

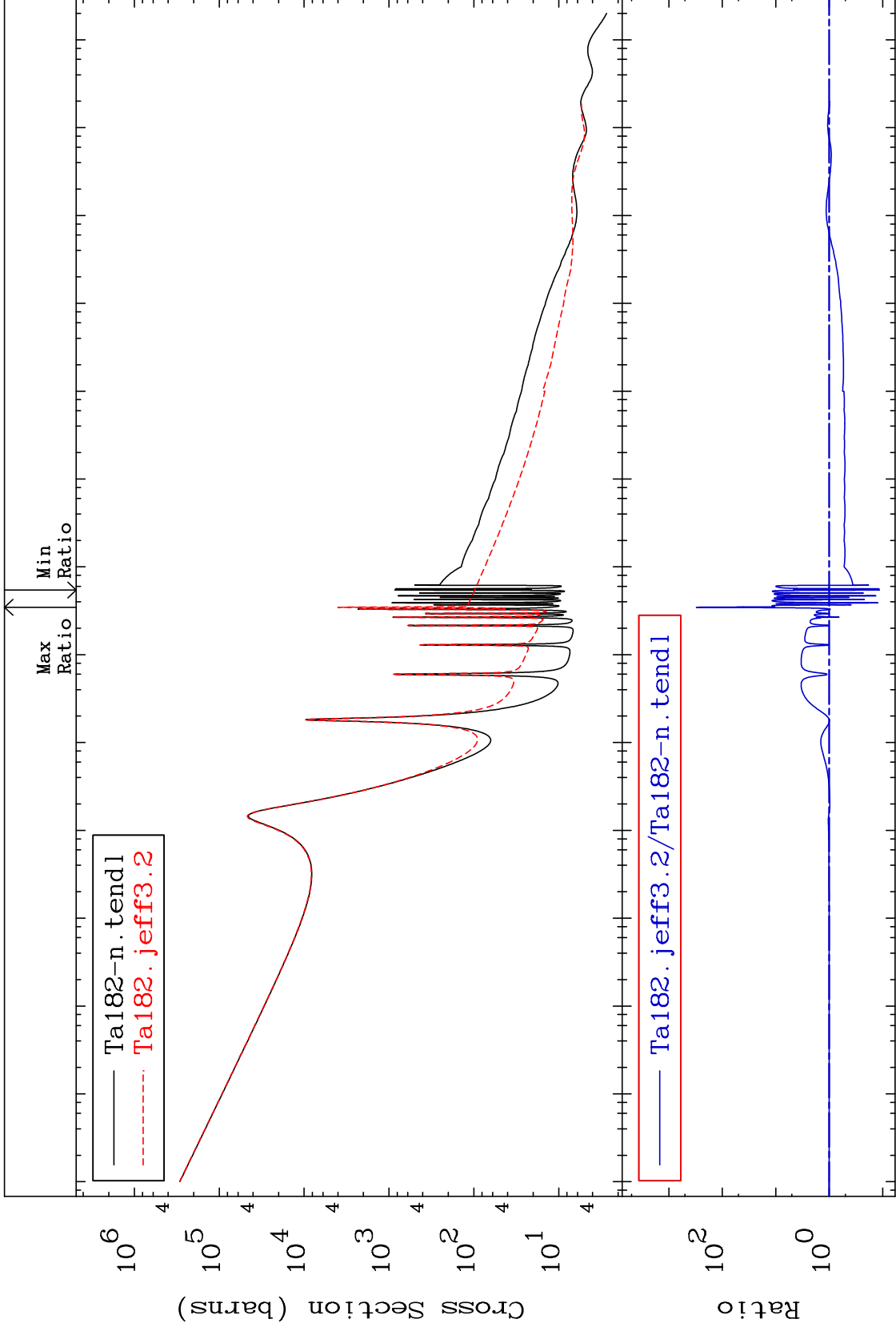
MAT 7331

Total

⁷³Ta-182

Cross Section

-88.53 To 9999. %



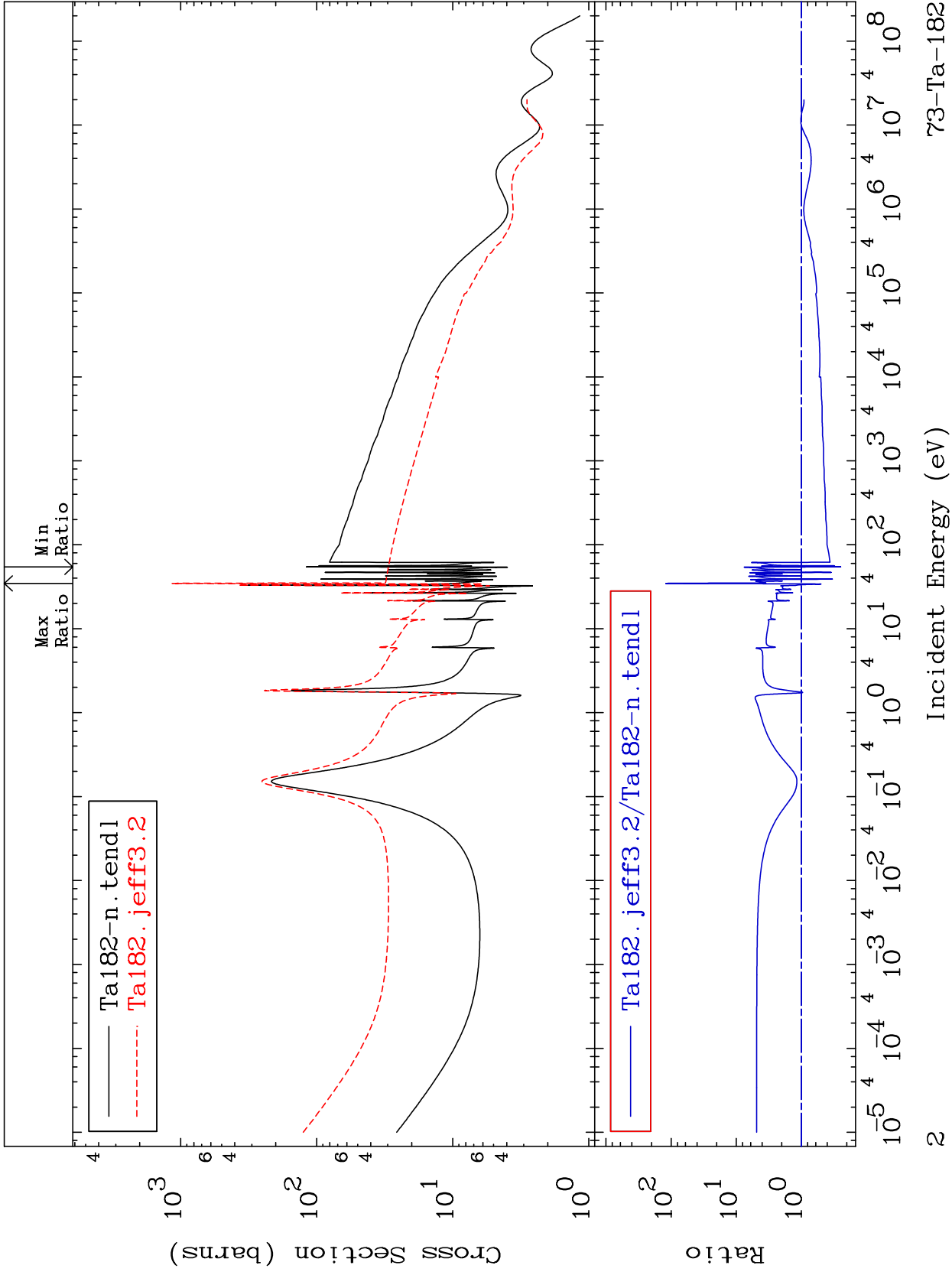
Incident Energy (eV)

⁷³Ta-182

MAT 7331

Elastic
Cross Section

73-Ta-182
-75.09 To 9999. %



2

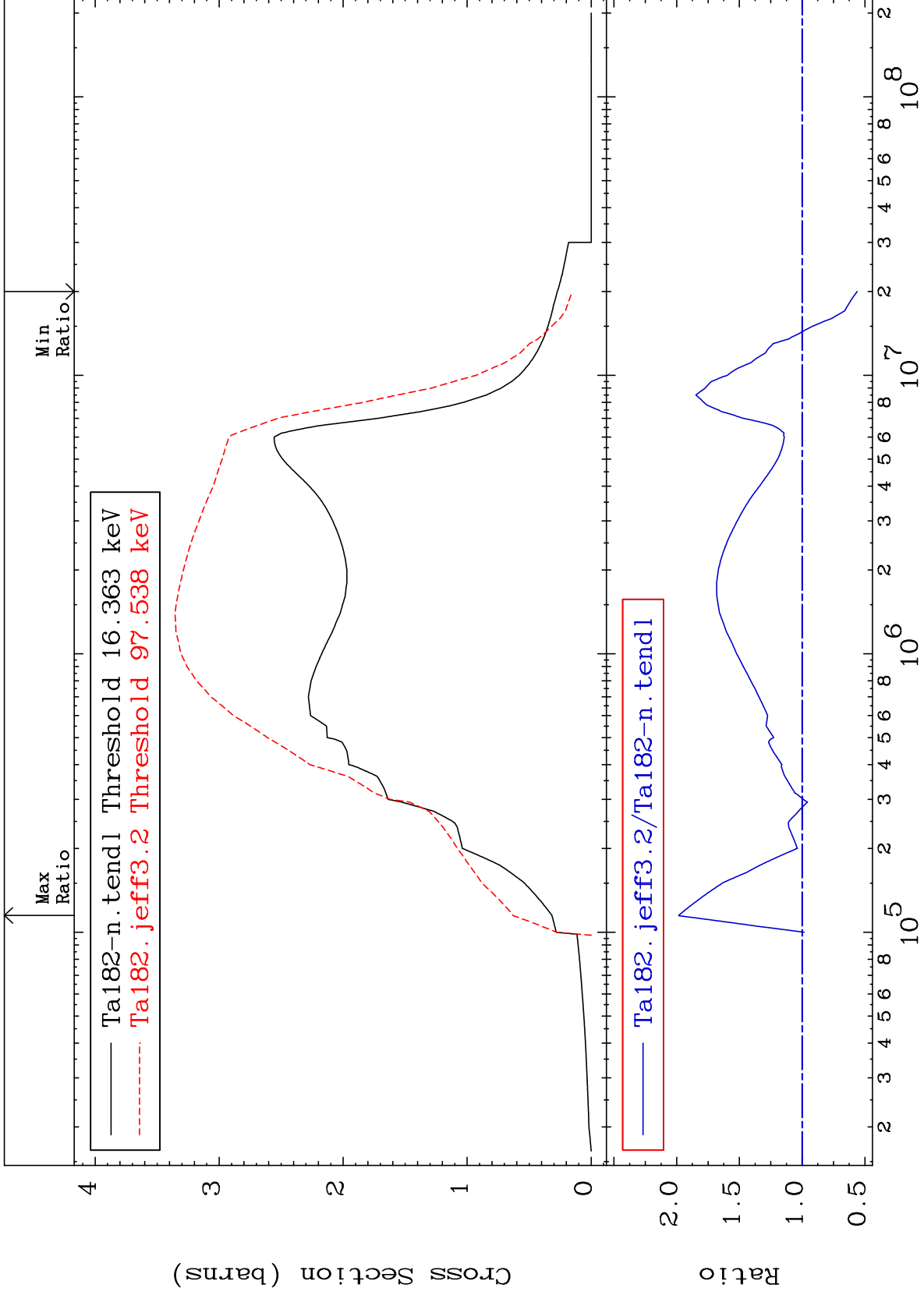
Incident Energy (eV)

73-Ta-182

MAT 7331

Inelastic
Cross Section

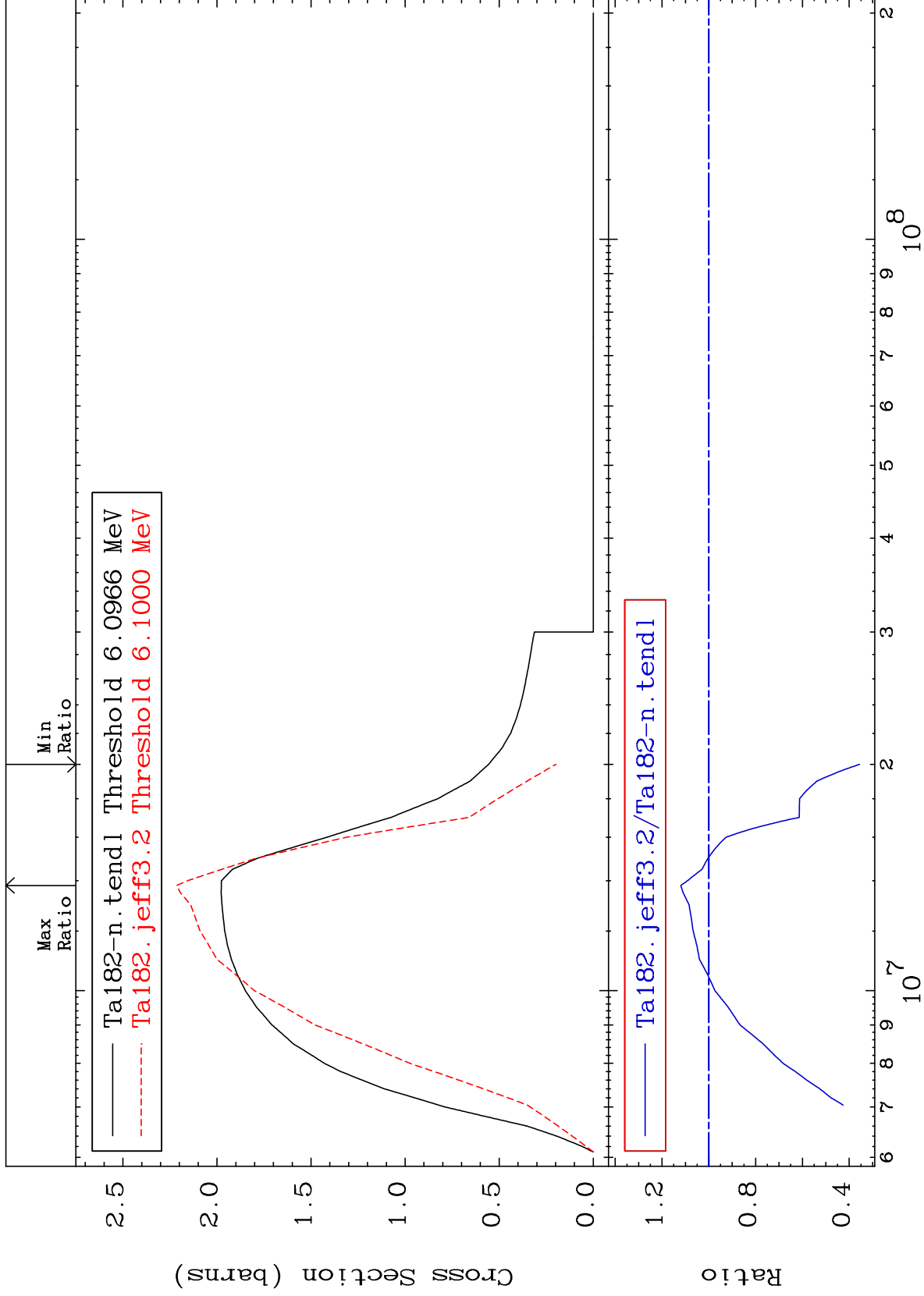
73-Ta-182
-43.95 To 98.47 %



MAT 7331

(n,2n)
Cross Section

⁷³Ta-182
-64.42 To 11.98 %



4

Incident Energy (eV)

⁷³Ta-182

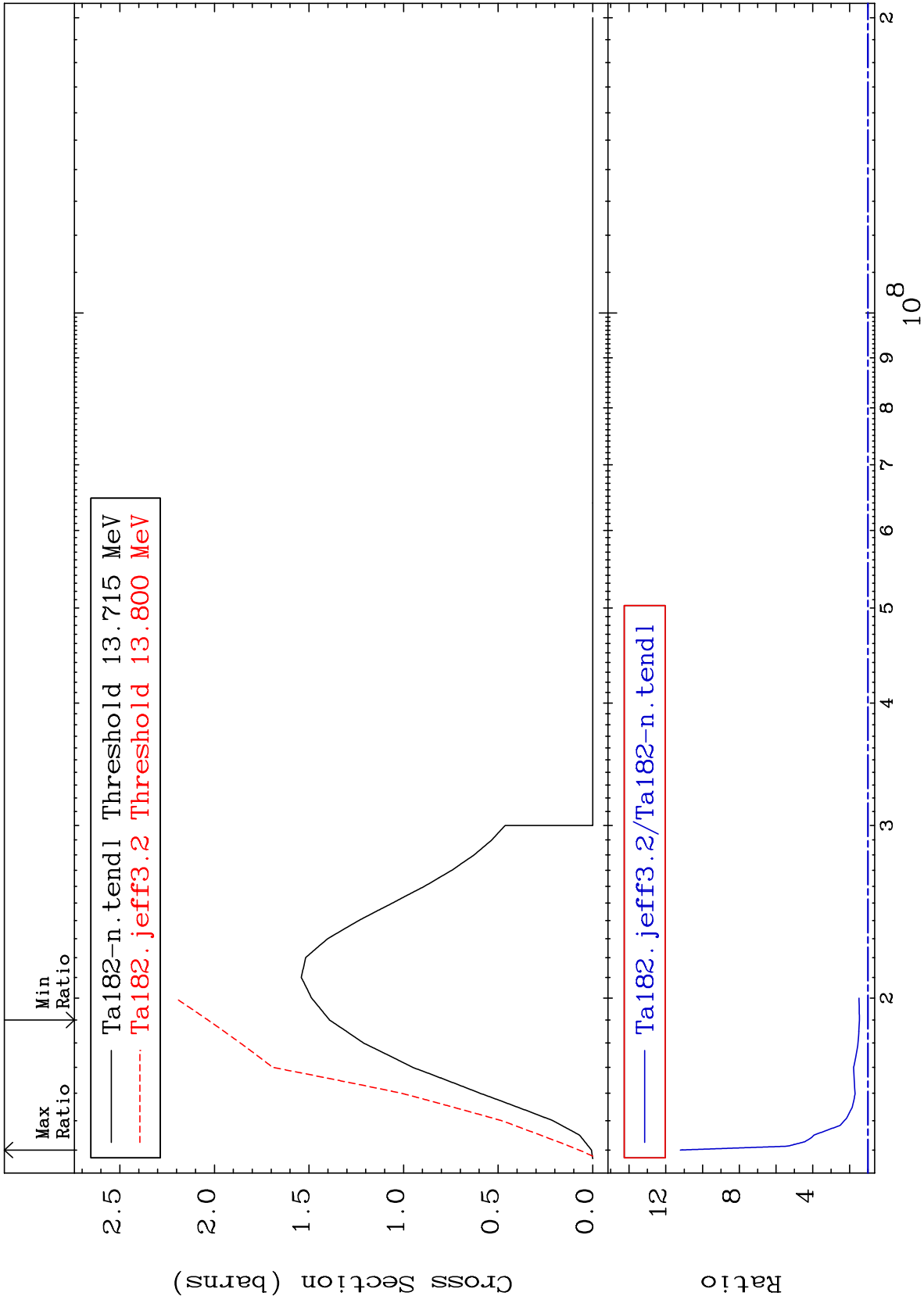
MAT 7331

(n,3n)

⁷³Ta-182

Cross Section

46.19 To 1021. %



5

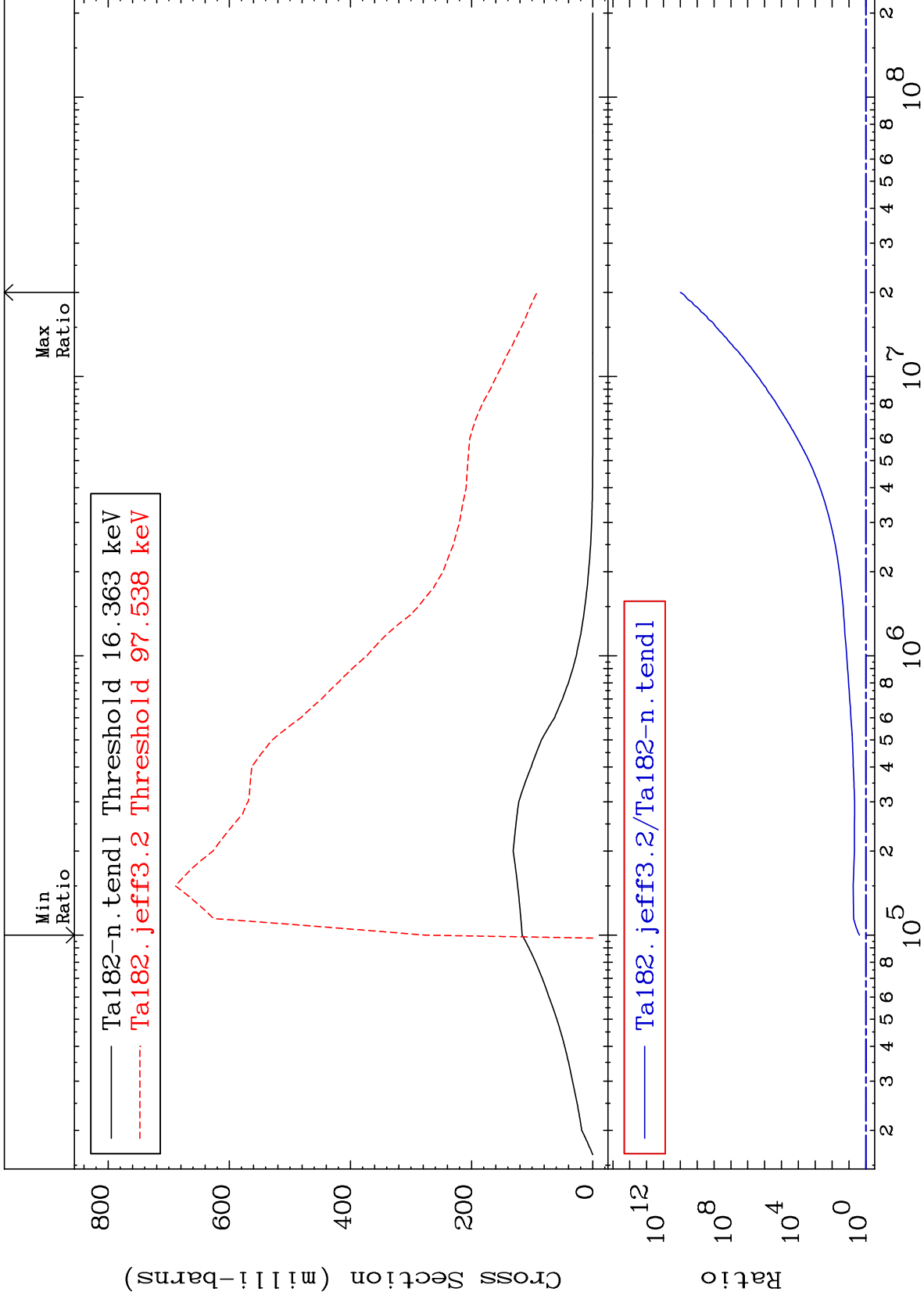
Incident Energy (eV)

⁷³Ta-182

MAT 7331

16.27 keV (n,n') Level
Cross Section

73-Ta-182
138.7 To 9999. %

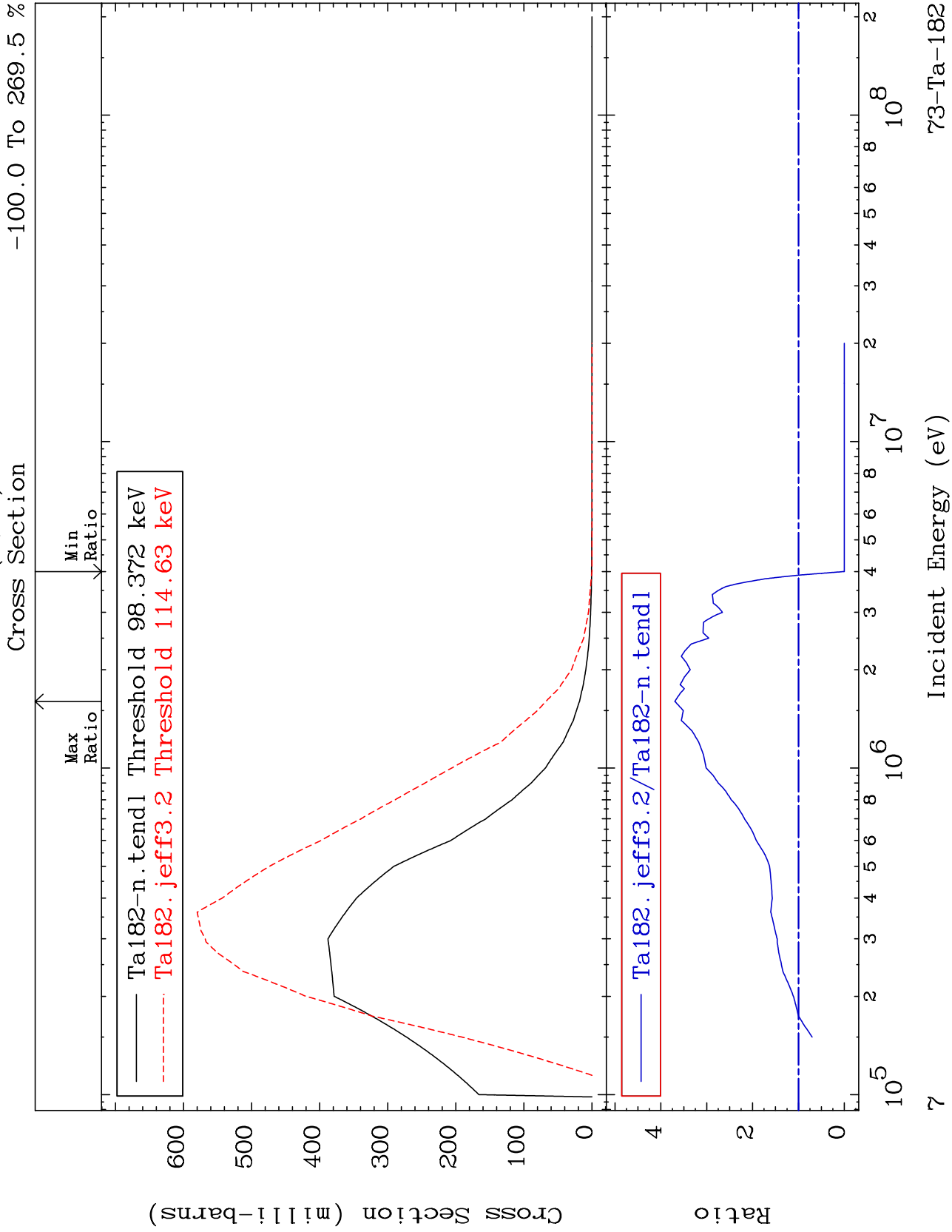


MAT 7331

97.83 keV (n,n') Level

⁷³Ta-¹⁸²

-100.0 To 269.5 %

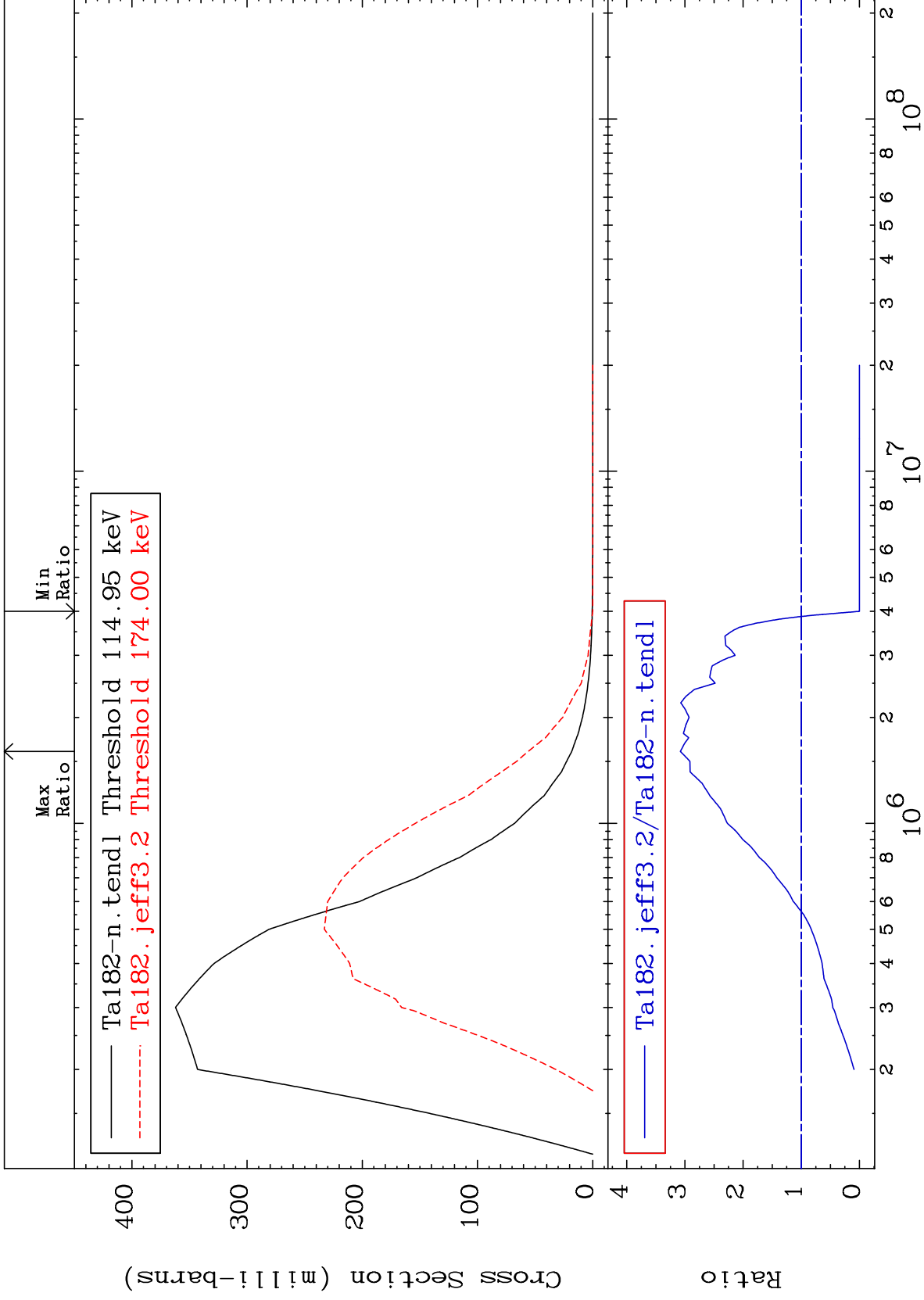


⁷³Ta-¹⁸²

MAT 7331

114.3 keV (n,n') Level
Cross Section

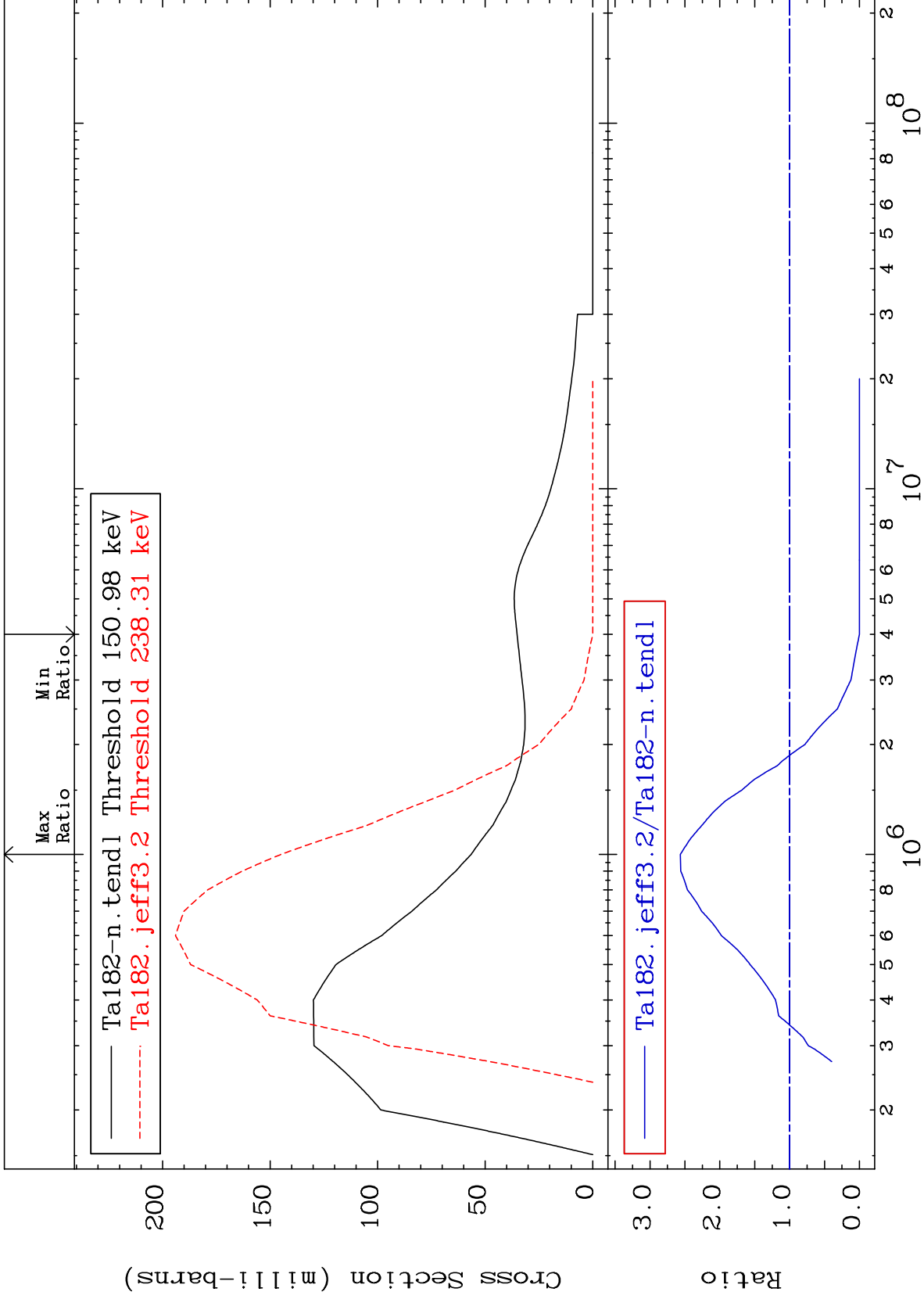
⁷³Ta-¹⁸²Ta
-100.0 To 207.9 %



MAT 7331

150.2 keV (n,n') Level
Cross Section

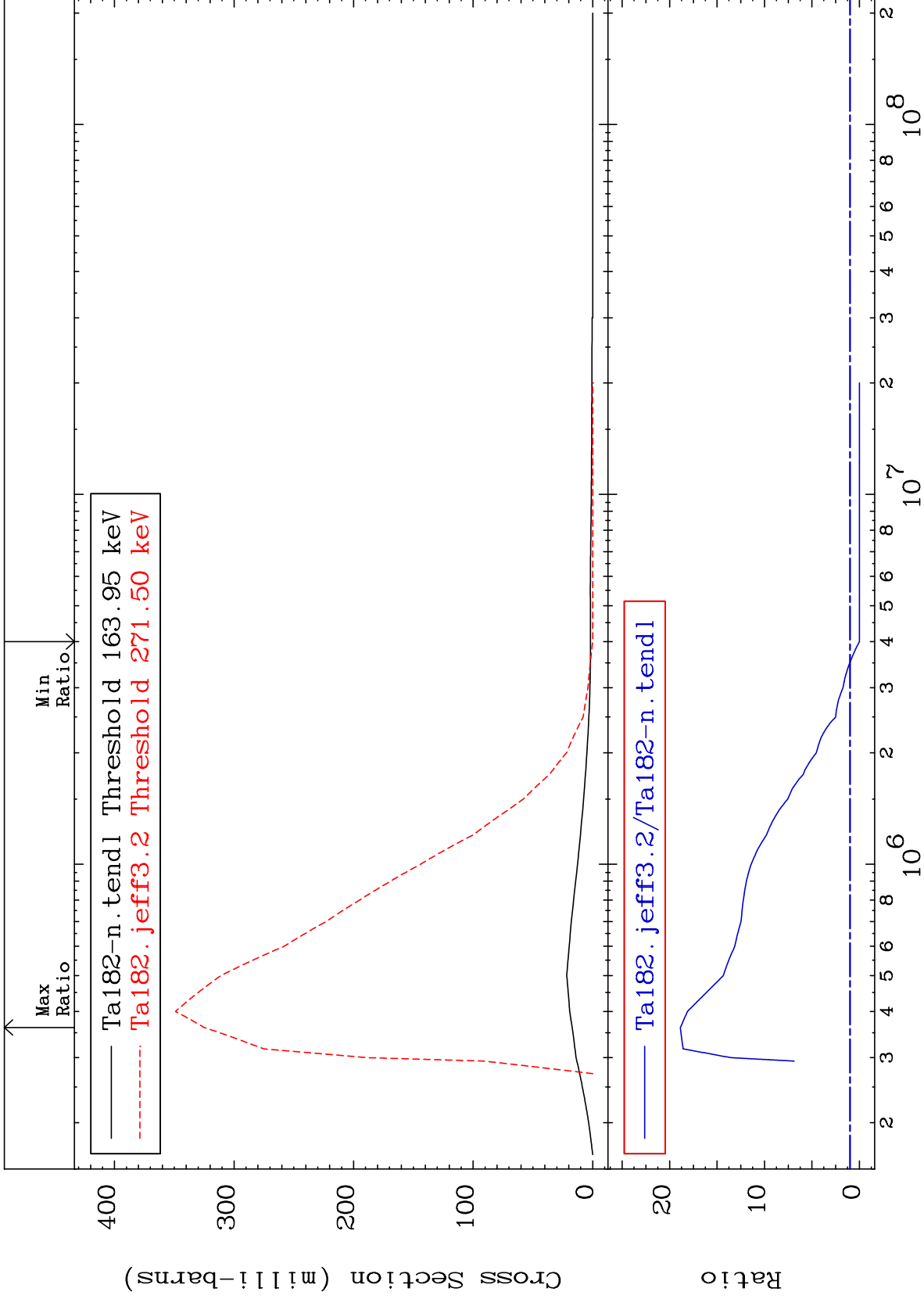
⁷³Ta-¹⁸²
-100.0 To 156.5 %



MAT 7331

163.0 keV (n,n') Level
Cross Section

⁷³Ta-¹⁸²
-100.0 To 1787. %

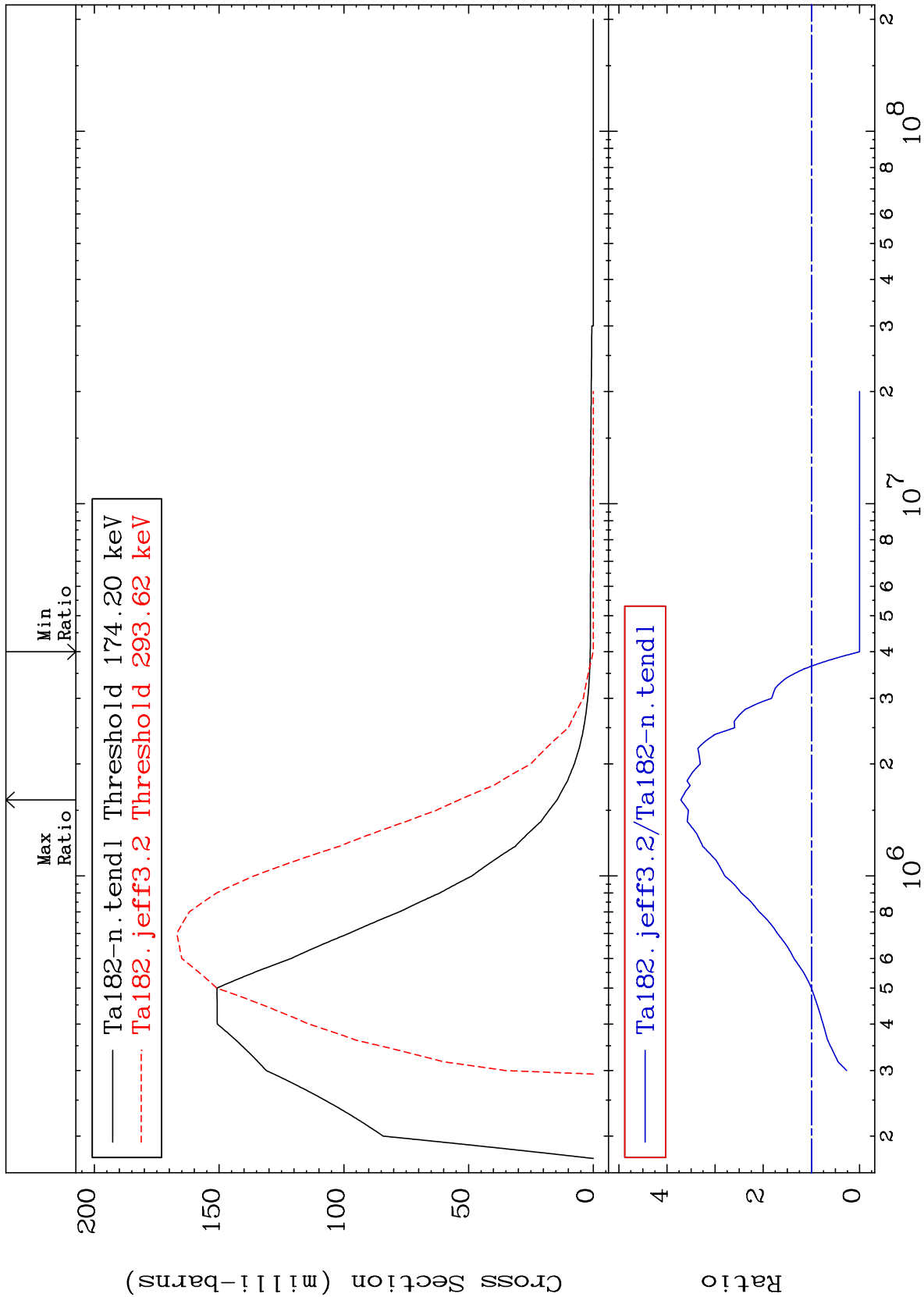


10

Incident Energy (eV)

⁷³Ta-¹⁸²

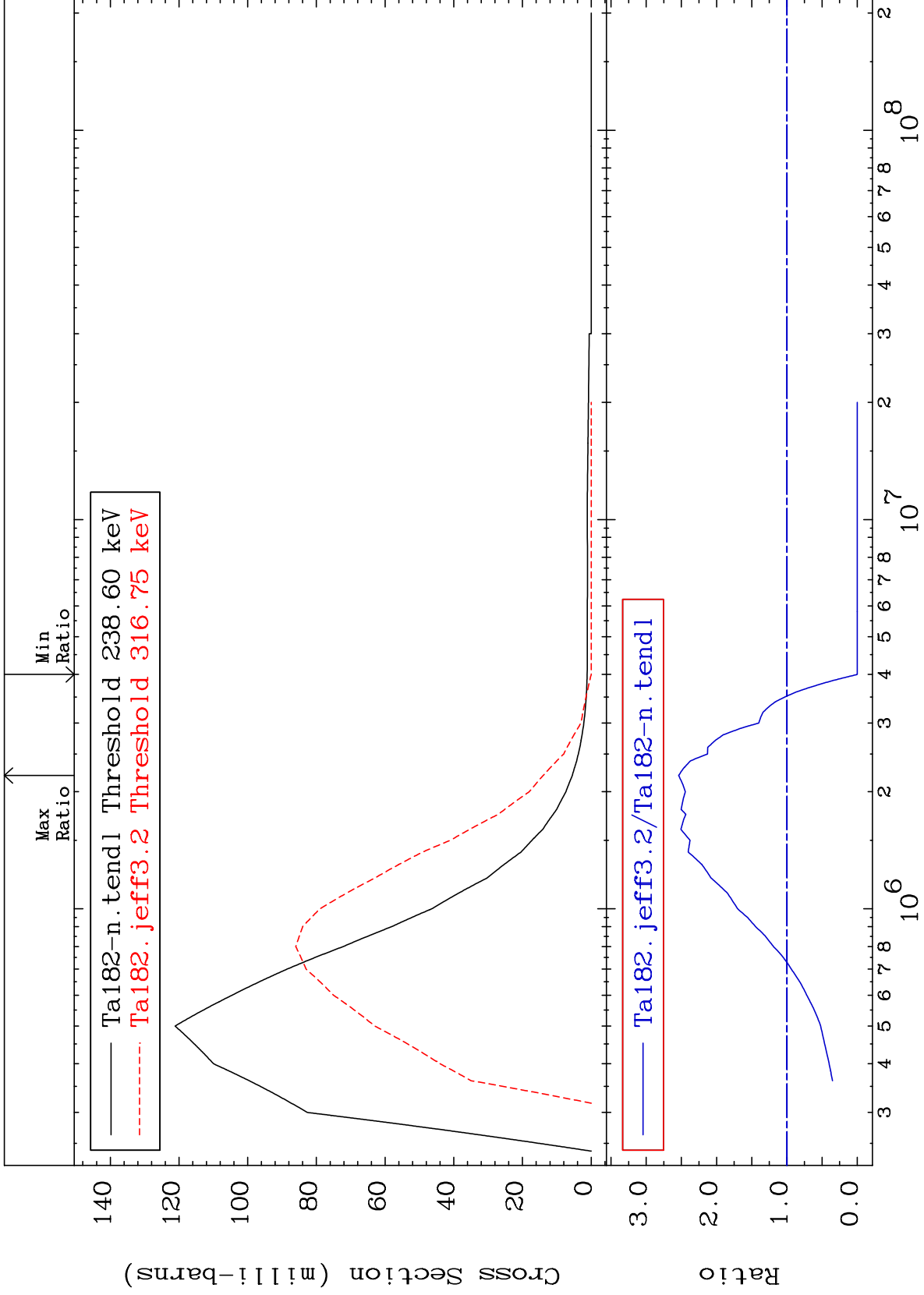
MAT 7331 173.2 keV (n,n') Level 73-Ta-182
Cross Section -100.0 To 271.3 %



MAT 7331

237.3 keV (n,n') Level
Cross Section

73-Ta-182
-100.0 To 153.9 %



12

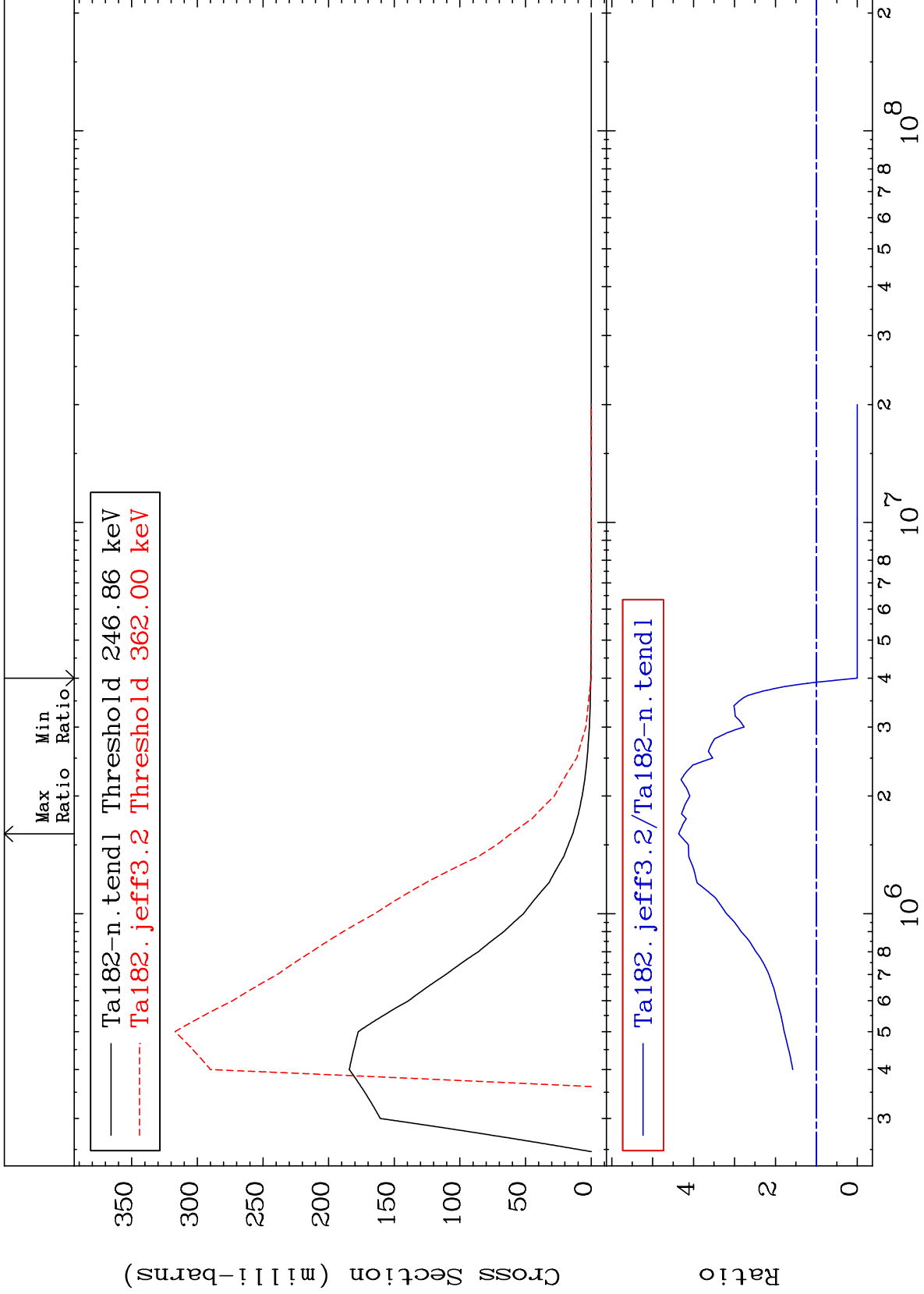
Incident Energy (eV)

73-Ta-182

MAT 7331

245.5 keV (n,n') Level
Cross Section

⁷³Ta-¹⁸²
-100.0 To 336.6 %



13

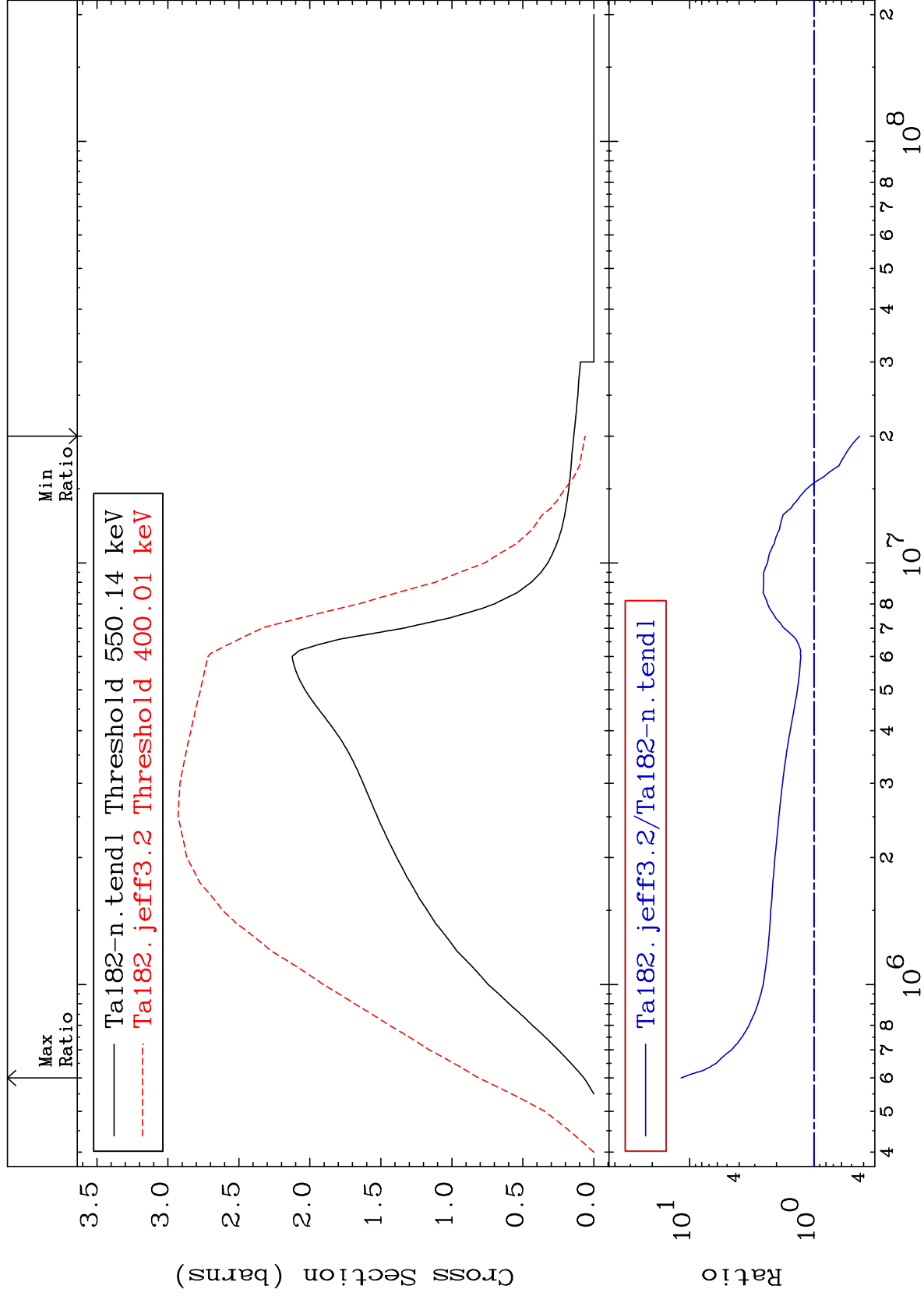
Incident Energy (eV)

⁷³Ta-¹⁸²

MAT 7331

(n, n') Continuum
Cross Section

⁷³Ta-¹⁸²
-57.04 To 1071. %



14

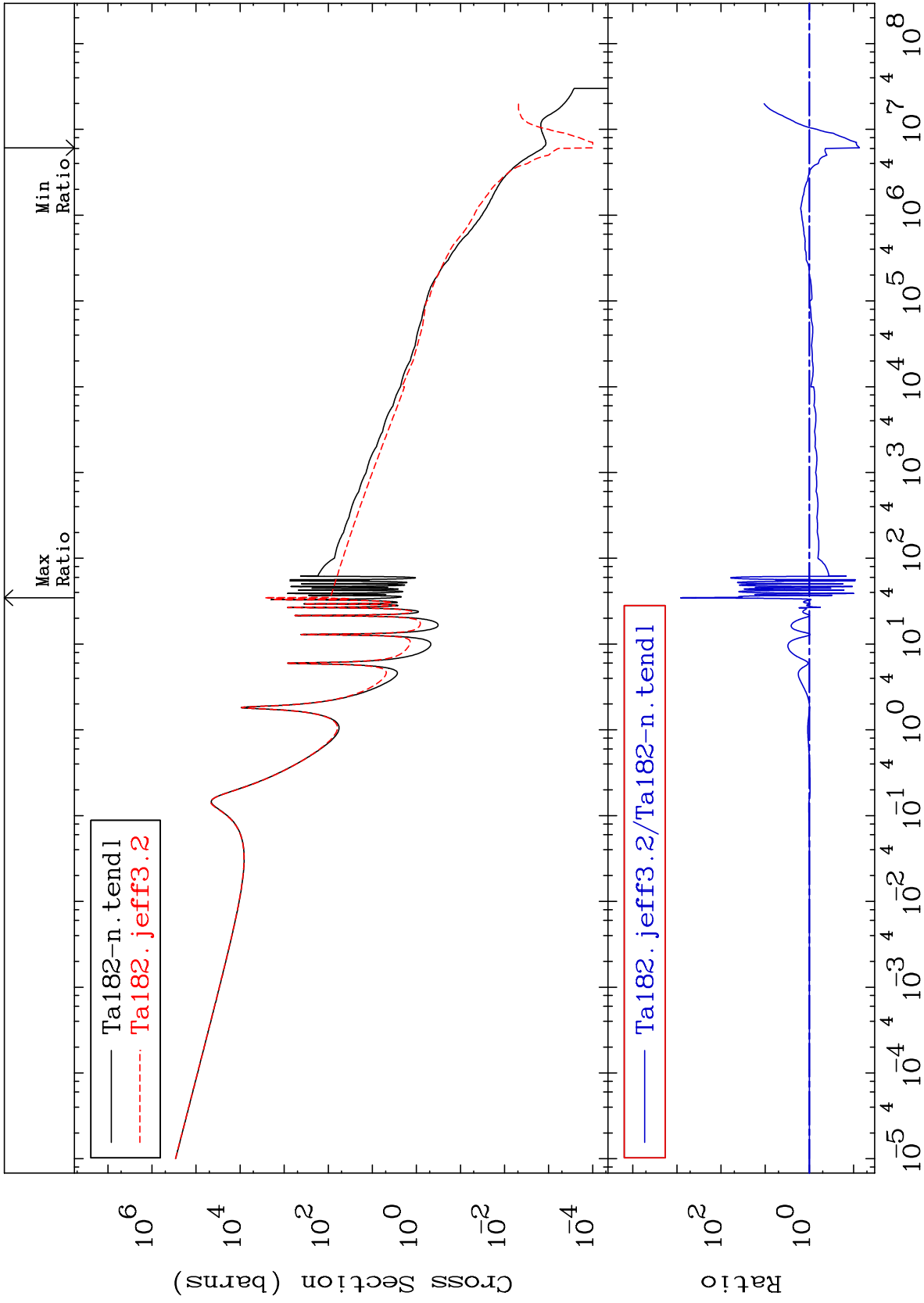
Incident Energy (eV)

⁷³Ta-¹⁸²

MAT 7331

(n, γ)
Cross Section

73-Ta-182
-92.60 To 9999. %



15

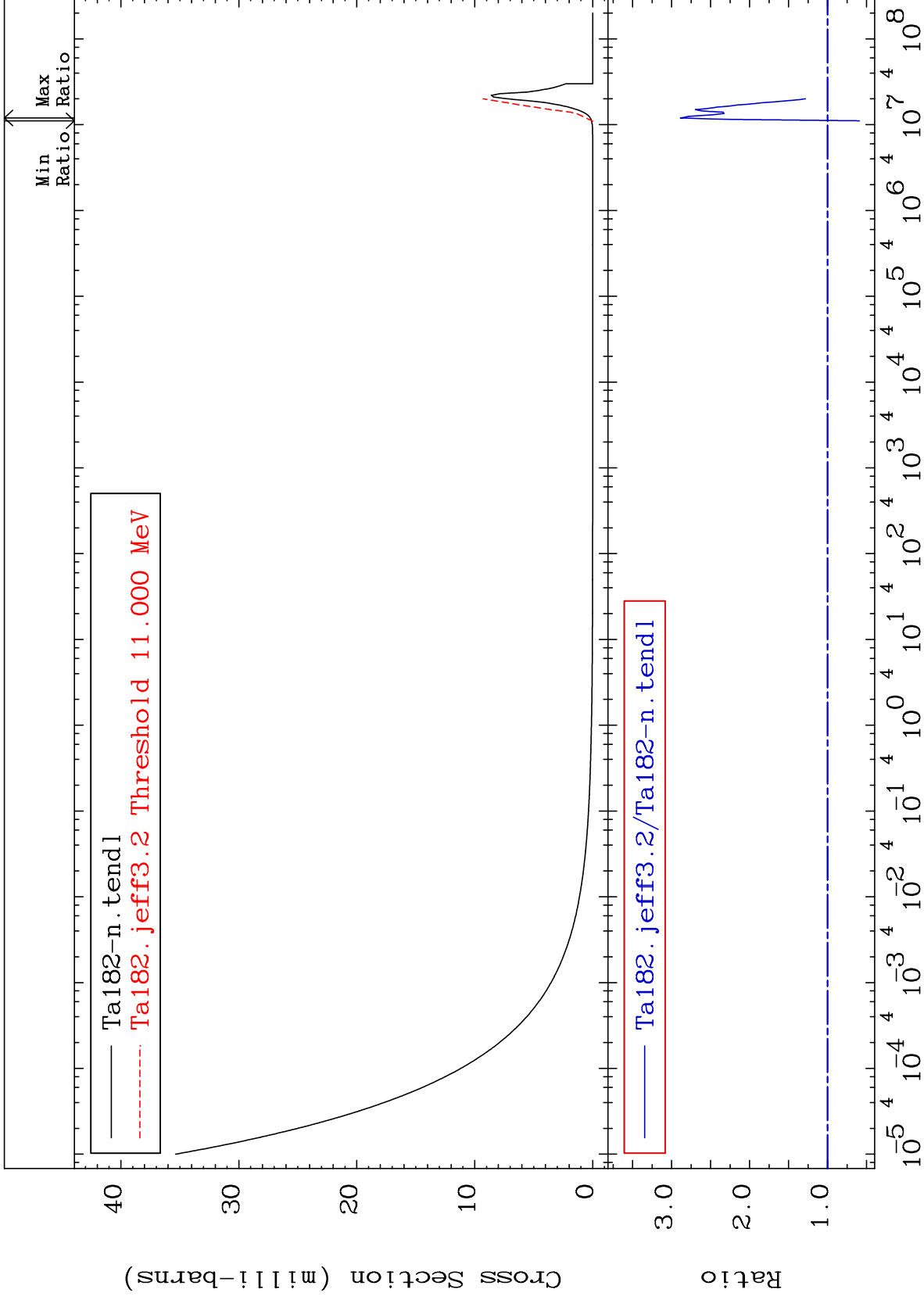
Incident Energy (eV)

73-Ta-182

MAT 7331

(n, α)
Cross Section

73-Ta-182
-40.81 To 188.8 %



16

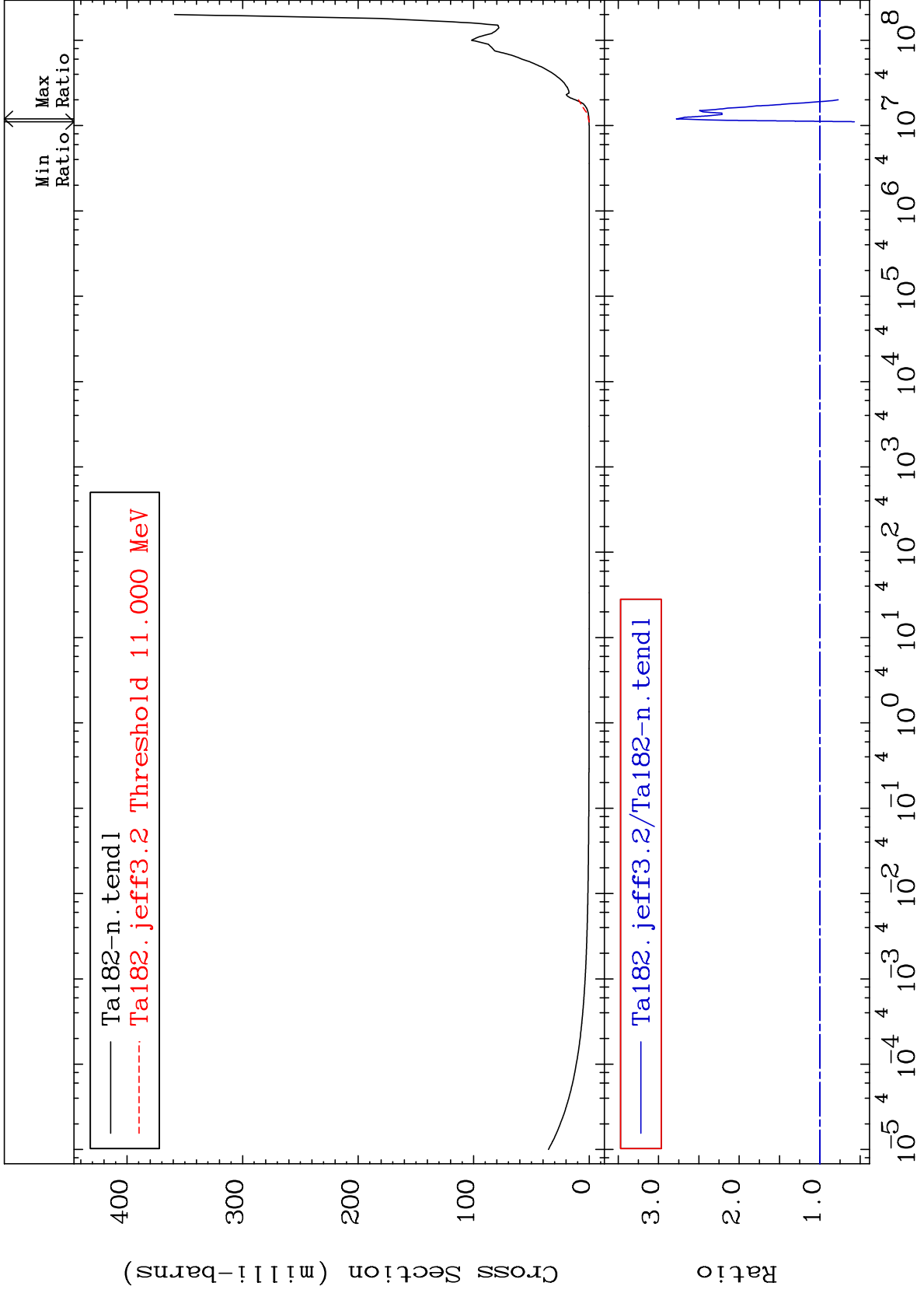
Incident Energy (eV)

73-Ta-182

MAT 7331

He-4 Production
Cross Section

⁷³Ta-¹⁸²
-42.75 To 177.9 %



17

Incident Energy (eV)

⁷³Ta-¹⁸²

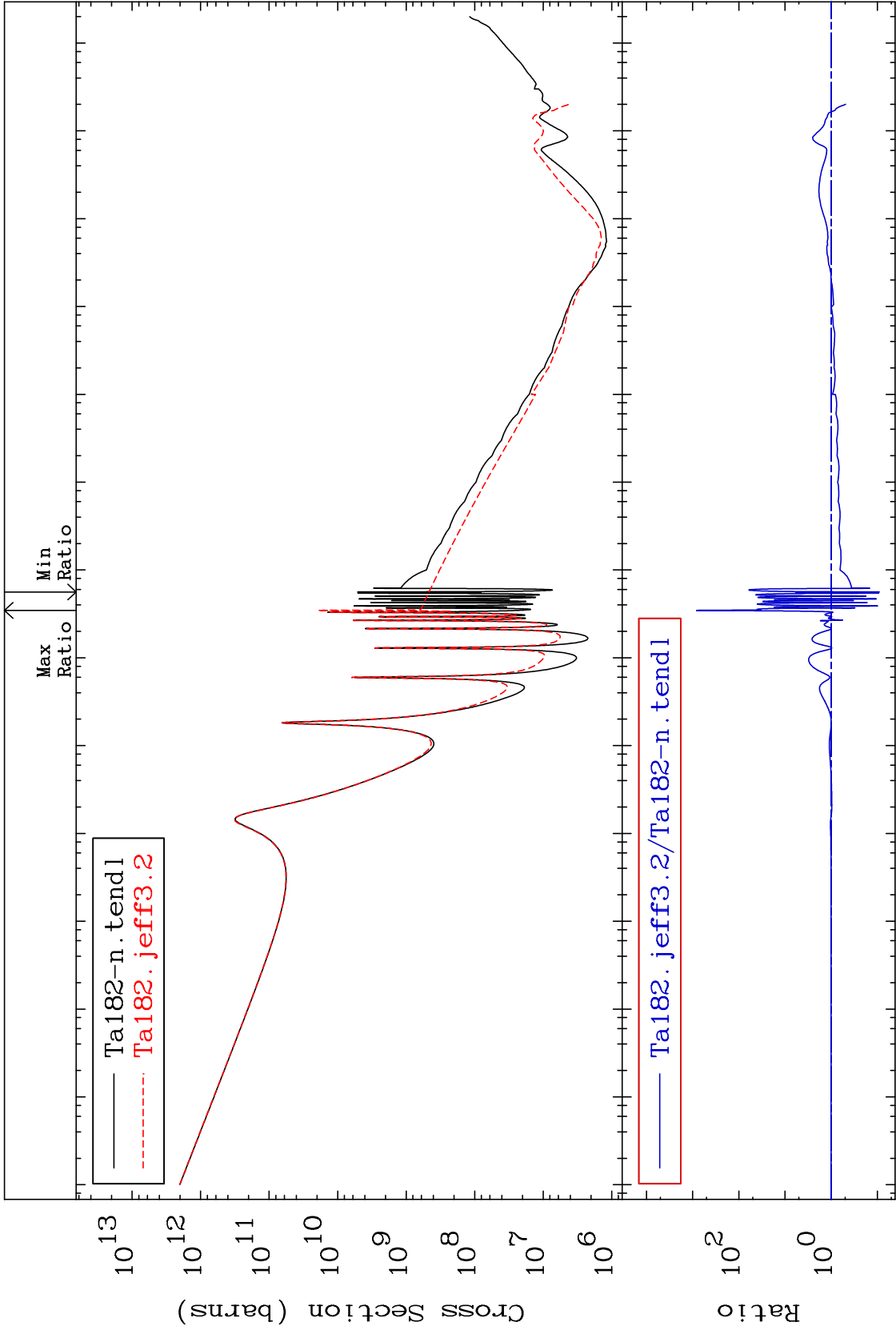
MAT 7331

Kerma total (eV-barns)

⁷³Ta-182

-91.00 To 9999. %

Cross Section



18

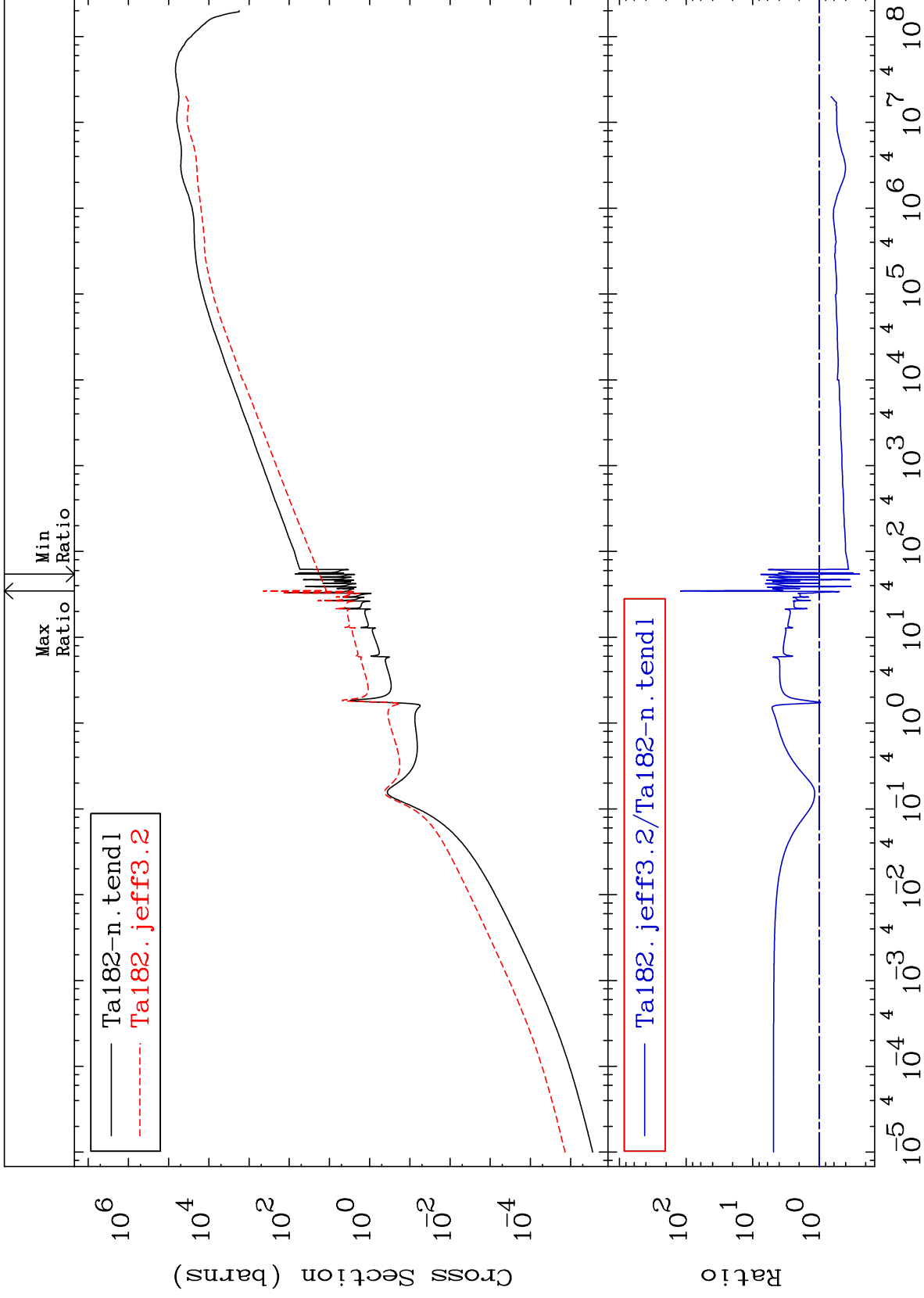
Incident Energy (eV)

⁷³Ta-182

MAT 7331

Kerma elastic
Cross Section

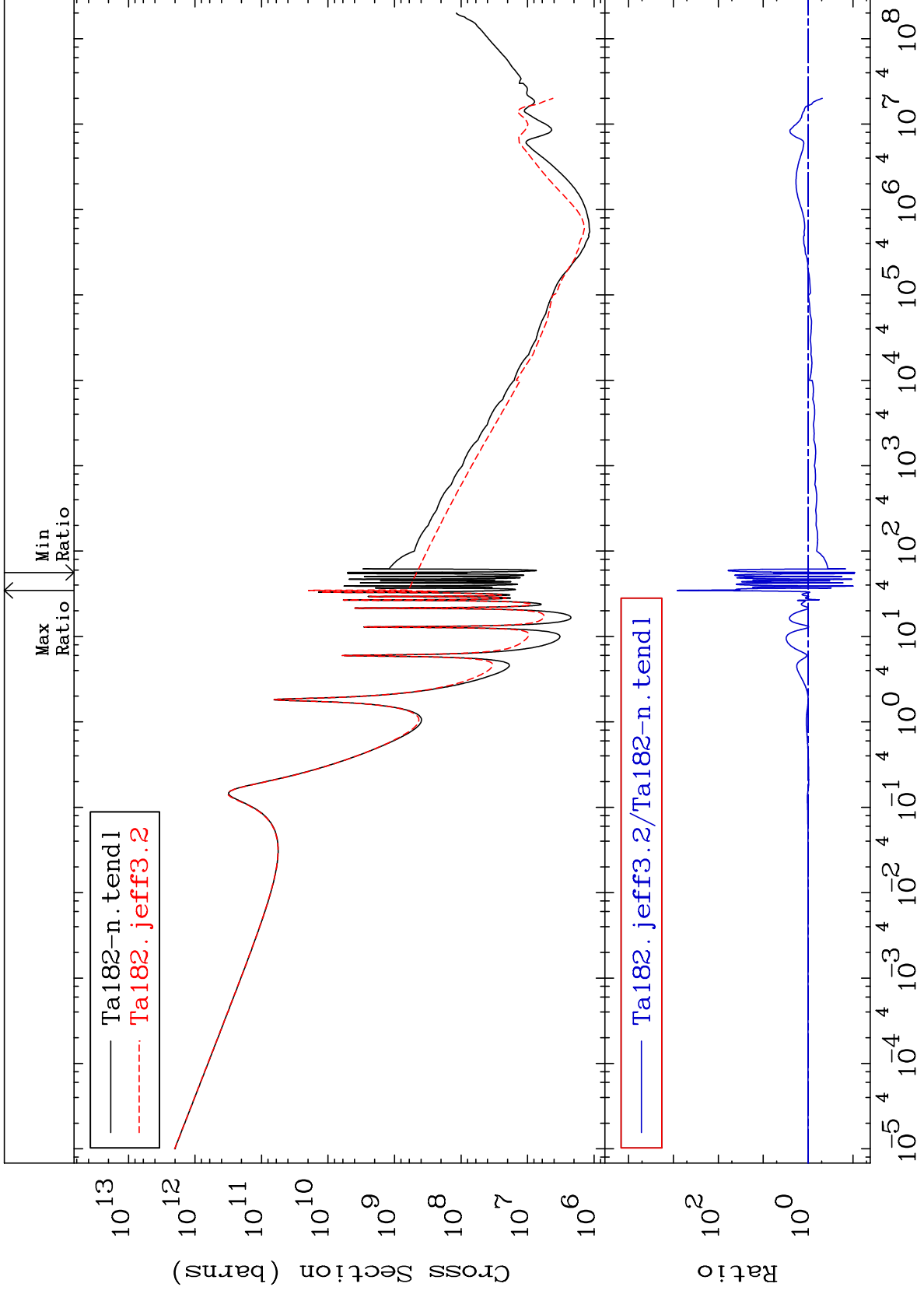
⁷³Ta-¹⁸²Ta
-75.09 To 9999. %



MAT 7331

Kerma non-elastic (all but mt2)
Cross Section

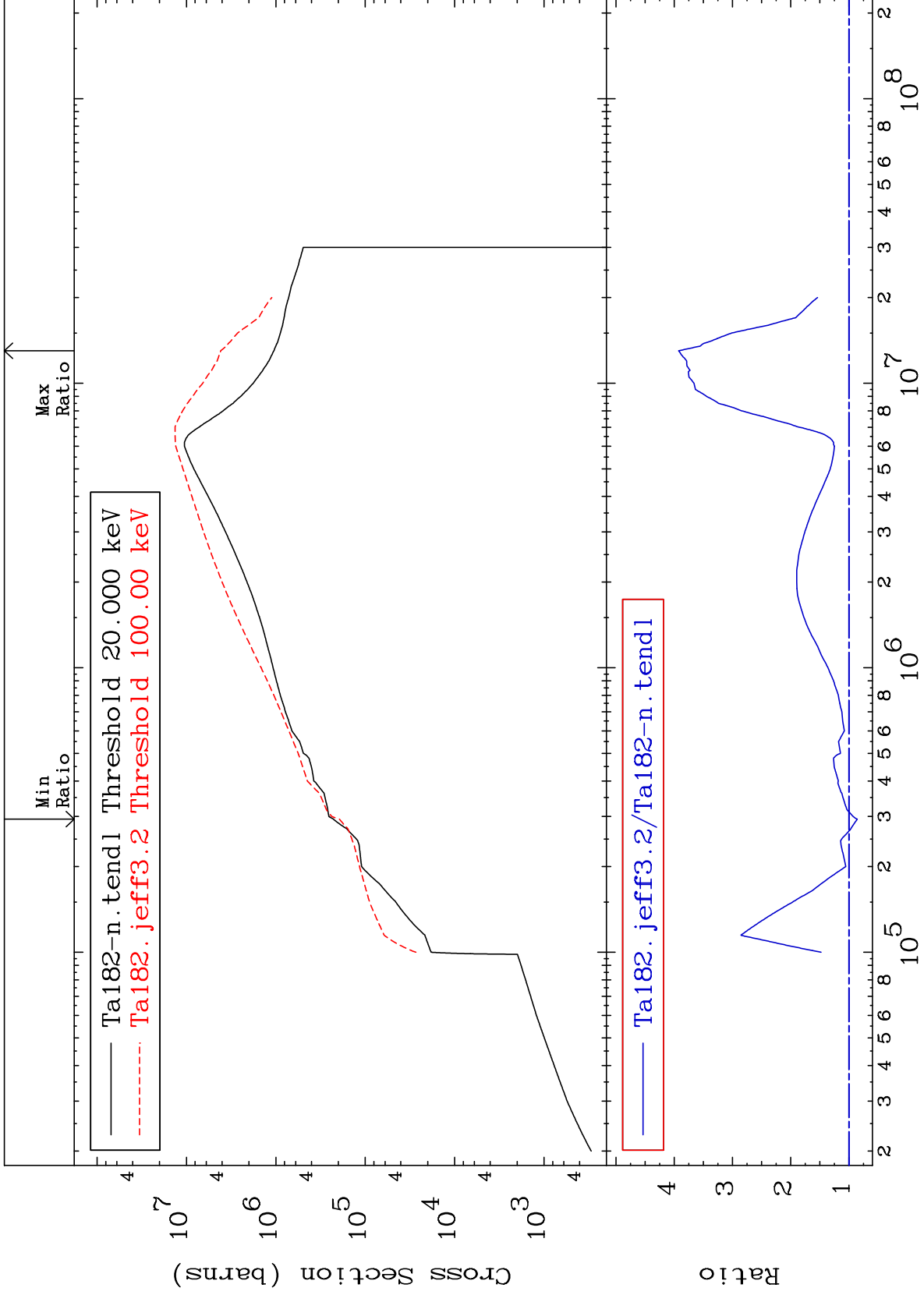
73-Ta-182
-91.00 To 9999. %



MAT 7331

Kerma inelastic (mt51-91)
Cross Section

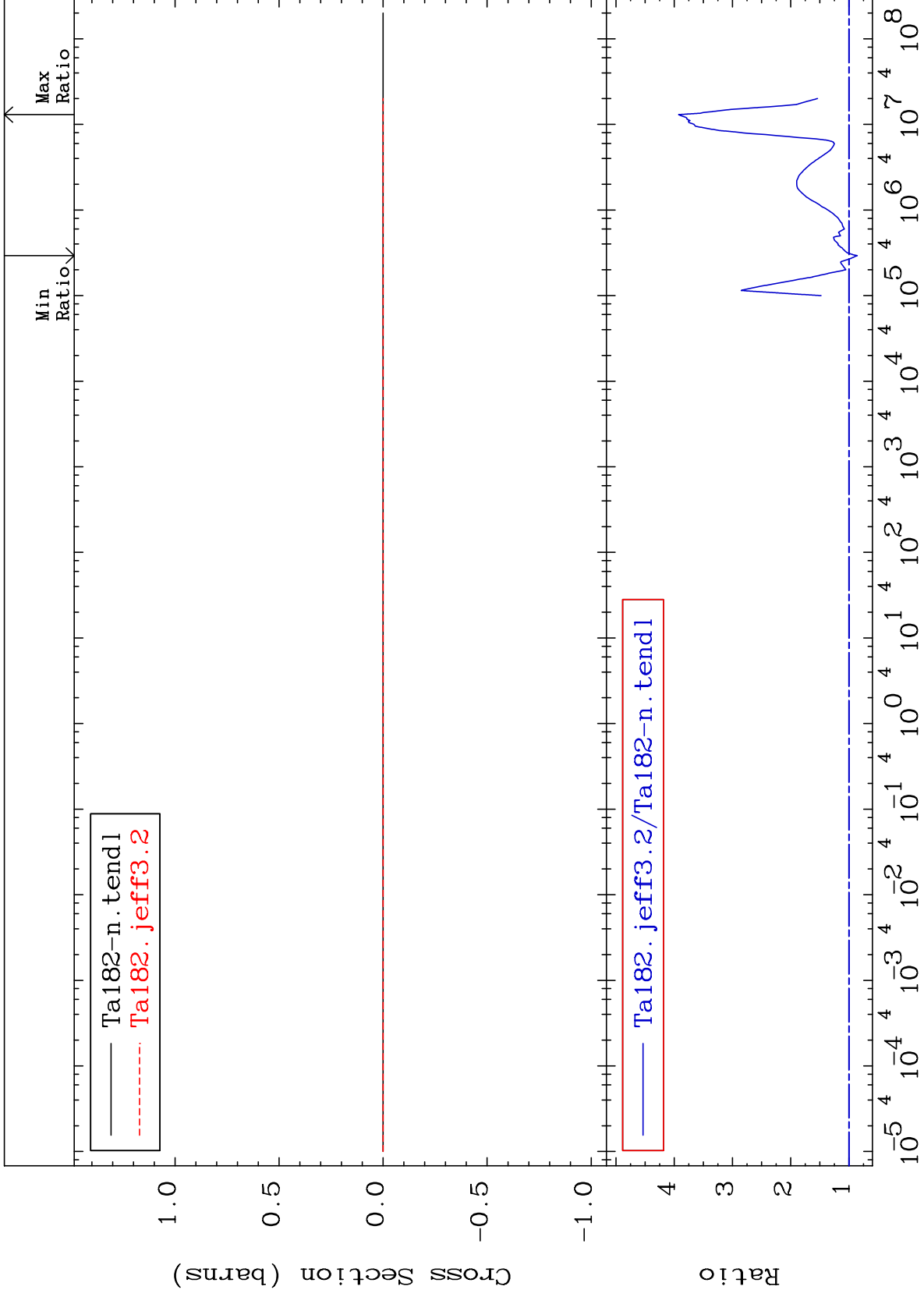
73-Ta-182
-14.27 To 292.5 %



MAT 7331

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

73-Ta-182
-14.27 To 292.5 %



22

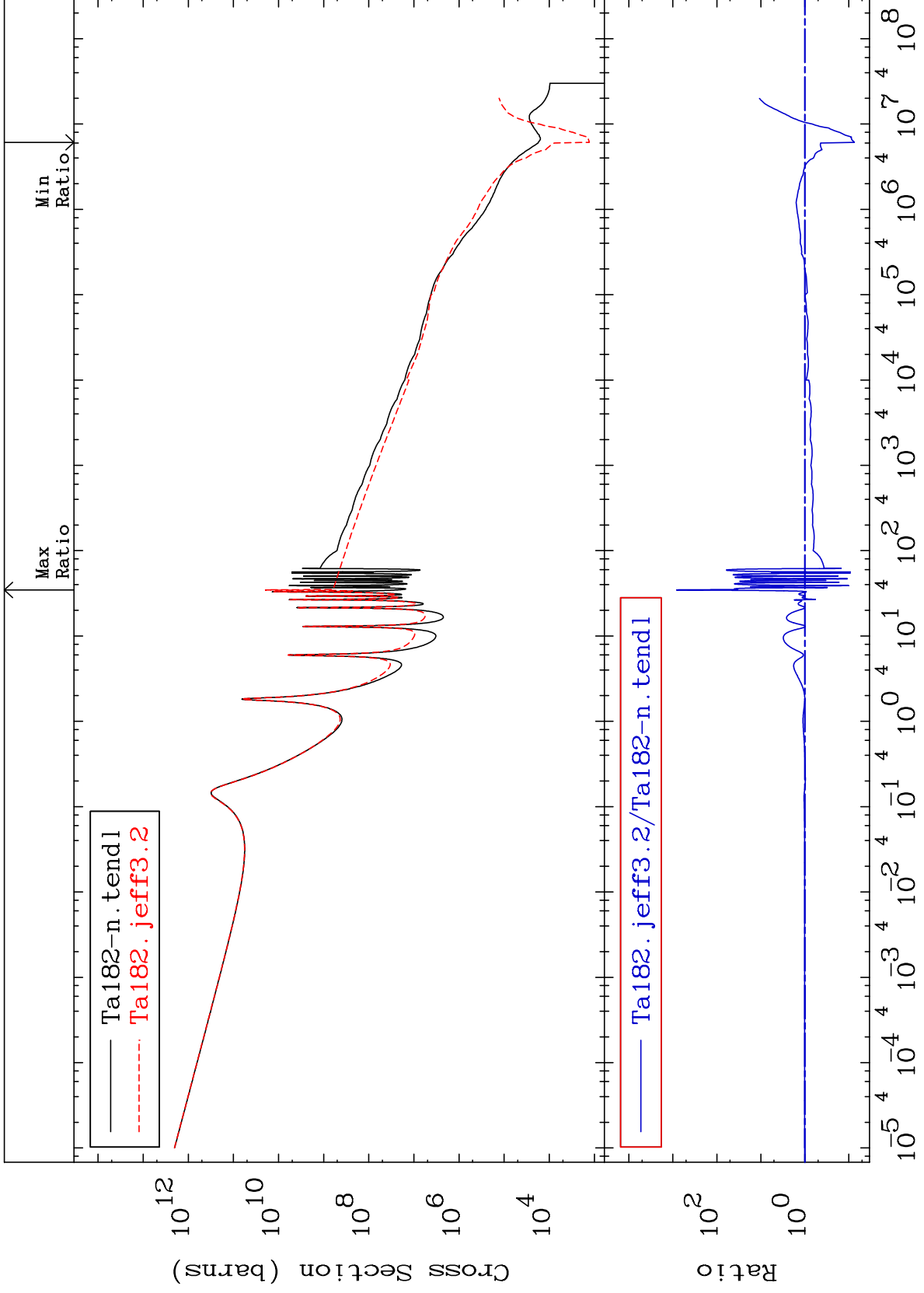
Incident Energy (eV)

73-Ta-182

MAT 7331

Kerma capture (mt102)
Cross Section

73-Ta-182
-92.56 To 9999. %



23

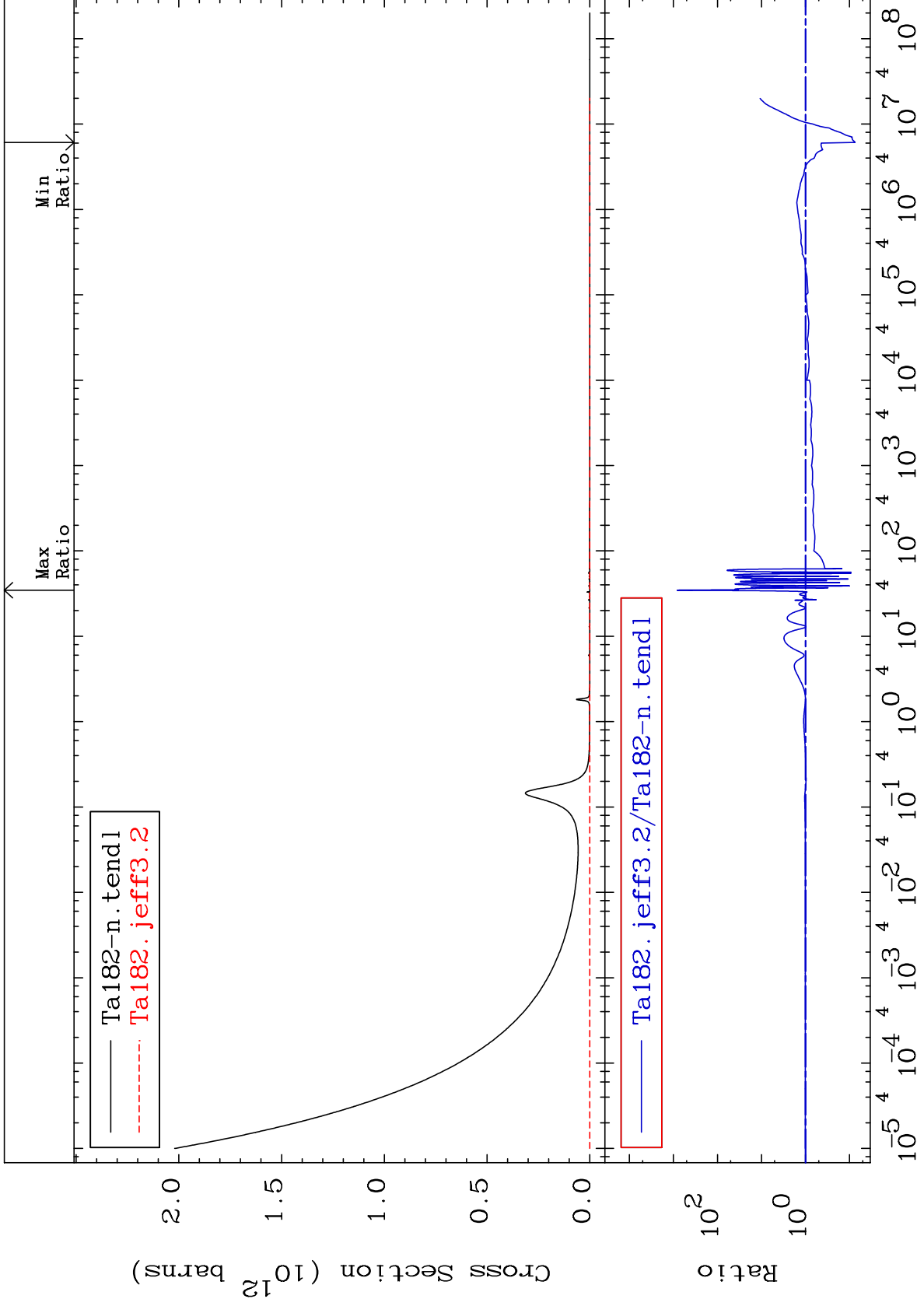
Incident Energy (eV)

73-Ta-182

MAT 7331

Total photon (eV-barns)
Cross Section

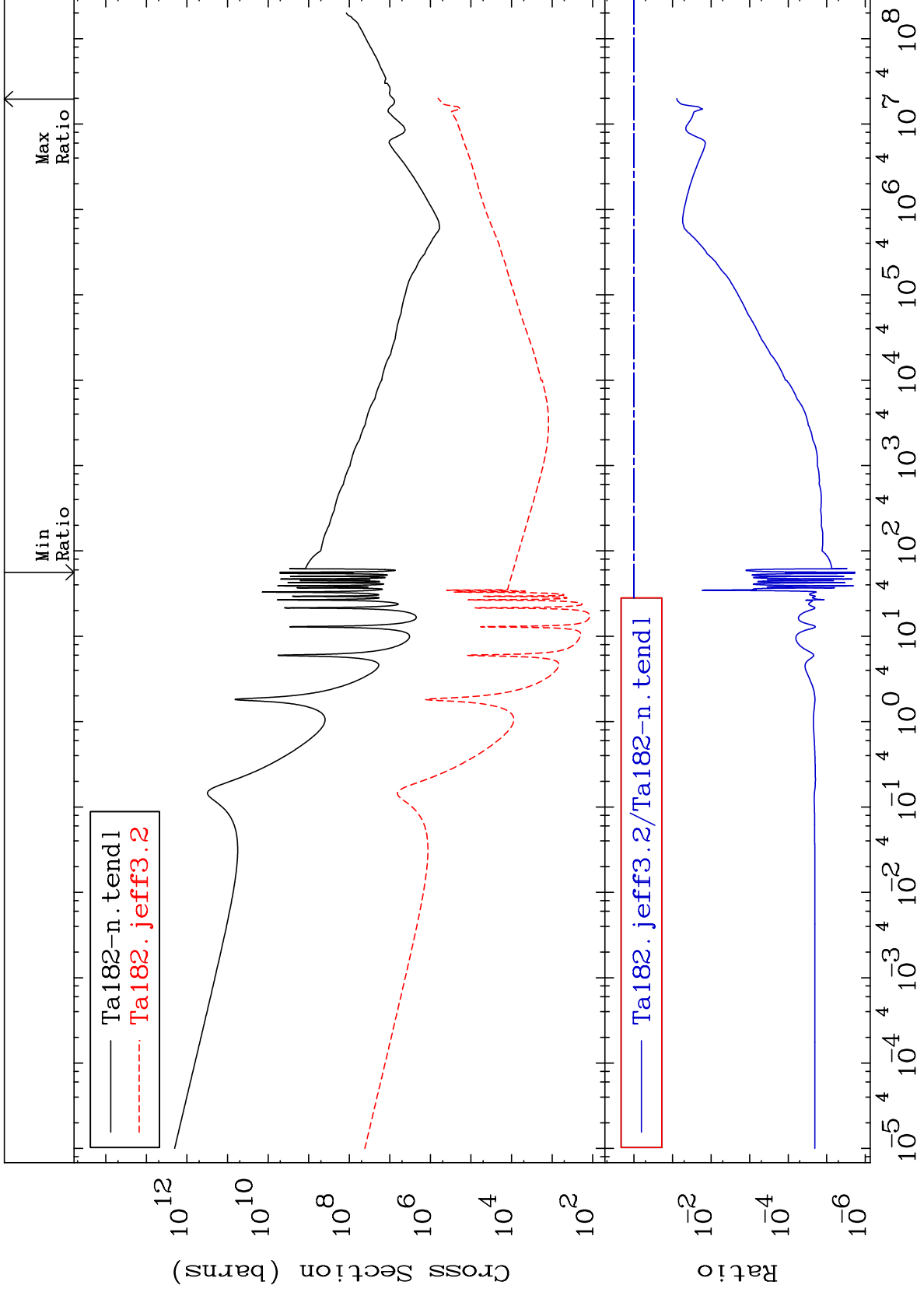
73-Ta-182
-92.56 To 9999. %



MAT 7331

Total kinematic kerma (high limit)
Cross Section

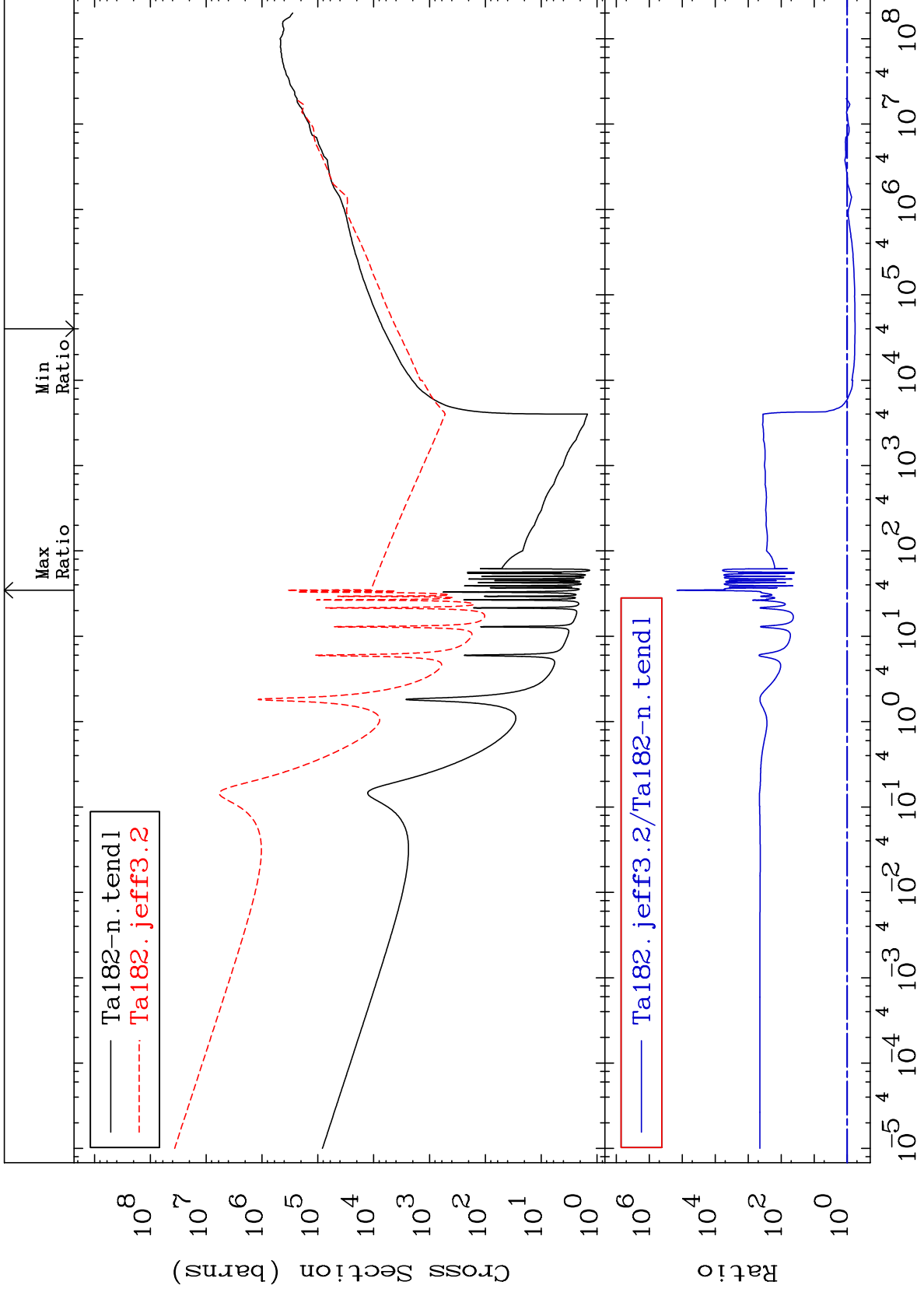
73-Ta-182
-100.0 To -92.30%

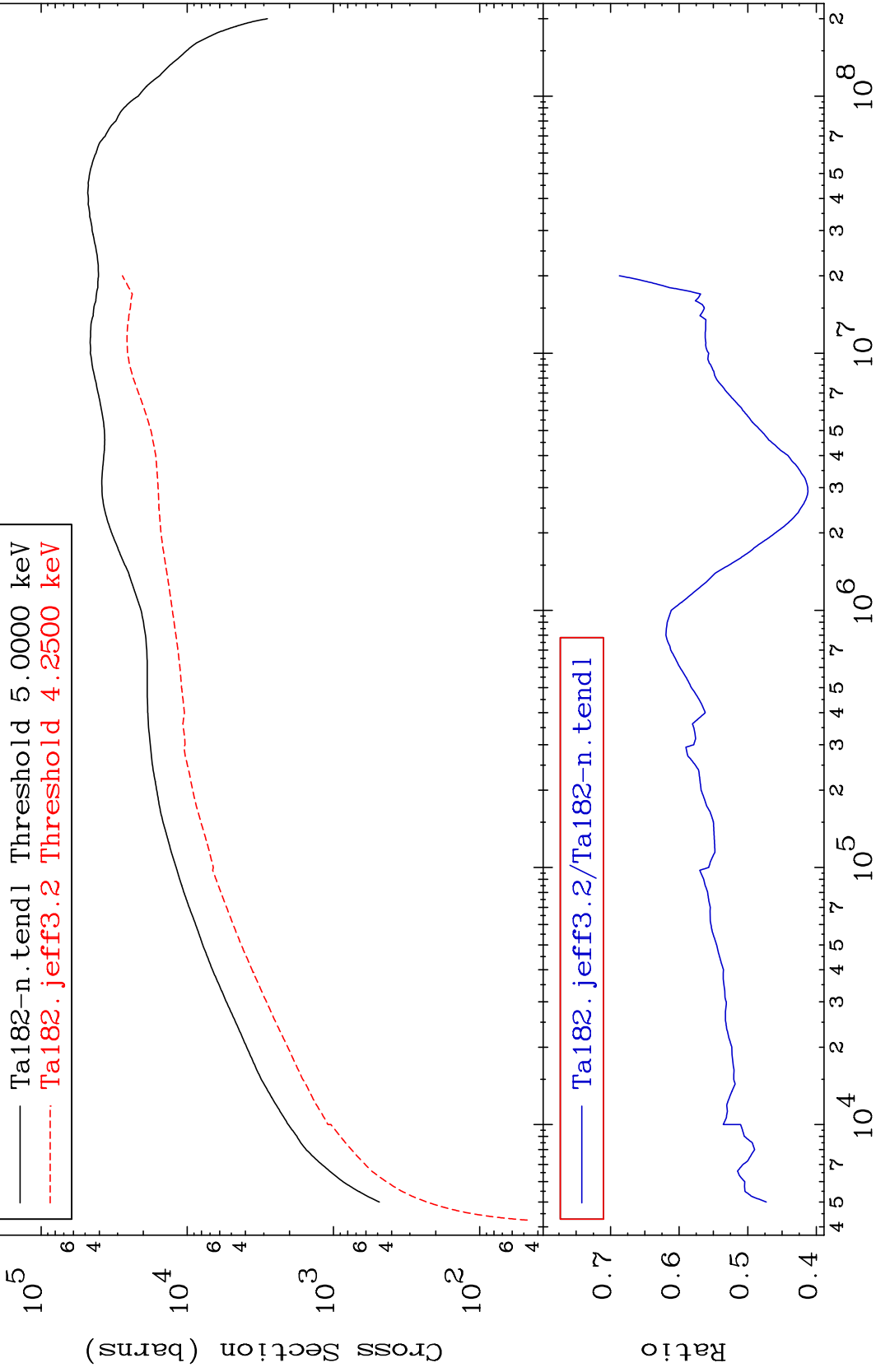


MAT 7331

Dpa total (eV-barns)
Cross Section

73-Ta-182
-42.70 To 9999. %

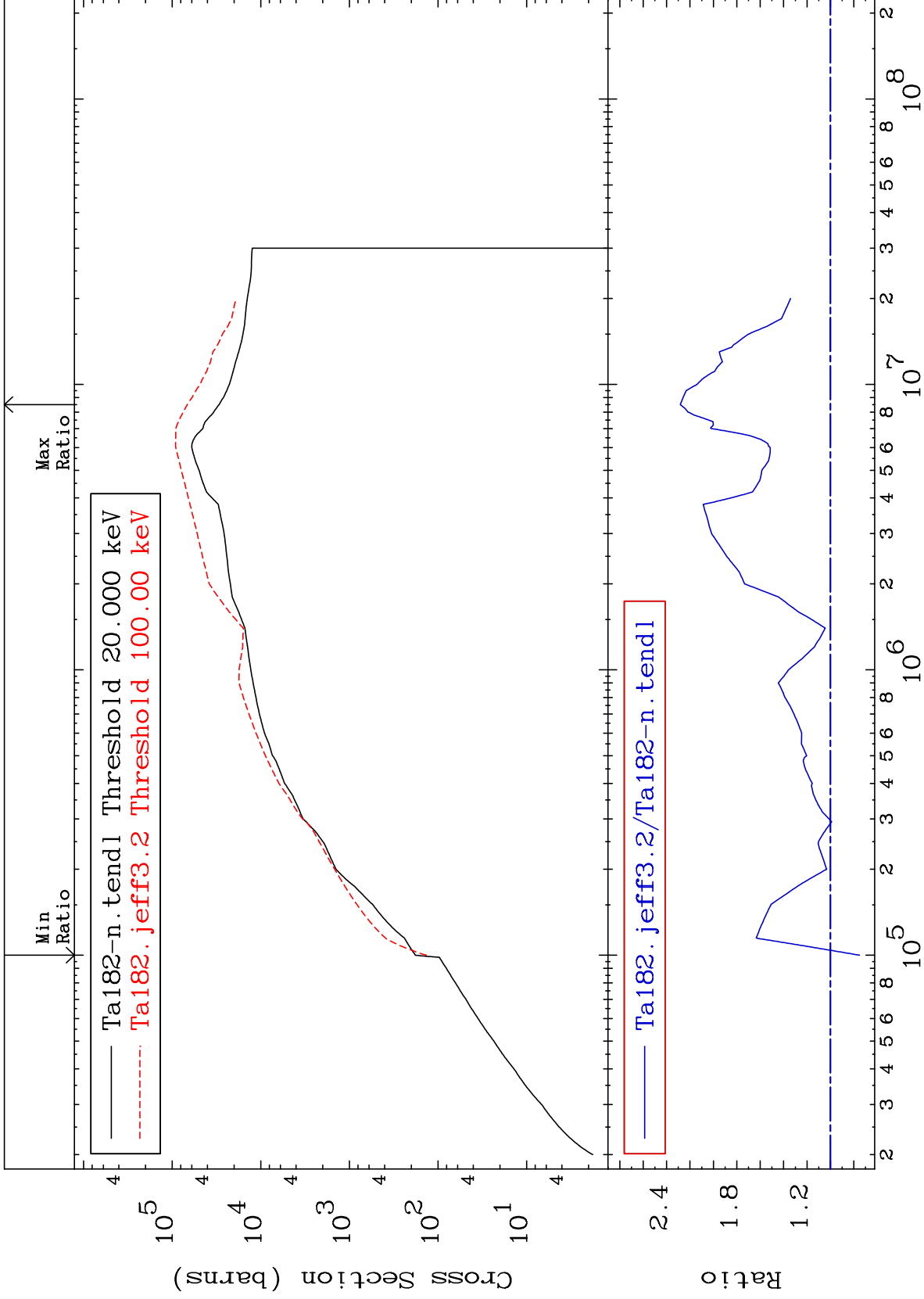




MAT 7331

Dpa inelastic (mt51-91)
Cross Section

73-Ta-182
-24.76 To 128.2 %



MAT 7331

Dpa disappearance (mt102 -120)
Cross Section

73-Ta-182
-65.28 To 9999. %

