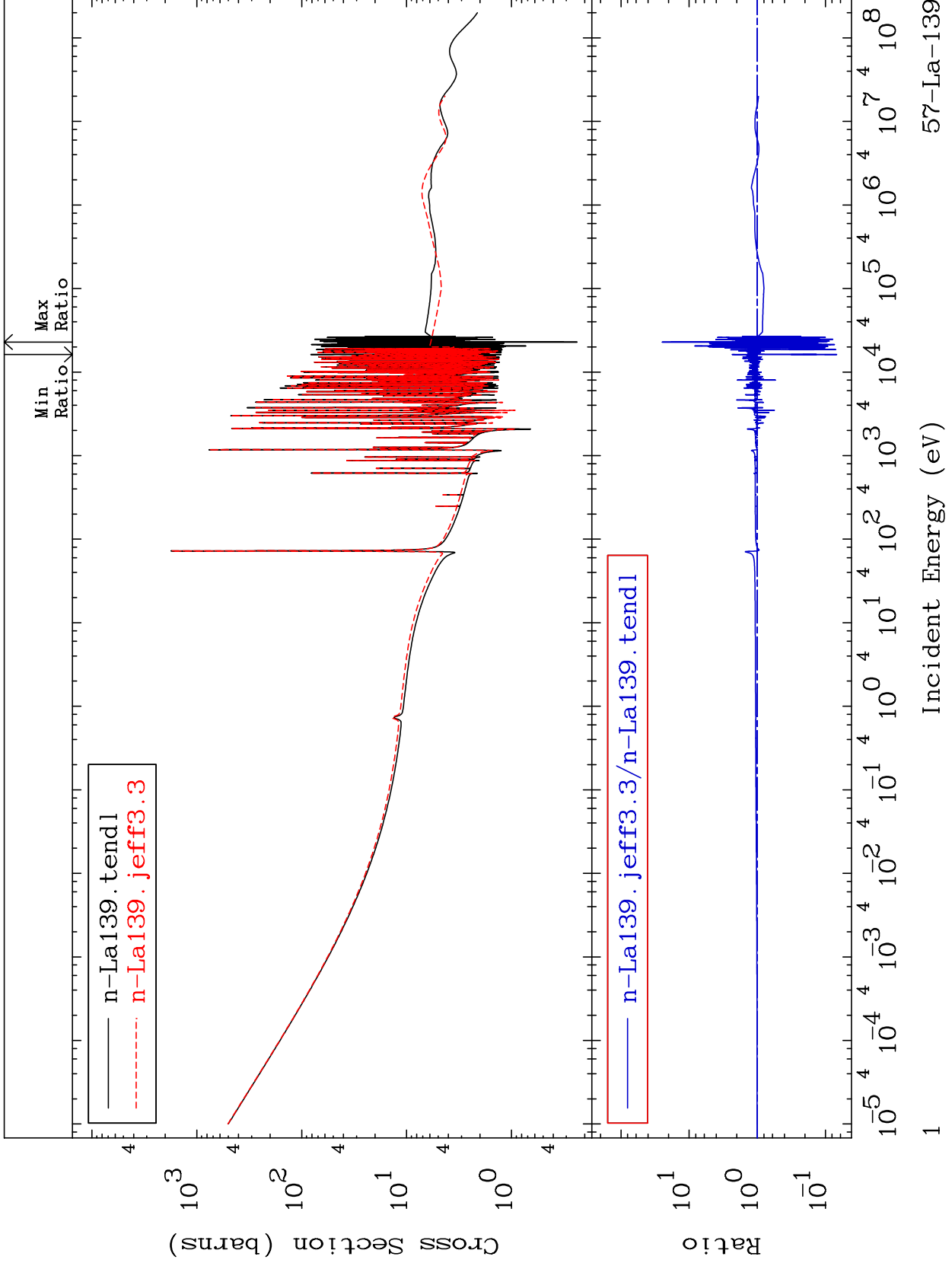


MAT 5728

Total
Cross Section

57-La-139
-93.15 To 2375. %



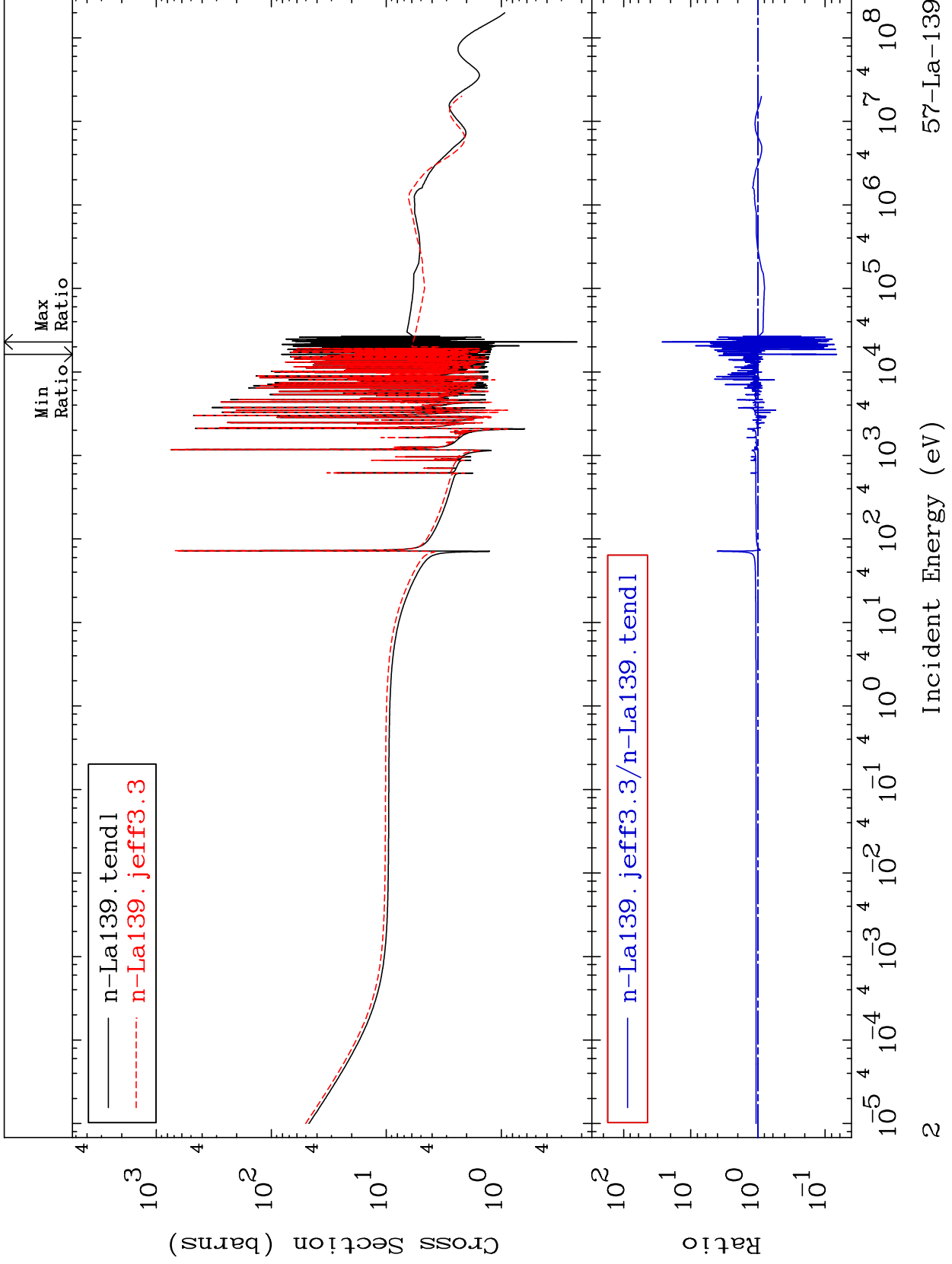
Incident Energy (eV)

57-La-139

MAT 5728

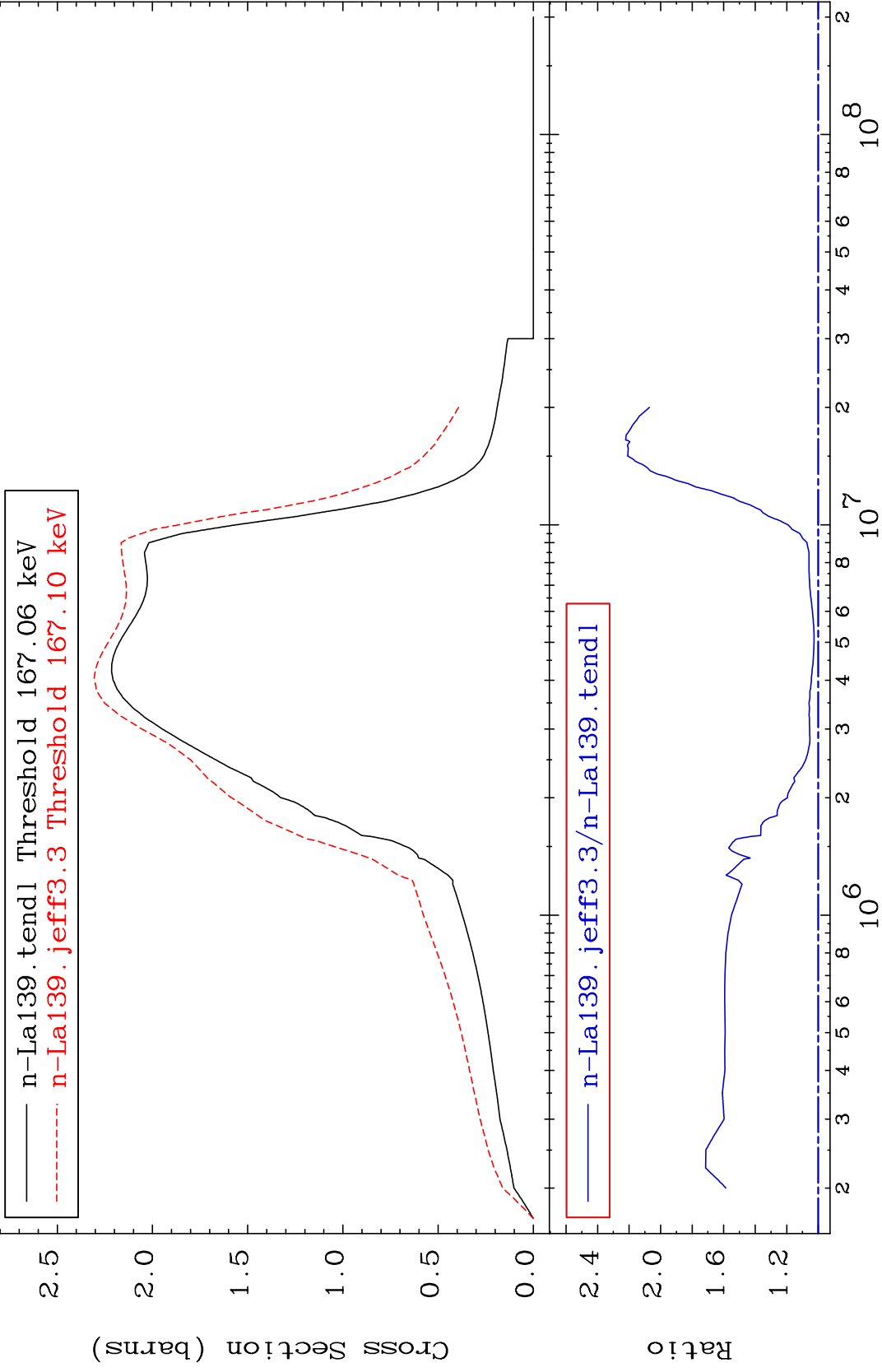
Elastic
Cross Section

57-La-139
-93.28 To 2555. %



MAT 5728

Inelastic Cross Section 57-La-139
2.676 To 122.2 %



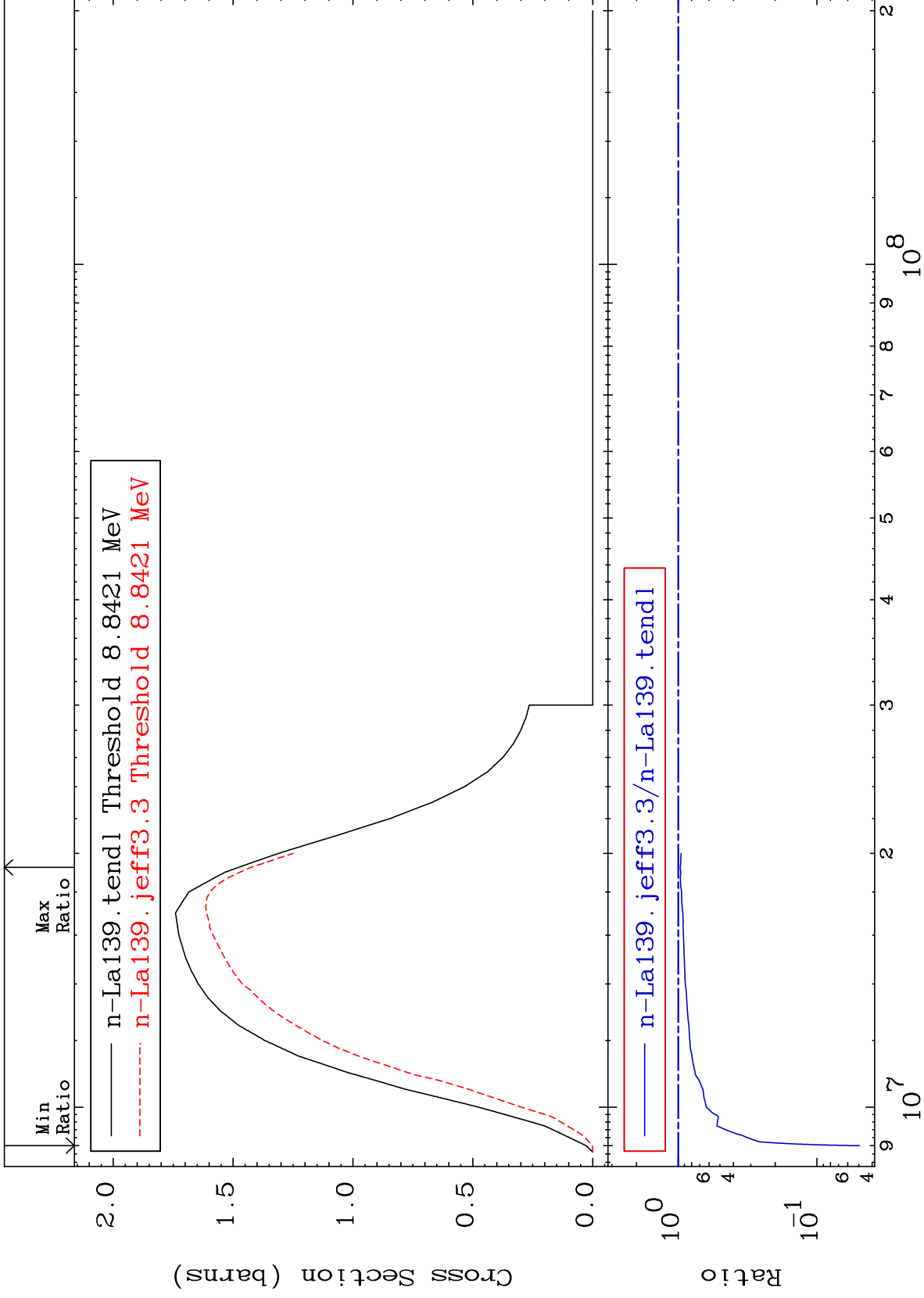
MAT 5728

(n,2n)

57-La-139

Cross Section

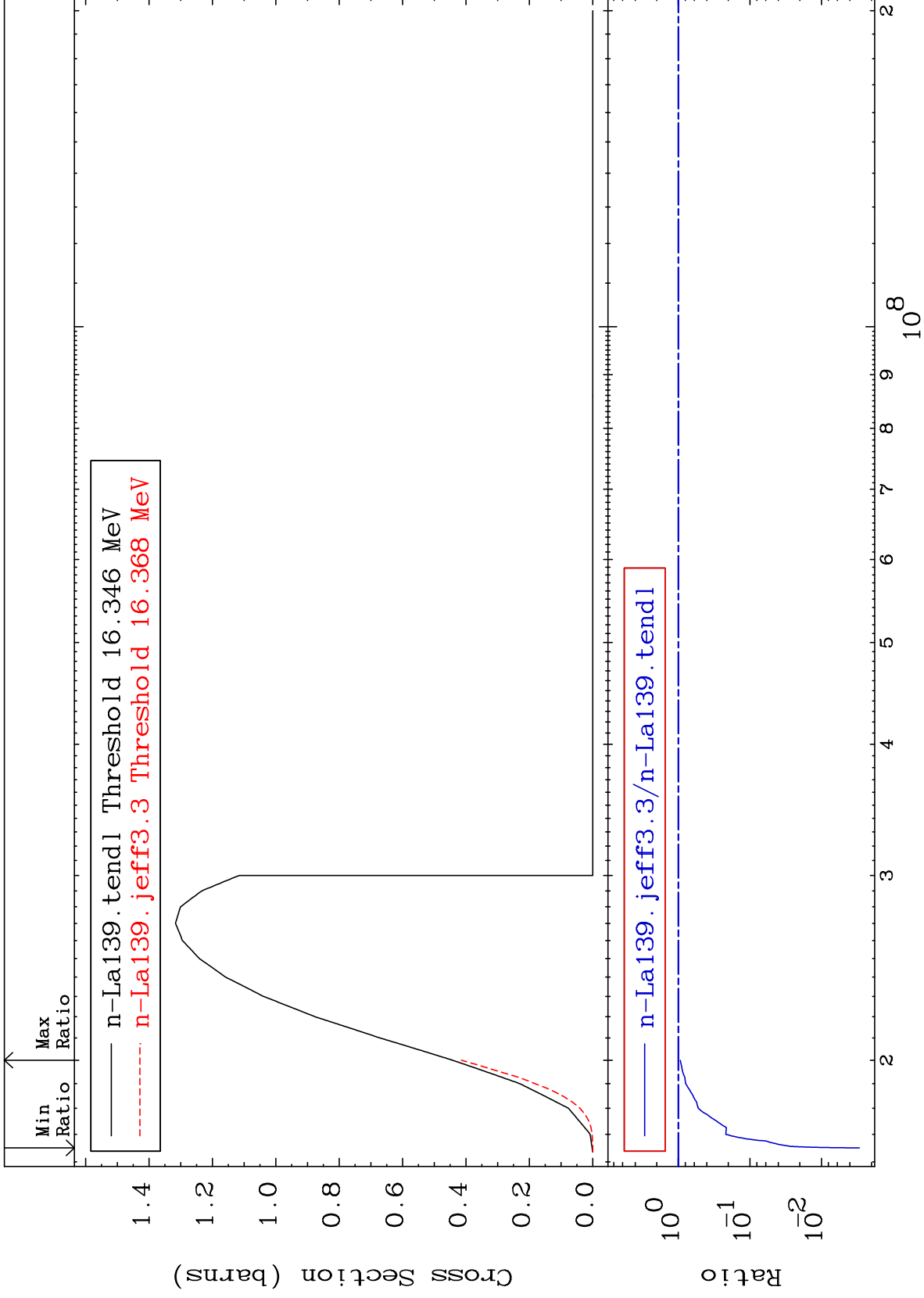
-95.06 To -3.497%

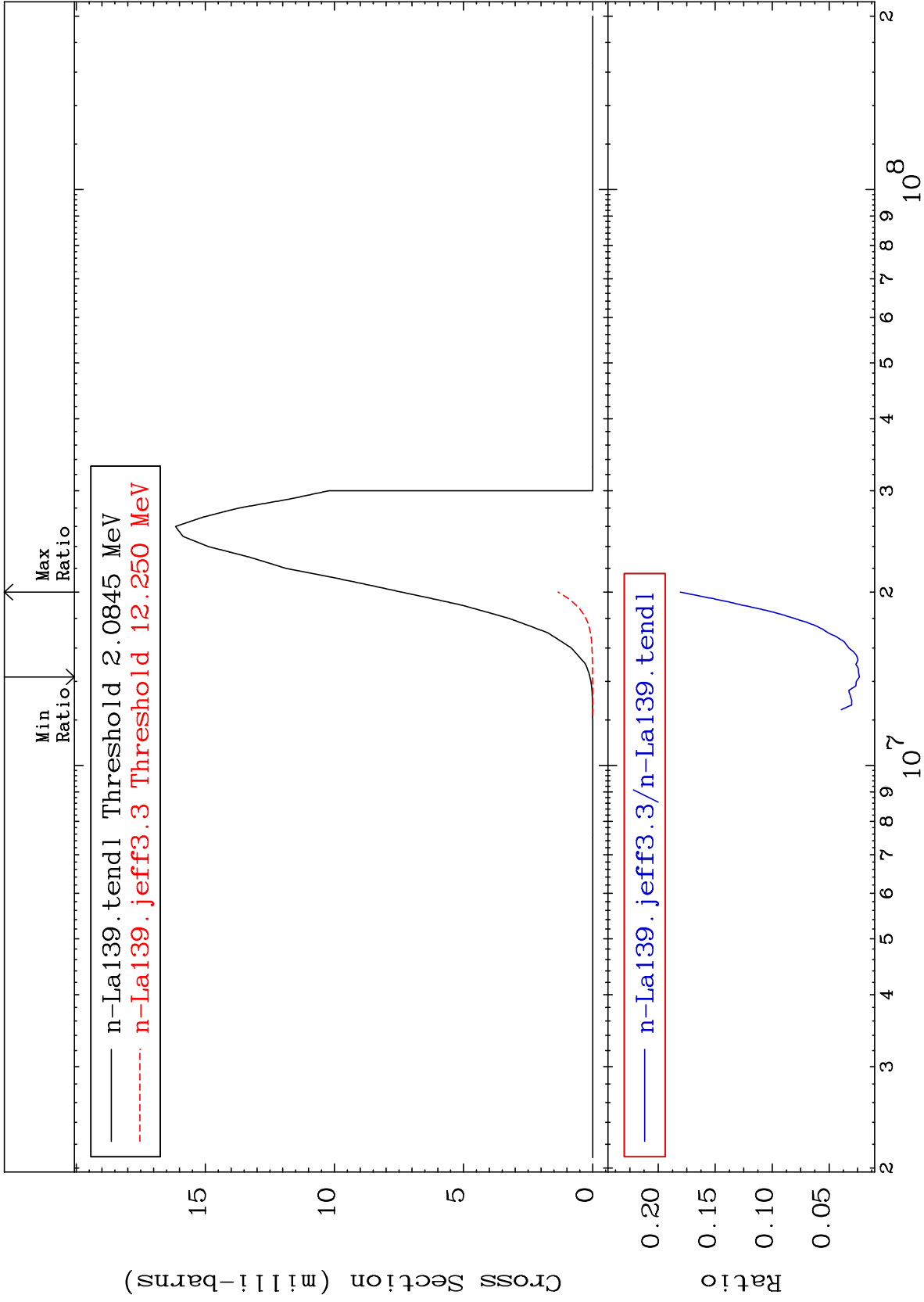


4

Incident Energy (eV)

57-La-139

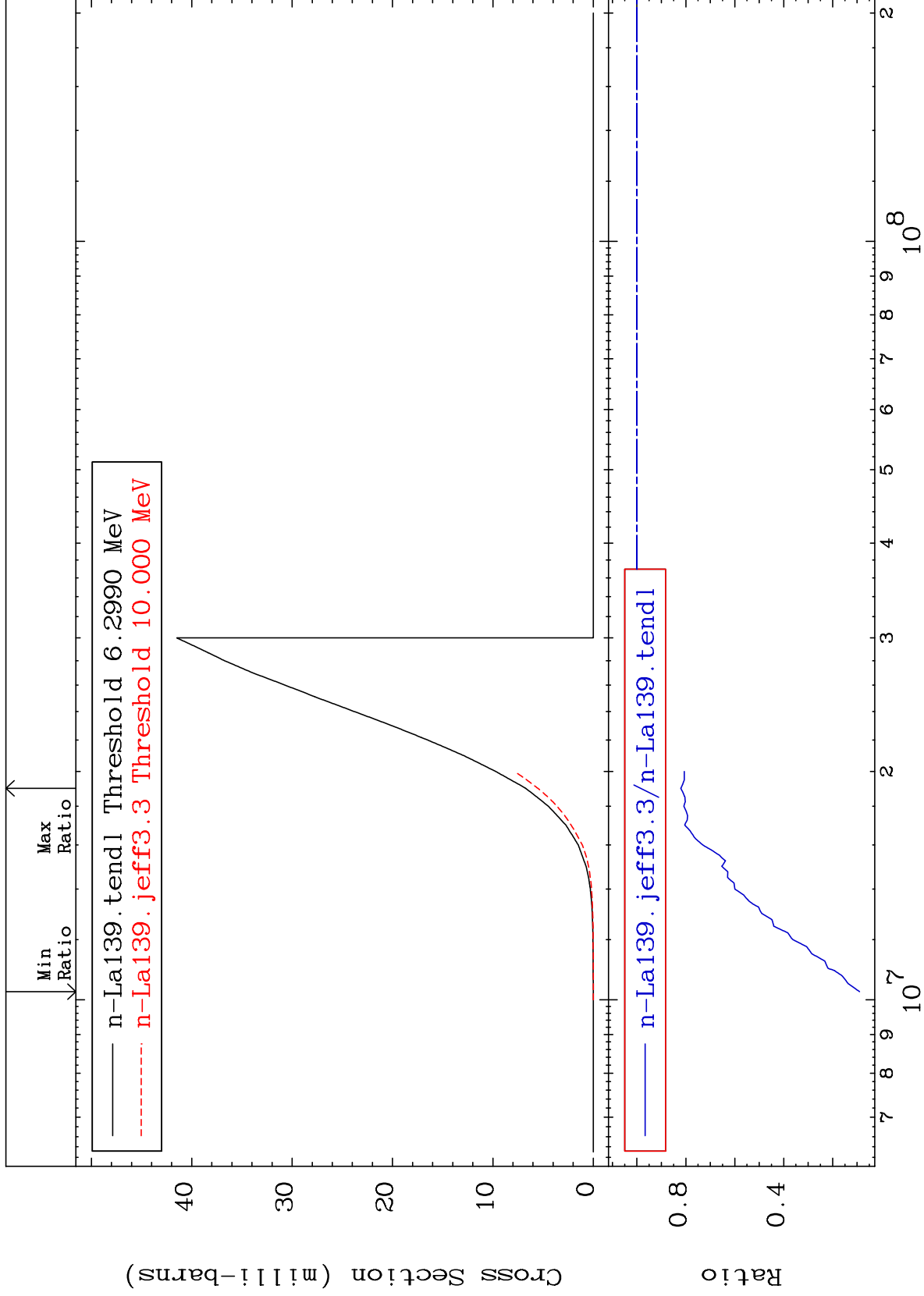




MAT 5728

(n,n') p
Cross Section

57-La-139
-90.99 To -17.93%



7

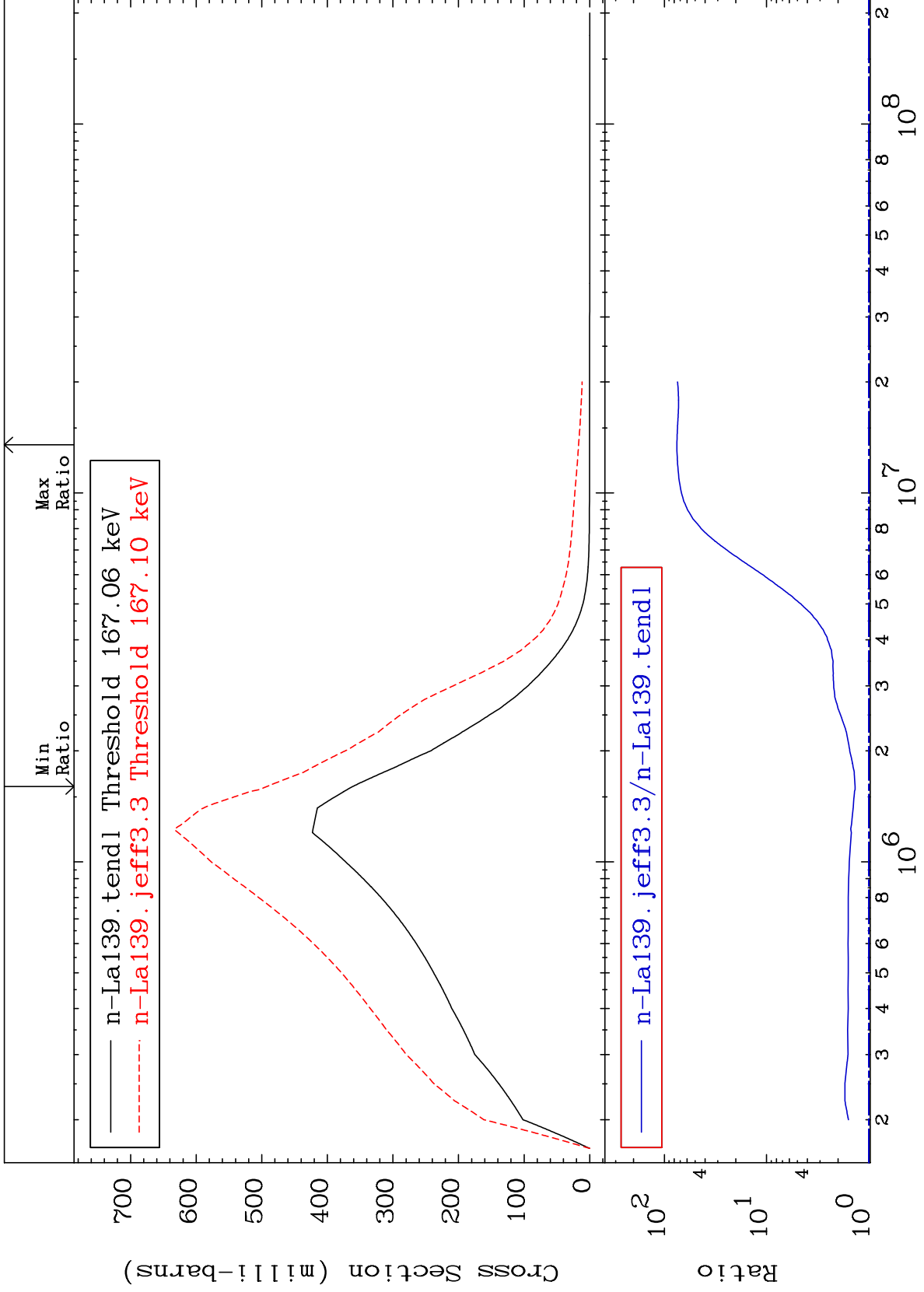
Incident Energy (eV)

57-La-139

MAT 5728

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

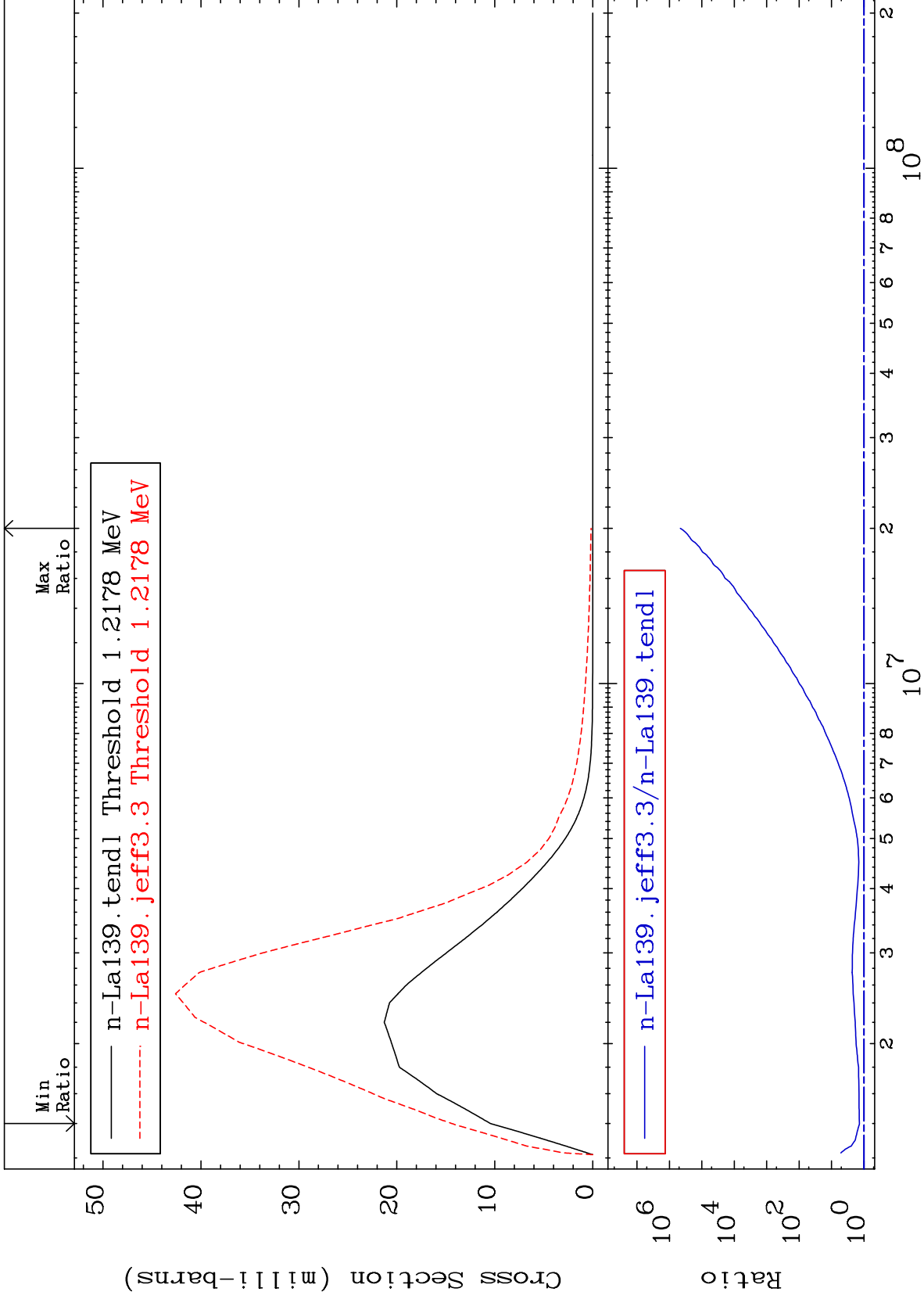
57-La-139
36.25 To 7435. %



MAT 5728

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

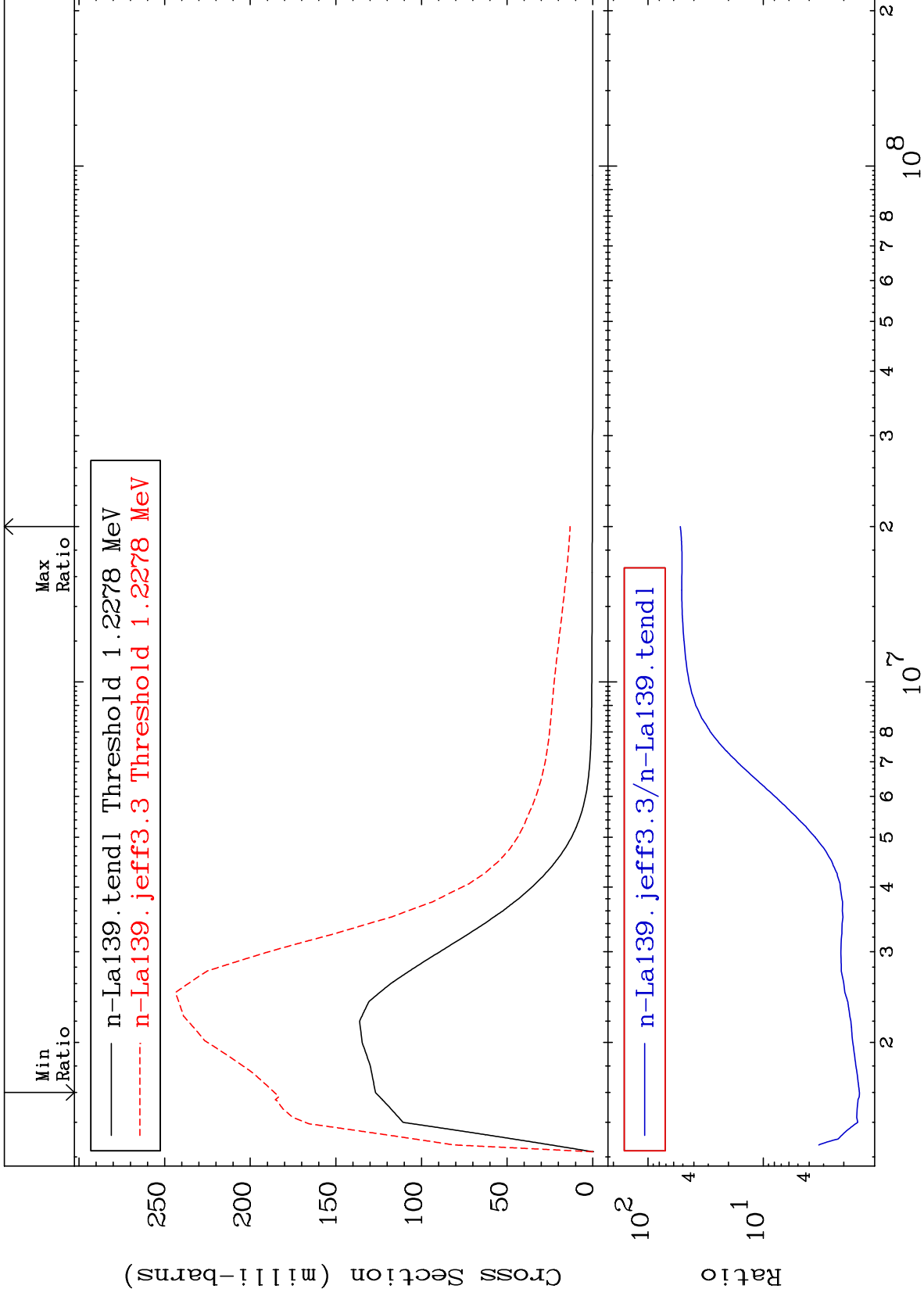
57-La-139
37.67 To 9999. %



MAT 5728

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

57-La-139
46.48 To 5141. %



10

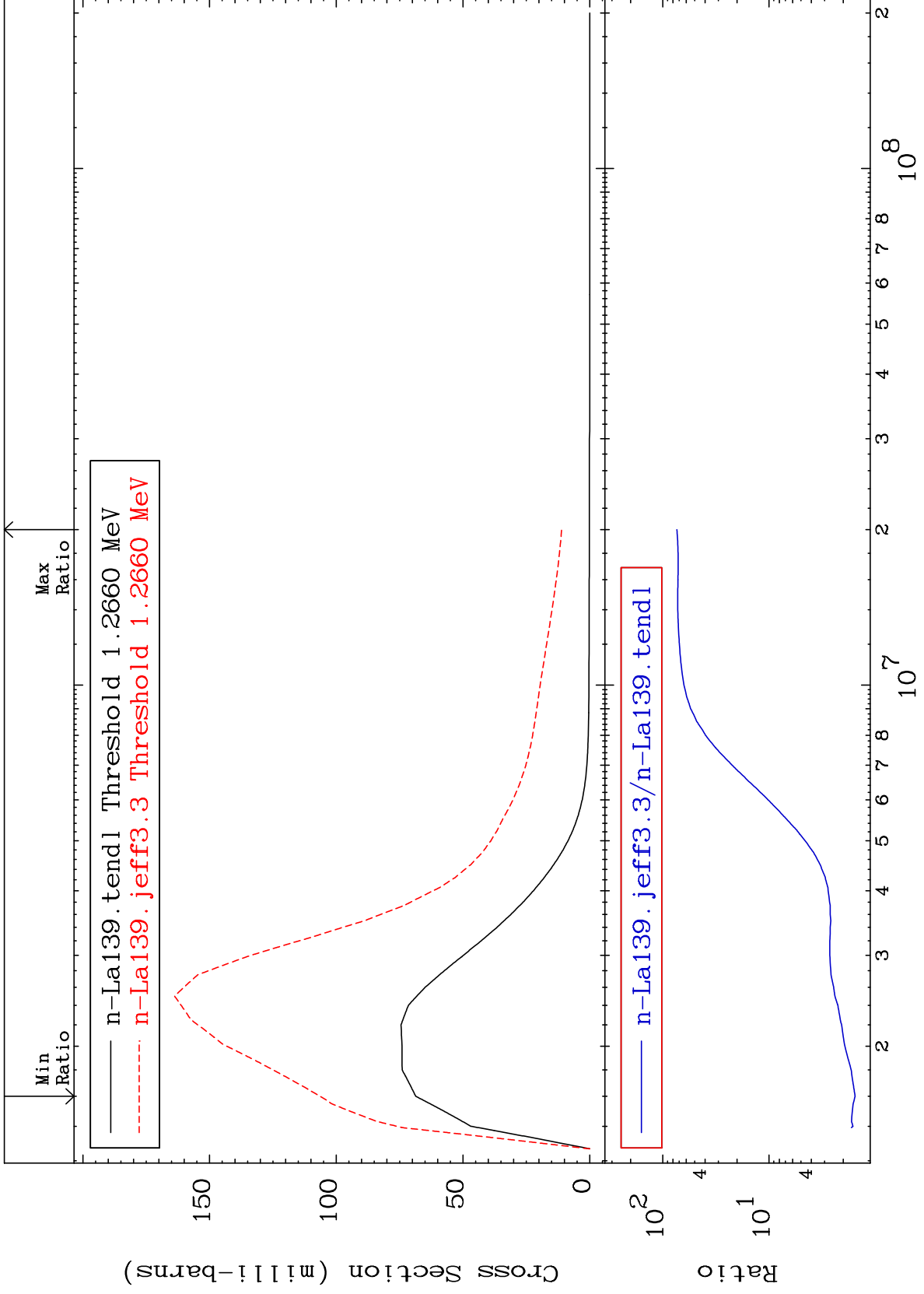
Incident Energy (eV)

57-La-139

MAT 5728

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

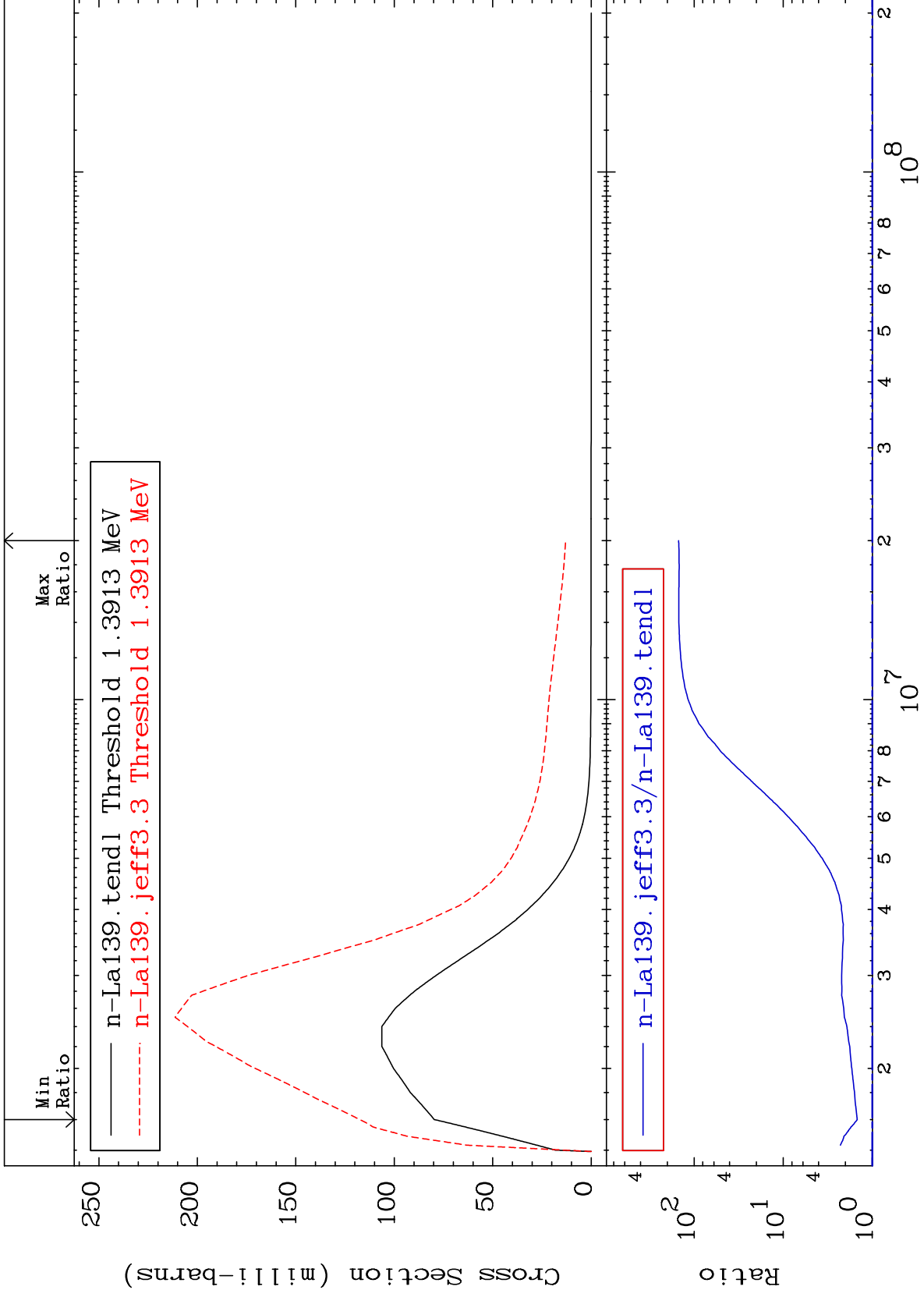
57-La-139
54.93 To 7247. %



MAT 5728

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

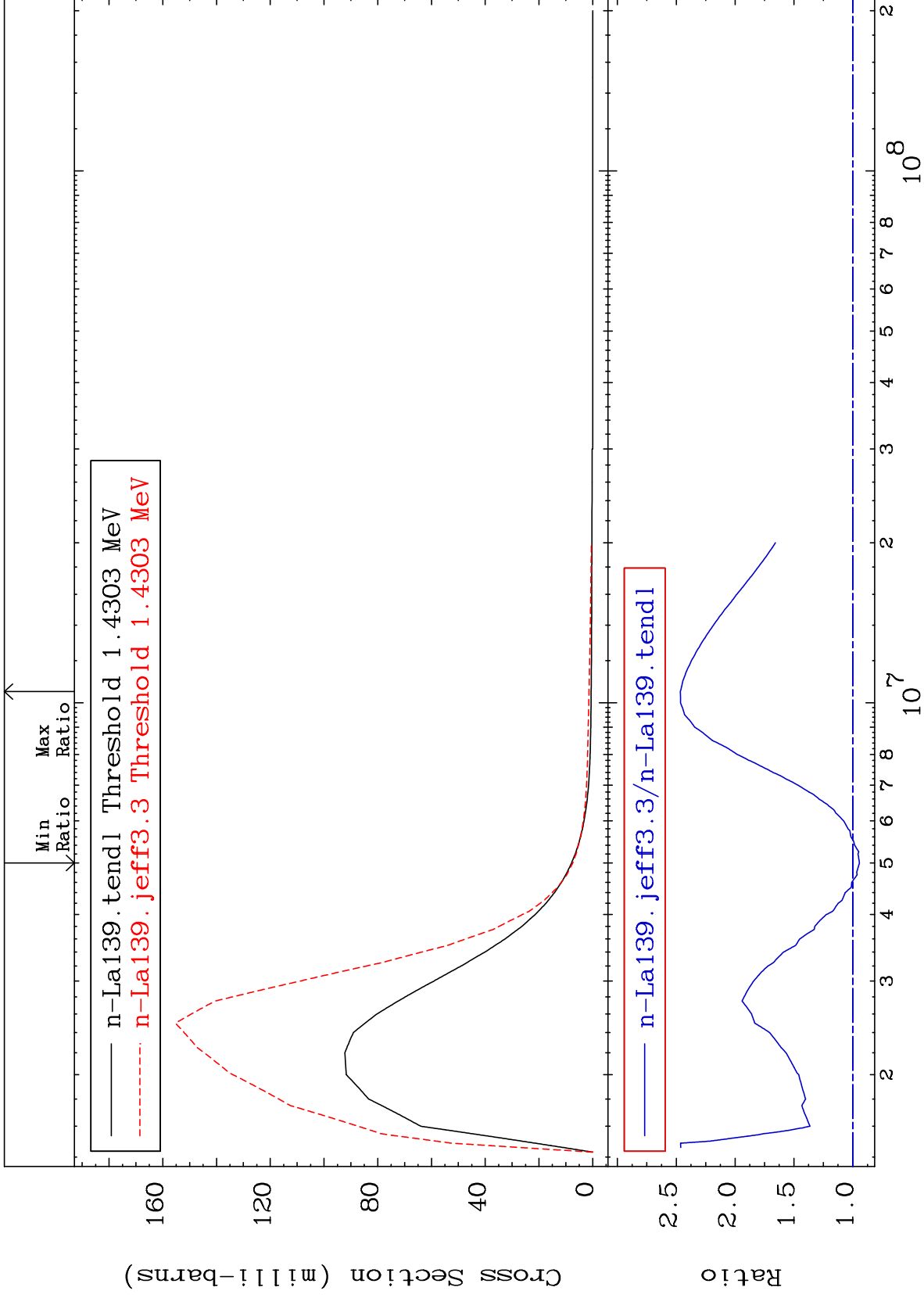
57-La-139
47.54 To 9999. %



MAT 5728

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

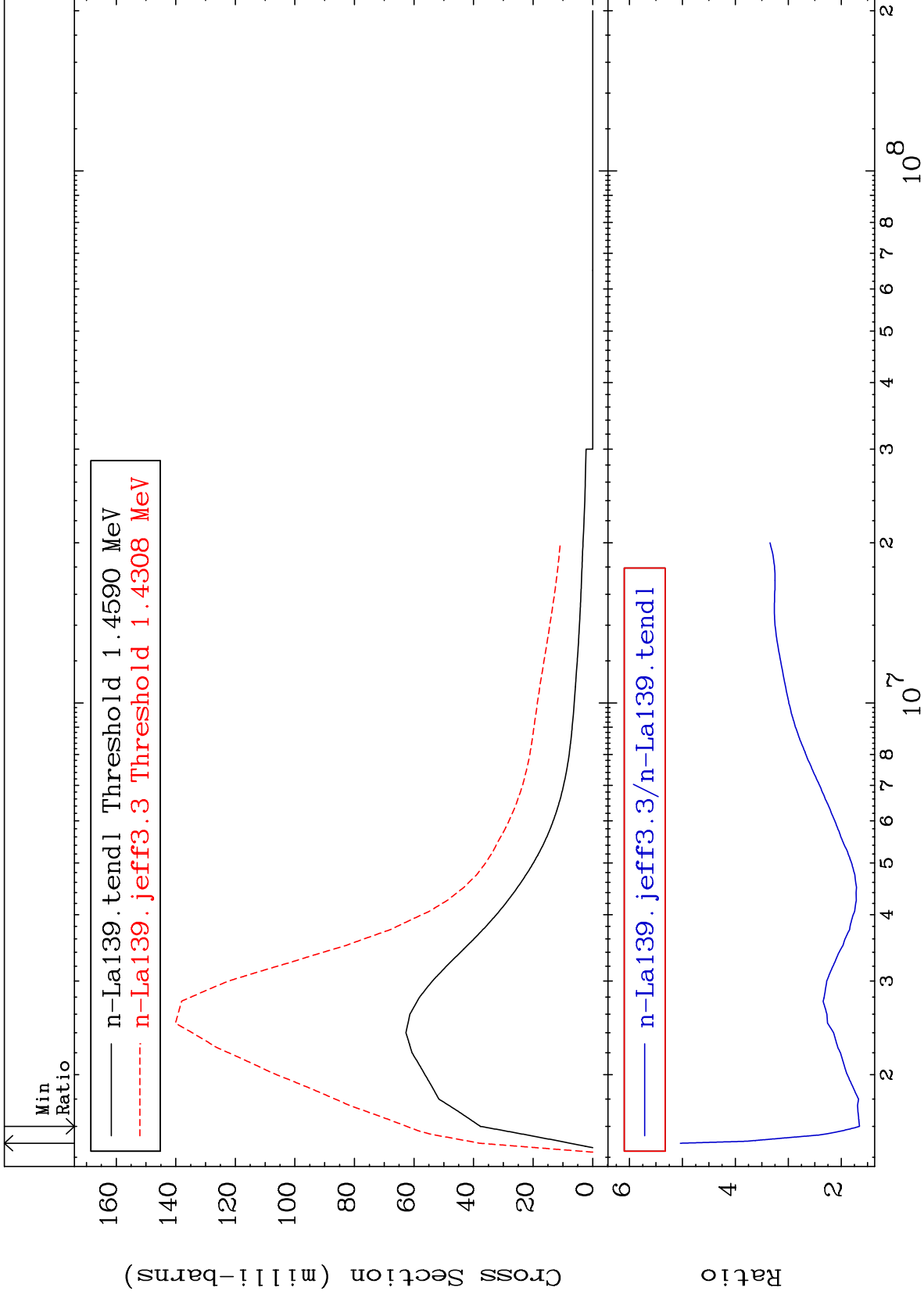
57-La-139
-5.668 To 146.5 %



MAT 5728

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

57-La-139
65.53 To 403.9 %



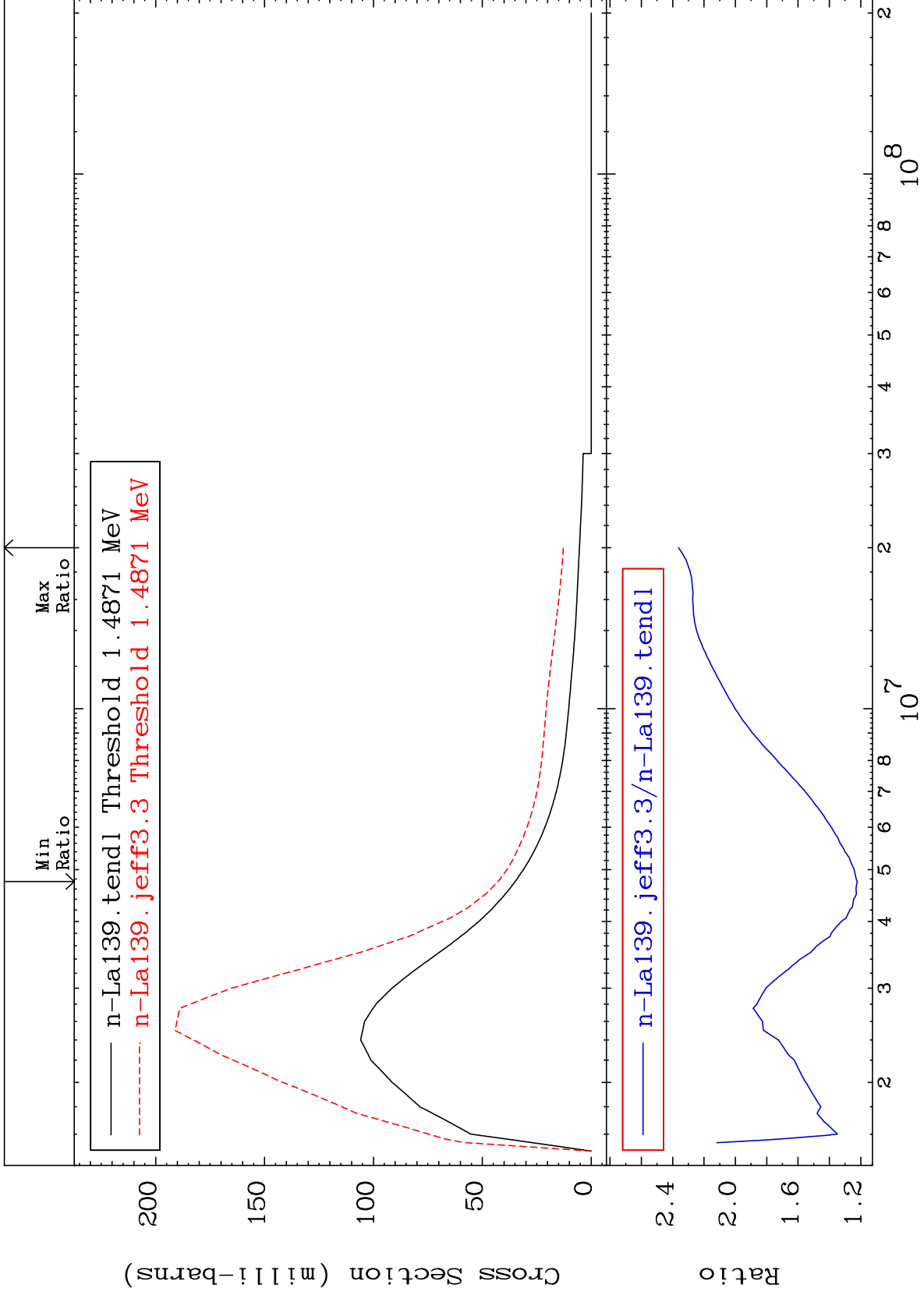
14

57-La-139

MAT 5728

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

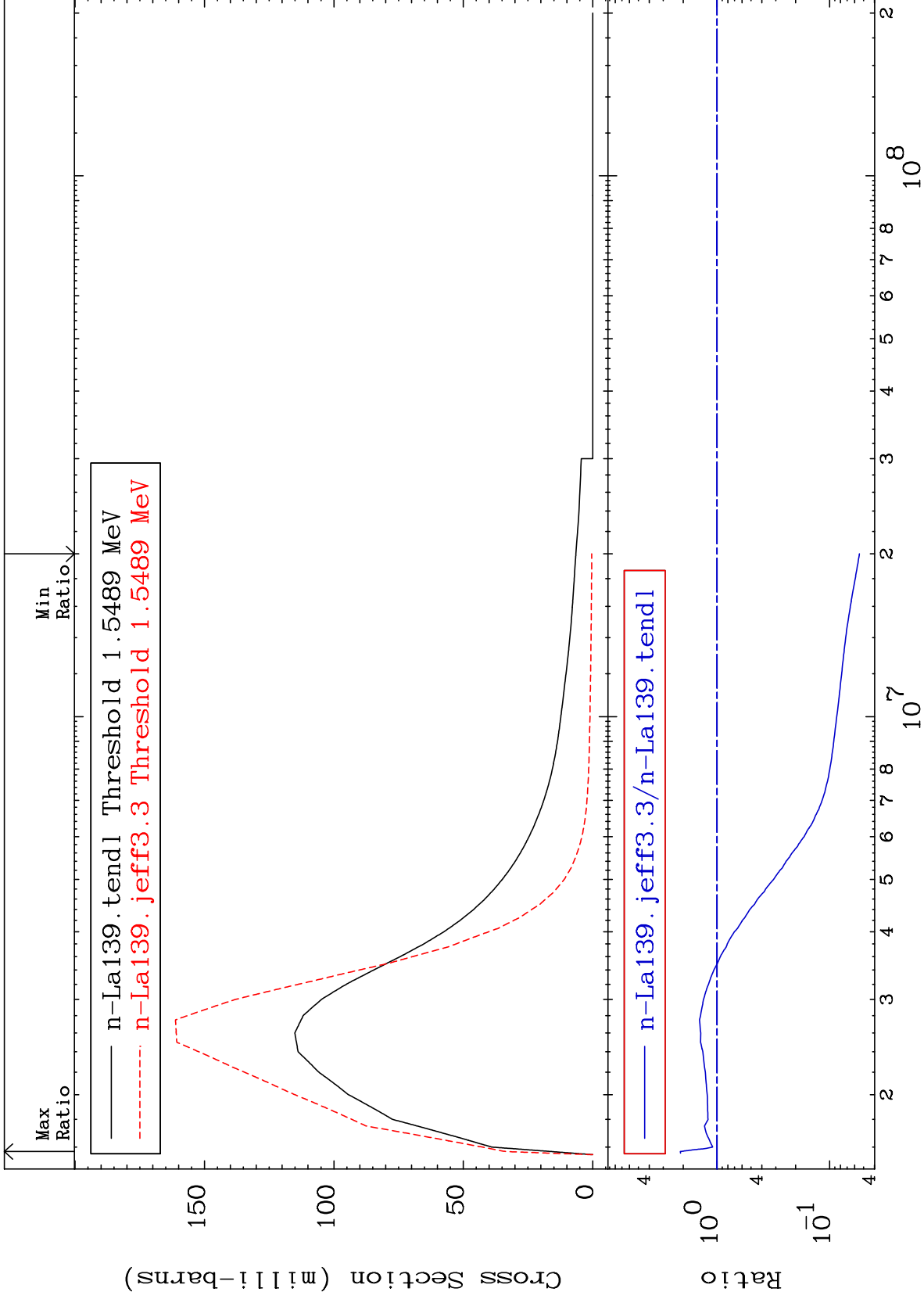
57-La-139
22.23 To 136.2 %



MAT 5728

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

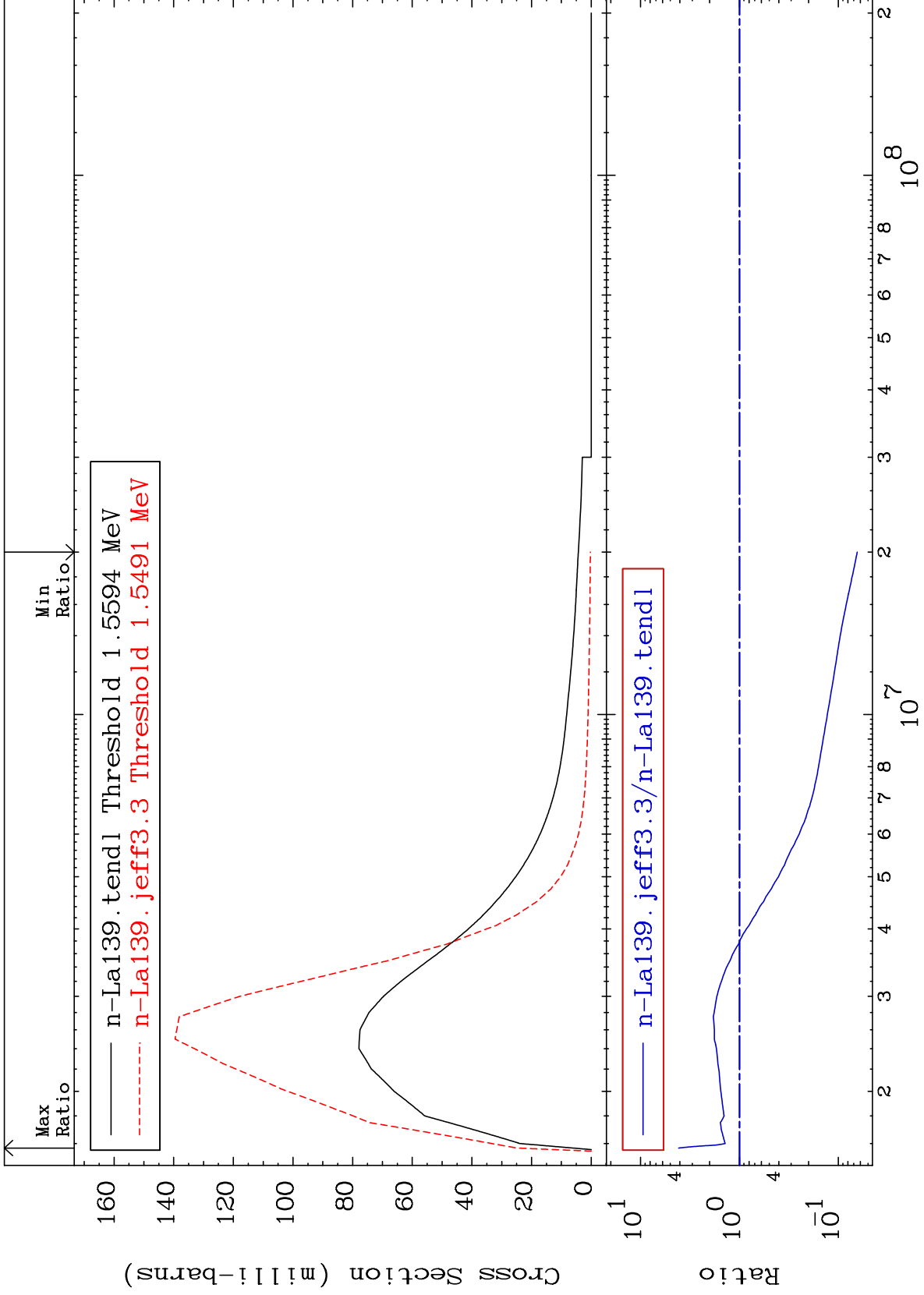
57-La-139
-94.57 To 111.7 %



MAT 5728

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

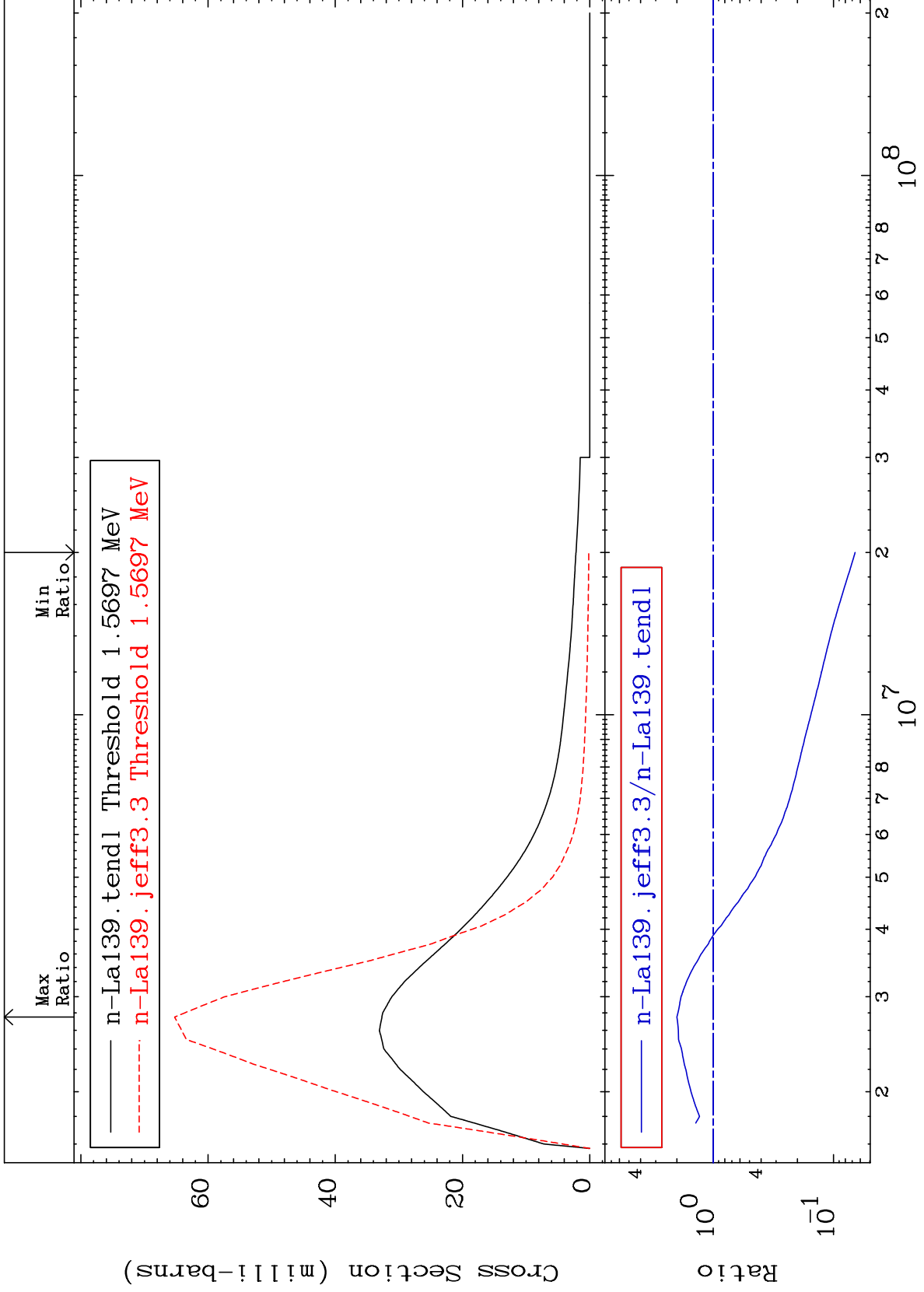
57-La-139
-93.56 To 312.0 %



MAT 5728

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

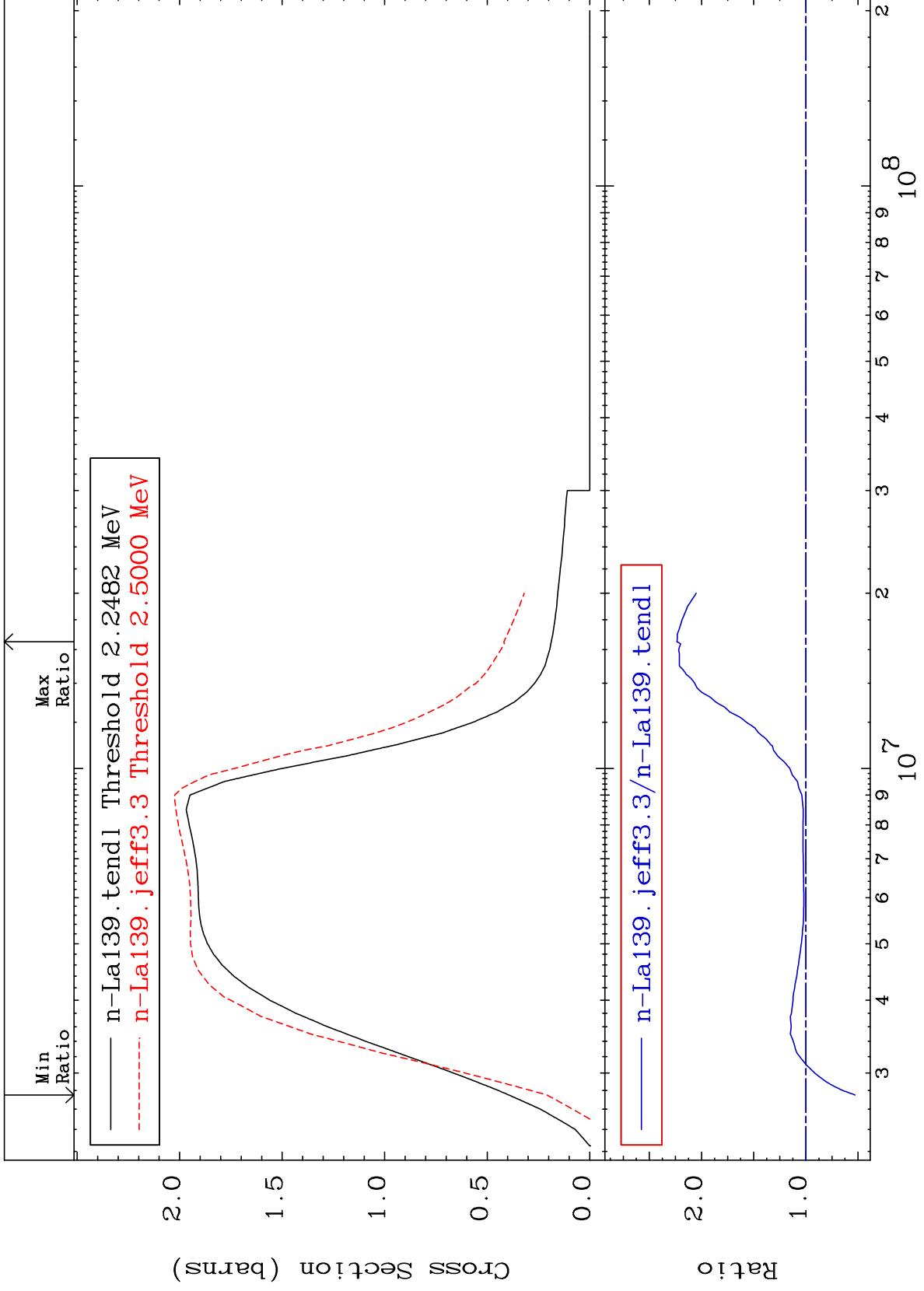
57-La-139
-93.37 To 99.77 %



MAT 5728

(n, n') Continuum
Cross Section

57-La-139
-47.16 To 123.6 %



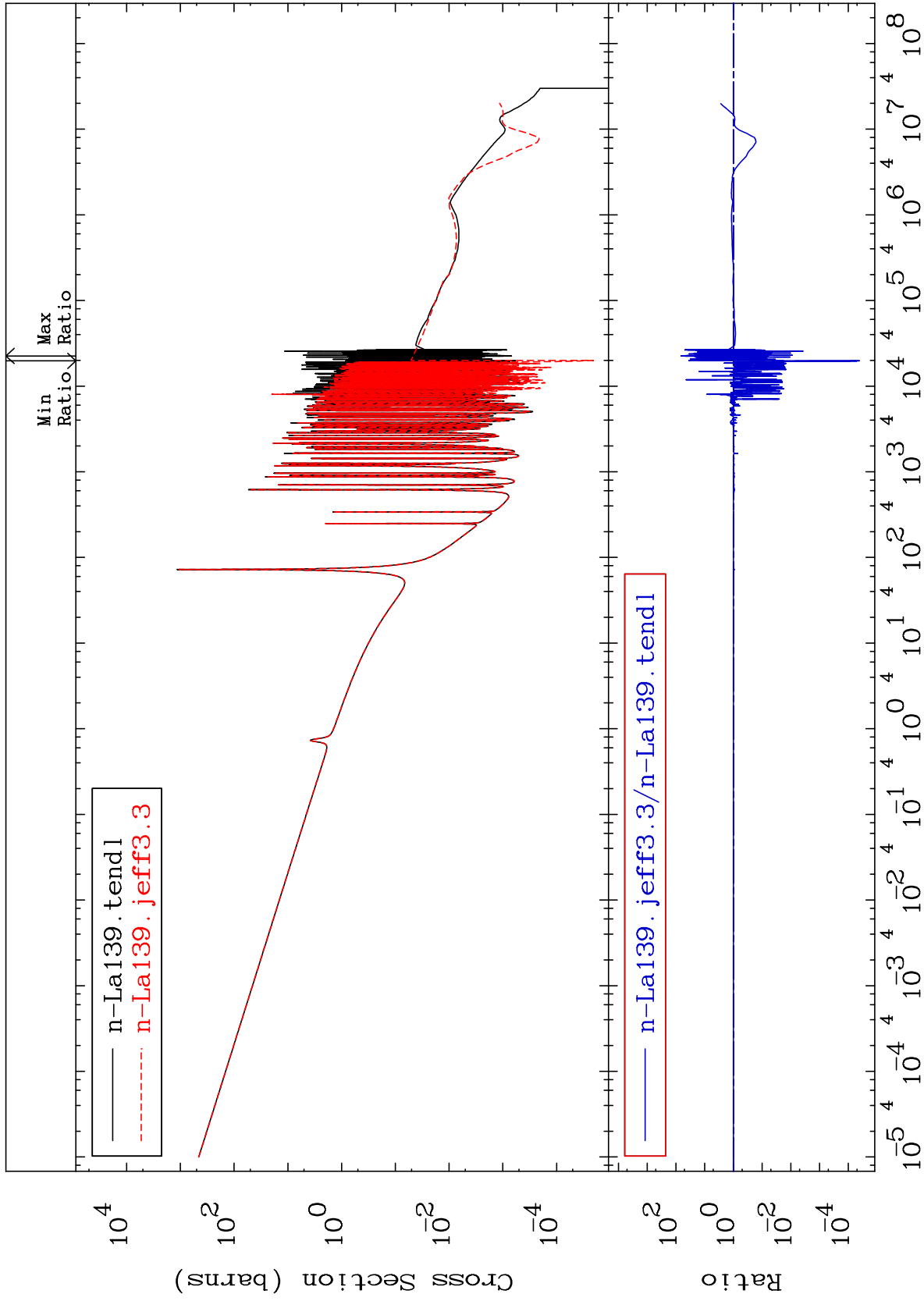
MAT 5728

(n, γ)

57-La-139

Cross Section

-100.0 To 6660. %



20

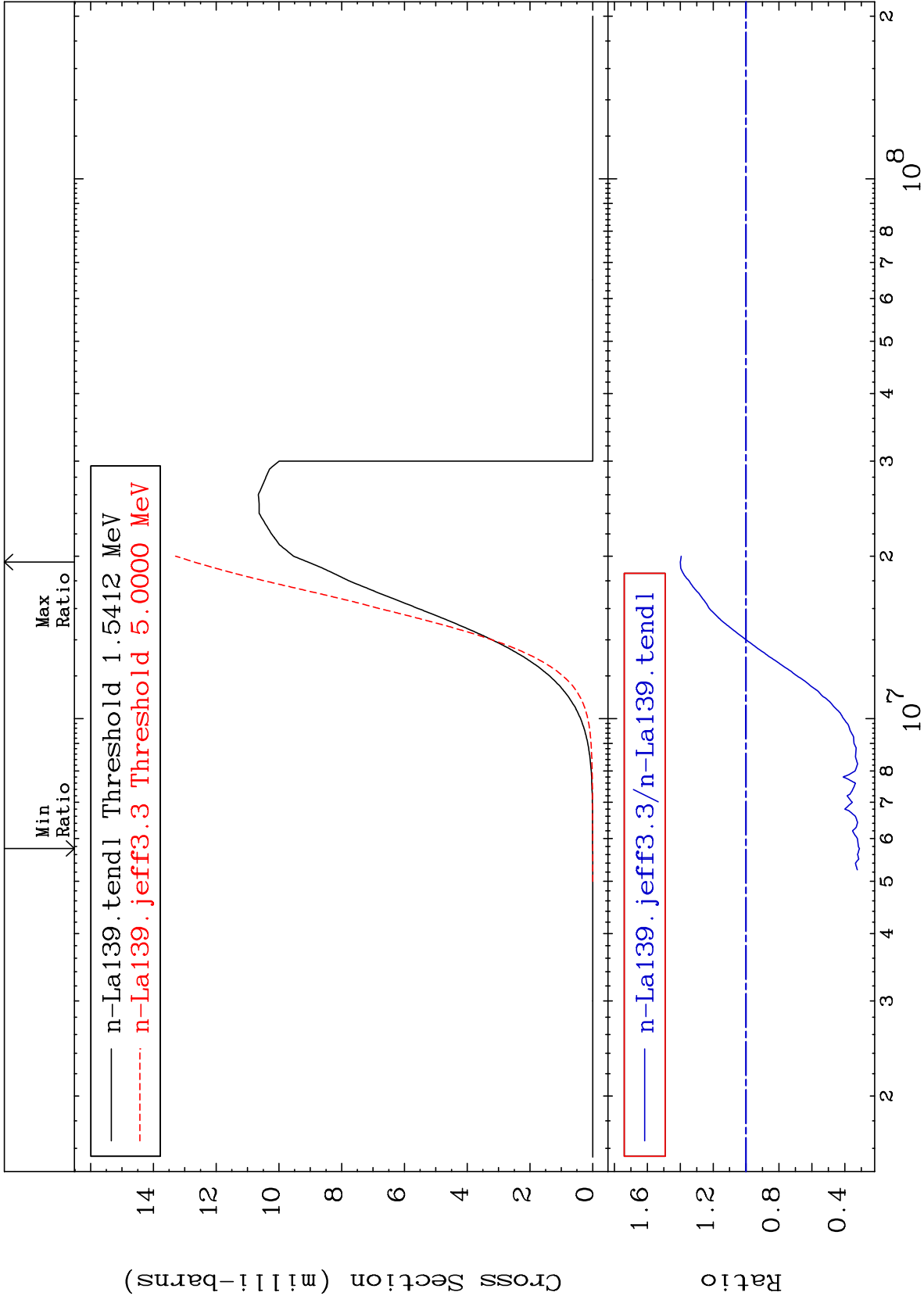
Incident Energy (eV)

57-La-139

MAT 5728

(n, p)
Cross Section

57-La-139
-68.88 To 39.93 %



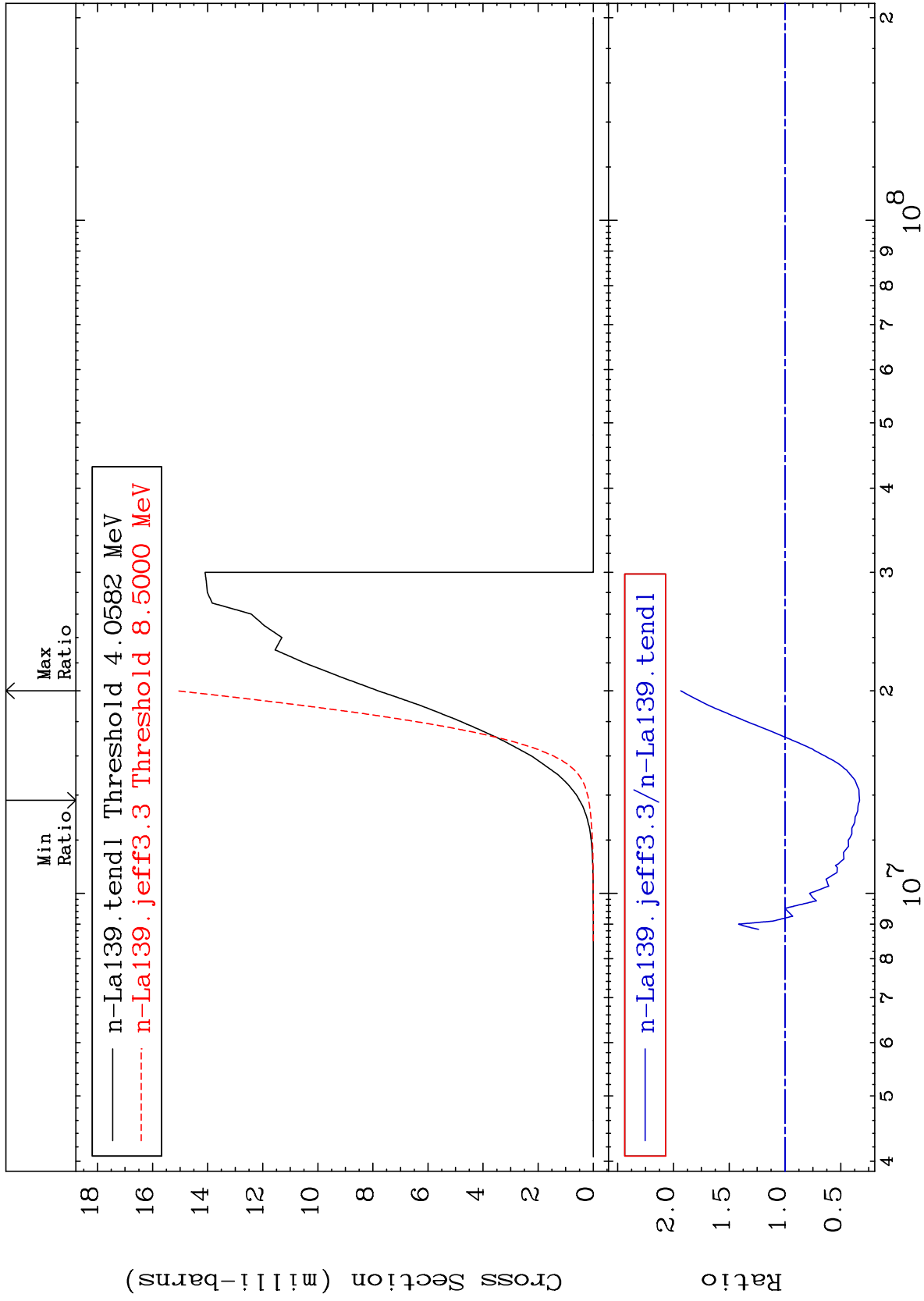
MAT 5728

(n, d)

57-La-139

Cross Section

-66.71 To 93.44 %



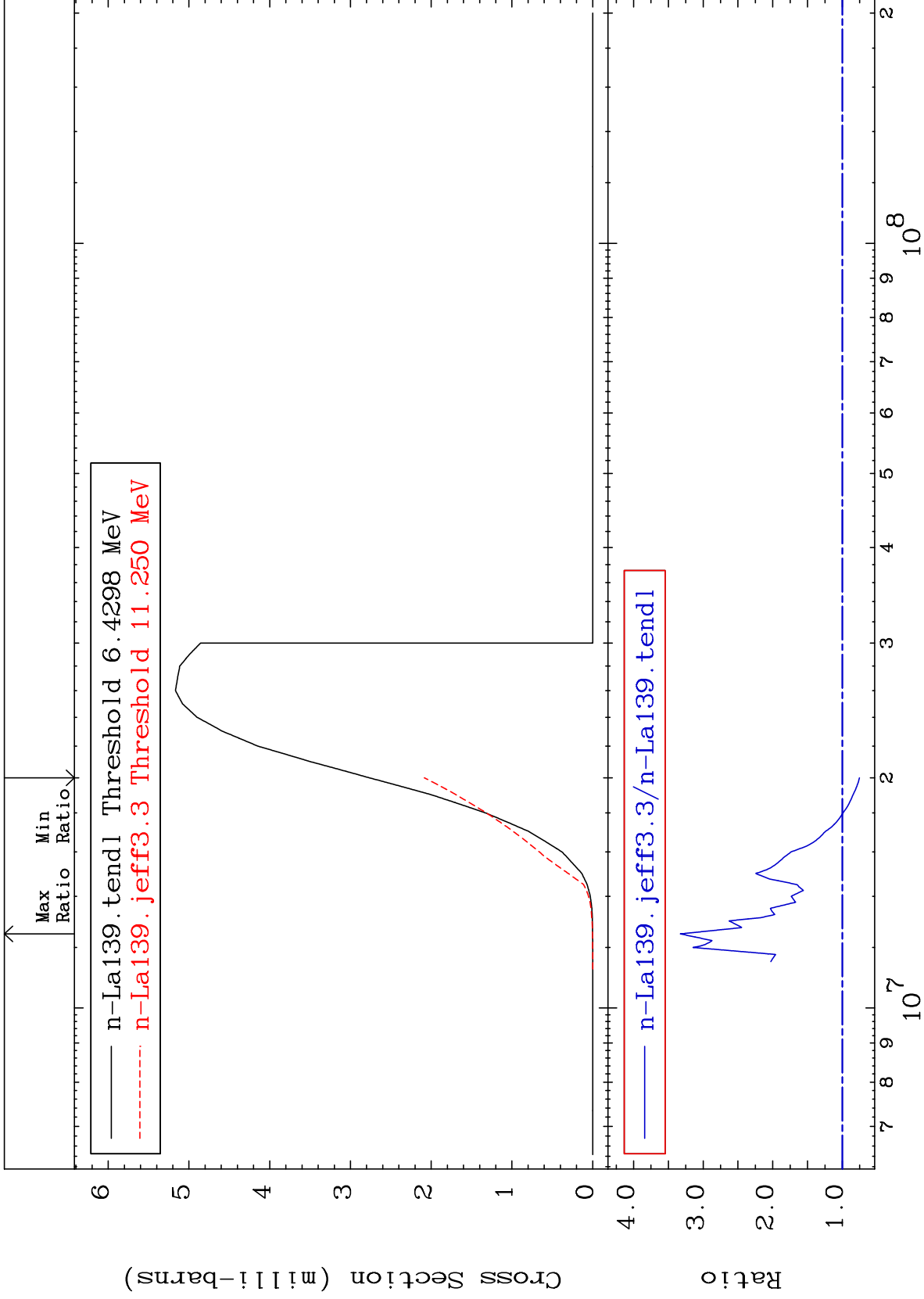
MAT 5728

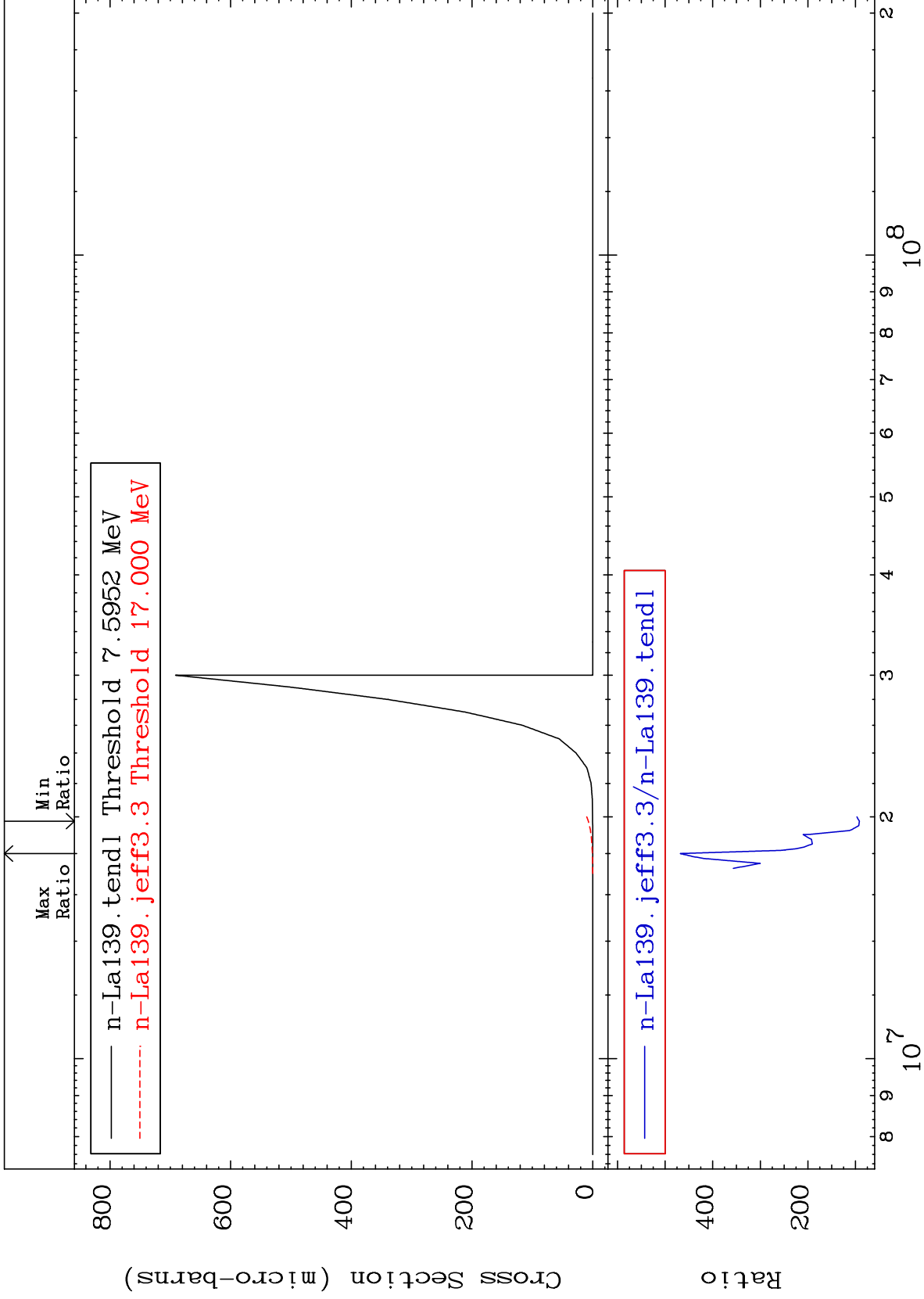
(n, t)

57-La-139

Cross Section

-24.57 To 232.8 %

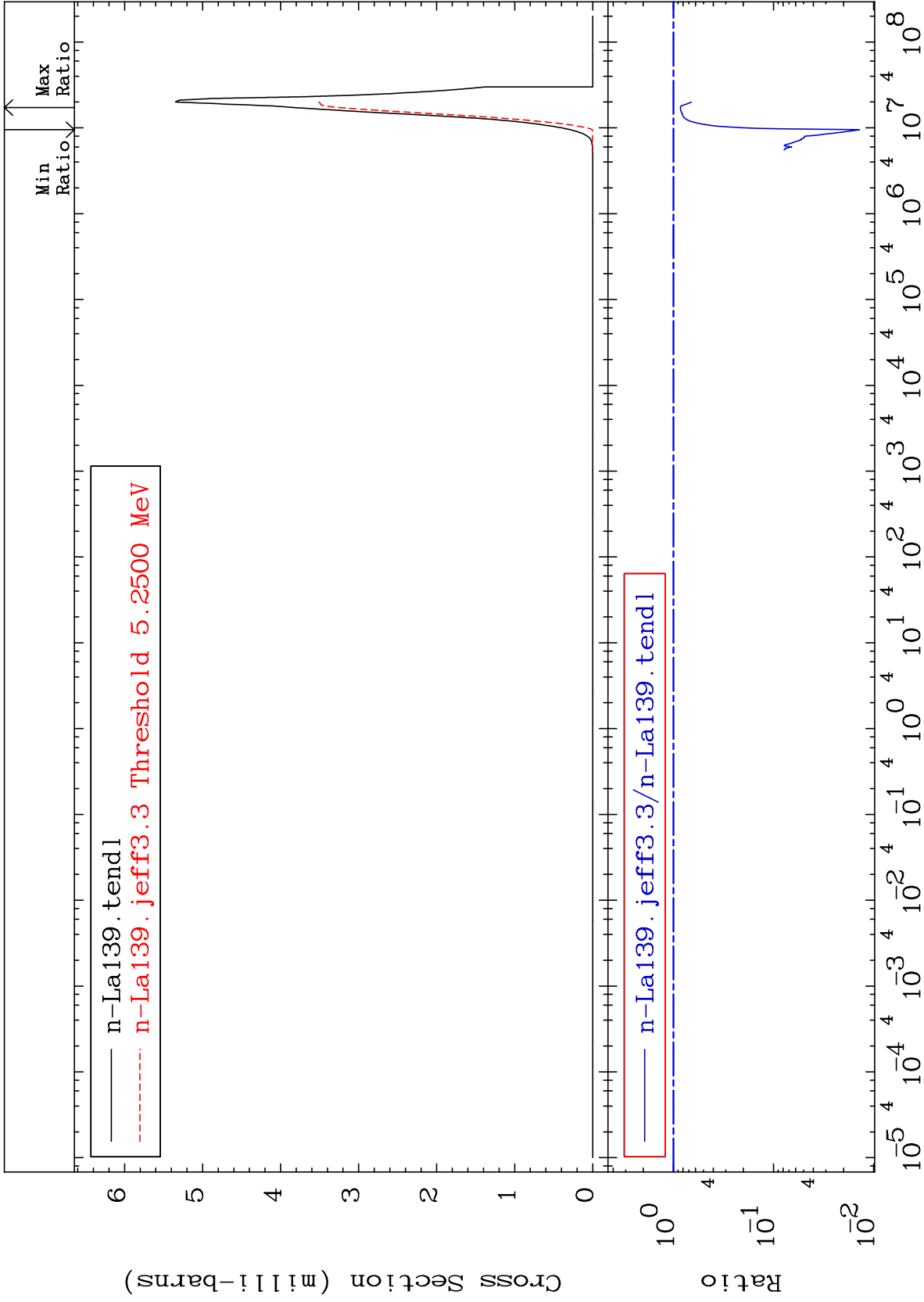


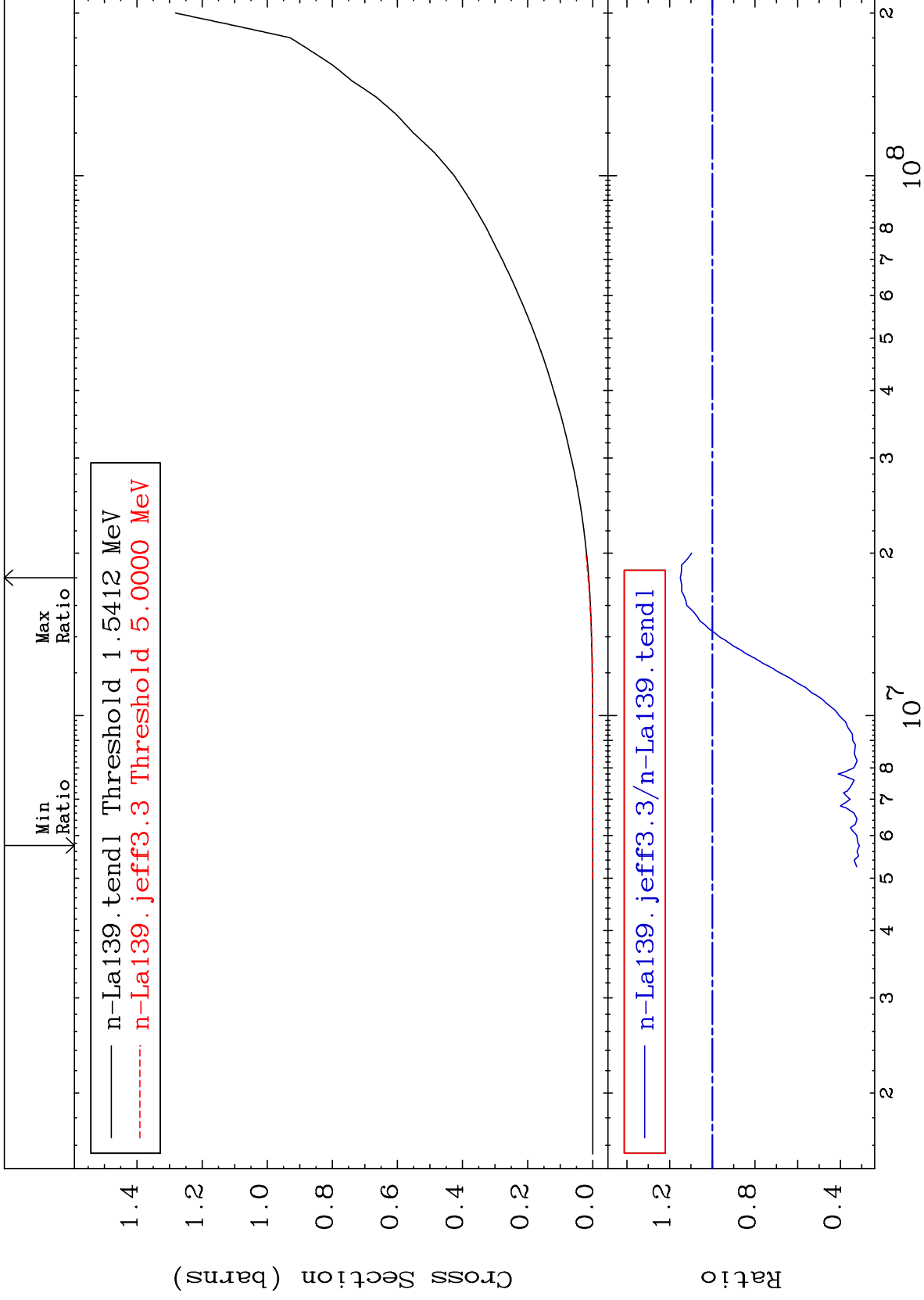


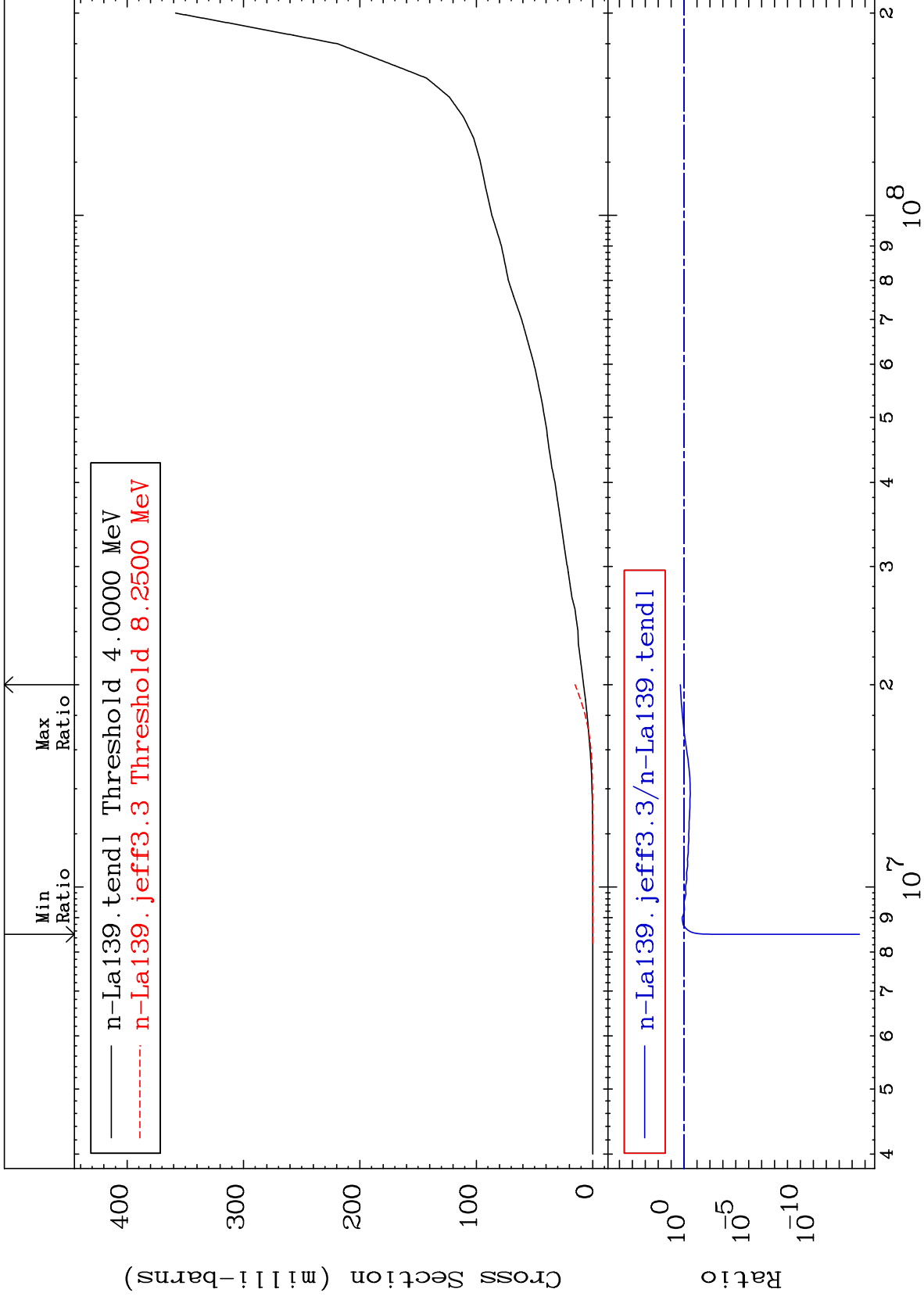
MAT 5728

(n, α)
Cross Section

57-La-139
-98.61 To -14.87%



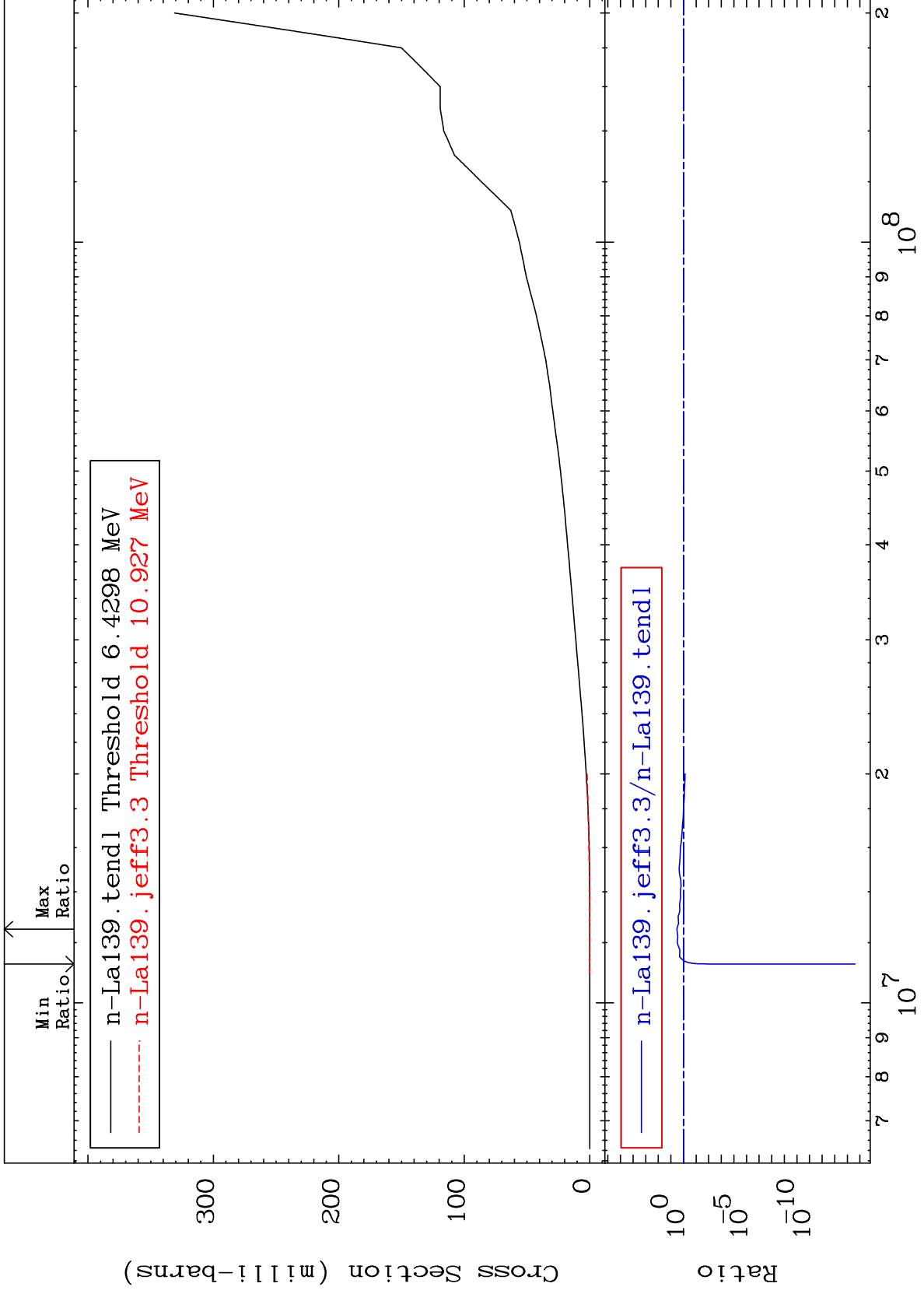




MAT 5728

Tritium Production
Cross Section

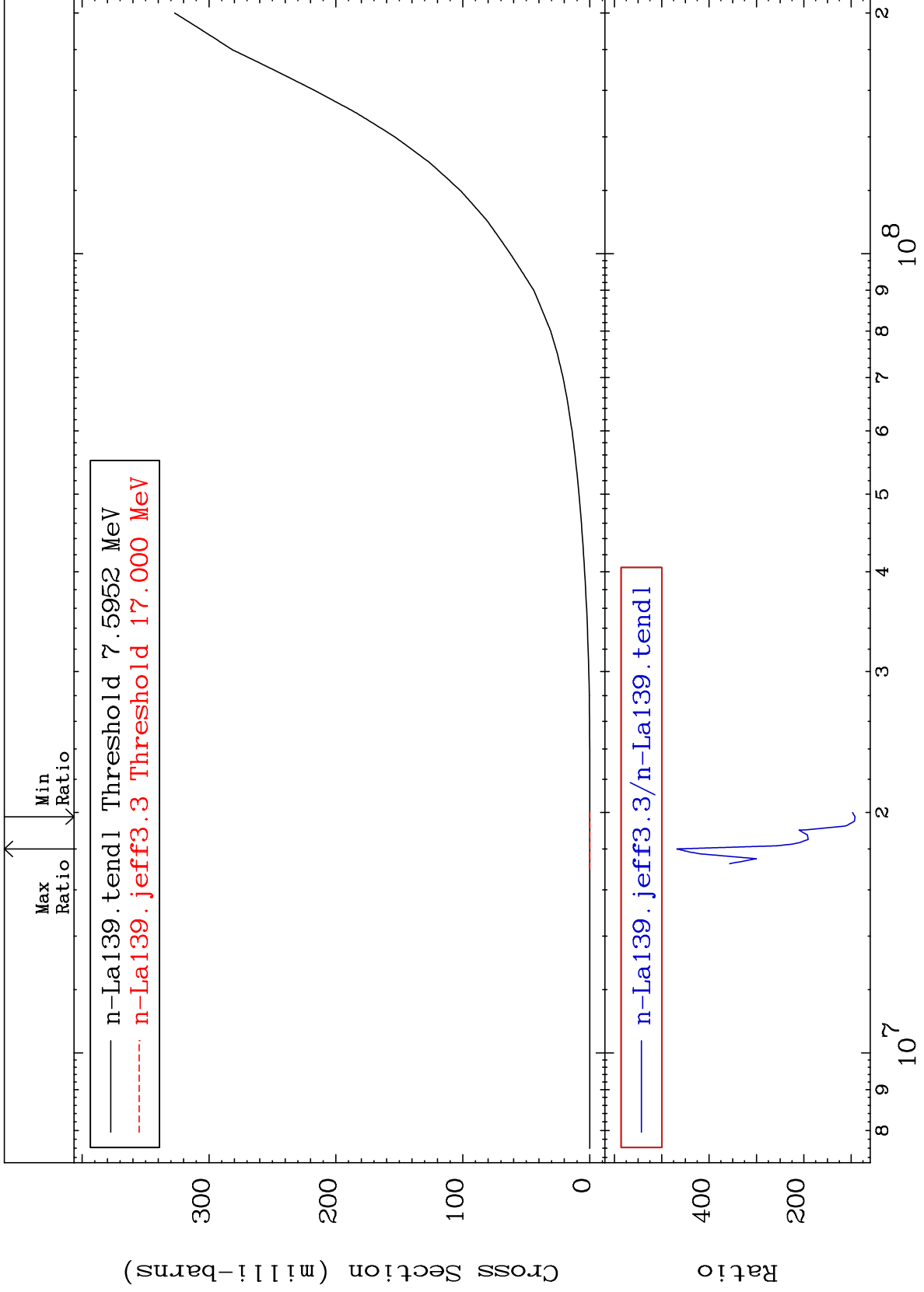
57-La-139
-100.0 To 232.8 %



MAT 5728

He-3 Production
Cross Section

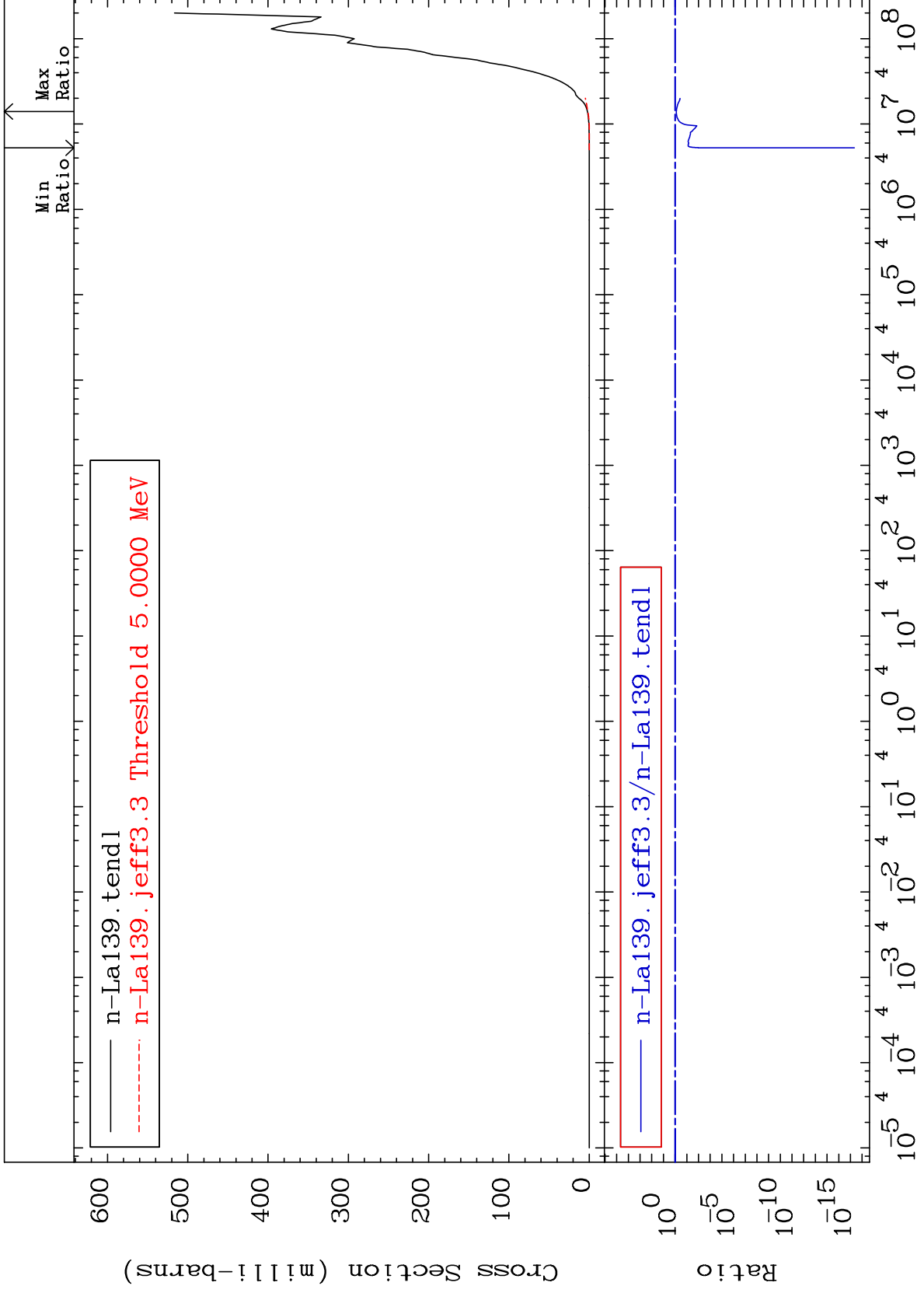
57-La-139
To 9999. %

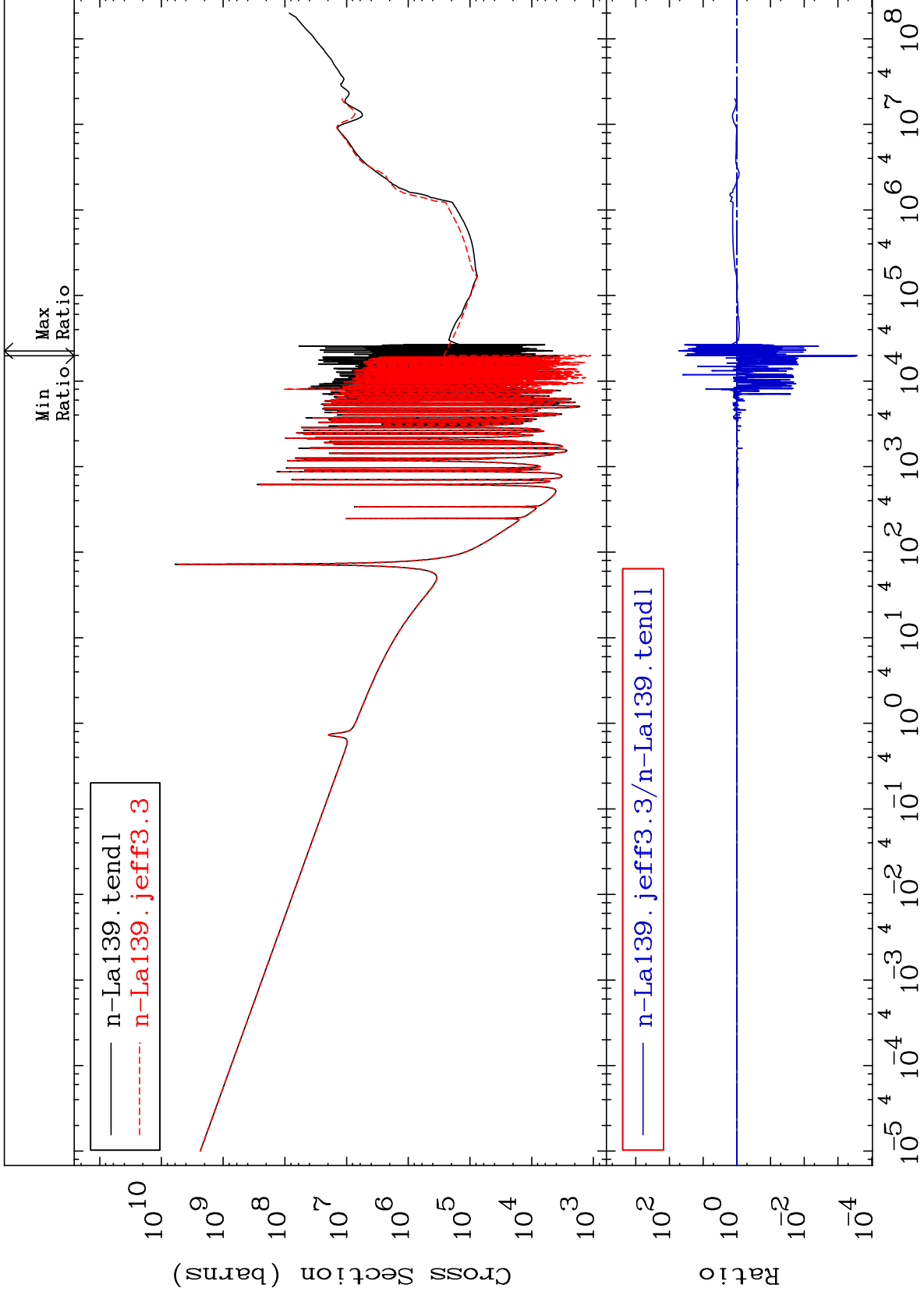


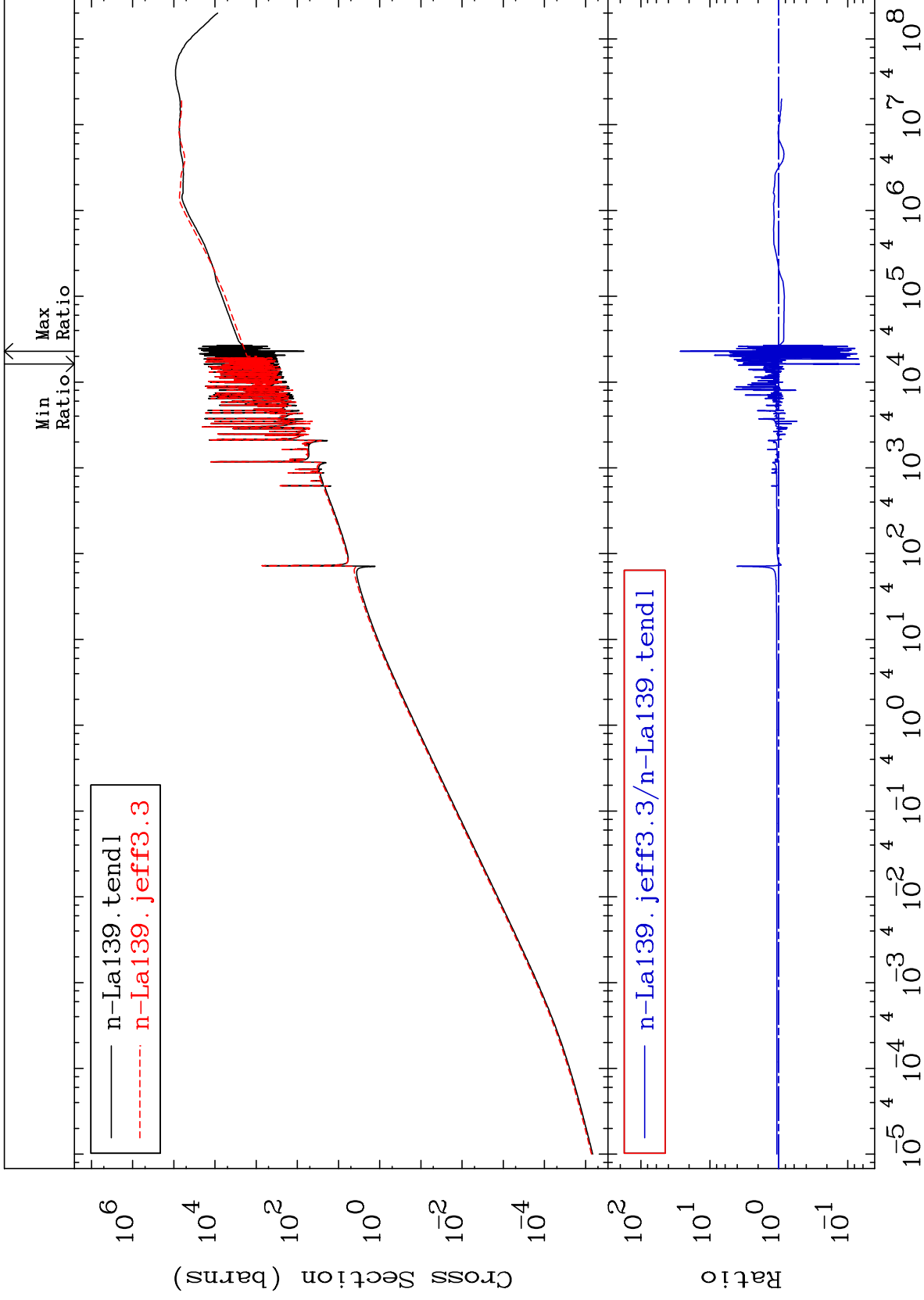
MAT 5728

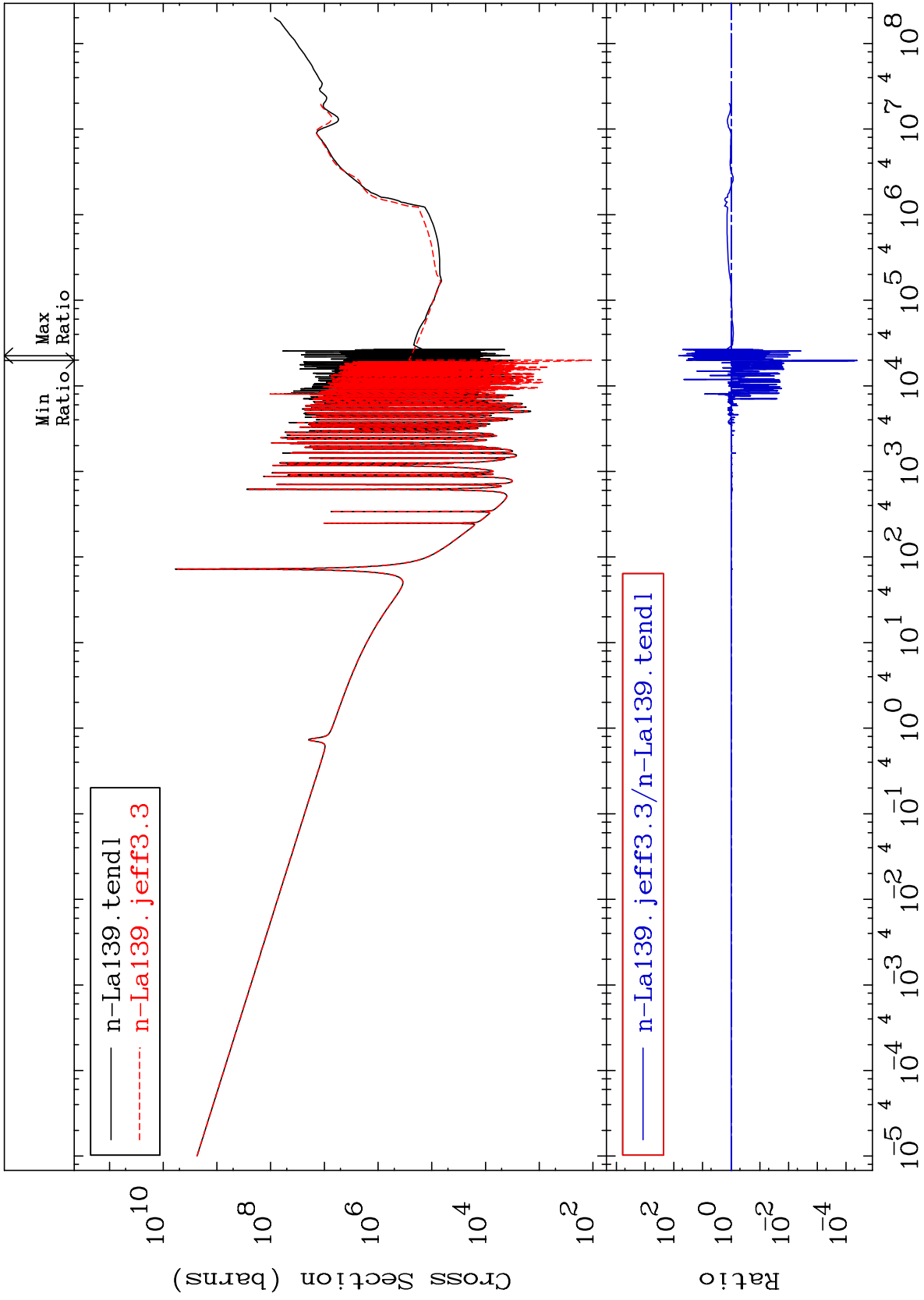
He-4 Production
Cross Section

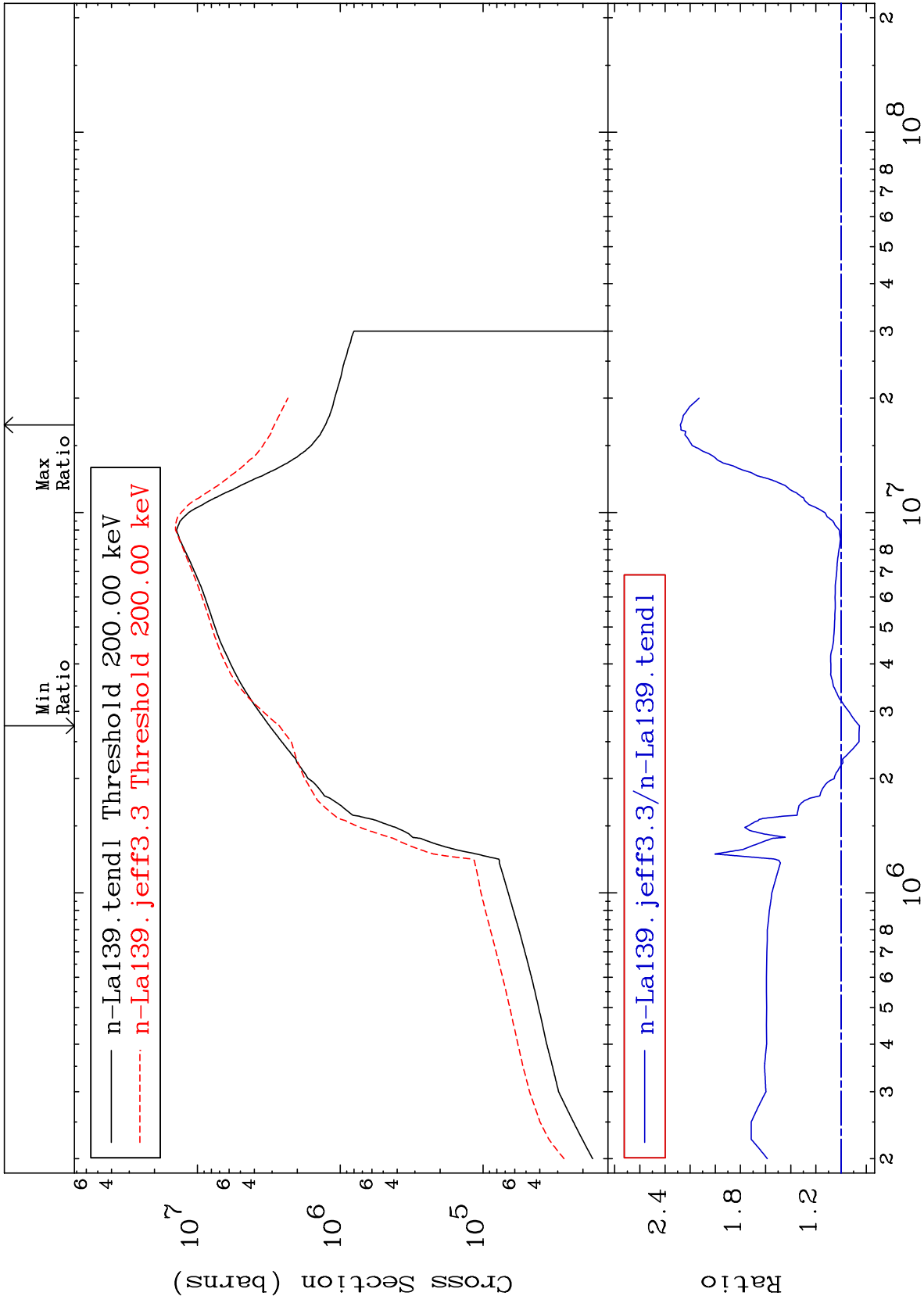
57-La-139
-100.0 To -21.64%







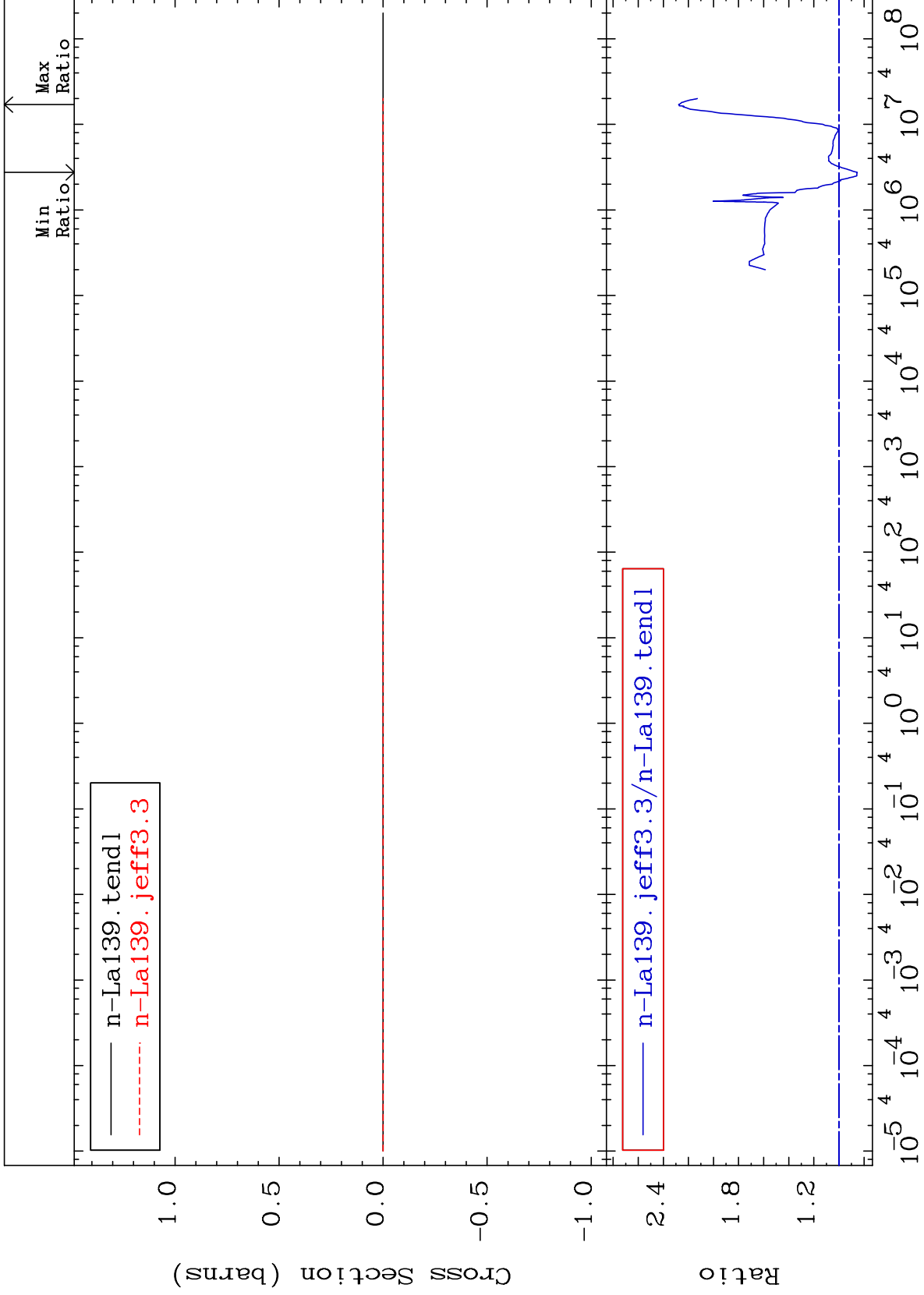


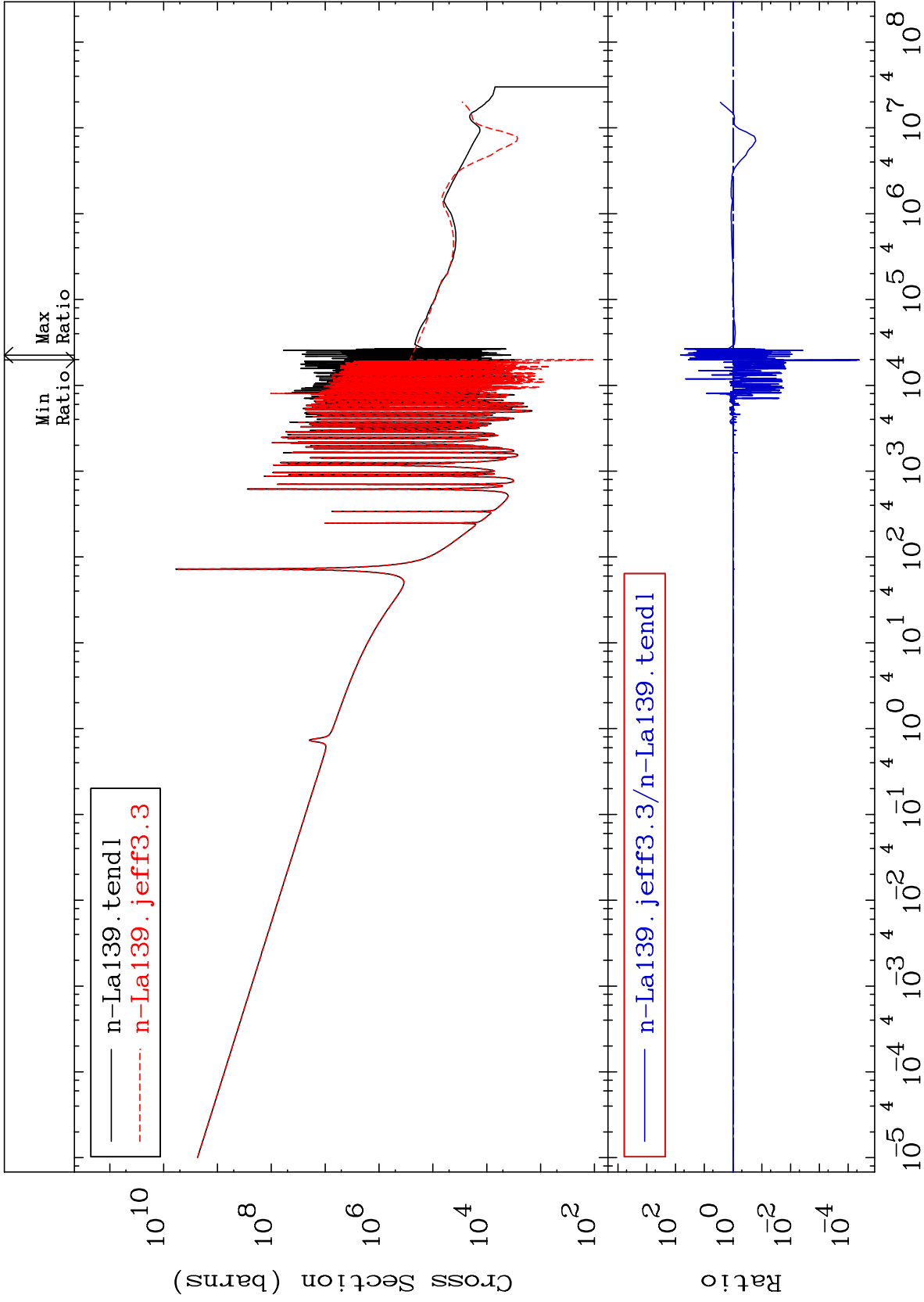


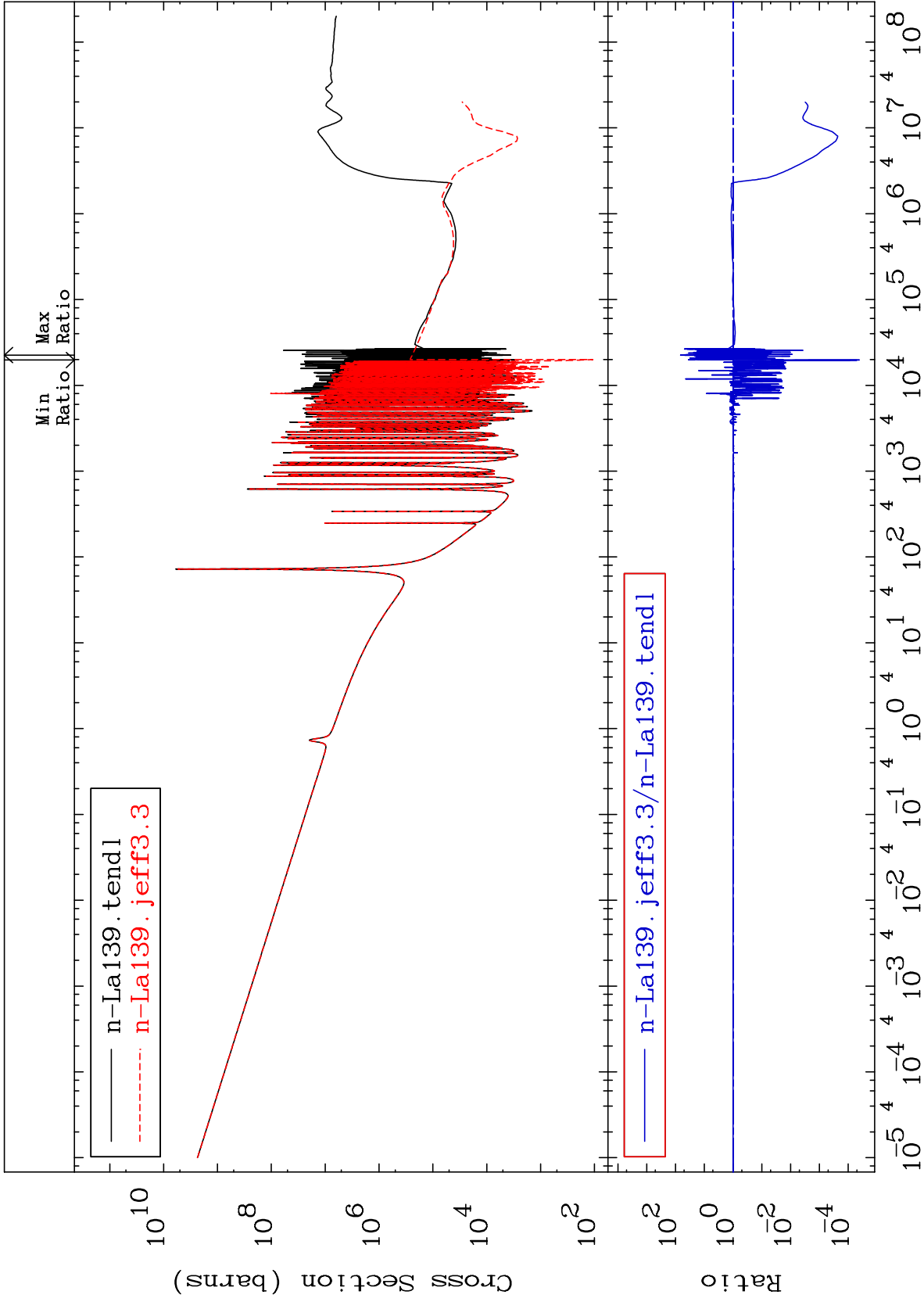
MAT 5728

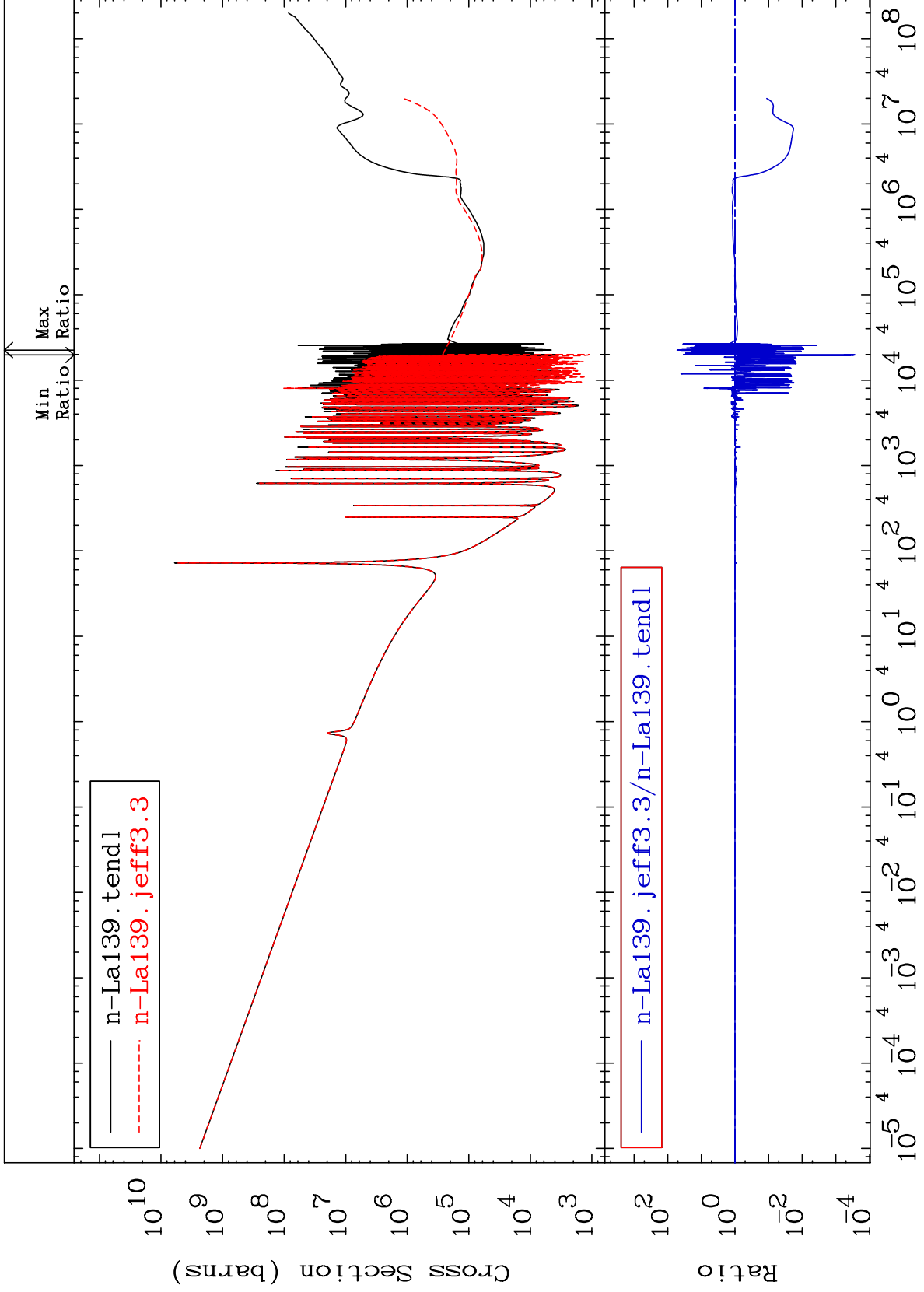
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

57-La-139
-14.60 To 127.8 %





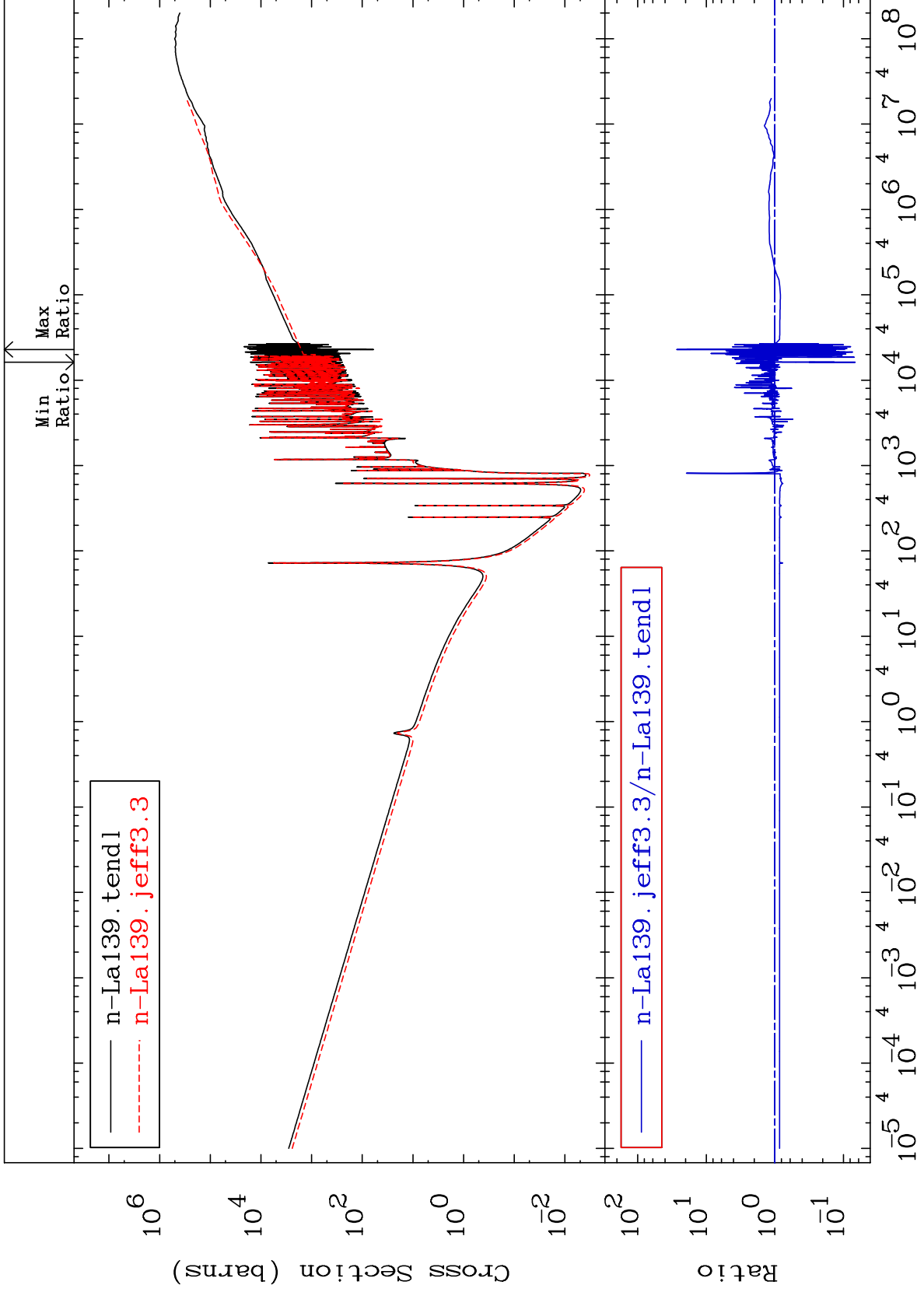




MAT 5728

Dpa total (eV-barns)
Cross Section

57-La-139
-93.23 To 2576. %



39

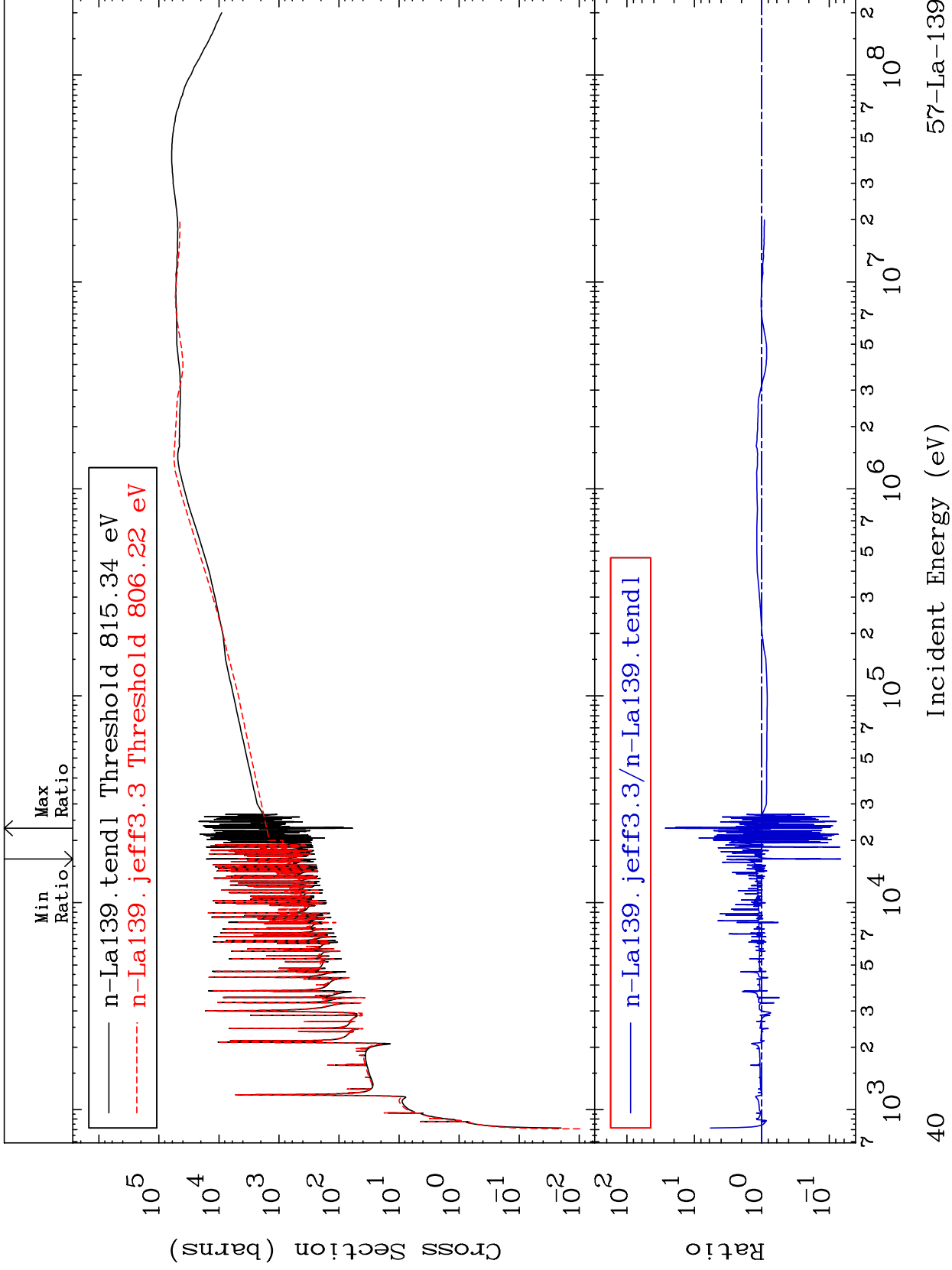
Incident Energy (eV)

57-La-139

MAT 5728

Dpa elastic (mt2)
Cross Section

57-La-139
-93.24 To 2581. %



57-La-139

MAT 5728

Dpa inelastic (mt51-91)
Cross Section

57-La-139
15.75 To 664.8 %

