 5443

(n, t)
Cross Section

54-Xe-130
-100.0 To 9999. %



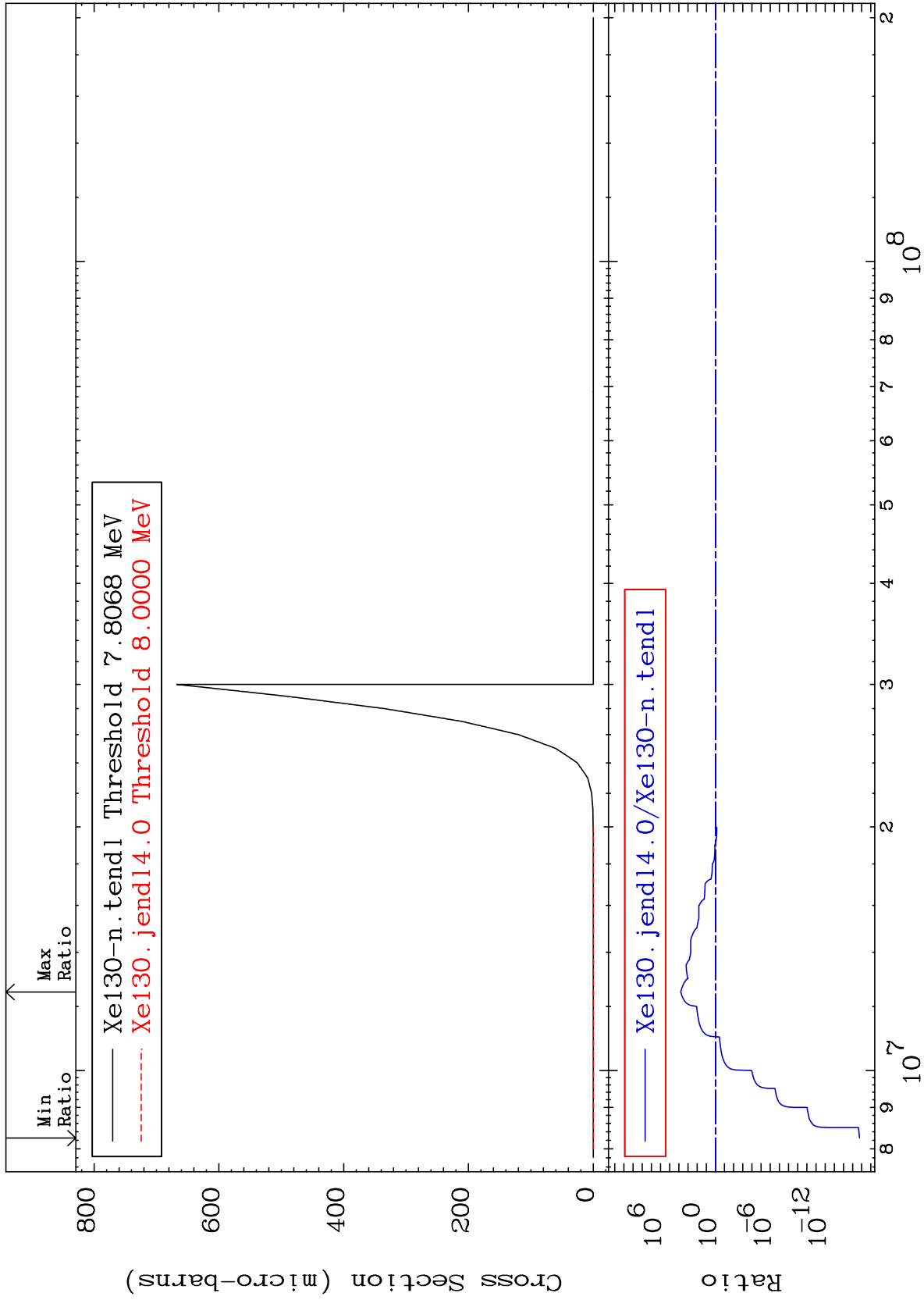
MAT 5443

(n, He-3)

54-Xe-130

Cross Section

-100.0 To 9999. %



43

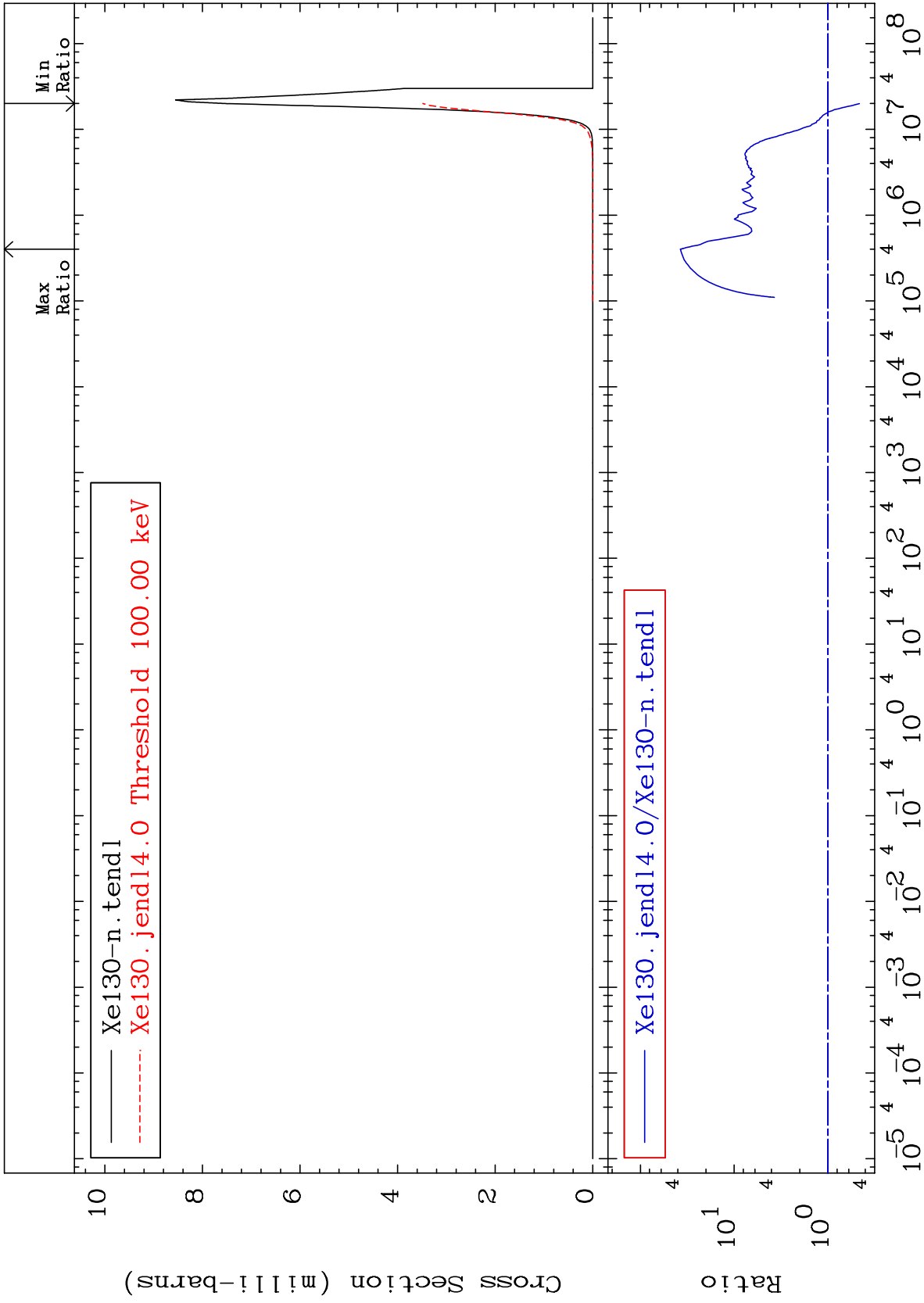
Incident Energy (eV)

54-Xe-130

MAT 5443

(n, α)
Cross Section

54-Xe-130
-53.78 To 3651. %



44

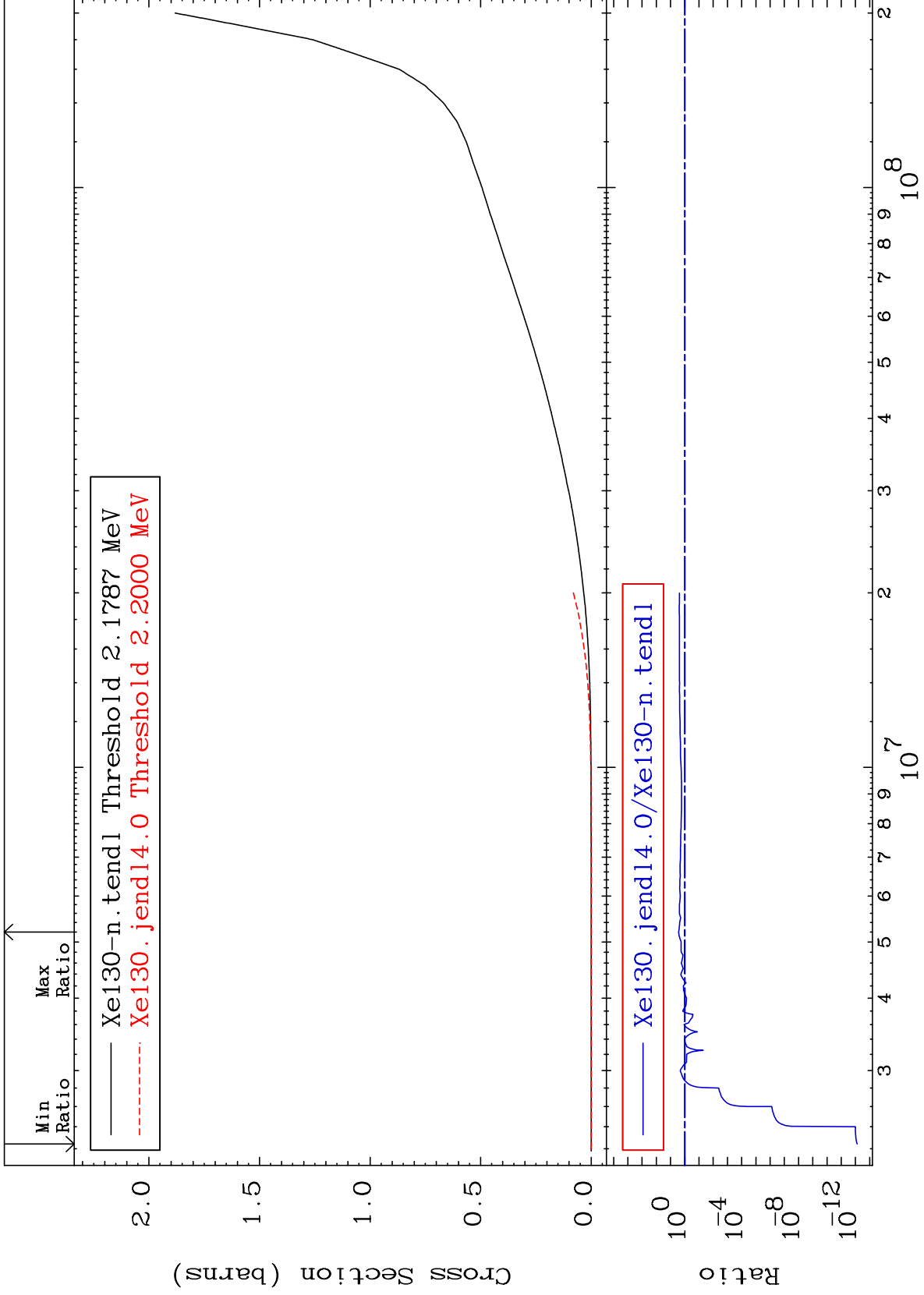
Incident Energy (eV)

54-Xe-130

MAT 5443

Hydrogen Production
Cross Section

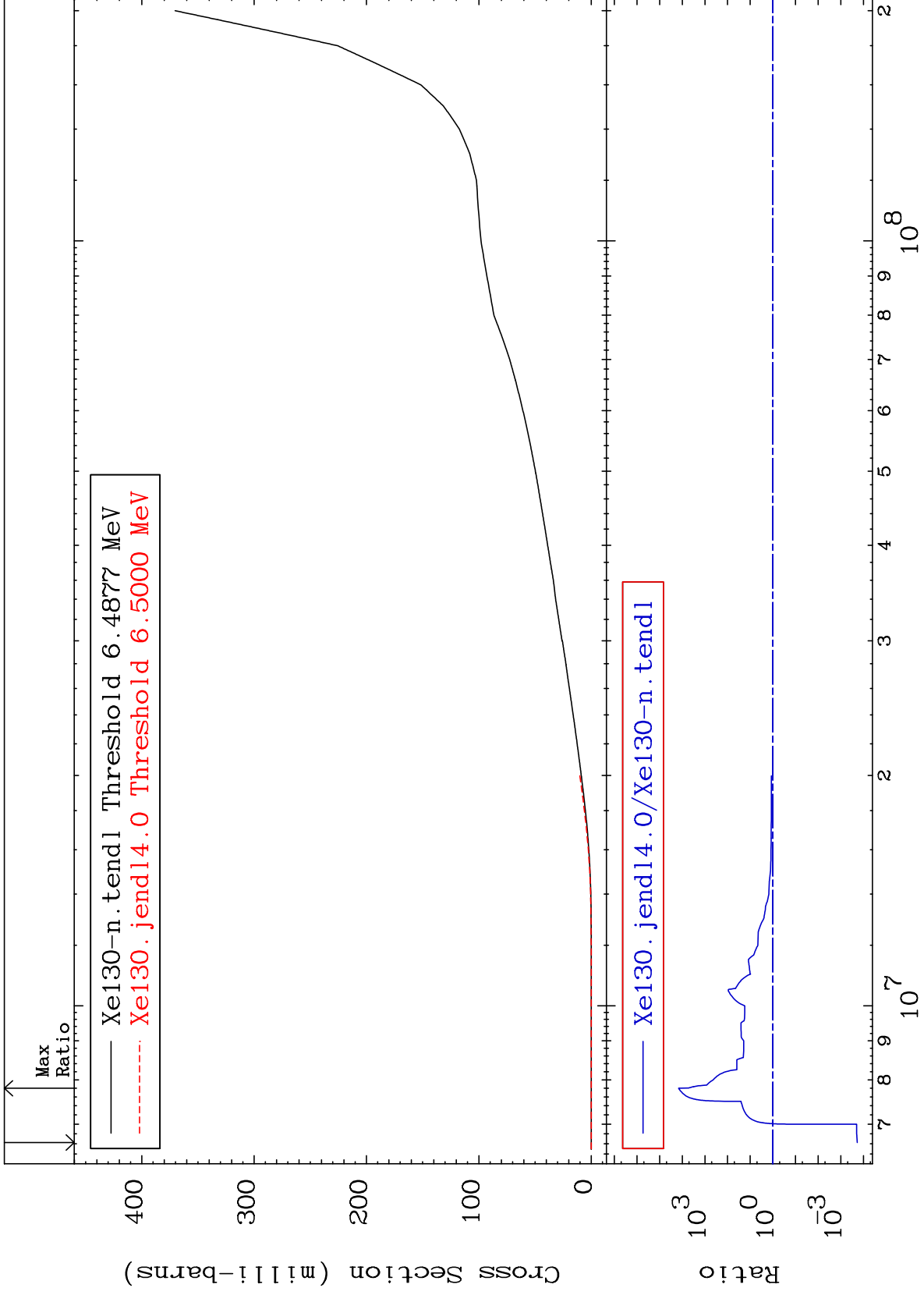
54-Xe-130
-100.0 To 169.5 %



MAT 5443

Deuterium Production
Cross Section

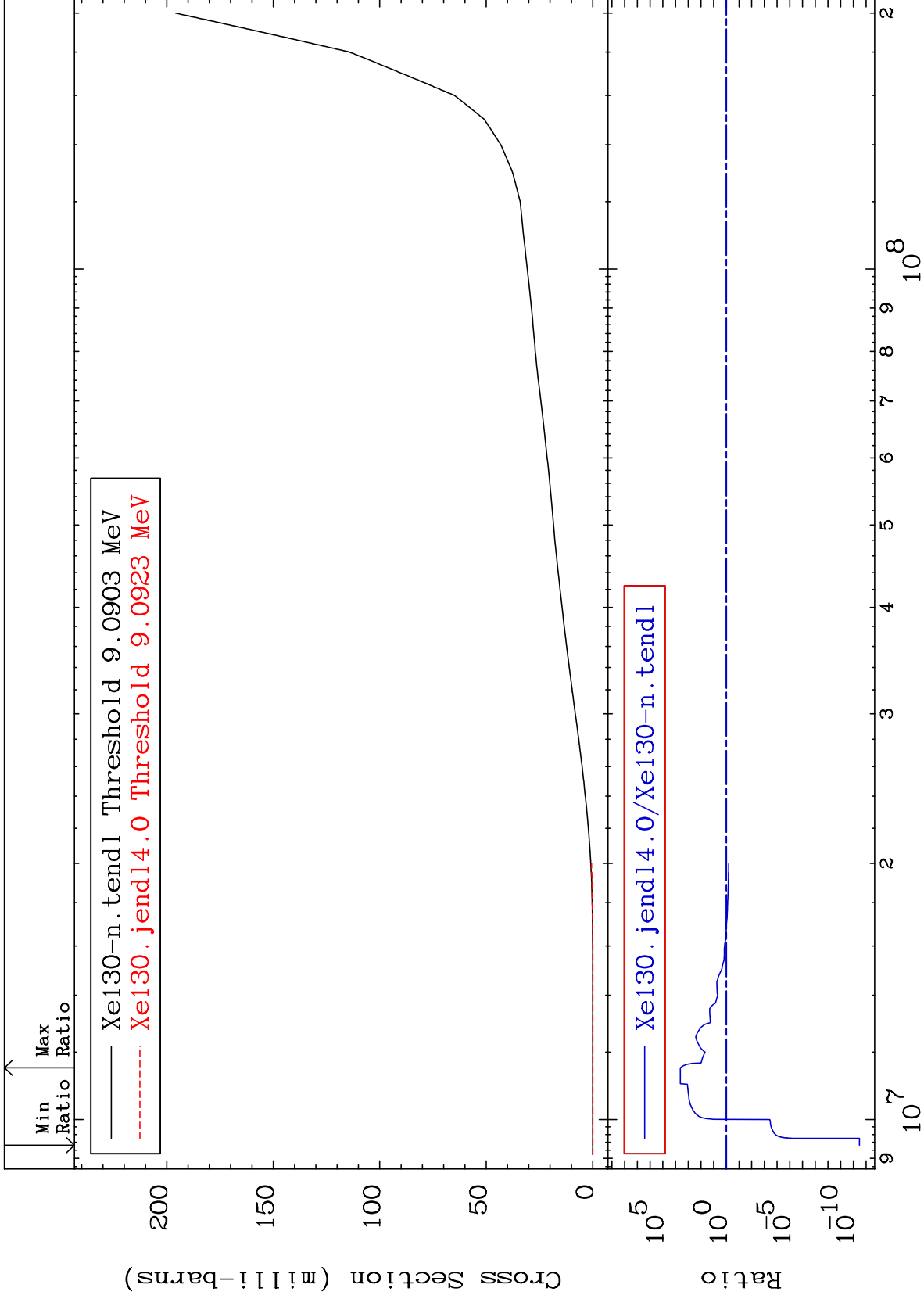
54-Xe-130
-99.98 To 9999. %



MAT 5443

Tritium Production
Cross Section

54-Xe-130
-100.0 To 9999. %



47

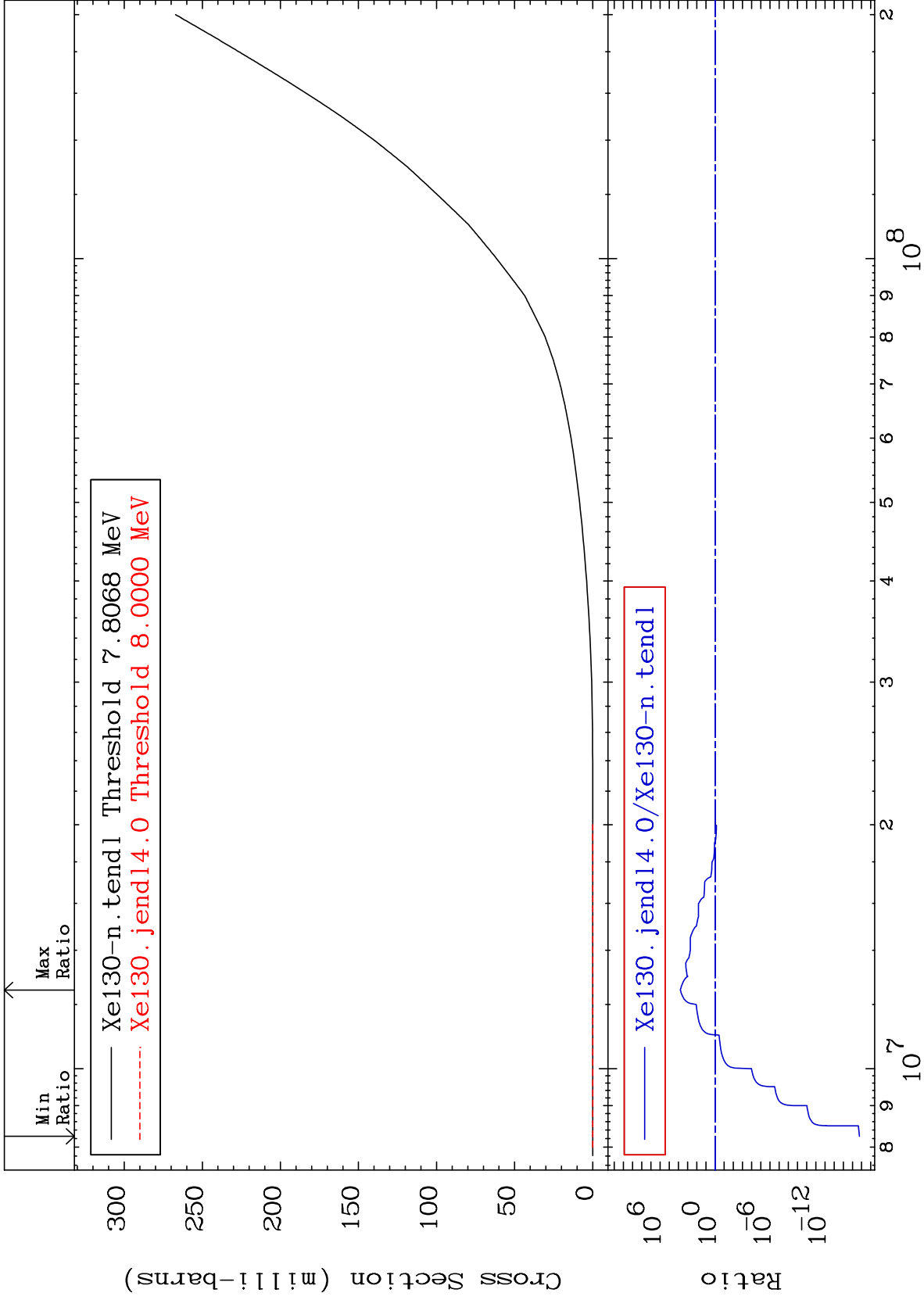
Incident Energy (eV)

54-Xe-130

MAT 5443

He-3 Production
Cross Section

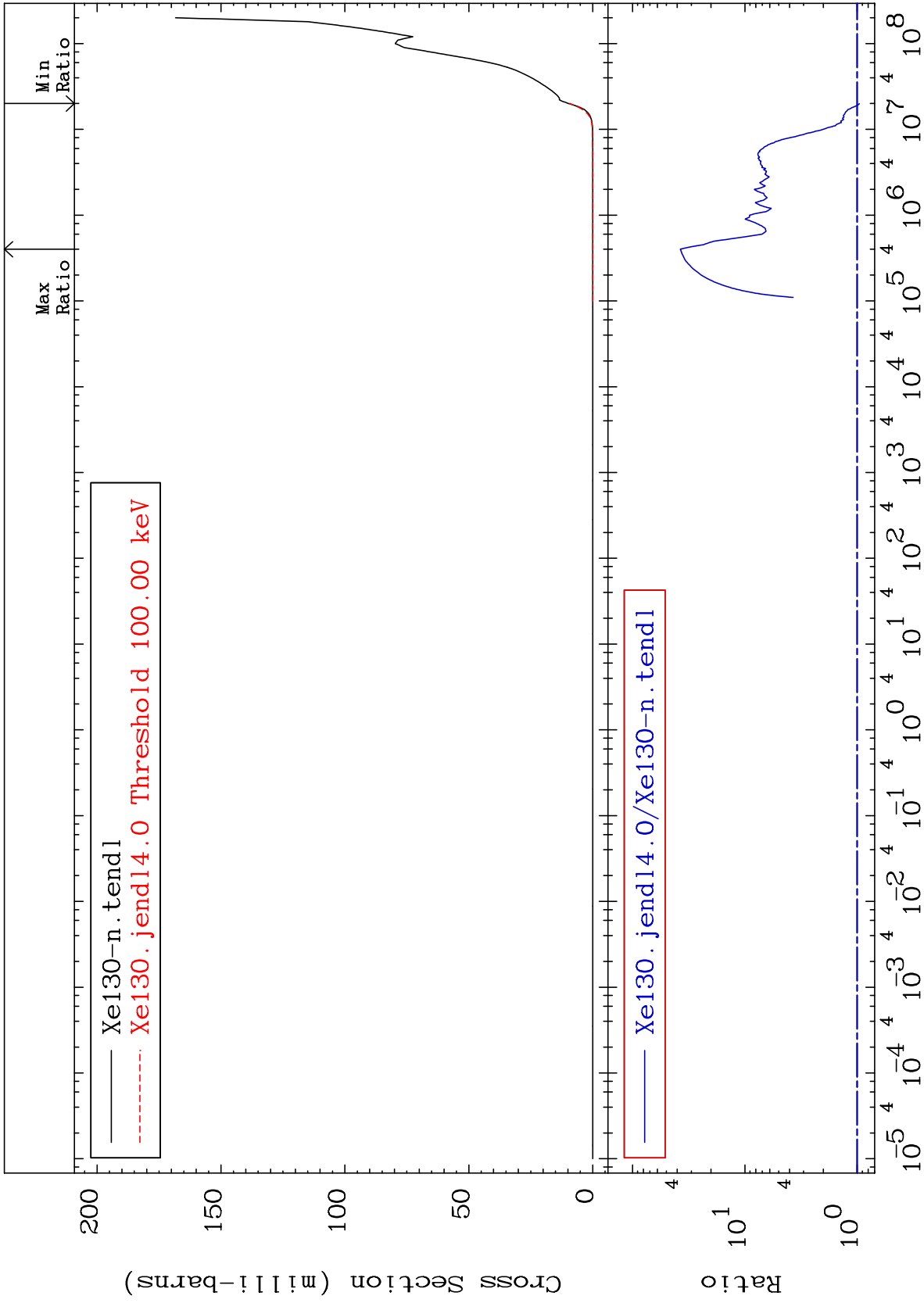
54-Xe-130
-100.0 To 9999. %



MAT 5443

He-4 Production
Cross Section

54-Xe-130
-4.424 To 3651. %



49

Incident Energy (eV)

54-Xe-130

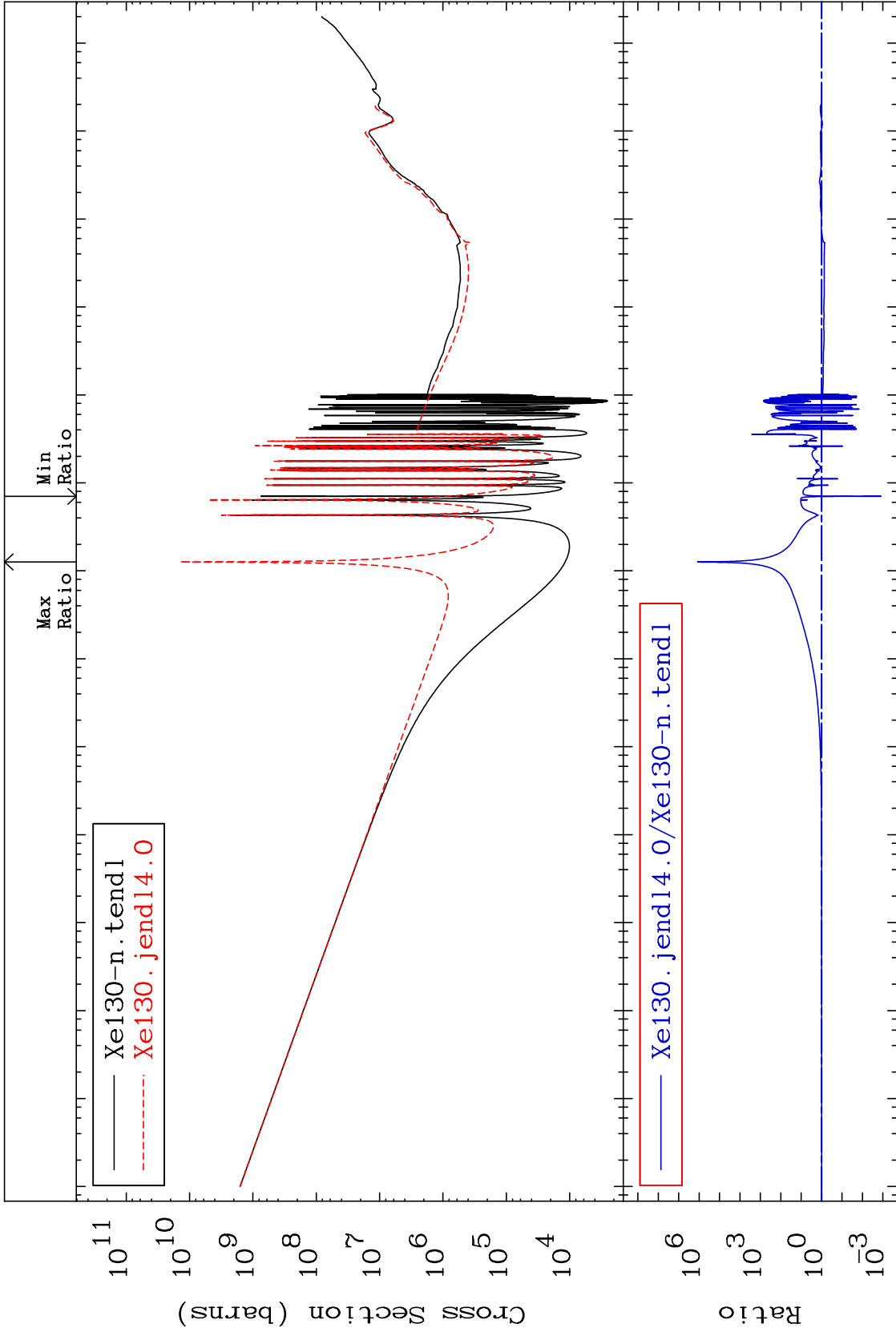
MAT 5443

Kerma total (eV-barns)

54-Xe-130

-99.88 To 9999. %

Cross Section



50

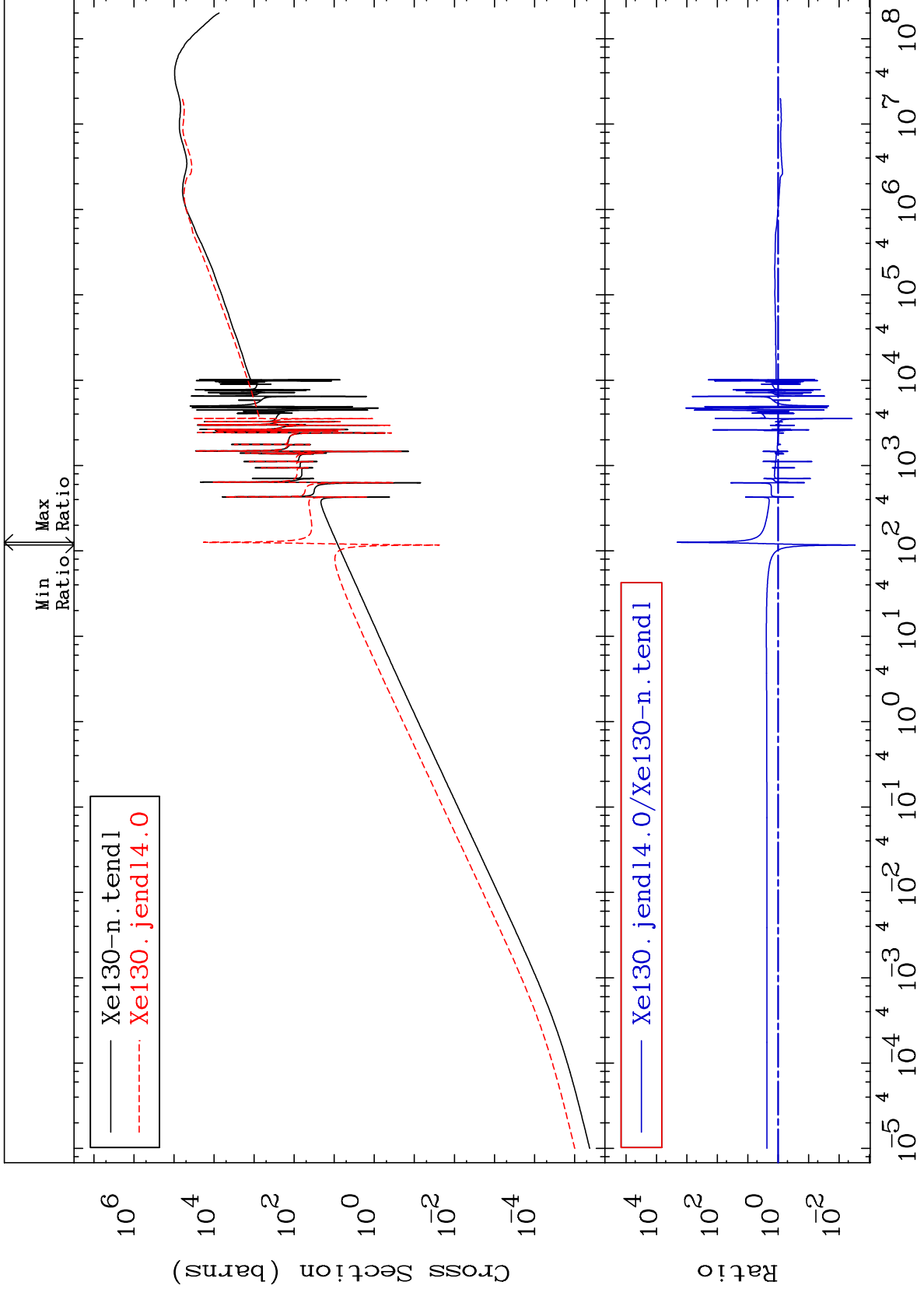
Incident Energy (eV)

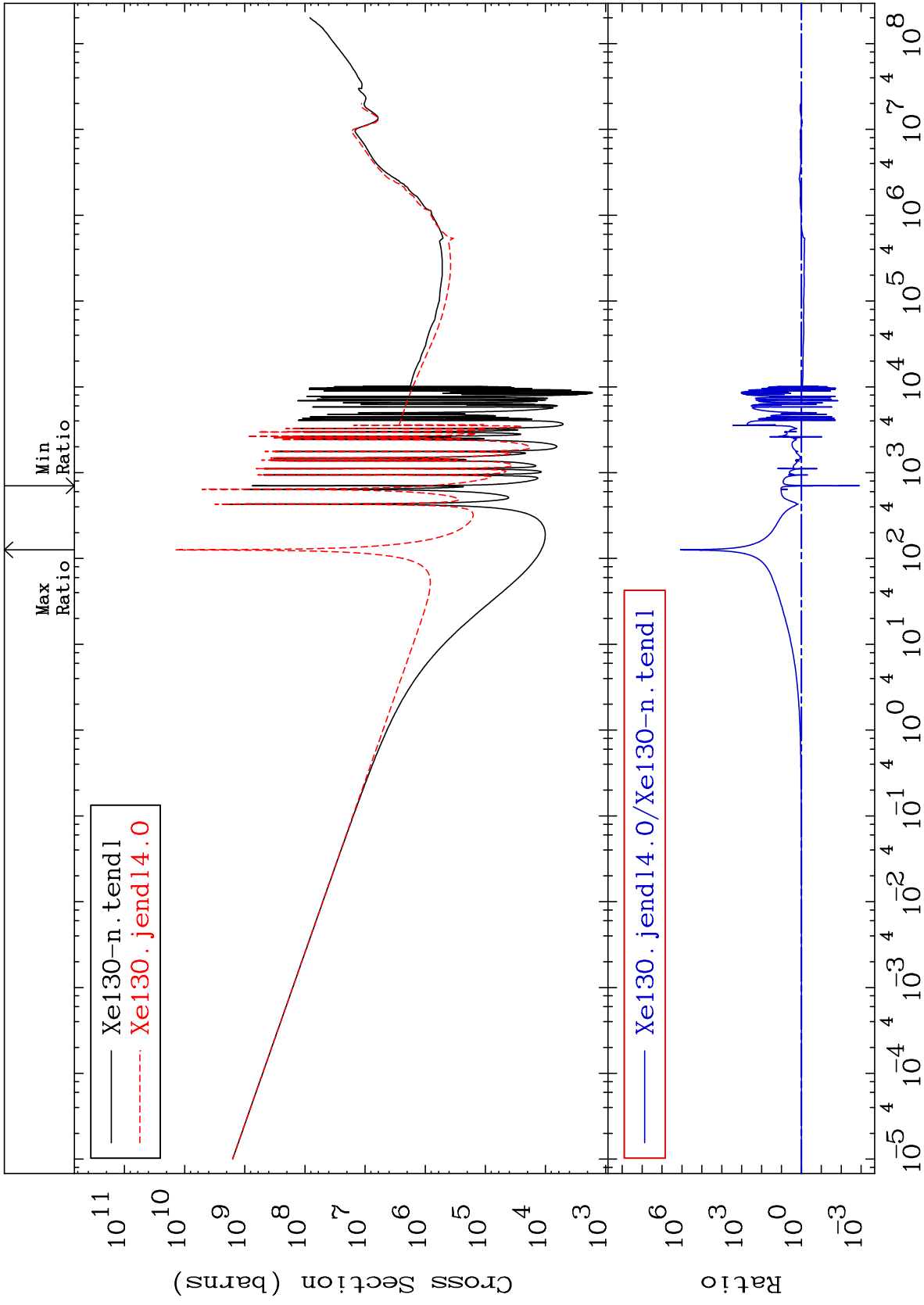
54-Xe-130

MAT 5443

Kerma elastic
Cross Section

54-Xe-130
-99.70 To 9999. %

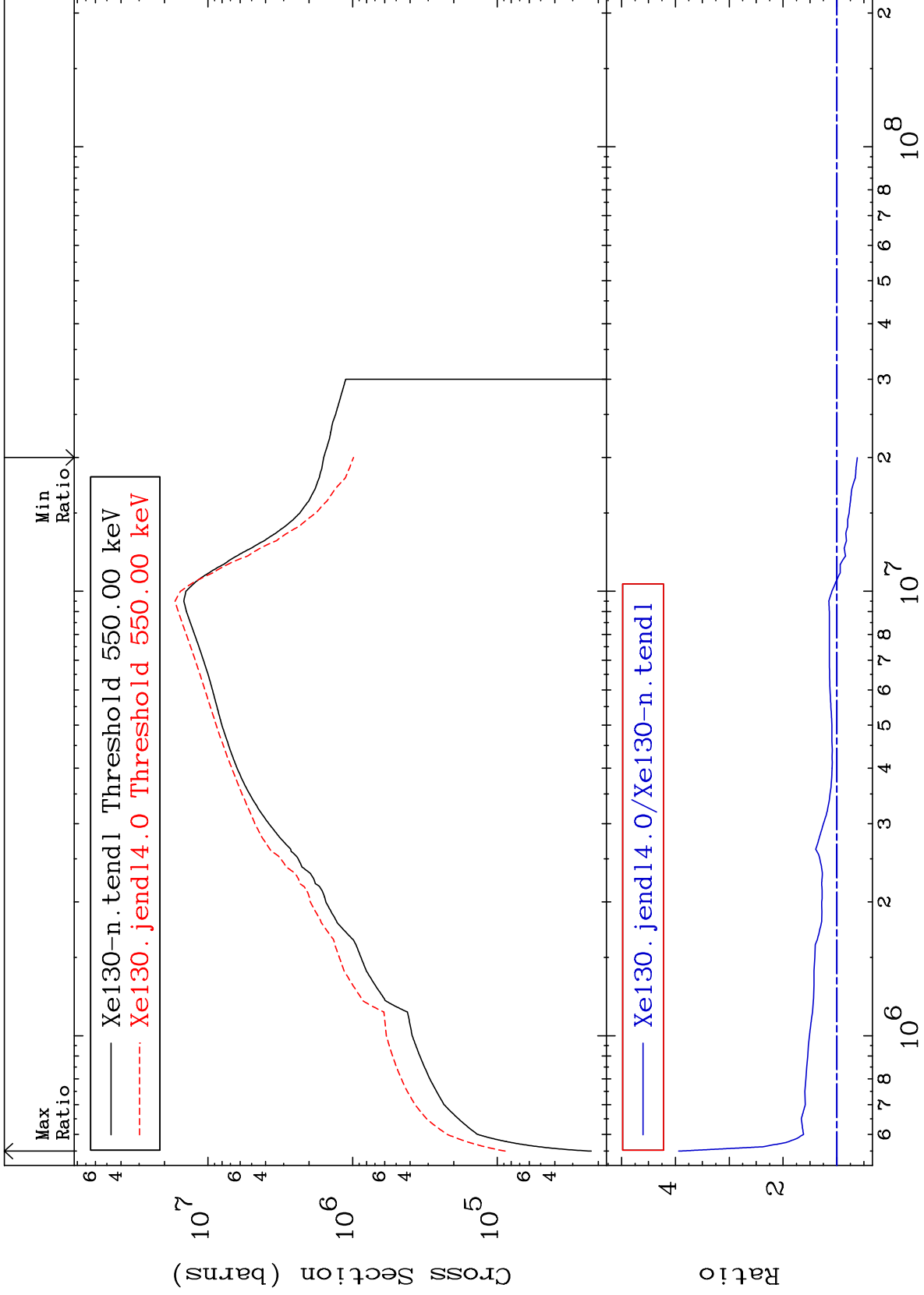




MAT 5443

Kerma inelastic (mt51-91)
Cross Section

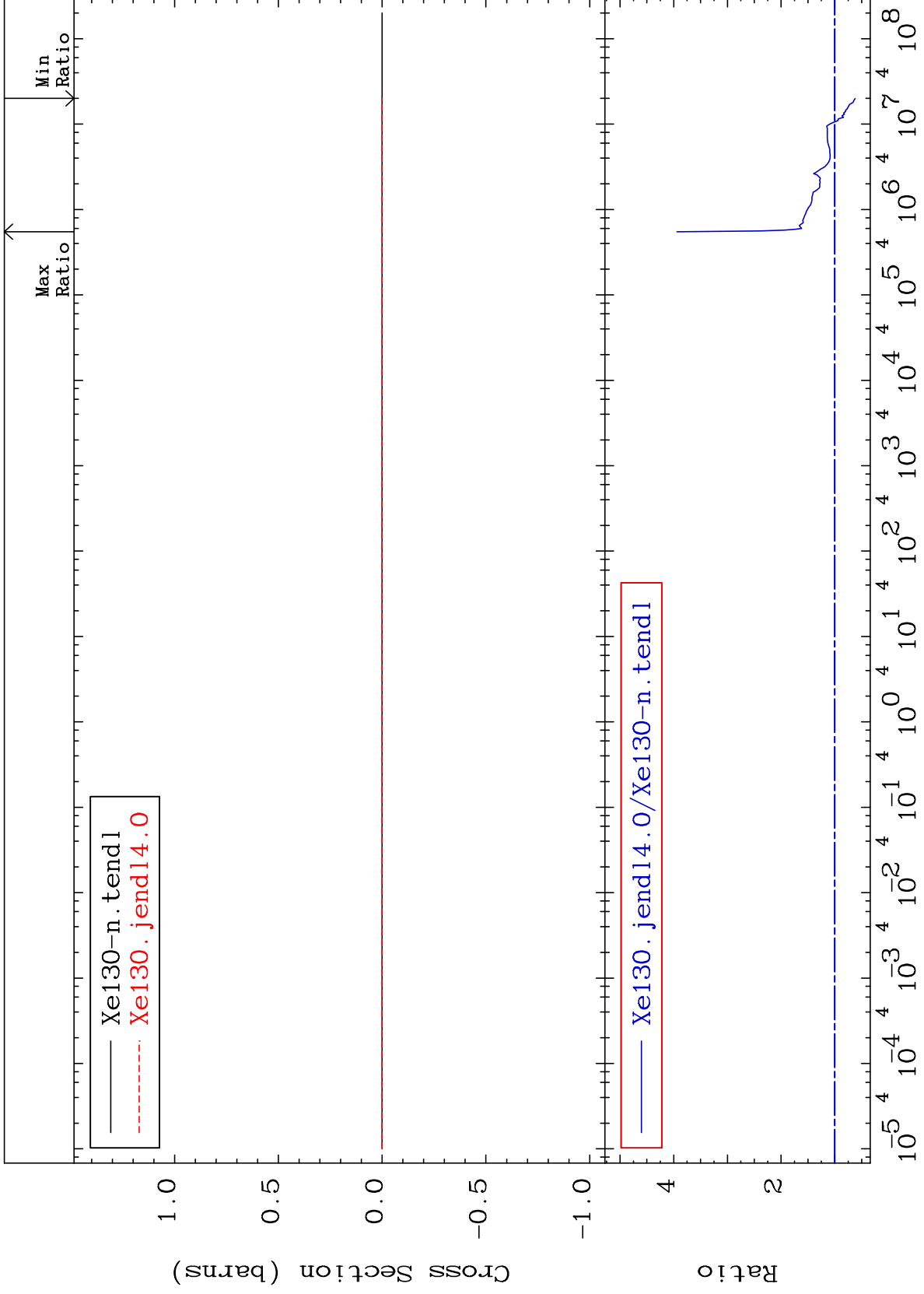
54-Xe-130
-37.80 To 294.0 %



MAT 5443

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

54-Xe-130
-37.80 To 294.0 %



54

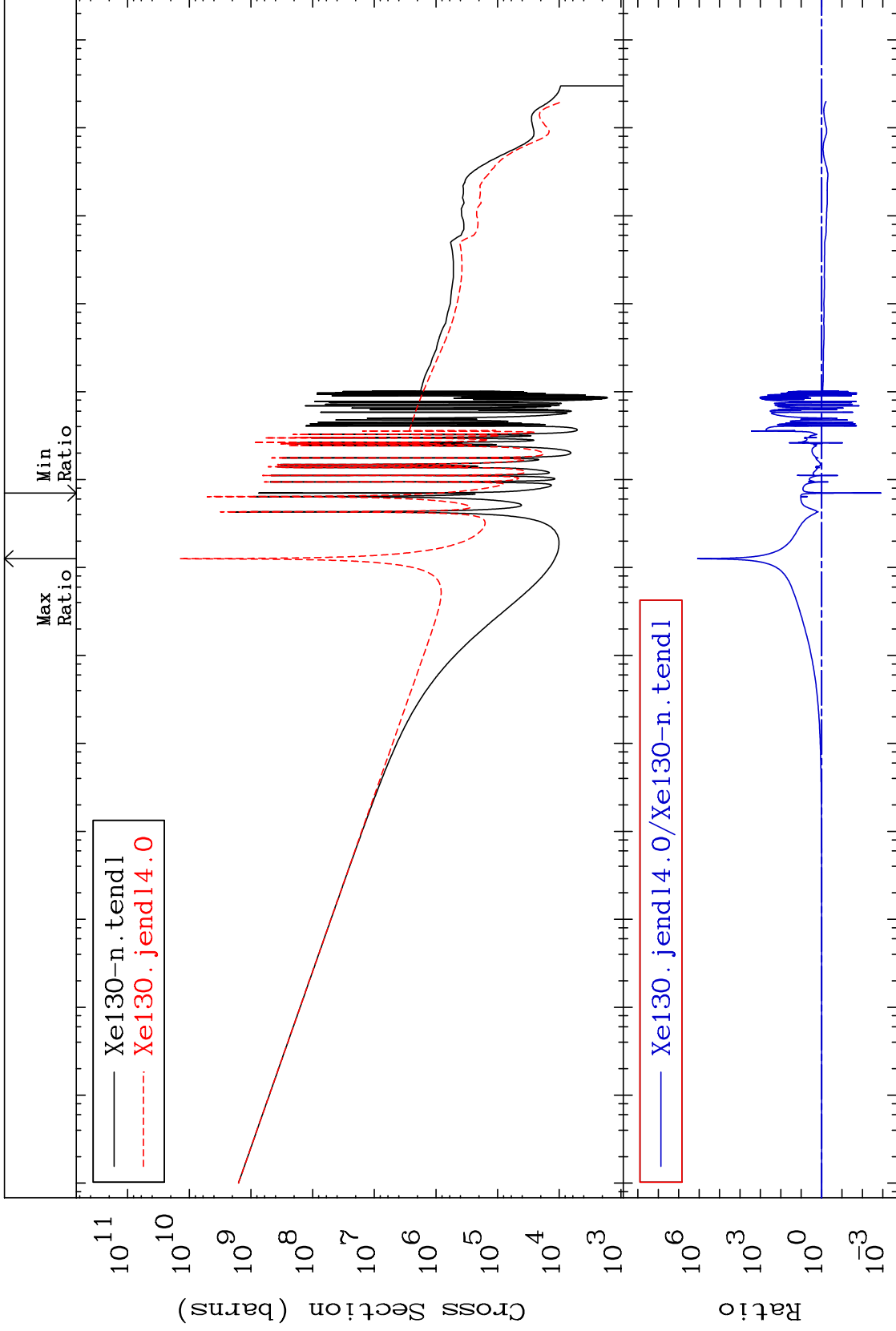
Incident Energy (eV)

54-Xe-130

MAT 5443

Kerma capture (mt102)
Cross Section

54-Xe-130
-99.88 To 9999. %



55

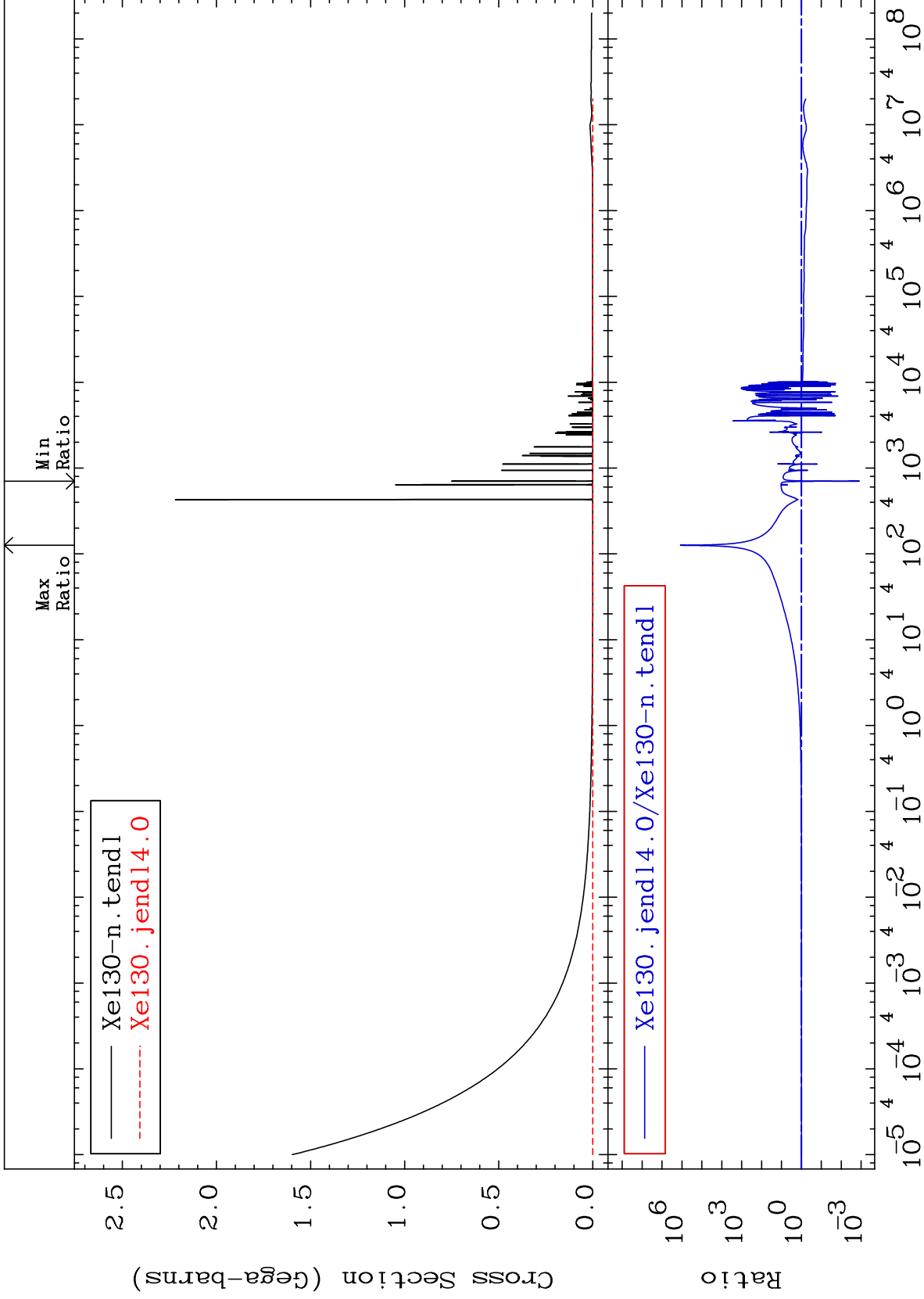
Incident Energy (eV)

54-Xe-130

MAT 5443

Total photon (eV-barns)
Cross Section

54-Xe-130
-99.88 To 9999. %



56

Incident Energy (eV)

54-Xe-130

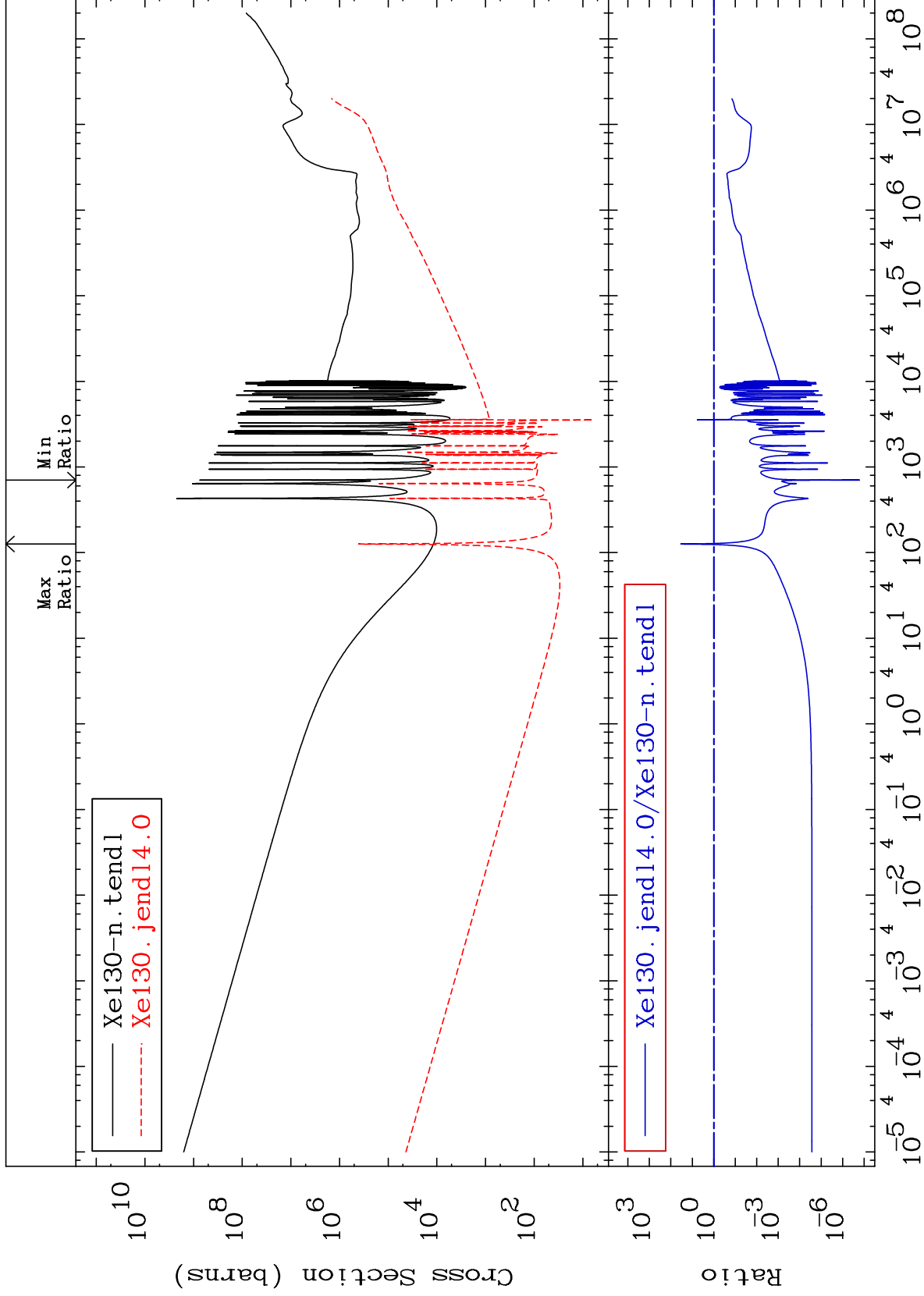
MAT 5443

Total kinematic kerma (high limit)

54-Xe-130

-100.0 To 3336. %

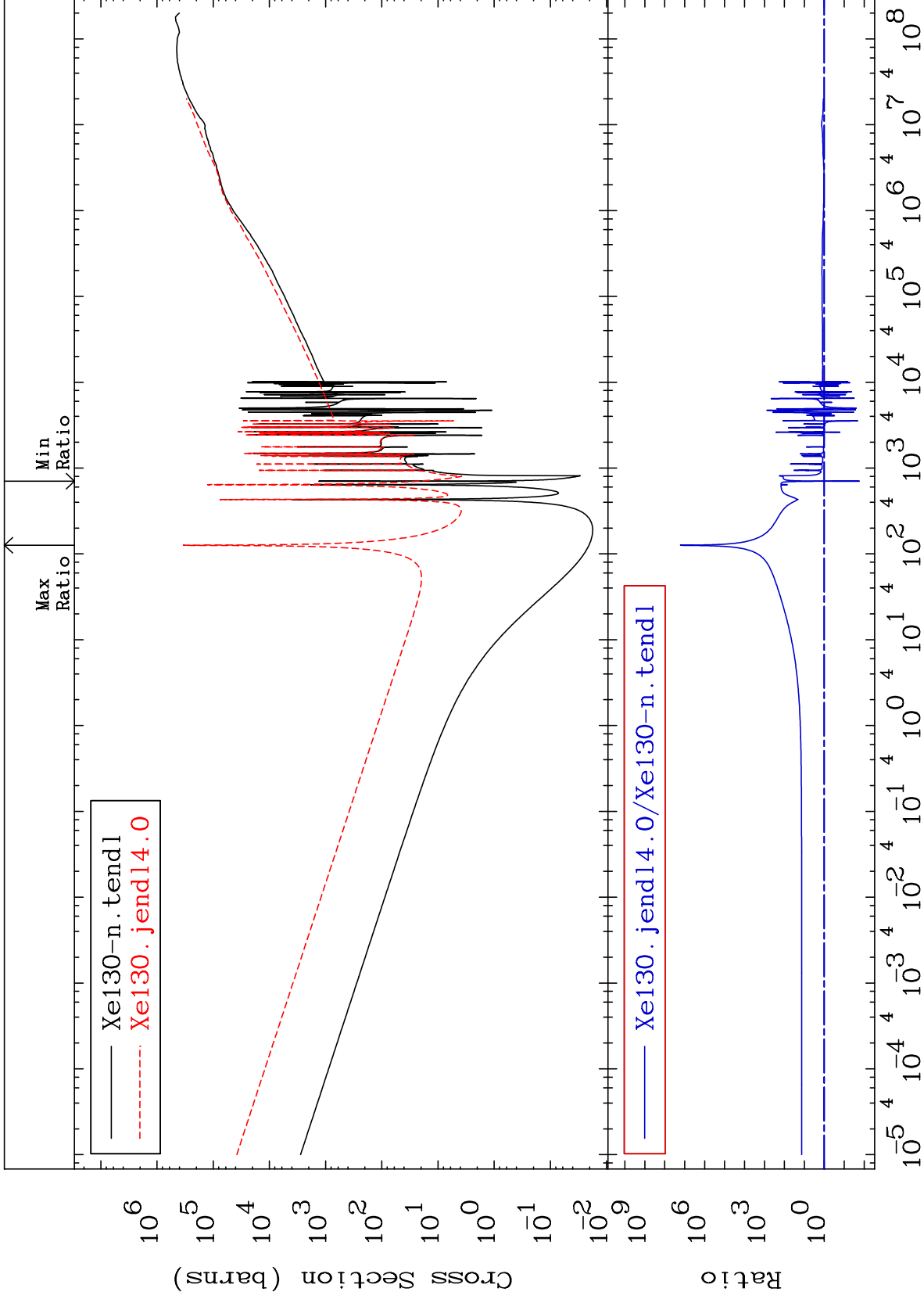
Cross Section



MAT 5443

Dpa total (eV-barns)
Cross Section

54-Xe-130
-98.28 To 9999. %



58

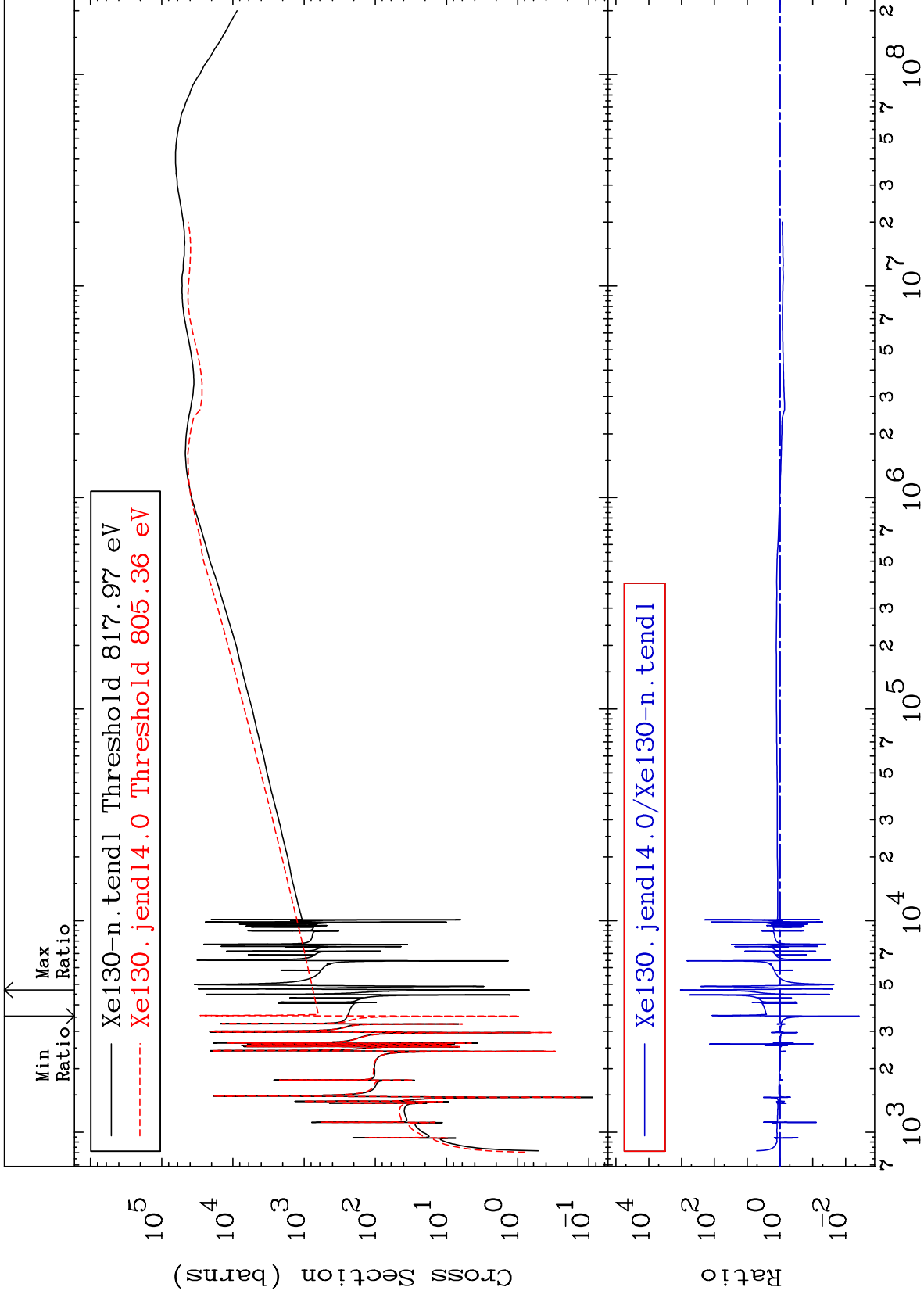
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa elastic (mt2)
Cross Section

54-Xe-130
-99.62 To 9999. %



59

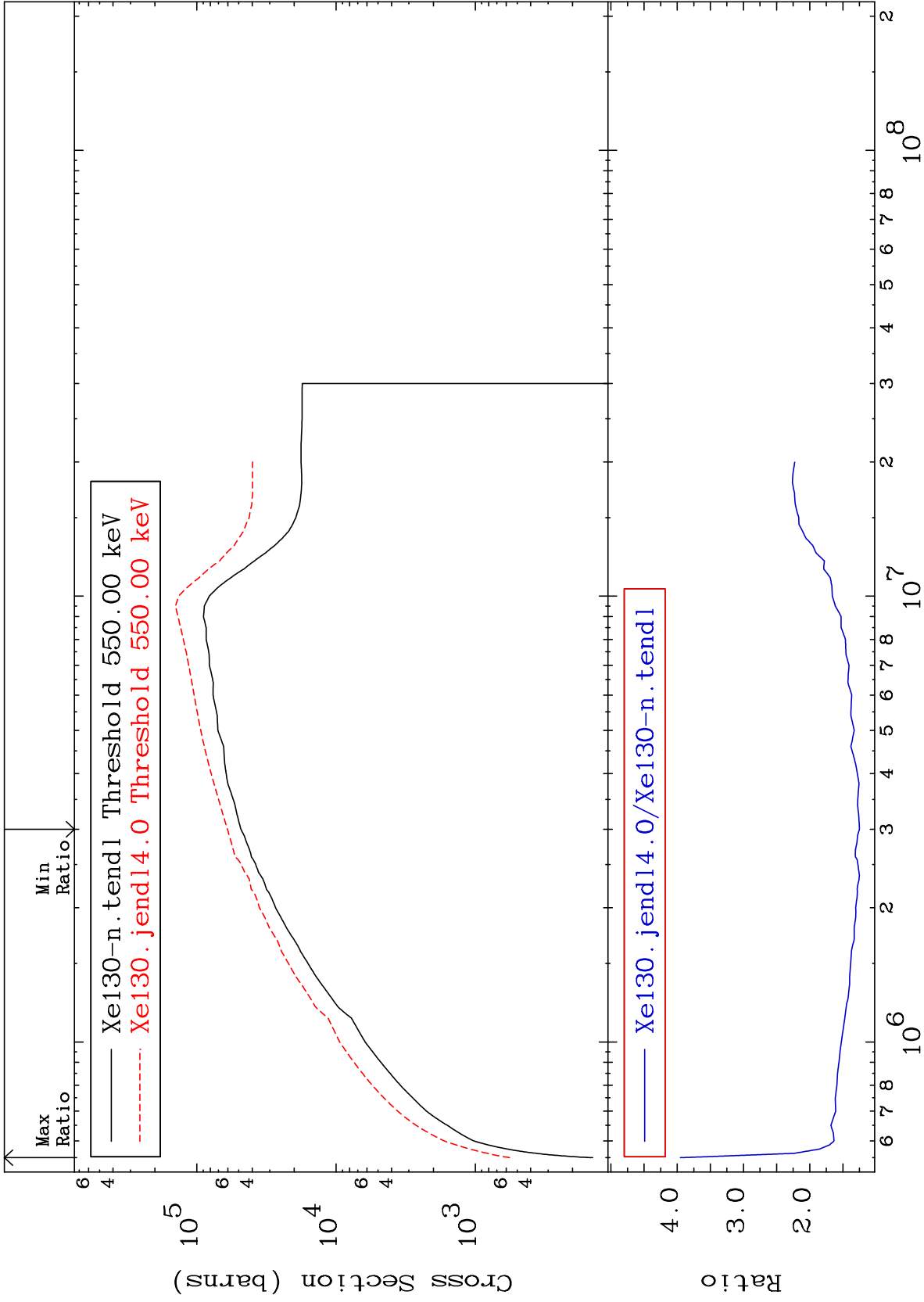
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa inelastic (mt51-91)
Cross Section

54-Xe-130
24.98 To 295.2 %



60

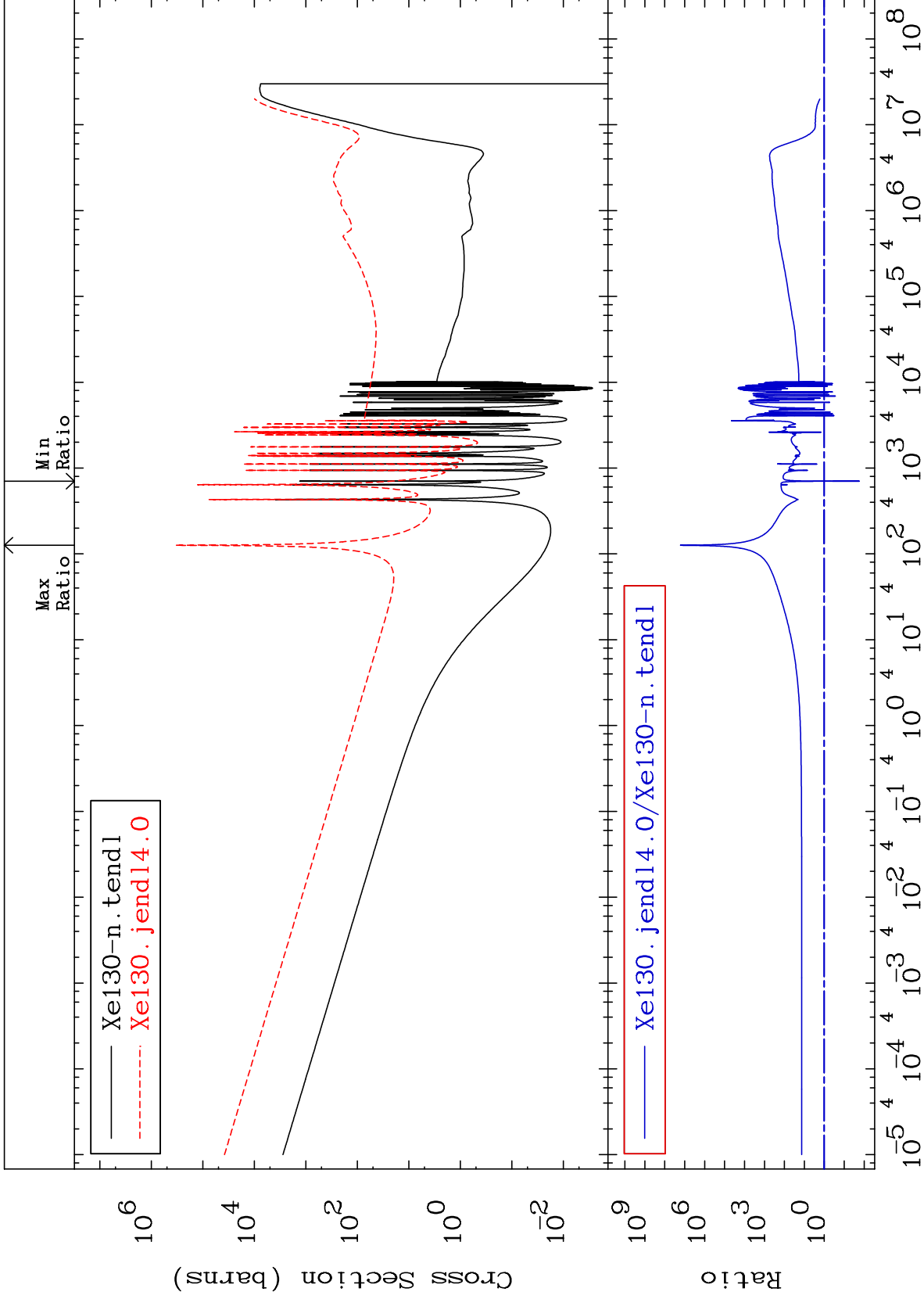
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-130
-98.28 To 9999. %



61

Incident Energy (eV)

54-Xe-130