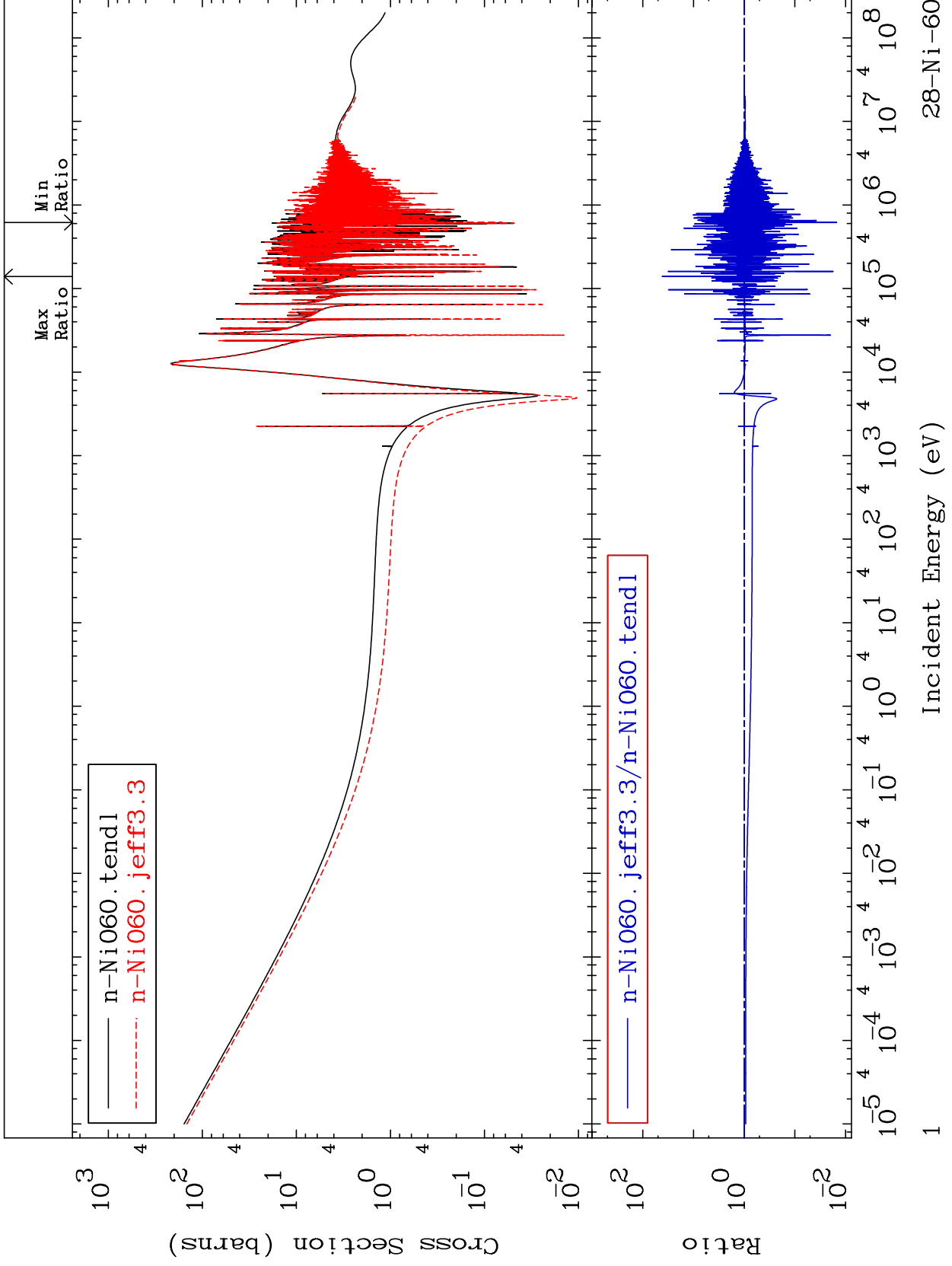


MAT 2831

Total
Cross Section

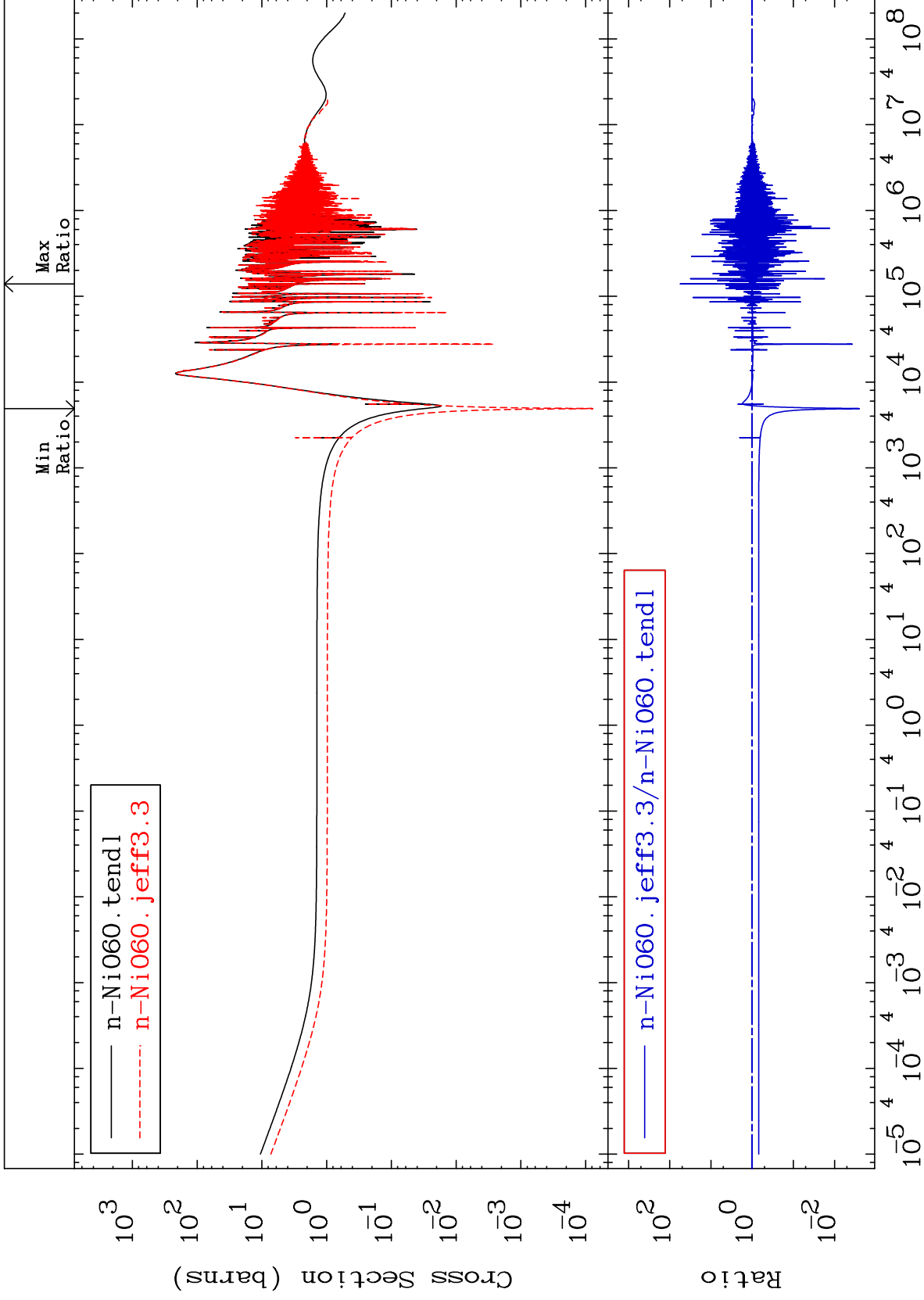
28-Ni-60
-98.50 To 4022. %



MAT 2831

Elastic
Cross Section

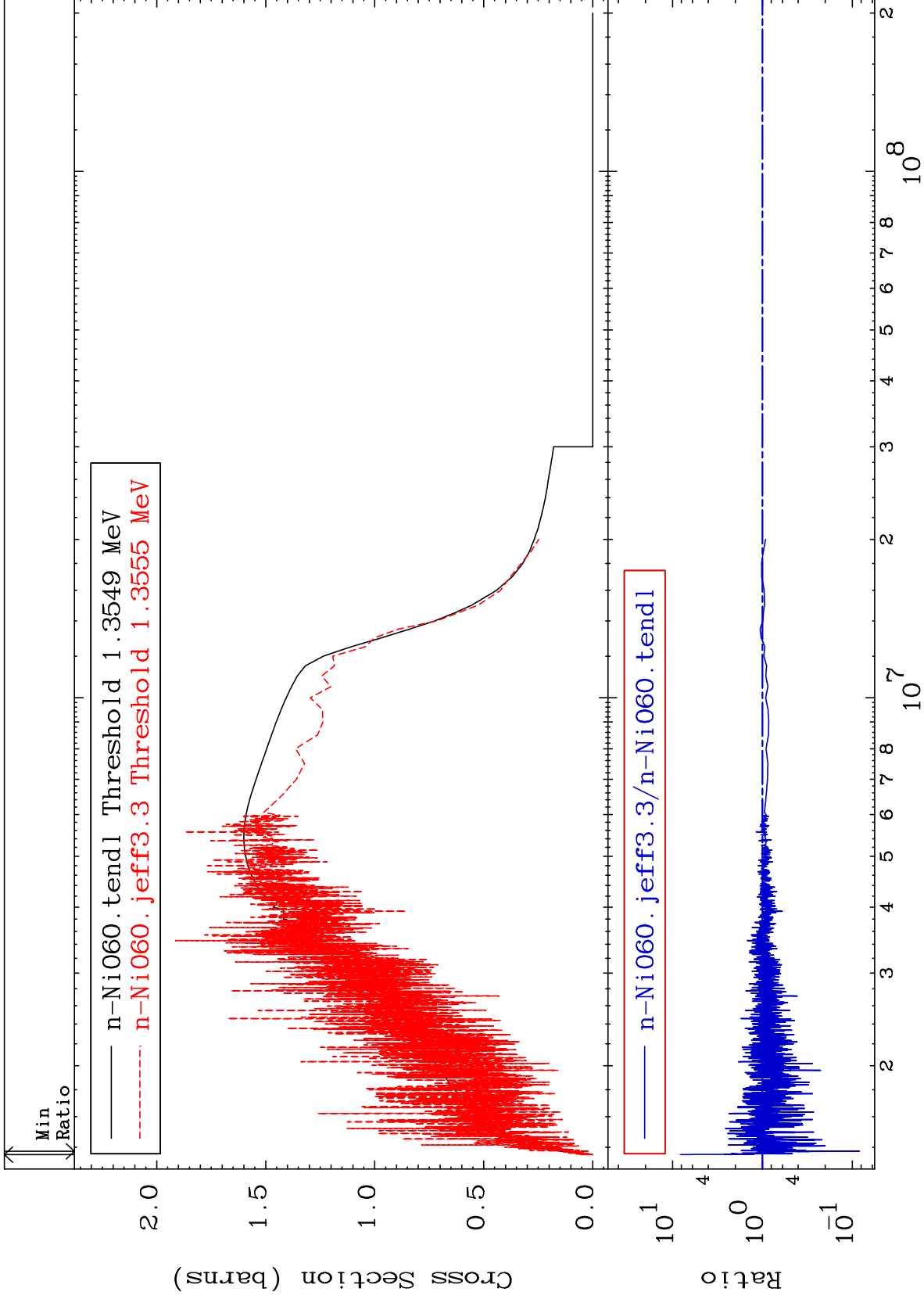
28-Ni-60
-99.75 To 5417. %



MAT 2831

Inelastic
Cross Section

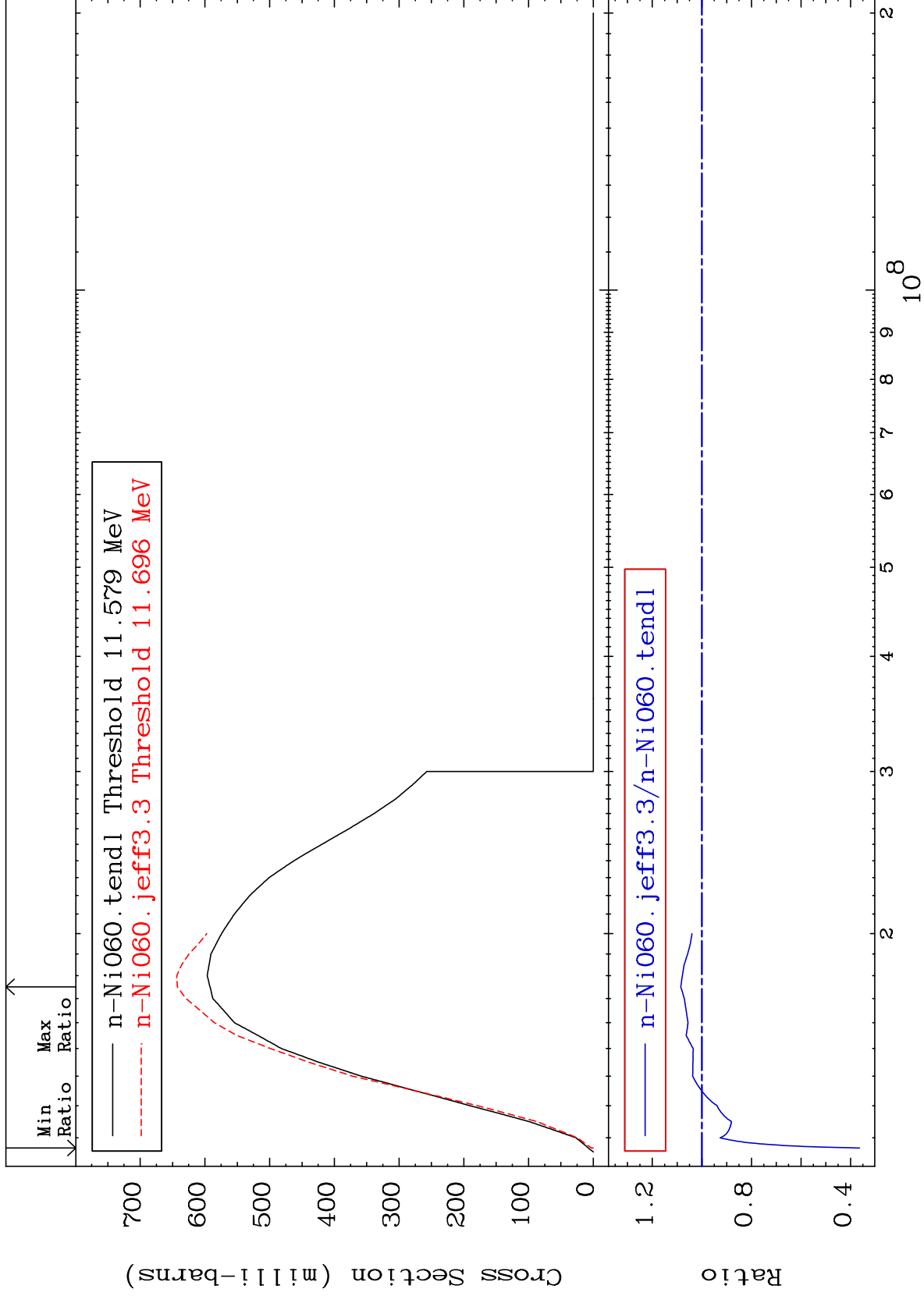
28-Ni-60
-91.67 To 719.1 %



MAT 2831

(n,2n)
Cross Section

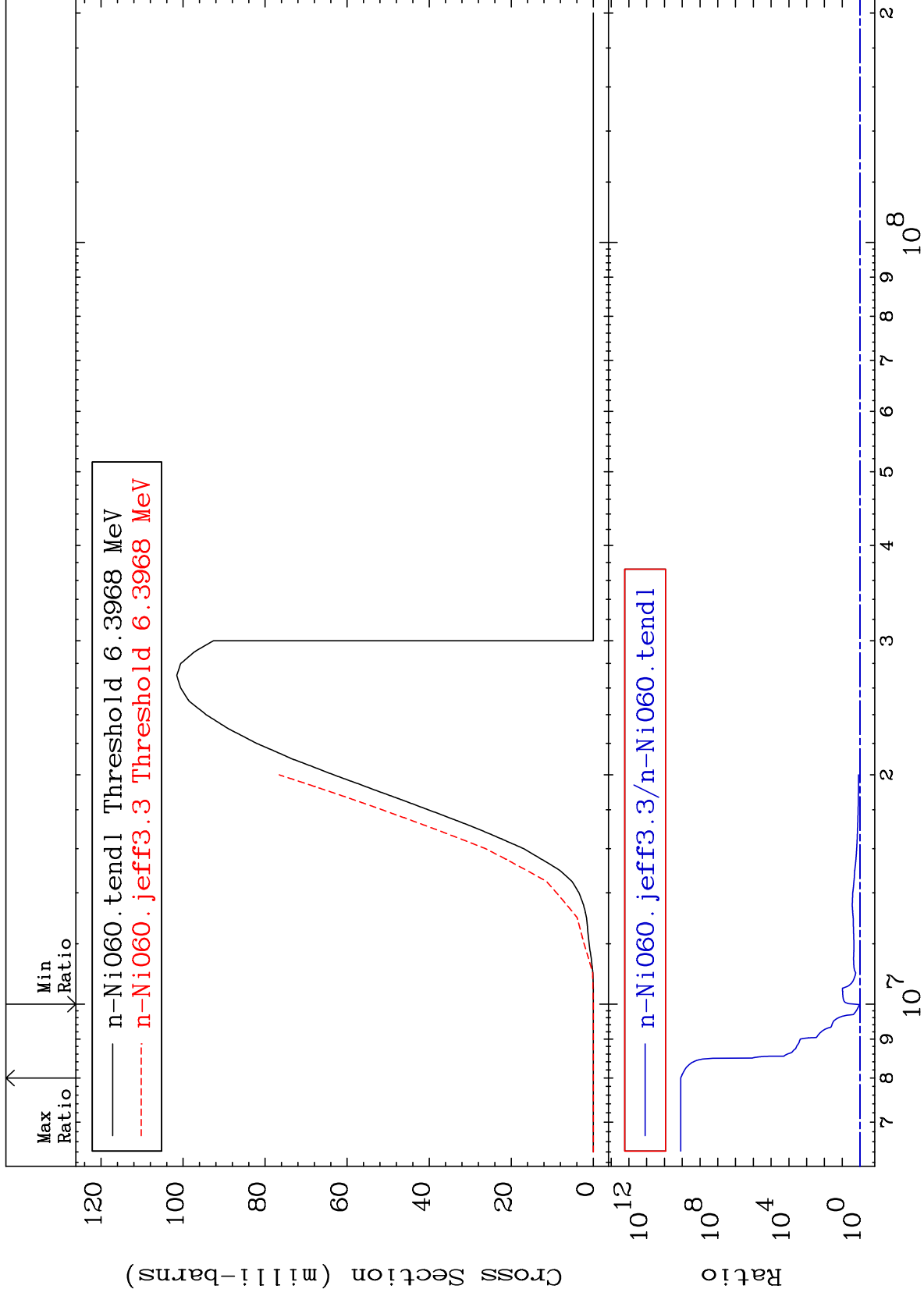
28-Ni-60
-63.62 To 8.515 %



MAT 2831

(n,n') α
Cross Section

28-Ni-60
6.217 To 9999. %



5

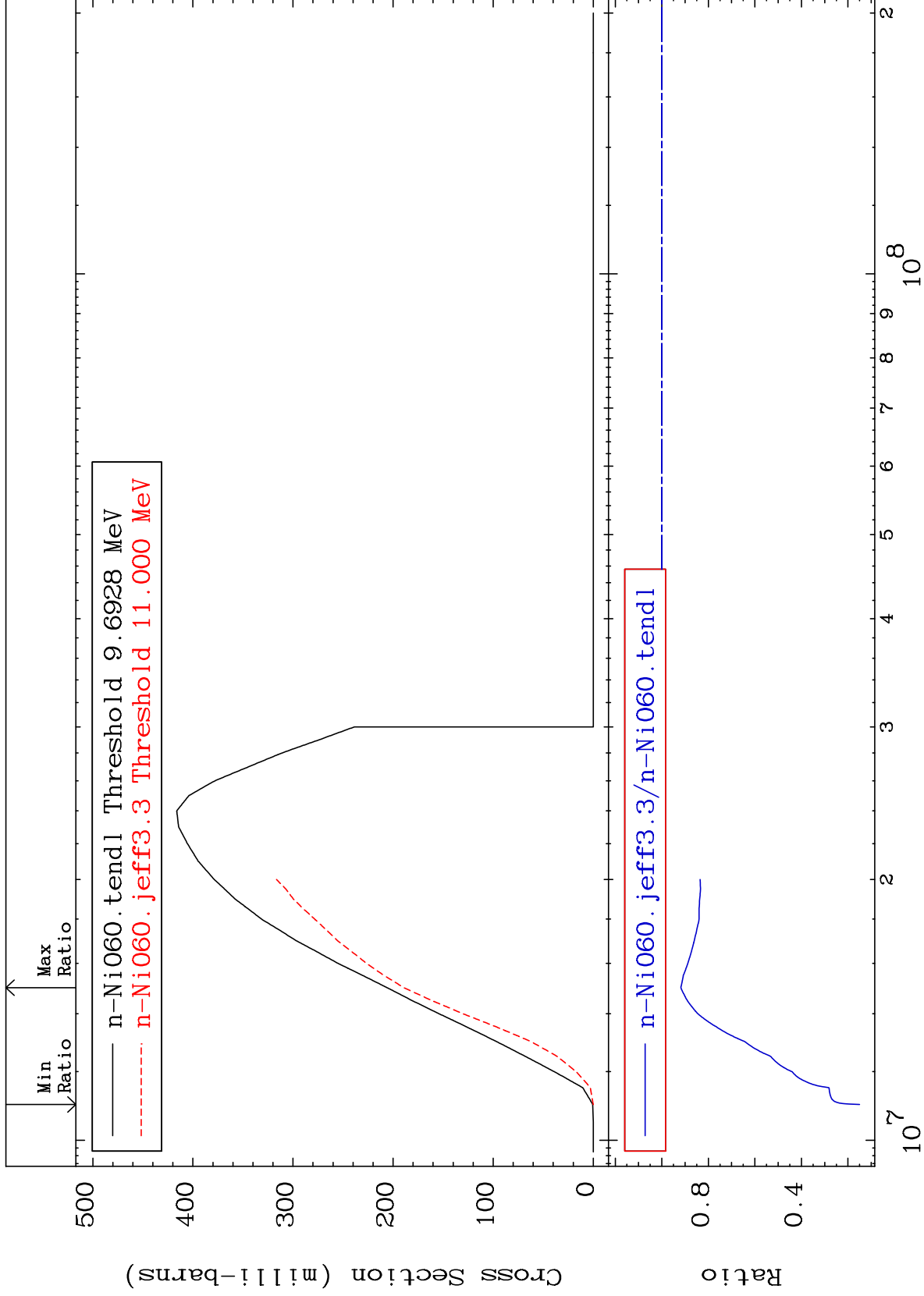
Incident Energy (eV)

28-Ni-60

MAT 2831

(n,n') p
Cross Section

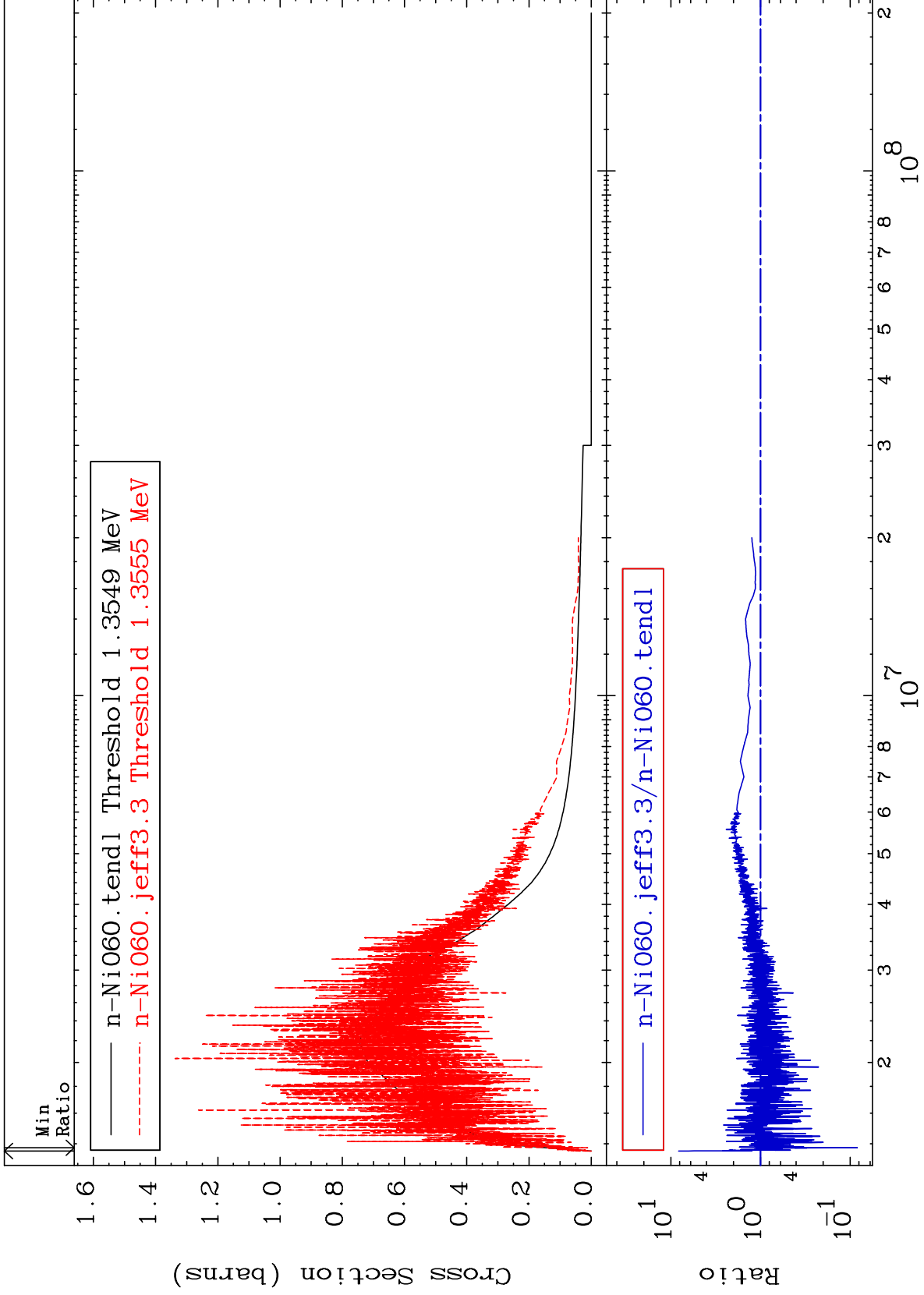
28-Ni-60
-84.97 To -8.148%



MAT 2831

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

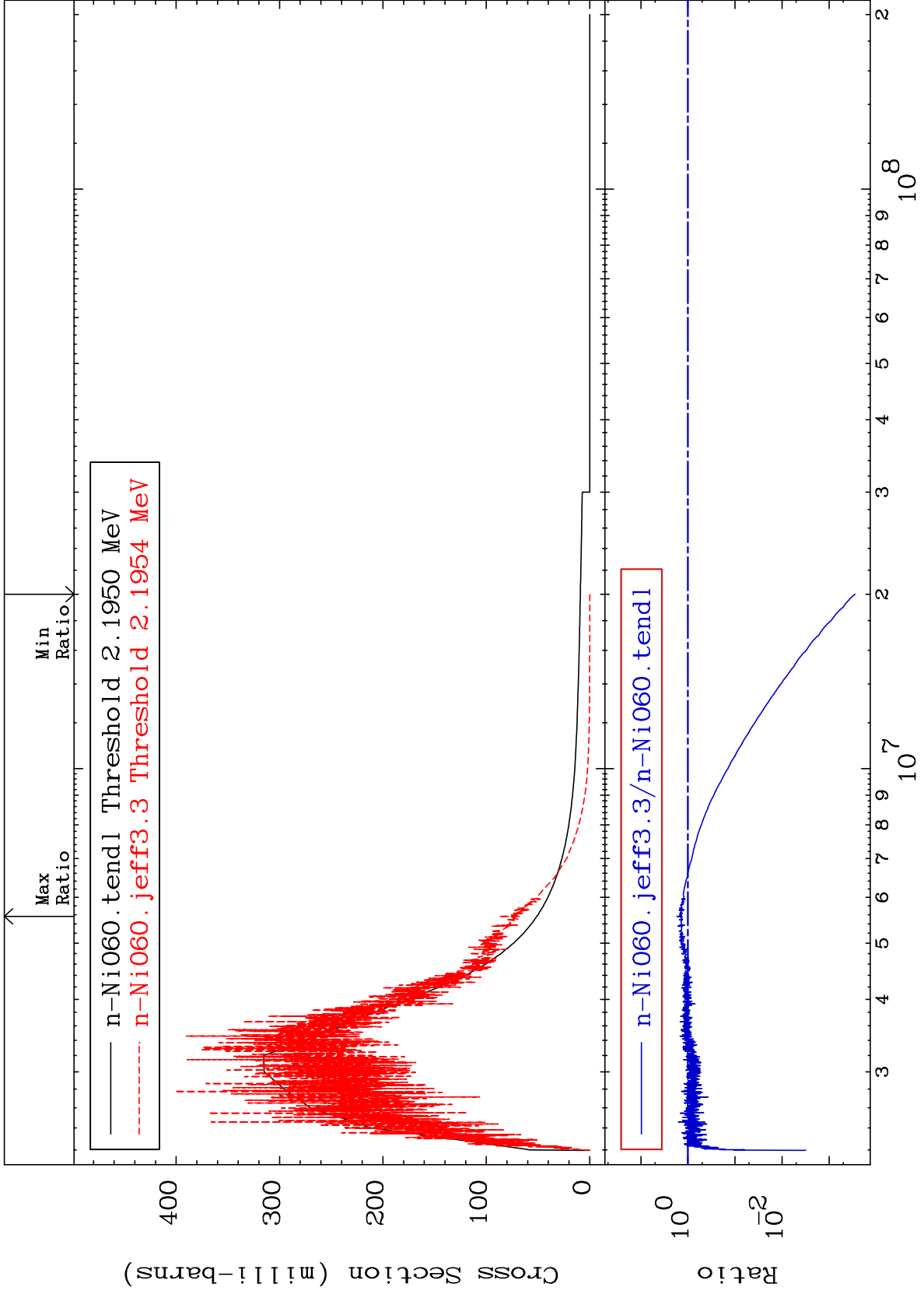
28-Ni-60
-91.67 To 719.1 %



MAT 2831

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

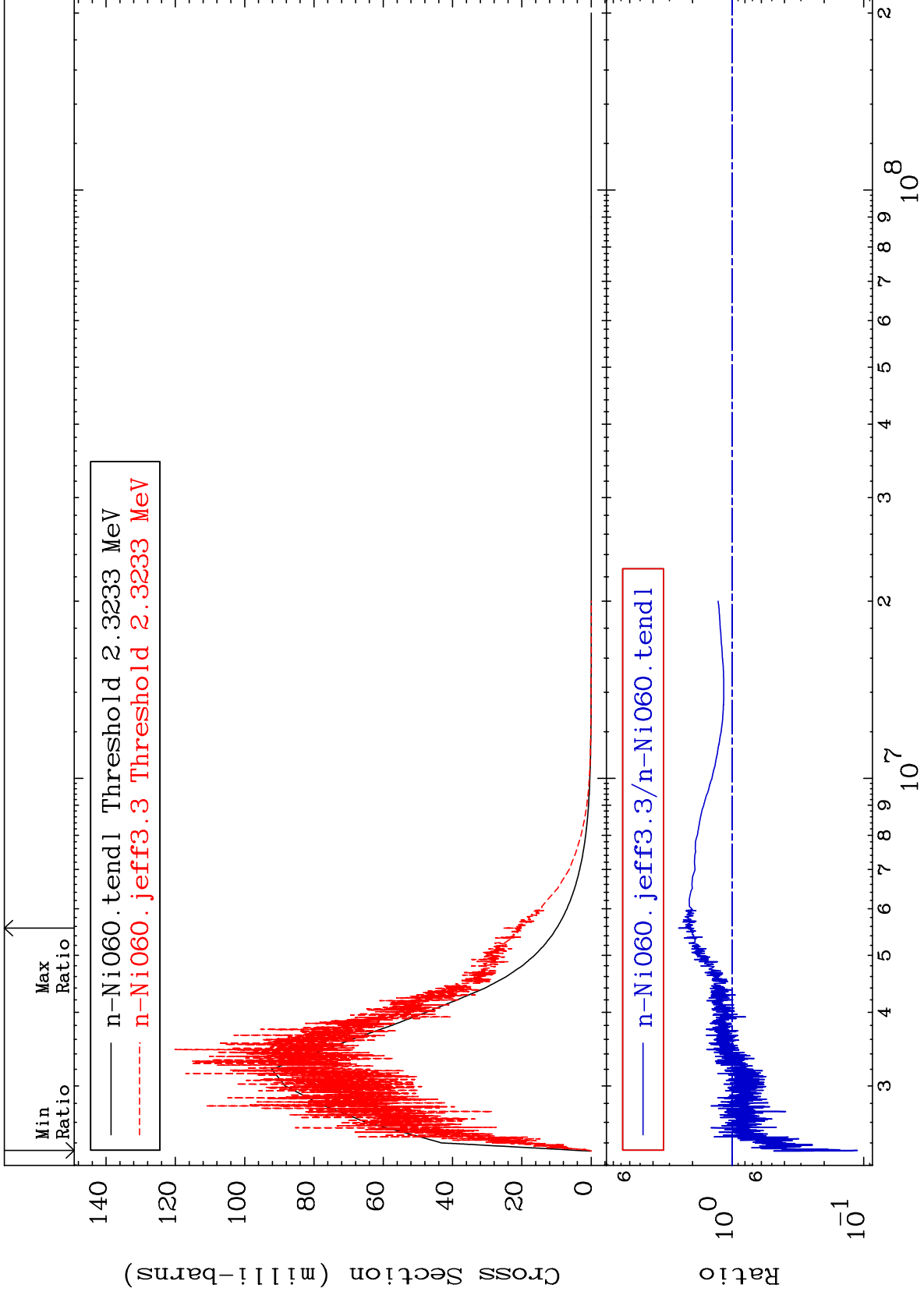
28-Ni-60
-99.97 To 71.71 %



MAT 2831

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

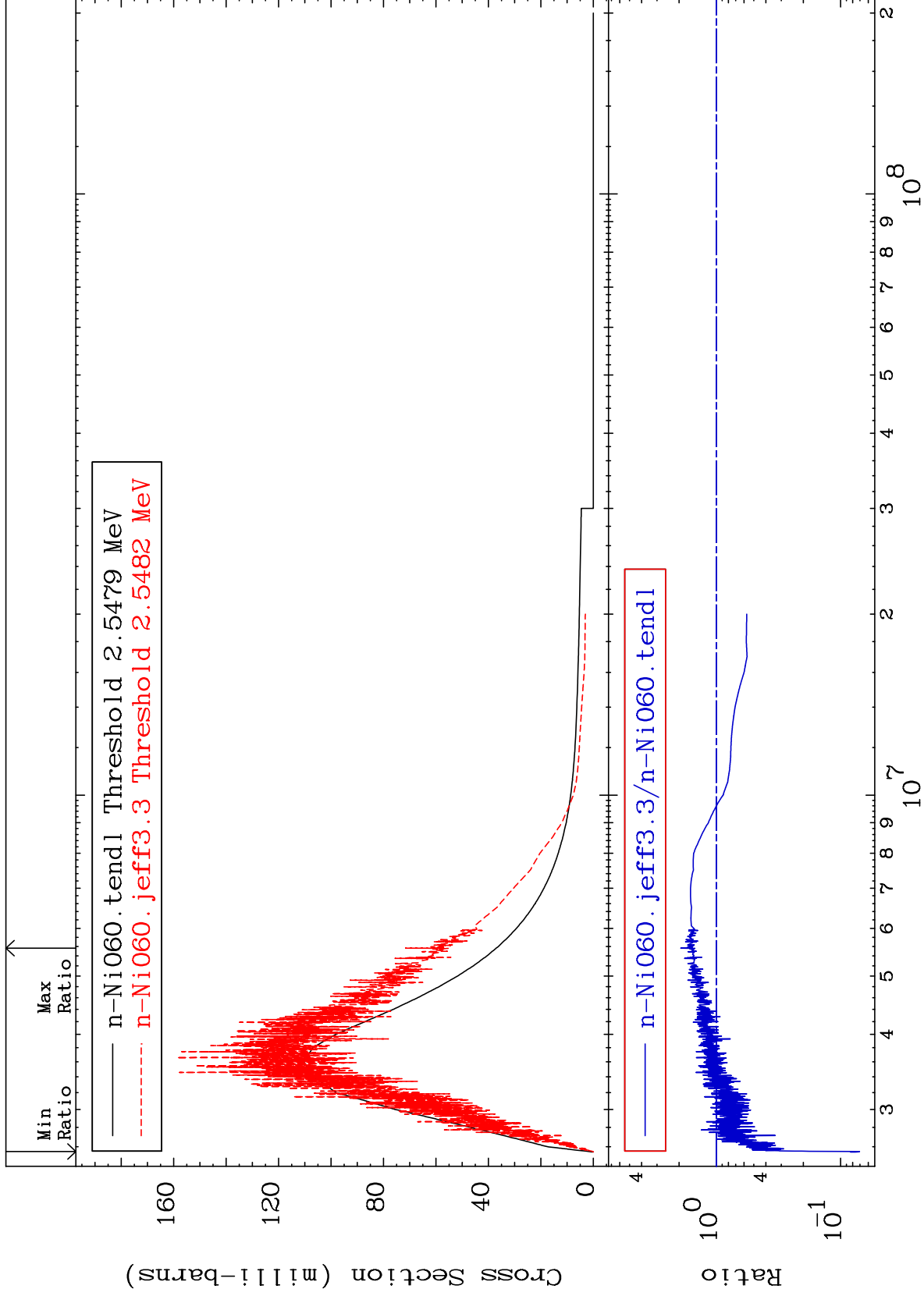
28-Ni-60
-88.81 To 155.0 %



MAT 2831

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

28-Ni-60
-92.95 To 93.44 %



10

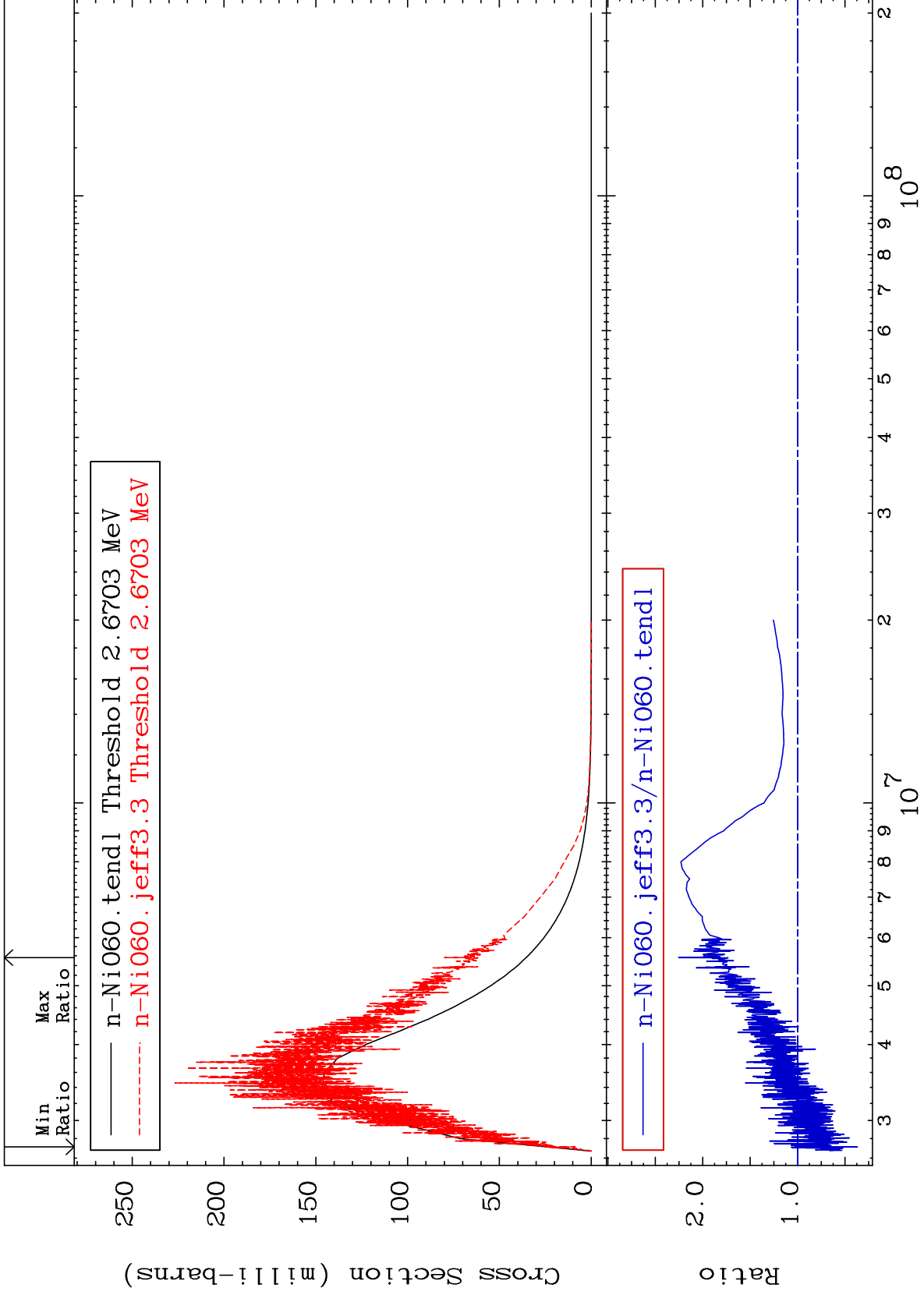
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-62.91 To 125.4 %



11

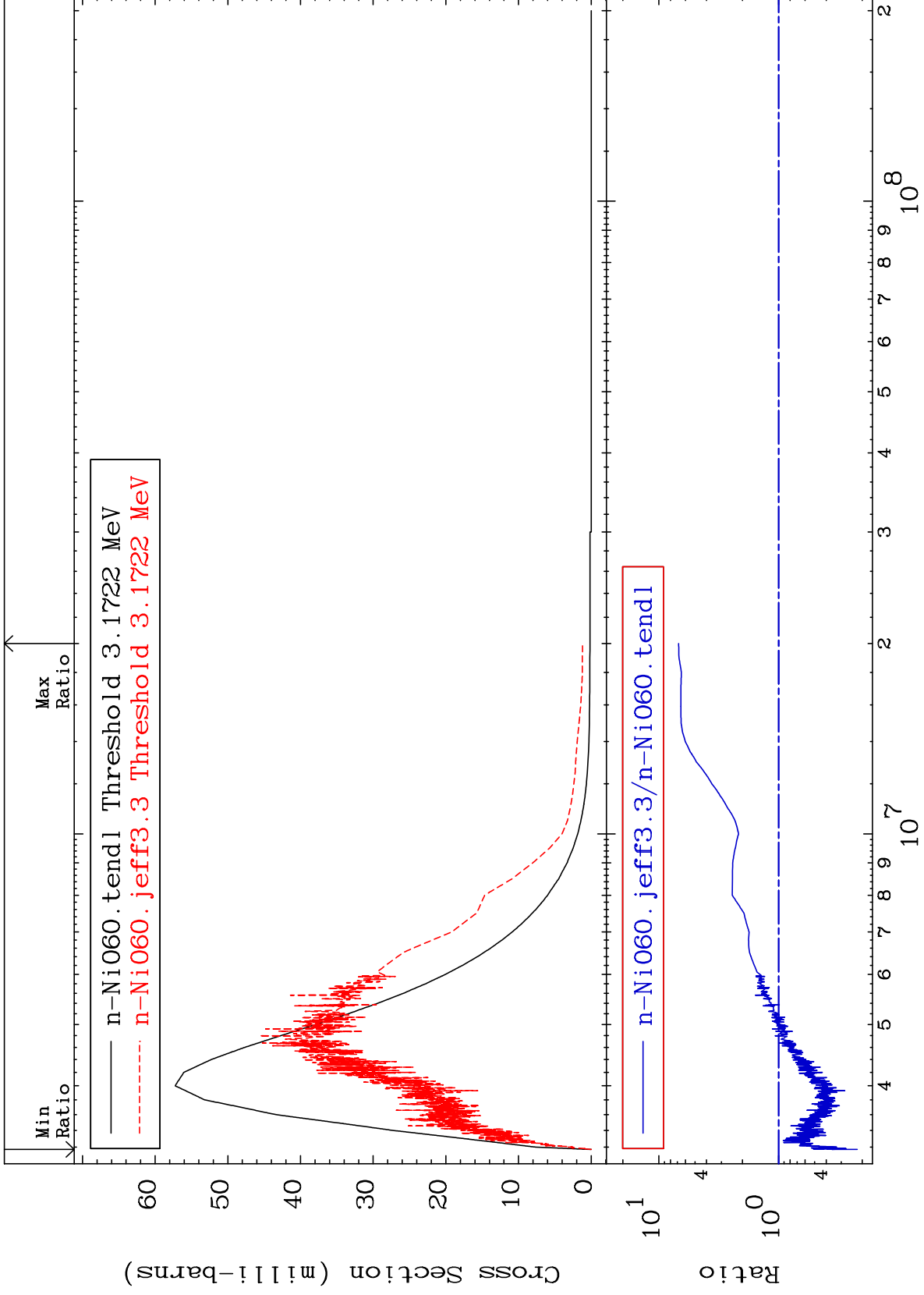
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-78.00 To 584.1 %



12

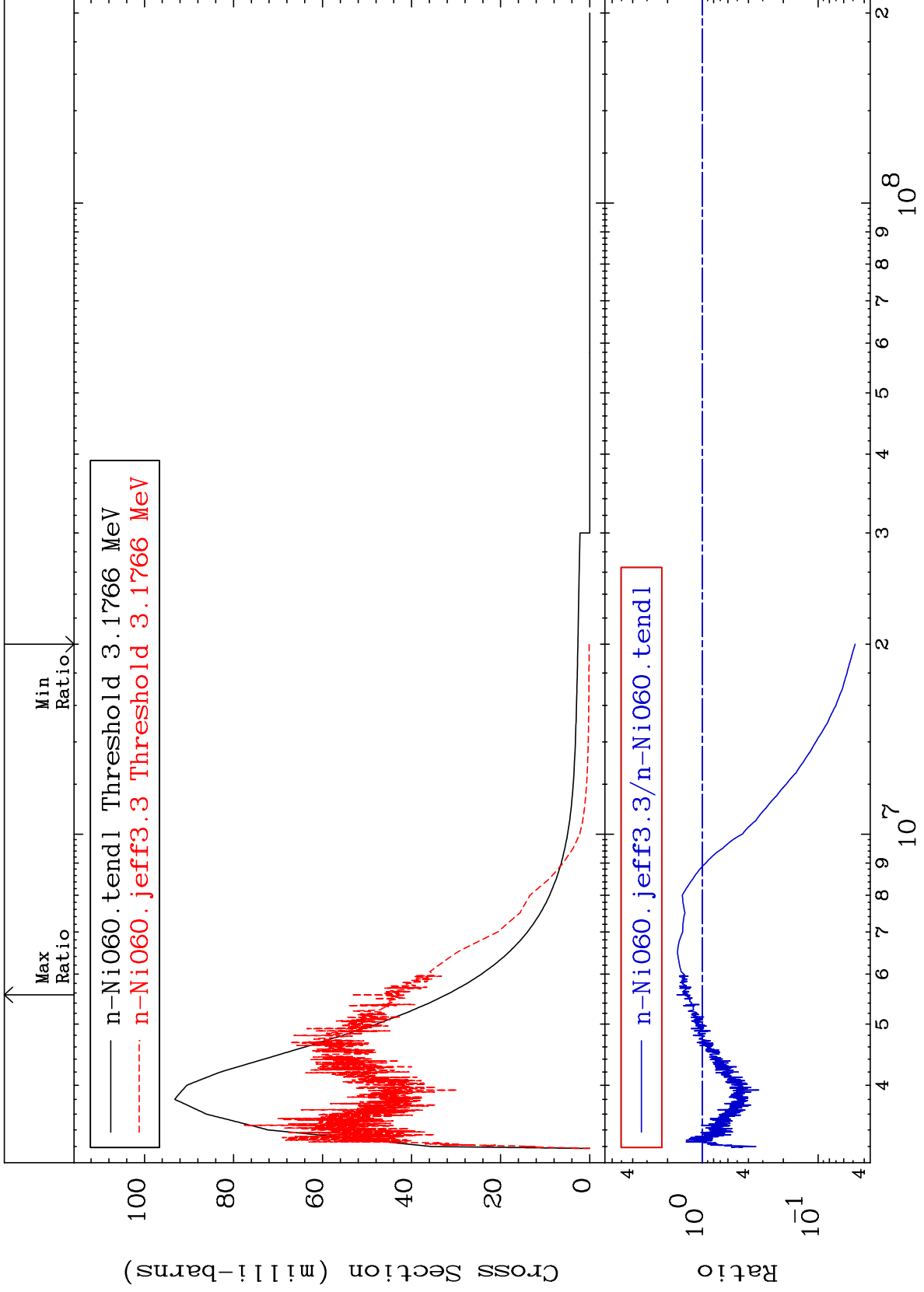
Incident Energy (eV)

28-Ni-60

MAT 2831

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

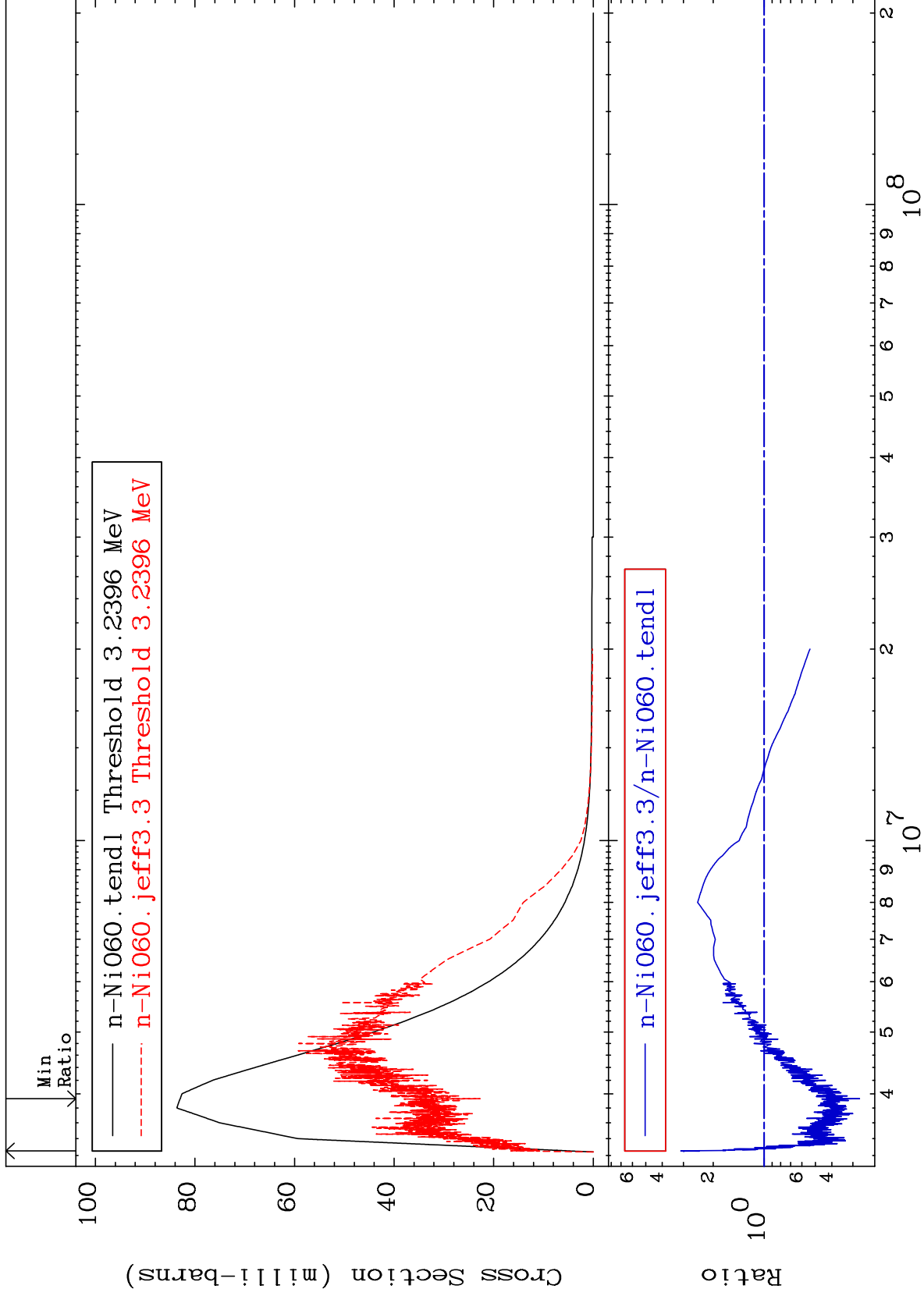
28-Ni-60
-95.21 To 65.70 %



MAT 2831

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

28-Ni-60
-72.57 To 210.9 %



14

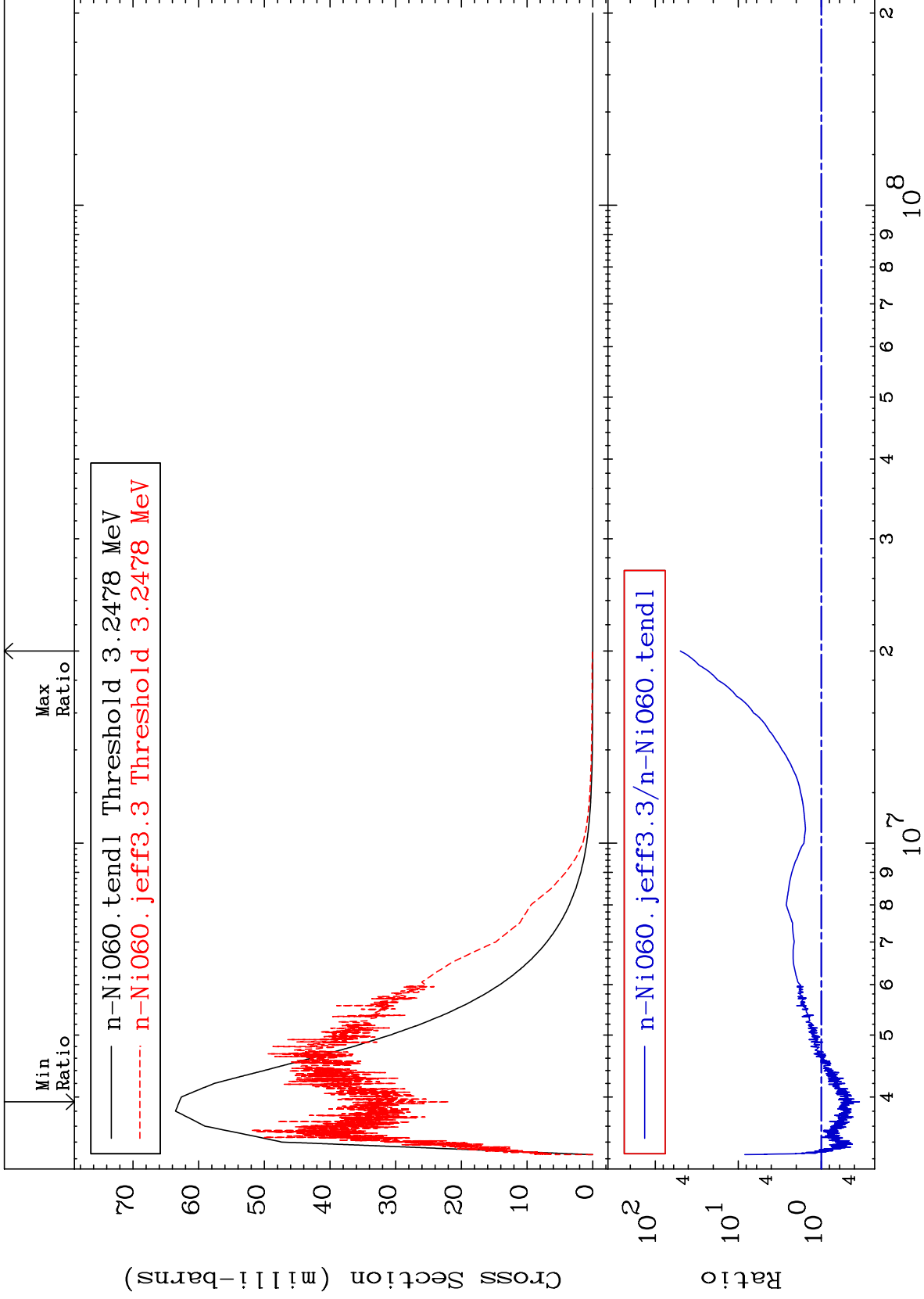
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-65.27 To 4879. %



15

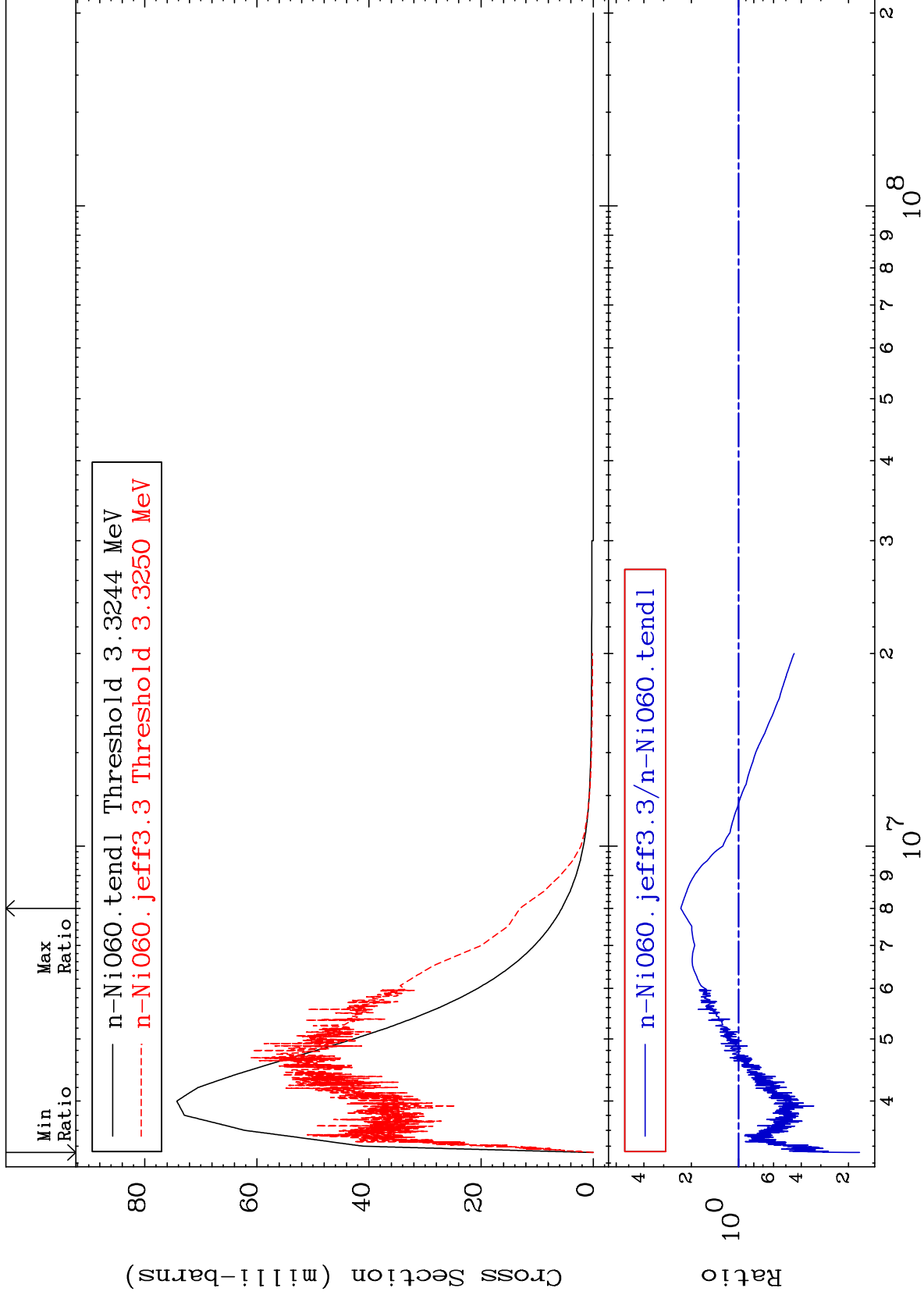
Incident Energy (eV)

28-Ni-60

MAT 2831

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

28-Ni-60
-82.99 To 133.2 %



16

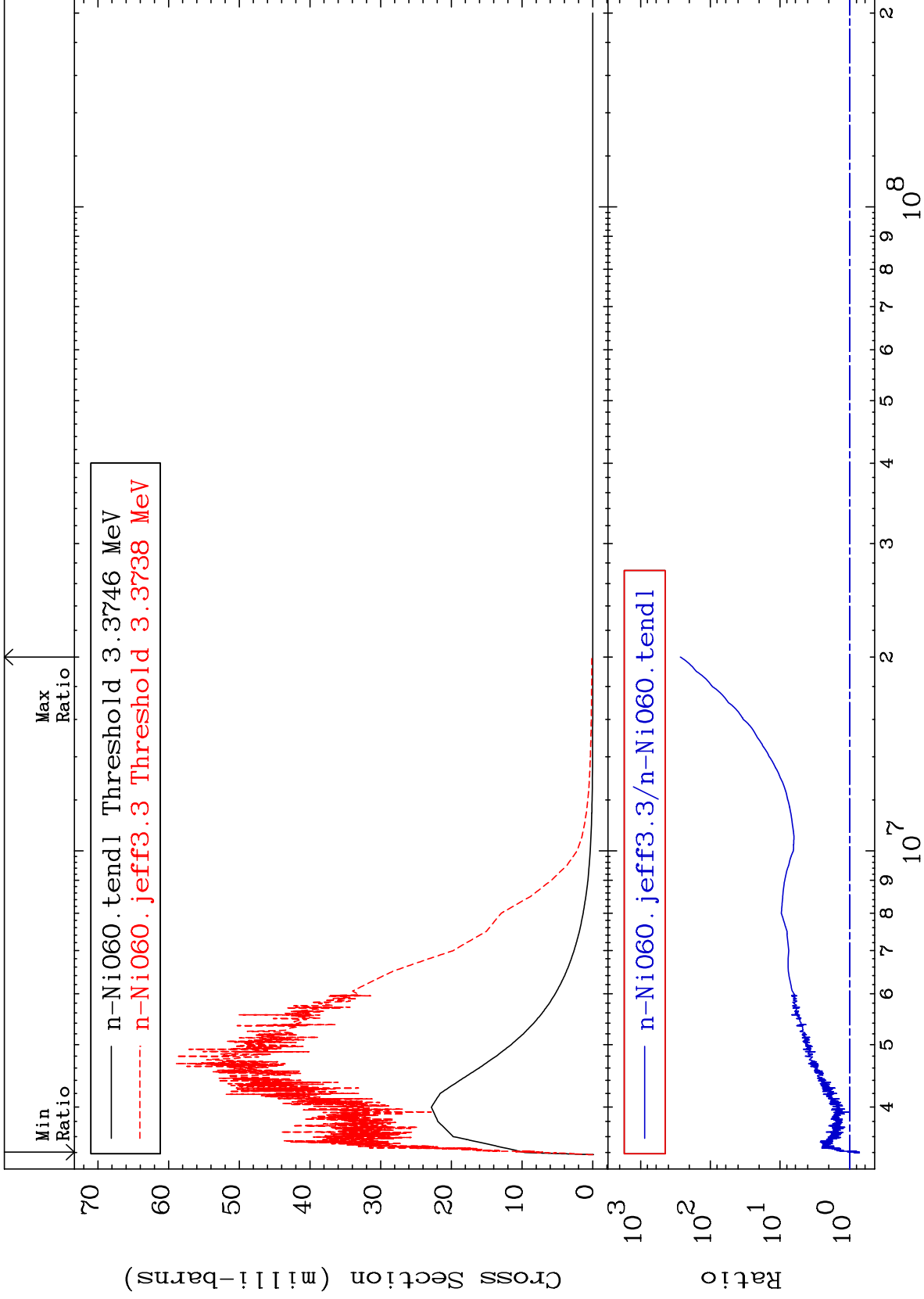
28-Ni-60

28-Ni-60

MAT 2831

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

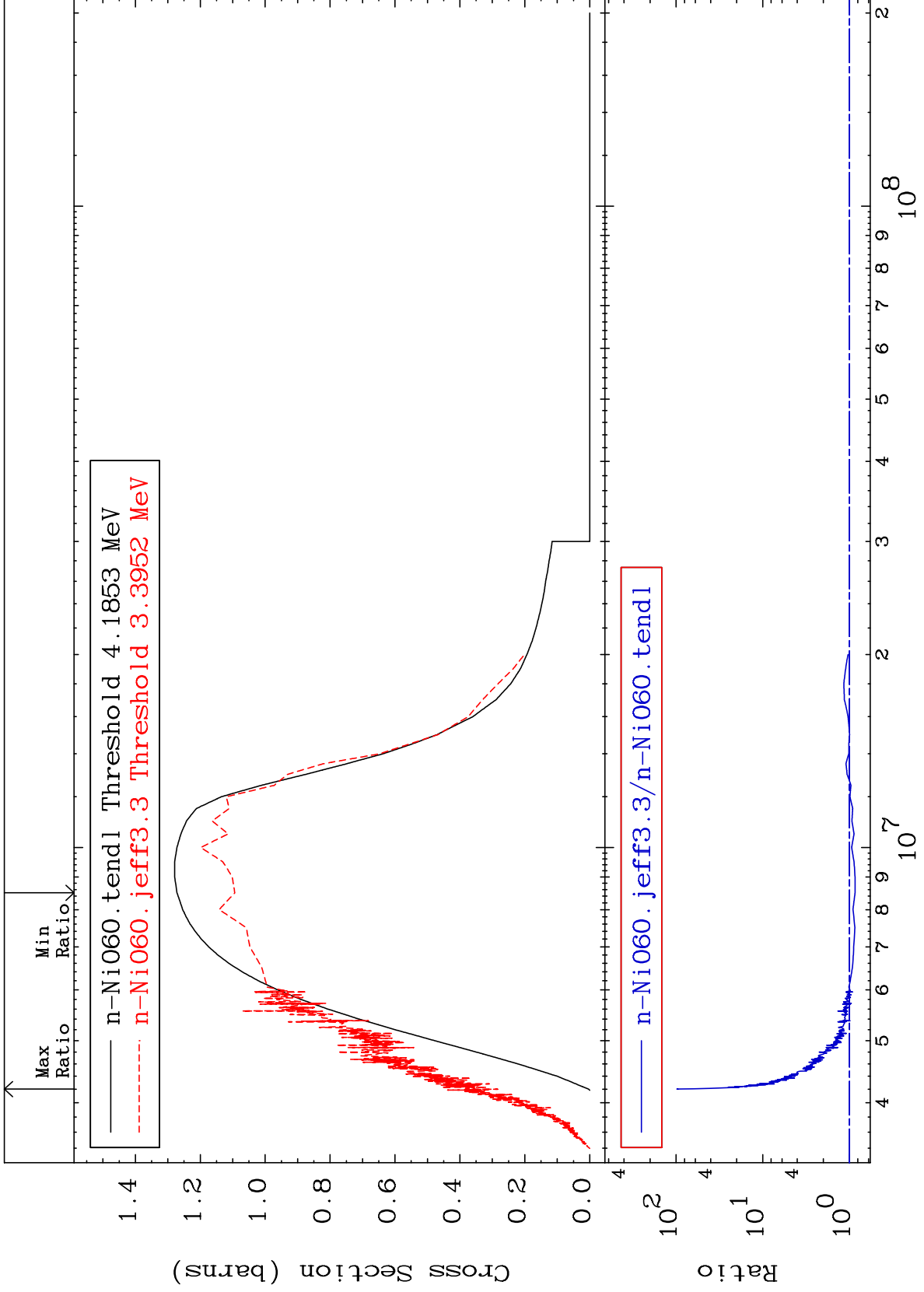
28-Ni-60
-27.52 To 9999. %



MAT 2831

(n,n') Continuum
Cross Section

28-Ni-60
-13.99 To 9688. %



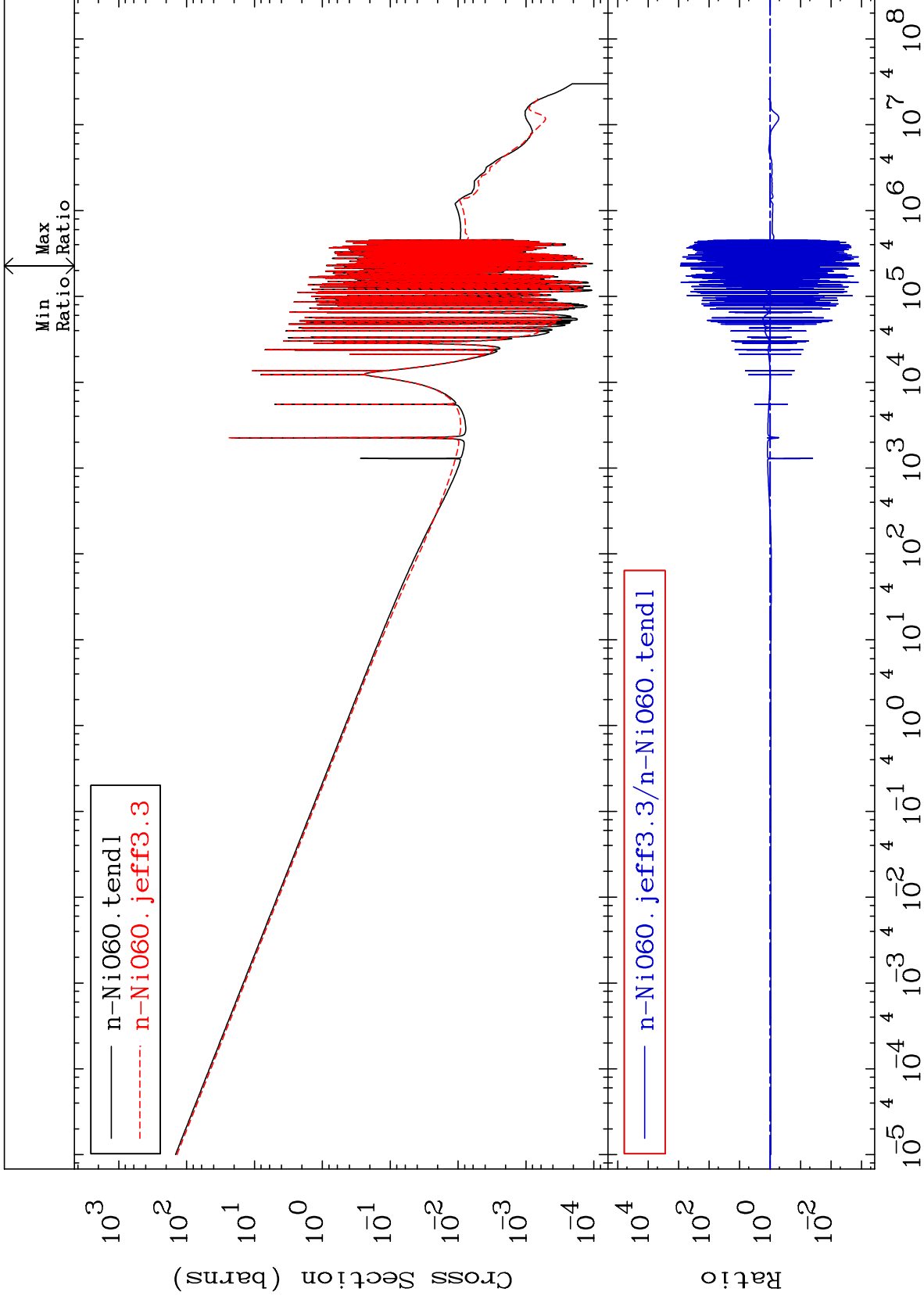
MAT 2831

(n, γ)

²⁸Ni-60

Cross Section

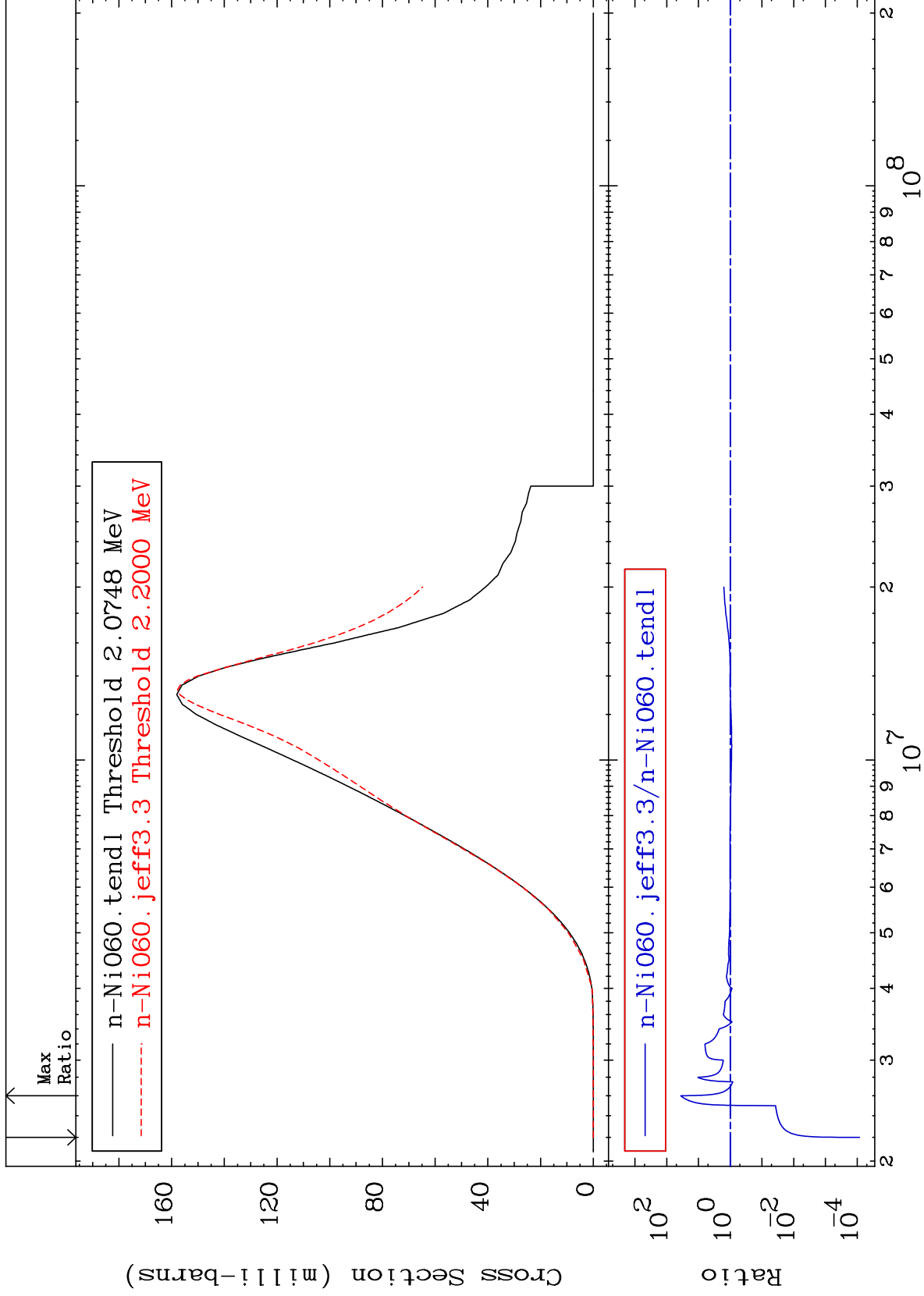
-99.88 To 9999. %



MAT 2831

(n,p)
Cross Section

28-Ni-60
-99.99 To 3503. %



20

28-Ni-60

28-Ni-60

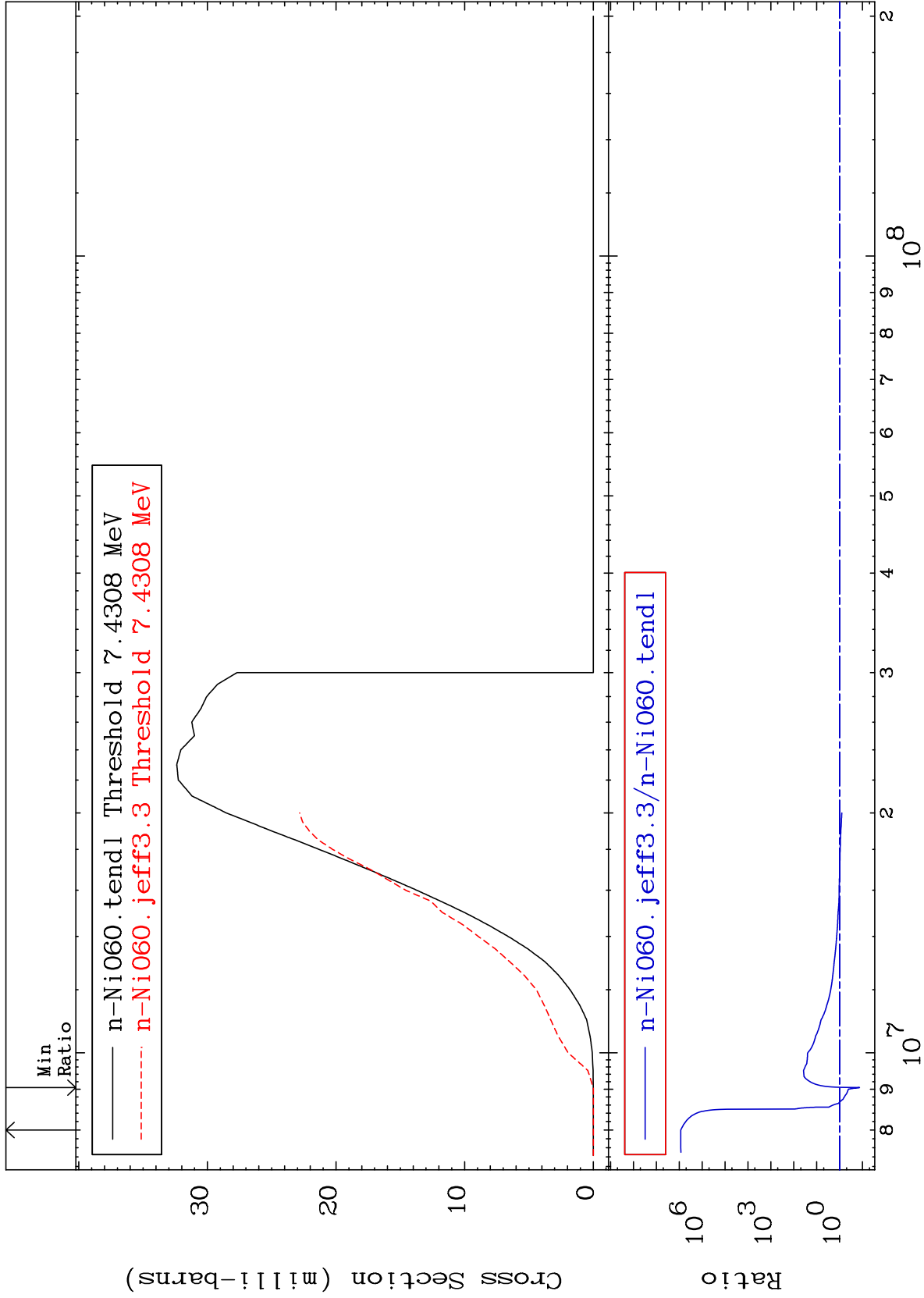
MAT 2831

(n, d)

²⁸Ni-60

Cross Section

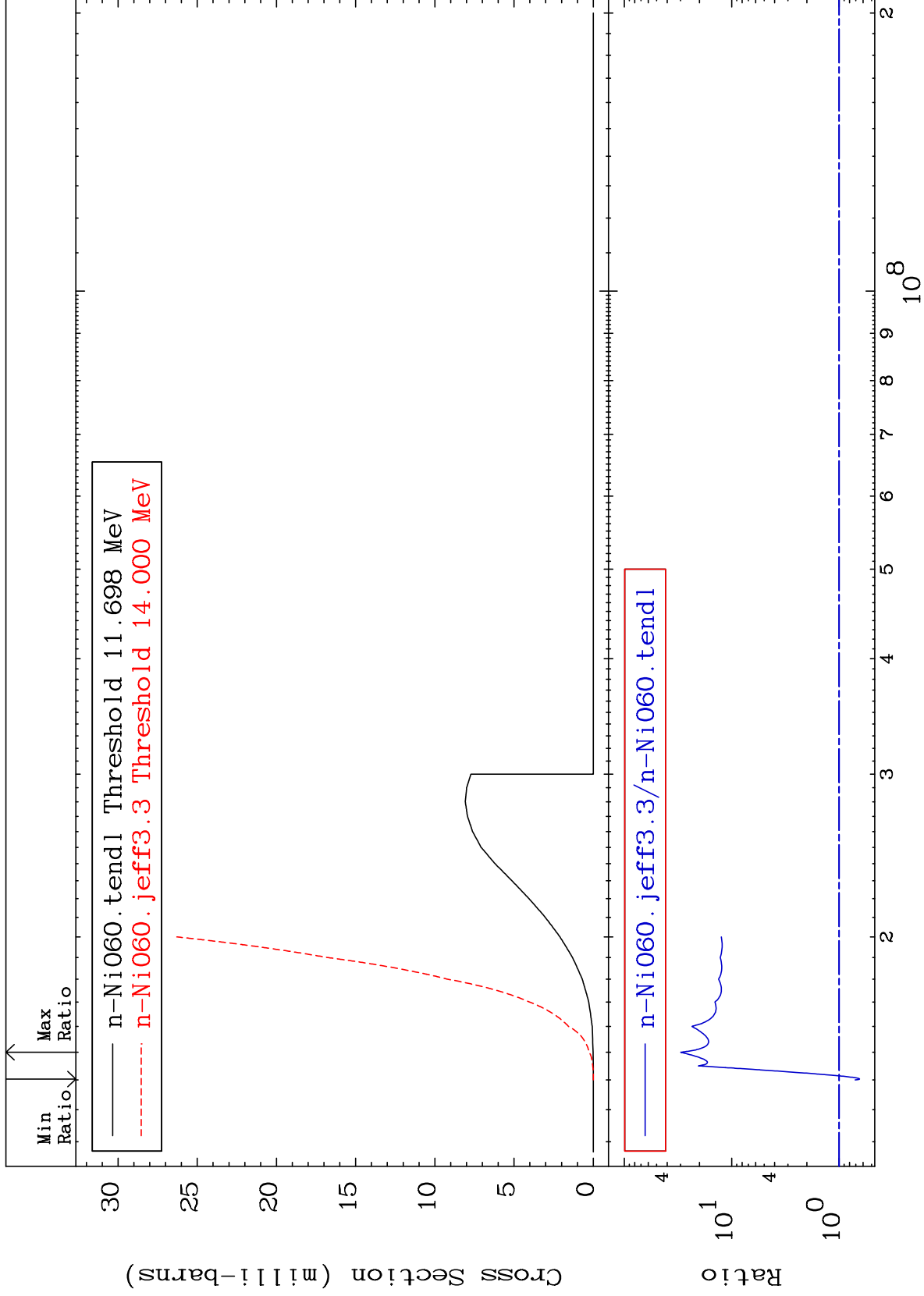
-86.47 To 9999. %



21

Incident Energy (eV)

²⁸Ni-60



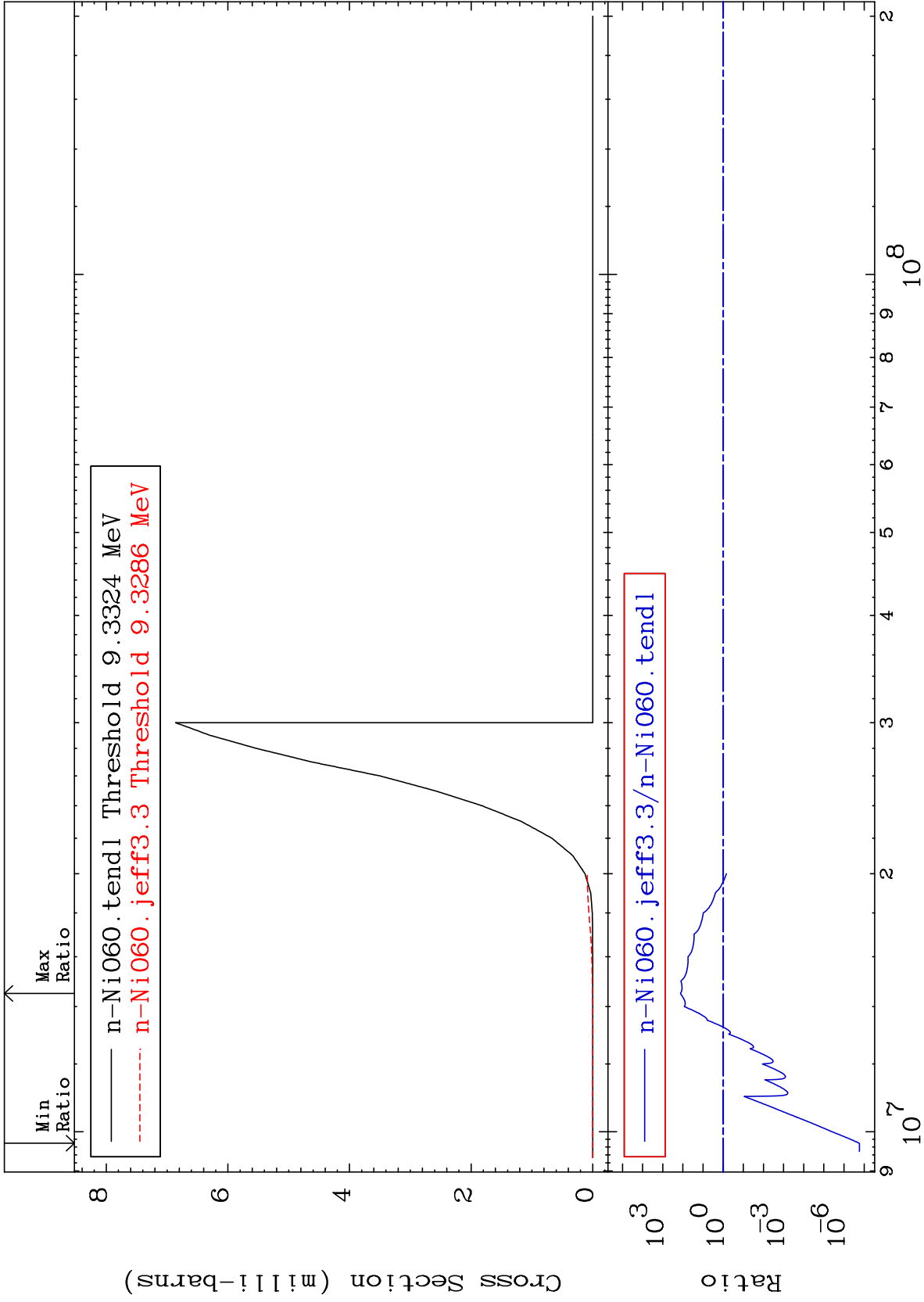
MAT 2831

(n,He-3)

28-Ni-60

Cross Section

-100.0 To 9999. %



23

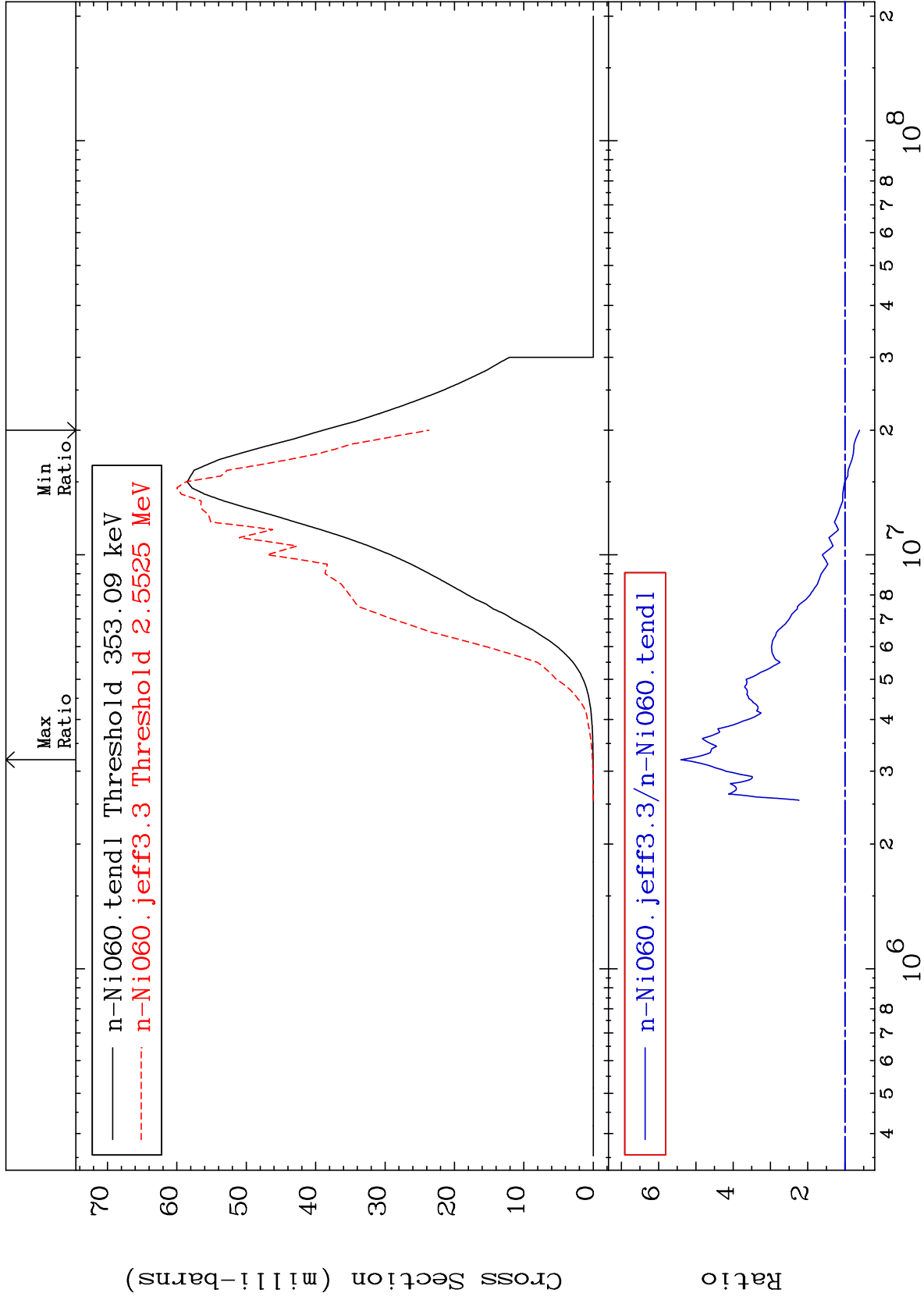
Incident Energy (eV)

28-Ni-60

MAT 2831

$^{28}\text{Ni-60}$

(n, α)
Cross Section
-39.09 To 440.6 %



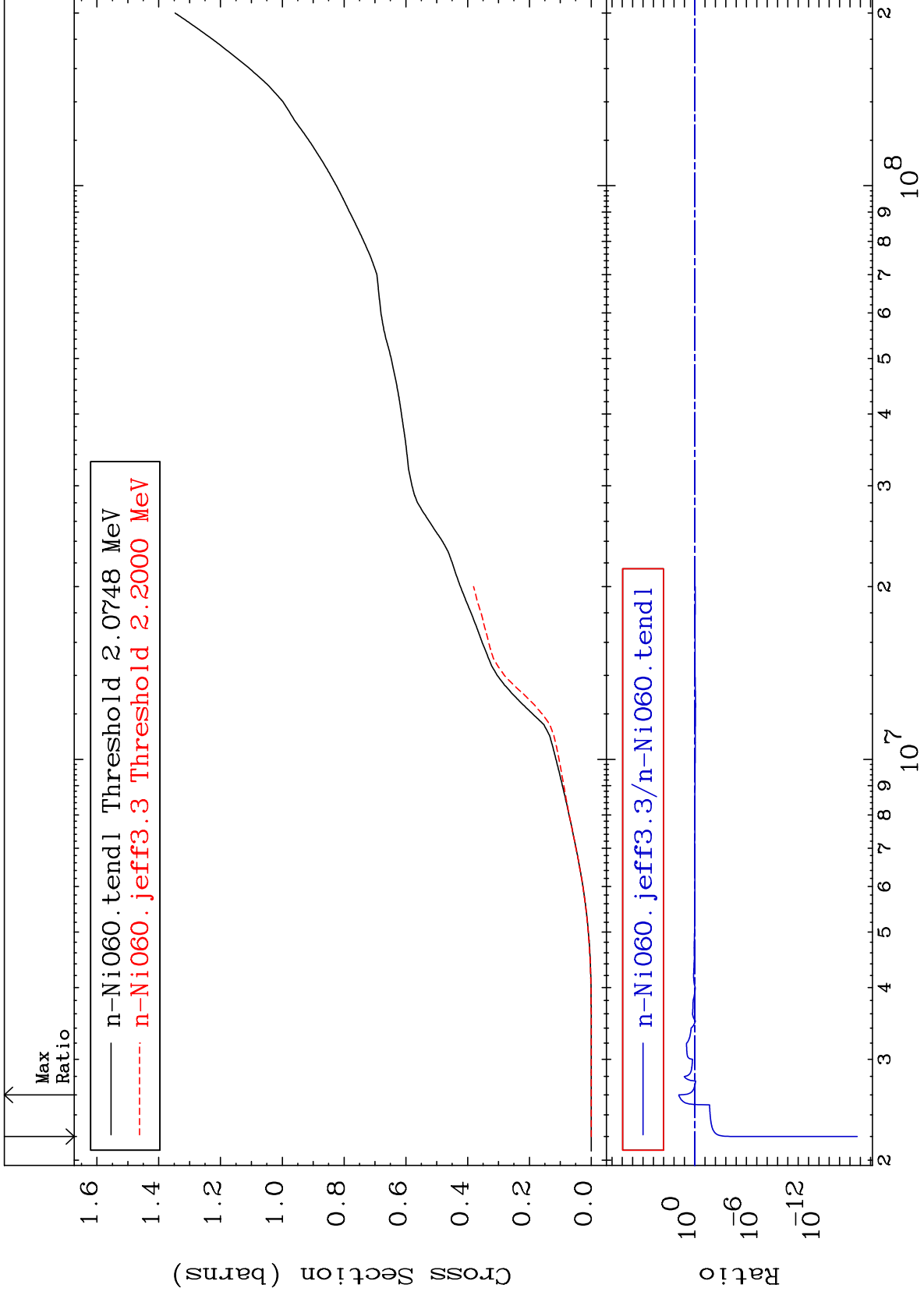
24

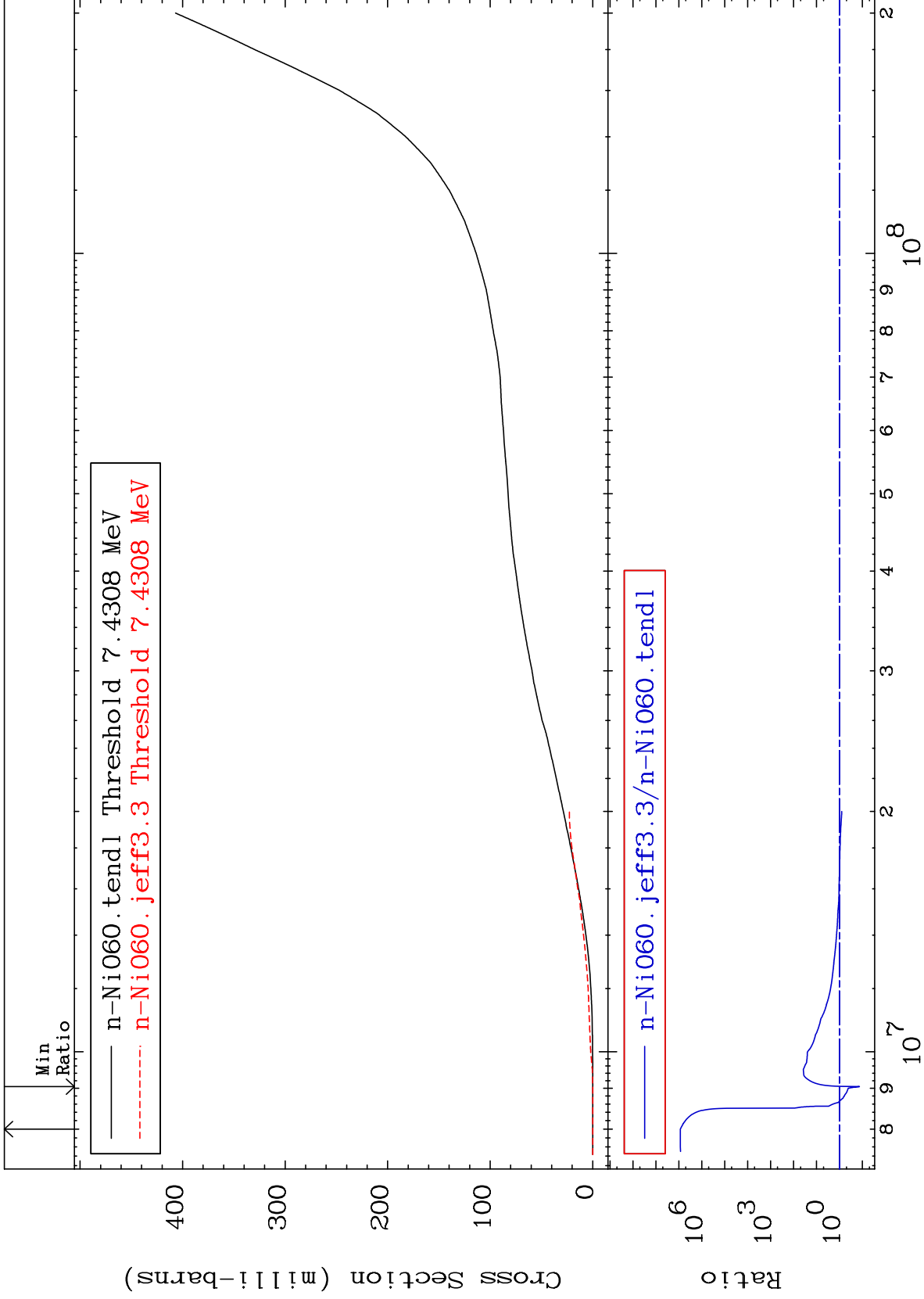
$^{28}\text{Ni-60}$

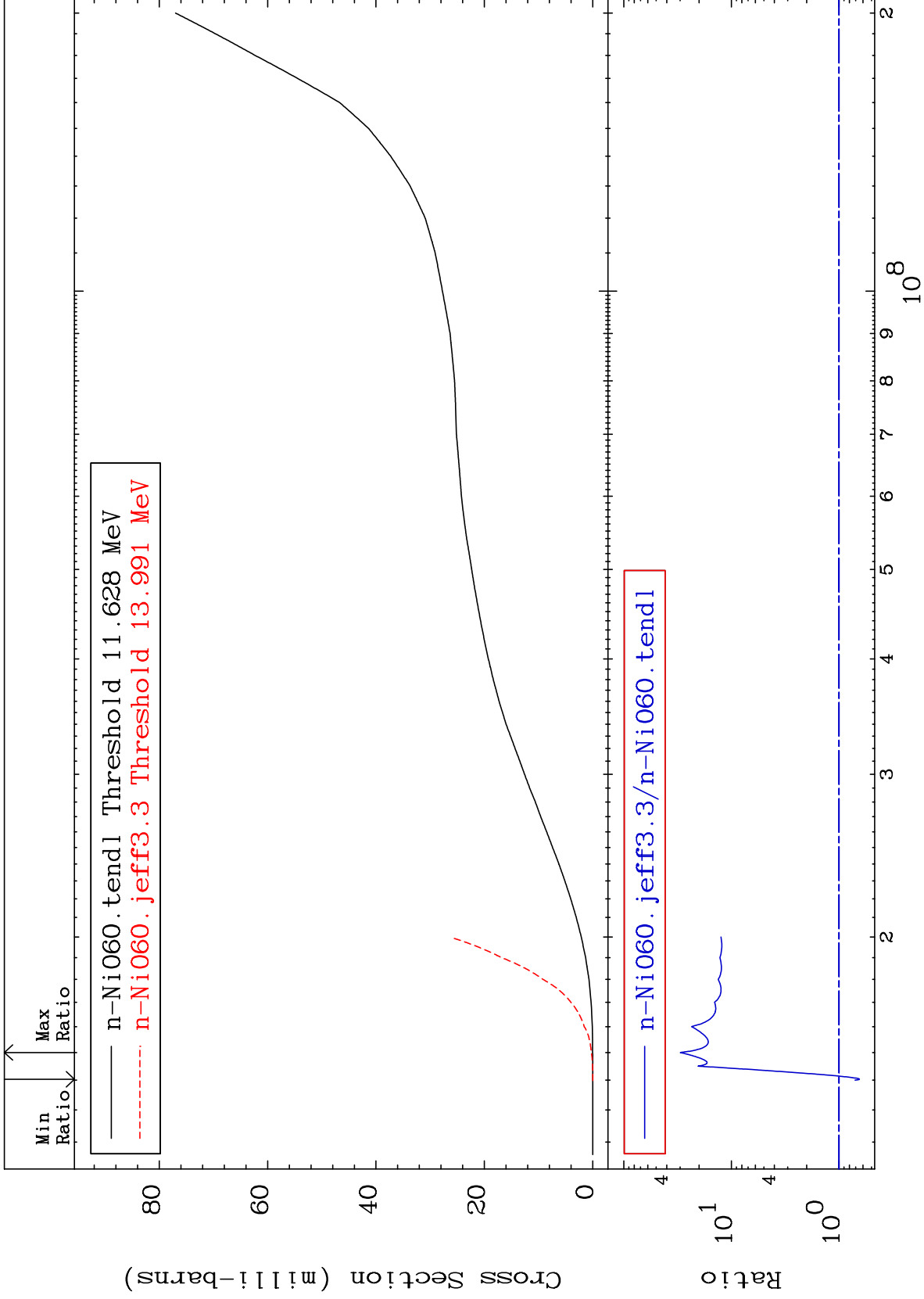
MAT 2831

Hydrogen Production
Cross Section

28-Ni-60
-100.0 To 3503. %



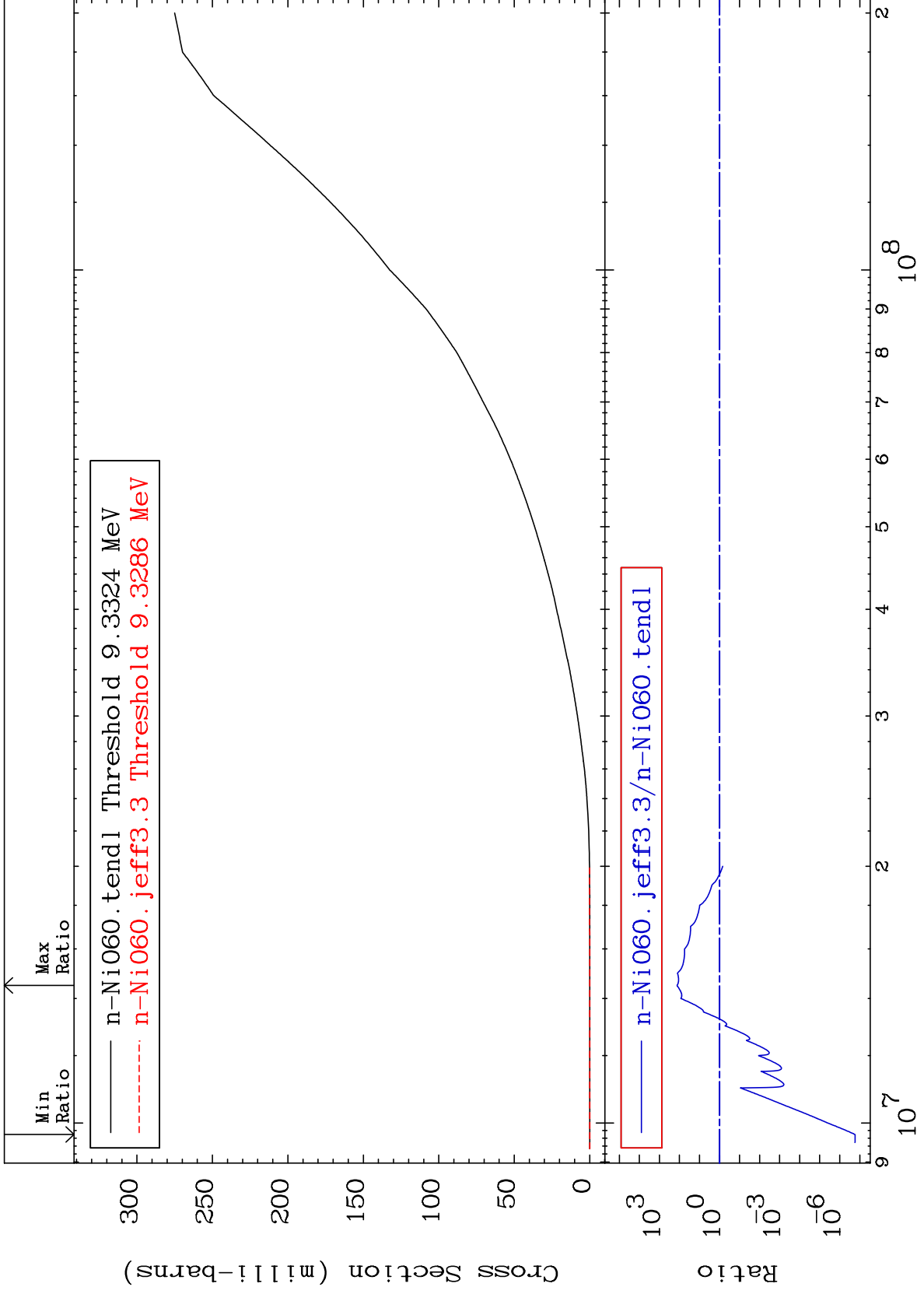




MAT 2831

He-3 Production
Cross Section

28-Ni-60
-100.0 To 9999. %



28

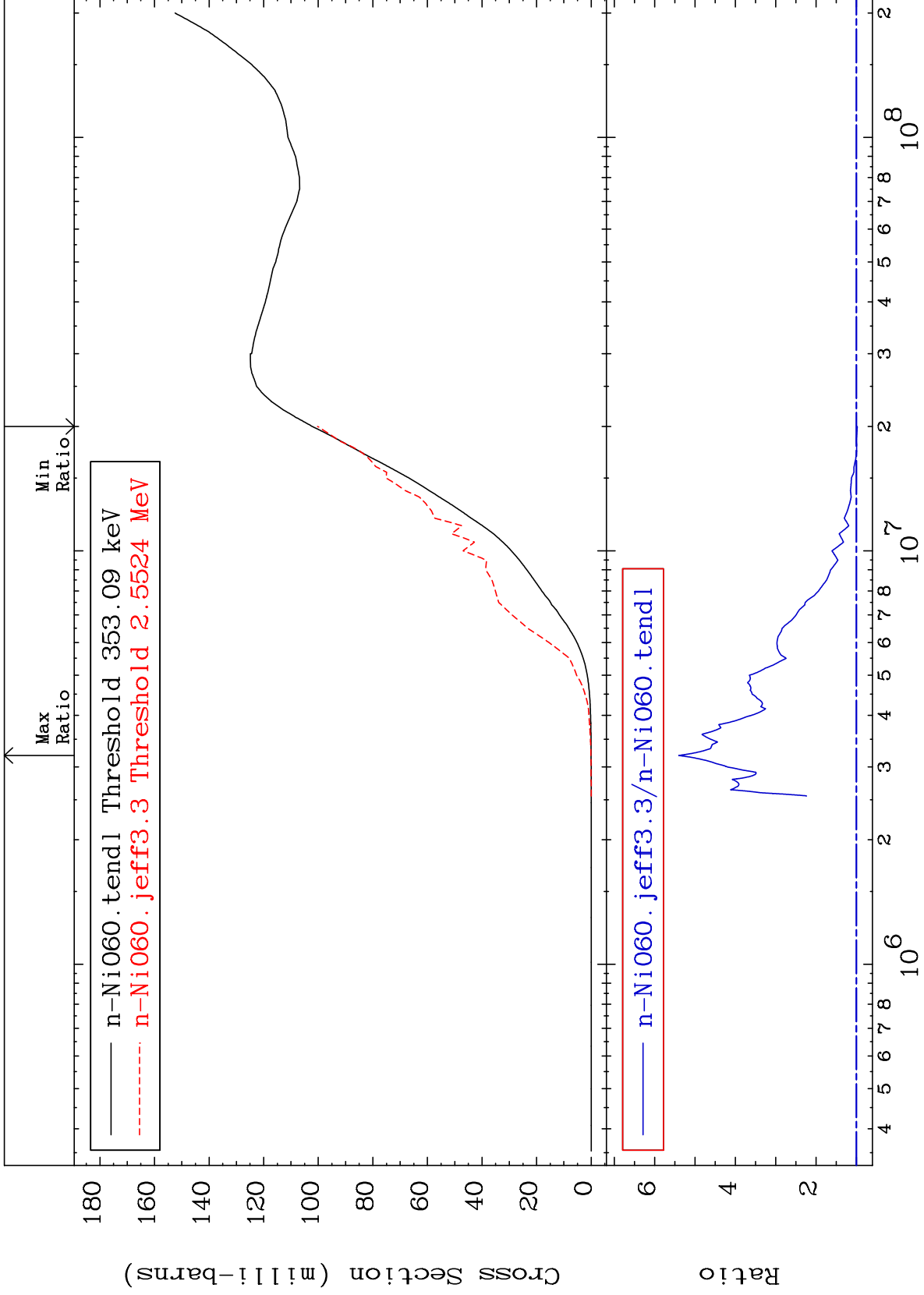
Incident Energy (eV)

28-Ni-60

MAT 2831

He-4 Production
Cross Section

28-Ni-60
-1.919 To 440.6 %



29

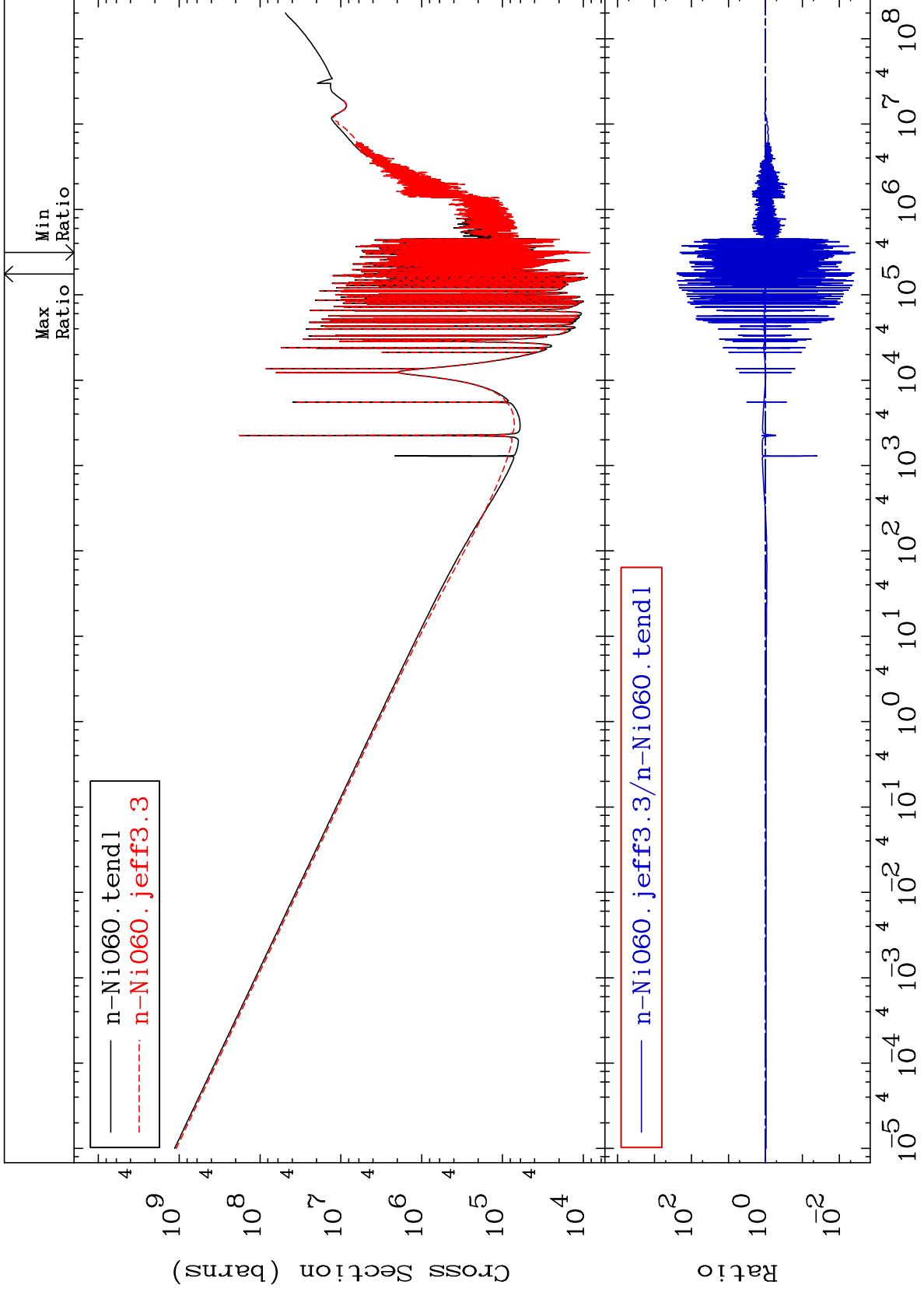
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma total (eV-barns)
Cross Section

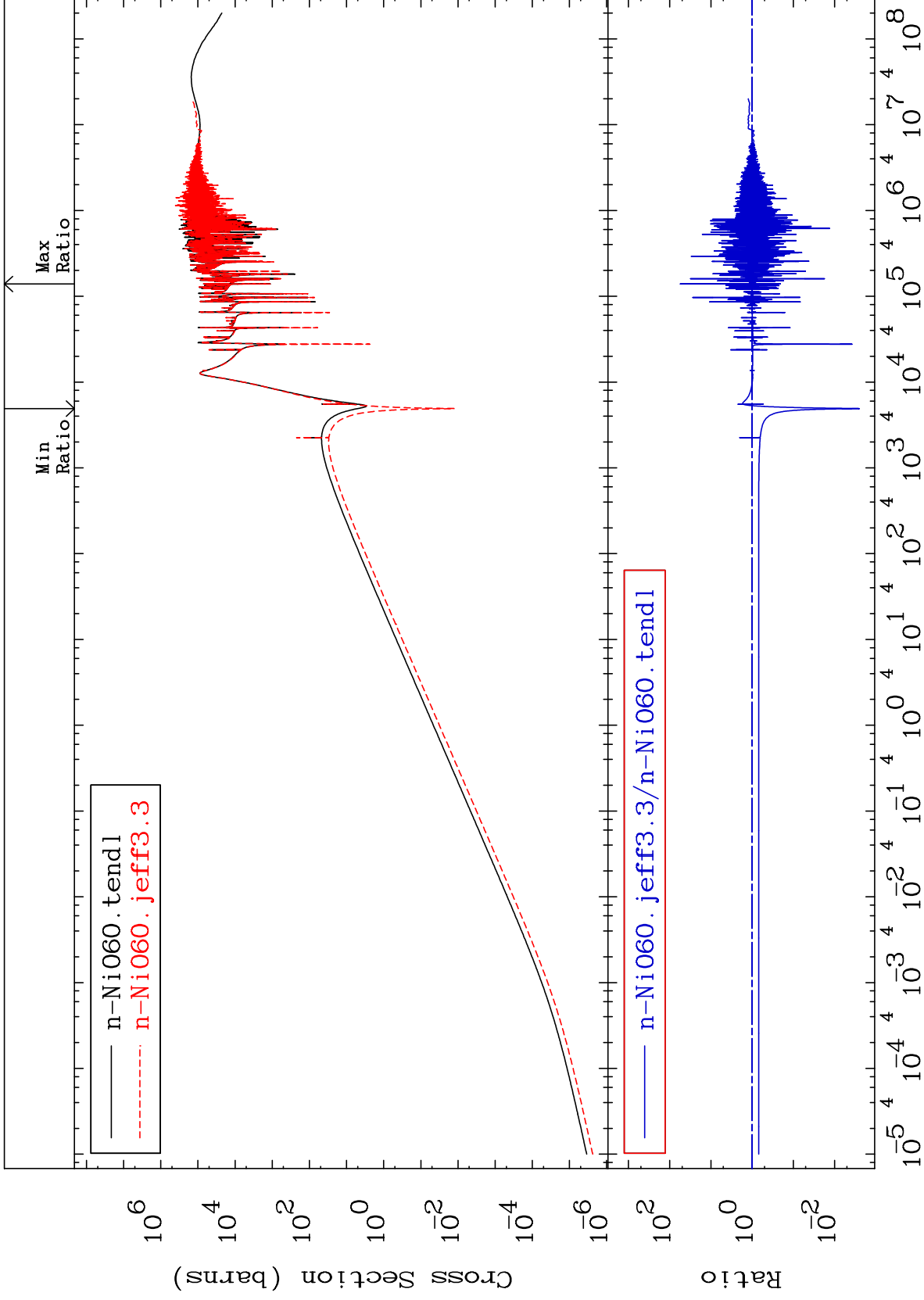
28-Ni-60
-99.63 To 9999. %



30

Incident Energy (eV)

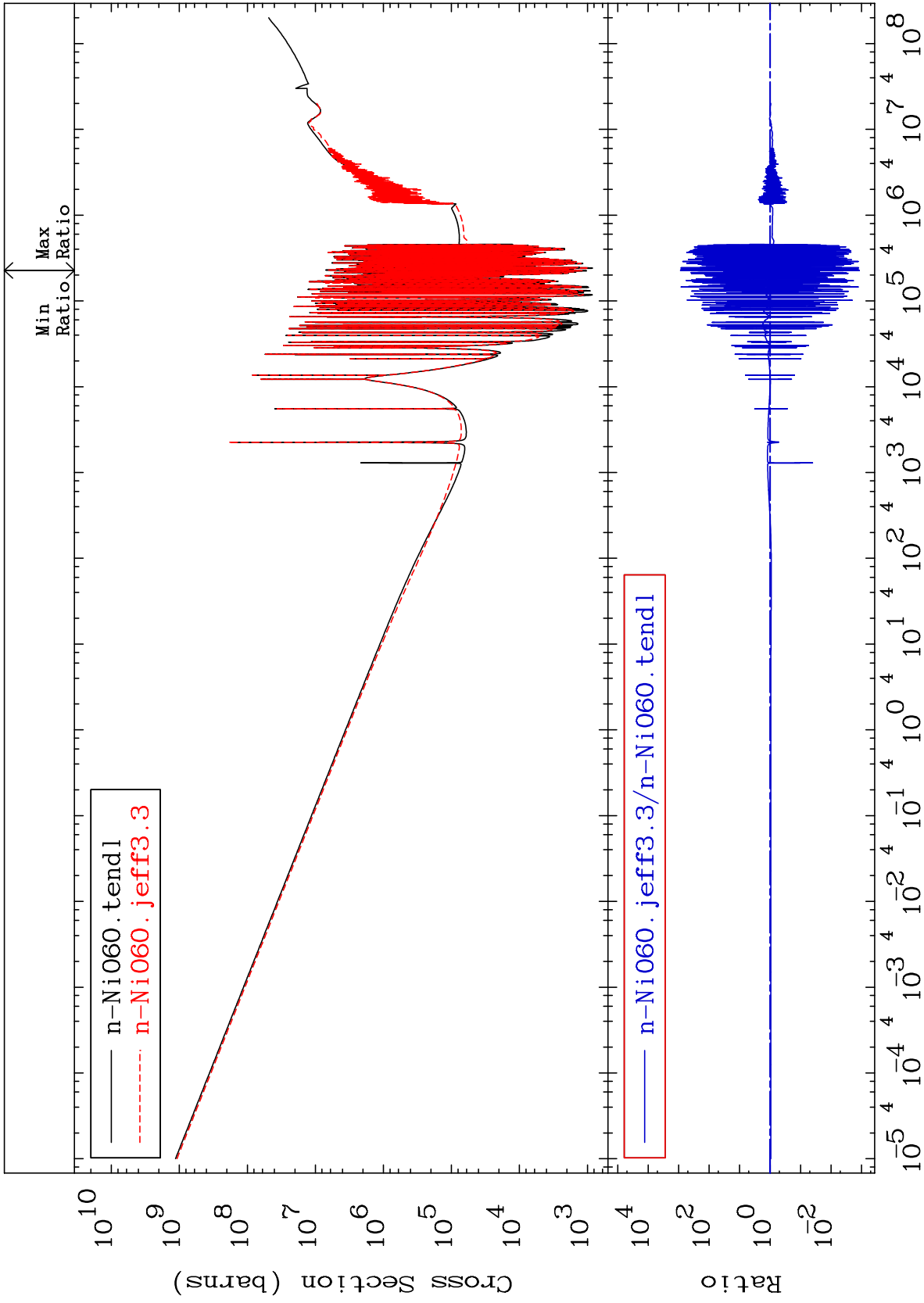
28-Ni-60

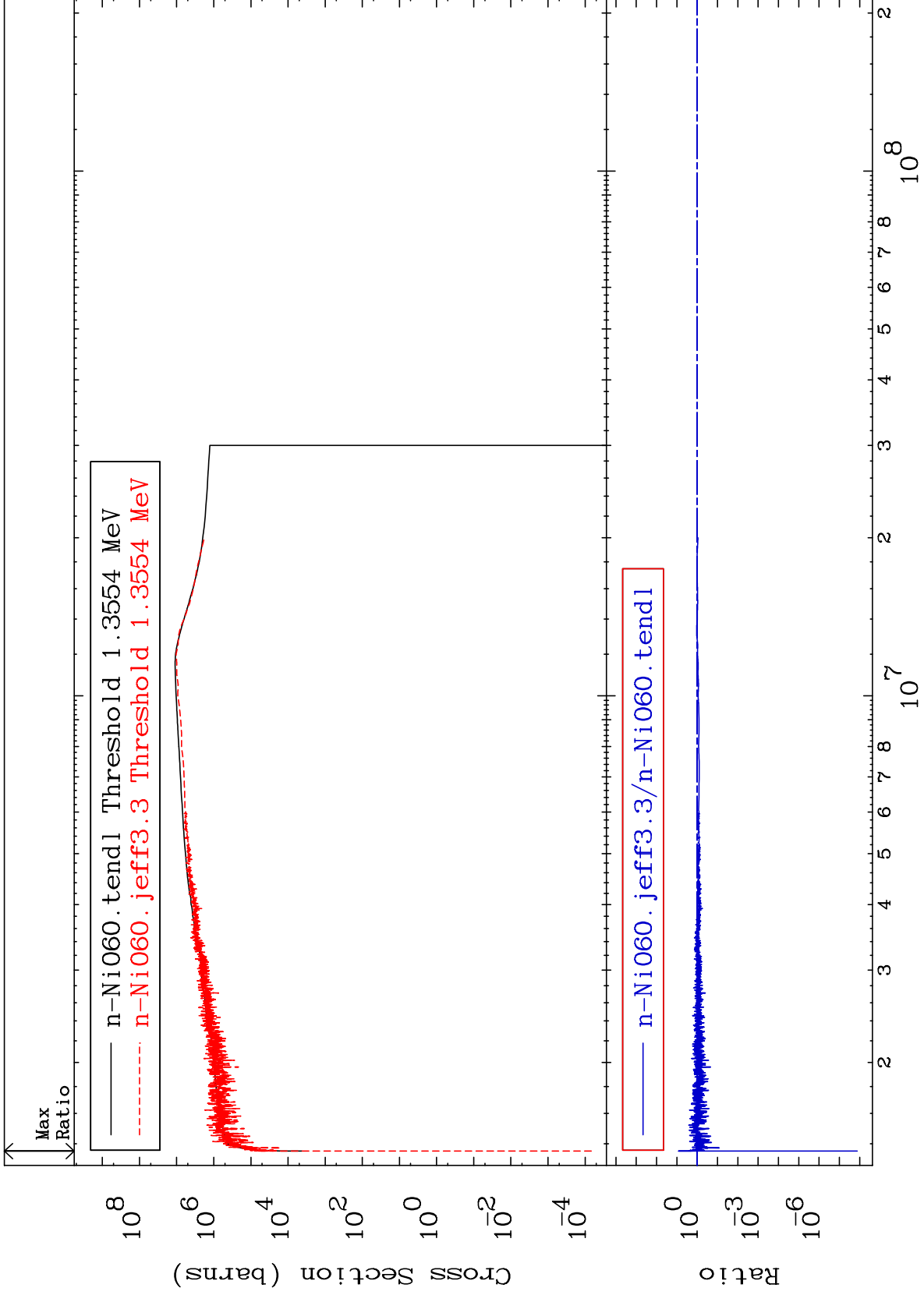


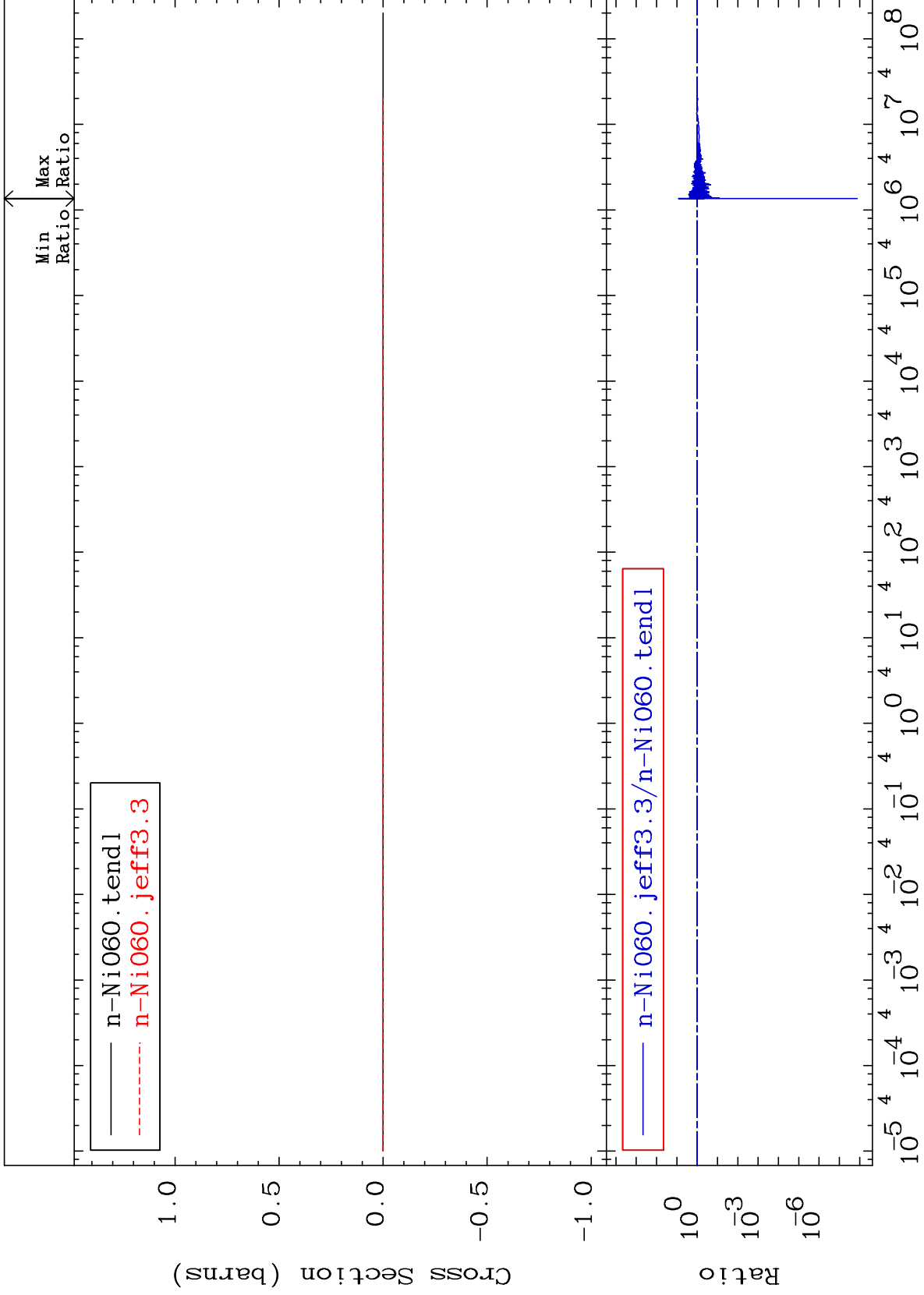
MAT 2831

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-60
-99.88 To 9999. %



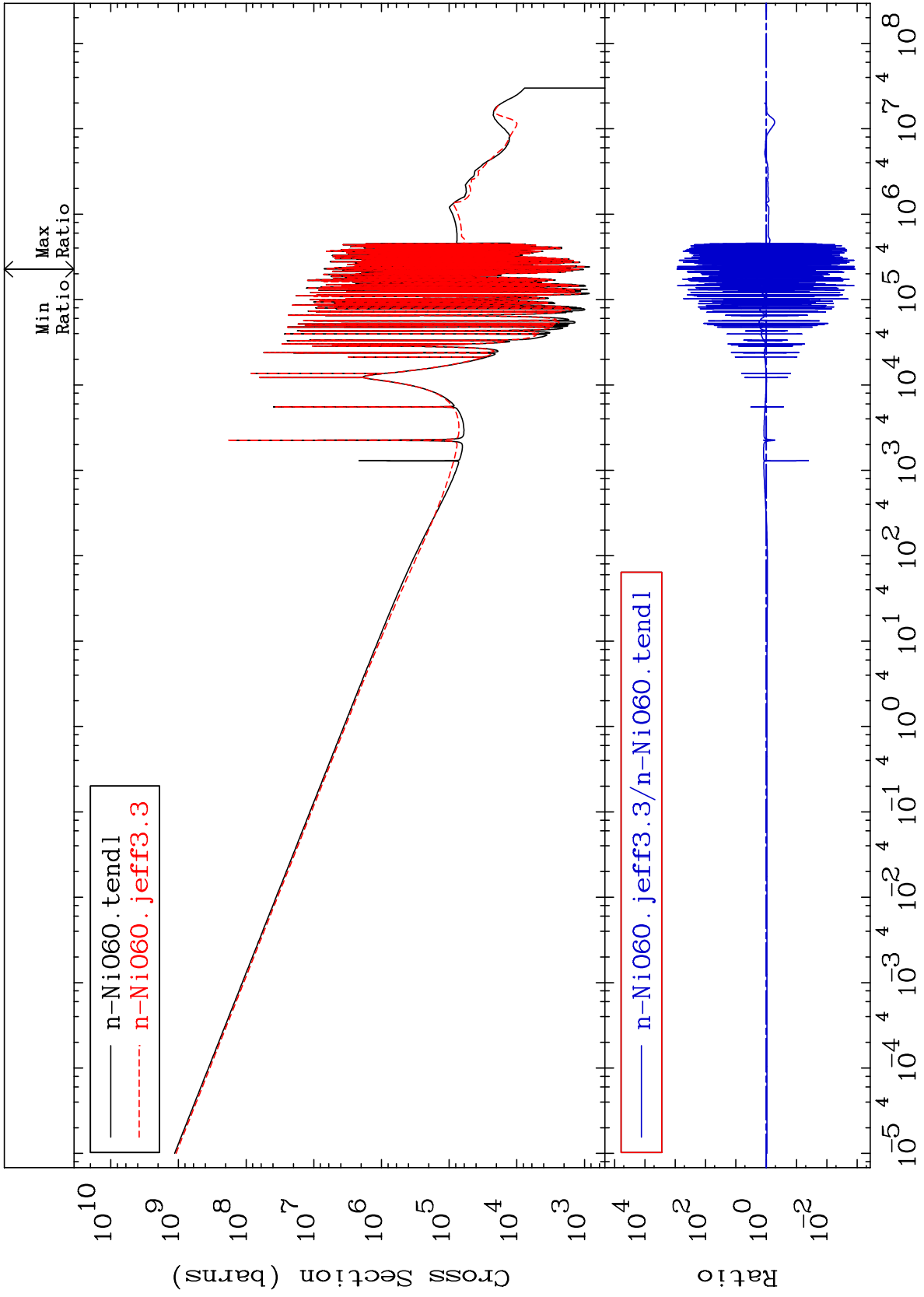




MAT 2831

Kerma capture (mt102)
Cross Section

28-Ni-60
-99.88 To 9999. %



35

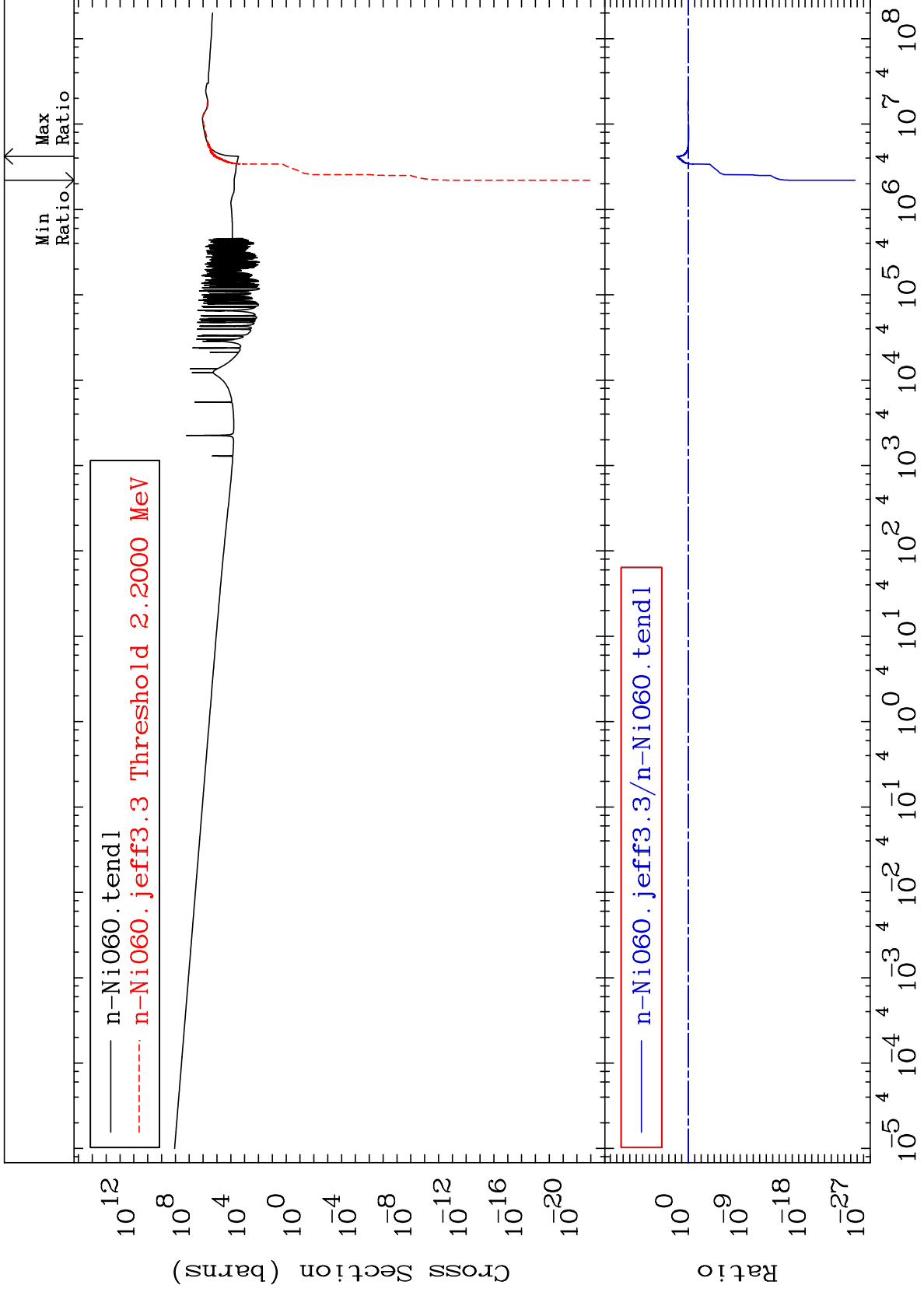
Incident Energy (eV)

28-Ni-60

MAT 2831

Total photon (eV-barns)
Cross Section

28-Ni-60
-100.0 To 5361. %



36

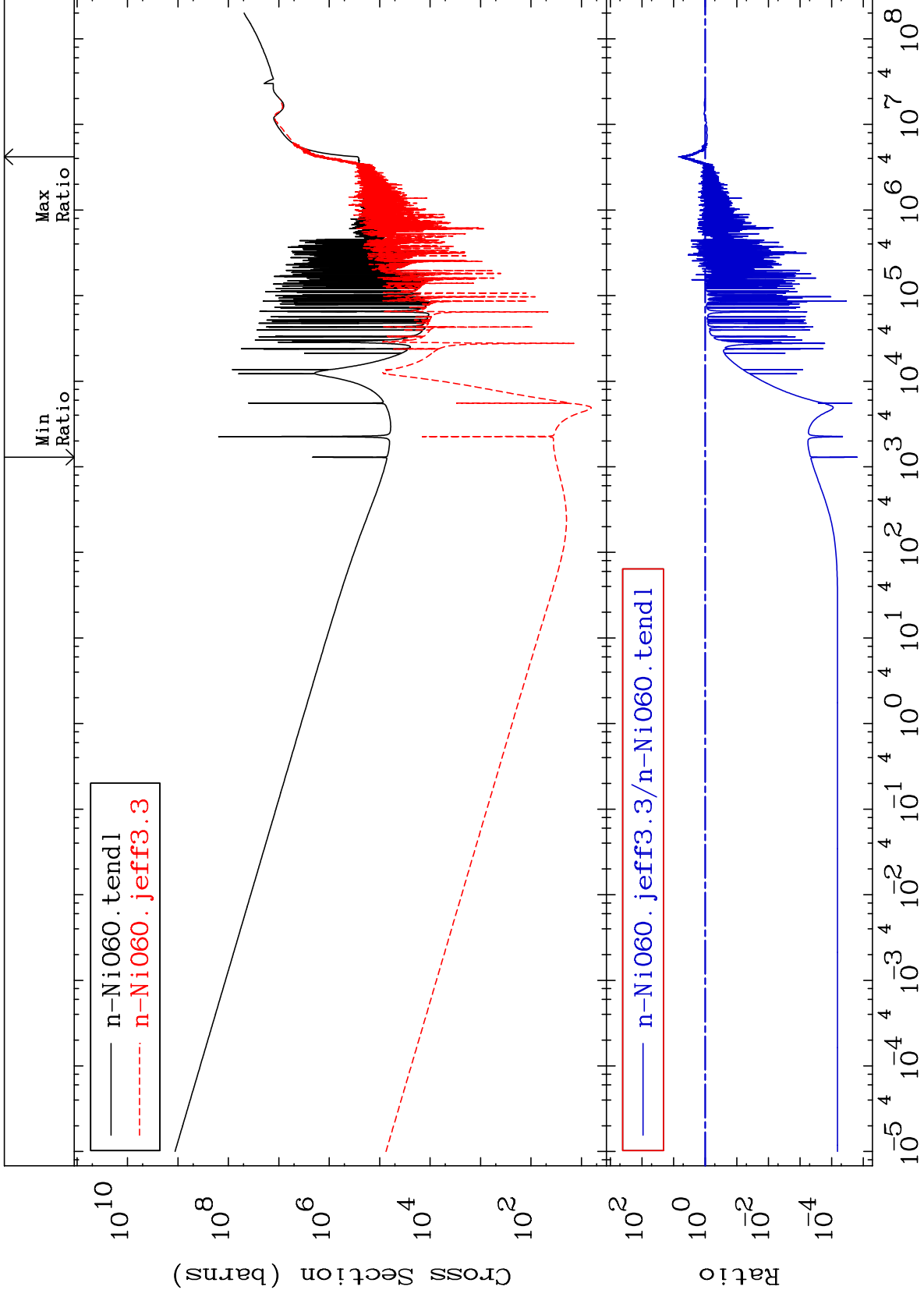
Incident Energy (eV)

28-Ni-60

MAT 2831

Total kinematic kerma (high limit)
Cross Section

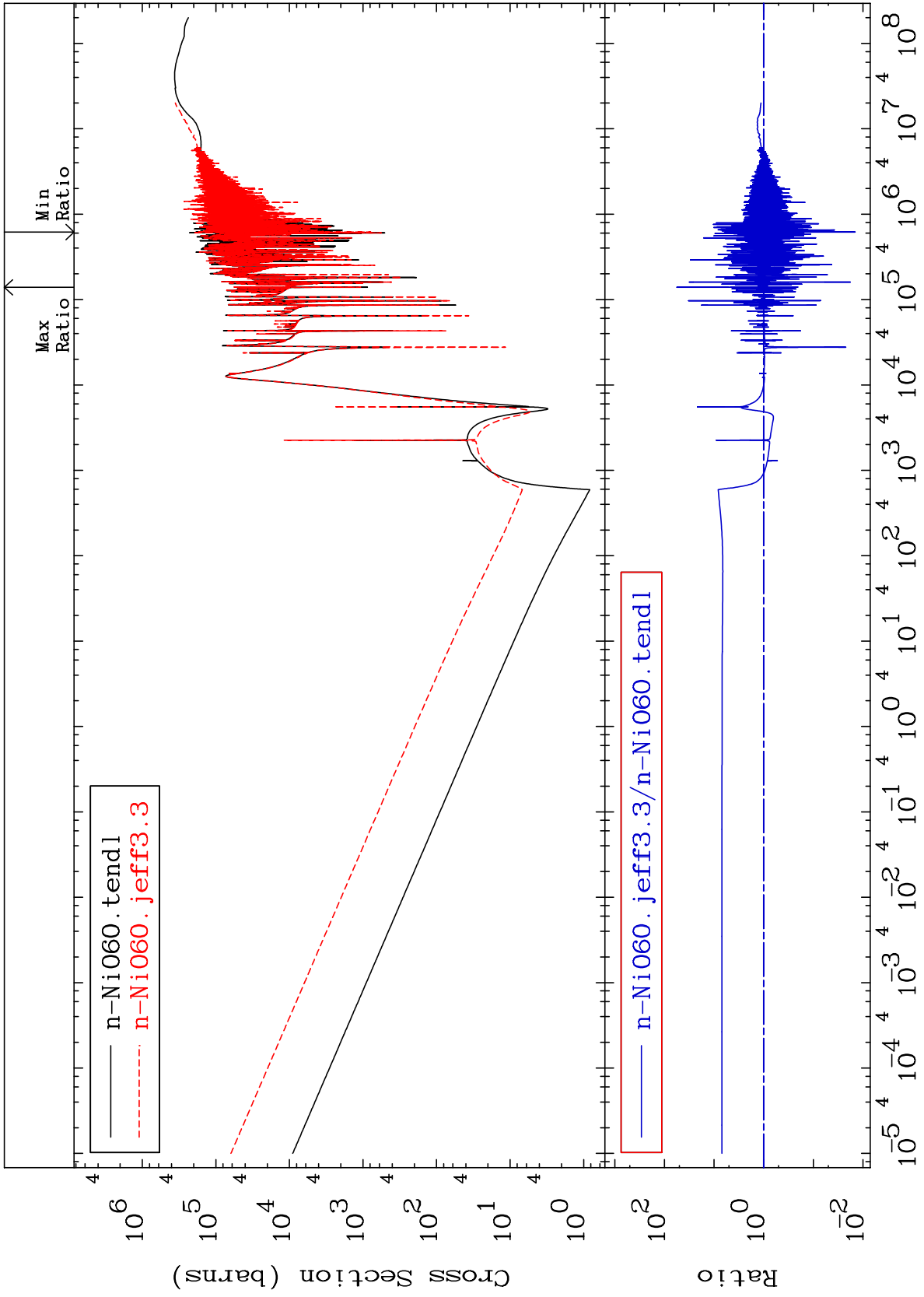
28-Ni-60
-100.0 To 592.3 %

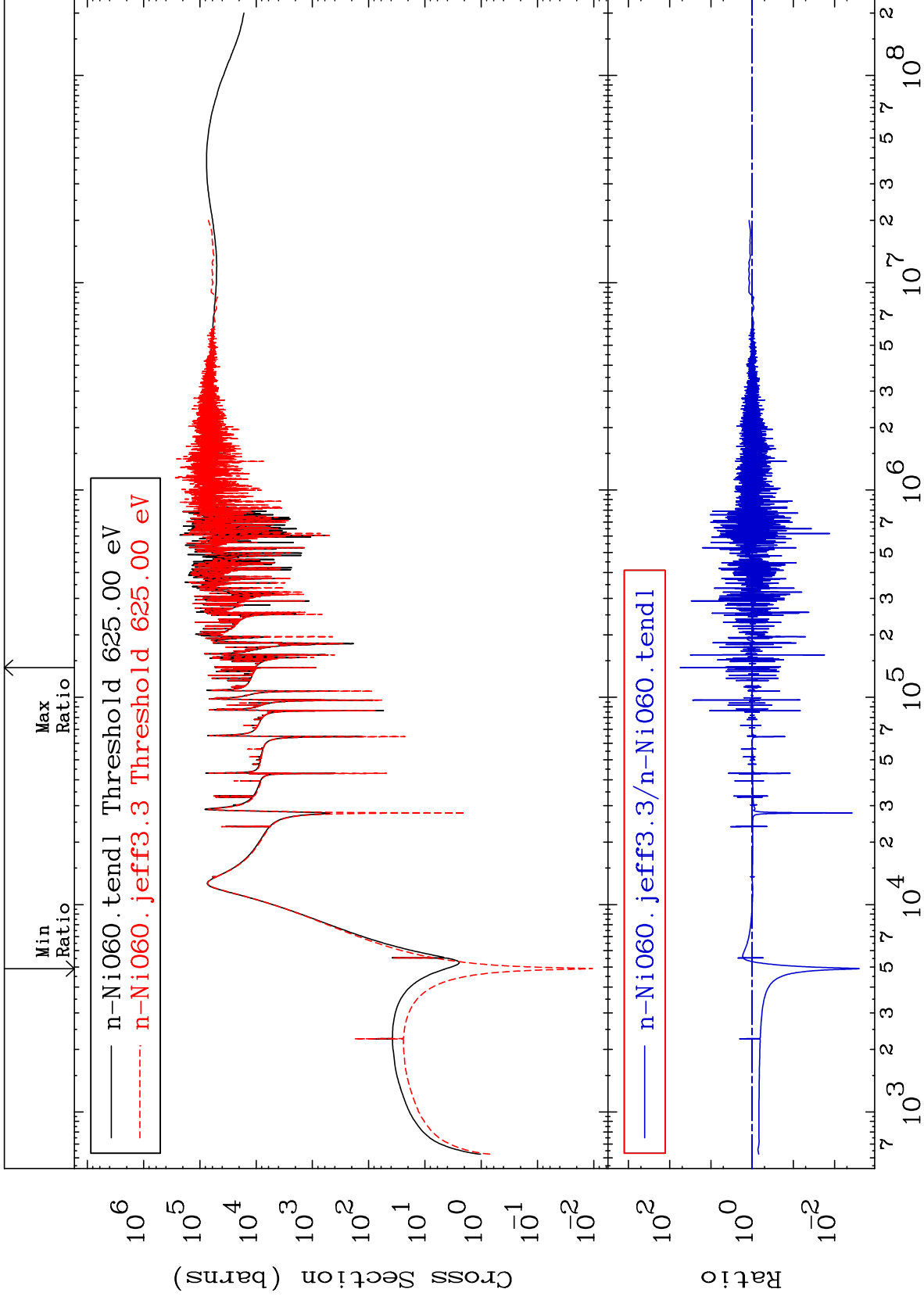


MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-98.56 To 5504. %

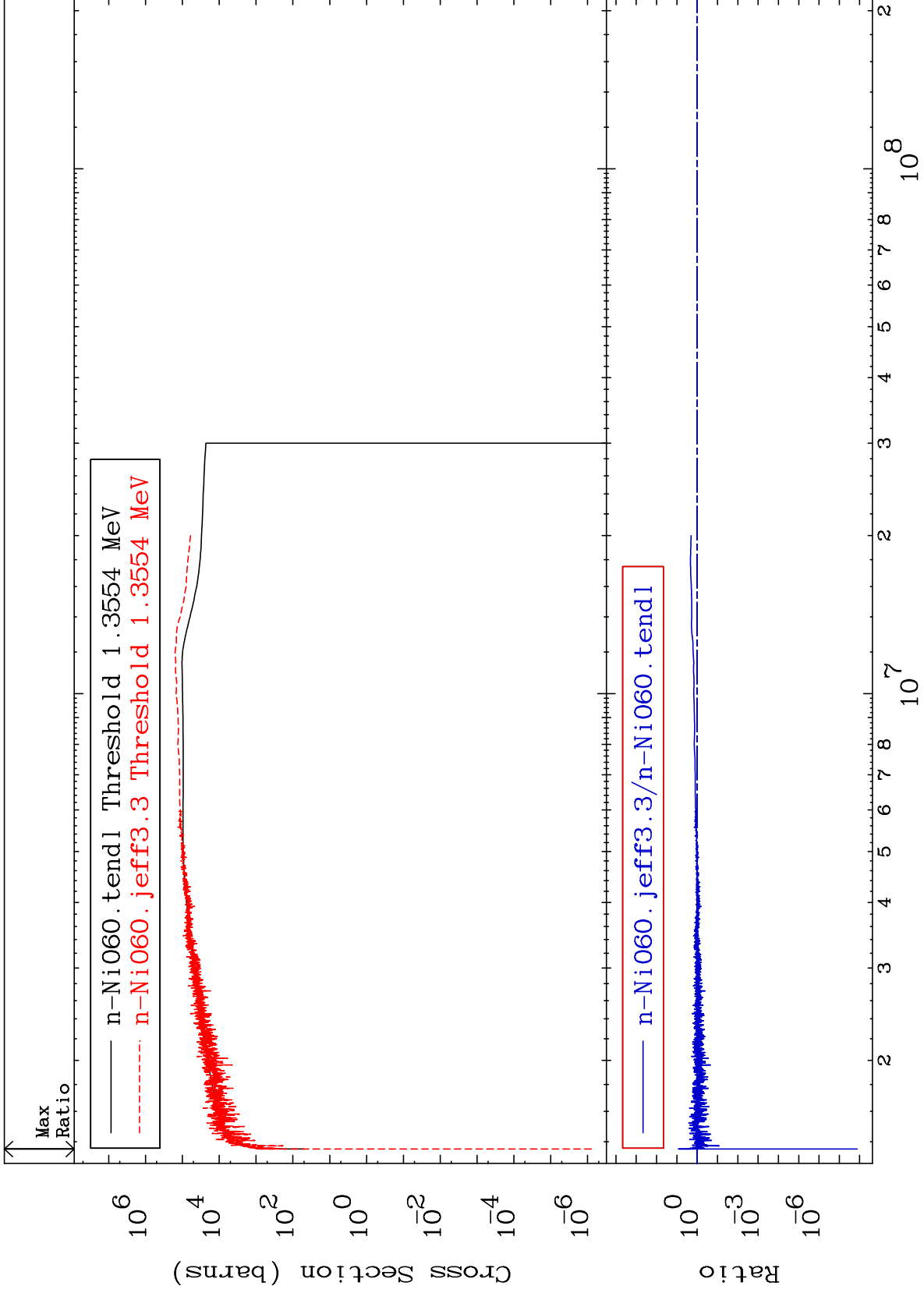




MAT 2831

Dpa inelastic (mt51-91)
Cross Section

28-Ni-60
-100.0 To 718.5 %



MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-94.94 To 9999. %

