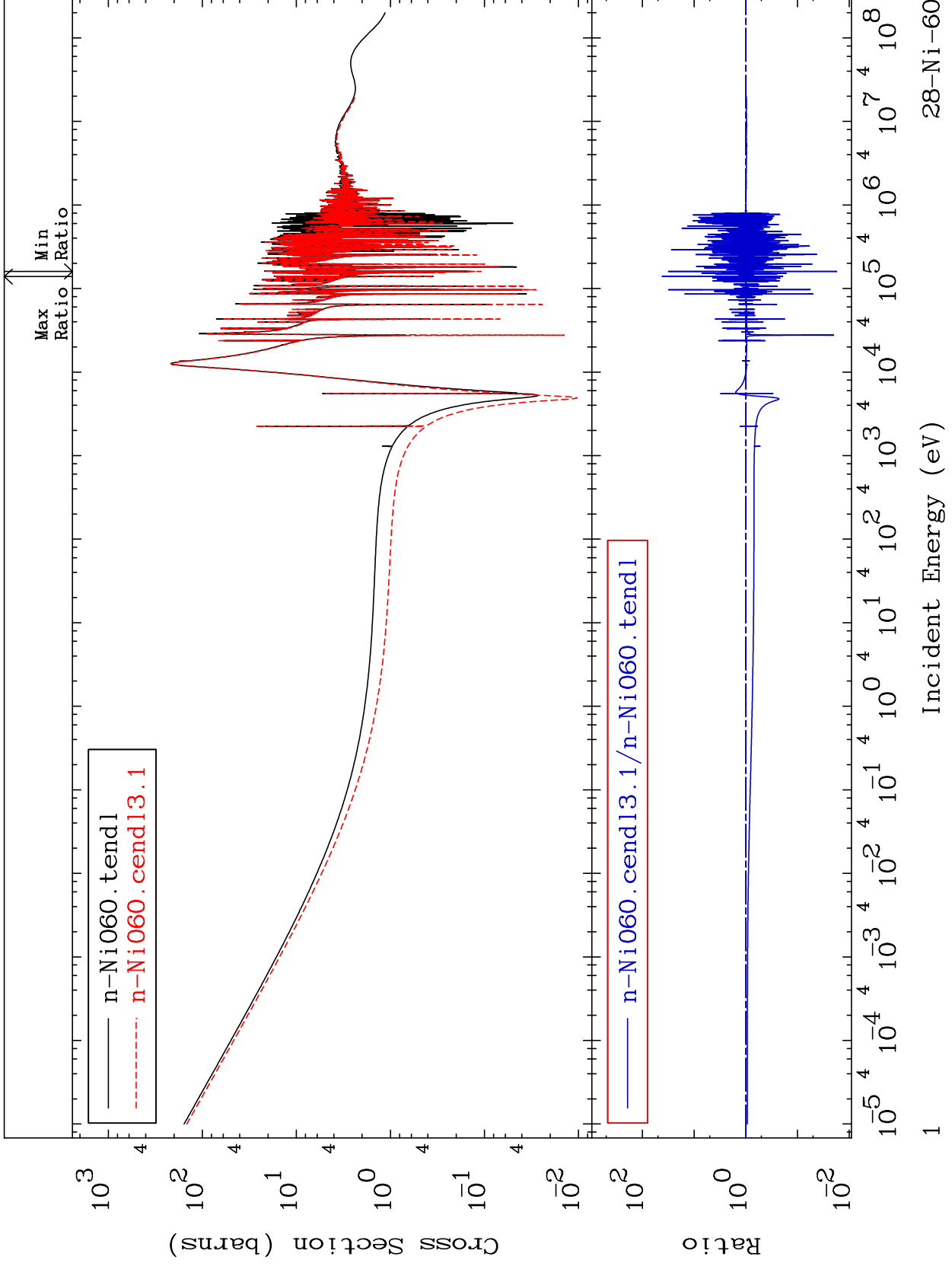


MAT 2831

Total  
Cross Section

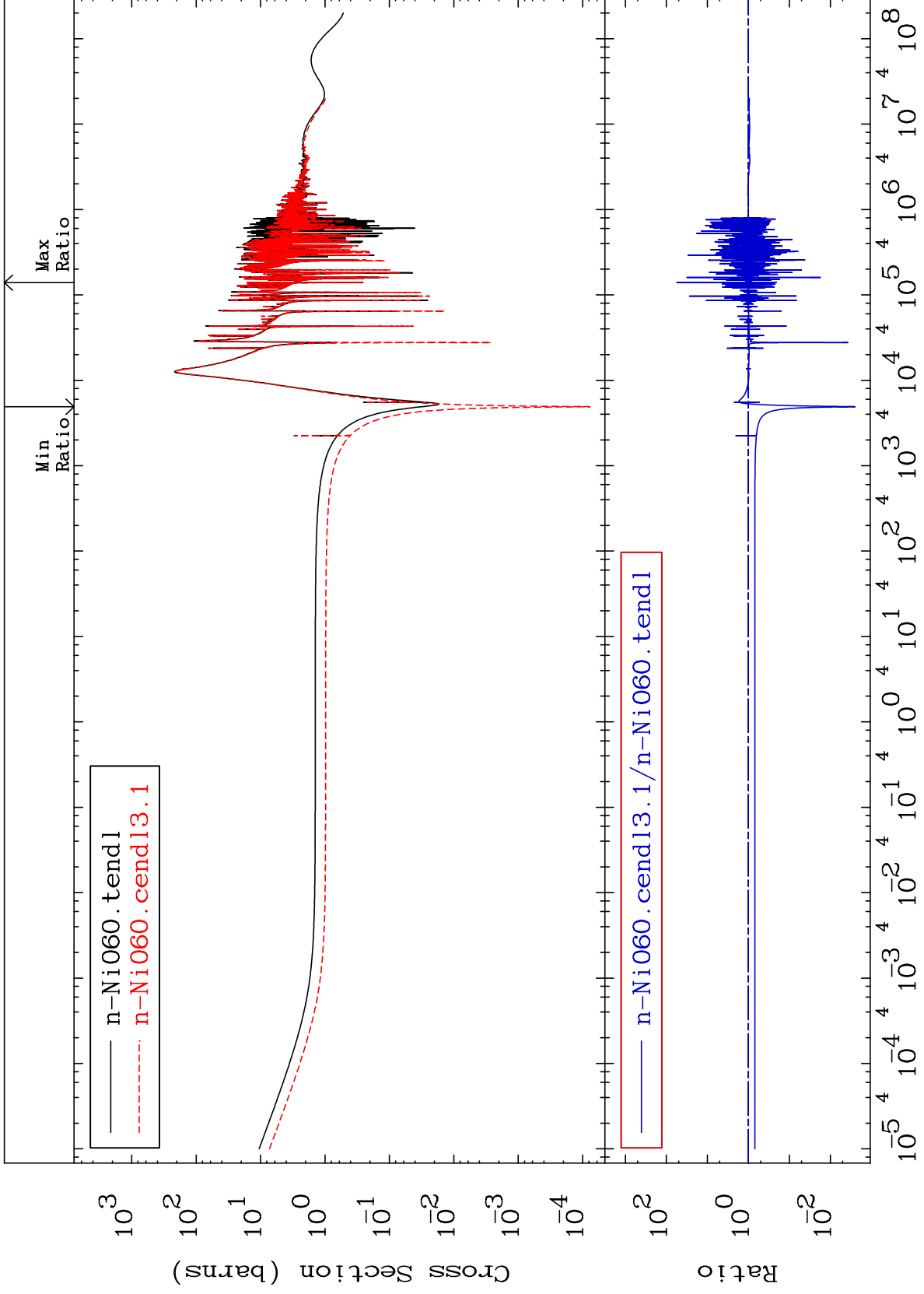
28-Ni-60  
-98.25 To 4022. %



MAT 2831

Elastic  
Cross Section

28-Ni-60  
-99.75 To 5417. %



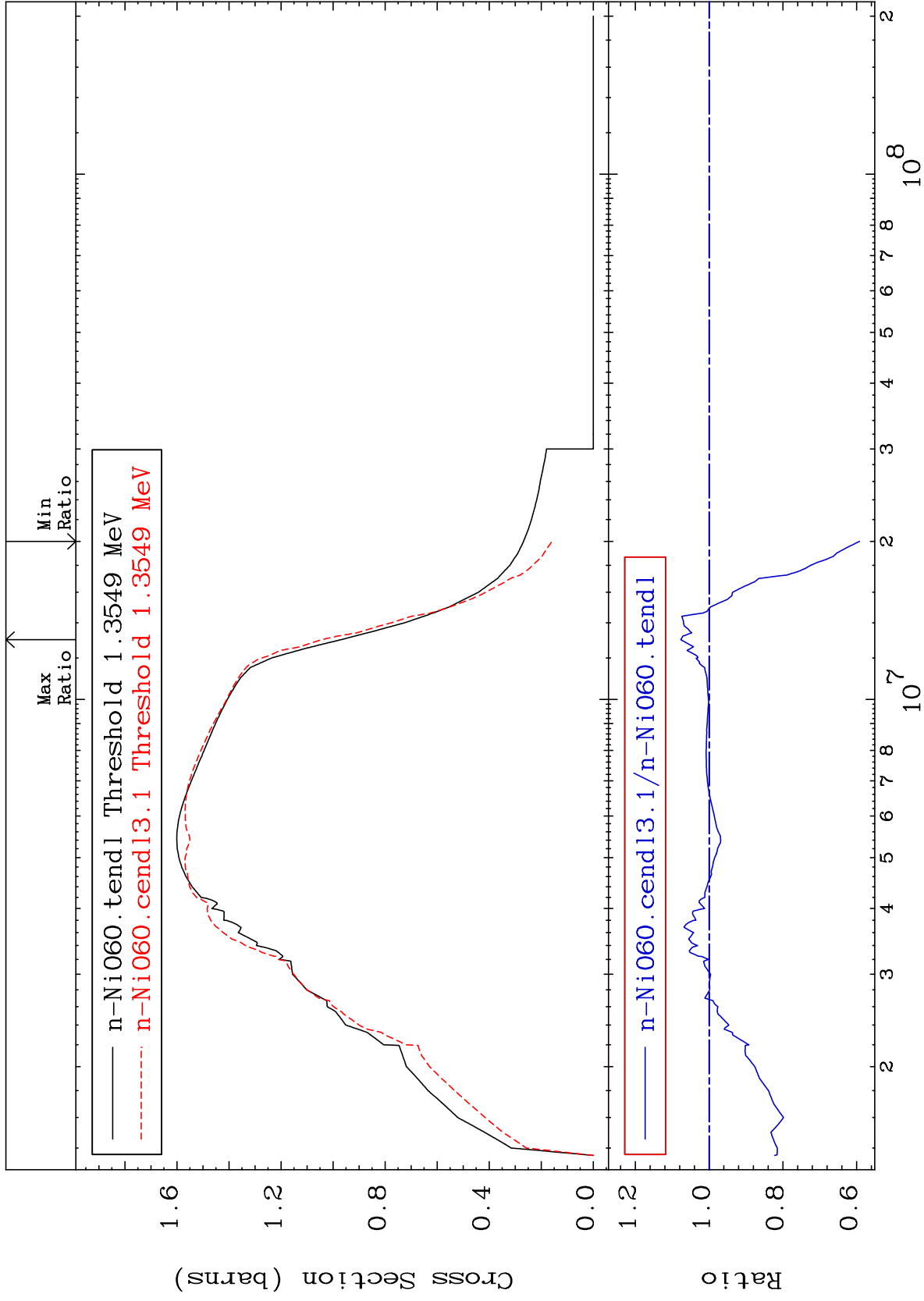
2

Incident Energy (eV)

28-Ni-60

MAT 2831

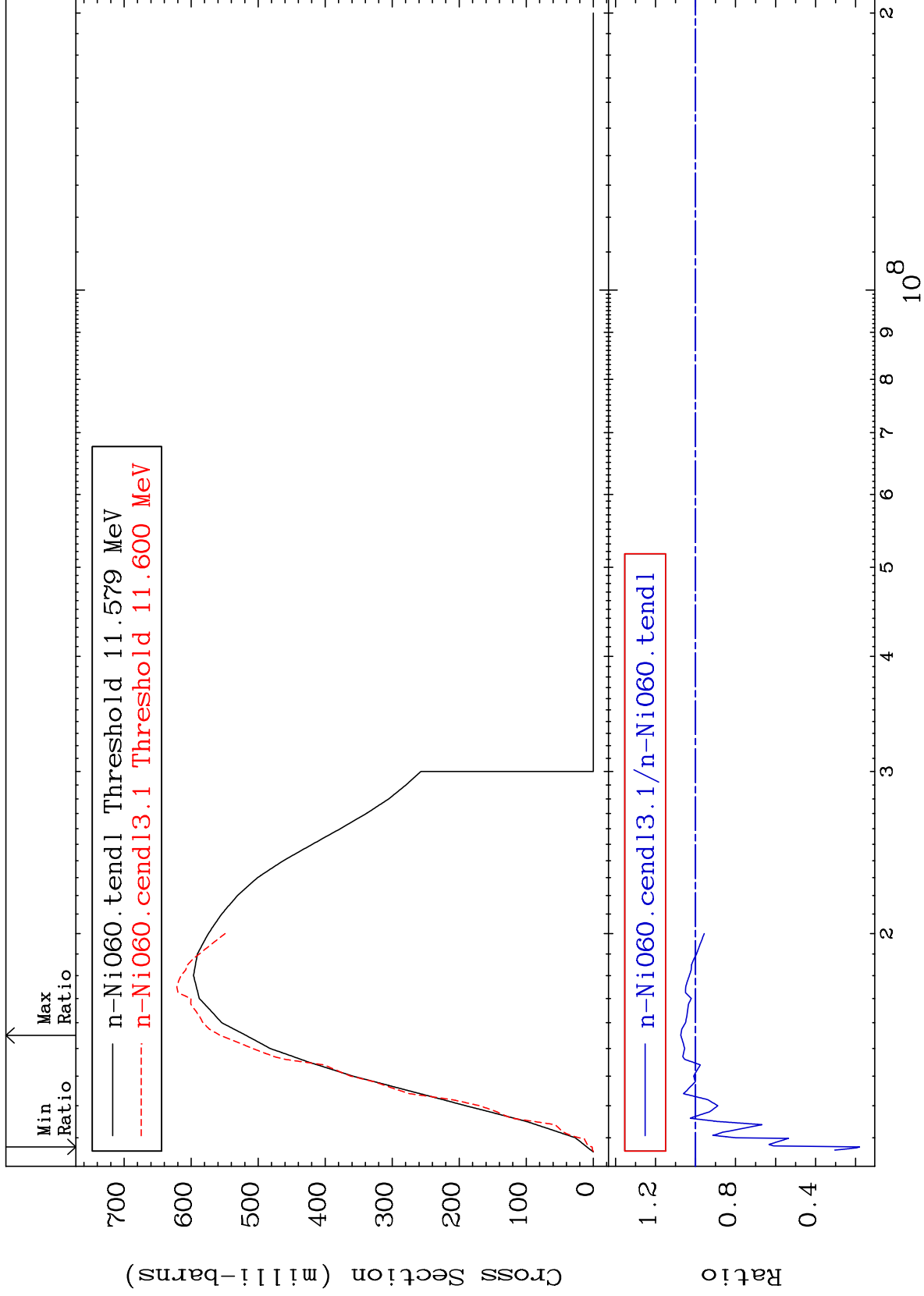
Inelastic Cross Section  
28-Ni-60  
-40.79 To 7.696 %



MAT 2831

(n,2n)  
Cross Section

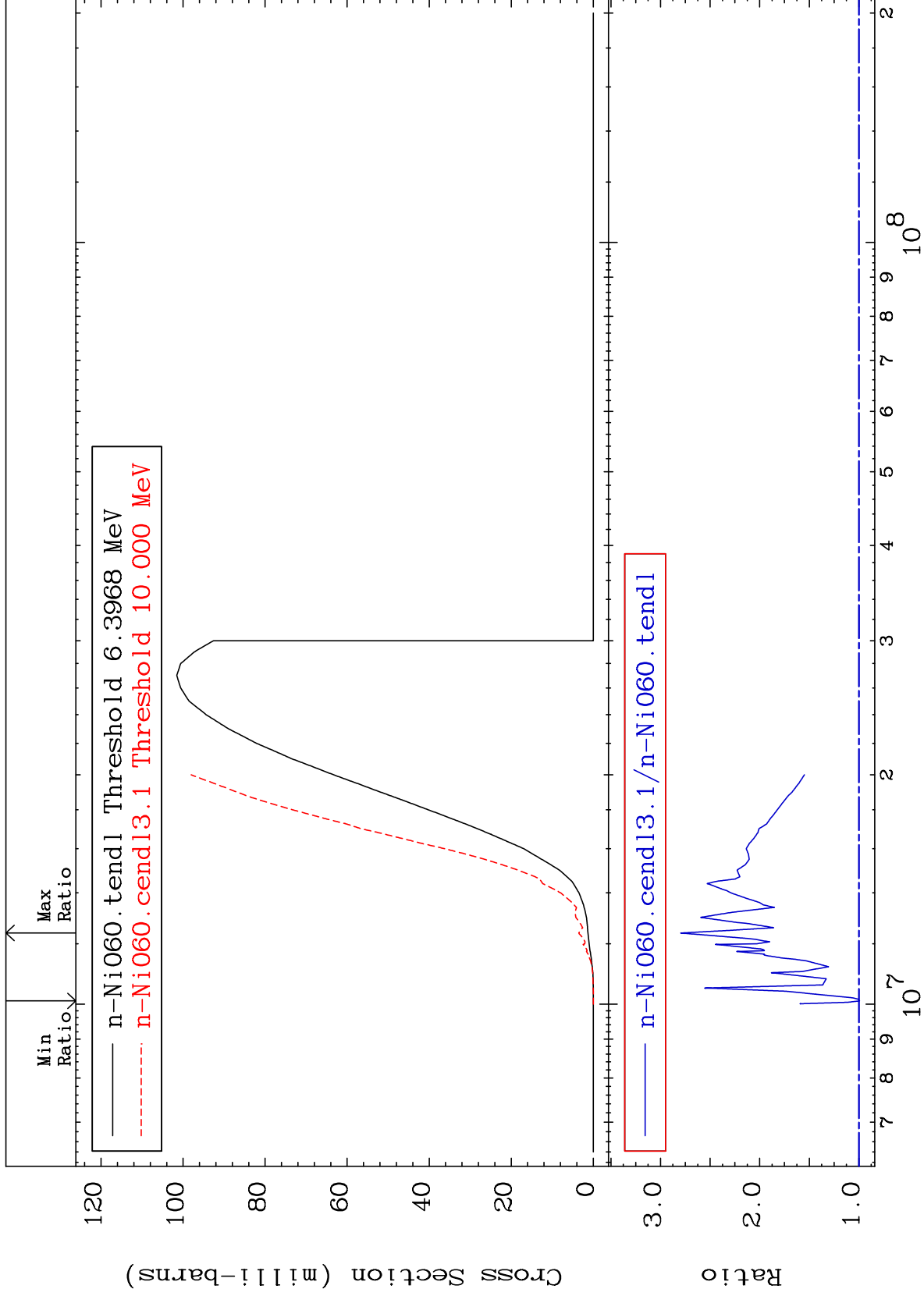
28-Ni-60  
-81.96 To 7.393 %



MAT 2831

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

28-Ni-60  
-0.687 To 179.6 %



5

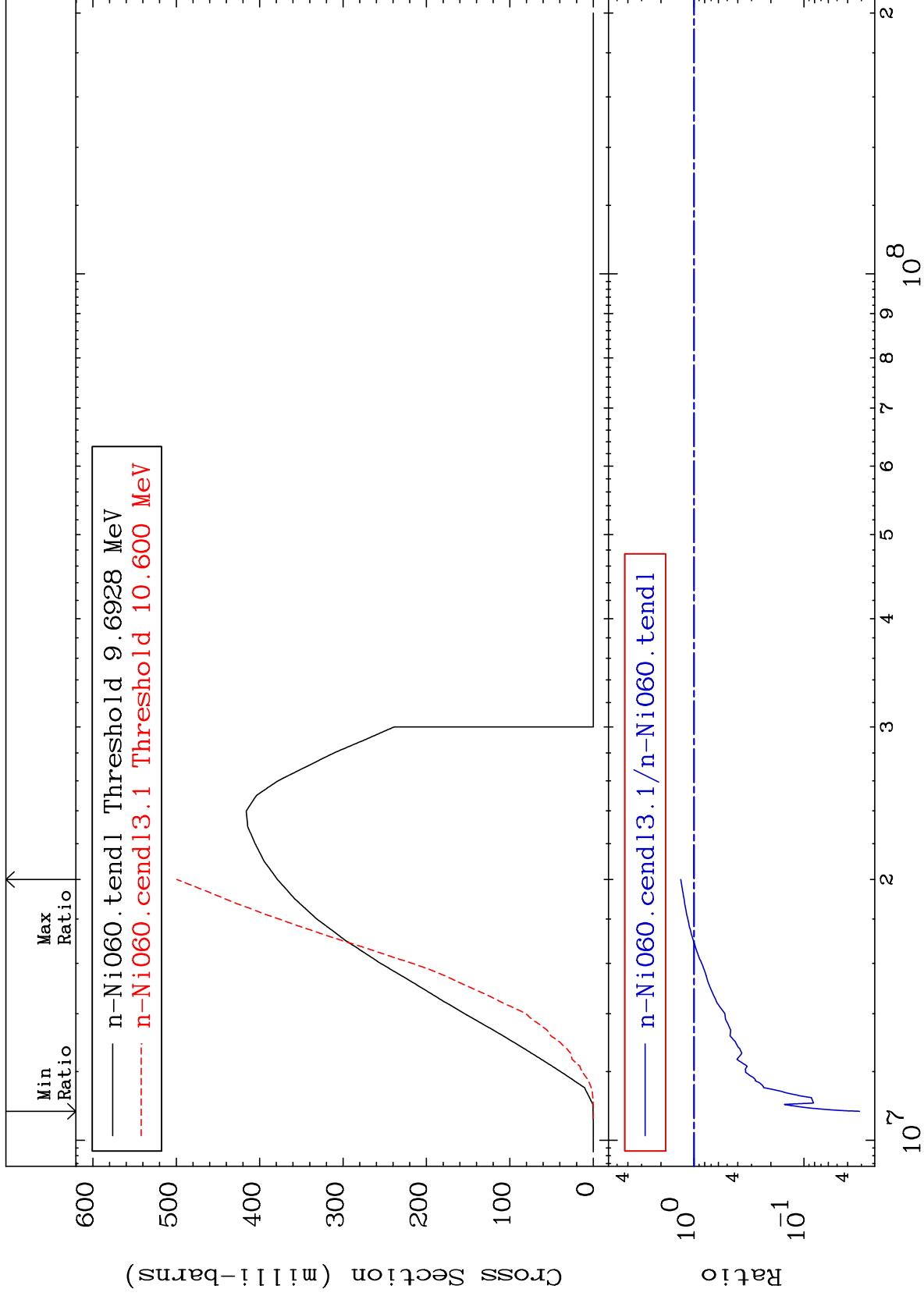
Incident Energy (eV)

28-Ni-60

MAT 2831

(n,n') p  
Cross Section

28-Ni-60  
-96.88 To 31.87 %



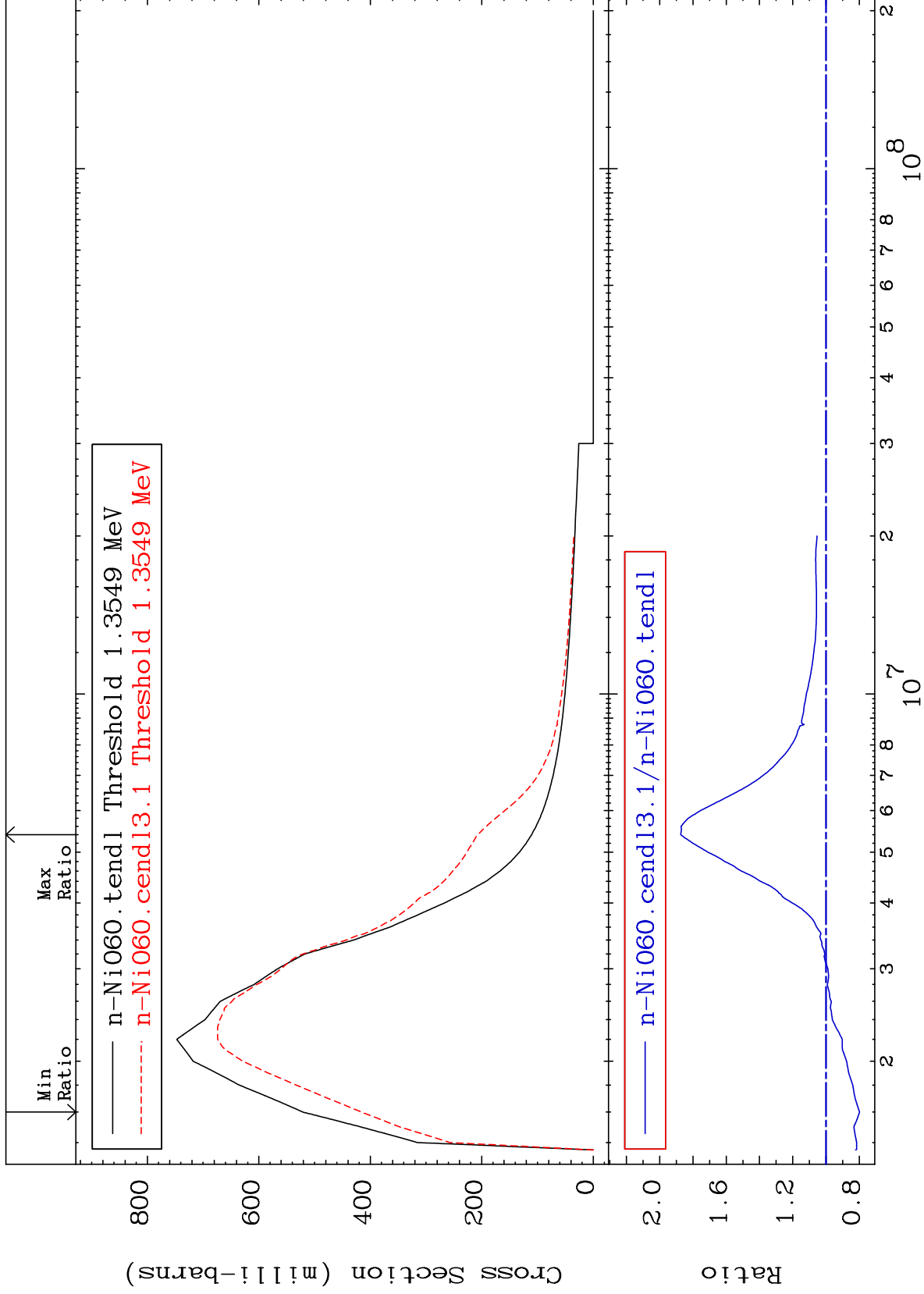
Incident Energy (eV)

28-Ni-60

MAT 2831

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

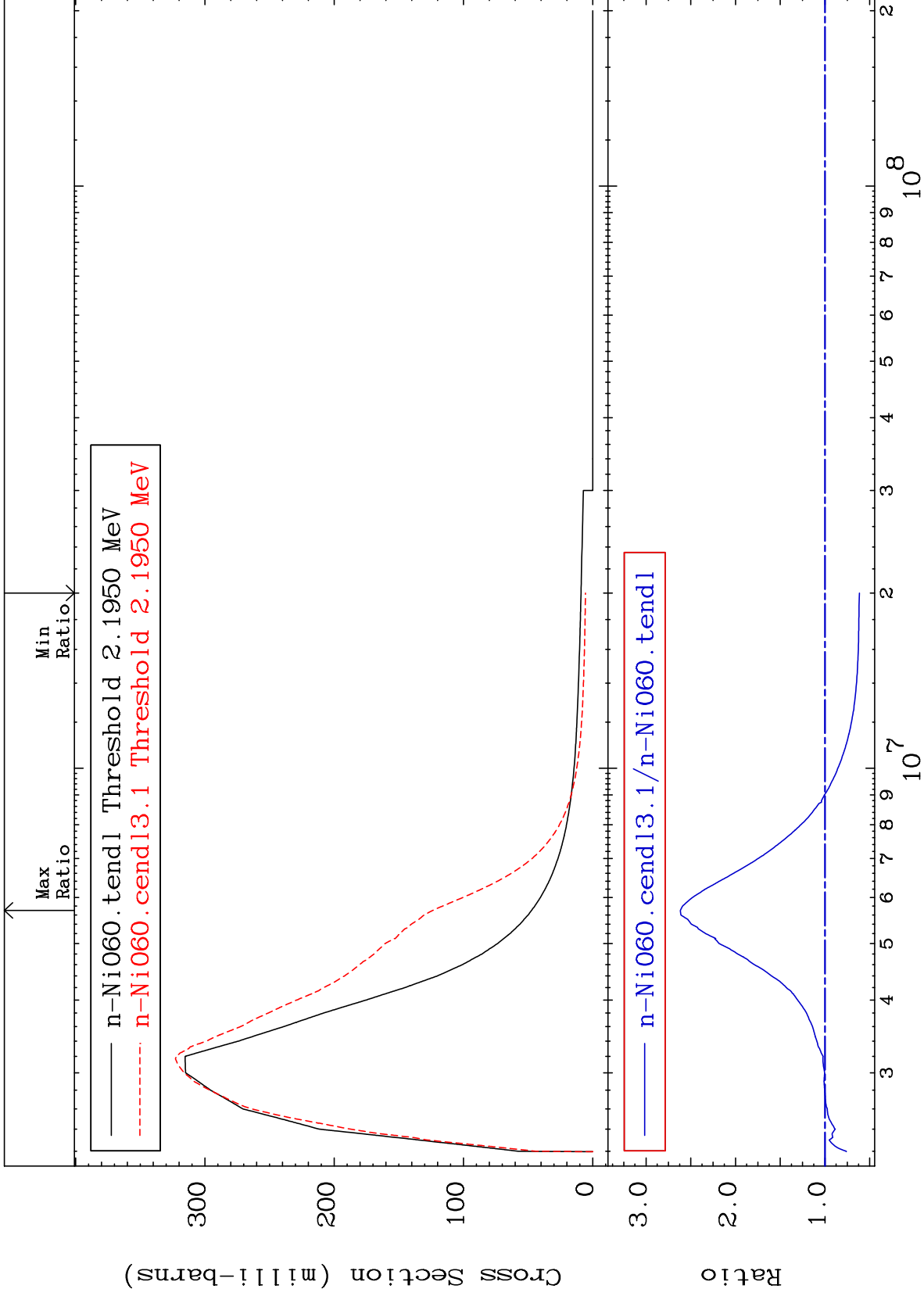
28-Ni-60  
-20.17 To 87.34 %



MAT 2831

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

28-Ni-60  
-38.55 To 161.7 %

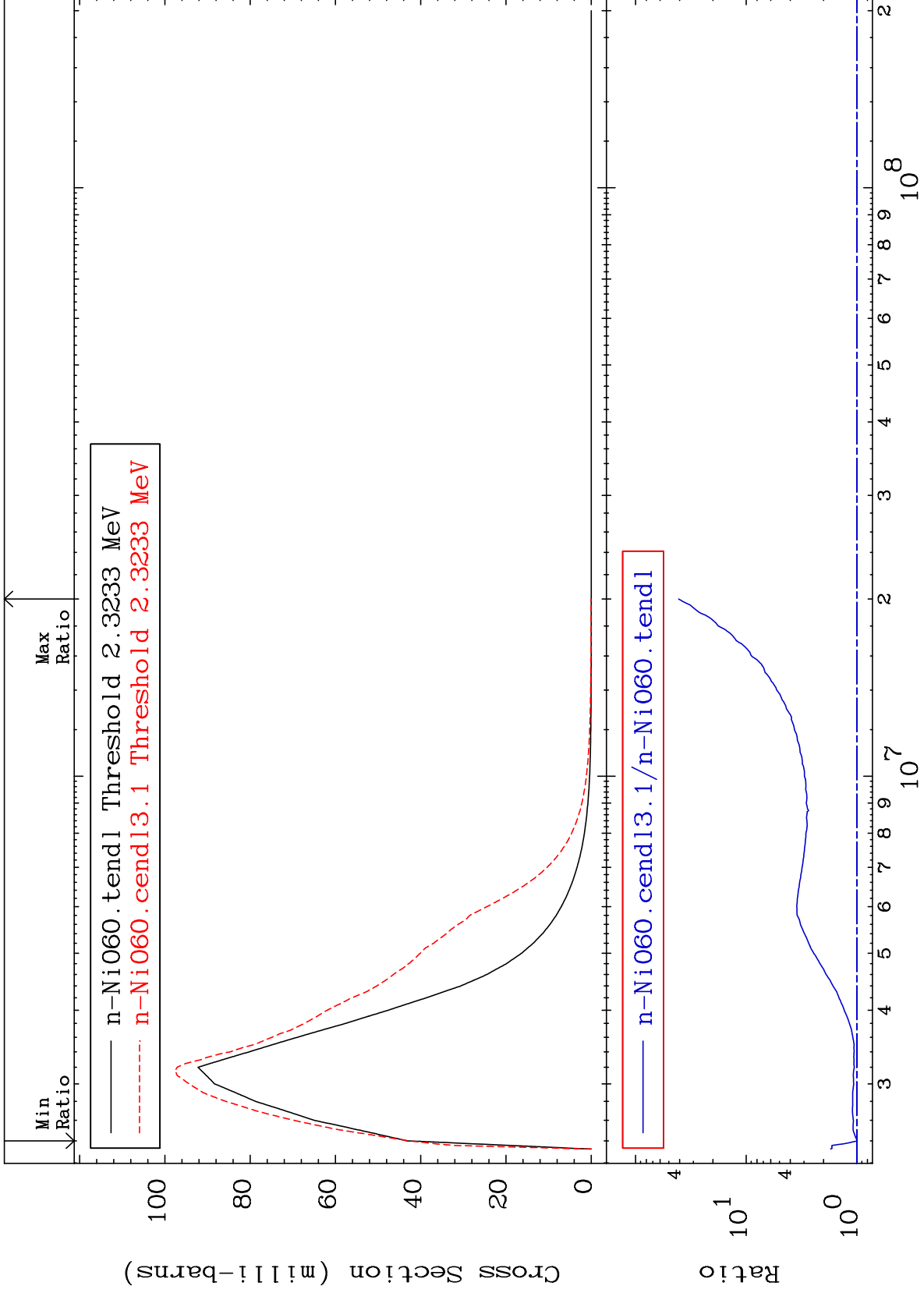




MAT 2831

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

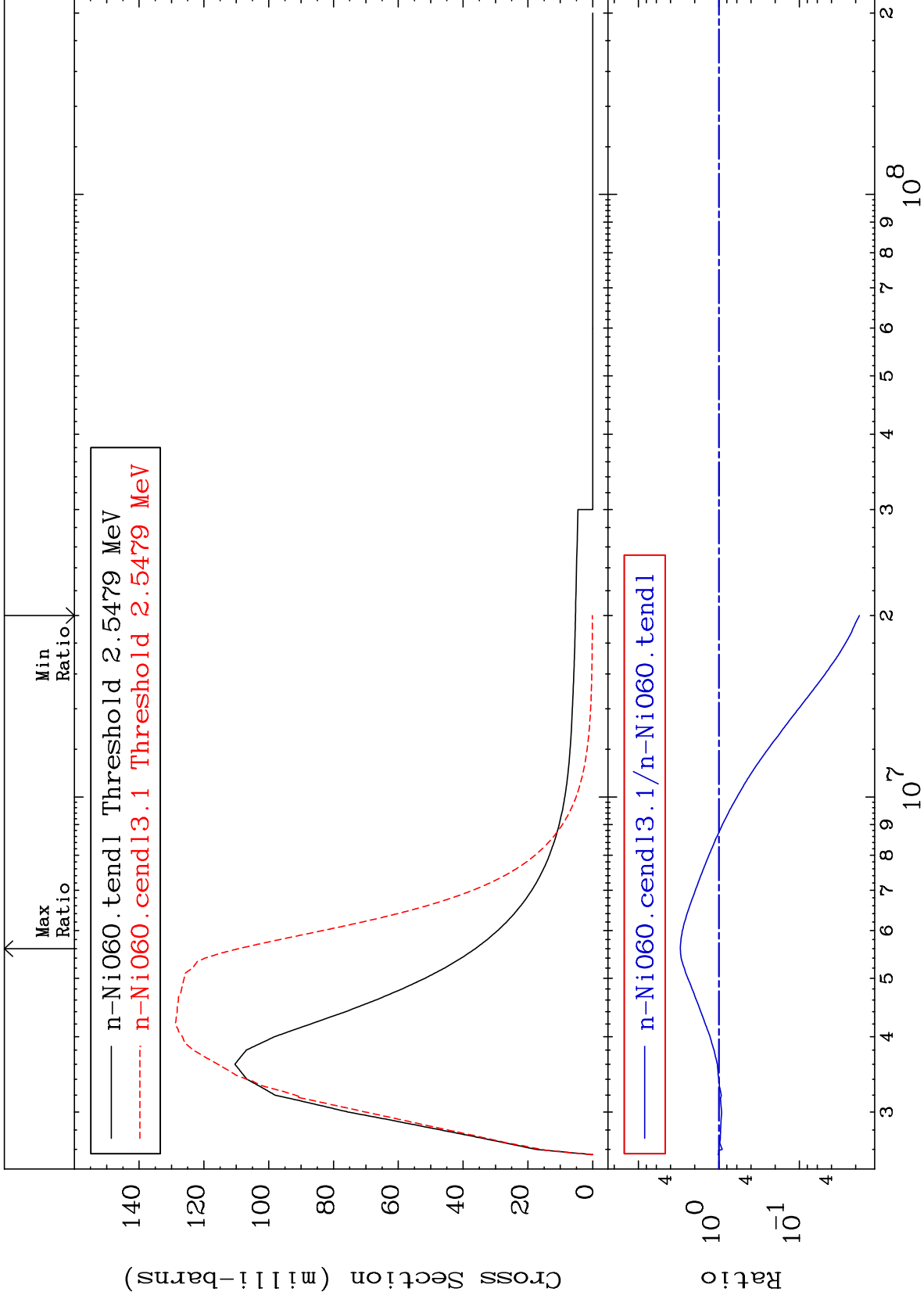
28-Ni-60  
-0.895 To 3980. %



MAT 2831

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

28-Ni-60  
-98.20 To 201.8 %



10

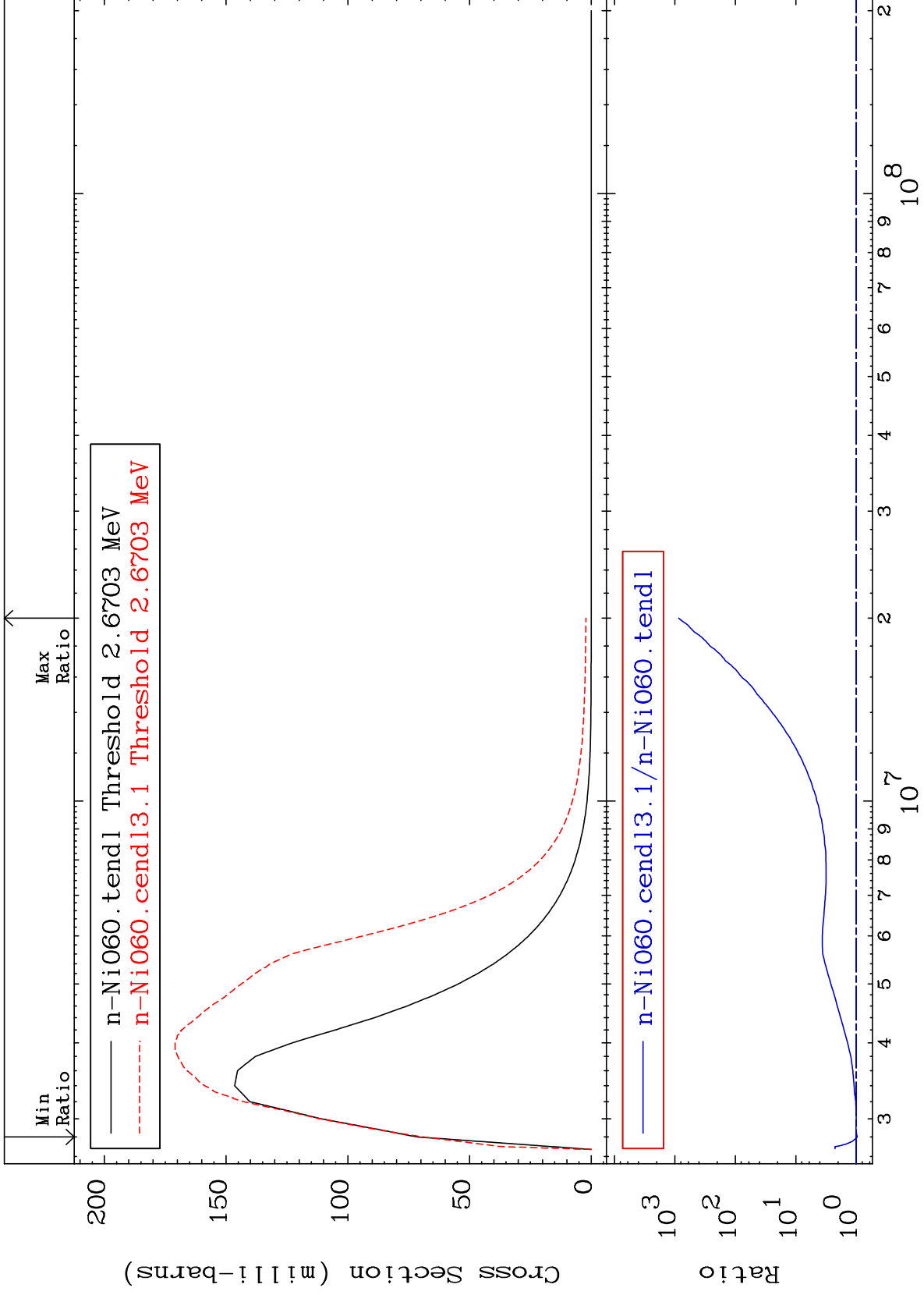
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60  
-3.613 To 9999. %



11

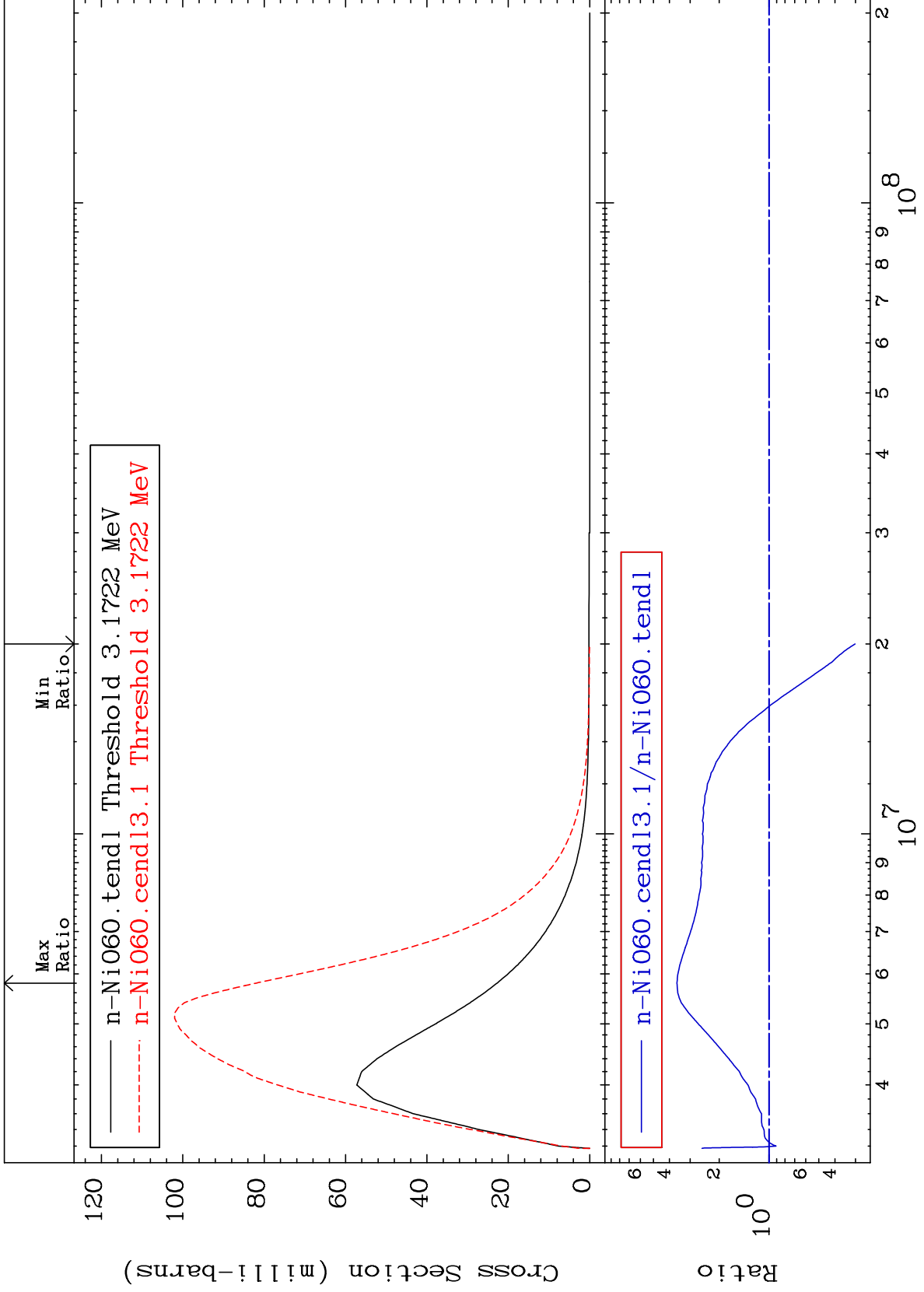
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60  
-69.82 To 260.4 %



12

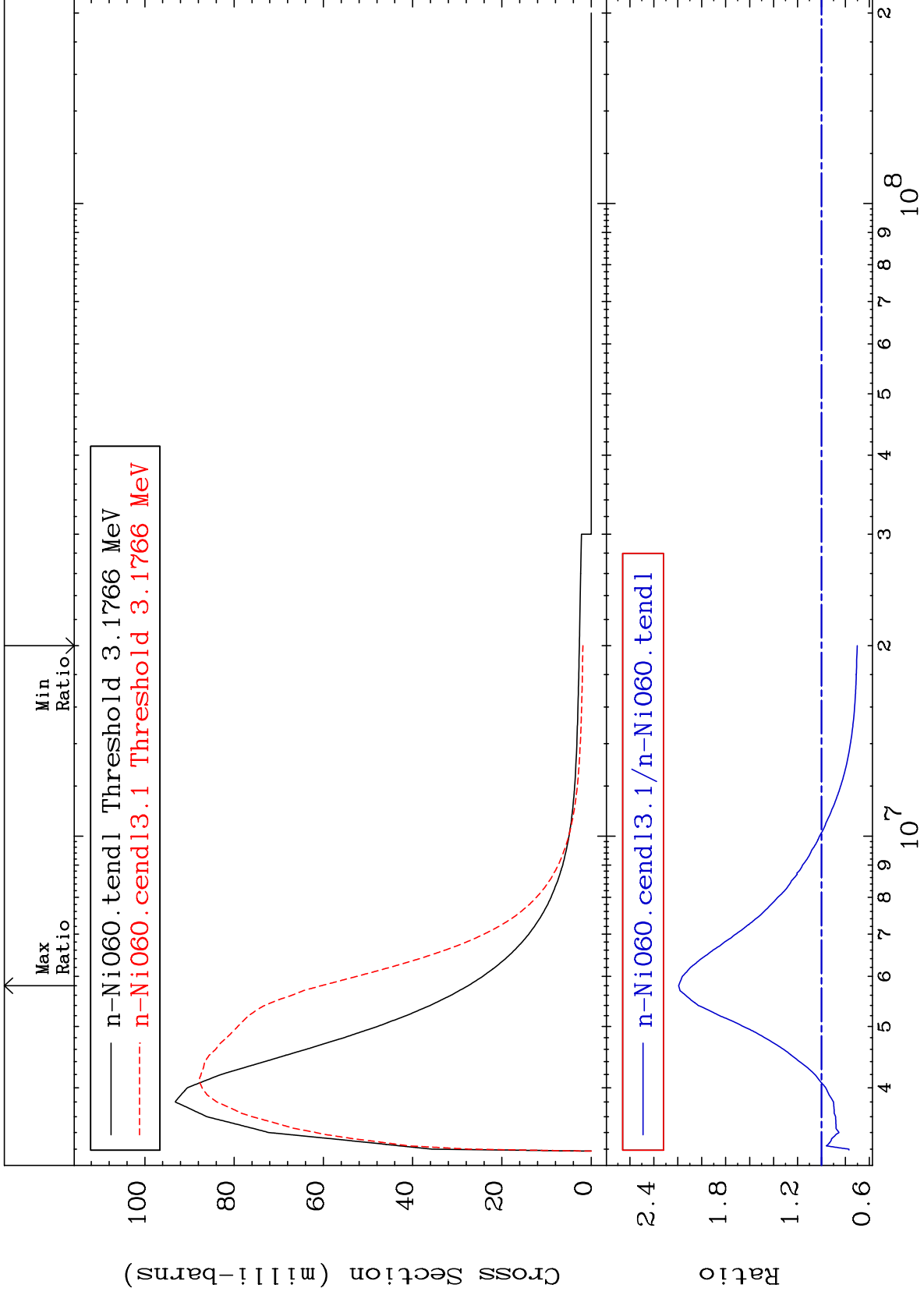
28-Ni-60

28-Ni-60

MAT 2831

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

28-Ni-60  
-29.89 To 119.3 %



13

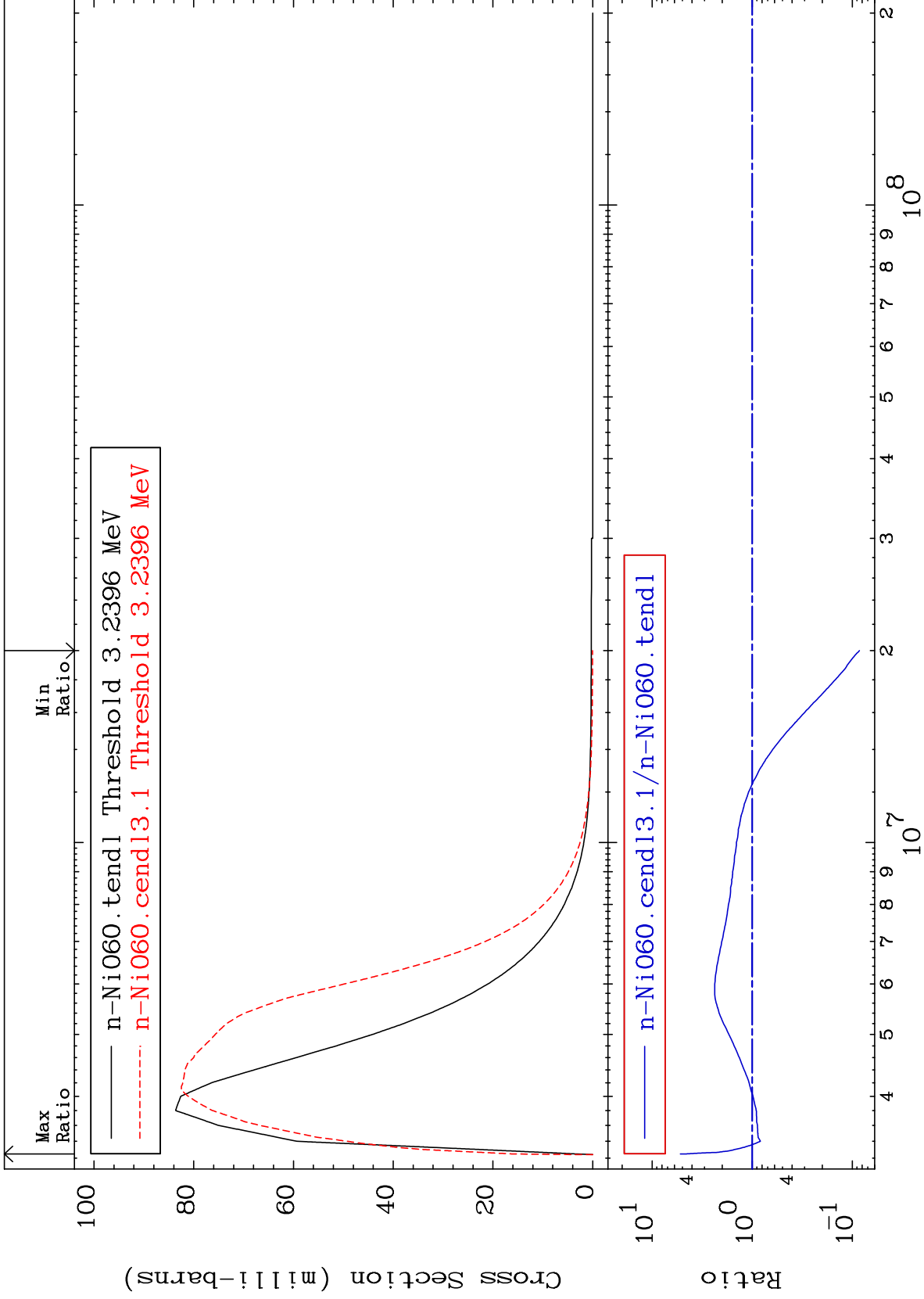
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60  
-91.50 To 423.0 %



14

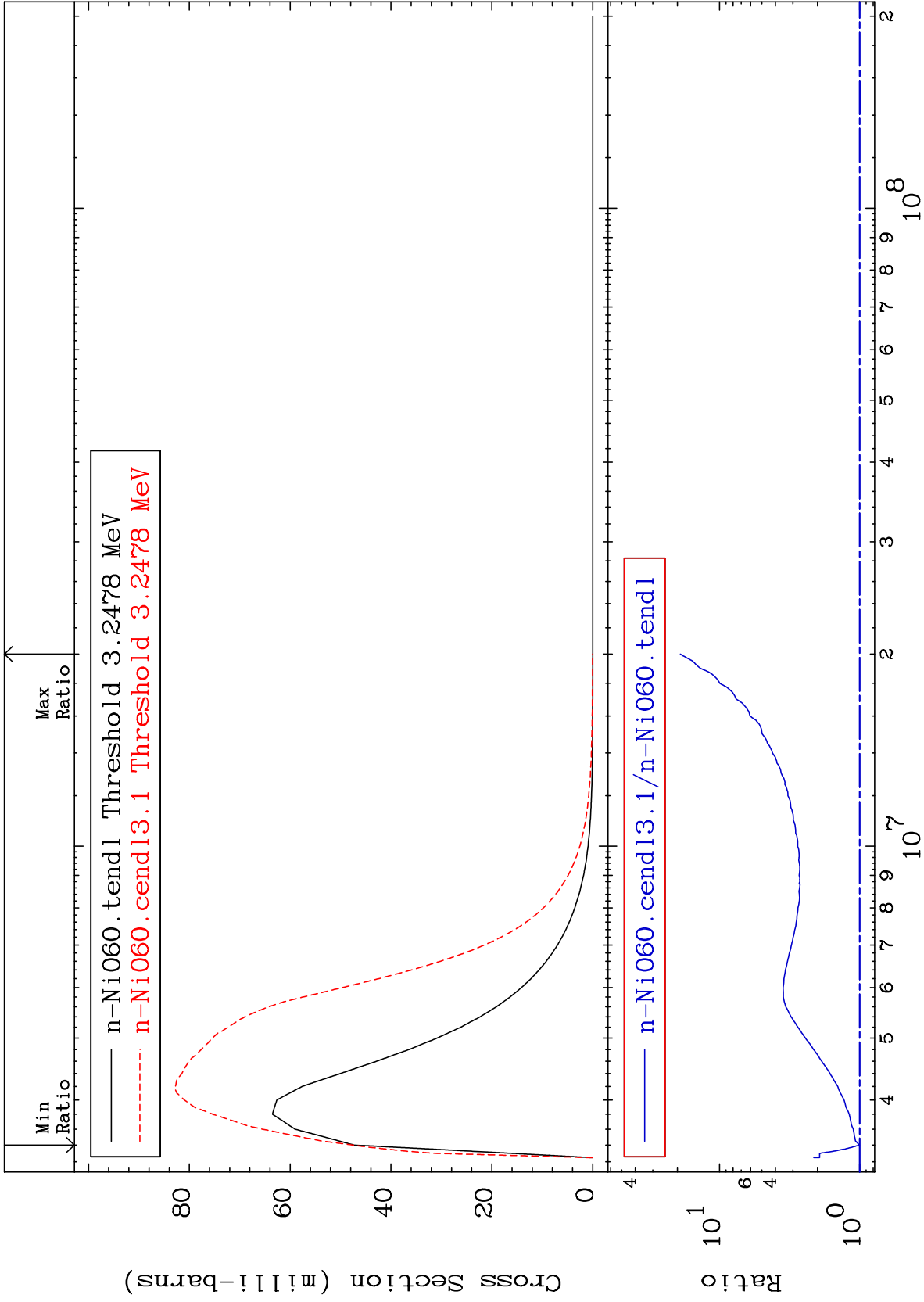
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60  
0.419 To 1806. %



15

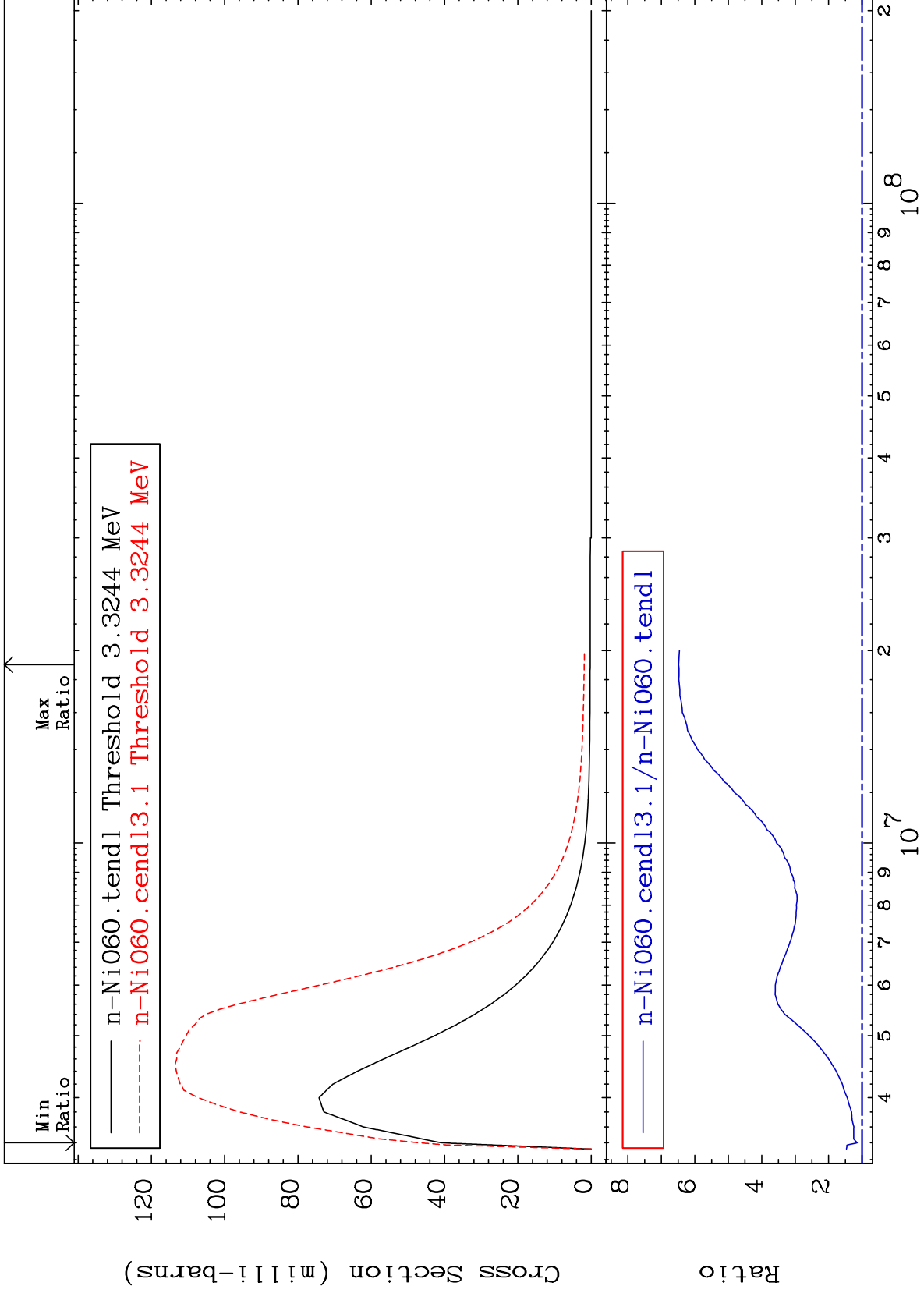
28-Ni-60

28-Ni-60

MAT 2831

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

28-Ni-60  
14.45 To 548.4 %



16

28-Ni-60

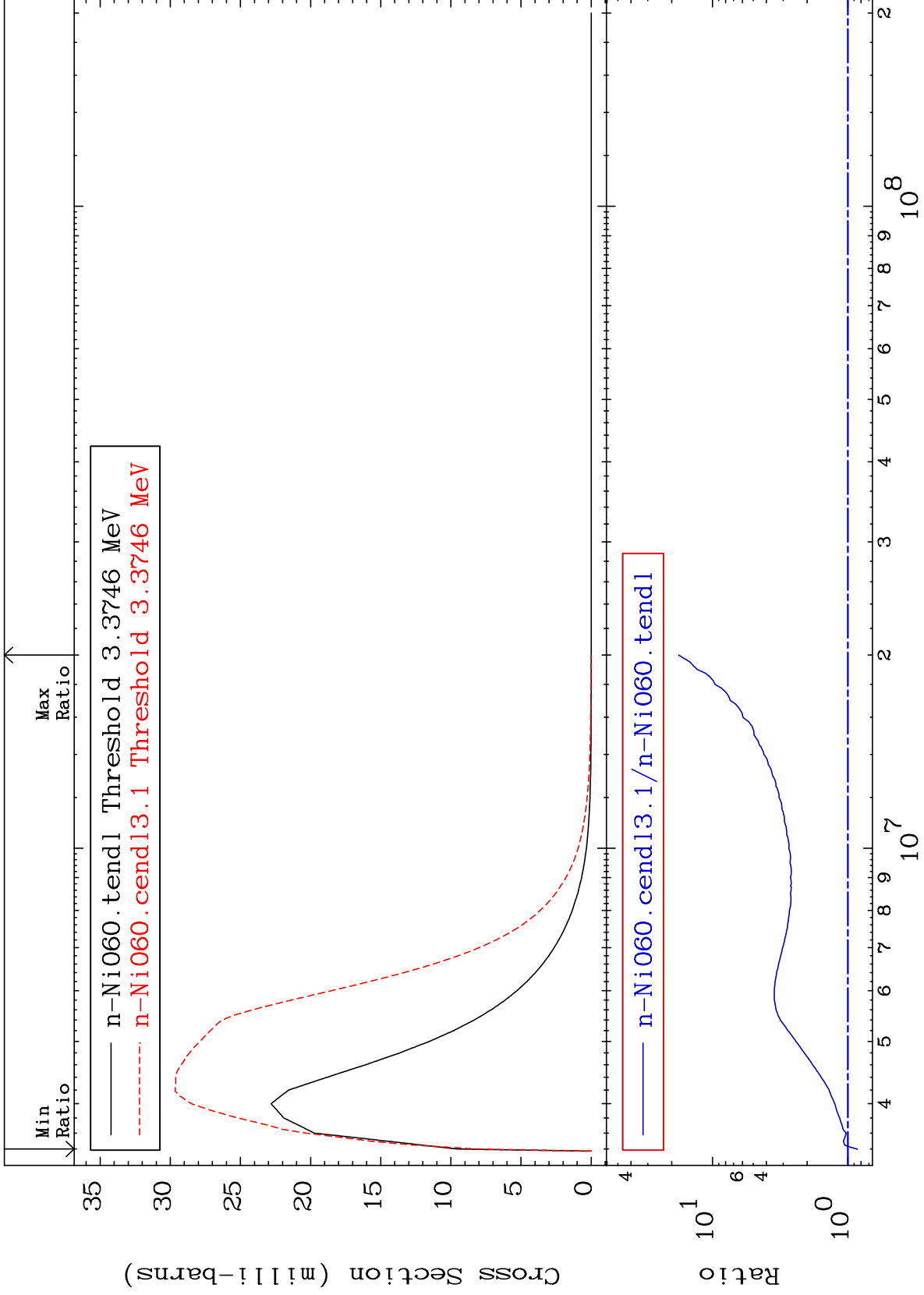
28-Ni-60



MAT 2831

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

28-Ni-60  
-14.79 To 1678. %



17

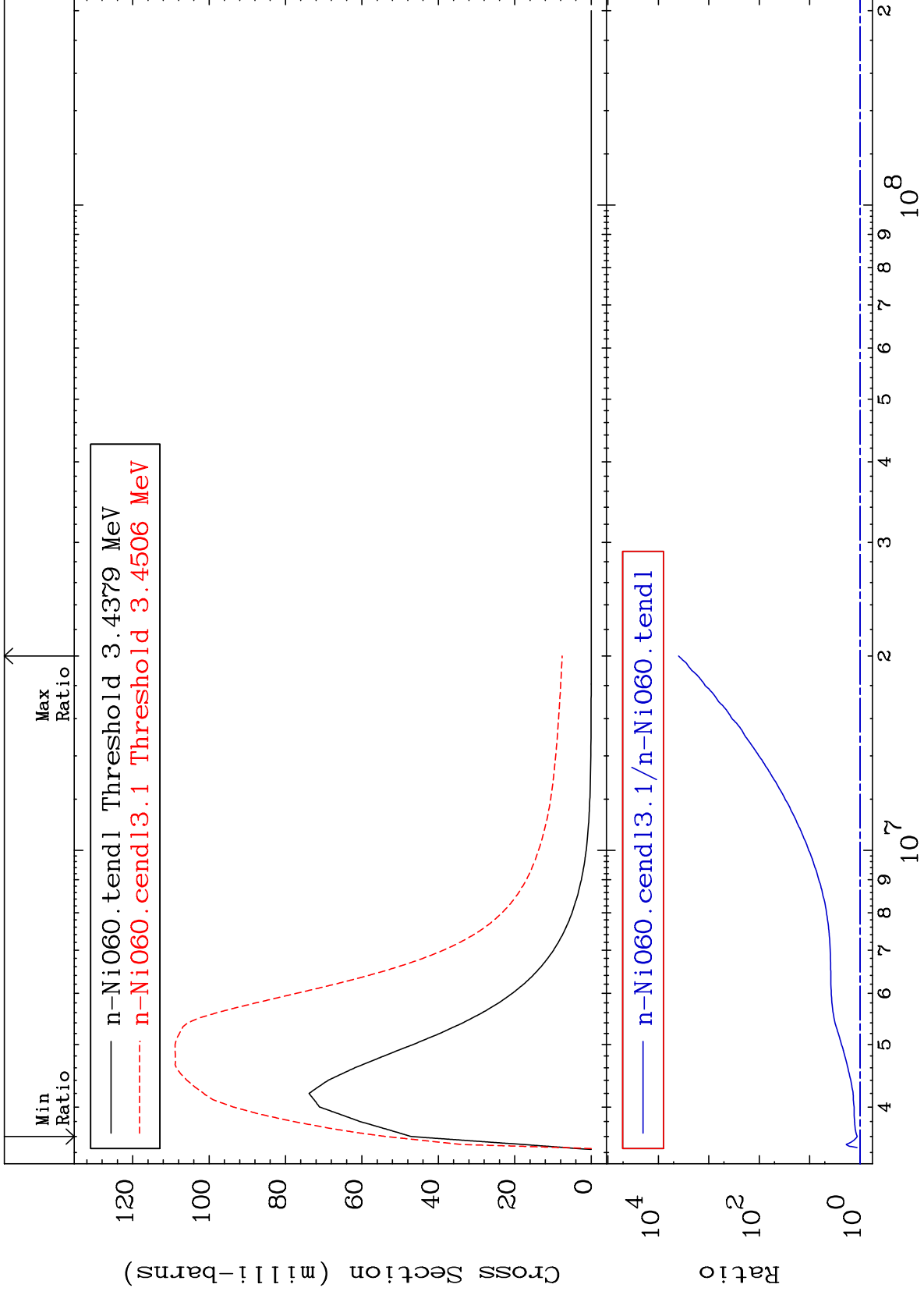
Incident Energy (eV)

28-Ni-60

MAT 2831

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

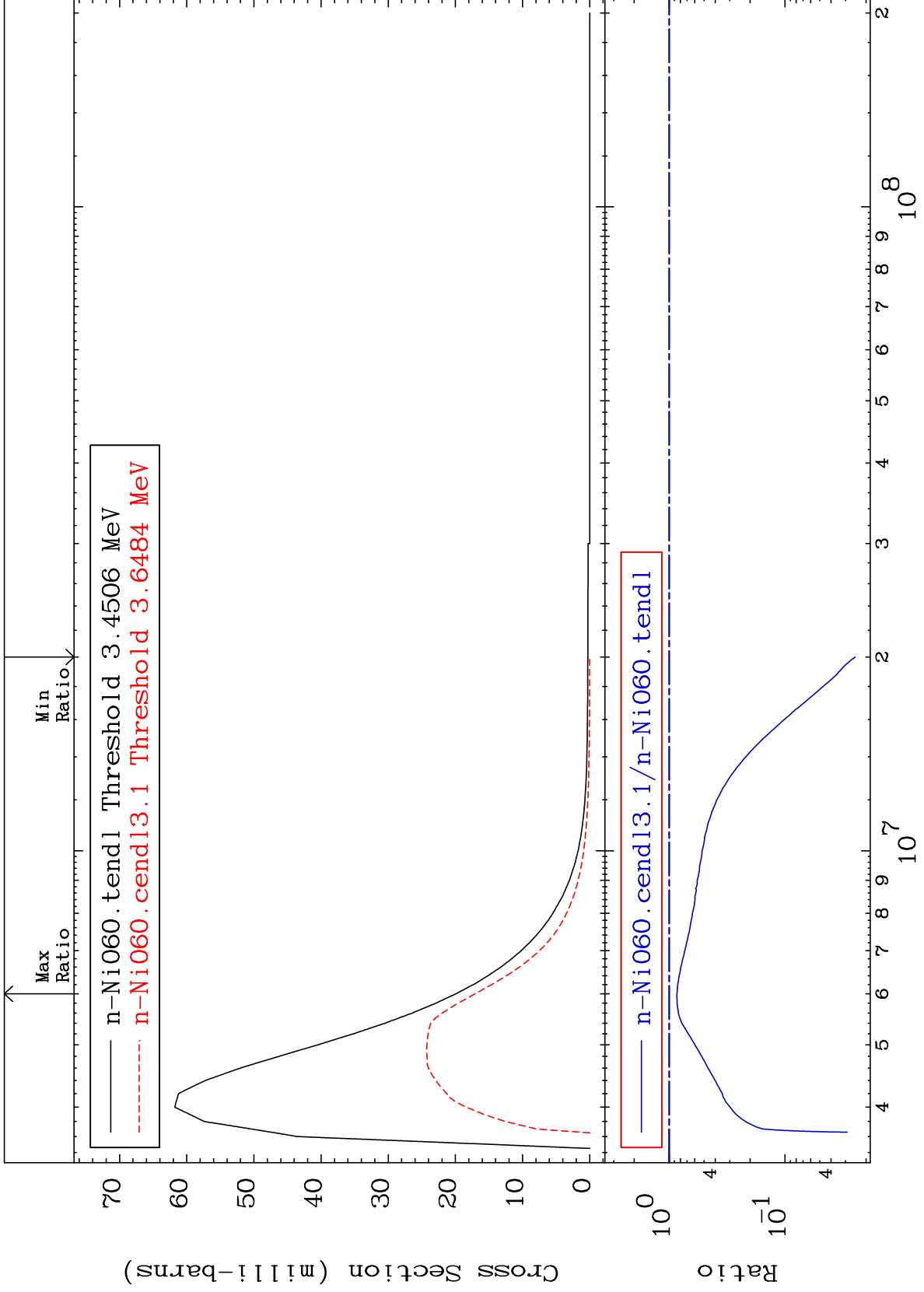
28-Ni-60  
14.02 To 9999. %



MAT 2831

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

28-Ni-60  
-97.52 To -14.38%



19

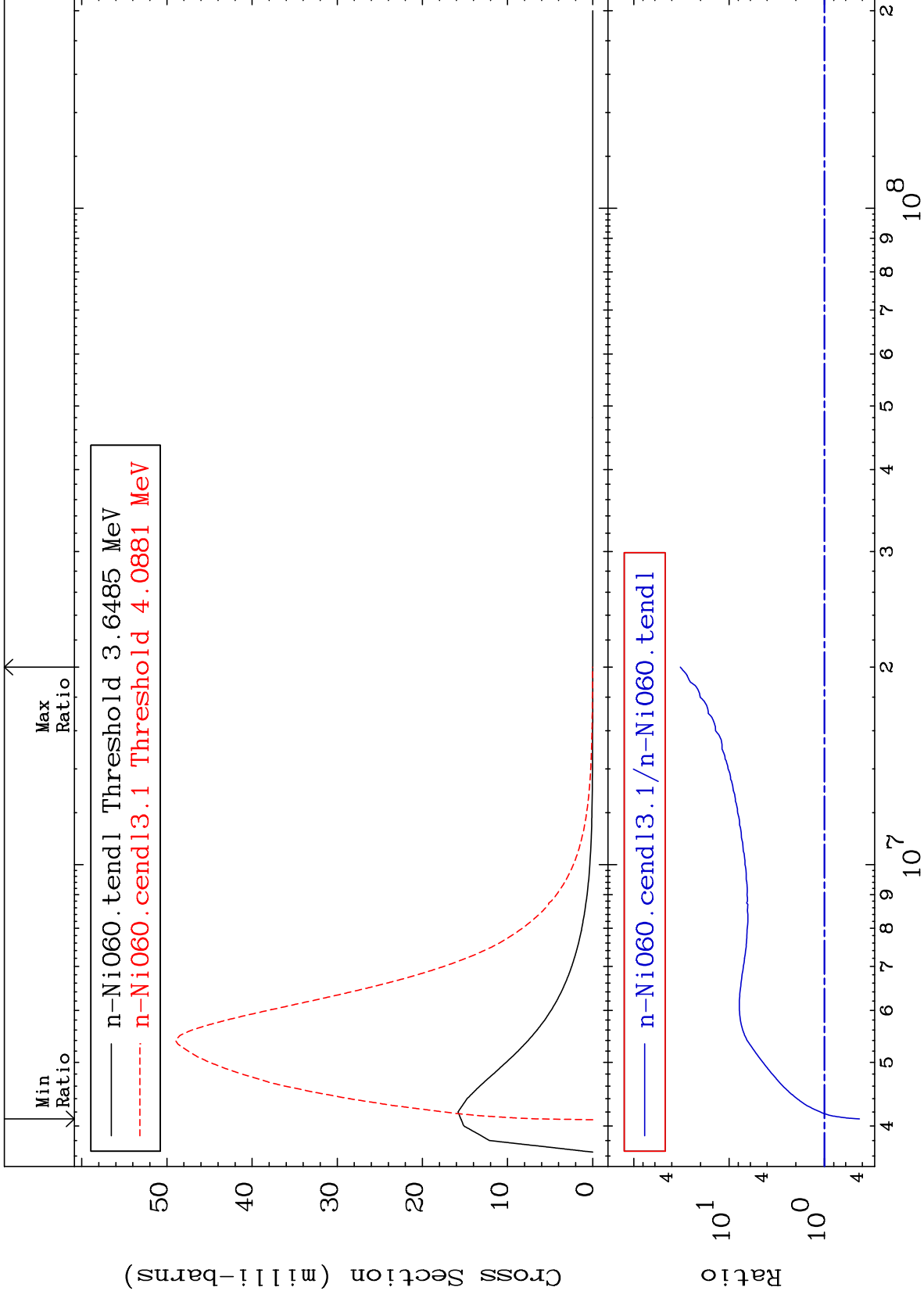
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60  
-57.04 To 3148. %



20

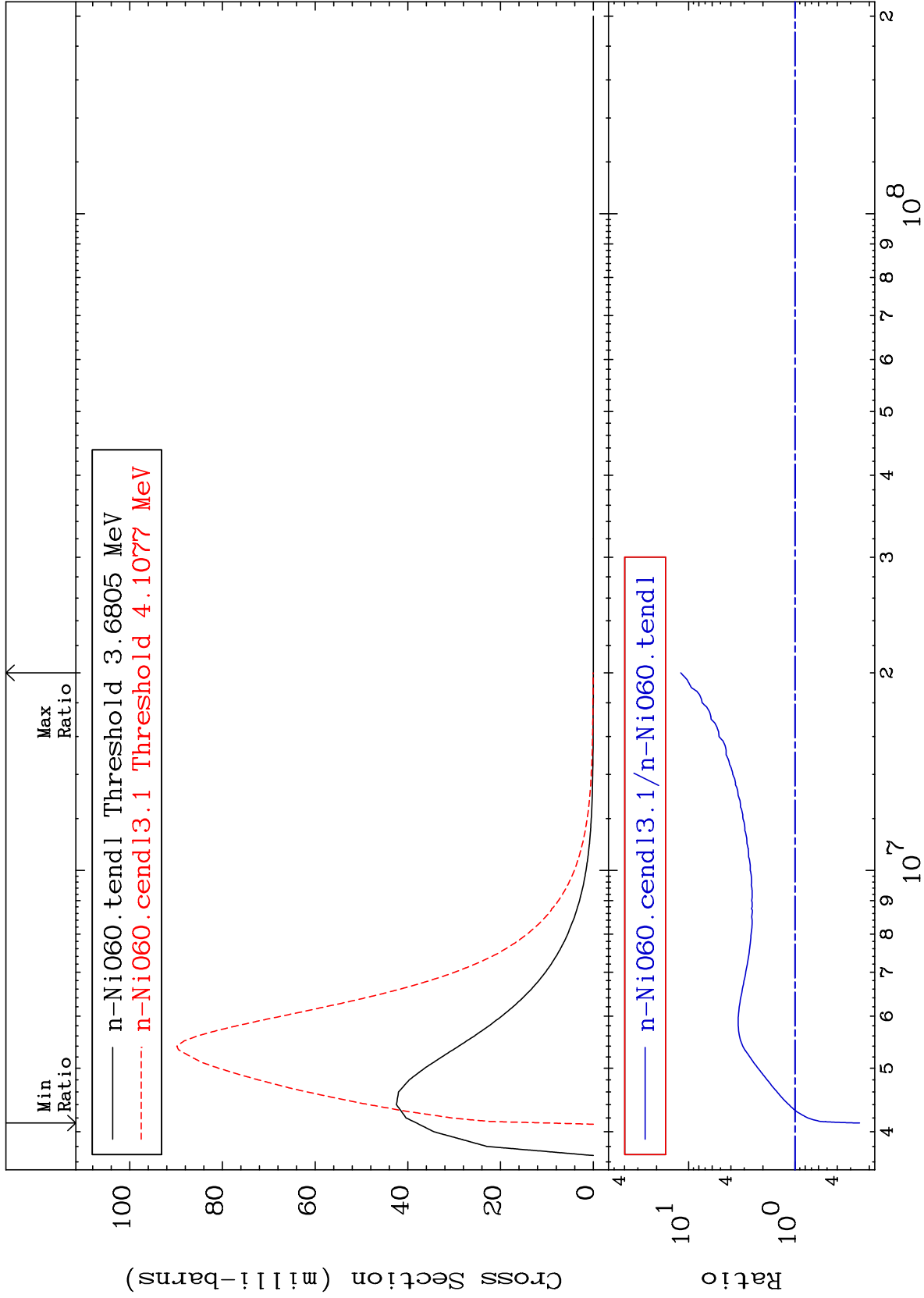
Incident Energy (eV)

28-Ni-60

MAT 2831

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

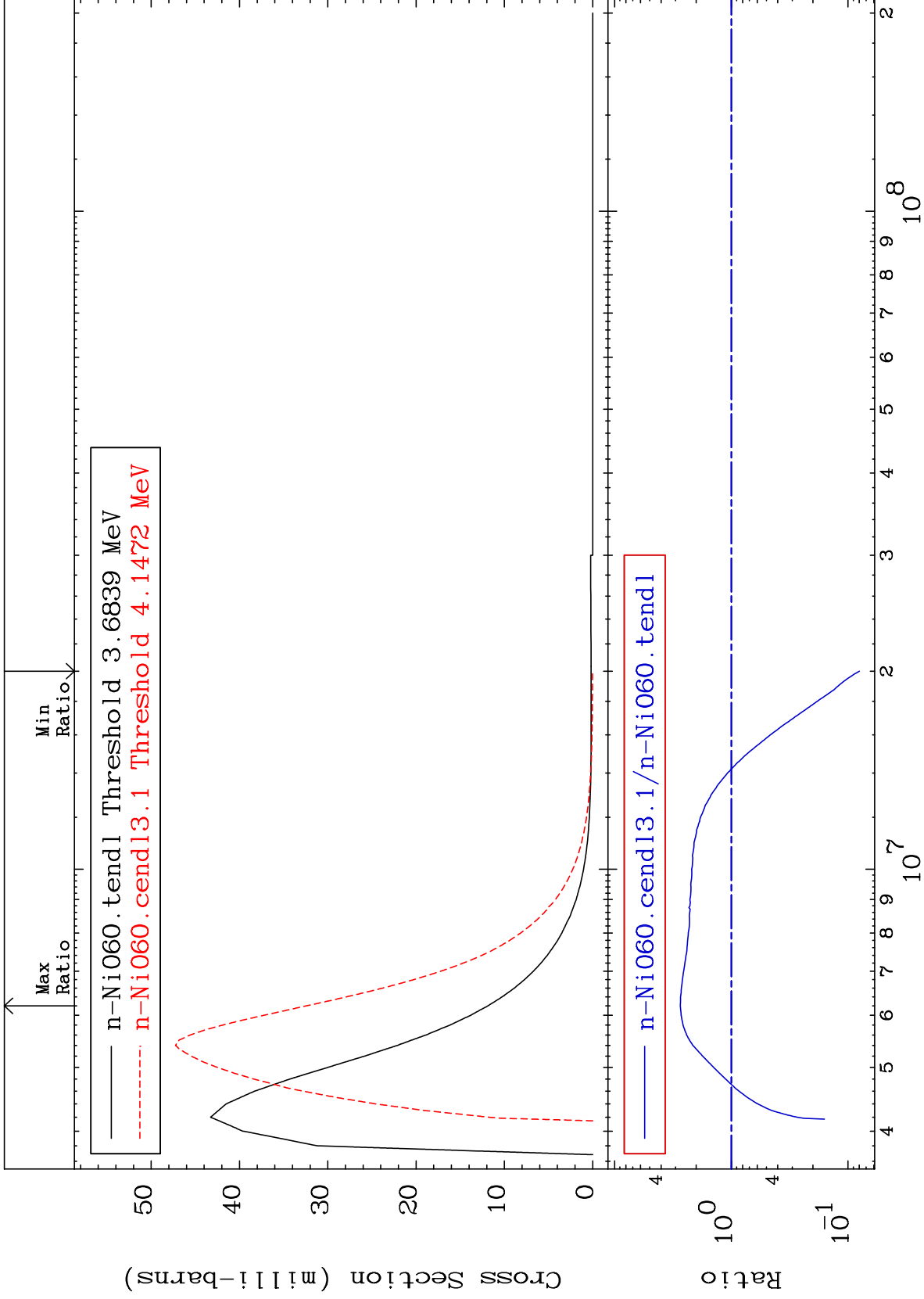
28-Ni-60  
-75.29 To 1084. %



MAT 2831

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

28-Ni-60  
-92.02 To 173.2 %



22

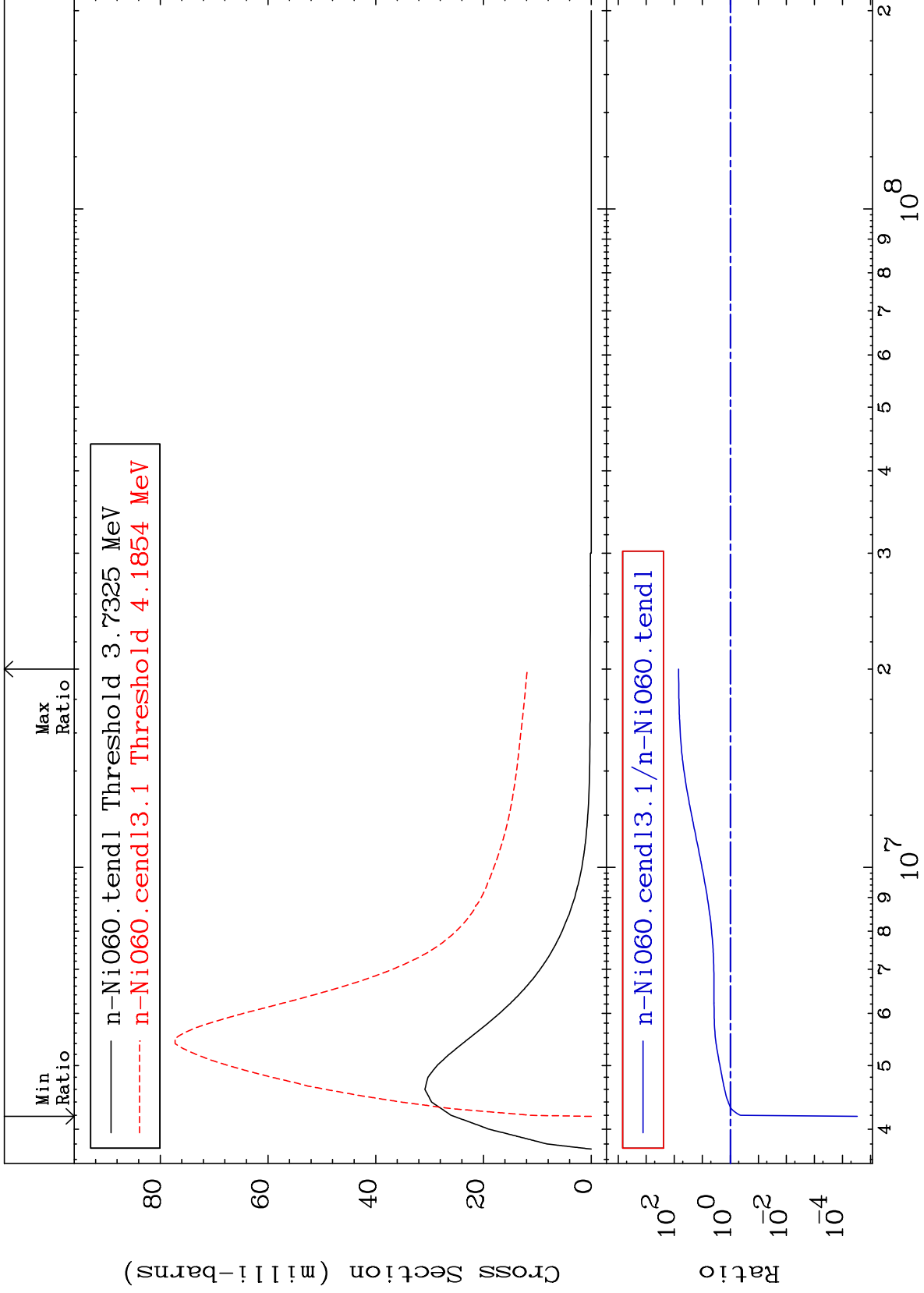
Incident Energy (eV)

28-Ni-60

MAT 2831

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

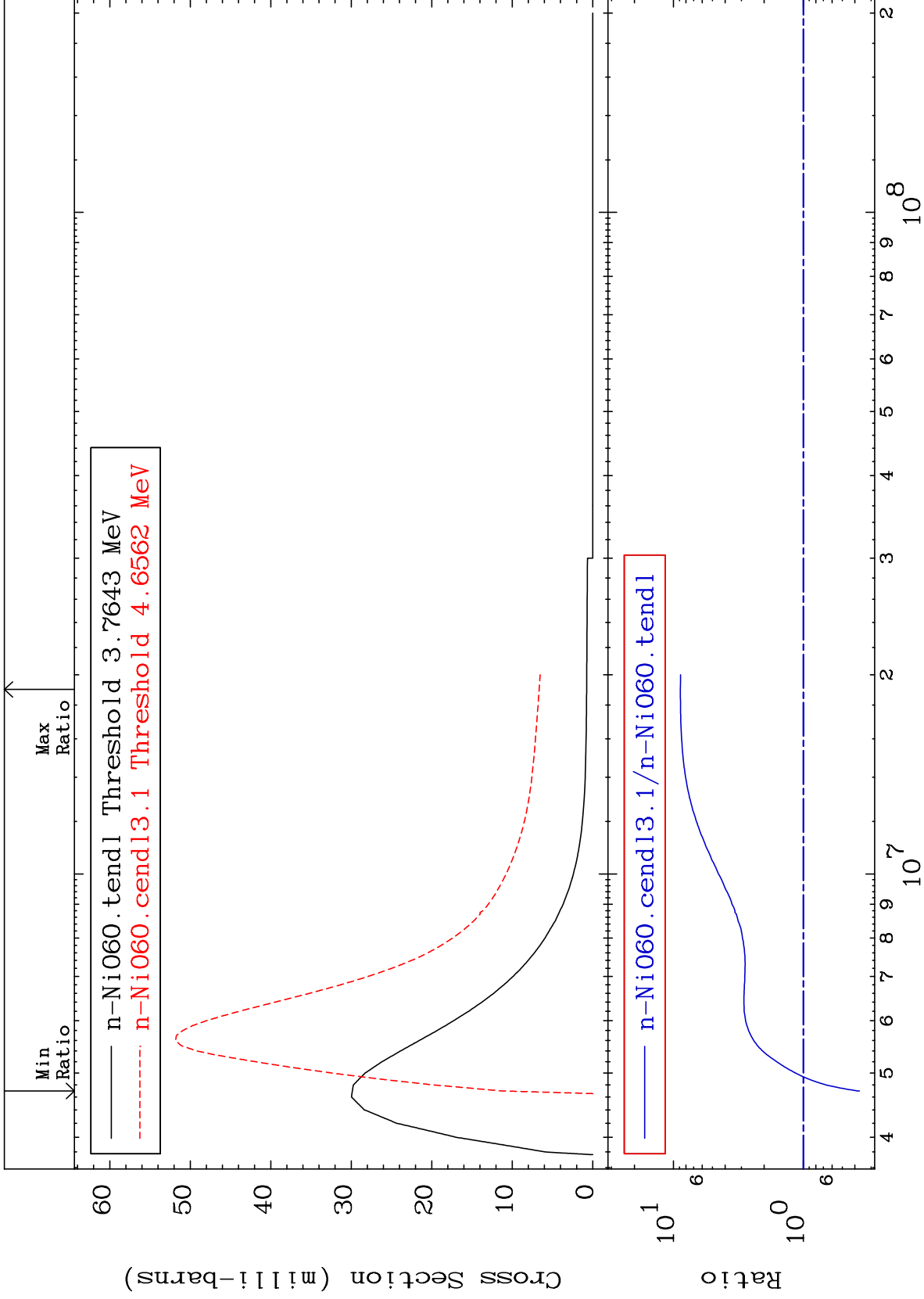
28-Ni-60  
-100.0 To 6878. %



MAT 2831

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

28-Ni-60  
-63.10 To 784.8 %

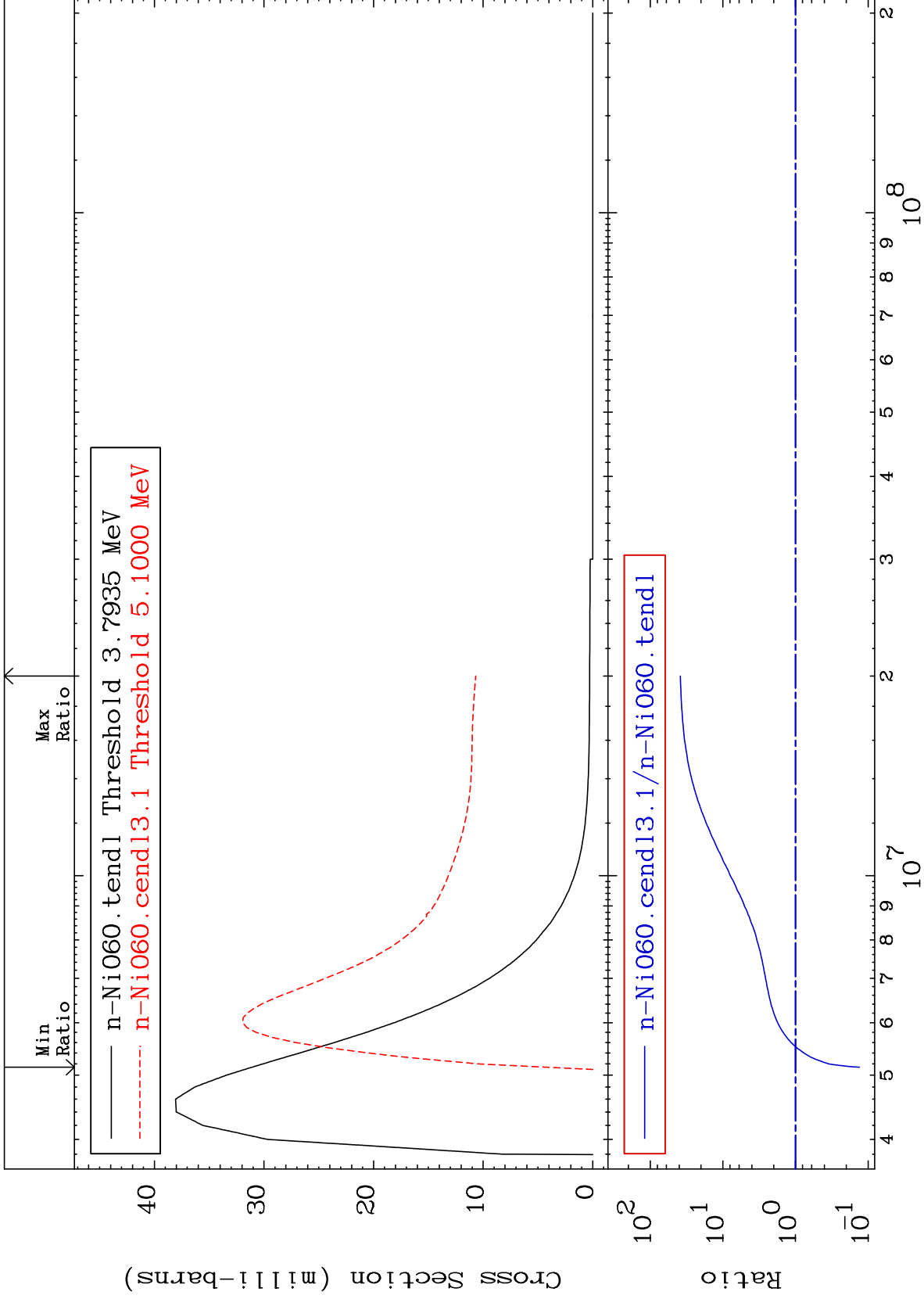




MAT 2831

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

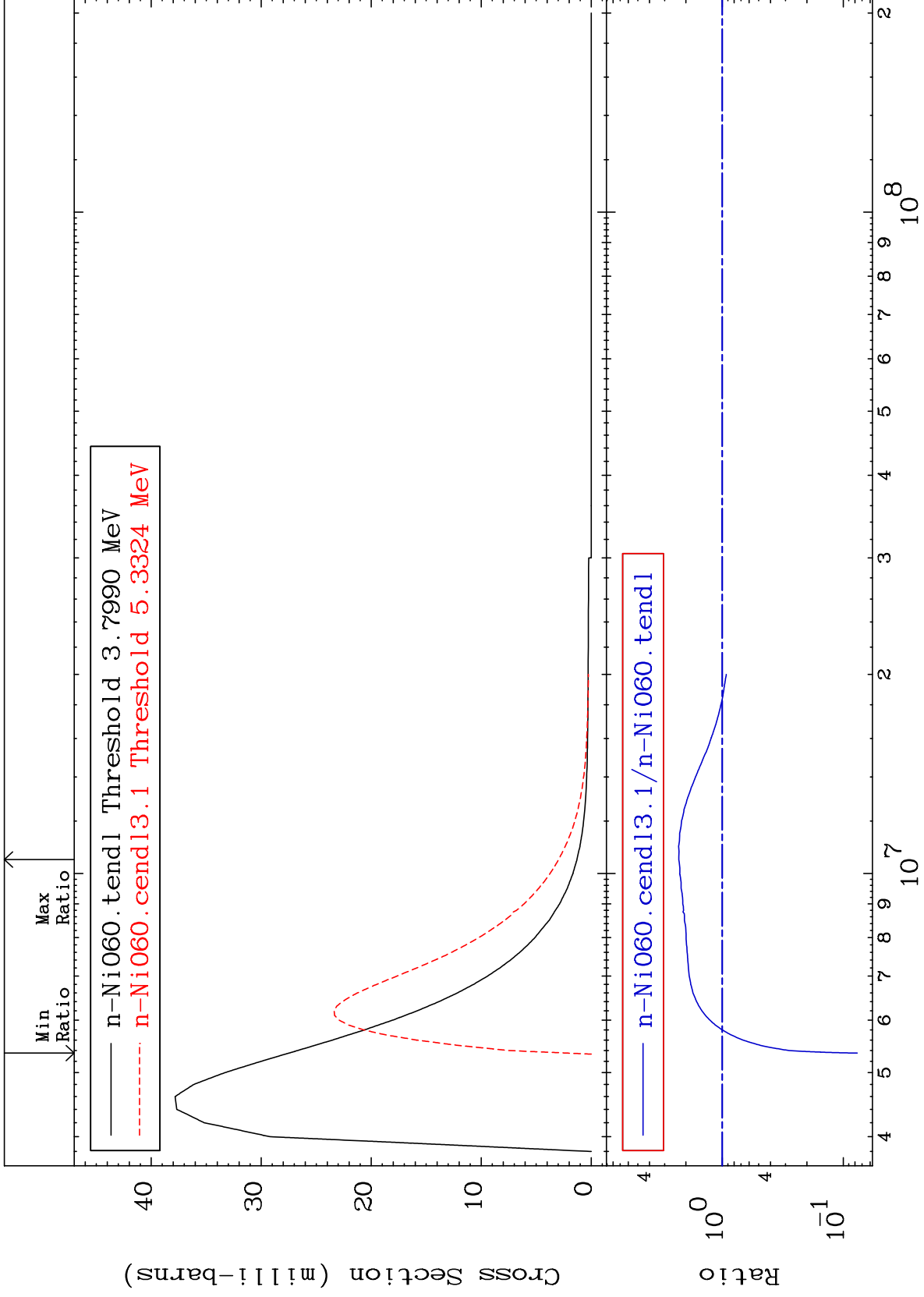
28-Ni-60  
-86.82 To 3754. %

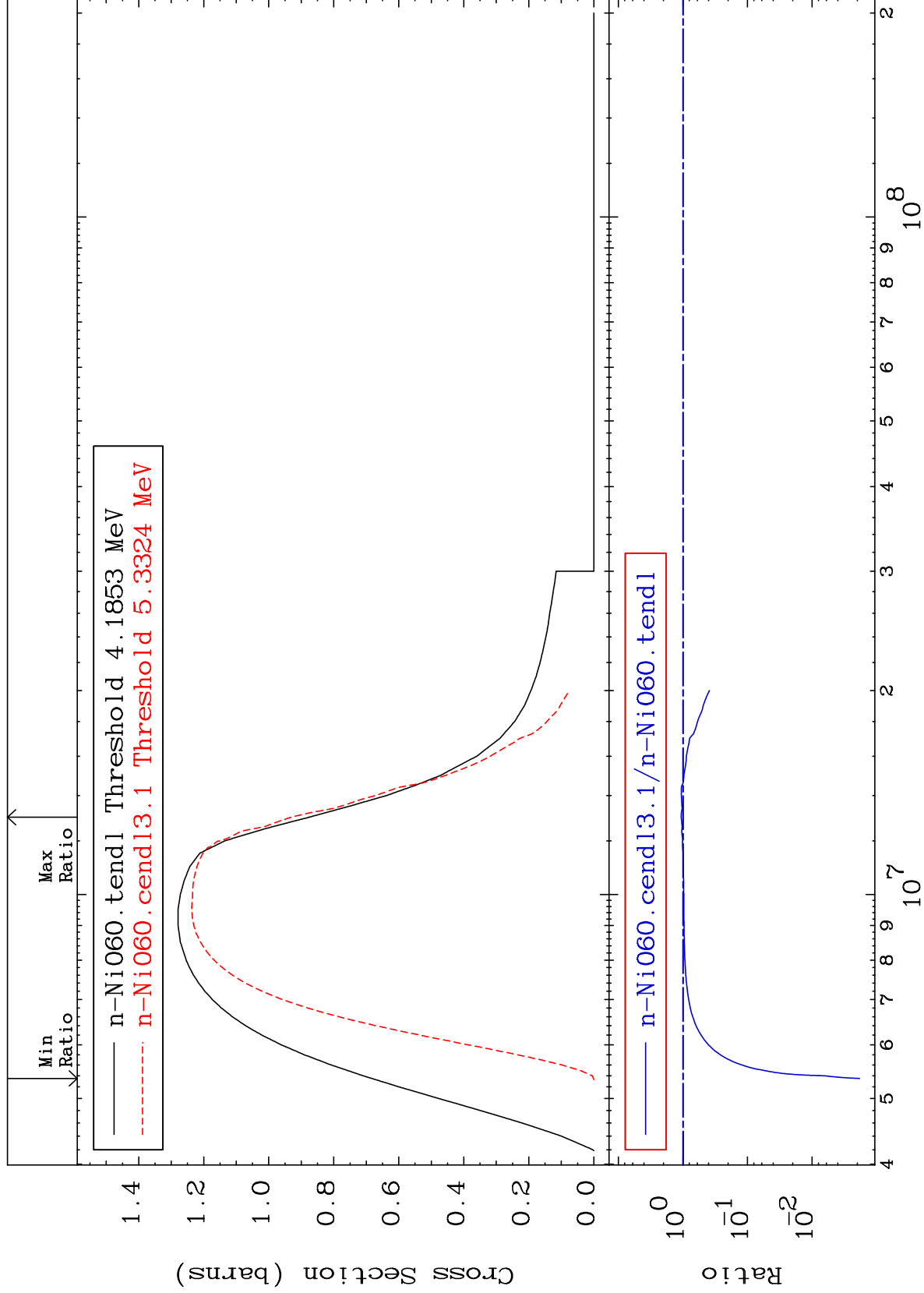


25

Incident Energy (eV)

28-Ni-60





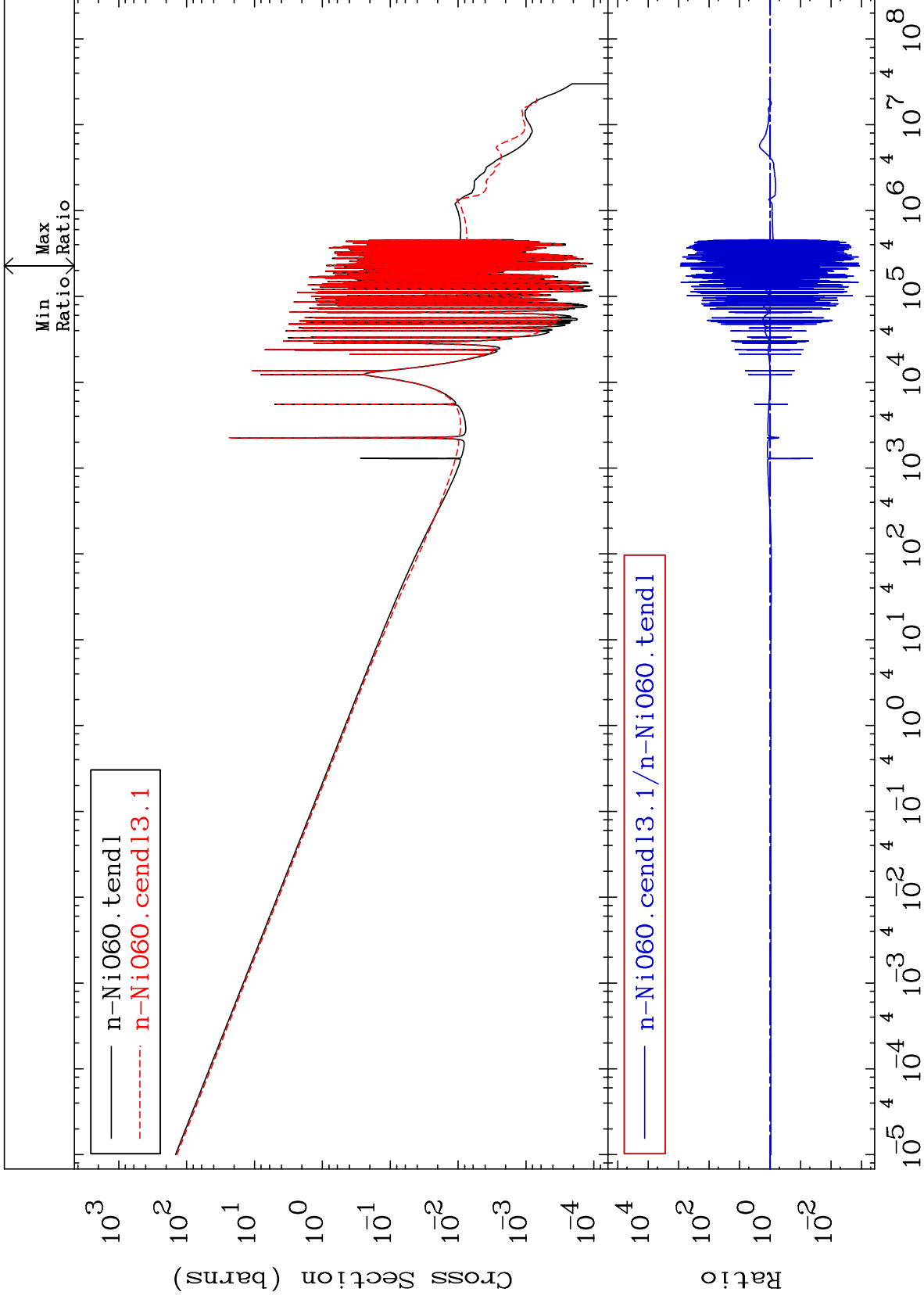
MAT 2831

(n,  $\gamma$ )

28-Ni-60

Cross Section

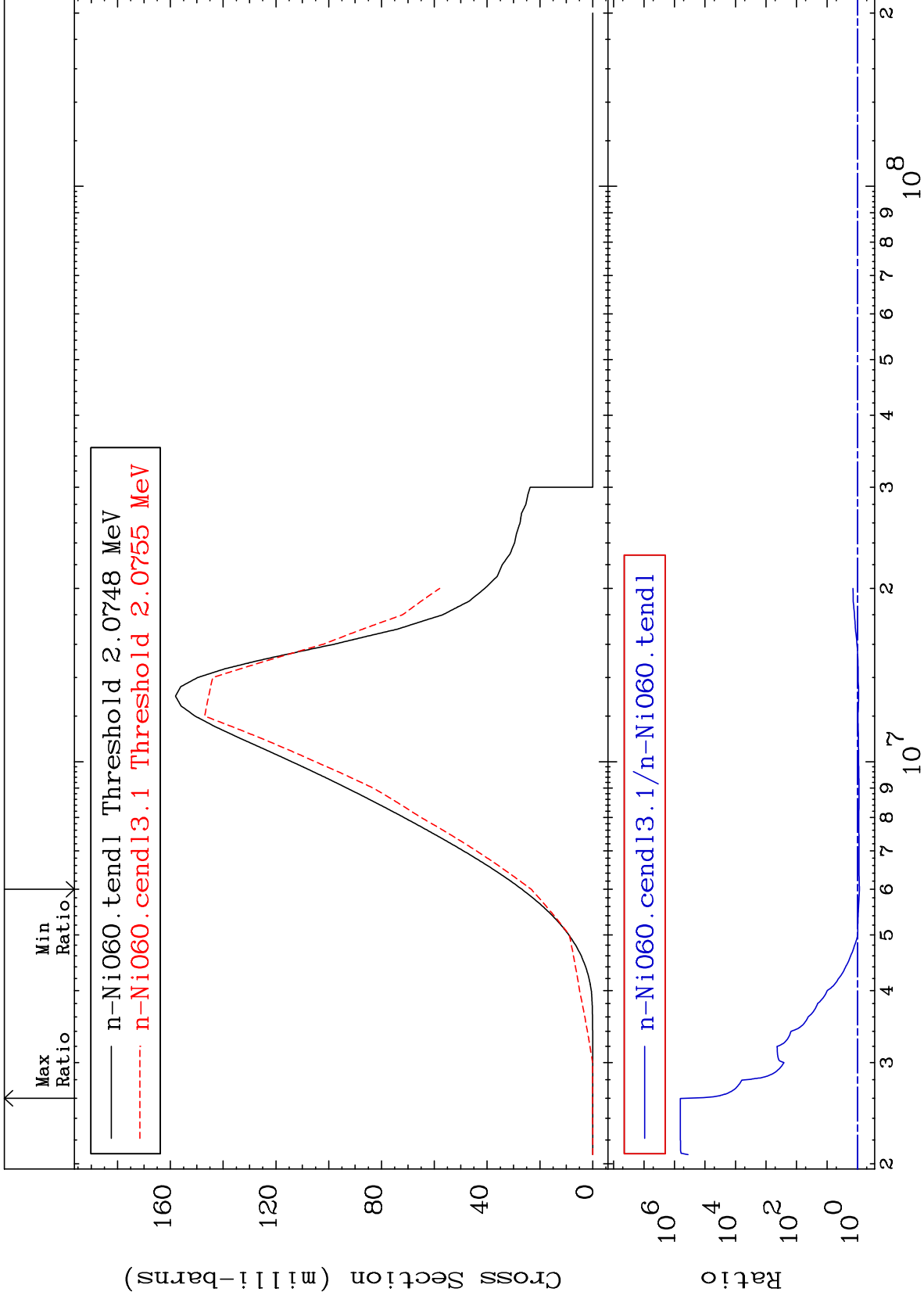
-99.88 To 9999. %



28

Incident Energy (eV)

28-Ni-60



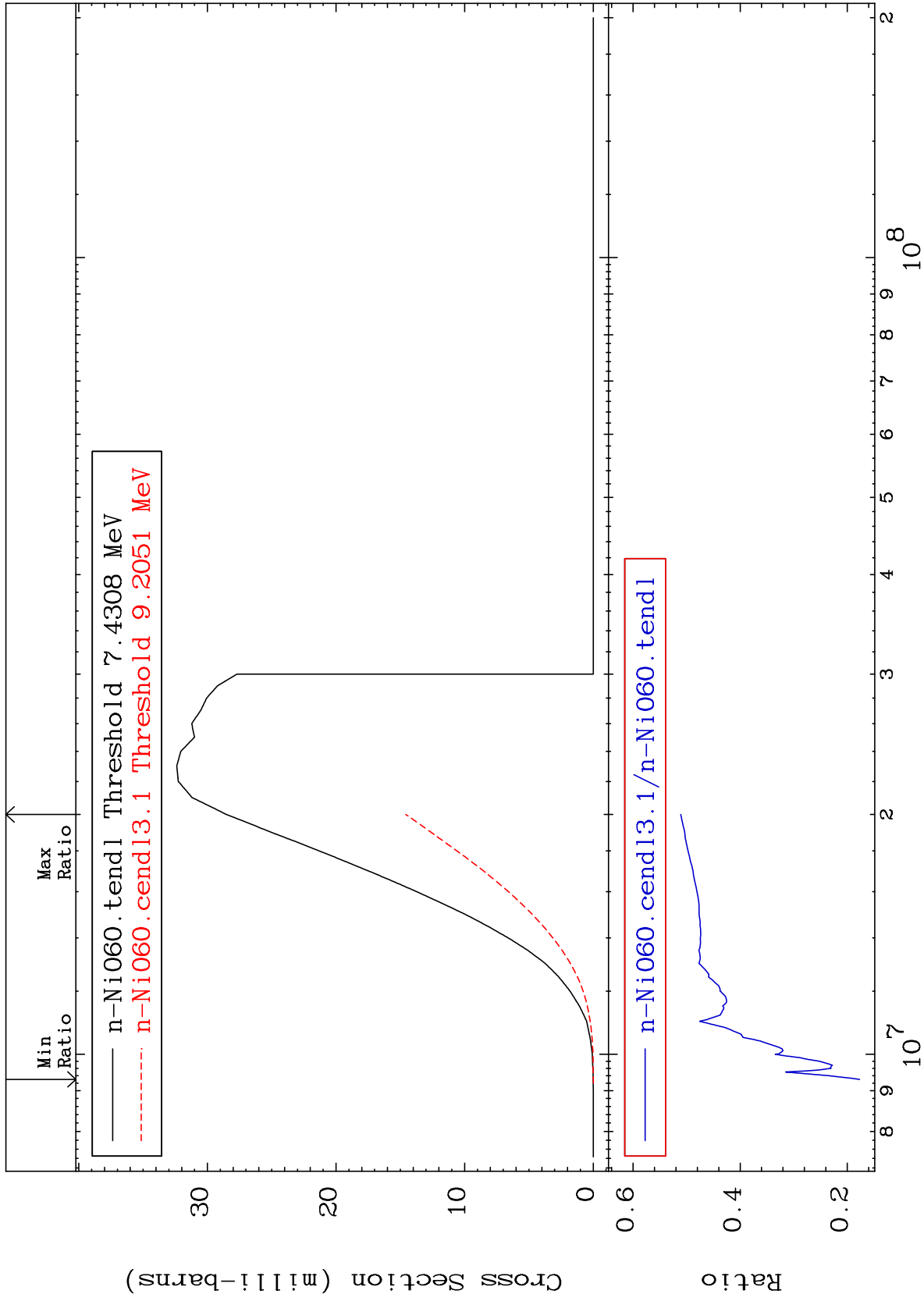
MAT 2831

(n, d)

28-Ni-60

Cross Section

-82.30 To -48.91%



30

Incident Energy (eV)

28-Ni-60

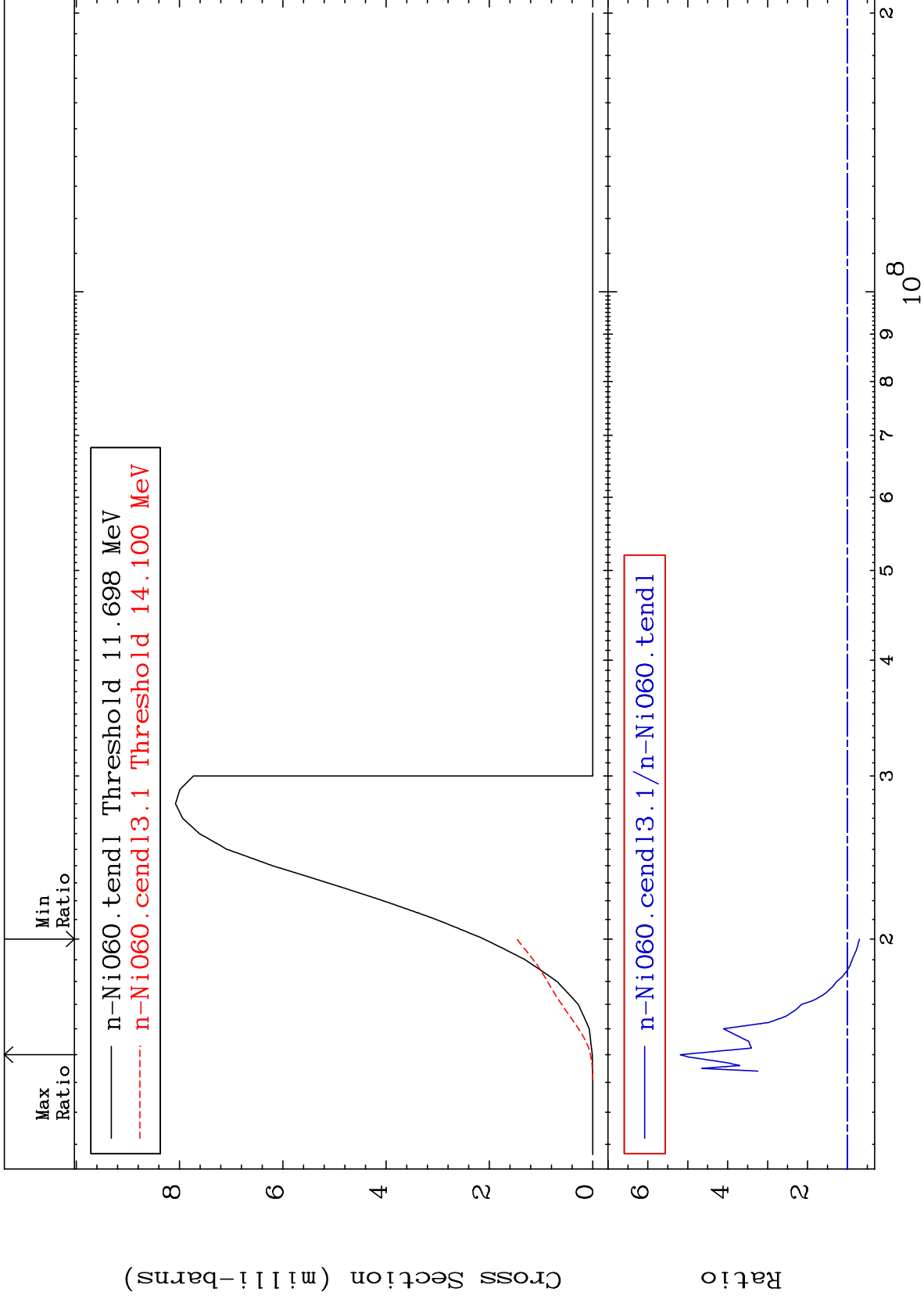
MAT 2831

(n, t)

28-Ni-60

Cross Section

-30.20 To 418.6 %



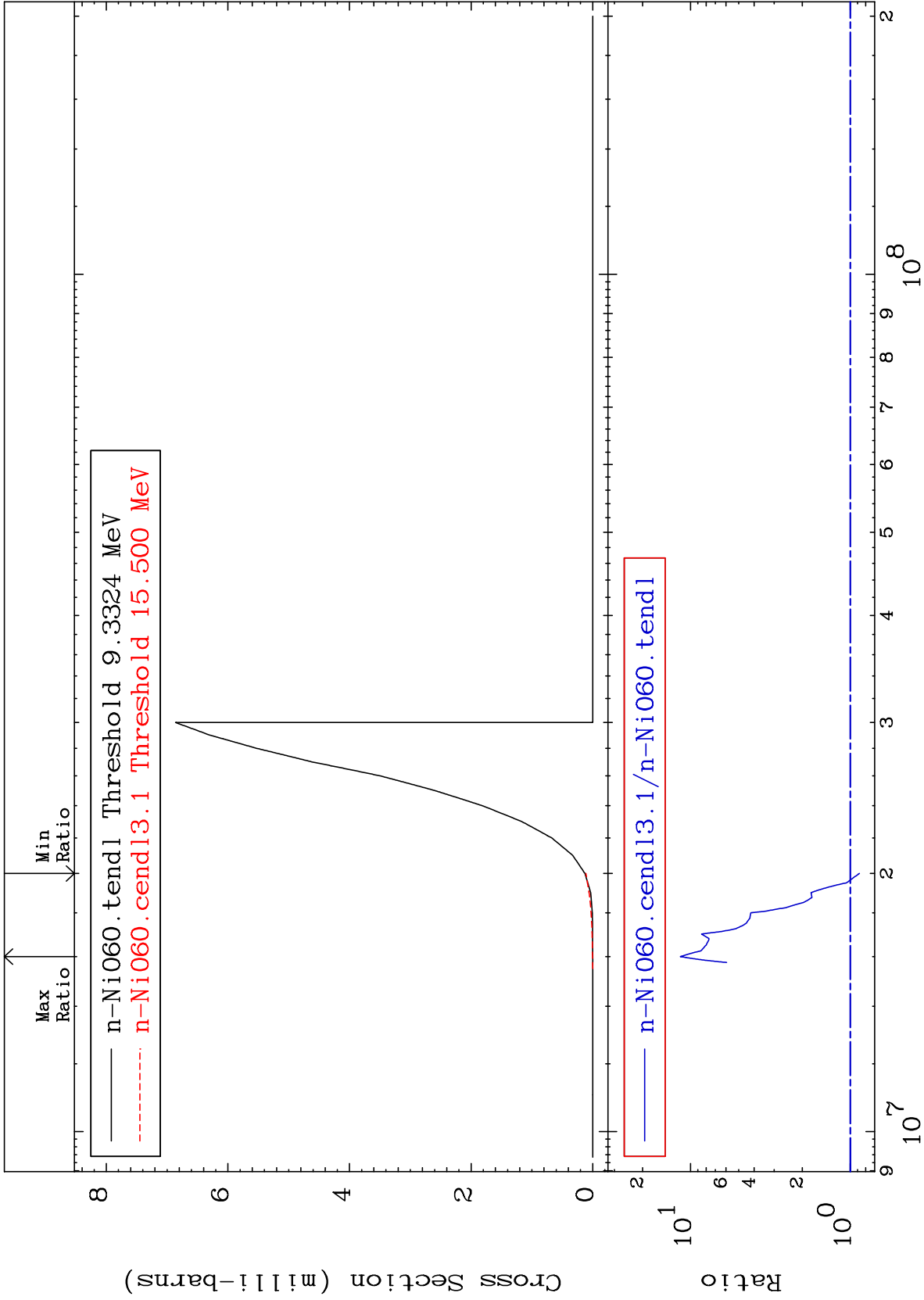
MAT 2831

(n, He-3)

28-Ni-60

Cross Section

-12.36 To 1059. %



32

28-Ni-60

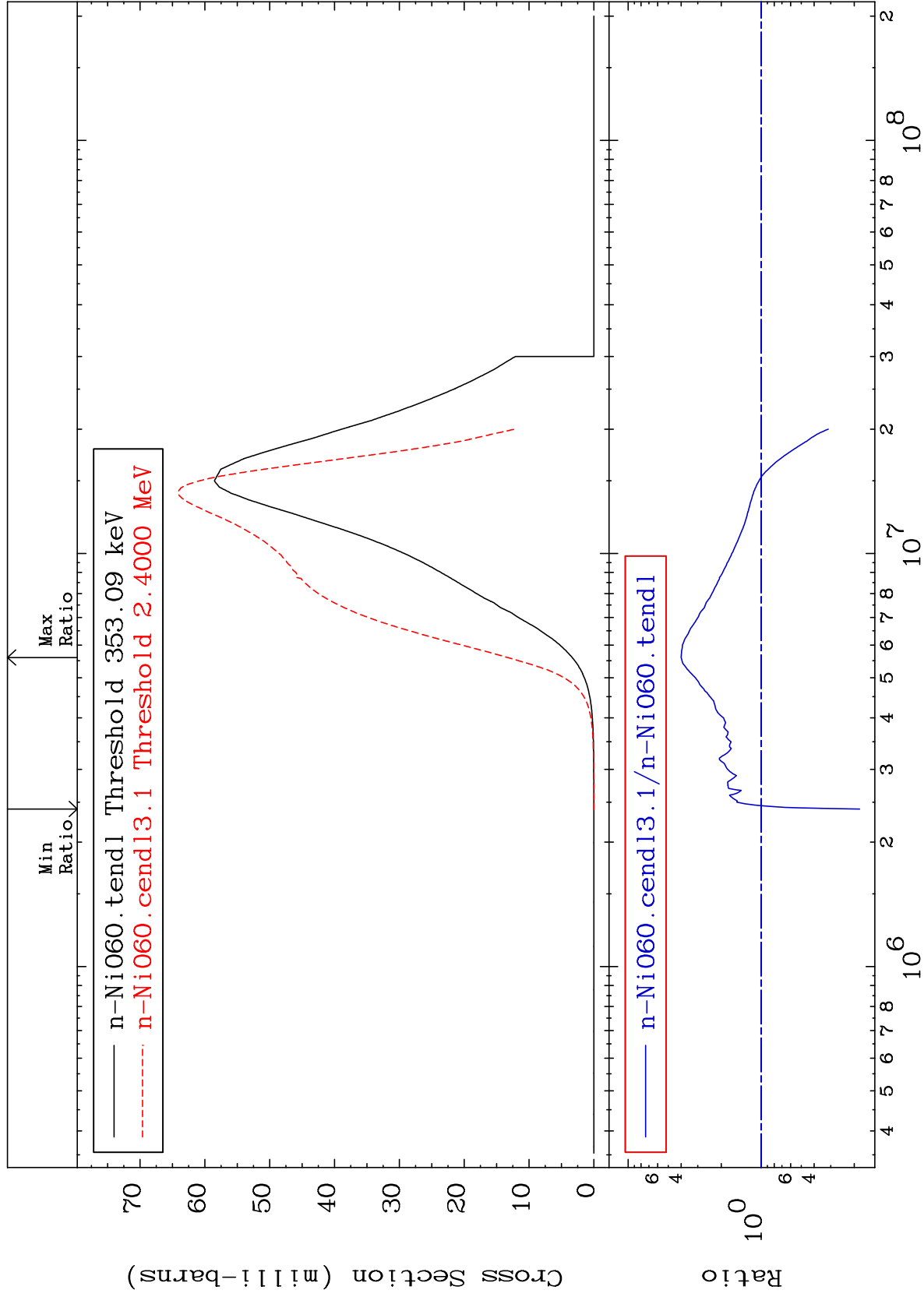
28-Ni-60

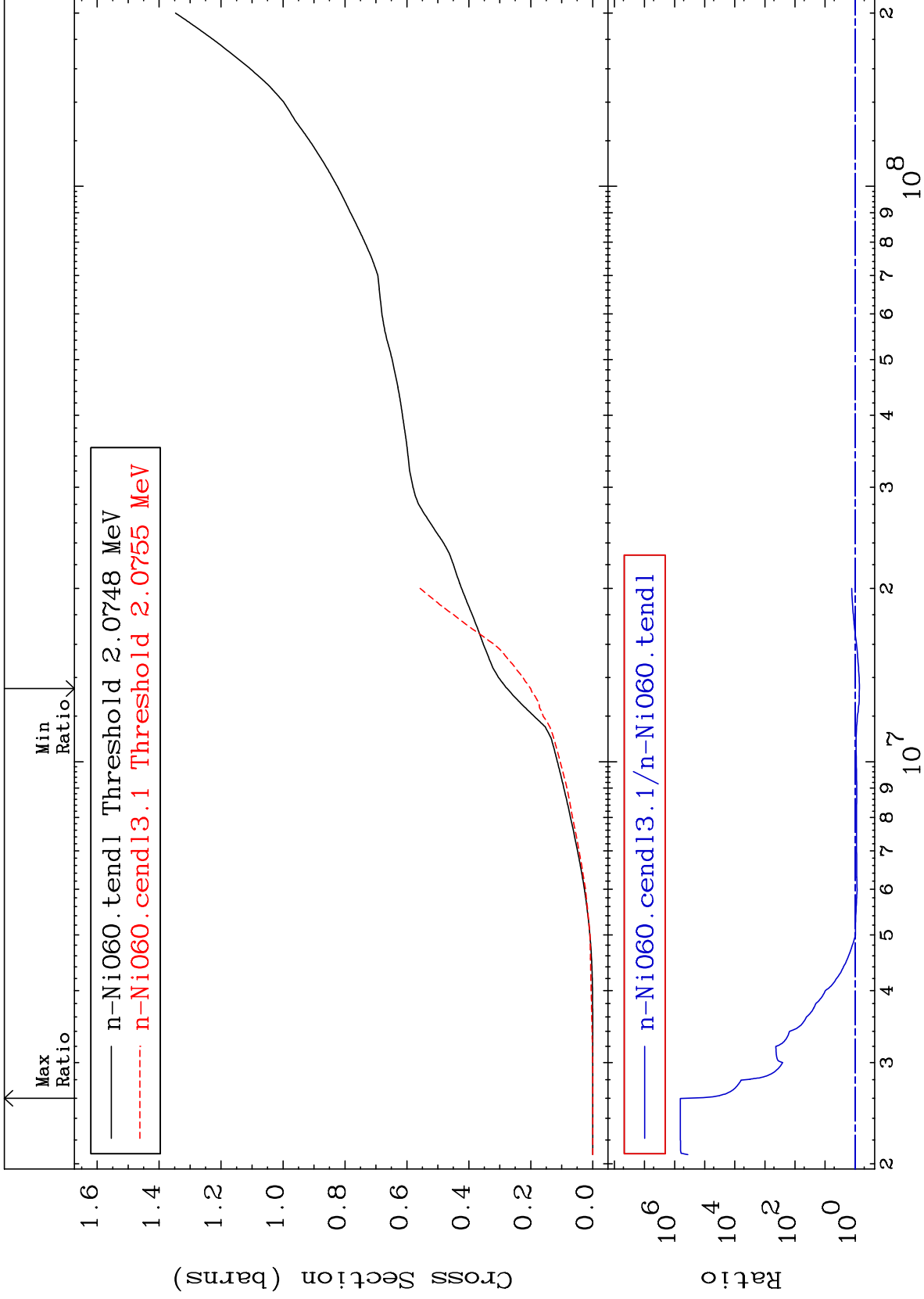


MAT 2831

<sup>28</sup>Ni-60

(n,α)  
Cross Section  
-81.80 To 299.9 %

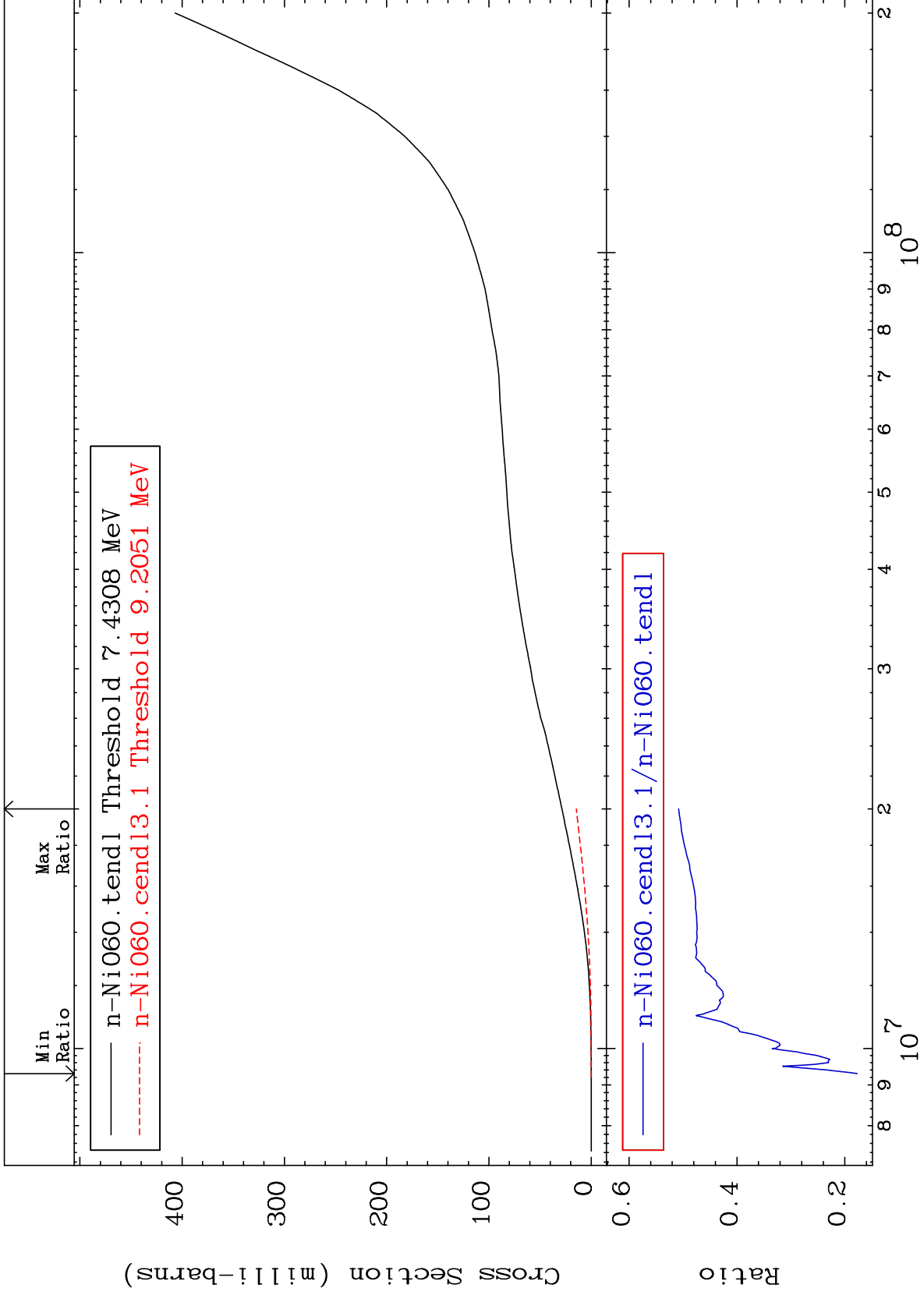




MAT 2831

Deuterium Production  
Cross Section

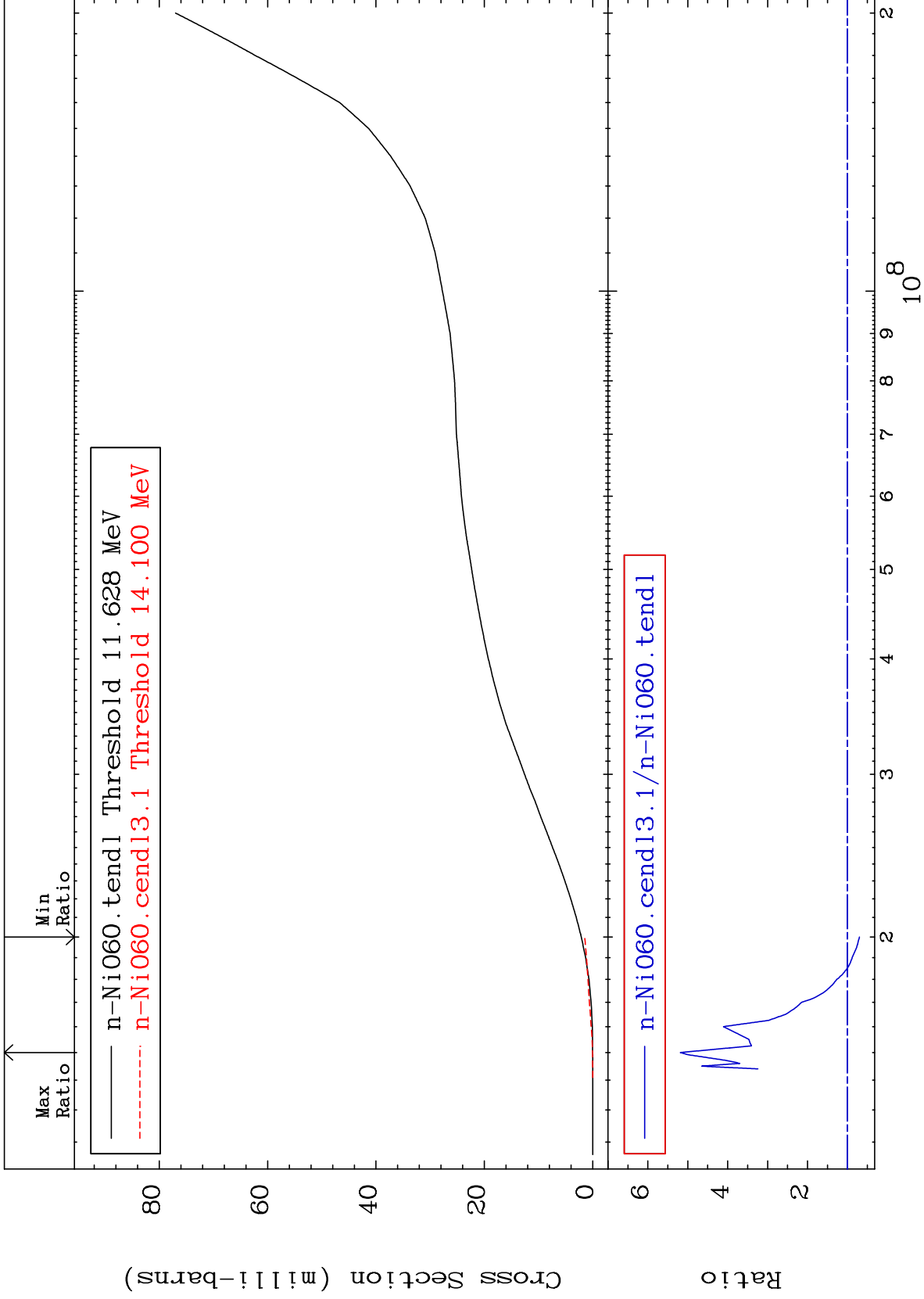
<sup>28</sup>Ni-60  
-82.30 To -49.18%



35

Incident Energy (eV)

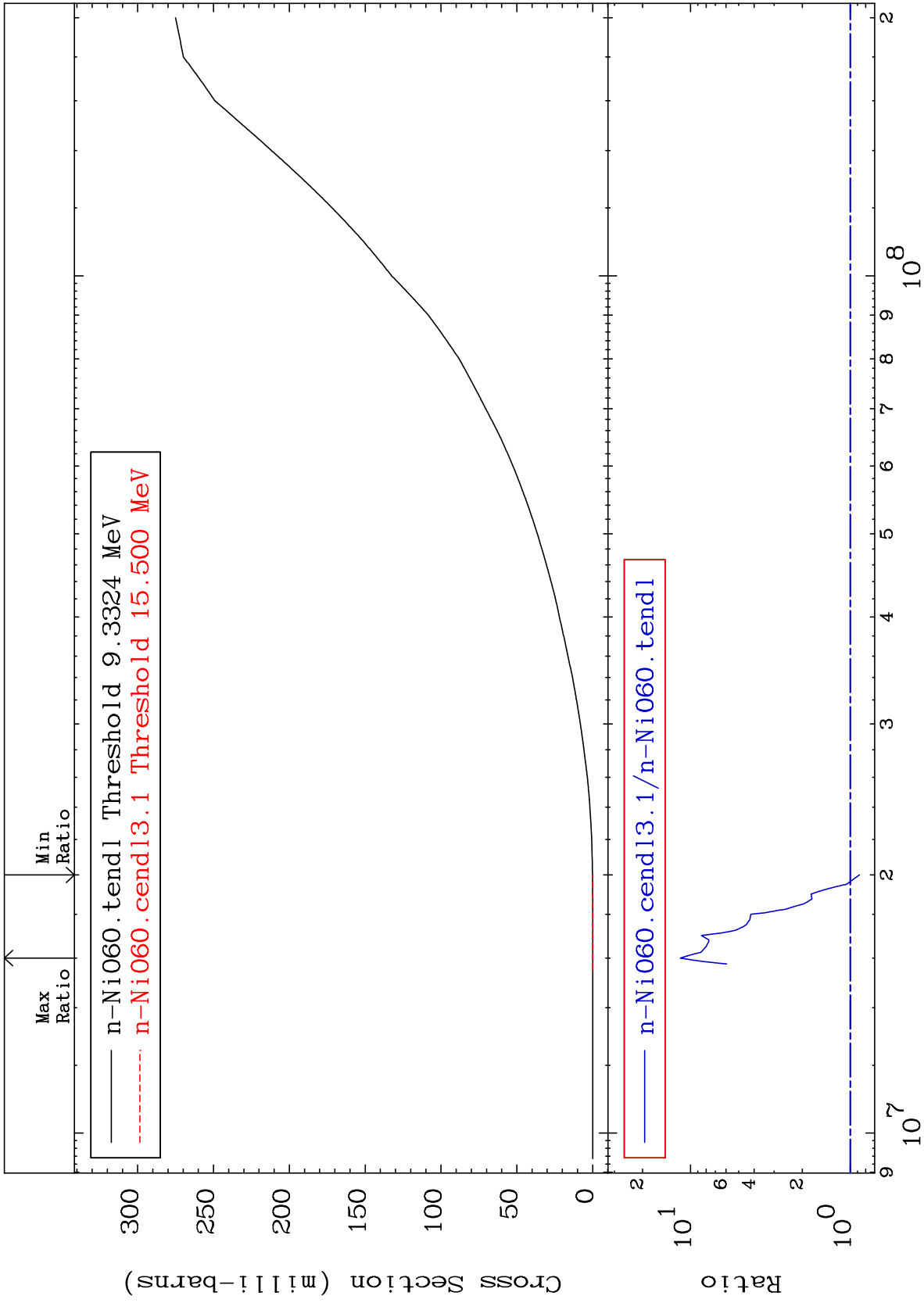
<sup>28</sup>Ni-60



MAT 2831

He-3 Production  
Cross Section

28-Ni-60  
-12.36 To 1059. %



37

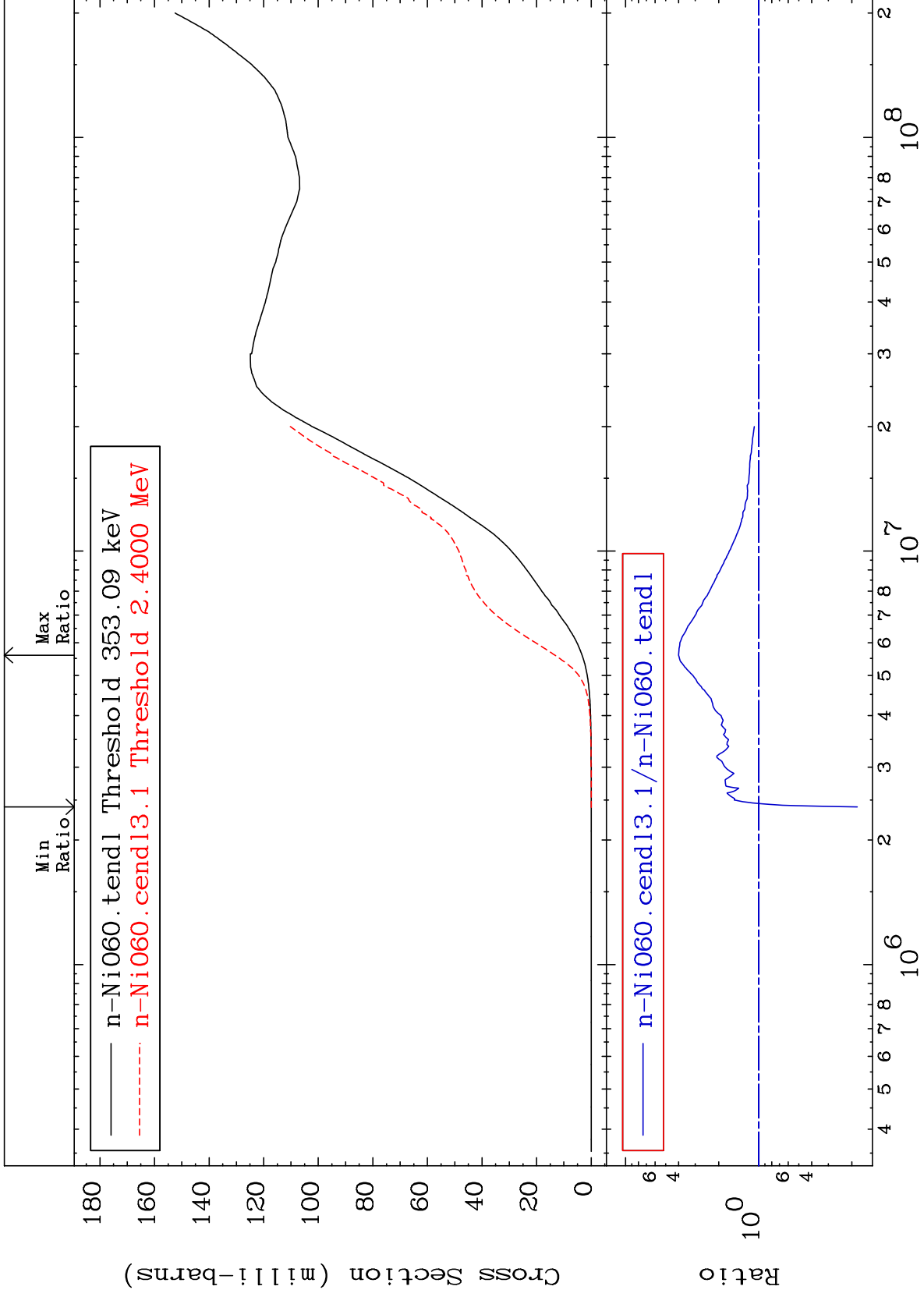
Incident Energy (eV)

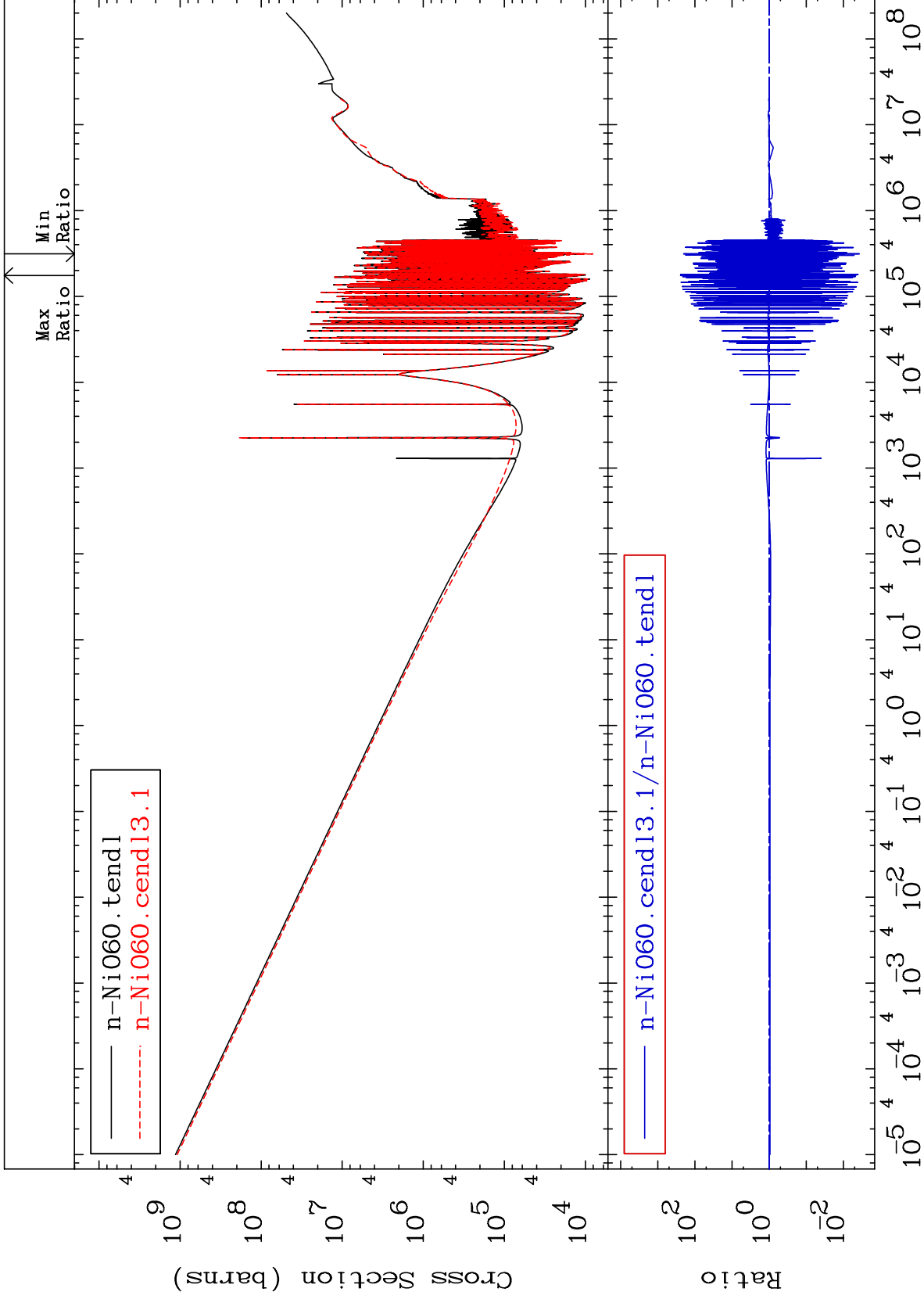
28-Ni-60

MAT 2831

He-4 Production  
Cross Section

28-Ni-60  
-81.80 To 299.9 %

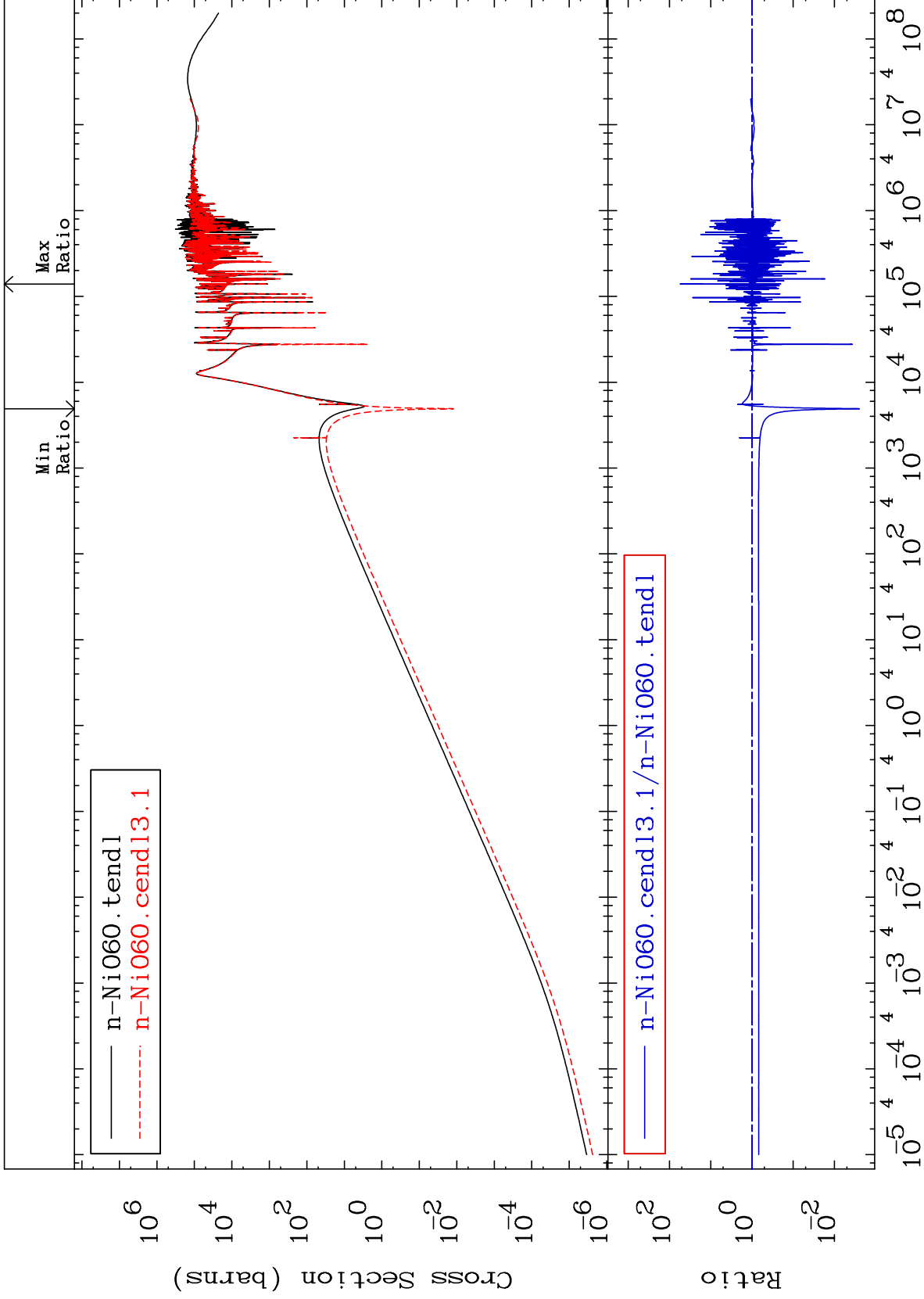




MAT 2831

Kerma elastic  
Cross Section

28-Ni-60  
-99.75 To 5330. %

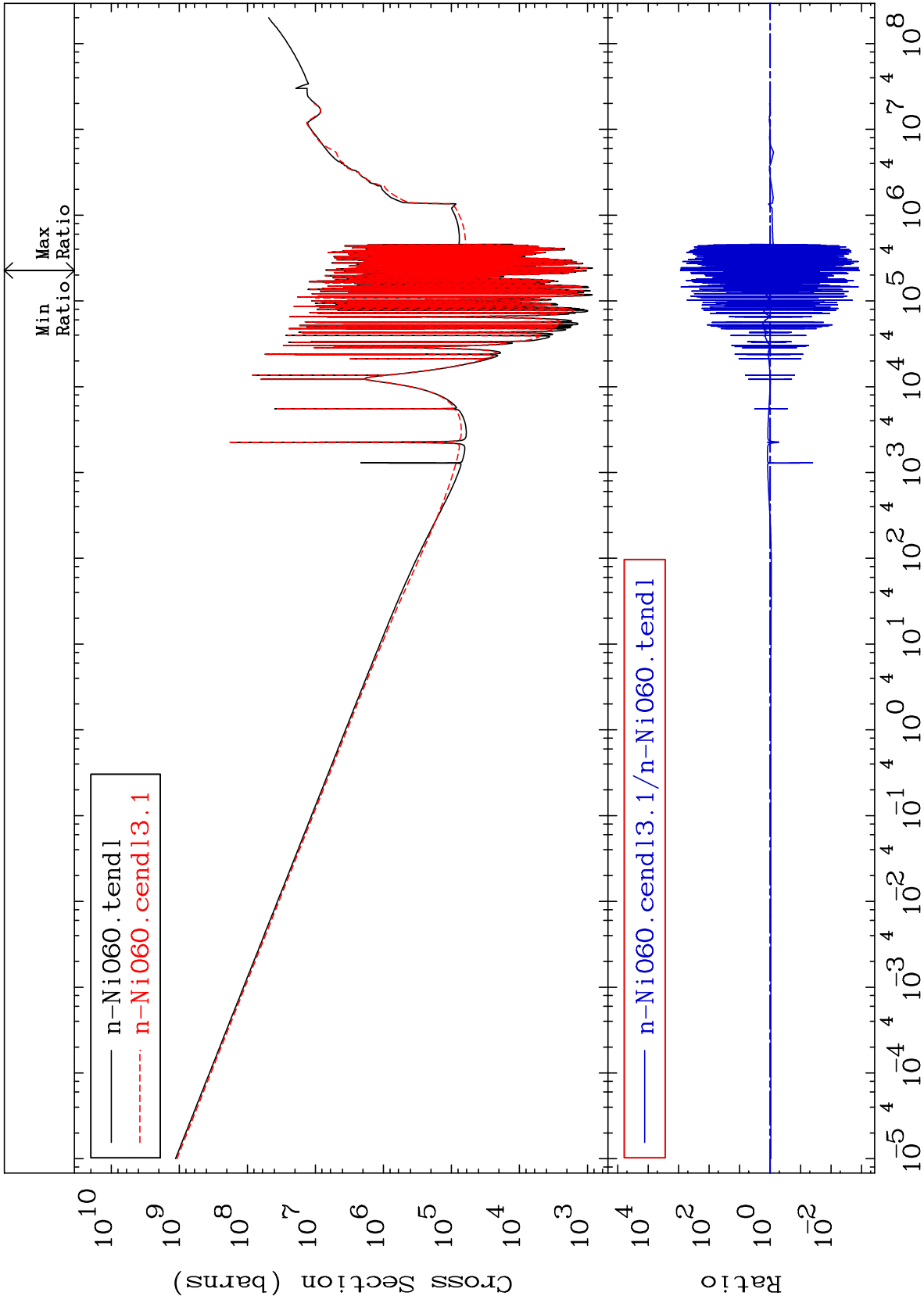


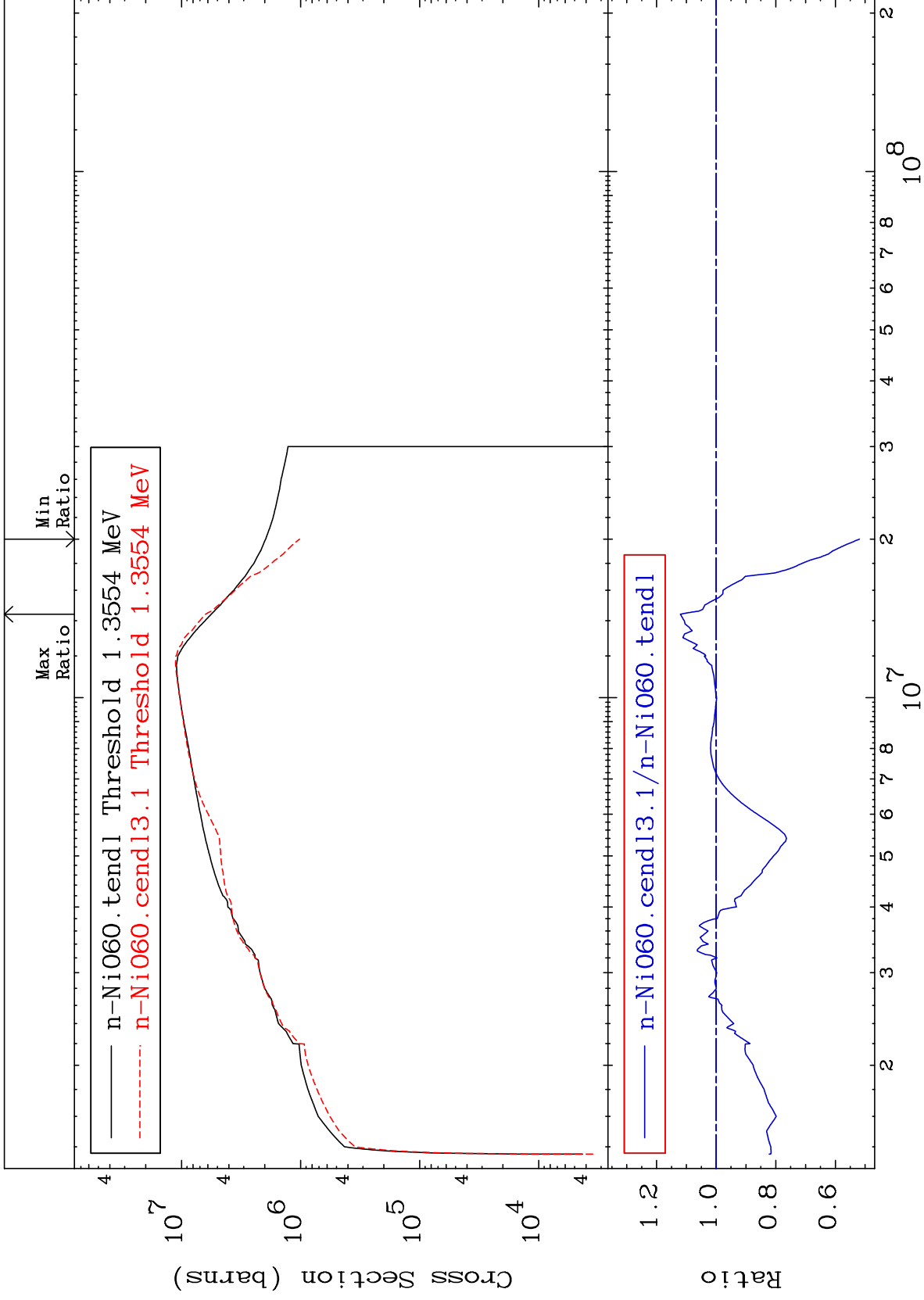
40

Incident Energy (eV)

28-Ni-60



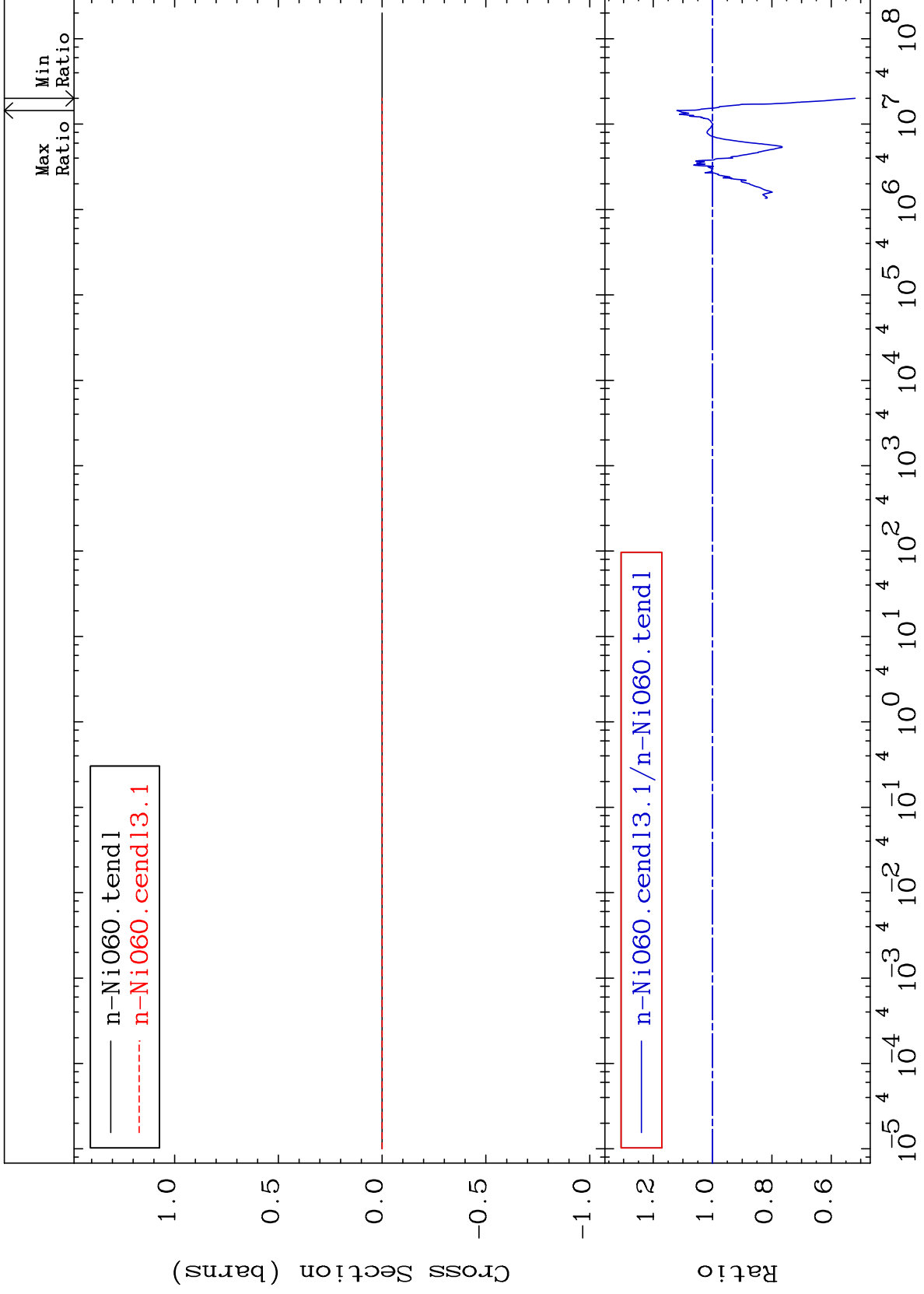


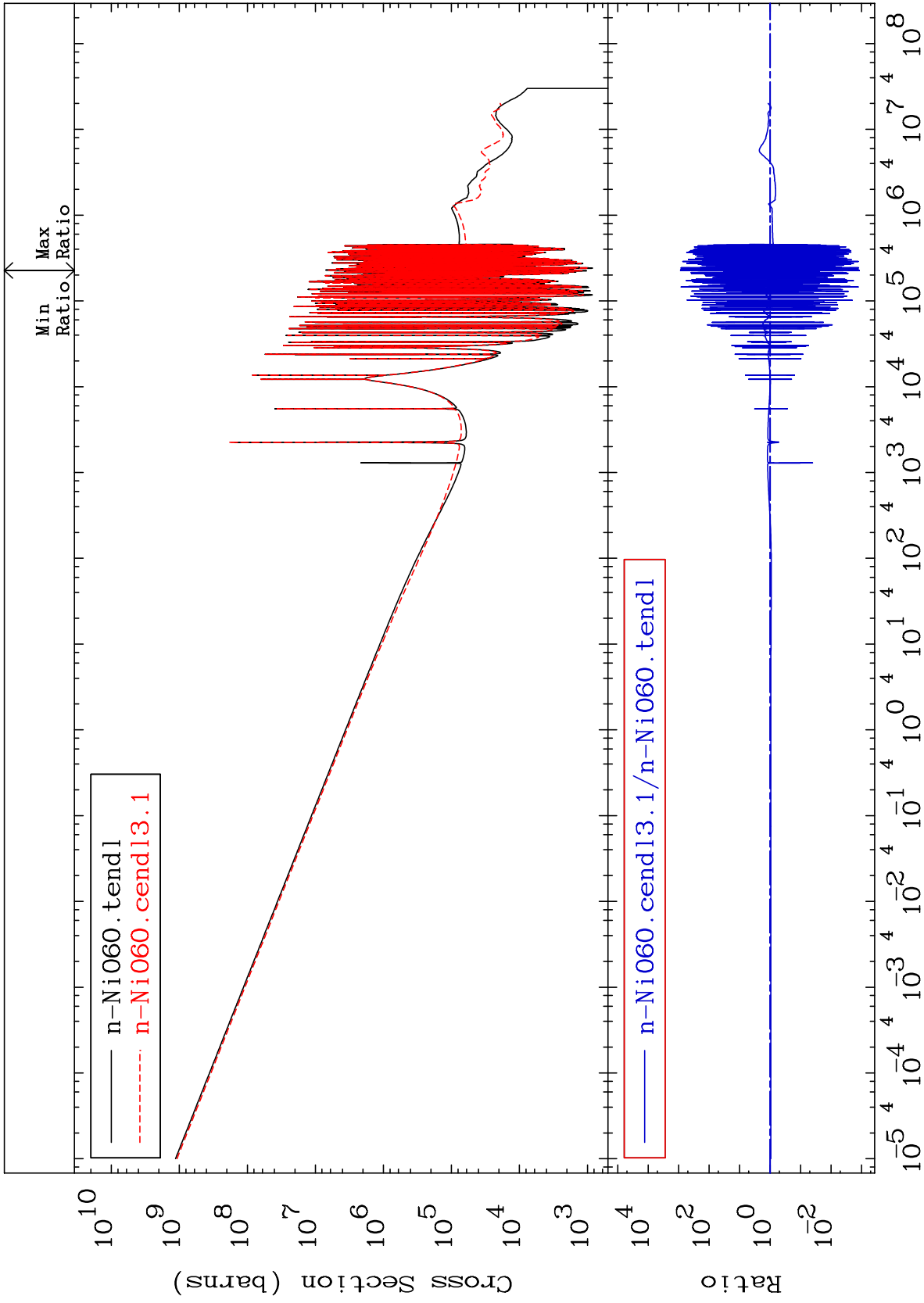


MAT 2831

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

28-Ni-60  
-48.08 To 12.02 %

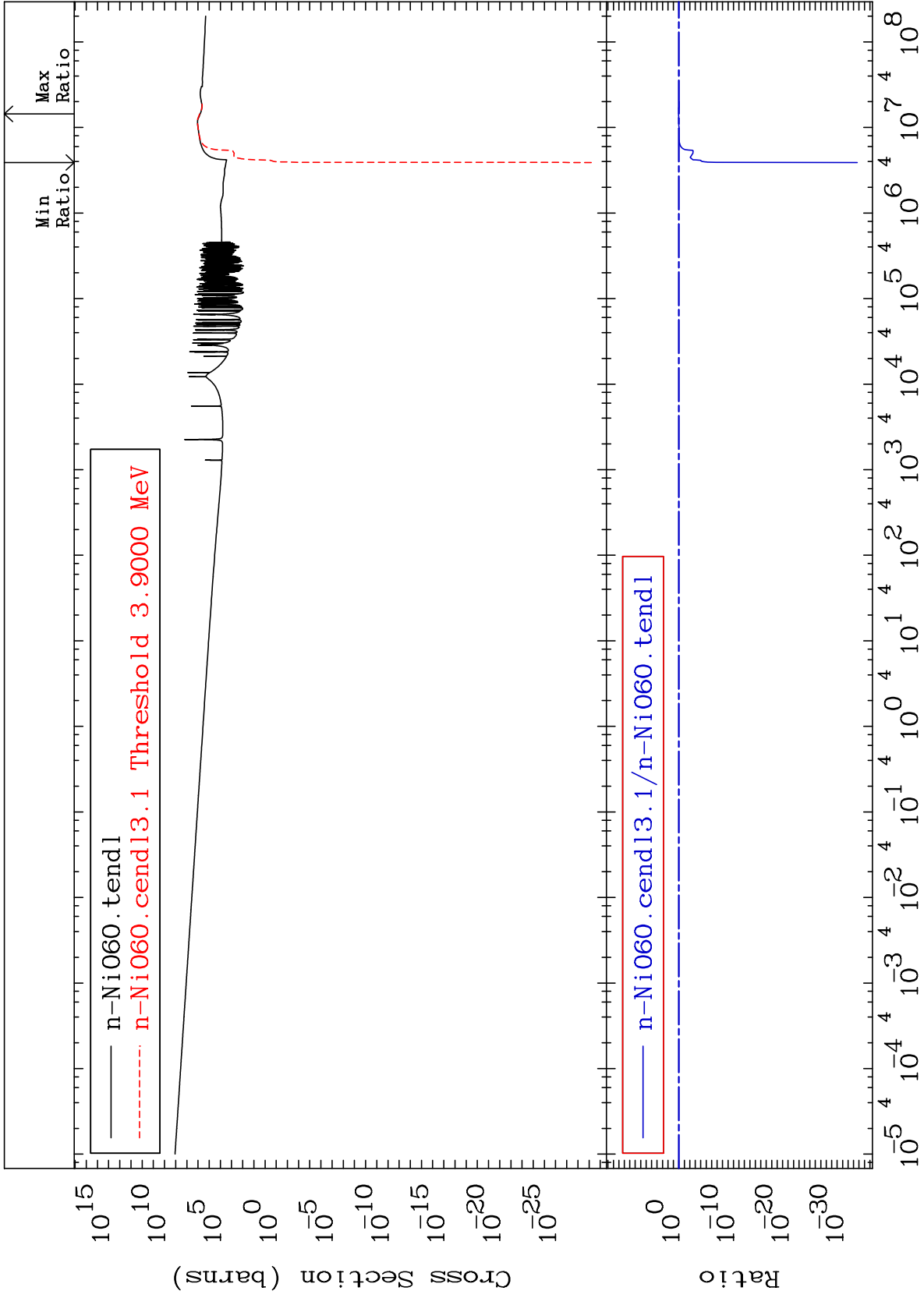


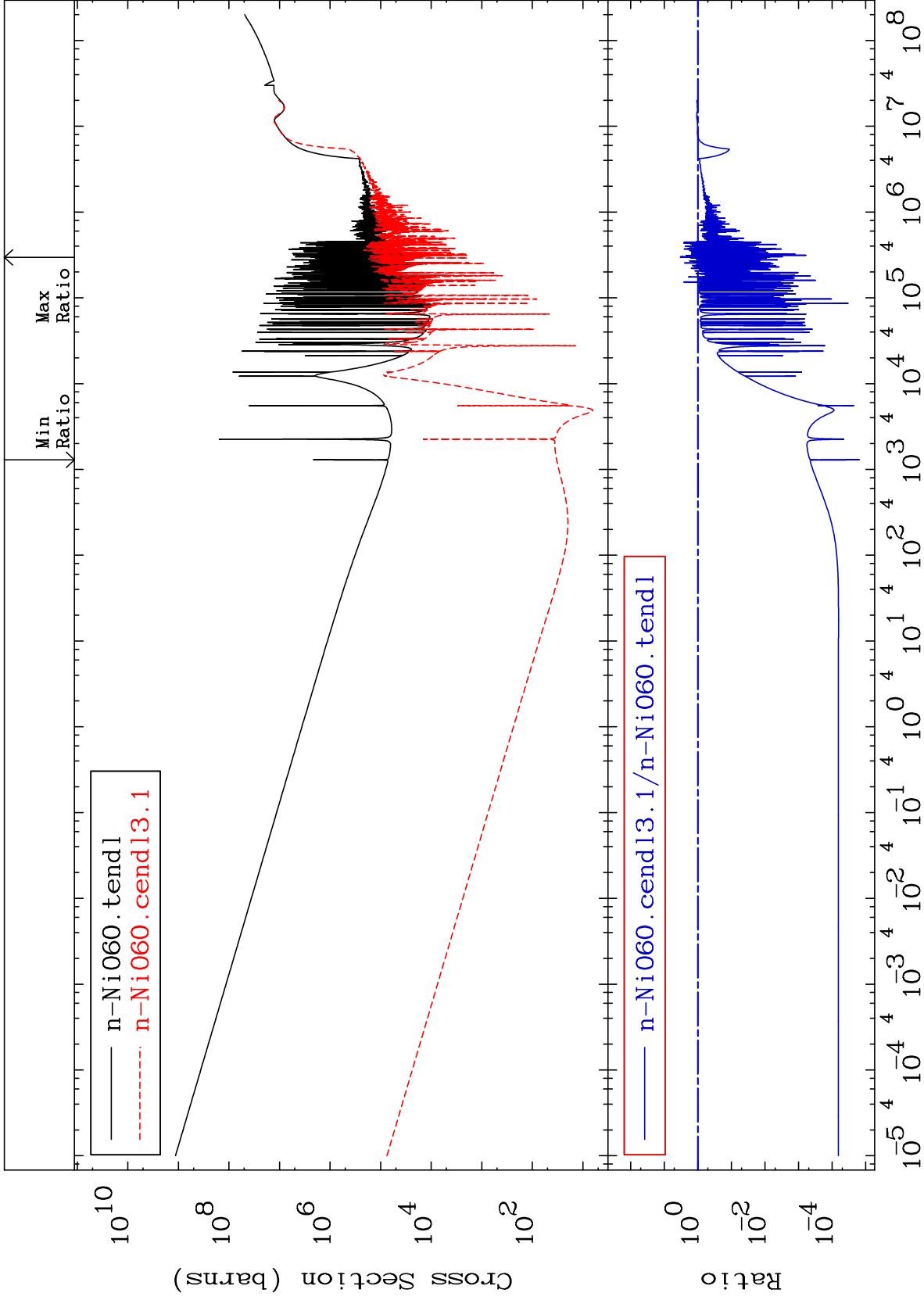


MAT 2831

Total photon (eV-barns)  
Cross Section

28-Ni-60  
-100.0 To 11.10 %

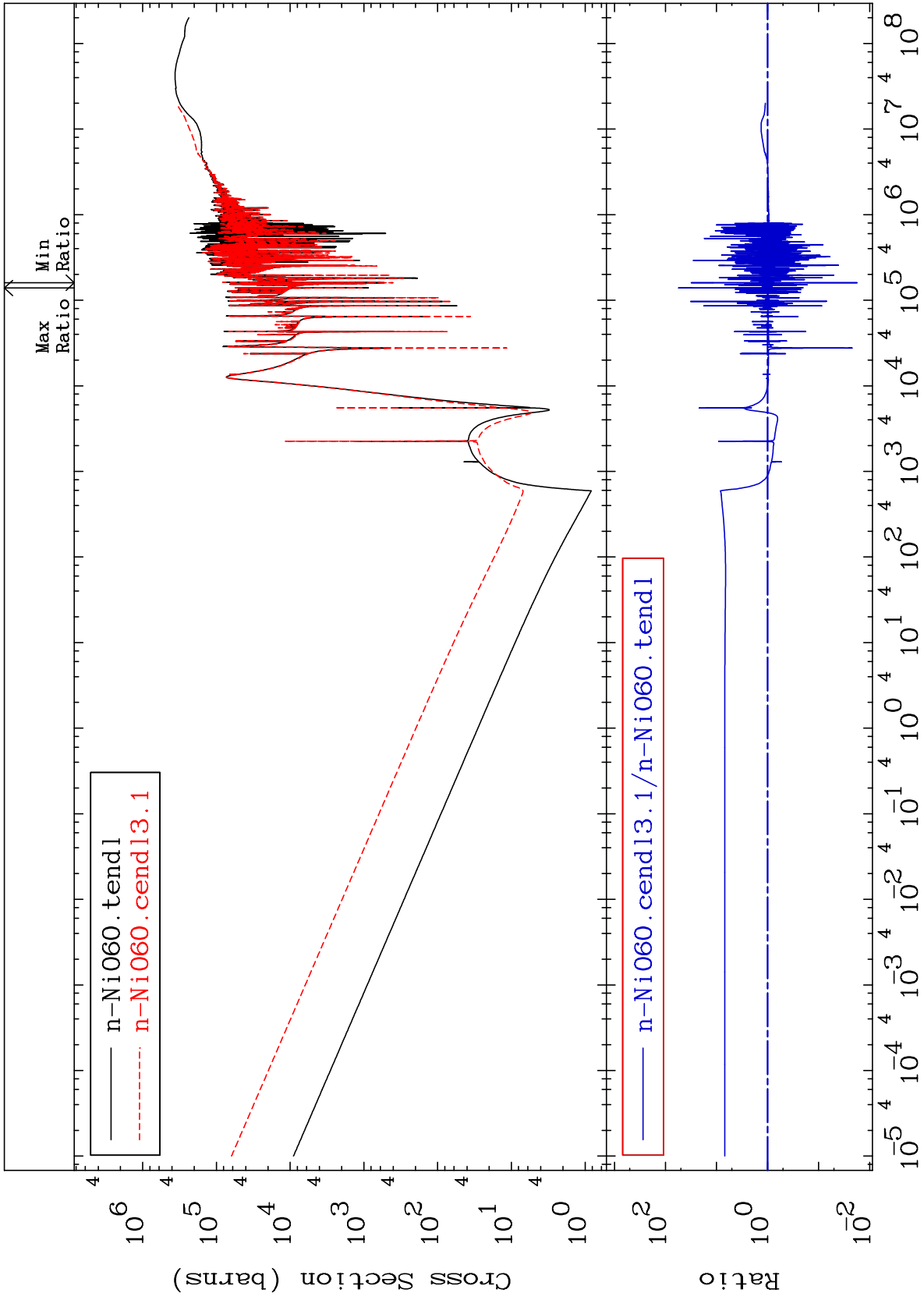




MAT 2831

Dpa total (eV-barns)  
Cross Section

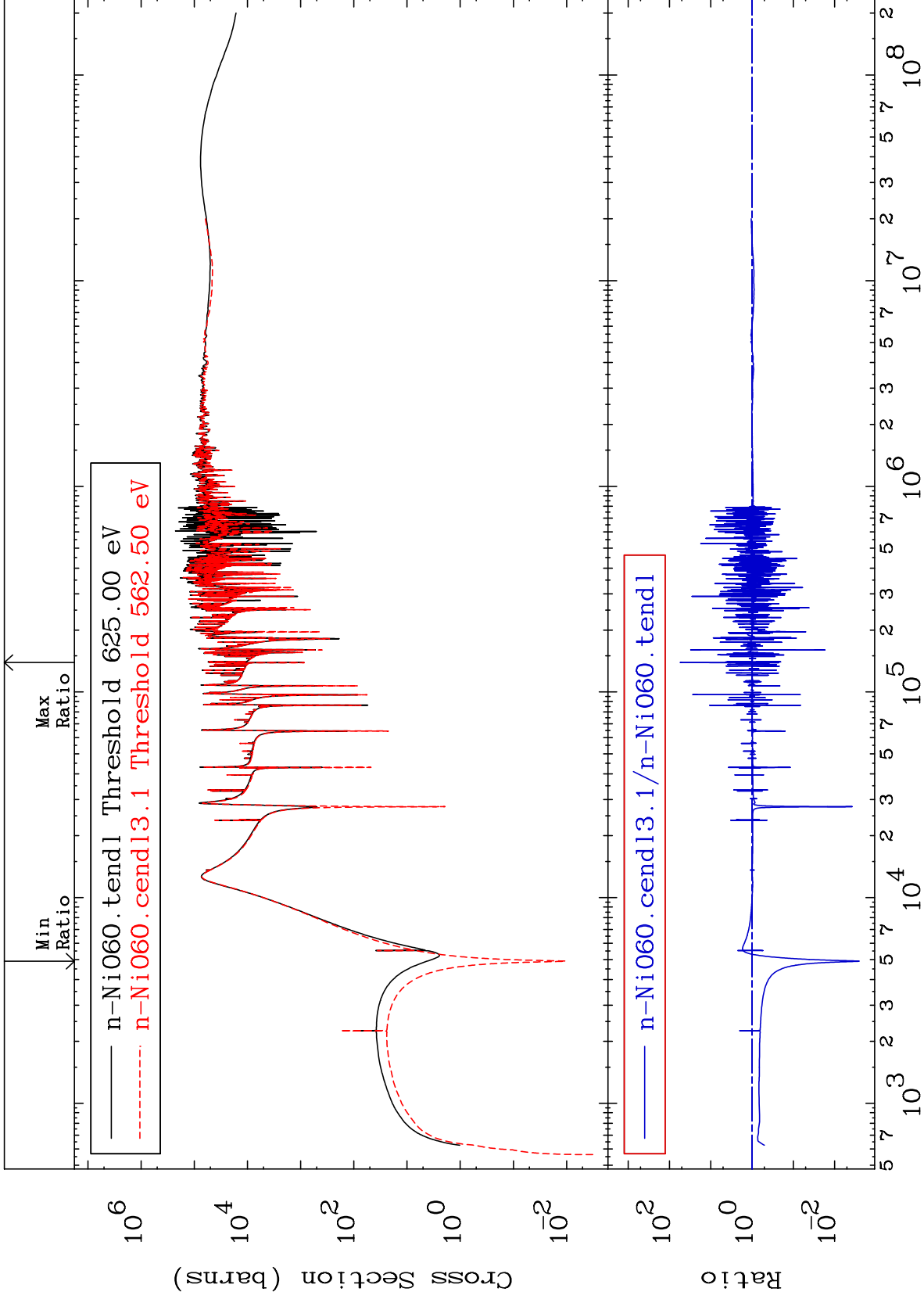
28-Ni-60  
-98.25 To 5426. %



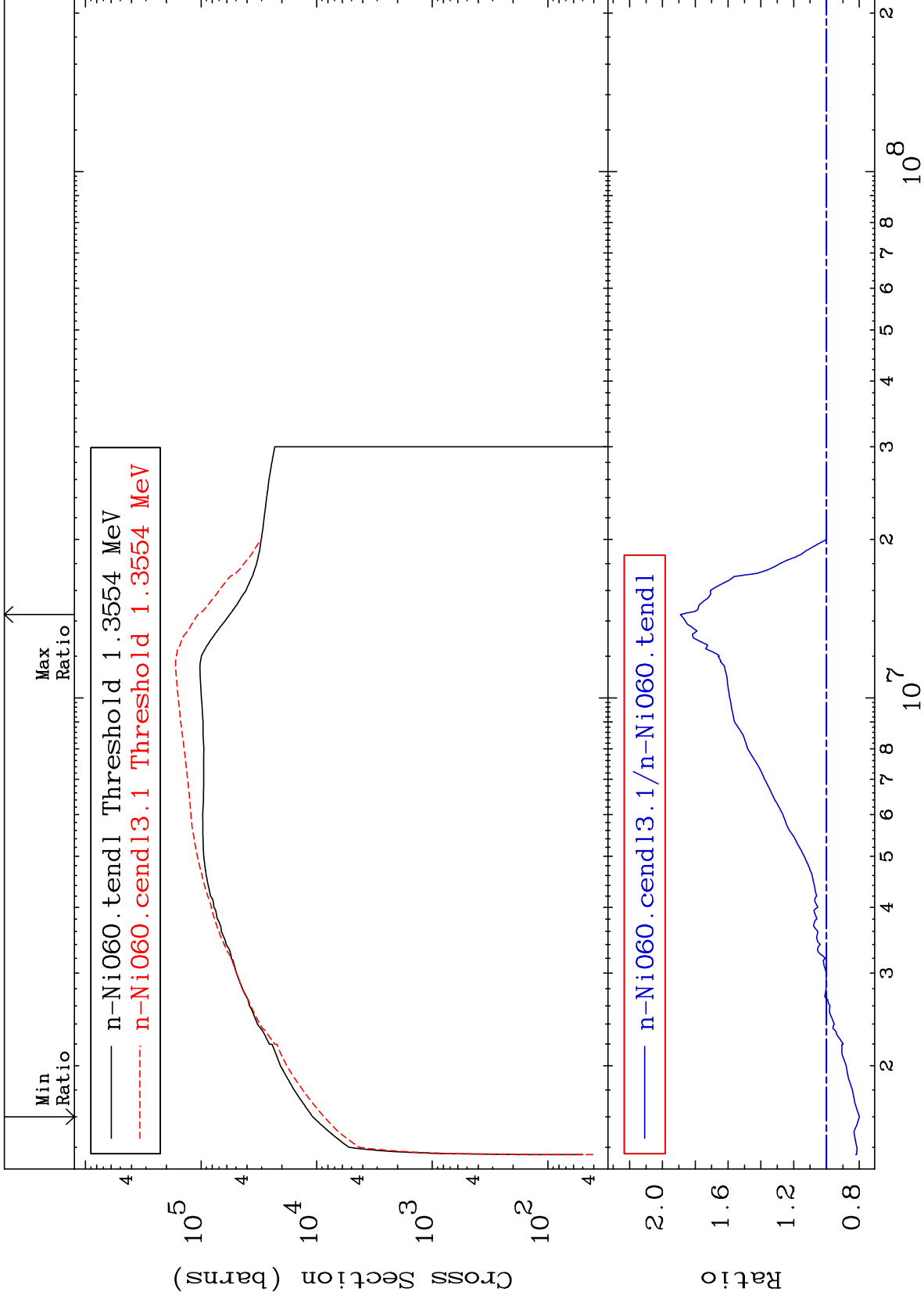
MAT 2831

Dpa elastic (mt2)  
Cross Section

28-Ni-60  
-99.75 To 5333. %







MAT 2831

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-60  
-94.94 To 9999. %

