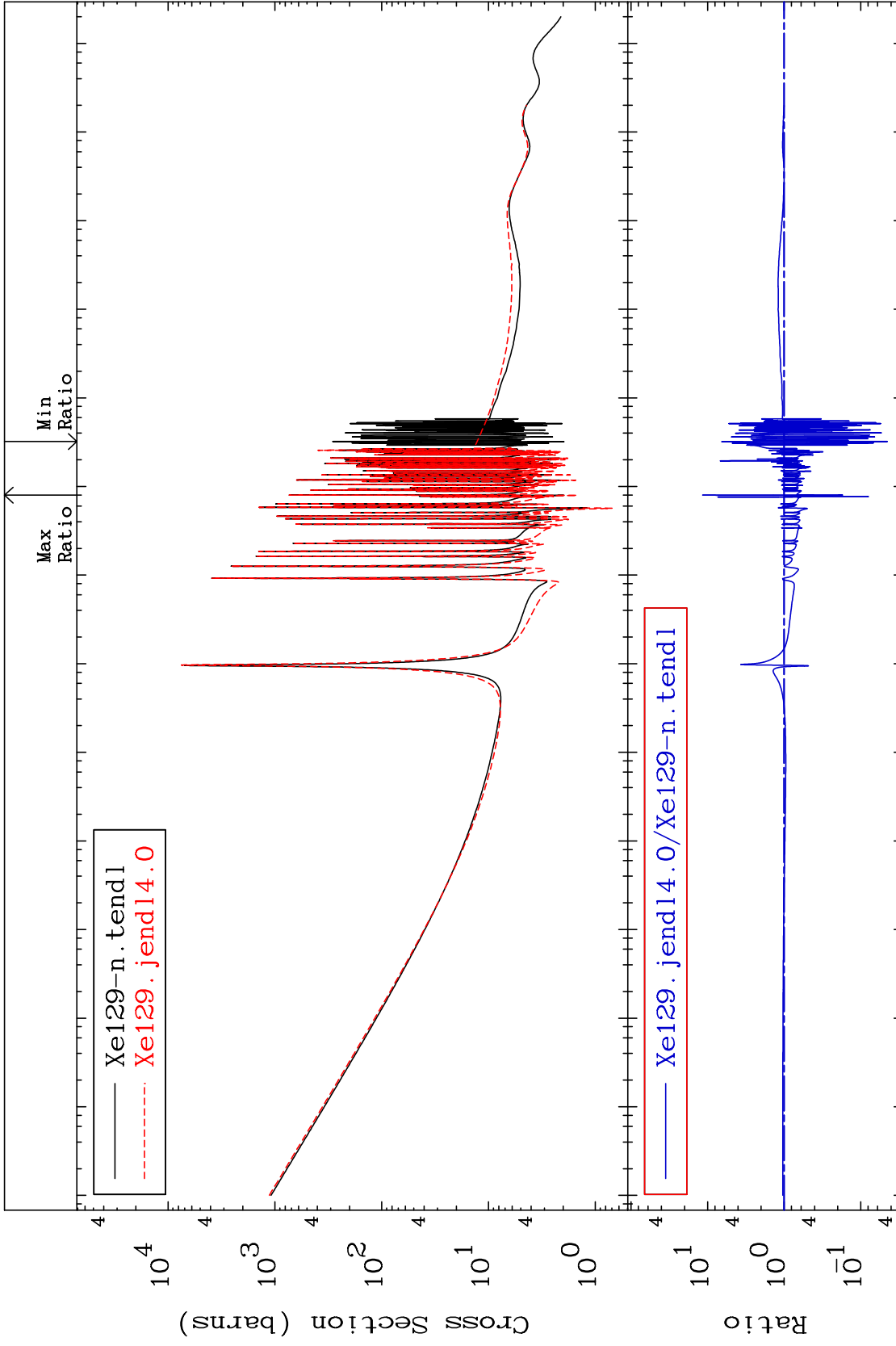


MAT 5440

Total
Cross Section

54-Xe-129
-95.53 To 1063. %



Incident Energy (eV)

54-Xe-129

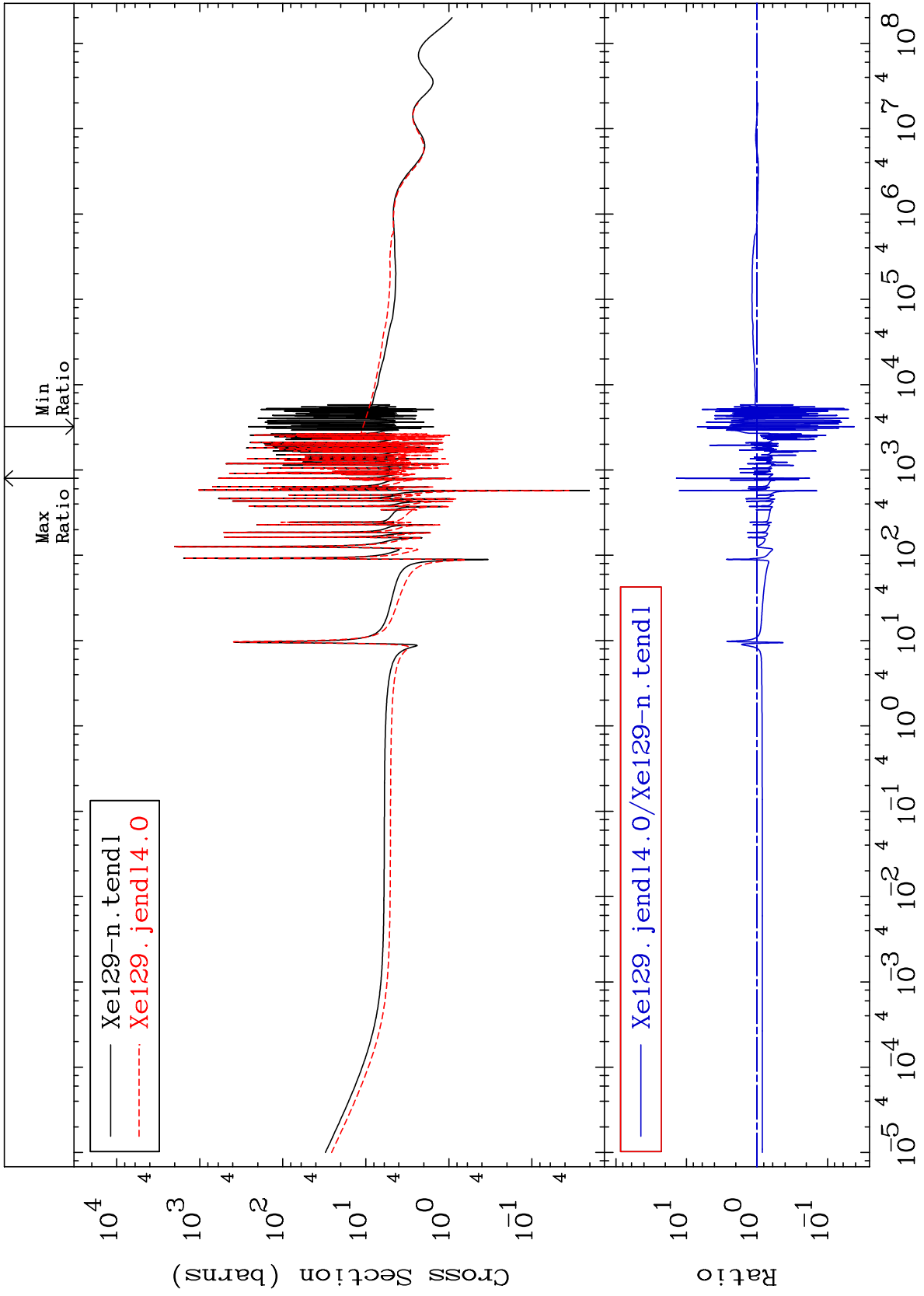
MAT 5440

Elastic

54-Xe-129

Cross Section

-95.83 To 1291. %



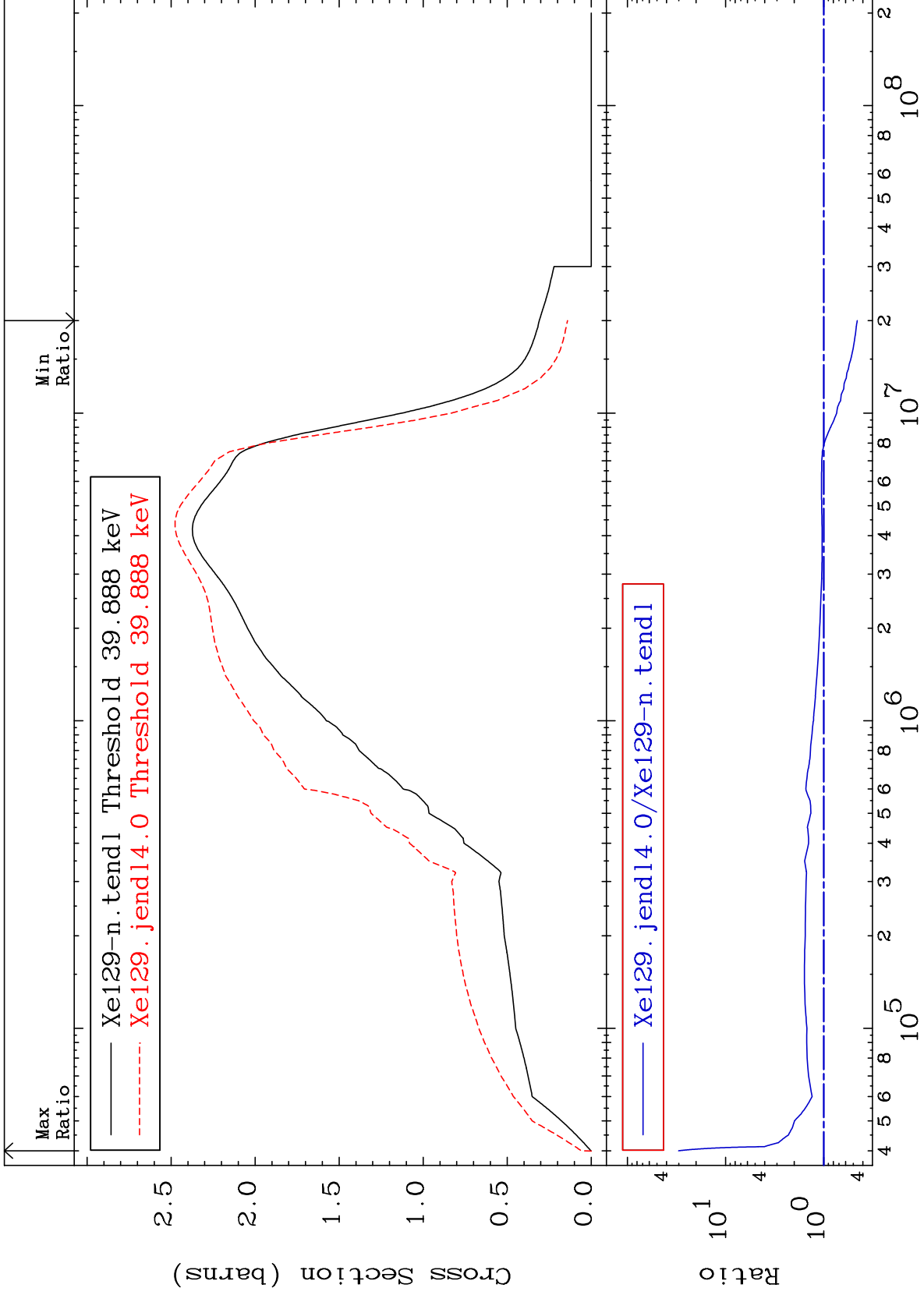
Incident Energy (eV)

54-Xe-129

MAT 5440

Inelastic
Cross Section

54-Xe-129
-54.33 To 2909. %



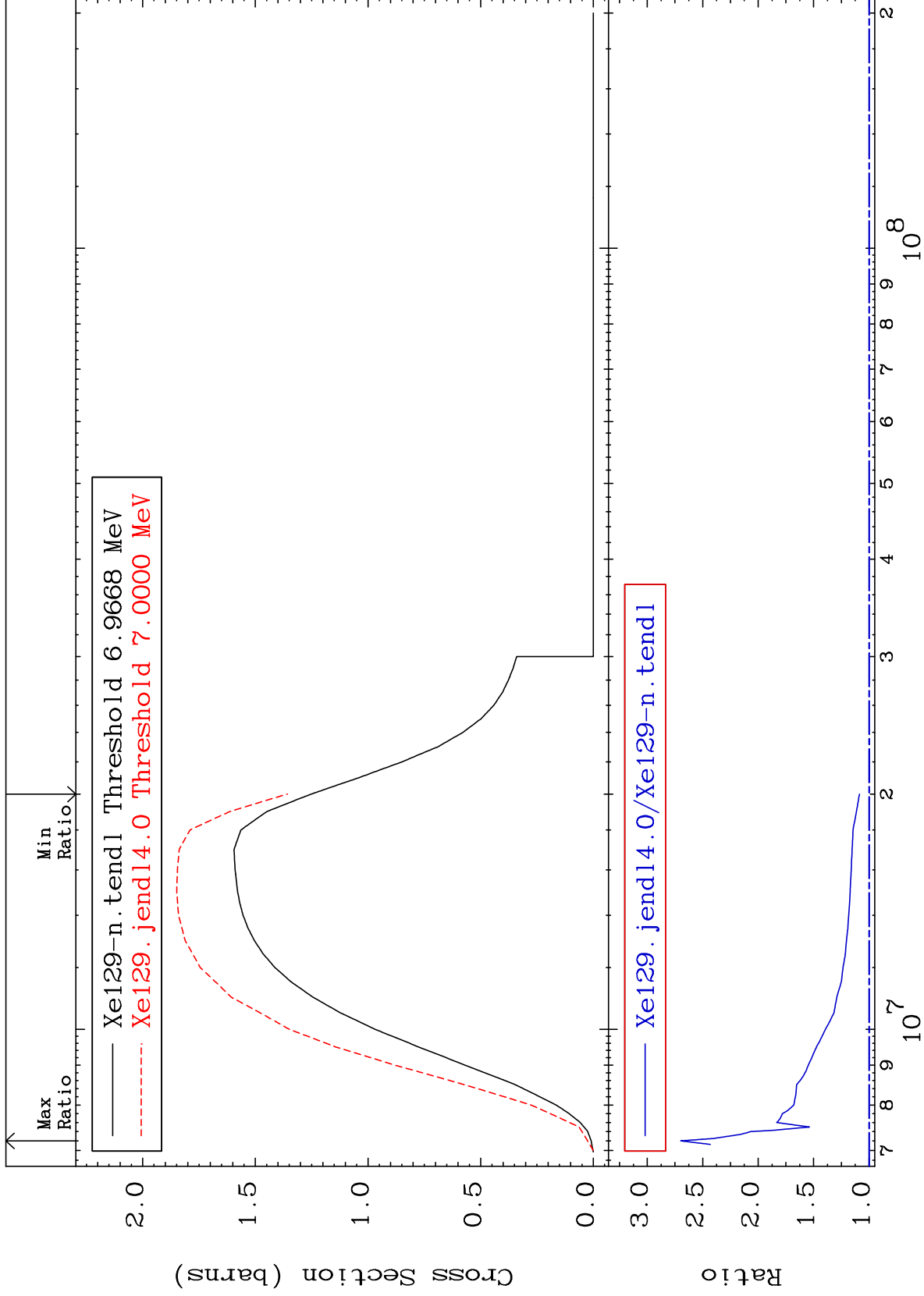
MAT 5440

(n,2n)

54-Xe-129

Cross Section

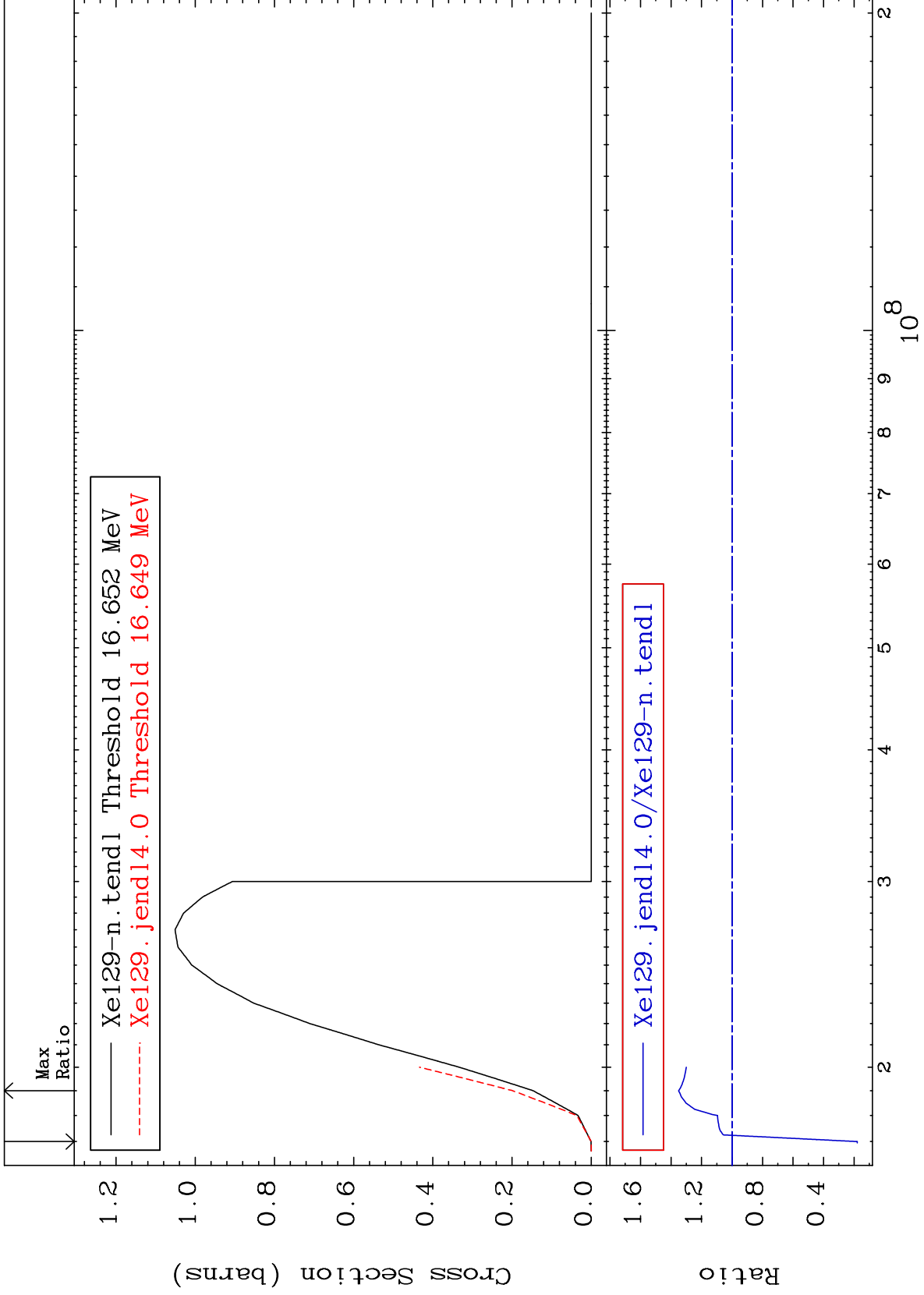
8.584 To 169.8 %



MAT 5440

(n,3n)
Cross Section

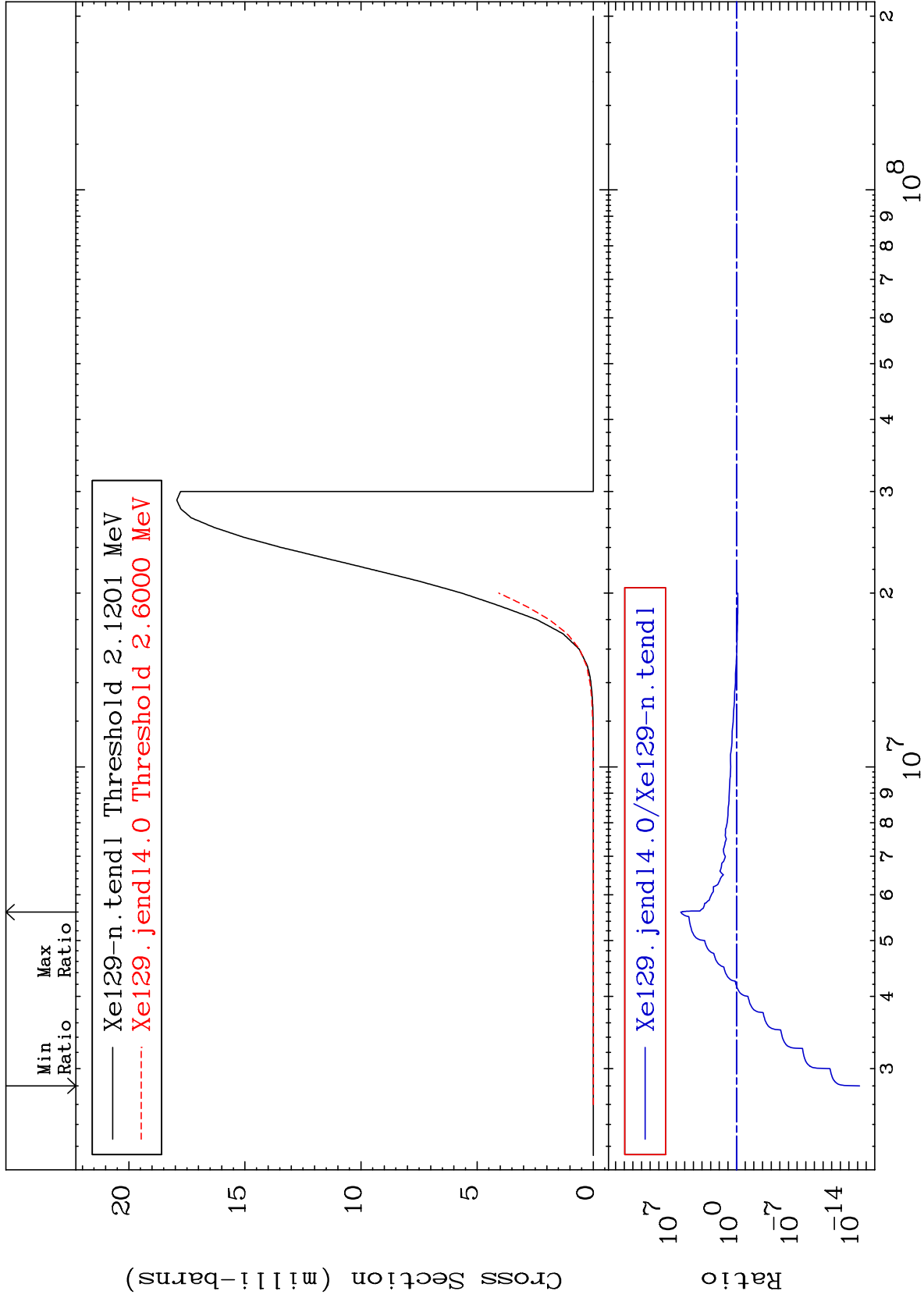
54-Xe-129
-82.11 To 34.99 %



MAT 5440

(n, n') α
Cross Section

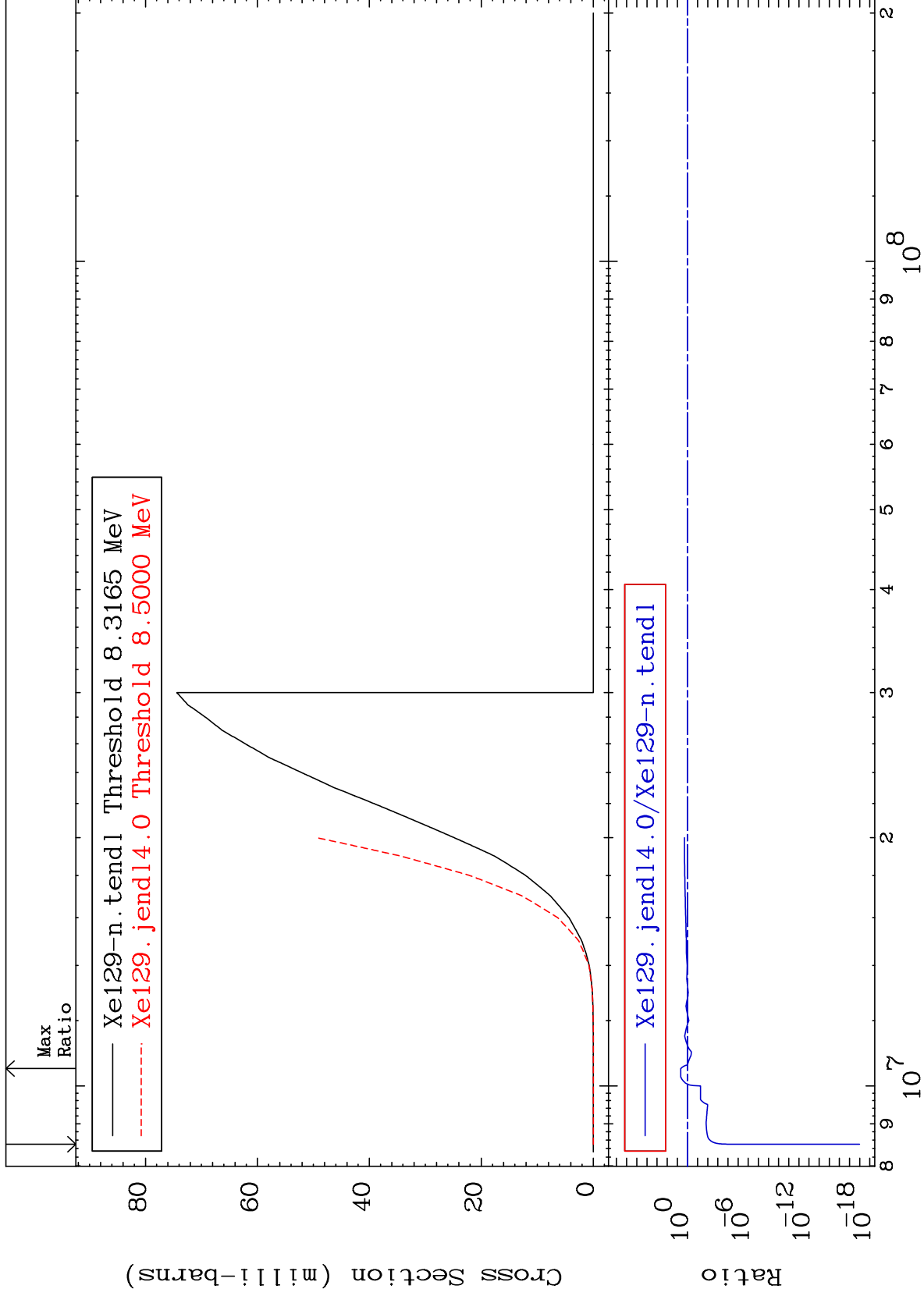
54-Xe-129
-100.0 To 9999. %



MAT 5440

(n, n') p
Cross Section

54-Xe-129
-100.0 To 353.7 %



Incident Energy (eV)

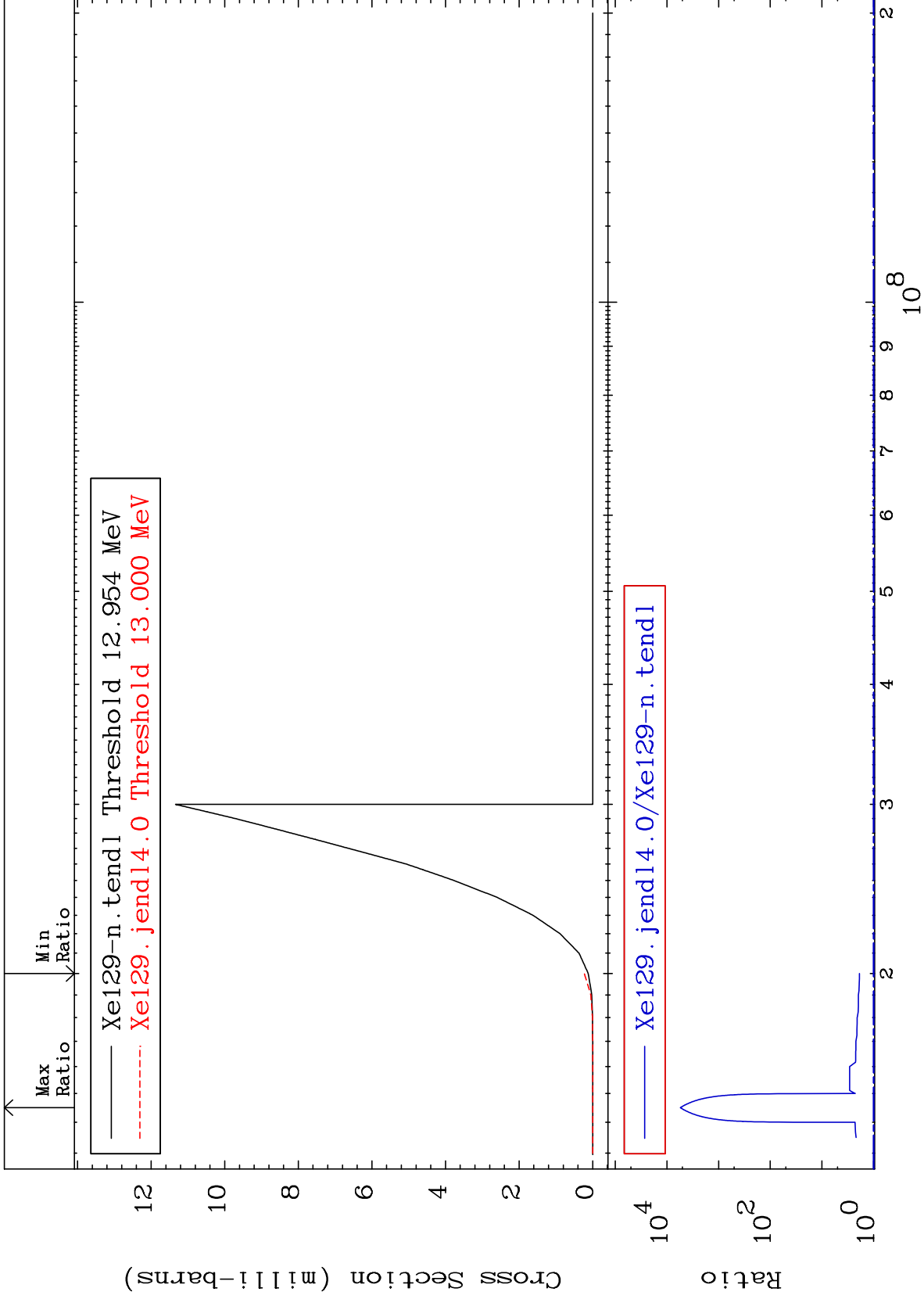
54-Xe-129

7

MAT 5440

(n,n') d
Cross Section

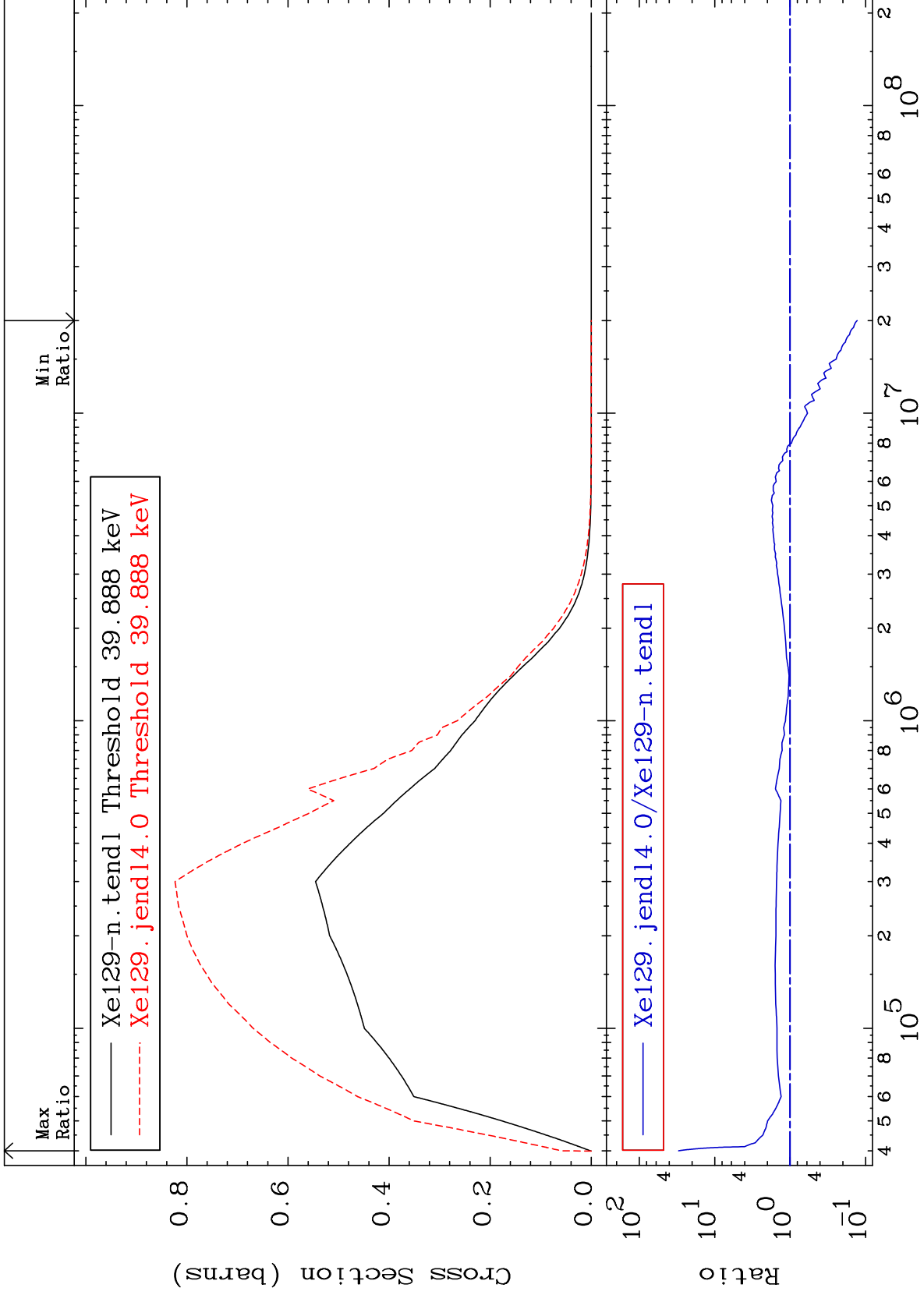
54-Xe-129
87.66 To 9999. %



MAT 5440

39.58 keV (n,n') Level
Cross Section

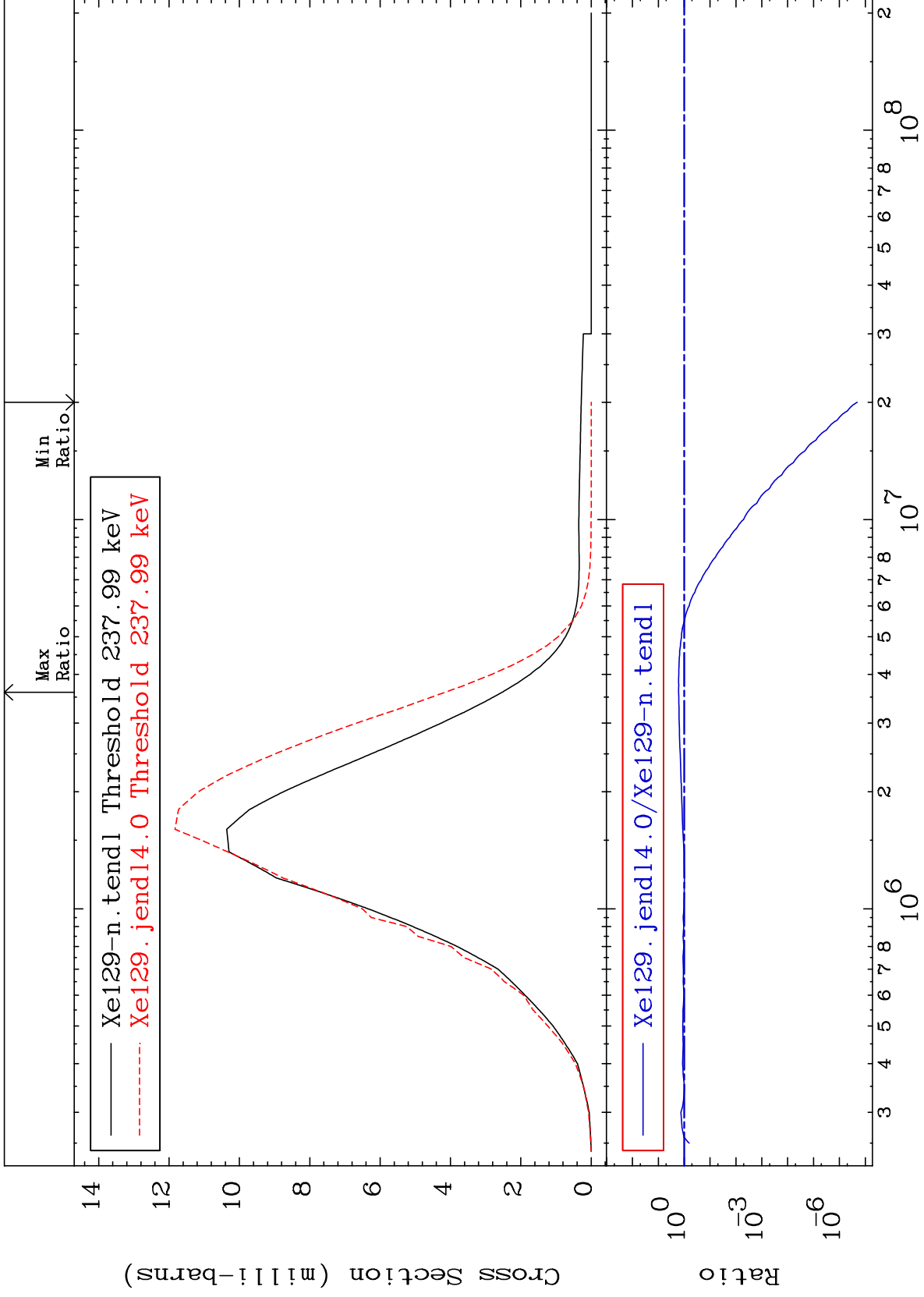
54-Xe-129
-87.14 To 2909. %



MAT 5440

236.1 keV (n,n') Level
Cross Section

54-Xe-129
-100.0 To 64.29 %



10

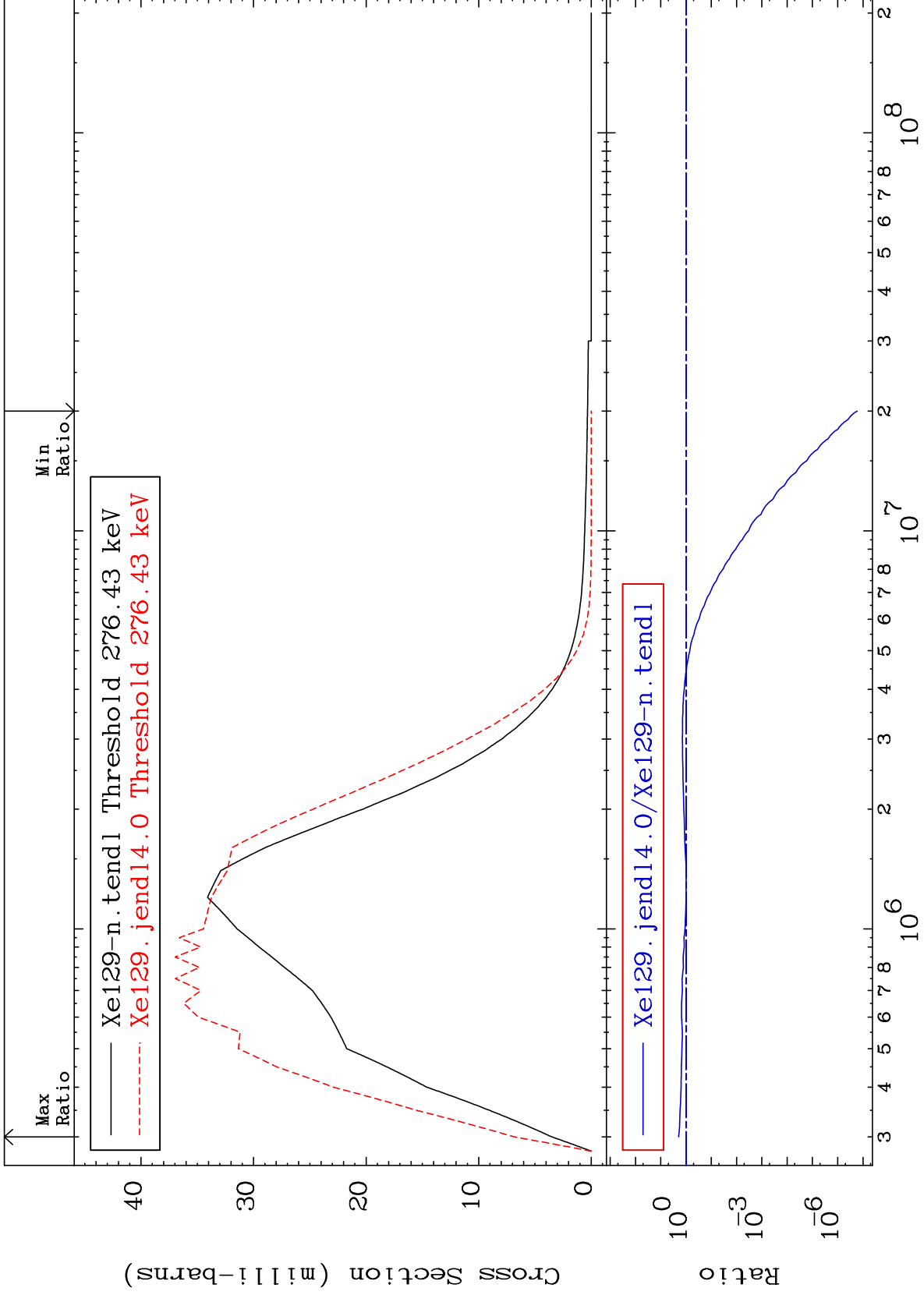
Incident Energy (eV)

54-Xe-129

MAT 5440

274.3 keV (n,n') Level
Cross Section

54-Xe-129
-100.0 To 96.03 %



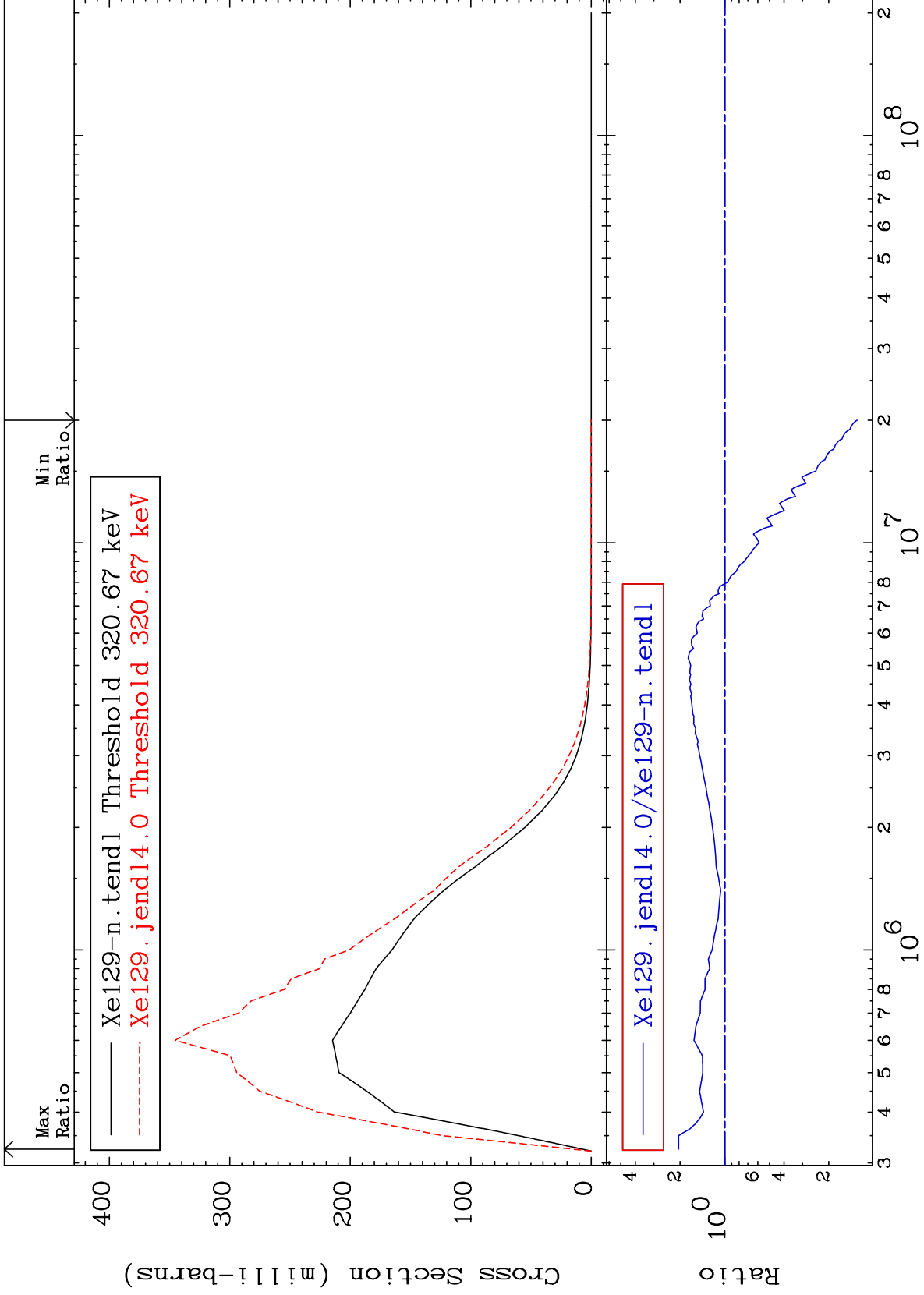
11

54-Xe-129

MAT 5440

318.2 keV (n,n') Level
Cross Section

54-Xe-129
-87.14 To 104.3 %



12

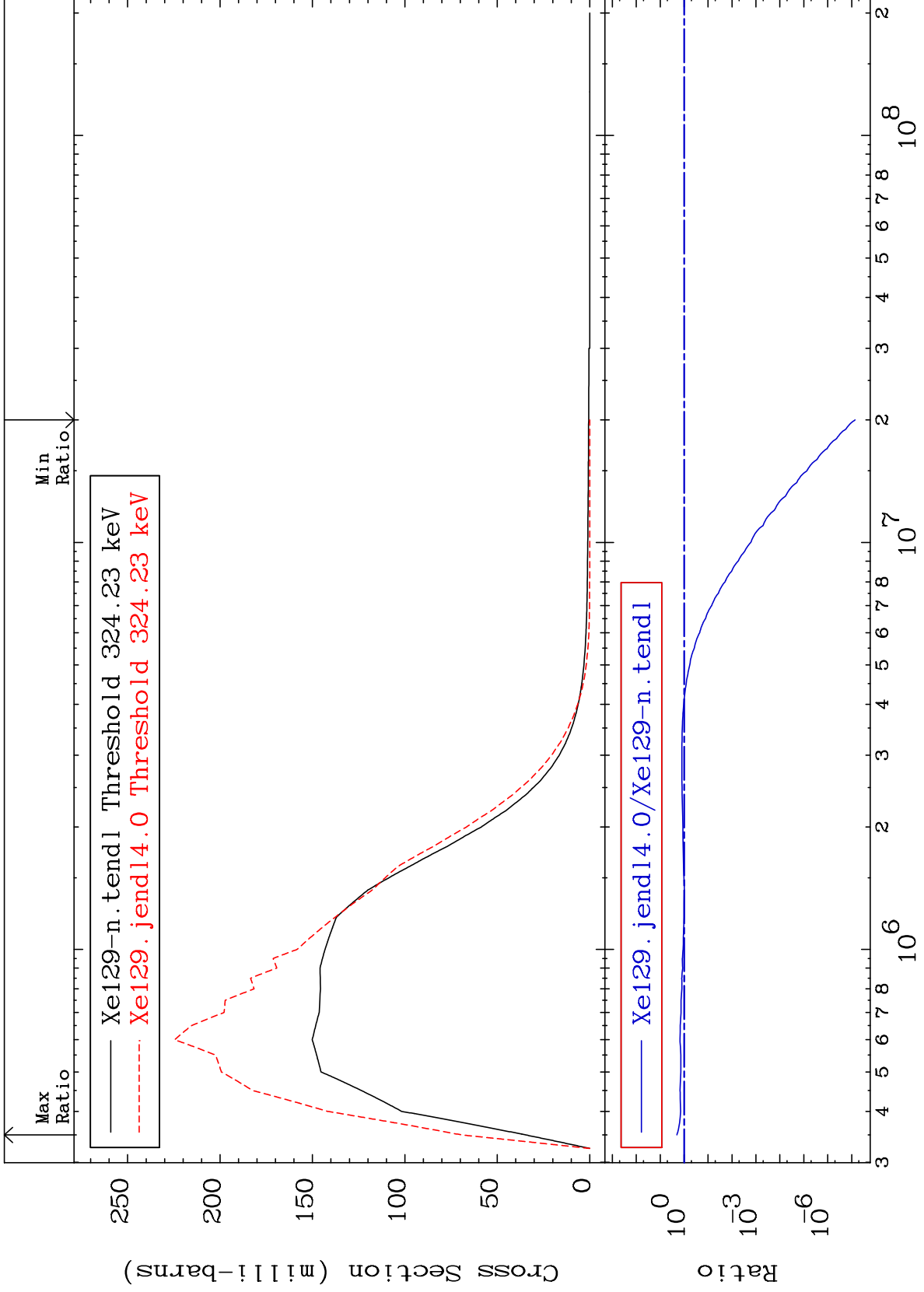
Incident Energy (eV)

54-Xe-129

MAT 5440

321.7 keV (n,n') Level
Cross Section

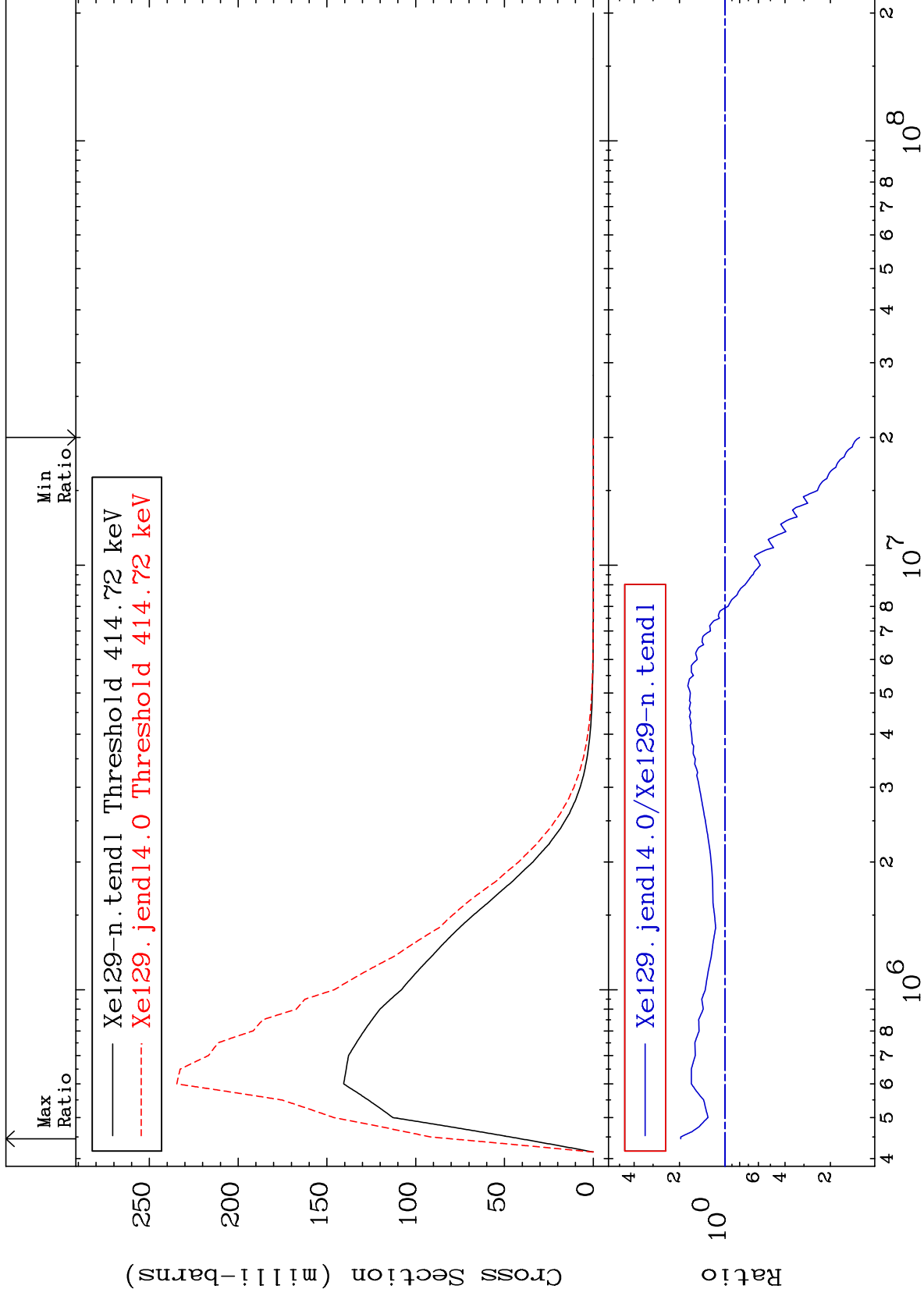
54-Xe-129
-100.0 To 100.0 %



MAT 5440

411.5 keV (n,n') Level
Cross Section

54-Xe-129
-87.17 To 96.29 %



14

Incident Energy (eV)

54-Xe-129

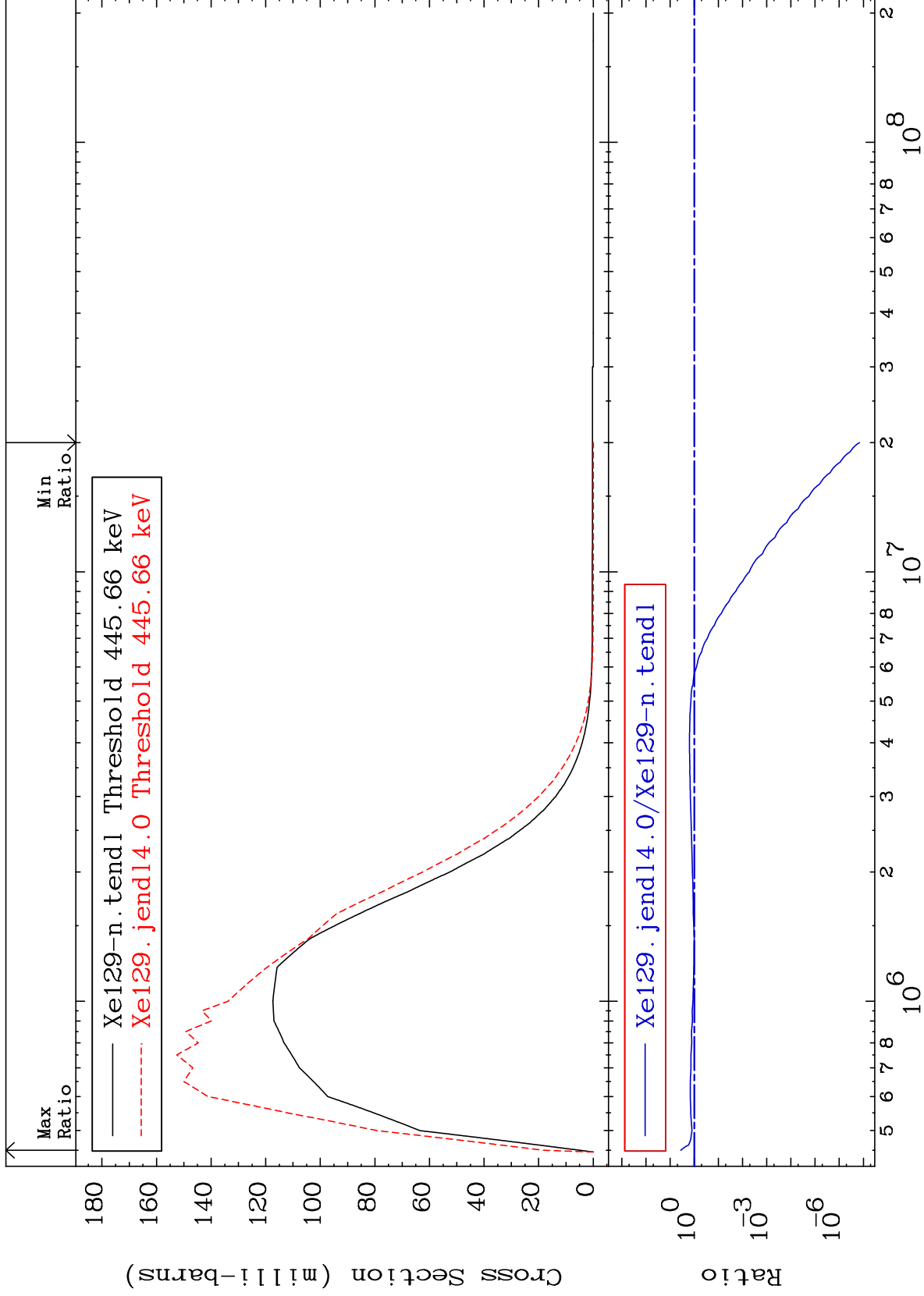
MAT 5440

442.2 keV (n,n') Level

54-Xe-129

-100.0 To 261.7 %

Cross Section



15

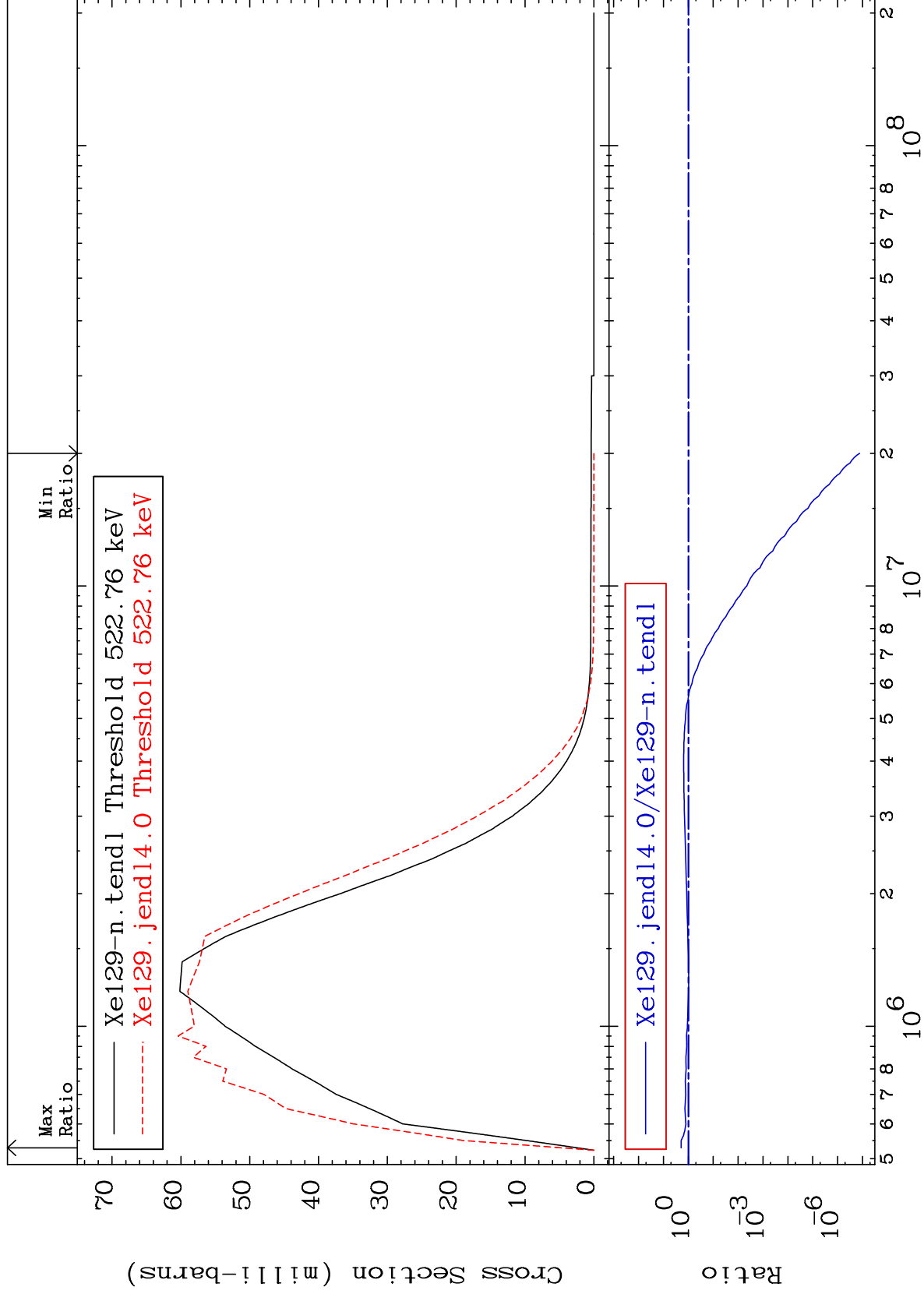
Incident Energy (eV)

54-Xe-129

MAT 5440

518.7 keV (n,n') Level
Cross Section

54-Xe-129
-100.0 To 93.42 %



16

54-Xe-129

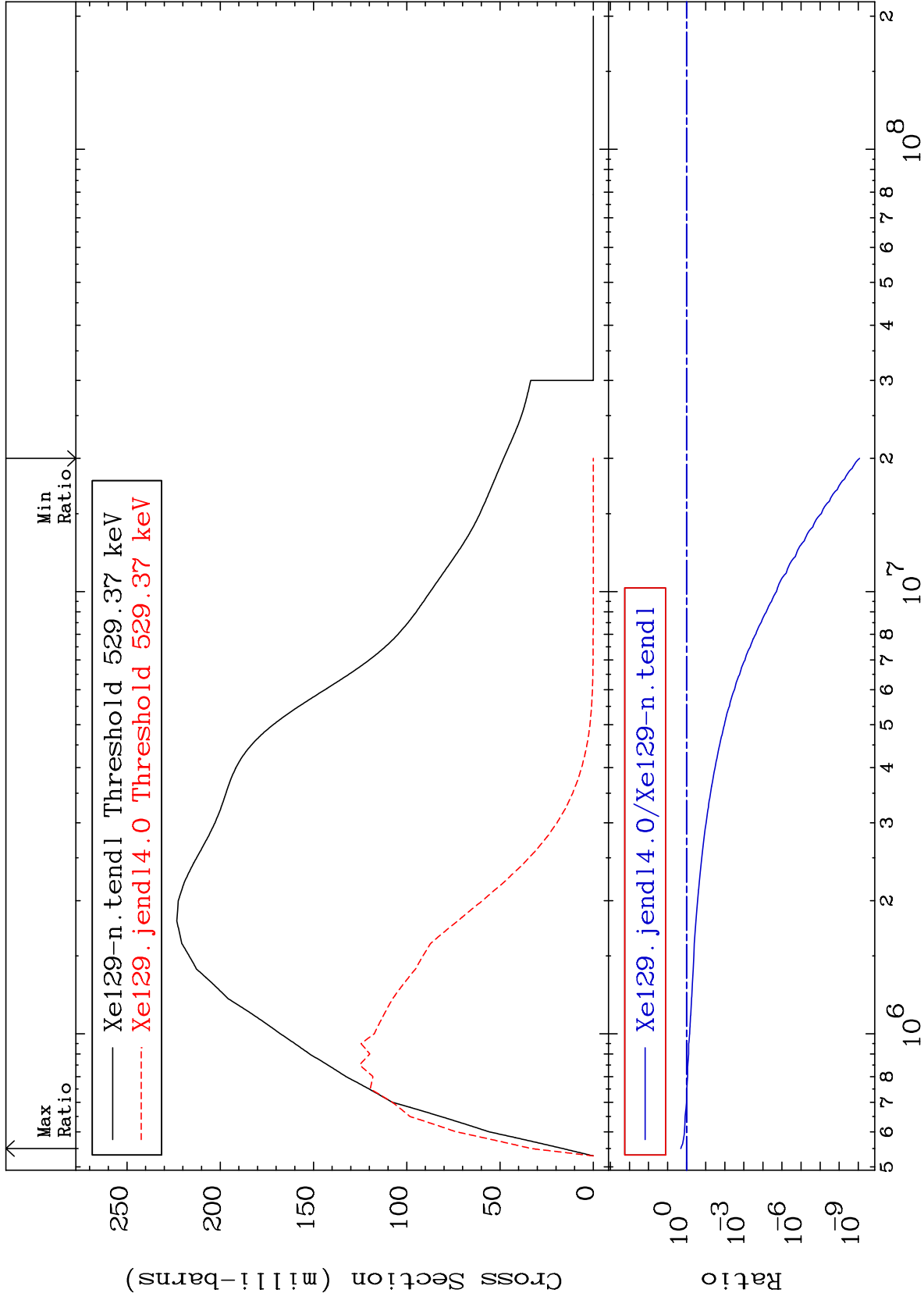
MAT 5440

525.3 keV (n,n') Level

54-Xe-129

-100.0 To 103.4 %

Cross Section



17

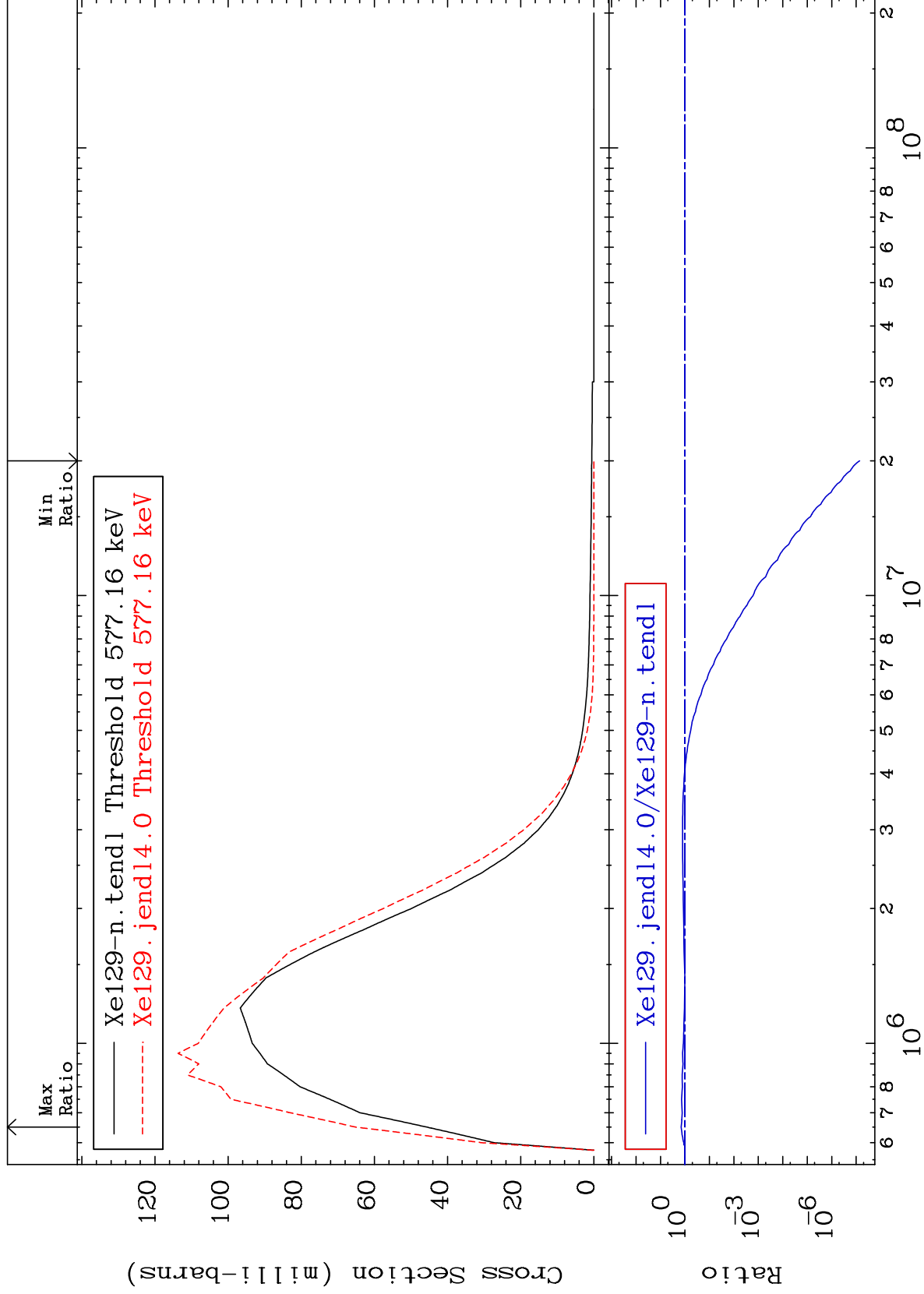
Incident Energy (eV)

54-Xe-129

MAT 5440

572.7 keV (n,n') Level
Cross Section

54-Xe-129
-100.0 To 42.72 %



18

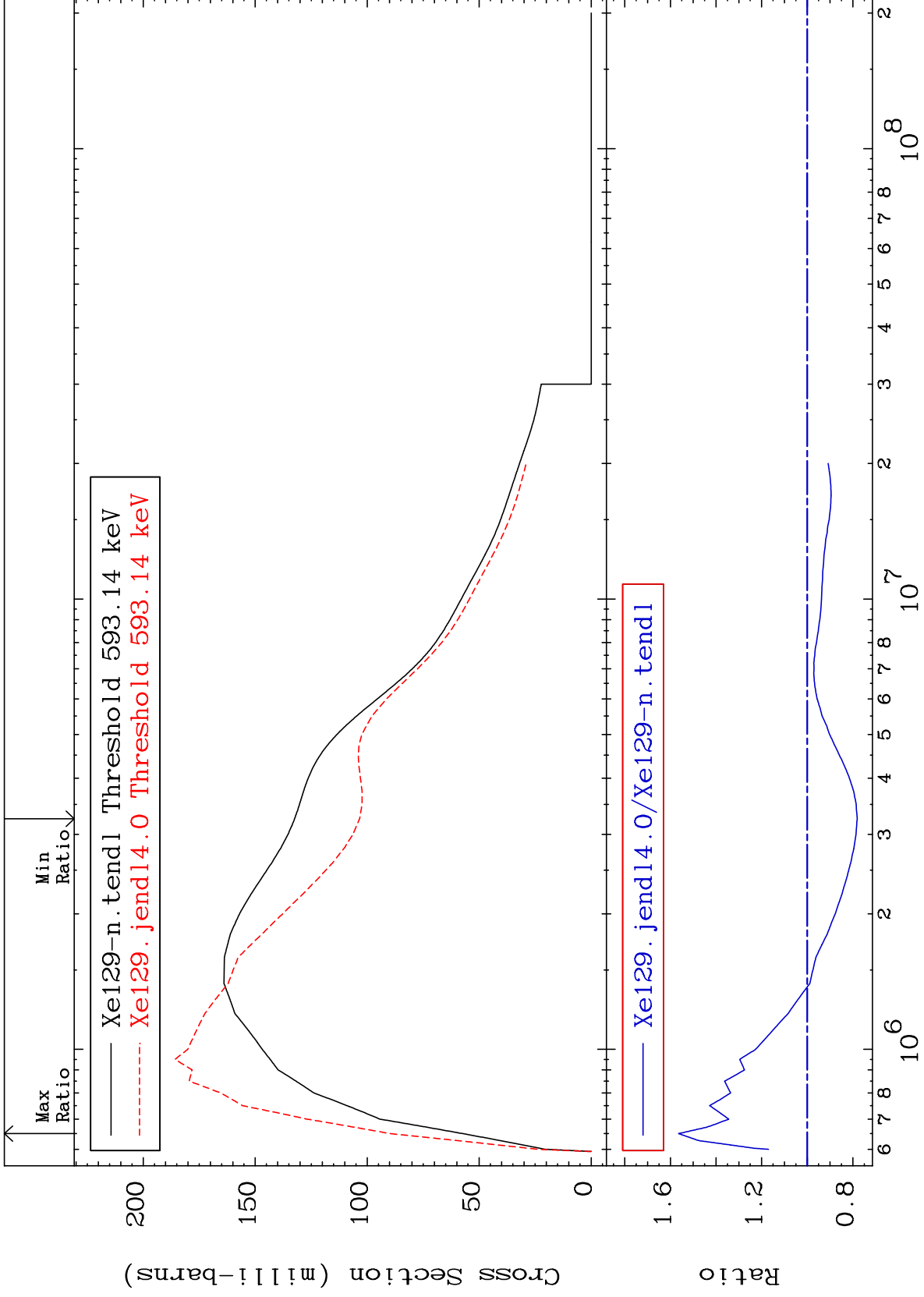
Incident Energy (eV)

54-Xe-129

MAT 5440

588.5 keV (n,n') Level
Cross Section

54-Xe-129
-21.93 To 56.39 %



19

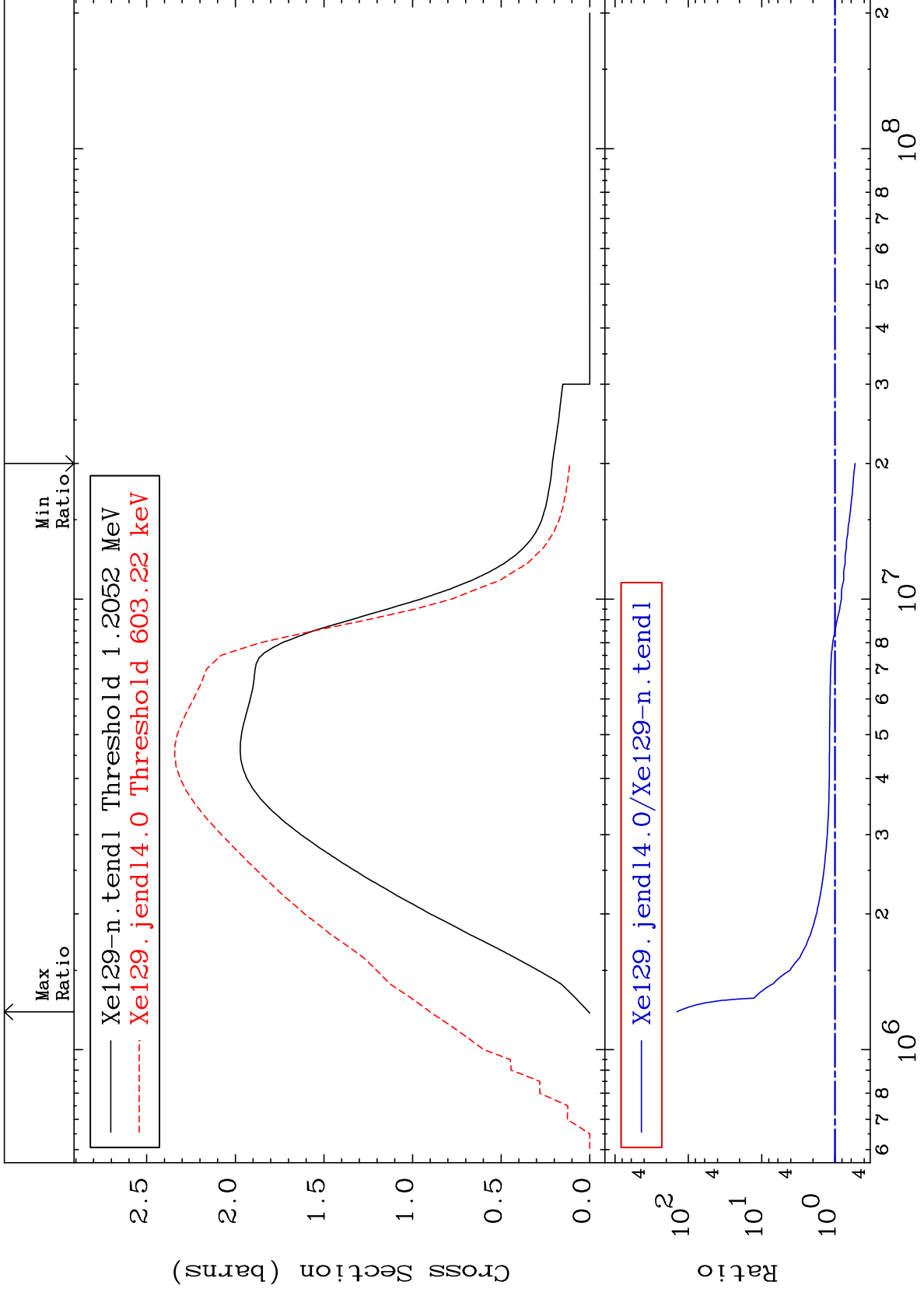
Incident Energy (eV)

54-Xe-129

MAT 5440

(n, n') Continuum
Cross Section

54-Xe-129
-46.87 To 9999. %



20

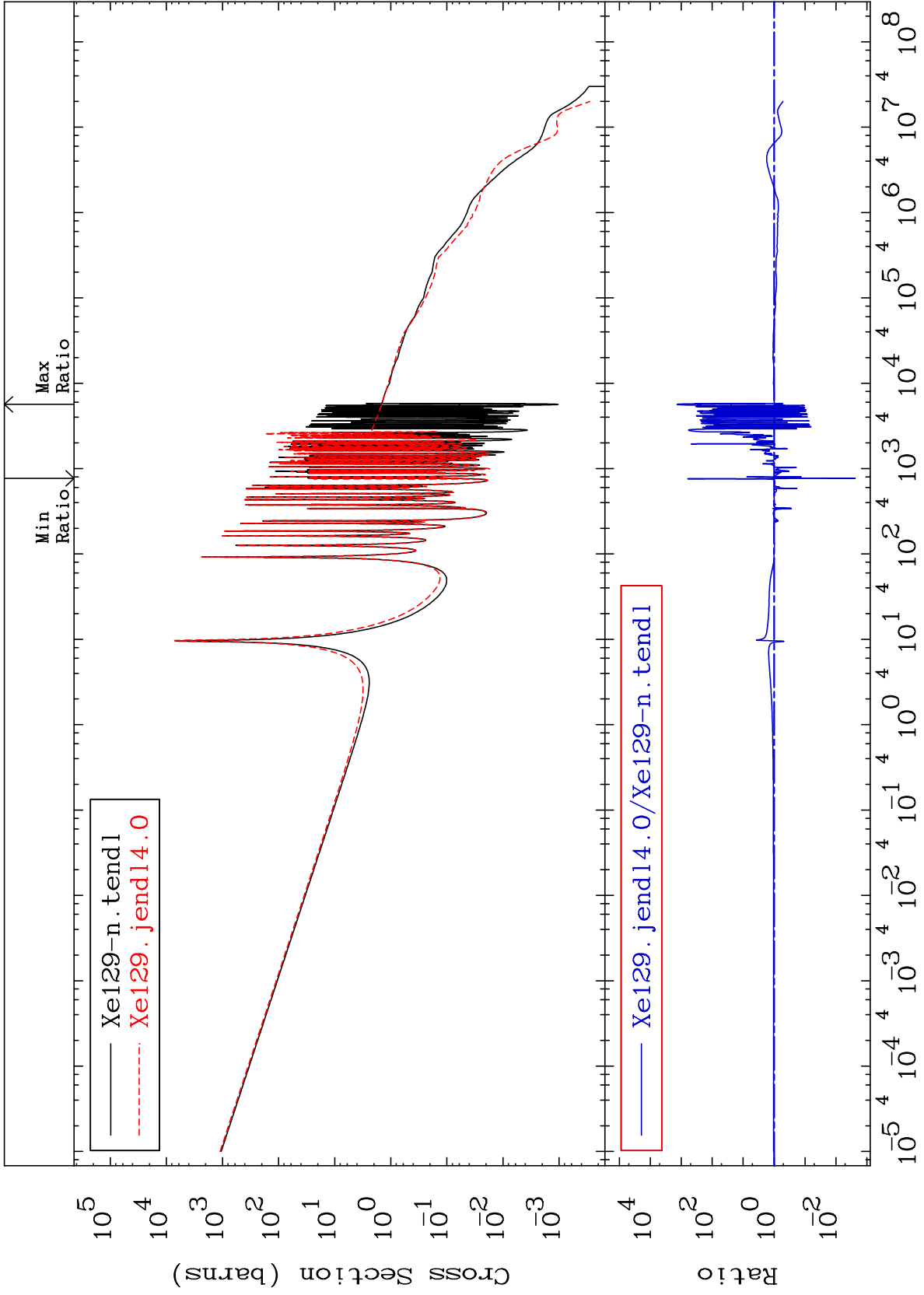
Incident Energy (eV)

54-Xe-129

MAT 5440

(n, γ)
Cross Section

54-Xe-129
-99.76 To 9999. %



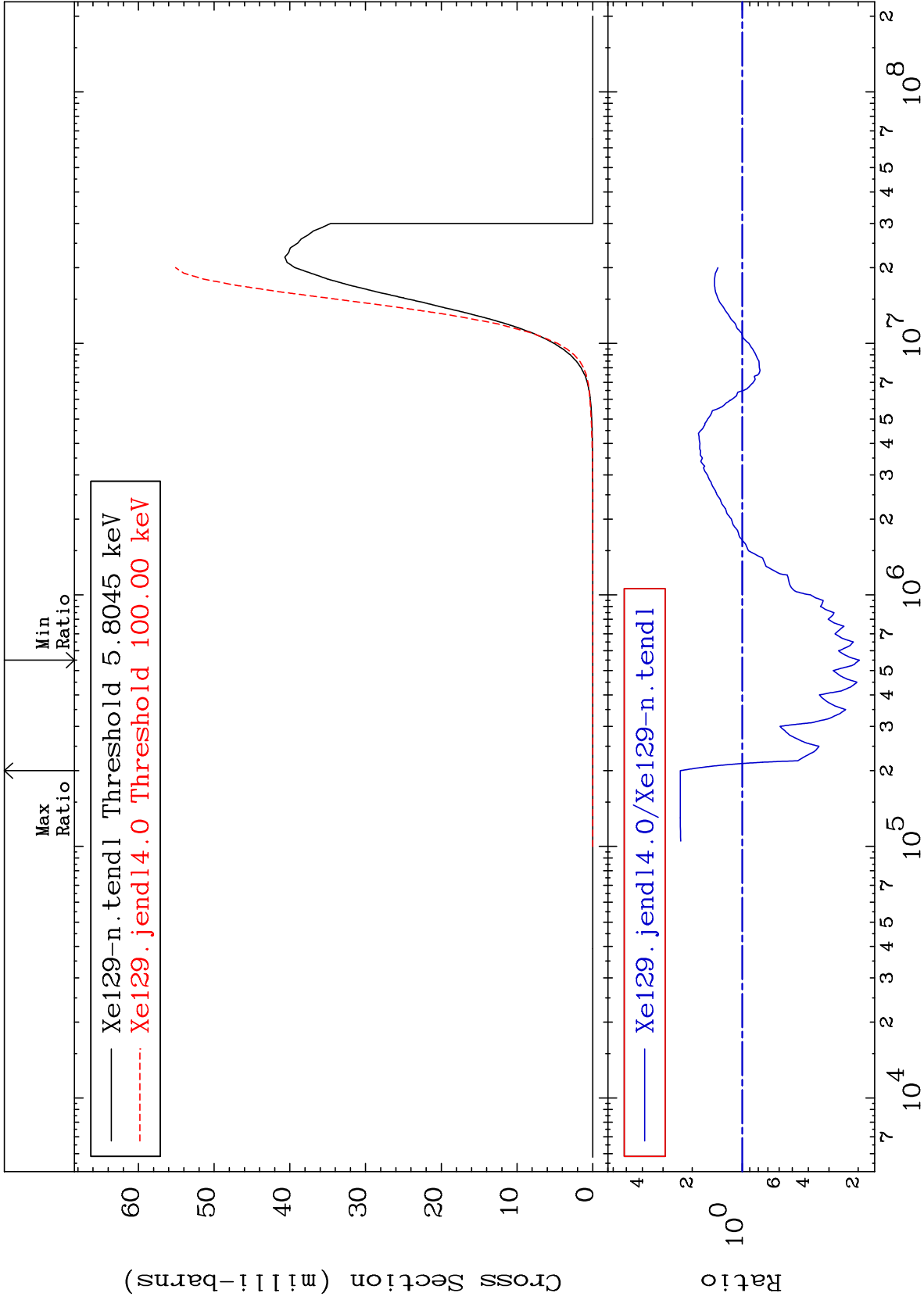
MAT 5440

(n,p)

54-Xe-129

Cross Section

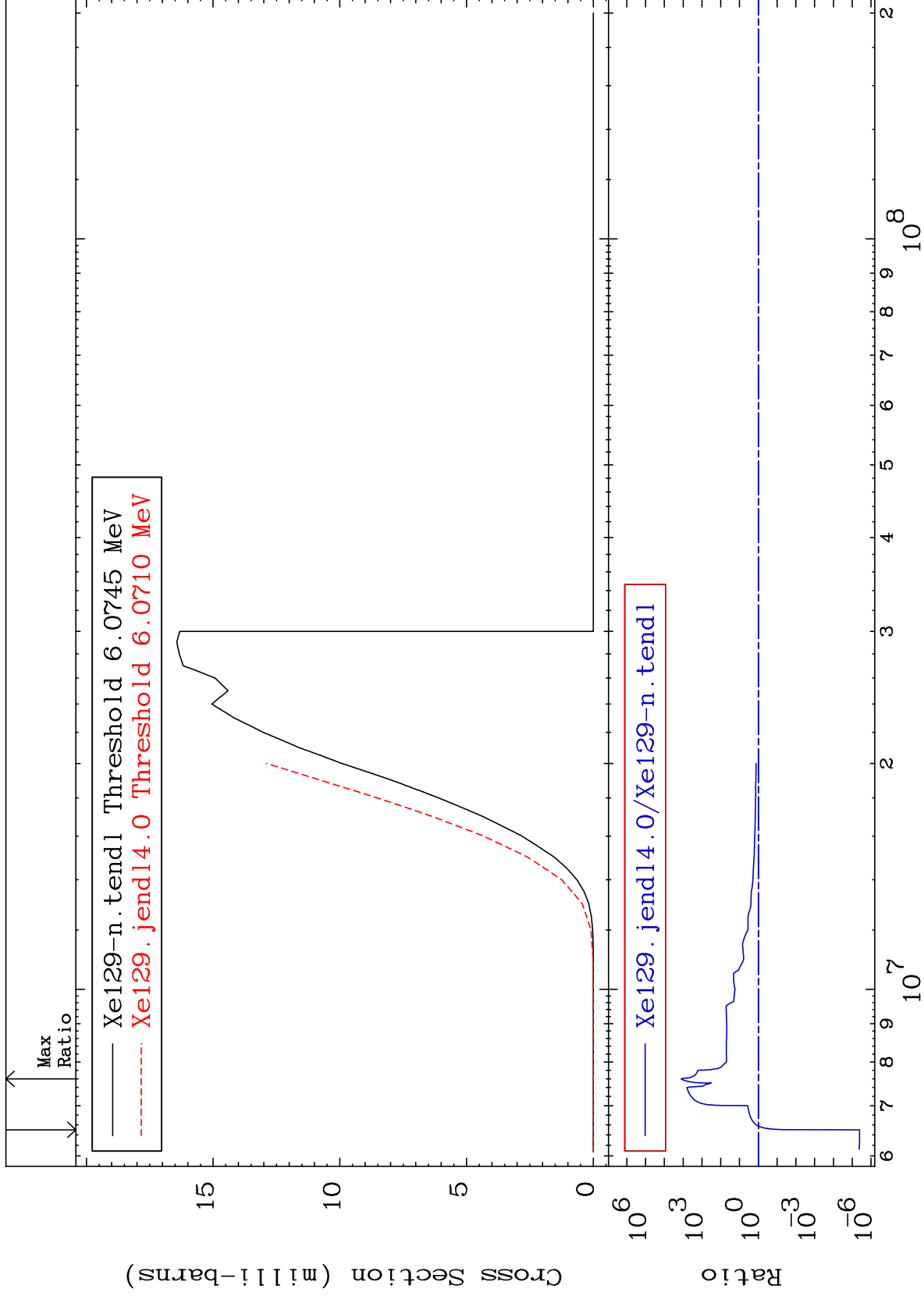
-80.32 To 136.0 %



MAT 5440

(n, d)
Cross Section

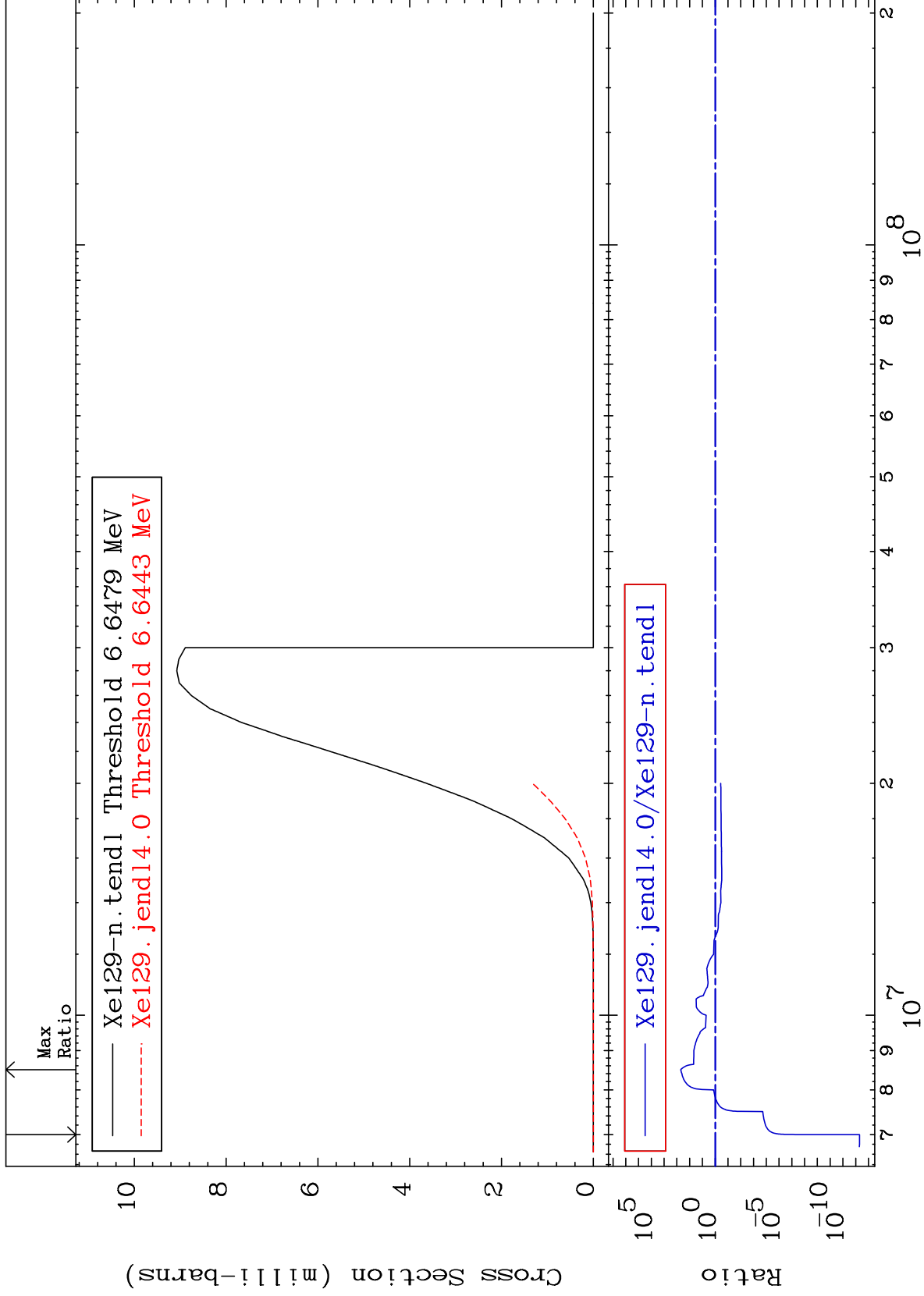
54-Xe-129
-100.0 To 9999. %



MAT 5440

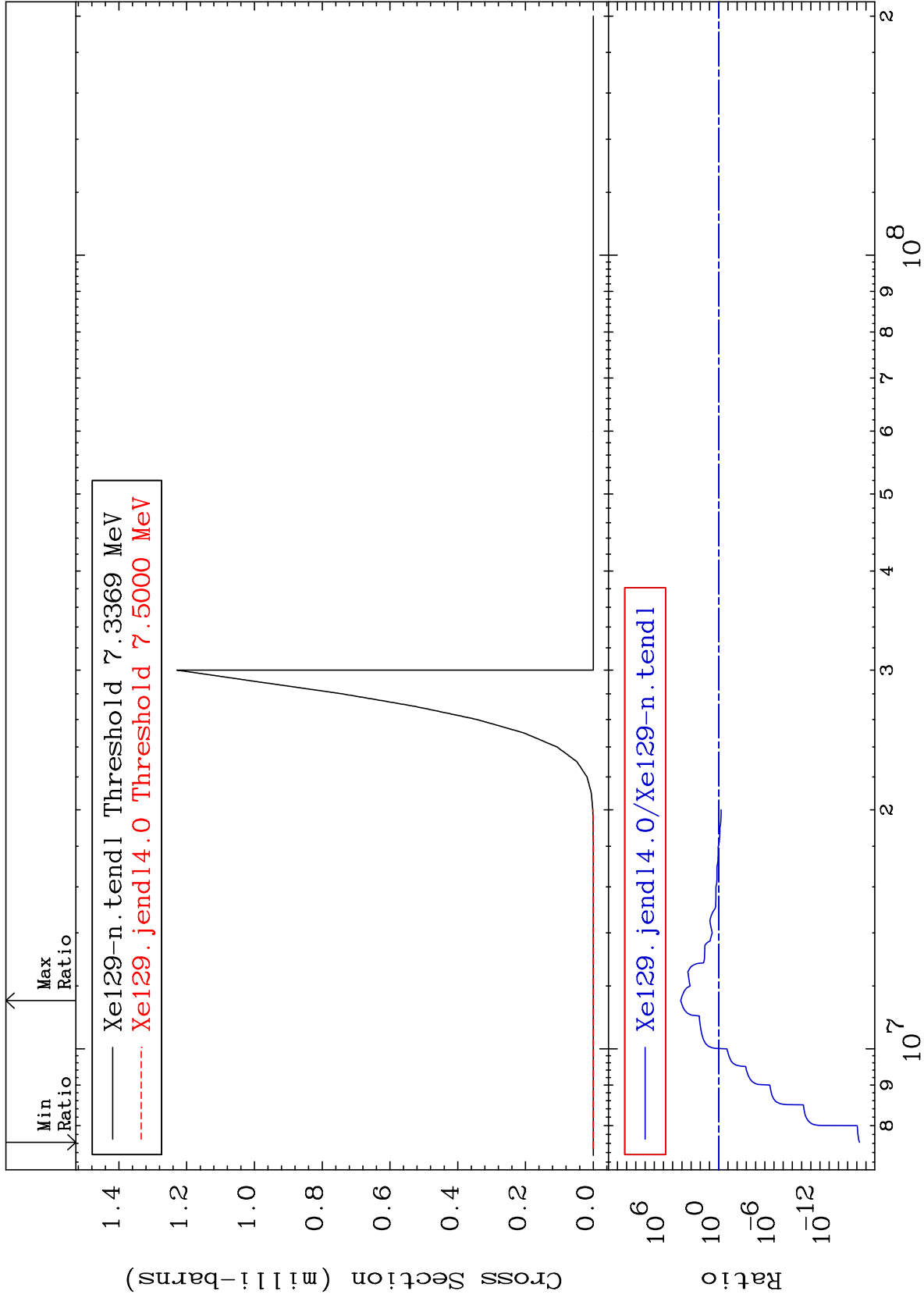
(n, t)
Cross Section

54-Xe-129
-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



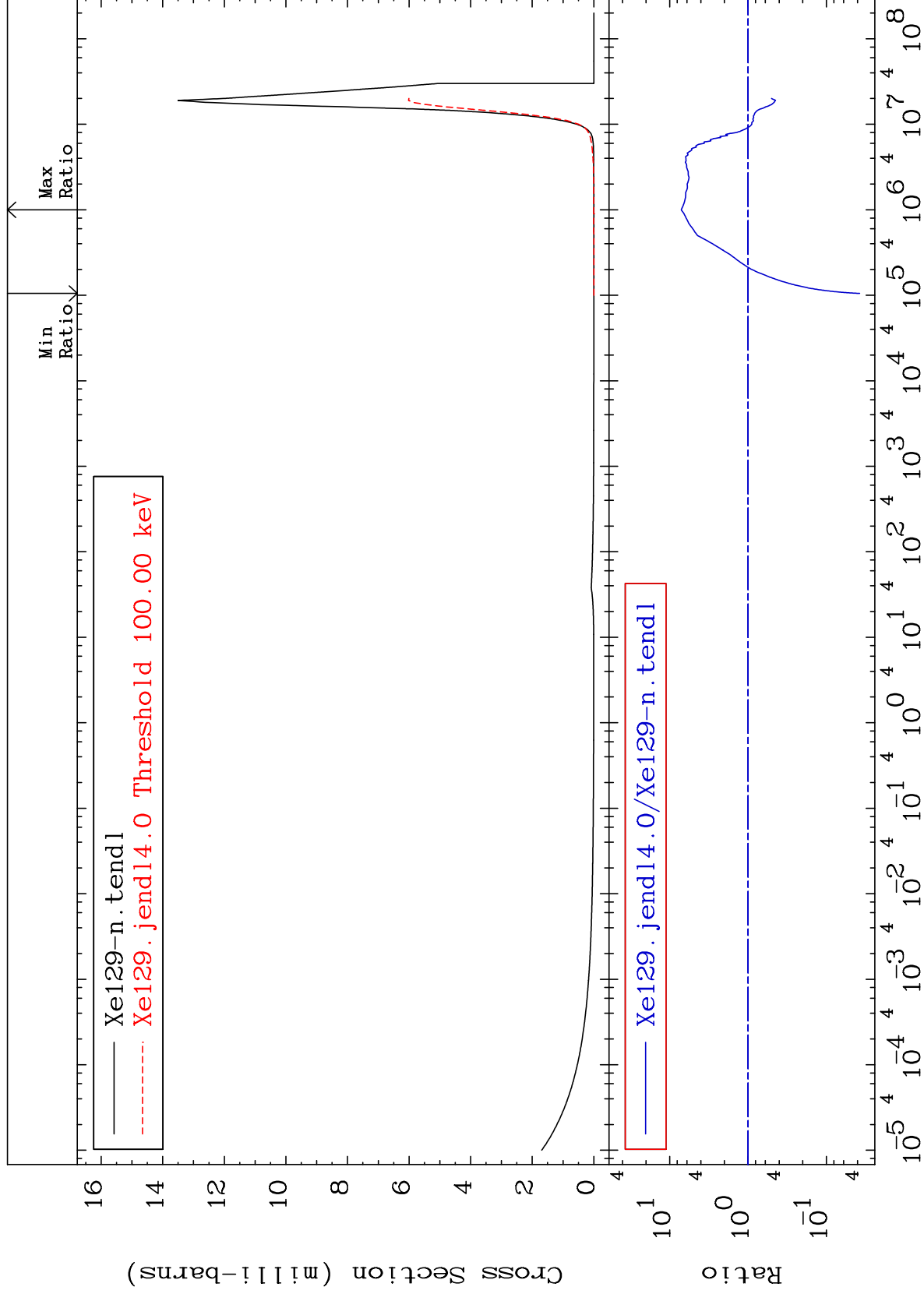
MAT 5440

(n, α)

54-Xe-129

Cross Section

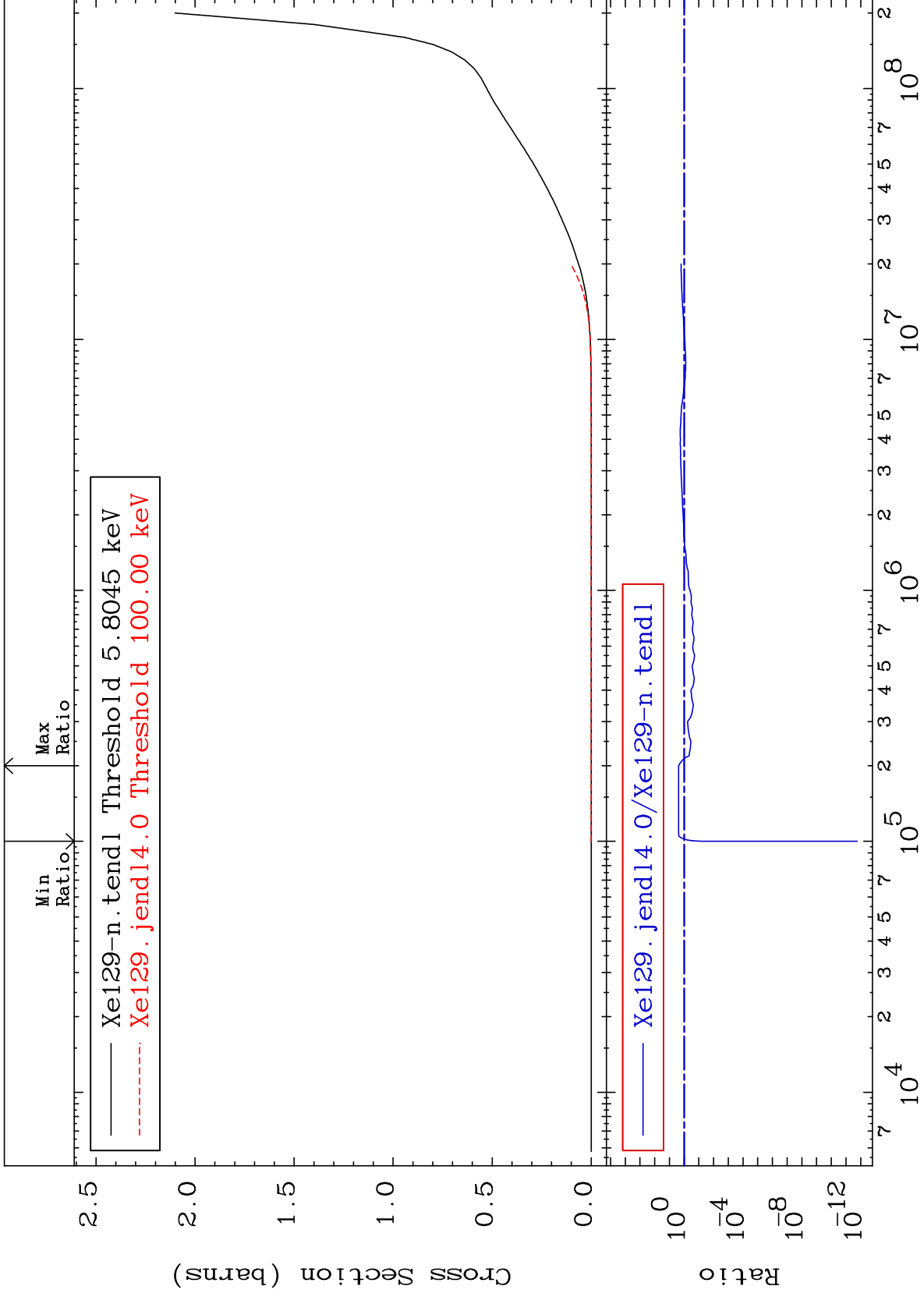
-96.24 To 612.2 %



MAT 5440

Hydrogen Production
Cross Section

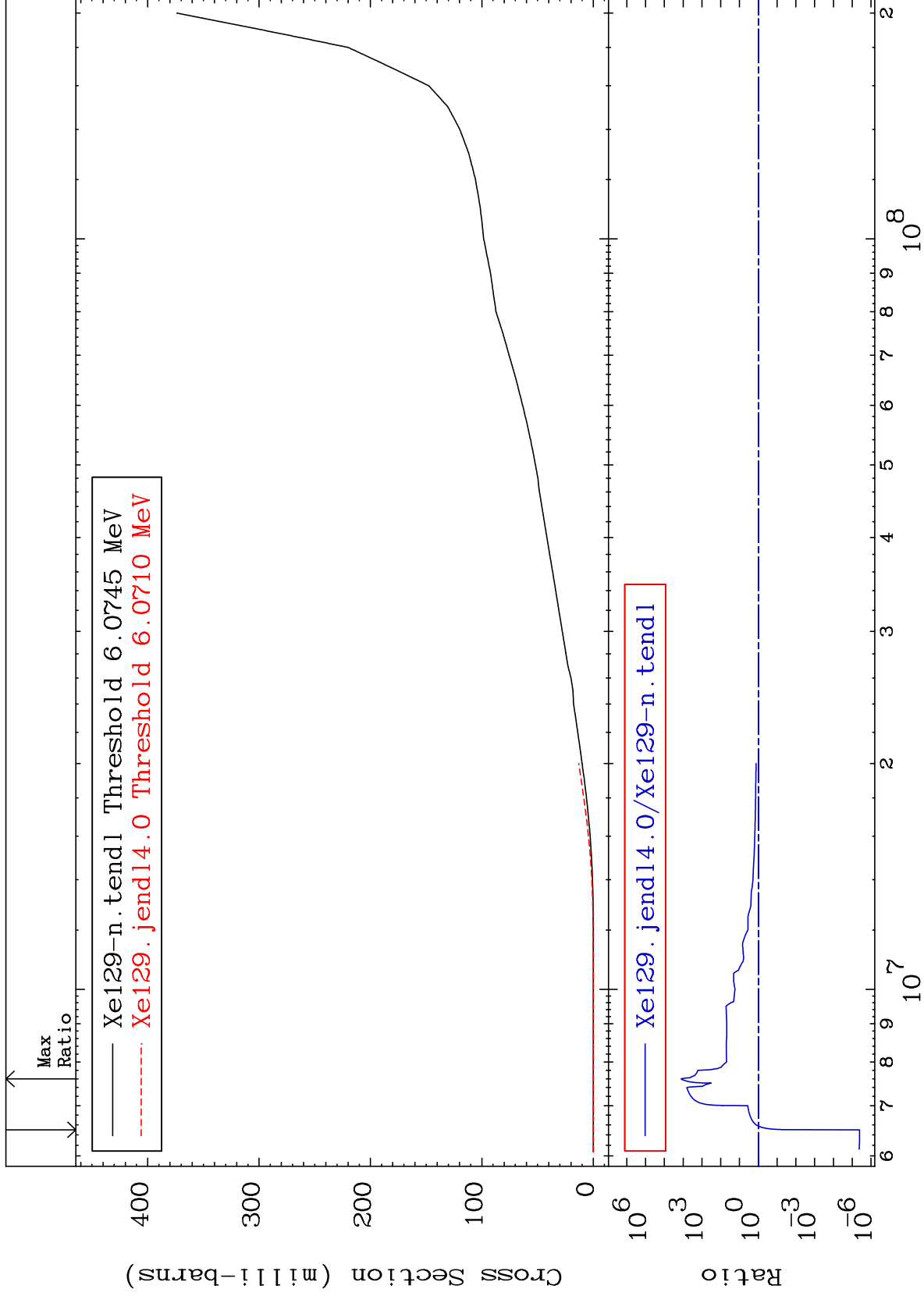
54-Xe-129
-100.0 To 136.0 %



MAT 5440

Deuterium Production
Cross Section

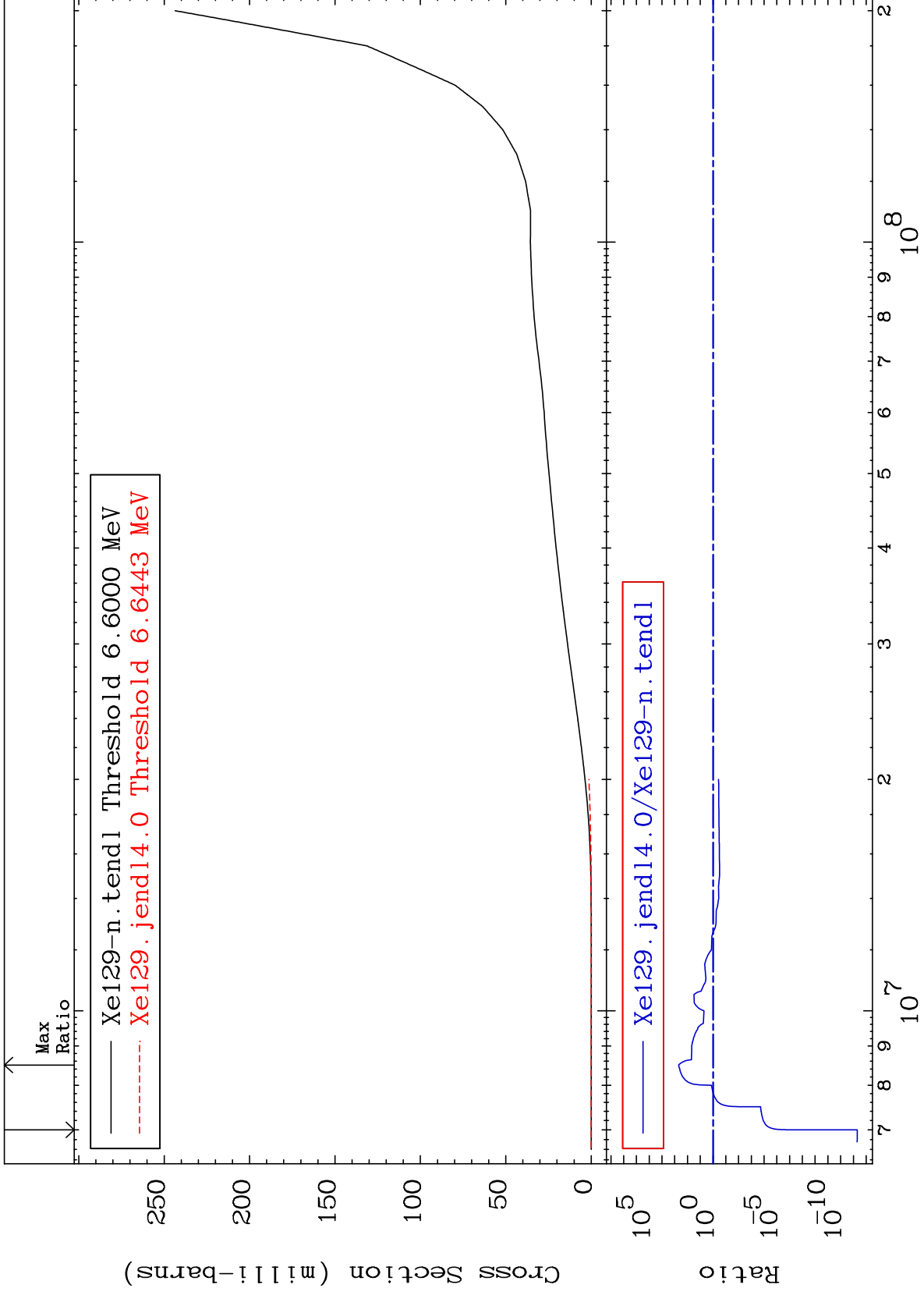
54-Xe-129
-100.0 To 9999. %



MAT 5440

Tritium Production
Cross Section

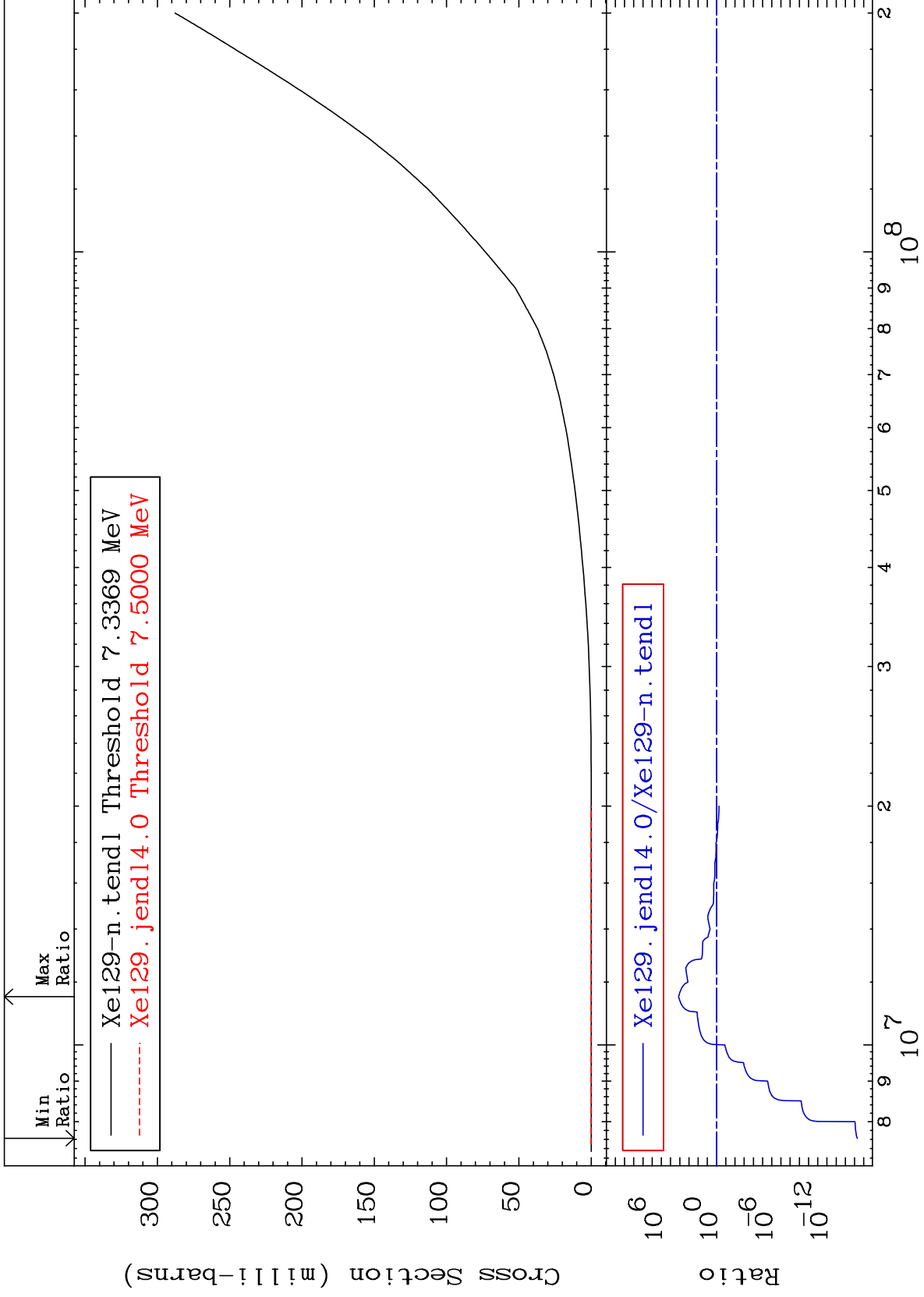
54-Xe-129
-100.0 To 9999. %



MAT 5440

He-3 Production
Cross Section

54-Xe-129
-100.0 To 9999. %



30

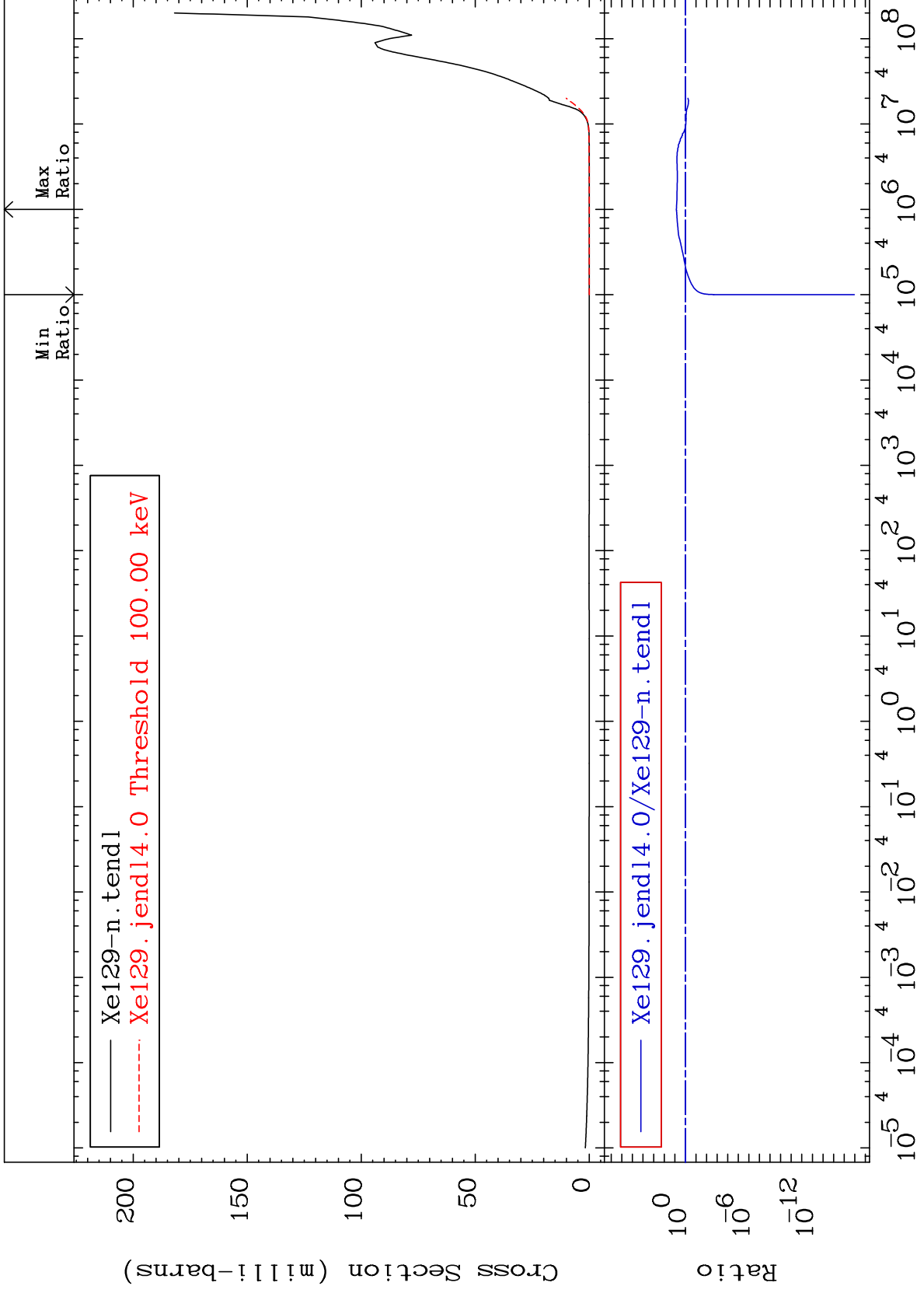
Incident Energy (eV)

54-Xe-129

MAT 5440

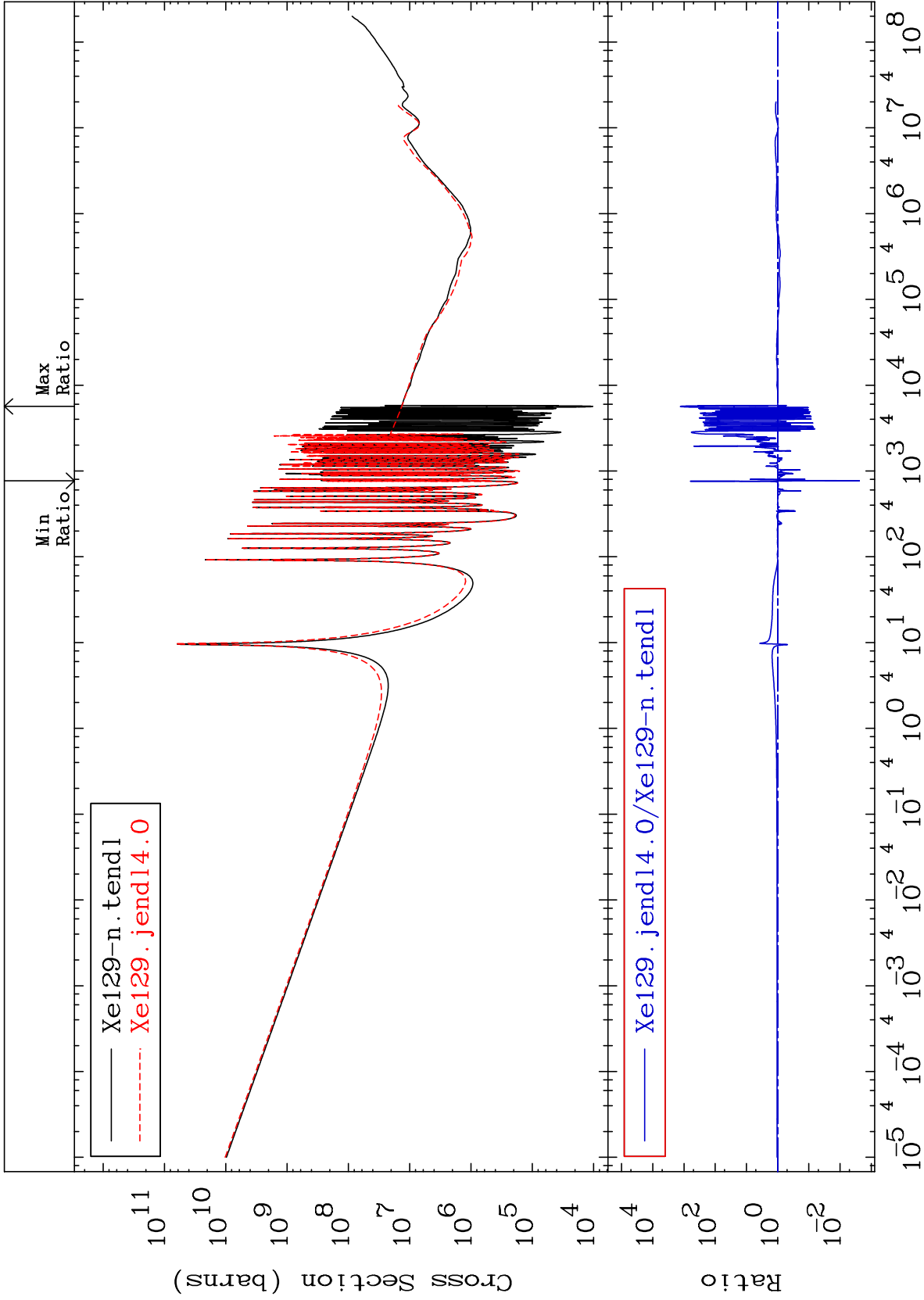
He-4 Production
Cross Section

54-Xe-129
-100.0 To 612.2 %



Cross Section

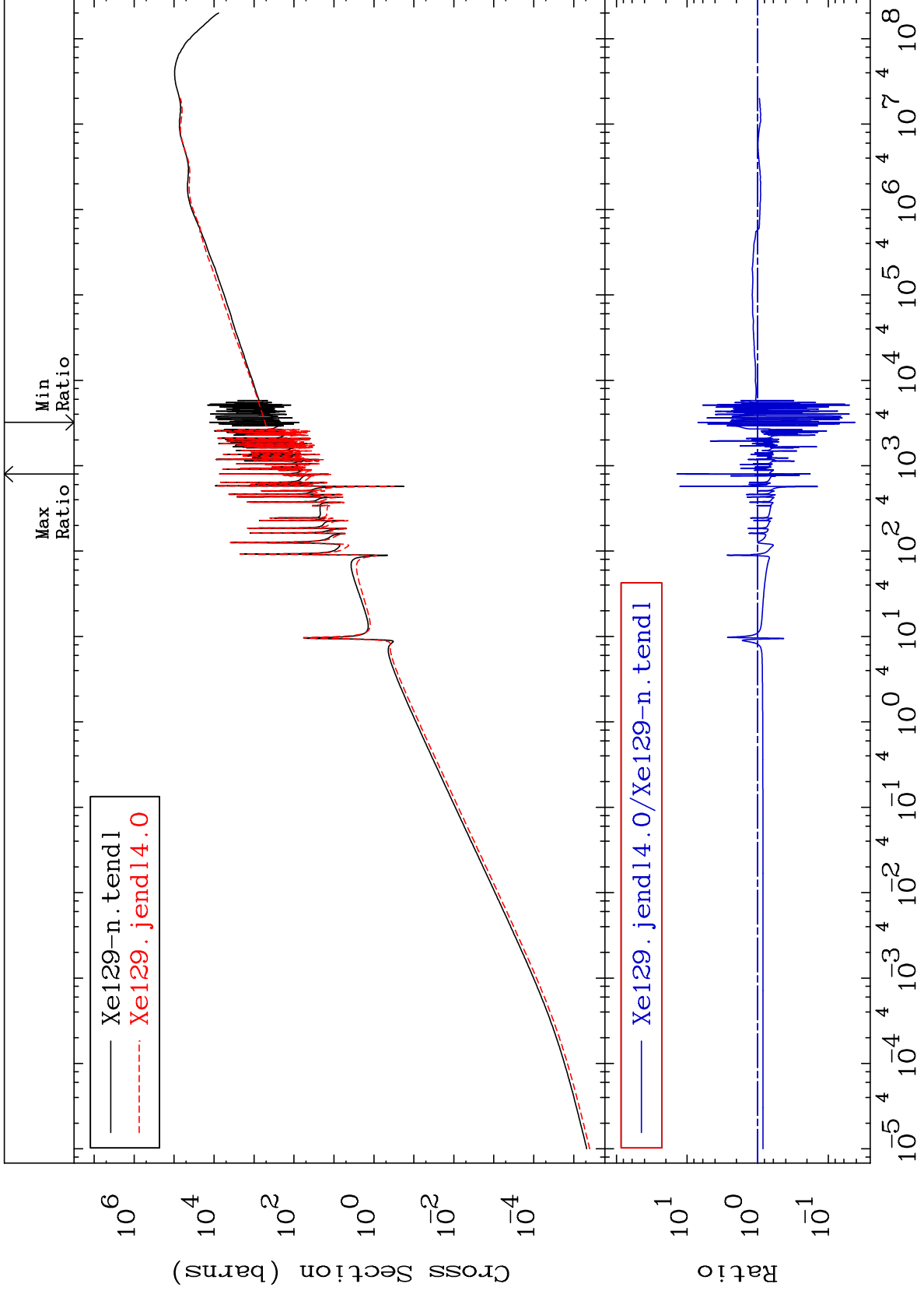
-99.76 To 9999. %

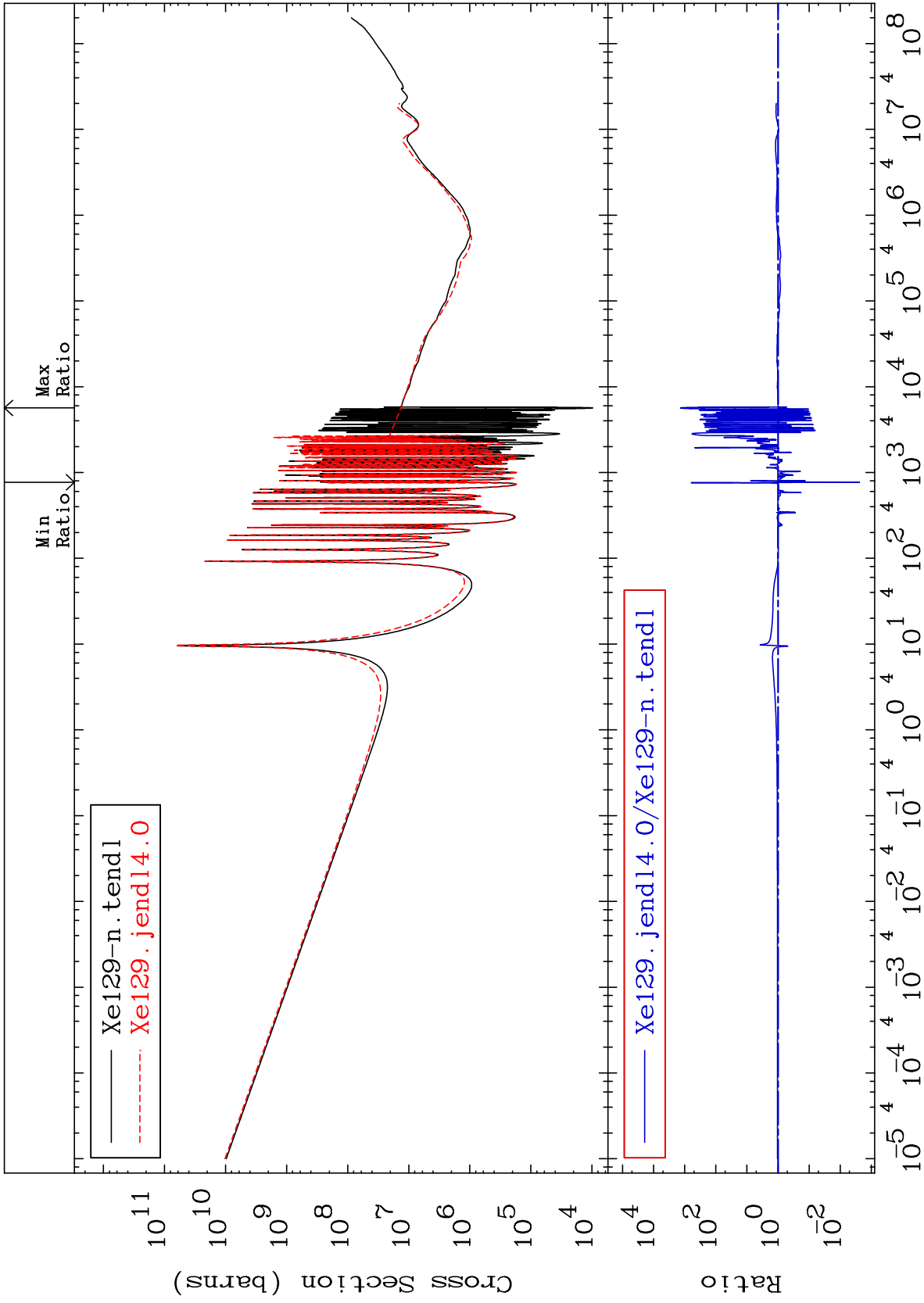


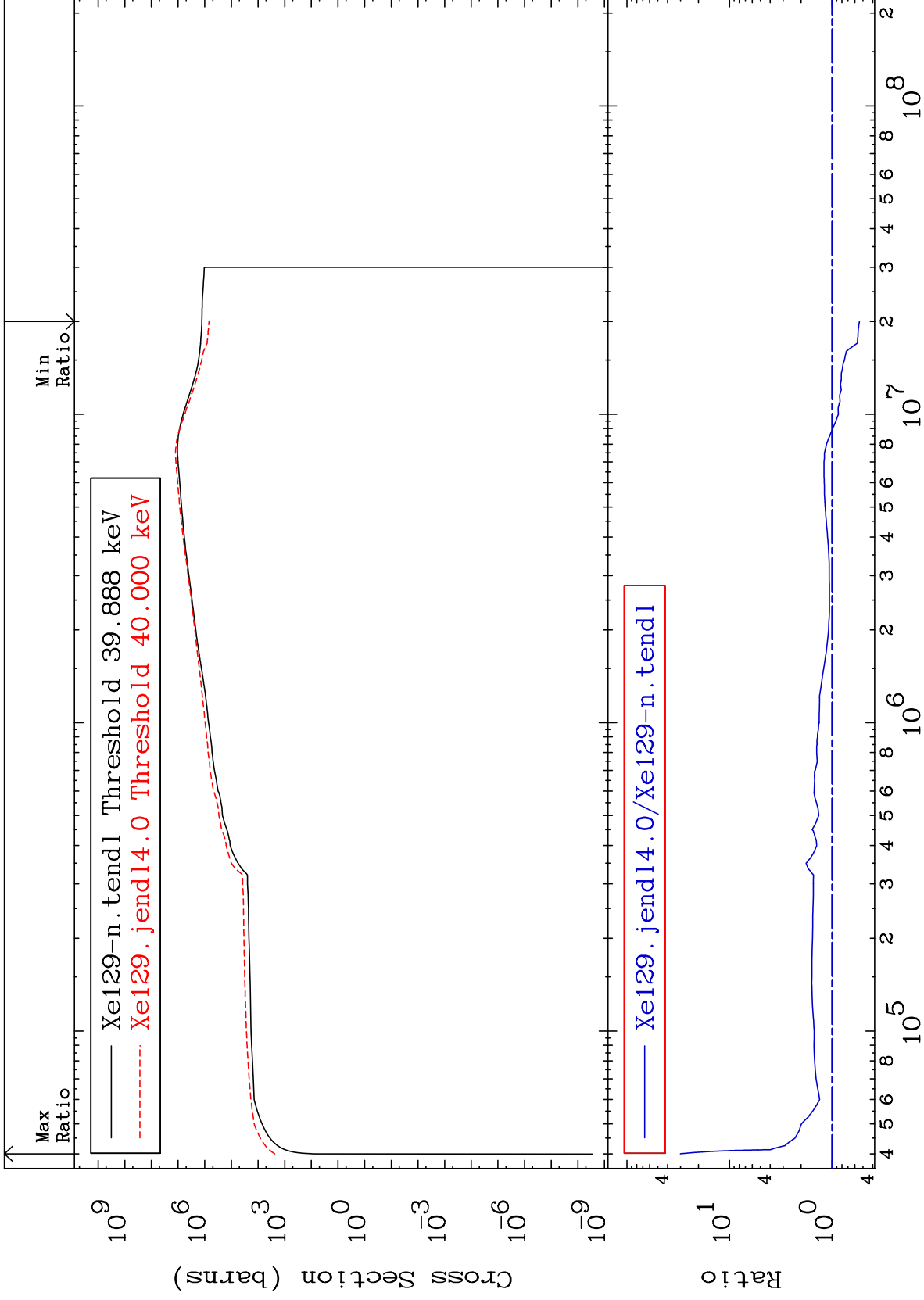
MAT 5440

Kerma elastic
Cross Section

54-Xe-129
-95.83 To 1291. %



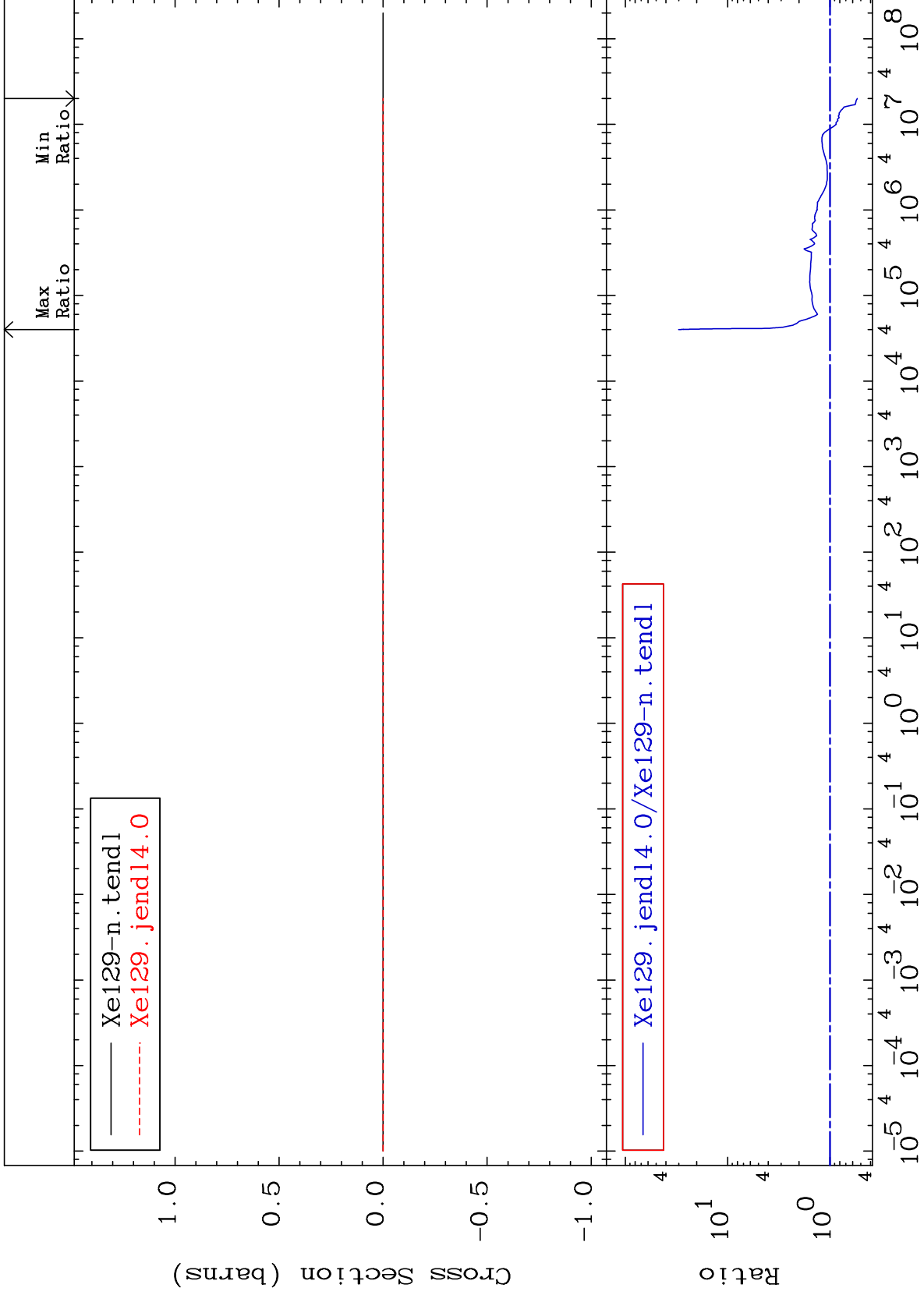


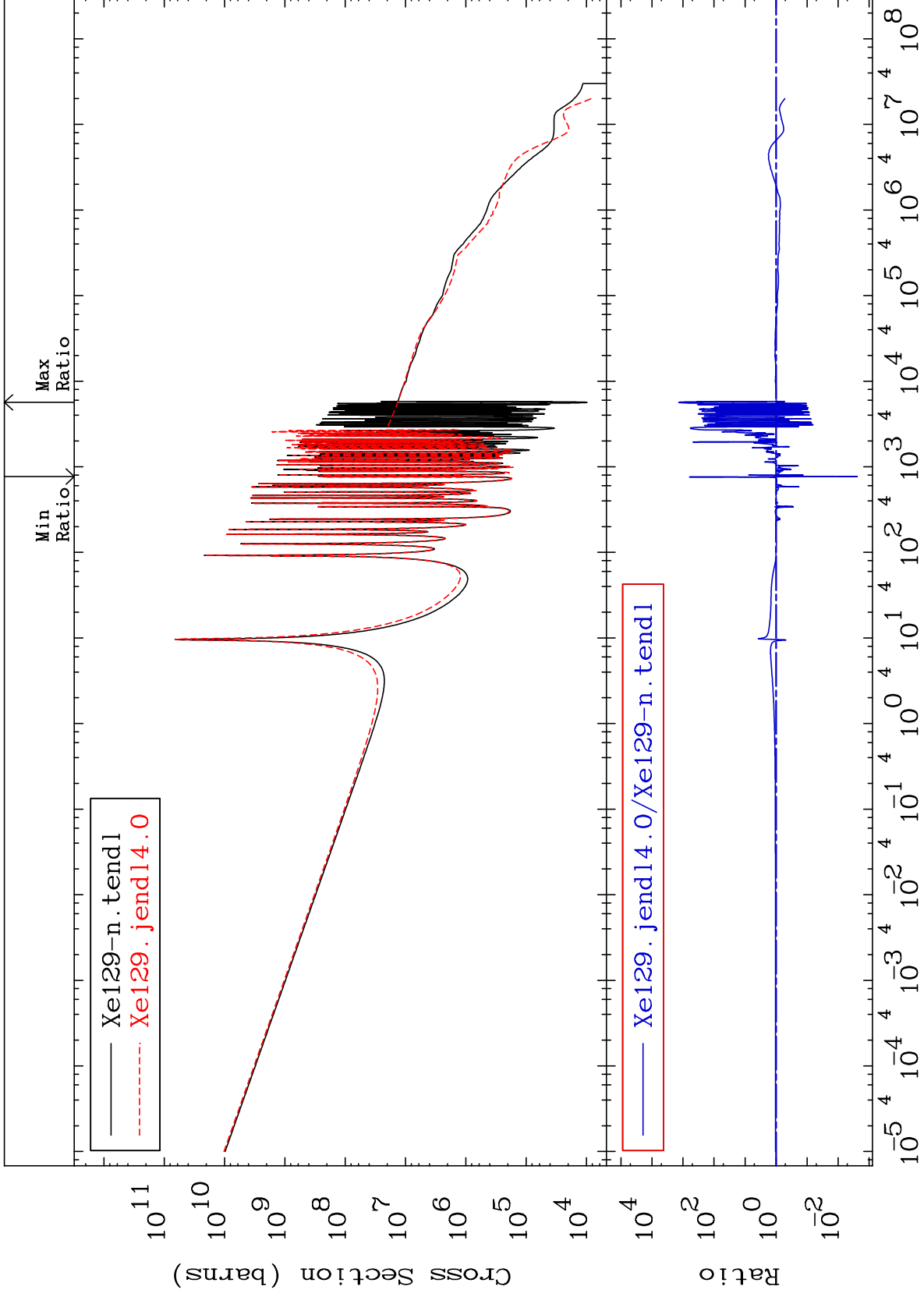


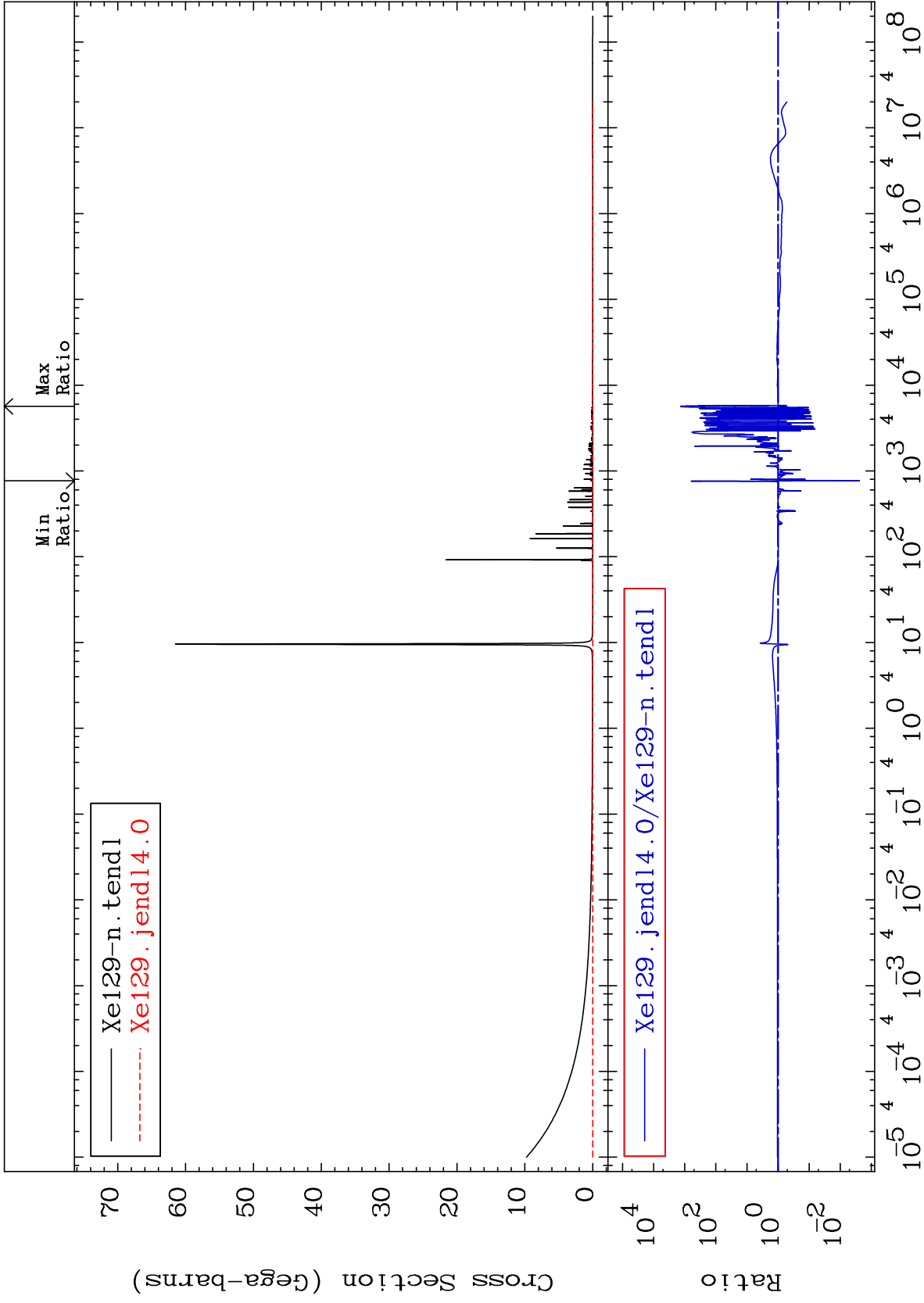
MAT 5440

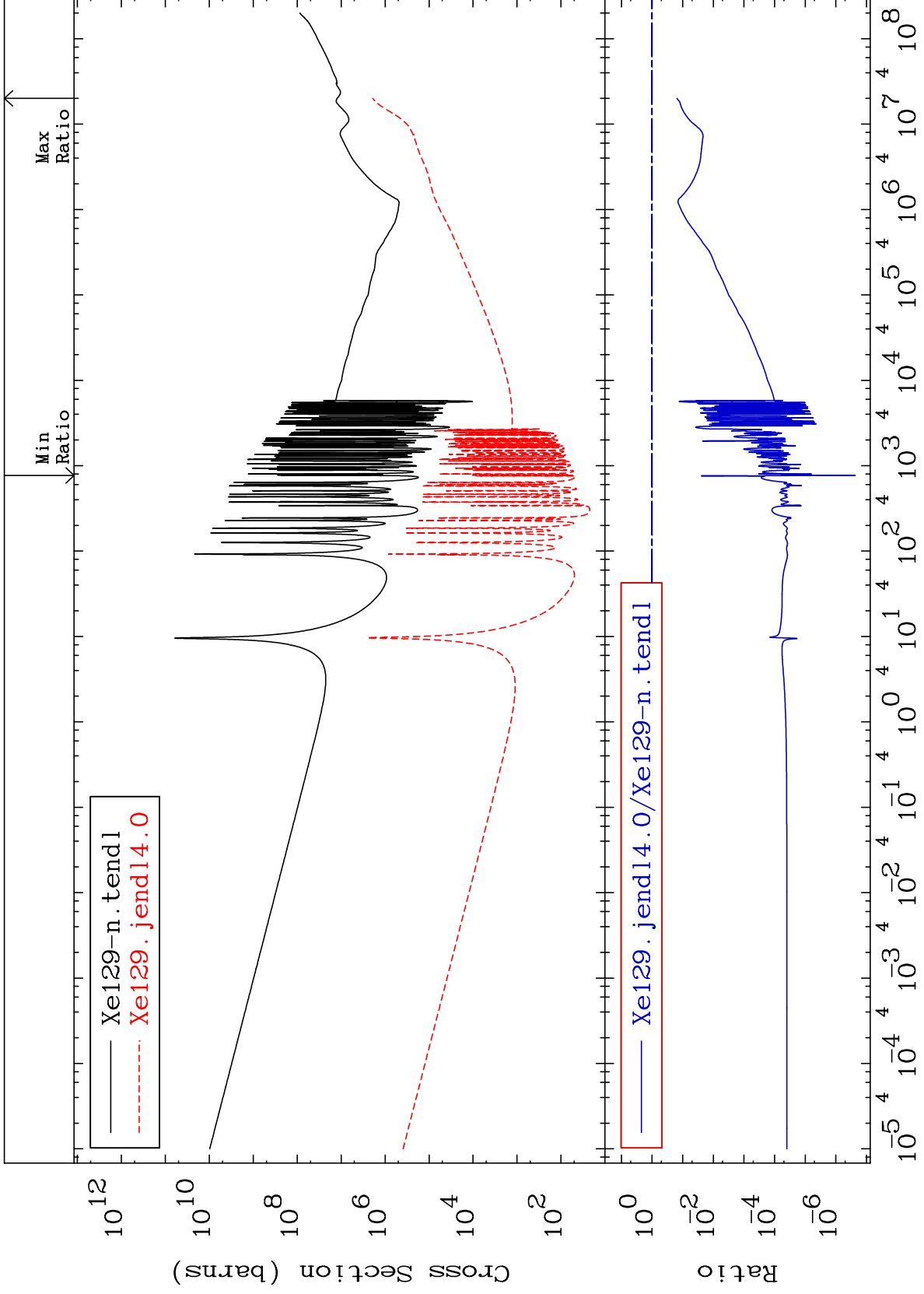
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

54-Xe-129
-45.95 To 2909. %









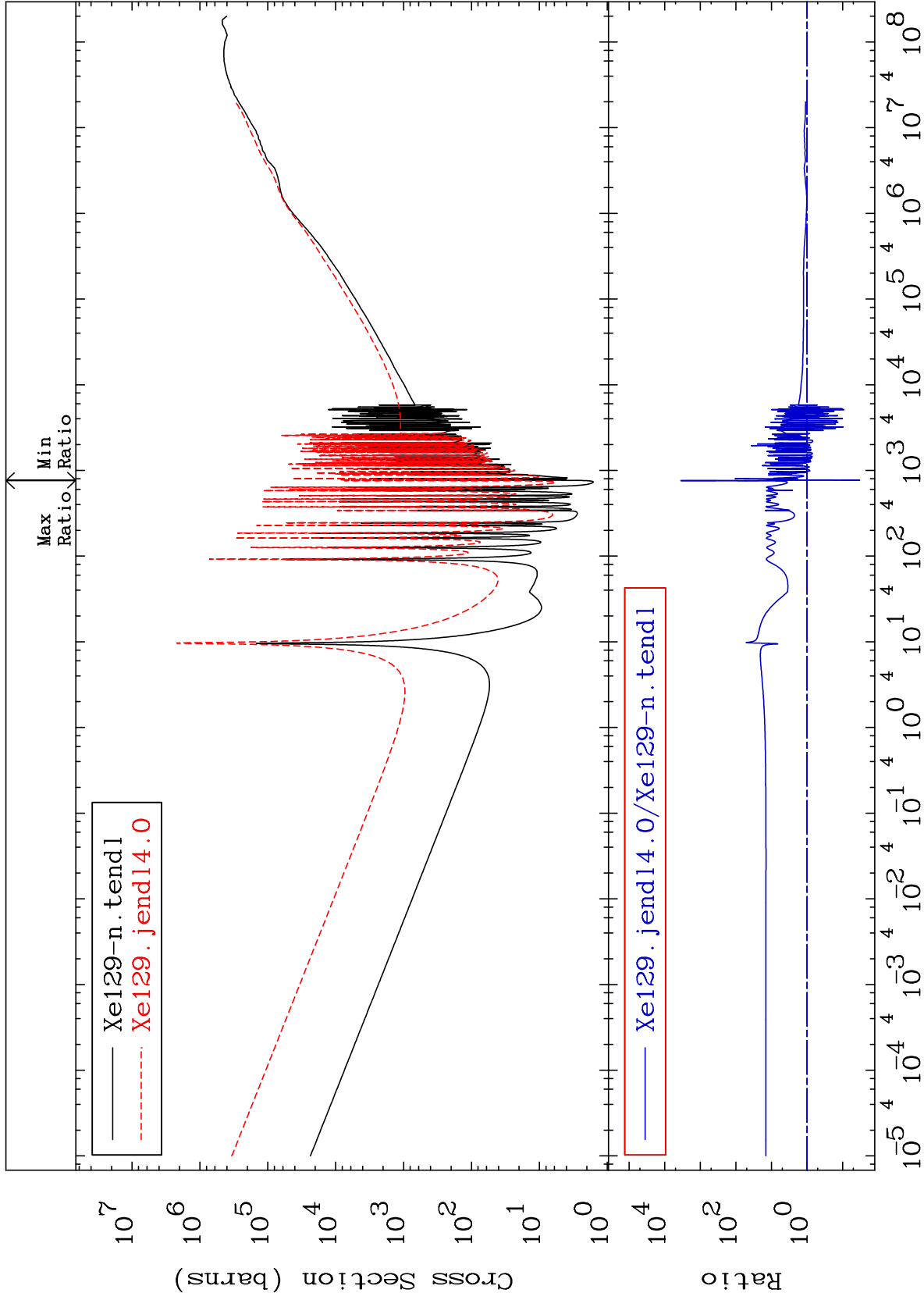
MAT 5440

Dpa total (eV-barns)

54-Xe-129

-96.65 To 9999. %

Cross Section



40

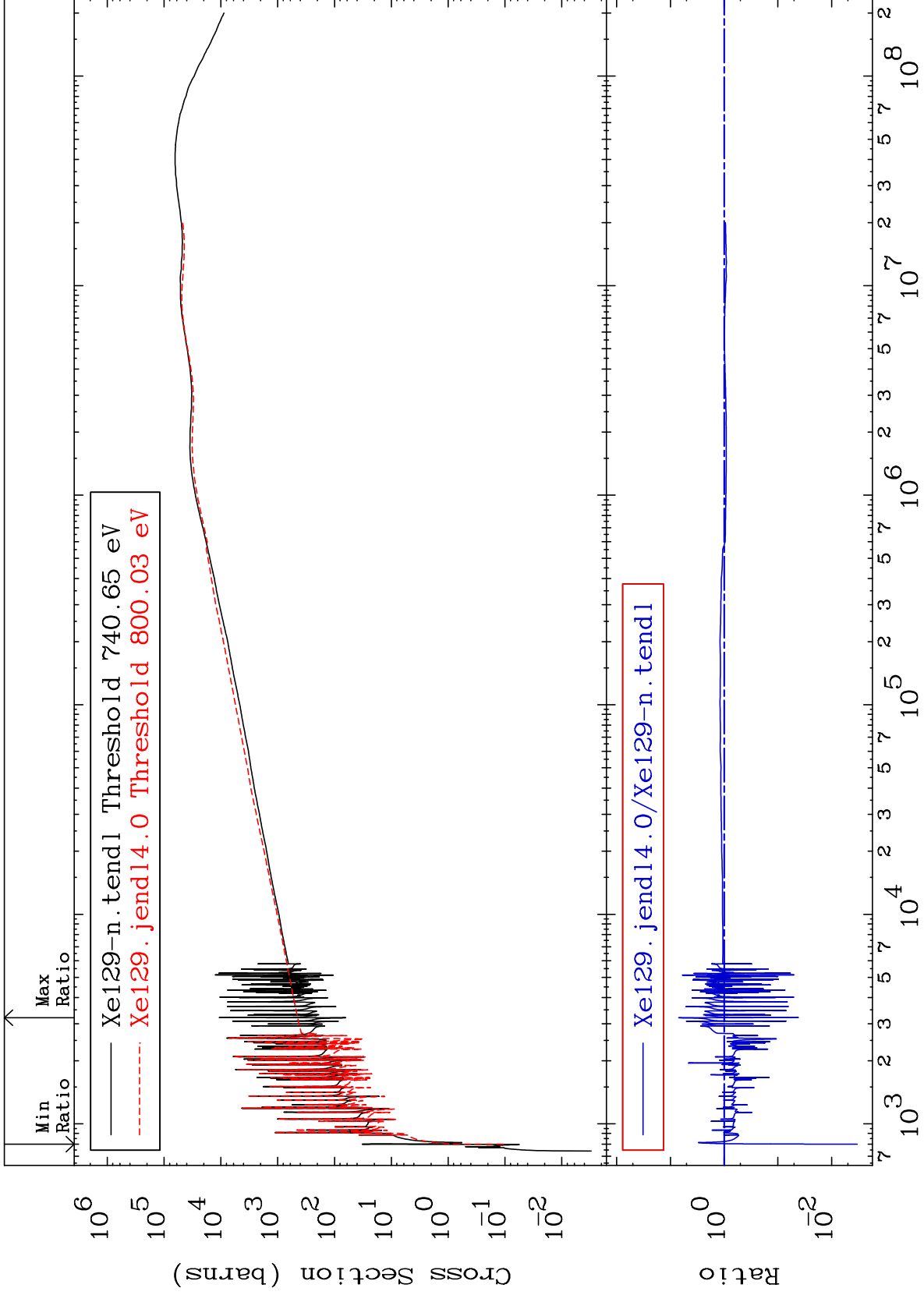
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa elastic (mt2)
Cross Section

54-Xe-129
-99.67 To 602.2 %



41

Incident Energy (eV)

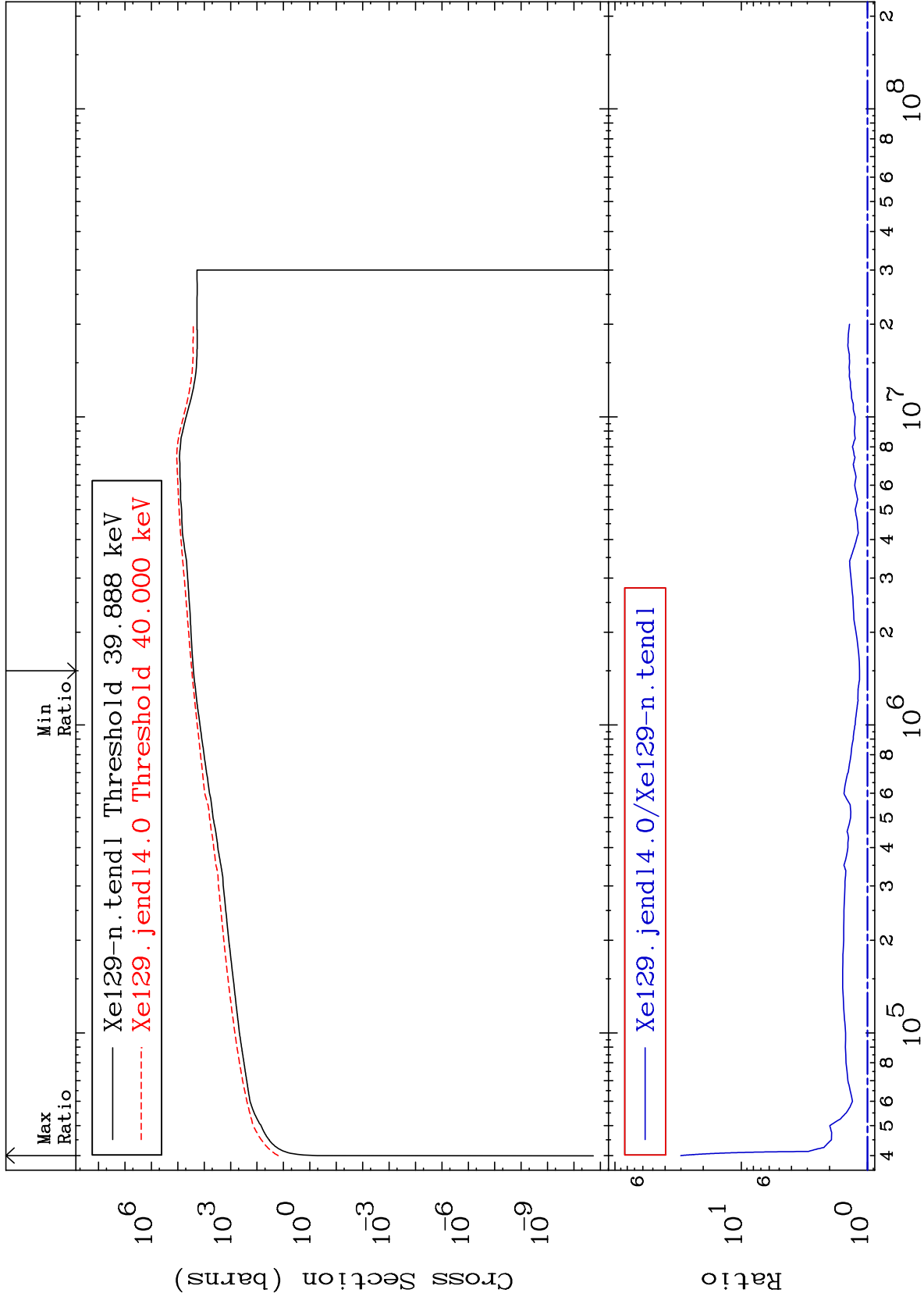
54-Xe-129

MAT 5440

Dpa inelastic (mt51-91)

54-Xe-129

Cross Section
15.68 To 2909. %



MAT 5440

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-129
-96.65 To 9999. %

