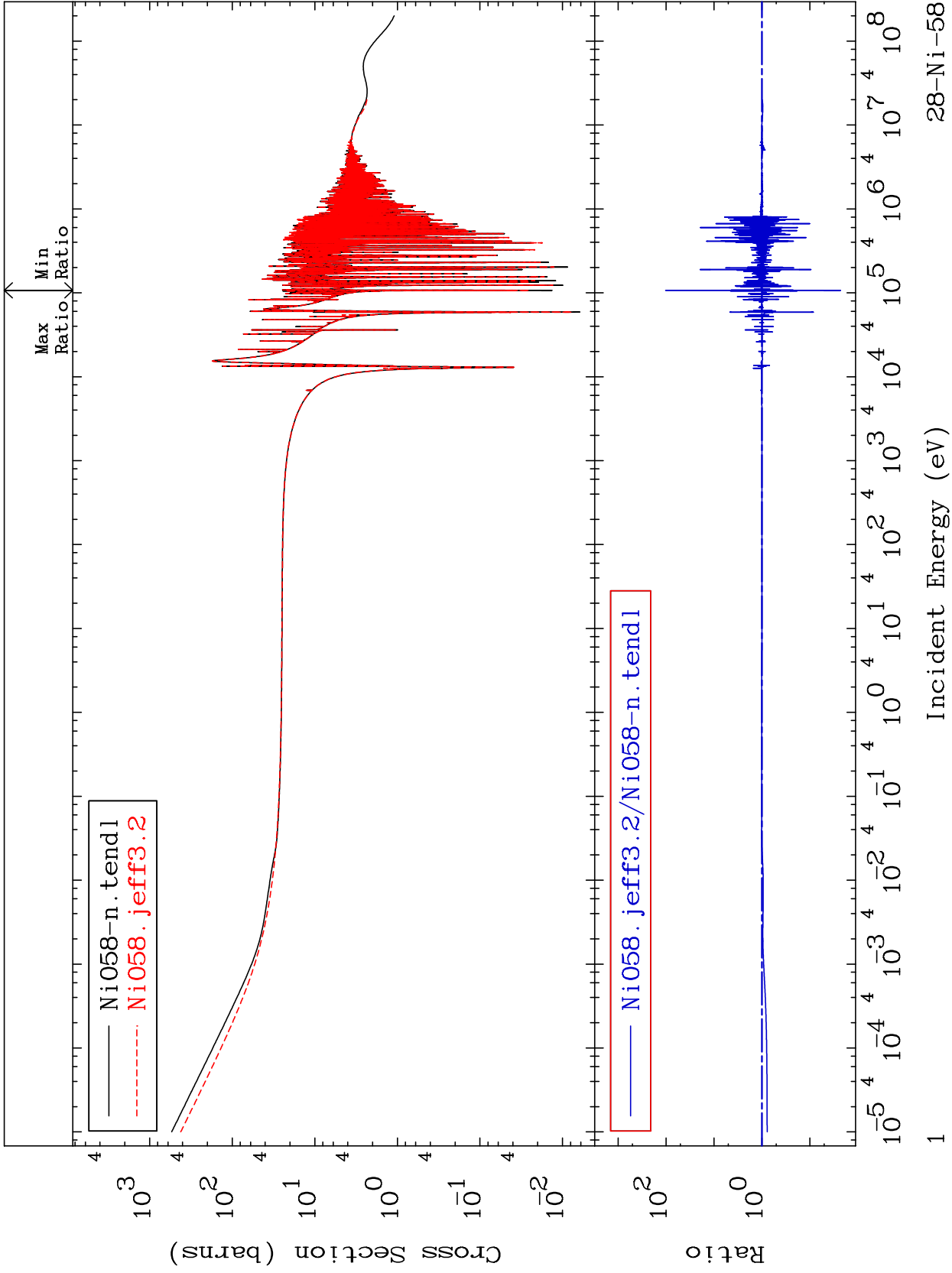


MAT 2825

Total
Cross Section

28-Ni-58
-97.73 To 9999. %



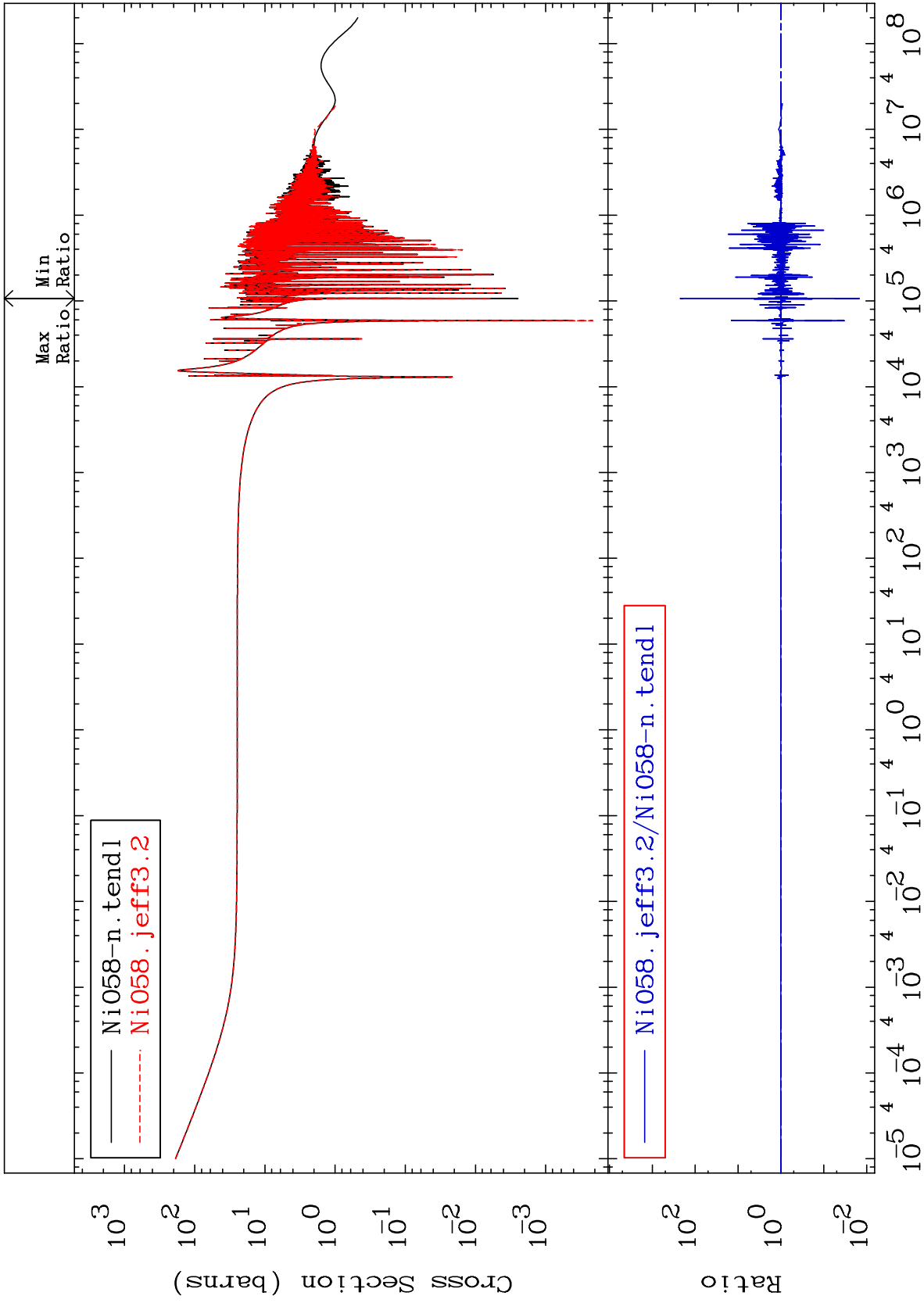
Incident Energy (eV)

28-Ni-58

MAT 2825

Elastic
Cross Section

28-Ni-58
-98.53 To 9999. %



Incident Energy (eV)

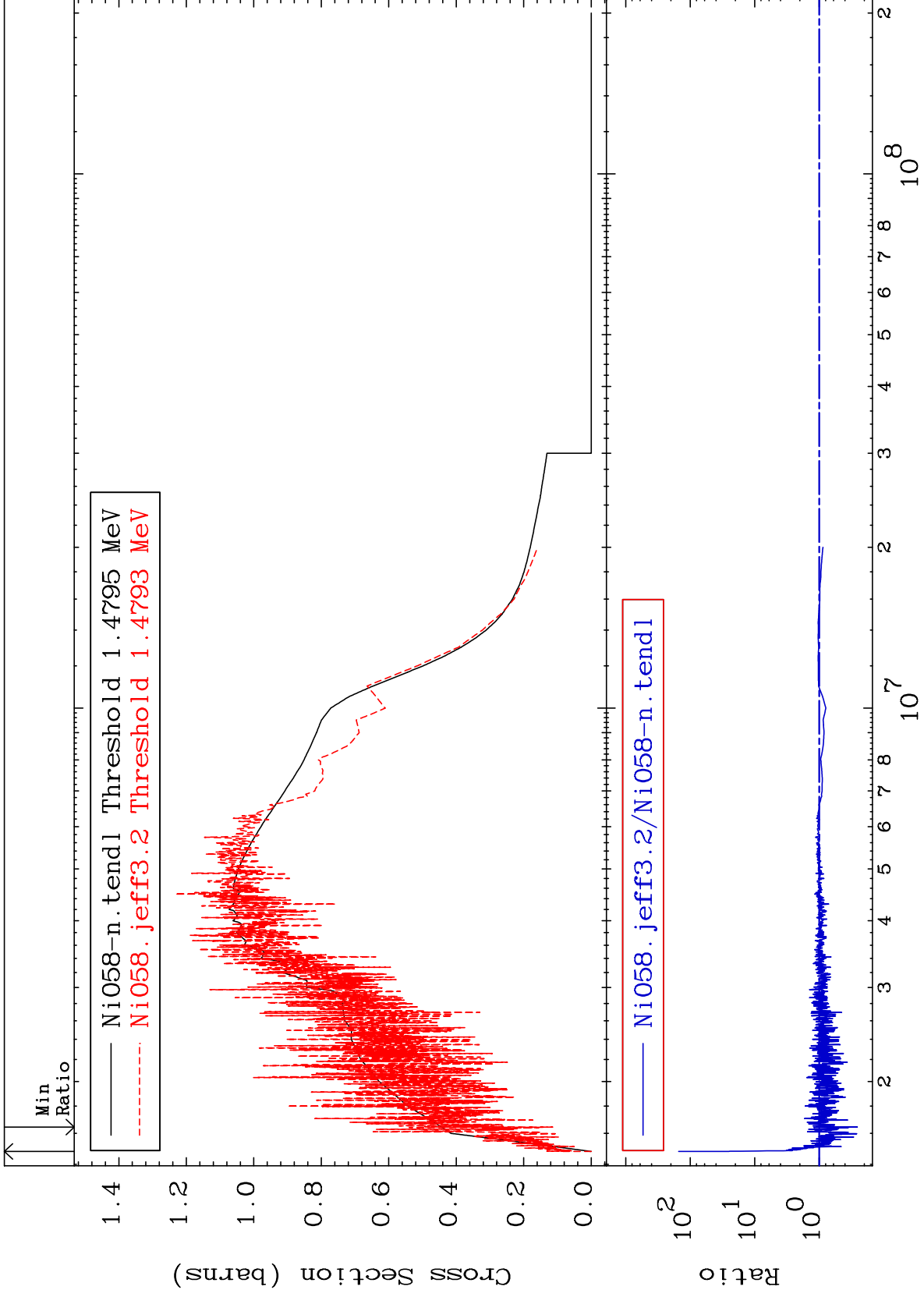
28-Ni-58

2

MAT 2825

Inelastic
Cross Section

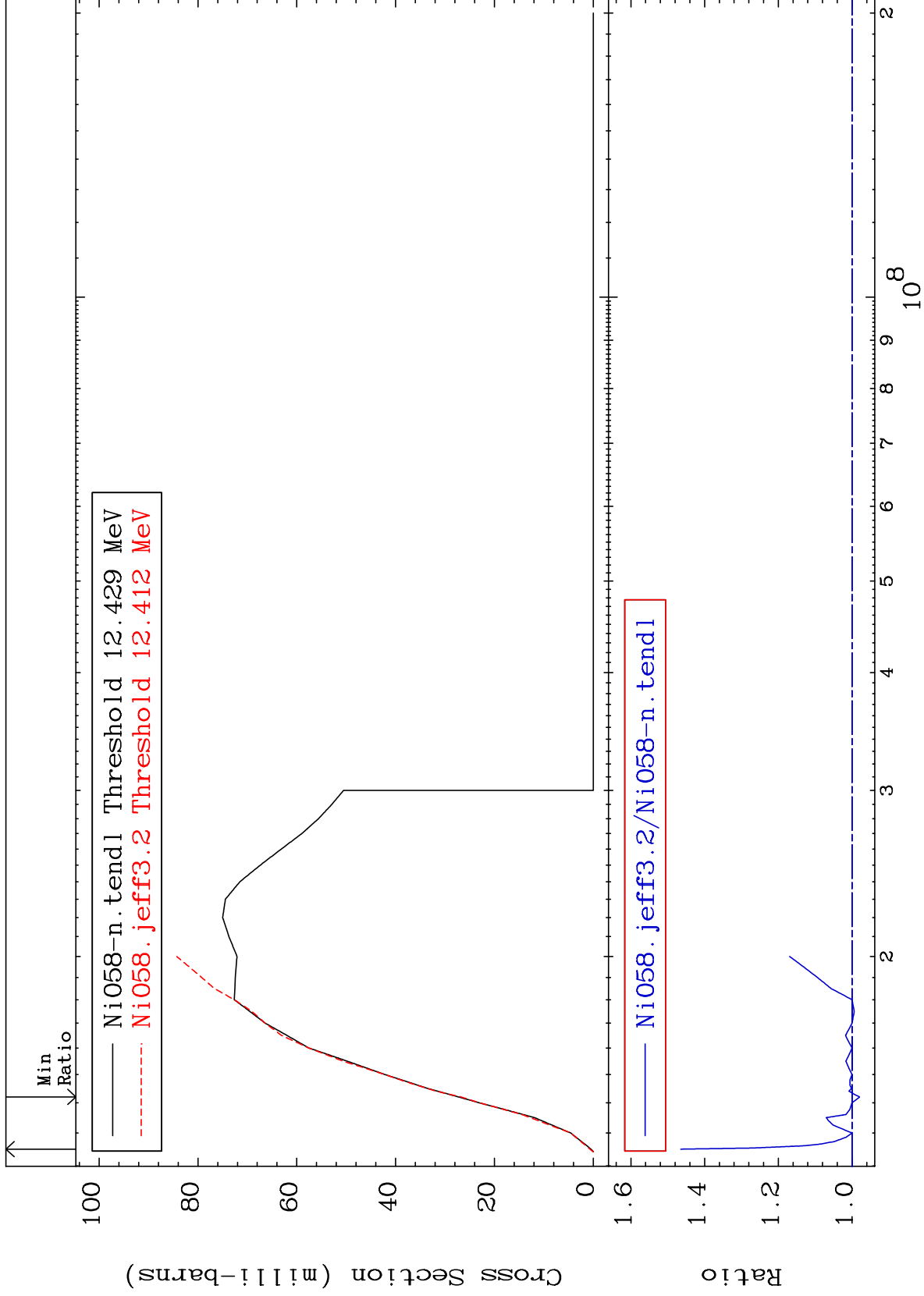
28-Ni-58
-74.22 To 9999. %



MAT 2825

(n,2n)
Cross Section

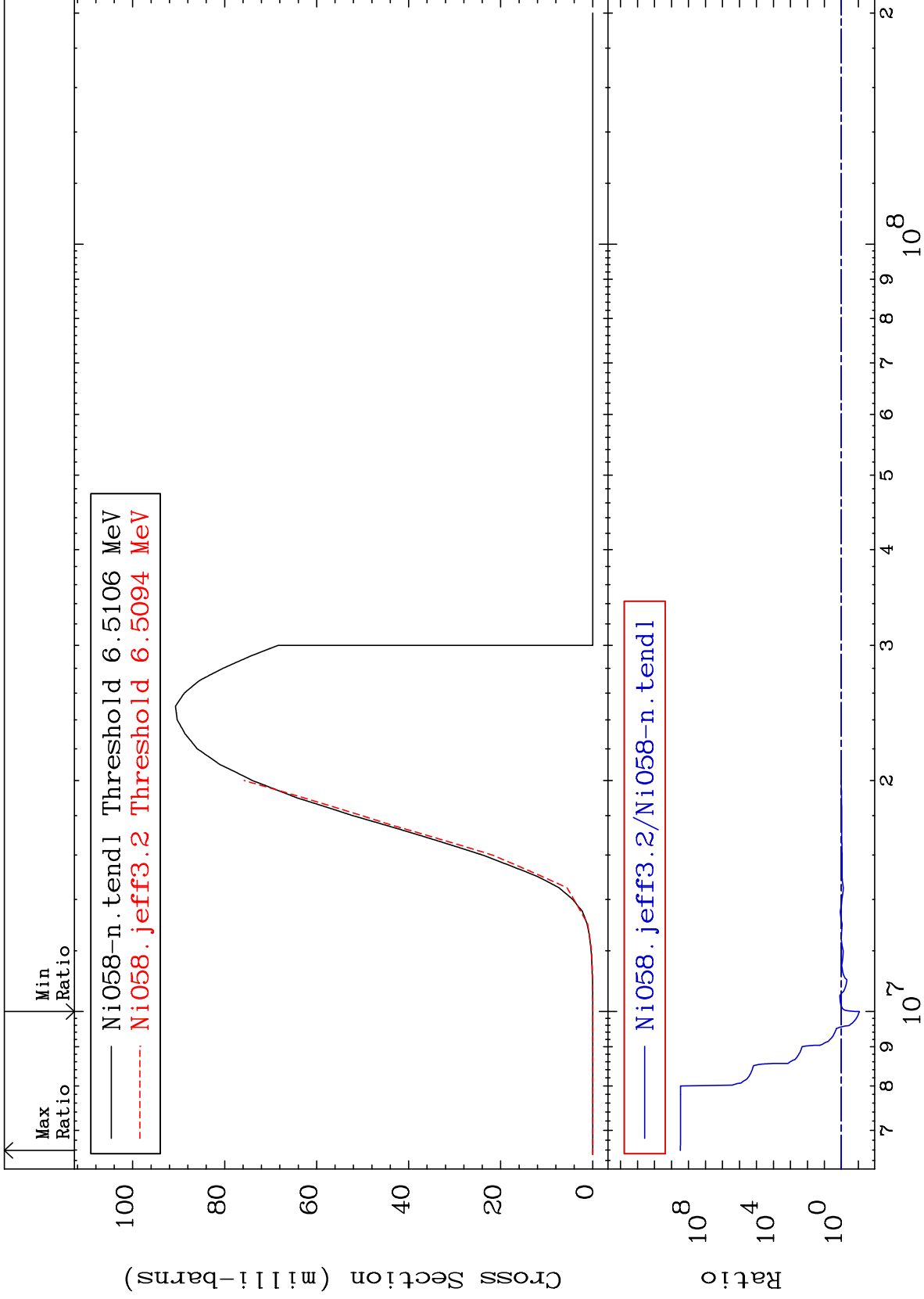
28-Ni-58
-2.037 To 46.47 %



MAT 2825

(n, n') α
Cross Section

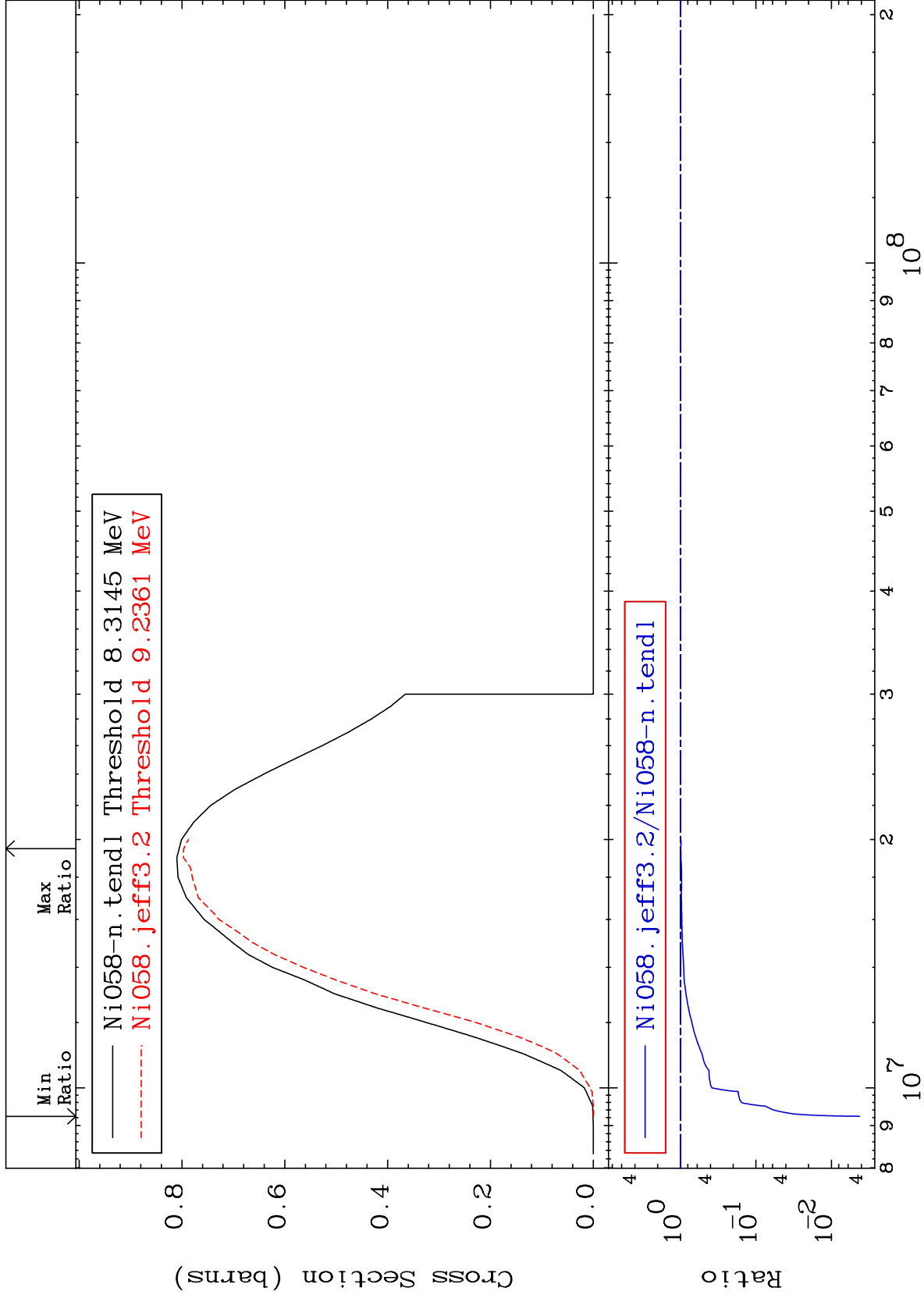
28-Ni-58
-91.33 To 9999. %



MAT 2825

(n, n') p
Cross Section

28-Ni-58
-99.58 To -1.078%



6

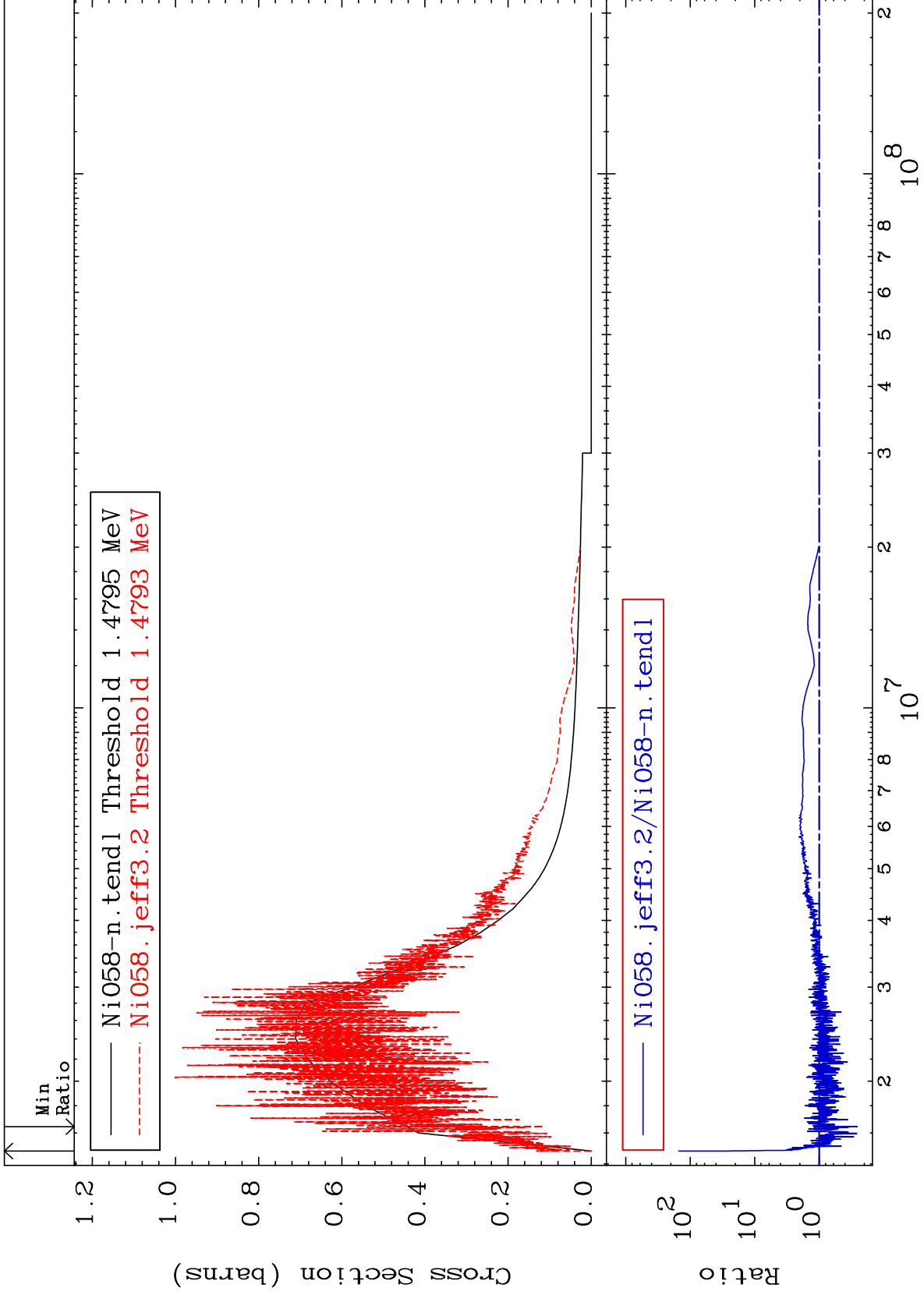
Incident Energy (eV)

28-Ni-58

MAT 2825

1.454 MeV (n,n') Level
Cross Section

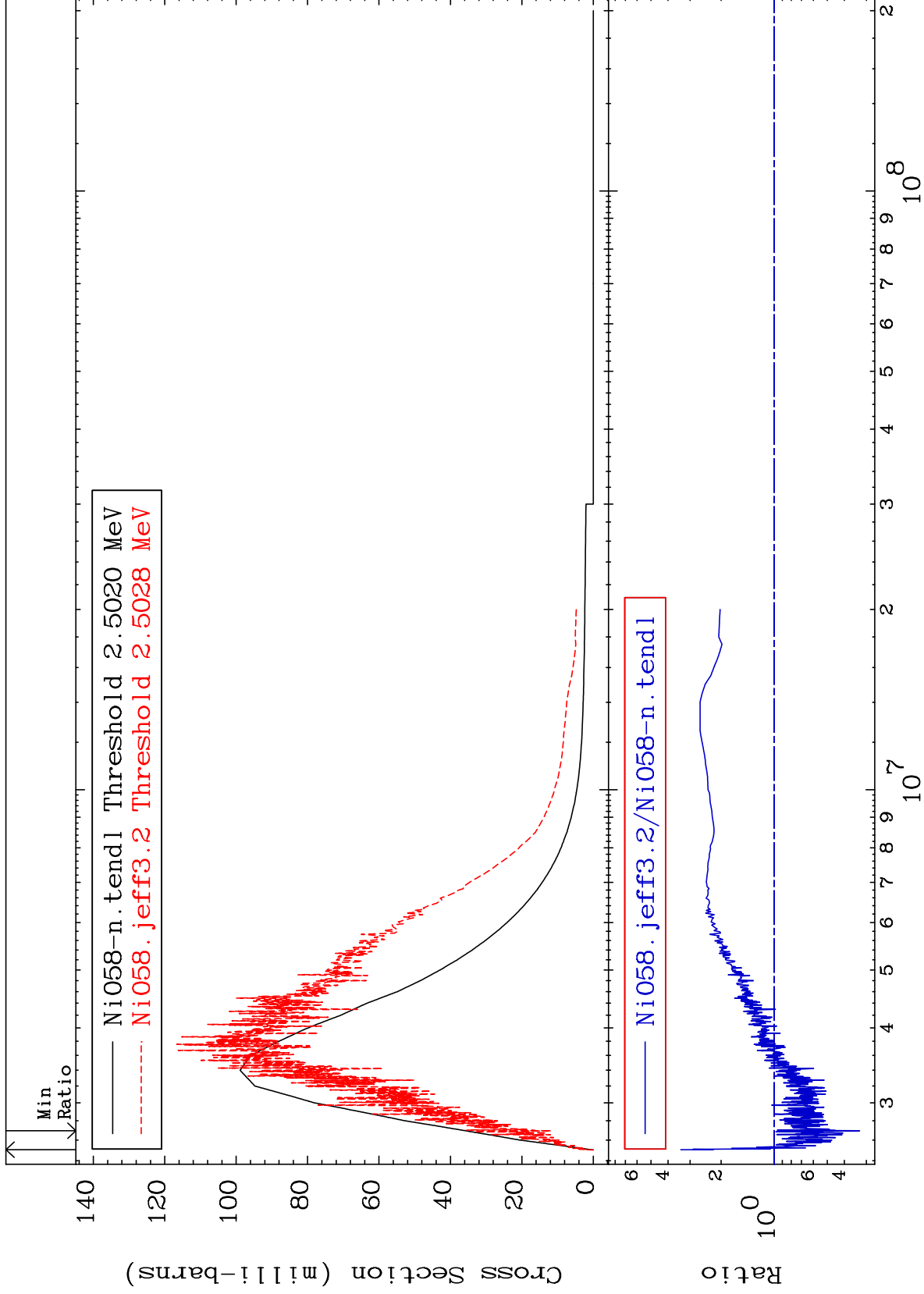
28-Ni-58
-74.22 To 9999. %



MAT 2825

2.459 MeV (n,n') Level
Cross Section

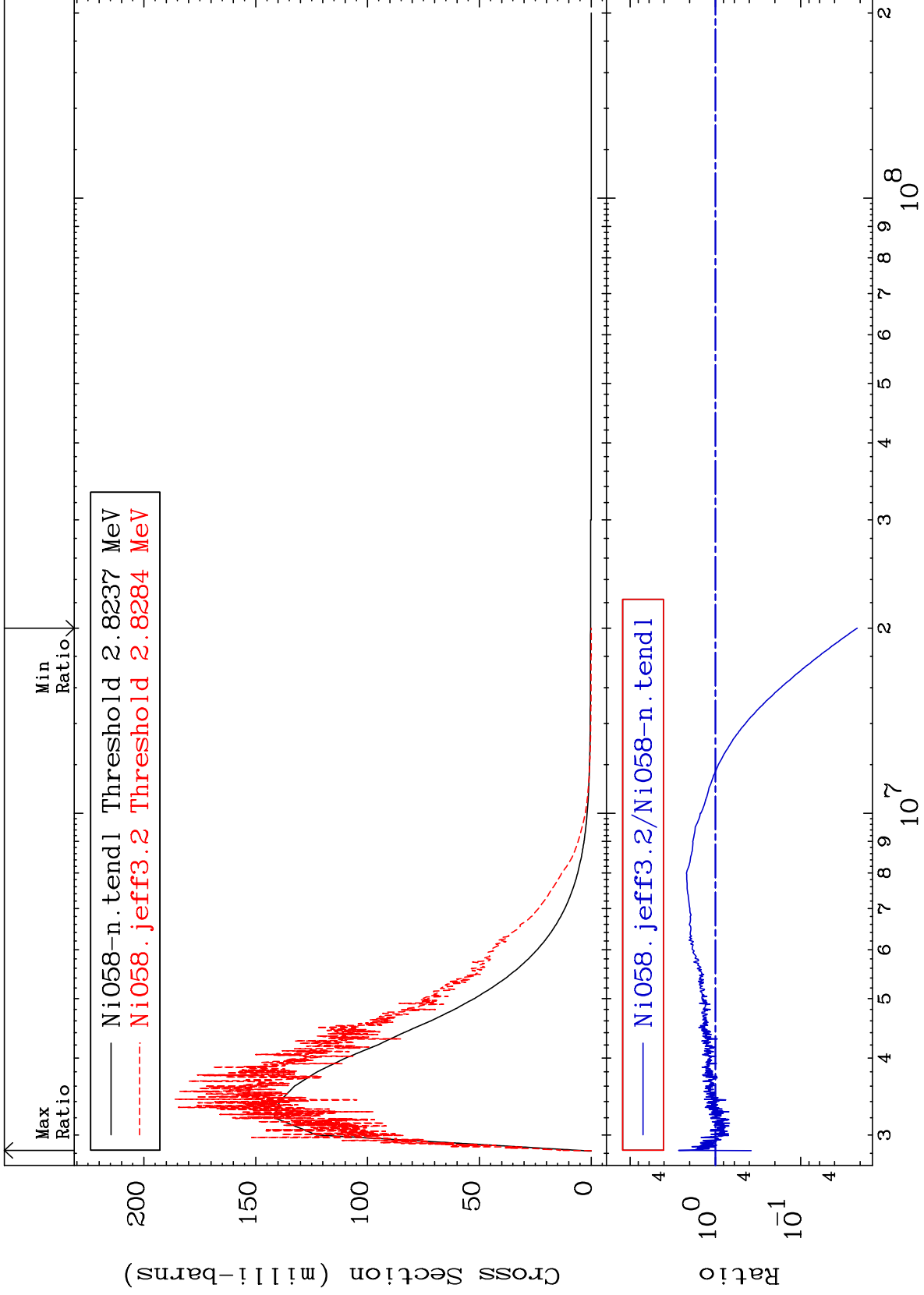
28-Ni-58
-67.20 To 239.0 %



MAT 2825

2.775 MeV (n,n') Level
Cross Section

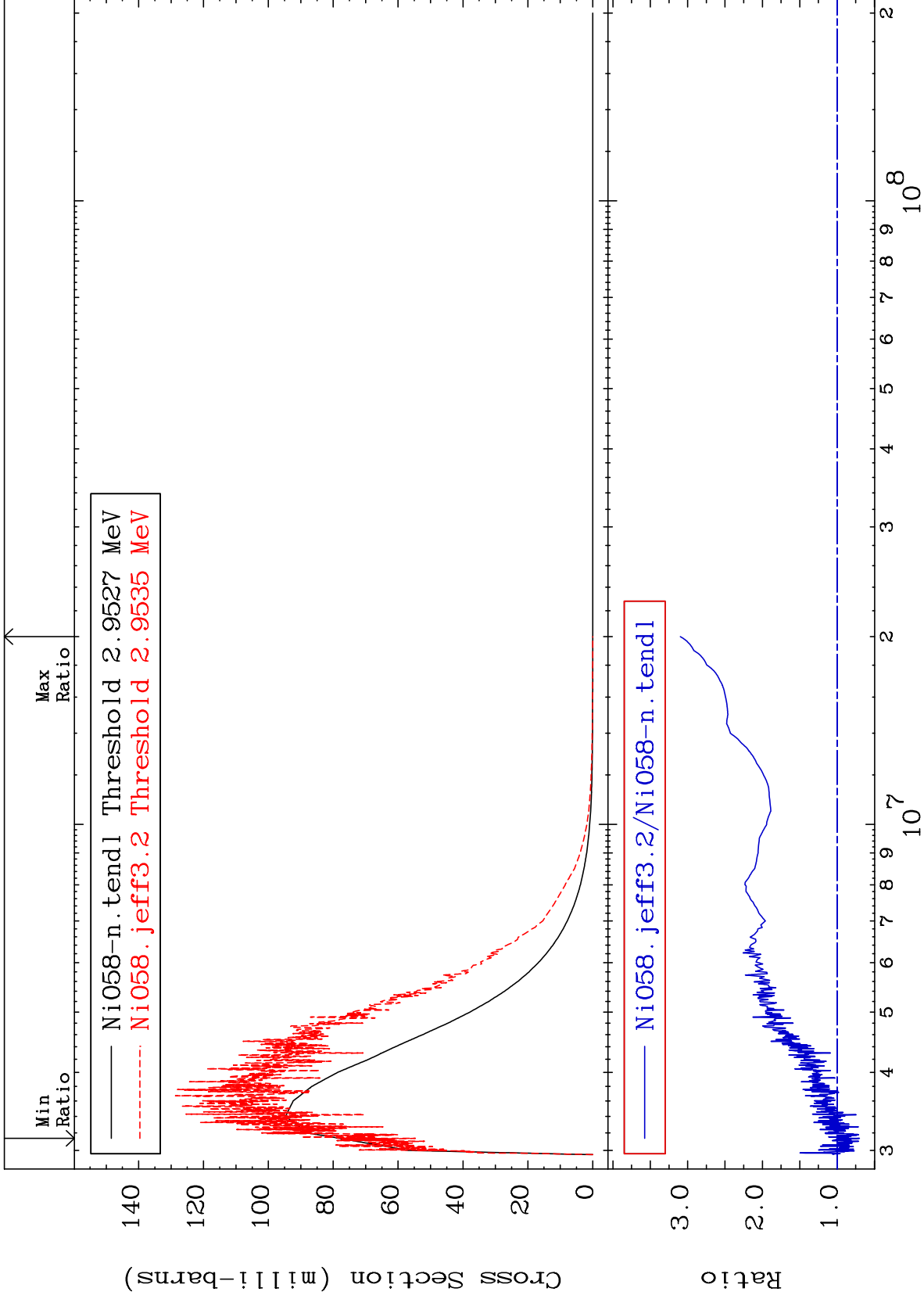
28-Ni-58
-97.83 To 169.5 %



MAT 2825

2.902 MeV (n,n') Level
Cross Section

28-Ni-58
-29.91 To 209.8 %



10

28-Ni-58

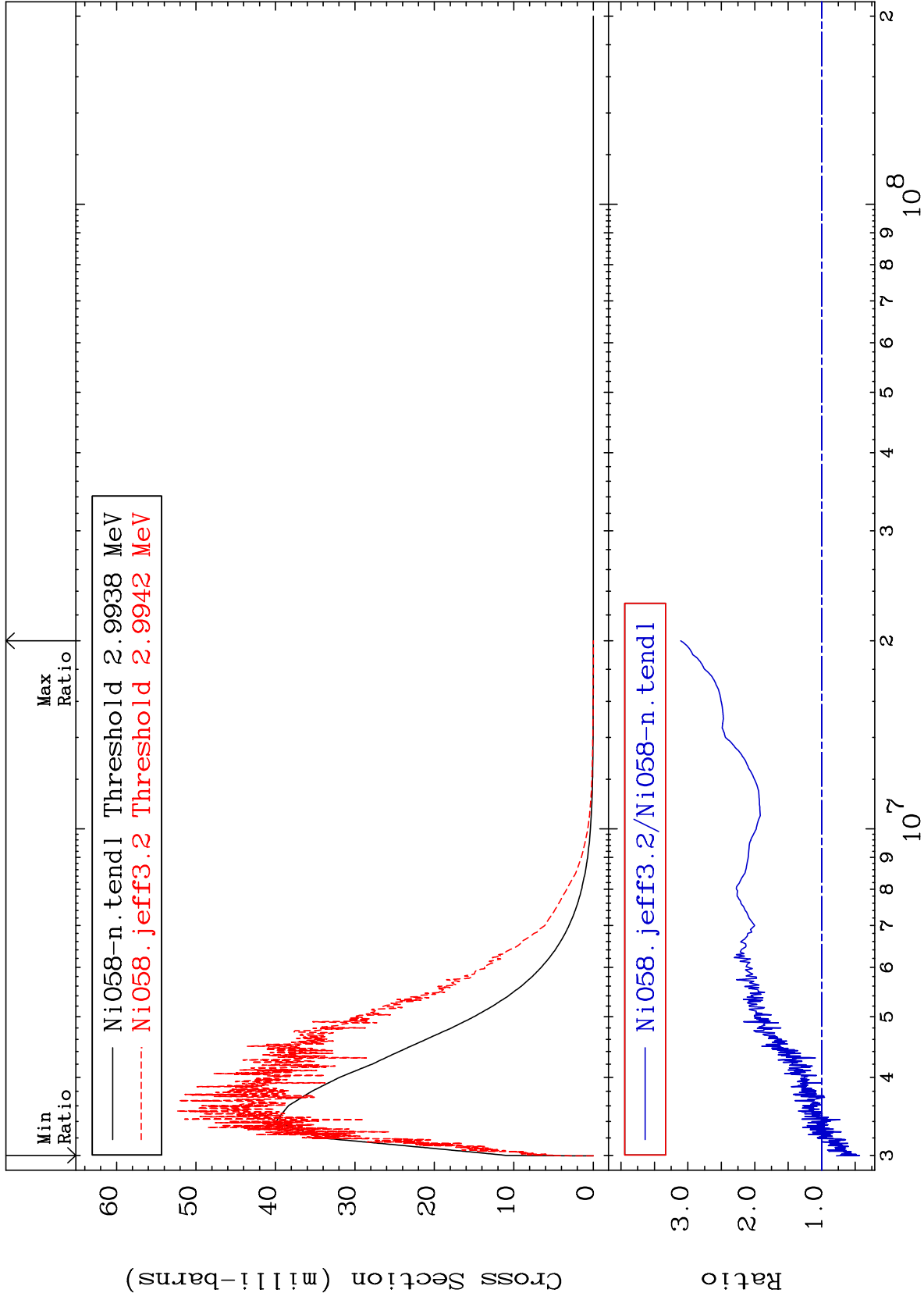
28-Ni-58

MAT 2825

2.943 MeV (n,n') Level

28-Ni-58

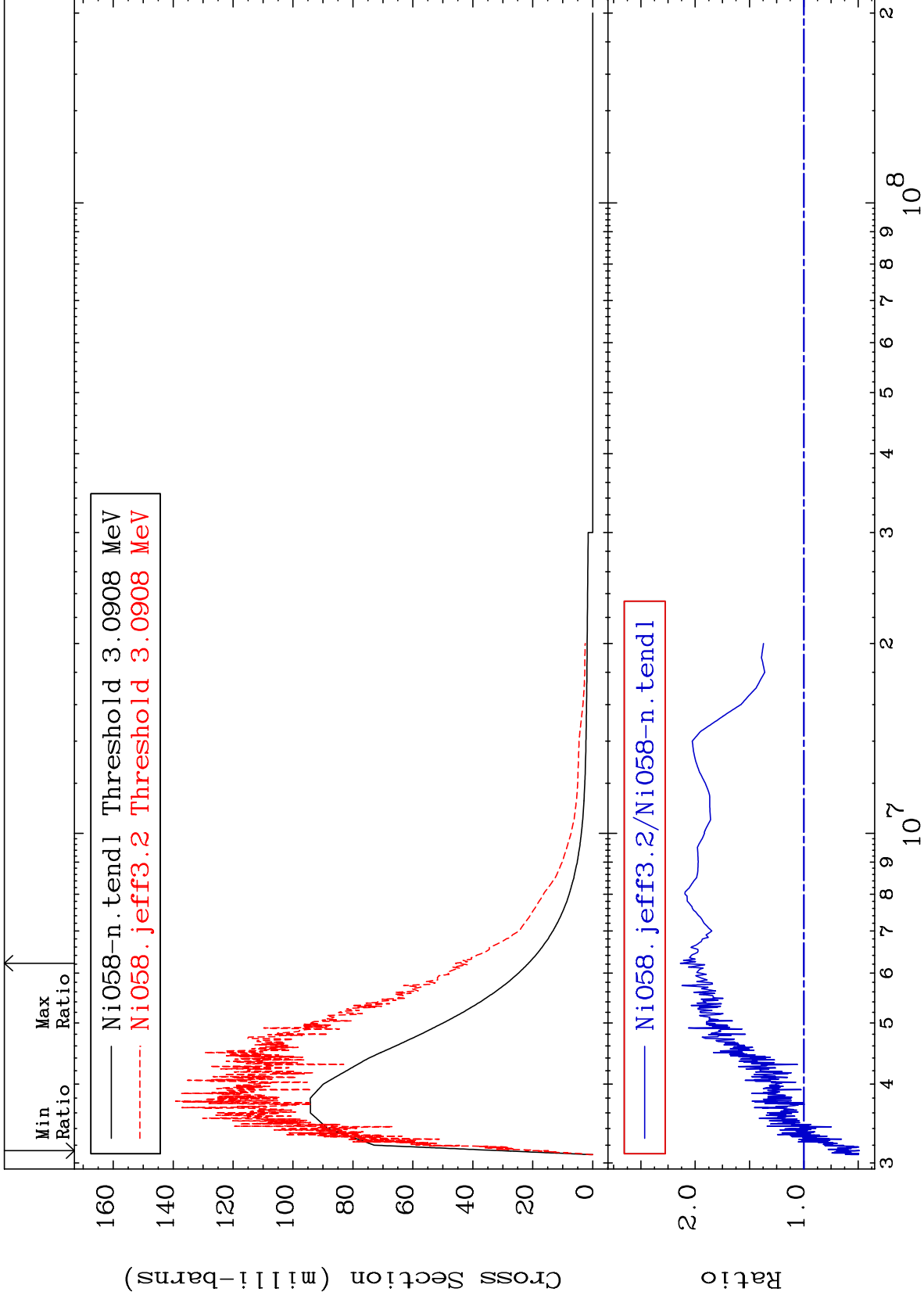
-56.63 To 210.6 %



MAT 2825

3.038 MeV (n,n') Level
Cross Section

28-Ni-58
-51.13 To 113.7 %



12

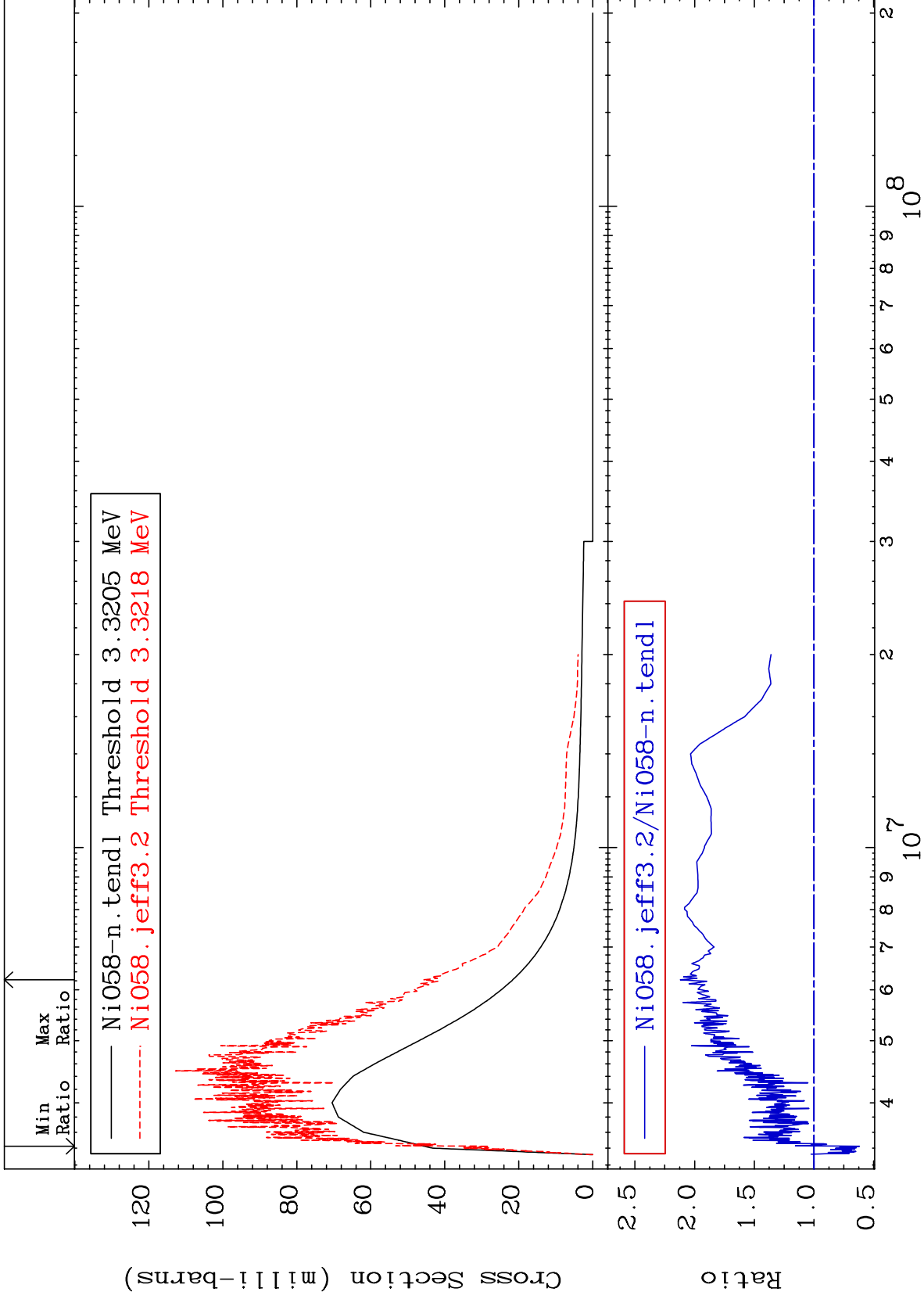
Incident Energy (eV)

28-Ni-58

MAT 2825

3.264 MeV (n,n') Level
Cross Section

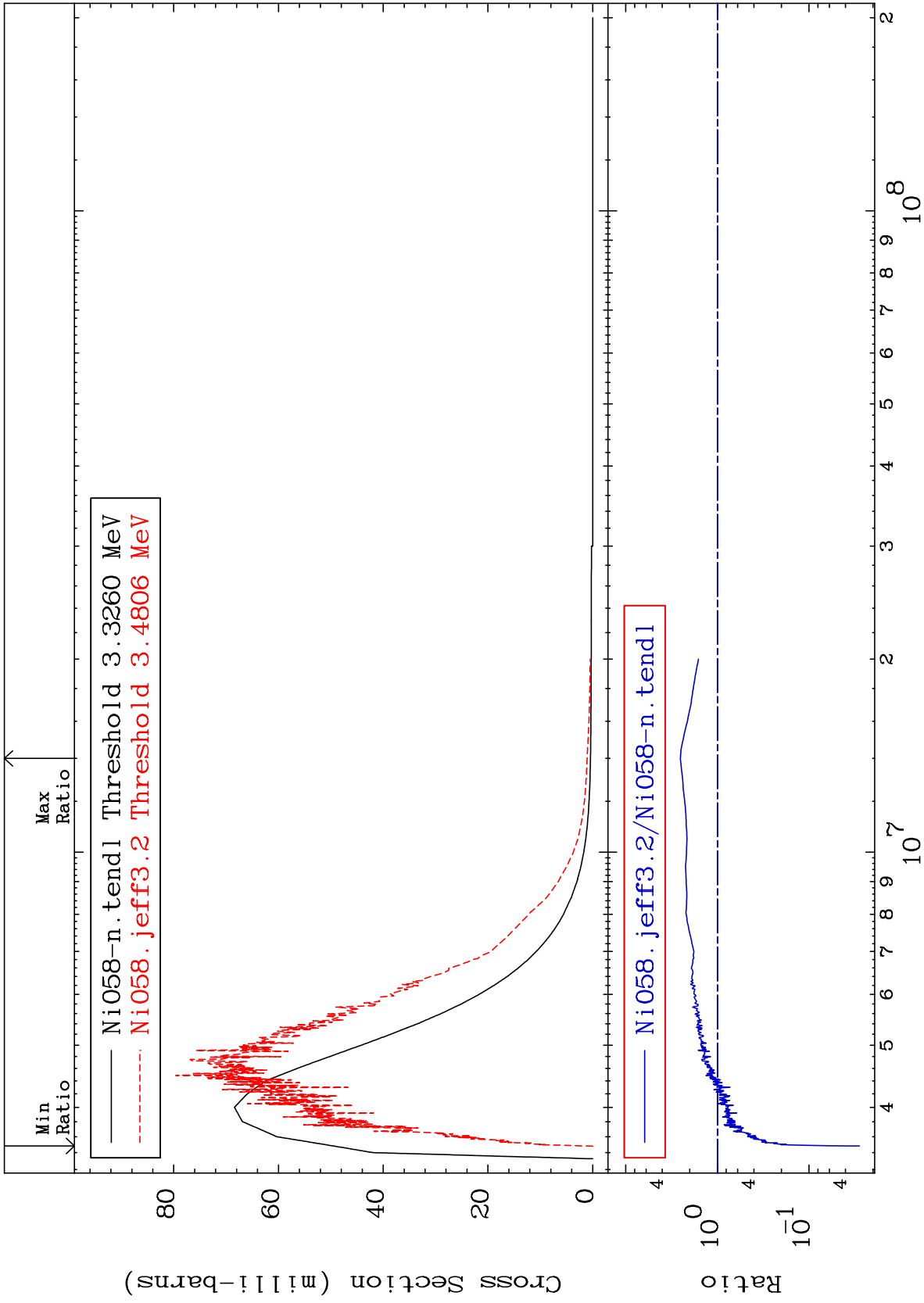
28-Ni-58
-38.07 To 111.9 %



MAT 2825

3.269 MeV (n,n') Level
Cross Section

28-Ni-58
-97.18 To 153.4 %



14

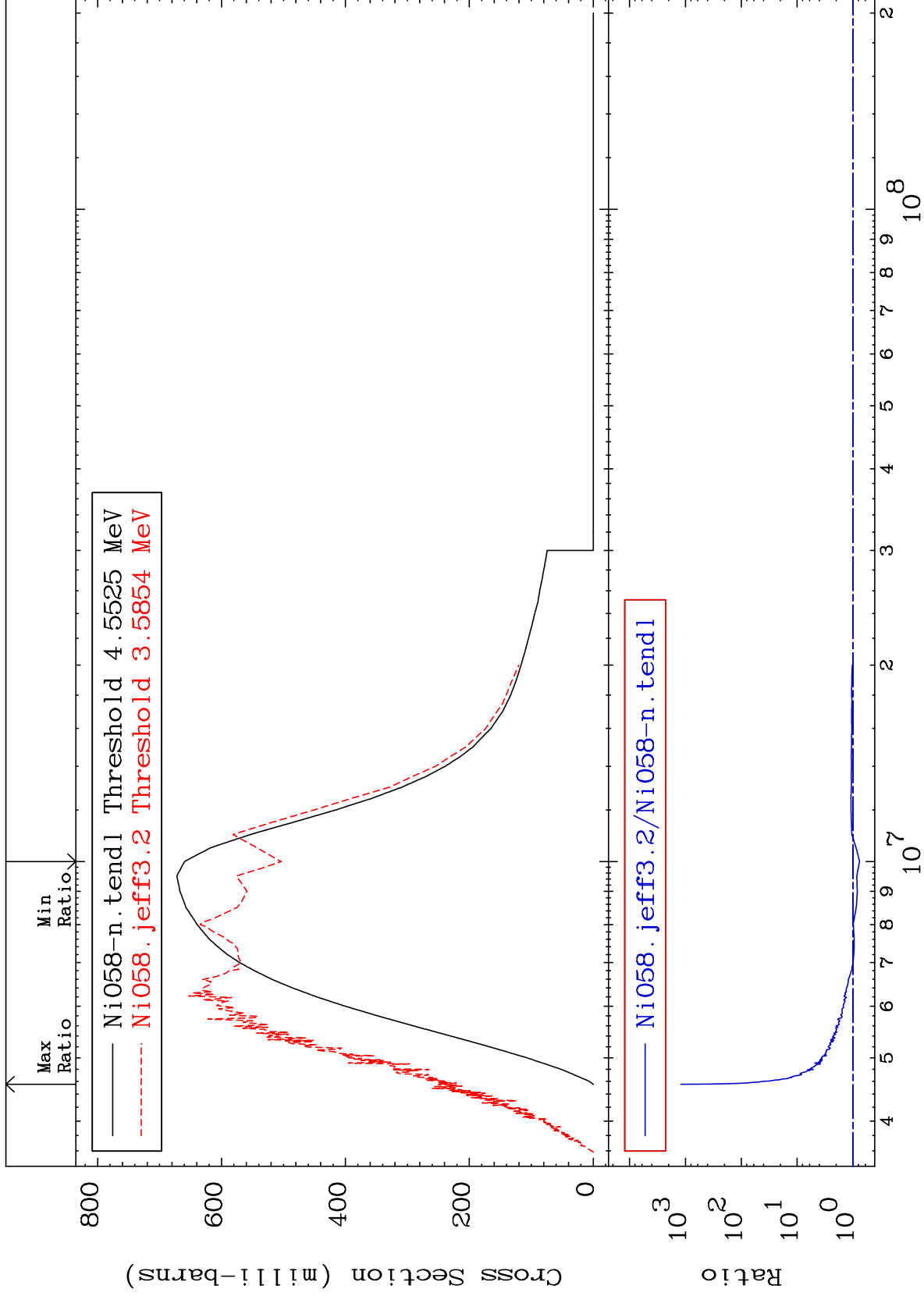
Incident Energy (eV)

28-Ni-58

MAT 2825

(n, n') Continuum
Cross Section

28-Ni-58
-23.64 To 9999. %



15

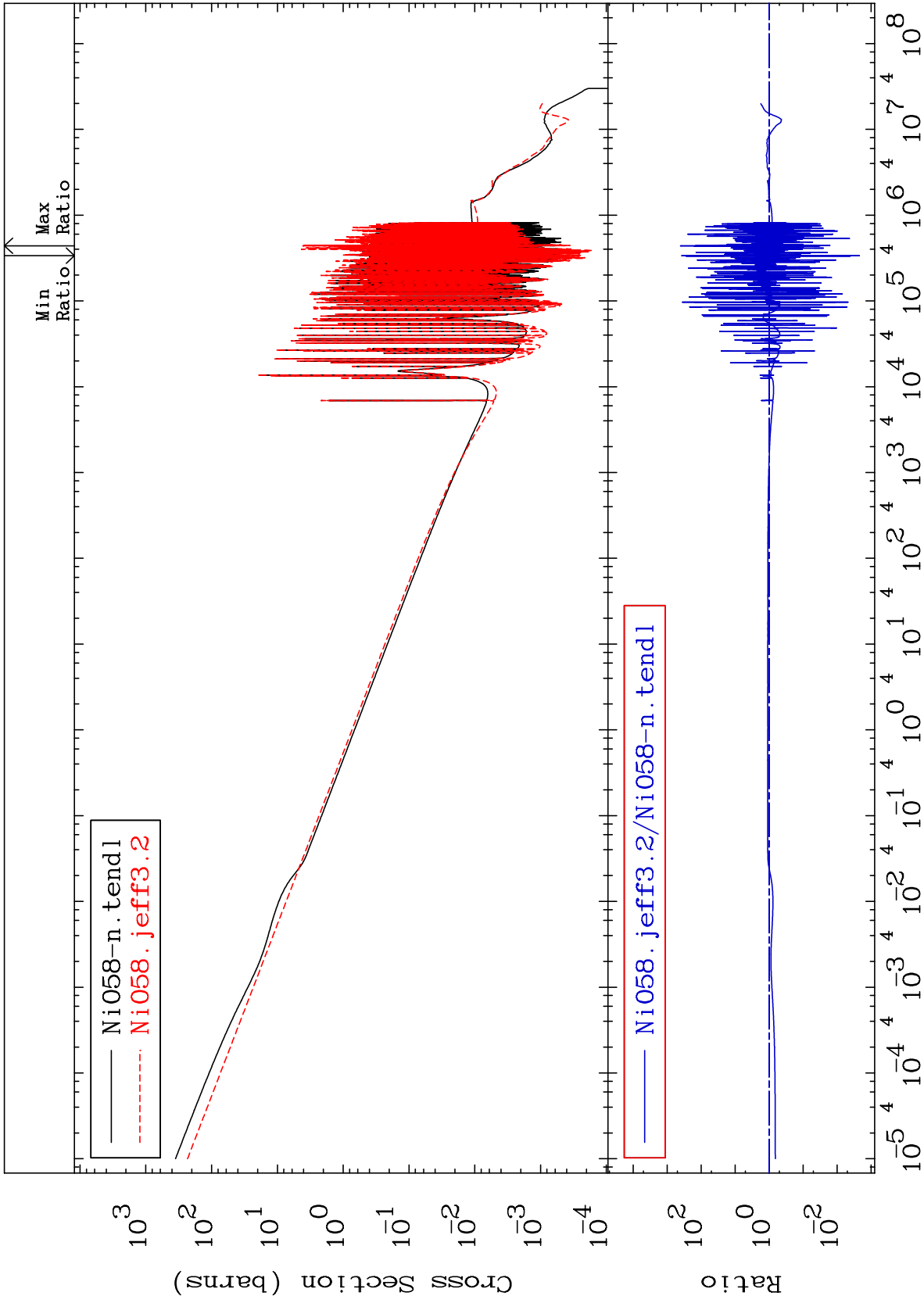
Incident Energy (eV)

28-Ni-58

MAT 2825

(n, γ)
Cross Section

28-Ni-58
-99.78 To 9999. %



16

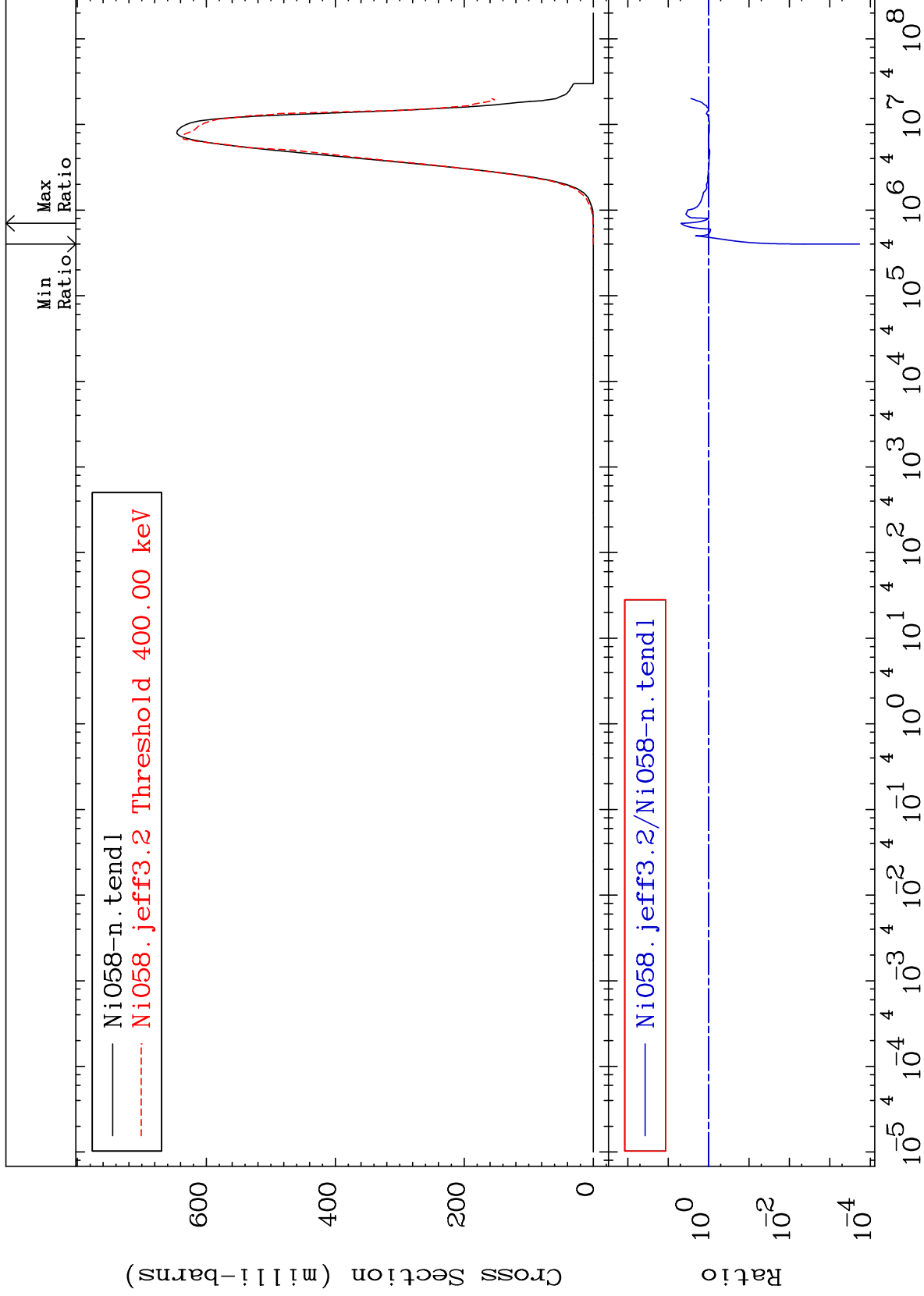
Incident Energy (eV)

28-Ni-58

MAT 2825

(n,p)
Cross Section

28-Ni-58
-99.98 To 388.2 %



17

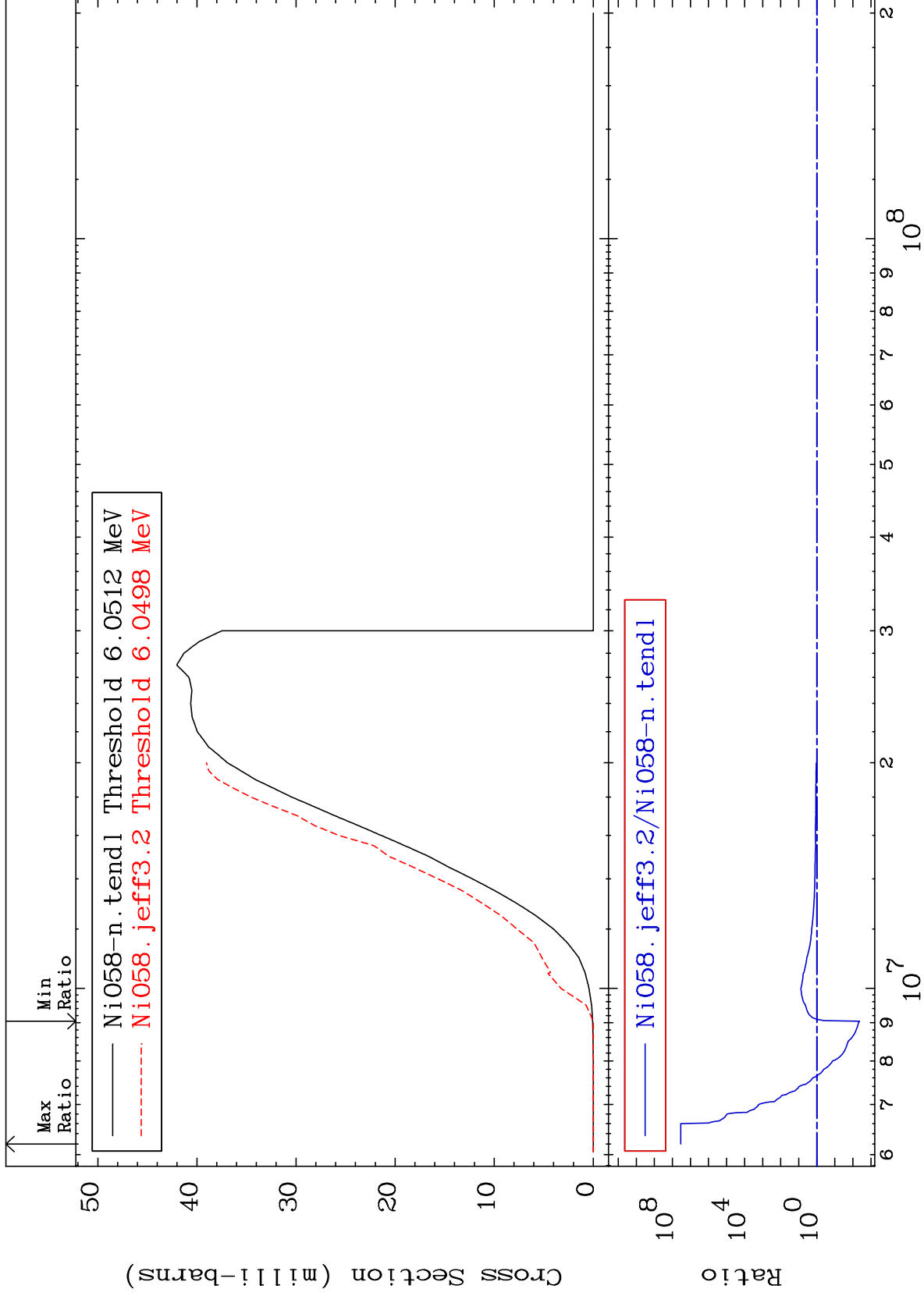
Incident Energy (eV)

28-Ni-58

MAT 2825

(n, d)
Cross Section

28-Ni-58
-99.57 To 9999. %



18

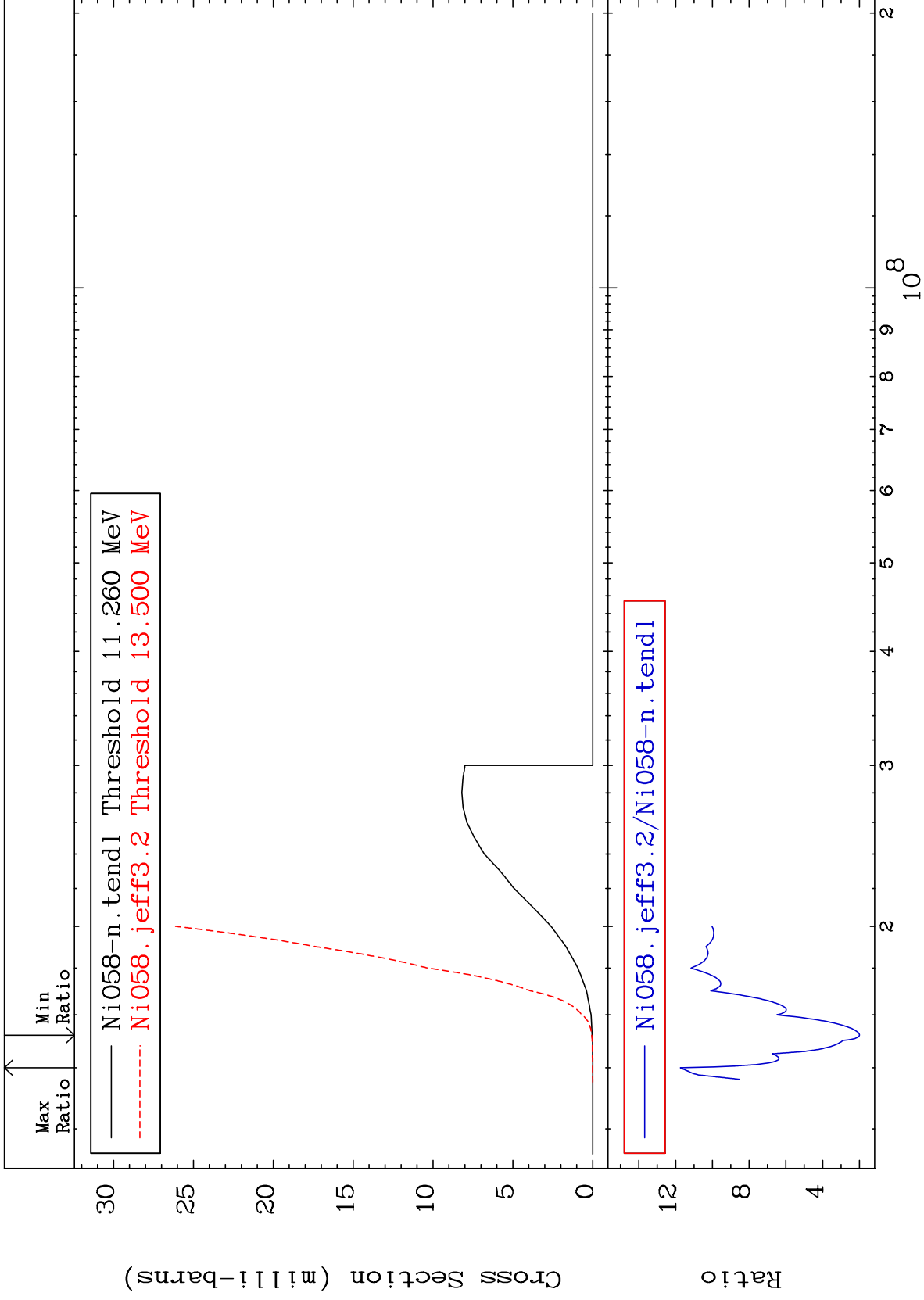
Incident Energy (eV)

28-Ni-58

MAT 2825

(n, t)
Cross Section

28-Ni-58
99.69 To 1074. %



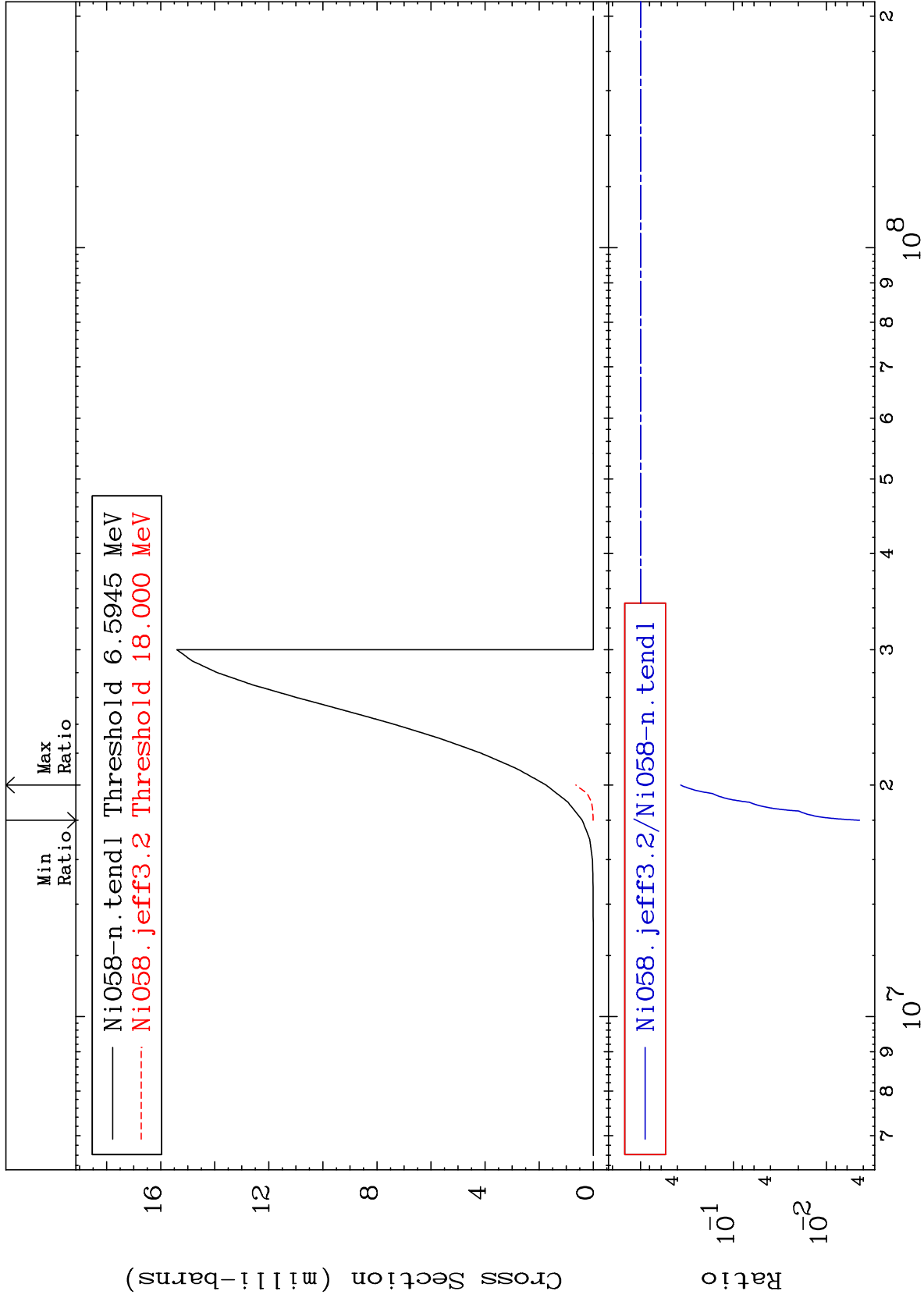
MAT 2825

(n, He-3)

28-Ni-58

Cross Section

-99.56 To -63.17%



20

Incident Energy (eV)

28-Ni-58

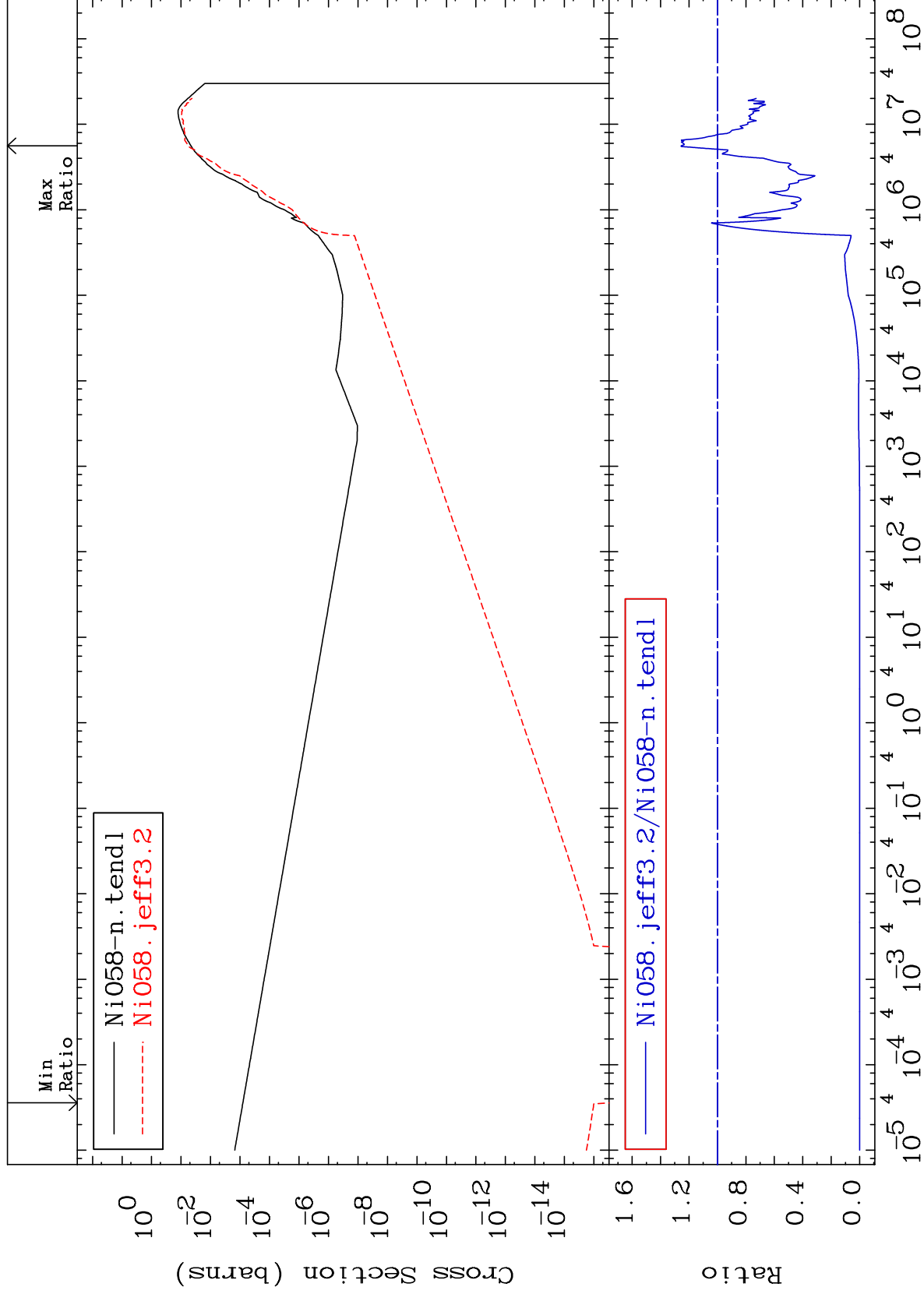
MAT 2825

(n, α)

28-Ni-58

Cross Section

-100.0 To 25.49 %



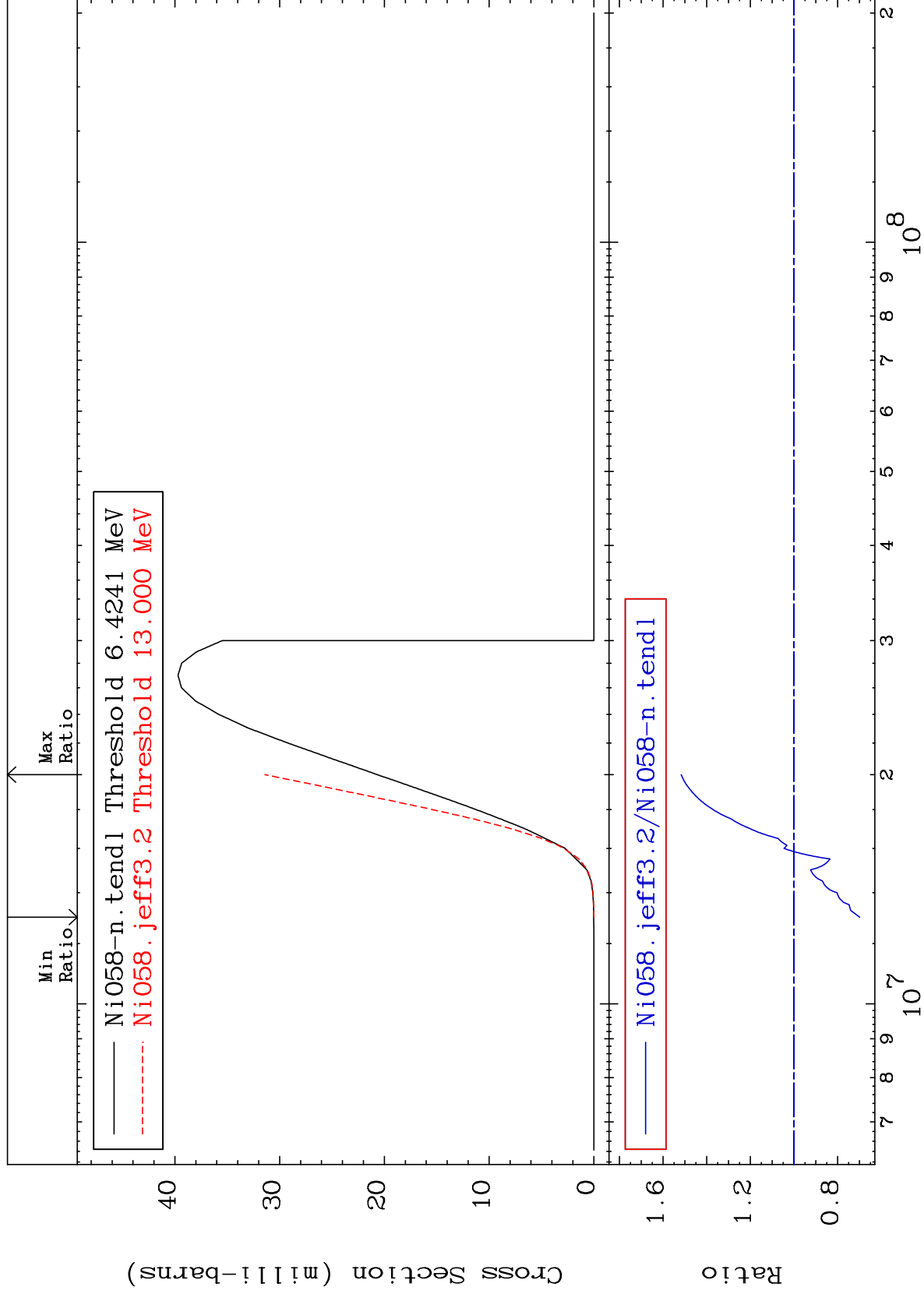
21

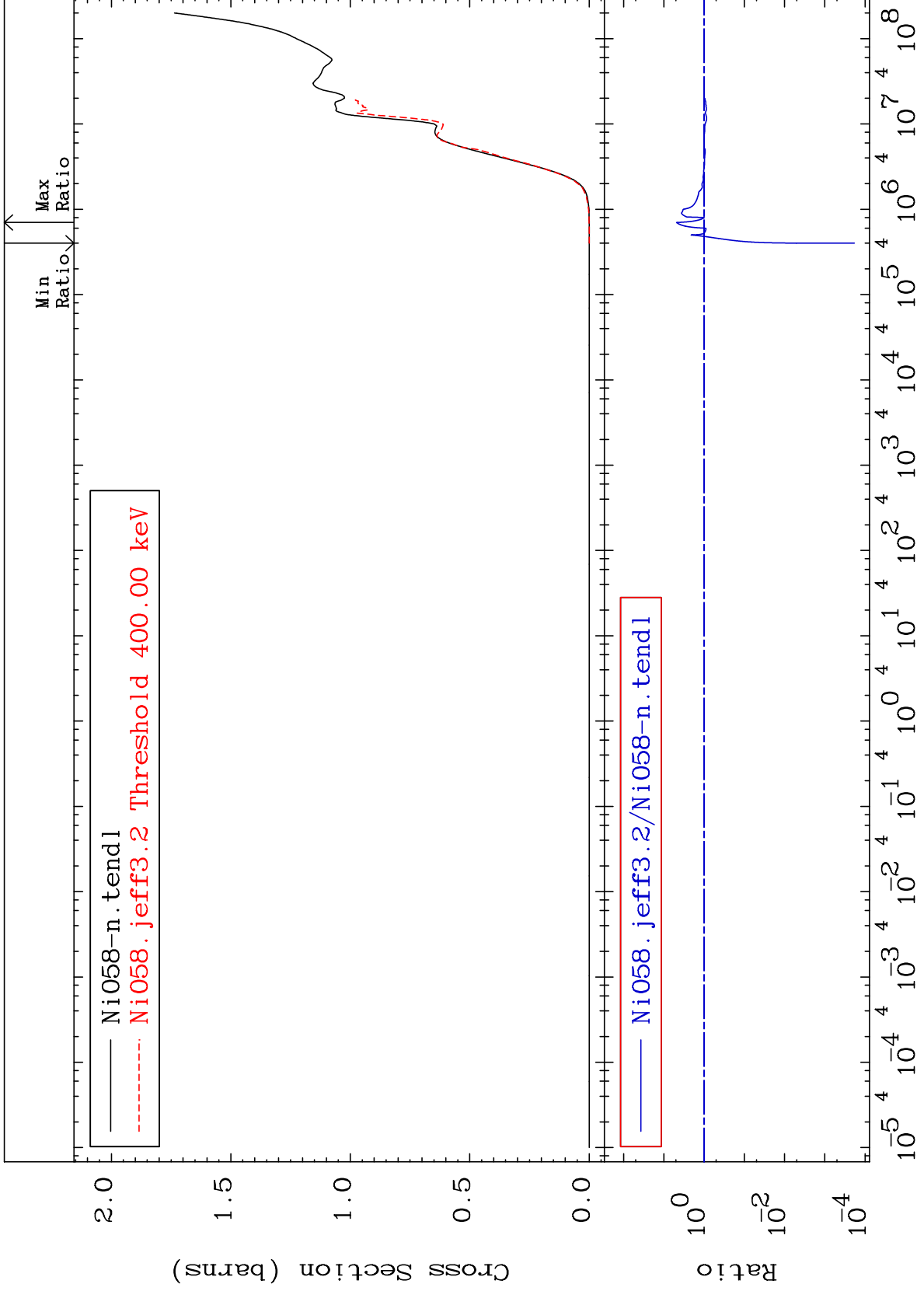
Incident Energy (eV)

28-Ni-58

MAT 2825

(n, p) α Cross Section
28-Ni-58
-30.07 To 51.70 %

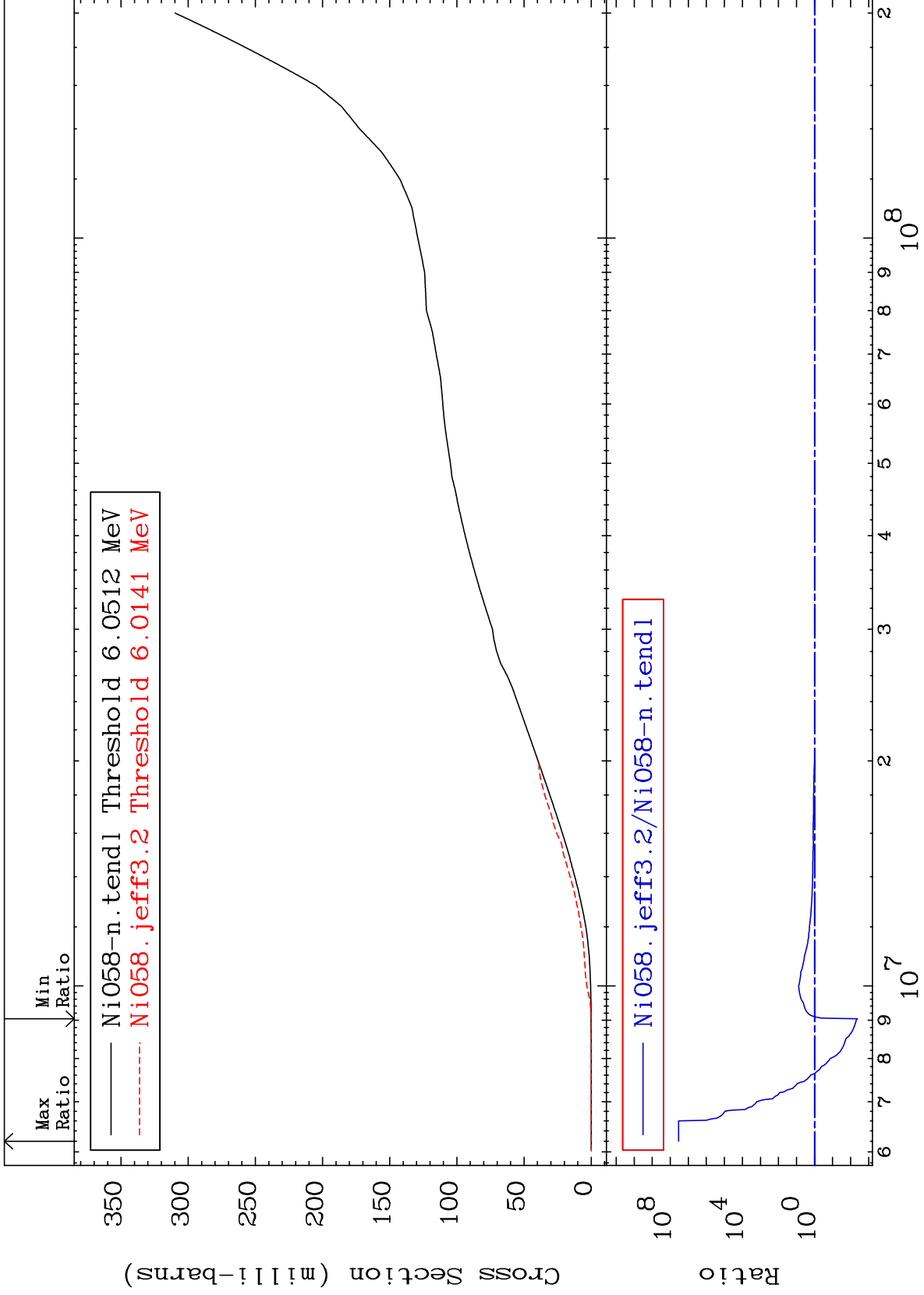


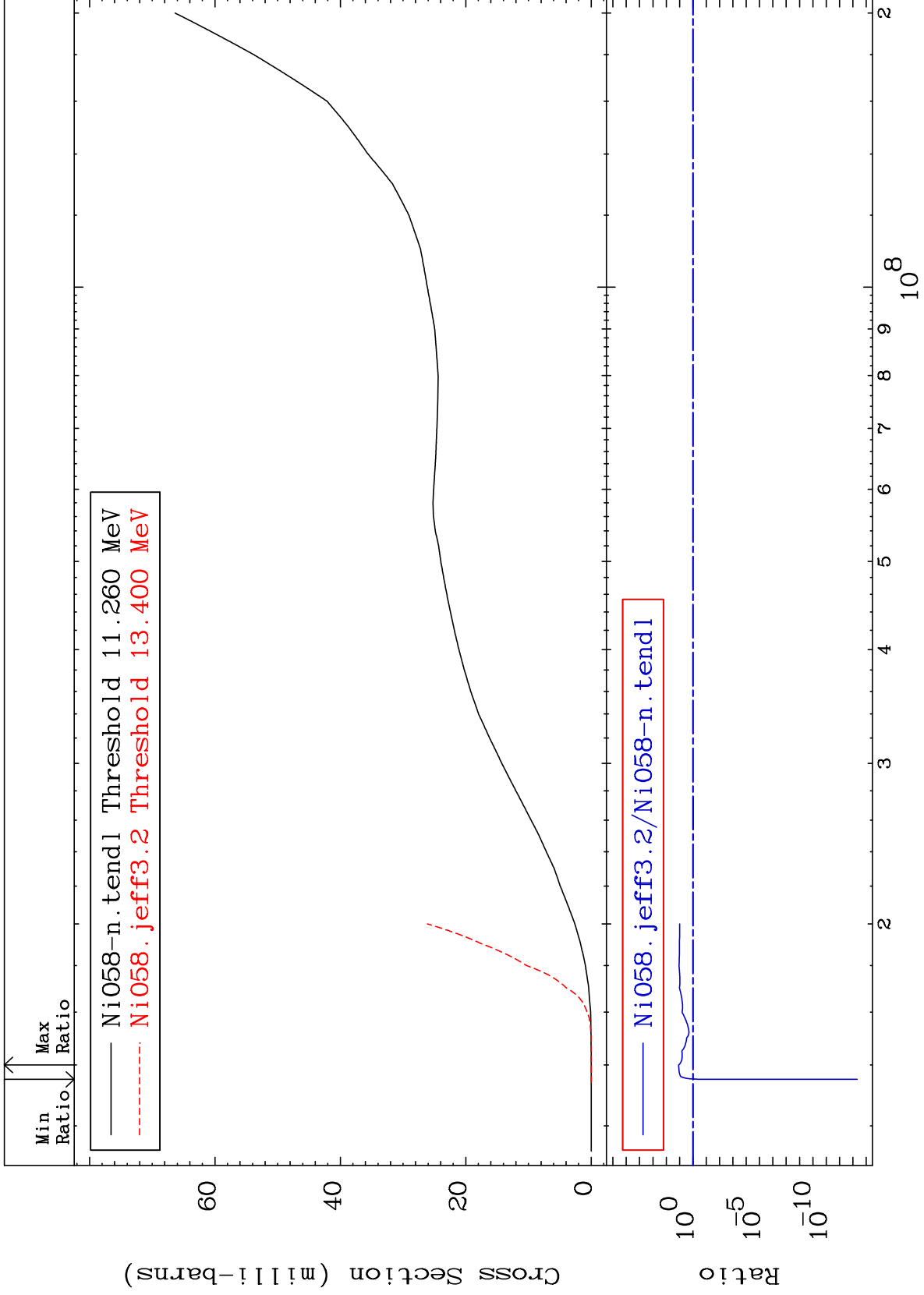


MAT 2825

Deuterium Production
Cross Section

28-Ni-58
-99.57 To 9999. %

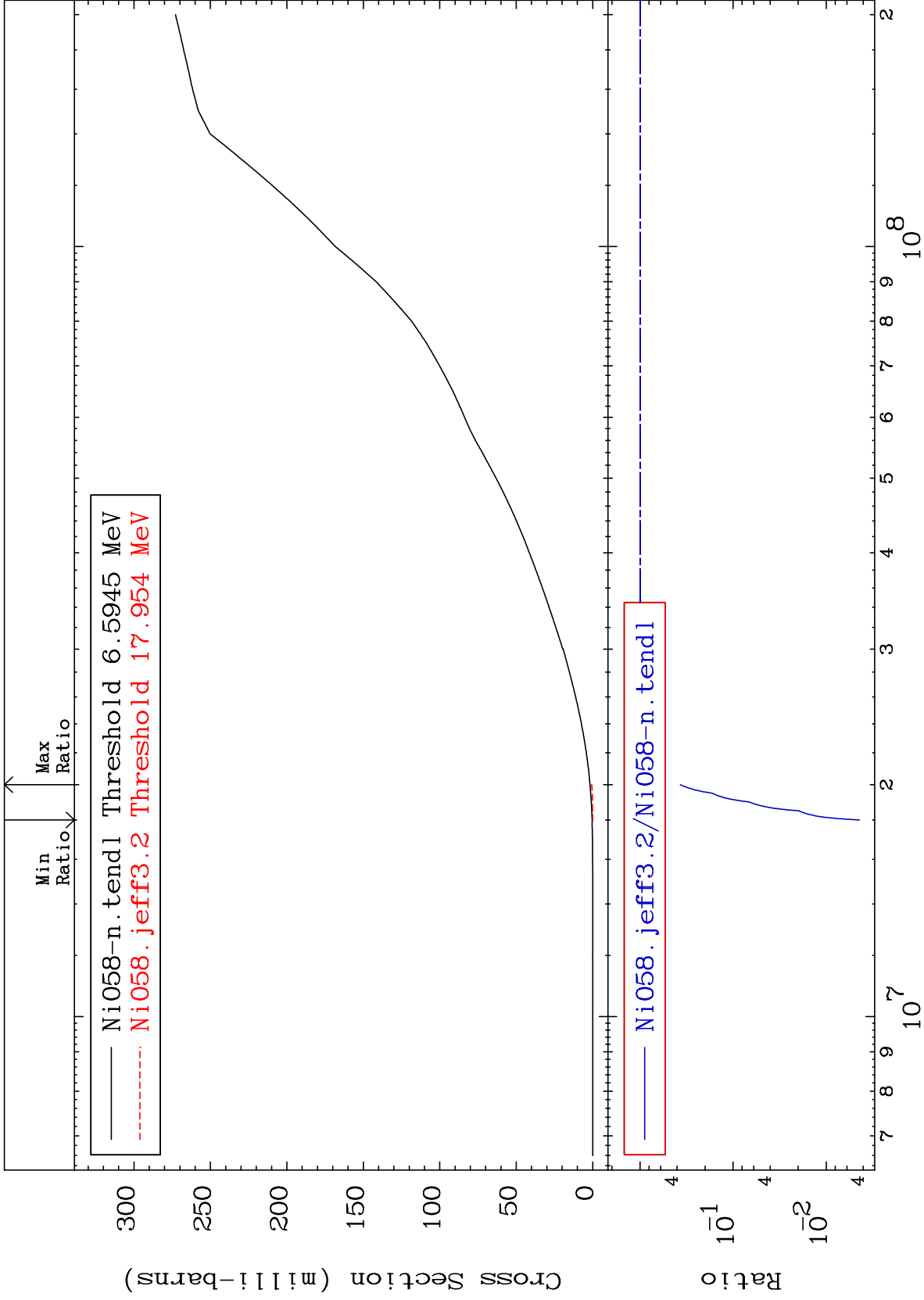




MAT 2825

He-3 Production
Cross Section

28-Ni-58
-99.56 To -63.17%



26

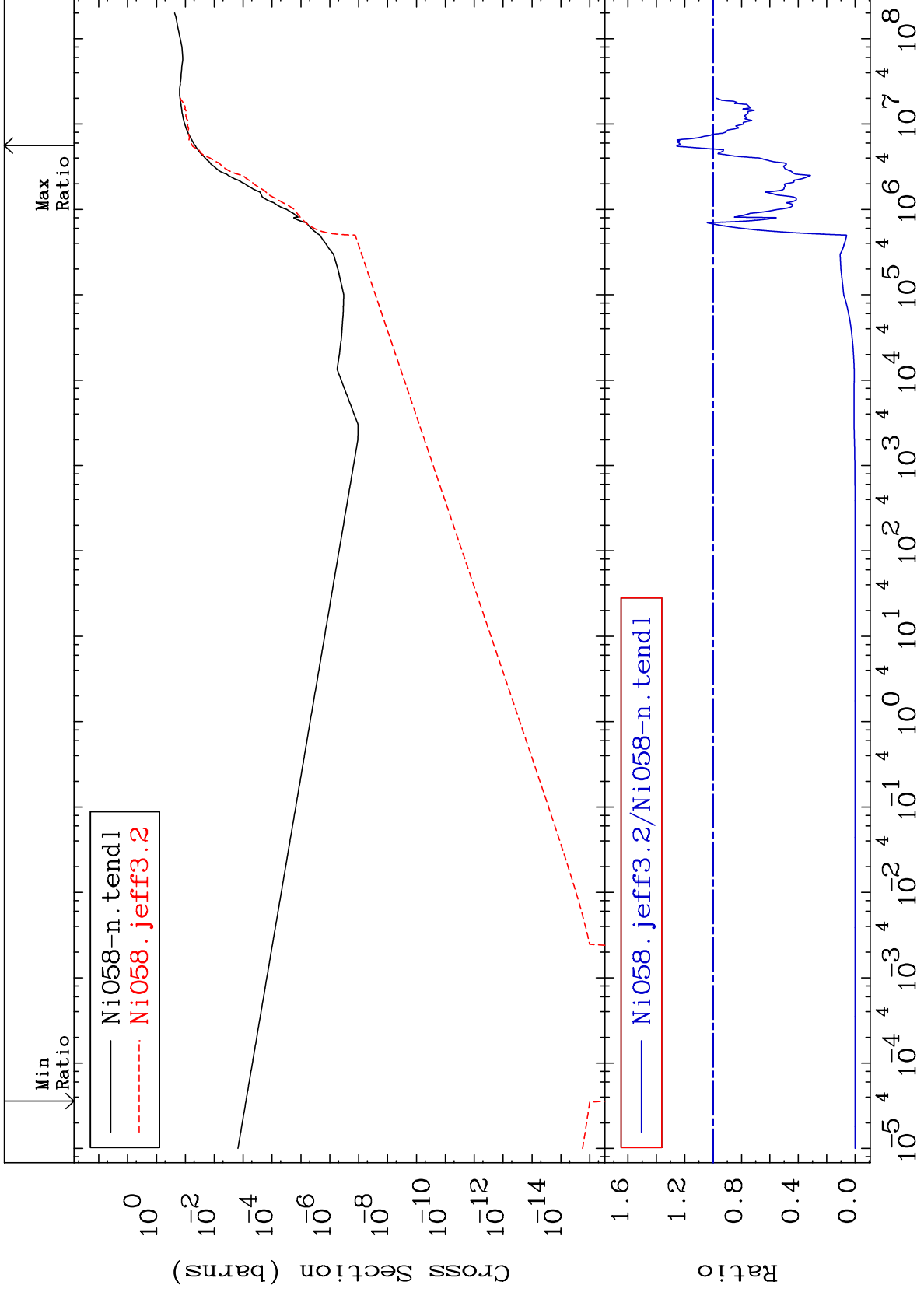
Incident Energy (eV)

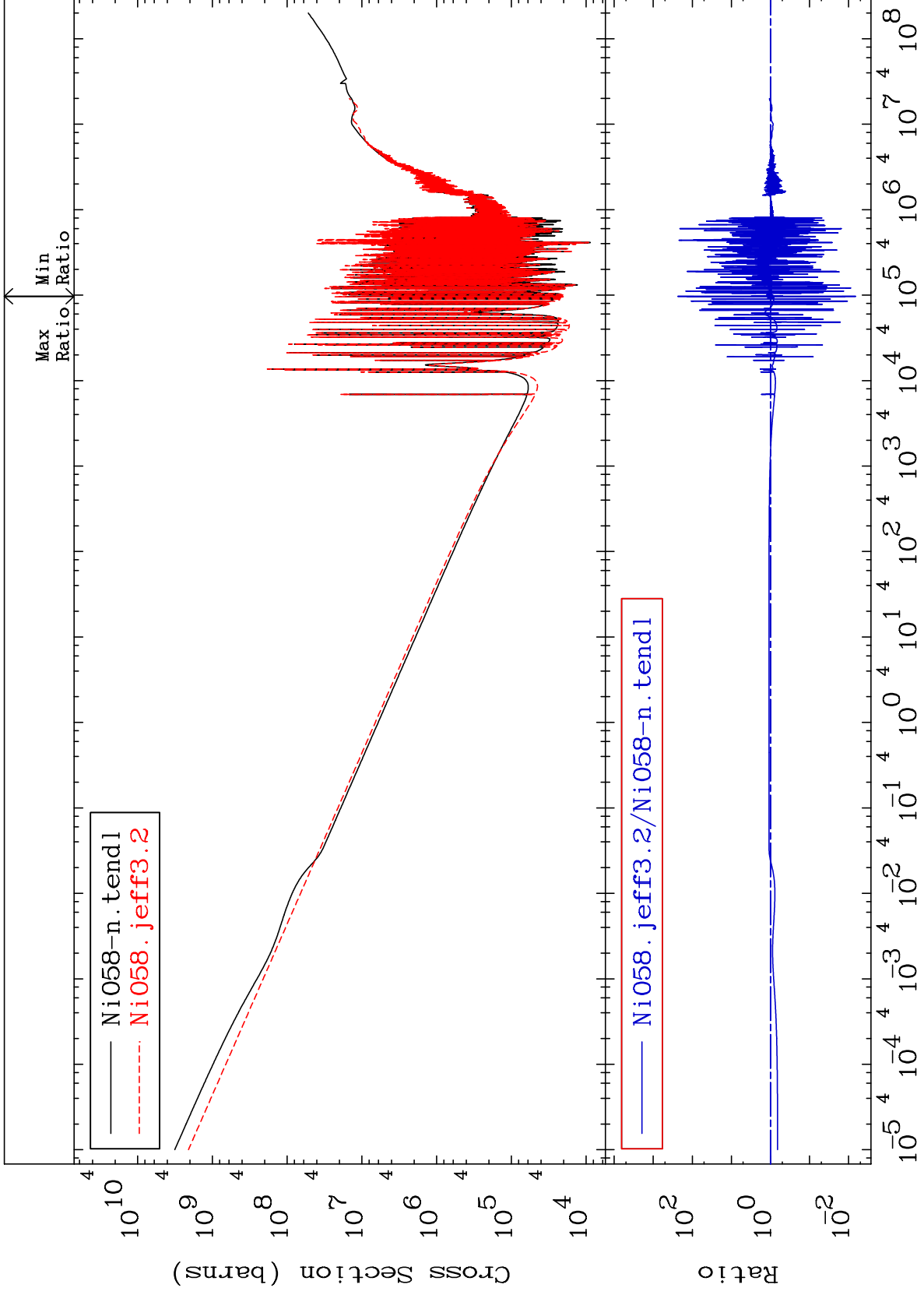
28-Ni-58

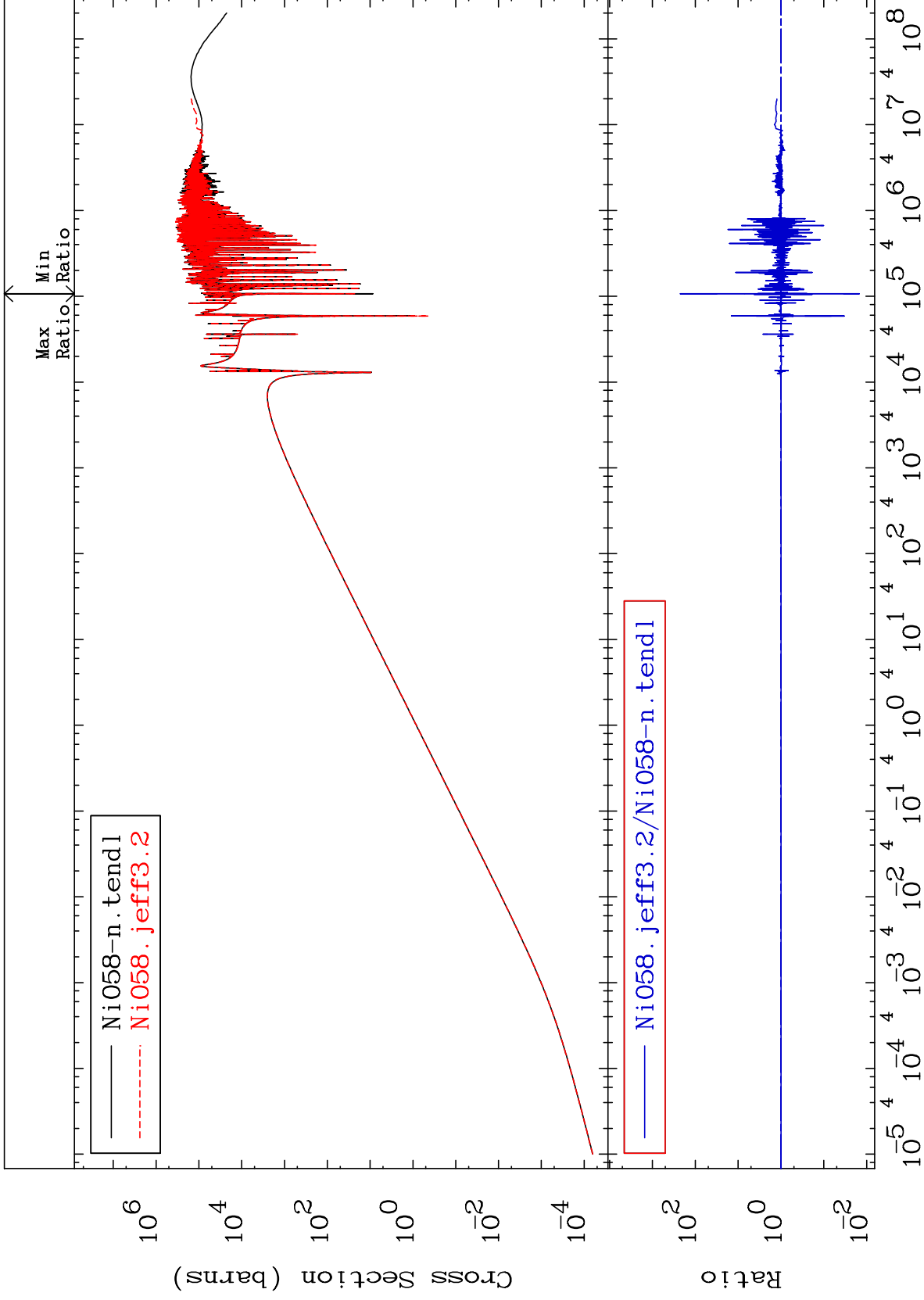
MAT 2825

He-4 Production
Cross Section

28-Ni-58
-100.0 To 25.49 %



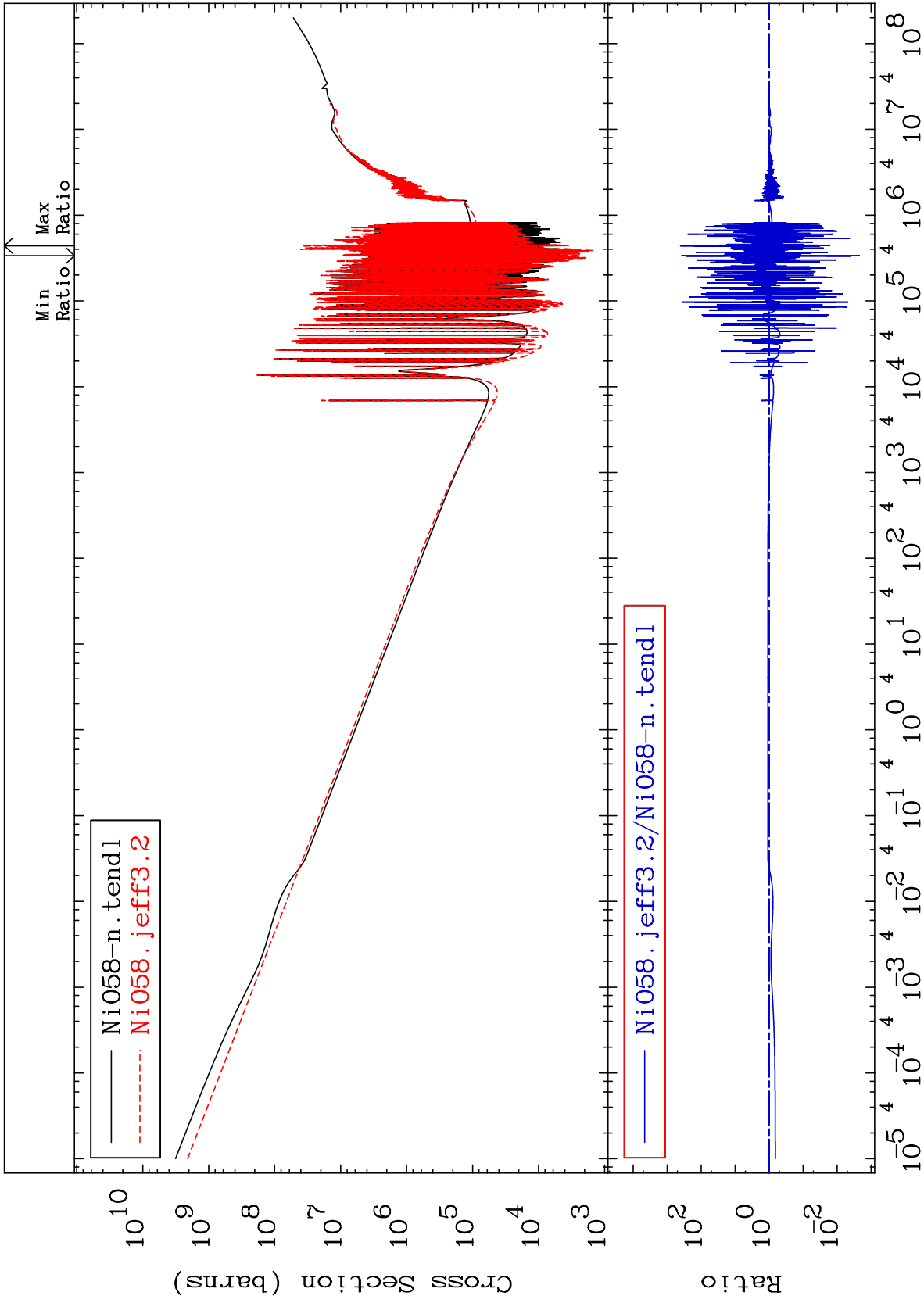




MAT 2825

Kerma non-elastic (all but mt2)
Cross Section

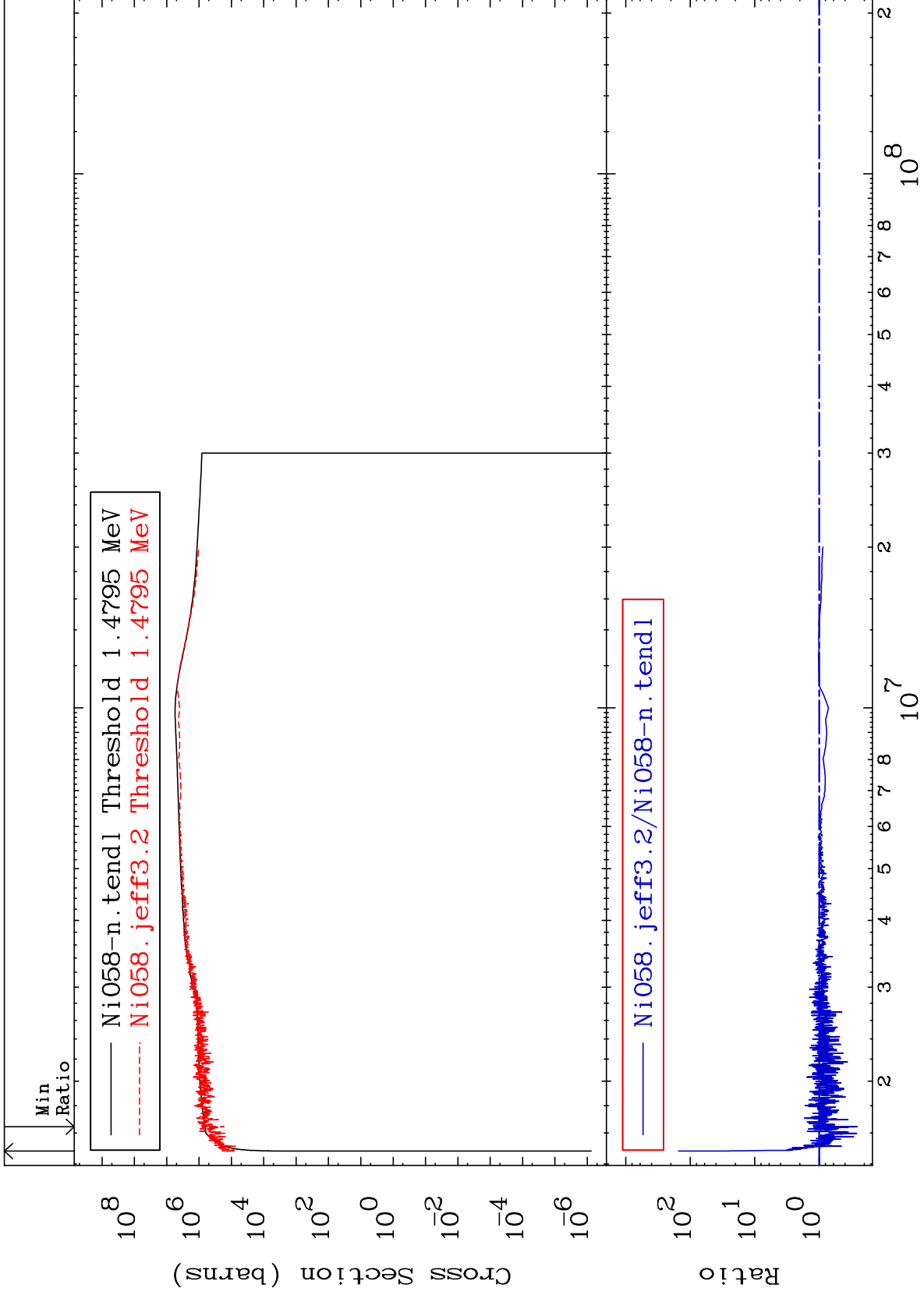
28-Ni-58
-99.78 To 9999. %

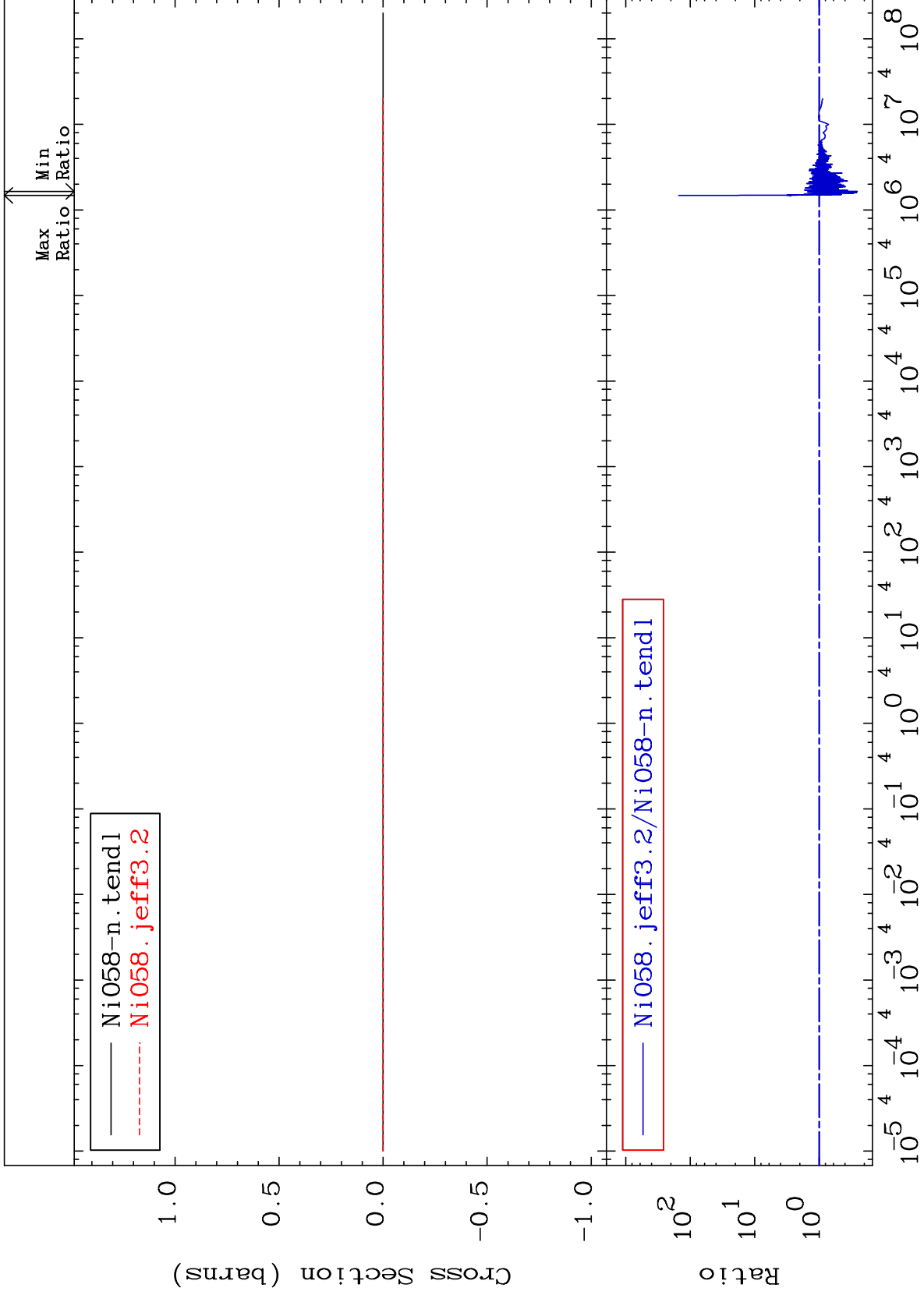


30

Incident Energy (eV)

28-Ni-58





MAT 2825

Kerma capture (mt102)
Cross Section

28-Ni-58
-99.78 To 9999. %

