

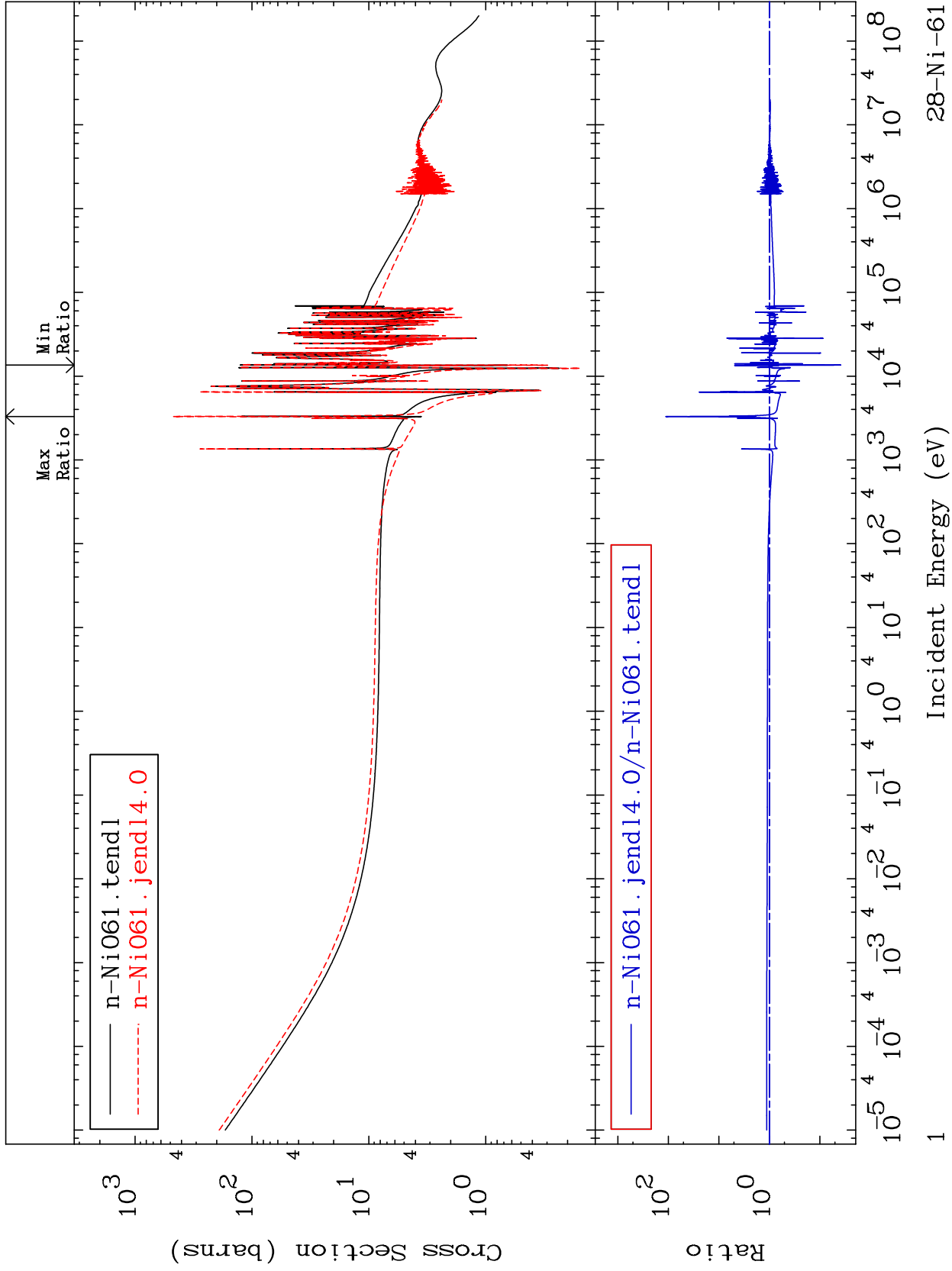
MAT 2834

Total

Cross Section

28-Ni-61

-96.17 To 9999. %

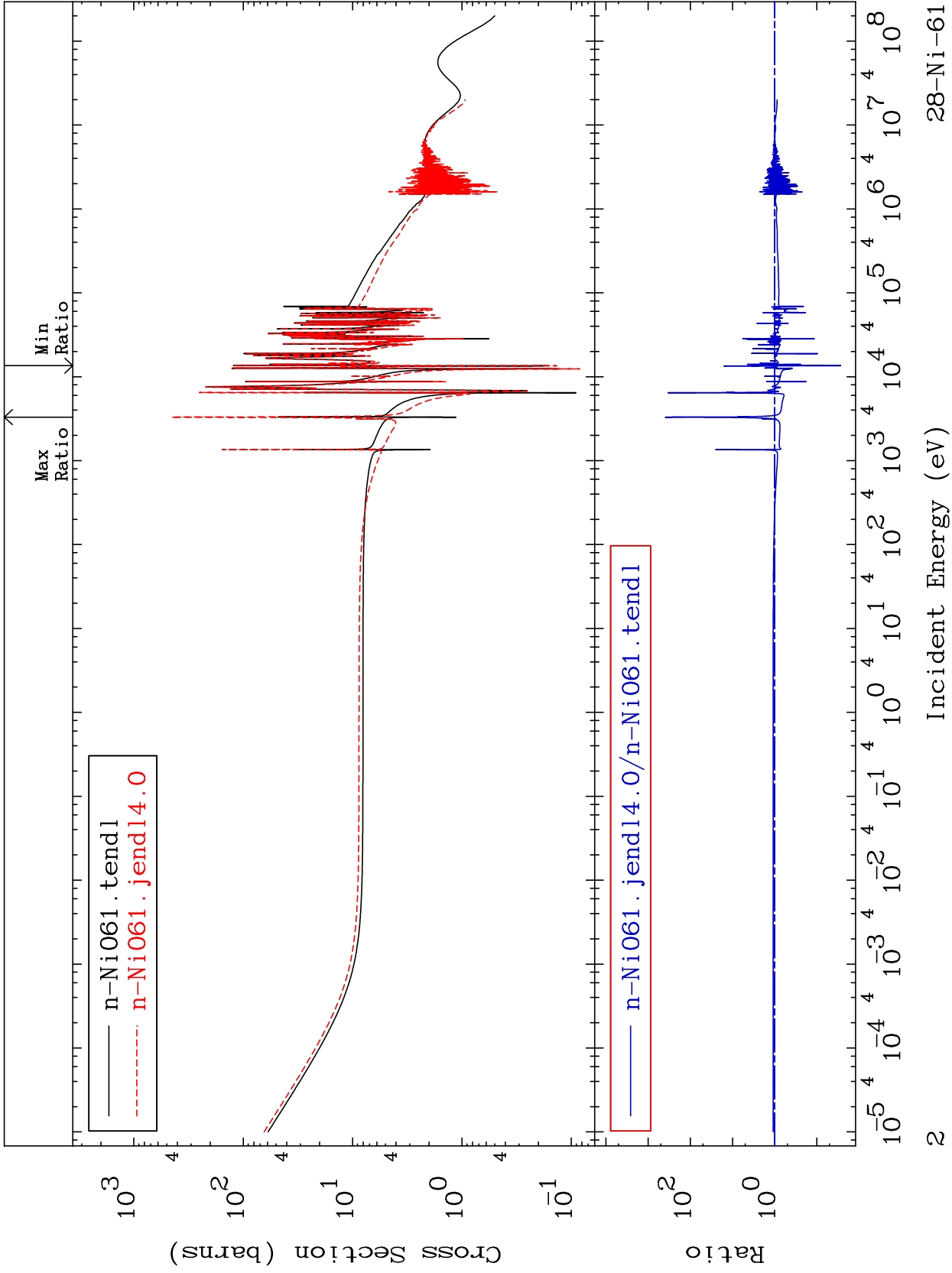


28-Ni-61

MAT 2834

Elastic
Cross Section

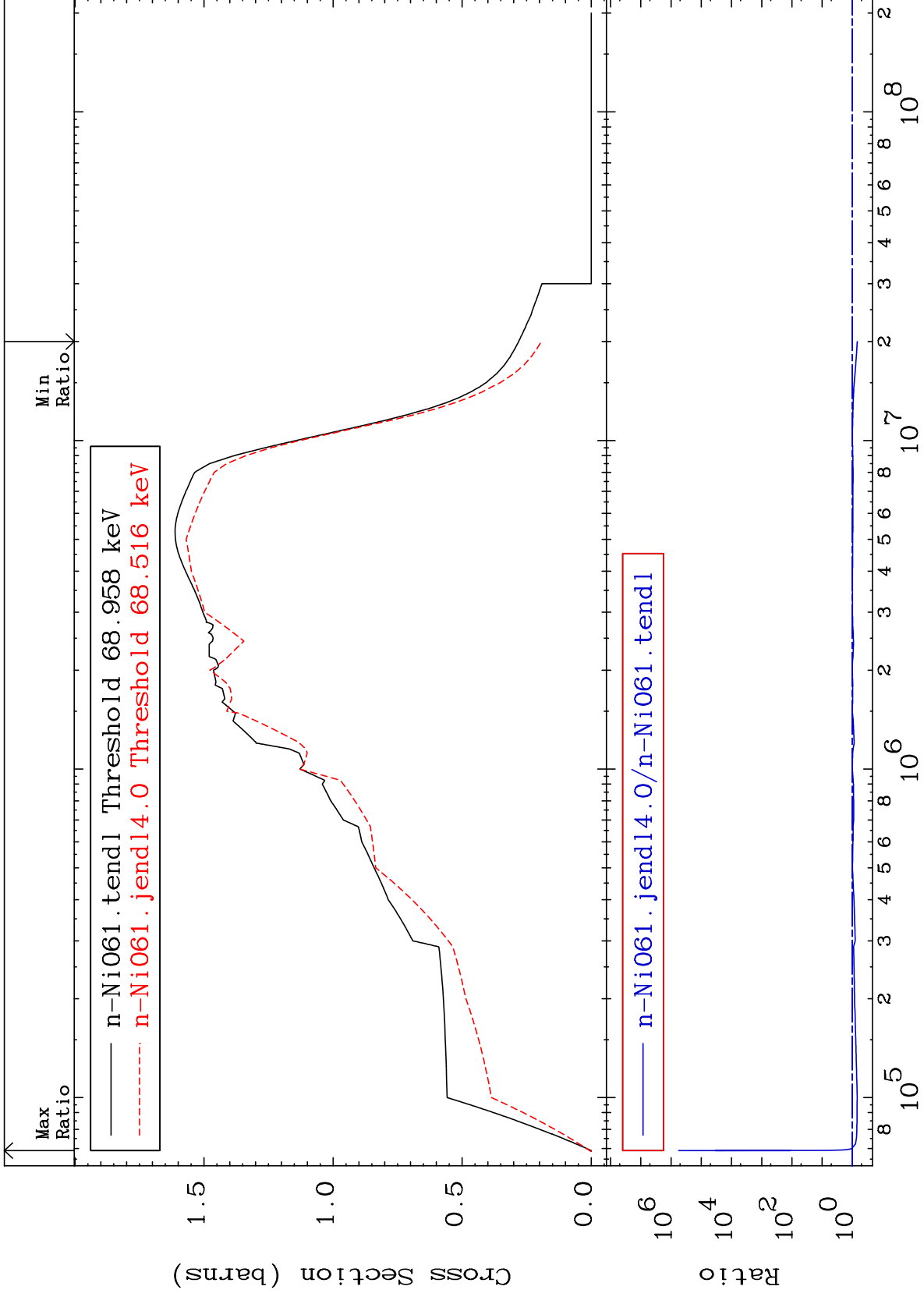
28-Ni-61
-97.28 To 9999. %



MAT 2834

Inelastic
Cross Section

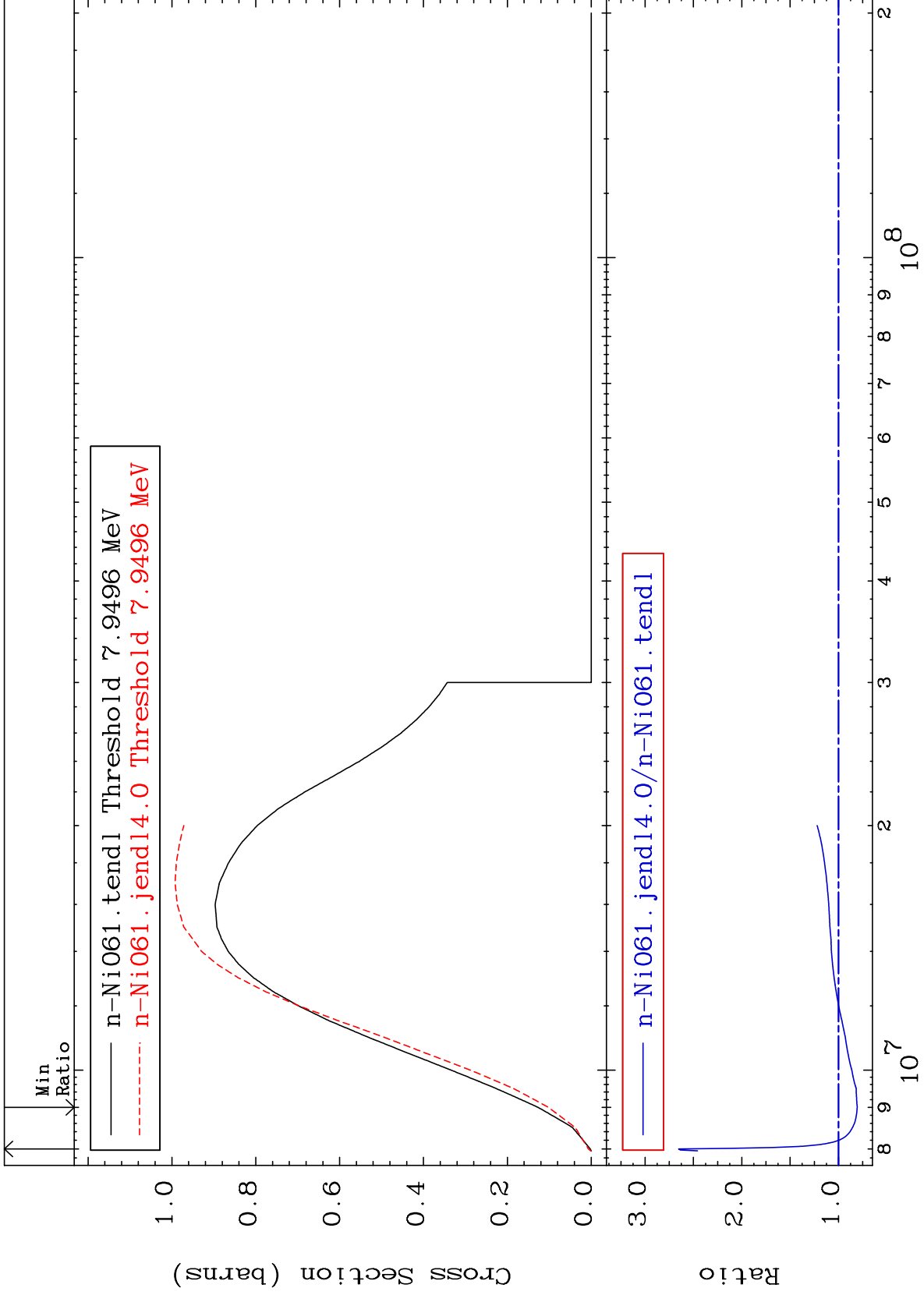
28-Ni-61
-31.17 To 9999. %



MAT 2834

(n,2n)
Cross Section

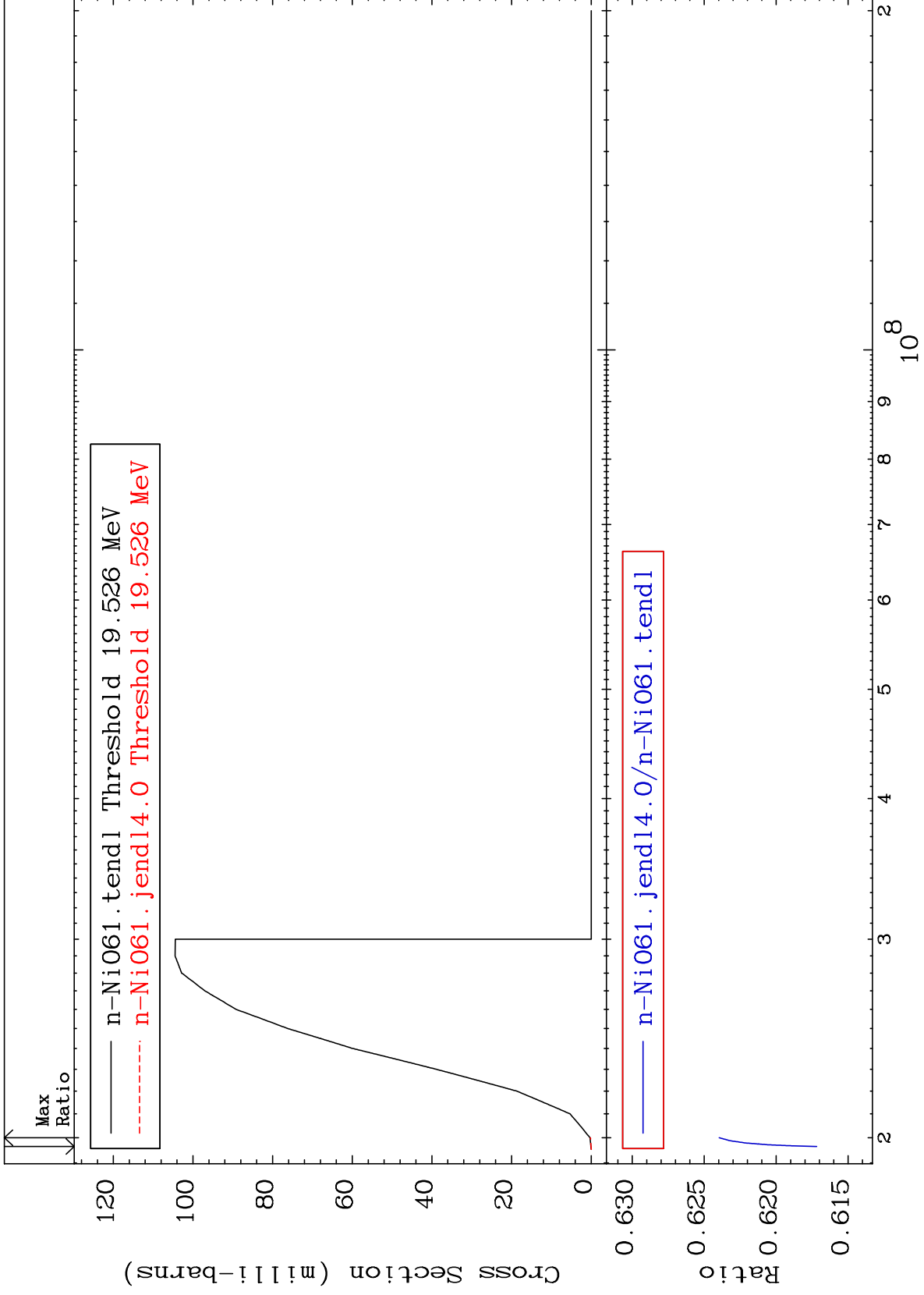
28-Ni-61
-19.41 To 165.3 %



4

28-Ni-61

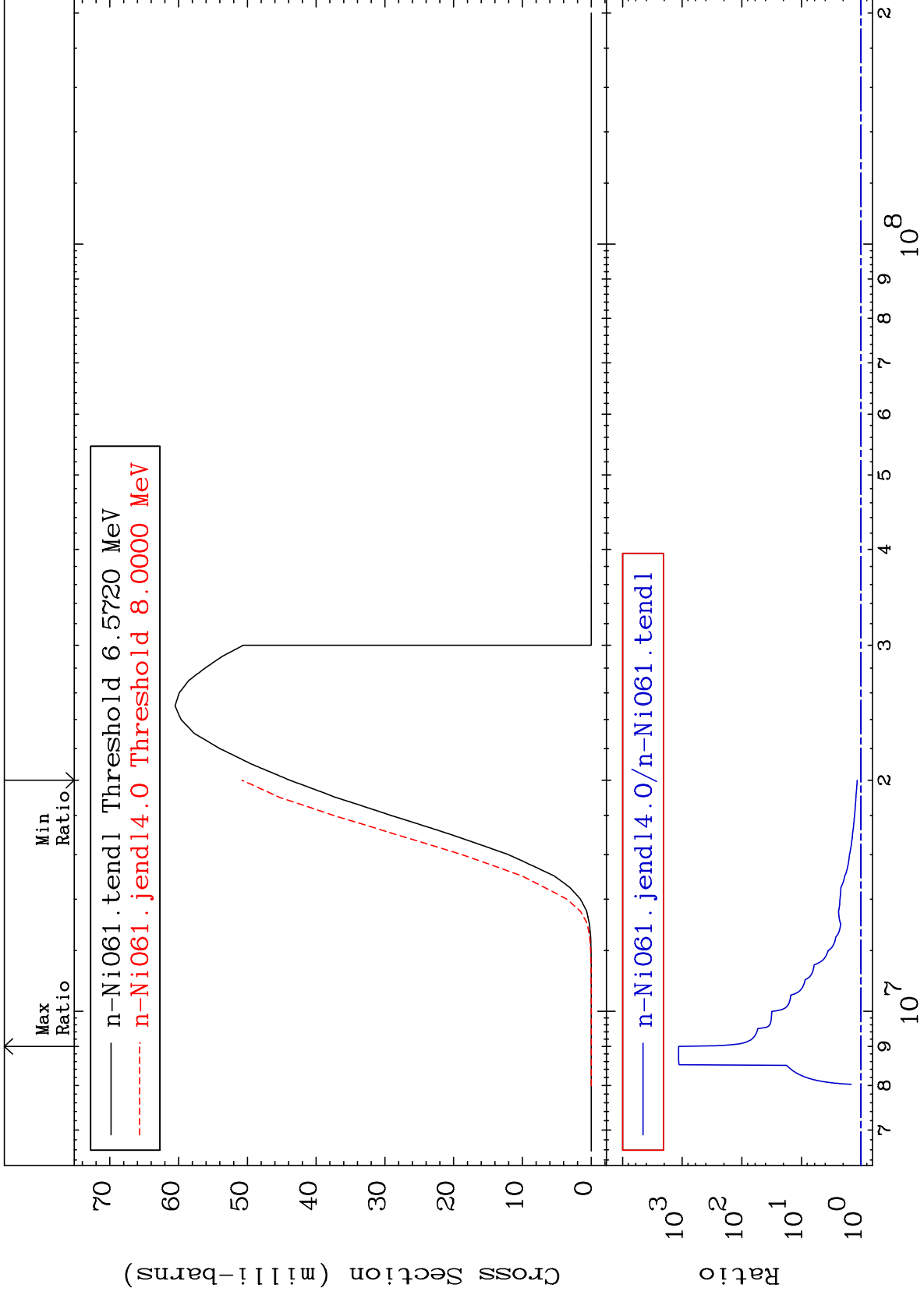
28-Ni-61



MAT 2834

(n,n') α
Cross Section

28-Ni-61
15.90 To 9999. %



6

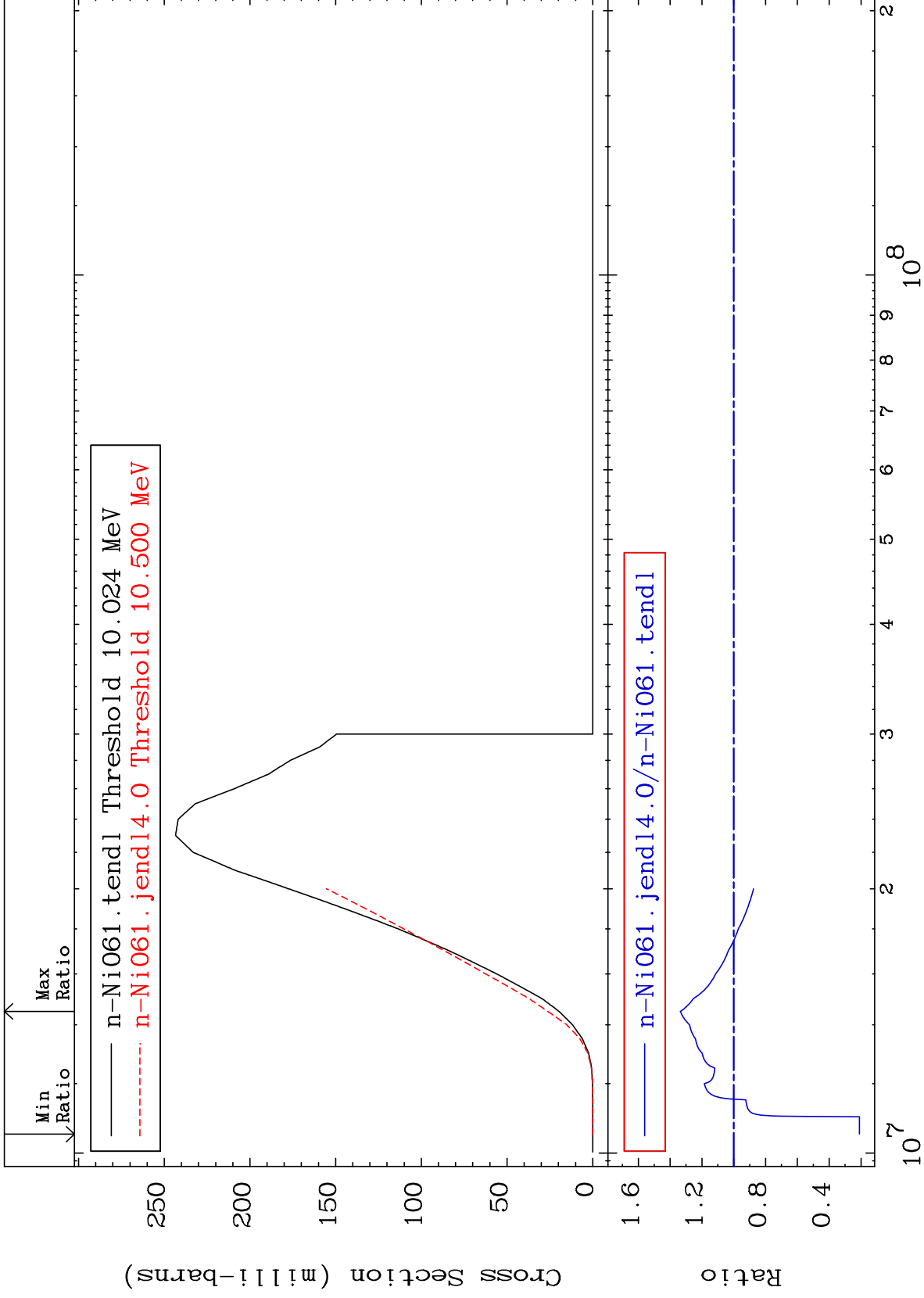
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,n') p
Cross Section

28-Ni-61
-79.02 To 33.56 %



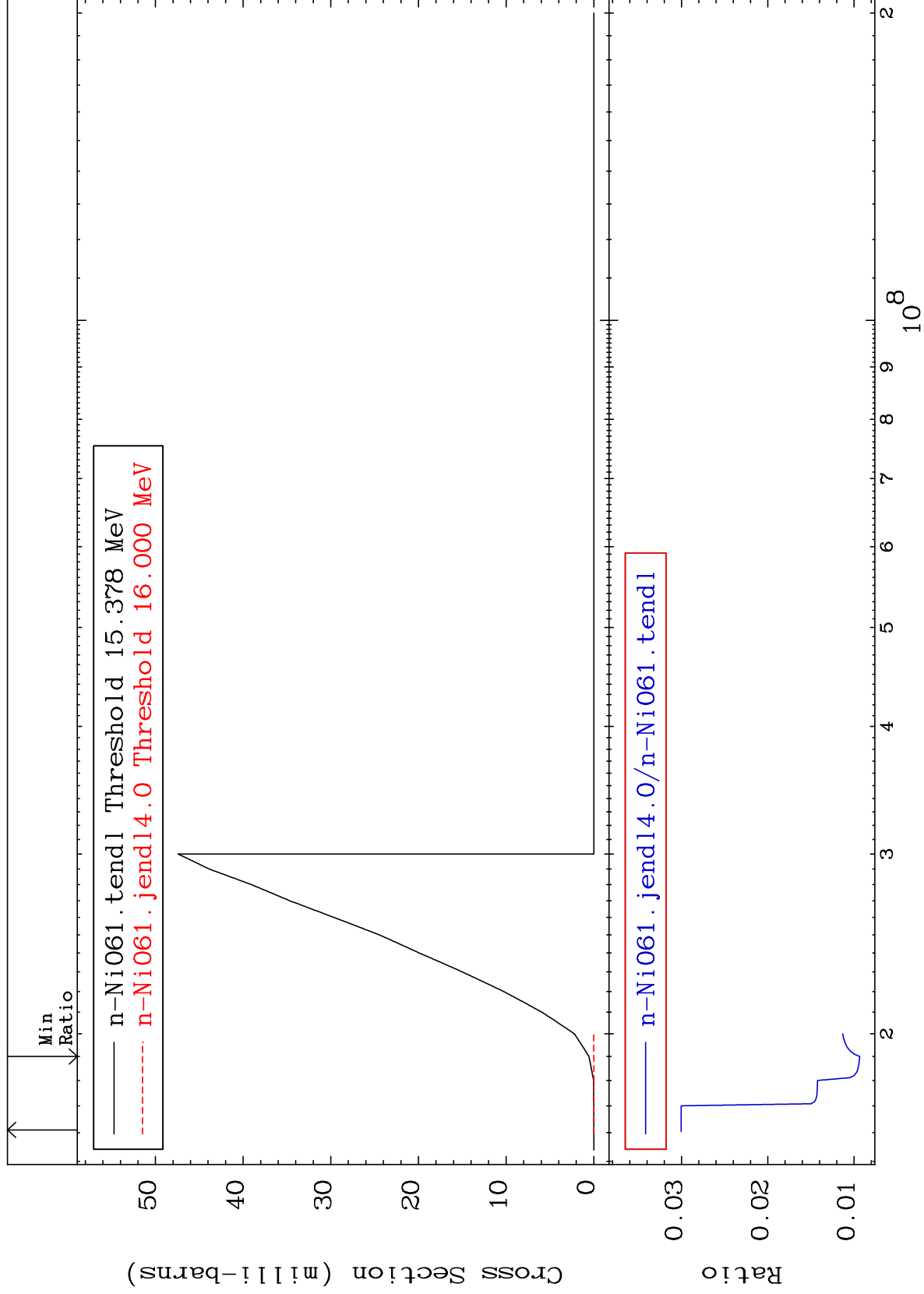
28-Ni-61

28-Ni-61

MAT 2834

(n,n') d
Cross Section

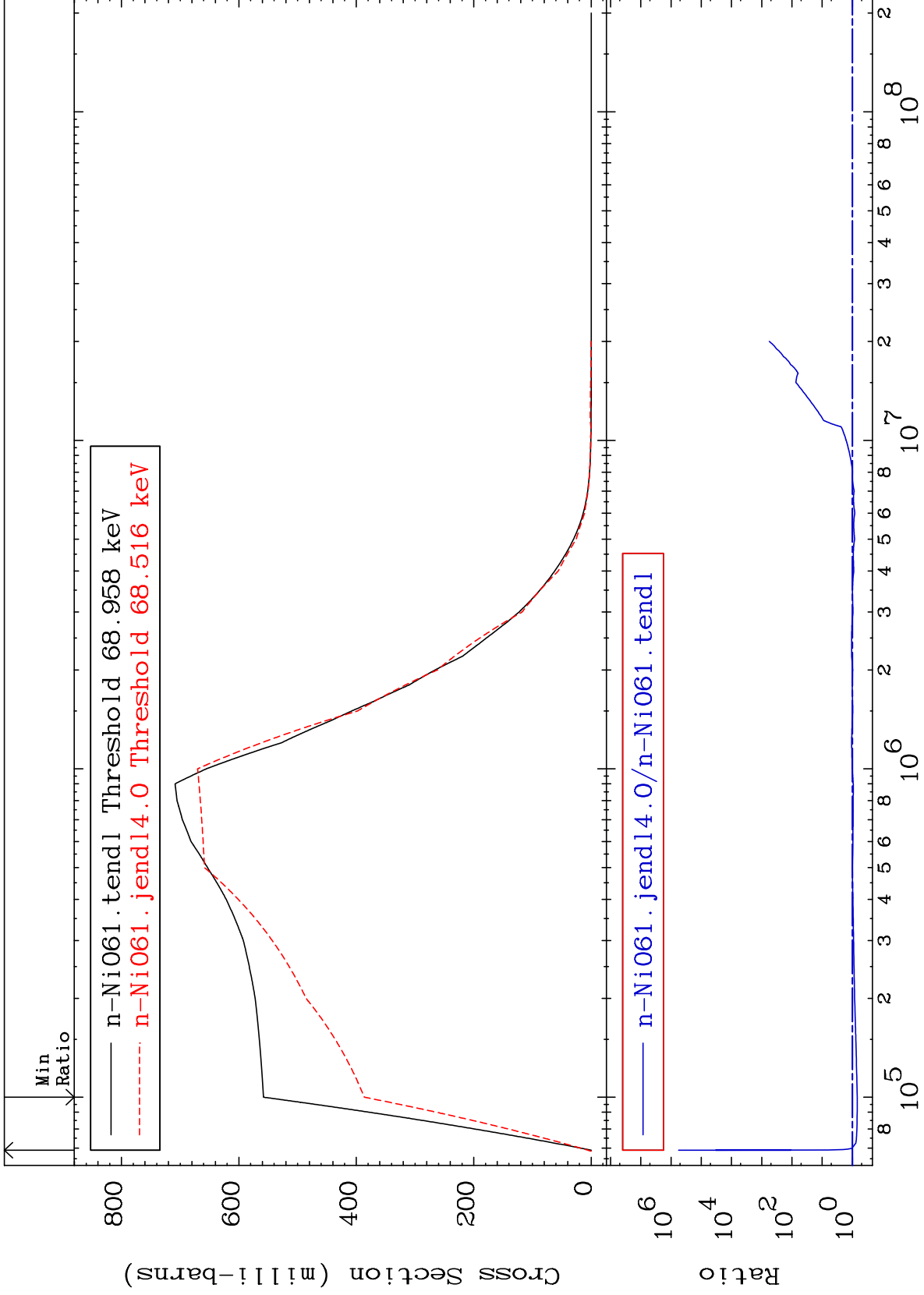
28-Ni-61
-99.07 To -97.00%



MAT 2834

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

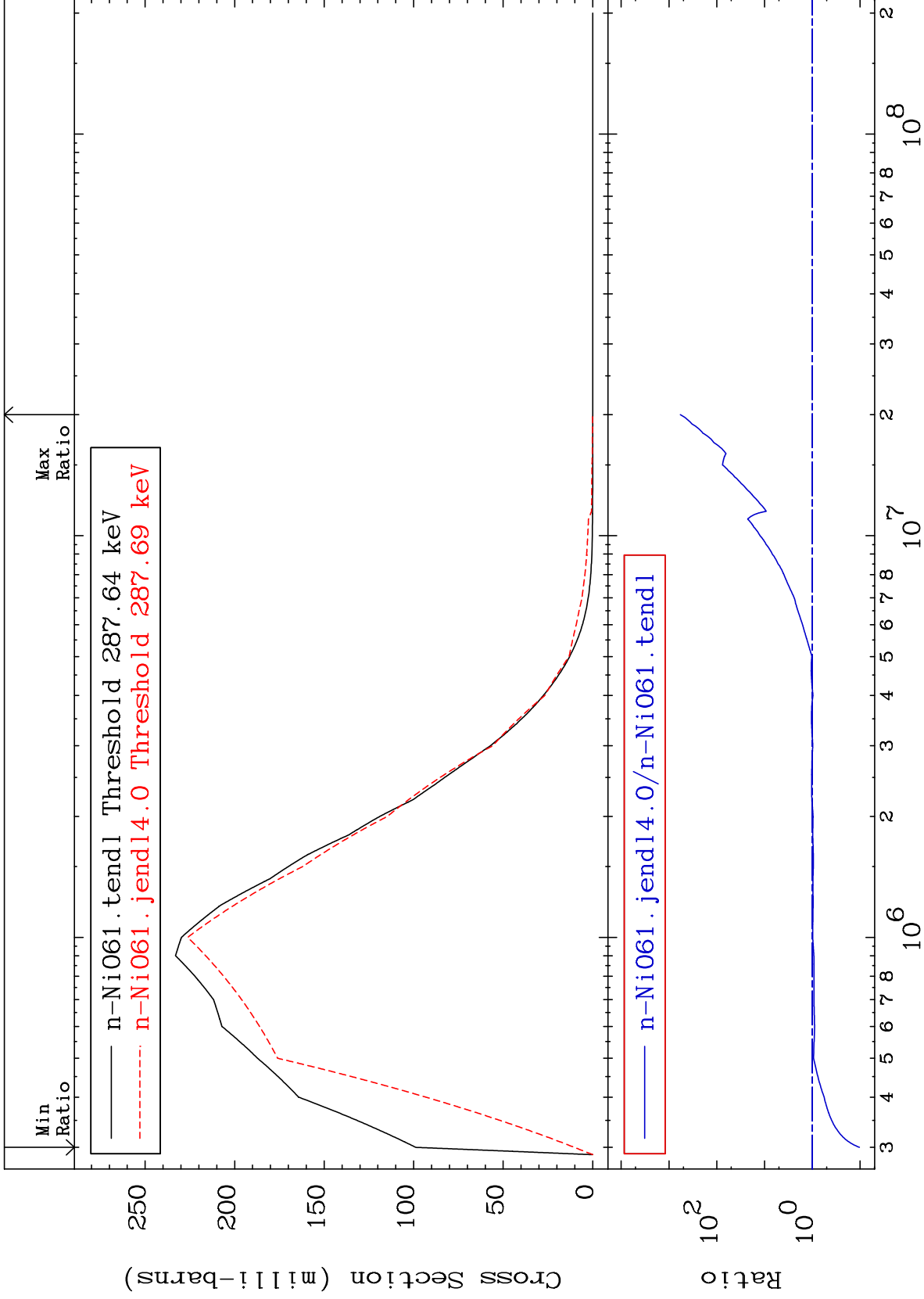
28-Ni-61
-30.76 To 9999. %



MAT 2834

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

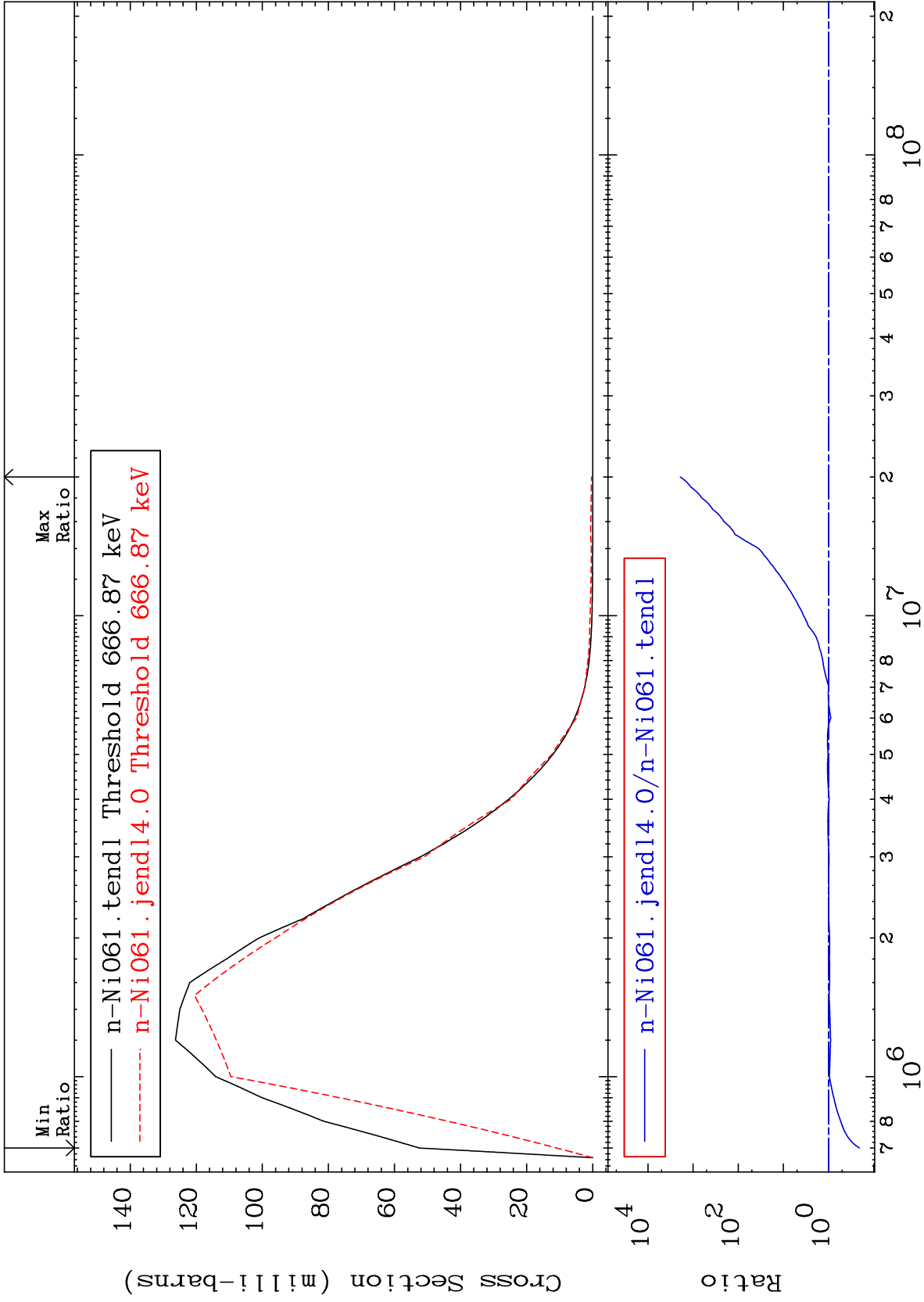
28-Ni-61
-89.67 To 9999. %



MAT 2834

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

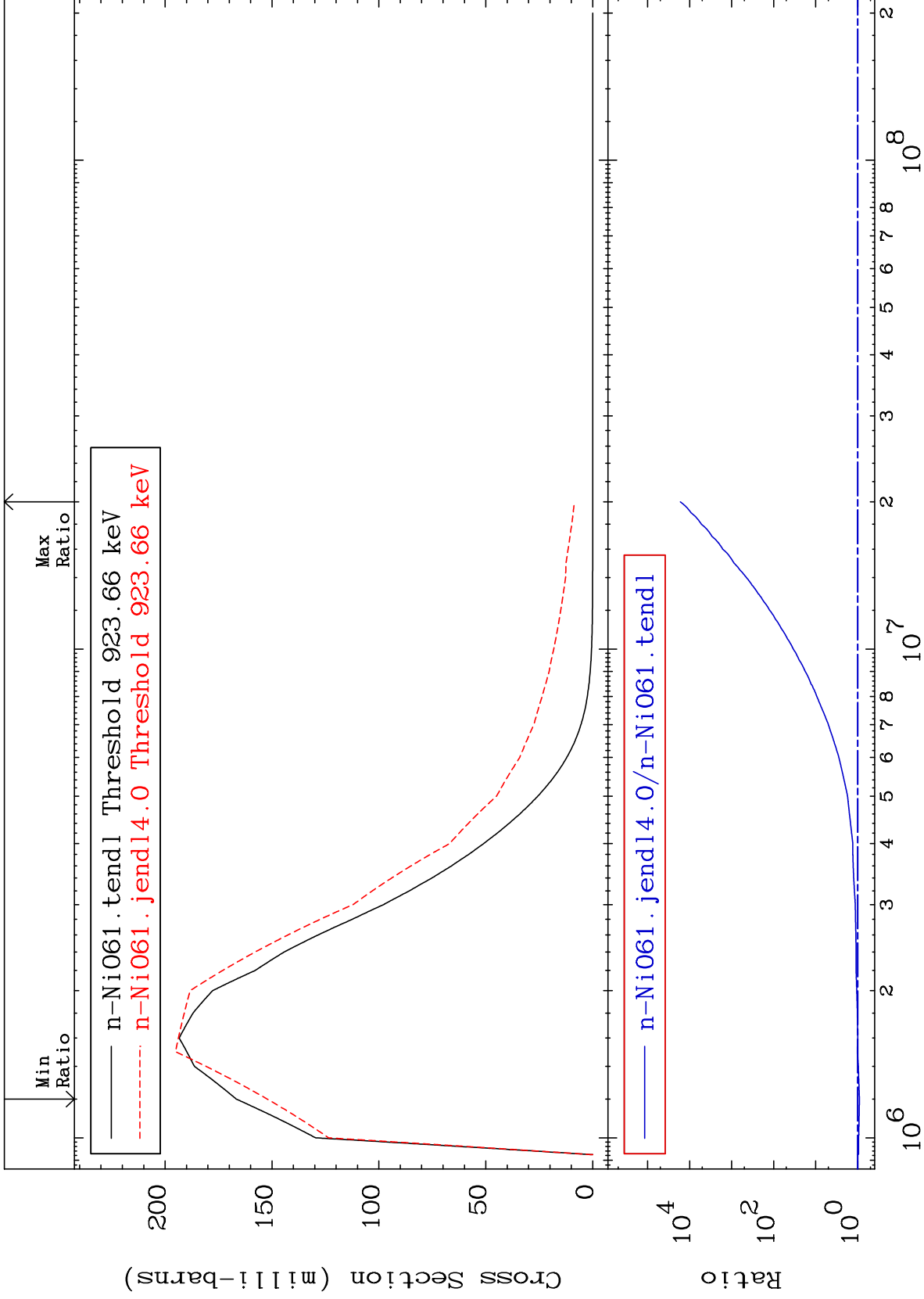
28-Ni-61
-79.25 To 9999. %



MAT 2834

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

28-Ni-61
-8.713 To 9999. %



12

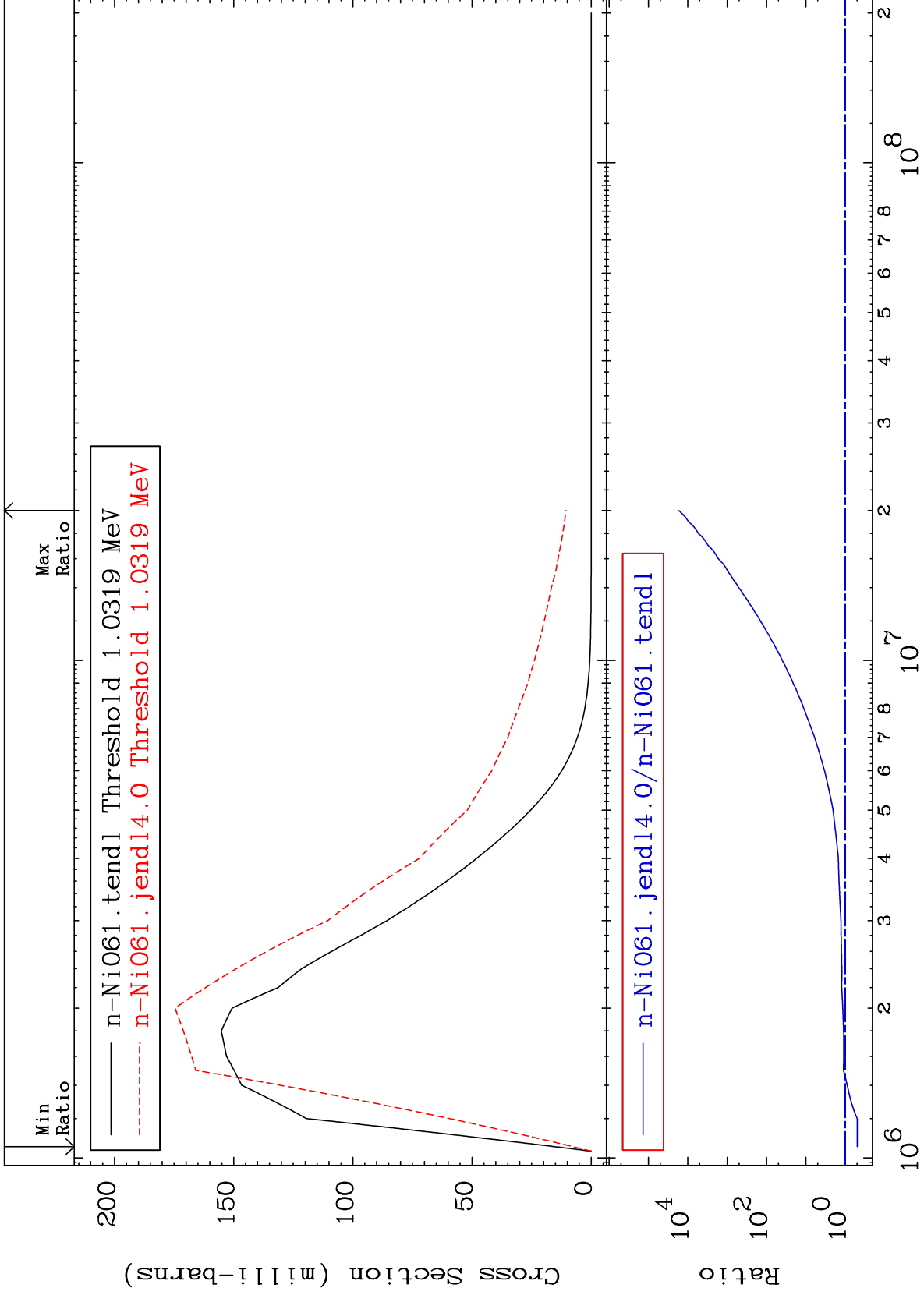
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-50.32 To 9999. %



13

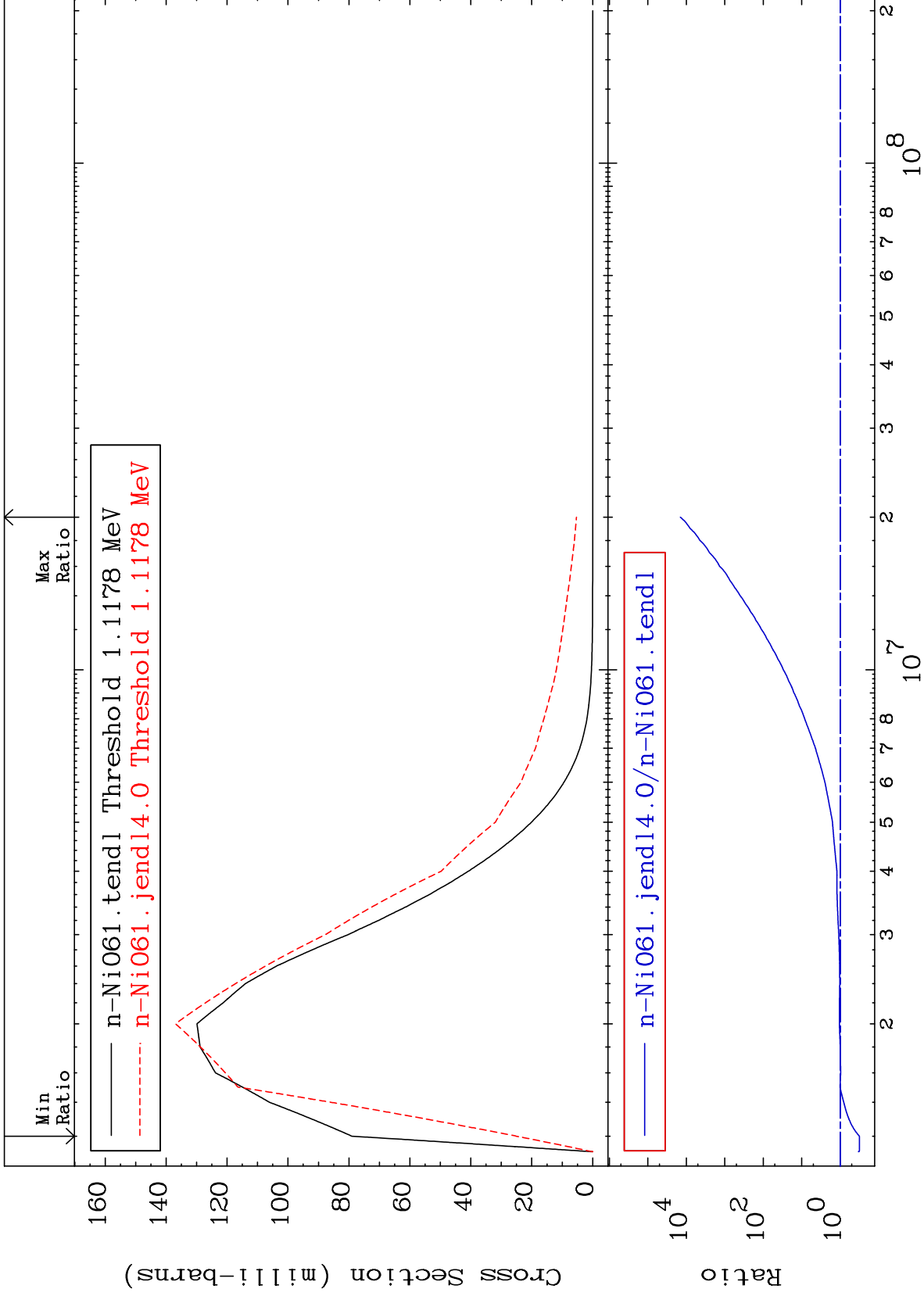
Incident Energy (eV)

28-Ni-61

MAT 2834

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

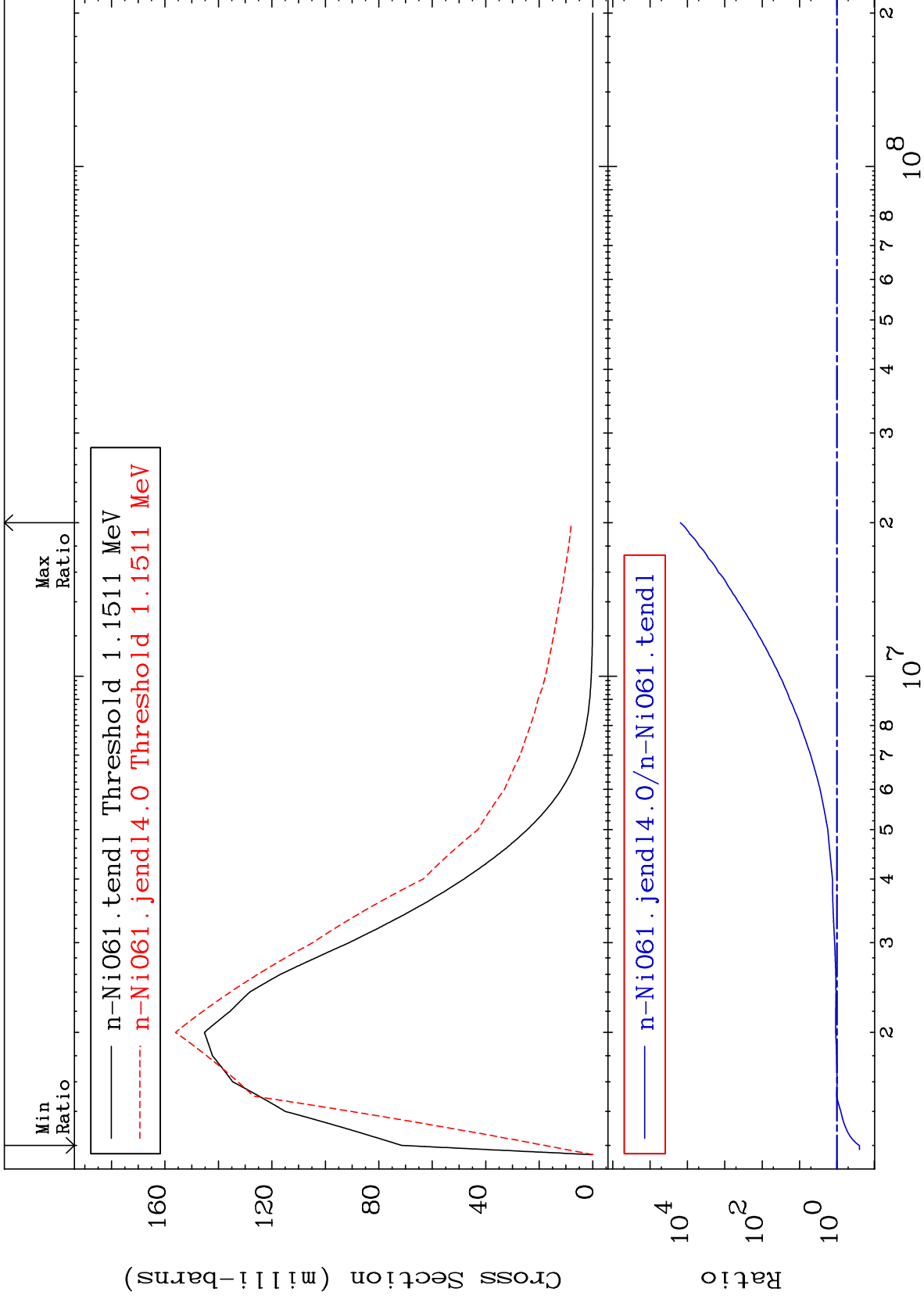
28-Ni-61
-68.31 To 9999. %



MAT 2834

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

28-Ni-61
-75.08 To 9999. %



15

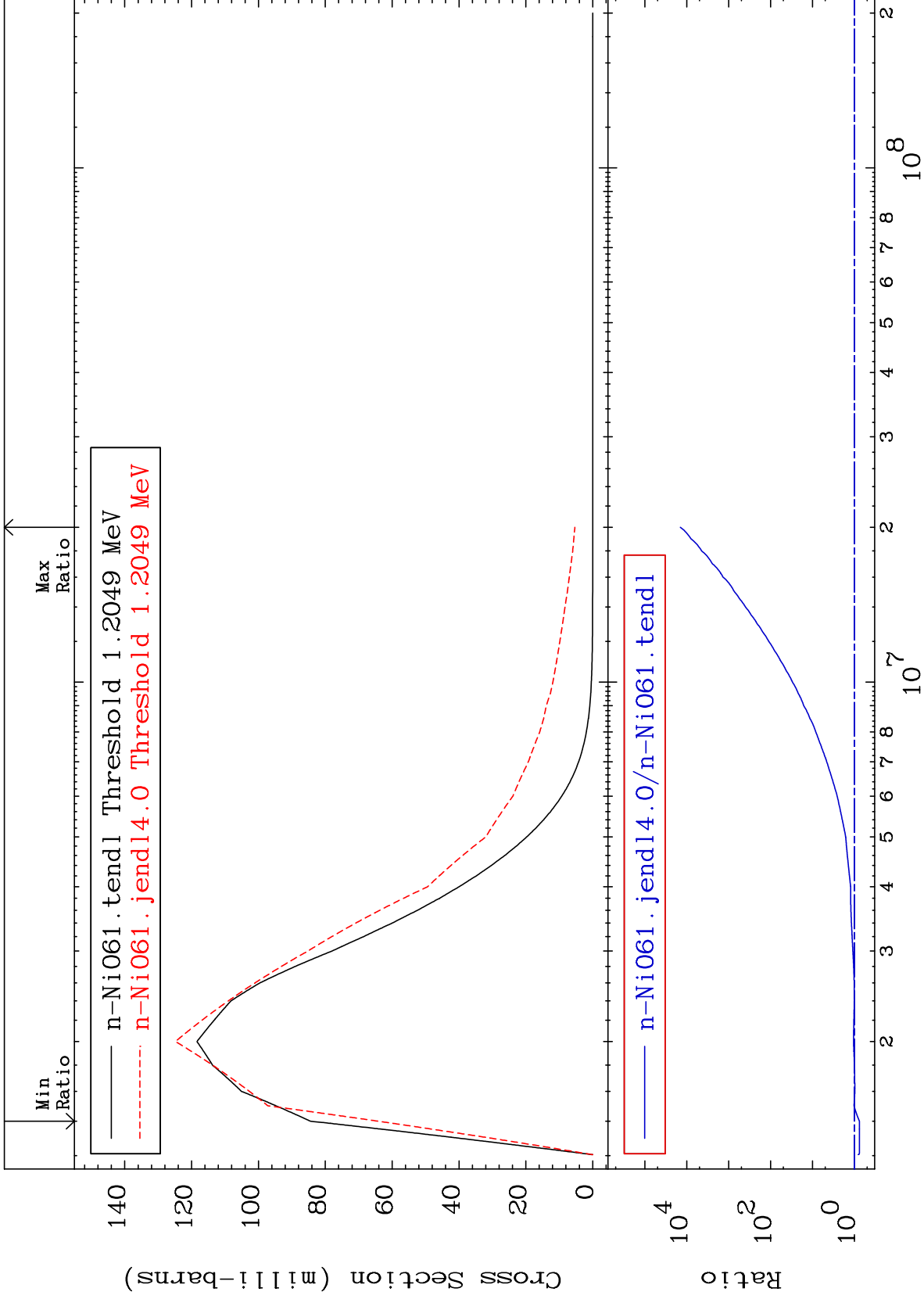
Incident Energy (eV)

28-Ni-61

MAT 2834

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

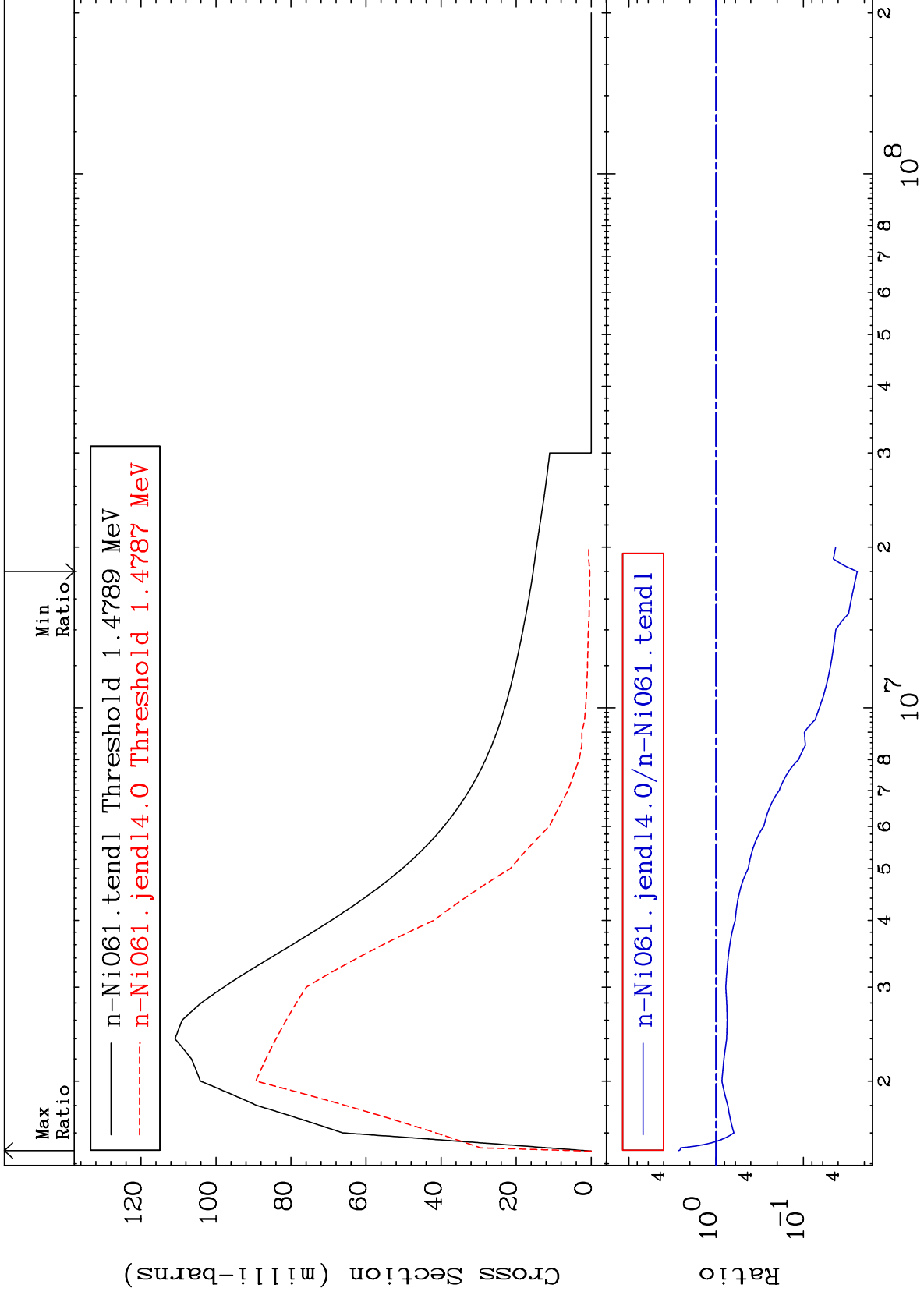
28-Ni-61
-23.92 To 9999. %



MAT 2834

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

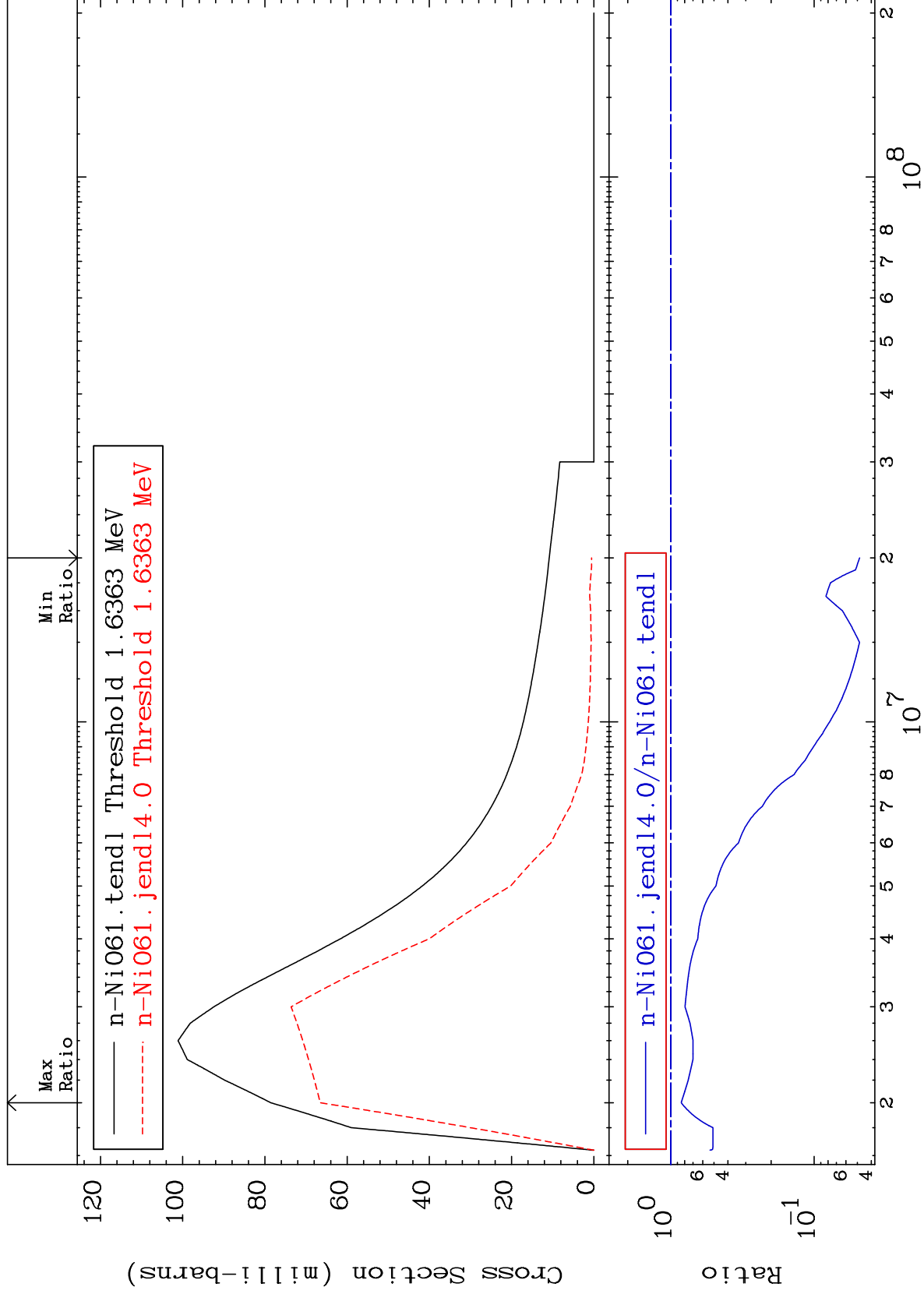
28-Ni-61
-97.59 To 168.5 %



MAT 2834

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

28-Ni-61
-95.18 To -15.29%



18

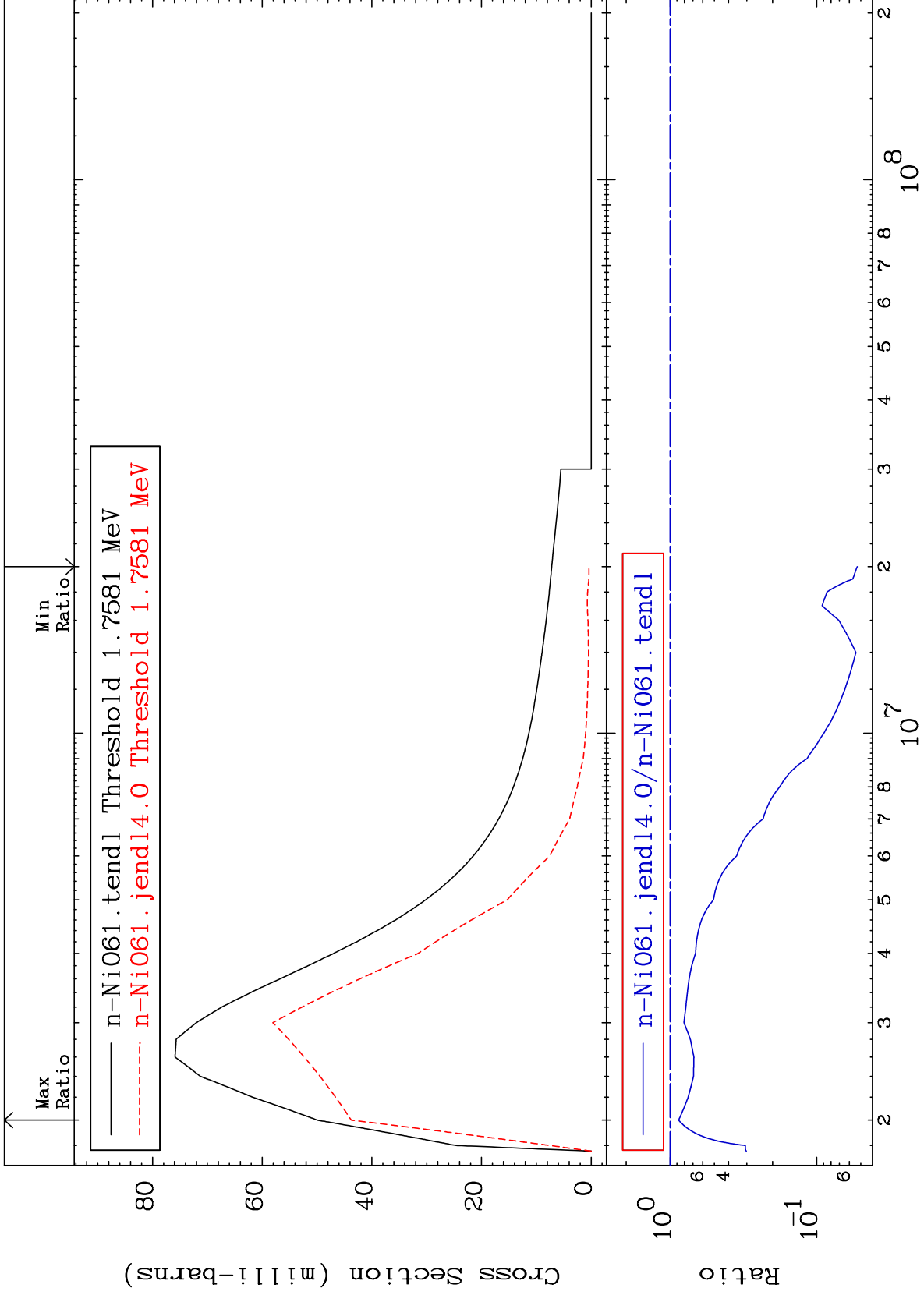
Incident Energy (eV)

28-Ni-61

MAT 2834

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

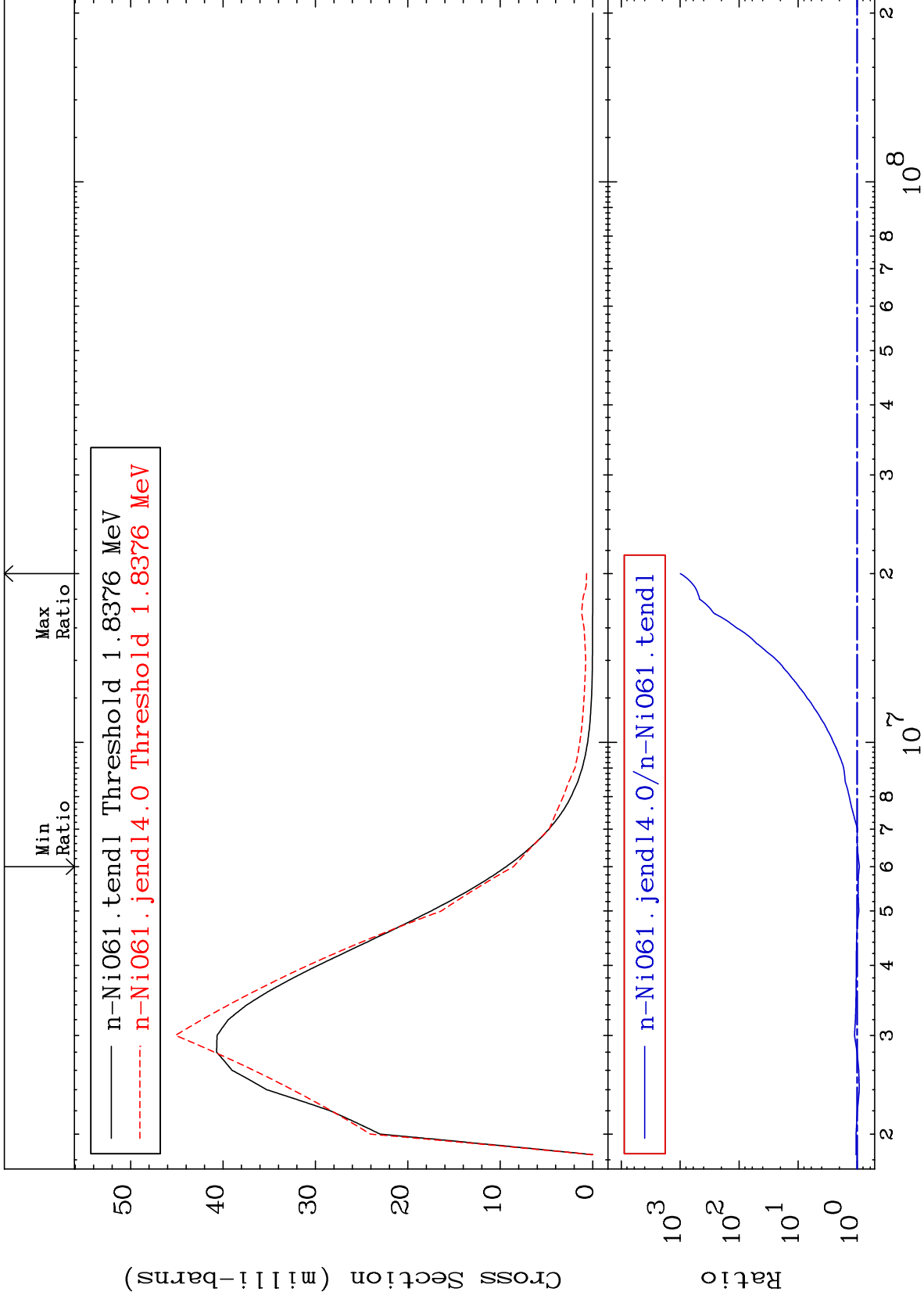
28-Ni-61
-94.71 To -12.37%



MAT 2834

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

28-Ni-61
-8.364 To 9999. %



20

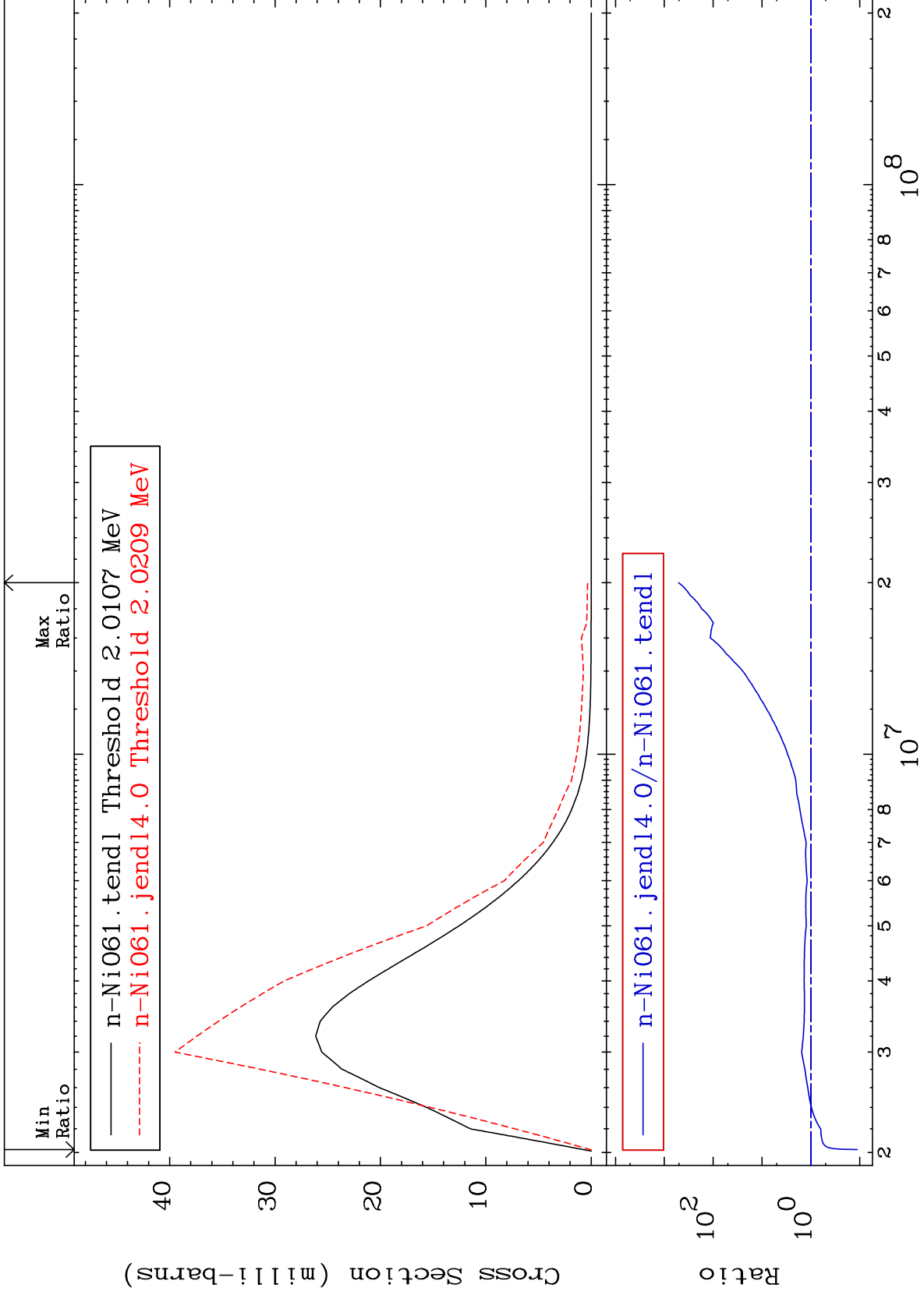
Incident Energy (eV)

28-Ni-61

MAT 2834

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

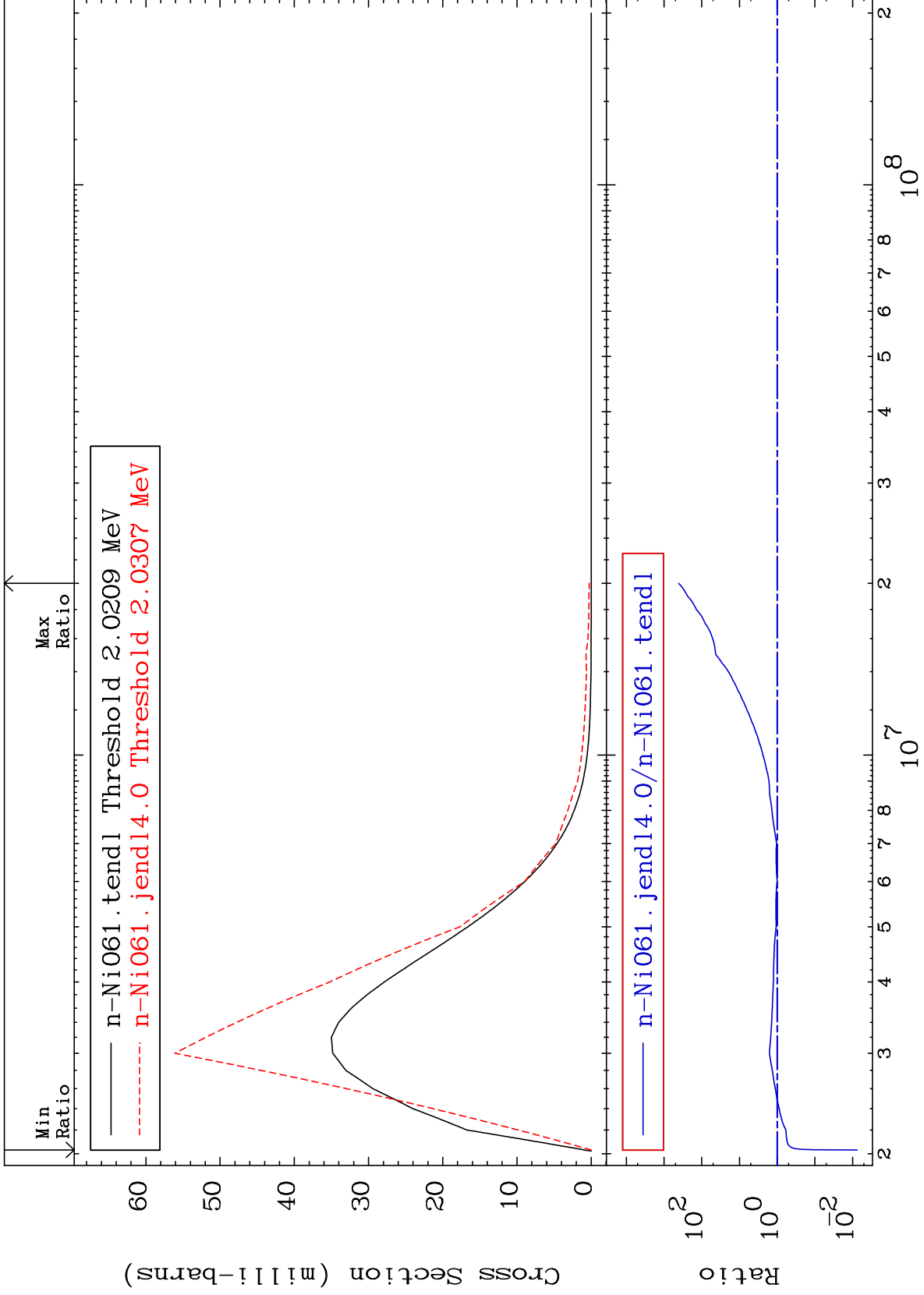
28-Ni-61
-88.74 To 9999. %



MAT 2834

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

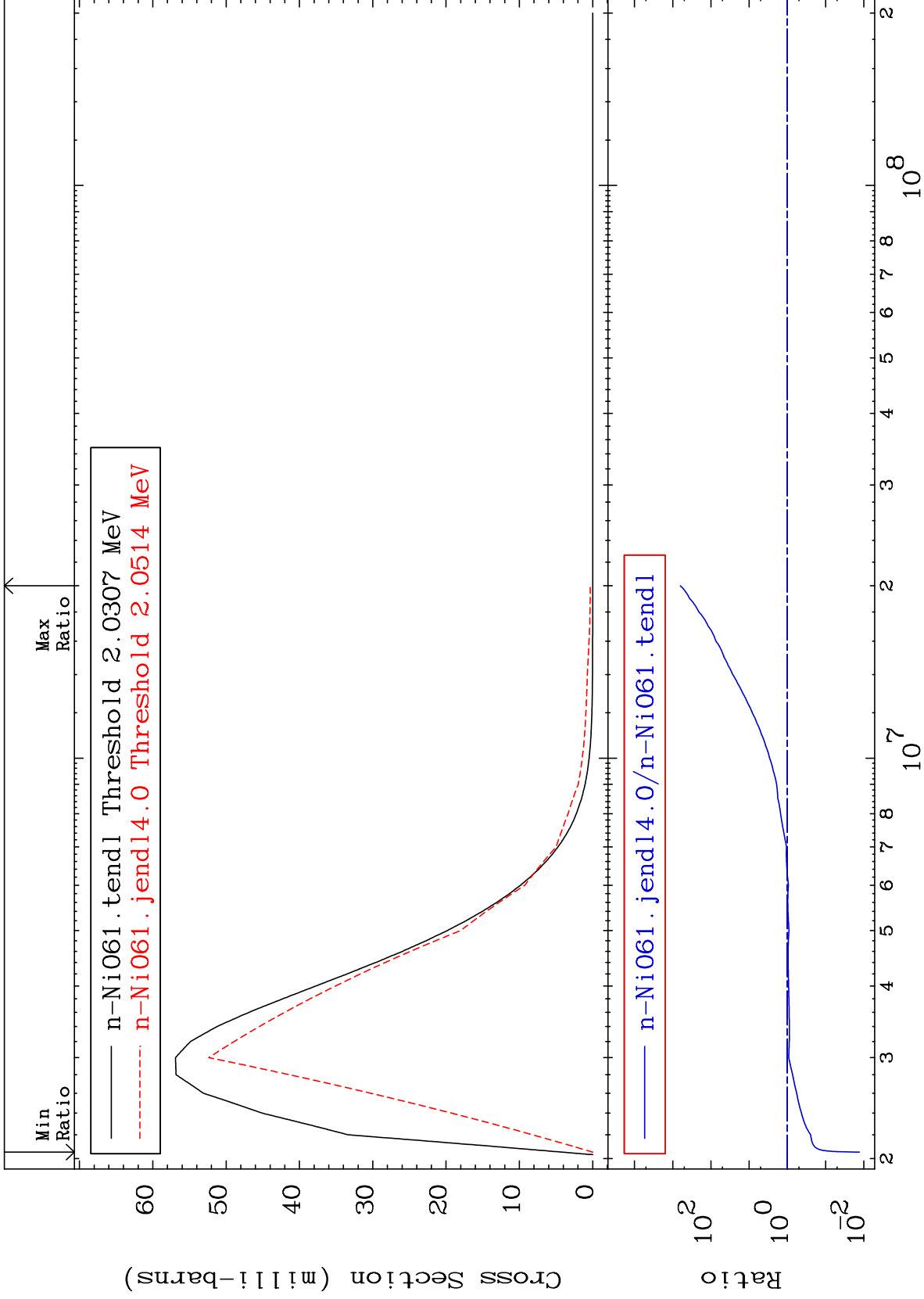
28-Ni-61
-99.25 To 9999. %



MAT 2834

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

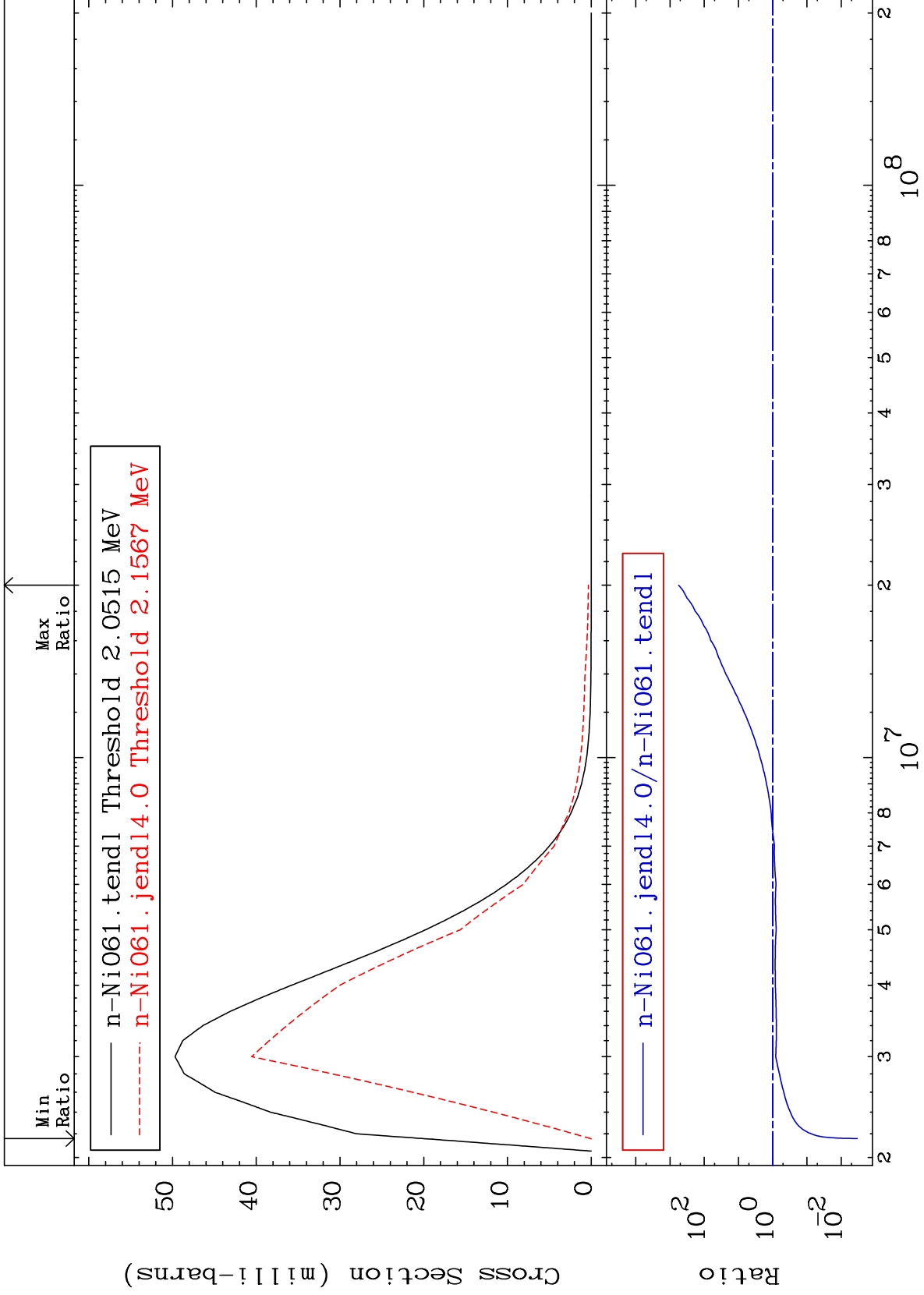
28-Ni-61
-98.70 To 9999. %



MAT 2834

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

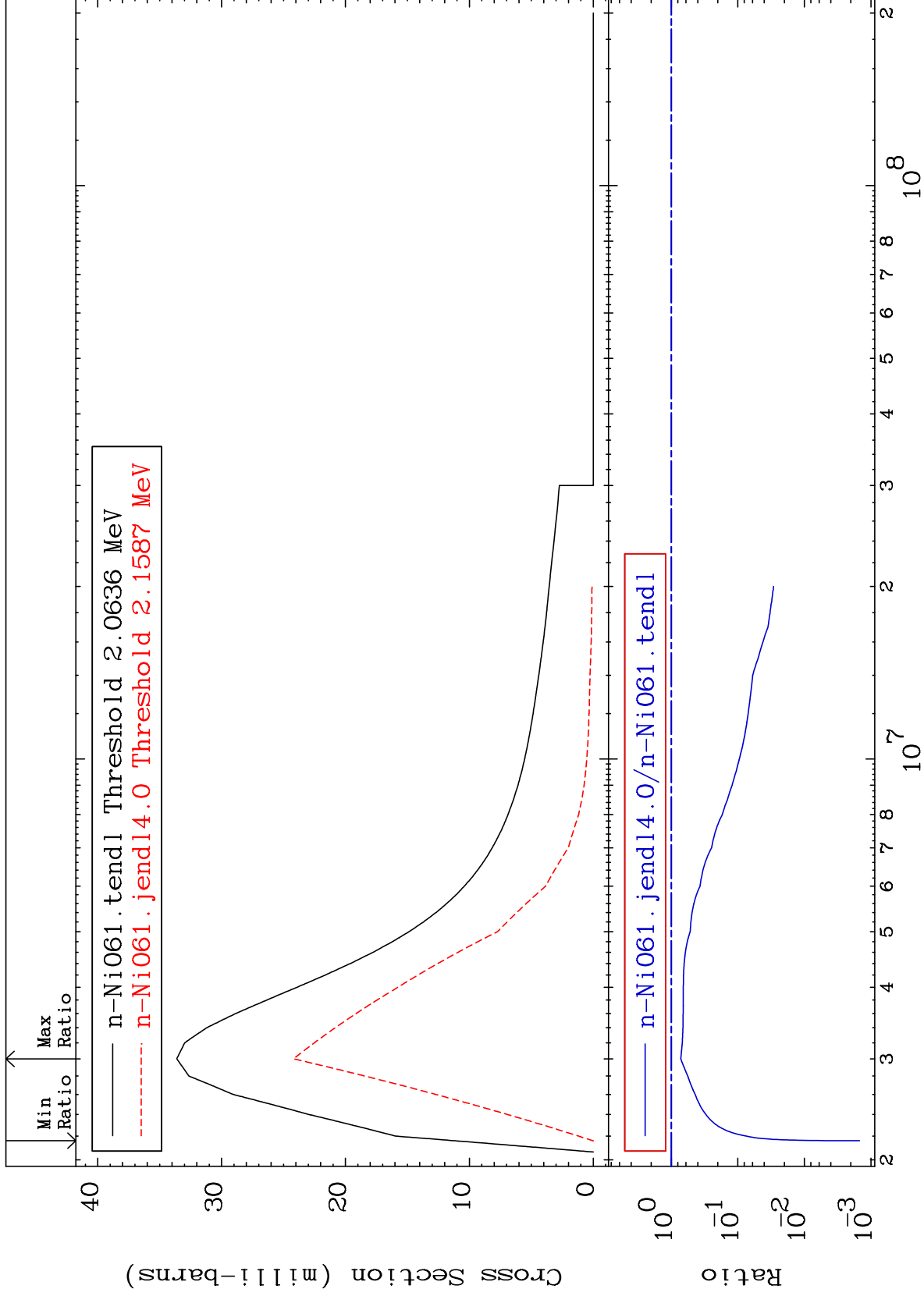
28-Ni-61
-99.66 To 9999. %



MAT 2834

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

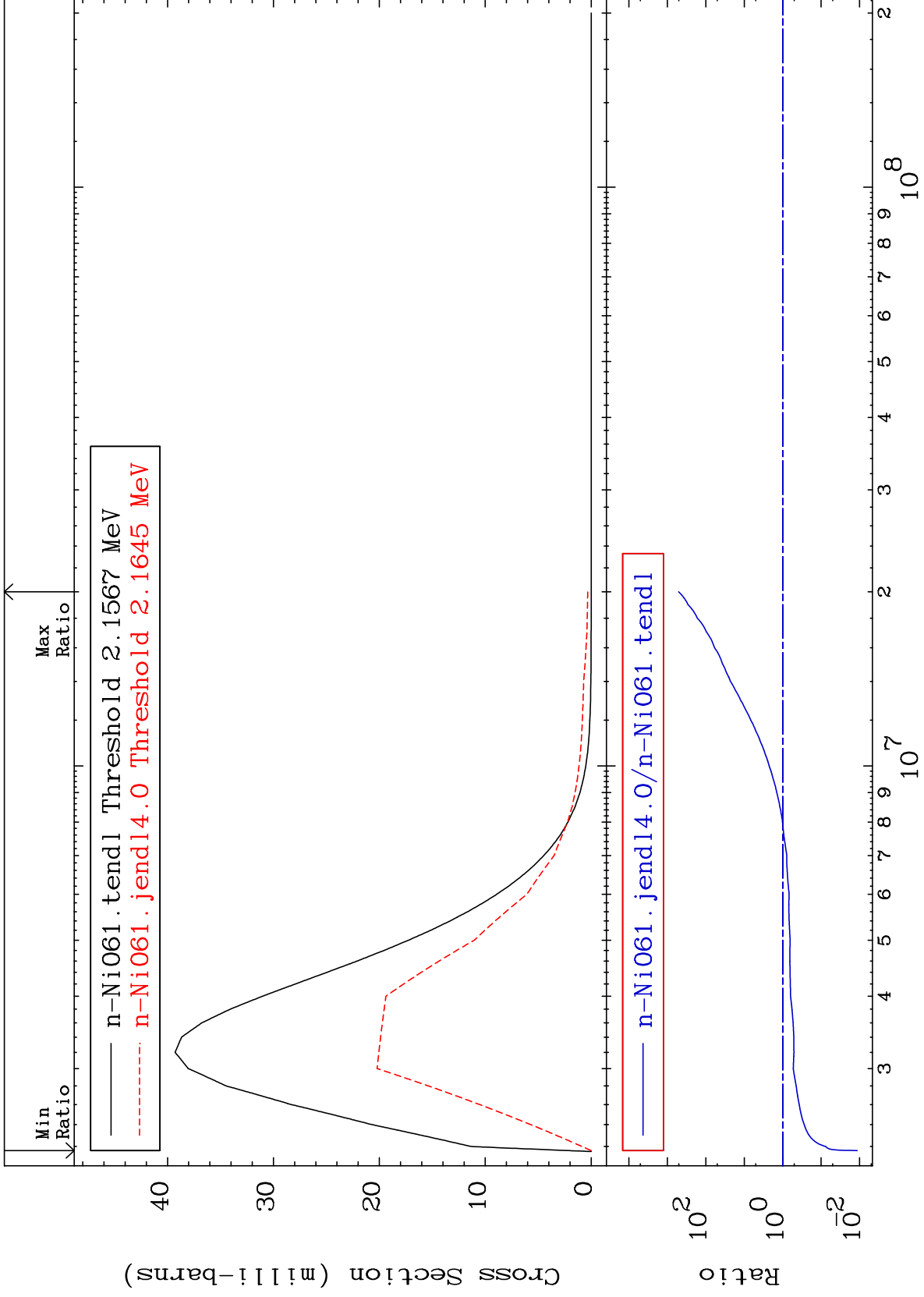
28-Ni-61
-99.85 To -28.04%

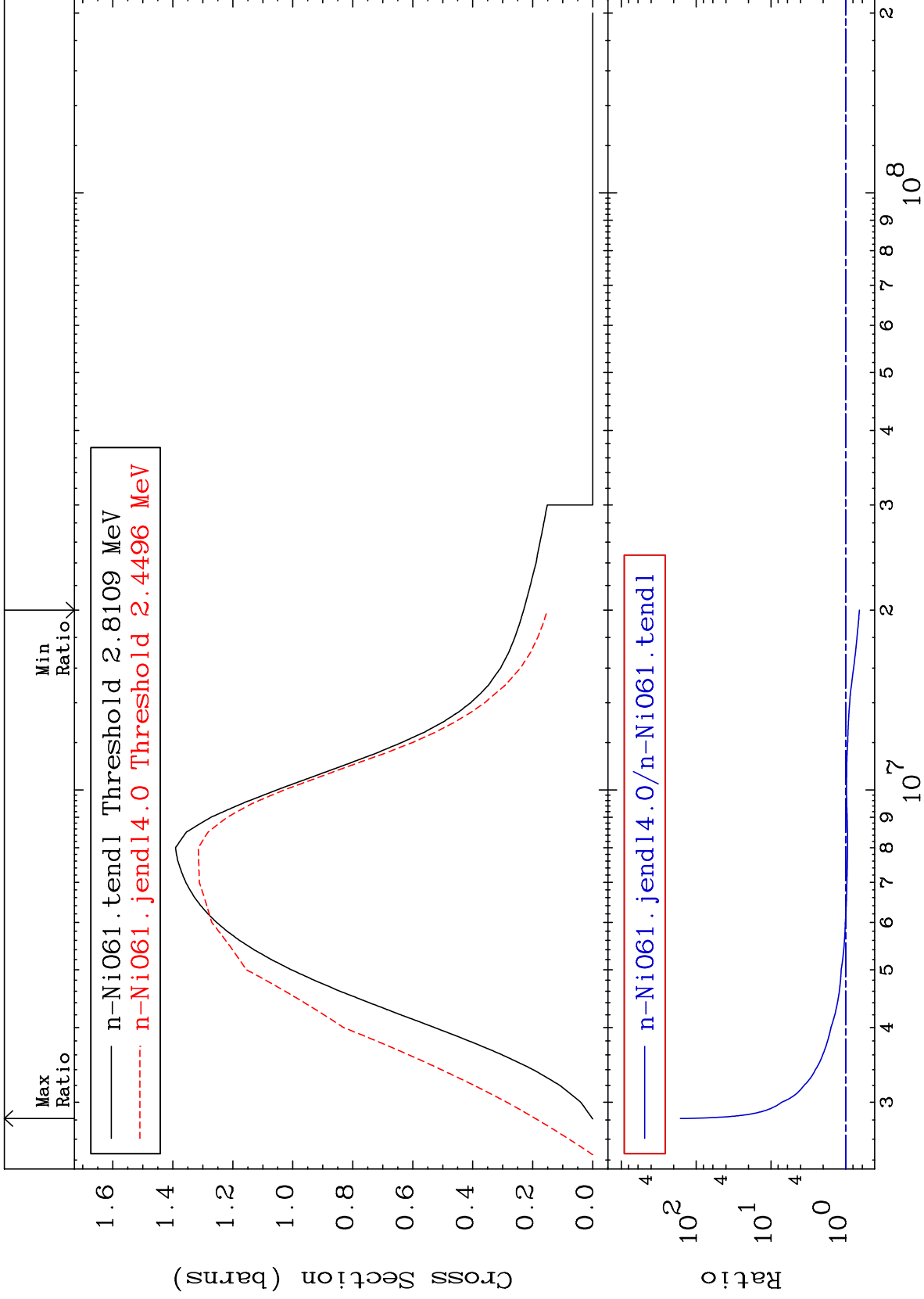


25

Incident Energy (eV)

28-Ni-61





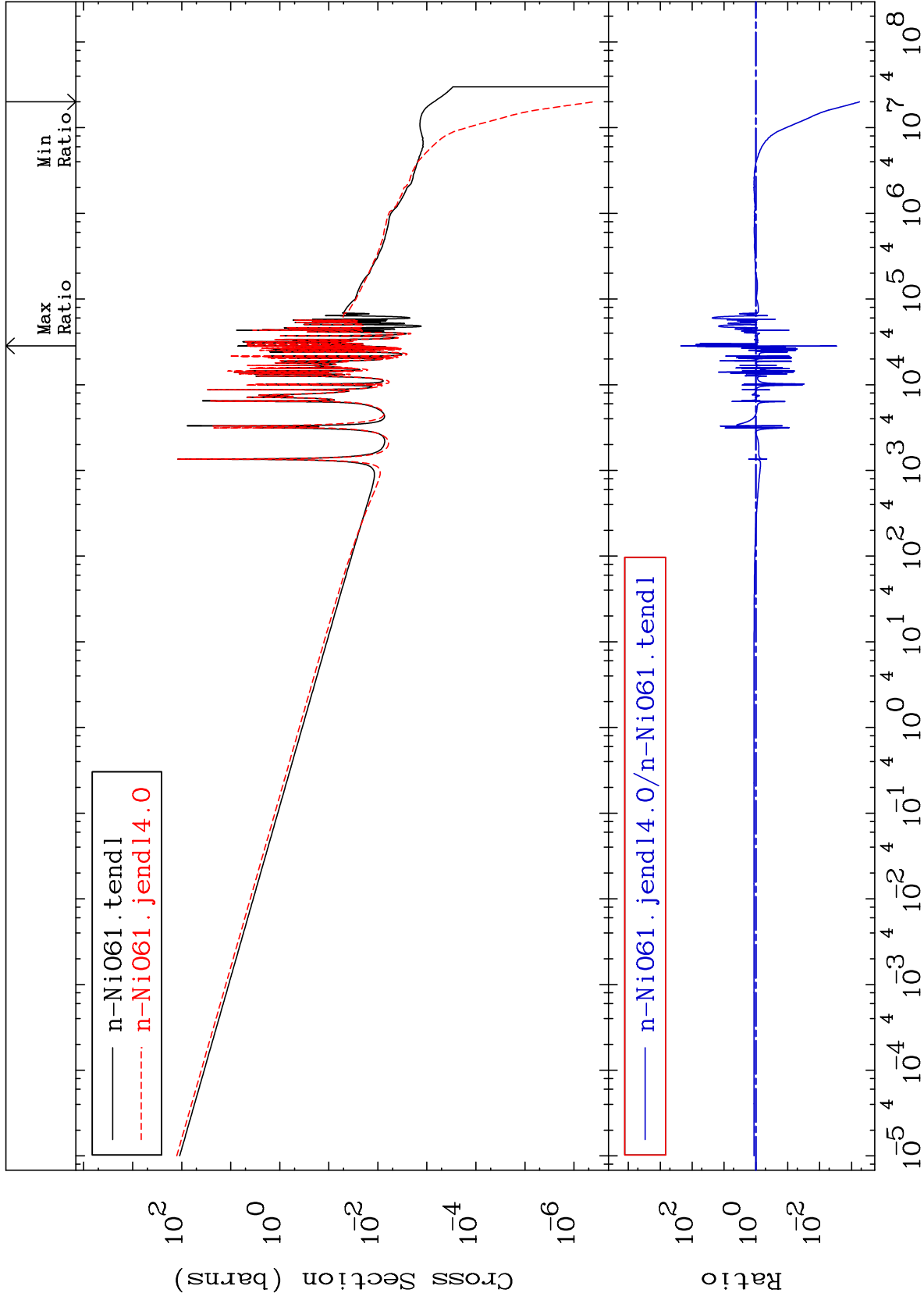
MAT 2834

(n, γ)

28-Ni-61

Cross Section

-99.94 To 9999. %



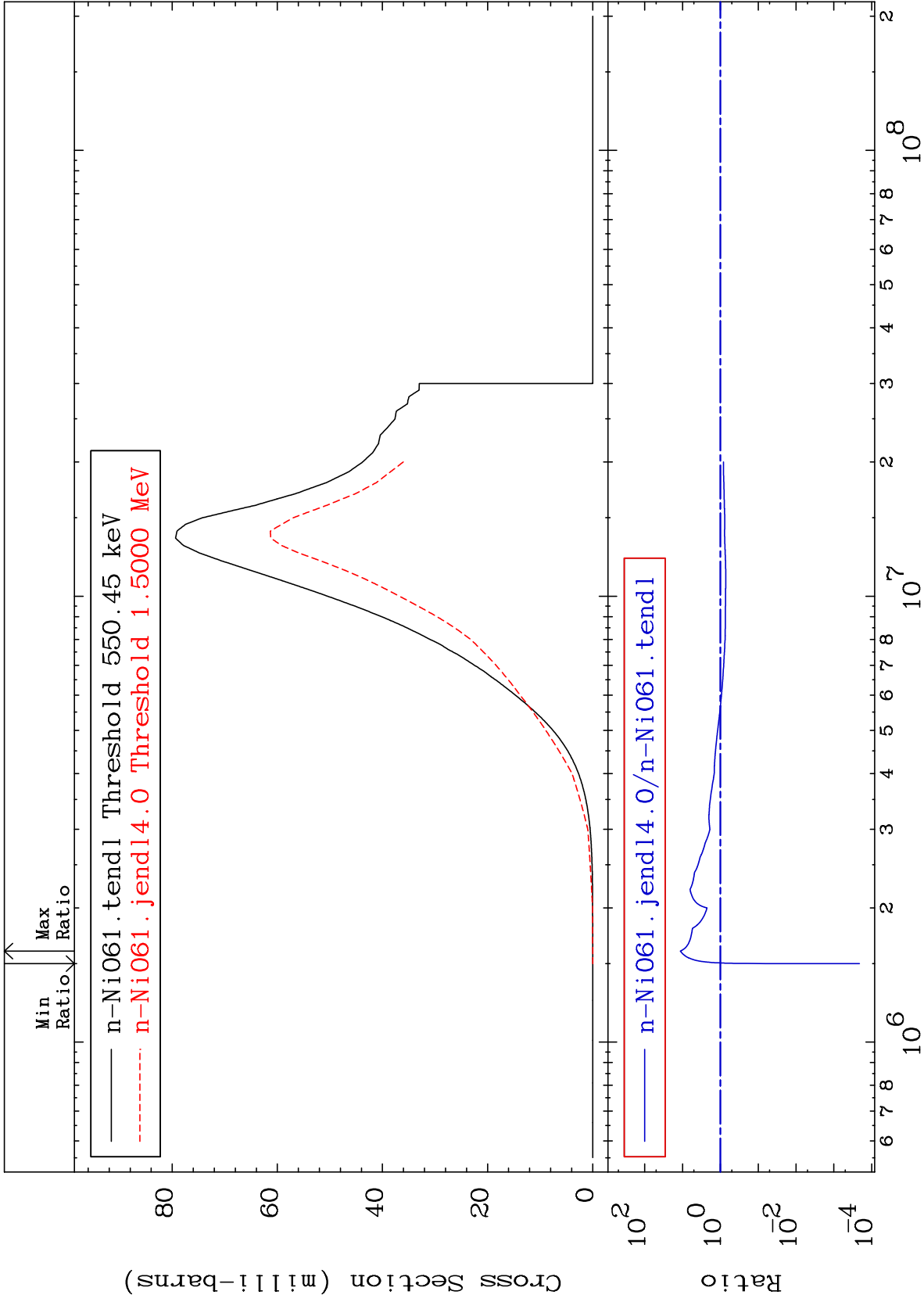
28

Incident Energy (eV)

28-Ni-61

Cross Section

-99.98 To 1044. %



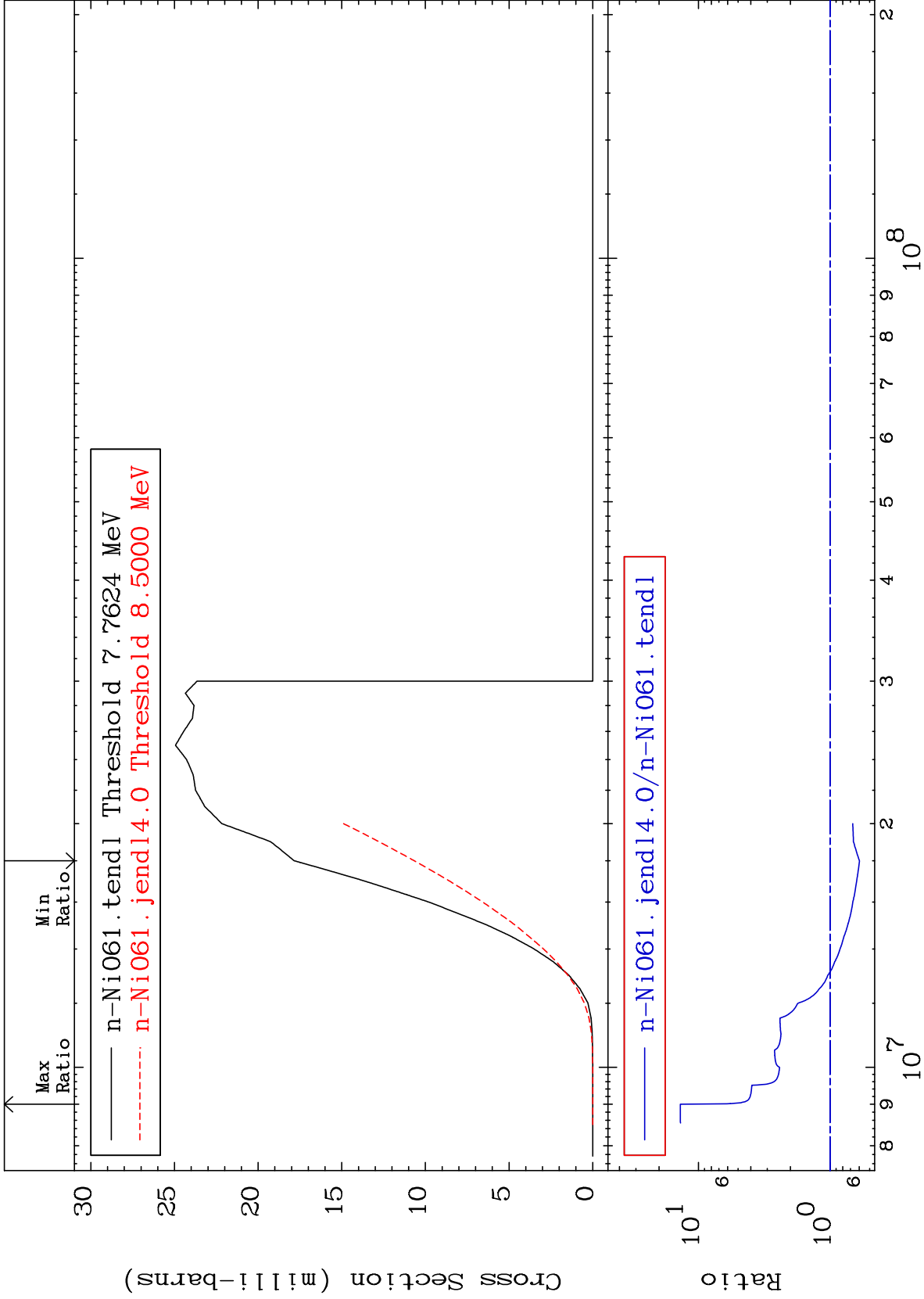
MAT 2834

(n, d)

28-Ni-61

Cross Section

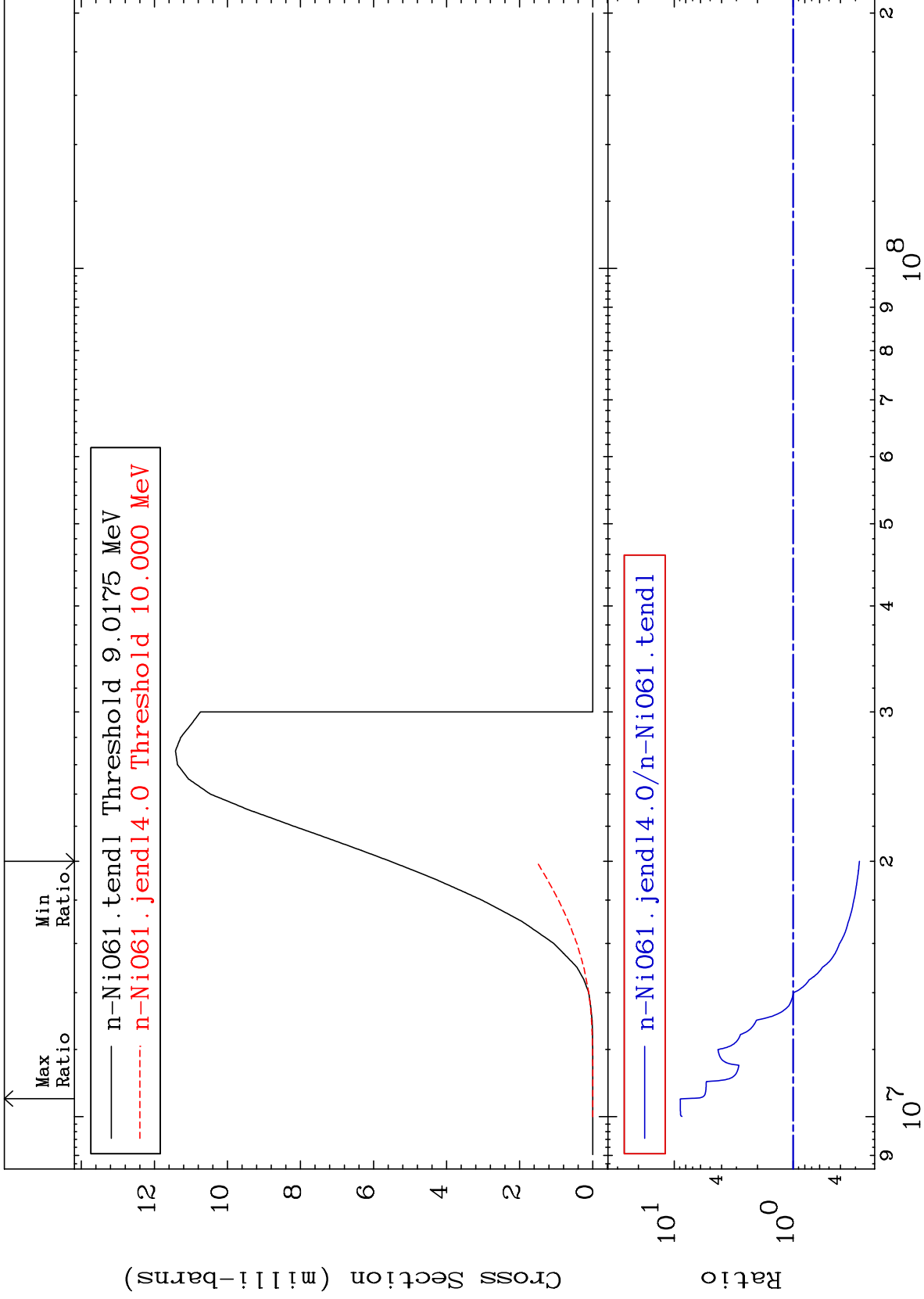
-40.23 To 1275. %



30

Incident Energy (eV)

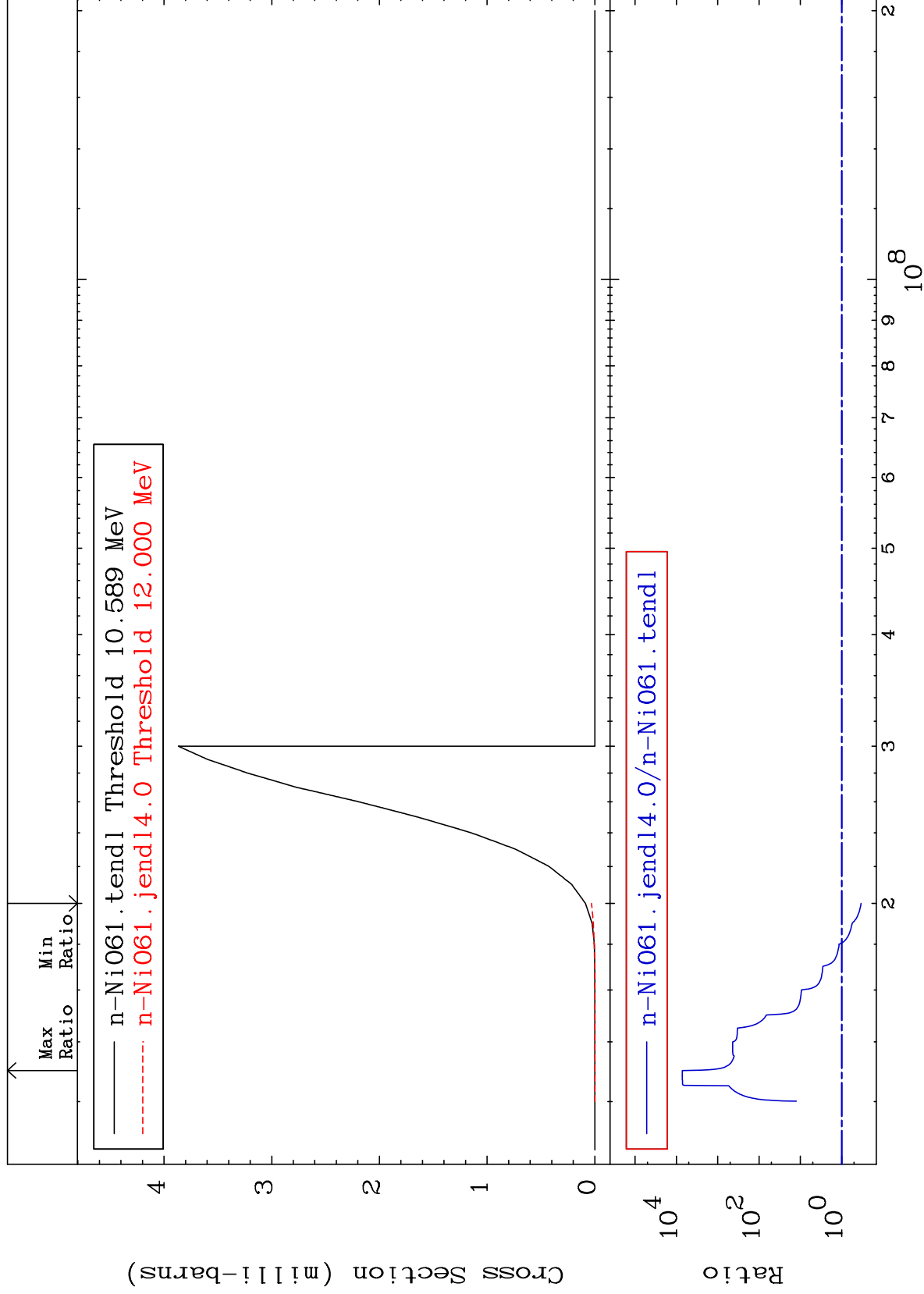
28-Ni-61



MAT 2834

(n,He-3)
Cross Section

28-Ni-61
-66.19 To 9999. %



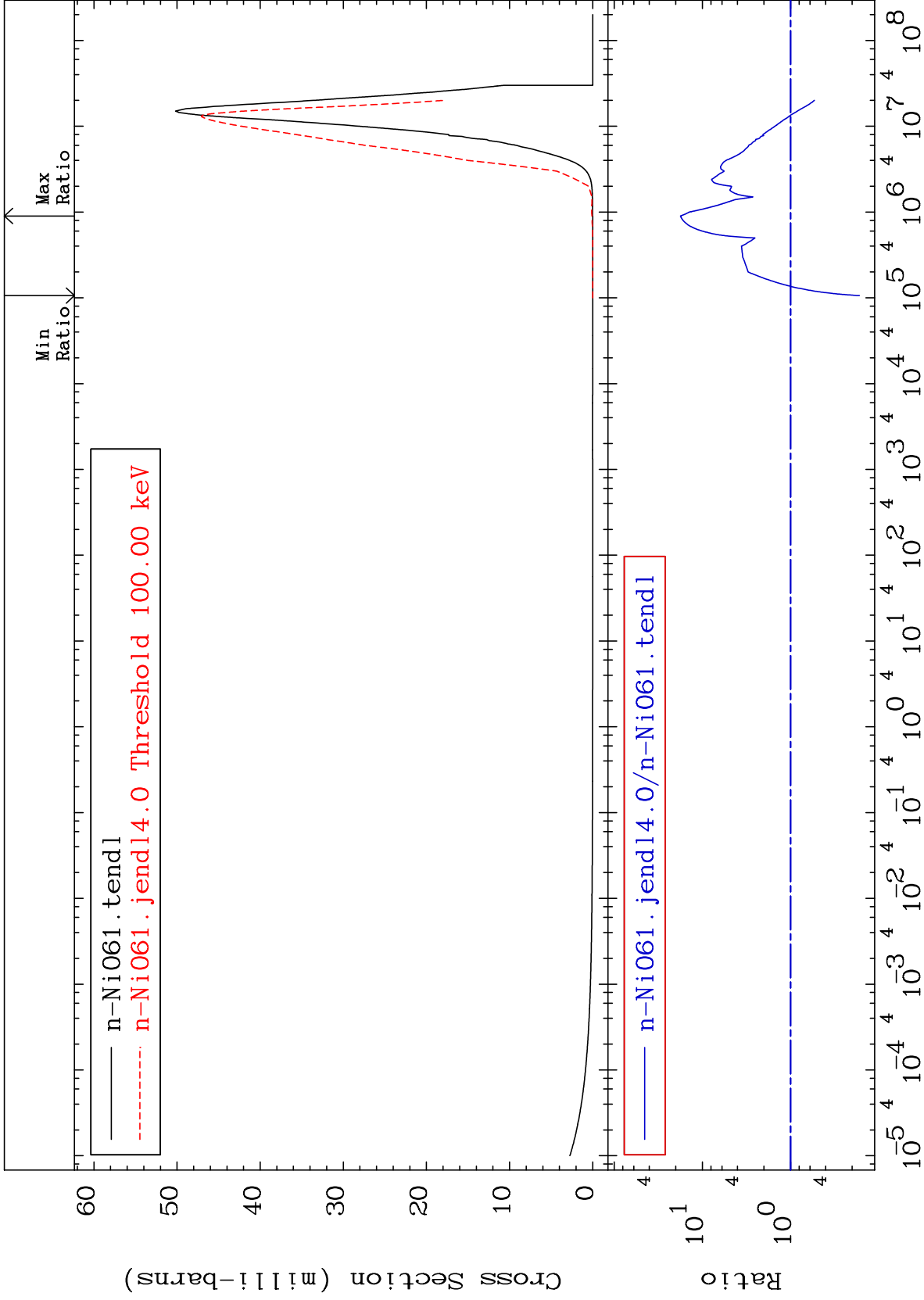
MAT 2834

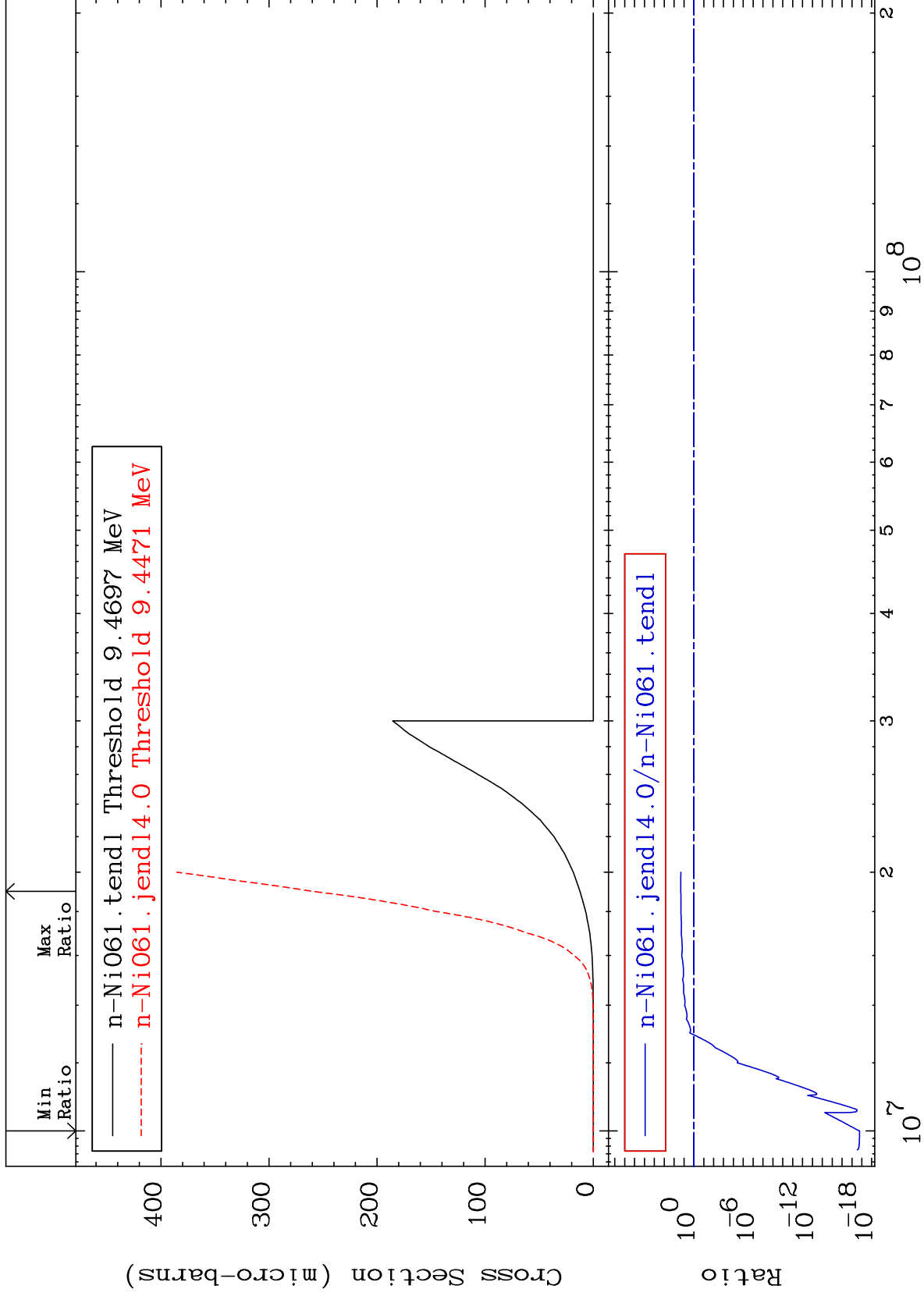
(n, α)

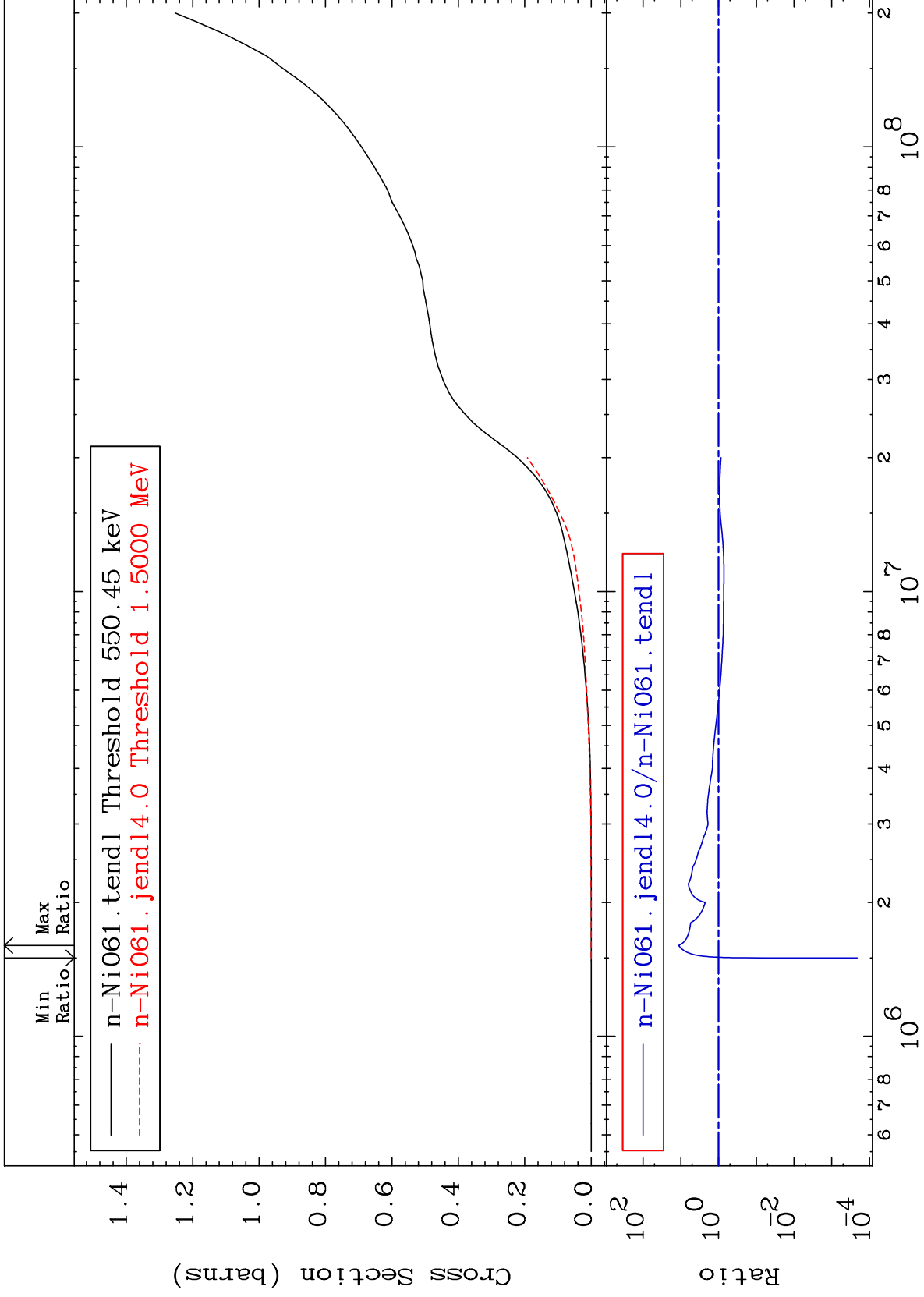
28-Ni-61

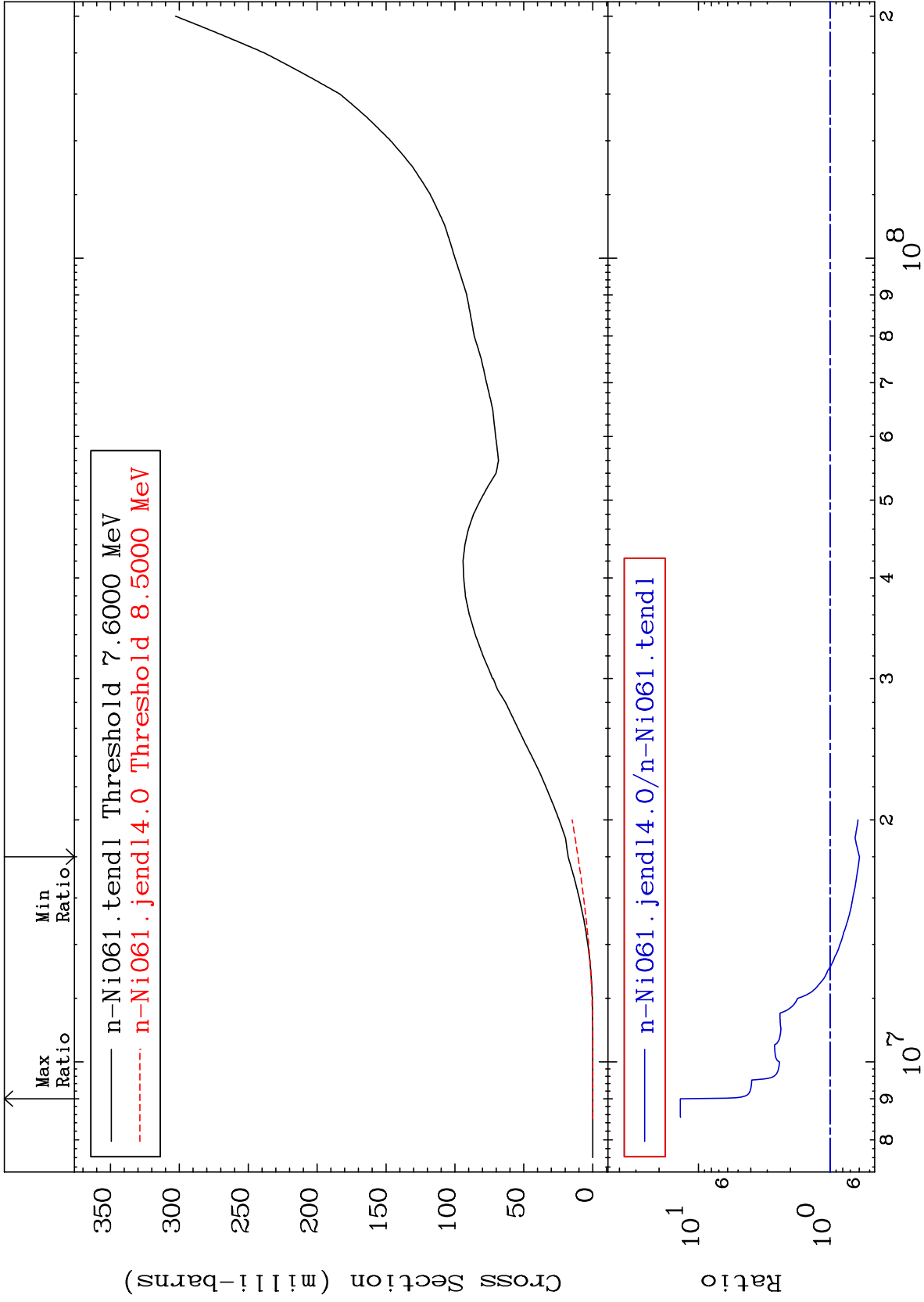
Cross Section

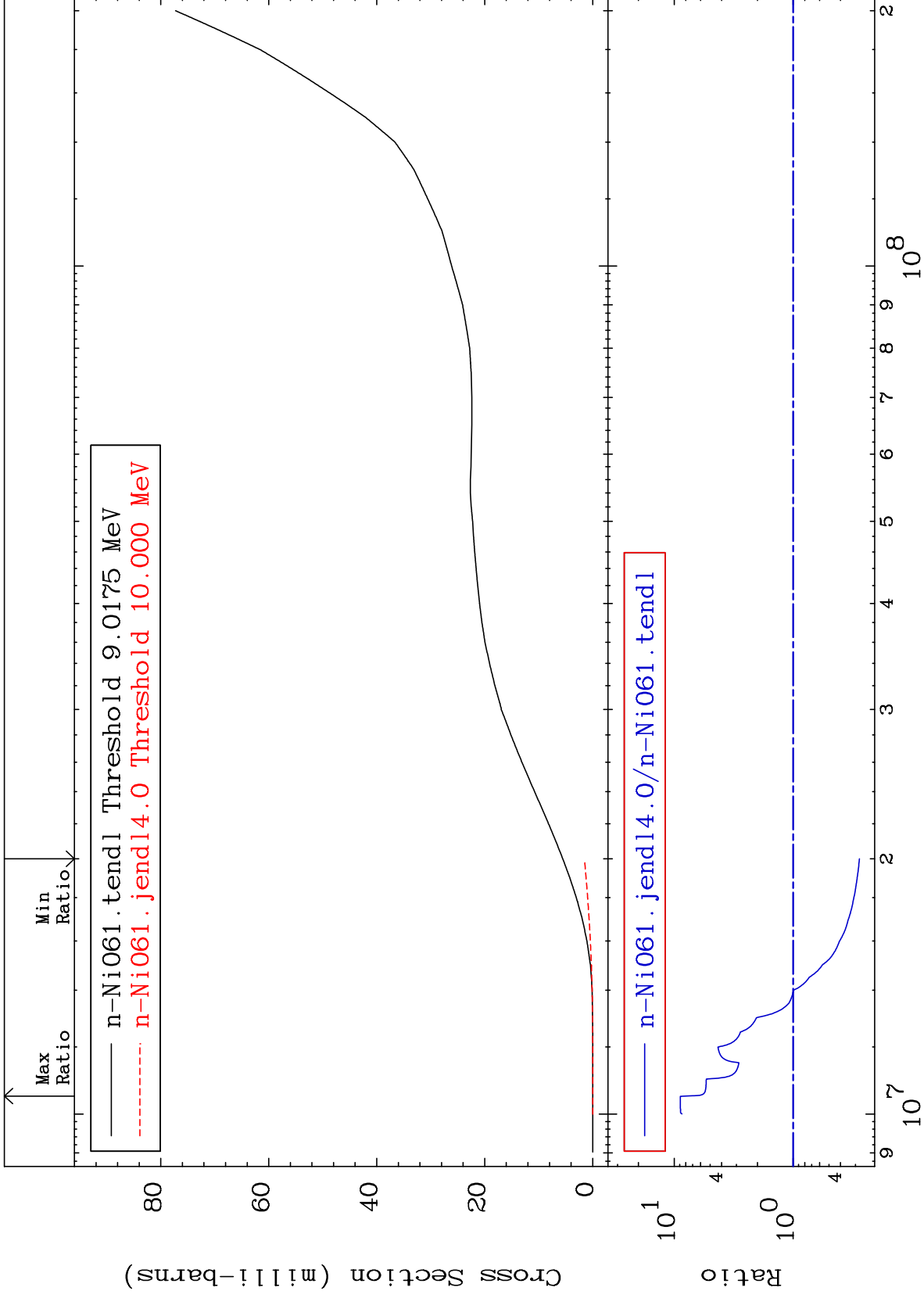
-83.46 To 1676. %







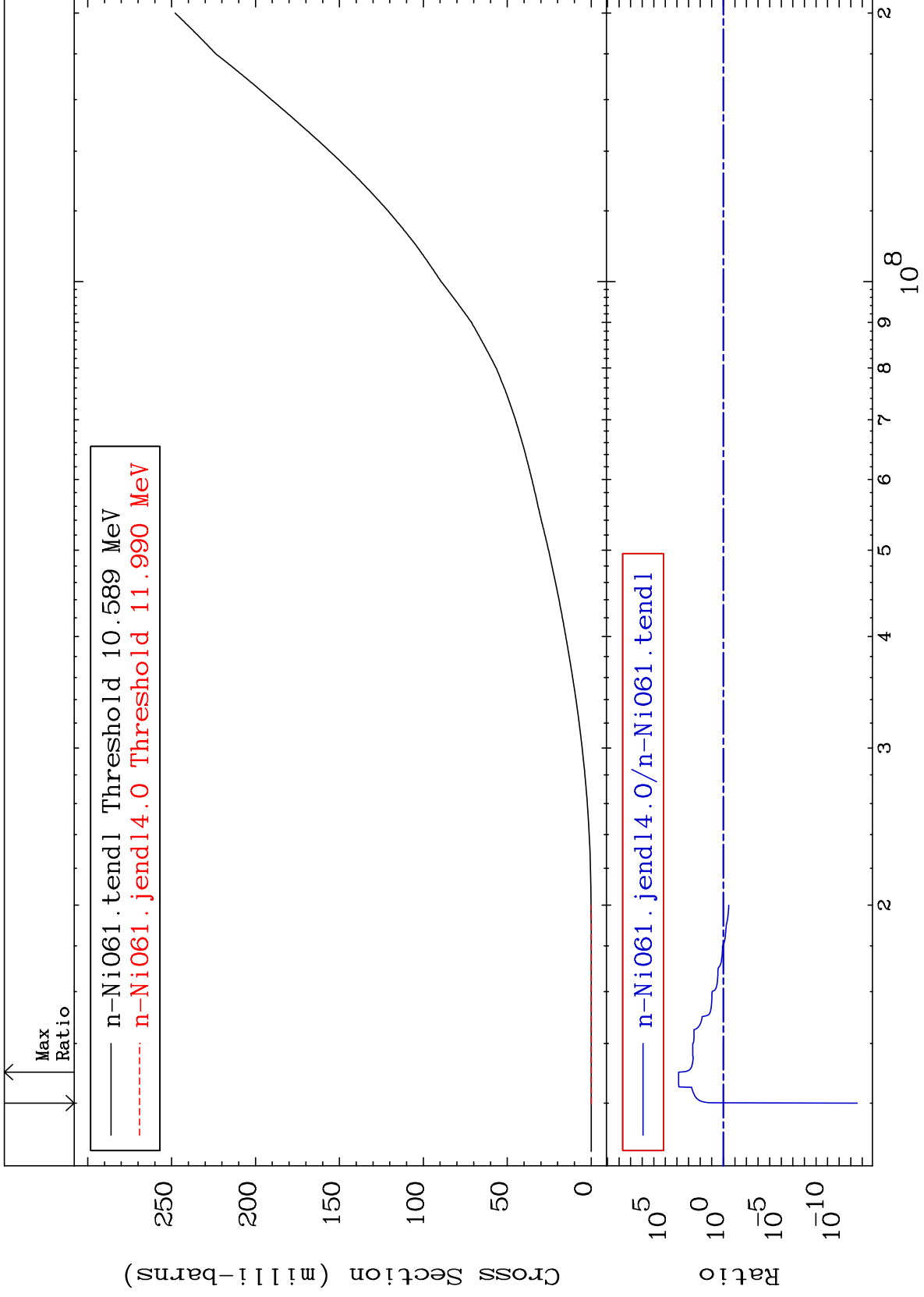


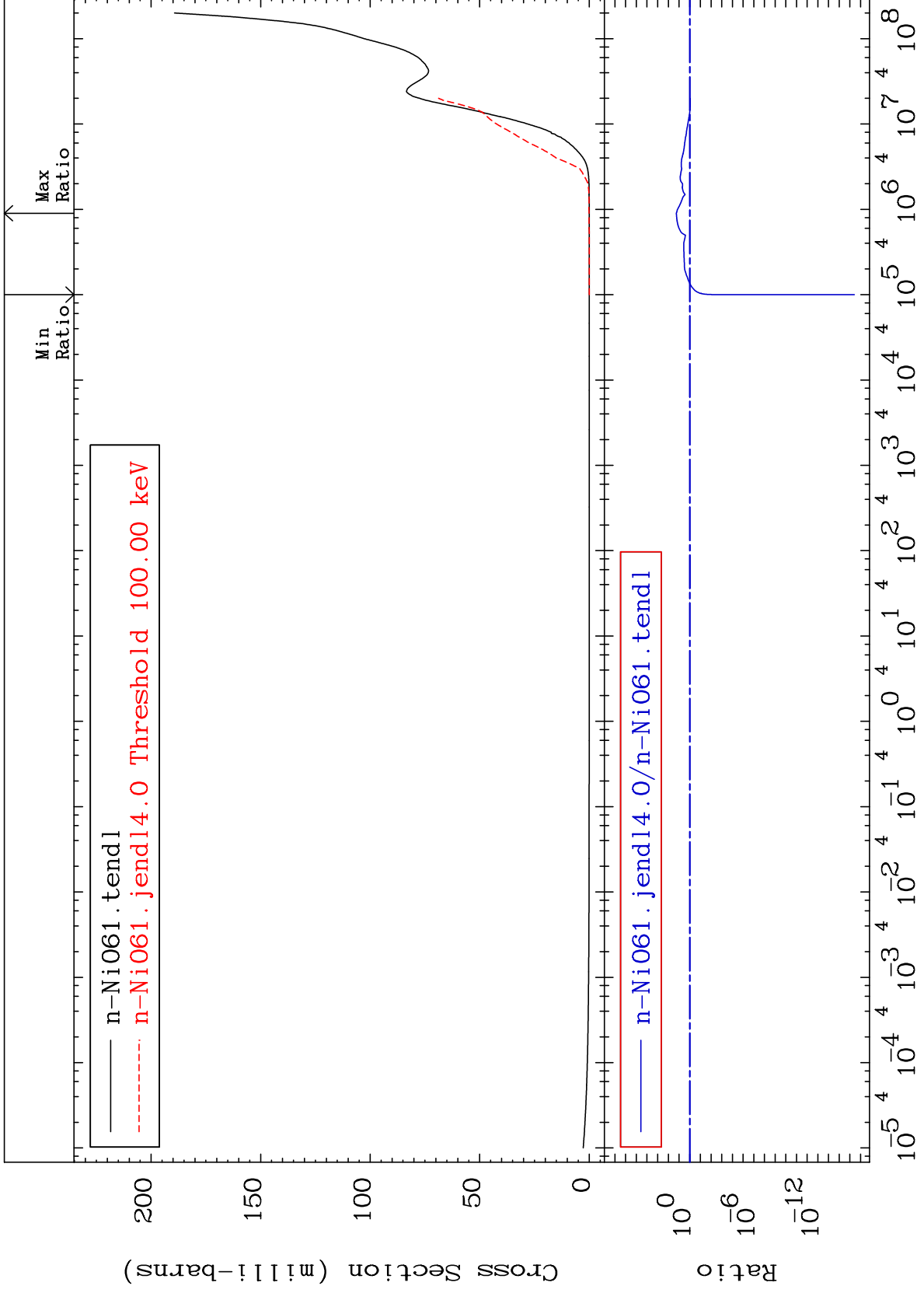


MAT 2834

He-3 Production
Cross Section

28-Ni-61
-100.0 To 9999. %

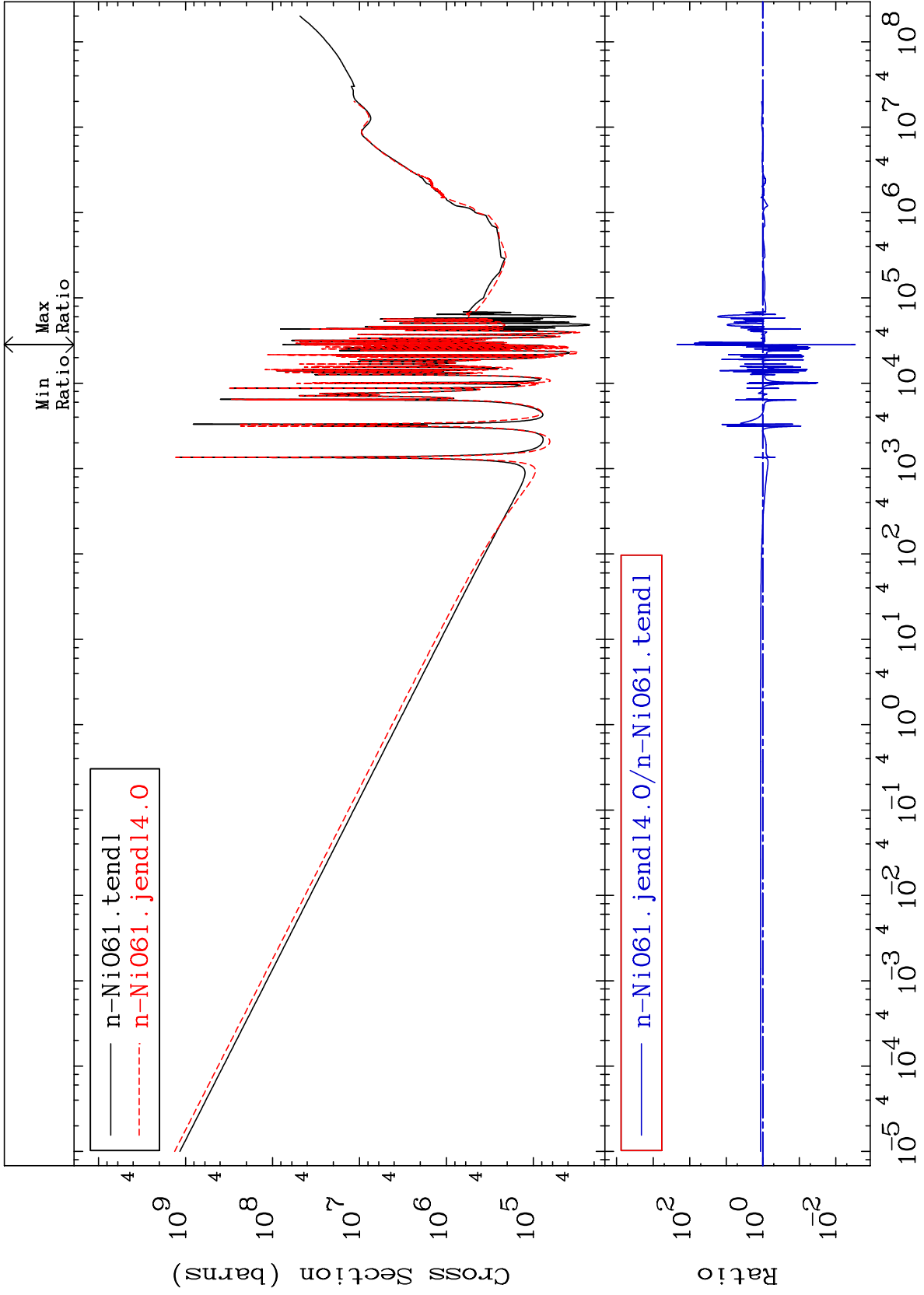




MAT 2834

Kerma total (eV-barns)
Cross Section

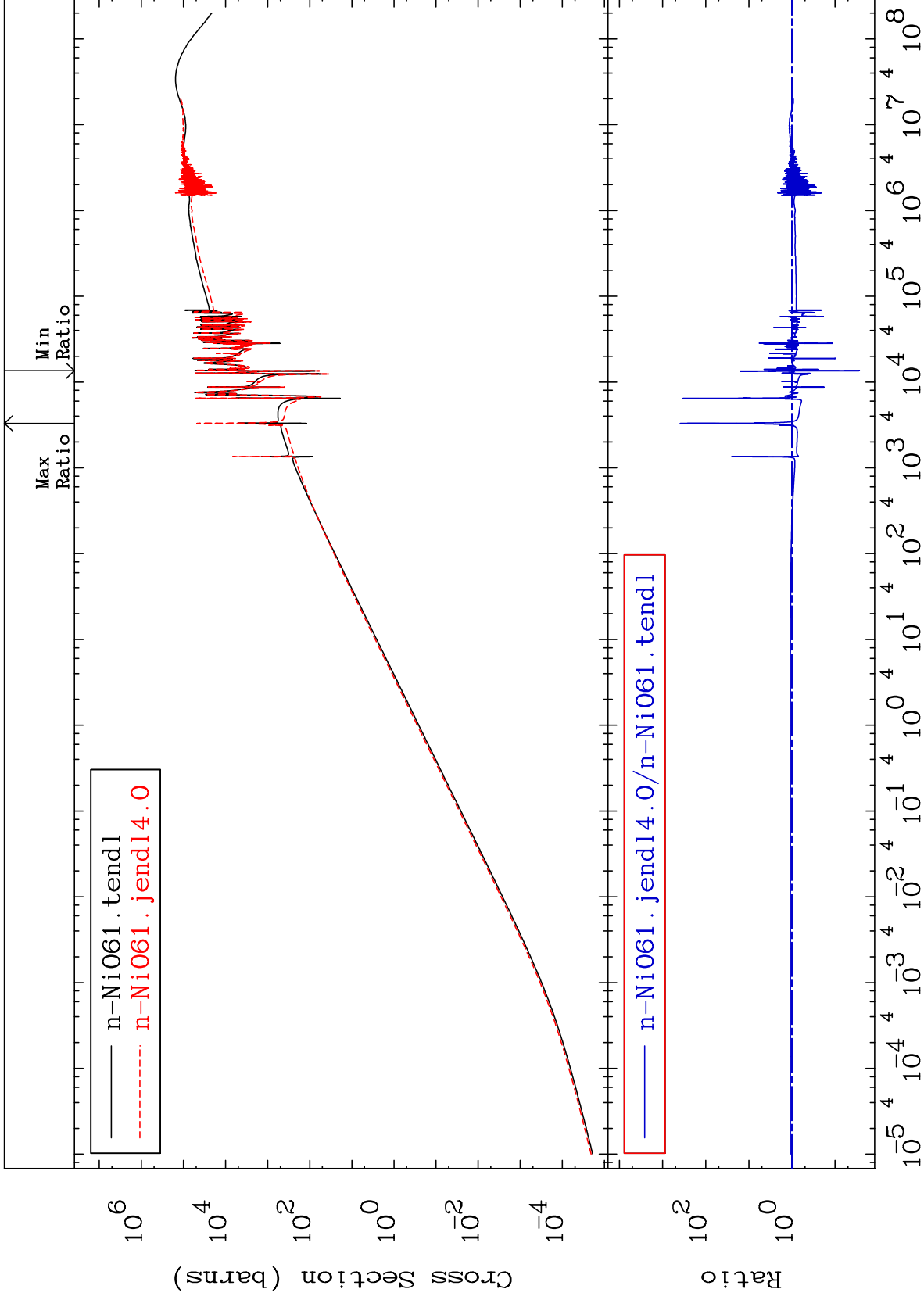
28-Ni-61
-99.70 To 9999. %

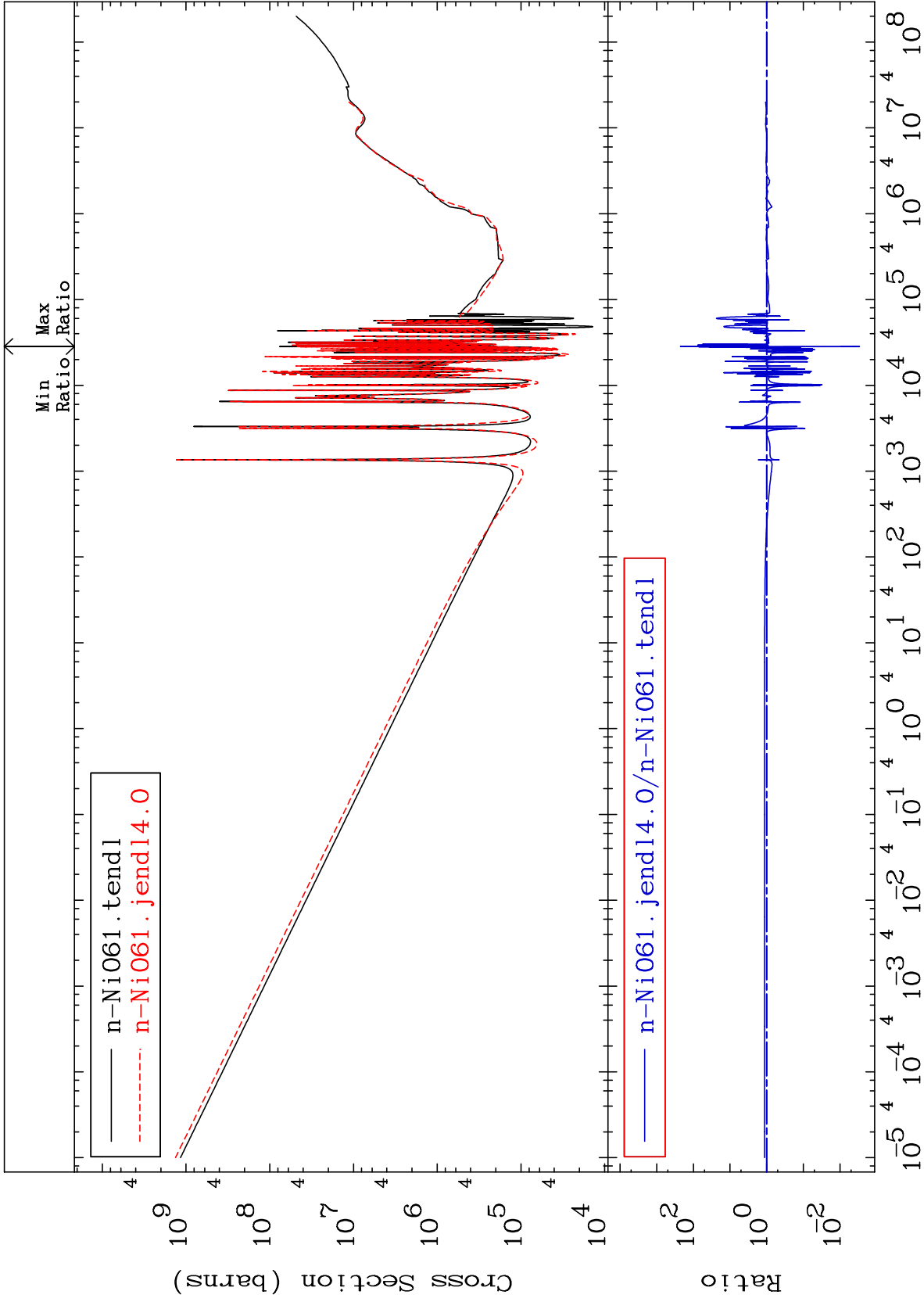


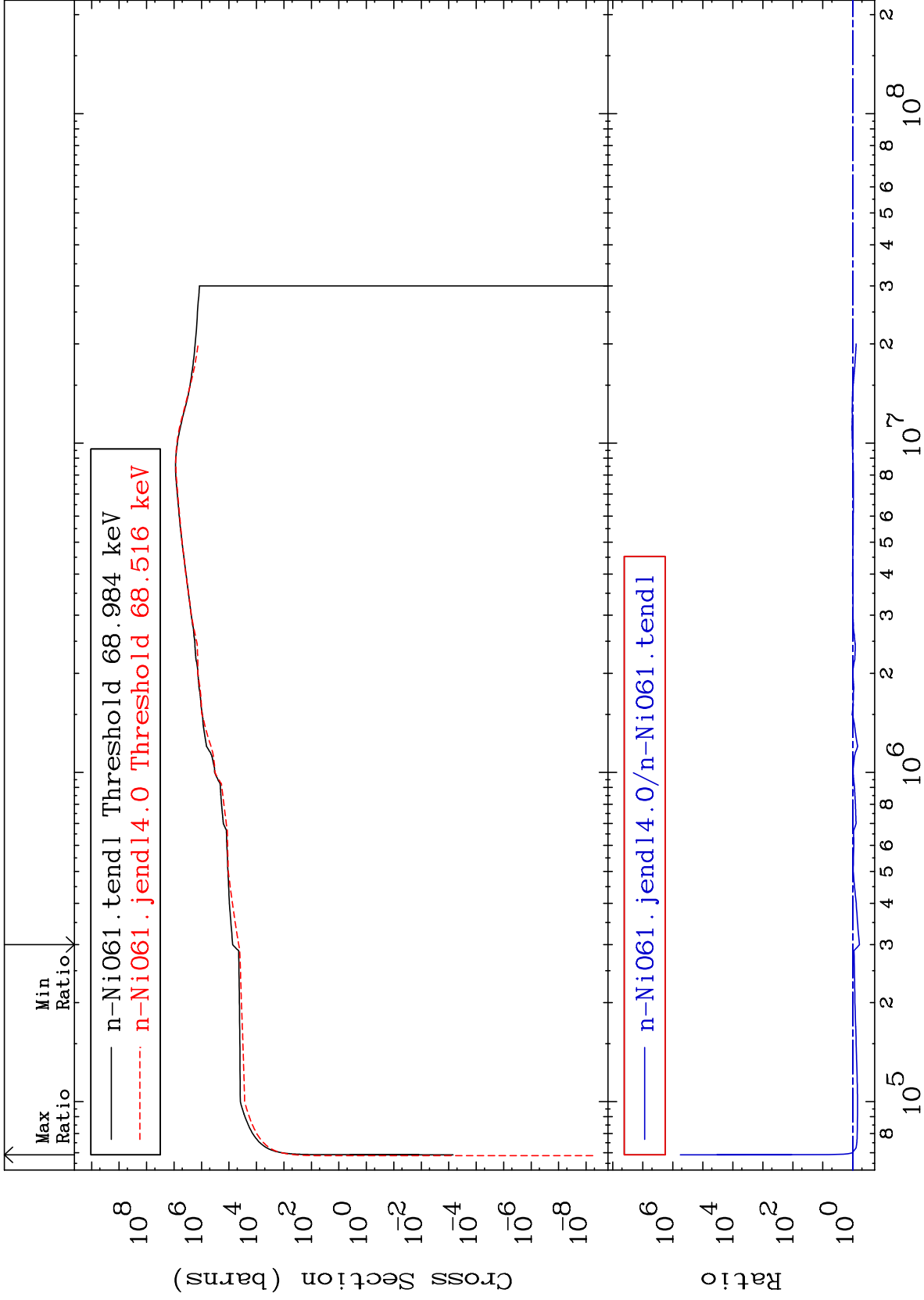
40

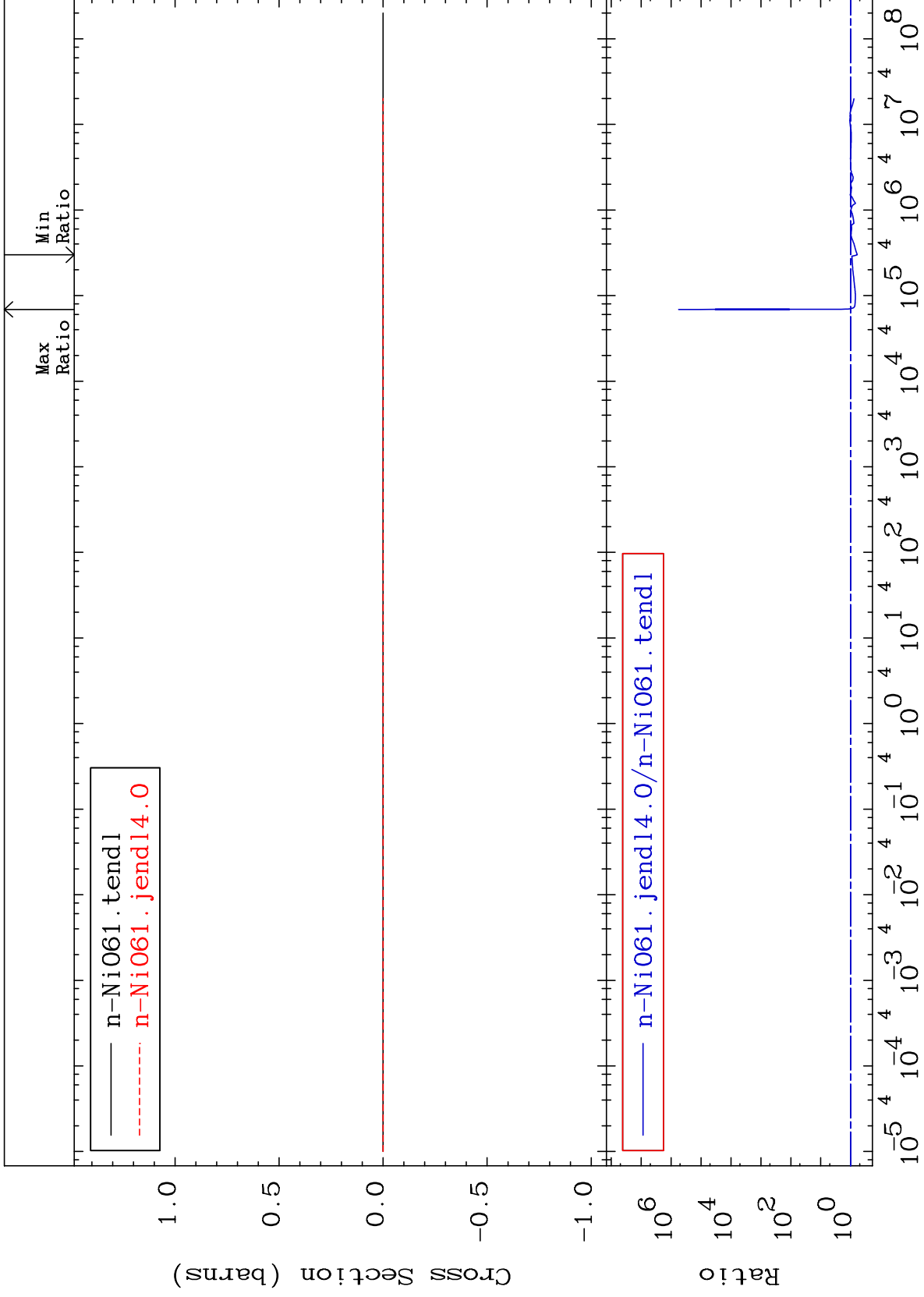
Incident Energy (eV)

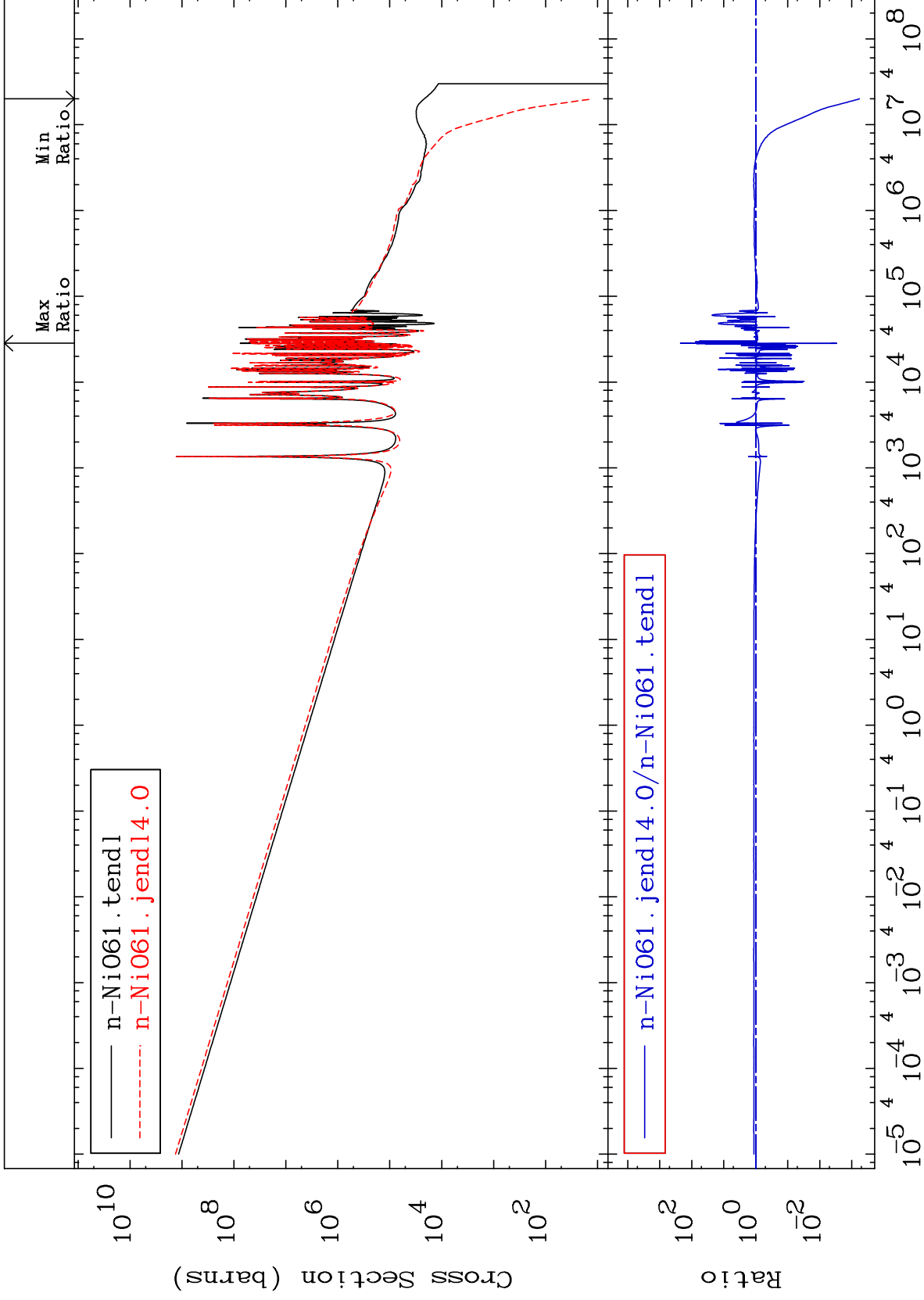
28-Ni-61

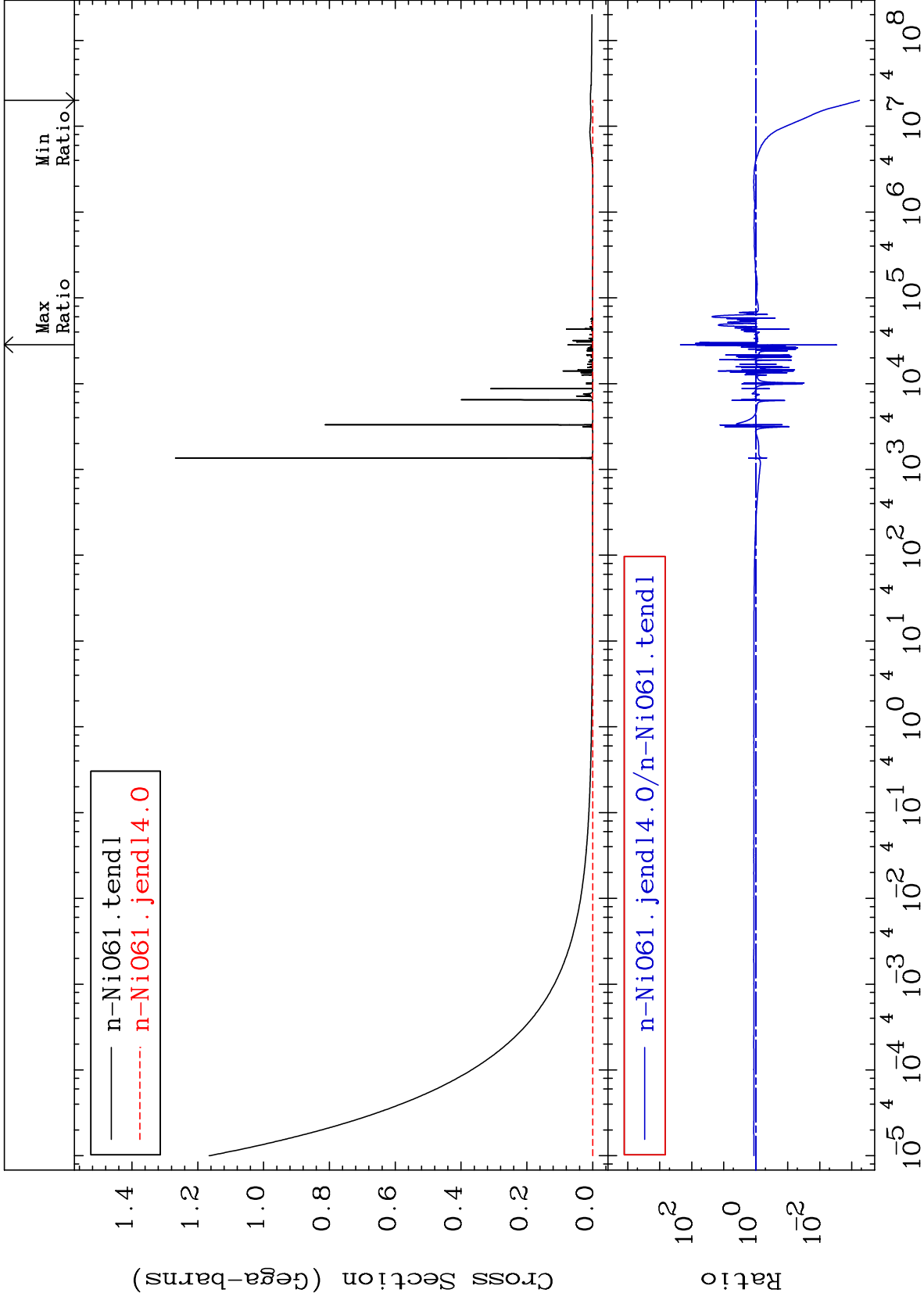








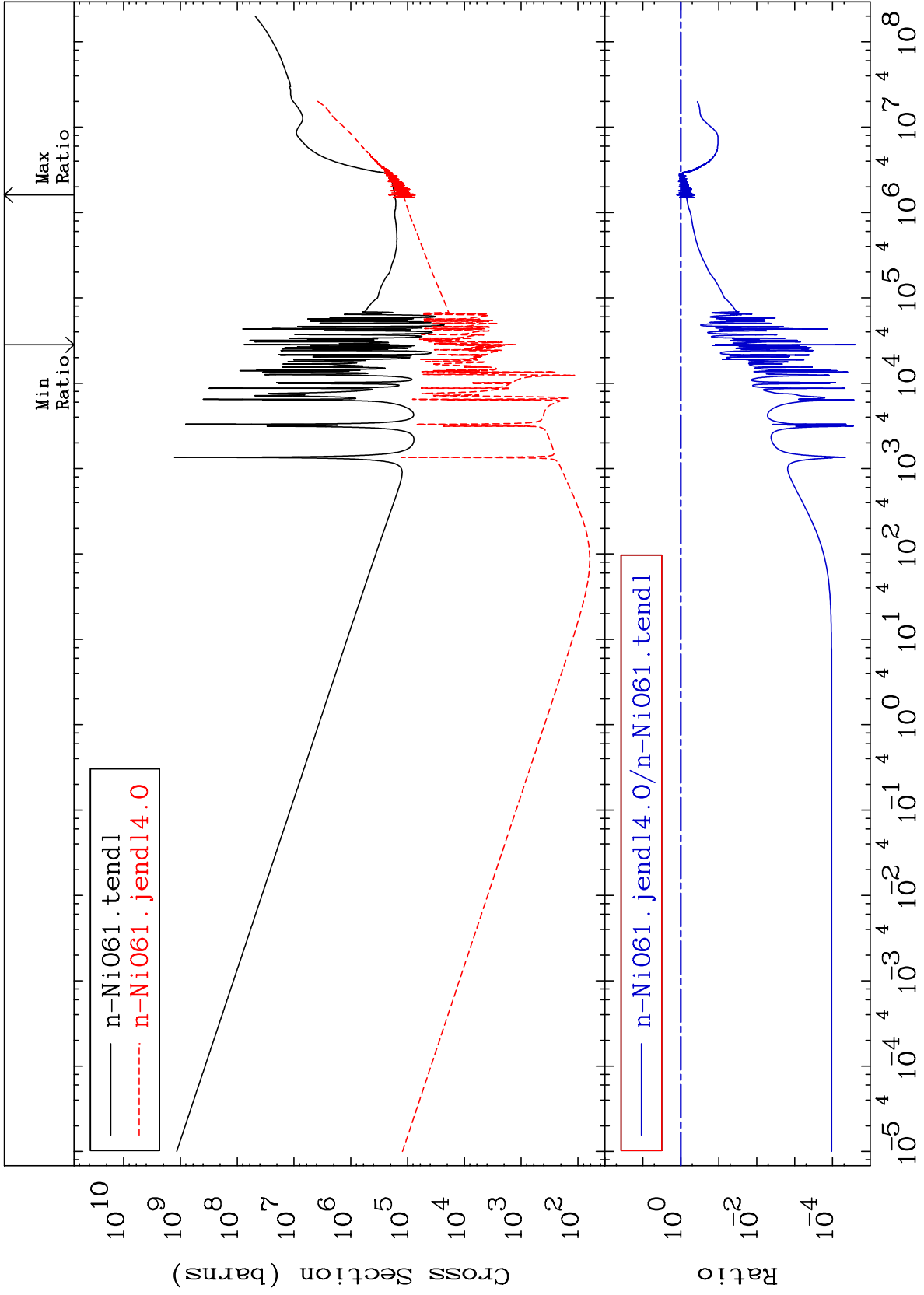




MAT 2834

Total kinematic kerma (high limit)
Cross Section

28-Ni-61
-100.0 To 26.57 %



MAT 2834

Dpa total (eV-barns)
Cross Section

28-Ni-61
-95.08 To 9999. %

