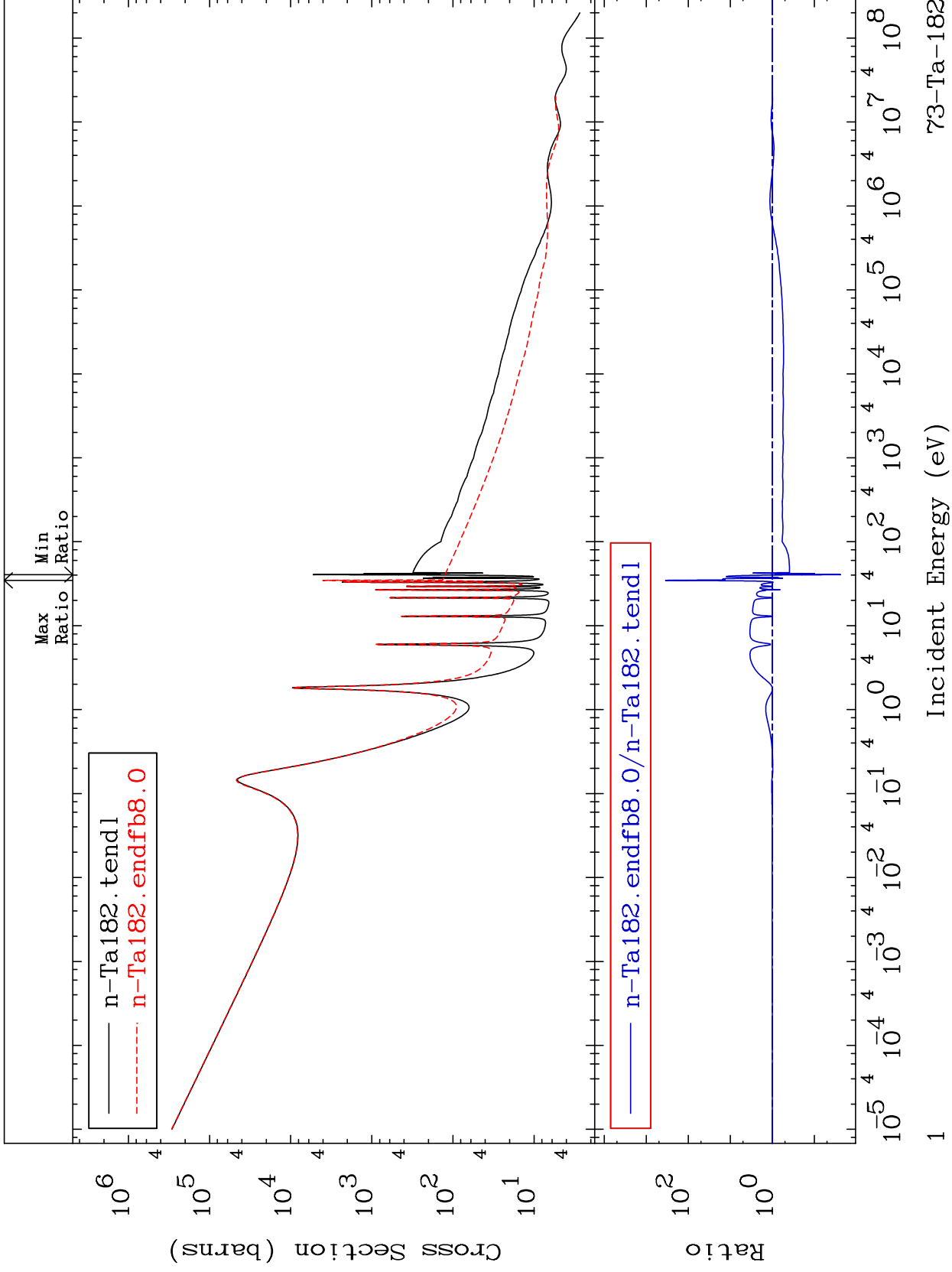


MAT 7331

Total  
Cross Section

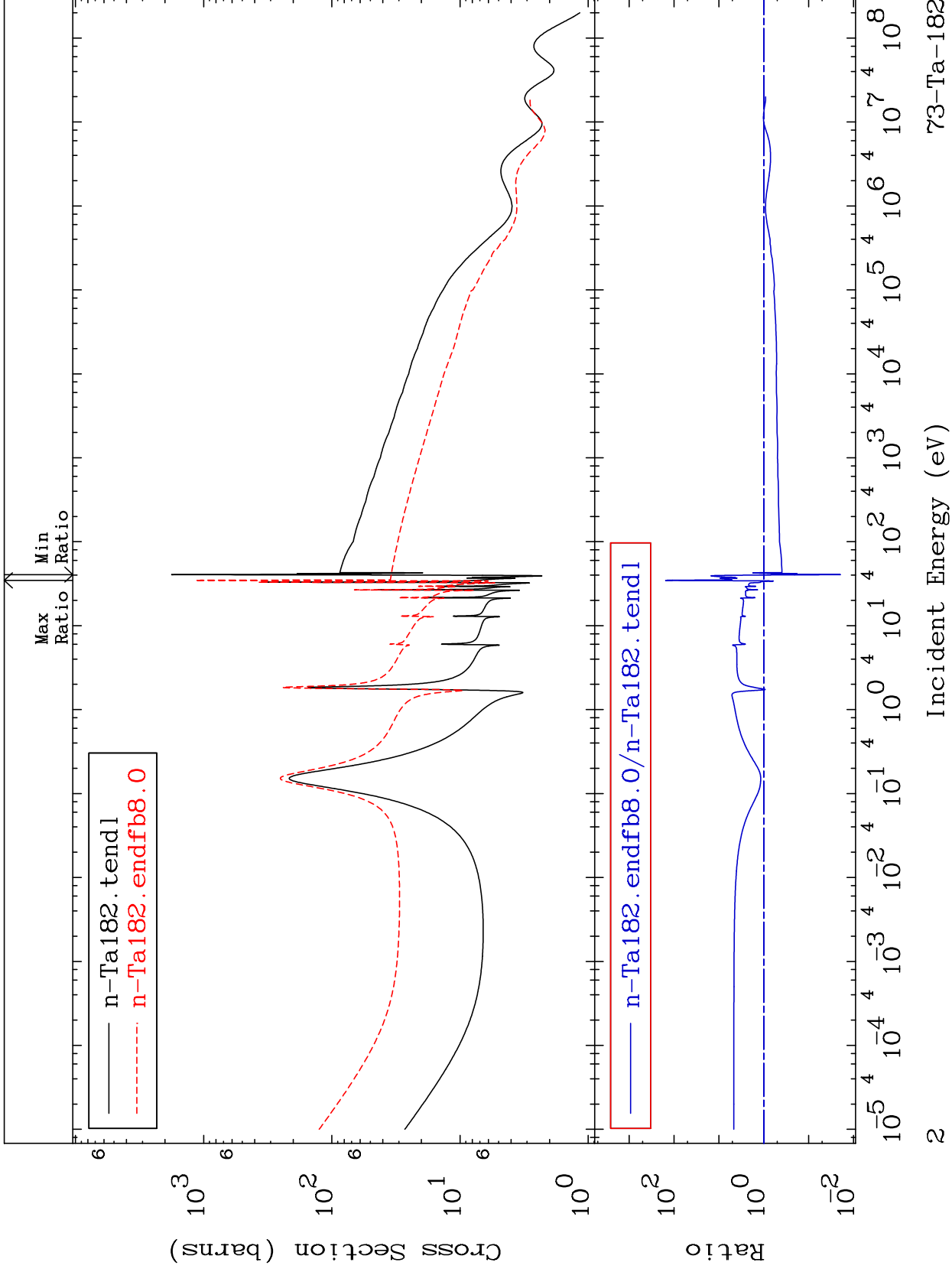
73-Ta-182  
-97.63 To 9999. %



MAT 7331

Elastic  
Cross Section

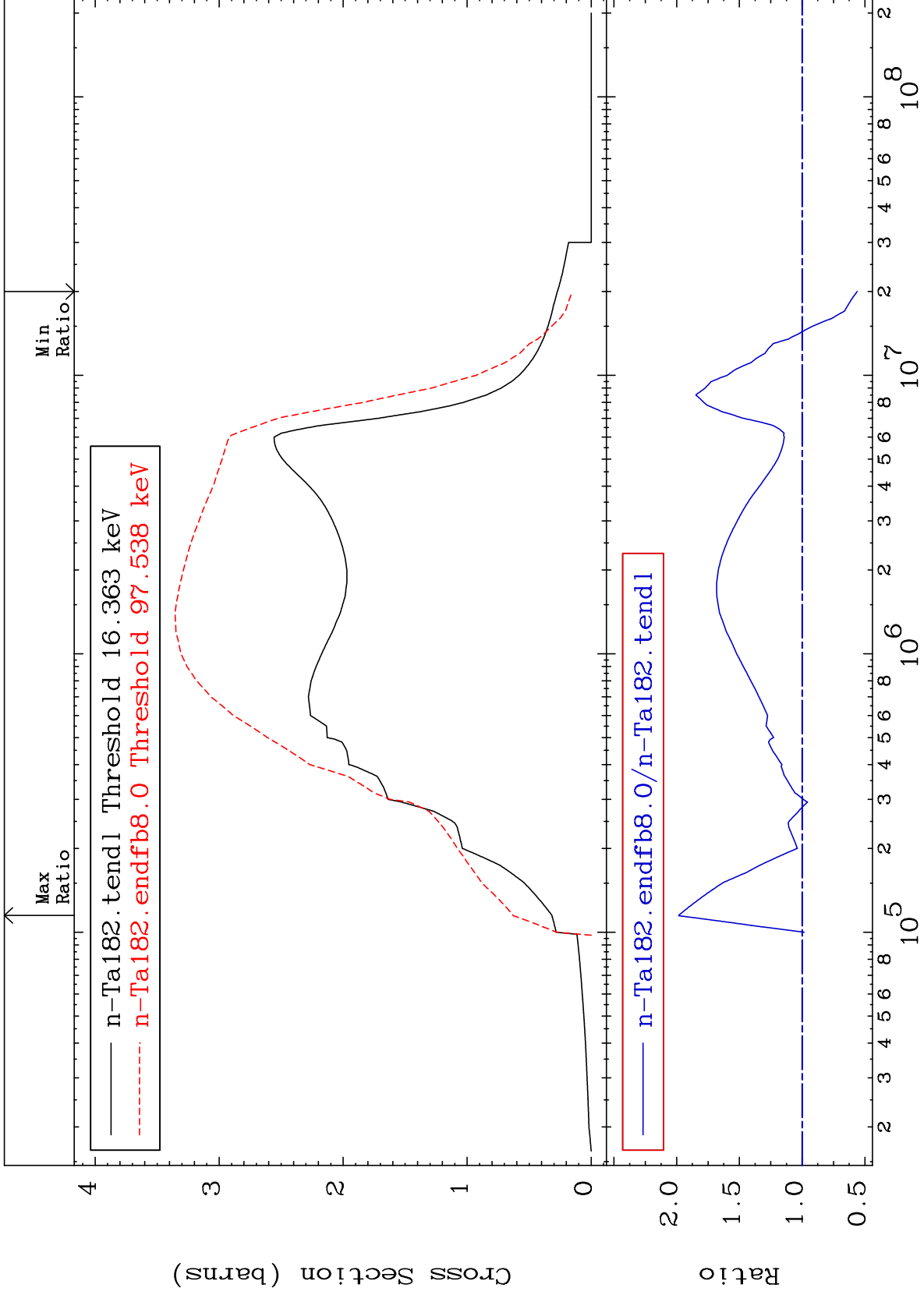
73-Ta-182  
-98.06 To 9999. %



MAT 7331

Inelastic  
Cross Section

73-Ta-182  
-43.95 To 98.46 %



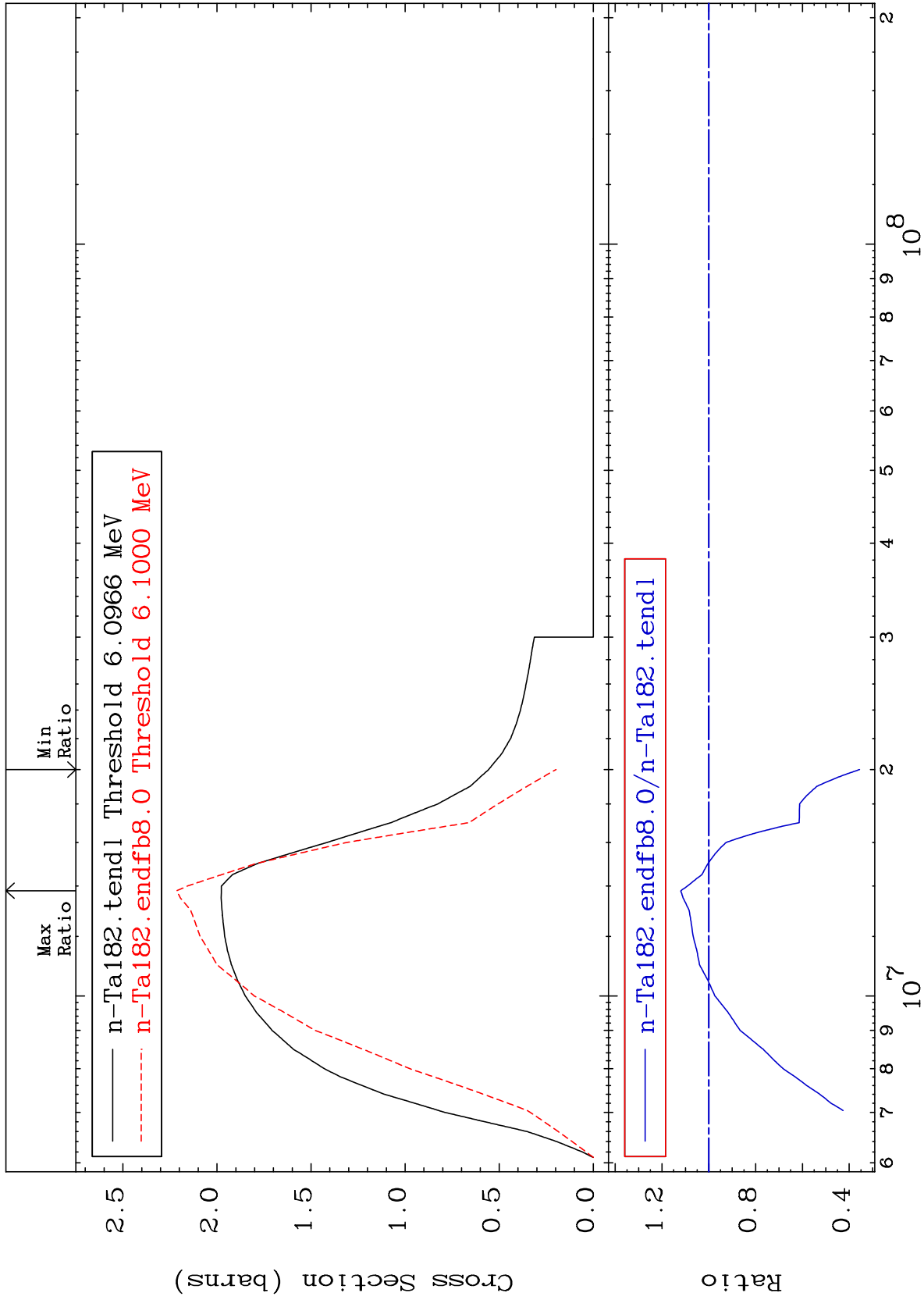
MAT 7331

(n,2n)

<sup>73</sup>Ta-182

Cross Section

-64.41 To 11.99 %



4

Incident Energy (eV)

<sup>73</sup>Ta-182

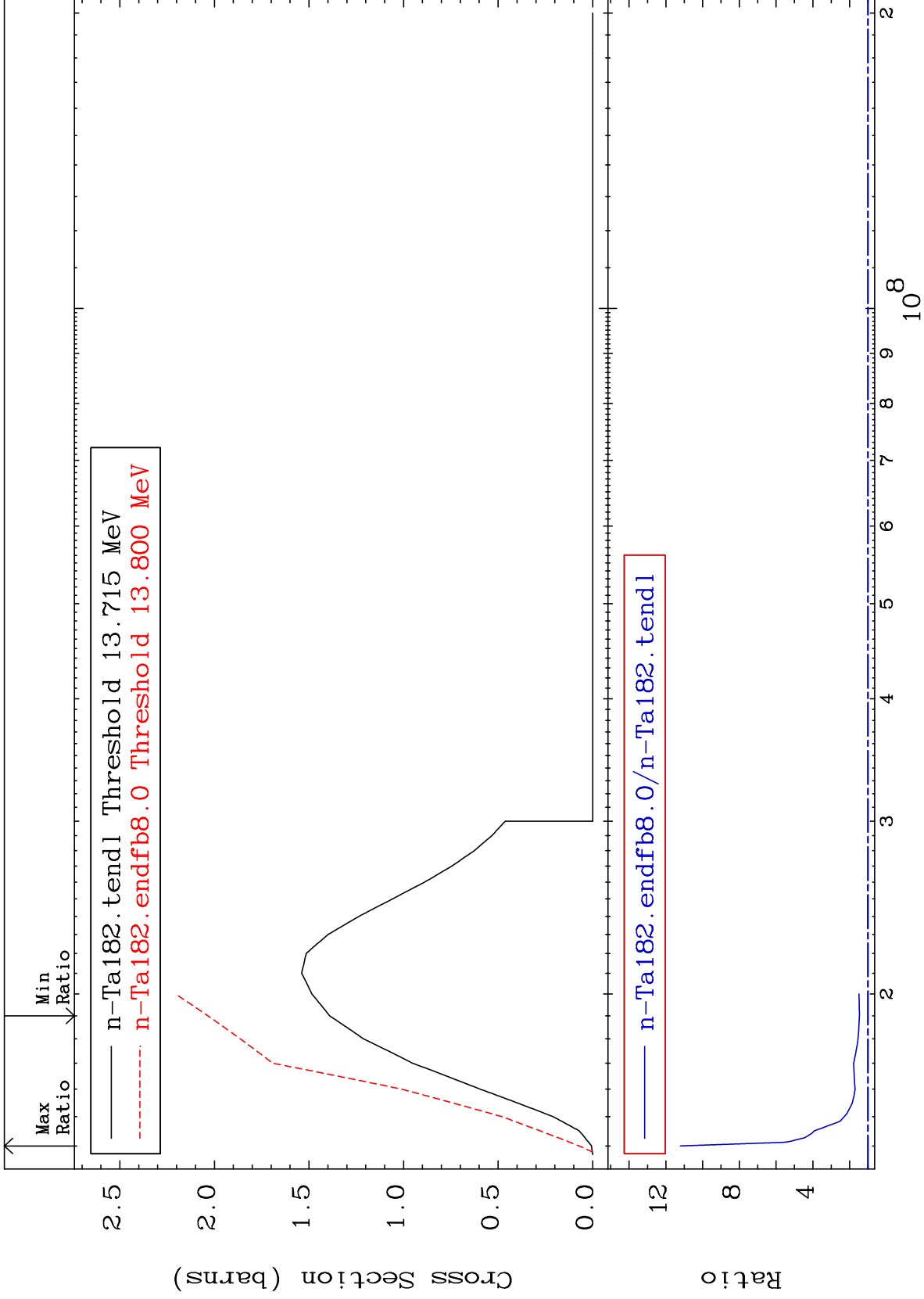
MAT 7331

(n,3n)

<sup>73</sup>Ta-182

Cross Section

46.30 To 1021. %



5

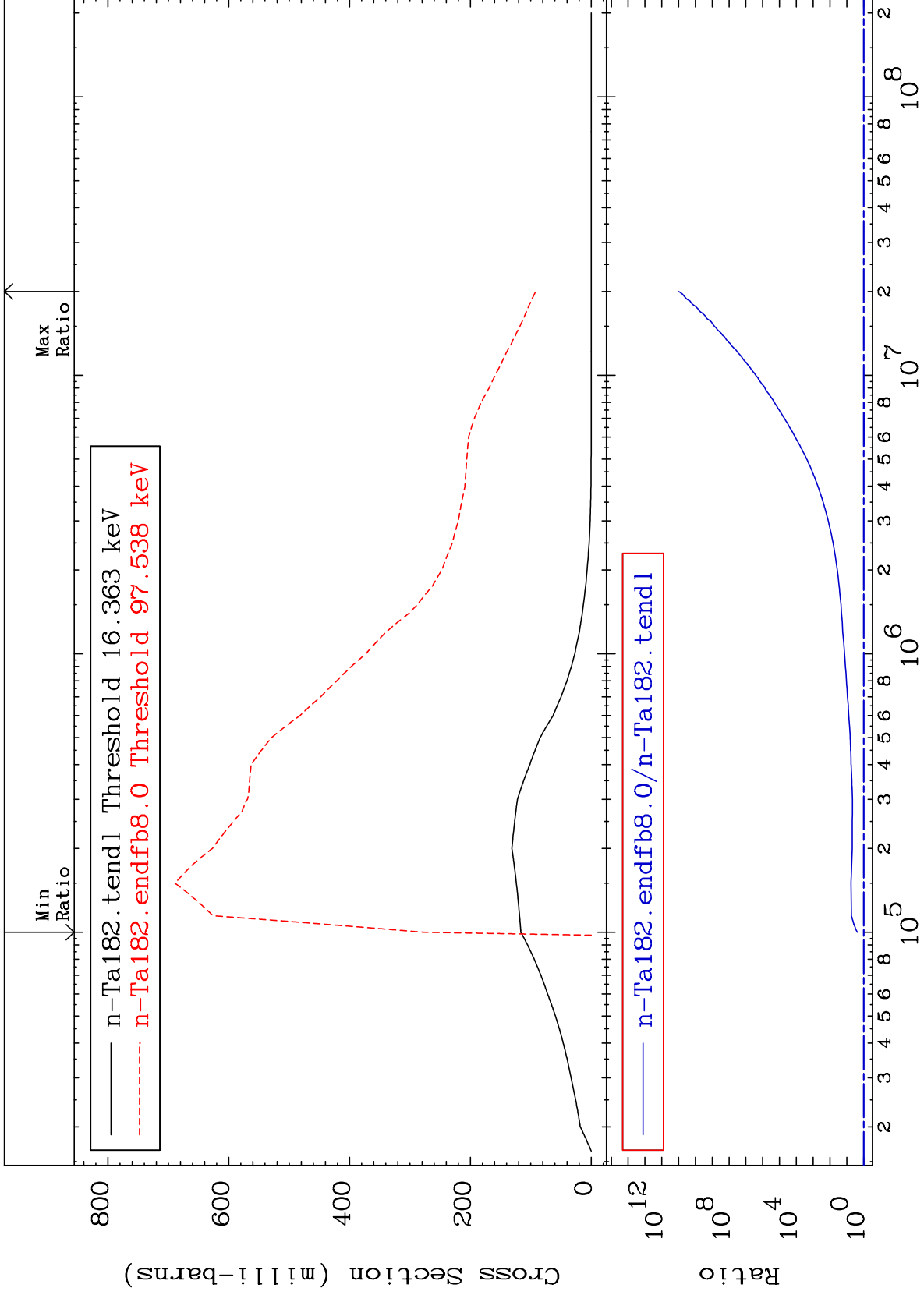
Incident Energy (eV)

<sup>73</sup>Ta-182

MAT 7331

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

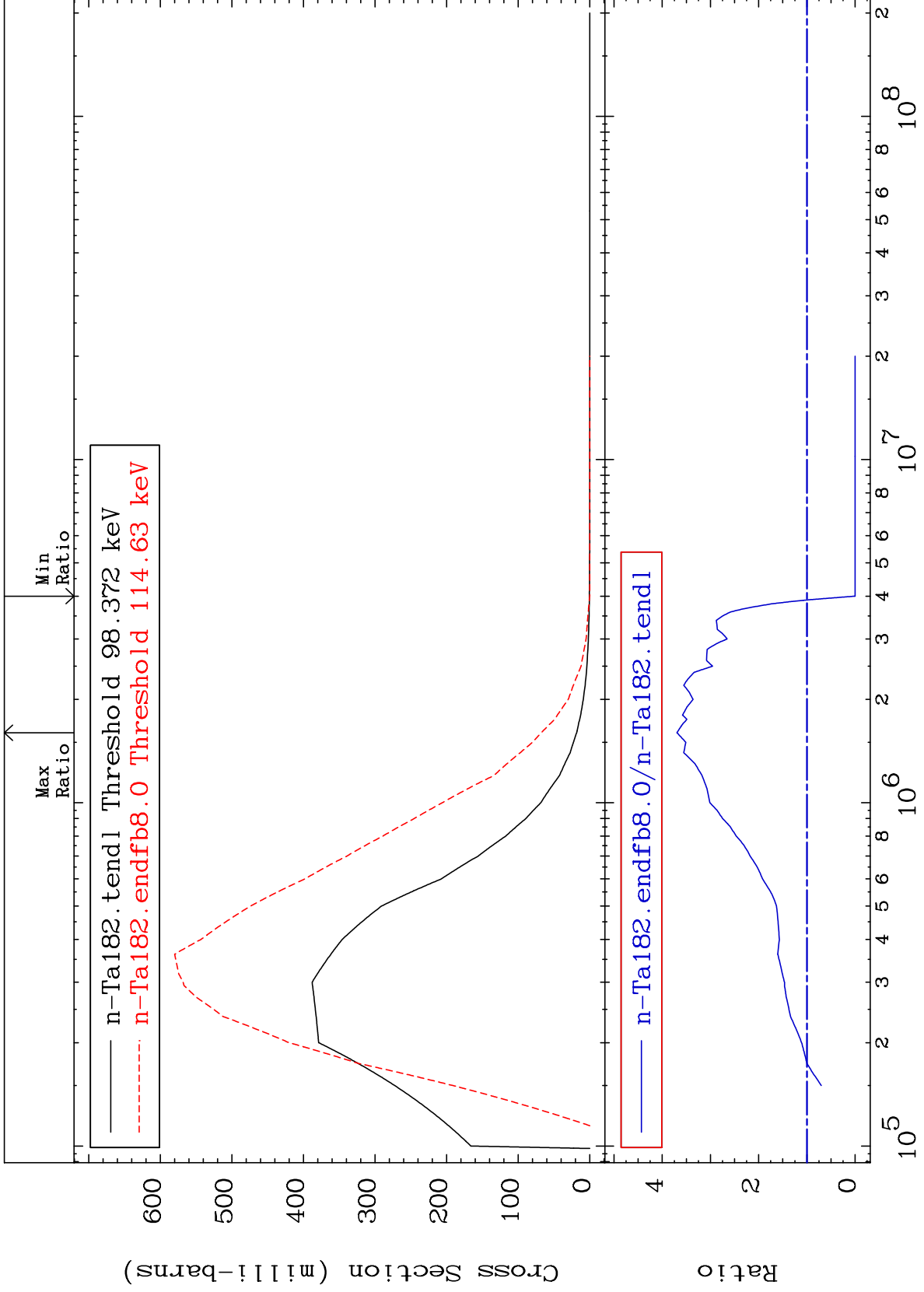
73-Ta-182  
138.7 To 9999. %



MAT 7331

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

<sup>73</sup>Ta-<sup>182</sup>  
-100.0 To 269.5 %

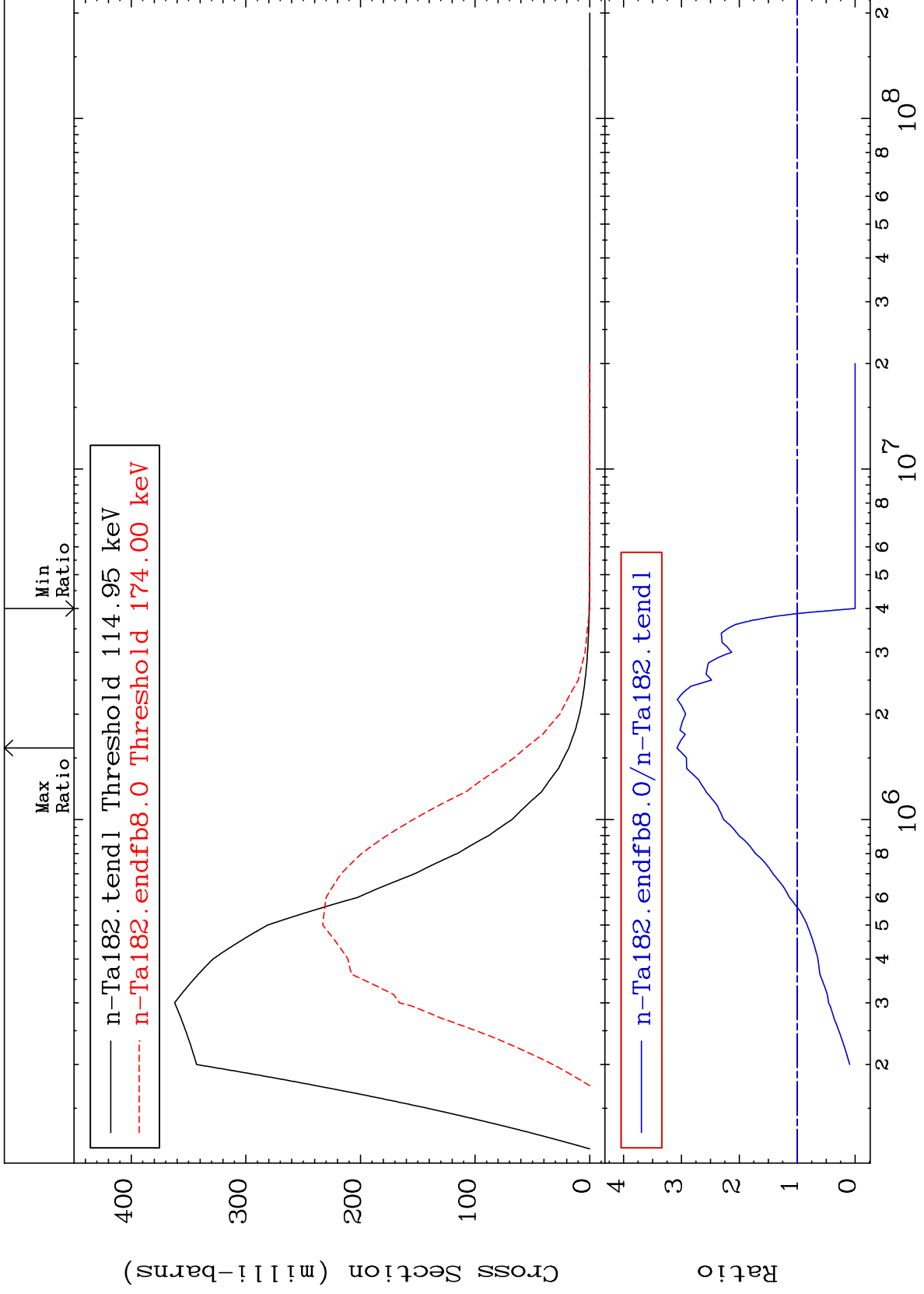


<sup>73</sup>Ta-<sup>182</sup>

MAT 7331

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

<sup>73</sup>Ta-<sup>182</sup>  
-100.0 To 207.9 %

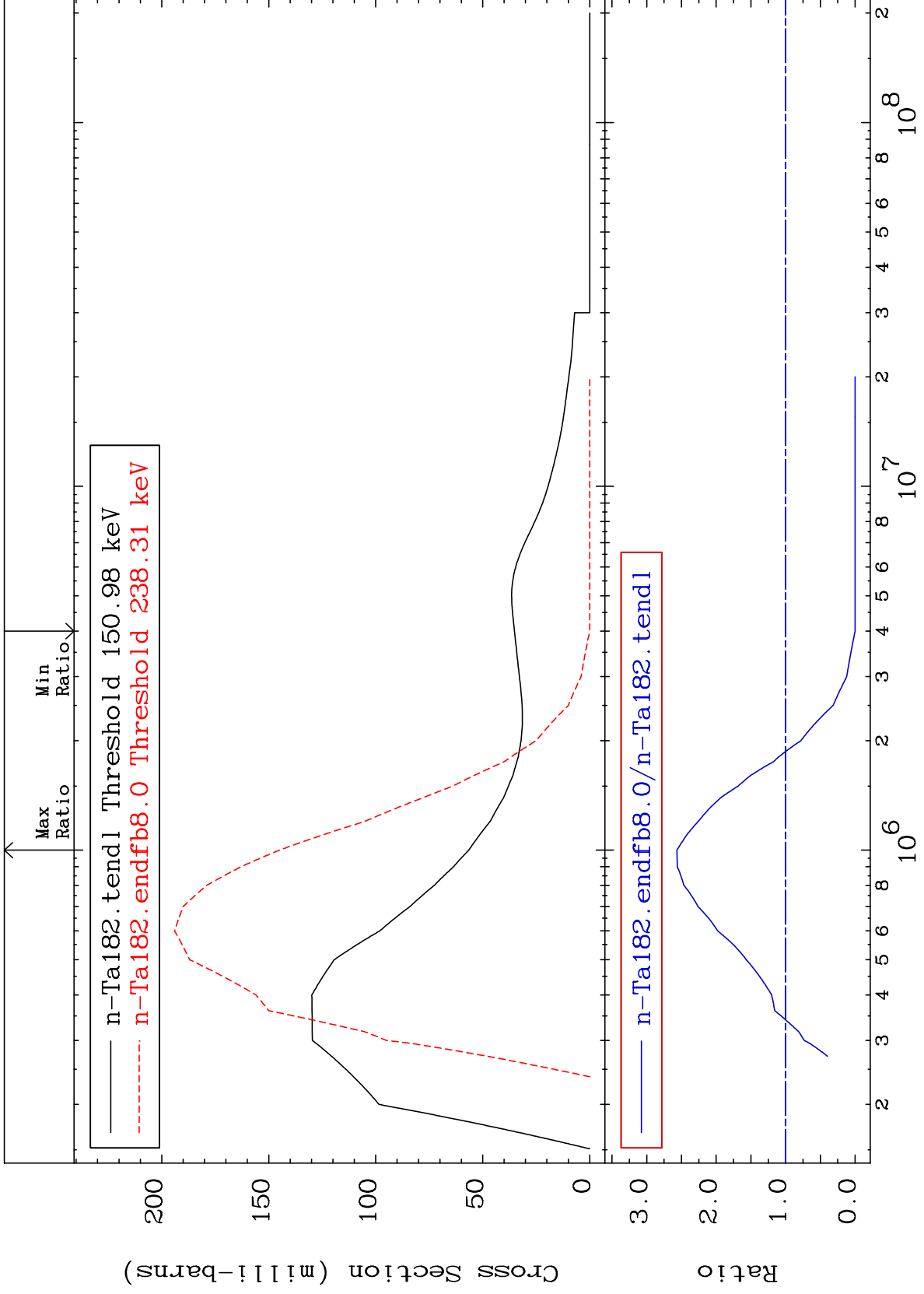




MAT 7331

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

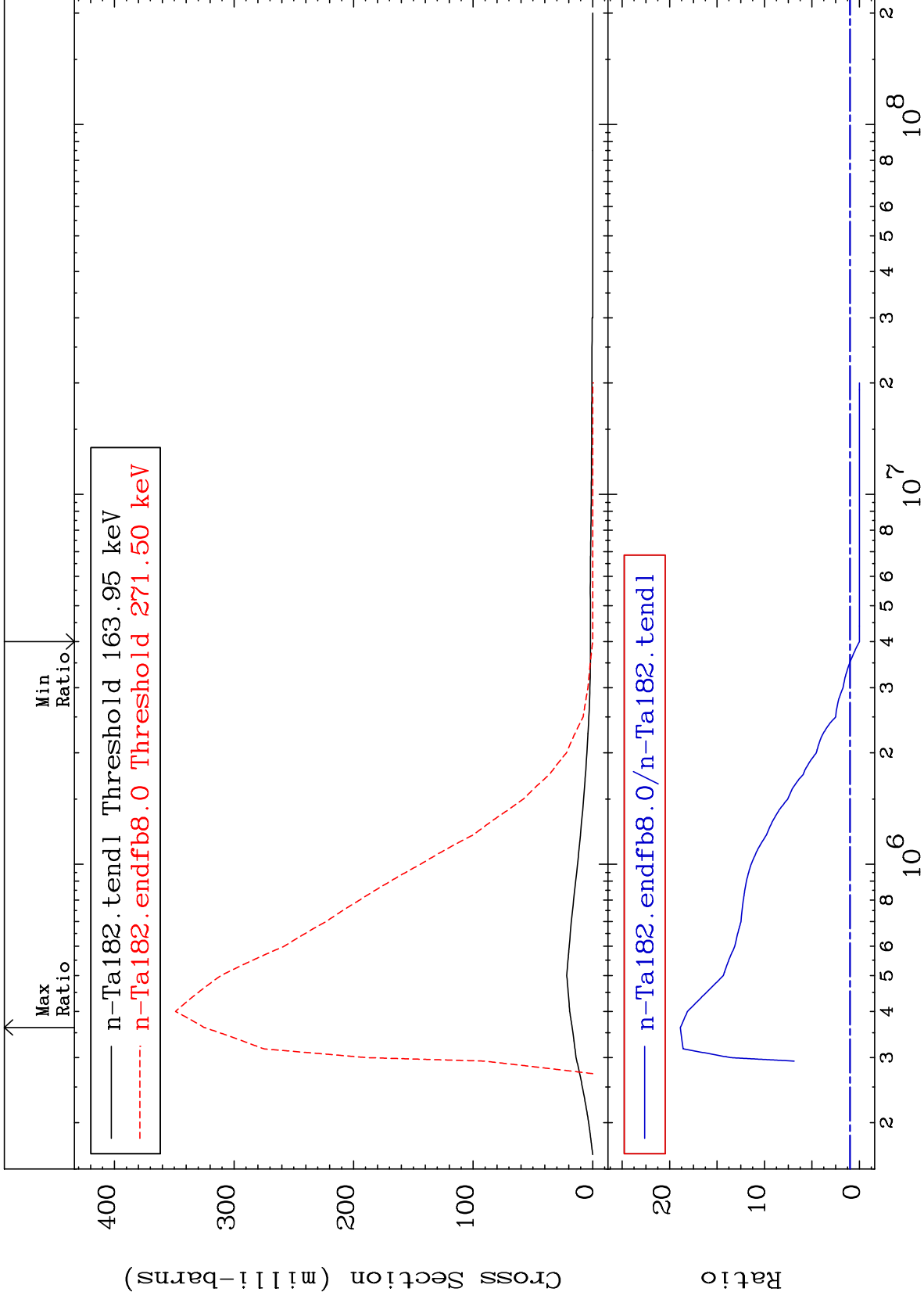
73-Ta-182  
-100.0 To 156.5 %



MAT 7331

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

<sup>73</sup>Ta-182  
-100.0 To 1787. %



10

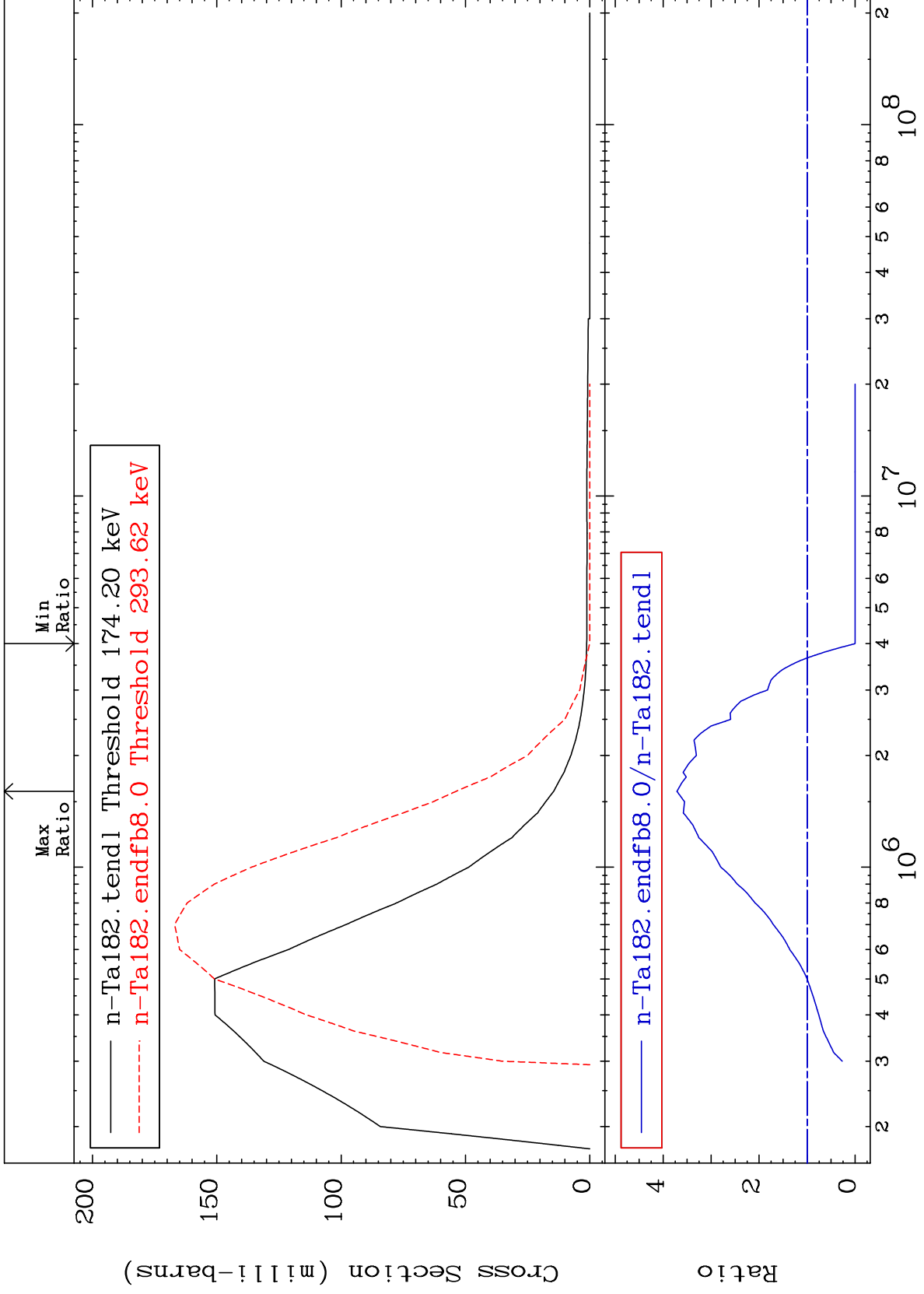
Incident Energy (eV)

<sup>73</sup>Ta-182

MAT 7331

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

<sup>73</sup>Ta-<sup>182</sup>  
-100.0 To 271.3 %



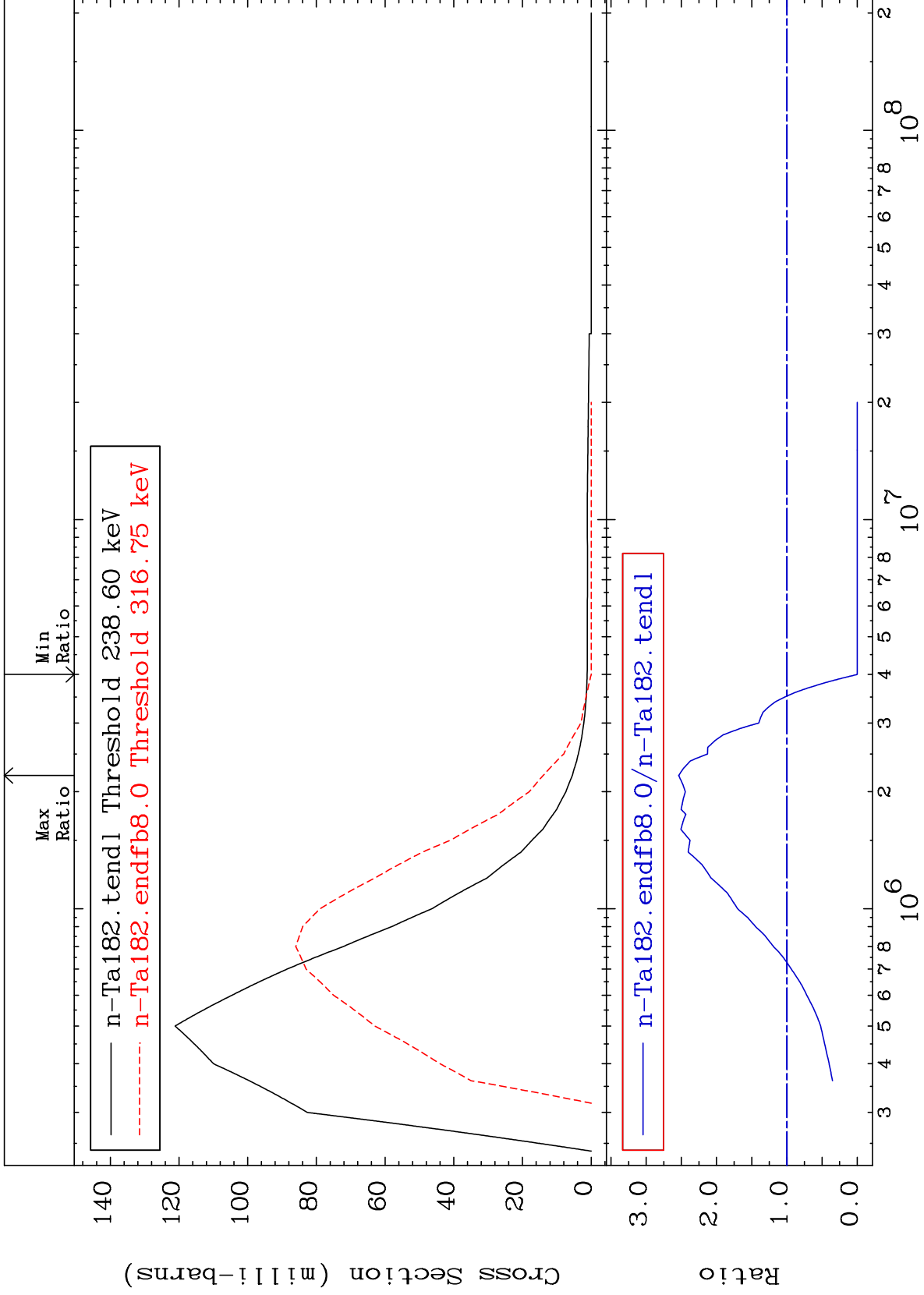
11

<sup>73</sup>Ta-<sup>182</sup>

MAT 7331

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

73-Ta-182  
-100.0 To 153.9 %



12

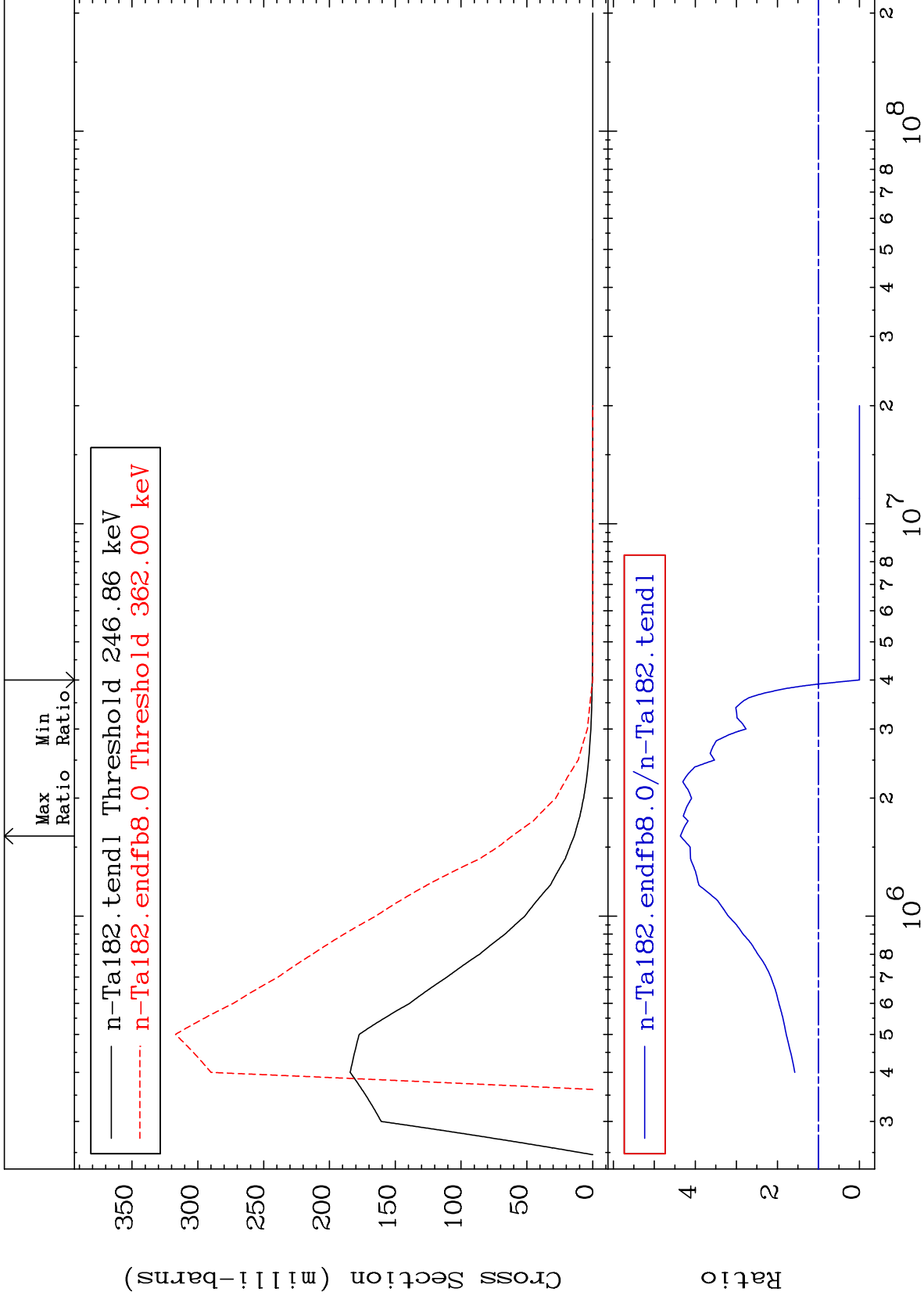
Incident Energy (eV)

73-Ta-182

MAT 7331

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

73-Ta-182  
-100.0 To 336.5 %



13

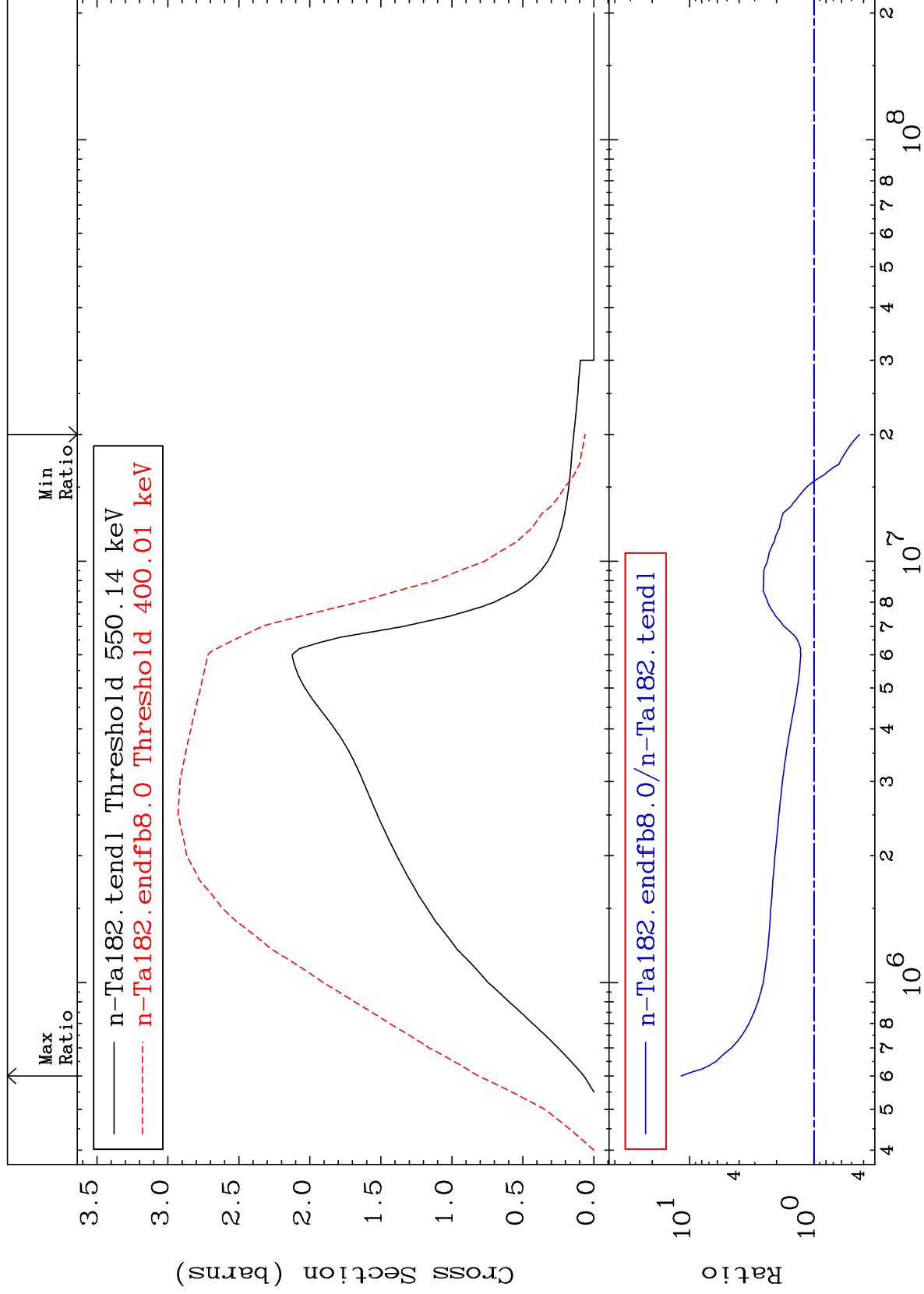
Incident Energy (eV)

73-Ta-182

MAT 7331

(n, n') Continuum  
Cross Section

73-Ta-182  
-57.04 To 1071. %

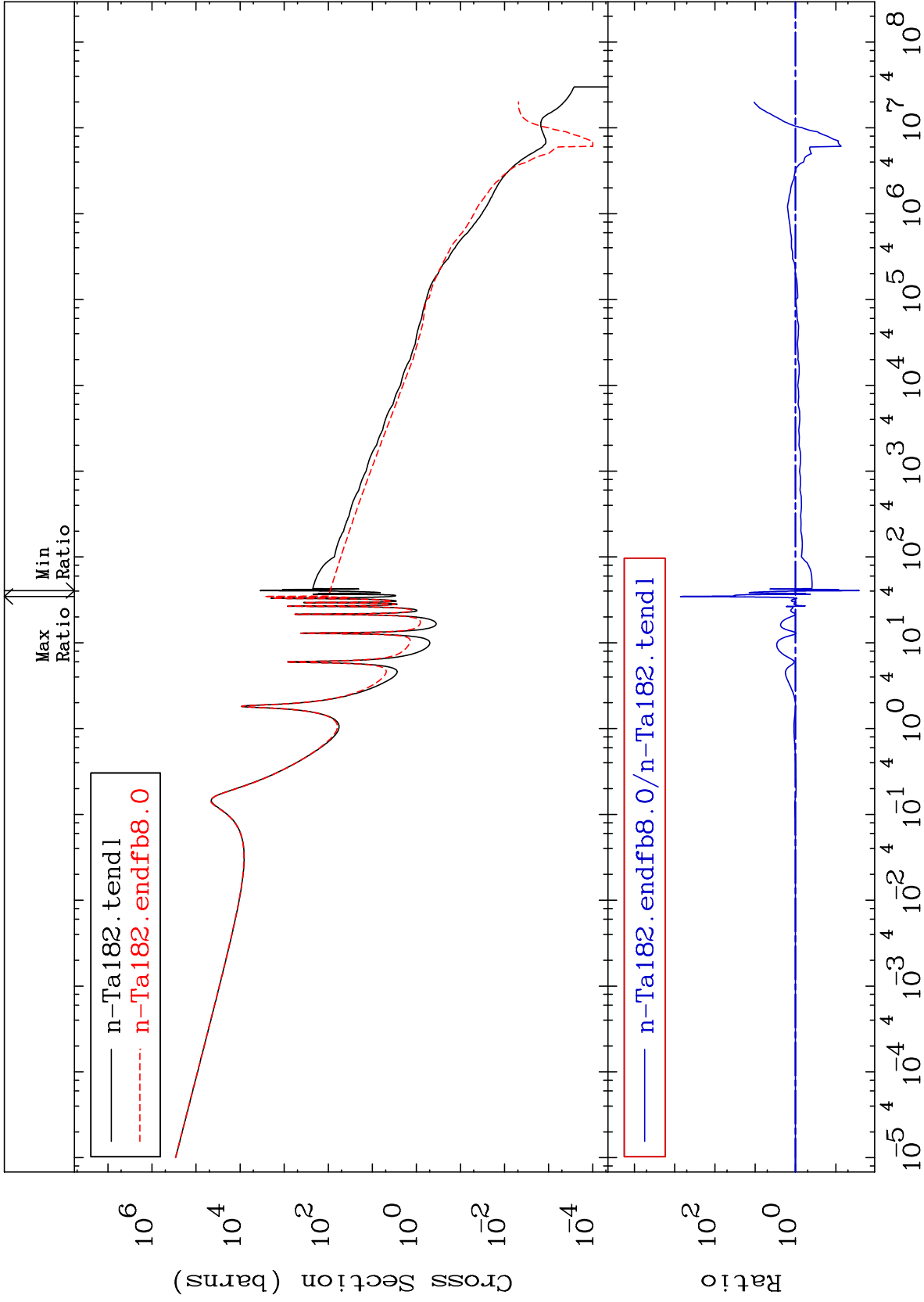


14

73-Ta-182

MAT 7331

(n,  $\gamma$ )  
Cross Section  
-97.41 To 9999. %  
73-Ta-182



15

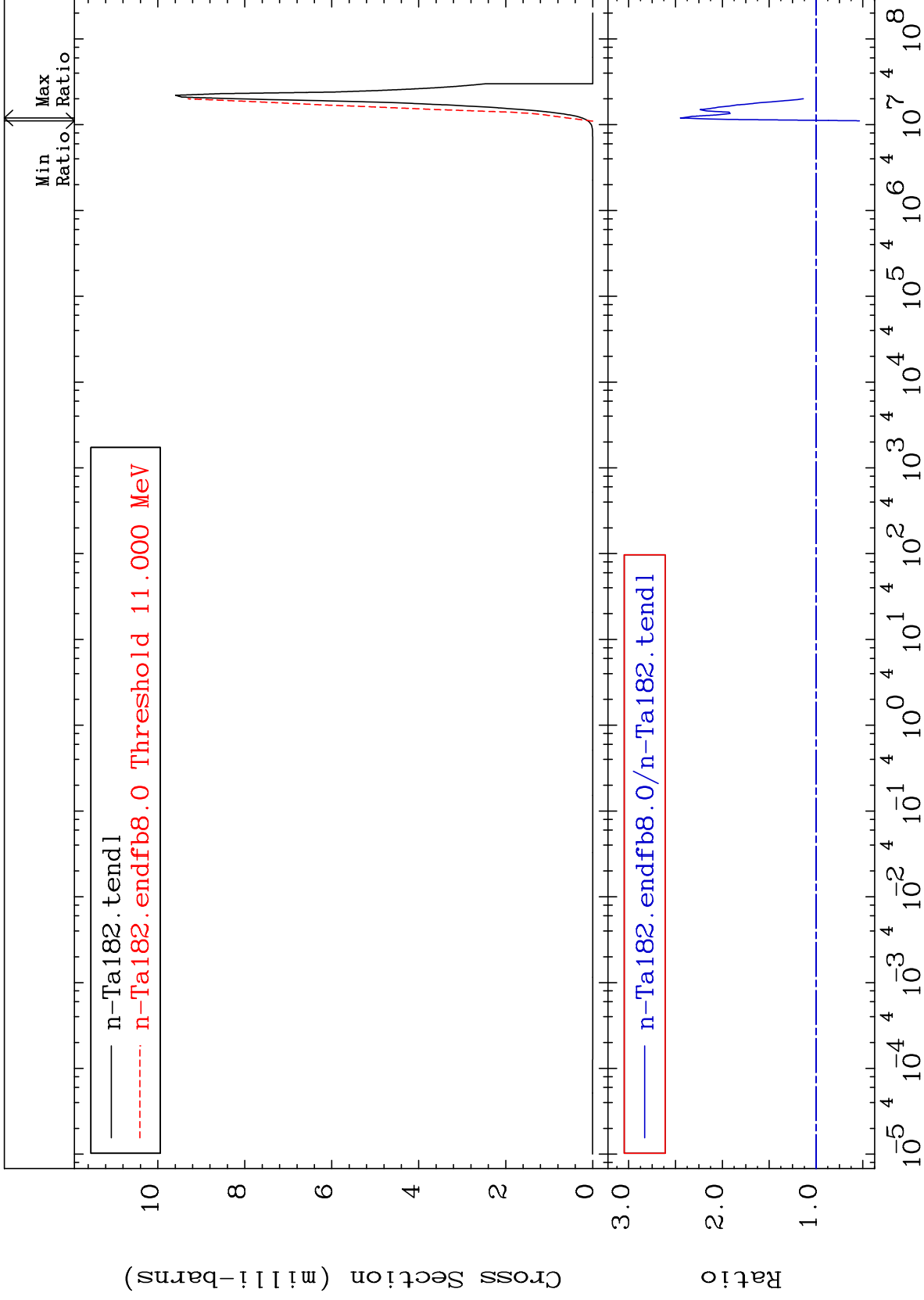
Incident Energy (eV)

73-Ta-182

MAT 7331

(n,  $\alpha$ )  
Cross Section

<sup>73</sup>Ta-<sup>182</sup>Ta  
-46.37 To 144.8 %



16

Incident Energy (eV)

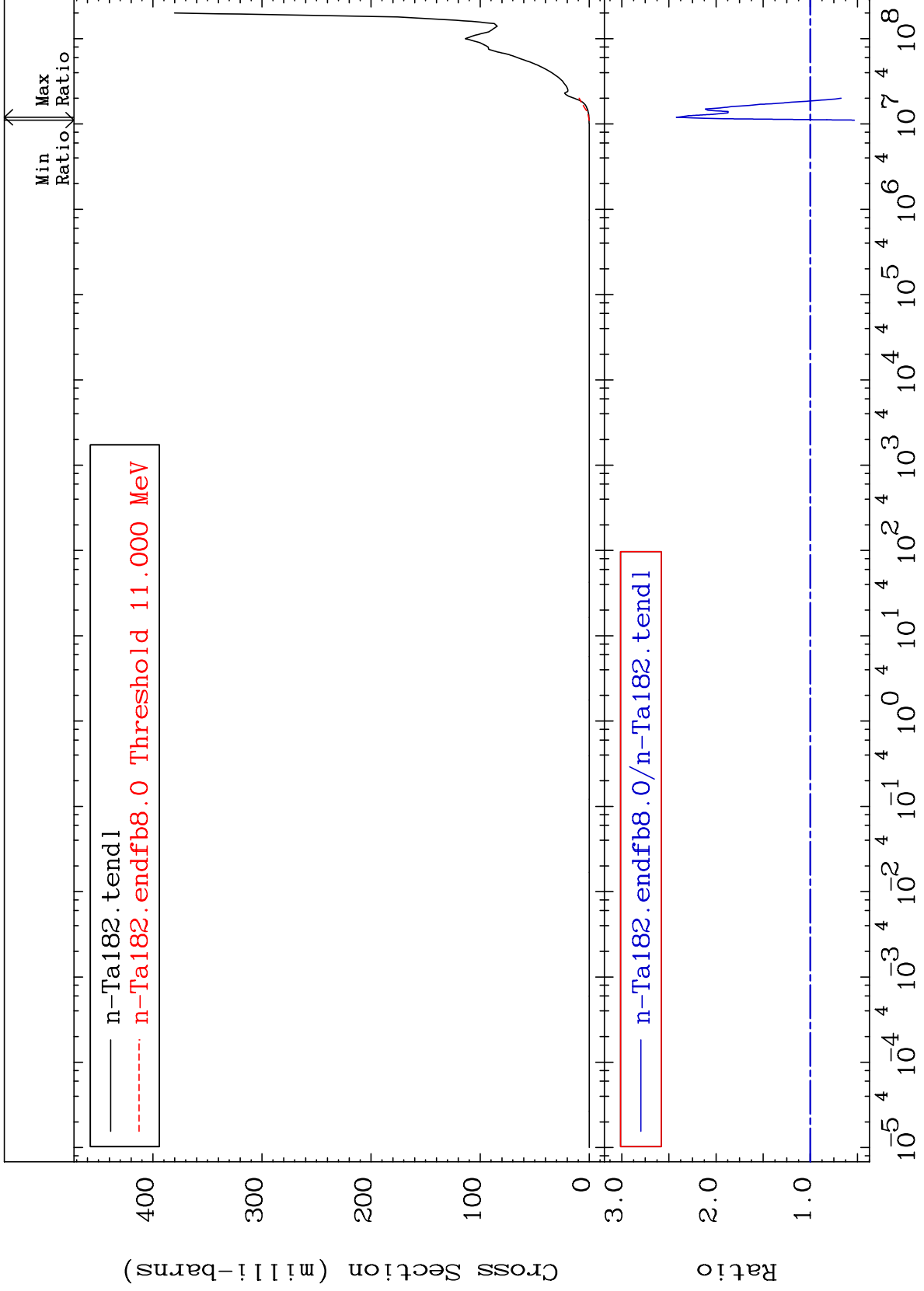
<sup>73</sup>Ta-<sup>182</sup>Ta



MAT 7331

He-4 Production  
Cross Section

<sup>73</sup>Ta-<sup>182</sup>  
-46.75 To 142.1 %



Incident Energy (eV)

<sup>73</sup>Ta-<sup>182</sup>

17

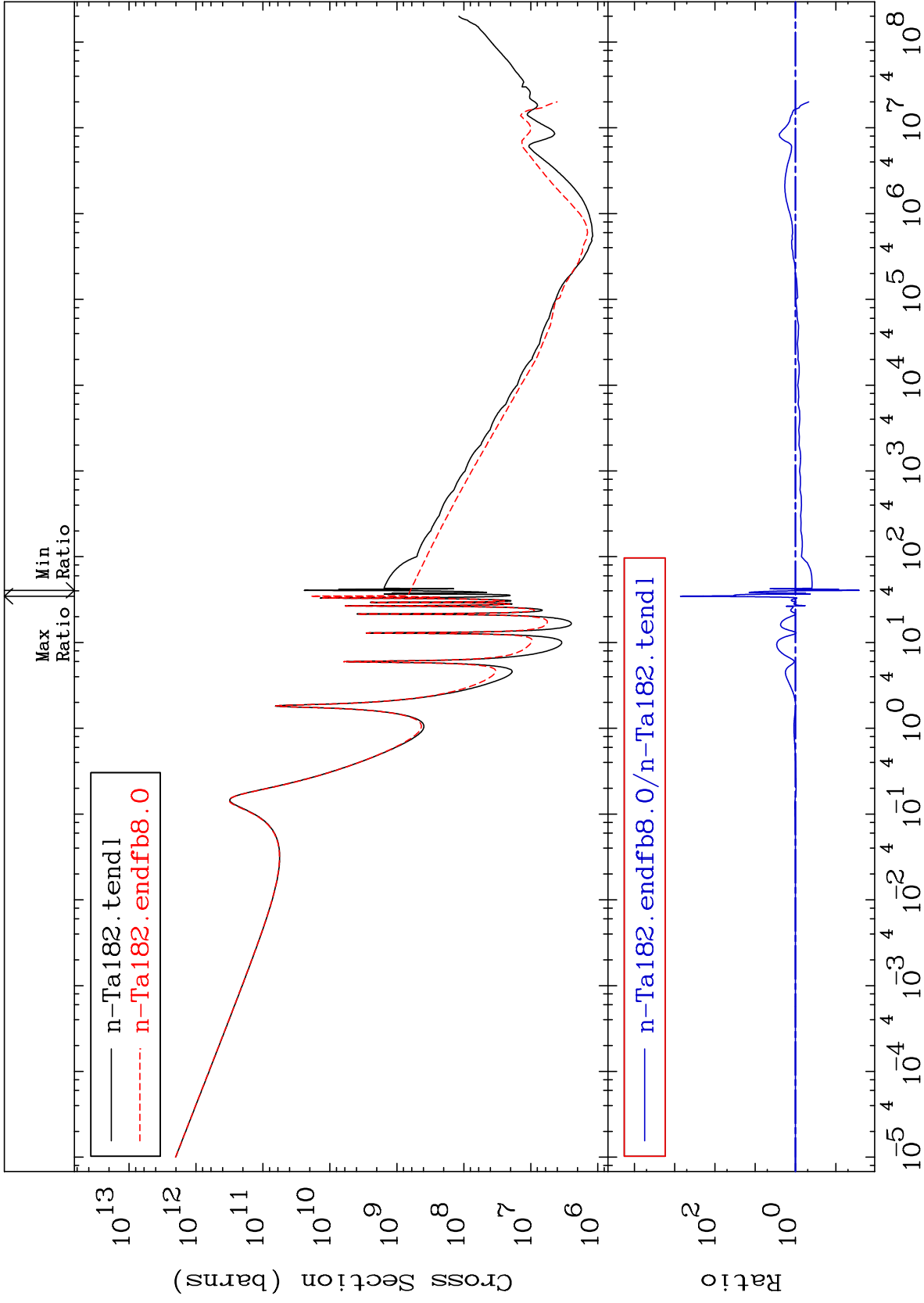
MAT 7331

Kerma total (eV-barns)

<sup>73</sup>Ta-182

-97.41 To 9999. %

Cross Section



18

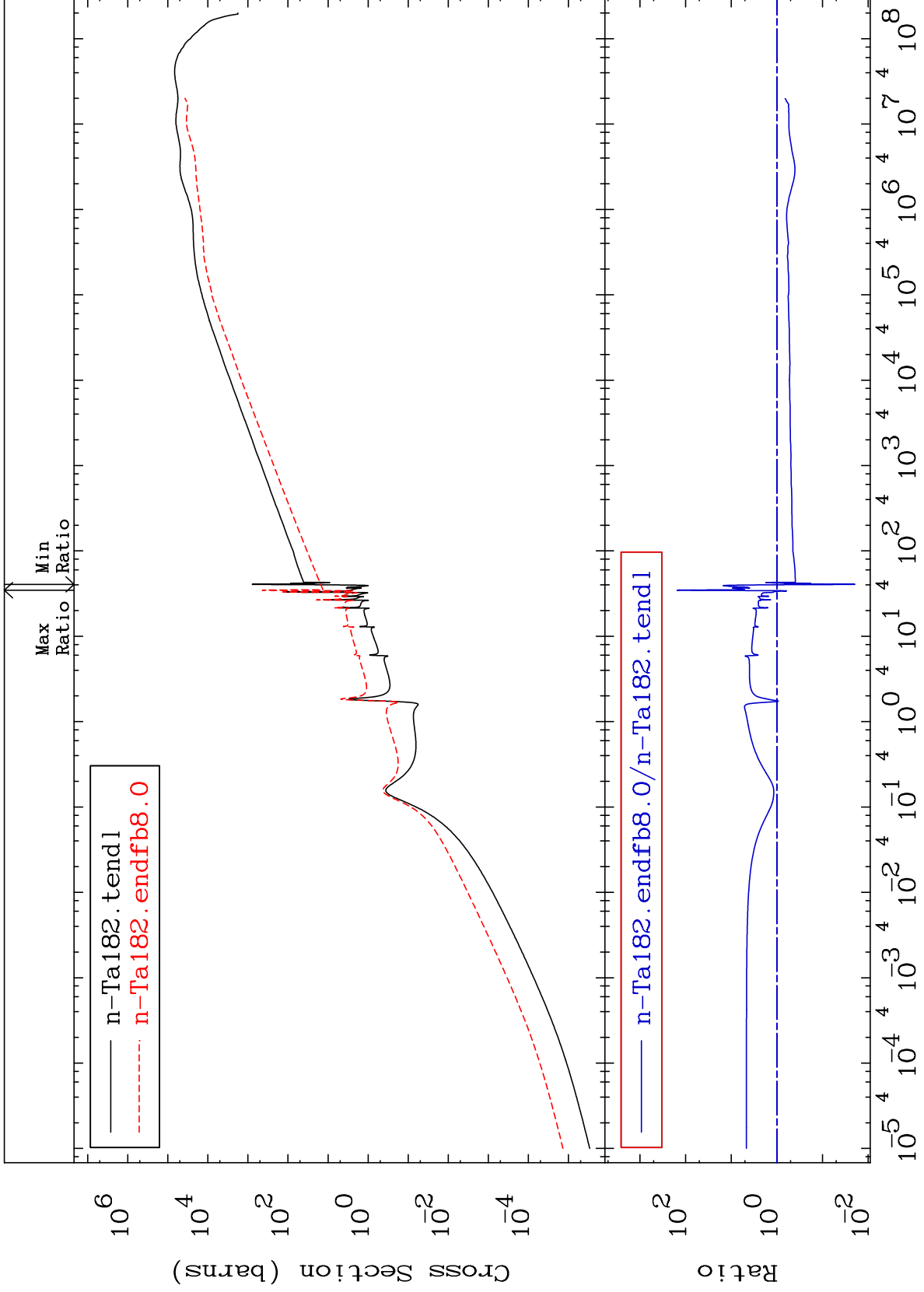
Incident Energy (eV)

<sup>73</sup>Ta-182

MAT 7331

Kerma elastic  
Cross Section

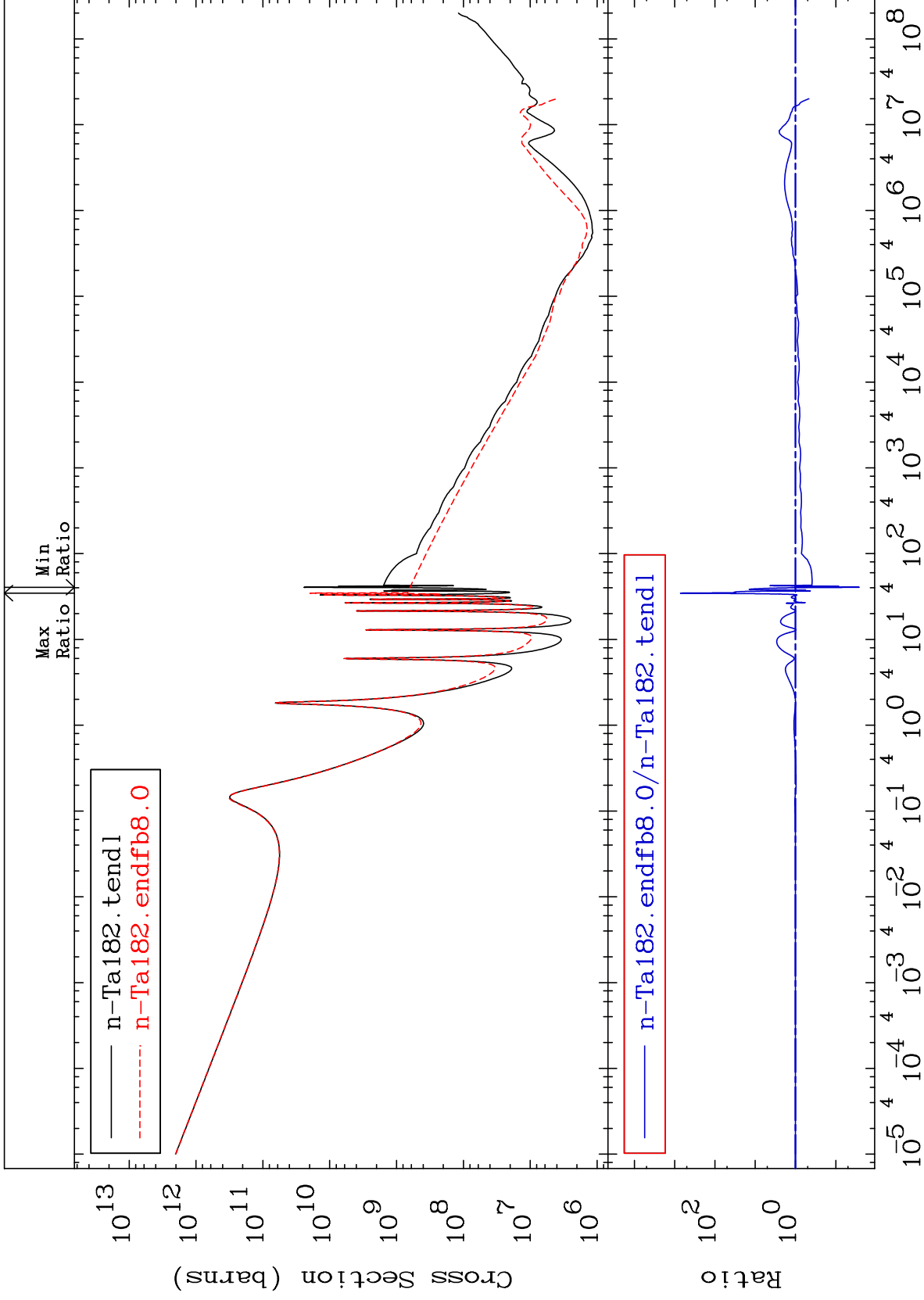
<sup>73</sup>Ta-182  
-98.06 To 9999. %



MAT 7331

Kerma non-elastic (all but mt2)  
Cross Section

73-Ta-182  
-97.41 To 9999. %



20

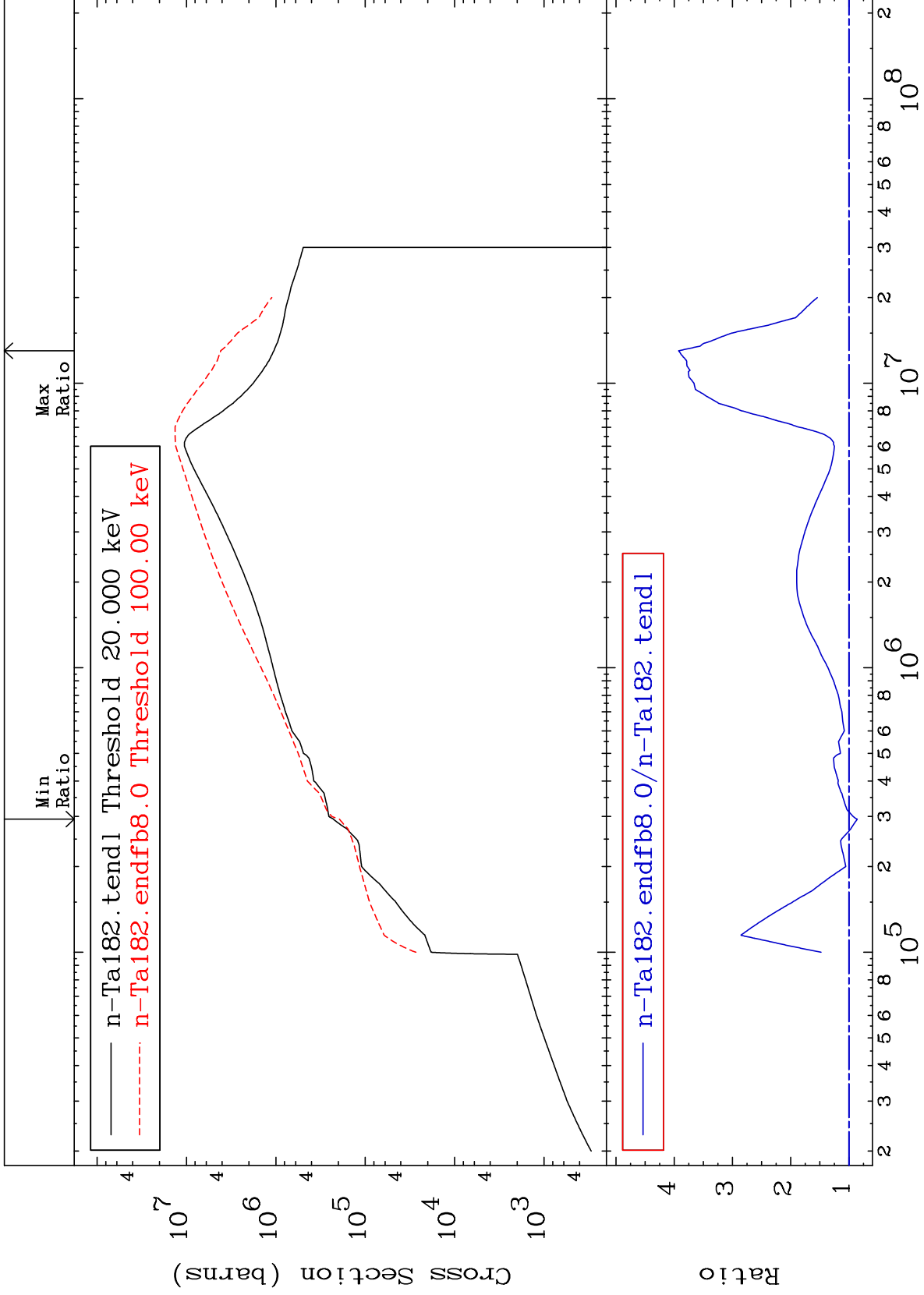
Incident Energy (eV)

73-Ta-182

MAT 7331

Kerma inelastic (mt51-91)  
Cross Section

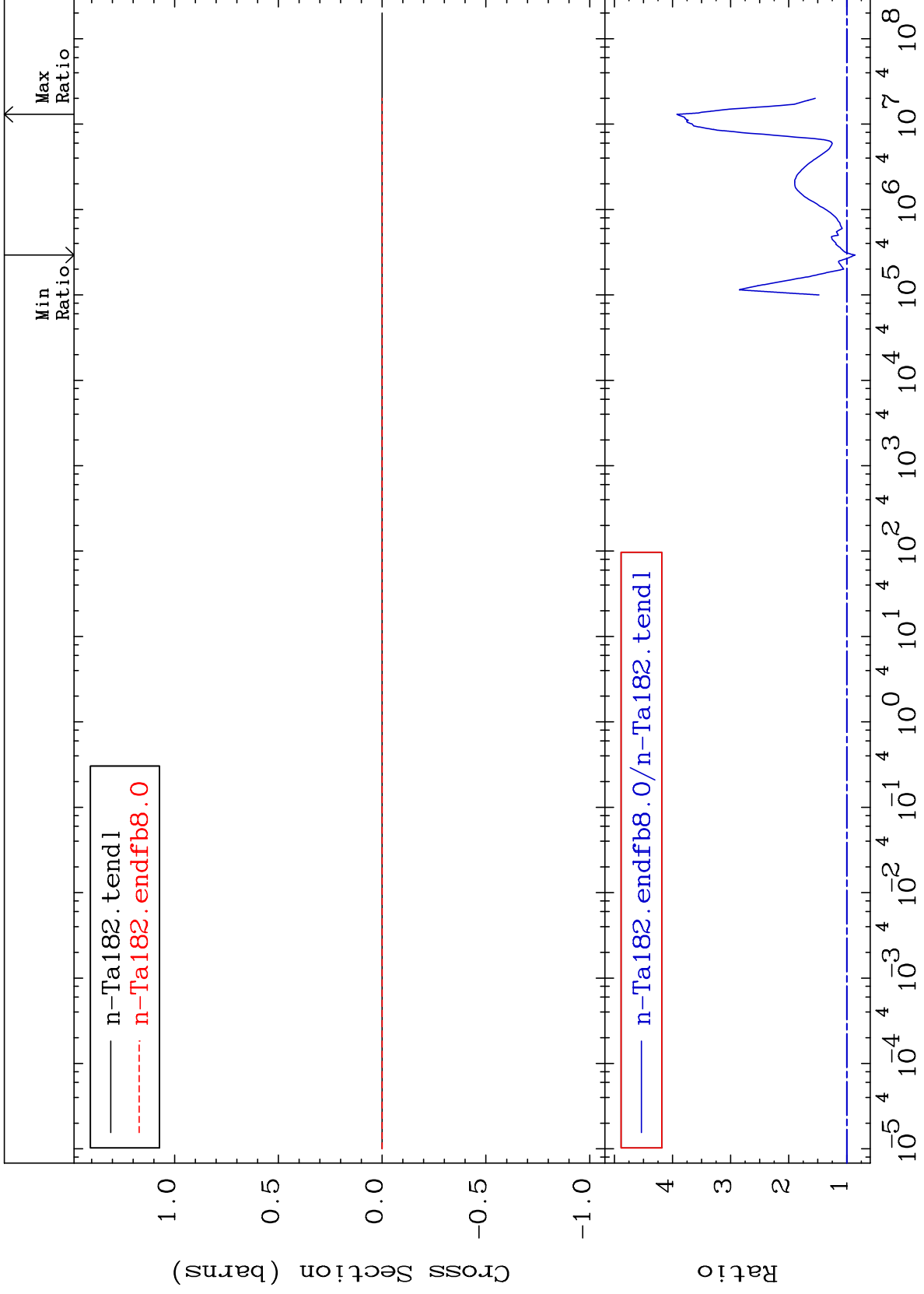
73-Ta-182  
-14.27 To 292.5 %



MAT 7331

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

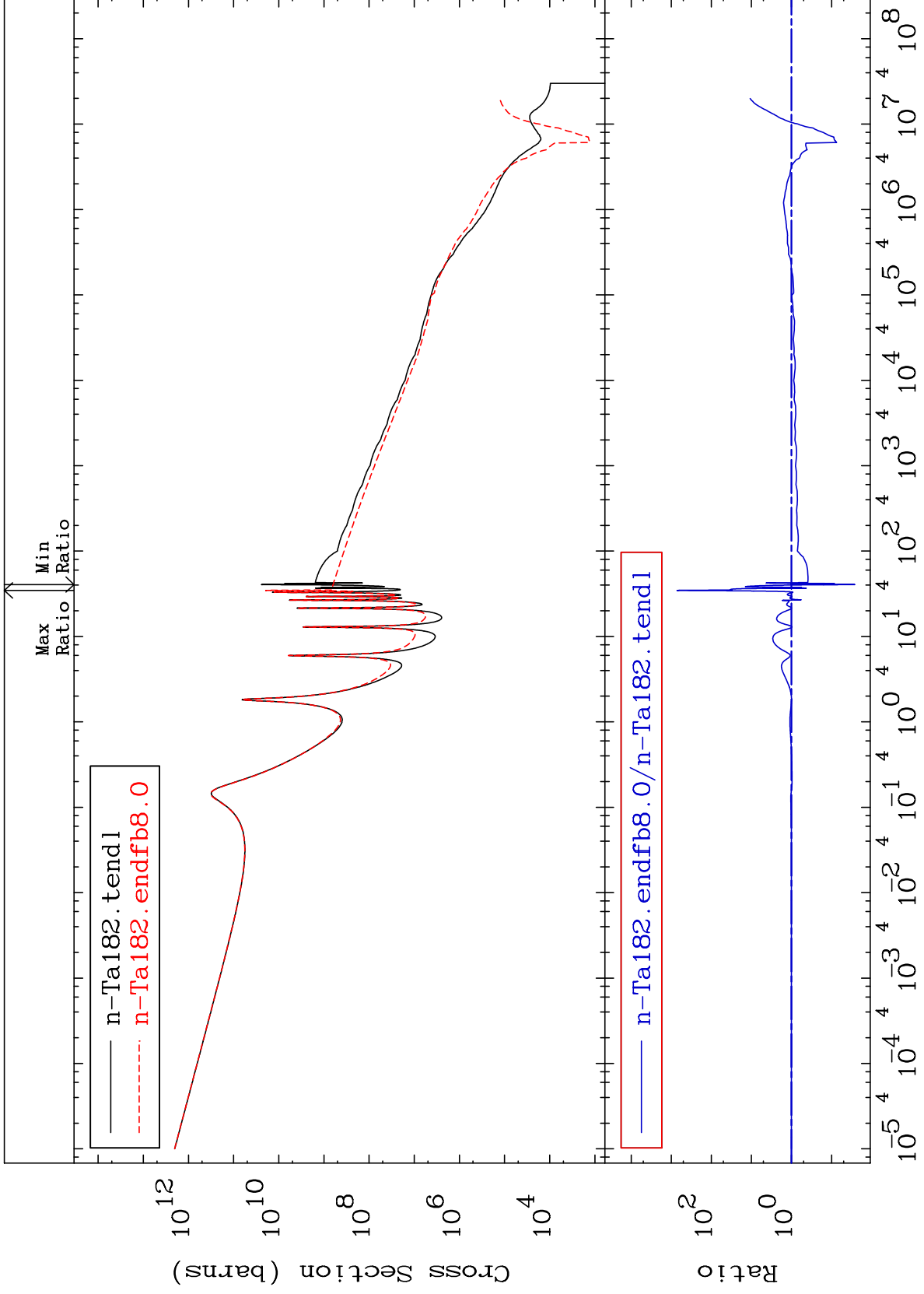
73-Ta-182  
-14.27 To 292.5 %



MAT 7331

Kerma capture (mt102)  
Cross Section

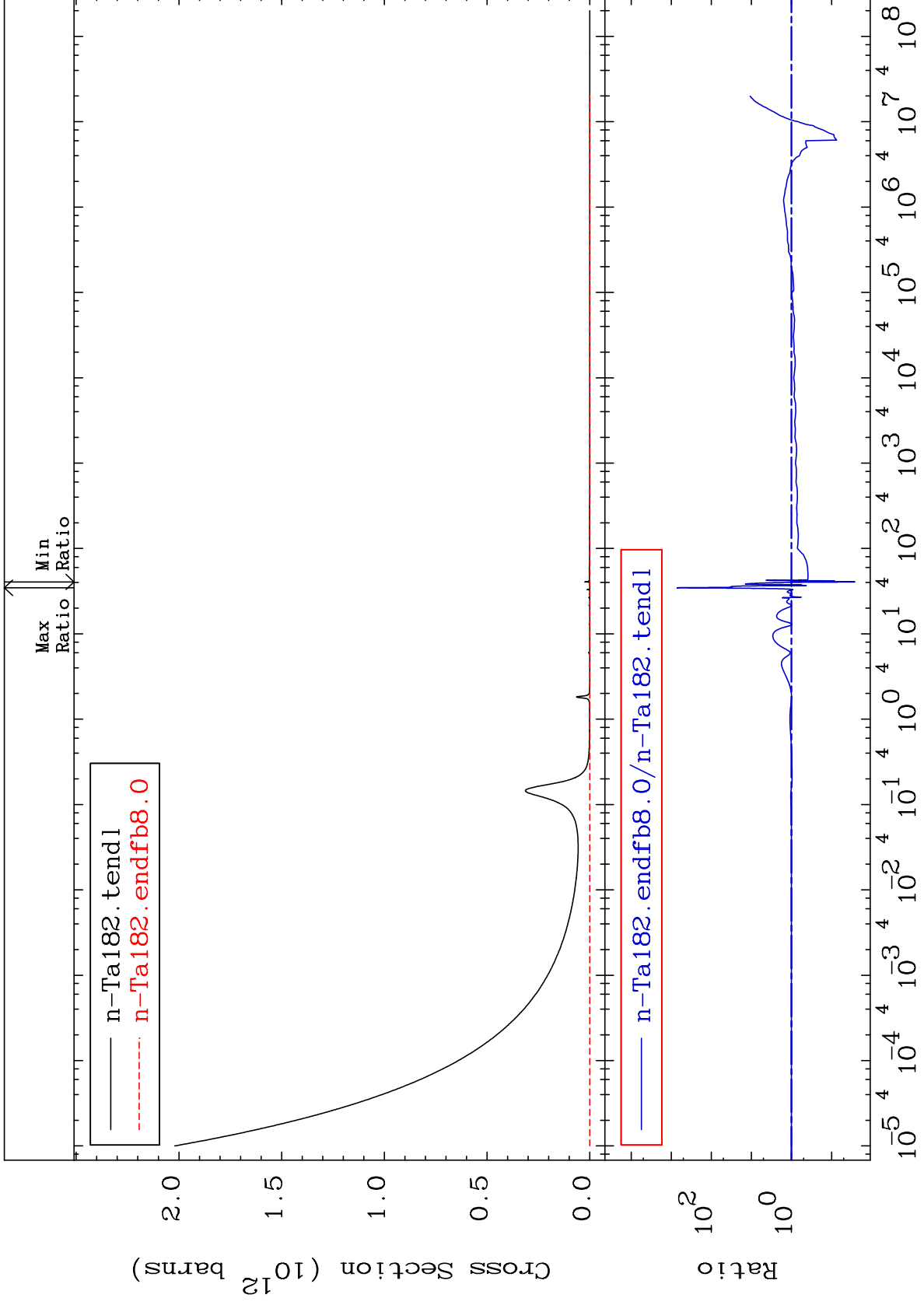
73-Ta-182  
-97.41 To 9999. %



MAT 7331

Total photon (eV-barns)  
Cross Section

<sup>73</sup>Ta-<sup>182</sup>  
-97.41 To 9999. %

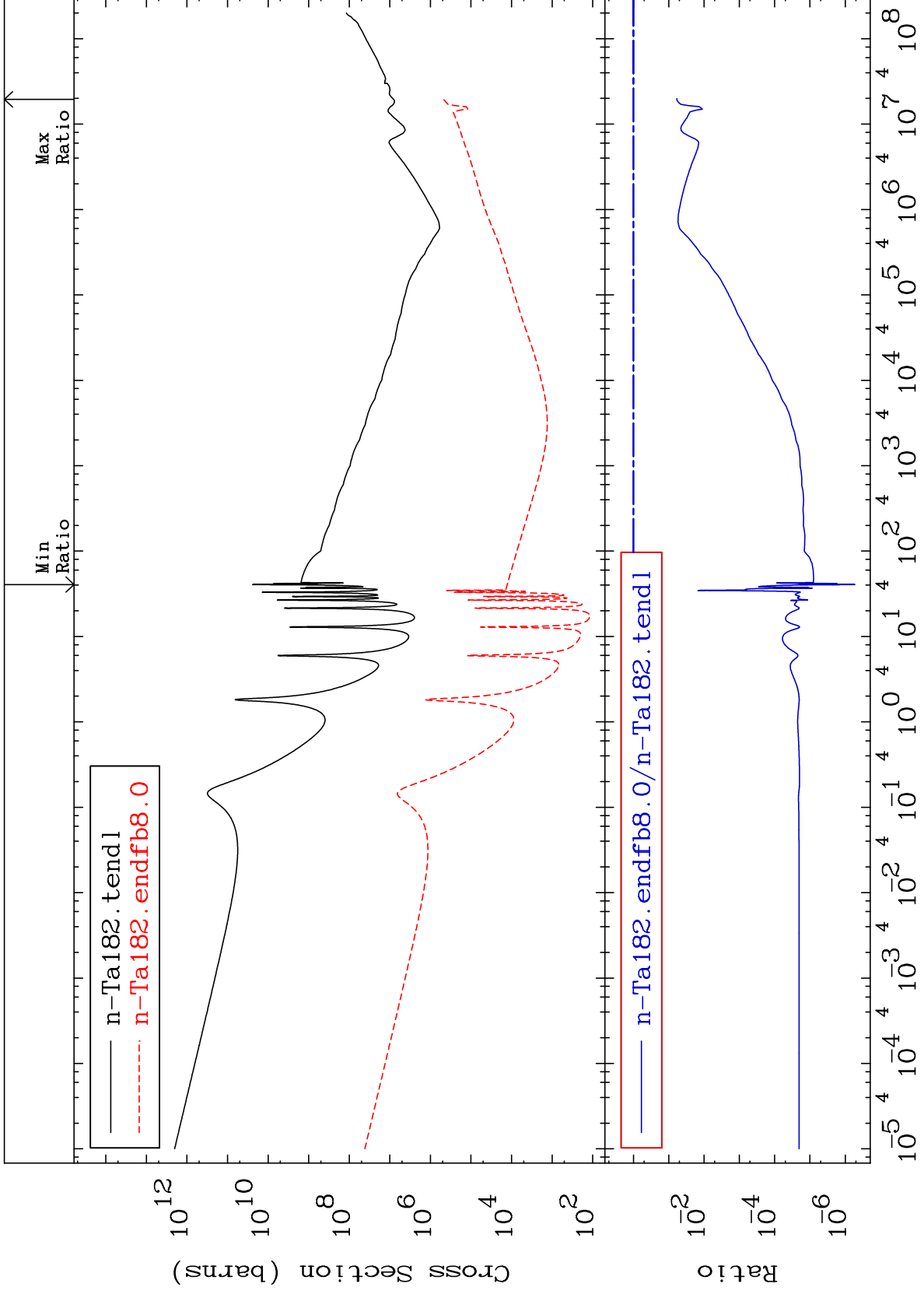




MAT 7331

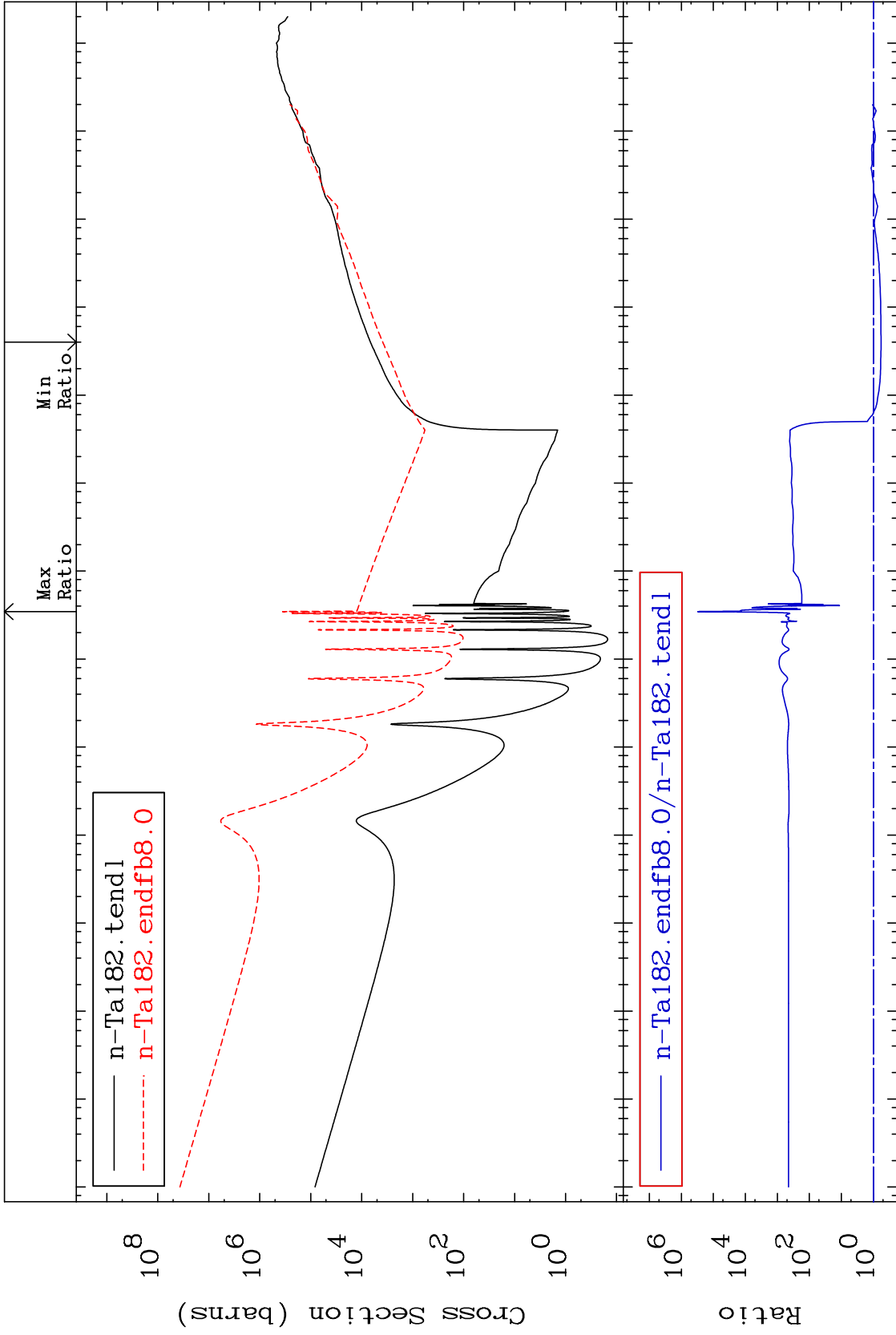
Total kinematic kerma (high limit)  
Cross Section

73-Ta-182  
-100.0 To -94.14%



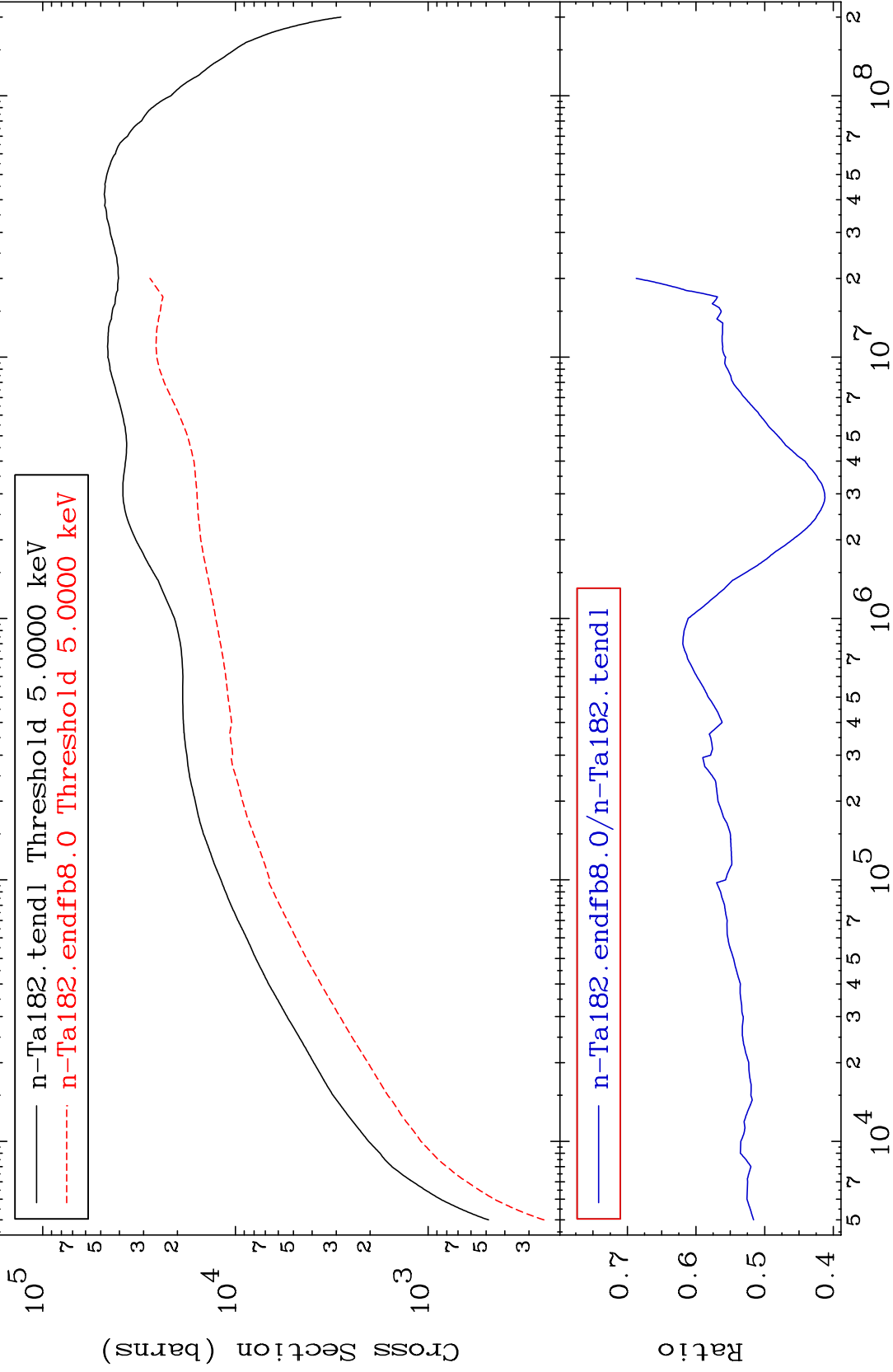
Cross Section

-42.70 To 9999. %



— n-Ta182.tendl  
- - - n-Ta182.endfb8.0

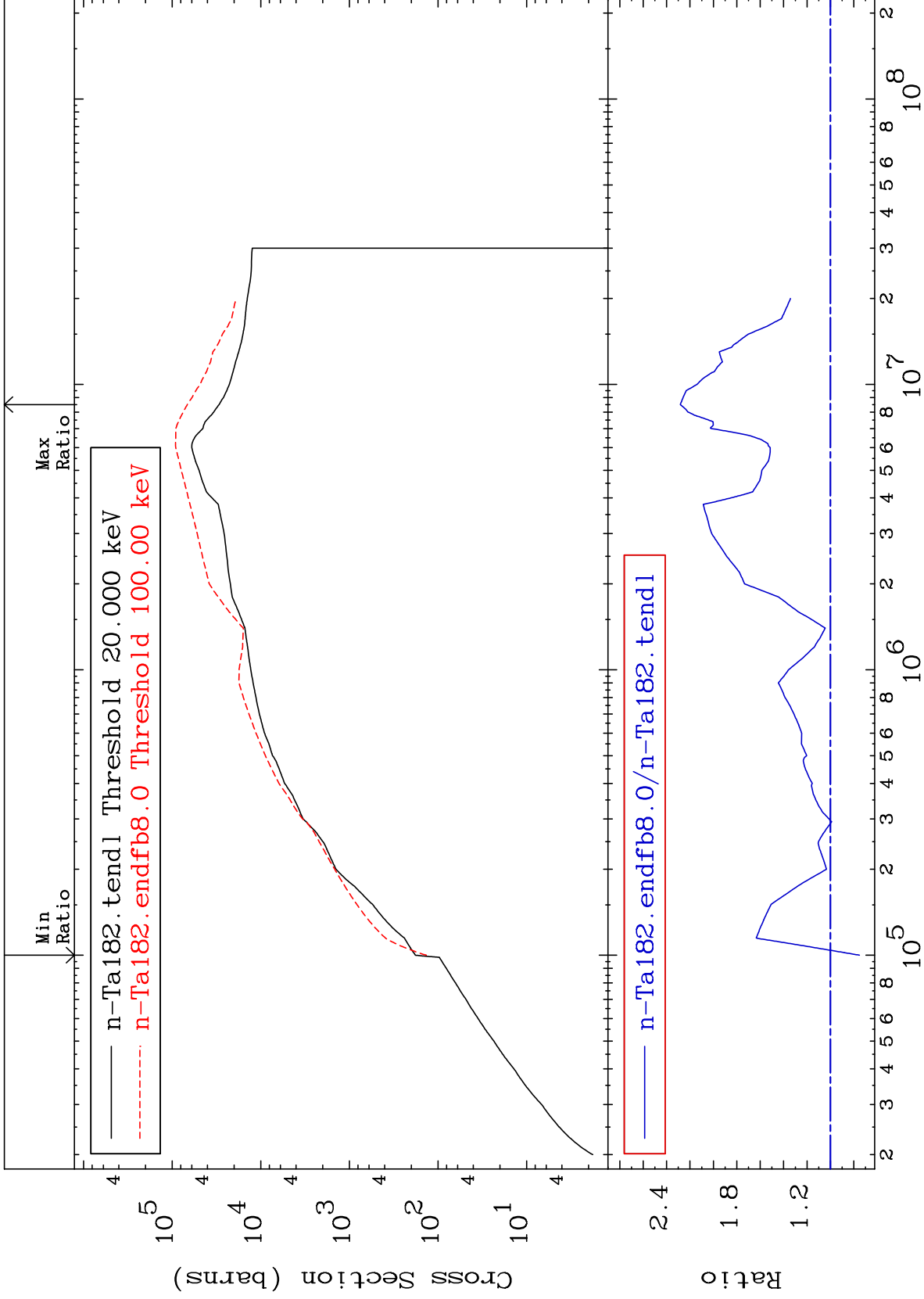
— n-Ta182.endfb8.0/n-Ta182.tendl



MAT 7331

Dpa inelastic (mt51-91)  
Cross Section

73-Ta-182  
-24.77 To 128.2 %



MAT 7331

Dpa disappearance (mt102 -120)  
Cross Section

73-Ta-182  
-64.60 To 9999. %

