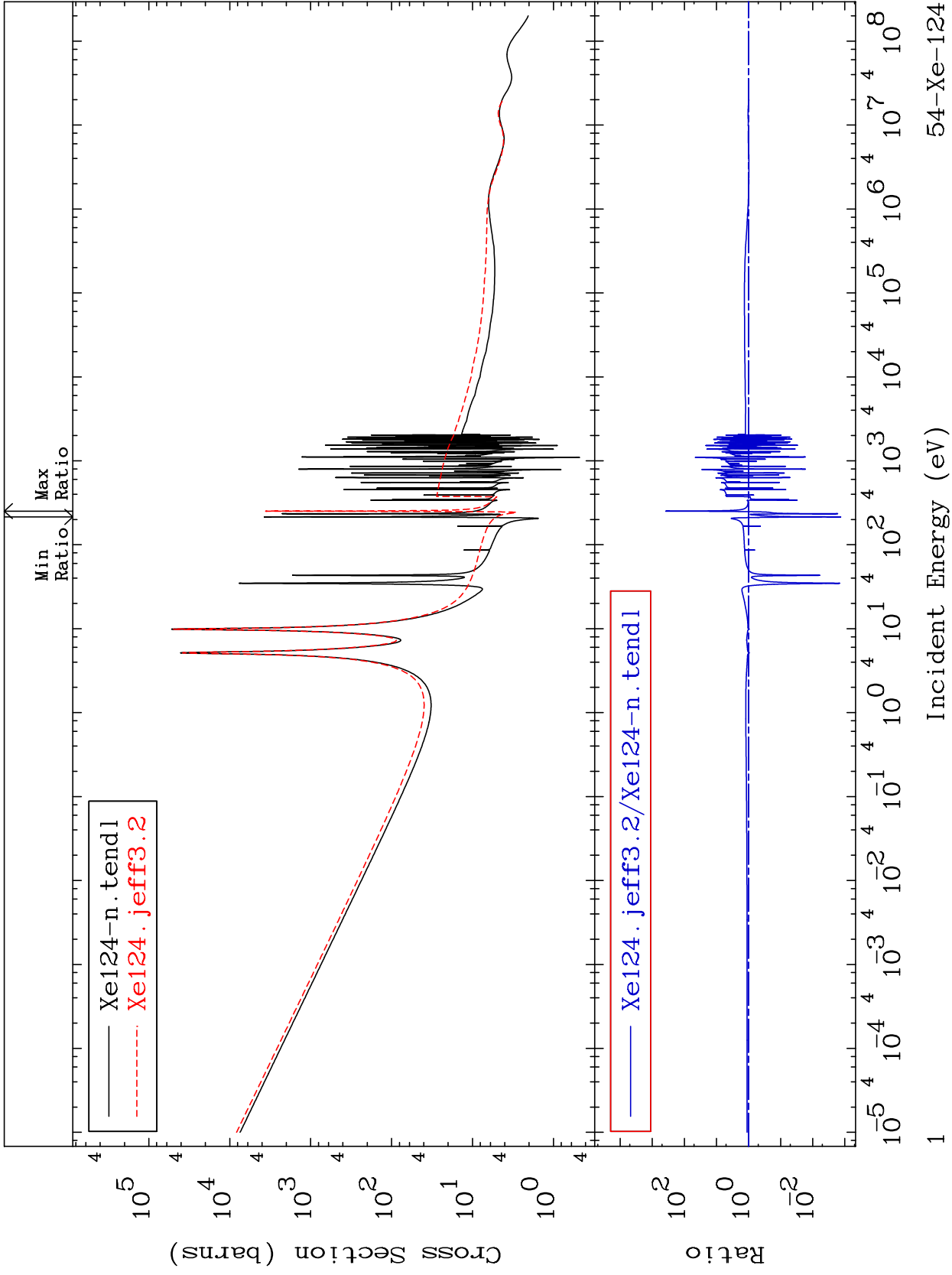


MAT 5425

Total Cross Section
54-Xe-124
-99.87 To 9999. %

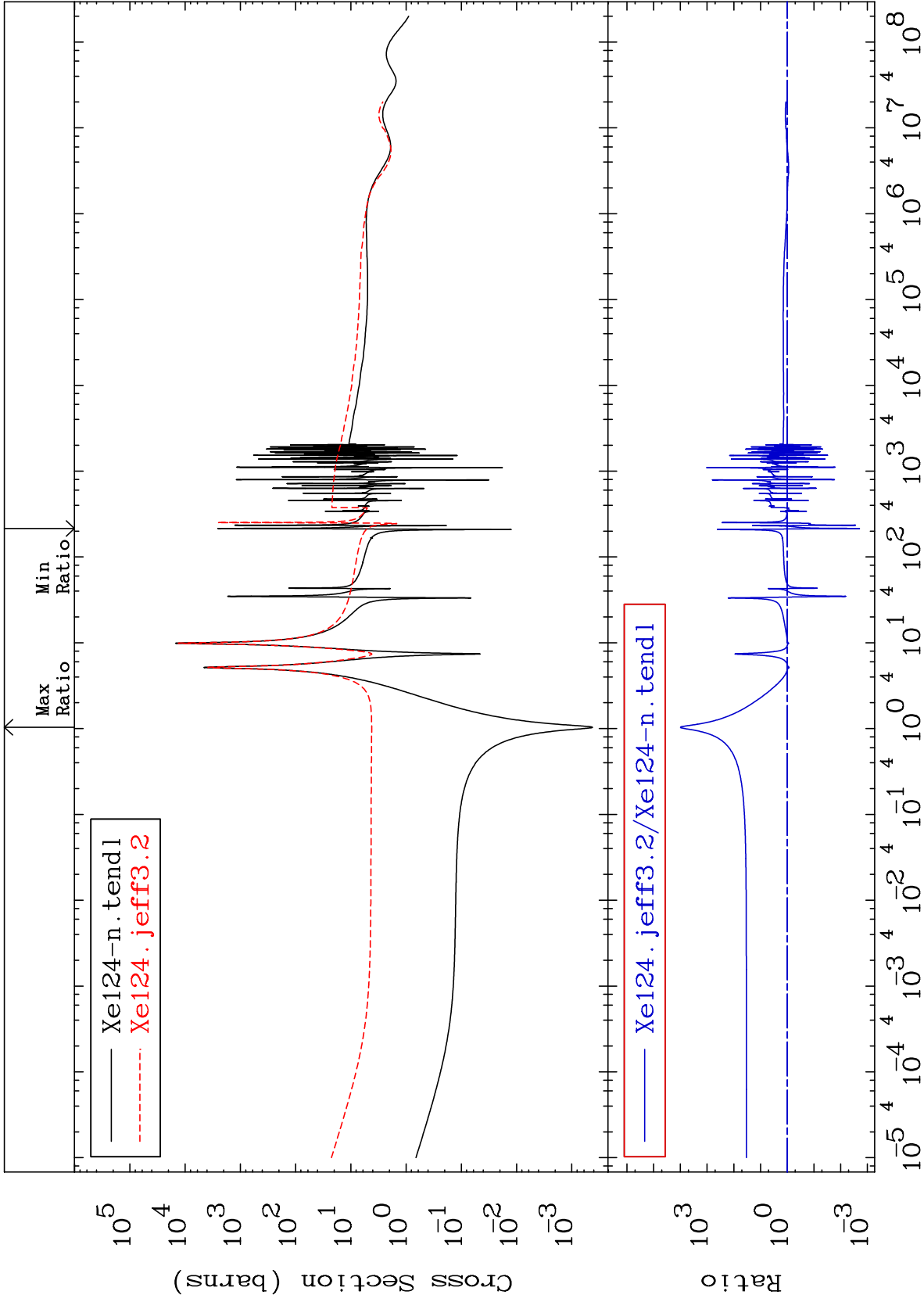


54-Xe-124

MAT 5425

Elastic
Cross Section

54-Xe-124
-99.80 To 9999. %



2

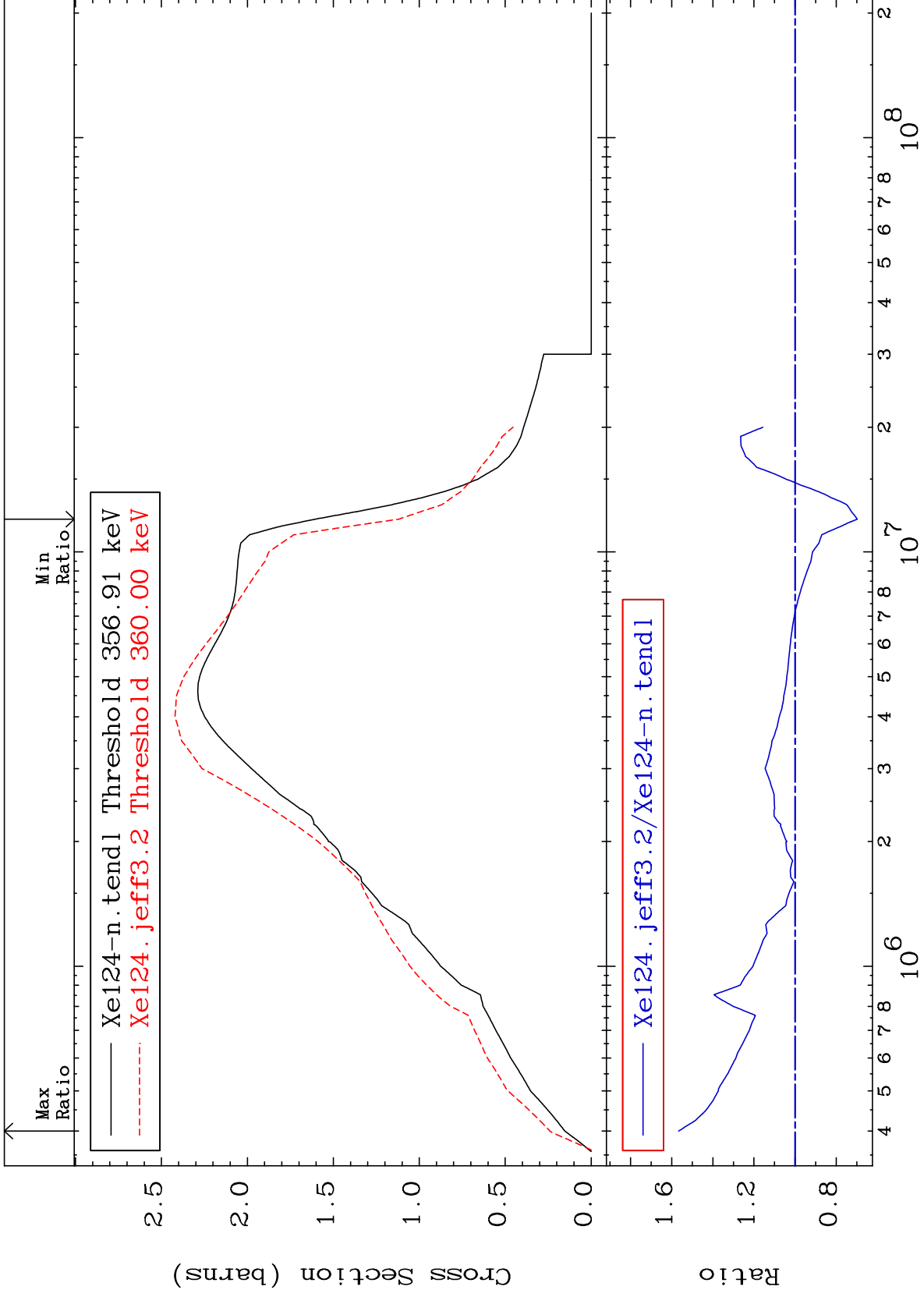
Incident Energy (eV)

54-Xe-124

MAT 5425

Inelastic
Cross Section

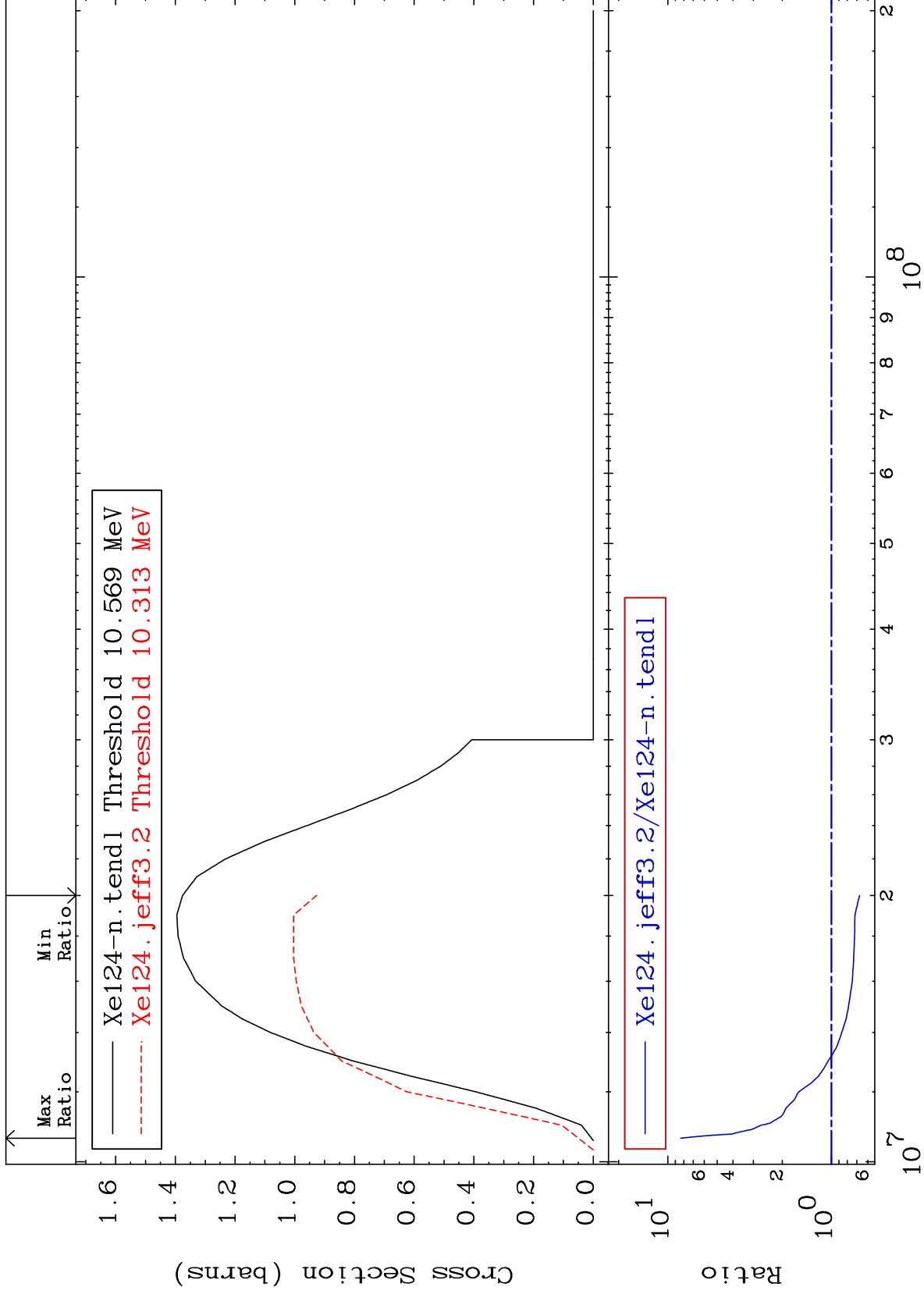
54-Xe-124
-30.23 To 56.64 %



MAT 5425

(n,2n)
Cross Section

54-Xe-124
-32.63 To 734.2 %



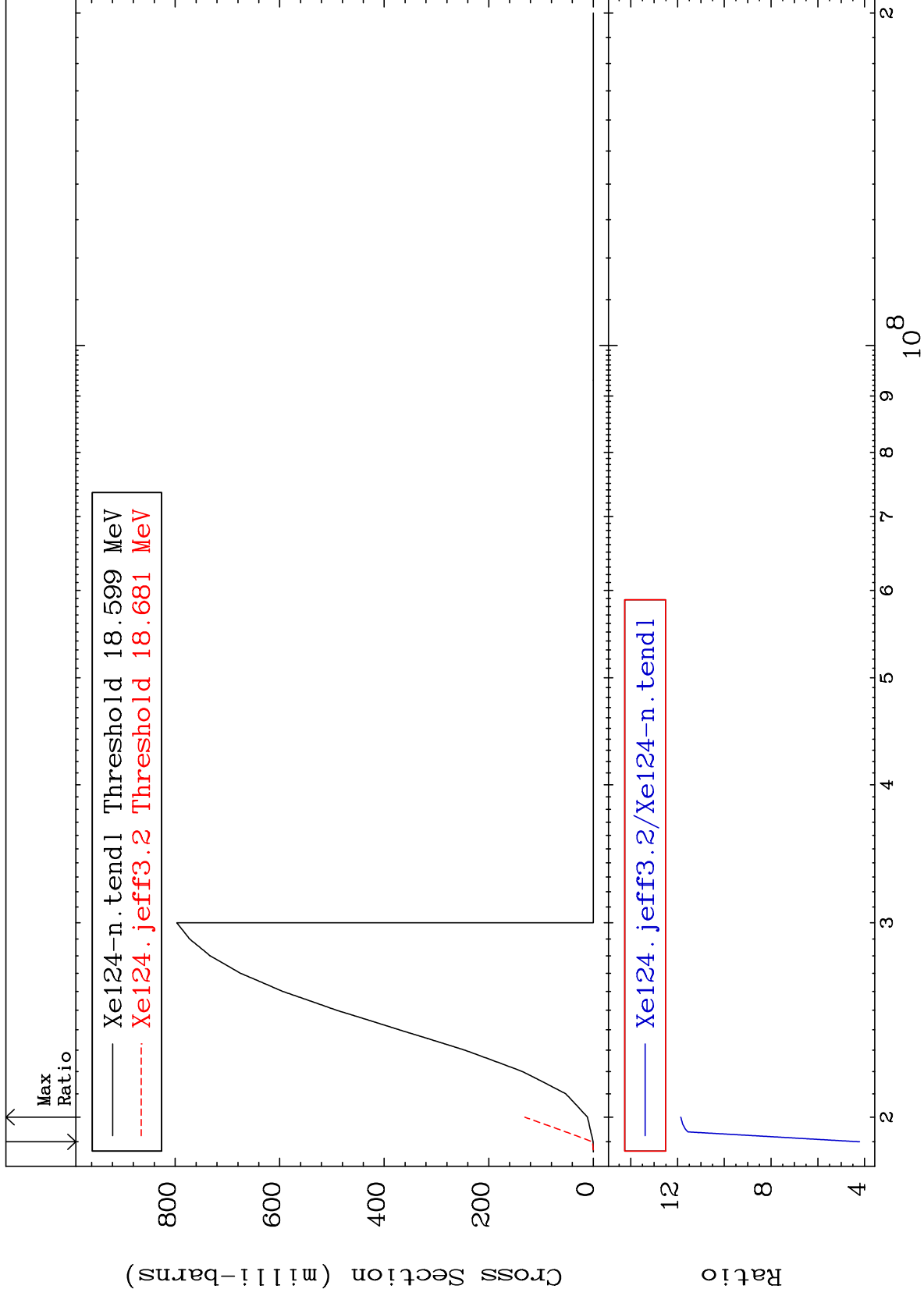
Incident Energy (eV)

54-Xe-124

MAT 5425

(n,3n)
Cross Section

54-Xe-124
321.6 To 1086. %



5

Incident Energy (eV)

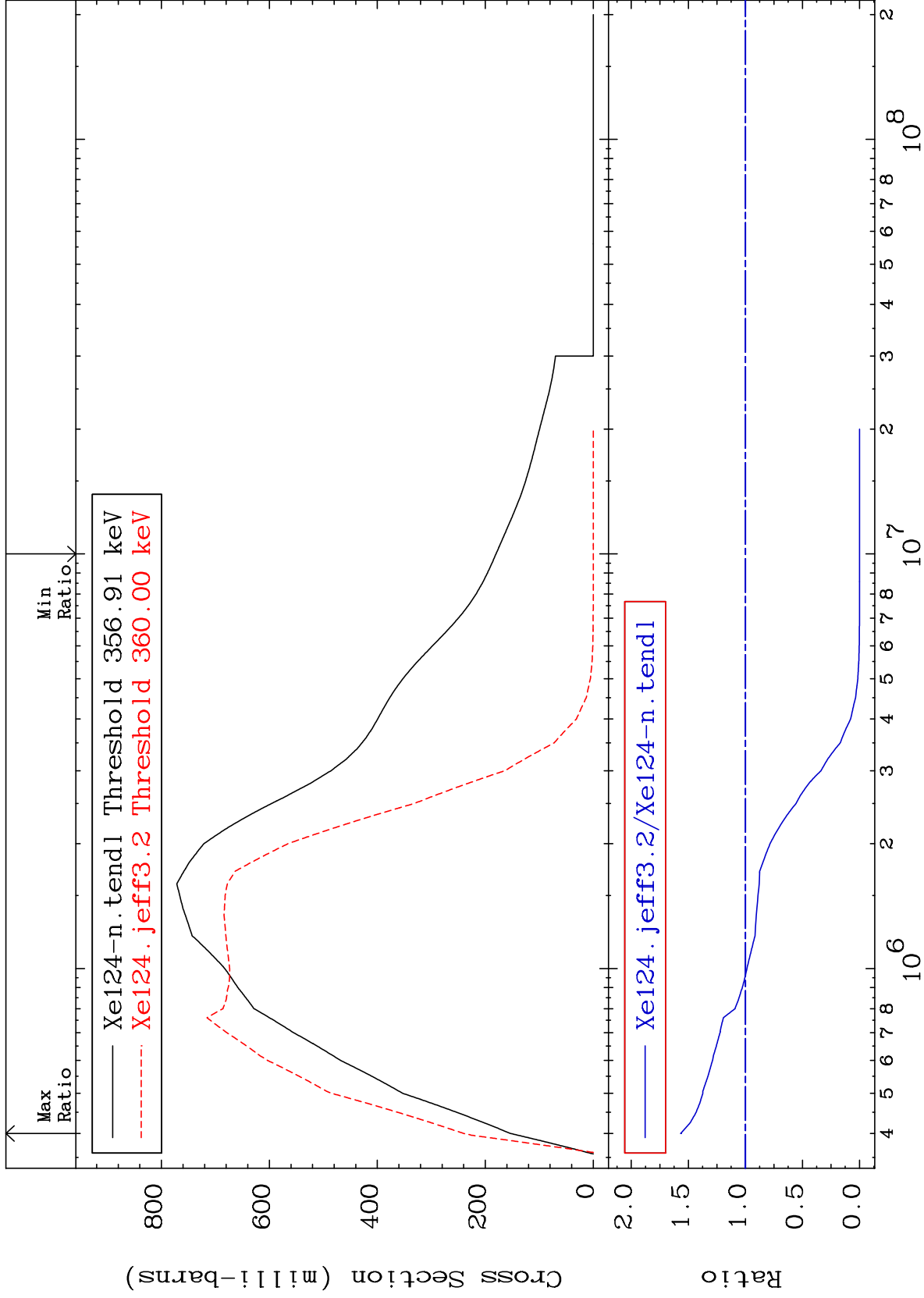
54-Xe-124

MAT 5425

354.0 keV (n,n') Level

54-Xe-124

-100.0 To 56.64 %



6

Incident Energy (eV)

54-Xe-124

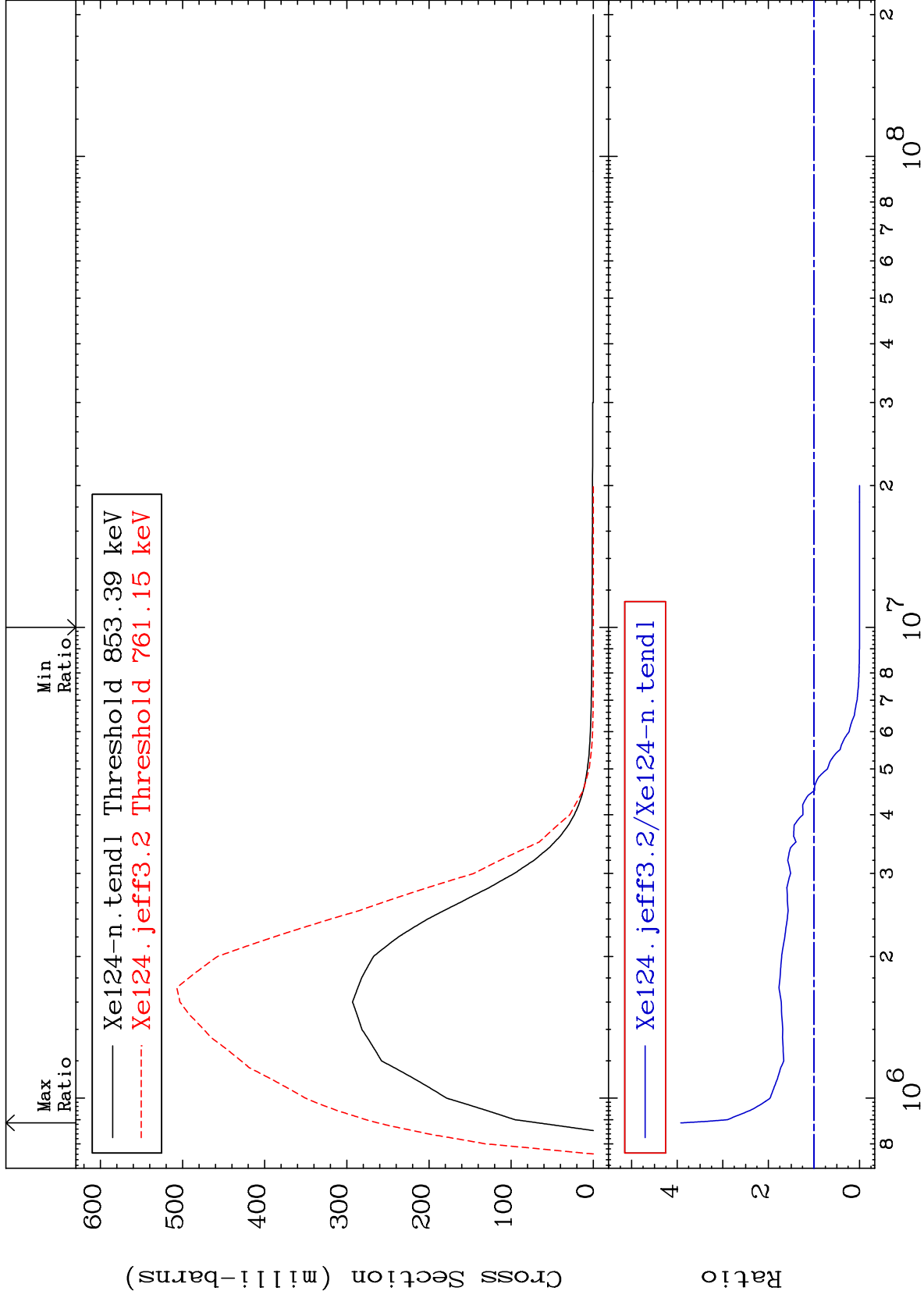
MAT 5425

846.5 keV (n,n') Level

54-Xe-124

-100.0 To 292.3 %

Cross Section



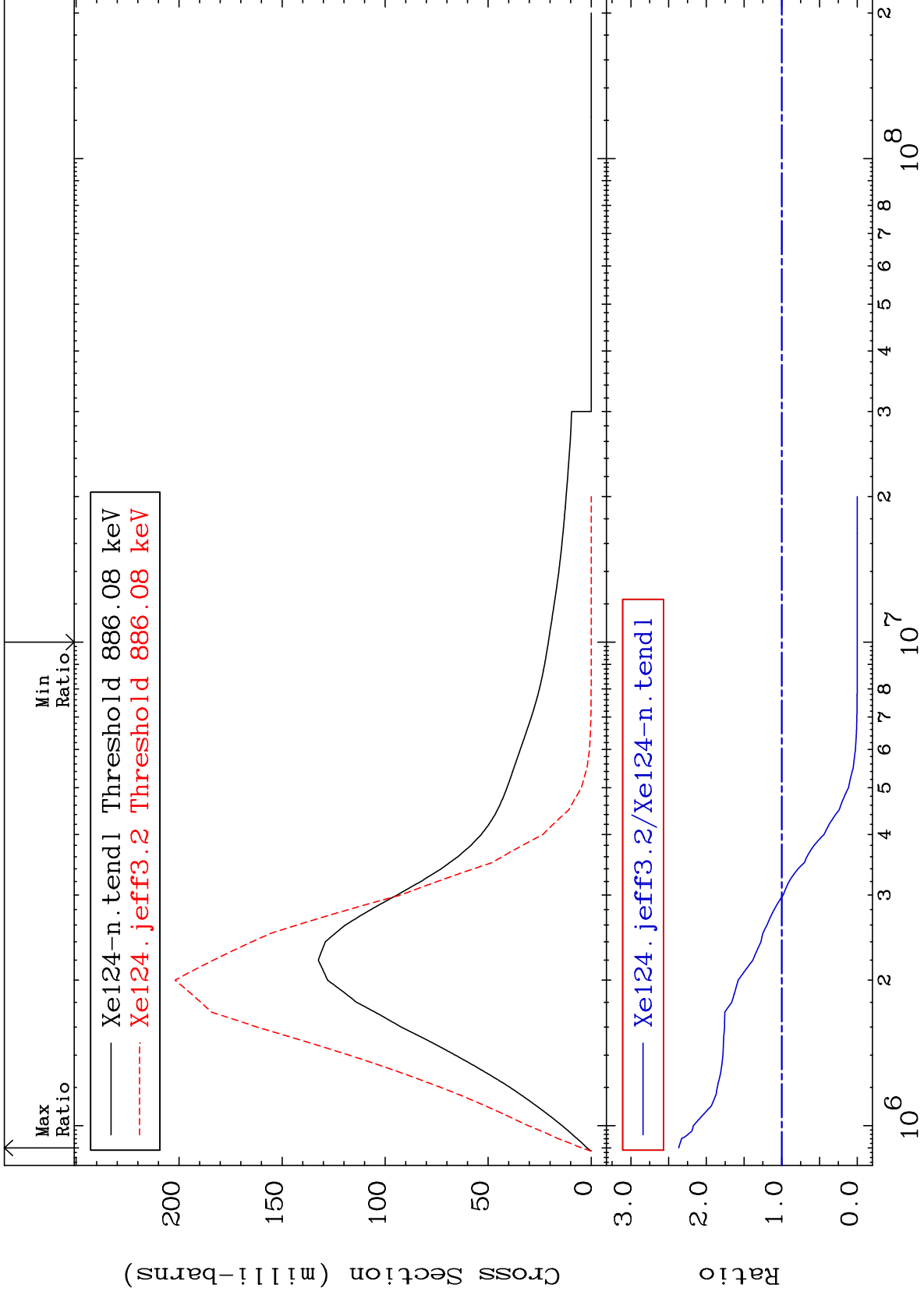
Incident Energy (eV)

54-Xe-124

MAT 5425

878.9 keV (n,n') Level
Cross Section

54-Xe-124
-100.0 To 136.7 %



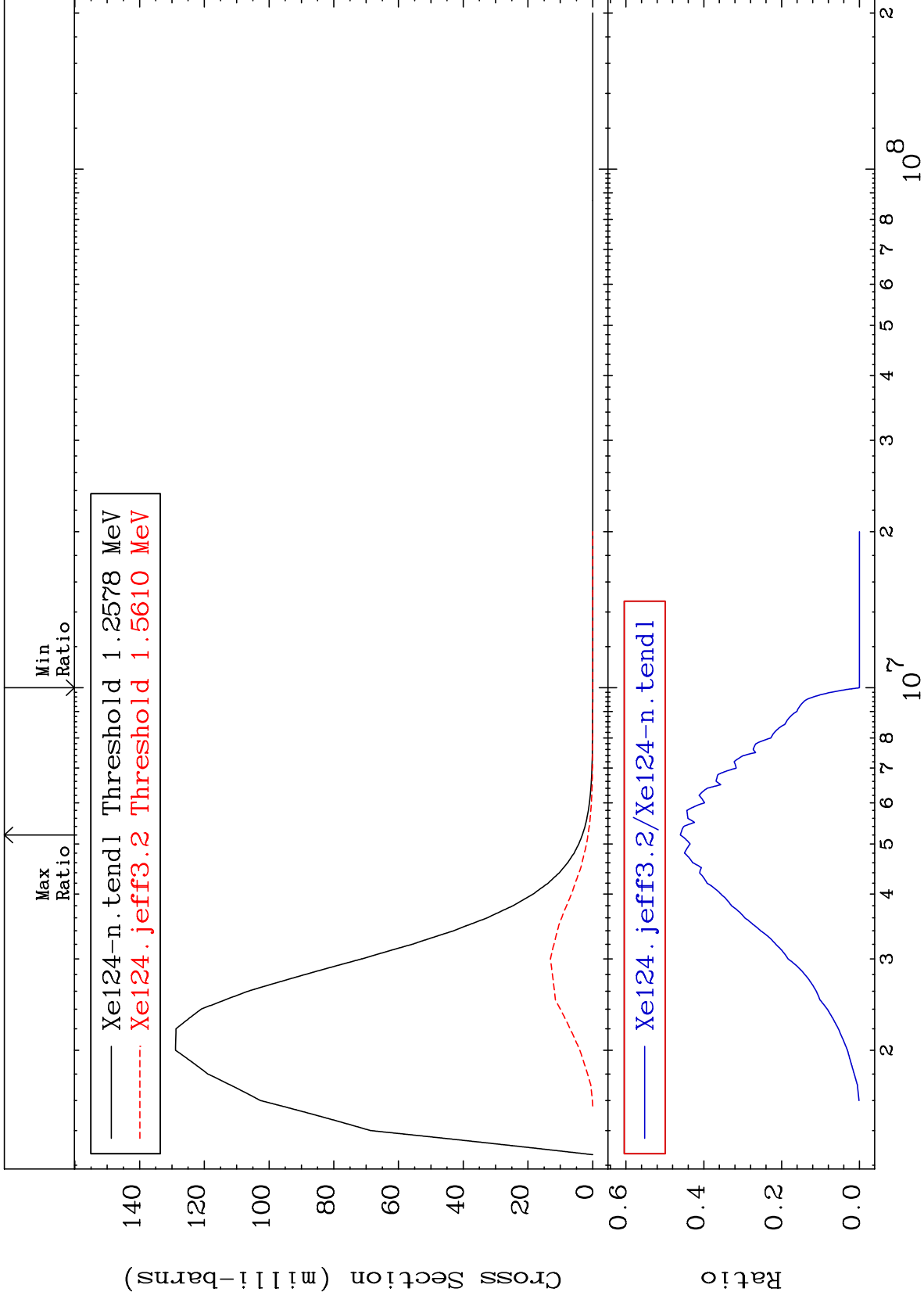
Incident Energy (eV)

54-Xe-124

MAT 5425

1.248 MeV (n,n') Level
Cross Section

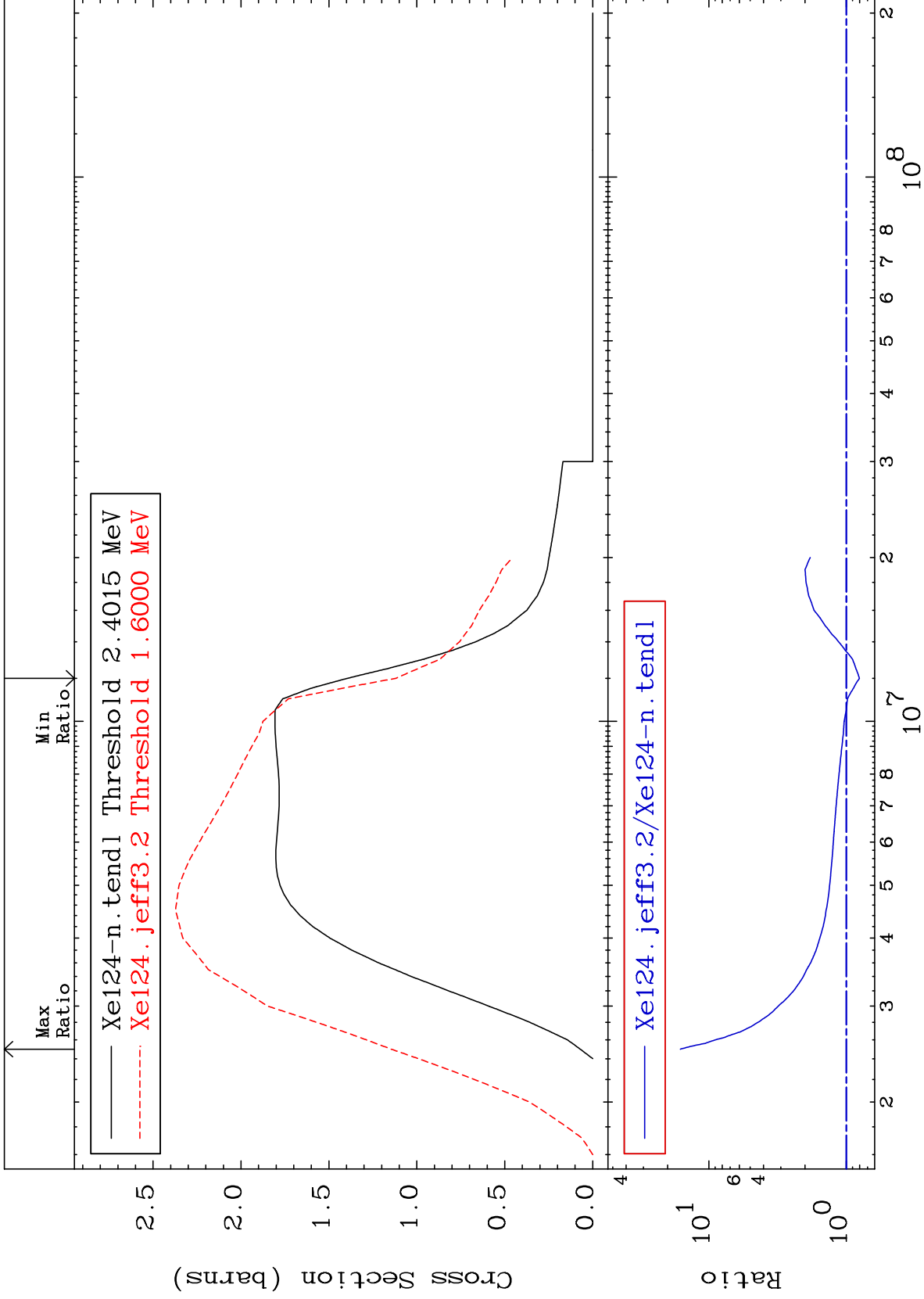
54-Xe-124
-100.0 To -53.97%



MAT 5425

(n, n') Continuum
Cross Section

54-Xe-124
-19.71 To 1513. %



10

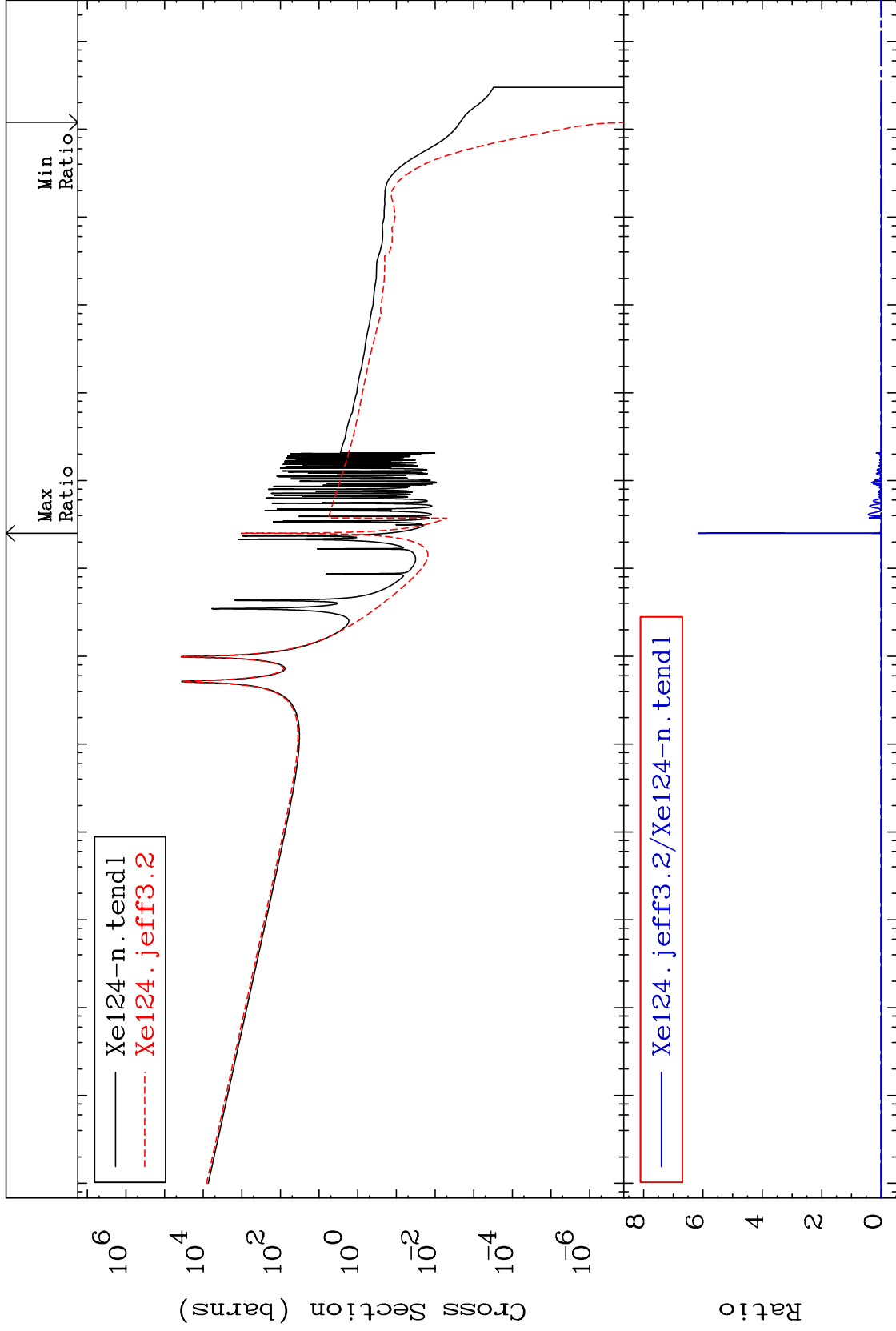
Incident Energy (eV)

54-Xe-124

MAT 5425

54-Xe-124

(n, γ)
Cross Section
-100.0 To 9999. %



11

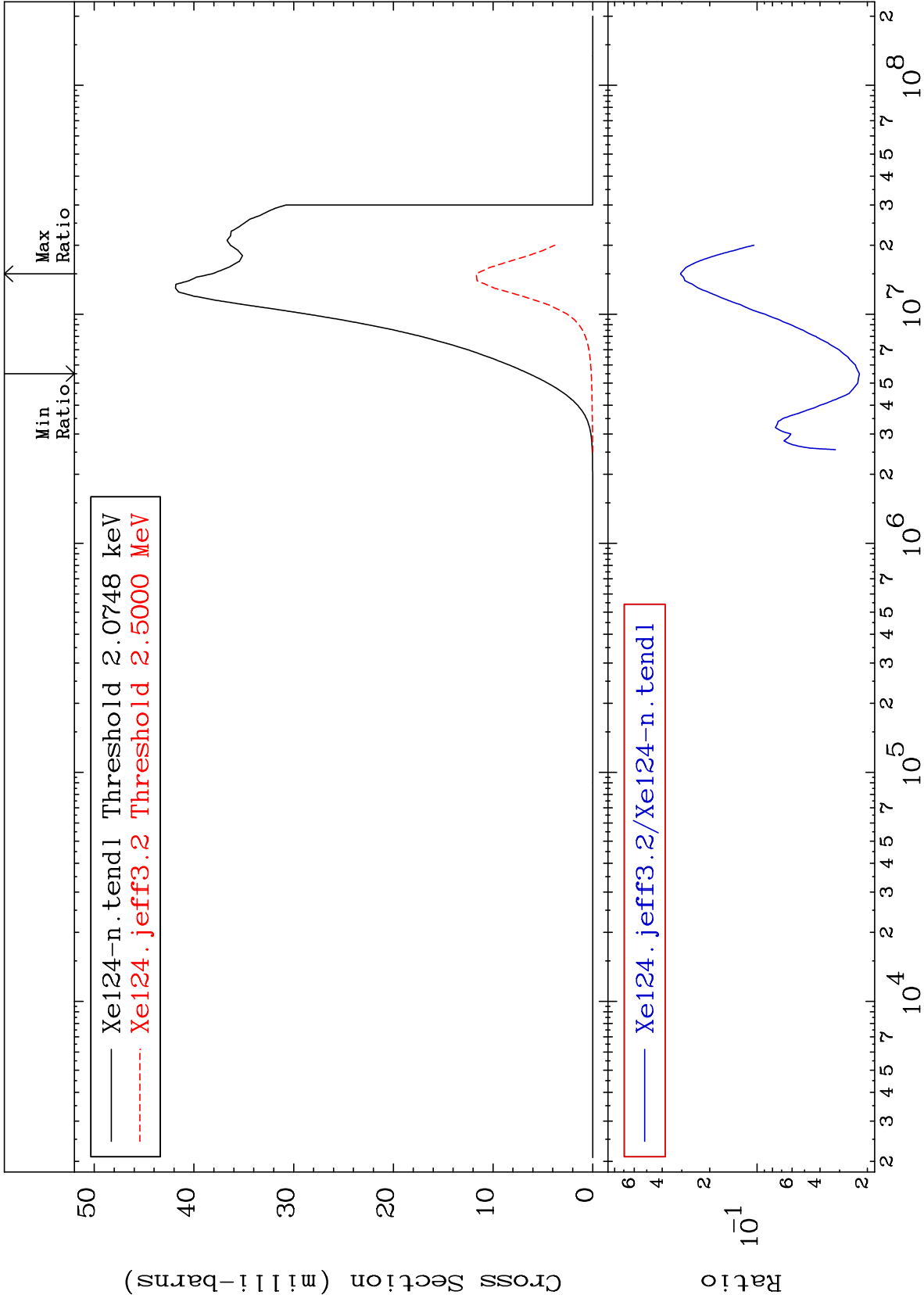
Incident Energy (eV)

54-Xe-124

MAT 5425

(n, p)
Cross Section

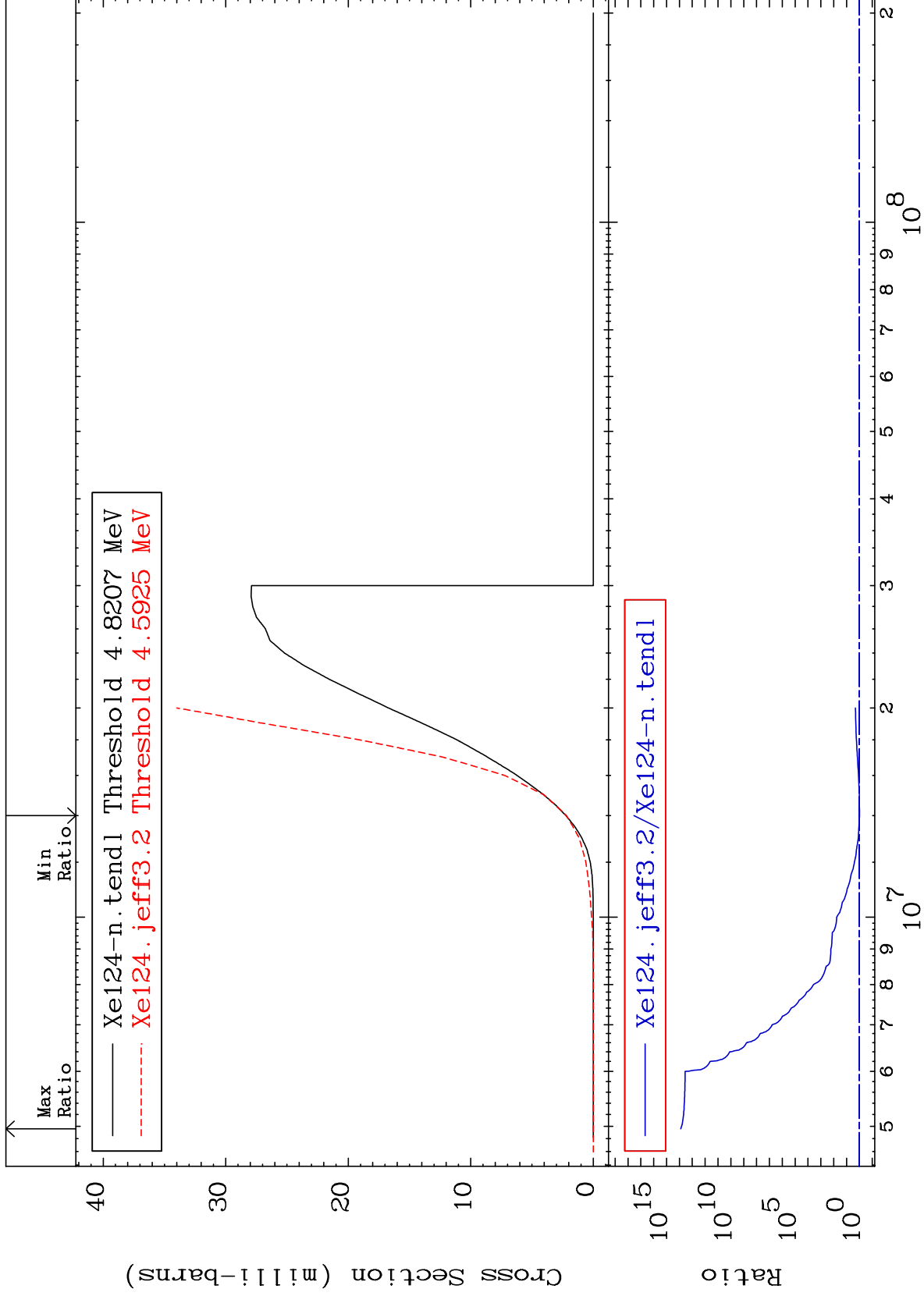
54-Xe-124
-97.75 To -69.35%



MAT 5425

(n, d)
Cross Section

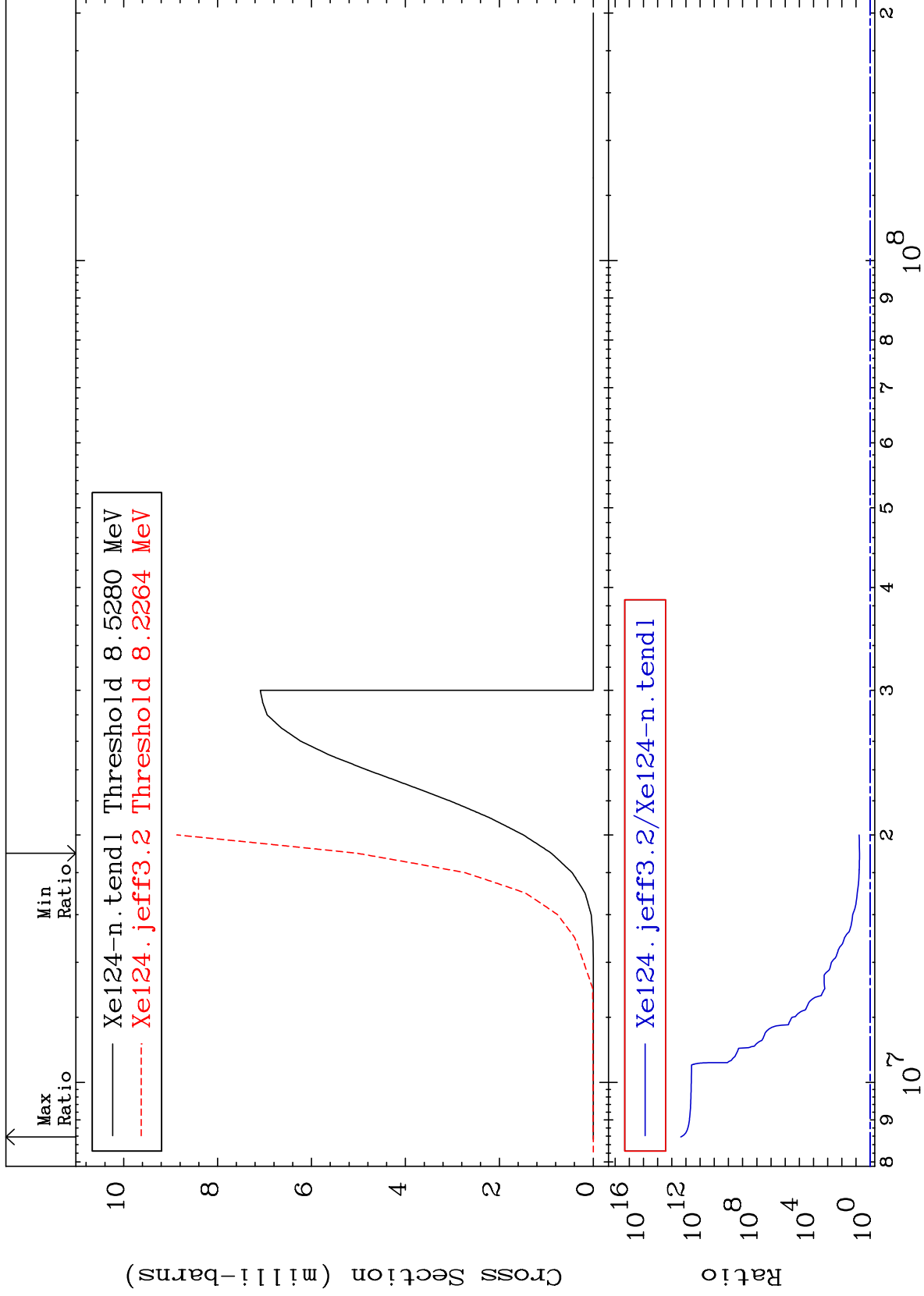
54-Xe-124
-2.086 To 9999. %



MAT 5425

(n, t)
Cross Section

54-Xe-124
463.4 To 9999. %



14

Incident Energy (eV)

54-Xe-124

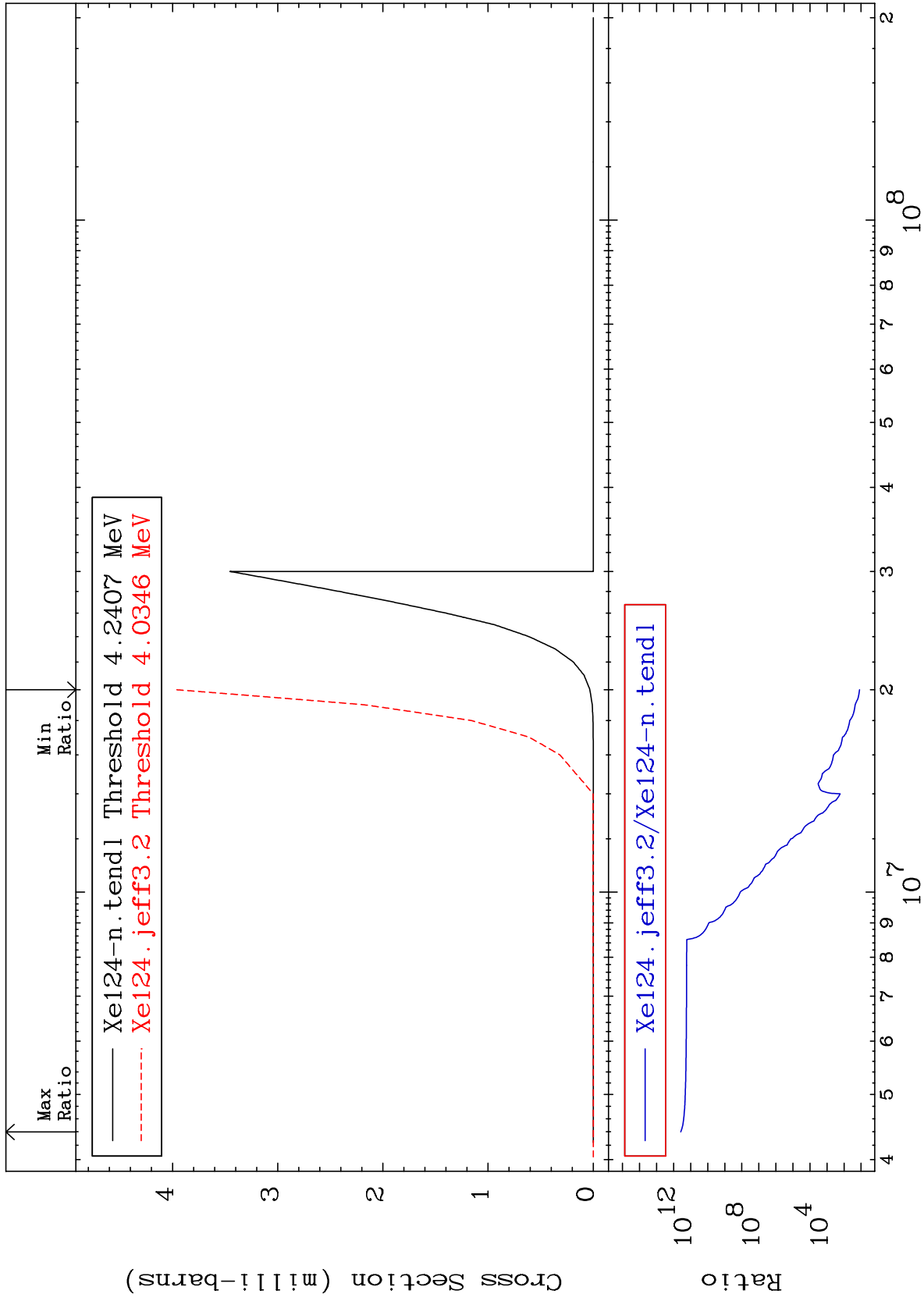
MAT 5425

(n, He-3)

54-Xe-124

Cross Section

9999. To 9999. %



15

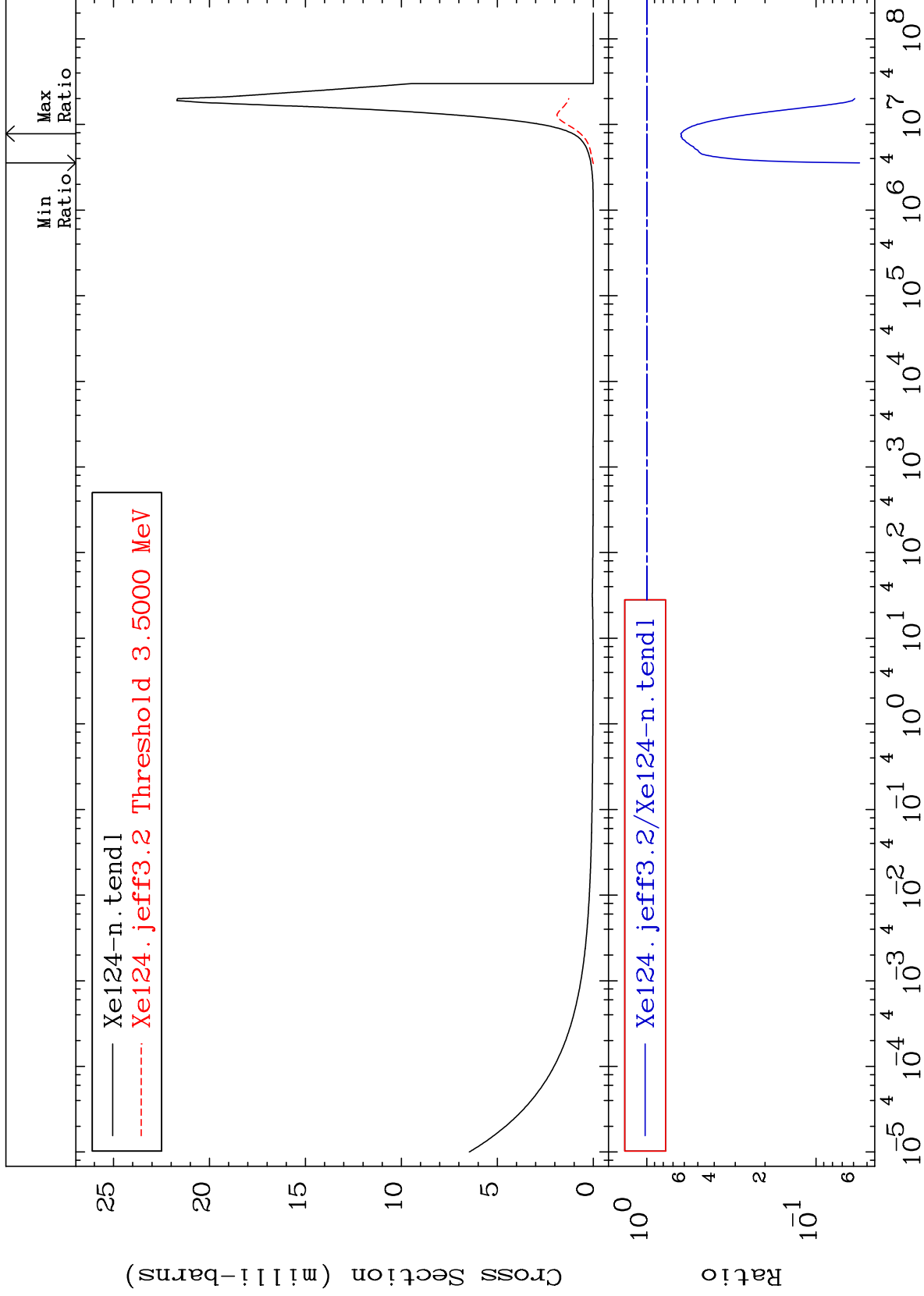
Incident Energy (eV)

54-Xe-124

MAT 5425

(n, α)
Cross Section

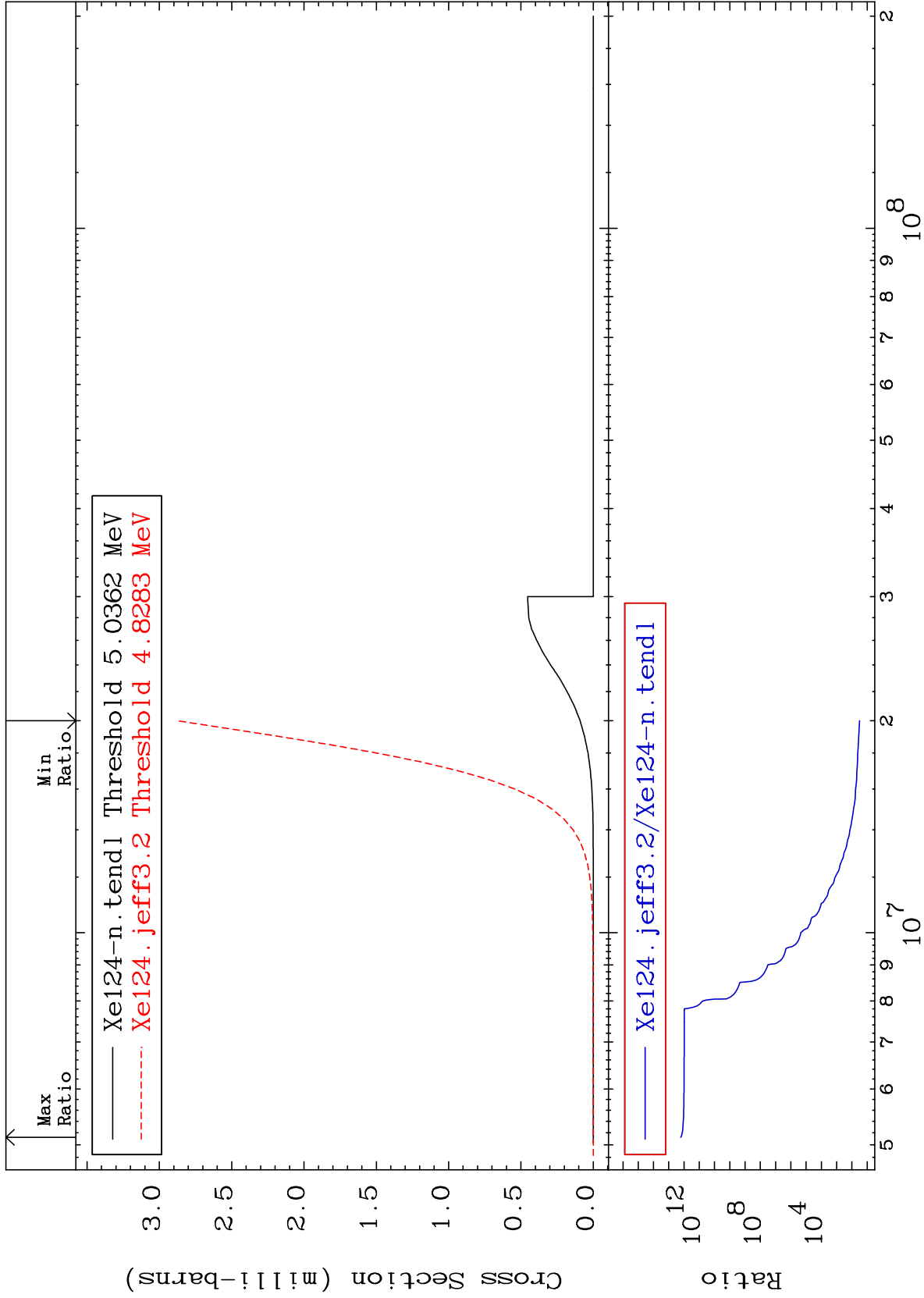
54-Xe-124
-94.47 To -37.01%

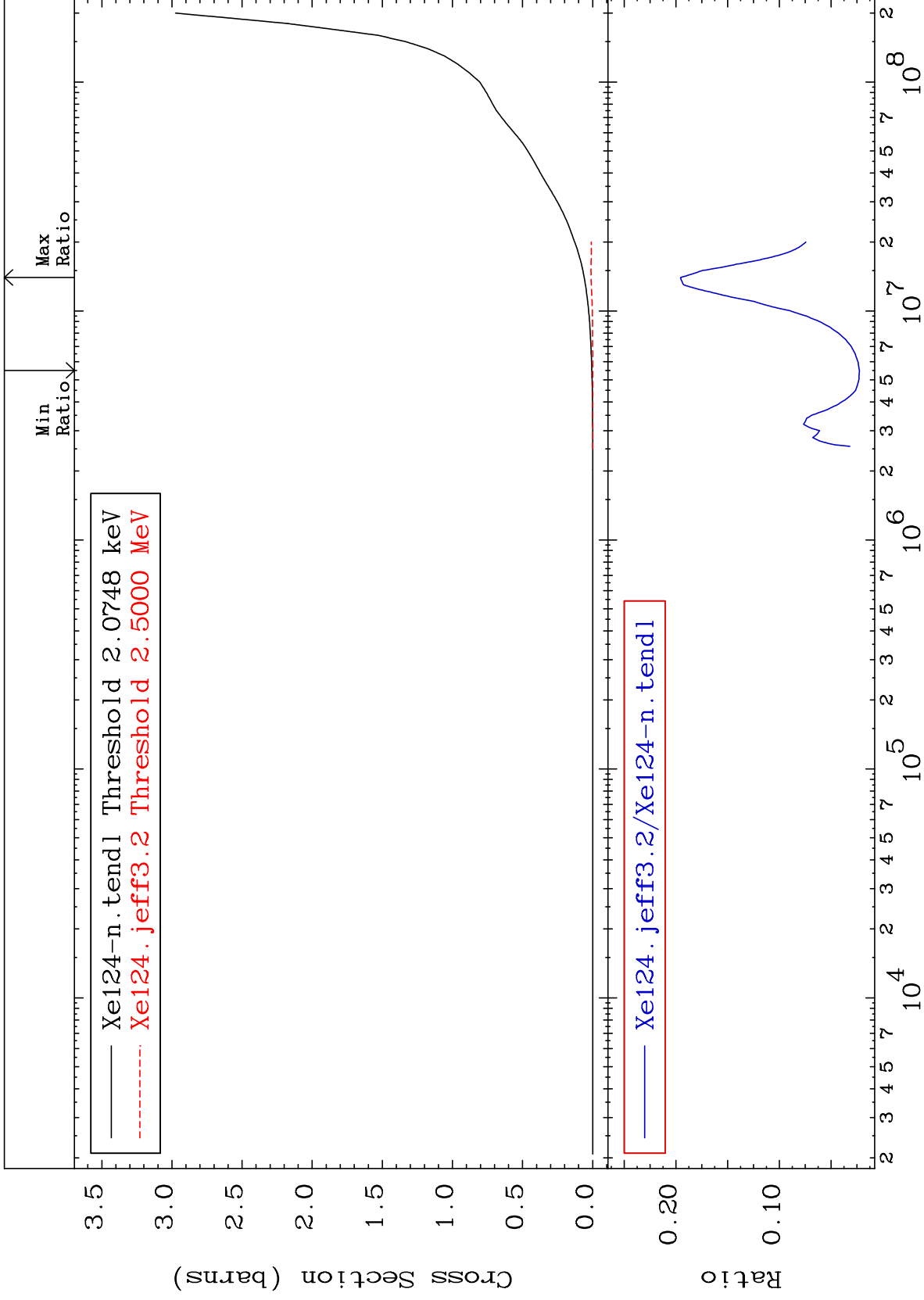


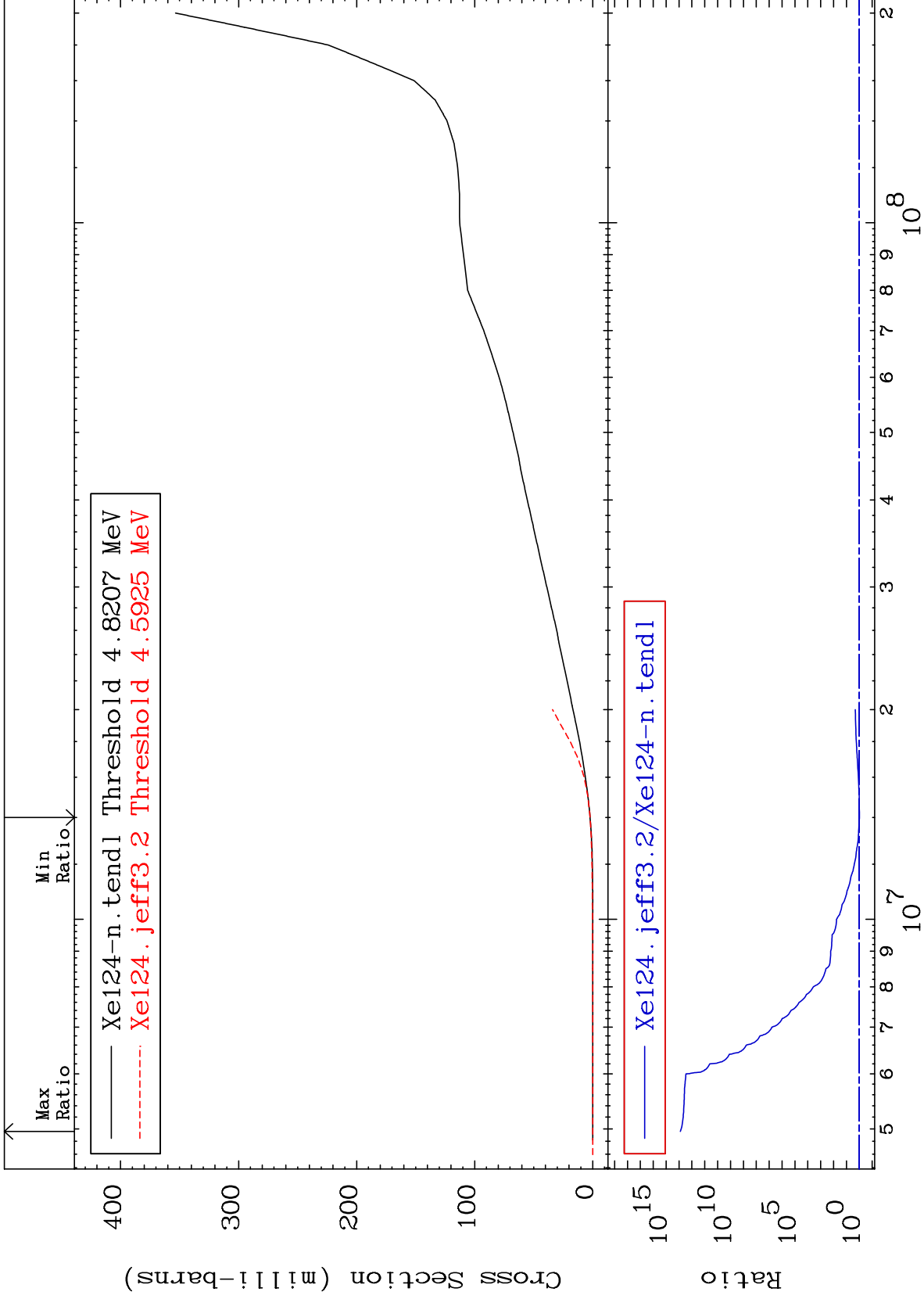
16

Incident Energy (eV)

54-Xe-124



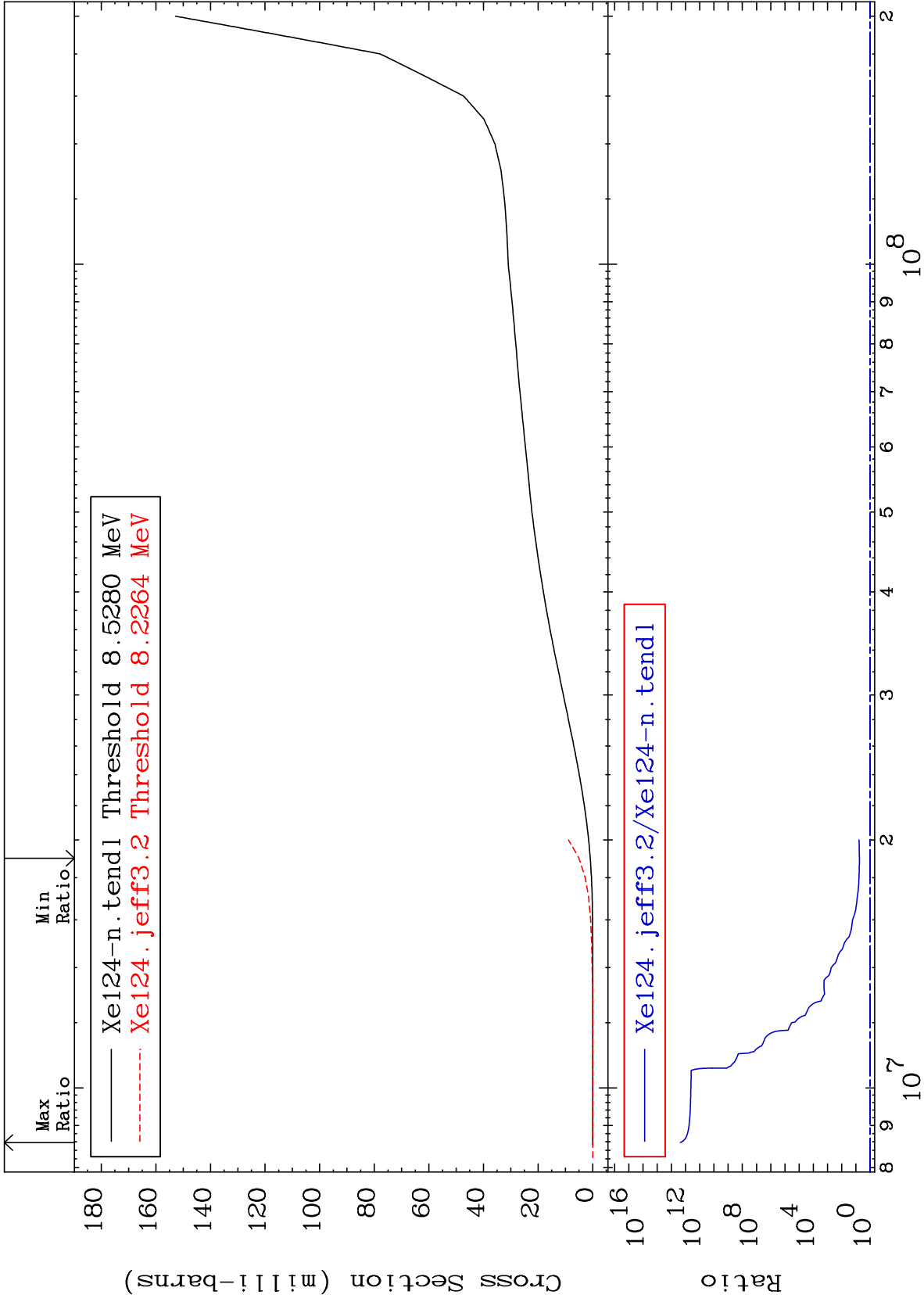




MAT 5425

Tritium Production
Cross Section

54-Xe-124
463.4 To 9999. %



20

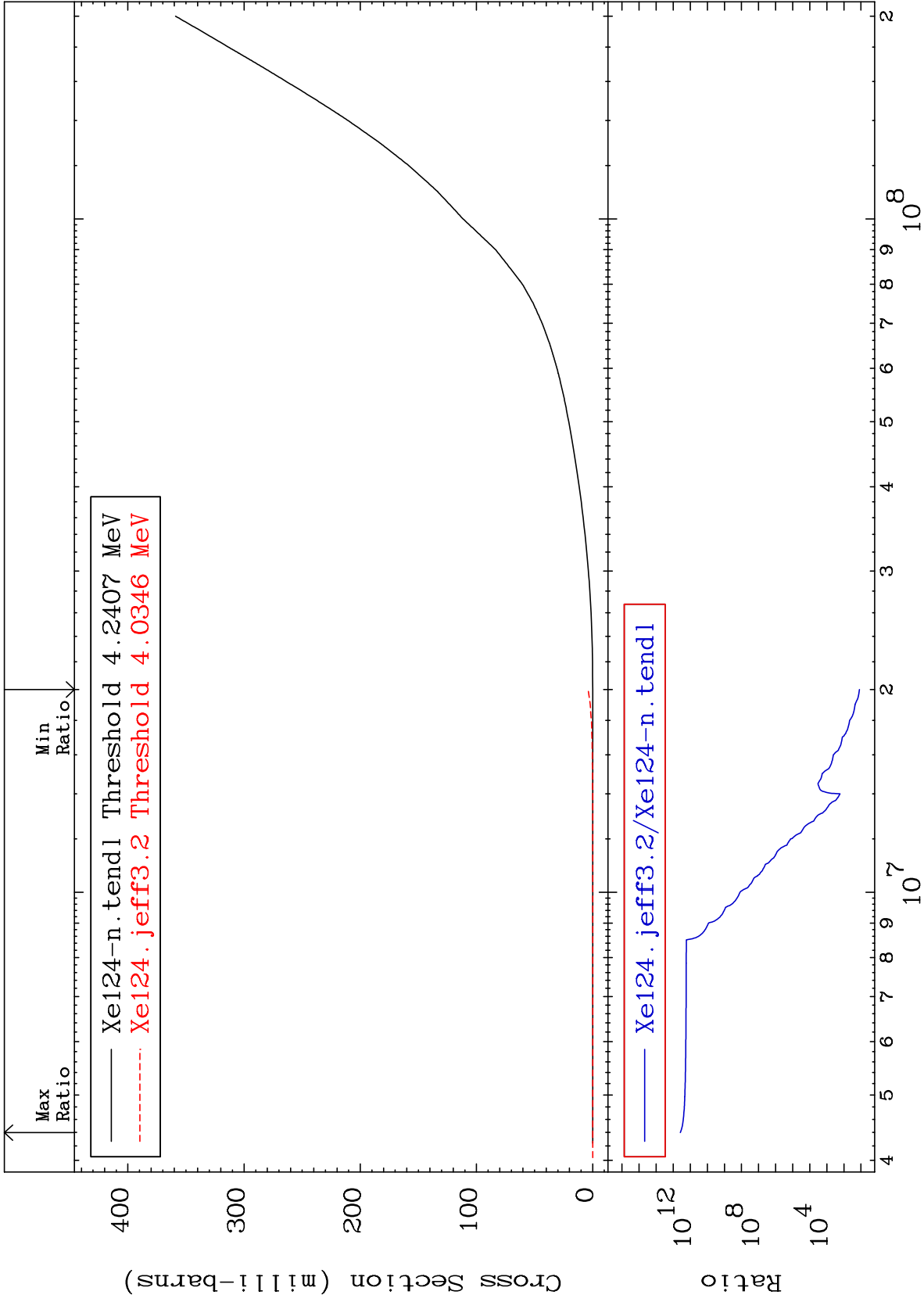
Incident Energy (eV)

54-Xe-124

MAT 5425

He-3 Production
Cross Section

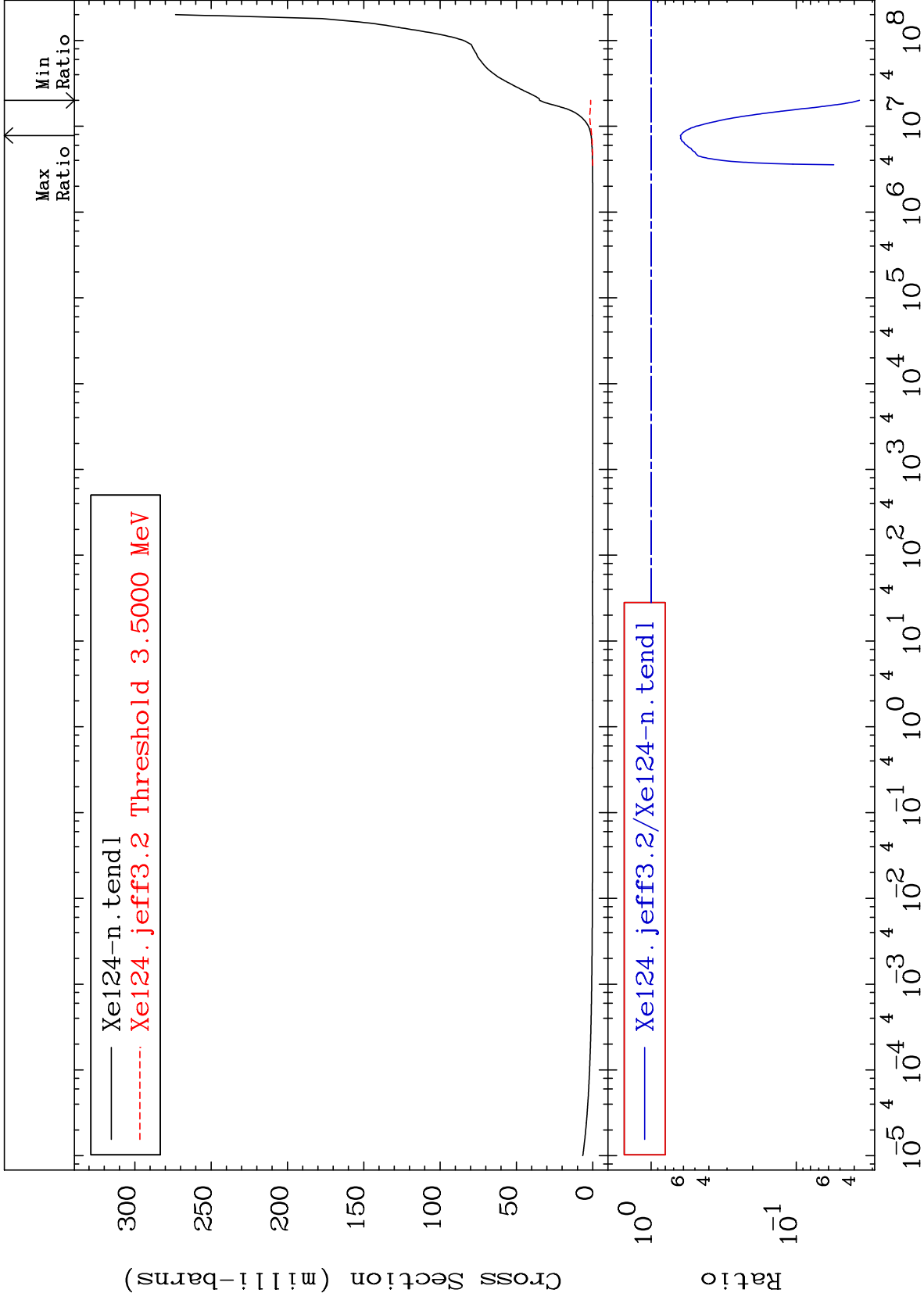
54-Xe-124
To 9999. %



MAT 5425

He-4 Production
Cross Section

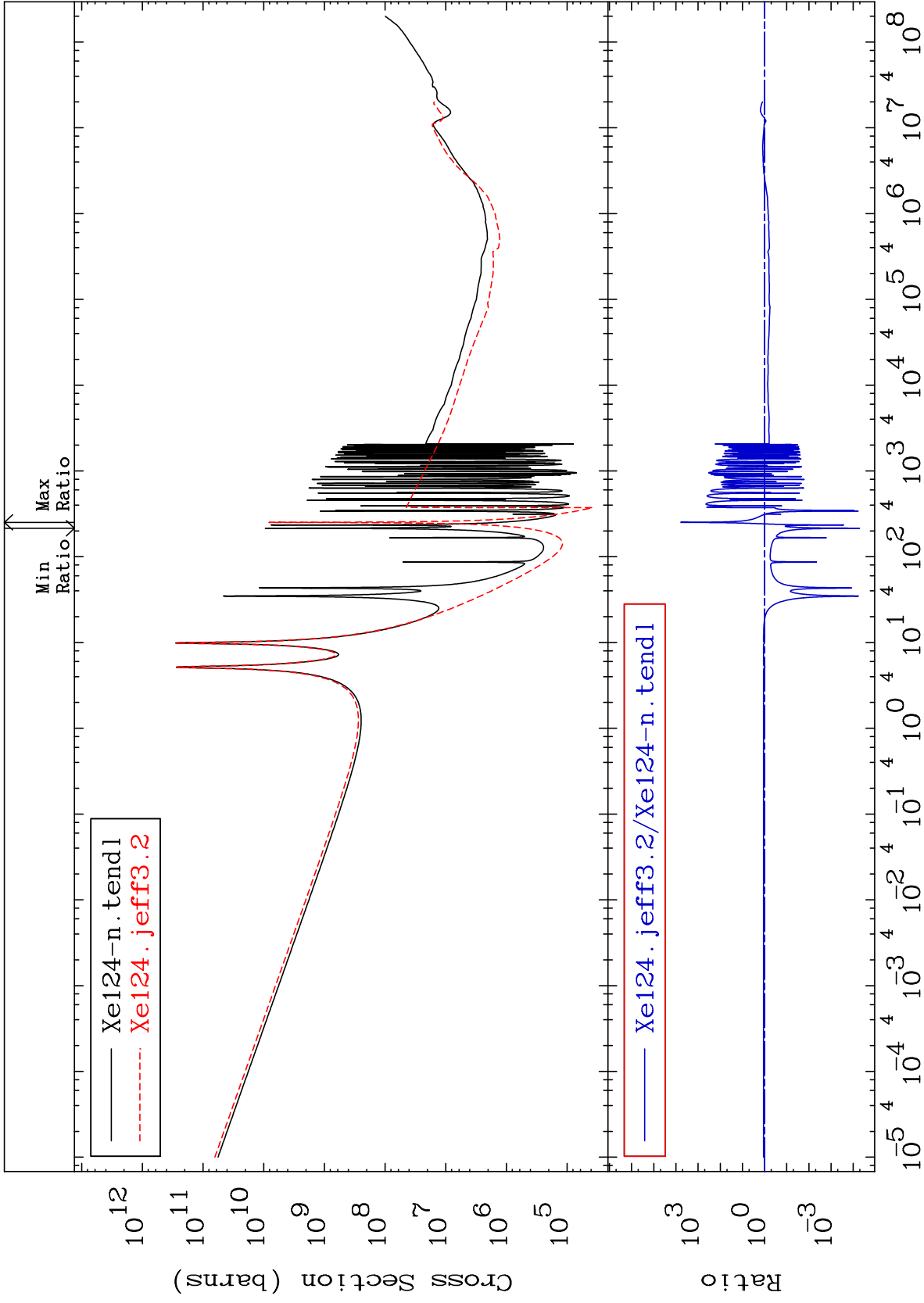
54-Xe-124
-96.32 To -37.06%



22

Incident Energy (eV)

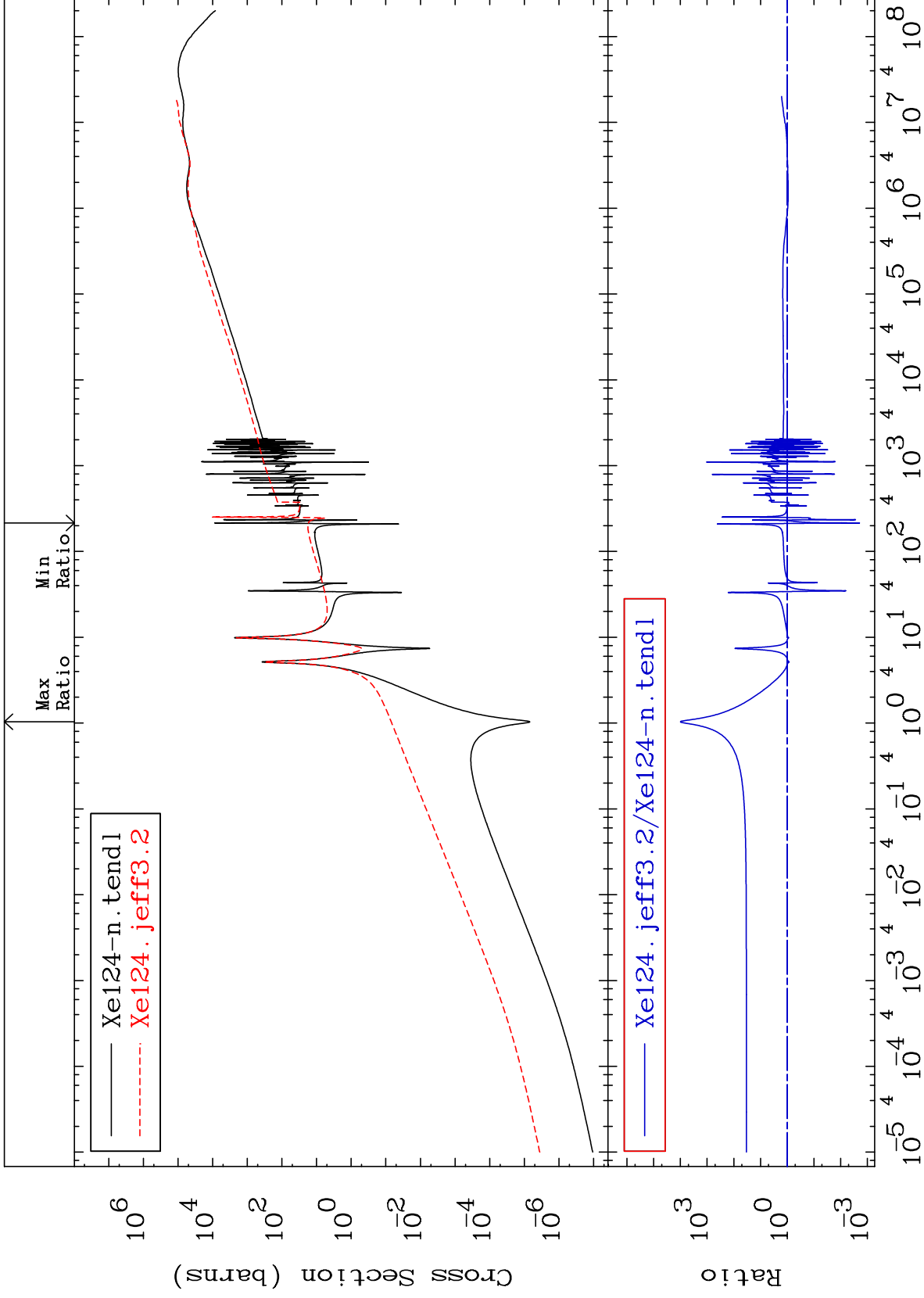
54-Xe-124

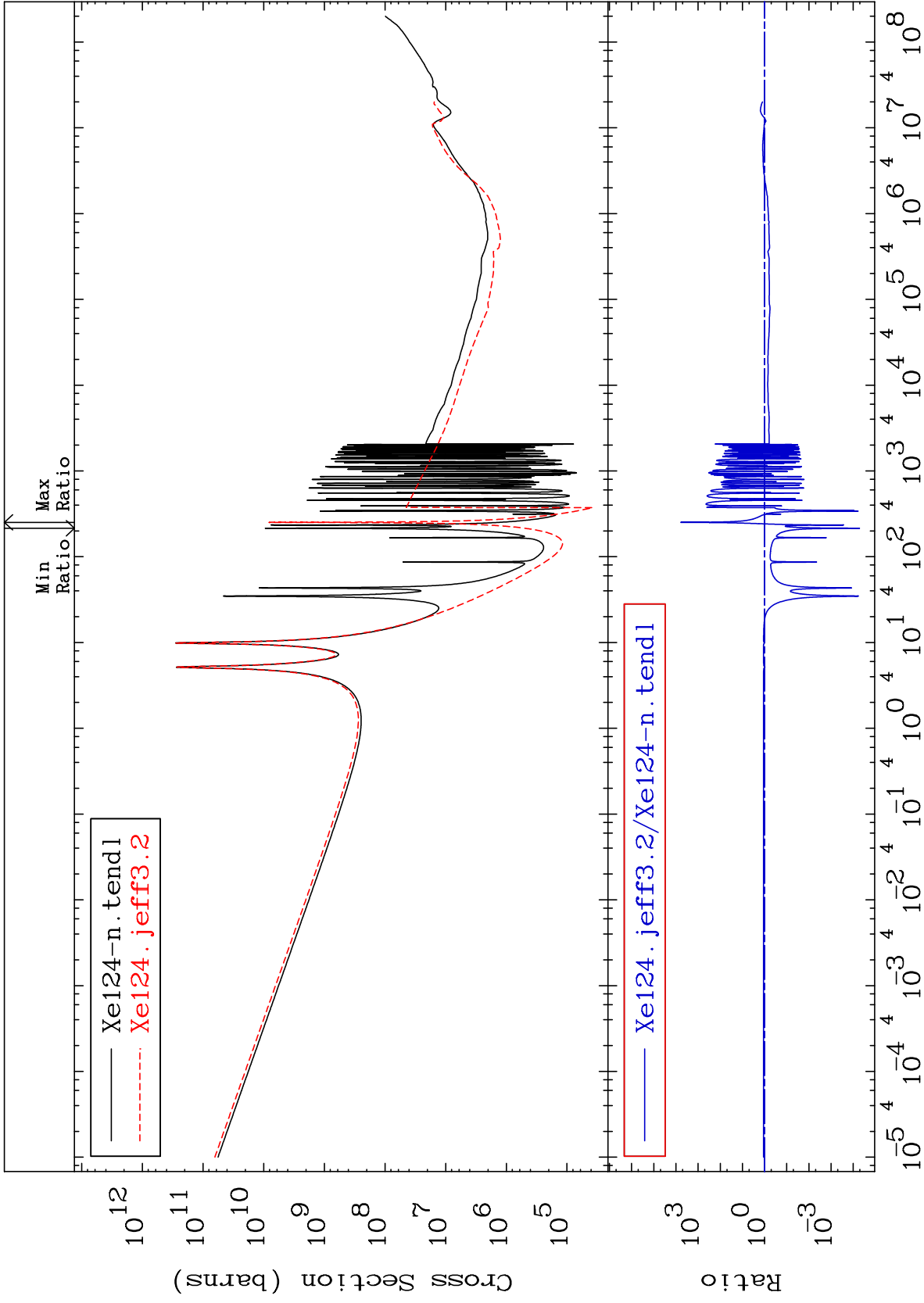


MAT 5425

Kerma elastic
Cross Section

54-Xe-124
-99.80 To 9999. %

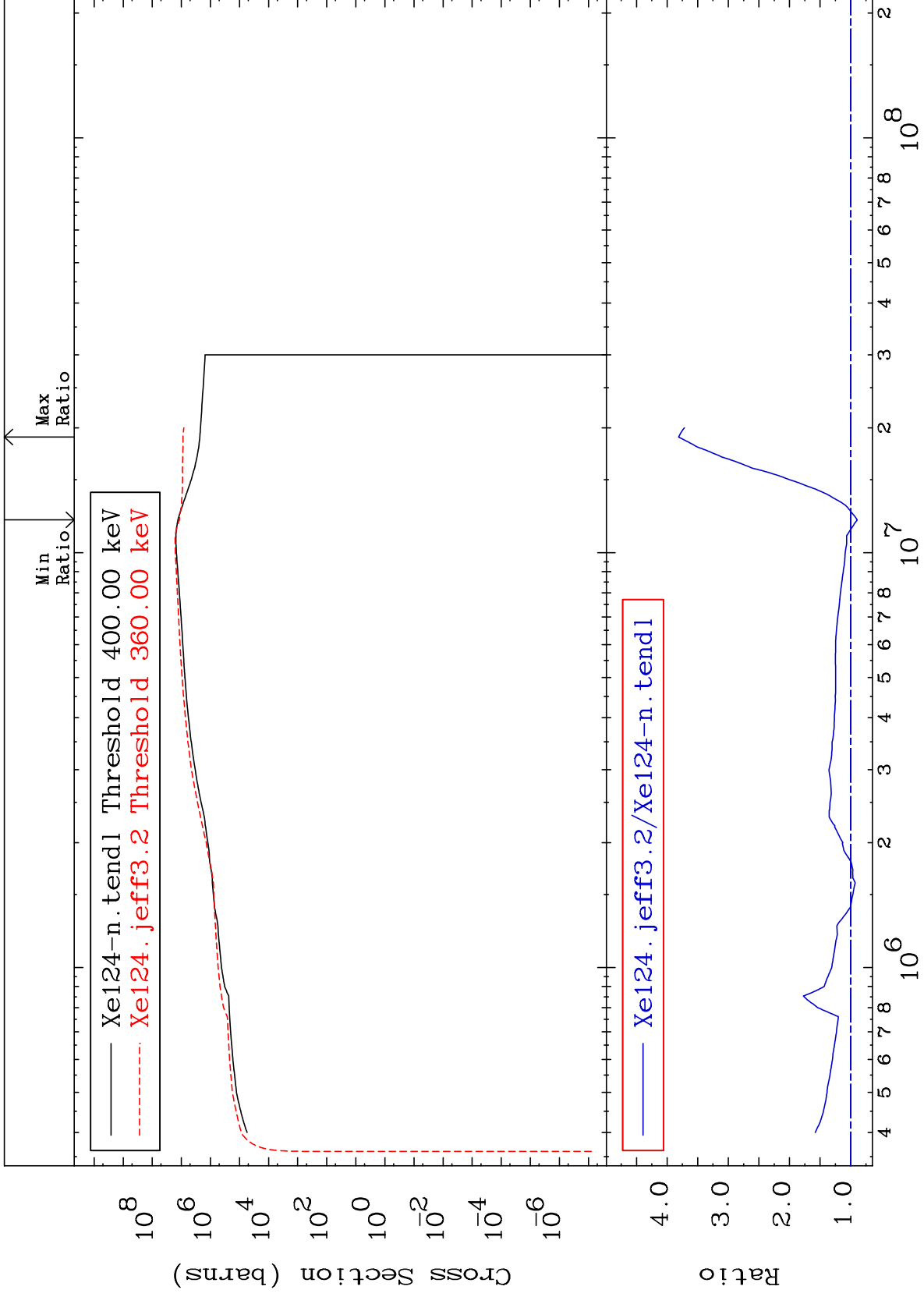




MAT 5425

Kerma inelastic (mt51-91)
Cross Section

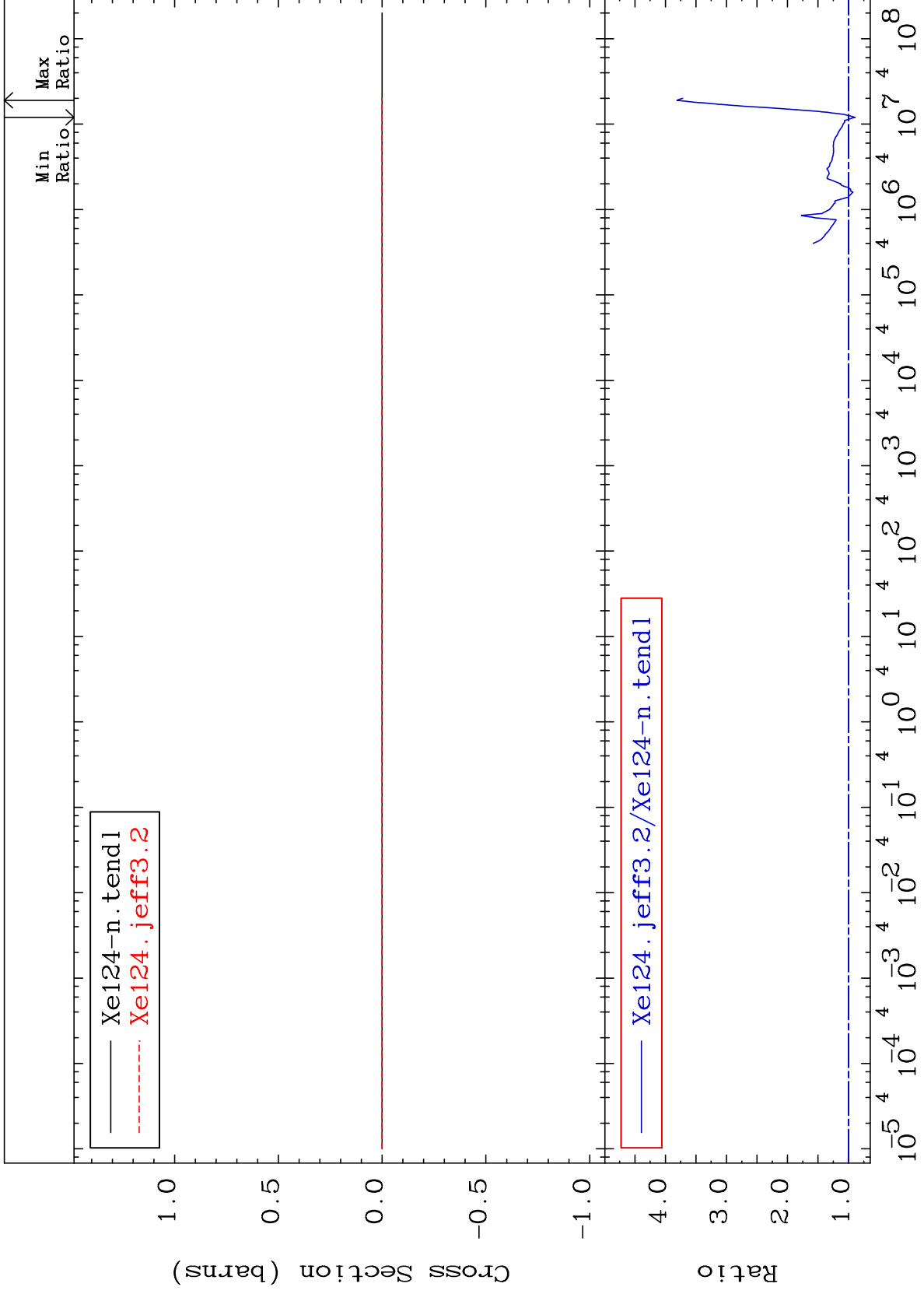
54-Xe-124
-10.66 To 281.1 %



MAT 5425

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

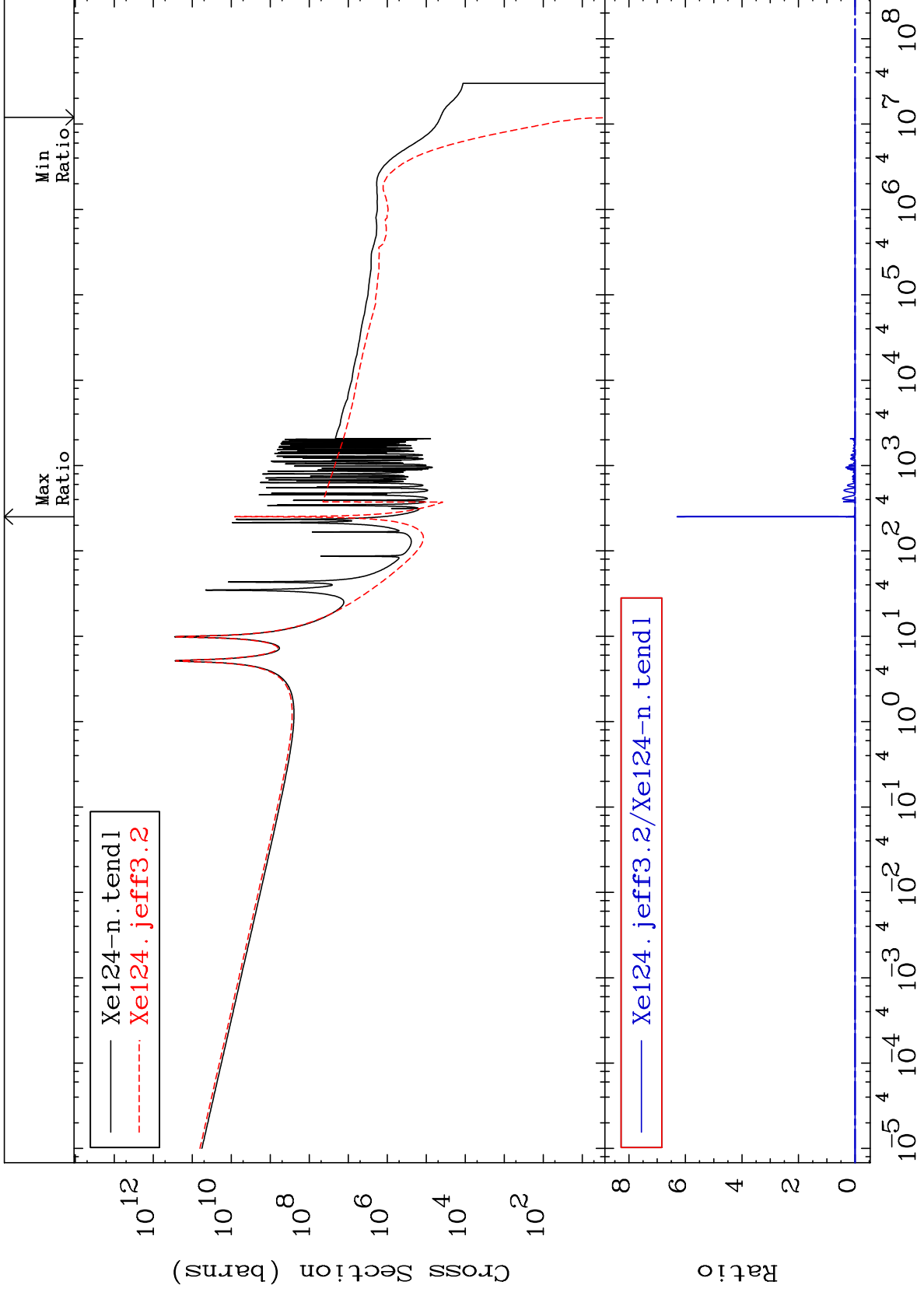
54-Xe-124
-10.66 To 281.1 %



MAT 5425

Kerma capture (mt102)
Cross Section

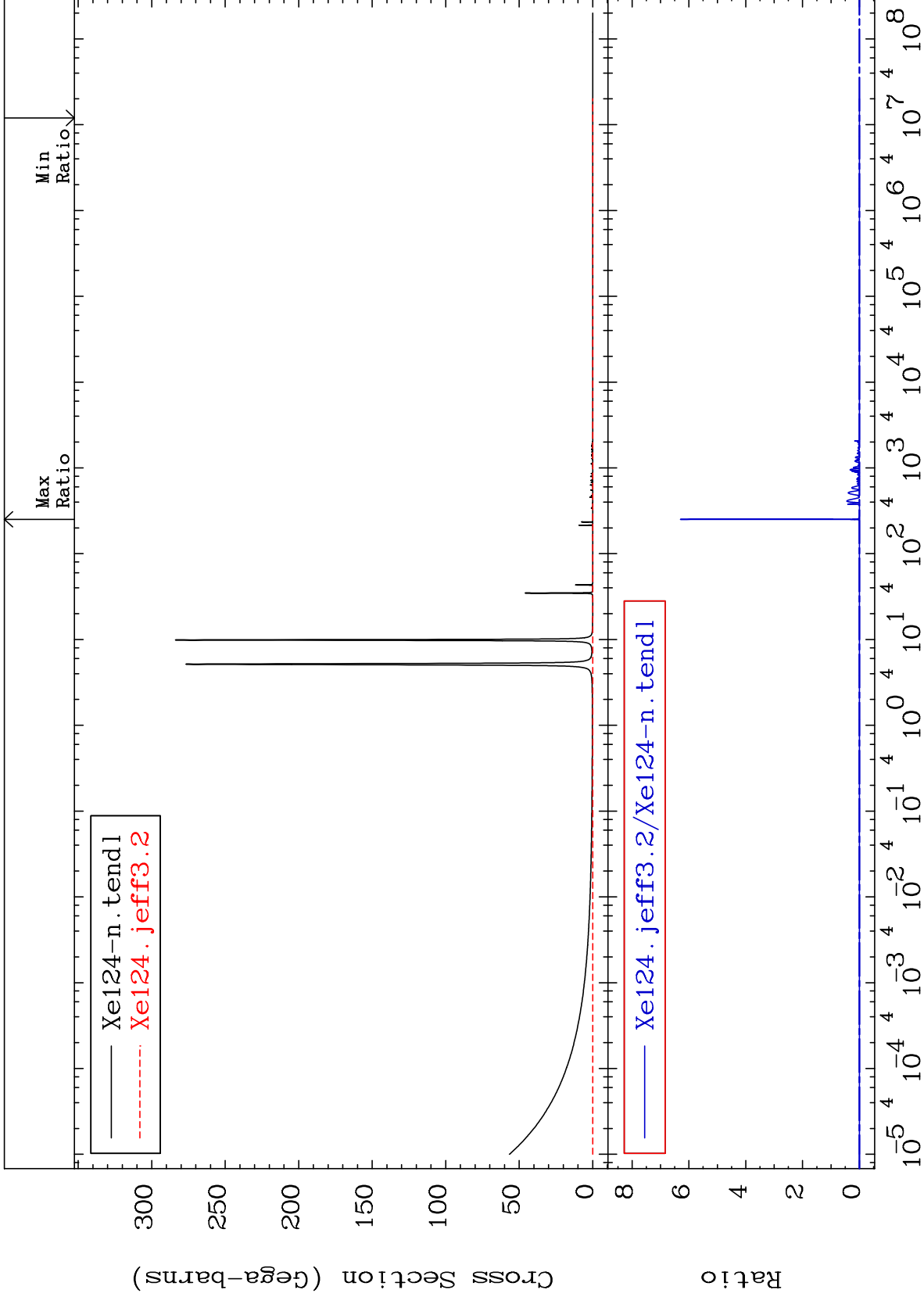
54-Xe-124
-100.0 To 9999. %



MAT 5425

Total photon (eV-barns)
Cross Section

54-Xe-124
-100.0 To 9999. %



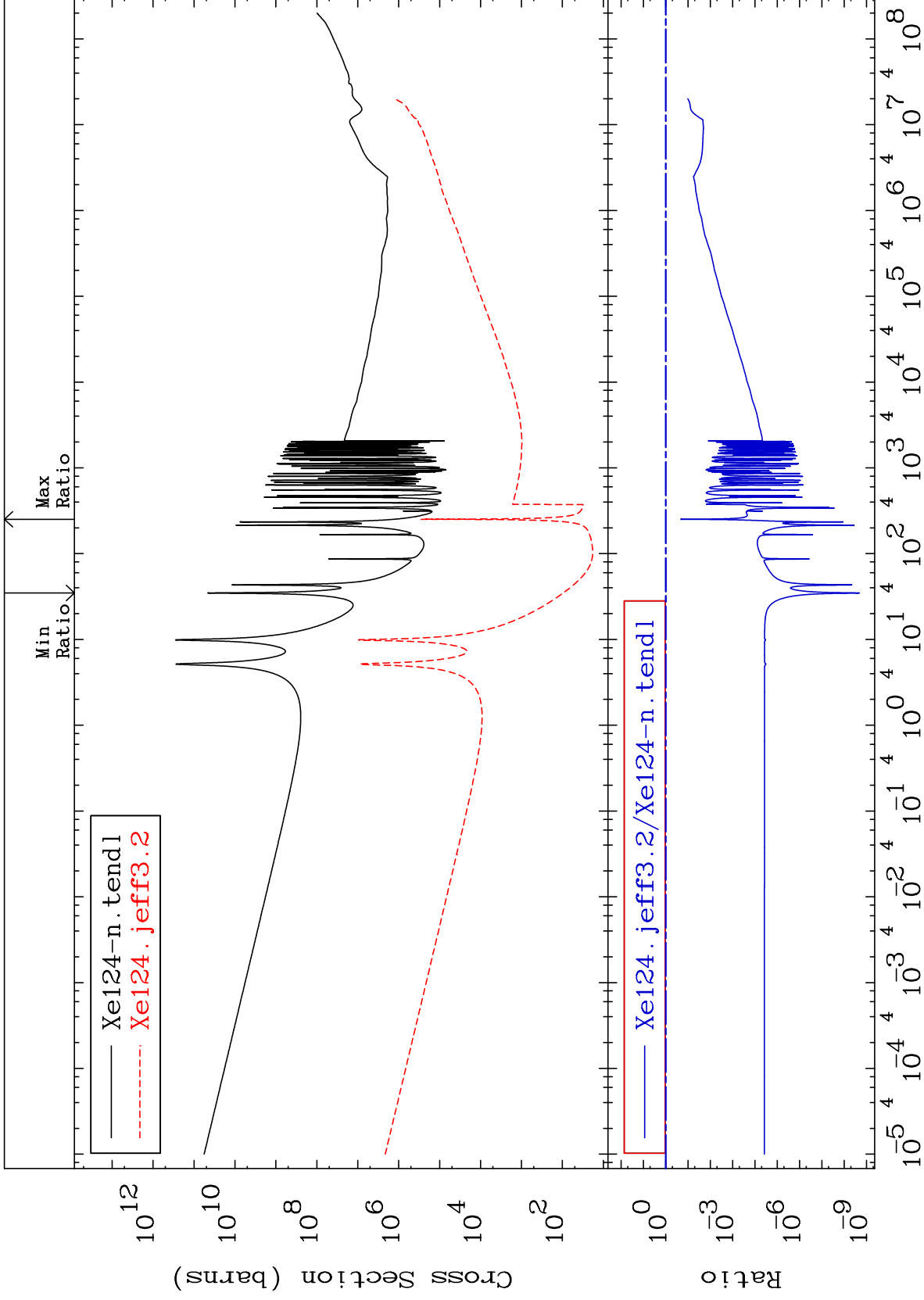
Xe124-n.tendl
Xe124.jeff3.2

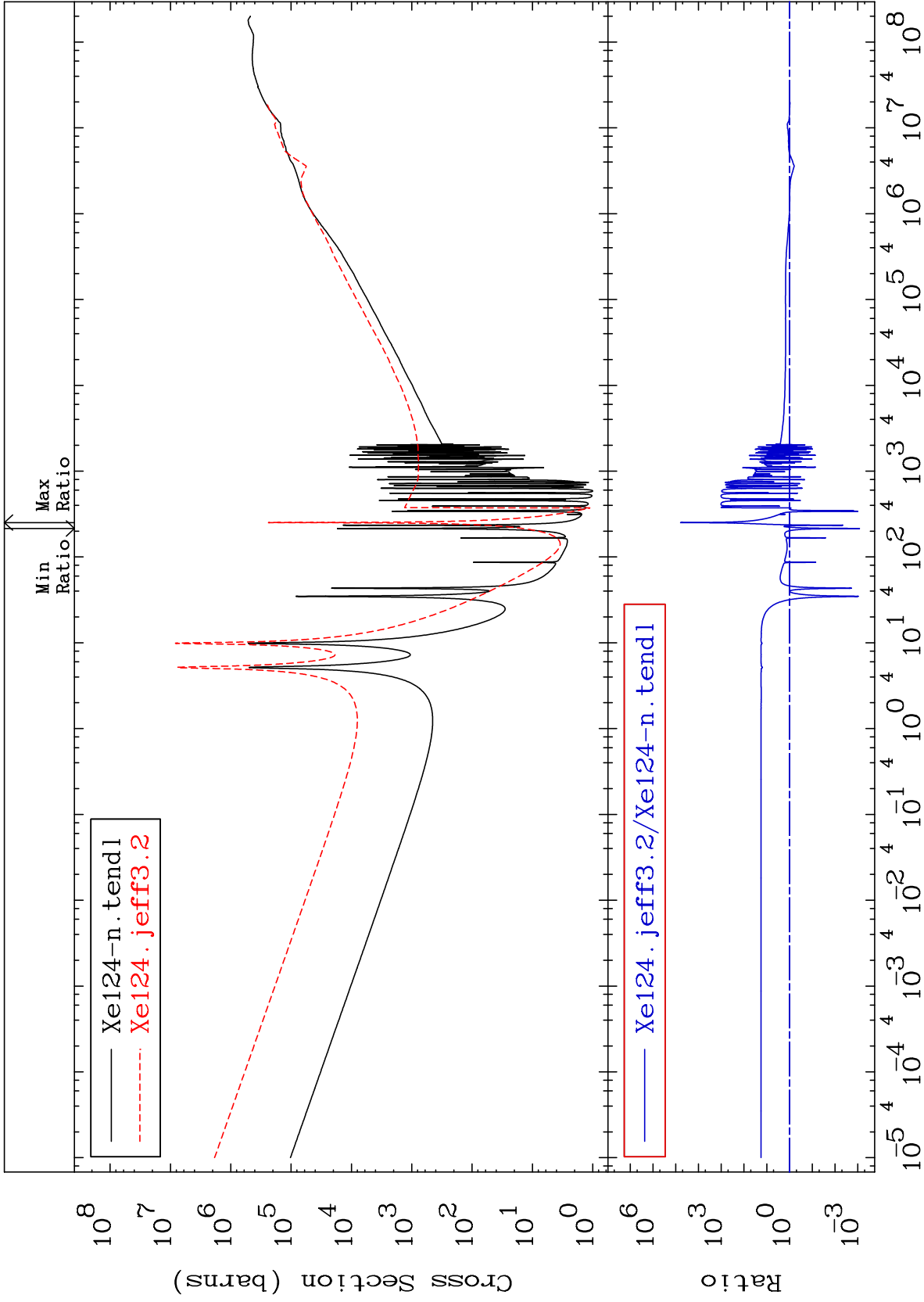
Xe124.jeff3.2/Xe124-n.tendl

29

Incident Energy (eV)

54-Xe-124





MAT 5425

Dpa elastic (mt2)
Cross Section

54-Xe-124
-98.37 To 9999. %

