

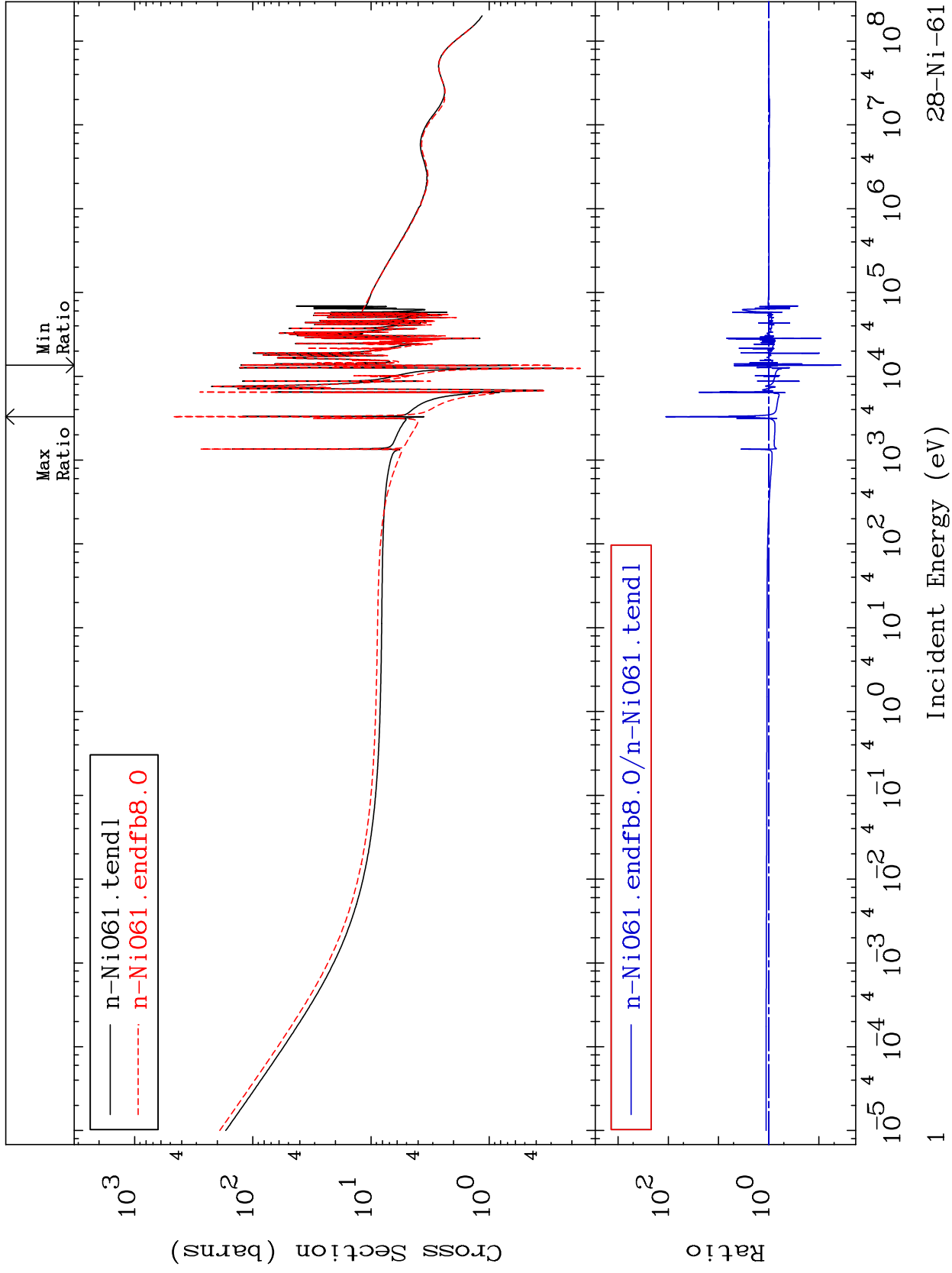
MAT 2834

Total

28-Ni-61

Cross Section

-96.34 To 9999. %



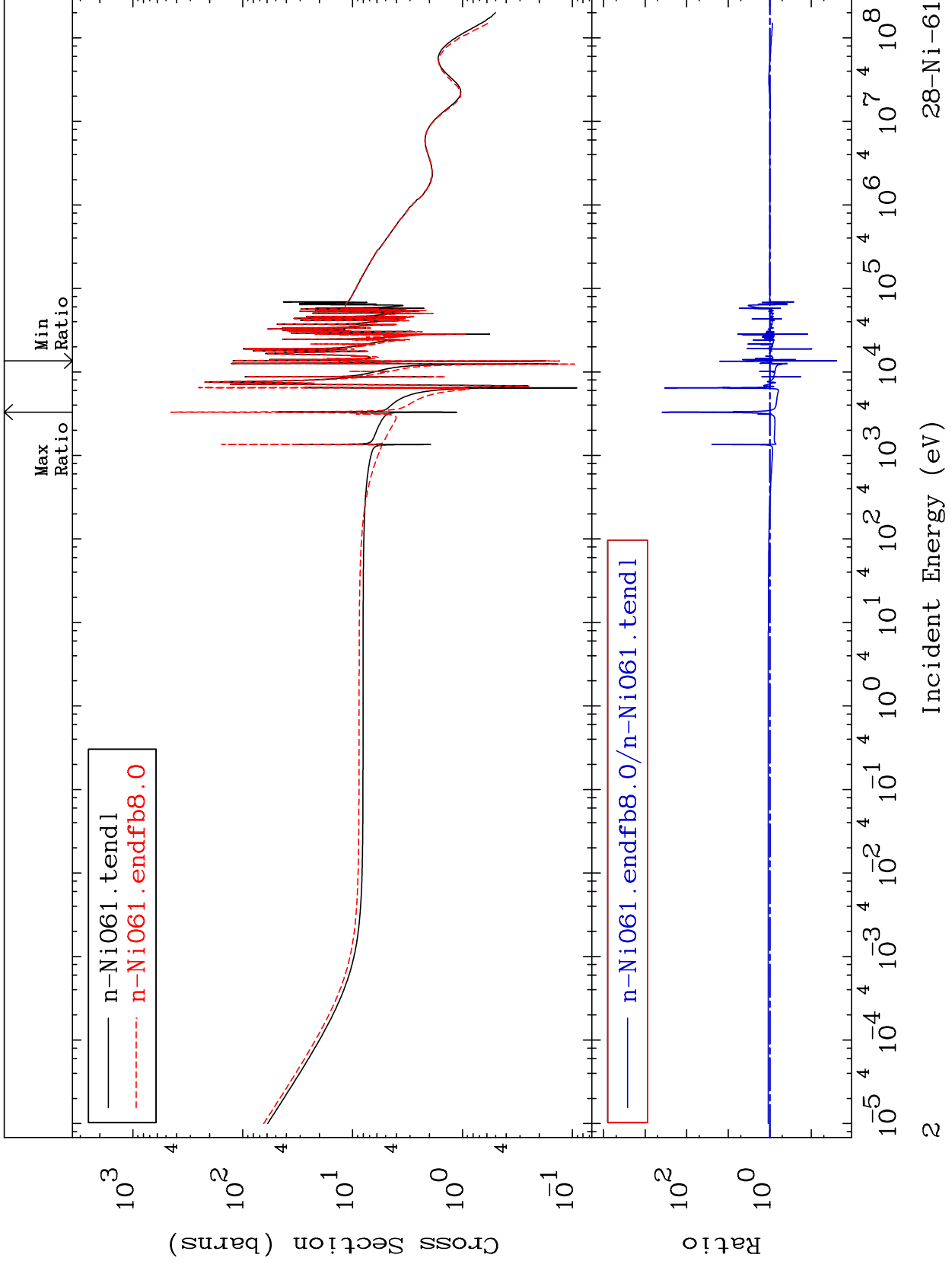
Incident Energy (eV)

28-Ni-61

MAT 2834

Elastic  
Cross Section

28-Ni-61  
-97.55 To 9999. %



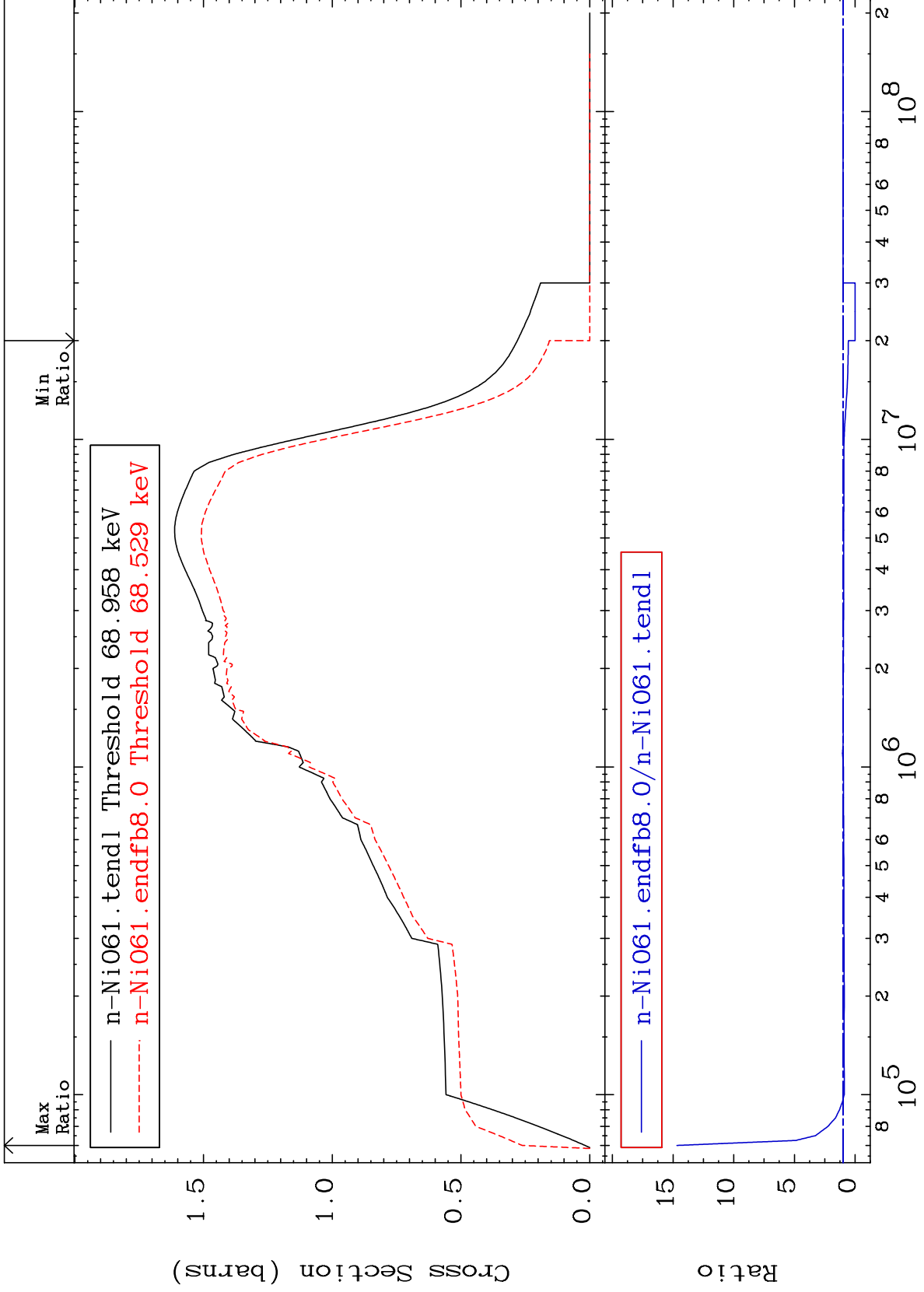
28-Ni-61

Incident Energy (eV)

MAT 2834

Inelastic  
Cross Section

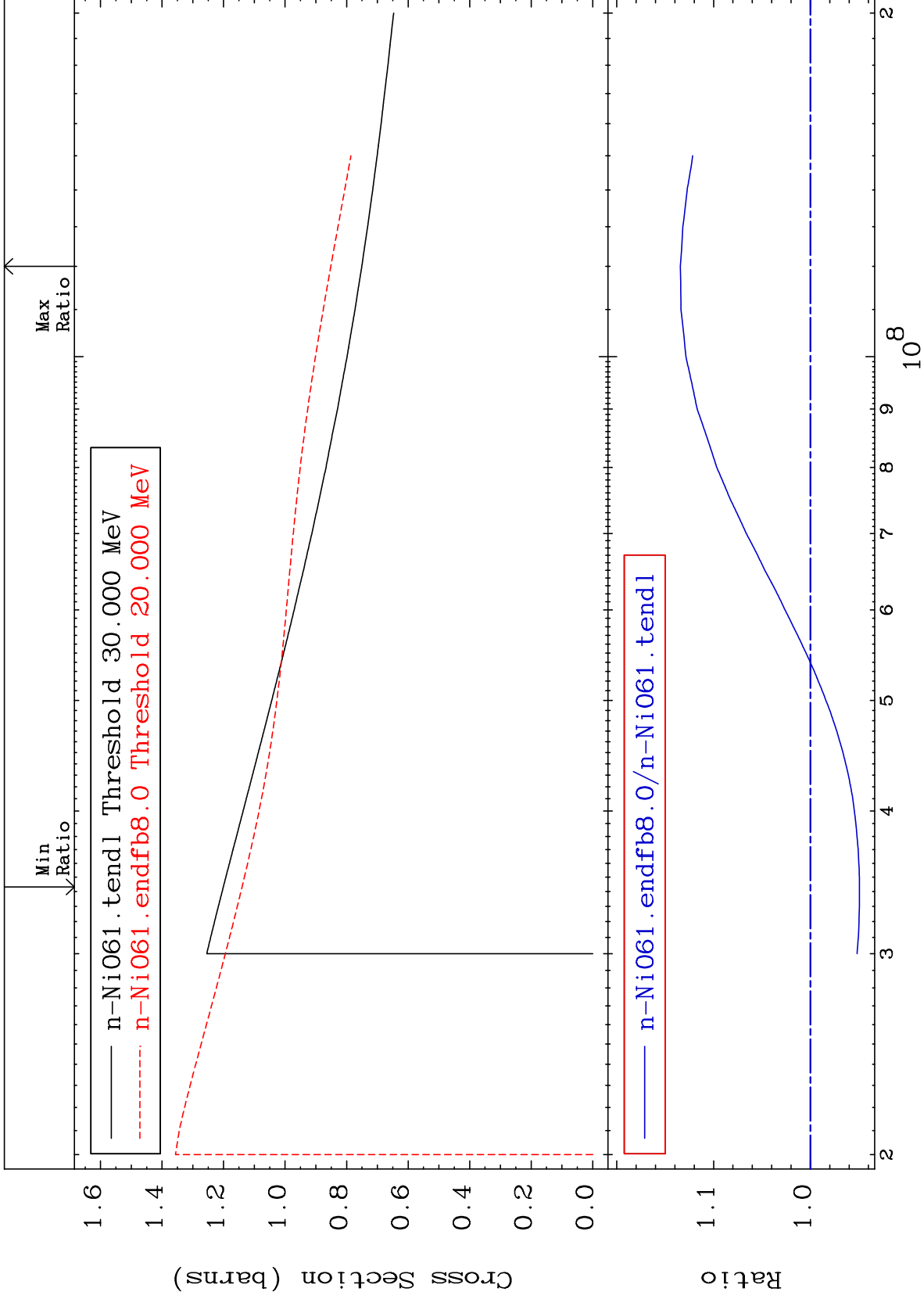
28-Ni-61  
-100.0 To 1368. %



MAT 2834

(n, remainder)  
Cross Section

28-Ni-61  
-5.066 To 13.43 %



4

Incident Energy (eV)

28-Ni-61

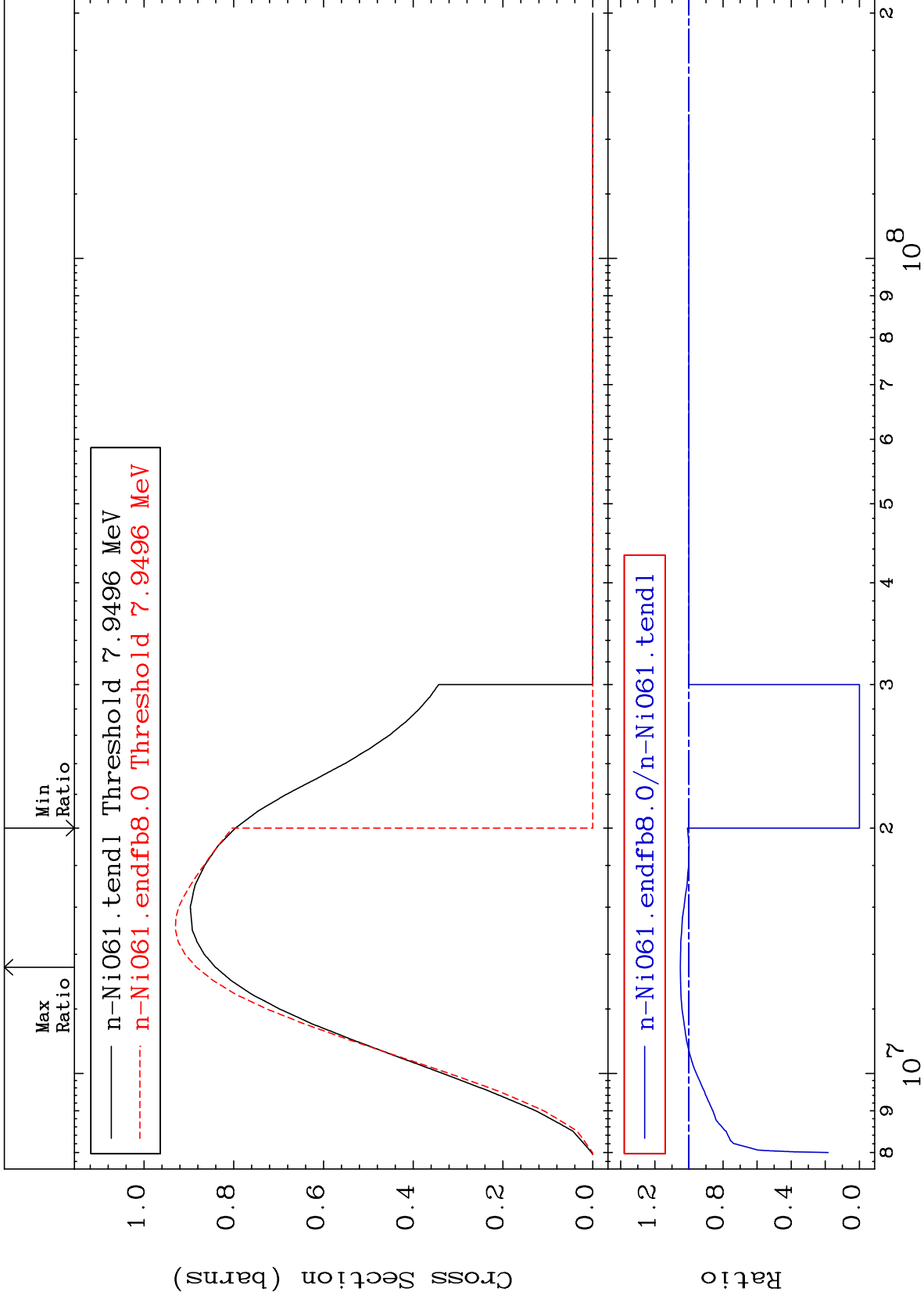
MAT 2834

(n,2n)

28-Ni-61

Cross Section

-100.0 To 5.026 %



5

Incident Energy (eV)

28-Ni-61

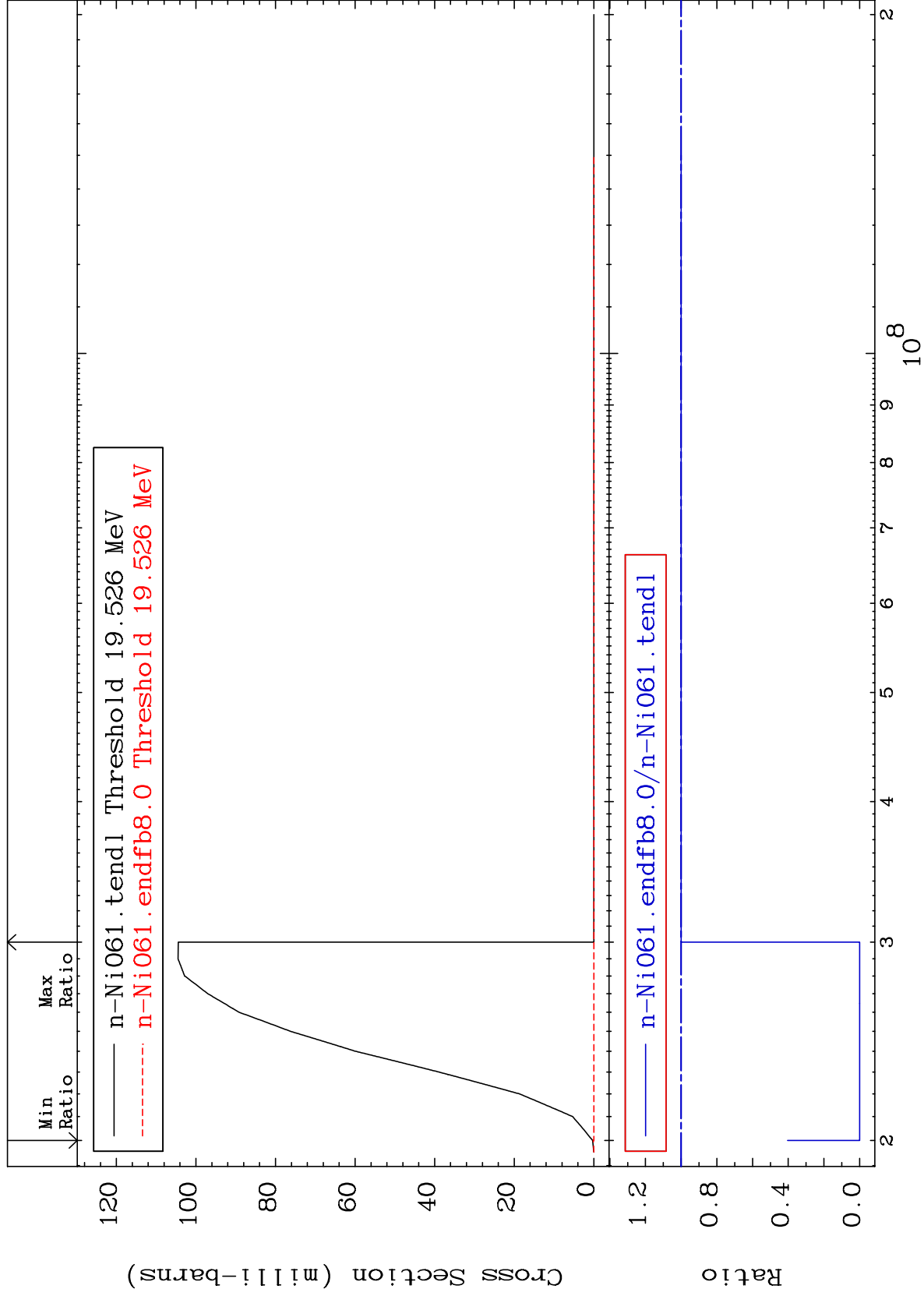
MAT 2834

(n,3n)

28-Ni-61

Cross Section

-100.0 To 0.000 %



6

Incident Energy (eV)

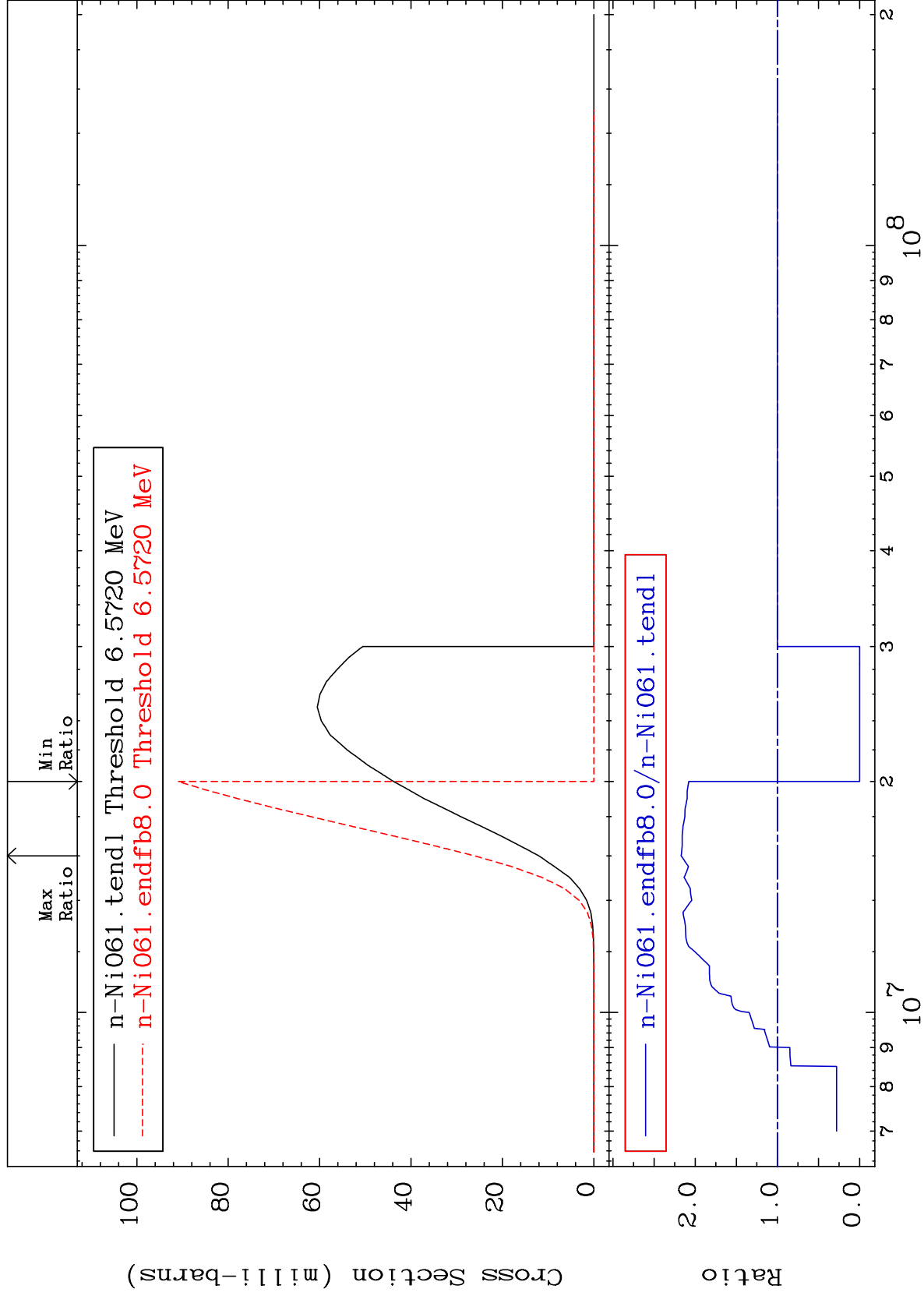
28-Ni-61

MAT 2834

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

28-Ni-61

-100.0 To 117.0 %



7

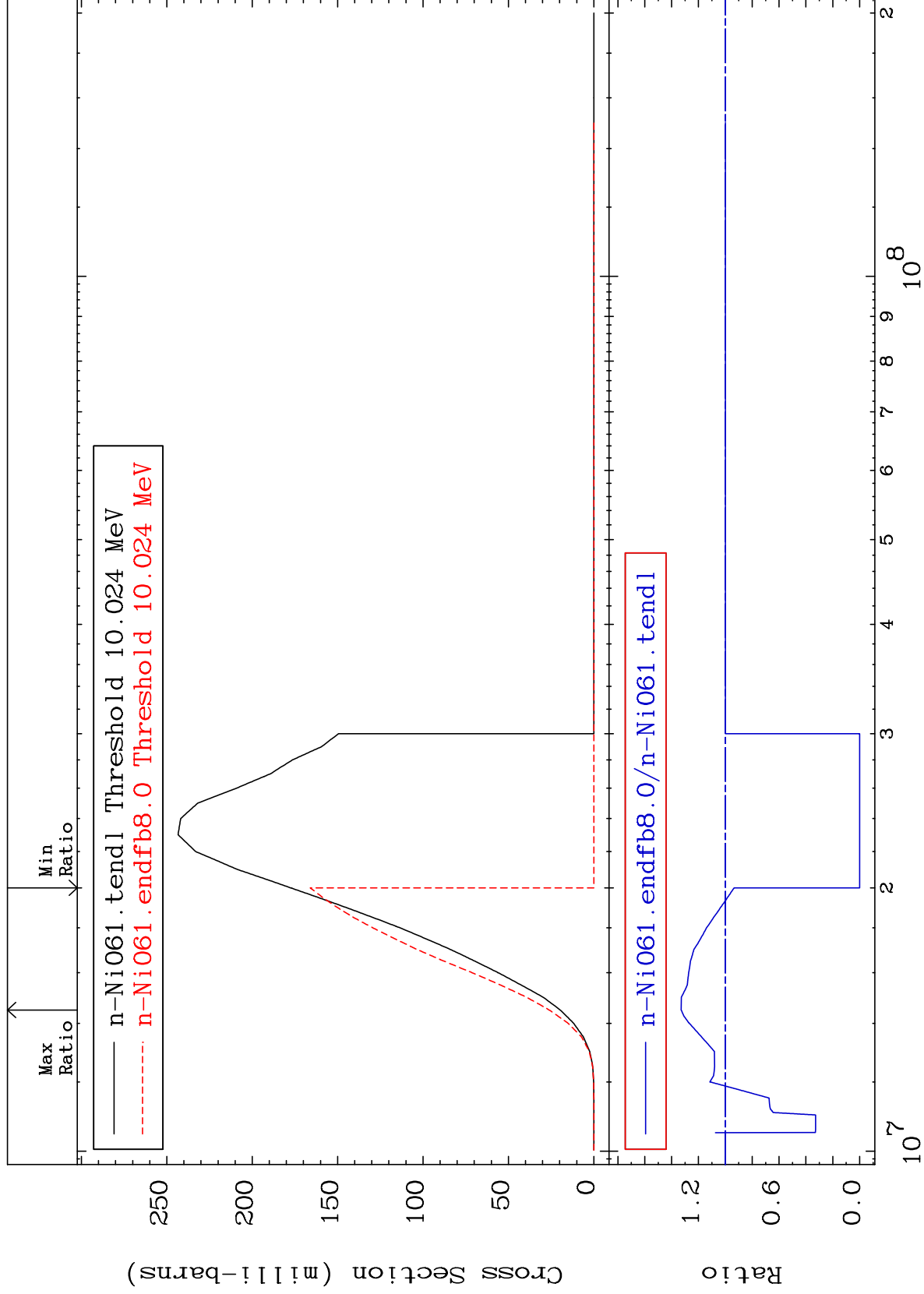
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,n') p  
Cross Section

28-Ni-61  
-100.0 To 32.87 %



28-Ni-61

Incident Energy (eV)



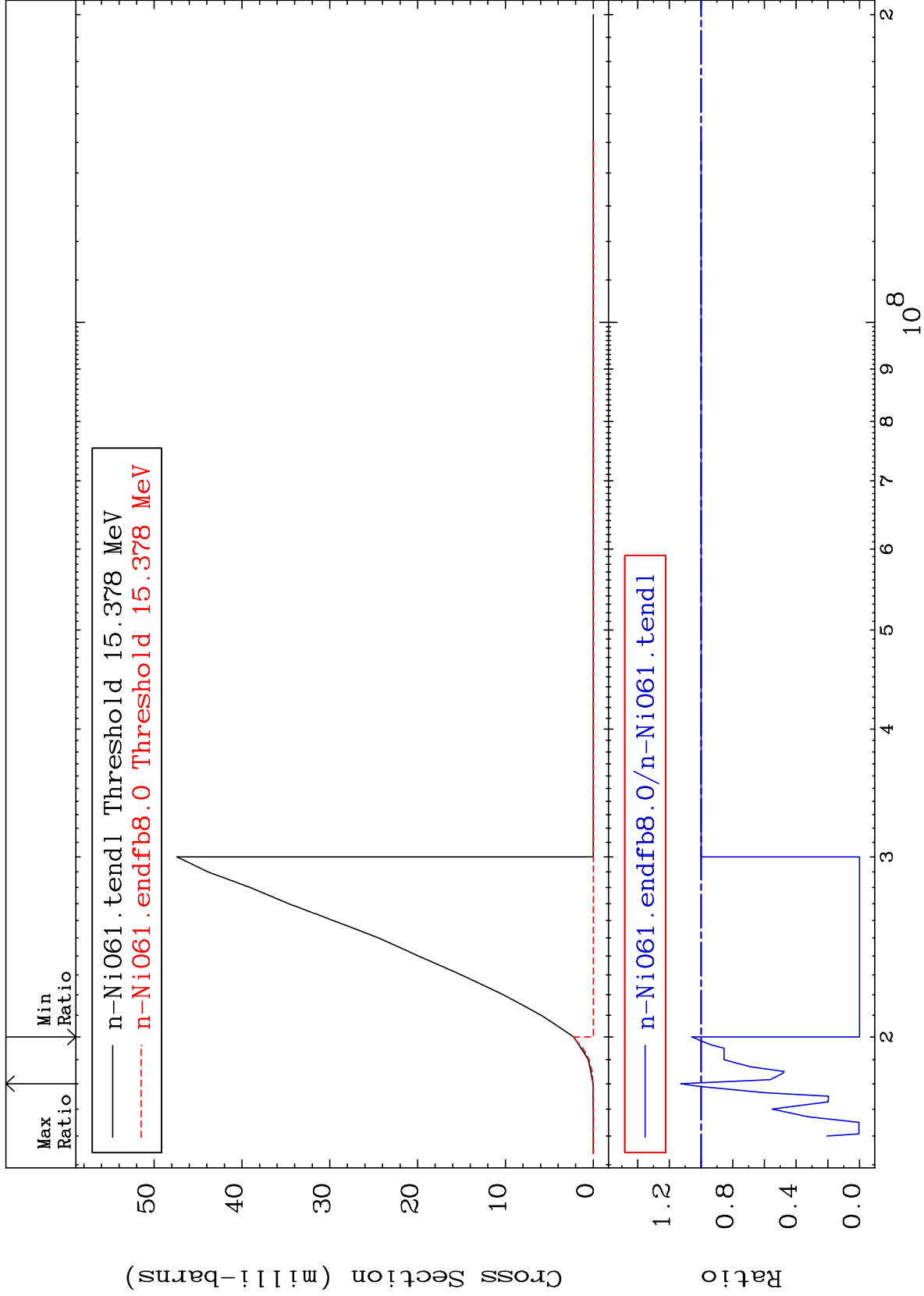
MAT 2834

(n,n') d

28-Ni-61

Cross Section

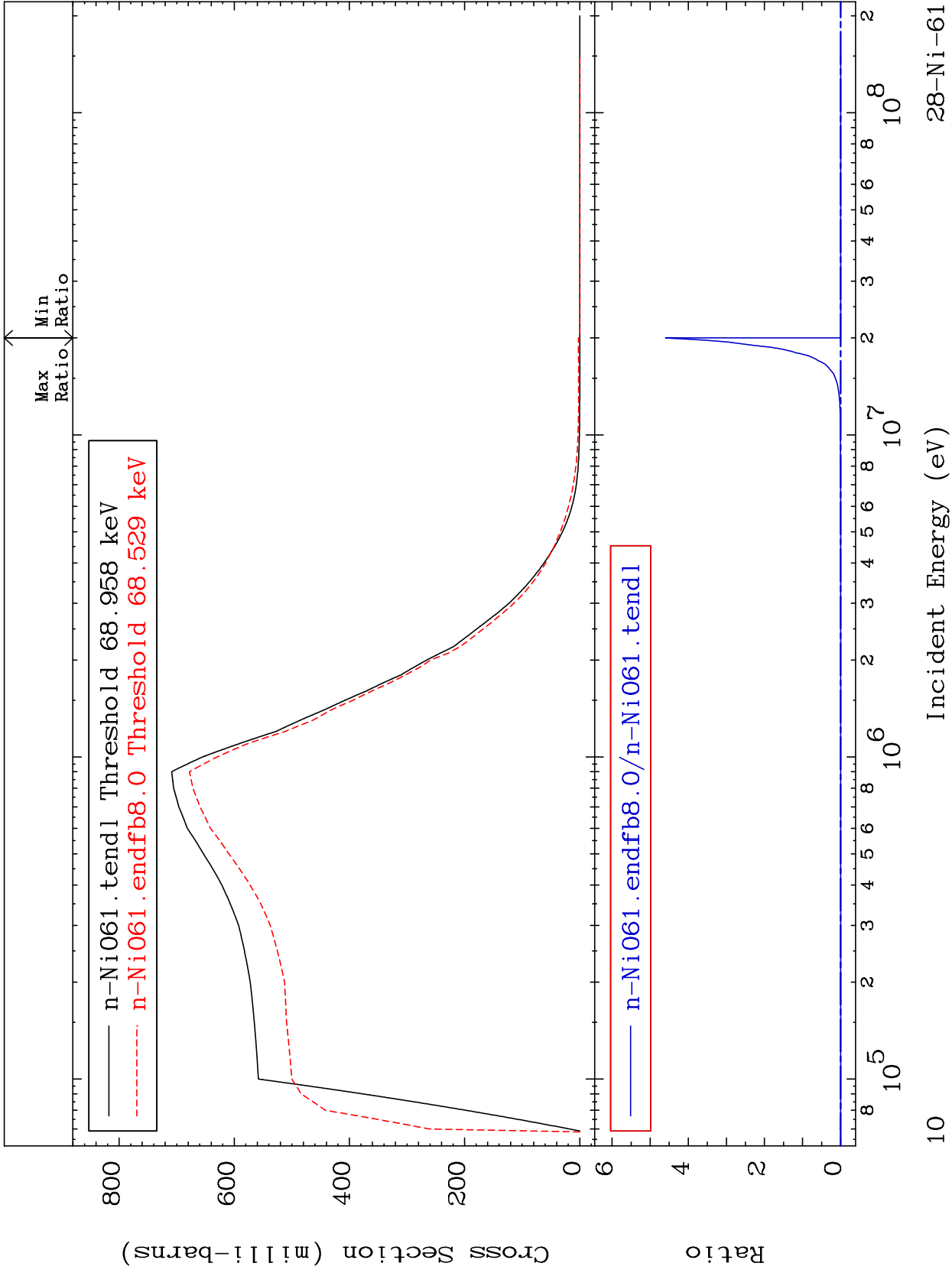
-100.0 To 12.79 %



MAT 2834

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

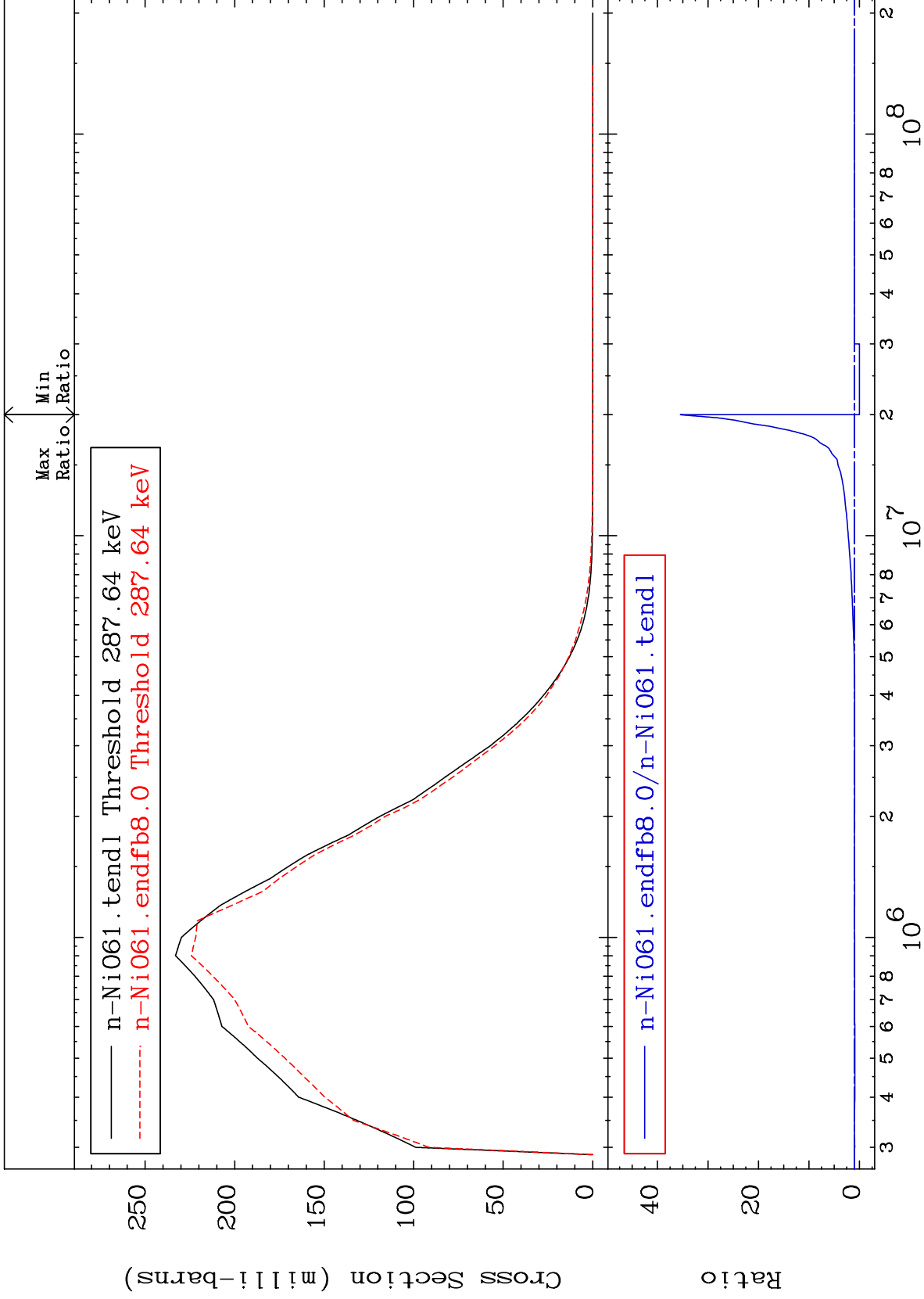
28-Ni-61  
-100.0 To 9999. %



MAT 2834

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

28-Ni-61  
-100.0 To 3447. %



11

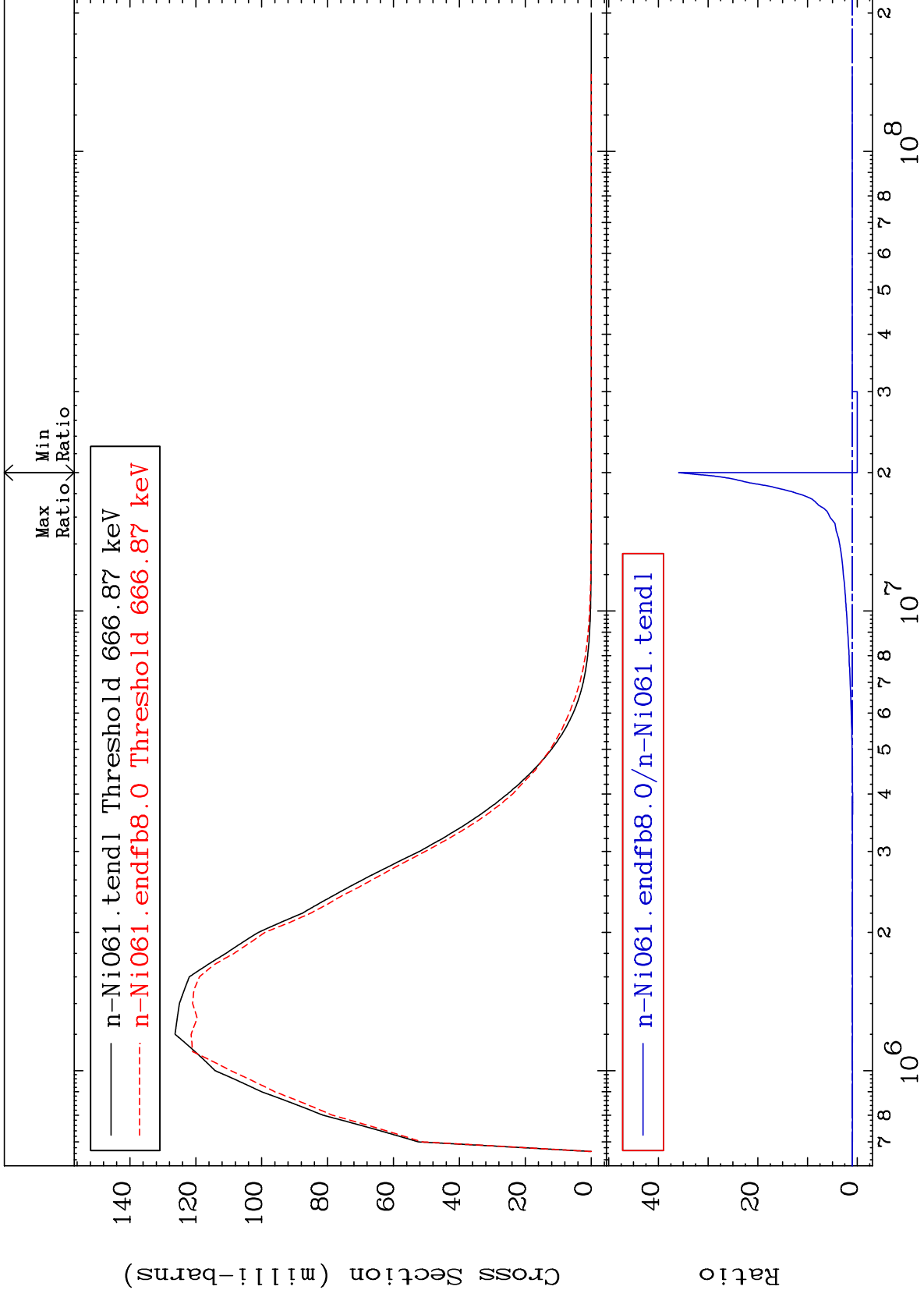
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 3493. %



12

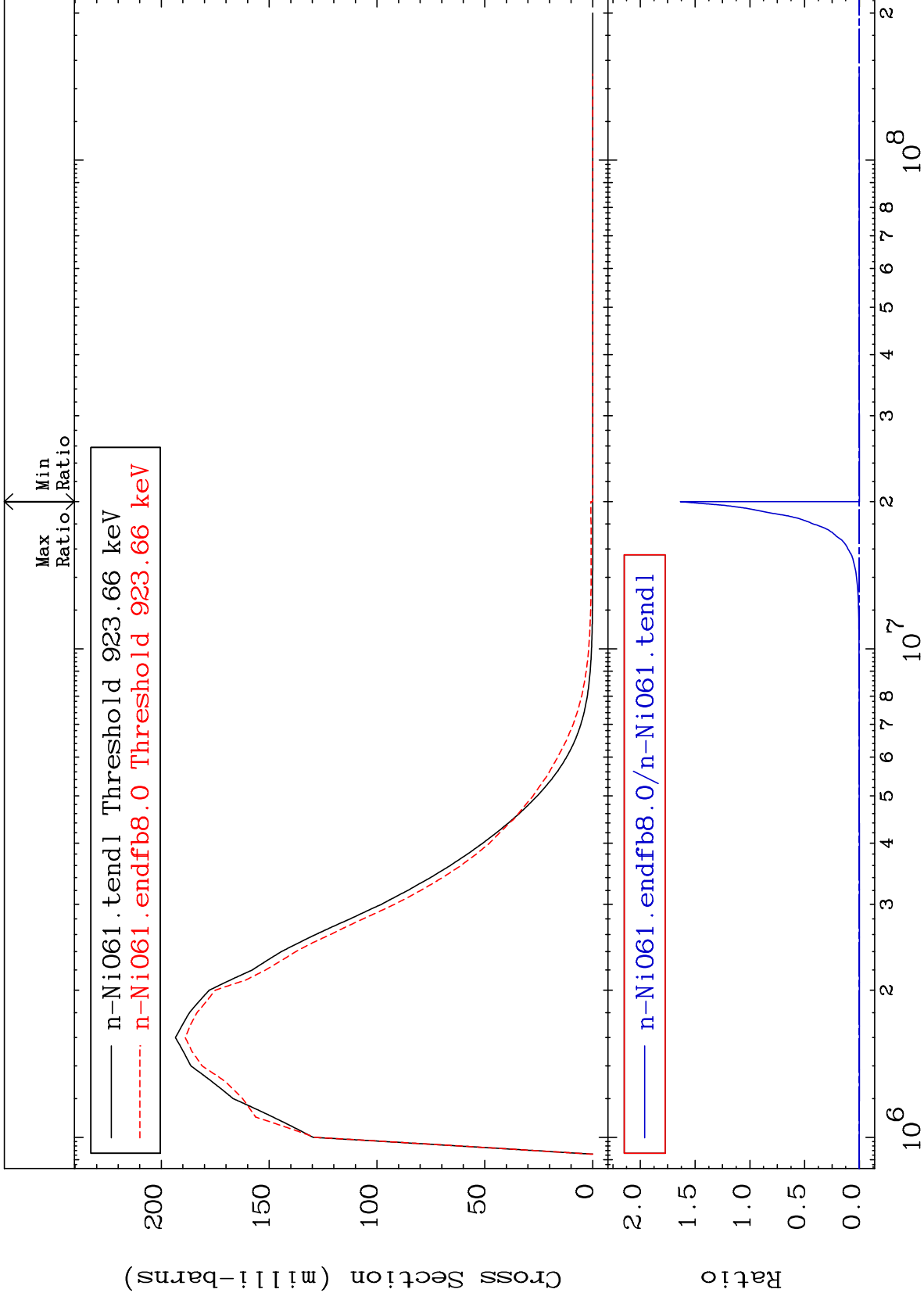
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 9999. %



13

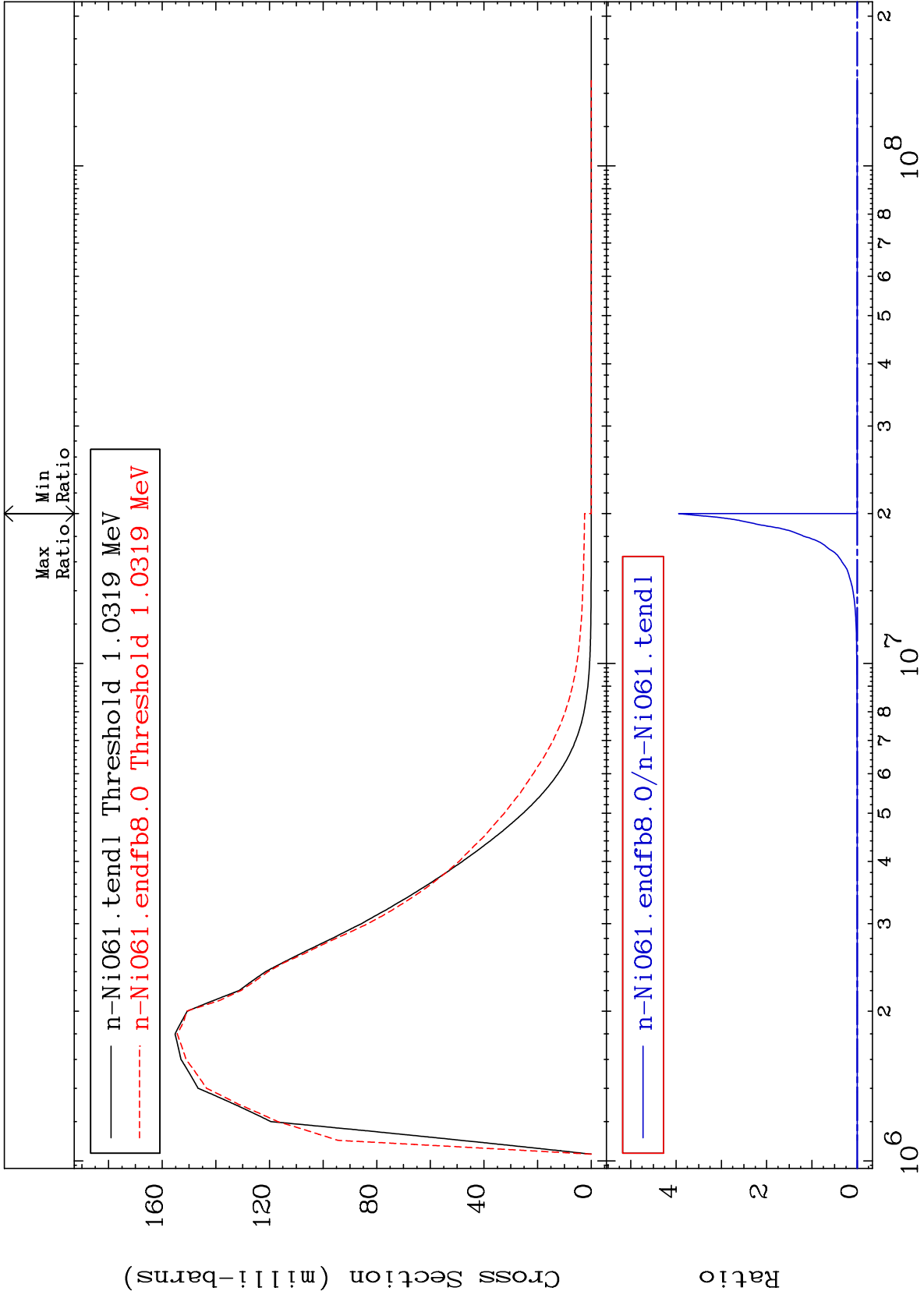
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 9999. %



14

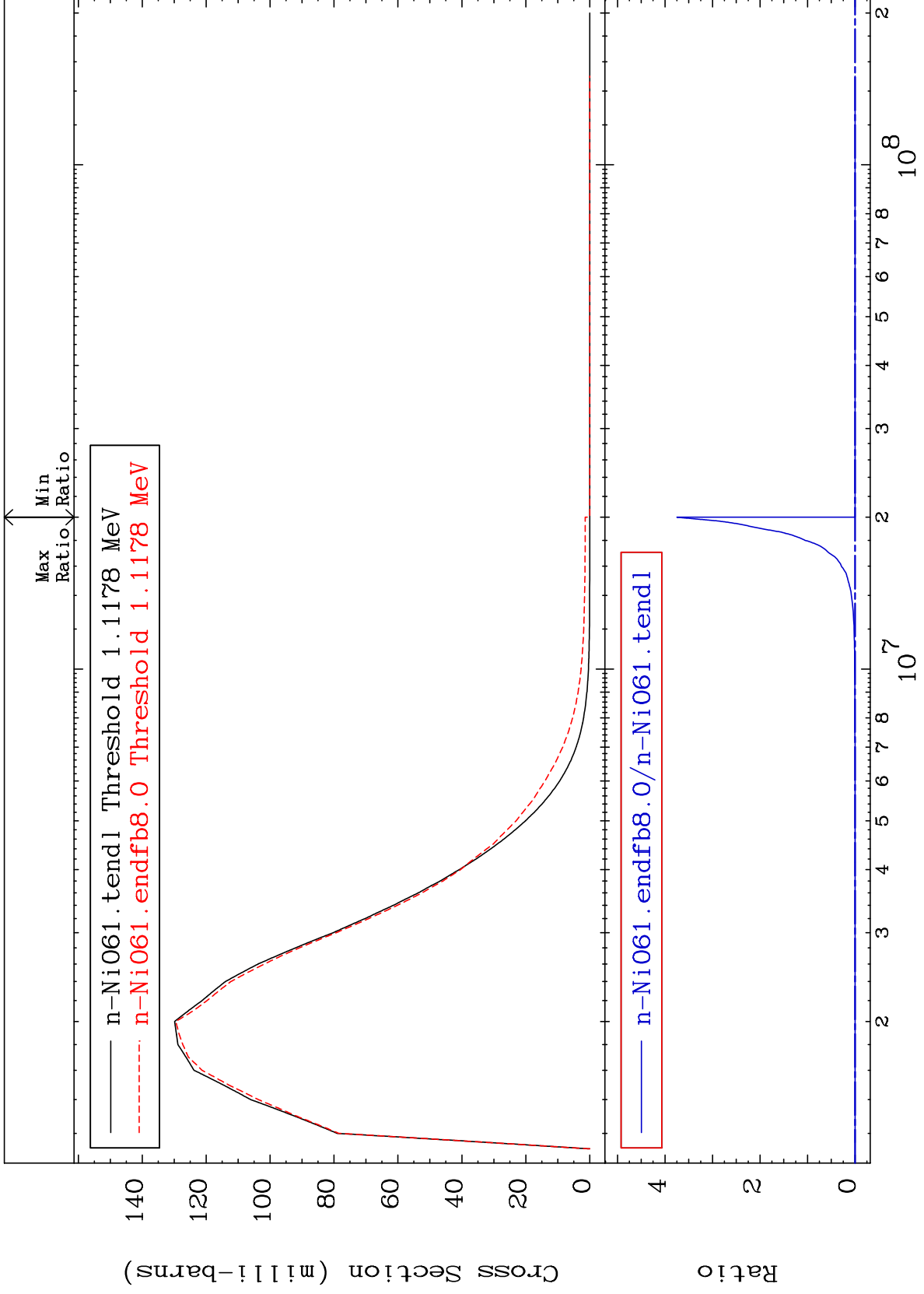
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 9999. %



15

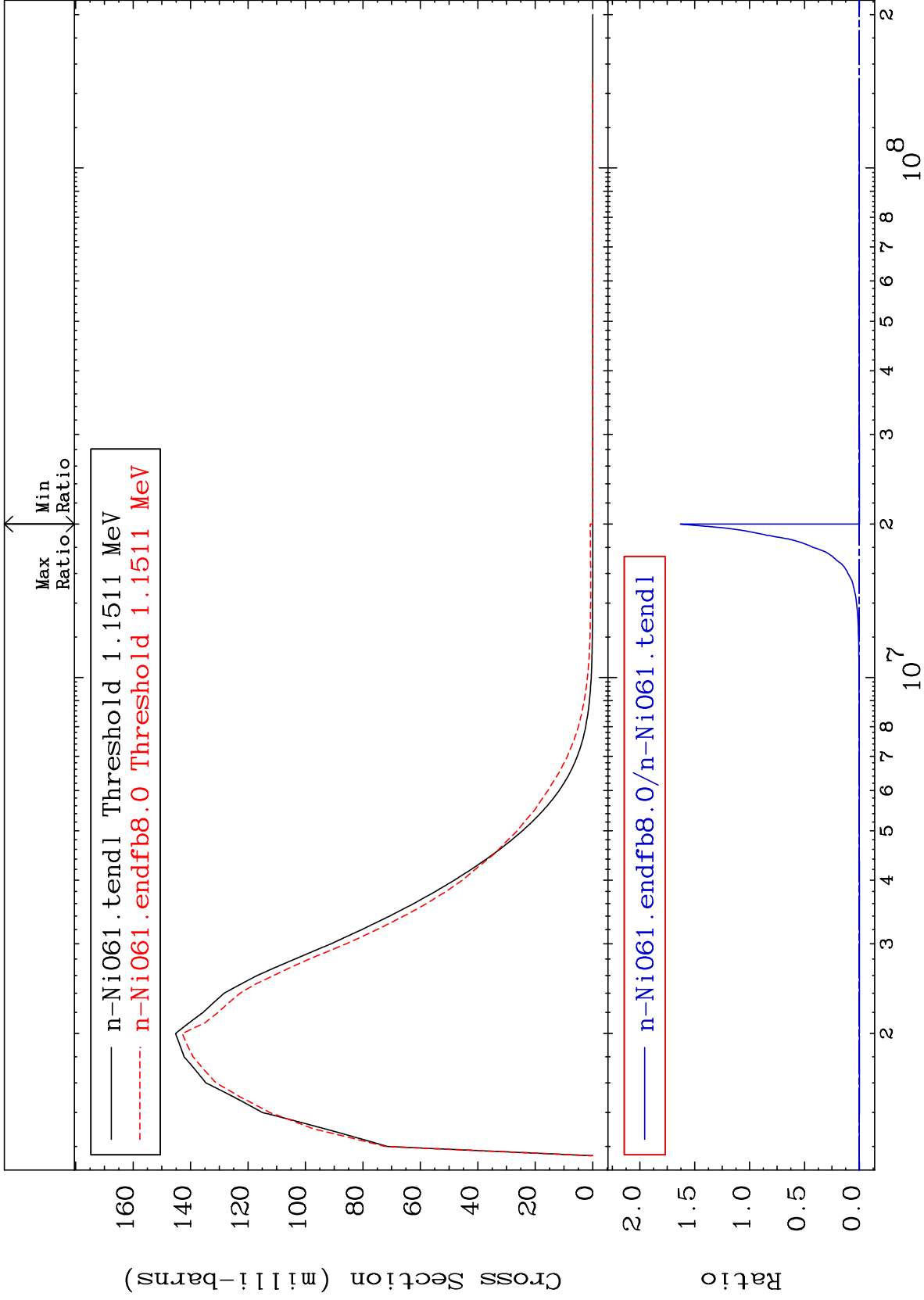
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 9999. %

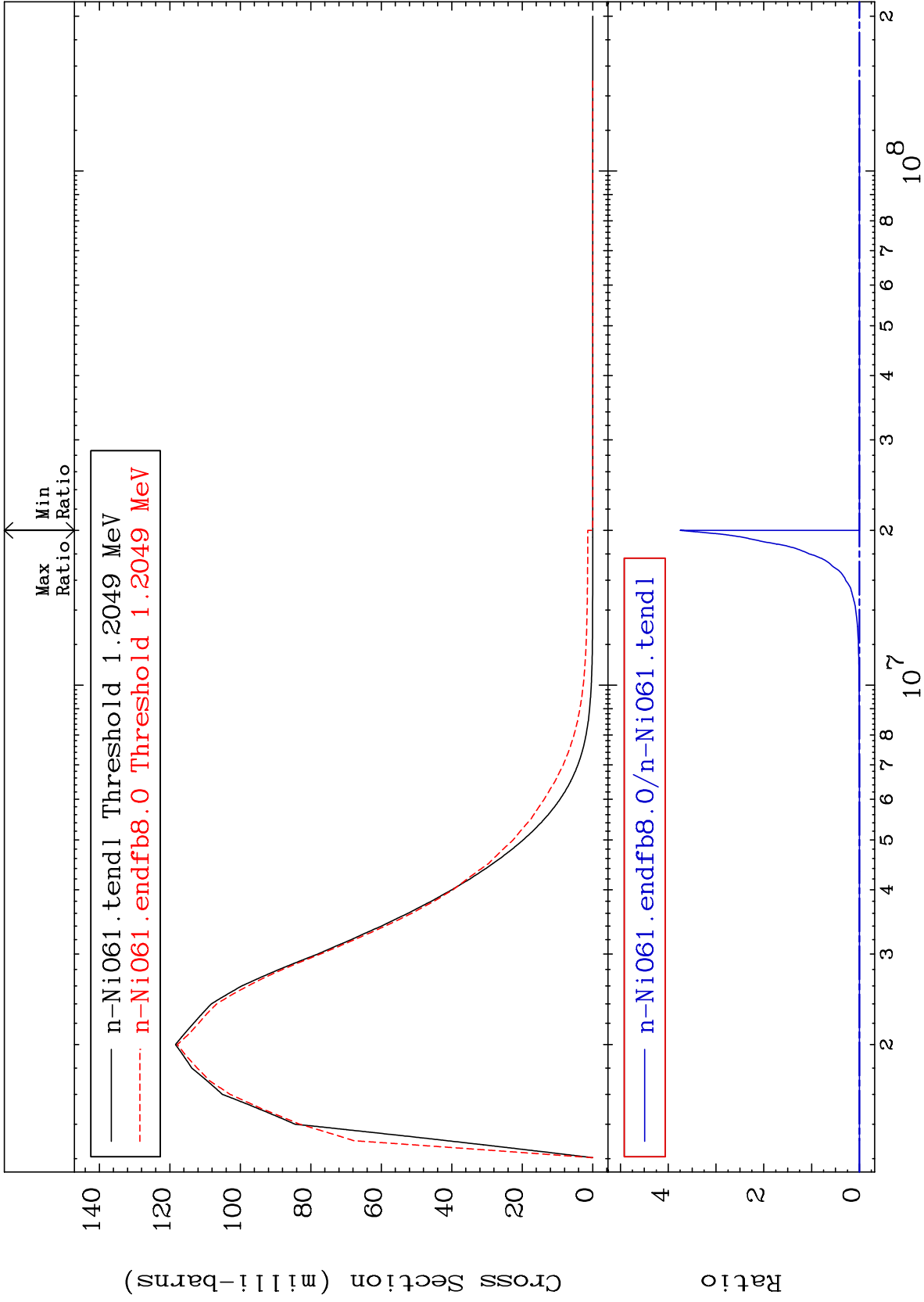




MAT 2834

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

28-Ni-61  
-100.0 To 9999. %



17

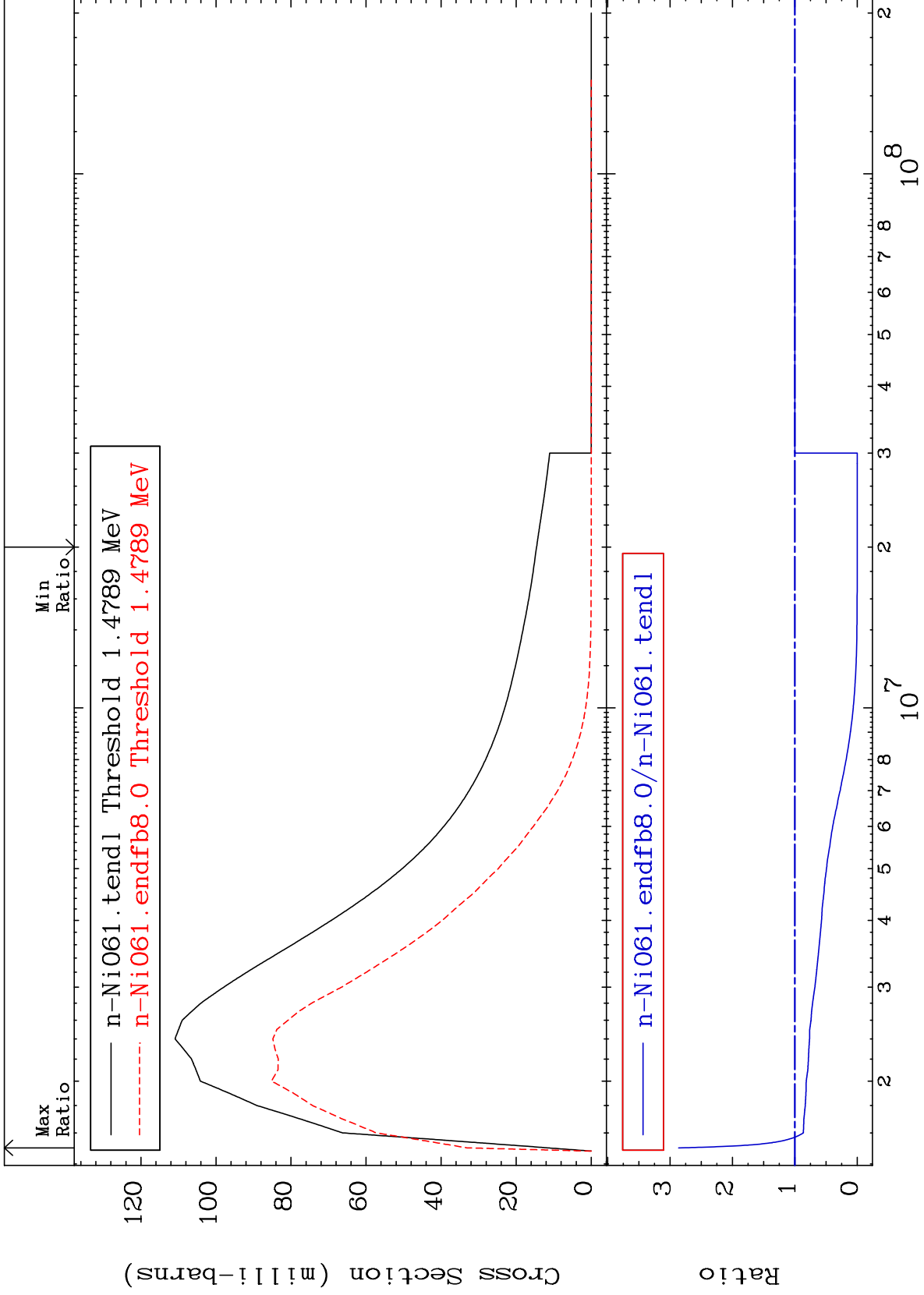
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 186.3 %



18

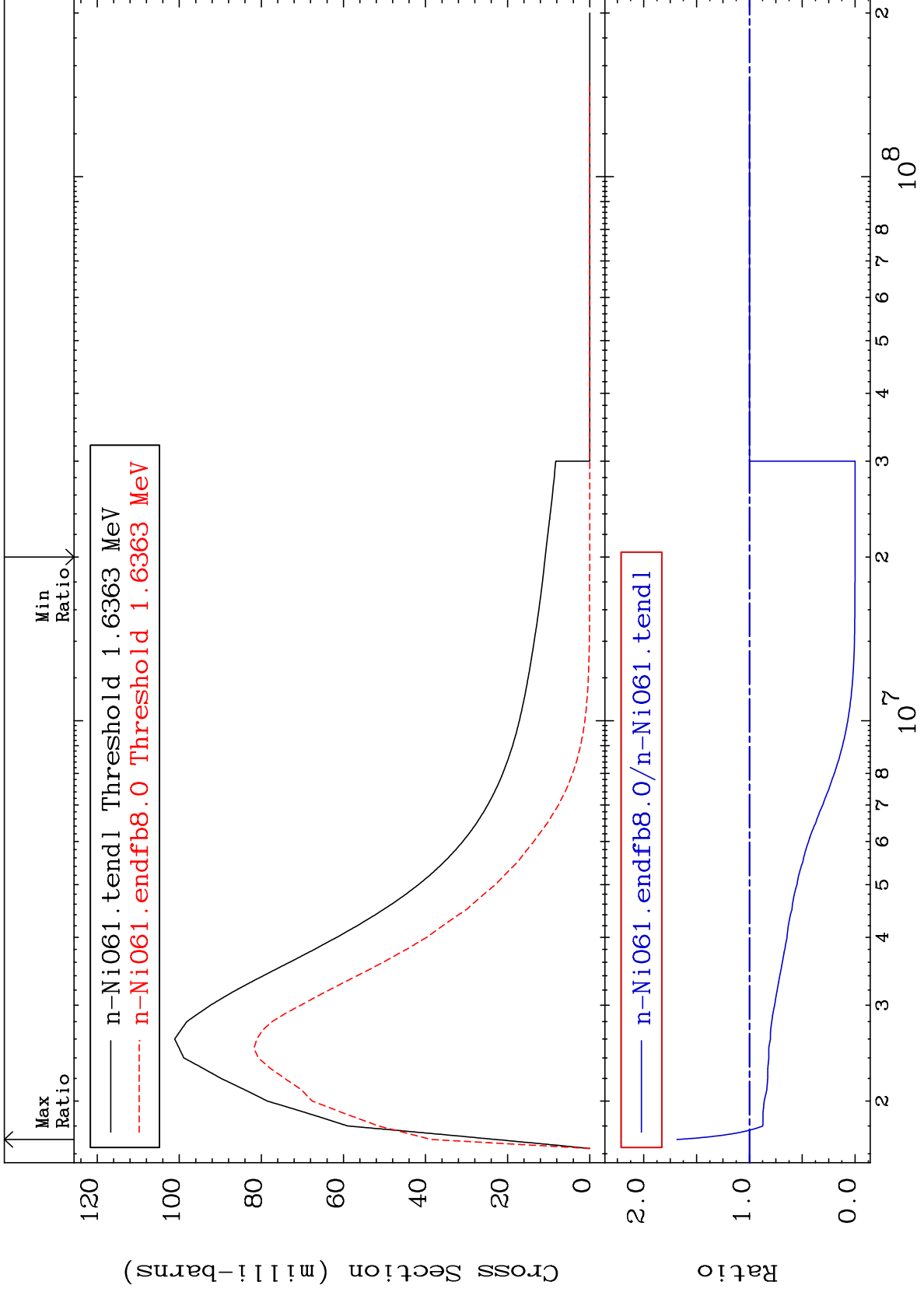
Incident Energy (eV)

28-Ni-61

MAT 2834

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

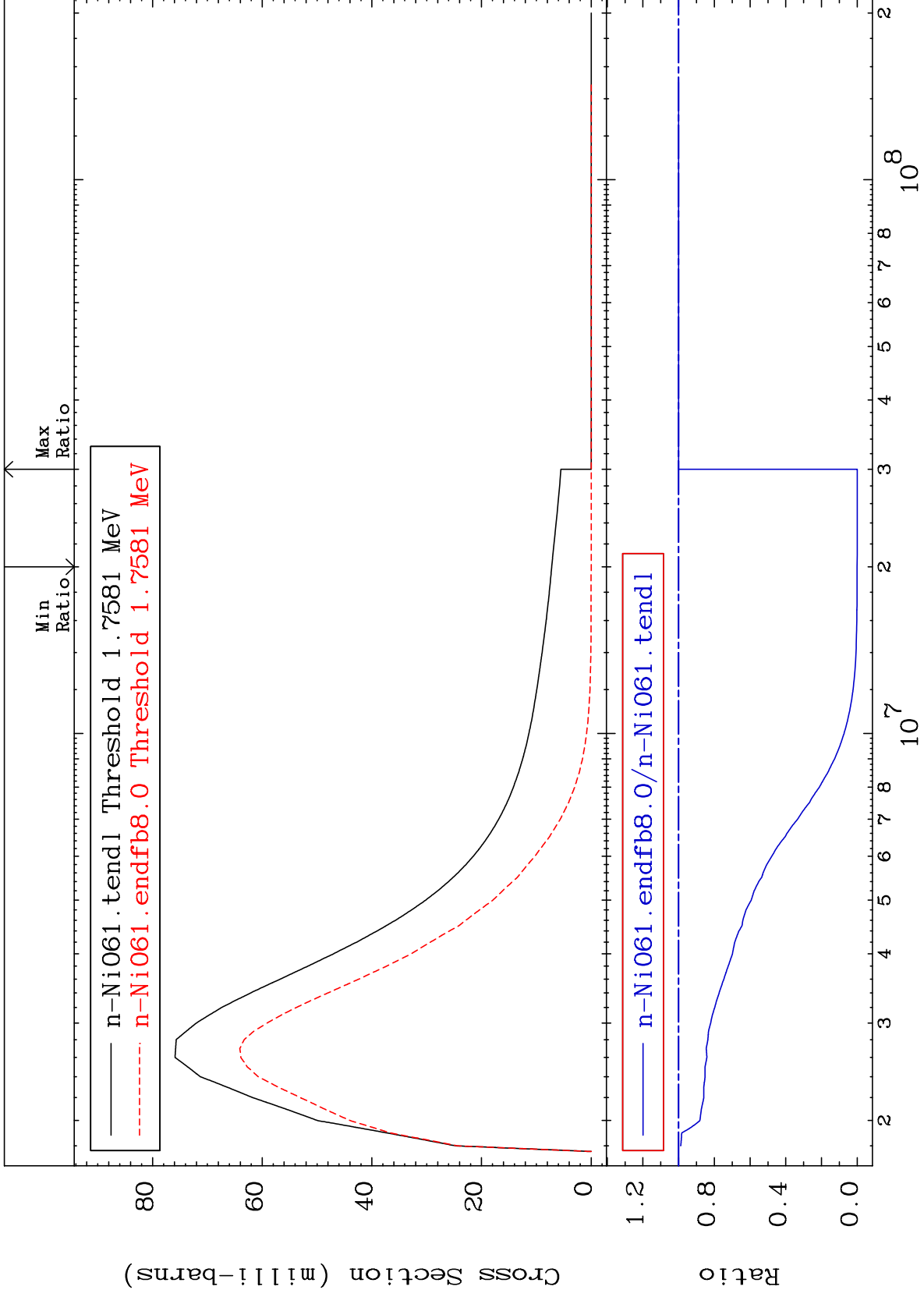
28-Ni-61  
-100.0 To 68.63 %



MAT 2834

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

28-Ni-61  
-100.0 To 0.000 %



20

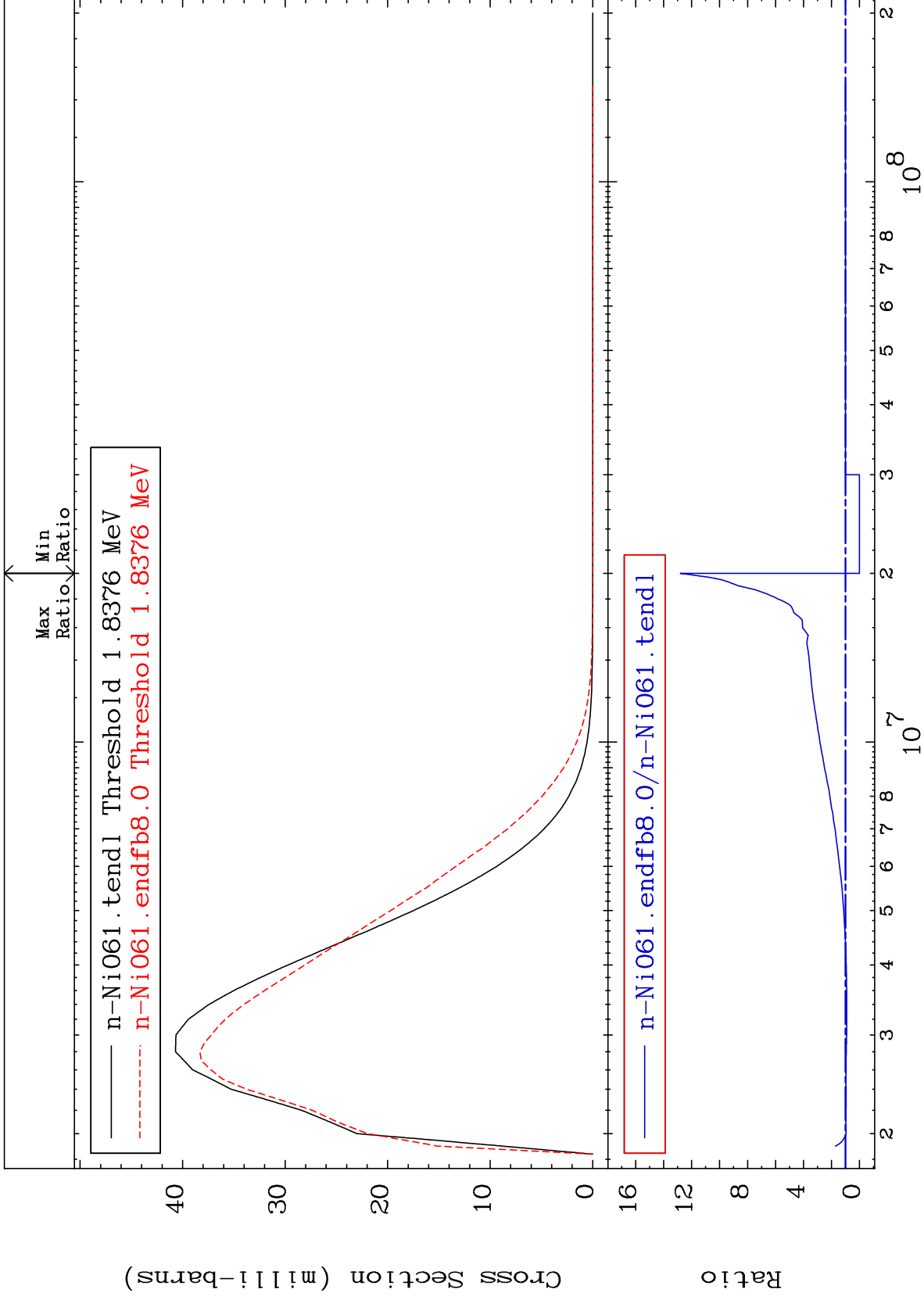
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61  
-100.0 To 1181. %



21

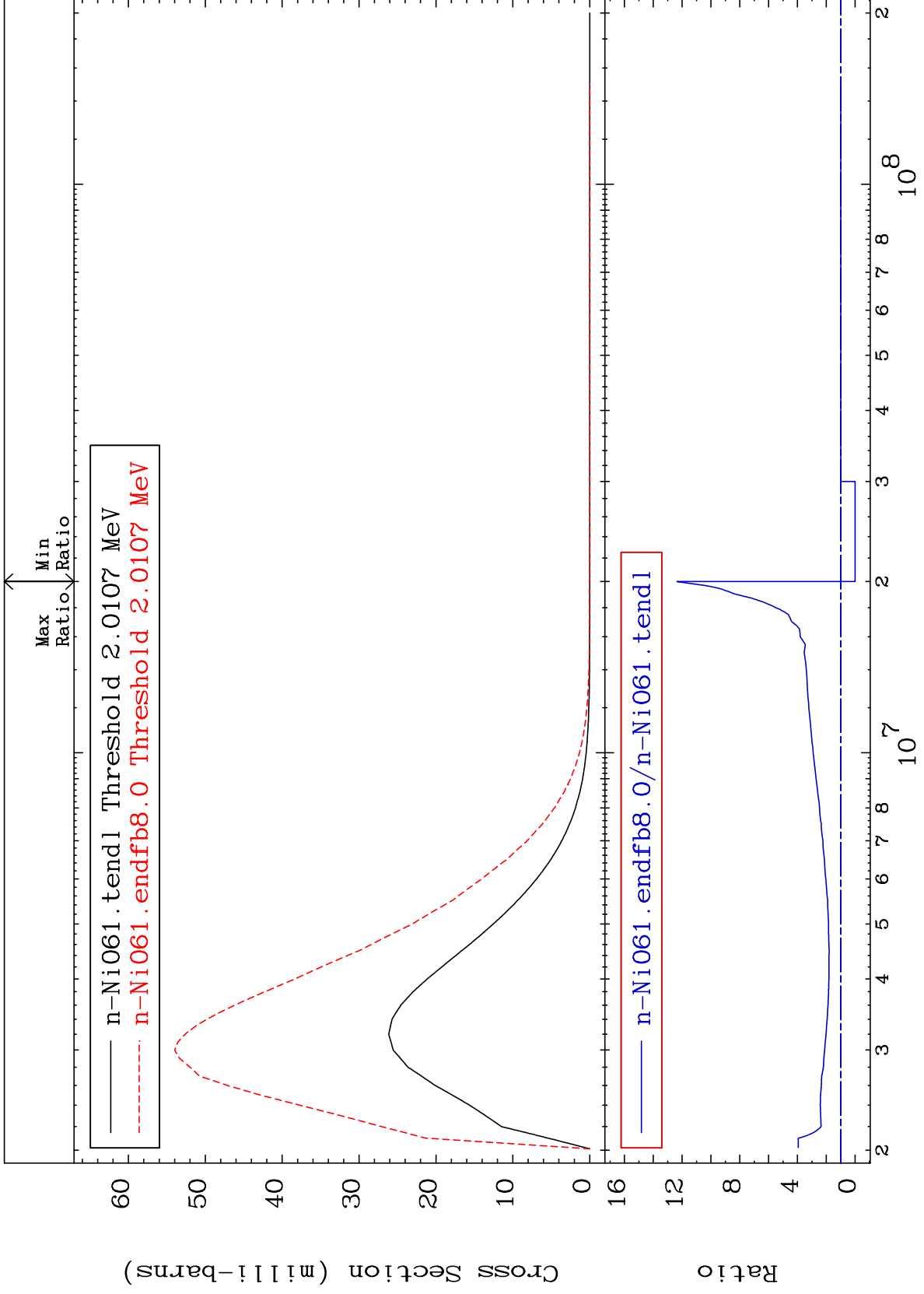
Incident Energy (eV)

28-Ni-61

MAT 2834

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

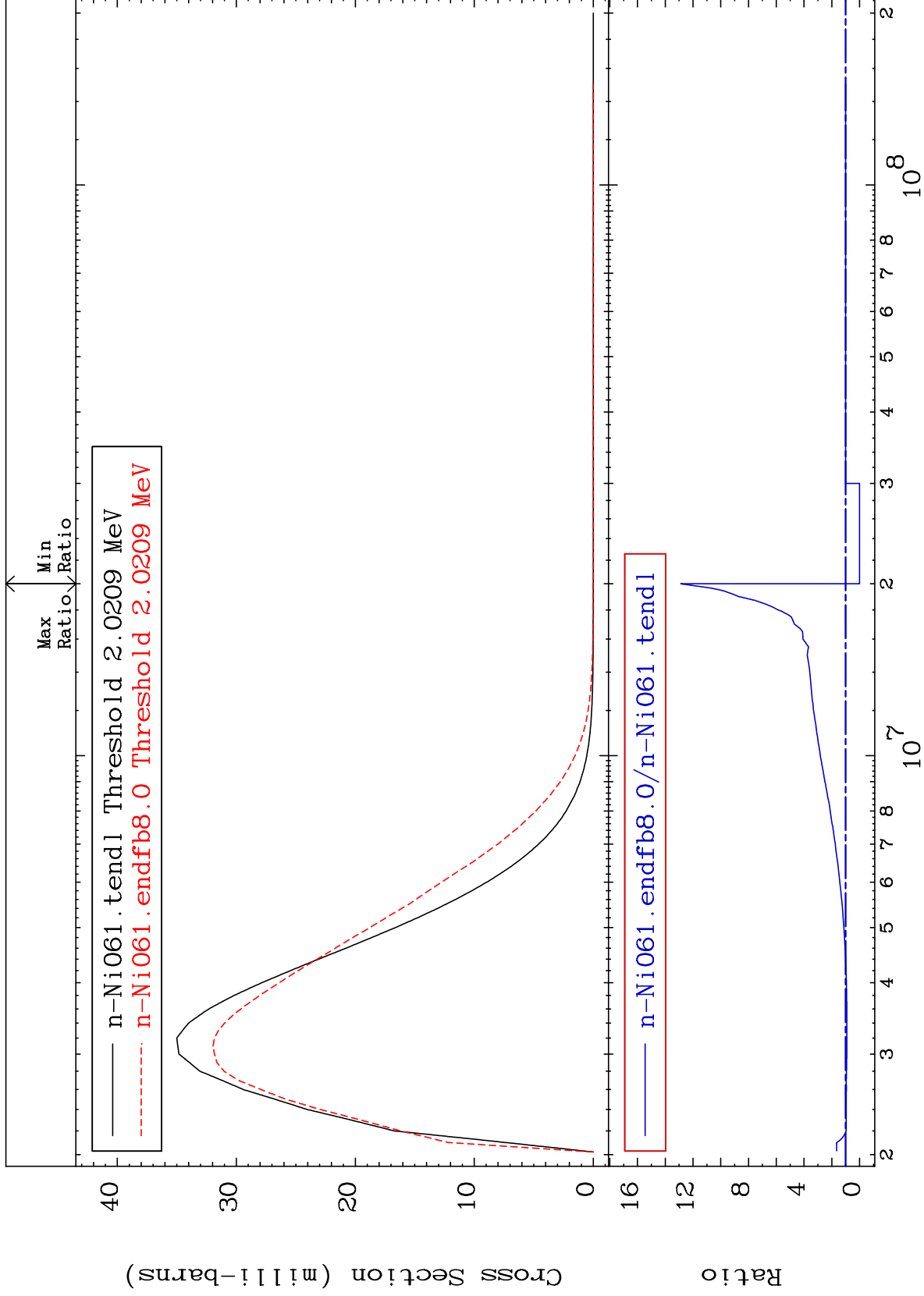
28-Ni-61  
-100.0 To 1136. %



MAT 2834

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

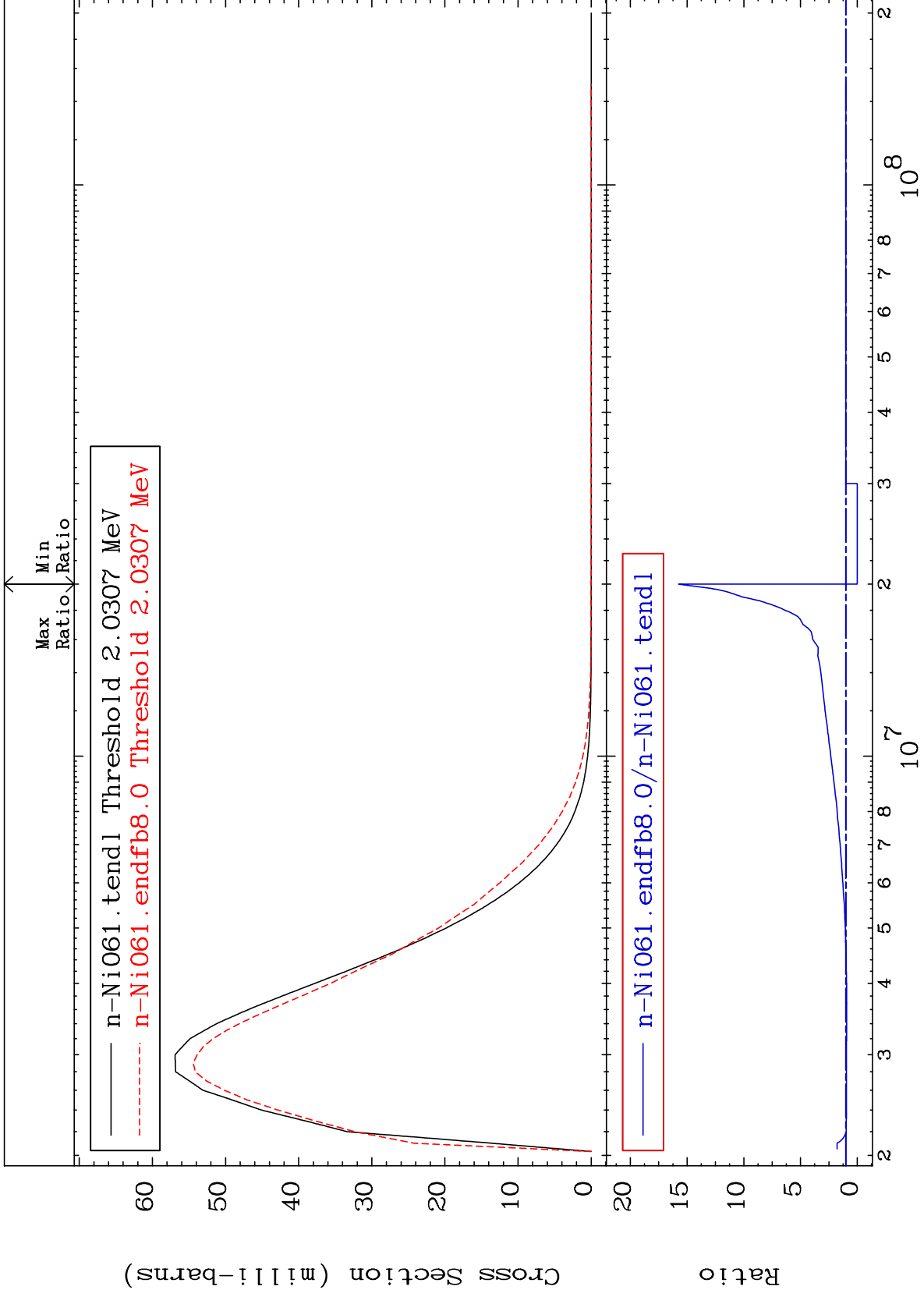
28-Ni-61  
-100.0 To 1188. %



MAT 2834

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

28-Ni-61  
-100.0 To 1474. %



24

Incident Energy (eV)

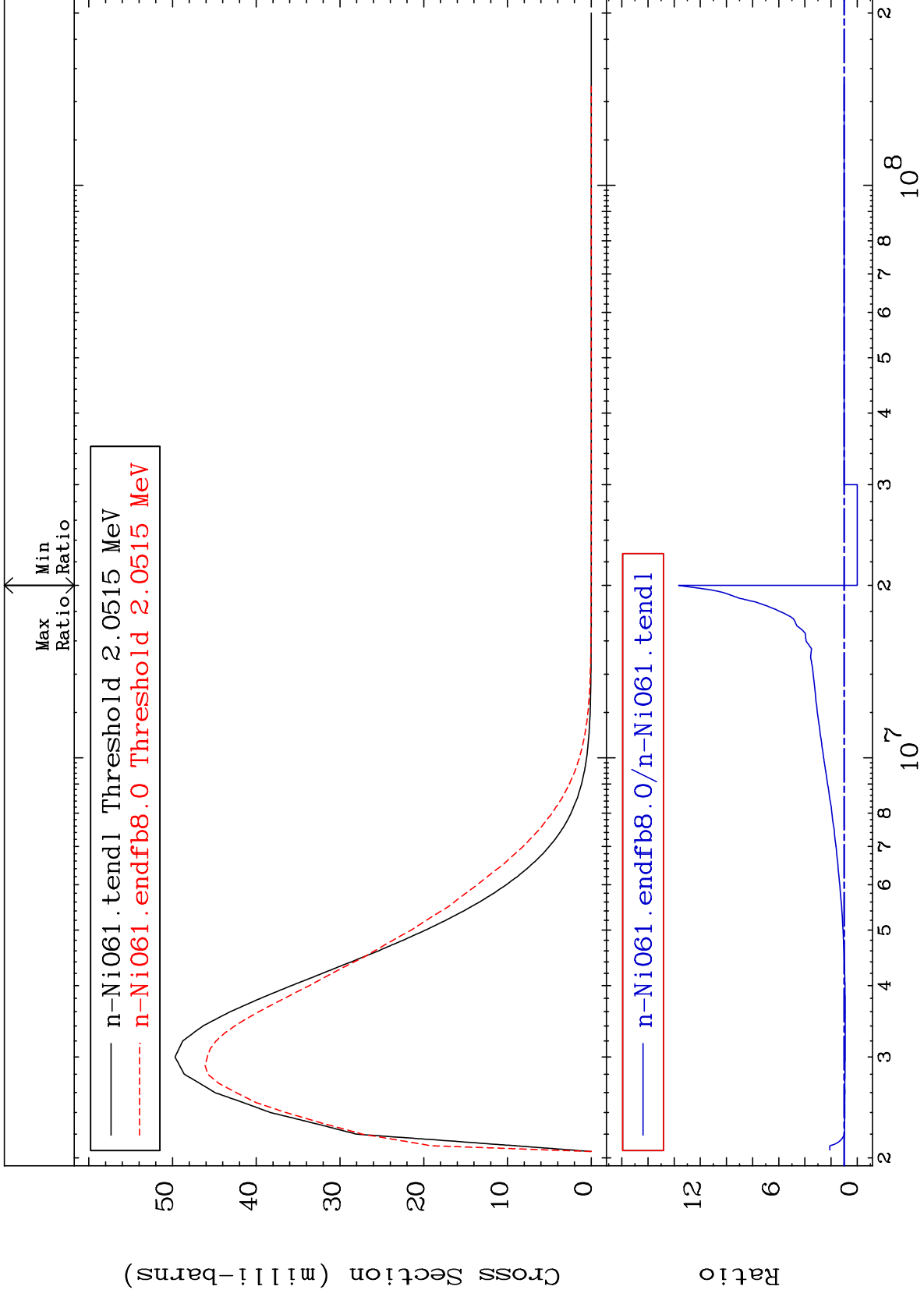
28-Ni-61



MAT 2834

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

28-Ni-61  
-100.0 To 1266. %



25

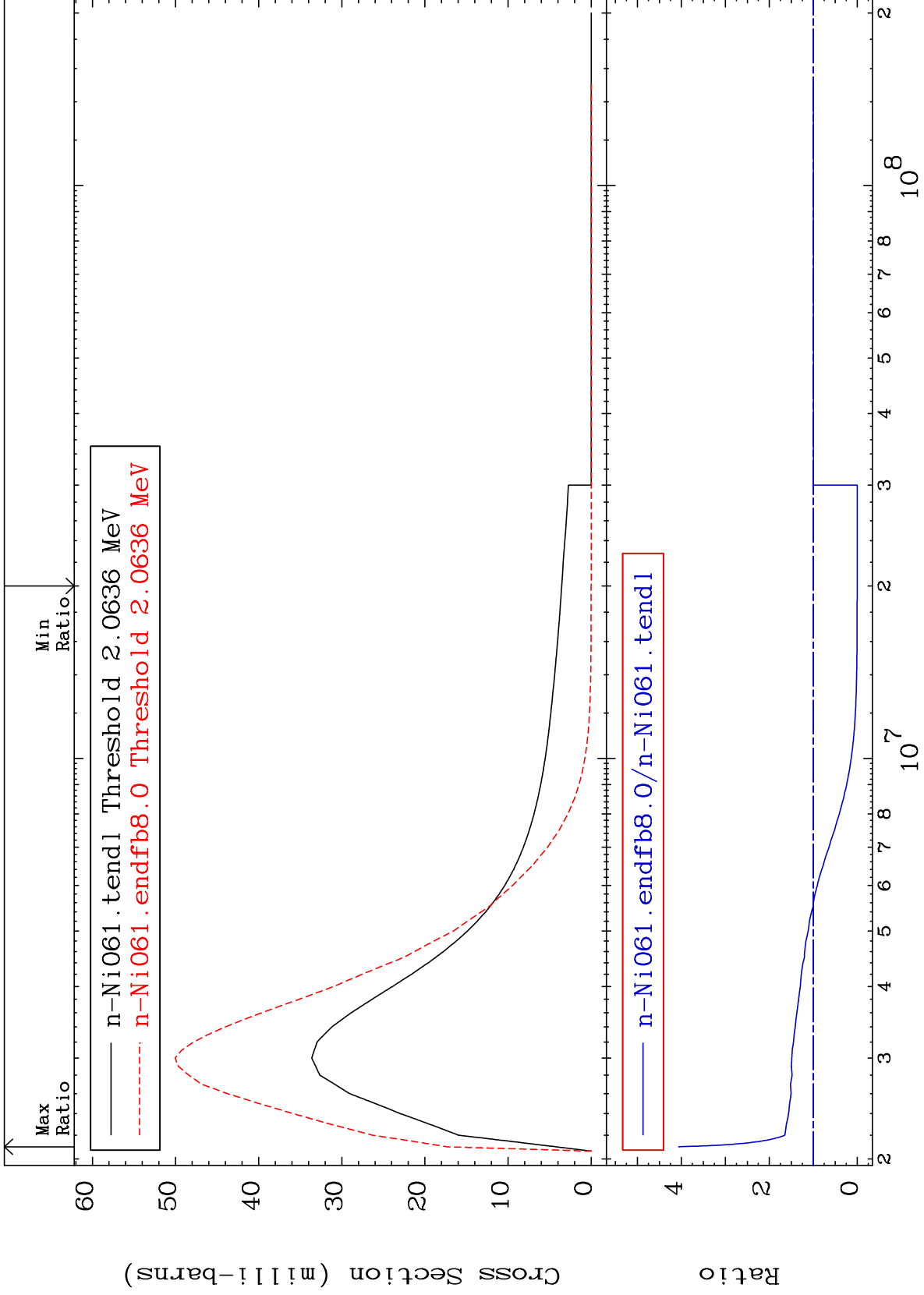
Incident Energy (eV)

28-Ni-61

MAT 2834

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

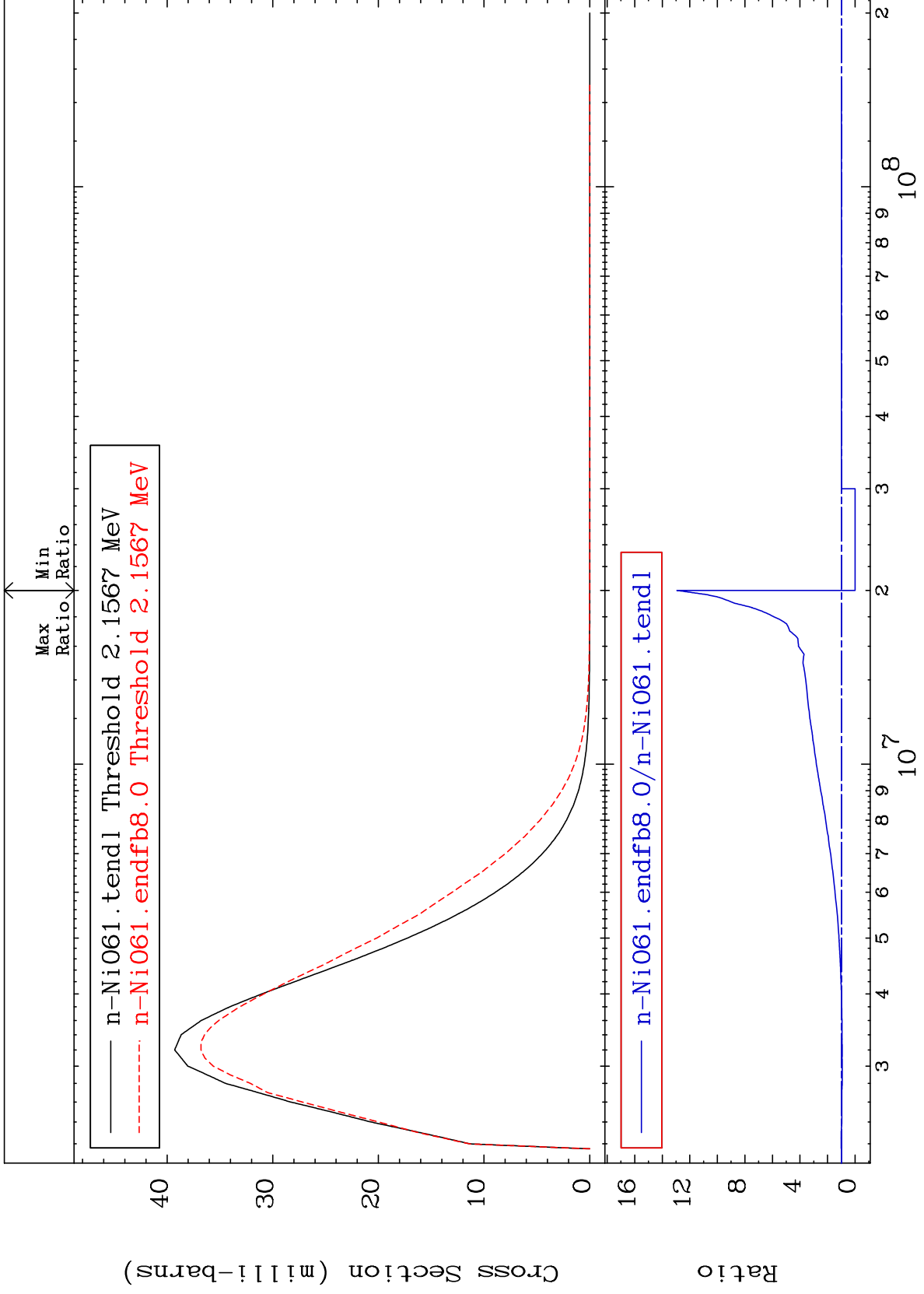
28-Ni-61  
-100.0 To 306.3 %



MAT 2834

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

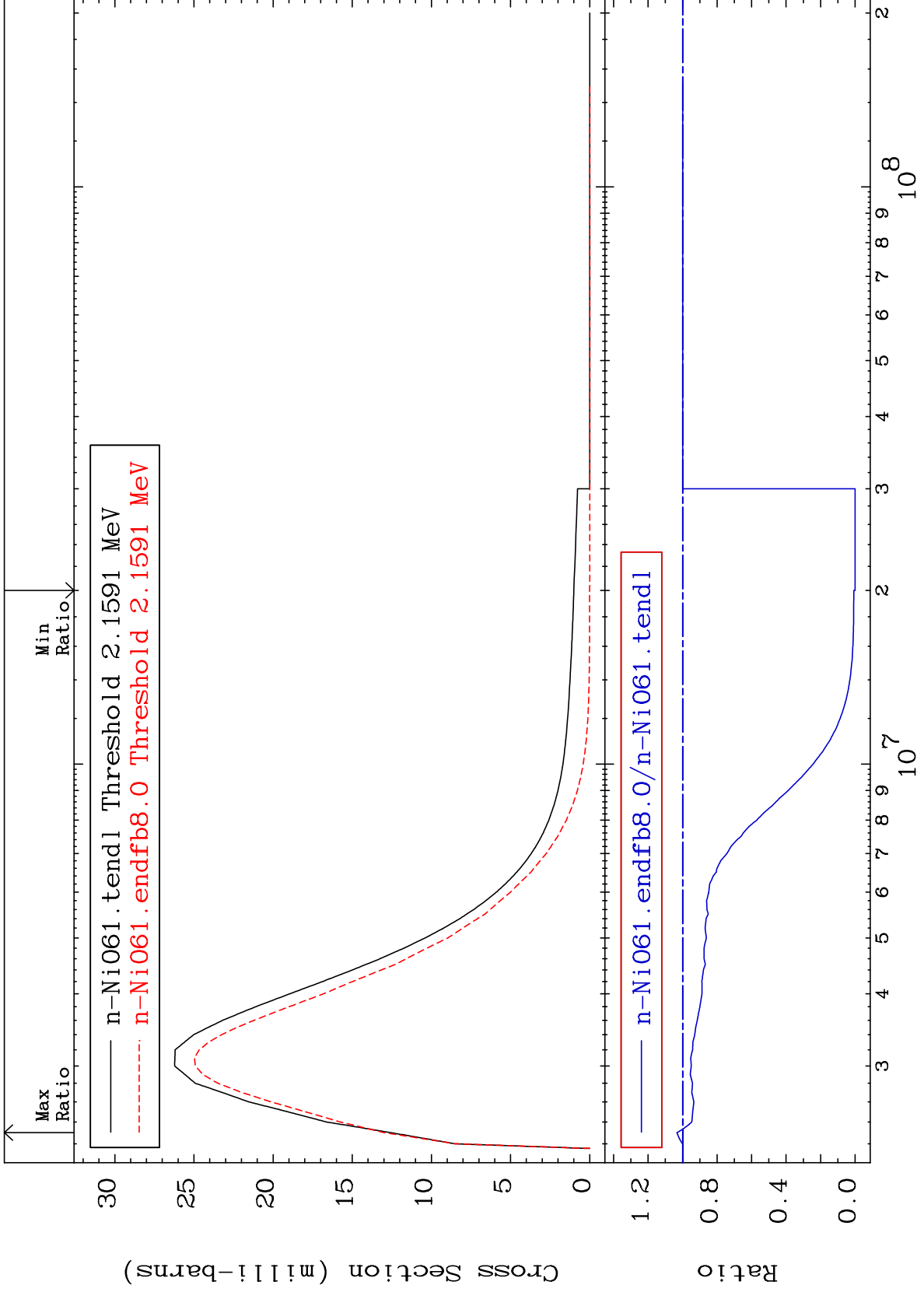
28-Ni-61  
-100.0 To 1194. %



MAT 2834

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

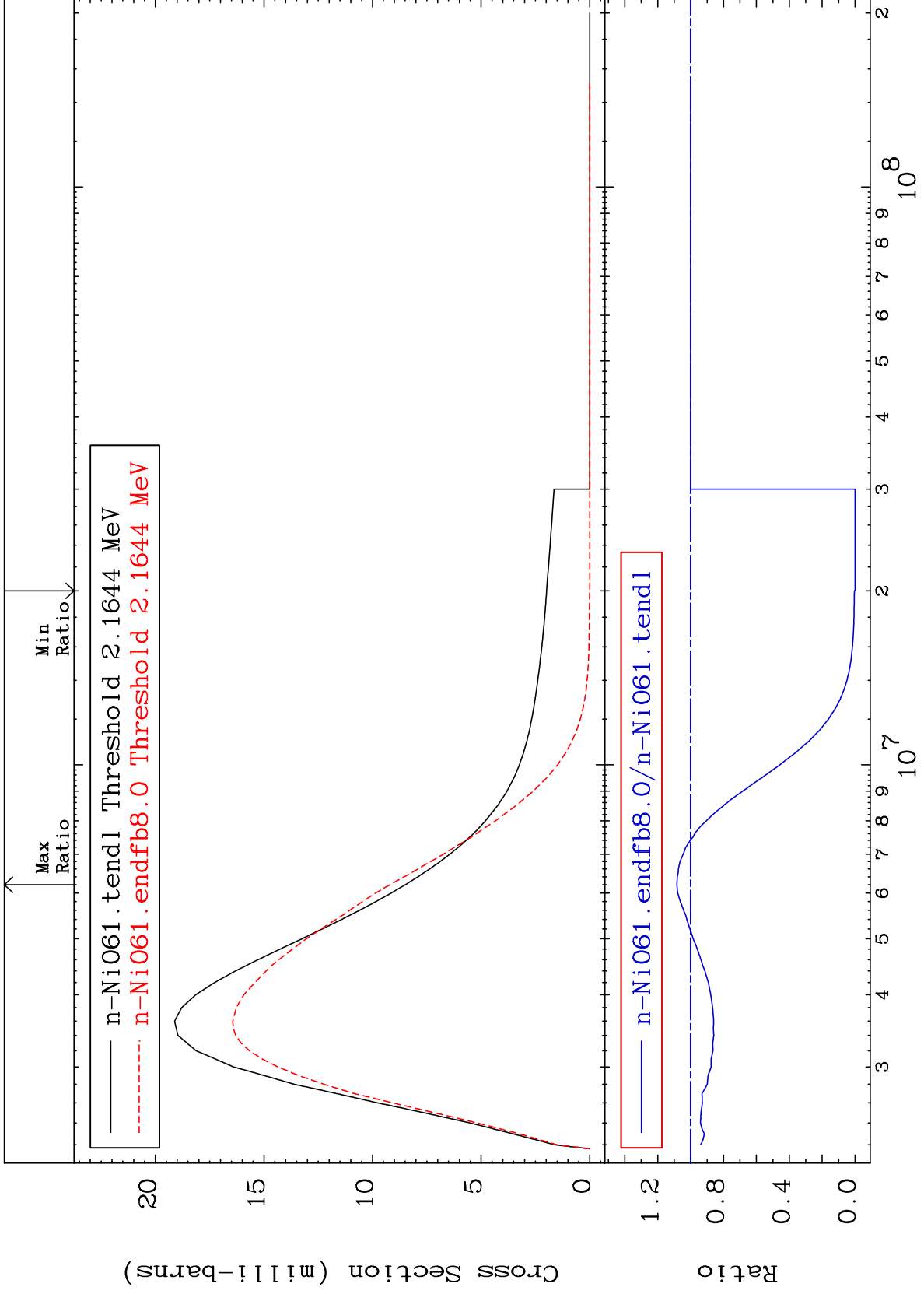
28-Ni-61  
-100.0 To 3.292 %



MAT 2834

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

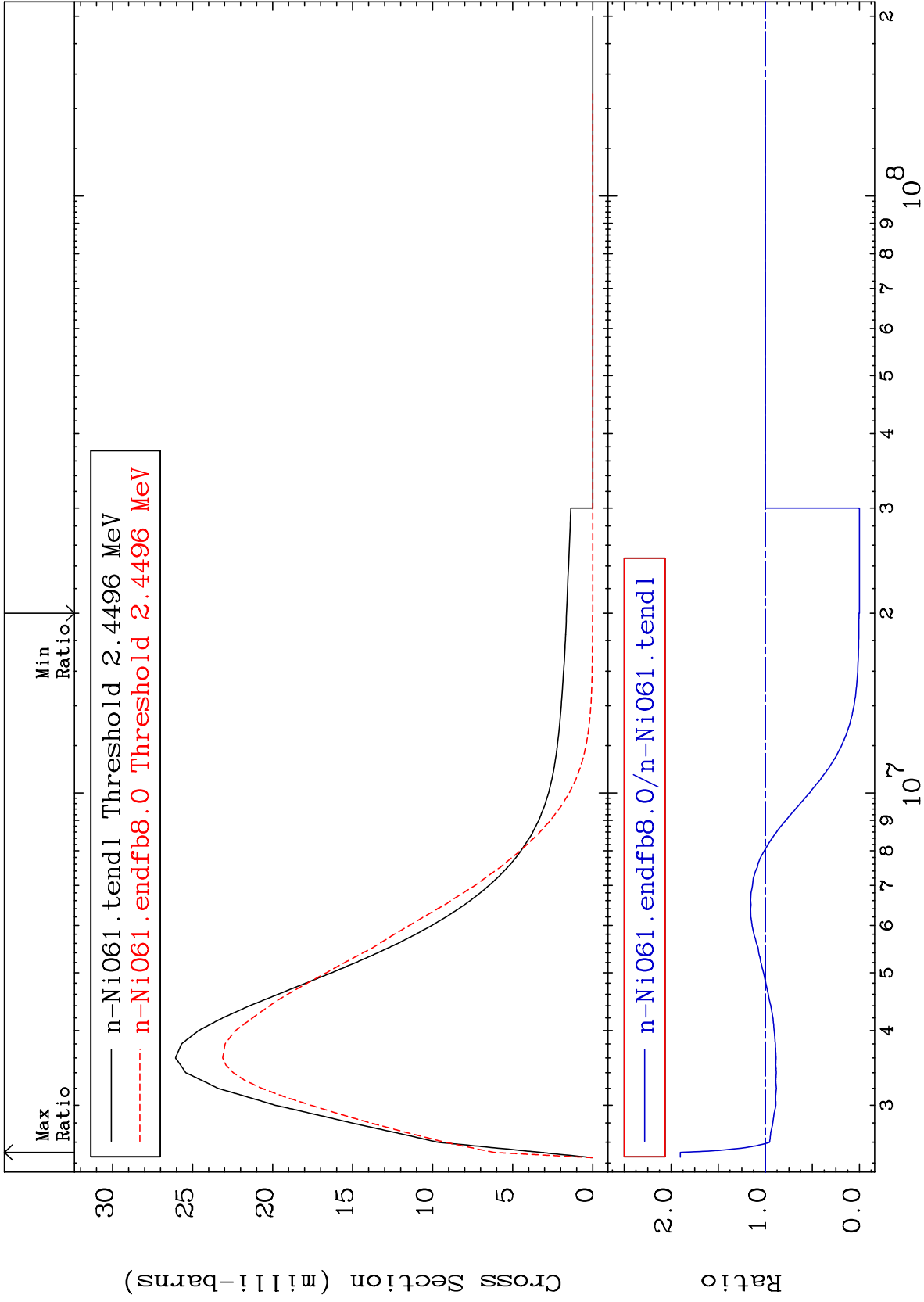
28-Ni-61  
-100.0 To 8.337 %



MAT 2834

MT= 71 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 90.29 %



30

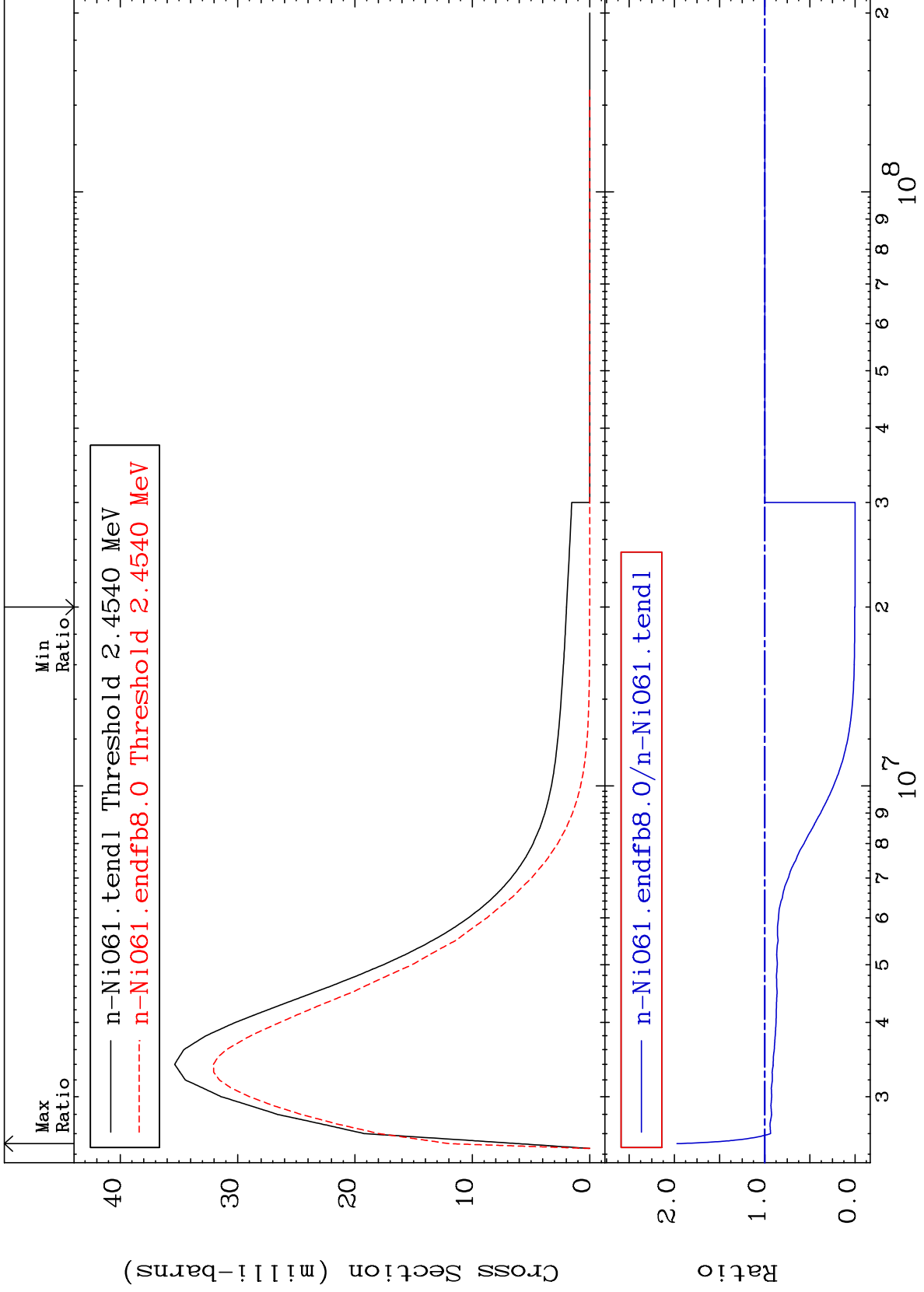
Incident Energy (eV)

28-Ni-61

MAT 2834

MT= 72 (n,n') Level  
Cross Section

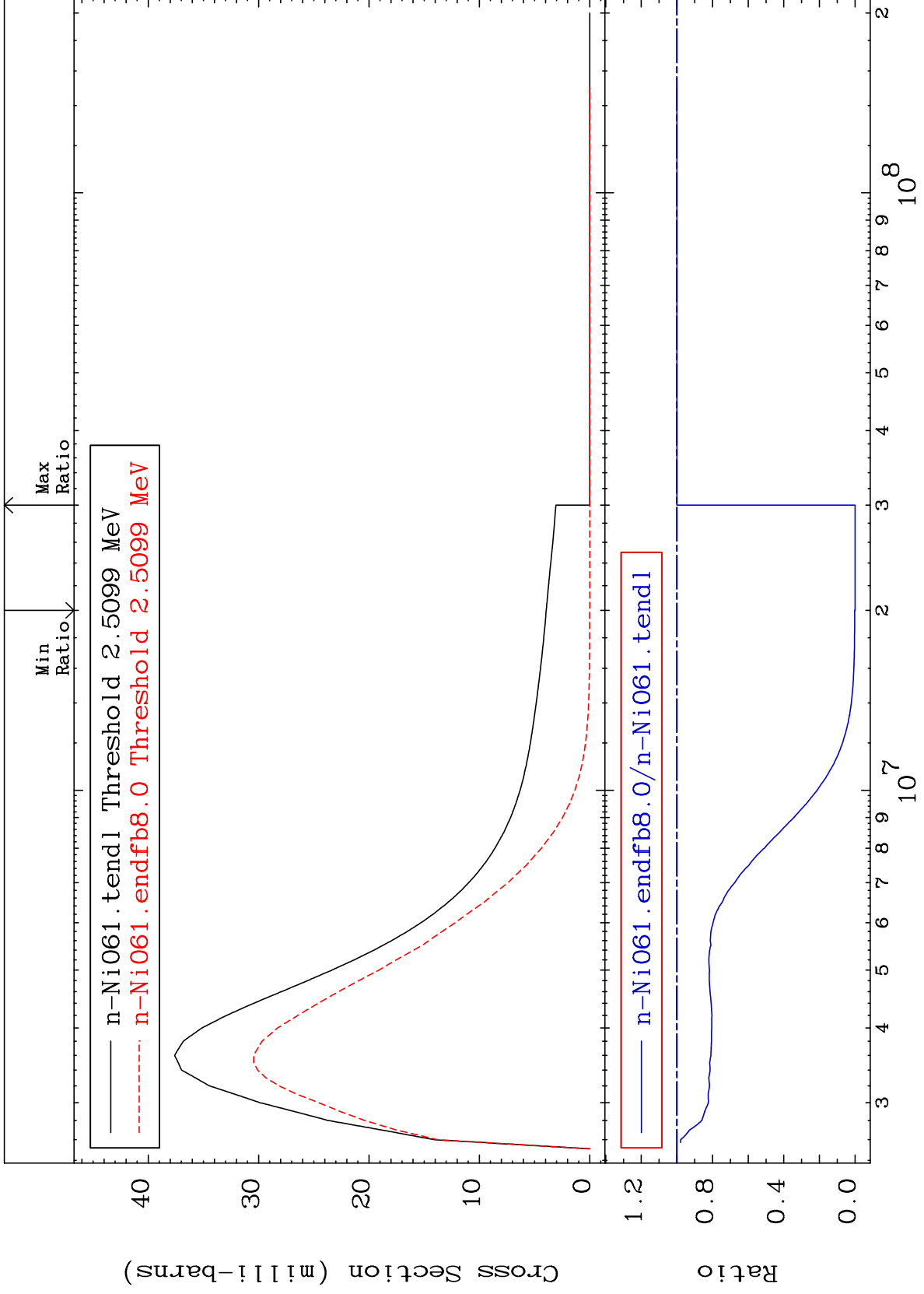
28-Ni-61  
-100.0 To 97.20 %



MAT 2834

MT= 73 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 0.000 %



32

Incident Energy (eV)

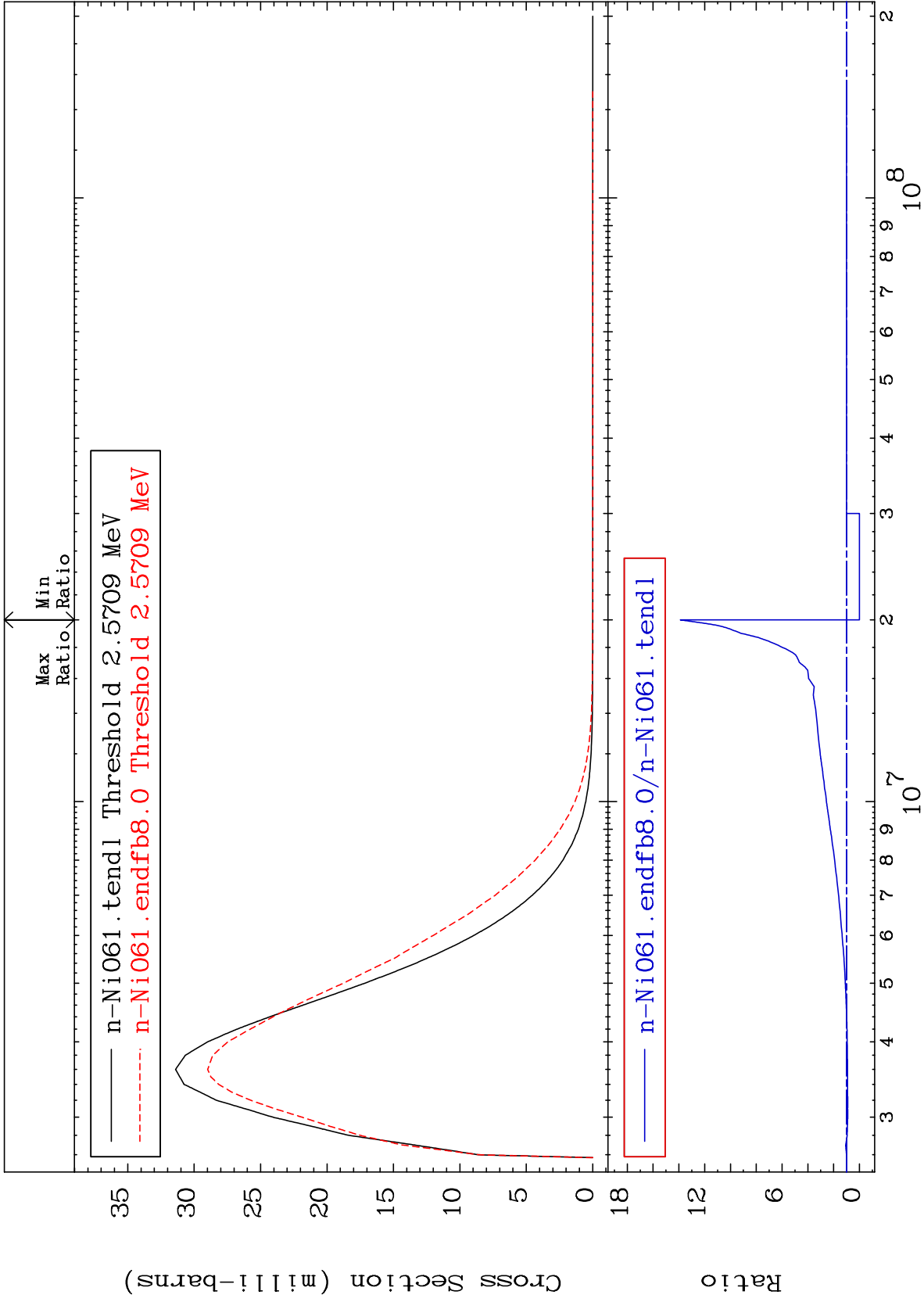
28-Ni-61



MAT 2834

MT= 74 (n,n') Level  
Cross Section

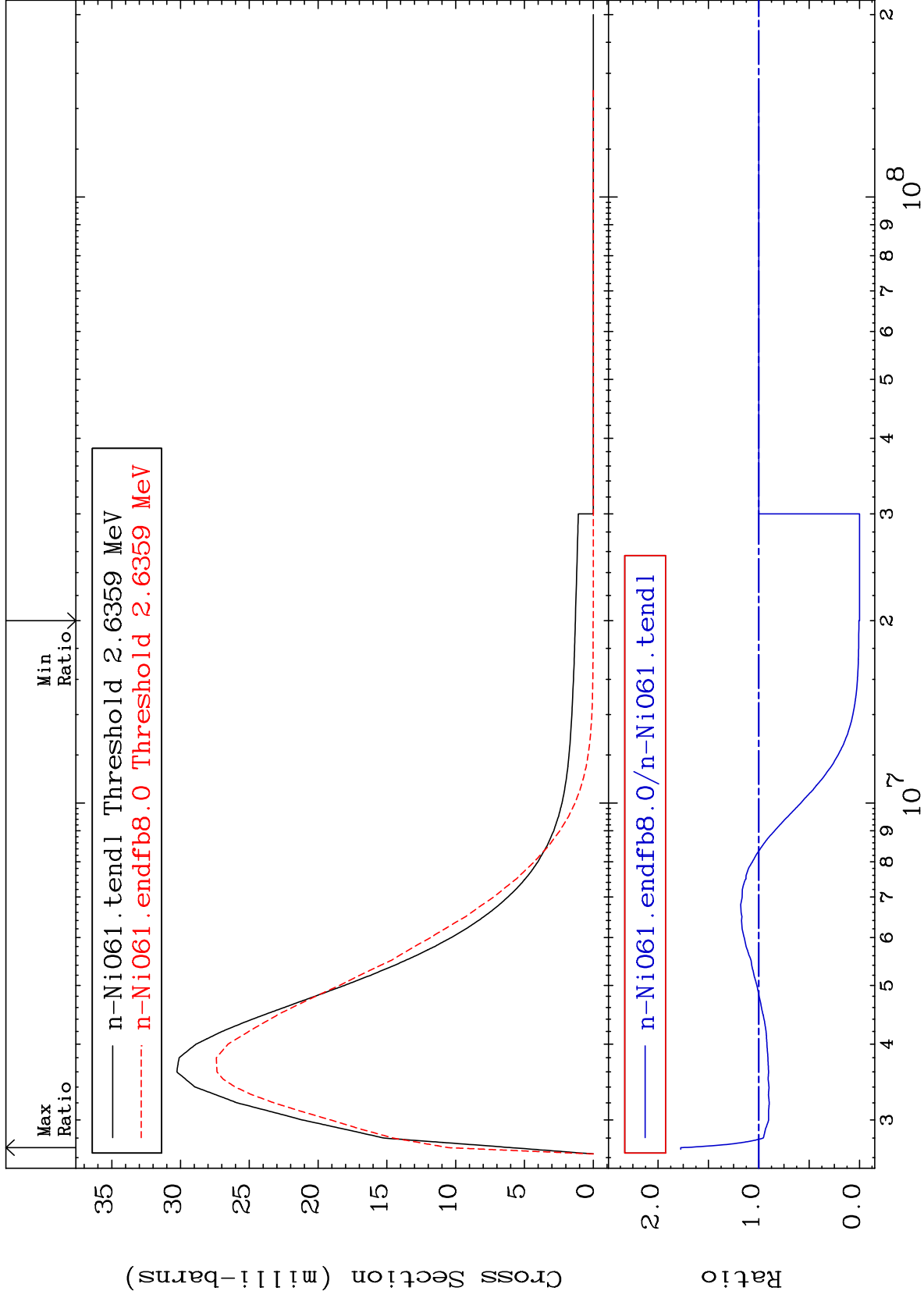
28-Ni-61  
-100.0 To 1289. %



MAT 2834

MT= 75 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 77.51 %



34

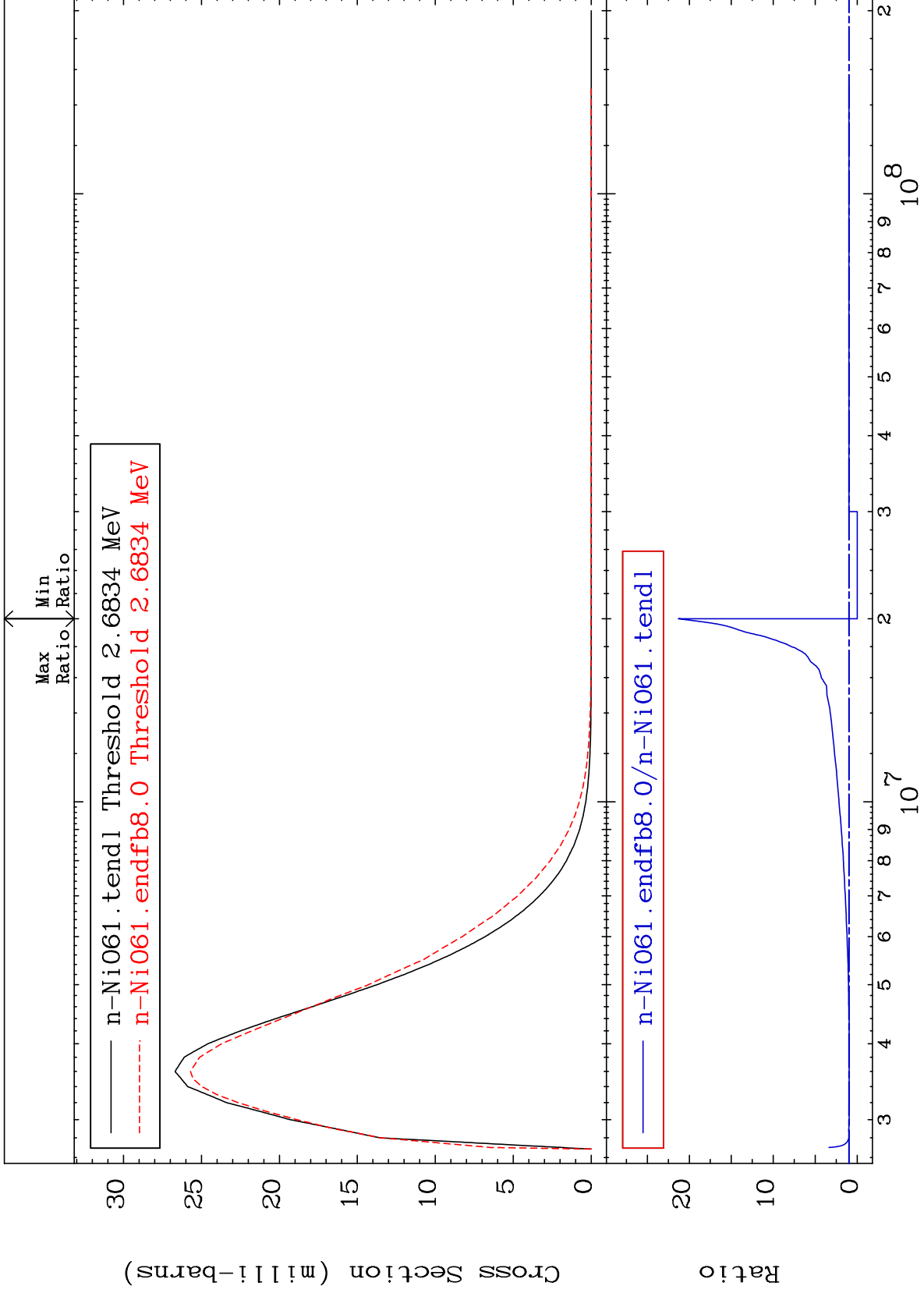
Incident Energy (eV)

28-Ni-61

MAT 2834

MT= 76 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 2027. %



35

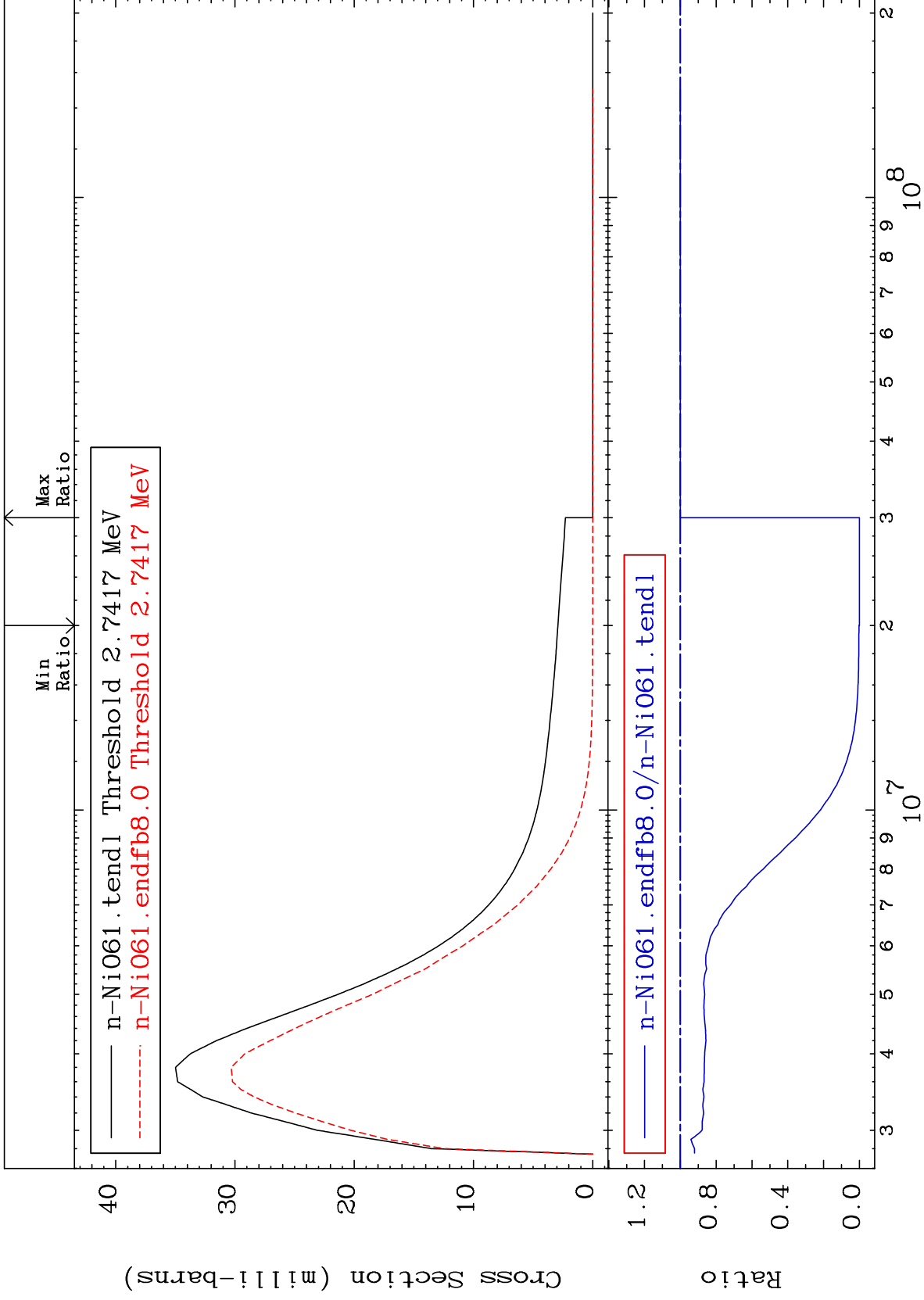
Incident Energy (eV)

28-Ni-61

MAT 2834

MT= 77 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 0.000 %



36

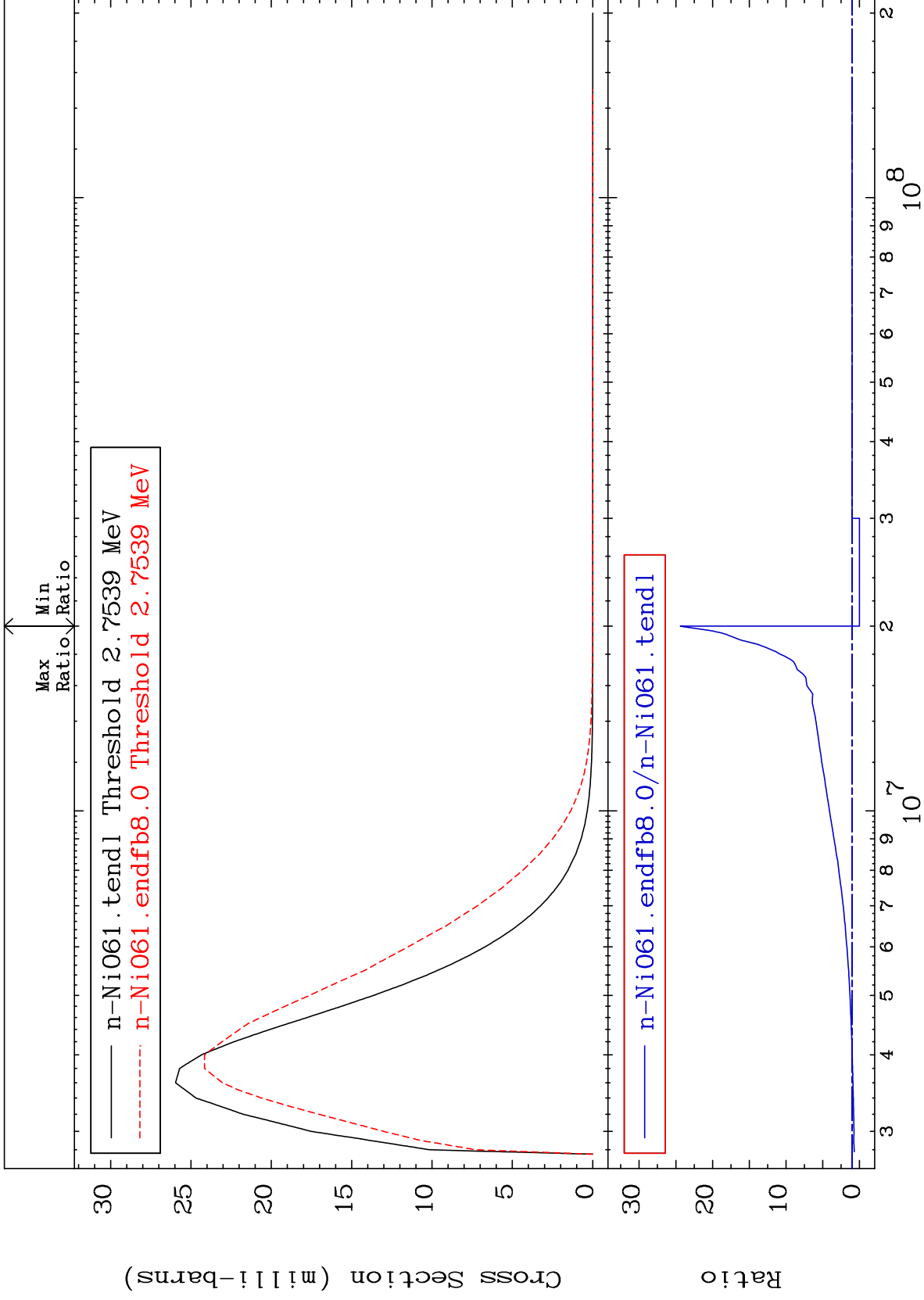
Incident Energy (eV)

28-Ni-61

MAT 2834

MT= 78 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 2338. %



37

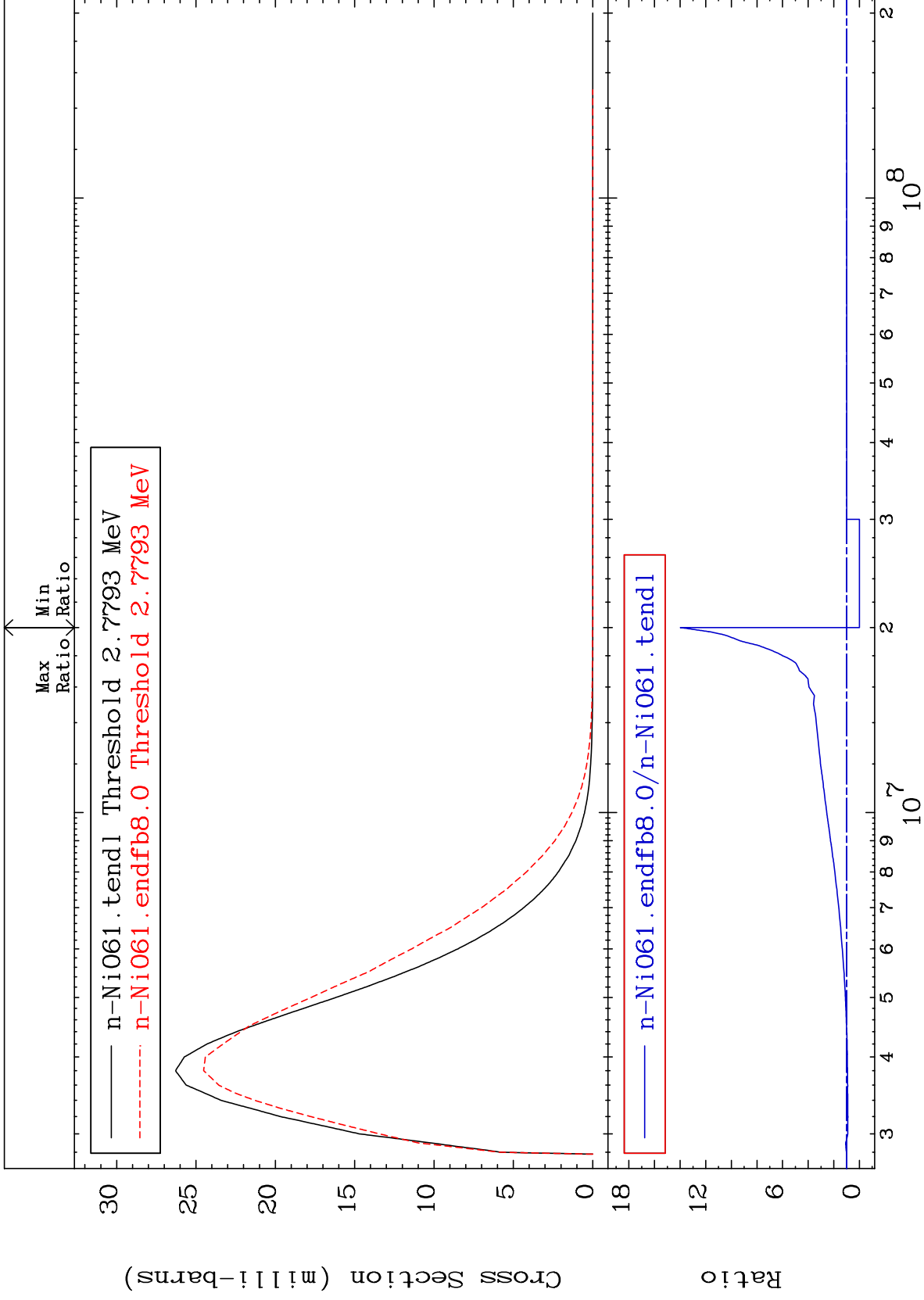
Incident Energy (eV)

28-Ni-61

MAT 2834

MT= 79 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 1298. %



38

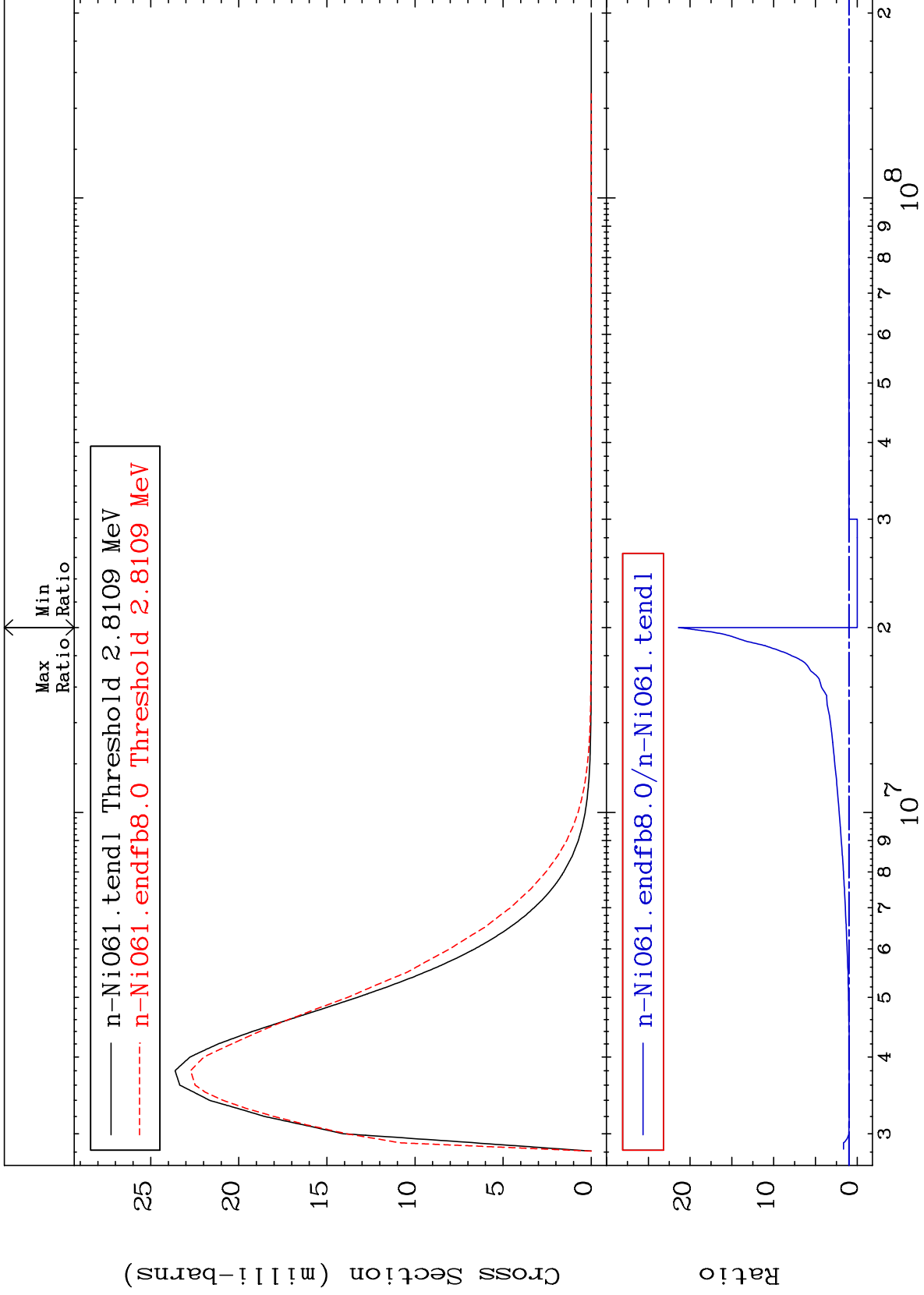
Incident Energy (eV)

28-Ni-61

MAT 2834

MT= 80 (n,n') Level  
Cross Section

28-Ni-61  
-100.0 To 2037. %



39

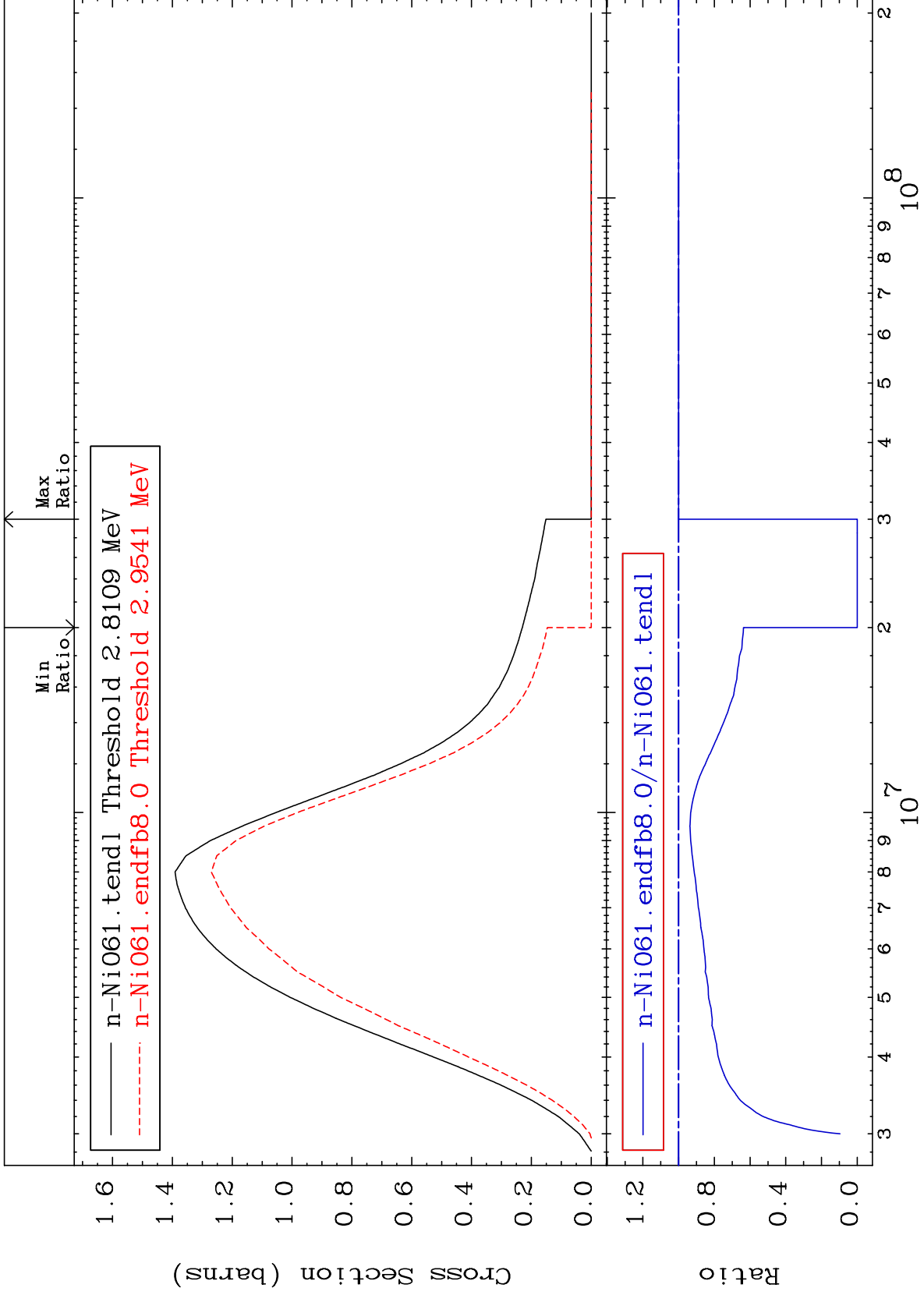
Incident Energy (eV)

28-Ni-61

MAT 2834

(n, n') Continuum  
Cross Section

28-Ni-61  
-100.0 To 0.000 %



40

Incident Energy (eV)

28-Ni-61



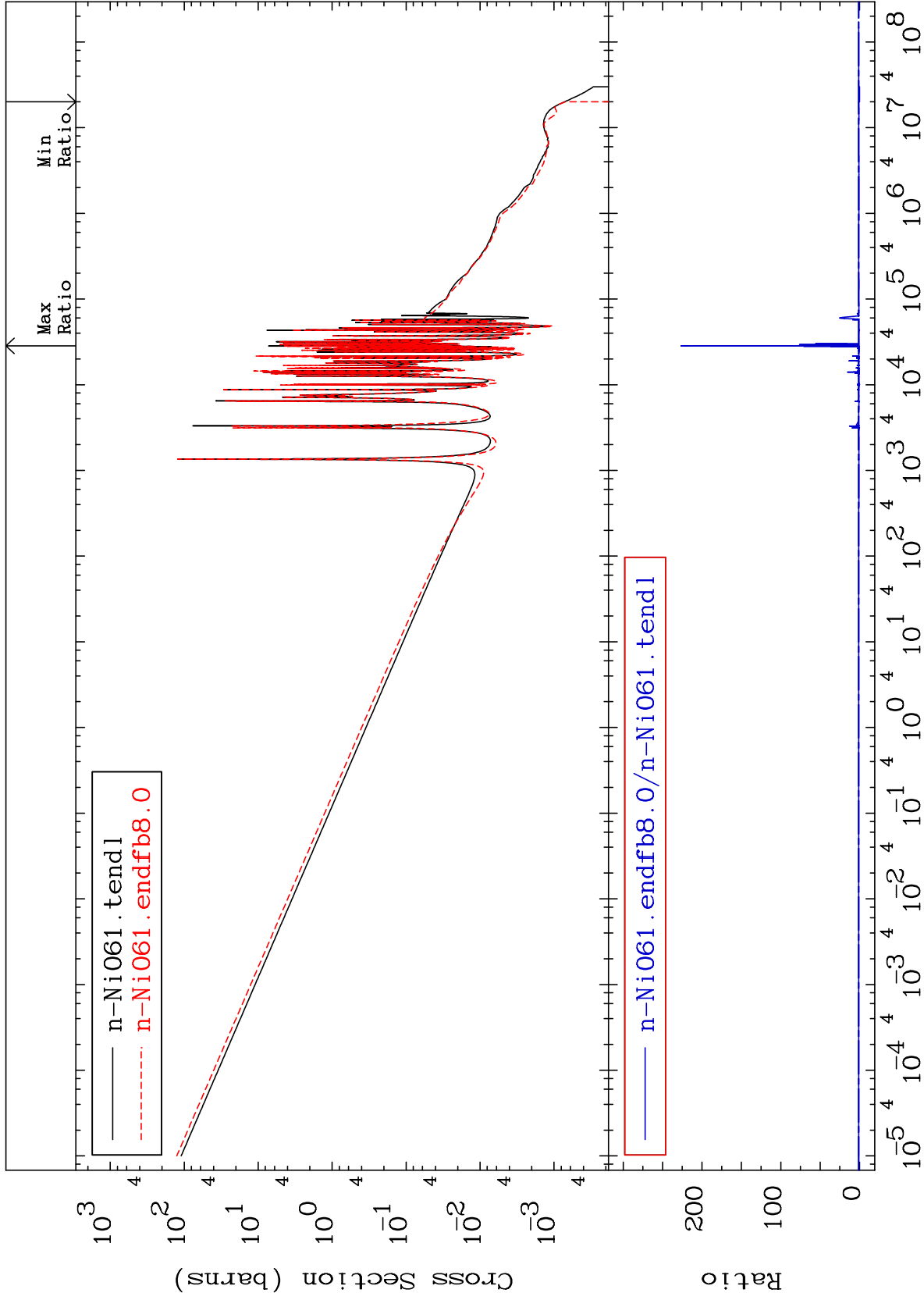
MAT 2834

(n,  $\gamma$ )

28-Ni-61

Cross Section

-100.0 To 9999. %



41

Incident Energy (eV)

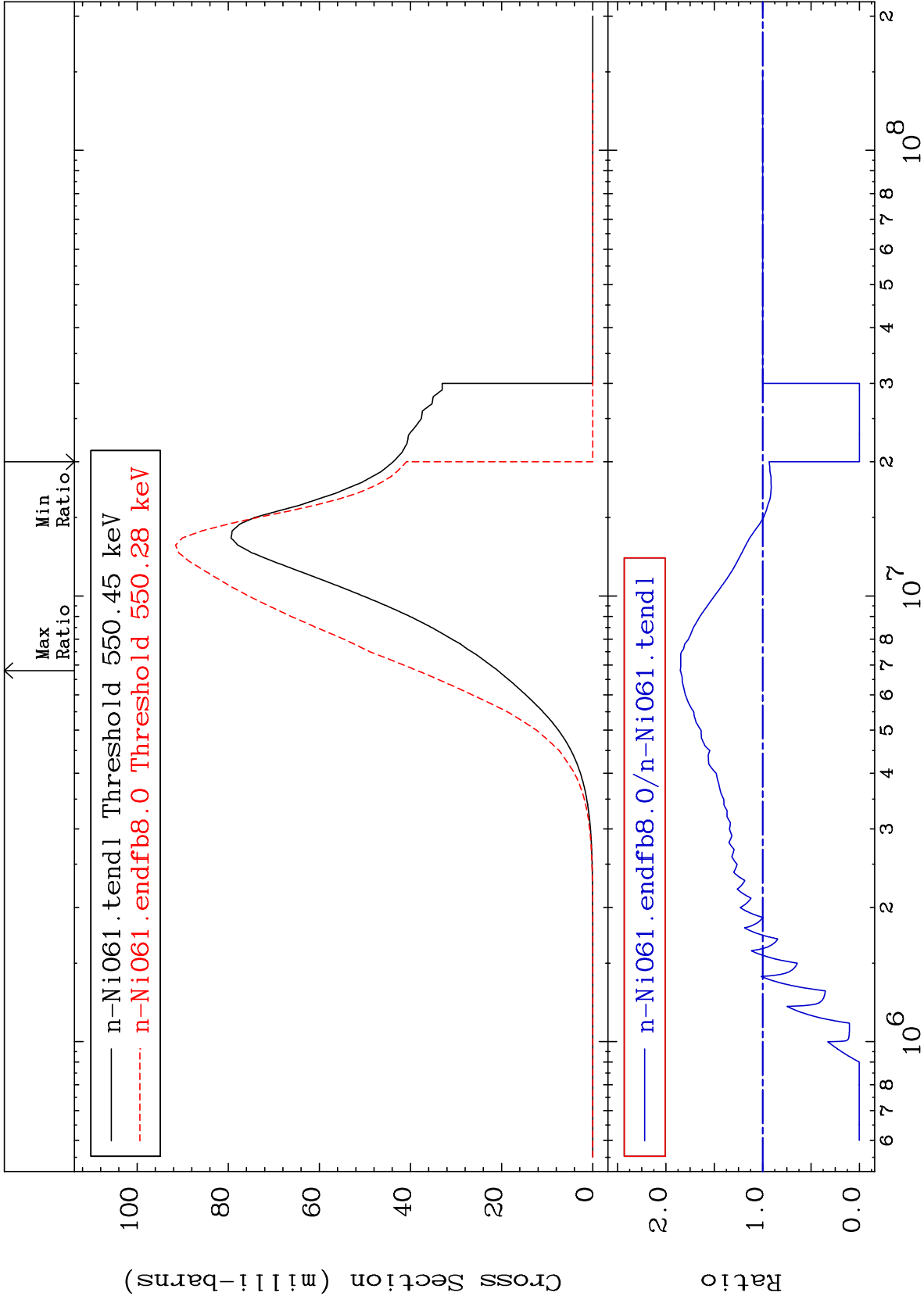
28-Ni-61

MAT 2834

<sup>28</sup>Ni-61

(n,p)  
-100.0 To 85.15 %

Cross Section



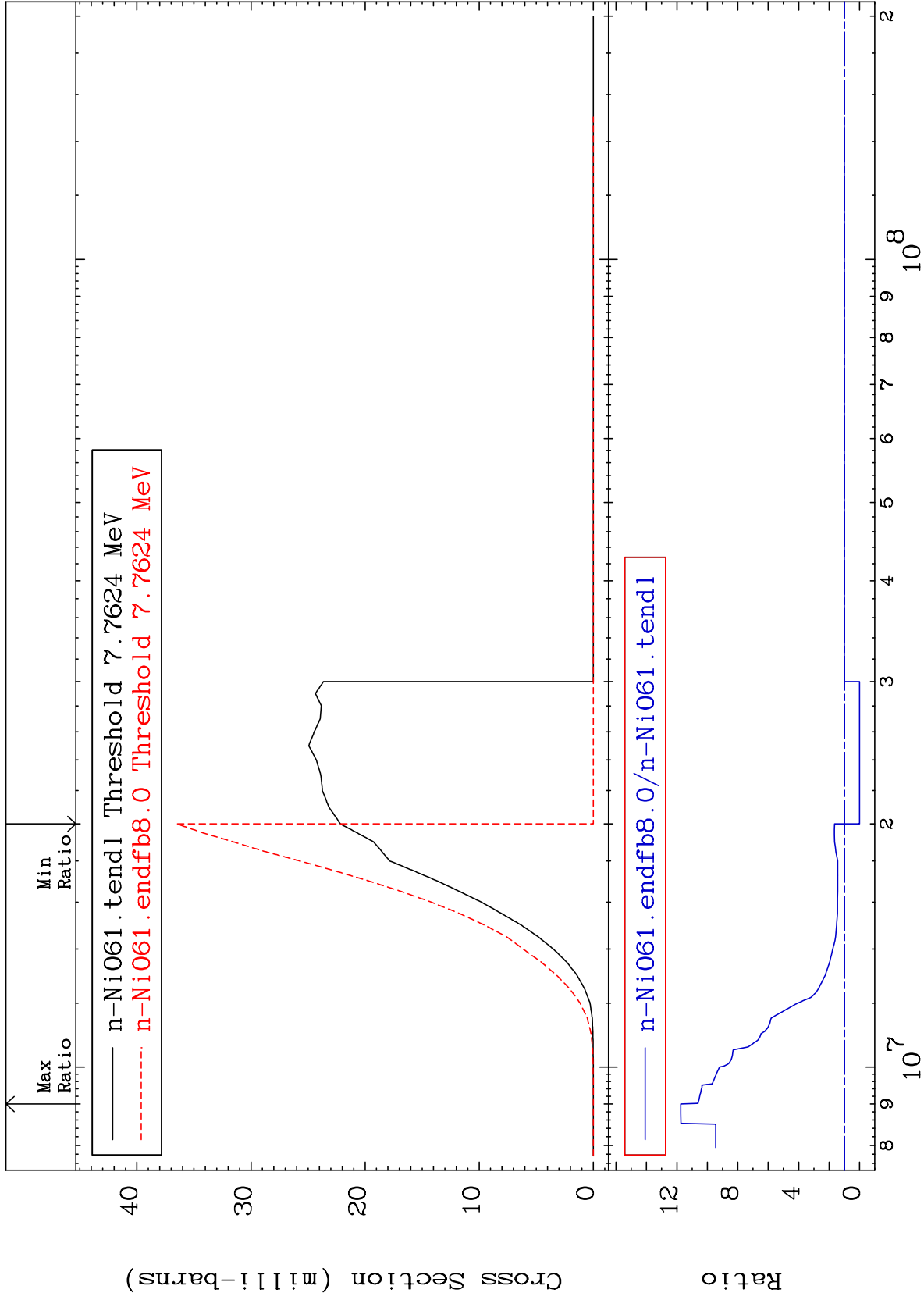
MAT 2834

(n, d)

28-Ni-61

Cross Section

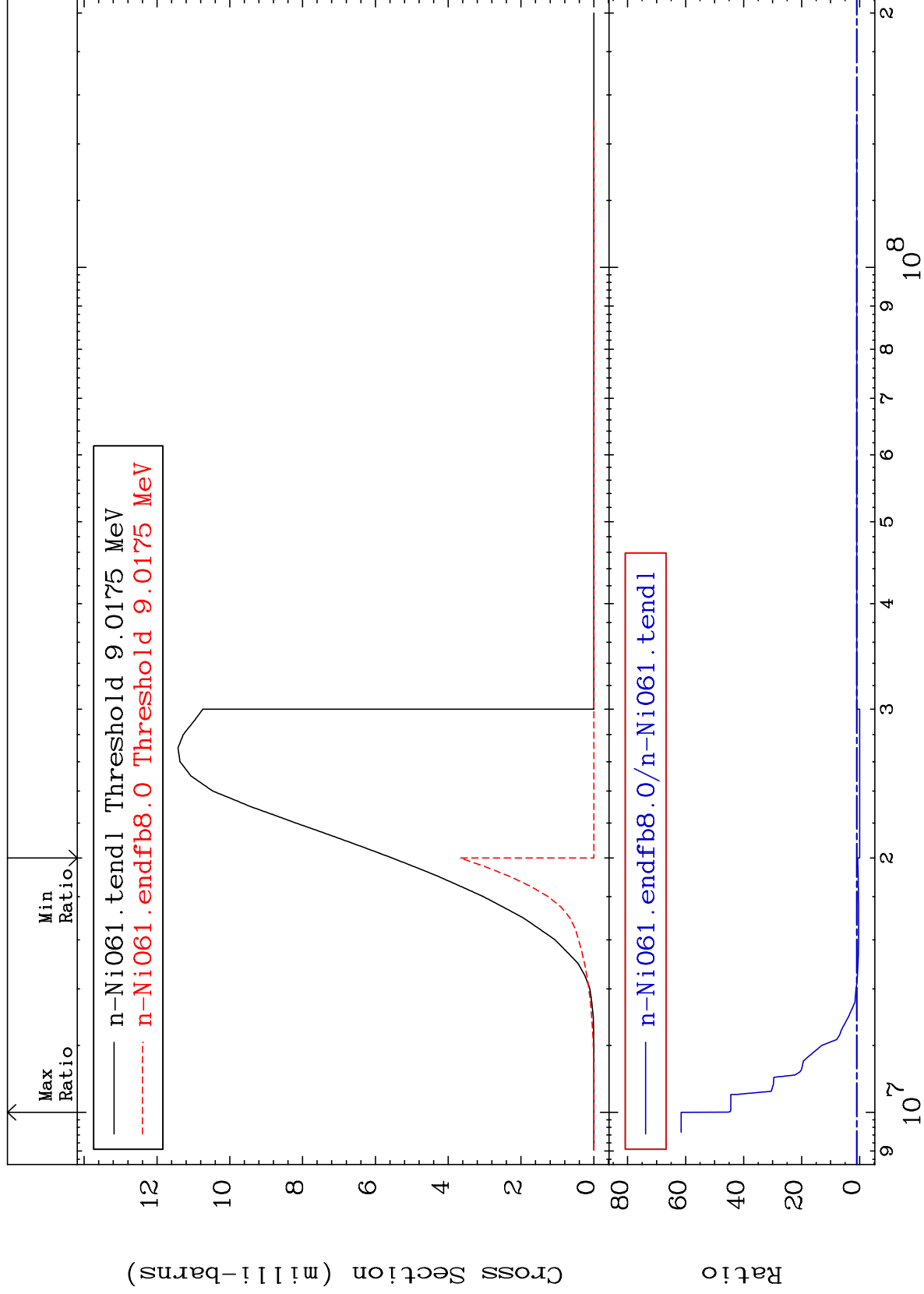
-100.0 To 1075. %



MAT 2834

(n, t)  
Cross Section

28-Ni-61  
-100.0 To 6053. %



44

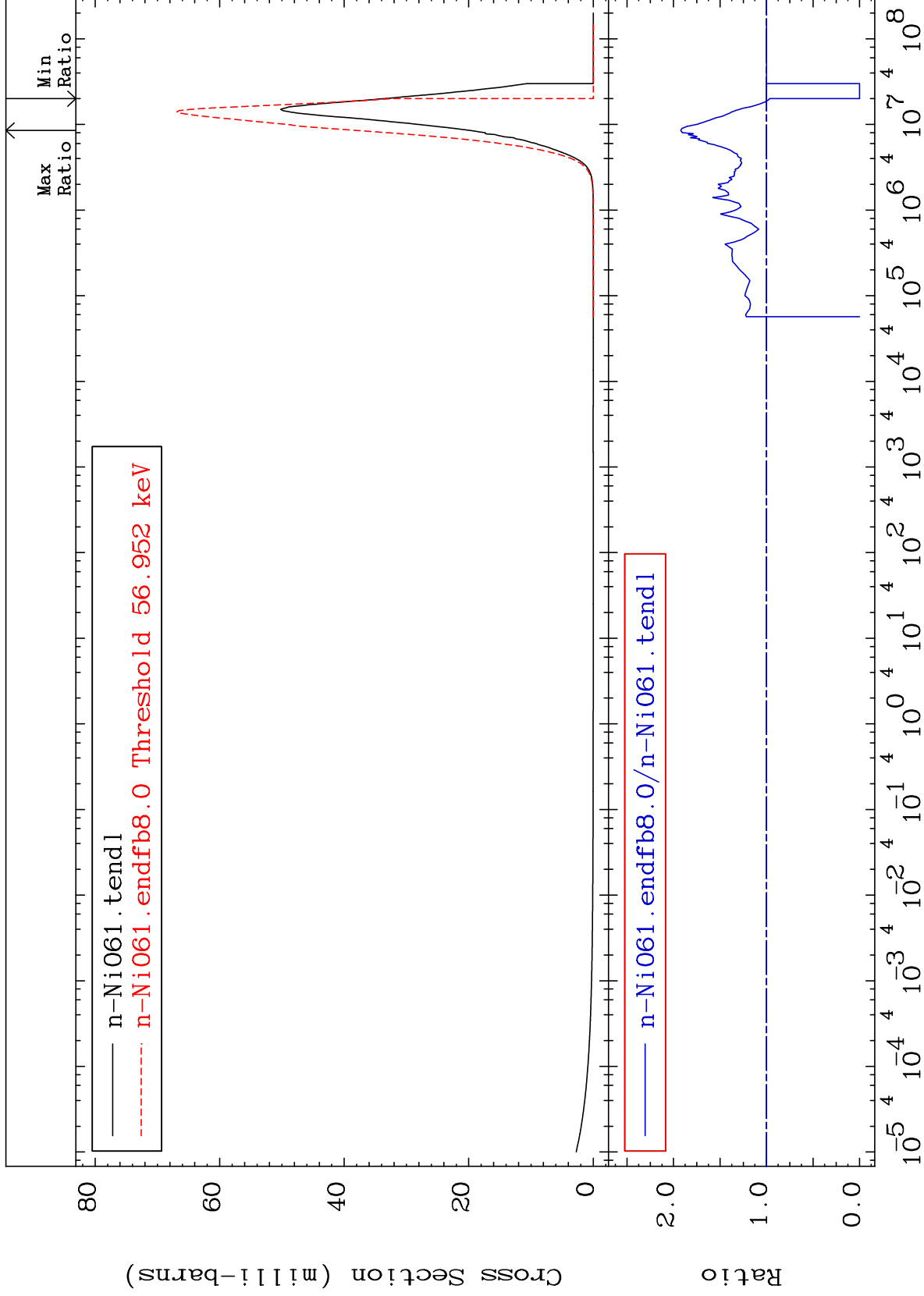
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,  $\alpha$ )  
Cross Section

28-Ni-61  
-100.0 To 92.22 %



45

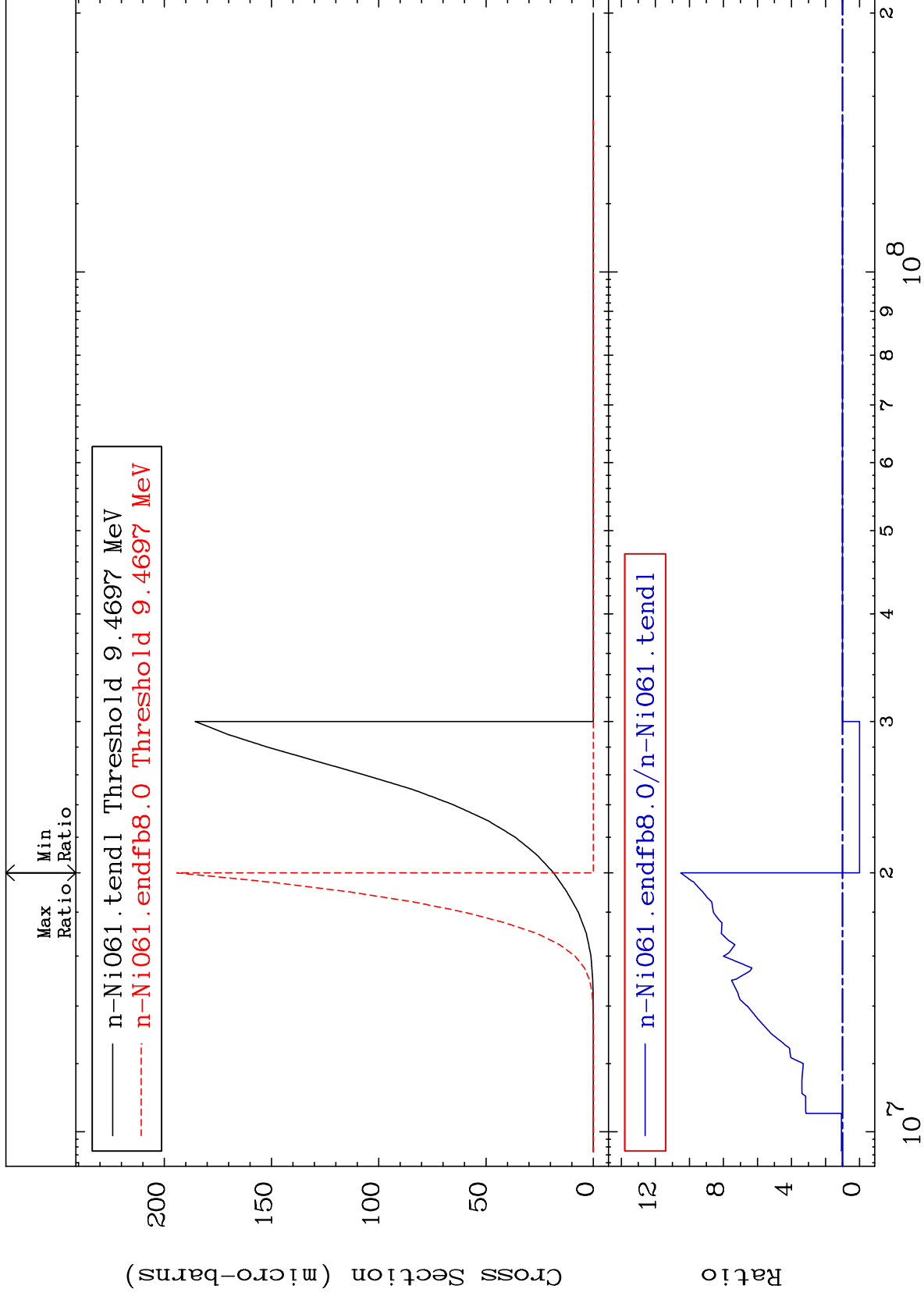
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,2p)  
Cross Section

28-Ni-61  
-100.0 To 950.7 %



46

28-Ni-61

28-Ni-61

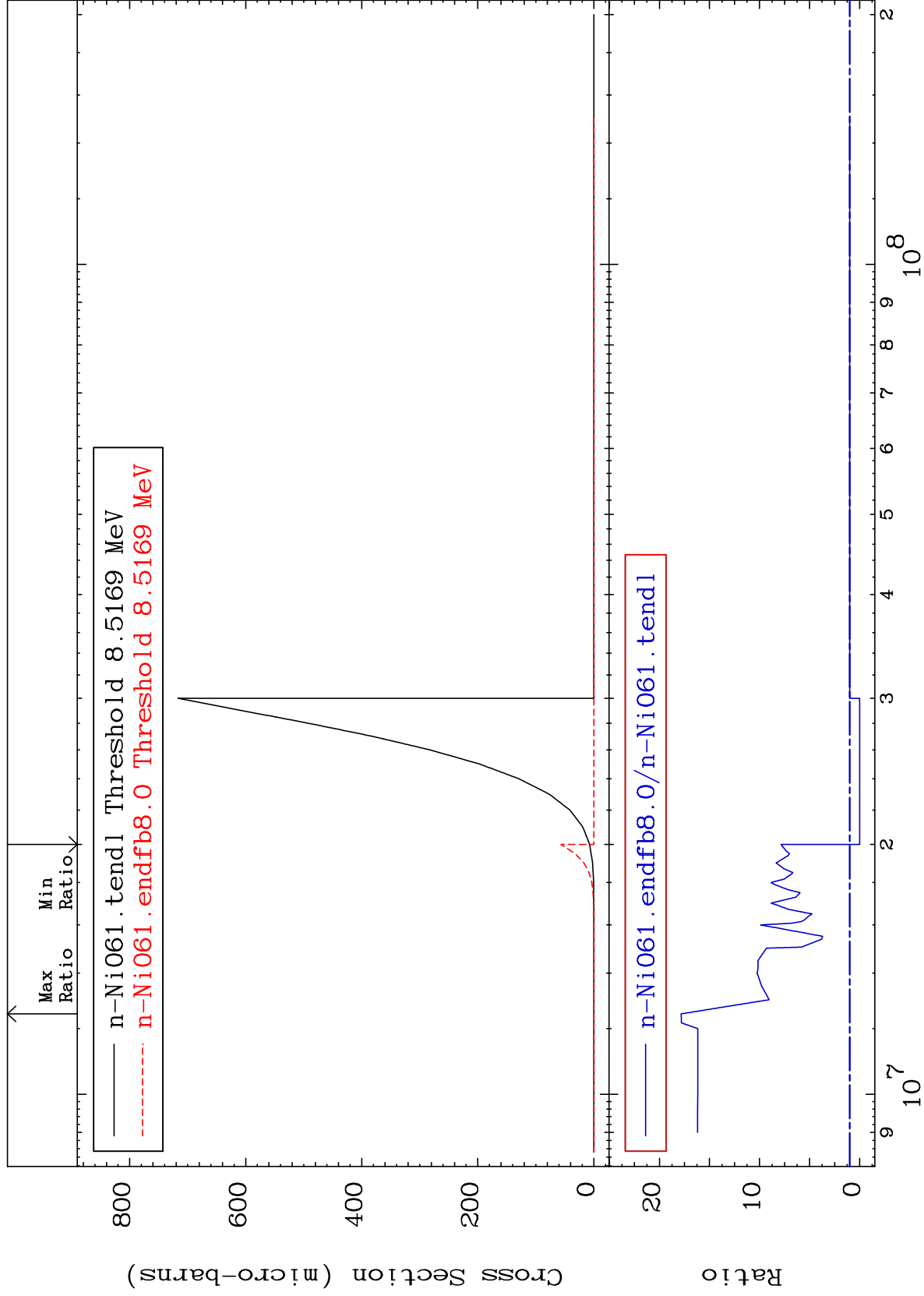
MAT 2834

(n, p)  $\alpha$

28-Ni-61

Cross Section

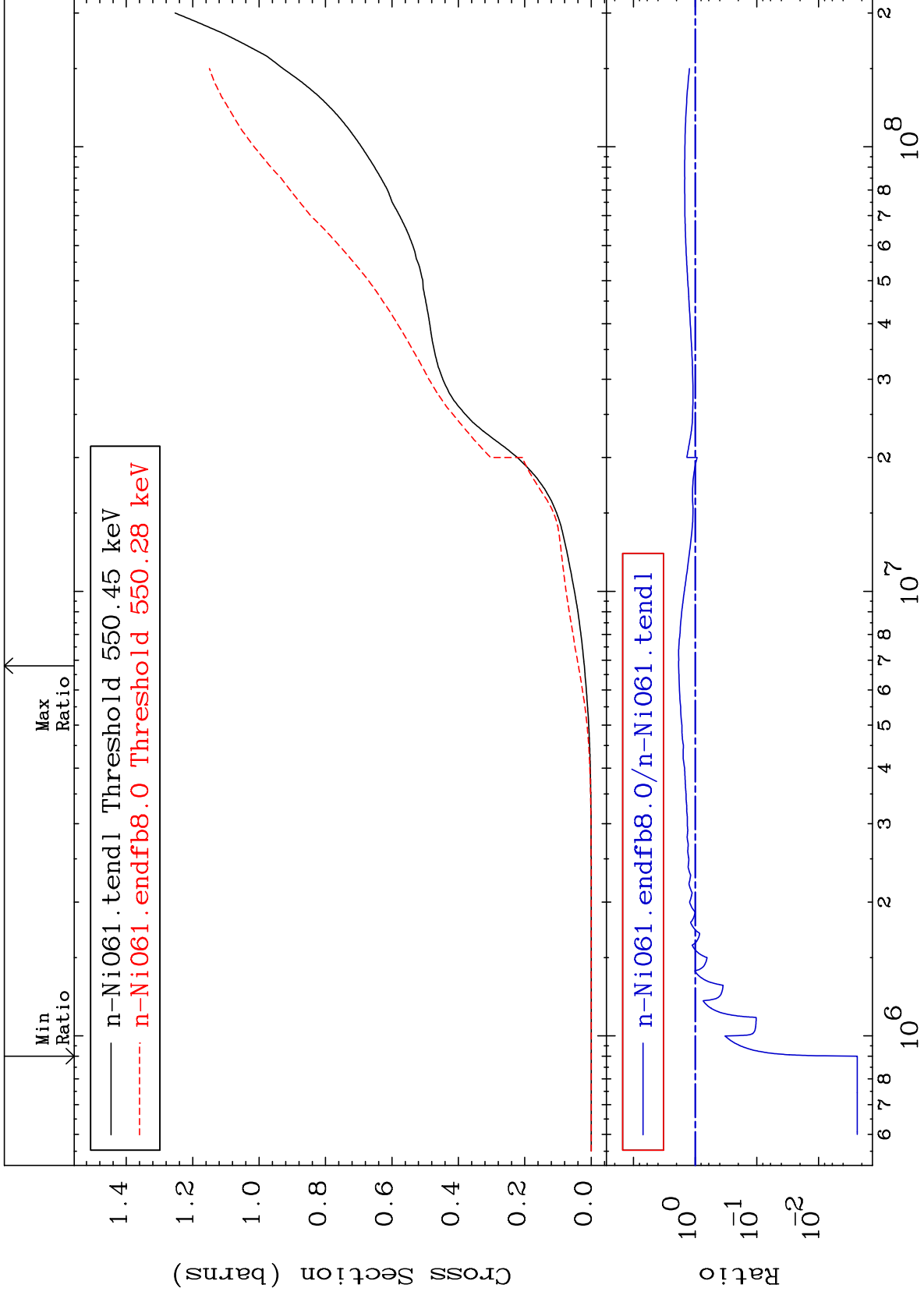
-100.0 To 1683. %



47

Incident Energy (eV)

28-Ni-61

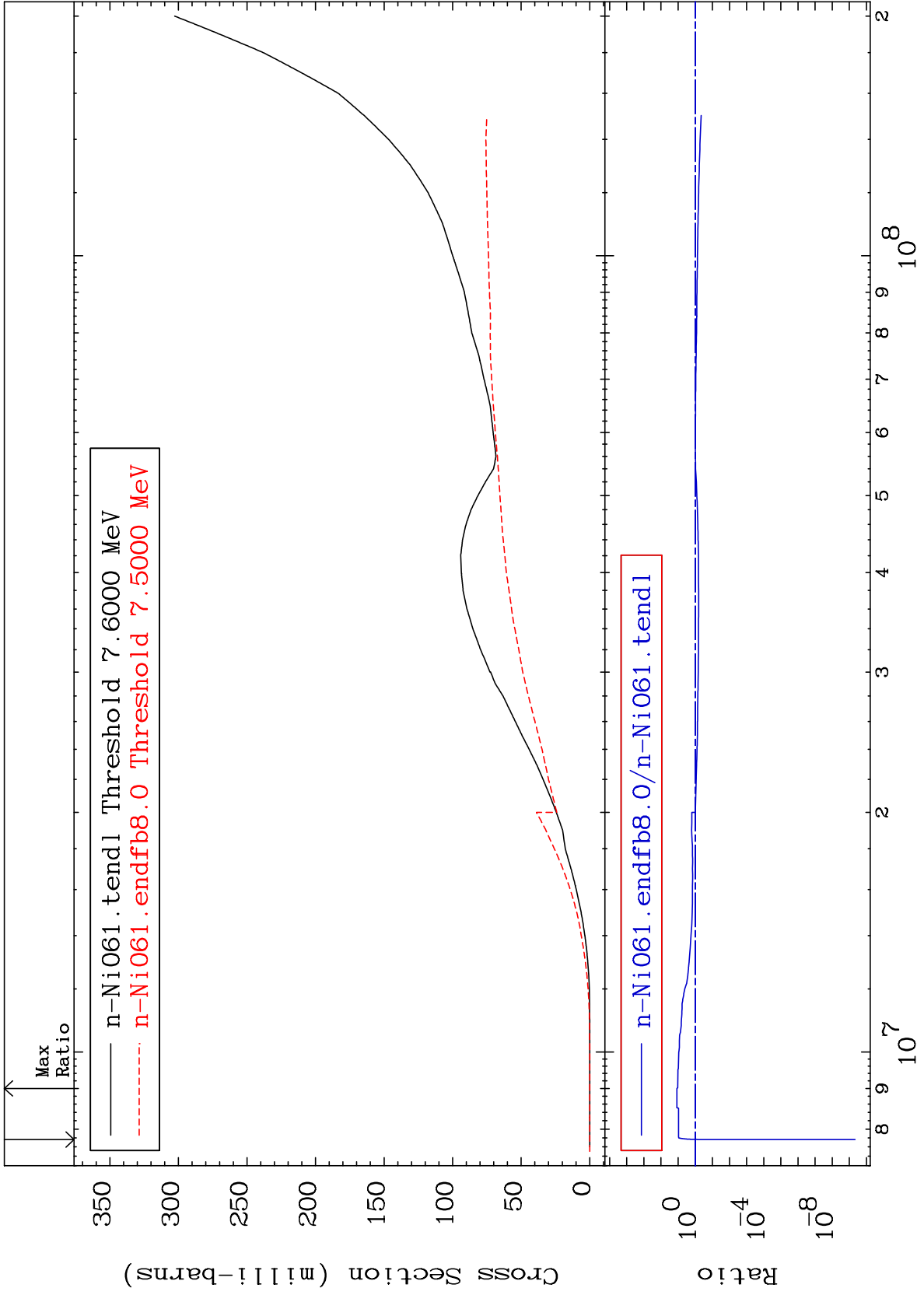




MAT 2834

Deuterium Production  
Cross Section

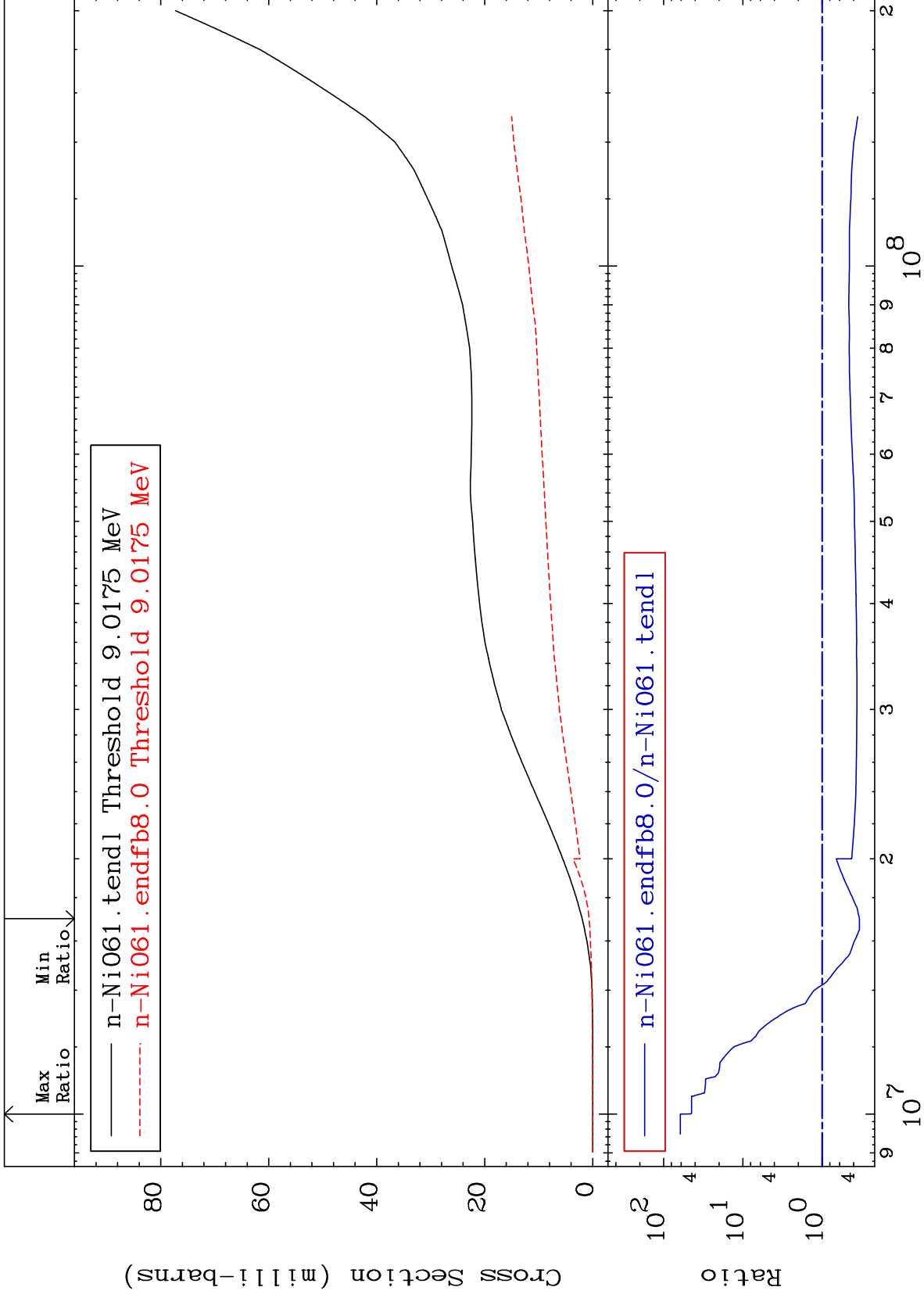
28-Ni-61  
-100.0 To 1075. %



MAT 2834

Tritium Production  
Cross Section

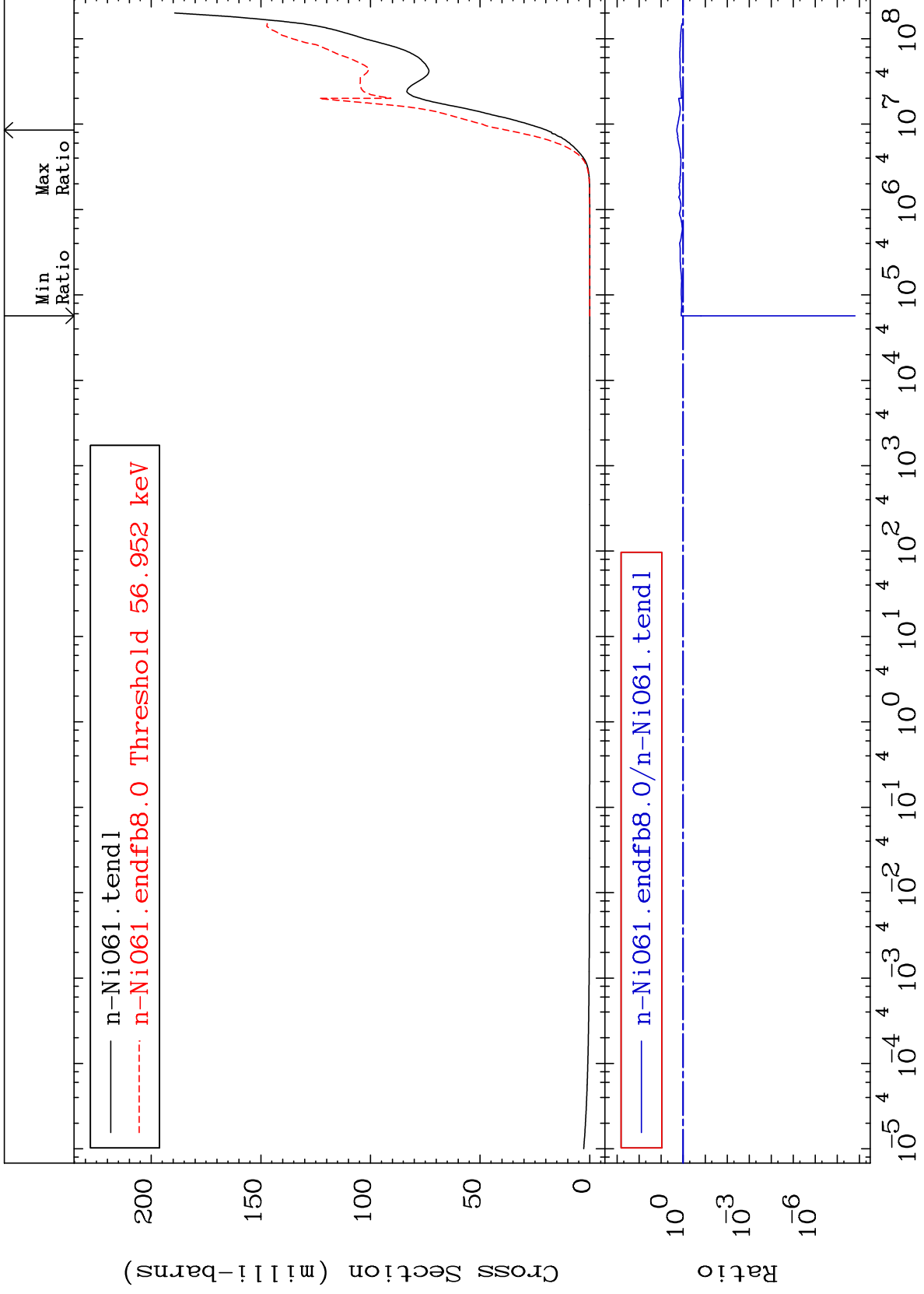
28-Ni-61  
-66.17 To 6053. %

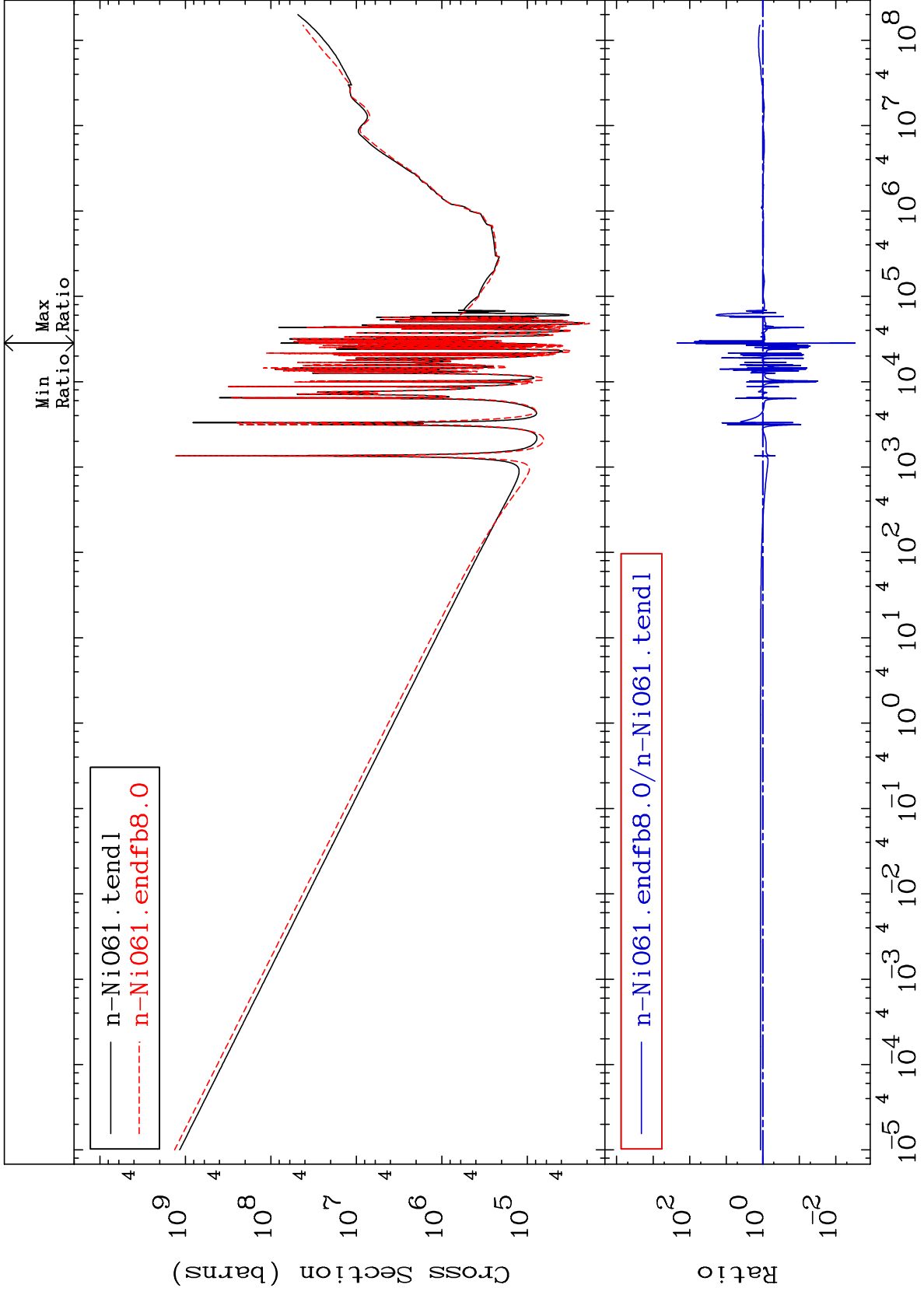


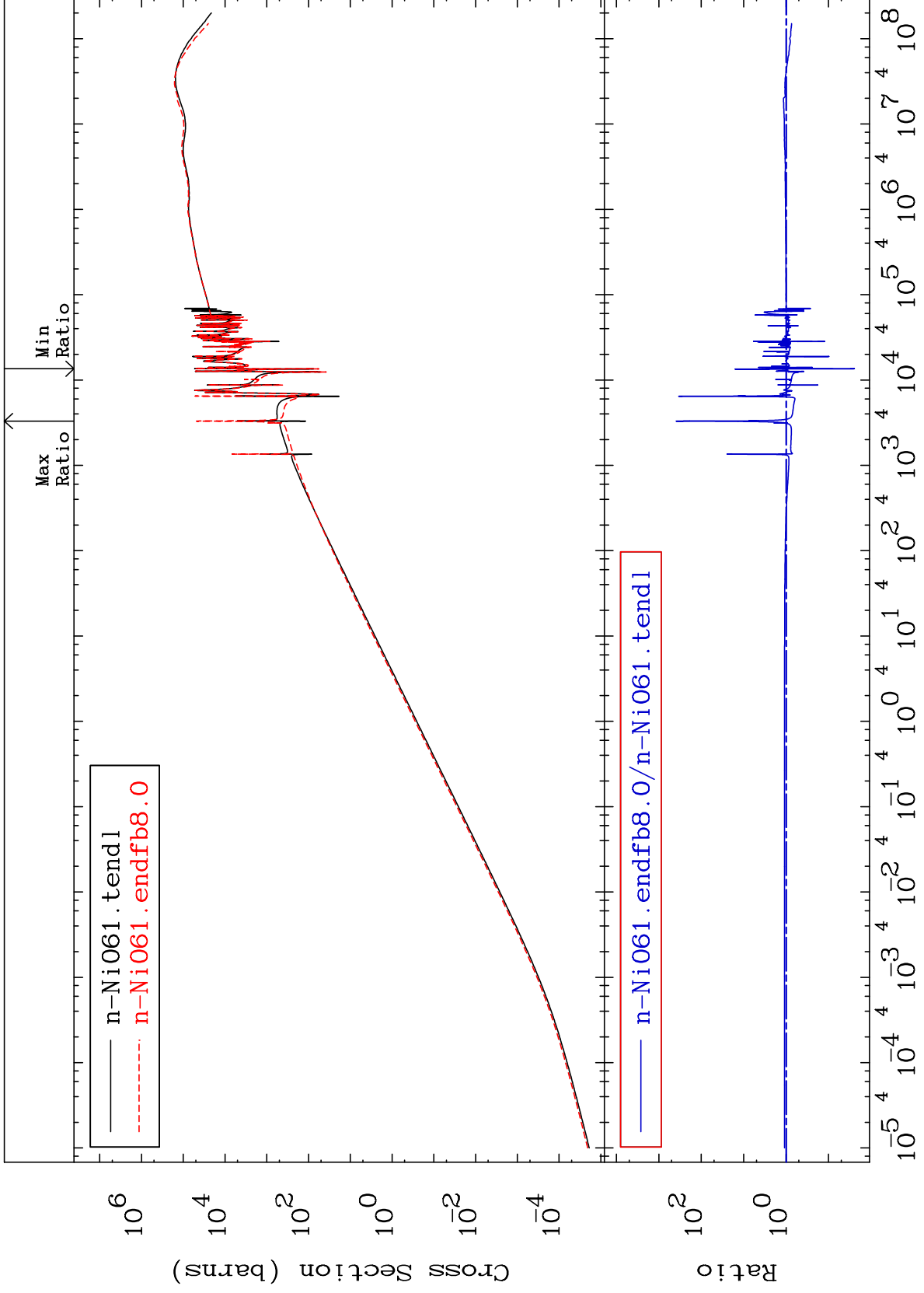
50

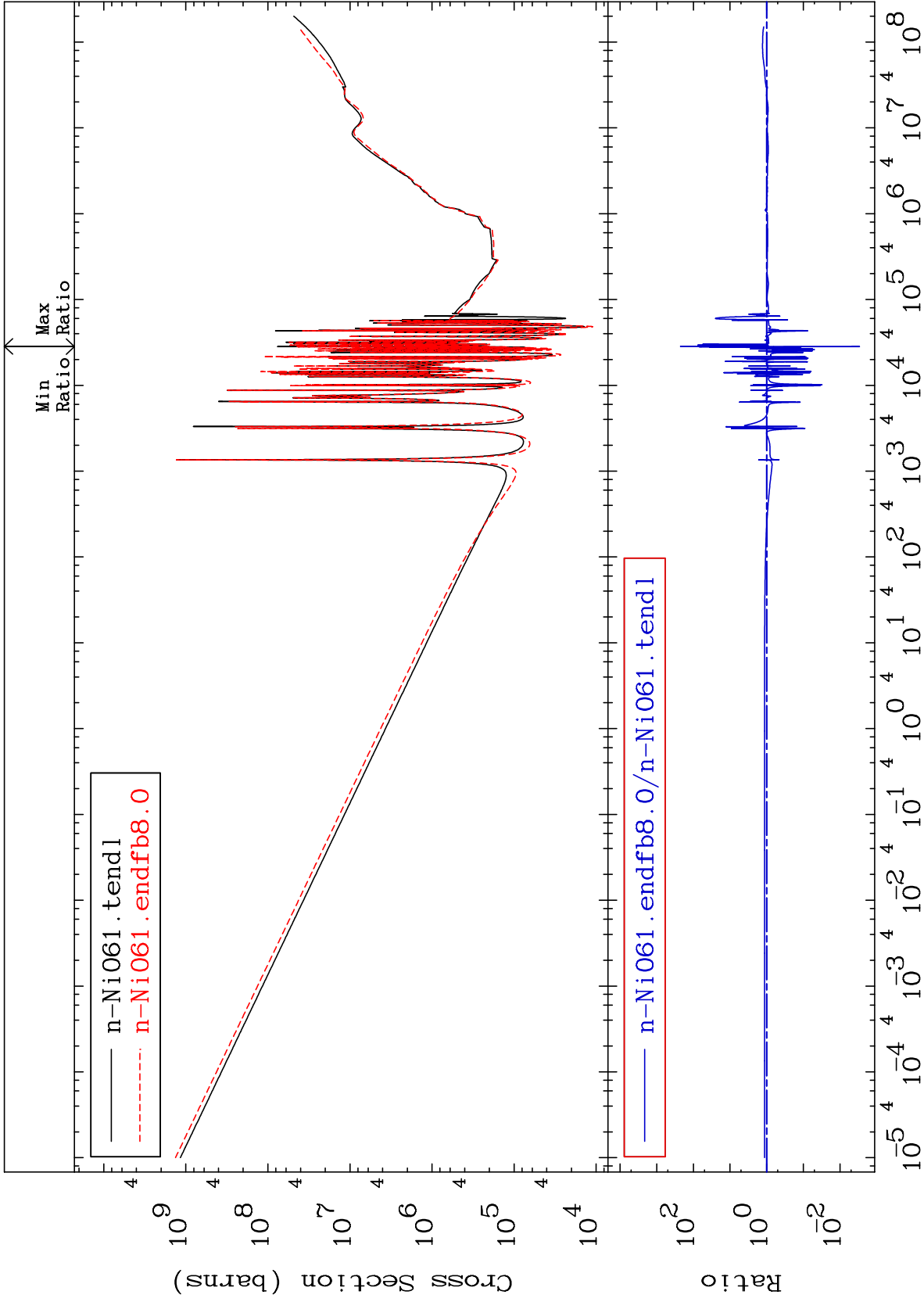
Incident Energy (eV)

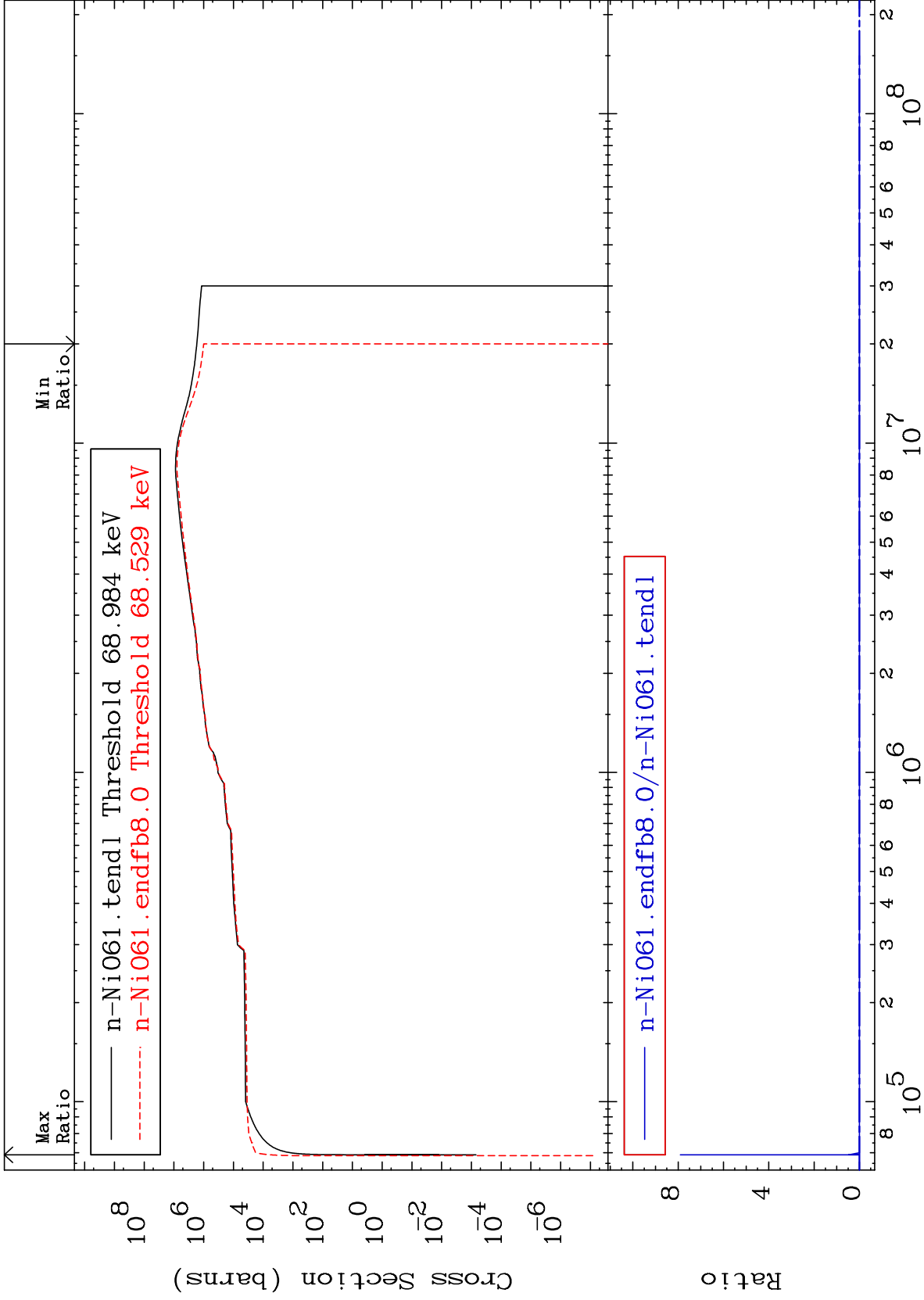
28-Ni-61







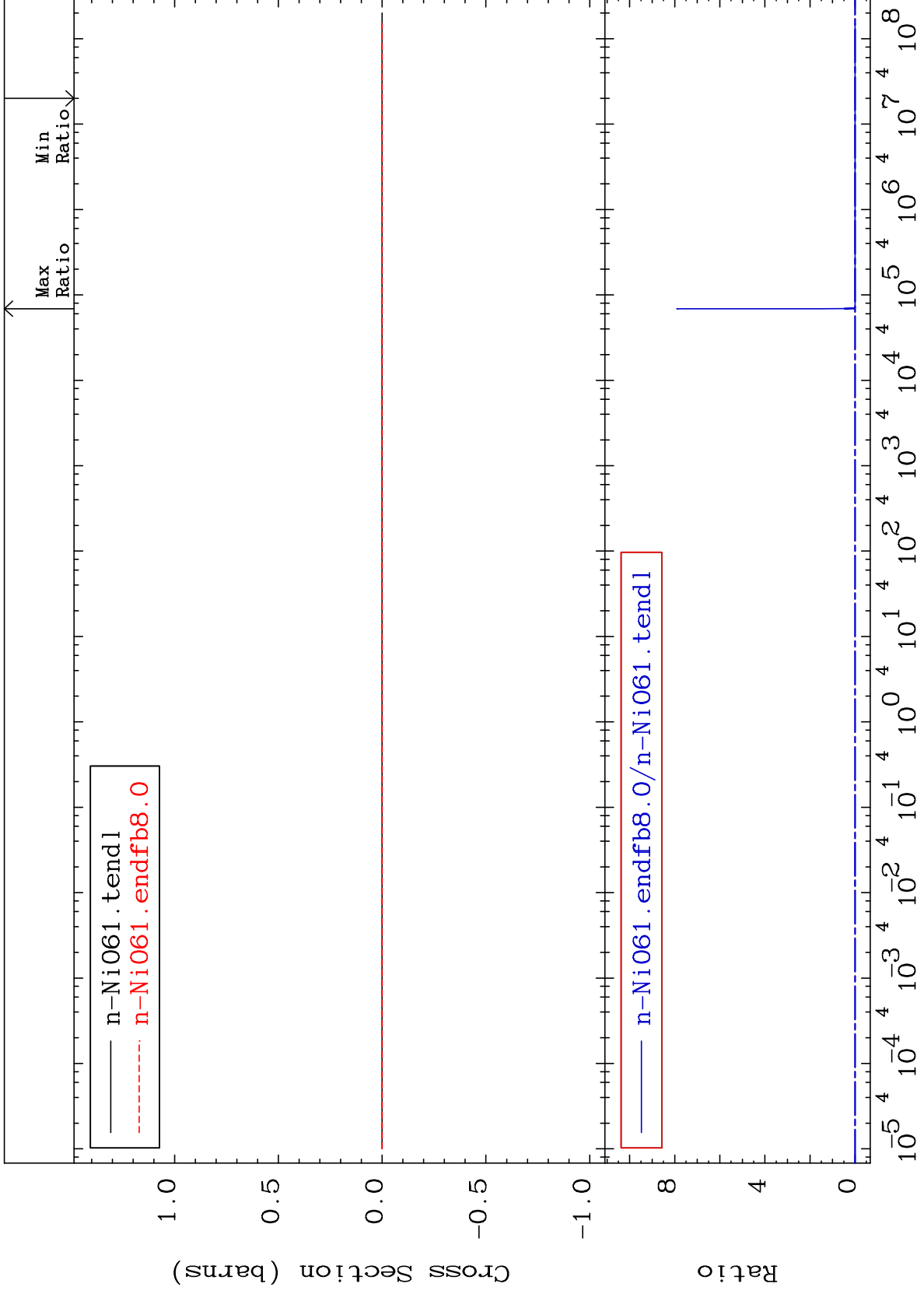




MAT 2834

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

28-Ni-61  
-100.0 To 9999. %



56

Incident Energy (eV)

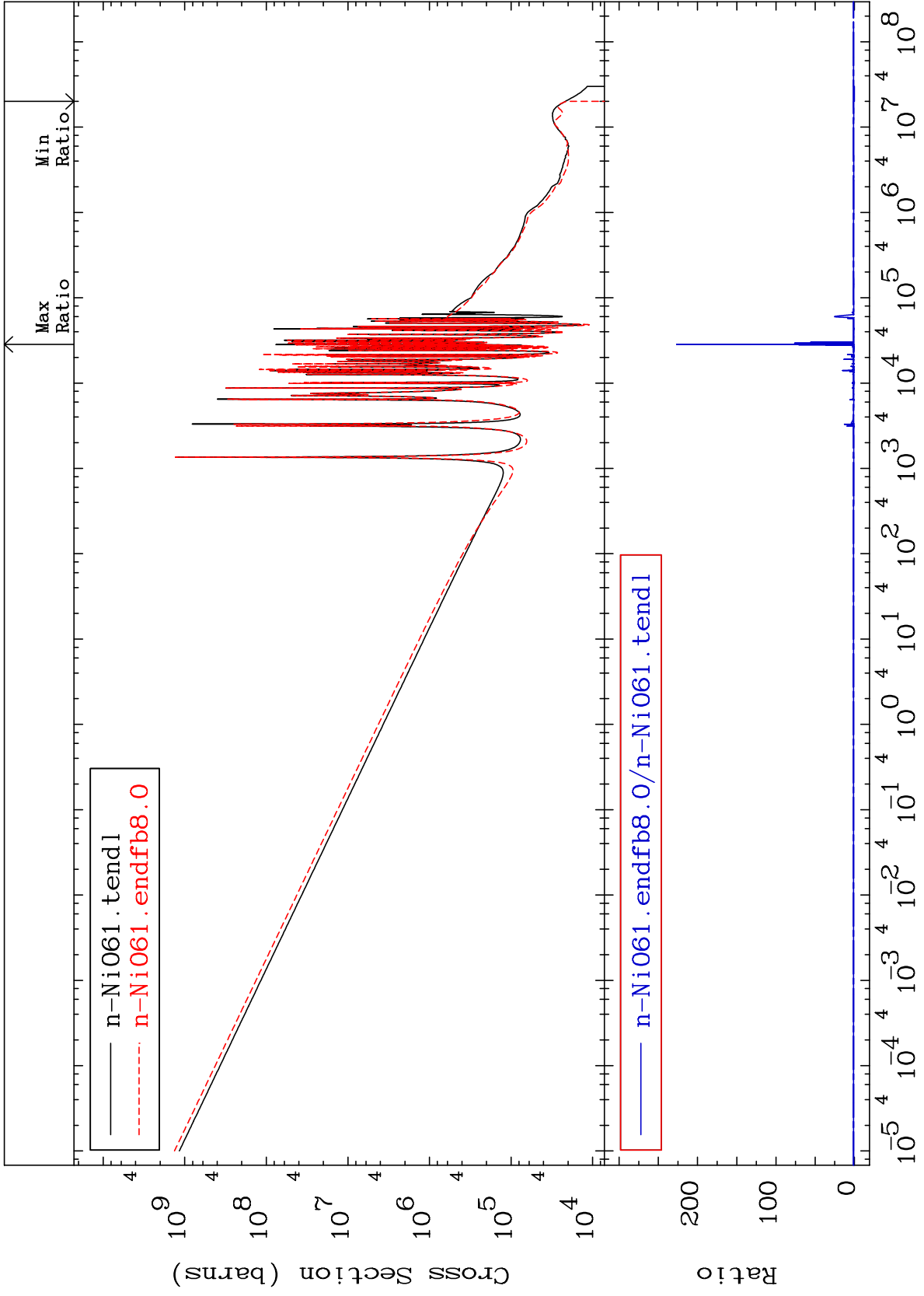
28-Ni-61



MAT 2834

Kerma capture (mt102)  
Cross Section

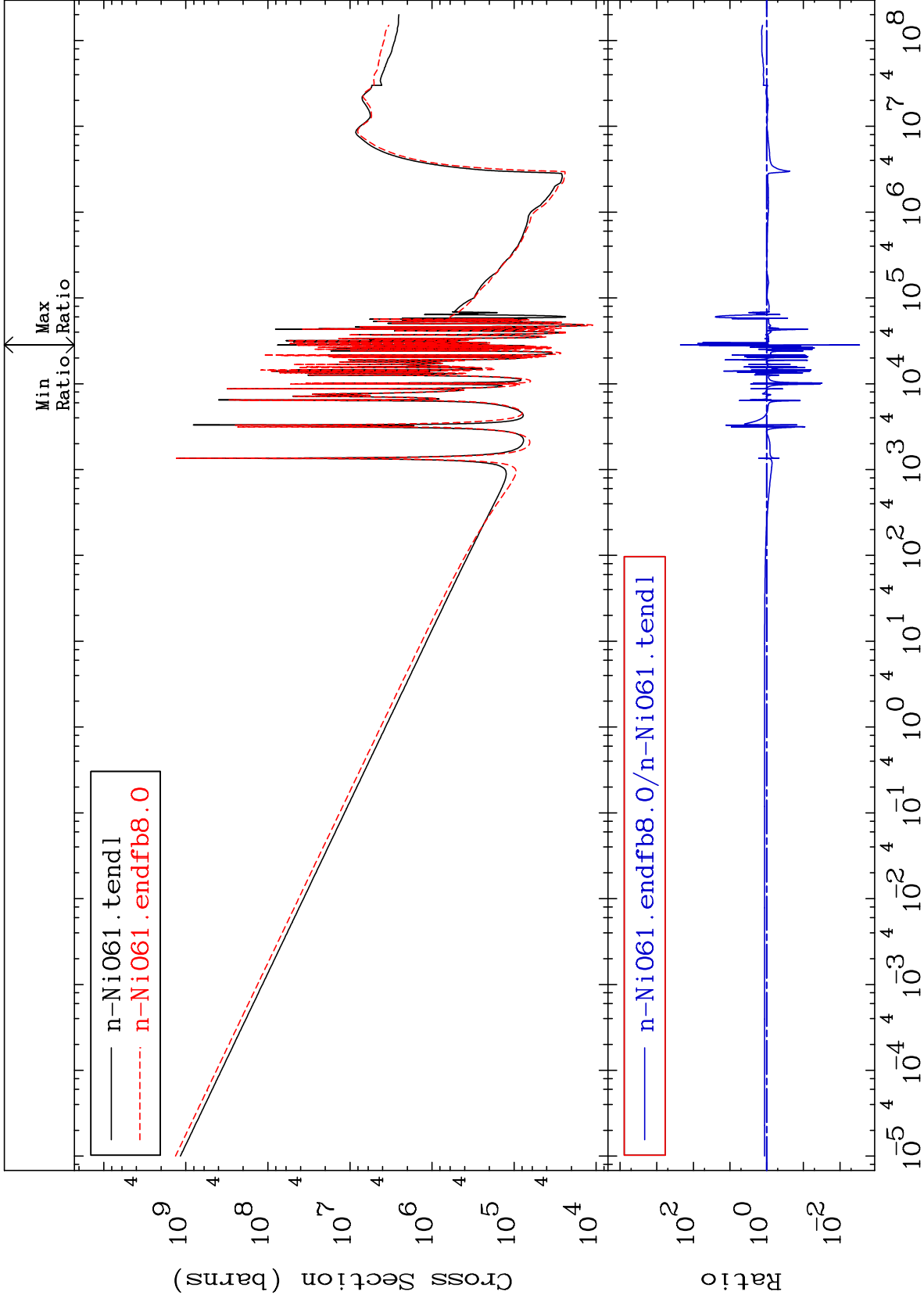
28-Ni-61  
-100.0 To 9999. %

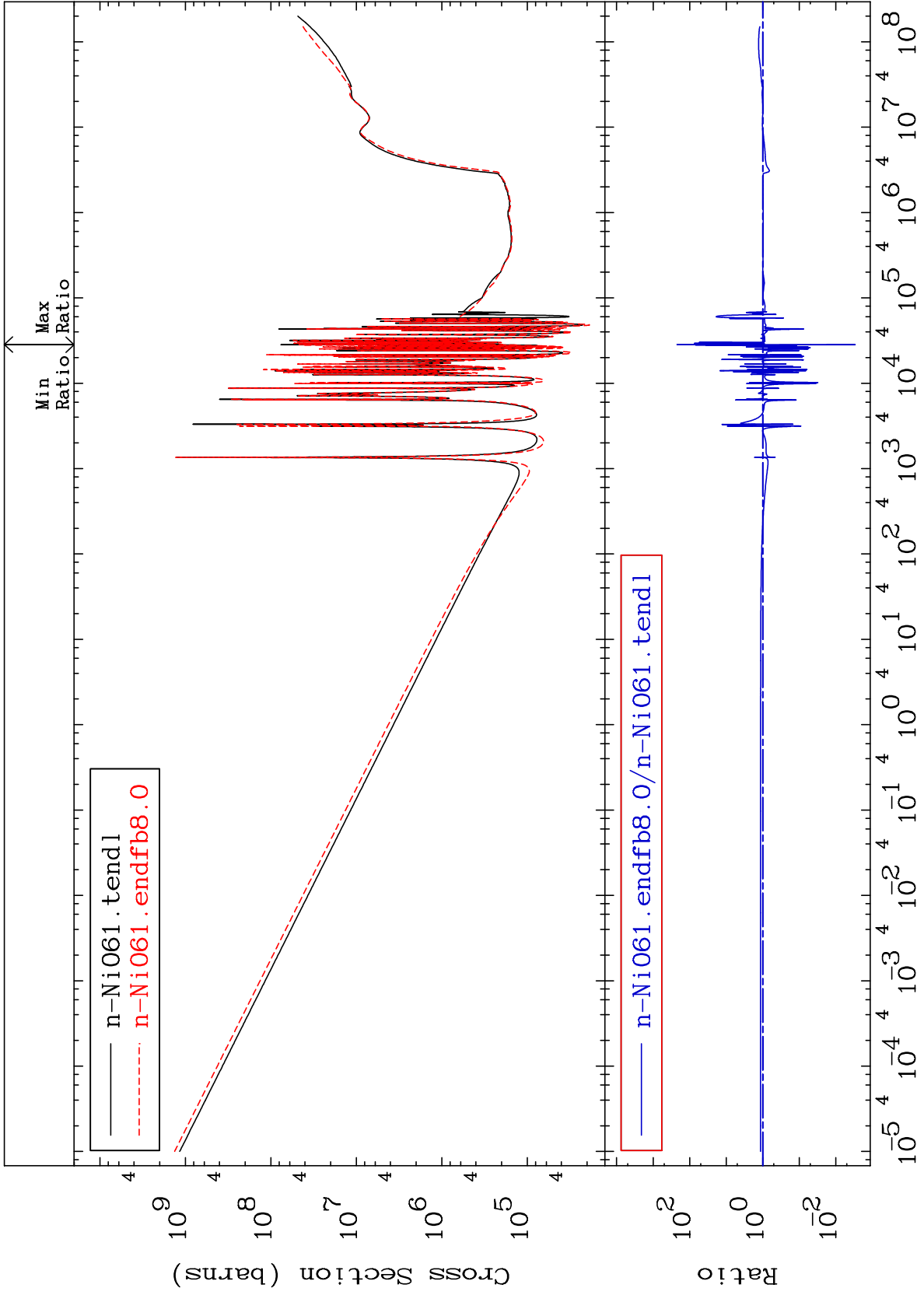


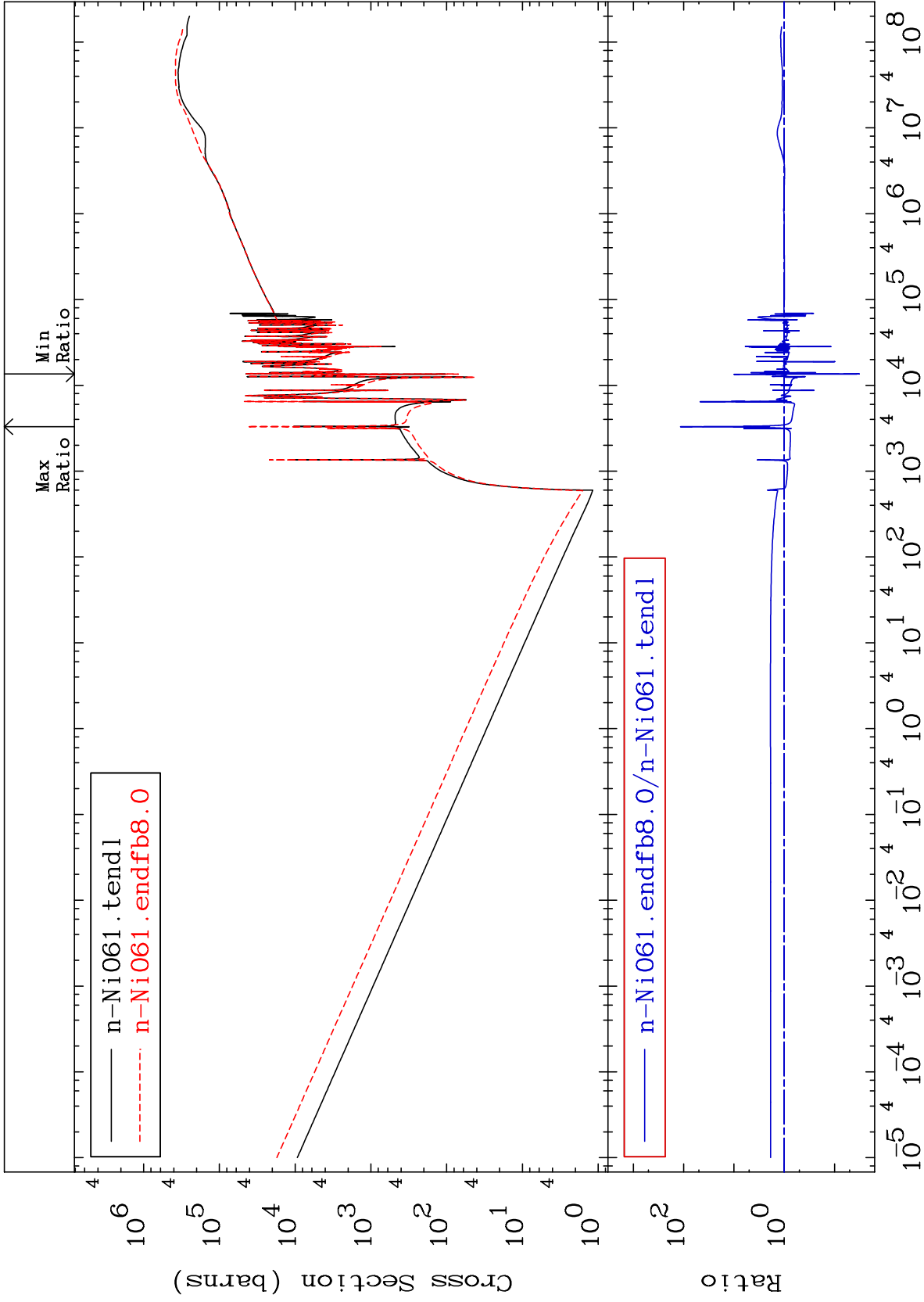
57

Incident Energy (eV)

28-Ni-61



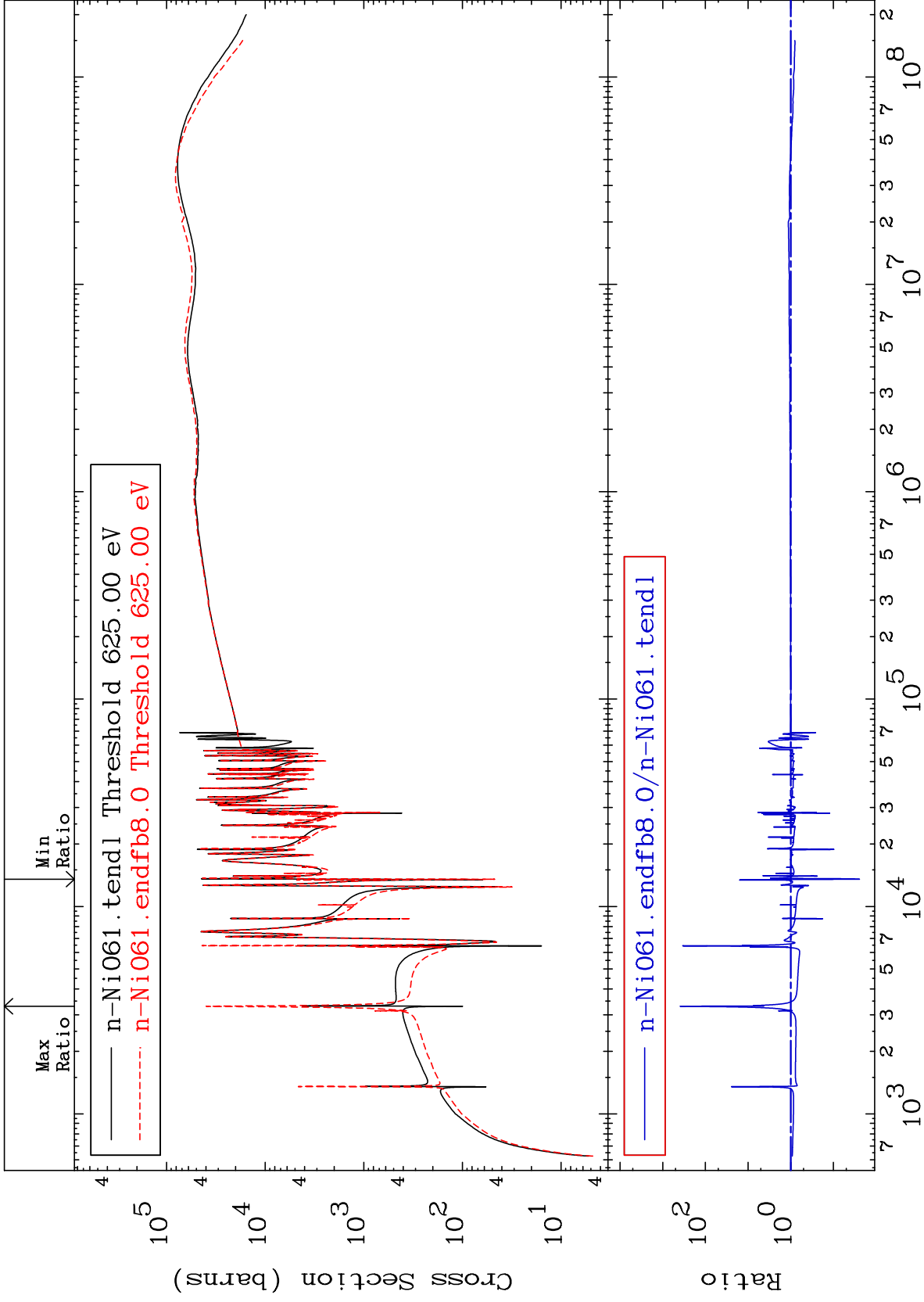




MAT 2834

Dpa elastic (mt2)  
Cross Section

28-Ni-61  
-97.55 To 9999. %



61

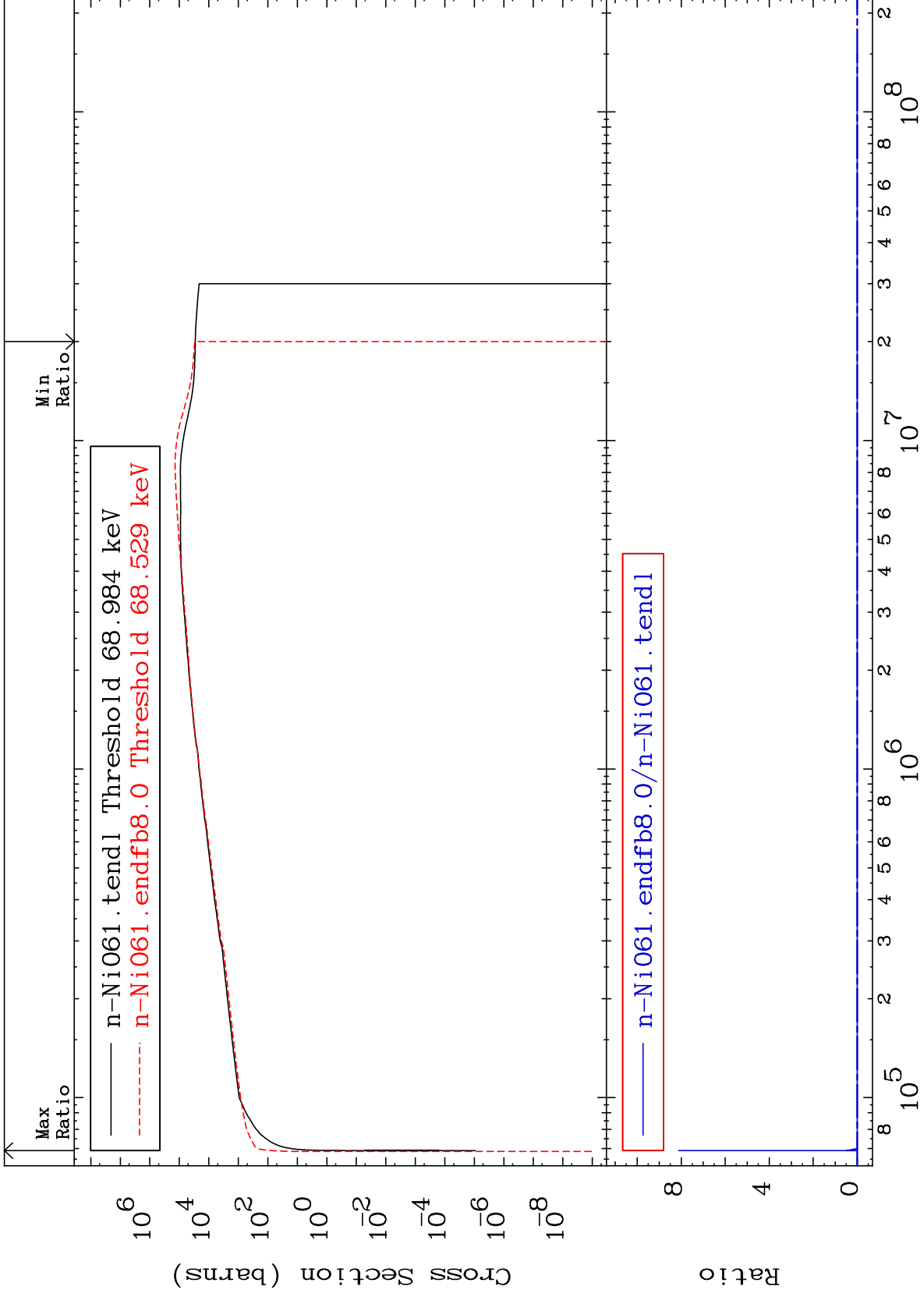
Incident Energy (eV)

28-Ni-61

MAT 2834

Dpa inelastic (mt51-91)  
Cross Section

28-Ni-61  
-100.0 To 9999. %



62

Incident Energy (eV)

28-Ni-61

