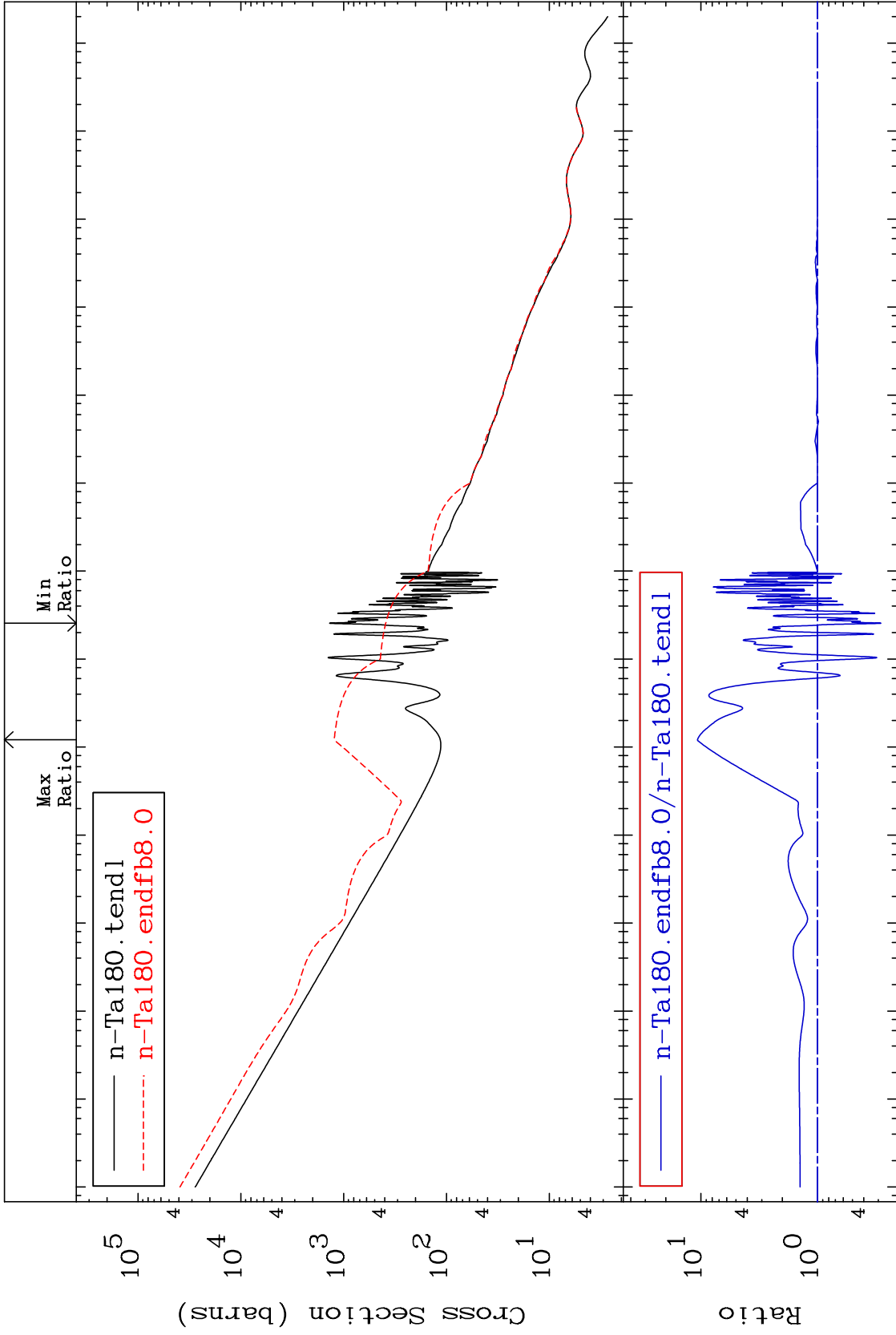


MAT 7325

Total  
Cross Section

73-Ta-180  
-71.61 To 970.1 %



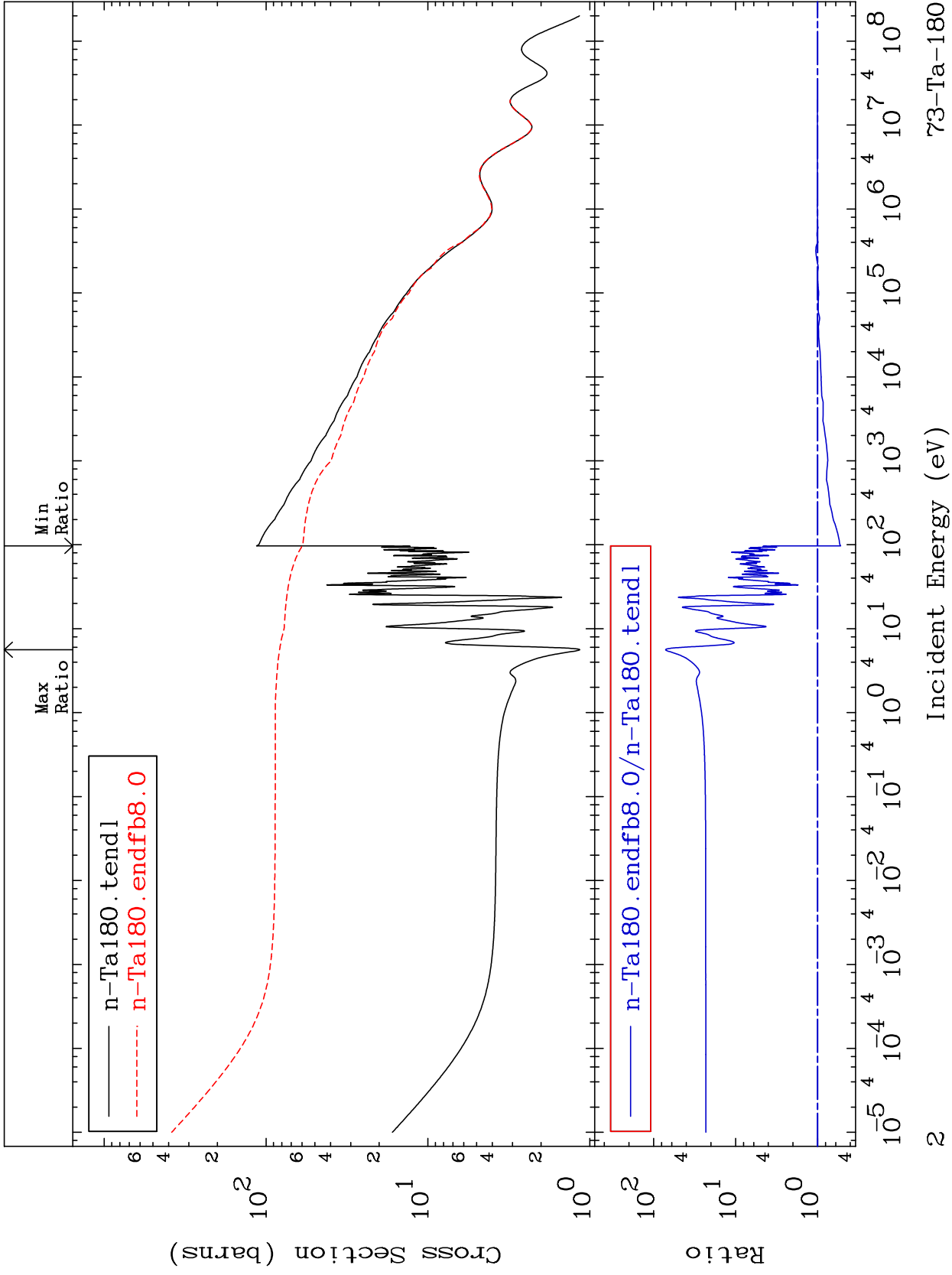
Incident Energy (eV)

73-Ta-180

MAT 7325

73-Ta-180  
-47.74 To 7058. %

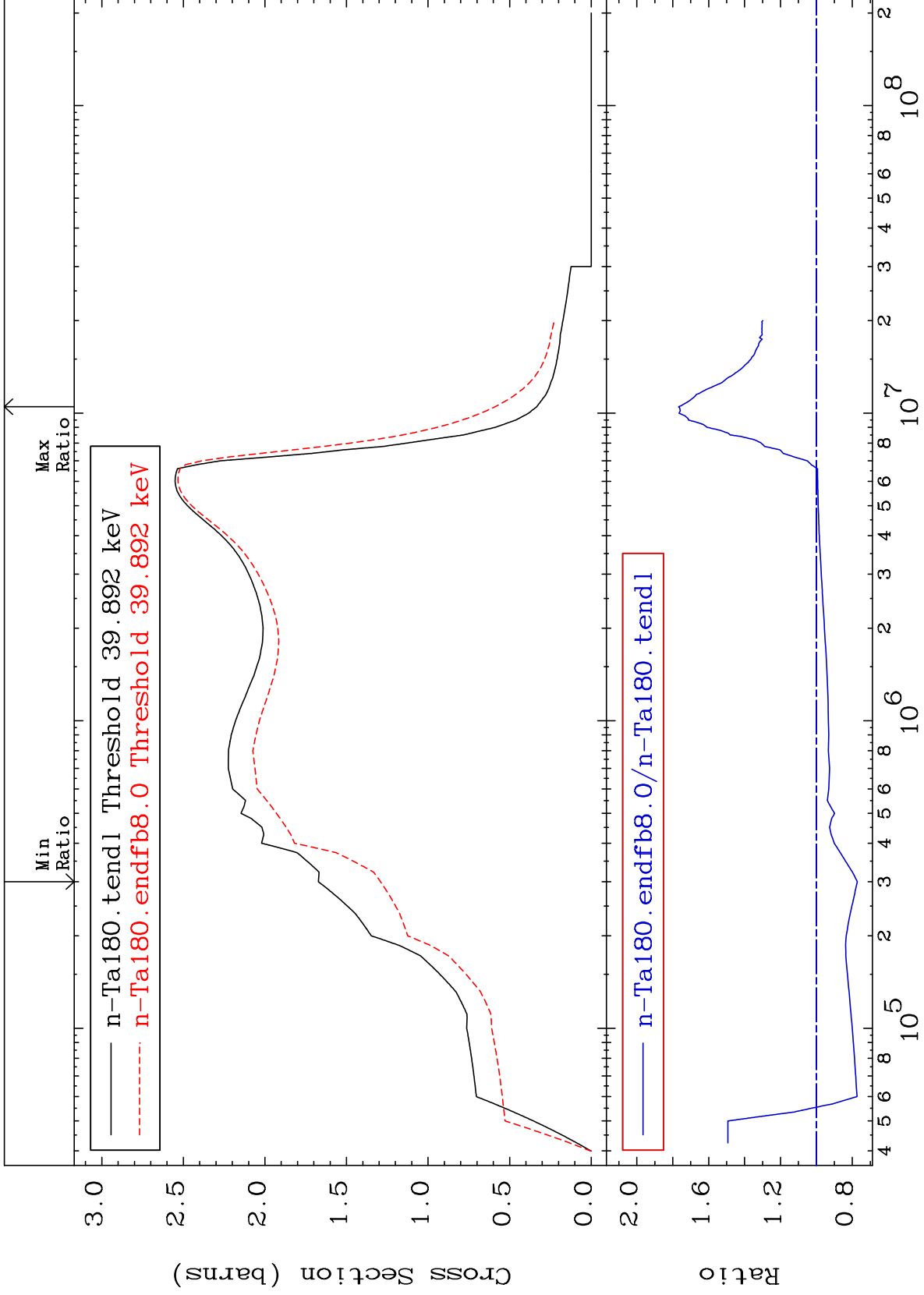
Elastic  
Cross Section



MAT 7325

Inelastic  
Cross Section

<sup>73</sup>Ta-<sup>180</sup>  
-22.76 To 76.72 %



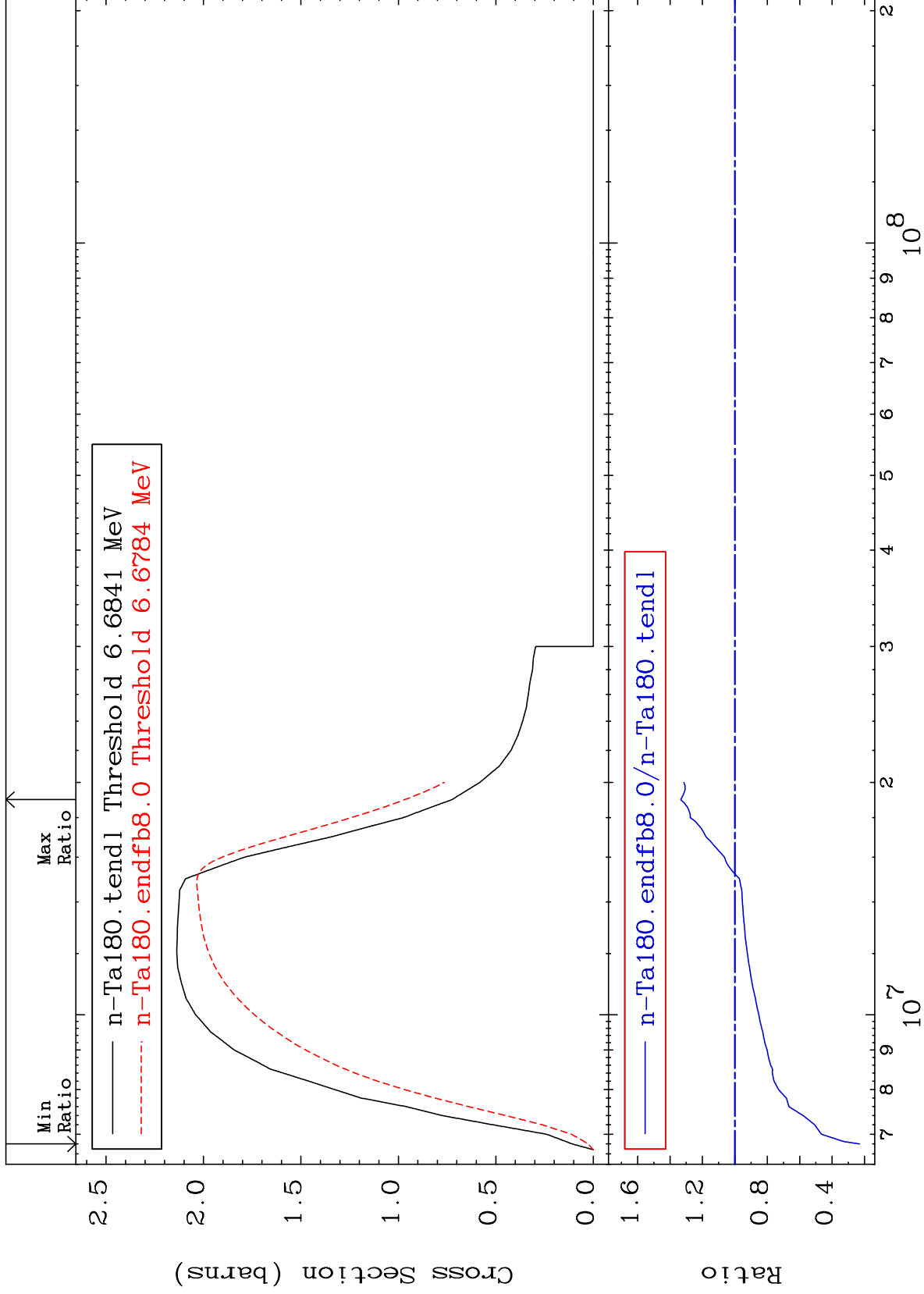
MAT 7325

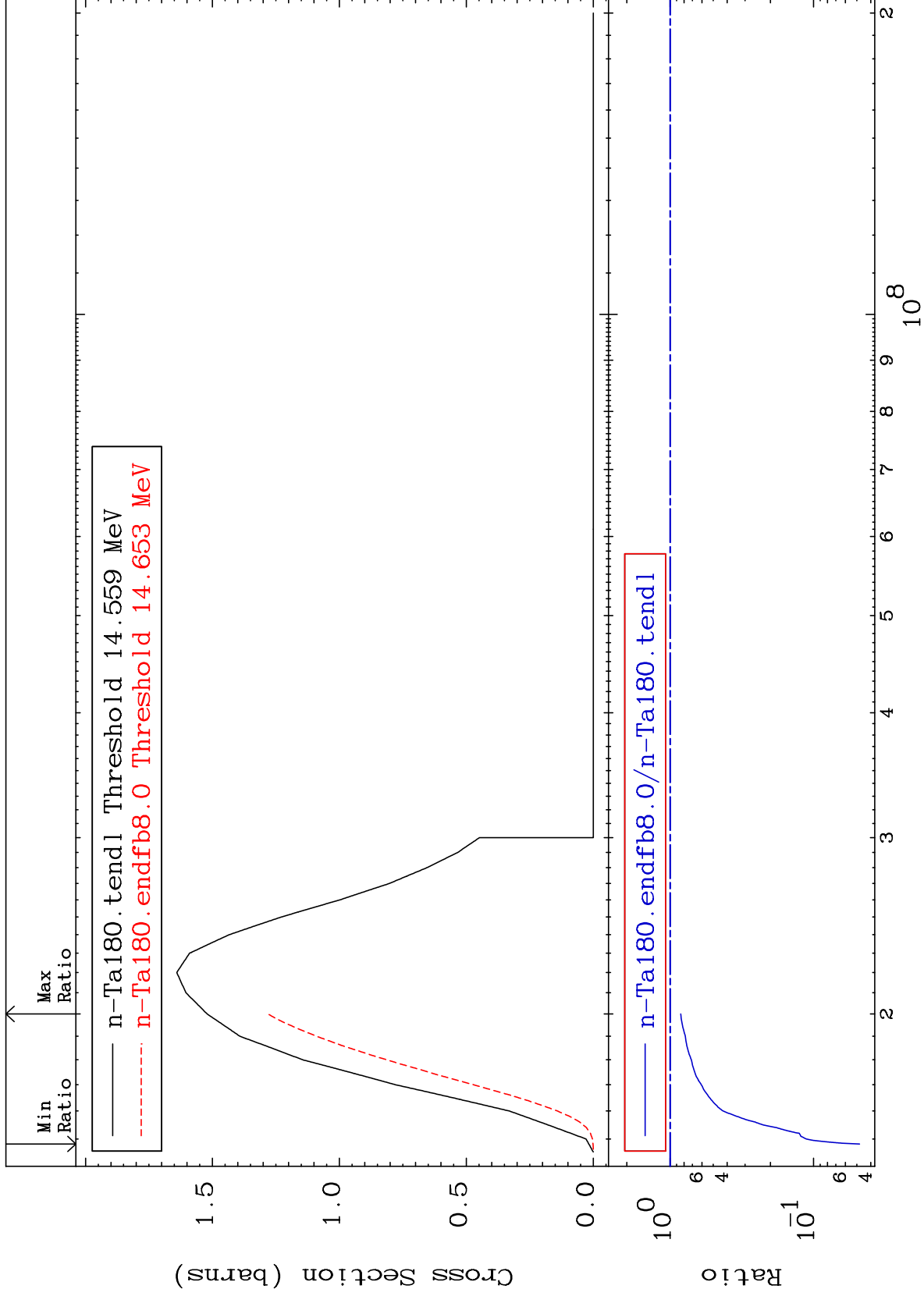
(n,2n)

<sup>73</sup>Ta-180

Cross Section

-76.90 To 33.37 %

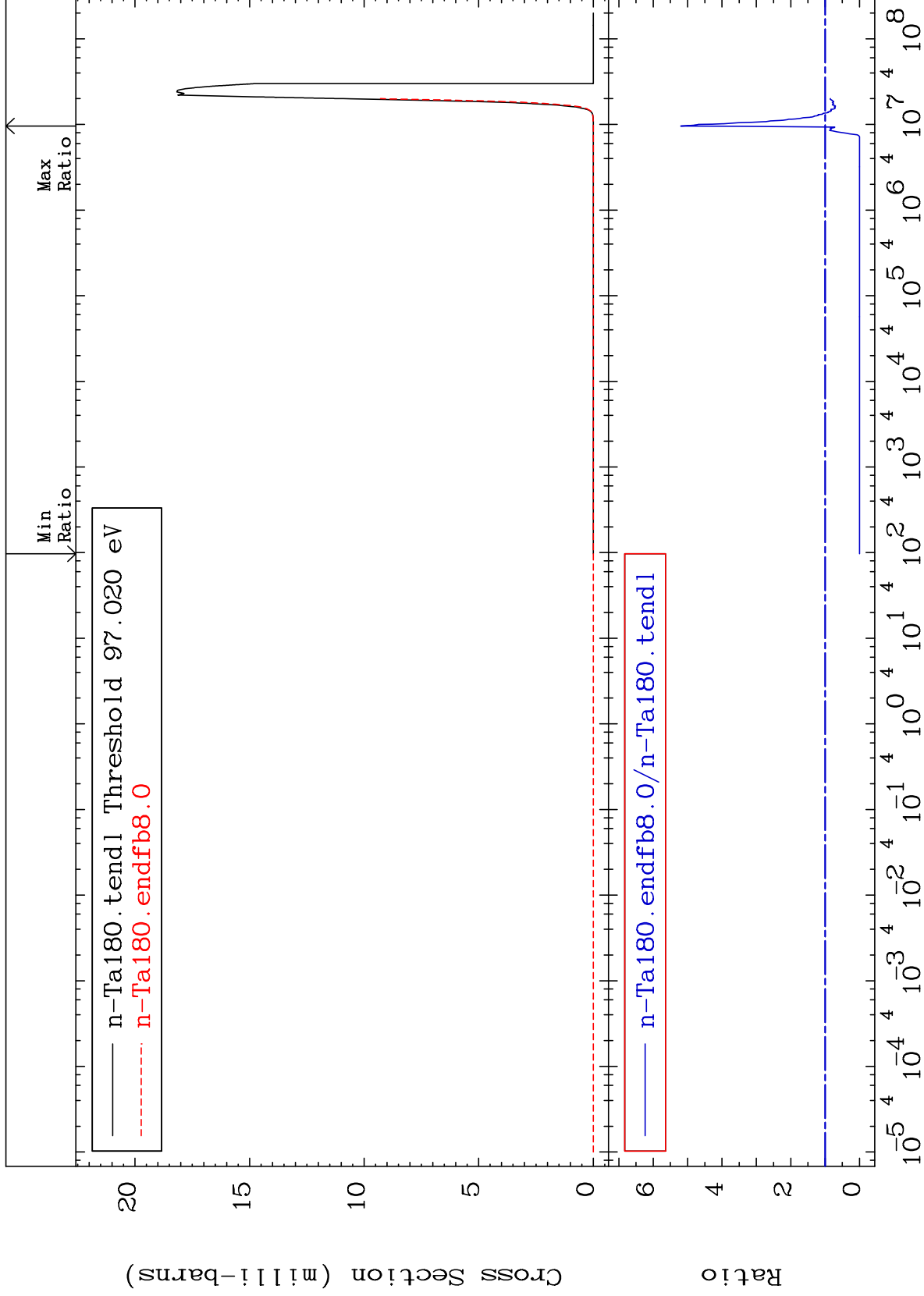




MAT 7325

$(n, n') \alpha$   
Cross Section

$^{73}\text{Ta-180}$   
-100.0 To 419.8 %



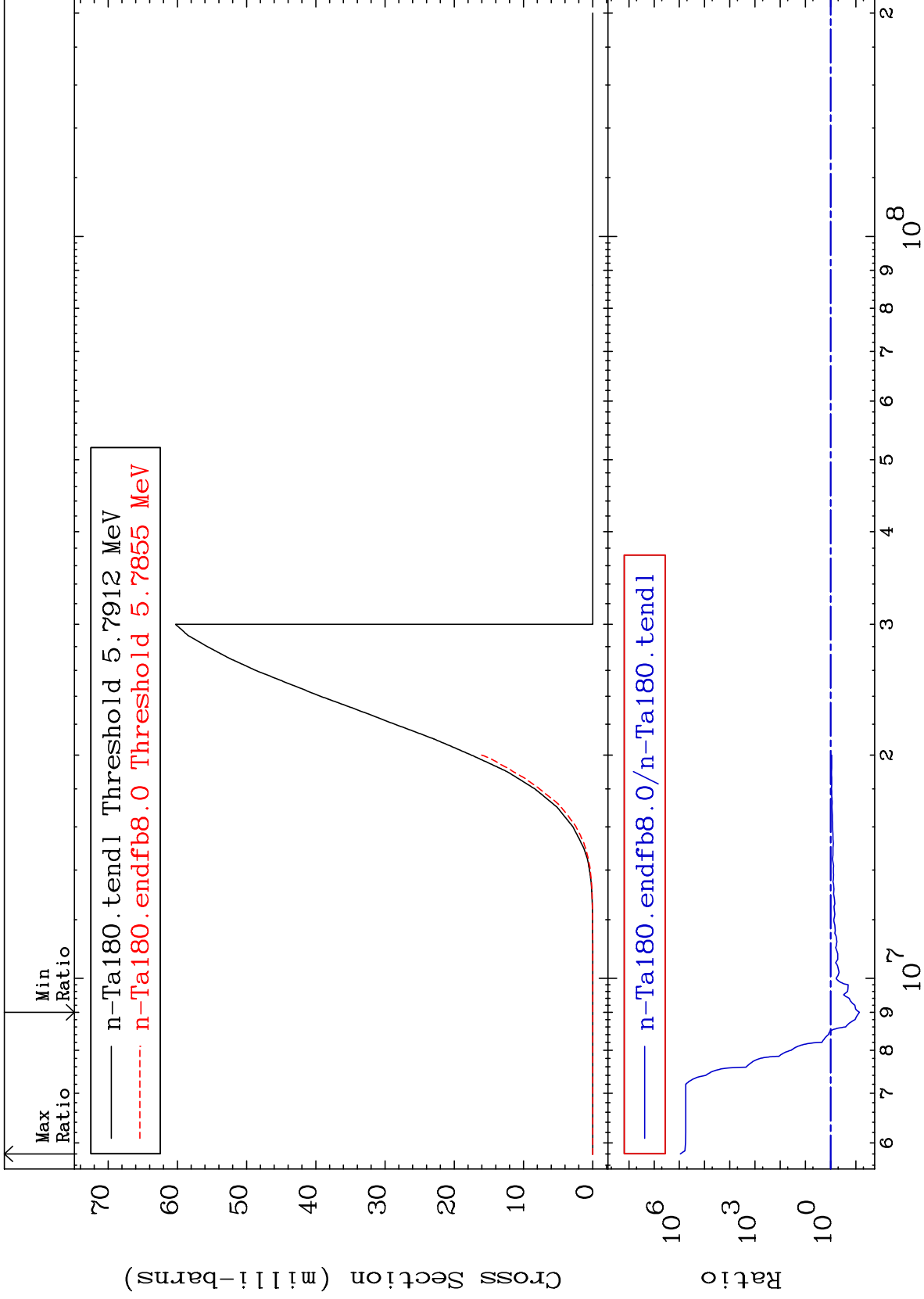
Incident Energy (eV)

$^{73}\text{Ta-180}$

MAT 7325

(n,n') p  
Cross Section

<sup>73</sup>Ta-180  
-92.80 To 9999. %



7

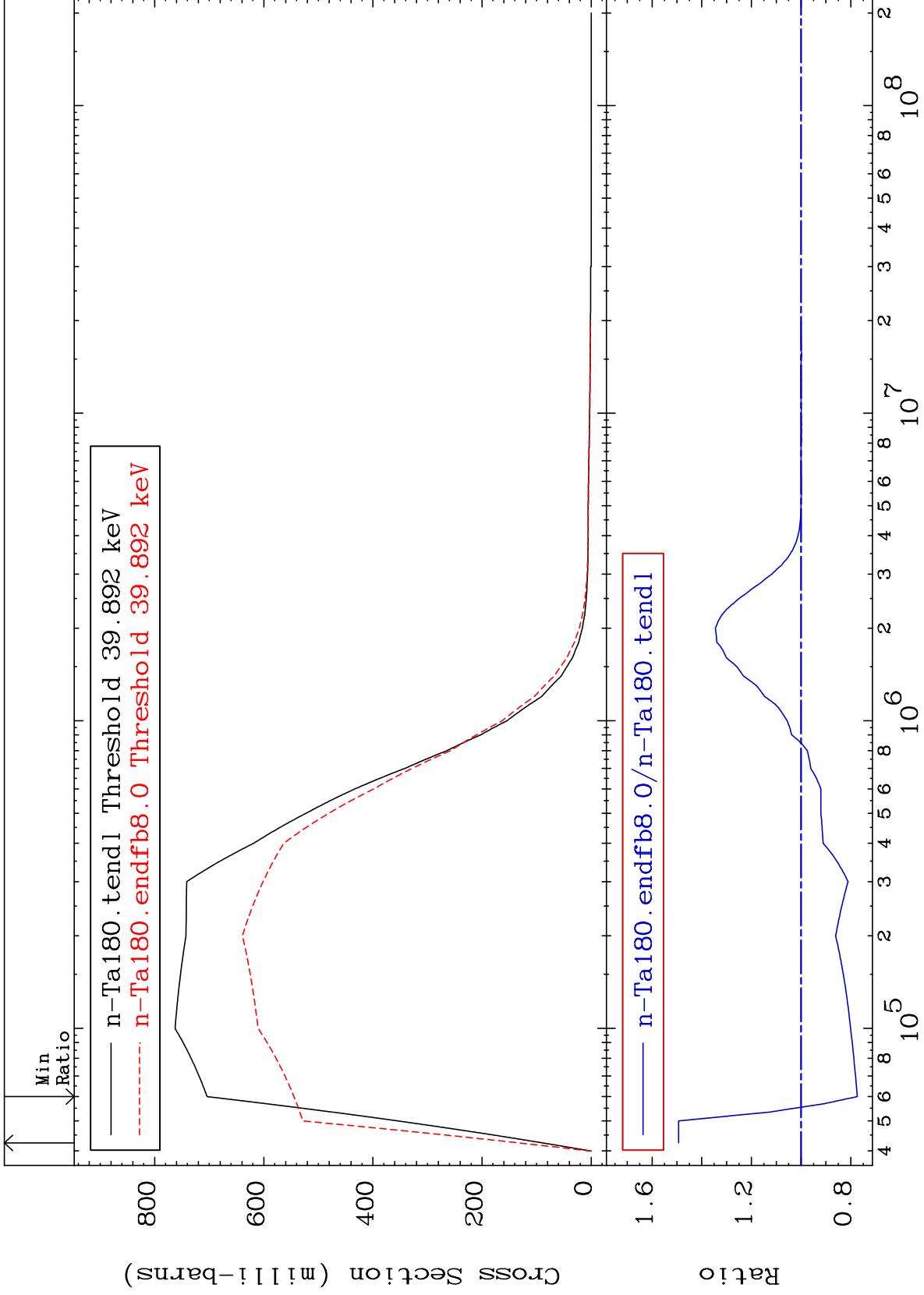
Incident Energy (eV)

<sup>73</sup>Ta-180

MAT 7325

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

<sup>73</sup>Ta-180  
-22.61 To 49.31 %

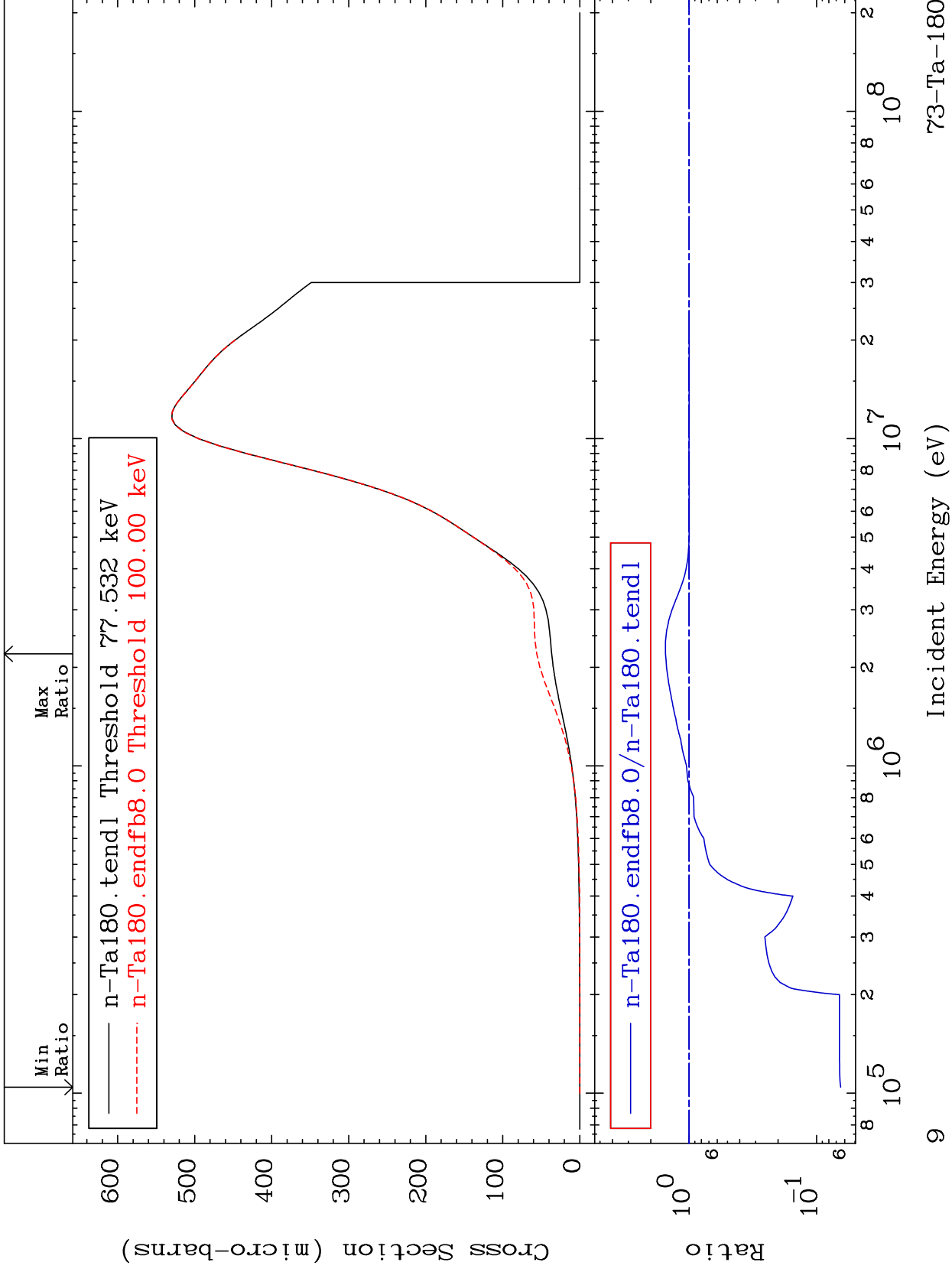




MAT 7325

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

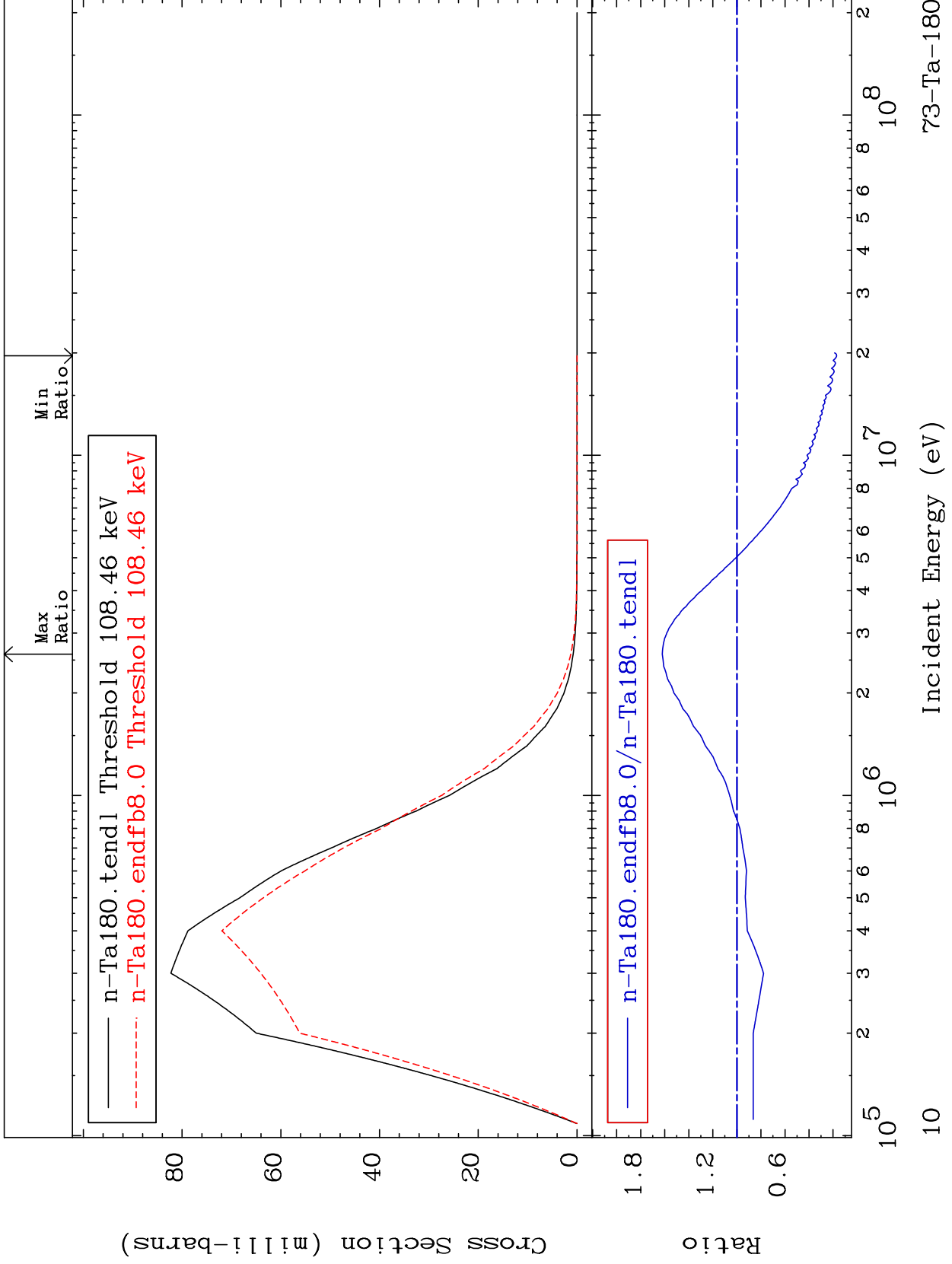
73-Ta-180  
-93.54 To 53.11 %



MAT 7325

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

<sup>73</sup>Ta-<sup>180</sup>  
-82.97 To 62.03 %

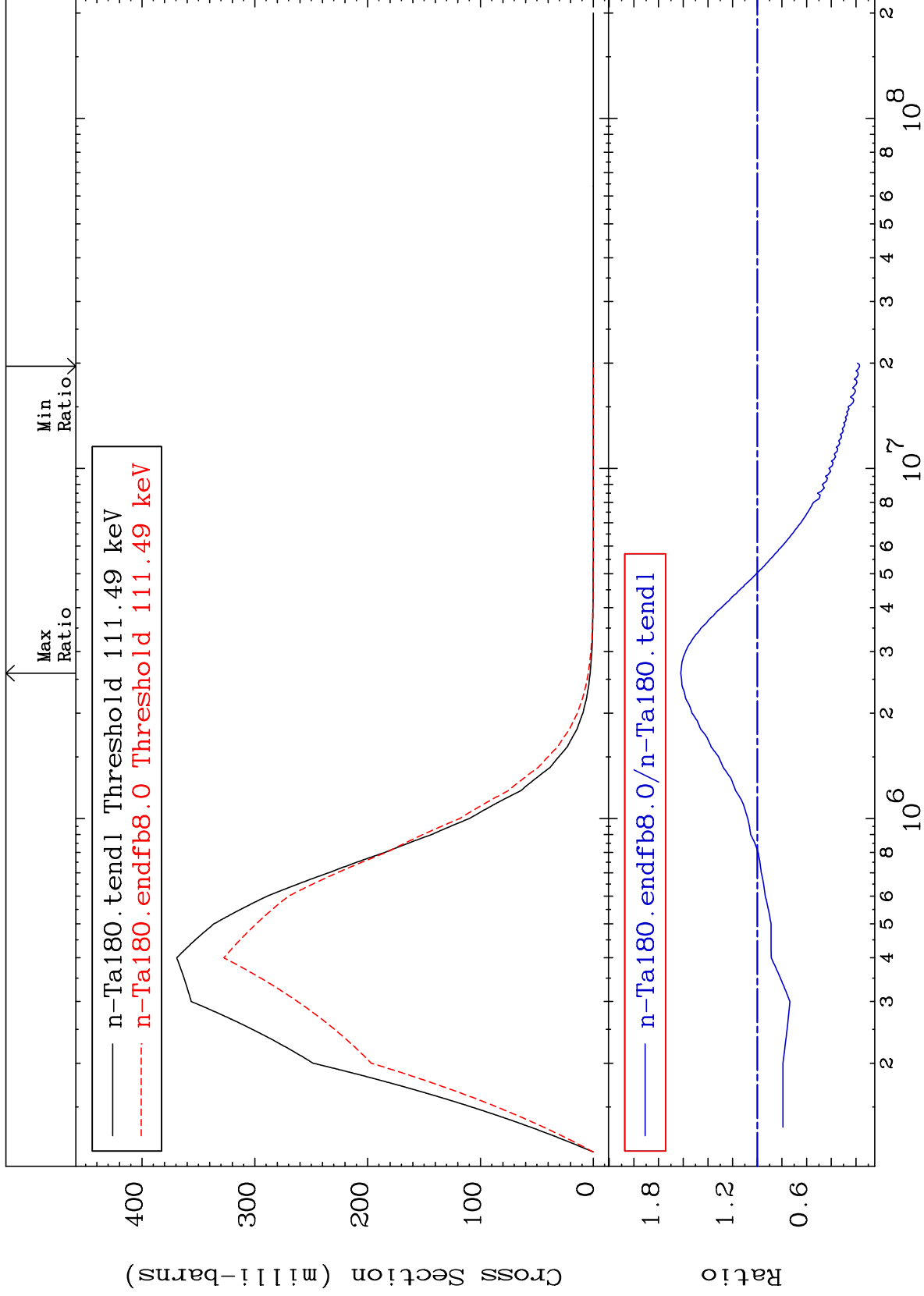


<sup>73</sup>Ta-<sup>180</sup>

MAT 7325

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

<sup>73</sup>Ta-180  
-82.92 To 61.99 %



11

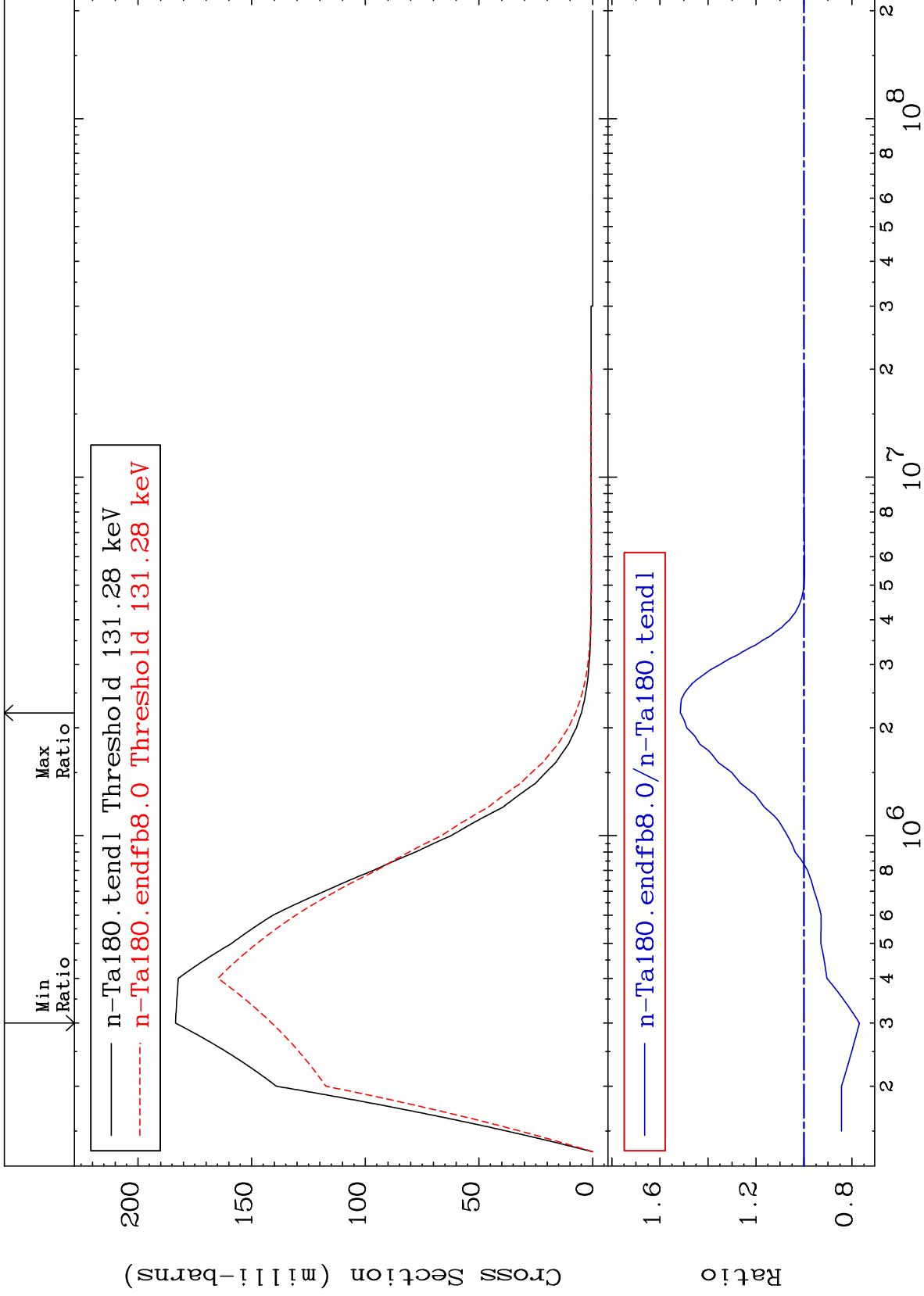
Incident Energy (eV)

<sup>73</sup>Ta-180

MAT 7325

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

<sup>73</sup>Ta-180  
-23.09 To 51.50 %



12

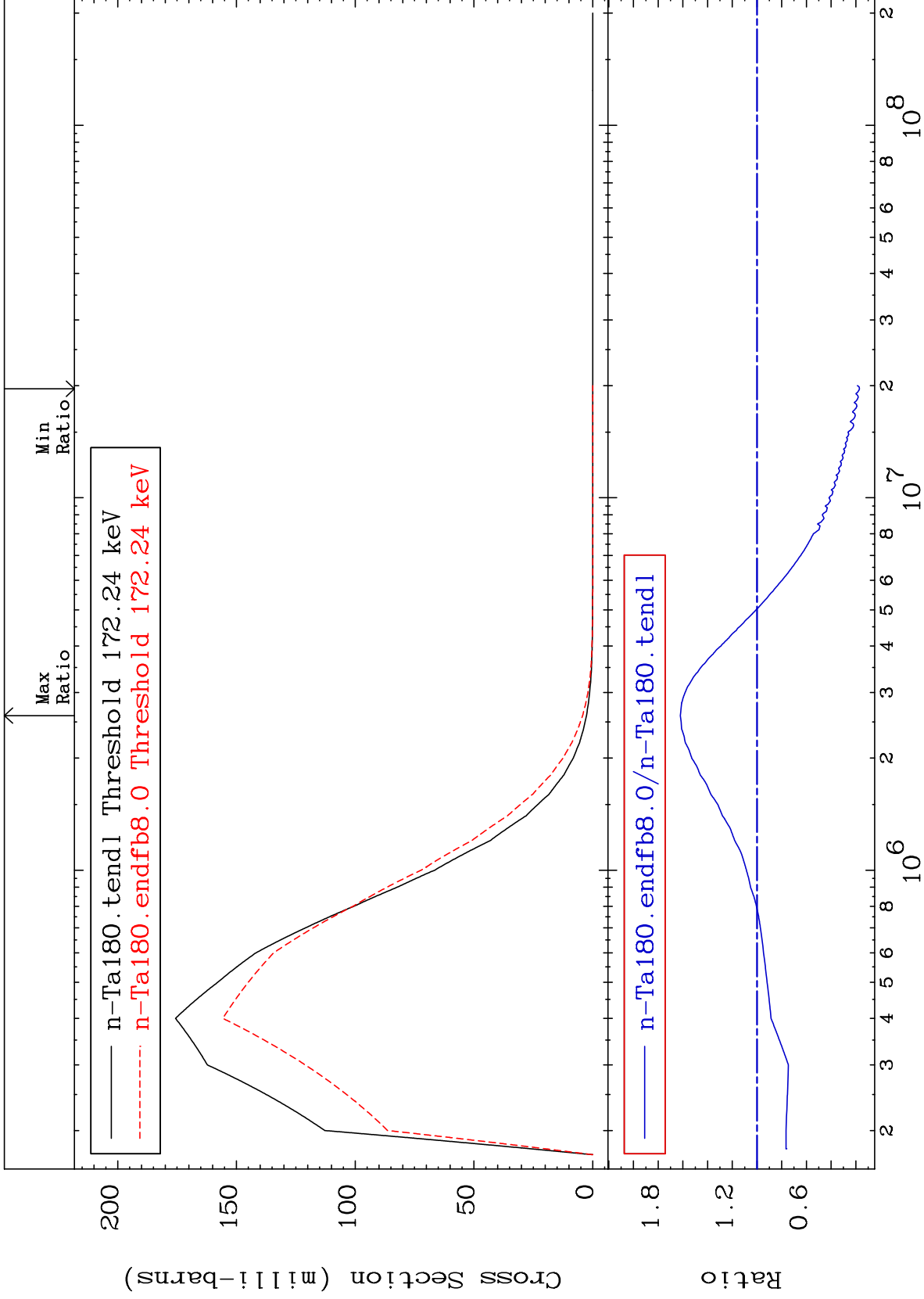
Incident Energy (eV)

<sup>73</sup>Ta-180

MAT 7325

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

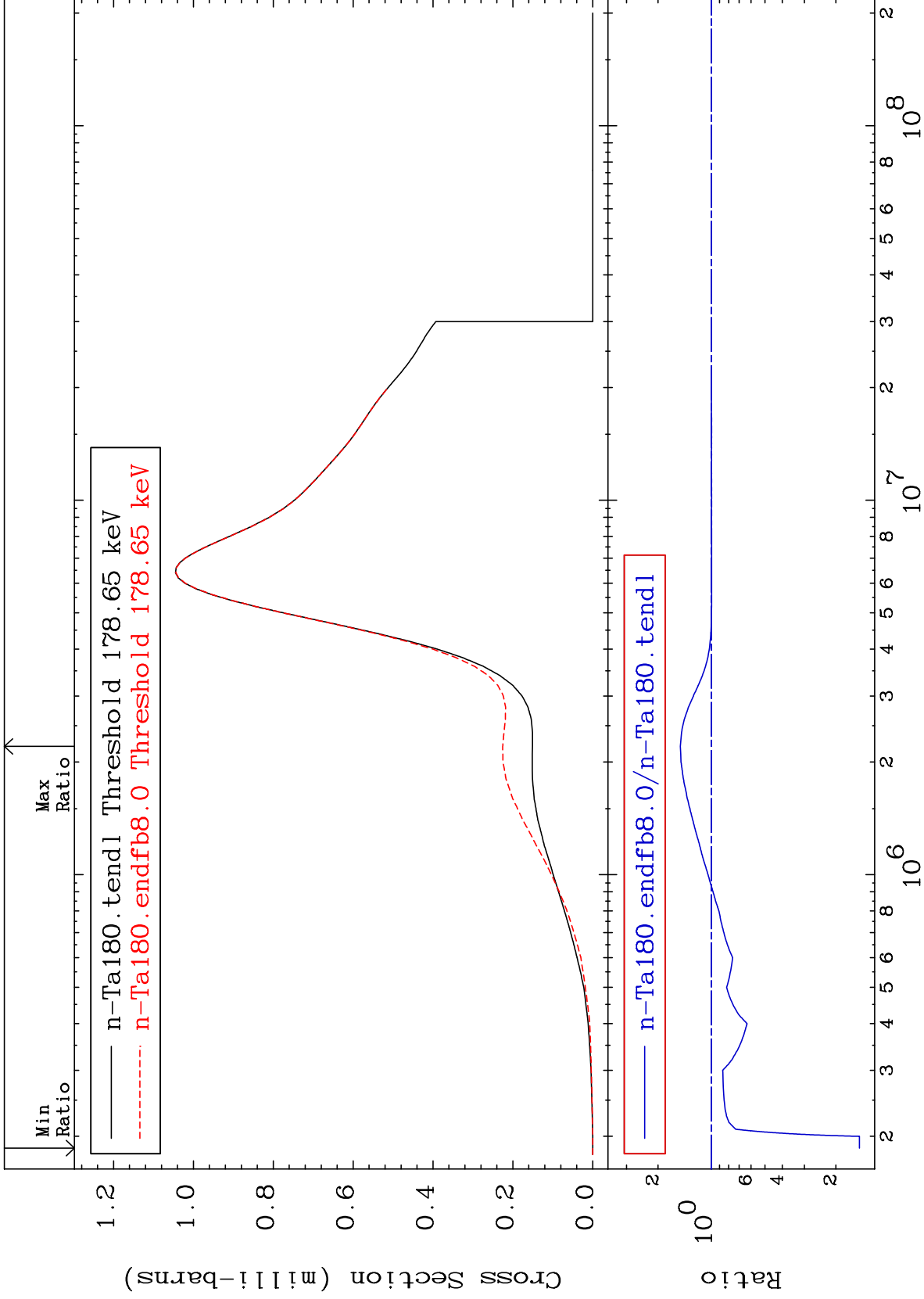
<sup>73</sup>Ta-<sup>180</sup>  
-82.93 To 62.05 %



MAT 7325

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

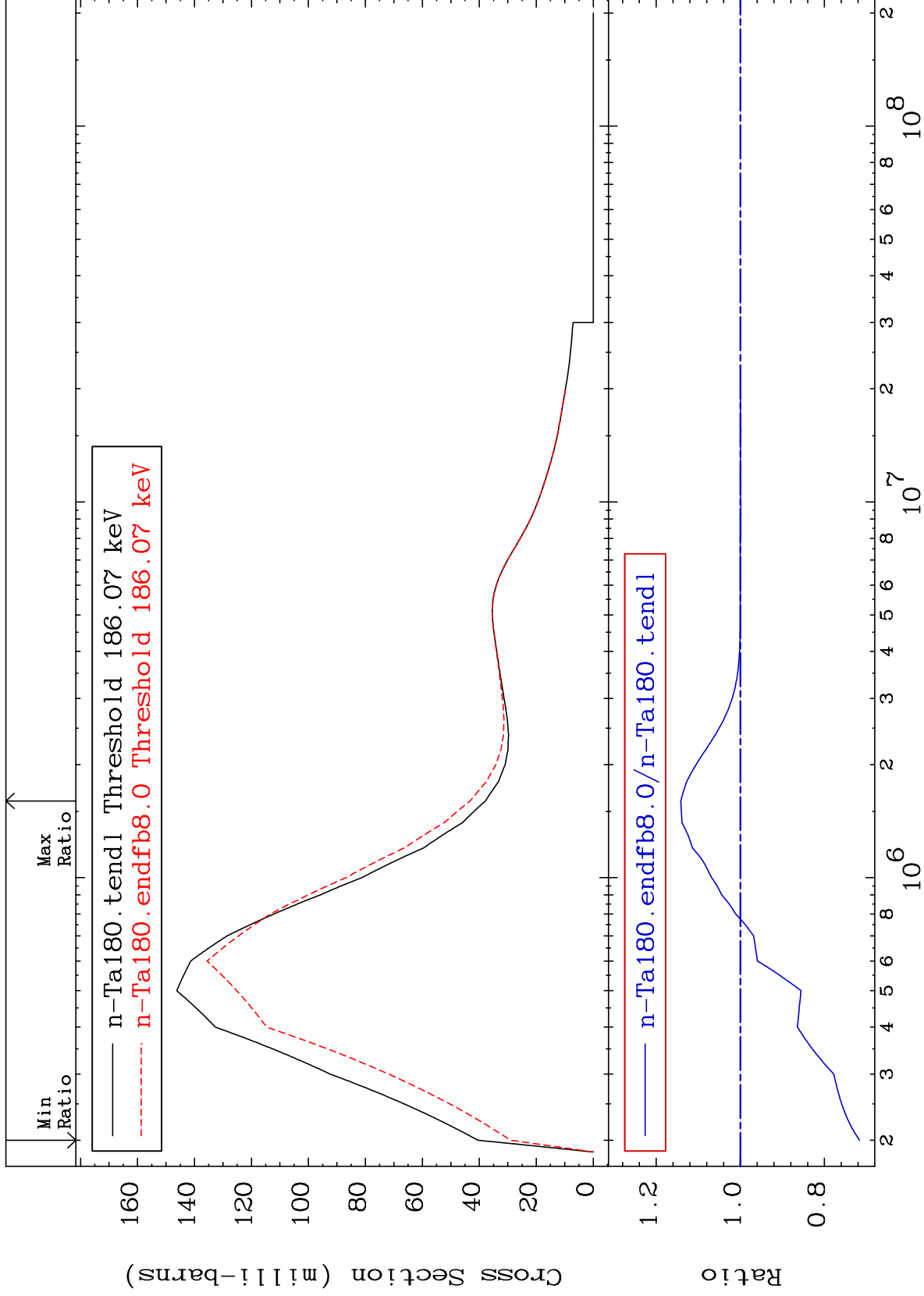
73-Ta-180  
-85.27 To 49.60 %



MAT 7325

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

<sup>73</sup>Ta-180  
-28.35 To 14.16 %



15

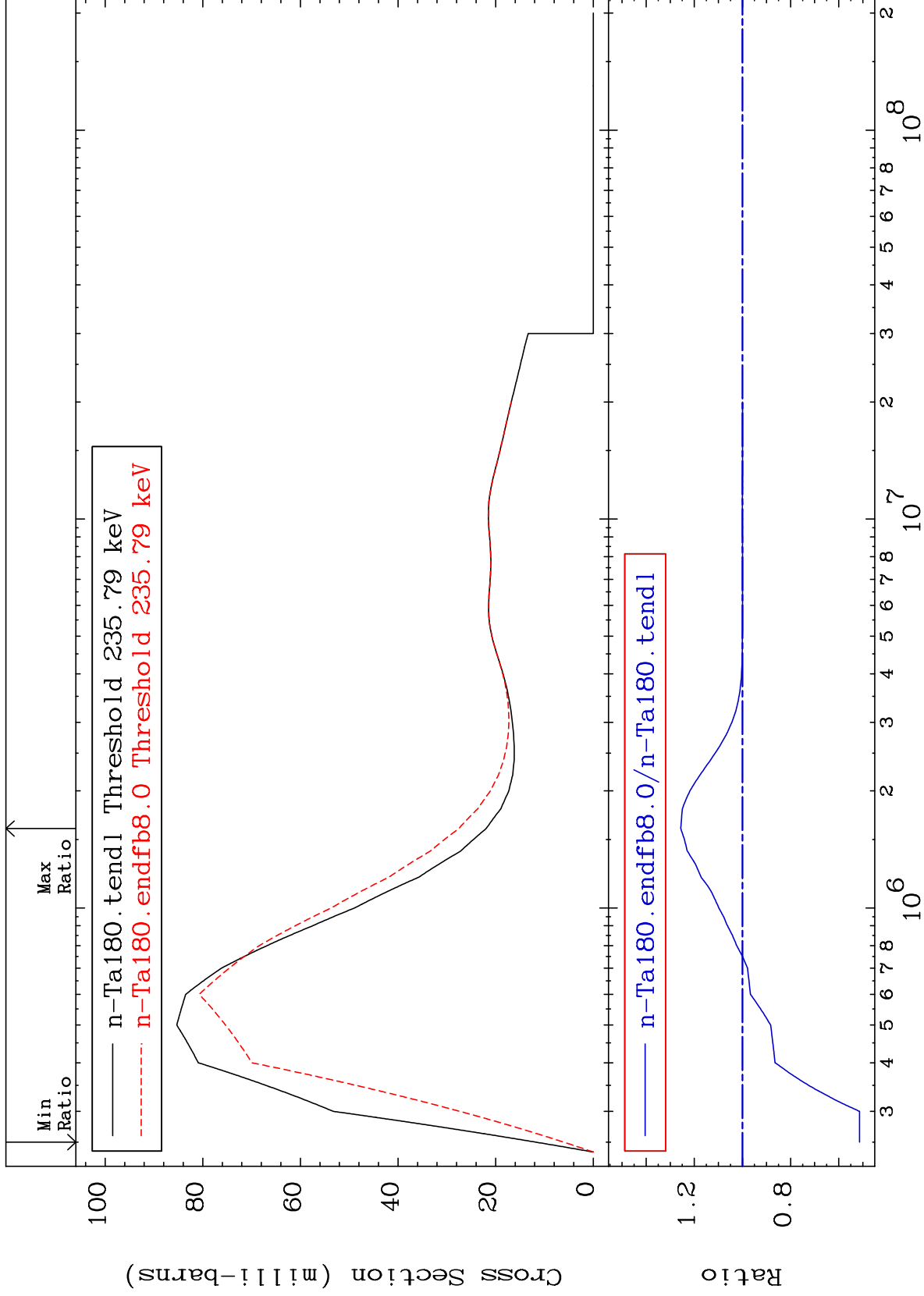
Incident Energy (eV)

<sup>73</sup>Ta-180

MAT 7325

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

<sup>73</sup>Ta-180  
-48.64 To 25.62 %



16

Incident Energy (eV)

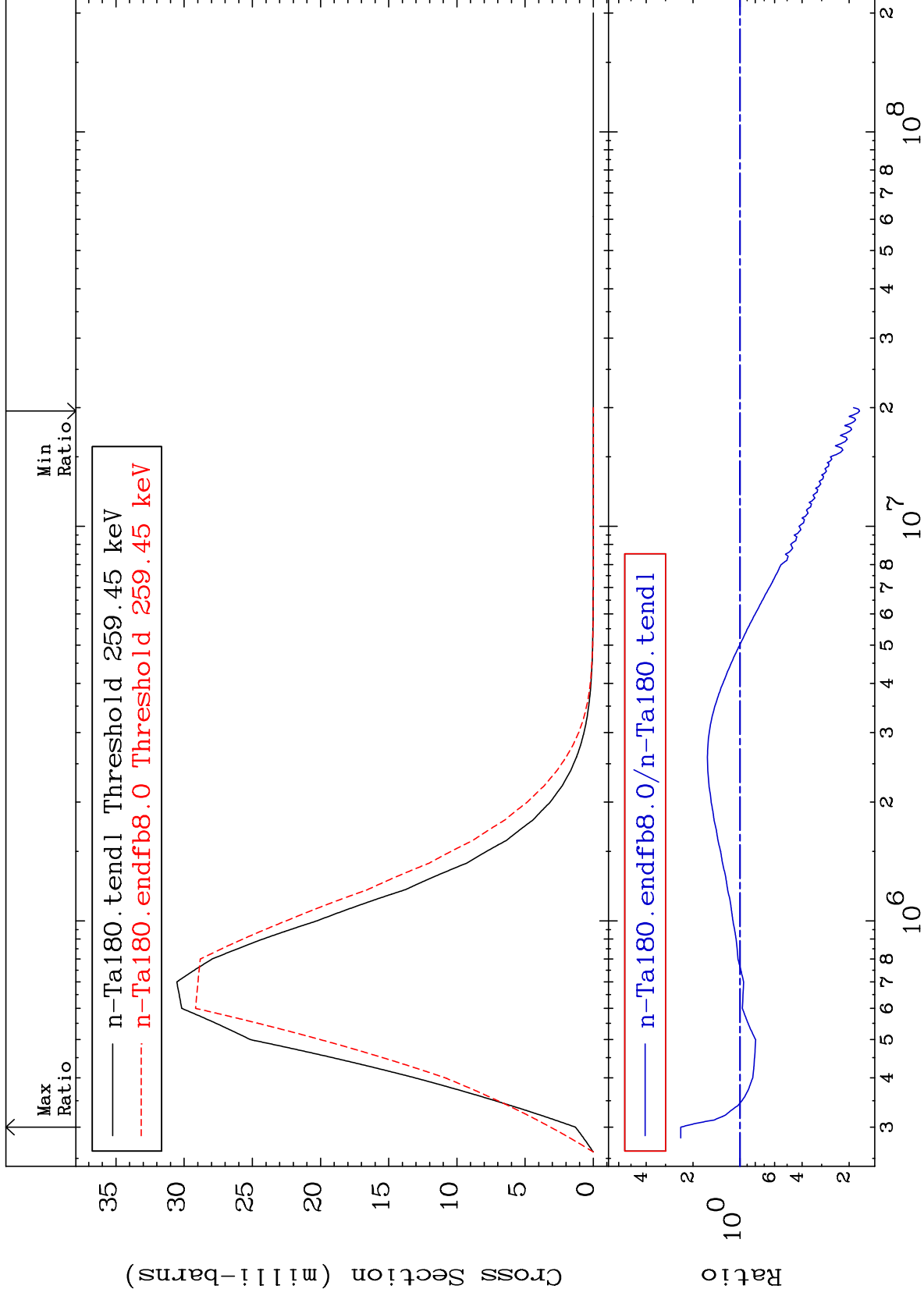
<sup>73</sup>Ta-180



MAT 7325

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

<sup>73</sup>Ta-180  
-82.84 To 139.9 %



17

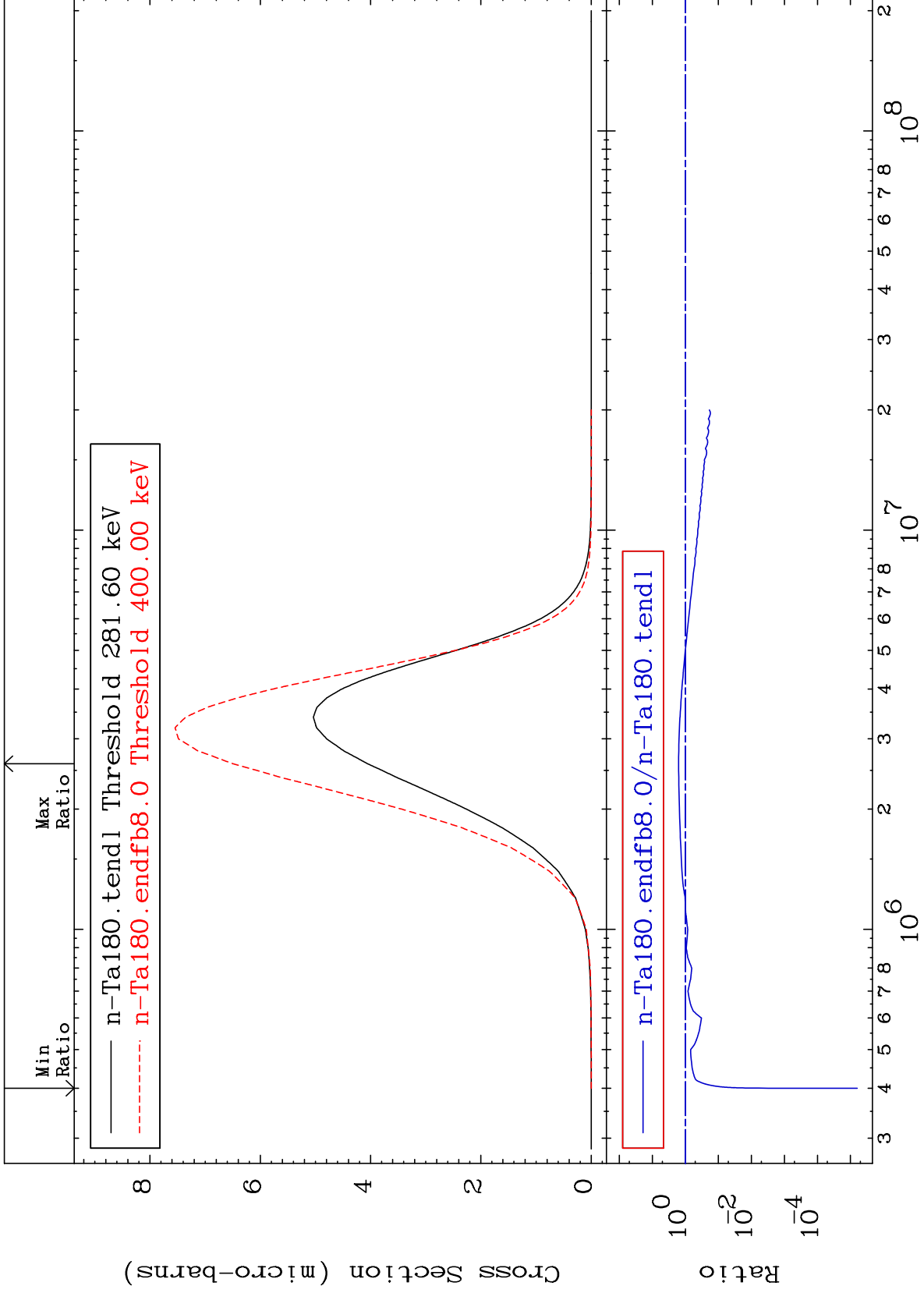
Incident Energy (eV)

<sup>73</sup>Ta-180

MAT 7325

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

73-Ta-180  
-100.0 To 60.16 %



18

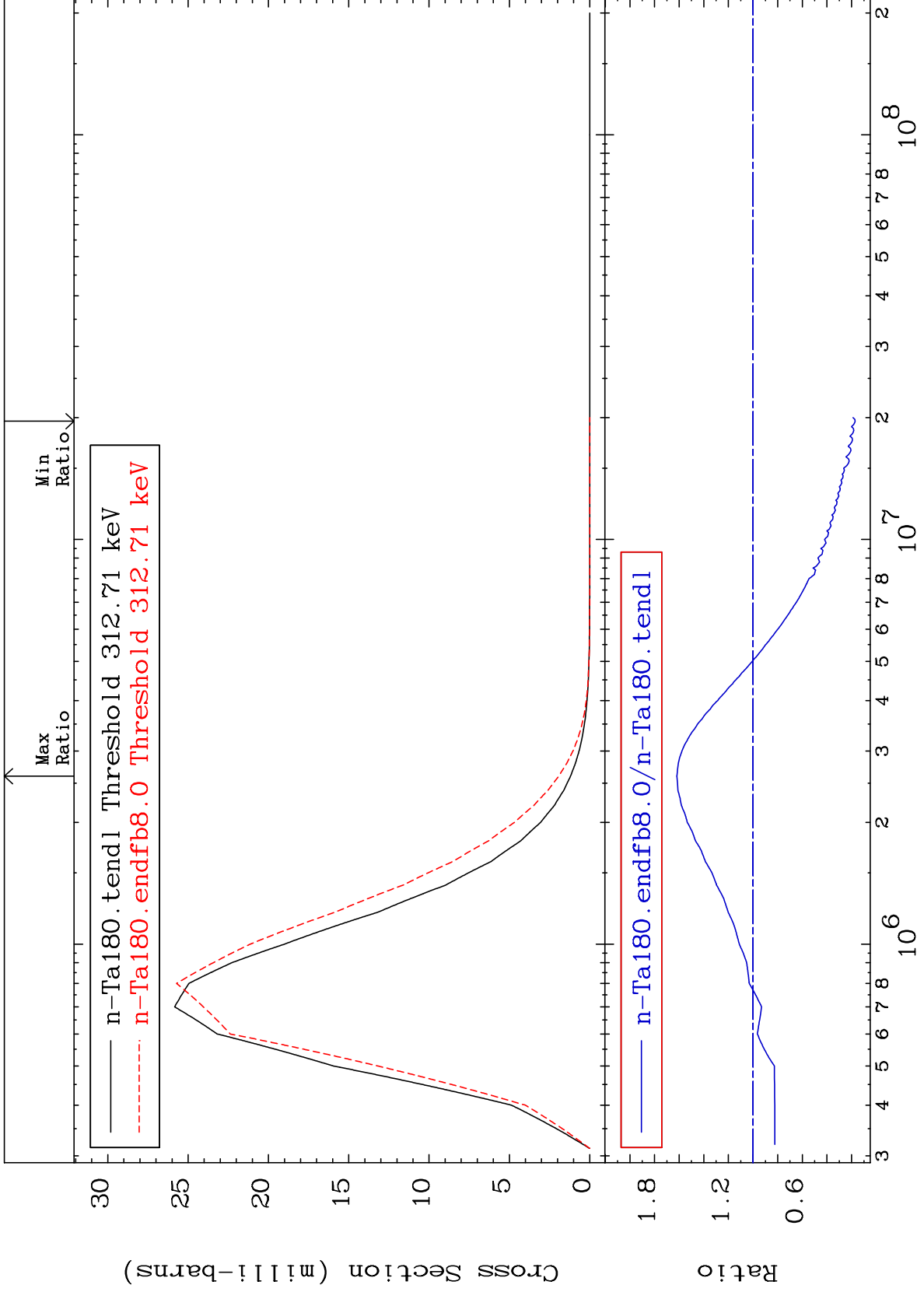
Incident Energy (eV)

73-Ta-180

MAT 7325

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

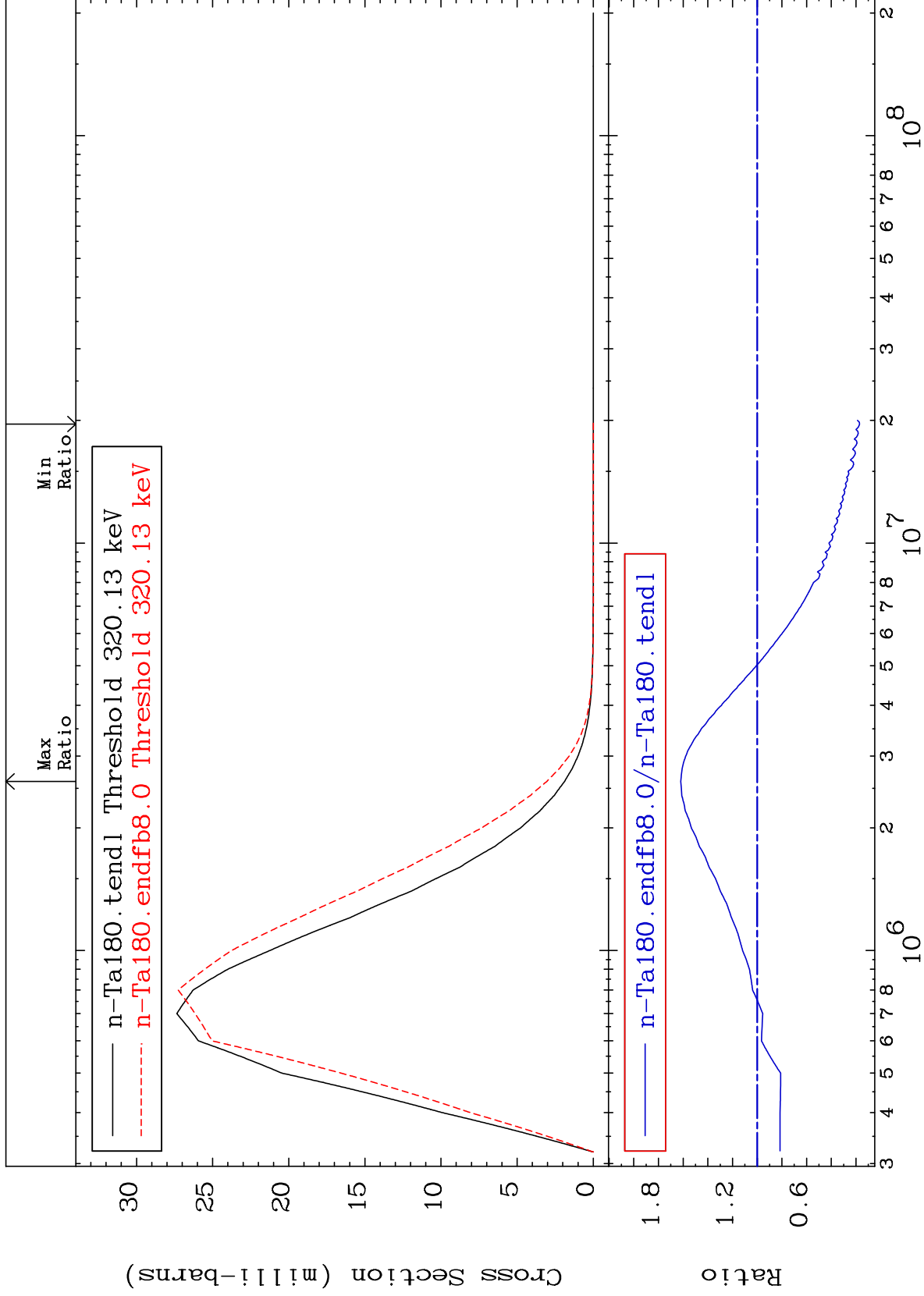
<sup>73</sup>Ta-180  
-82.84 To 61.82 %



MAT 7325

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

<sup>73</sup>Ta-<sup>180</sup>  
-82.88 To 61.94 %



20

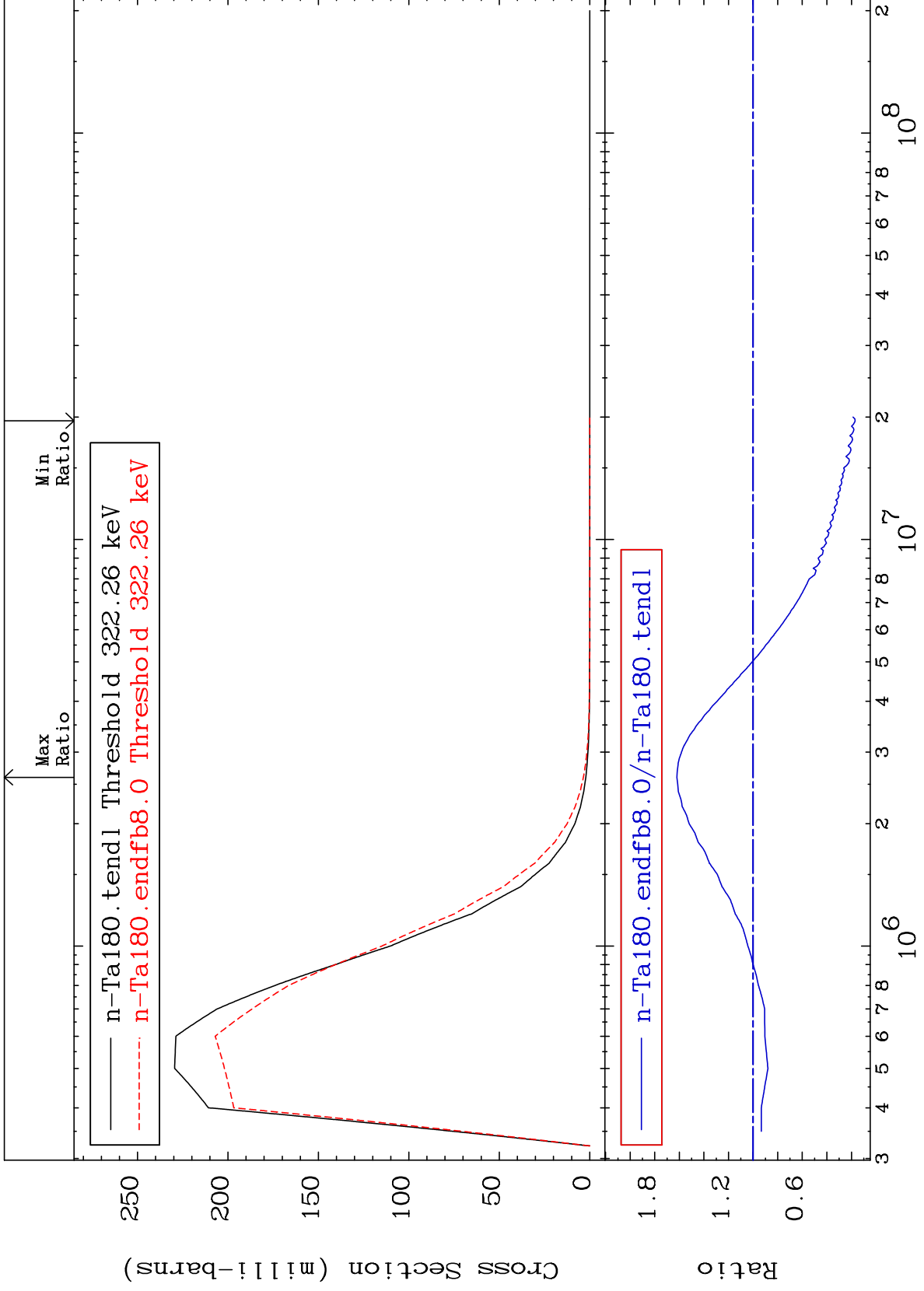
Incident Energy (eV)

<sup>73</sup>Ta-<sup>180</sup>

MAT 7325

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

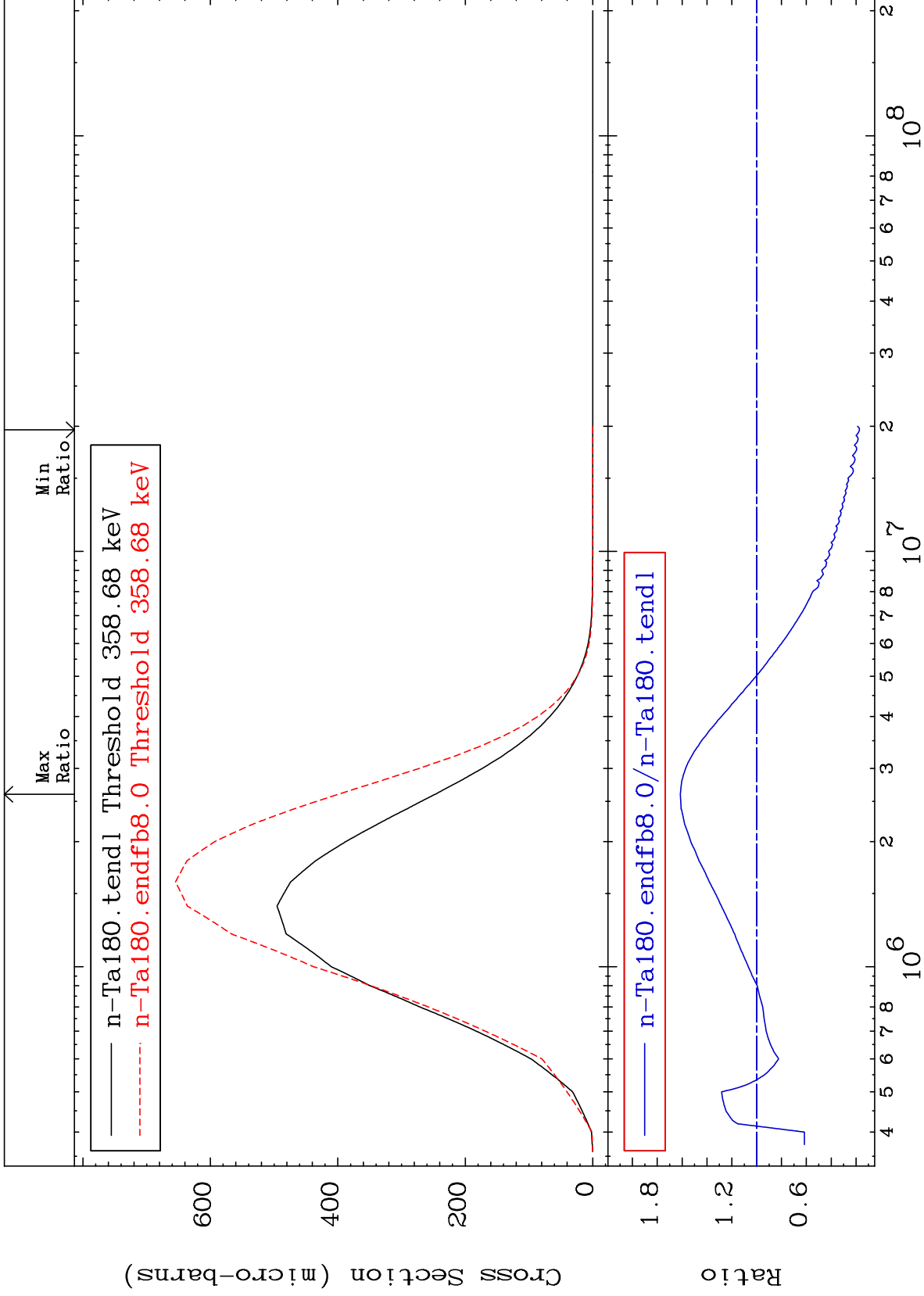
<sup>73</sup>Ta-180  
-82.95 To 61.97 %



MAT 7325

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

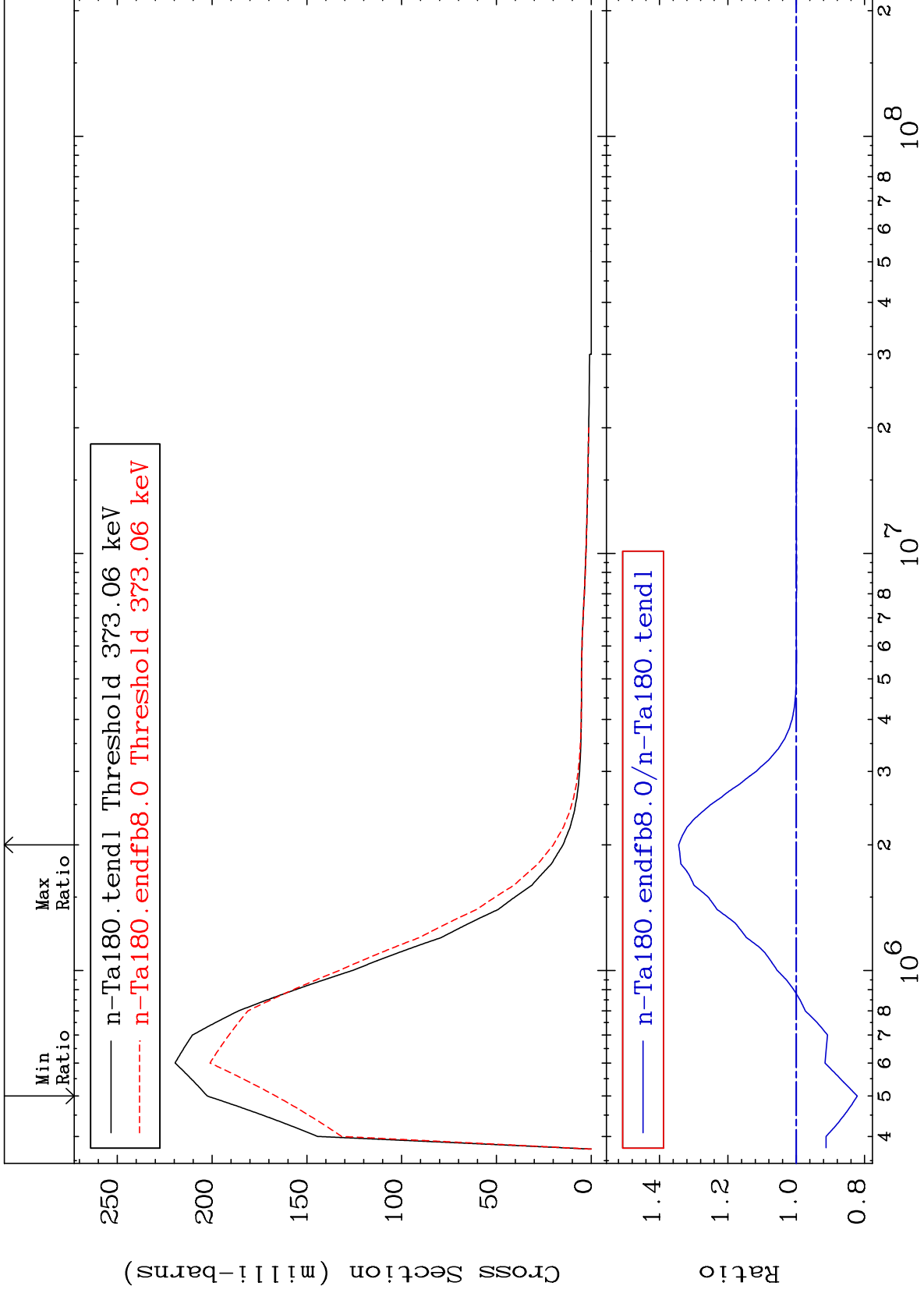
<sup>73</sup>Ta-180  
-82.73 To 61.41 %



MAT 7325

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

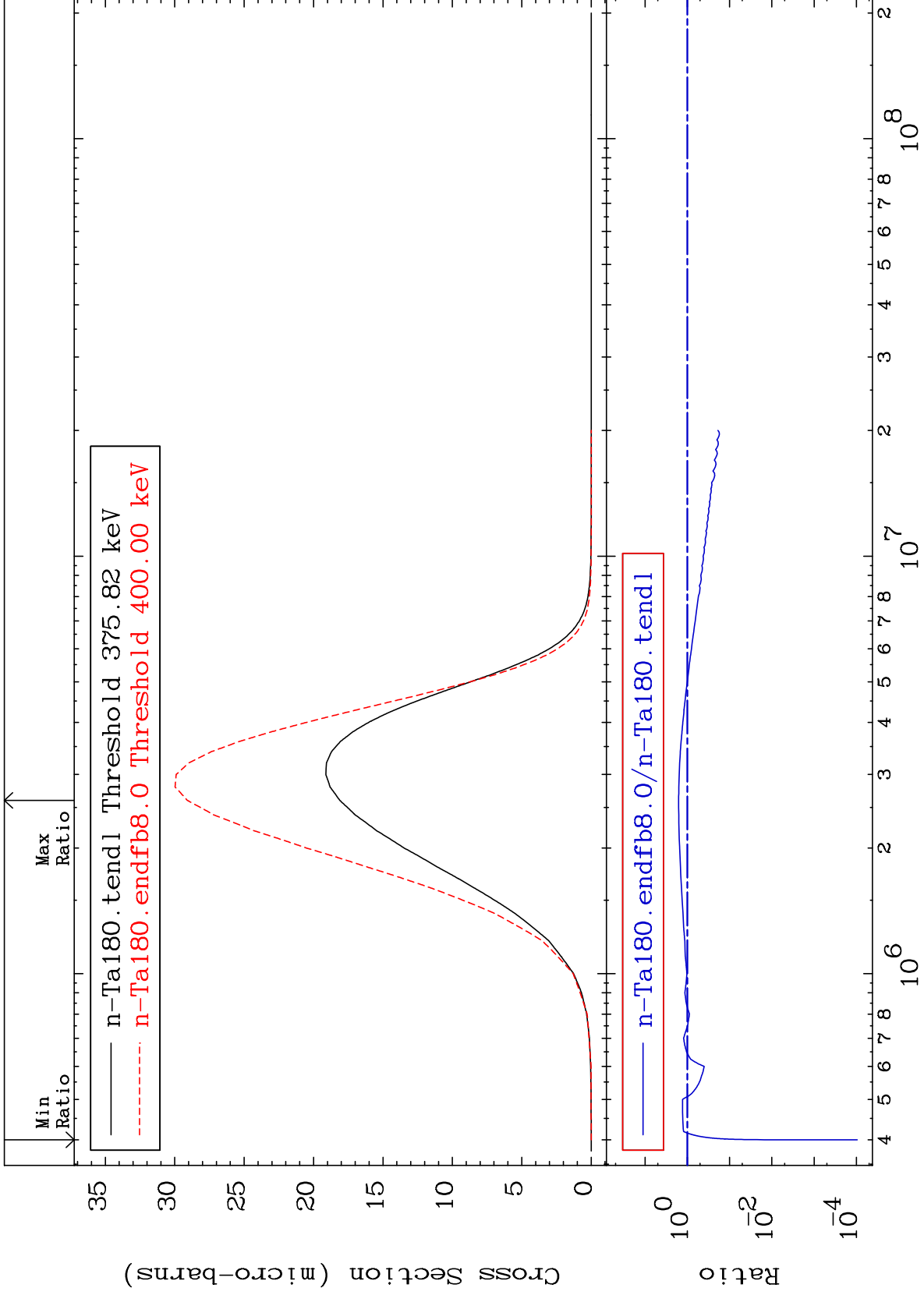
<sup>73</sup>Ta-<sup>180</sup>  
-17.84 To 34.41 %



MAT 7325

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

73-Ta-180  
-99.99 To 60.60 %

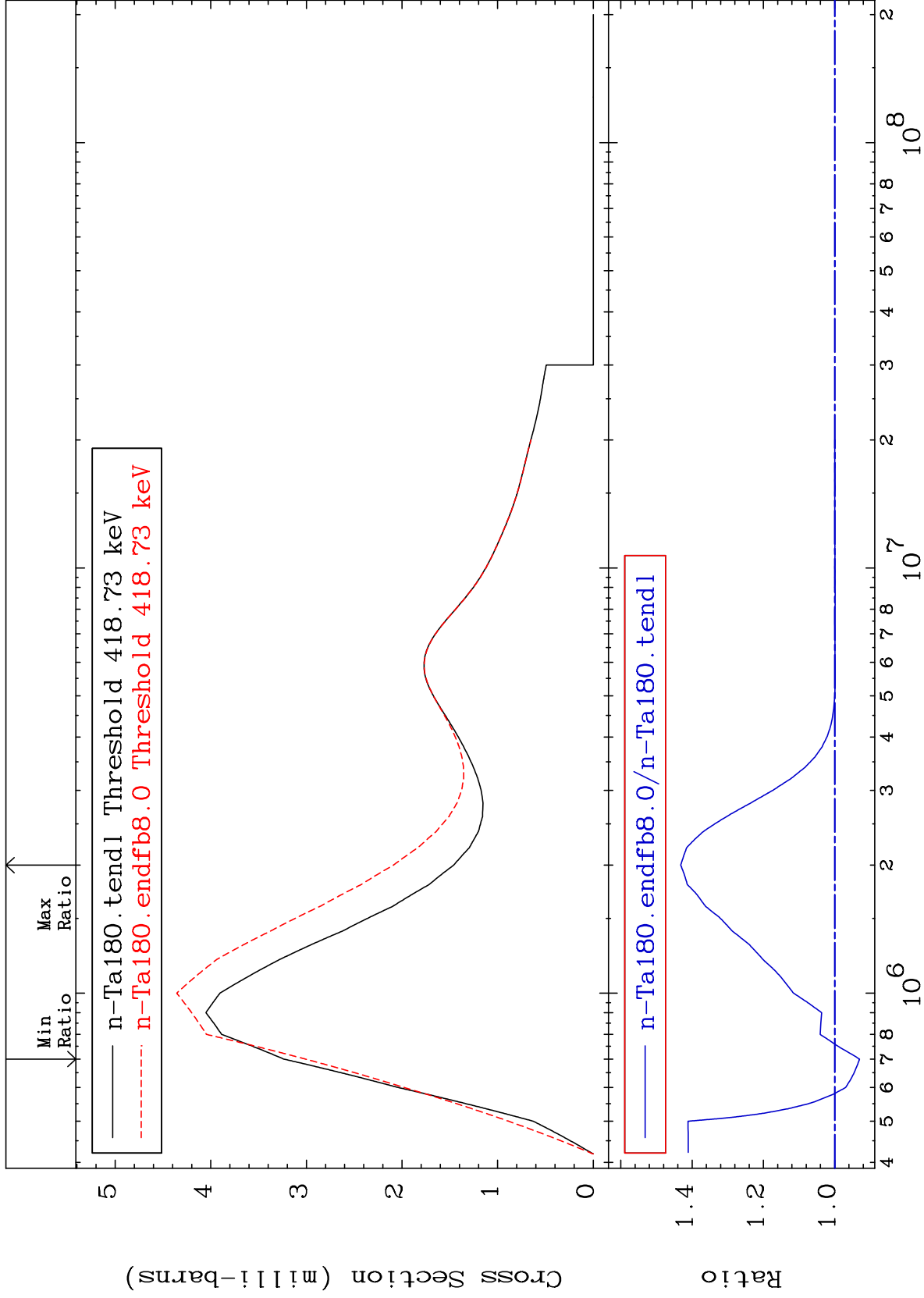




MAT 7325

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

<sup>73</sup>Ta-180  
-6.960 To 43.18 %



25

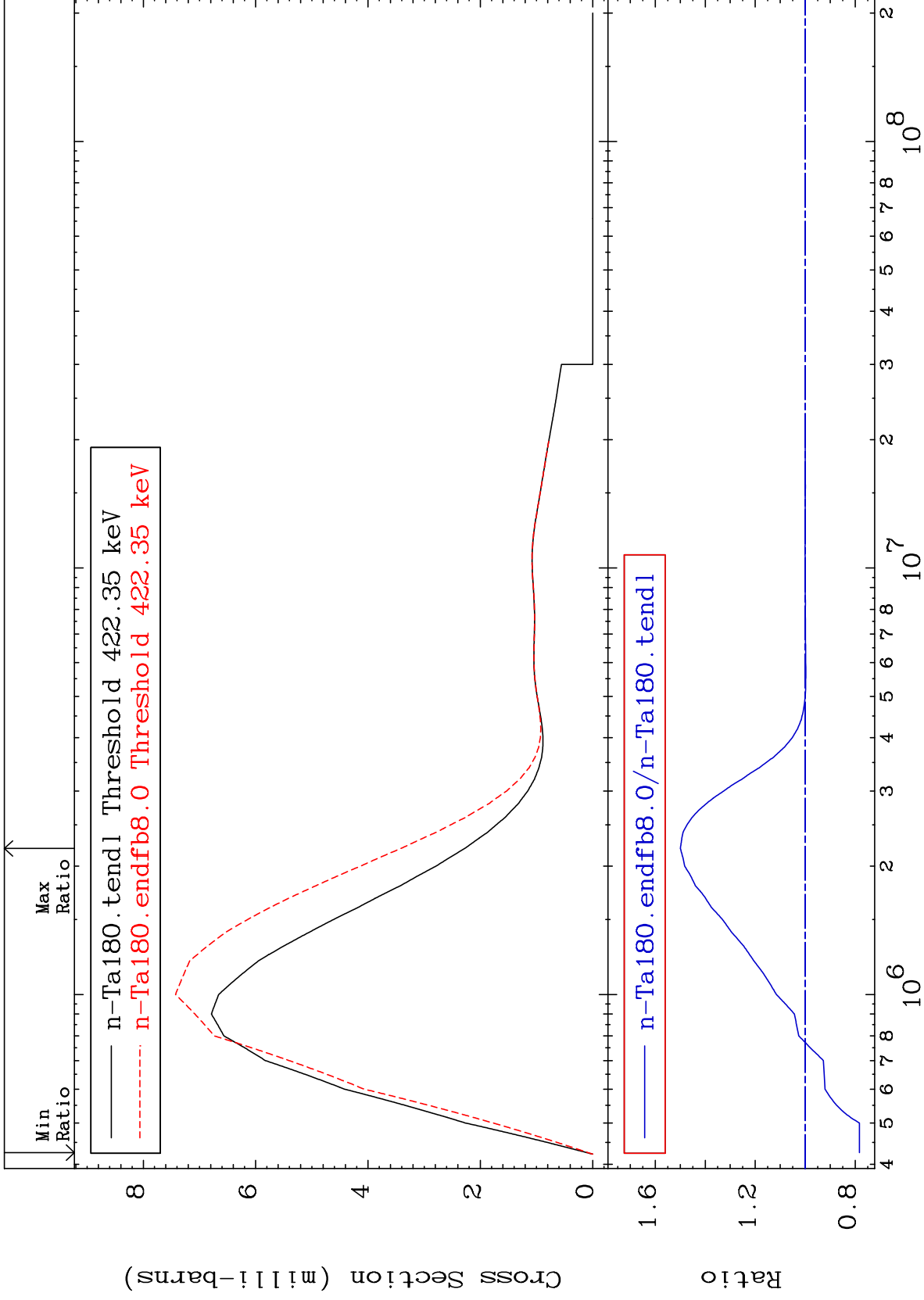
Incident Energy (eV)

<sup>73</sup>Ta-180

MAT 7325

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

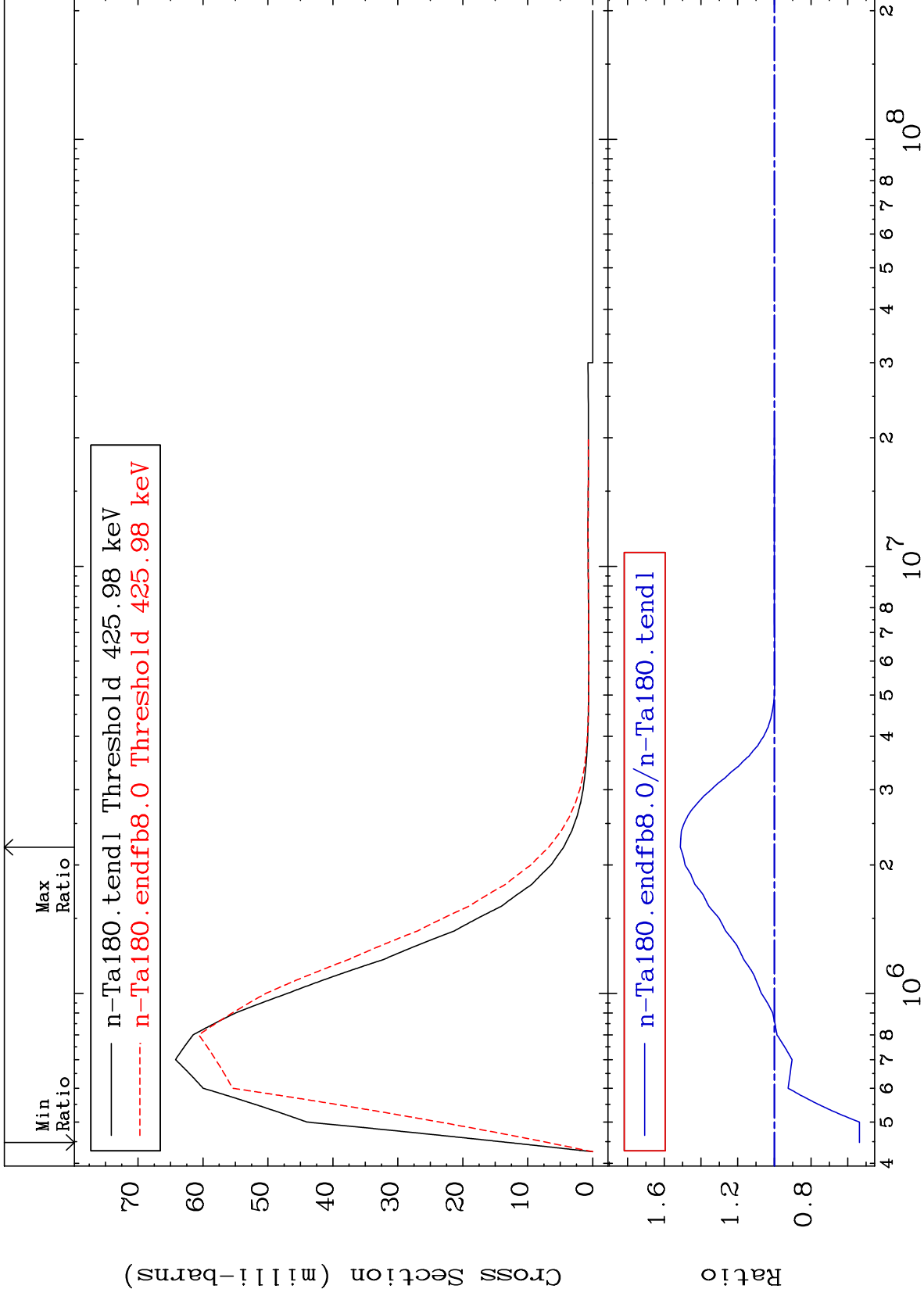
<sup>73</sup>Ta-<sup>180</sup>  
-21.68 To 49.95 %

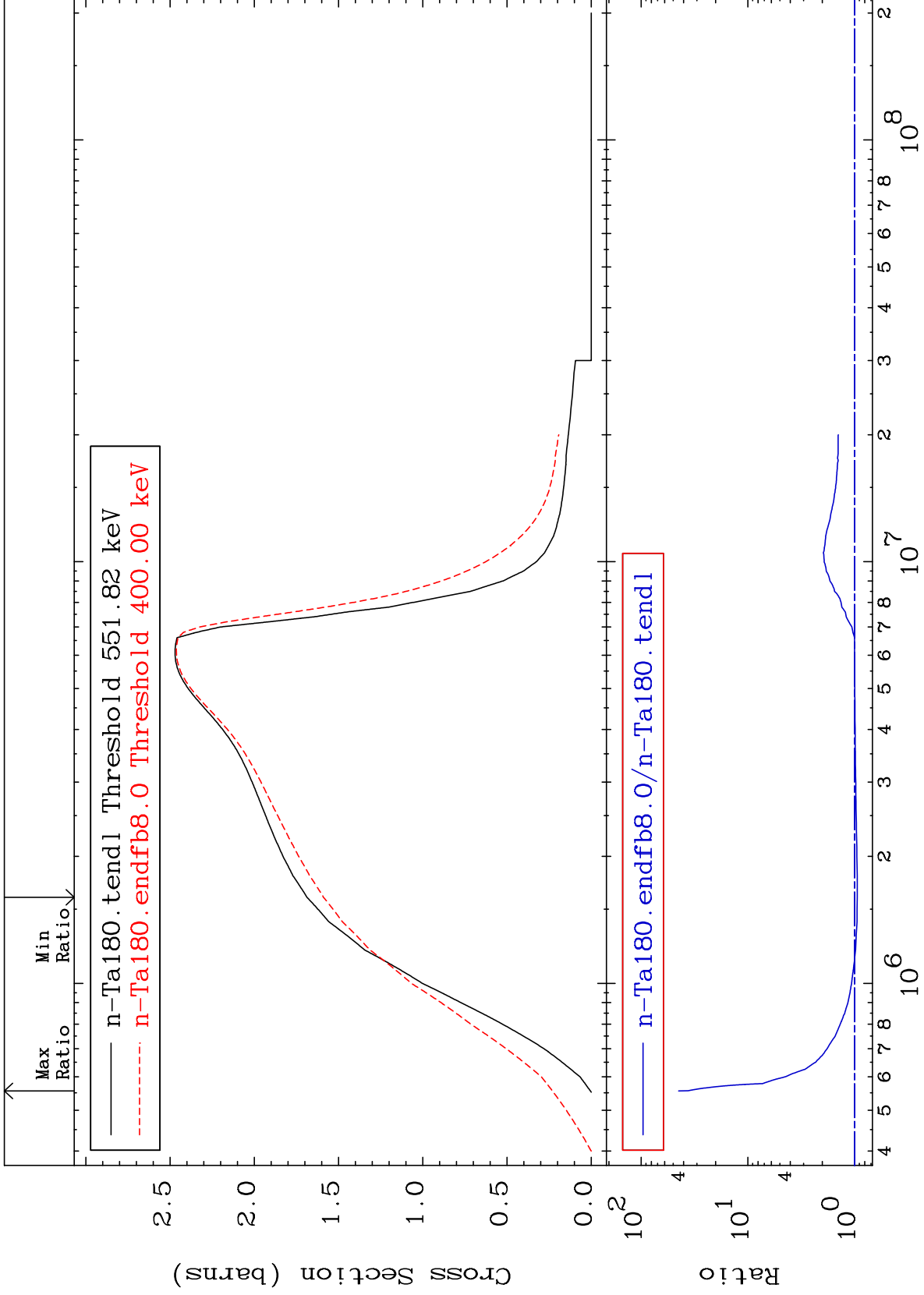


MAT 7325

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

73-Ta-180  
-46.40 To 51.24 %

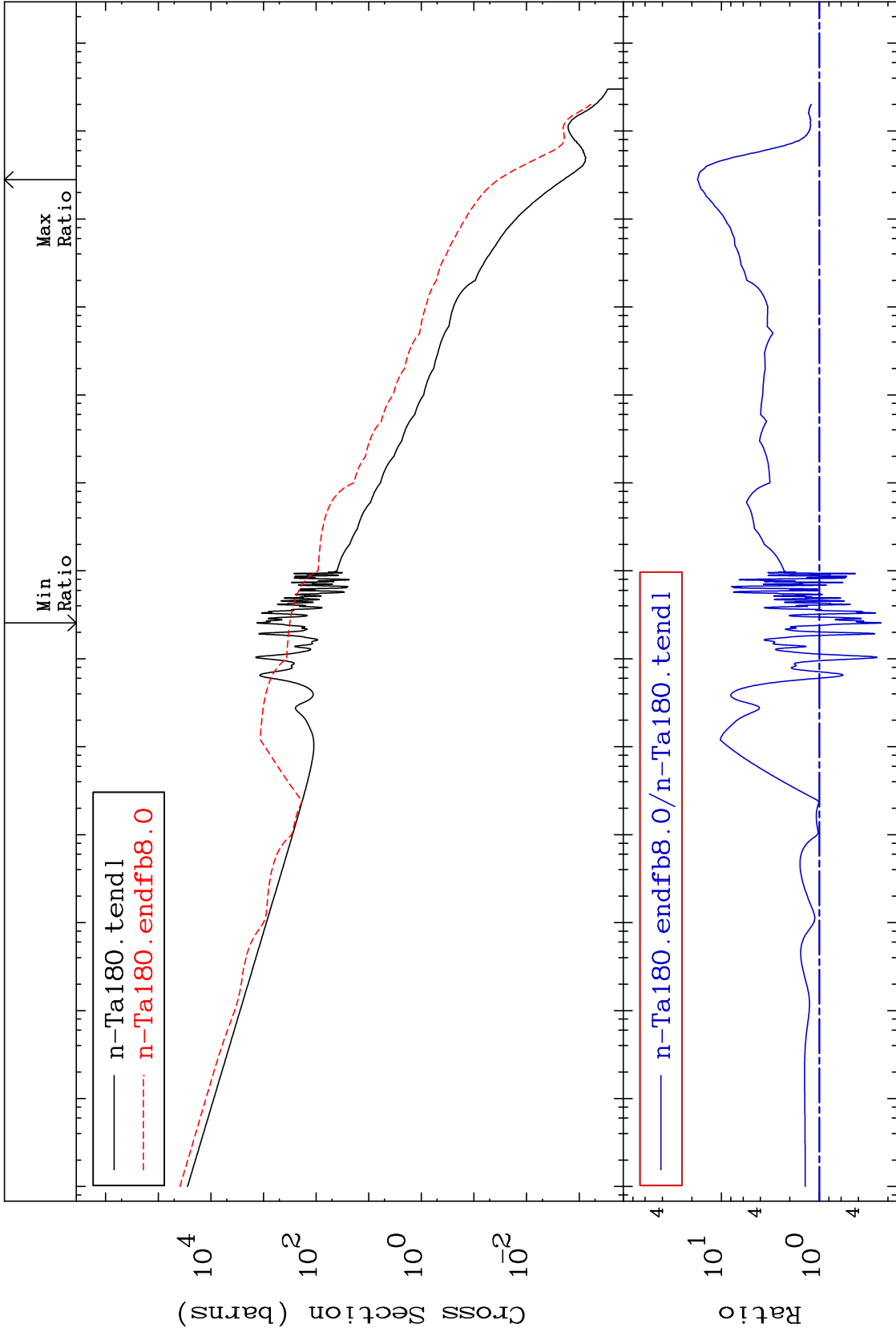




MAT 7325

(n,  $\gamma$ )  
Cross Section

73-Ta-180  
-76.50 To 1651. %



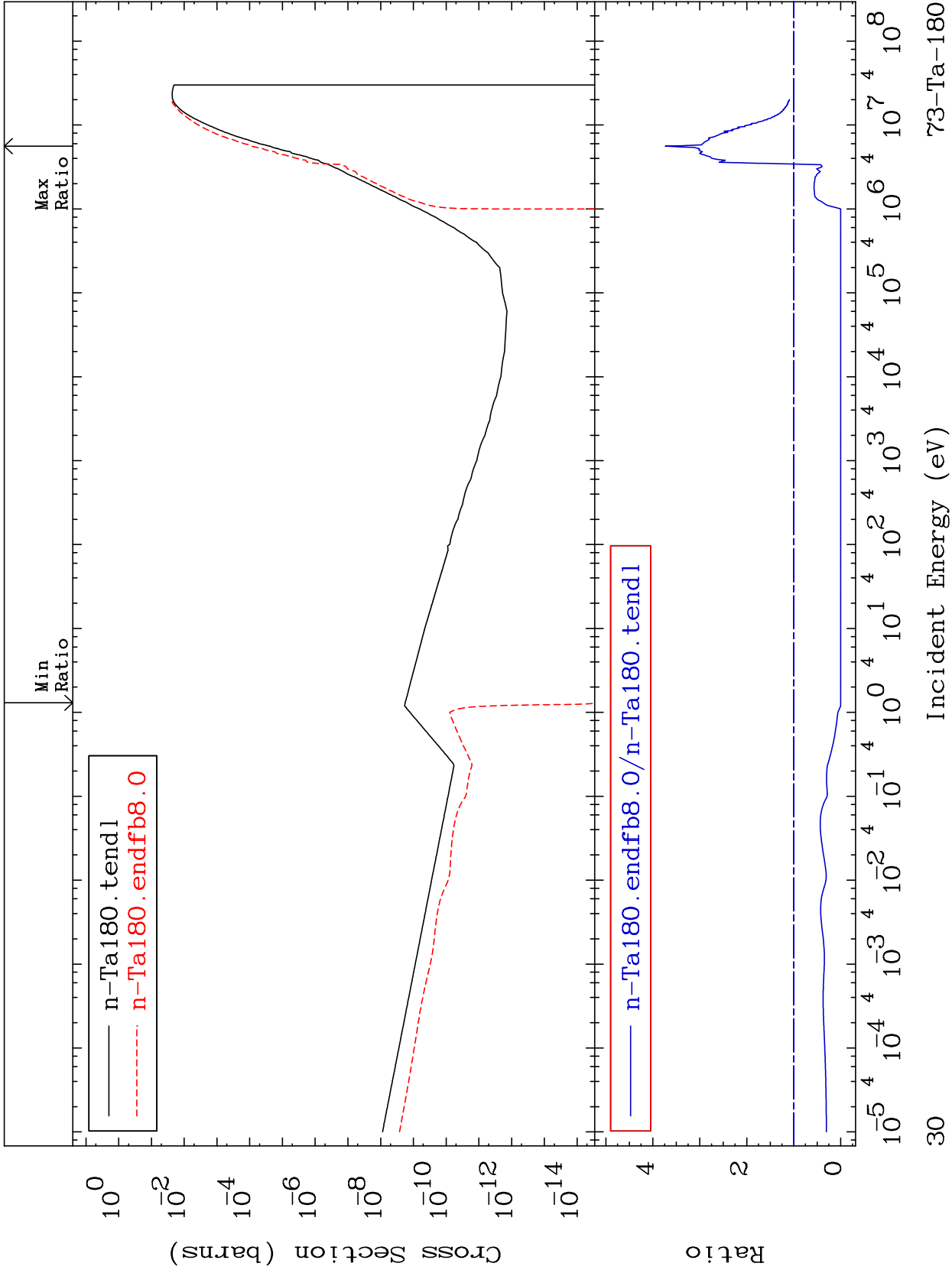
MAT 7325

(n, p)

<sup>73</sup>Ta-180

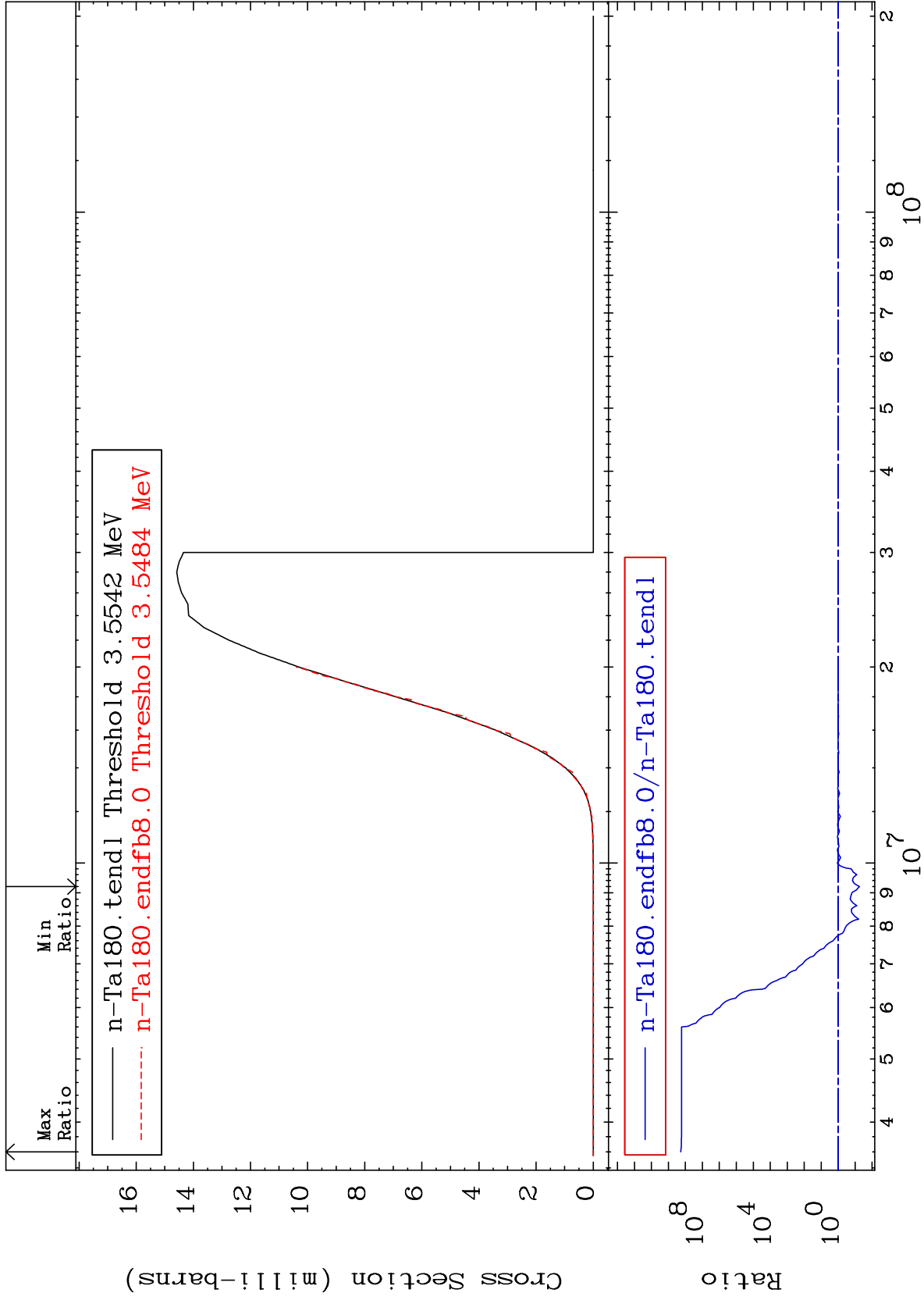
Cross Section

-100.0 To 273.0 %



Cross Section

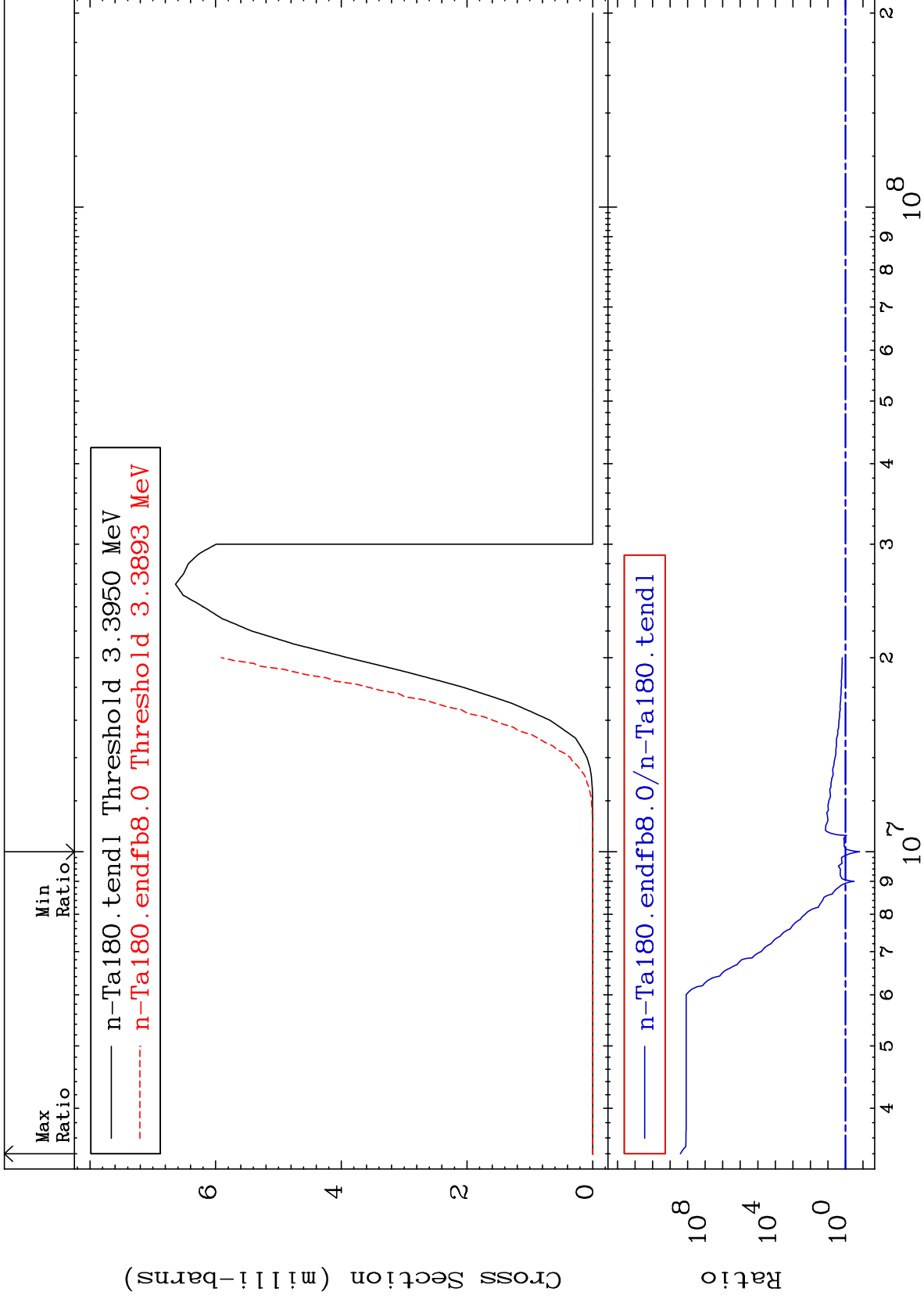
-94.49 To 9999. %



MAT 7325

(n, t)  
Cross Section

<sup>73</sup>Ta-180  
-84.17 To 9999. %



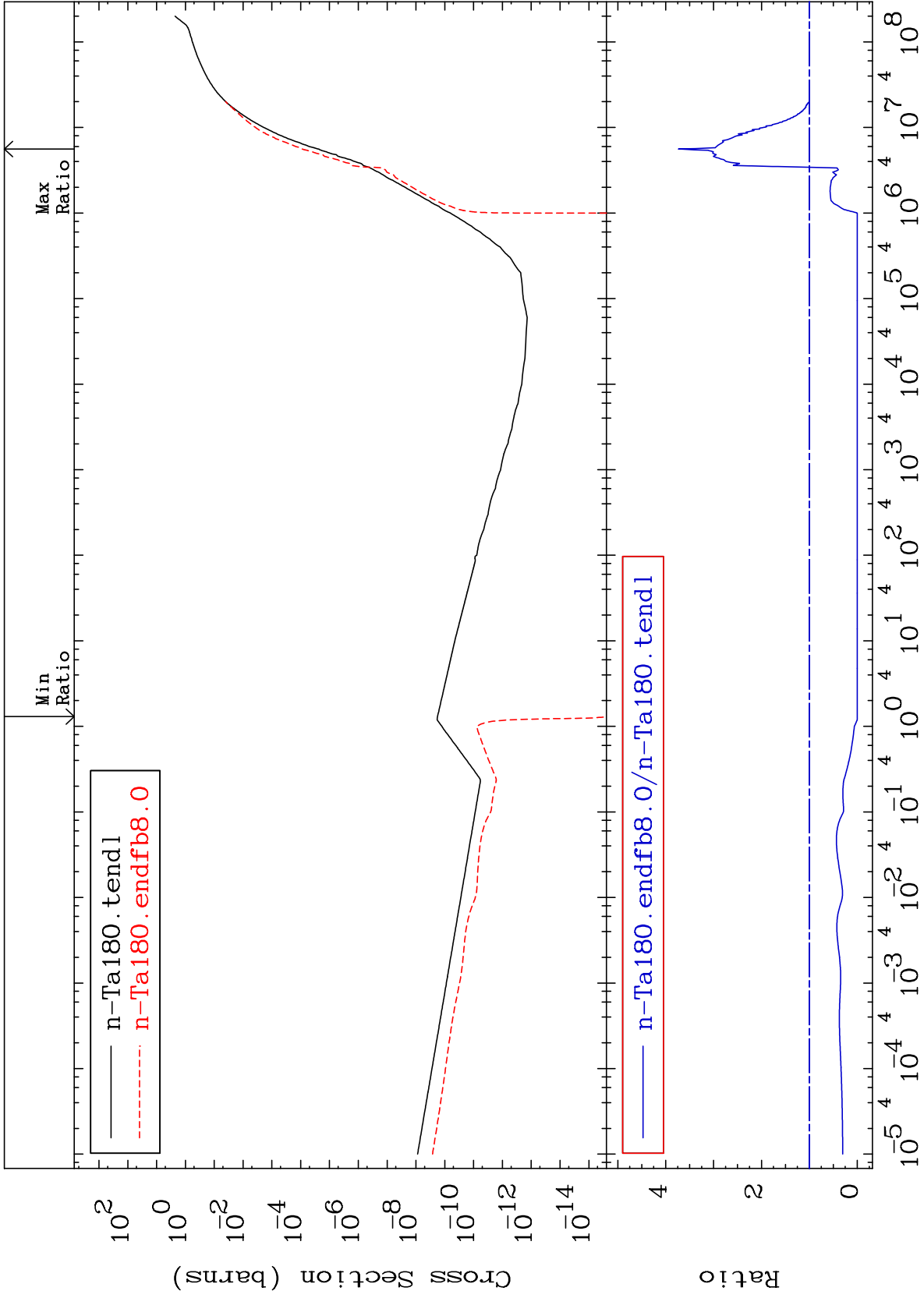


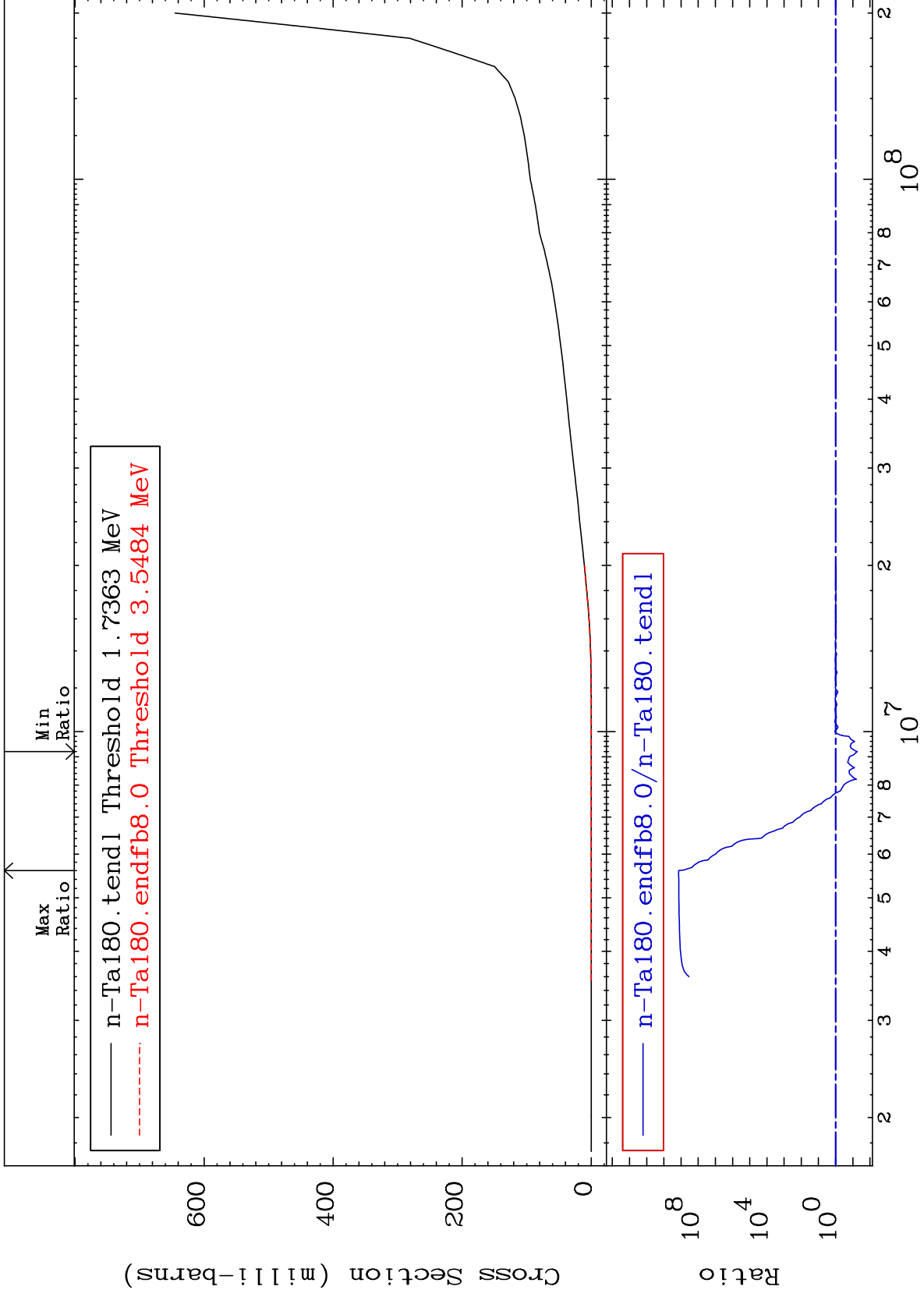


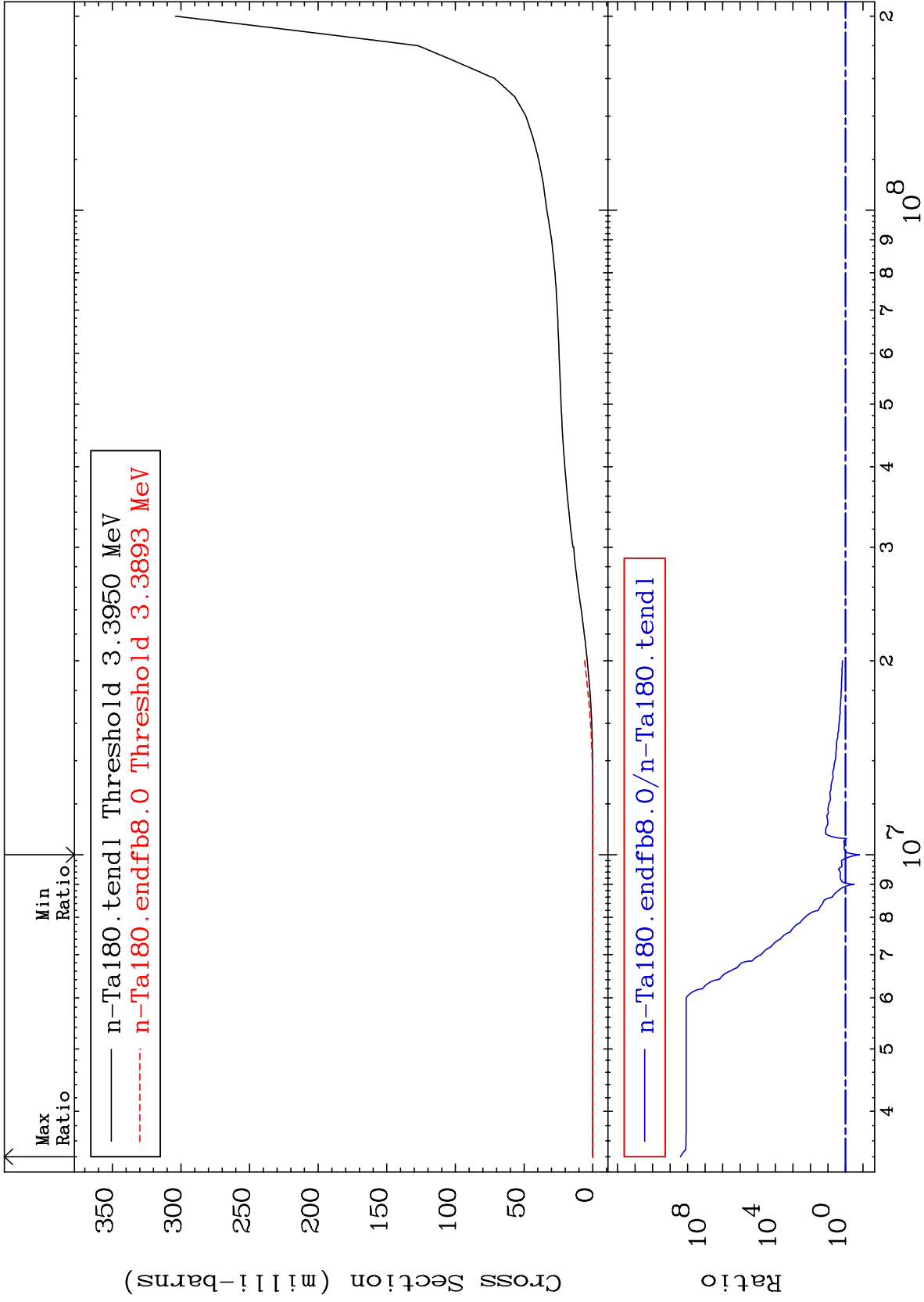
MAT 7325

Hydrogen Production  
Cross Section

$^{73}\text{Ta-180}$   
-100.0 To 273.0 %



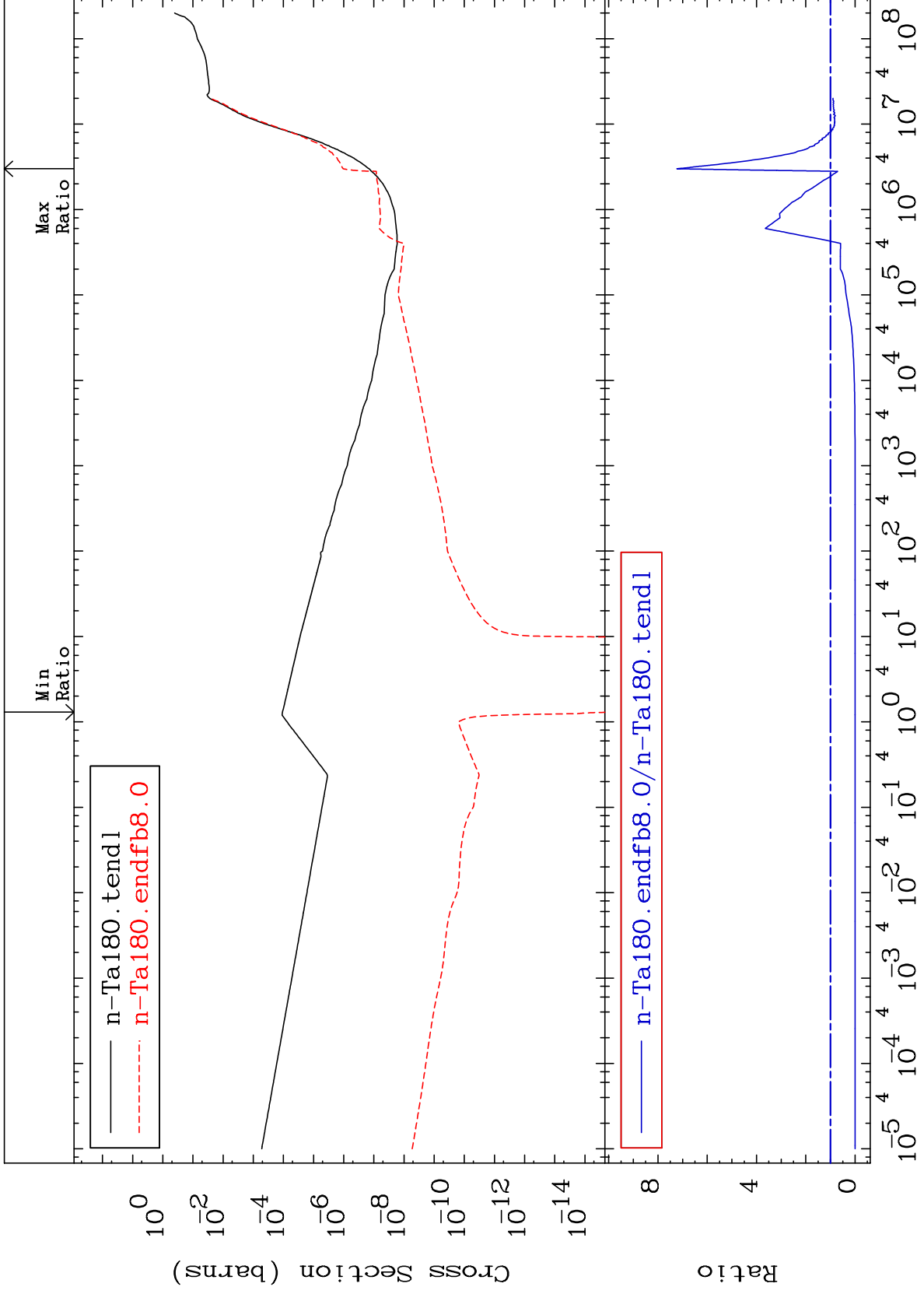




MAT 7325

He-4 Production  
Cross Section

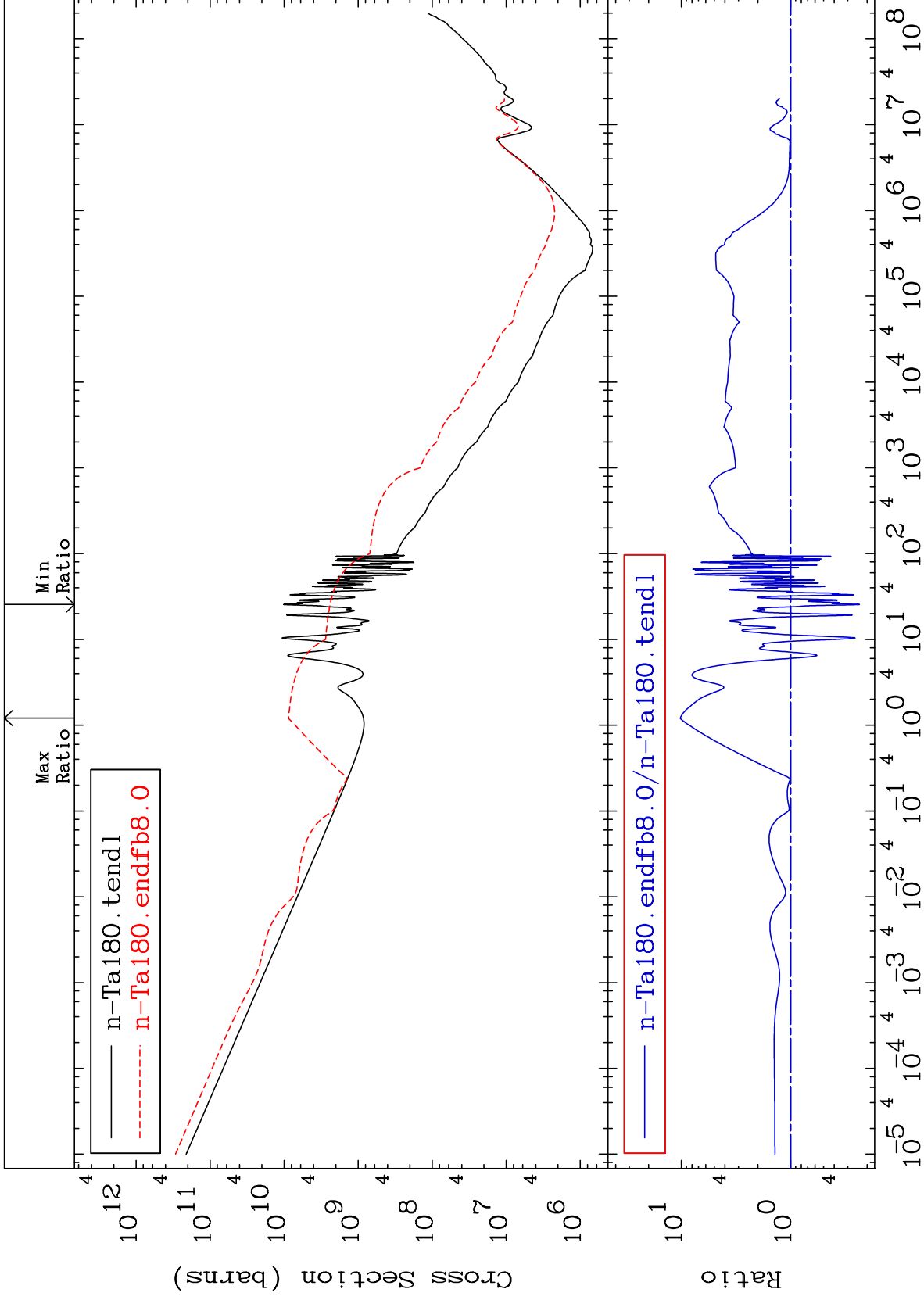
<sup>73</sup>Ta-<sup>180</sup>  
-100.0 To 623.1 %

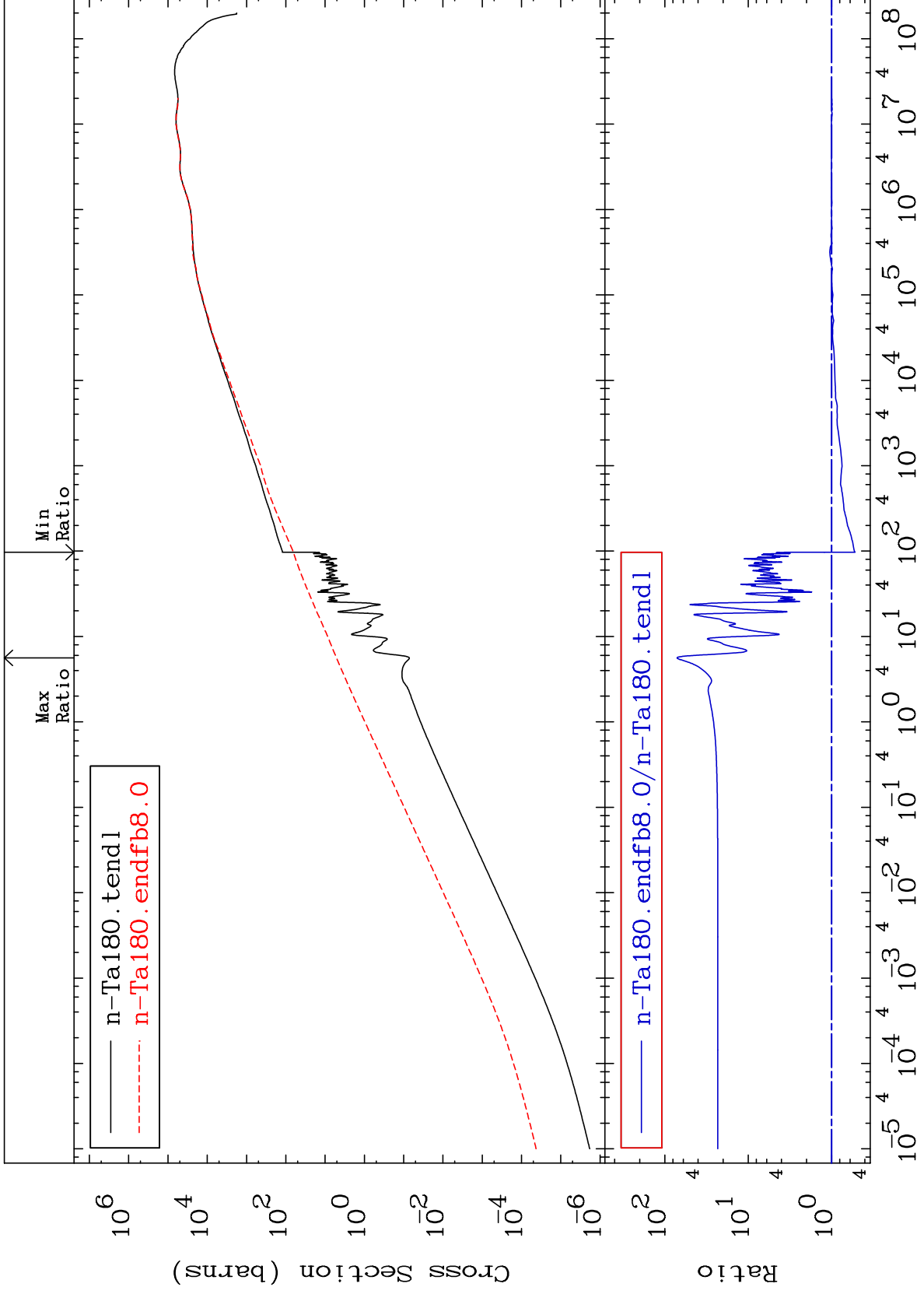


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Incident Energy (eV)

<sup>73</sup>Ta-<sup>180</sup>

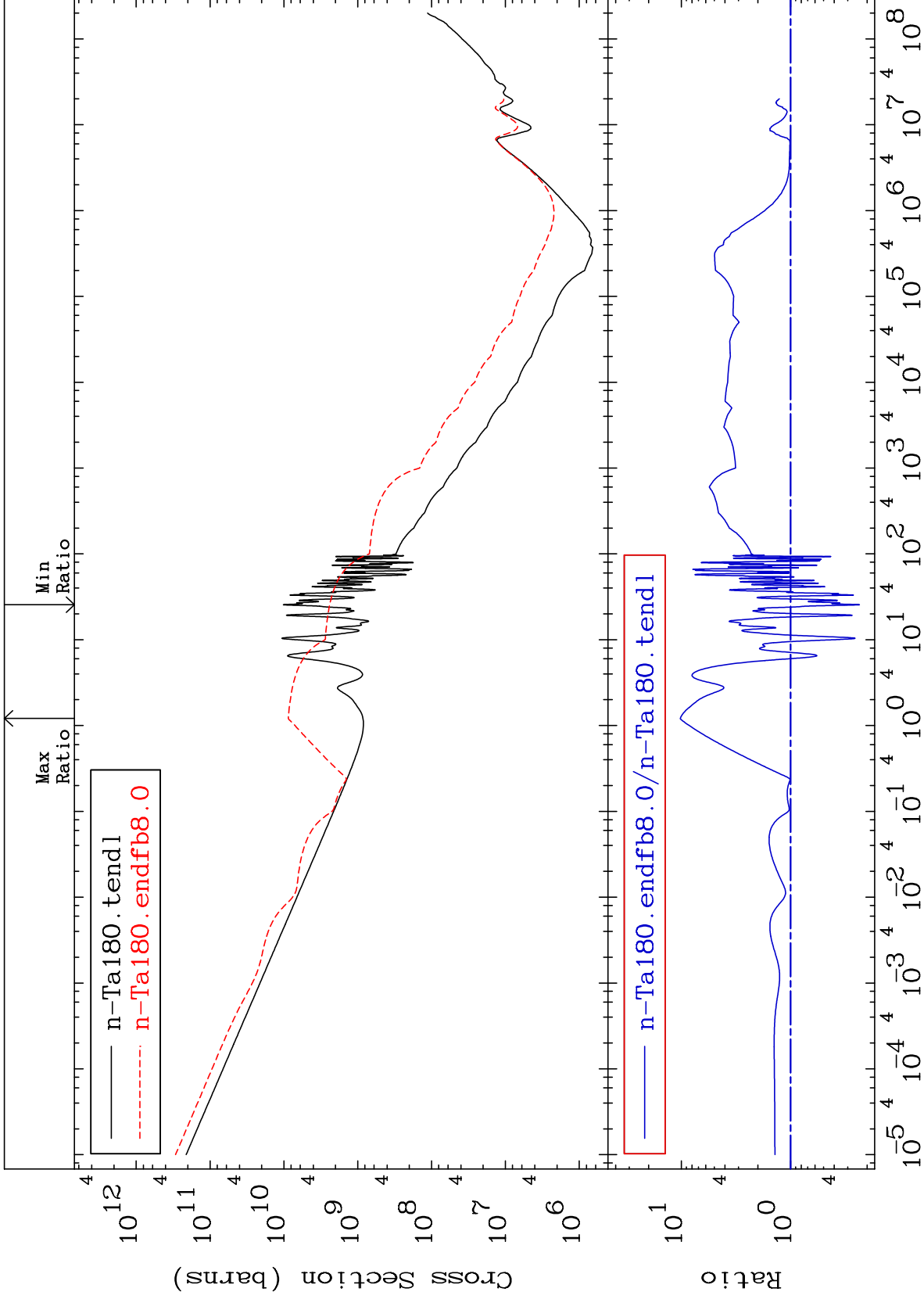




MAT 7325

Kerma non-elastic (all but mt2)  
Cross Section

<sup>73</sup>Ta-180  
-76.50 To 923.1 %

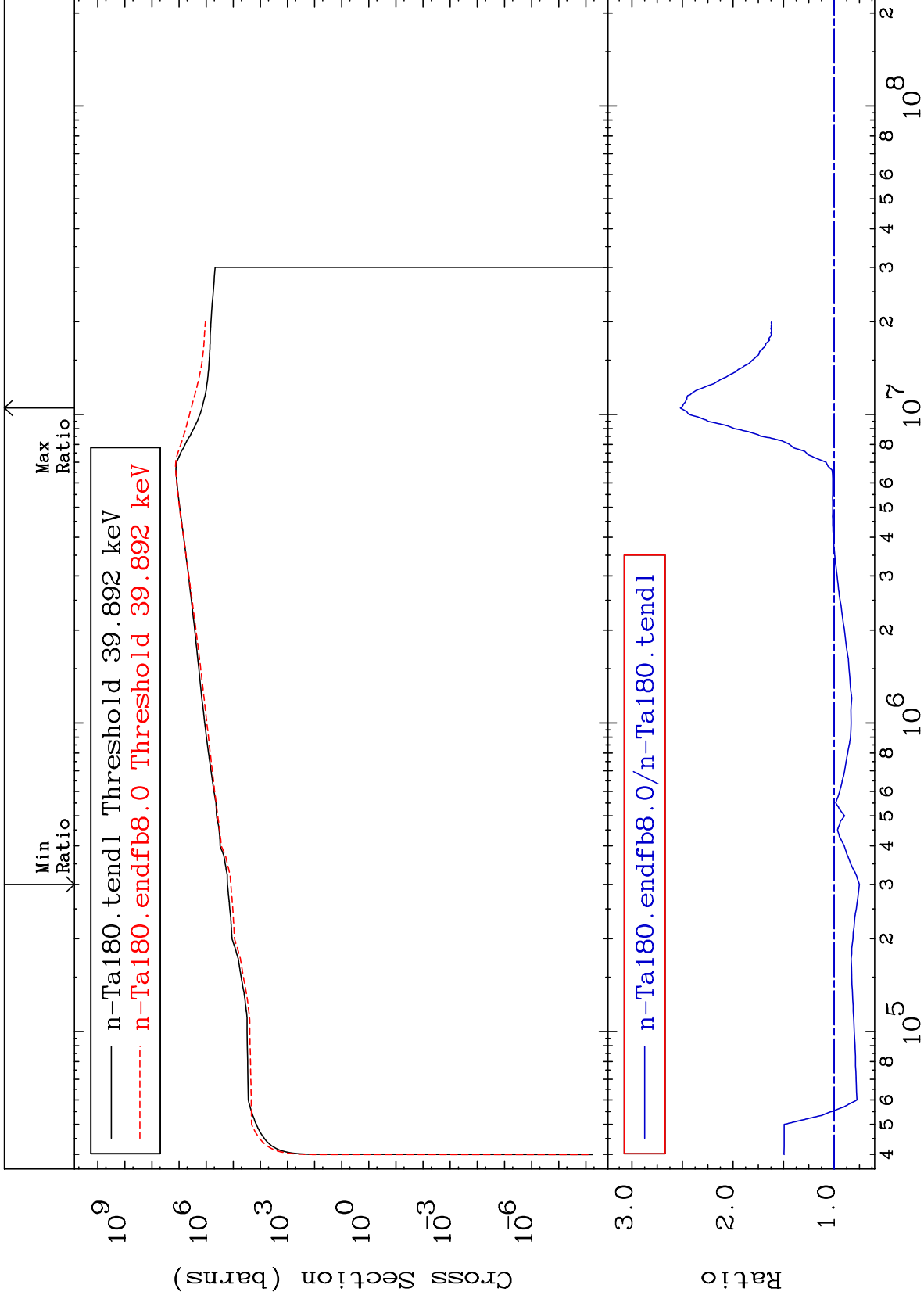


Incident Energy (eV)

<sup>73</sup>Ta-180

40

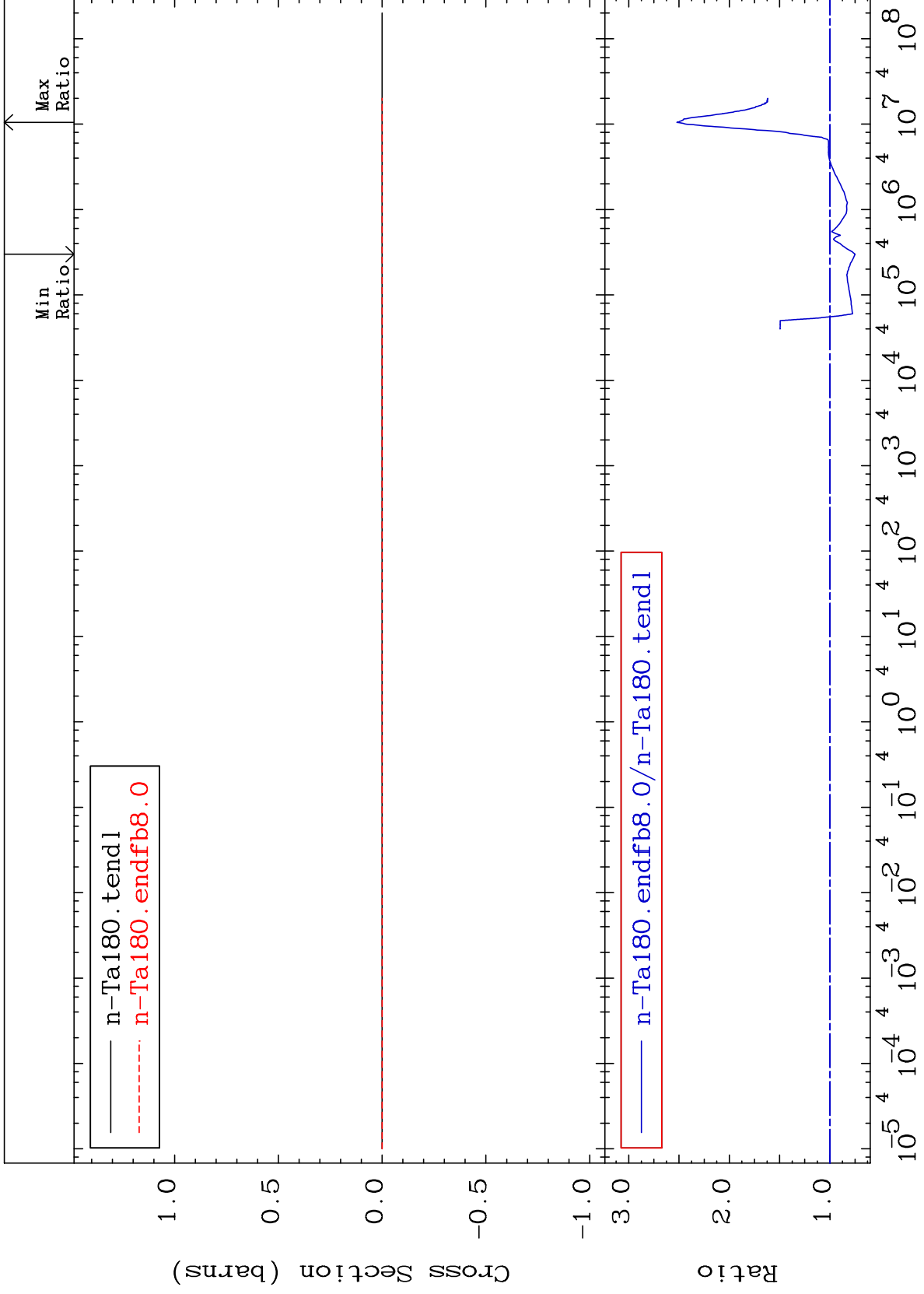




MAT 7325

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

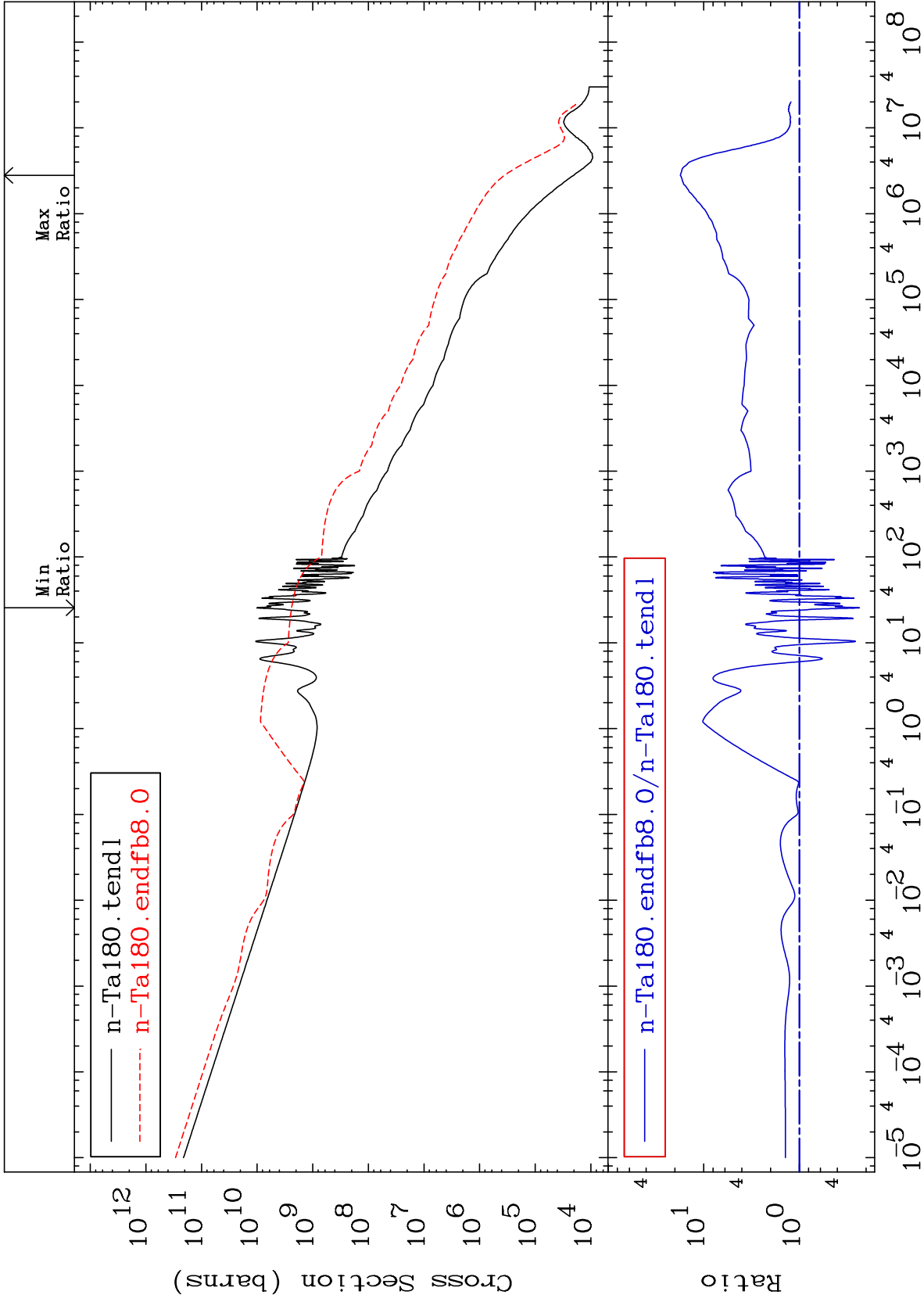
73-Ta-180  
-25.05 To 152.1 %



MAT 7325

Kerma capture (mt102)  
Cross Section

<sup>73</sup>Ta-180  
-76.50 To 1656. %



43

Incident Energy (eV)

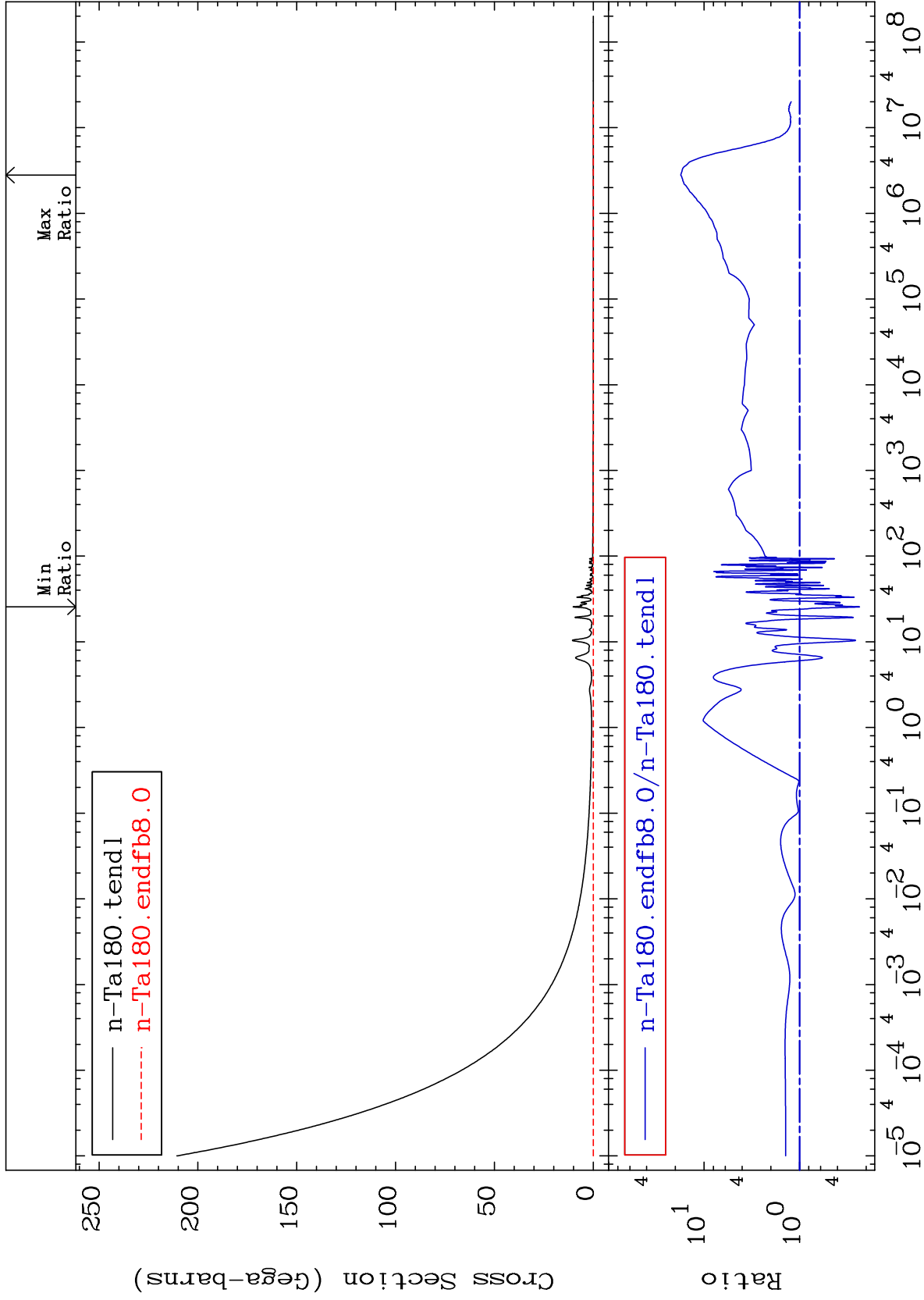
<sup>73</sup>Ta-180

MAT 7325

Total photon (eV-barns)  
Cross Section

<sup>73</sup>Ta-180

-76.50 To 1656. %



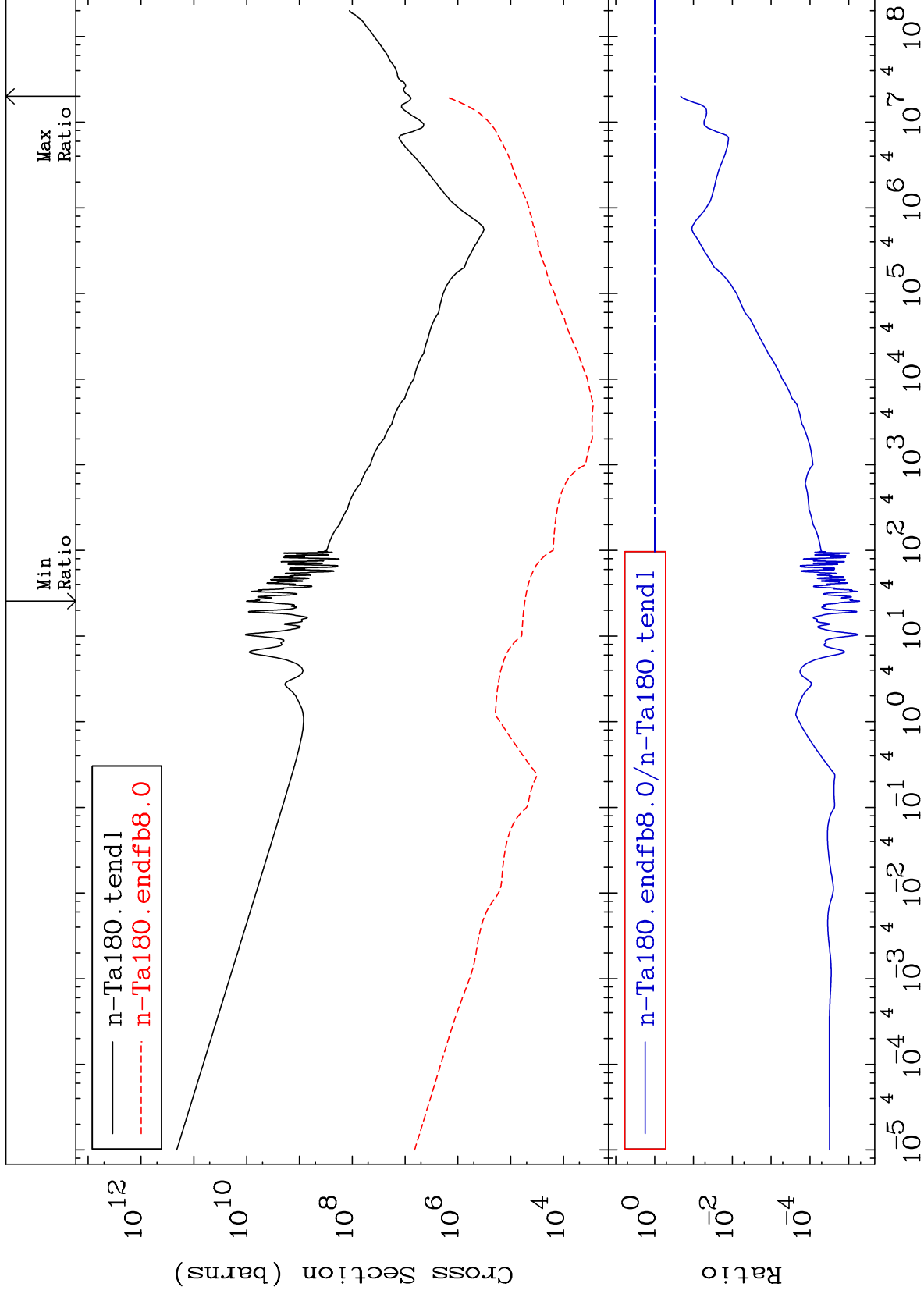
MAT 7325

Total kinematic kerma (high limit)

73-Ta-180

Cross Section

-100.0 To -78.79%



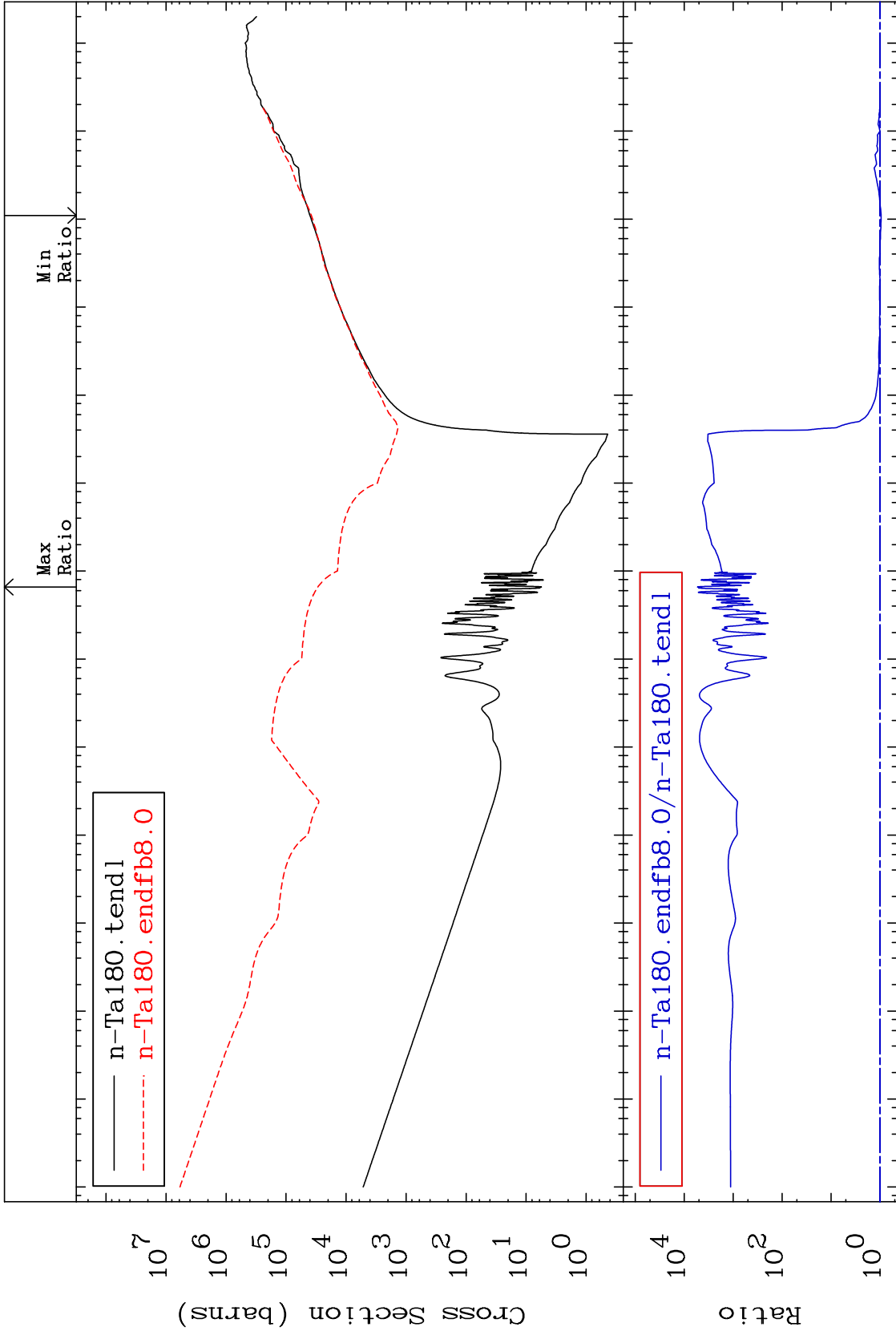
MAT 7325

Dpa total (eV-barns)

<sup>73</sup>Ta-180

Cross Section

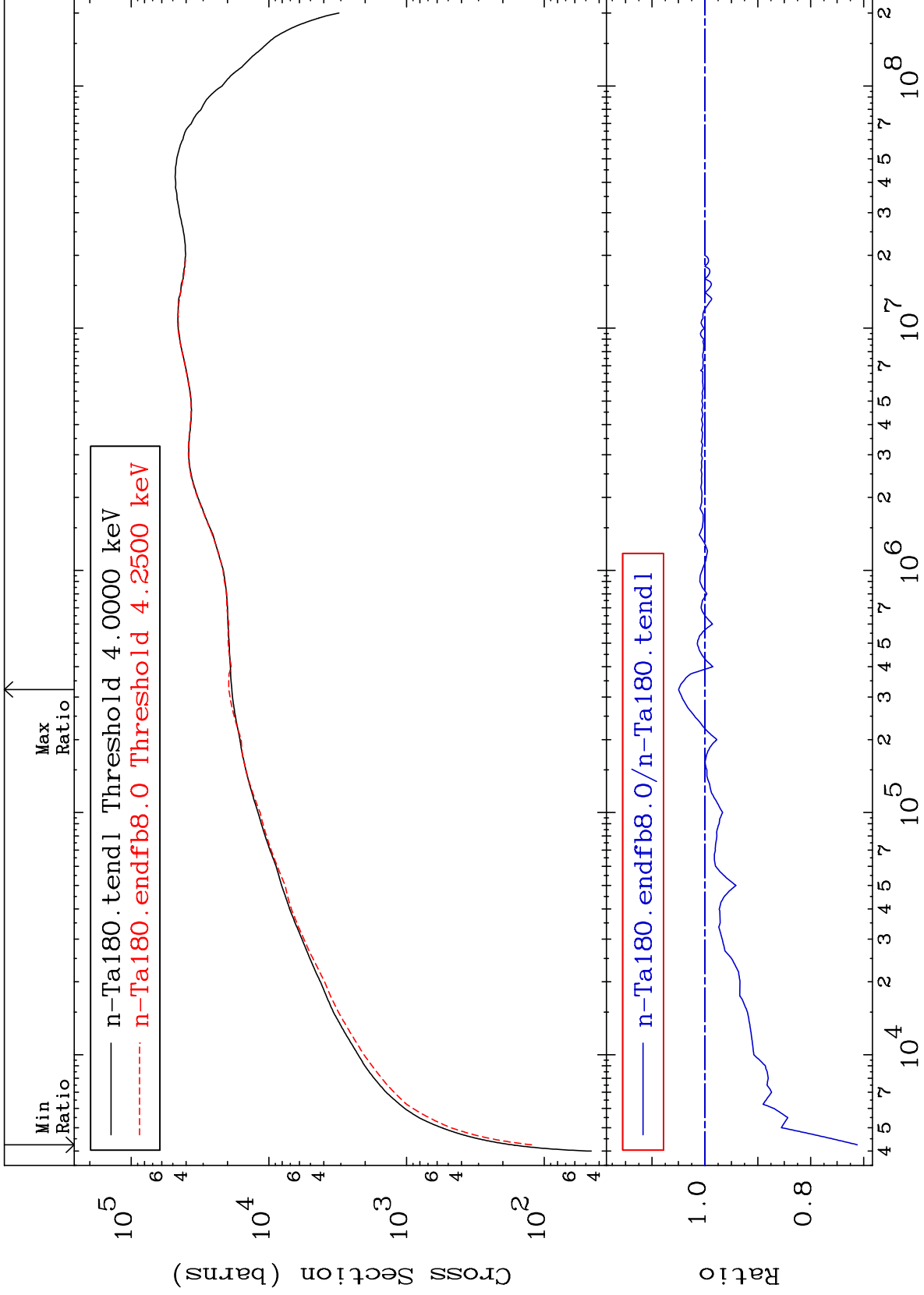
-4.922 To 9999. %



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Incident Energy (eV)

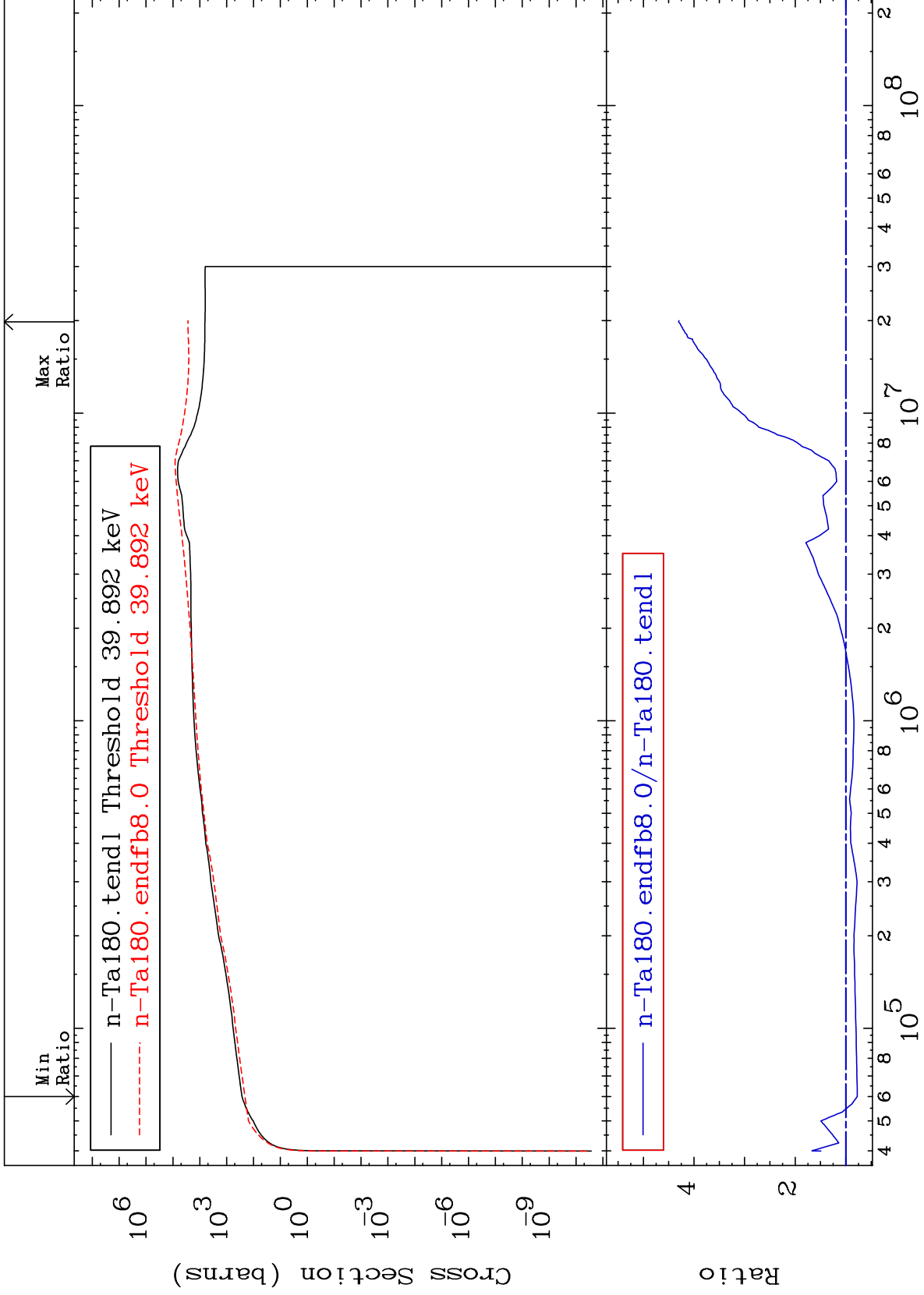
<sup>73</sup>Ta-180



MAT 7325

Dpa inelastic (mt51-91)  
Cross Section

<sup>73</sup>Ta-<sup>180</sup>  
-22.59 To 330.3 %





MAT 7325

Dpa disappearance (mt102 -120)  
Cross Section

73-Ta-180  
37.21 To 9999. %

