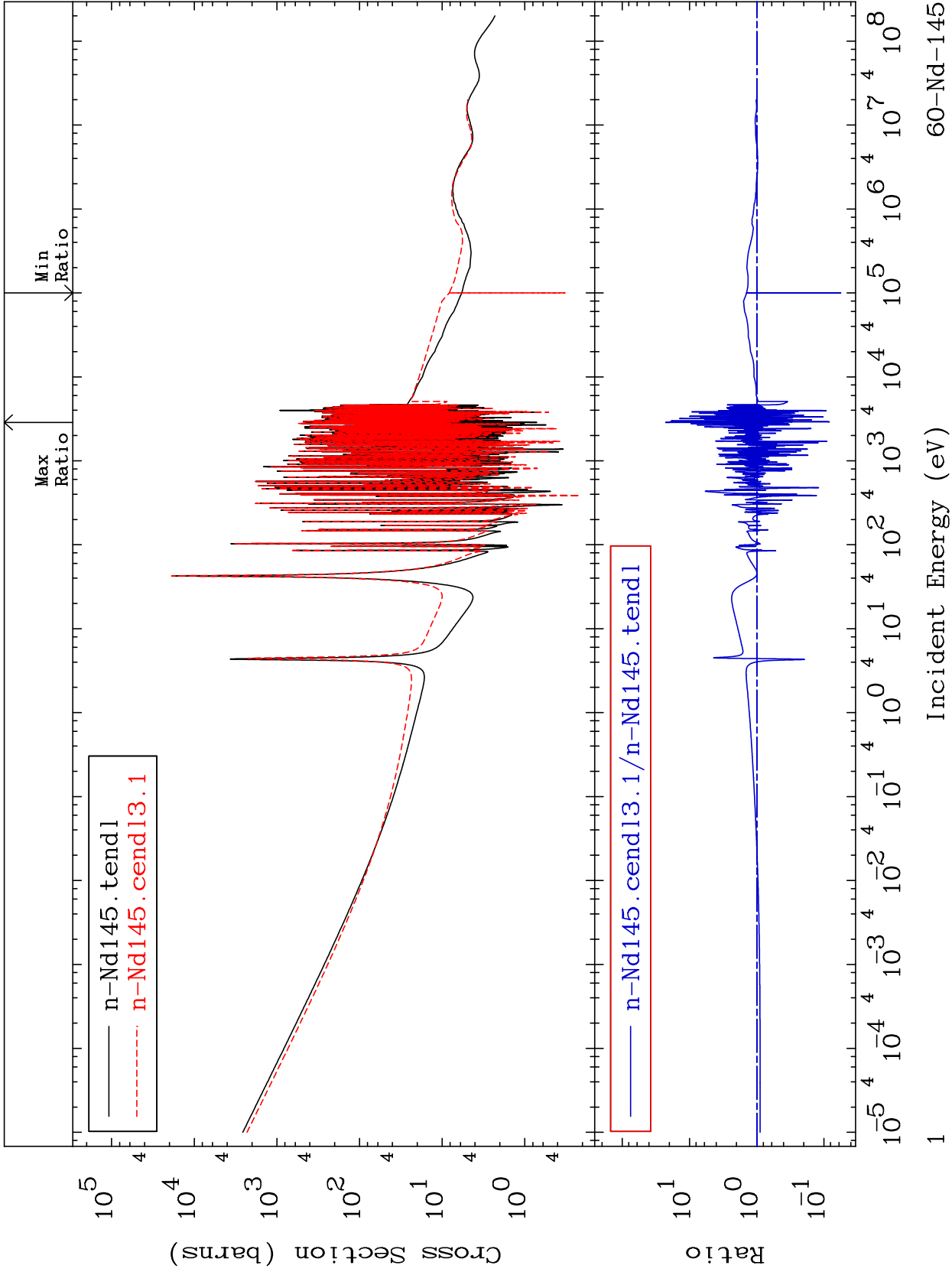


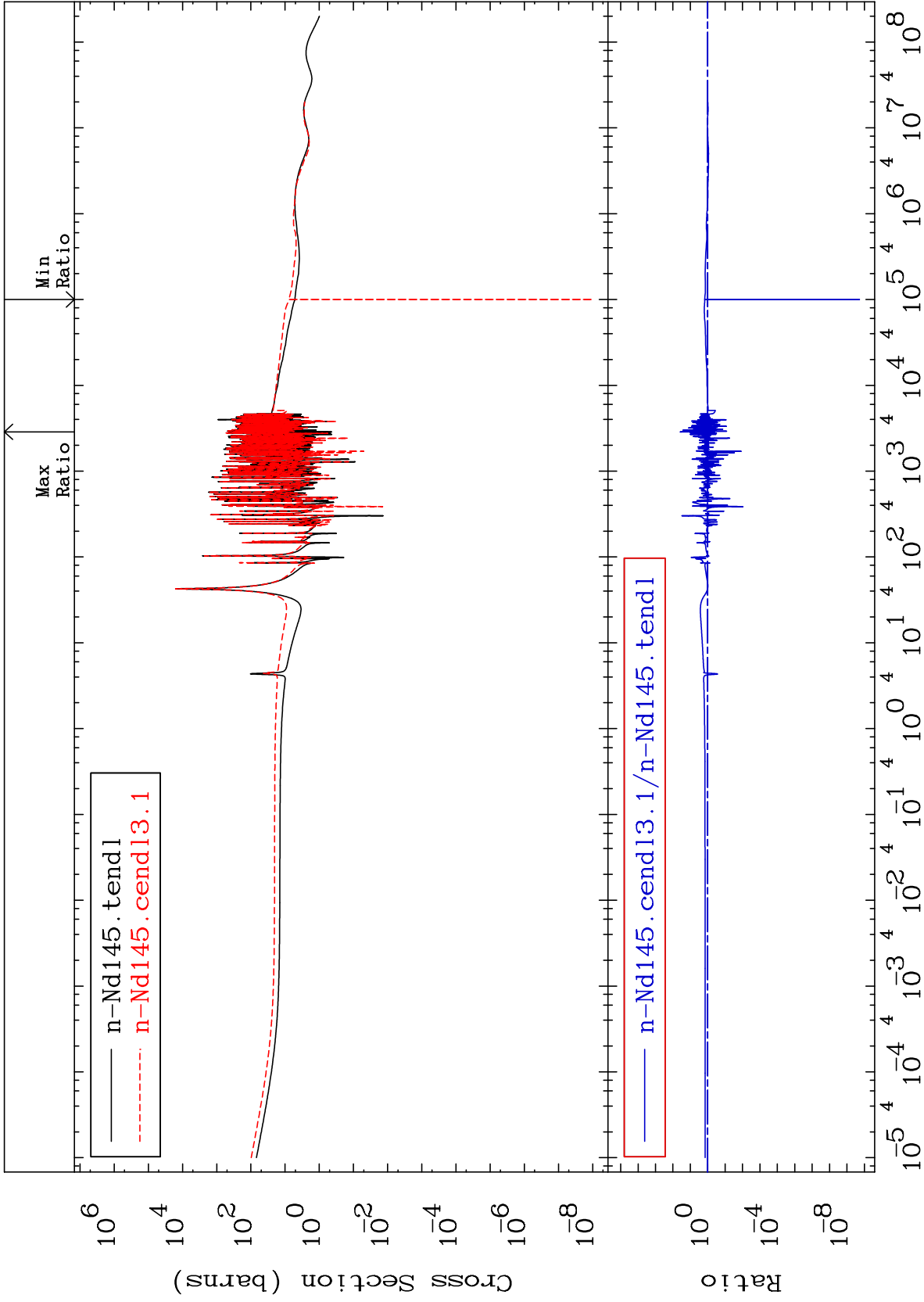
MAT 6034

Total Cross Section
60-Nd-145
-94.34 To 2172. %



MAT 6034

Elastic Cross Section
60-Nd-145
-100.0 To 3633. %



60-Nd-145

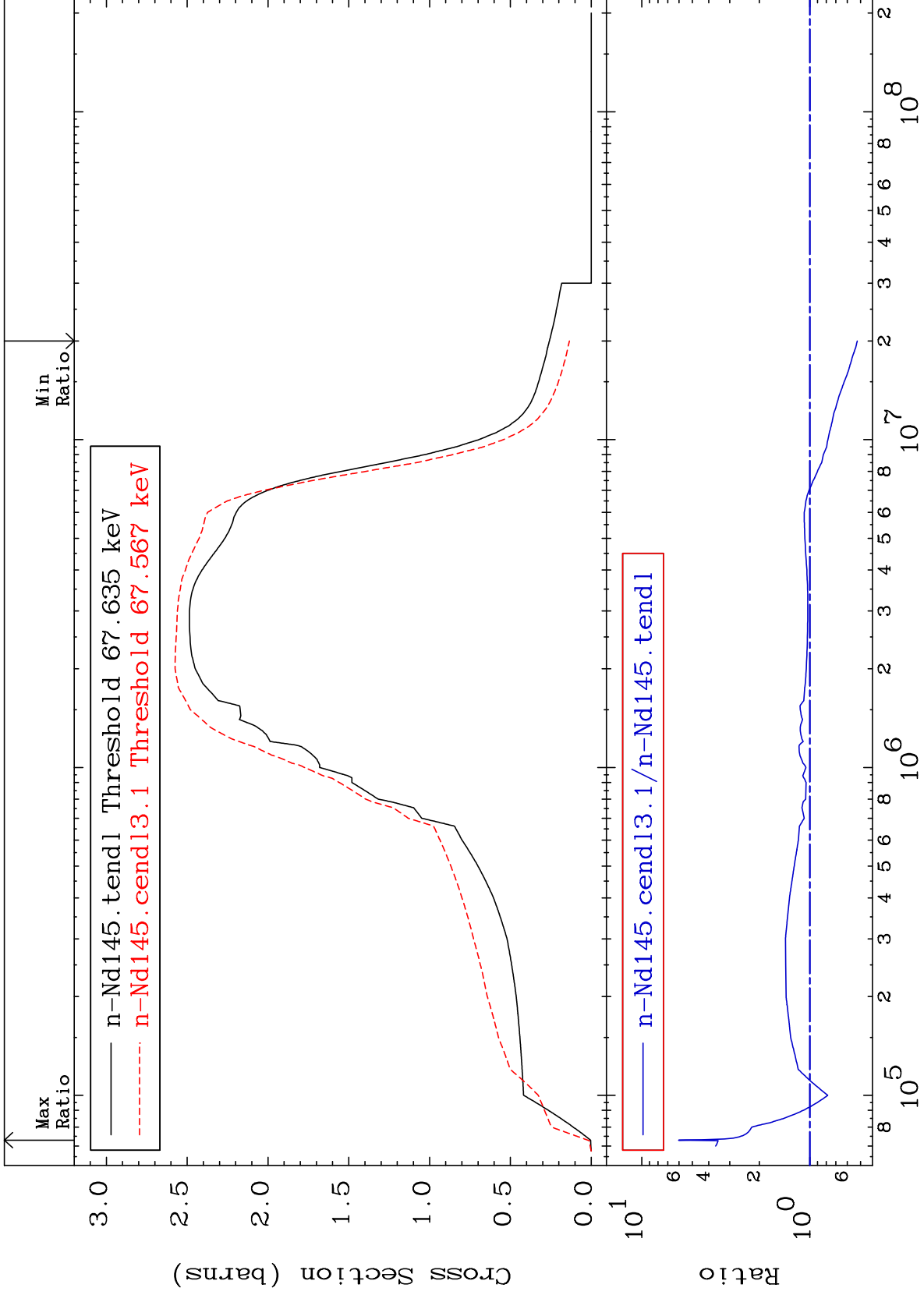
Incident Energy (eV)

2

MAT 6034

Inelastic
Cross Section

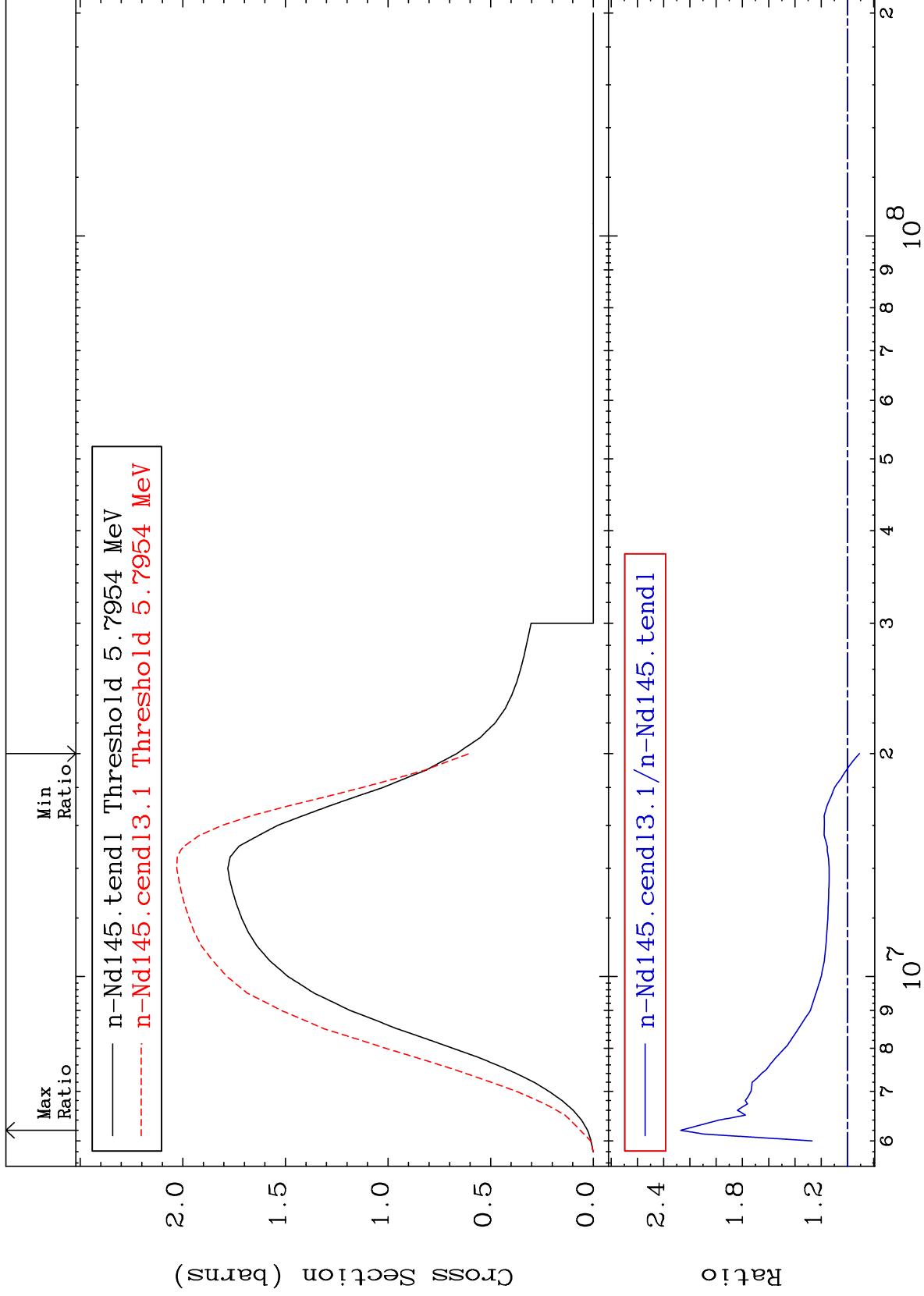
60-Nd-145
-47.74 To 503.8 %



MAT 6034

(n,2n)
Cross Section

60-Nd-145
-9.214 To 127.0 %



4

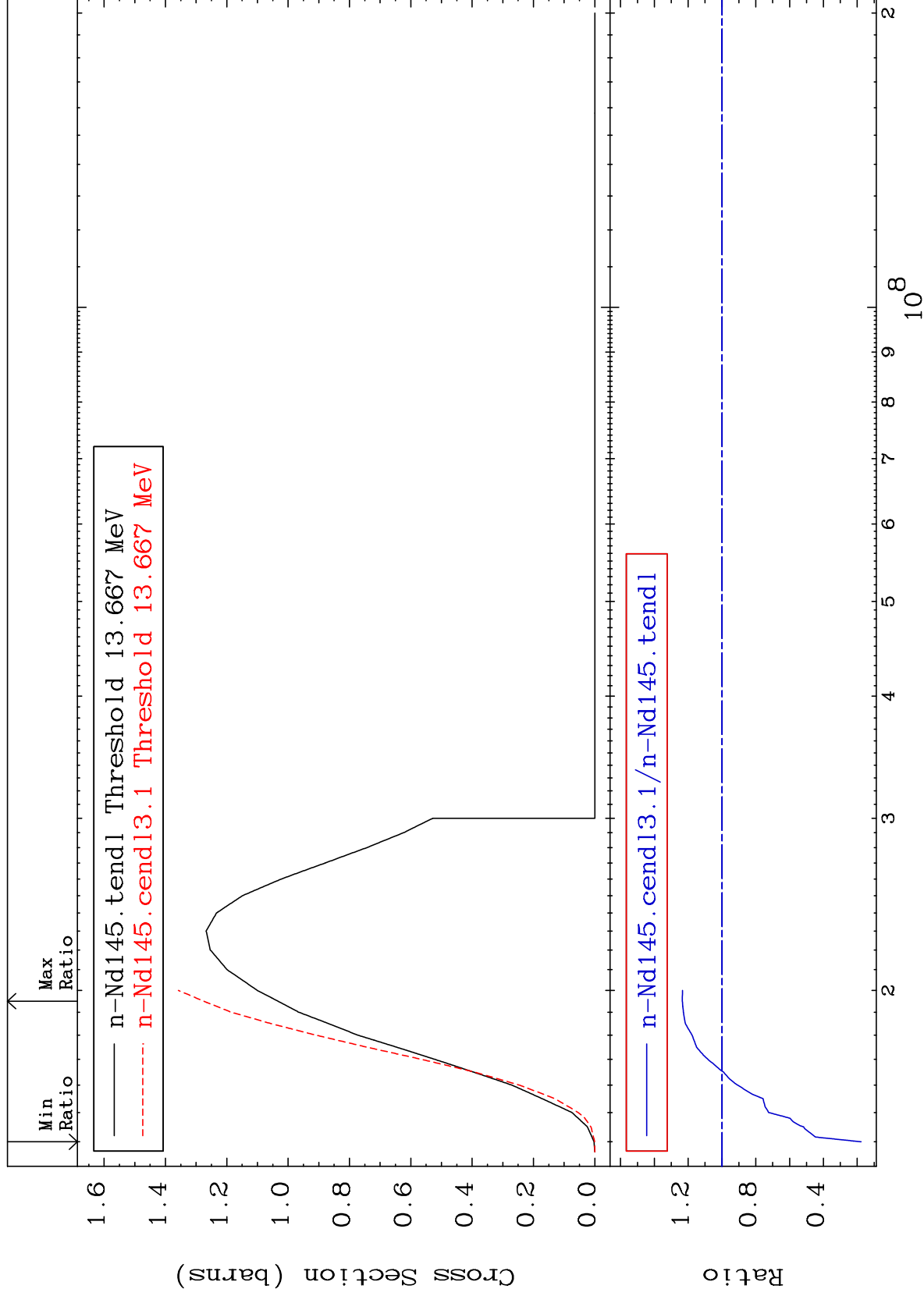
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,3n)
Cross Section

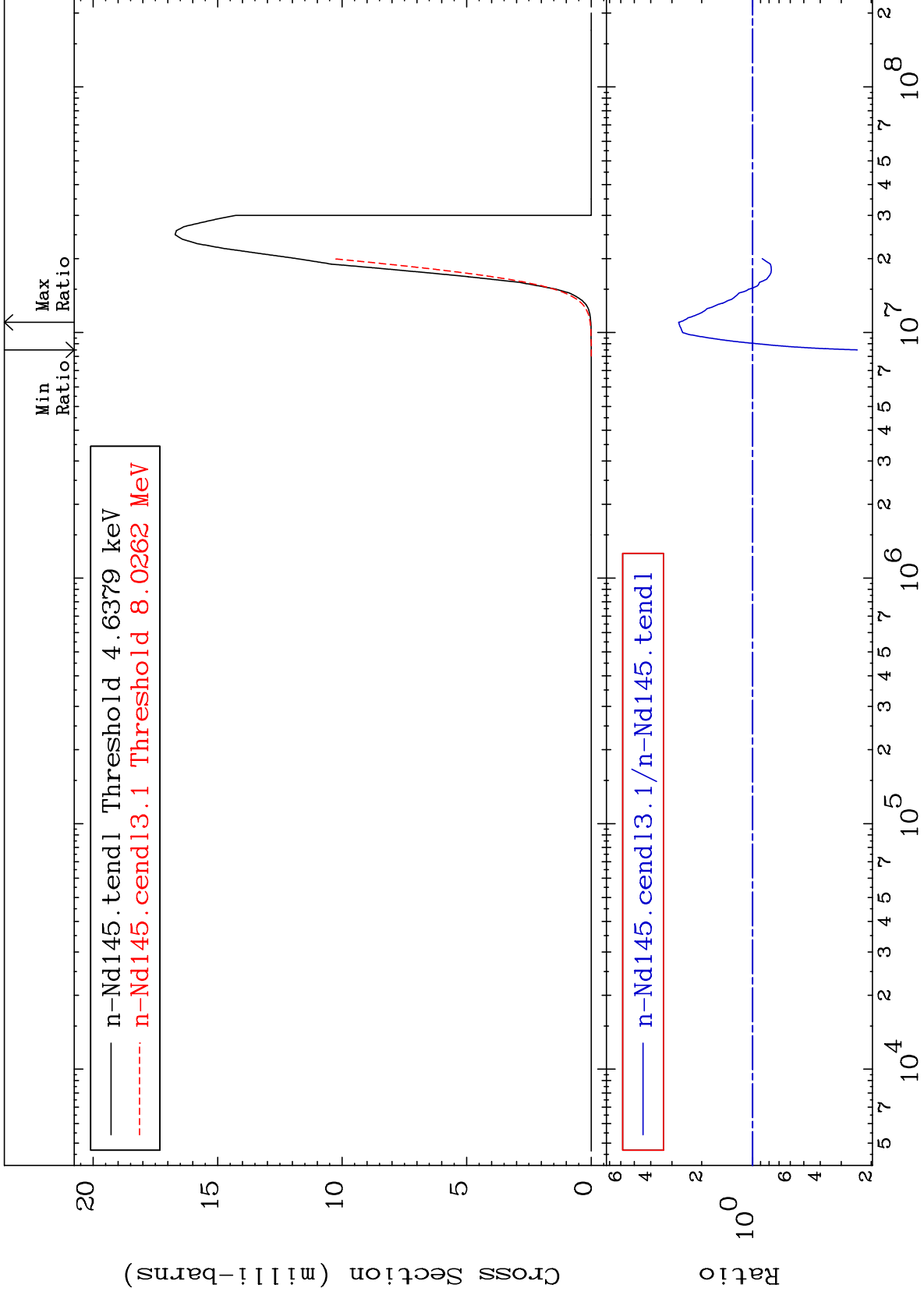
60-Nd-145
-82.28 To 23.45 %



MAT 6034

(n, n') α
Cross Section

60-Nd-145
-75.84 To 173.6 %



6

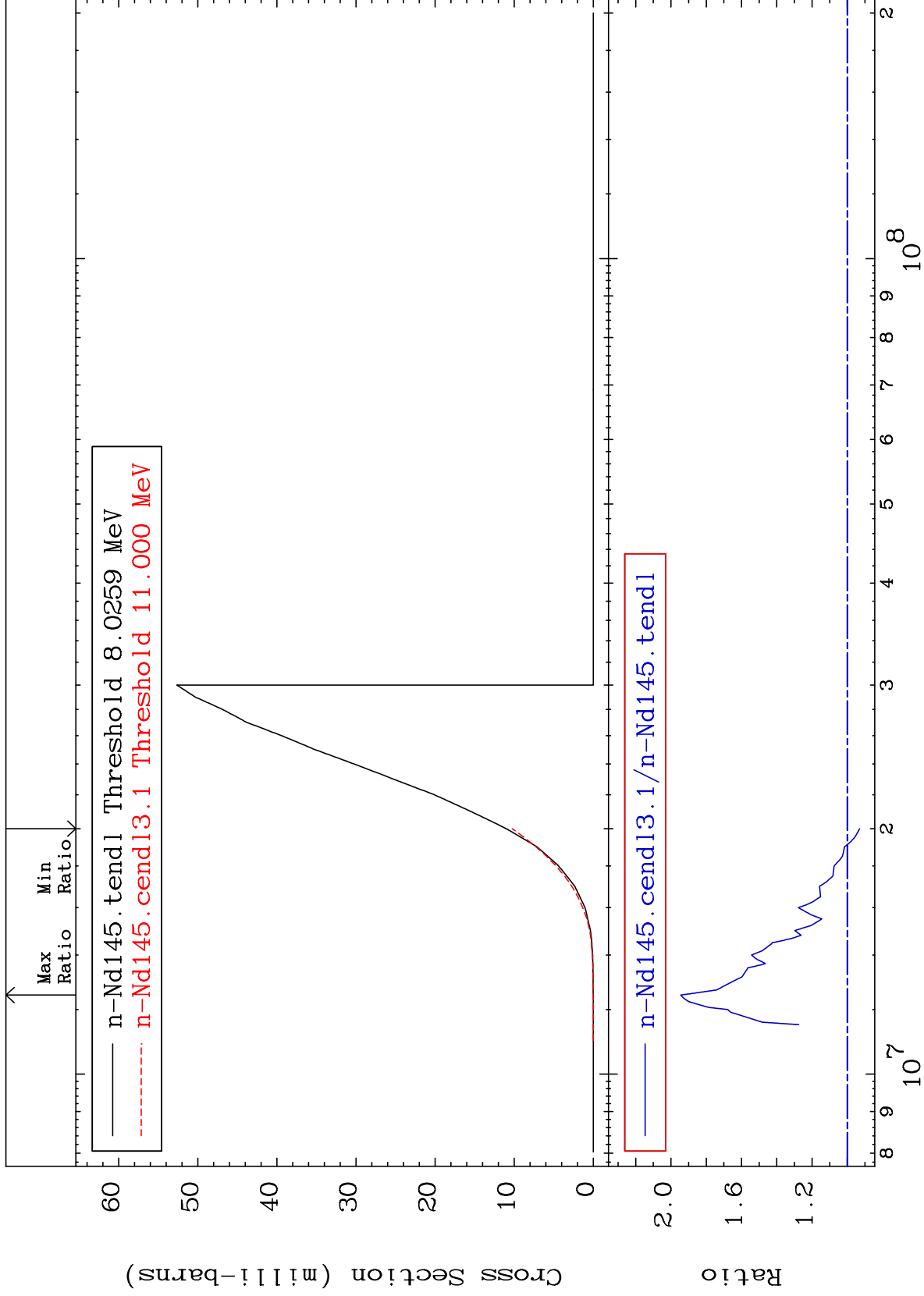
Incident Energy (eV)

60-Nd-145

MAT 6034

(n,n') p
Cross Section

60-Nd-145
-6.914 To 94.43 %



7

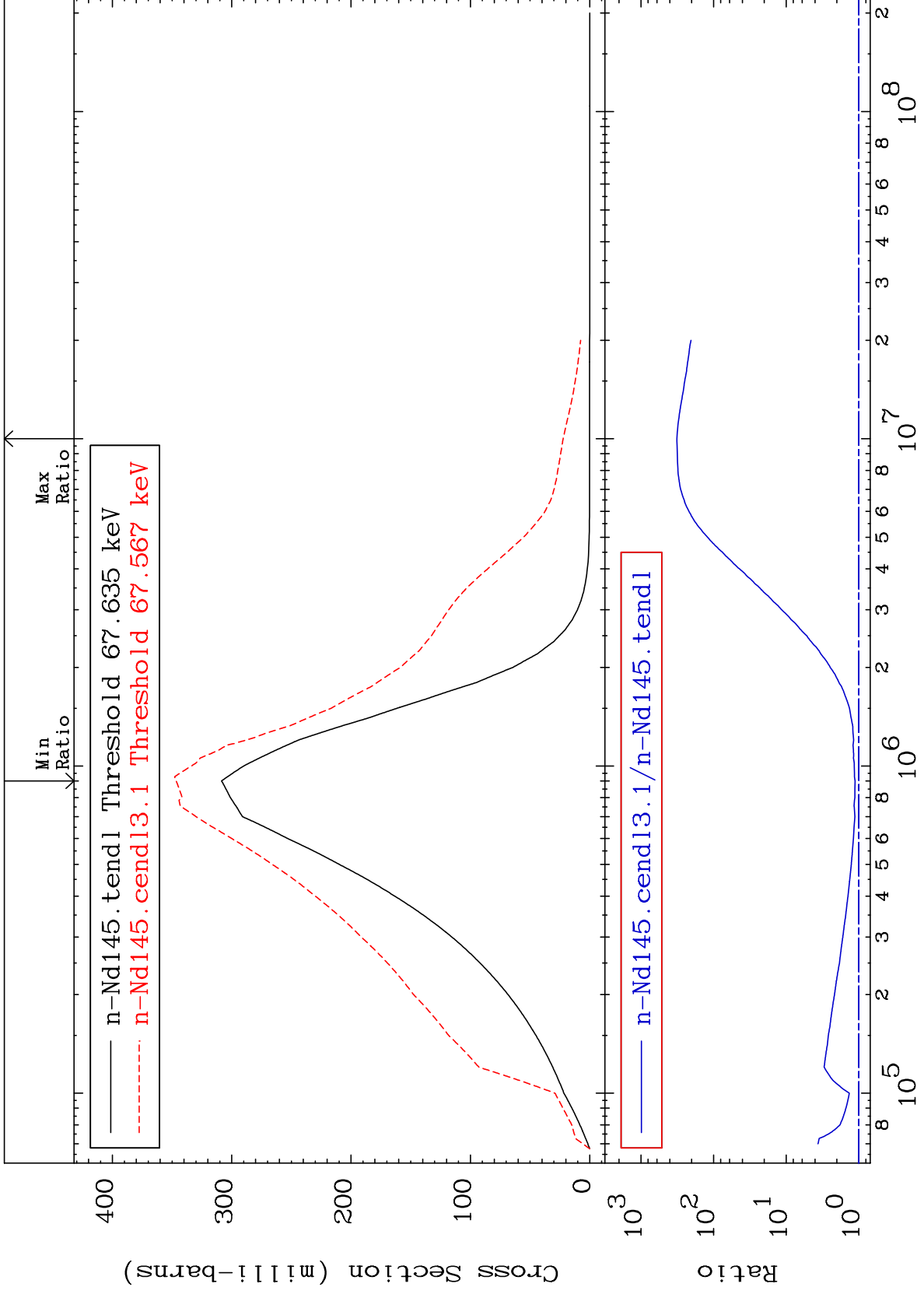
Incident Energy (eV)

60-Nd-145

MAT 6034

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

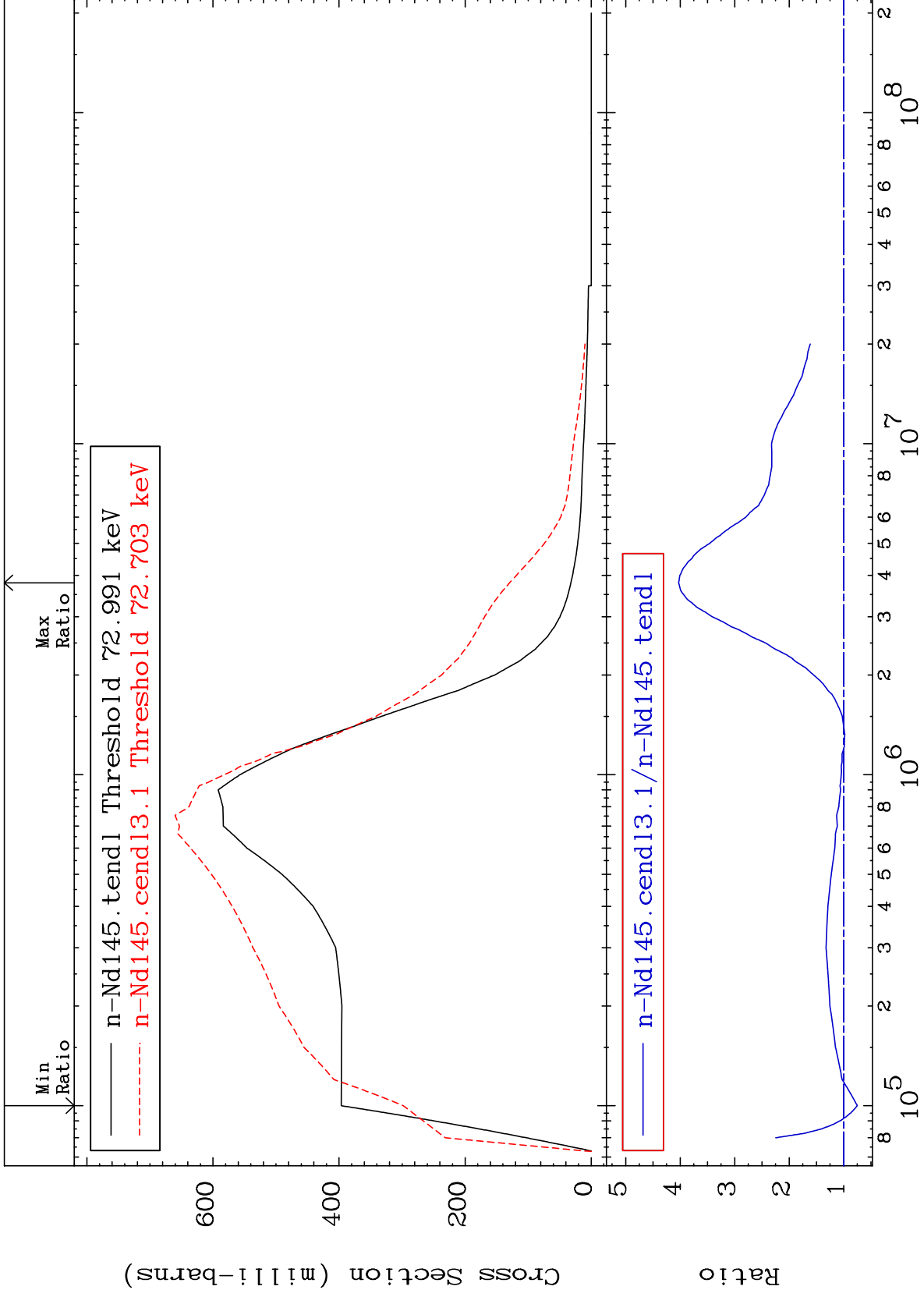
60-Nd-145
12.33 To 9999. %



MAT 6034

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

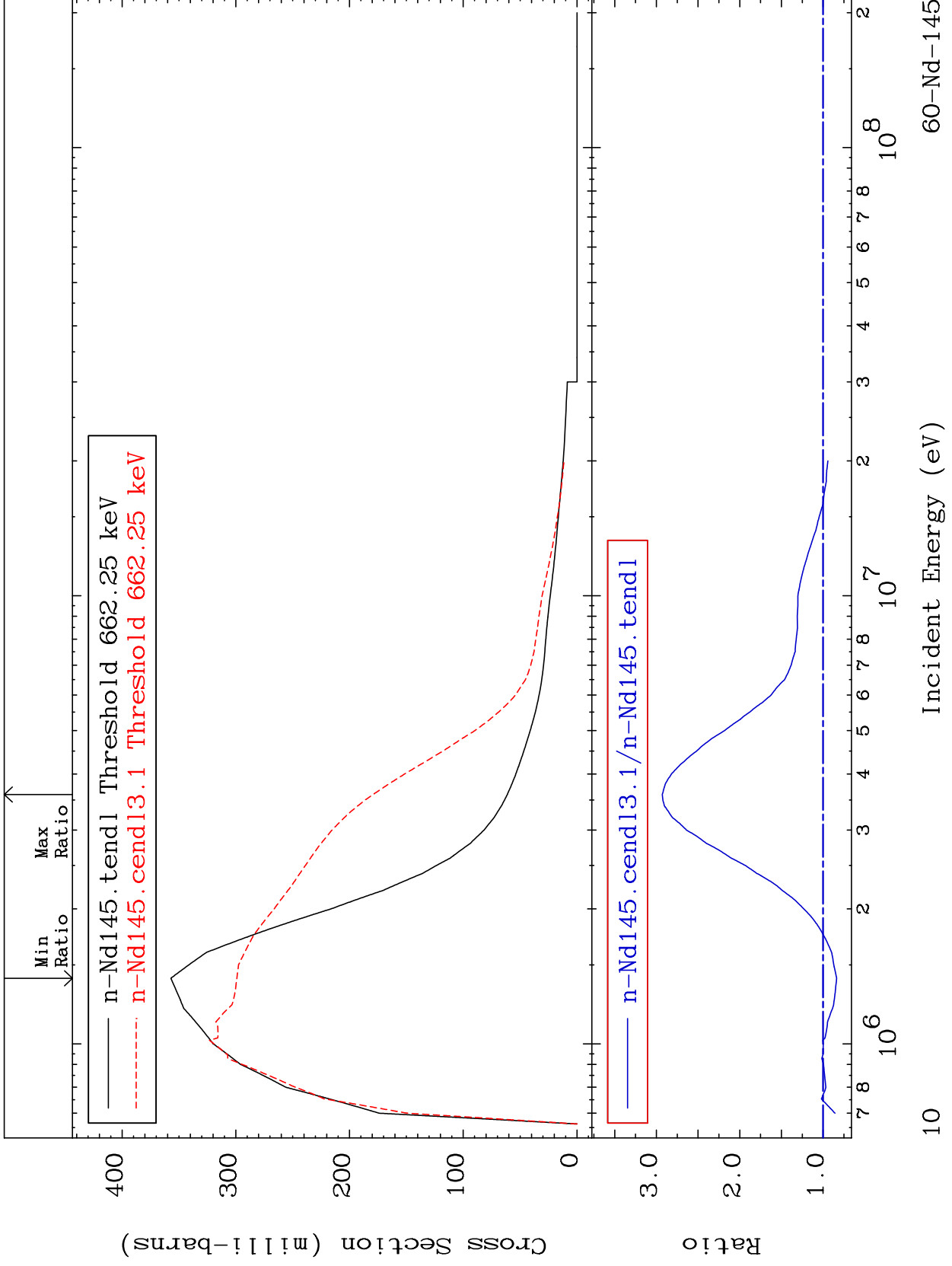
60-Nd-145
-24.85 To 302.8 %



MAT 6034

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

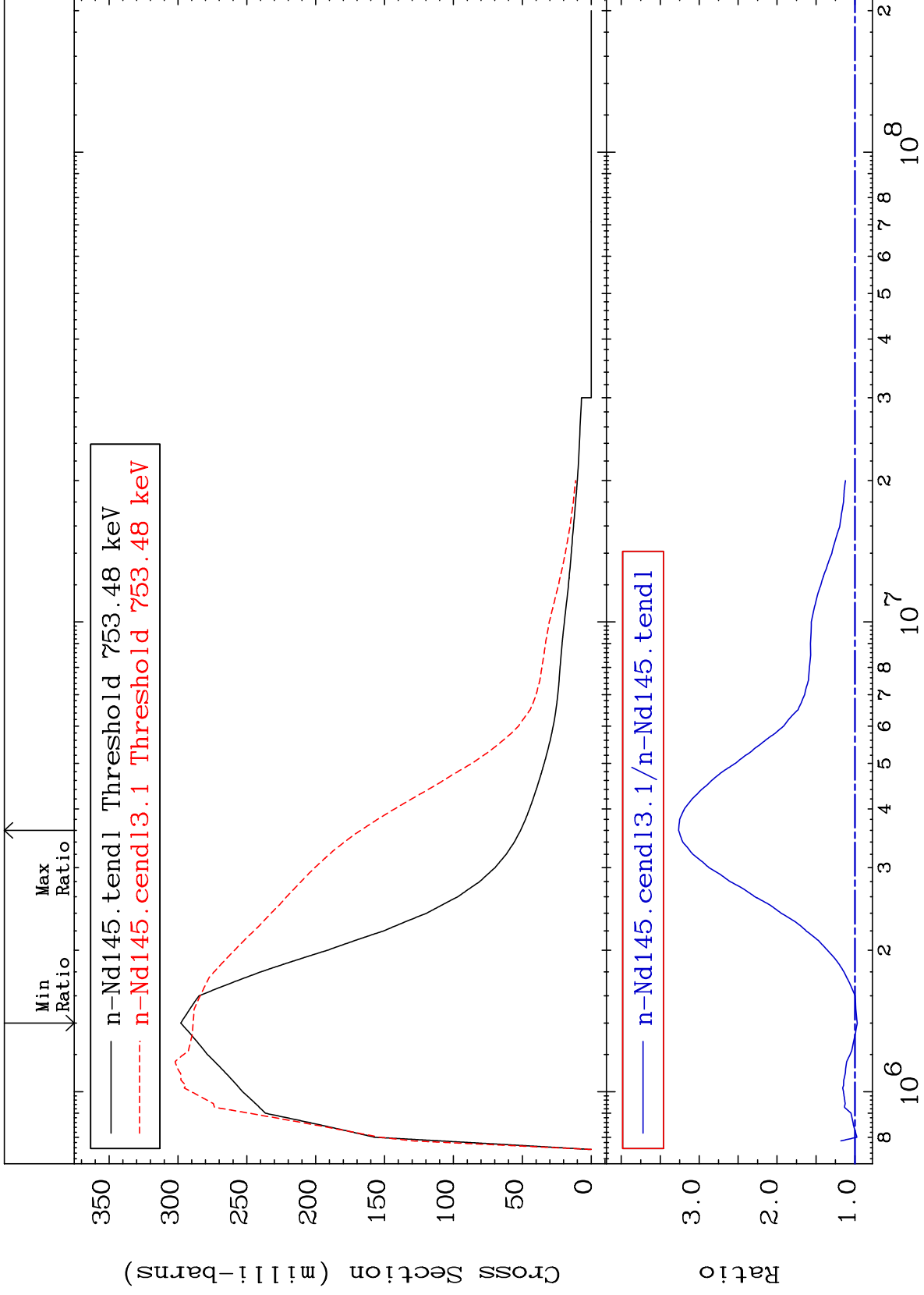
60-Nd-145
-16.25 To 192.9 %



MAT 6034

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

60-Nd-145
-2.995 To 226.3 %



11

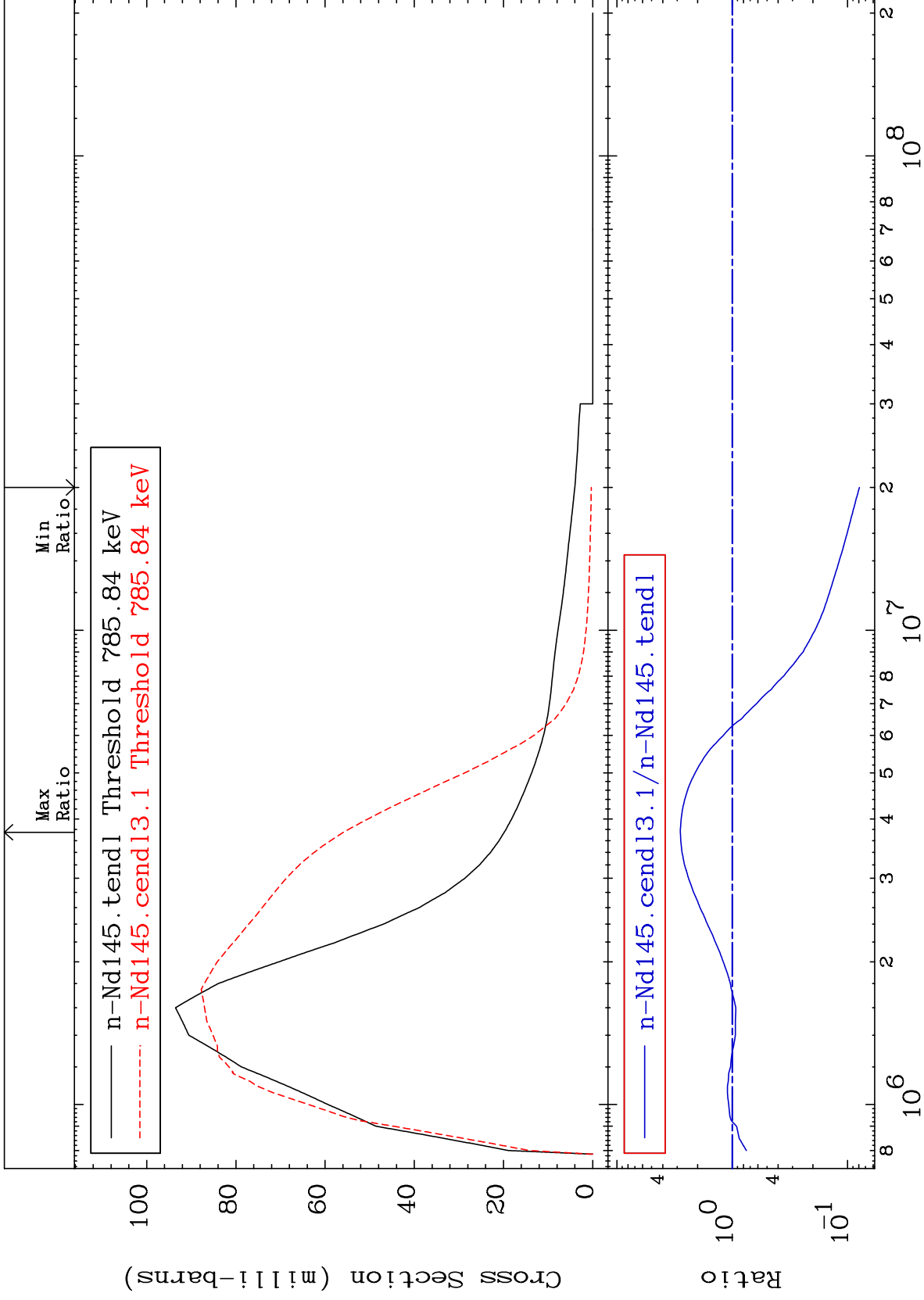
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145
-92.11 To 181.7 %



12

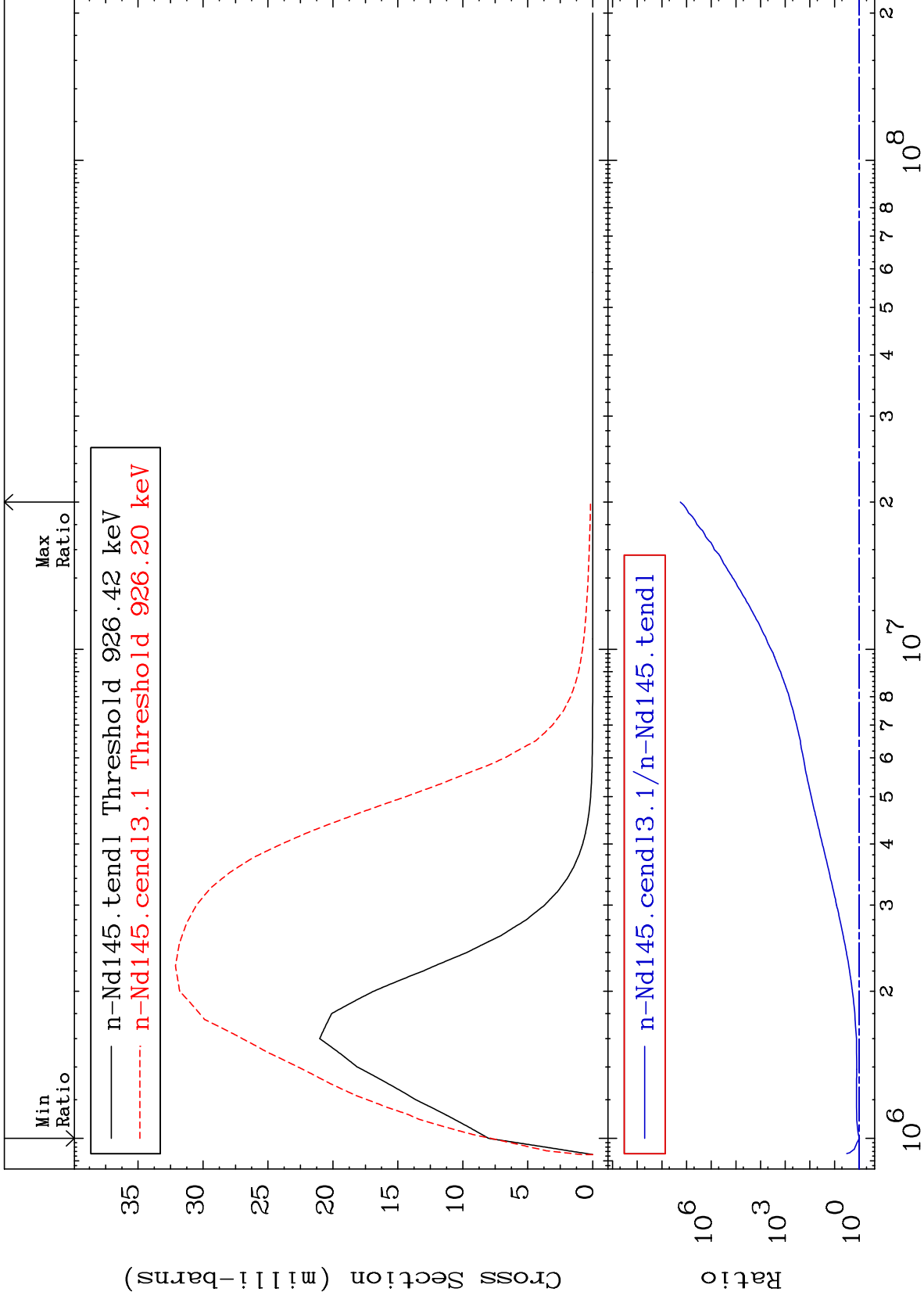
Incident Energy (eV)

60-Nd-145

MAT 6034

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

60-Nd-145
-2.233 To 9999. %



13

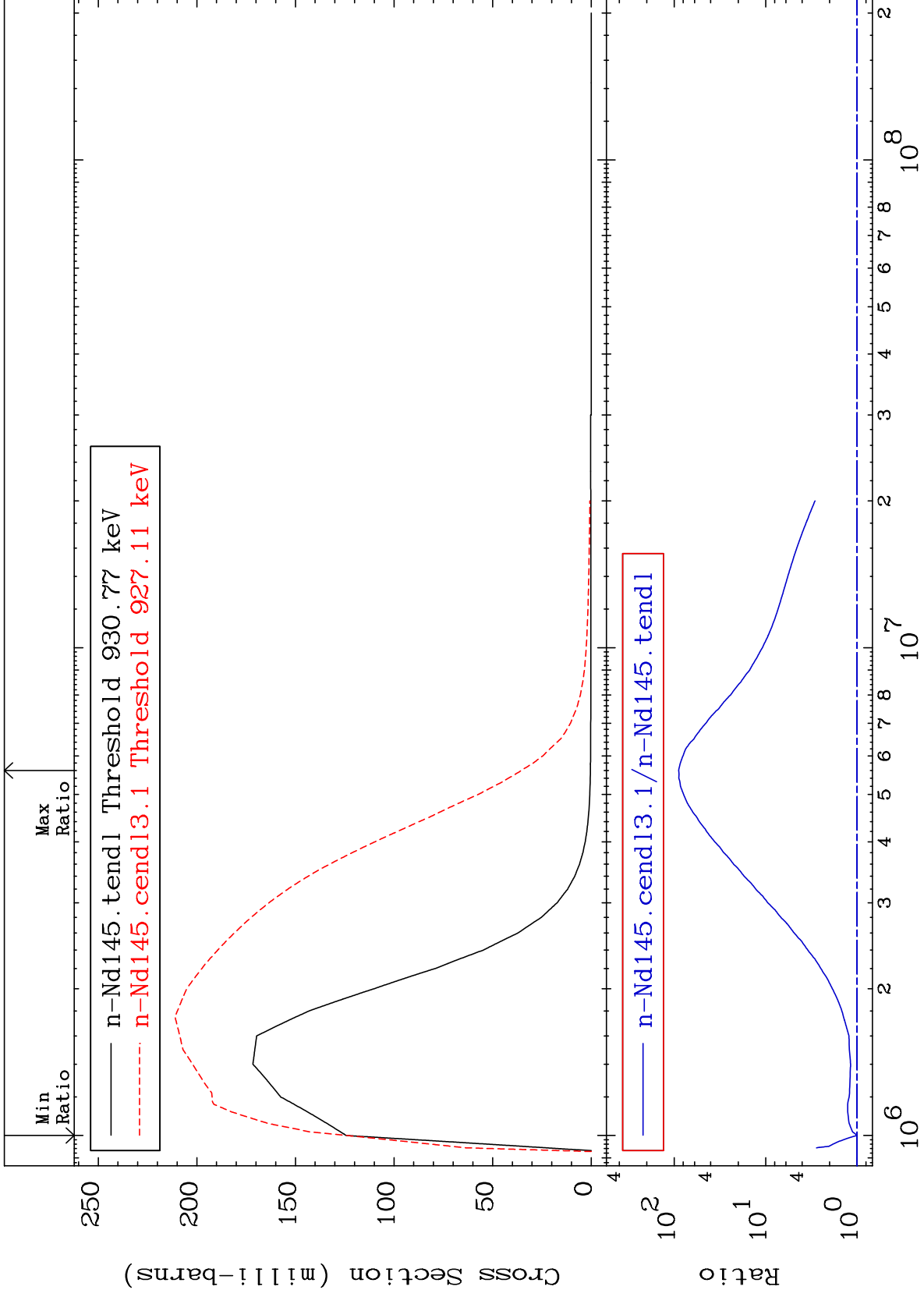
Incident Energy (eV)

60-Nd-145

MAT 6034

MT= 57 (n, n') Level
Cross Section

60-Nd-145
-0.343 To 8870. %



14

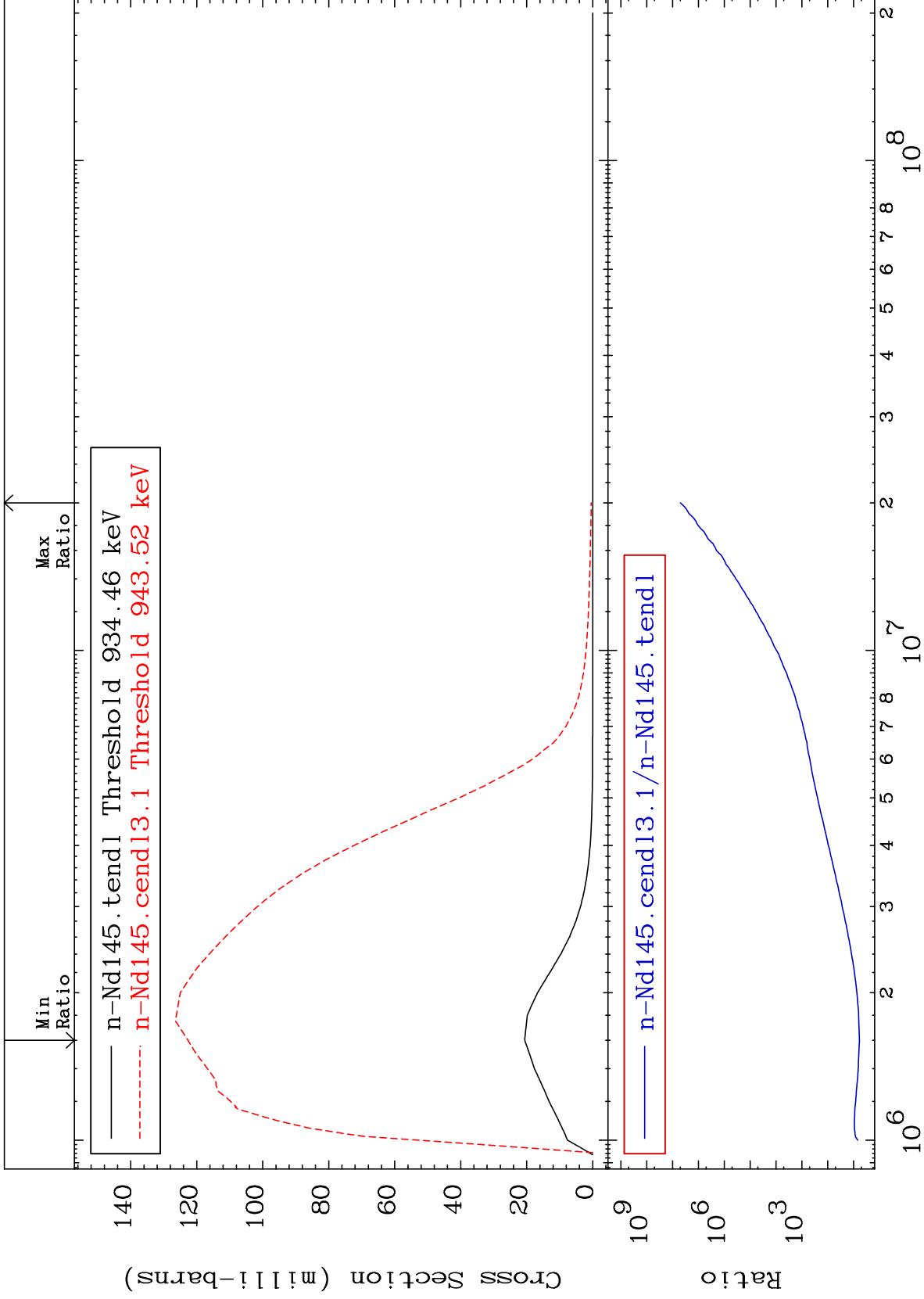
Incident Energy (eV)

60-Nd-145

MAT 6034

MT= 58 (n,n') Level
Cross Section

60-Nd-145
495.2 To 9999. %



15

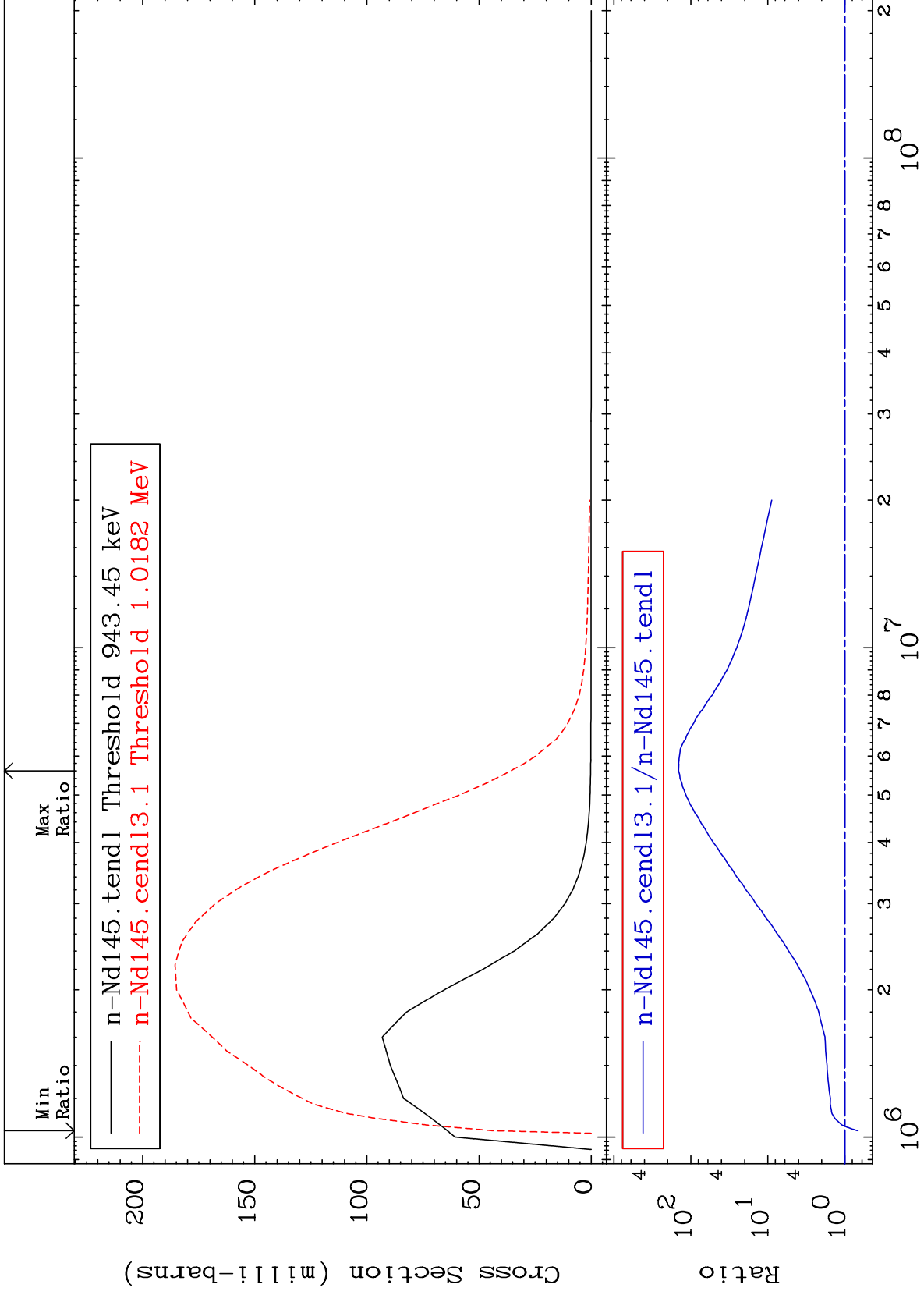
Incident Energy (eV)

60-Nd-145

MAT 6034

MT= 59 (n,n') Level
Cross Section

60-Nd-145
-30.97 To 9999. %



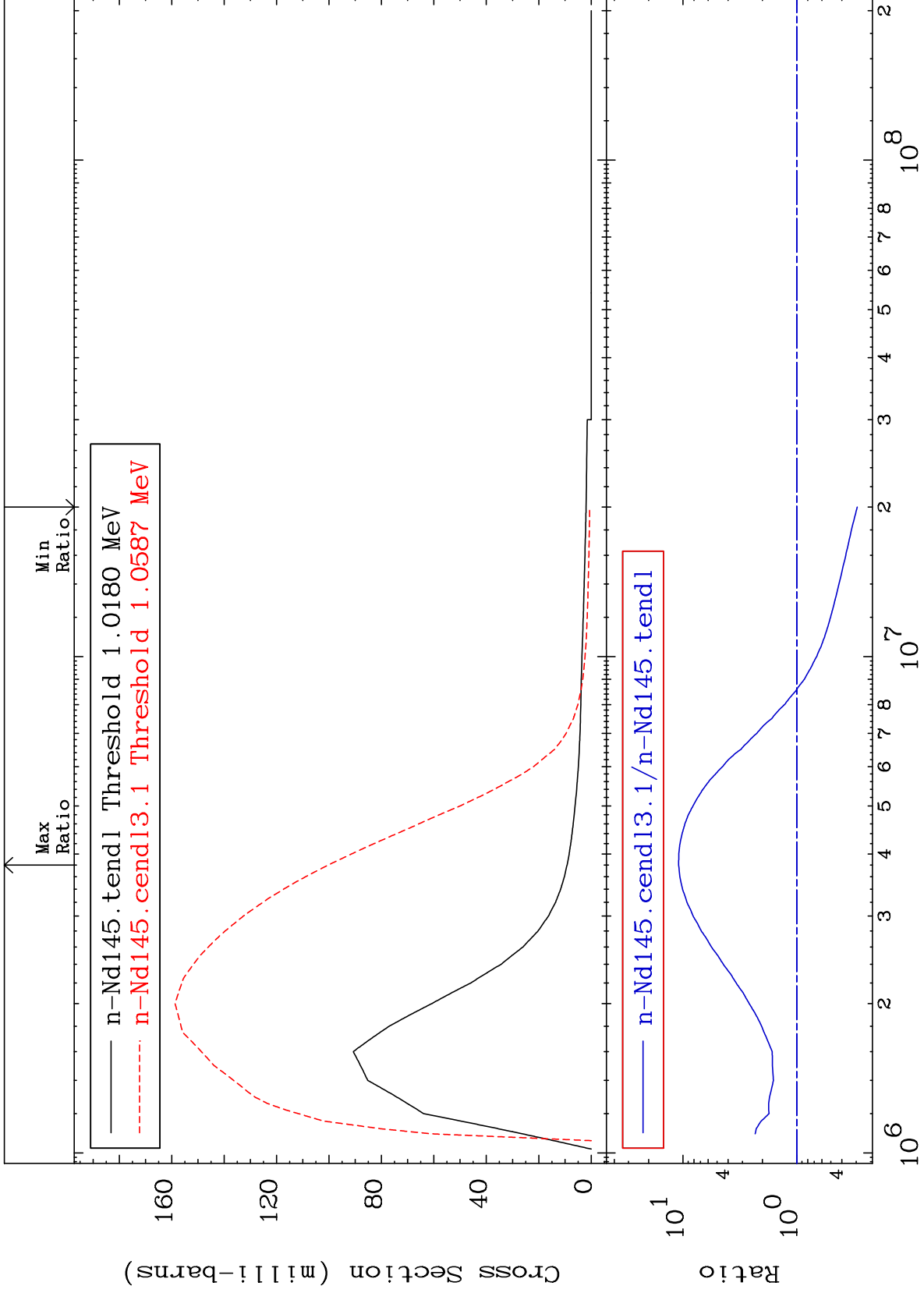
16

60-Nd-145

MAT 6034

MT= 60 (n,n') Level
Cross Section

60-Nd-145
-70.66 To 989.3 %



17

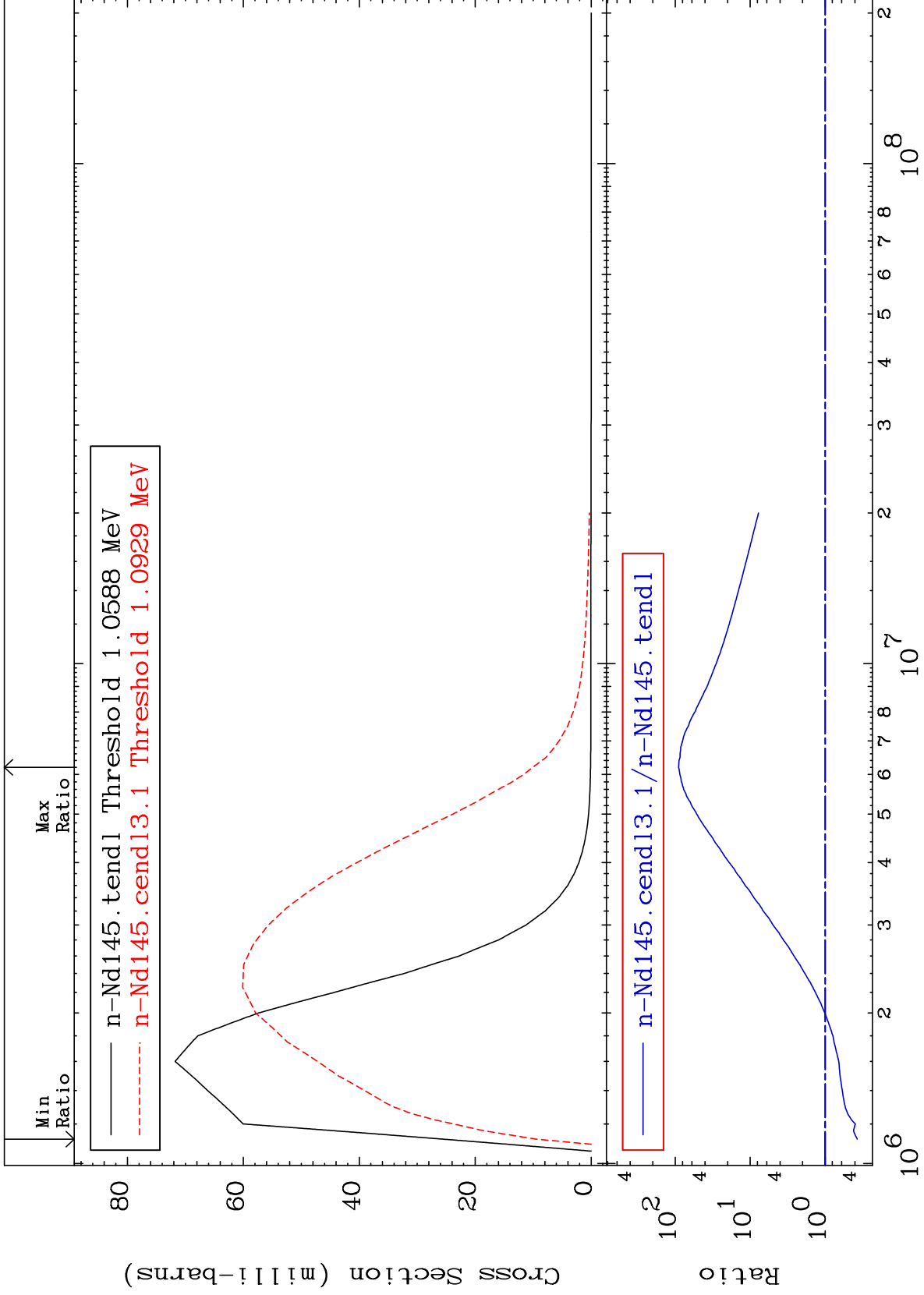
Incident Energy (eV)

60-Nd-145

MAT 6034

MT= 61 (n,n') Level
Cross Section

60-Nd-145
-62.74 To 8916. %



18

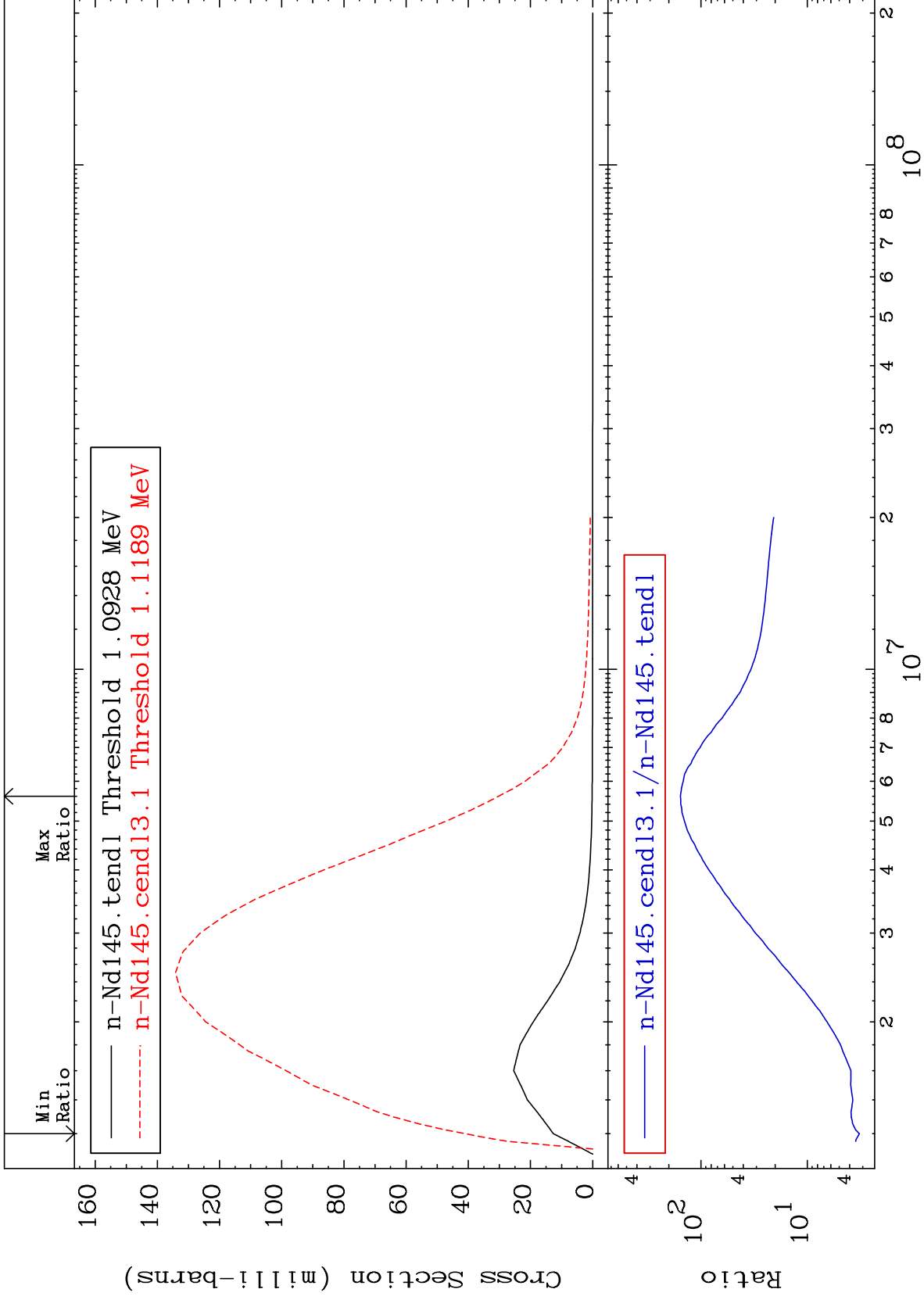
Incident Energy (eV)

60-Nd-145

MAT 6034

MT= 62 (n,n') Level
Cross Section

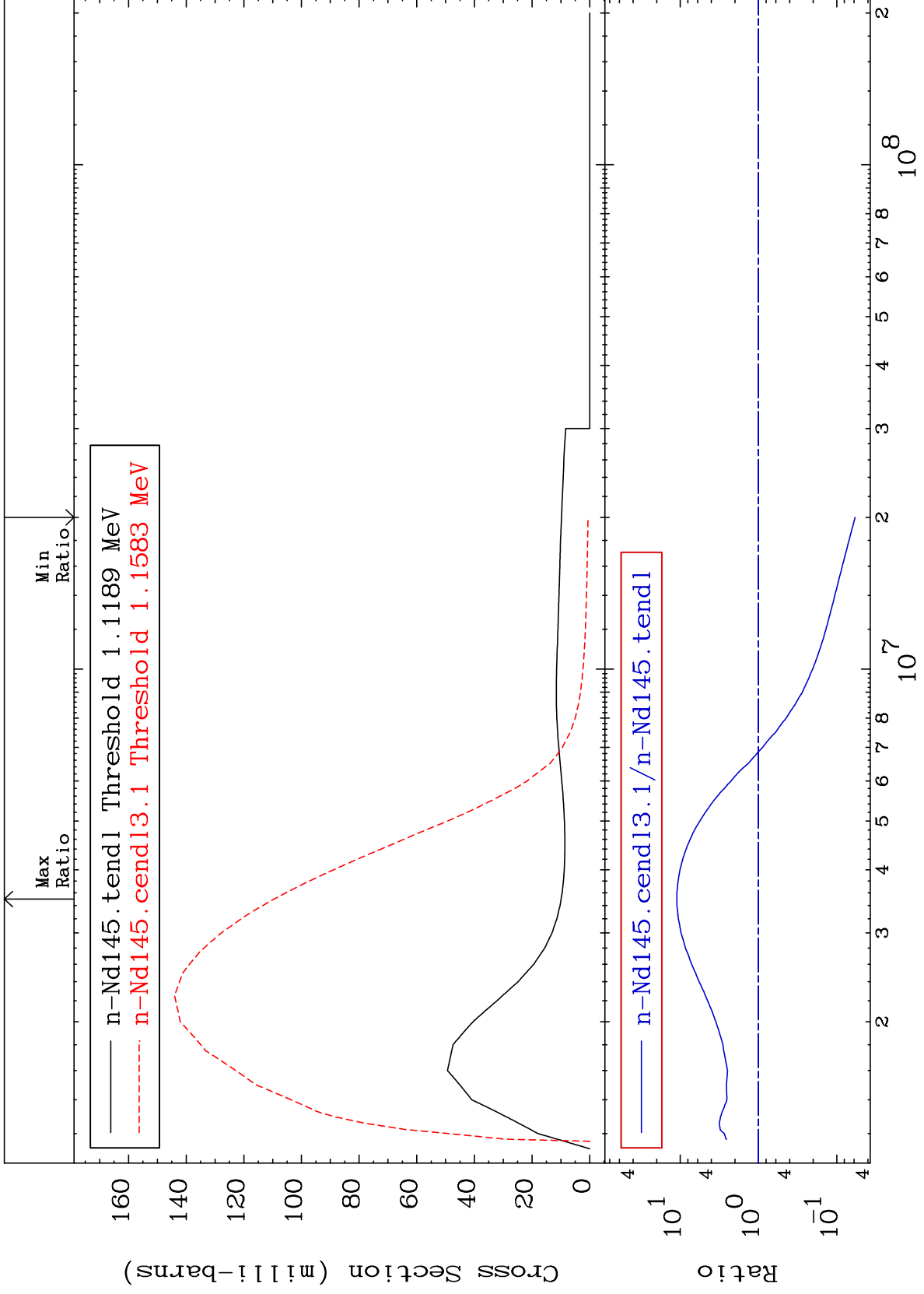
60-Nd-145
222.8 To 9999. %



MAT 6034

MT= 63 (n, n') Level
Cross Section

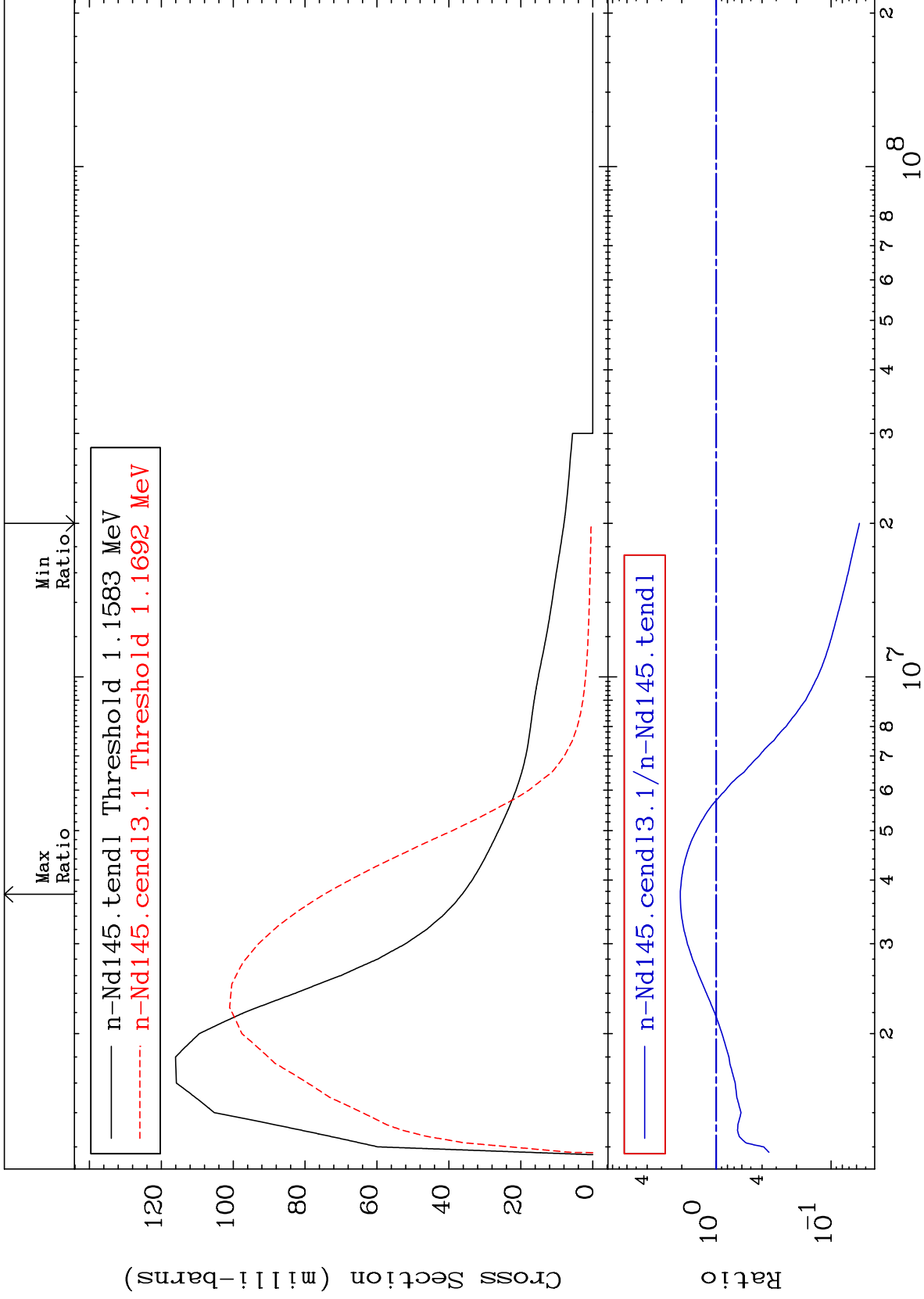
60-Nd-145
-94.17 To 1003. %



MAT 6034

MT= 64 (n,n') Level
Cross Section

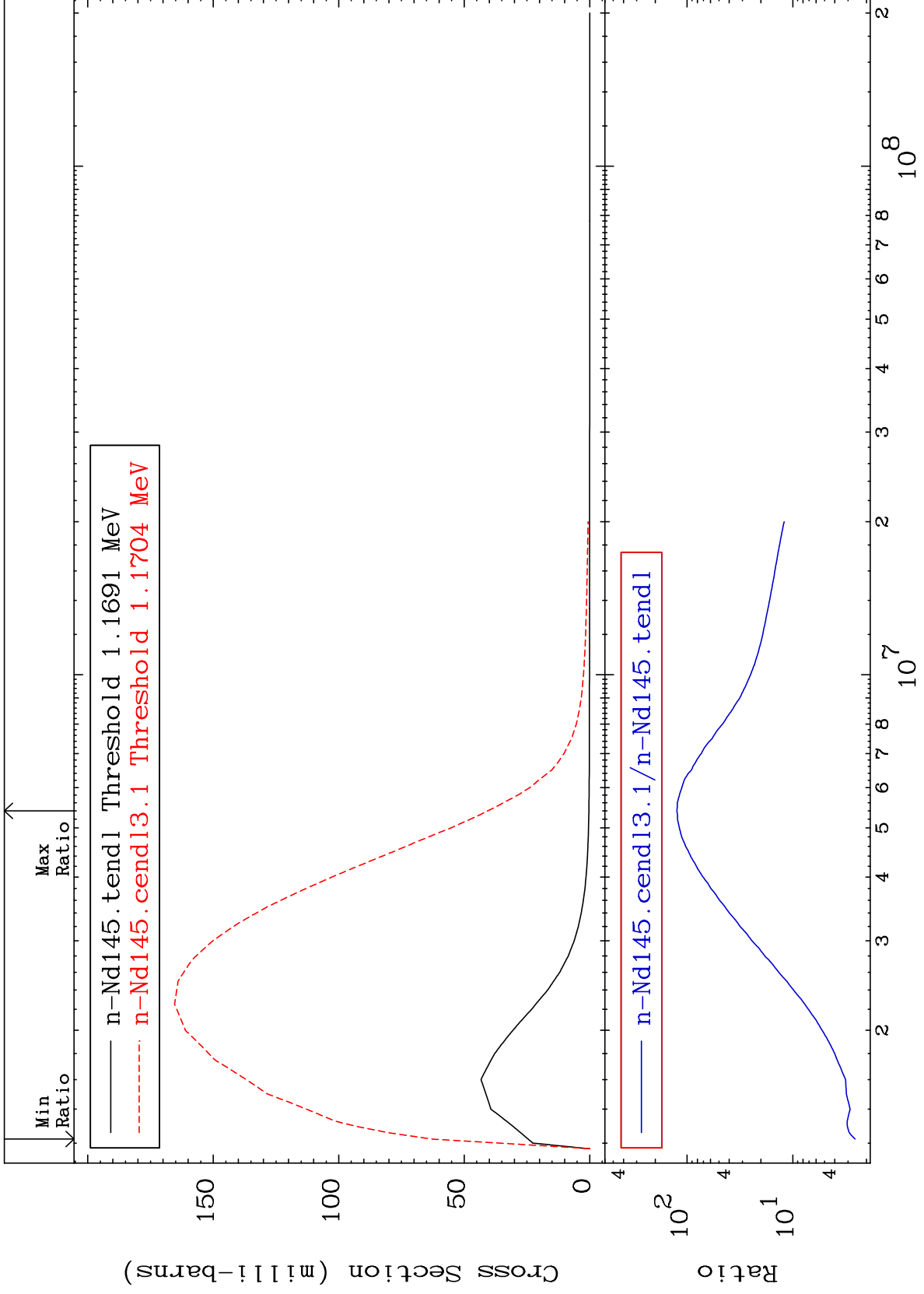
60-Nd-145
-94.33 To 105.5 %



MAT 6034

MT= 65 (n,n') Level
Cross Section

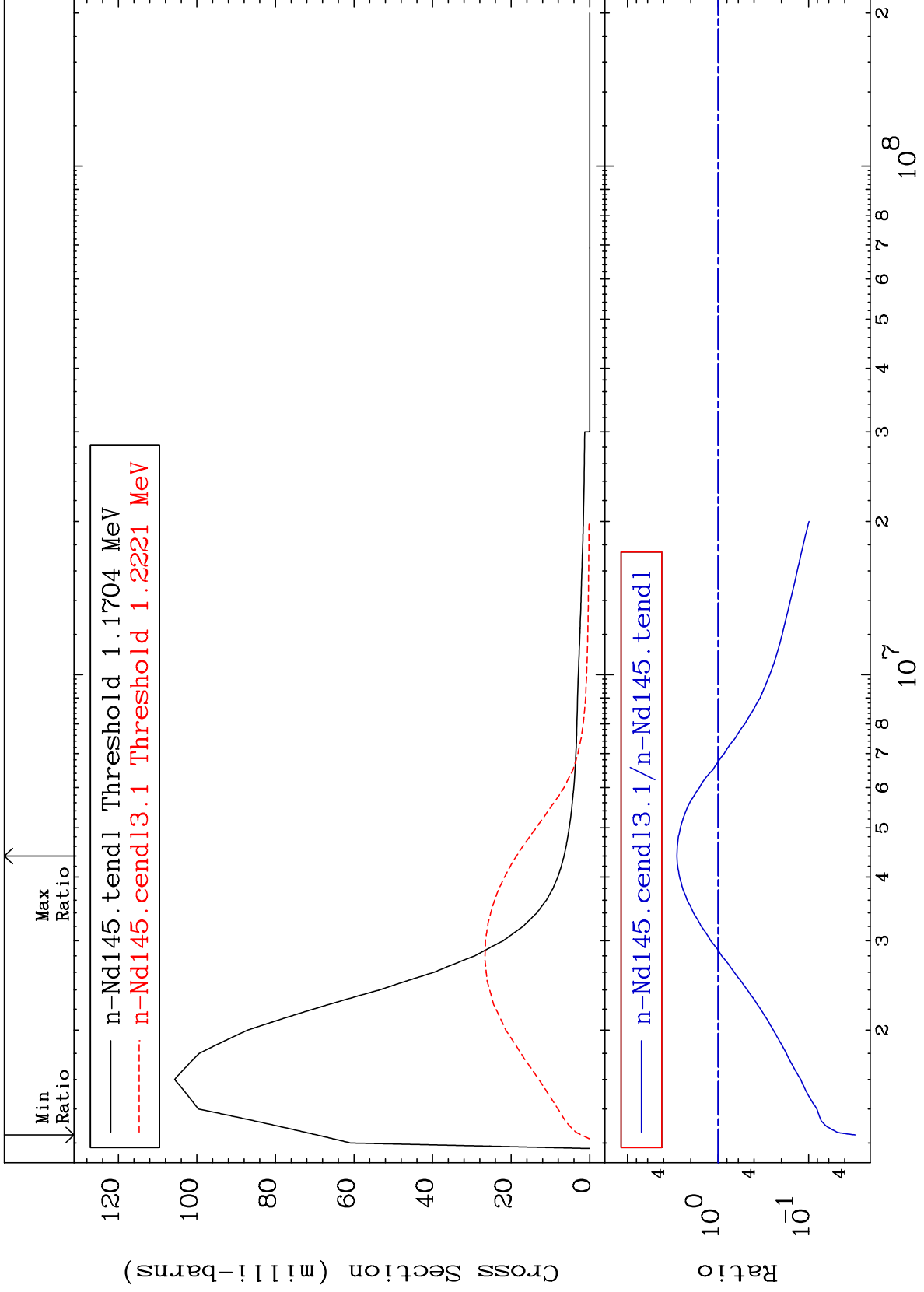
60-Nd-145
156.9 To 9999. %



MAT 6034

MT= 66 (n,n') Level
Cross Section

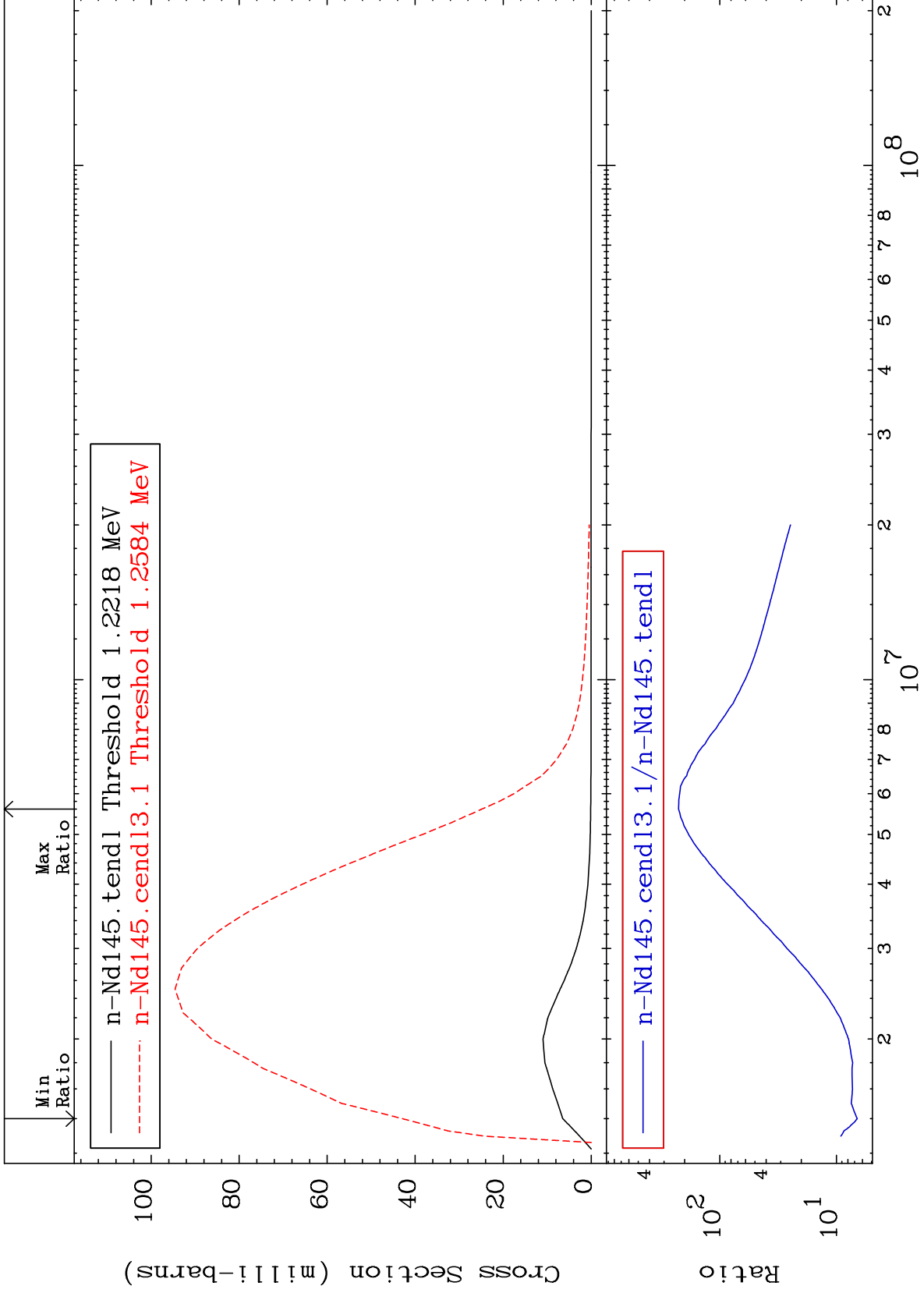
60-Nd-145
-96.93 To 185.2 %



MAT 6034

MT= 67 (n,n') Level
Cross Section

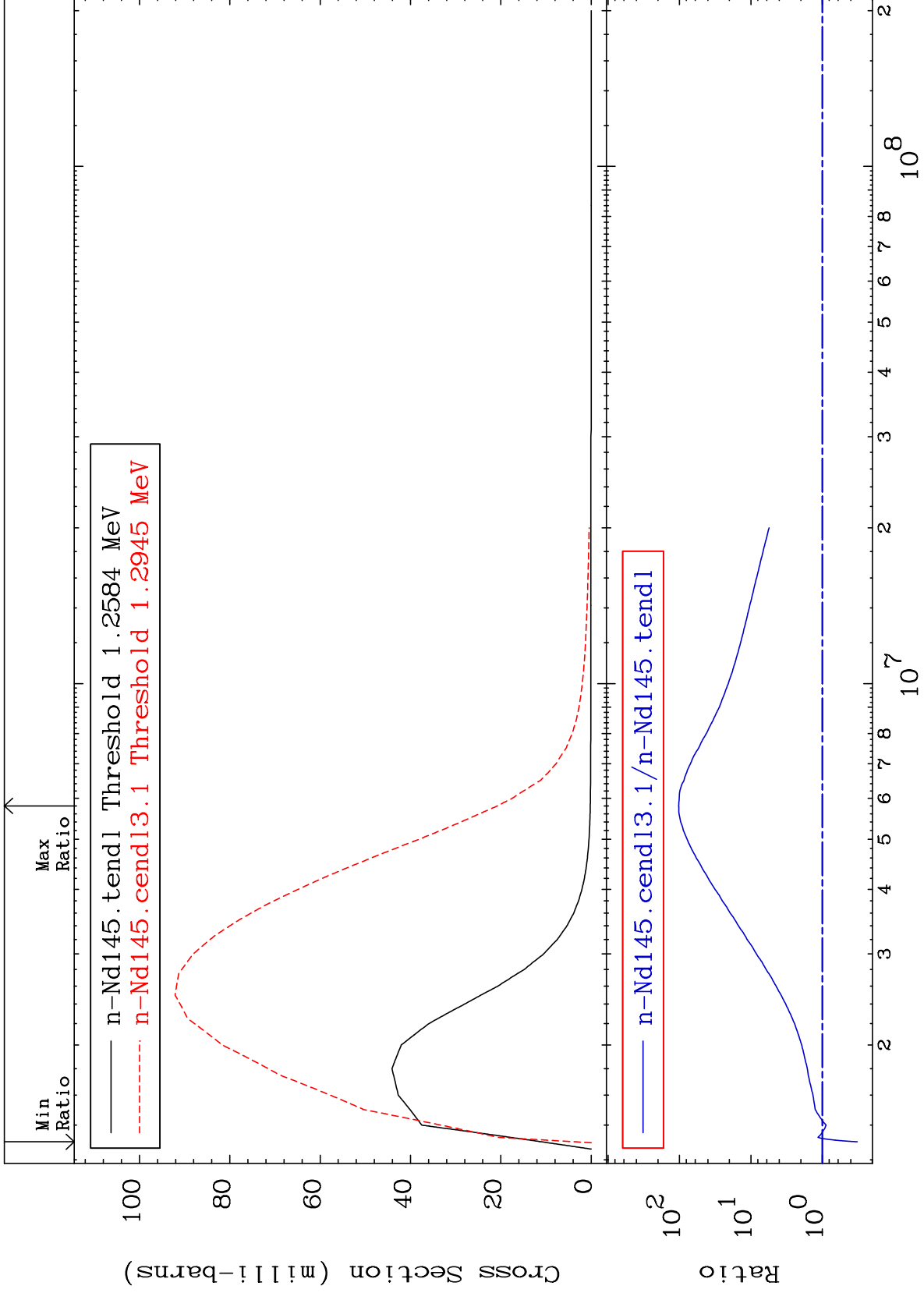
60-Nd-145
564.1 To 9999. %



MAT 6034

MT= 68 (n,n') Level
Cross Section

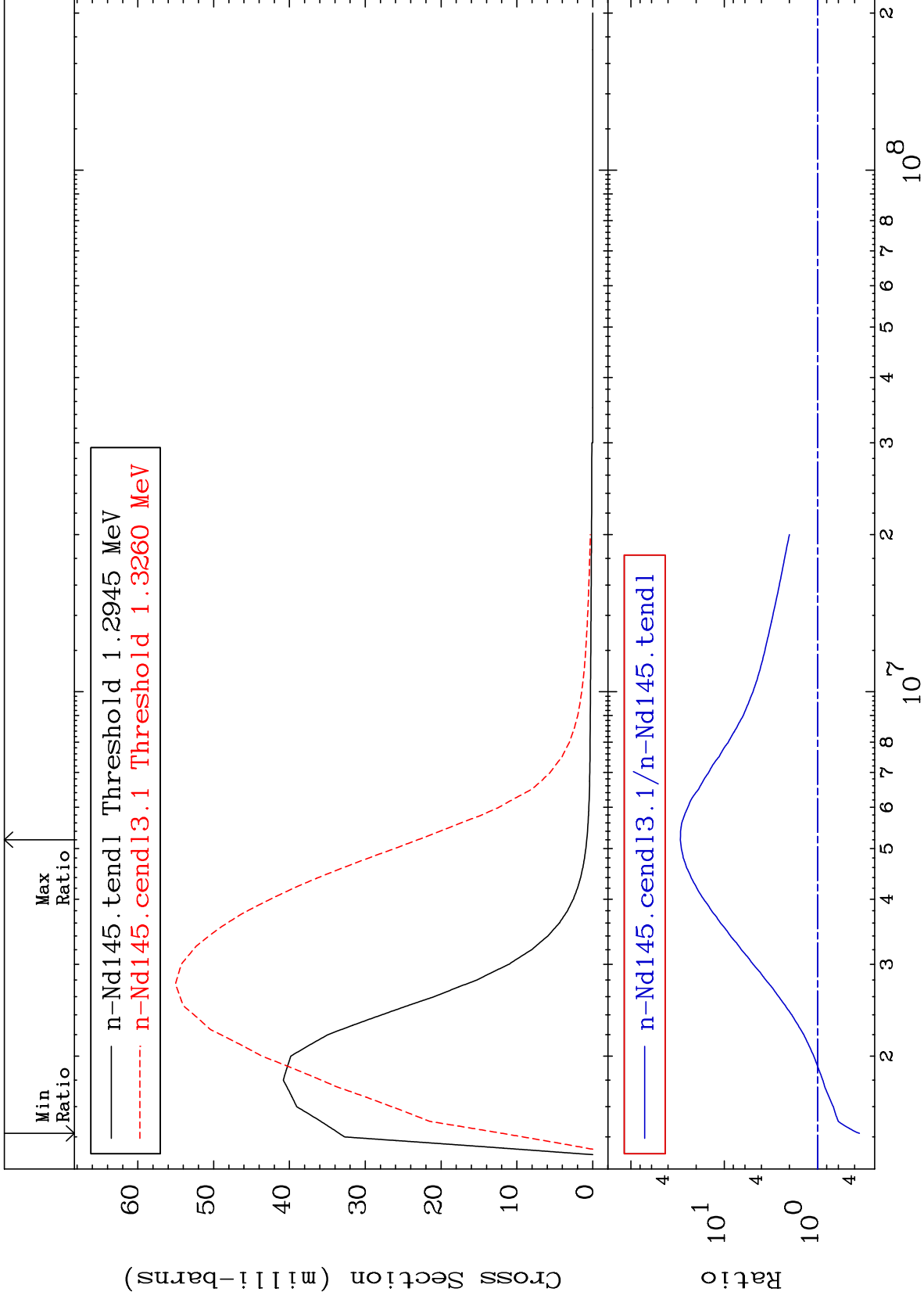
60-Nd-145
-67.61 To 9999. %



MAT 6034

MT= 69 (n,n') Level
Cross Section

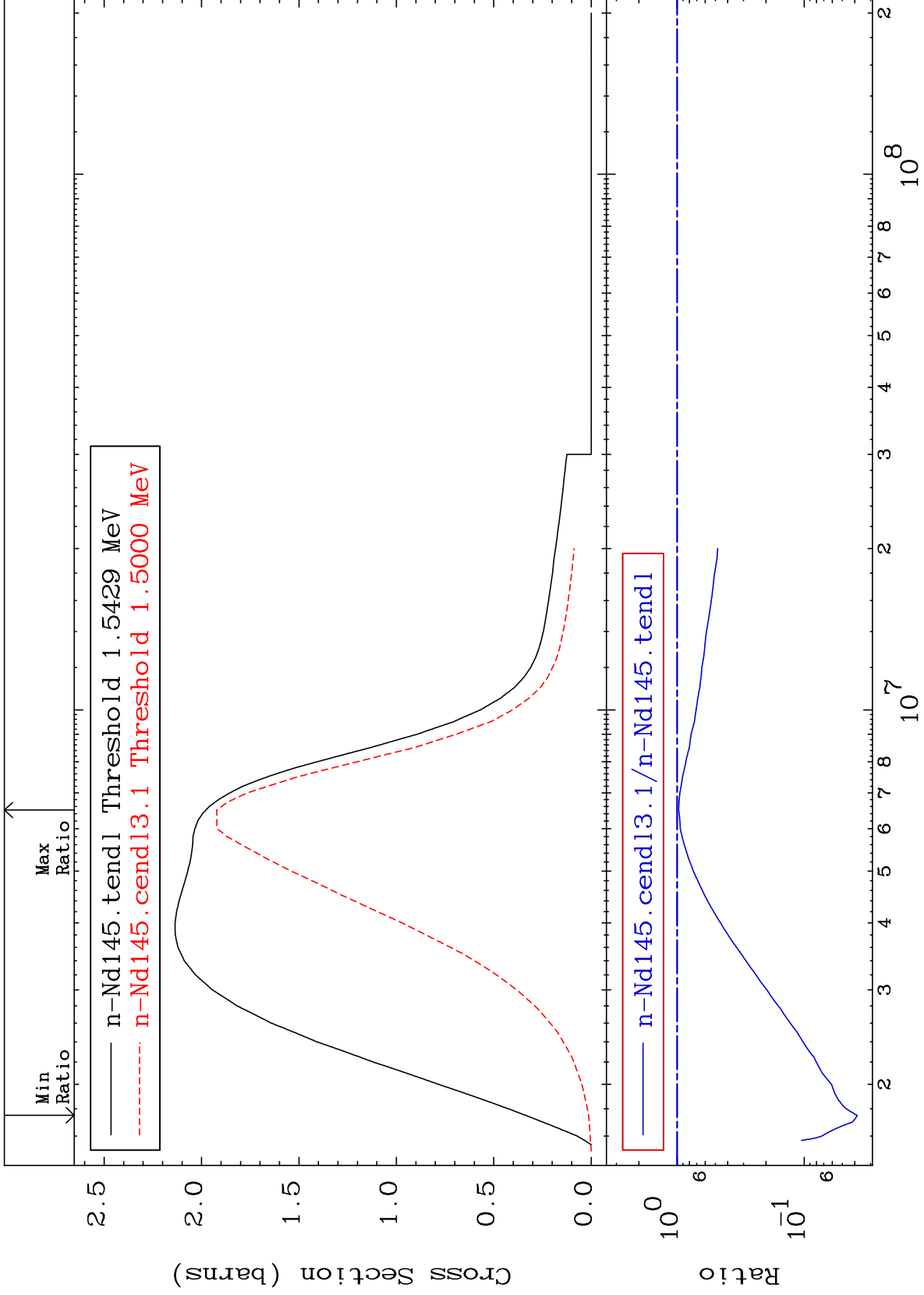
60-Nd-145
-64.41 To 2853. %



MAT 6034

(n, n') Continuum
Cross Section

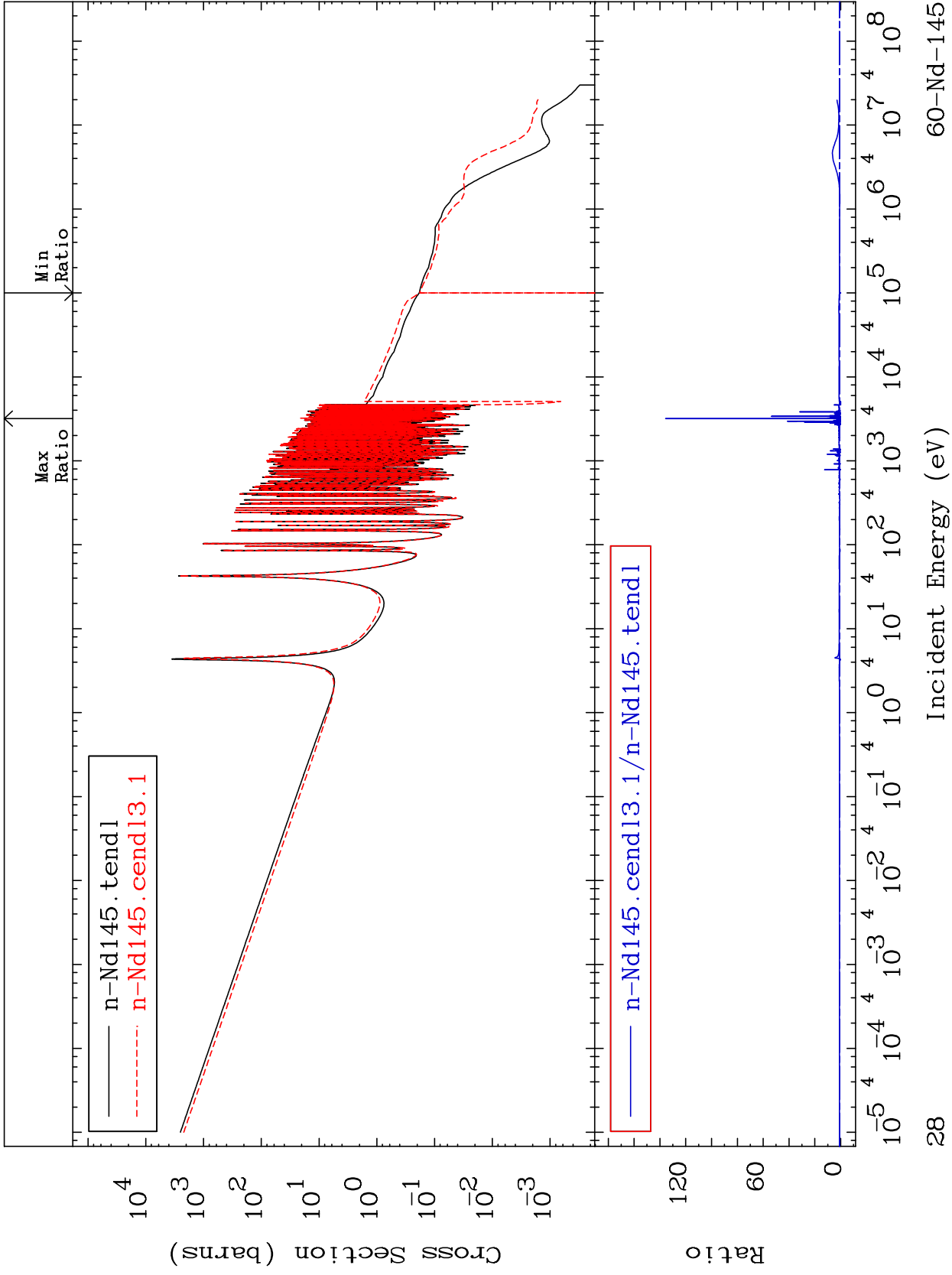
60-Nd-145
-96.18 To -2.820%



MAT 6034

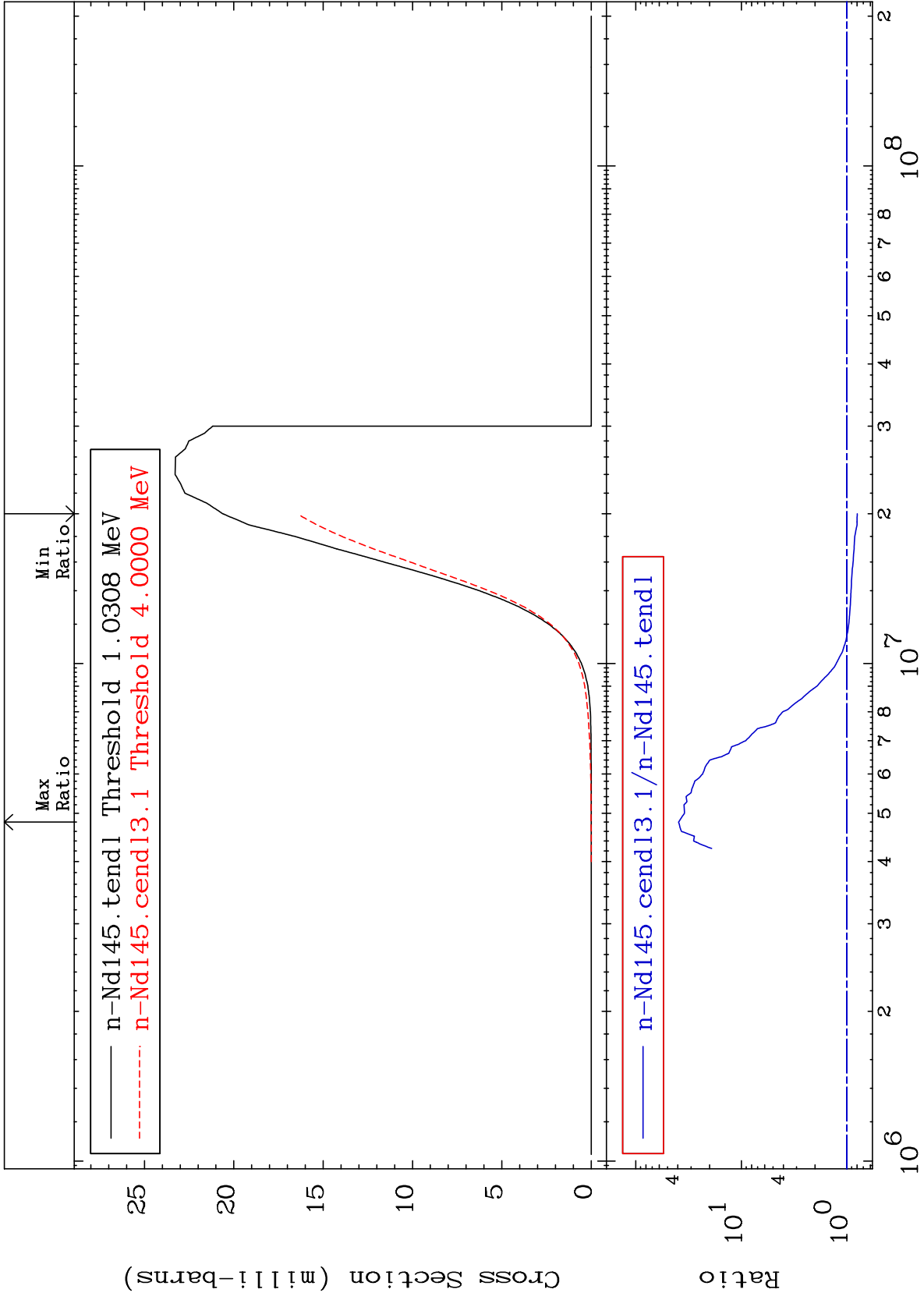
(n, γ)
Cross Section

60-Nd-145
-100.0 To 9999. %



MAT 6034

(n,p)
Cross Section
60-Nd-145
-20.25 To 3826. %



29

Incident Energy (eV)

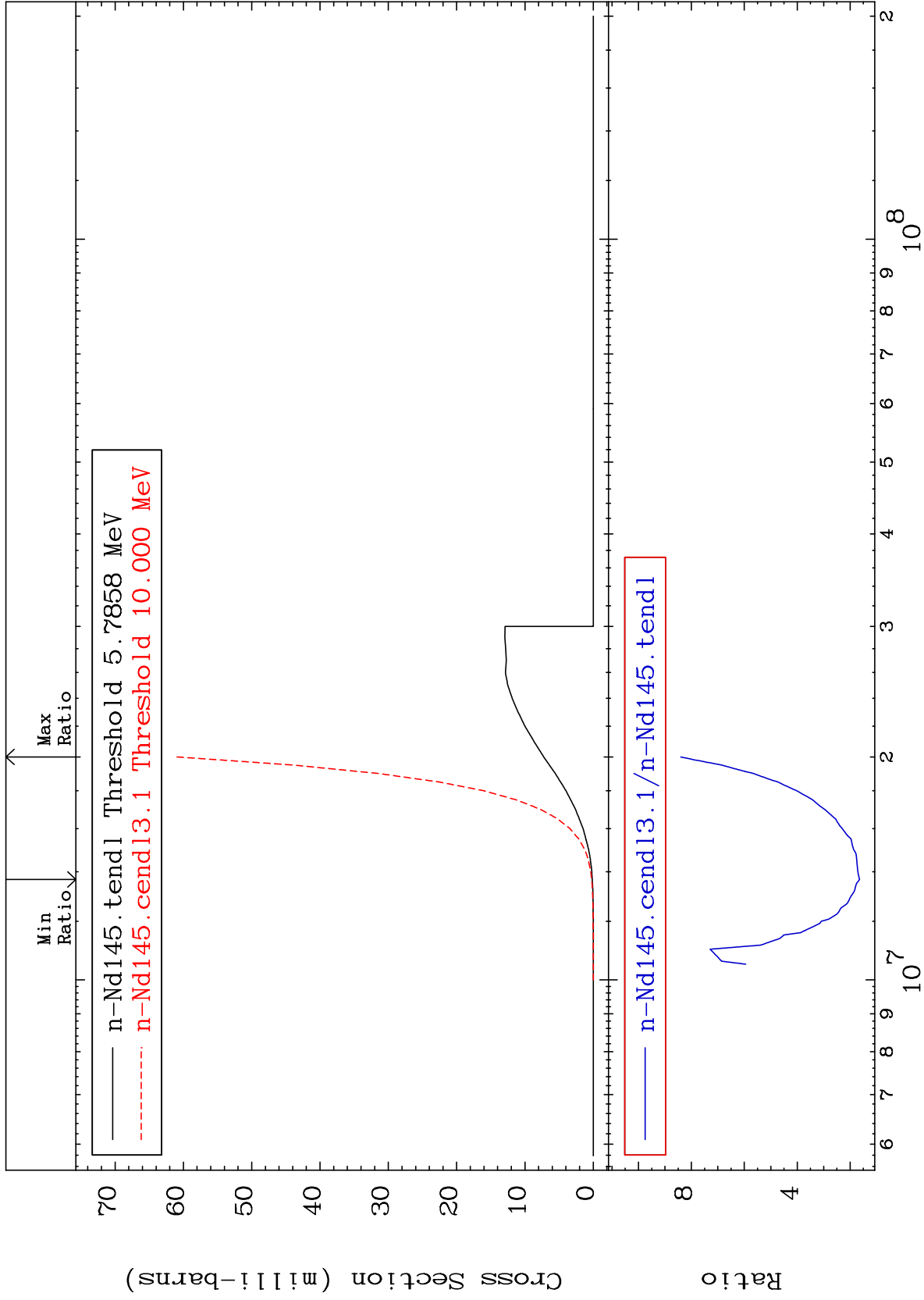
60-Nd-145

MAT 6034

60-Nd-145

64.49 To 740.1 %

(n, d)
Cross Section



30

Incident Energy (eV)

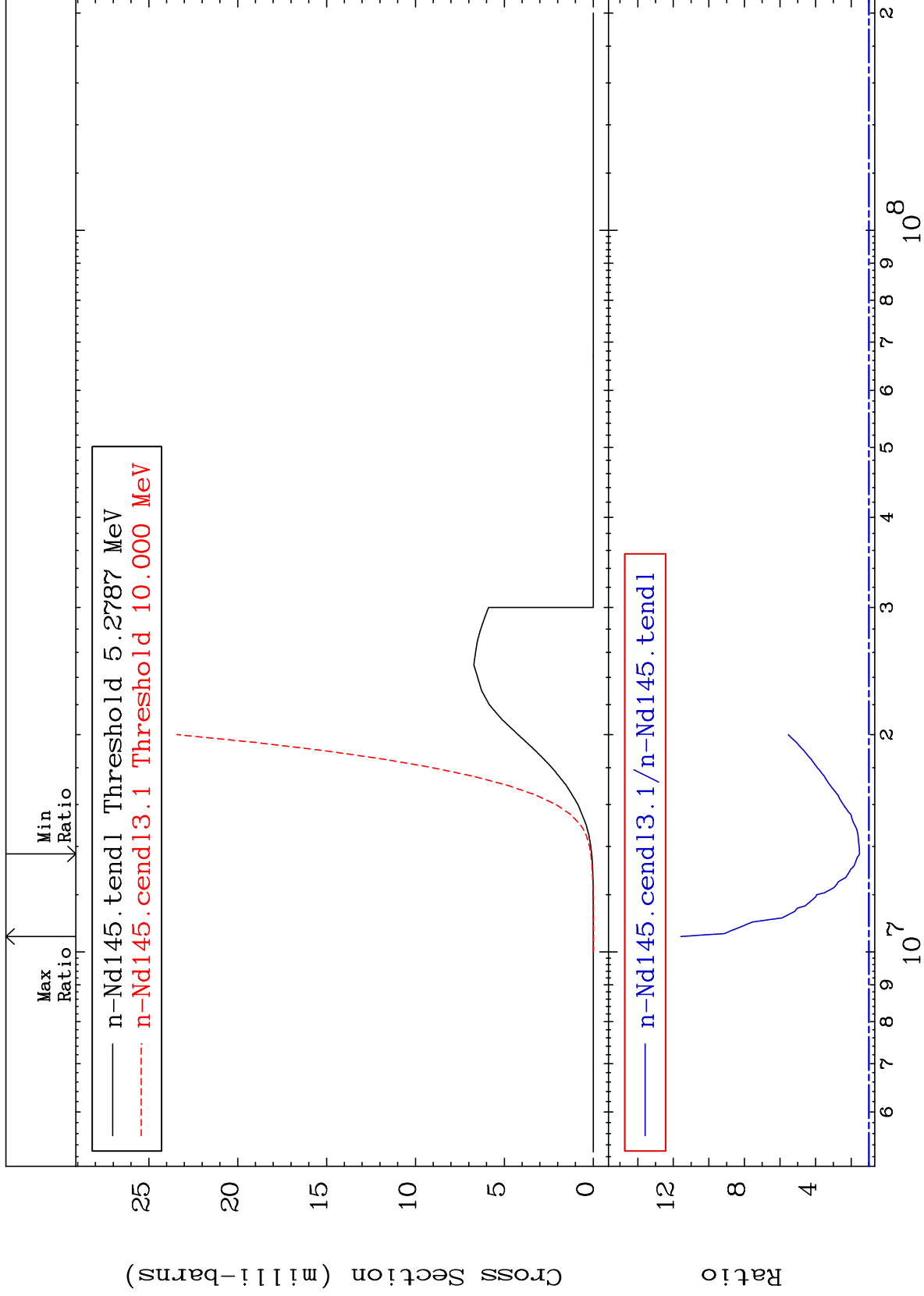
60-Nd-145

MAT 6034

60-Nd-145

(n, t)
Cross Section

52.58 To 1058. %



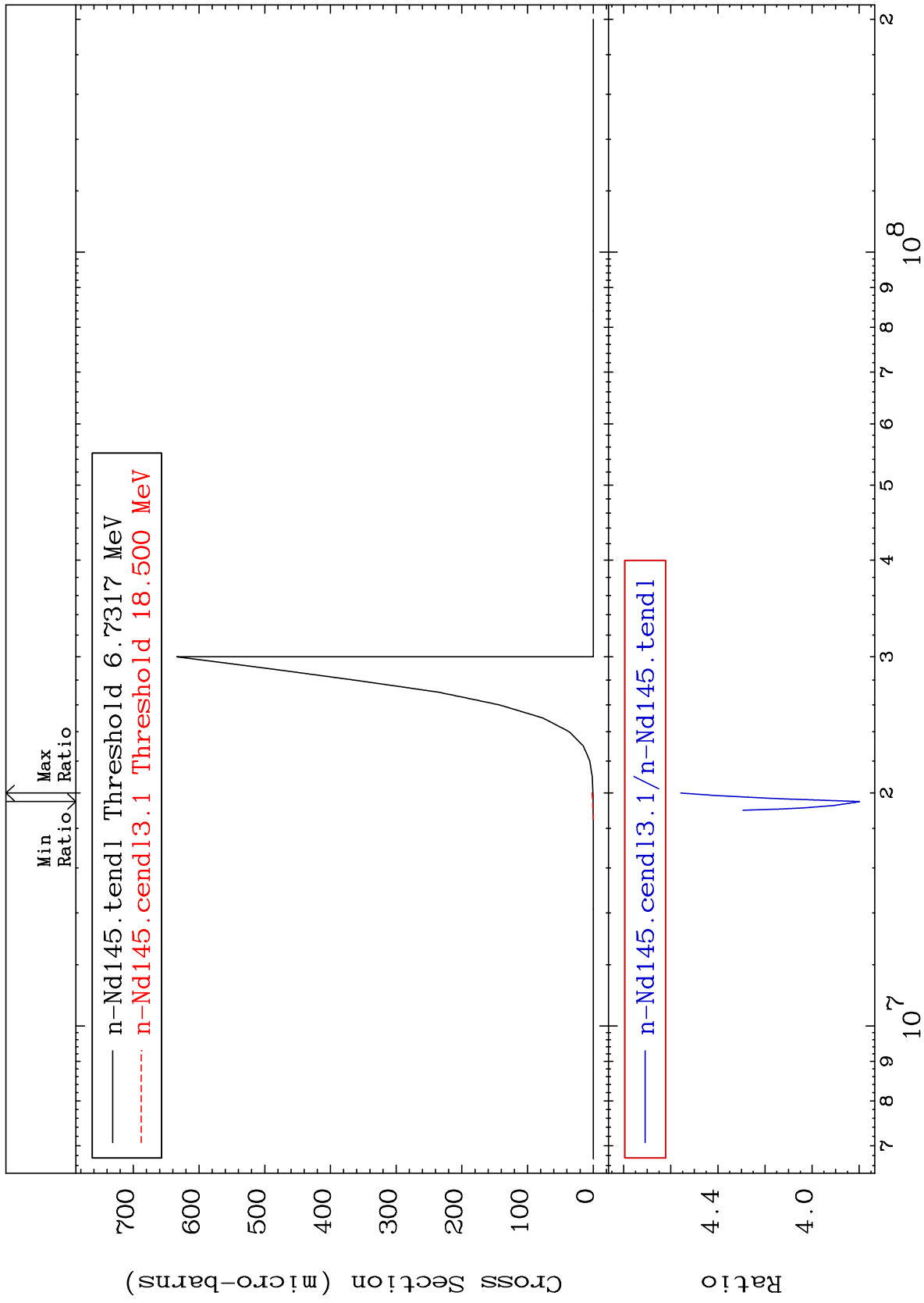
MAT 6034

(n, He-3)

60-Nd-145

Cross Section

279.9 To 355.8 %



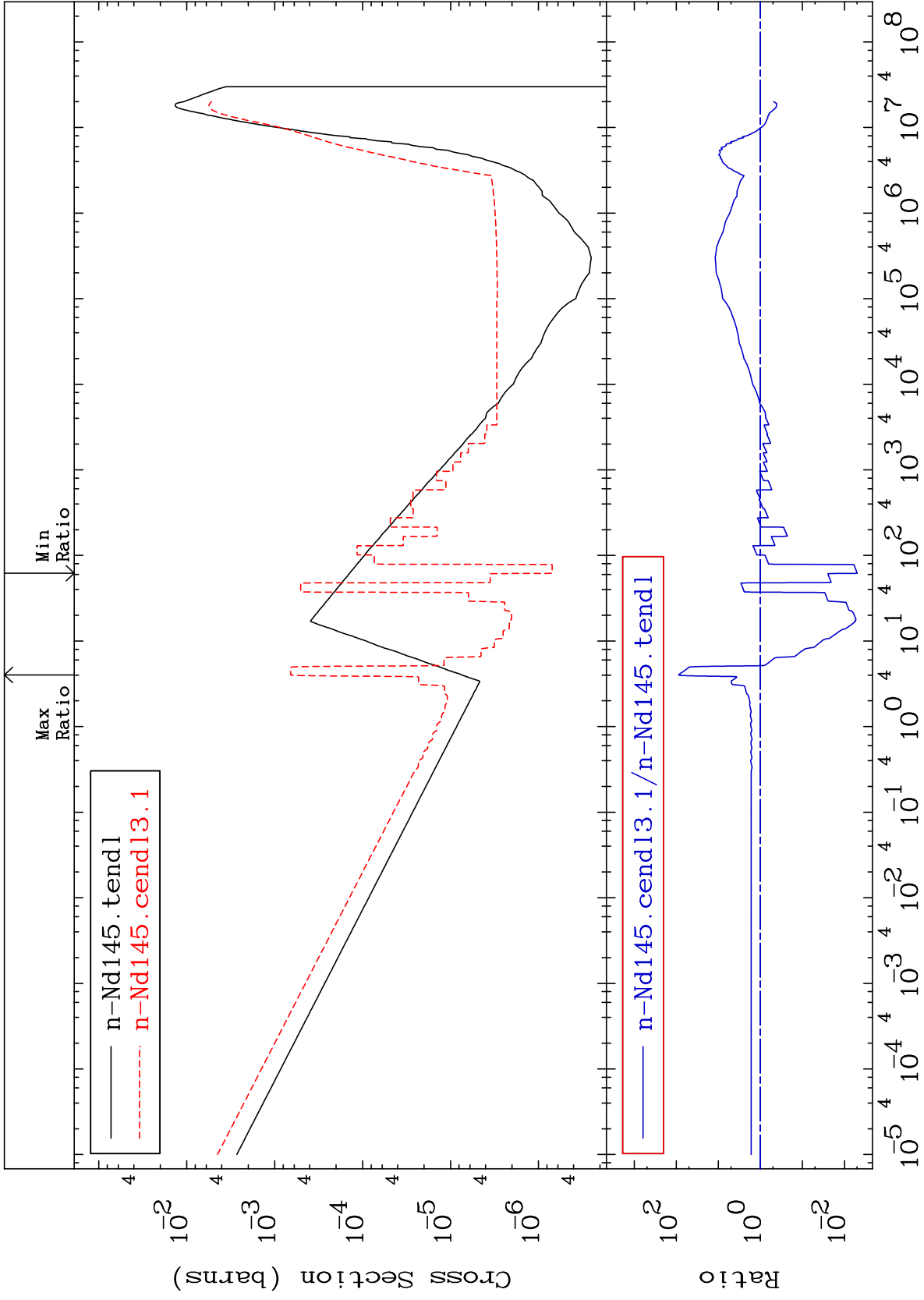
32

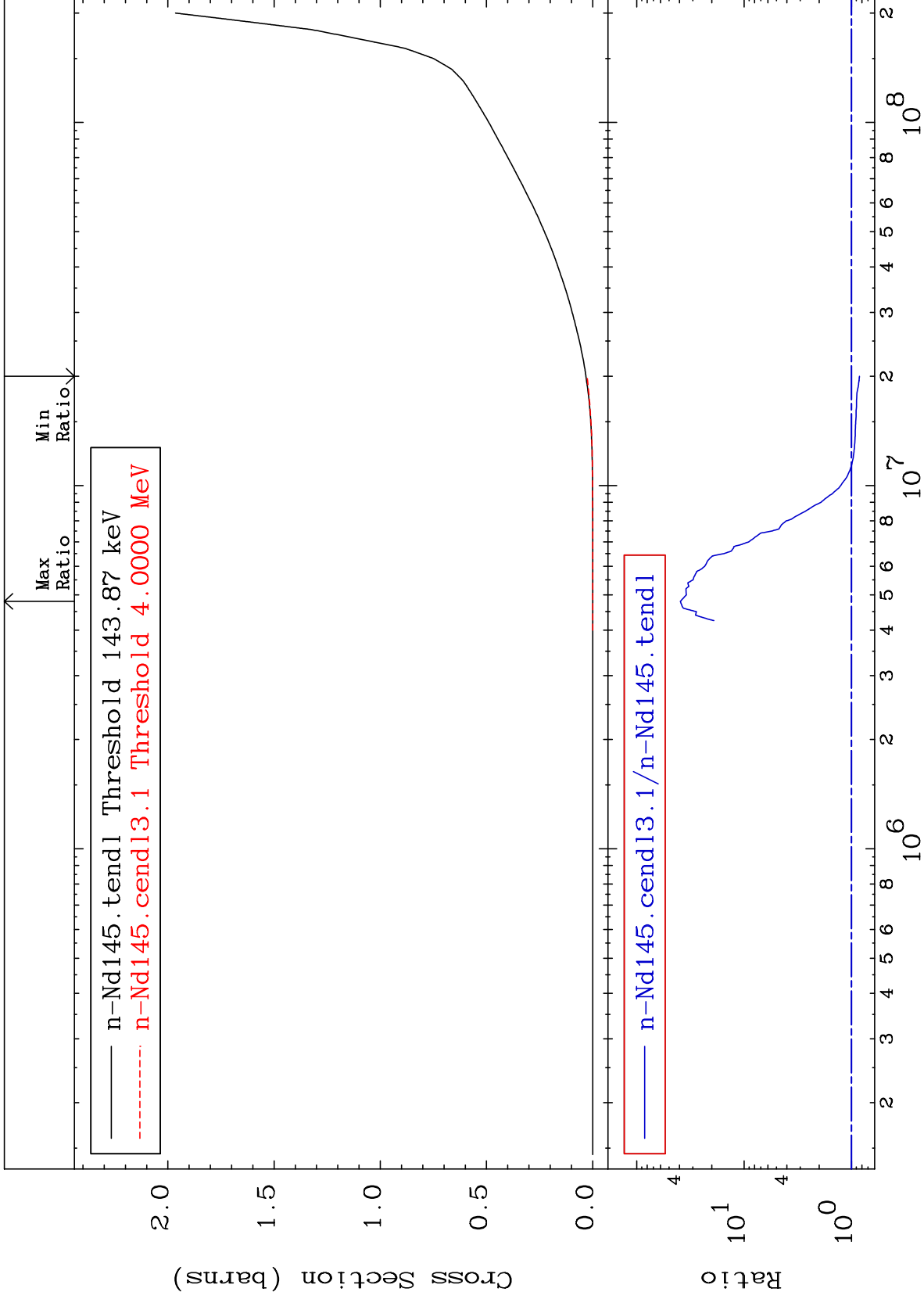
Incident Energy (eV)

60-Nd-145

MAT 6034

(n, α)
Cross Section
60-Nd-145
-99.50 To 8711. %

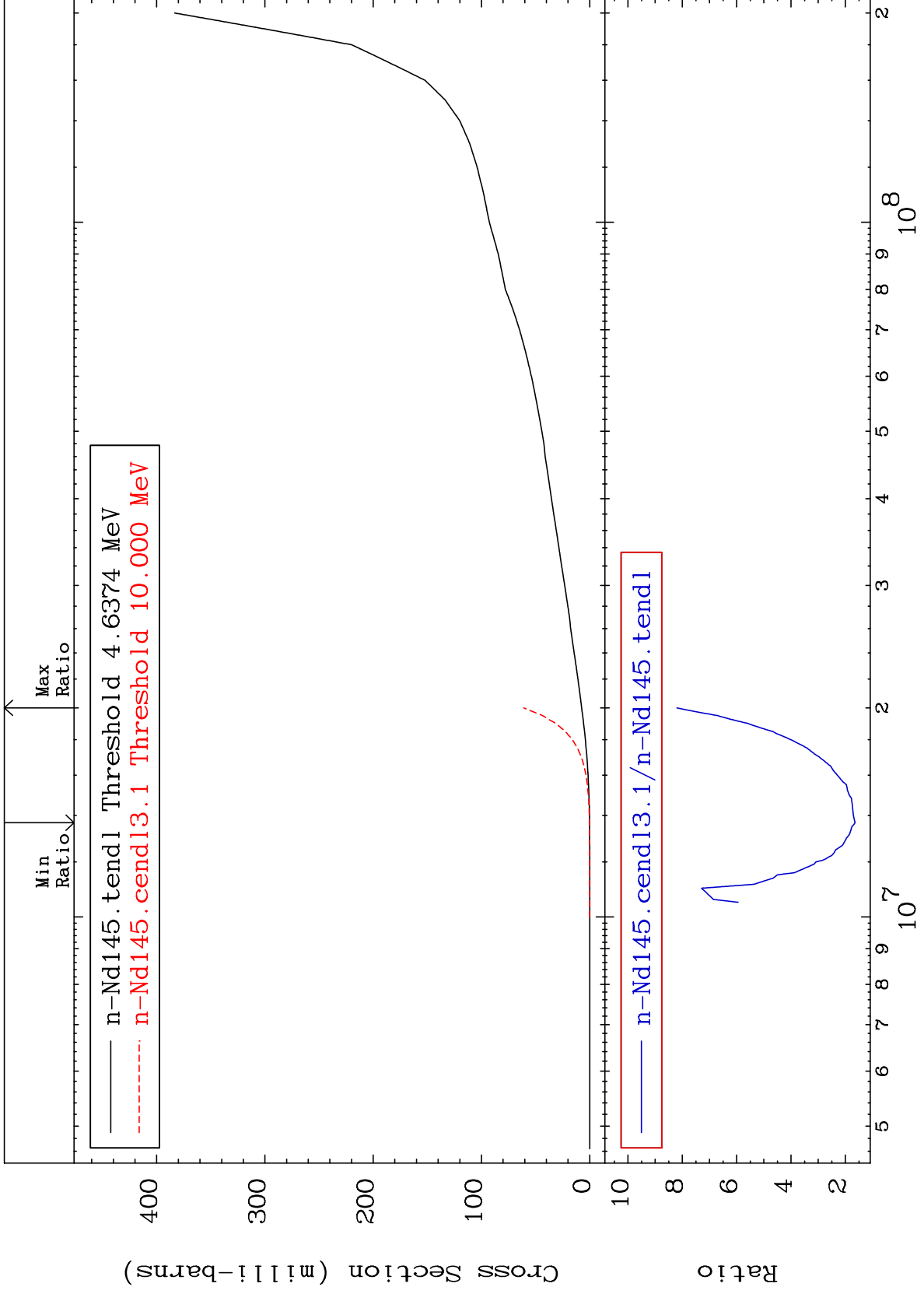




MAT 6034

Deuterium Production
Cross Section

60-Nd-145
64.49 To 719.9 %



35

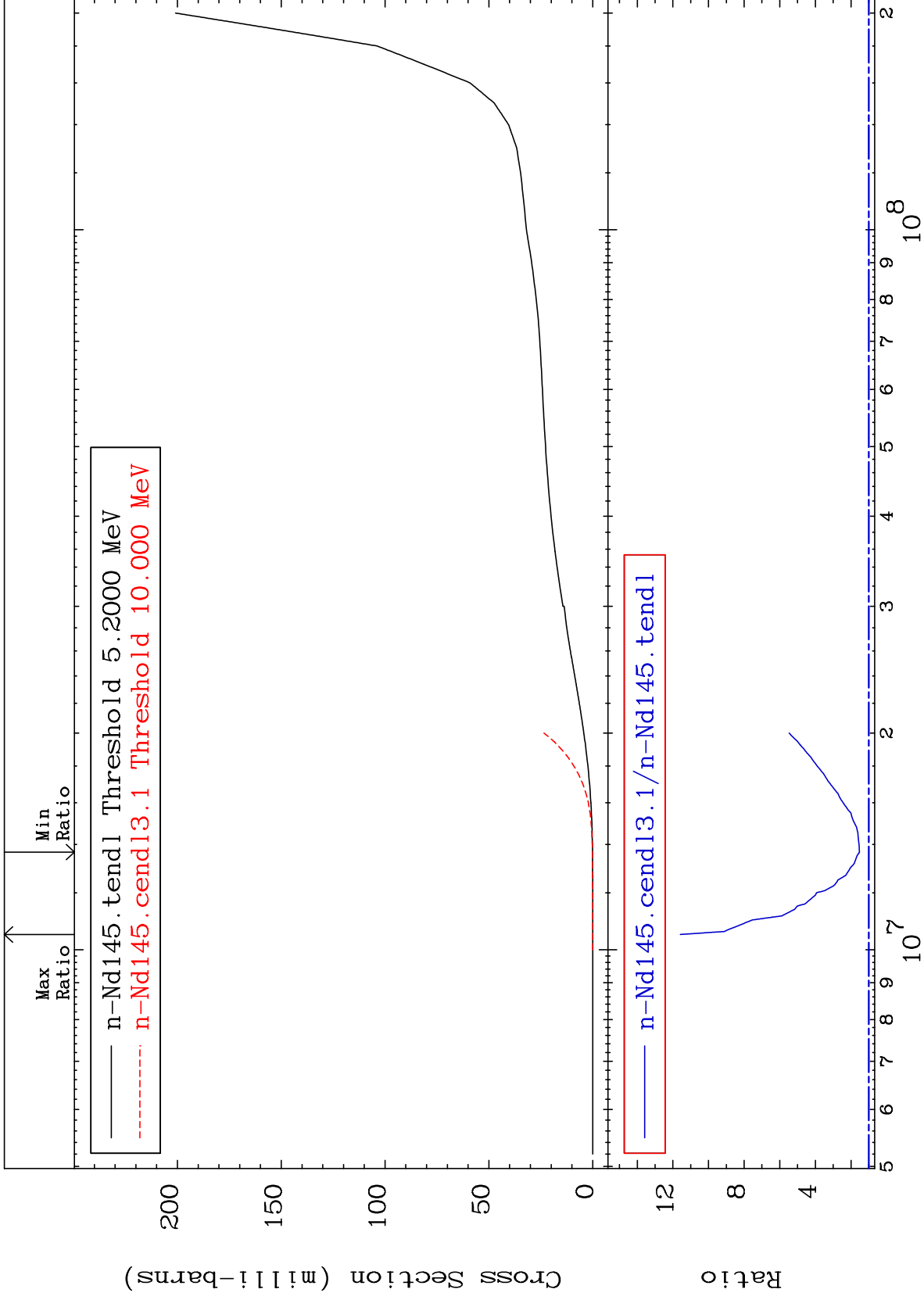
Incident Energy (eV)

60-Nd-145

MAT 6034

Tritium Production
Cross Section

60-Nd-145
52.58 To 1058. %



36

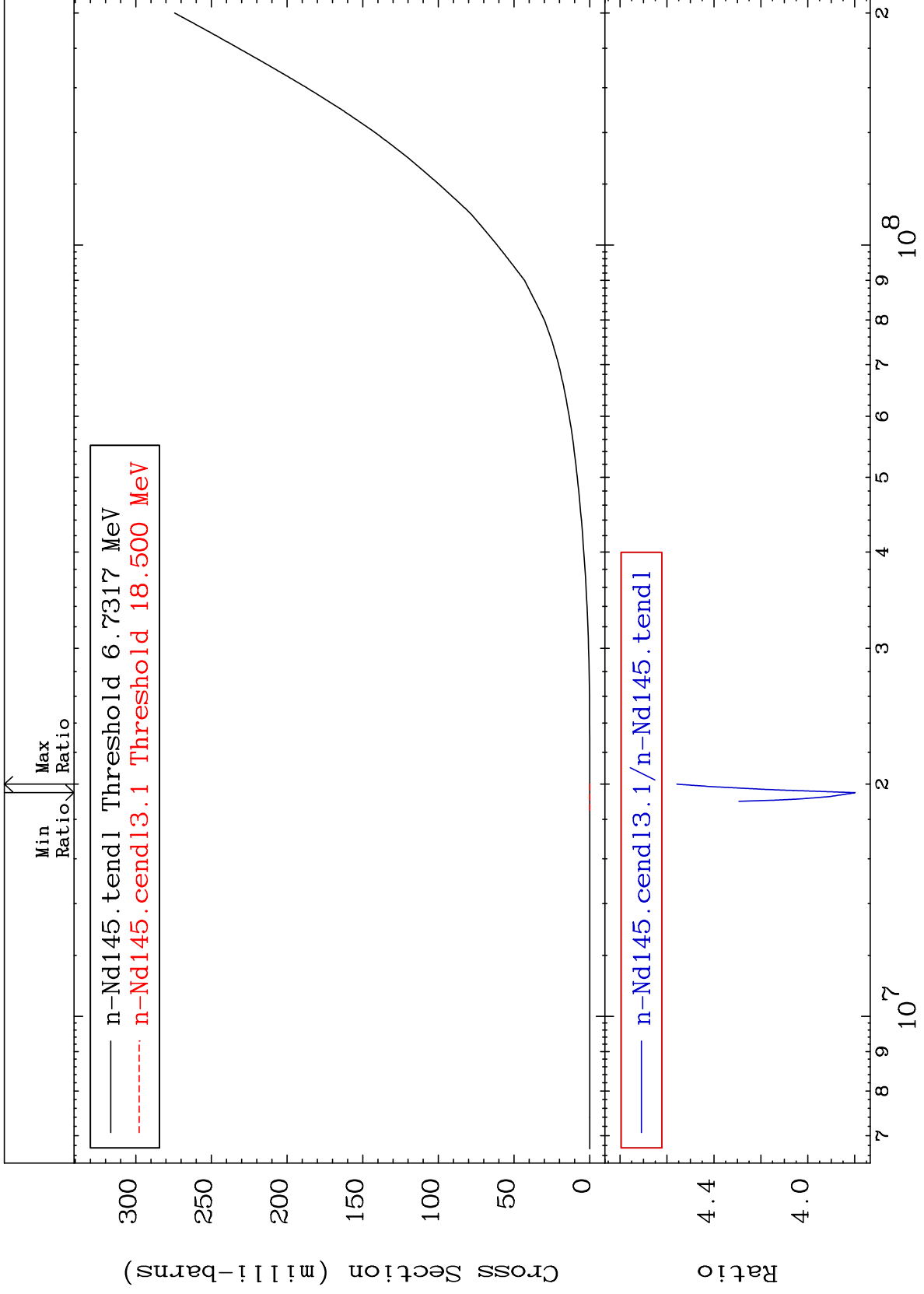
Incident Energy (eV)

60-Nd-145

MAT 6034

He-3 Production
Cross Section

60-Nd-145
279.9 To 355.8 %



37

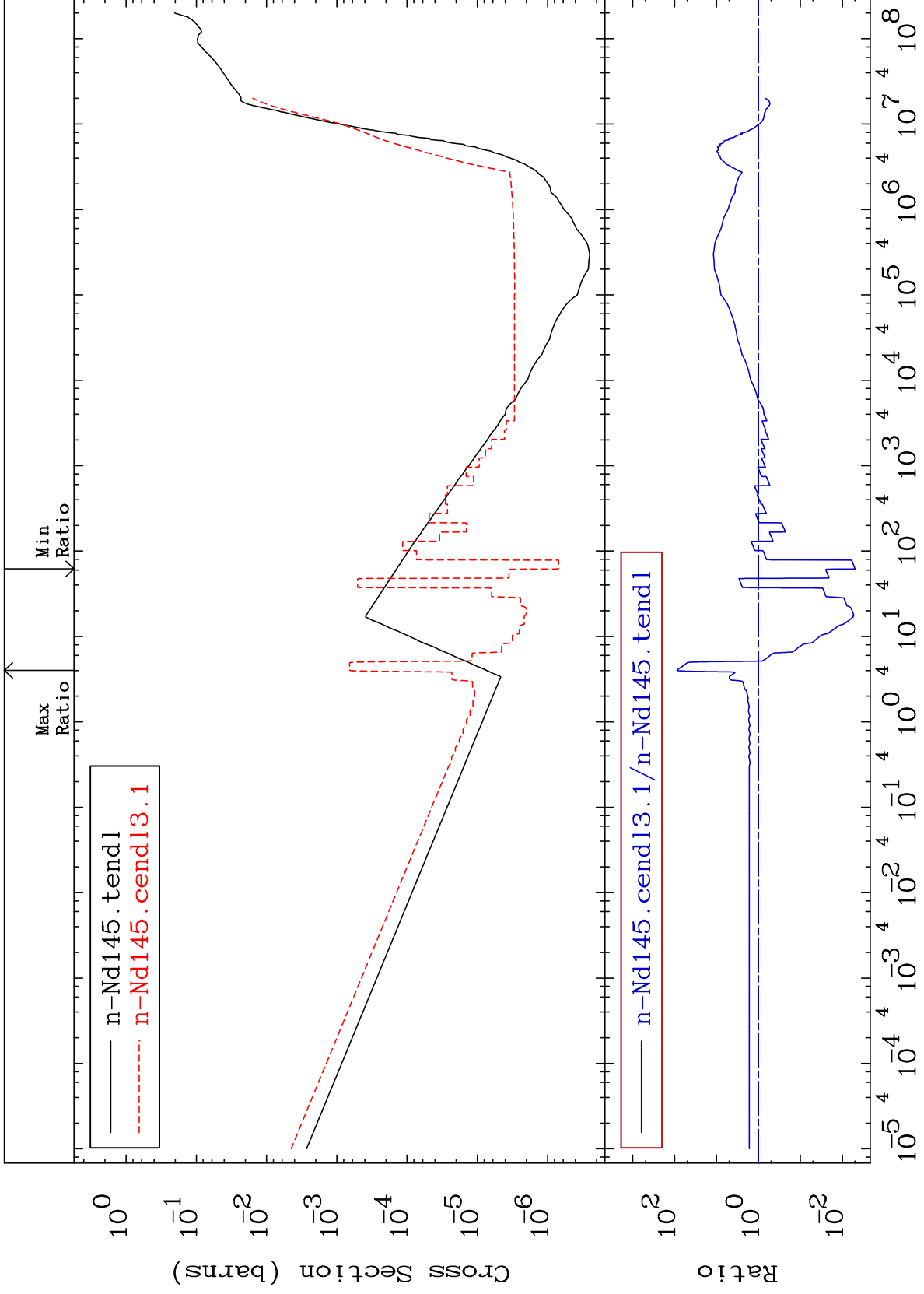
Incident Energy (eV)

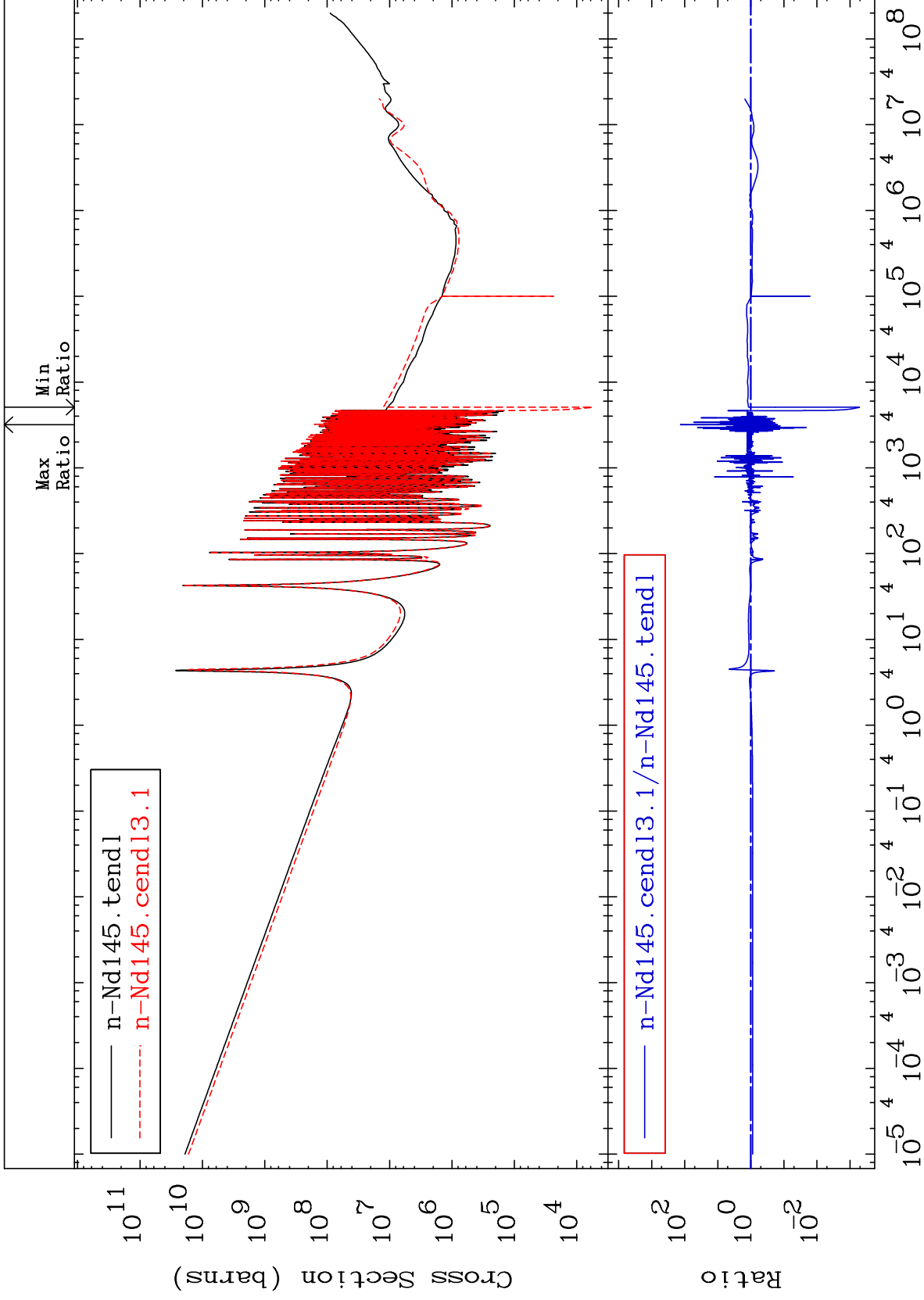
60-Nd-145

MAT 6034

He-4 Production
Cross Section

60-Nd-145
-99.50 To 8711. %

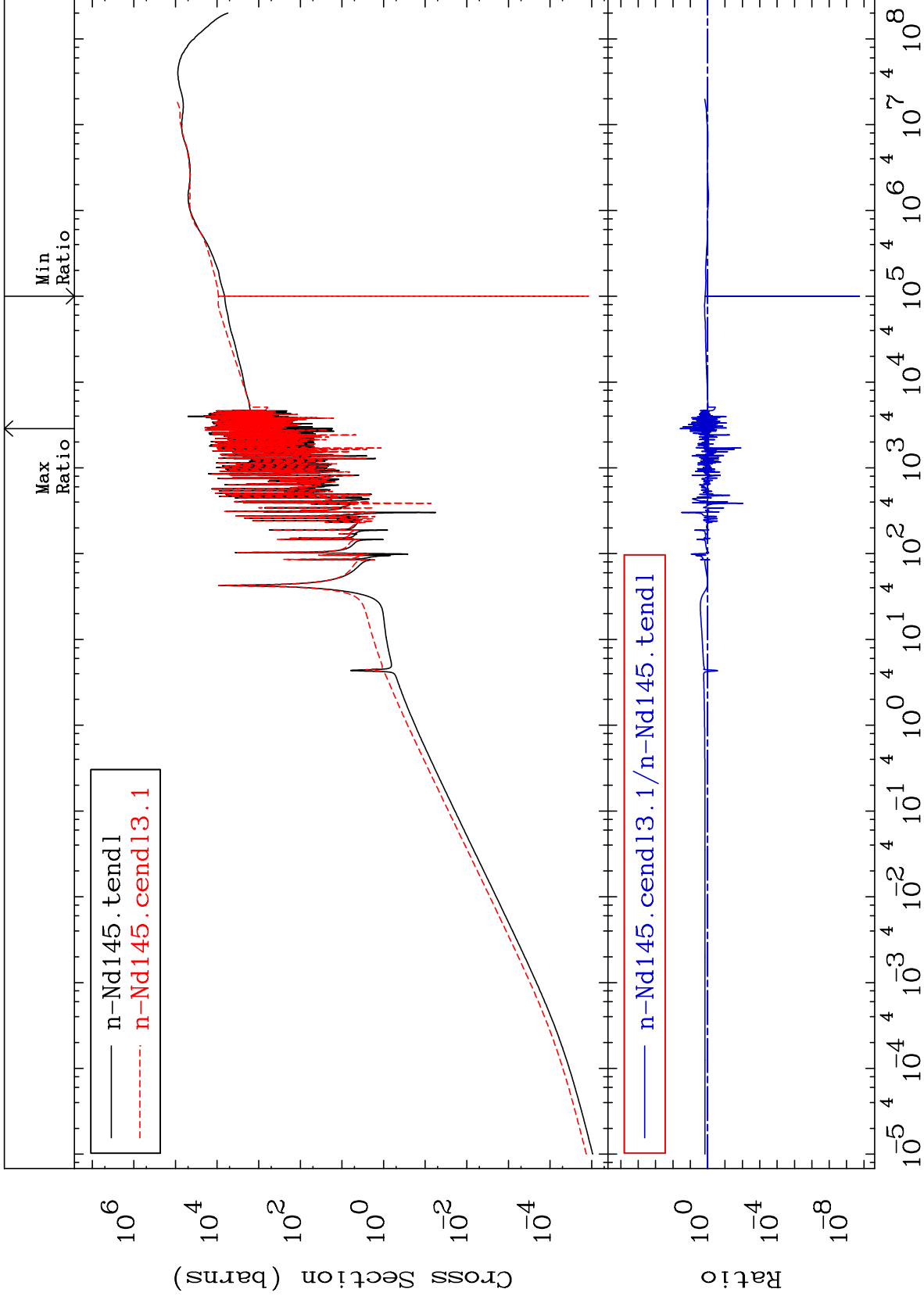




MAT 6034

Kerma elastic
Cross Section

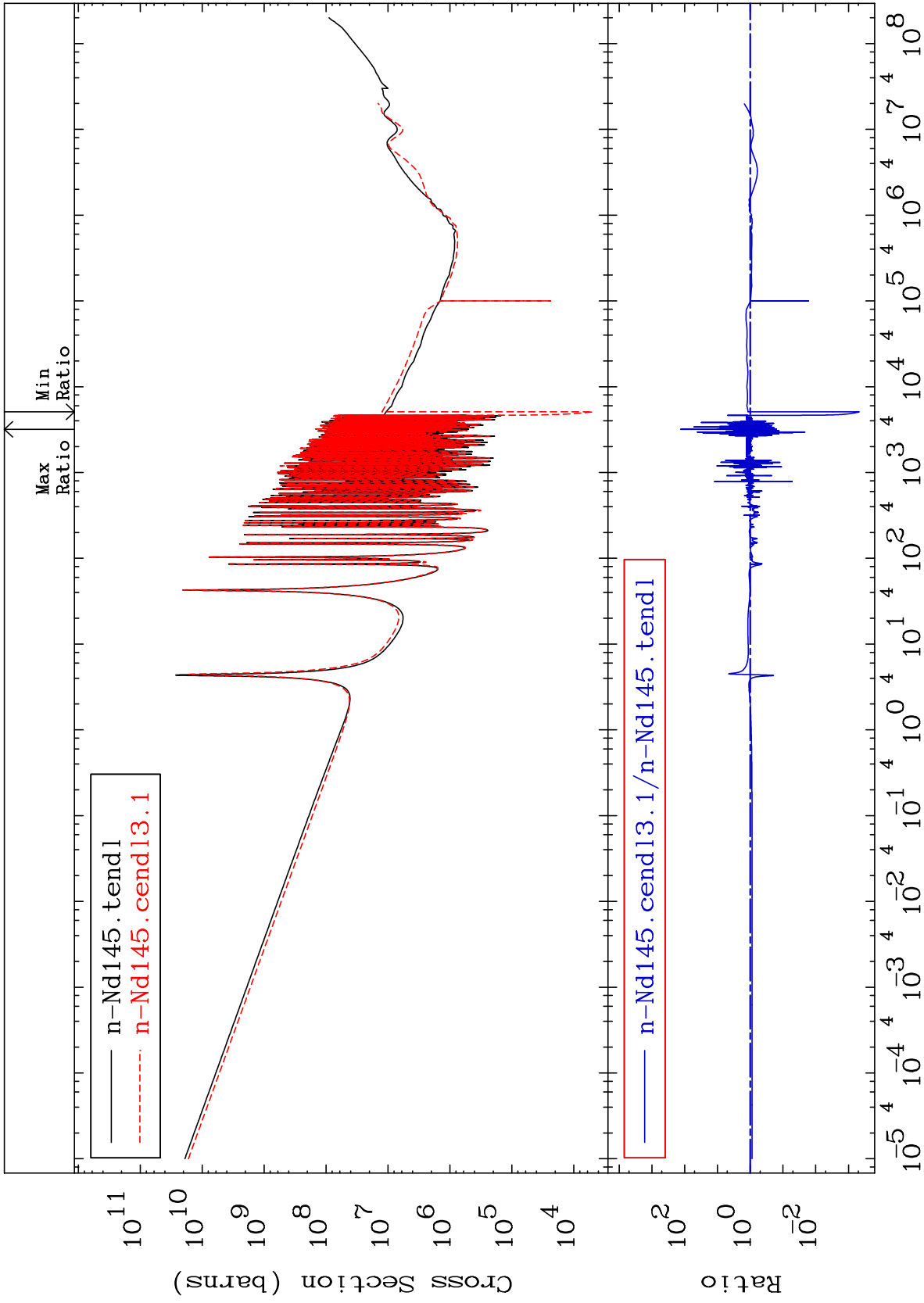
60-Nd-145
-100.0 To 3630. %

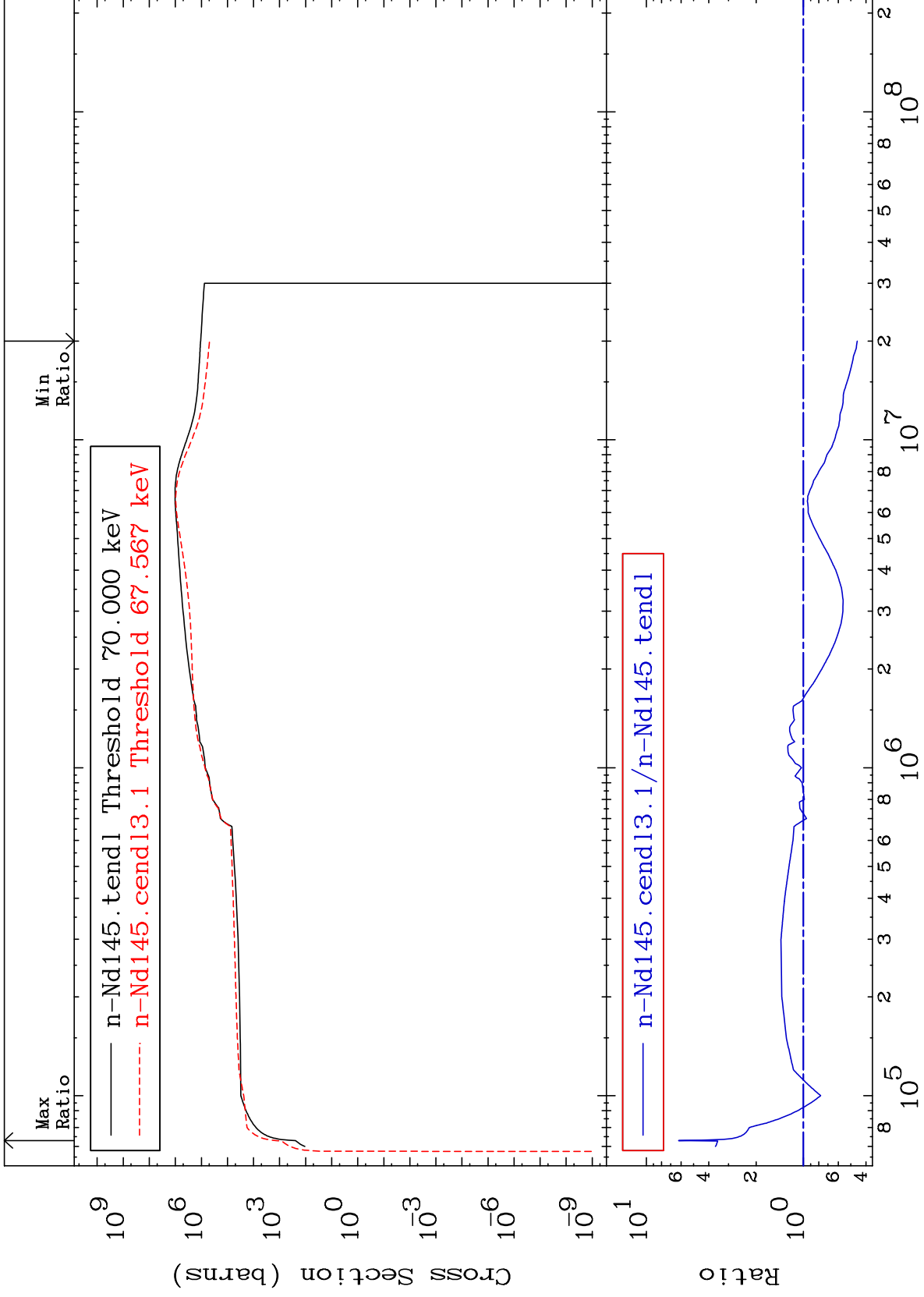


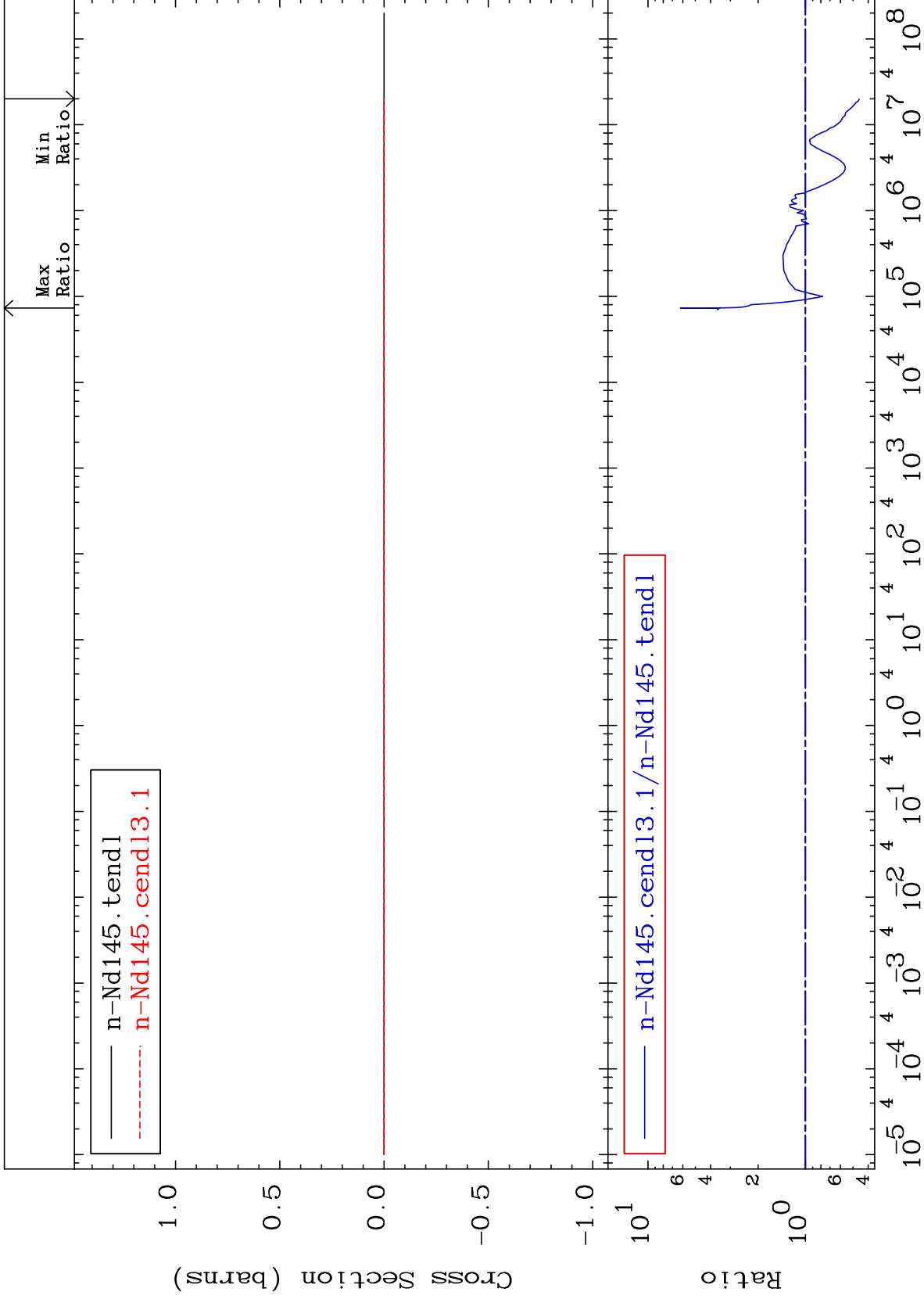
40

Incident Energy (eV)

60-Nd-145



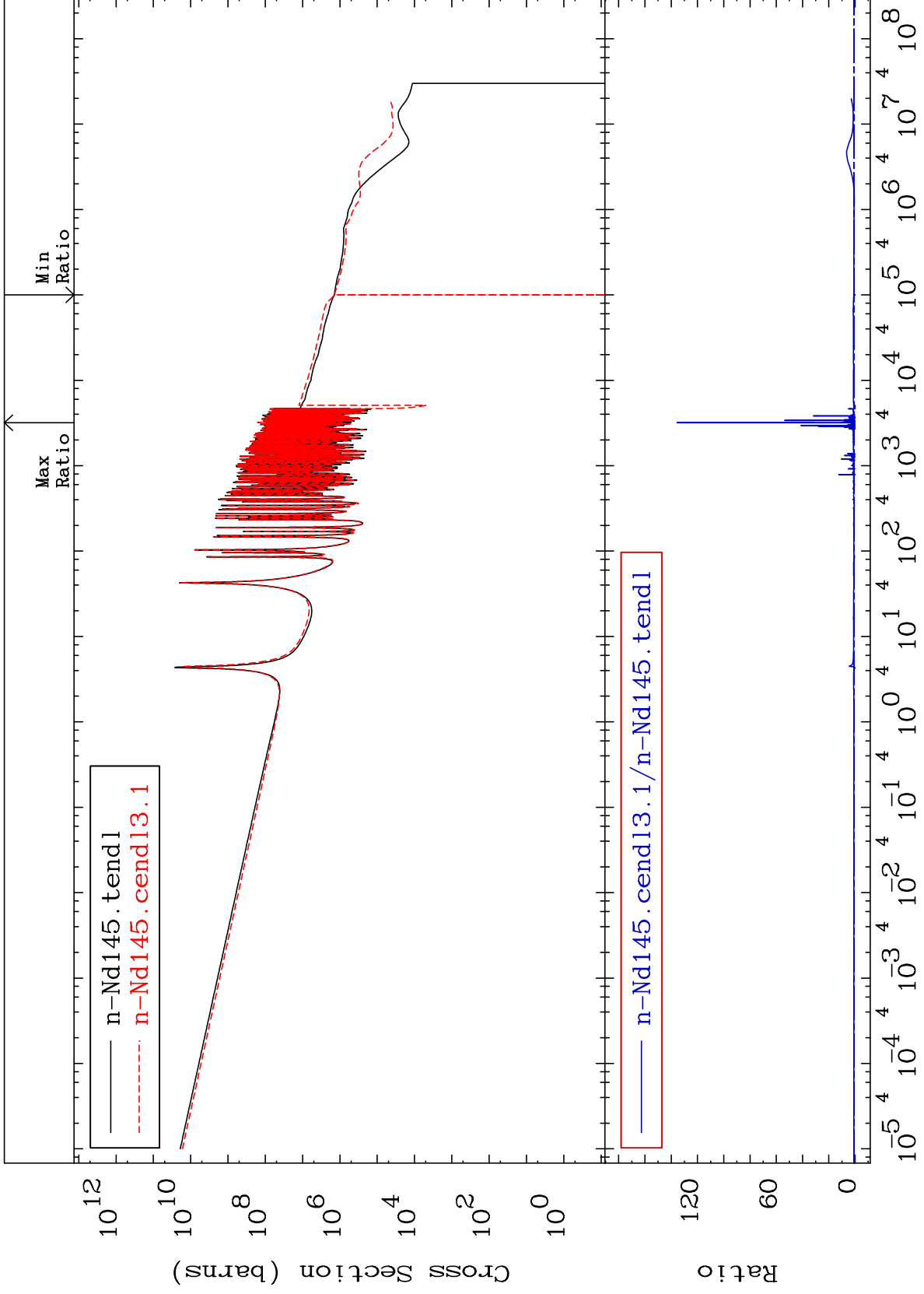




MAT 6034

Kerma capture (mt102)
Cross Section

60-Nd-145
-100.0 To 9999. %



44

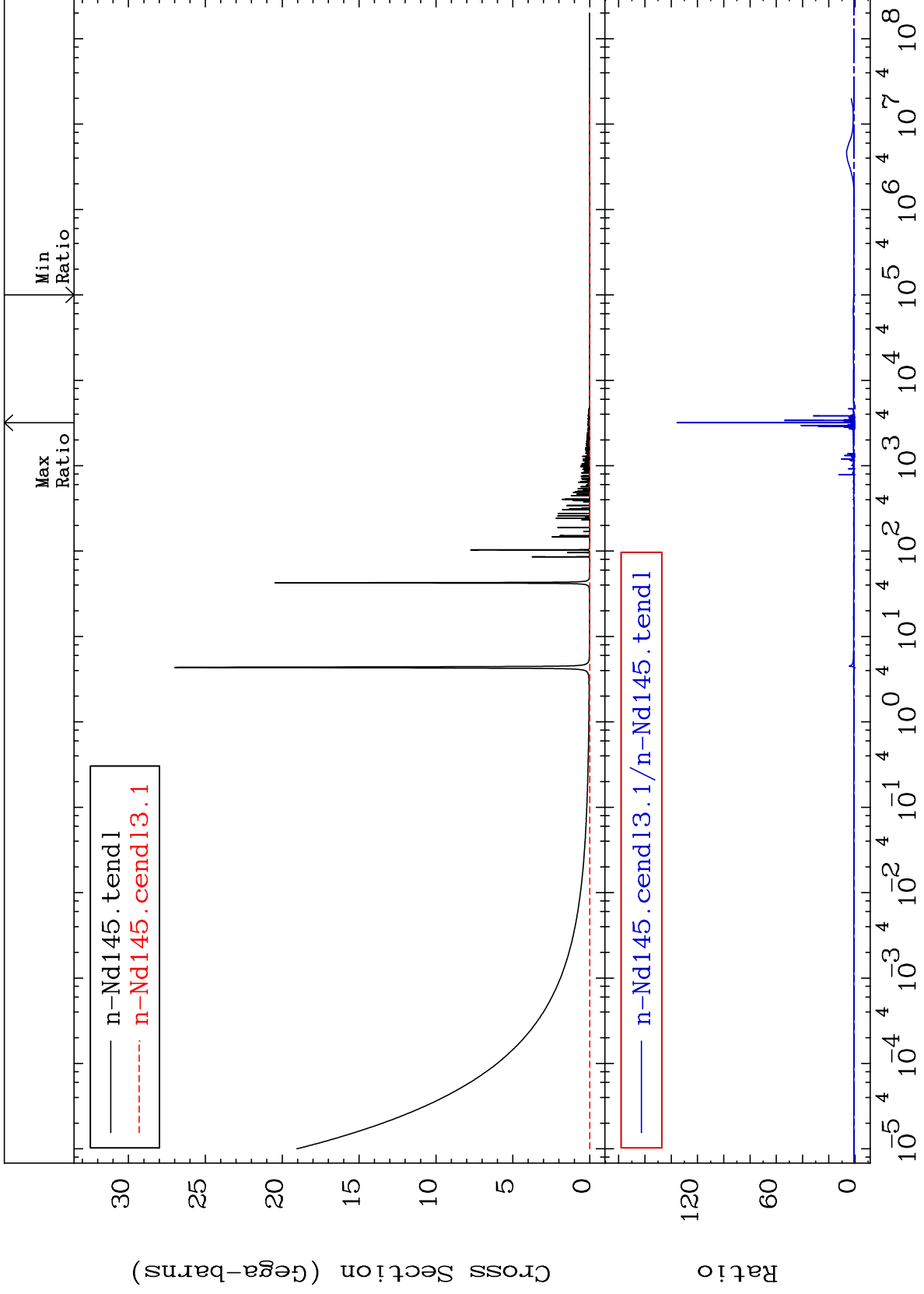
Incident Energy (eV)

60-Nd-145

MAT 6034

Total photon (eV-barns)
Cross Section

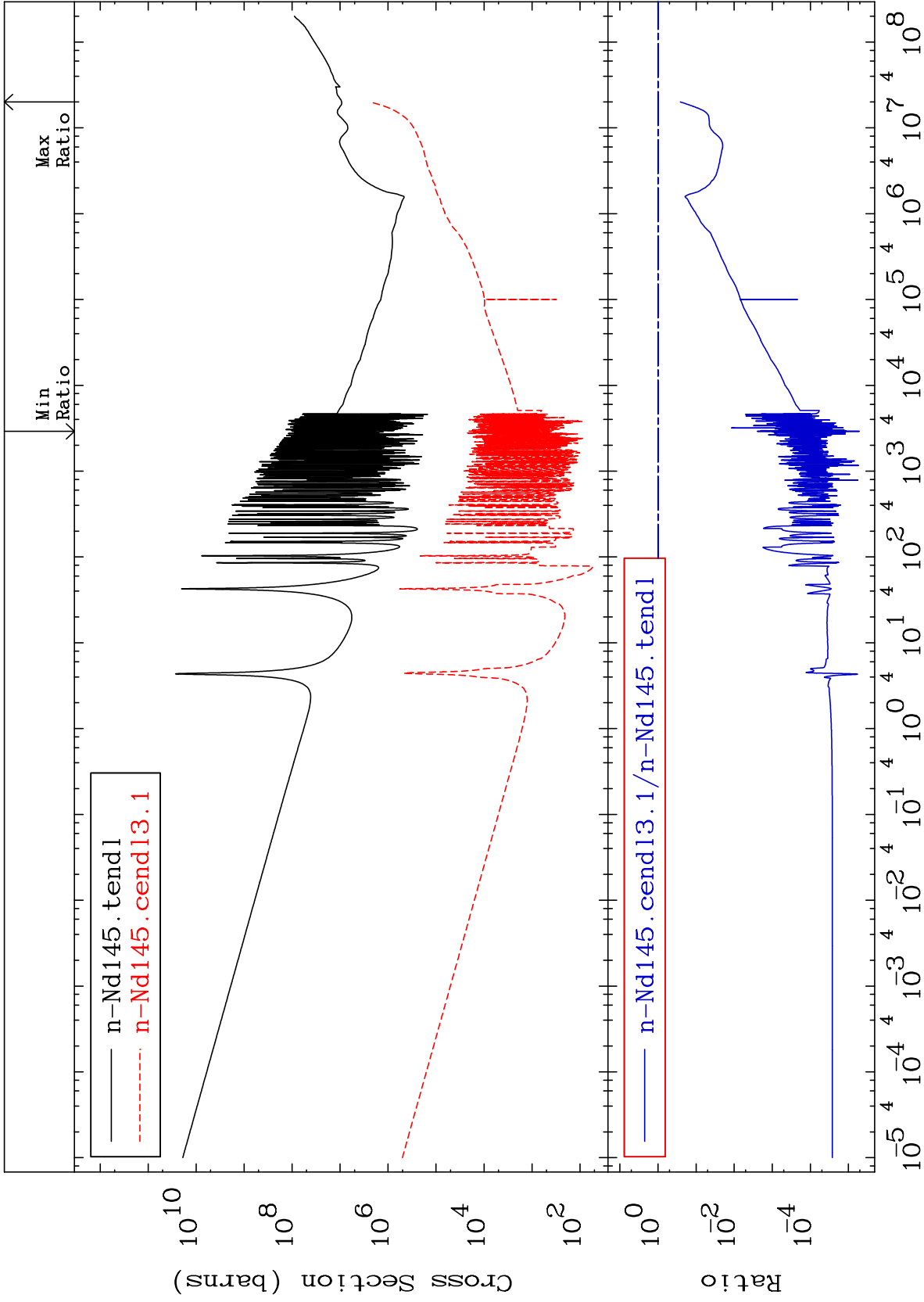
60-Nd-145
-100.0 To 9999. %



45

Incident Energy (eV)

60-Nd-145



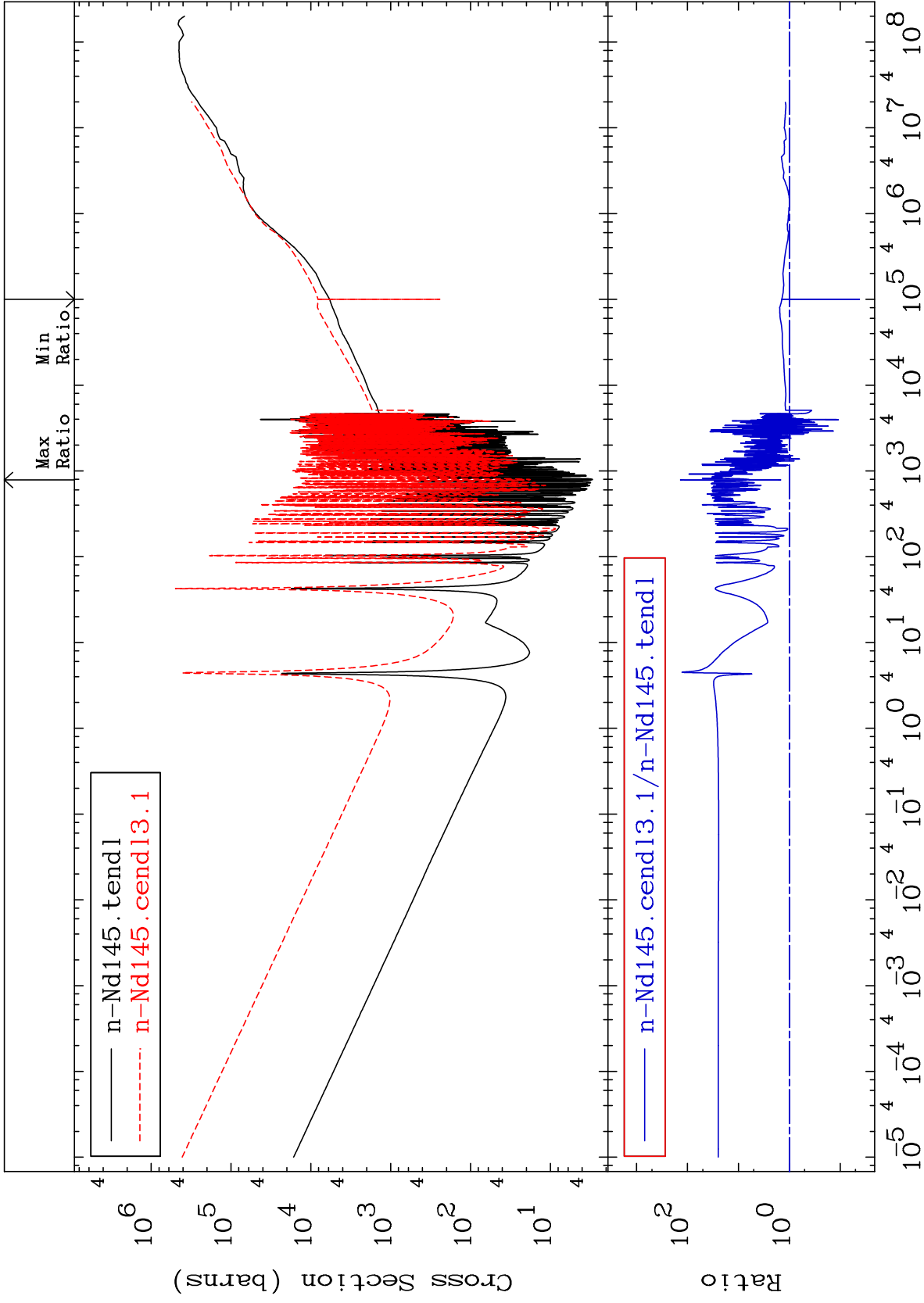
MAT 6034

Dpa total (eV-barns)

60-Nd-145

-95.81 To 9999. %

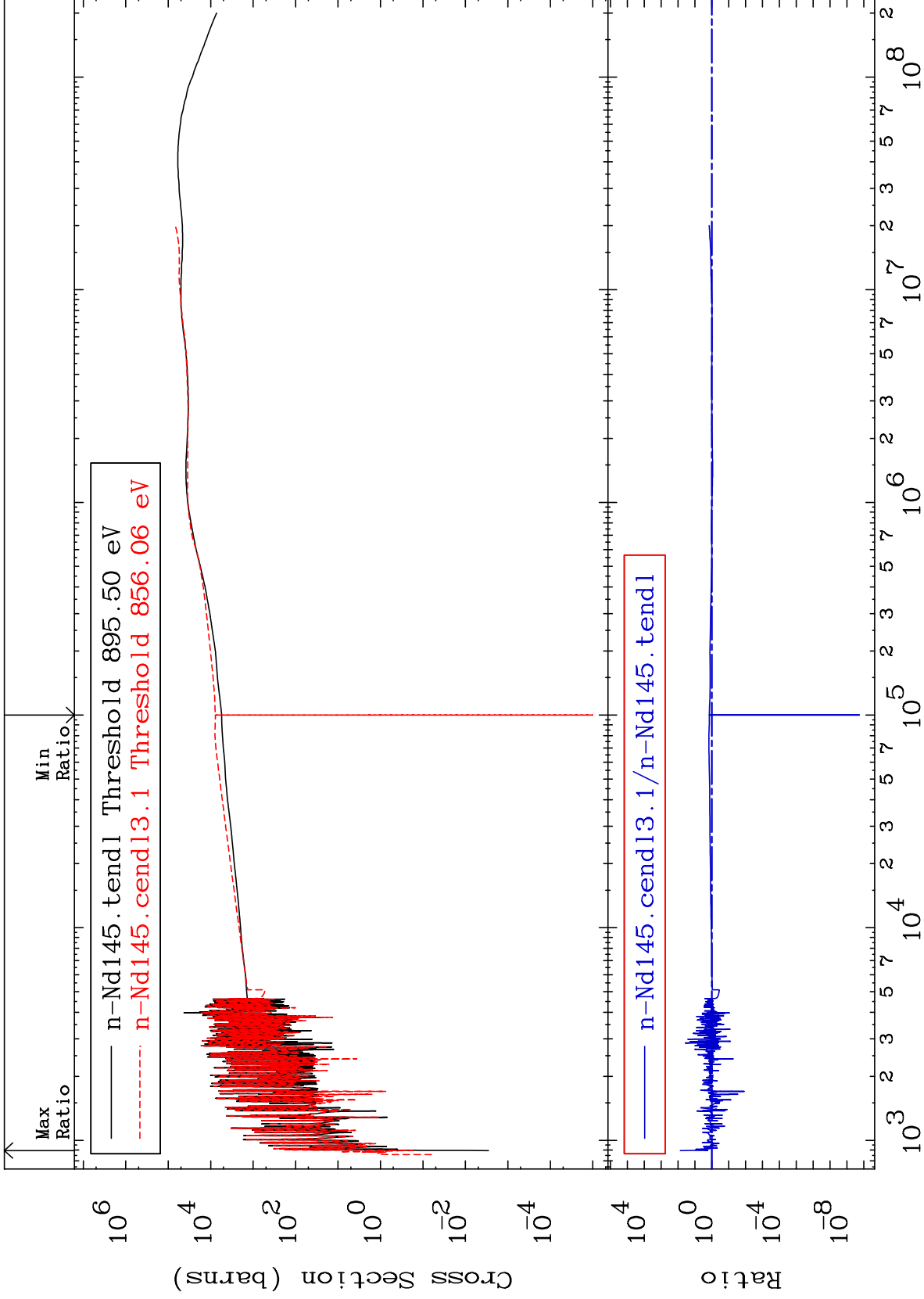
Cross Section



MAT 6034

Dpa elastic (mt2)
Cross Section

60-Nd-145
-100.0 To 7253. %



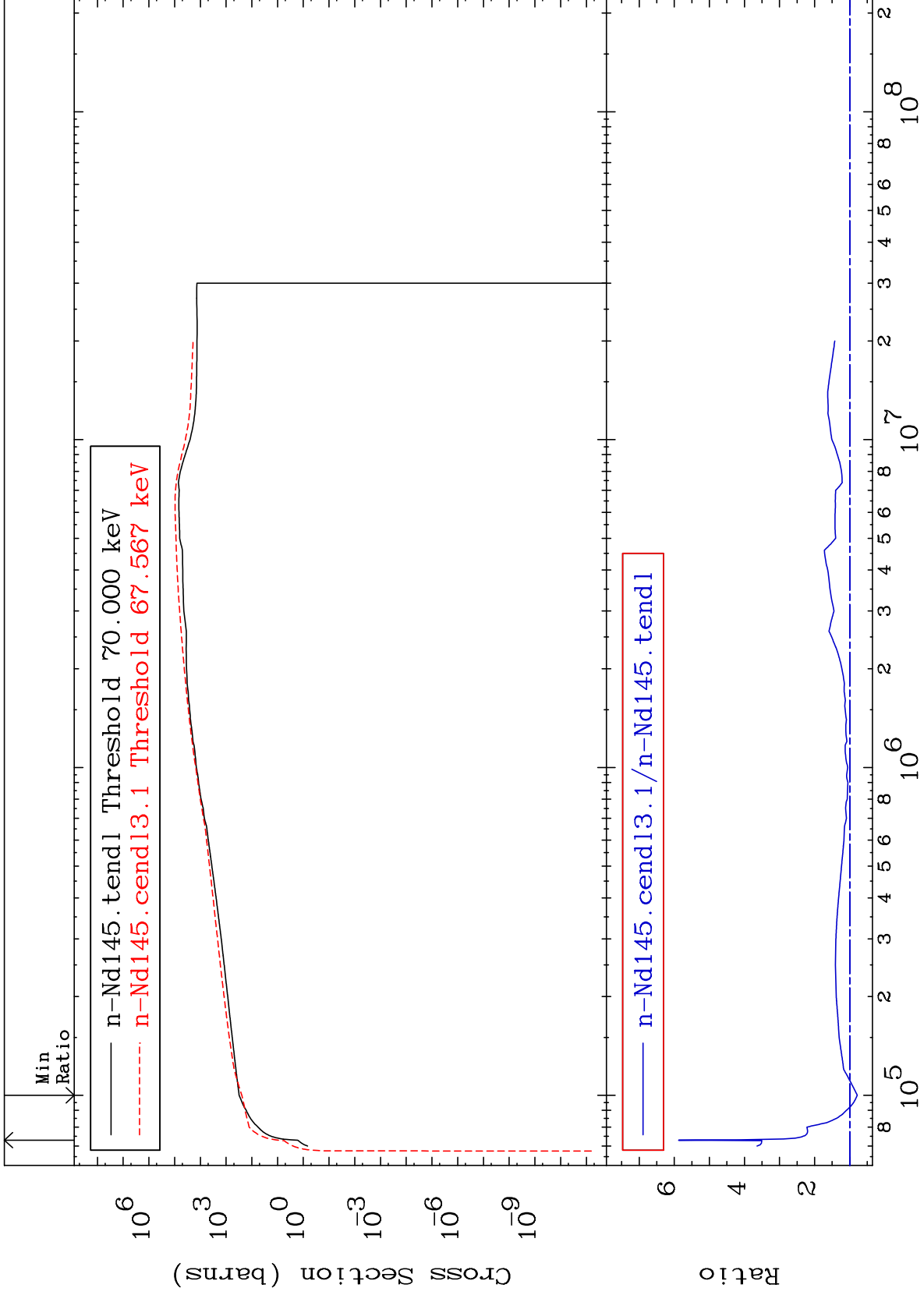
48

60-Nd-145

MAT 6034

Dpa inelastic (mt51-91)
Cross Section

60-Nd-145
-21.51 To 487.6 %



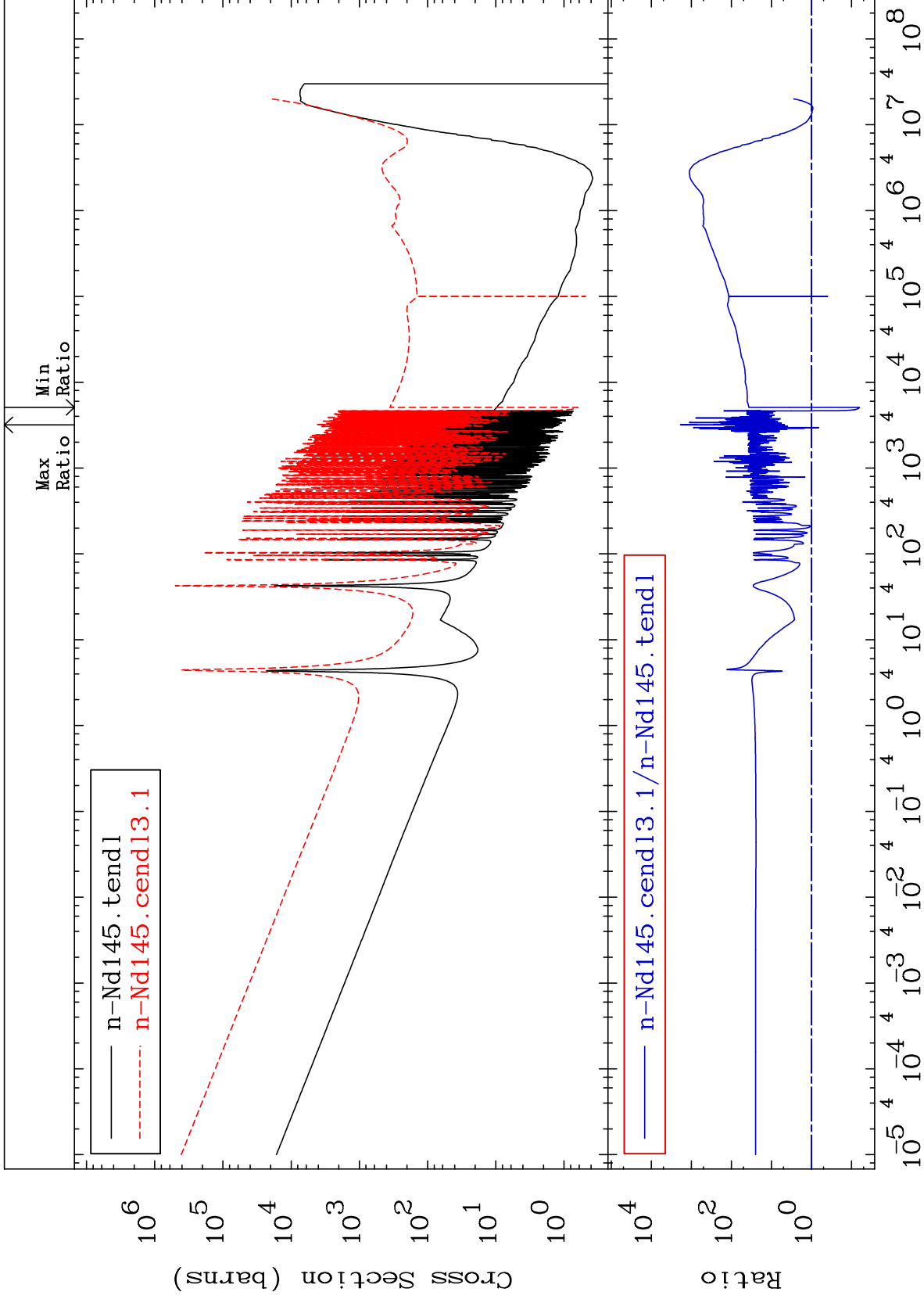
49

60-Nd-145

MAT 6034

Dpa disappearance (mt102 -120)
Cross Section

60-Nd-145
-93.66 To 9999. %



50

Incident Energy (eV)

60-Nd-145