

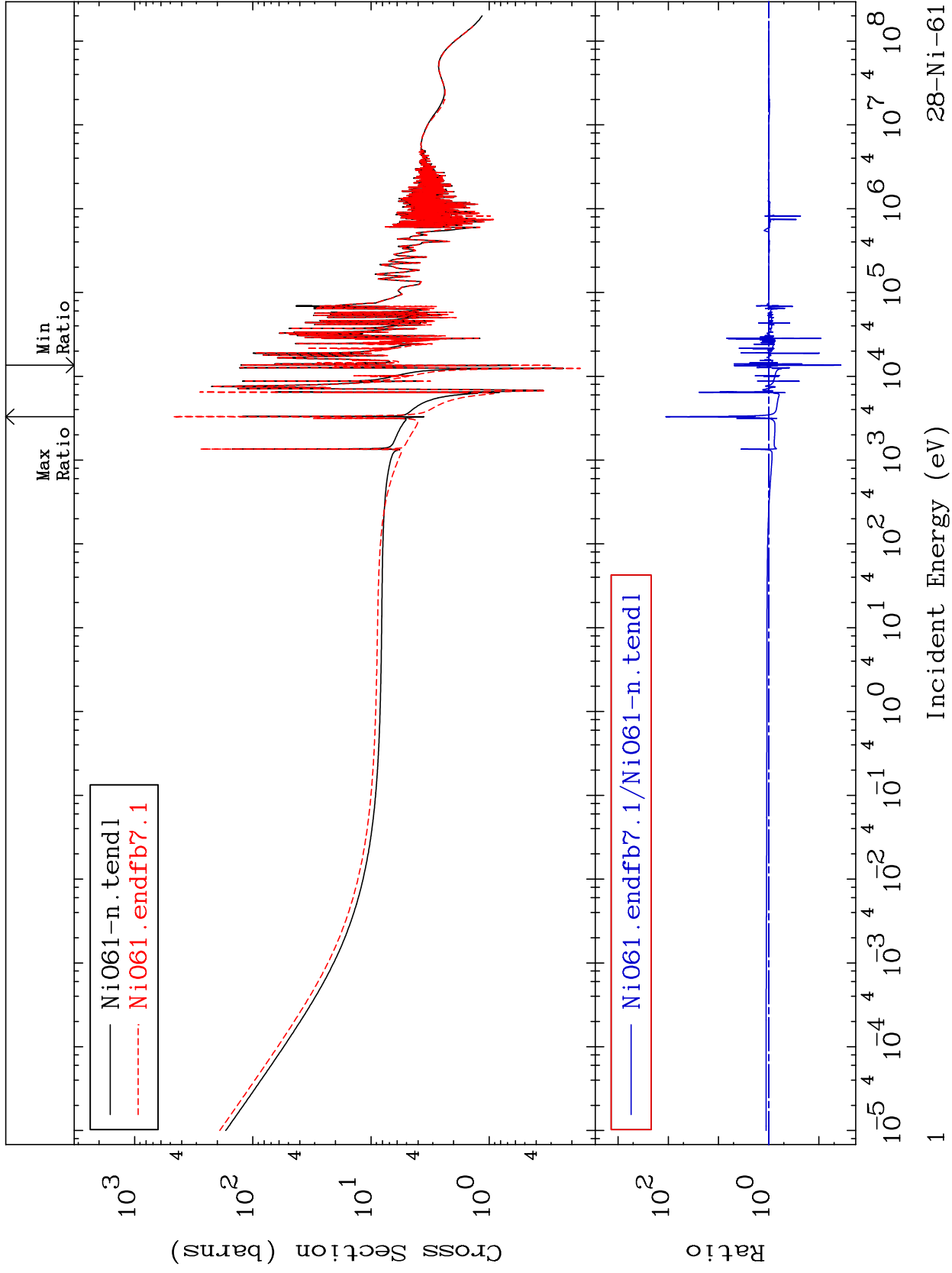
MAT 2834

Total

28-Ni-61

Cross Section

-96.34 To 9999. %



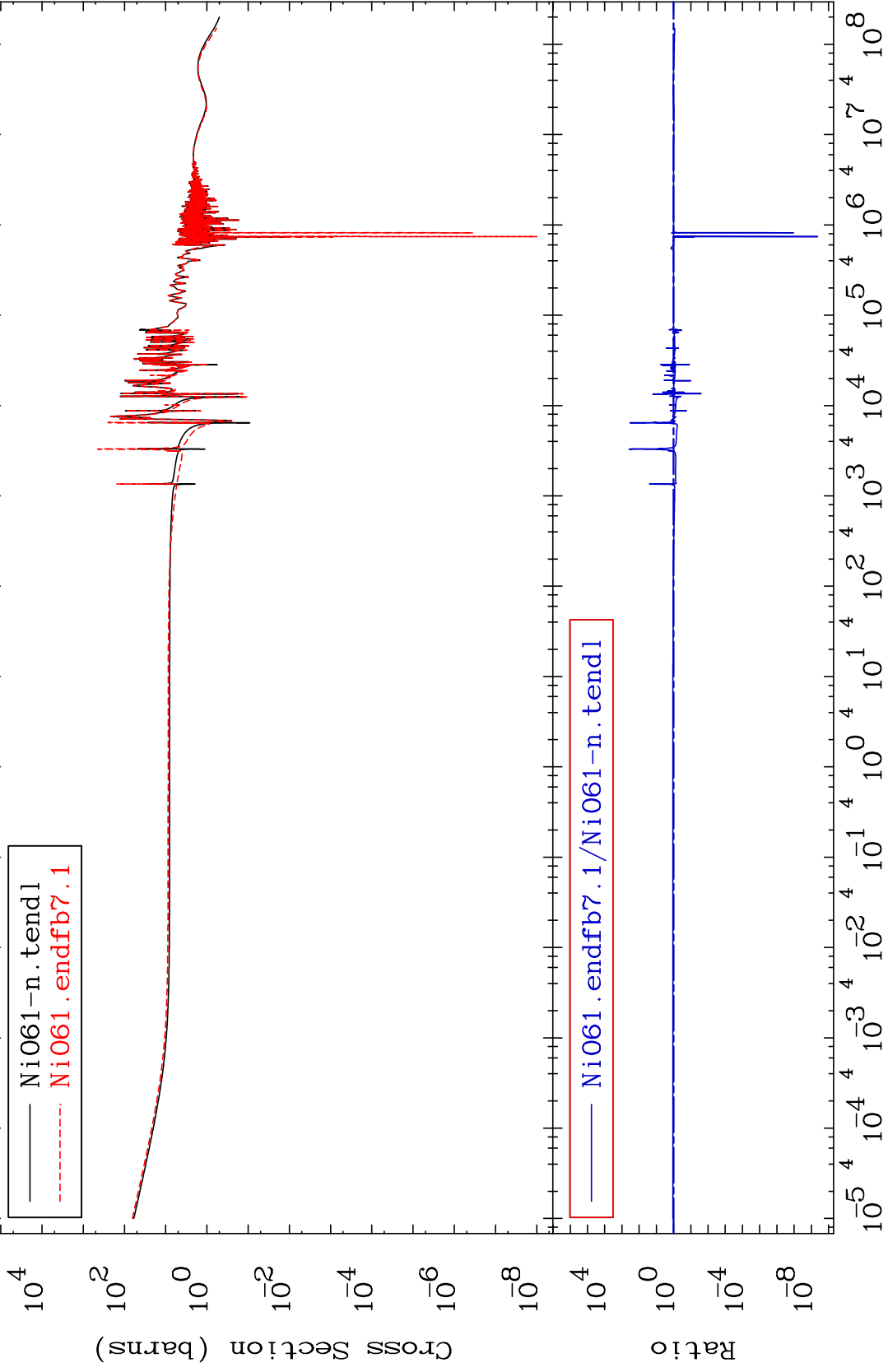
Incident Energy (eV)

28-Ni-61

MAT 2834

Elastic
Cross Section

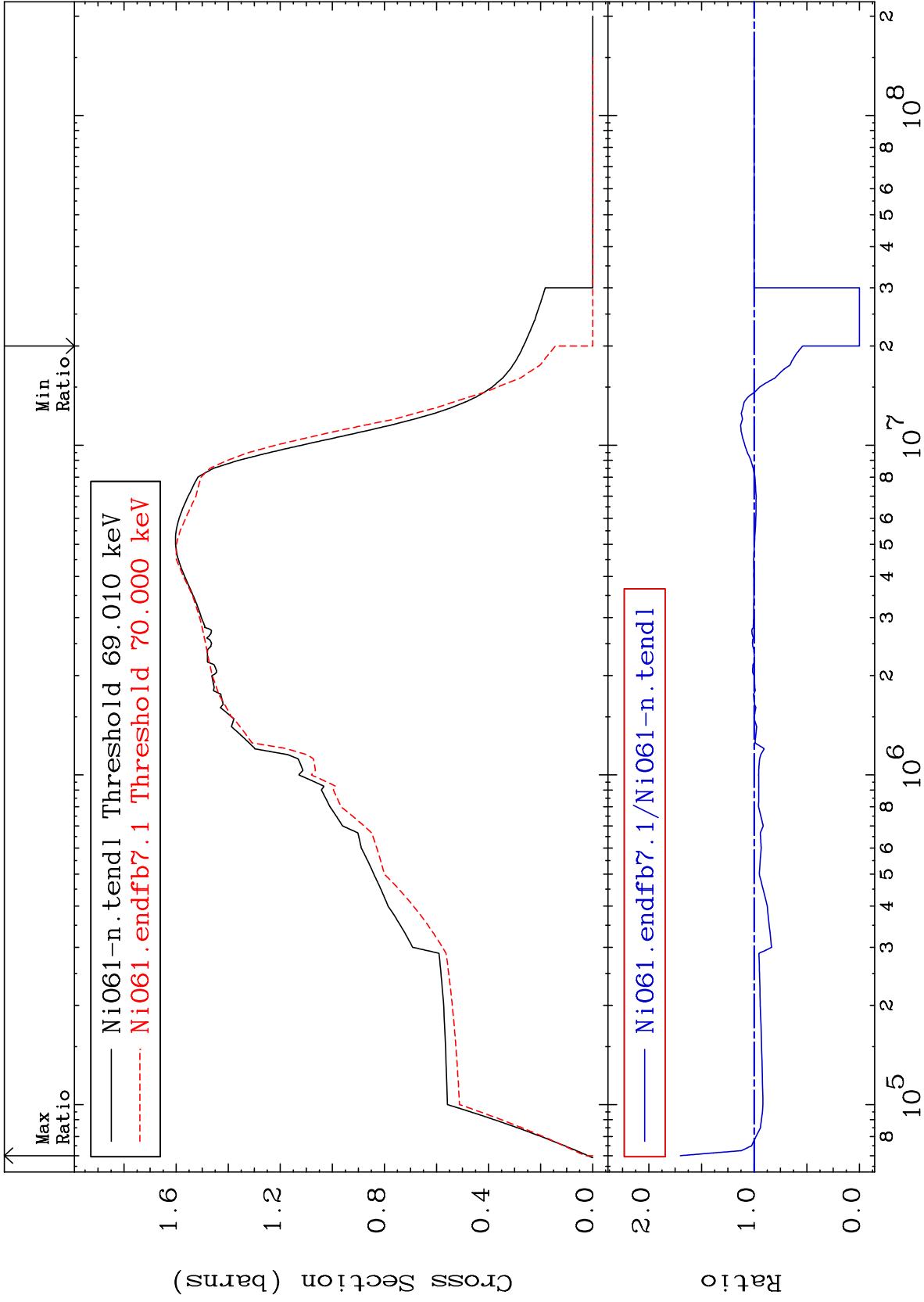
28-Ni-61
-100.0 To 9999. %



MAT 2834

Inelastic
Cross Section

28-Ni-61
-100.0 To 70.06 %



3

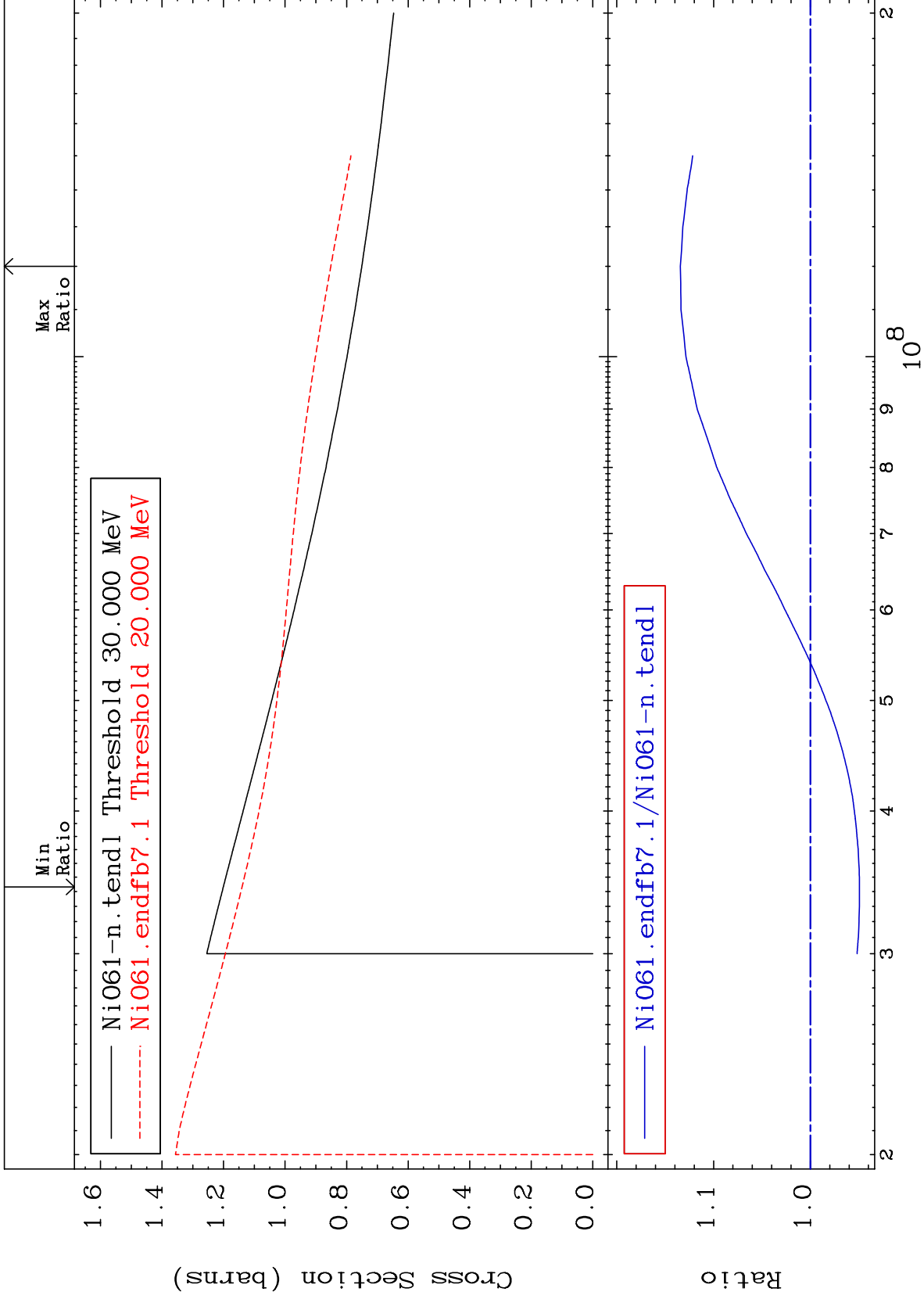
Incident Energy (eV)

28-Ni-61

MAT 2834

(n, remainder)
Cross Section

28-Ni-61
-5.066 To 13.43 %



4

Incident Energy (eV)

28-Ni-61

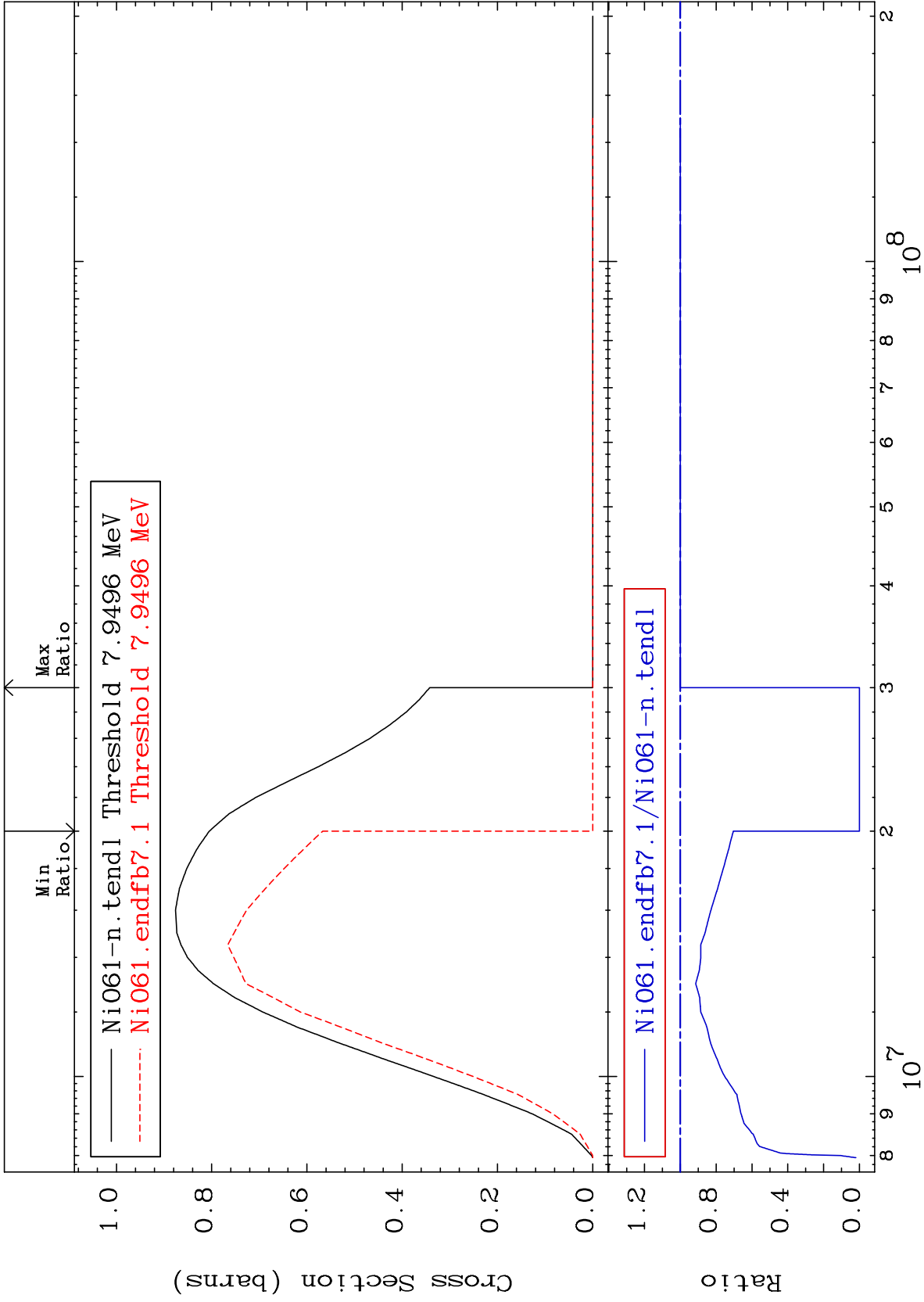
MAT 2834

(n,2n)

28-Ni-61

Cross Section

-100.0 To 0.000 %



5

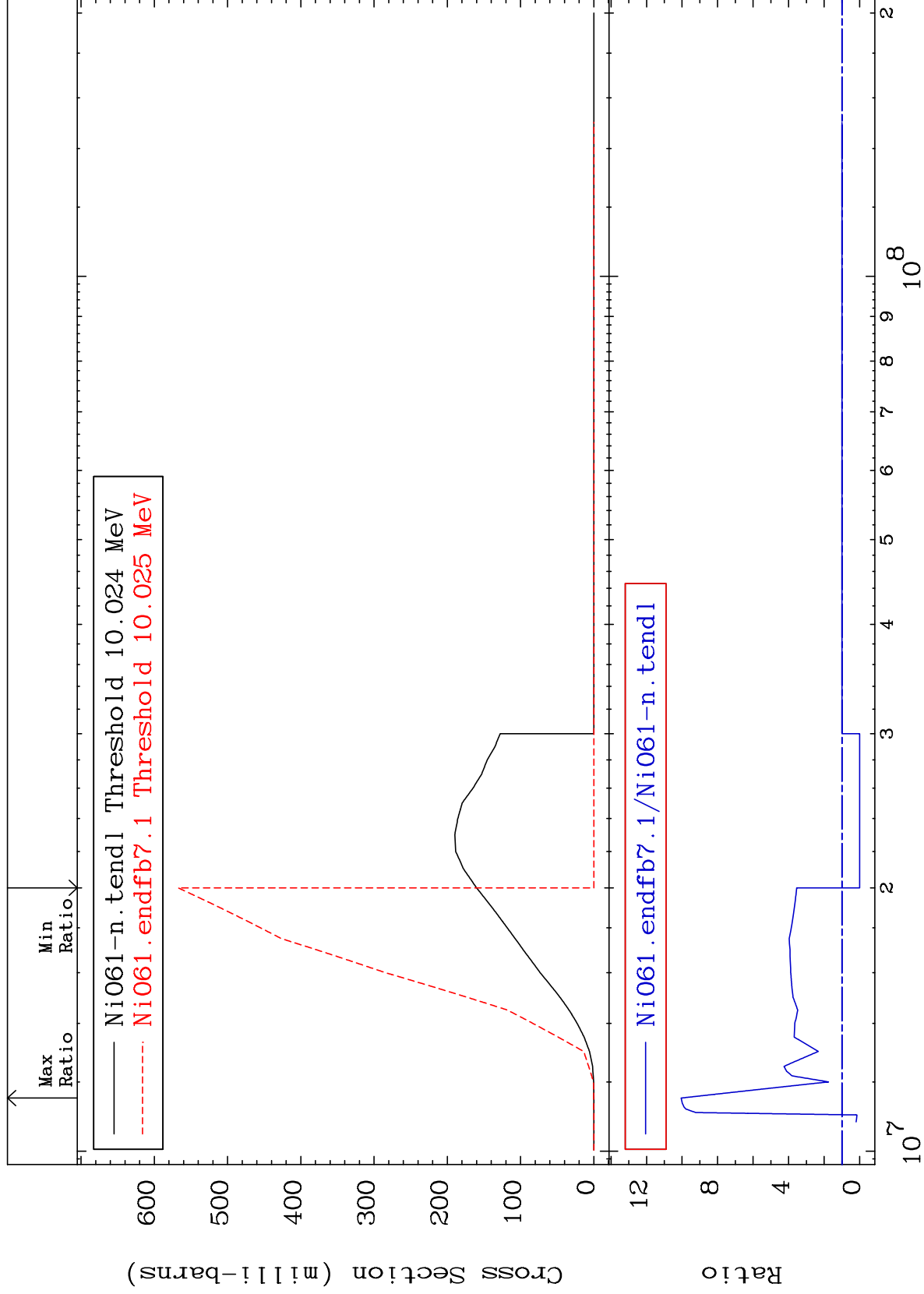
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,n') p
Cross Section

28-Ni-61
-100.0 To 905.0 %

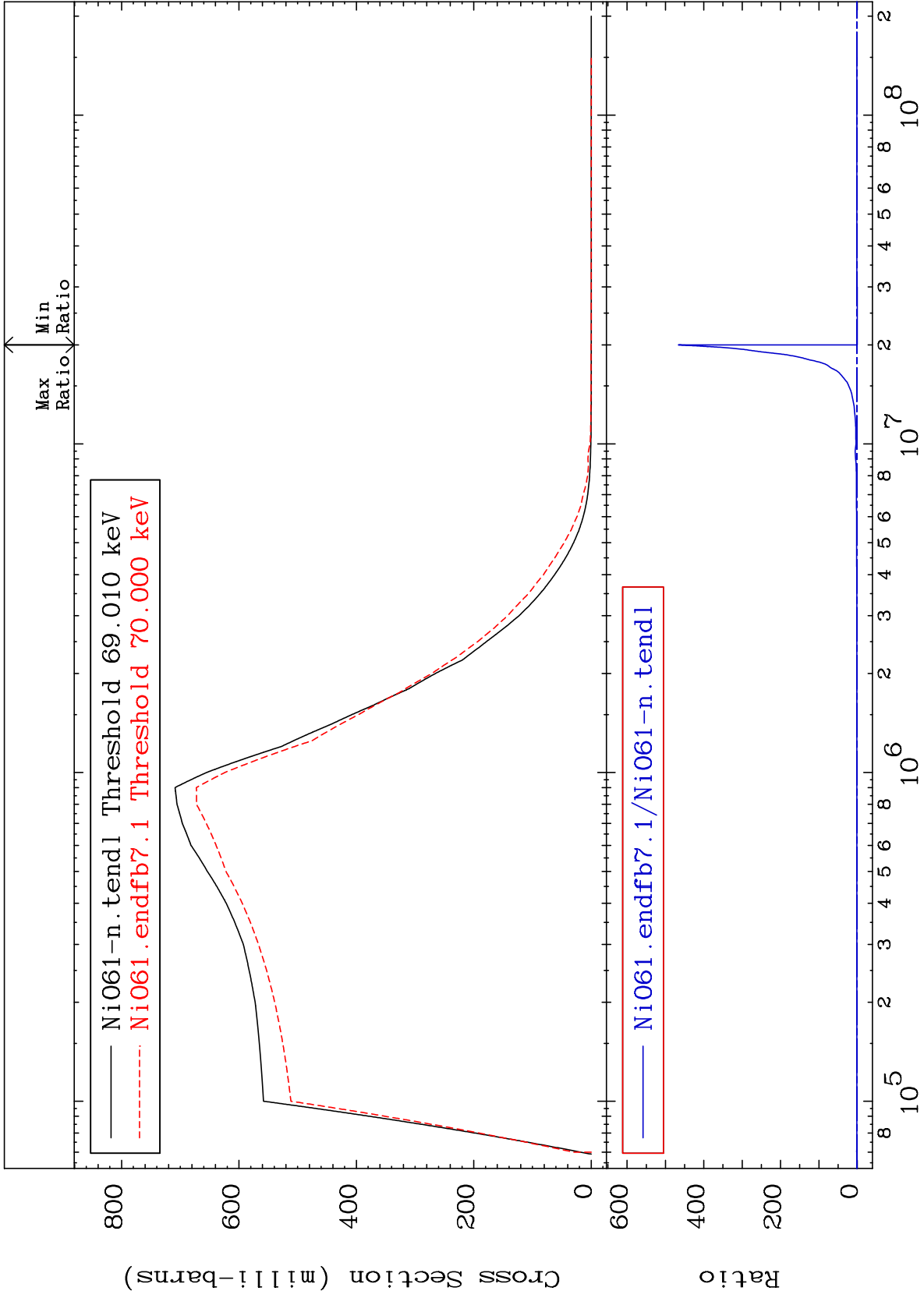


28-Ni-61

MAT 2834

67.41 keV (n,n') Level
Cross Section

28-Ni-61
-100.0 To 9999. %



7

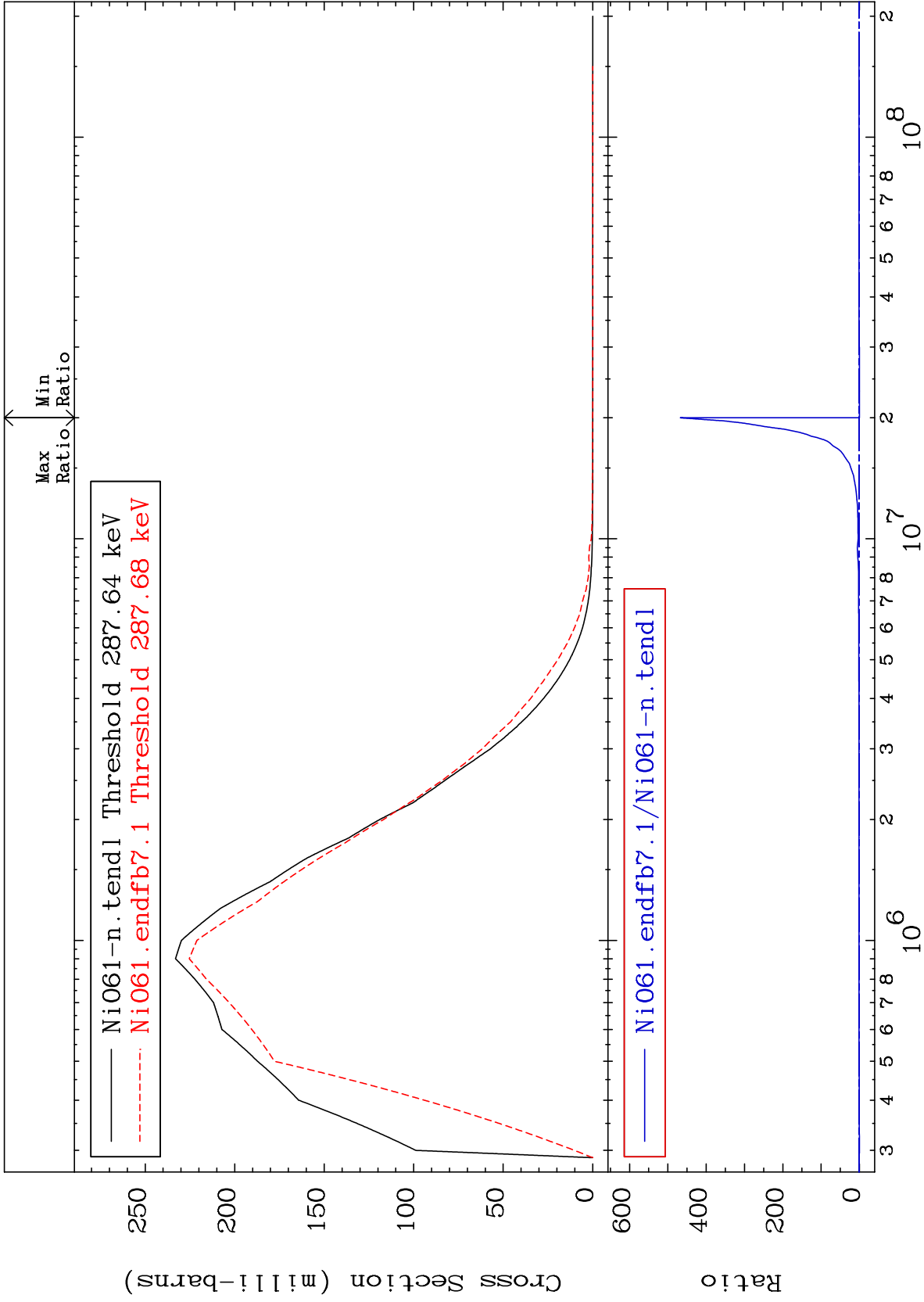
Incident Energy (eV)

28-Ni-61

MAT 2834

283.0 keV (n,n') Level
Cross Section

28-Ni-61
-100.0 To 9999. %



8

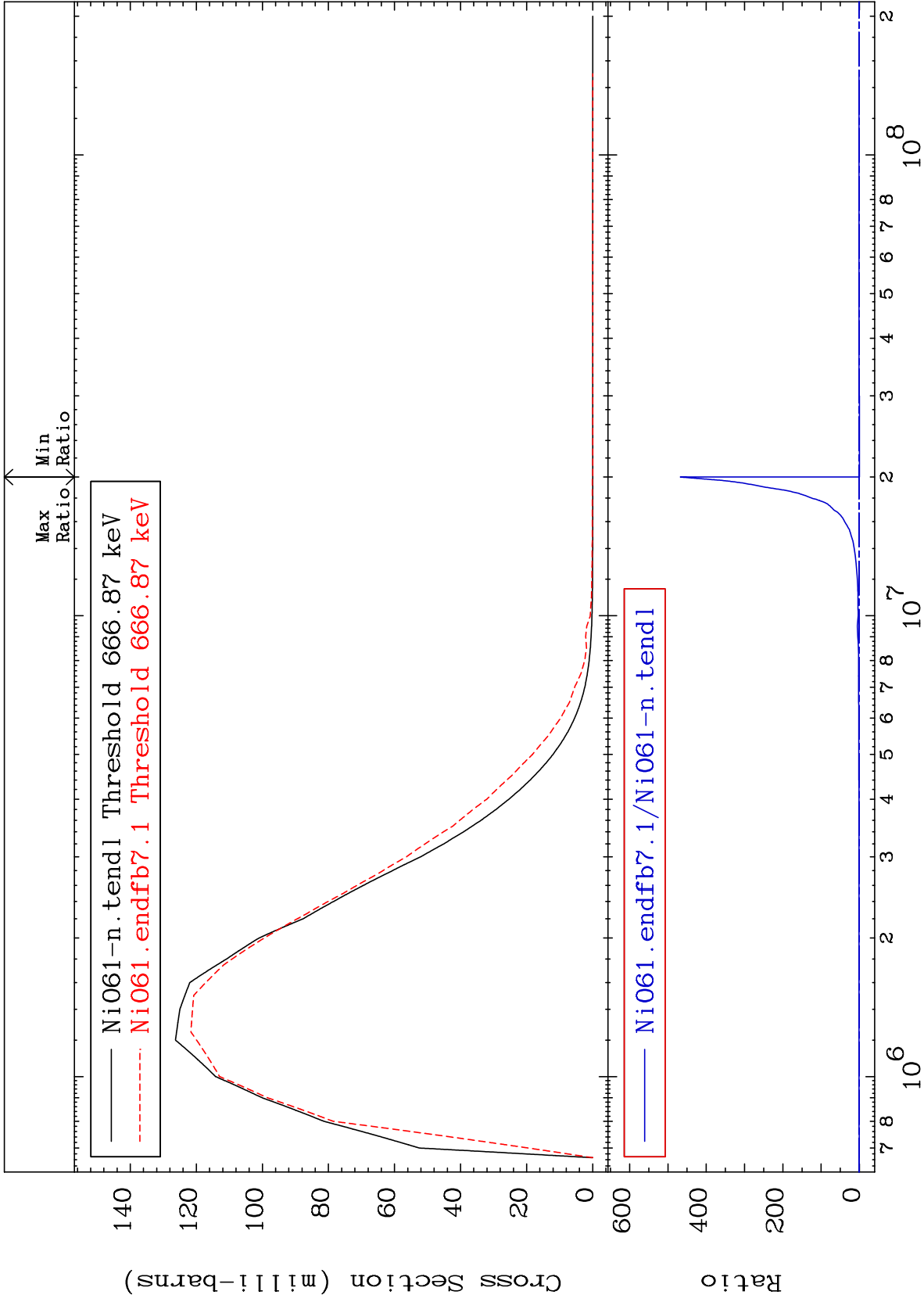
Incident Energy (eV)

28-Ni-61

MAT 2834

656.0 keV (n,n') Level
Cross Section

28-Ni-61
-100.0 To 9999. %



9

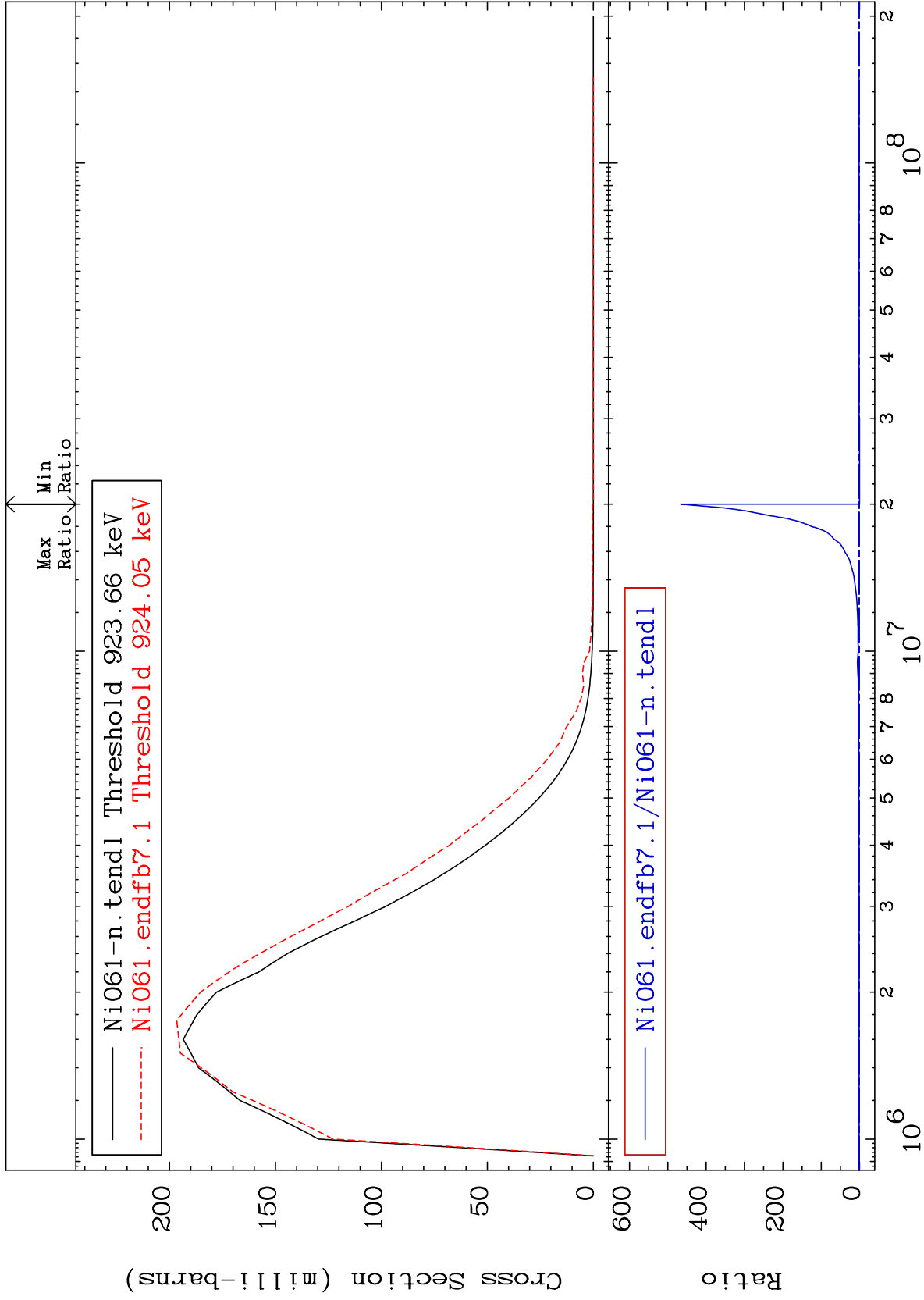
Incident Energy (eV)

28-Ni-61

MAT 2834

908.6 keV (n,n') Level
Cross Section

28-Ni-61
-100.0 To 9999. %



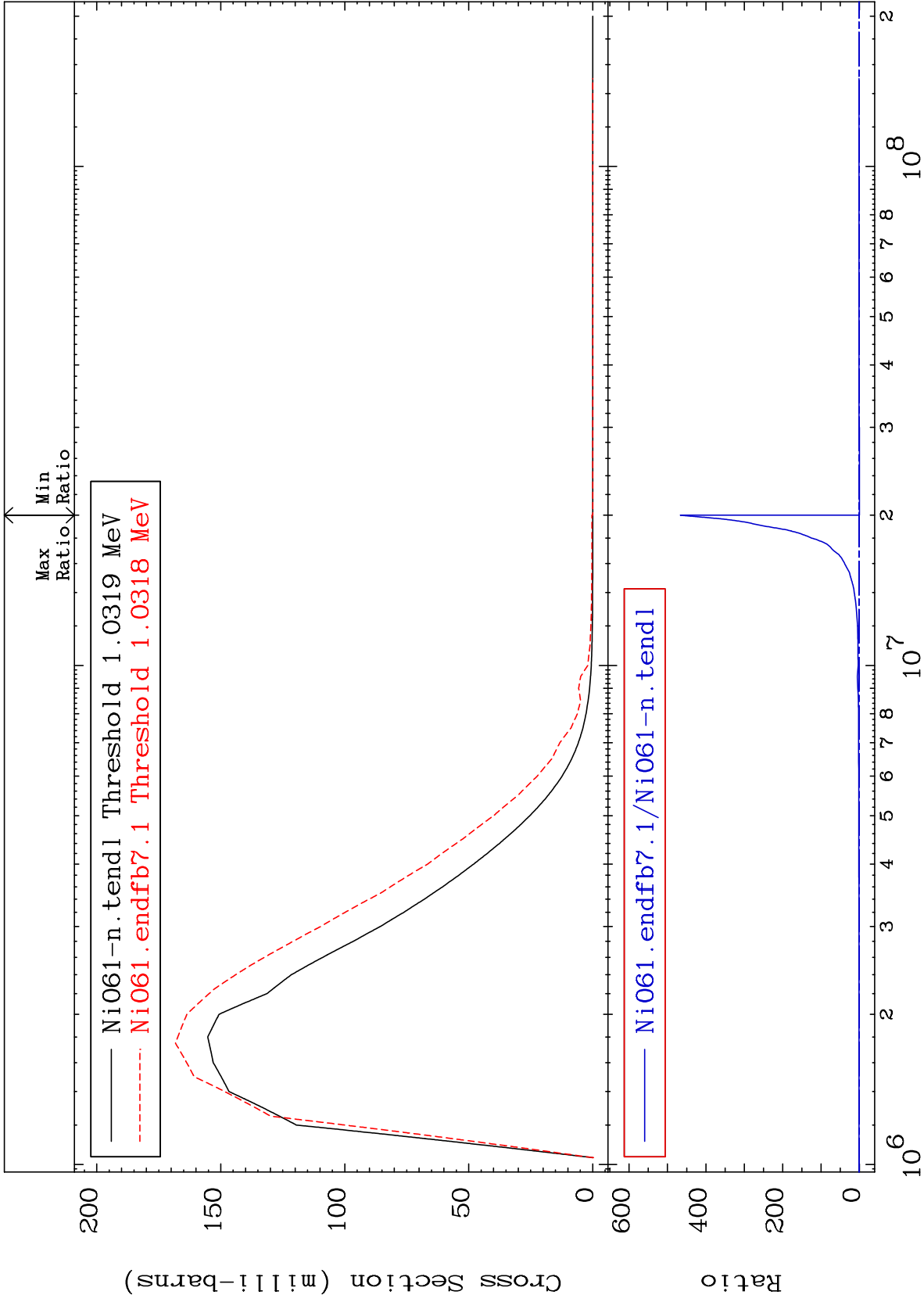
Incident Energy (eV)

28-Ni-61

MAT 2834

1.015 MeV (n,n') Level
Cross Section

28-Ni-61
-100.0 To 9999. %



11

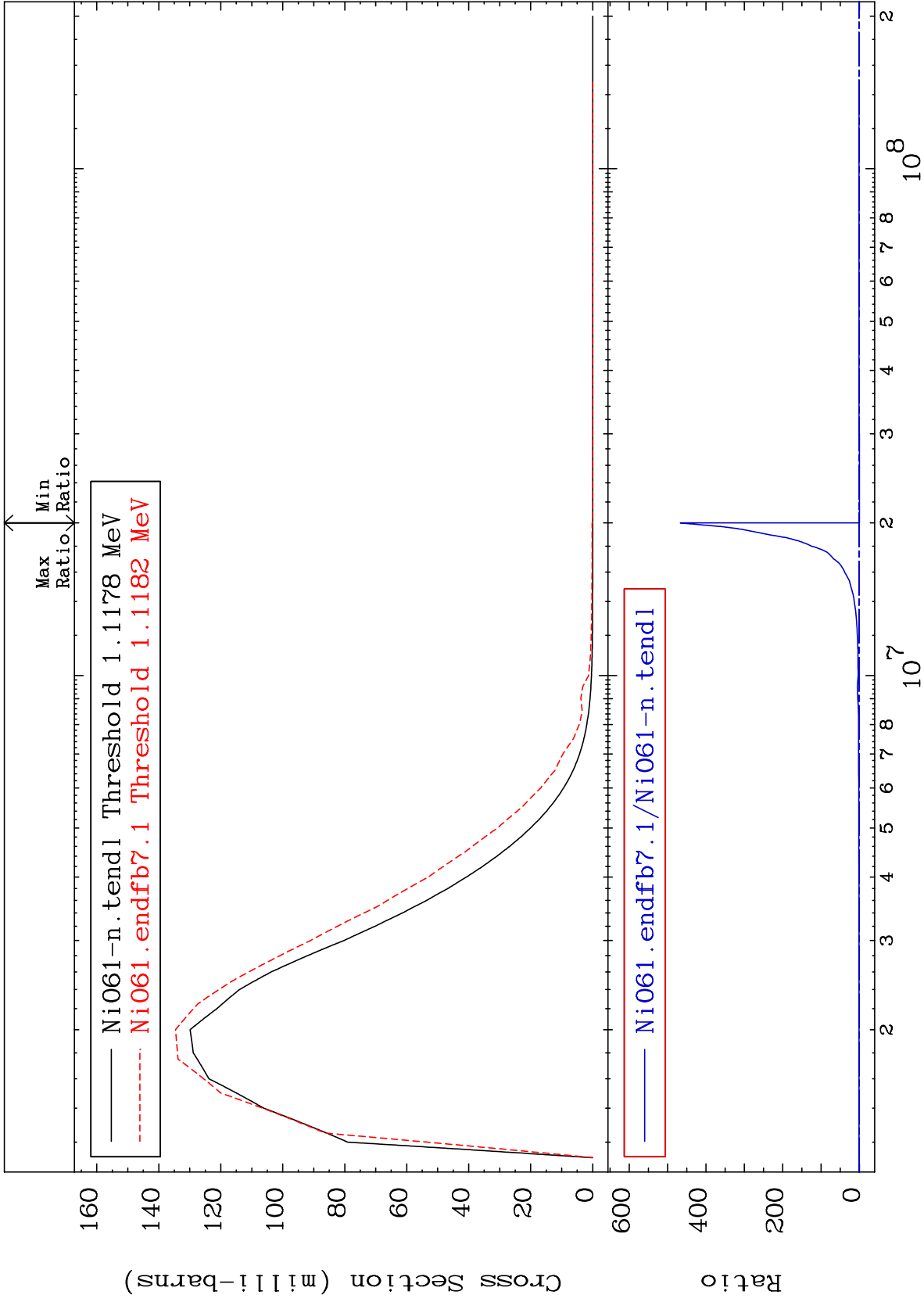
Incident Energy (eV)

28-Ni-61

MAT 2834

1.100 MeV (n,n') Level
Cross Section

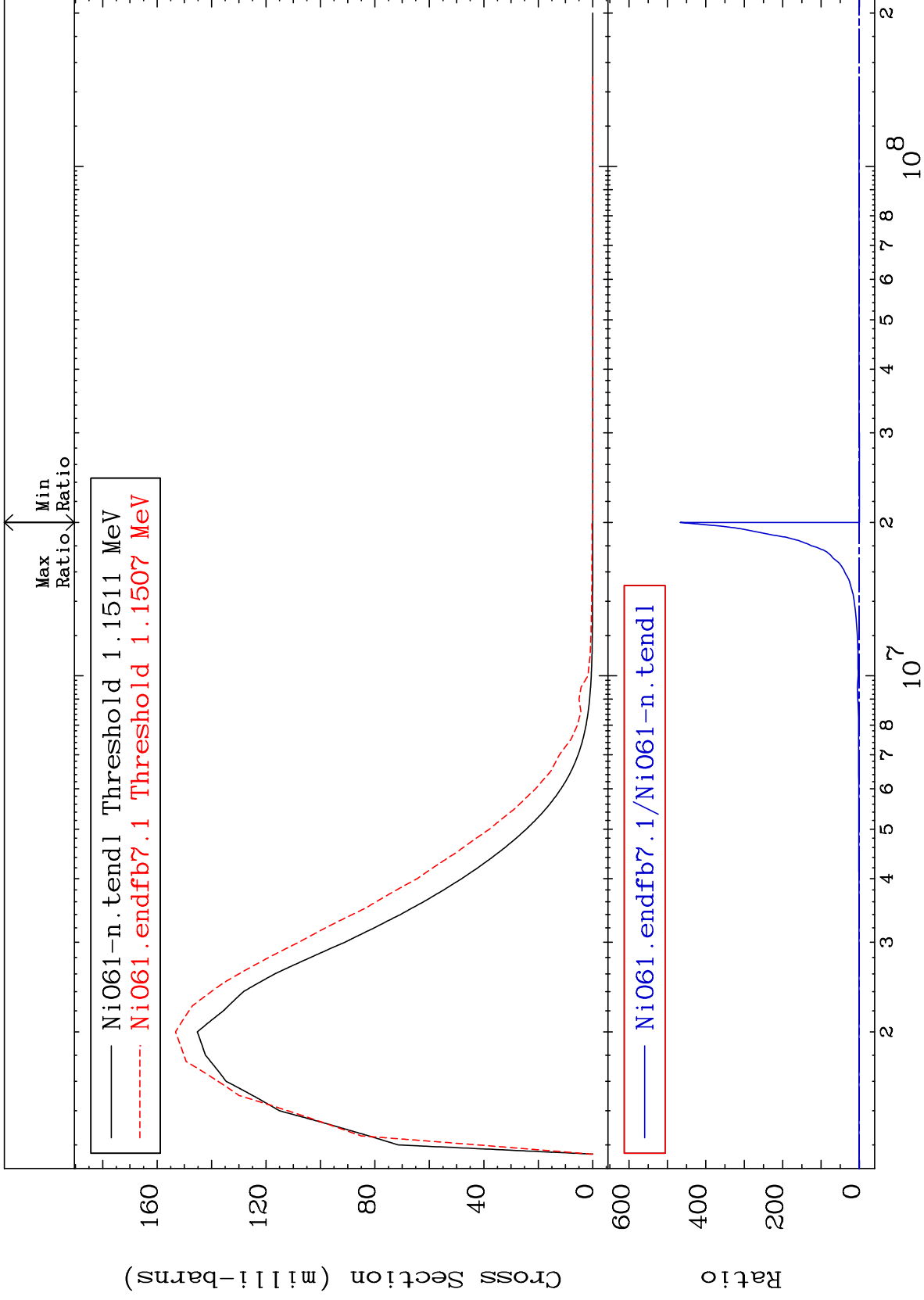
28-Ni-61
-100.0 To 9999. %



MAT 2834

1.132 MeV (n,n') Level
Cross Section

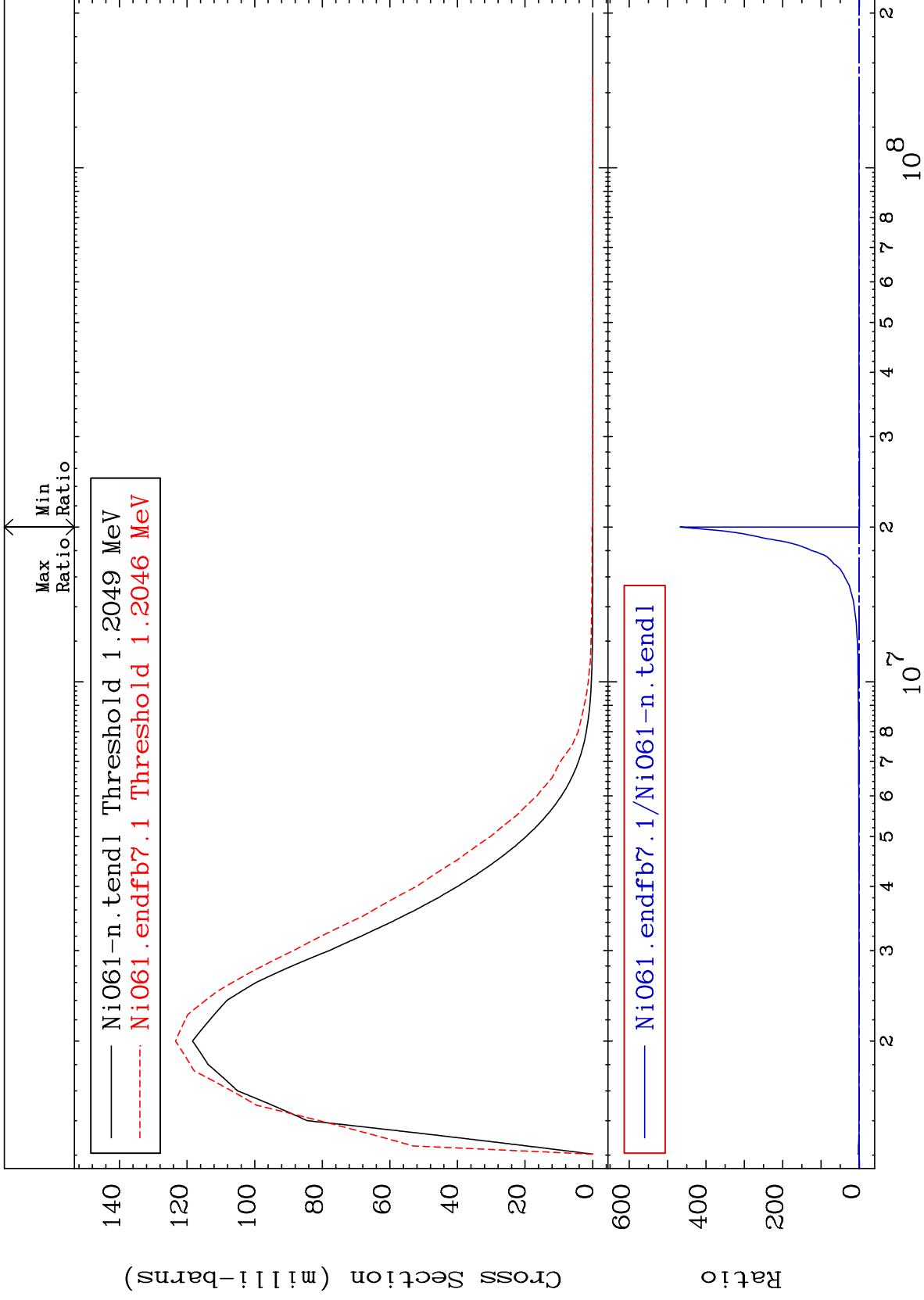
28-Ni-61
-100.0 To 9999. %



MAT 2834

1.185 MeV (n,n') Level
Cross Section

28-Ni-61
-100.0 To 9999. %



14

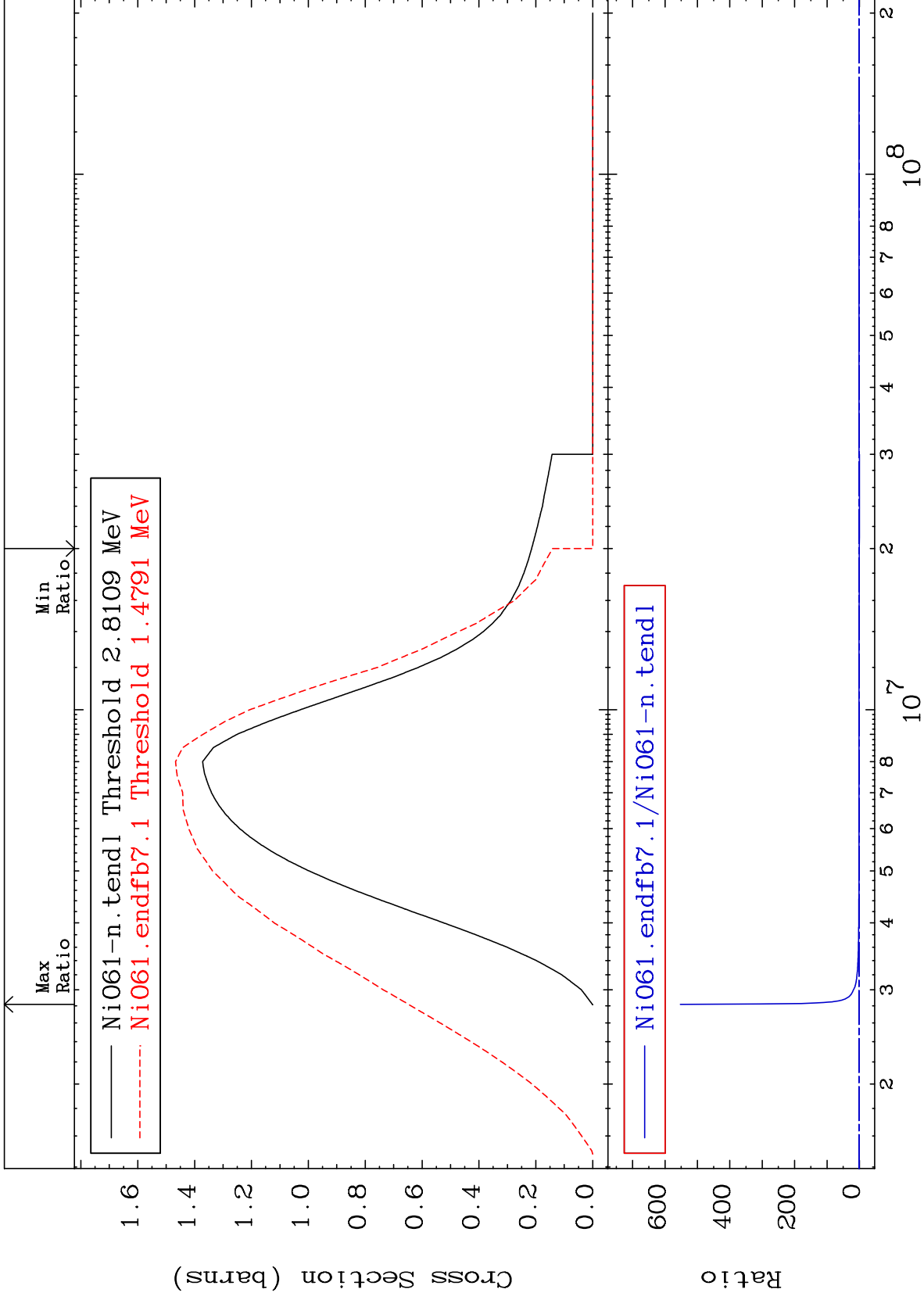
Incident Energy (eV)

28-Ni-61

MAT 2834

(n, n') Continuum
Cross Section

28-Ni-61
-100.0 To 9999. %

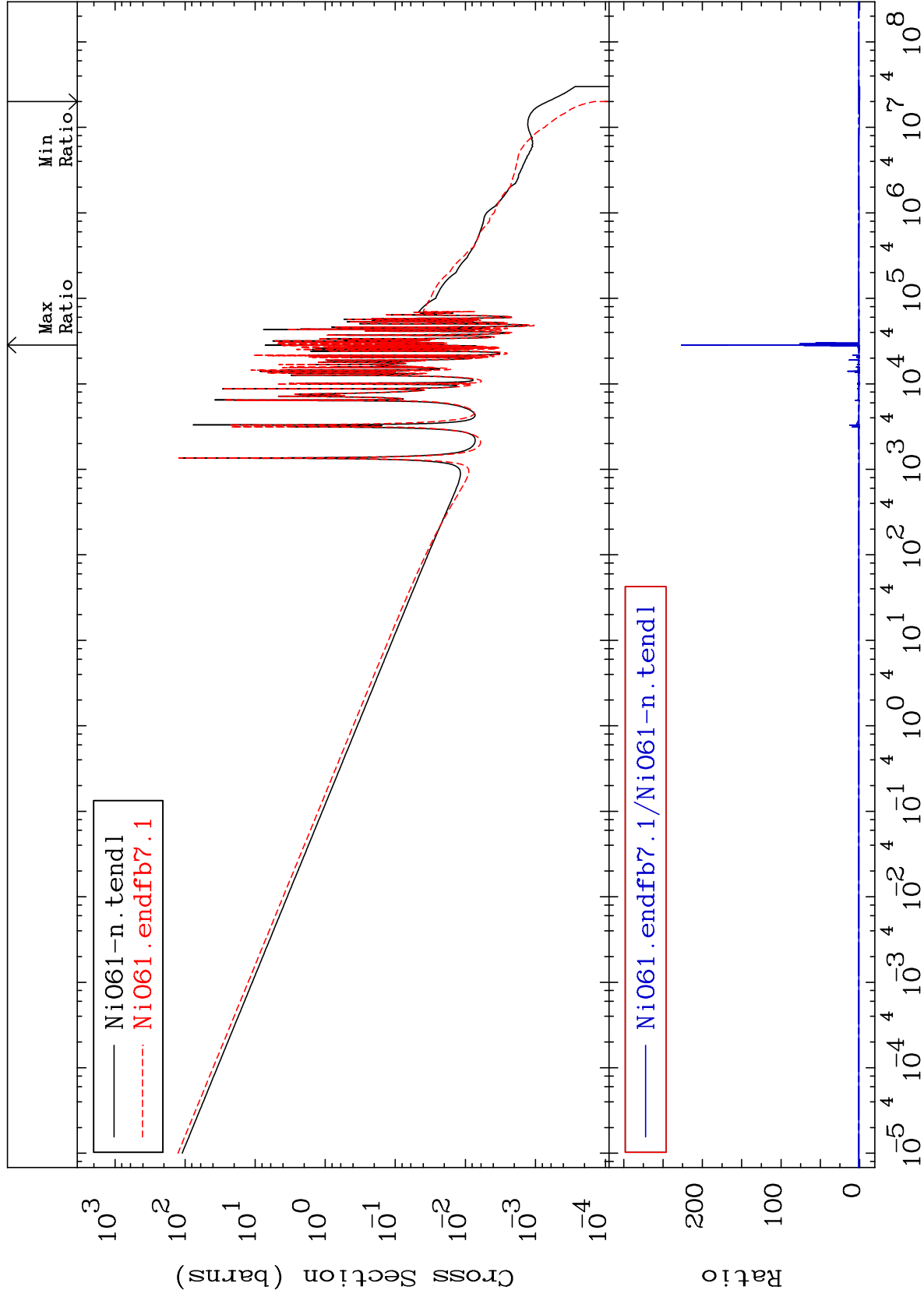


MAT 2834

(n, γ)
Cross Section

28-Ni-61

-100.0 To 9999. %



28-Ni-61

Incident Energy (eV)

16

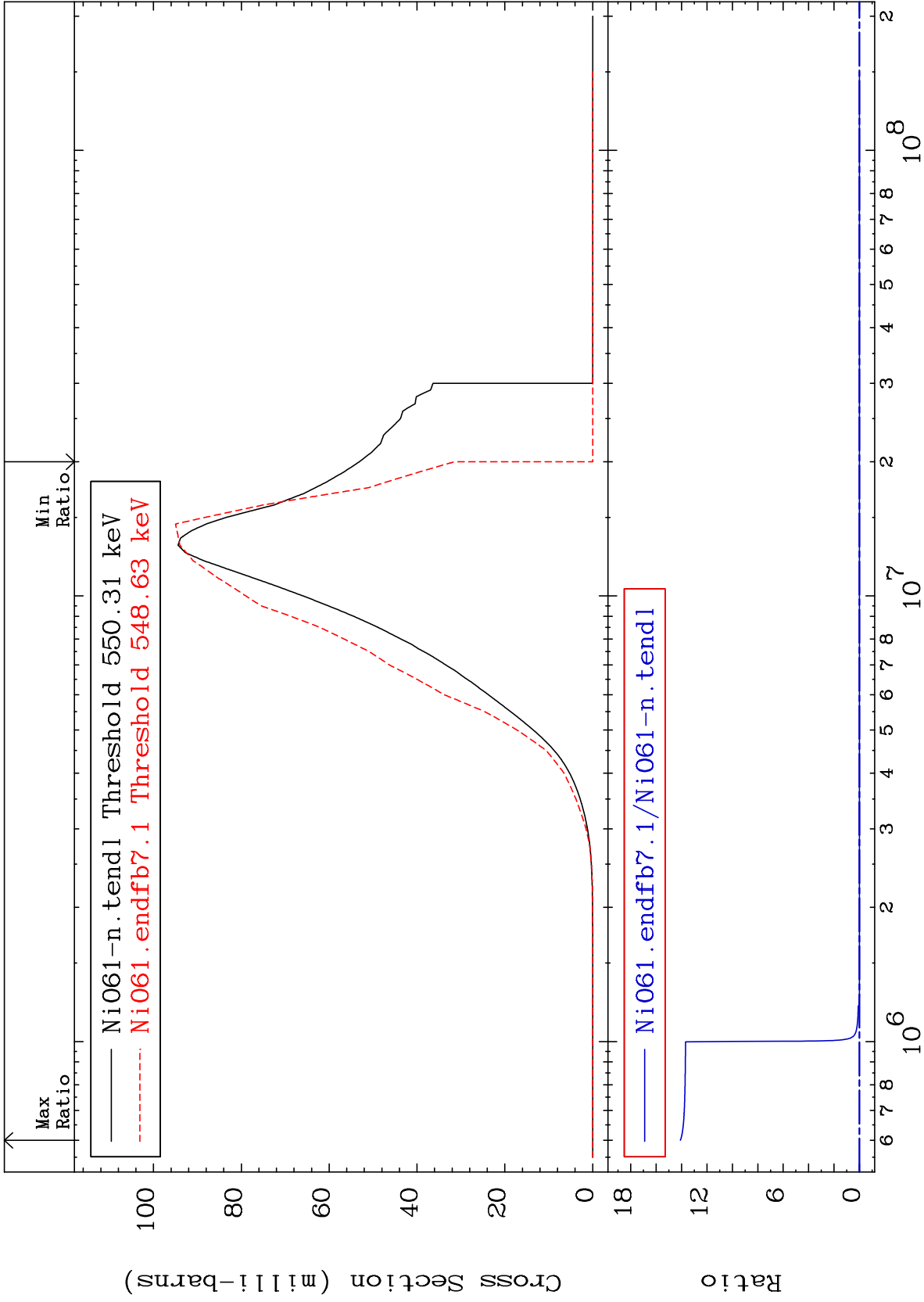
MAT 2834

(n,p)

28-Ni-61

Cross Section

-100.0 To 9999. %



17

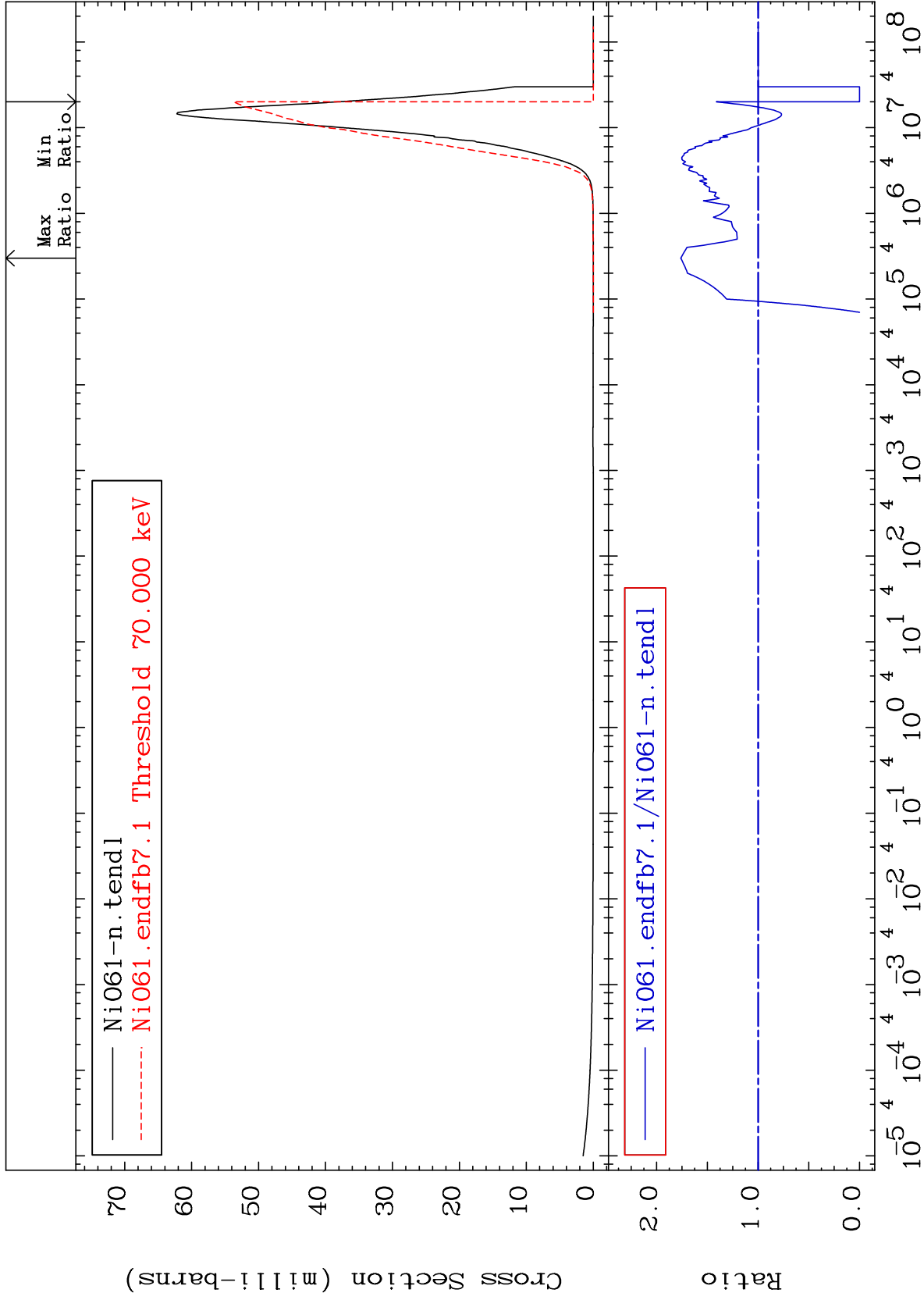
Incident Energy (eV)

28-Ni-61

MAT 2834

(n, α)
Cross Section

28-Ni-61
-100.0 To 76.18 %



18

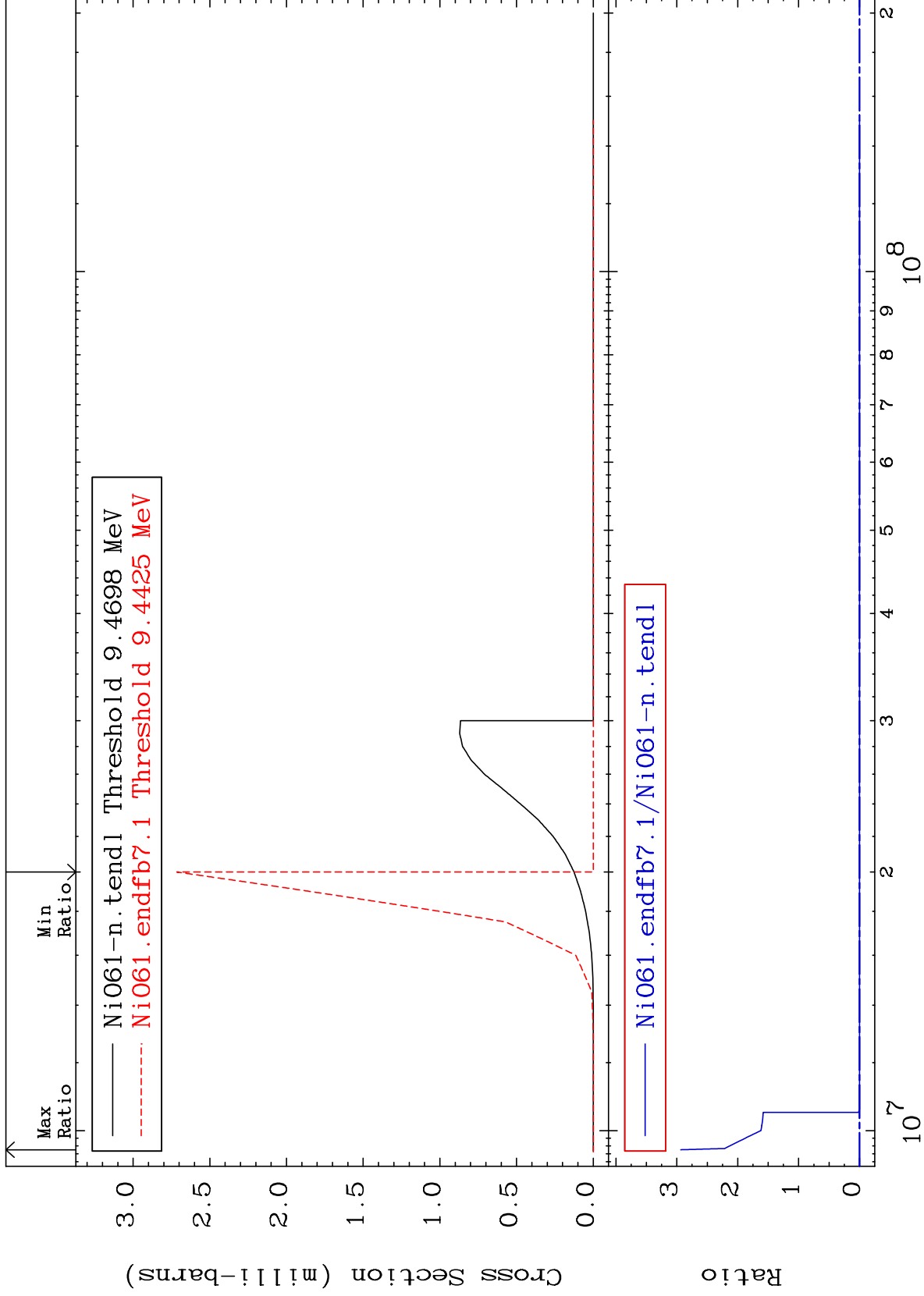
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,2p)
Cross Section

28-Ni-61
-100.0 To 9999. %



19

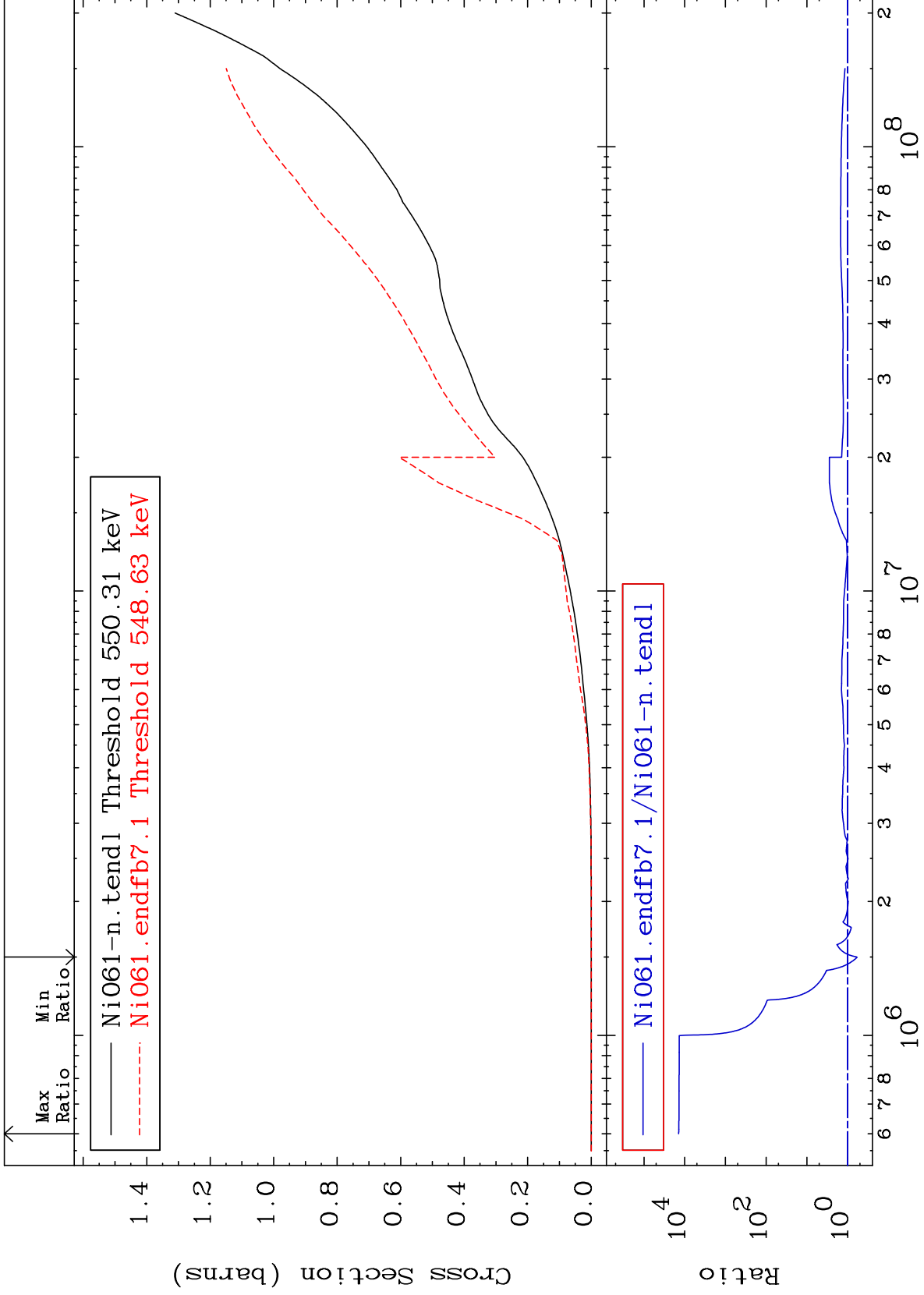
Incident Energy (eV)

28-Ni-61

MAT 2834

Hydrogen Production
Cross Section

28-Ni-61
-41.69 To 9999. %



20

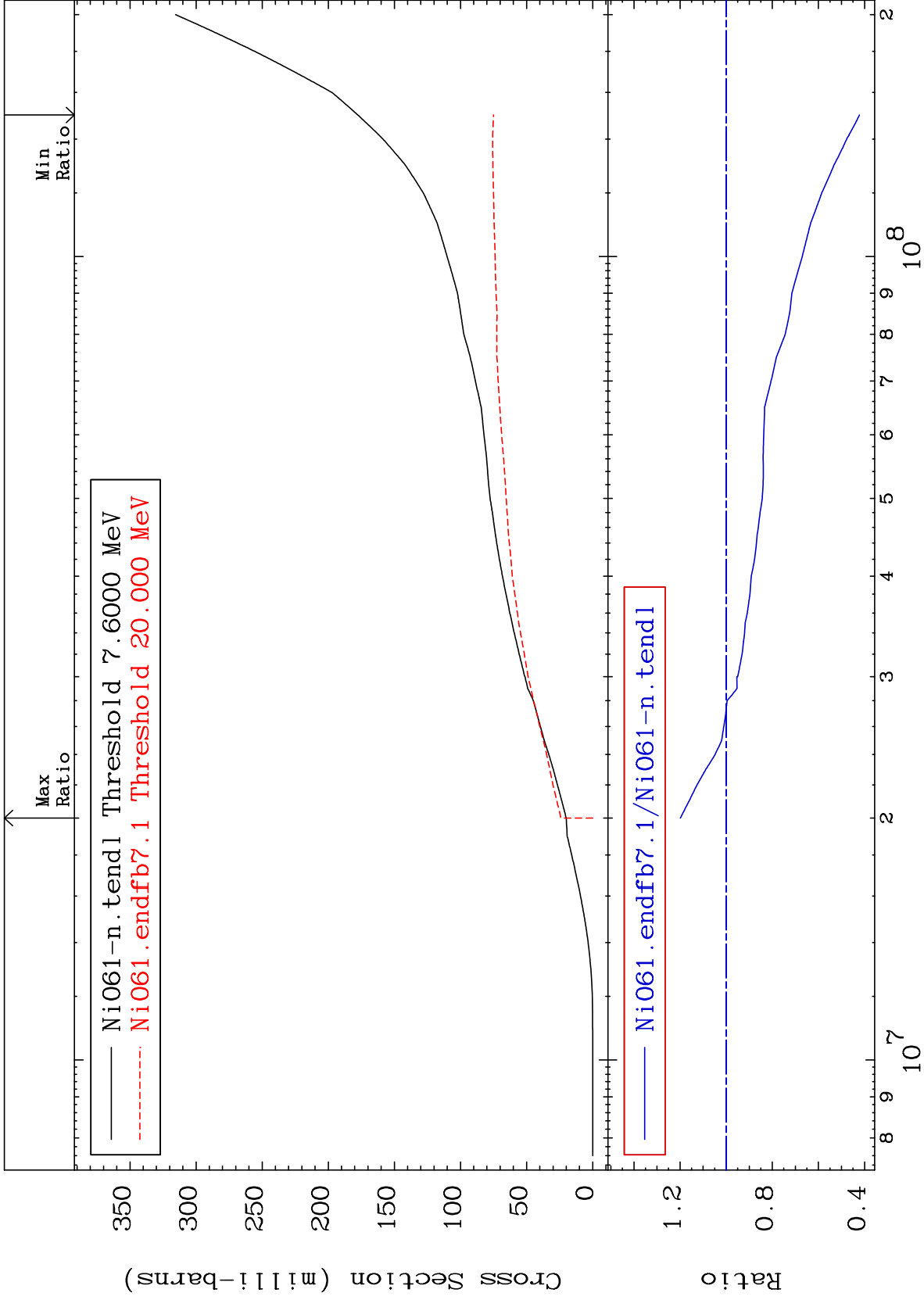
Incident Energy (eV)

28-Ni-61

MAT 2834

Deuterium Production
Cross Section

²⁸Ni-61
-57.78 To 19.87 %



21

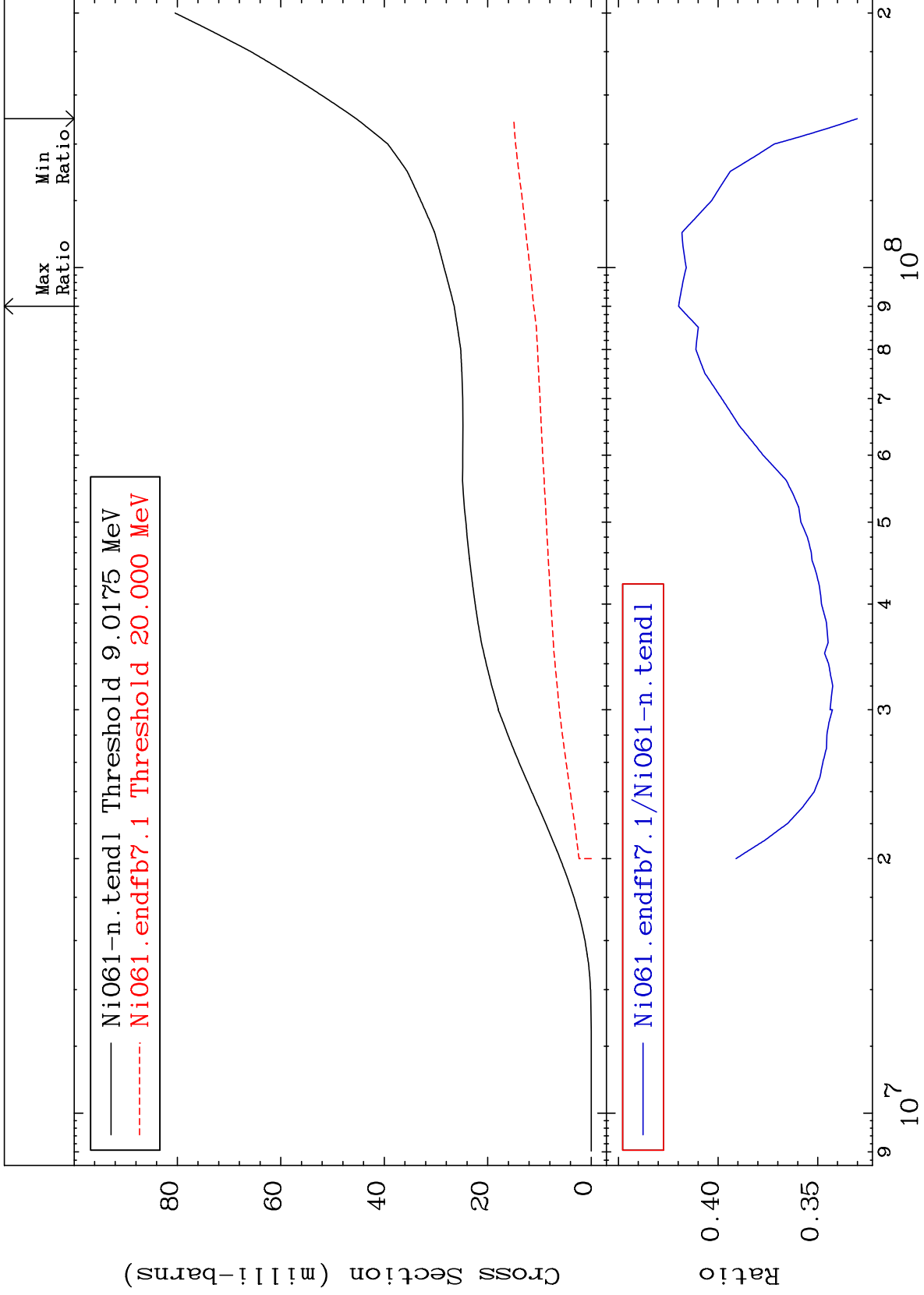
Incident Energy (eV)

²⁸Ni-61

MAT 2834

Tritium Production Cross Section

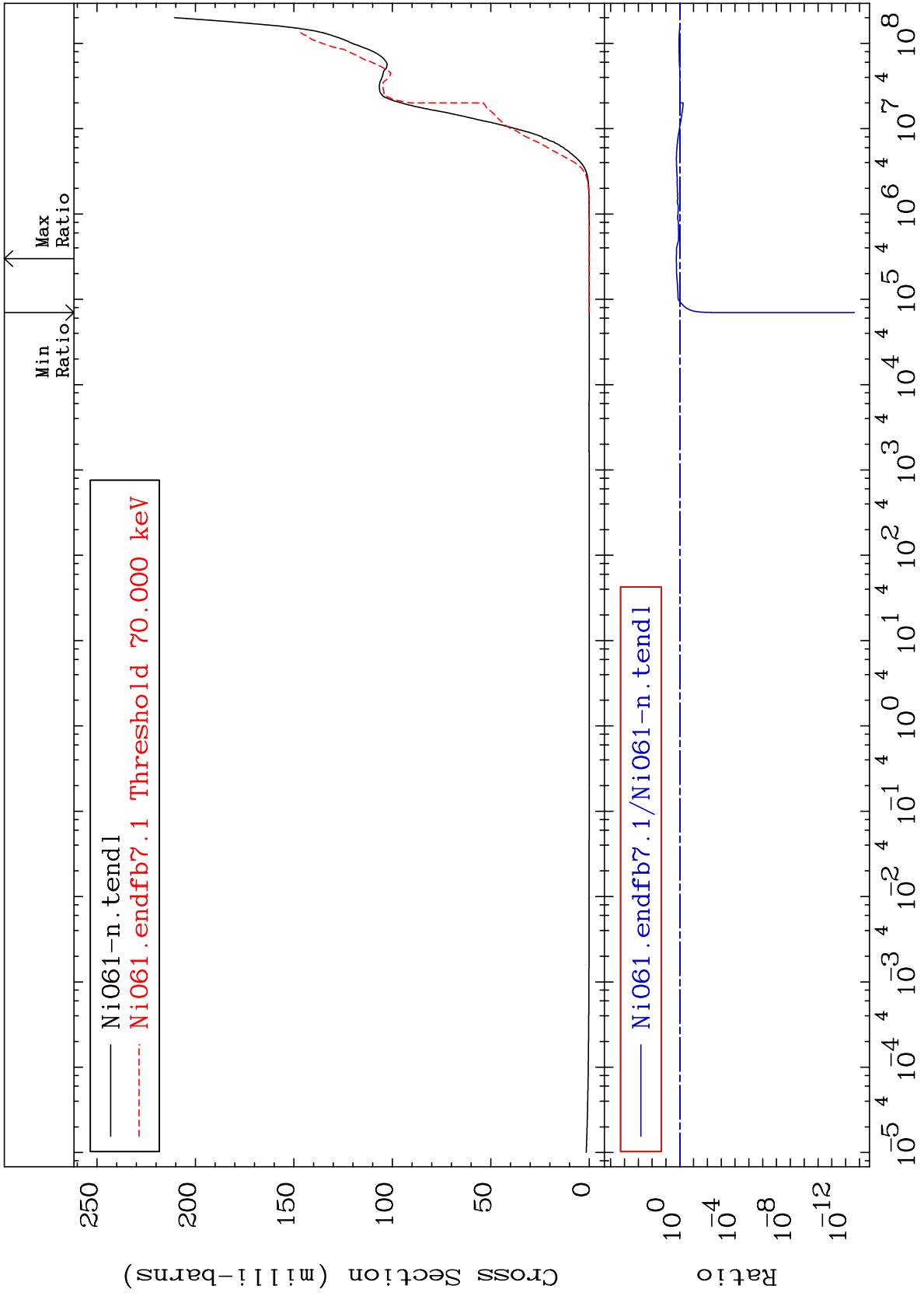
28-Ni-61
-66.99 To -58.02%



22

Incident Energy (eV)

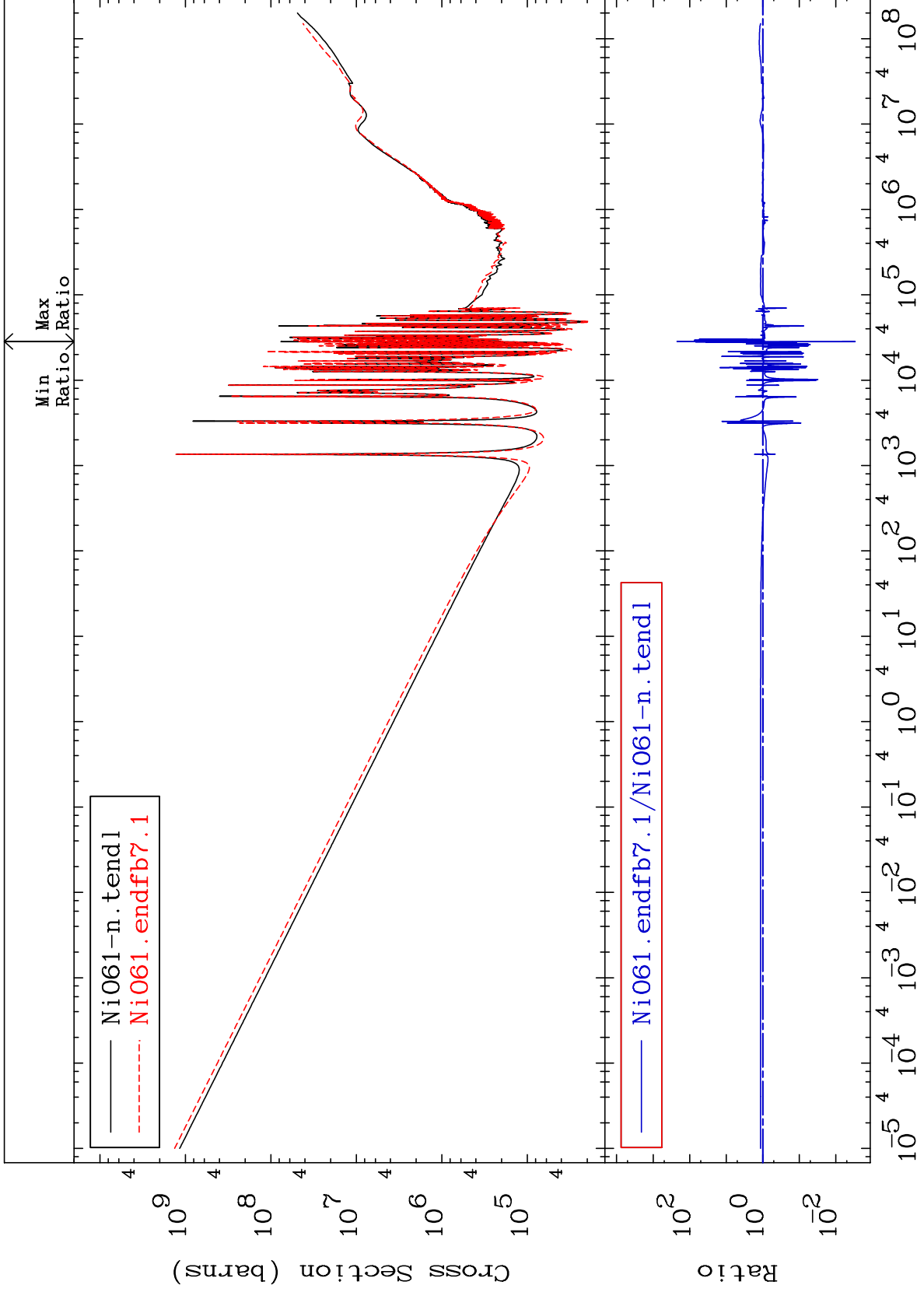
28-Ni-61



MAT 2834

Kerma total (eV-barns)
Cross Section

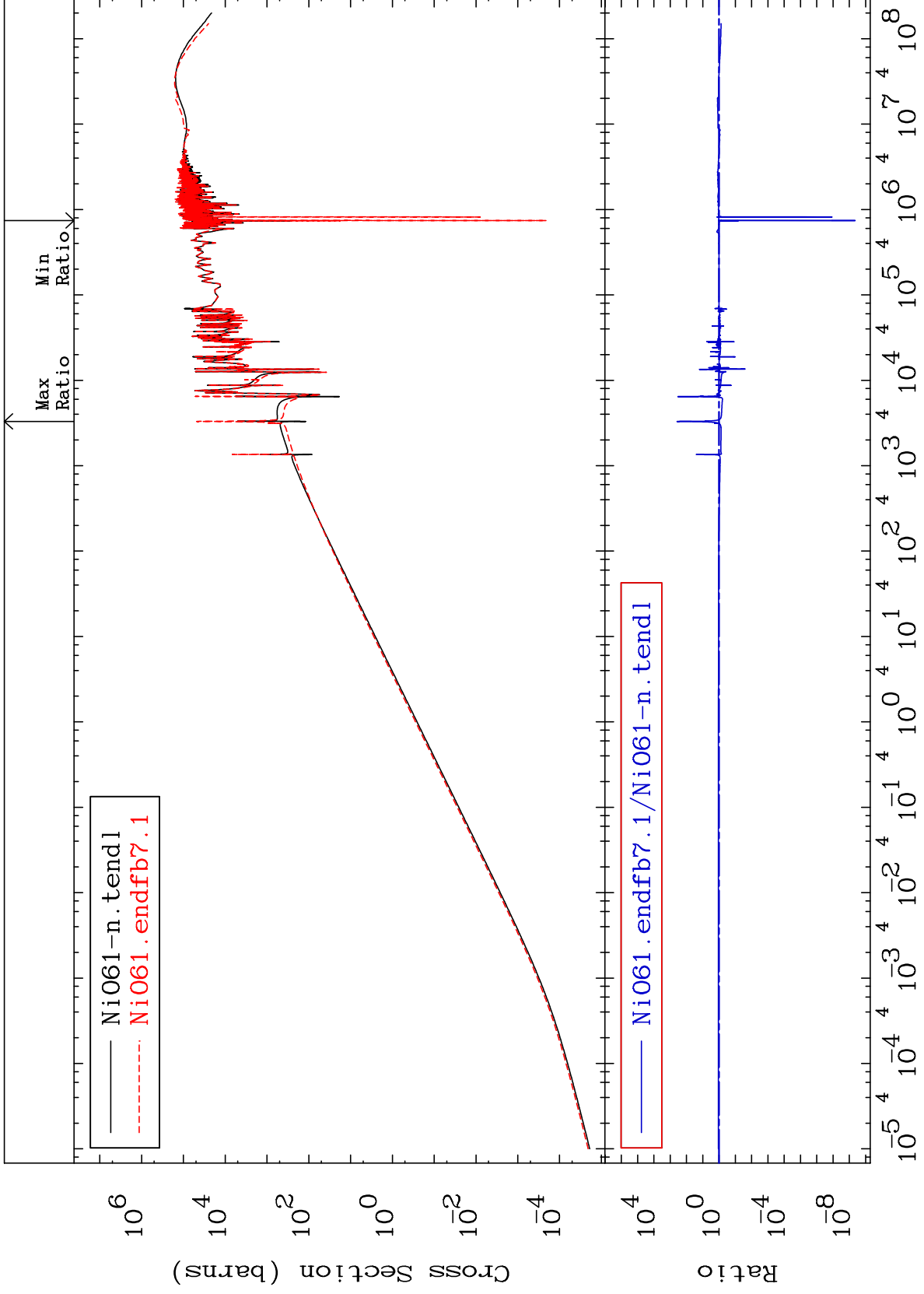
28-Ni-61
-99.70 To 9999. %



MAT 2834

Kerma elastic
Cross Section

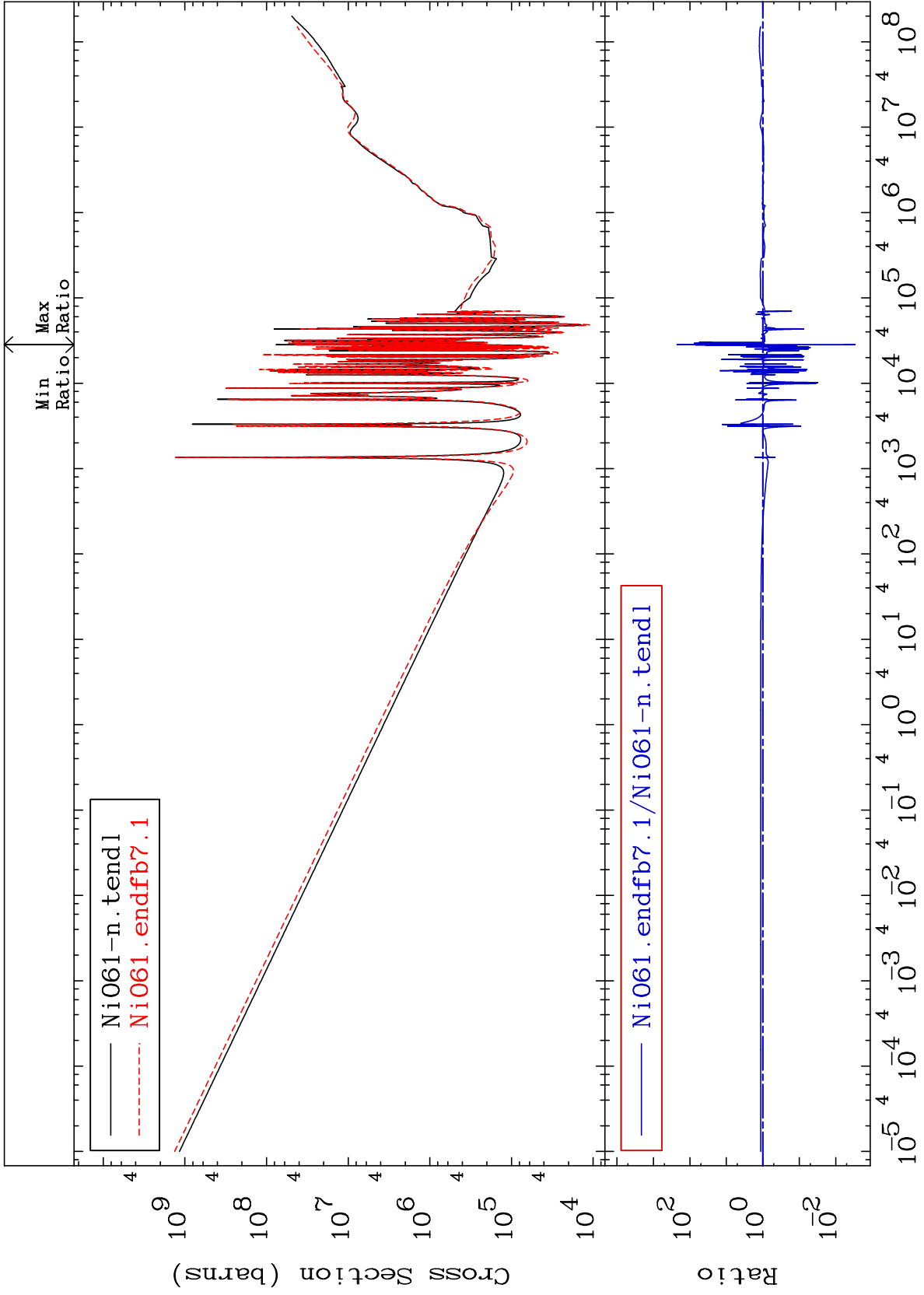
28-Ni-61
-100.0 To 9999. %



25

Incident Energy (eV)

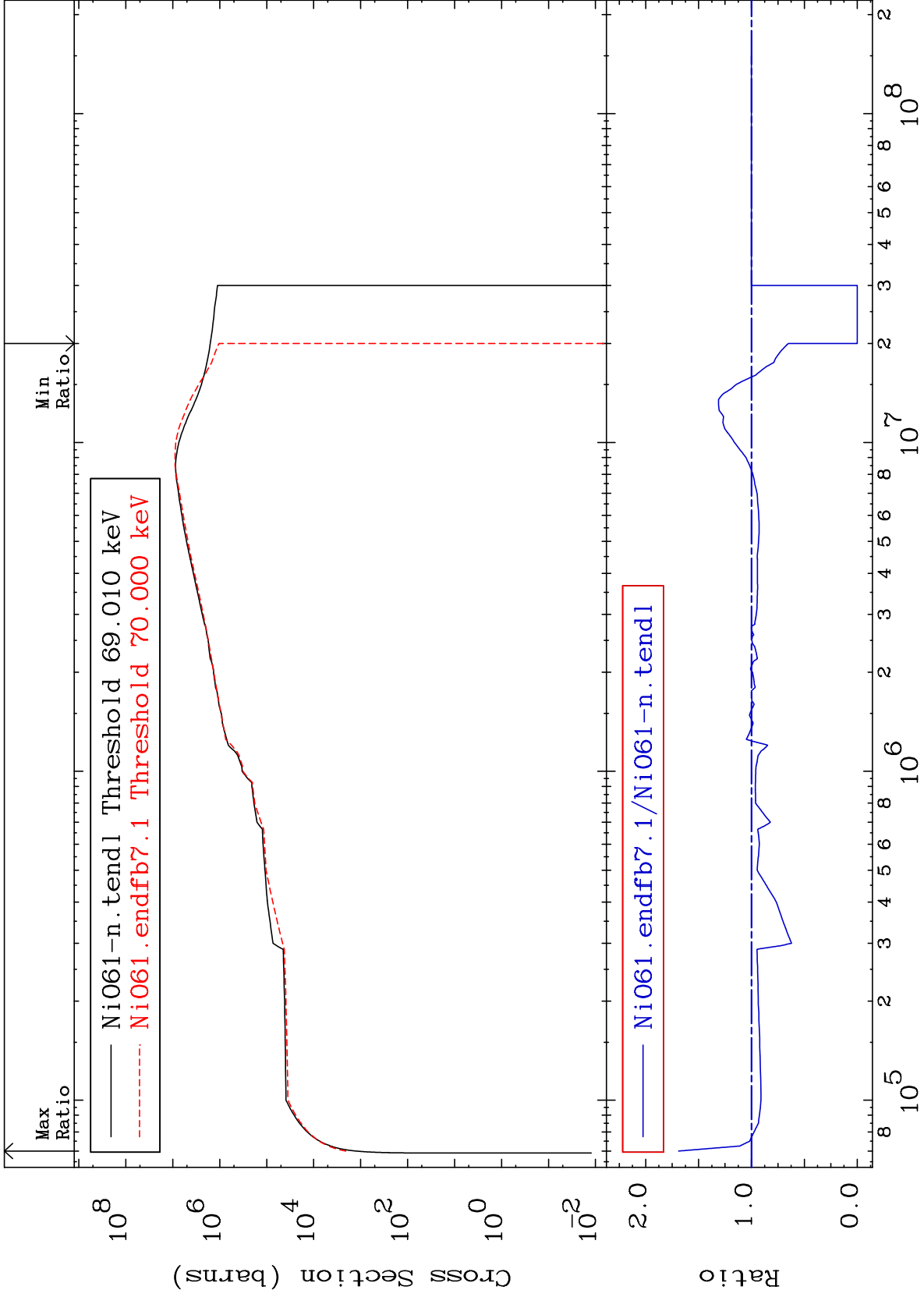
28-Ni-61



MAT 2834

Kerma inelastic (mt51-91)
Cross Section

28-Ni-61
-100.0 To 68.87 %



27

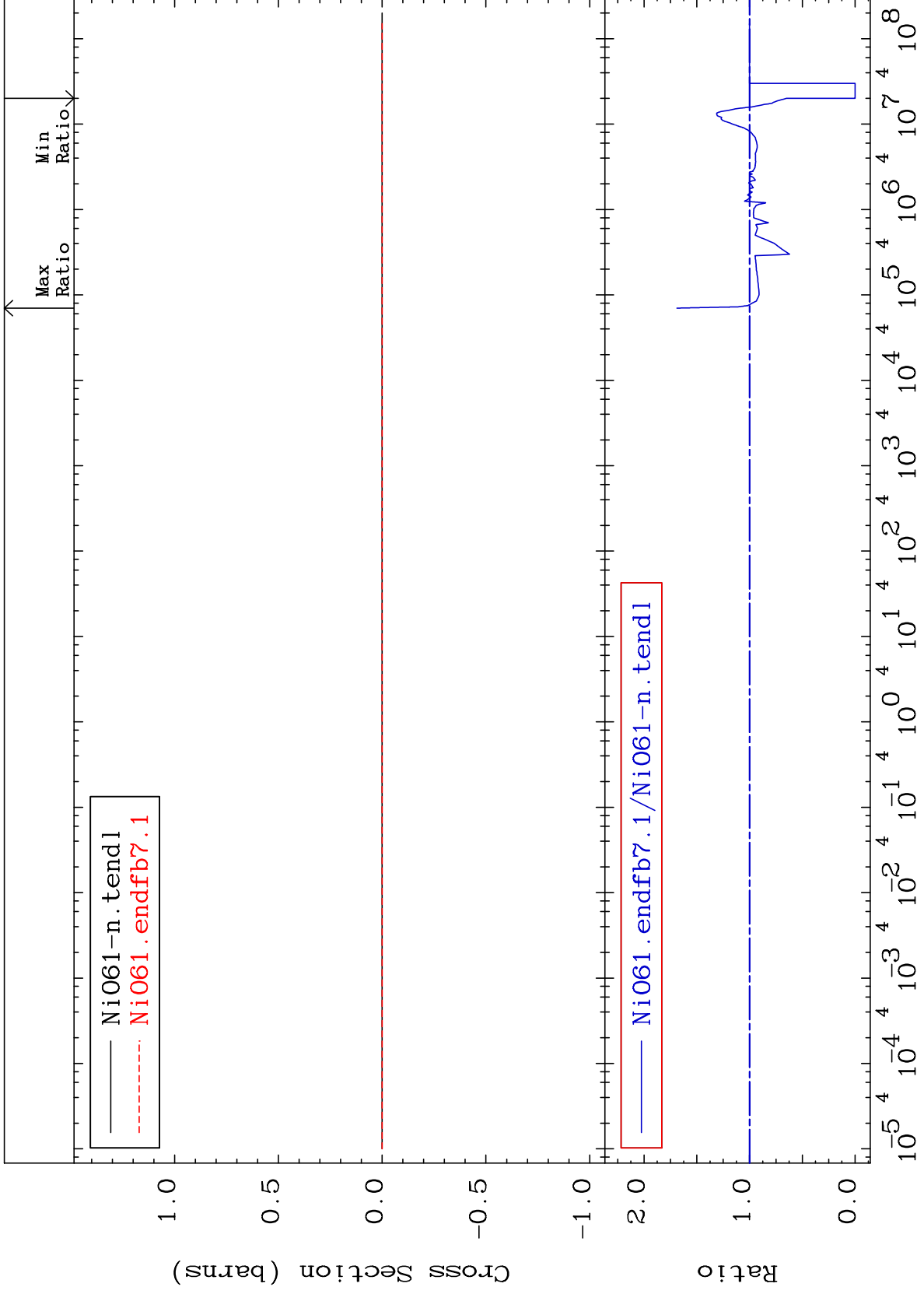
Incident Energy (eV)

28-Ni-61

MAT 2834

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

28-Ni-61
-100.0 To 68.87 %



28

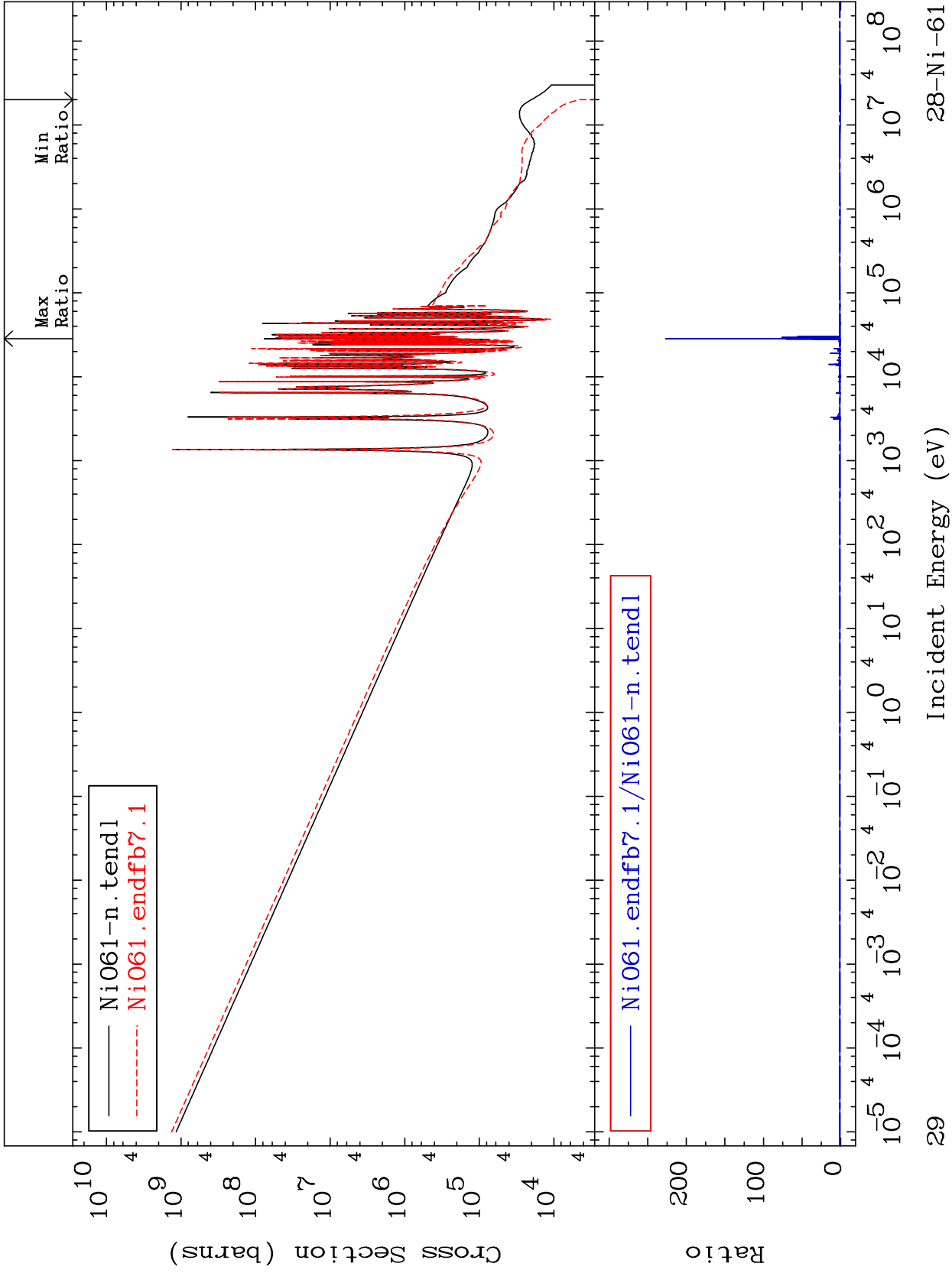
Incident Energy (eV)

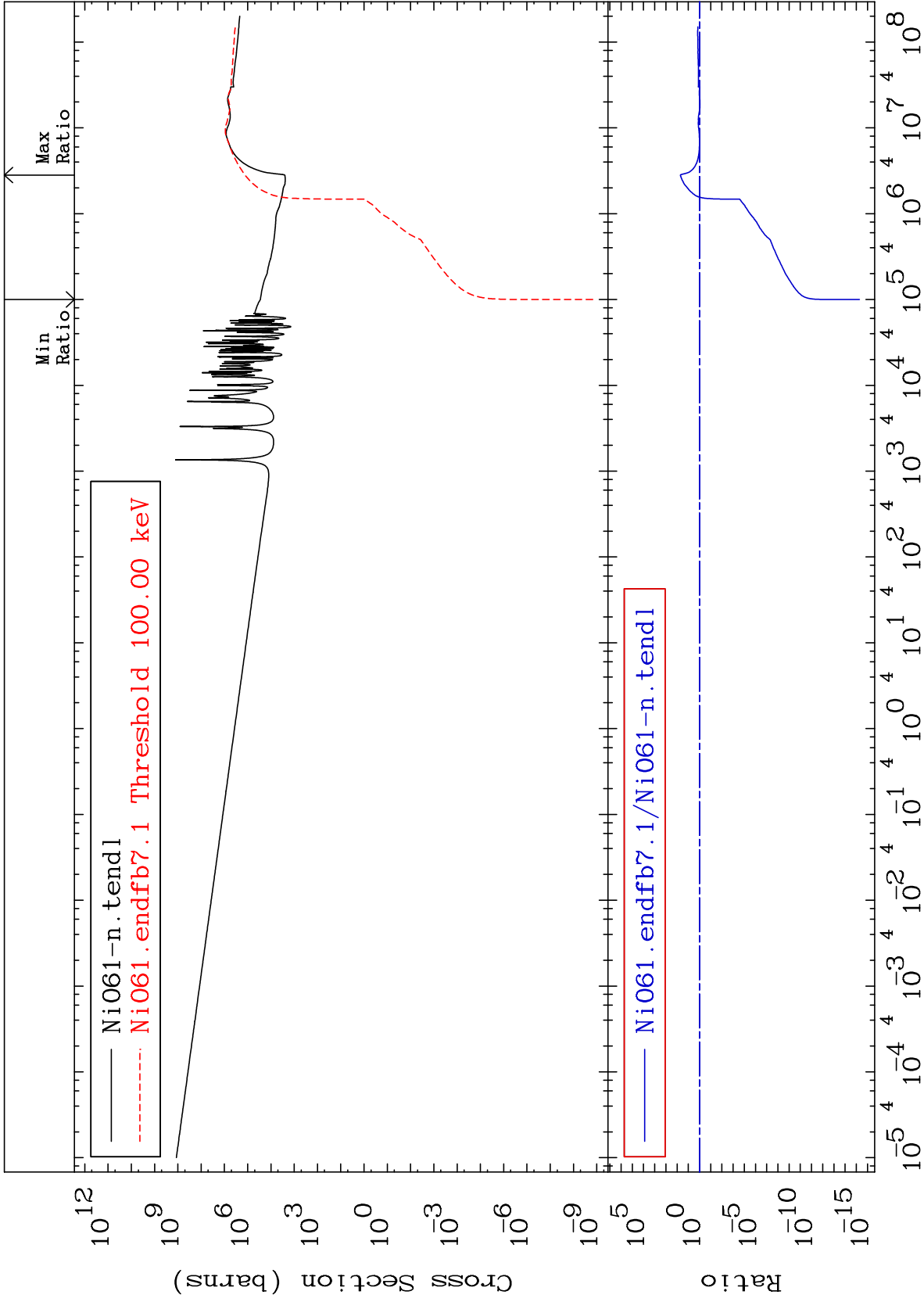
28-Ni-61

MAT 2834

Kerma capture (mt102)
Cross Section

28-Ni-61
-100.0 To 9999. %

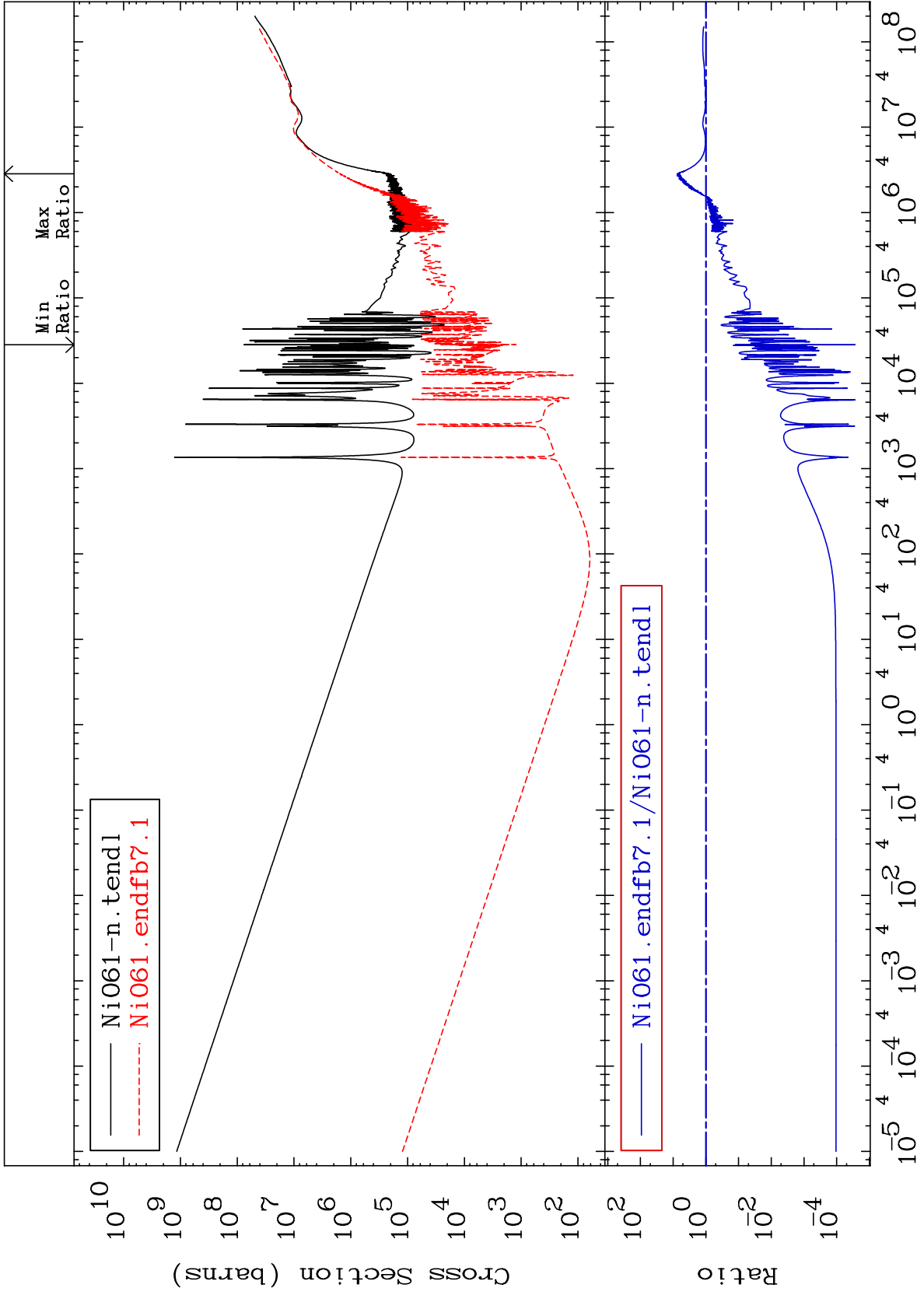




MAT 2834

Total kinematic kerma (high limit)
Cross Section

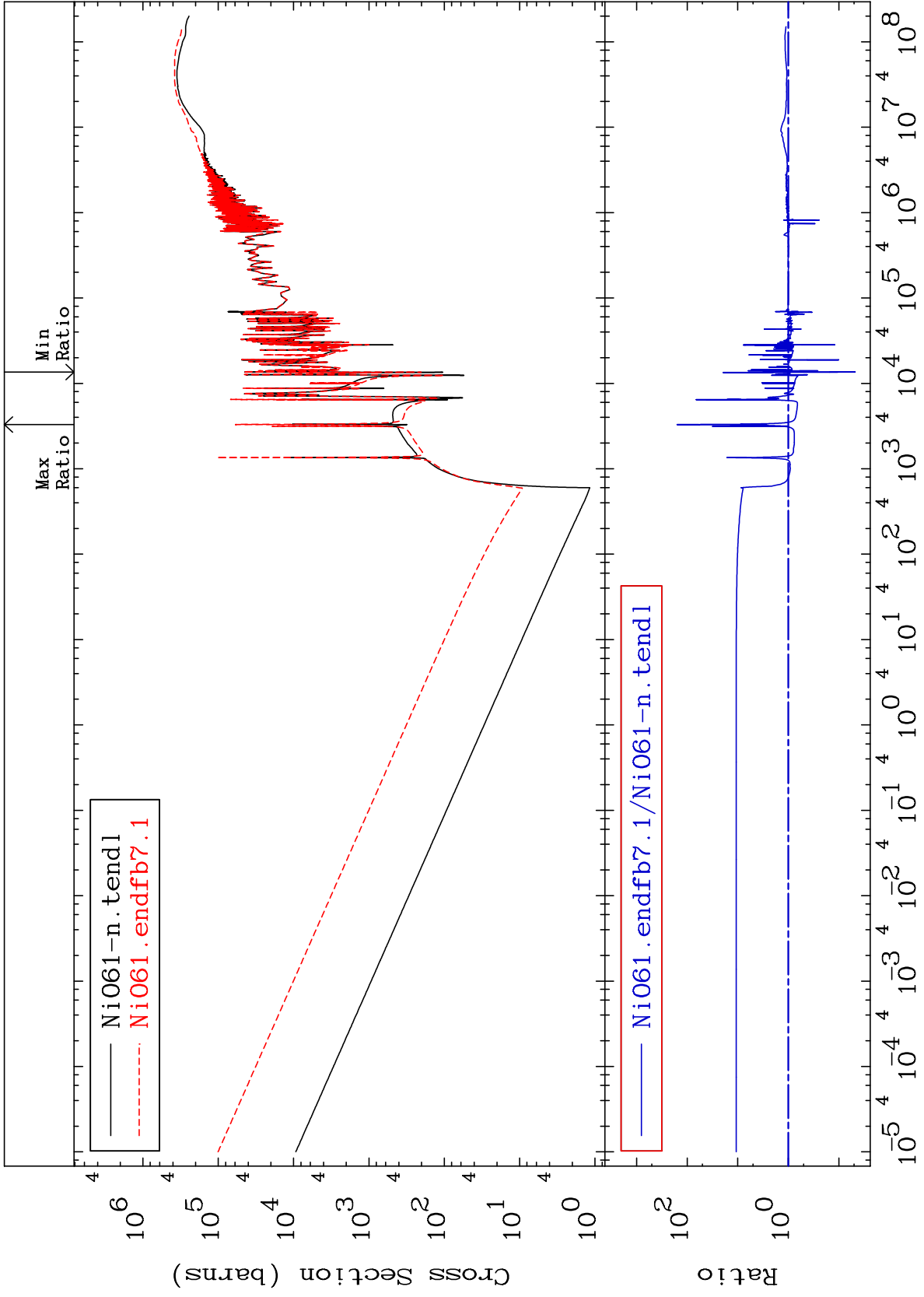
28-Ni-61
-100.0 To 665.1 %



MAT 2834

Dpa total (eV-barns)
Cross Section

28-Ni-61
-95.22 To 9999. %



MAT 2834

Dpa elastic (mt2)
Cross Section

28-Ni-61
-100.0 To 9999. %

