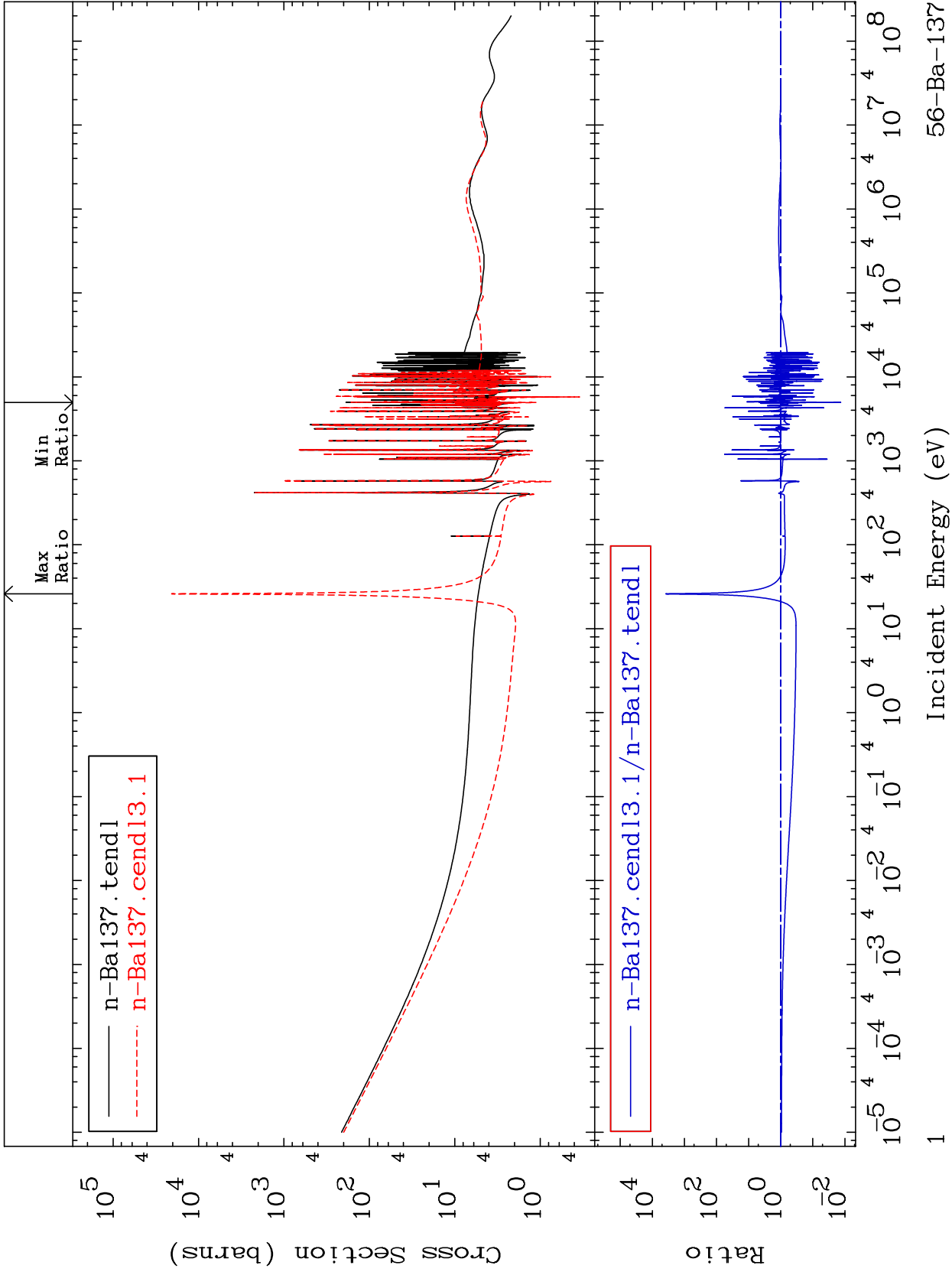


MAT 5646

Total
Cross Section

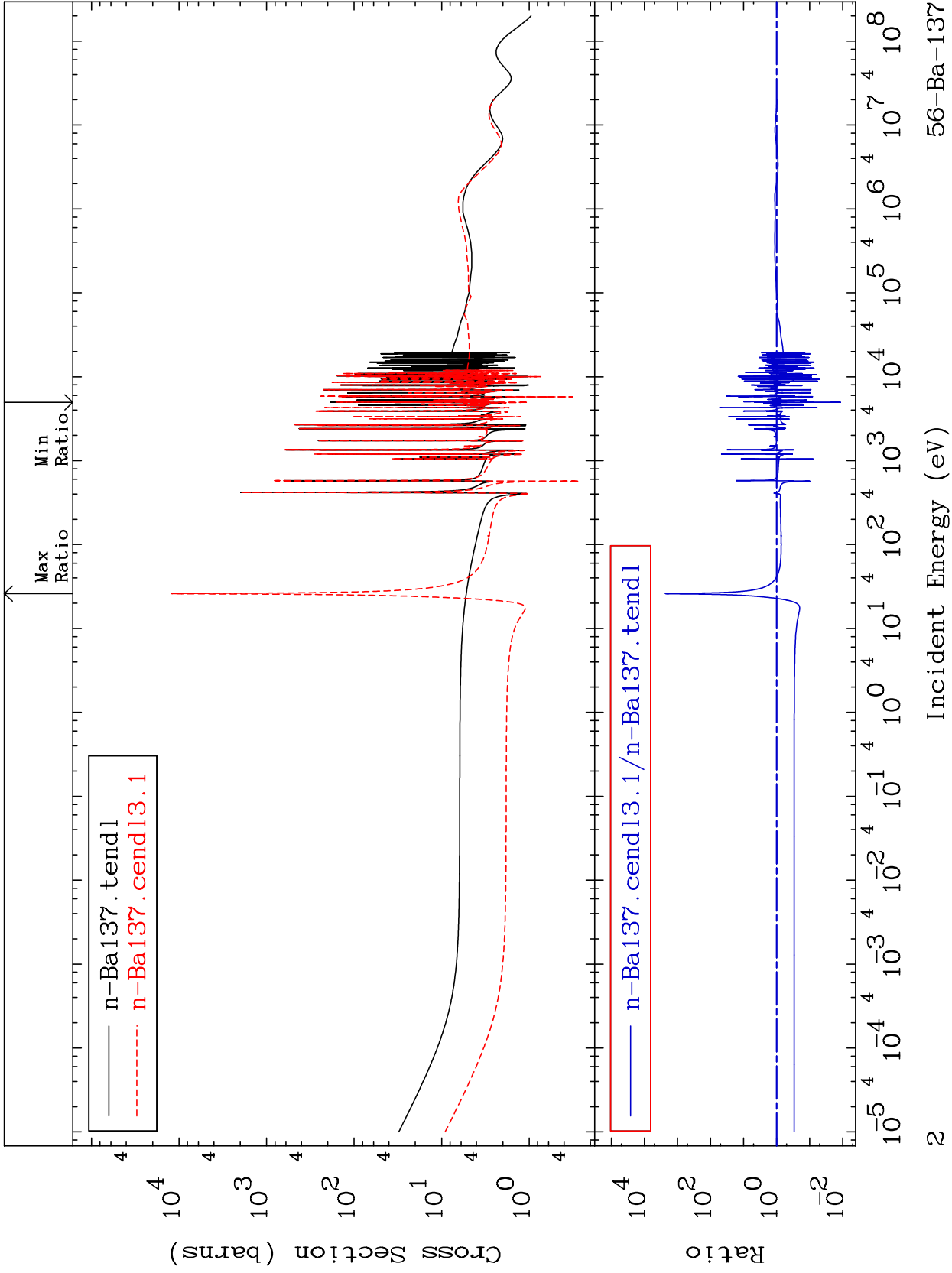
56-Ba-137
-98.65 To 9999. %



MAT 5646

Elastic
Cross Section

56-Ba-137
-98.85 To 9999. %



56-Ba-137

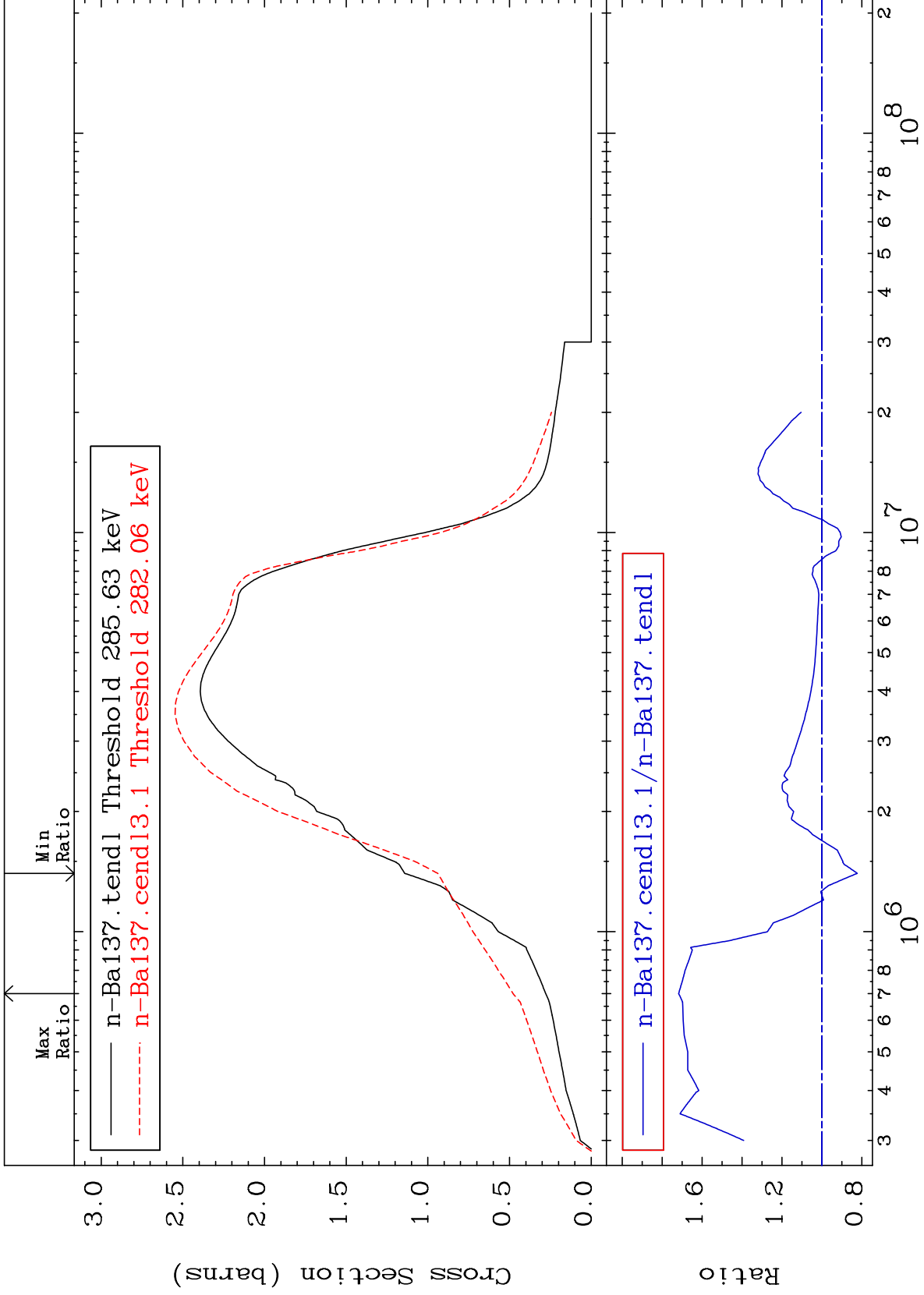
Incident Energy (eV)

2

MAT 5646

Inelastic
Cross Section

56-Ba-137
-17.70 To 71.76 %



3

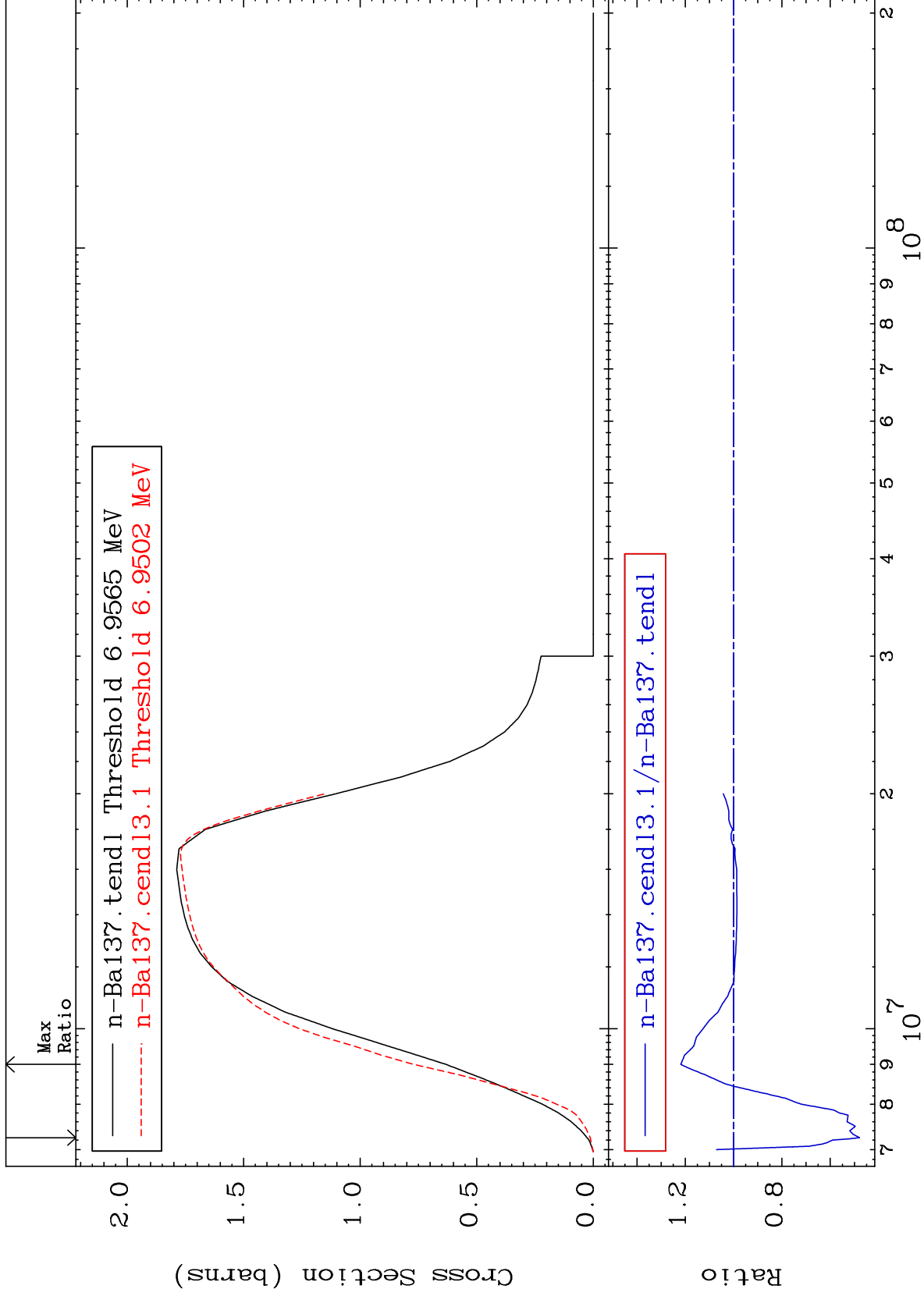
Incident Energy (eV)

56-Ba-137

MAT 5646

(n,2n)
Cross Section

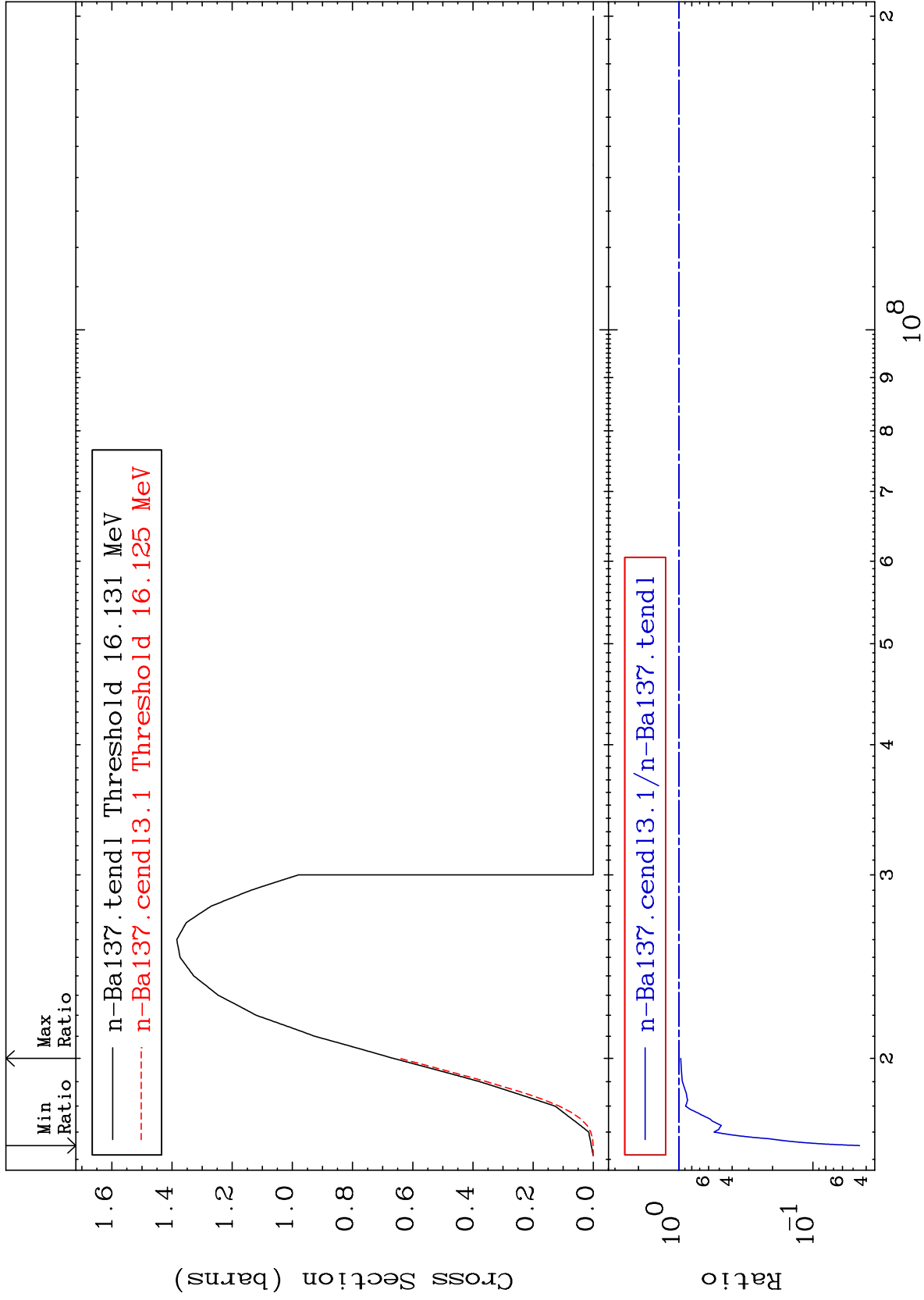
56-Ba-137
-52.11 To 21.87 %



4

Incident Energy (eV)

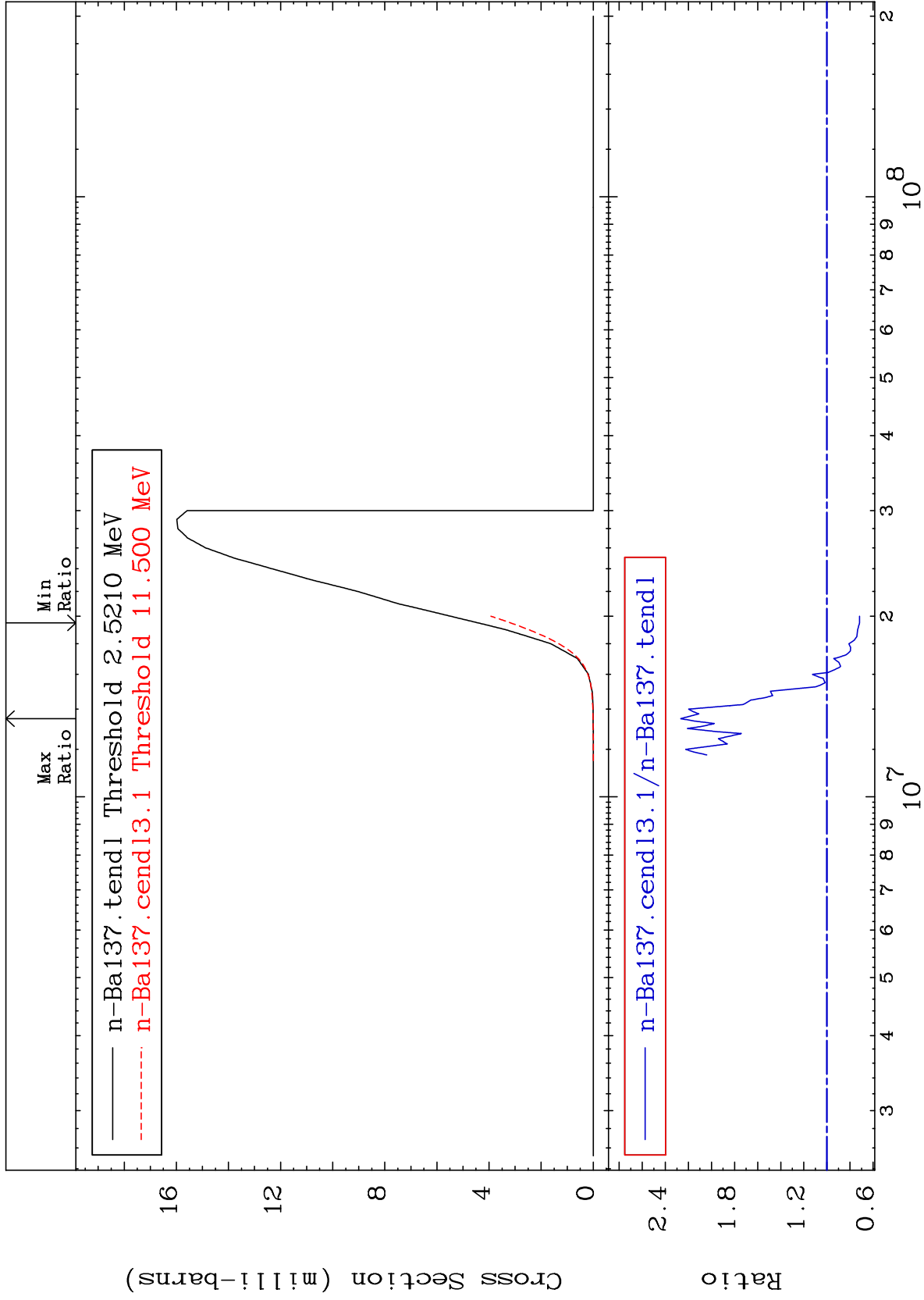
56-Ba-137



MAT 5646

56-Ba-137

(n, n') α
Cross Section
-28.27 To 126.6 %



6

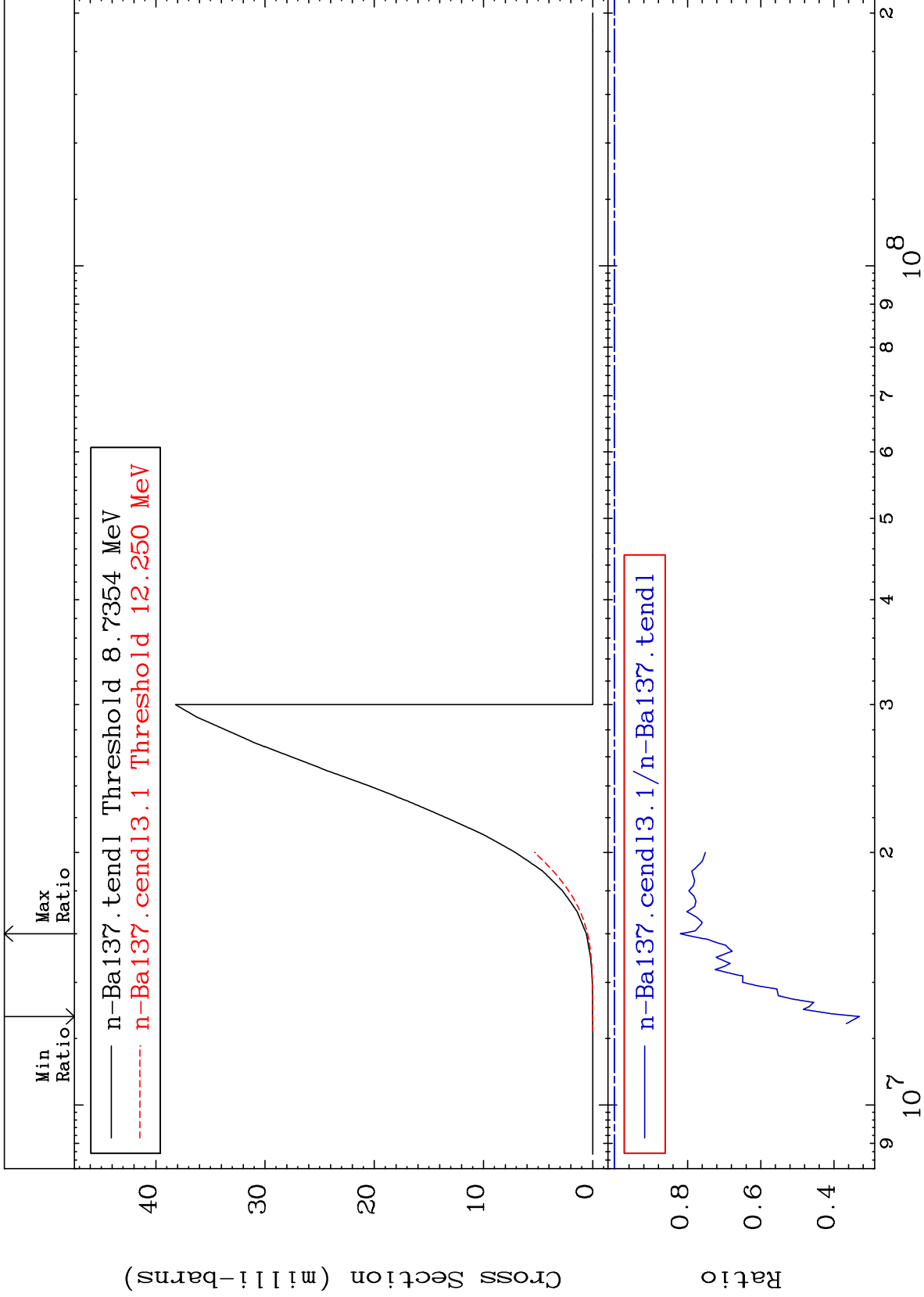
Incident Energy (eV)

56-Ba-137

MAT 5646

(n,n') p
Cross Section

56-Ba-137
-66.98 To -18.02%



7

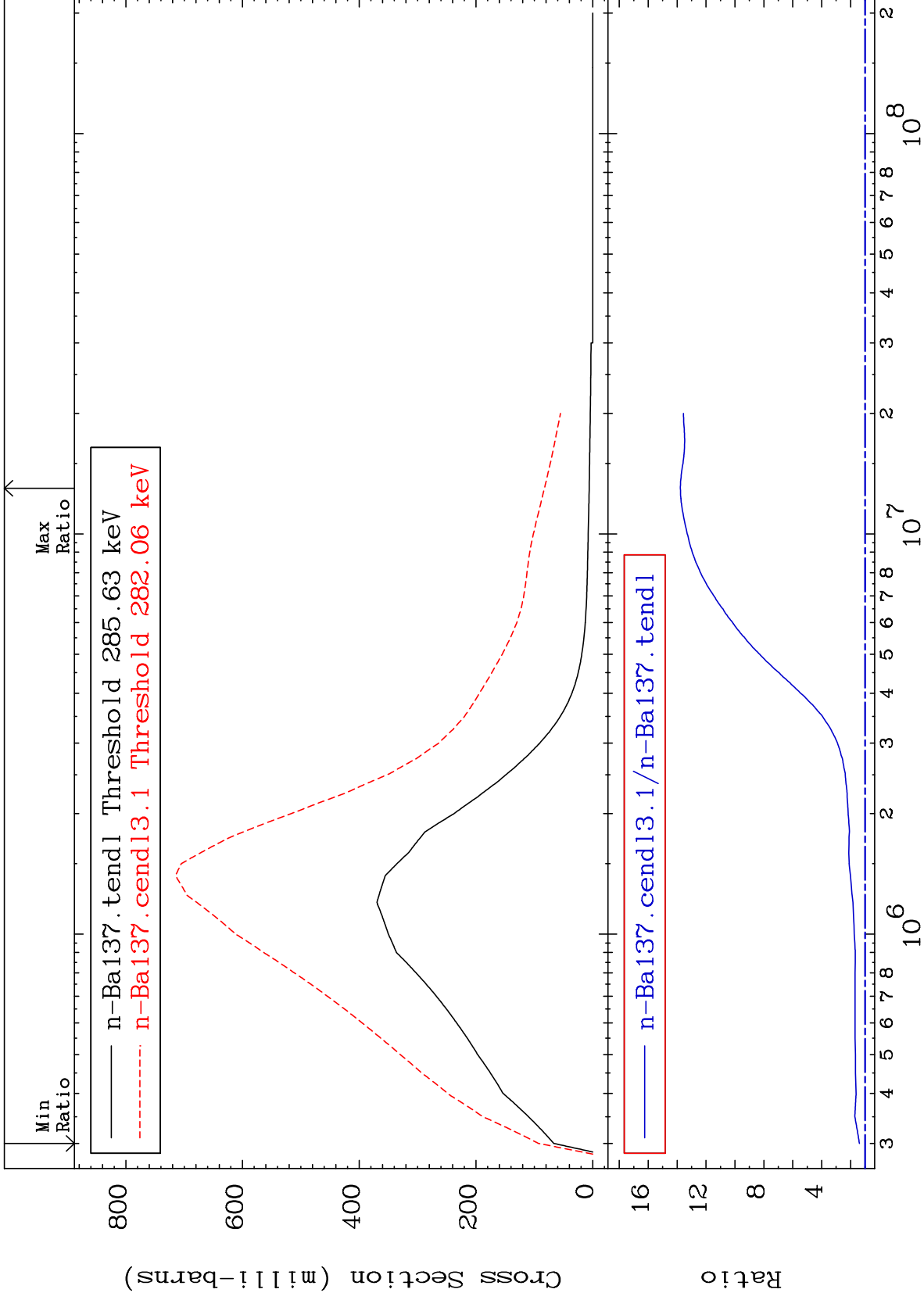
Incident Energy (eV)

56-Ba-137

MAT 5646

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

56-Ba-137
39.17 To 1278. %



8

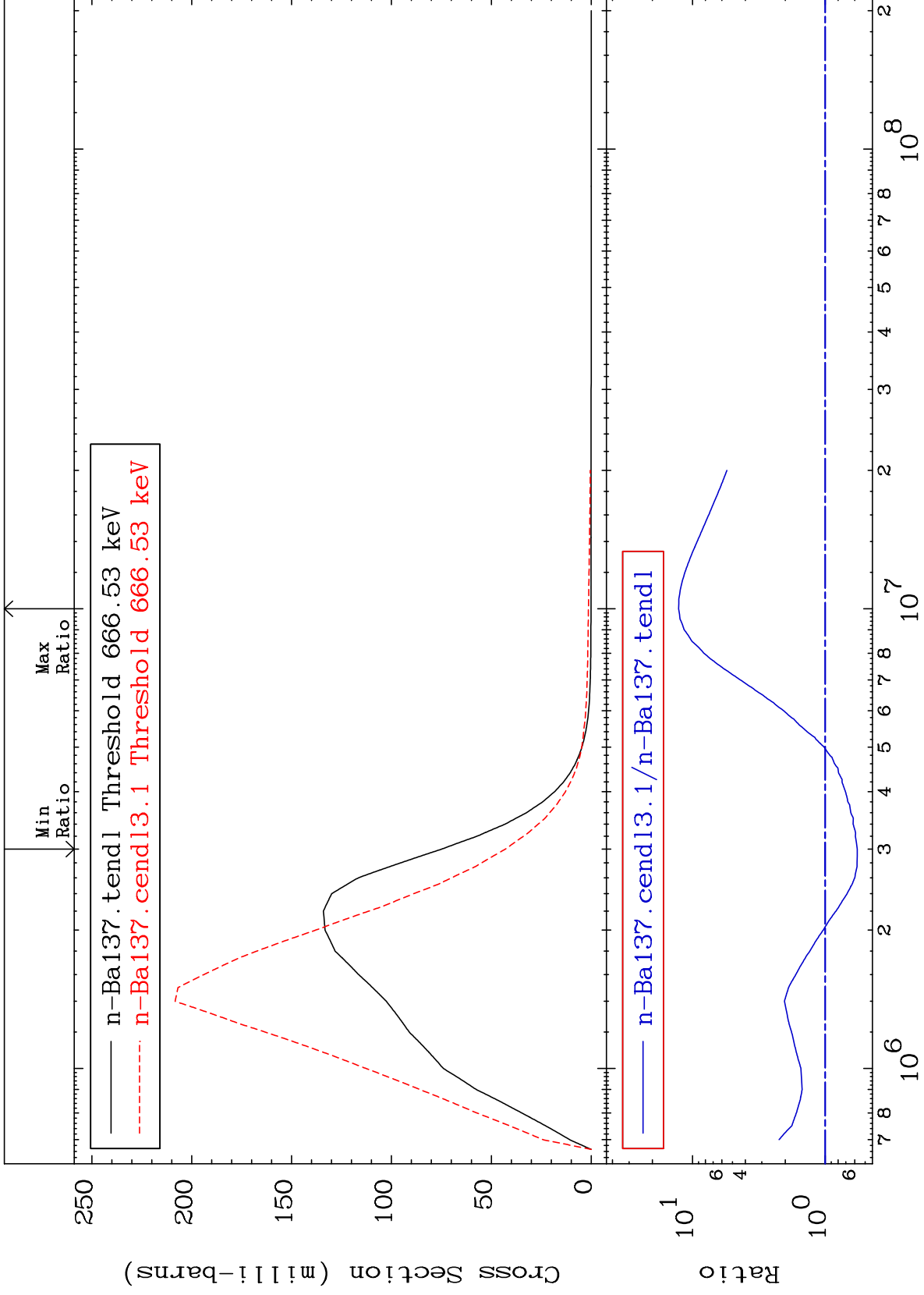
Incident Energy (eV)

56-Ba-137

MAT 5646

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

56-Ba-137
-42.63 To 1171. %



9

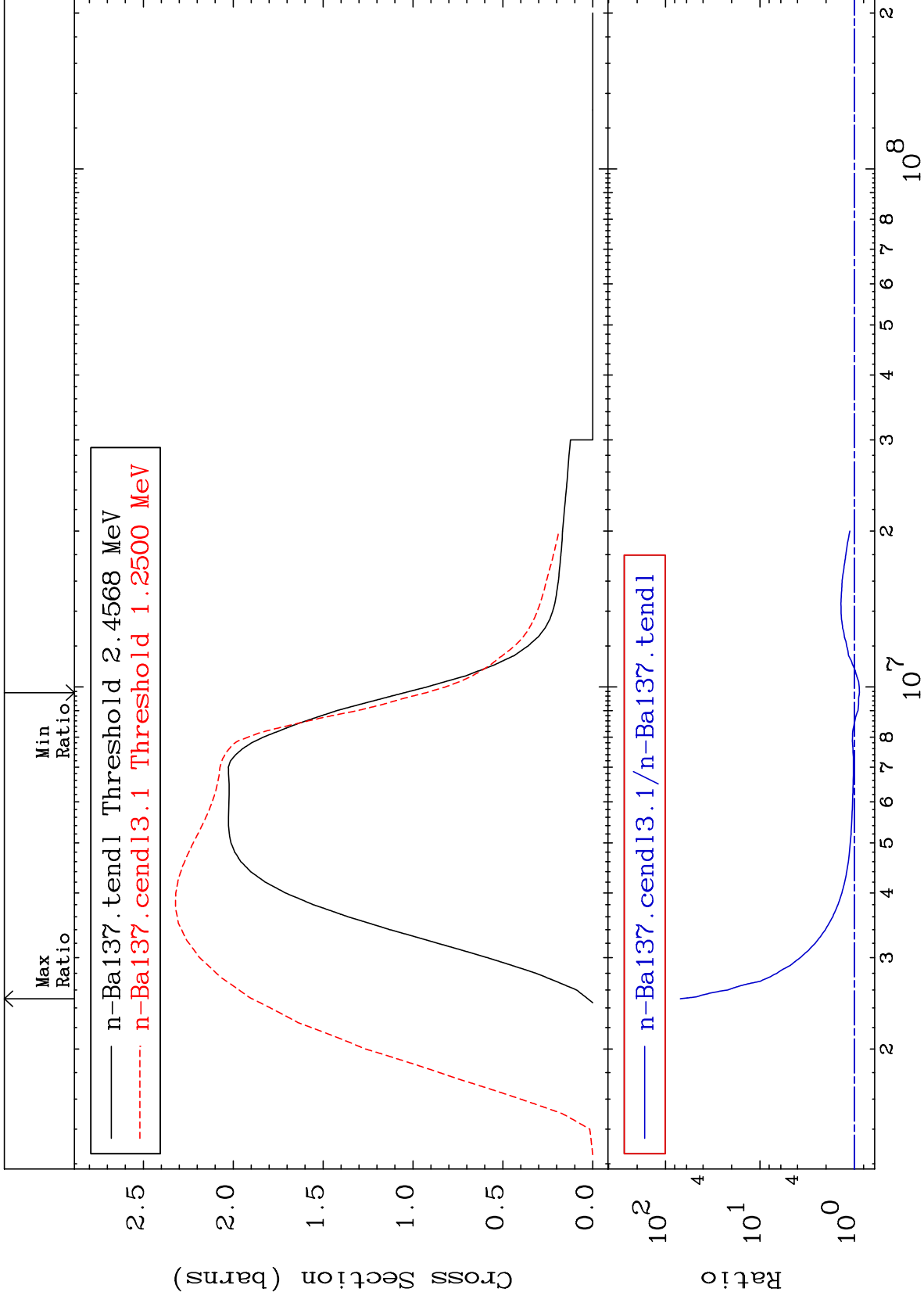
Incident Energy (eV)

56-Ba-137

MAT 5646

(n, n') Continuum
Cross Section

56-Ba-137
-11.51 To 6865. %



10

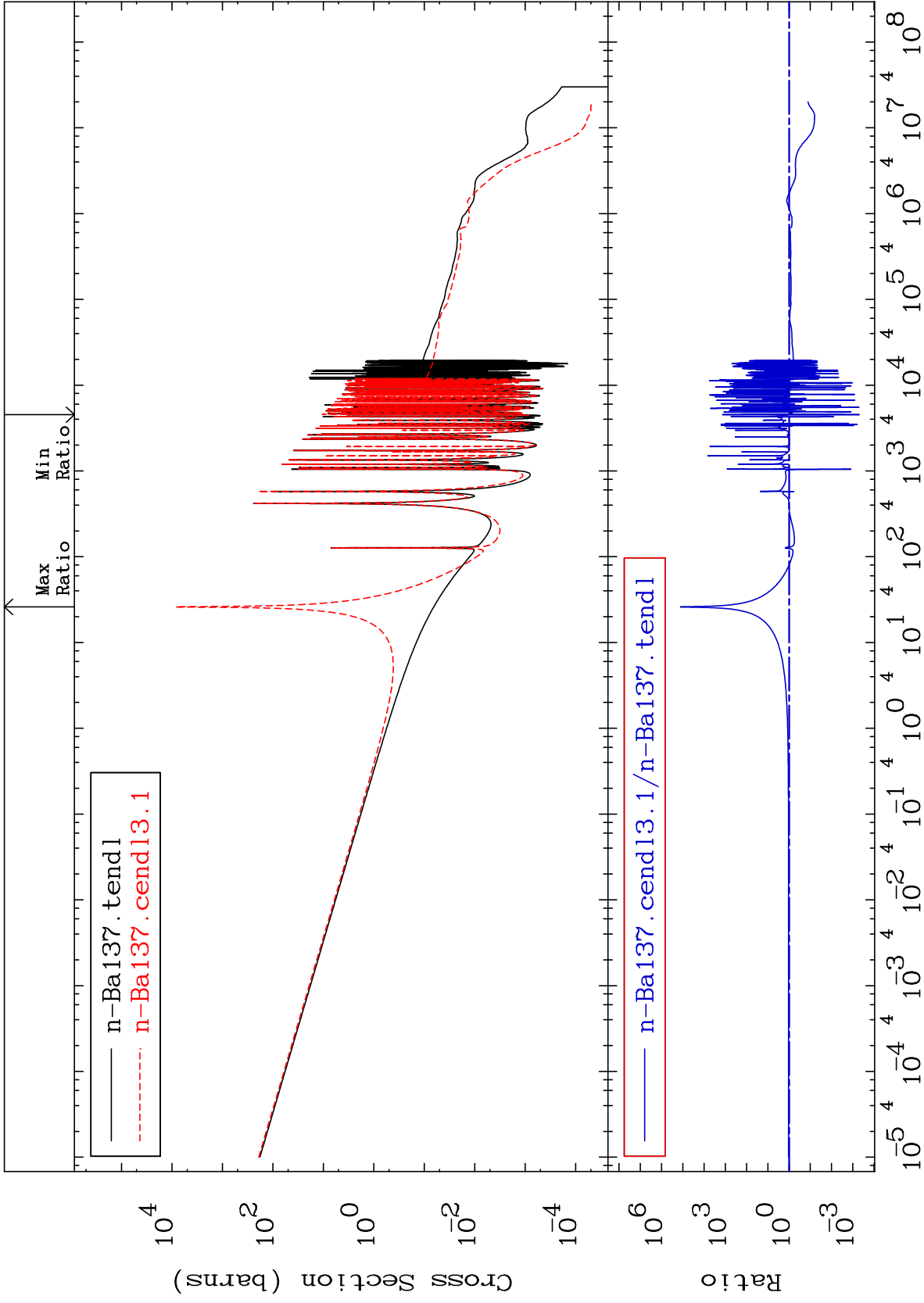
Incident Energy (eV)

56-Ba-137

MAT 5646

(n, γ)
Cross Section

56-Ba-137
-99.95 To 9999. %



11

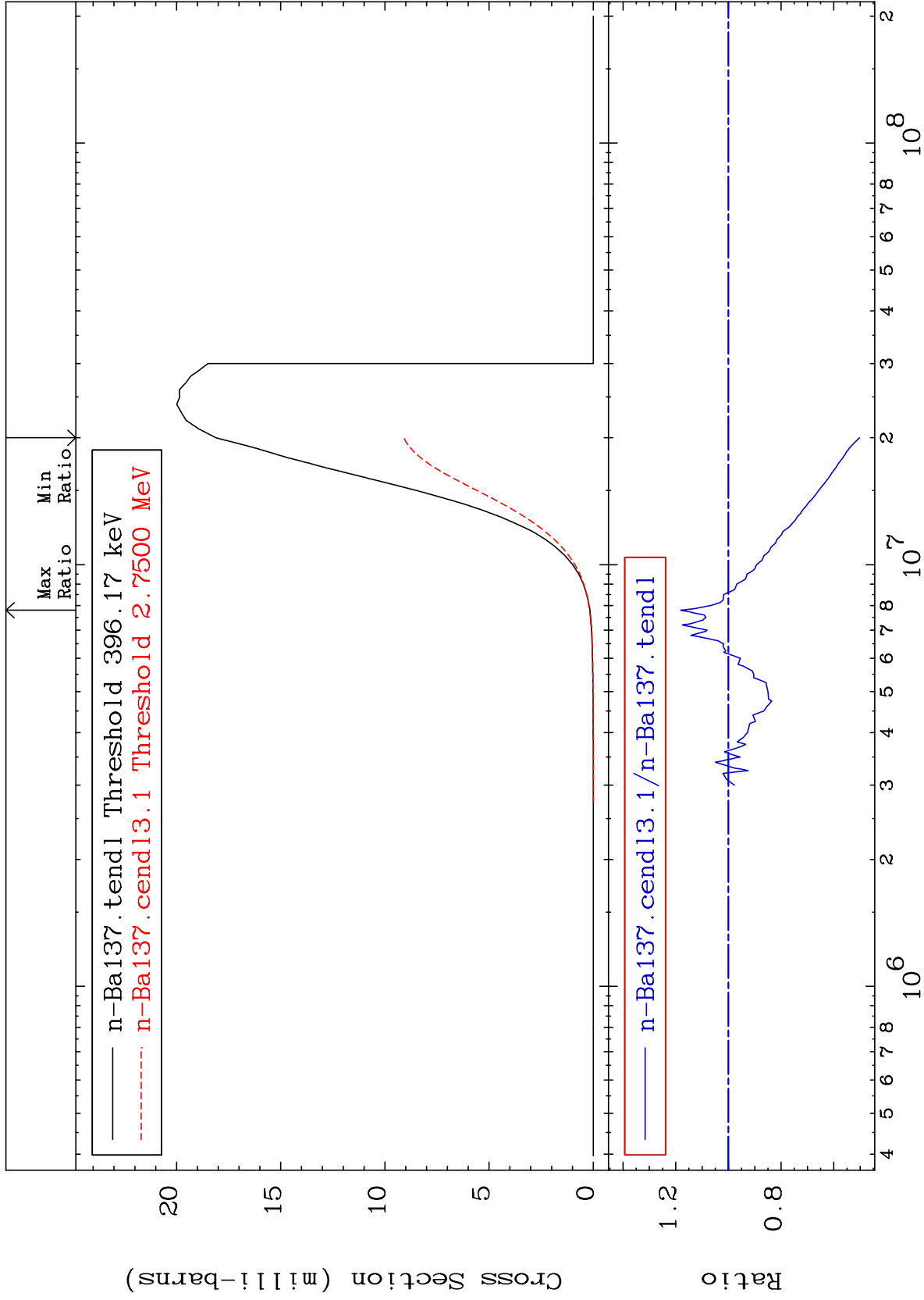
Incident Energy (eV)

56-Ba-137

MAT 5646

56-Ba-137

(n,p)
Cross Section
-49.78 To 18.09 %



12

Incident Energy (eV)

56-Ba-137

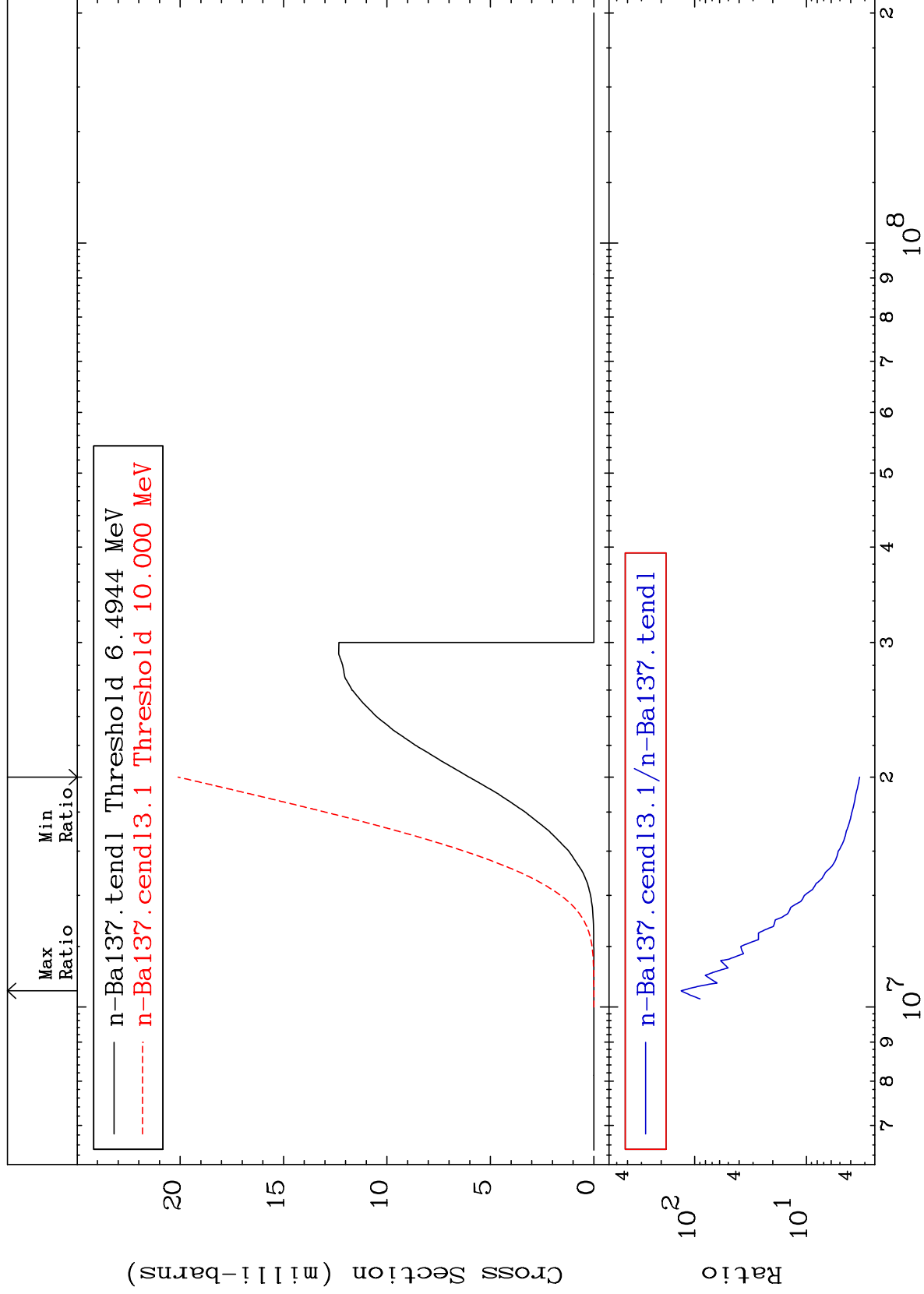
MAT 5646

(n, d)

56-Ba-137

Cross Section

233.3 To 9999. %



13

Incident Energy (eV)

56-Ba-137

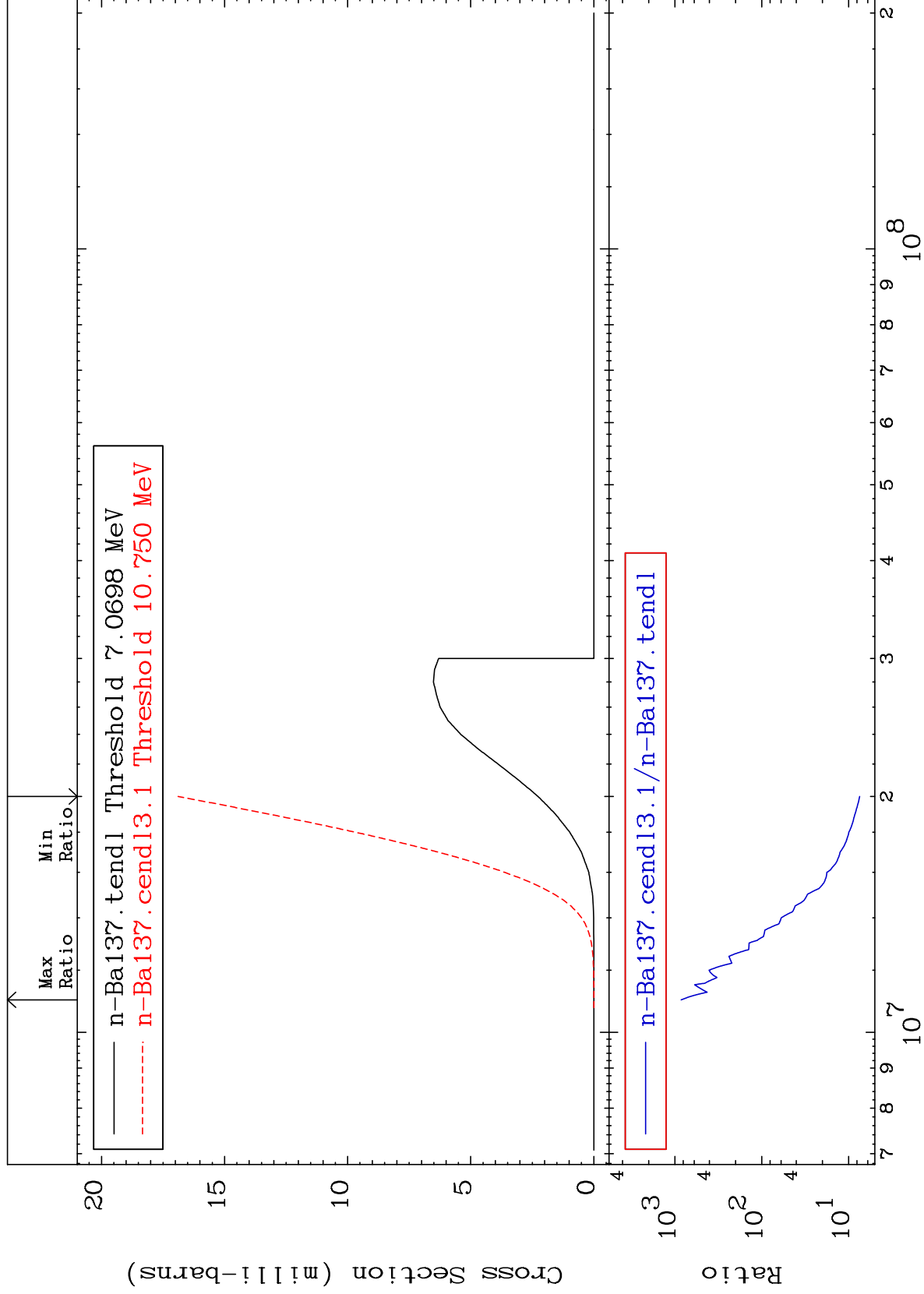
MAT 5646

(n, t)

56-Ba-137

Cross Section

645.4 To 9999. %



14

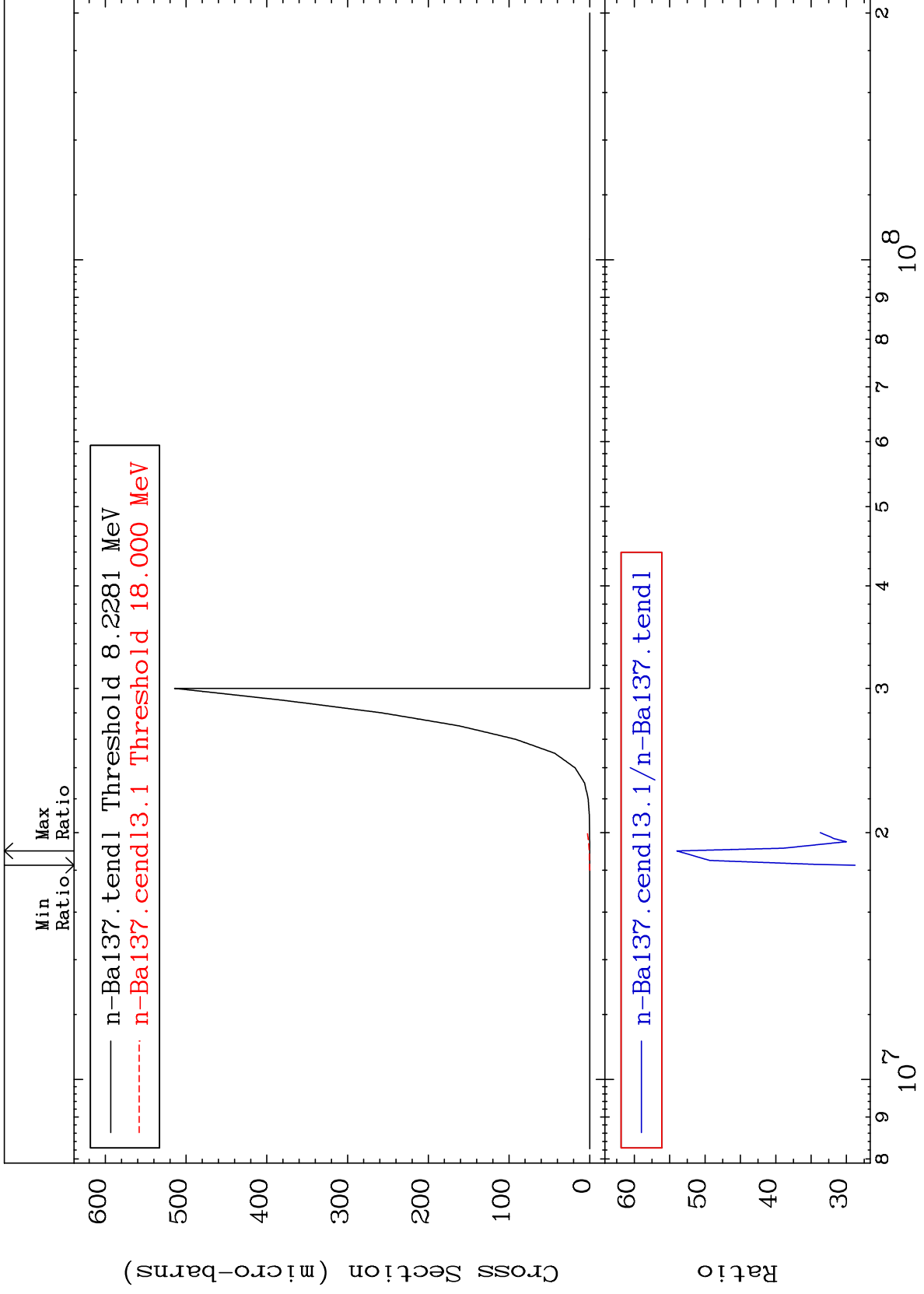
56-Ba-137

56-Ba-137

MAT 5646

(n, He-3)
Cross Section

56-Ba-137
2778. To 5297. %



15

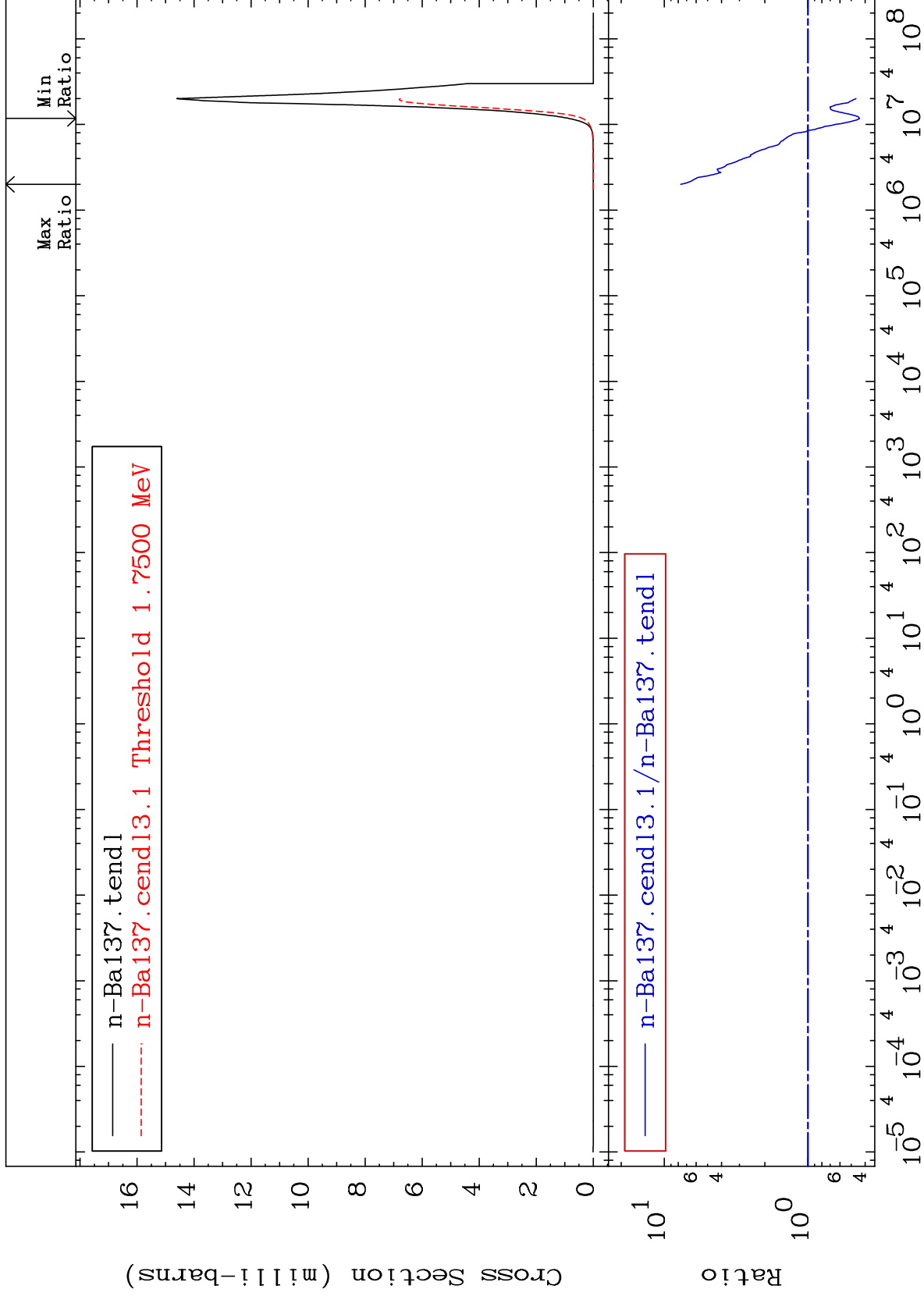
Incident Energy (eV)

56-Ba-137

MAT 5646

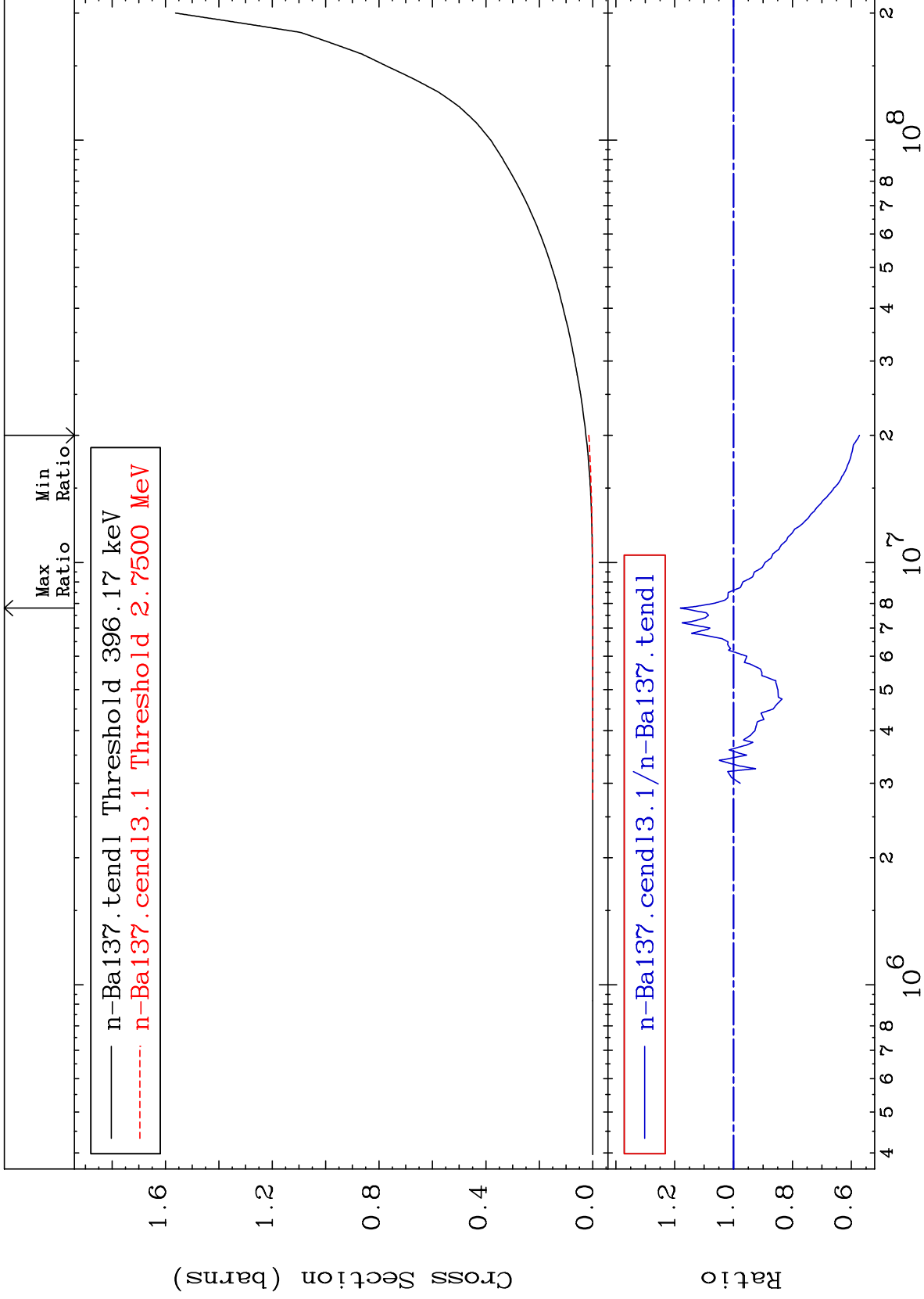
(n, α)
Cross Section

56-Ba-137
-56.22 To 668.6 %



56-Ba-137

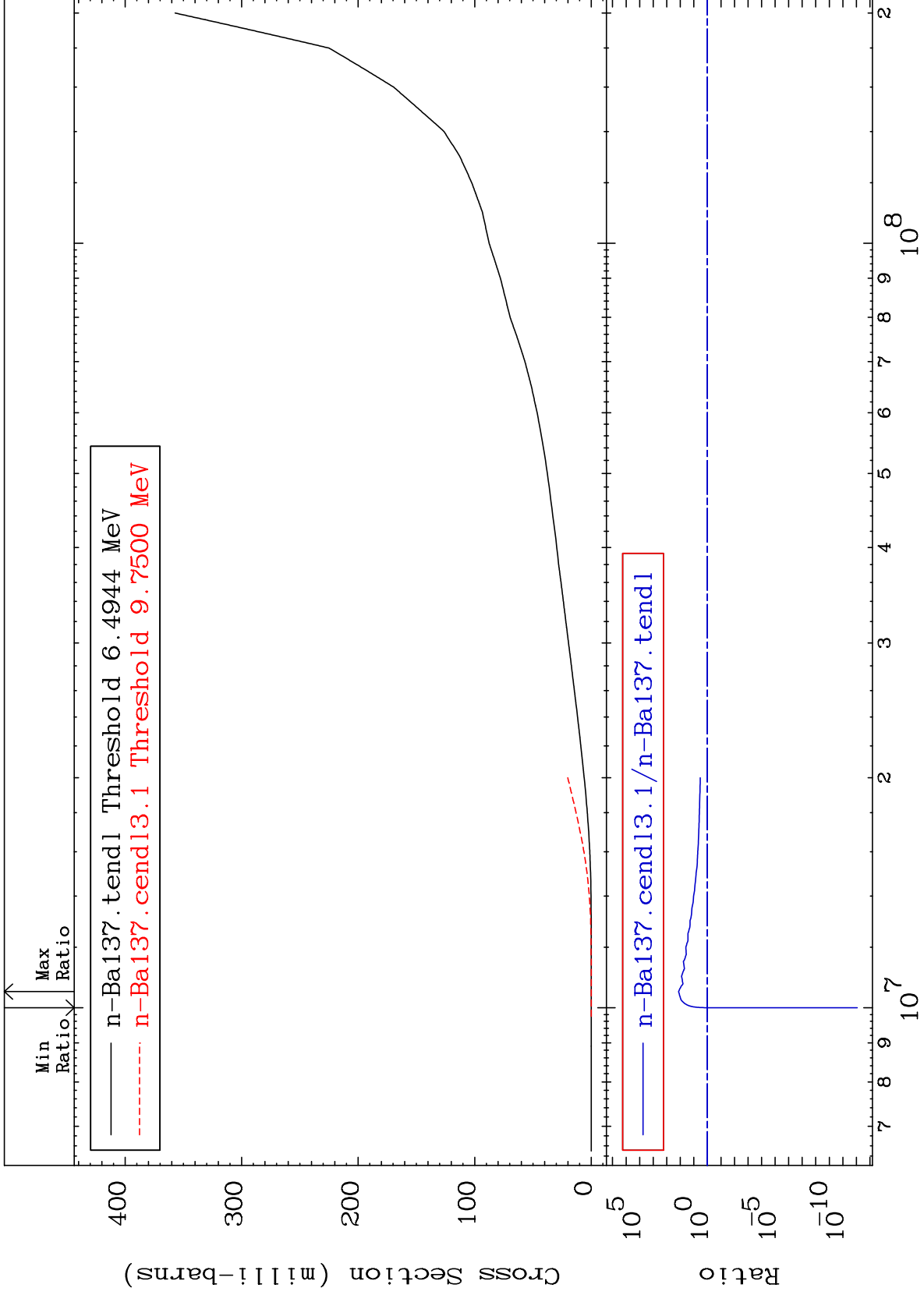
56-Ba-137



MAT 5646

Deuterium Production Cross Section

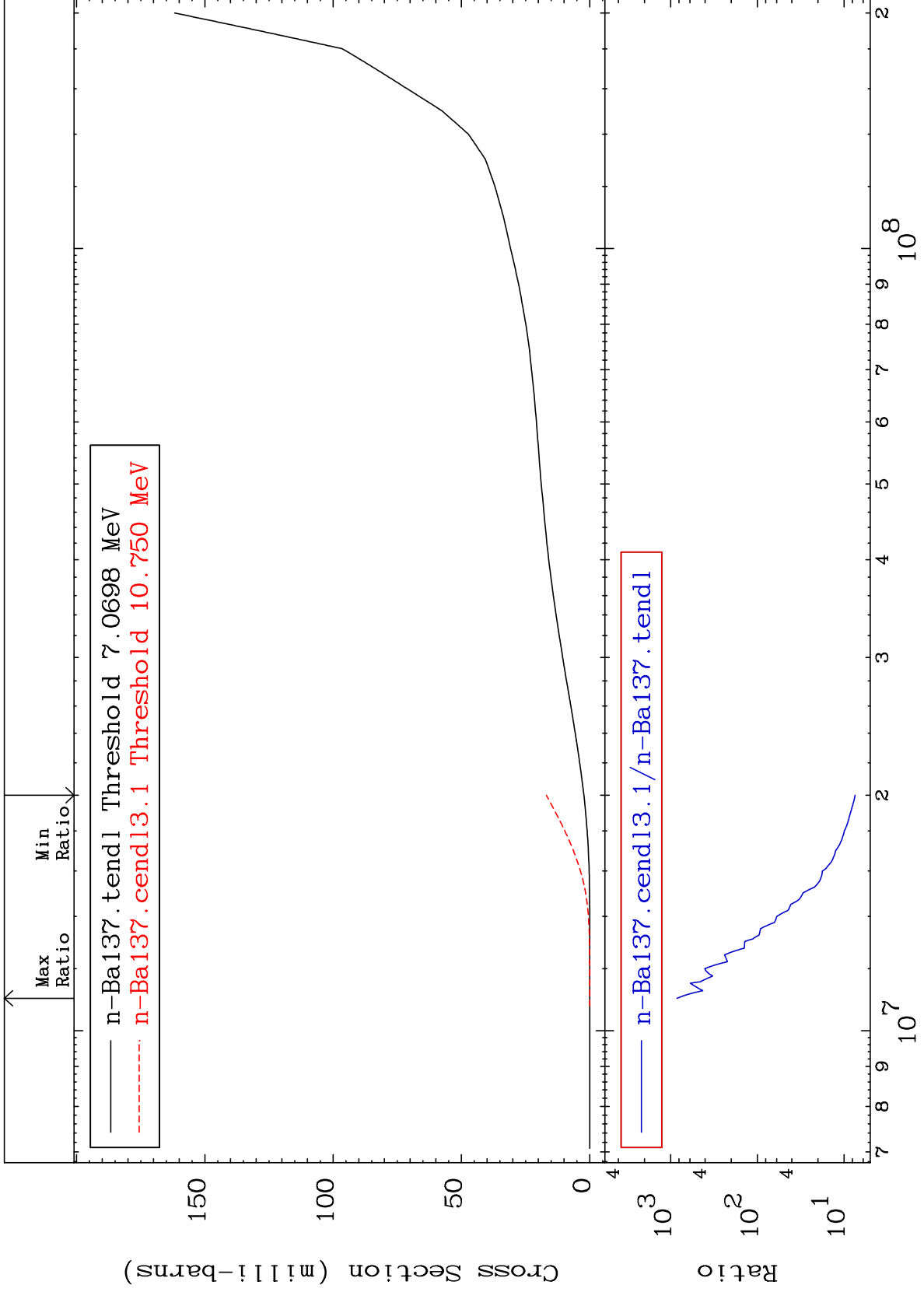
56-Ba-137
-100.0 To 9999. %



MAT 5646

Tritium Production
Cross Section

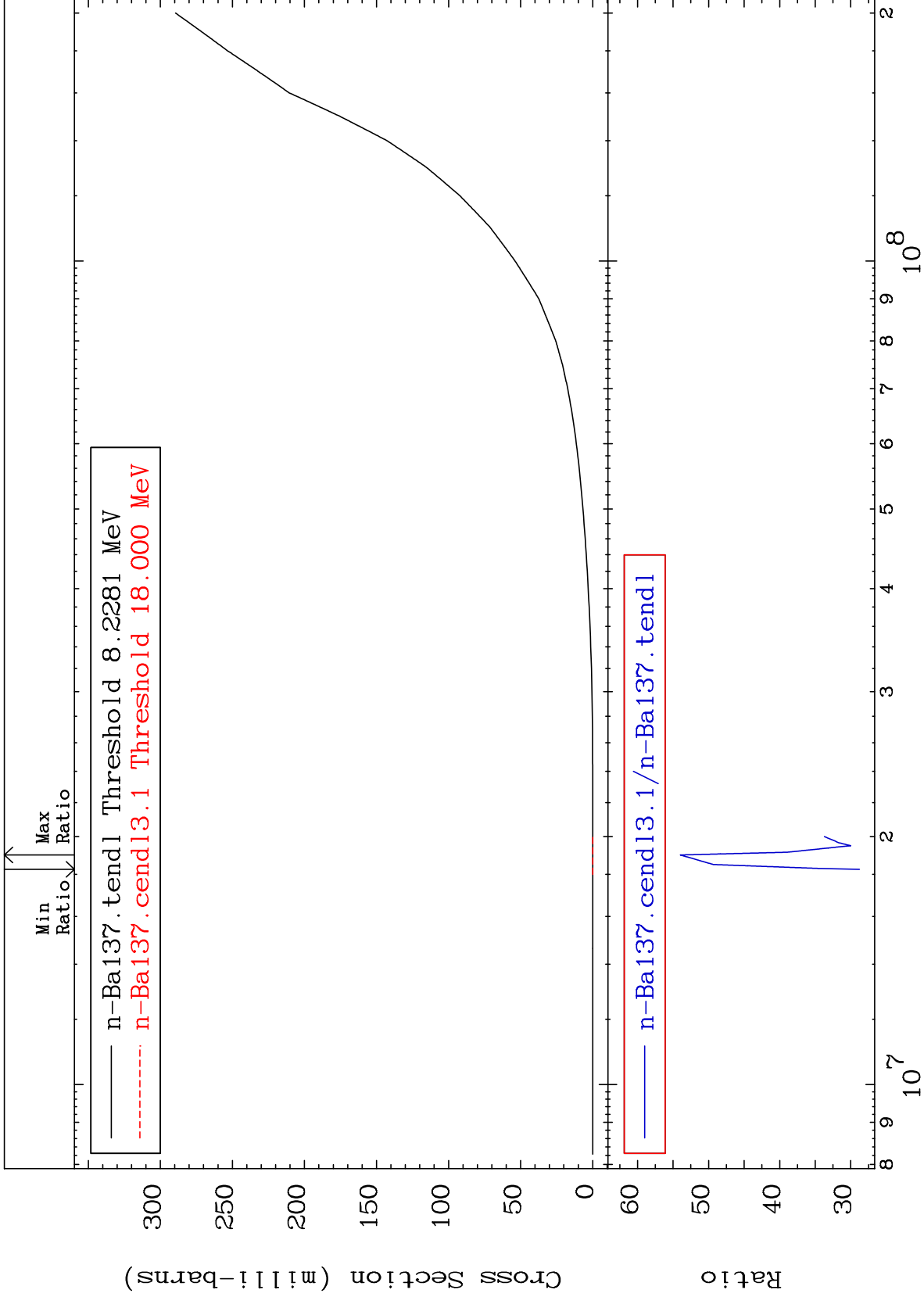
56-Ba-137
645.4 To 9999. %



MAT 5646

He-3 Production
Cross Section

56-Ba-137
2778. To 5297. %



20

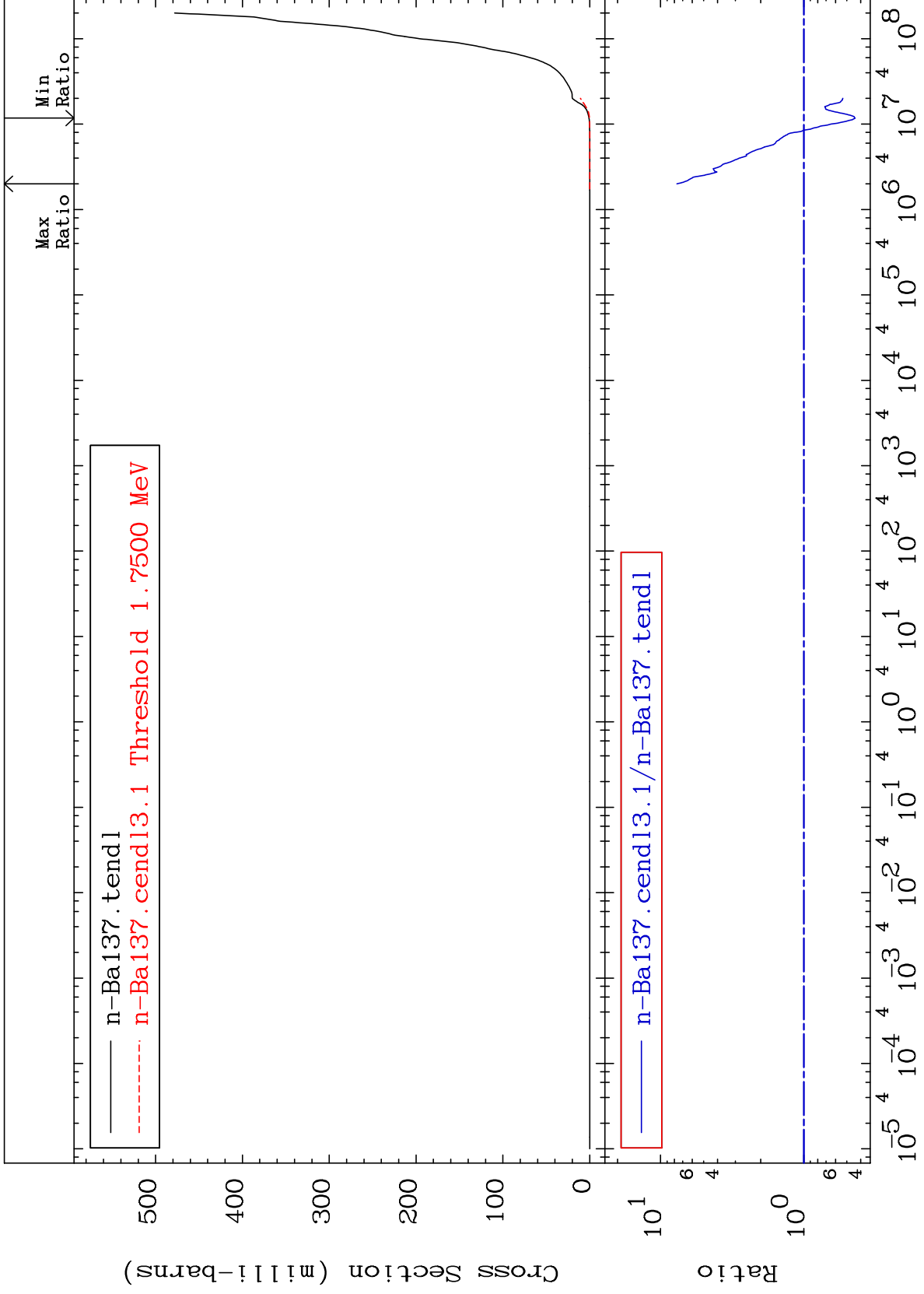
Incident Energy (eV)

56-Ba-137

MAT 5646

He-4 Production
Cross Section

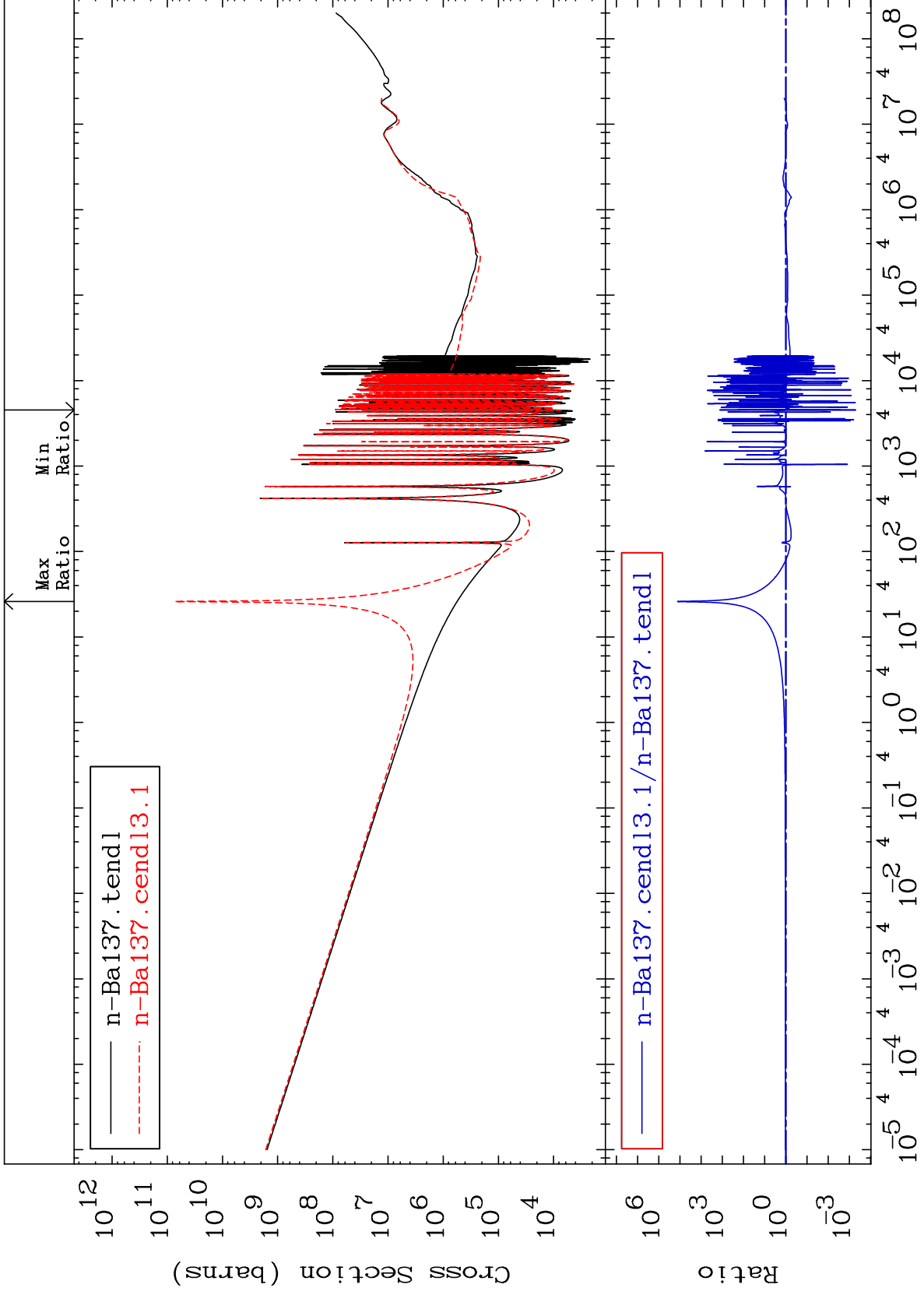
56-Ba-137
-56.19 To 668.6 %



21

Incident Energy (eV)

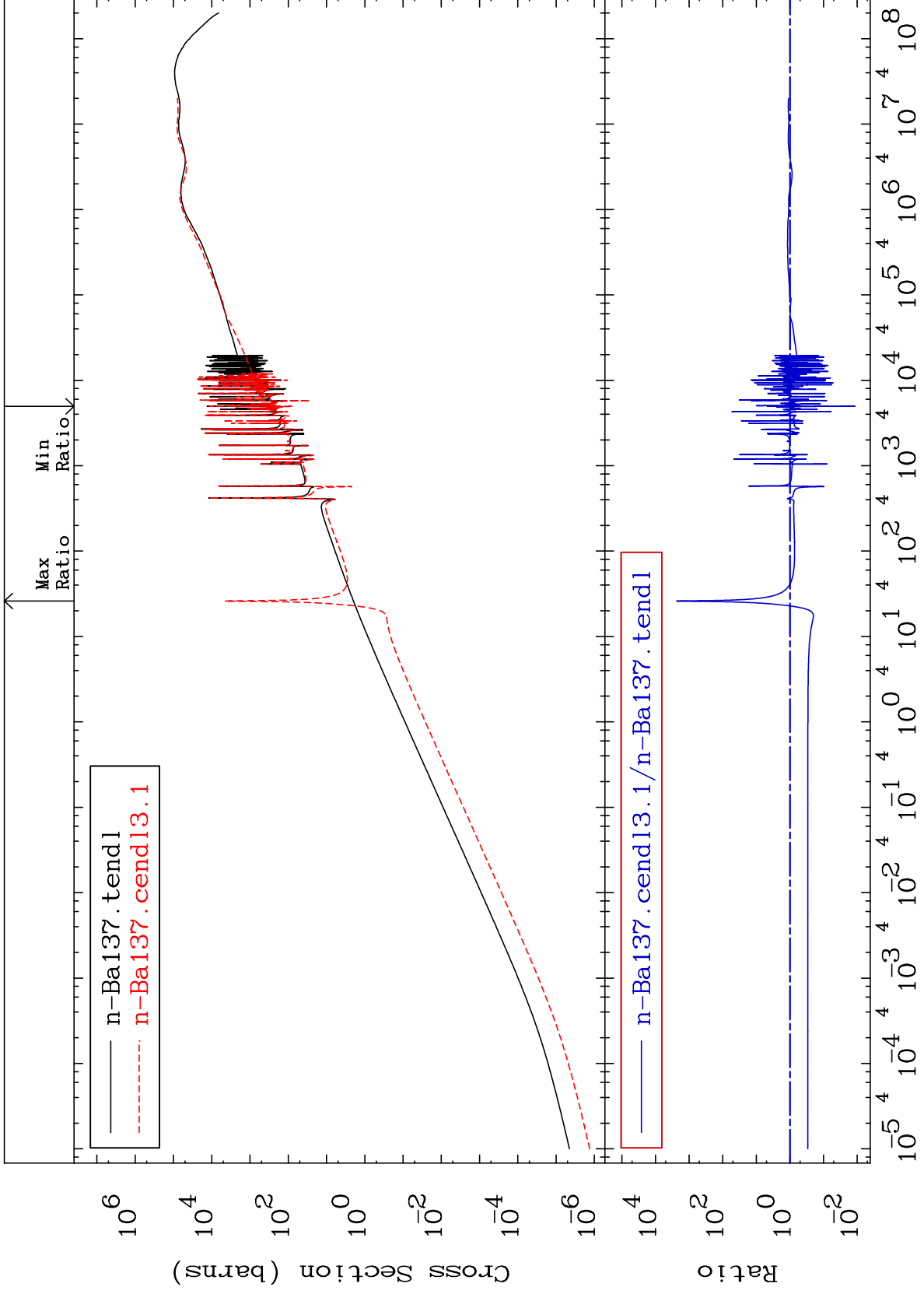
56-Ba-137

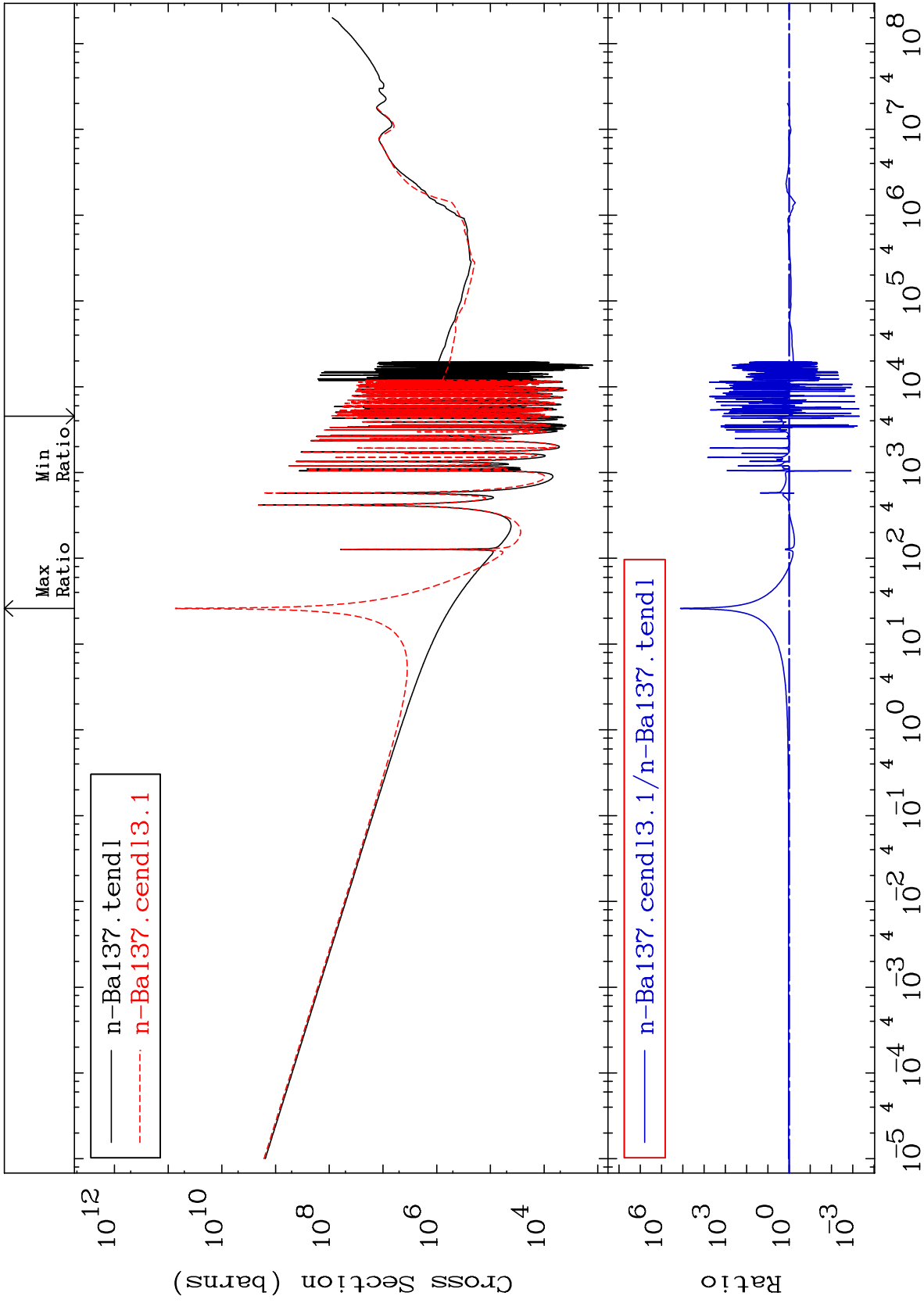


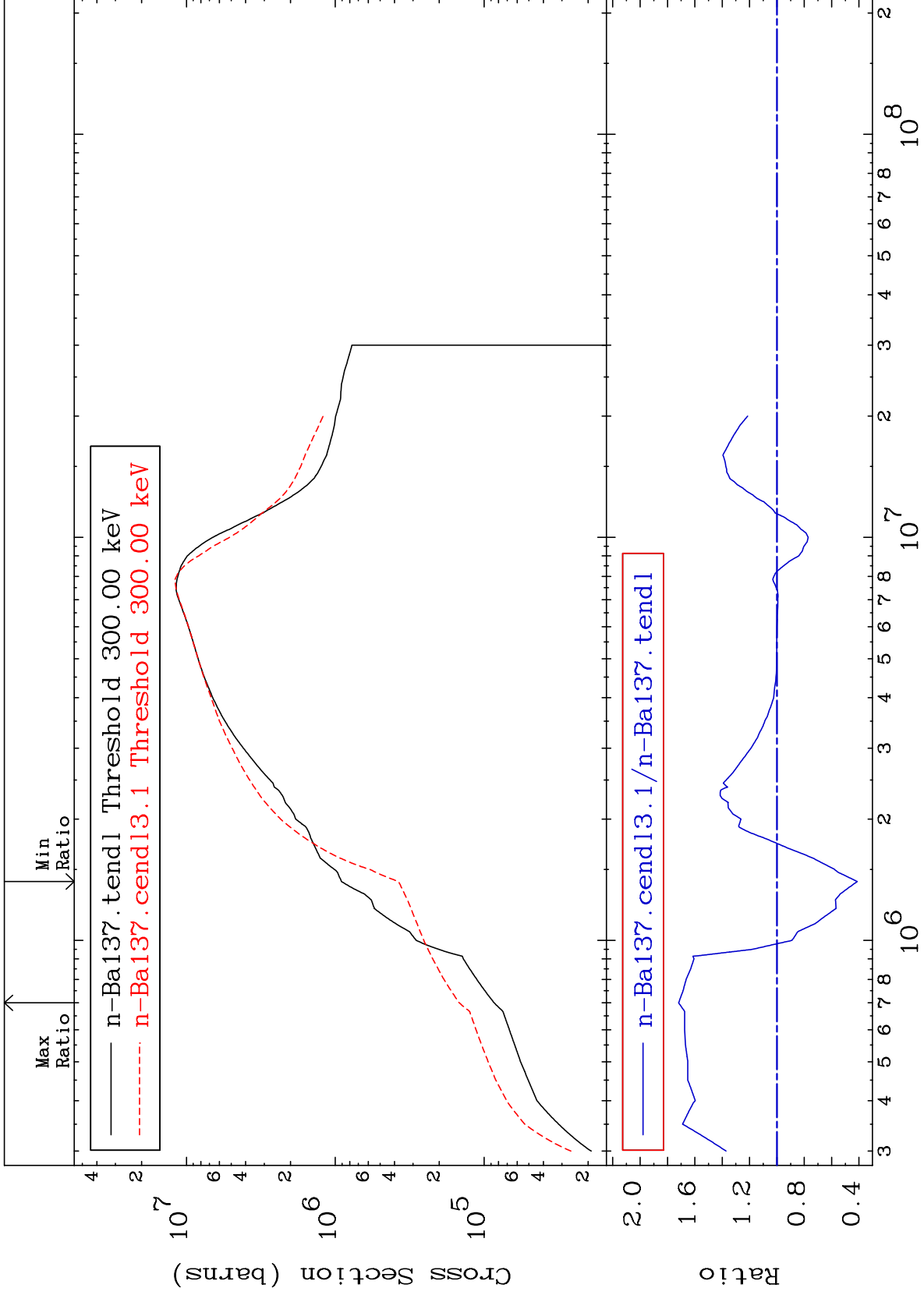
MAT 5646

Kerma elastic
Cross Section

56-Ba-137
-98.85 To 9999. %



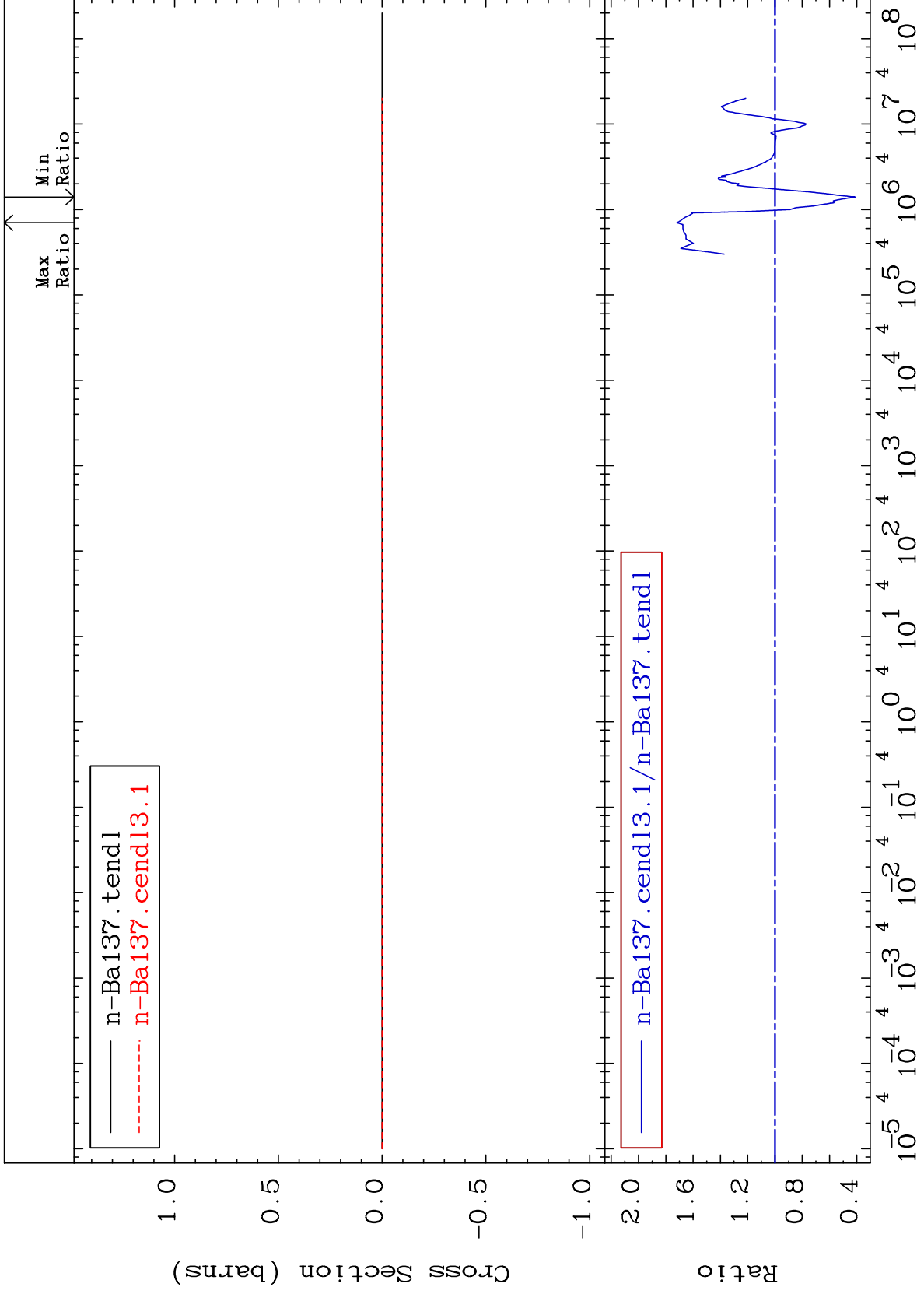


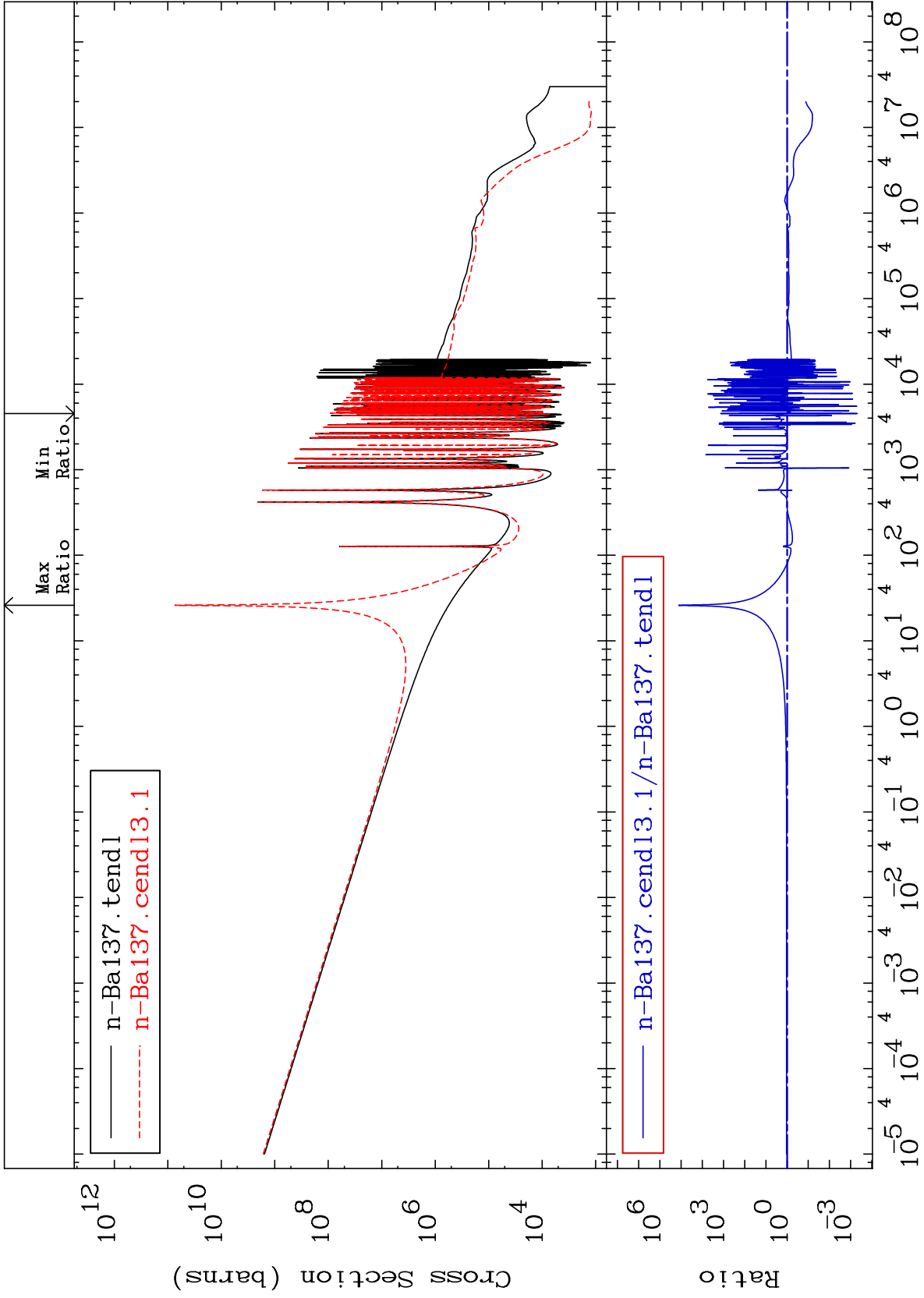


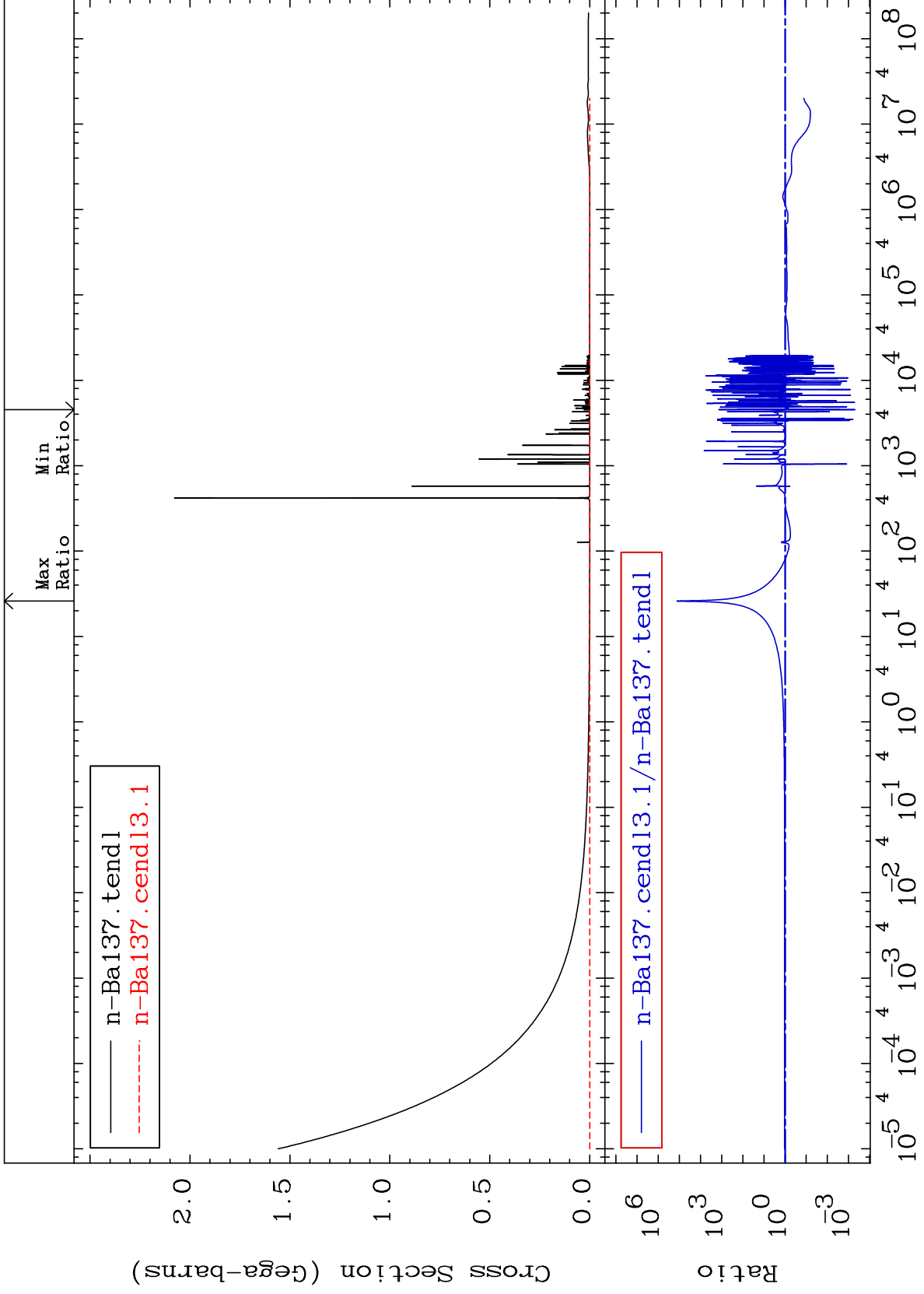
MAT 5646

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

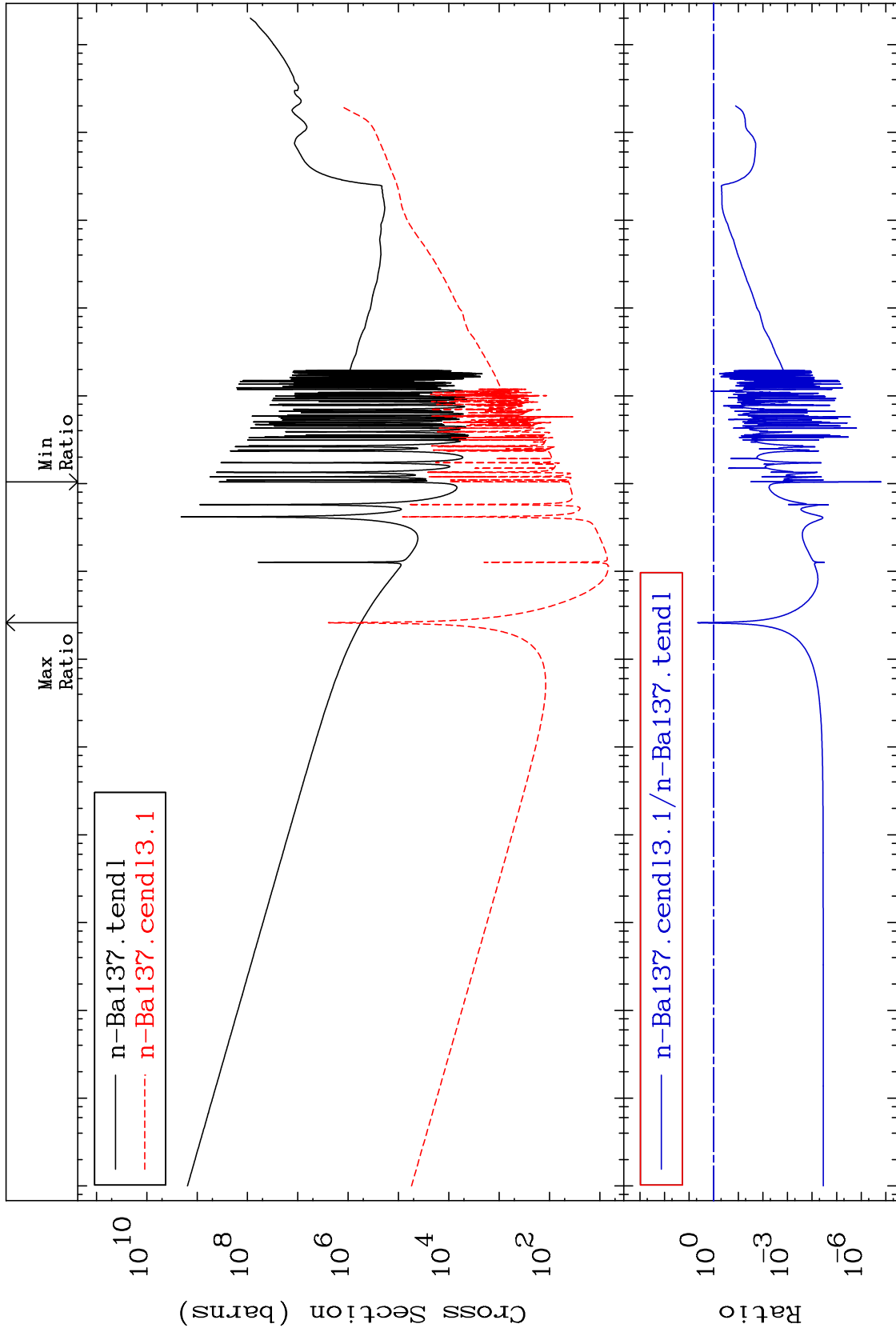
56-Ba-137
-58.73 To 71.84 %

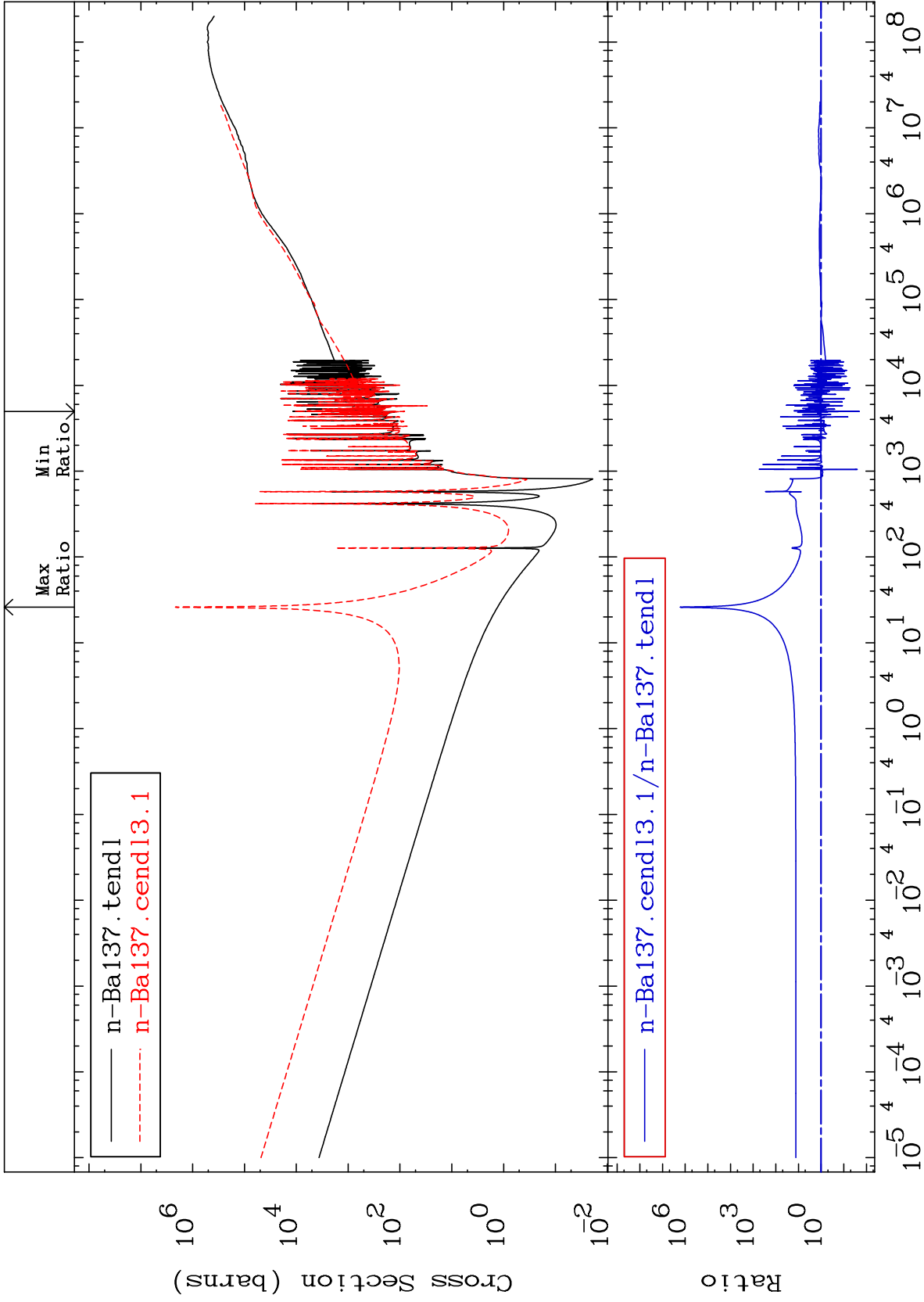






Cross Section

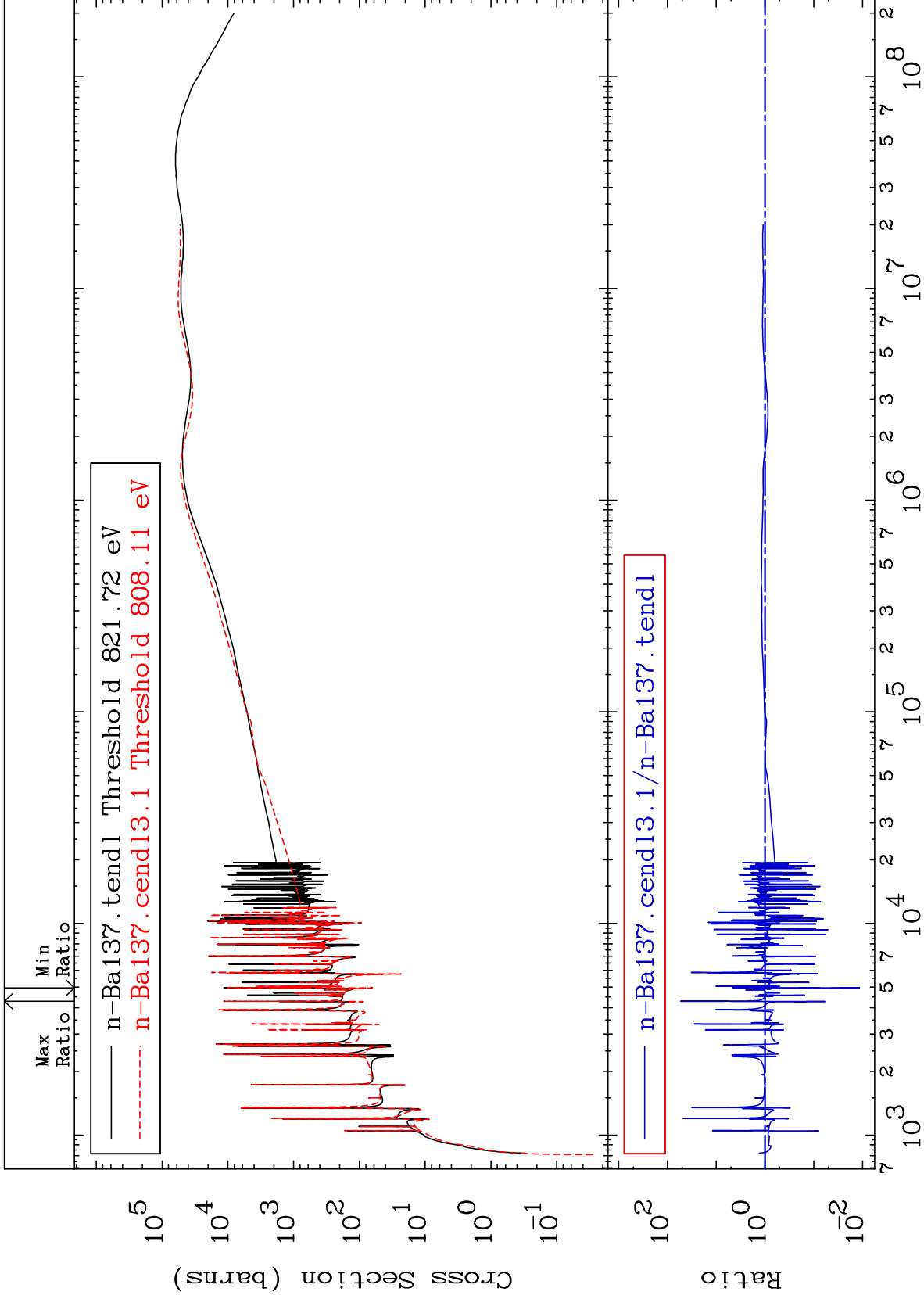




MAT 5646

Dpa elastic (mt2)
Cross Section

56-Ba-137
-98.84 To 5336. %



31

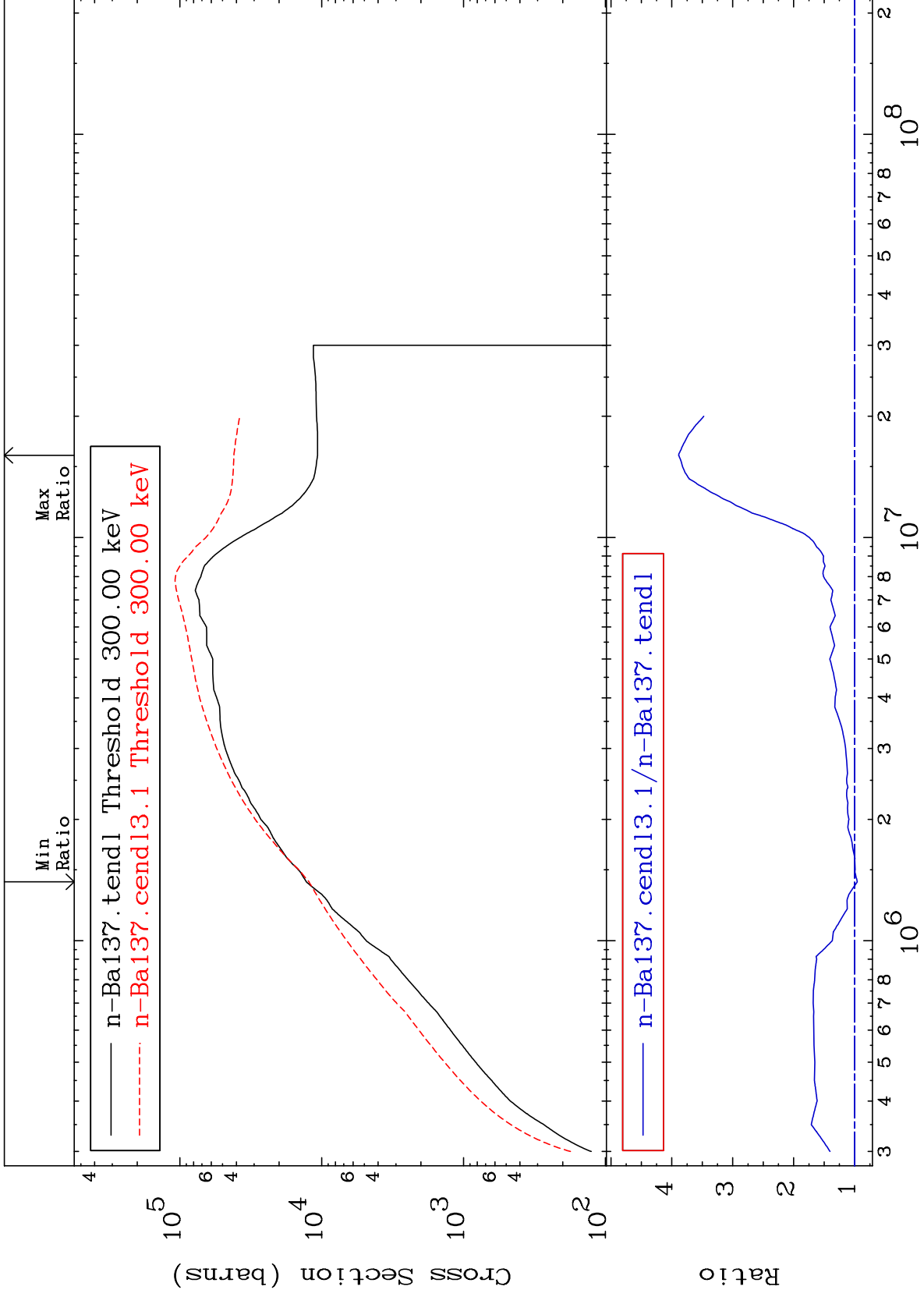
Incident Energy (eV)

56-Ba-137

MAT 5646

Dpa inelastic (mt51-91)
Cross Section

56-Ba-137
-4.331 To 288.8 %



32

56-Ba-137

56-Ba-137

