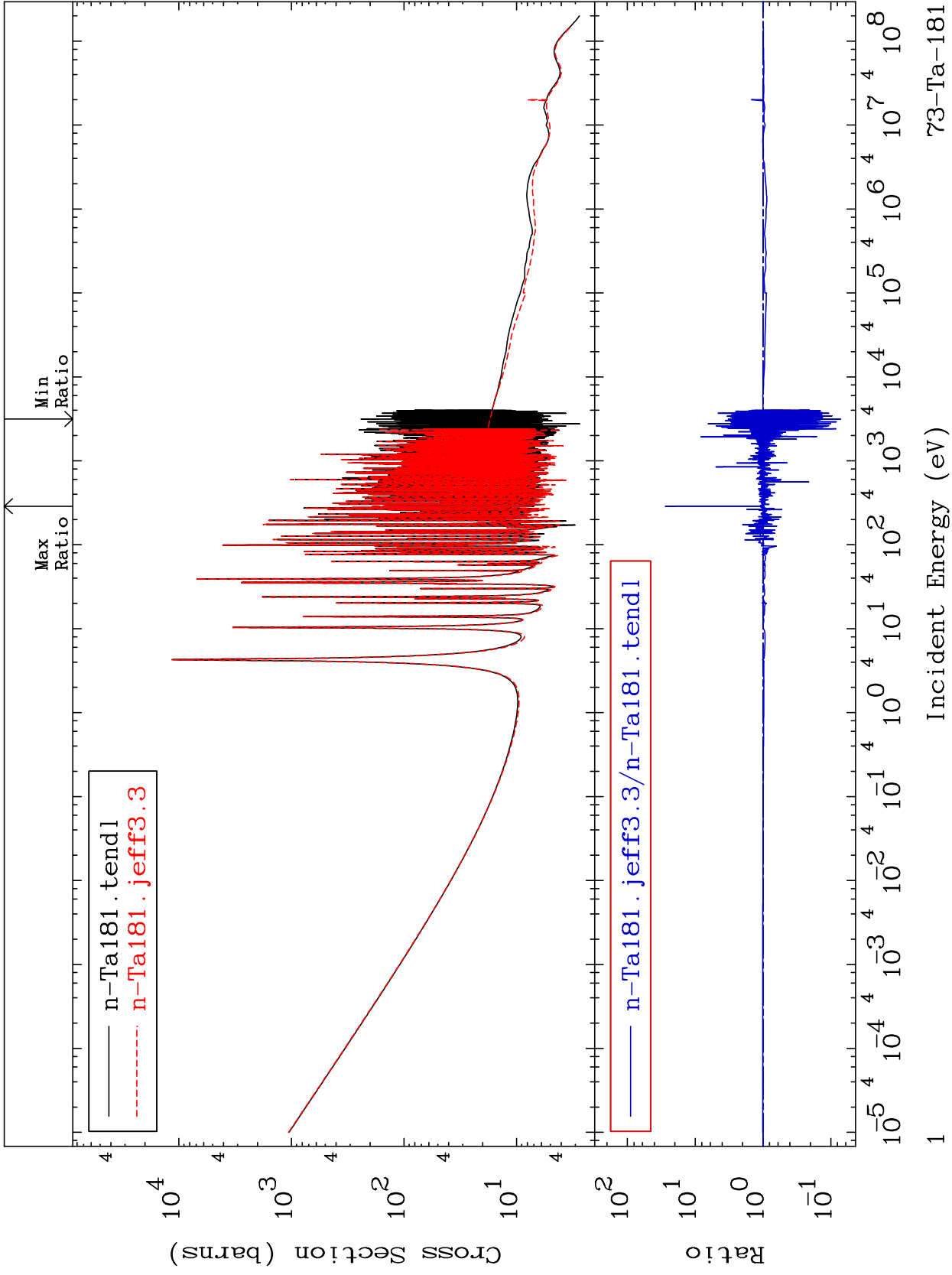


MAT 7328

Total
Cross Section

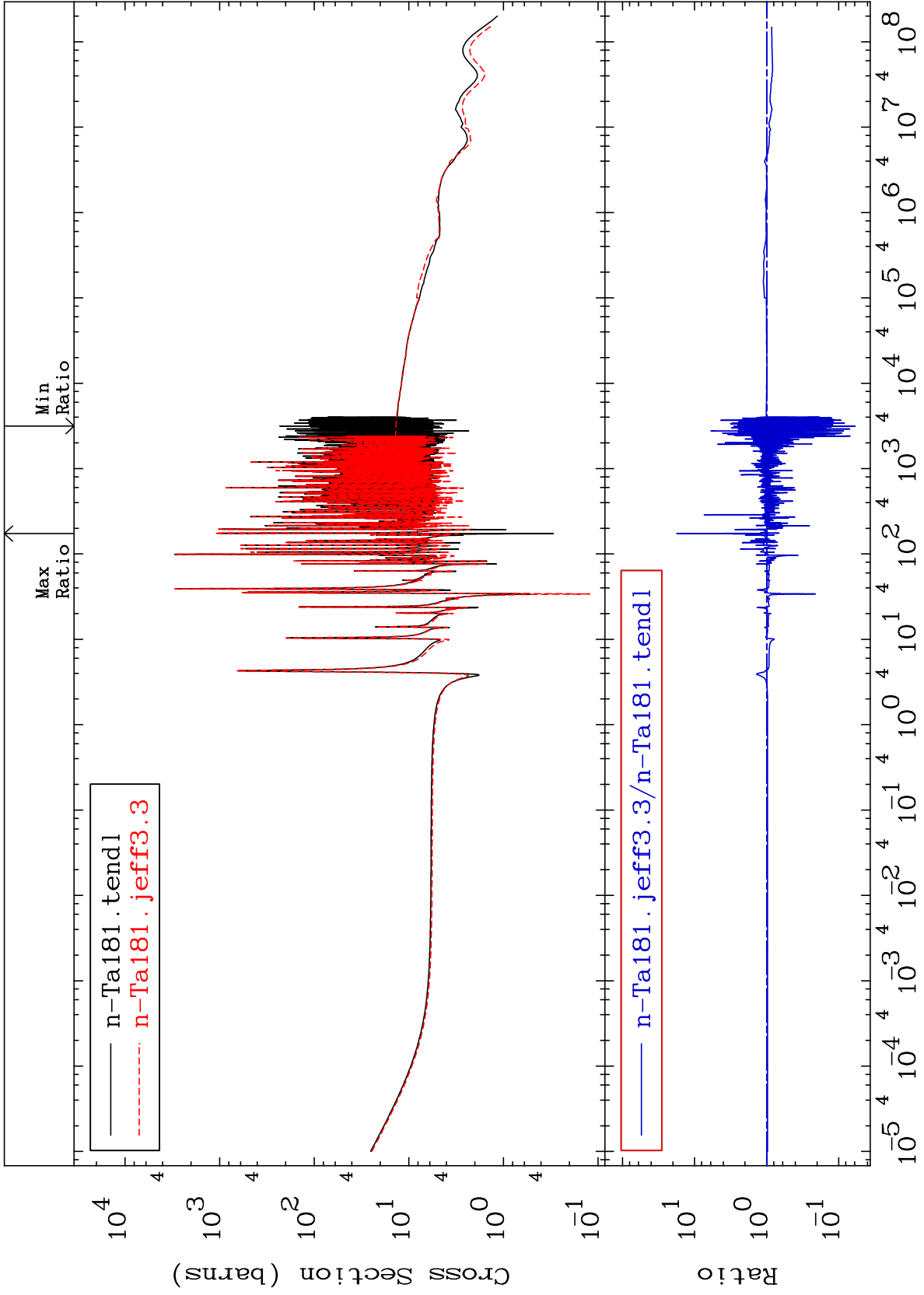
73-Ta-181
-92.85 To 2643. %



73-Ta-181

MAT 7328

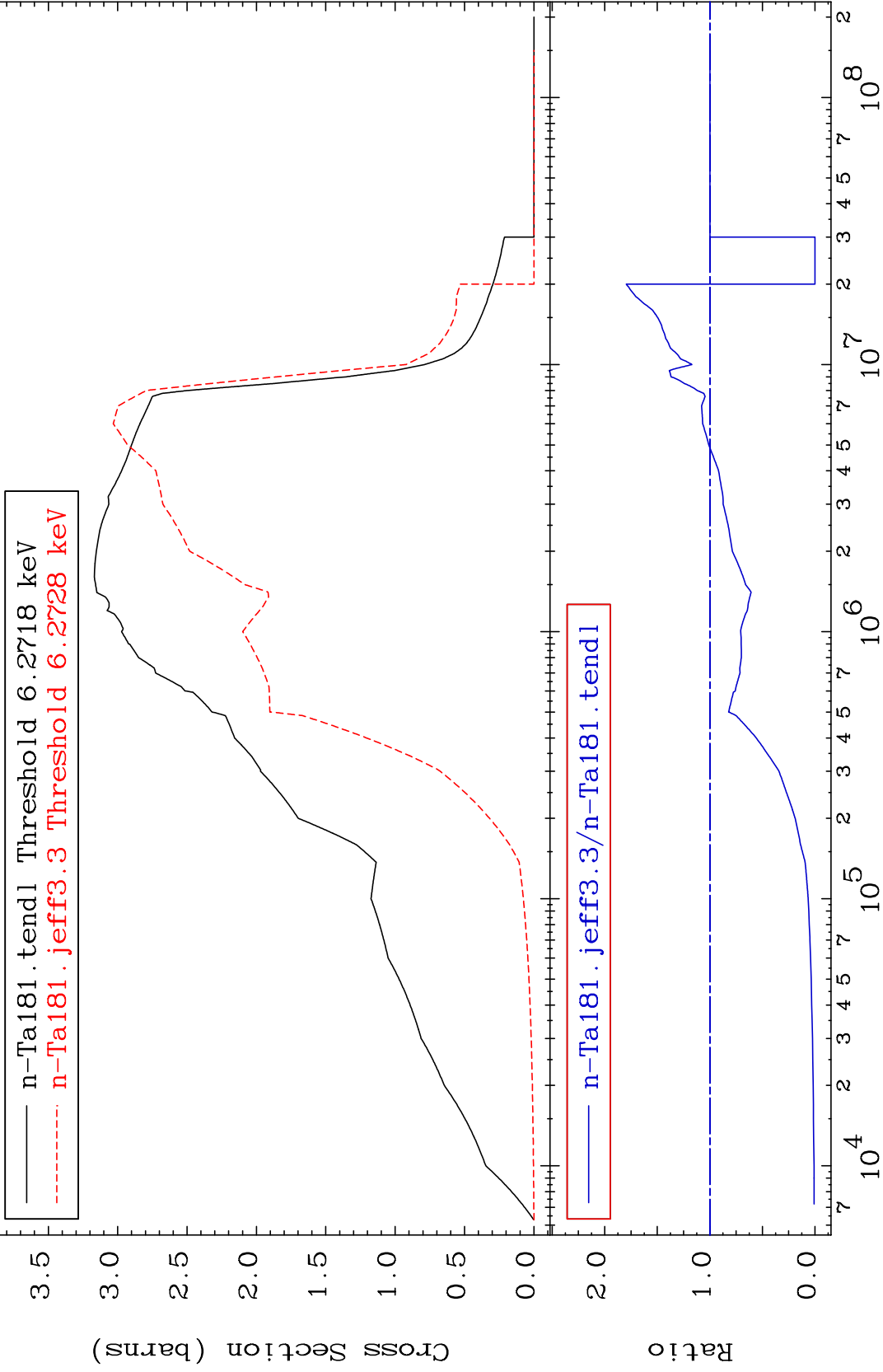
Elastic Cross Section
73-Ta-181
-94.06 To 1660. %



MAT 7328

Inelastic
Cross Section

⁷³Ta-¹⁸¹Ta
-100.0 To 79.49 %



3

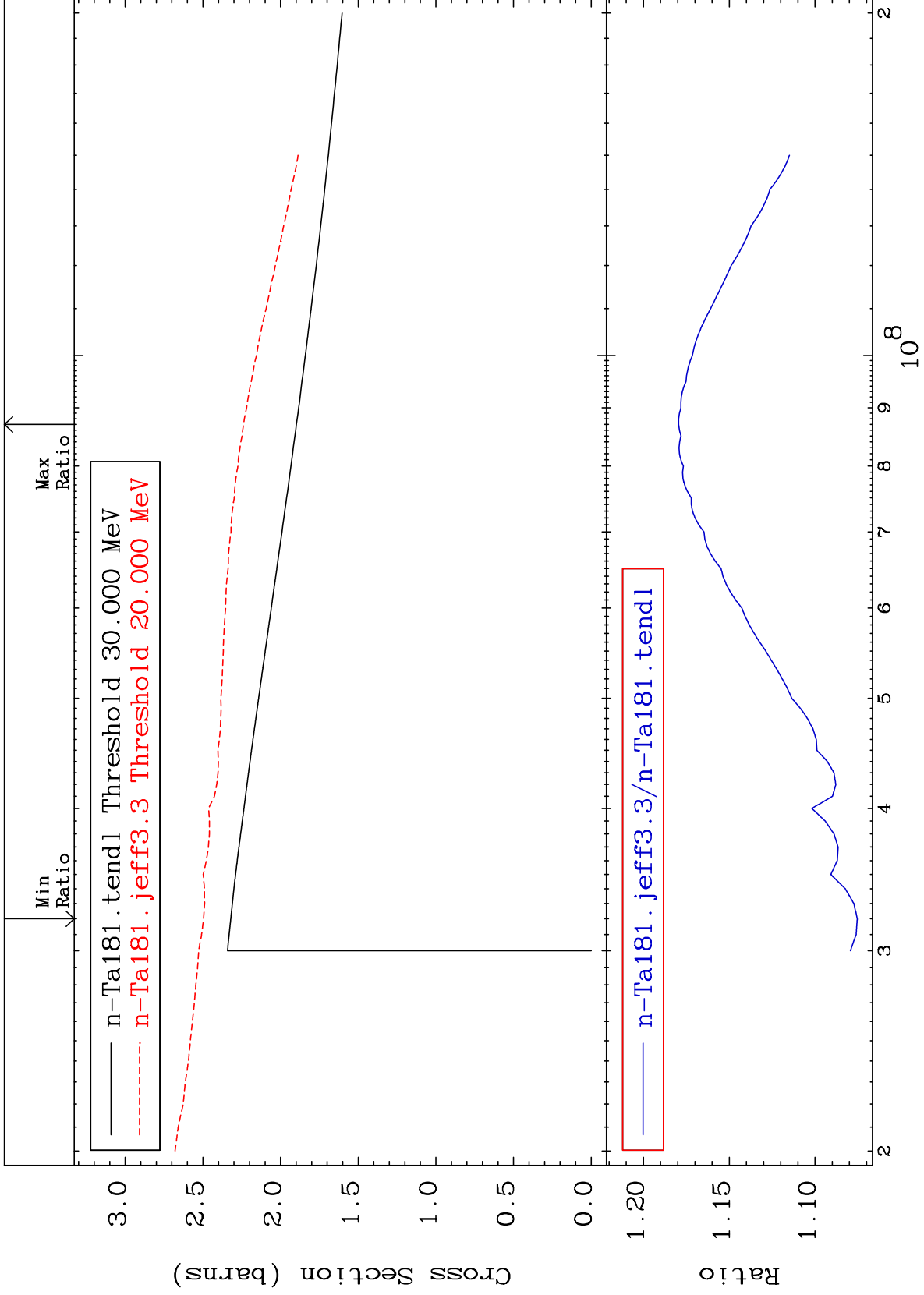
Incident Energy (eV)

⁷³Ta-¹⁸¹Ta

MAT 7328

(n, remainder)
Cross Section

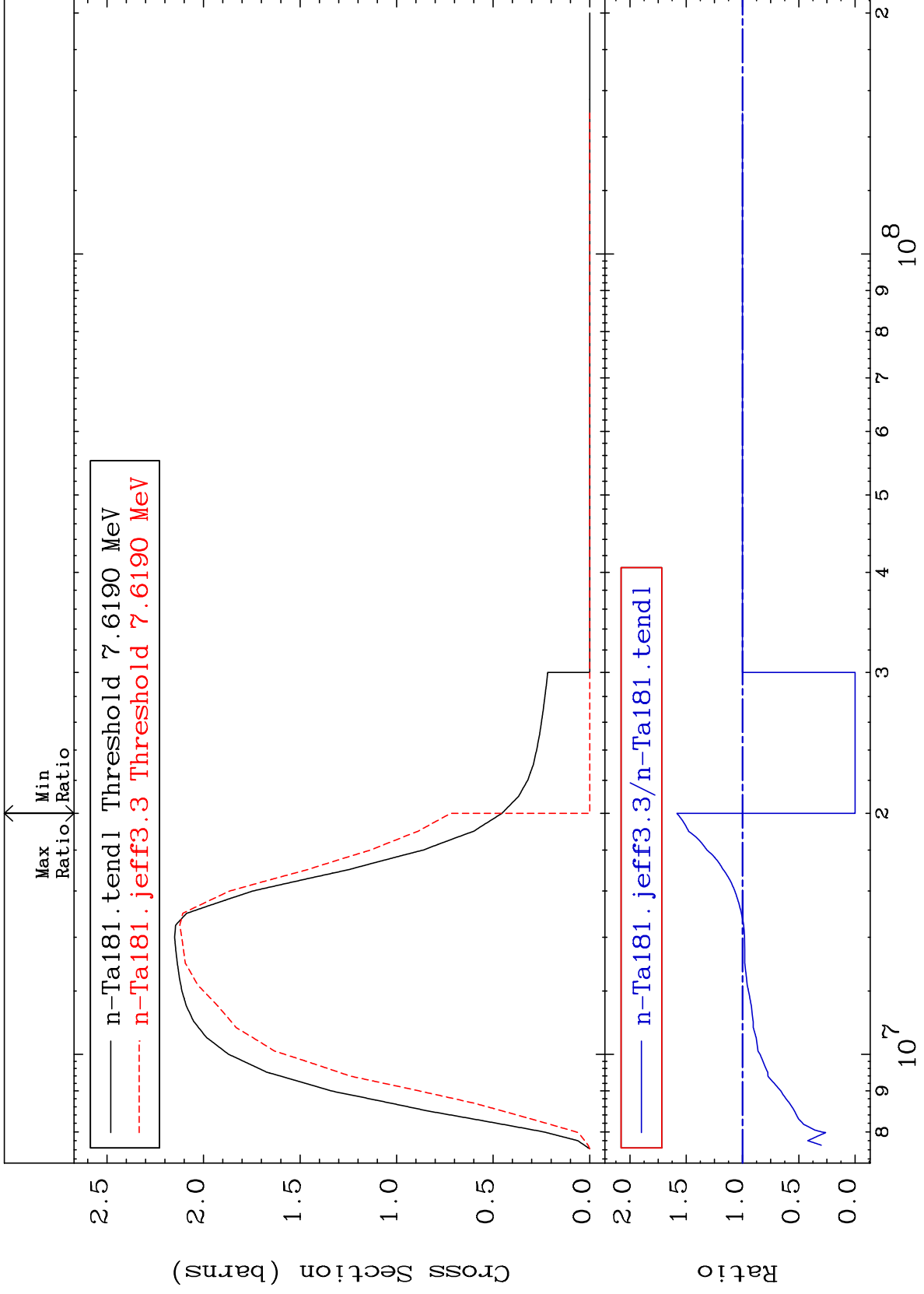
73-Ta-181
7.542 To 17.95 %



MAT 7328

(n,2n)
Cross Section

⁷³Ta-181
-100.0 To 58.29 %



5

Incident Energy (eV)

⁷³Ta-181

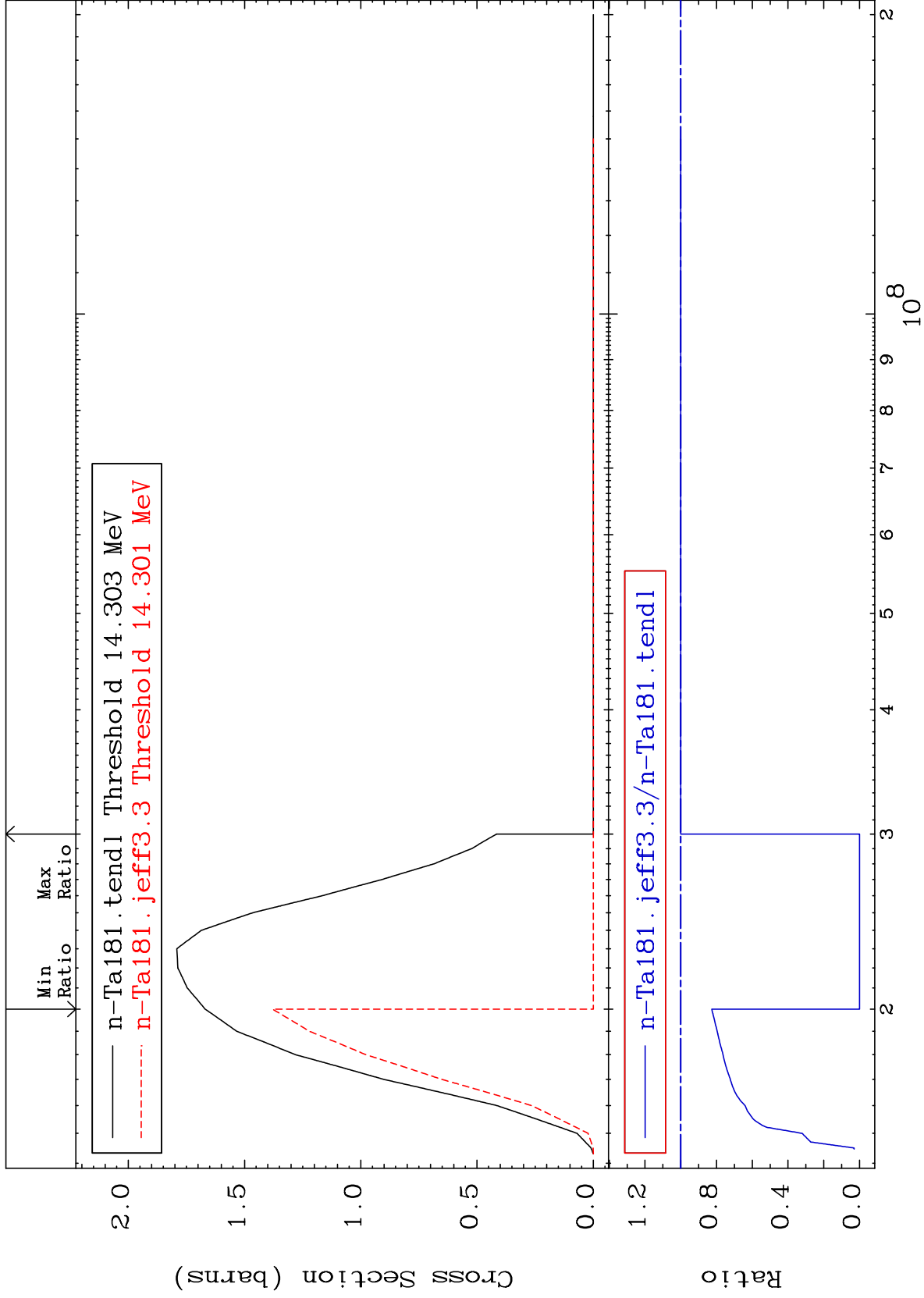
MAT 7328

(n,3n)

⁷³Ta-181

Cross Section

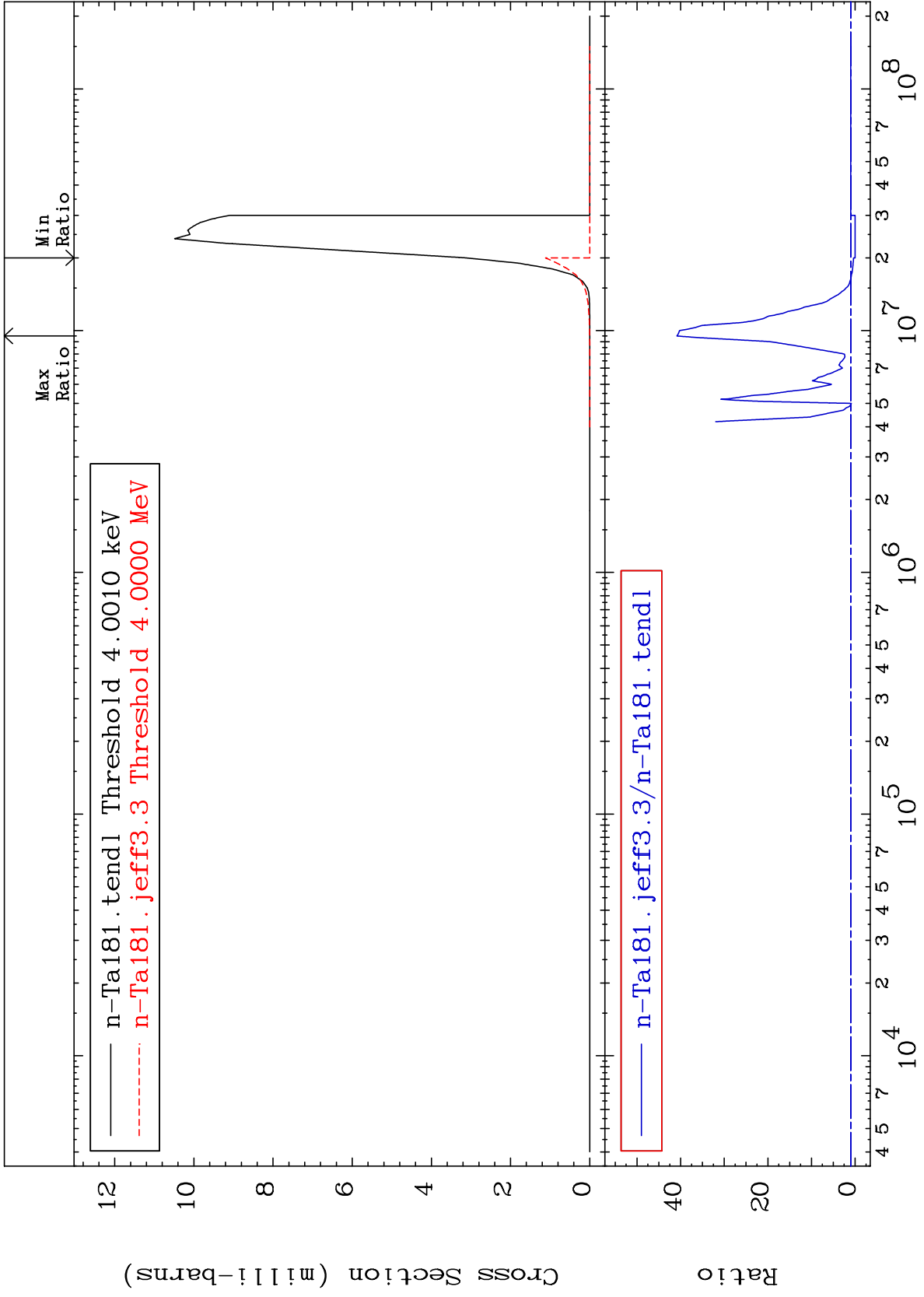
-100.0 To 0.000 %



MAT 7328

(n, n') α
Cross Section

$^{73}\text{Ta-181}$
-100.0 To 3985. %



7

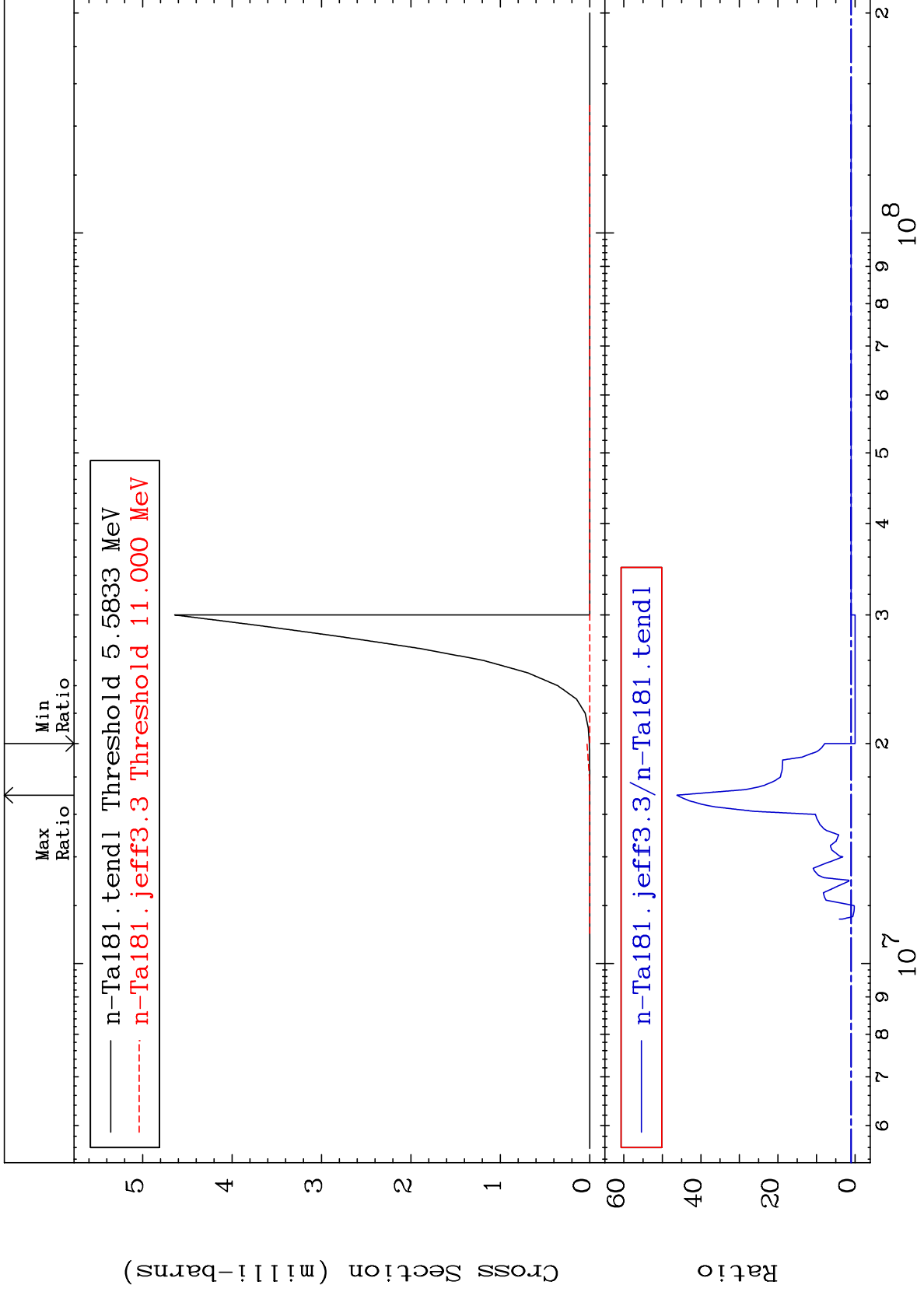
Incident Energy (eV)

$^{73}\text{Ta-181}$

MAT 7328

(n,2n) α
Cross Section

⁷³Ta-181
-100.0 To 4520. %



8

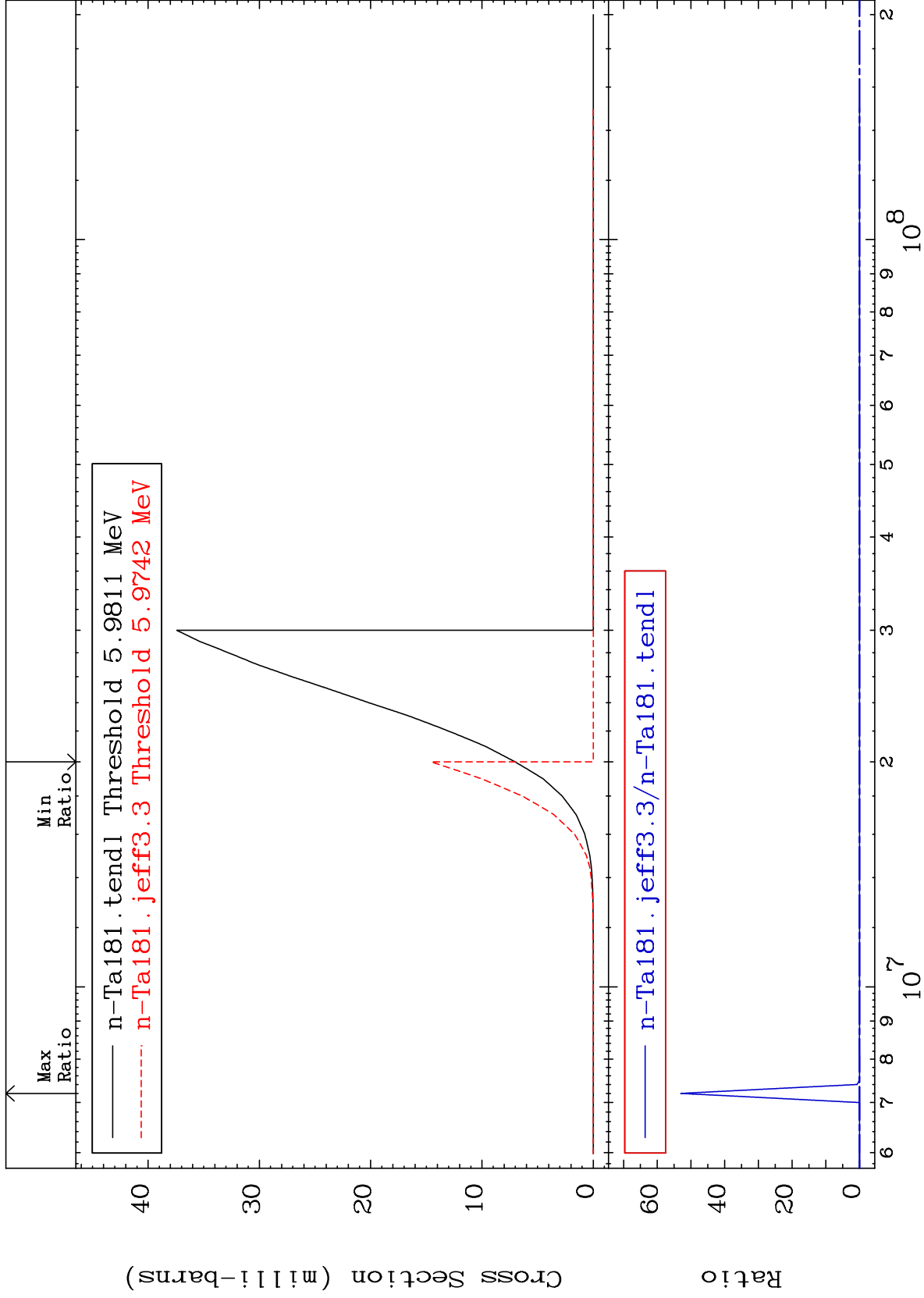
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n,n') p
Cross Section

⁷³Ta-181
-100.0 To 9999. %



9

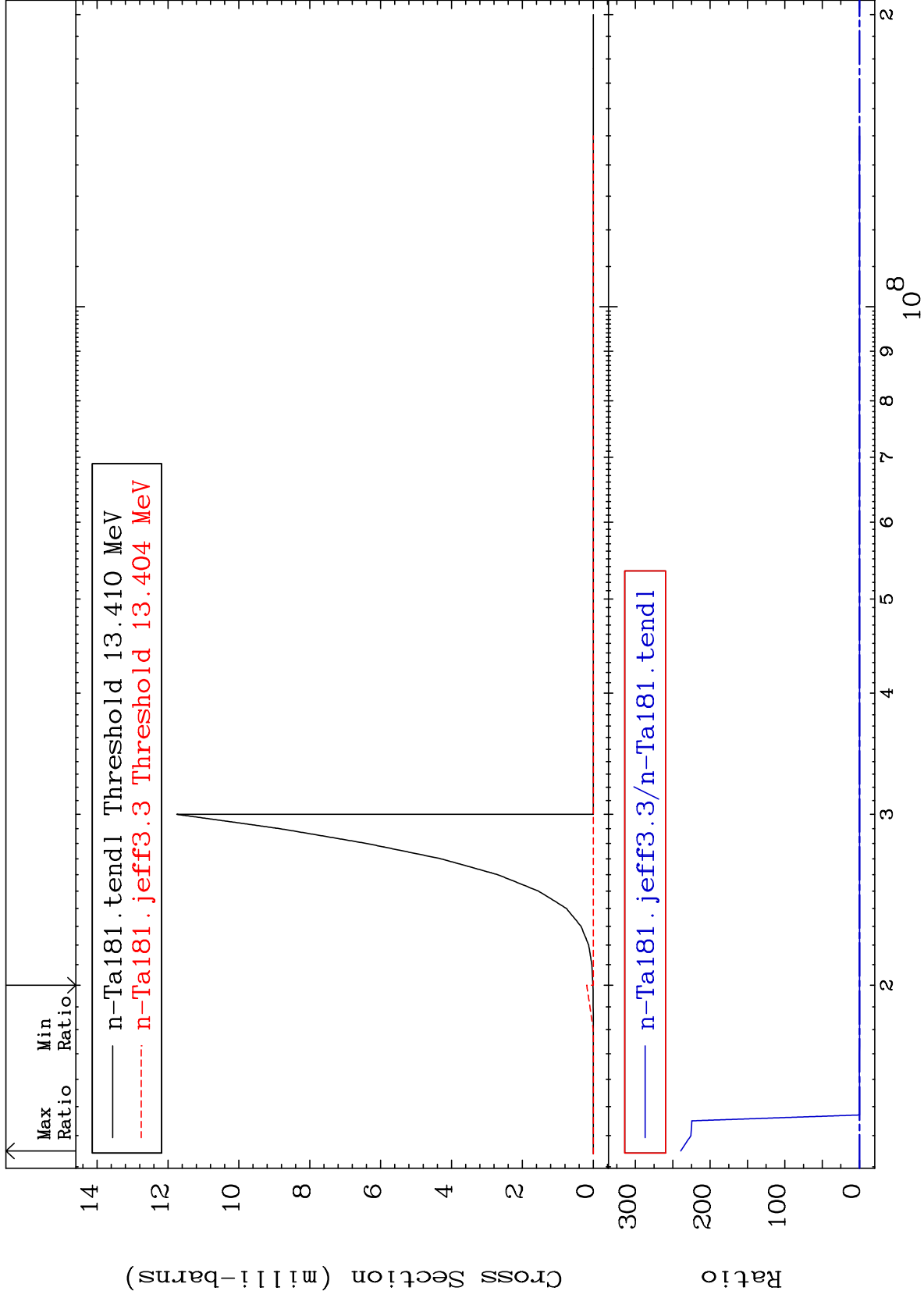
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n,2n) p
Cross Section

⁷³Ta-181
-100.0 To 9999. %



10

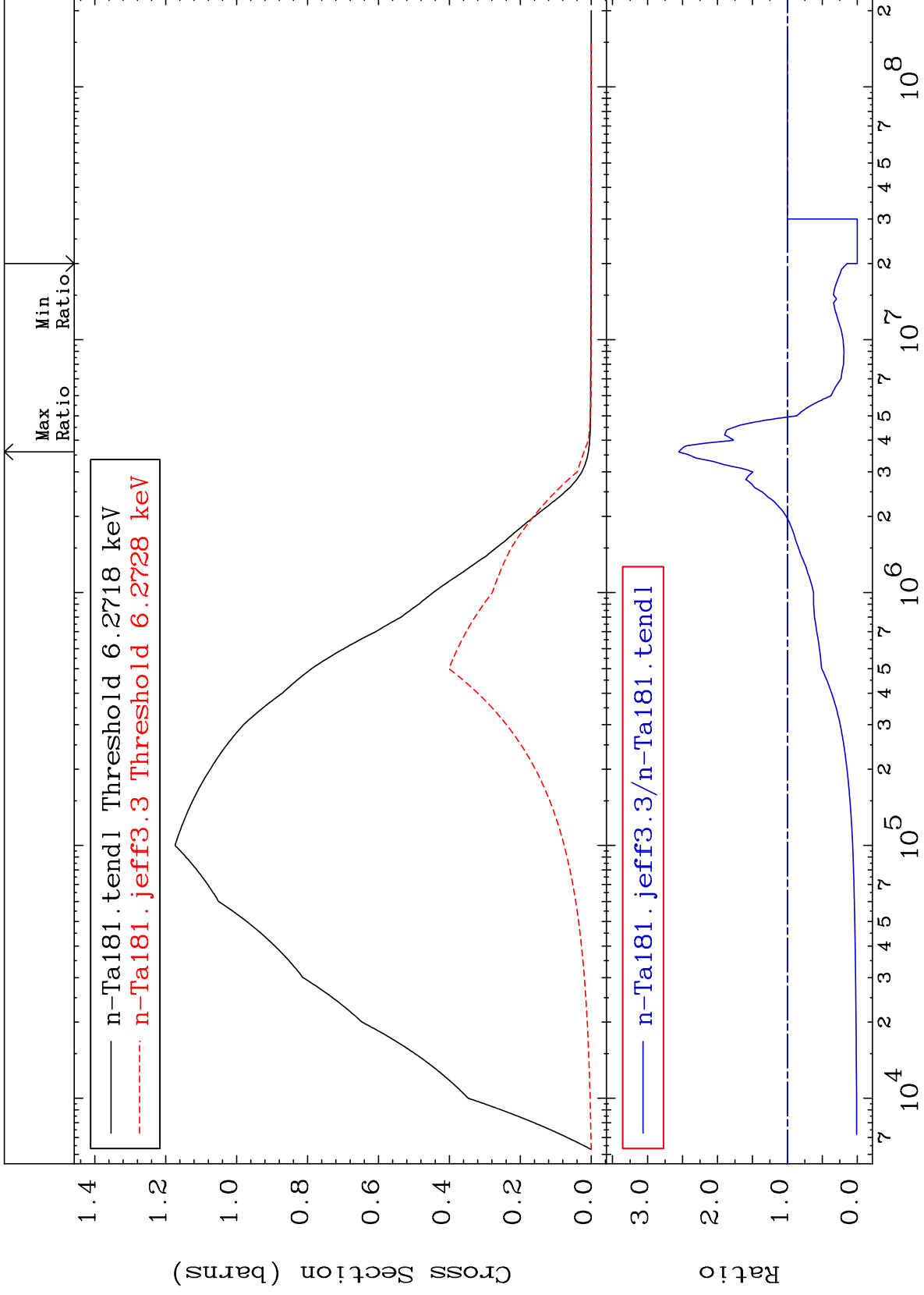
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

73-Ta-181
-100.0 To 155.5 %



11

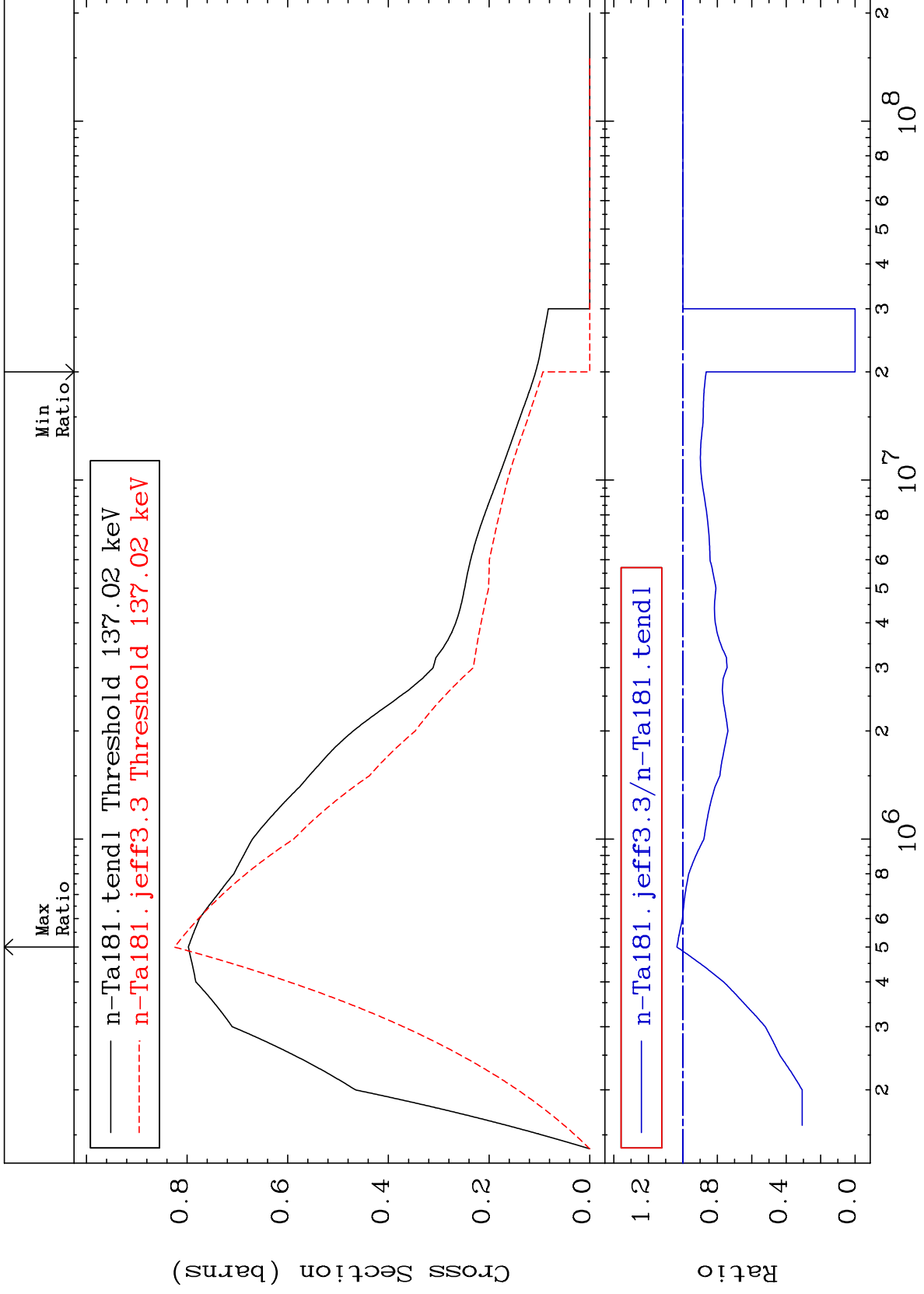
Incident Energy (eV)

73-Ta-181

MAT 7328

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

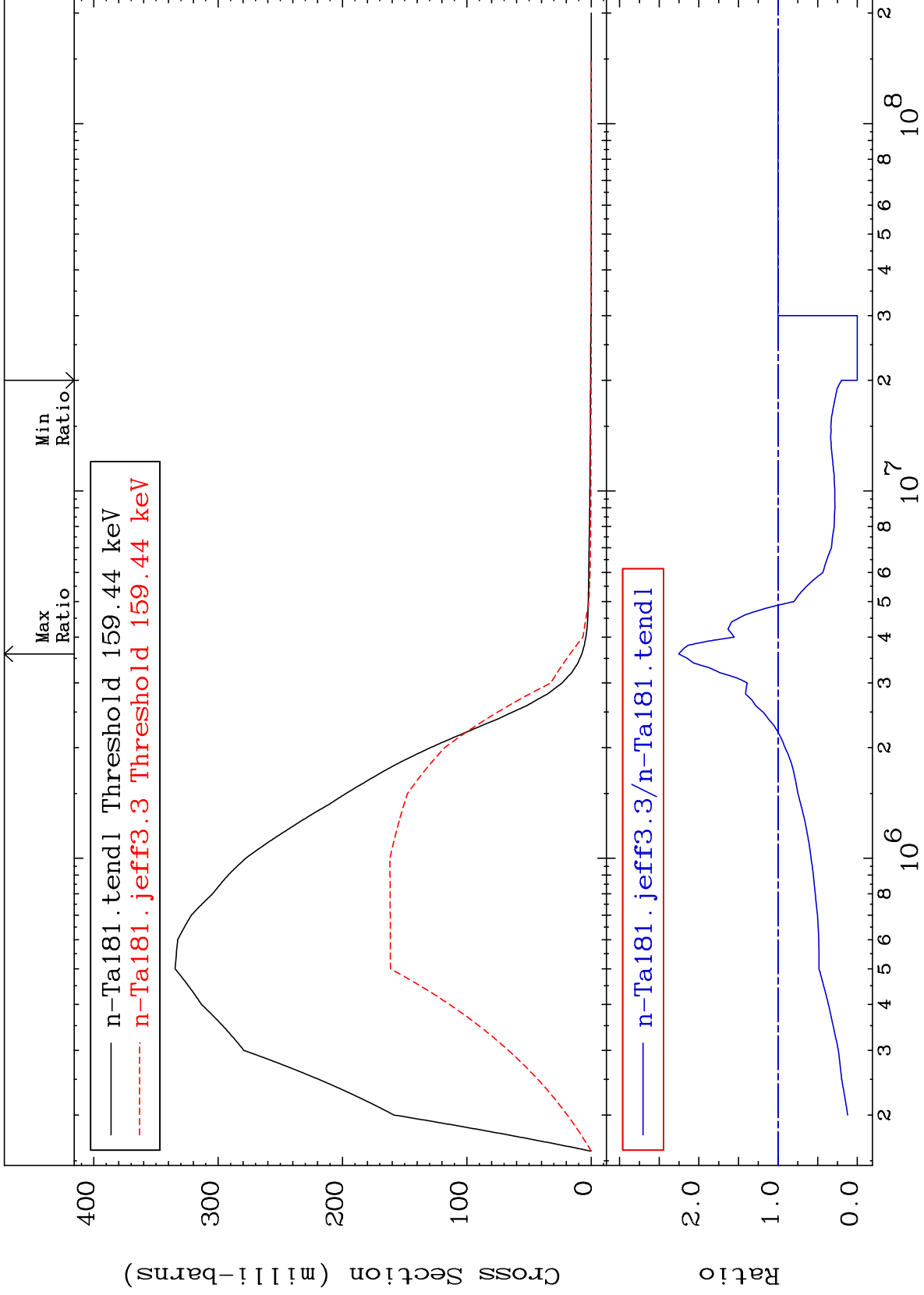
⁷³Ta-¹⁸¹
-100.0 To 3.418 %



MAT 7328

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

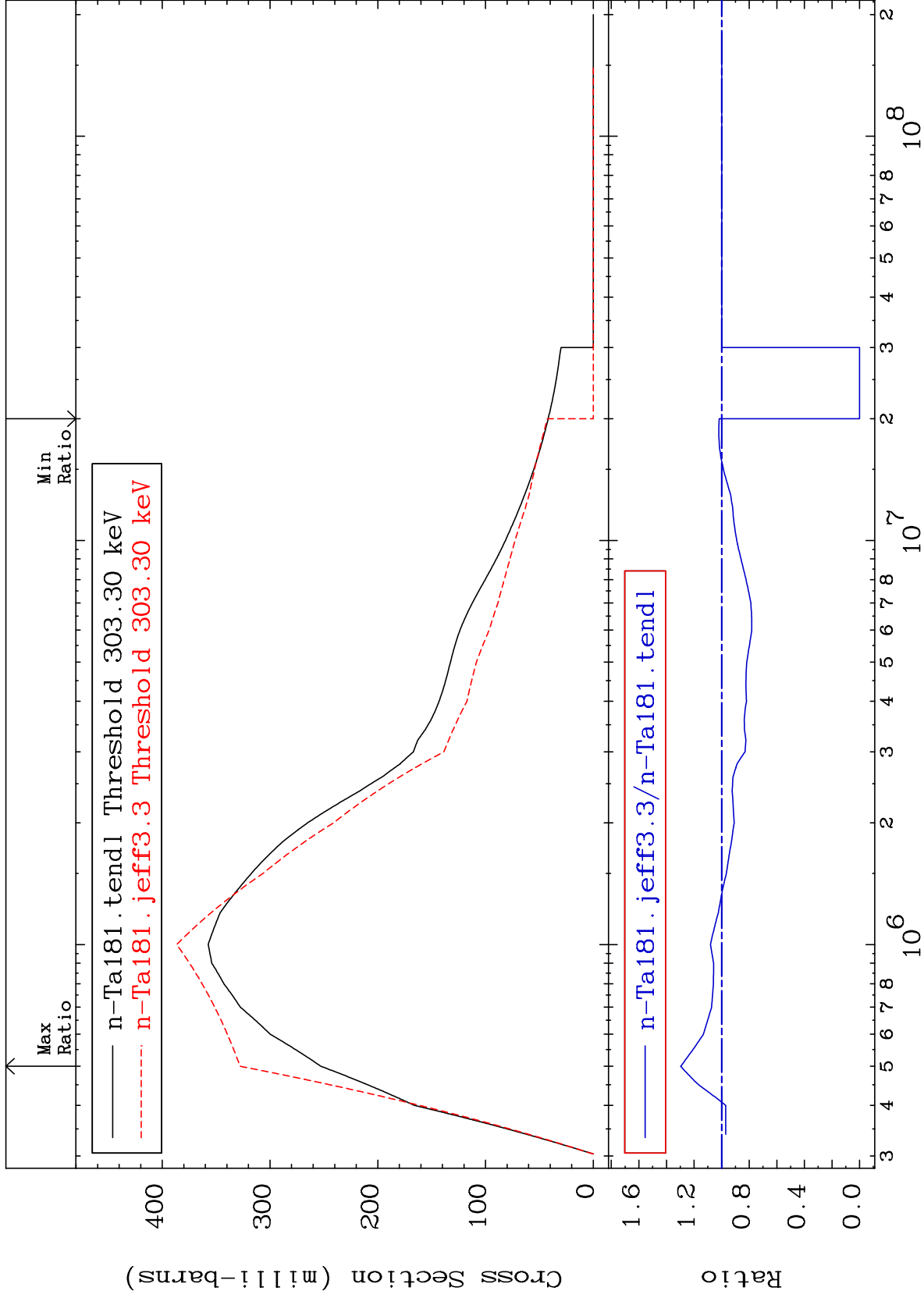
⁷³Ta-¹⁸¹Ta
-100.0 To 125.5 %



MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 29.63 %



14

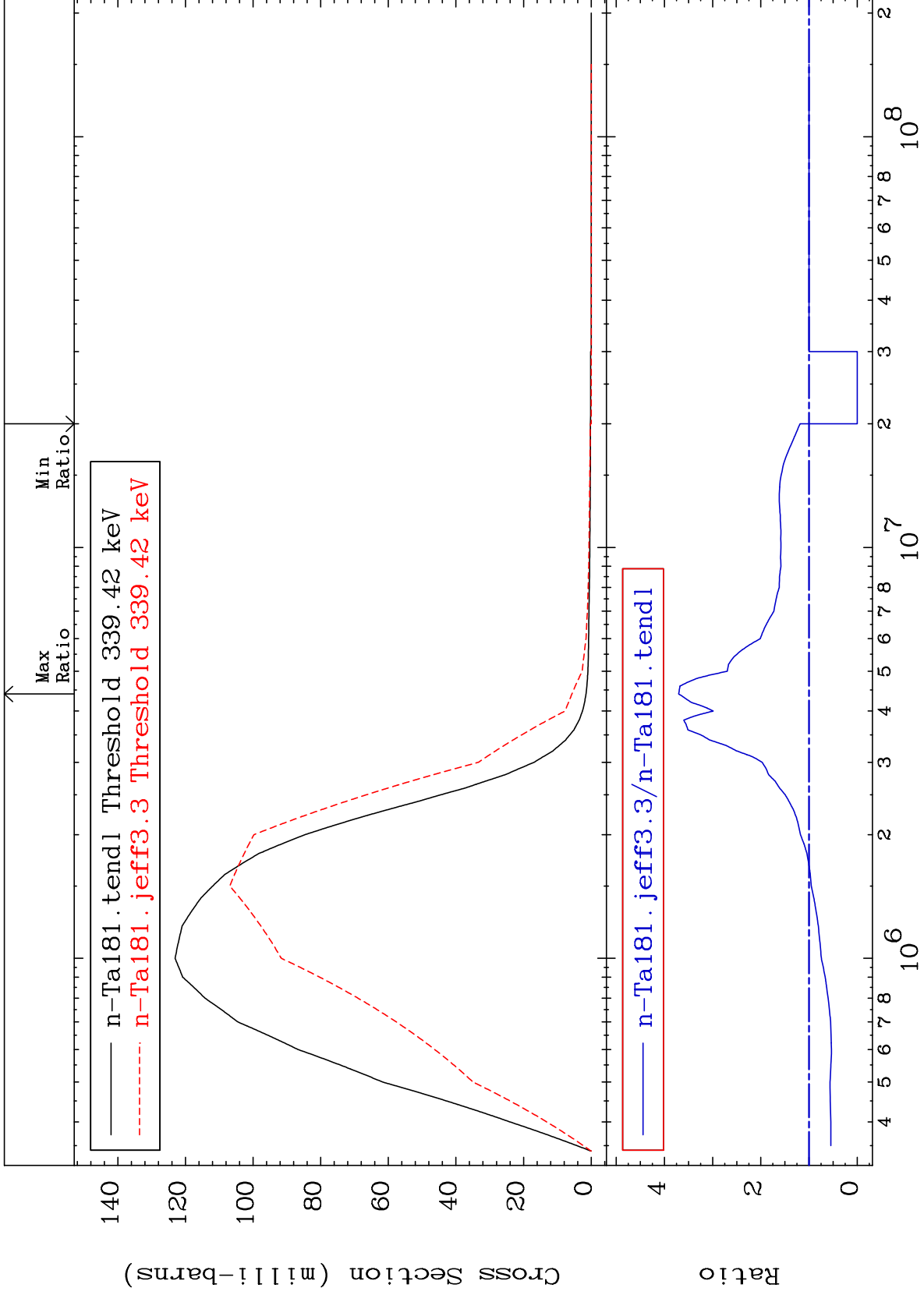
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 270.6 %



15

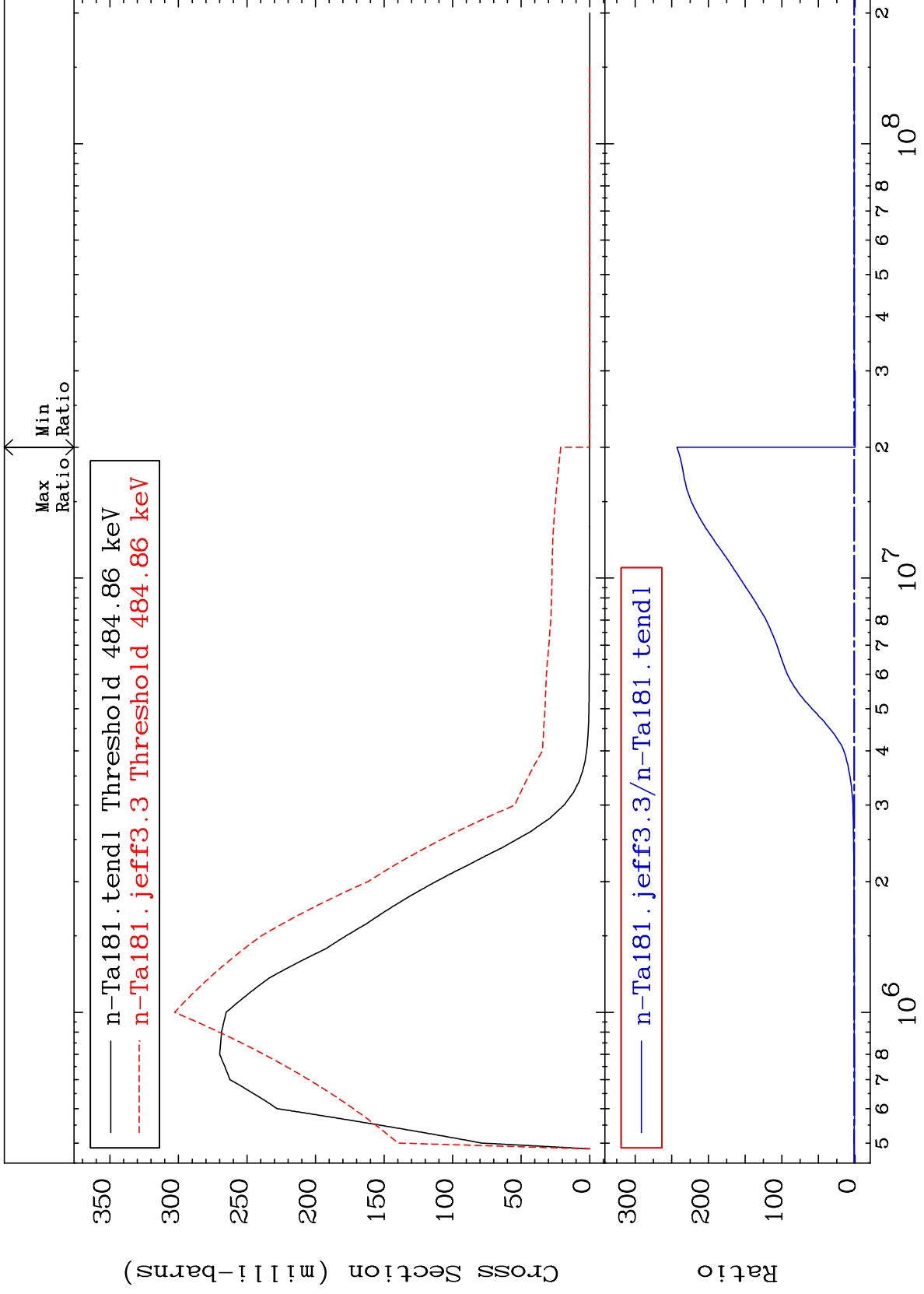
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

⁷³Ta-181
-100.0 To 9999. %



16

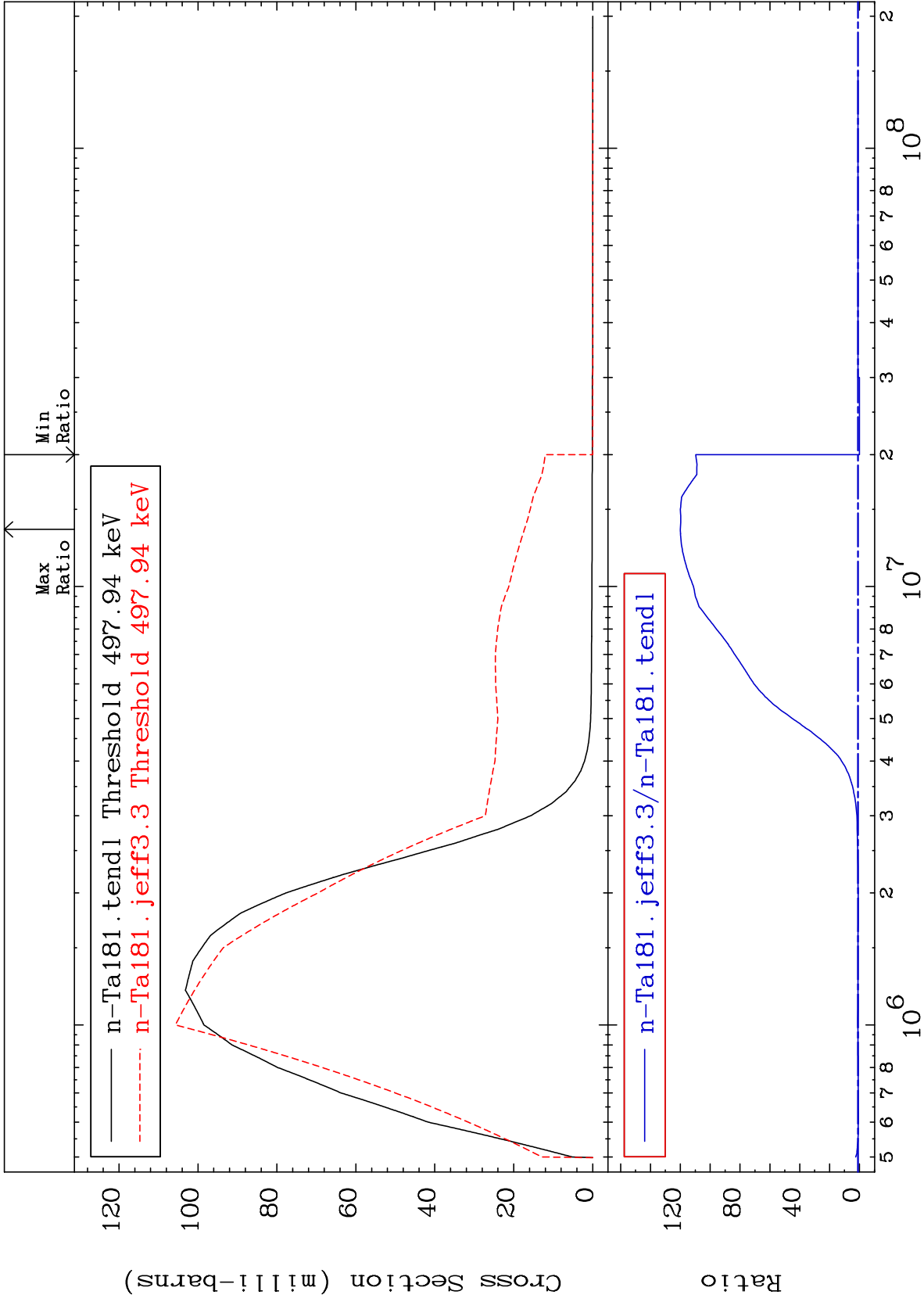
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-100.0 To 9999. %



17

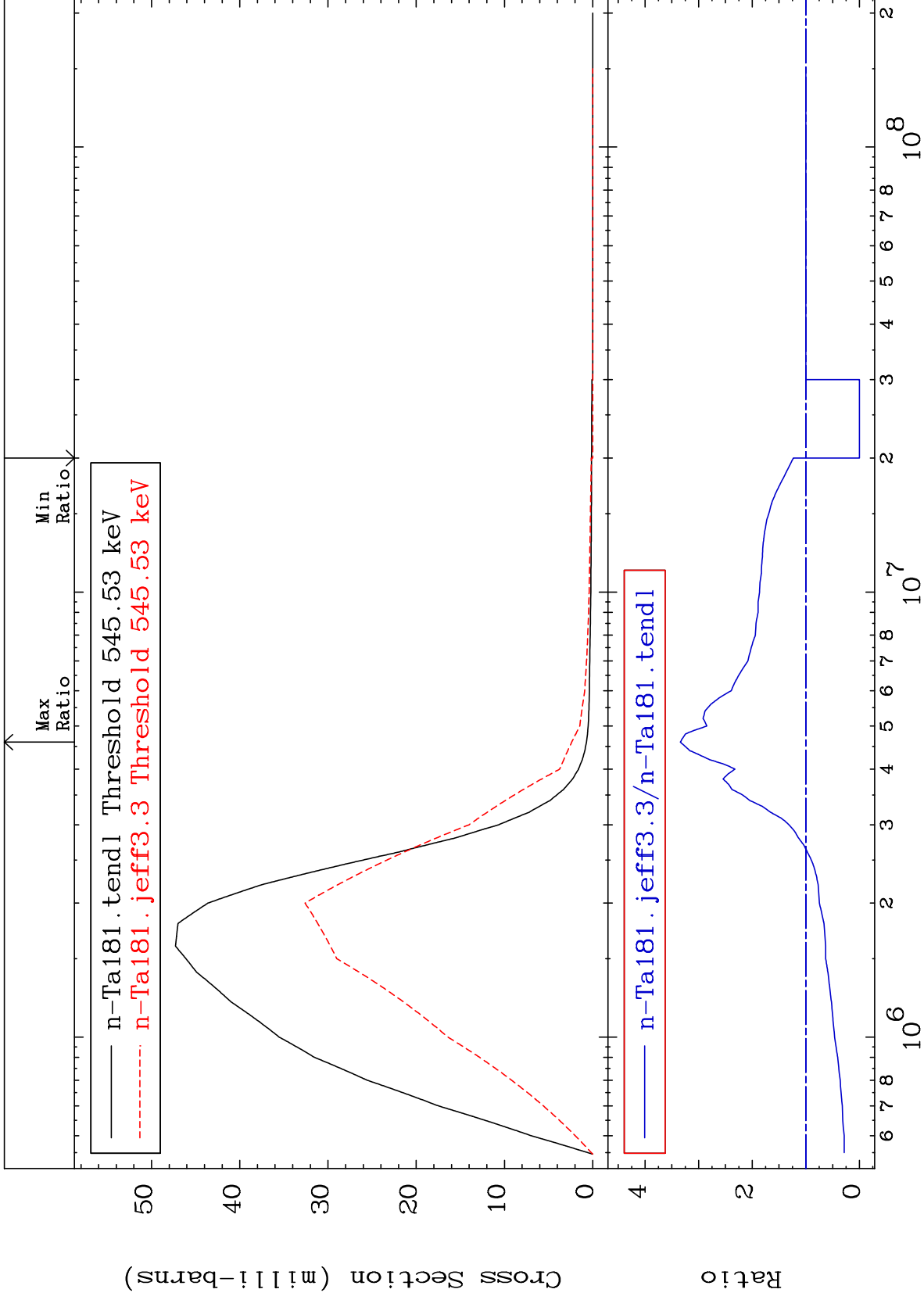
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 234.1 %



18

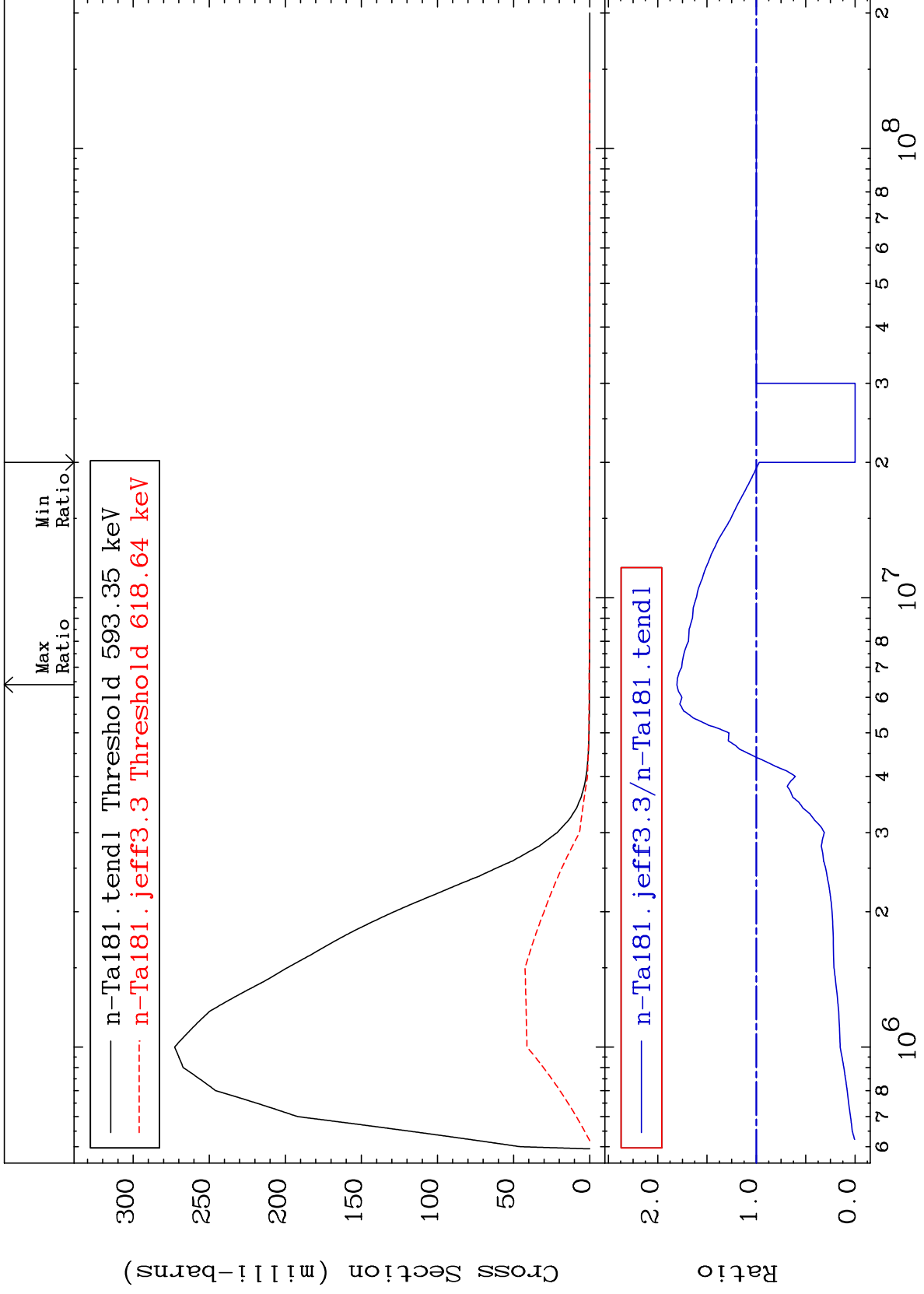
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

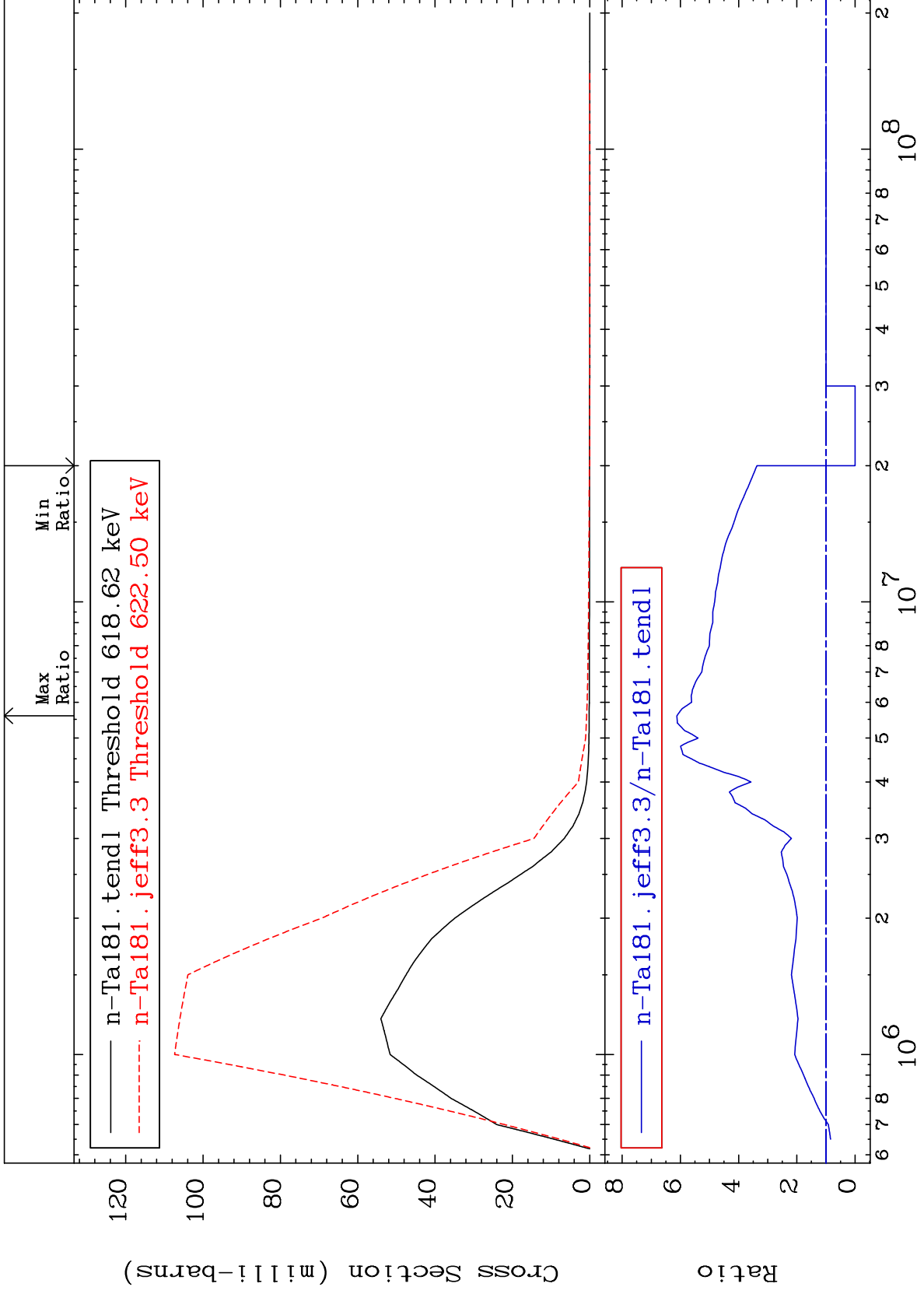
⁷³Ta-181
-100.0 To 80.54 %



MAT 7328

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

⁷³Ta-181
-100.0 To 511.9 %



20

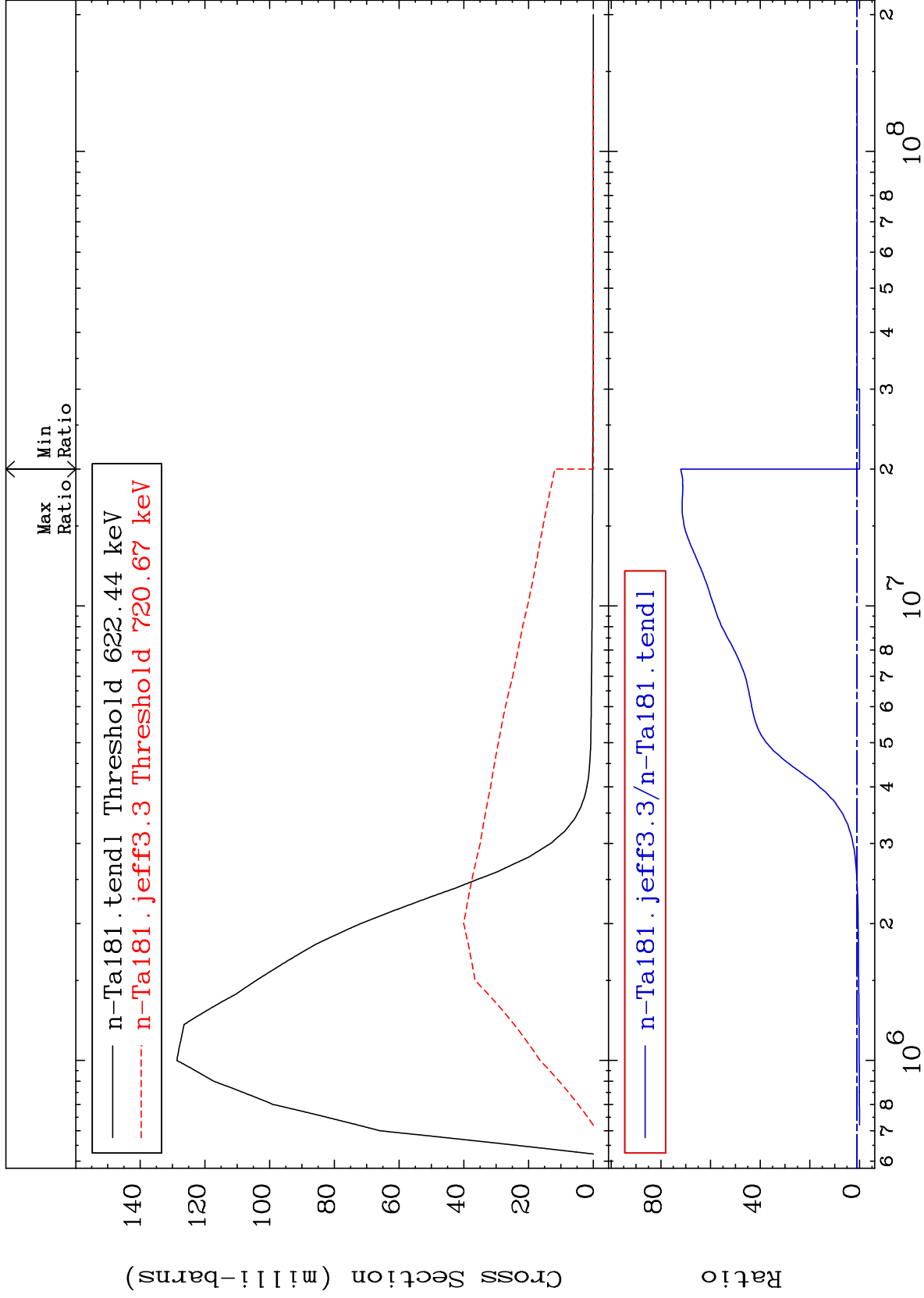
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

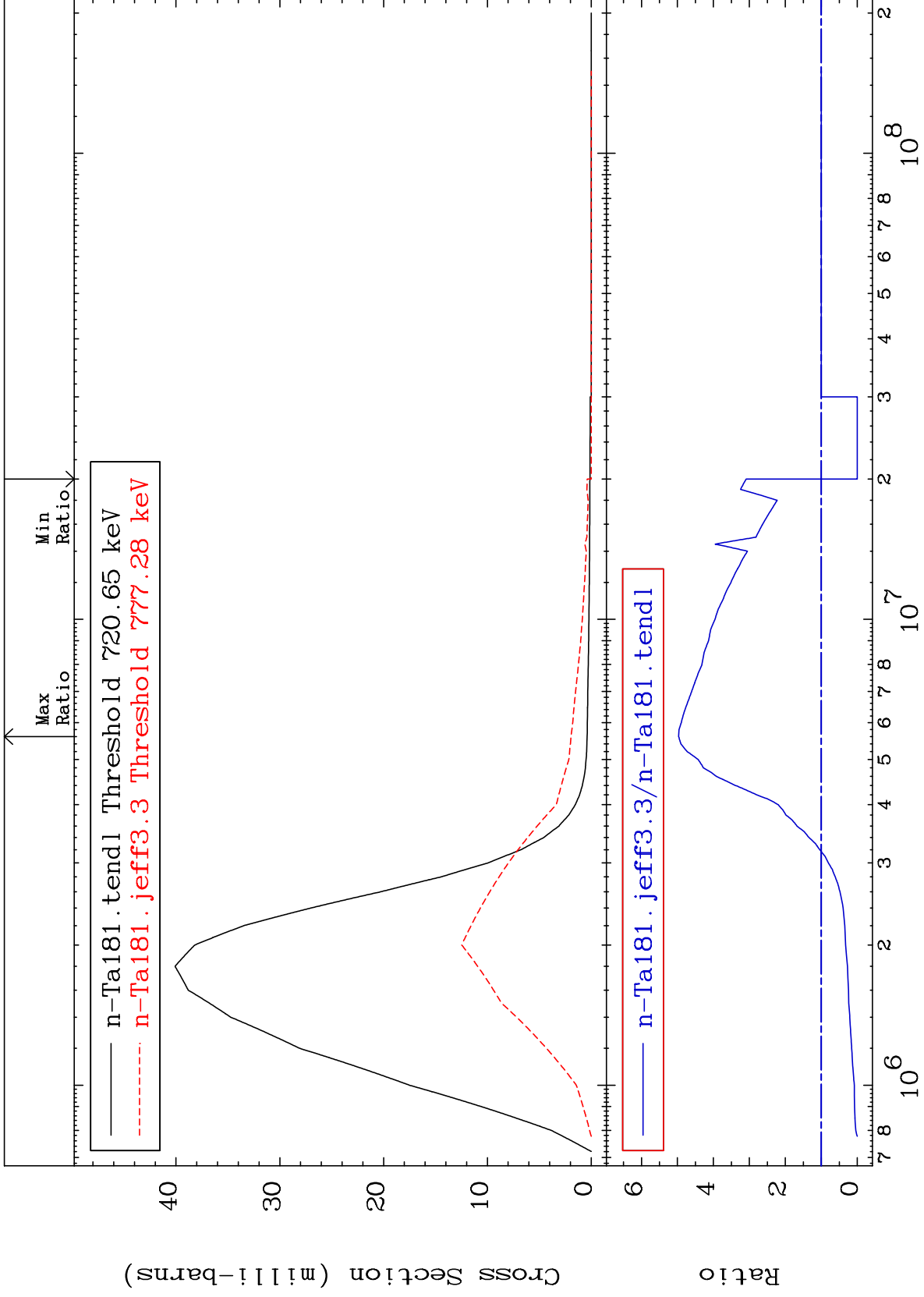
⁷³Ta-181
-100.0 To 7099. %



MAT 7328

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

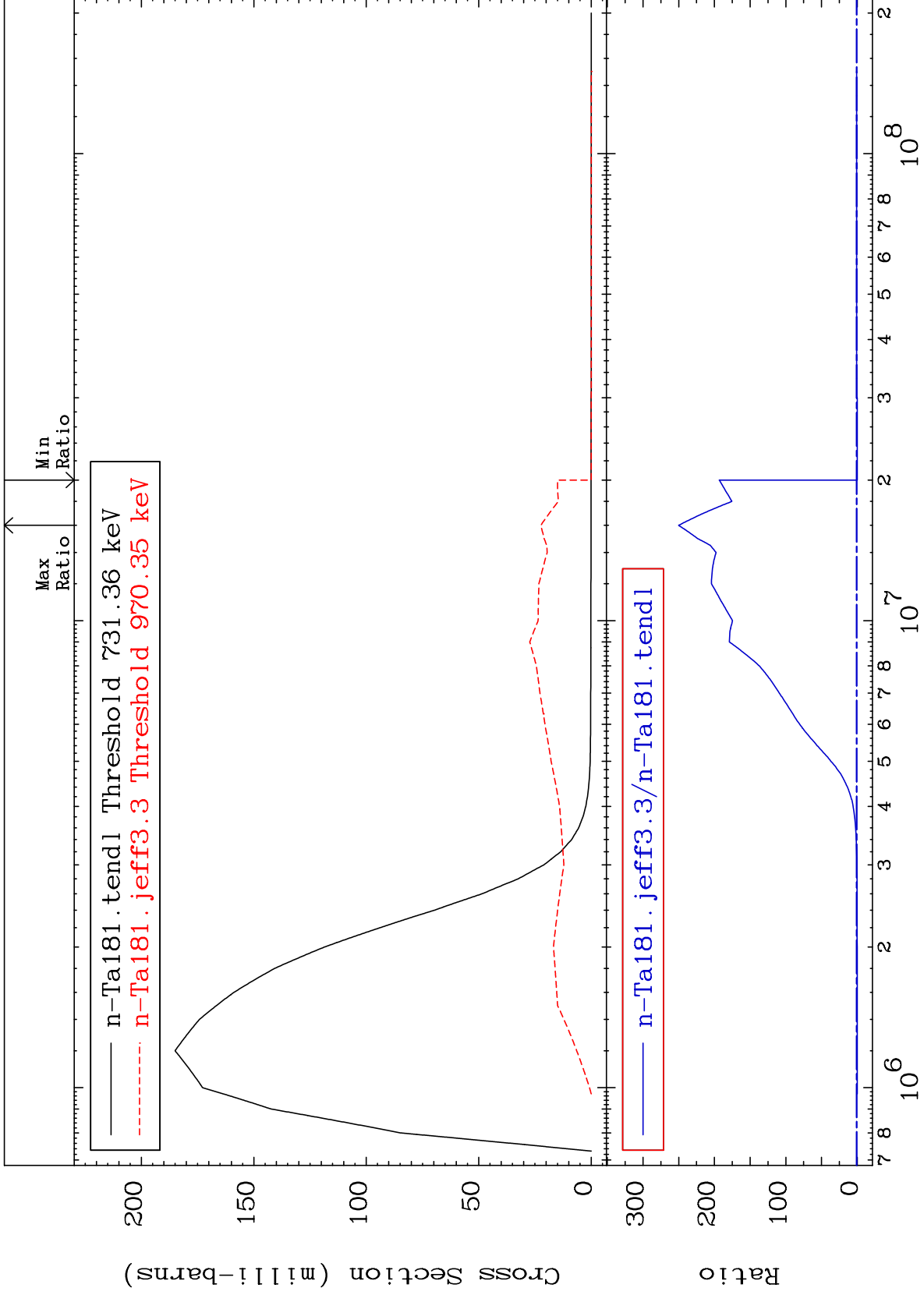
⁷³Ta-¹⁸¹
-100.0 To 396.7 %



MAT 7328

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

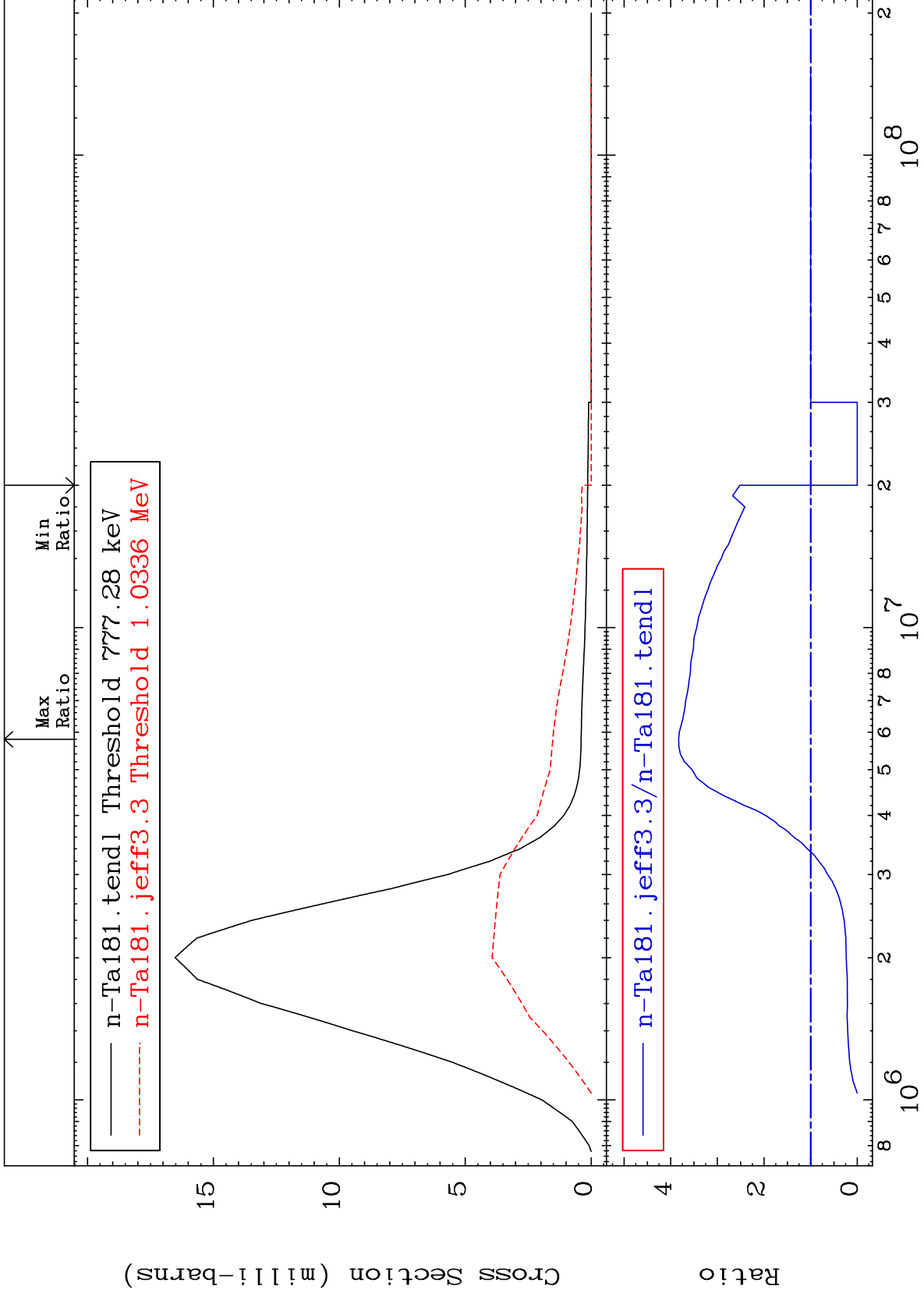
⁷³Ta-¹⁸¹
-100.0 To 9999. %



MAT 7328

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

⁷³Ta-¹⁸¹Ta
-100.0 To 283.0 %



24

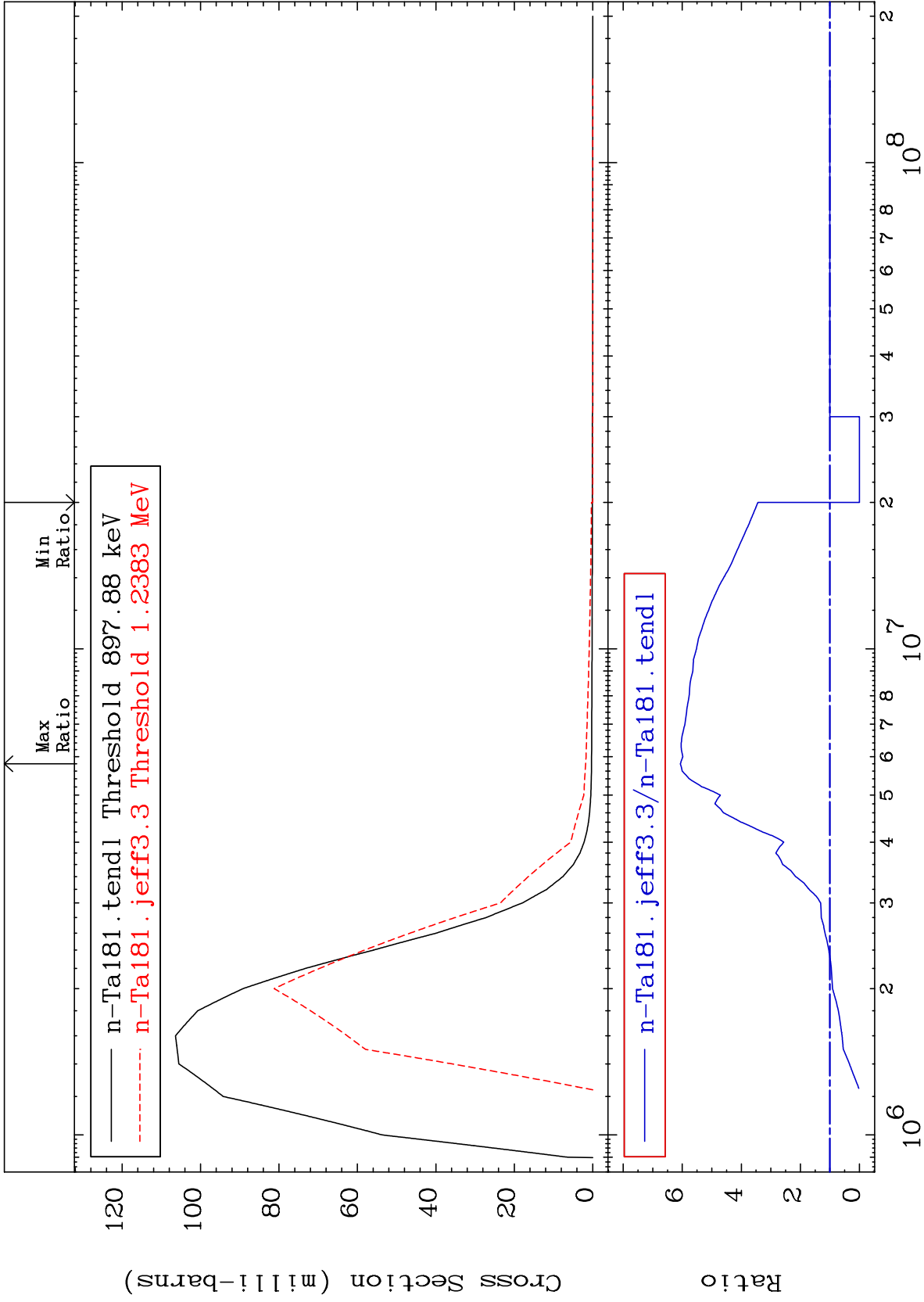
Incident Energy (eV)

⁷³Ta-¹⁸¹Ta

MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 506.5 %



25

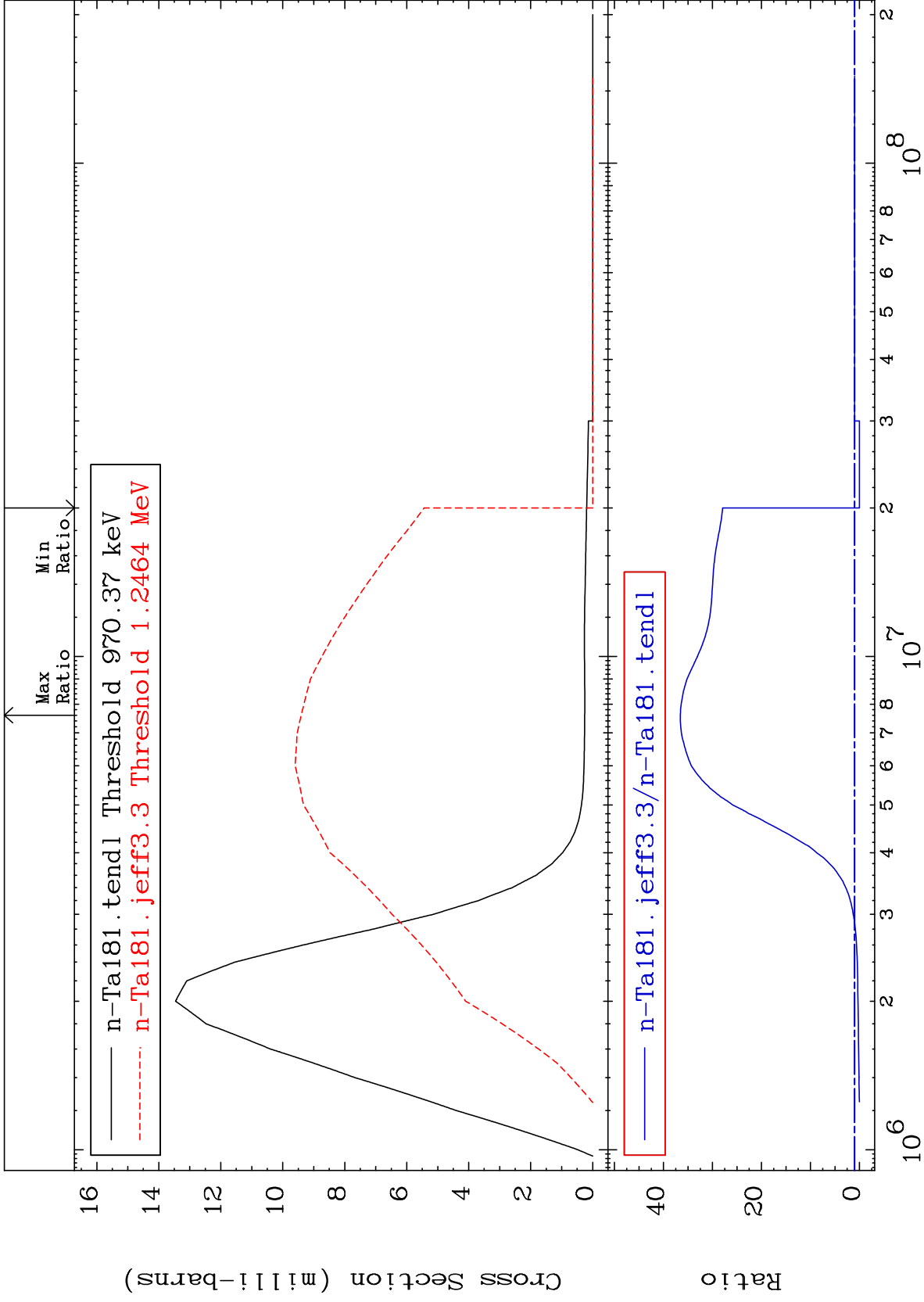
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

⁷³Ta-181
-100.0 To 3556. %



26

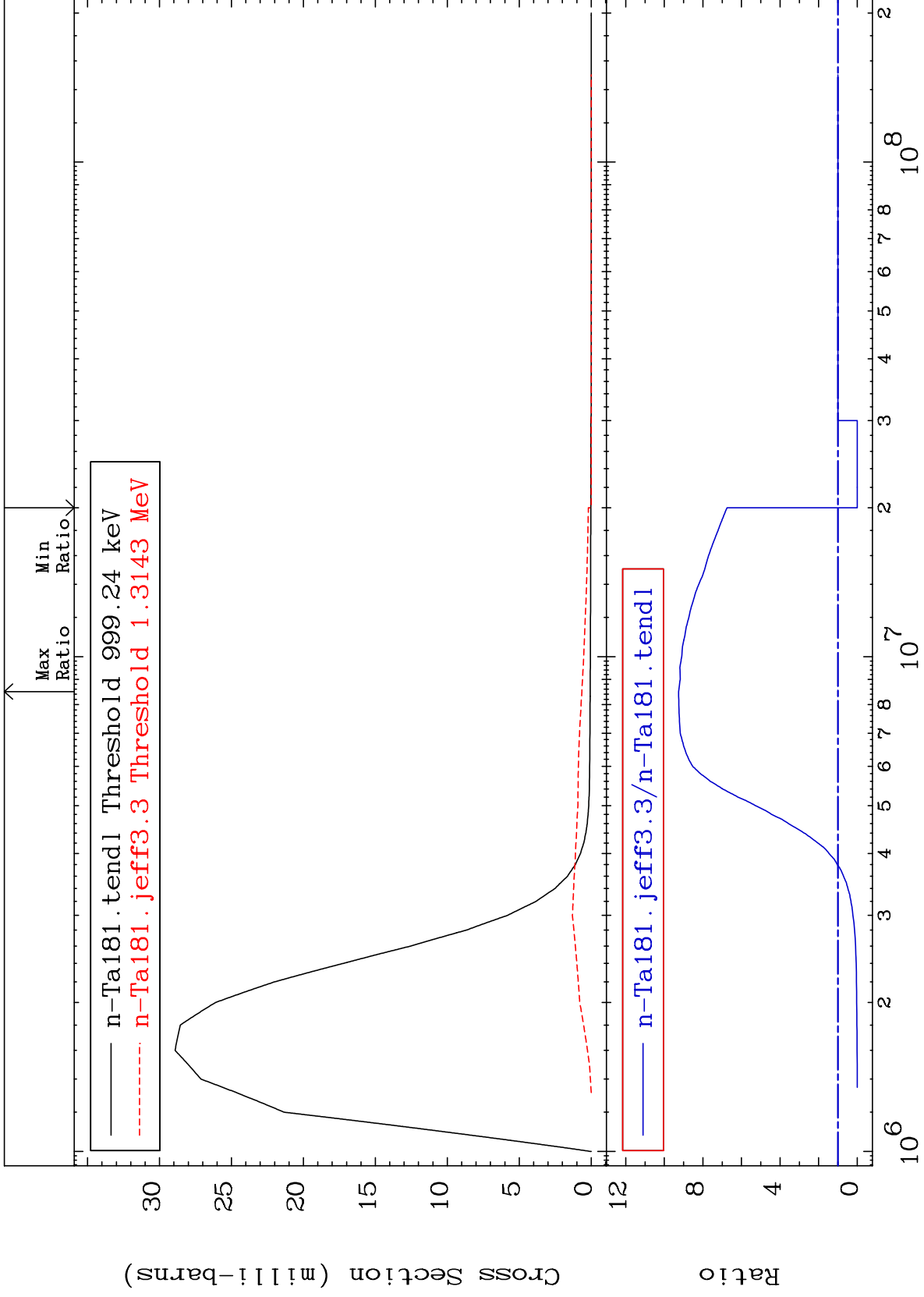
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 825.7 %



27

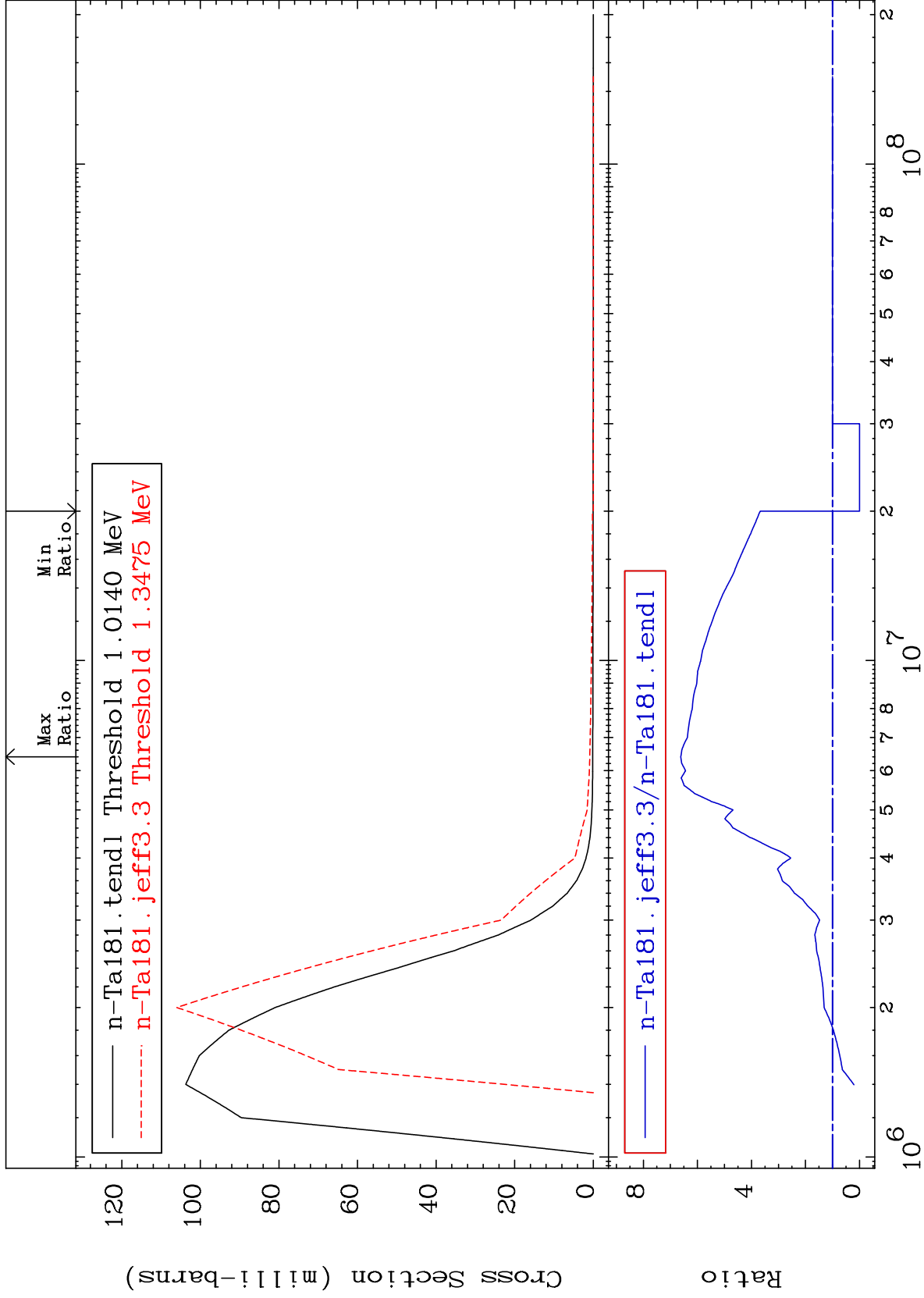
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

⁷³Ta-¹⁸¹
-100.0 To 561.6 %



28

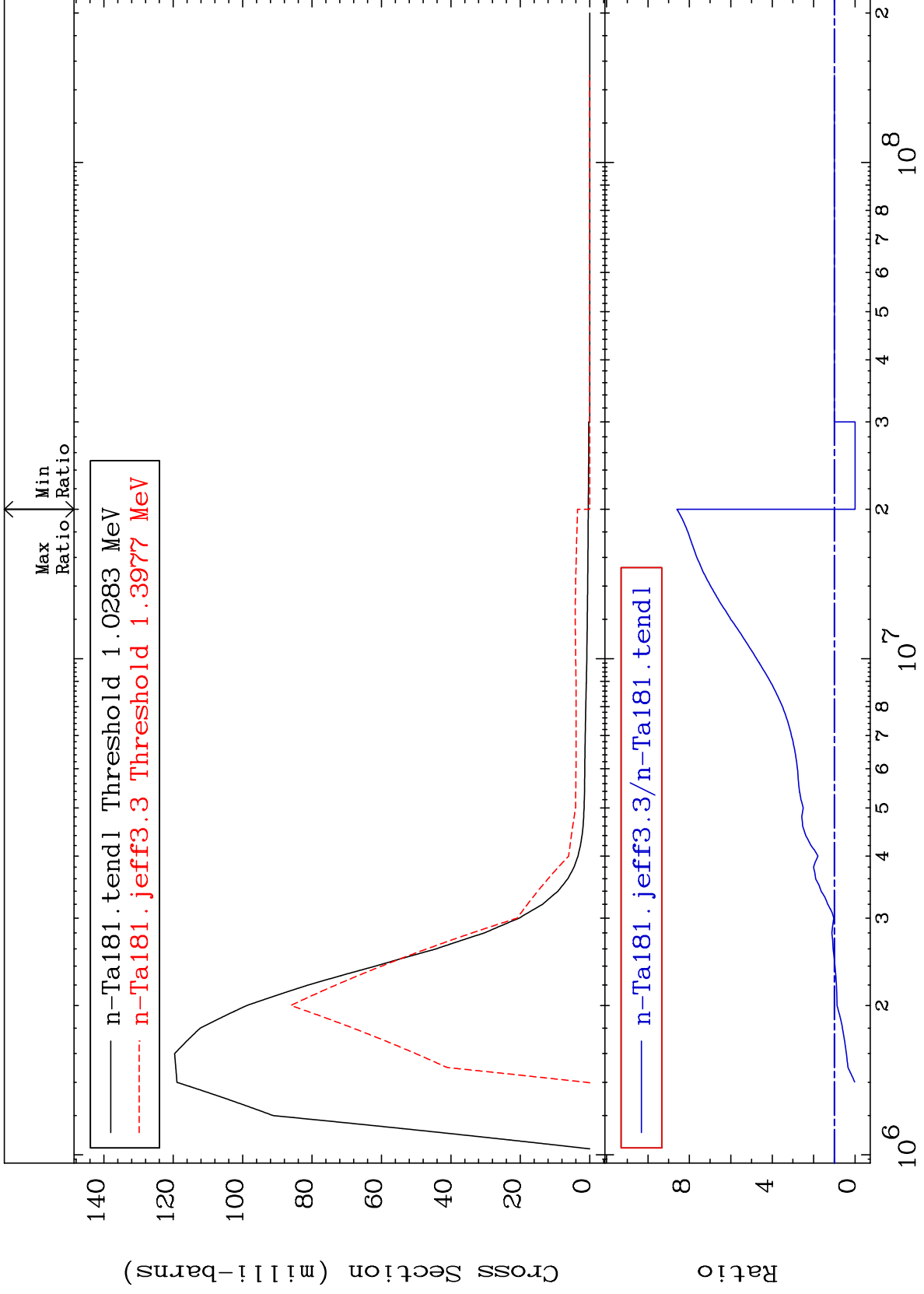
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

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

⁷³Ta-181
-100.0 To 760.2 %



29

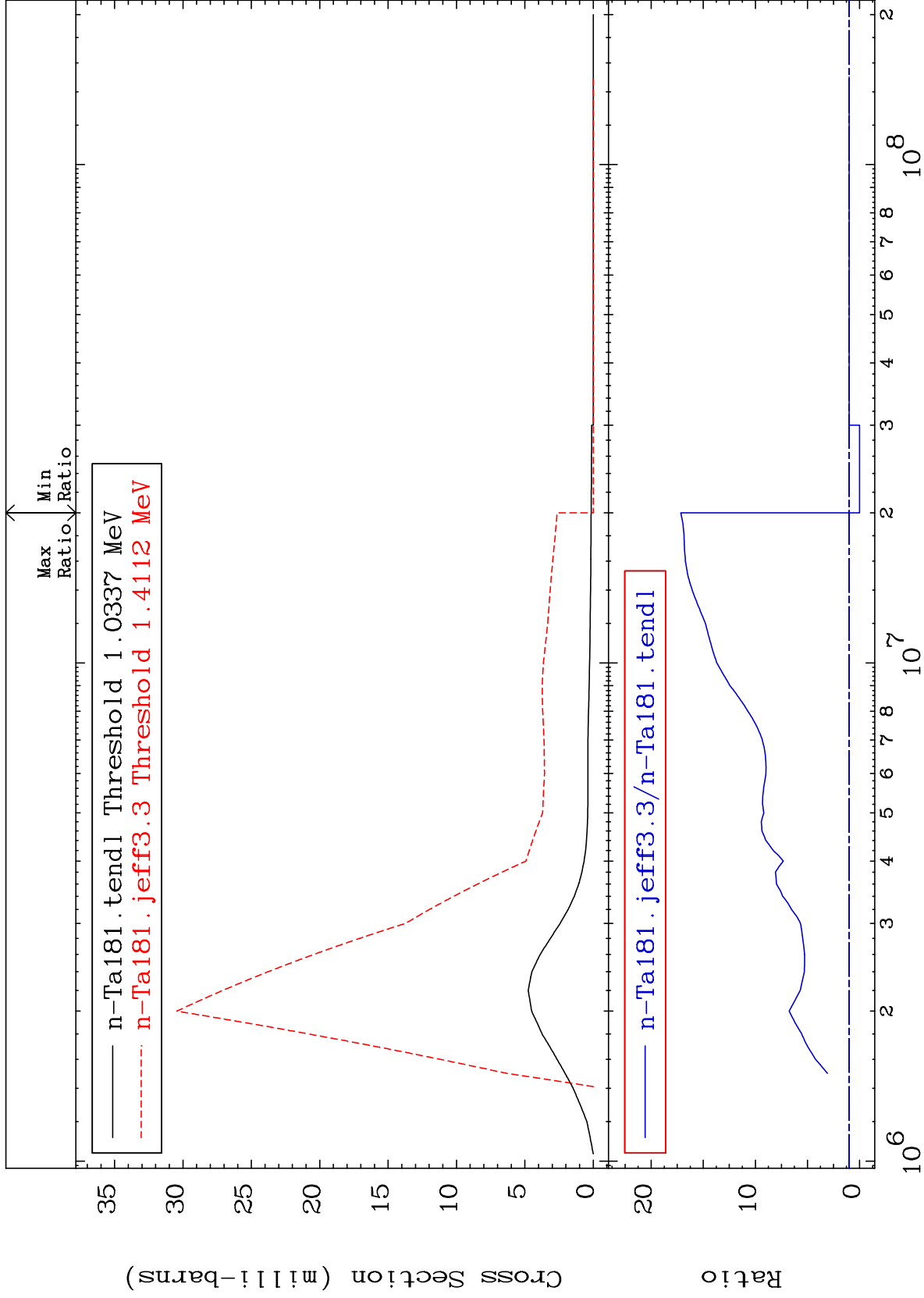
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-100.0 To 1616. %



30

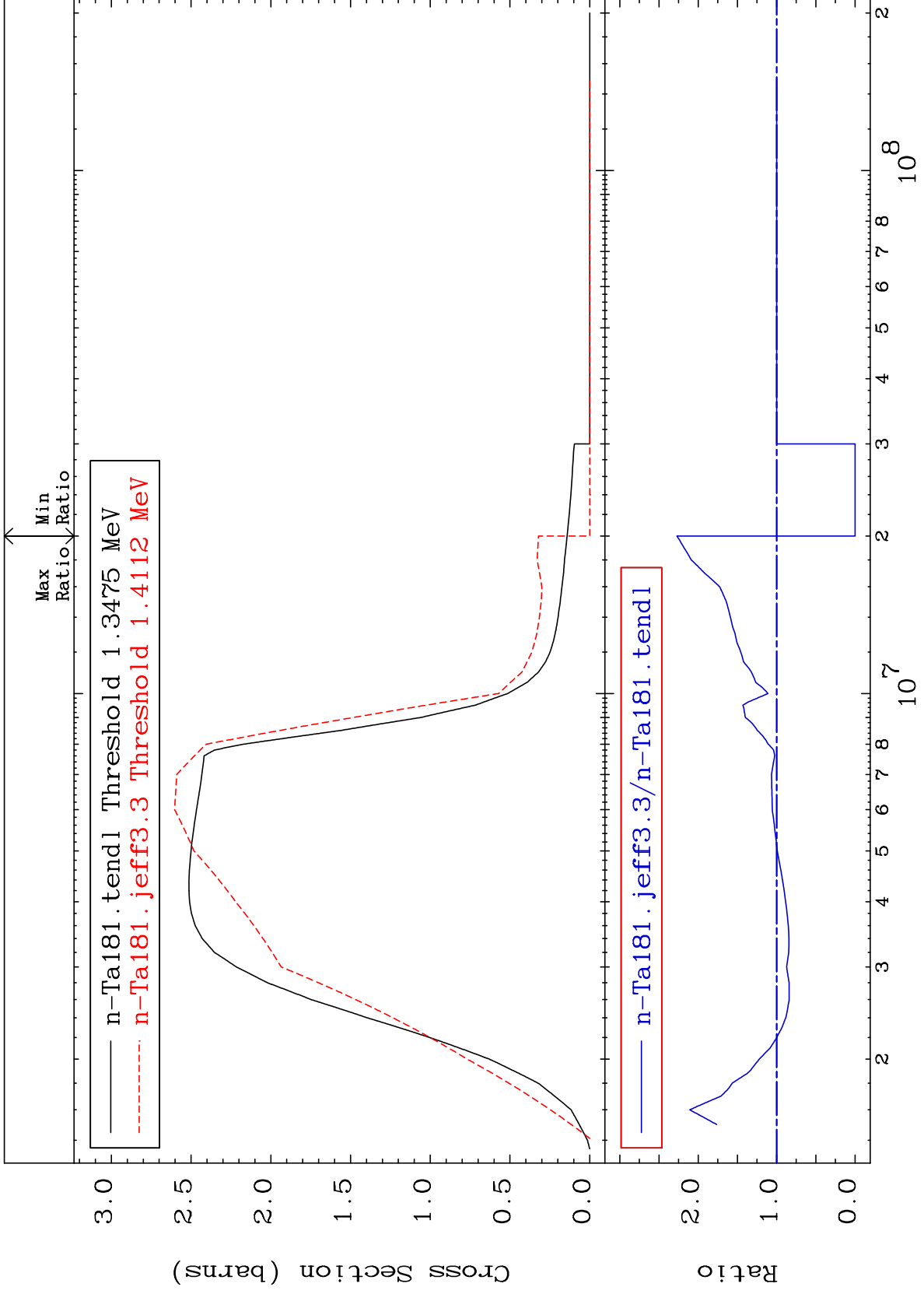
Incident Energy (eV)

⁷³Ta-181

MAT 7328

(n, n') Continuum
Cross Section

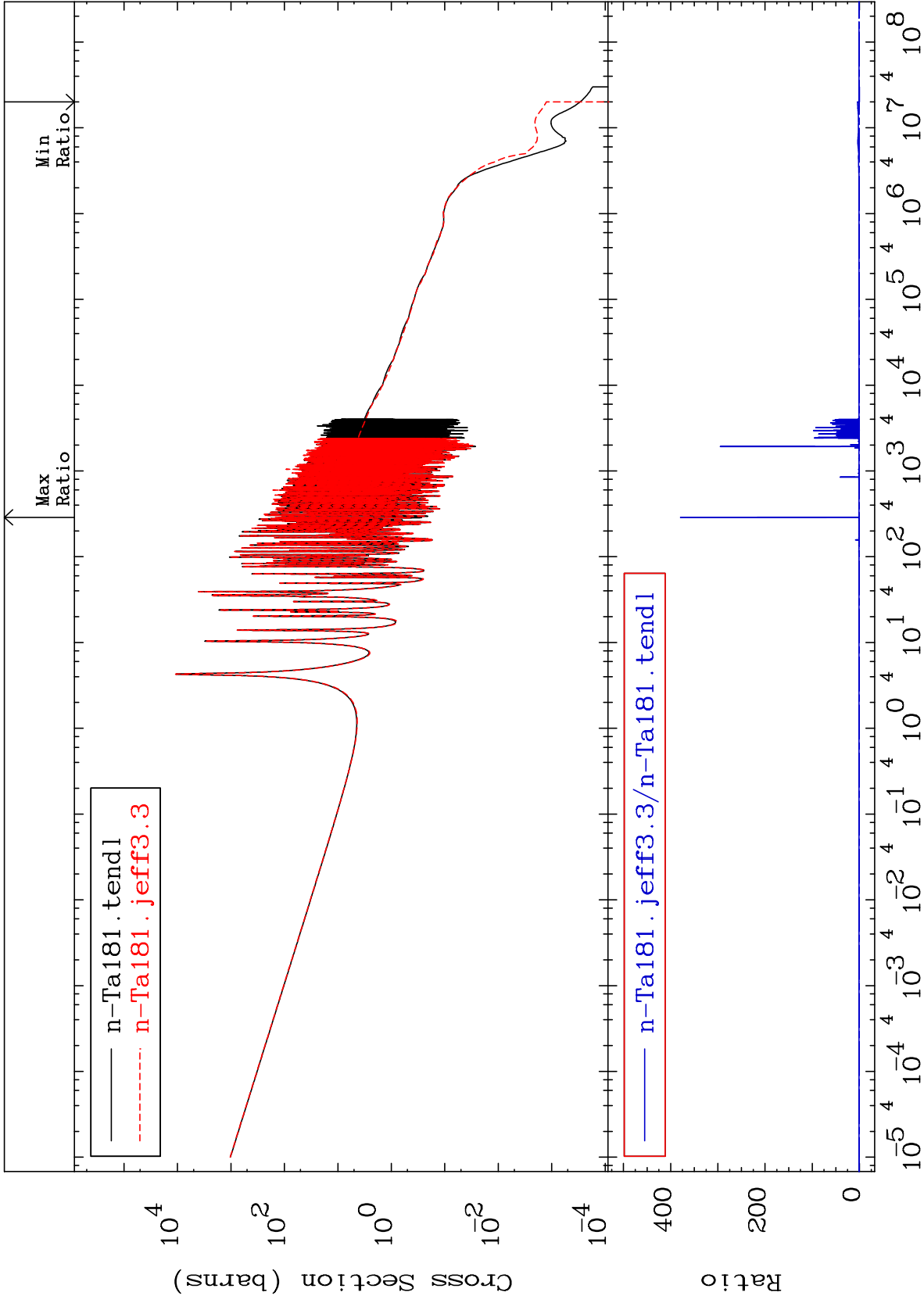
⁷³Ta-¹⁸¹
-100.0 To 127.1 %



MAT 7328

(n, γ)
Cross Section

73-Ta-181
-100.0 To 9999. %



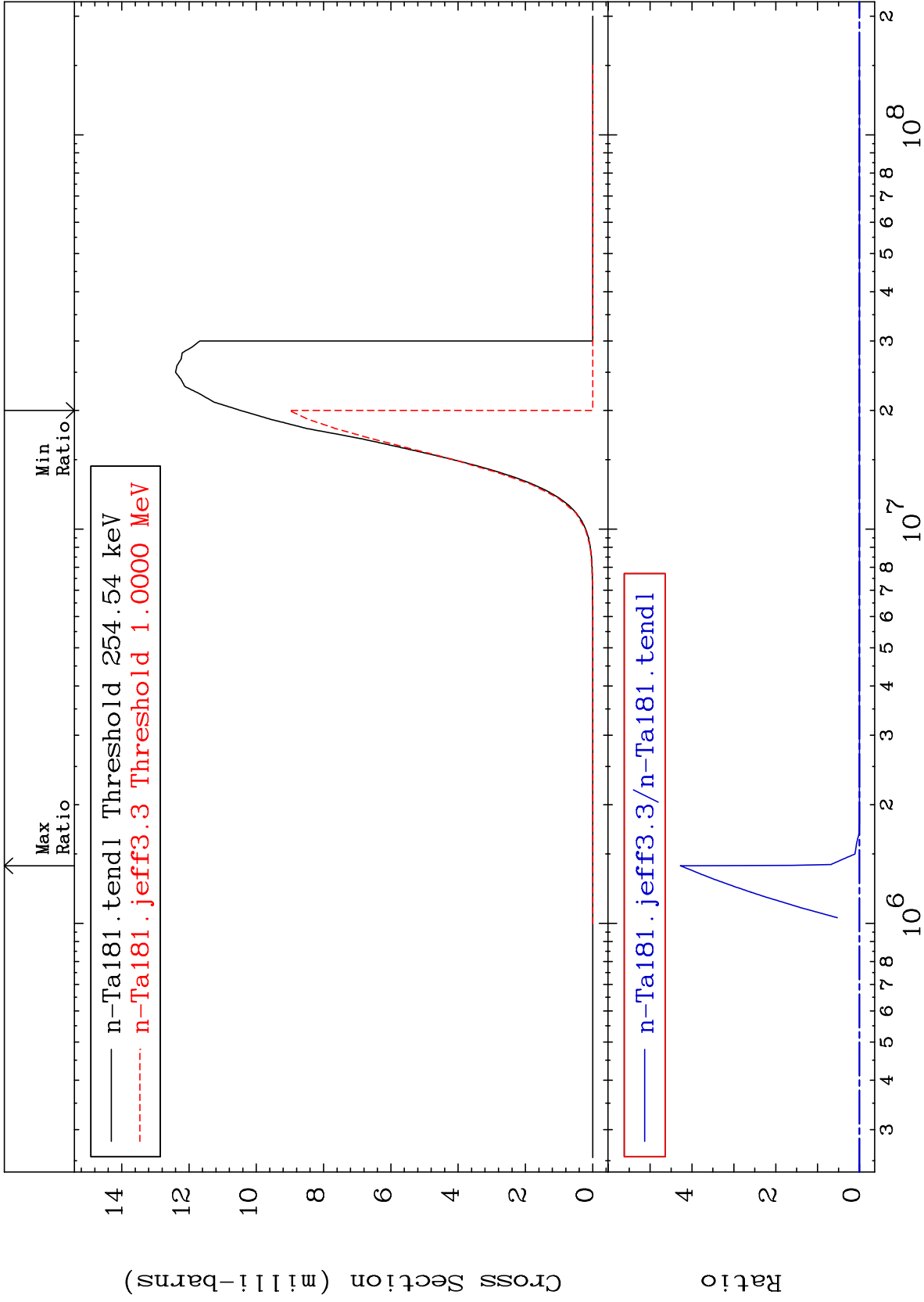
MAT 7328

(n,p)

⁷³Ta-181

Cross Section

-100.0 To 9999. %



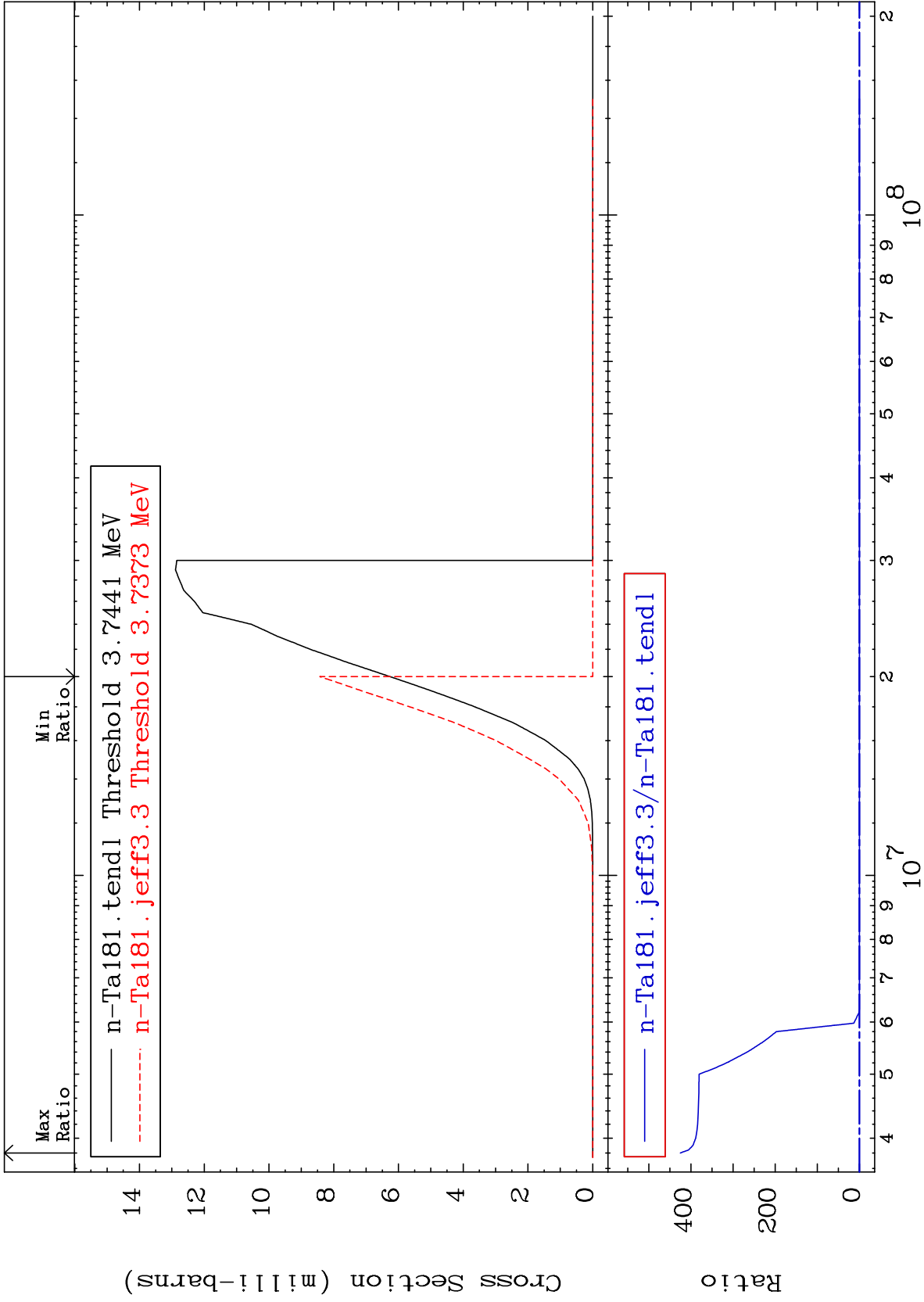
MAT 7328

(n, d)

⁷³Ta-181

Cross Section

-100.0 To 9999. %

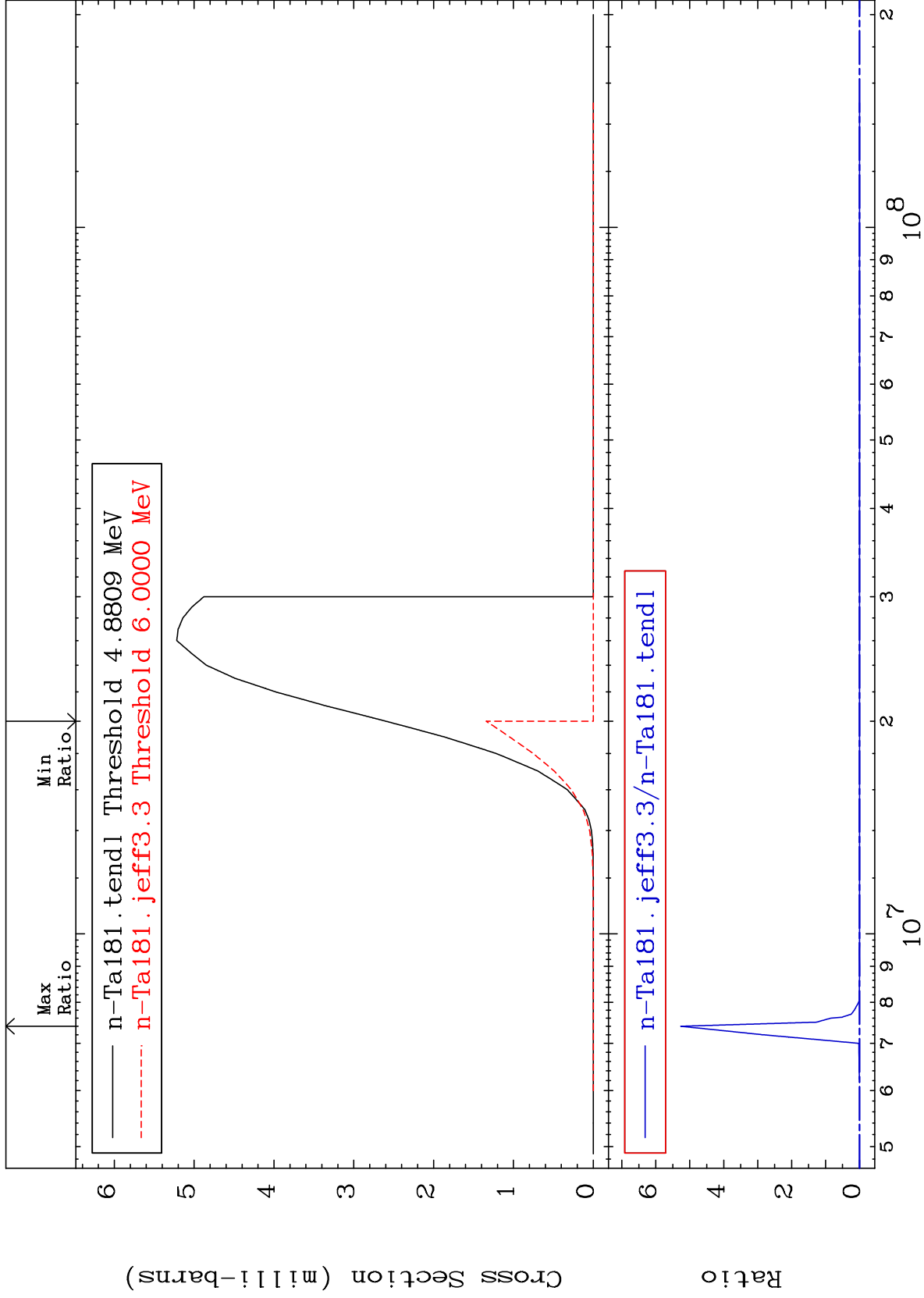


MAT 7328

⁷³Ta-181

-100.0 To 9999. %

(n, t)
Cross Section



35

Incident Energy (eV)

⁷³Ta-181

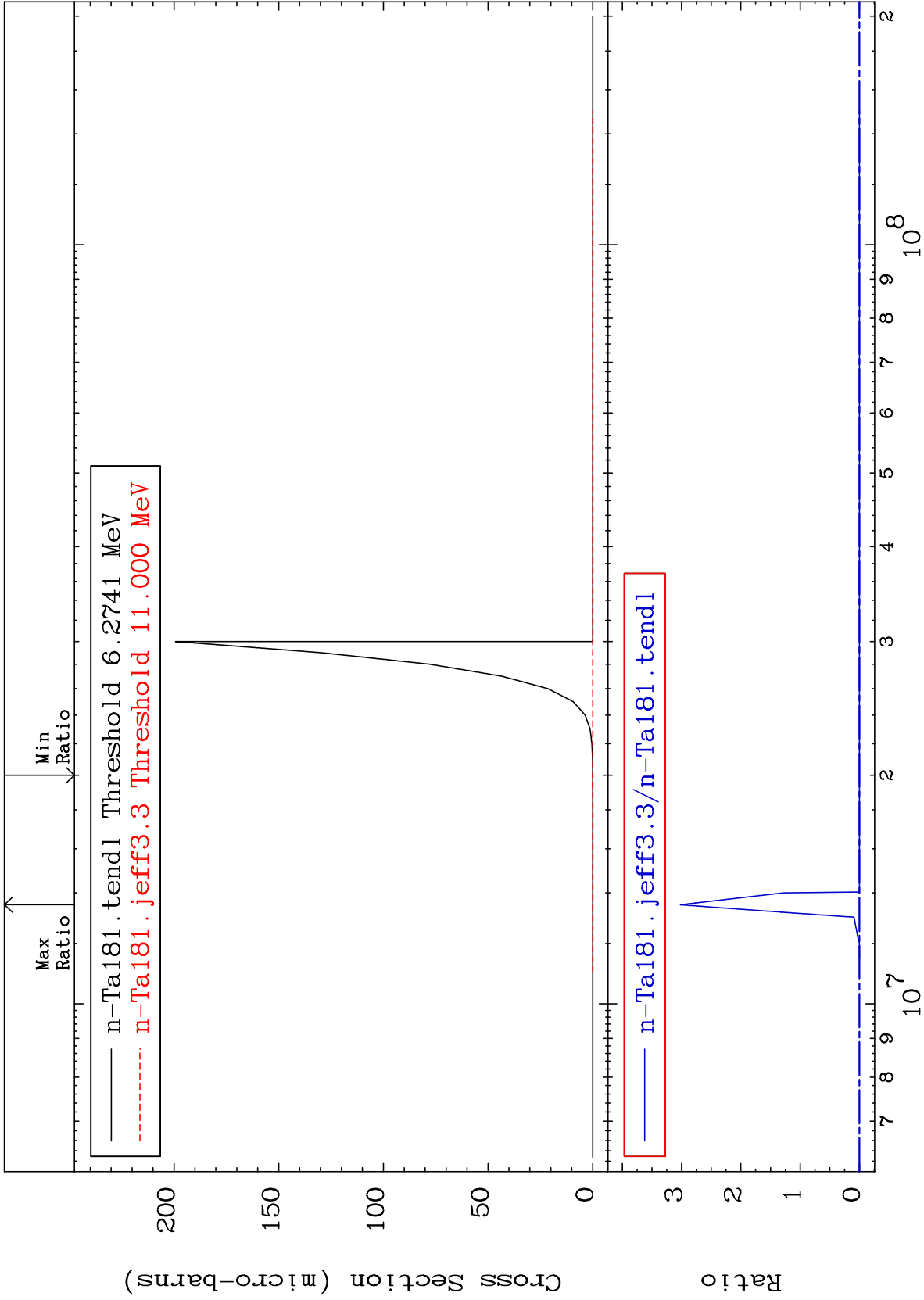
MAT 7328

(n, He-3)

⁷³Ta-181

Cross Section

-100.0 To 9999. %



36

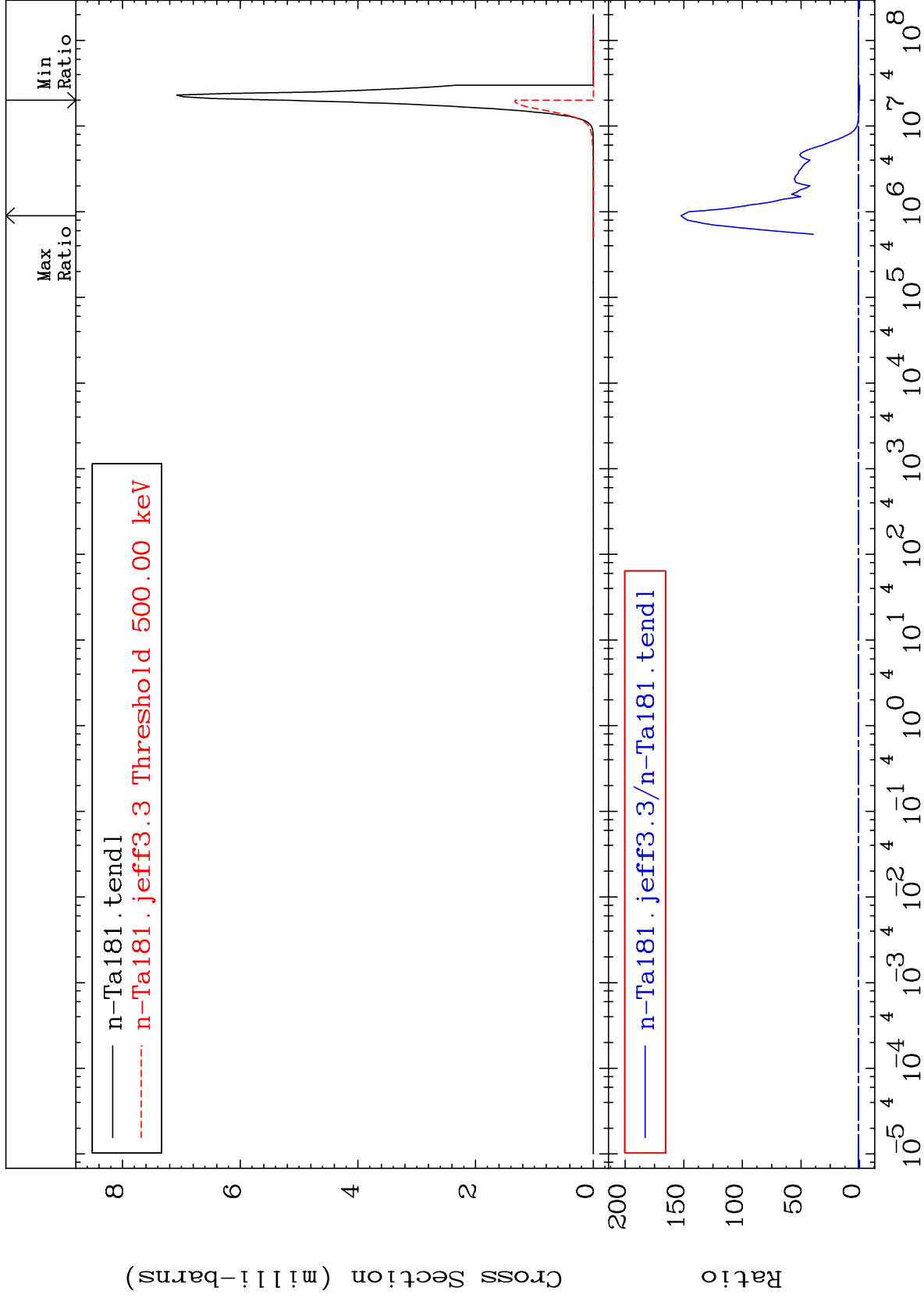
MAT 7328

(n, α)

⁷³Ta-181

Cross Section

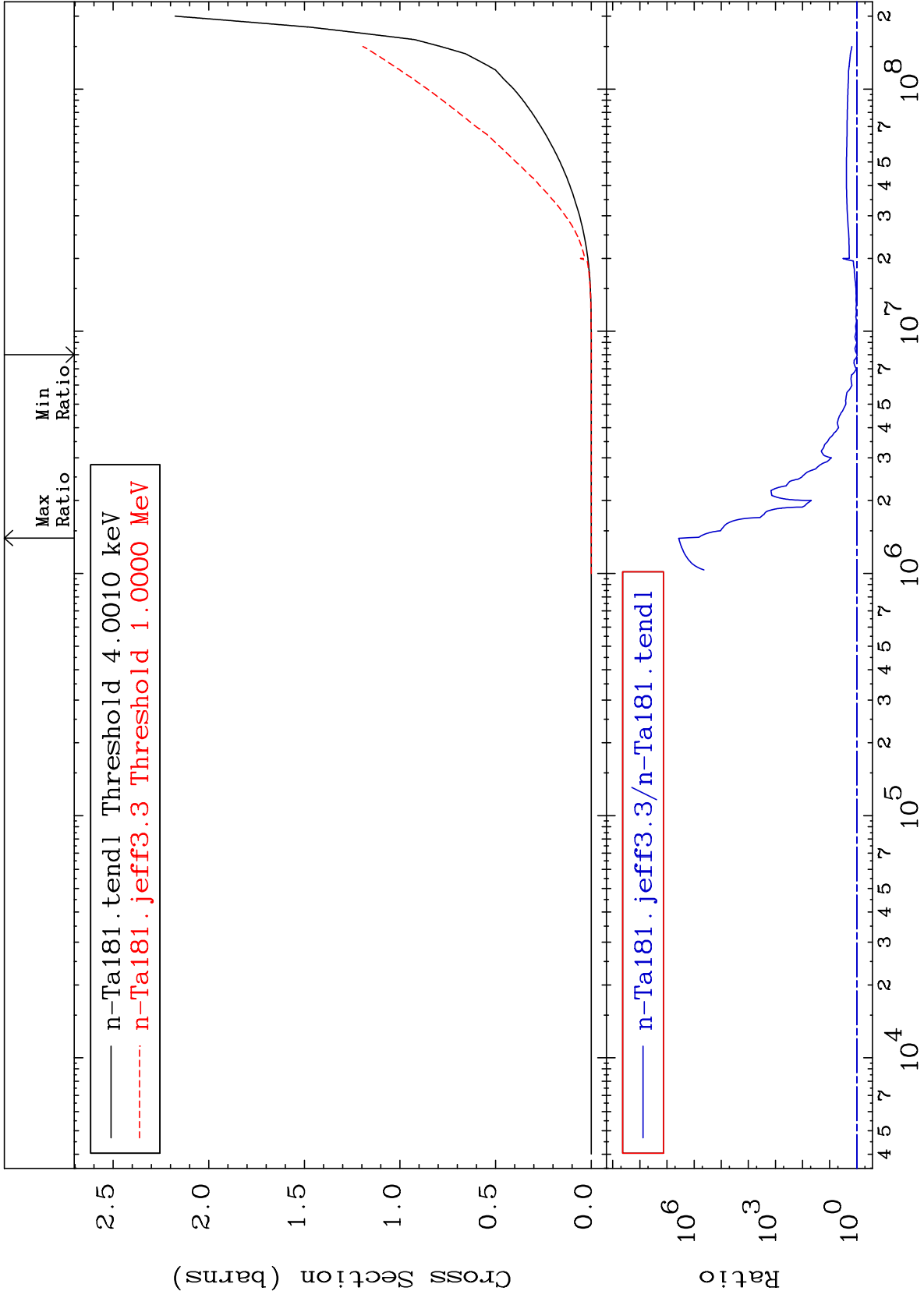
-100.0 To 9999. %



37

Incident Energy (eV)

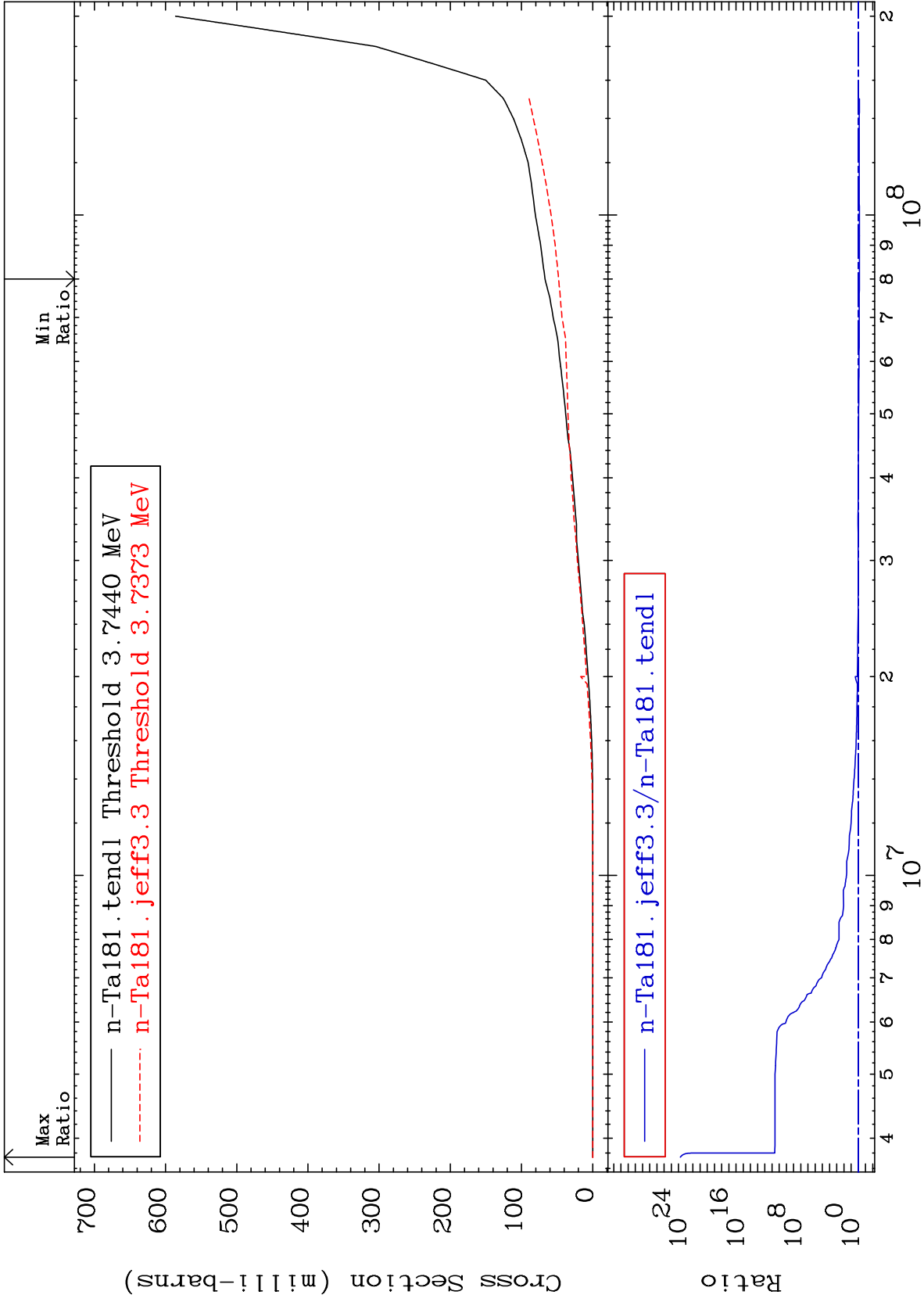
⁷³Ta-181



MAT 7328

Deuterium Production Cross Section

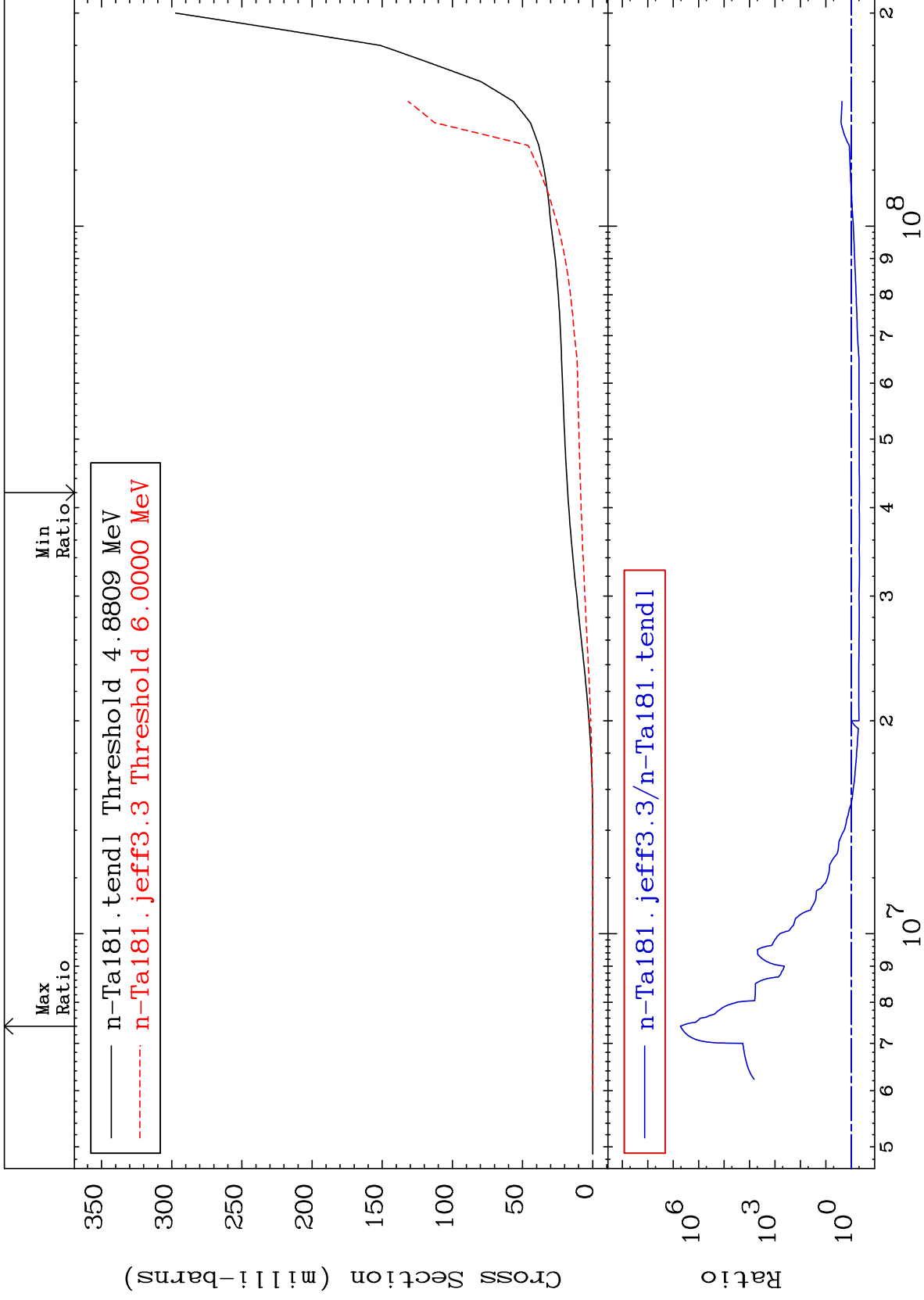
⁷³Ta-¹⁸¹
-28.72 To 9999. %



MAT 7328

Tritium Production
Cross Section

⁷³Ta-¹⁸¹
-52.10 To 9999. %



40

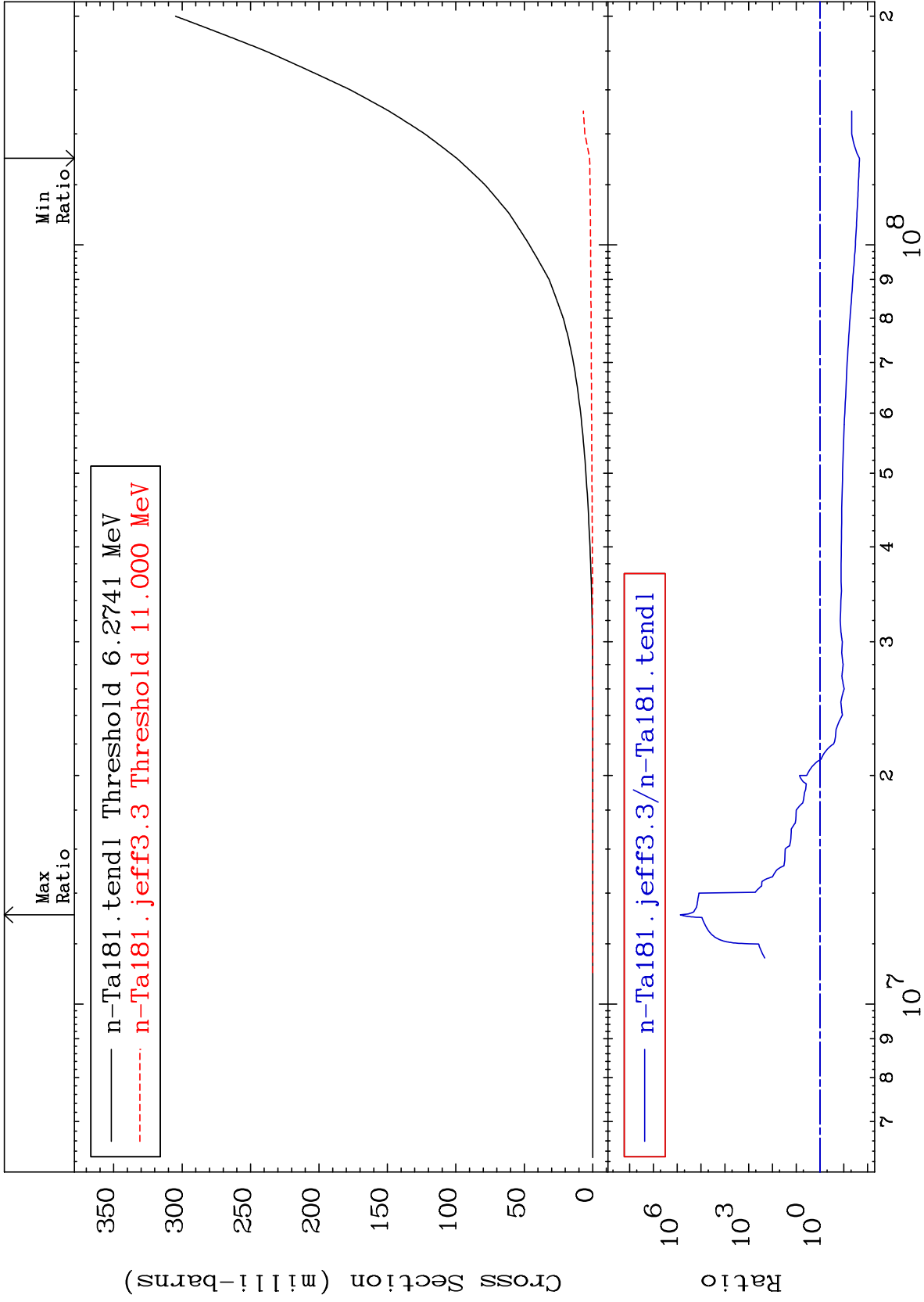
Incident Energy (eV)

⁷³Ta-¹⁸¹

MAT 7328

He-3 Production
Cross Section

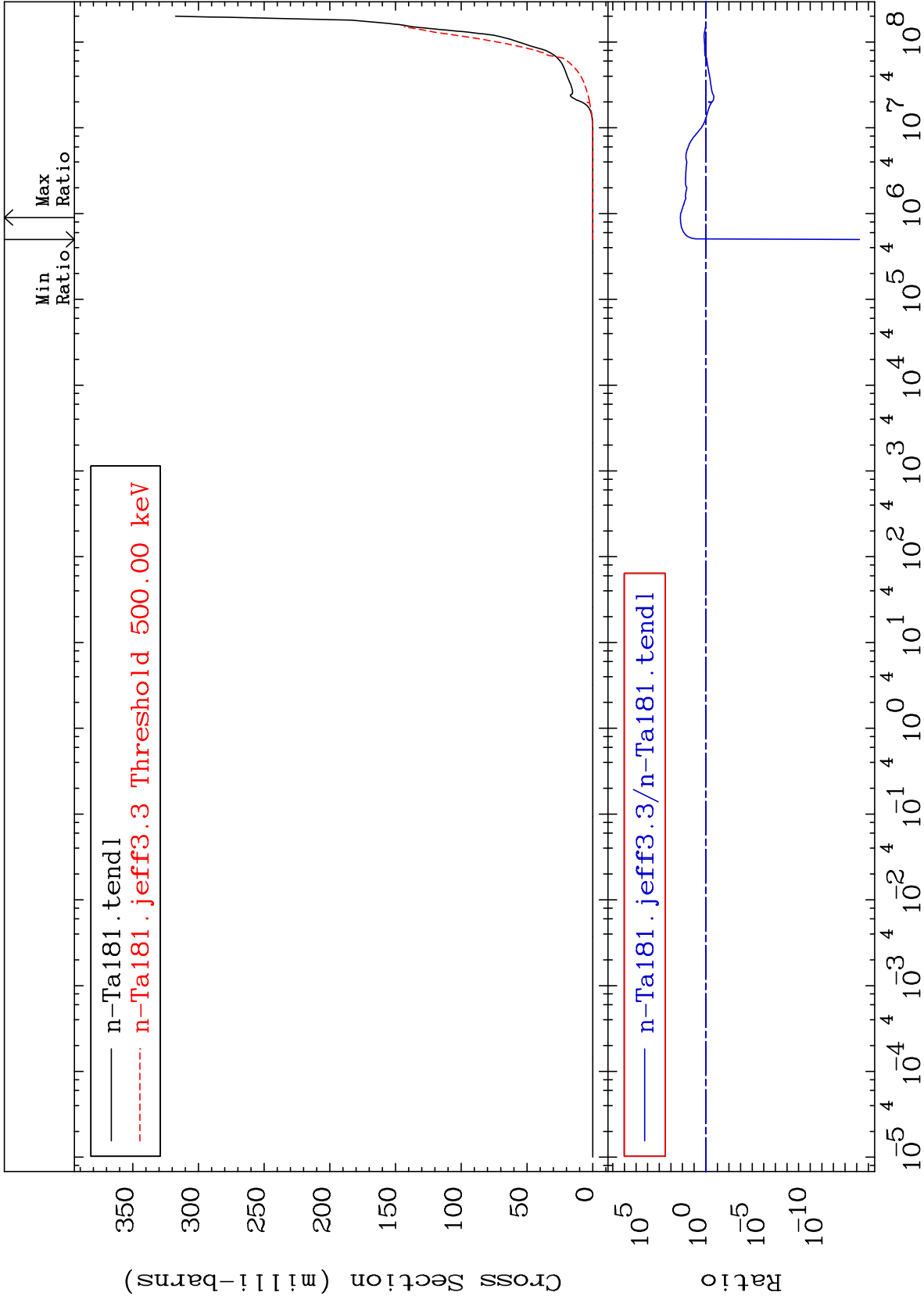
⁷³Ta-¹⁸¹
-97.79 To 9999. %

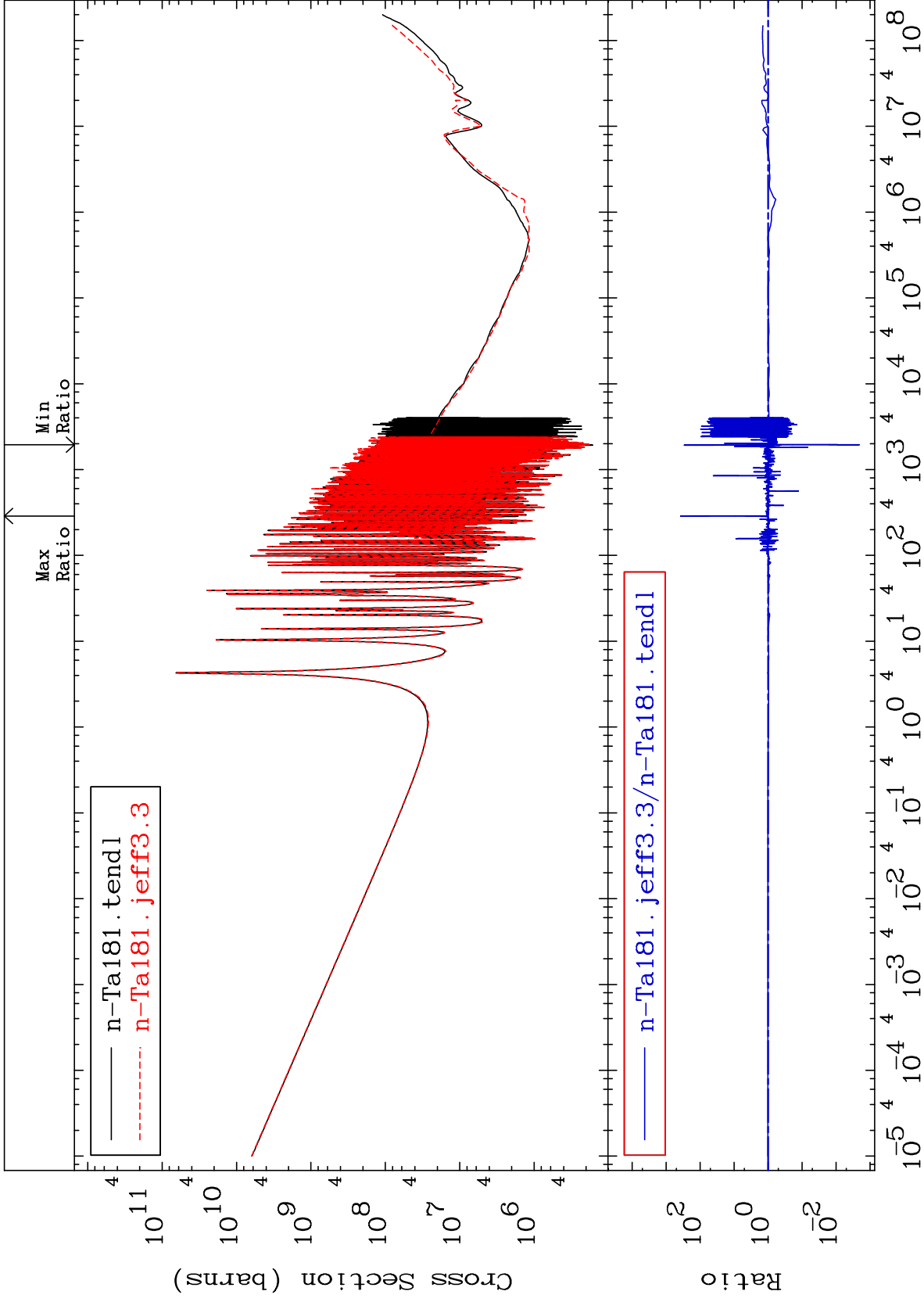


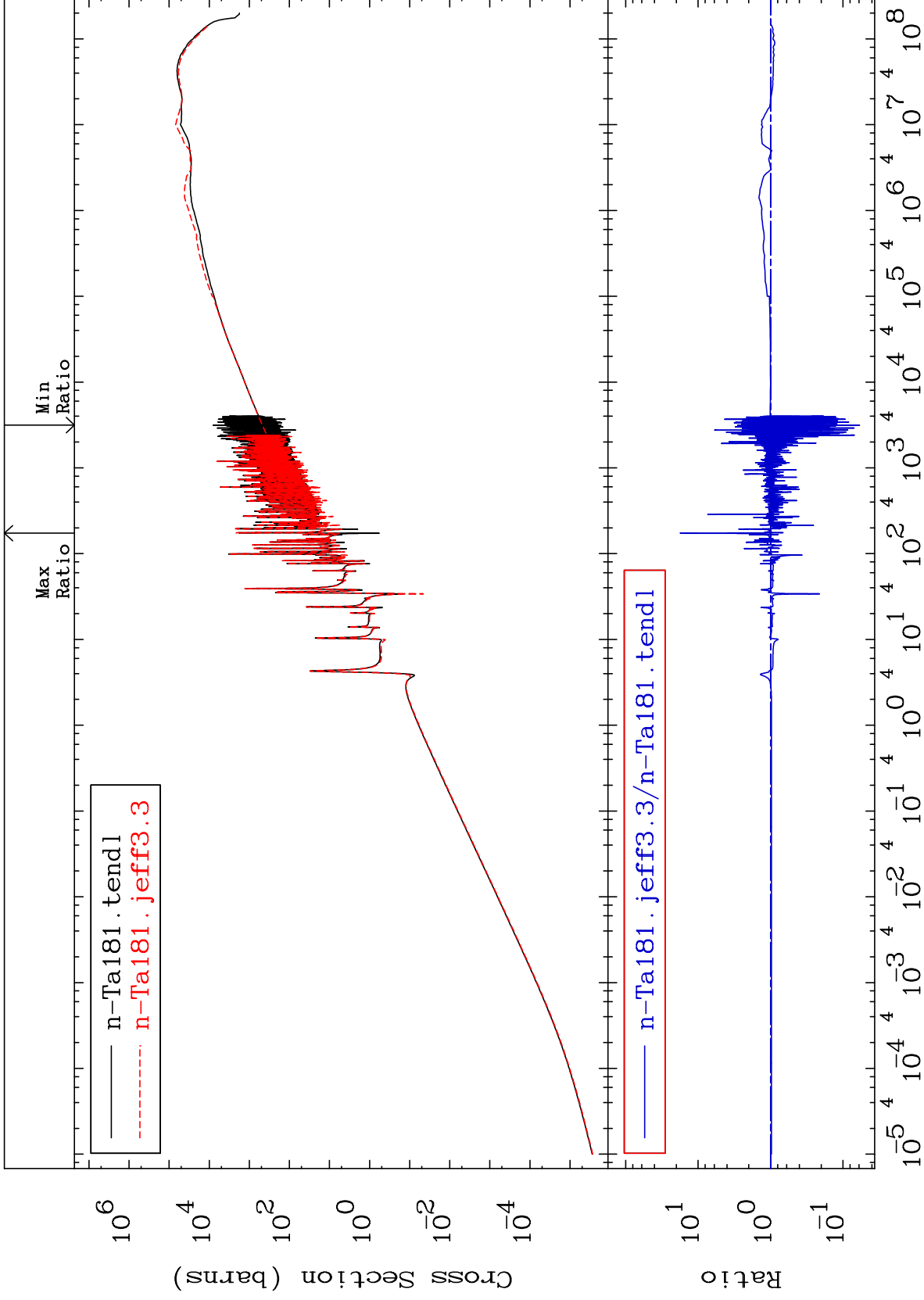
MAT 7328

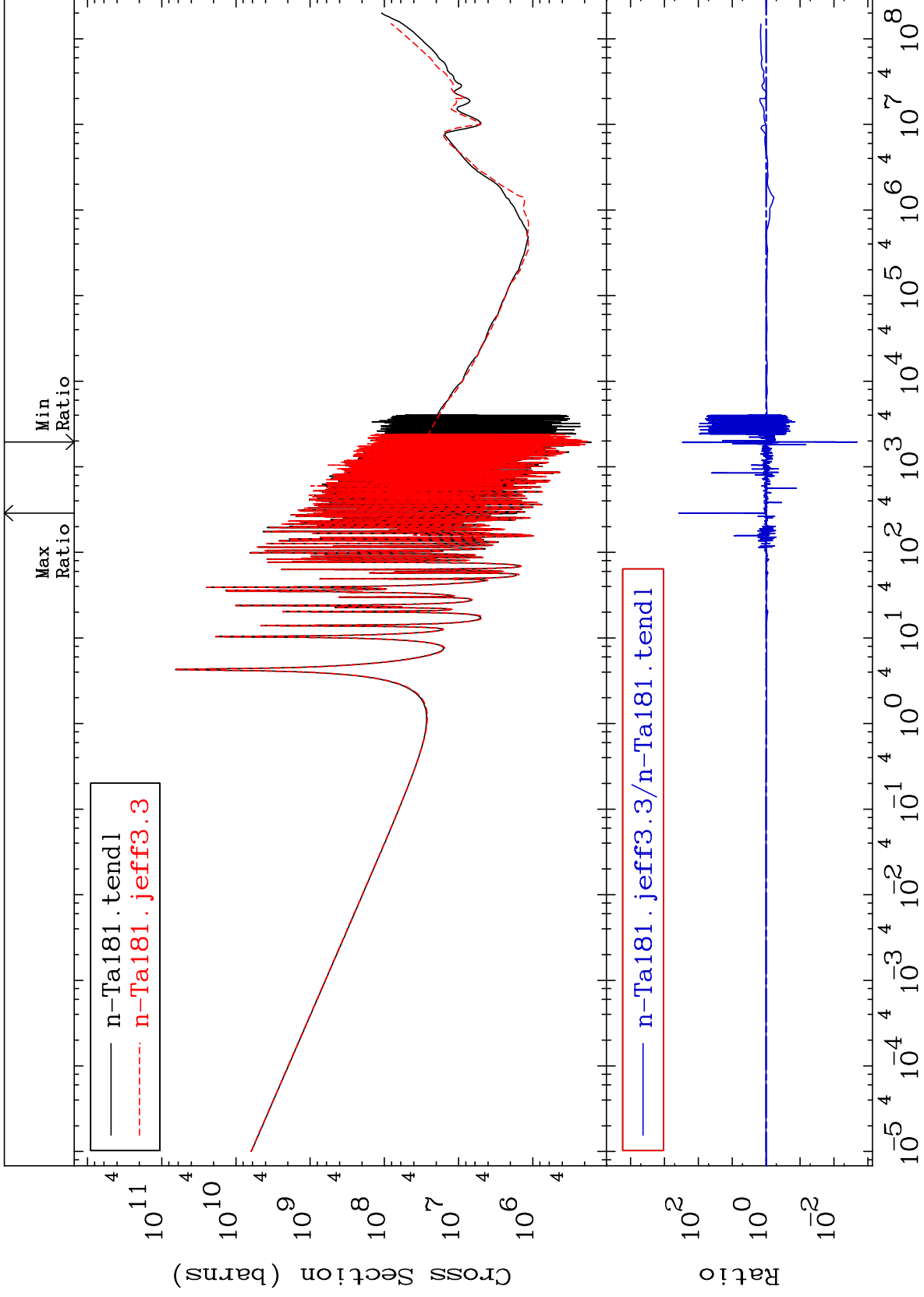
He-4 Production
Cross Section

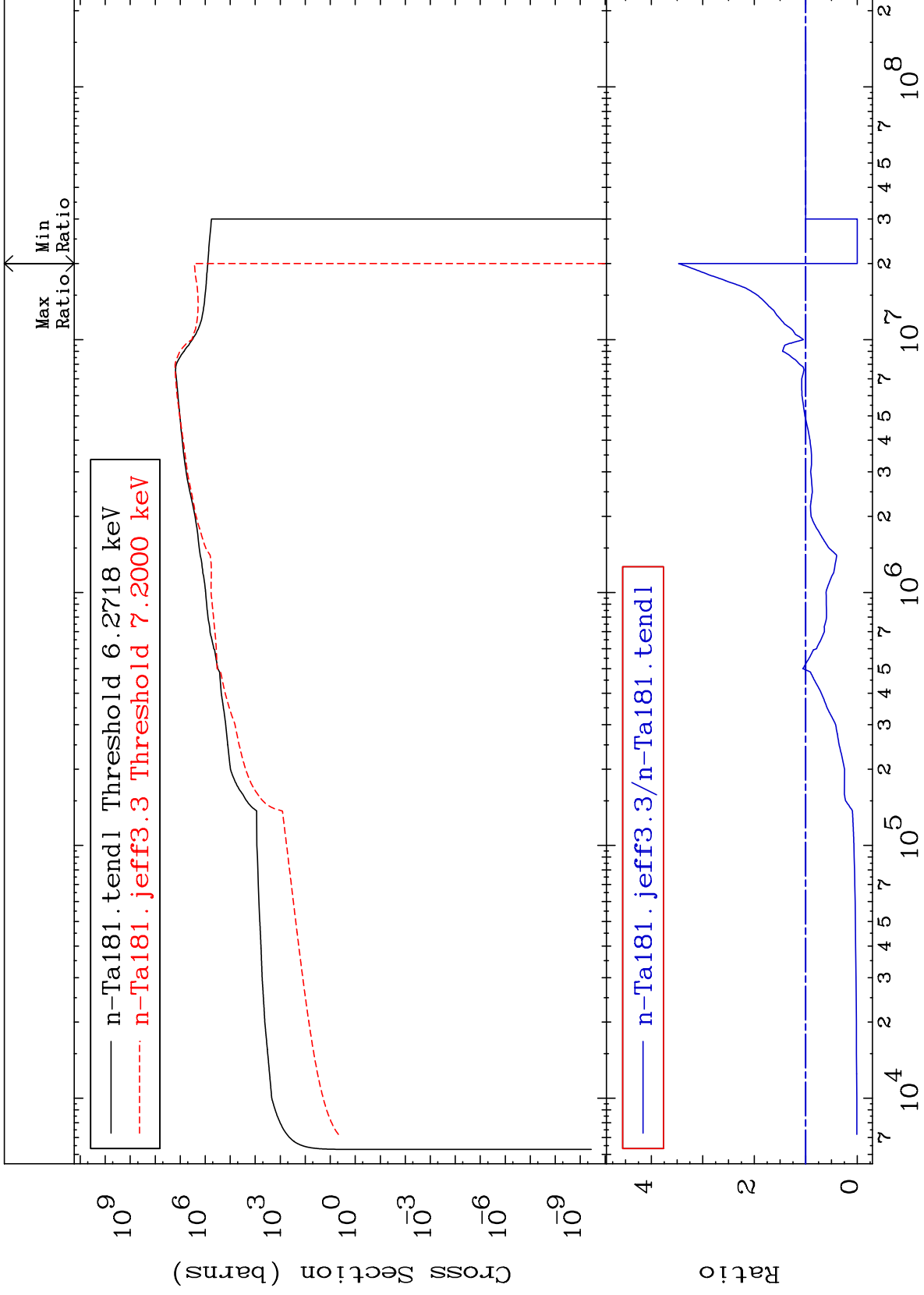
⁷³Ta-¹⁸¹
-100.0 To 9999. %







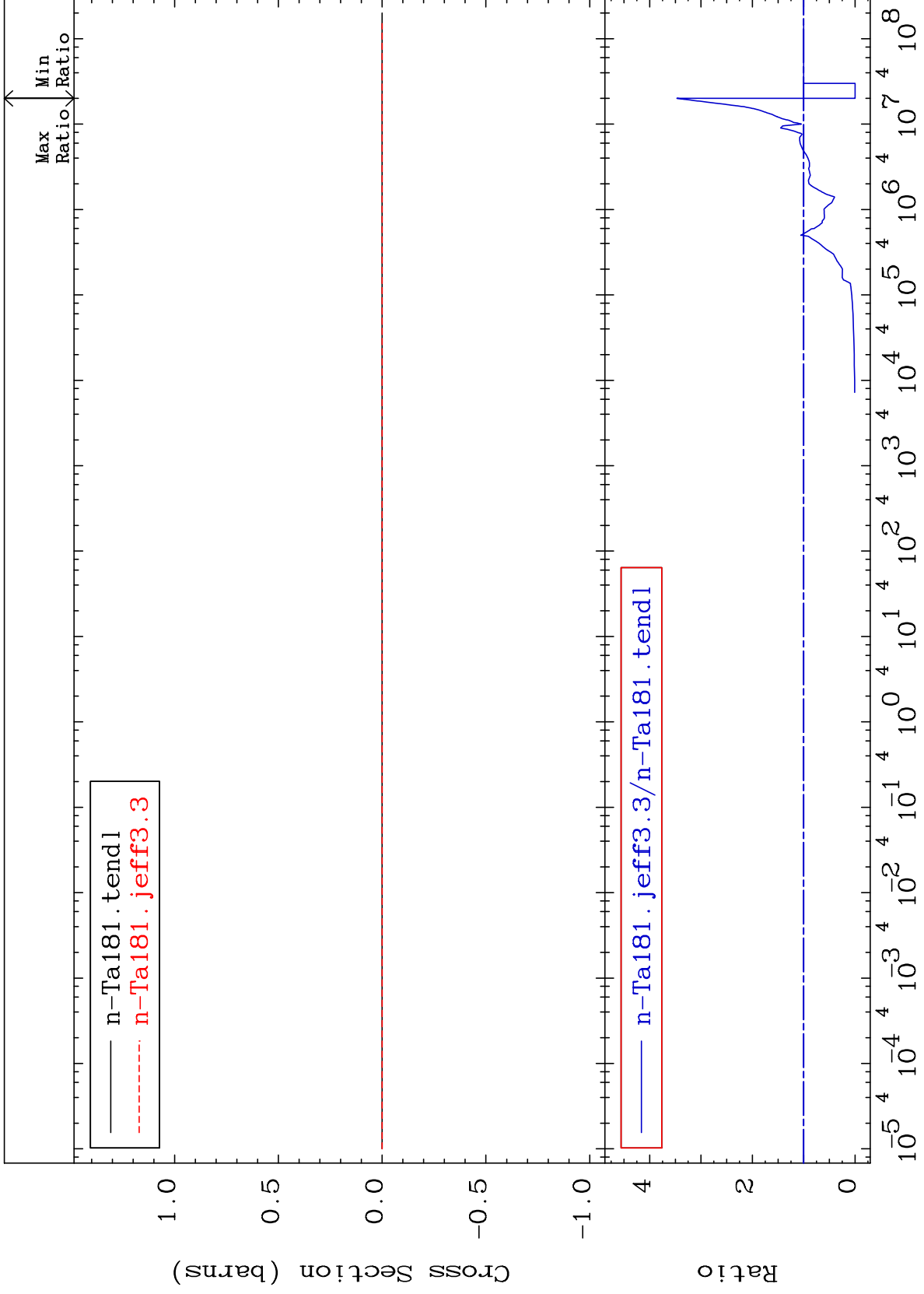




MAT 7328

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

73-Ta-181
-100.0 To 246.9 %



47

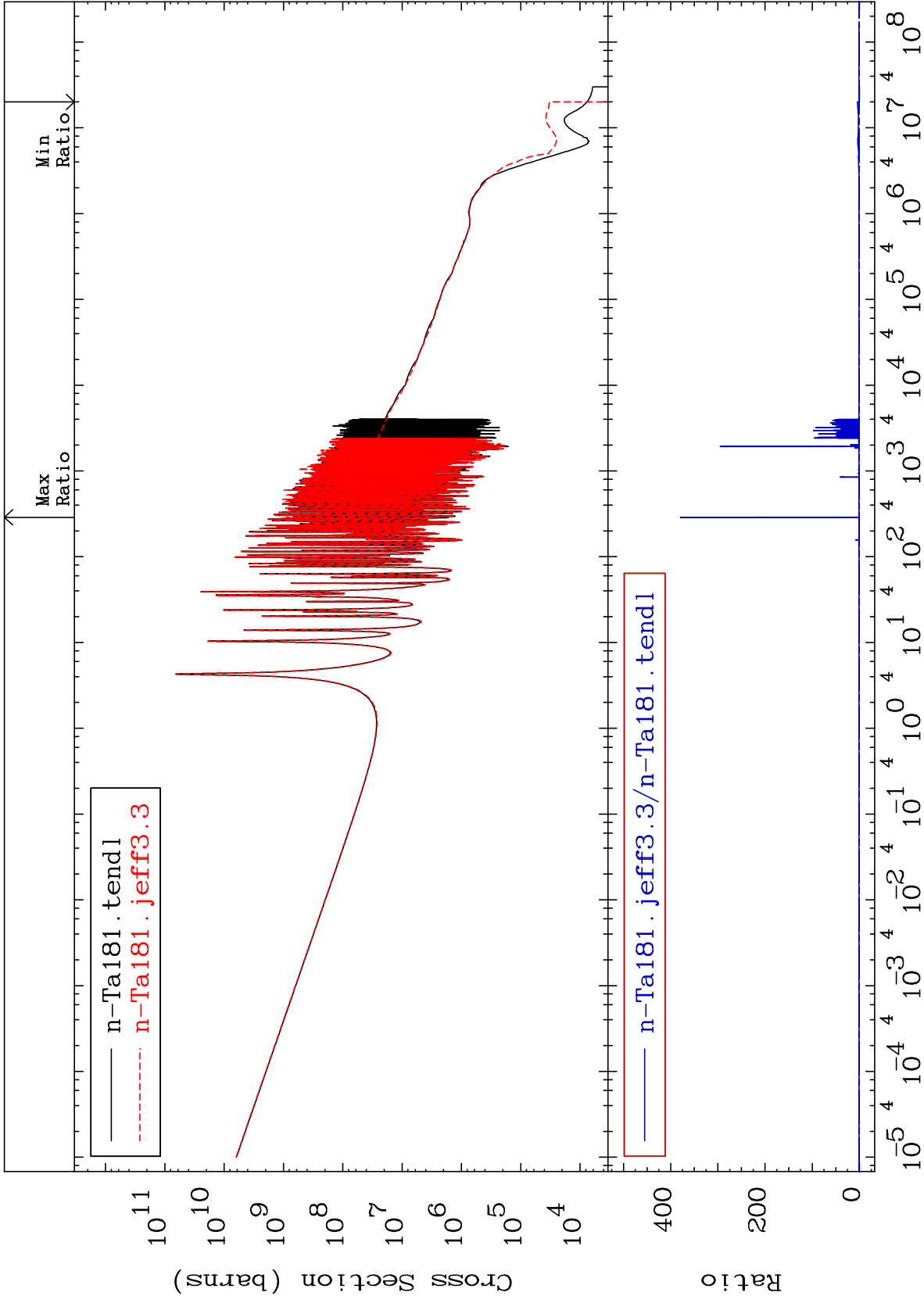
Incident Energy (eV)

73-Ta-181

MAT 7328

Kerma capture (mt102)
Cross Section

⁷³Ta-181
-100.0 To 9999. %



48

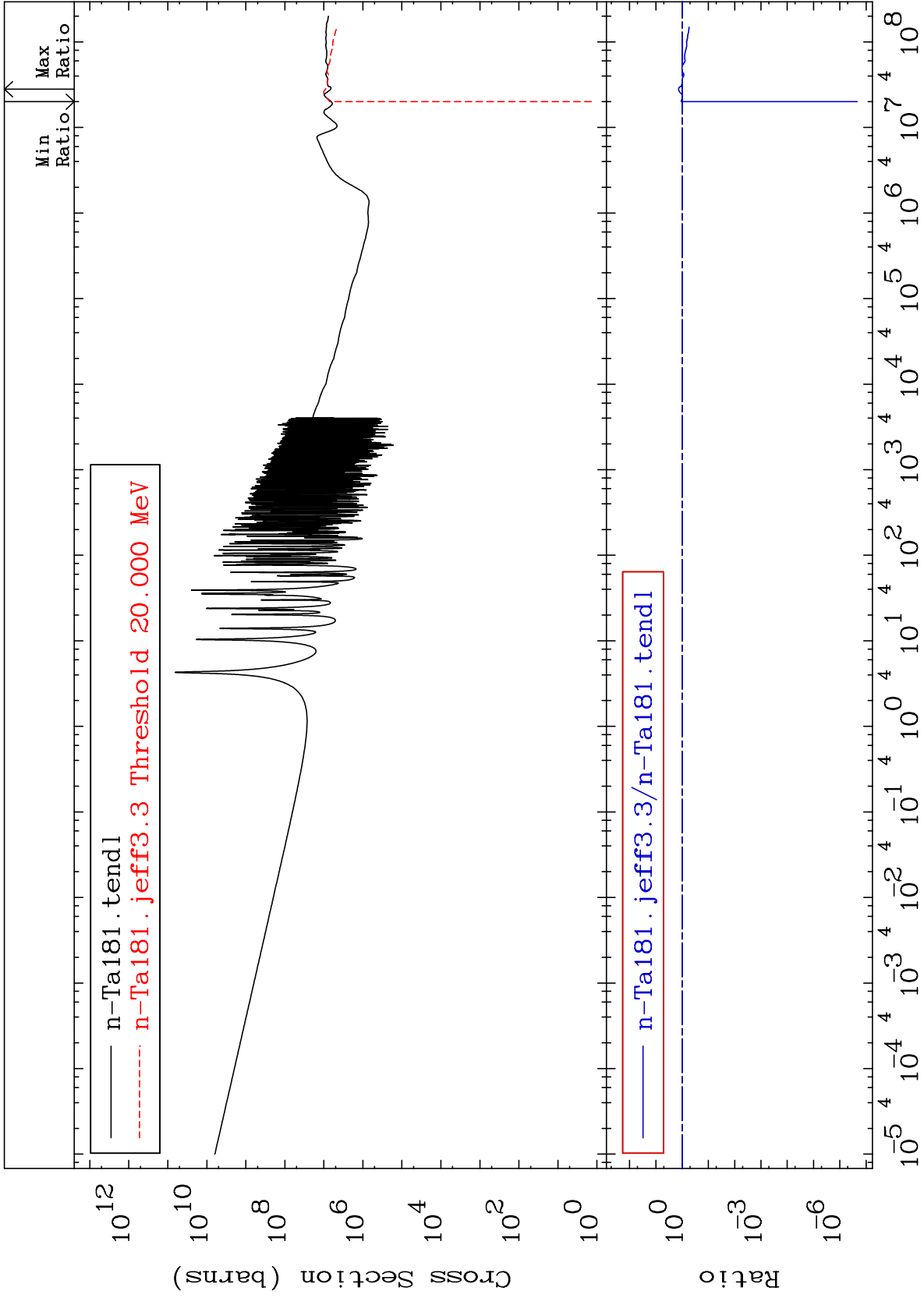
Incident Energy (eV)

⁷³Ta-181

MAT 7328

Total photon (eV-barns)
Cross Section

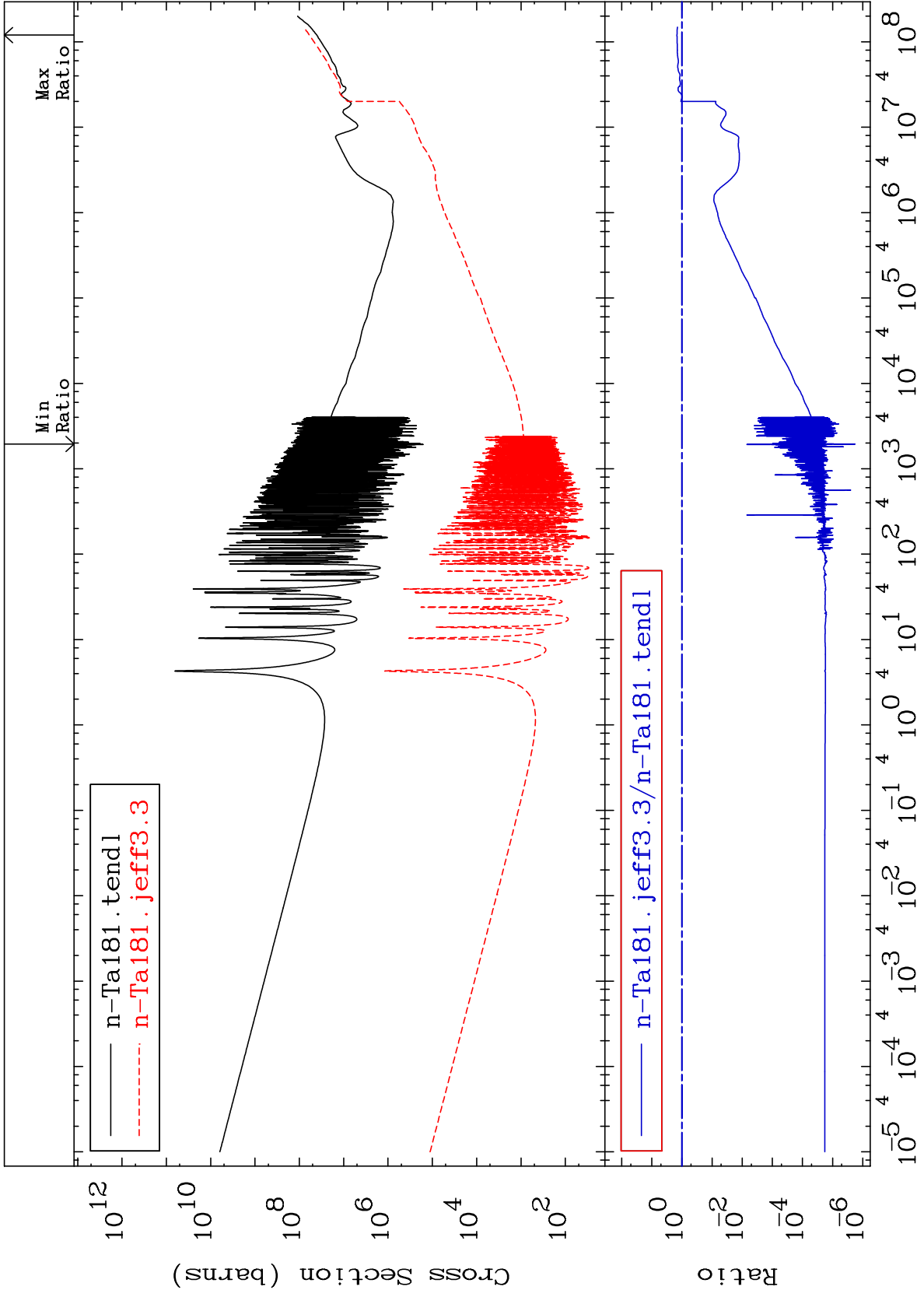
⁷³Ta-¹⁸¹
-100.0 To 35.63 %

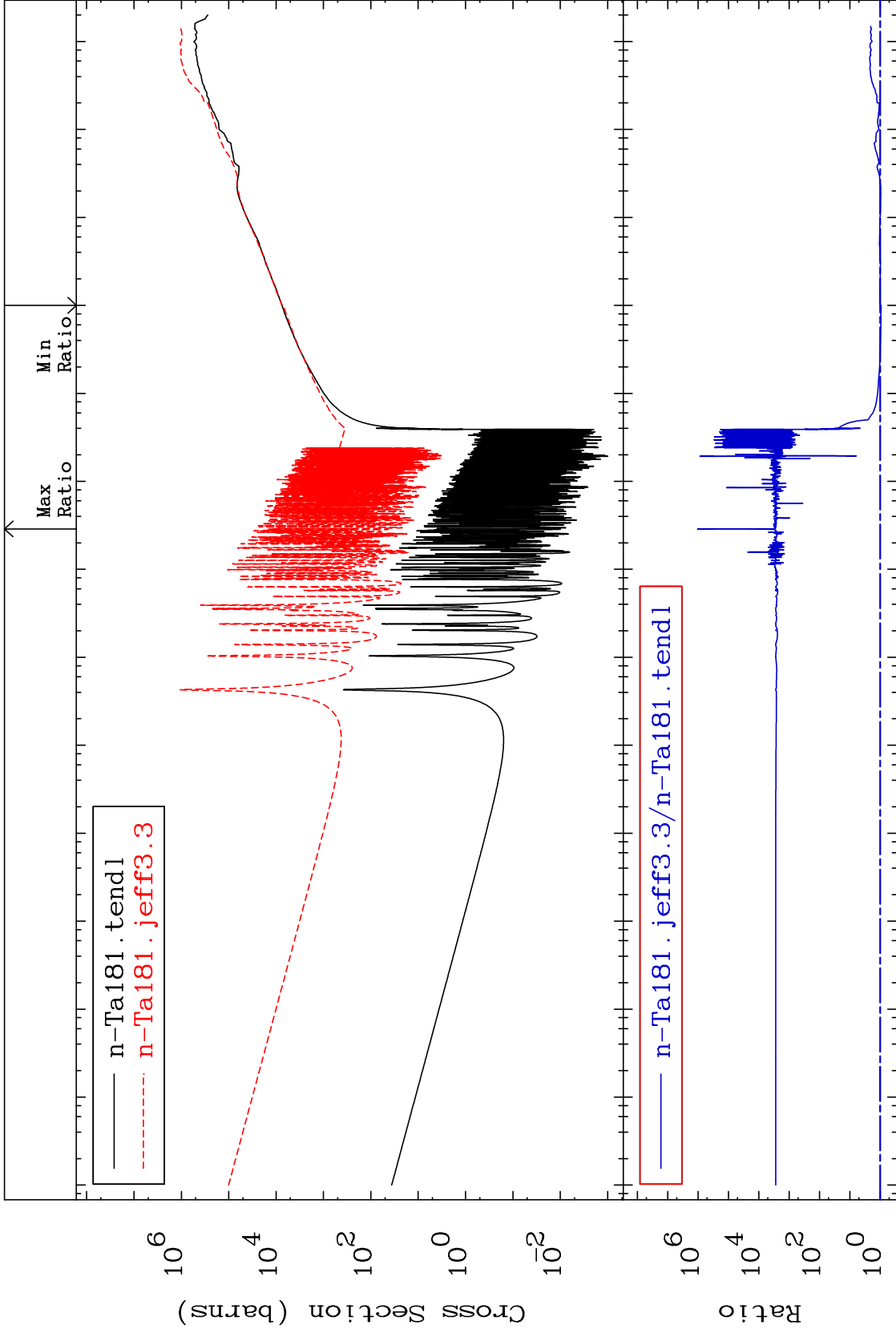


MAT 7328

Total kinematic kerma (high limit)
Cross Section

73-Ta-181
-100.0 To 46.70 %

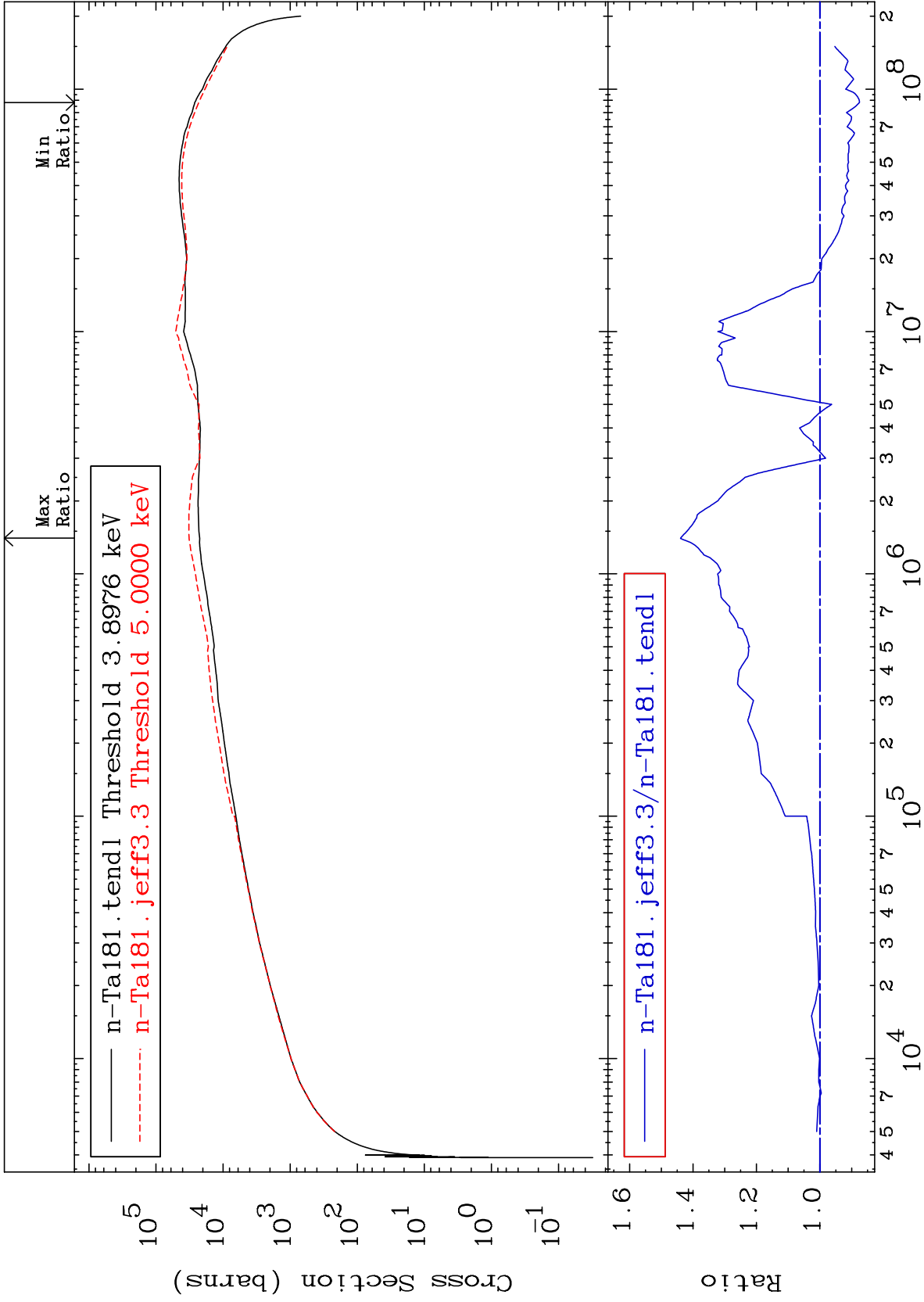




MAT 7328

Dpa elastic (mt2)
Cross Section

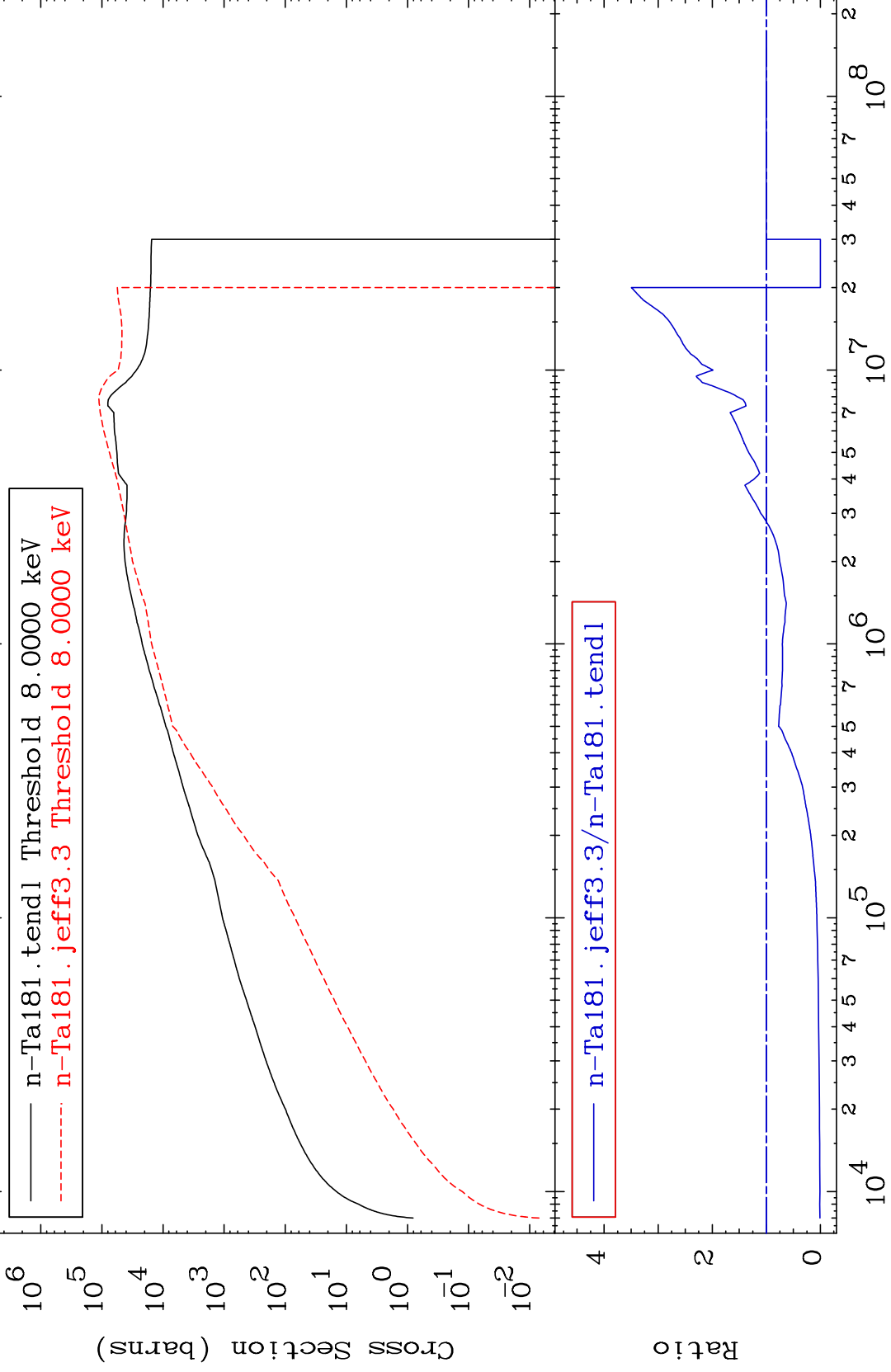
⁷³Ta-¹⁸¹
-12.46 To 43.99 %



MAT 7328

Dpa inelastic (mt51-91)
Cross Section

73-Ta-181
-100.0 To 249.5 %



53

Incident Energy (eV)

73-Ta-181

