

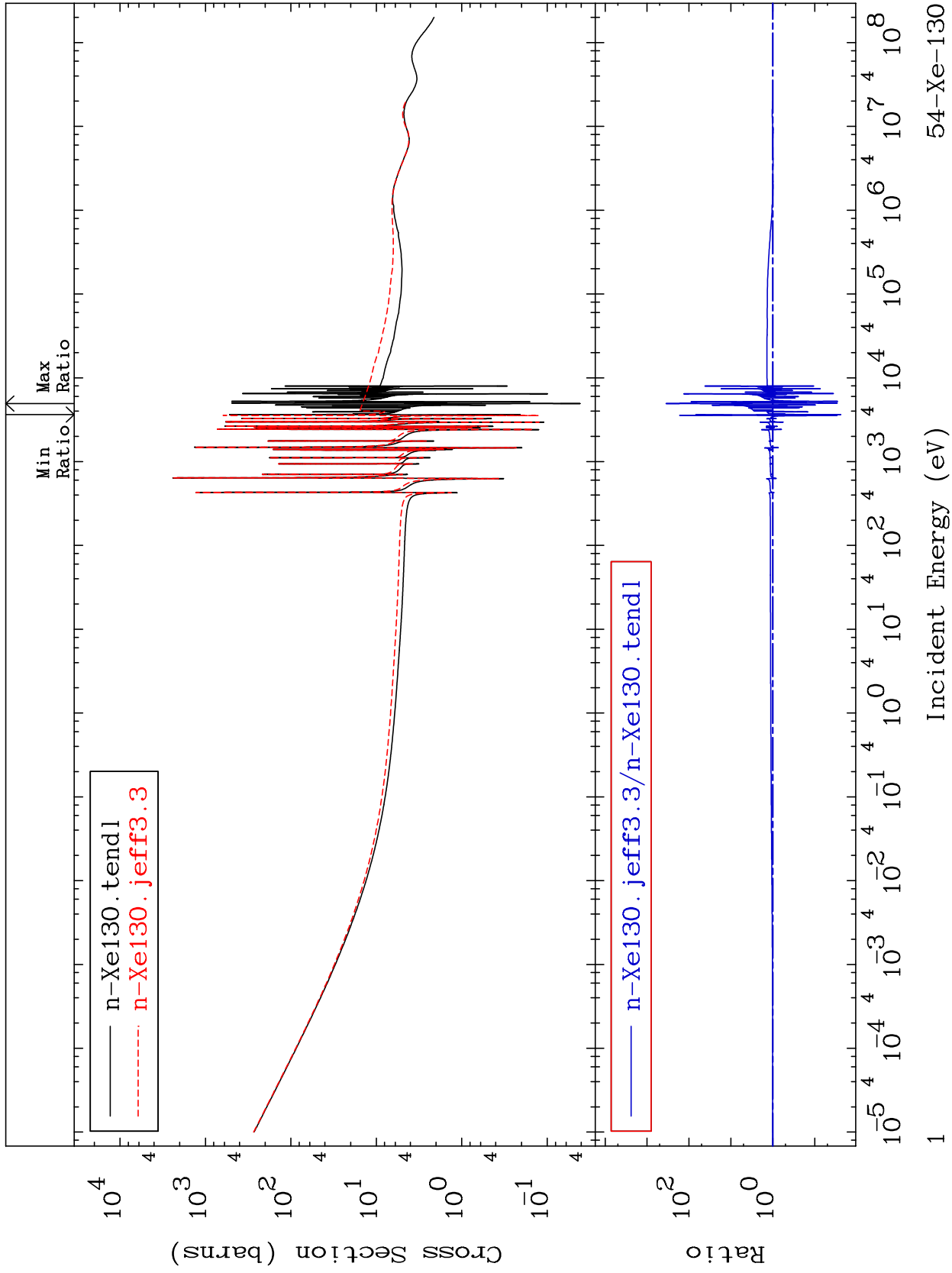
MAT 5443

Total

54-Xe-130

Cross Section

-97.61 To 9999. %



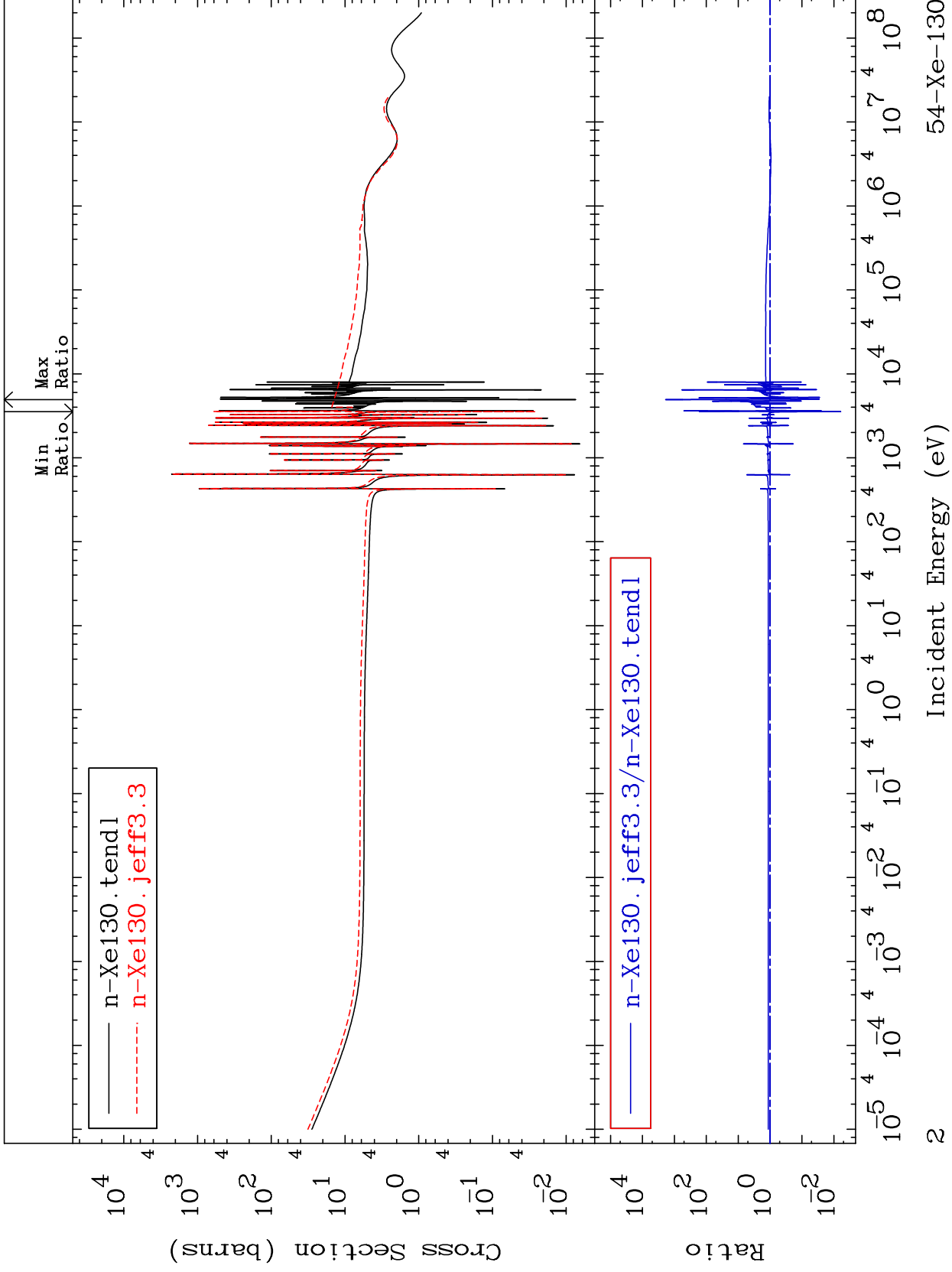
Incident Energy (eV)

54-Xe-130

MAT 5443

Elastic
Cross Section

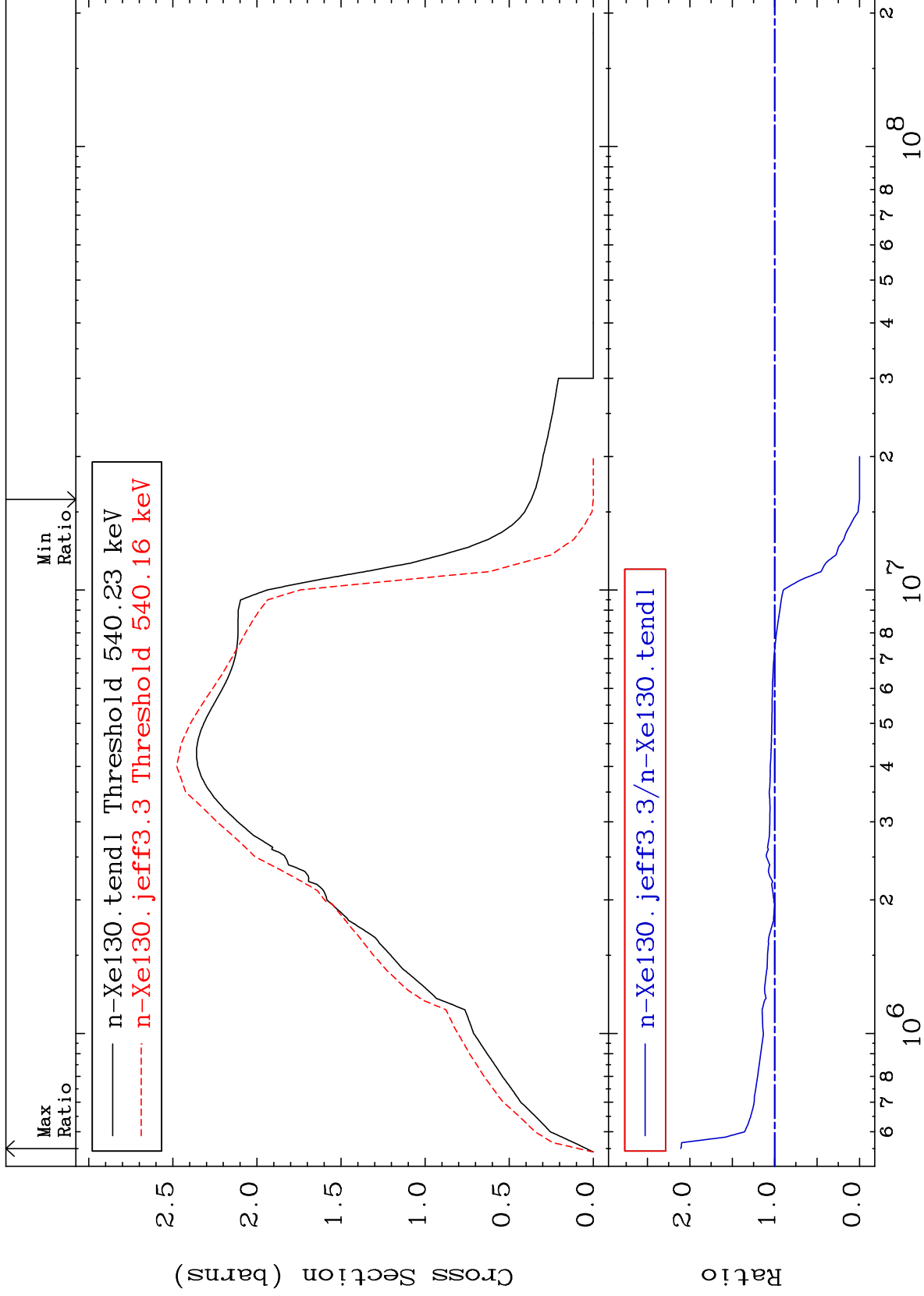
54-Xe-130
-99.39 To 9999. %



MAT 5443

Inelastic
Cross Section

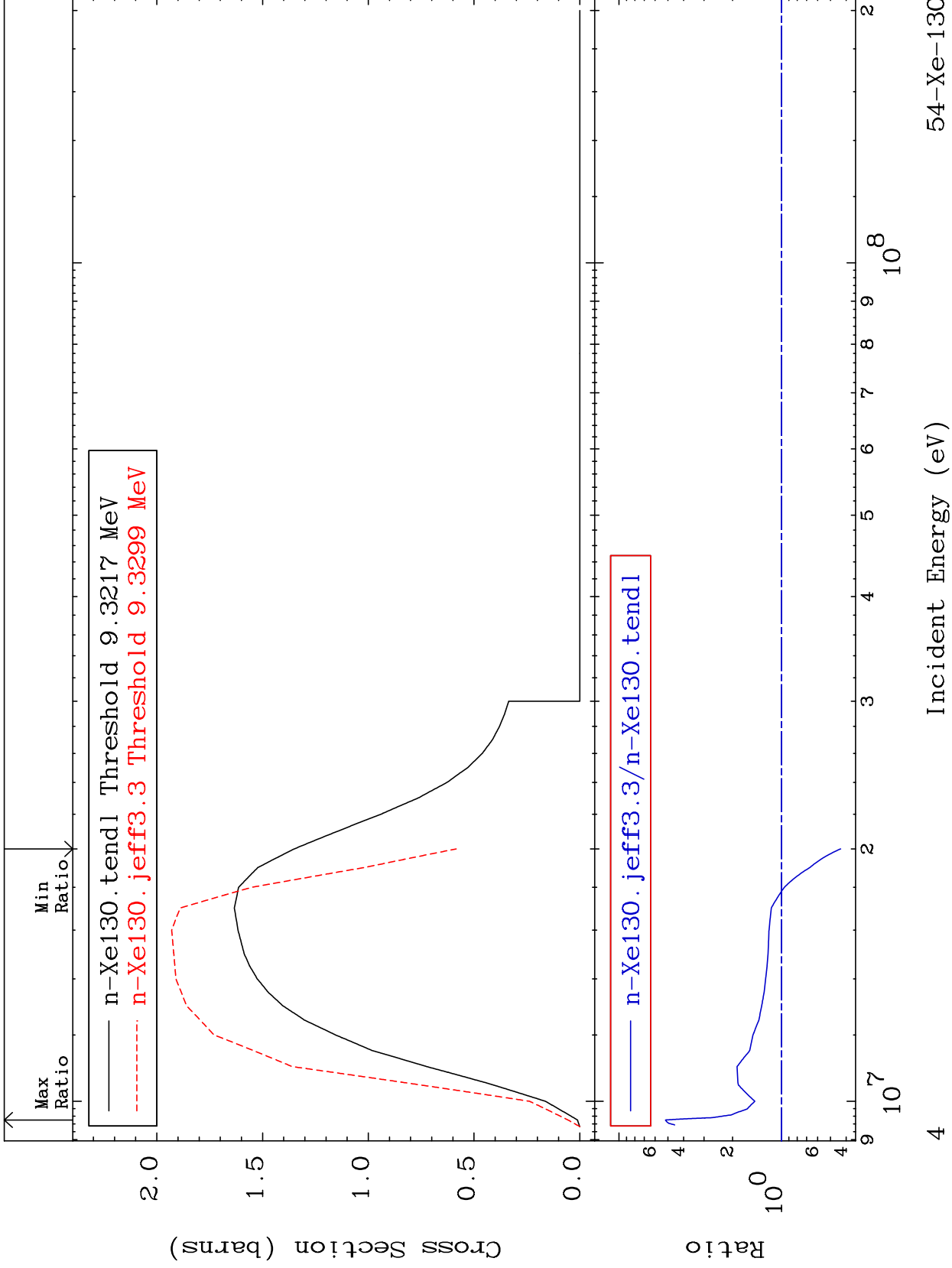
54-Xe-130
-100.0 To 110.7 %



MAT 5443

(n,2n)
Cross Section

54-Xe-130
-56.75 To 417.7 %



54-Xe-130

Incident Energy (eV)

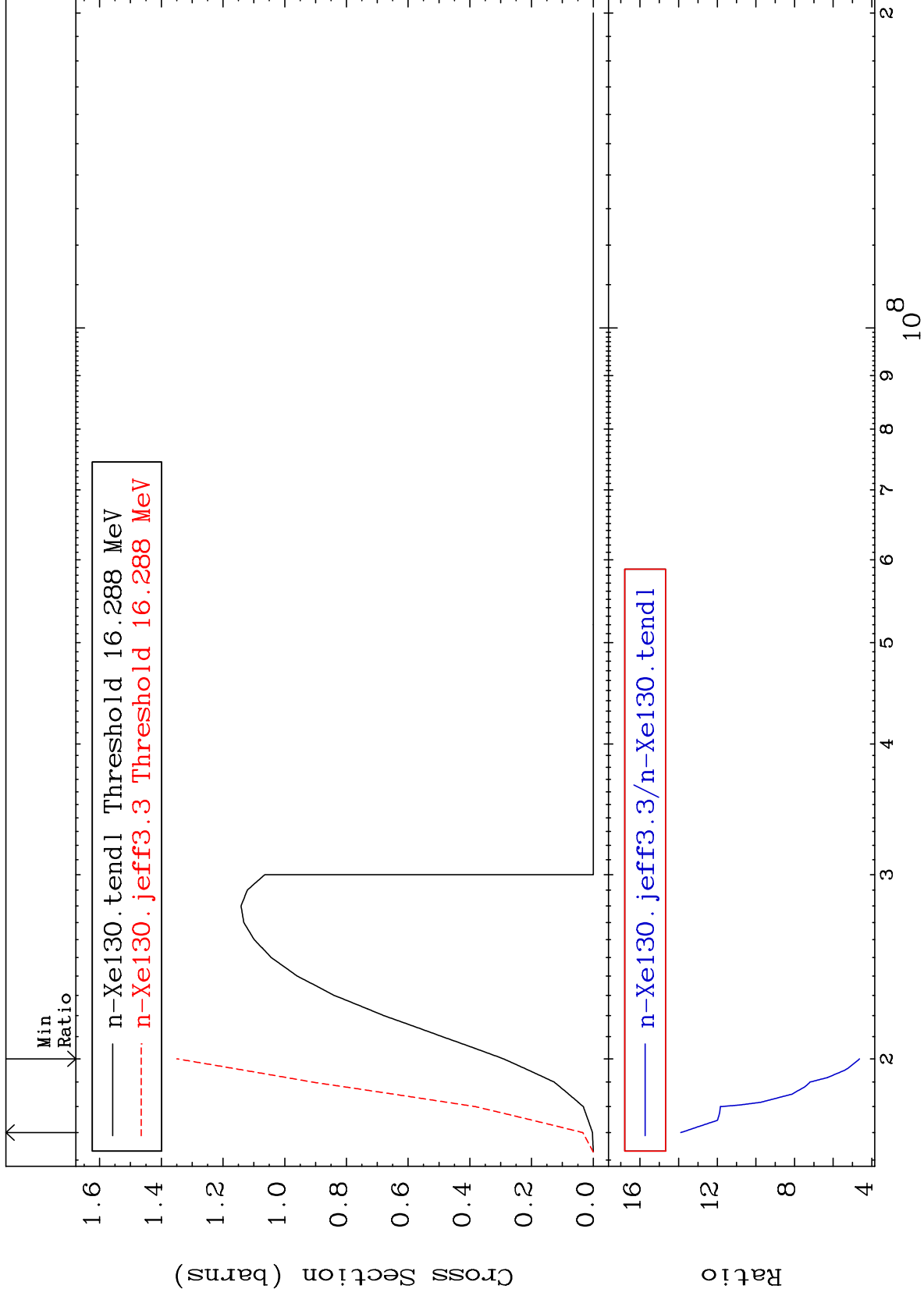
MAT 5443

(n,3n)

54-Xe-130

Cross Section

363.4 To 1289. %



5

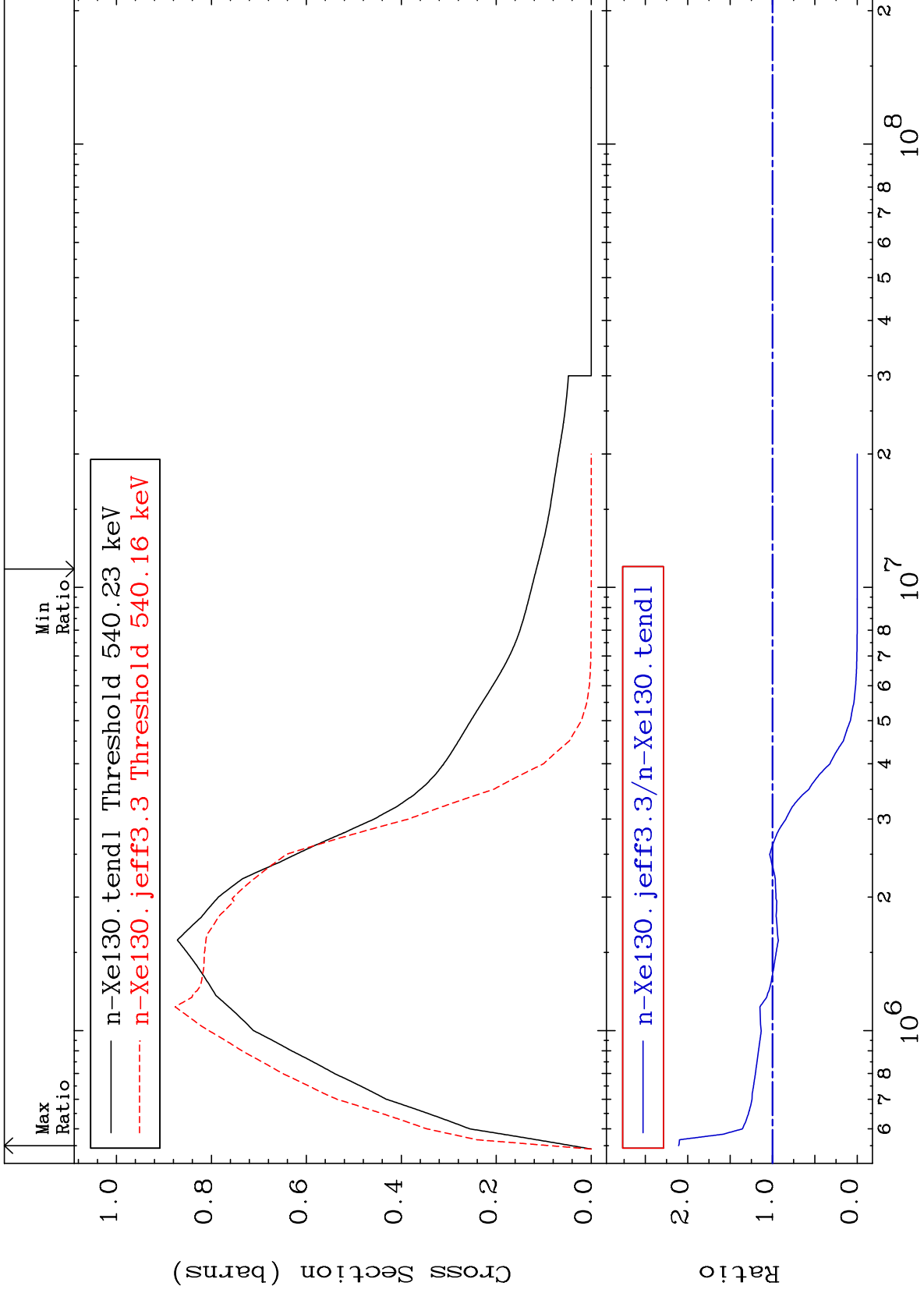
Incident Energy (eV)

54-Xe-130

MAT 5443

MT= 51 (n, n') Level
Cross Section

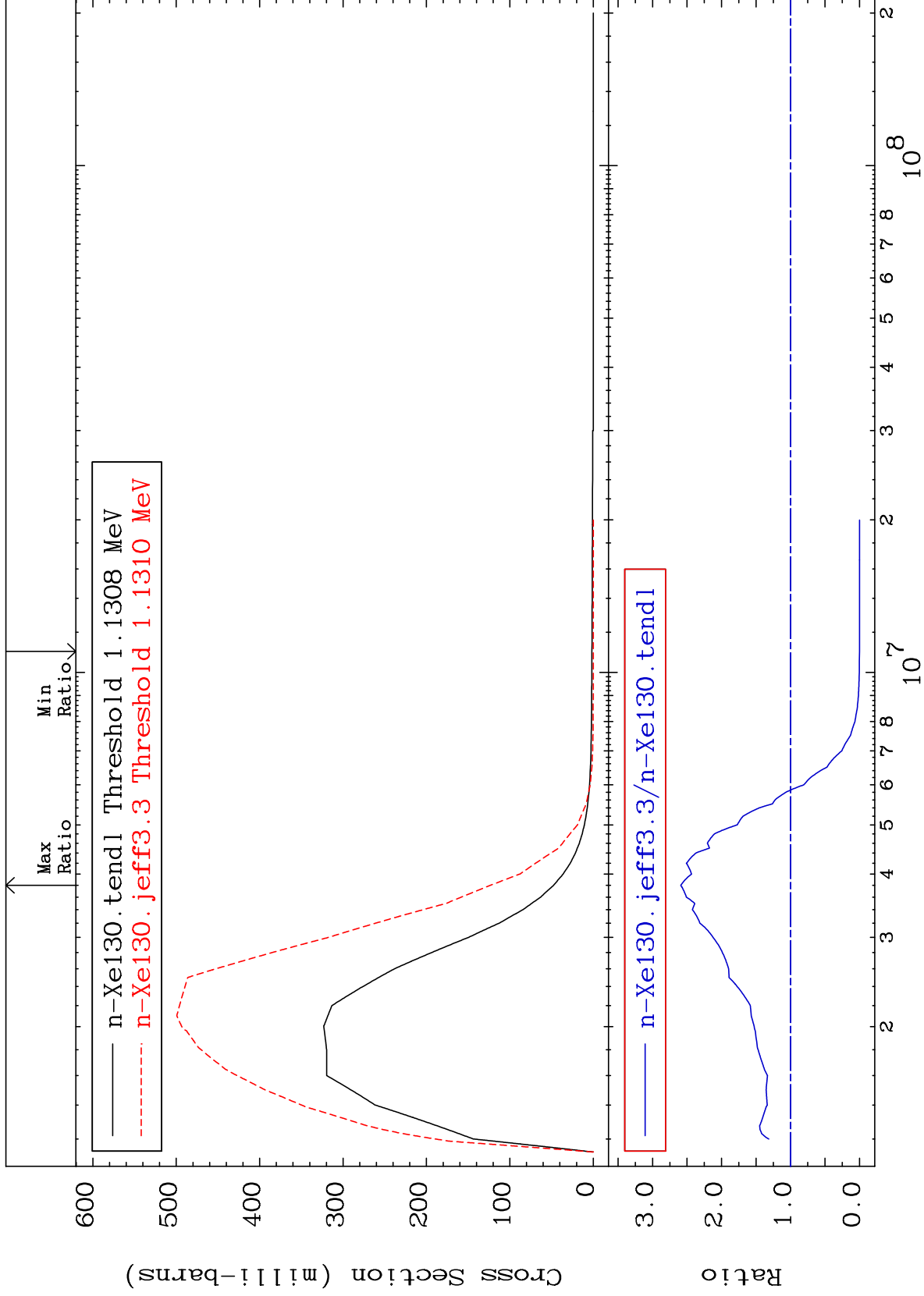
54-Xe-130
-100.0 To 110.7 %



MAT 5443

MT= 52 (n, n') Level
Cross Section

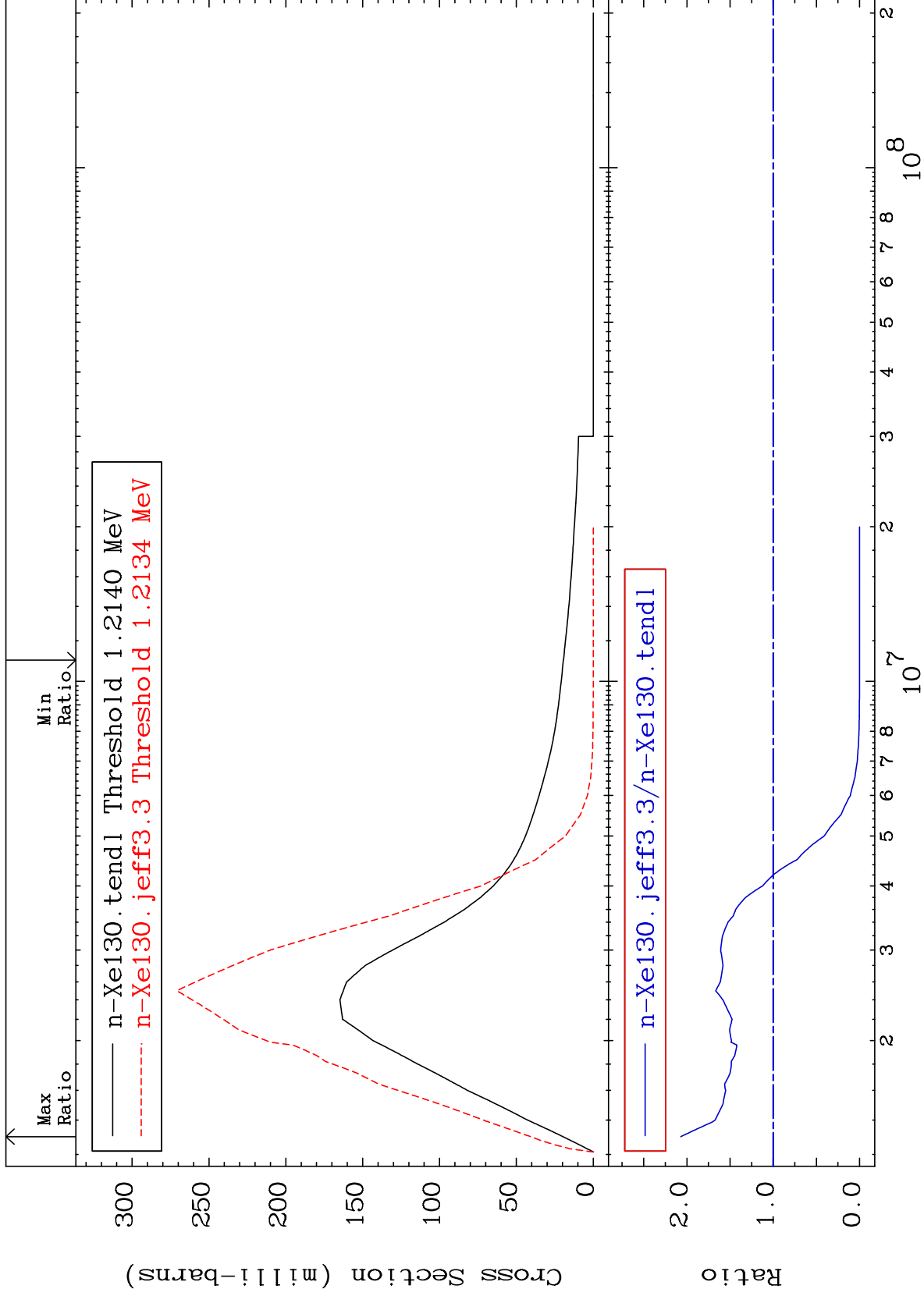
54-Xe-130
-100.0 To 159.1 %



MAT 5443

MT= 53 (n,n') Level
Cross Section

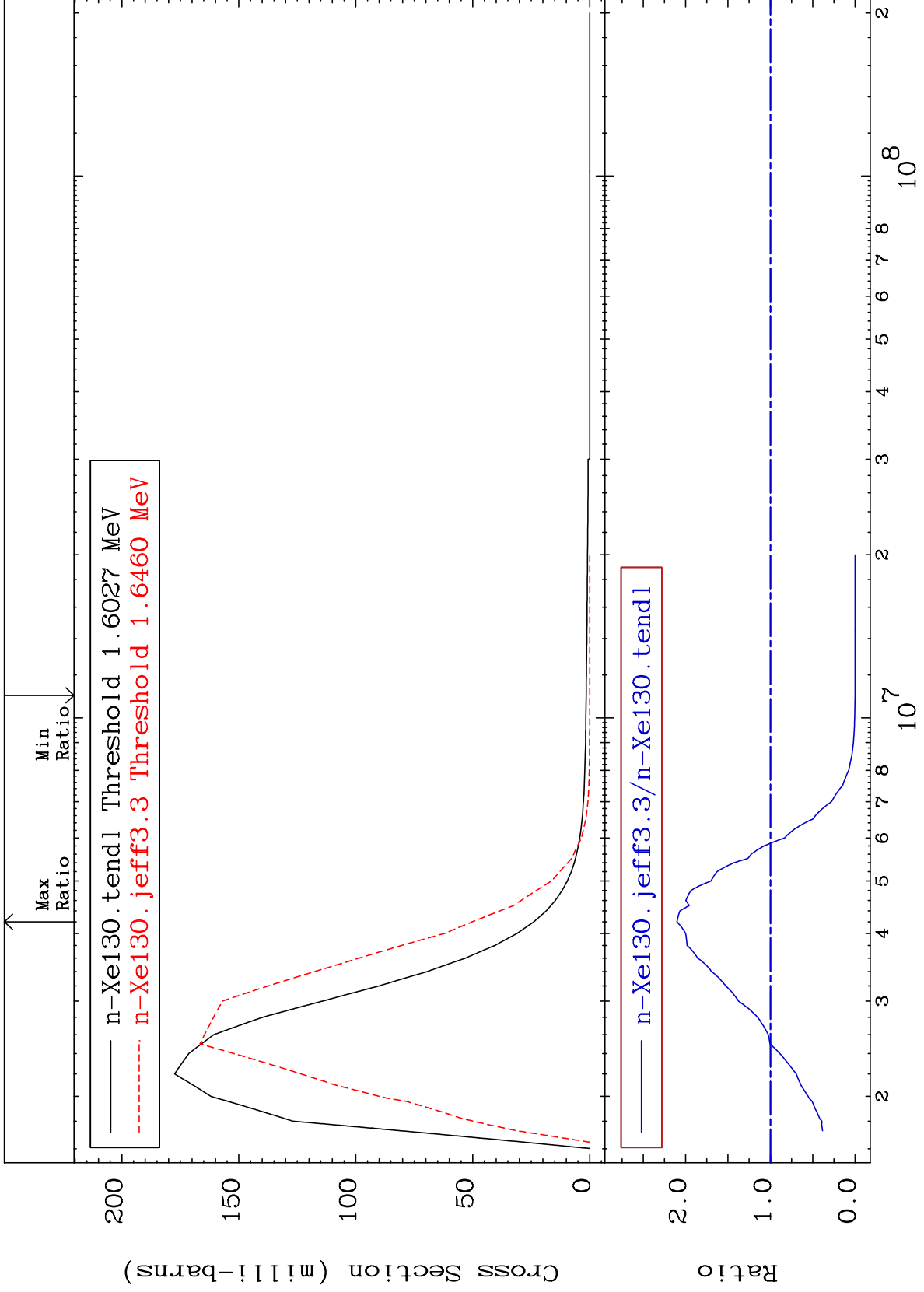
54-Xe-130
-100.0 To 107.1 %



MAT 5443

MT= 54 (n, n') Level
Cross Section

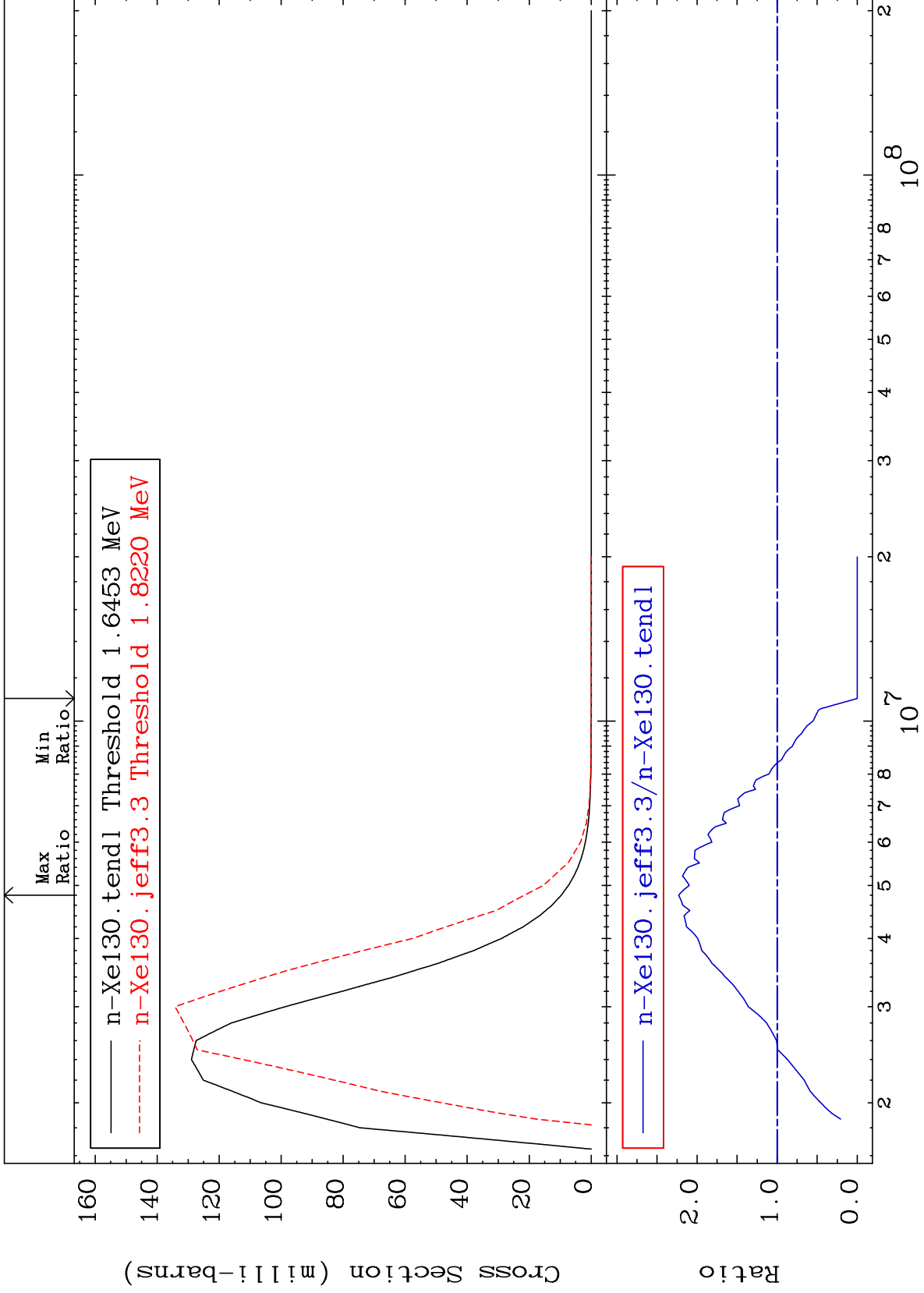
54-Xe-130
-100.0 To 110.3 %



MAT 5443

MT= 55 (n,n') Level
Cross Section

54-Xe-130
-100.0 To 123.0 %



10

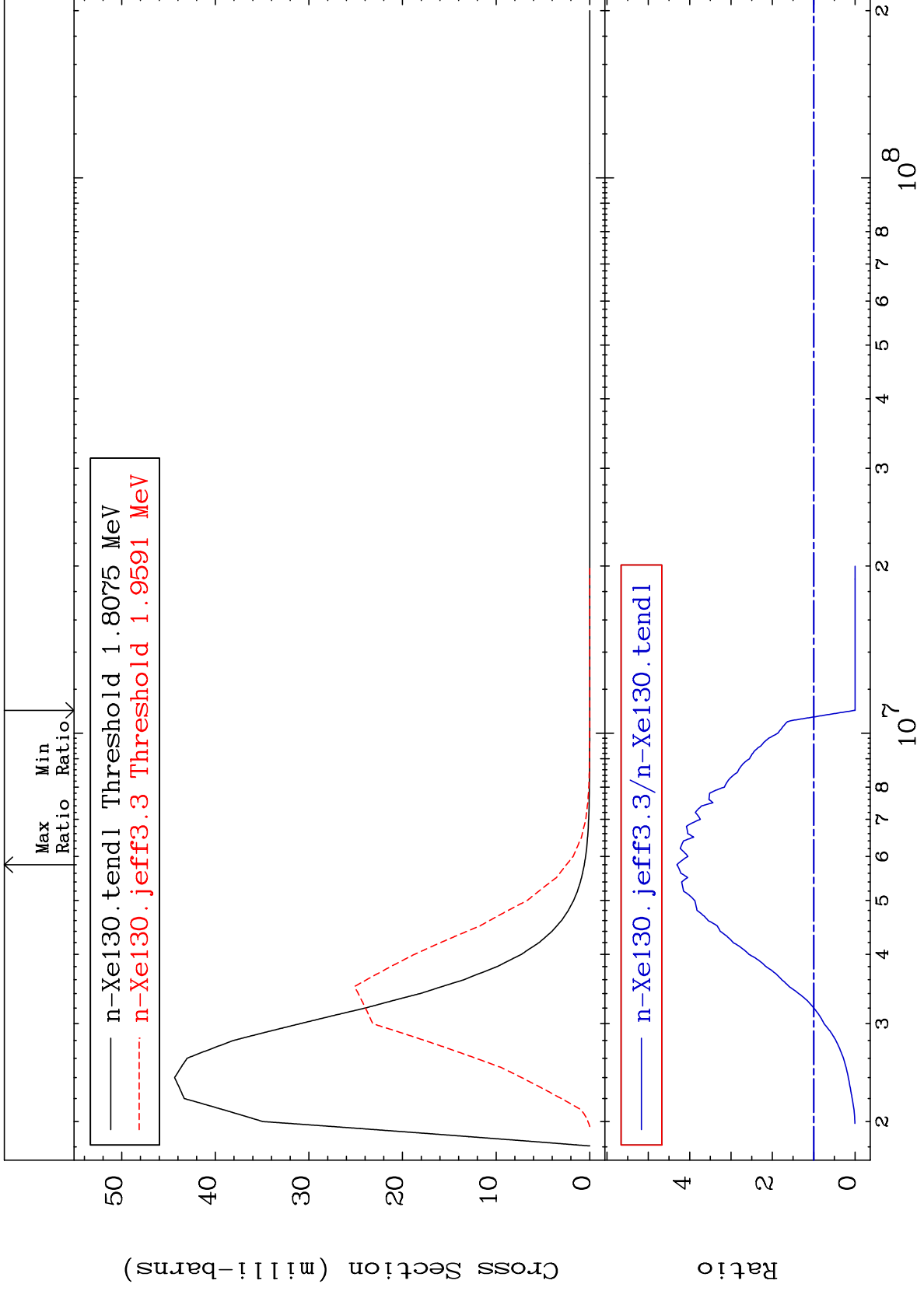
Incident Energy (eV)

54-Xe-130

MAT 5443

MT= 56 (n,n') Level
Cross Section

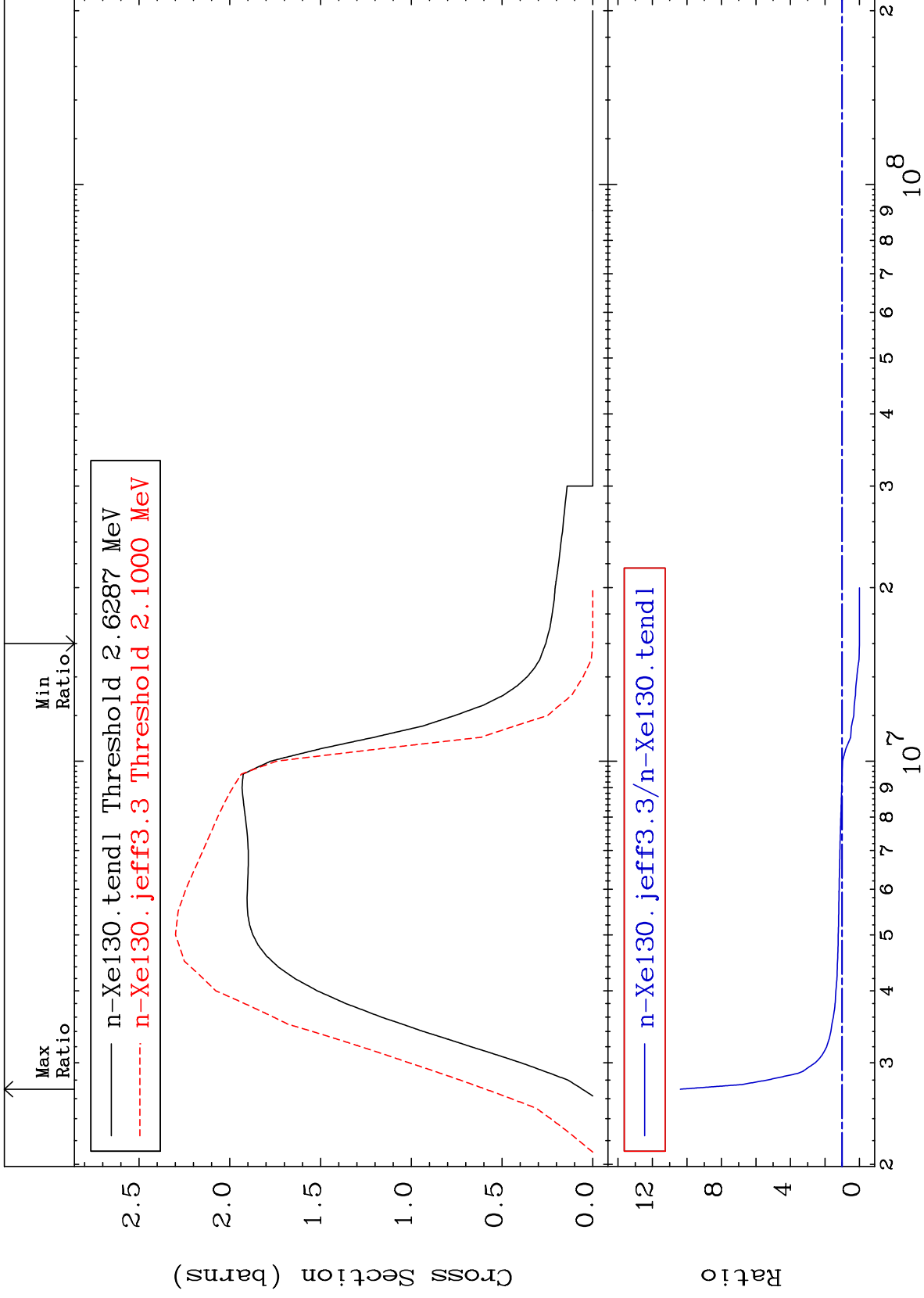
54-Xe-130
-100.0 To 330.8 %



MAT 5443

(n, n') Continuum
Cross Section

54-Xe-130
-100.0 To 938.3 %



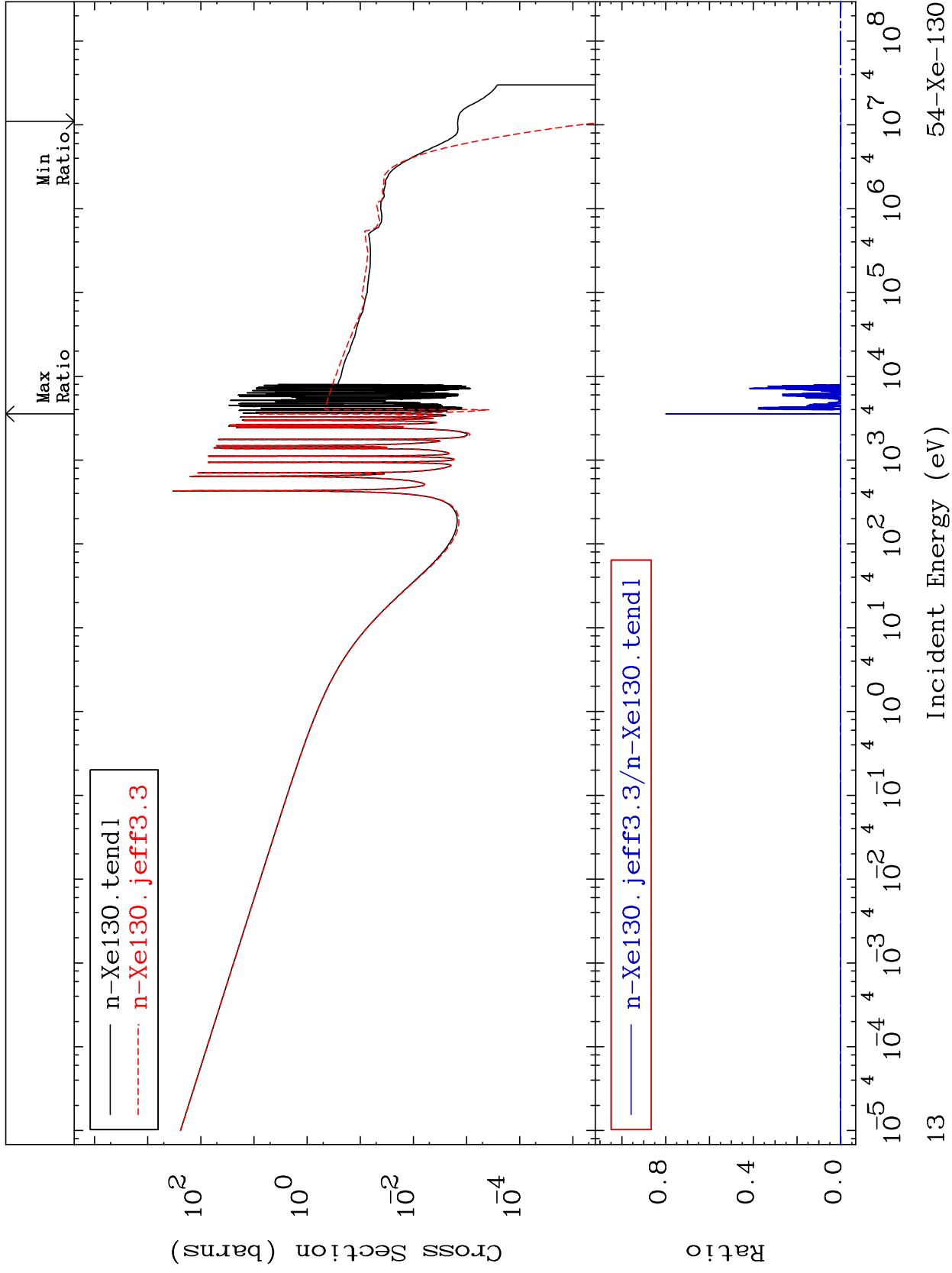
MAT 5443

(n, γ)

54-Xe-130

Cross Section

-100.0 To 9999. %



13

Incident Energy (eV)

54-Xe-130

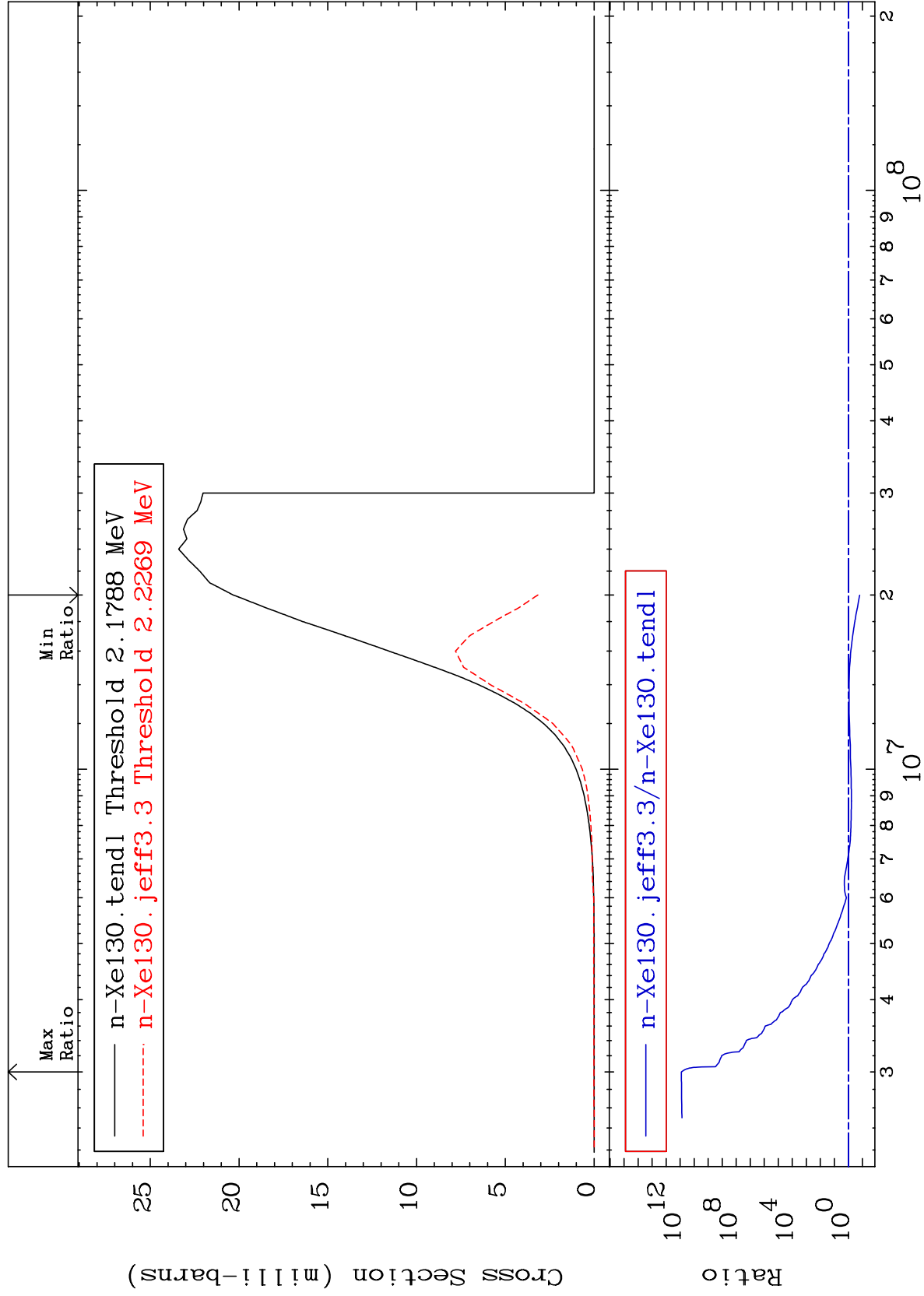
MAT 5443

(n, p)

54-Xe-130

Cross Section

-84.41 To 9999. %



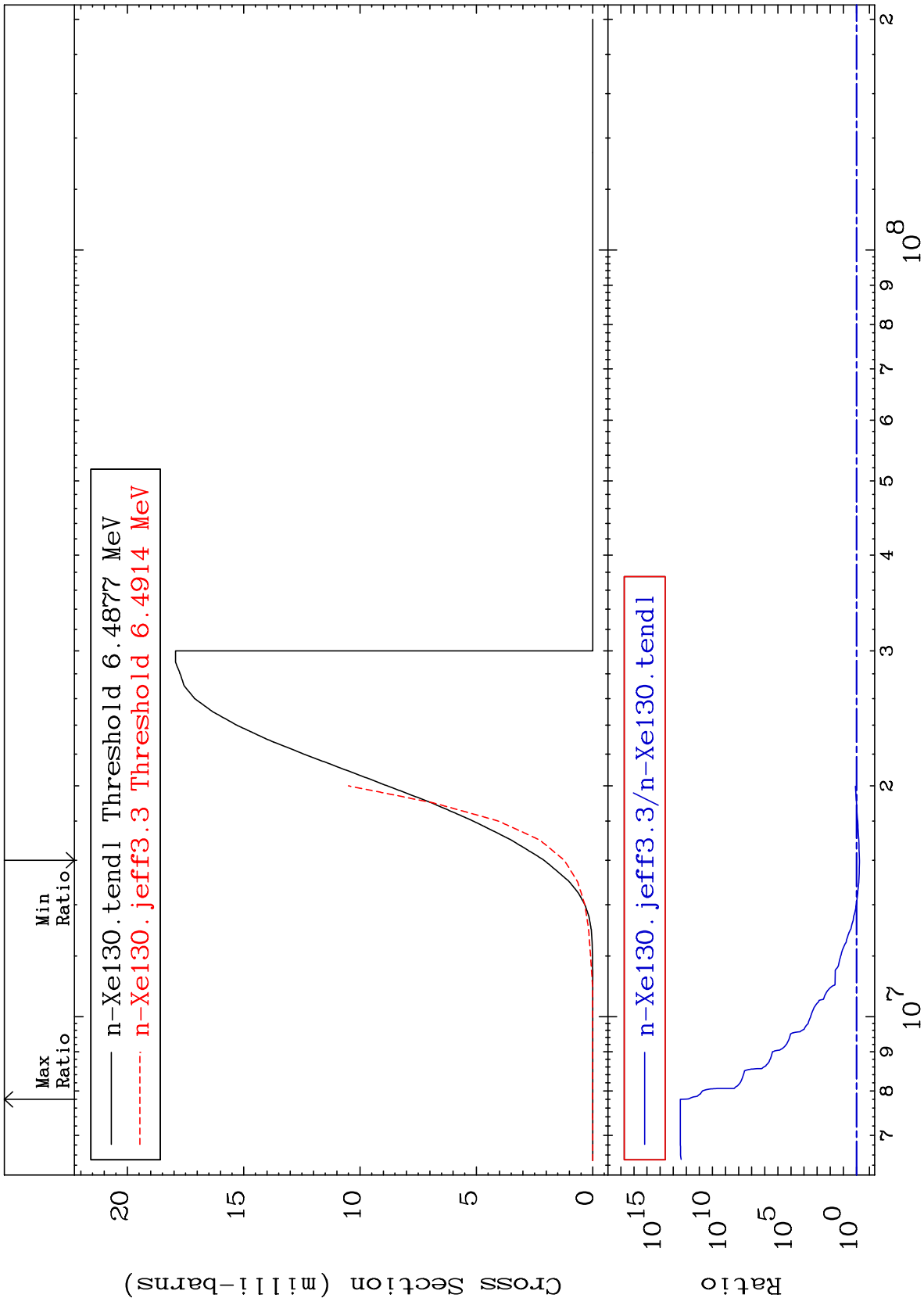
MAT 5443

(n, d)

54-Xe-130

Cross Section

-41.21 To 9999. %



15

Incident Energy (eV)

54-Xe-130

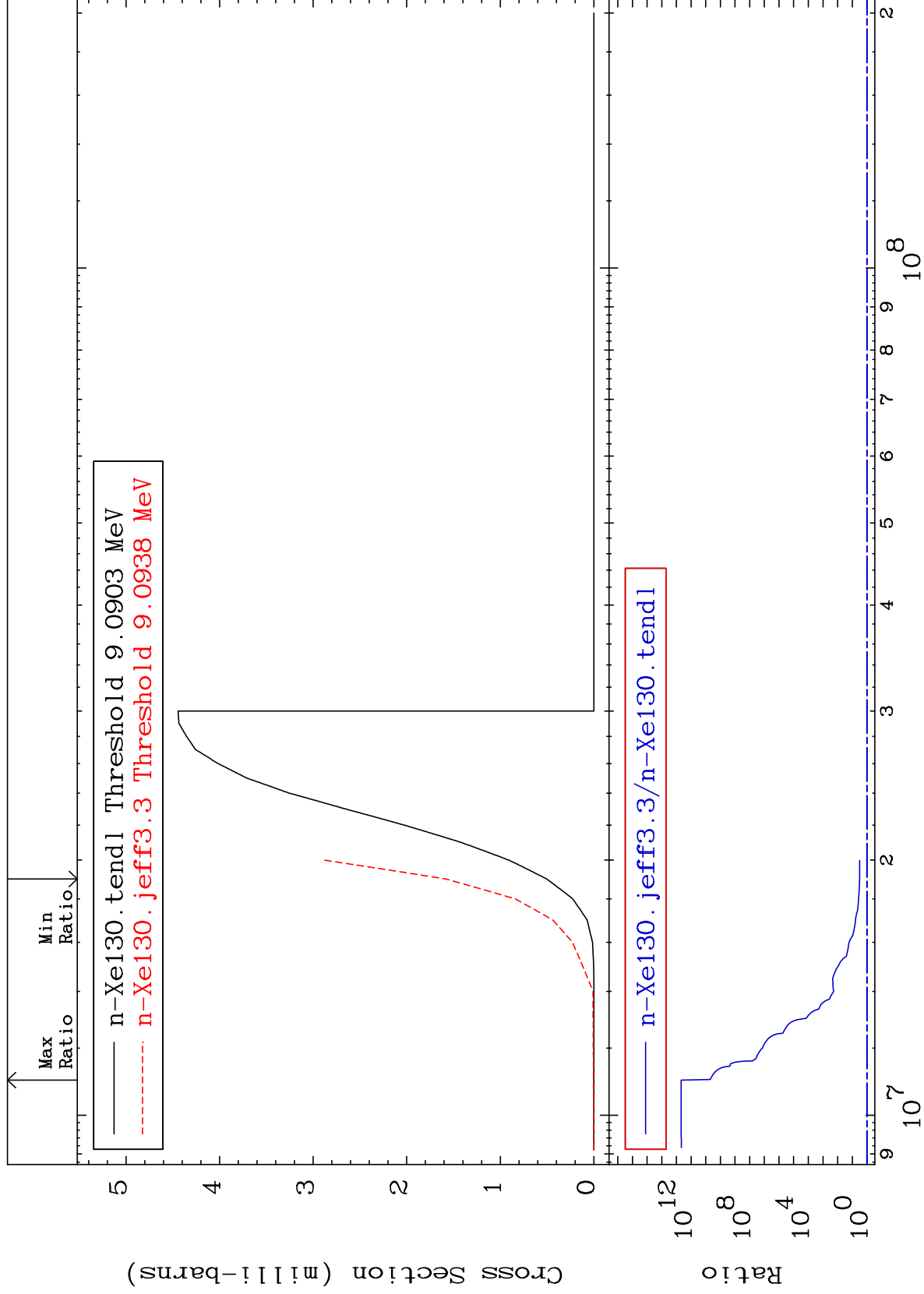
MAT 5443

(n, t)

54-Xe-130

Cross Section

214.5 To 9999. %



Incident Energy (eV)

54-Xe-130

16

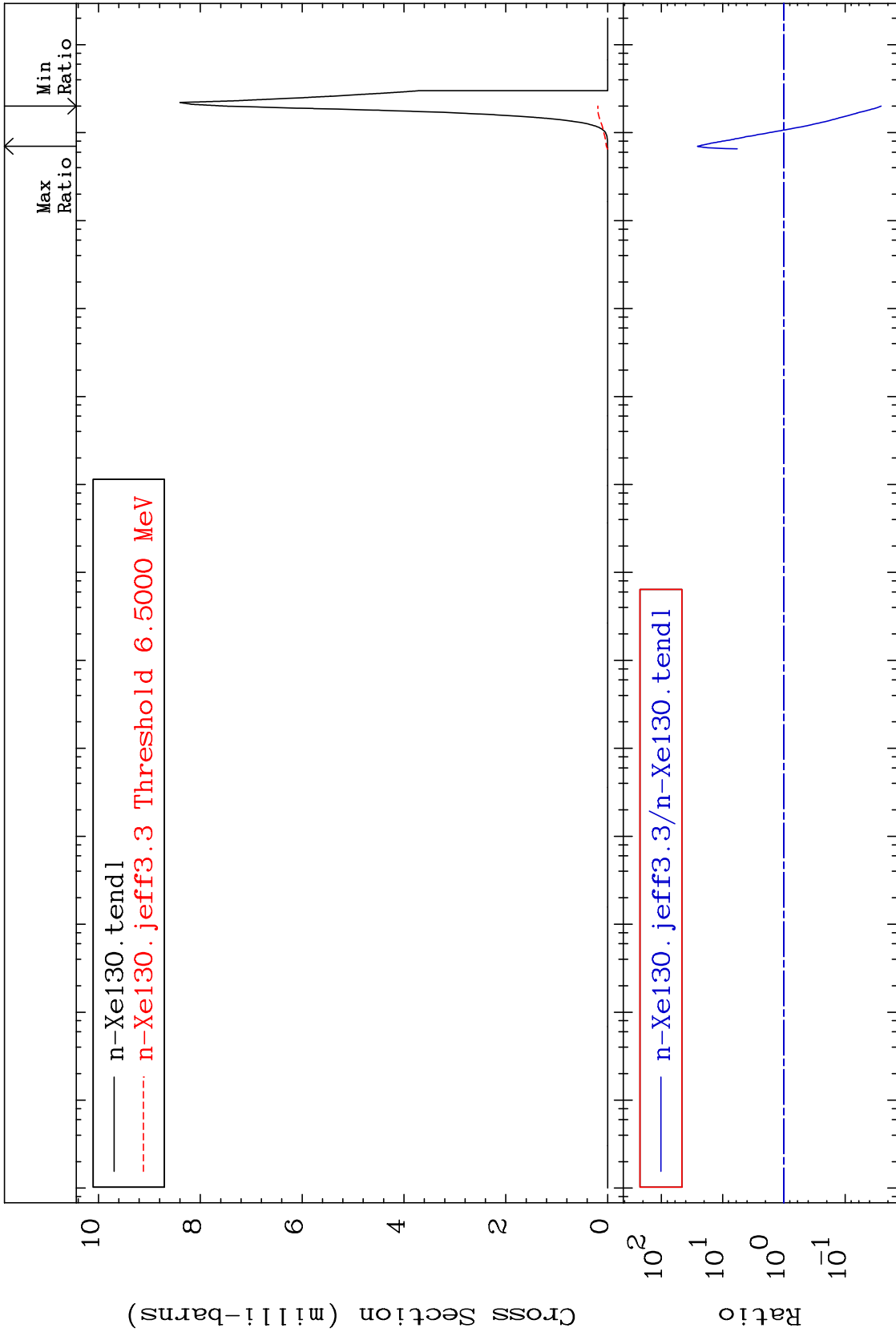
MAT 5443

(n, α)

54-Xe-130

Cross Section

-97.41 To 2470. %



Incident Energy (eV)

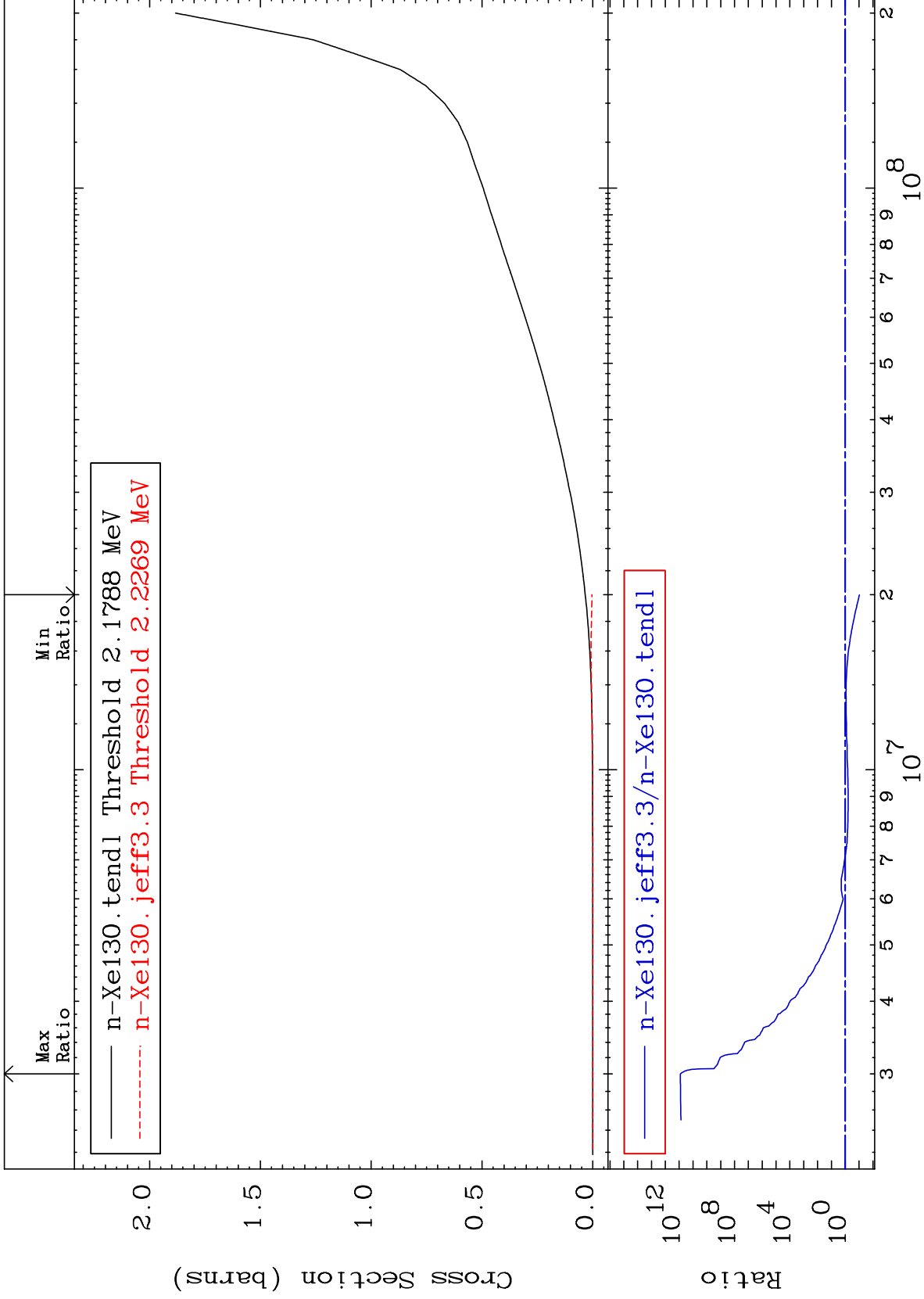
54-Xe-130

17

MAT 5443

Hydrogen Production
Cross Section

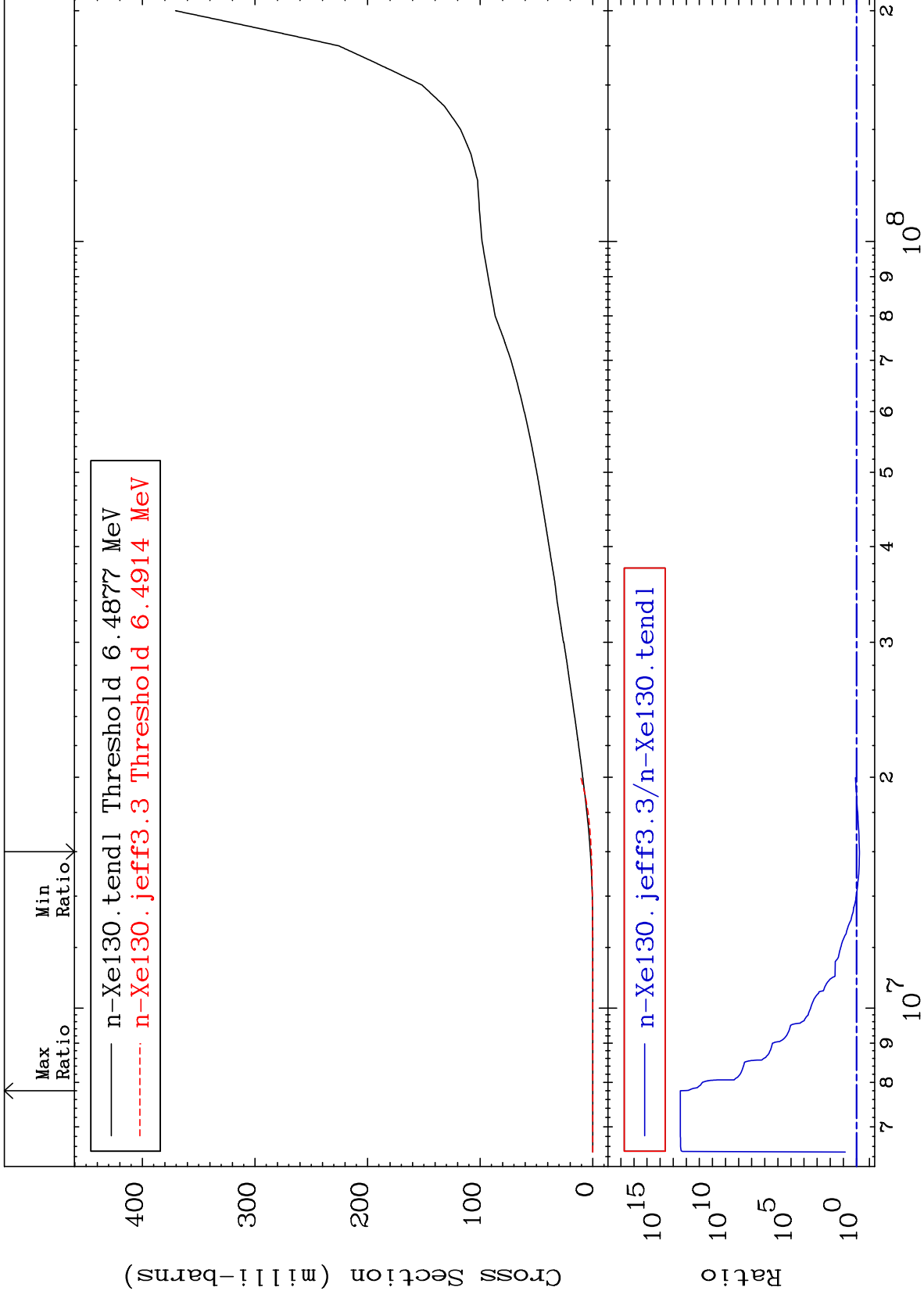
54-Xe-130
-90.60 To 9999. %



MAT 5443

Deuterium Production
Cross Section

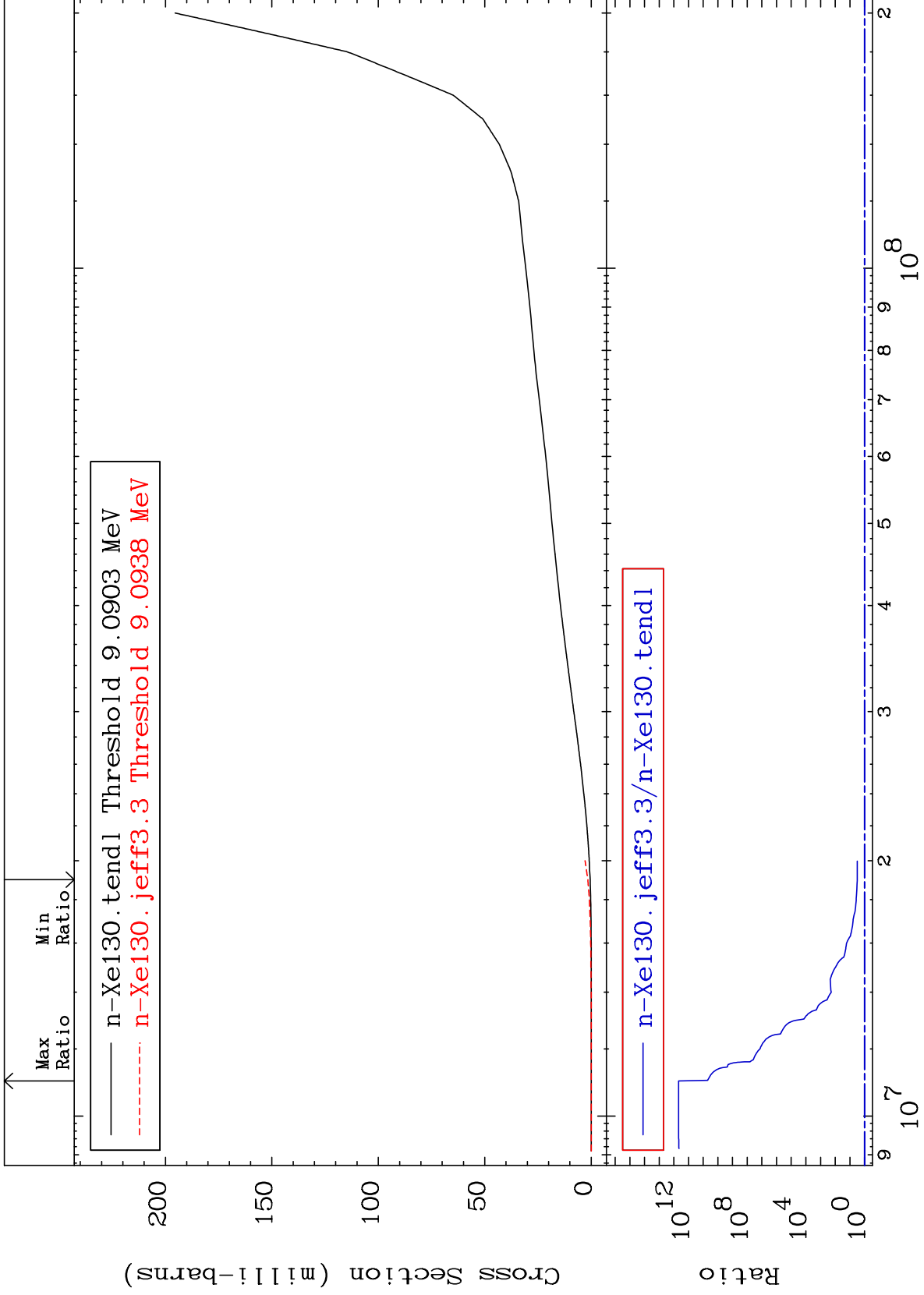
54-Xe-130
-41.21 To 9999. %



MAT 5443

Tritium Production
Cross Section

54-Xe-130
214.5 To 9999. %



20

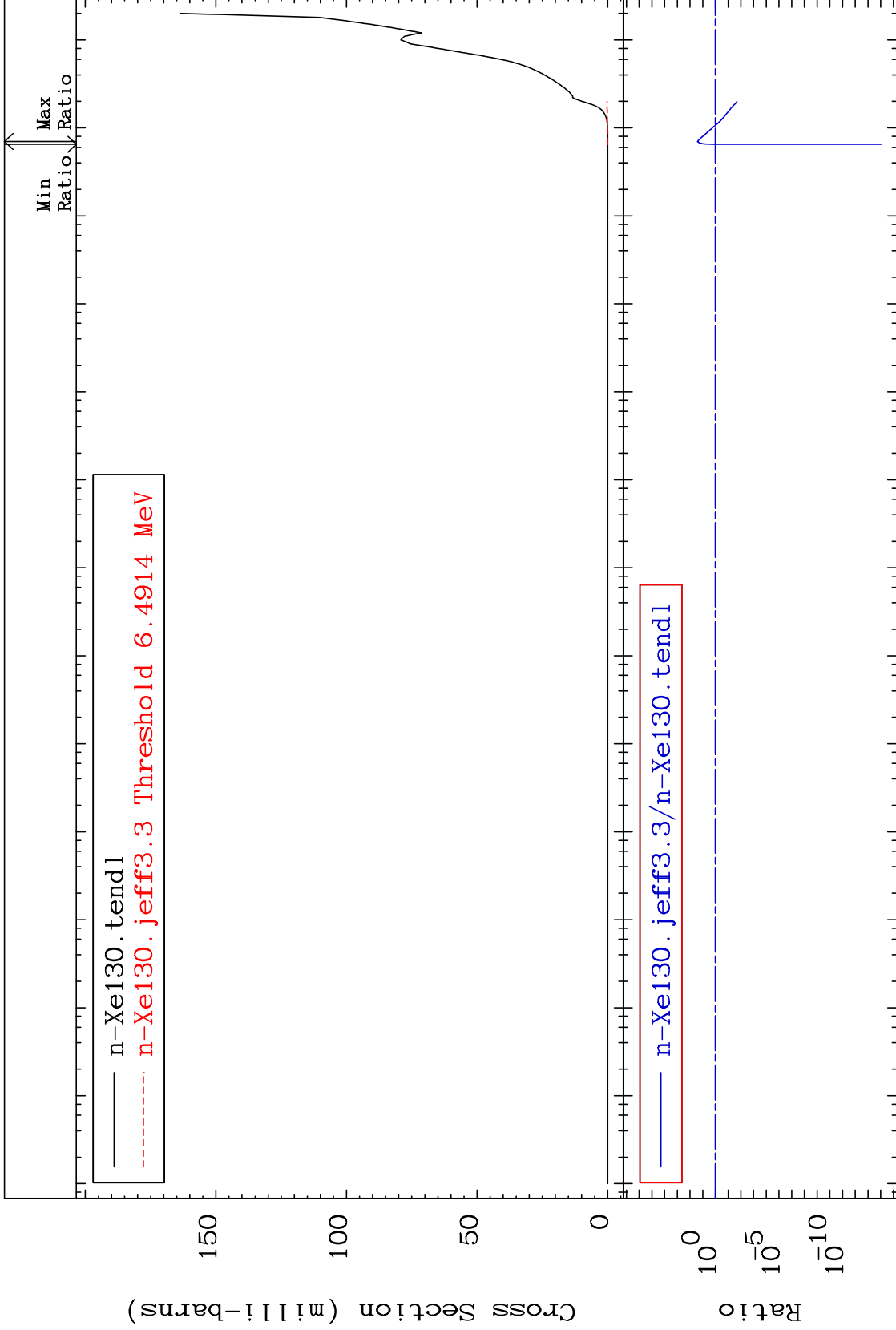
Incident Energy (eV)

54-Xe-130

MAT 5443

He-4 Production
Cross Section

54-Xe-130
-100.0 To 2470. %



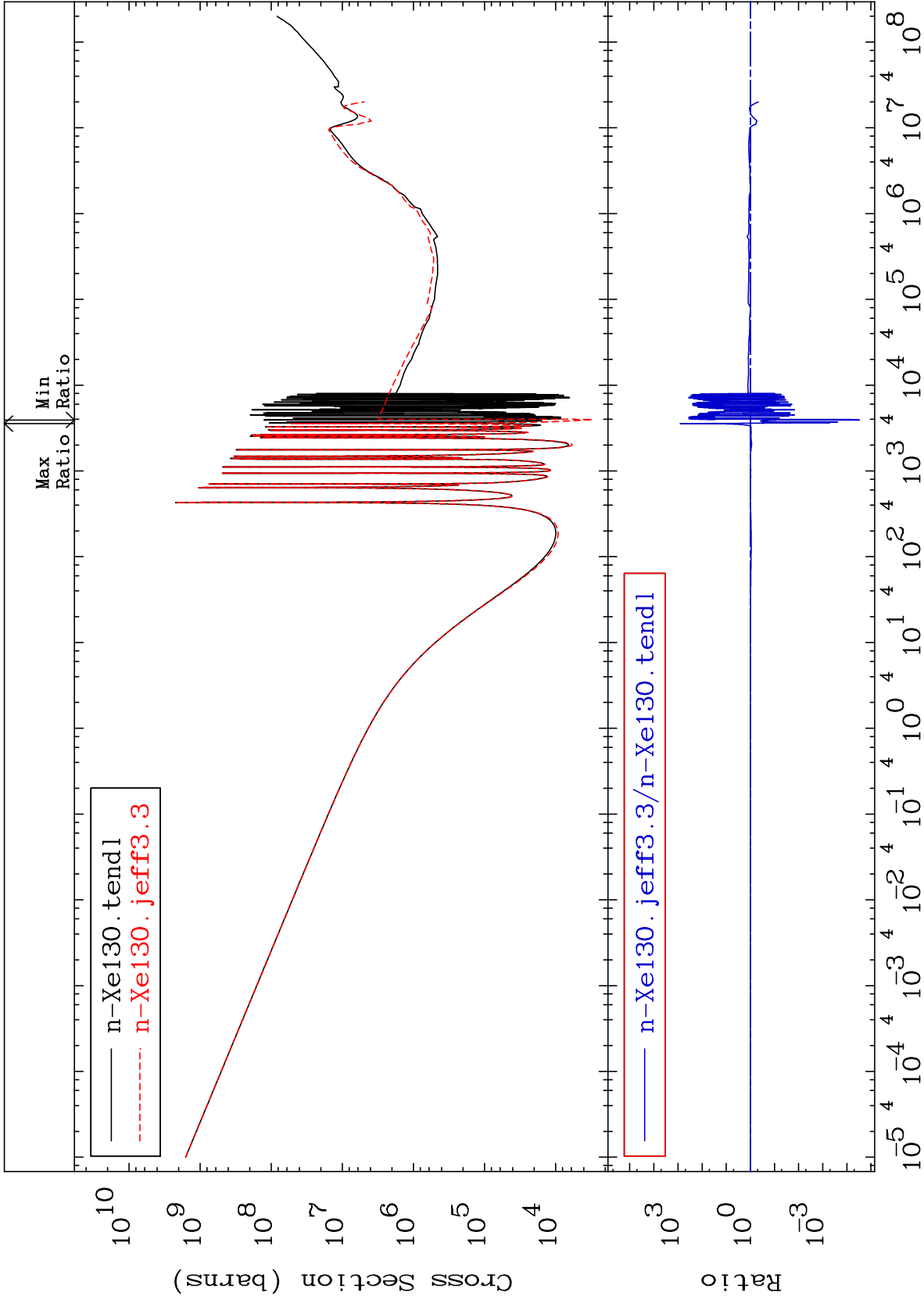
MAT 5443

Kerma total (eV-barns)

54-Xe-130

Cross Section

-100.0 To 9999. %



22

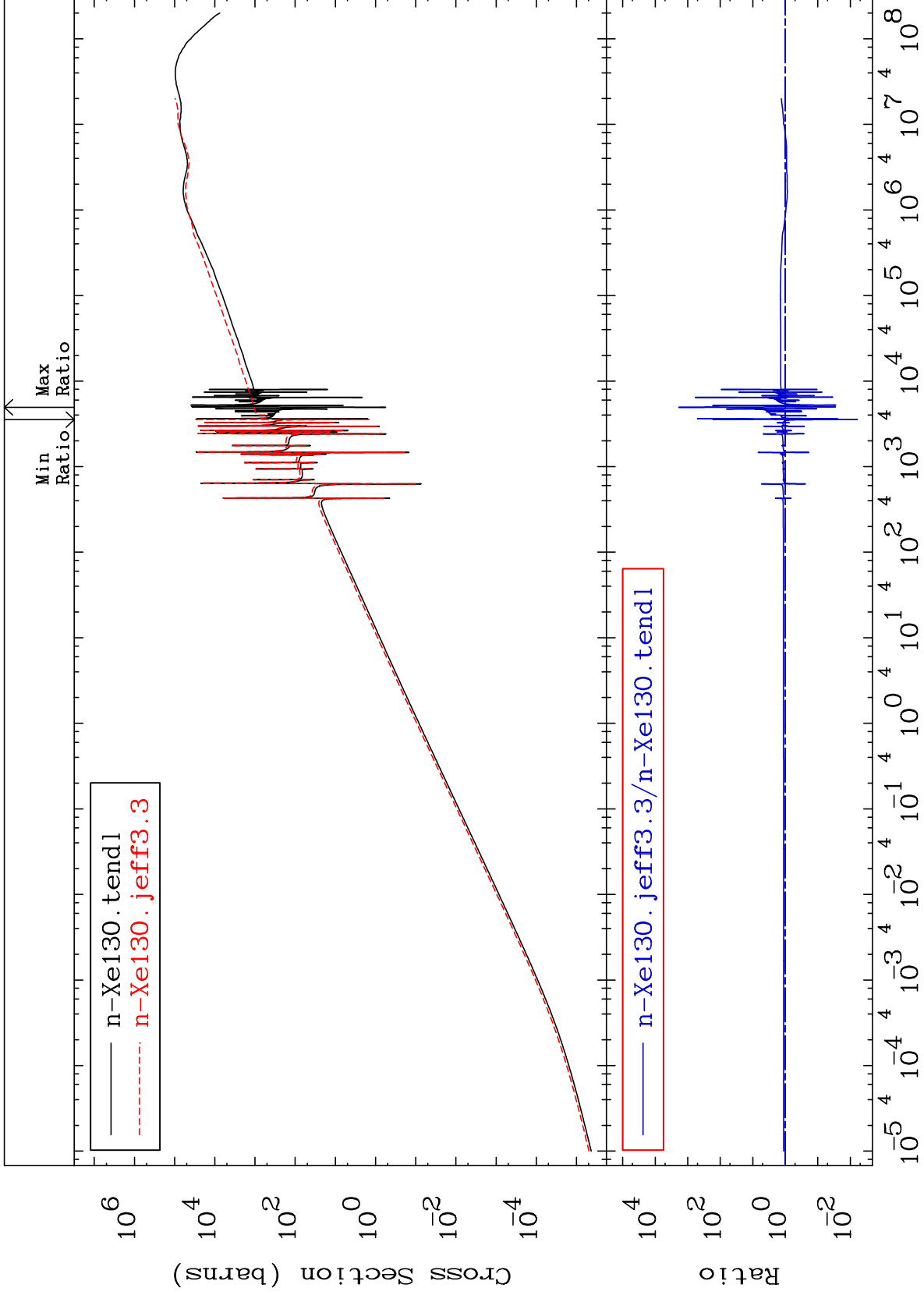
Incident Energy (eV)

54-Xe-130

MAT 5443

Kerma elastic
Cross Section

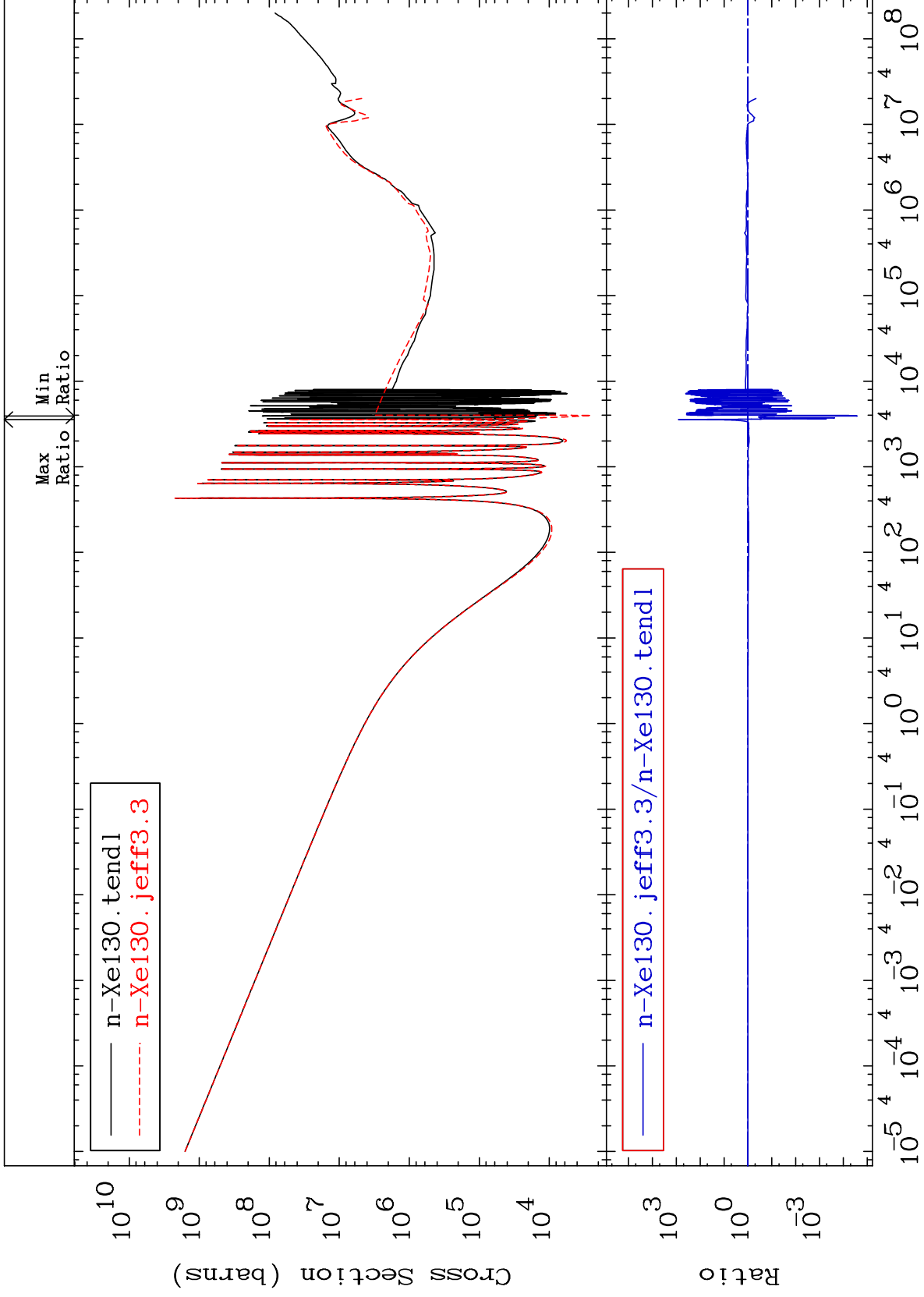
54-Xe-130
-99.39 To 9999. %



MAT 5443

Kerma non-elastic (all but mt2)
Cross Section

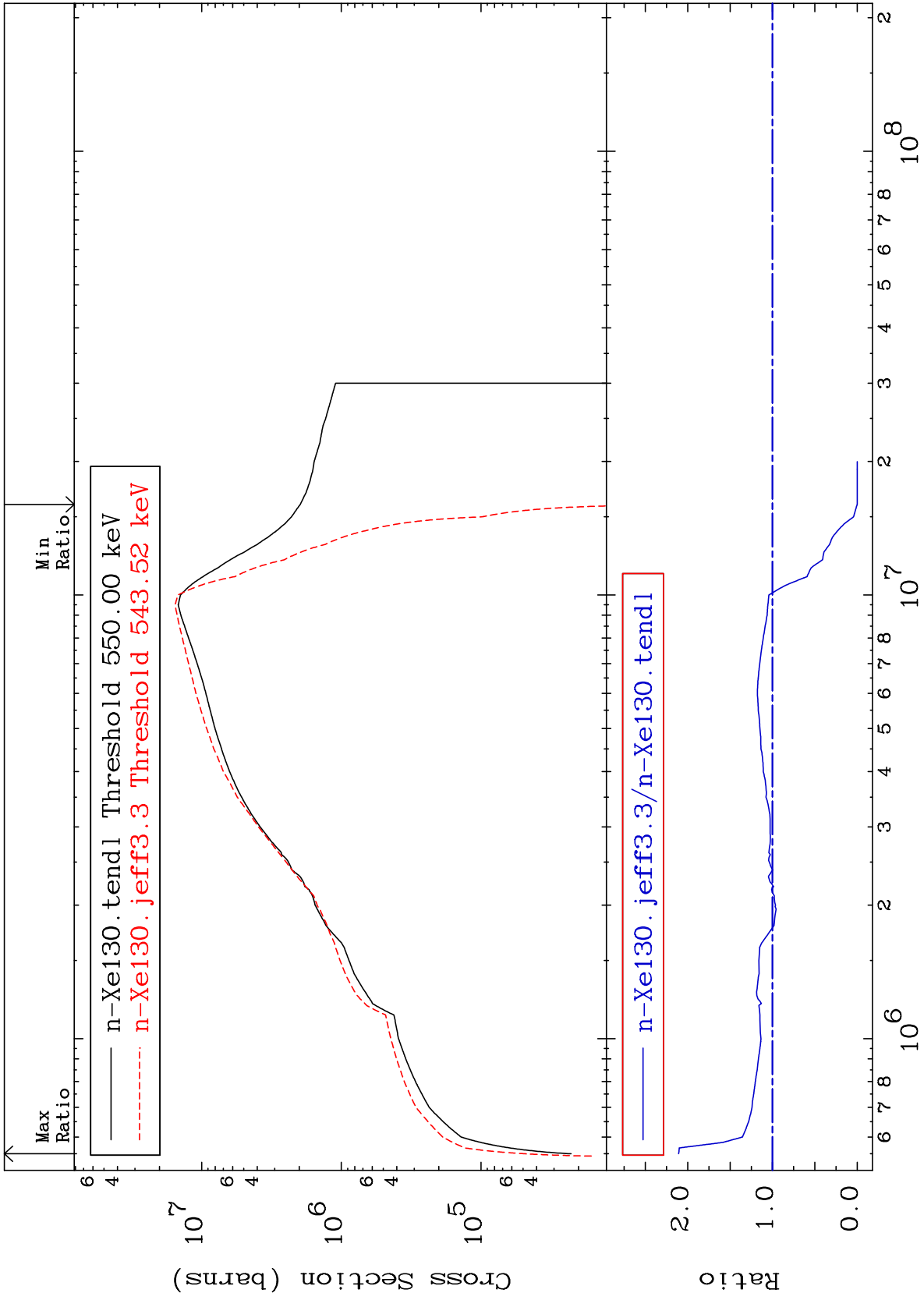
54-Xe-130
-100.0 To 9999. %



MAT 5443

Kerma inelastic (mt51-91)
Cross Section

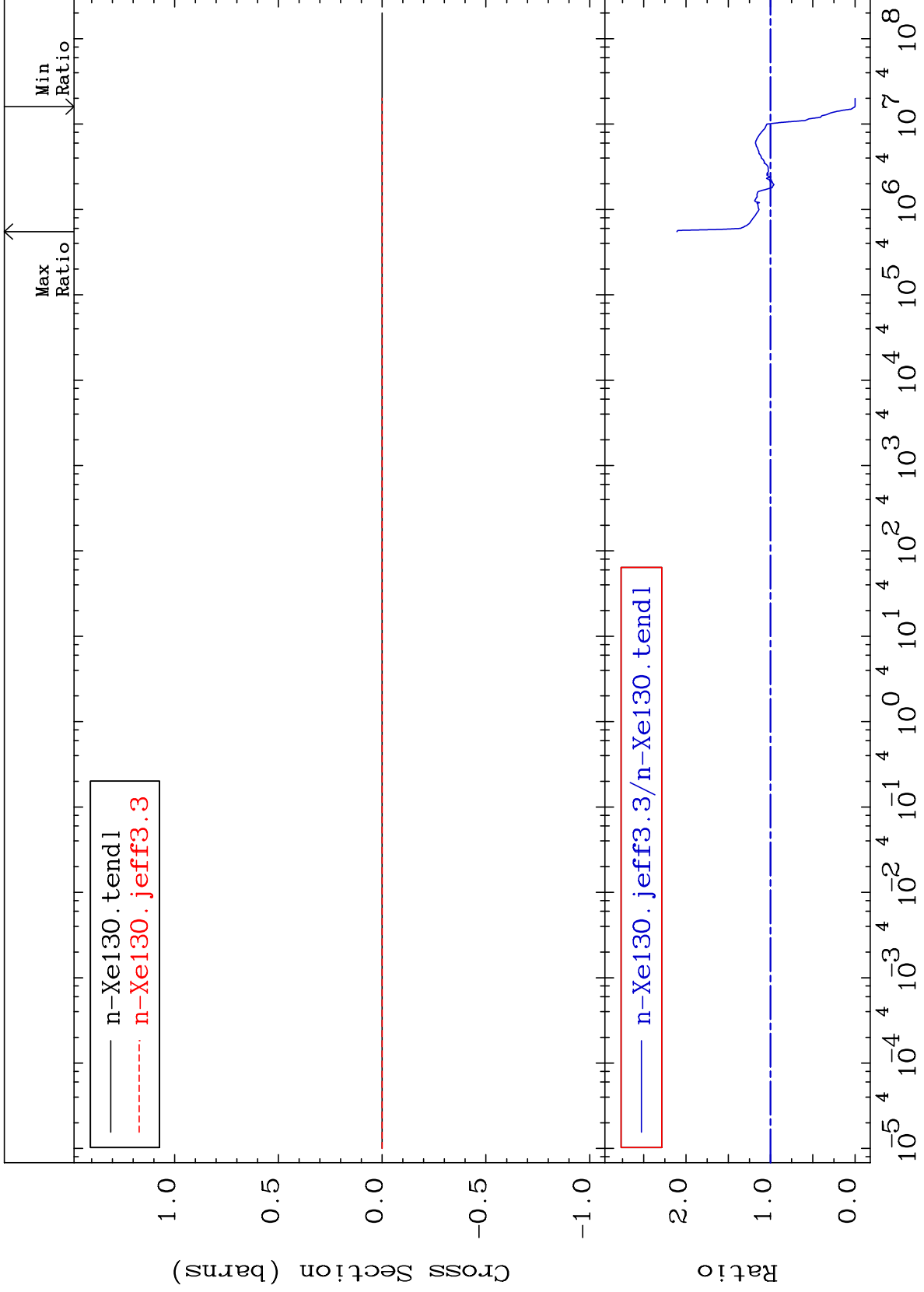
54-Xe-130
-100.0 To 110.7 %



MAT 5443

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

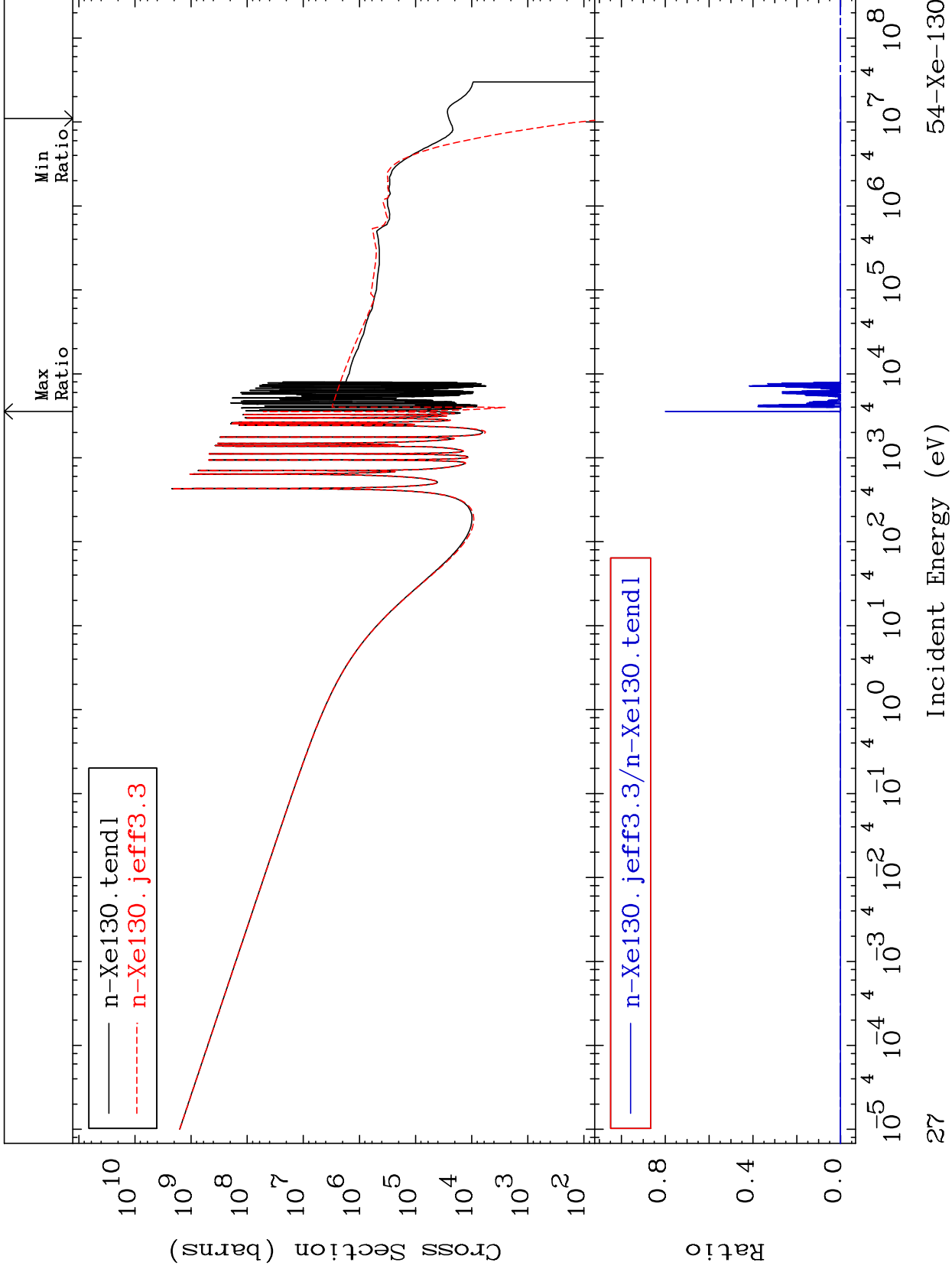
54-Xe-130
-100.0 To 110.7 %



MAT 5443

Kerma capture (mt102)
Cross Section

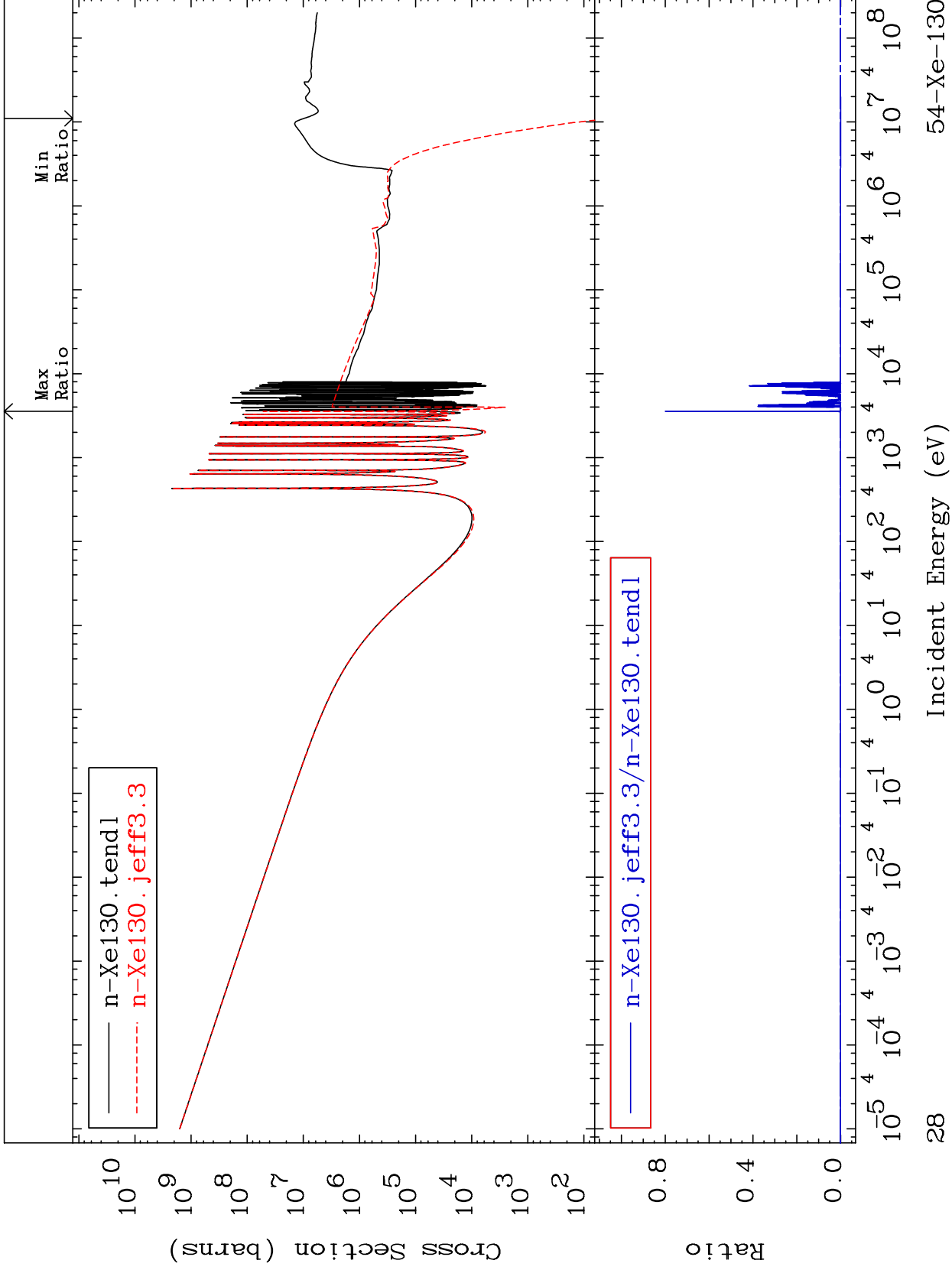
54-Xe-130
-100.0 To 9999. %



MAT 5443

Total photon (eV-barns)
Cross Section

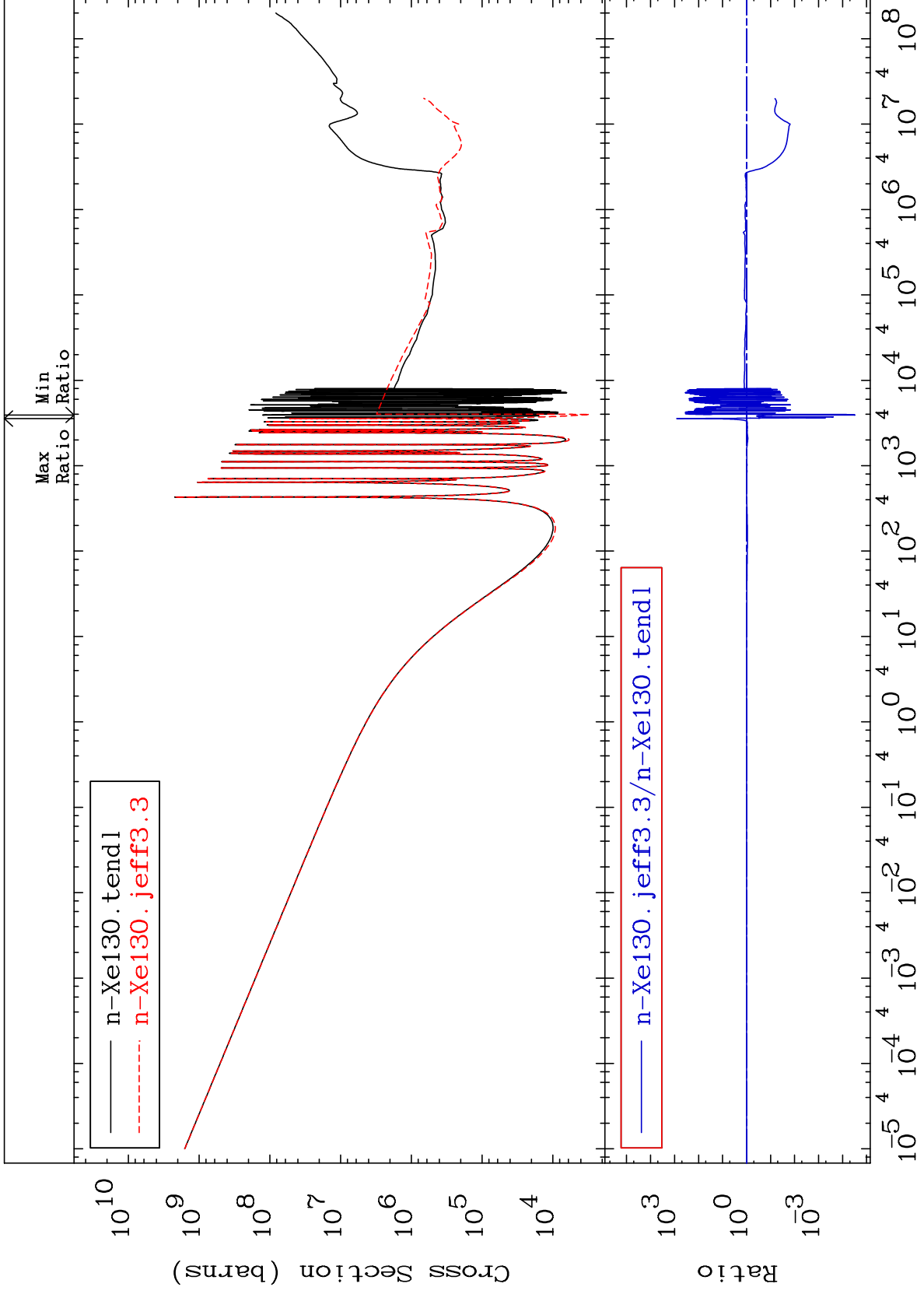
54-Xe-130
-100.0 To 9999. %



MAT 5443

Total kinematic kerma (high limit)
Cross Section

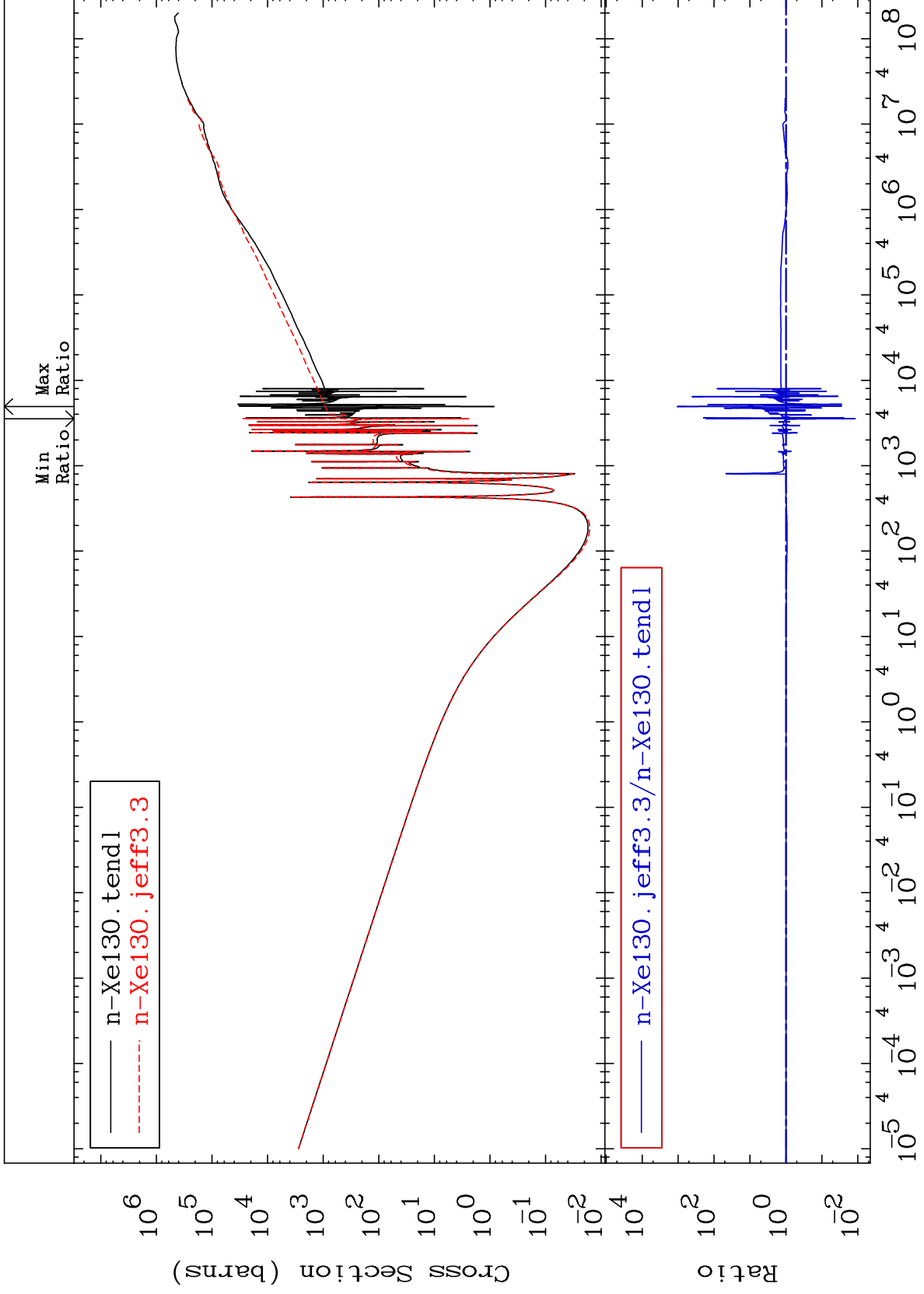
54-Xe-130
-100.0 To 9999. %



MAT 5443

Dpa total (eV-barns)
Cross Section

54-Xe-130
-98.81 To 9999. %



30

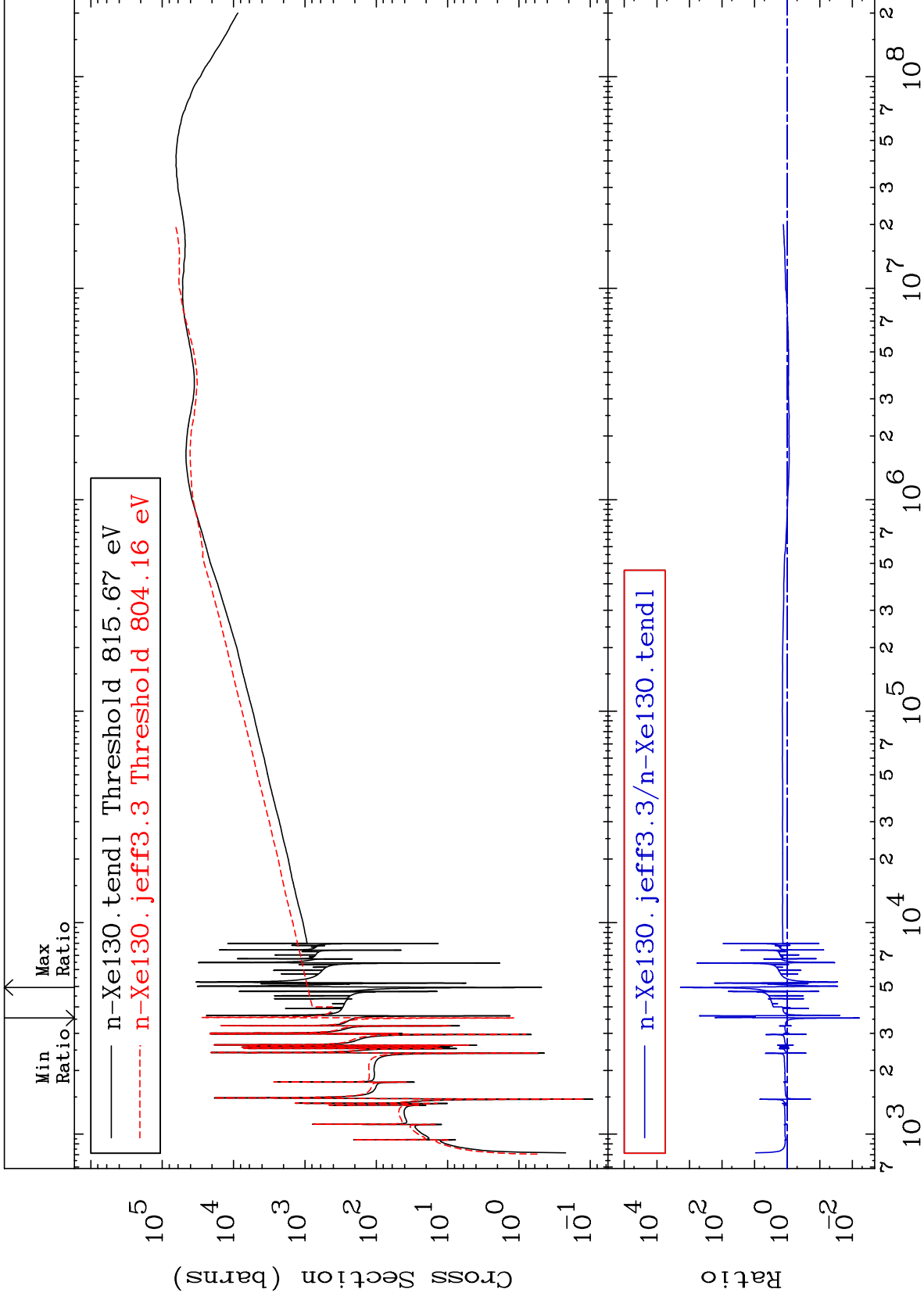
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa elastic (mt2)
Cross Section

54-Xe-130
-99.39 To 9999. %



31

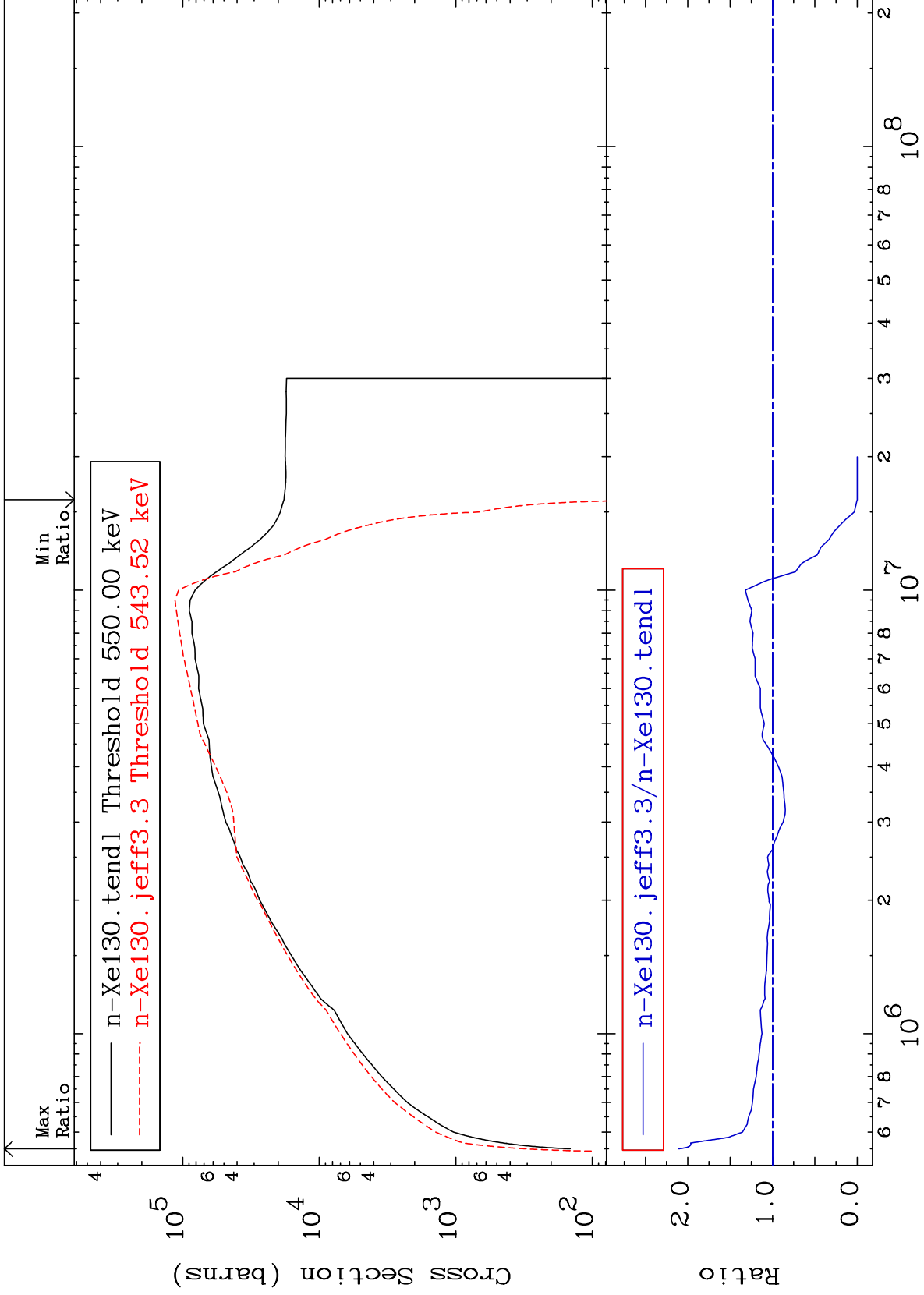
Incident Energy (eV)

54-Xe-130

MAT 5443

Dpa inelastic (mt51-91)
Cross Section

54-Xe-130
-100.0 To 110.8 %



MAT 5443

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-130
-100.0 To 9999. %

