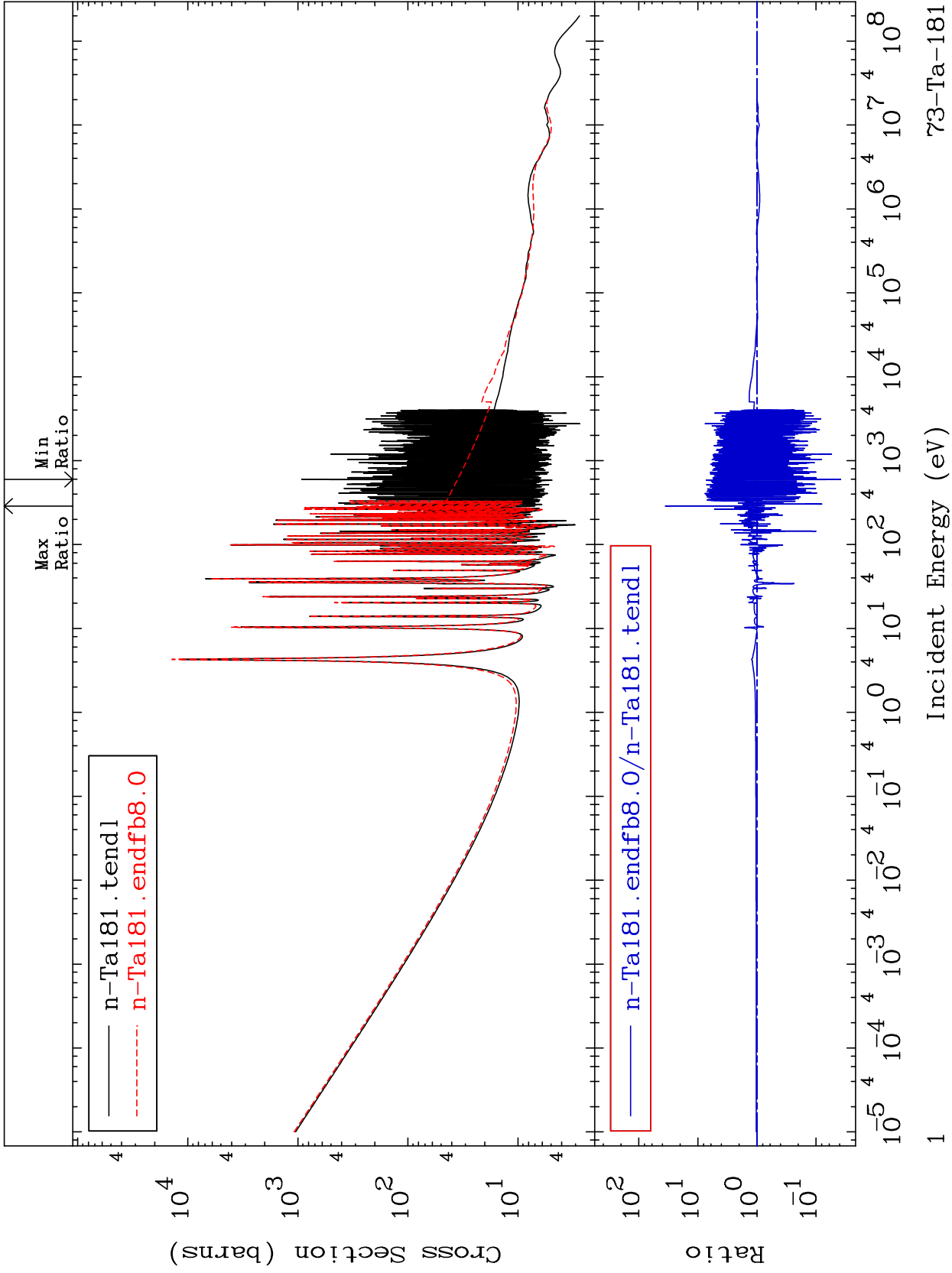


MAT 7328

Total Cross Section
73-Ta-181
-96.17 To 3432. %

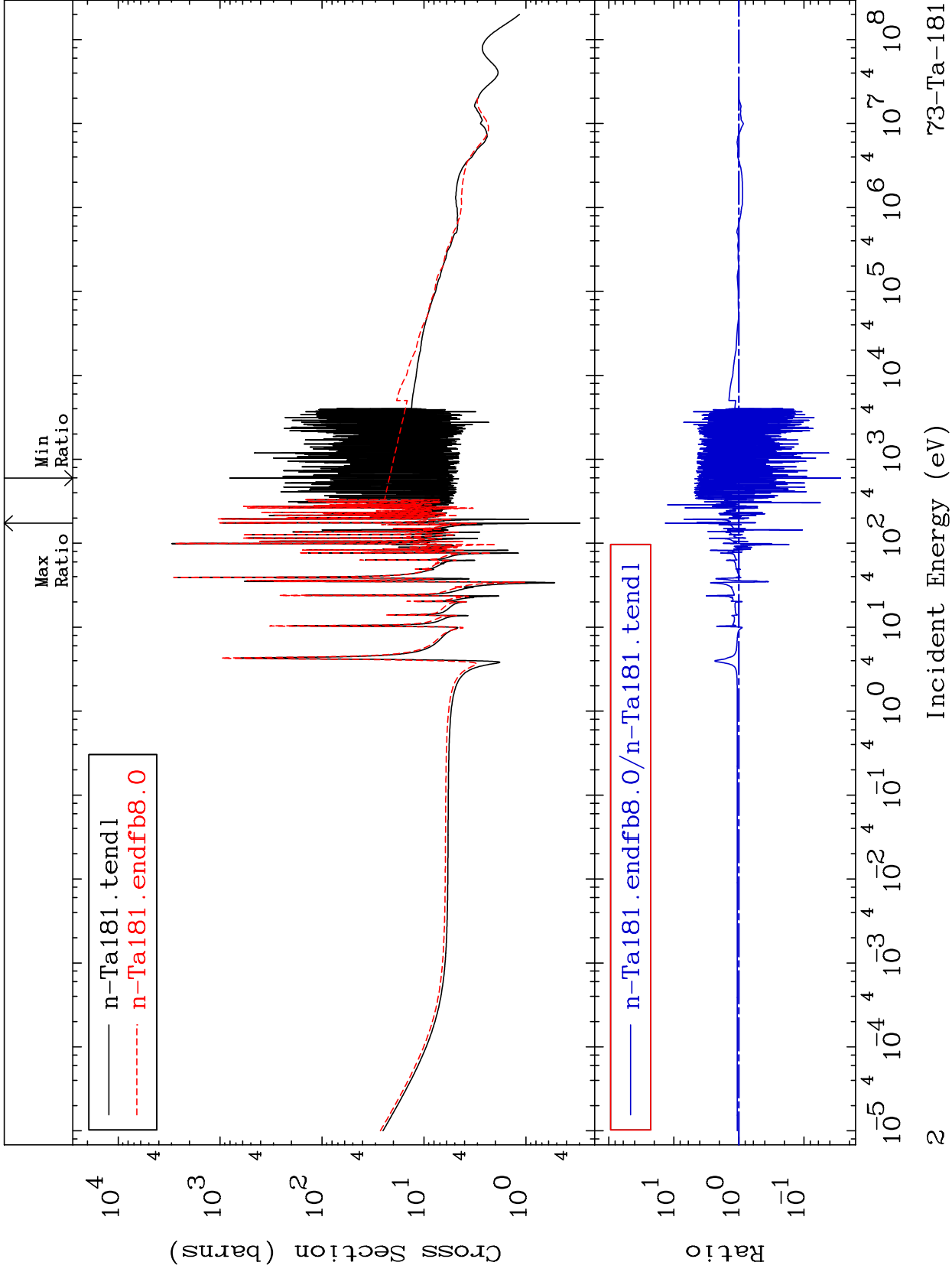


73-Ta-181

Incident Energy (eV)

MAT 7328

Elastic Cross Section
73-Ta-181
-97.28 To 1243. %



73-Ta-181

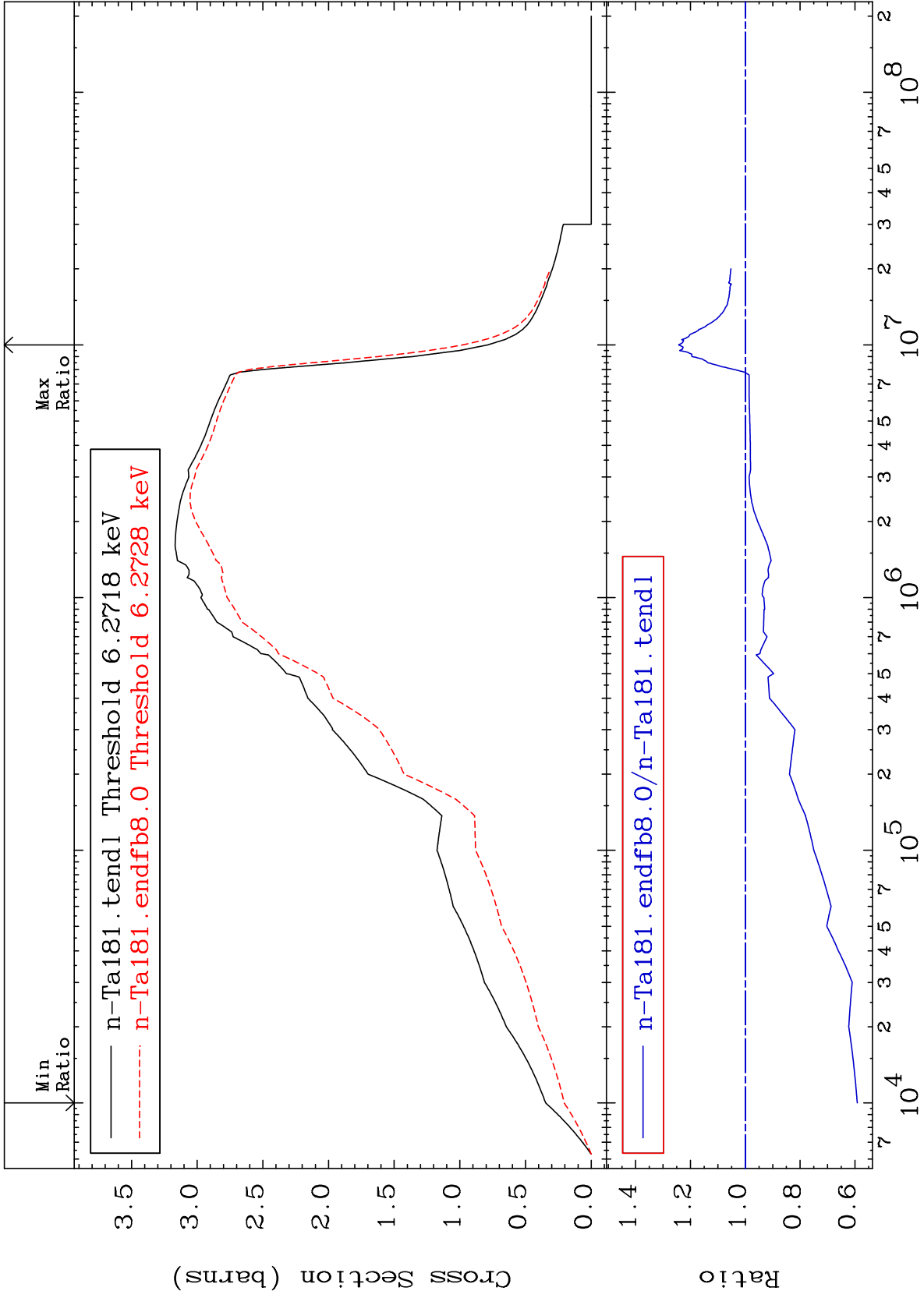
Incident Energy (eV)

2

MAT 7328

Inelastic
Cross Section

⁷³Ta-181
-40.84 To 24.31 %



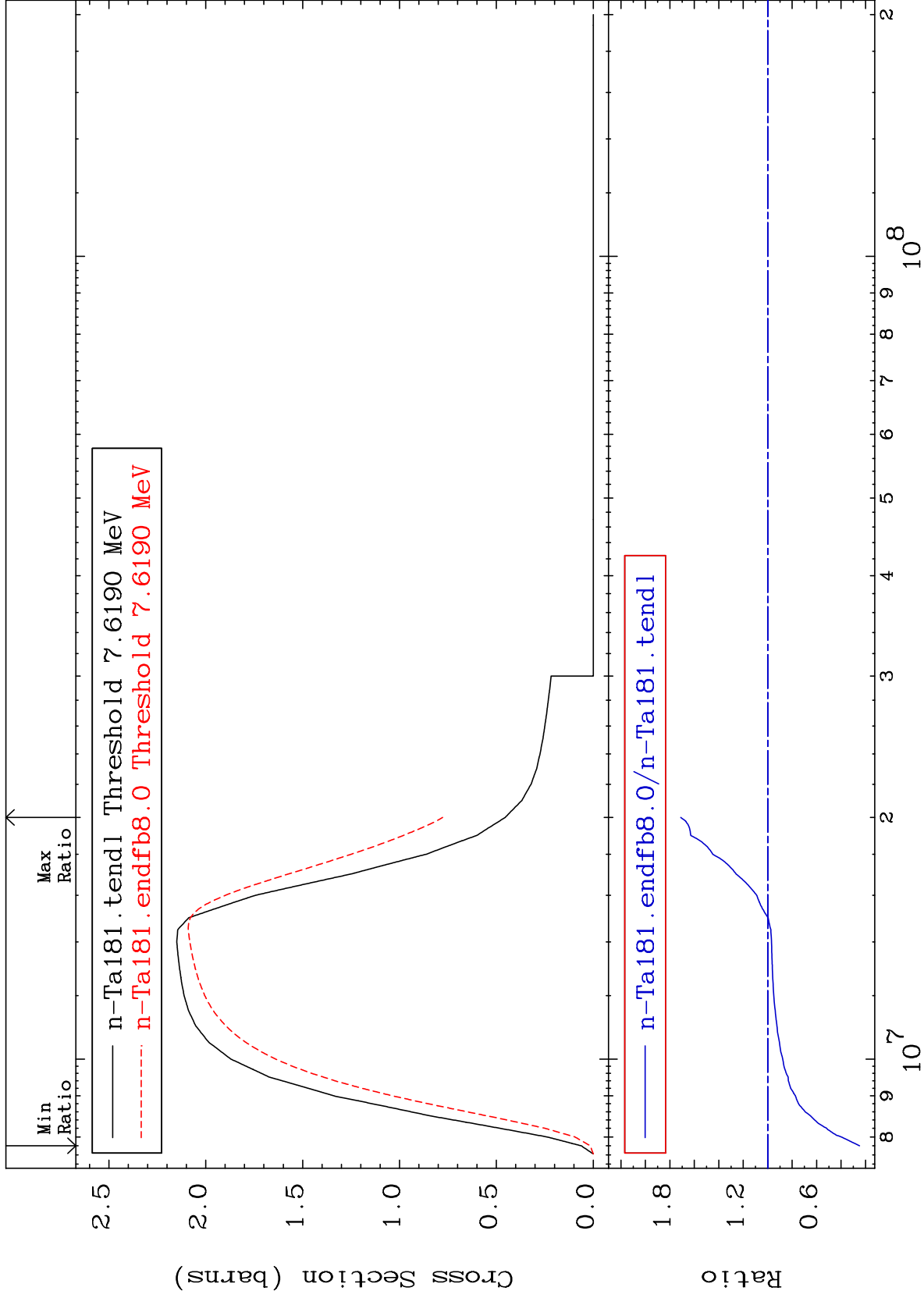
MAT 7328

(n,2n)

⁷³Ta-181

Cross Section

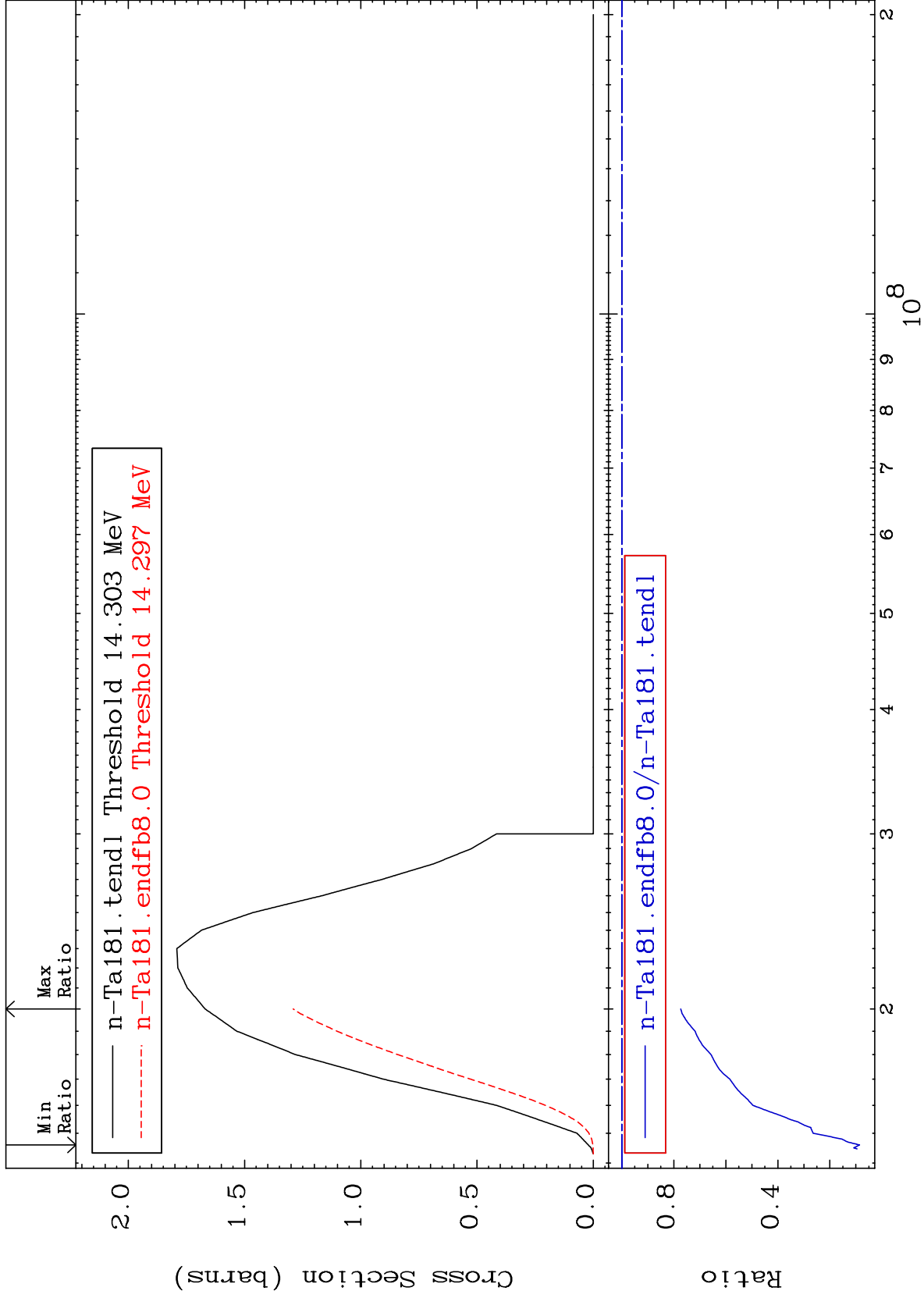
-75.10 To 71.07 %



Incident Energy (eV)

⁷³Ta-181

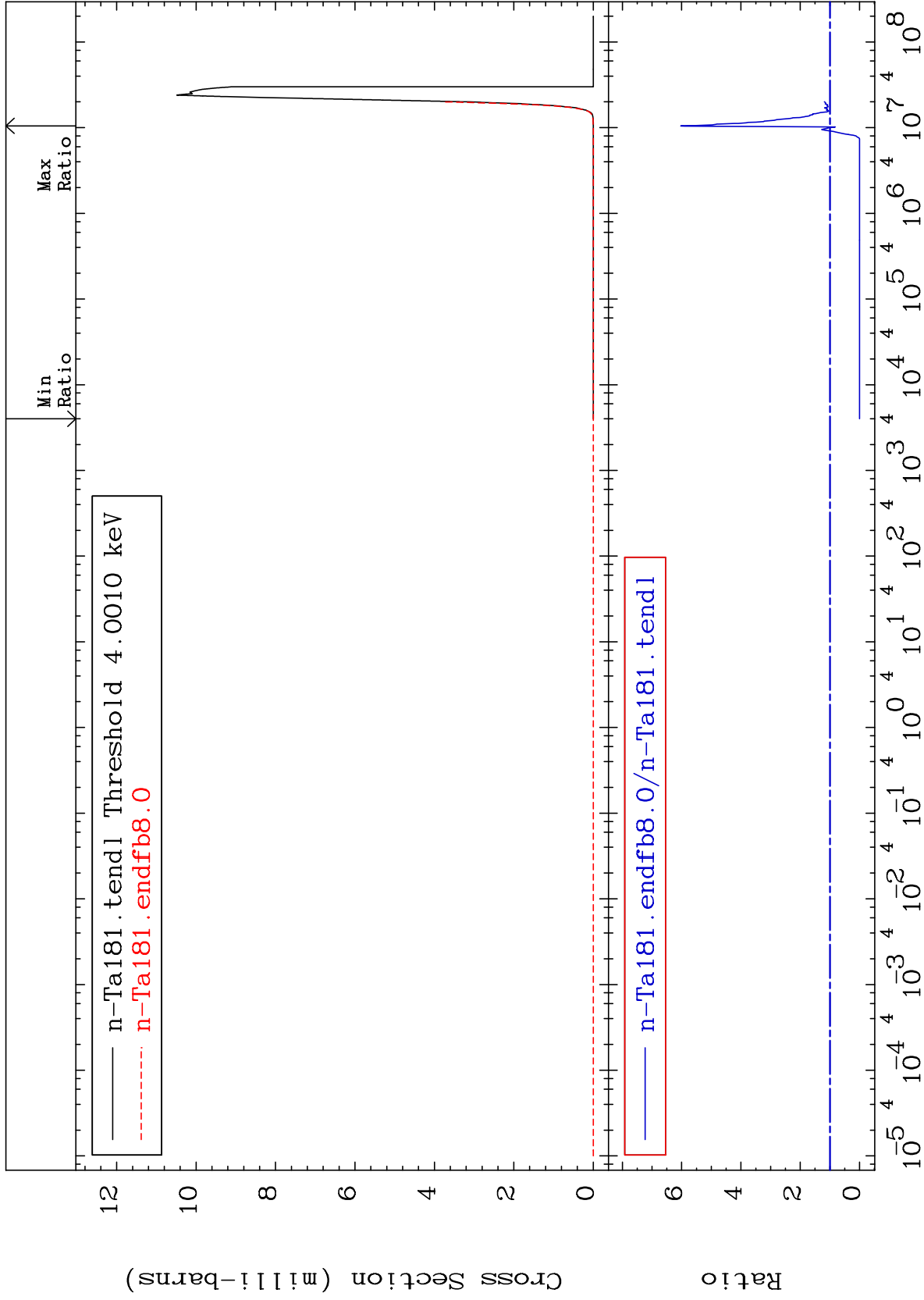
4



MAT 7328

(n, n') α
Cross Section

⁷³Ta-¹⁸¹
-100.0 To 503.0 %



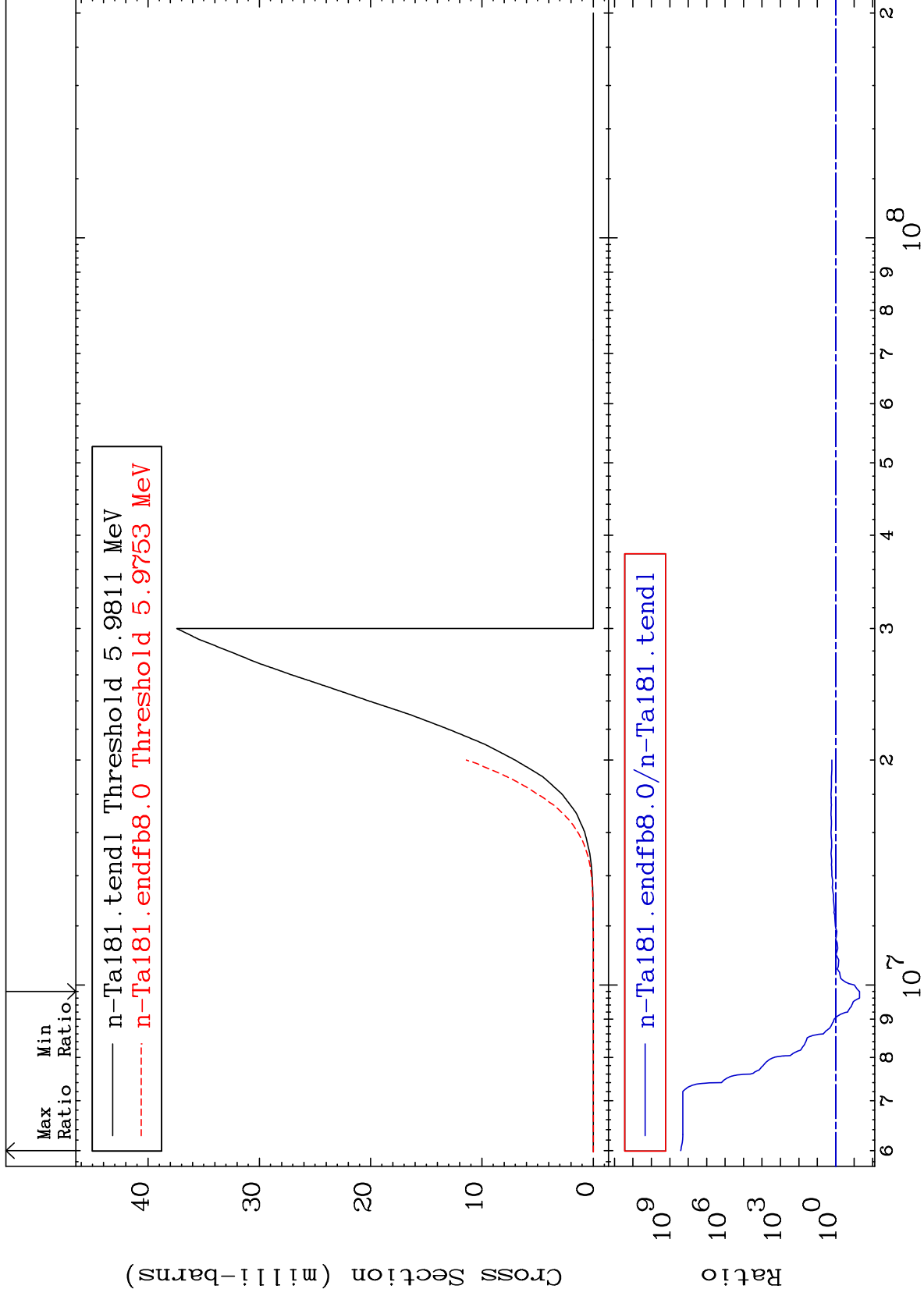
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

(n,n') p
Cross Section

⁷³Ta-181
-94.86 To 9999. %



7

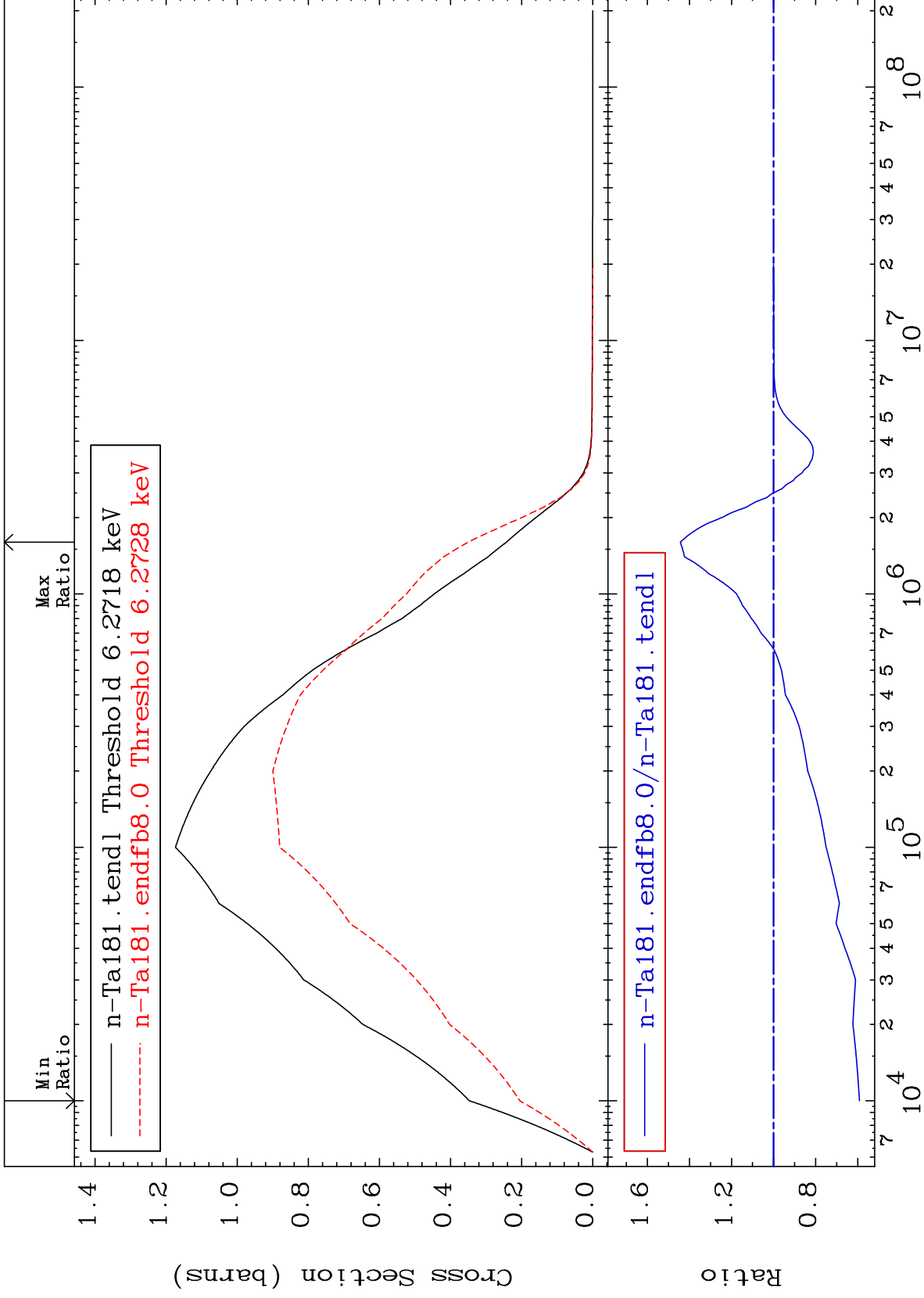
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-¹⁸¹
-40.84 To 44.33 %



8

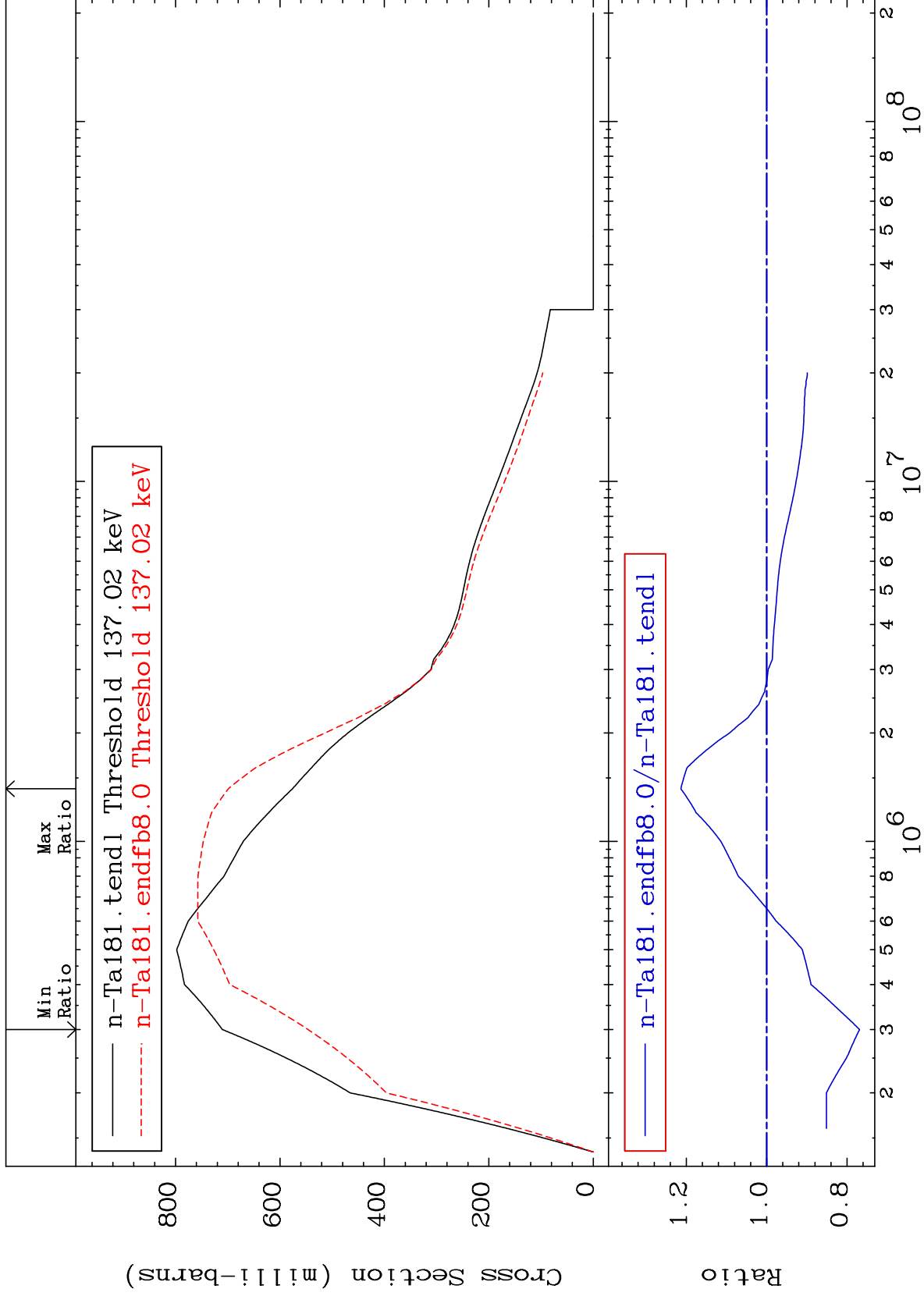
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

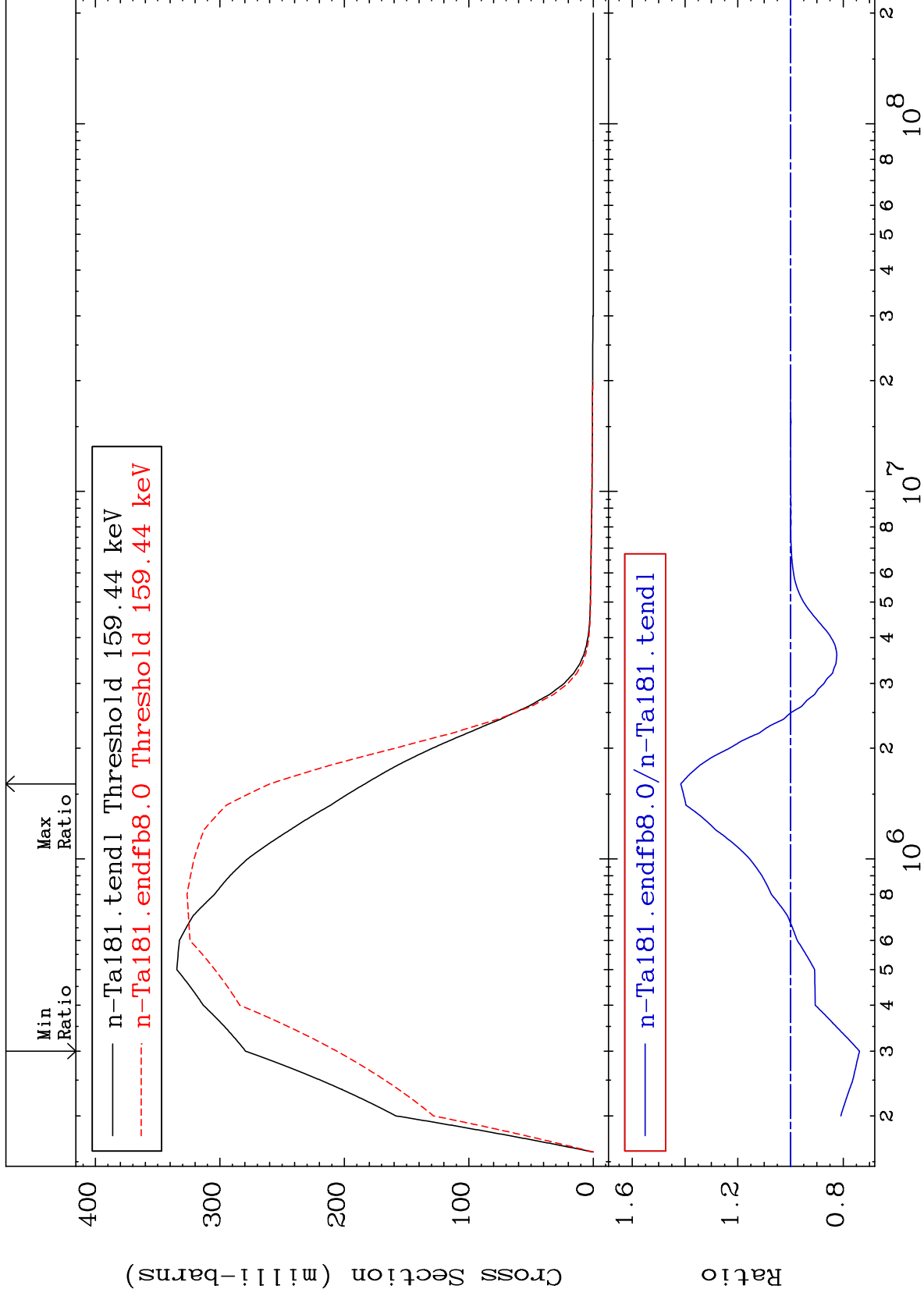
⁷³Ta-181
-23.10 To 21.39 %



MAT 7328

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

⁷³Ta-181
-26.18 To 41.61 %



10

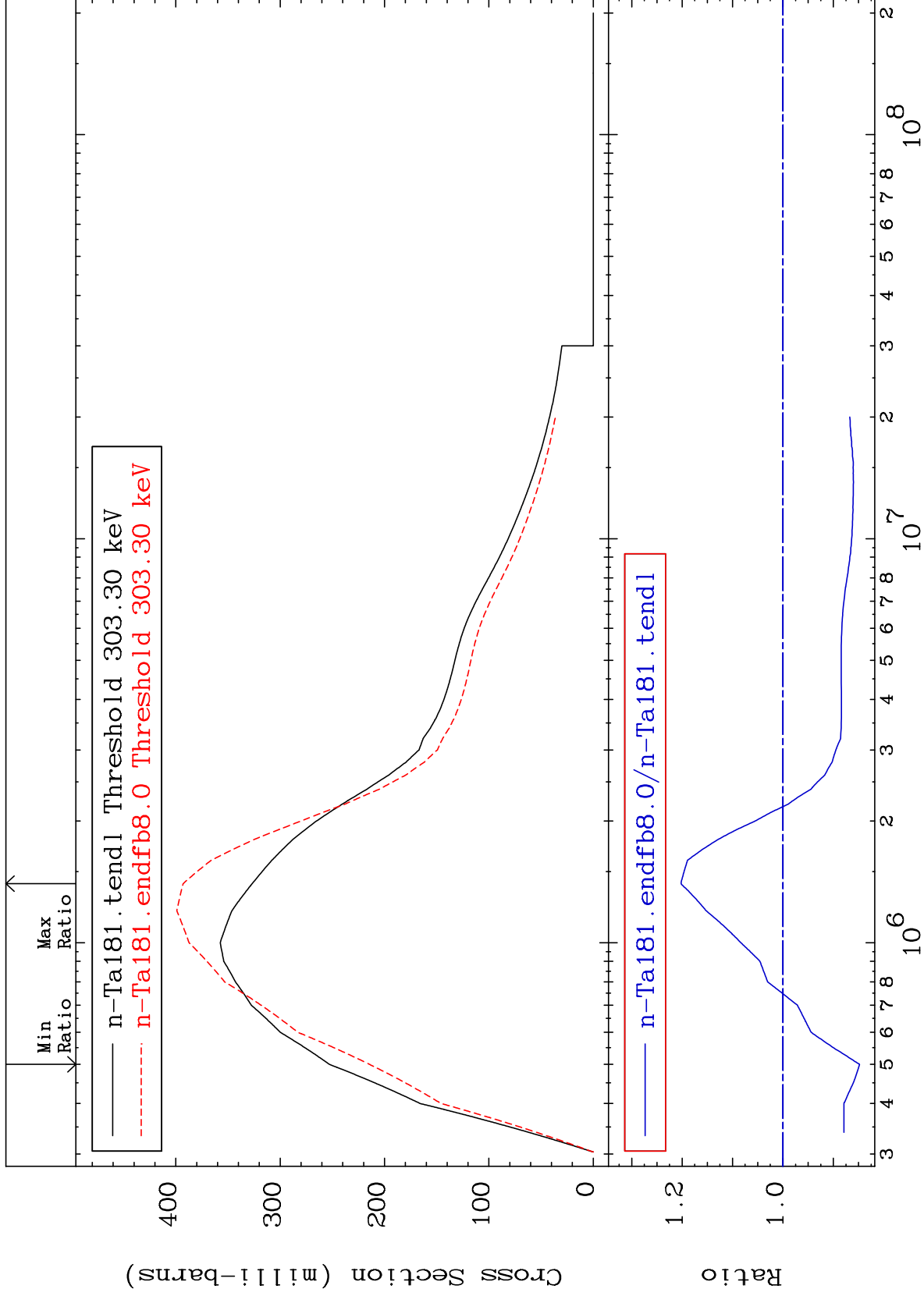
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

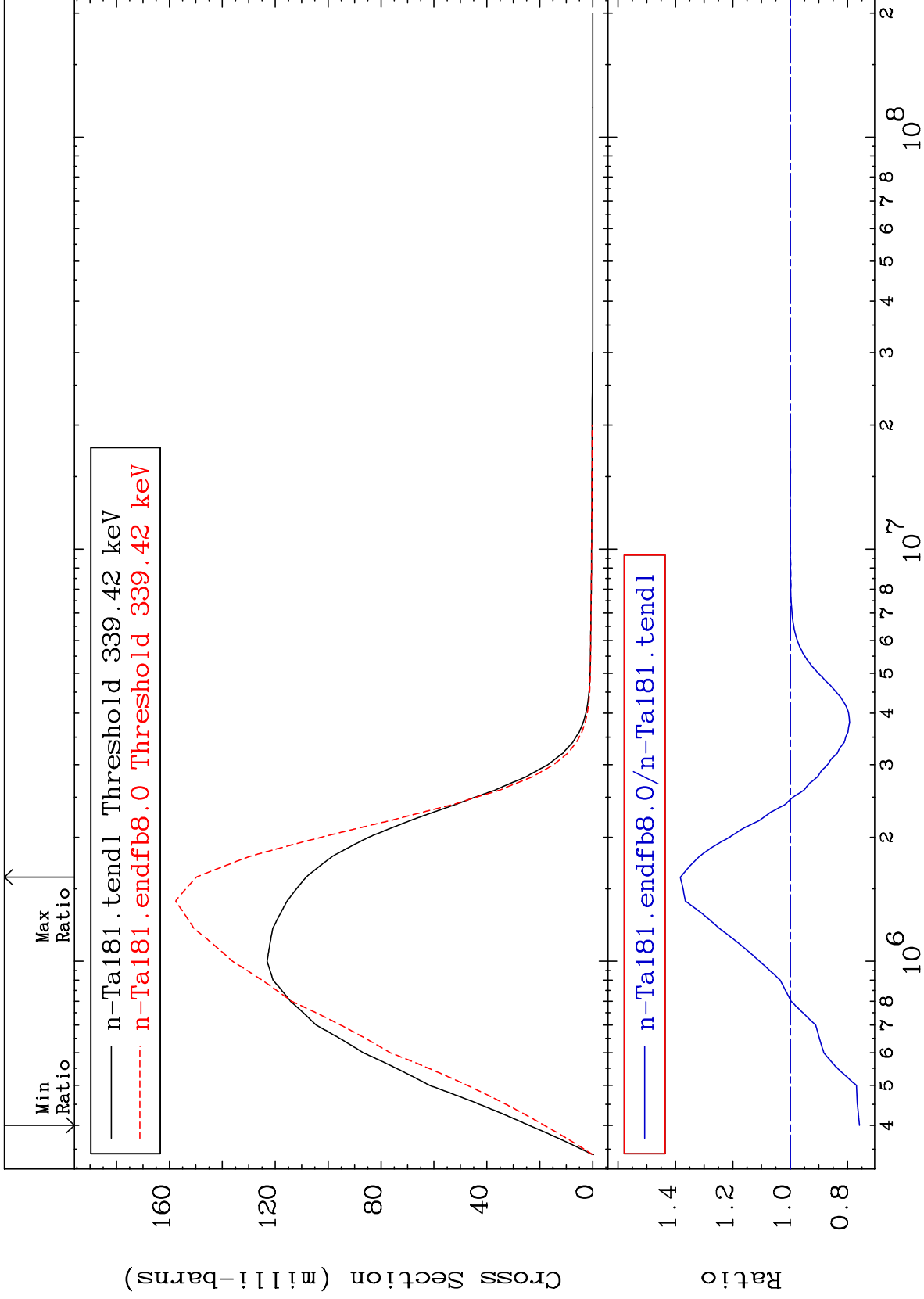
⁷³Ta-181
-15.20 To 20.27 %



MAT 7328

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

⁷³Ta-181
-24.15 To 38.28 %



12

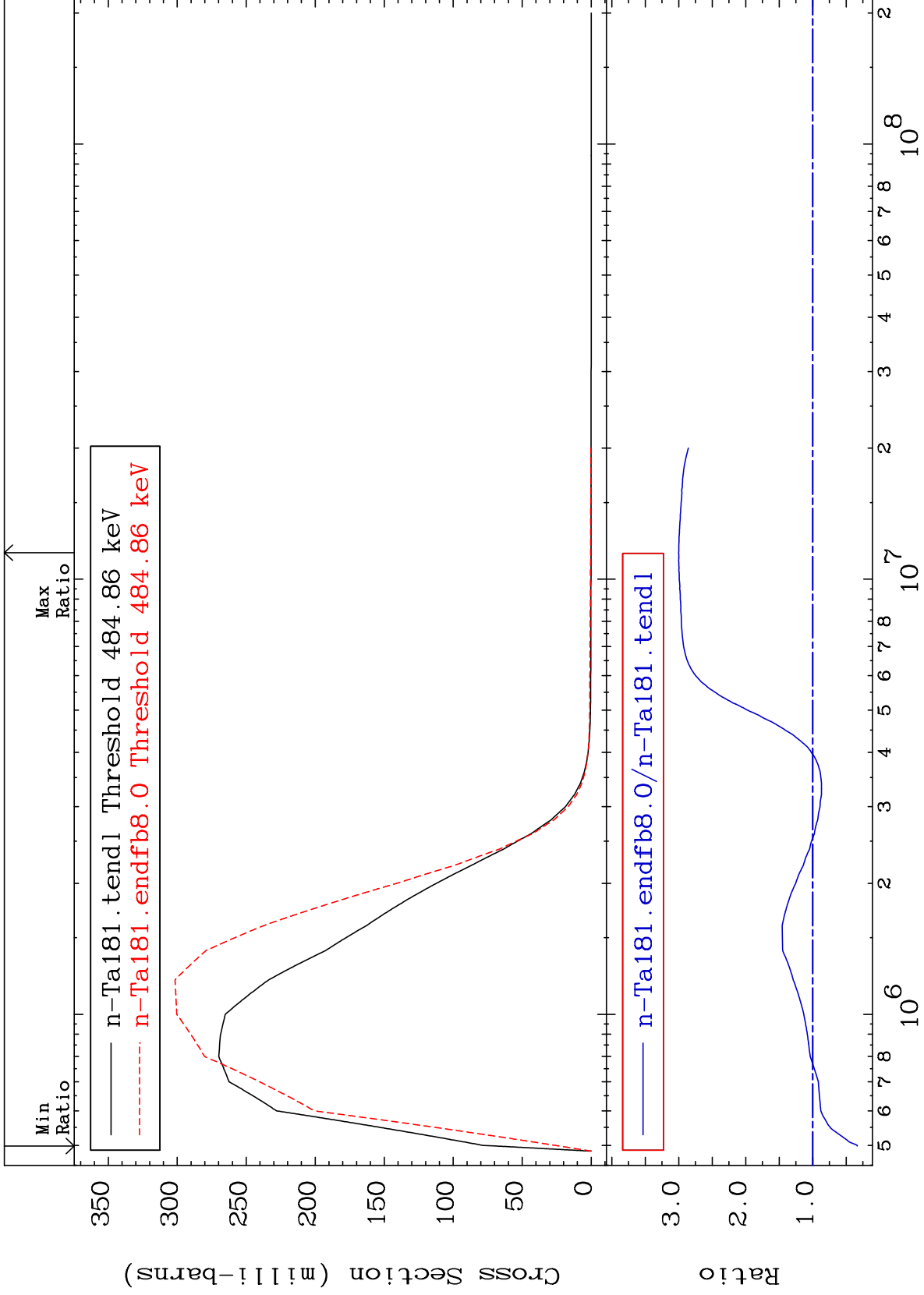
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

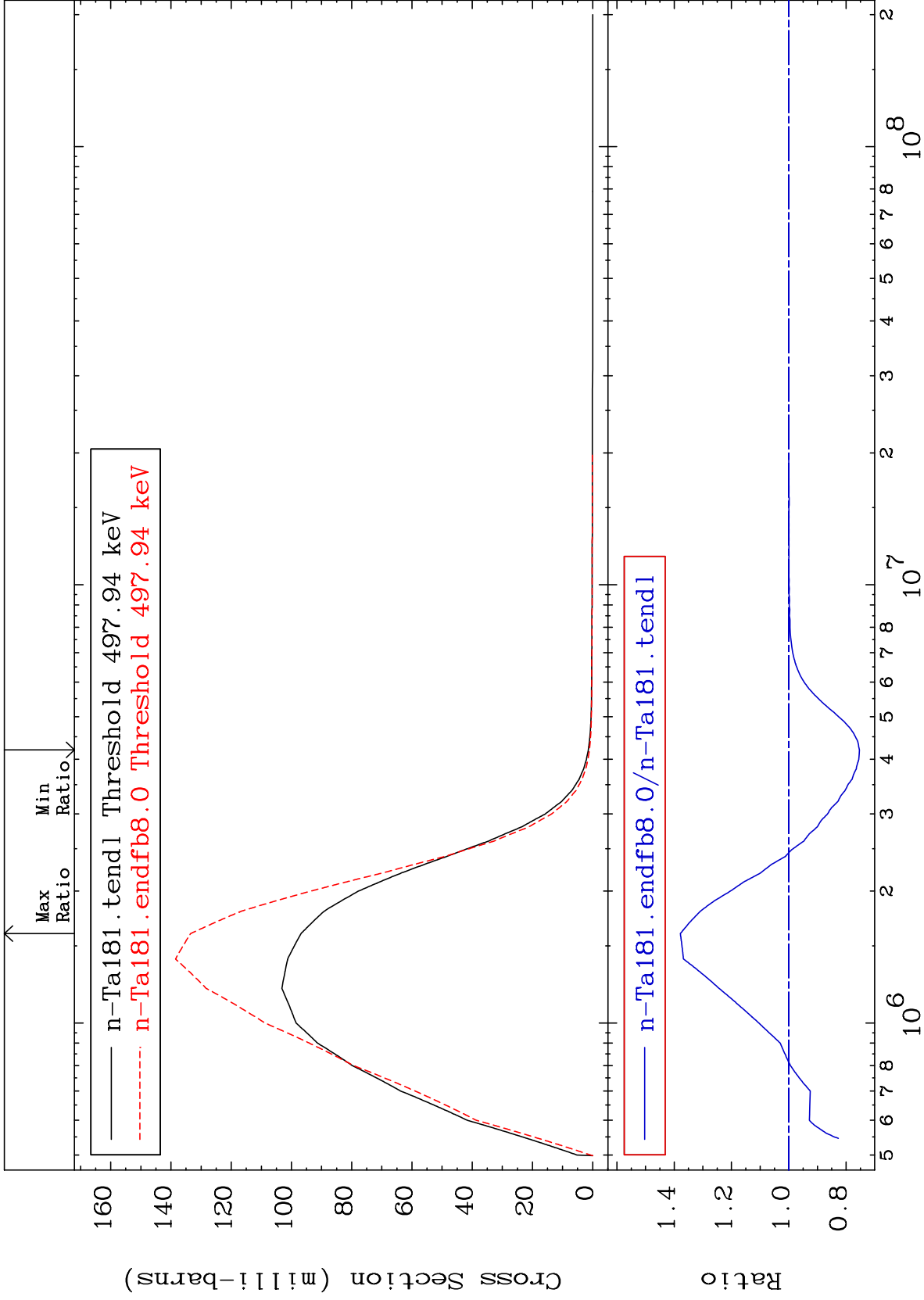
⁷³Ta-181
-66.47 To 200.2 %



MAT 7328

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

⁷³Ta-181
-24.65 To 37.85 %



14

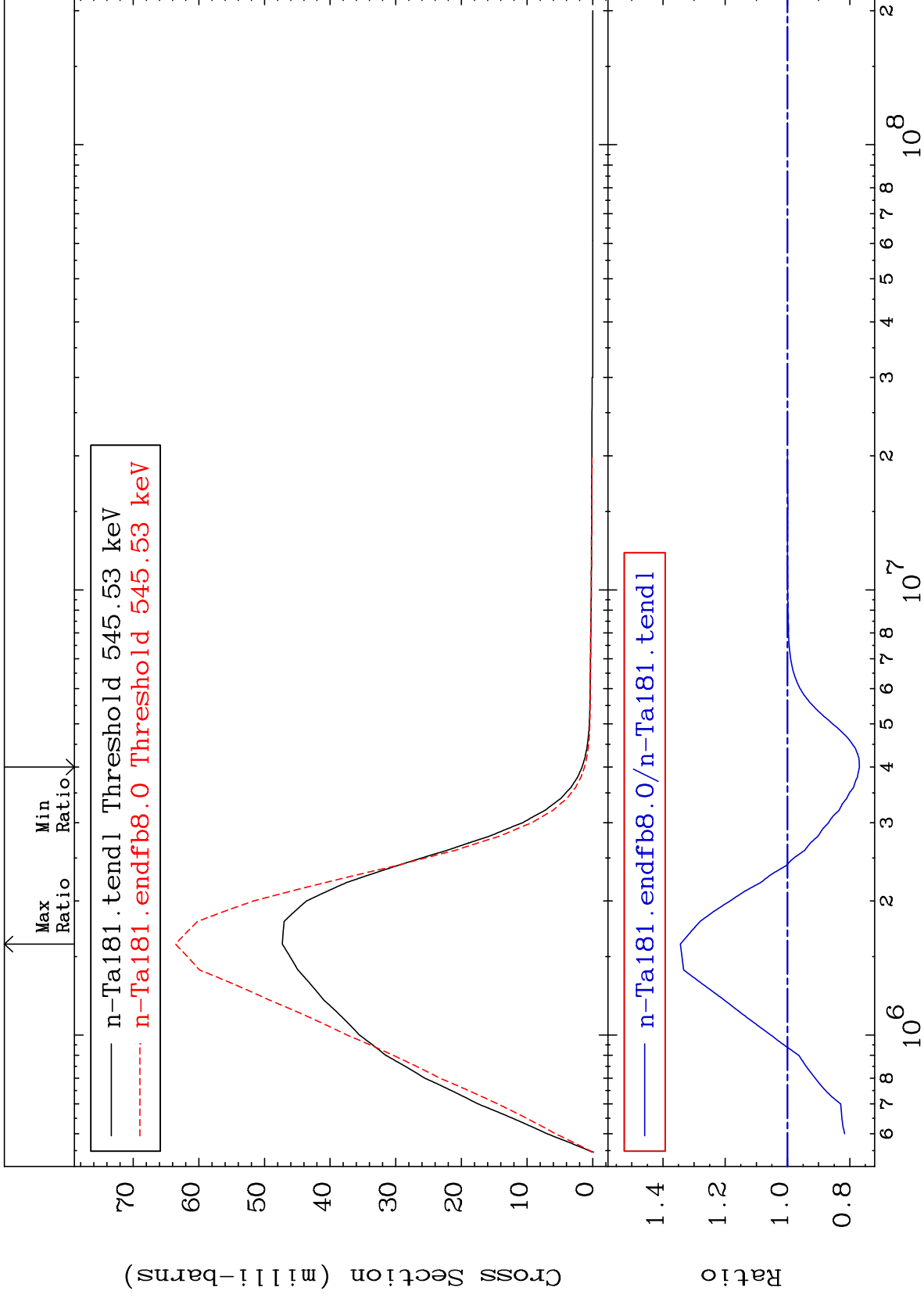
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

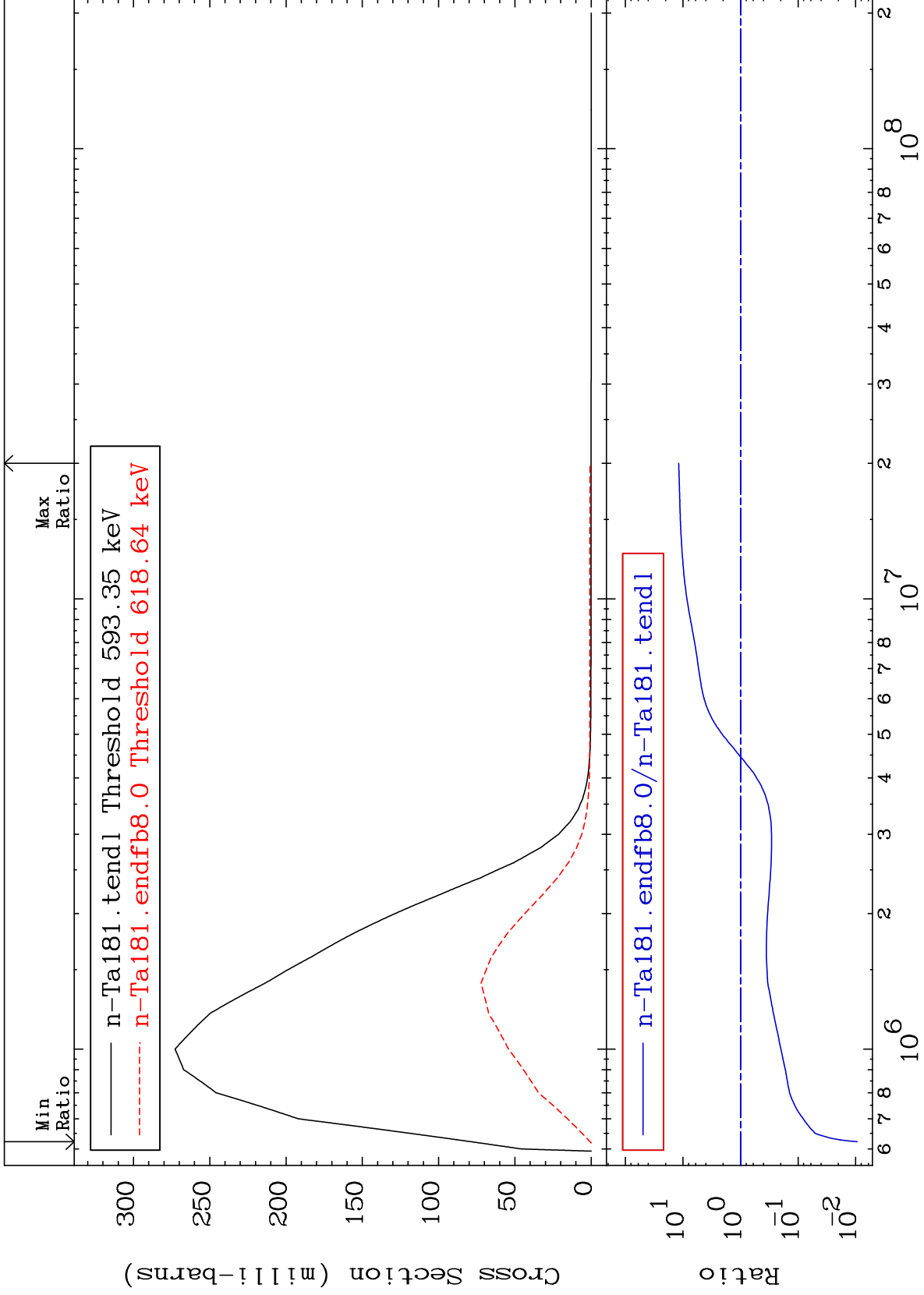
⁷³Ta-181
-23.11 To 34.41 %



MAT 7328

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

⁷³Ta-181
-99.06 To 1089. %



16

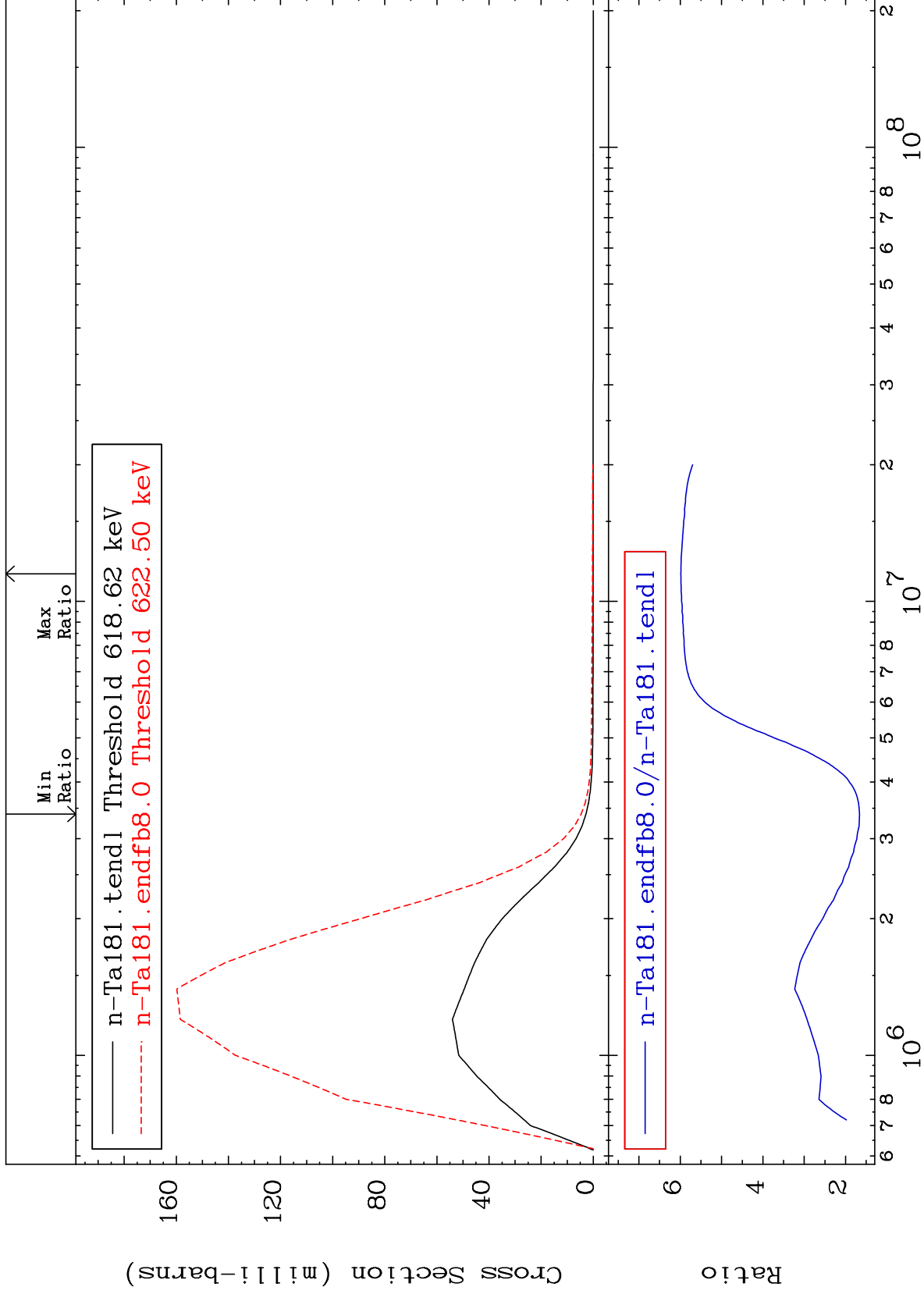
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
66.30 To 498.7 %



17

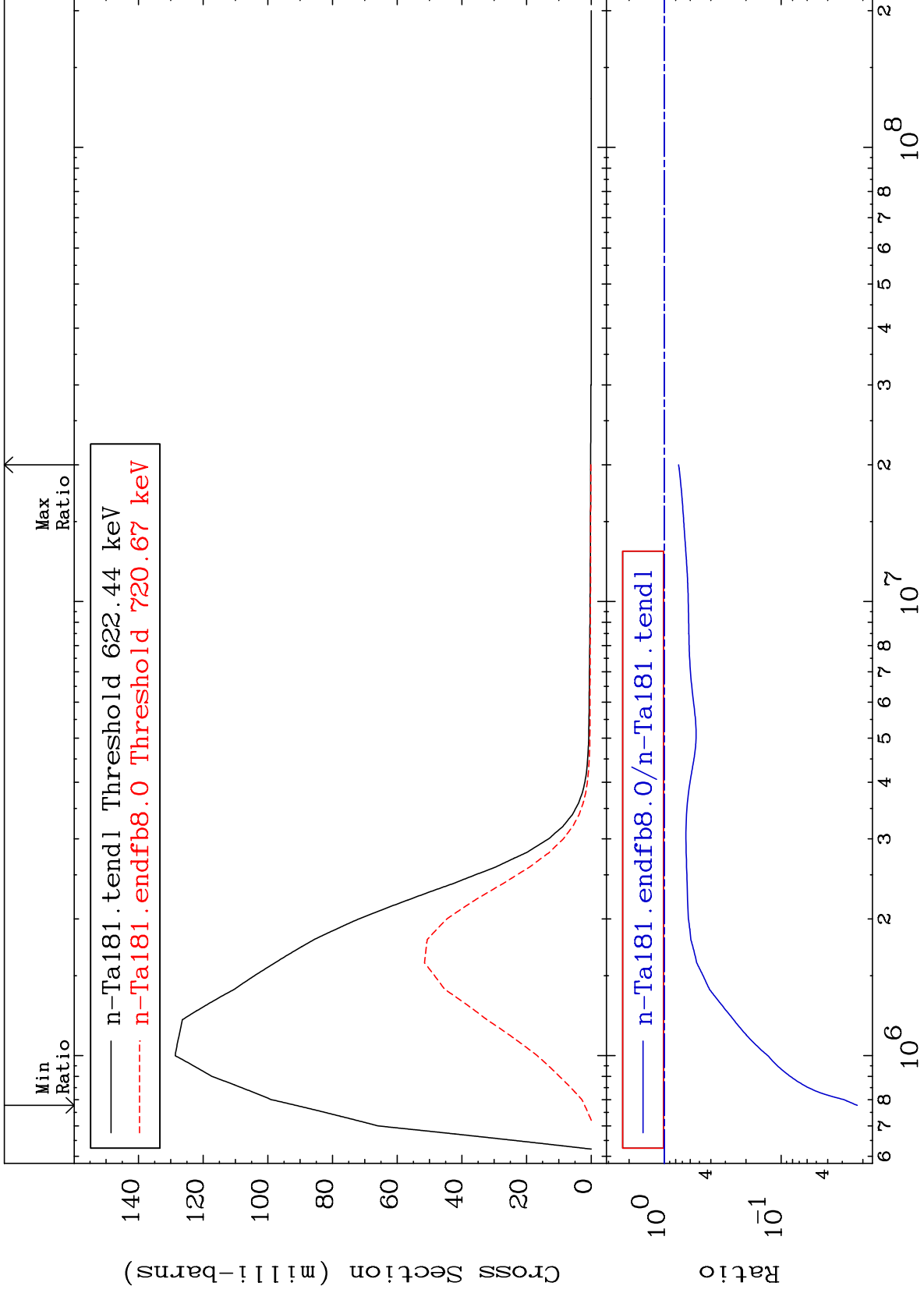
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-97.77 To -24.67%



18

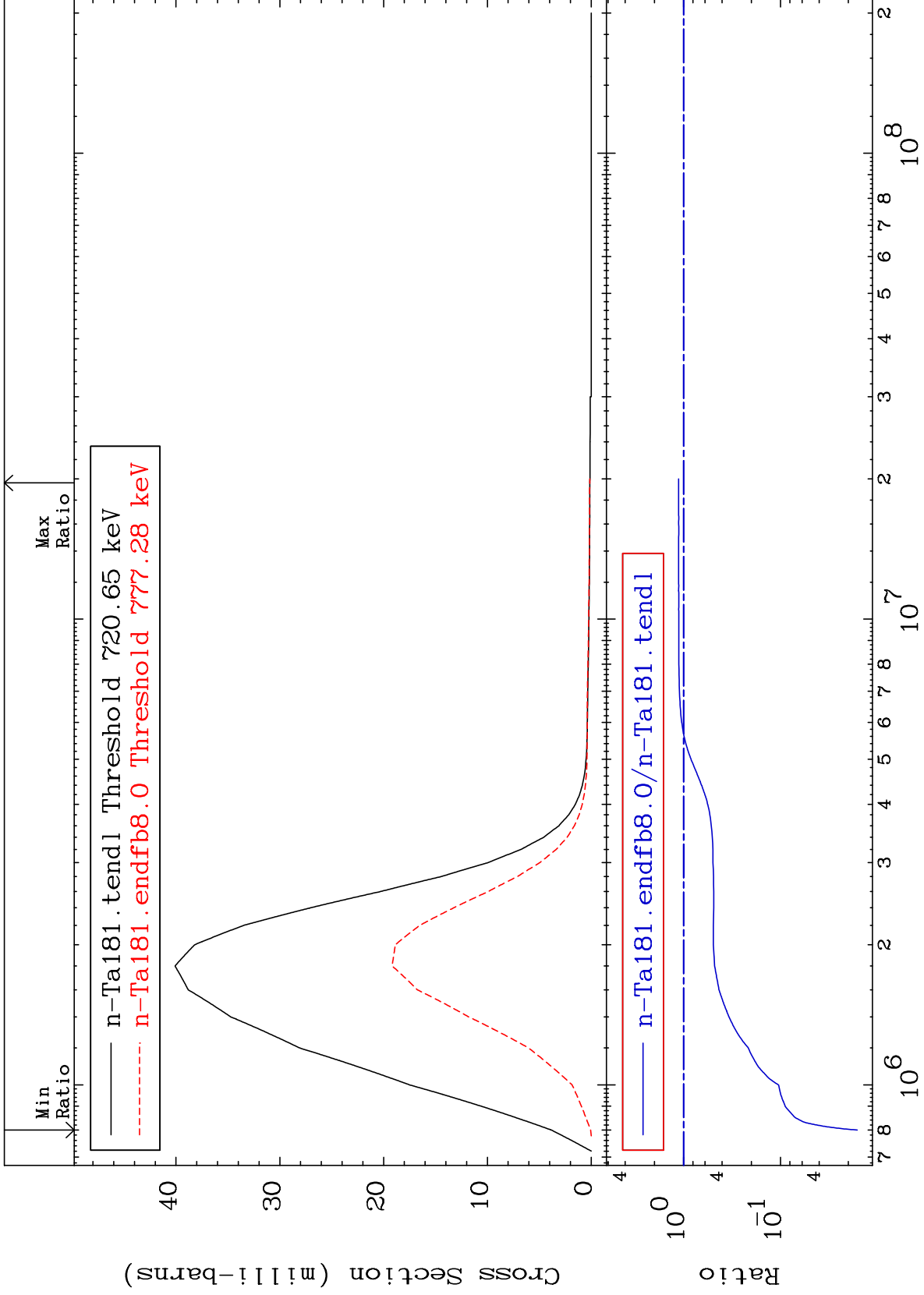
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

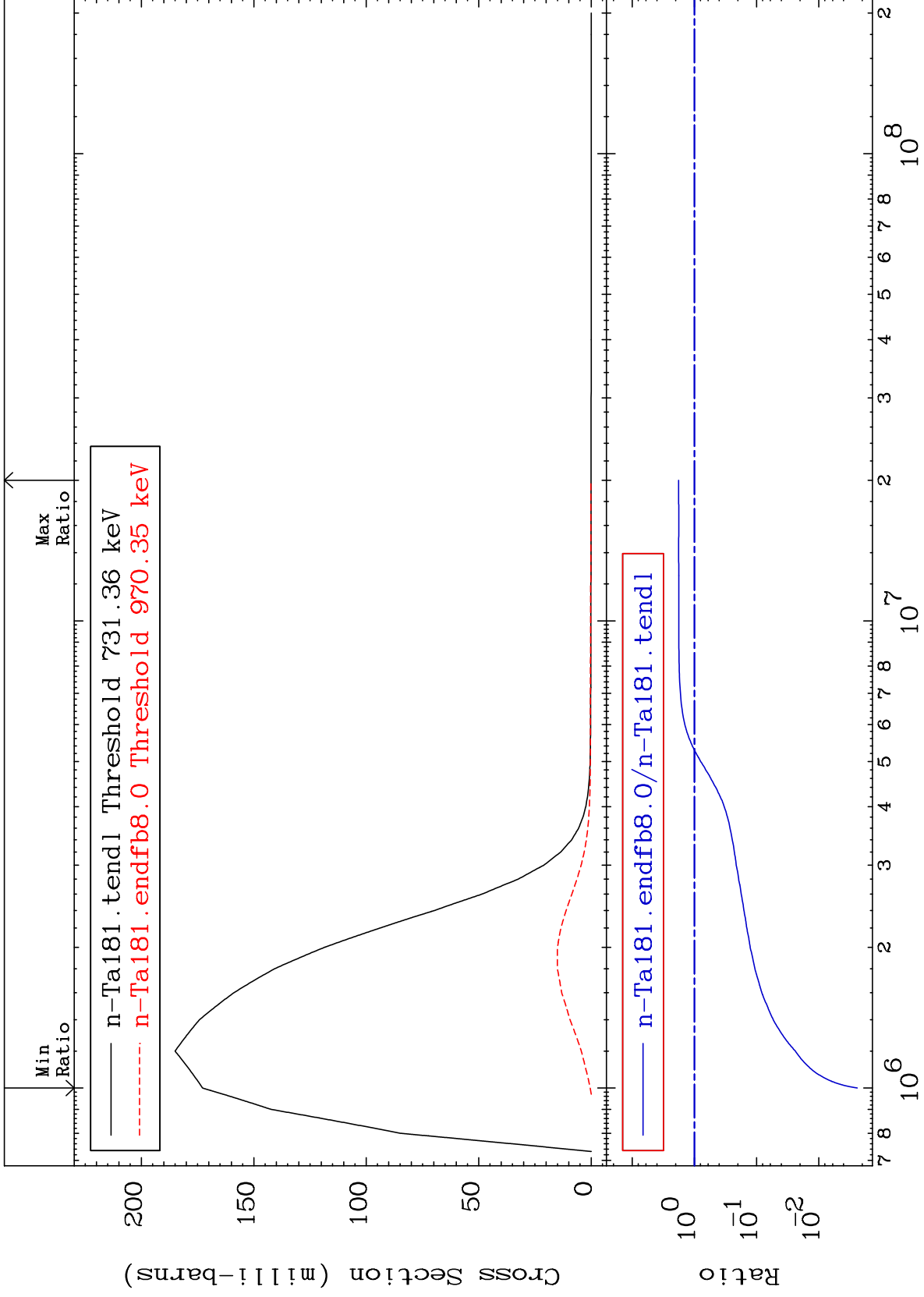
⁷³Ta-181
-98.38 To 12.48 %



MAT 7328

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

⁷³Ta-181
-99.76 To 78.97 %



20

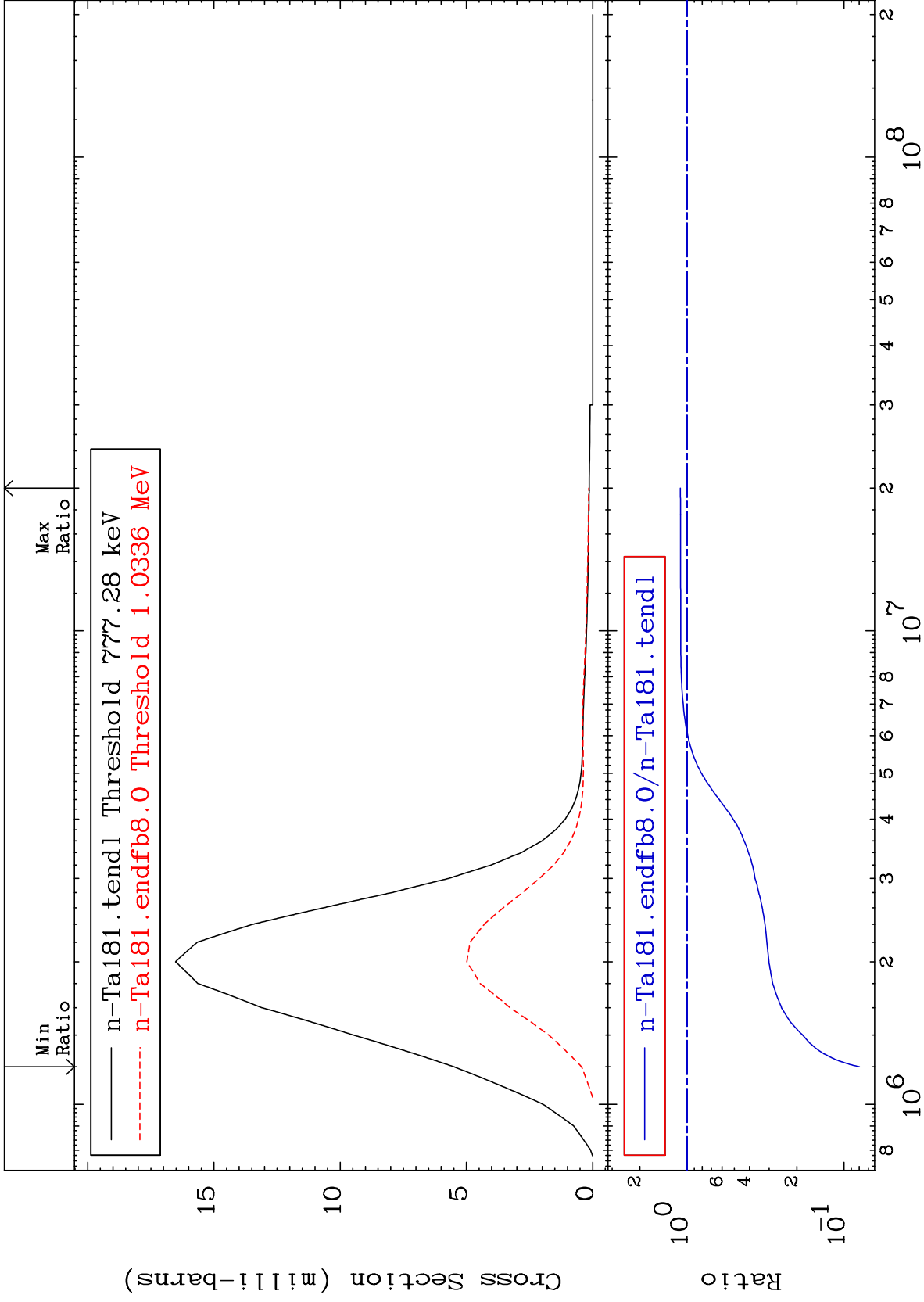
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

73-Ta-181
-92.01 To 10.37 %



21

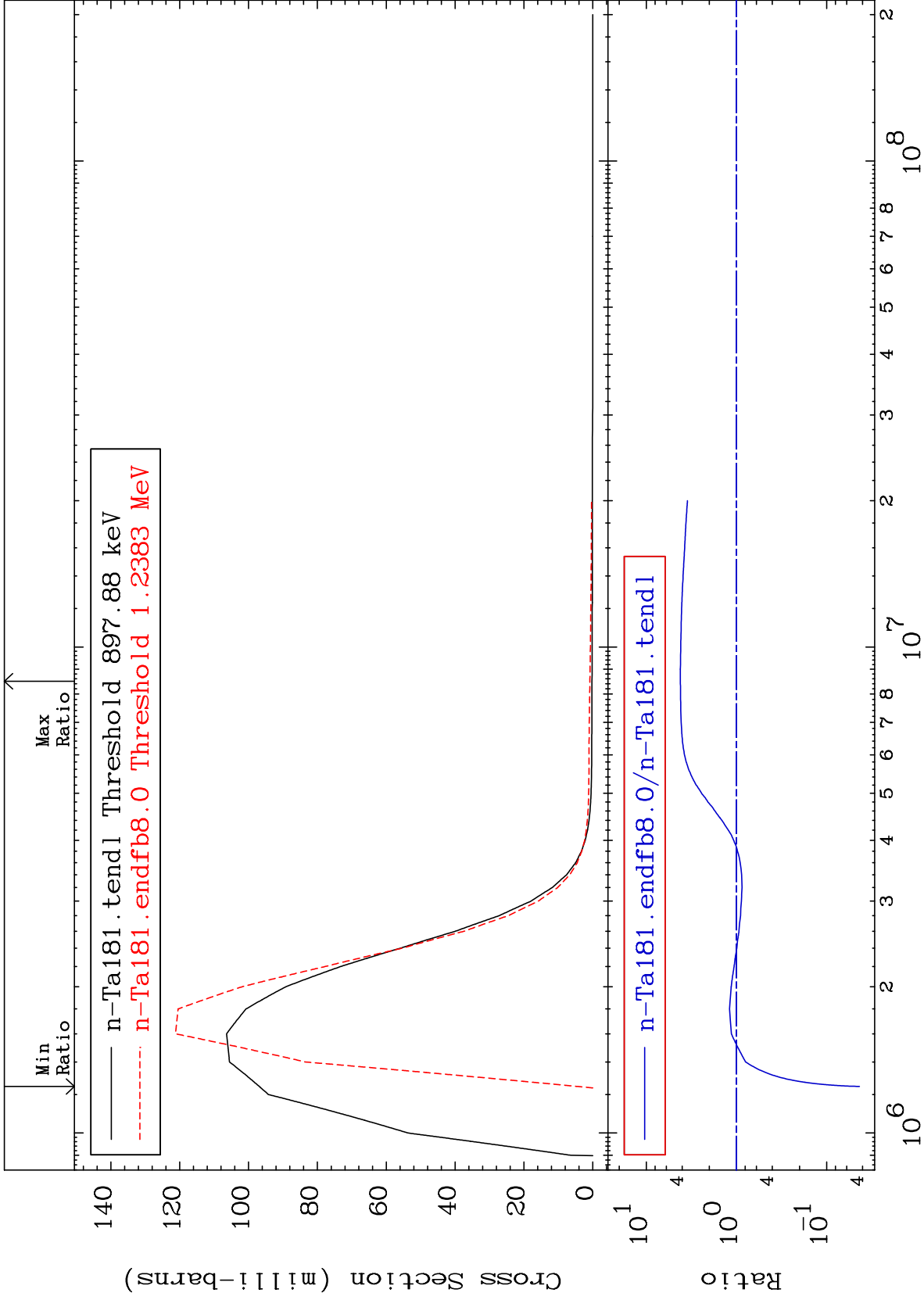
Incident Energy (eV)

73-Ta-181

MAT 7328

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

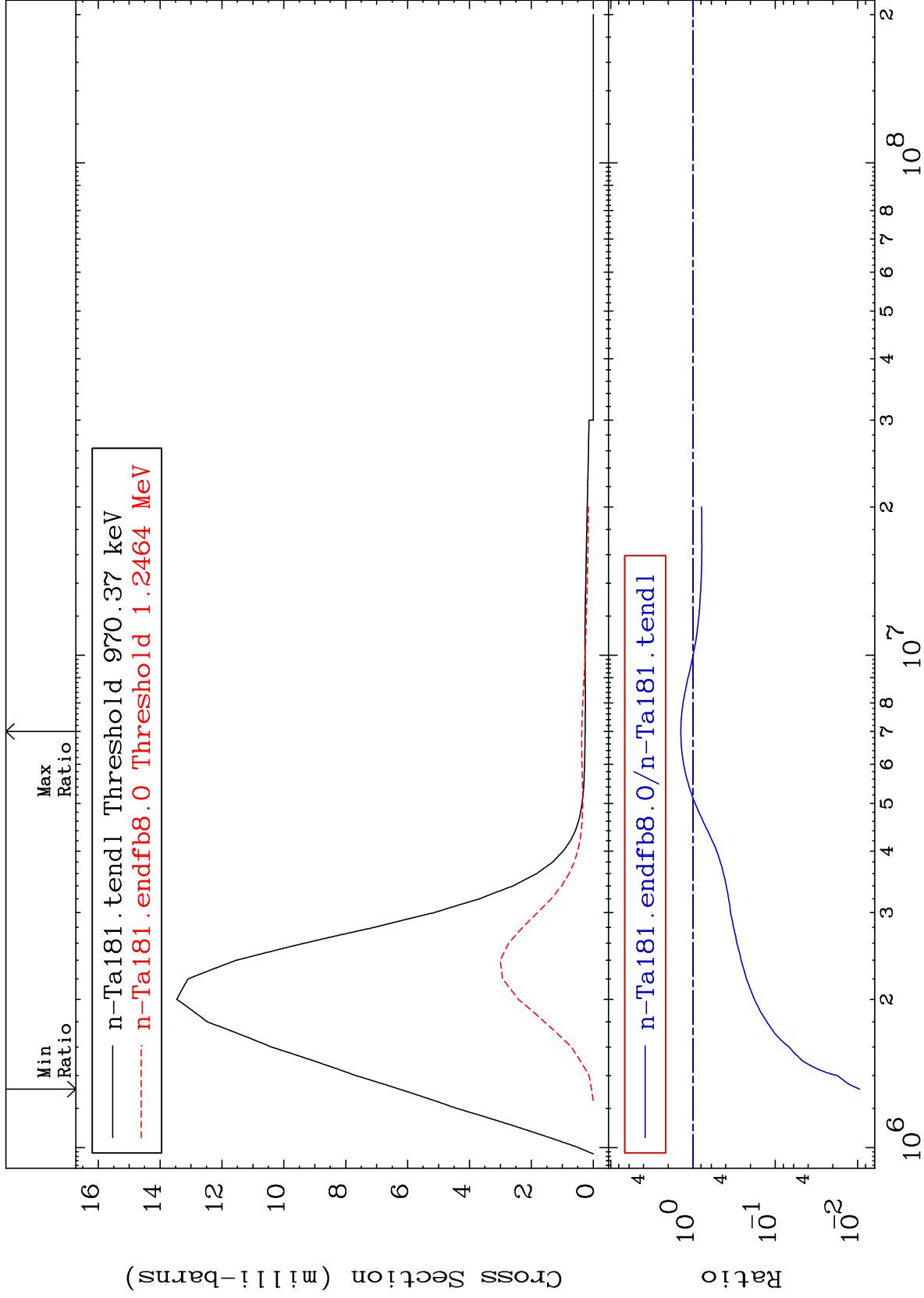
⁷³Ta-181
-95.67 To 319.0 %



MAT 7328

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

⁷³Ta-181
-99.05 To 41.00 %



23

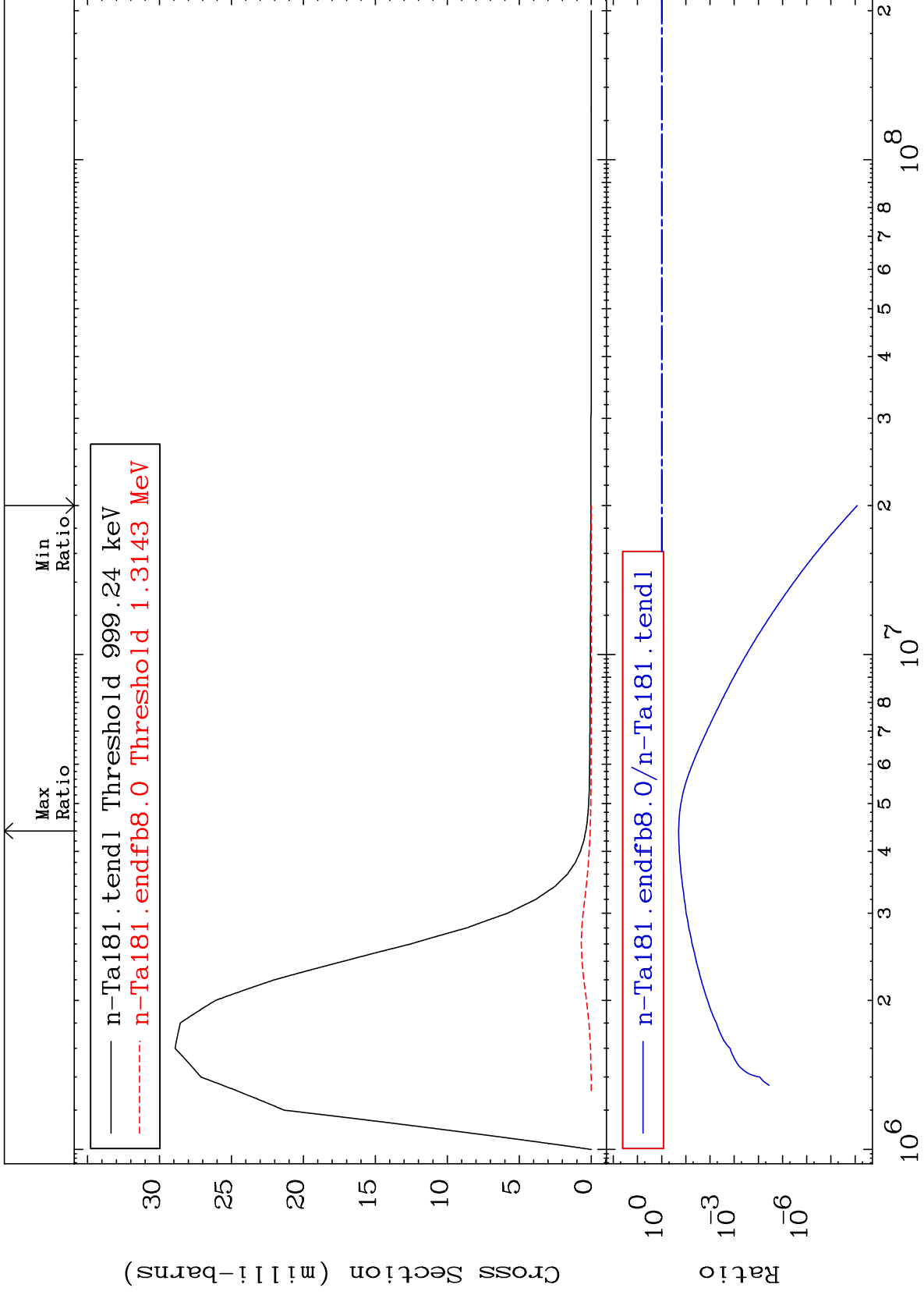
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-100.0 To -80.11%



24

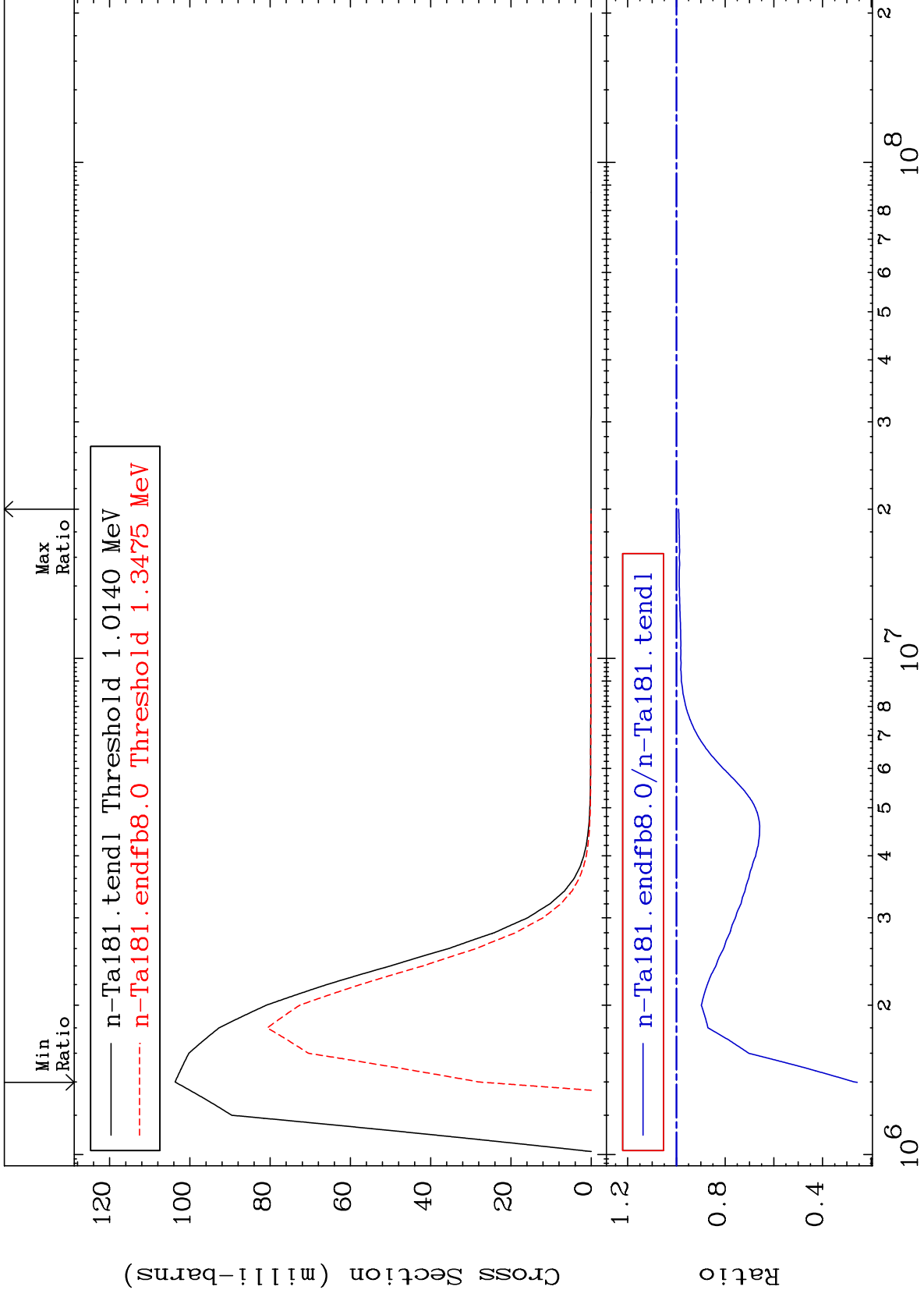
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-74.26 To -0.908%



25

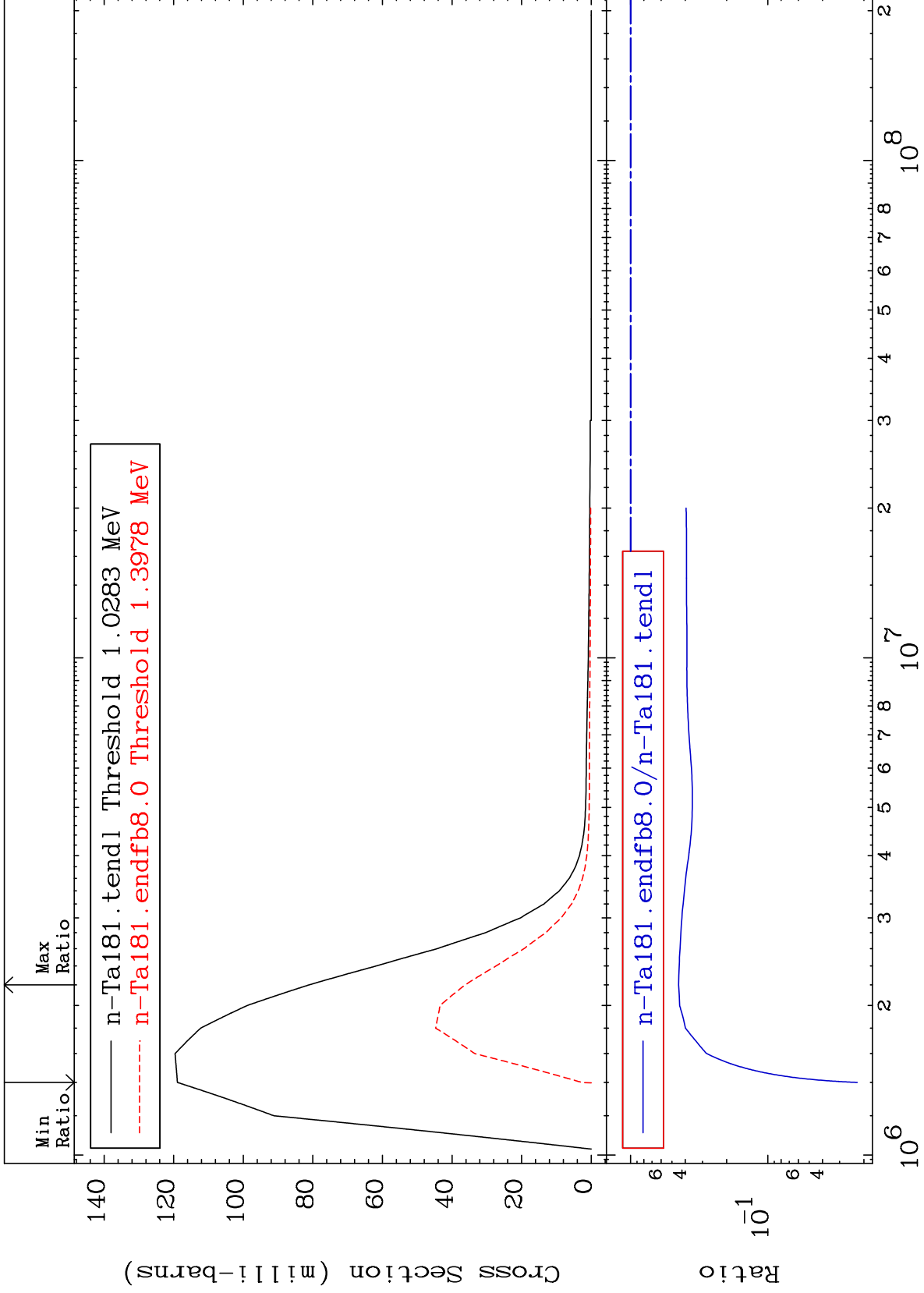
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-97.77 To -55.30%



26

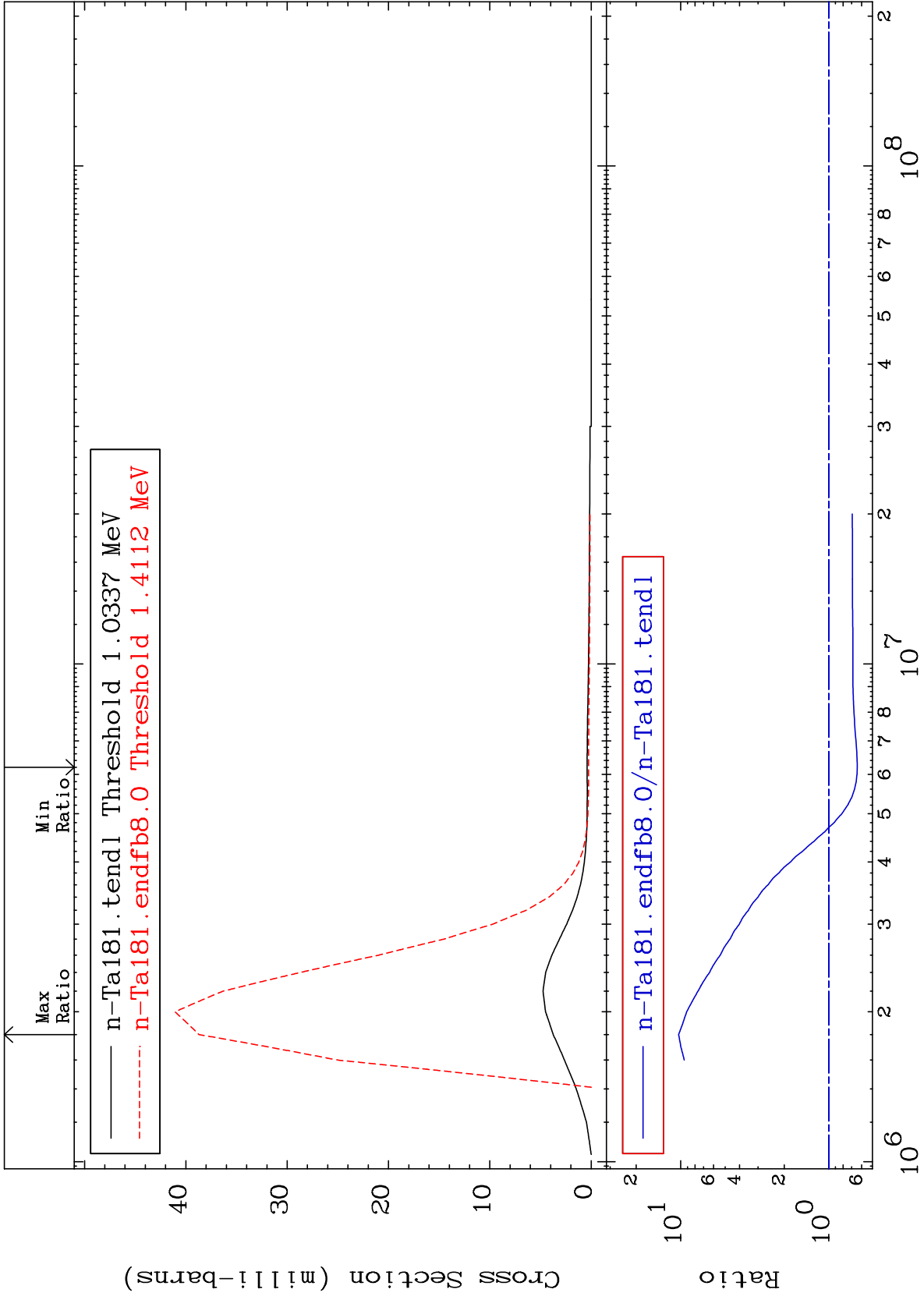
Incident Energy (eV)

⁷³Ta-181

MAT 7328

MT= 70 (n,n') Level
Cross Section

⁷³Ta-181
-35.87 To 932.7 %



27

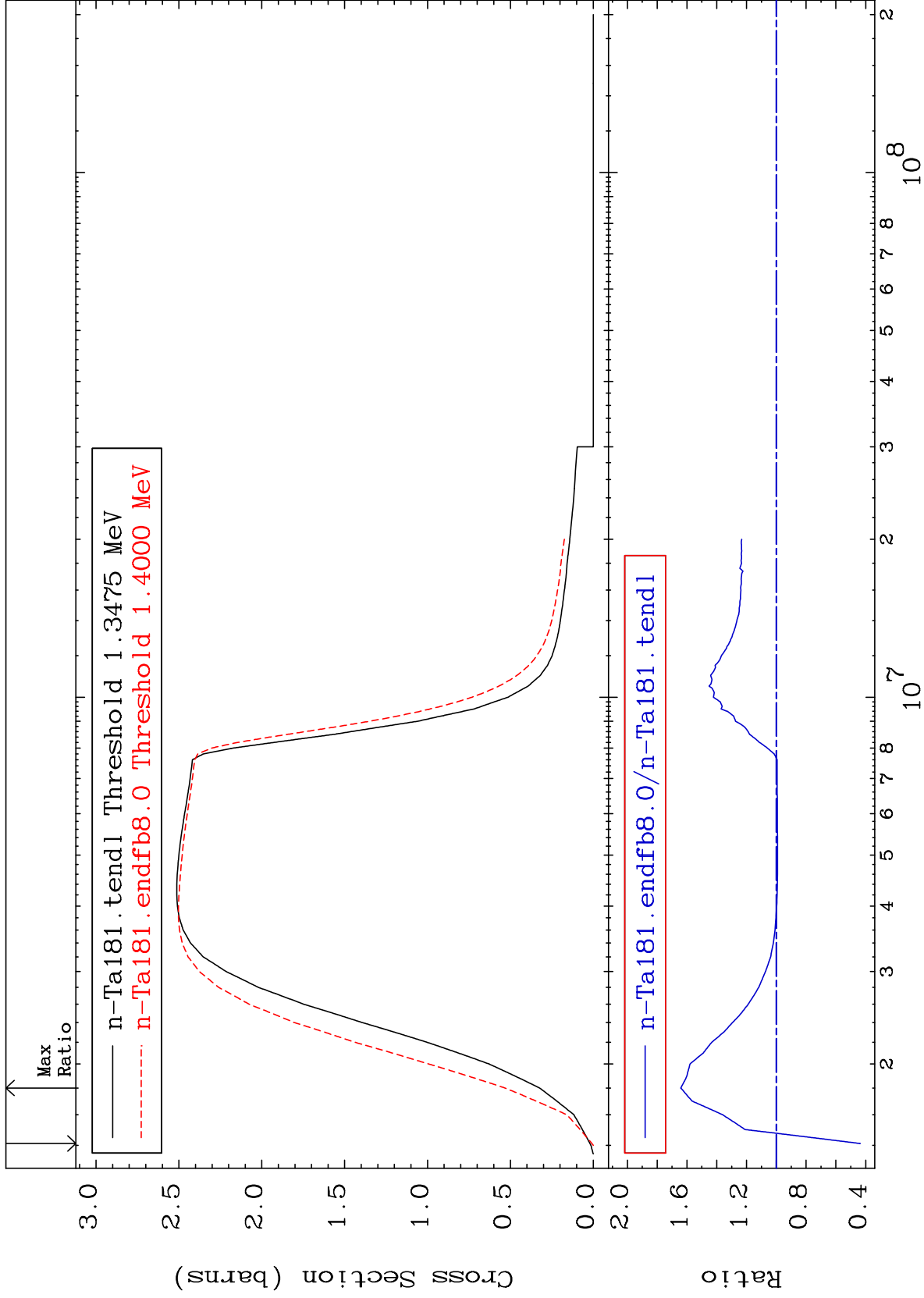
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n, n') Continuum
Cross Section

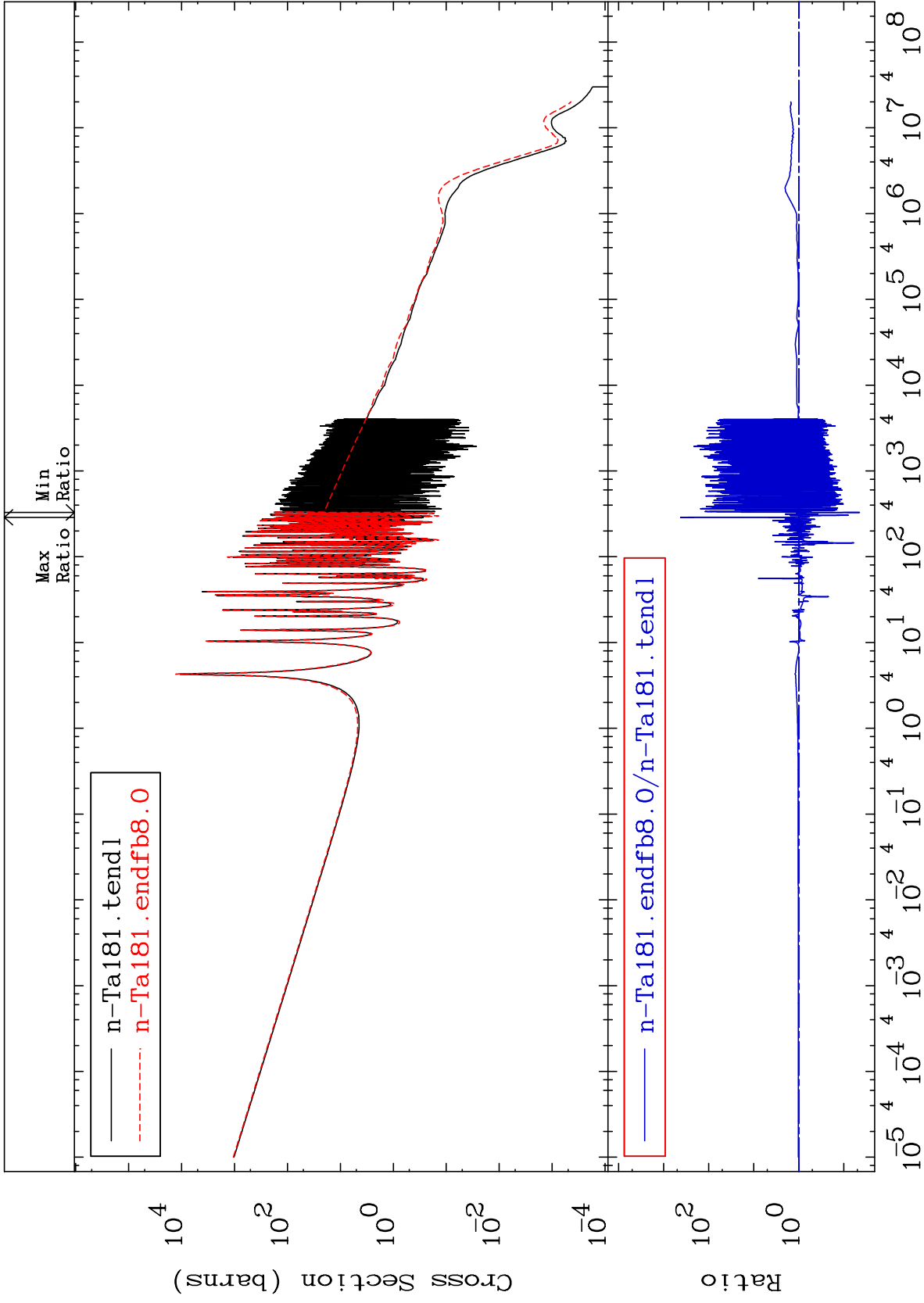
⁷³Ta-181
-55.87 To 64.15 %



MAT 7328

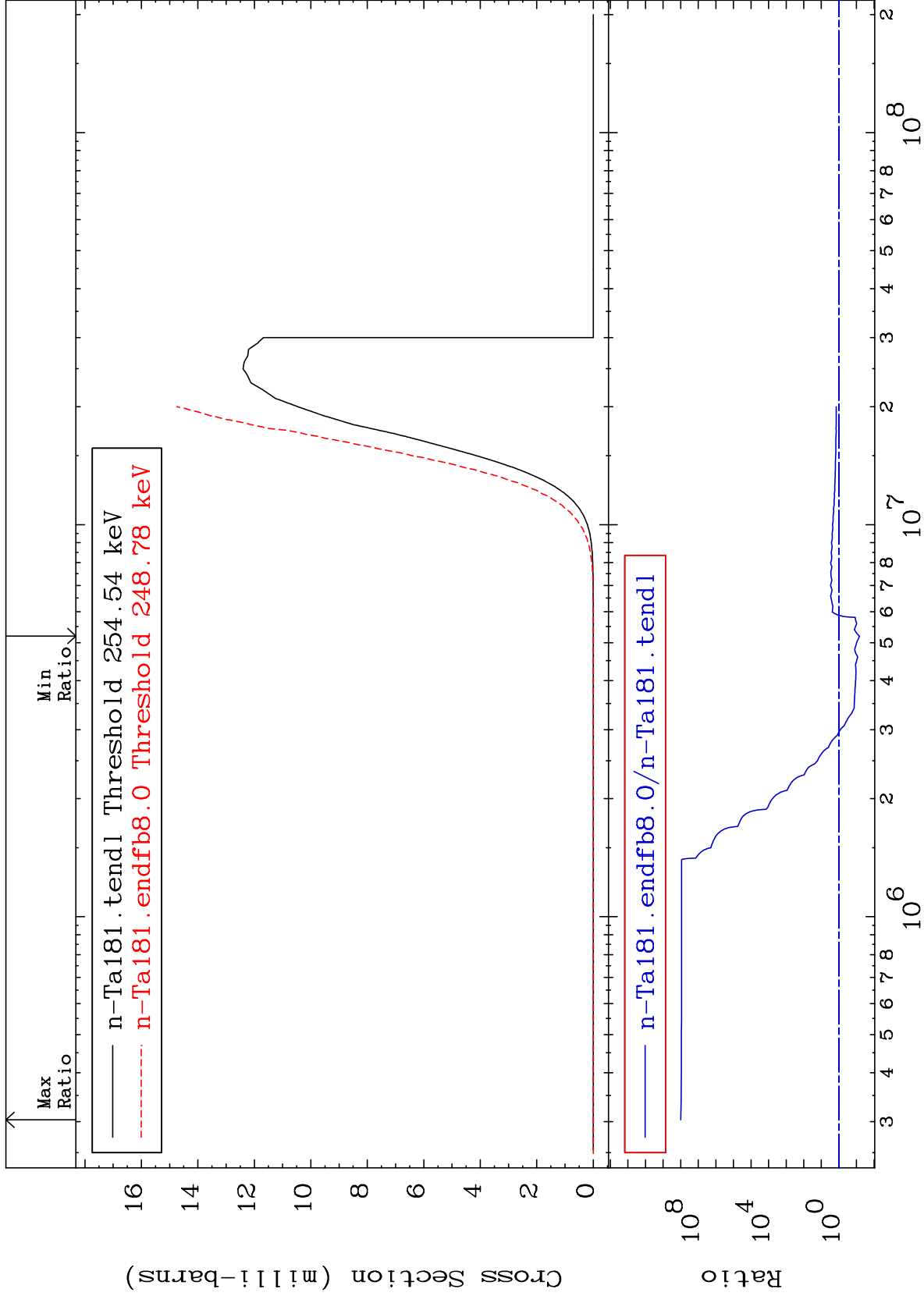
(n, γ)
Cross Section

73-Ta-181
-95.49 To 9999. %



Cross Section

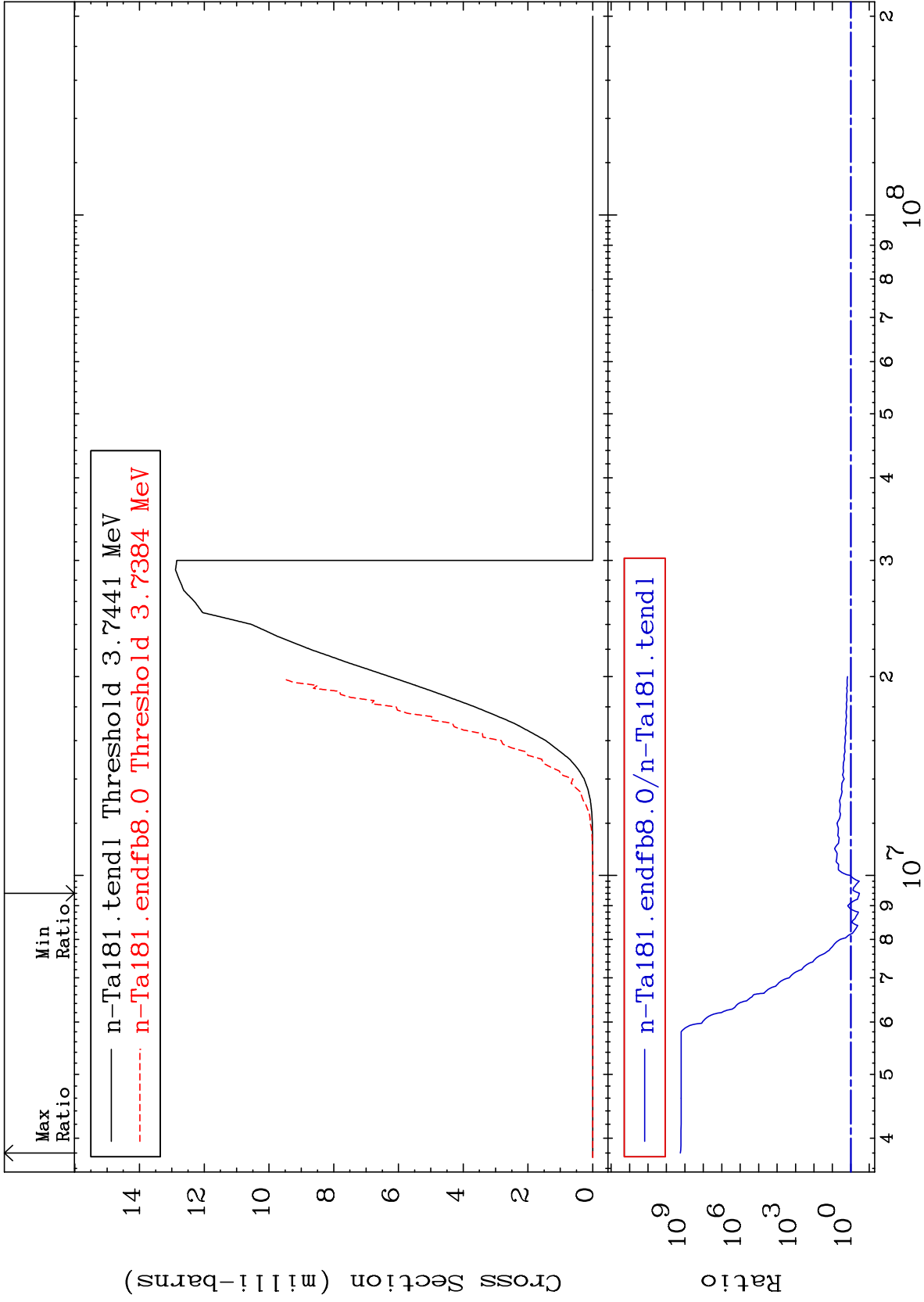
-93.28 To 9999. %



MAT 7328

(n, d)
Cross Section

⁷³Ta-181
-65.78 To 9999. %



31

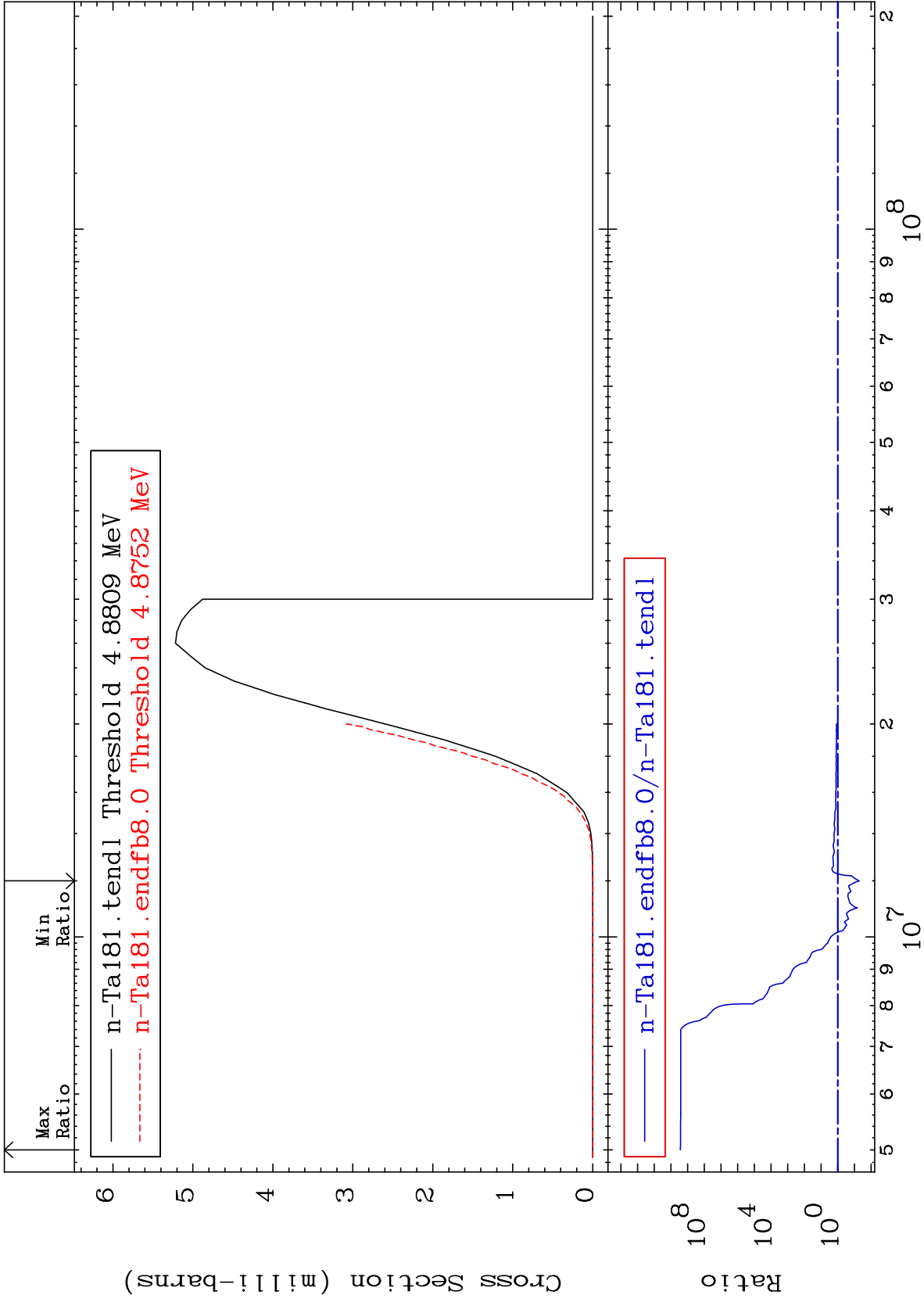
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n, t)
Cross Section

⁷³Ta-181
-95.05 To 9999. %



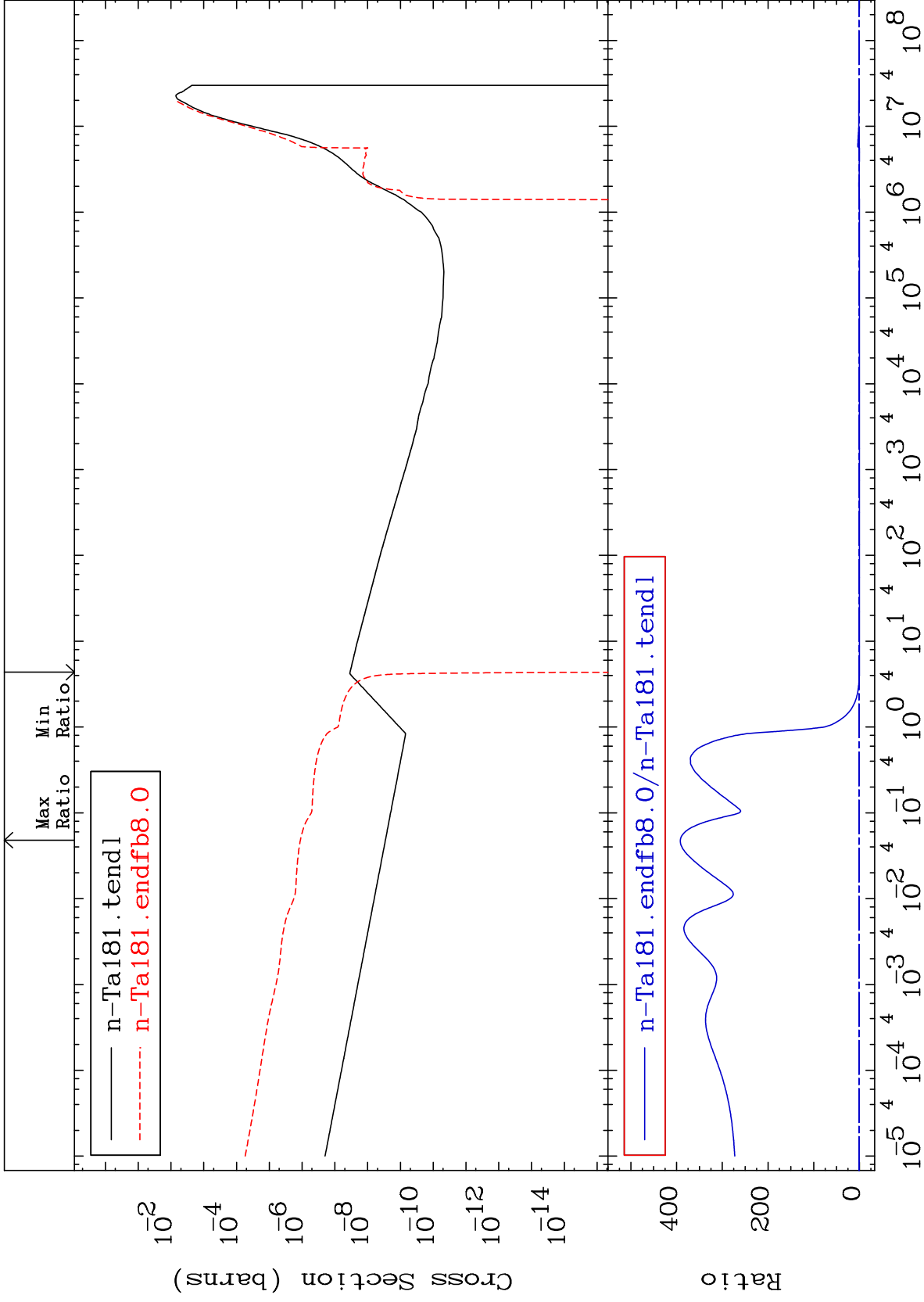
32

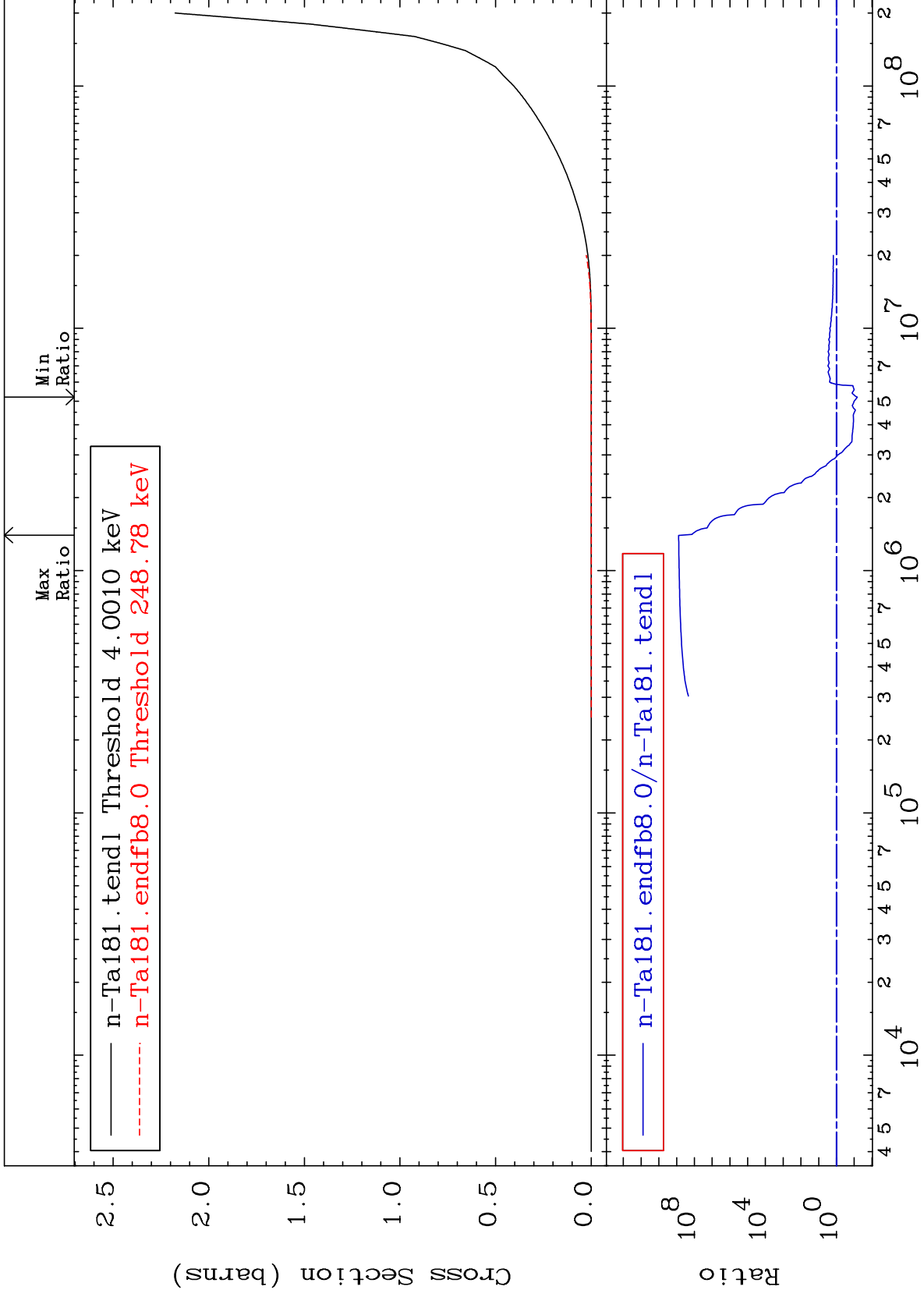
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n, α)
Cross Section
-100.0 To 9999. %
73-Ta-181

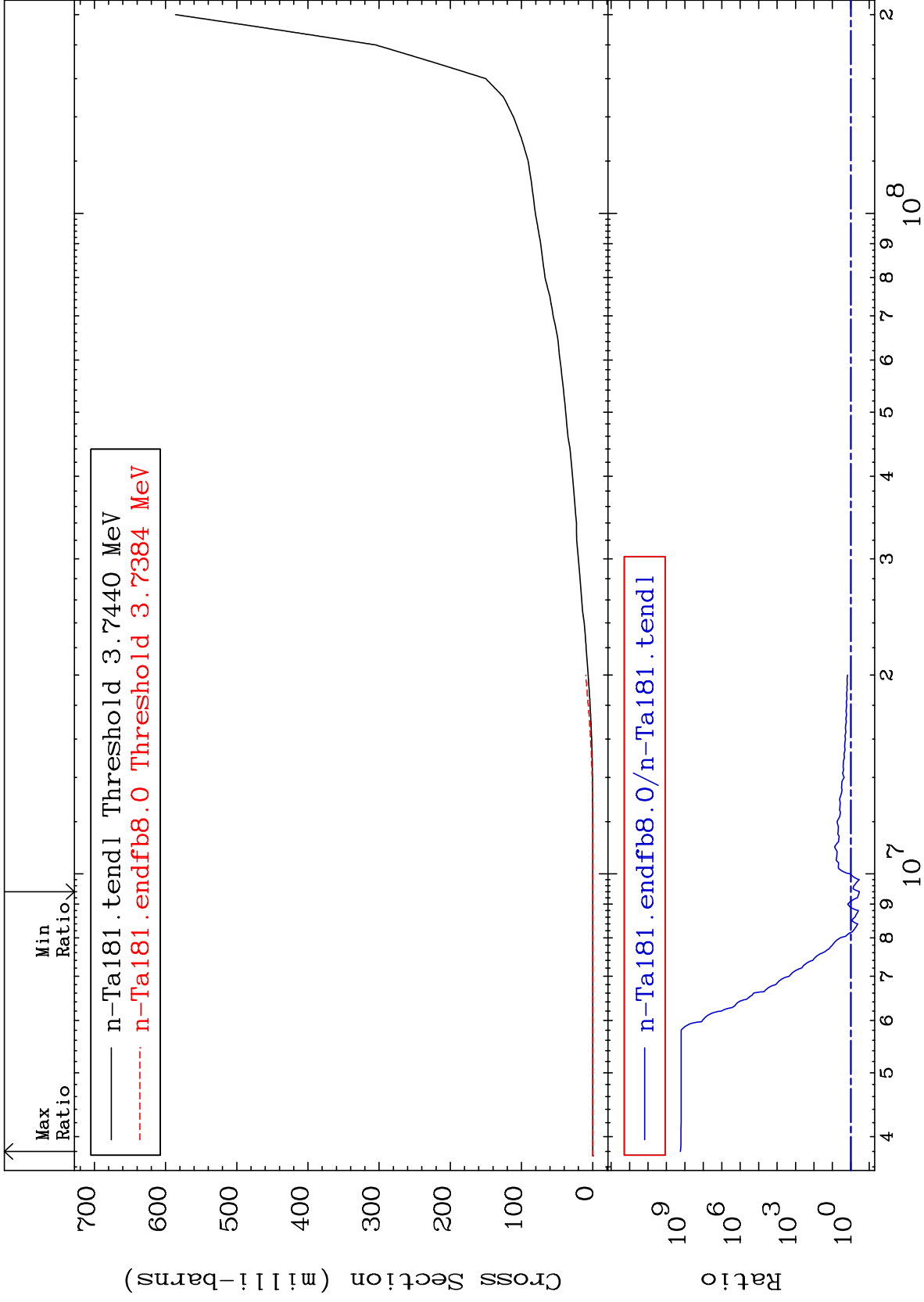


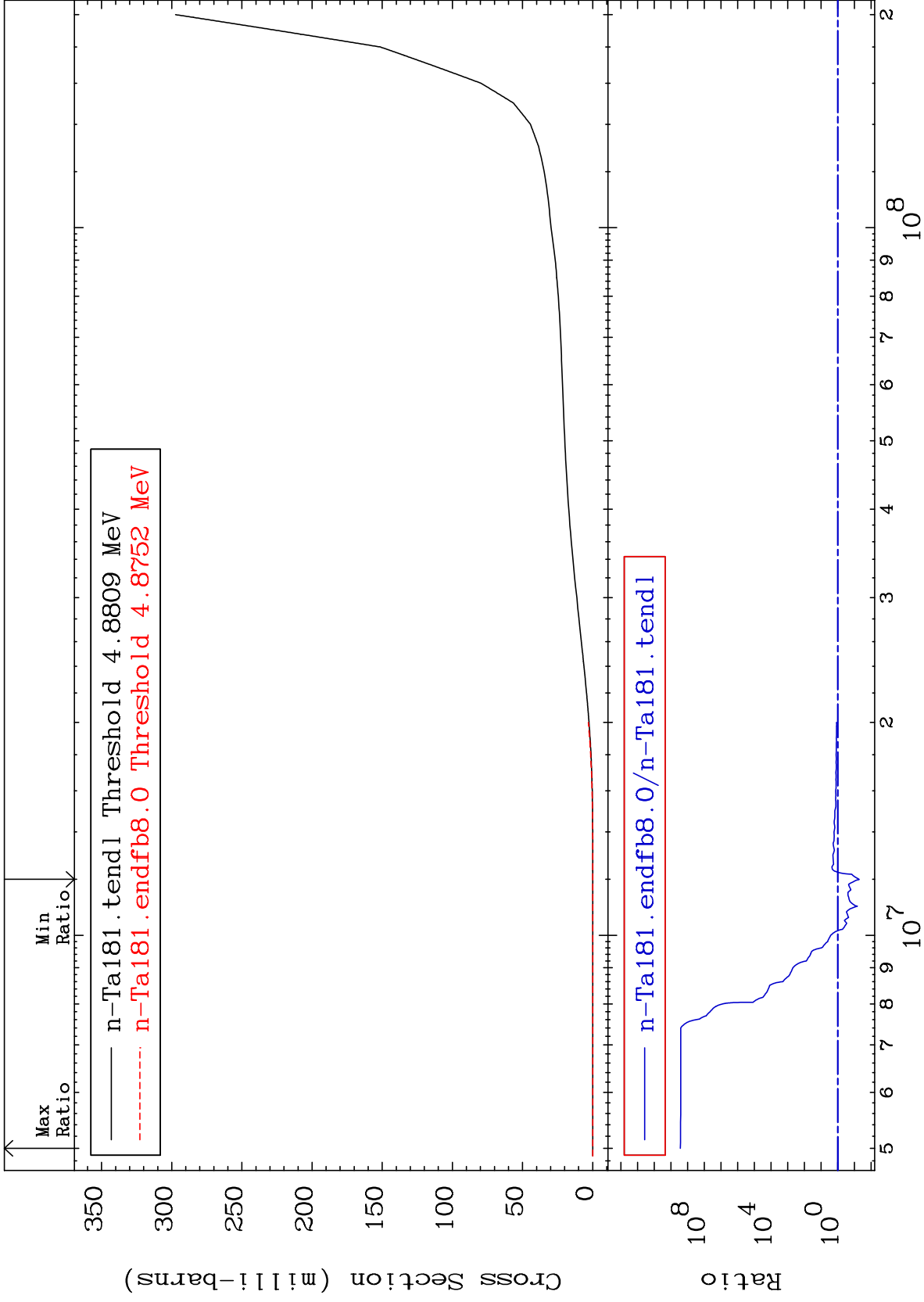


MAT 7328

Deuterium Production
Cross Section

⁷³Ta-¹⁸¹
-65.78 To 9999. %

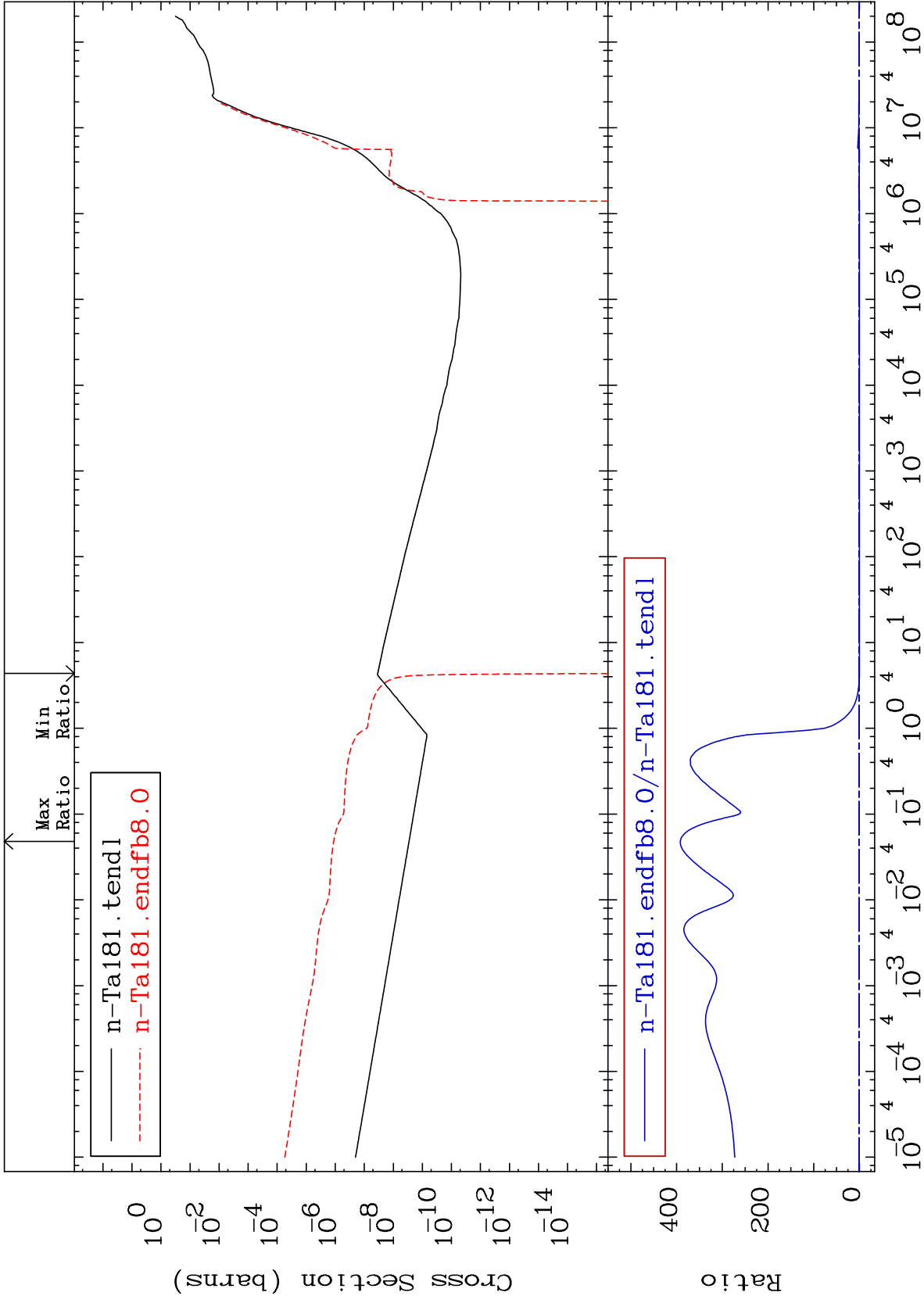


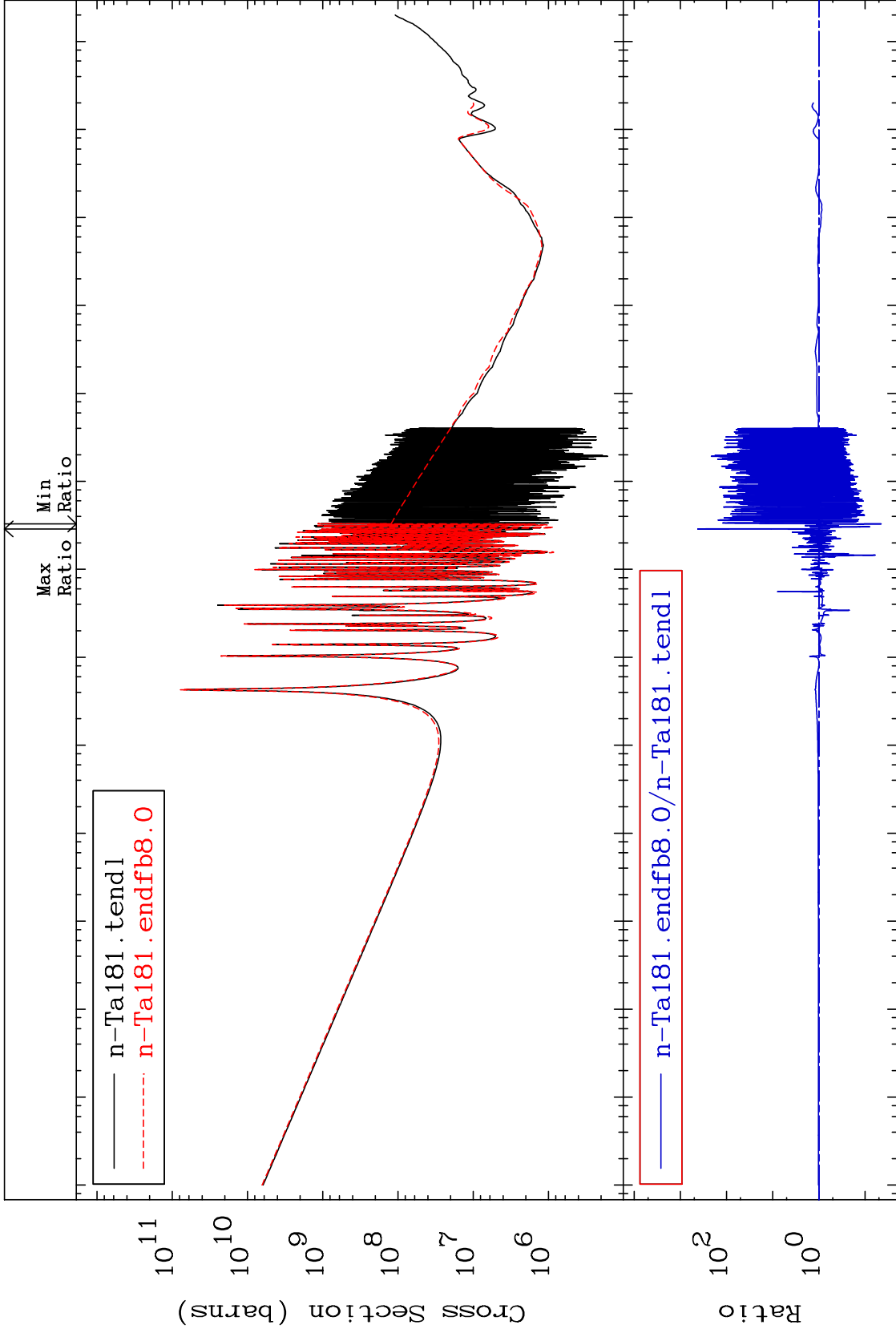


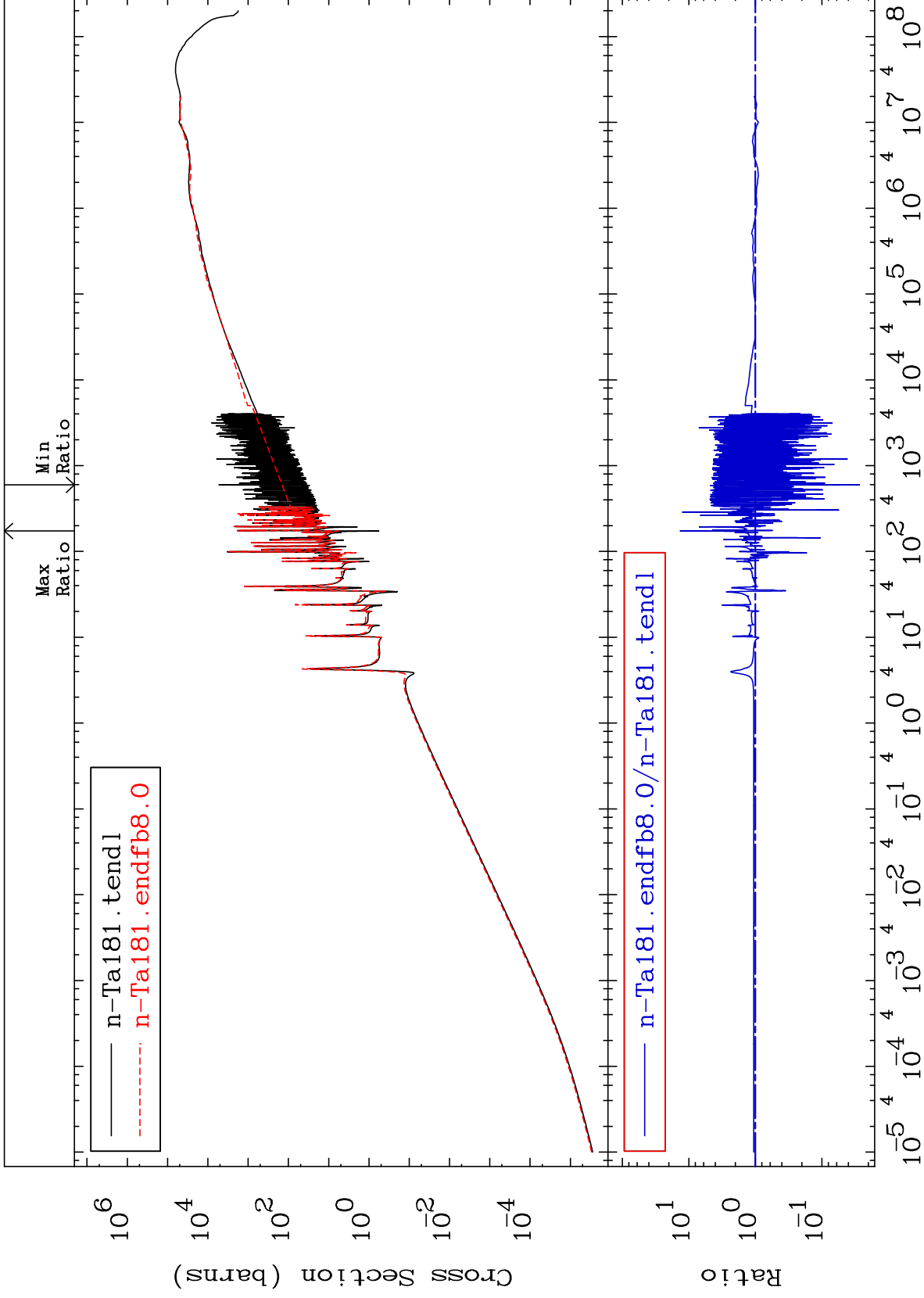
MAT 7328

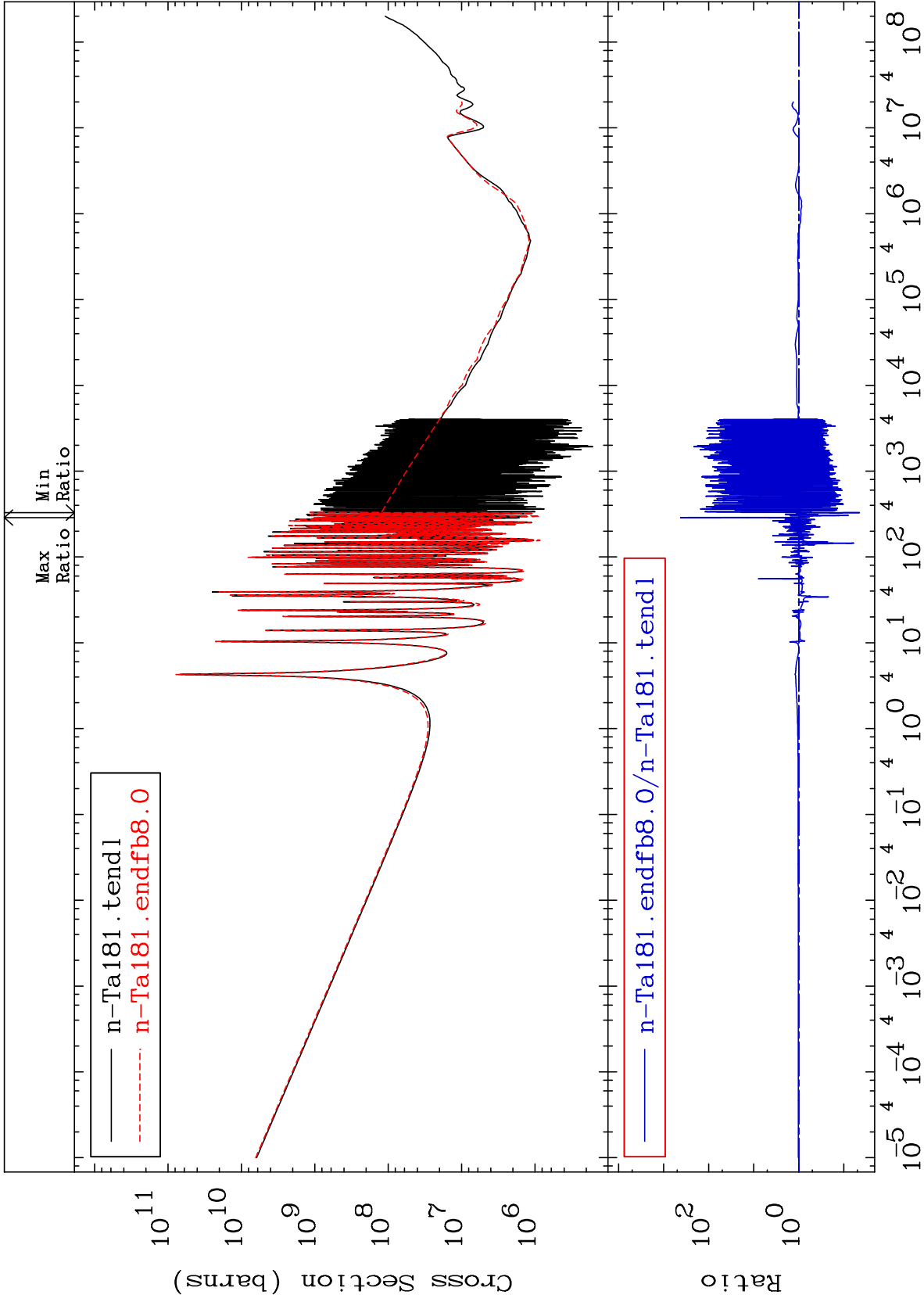
He-4 Production
Cross Section

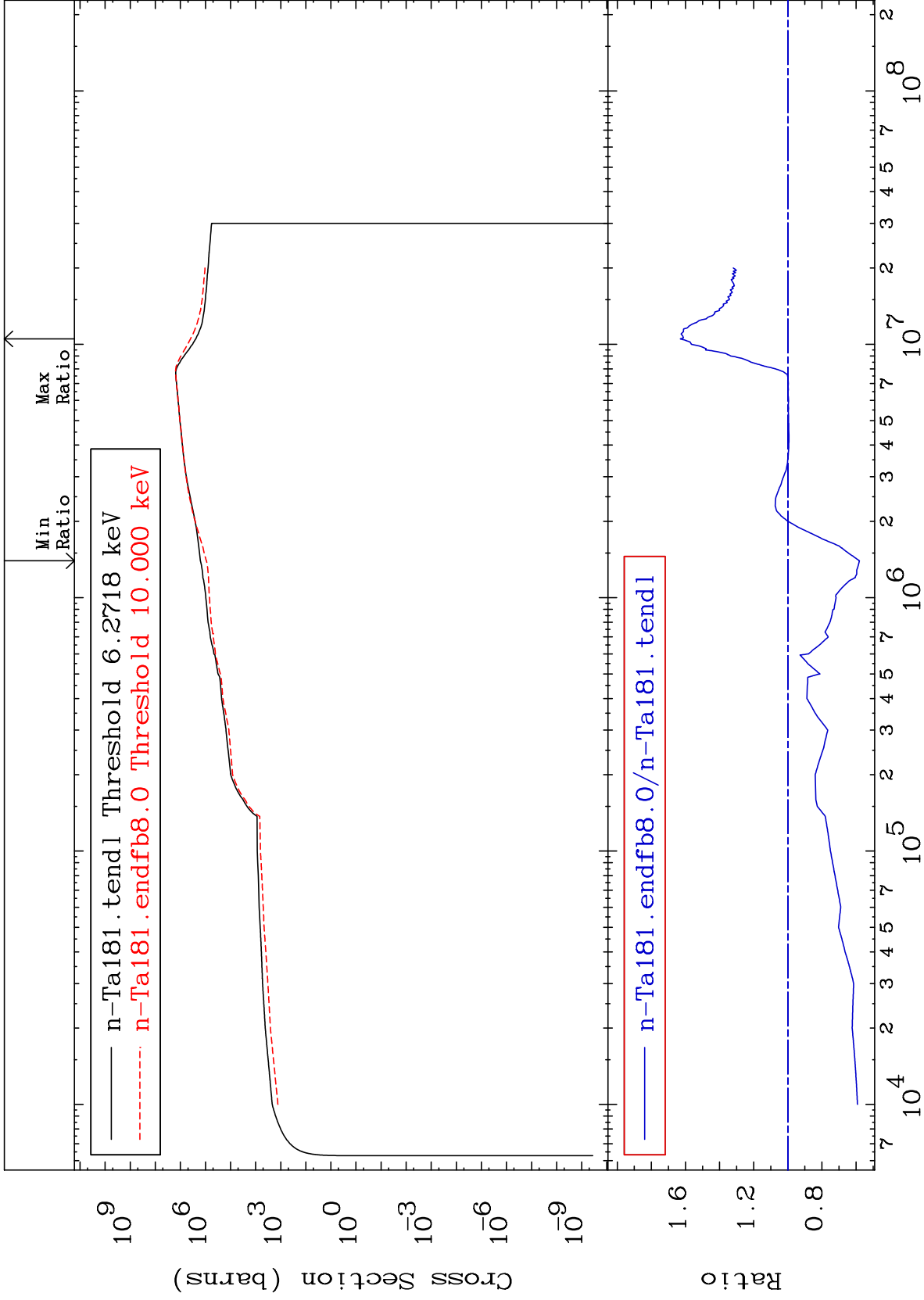
⁷³Ta-¹⁸¹
-100.0 To 9999. %







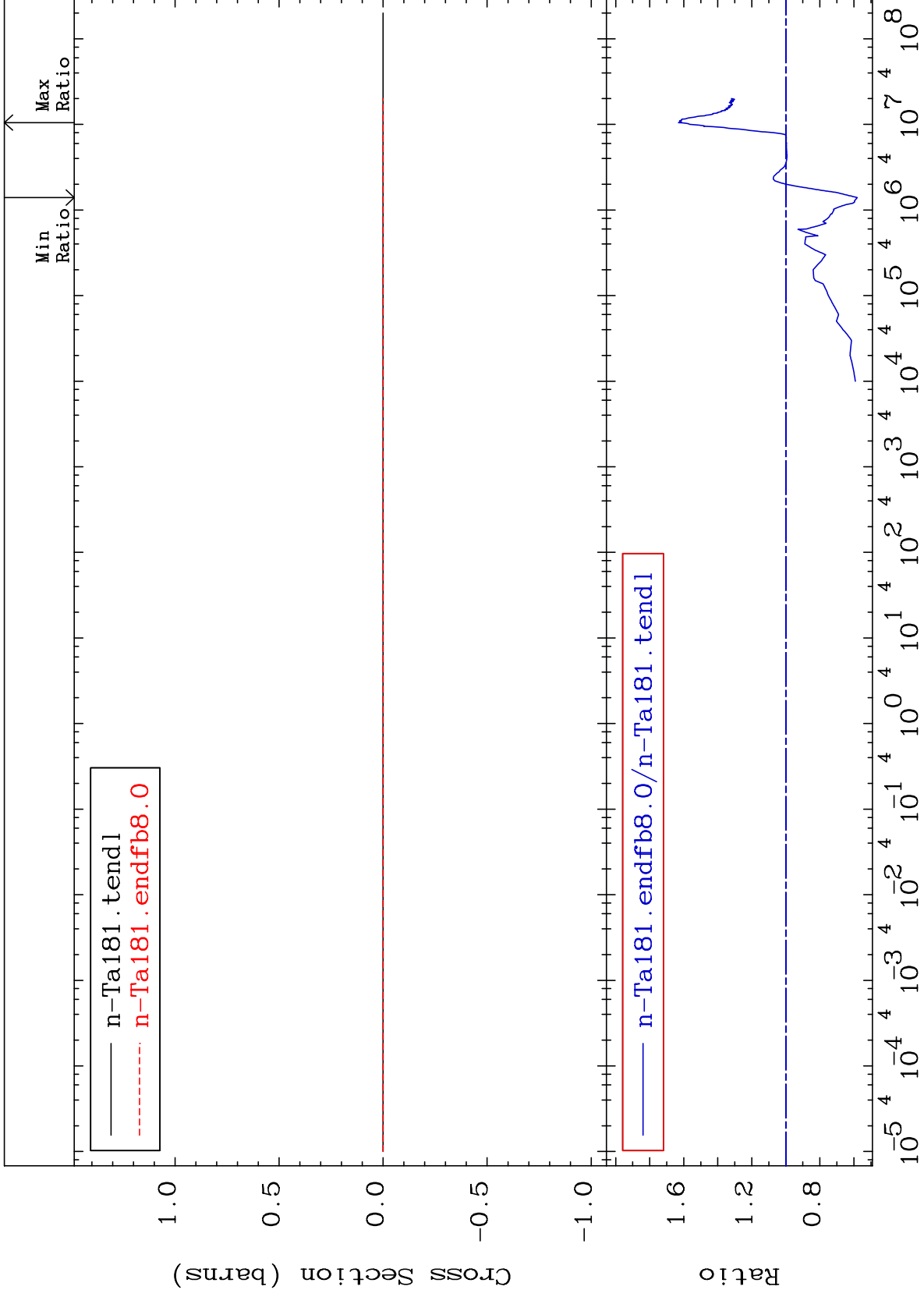


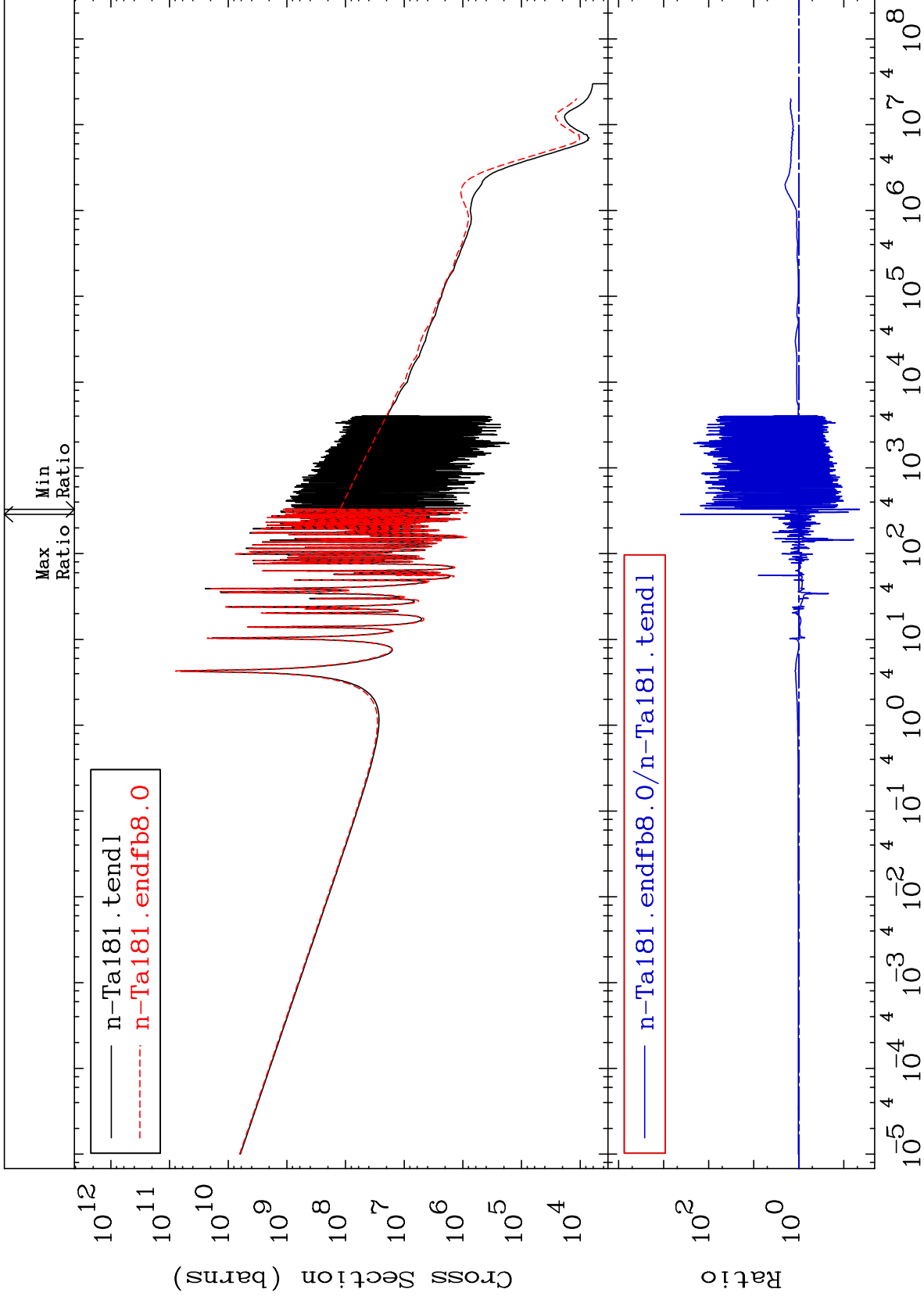


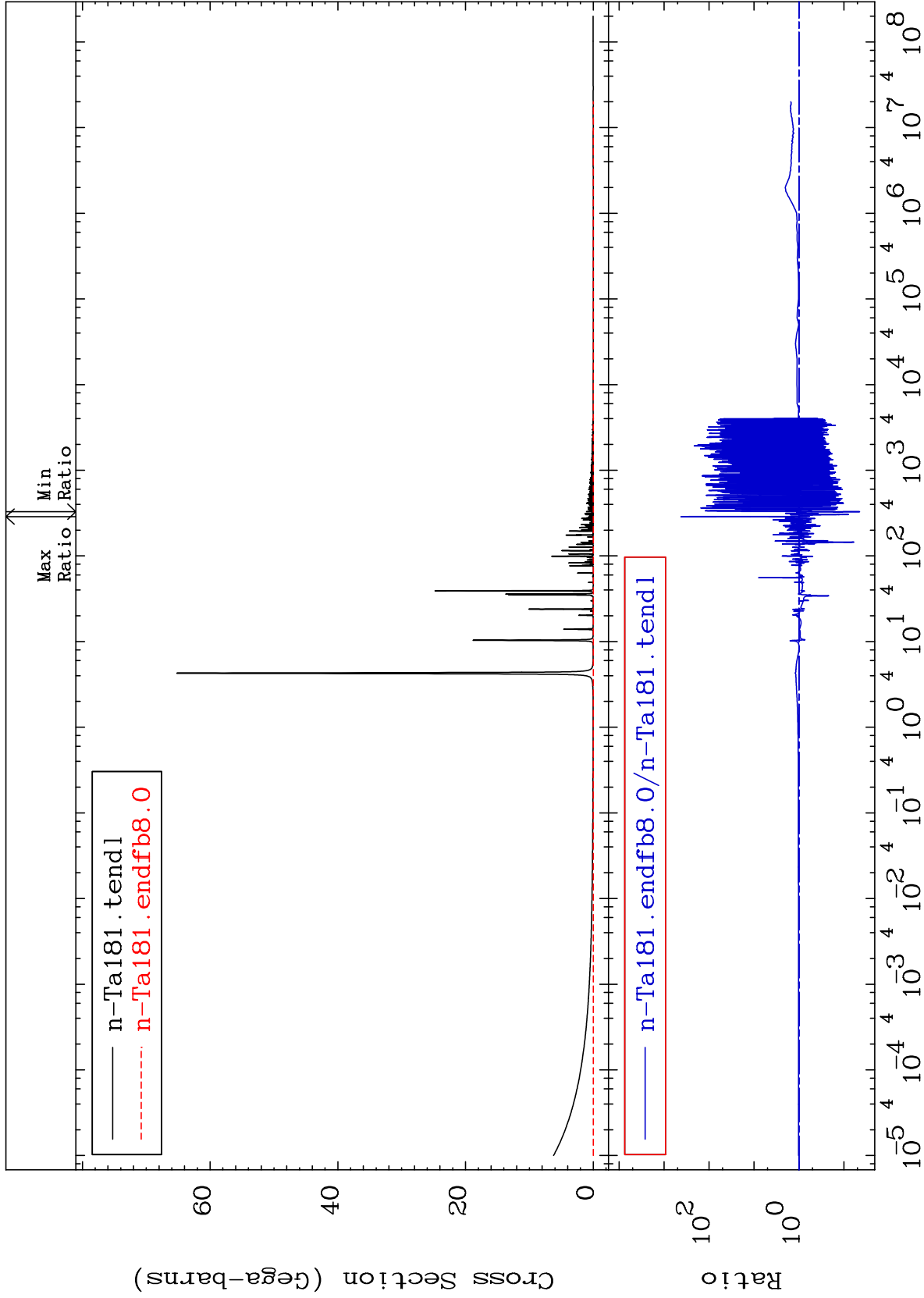
MAT 7328

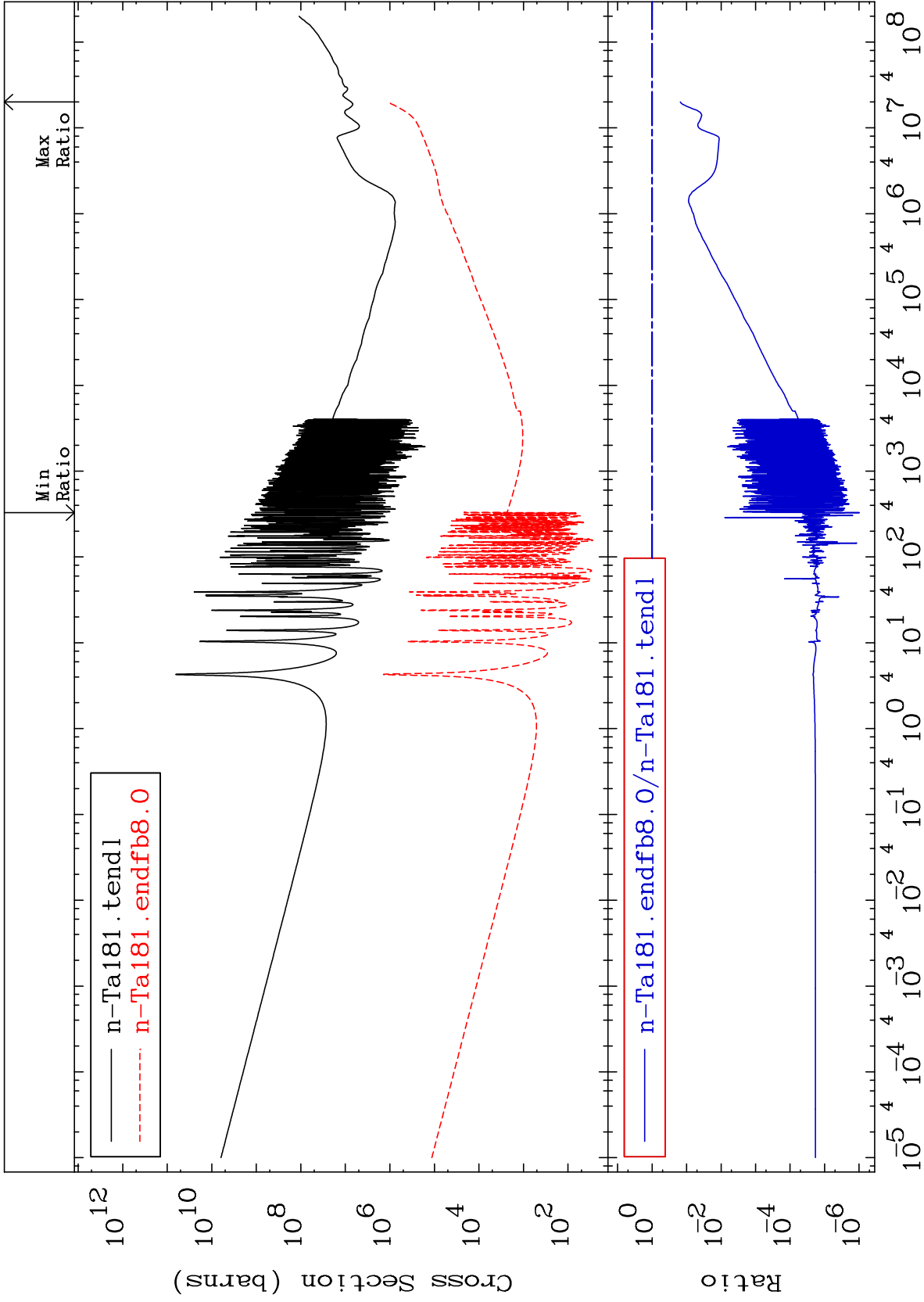
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

73-Ta-181
-41.97 To 63.01 %







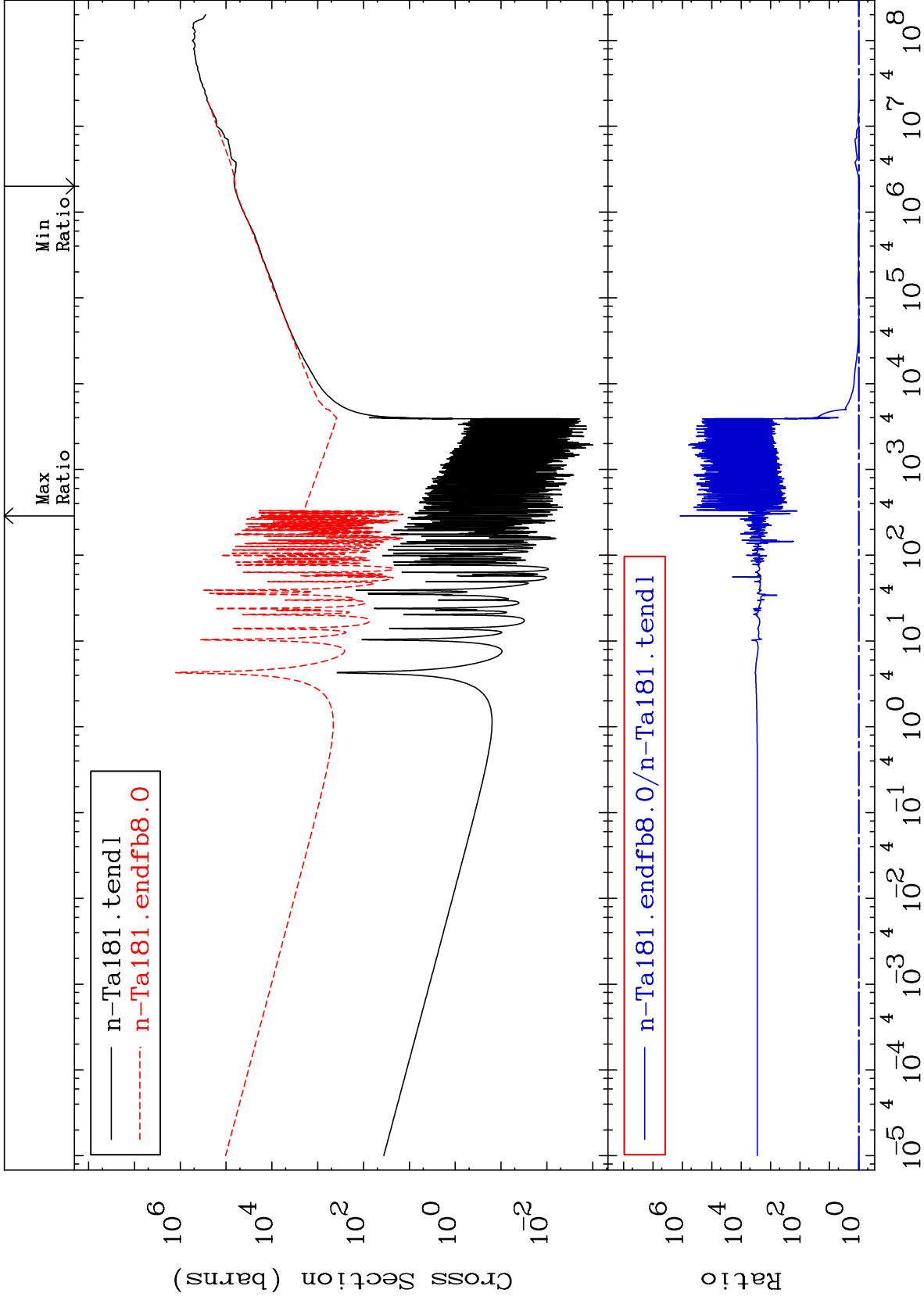


MAT 7328

Dpa total (eV-barns)

⁷³Ta-181

-4.140 To 9999. %



46

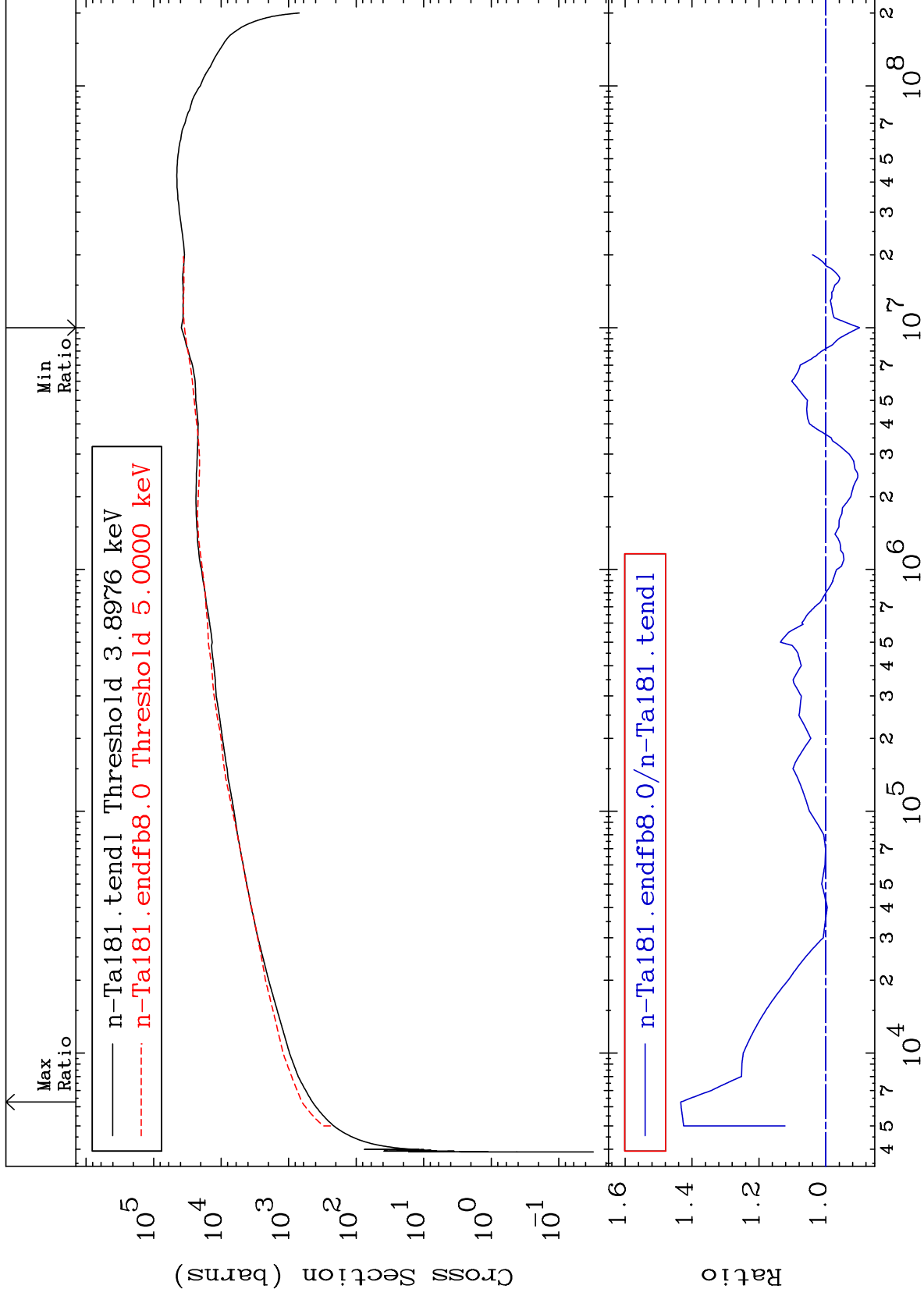
Incident Energy (eV)

⁷³Ta-181

MAT 7328

Dpa elastic (mt2)
Cross Section

73-Ta-181
-10.06 To 43.37 %



47

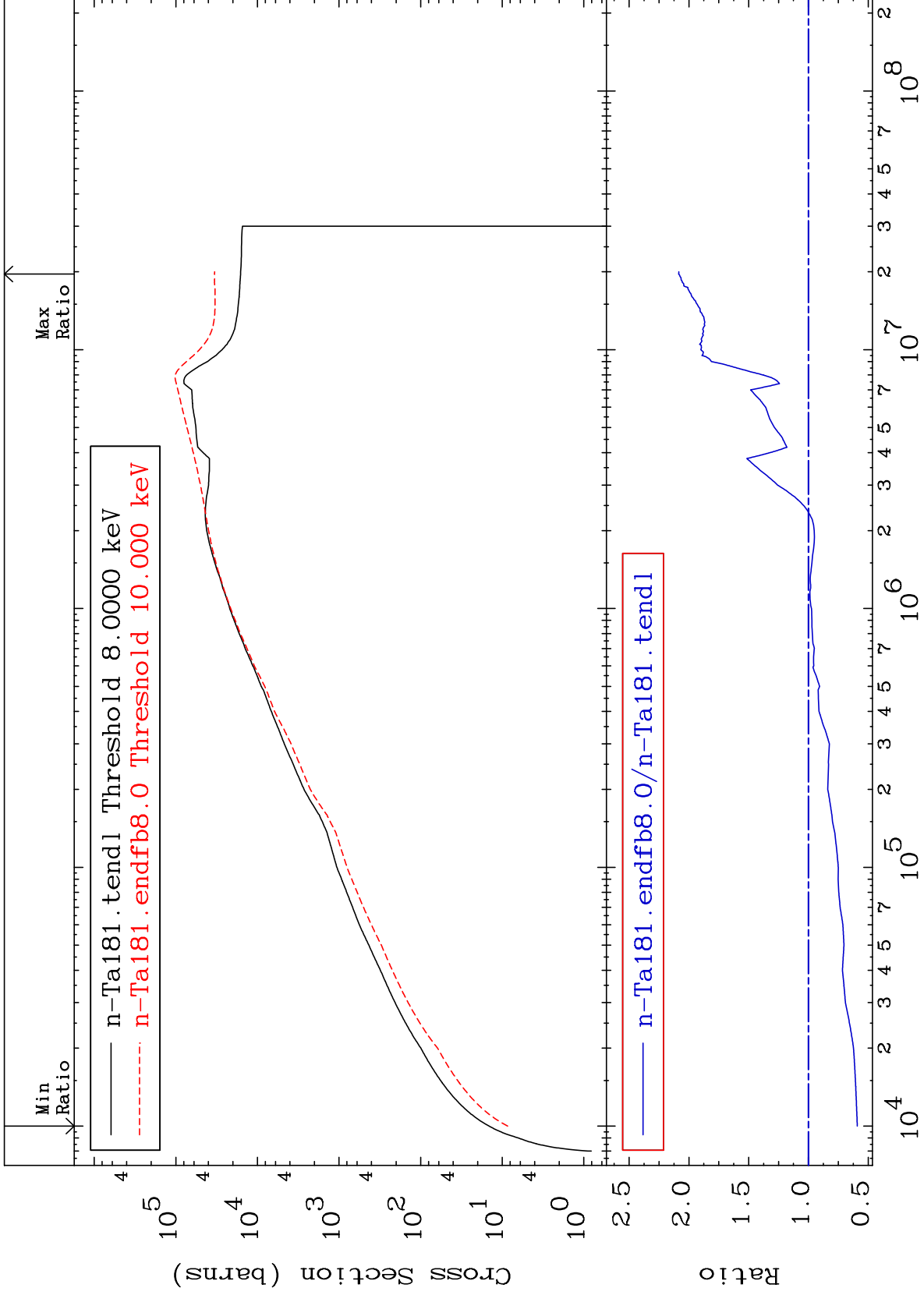
Incident Energy (eV)

73-Ta-181

MAT 7328

Dpa inelastic (mt51-91)
Cross Section

⁷³Ta-¹⁸¹
-40.85 To 108.6 %



48

Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

Dpa disappearance (mt102 -120)
Cross Section

73-Ta-181
97.00 To 9999. %

