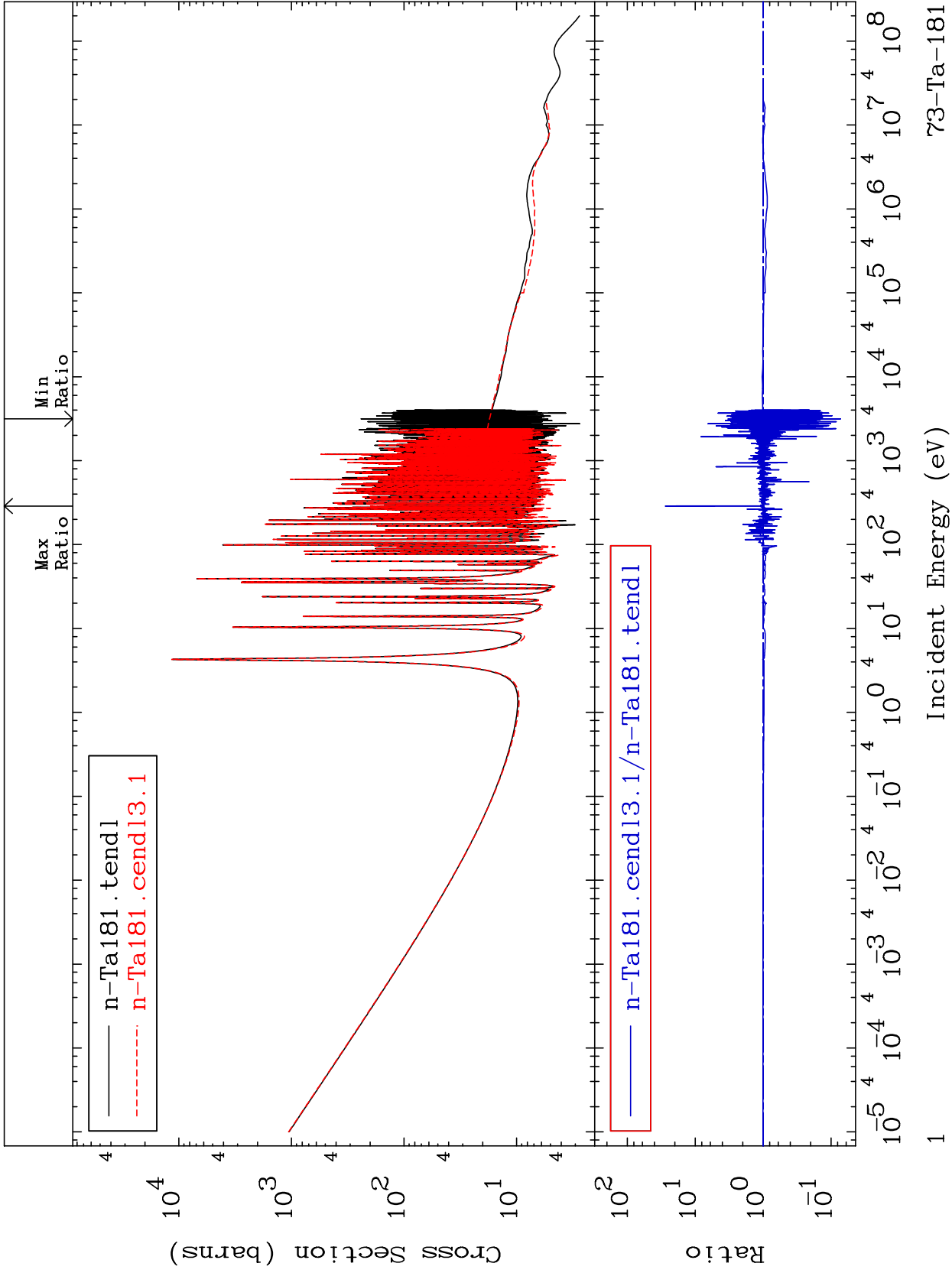


MAT 7328

Total Cross Section
73-Ta-181
-92.77 To 2643. %



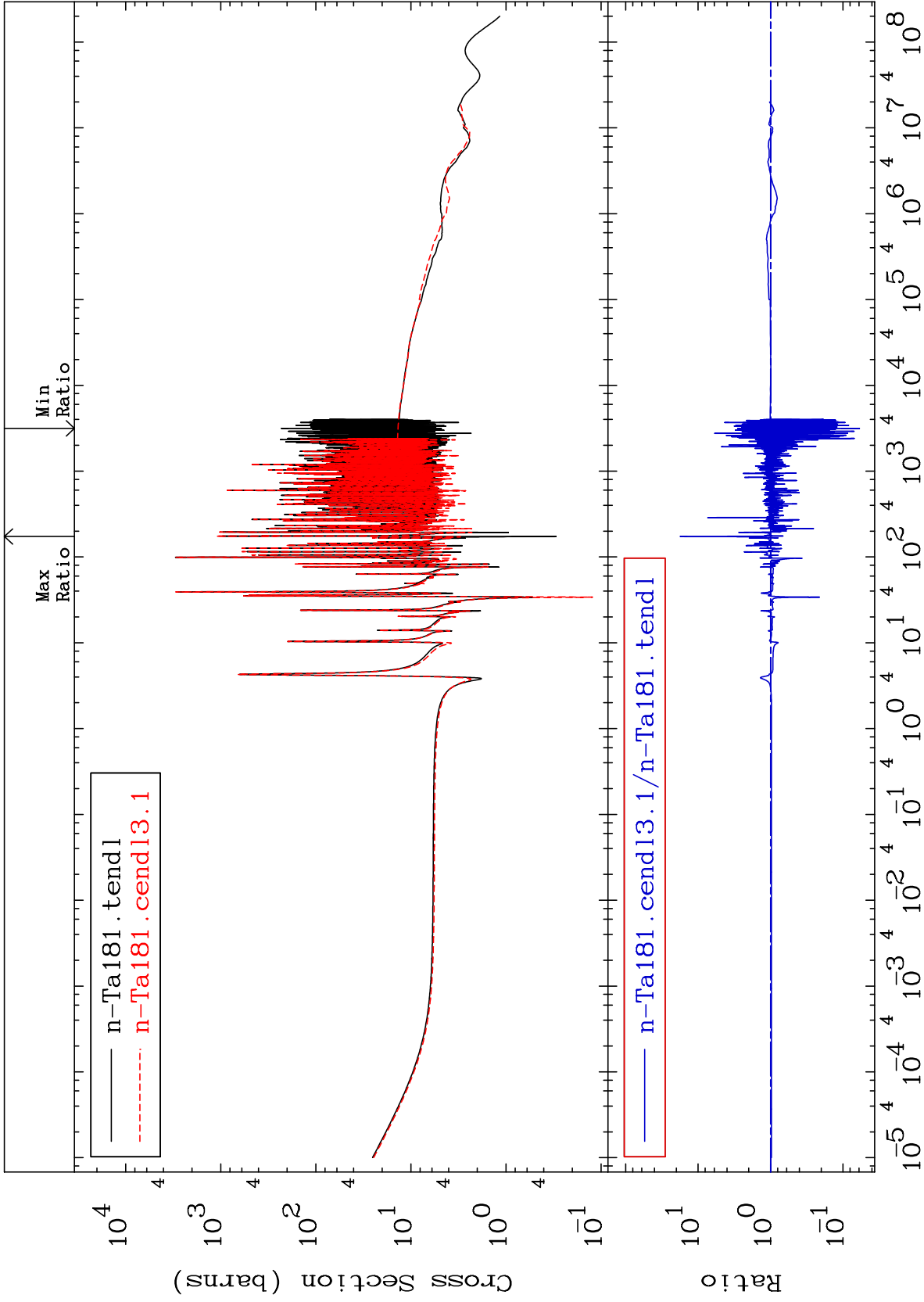
MAT 7328

Elastic

⁷³Ta-181

Cross Section

-94.06 To 1660. %



Incident Energy (eV)

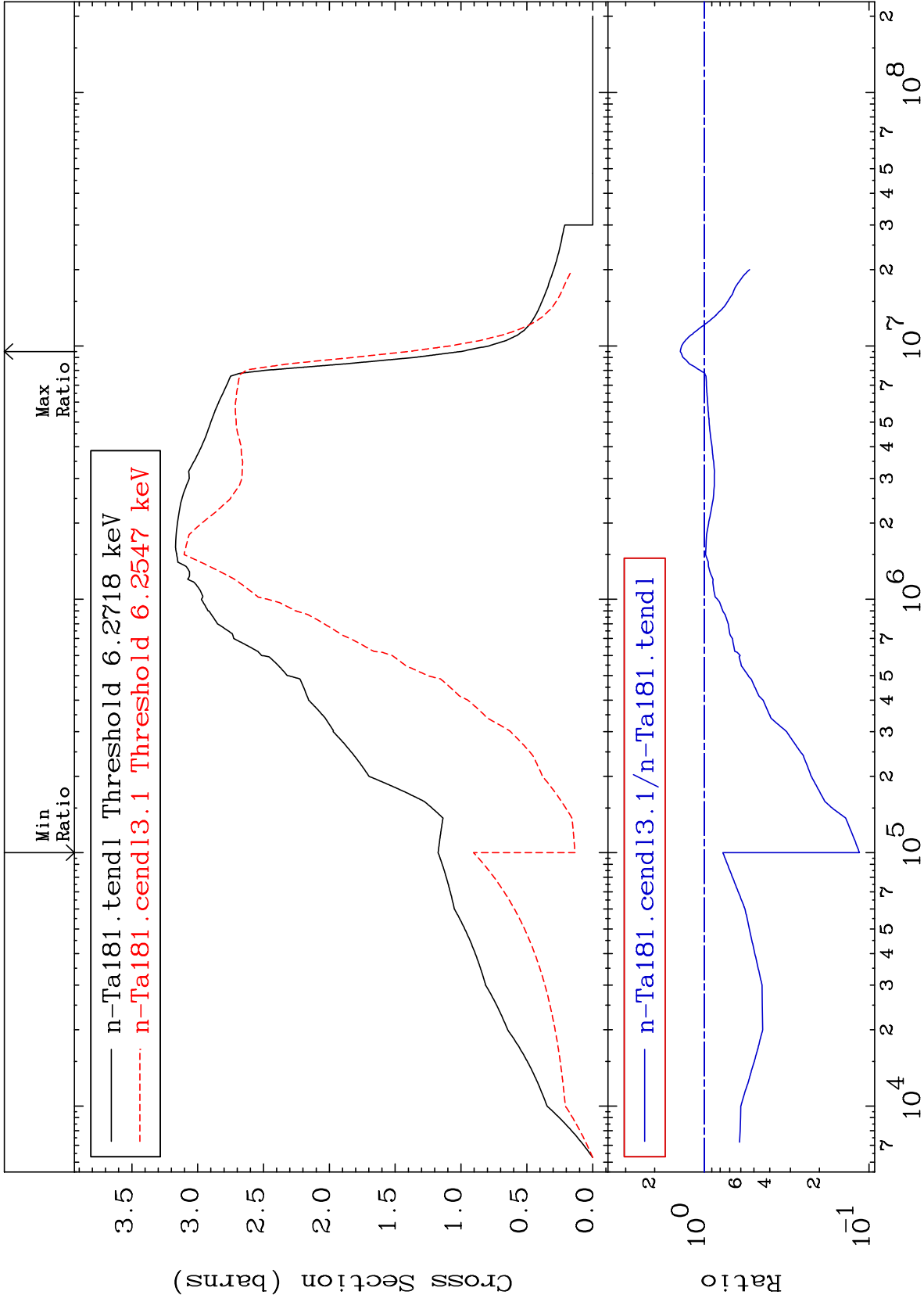
⁷³Ta-181

2

MAT 7328

Inelastic
Cross Section

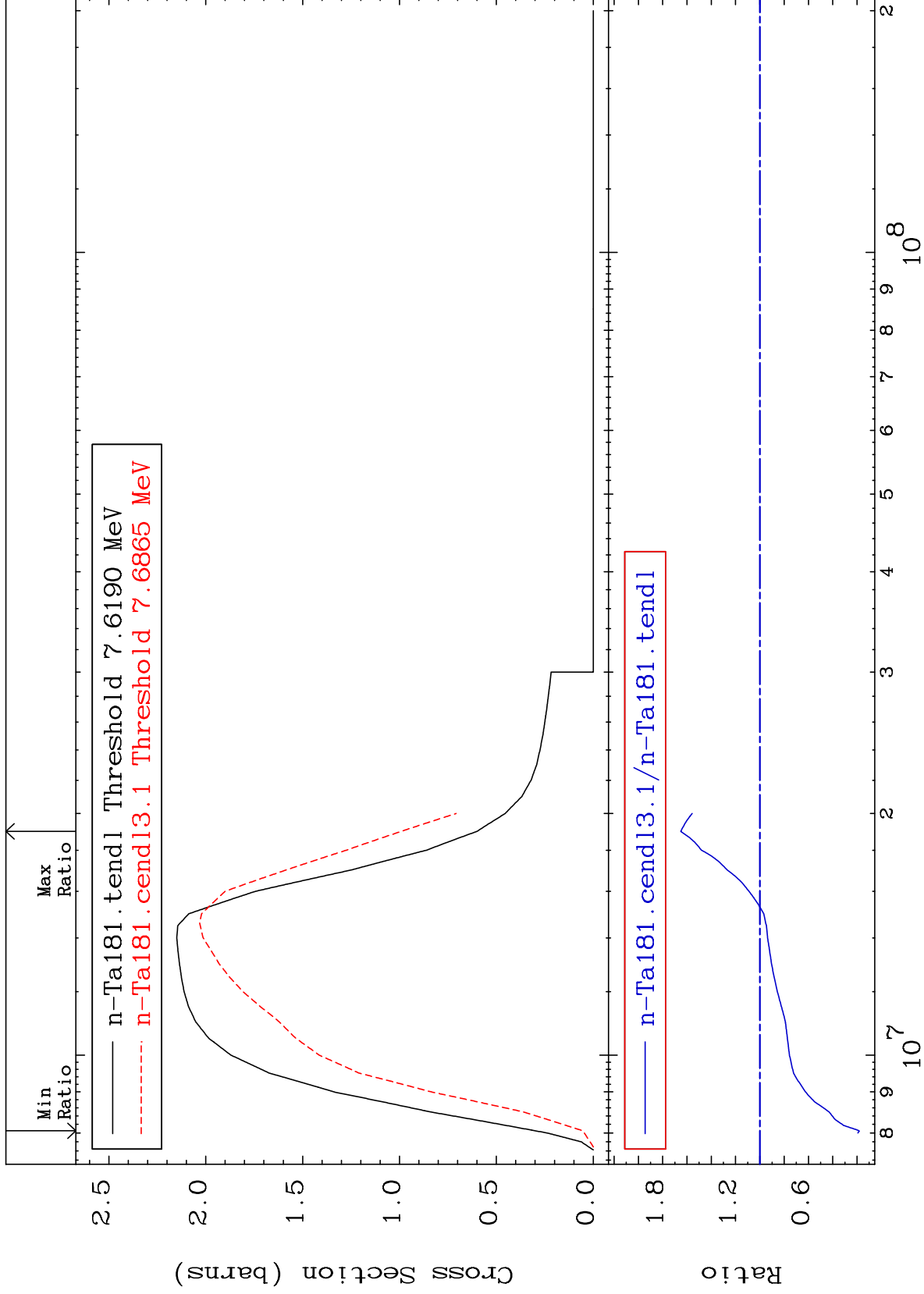
⁷³Ta-181
-88.55 To 39.59 %



MAT 7328

(n,2n)
Cross Section

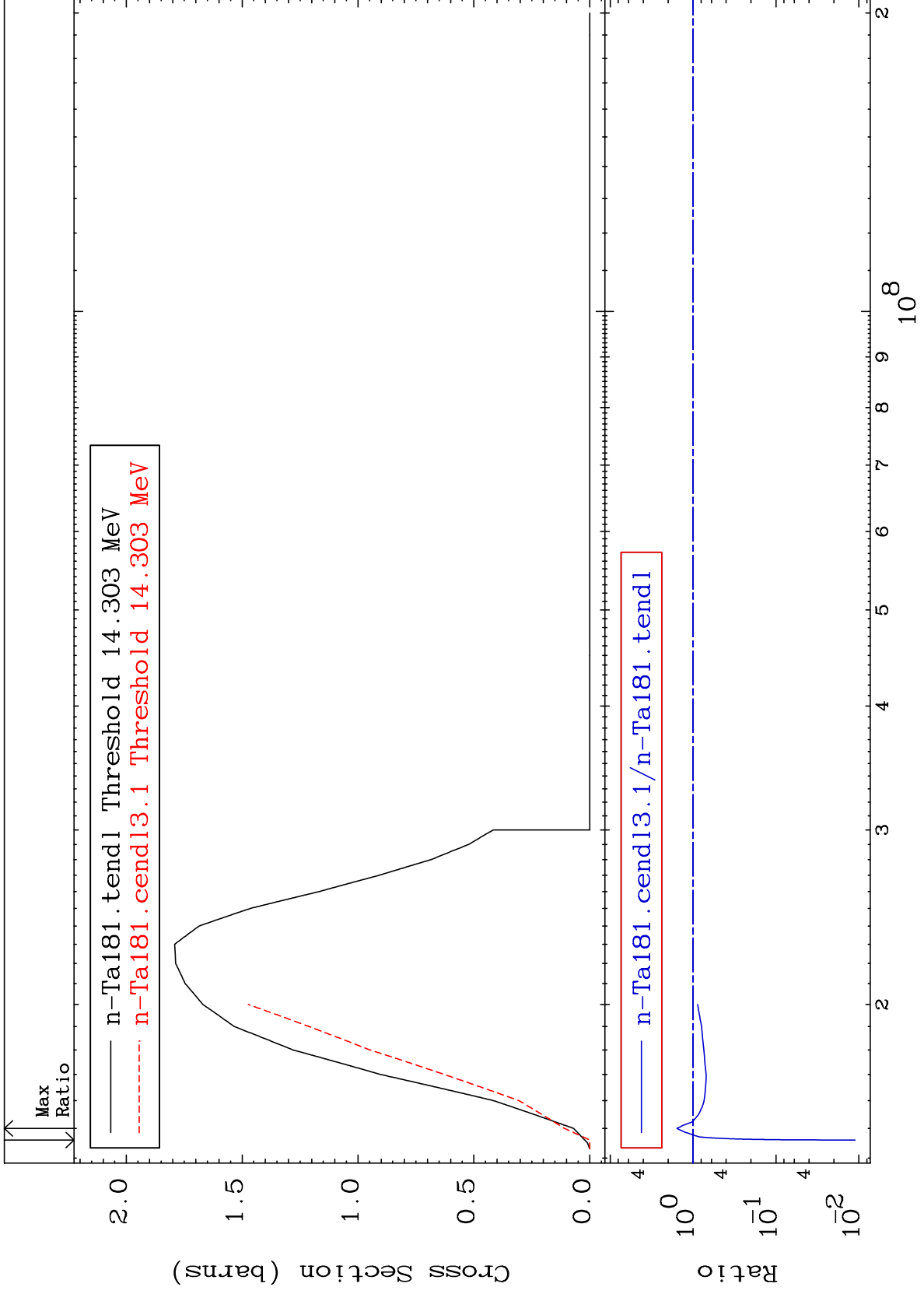
⁷³Ta-181
-82.05 To 65.11 %



MAT 7328

(n,3n)
Cross Section

⁷³Ta-181
-98.89 To 56.81 %



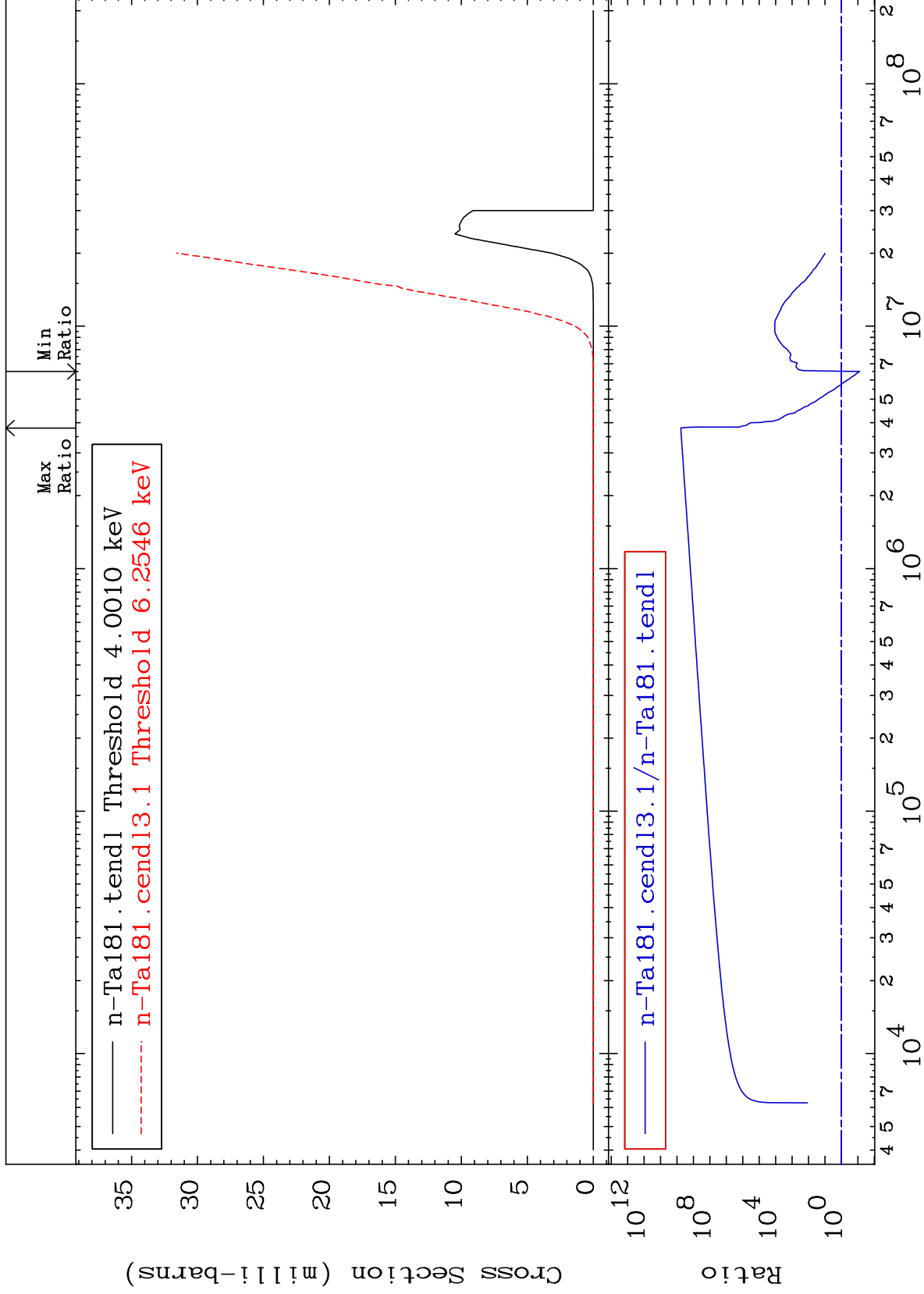
MAT 7328

$(n, n') \alpha$

Cross Section

⁷³Ta-181

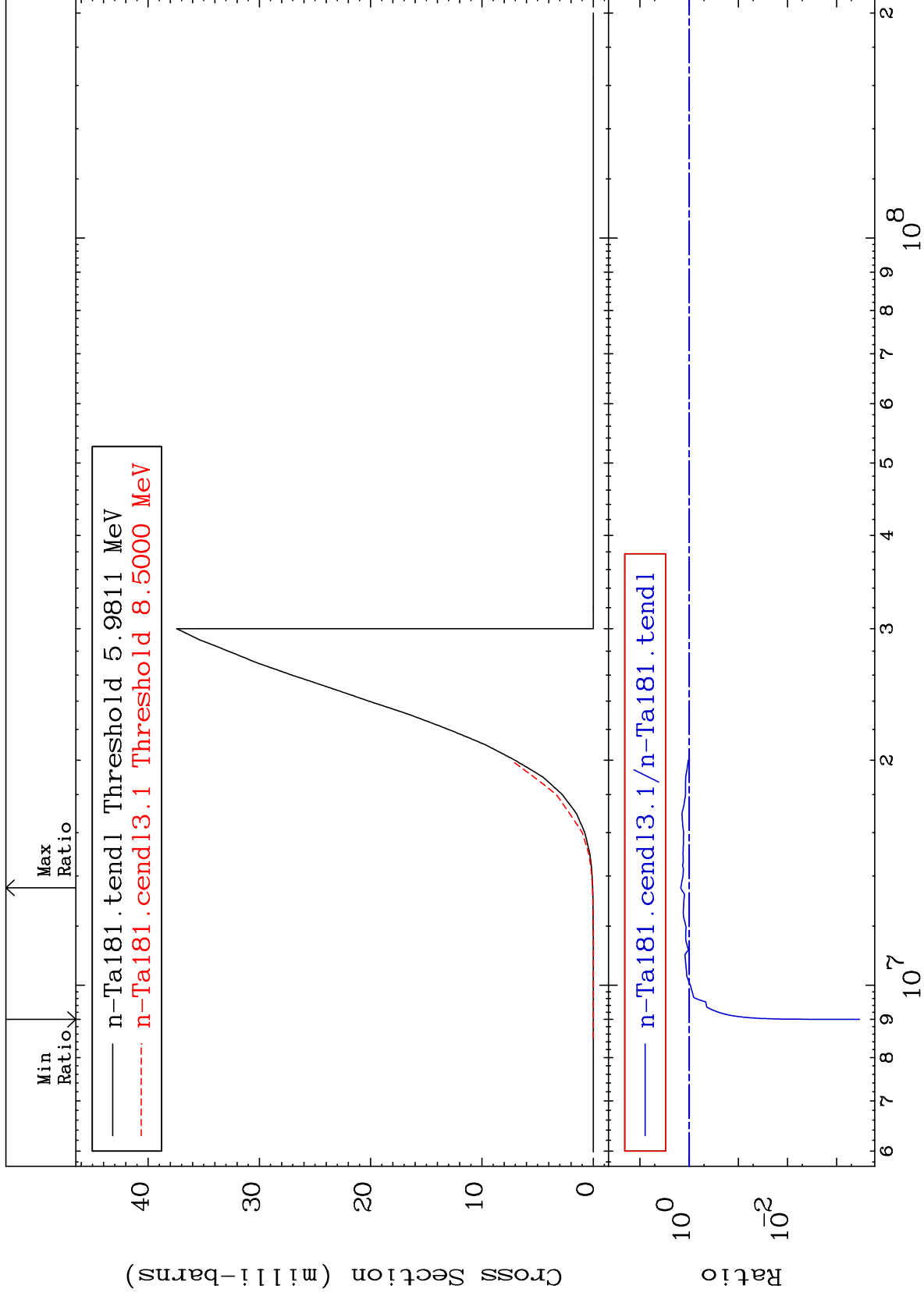
-92.14 To 9999. %



MAT 7328

(n,n') p
Cross Section

⁷³Ta-181
-99.97 To 48.13 %



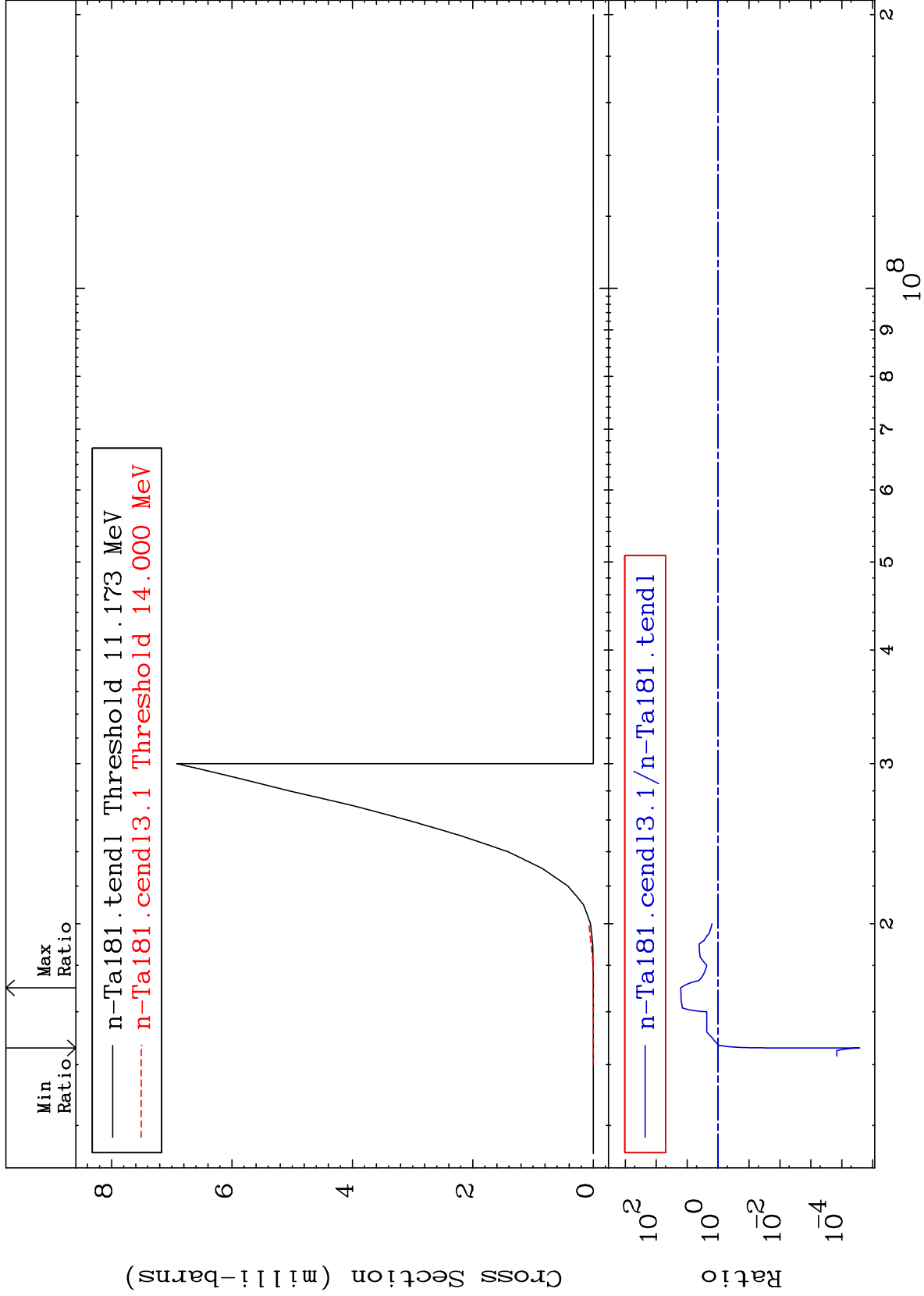
7

Incident Energy (eV)

⁷³Ta-181

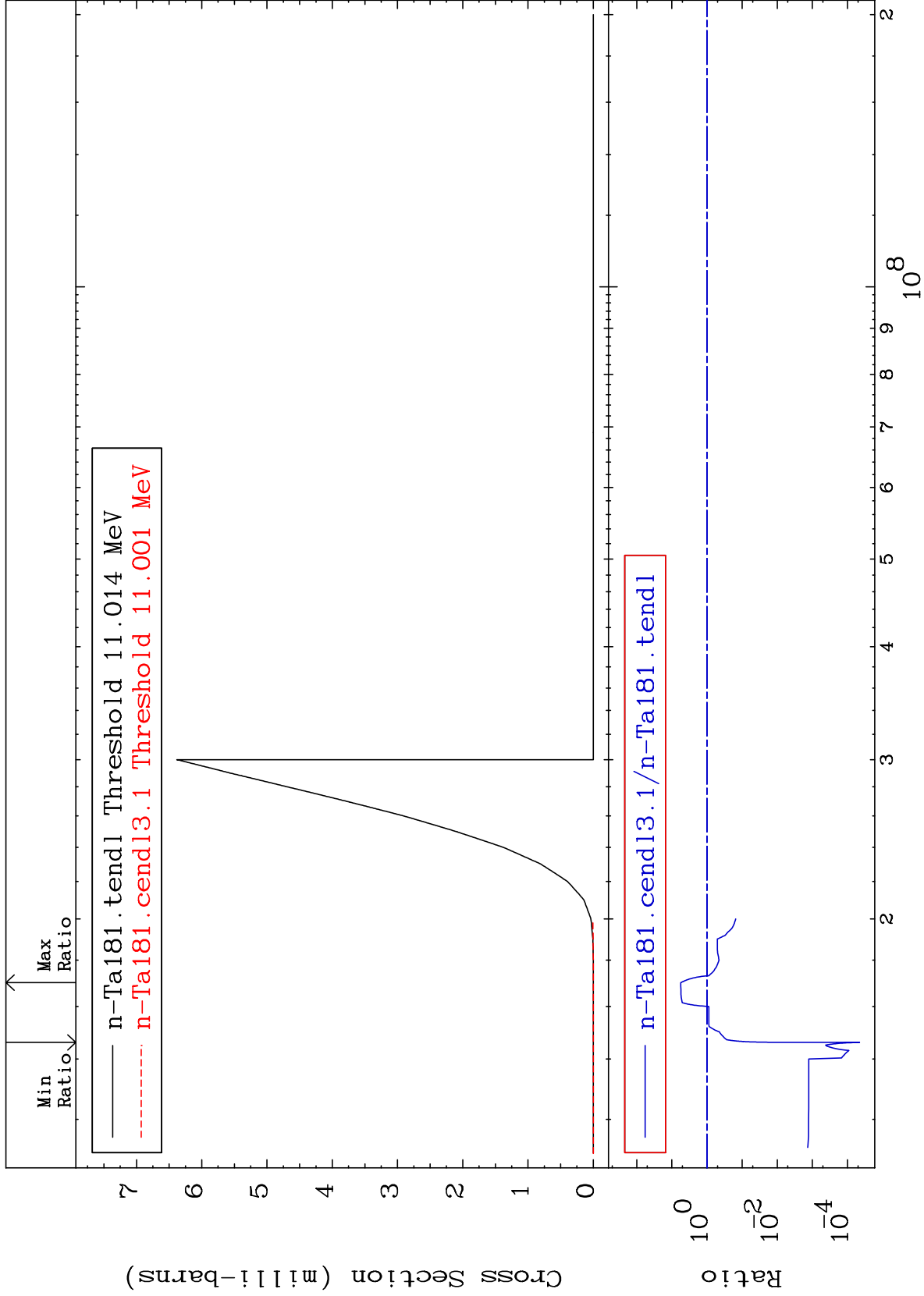
Cross Section

-100.0 To 1509. %



Cross Section

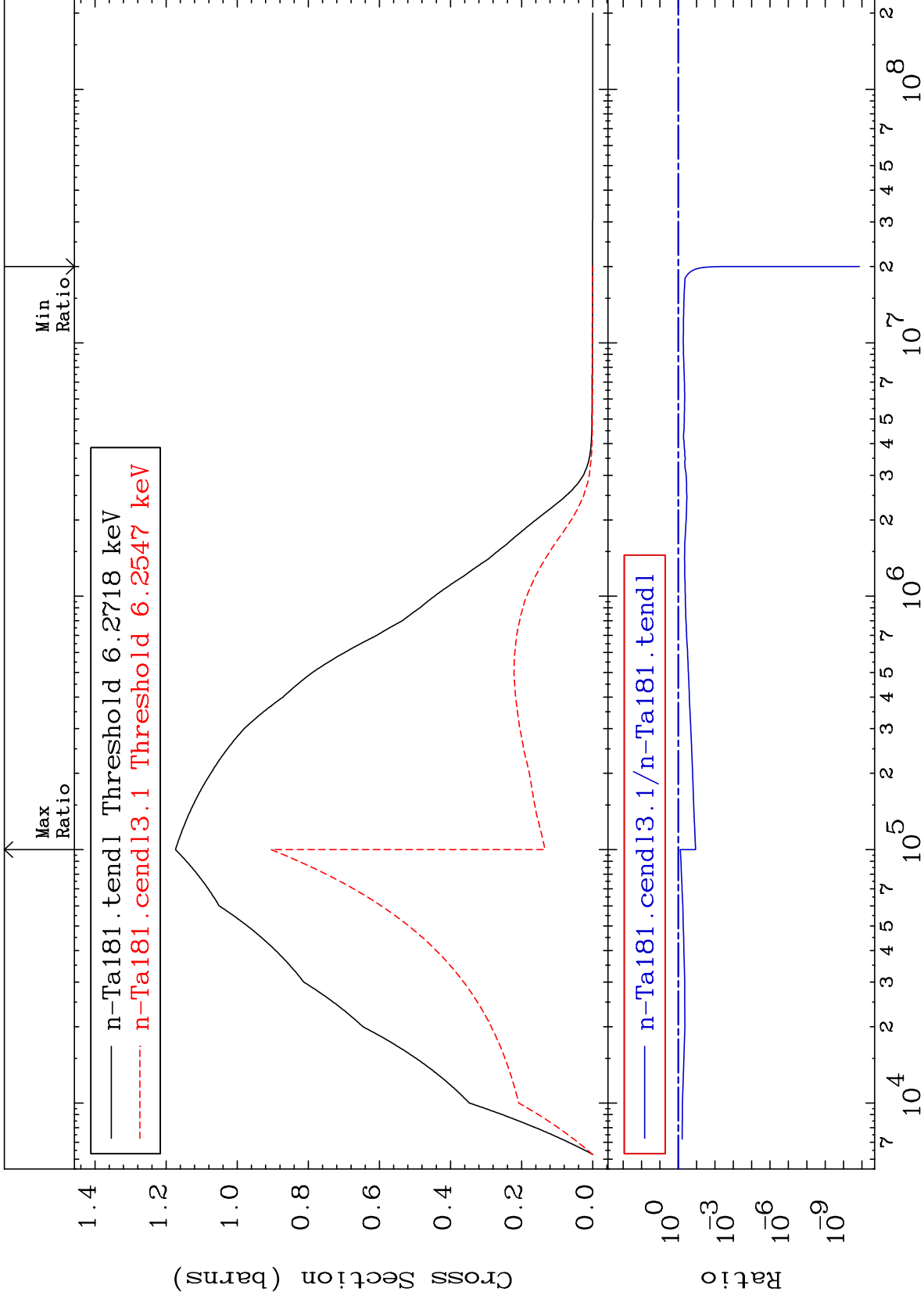
-100.0 To 456.7 %



MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To -22.91%



10

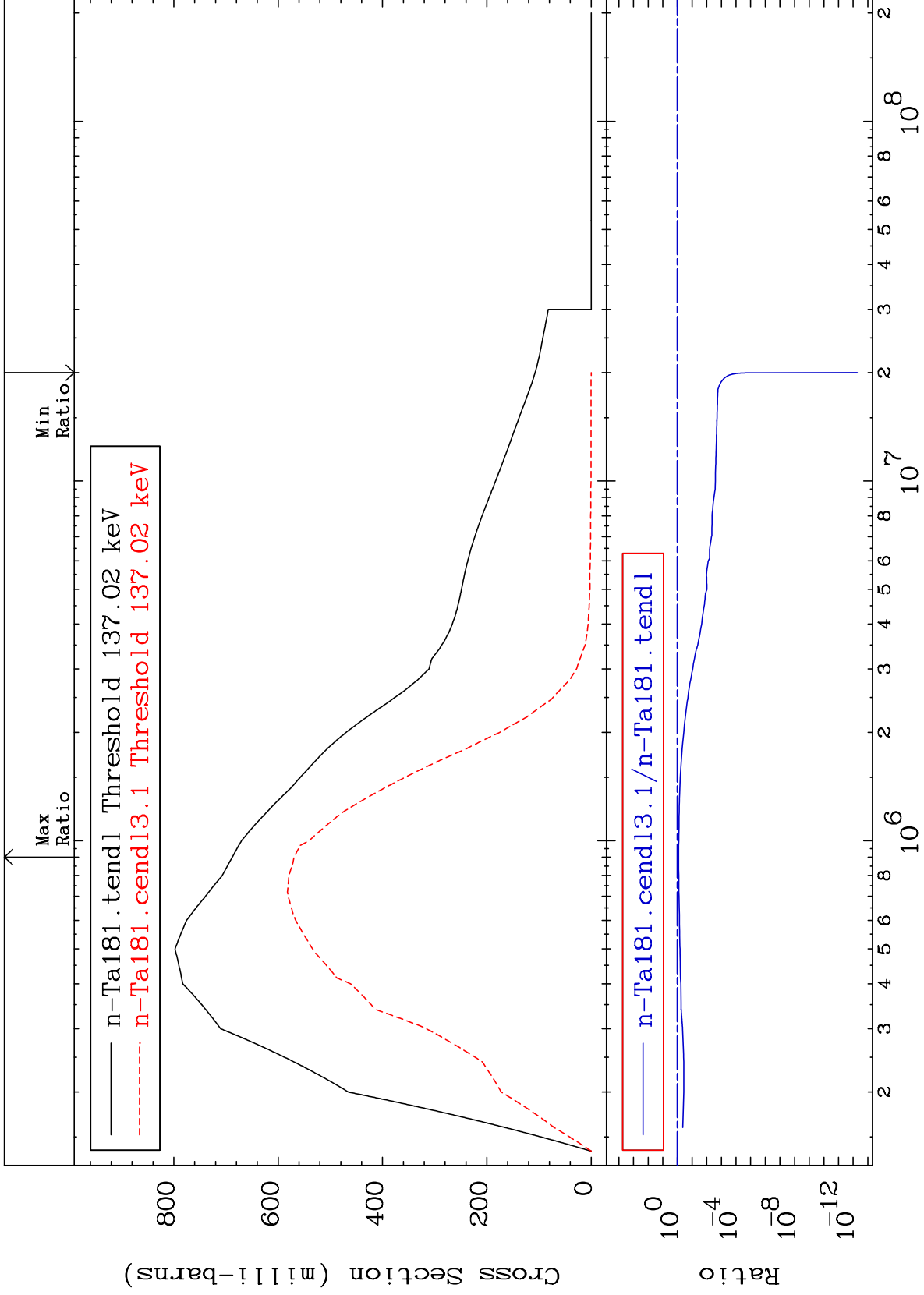
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

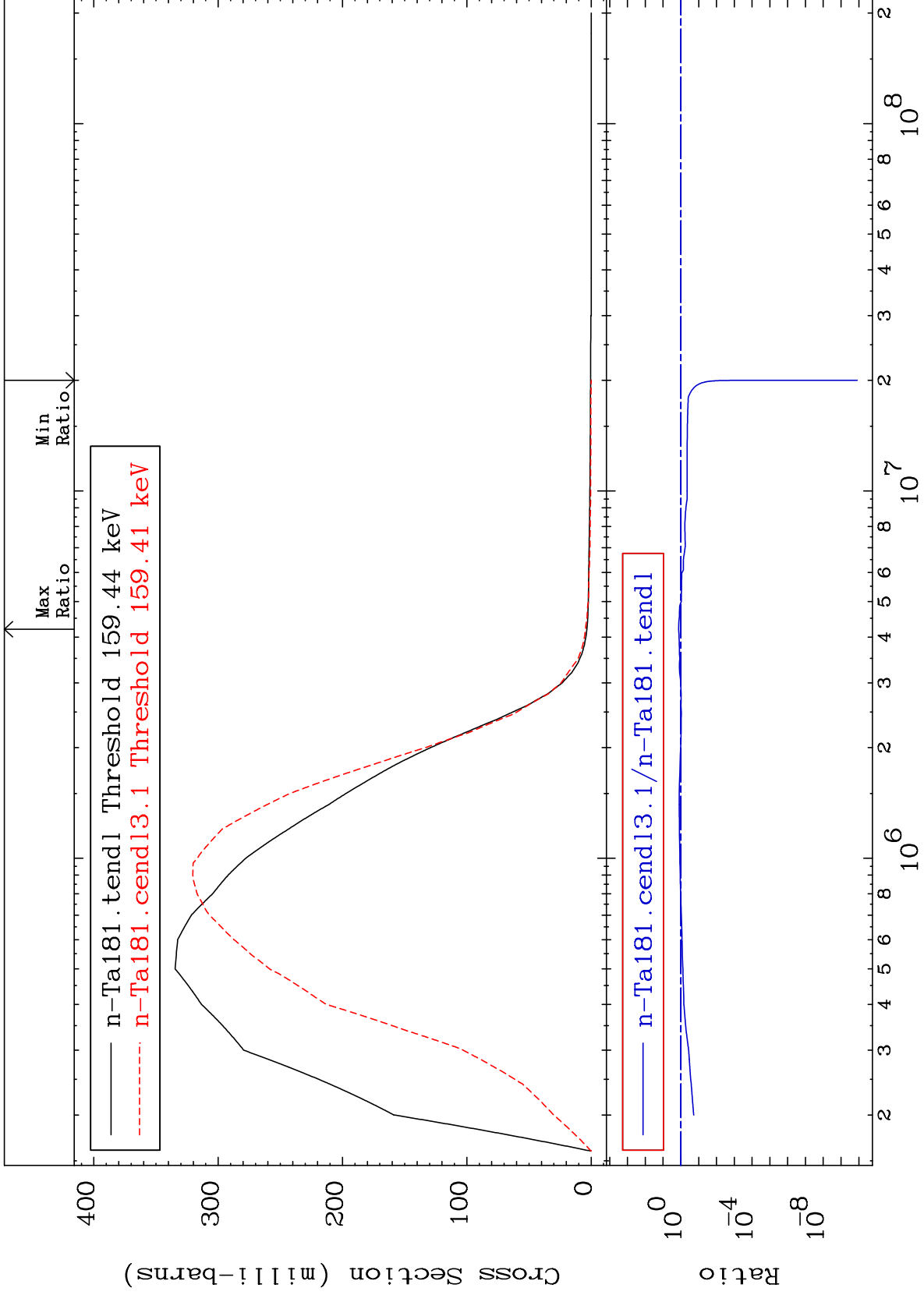
⁷³Ta-¹⁸¹
-100.0 To -17.17%



MAT 7328

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

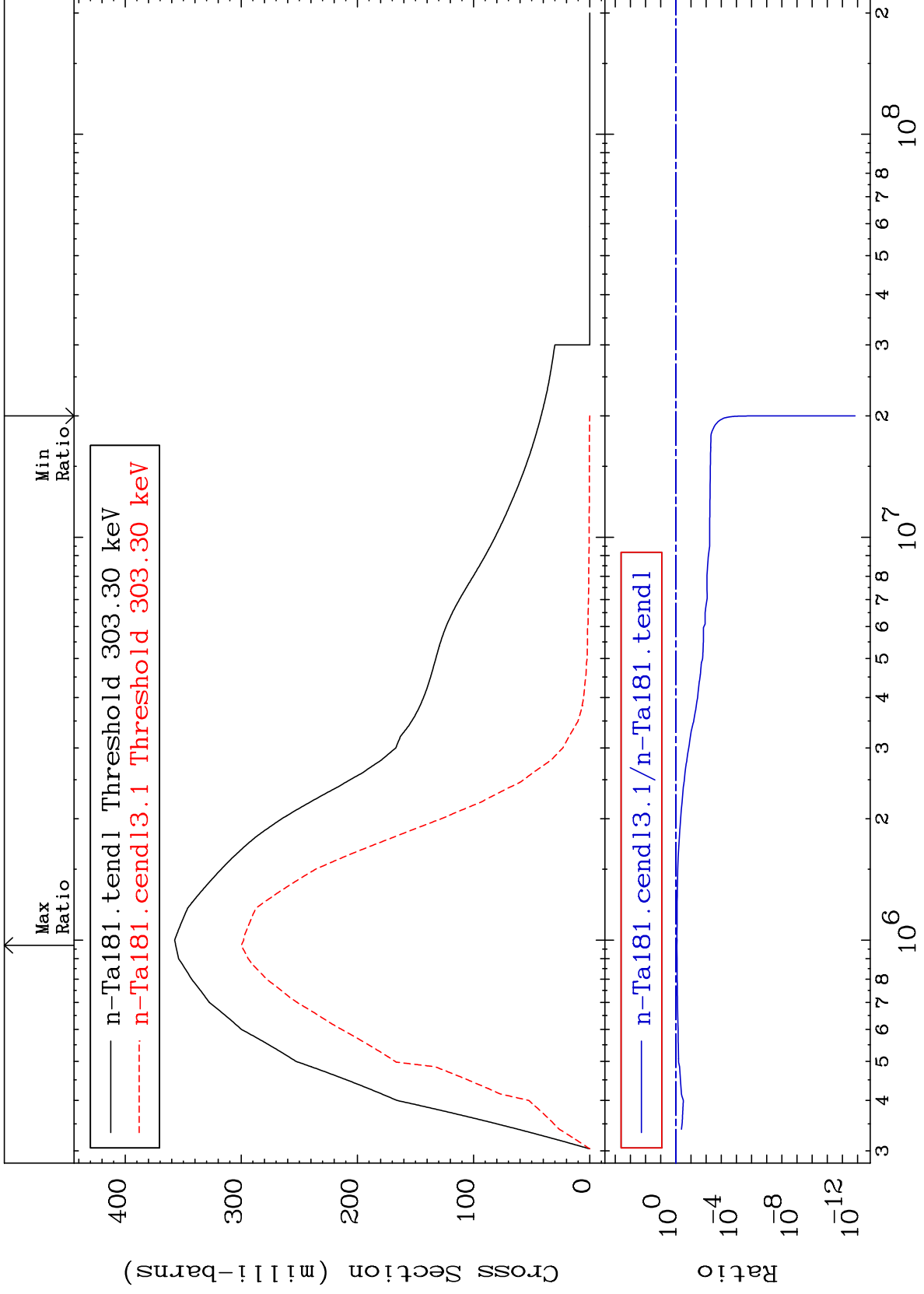
⁷³Ta-181
-100.0 To 33.84 %



MAT 7328

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

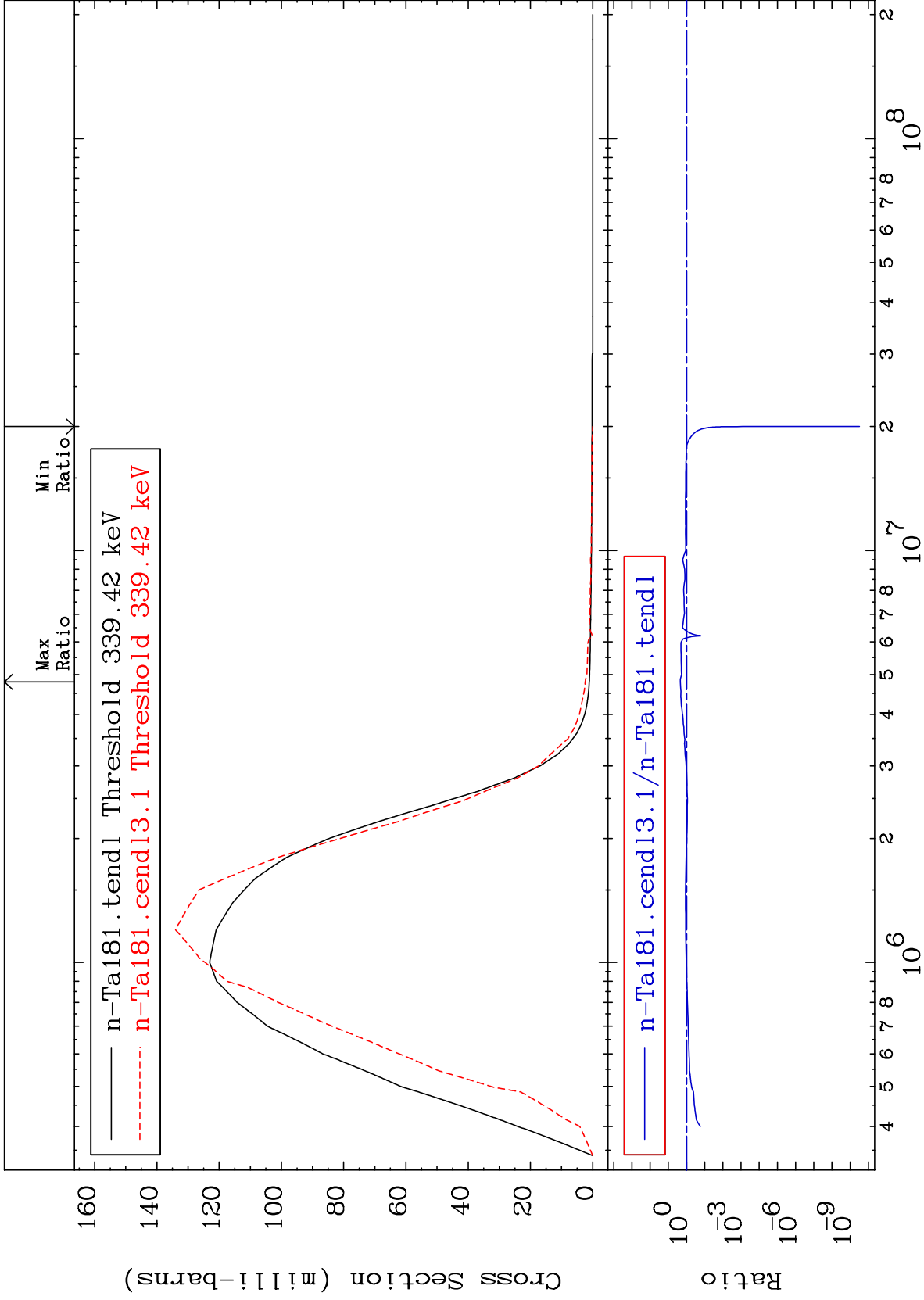
⁷³Ta-181
-100.0 To -15.81%



MAT 7328

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

⁷³Ta-181
-100.0 To 116.9 %



14

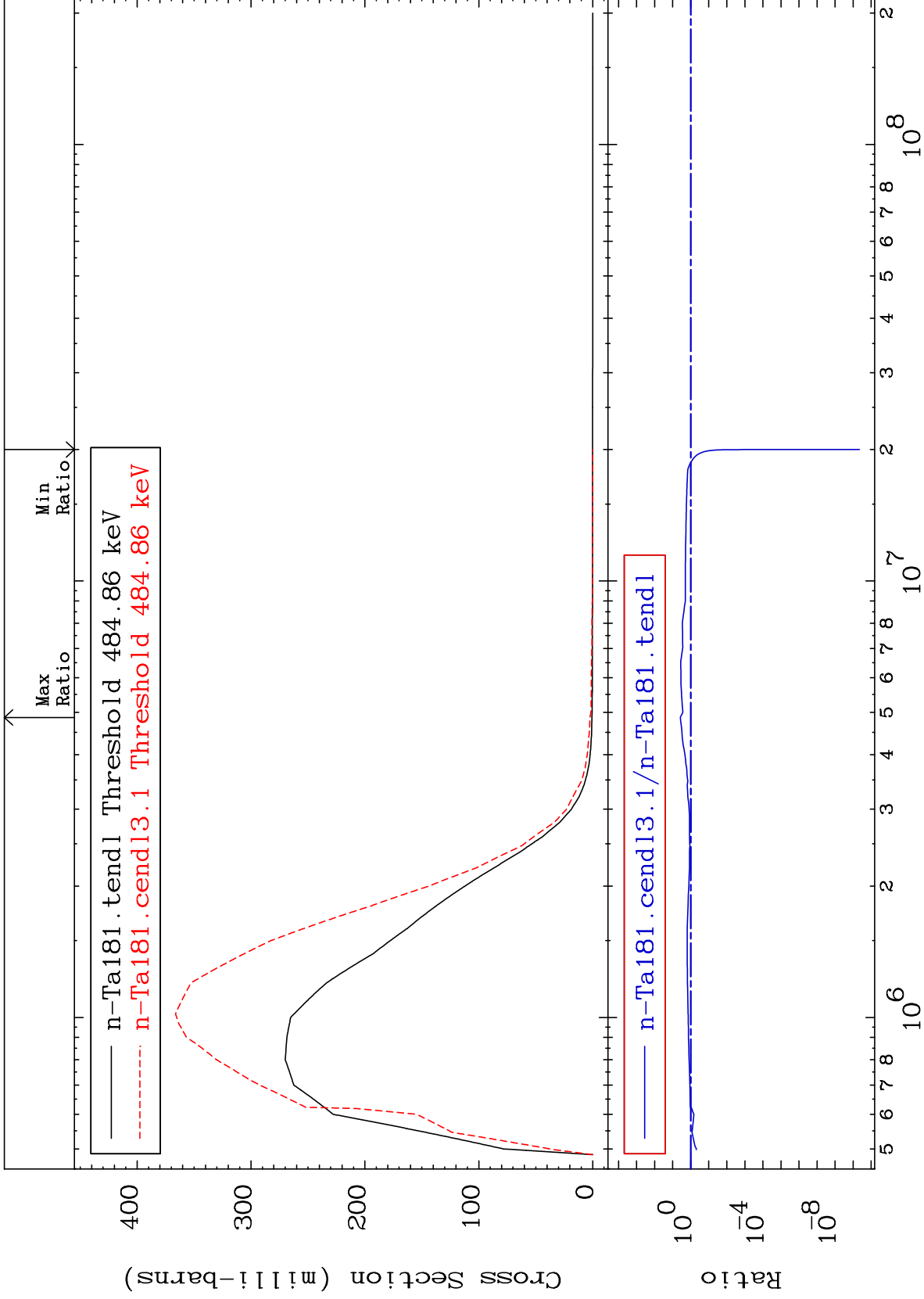
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-100.0 To 275.4 %



15

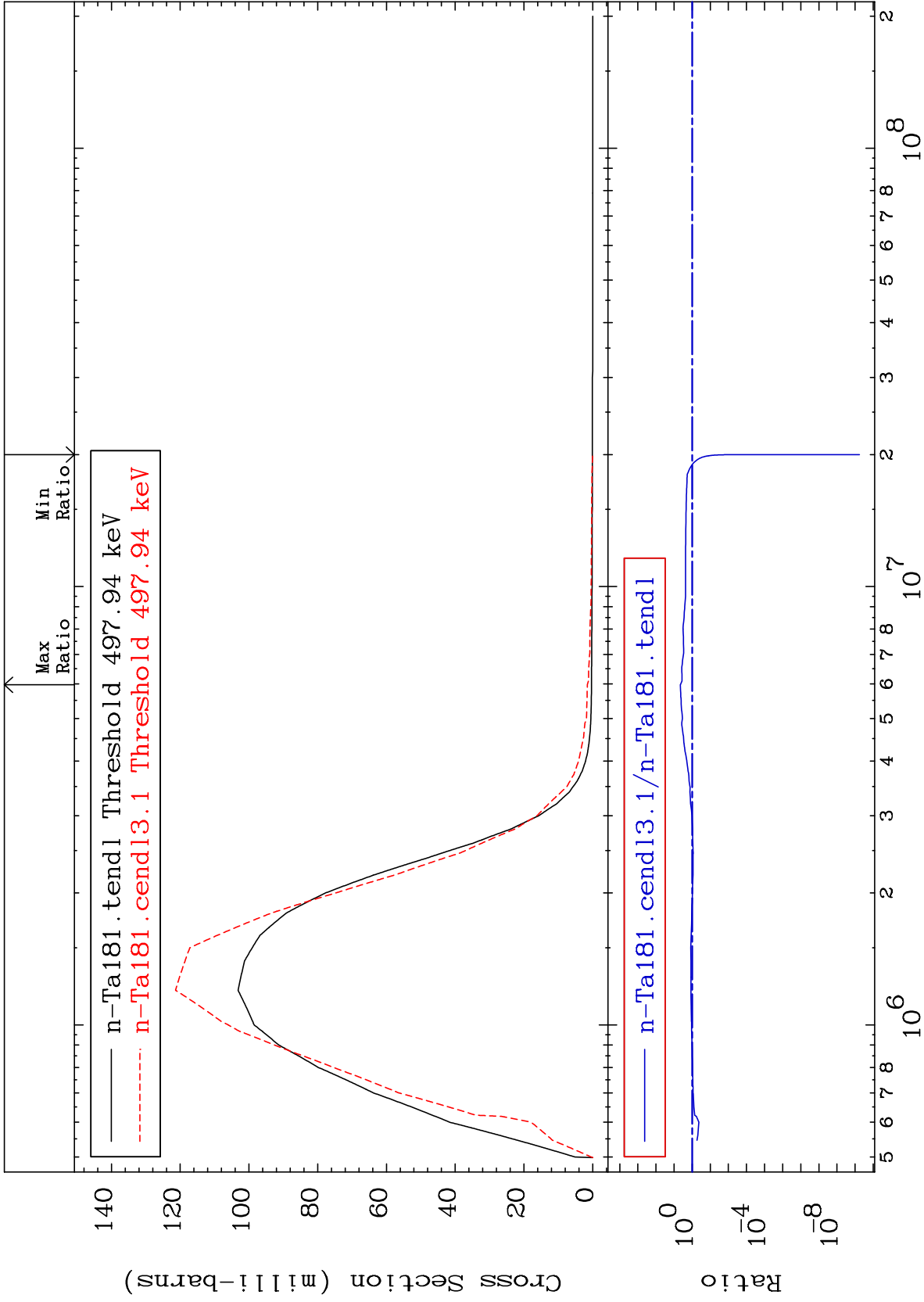
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 348.7 %



16

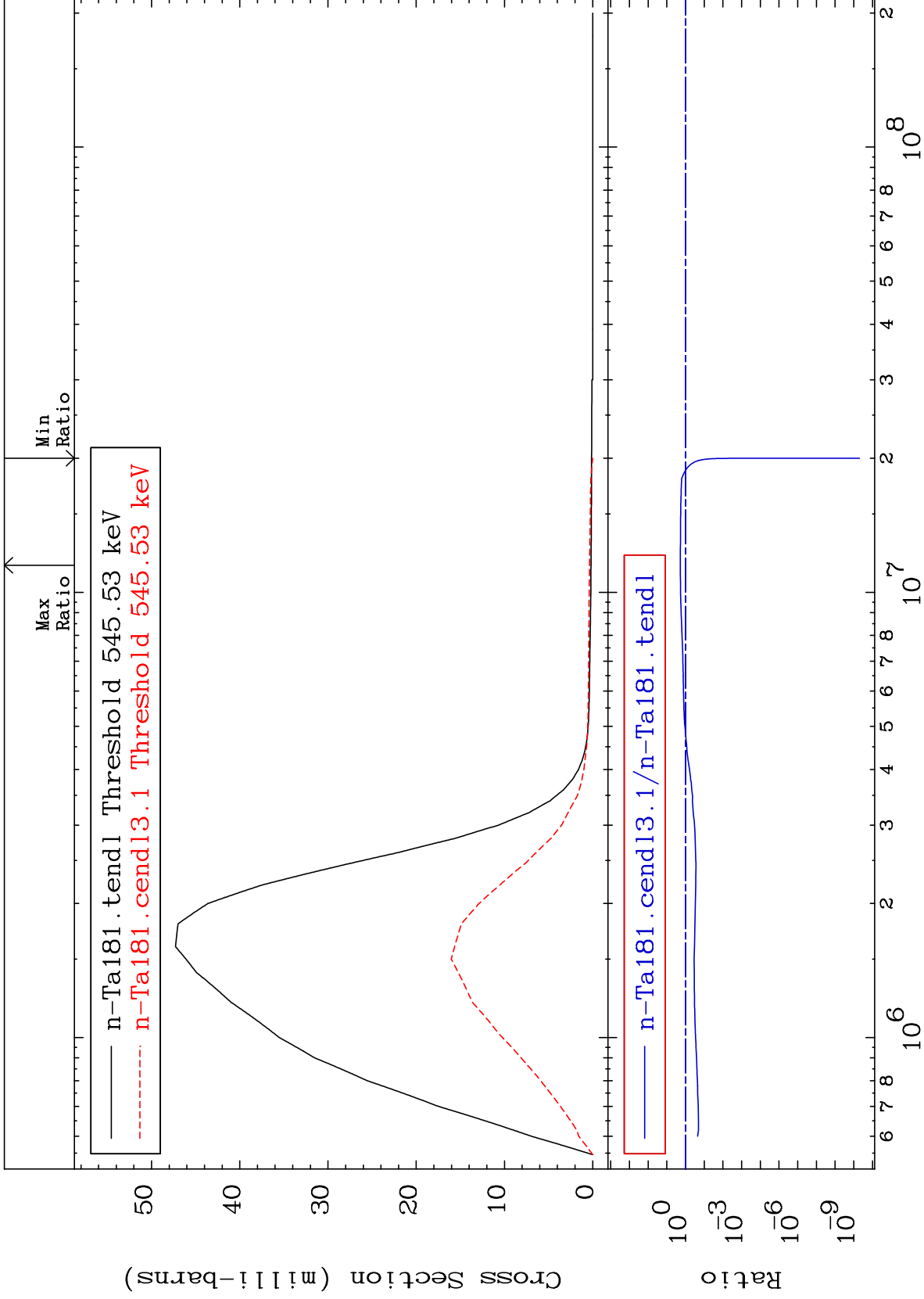
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

⁷³Ta-181
-100.0 To 88.57 %



17

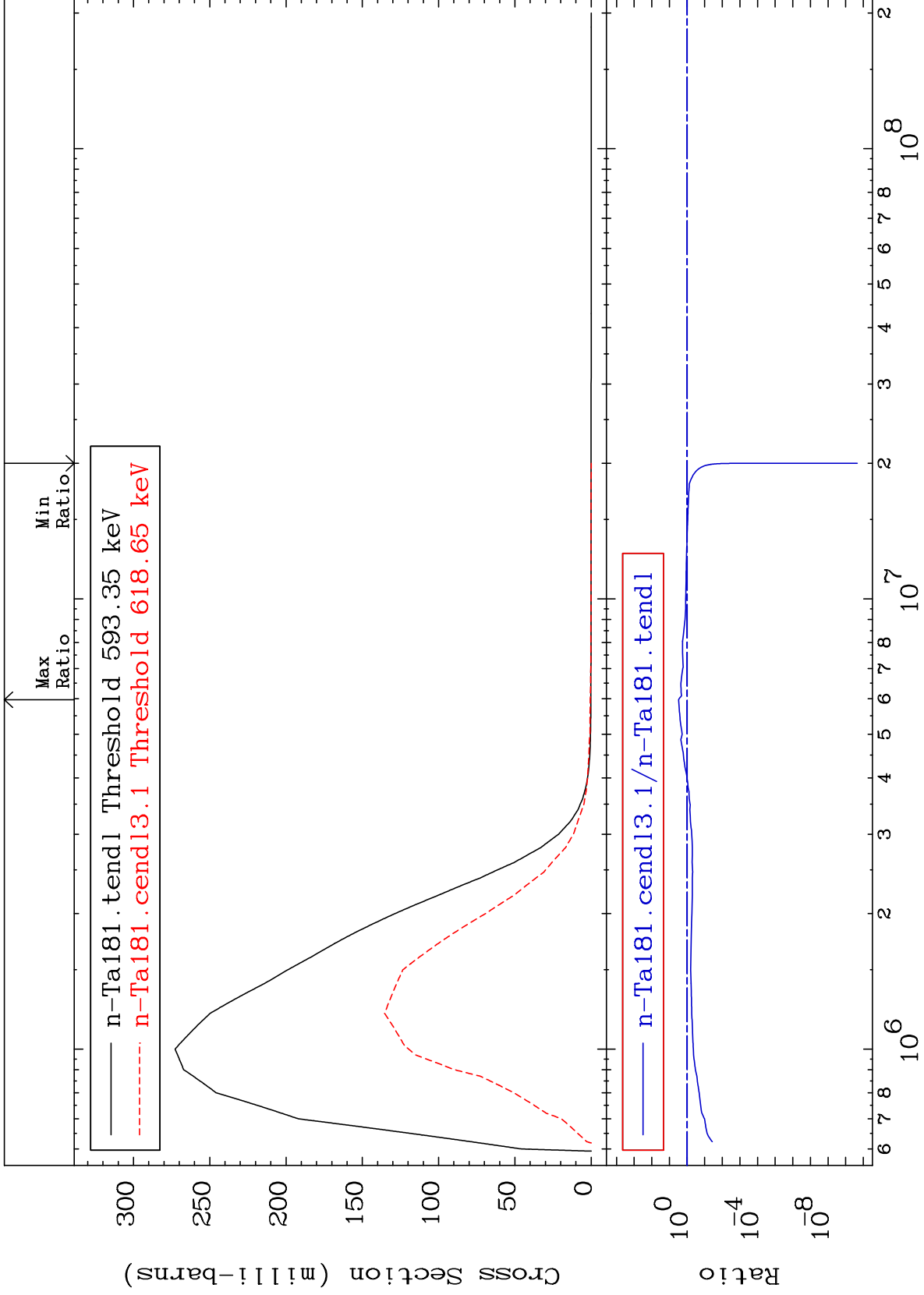
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-100.0 To 200.2 %



18

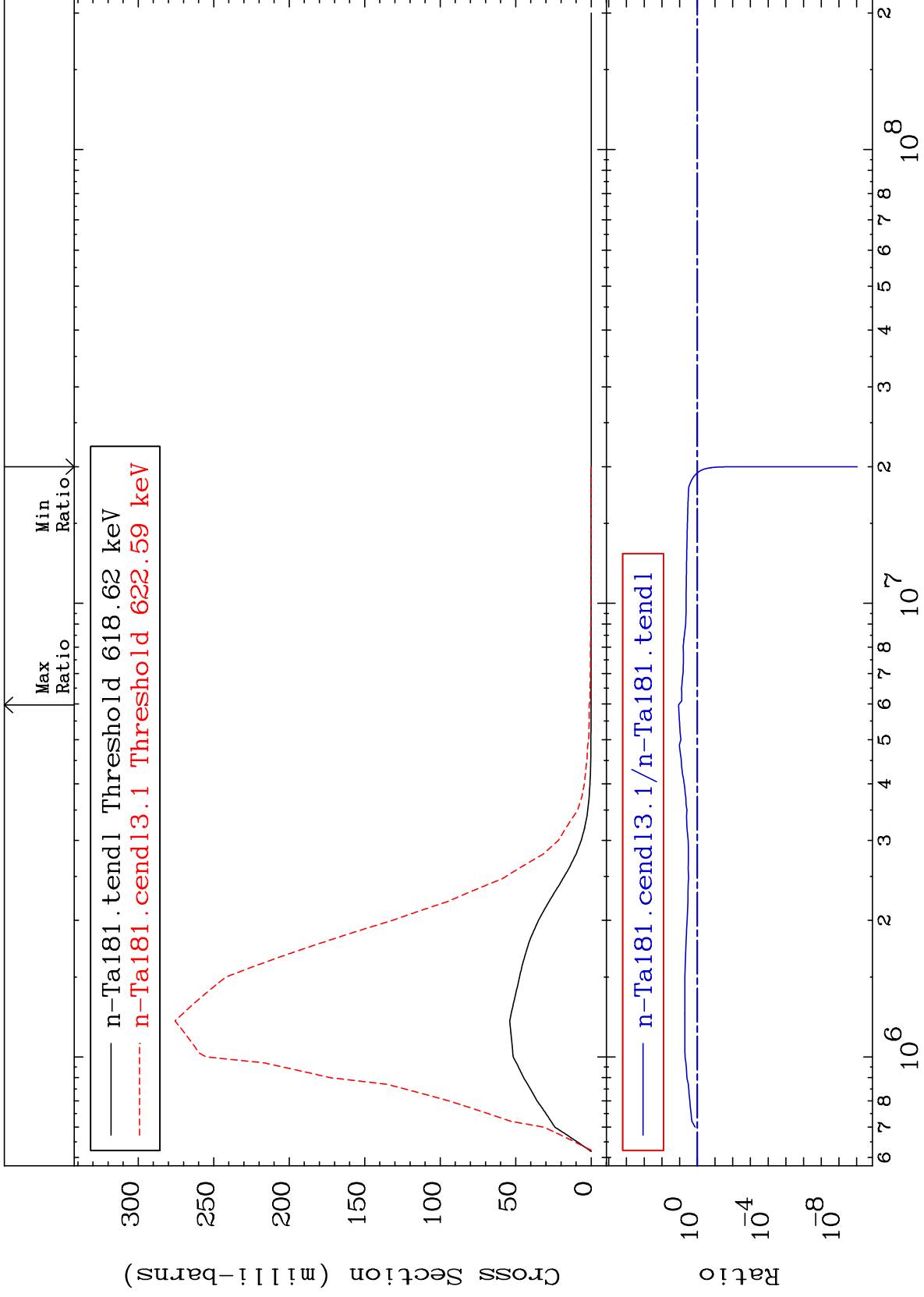
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

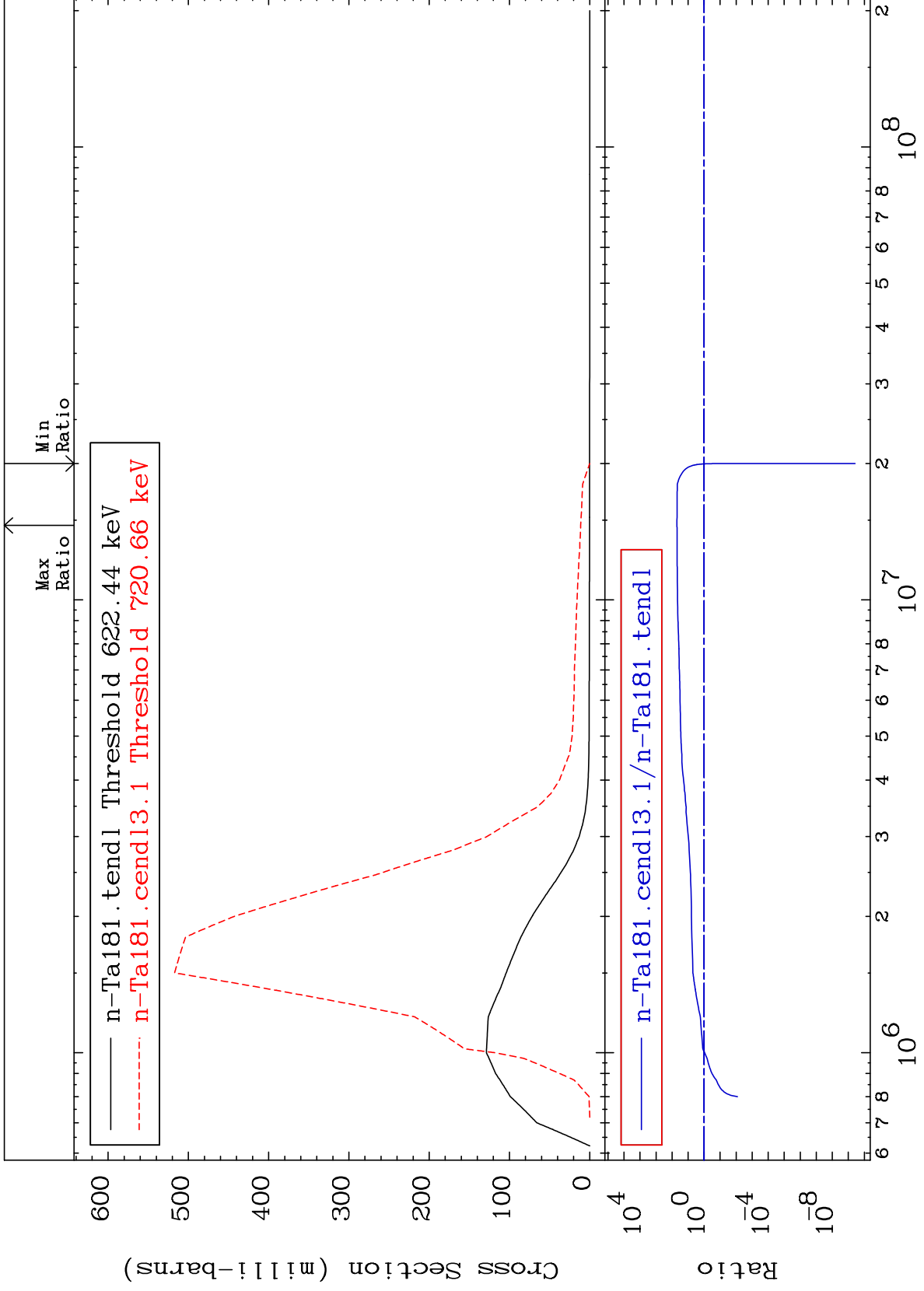
⁷³Ta-¹⁸¹
-100.0 To 1034. %



MAT 7328

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

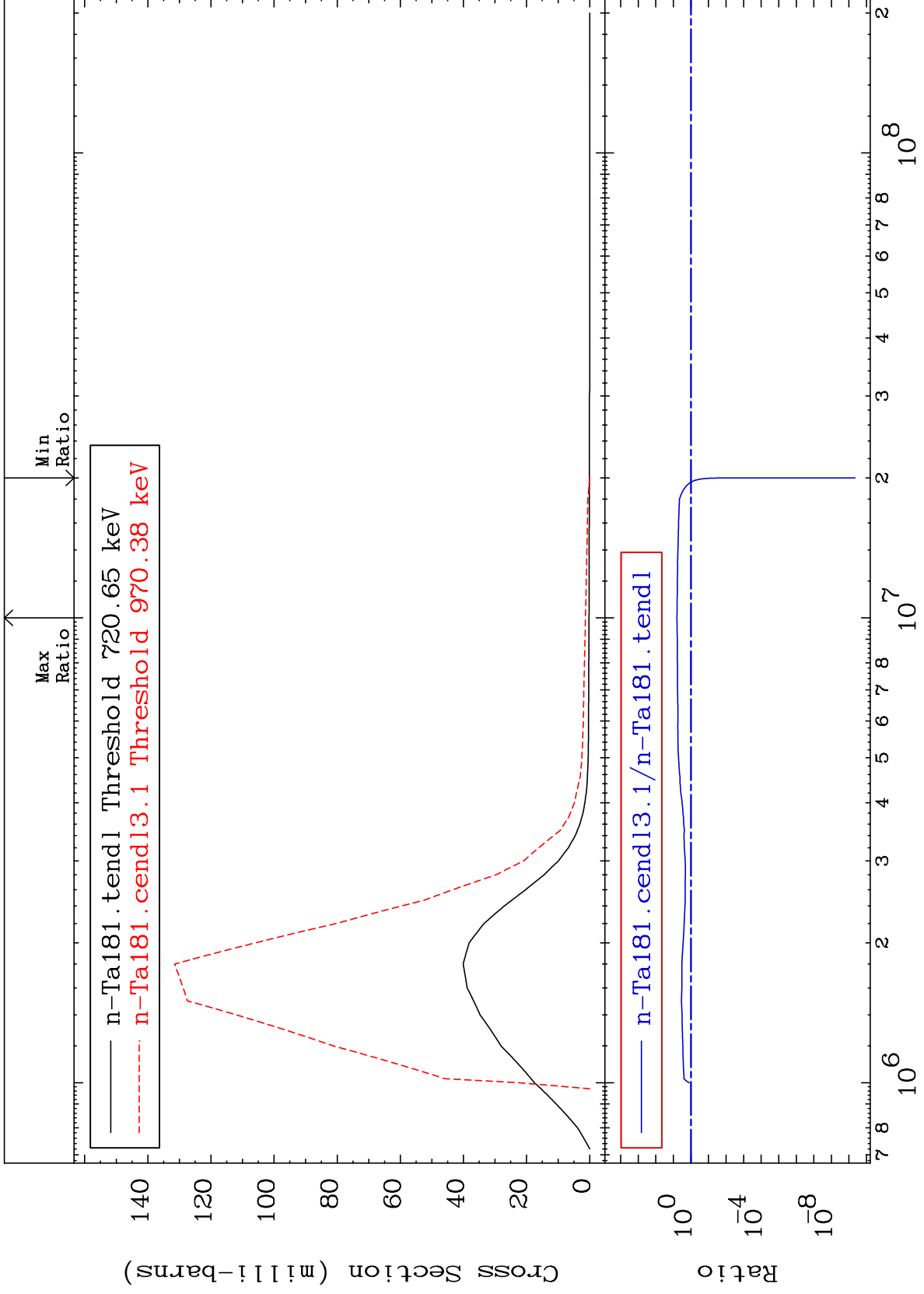
⁷³Ta-181
-100.0 To 4871. %



MAT 7328

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

⁷³Ta-181
-100.0 To 525.6 %



21

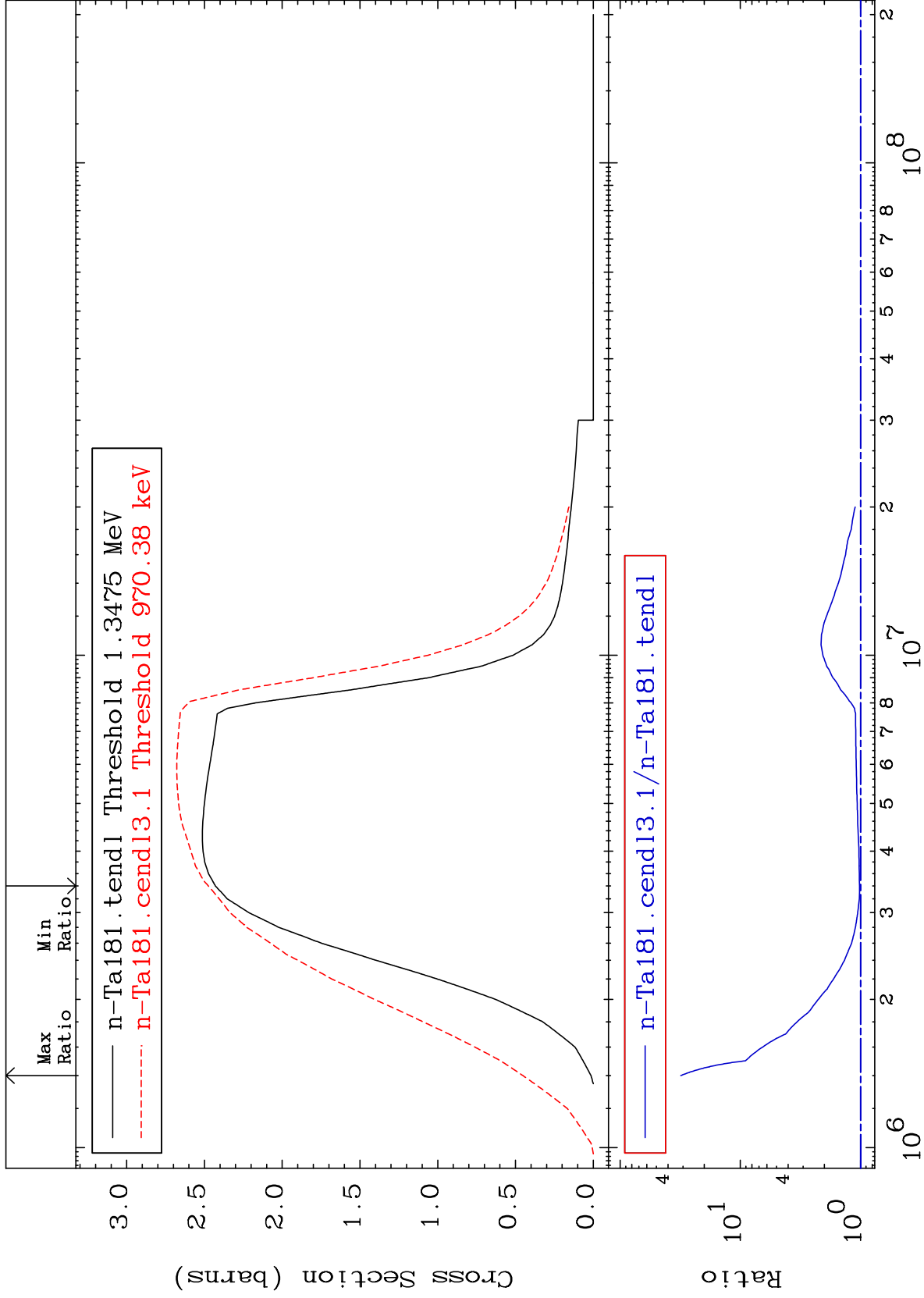
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n, n') Continuum
Cross Section

⁷³Ta-181
1.866 To 3031. %



22

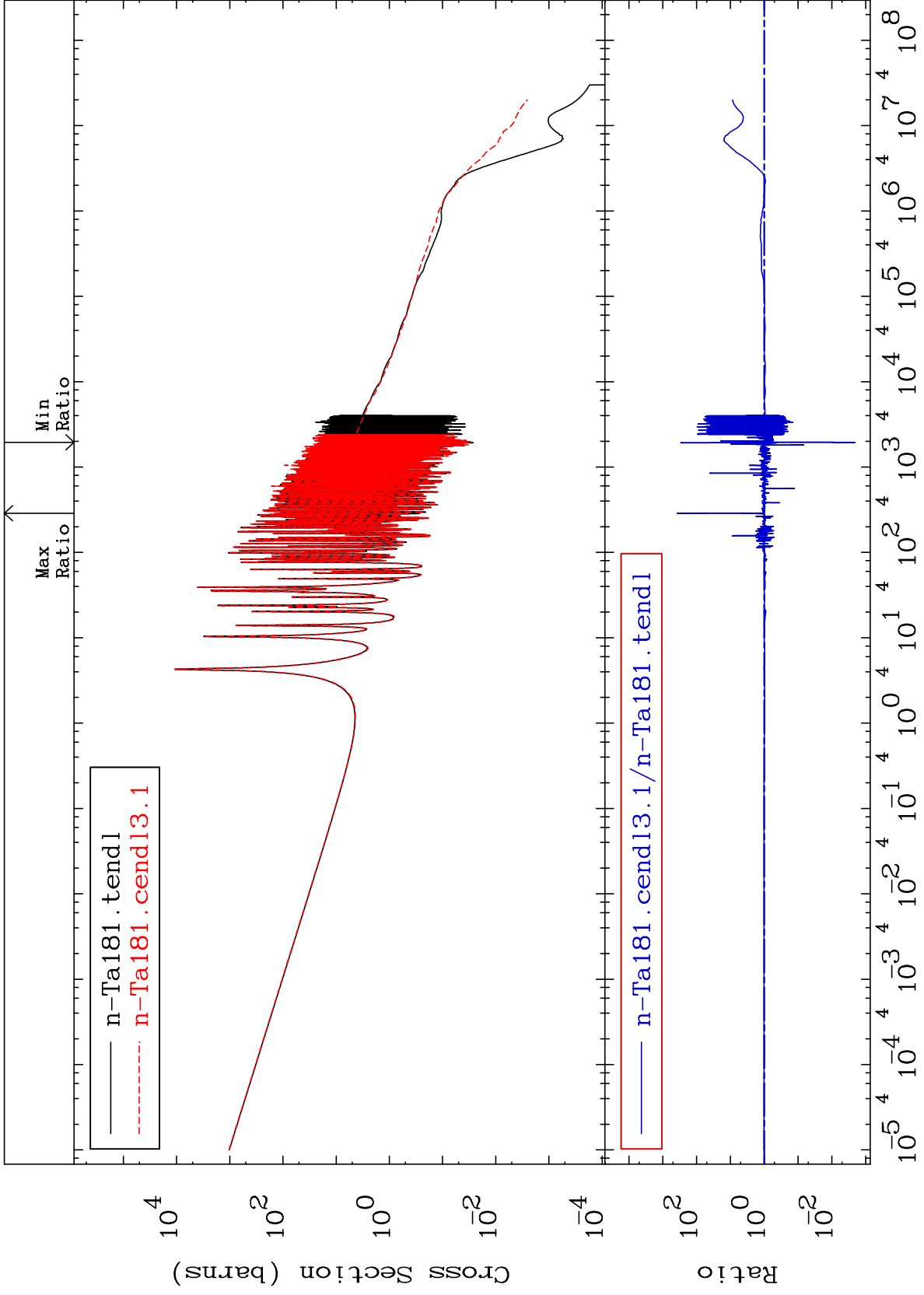
Incident Energy (eV)

⁷³Ta-181

MAT 7328

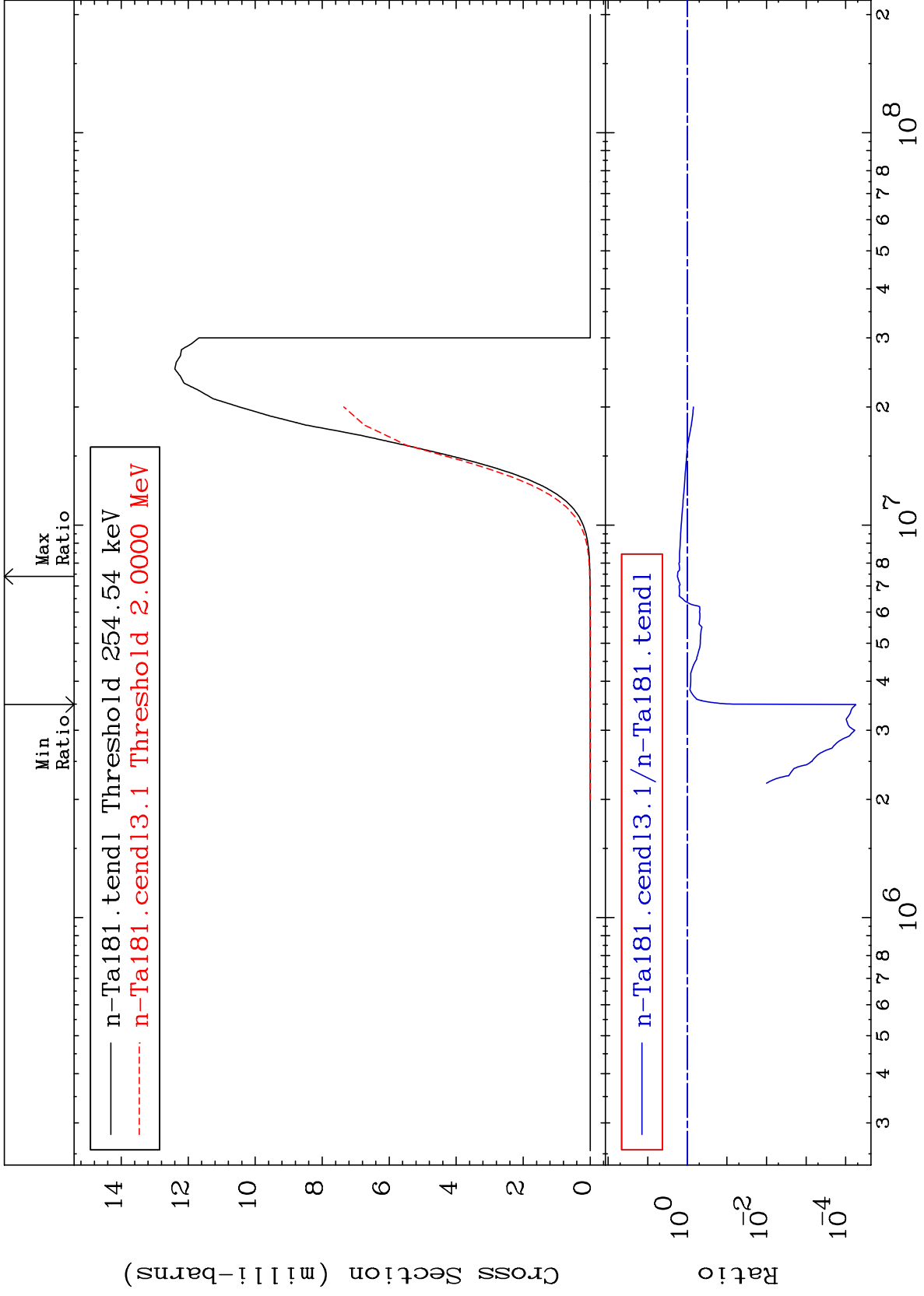
(n, γ)
Cross Section

⁷³Ta-181
-99.80 To 9999. %



MAT 7328

(n, p)
Cross Section
73-Ta-181
-99.99 To 77.44 %

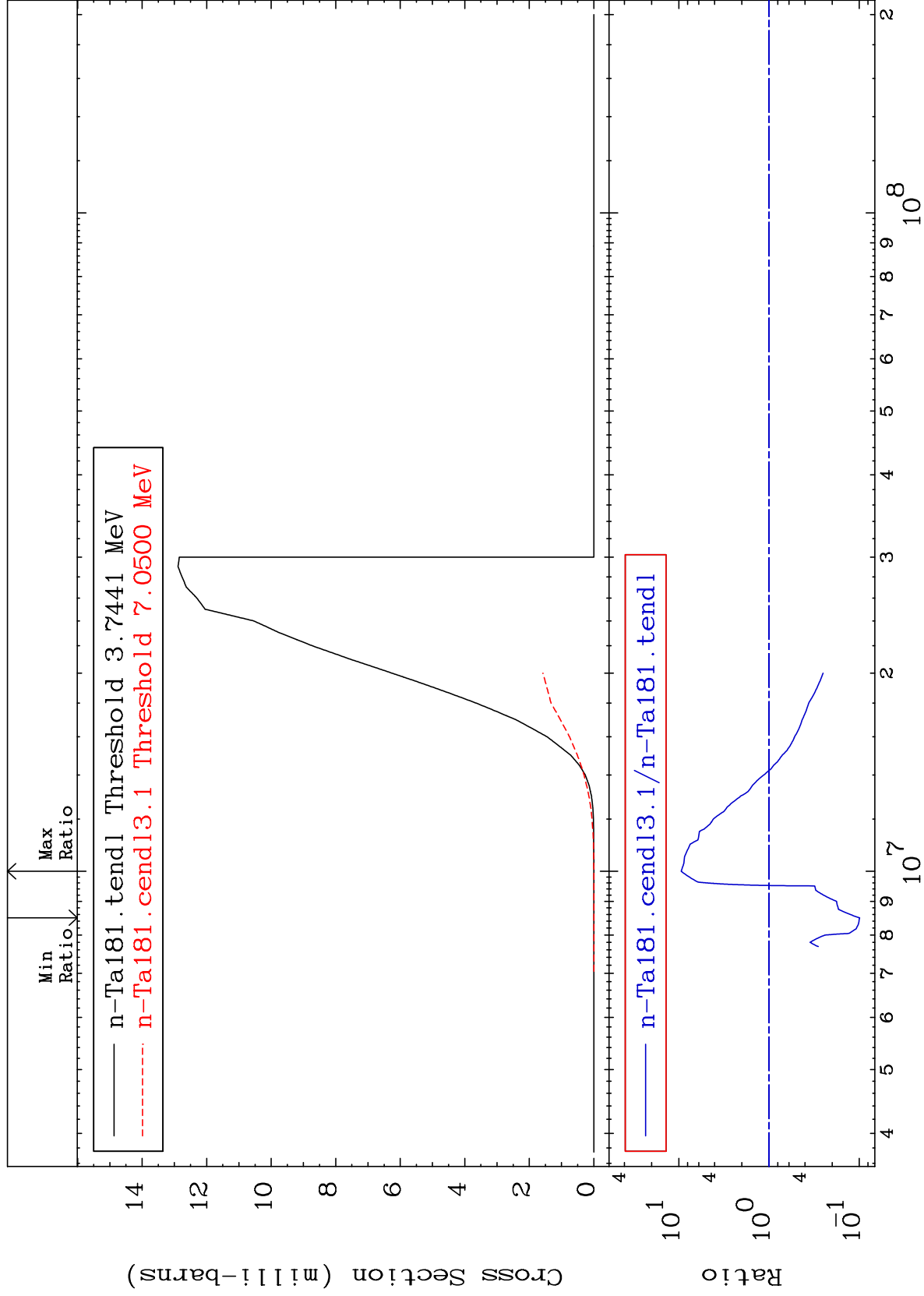


MAT 7328

(n, d)
Cross Section

⁷³Ta-181

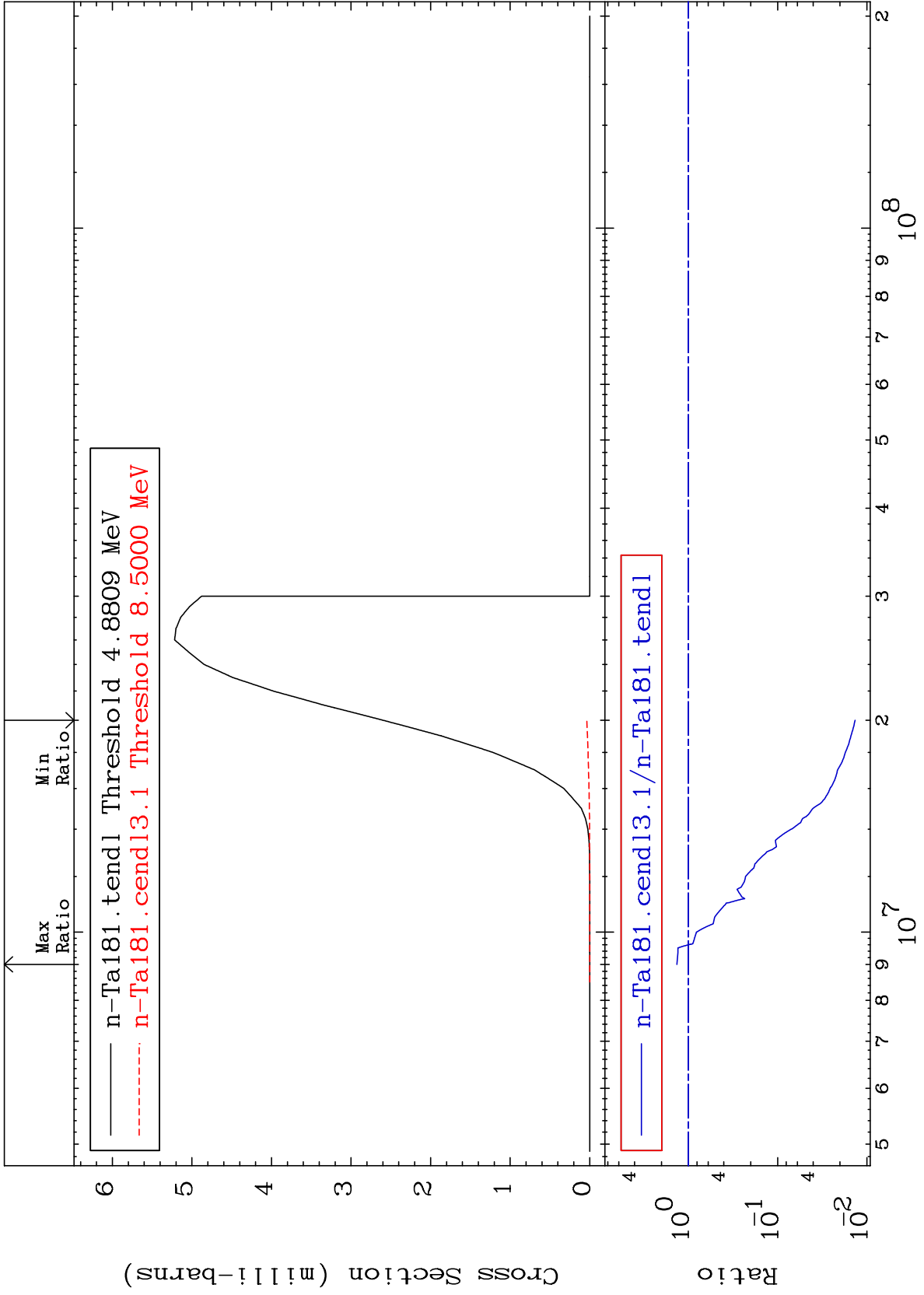
-90.09 To 840.0 %



MAT 7328

(n, t)
Cross Section

⁷³Ta-181
-98.64 To 34.21 %



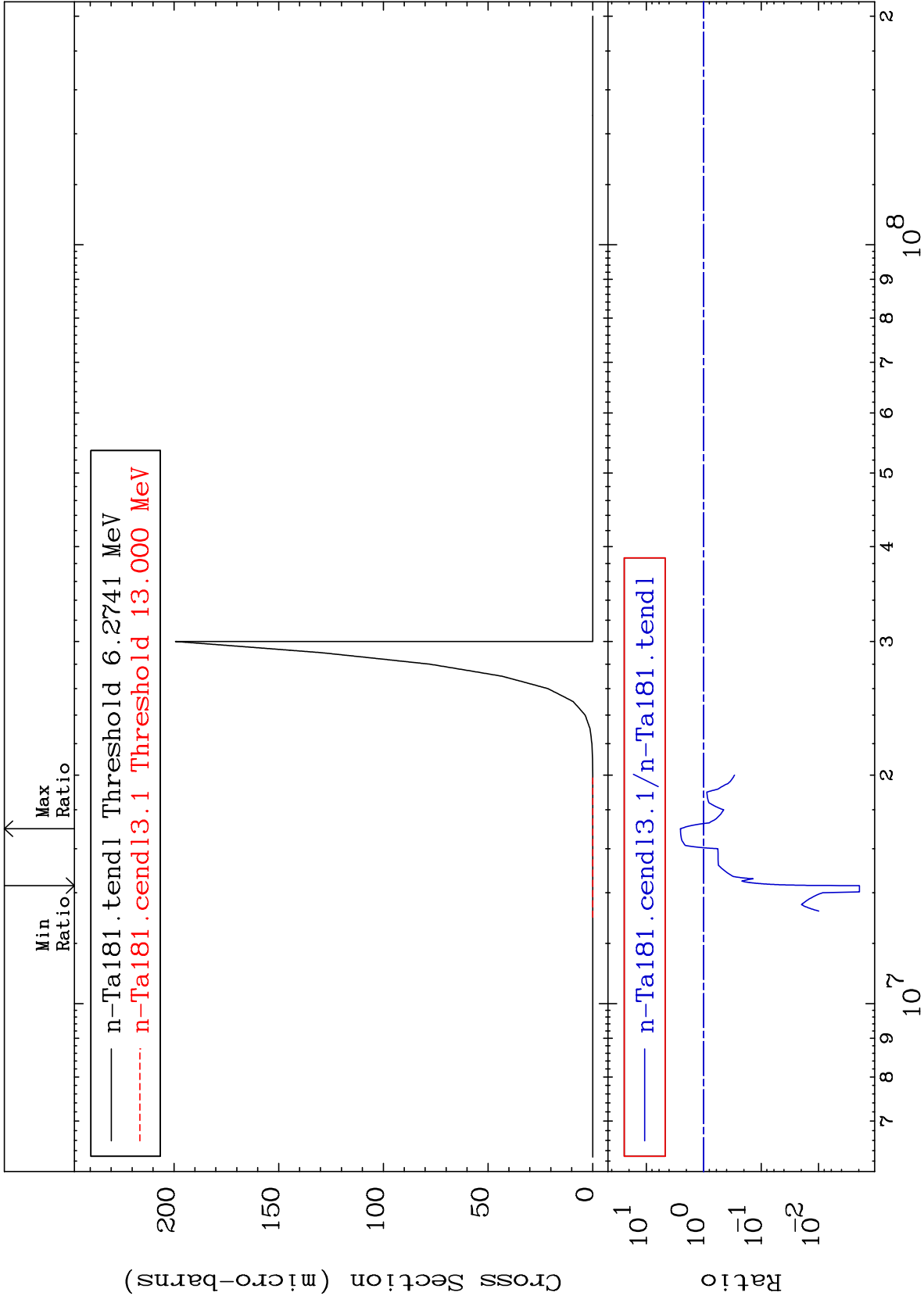
MAT 7328

(n, He-3)

⁷³Ta-181

Cross Section

-99.81 To 155.3 %



27

Incident Energy (eV)

⁷³Ta-181

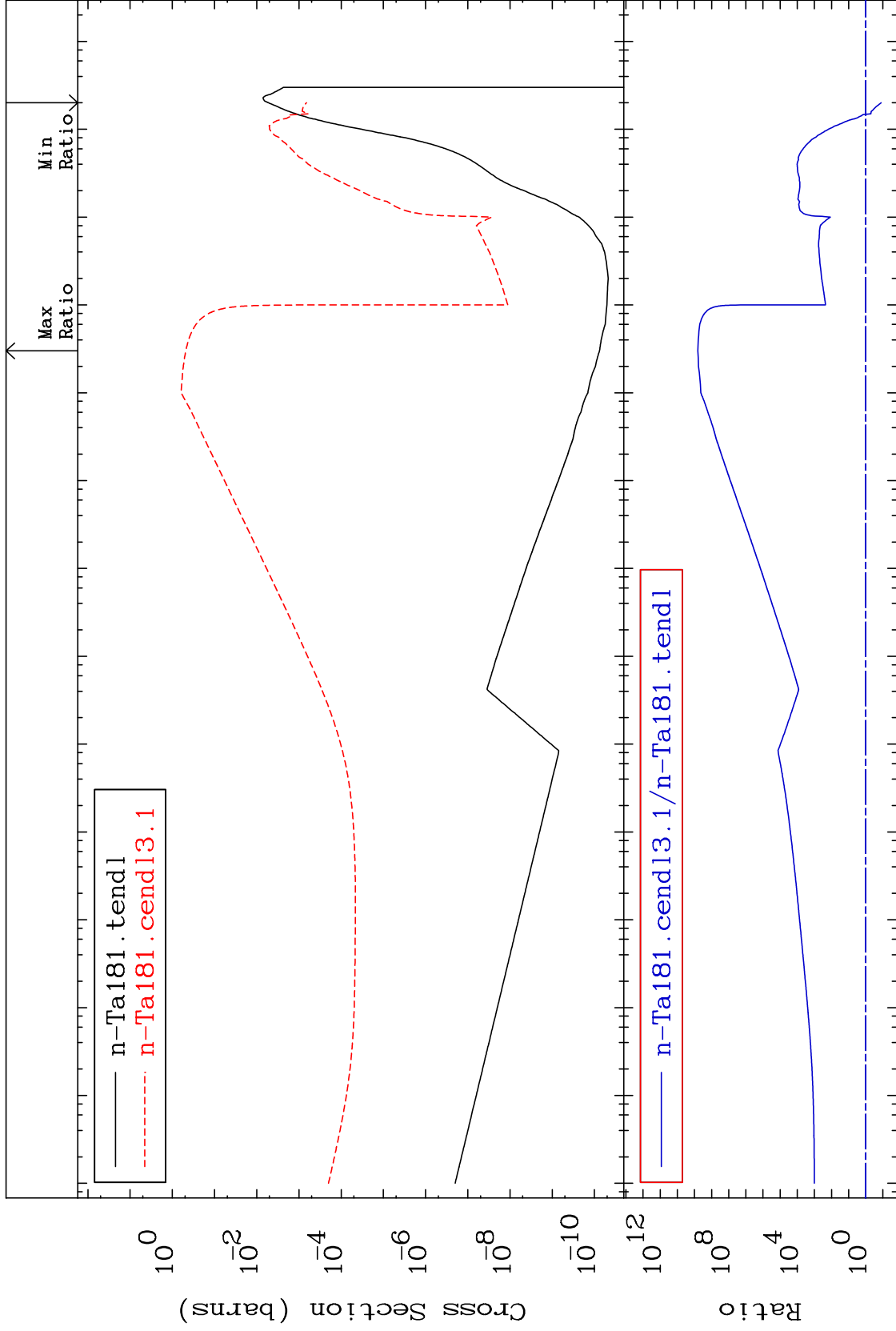
MAT 7328

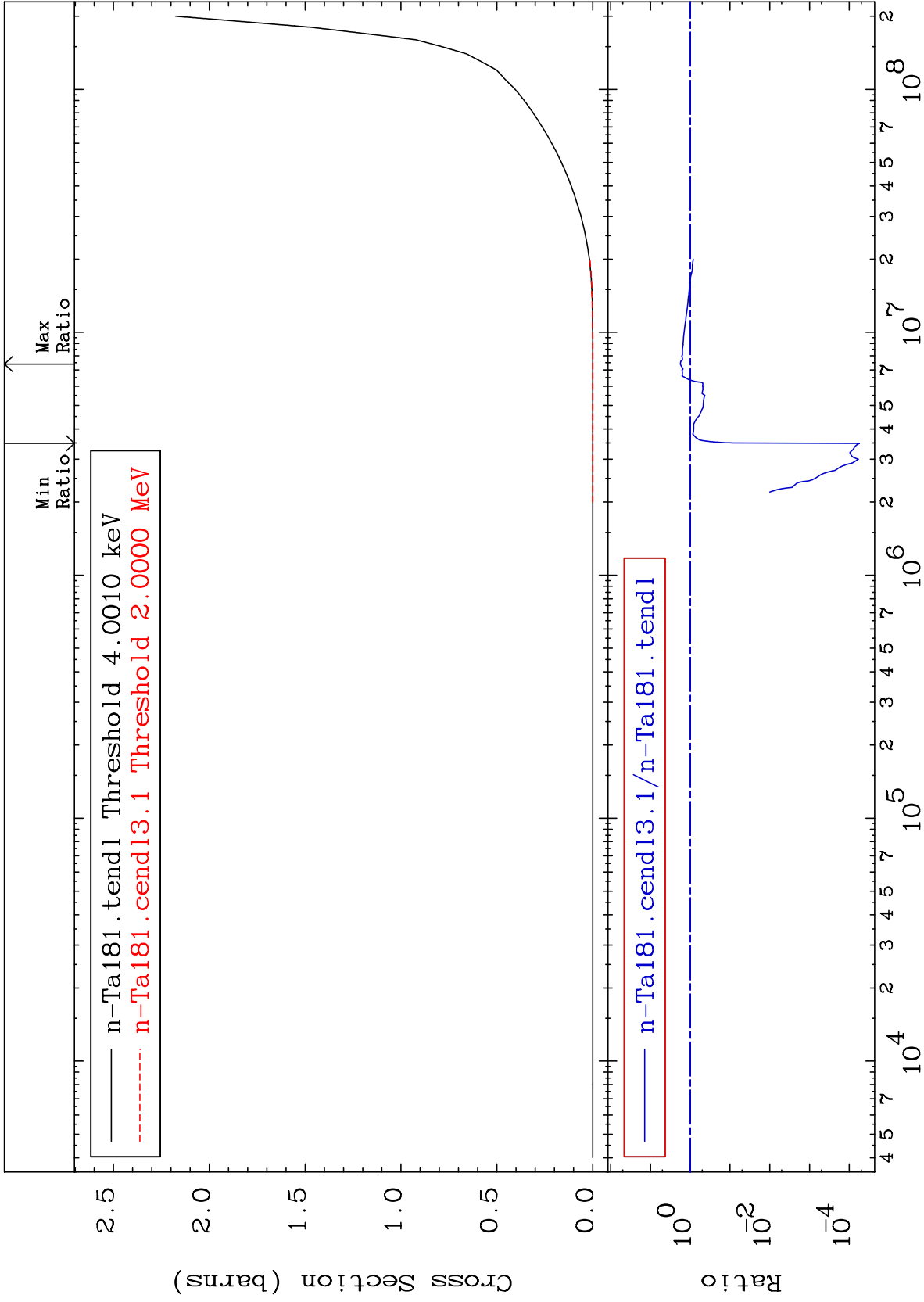
(n, α)

⁷³Ta-181

Cross Section

-87.28 To 9999. %

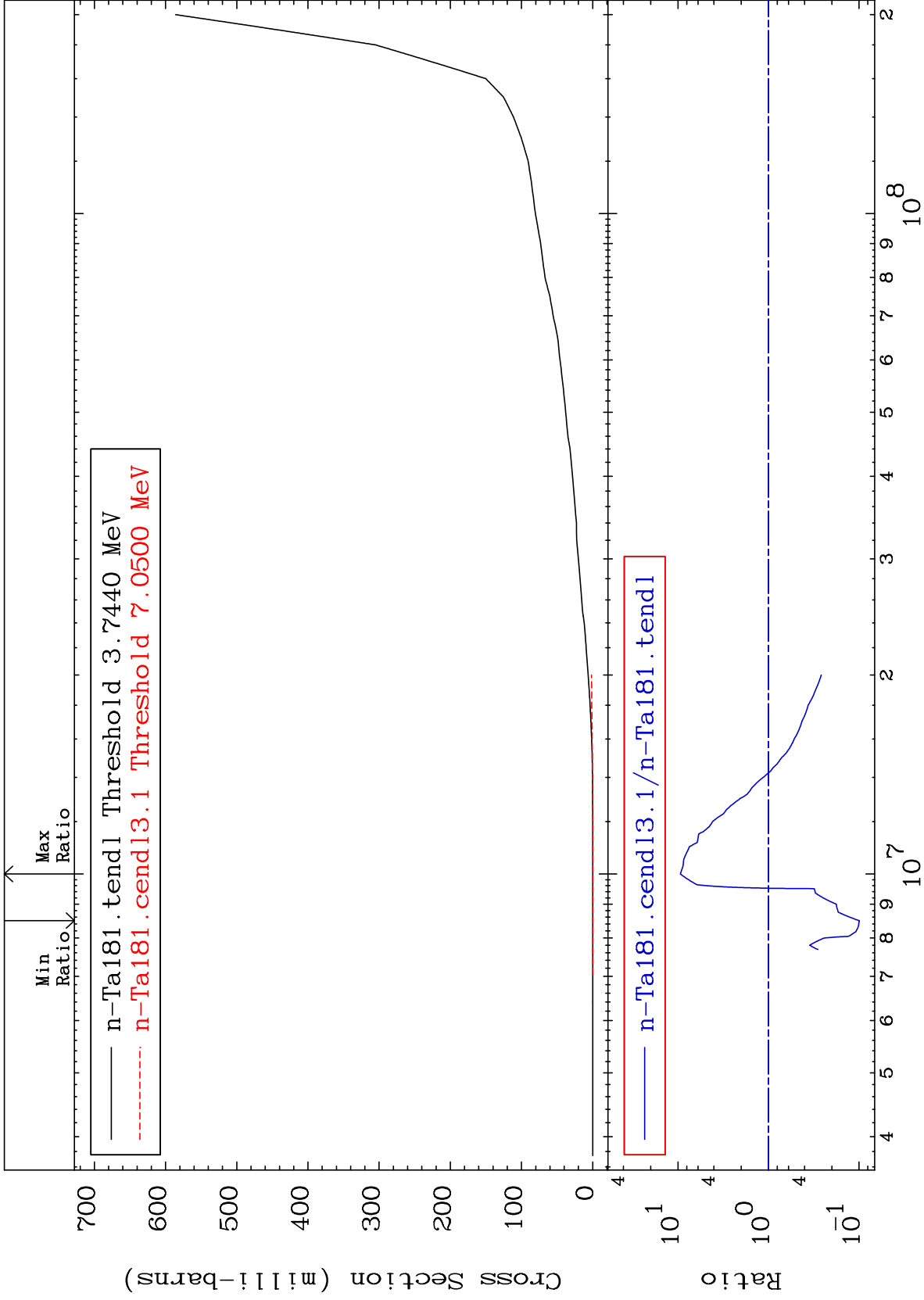




MAT 7328

Deuterium Production
Cross Section

⁷³Ta-¹⁸¹
-90.09 To 840.0 %



30

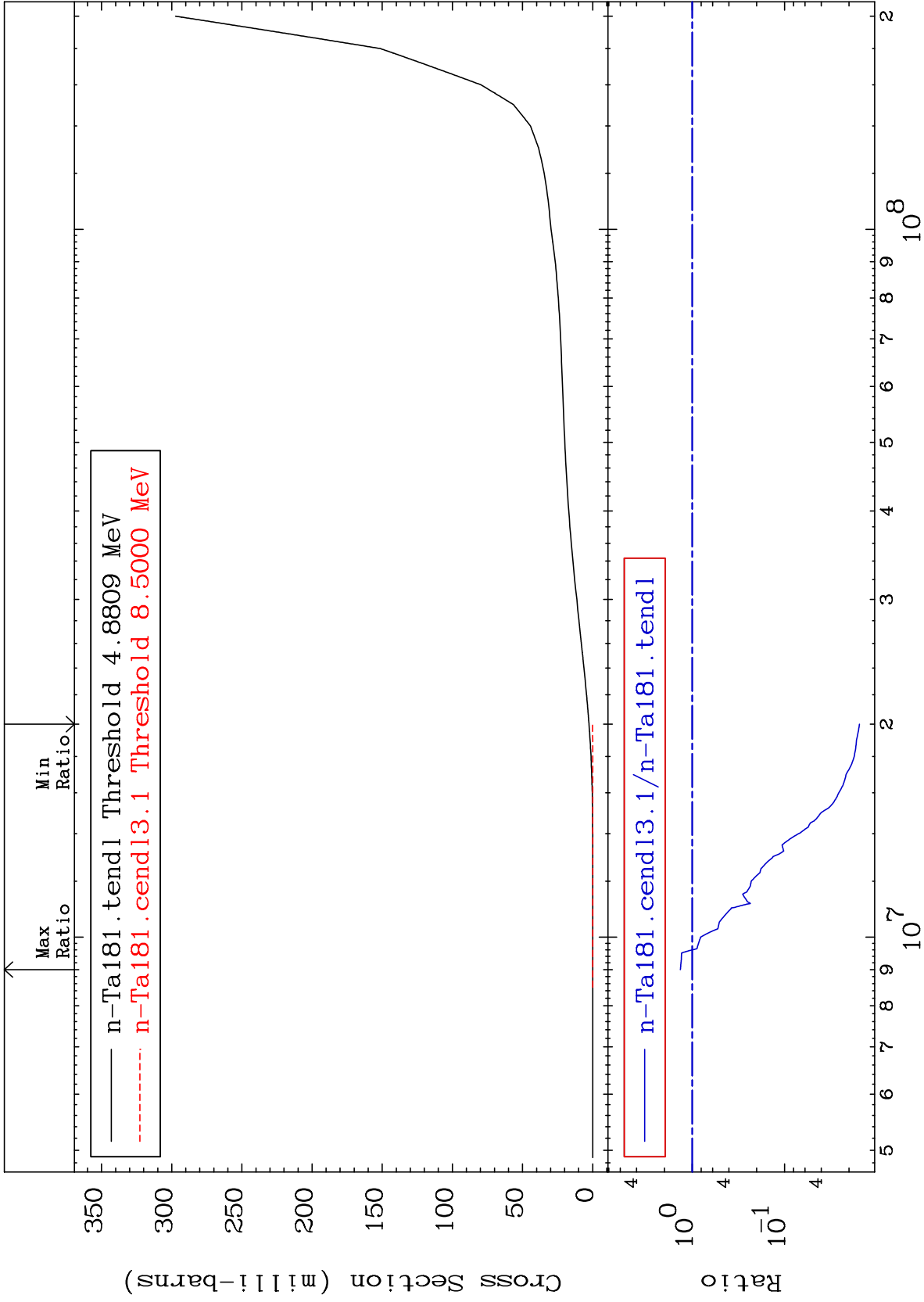
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

Tritium Production
Cross Section

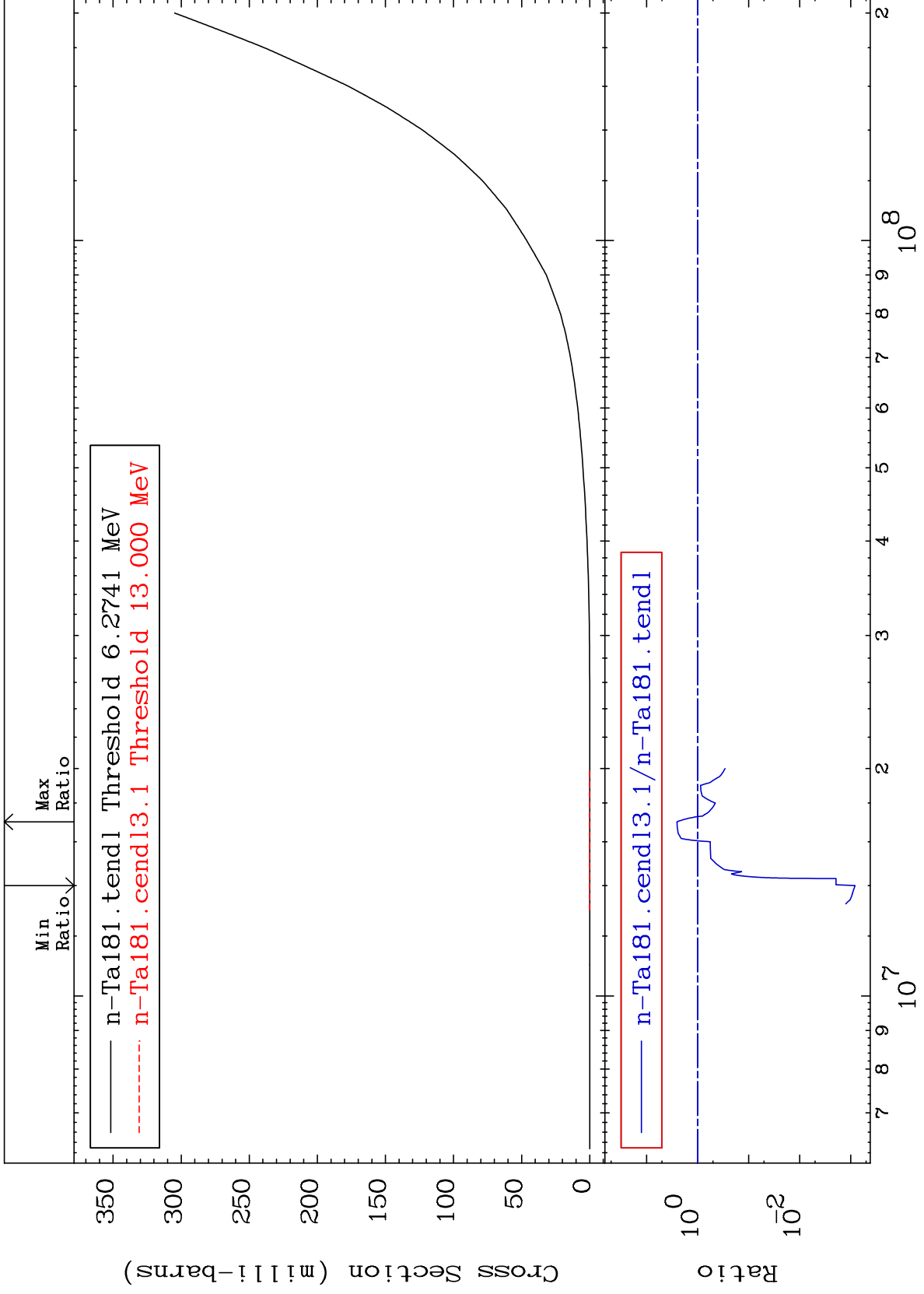
⁷³Ta-¹⁸¹
-98.46 To 34.21 %



MAT 7328

He-3 Production
Cross Section

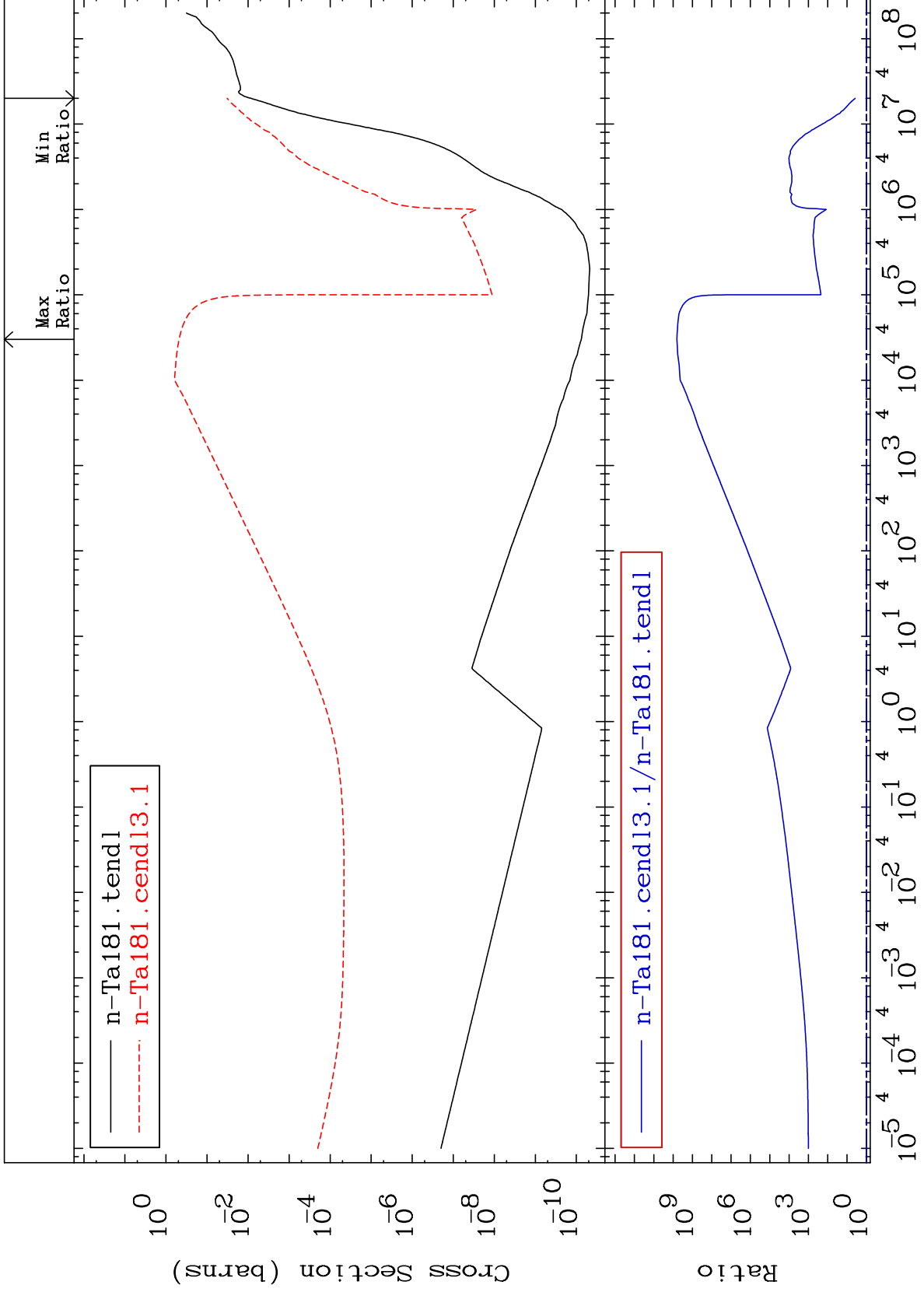
⁷³Ta-¹⁸¹
-99.92 To 155.3 %

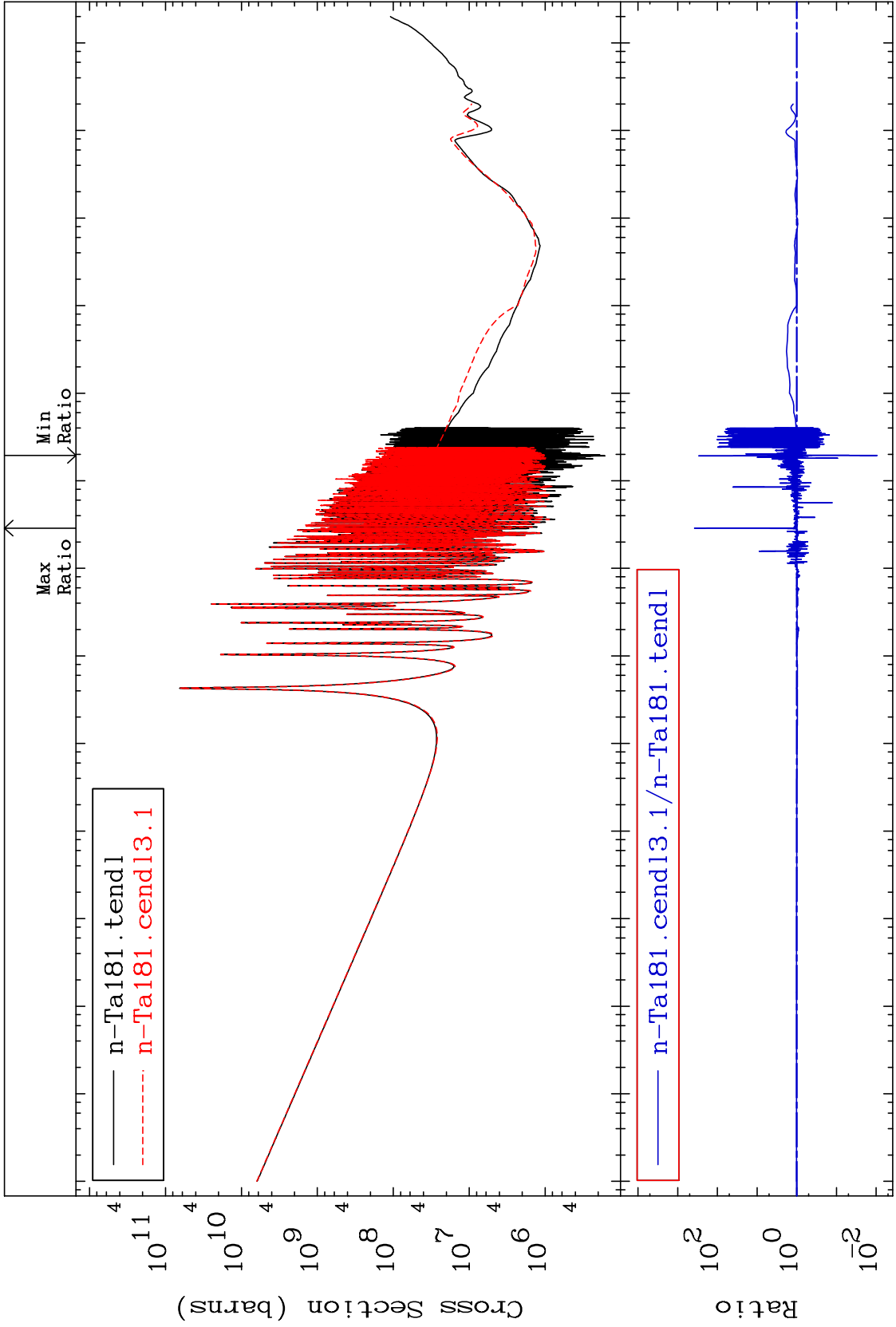


MAT 7328

He-4 Production
Cross Section

73-Ta-181
284.4 To 9999. %

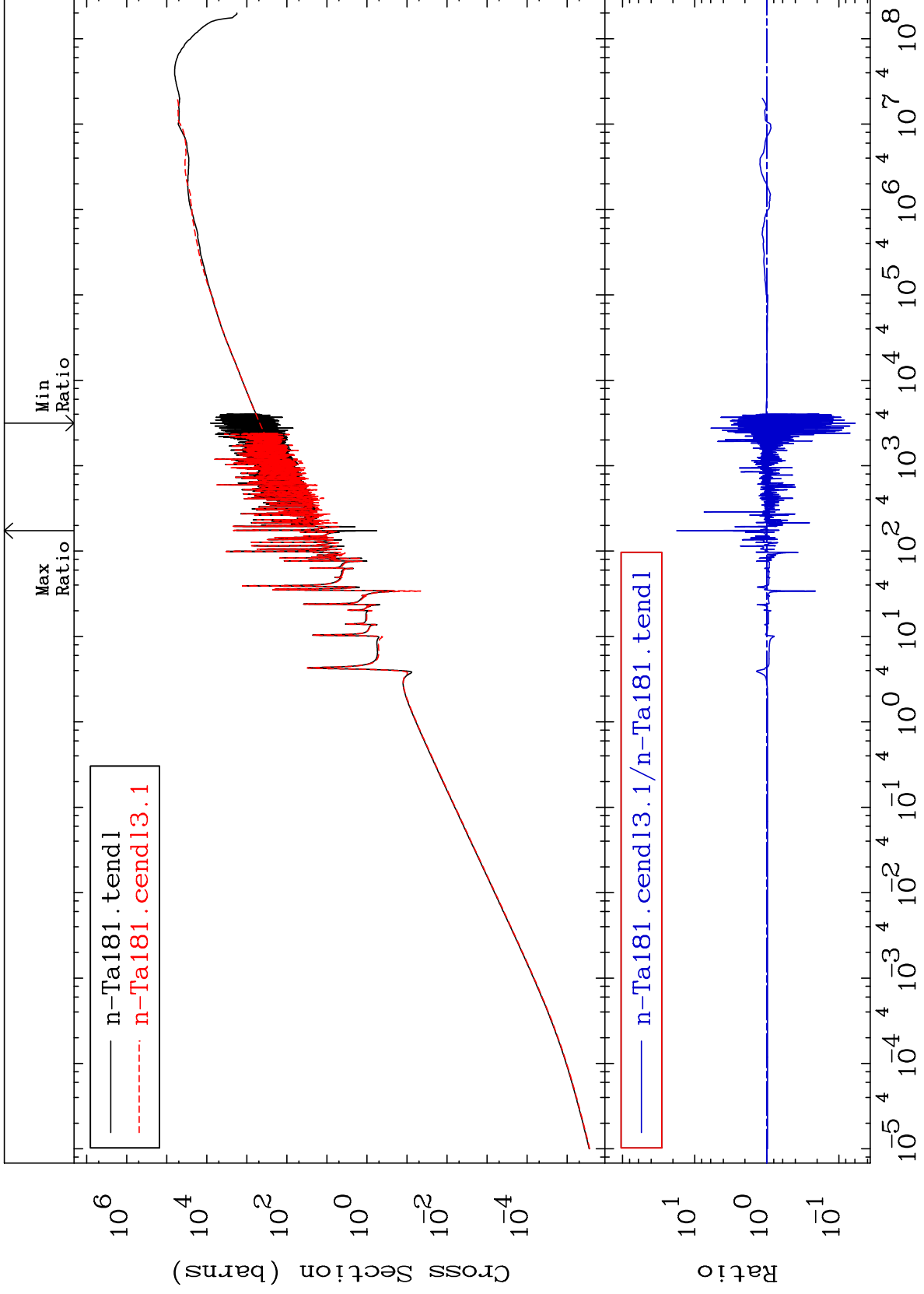


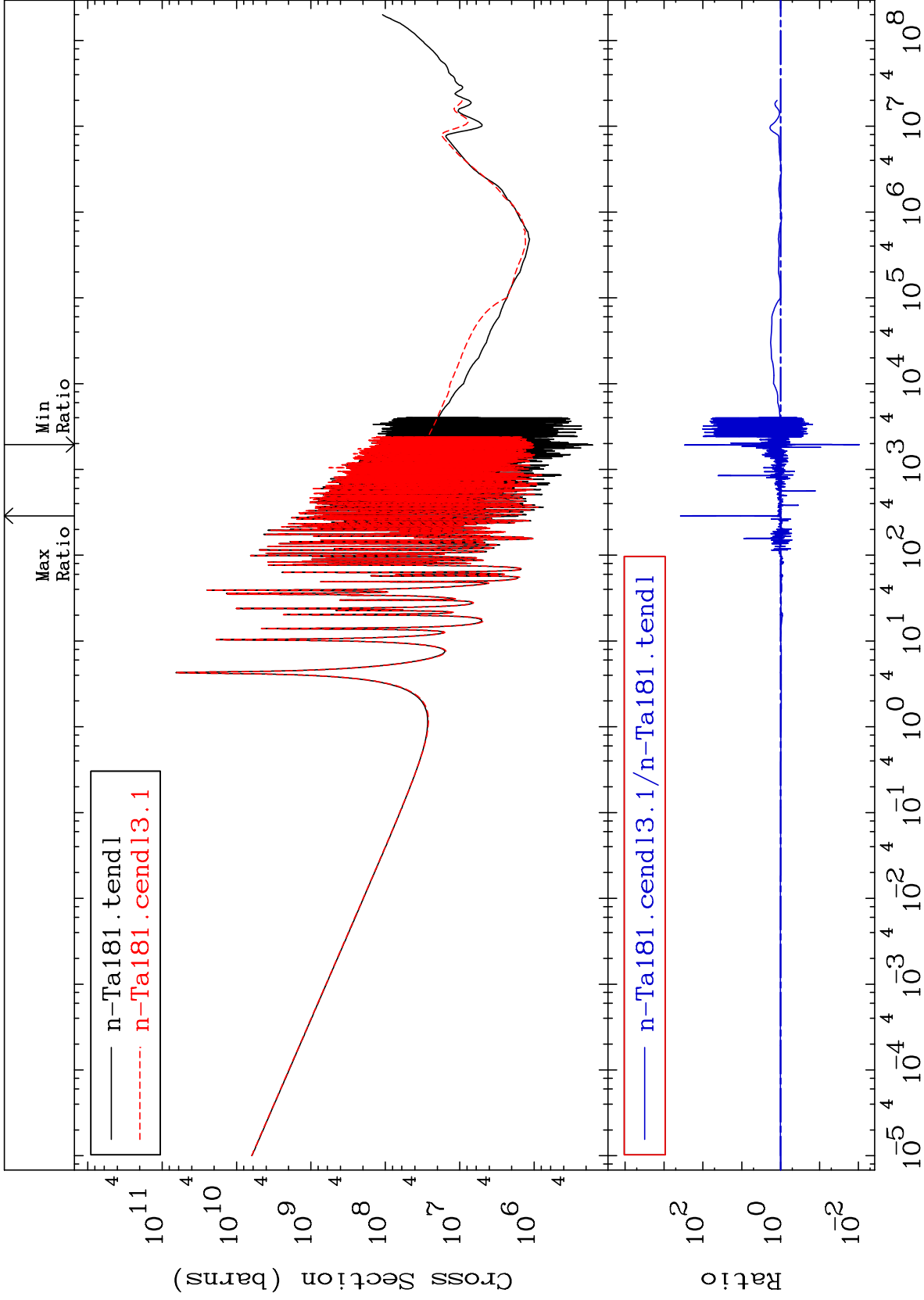


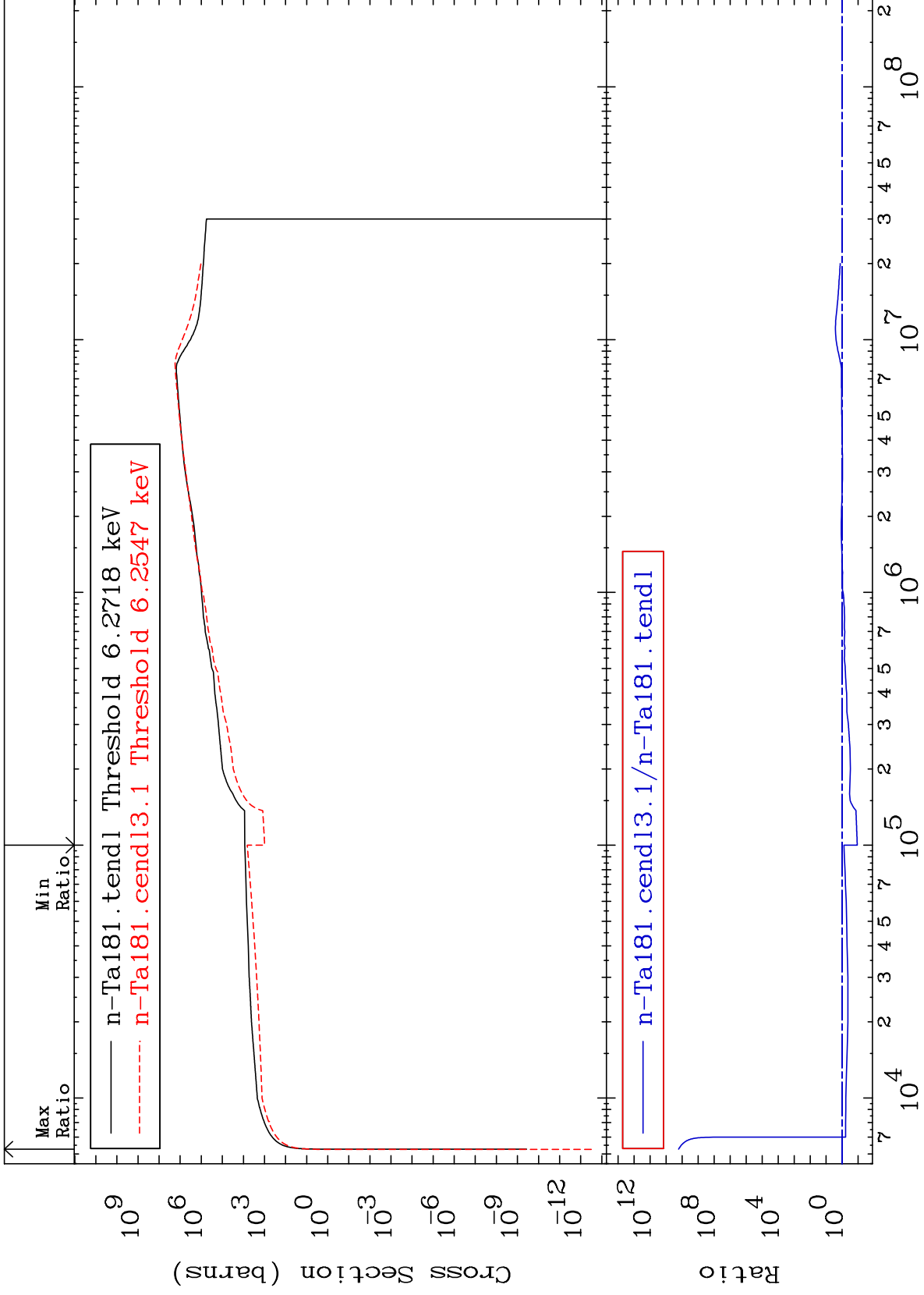
MAT 7328

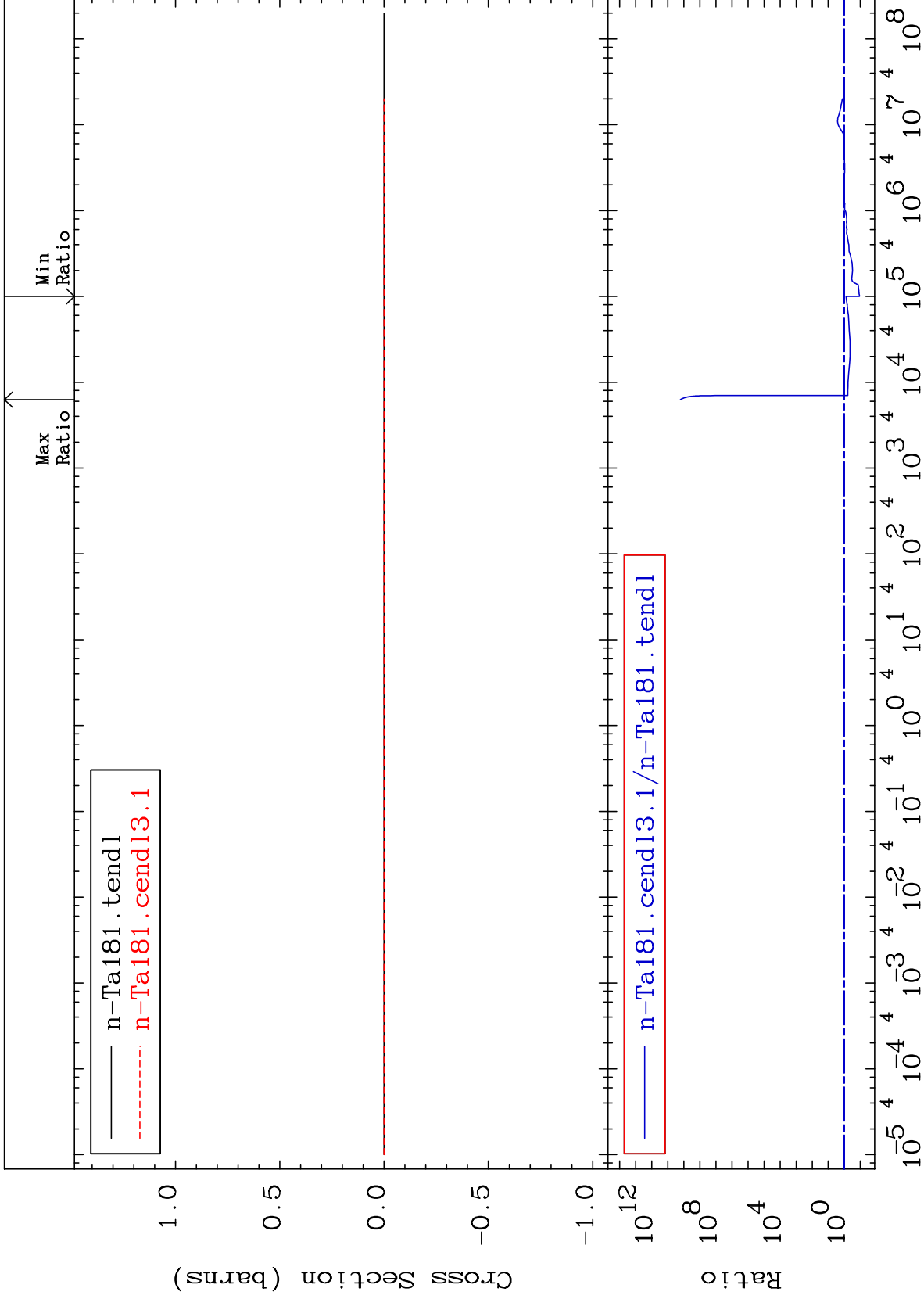
Kerma elastic
Cross Section

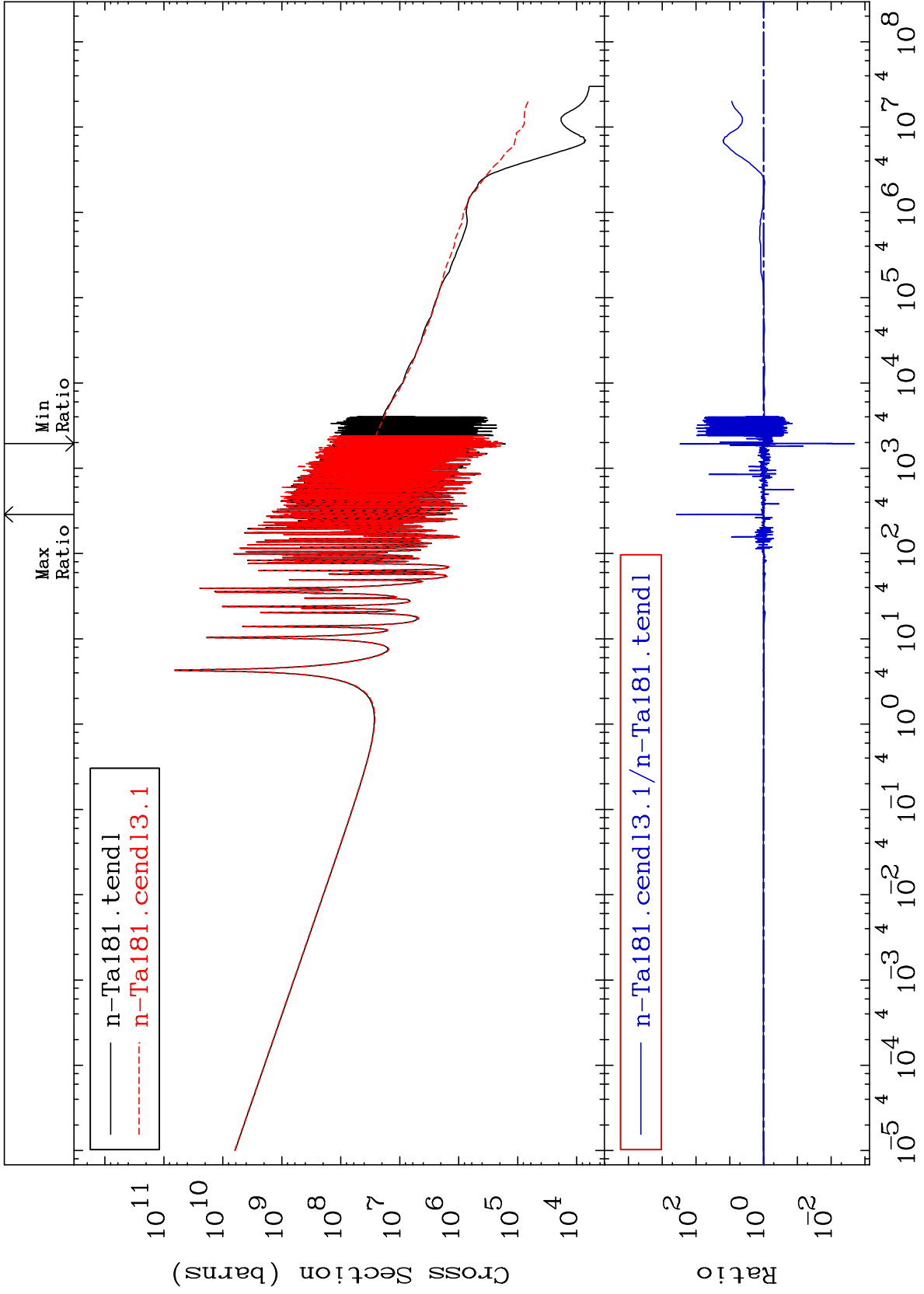
⁷³Ta-181
-94.05 To 1660. %







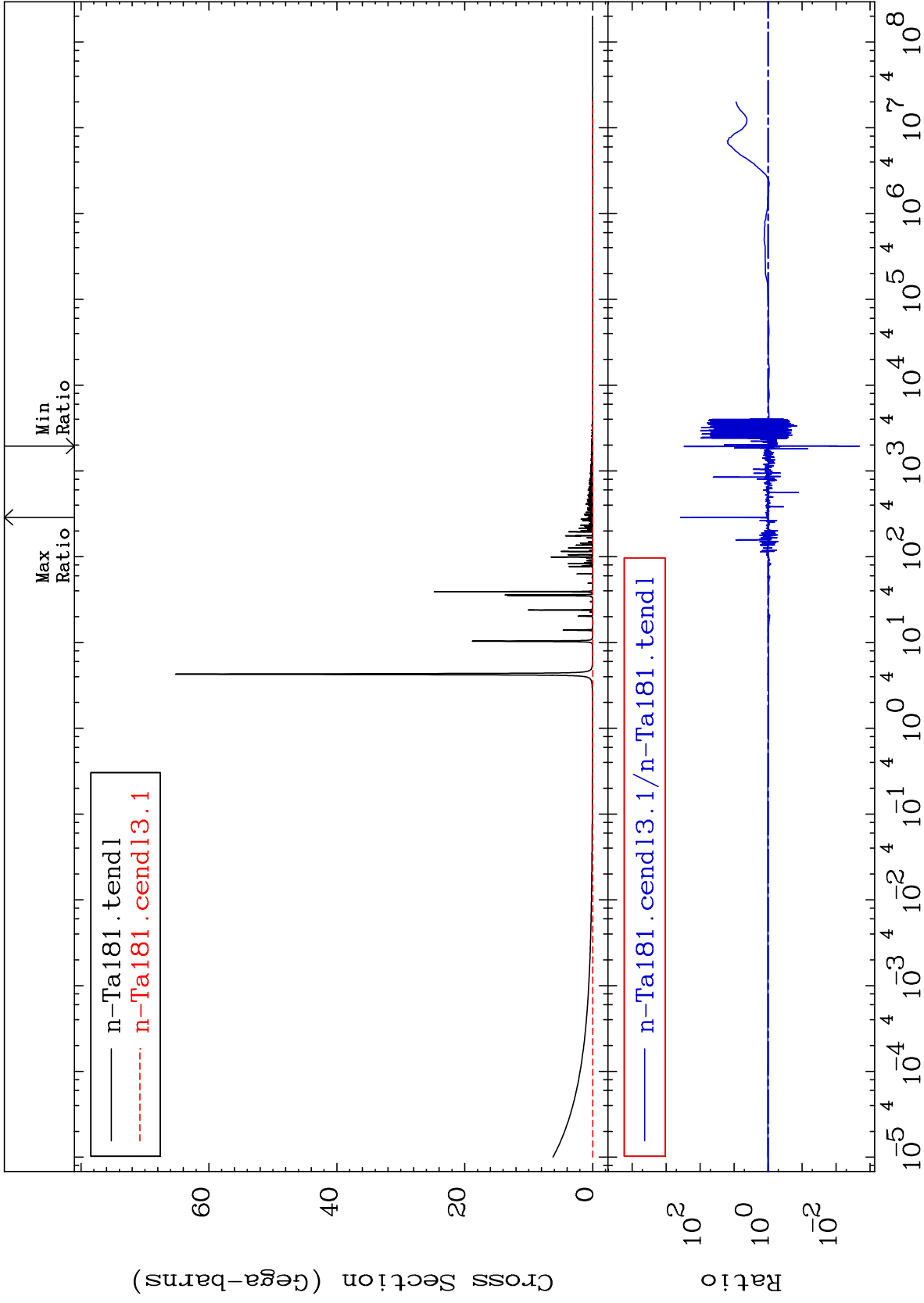




MAT 7328

Total photon (eV-barns)
Cross Section

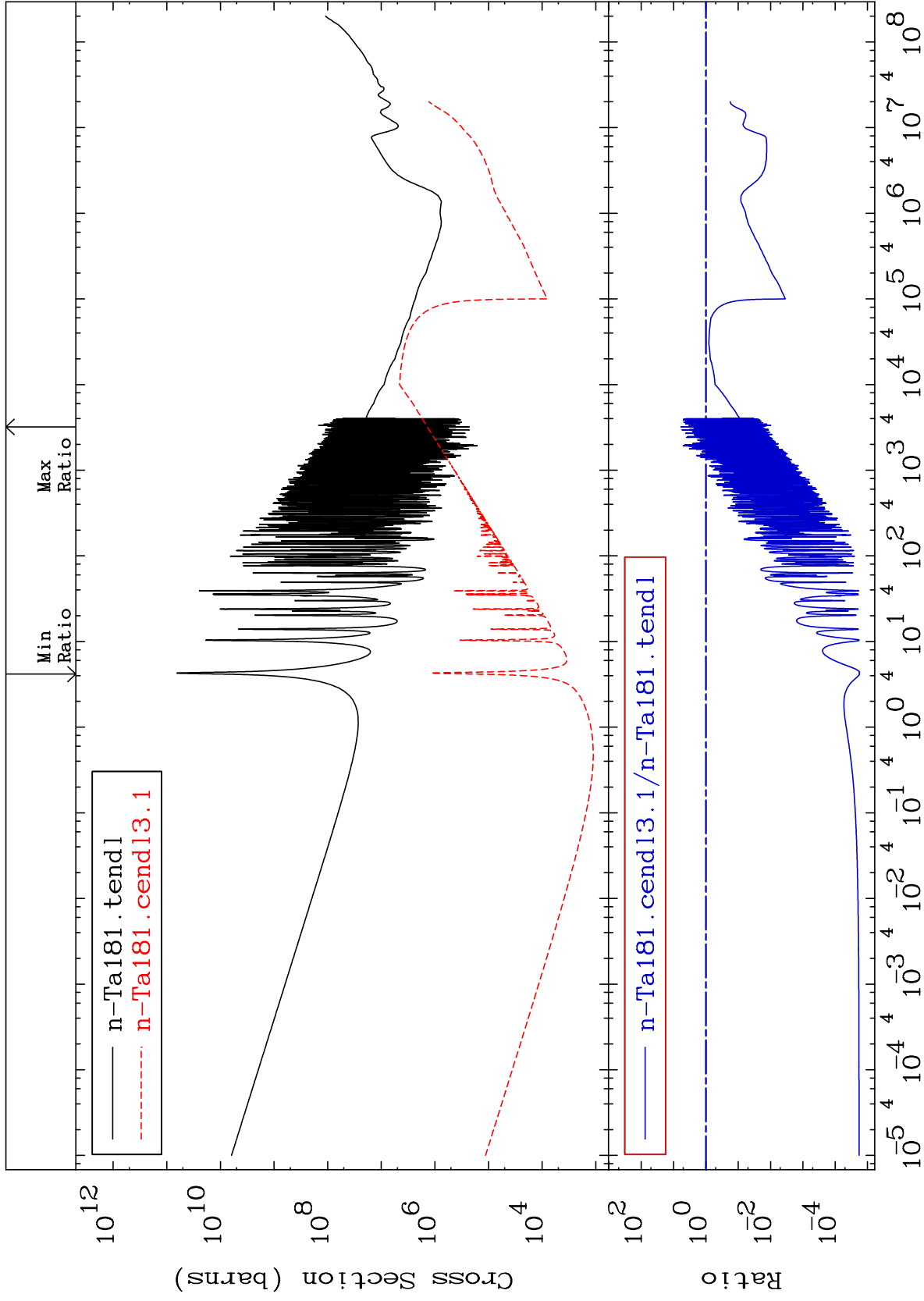
⁷³Ta-181
-99.80 To 9999. %



40

Incident Energy (eV)

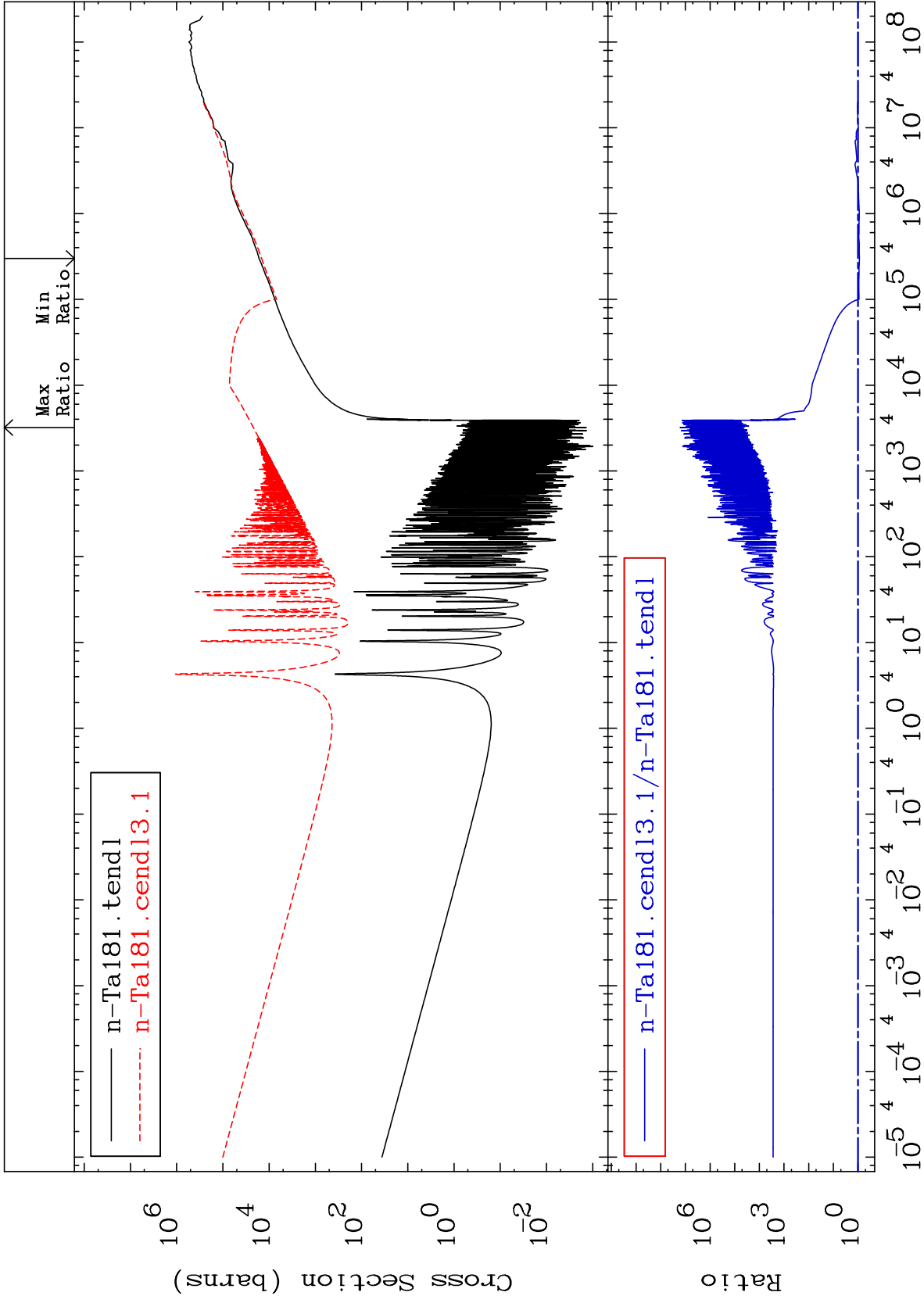
⁷³Ta-181



MAT 7328

Dpa total (eV-barns)
Cross Section

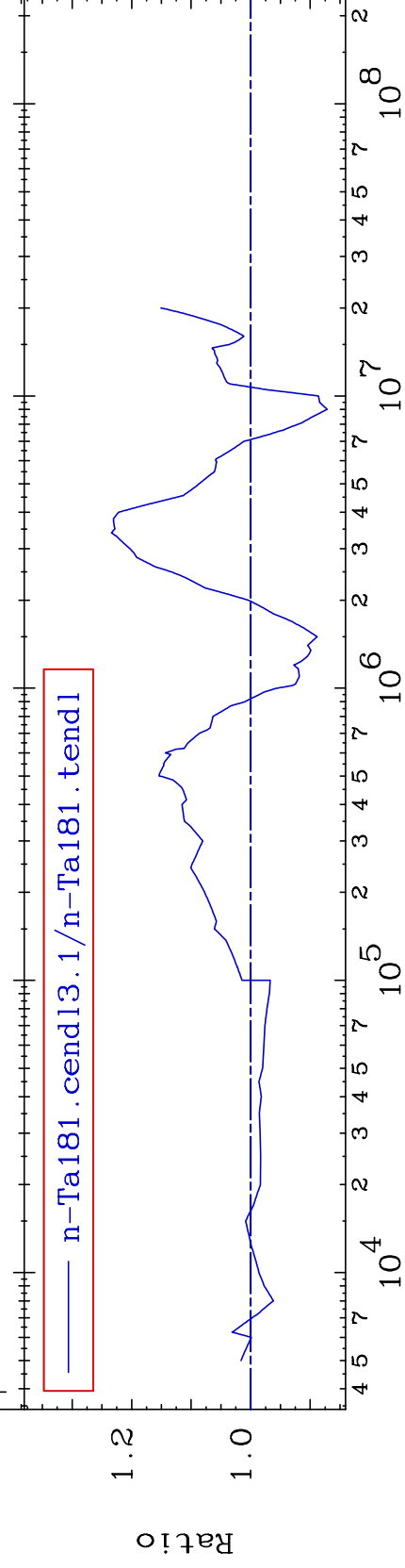
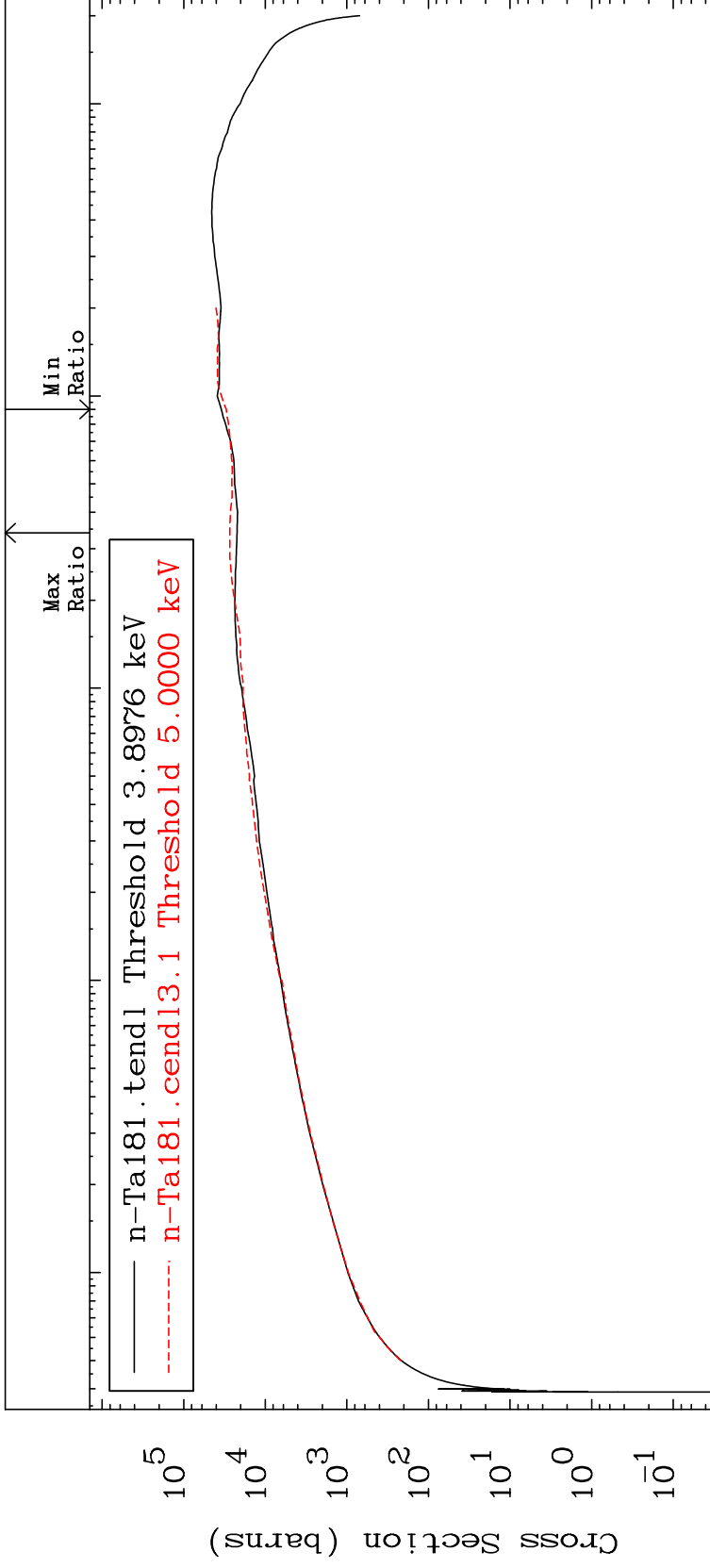
73-Ta-181
-11.95 To 9999. %



MAT 7328

Dpa elastic (mt2)
Cross Section

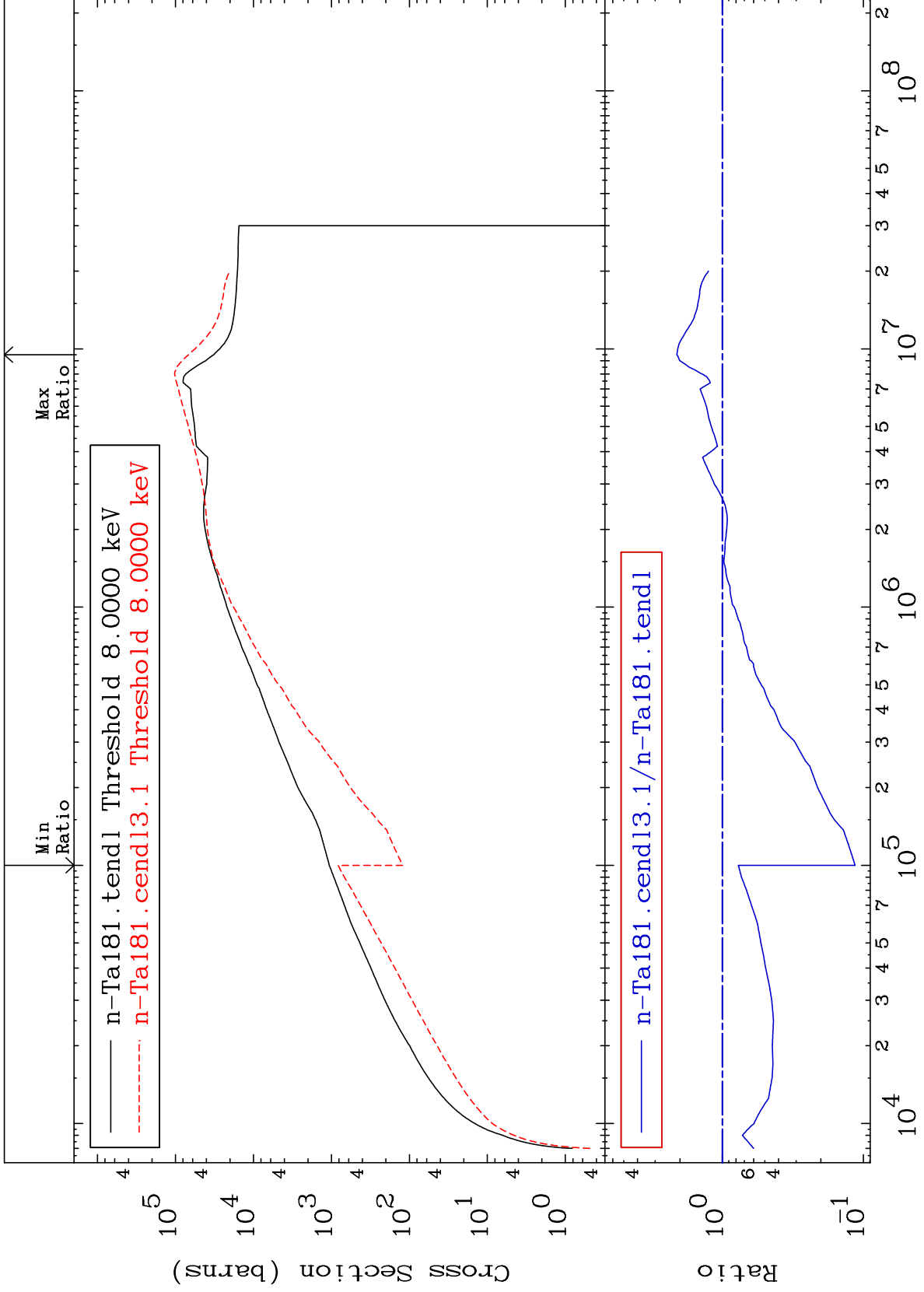
73-Ta-181
-12.86 To 23.39 %



MAT 7328

Dpa inelastic (mt51-91)
Cross Section

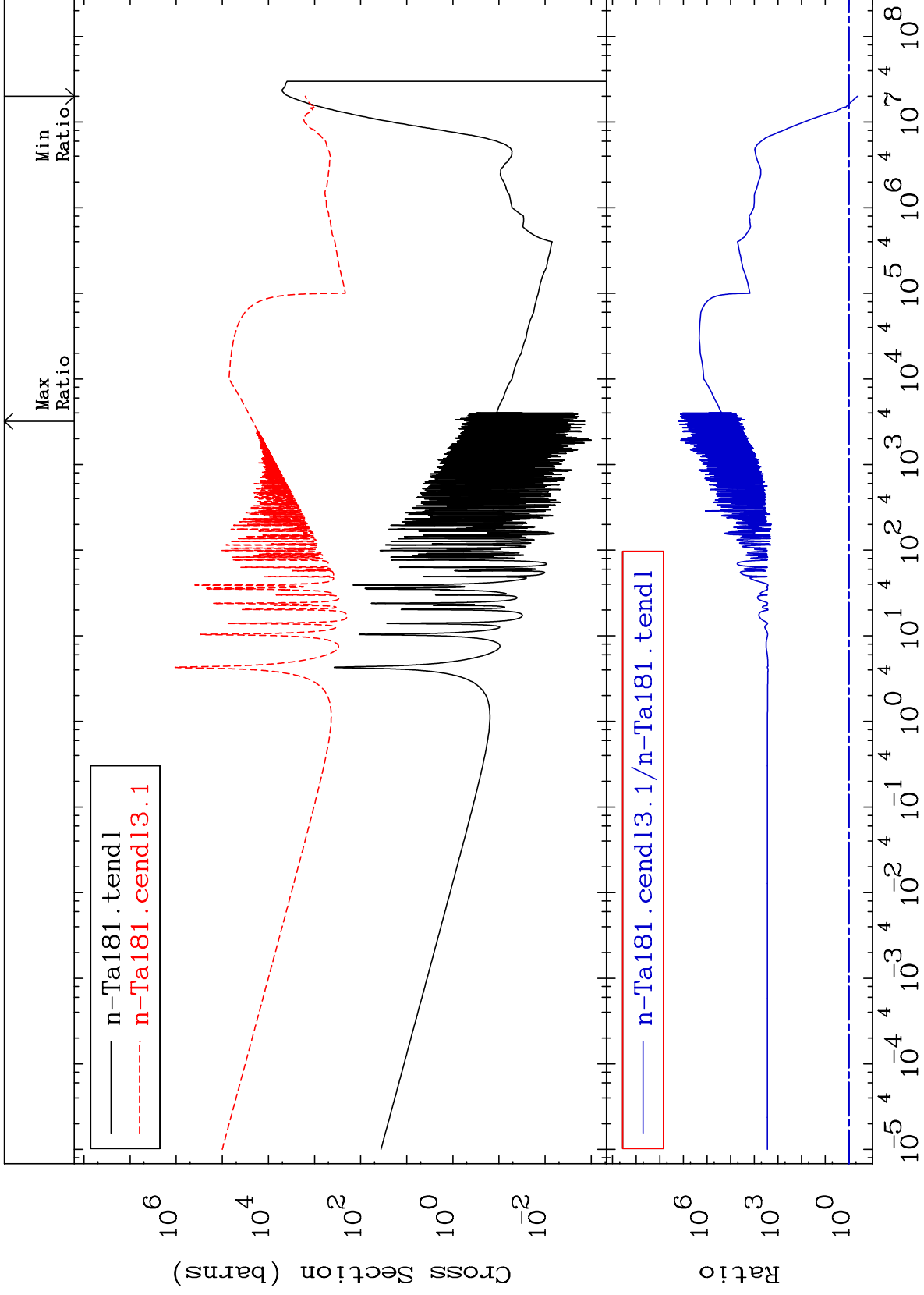
⁷³Ta-¹⁸¹
-88.55 To 110.1 %



MAT 7328

Dpa disappearance (mt102 -120)
Cross Section

73-Ta-181
-56.00 To 9999. %



45

Incident Energy (eV)

73-Ta-181