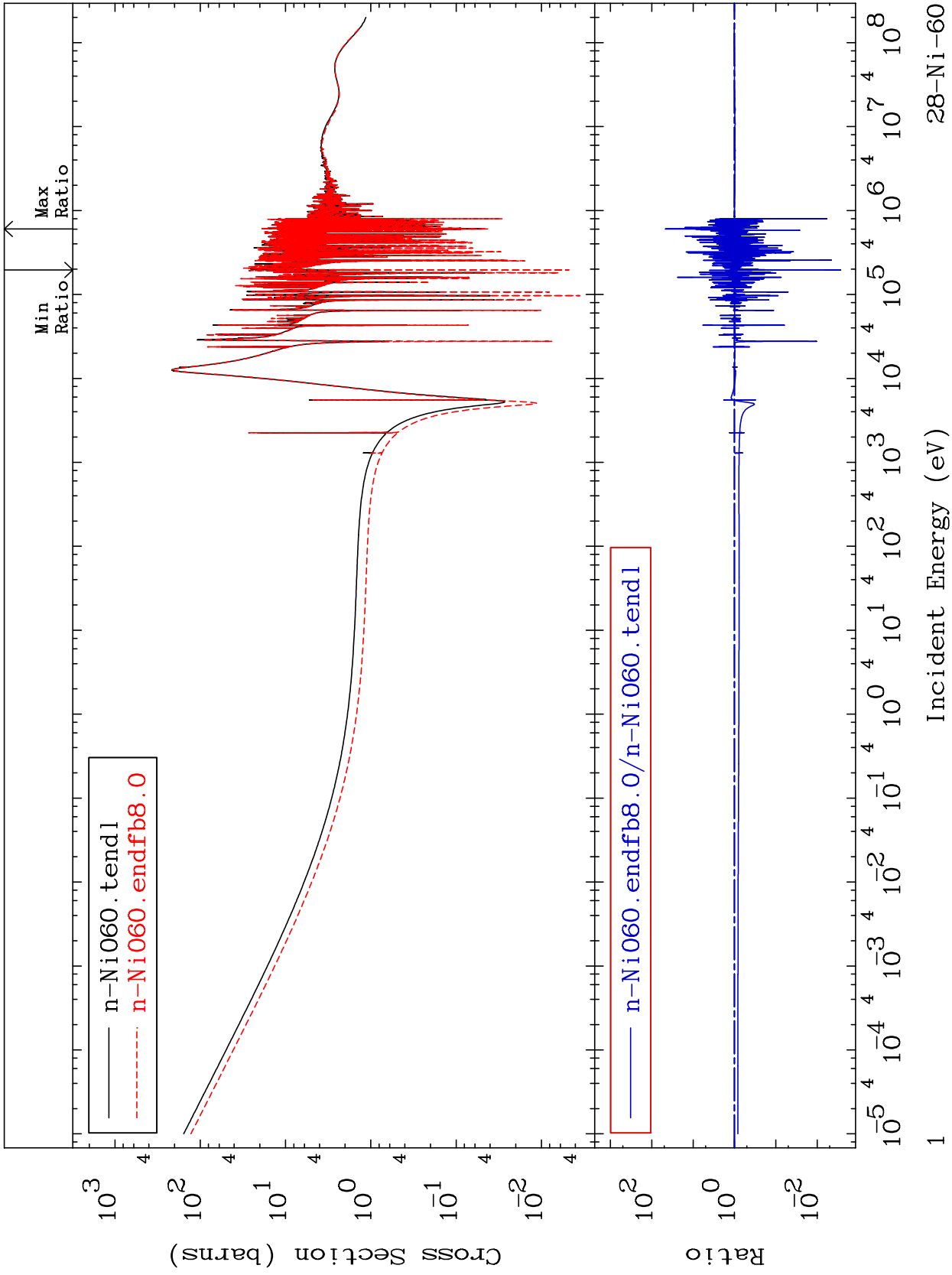


MAT 2831

Total
Cross Section

28-Ni-60
-99.73 To 4552. %



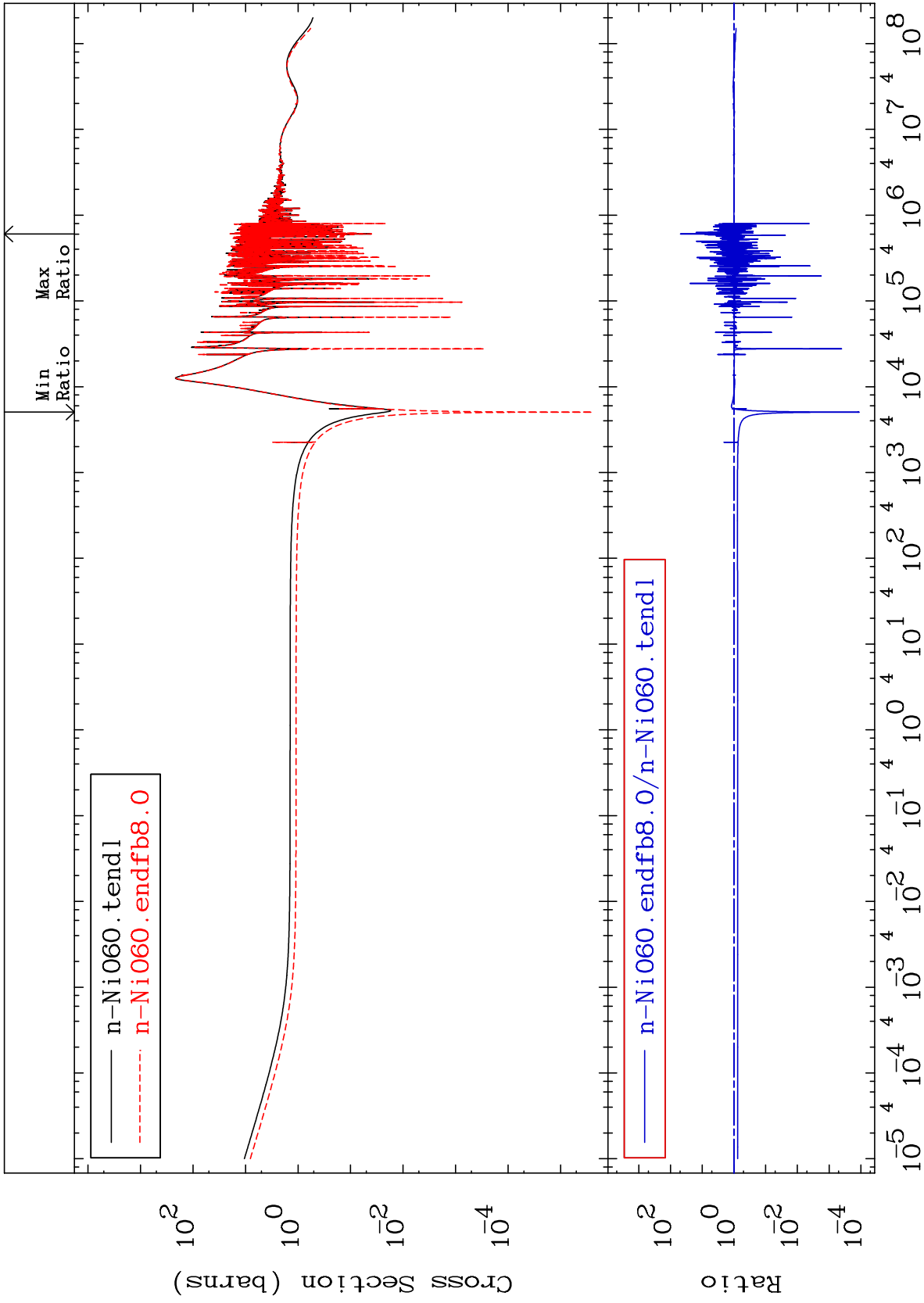
28-Ni-60

Incident Energy (eV)

MAT 2831

Elastic
Cross Section

28-Ni-60
-99.99 To 4799. %



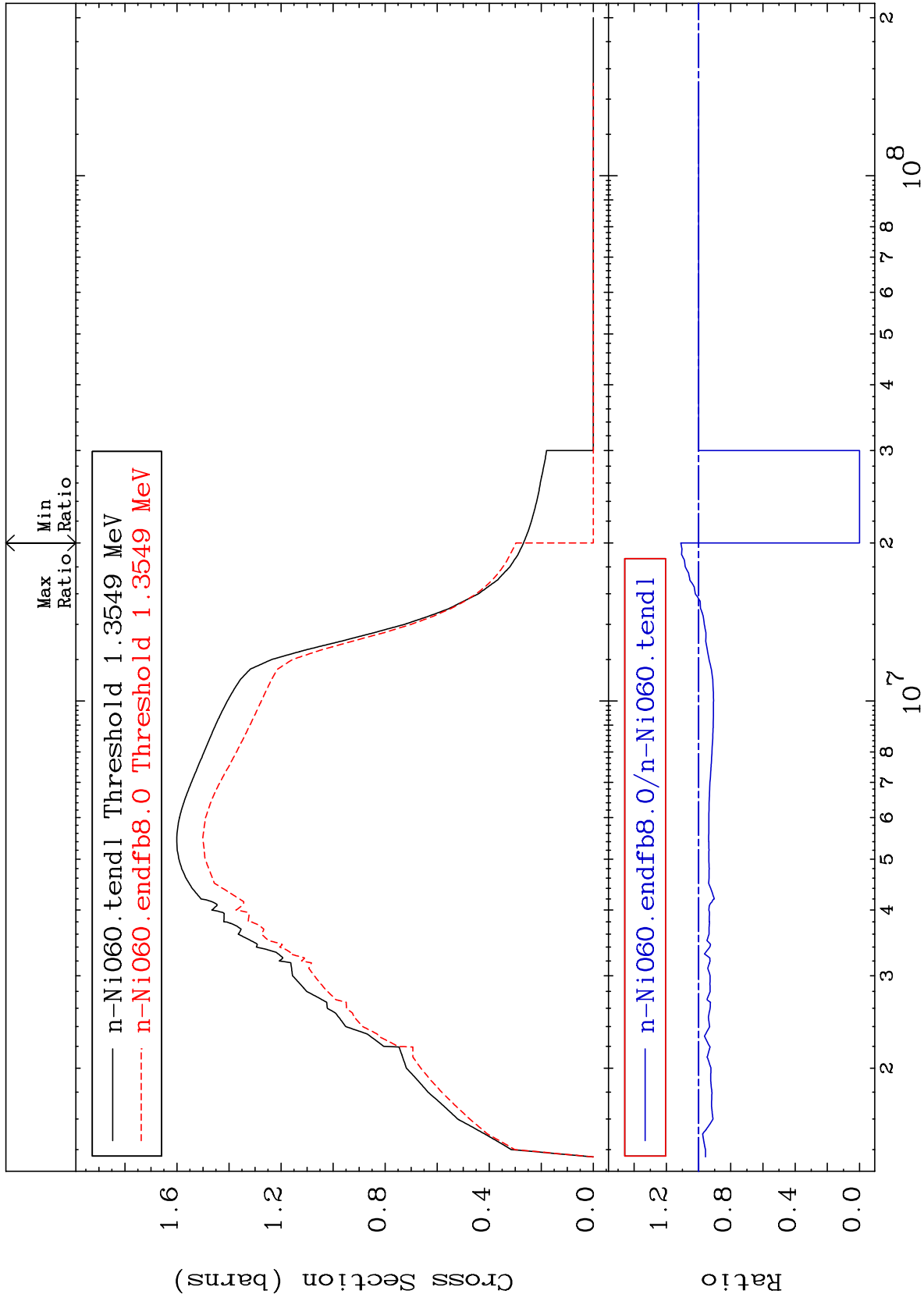
2

Incident Energy (eV)

28-Ni-60

MAT 2831

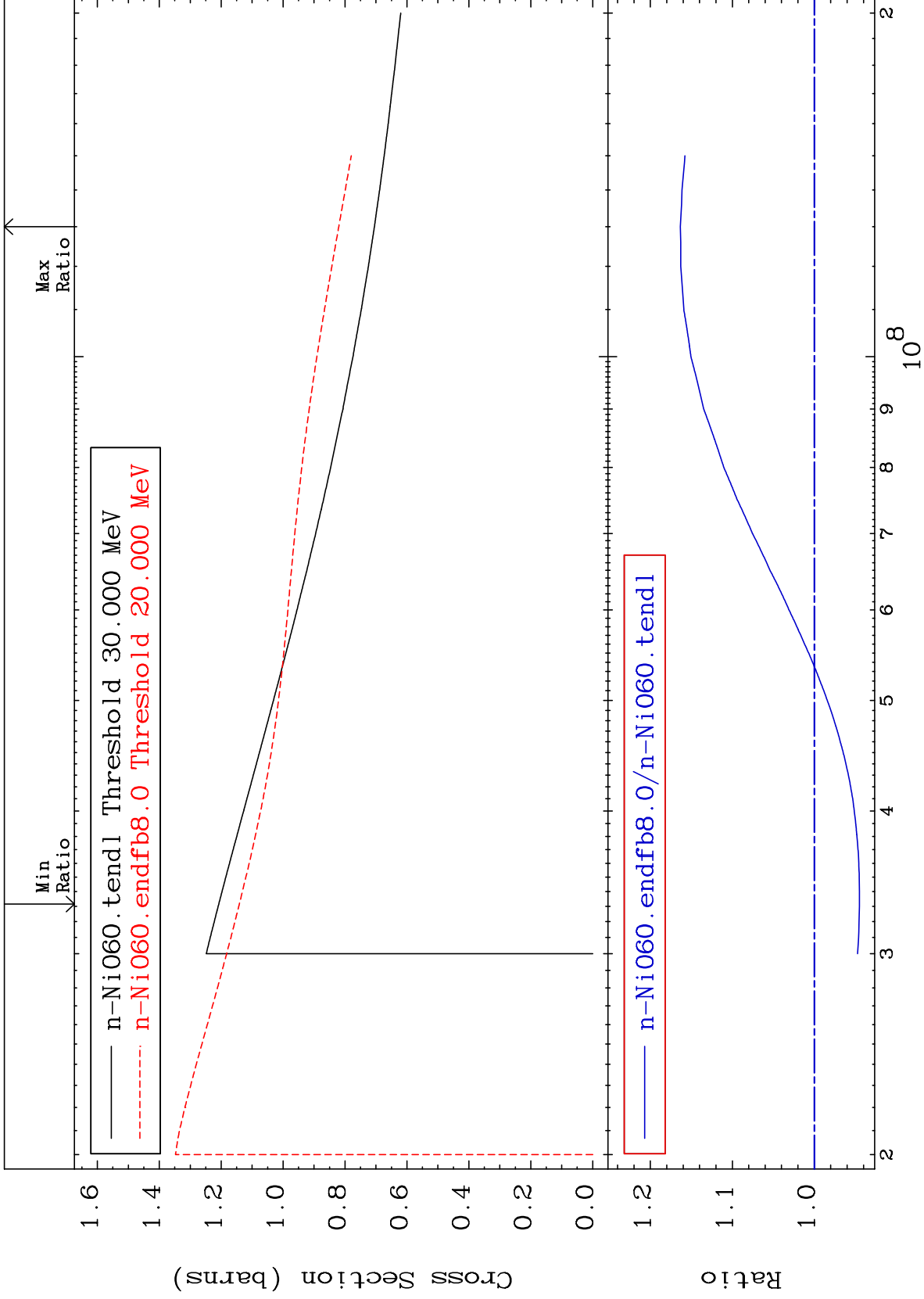
Inelastic Cross Section
28-Ni-60
-100.0 To 11.05 %



MAT 2831

(n, remainder)
Cross Section

28-Ni-60
-5.499 To 16.34 %



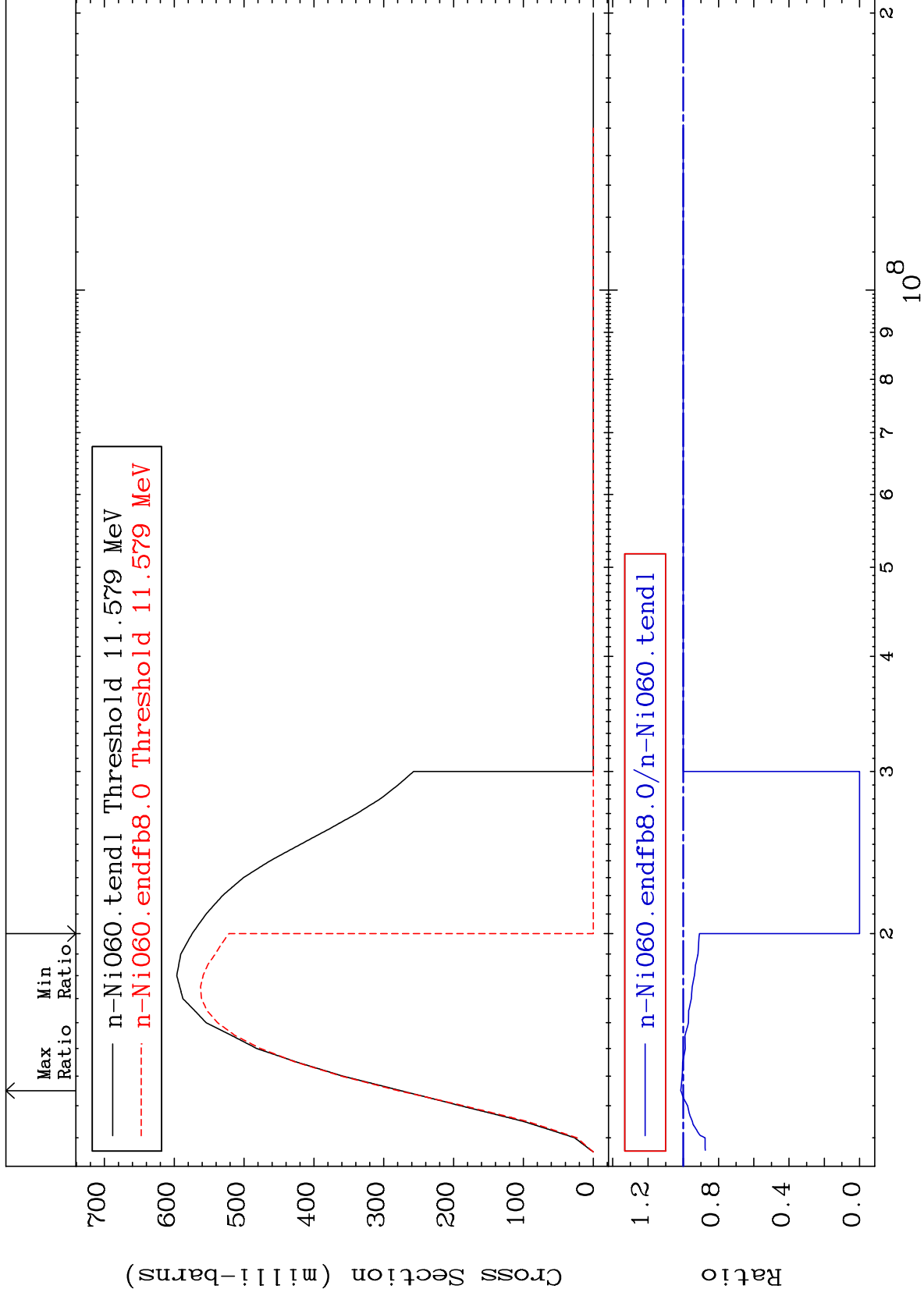
MAT 2831

(n,2n)

28-Ni-60

Cross Section

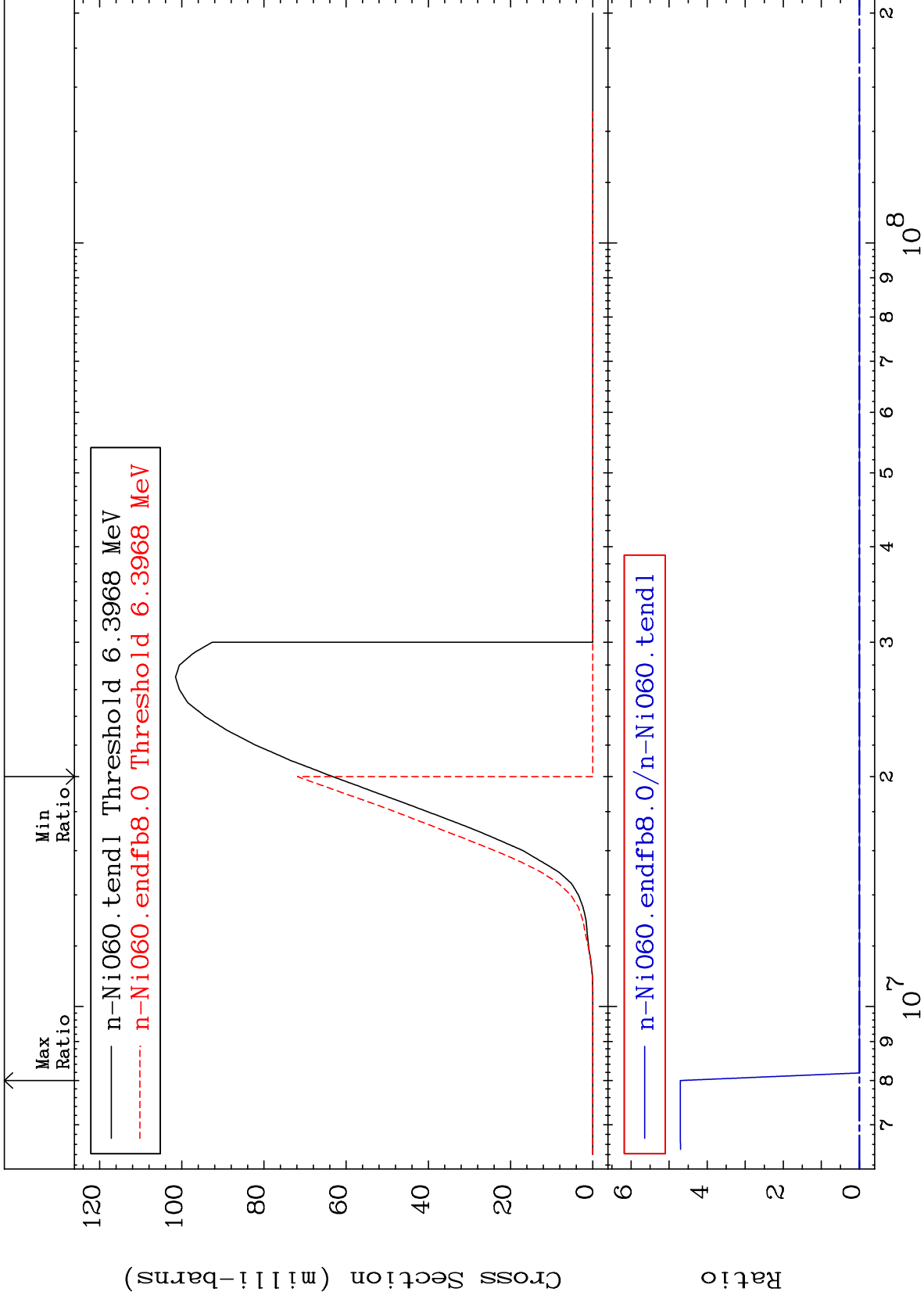
-100.0 To 1.416 %



MAT 2831

(n,n') α
Cross Section

28-Ni-60
-100.0 To 9999. %



6

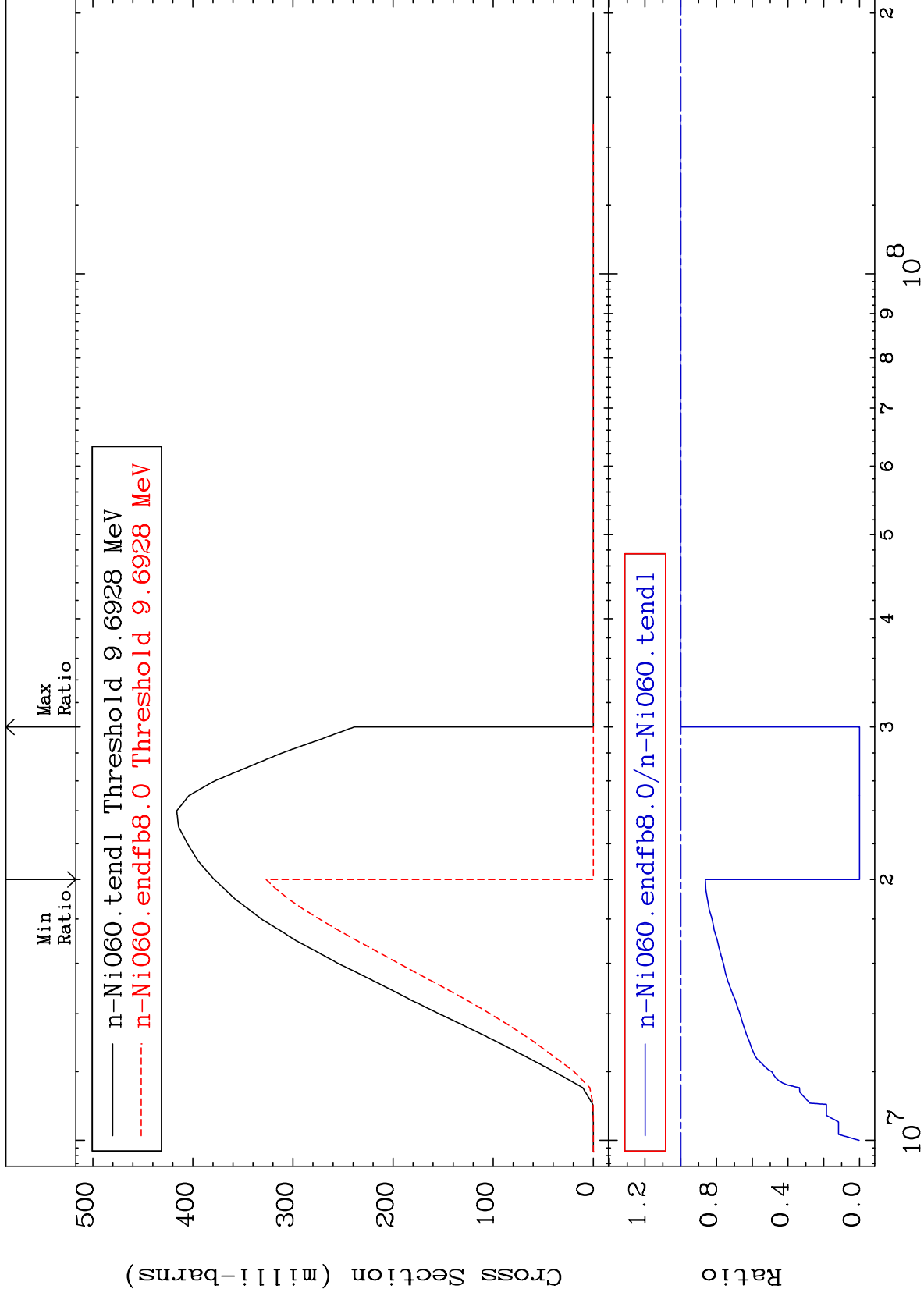
Incident Energy (eV)

28-Ni-60

MAT 2831

(n,n') p
Cross Section

28-Ni-60
-100.0 To 0.000 %



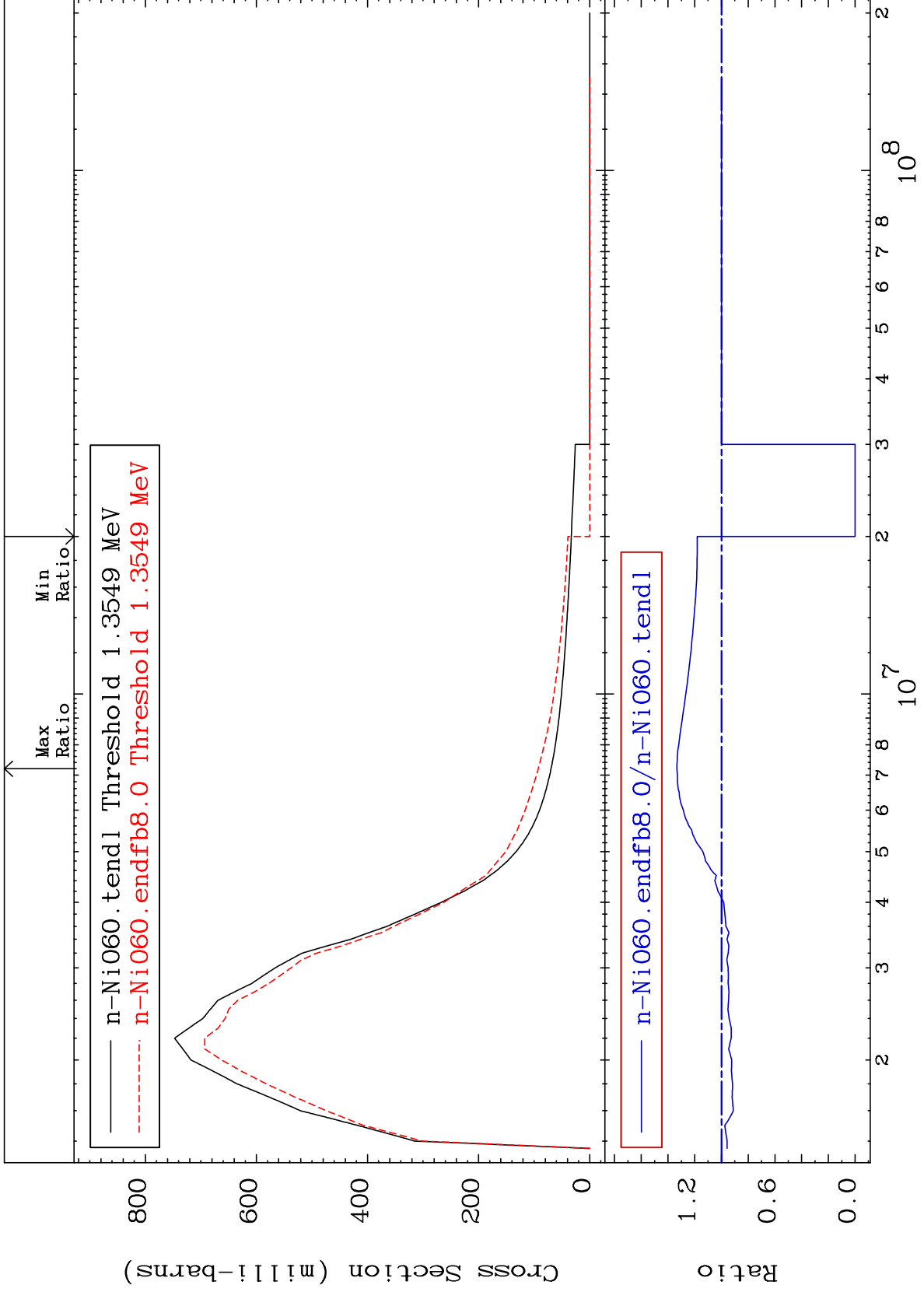
28-Ni-60

28-Ni-60

MAT 2831

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

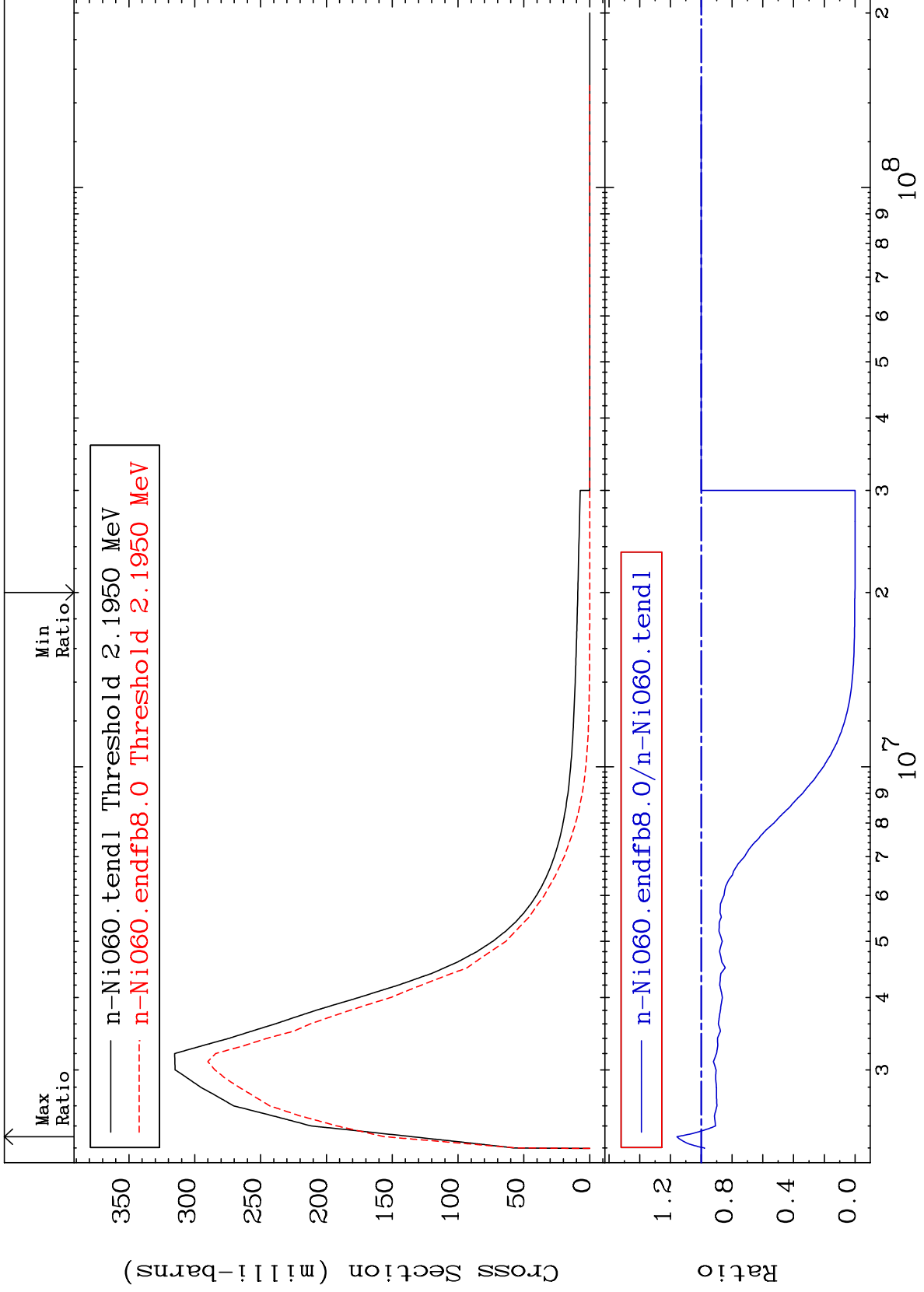
28-Ni-60
-100.0 To 33.32 %



MAT 2831

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

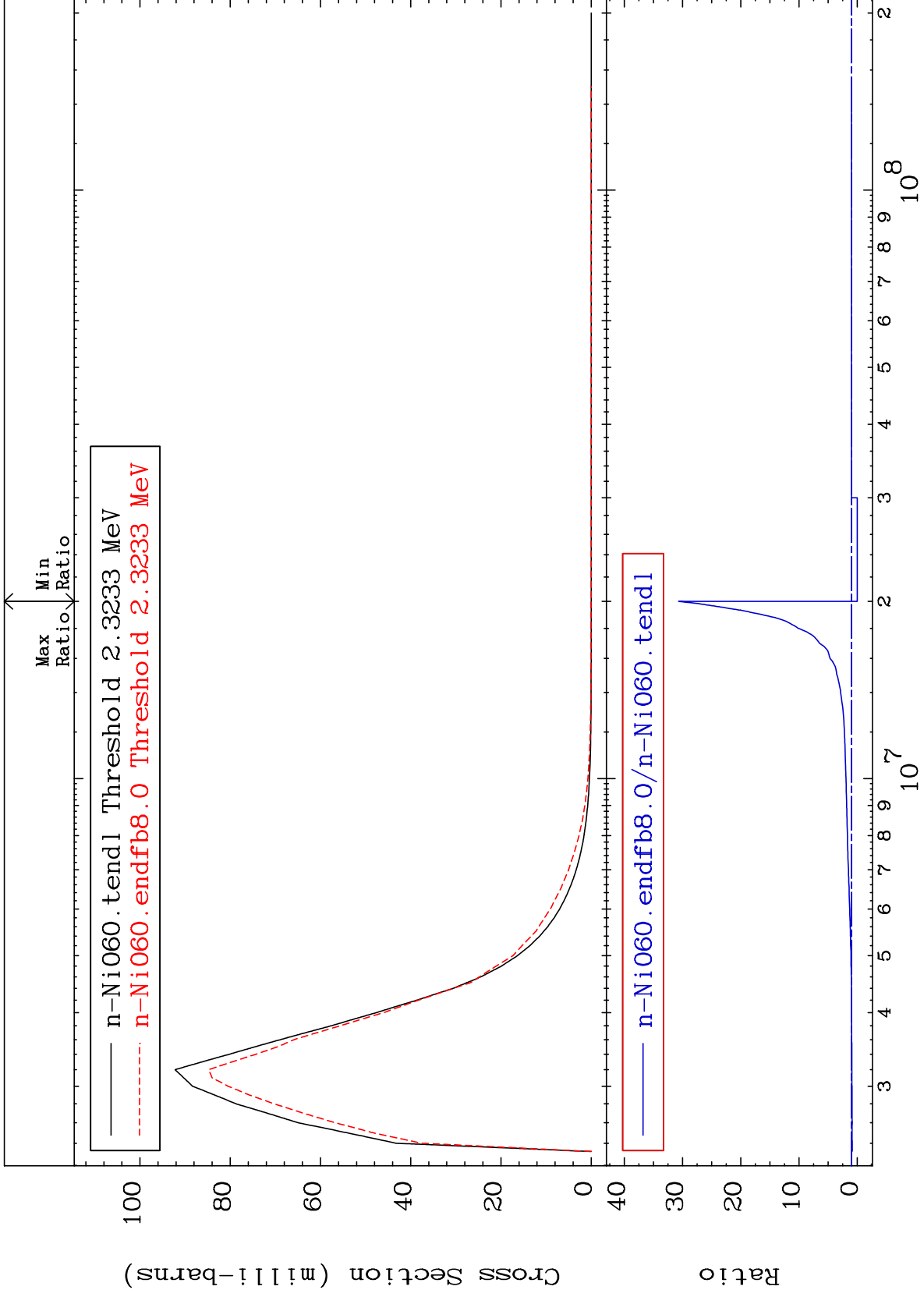
28-Ni-60
-100.0 To 15.82 %



MAT 2831

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

28-Ni-60
-100.0 To 2968. %



10

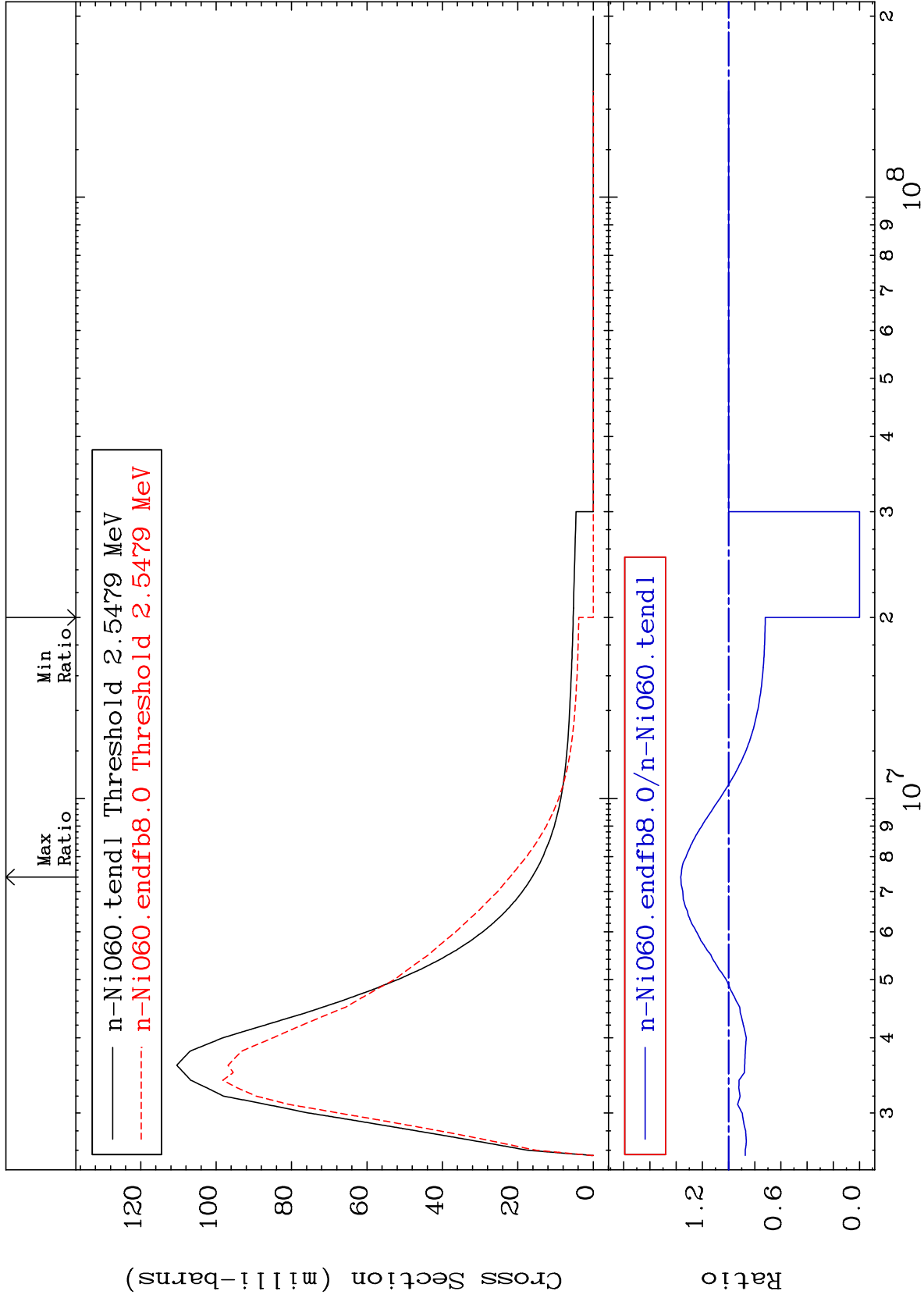
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 36.47 %



11

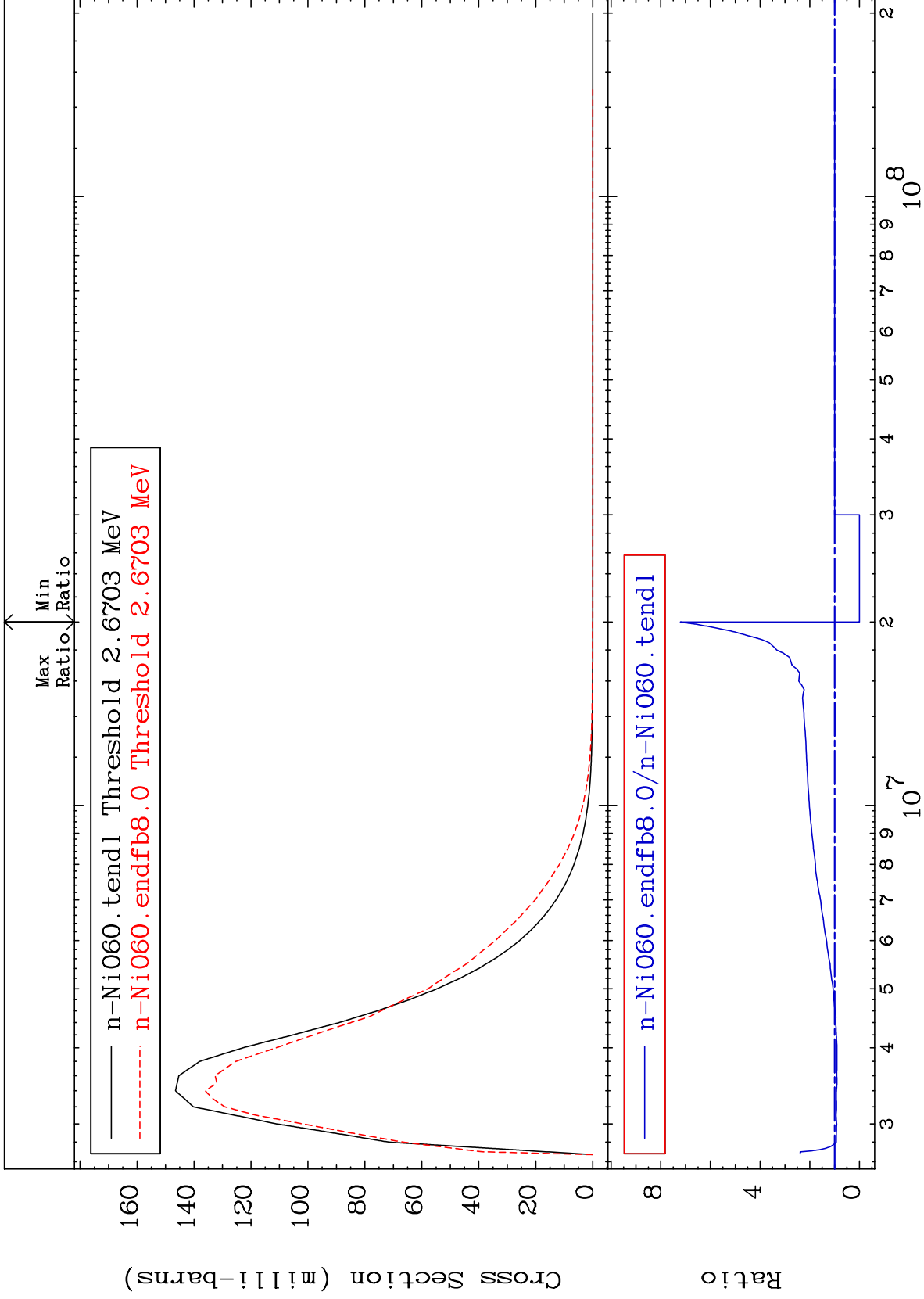
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 621.1 %



12

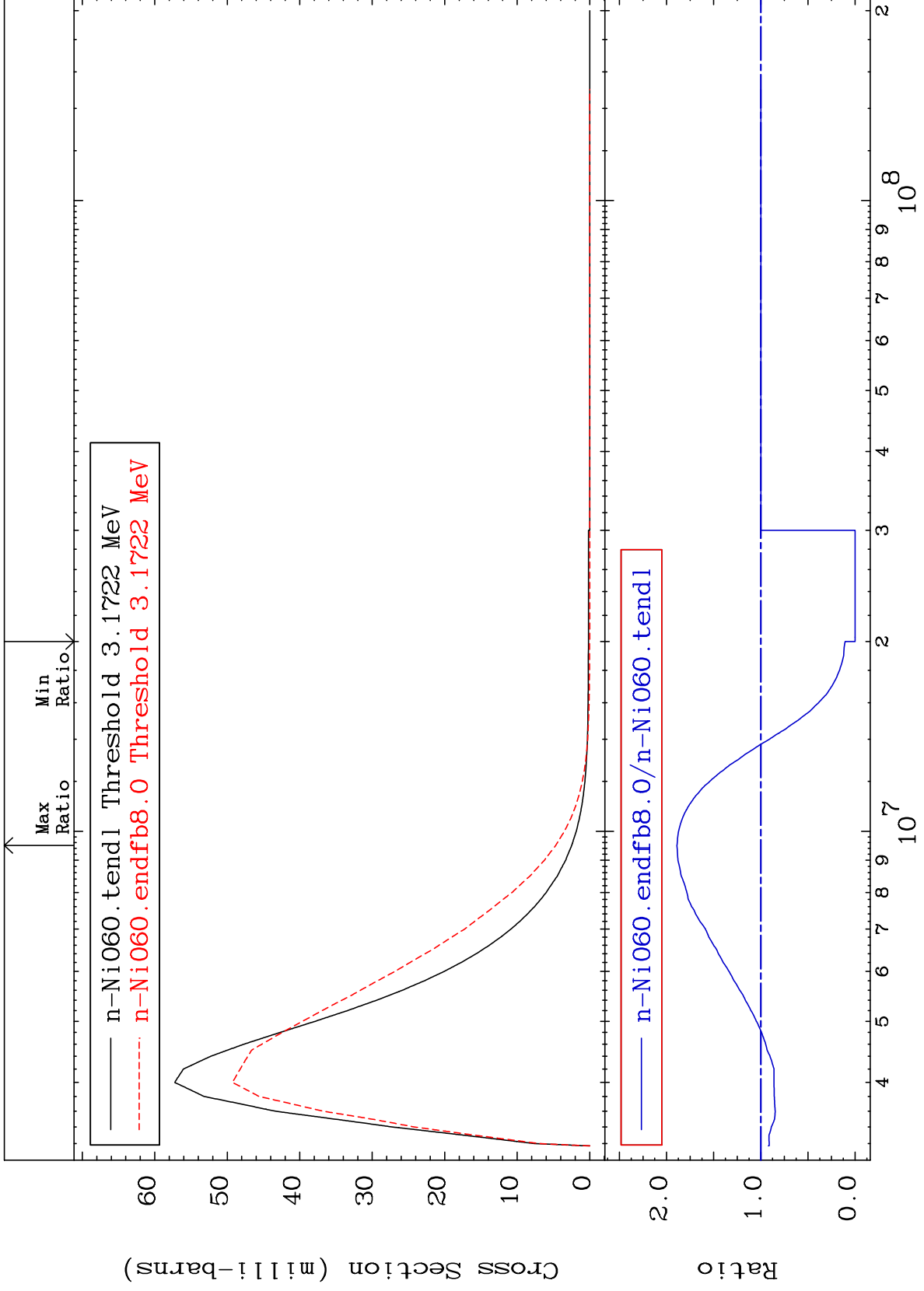
28-Ni-60

28-Ni-60

MAT 2831

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

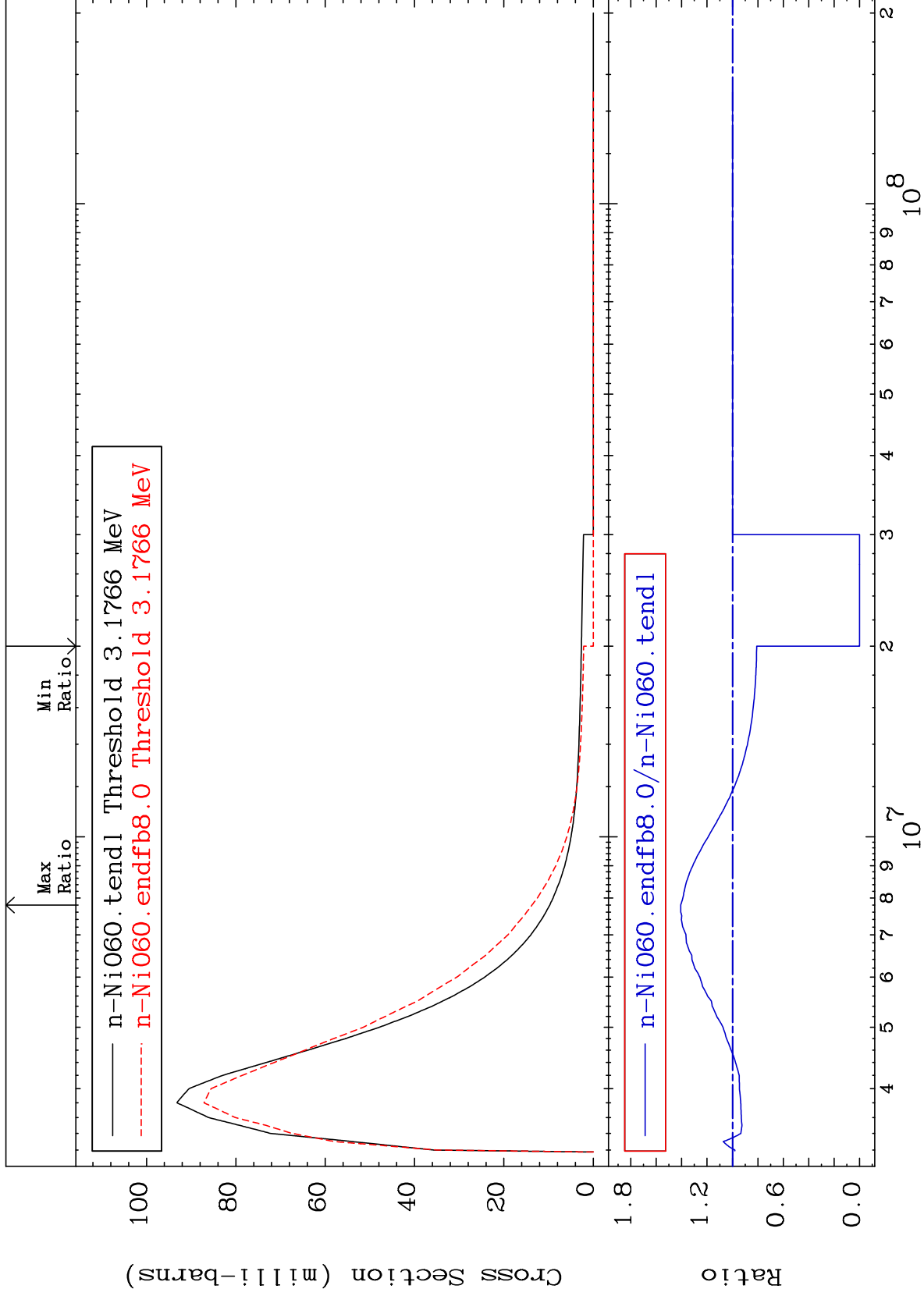
28-Ni-60
-100.0 To 88.97 %



MAT 2831

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

28-Ni-60
-100.0 To 40.68 %



14

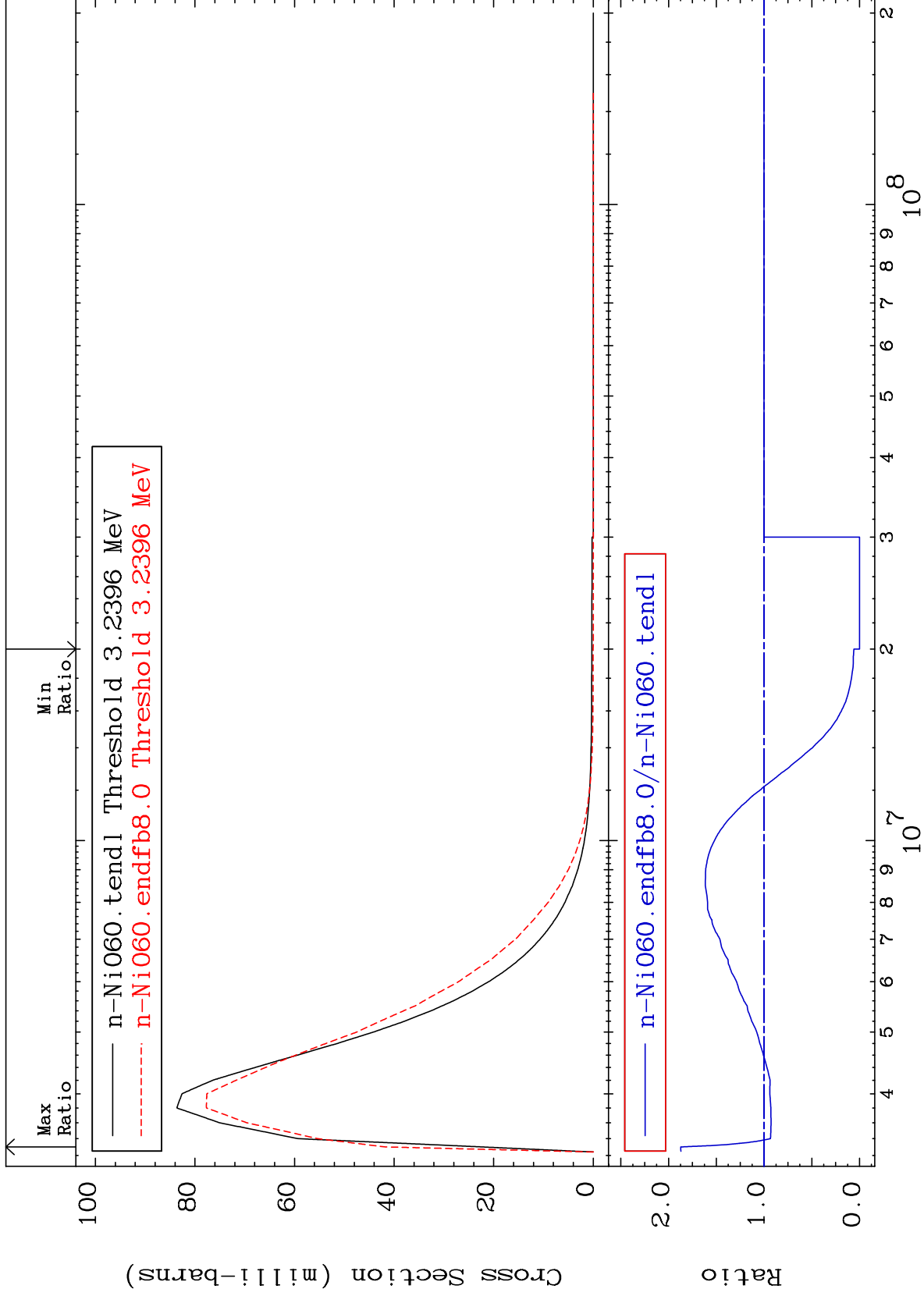
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 87.25 %



15

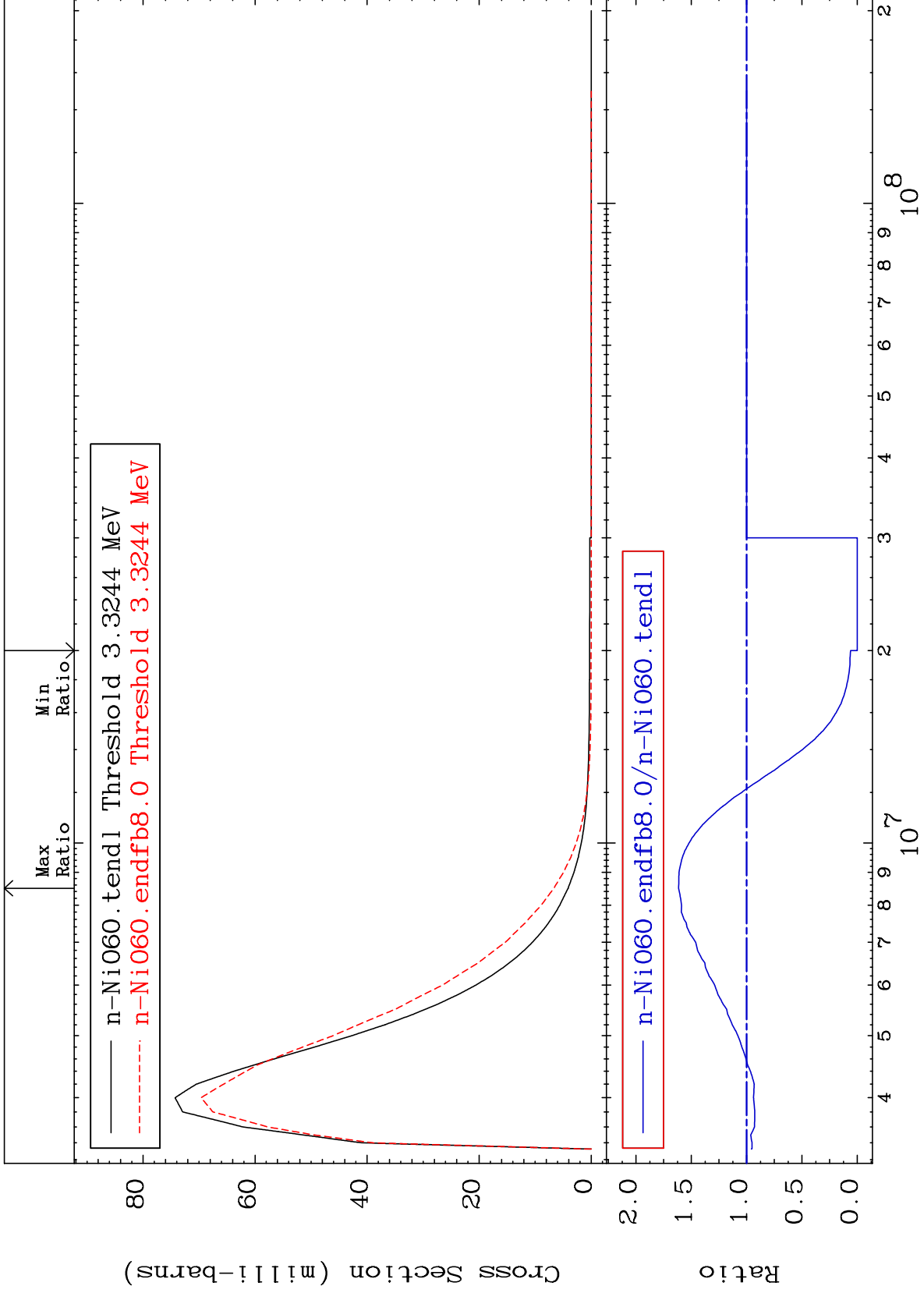
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 61.44 %



17

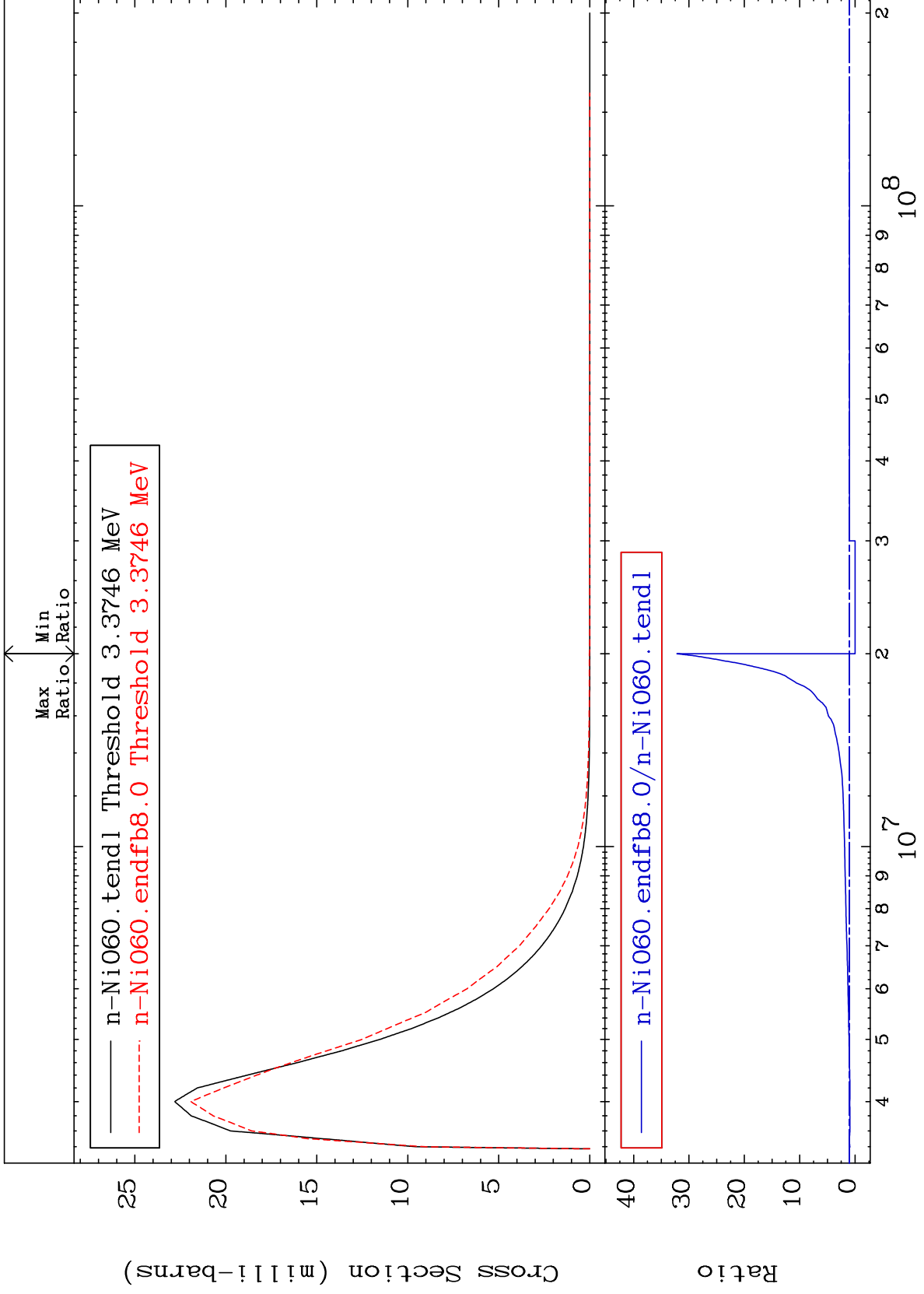
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 3118. %



18

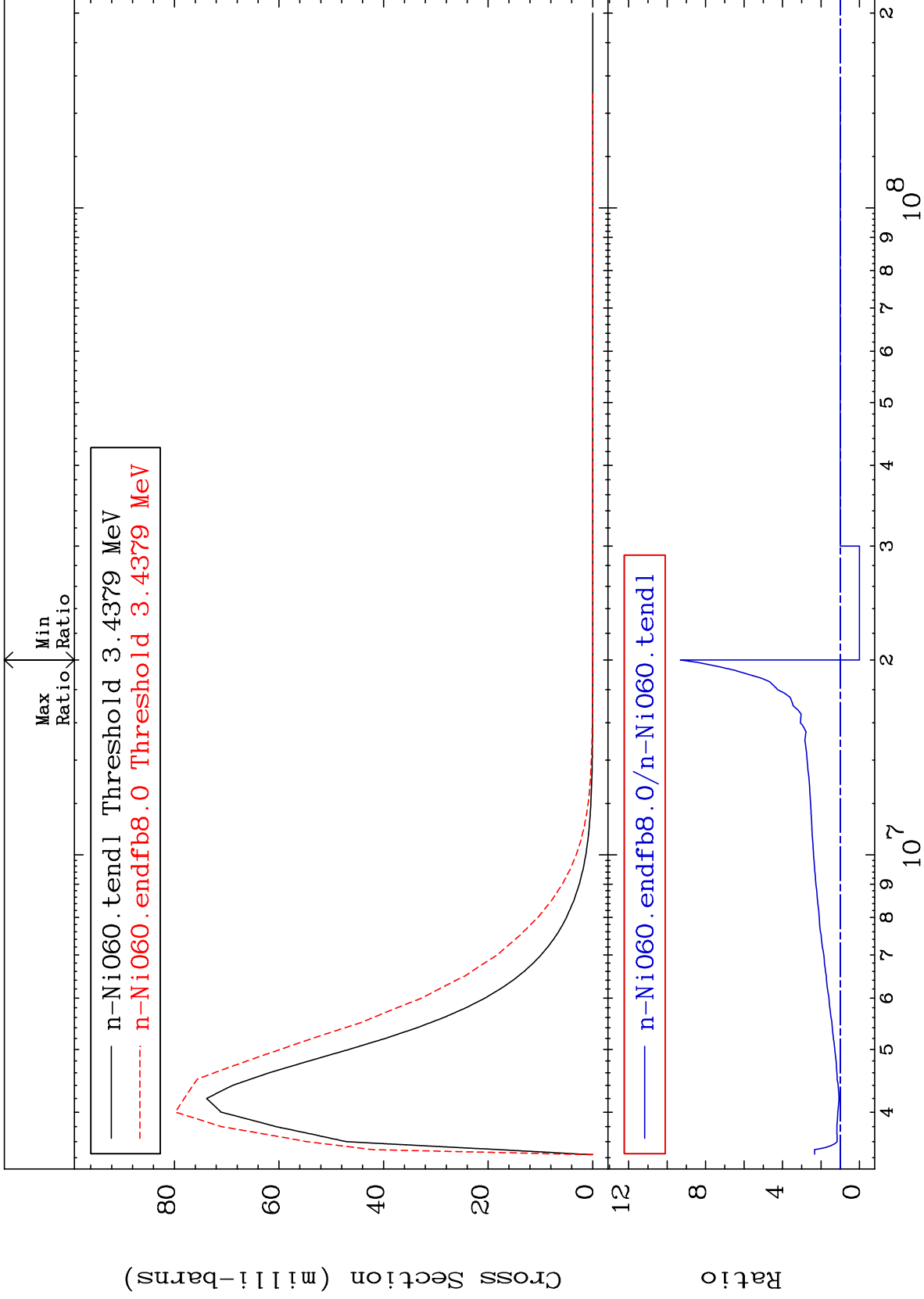
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 831.2 %



19

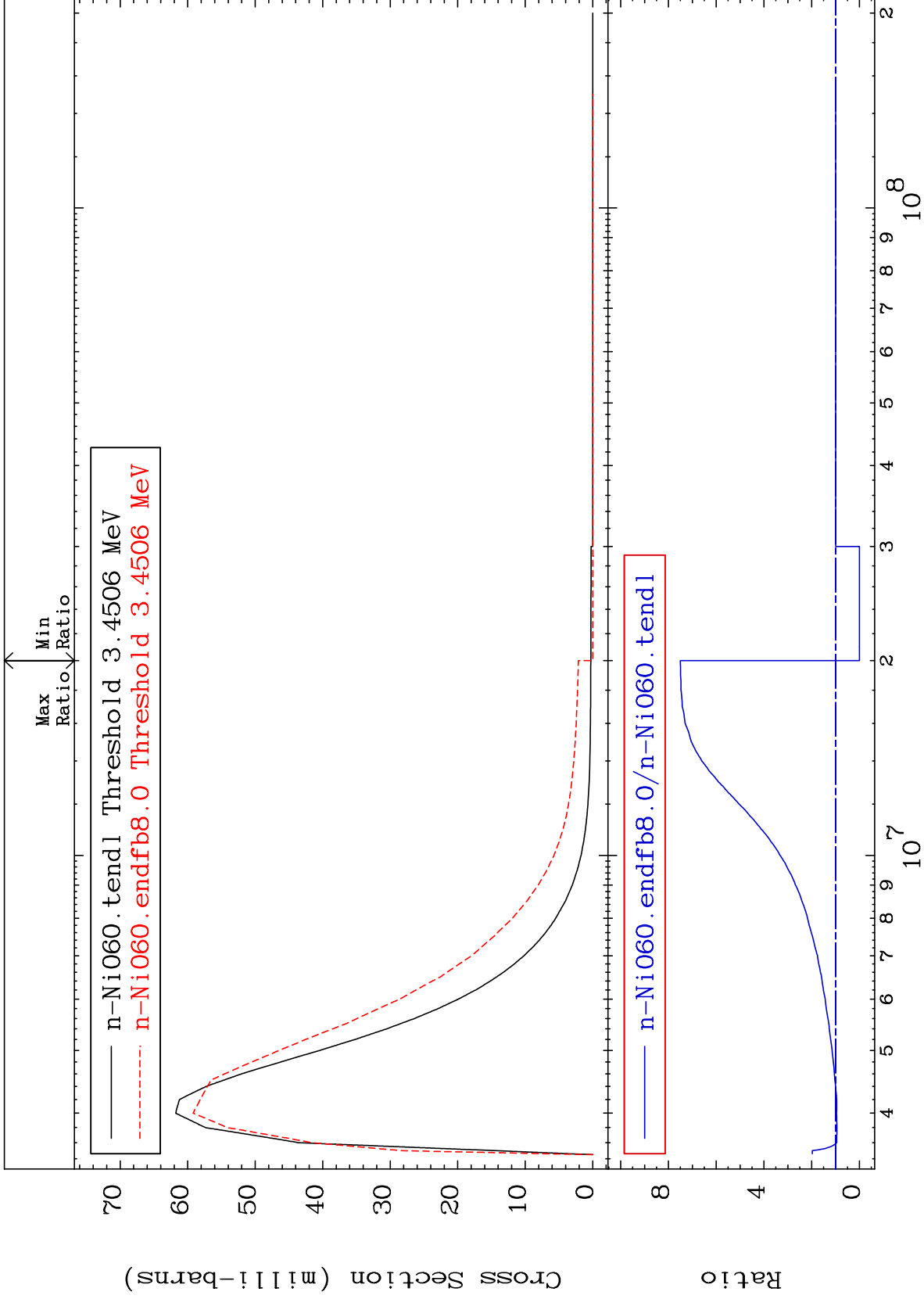
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 650.1 %



20

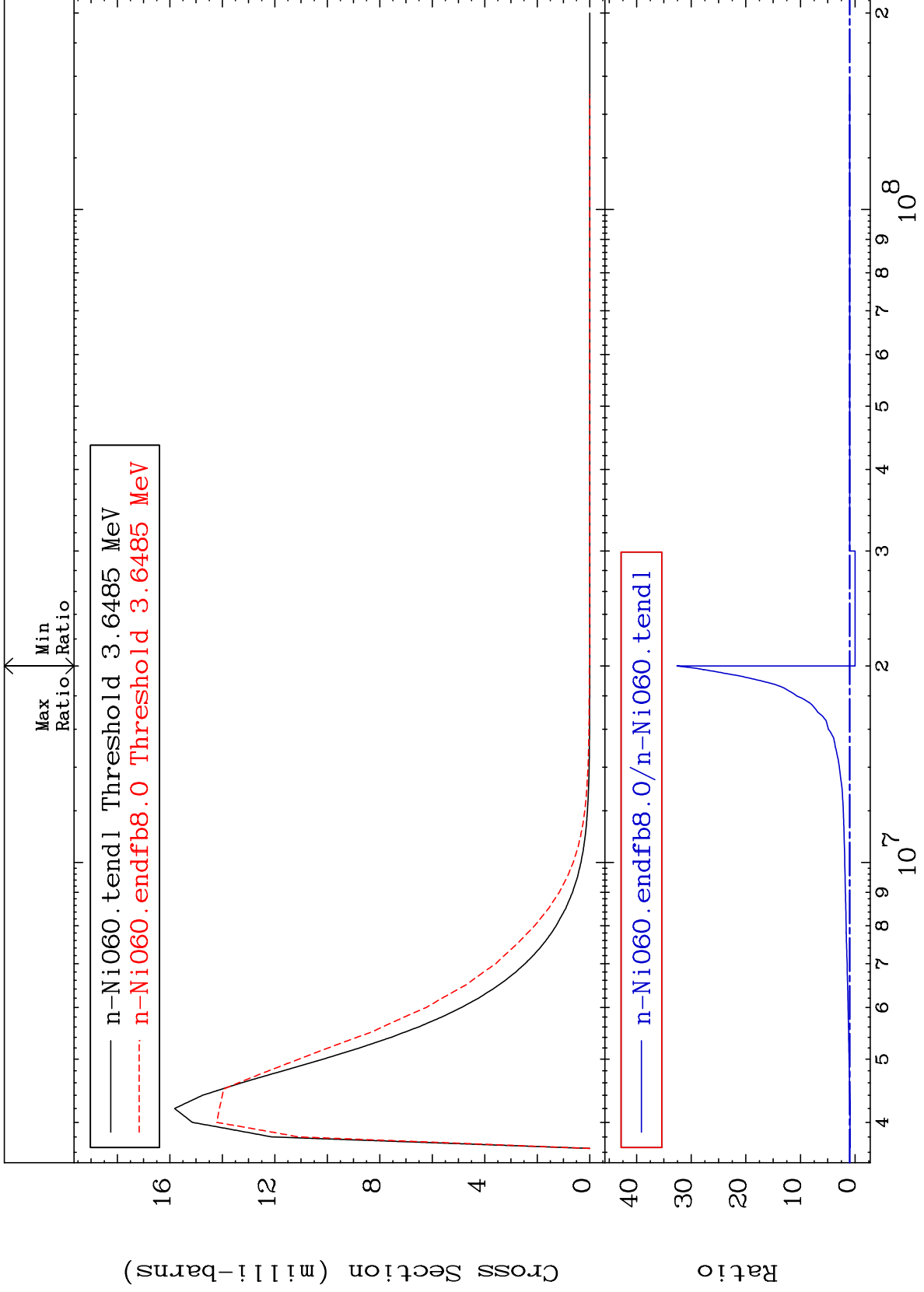
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 3161. %

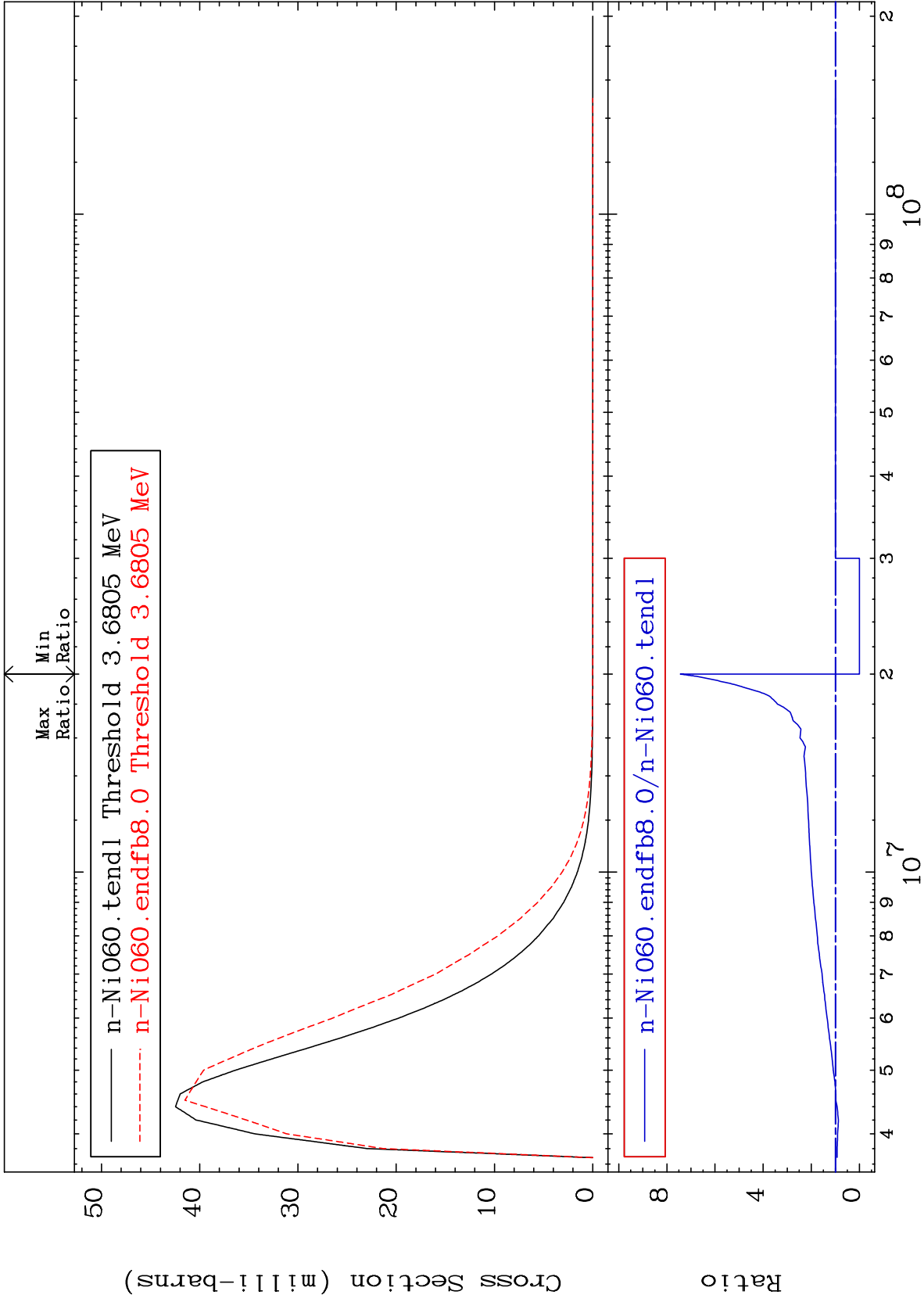


21

MAT 2831

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

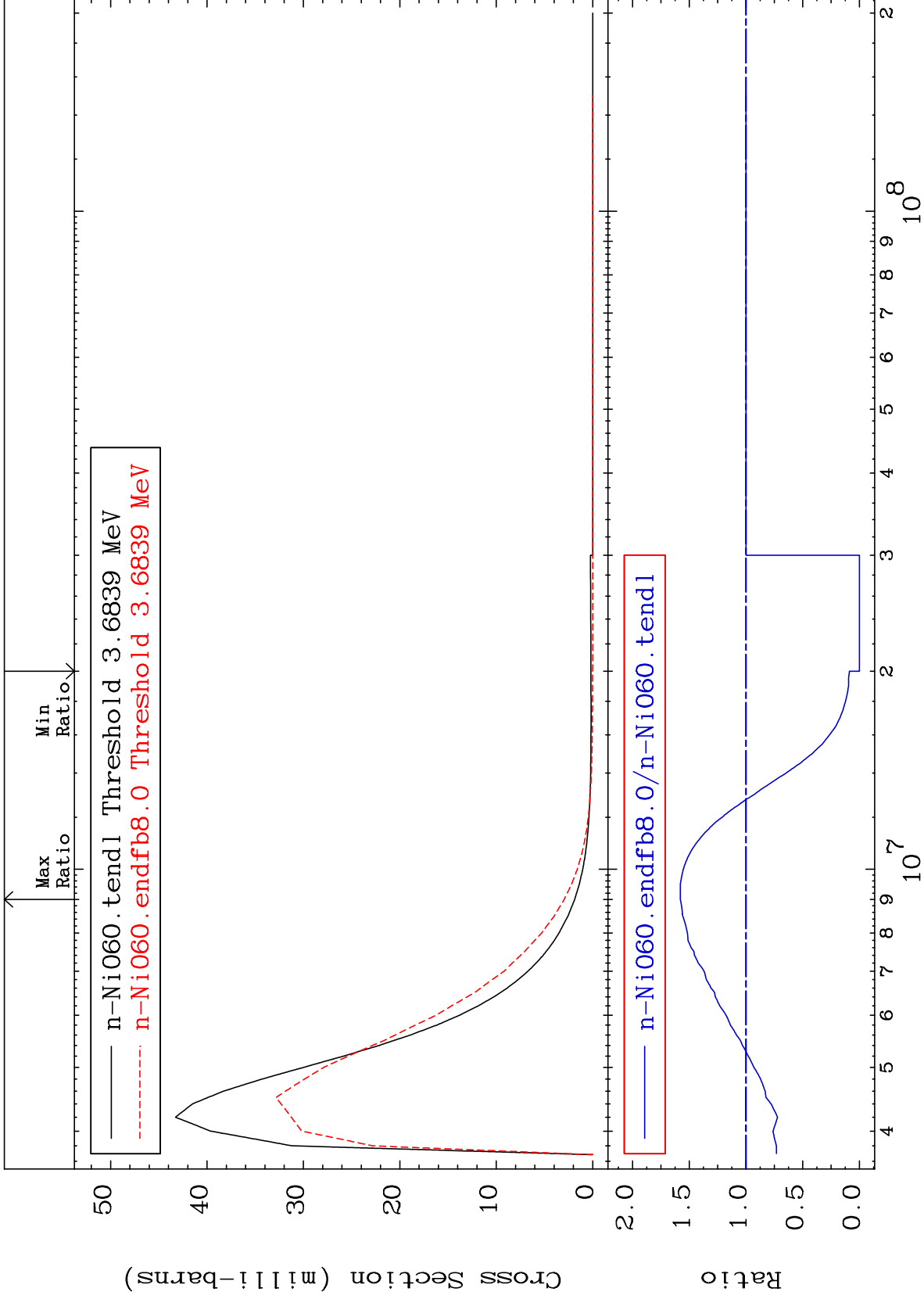
28-Ni-60
-100.0 To 644.0 %



MAT 2831

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

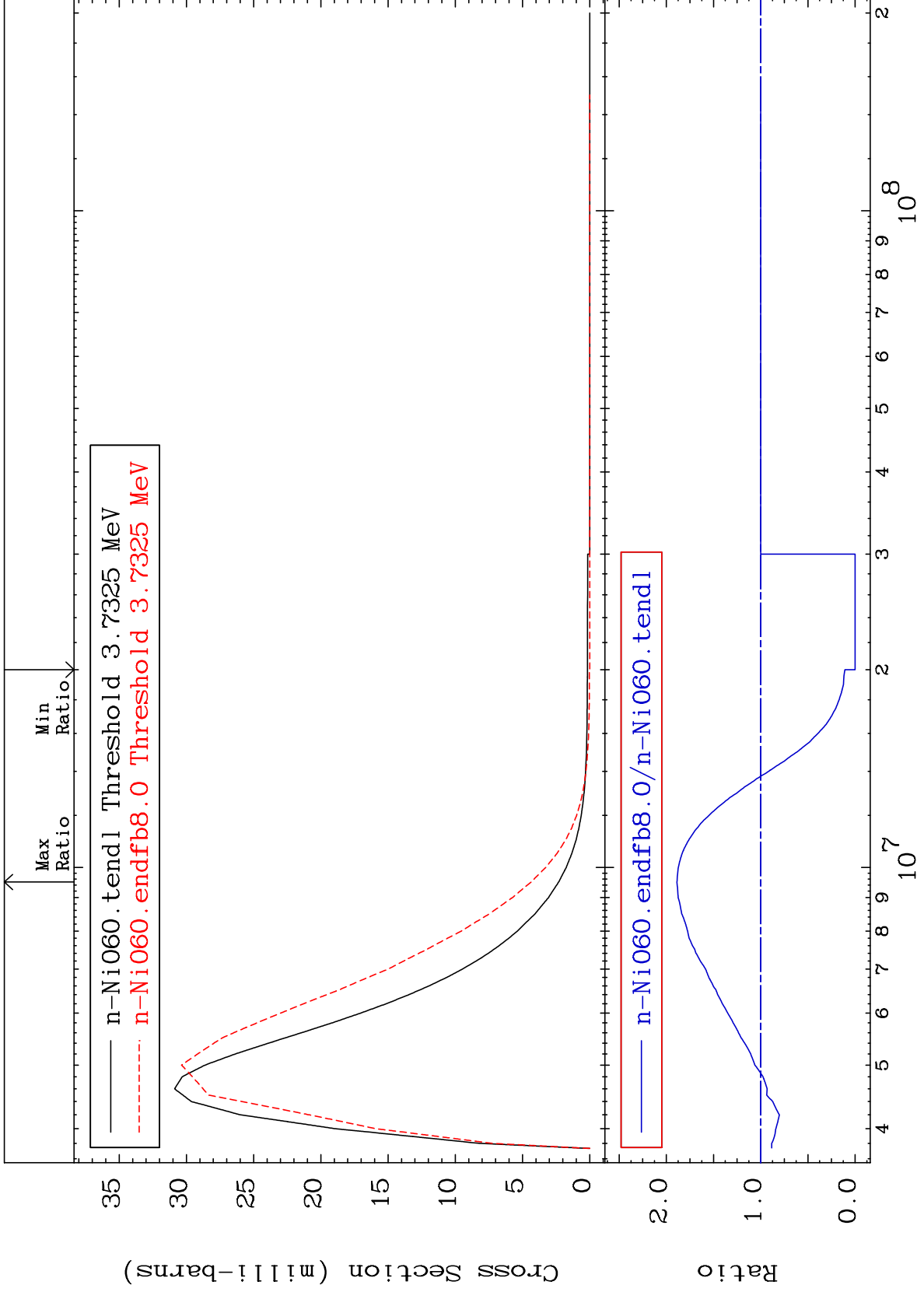
28-Ni-60
-100.0 To 57.88 %



MAT 2831

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

28-Ni-60
-100.0 To 88.77 %



24

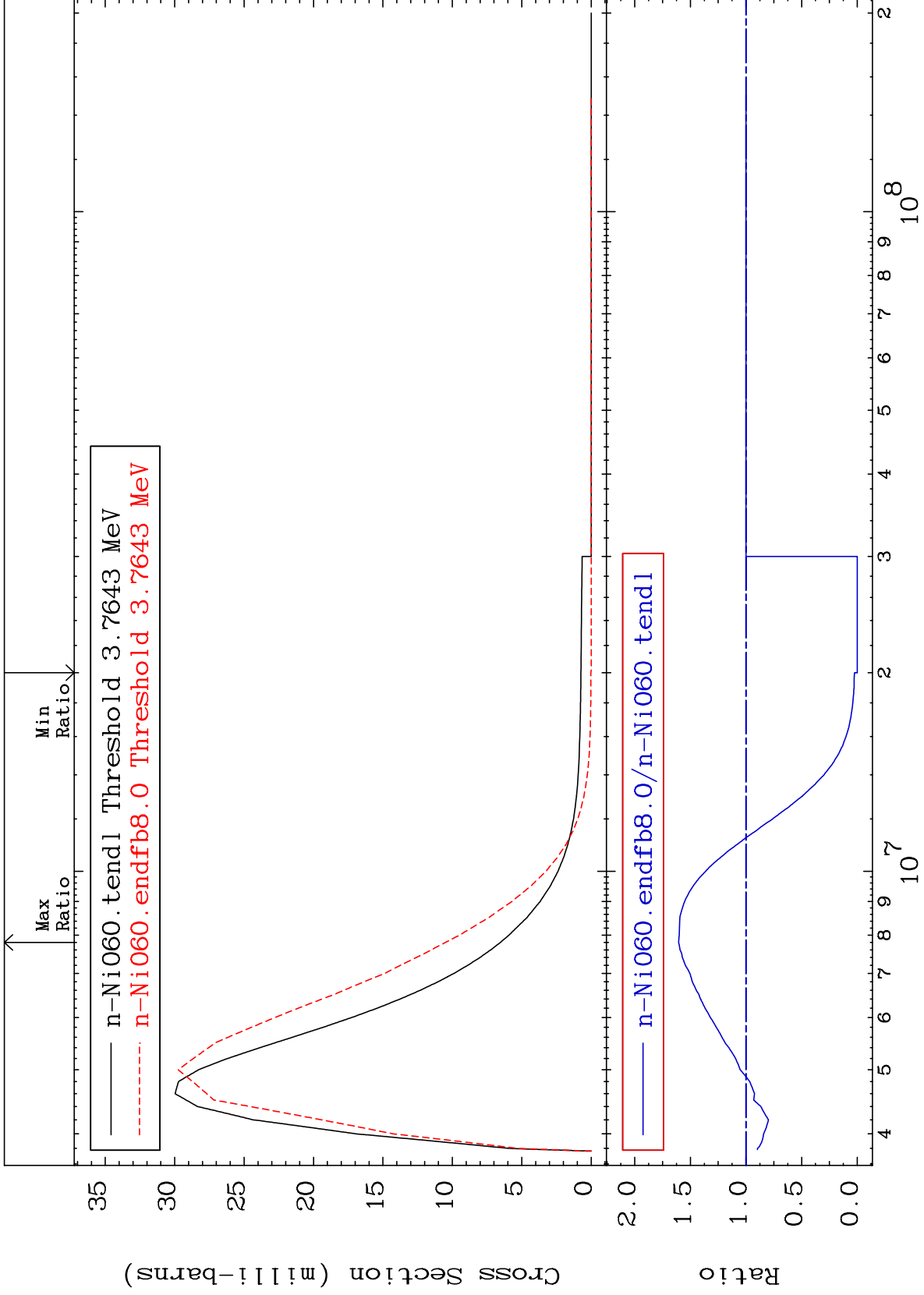
28-Ni-60

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 60.56 %



25

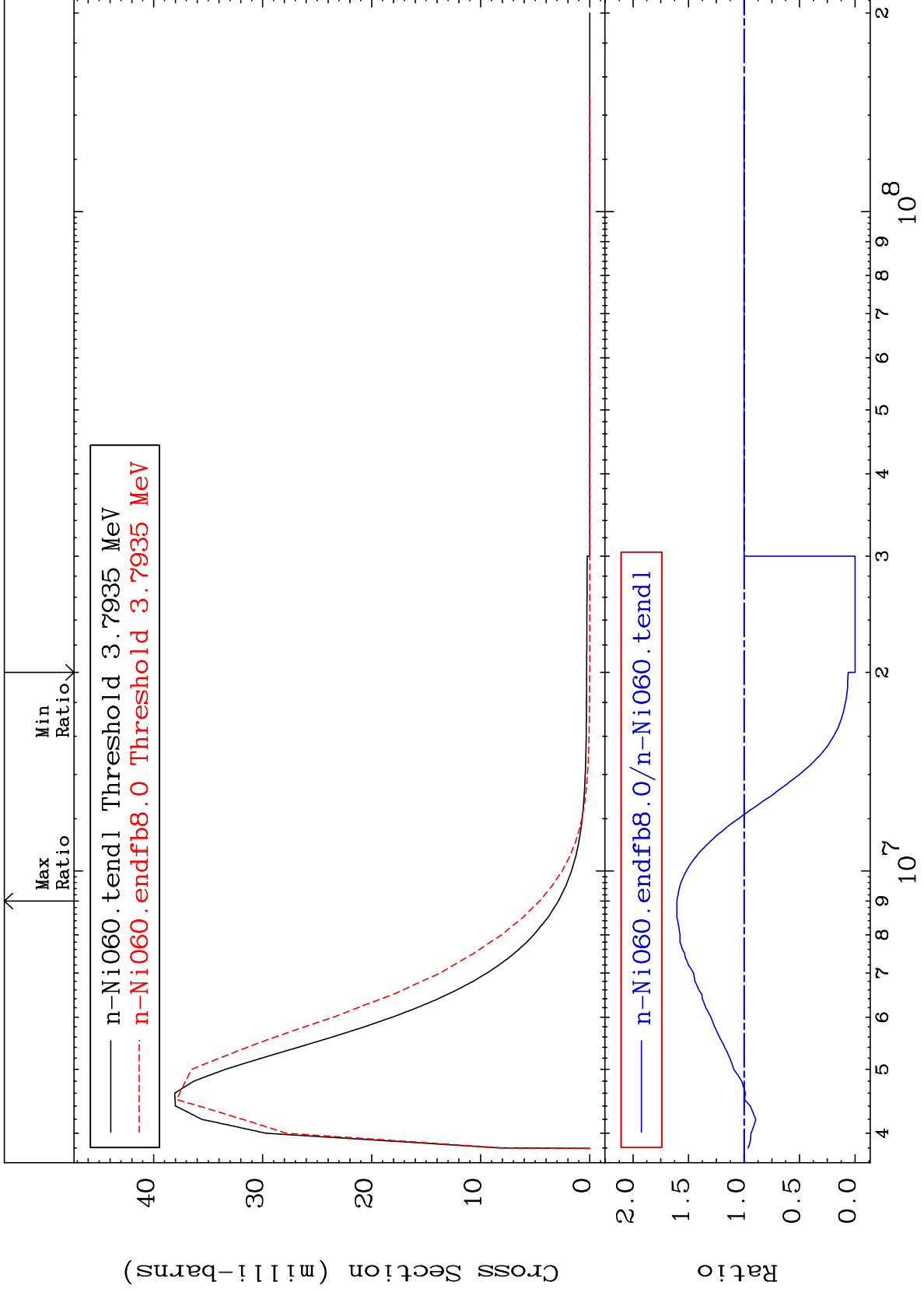
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 60.45 %



26

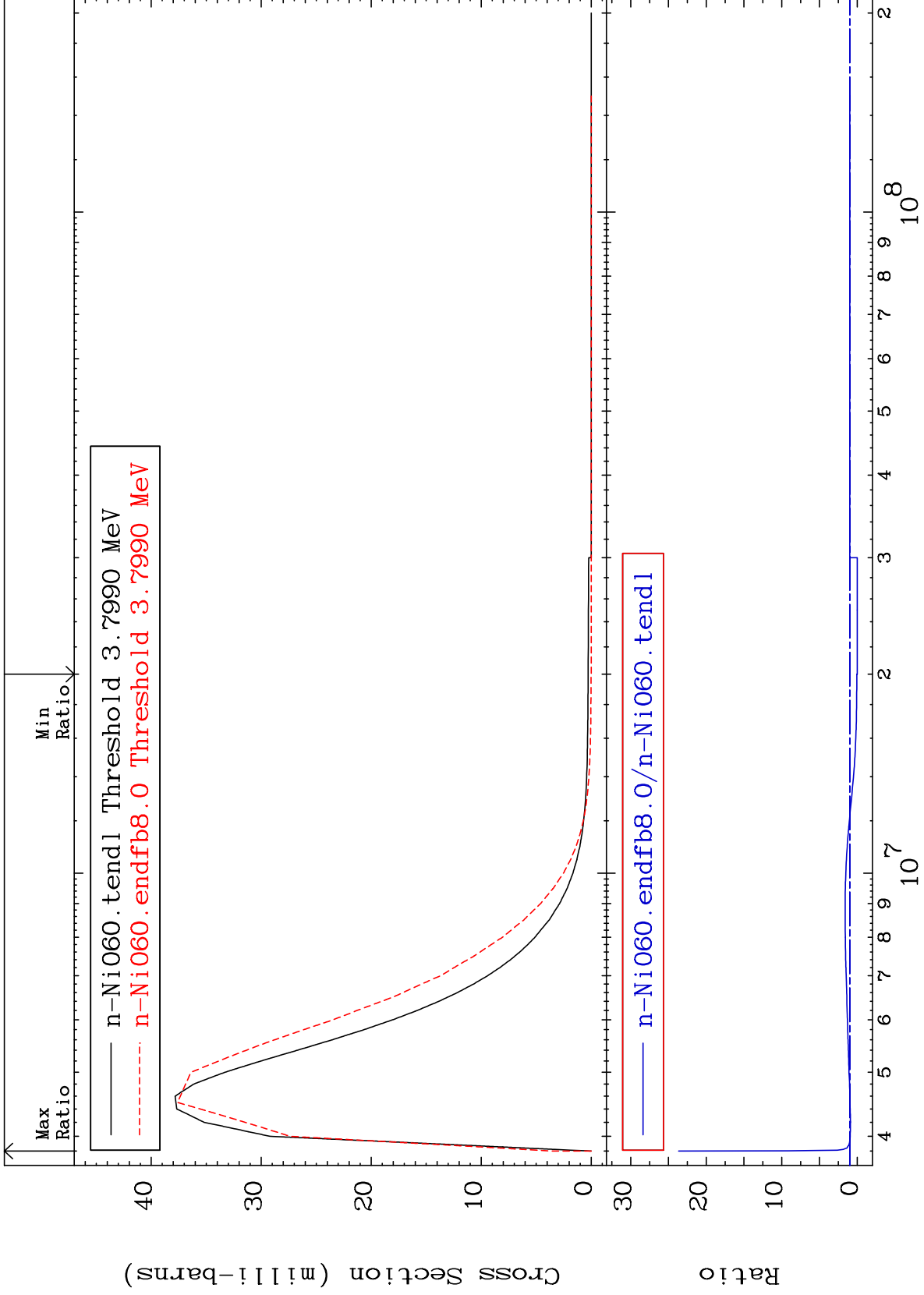
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 2265. %

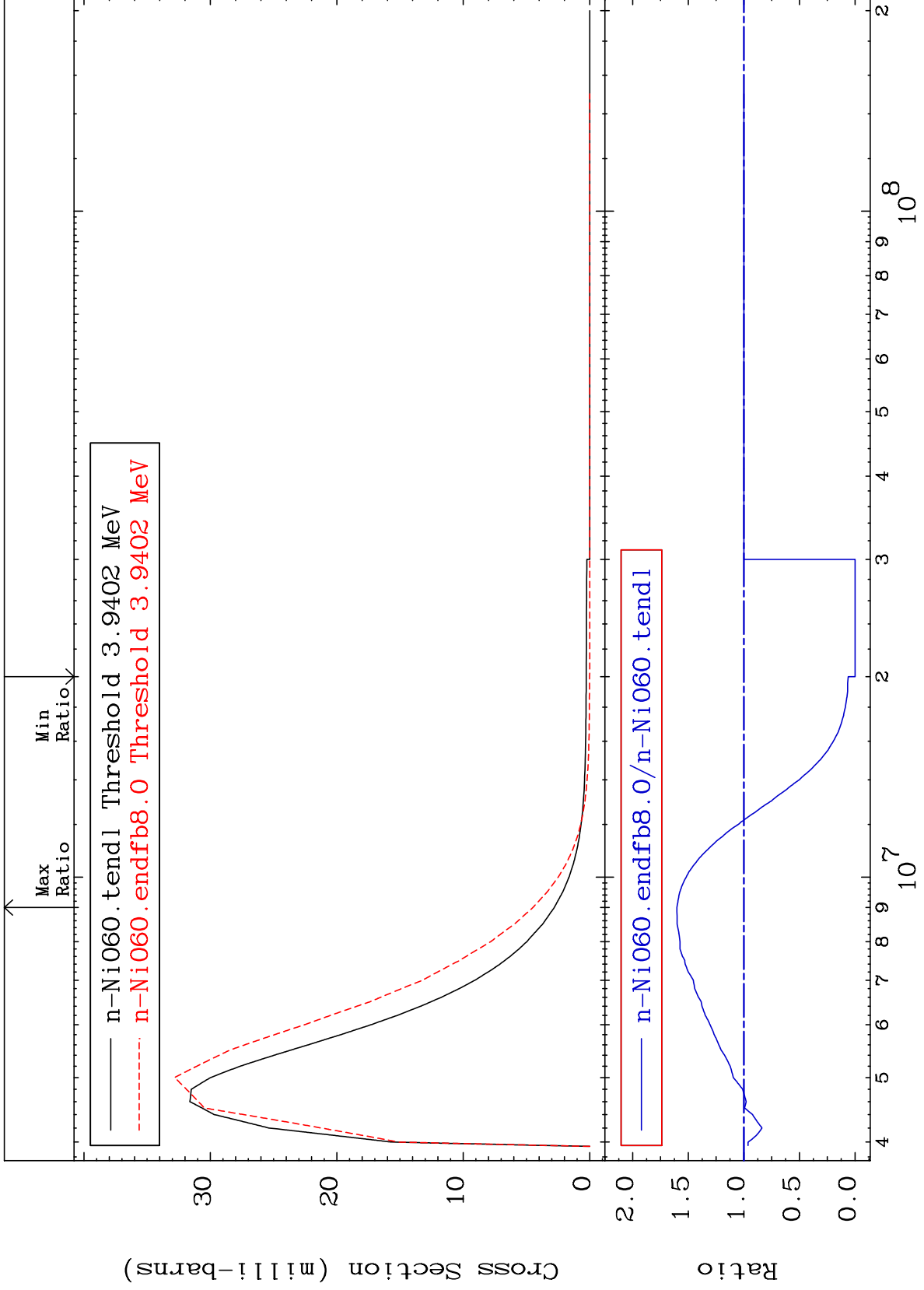


27

MAT 2831

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

28-Ni-60
-100.0 To 60.21 %



28

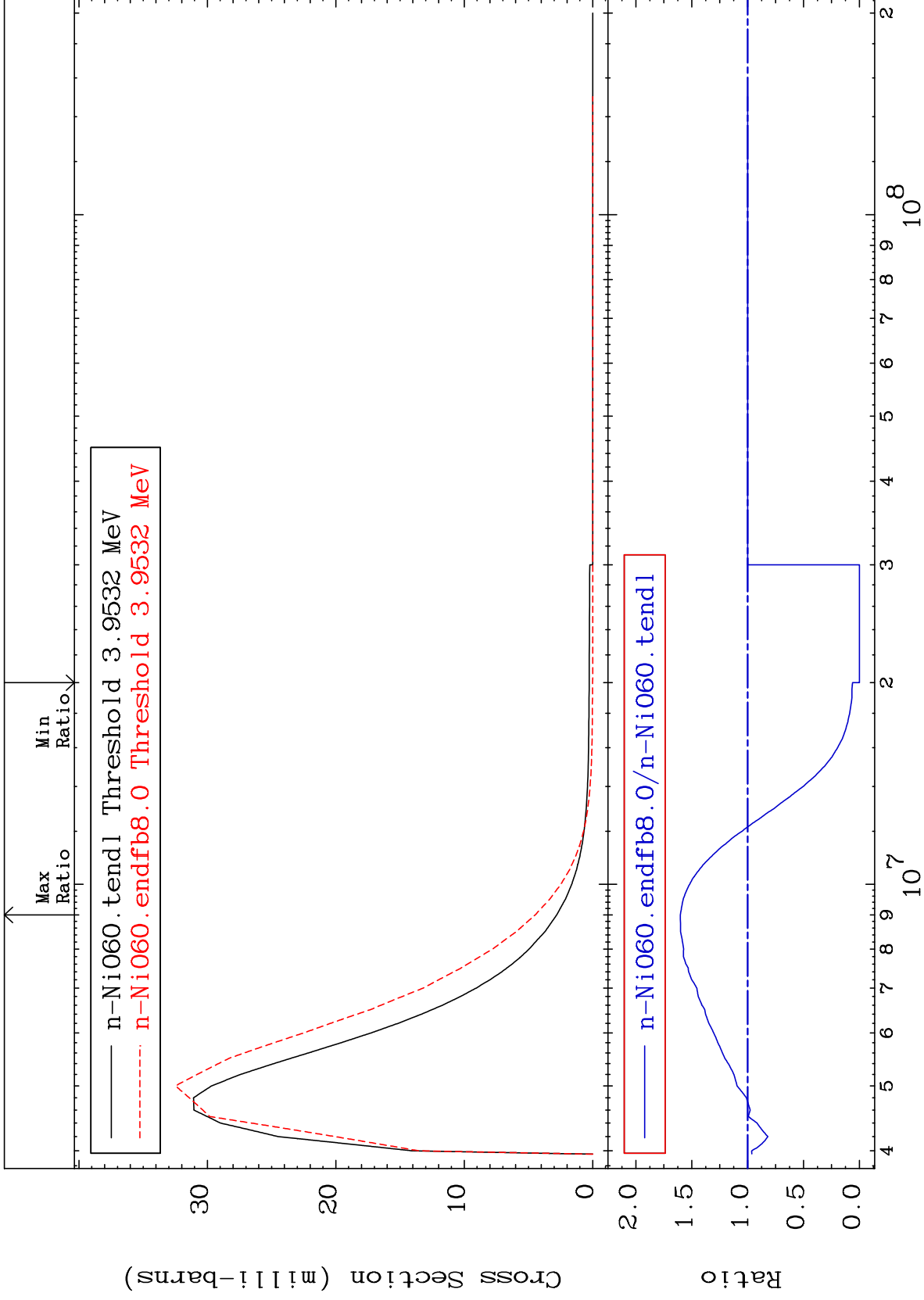
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 60.19 %



29

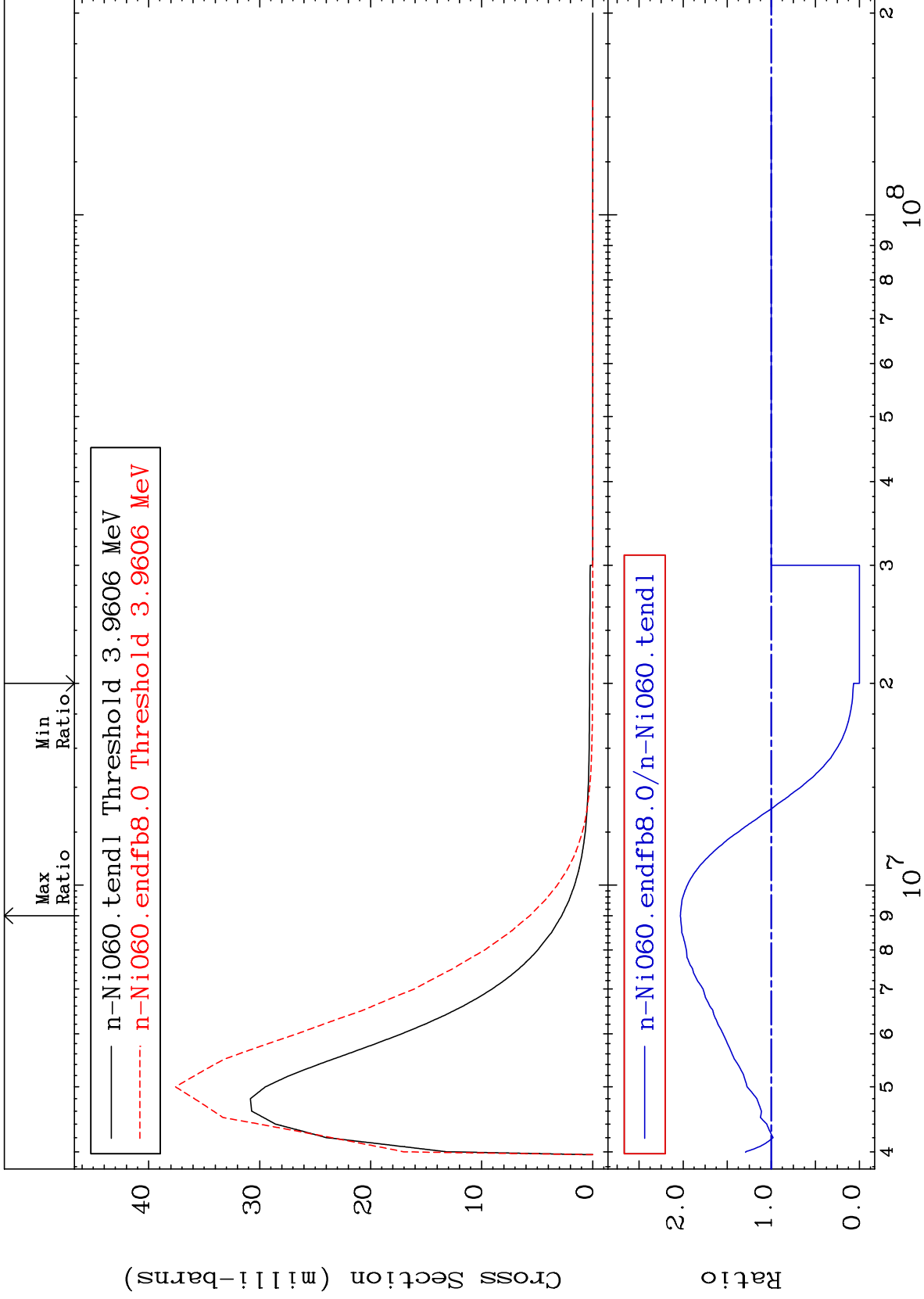
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 103.2 %



30

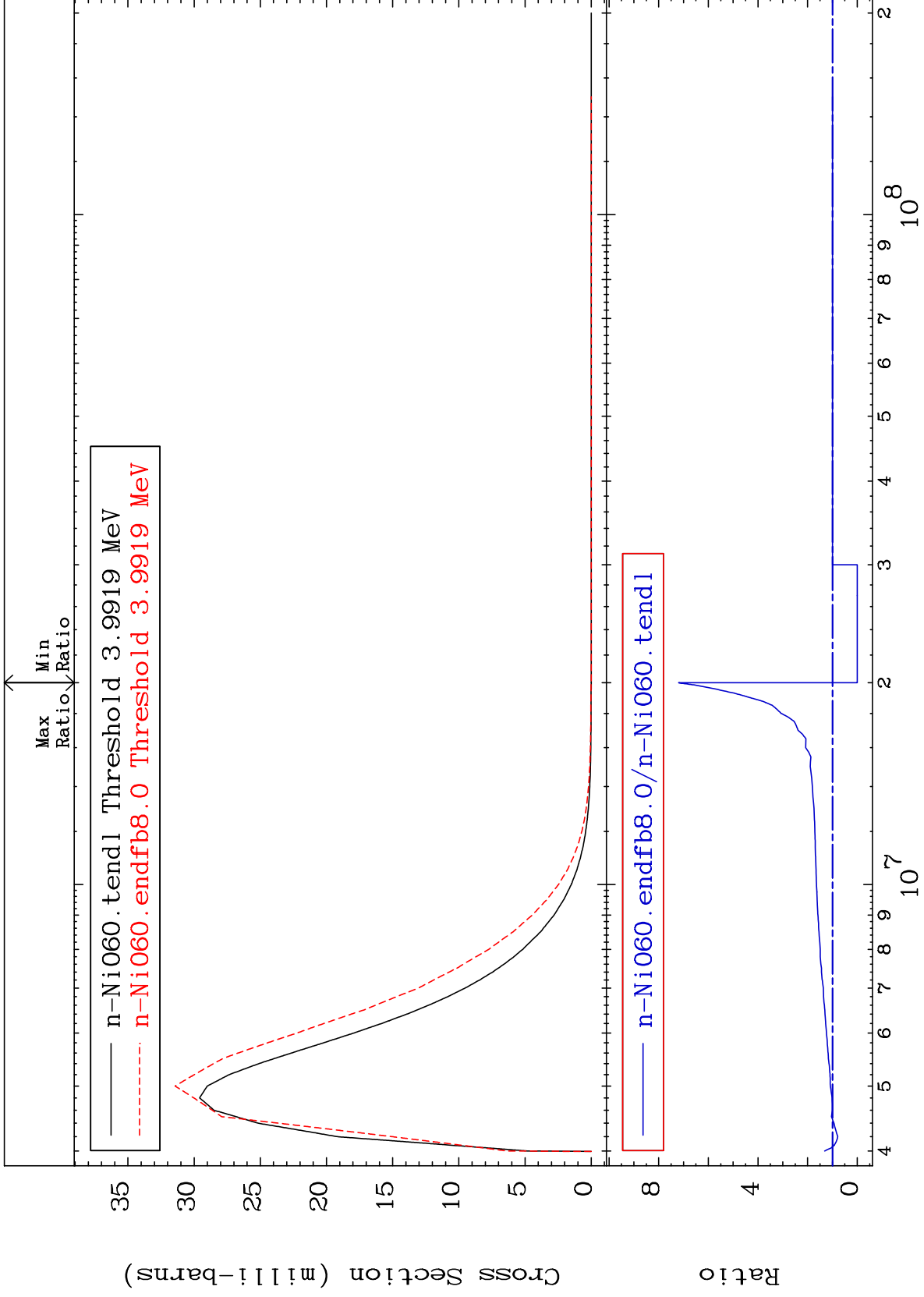
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 619.6 %



31

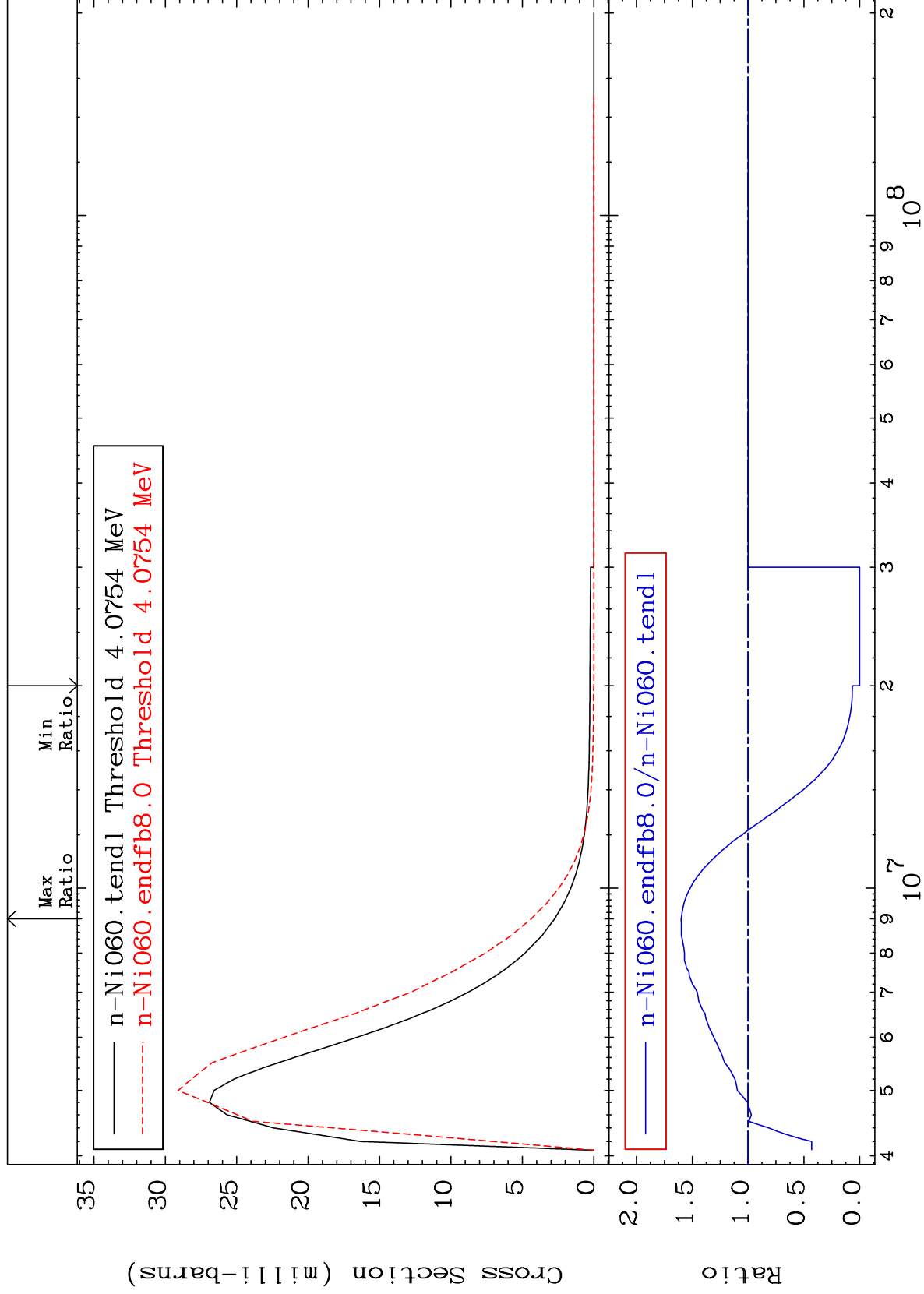
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 59.98 %



32

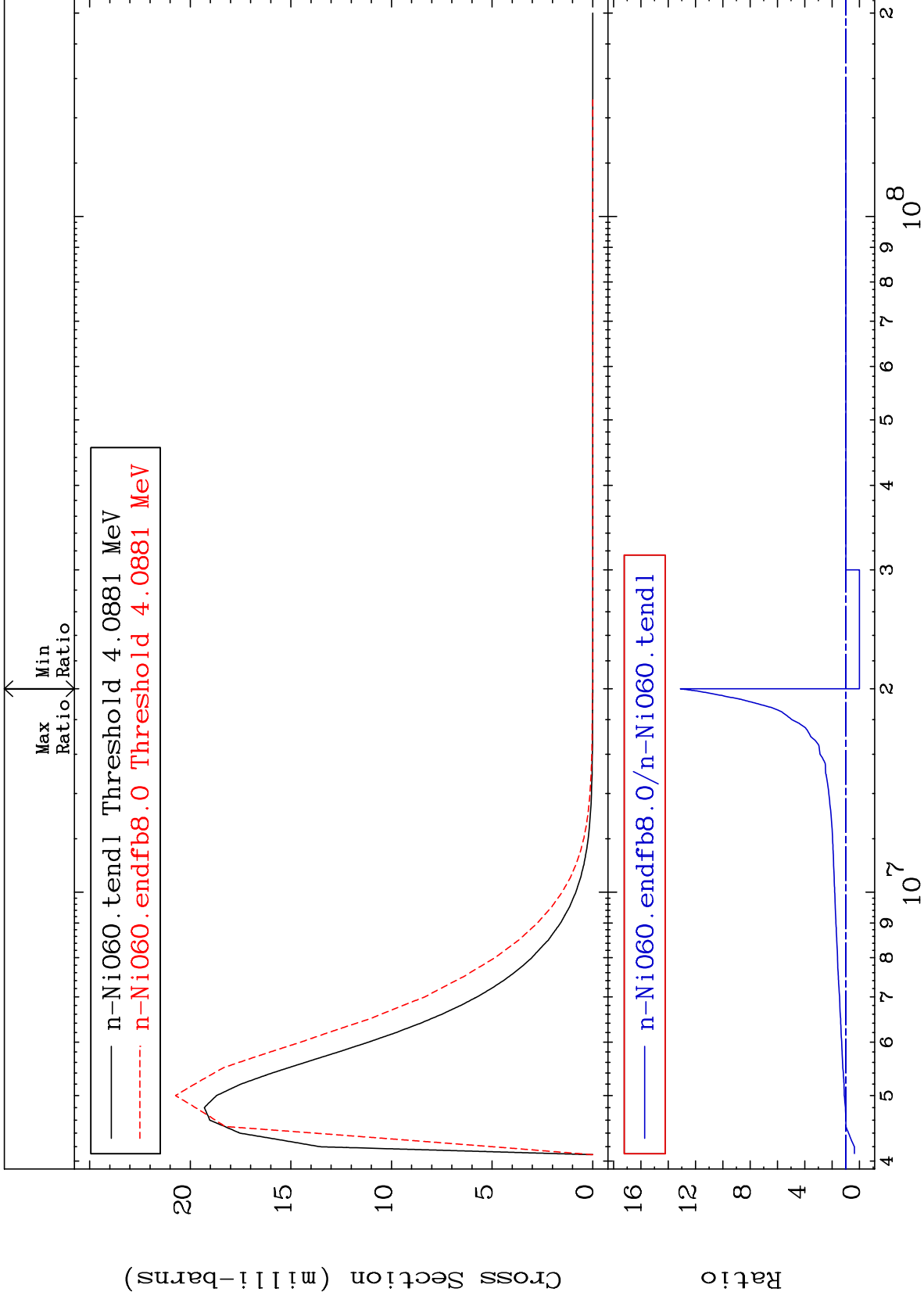
Incident Energy (eV)

28-Ni-60

MAT 2831

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

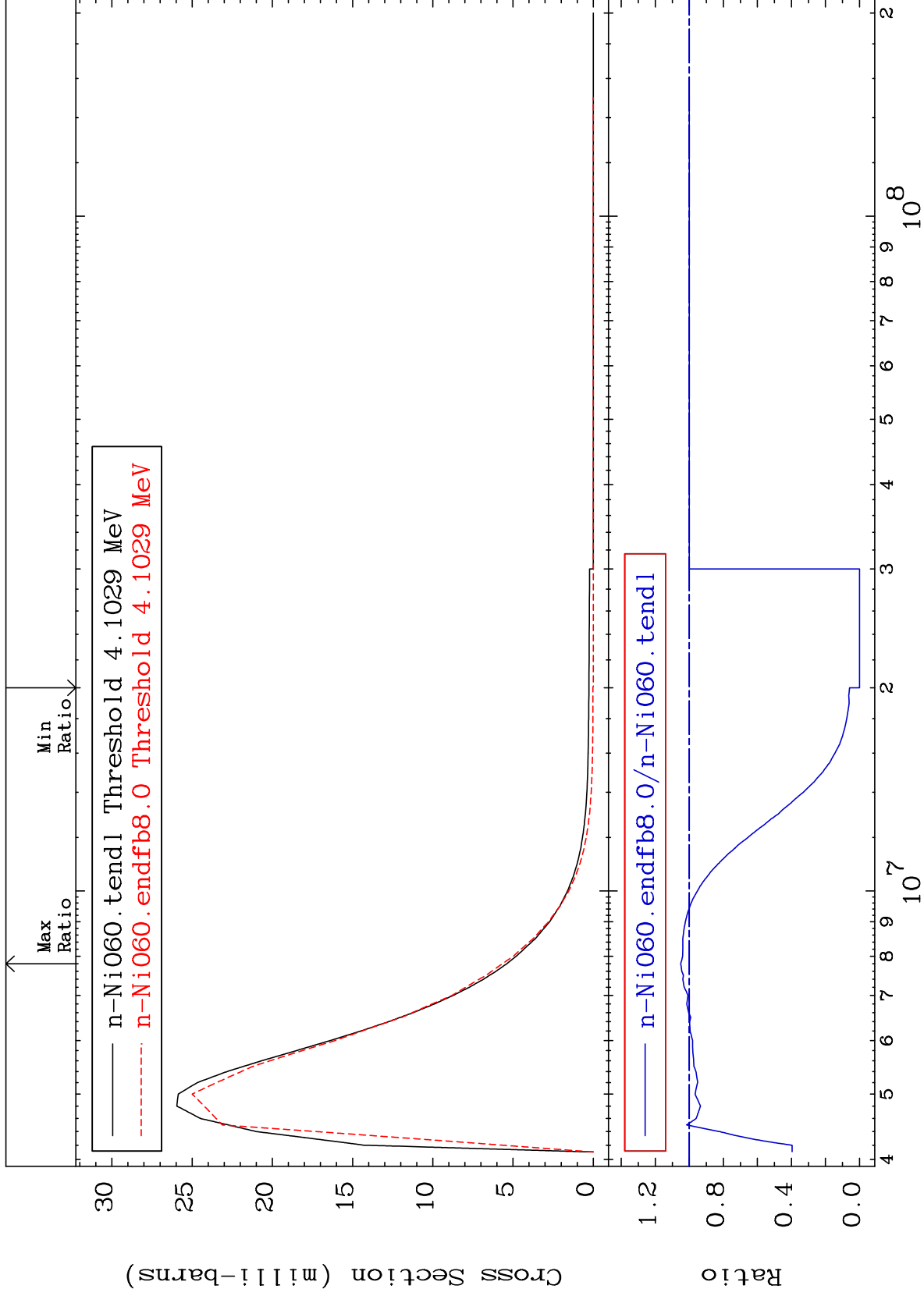
28-Ni-60
-100.0 To 1211. %



MAT 2831

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

28-Ni-60
-100.0 To 5.034 %



34

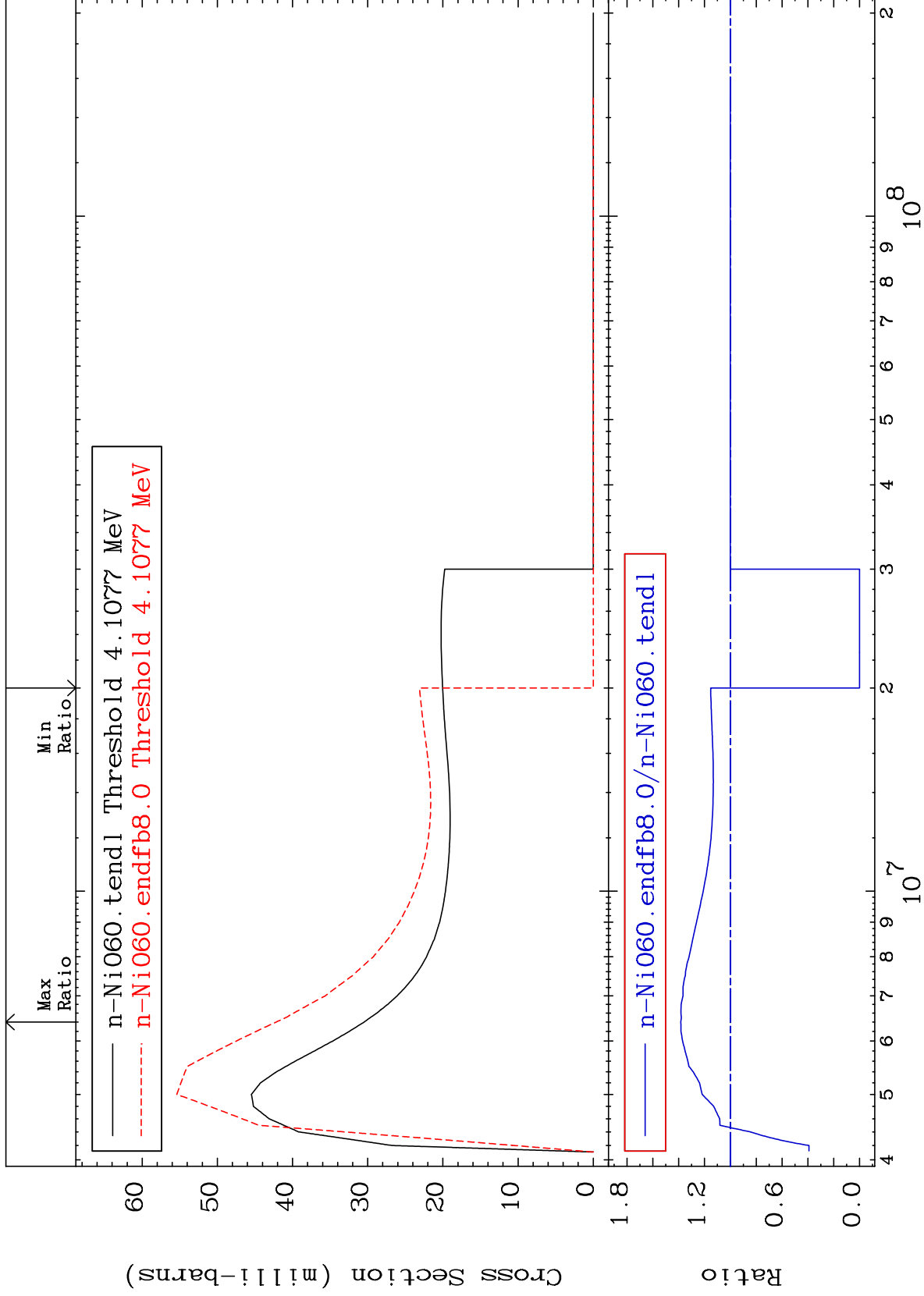
28-Ni-60

28-Ni-60

MAT 2831

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

28-Ni-60
-100.0 To 38.40 %



35

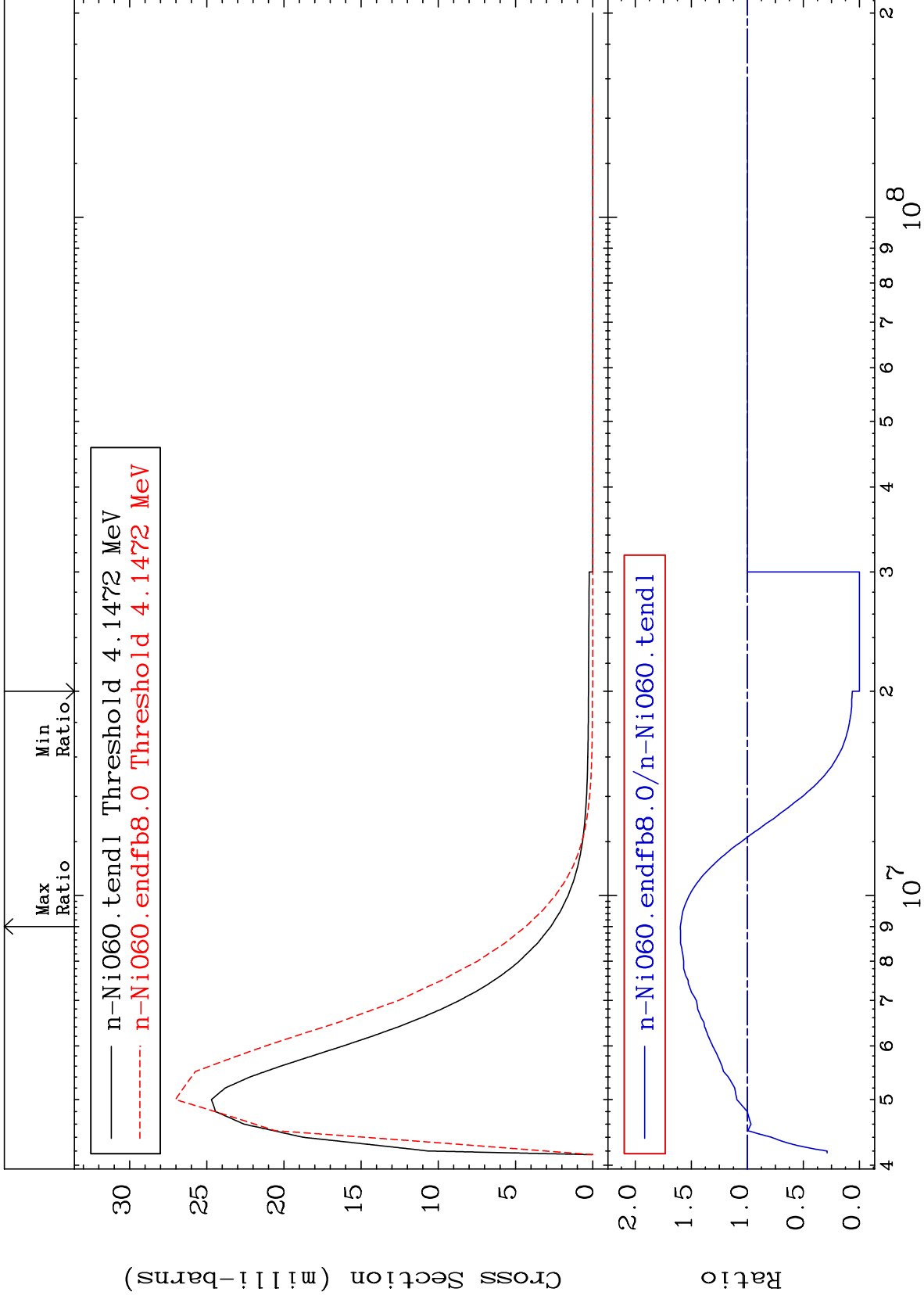
Incident Energy (eV)

28-Ni-60

MAT 2831

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

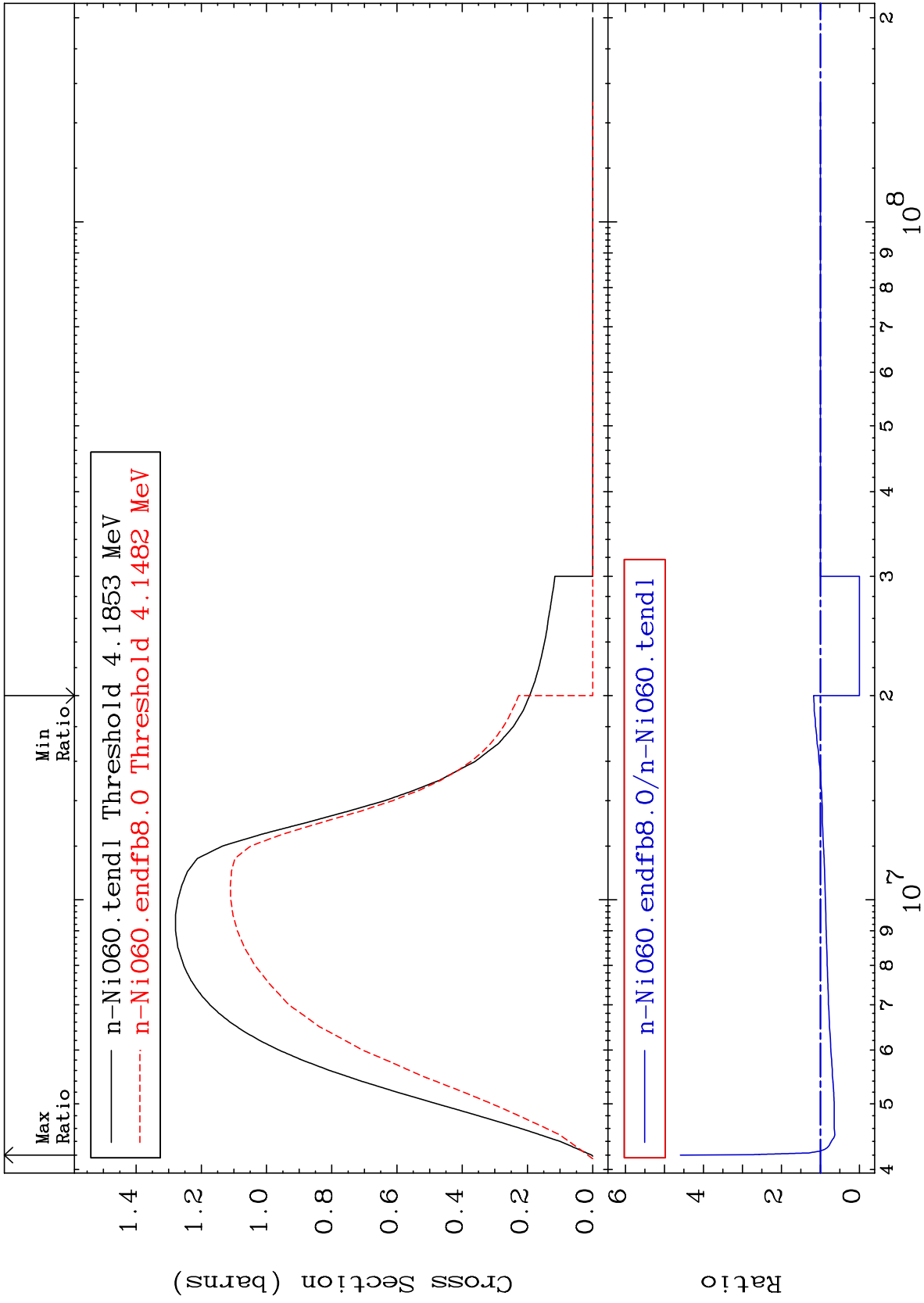
28-Ni-60
-100.0 To 59.85 %



MAT 2831

(n,n') Continuum
Cross Section

28-Ni-60
-100.0 To 359.0 %



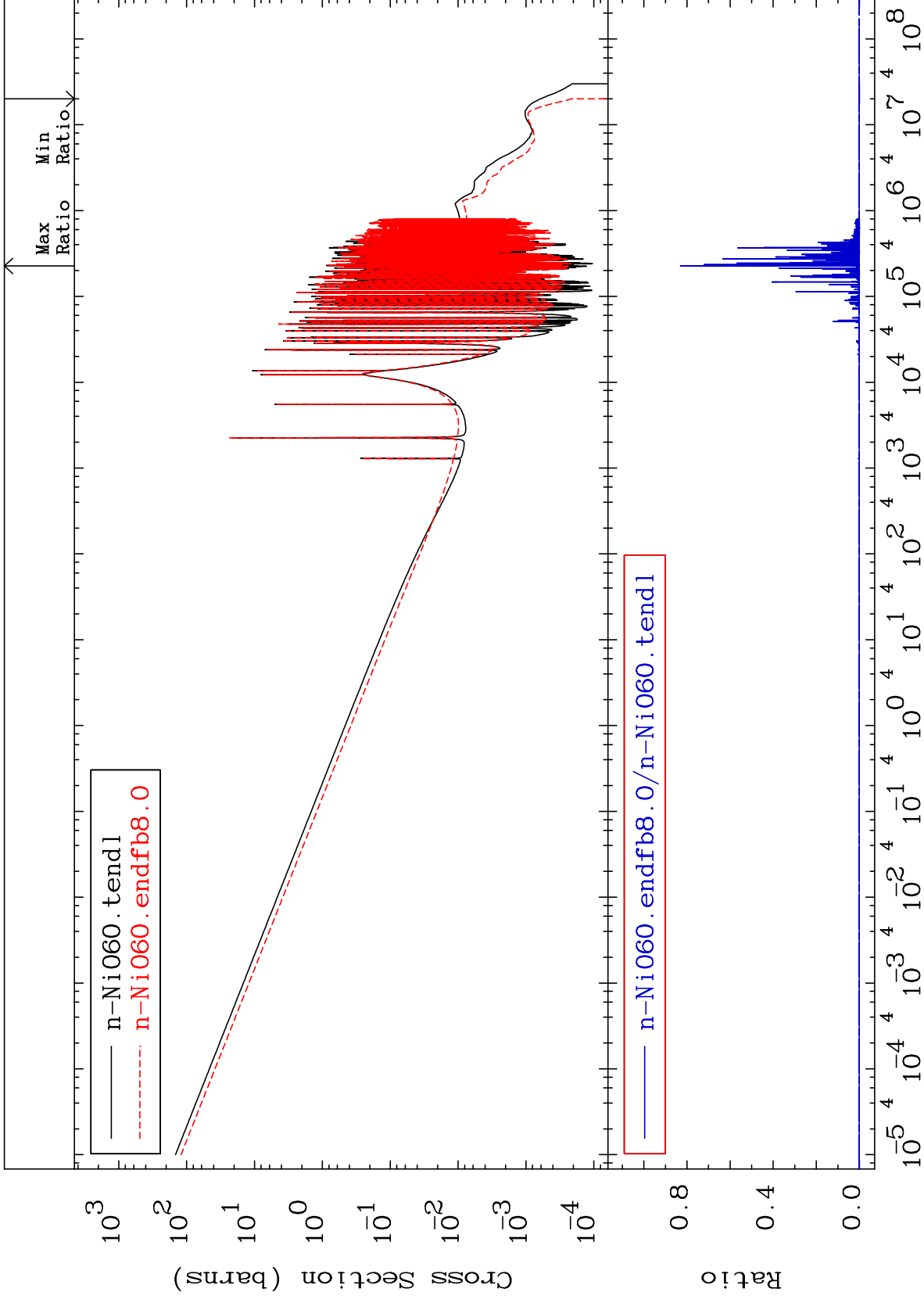
MAT 2831

(n, γ)

28-Ni-60

Cross Section

-100.0 To 9999. %



38

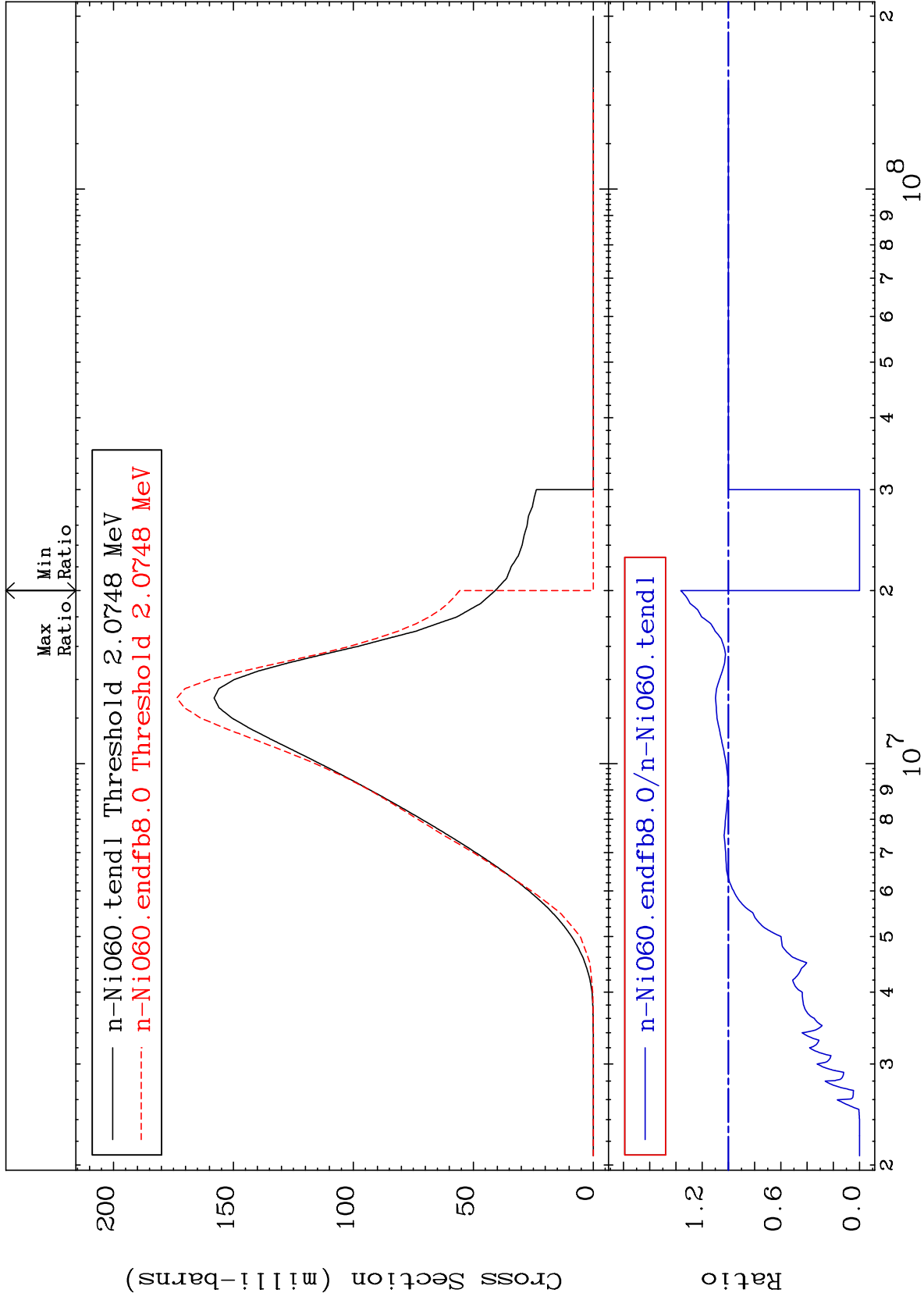
Incident Energy (eV)

28-Ni-60

MAT 2831

²⁸Ni-60

(n,p)
Cross Section
-100.0 To 36.31 %



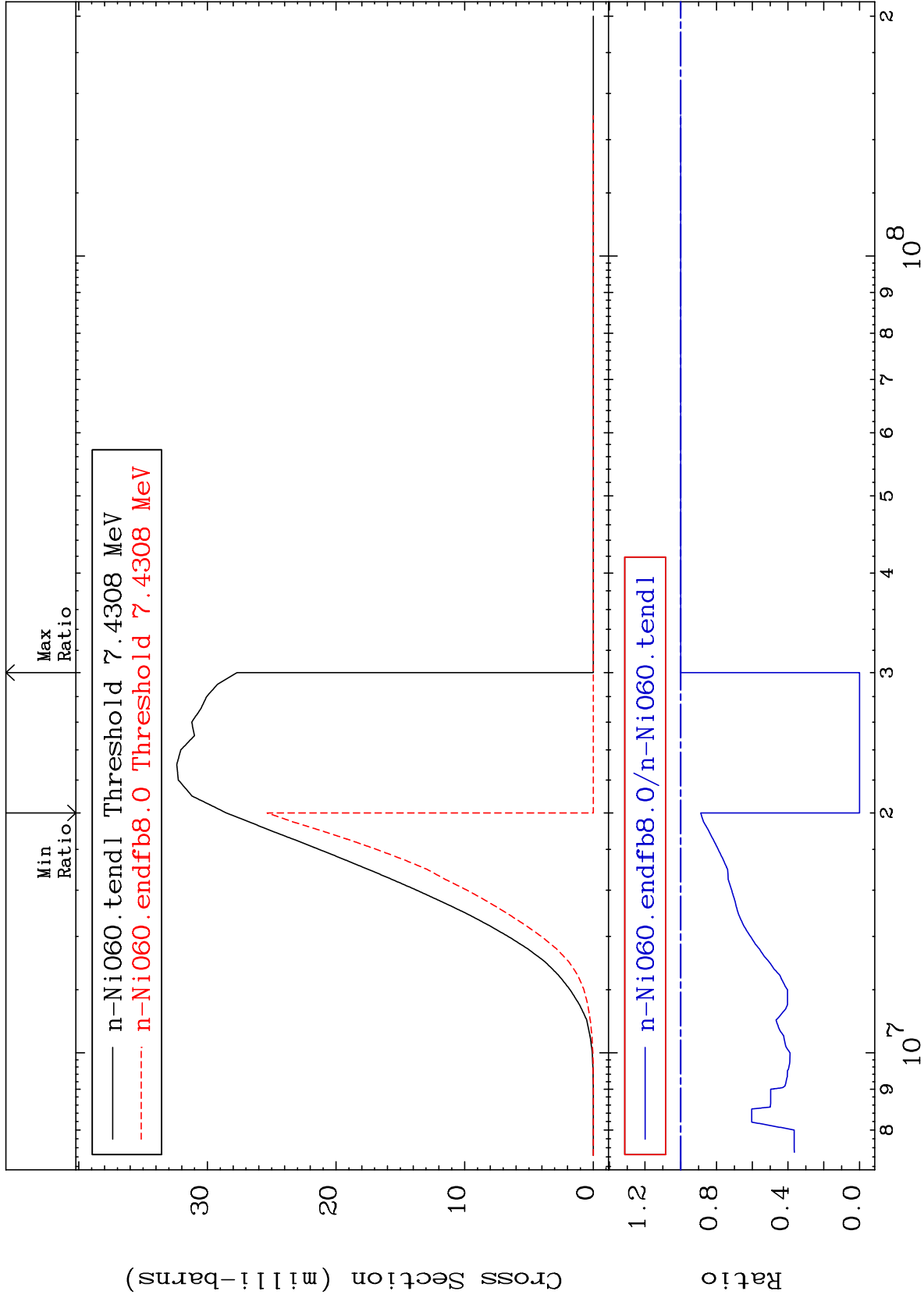
MAT 2831

(n, d)

²⁸Ni-60

Cross Section

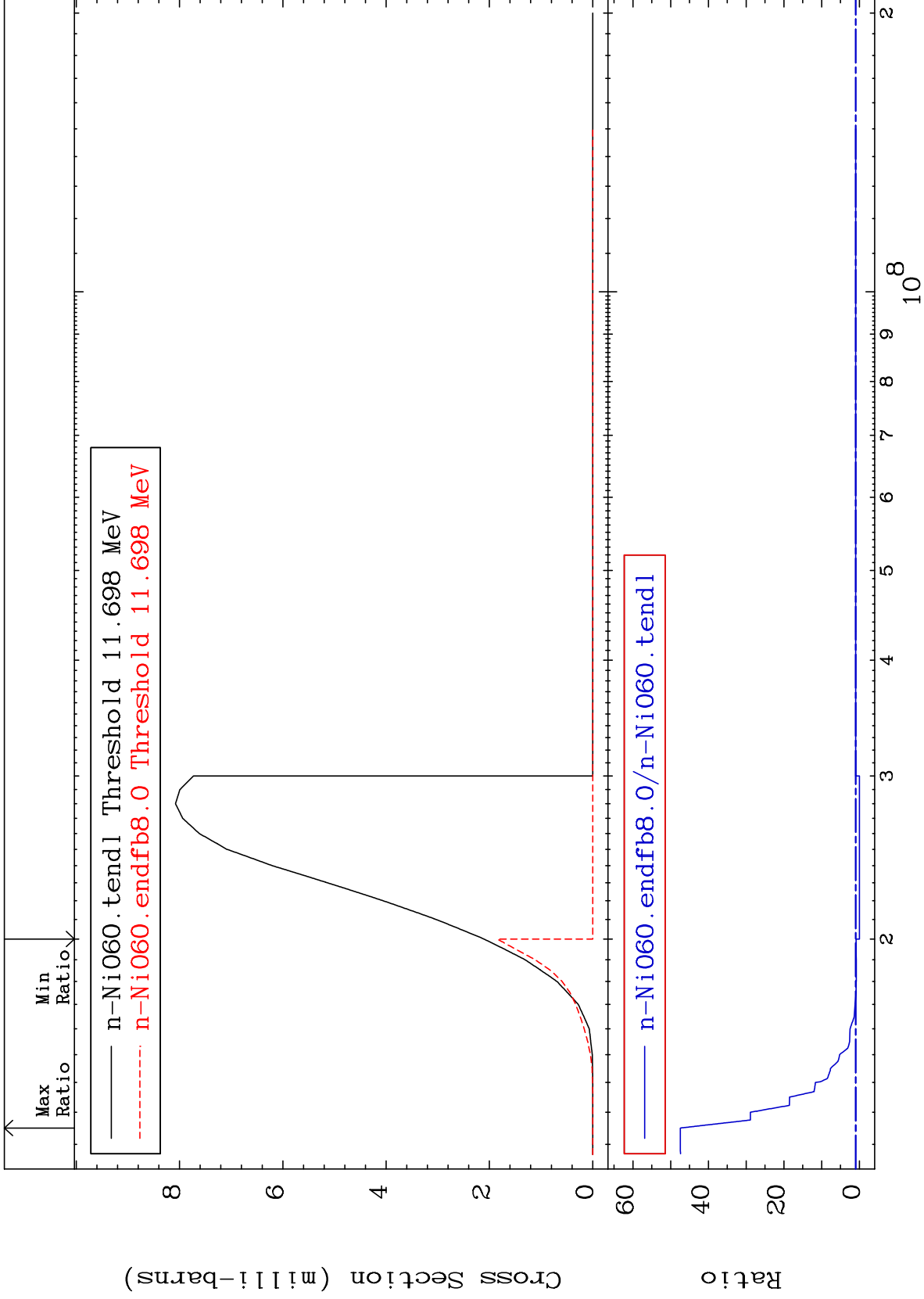
-100.0 To 0.000 %



40

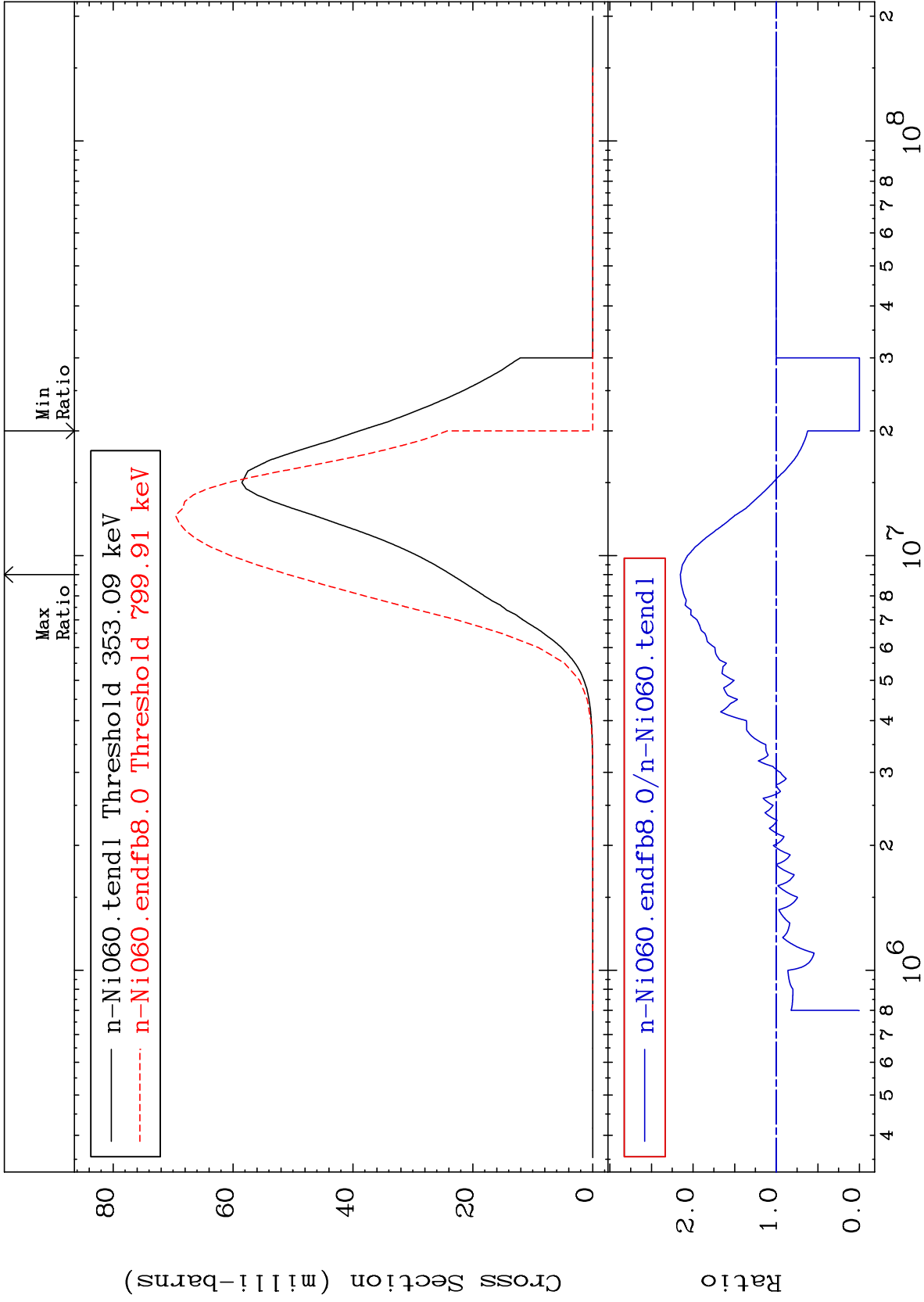
Incident Energy (eV)

²⁸Ni-60



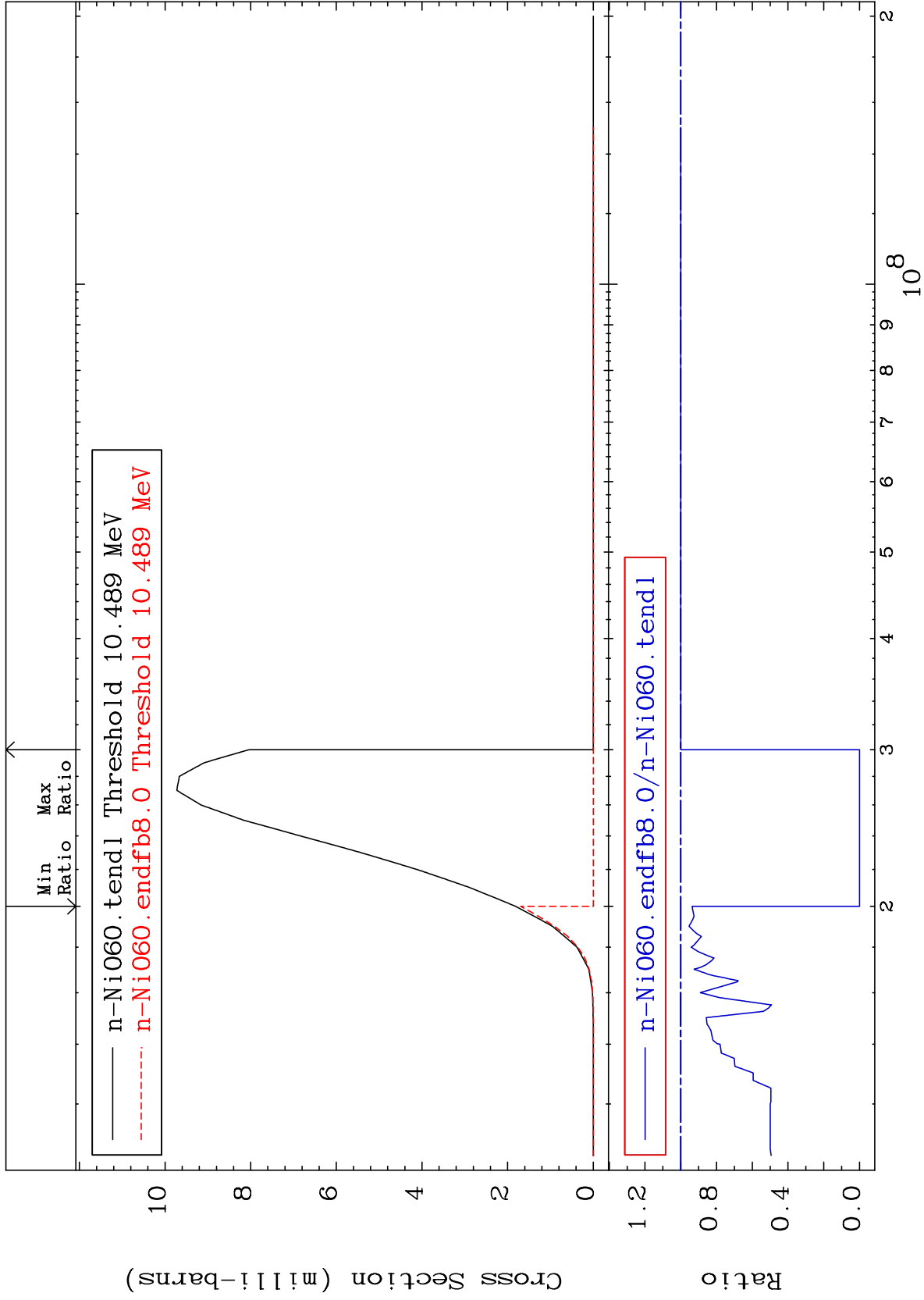
MAT 2831

(n, α)
Cross Section
-100.0 To 115.3 %
28-Ni-60



Cross Section

-100.0 To 0.000 %



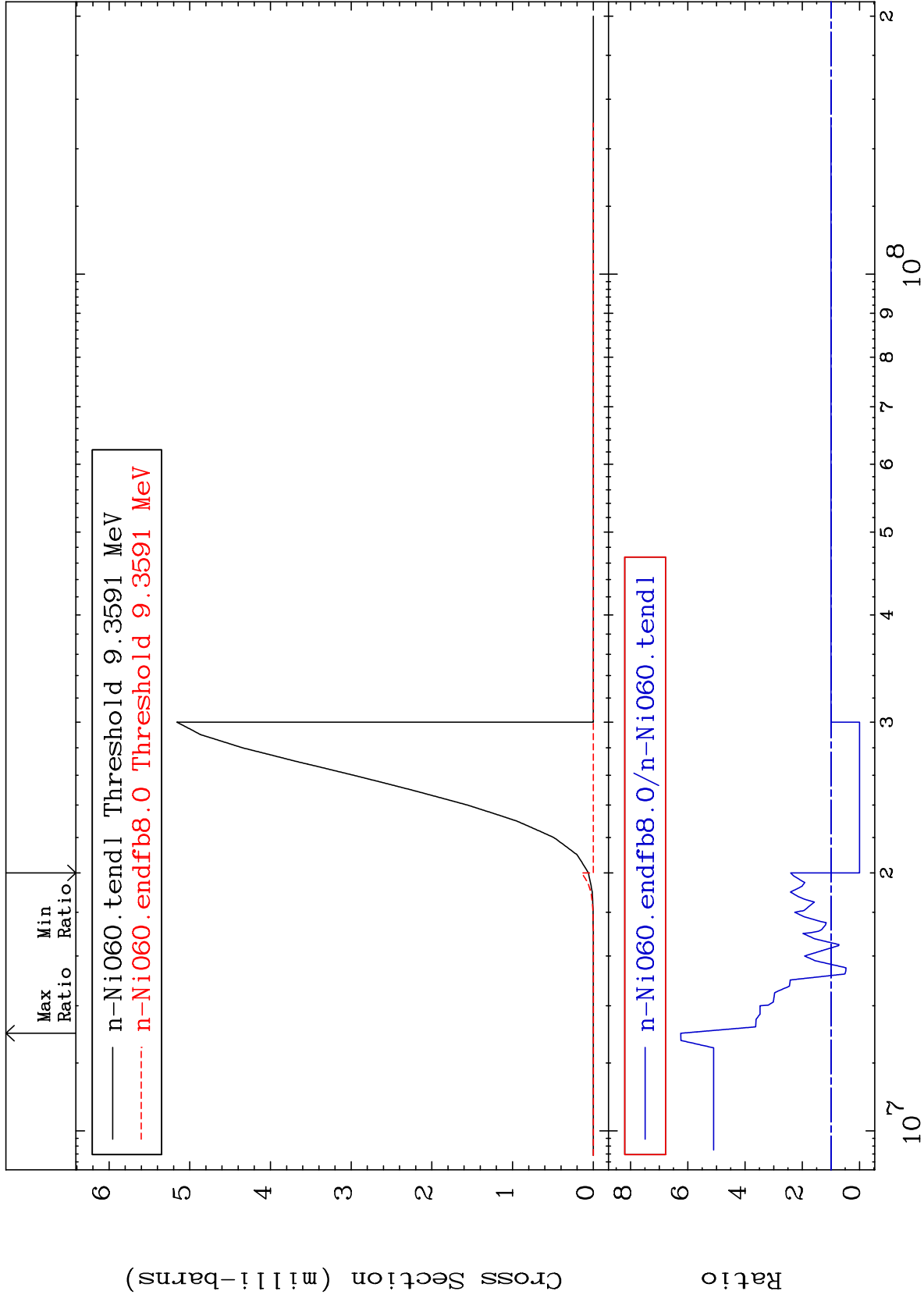
MAT 2831

(n,p) α

28-Ni-60

Cross Section

-100.0 To 524.6 %



44

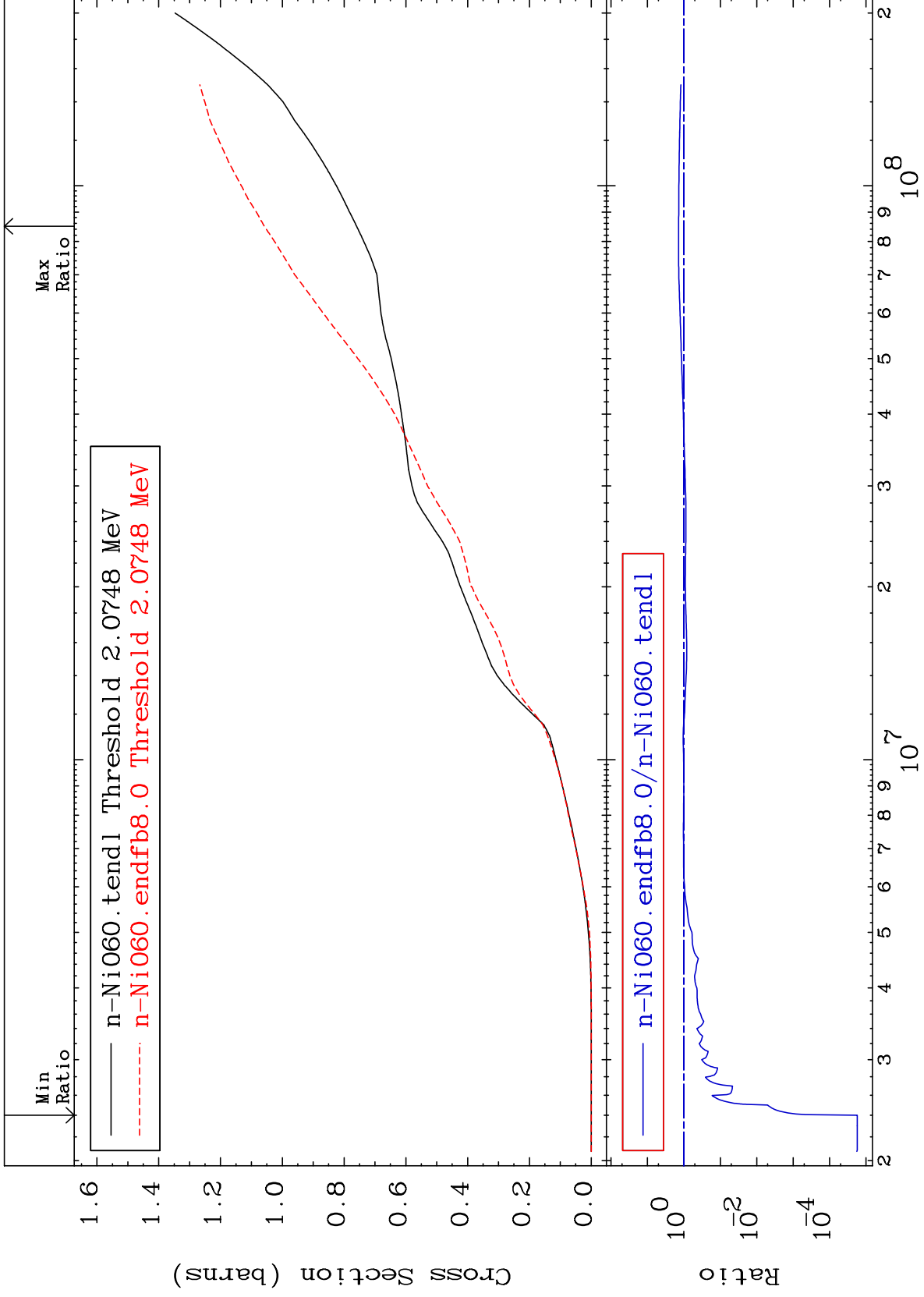
Incident Energy (eV)

28-Ni-60

MAT 2831

Hydrogen Production
Cross Section

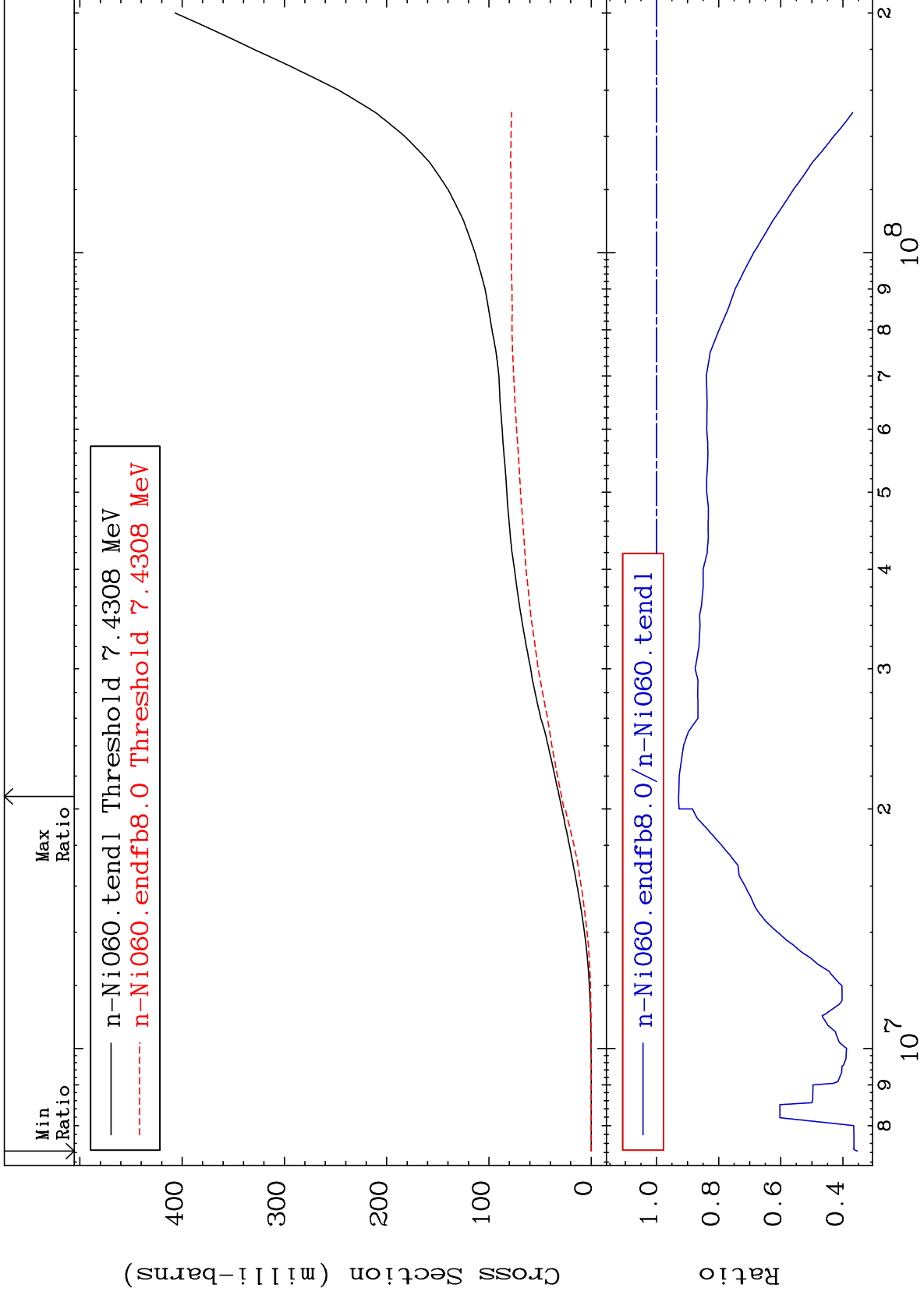
28-Ni-60
-100.0 To 39.36 %



MAT 2831

Deuterium Production
Cross Section

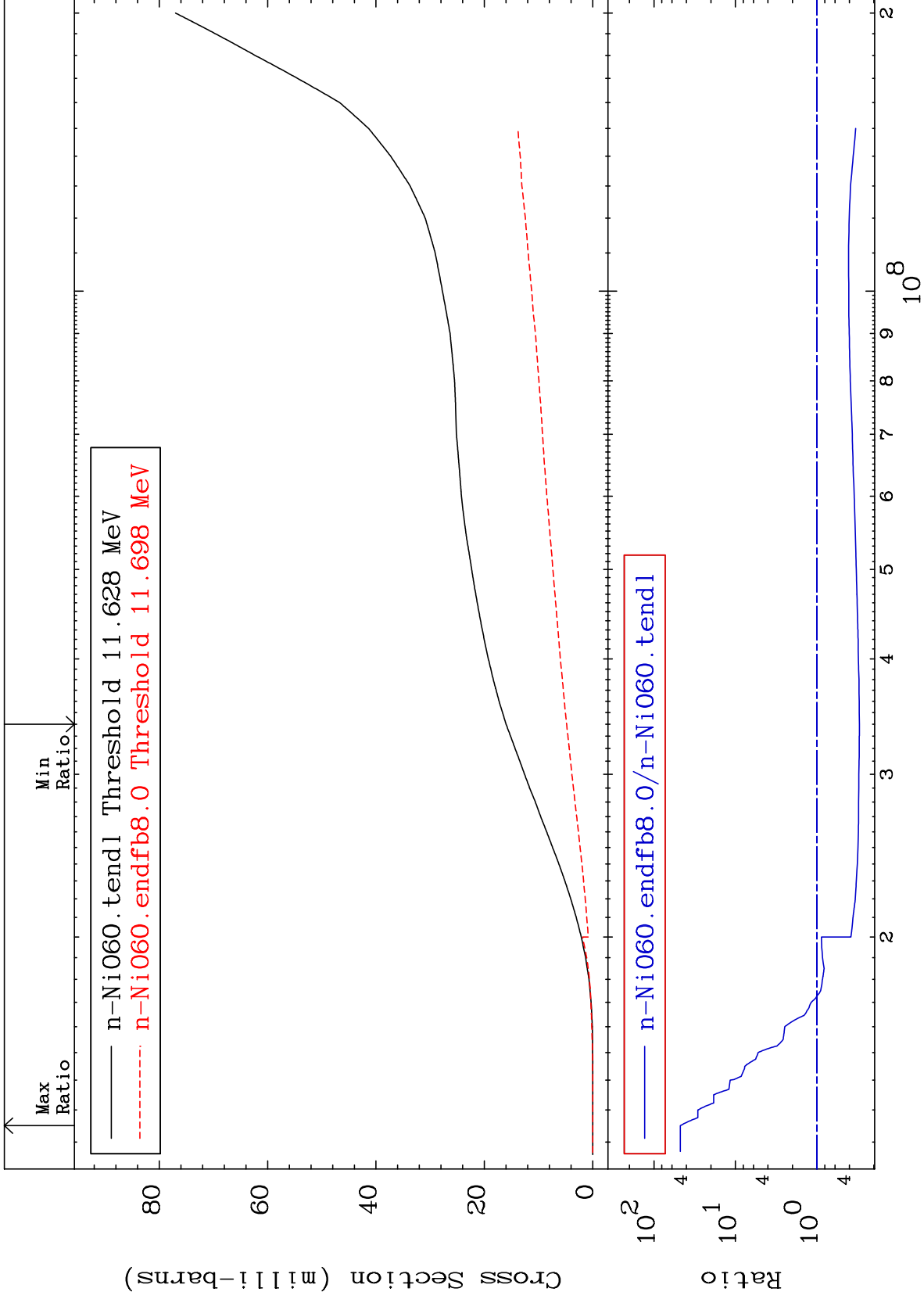
²⁸Ni-60
-64.59 To -7.128%



MAT 2831

Tritium Production
Cross Section

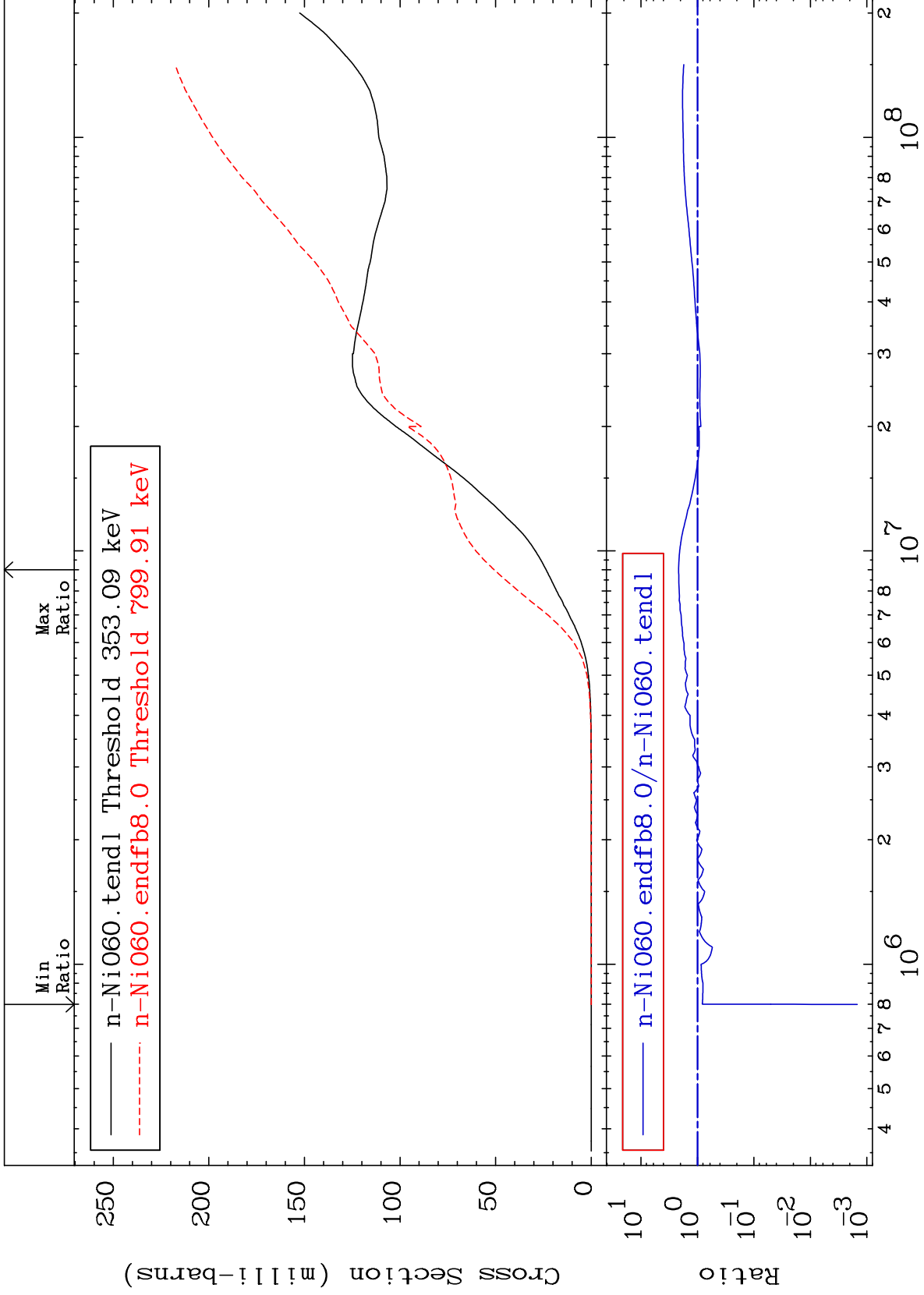
28-Ni-60
-69.90 To 4643. %



MAT 2831

He-4 Production
Cross Section

²⁸Ni-60
-99.85 To 115.3 %



48

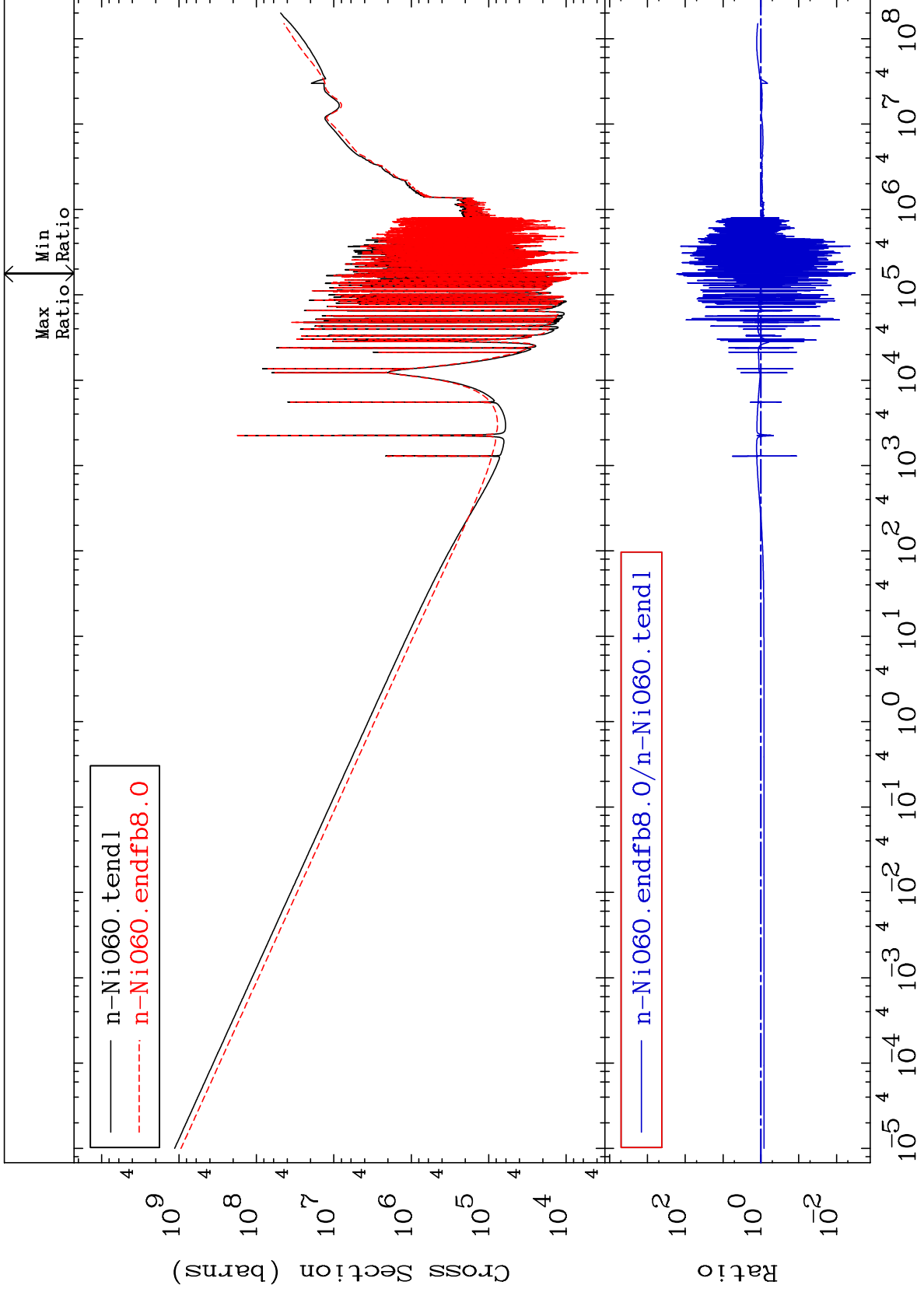
Incident Energy (eV)

²⁸Ni-60

MAT 2831

Kerma total (eV-barns)
Cross Section

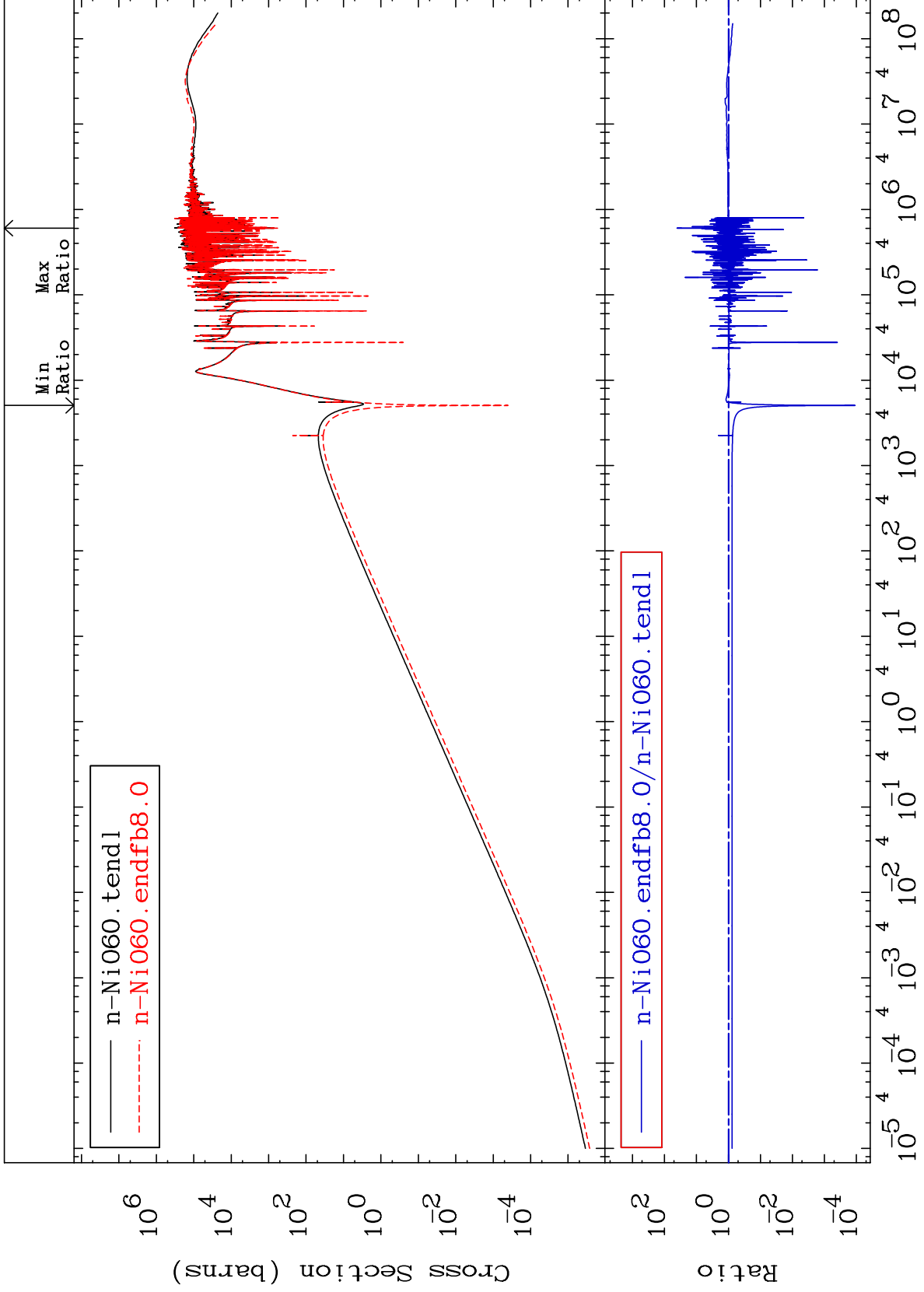
28-Ni-60
-99.68 To 9999. %



MAT 2831

Kerma elastic
Cross Section

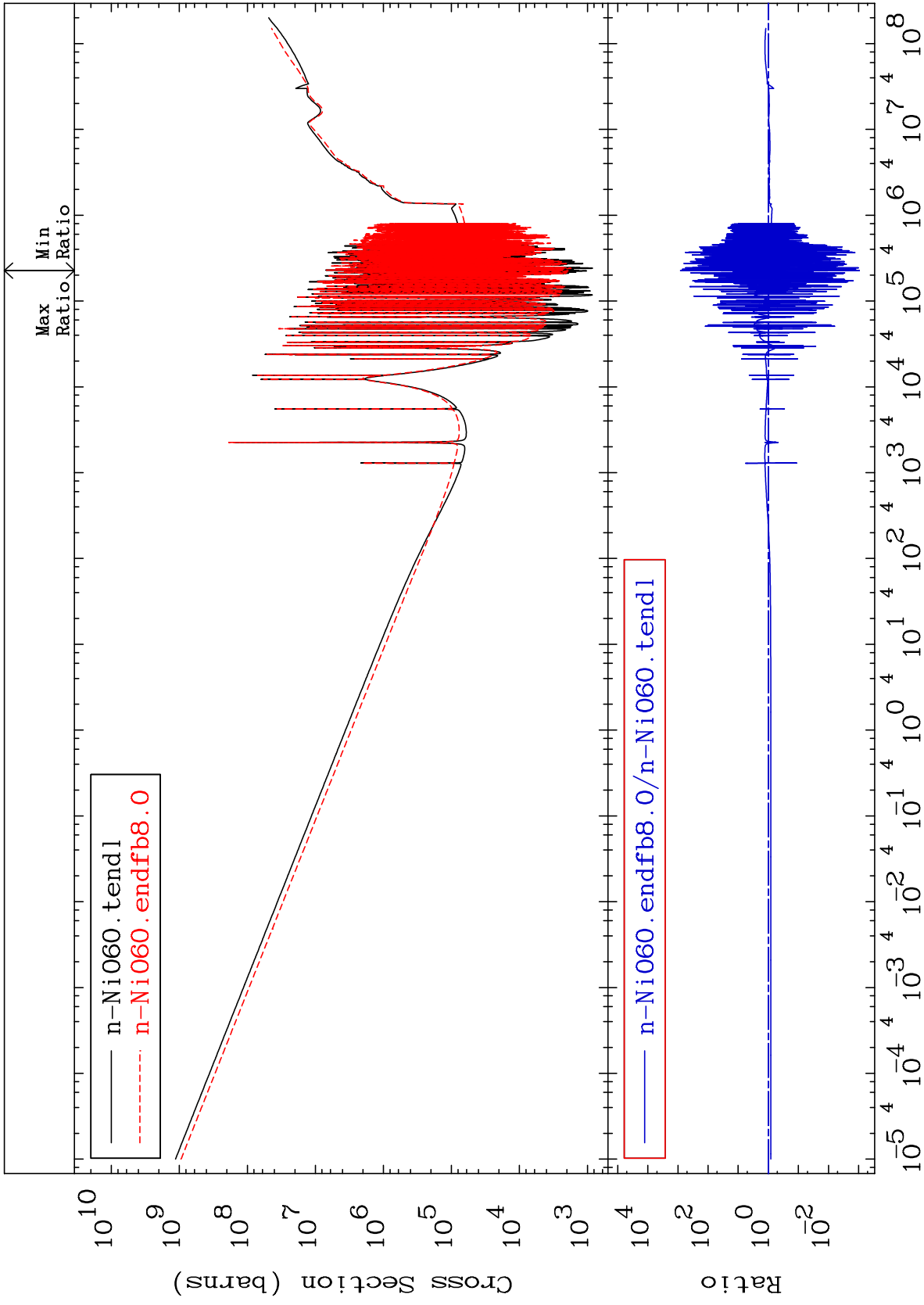
28-Ni-60
-99.99 To 3973. %

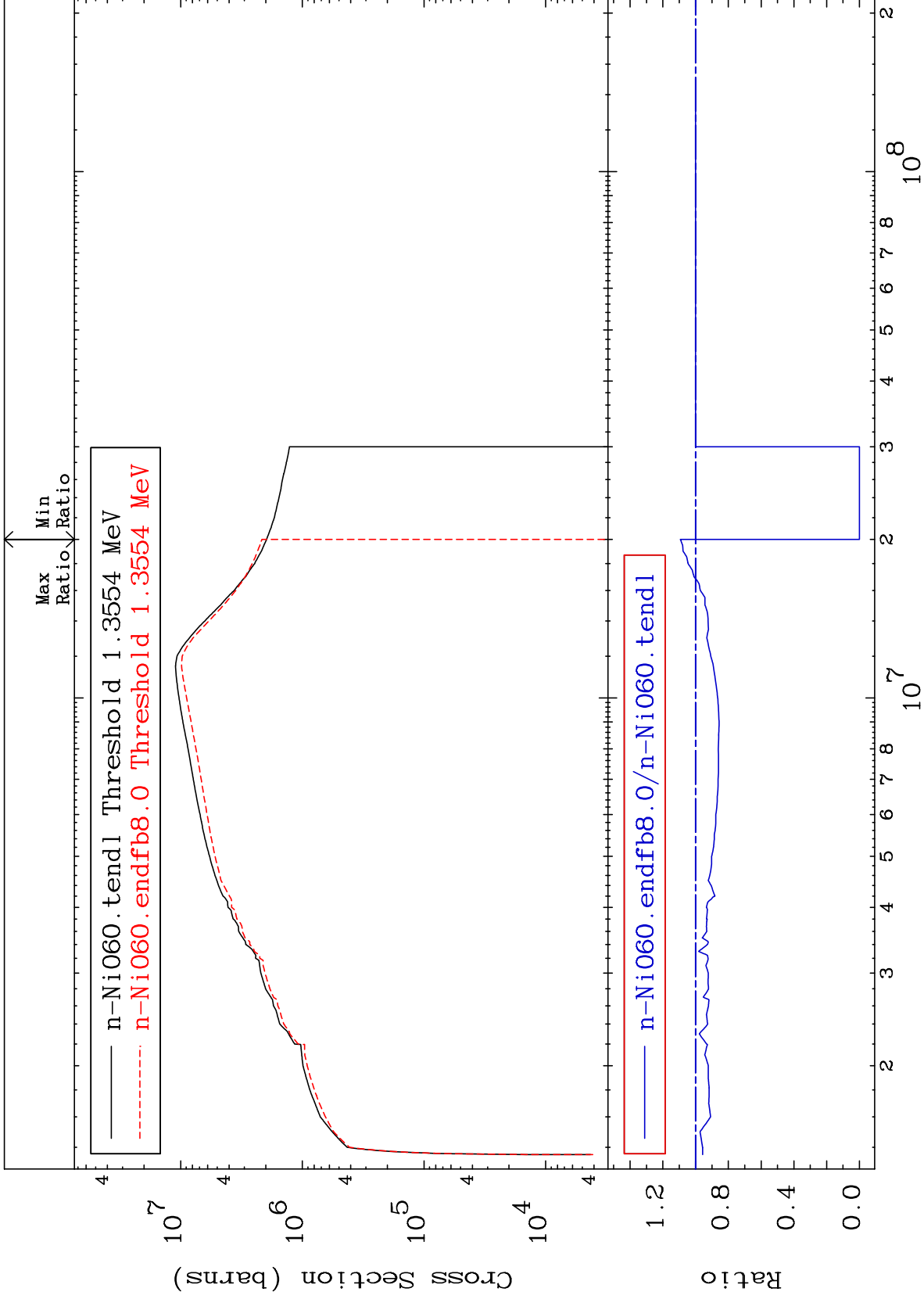


50

Incident Energy (eV)

28-Ni-60

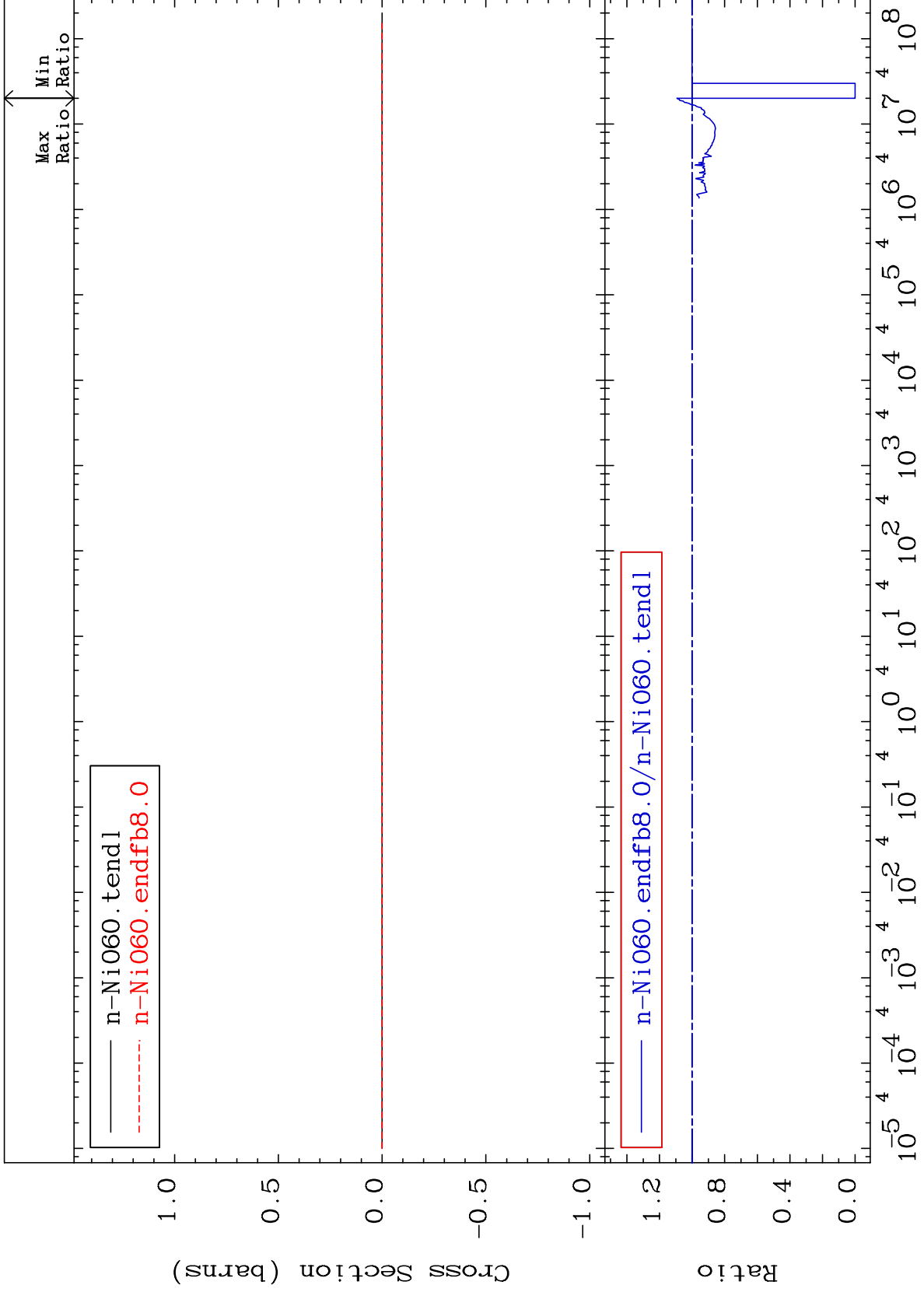


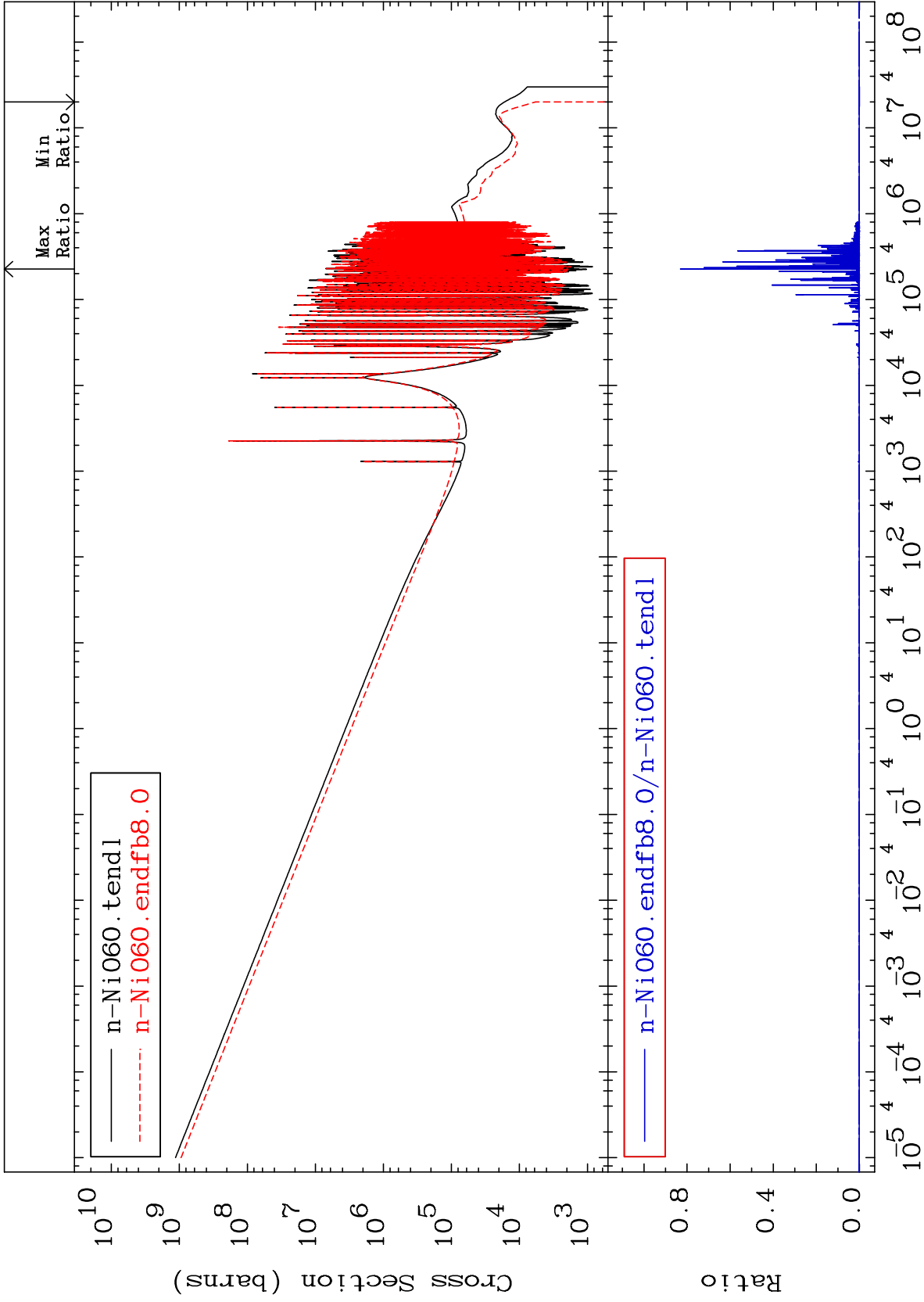


MAT 2831

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

28-Ni-60
-100.0 To 9.295 %

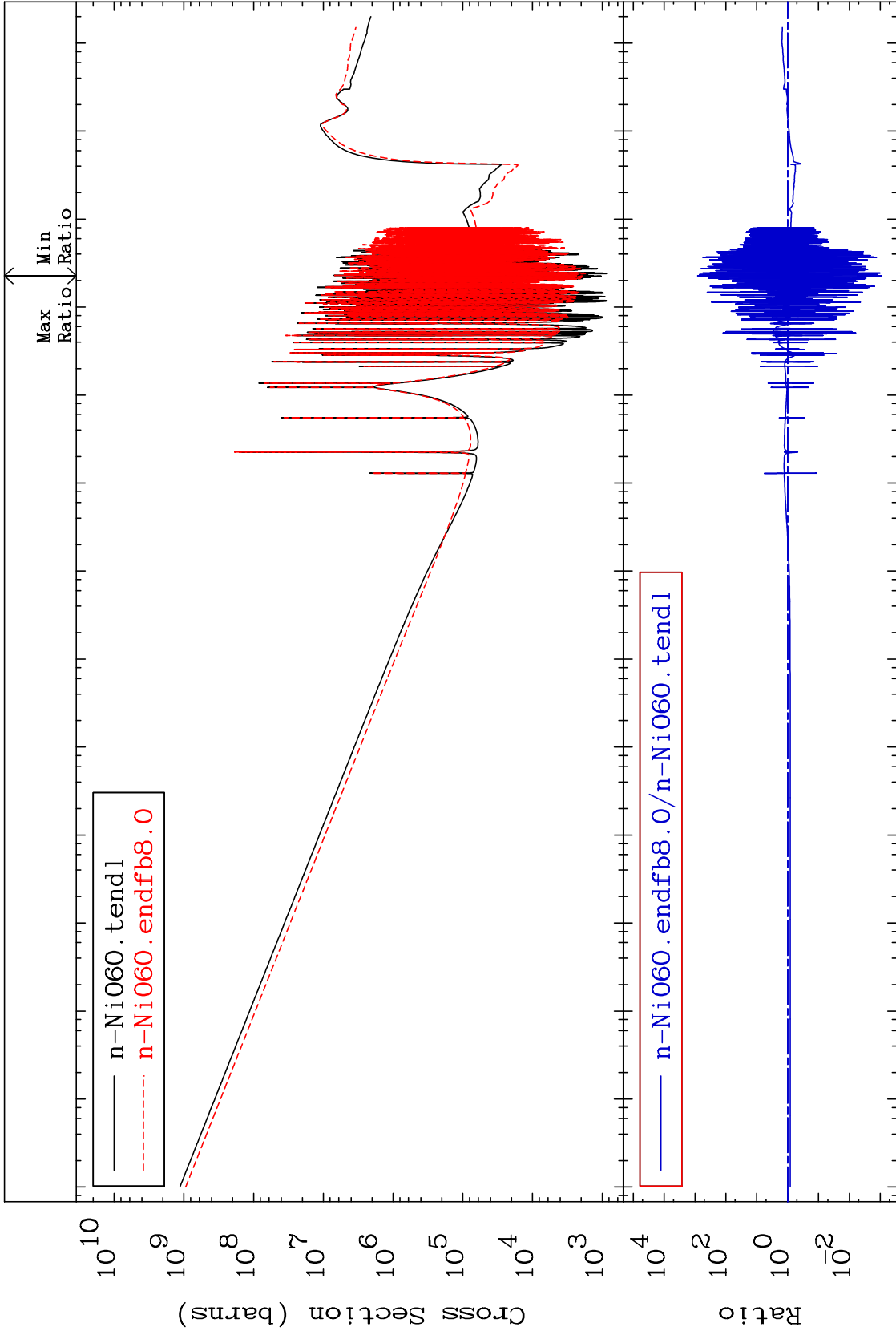




MAT 2831

Total photon (eV-barns)
Cross Section

28-Ni-60
-99.91 To 9999. %



55

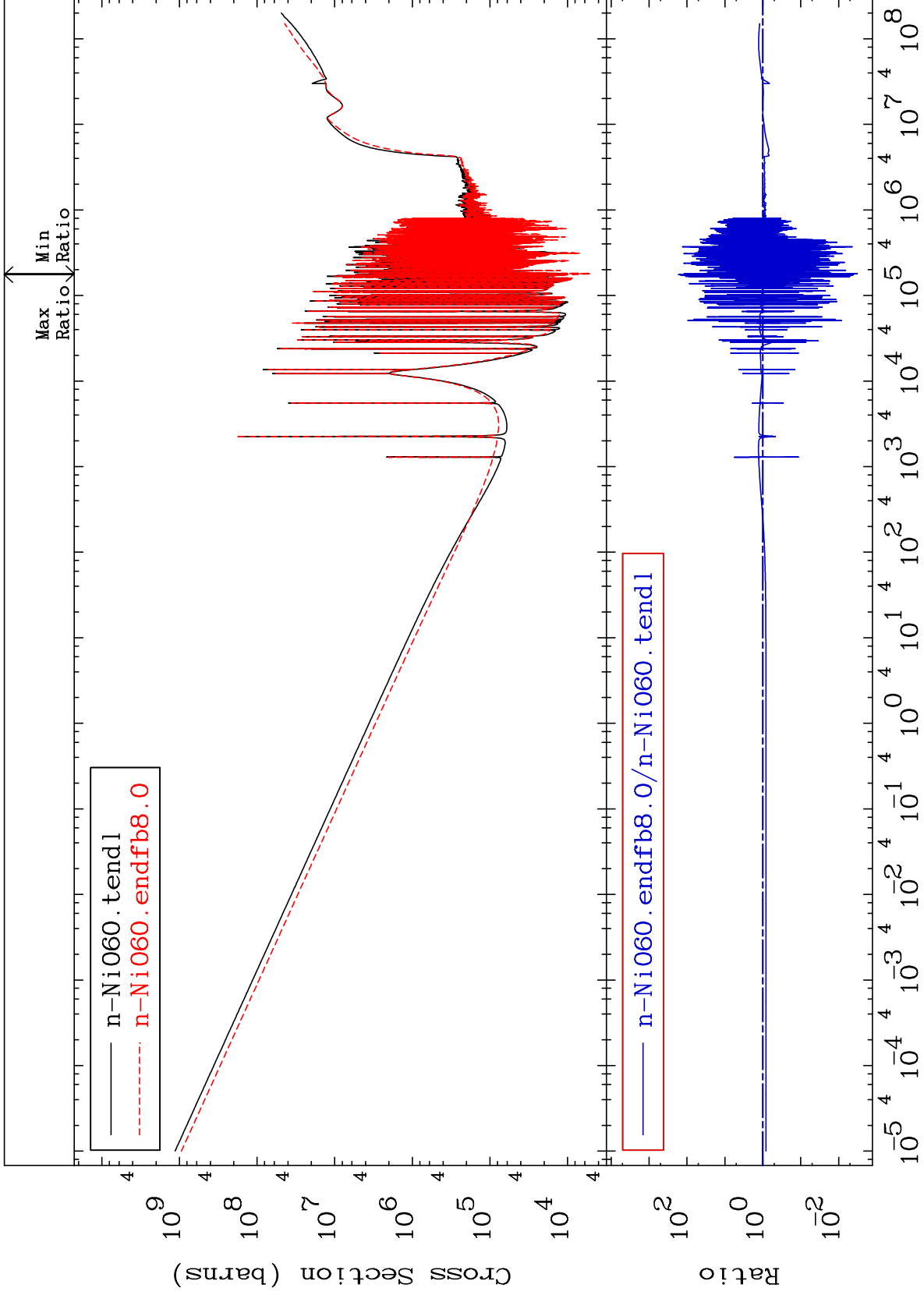
Incident Energy (eV)

28-Ni-60

MAT 2831

Total kinematic kerma (high limit)
Cross Section

28-Ni-60
-99.68 To 9999. %



56

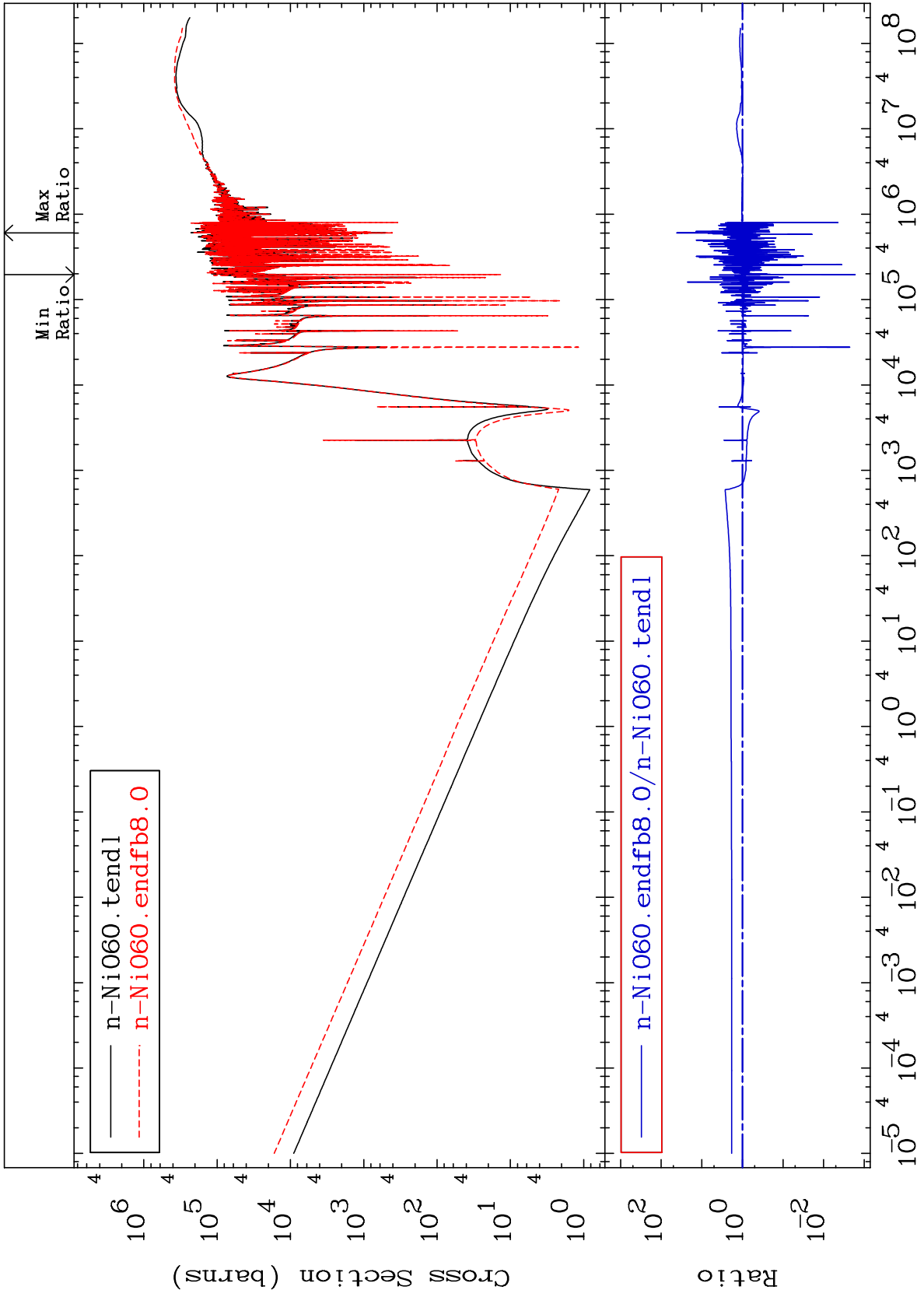
Incident Energy (eV)

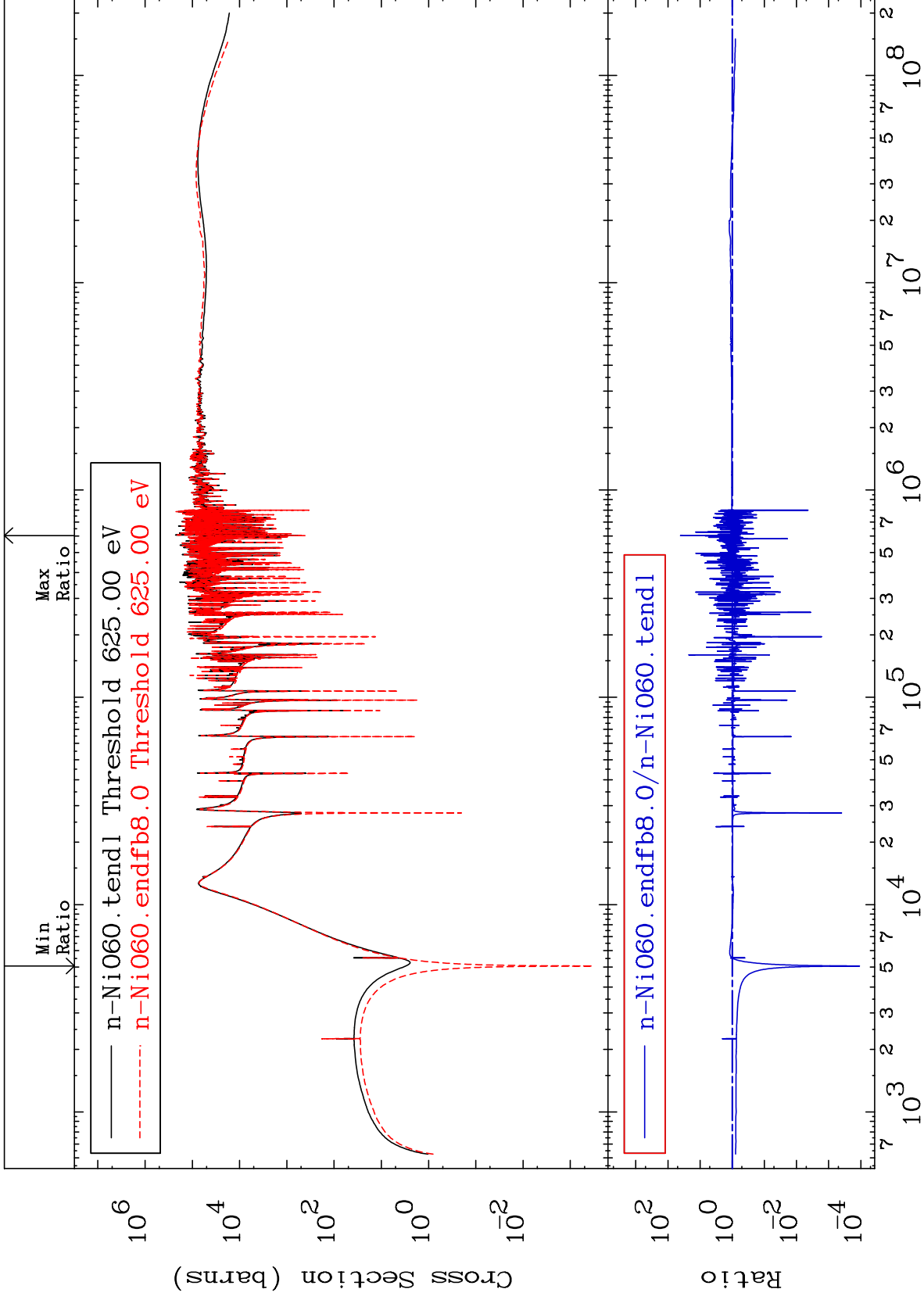
28-Ni-60

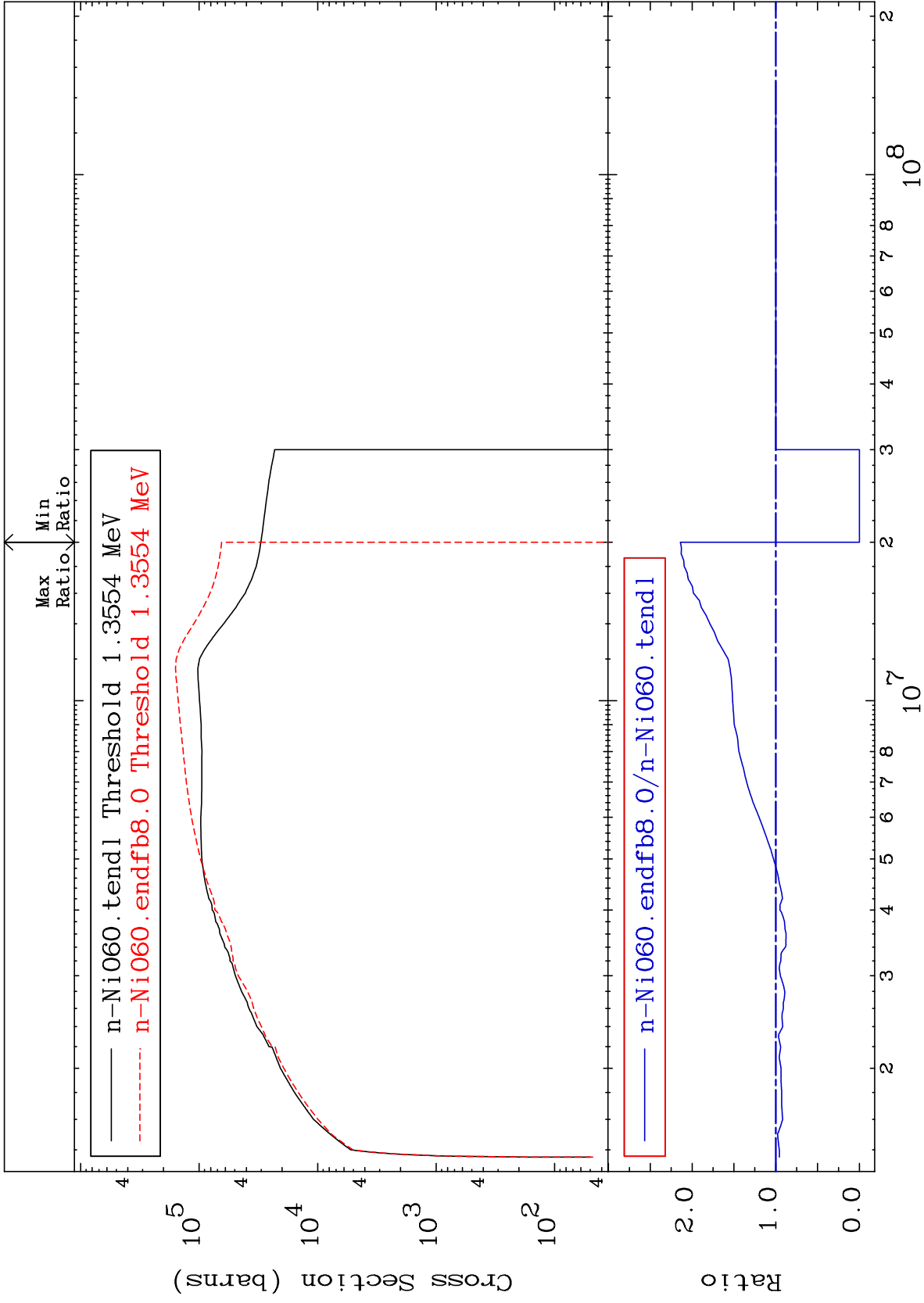
MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-99.83 To 4002. %







MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-100.0 To 9999. %

