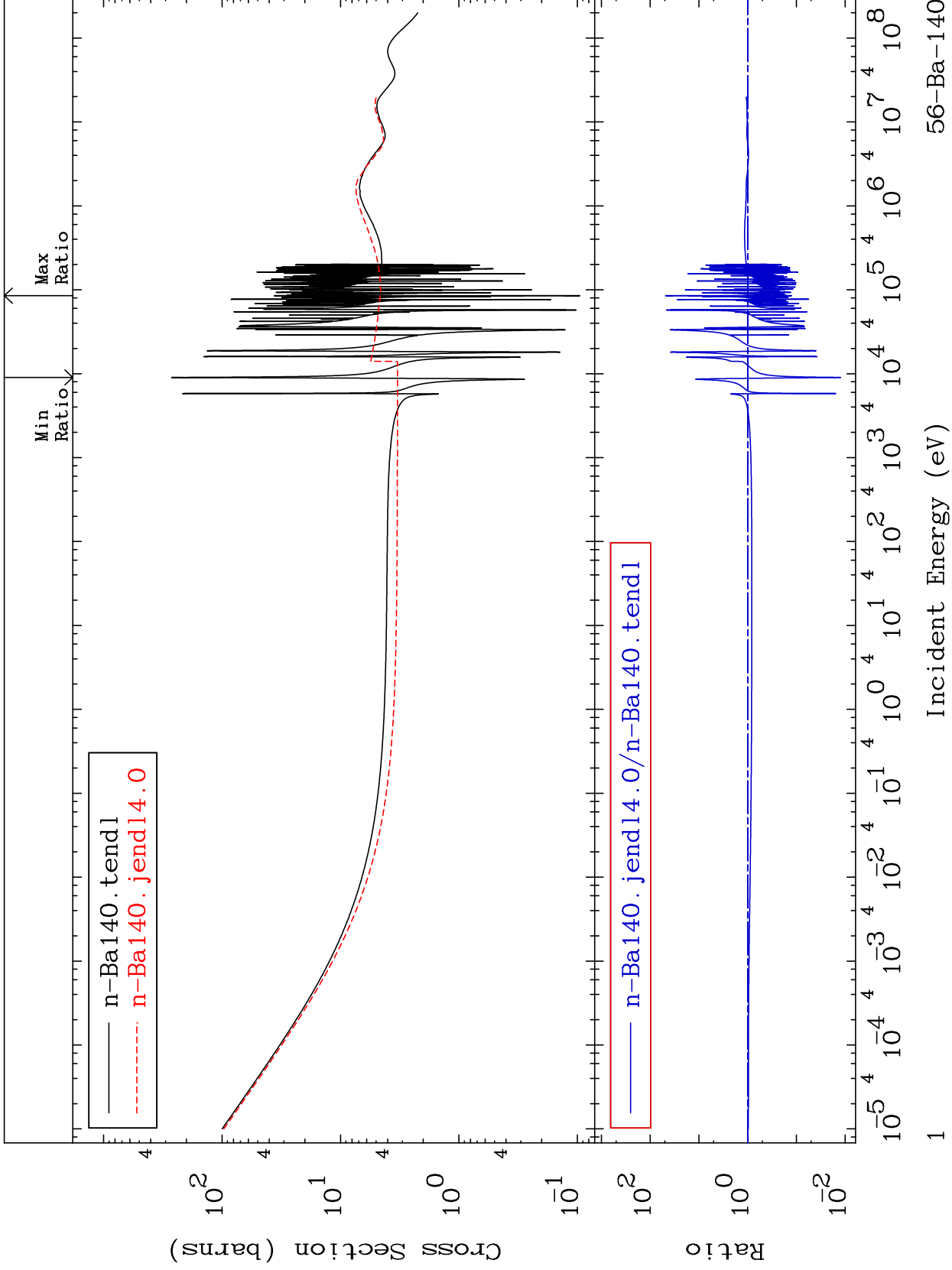


MAT 5655

Total
Cross Section

56-Ba-140
-98.76 To 4746. %



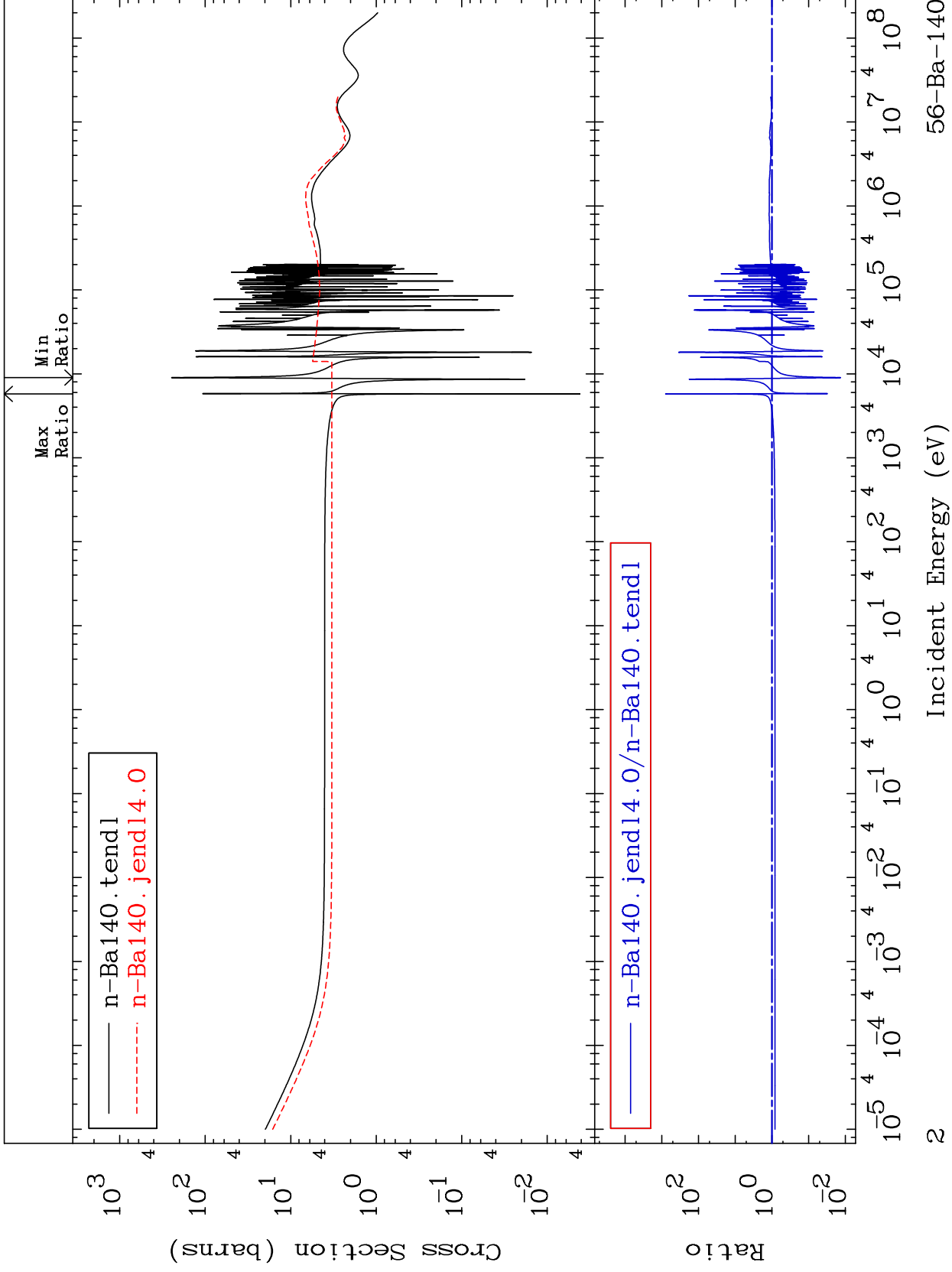
Incident Energy (eV)

56-Ba-140

MAT 5655

Elastic
Cross Section

56-Ba-140
-98.66 To 9999. %



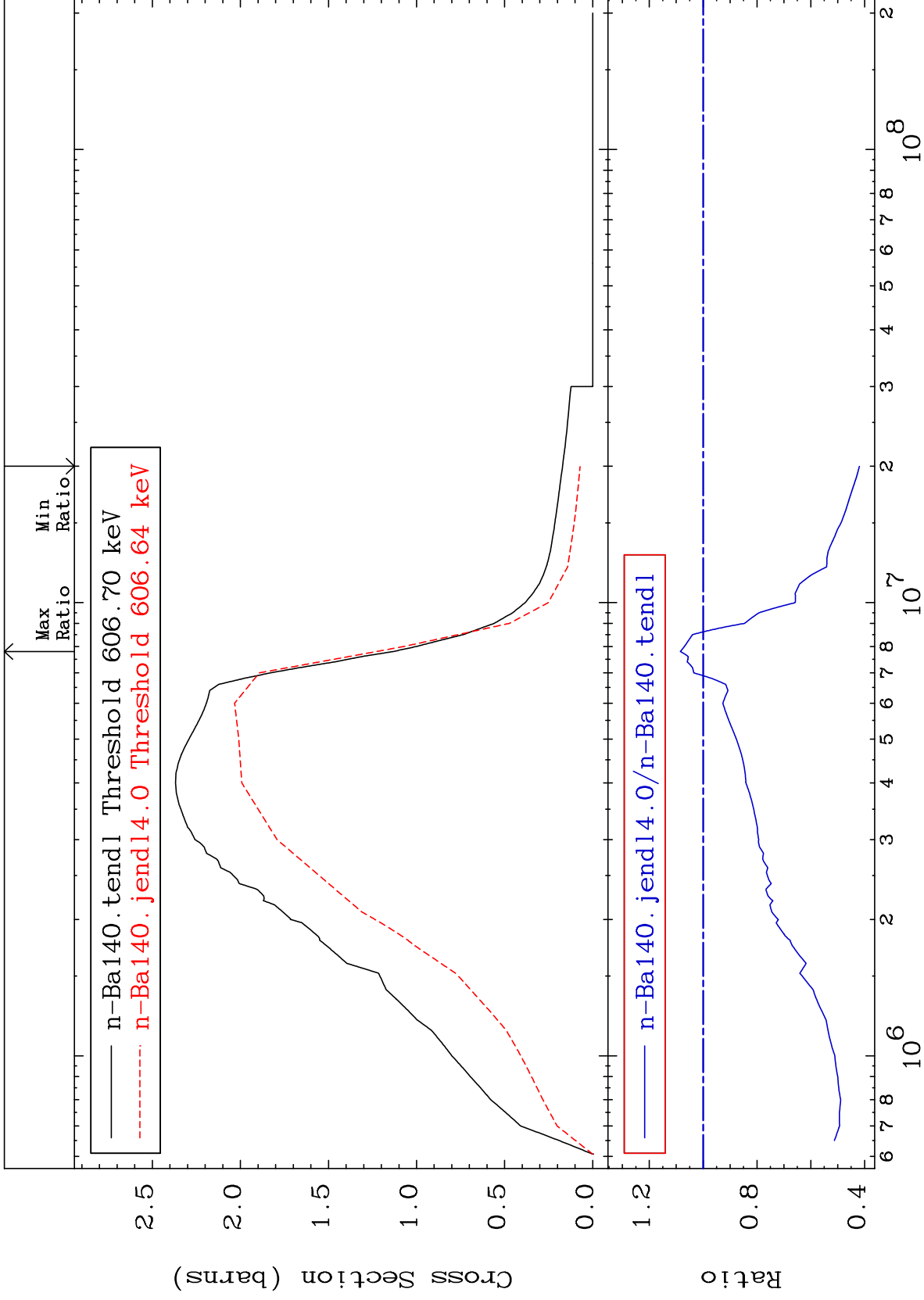
Incident Energy (eV)

56-Ba-140

2

MAT 5655

Inelastic Cross Section
56-Ba-140
-58.10 To 8.471 %



3

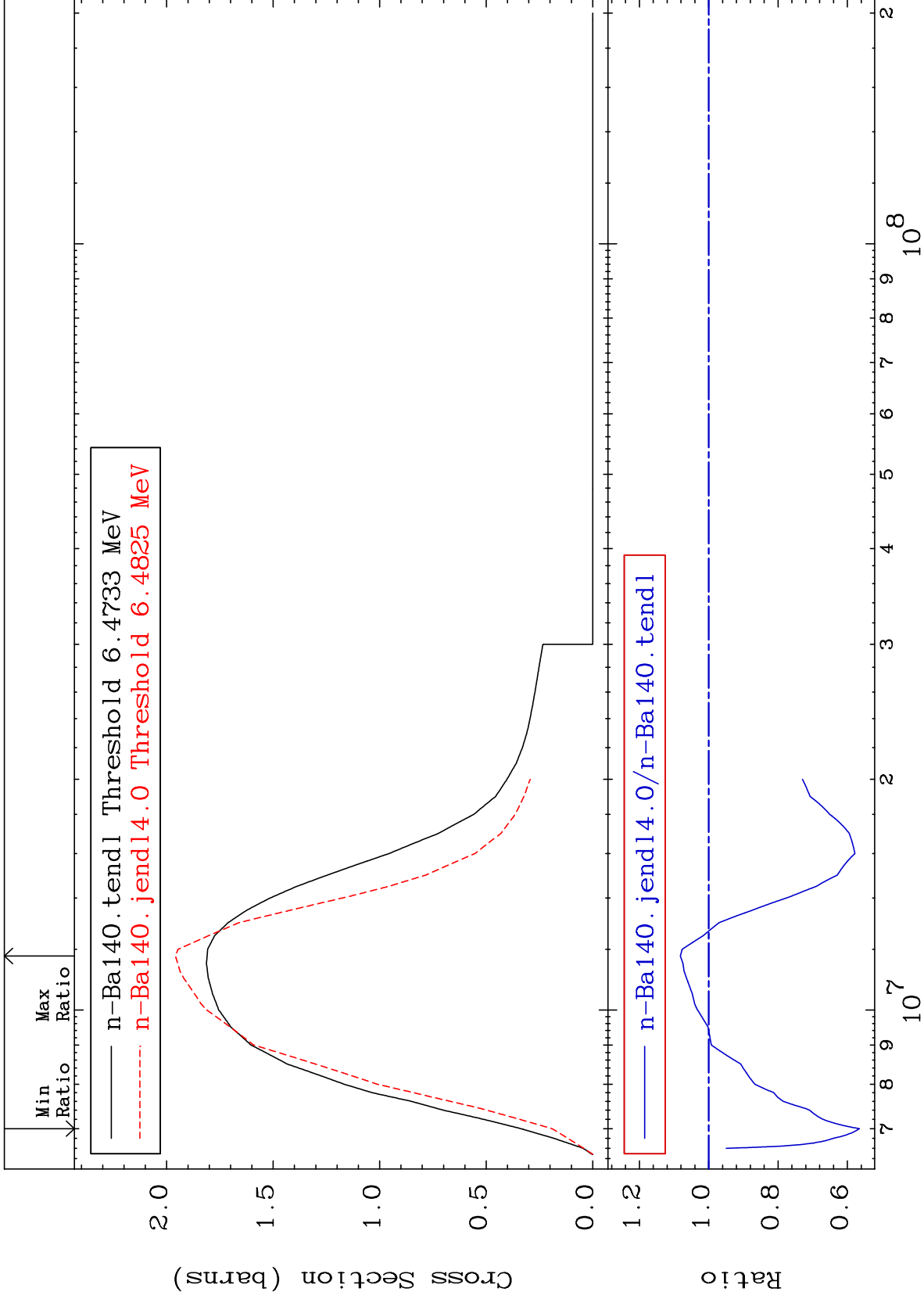
Incident Energy (eV)

56-Ba-140

MAT 5655

(n,2n)
Cross Section

56-Ba-140
-43.48 To 8.188 %



MAT 5655

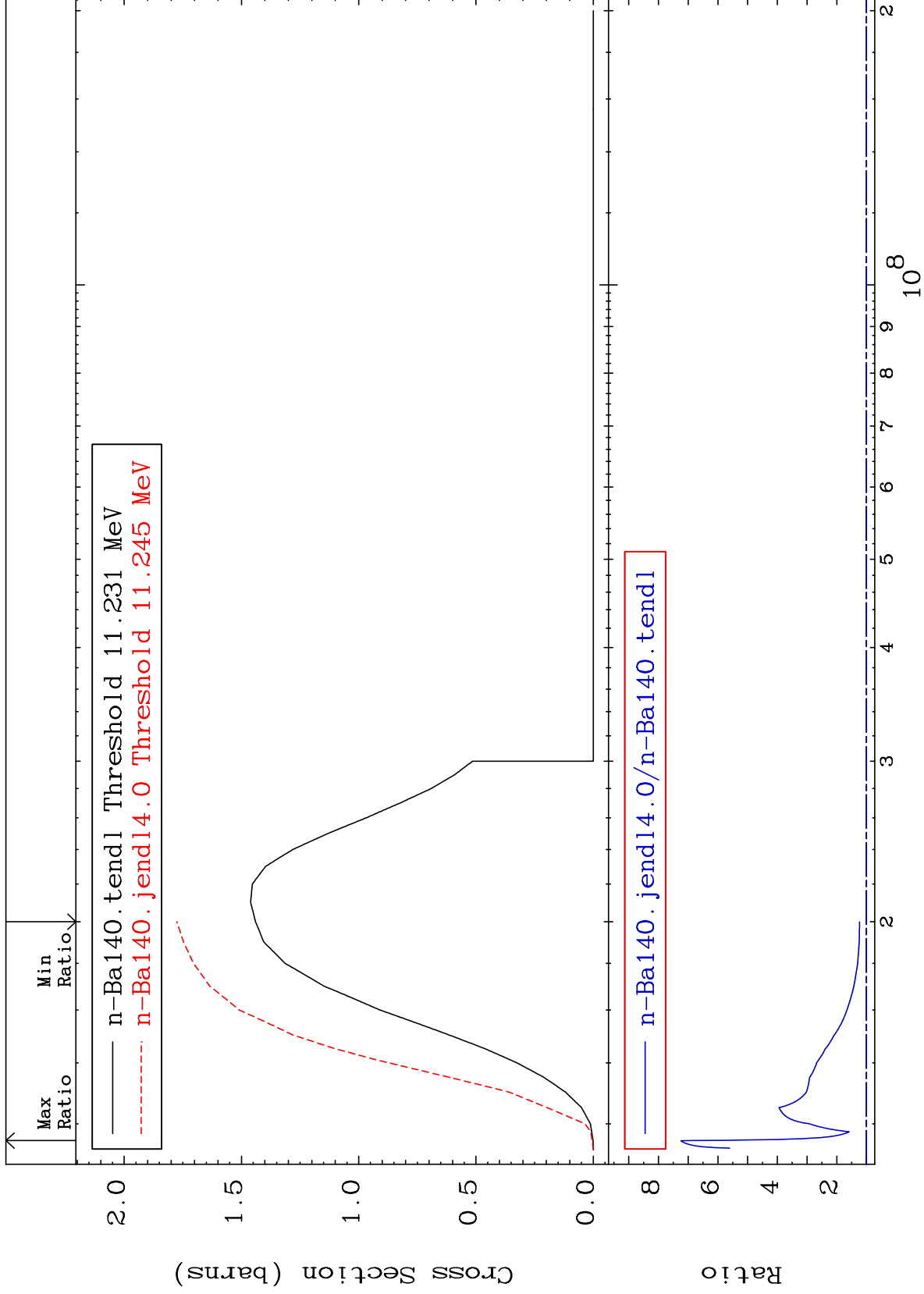
(n,3n)

56-Ba-140

Cross Section

23.31

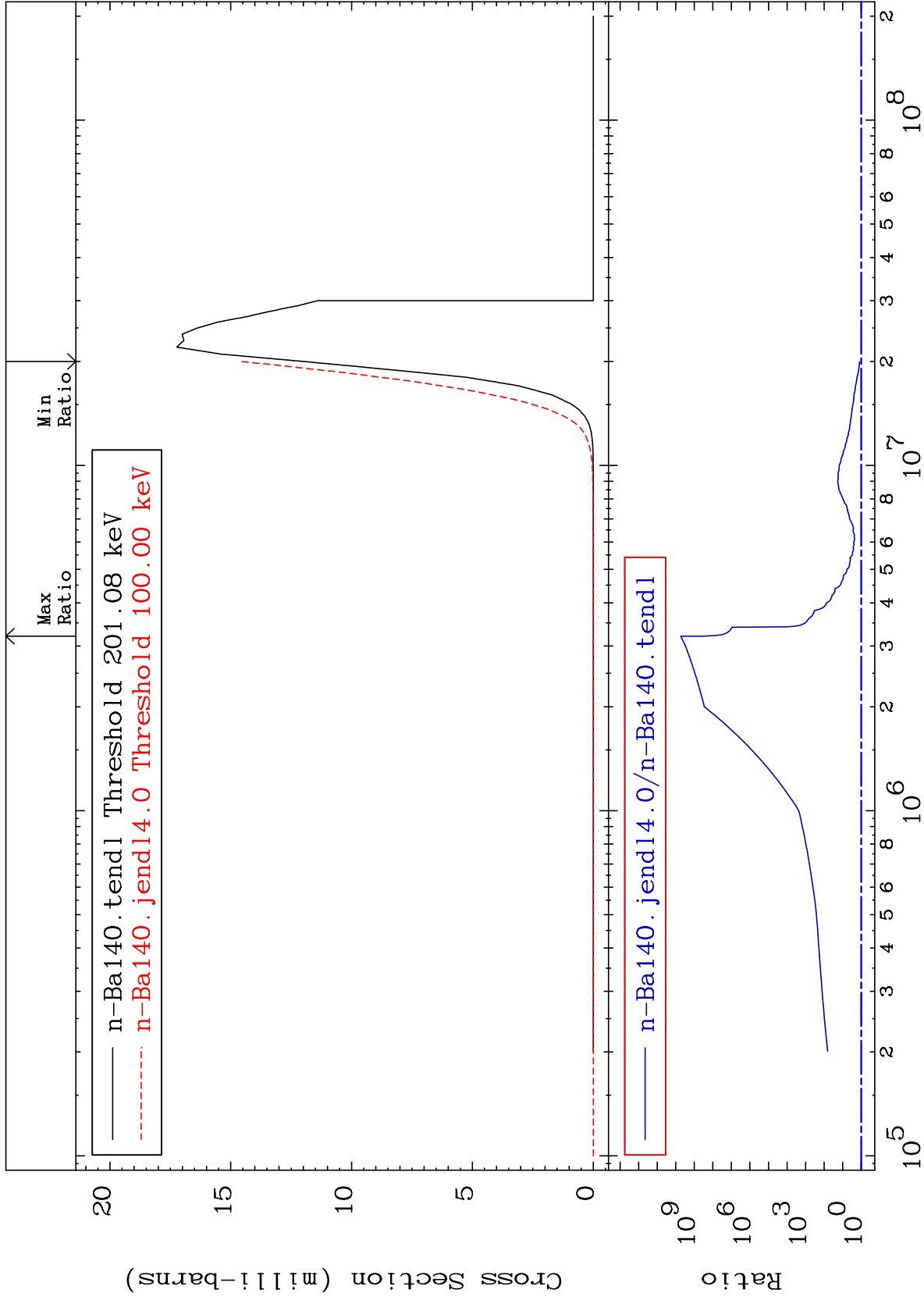
To 624.9 %



MAT 5655

(n, n') α
Cross Section

56-Ba-140
21.94 To 9999. %



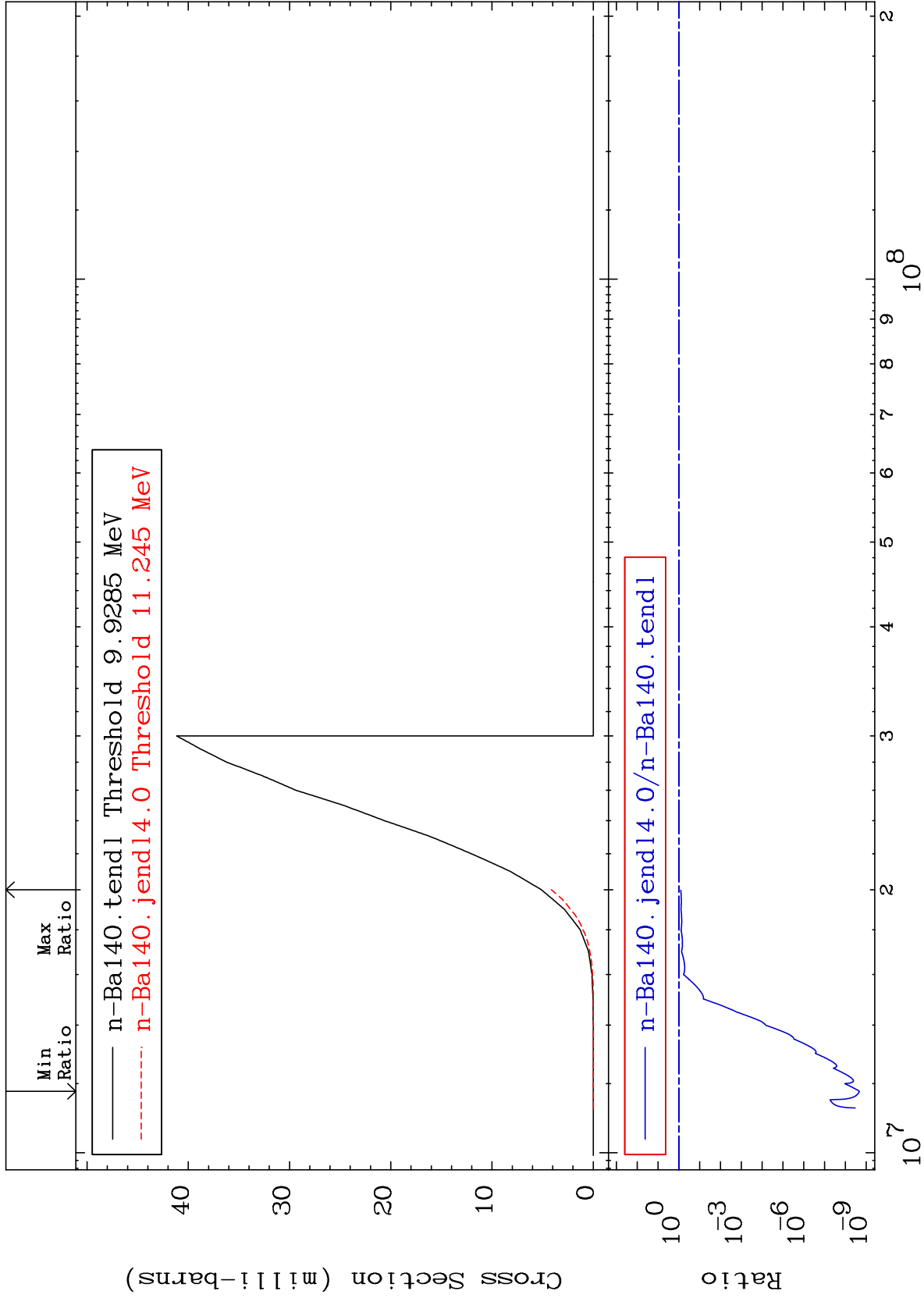
56-Ba-140

Incident Energy (eV)

MAT 5655

(n,n') p
Cross Section

56-Ba-140
-100.0 To -19.07%



56-Ba-140

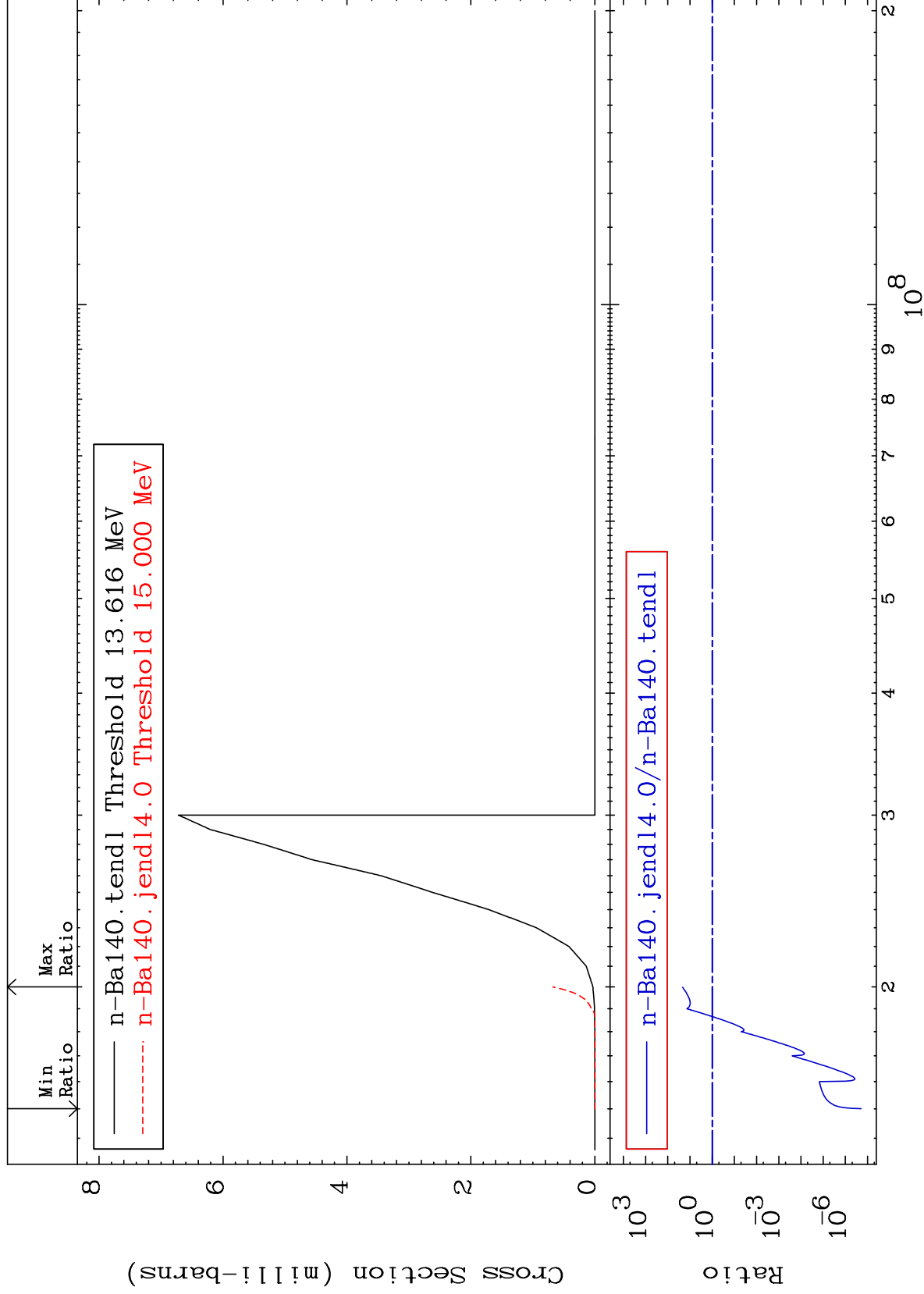
MAT 5655

(n,n') d

56-Ba-140

Cross Section

-100.0 To 2118. %



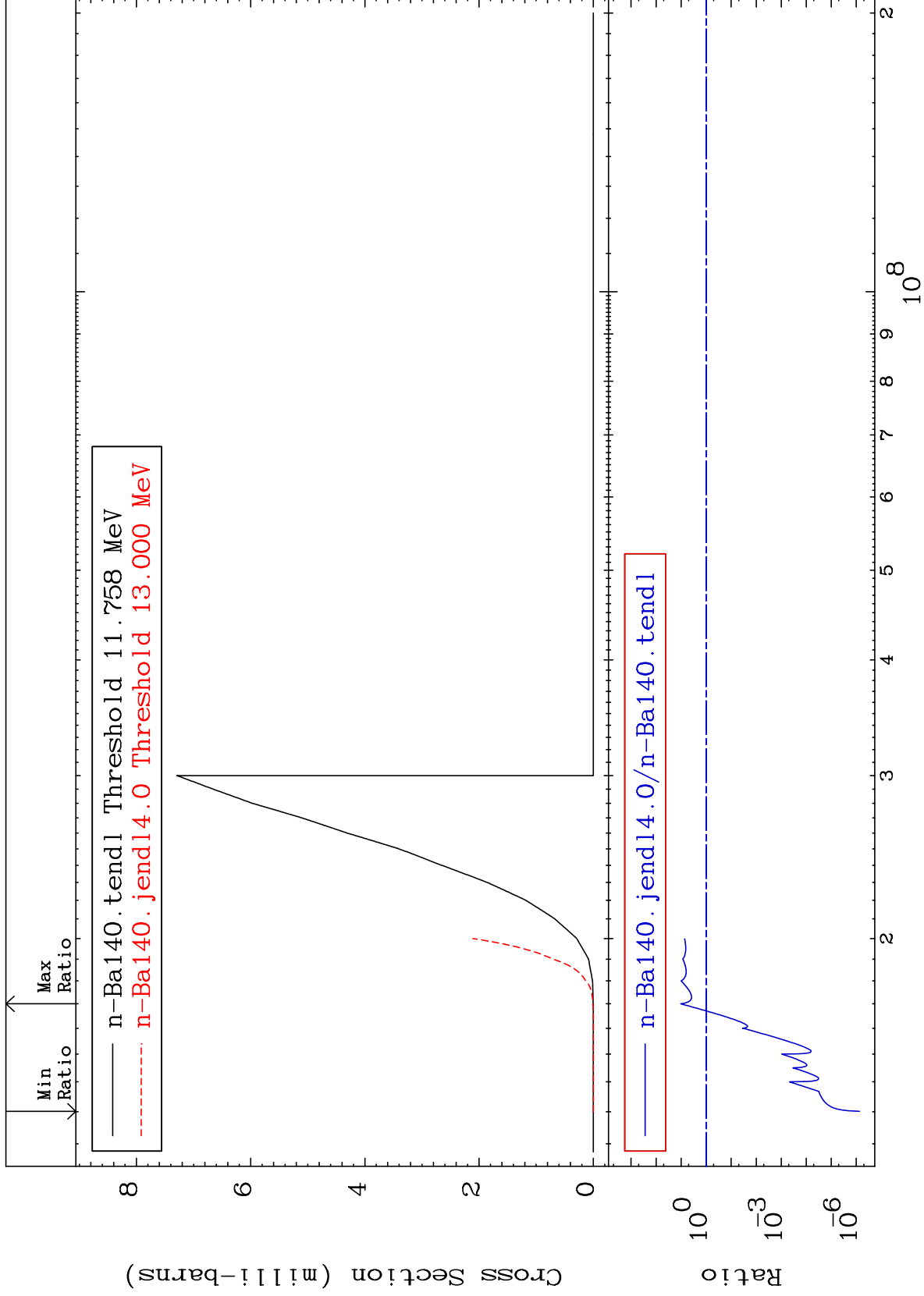
MAT 5655

(n, n') t

56-Ba-140

Cross Section

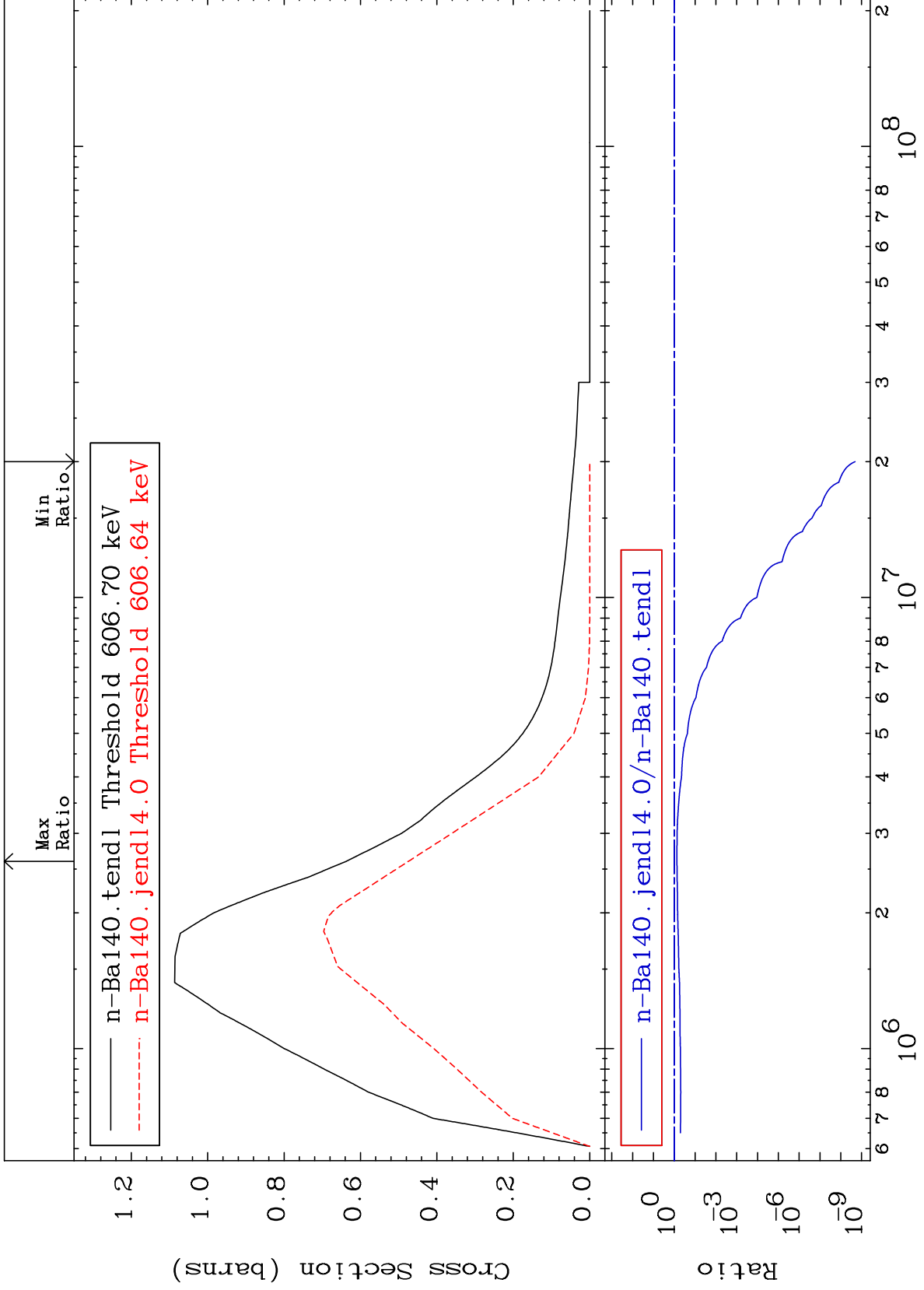
-100.0 To 932.6 %



MAT 5655

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

56-Ba-140
-100.0 To -25.53%



10

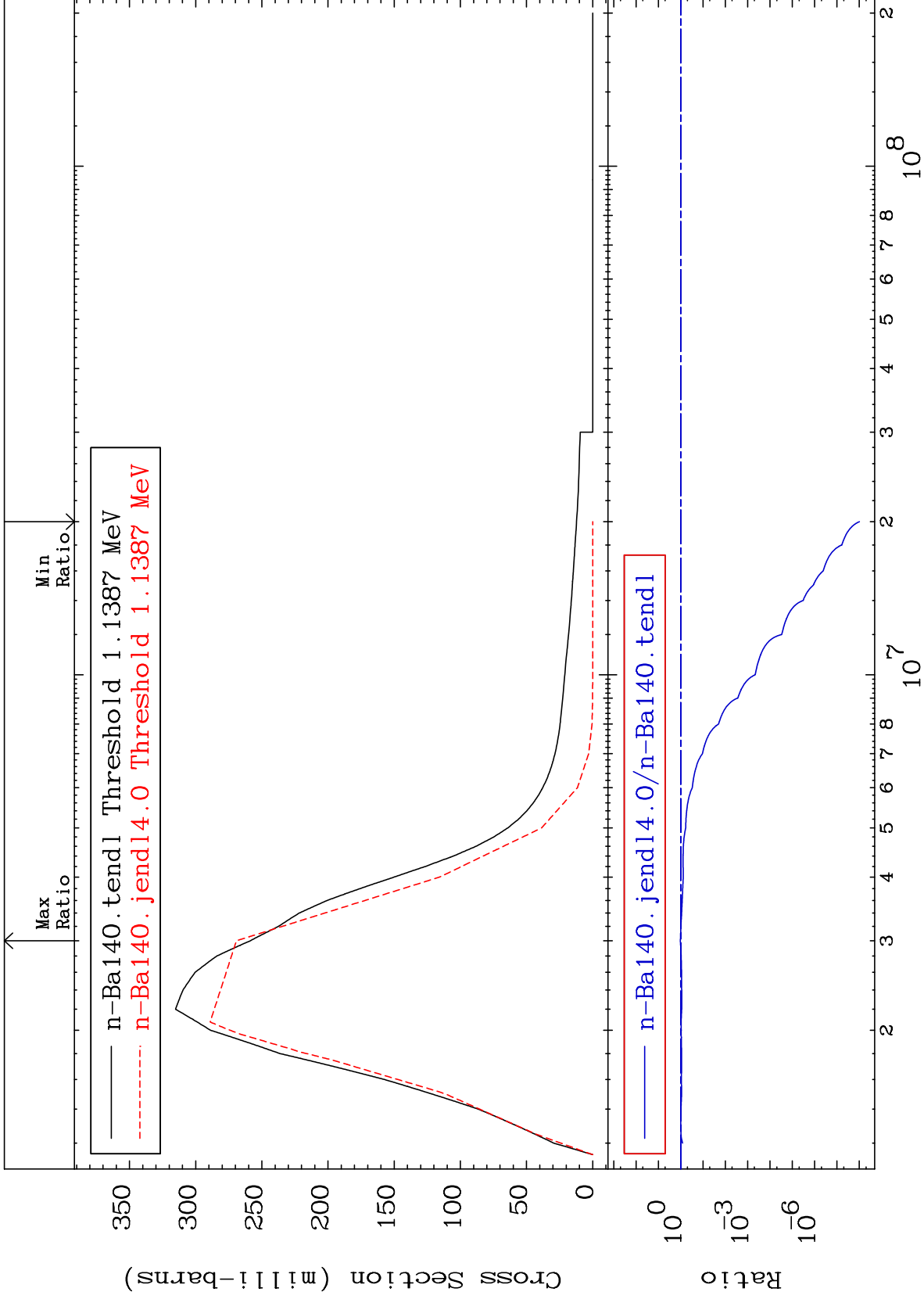
Incident Energy (eV)

56-Ba-140

MAT 5655

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

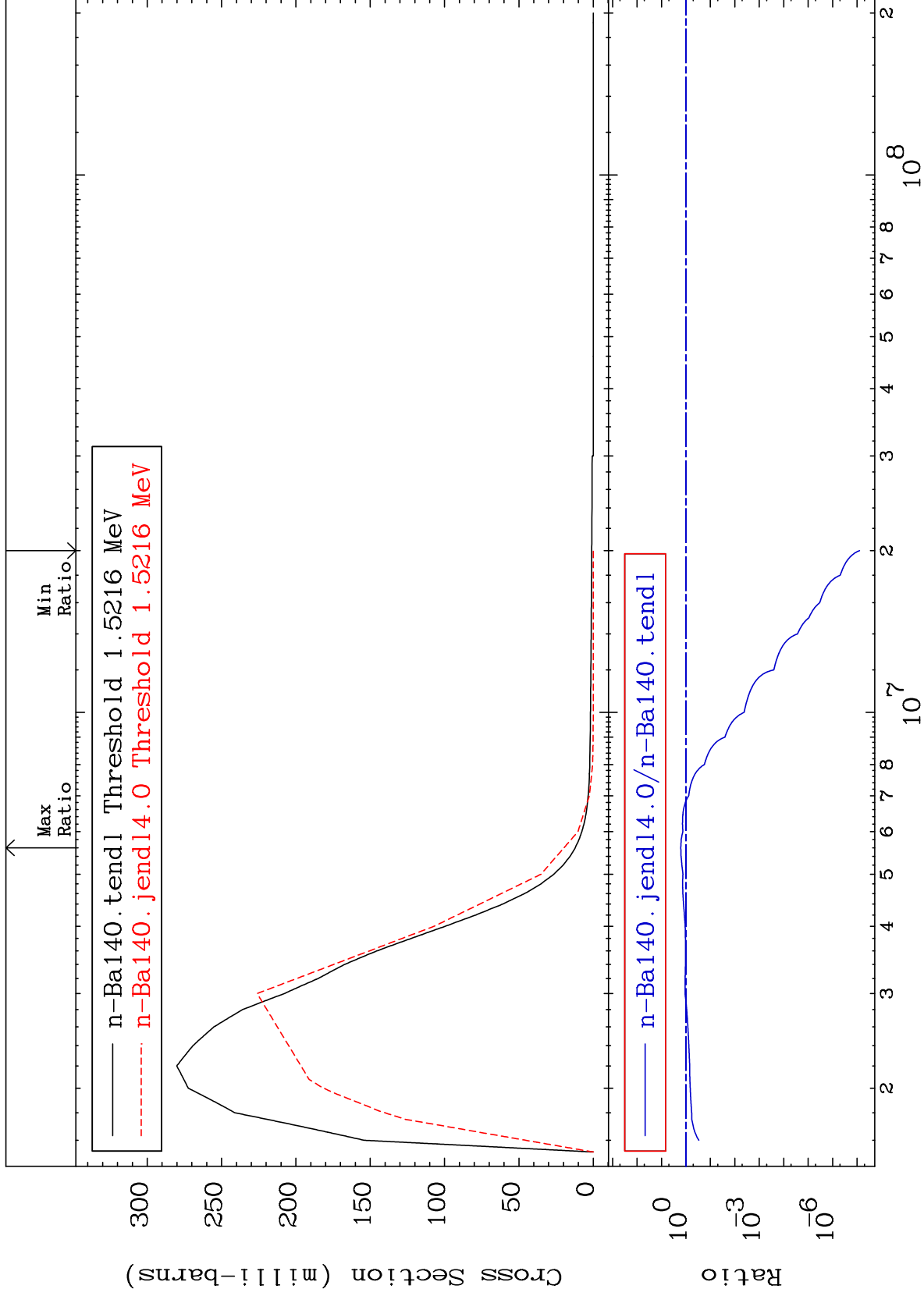
56-Ba-140
-100.0 To 4.045 %



MAT 5655

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

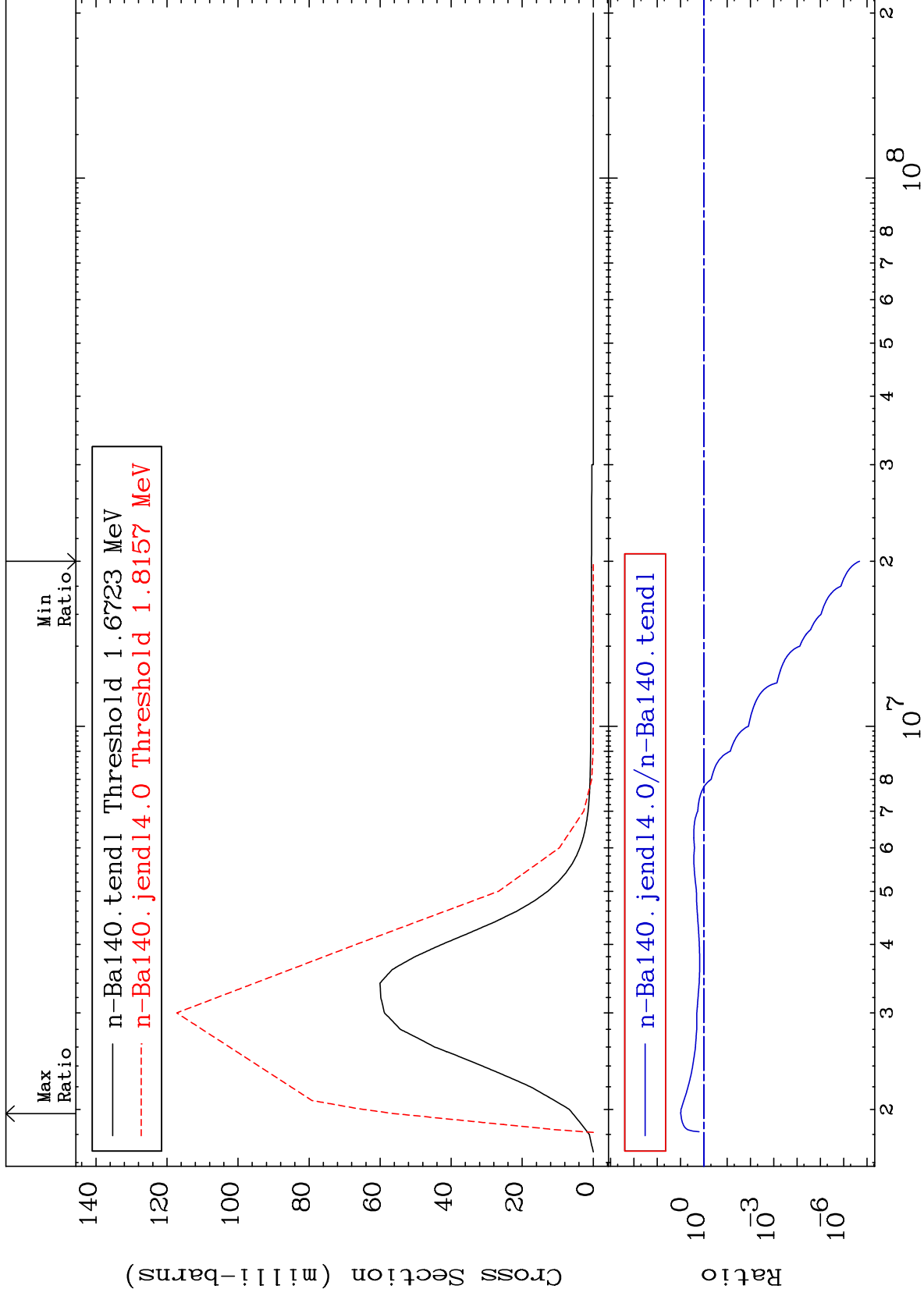
56-Ba-140
-100.0 To 62.51 %



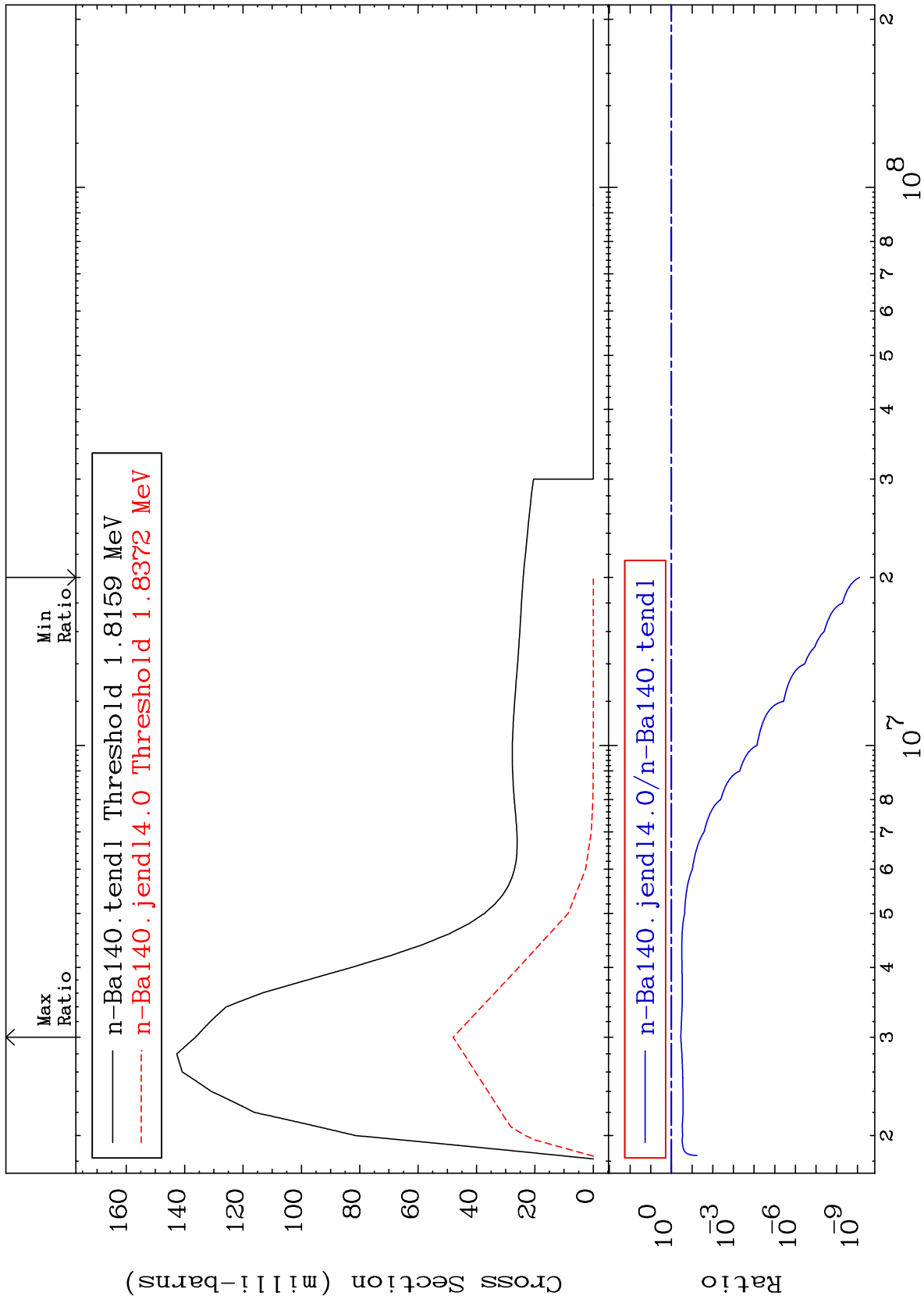
MAT 5655

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

56-Ba-140
-100.0 To 875.6 %



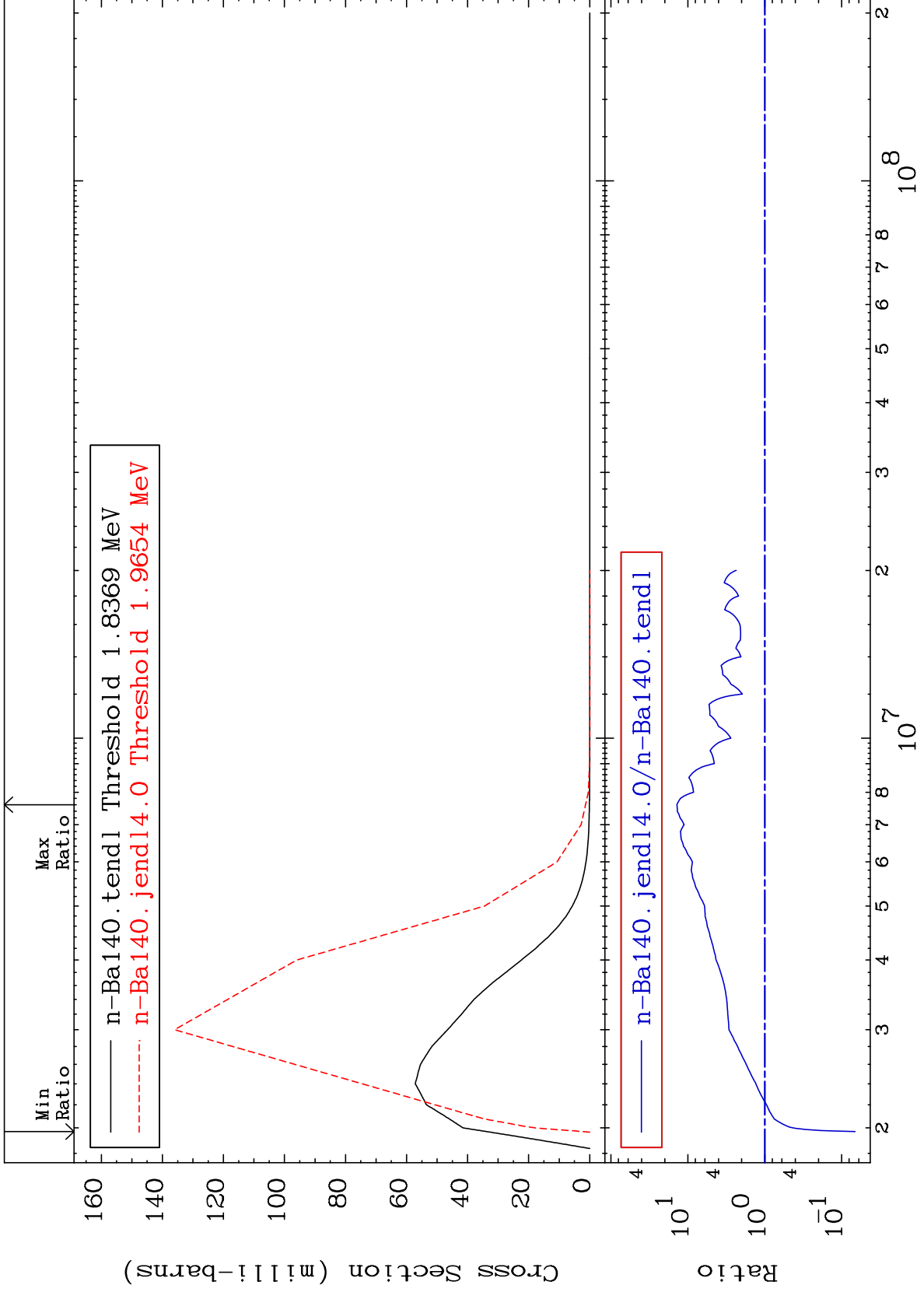
MAT 5655 MT= 55 (n,n') Level Cross Section 56-Ba-140 -100.0 To -64.78%



MAT 5655

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

56-Ba-140
-93.31 To 1289. %



15

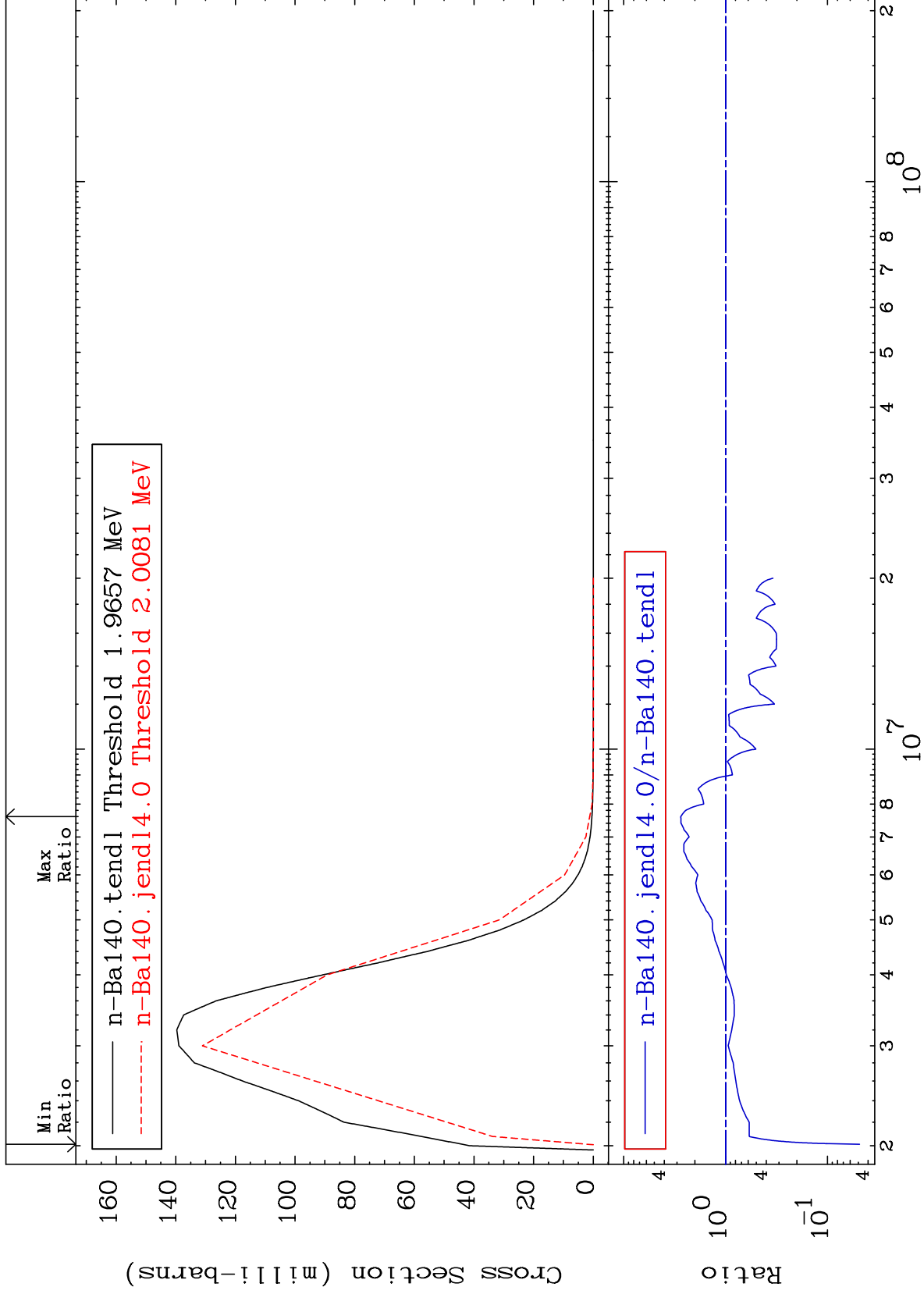
Incident Energy (eV)

56-Ba-140

MAT 5655

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

56-Ba-140
-95.15 To 175.5 %



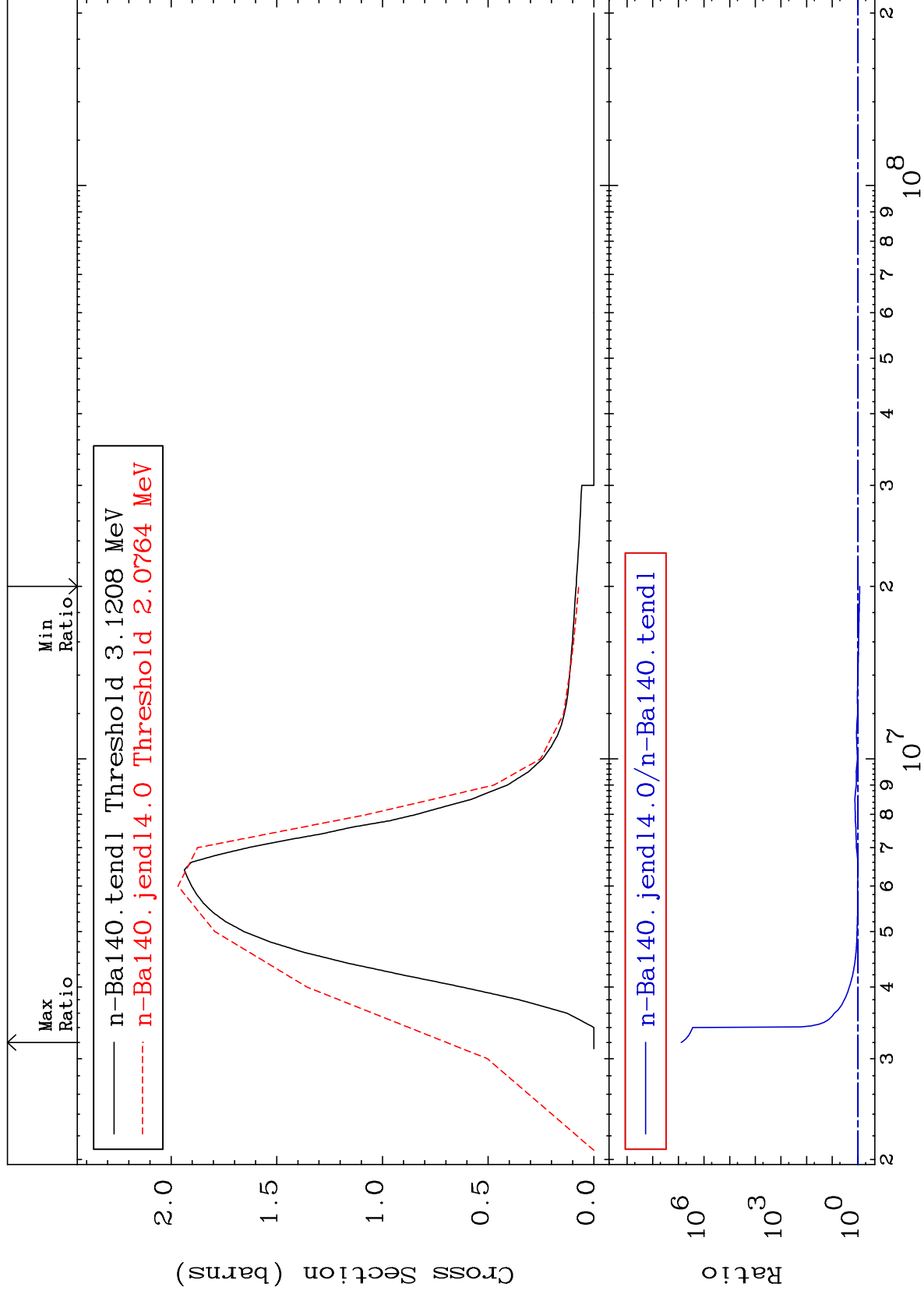
16

56-Ba-140

MAT 5655

(n, n') Continuum
Cross Section

56-Ba-140
-14.37 To 9999. %



17

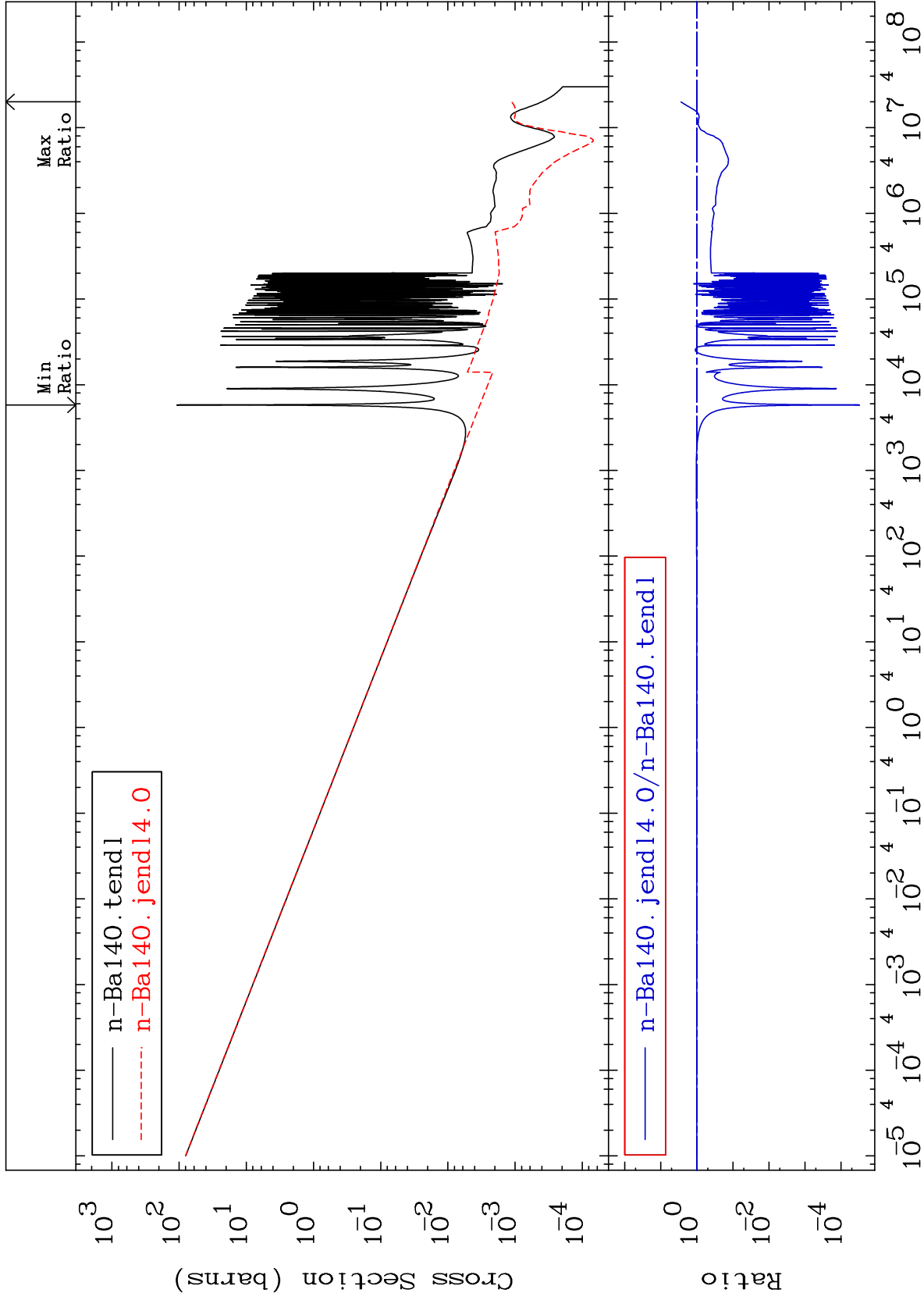
Incident Energy (eV)

56-Ba-140

MAT 5655

(n, γ)
Cross Section

56-Ba-140
-100.0 To 179.0 %



18

Incident Energy (eV)

56-Ba-140

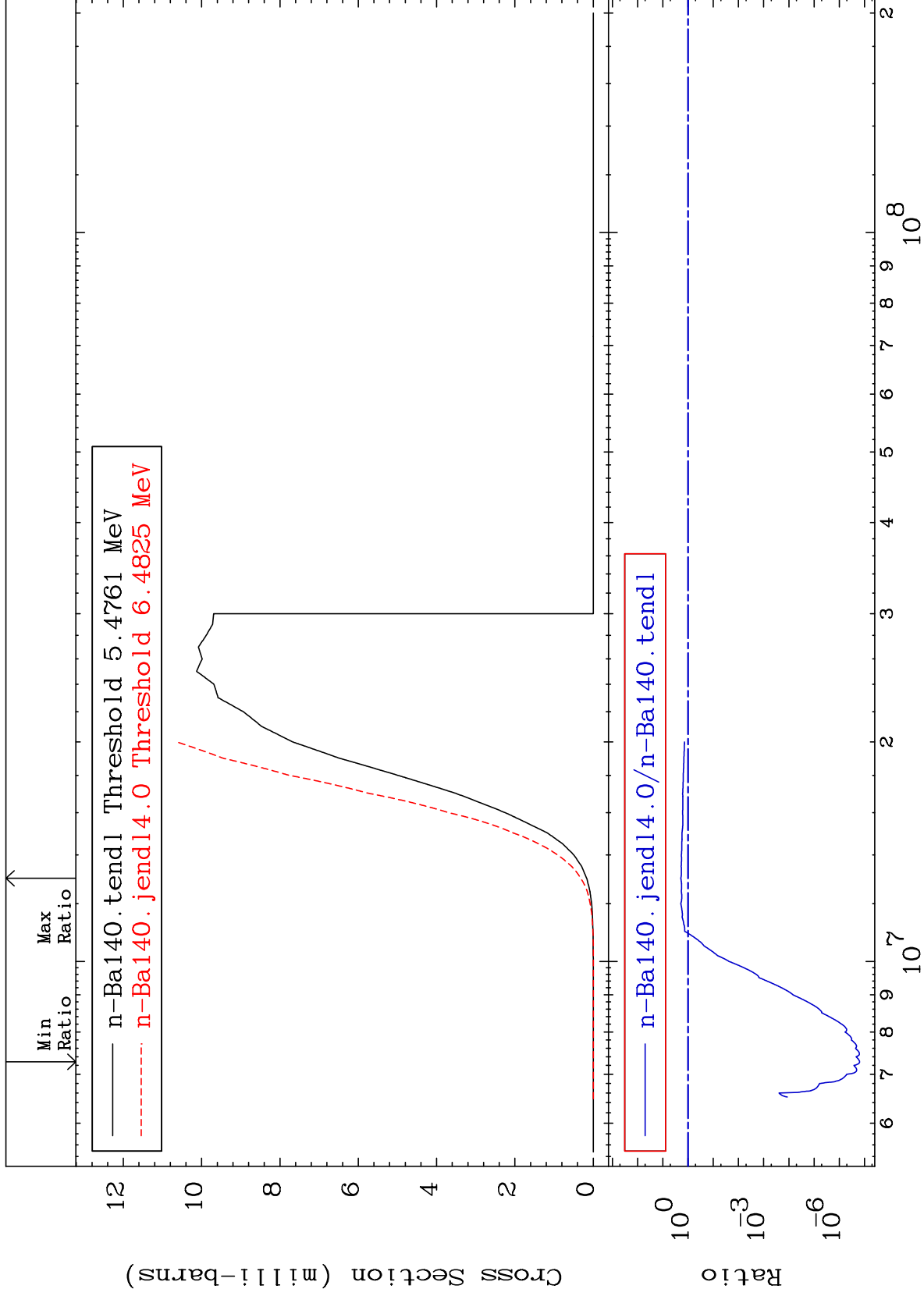
MAT 5655

(n,p)

56-Ba-140

Cross Section

-100.0 To 93.74 %



19

Incident Energy (eV)

56-Ba-140

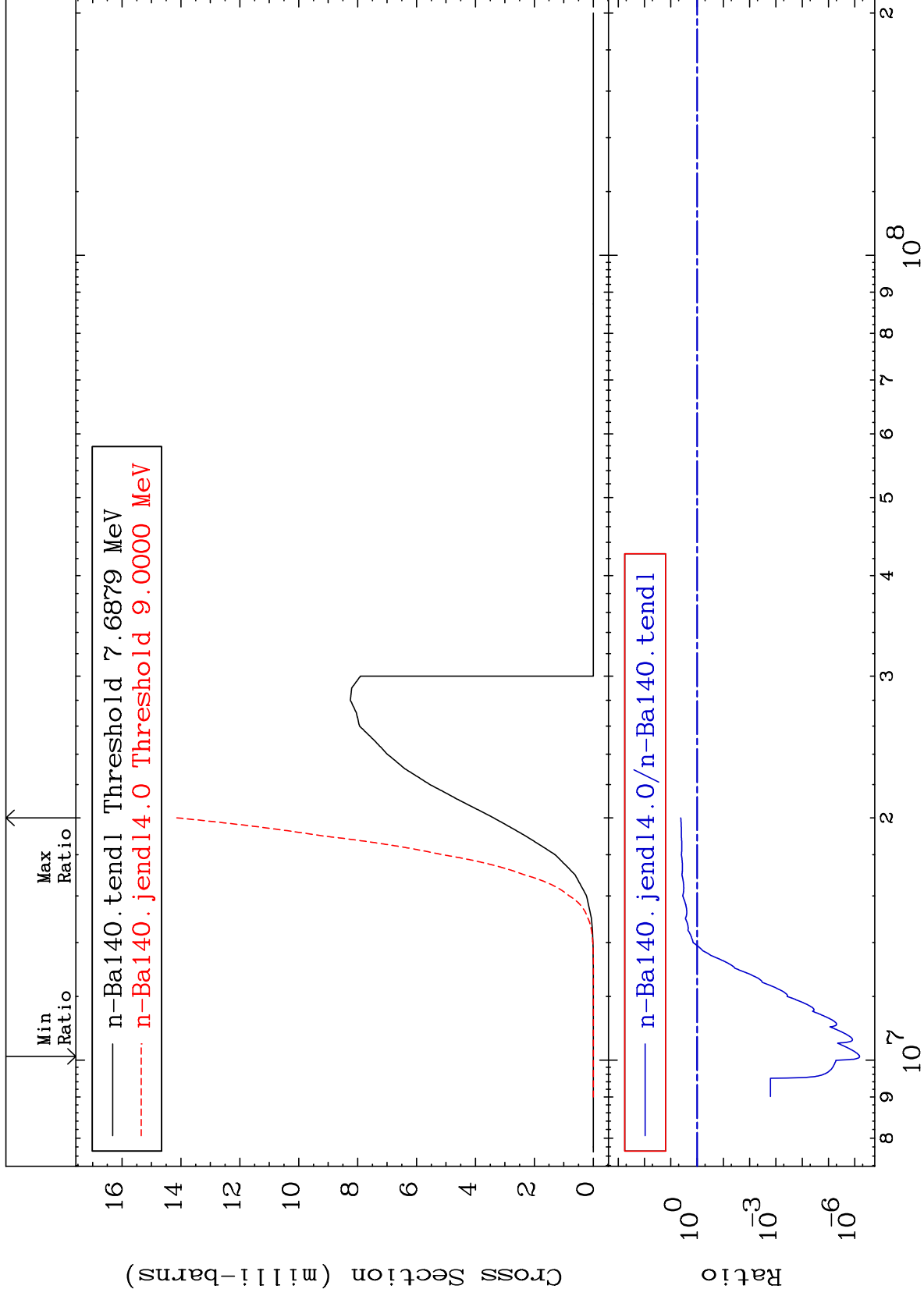
MAT 5655

(n, d)

56-Ba-140

Cross Section

-100.0 To 318.0 %



20

Incident Energy (eV)

56-Ba-140

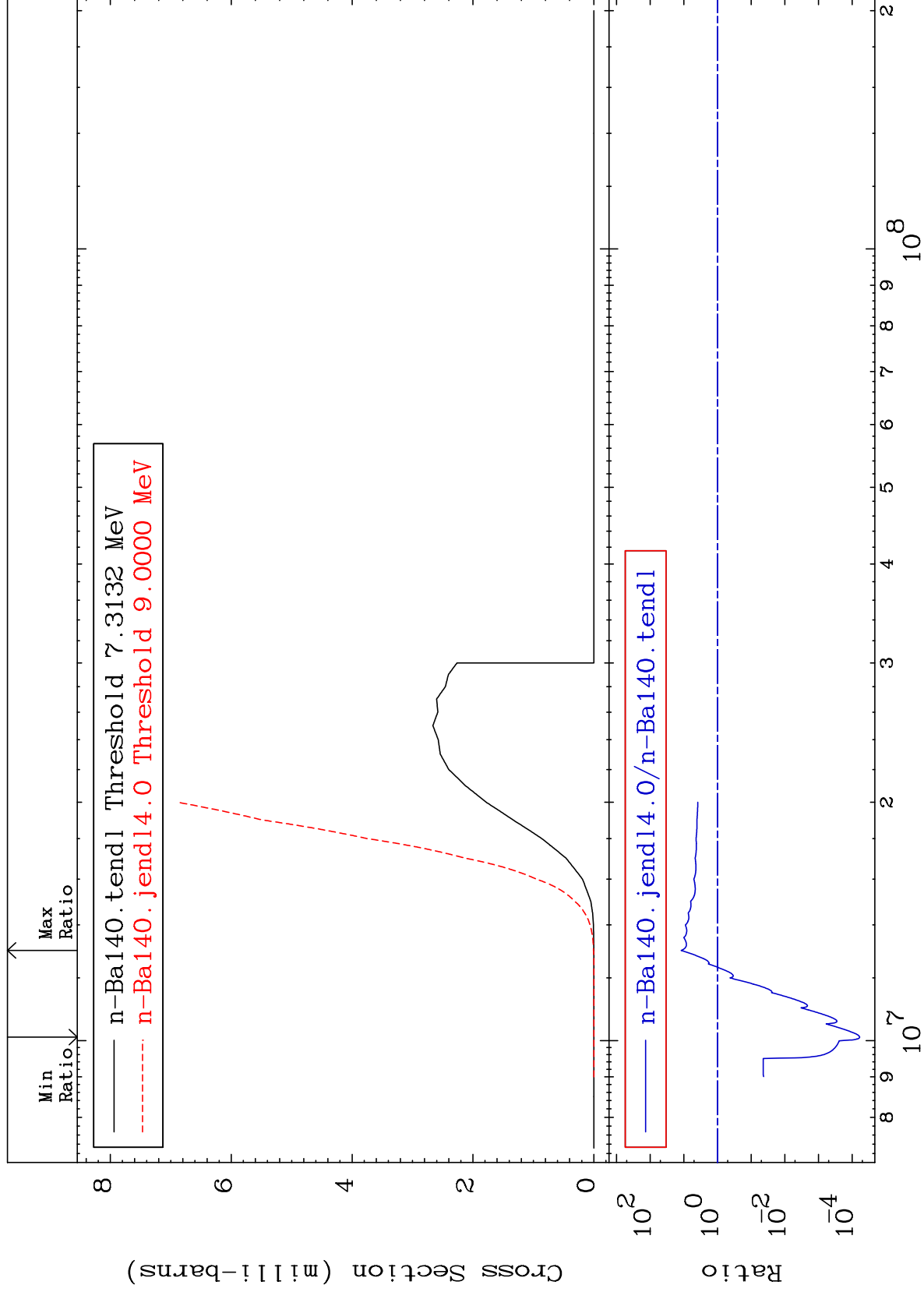
MAT 5655

(n, t)

56-Ba-140

Cross Section

-99.99 To 1105. %



21

56-Ba-140

56-Ba-140

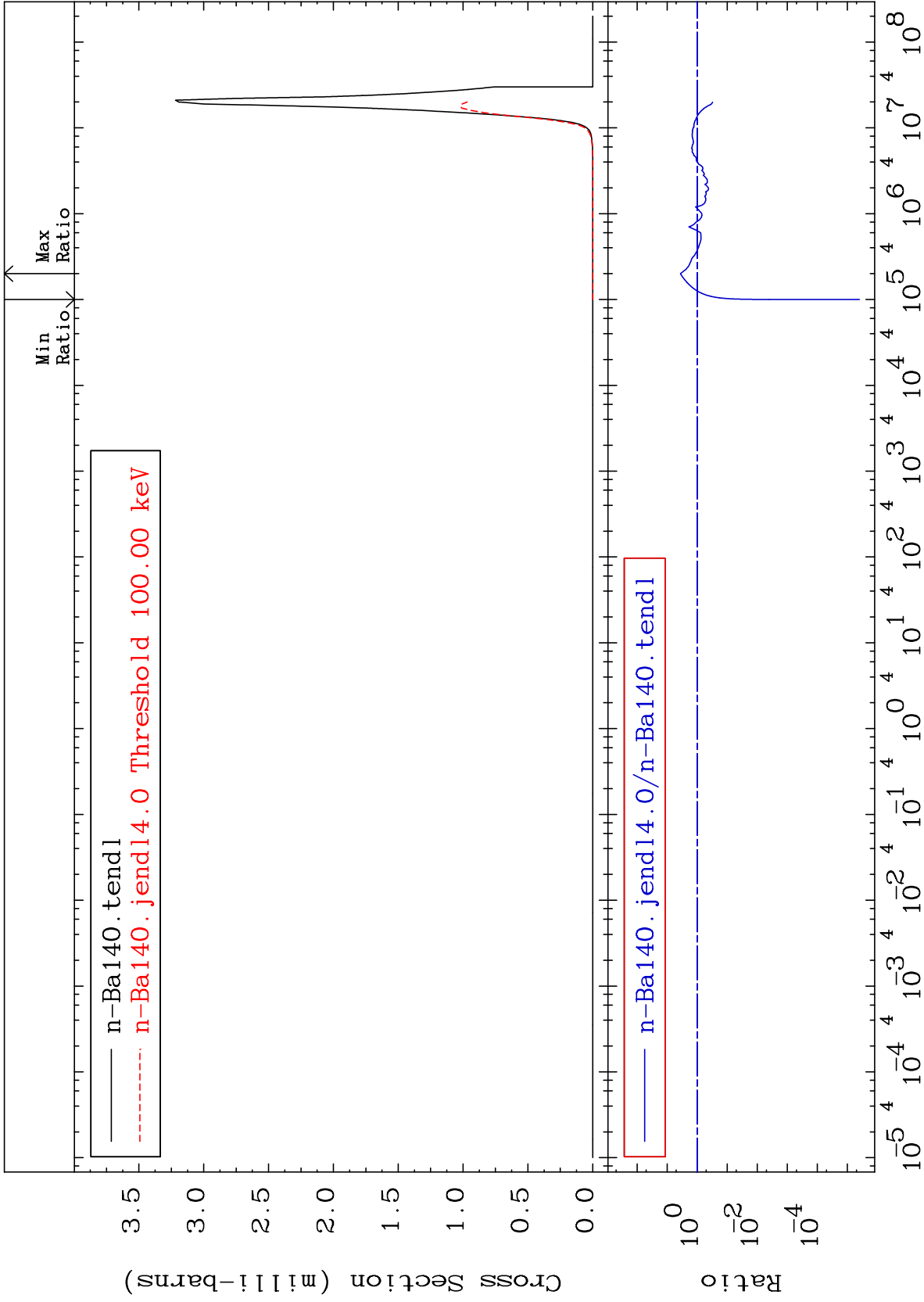
MAT 5655

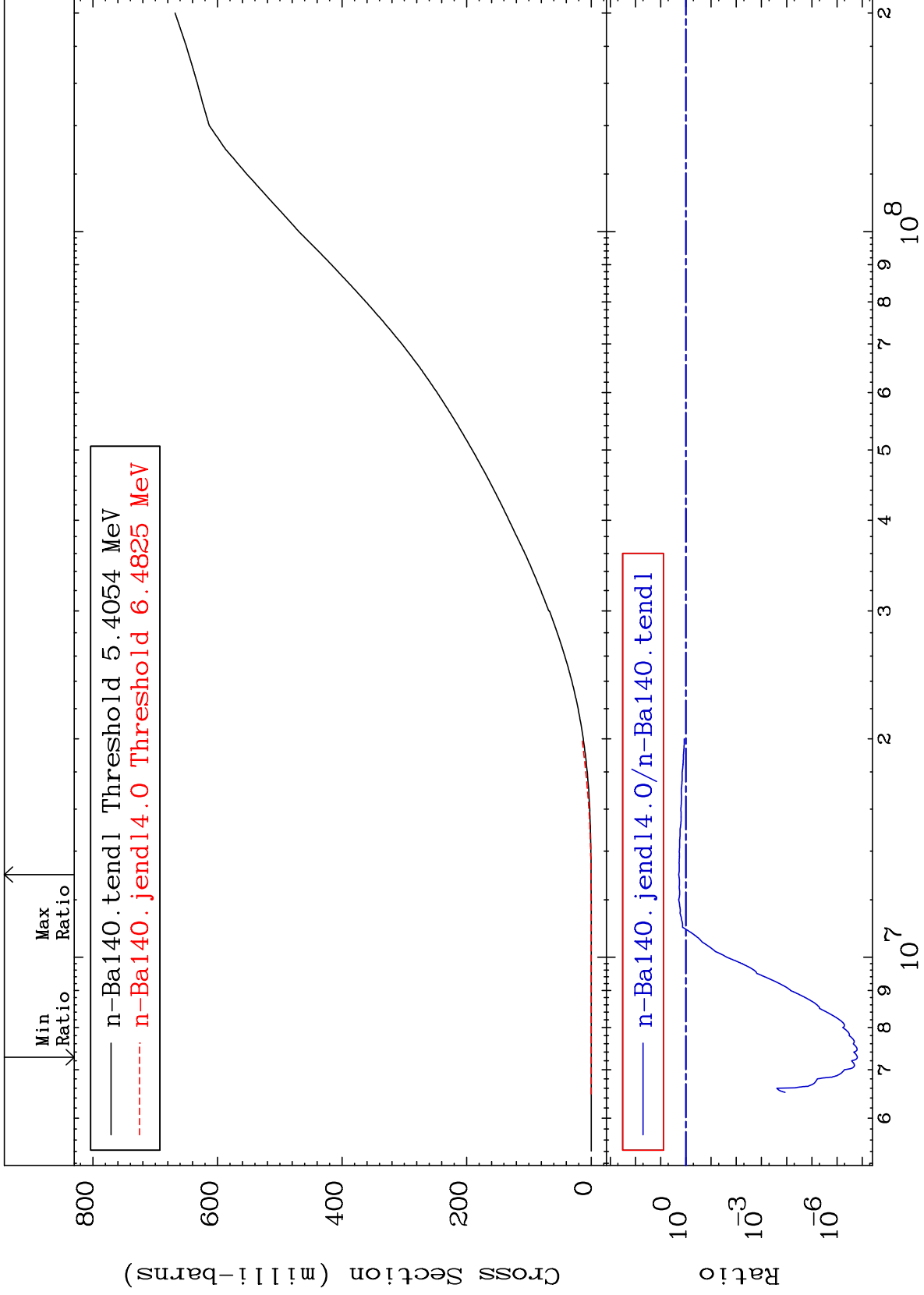
(n, α)

56-Ba-140

Cross Section

-100.0 To 263.5 %

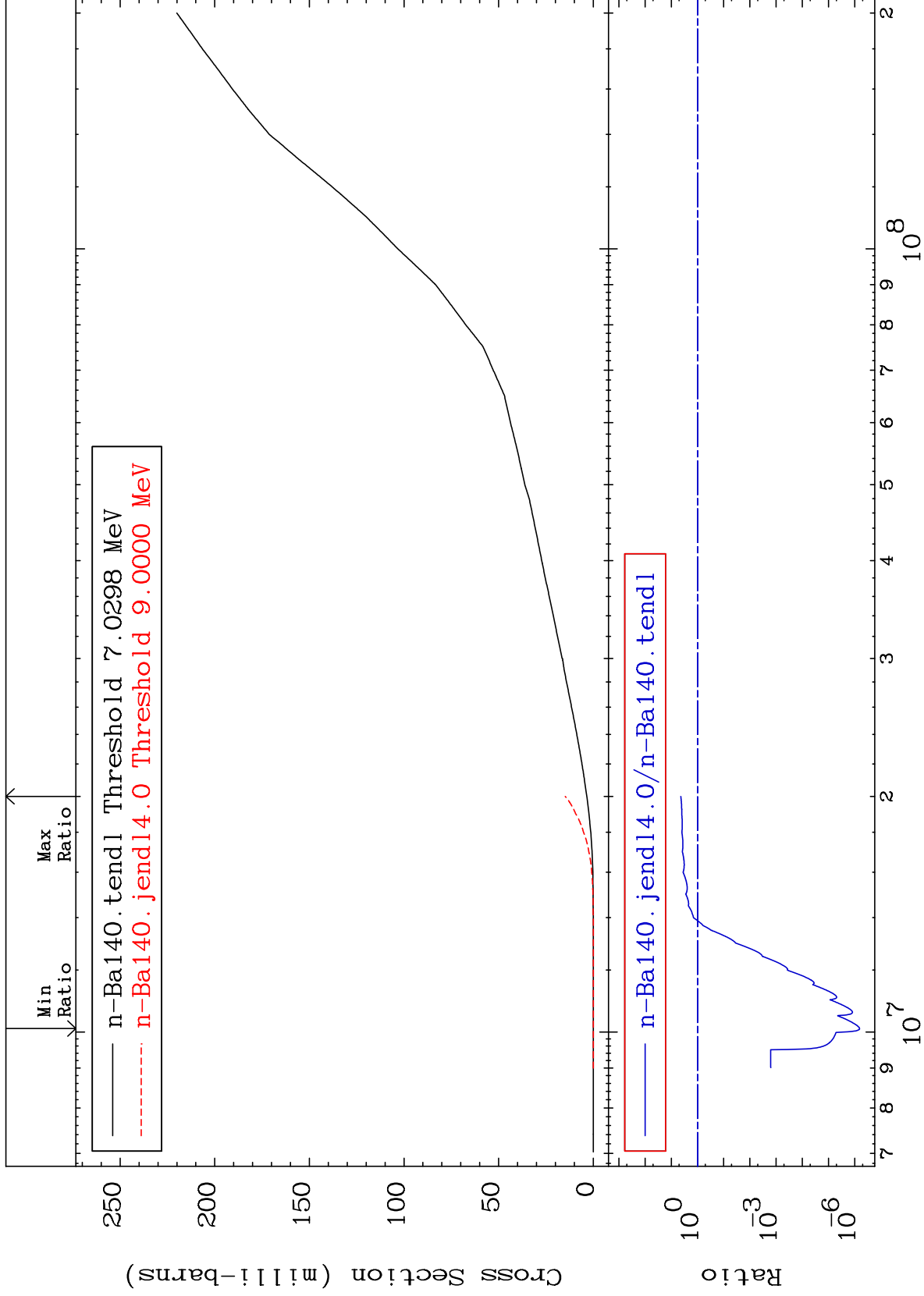




MAT 5655

Deuterium Production
Cross Section

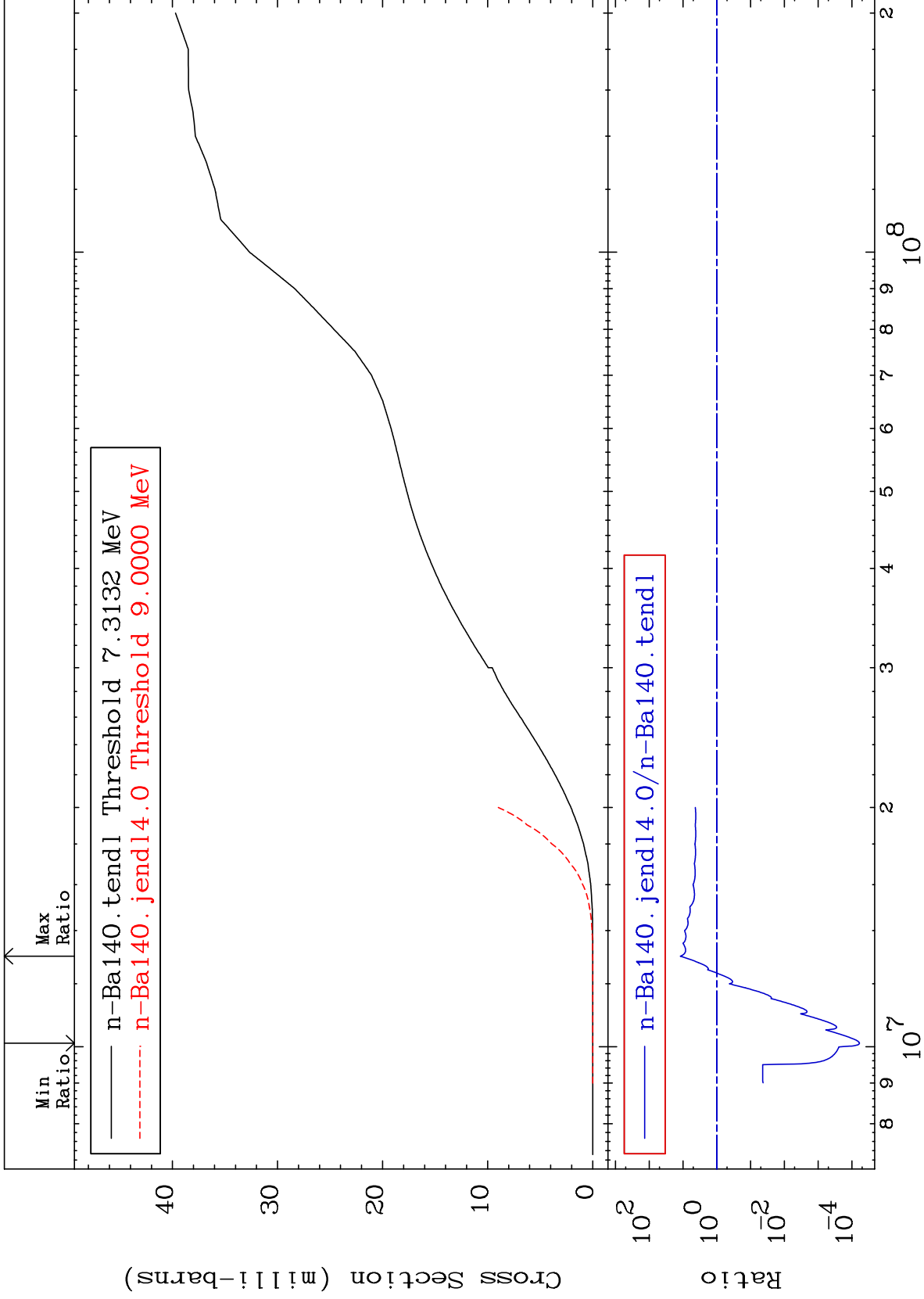
56-Ba-140
-100.0 To 334.1 %



MAT 5655

Tritium Production
Cross Section

56-Ba-140
-99.99 To 1105. %



25

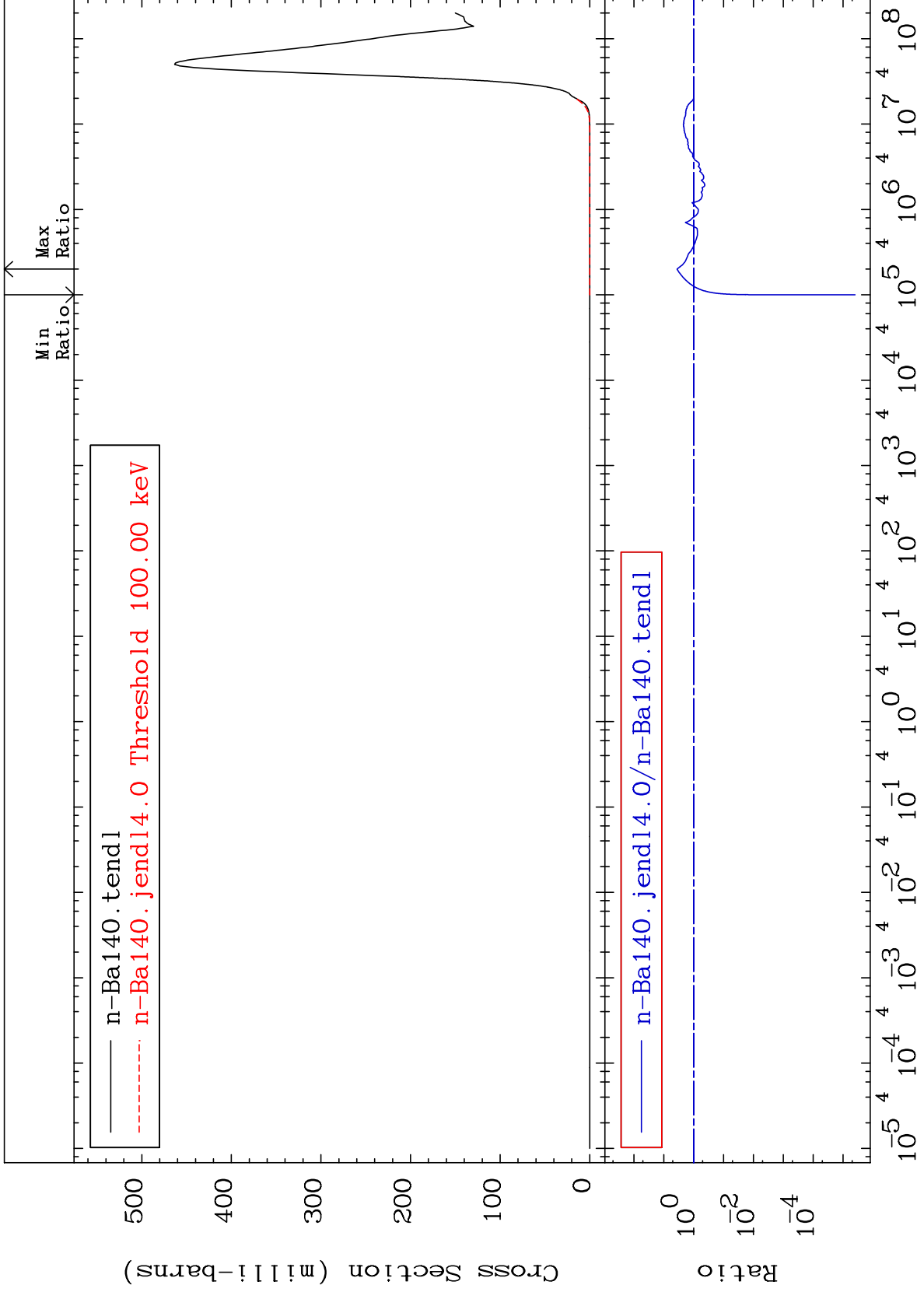
Incident Energy (eV)

56-Ba-140

MAT 5655

He-4 Production
Cross Section

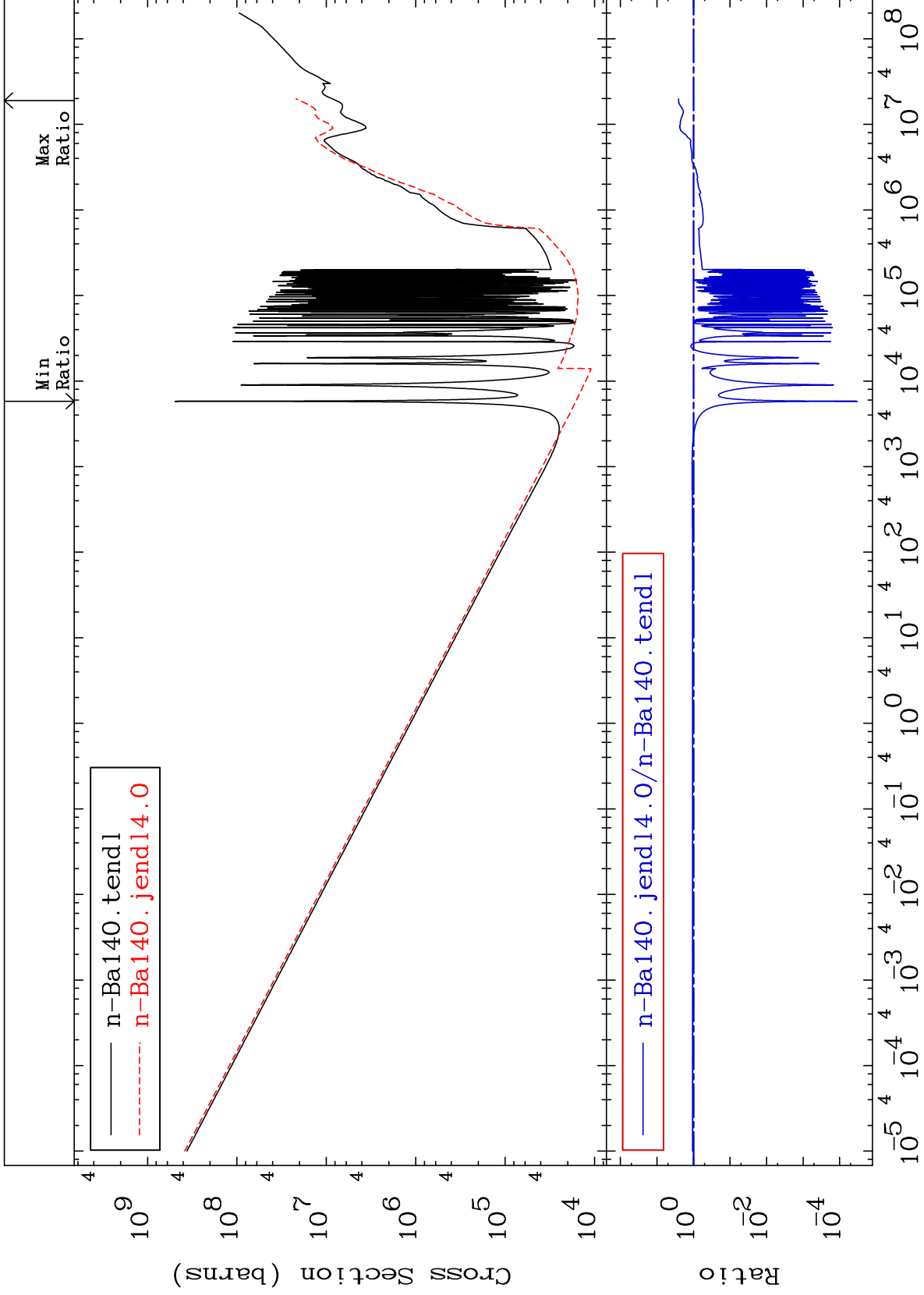
56-Ba-140
-100.0 To 263.5 %



26

Incident Energy (eV)

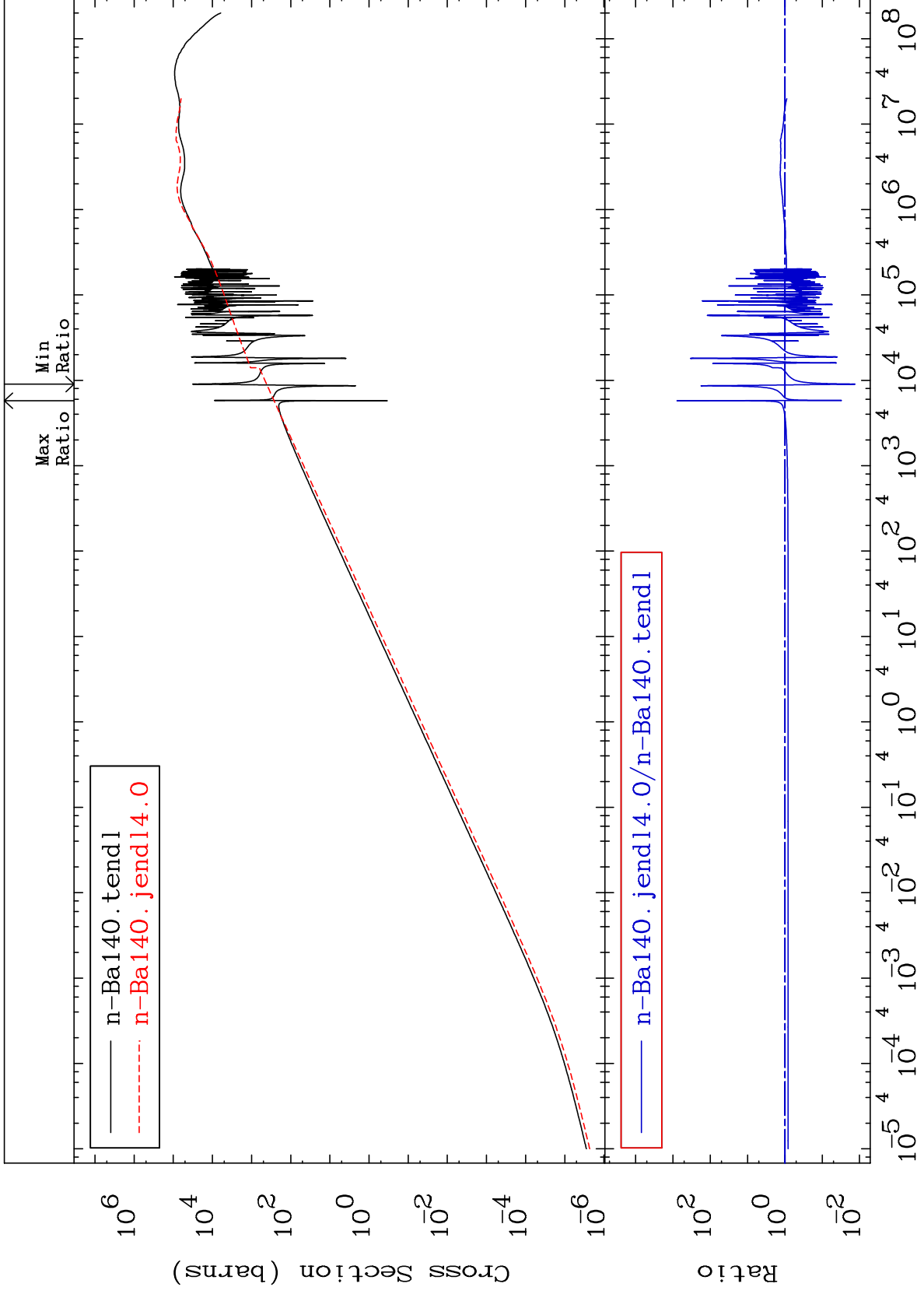
56-Ba-140



MAT 5655

Kerma elastic
Cross Section

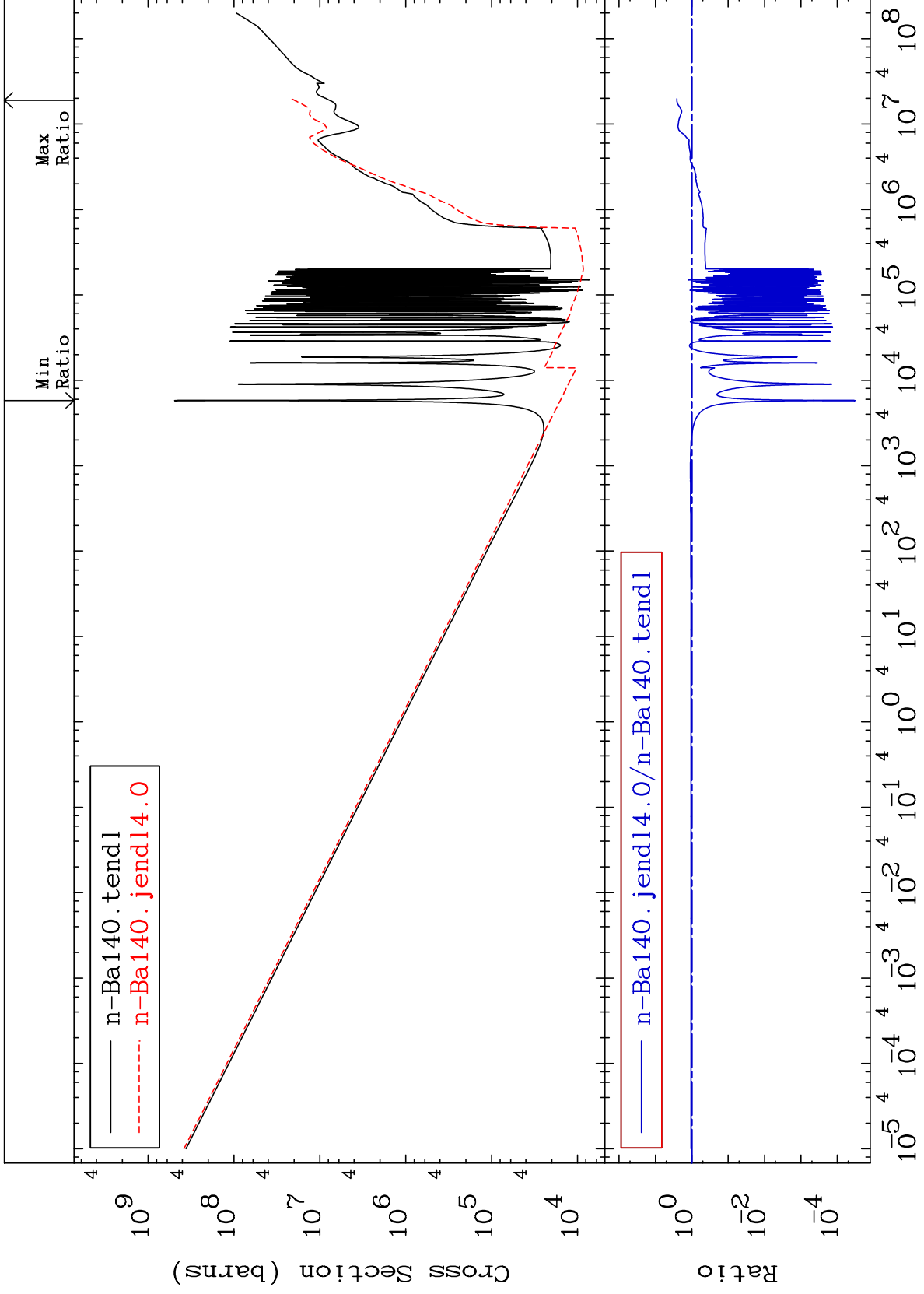
56-Ba-140
-98.69 To 9999. %



28

Incident Energy (eV)

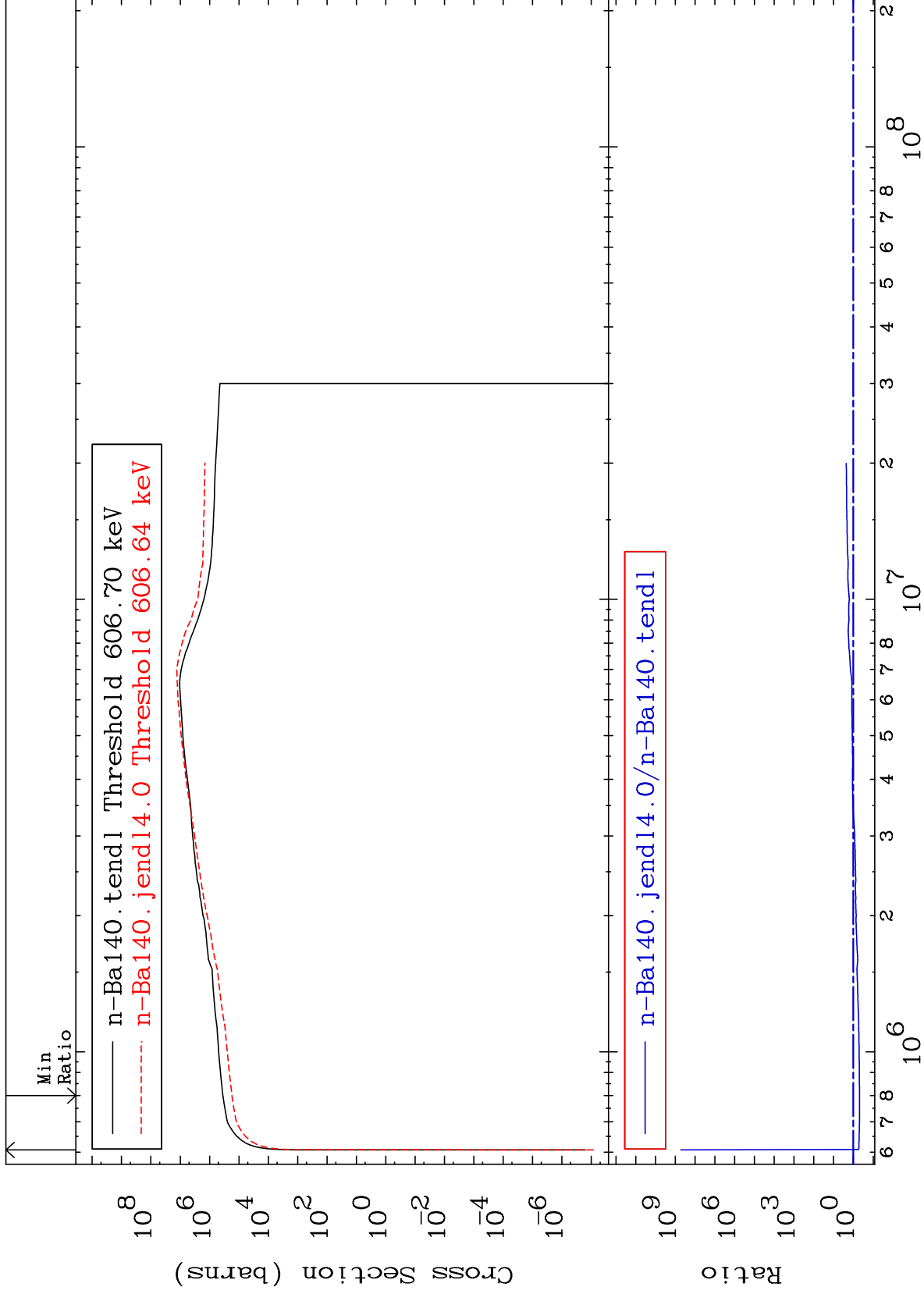
56-Ba-140



MAT 5655

Kerma inelastic (mt51-91)
Cross Section

56-Ba-140
-51.12 To 9999. %



30

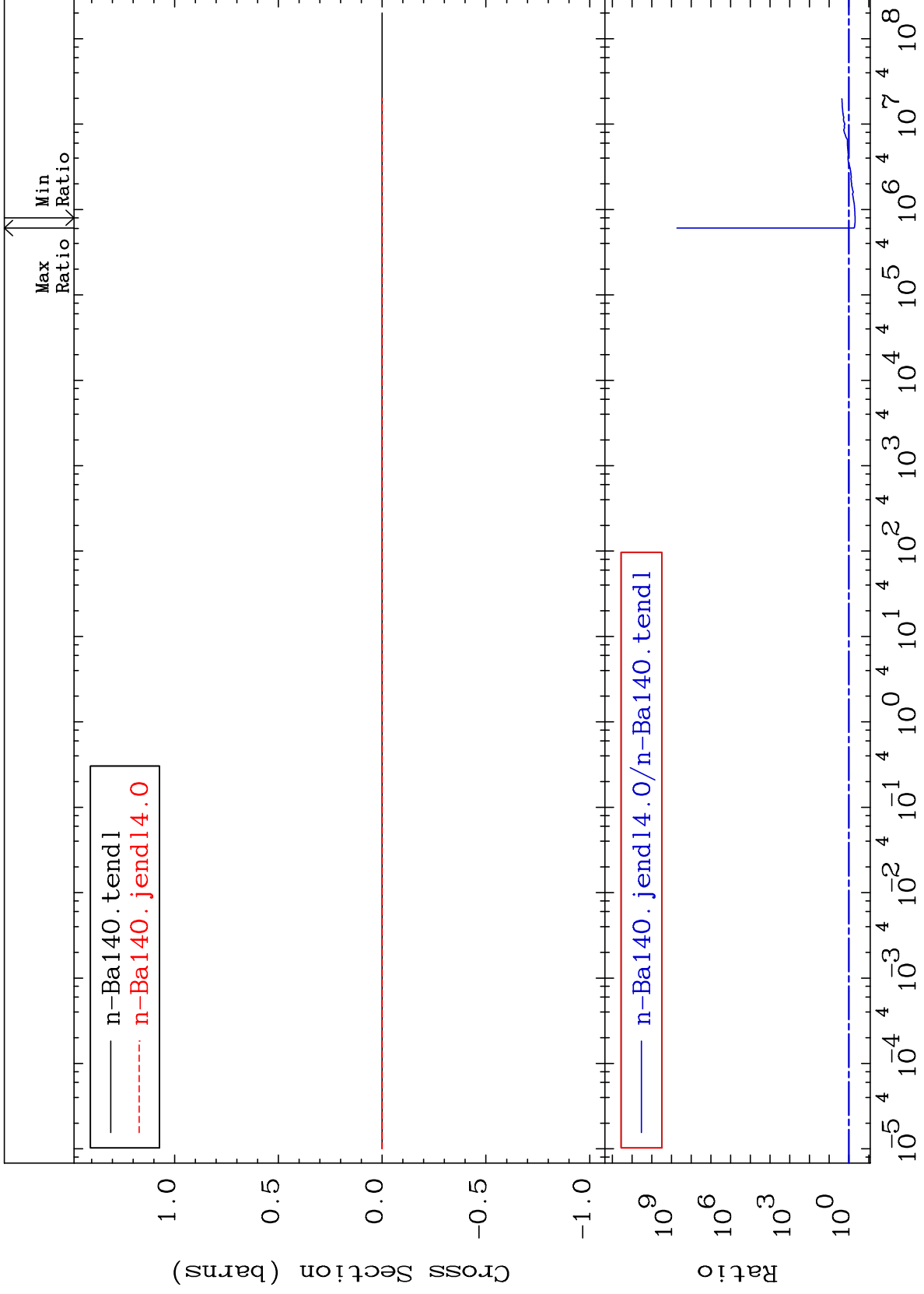
Incident Energy (eV)

56-Ba-140

MAT 5655

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

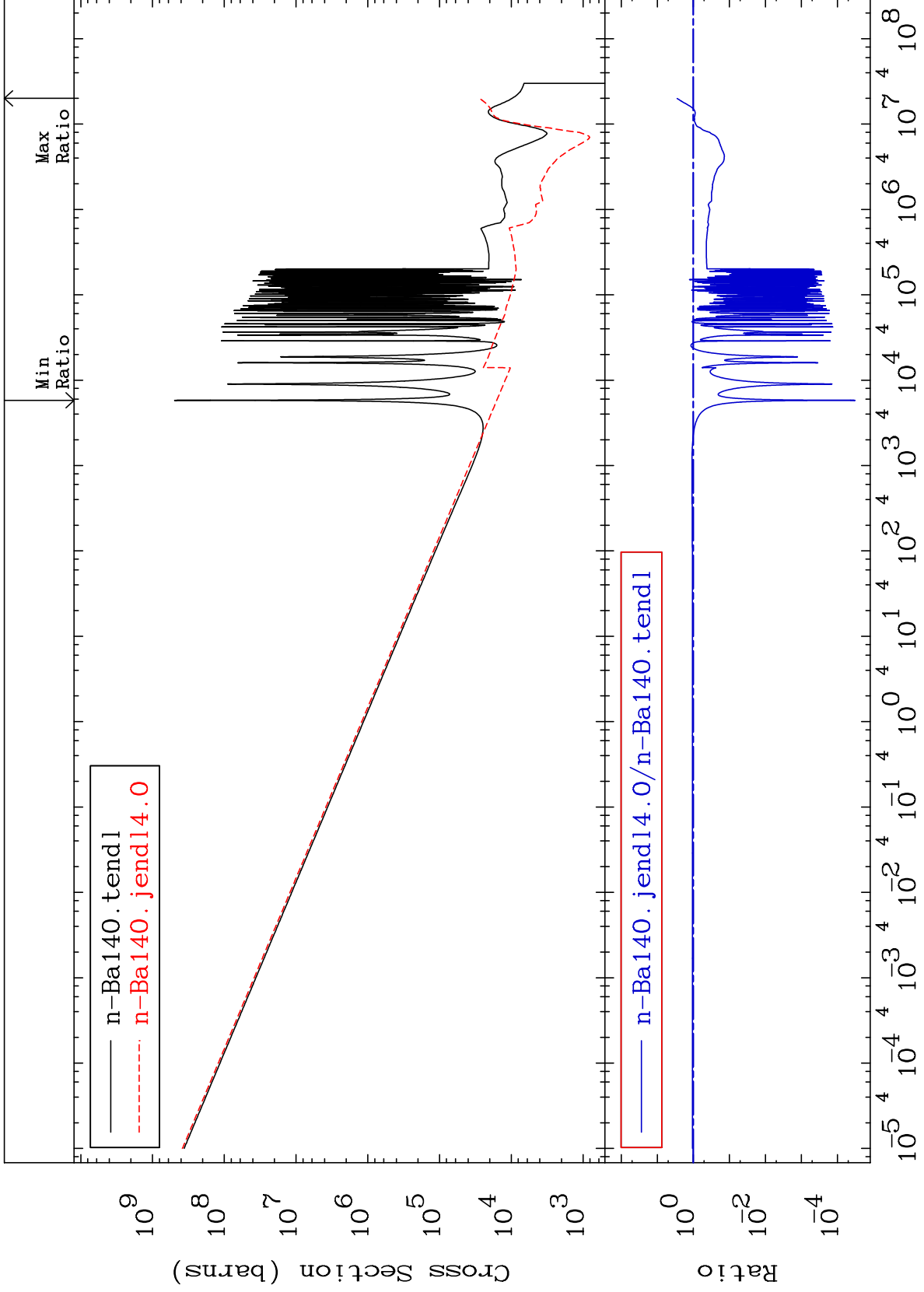
56-Ba-140
-51.12 To 9999. %



MAT 5655

Kerma capture (mt102)
Cross Section

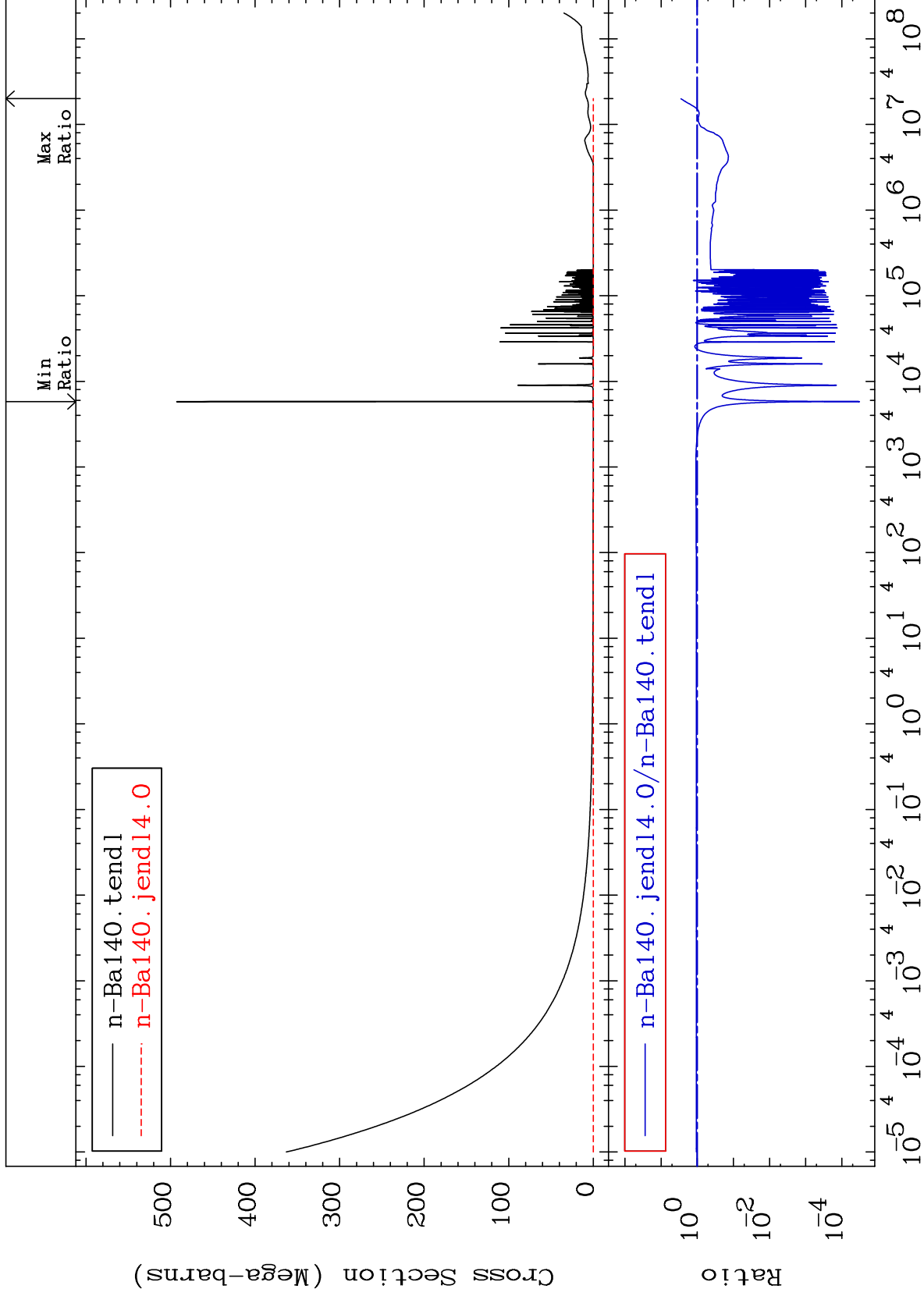
56-Ba-140
-100.0 To 184.9 %

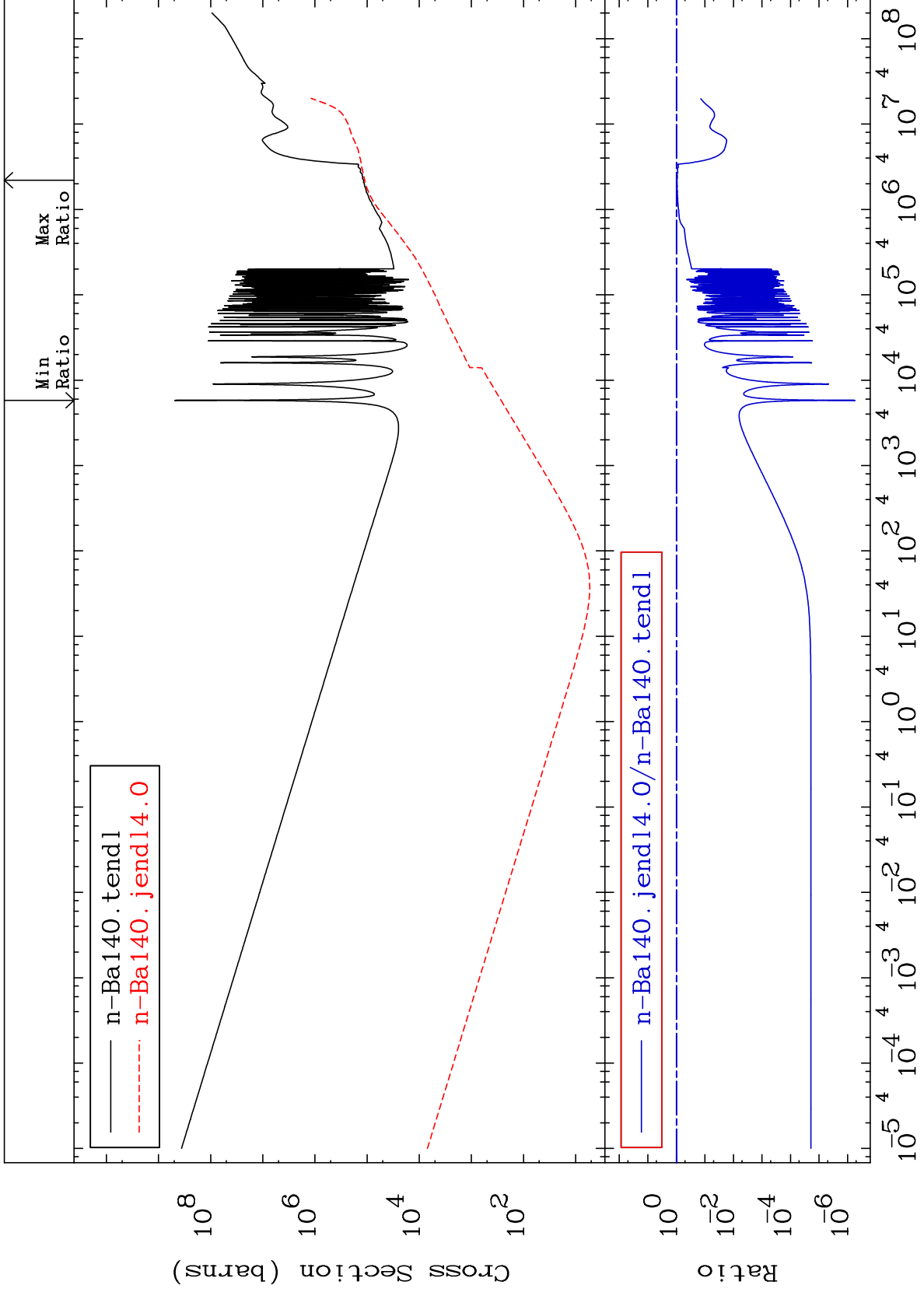


MAT 5655

Total photon (eV-barns)
Cross Section

56-Ba-140
-100.0 To 184.9 %

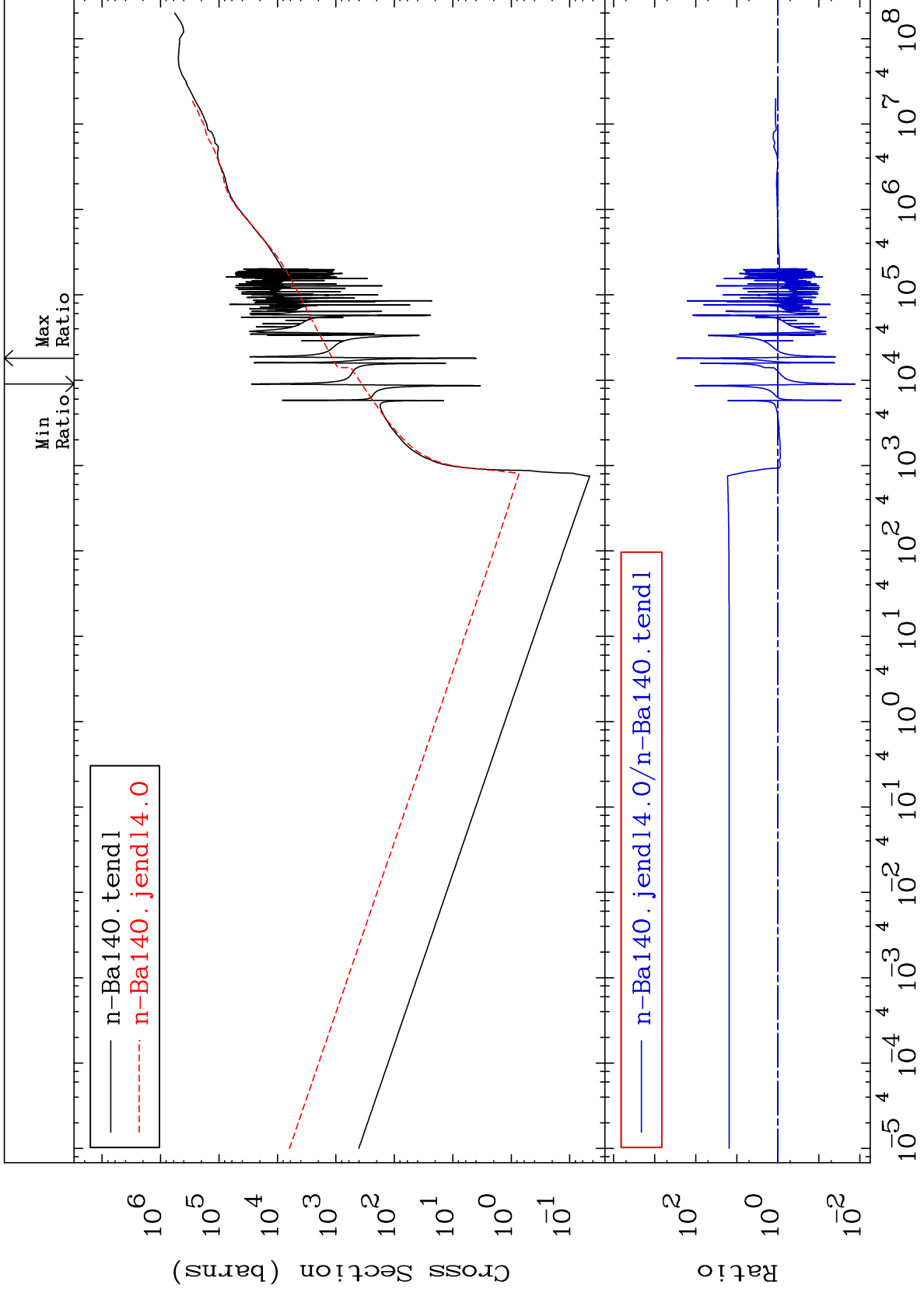




MAT 5655

Dpa total (eV-barns)
Cross Section

56-Ba-140
-98.69 To 9999. %



35

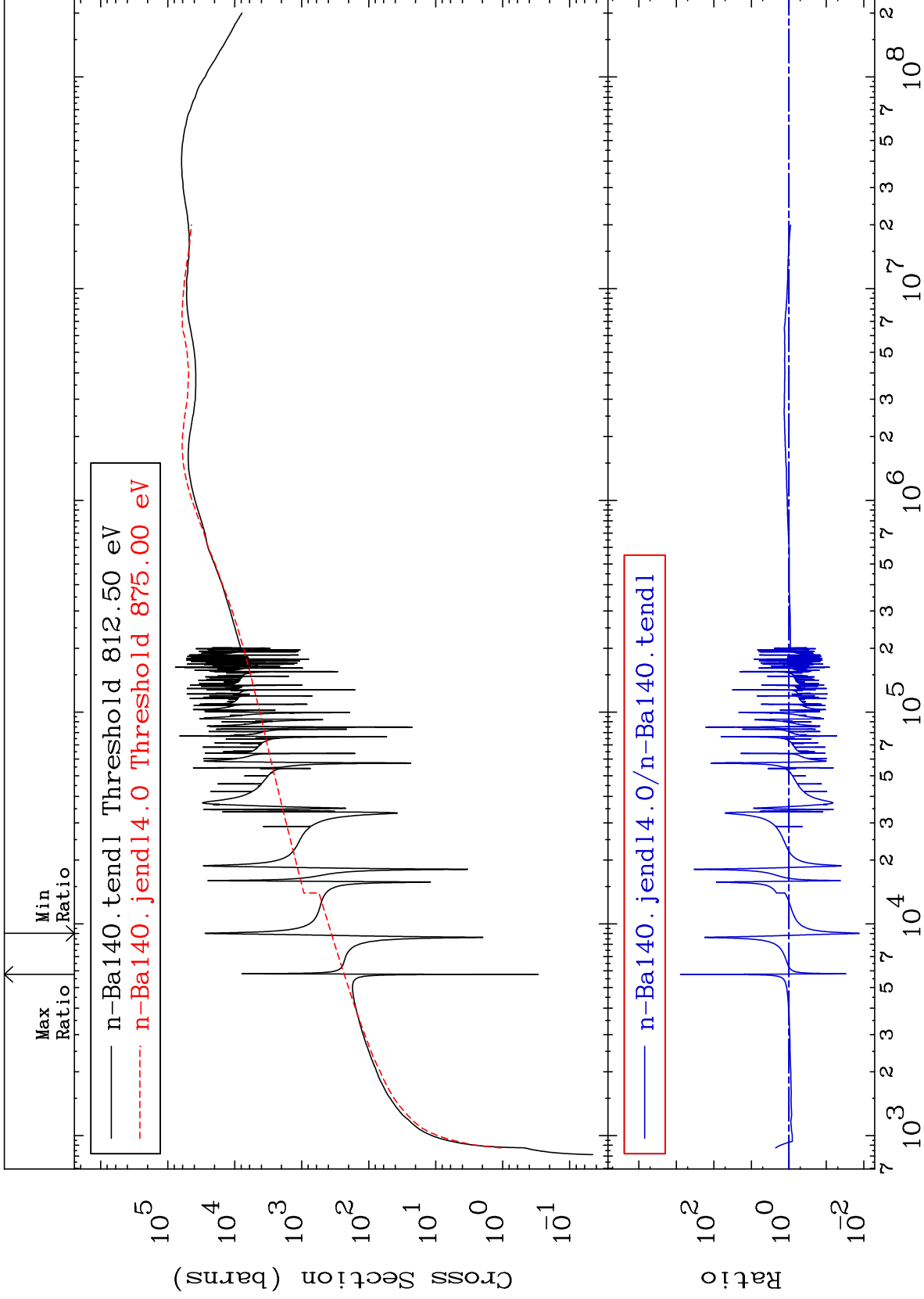
Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa elastic (mt2)
Cross Section

56-Ba-140
-98.69 To 9999. %



36

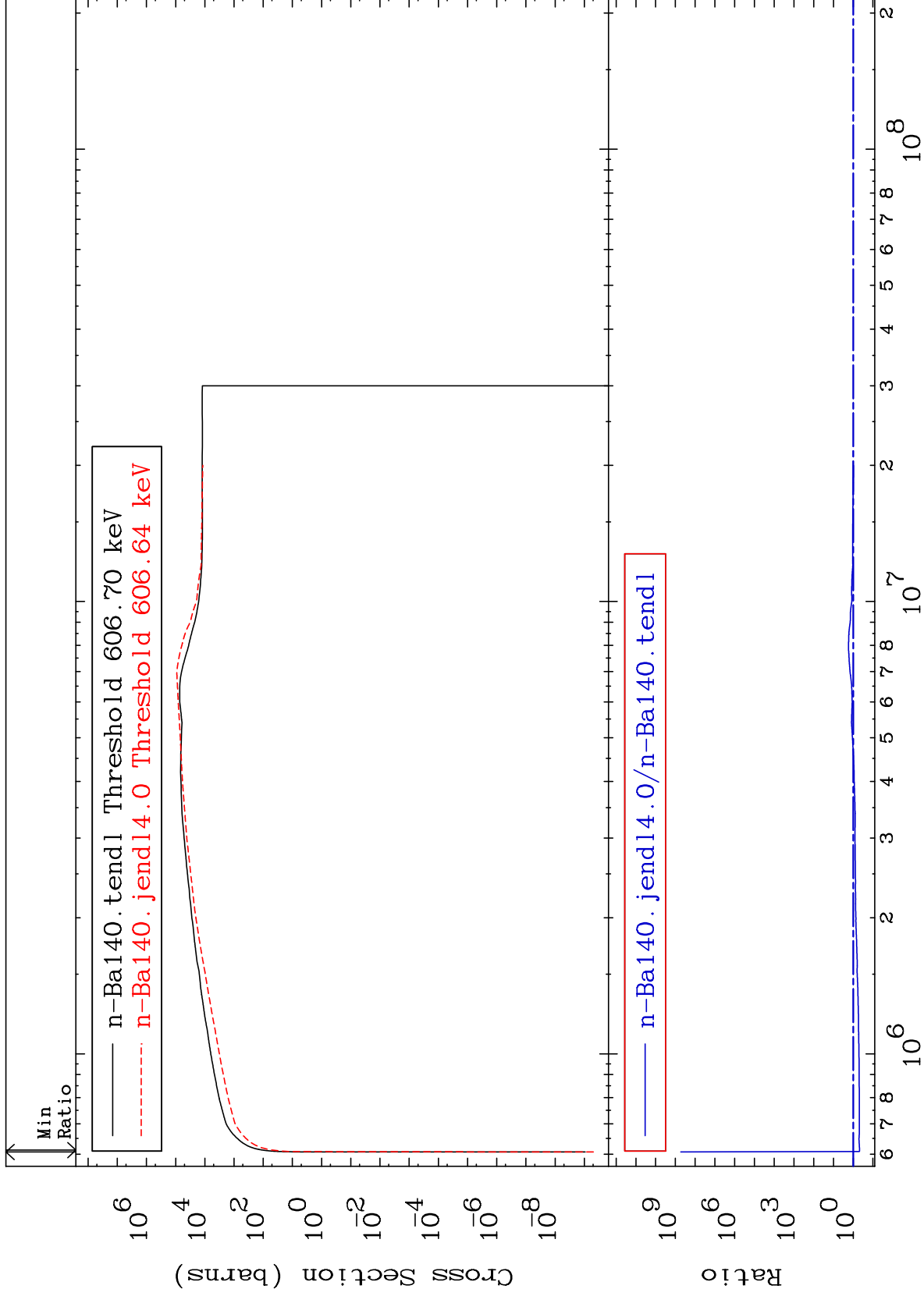
Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa inelastic (mt51-91)
Cross Section

56-Ba-140
-52.27 To 9999. %



37

Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-140
-99.93 To 9999. %

