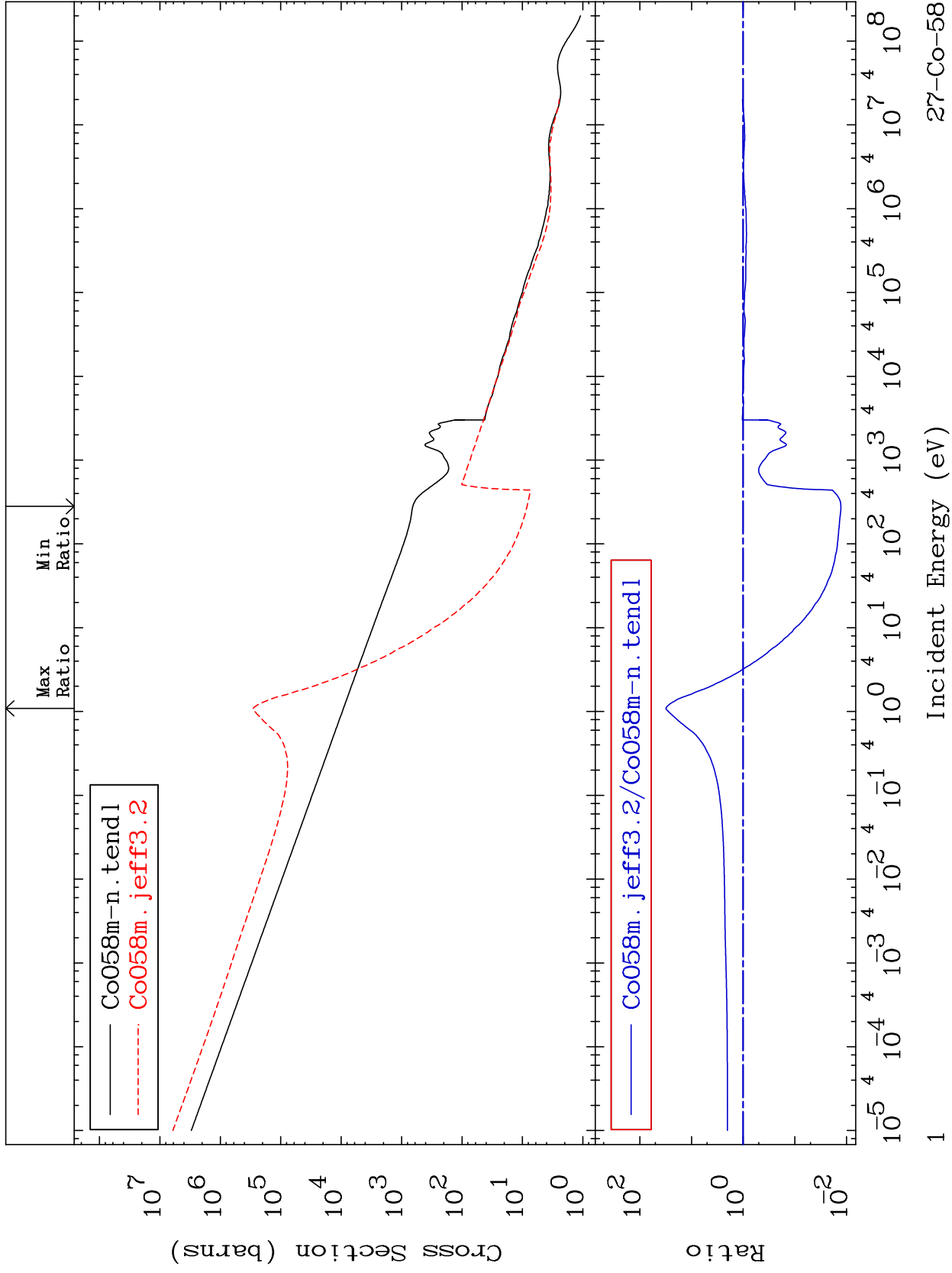


MAT 2723

Total Cross Section
27-Co-58
-98.71 To 3016. %

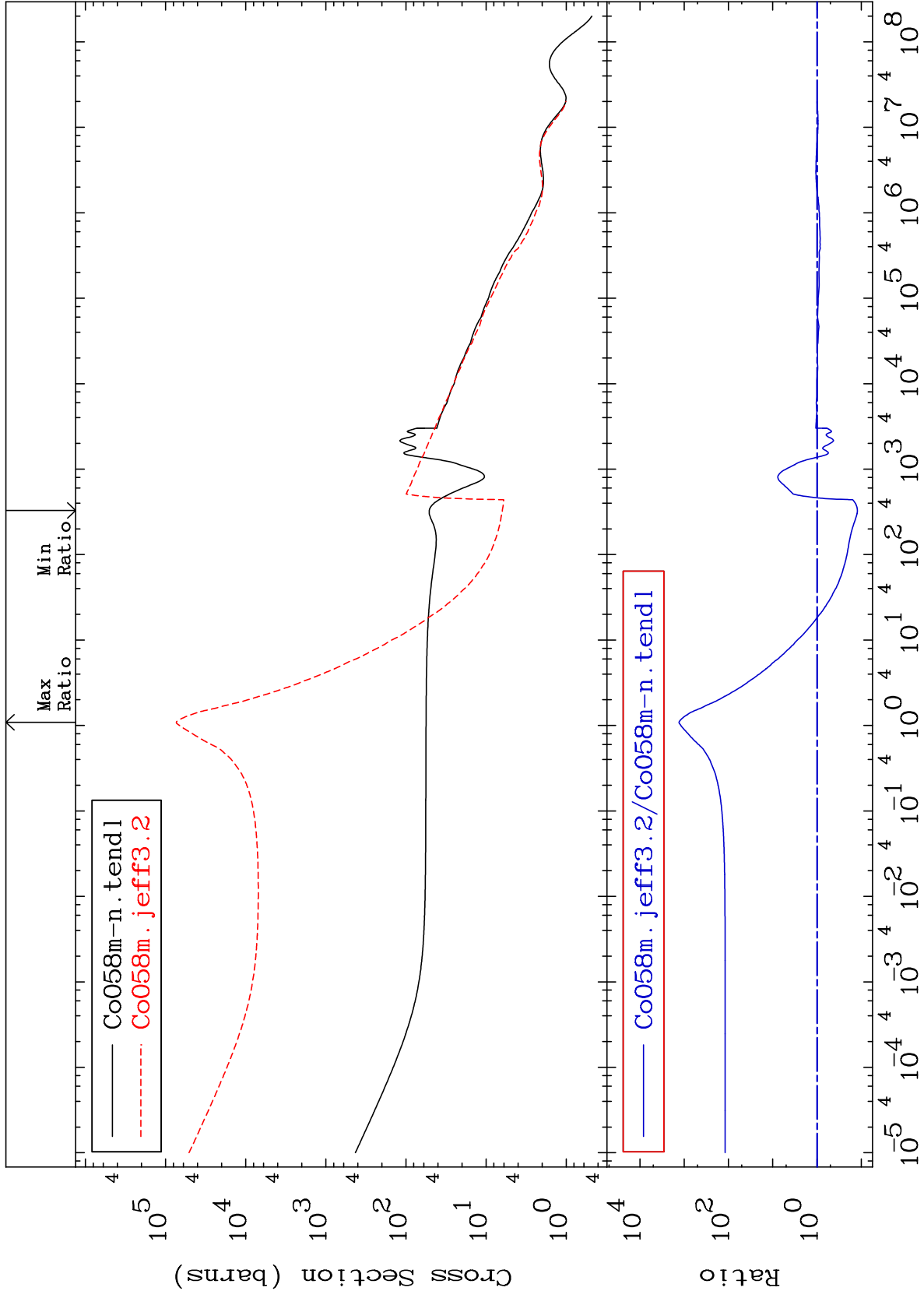


27-Co-58

MAT 2723

Elastic
Cross Section

27-Co-58
-87.77 To 9999. %



2

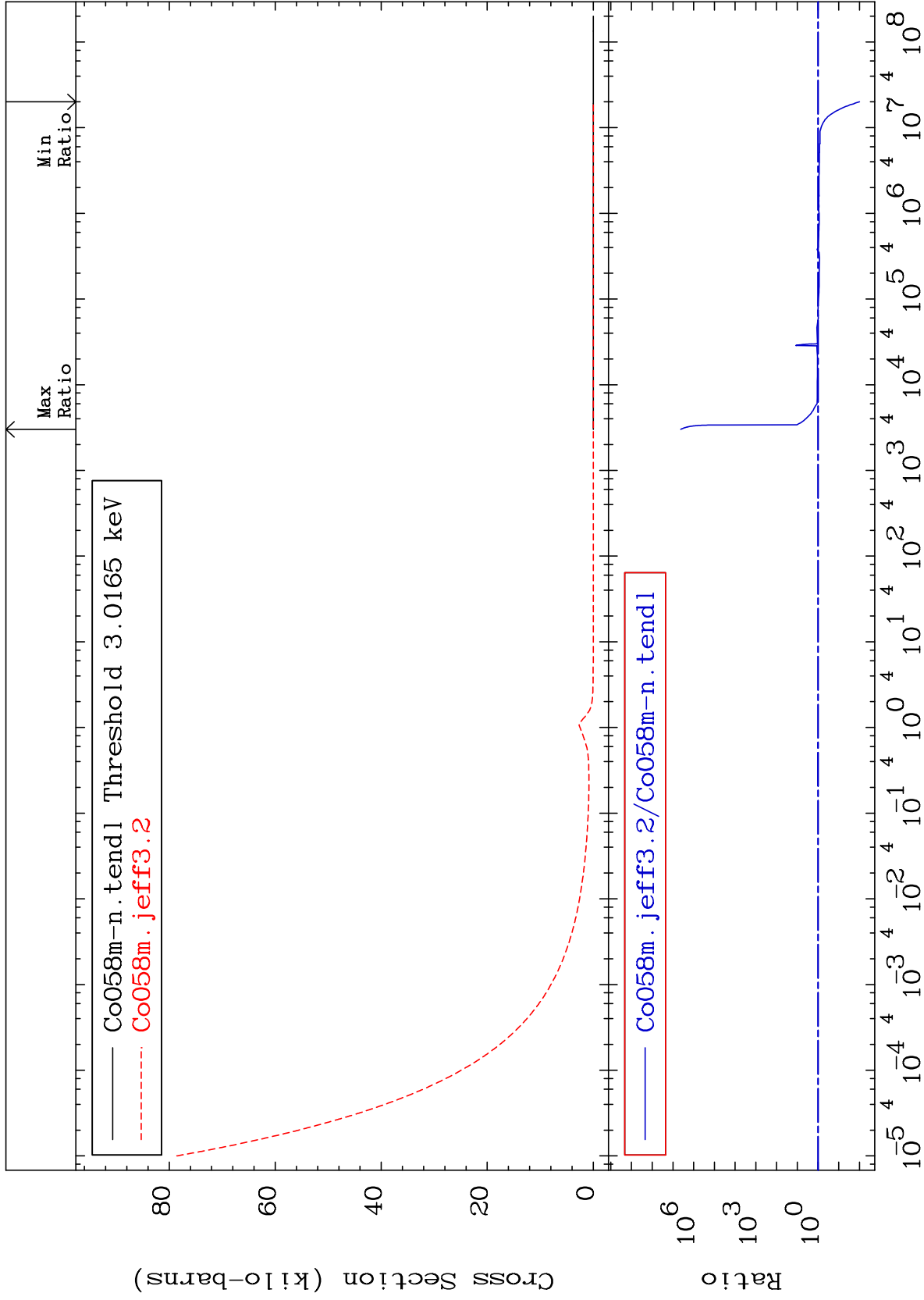
Incident Energy (eV)

27-Co-58

MAT 2723

Inelastic Cross Section

27-Co-58
-99.01 To 9999. %



Incident Energy (eV)

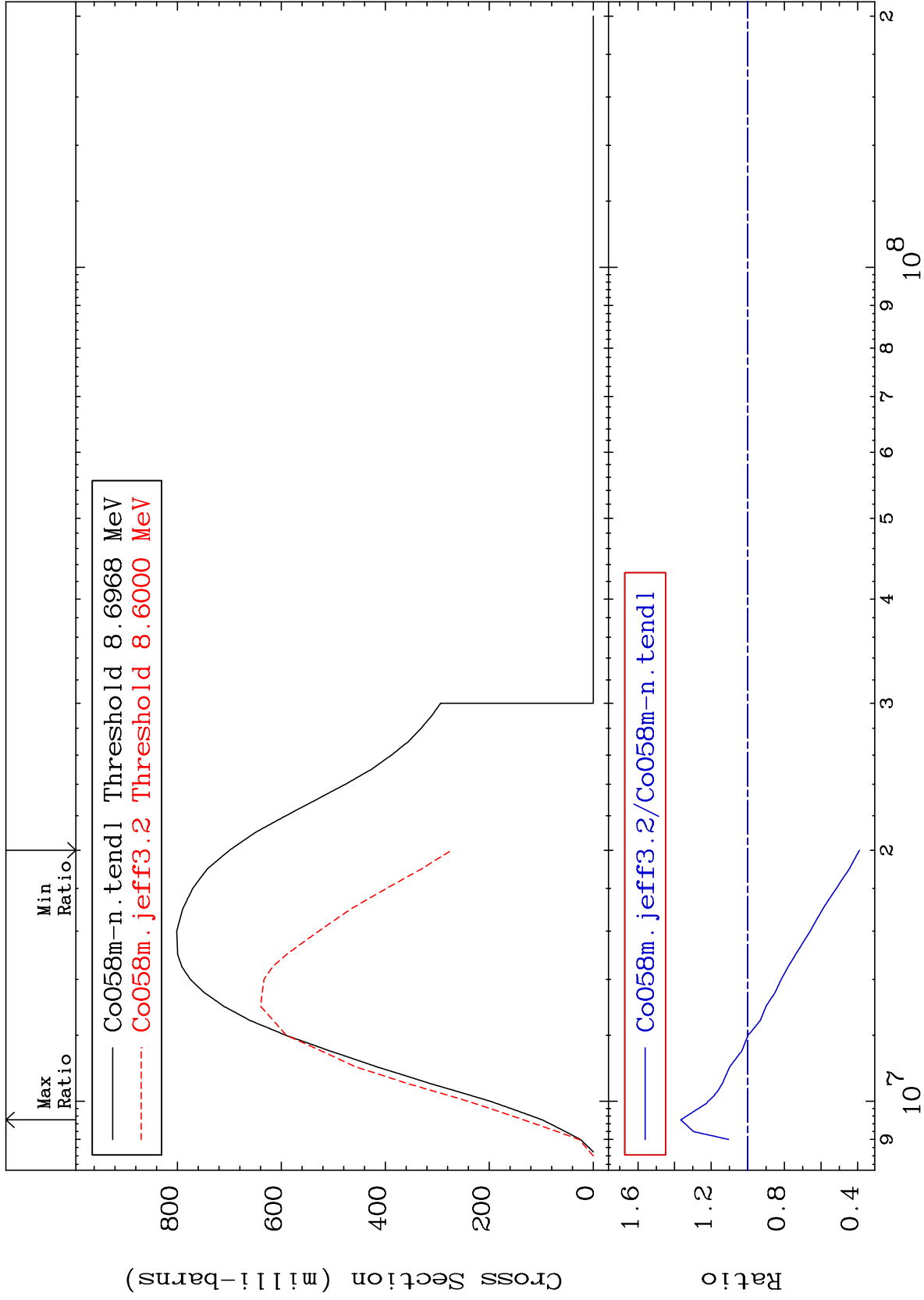
27-Co-58

3

MAT 2723

(n,2n)
Cross Section

²⁷Co-58
-61.07 To 36.61 %



4

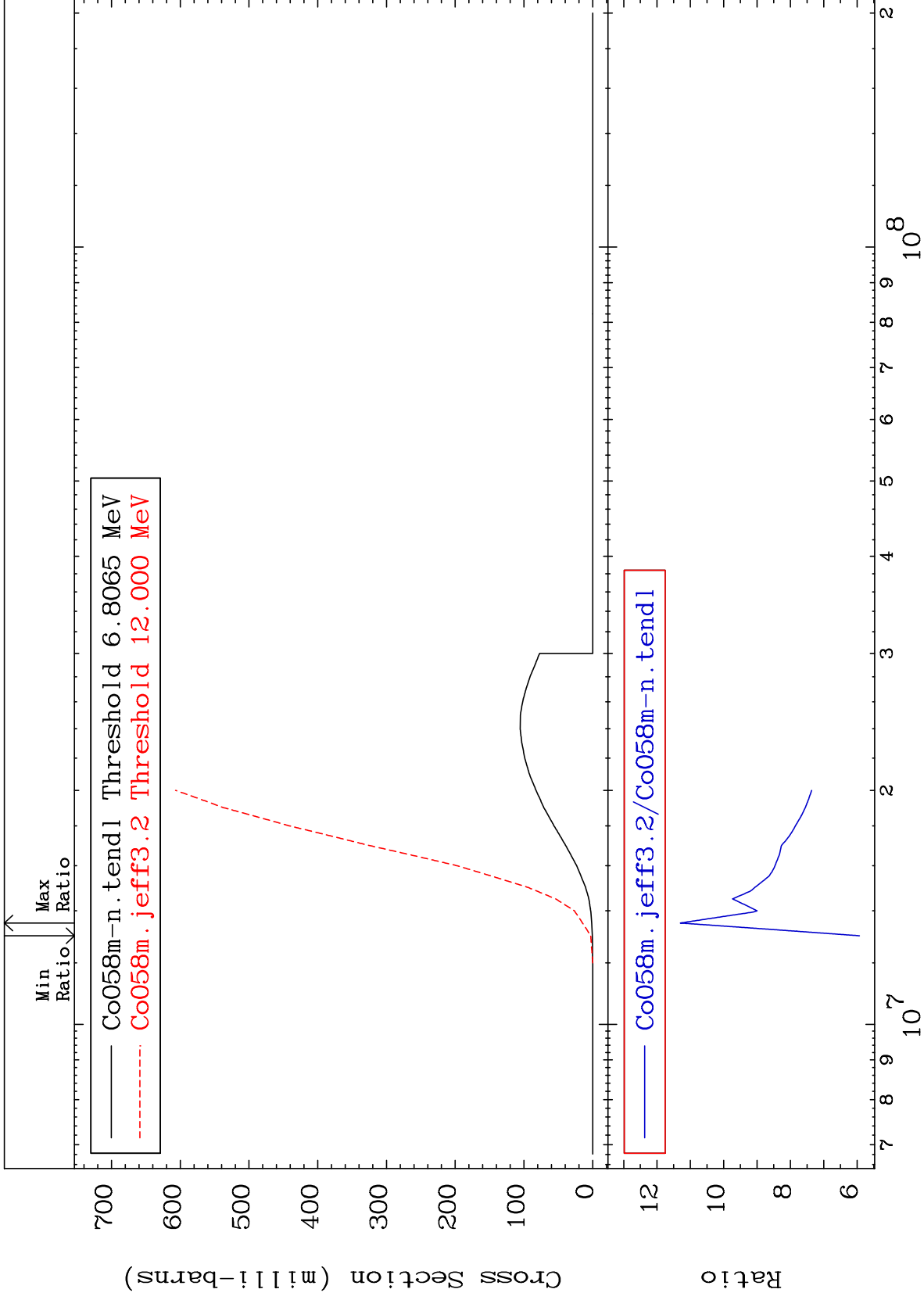
Incident Energy (eV)

²⁷Co-58

MAT 2723

(n, n') α
Cross Section

27-Co-58
492.9 To 1030. %



5

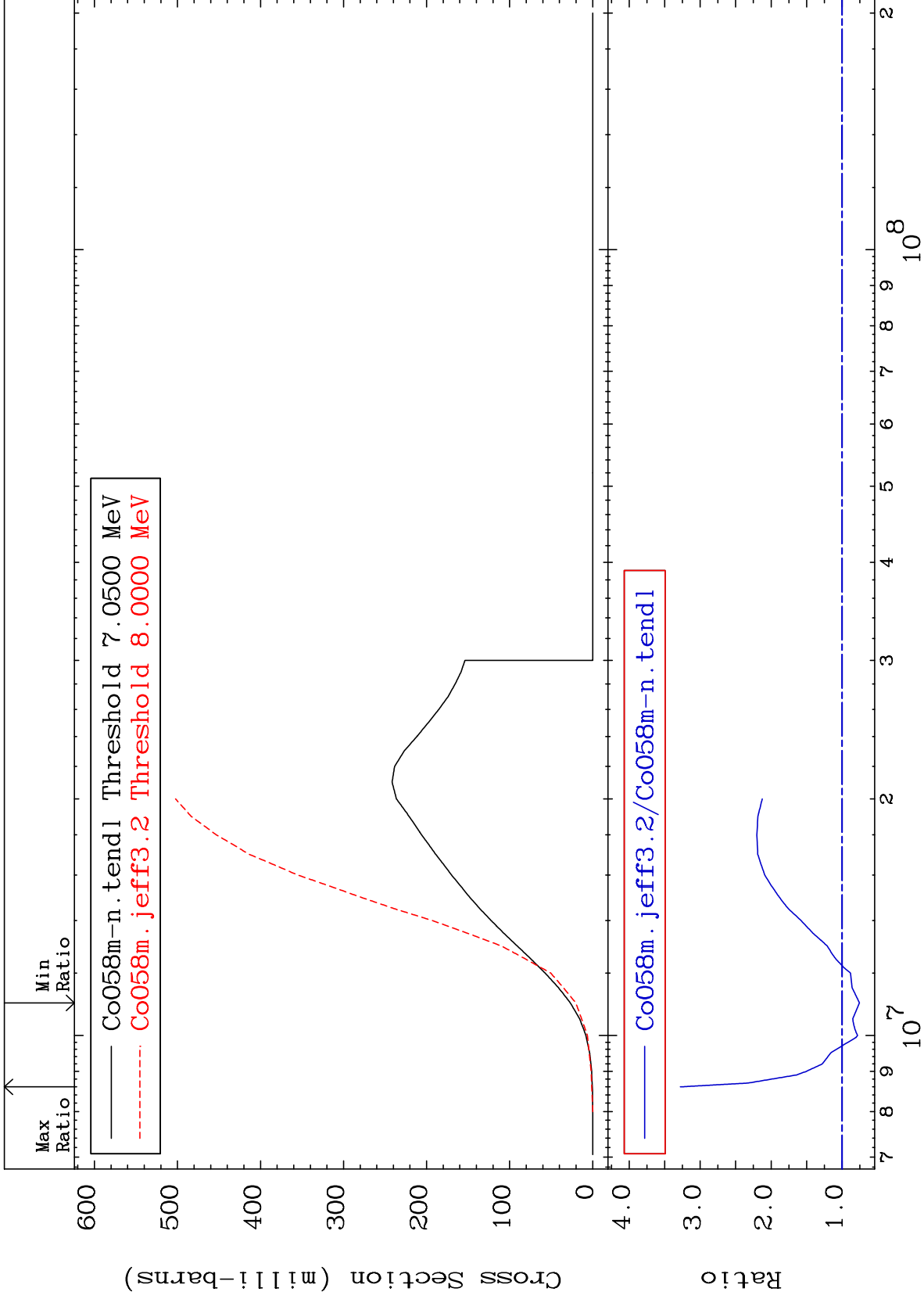
27-Co-58

27-Co-58

MAT 2723

(n,n') p
Cross Section

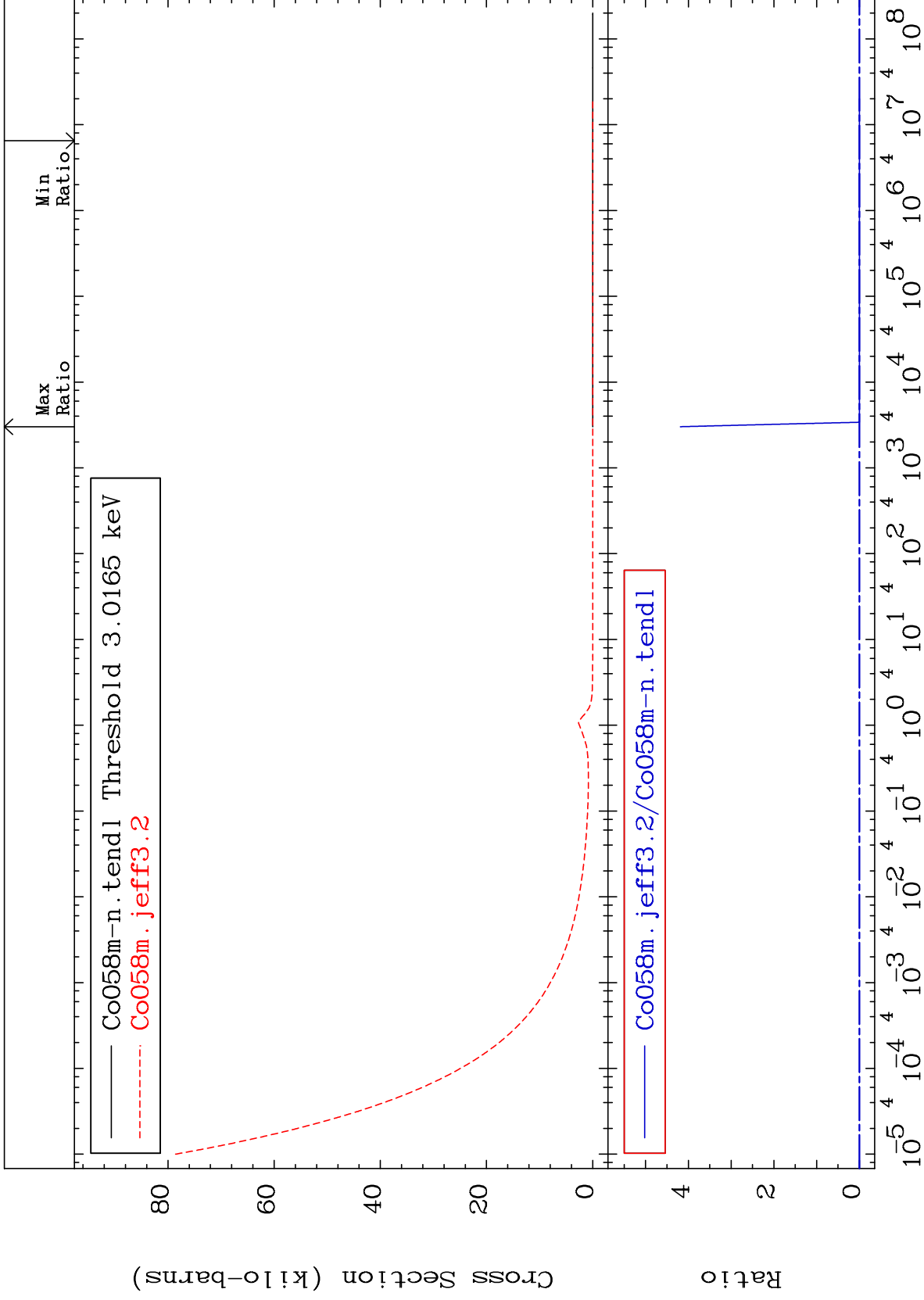
27-Co-58
-24.41 To 227.9 %



MAT 2723

0.000 keV (n,n') Level
Cross Section

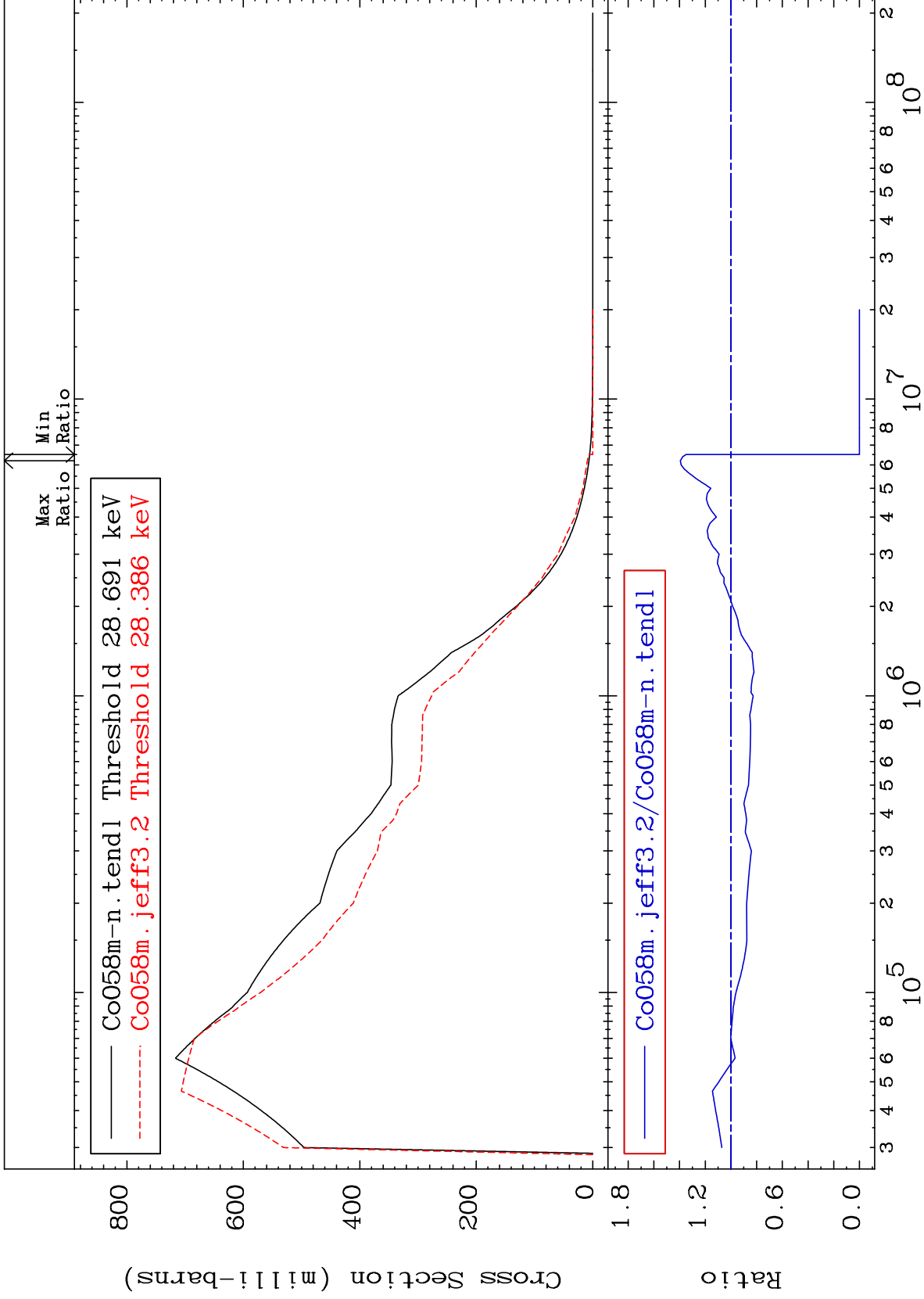
27-Co-58
-100.0 To 9999. %



MAT 2723

53.15 keV (n,n') Level
Cross Section

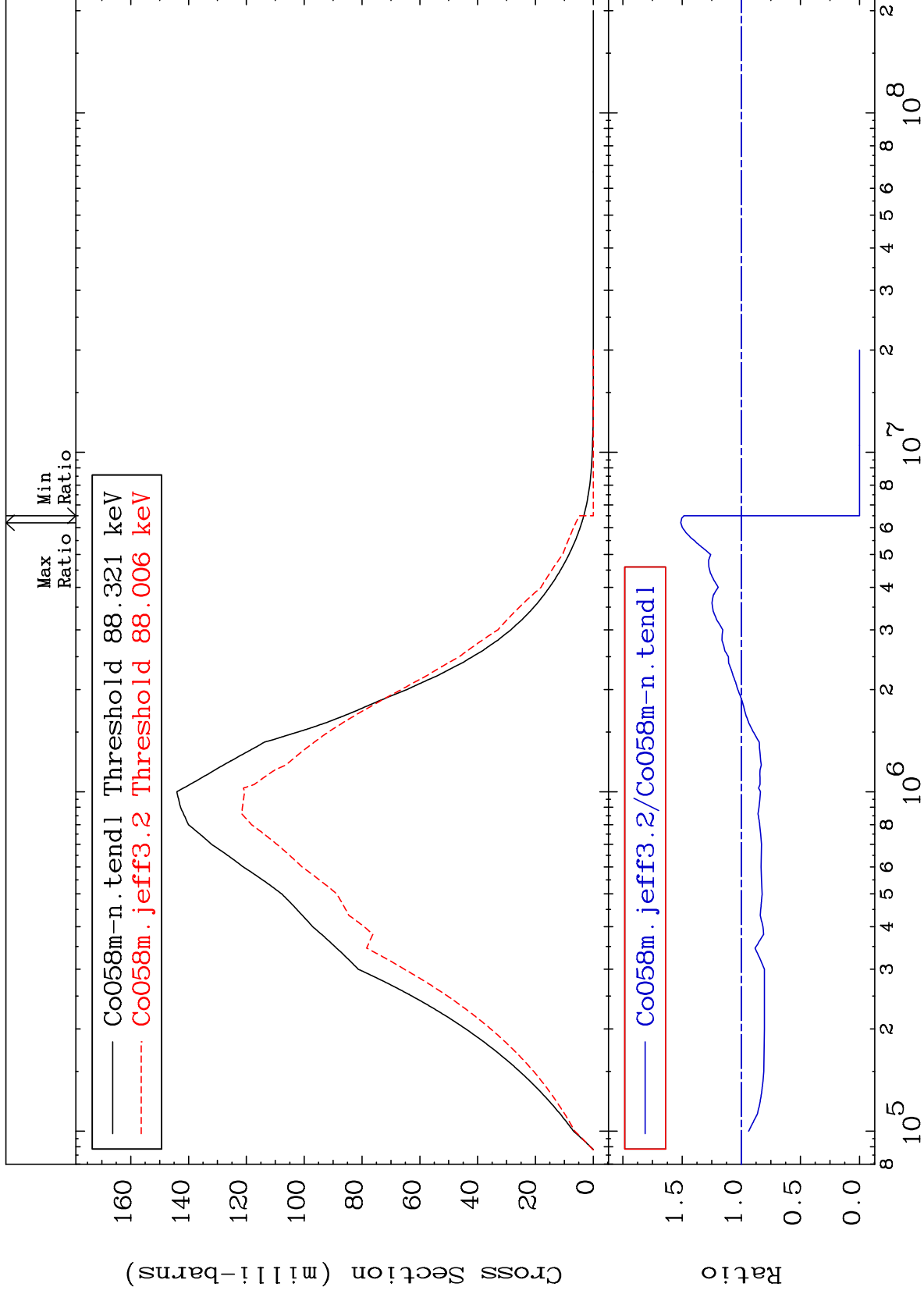
27-Co-58
-100.0 To 39.38 %



MAT 2723

111.8 keV (n,n') Level
Cross Section

27-Co-58
-100.0 To 51.11 %



9

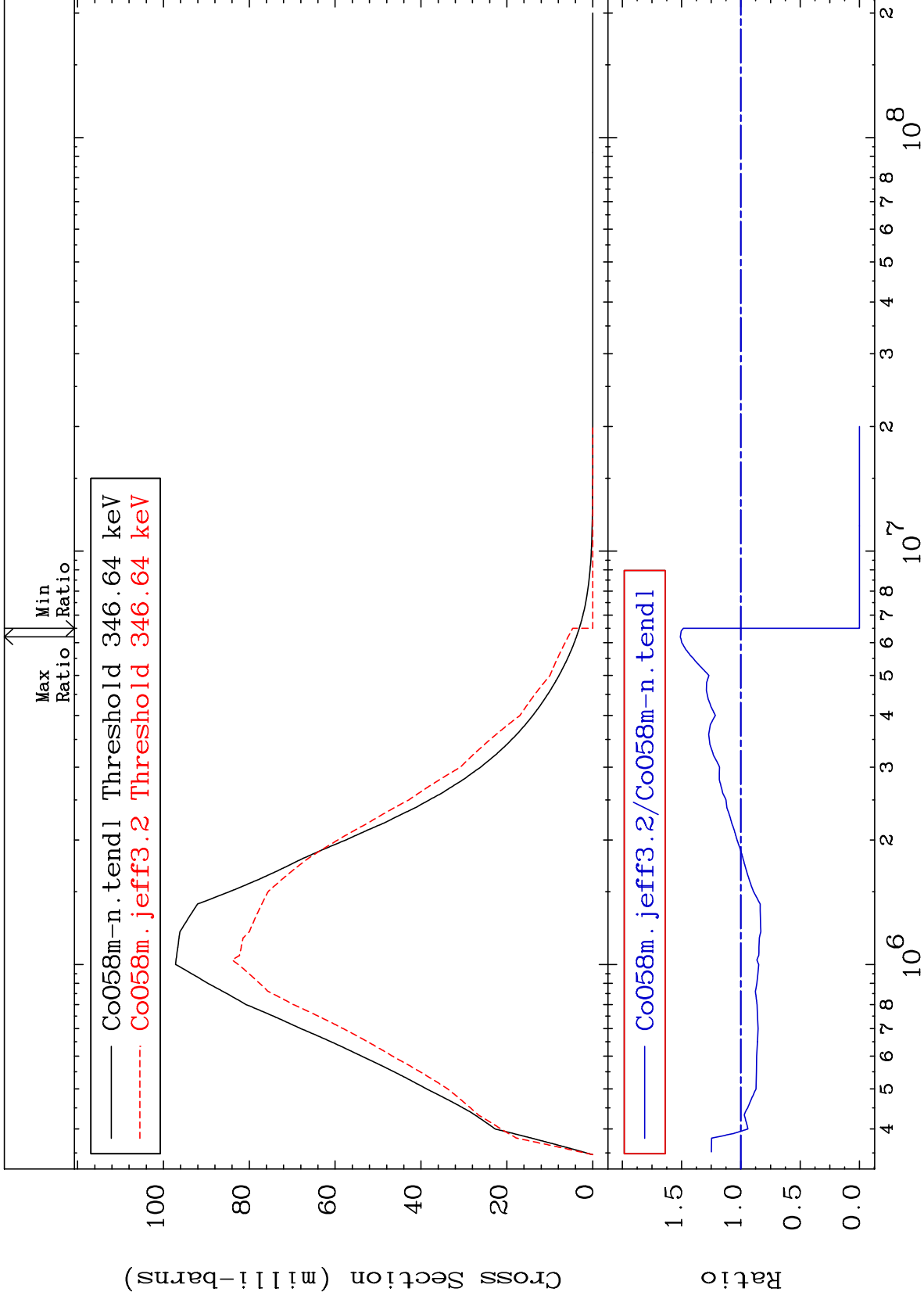
Incident Energy (eV)

27-Co-58

MAT 2723

365.7 keV (n,n') Level
Cross Section

27-Co-58
-100.0 To 51.03 %



10

Incident Energy (eV)

27-Co-58

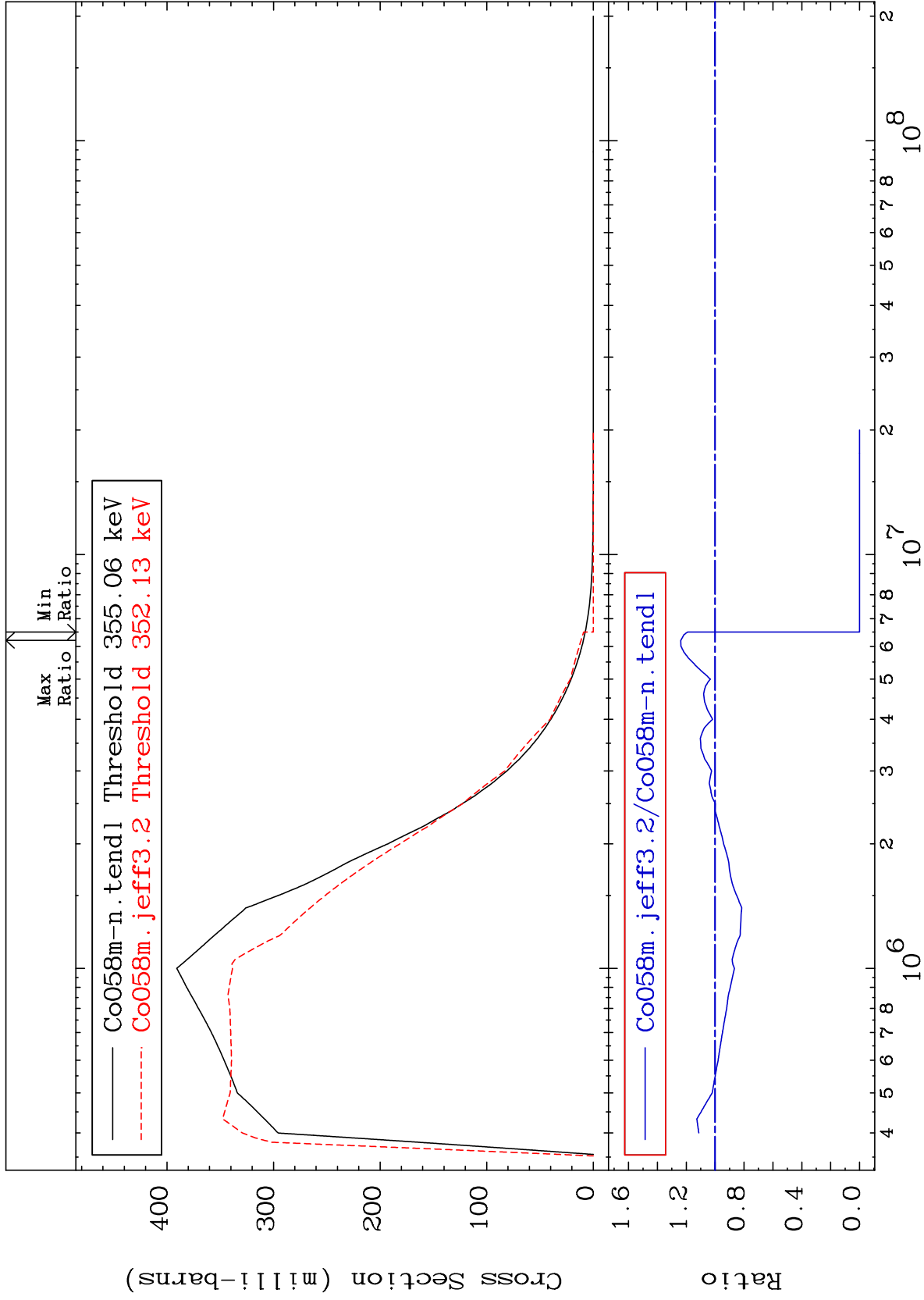
MAT 2723

373.9 keV (n,n') Level

²⁷Co-58

-100.0 To 23.81 %

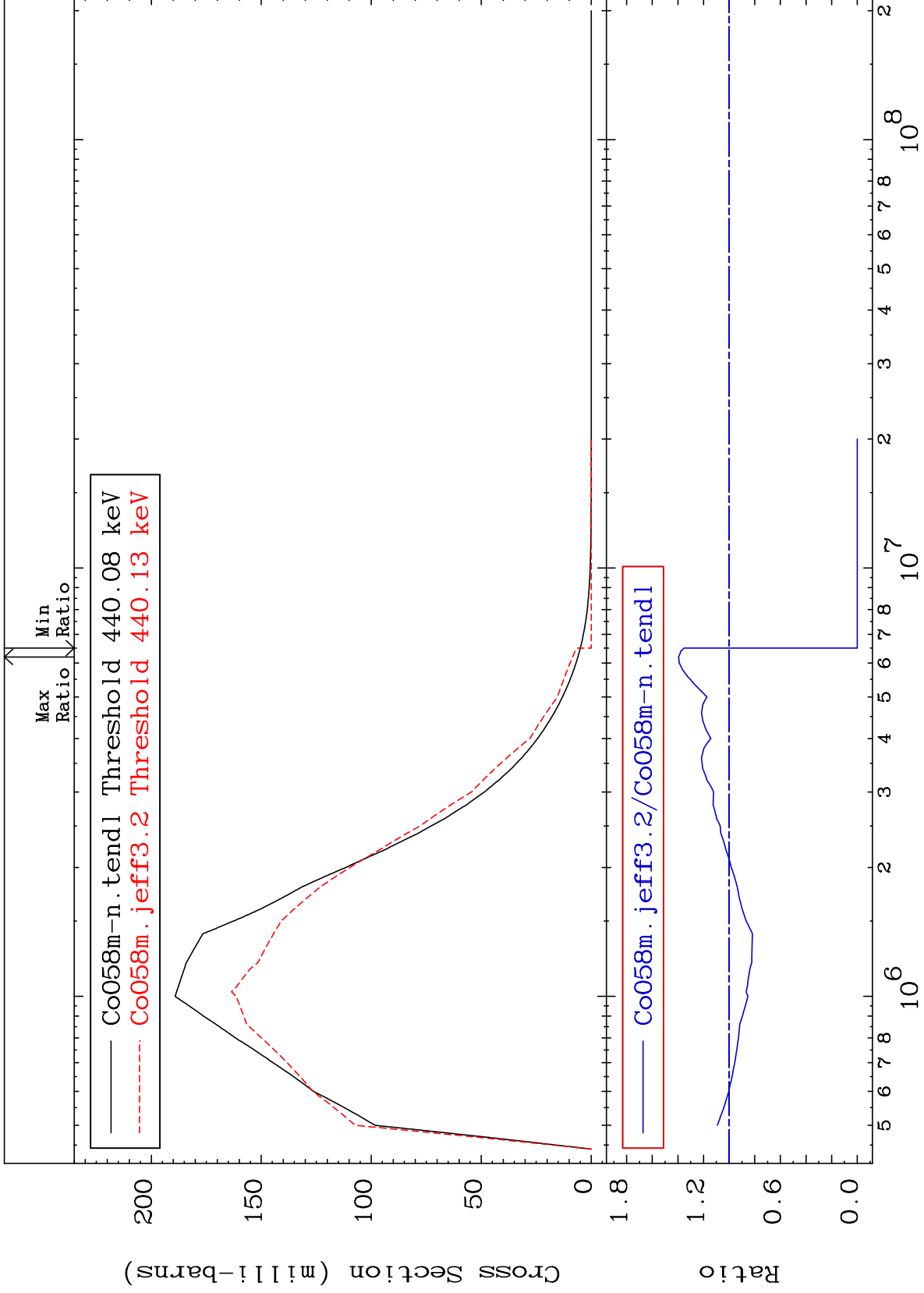
Cross Section



MAT 2723

457.5 keV (n,n') Level
Cross Section

27-Co-58
-100.0 To 39.40 %



12

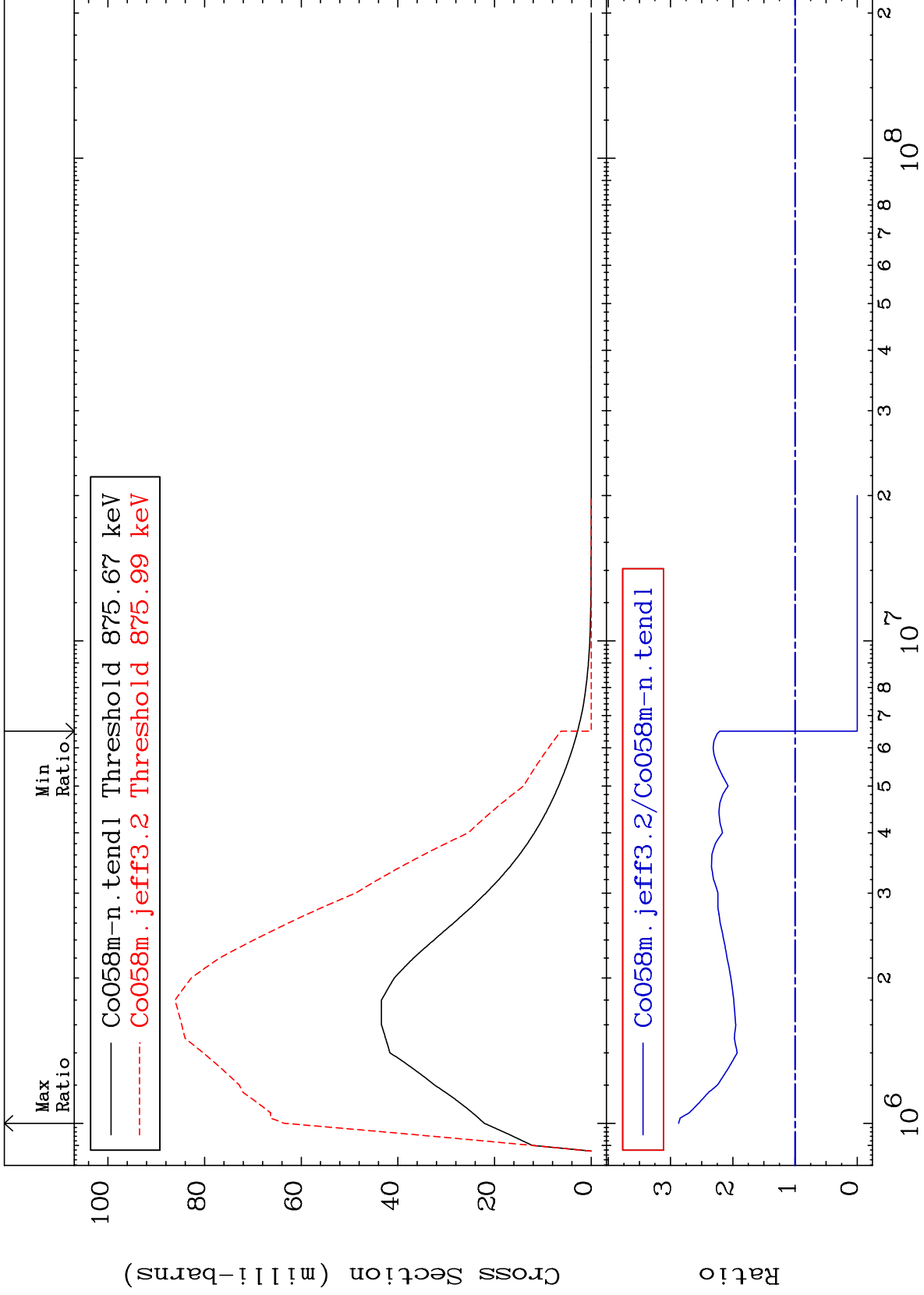
Incident Energy (eV)

27-Co-58

MAT 2723

885.6 keV (n,n') Level
Cross Section

27-Co-58
-100.0 To 187.0 %



13

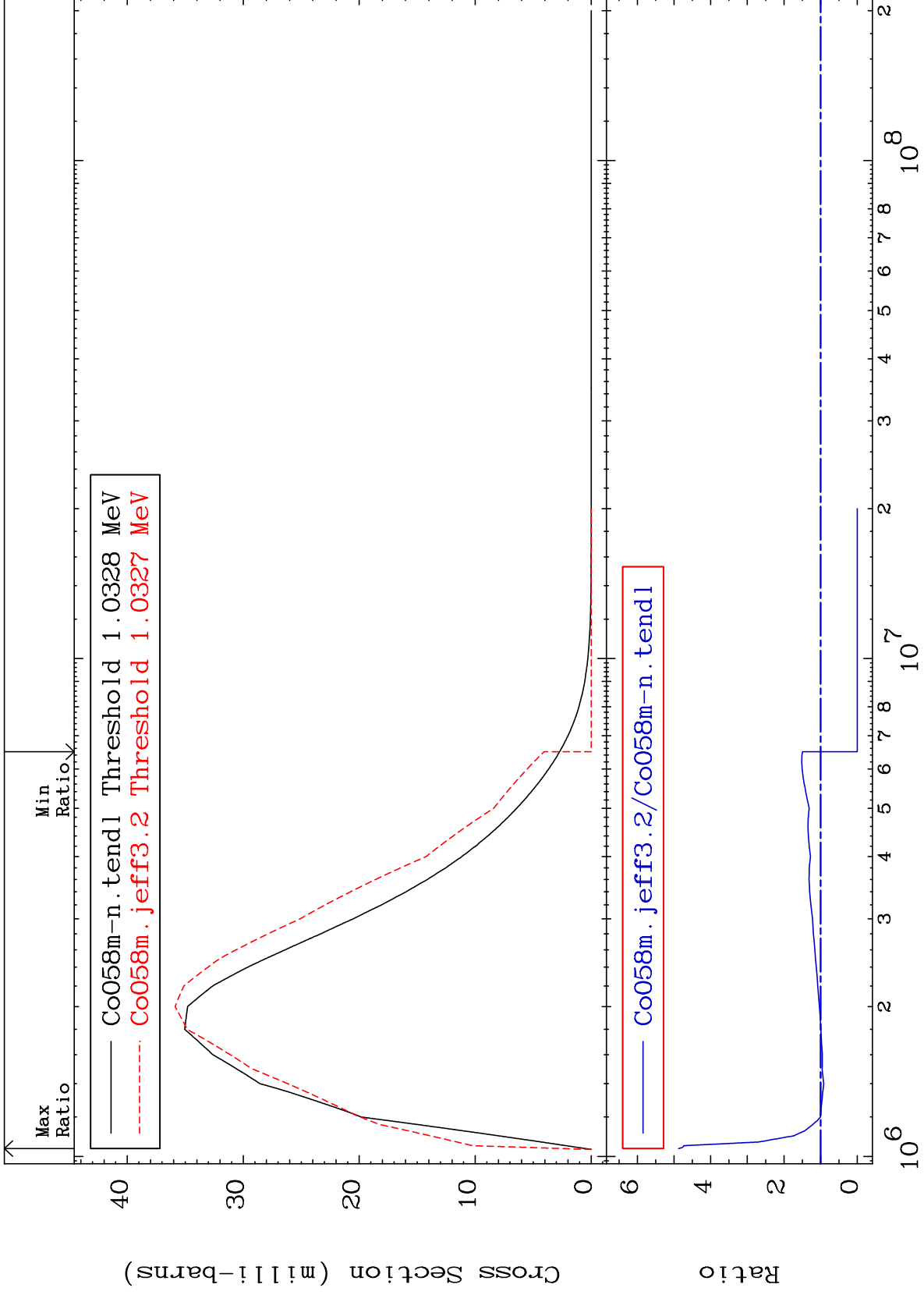
Incident Energy (eV)

27-Co-58

MAT 2723

1.040 MeV (n,n') Level
Cross Section

27-Co-58
-100.0 To 387.4 %



14

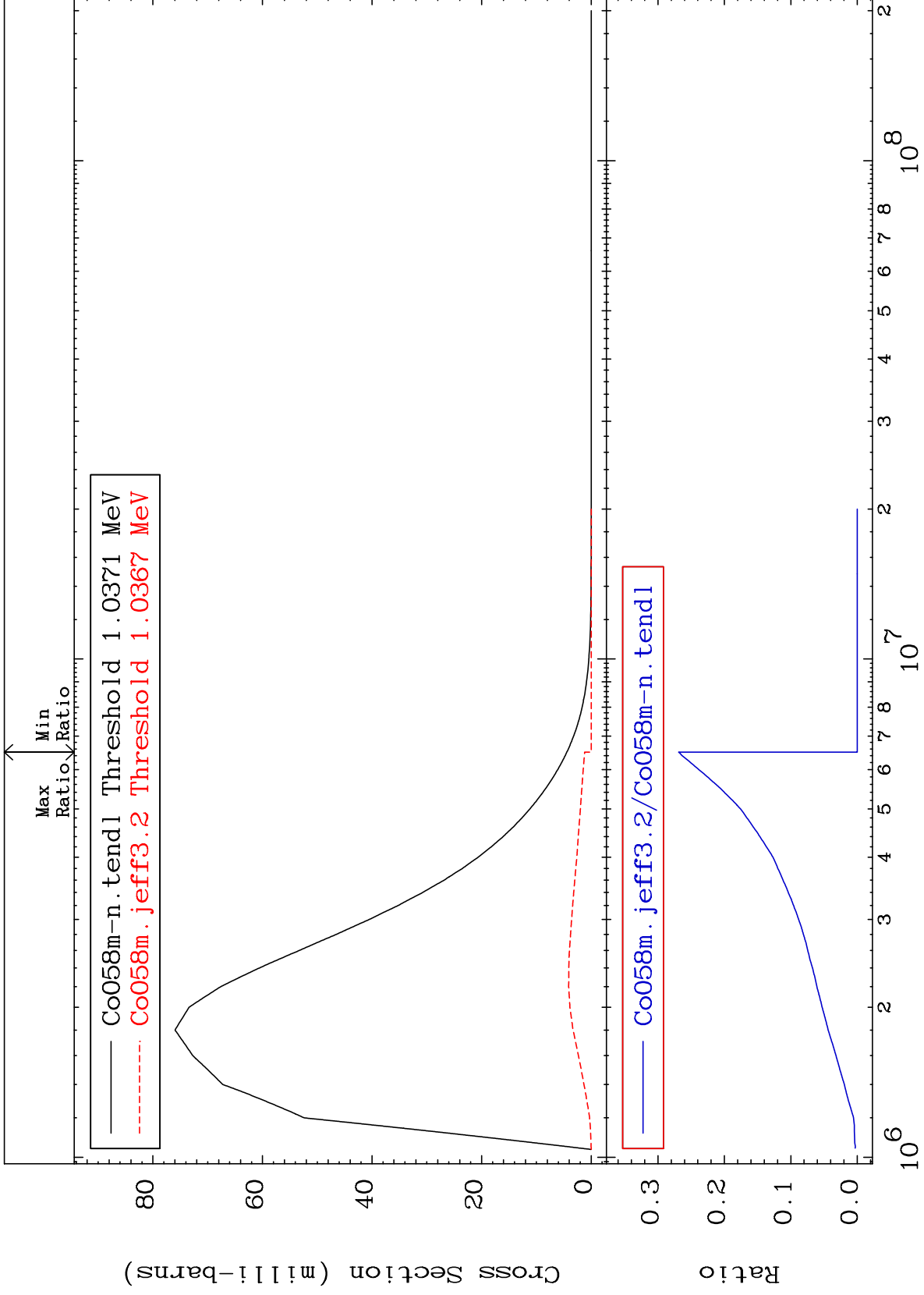
Incident Energy (eV)

27-Co-58

MAT 2723

1.044 MeV (n,n') Level
Cross Section

27-Co-58
-100.0 To -73.11%



15

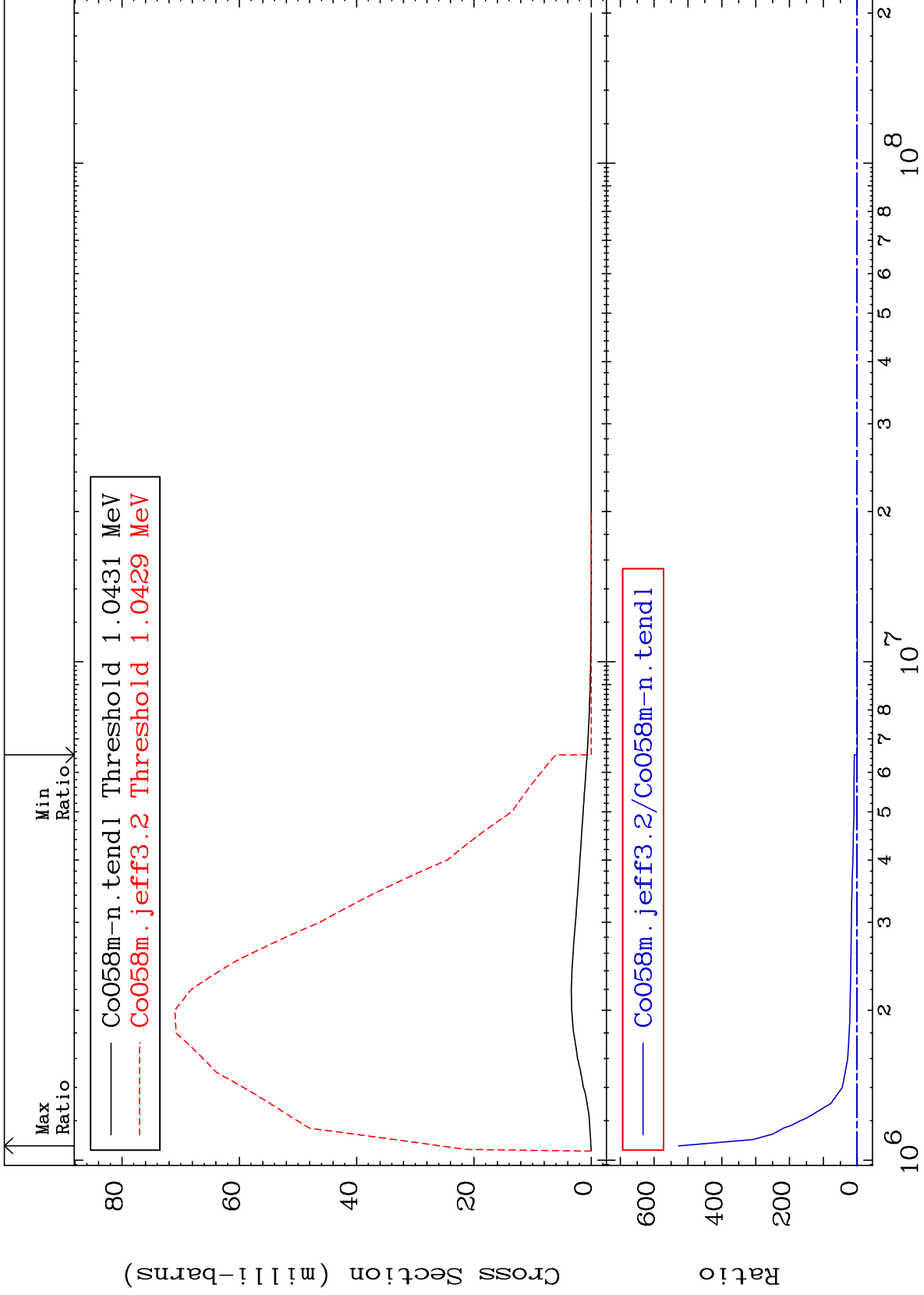
Incident Energy (eV)

27-Co-58

MAT 2723

1.050 MeV (n,n') Level
Cross Section

27-Co-58
-100.0 To 9999. %



27-Co-58

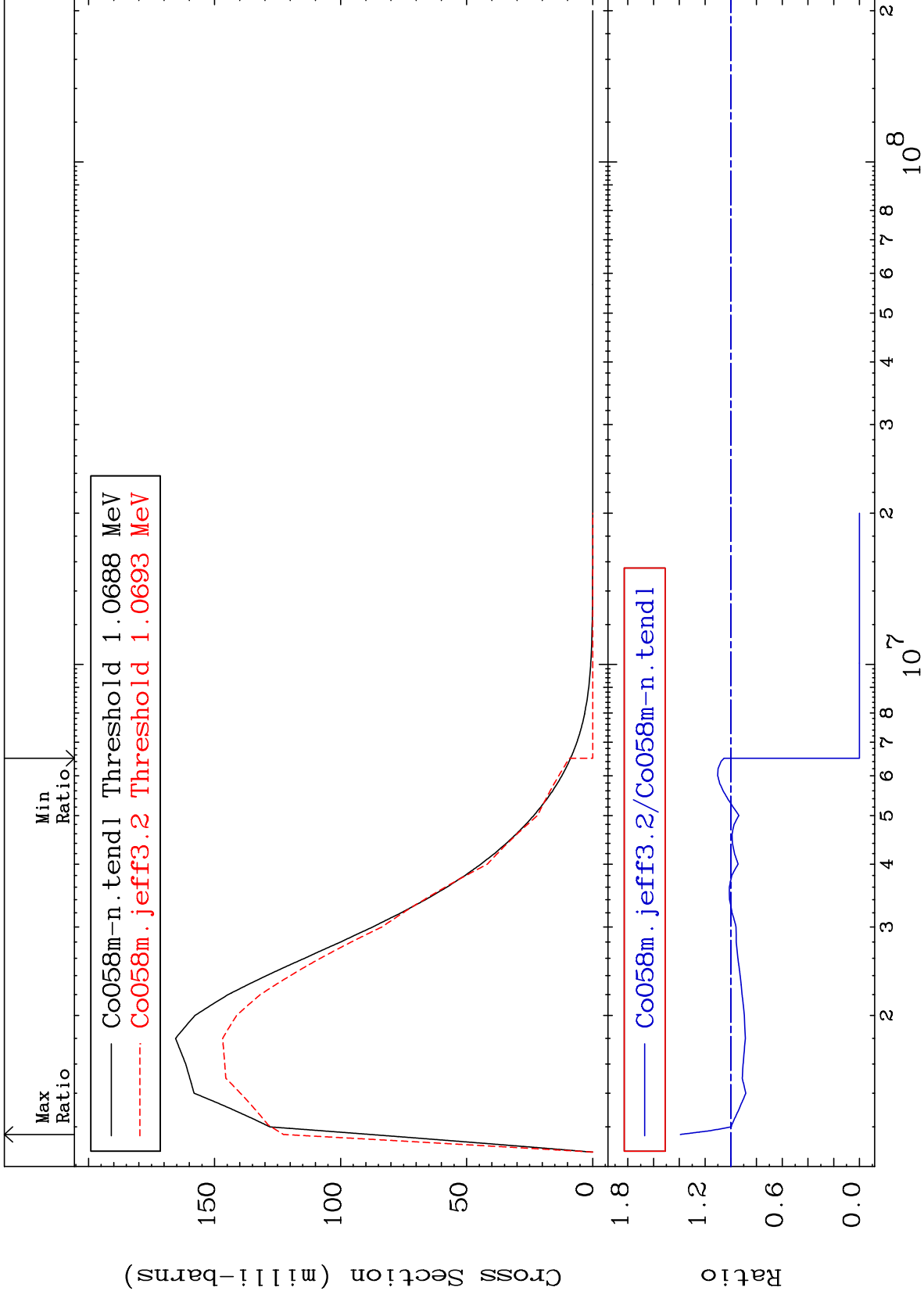
Incident Energy (eV)

16

MAT 2723

1.076 MeV (n,n') Level
Cross Section

27-Co-58
-100.0 To 39.18 %



17

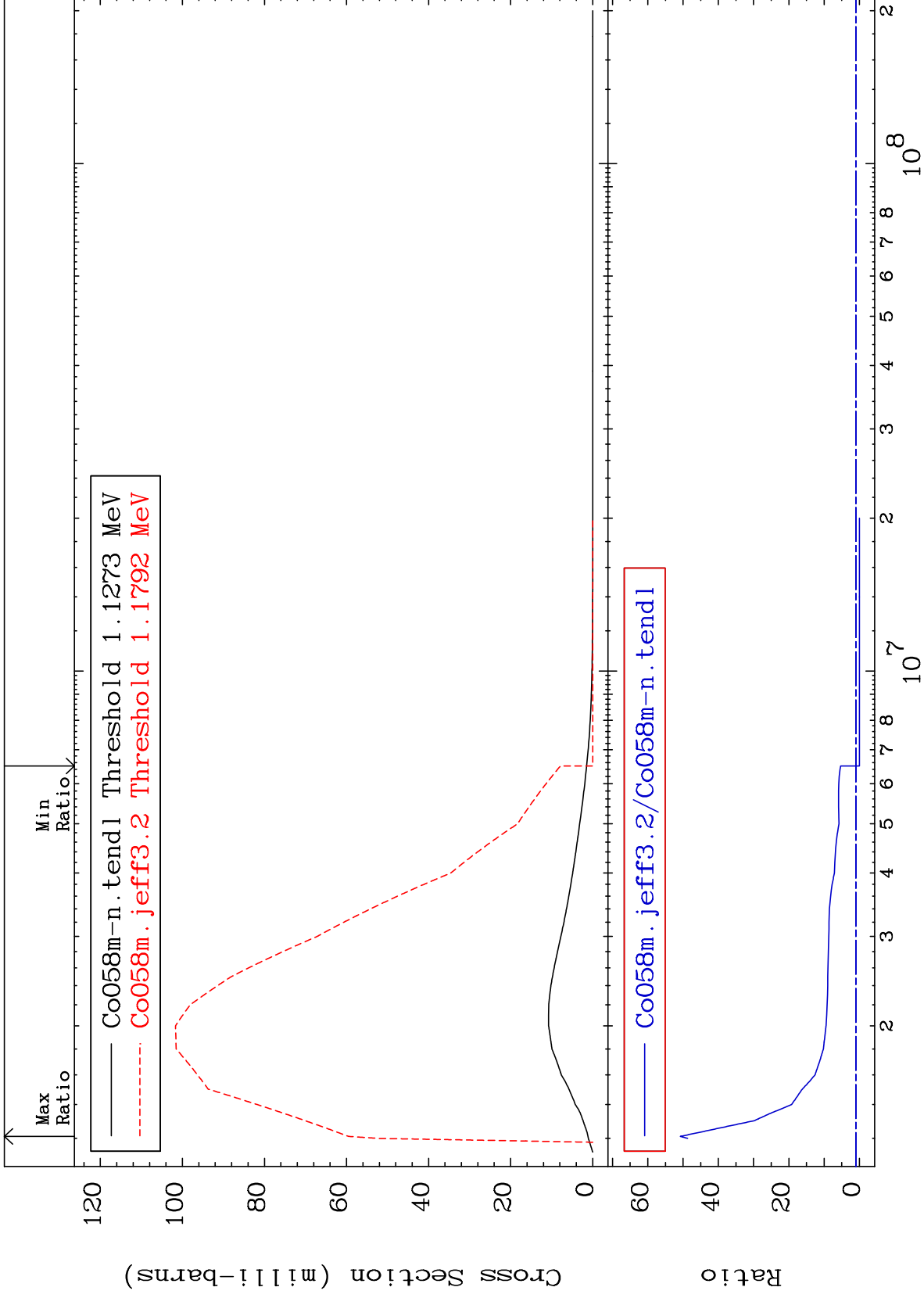
Incident Energy (eV)

27-Co-58

MAT 2723

1.133 MeV (n,n') Level
Cross Section

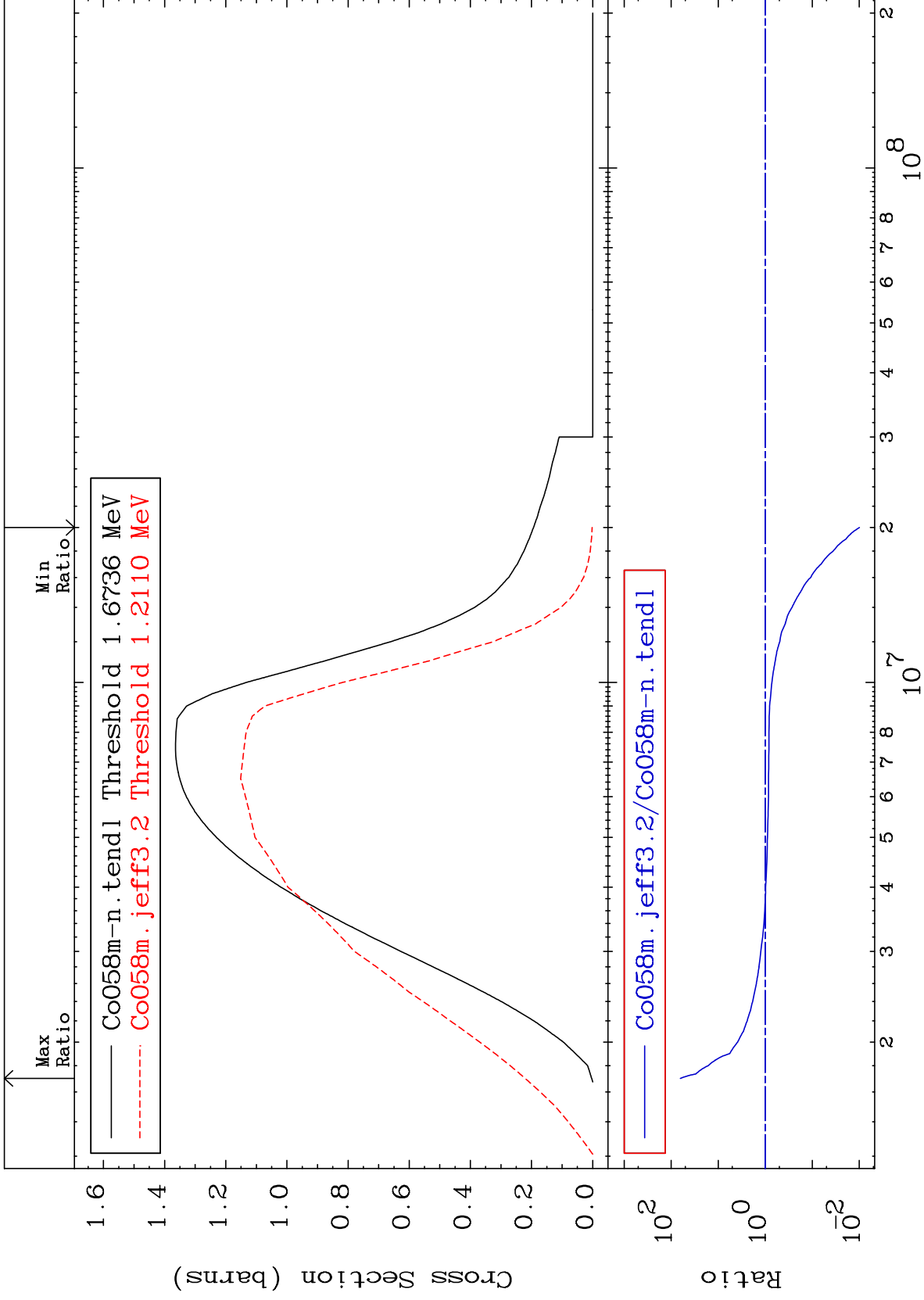
27-Co-58
-100.0 To 4976. %



18

27-Co-58

27-Co-58



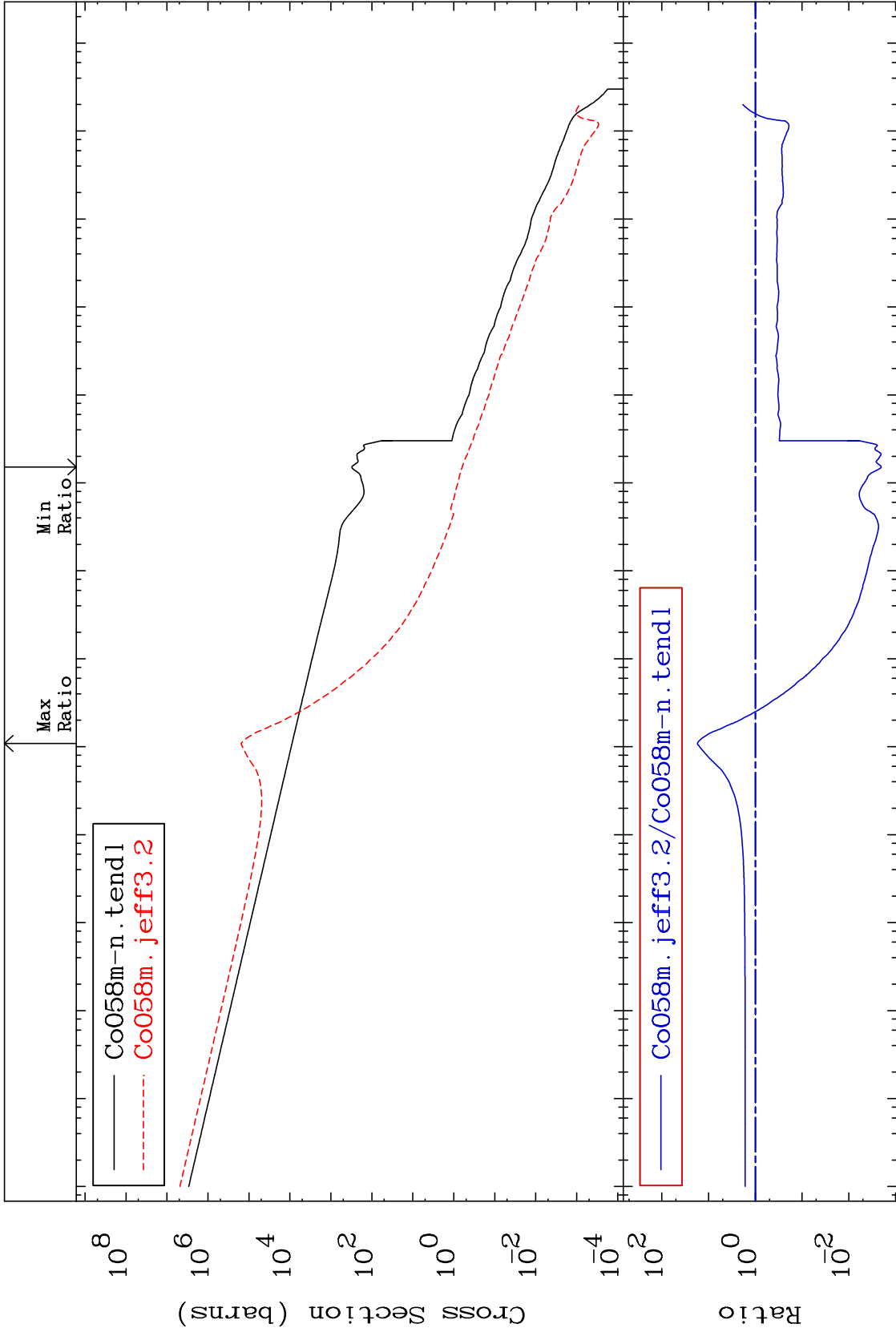
MAT 2723

(n, γ)

27-Co-58

-99.80 To 1625. %

Cross Section



20

27-Co-58

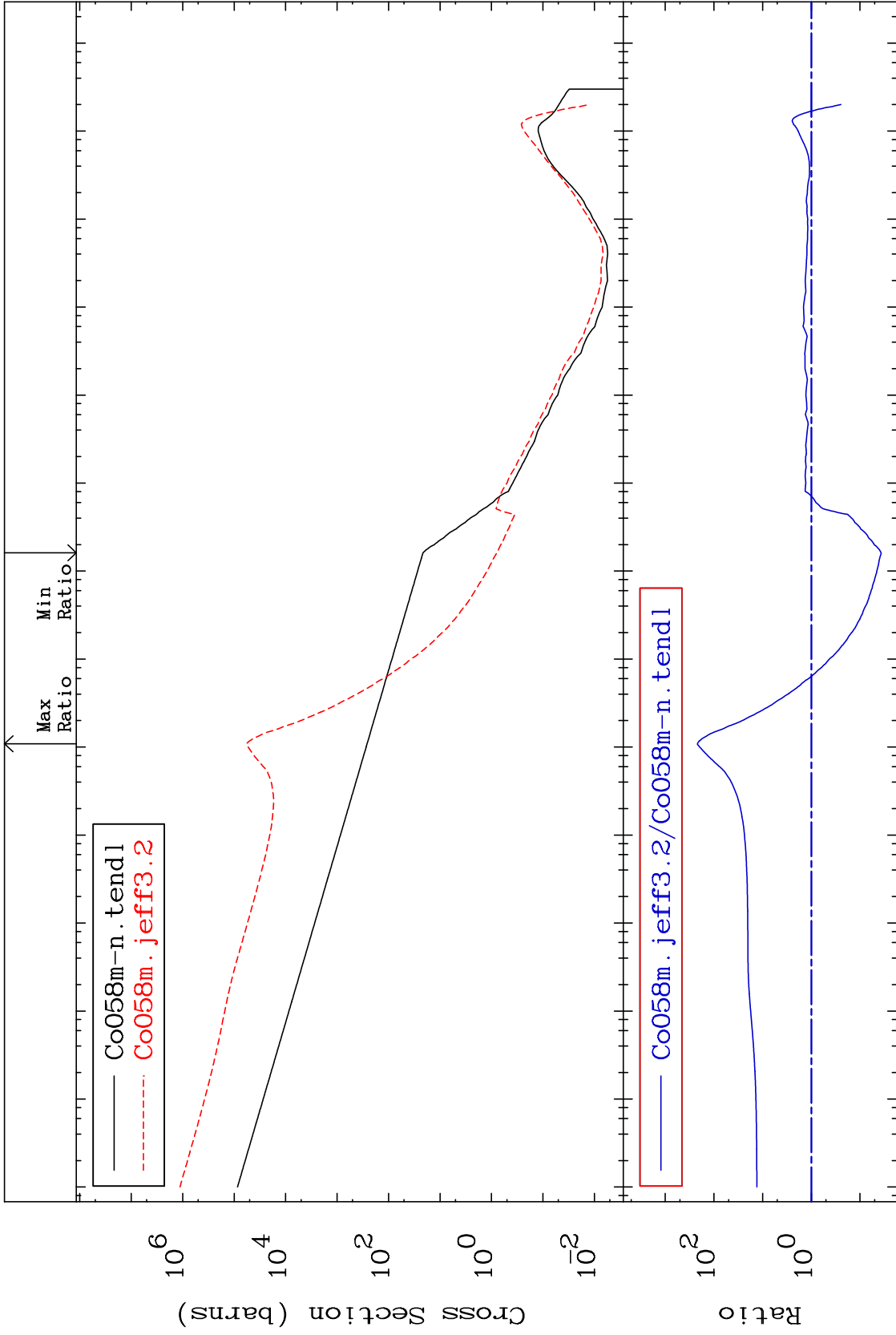
27-Co-58

MAT 2723

27-Co-58

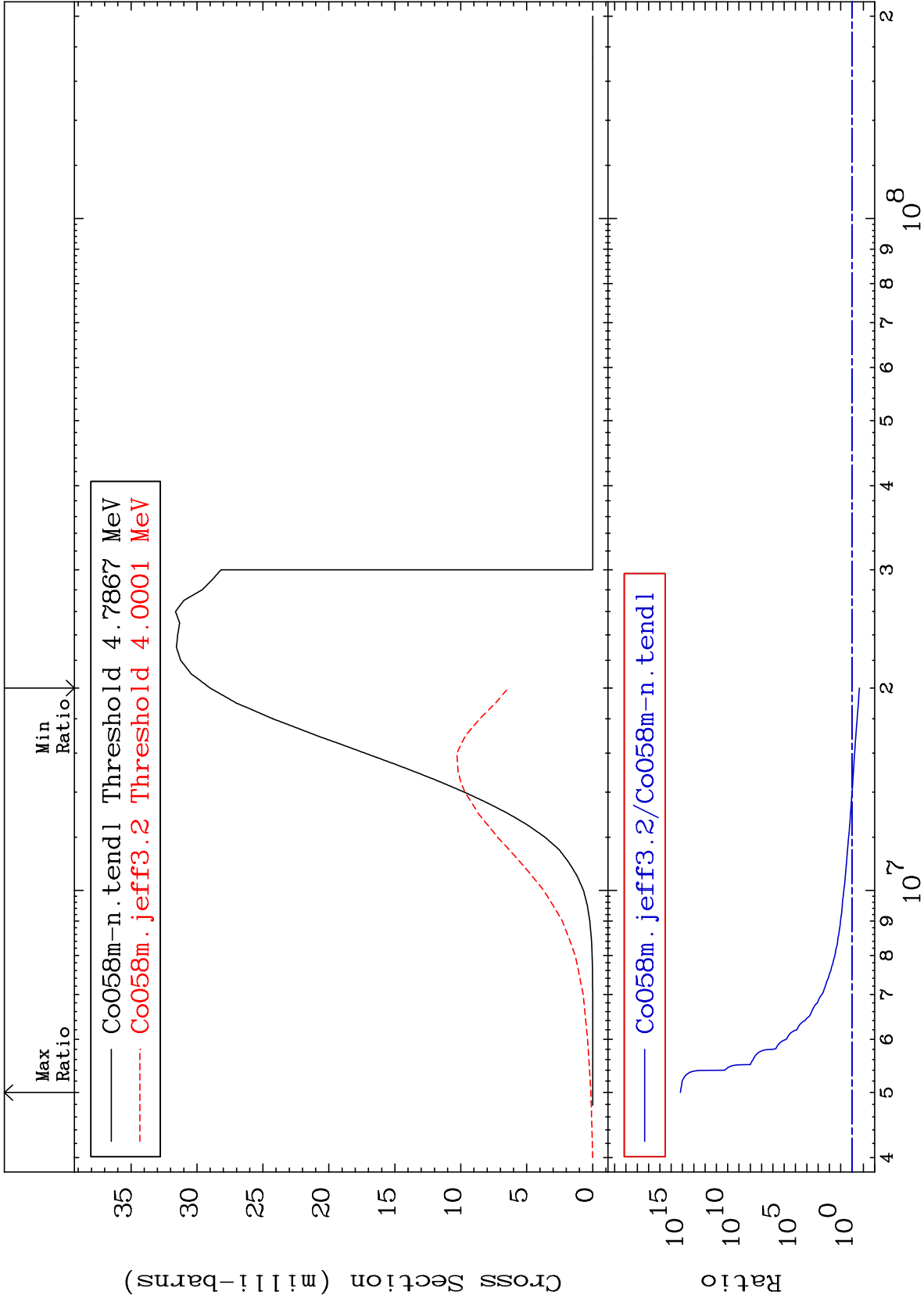
-96.32 To 9999. %

(n,p)
Cross Section



Cross Section

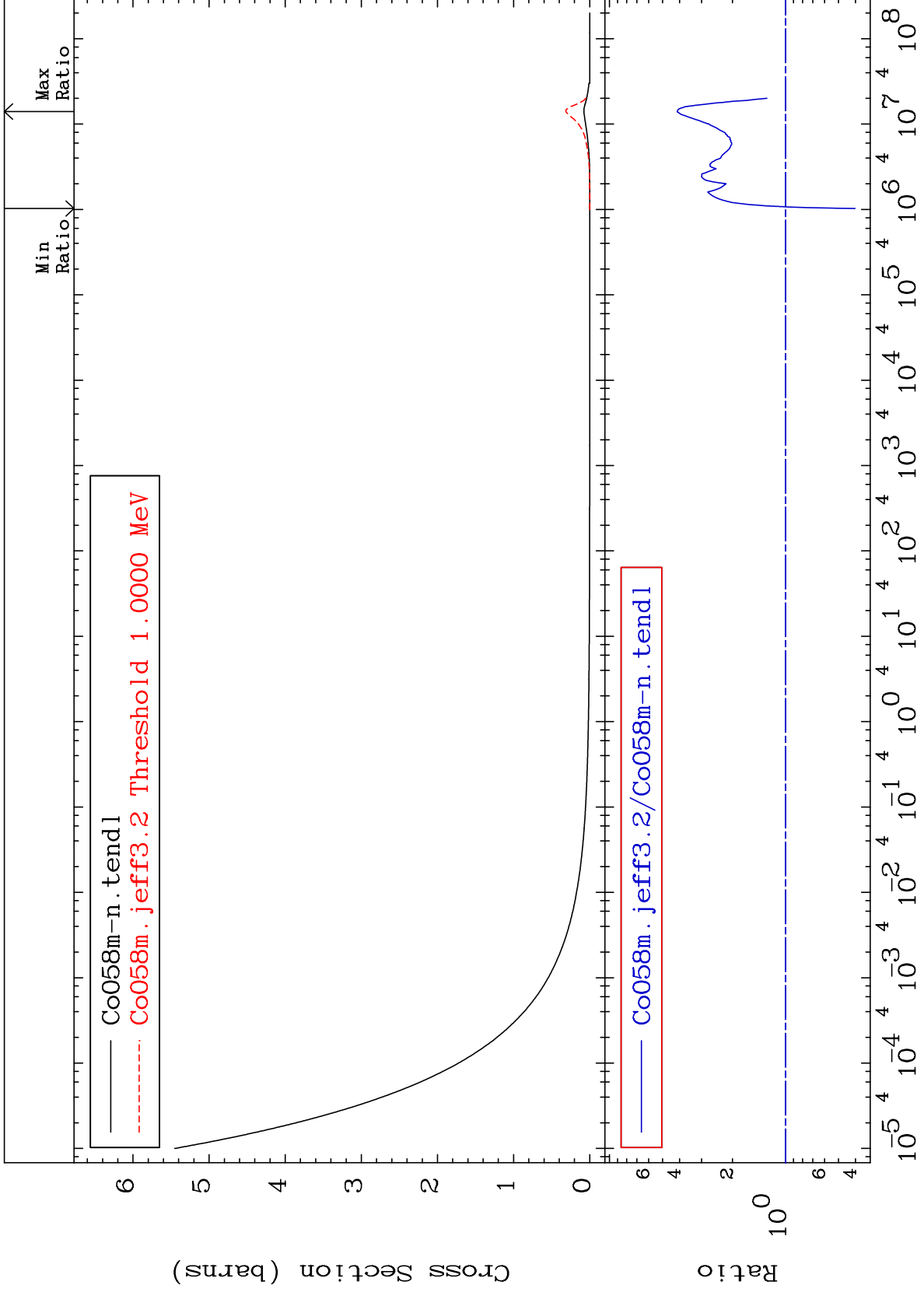
-77.97 To 9999. %



MAT 2723

(n, α)
Cross Section

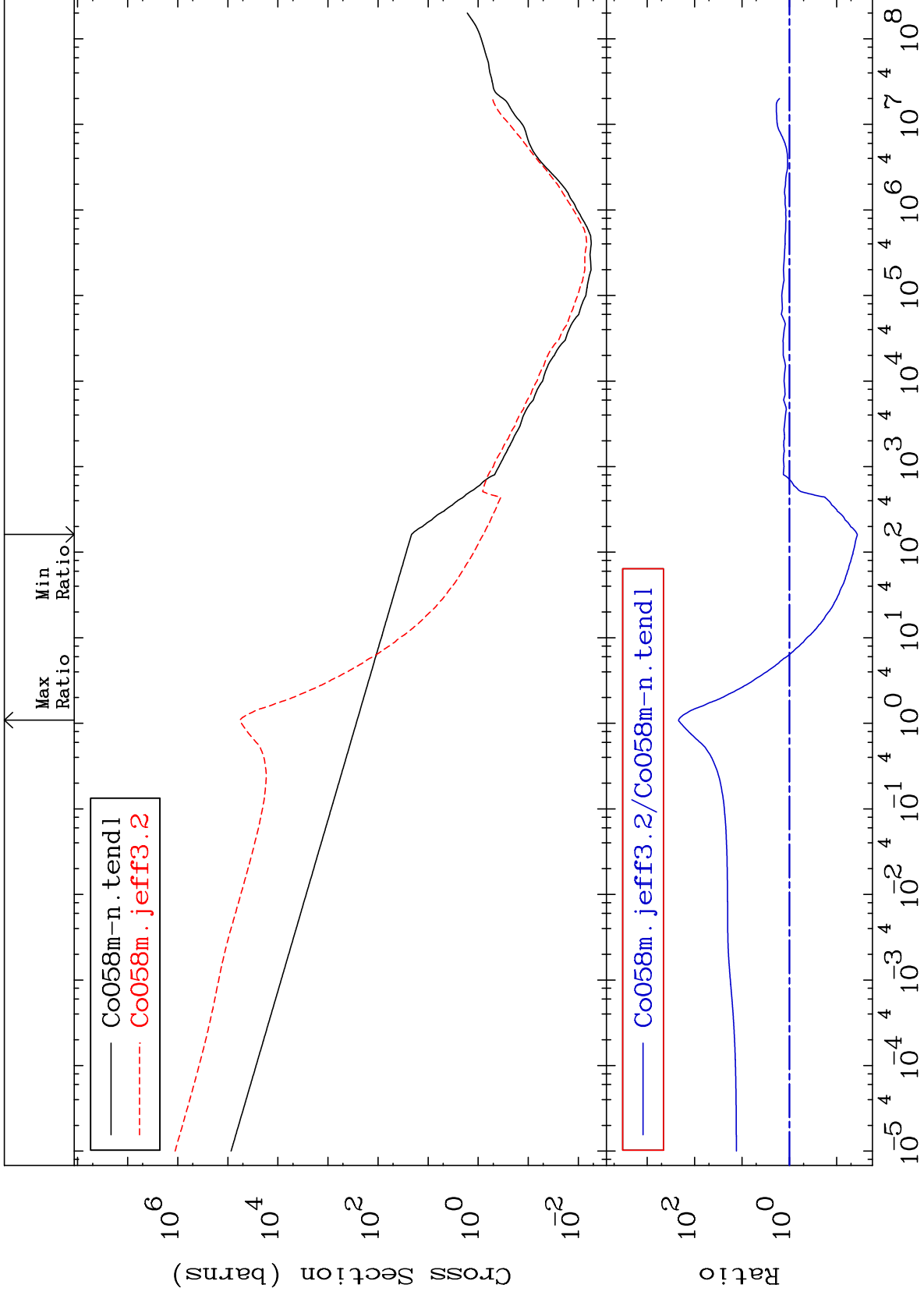
27-Co-58
-59.78 To 314.1 %



MAT 2723

Hydrogen Production
Cross Section

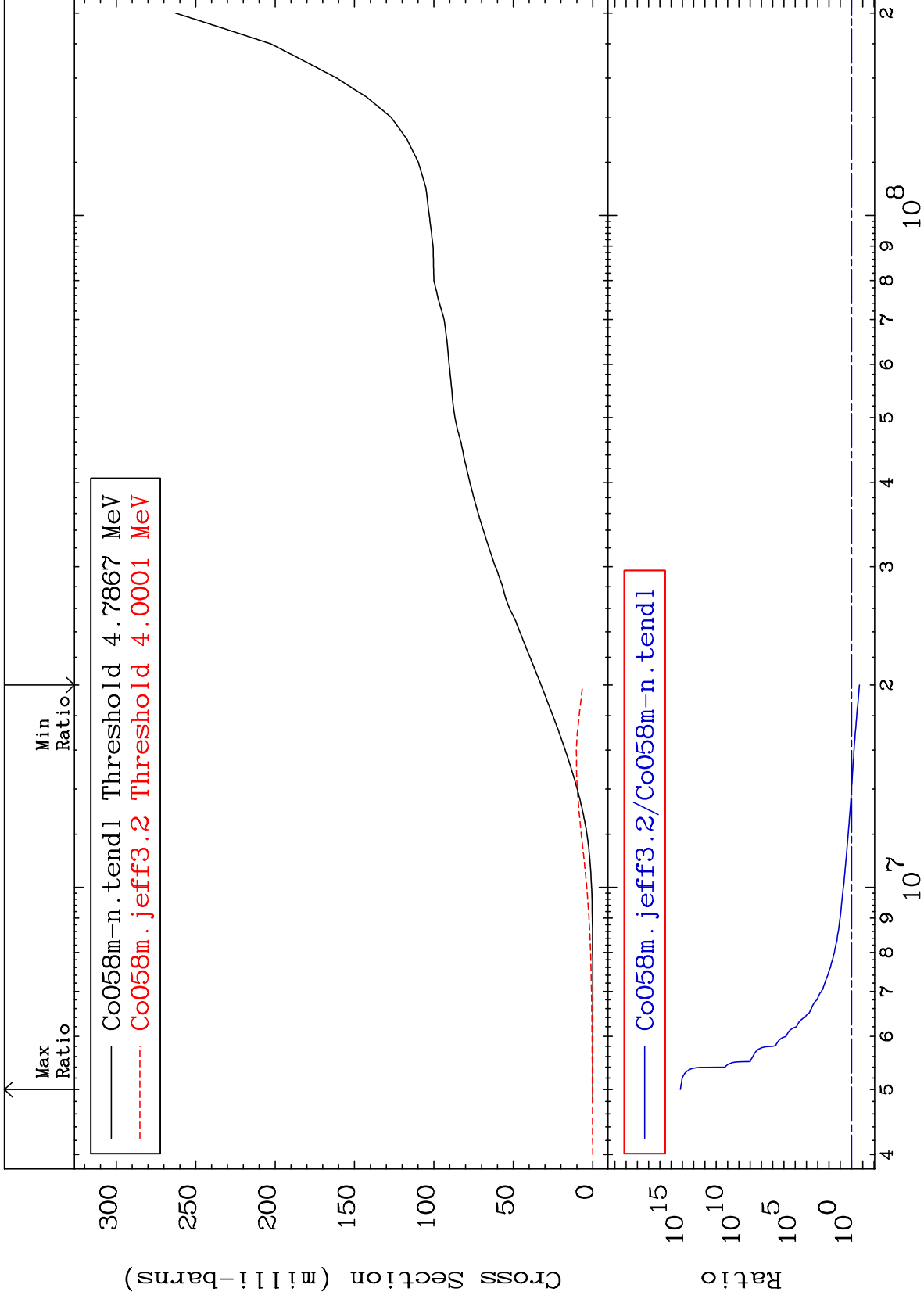
27-Co-58
-96.32 To 9999. %

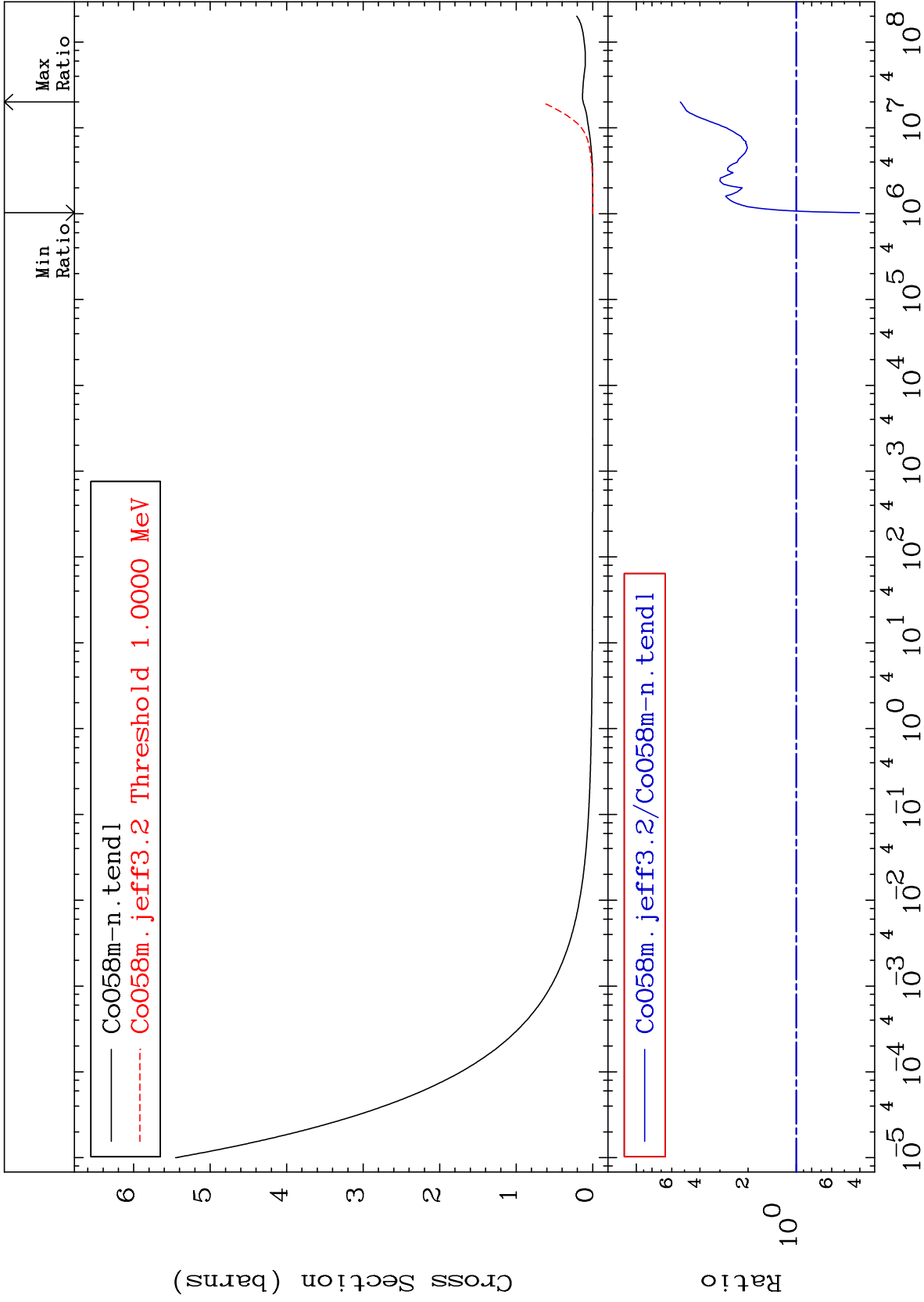


MAT 2723

Deuterium Production Cross Section

27-Co-58
-80.33 To 9999. %





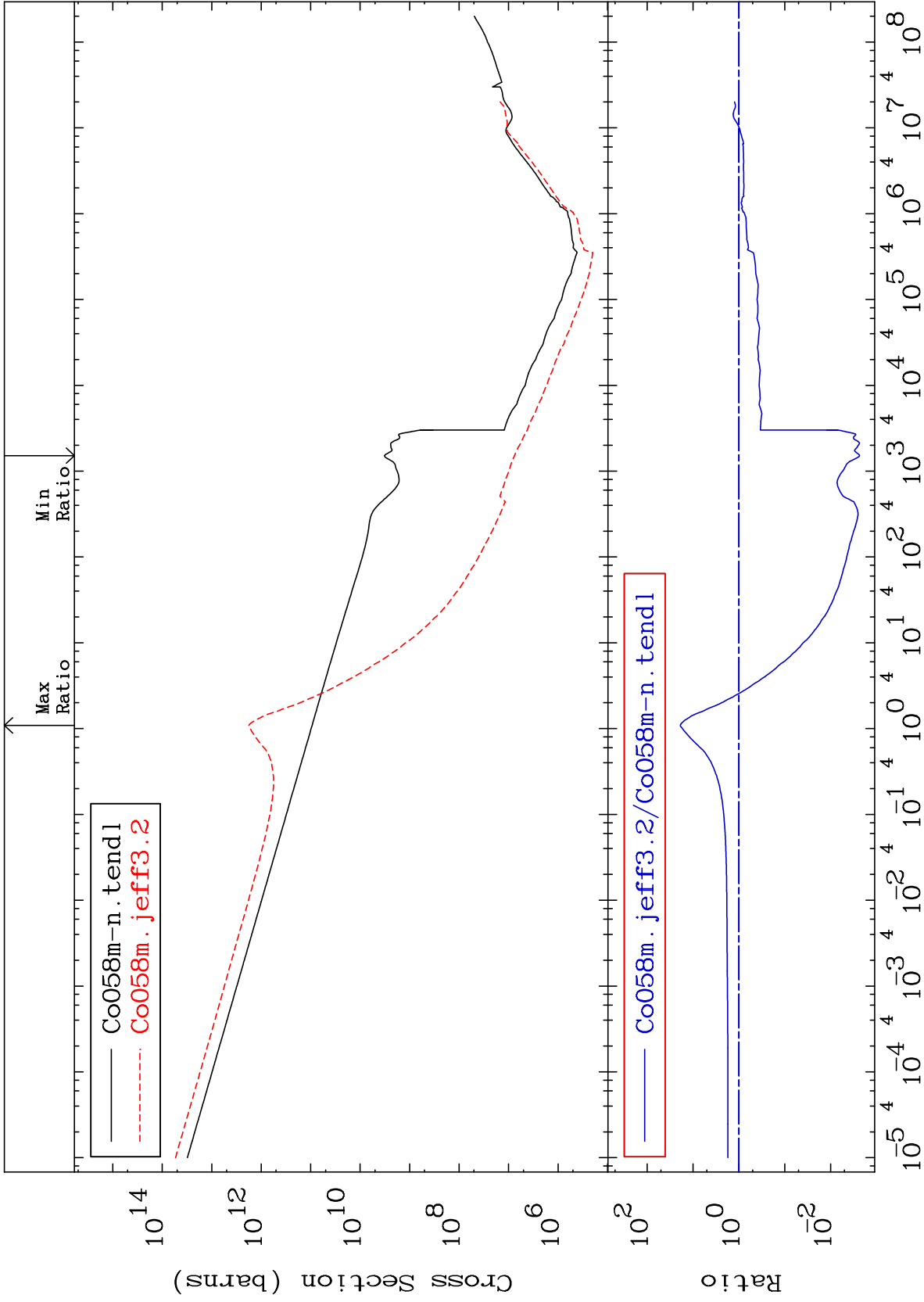
MAT 2723

Kerma total (eV-barns)

27-Co-58

-99.76 To 1793. %

Cross Section



27

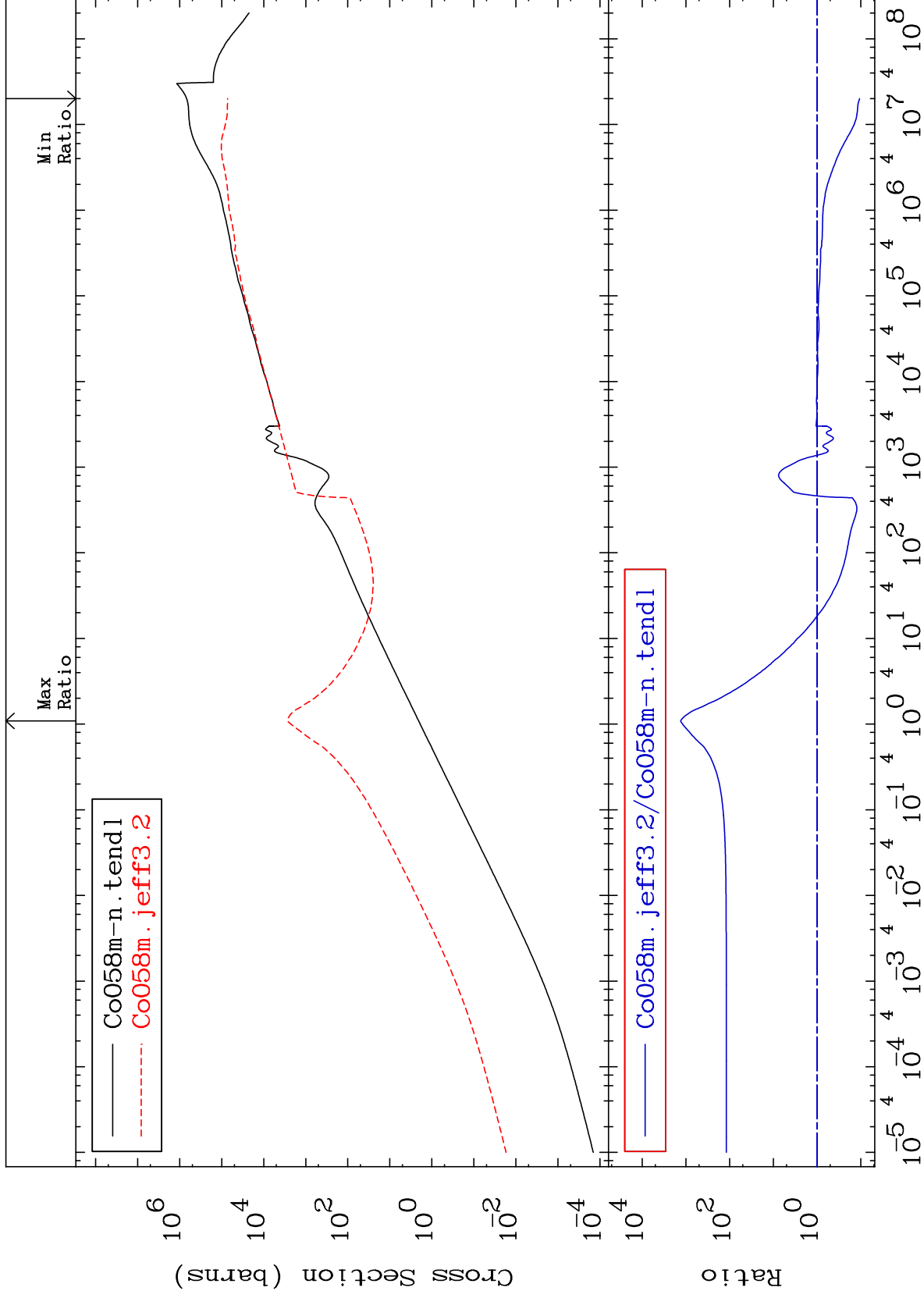
Incident Energy (eV)

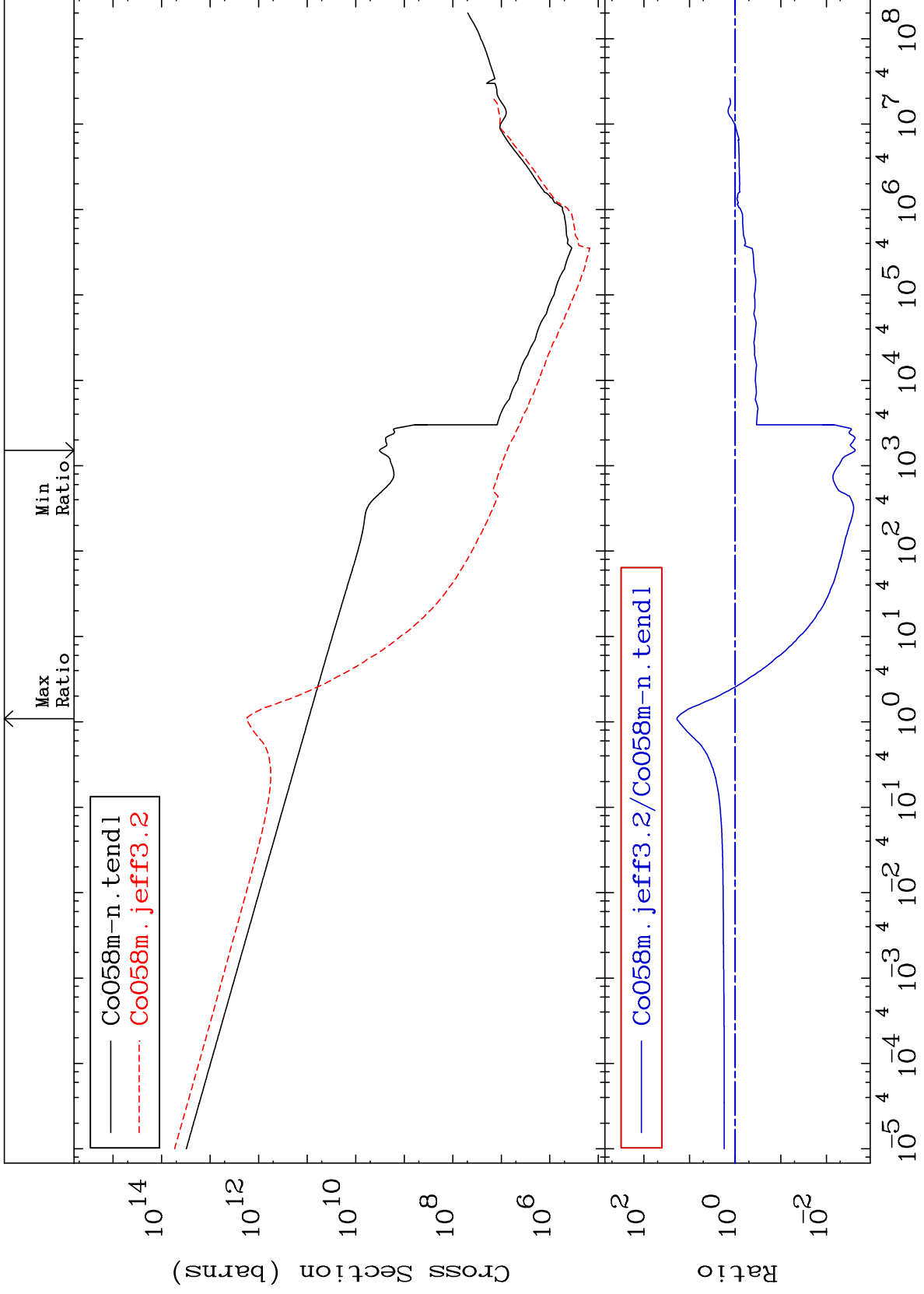
27-Co-58

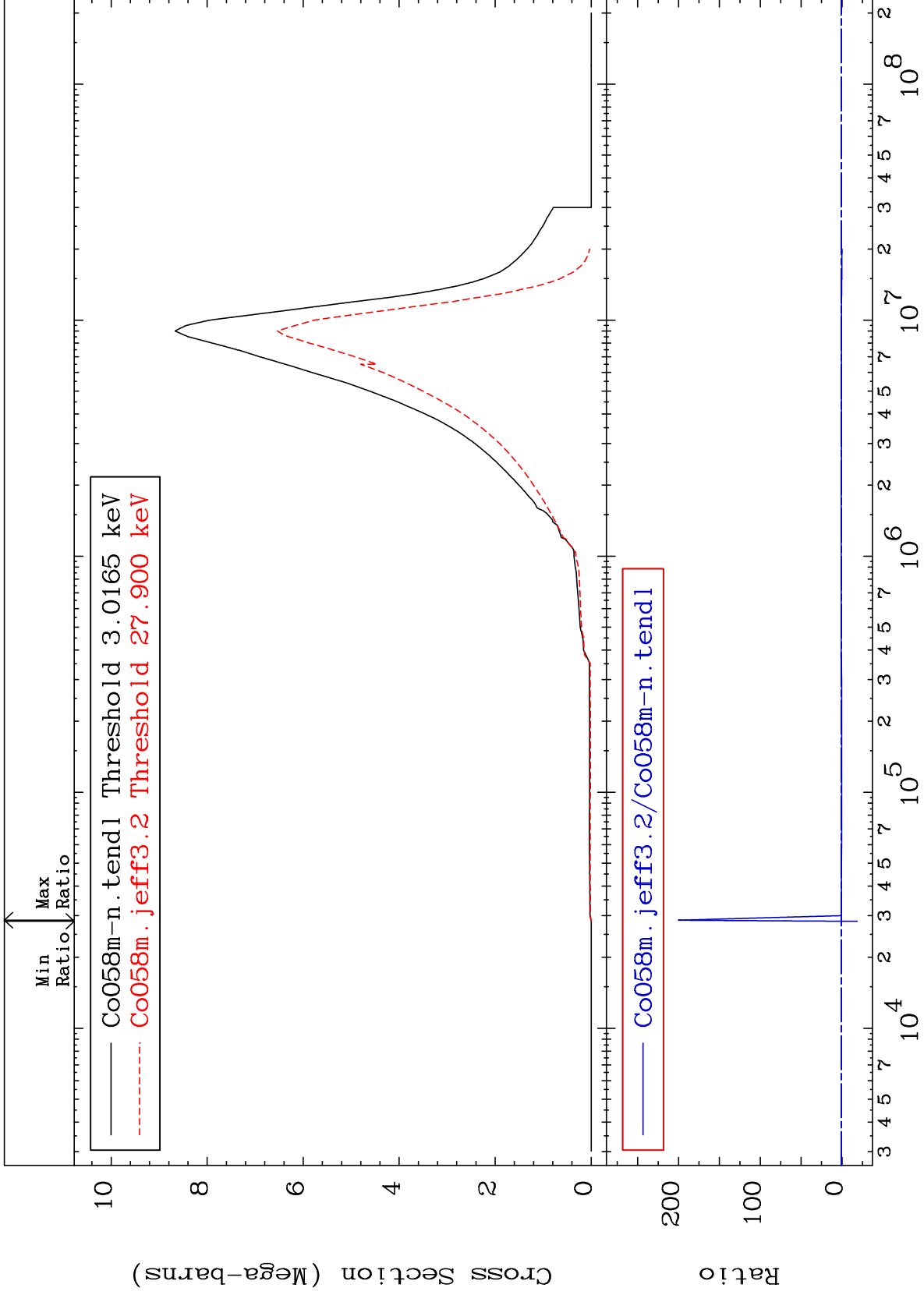
MAT 2723

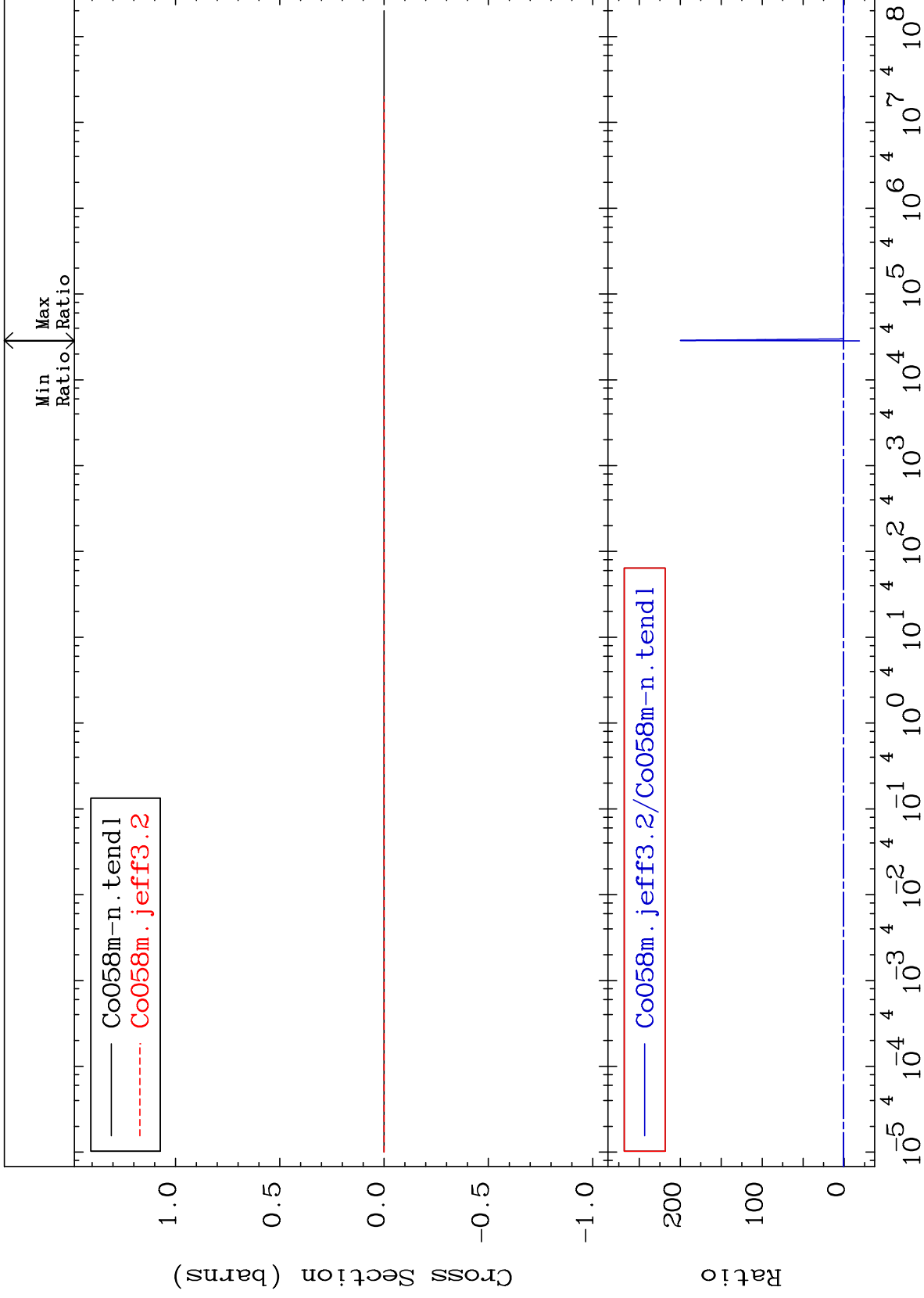
Kerma elastic
Cross Section

27-Co-58
-89.37 To 9999. %





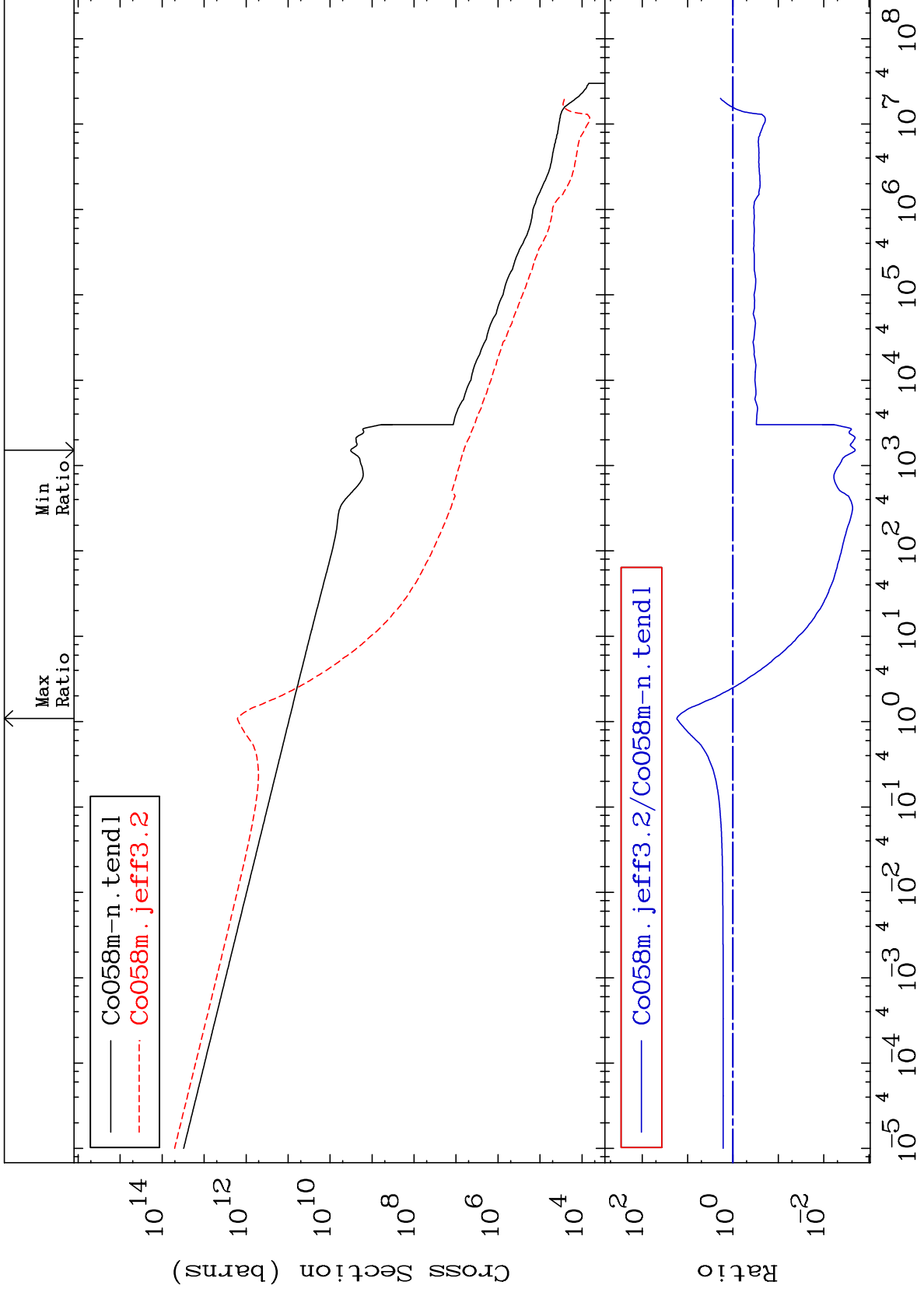


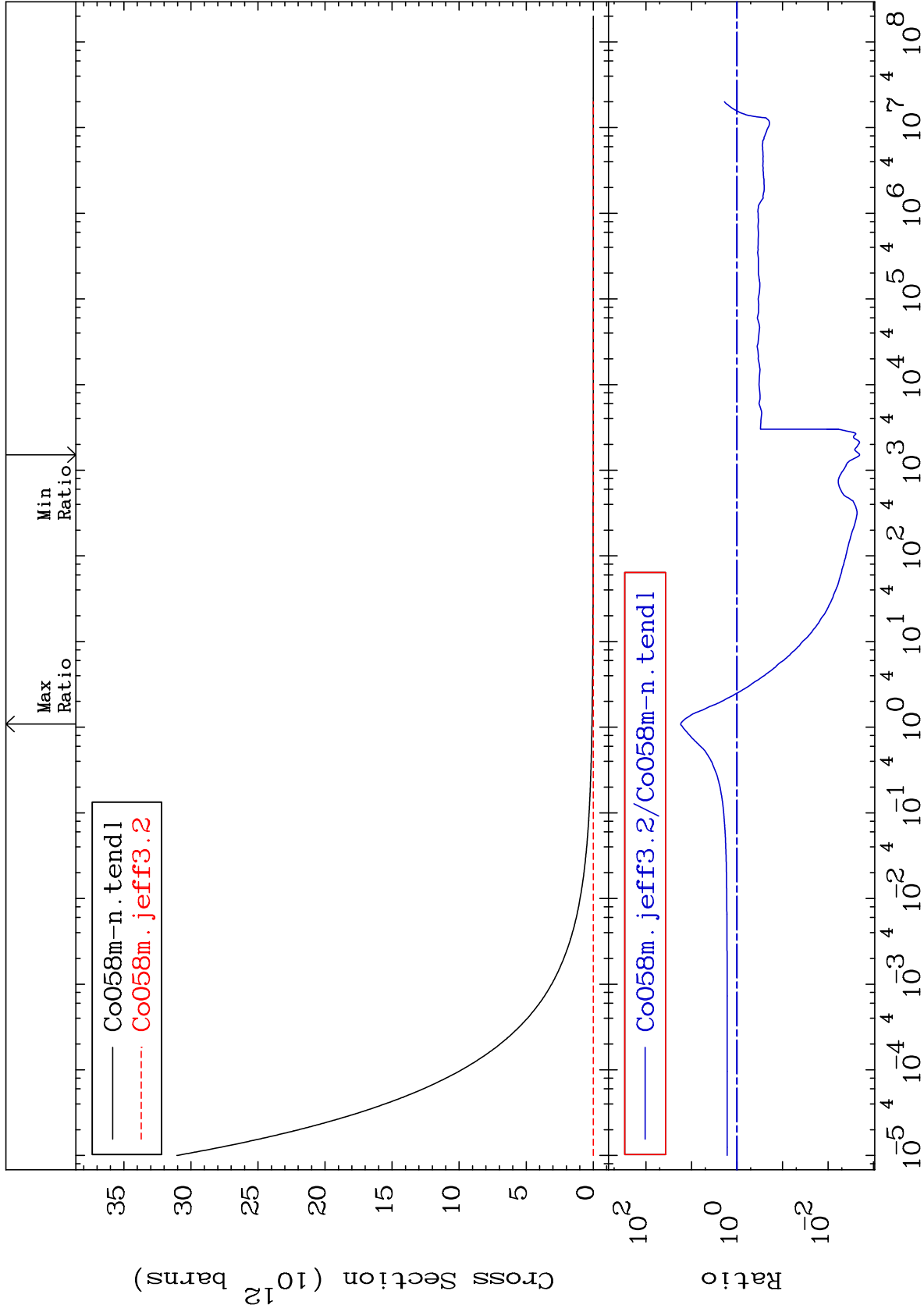


MAT 2723

Kerma capture (mt102)
Cross Section

27-Co-58
-99.80 To 1621. %





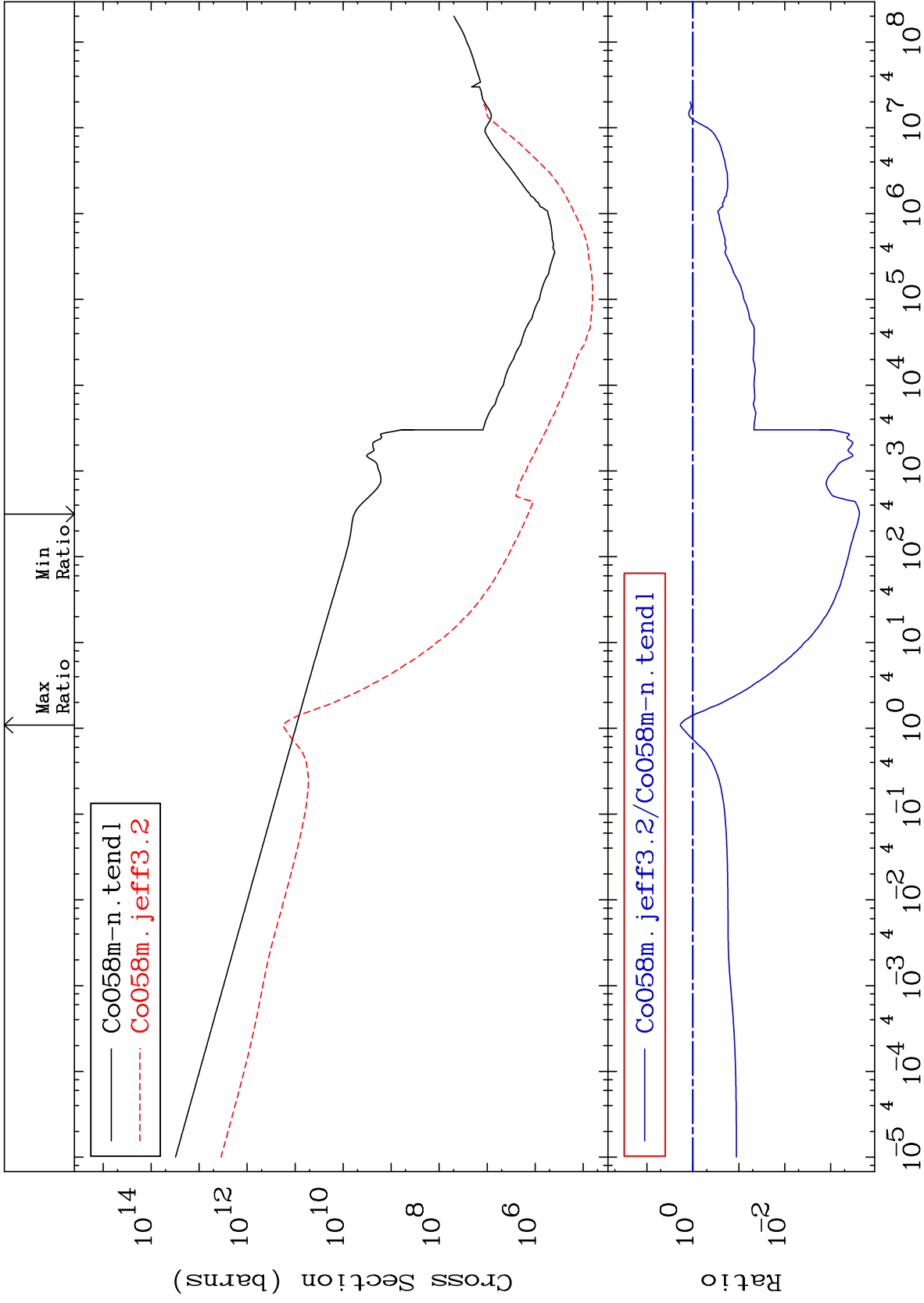
MAT 2723

Total kinematic kerma (high limit)

27-Co-58

-99.98 To 87.62 %

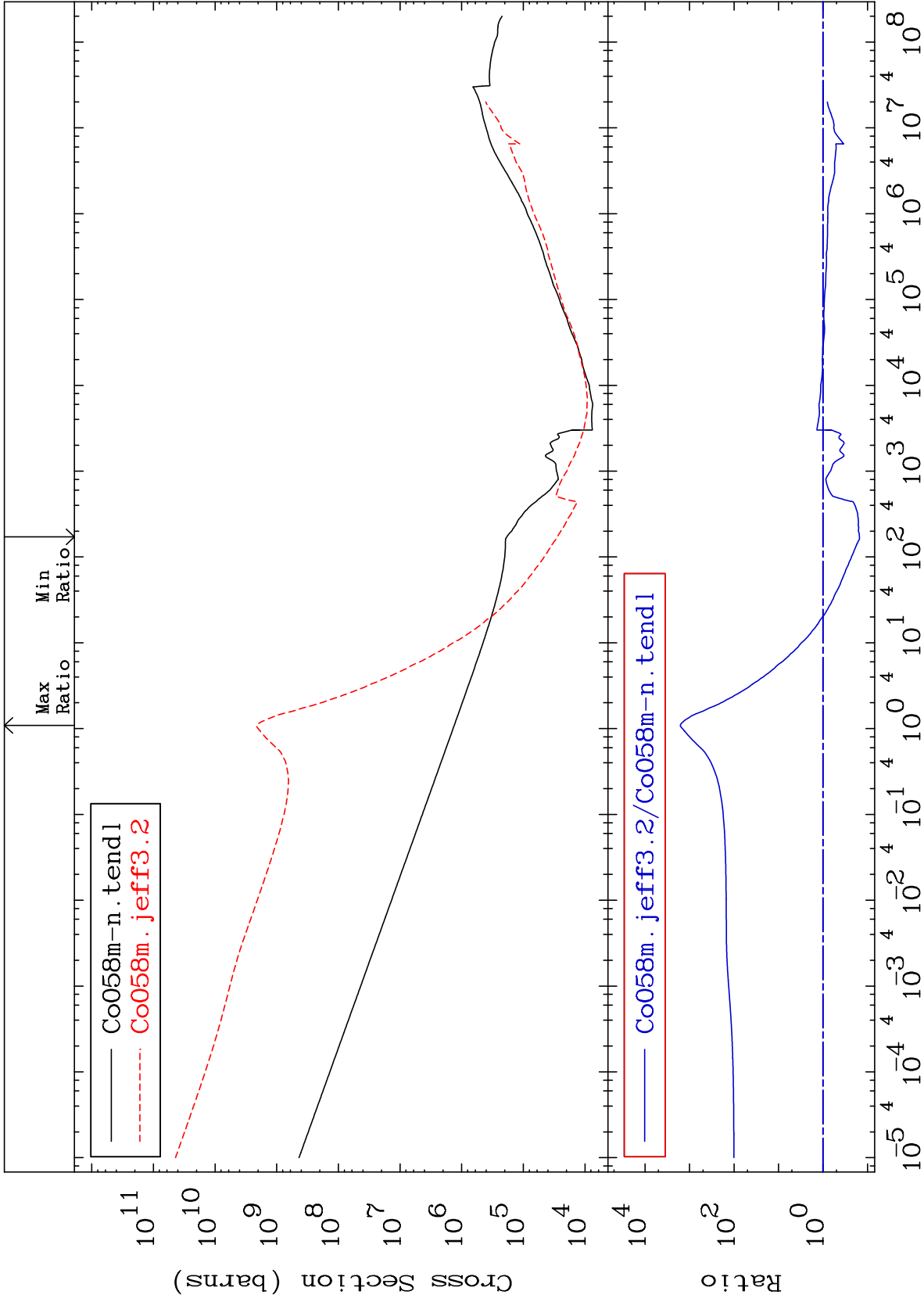
Cross Section



MAT 2723

Dpa total (eV-barns)
Cross Section

27-Co-58
-84.83 To 9999. %



35

27-Co-58

MAT 2723

Dpa elastic (mt2)
Cross Section

27-Co-58
-85.36 To 611.6 %

