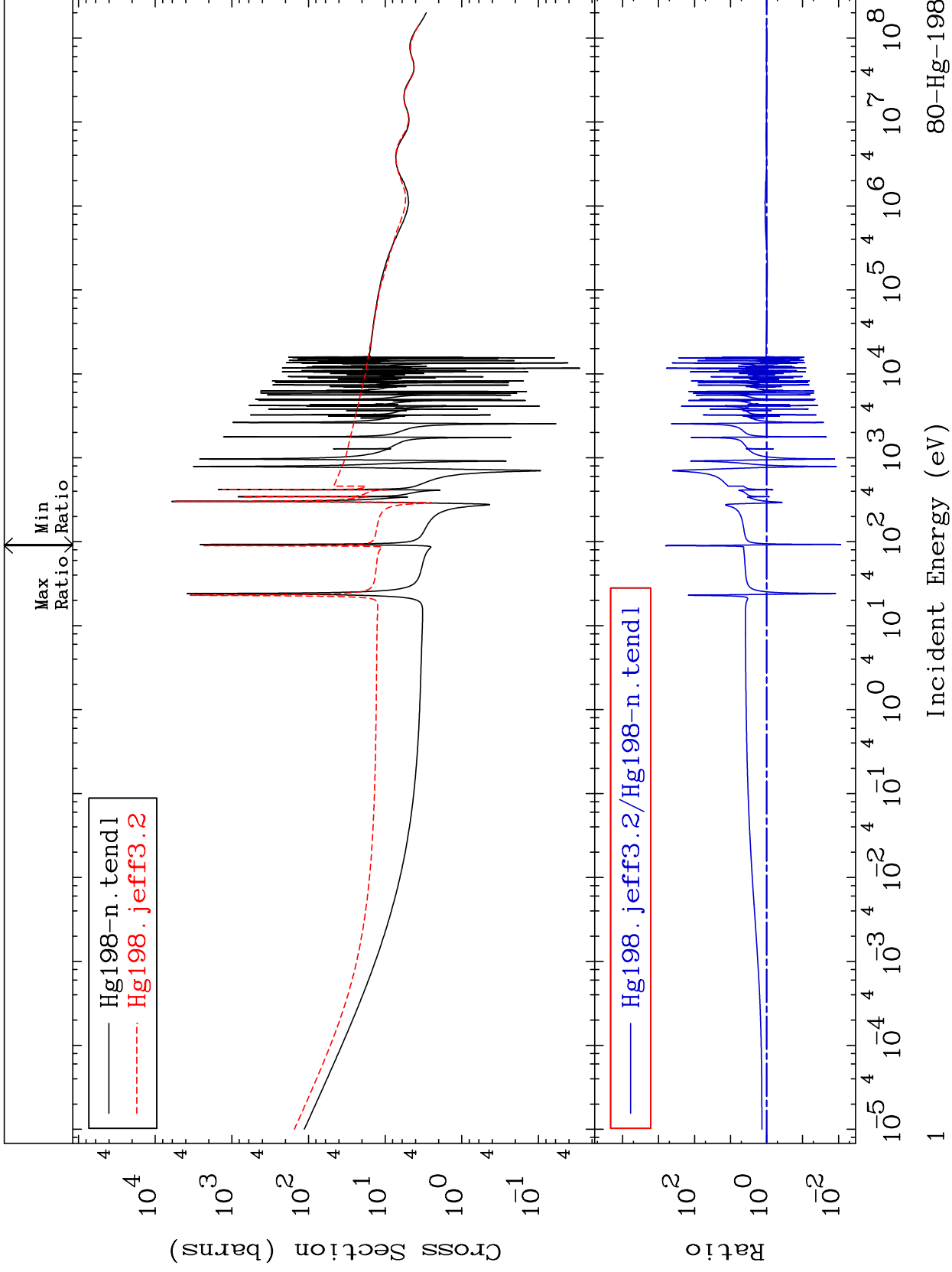


MAT 8031

Total
Cross Section

80-Hg-198
-99.13 To 9999. %



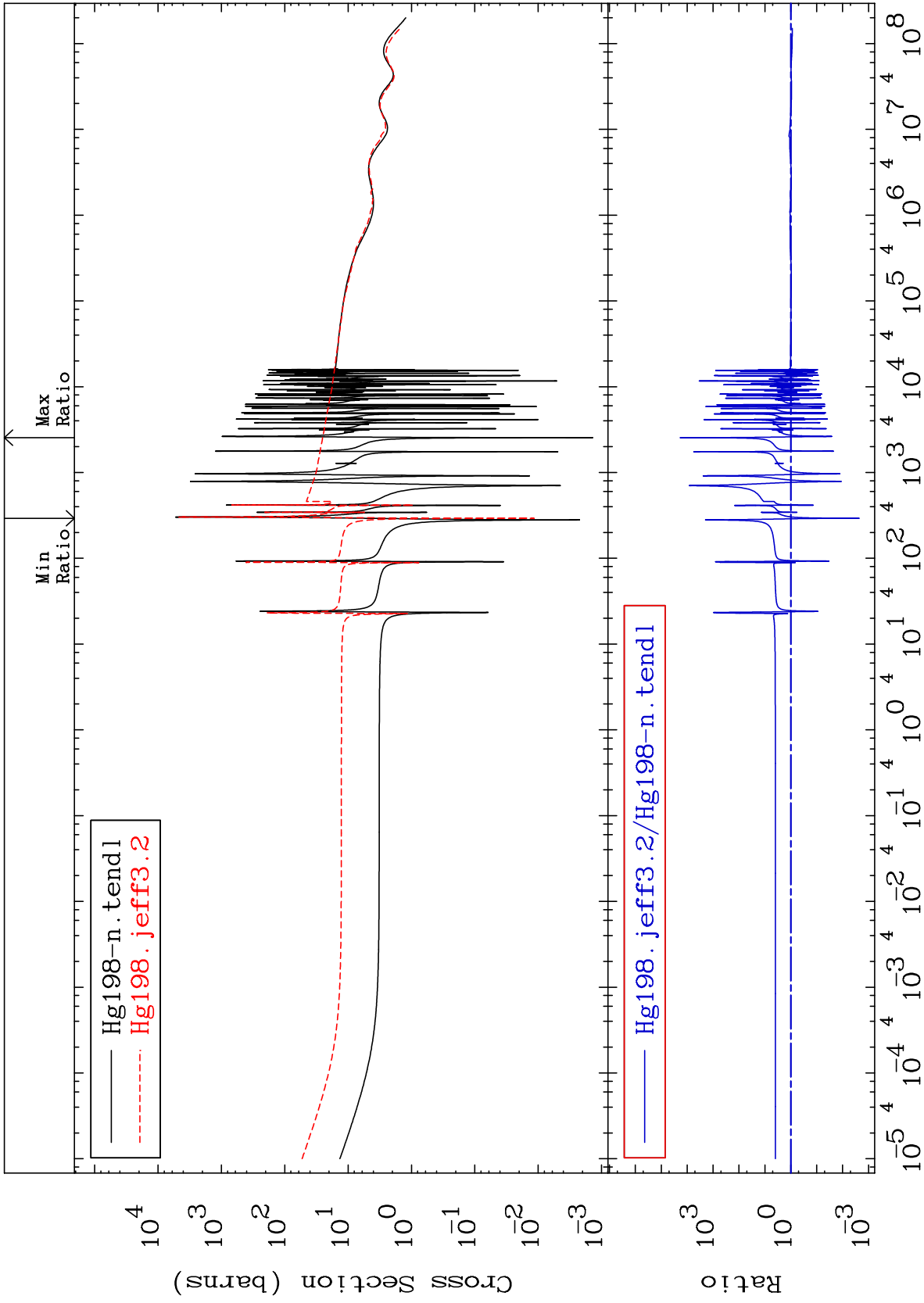
80-Hg-198

Incident Energy (eV)

MAT 8031

Elastic
Cross Section

80-Hg-198
-99.78 To 9999. %



2

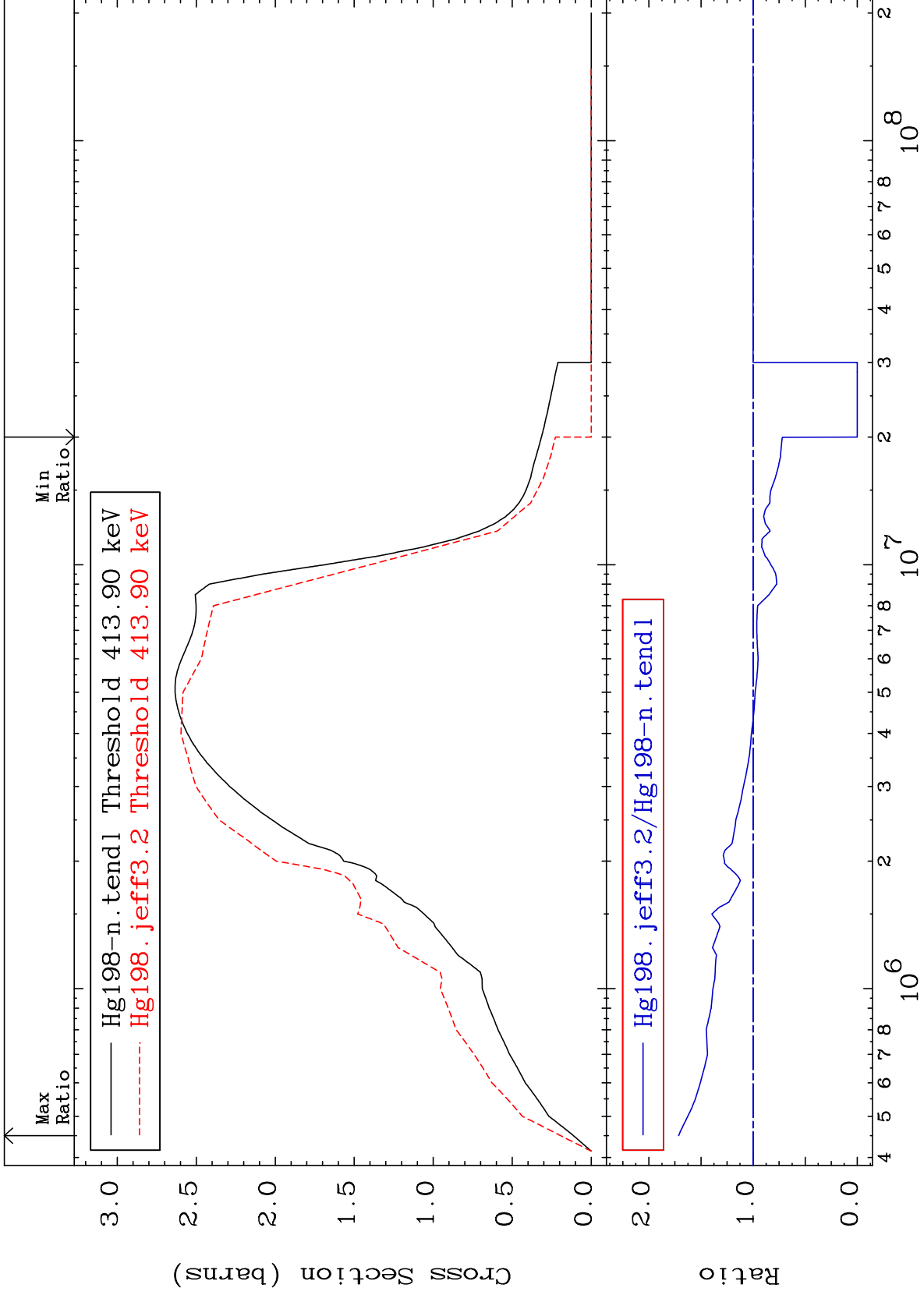
Incident Energy (eV)

80-Hg-198

MAT 8031

Inelastic
Cross Section

80-Hg-198
-100.0 To 71.43 %

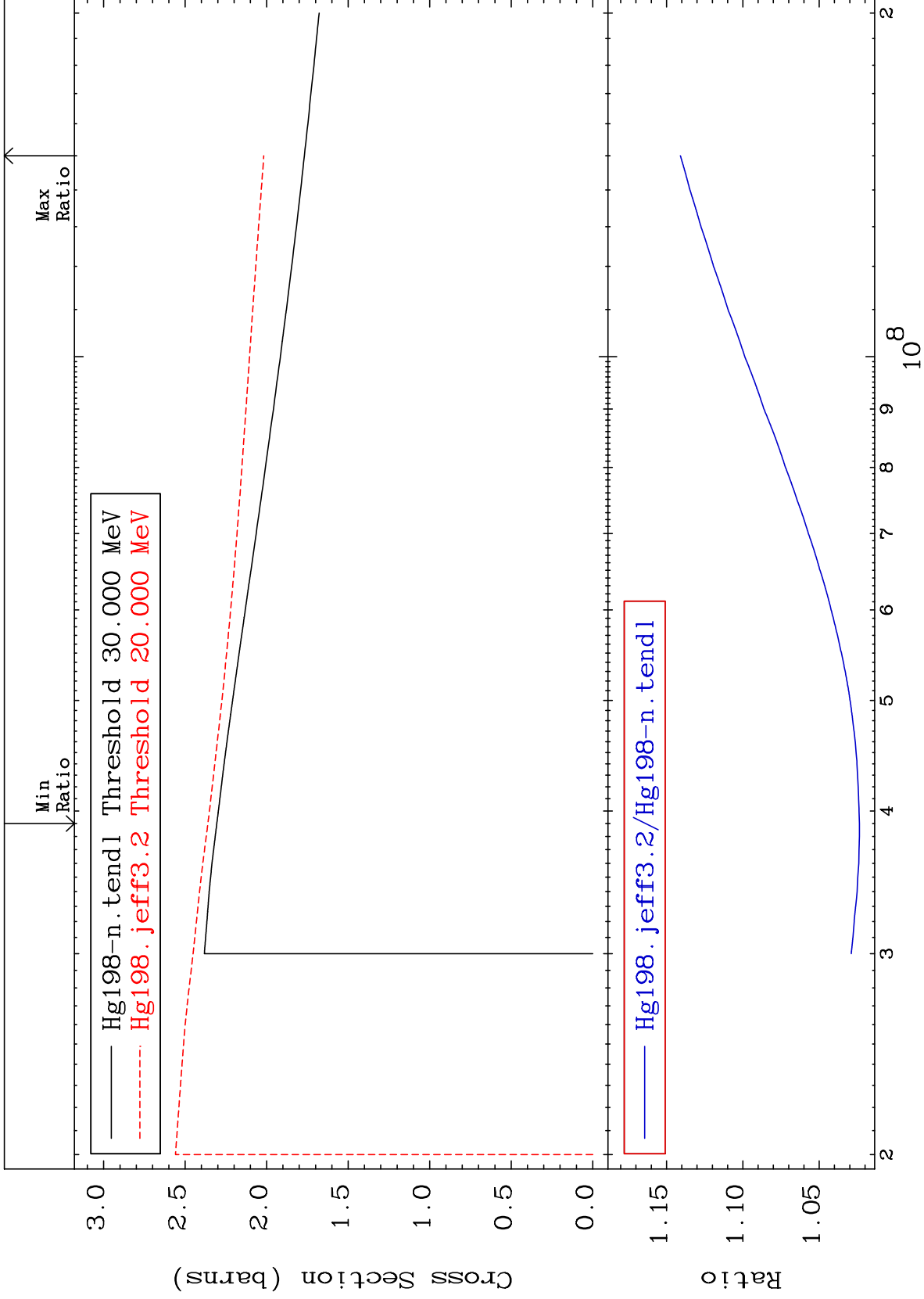


3

MAT 8031

(n, remainder)
Cross Section

80-Hg-198
To 14.09 %
2.365



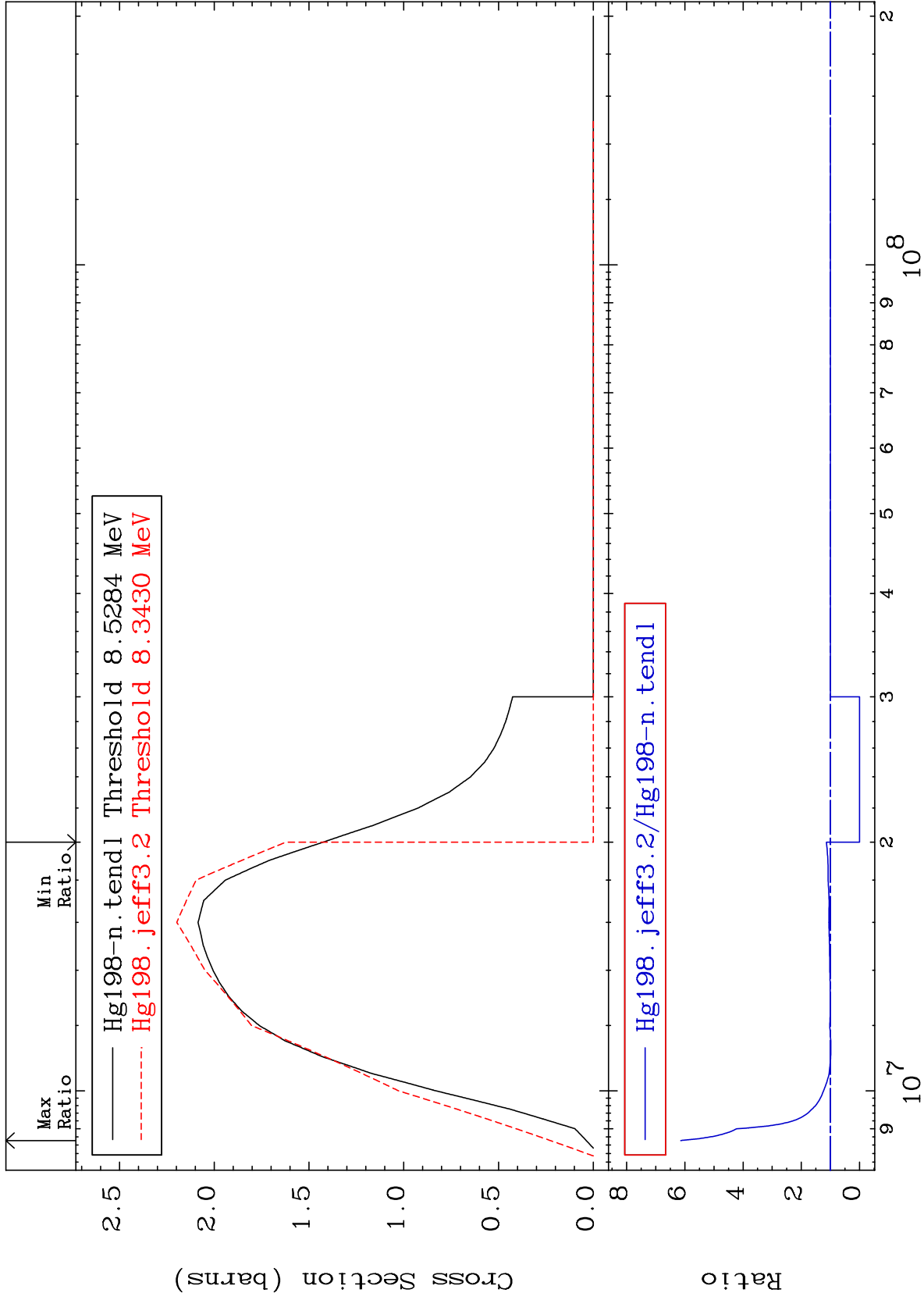
MAT 8031

(n,2n)

80-Hg-198

Cross Section

-100.0 To 514.0 %



80-Hg-198

80-Hg-198

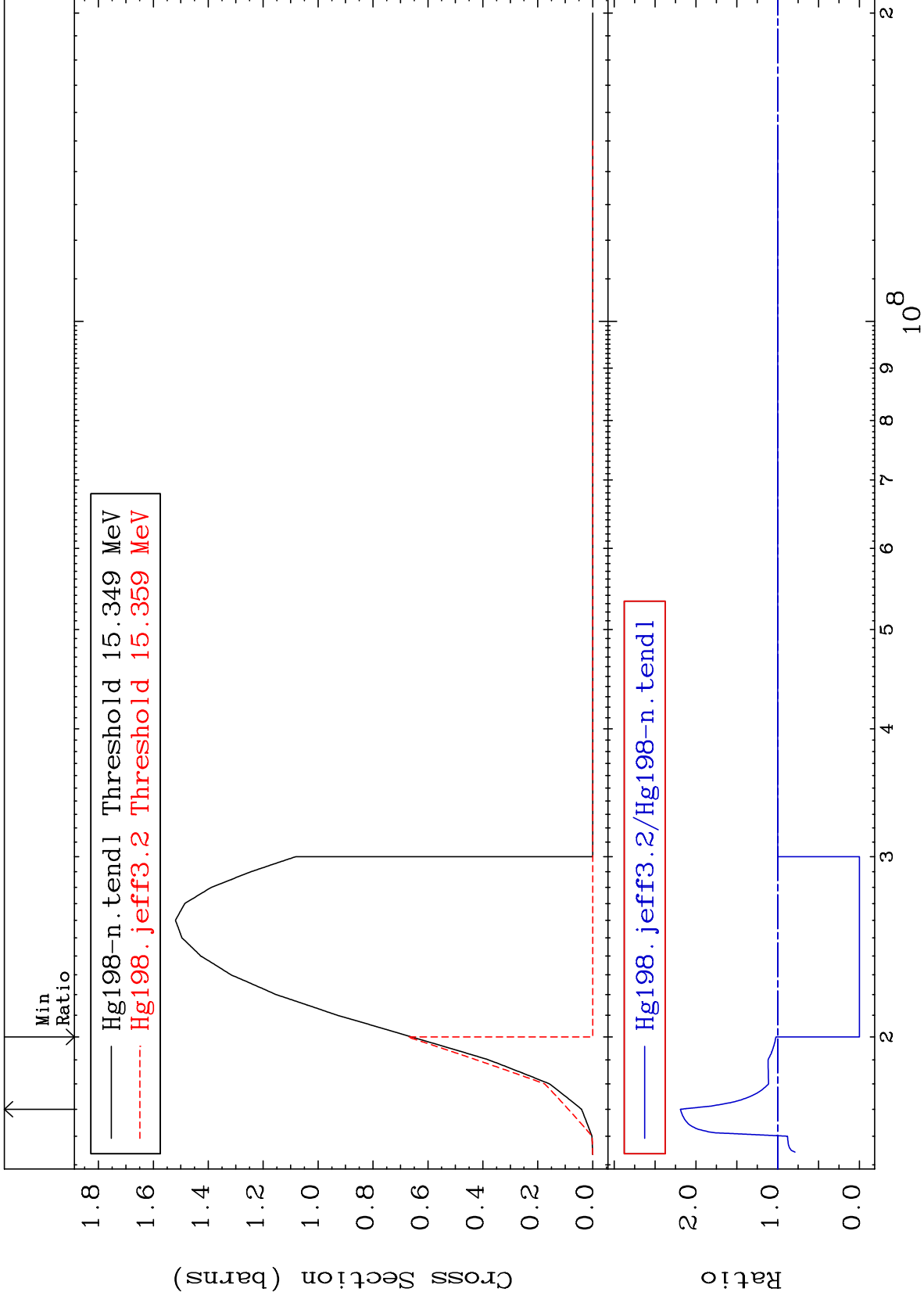
MAT 8031

(n,3n)

80-Hg-198

Cross Section

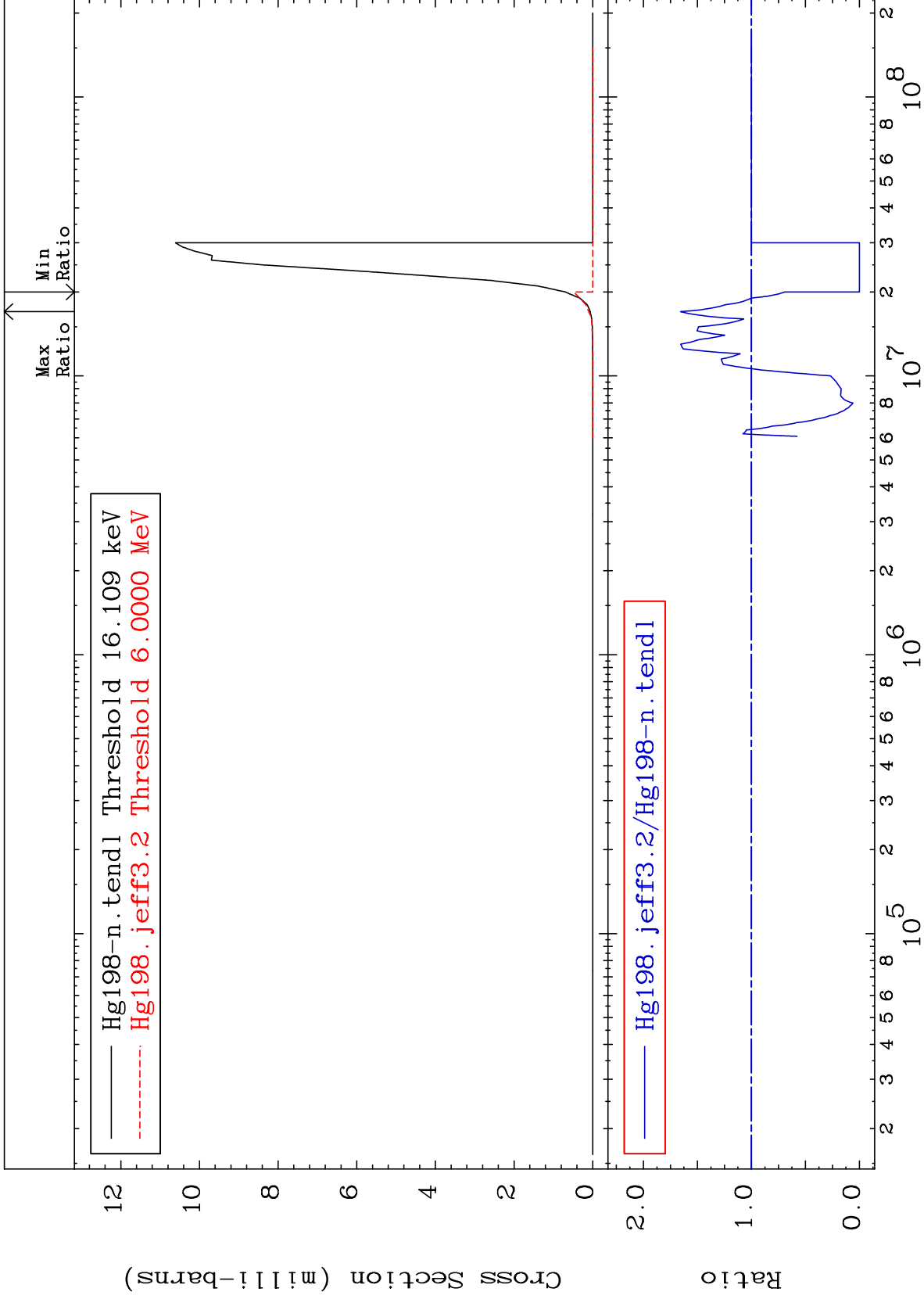
-100.0 To 119.1 %



MAT 8031

$(n, n') \alpha$
Cross Section

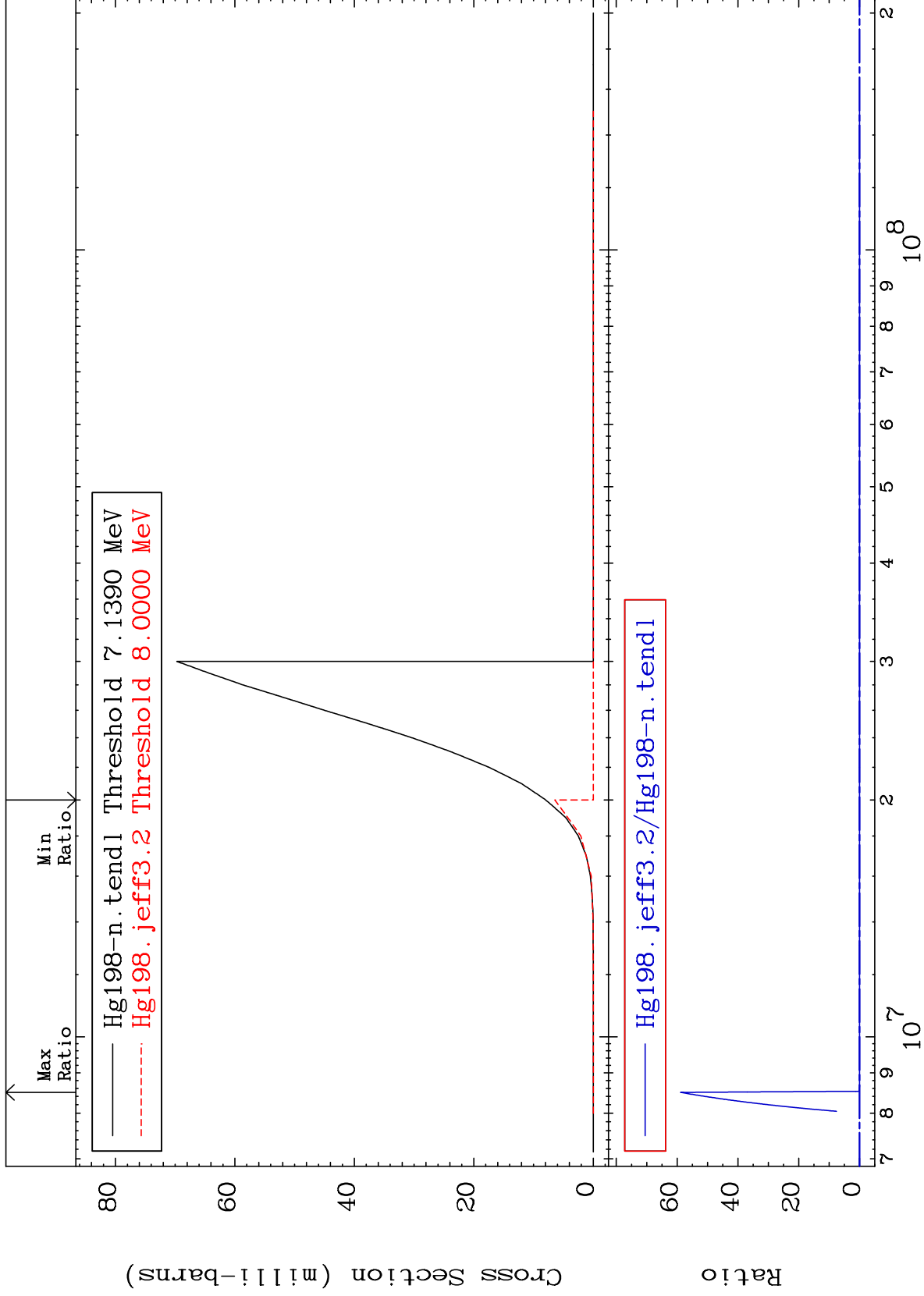
80-Hg-198
-100.0 To 65.79 %



MAT 8031

(n,n') p
Cross Section

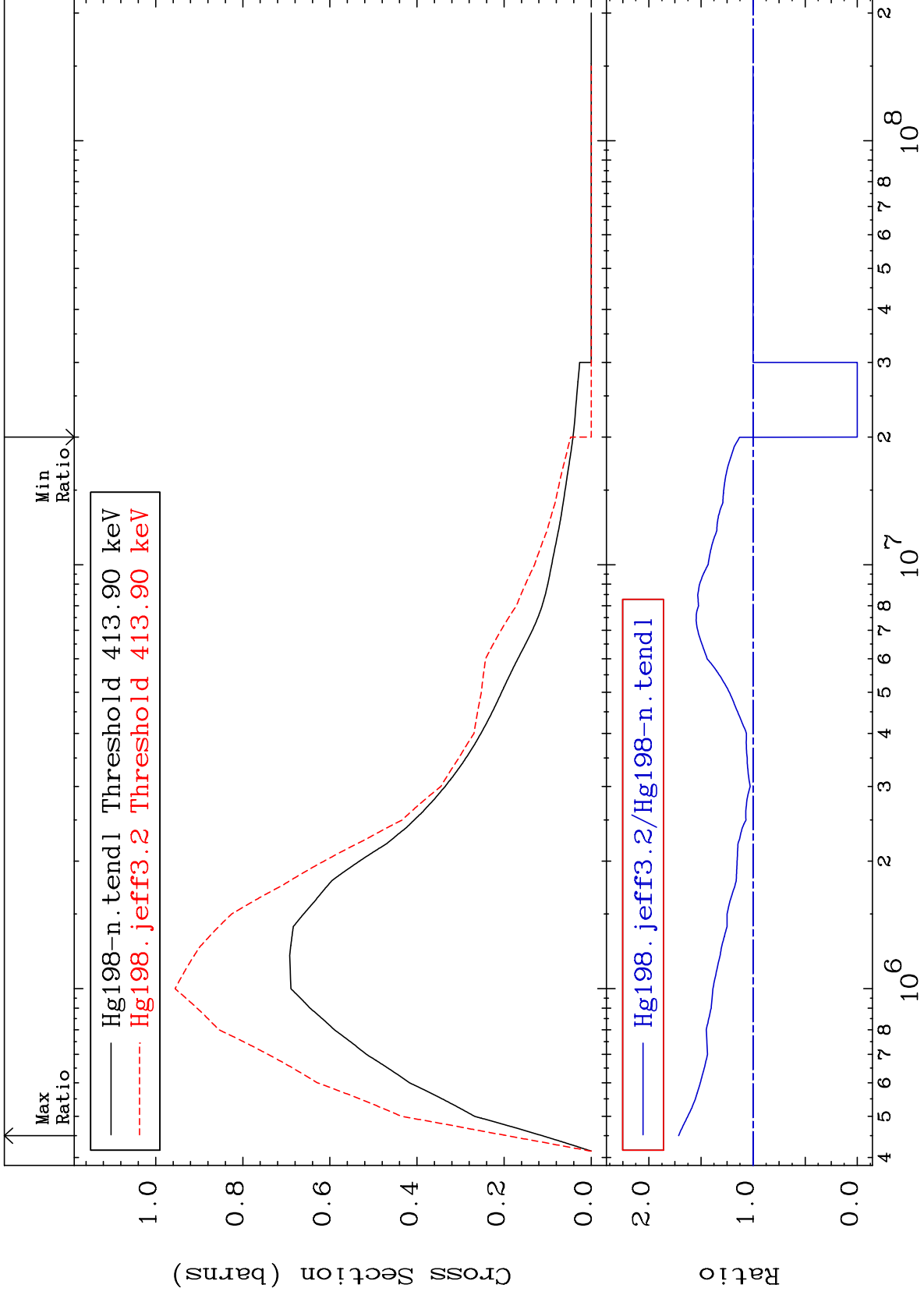
80-Hg-198
-100.0 To 9999. %



MAT 8031

411.8 keV (n,n') Level
Cross Section

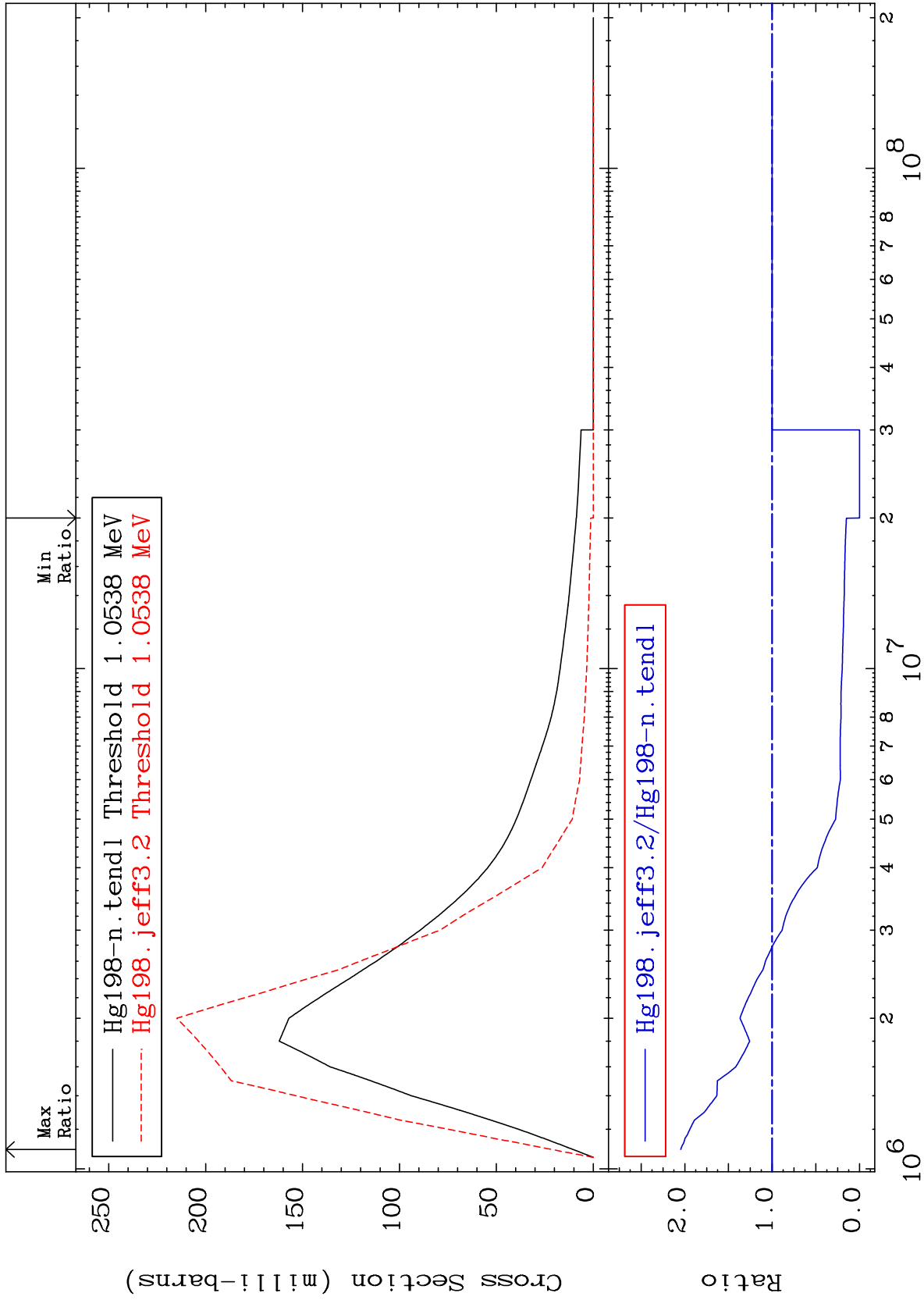
80-Hg-198
-100.0 To 71.43 %



MAT 8031

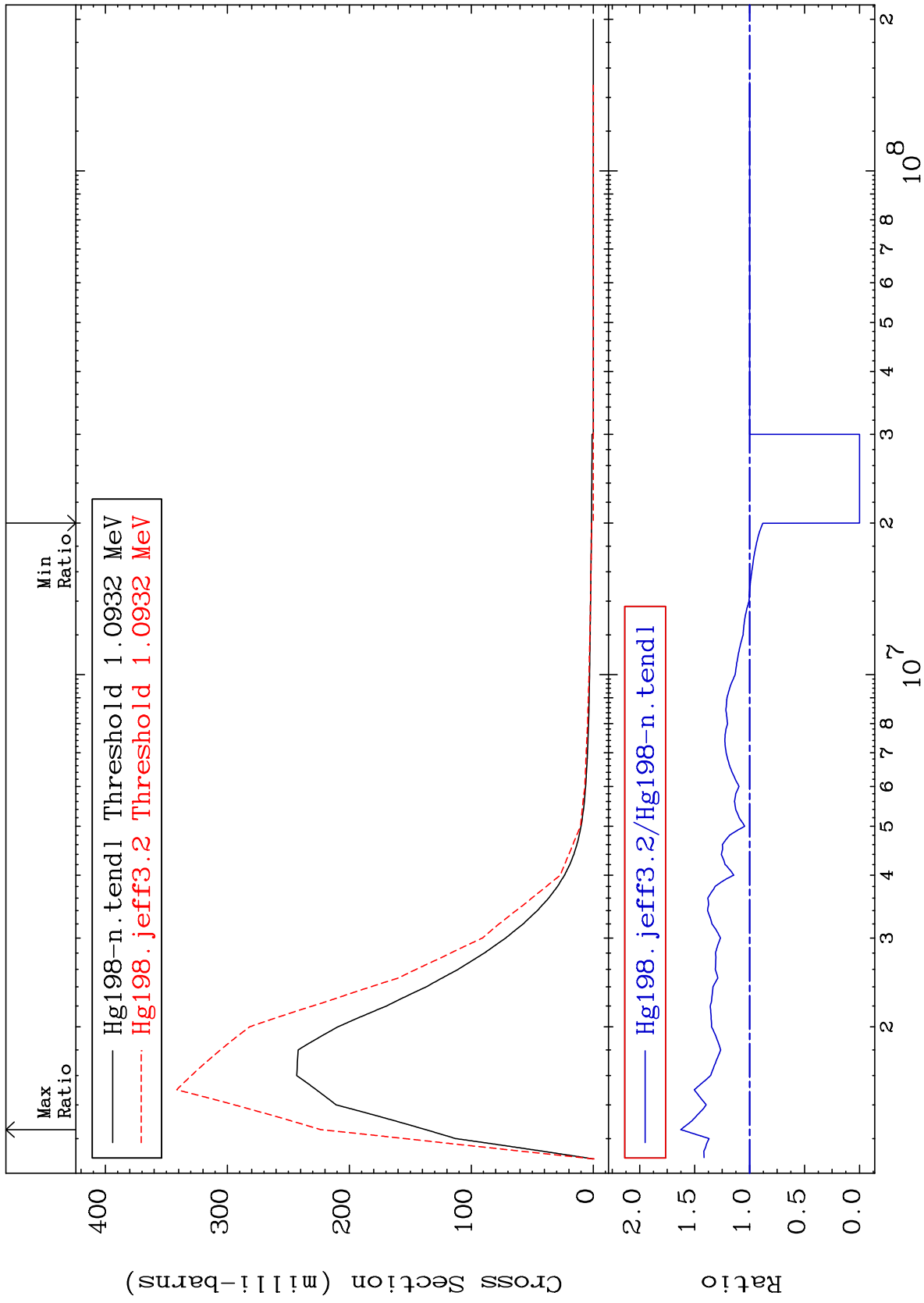
1.048 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To 104.6 %



80-Hg-198

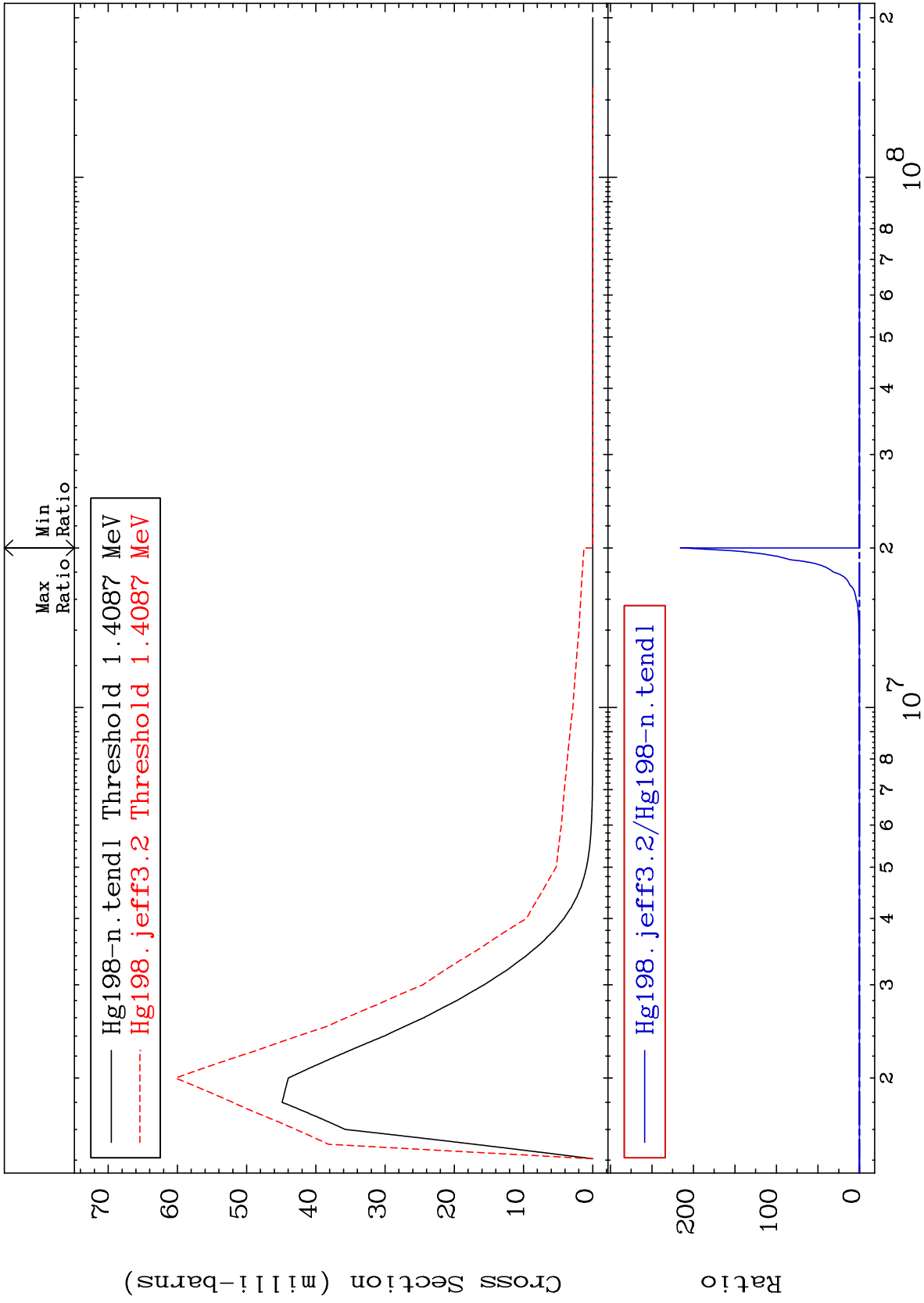
MAT 8031 1.088 MeV (n,n') Level 80-Hg-198
 Cross Section -100.0 To 62.64 %



MAT 8031

1.402 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To 9999. %



12

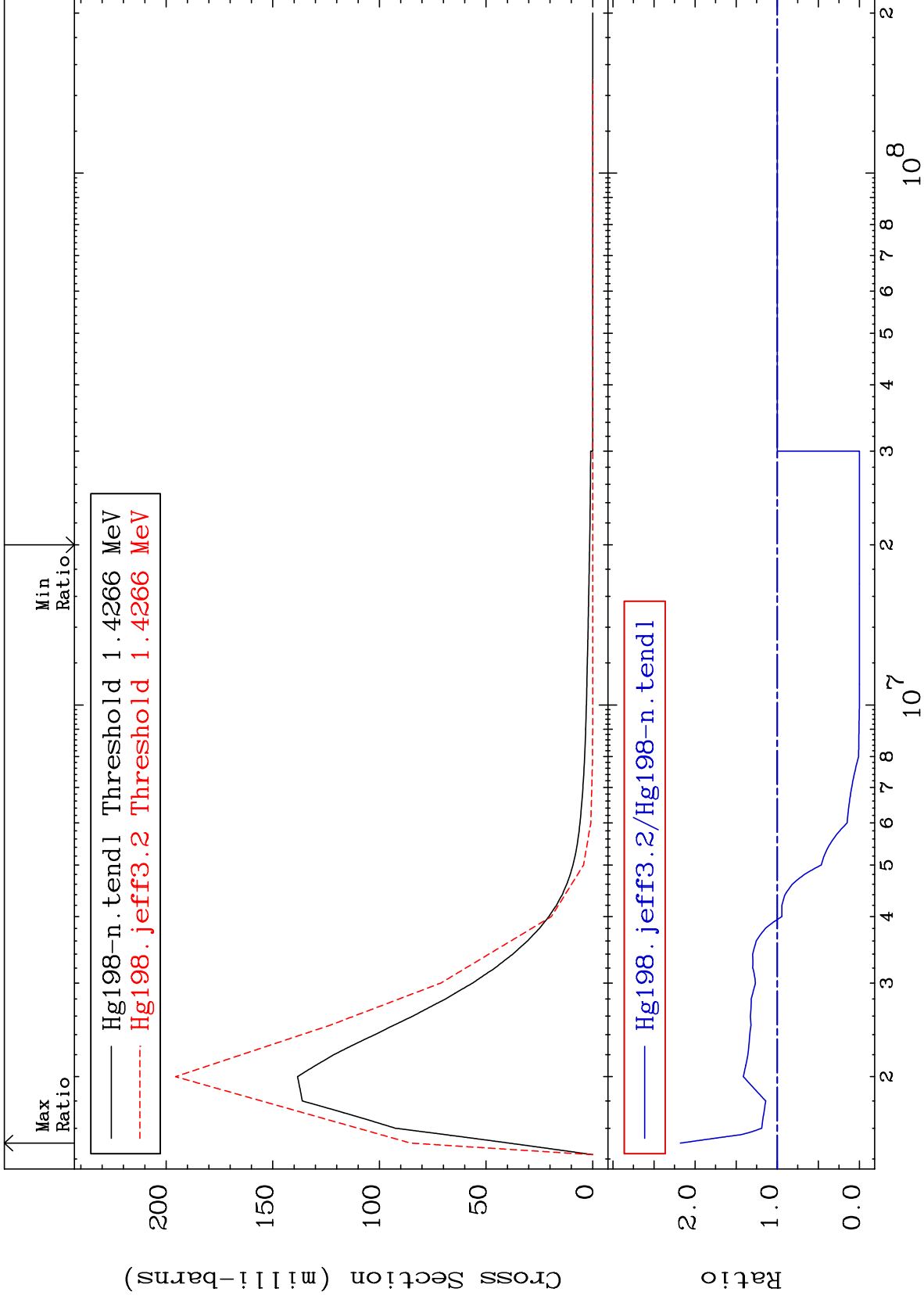
Incident Energy (eV)

80-Hg-198

MAT 8031

1.419 MeV (n,n') Level
Cross Section

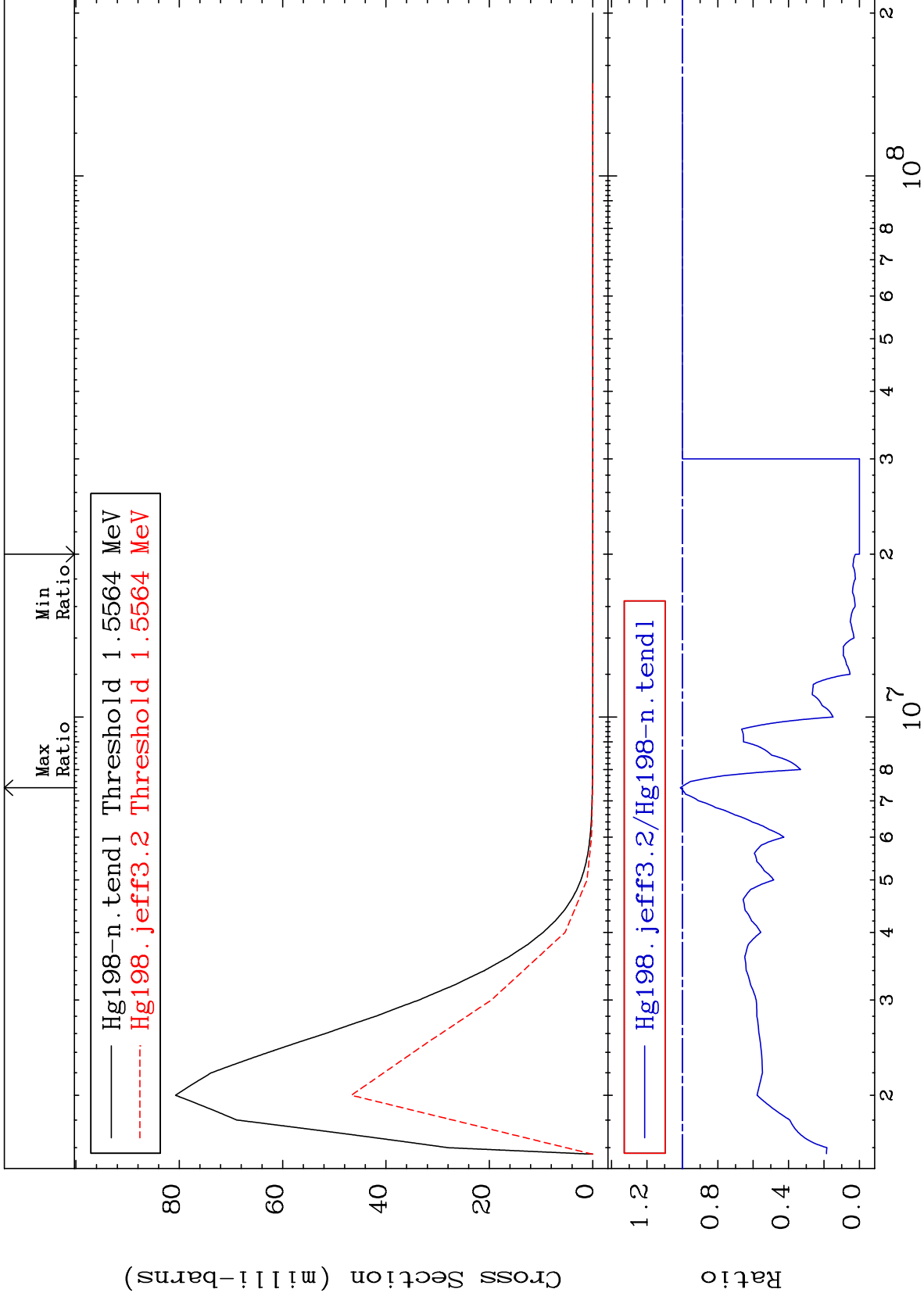
80-Hg-198
-100.0 To 117.9 %



MAT 8031

1.548 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To 1.130 %



14

Incident Energy (eV)

80-Hg-198

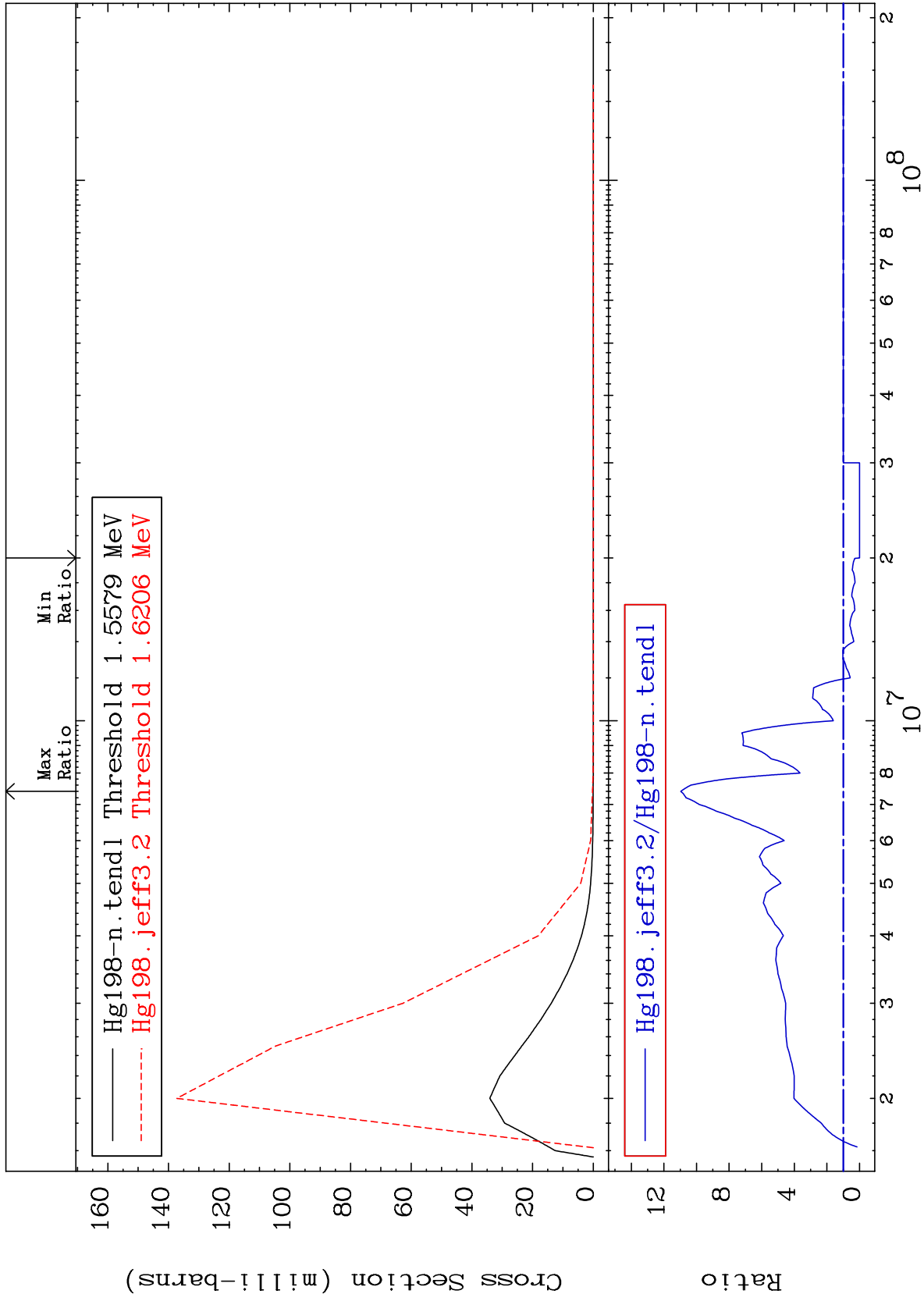
MAT 8031

1.550 MeV (n,n') Level

80-Hg-198

-100.0 To 996.5 %

Cross Section



15

Incident Energy (eV)

80-Hg-198

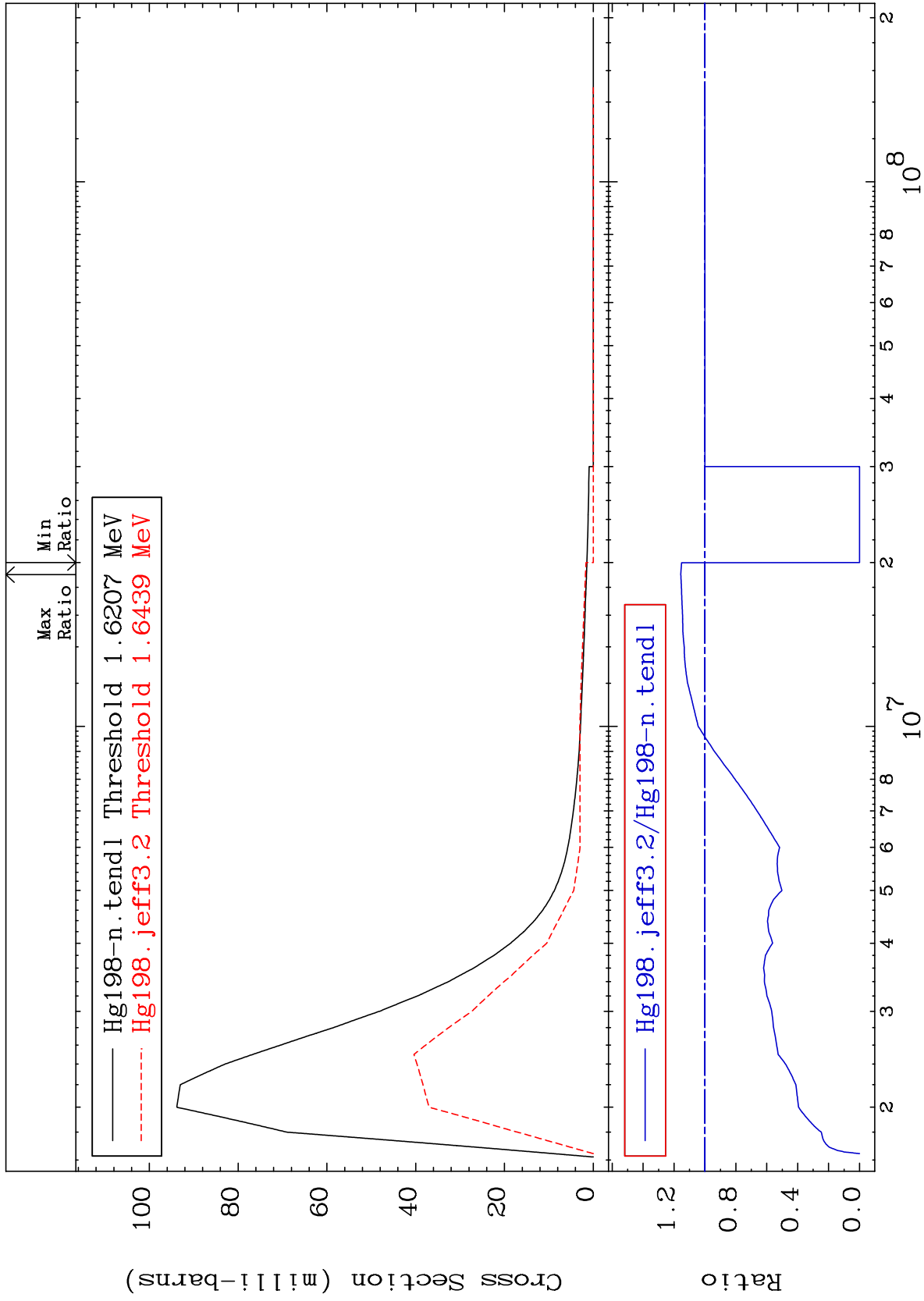
MAT 8031

1.612 MeV (n,n') Level

80-Hg-198

-100.0 To 15.64 %

Cross Section

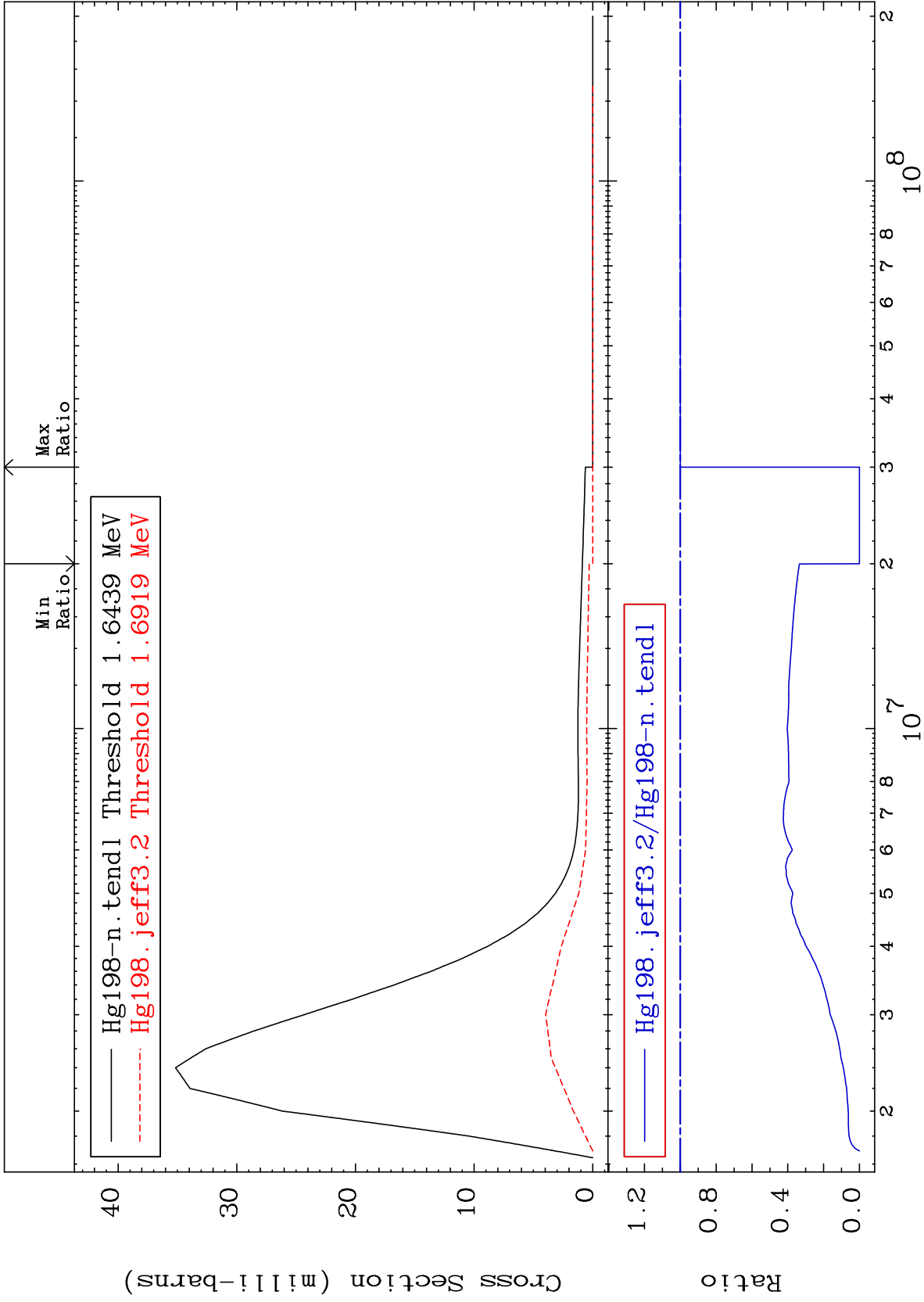


MAT 8031

1.636 MeV (n,n') Level

80-Hg-198

-100.0 To 0.000 %



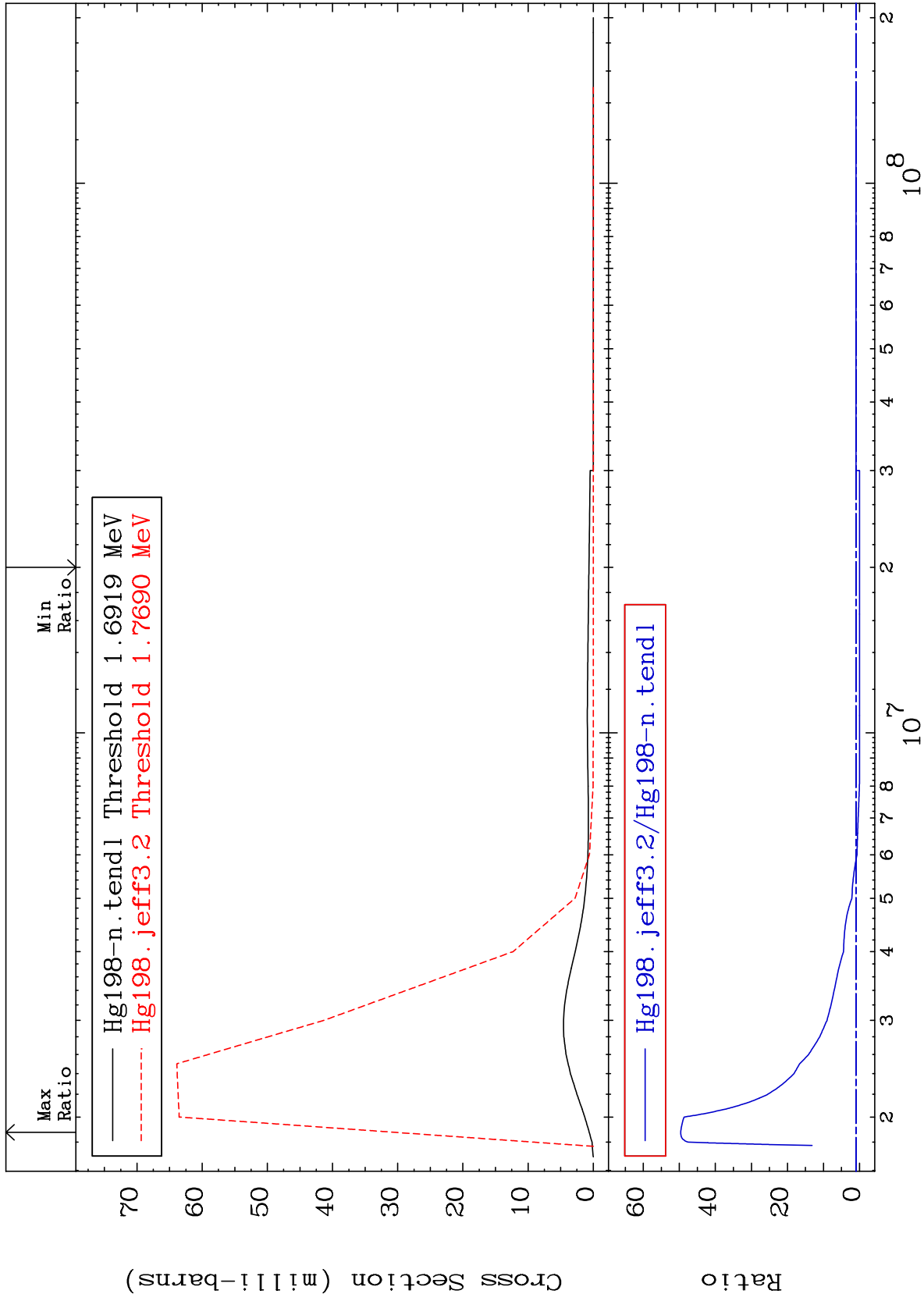
MAT 8031

1.683 MeV (n,n') Level

80-Hg-198

-100.0 To 4860. %

Cross Section



18

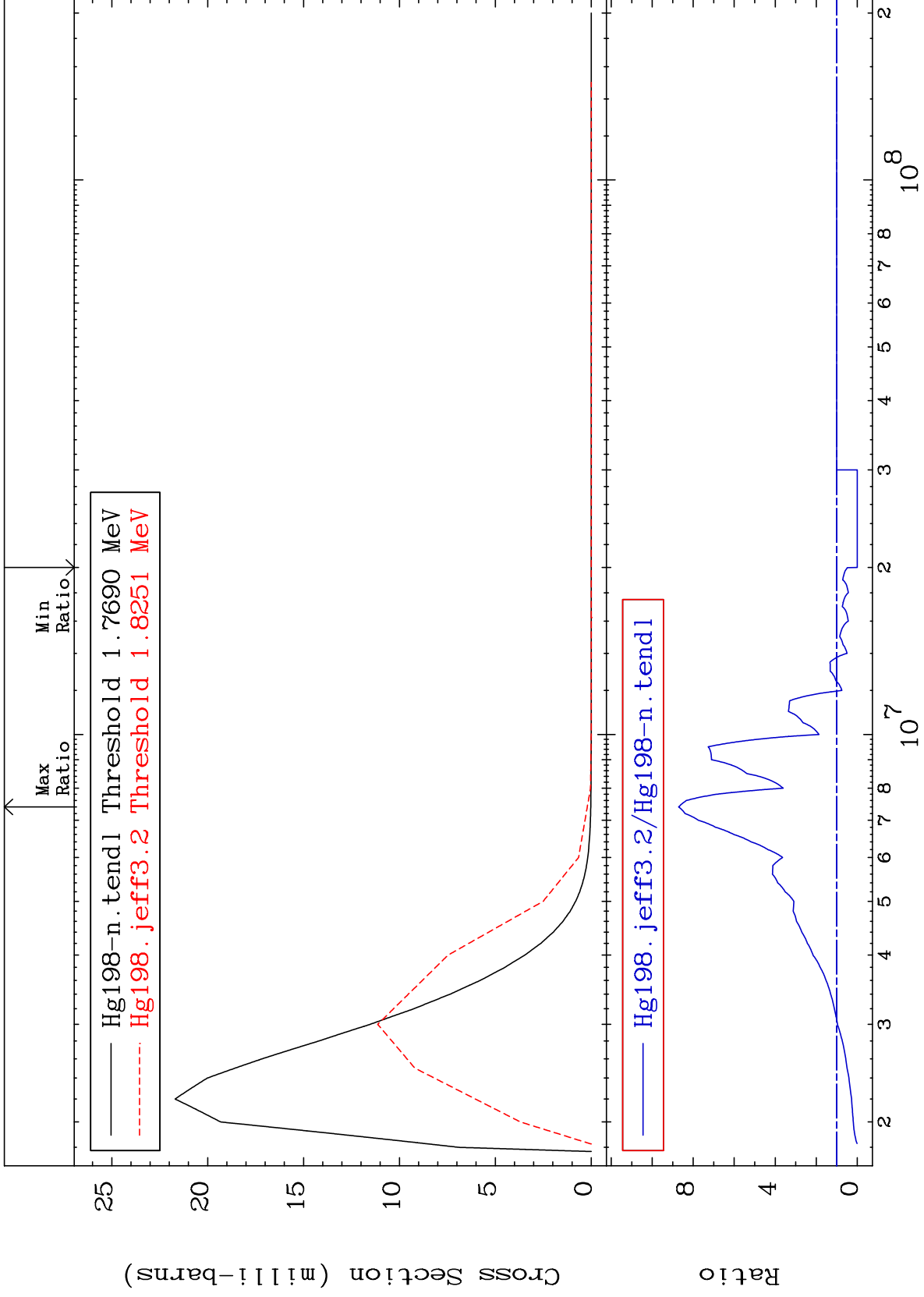
Incident Energy (eV)

80-Hg-198

MAT 8031

1.760 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To 771.1 %



19

80-Hg-198

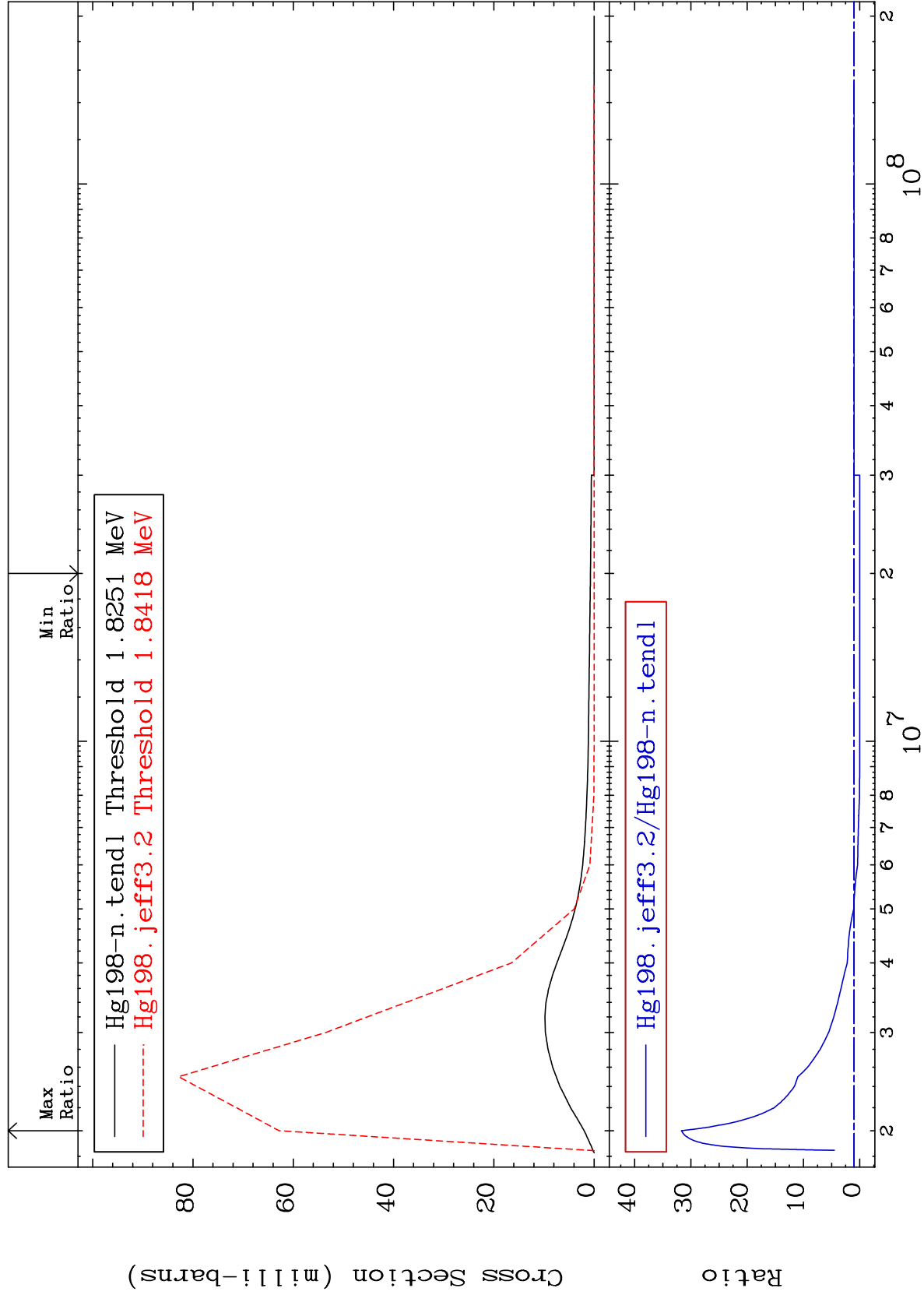
MAT 8031

1.816 MeV (n,n') Level

80-Hg-198

-100.0 To 3070. %

Cross Section



20

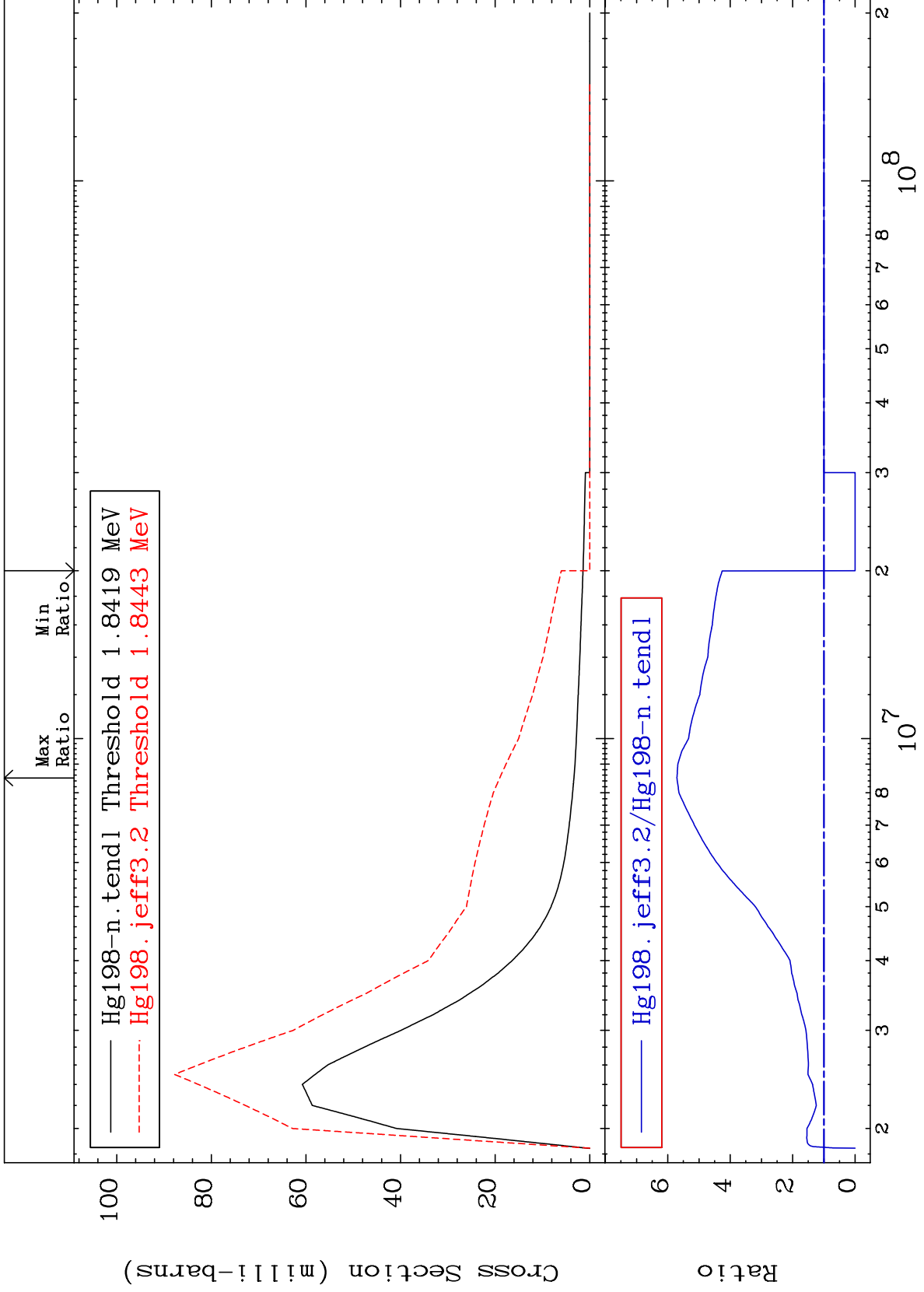
Incident Energy (eV)

80-Hg-198

MAT 8031

1.833 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To 470.6 %



21

Incident Energy (eV)

80-Hg-198

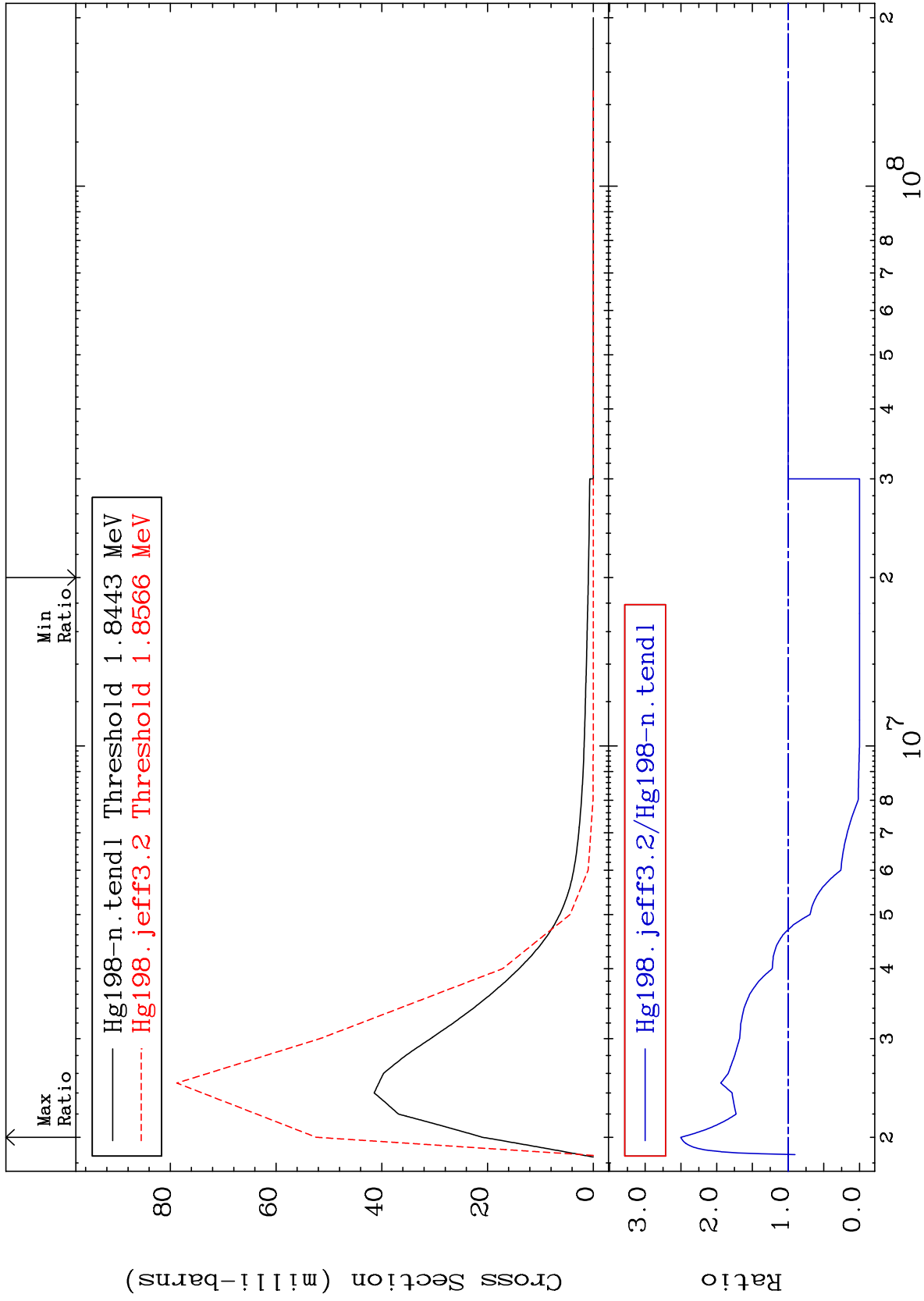
MAT 8031

1.835 MeV (n,n') Level

80-Hg-198

-100.0 To 150.2 %

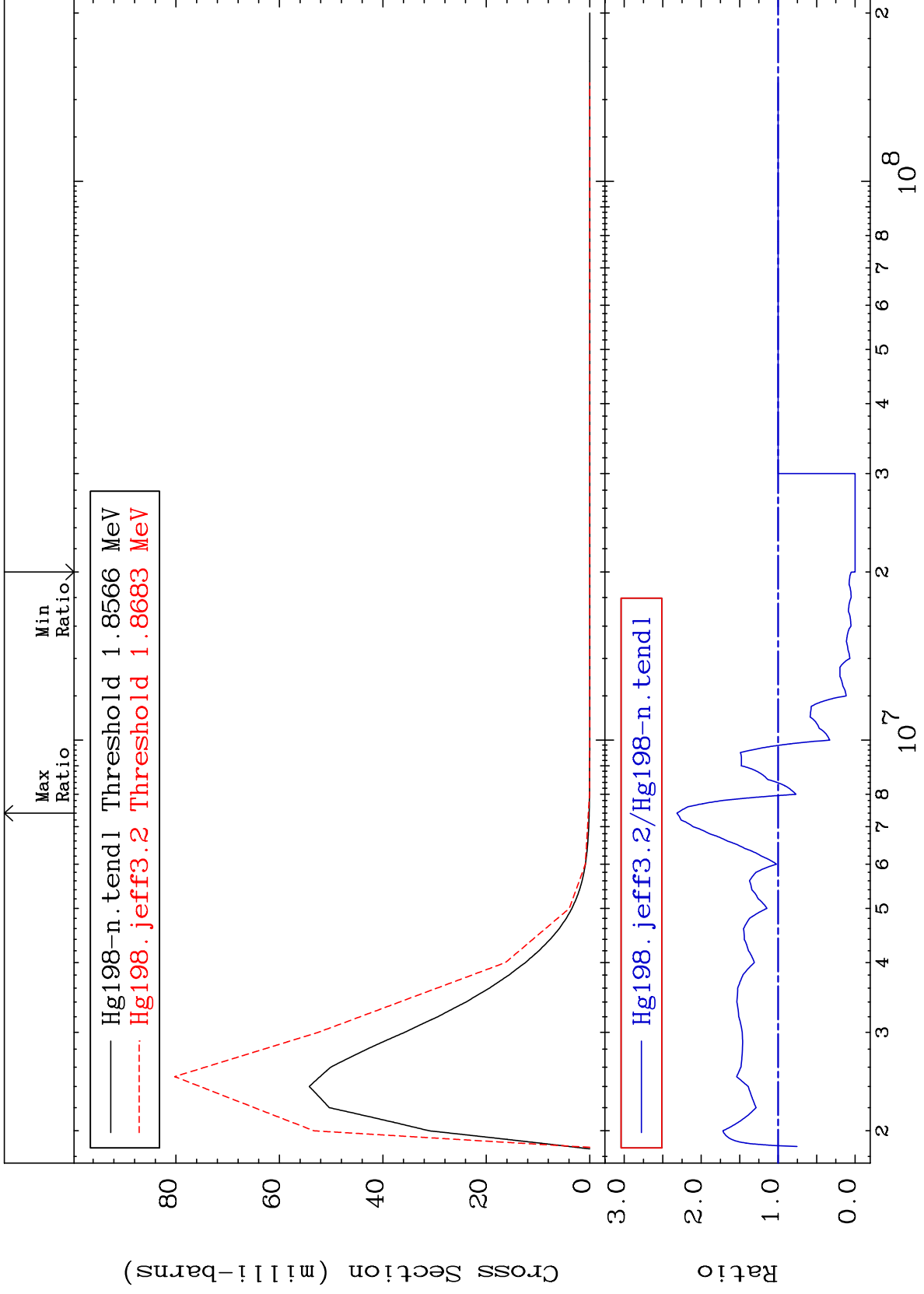
Cross Section



MAT 8031

1.847 MeV (n,n') Level
Cross Section

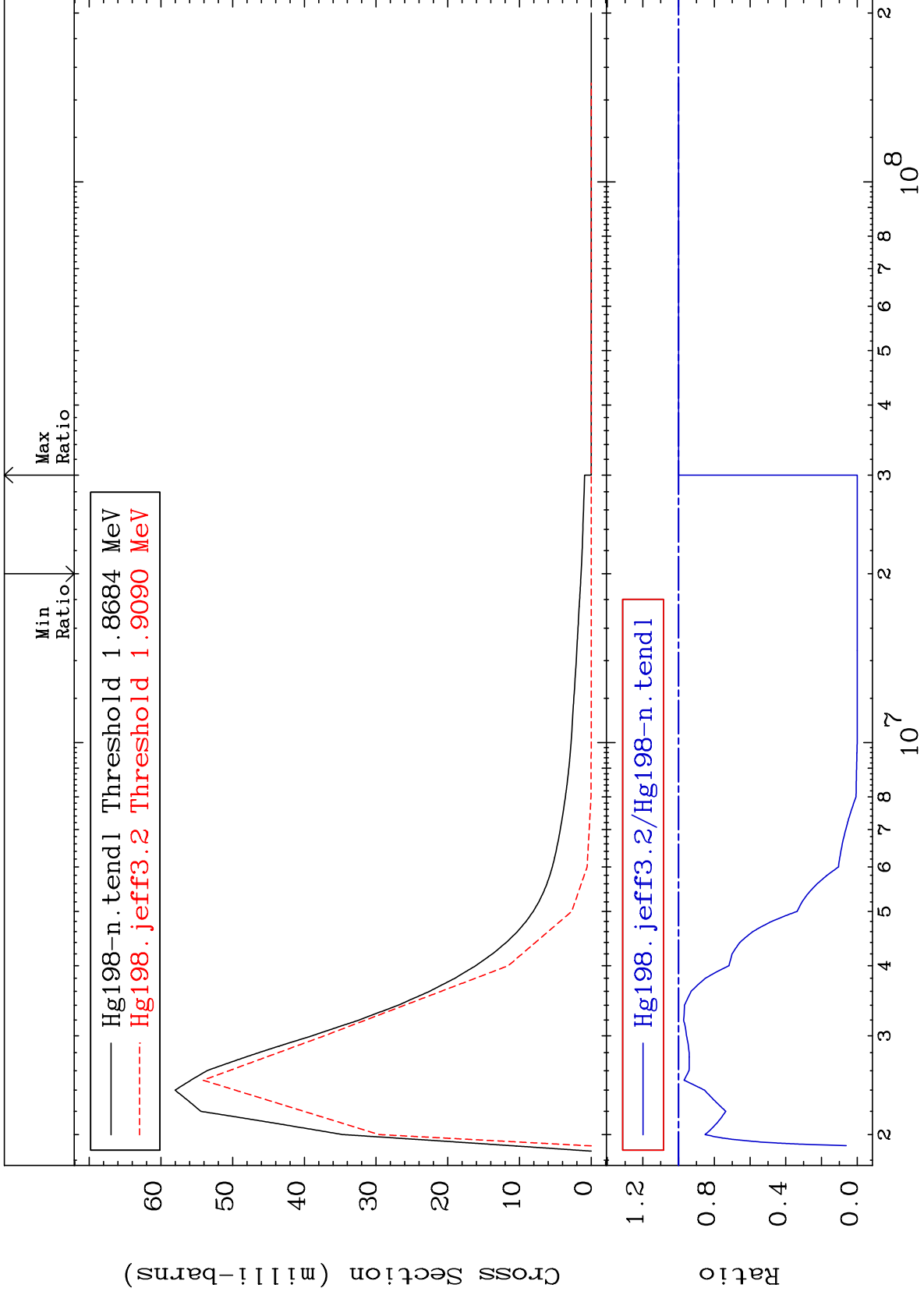
80-Hg-198
-100.0 To 131.5 %



MAT 8031

1.859 MeV (n,n') Level
Cross Section

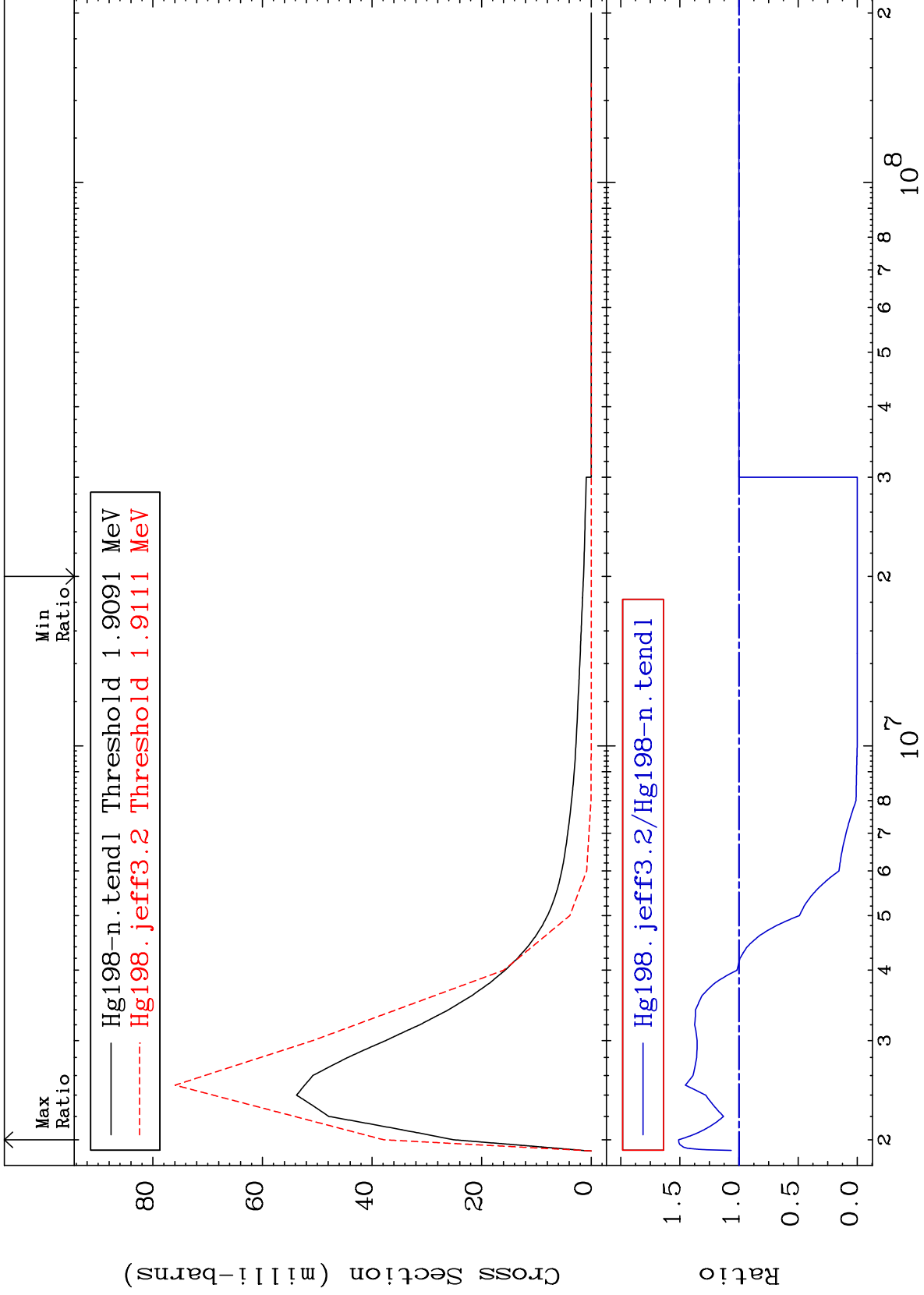
80-Hg-198
-100.0 To 0.000 %



MAT 8031

1.899 MeV (n,n') Level
Cross Section

80-Hg-198
-100.0 To 51.05 %

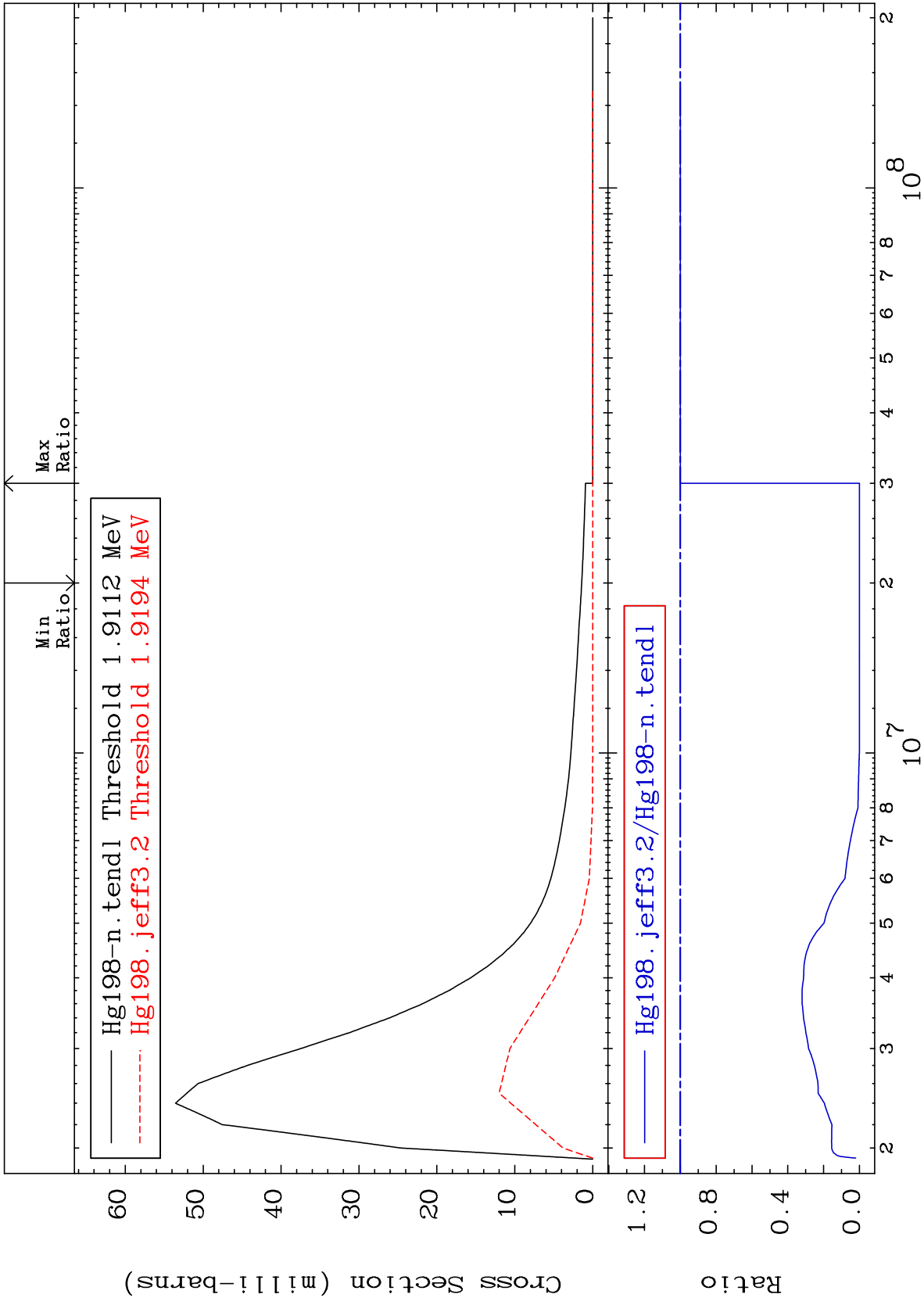


MAT 8031

1.902 MeV (n,n') Level

80-Hg-198

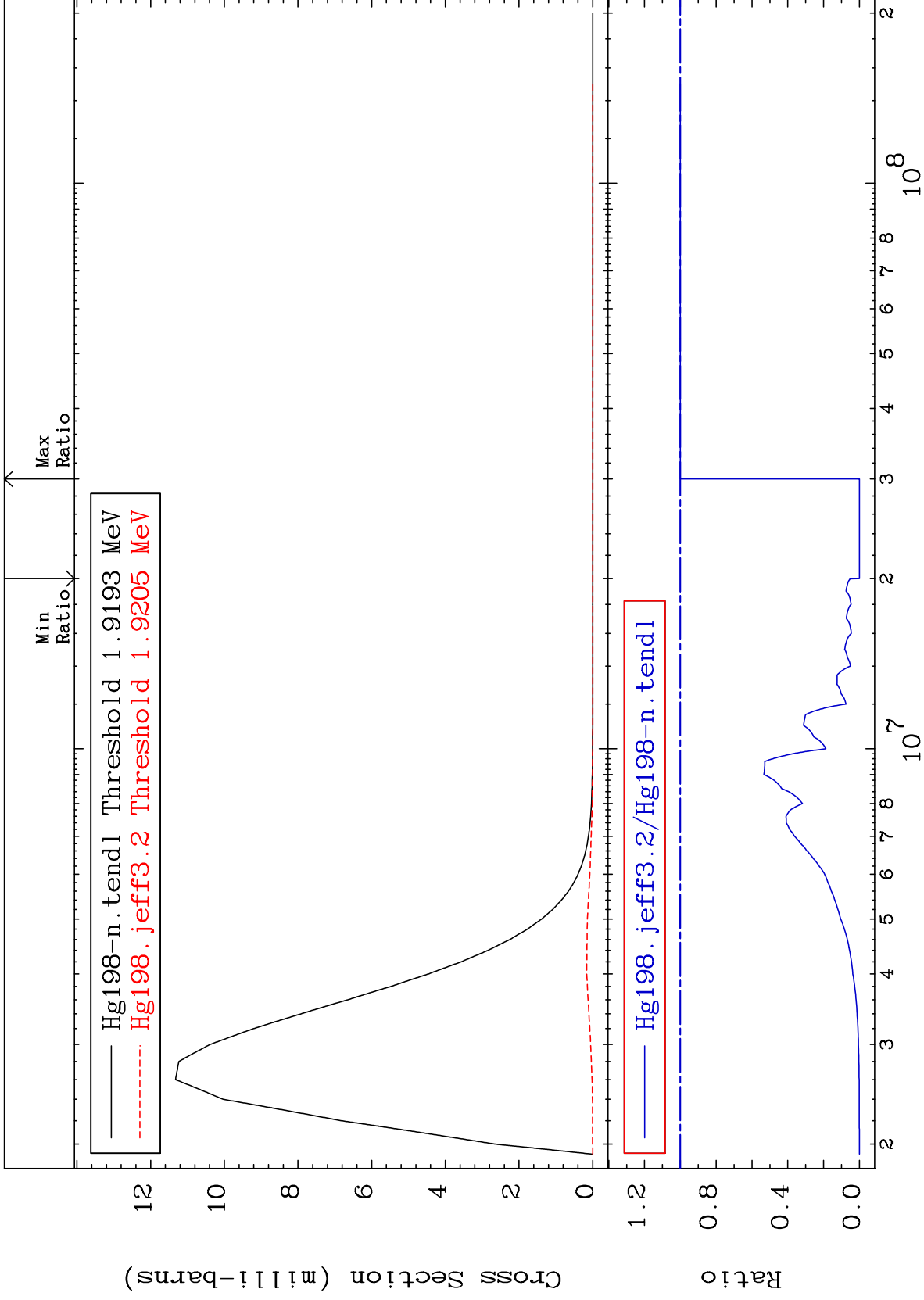
-100.0 To 0.000 %



MAT 8031

1.910 MeV (n,n') Level
Cross Section

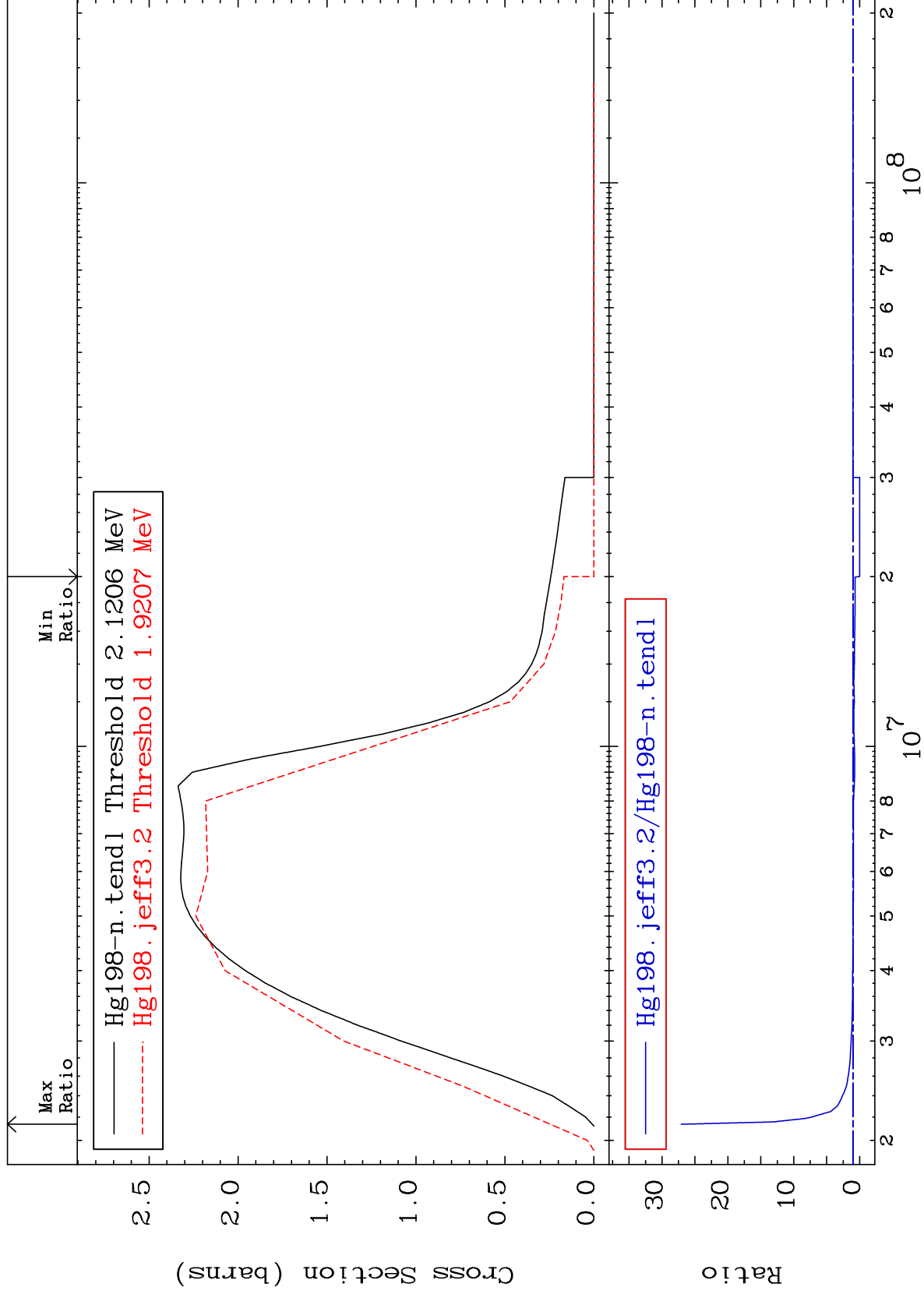
80-Hg-198
-100.0 To 0.000 %

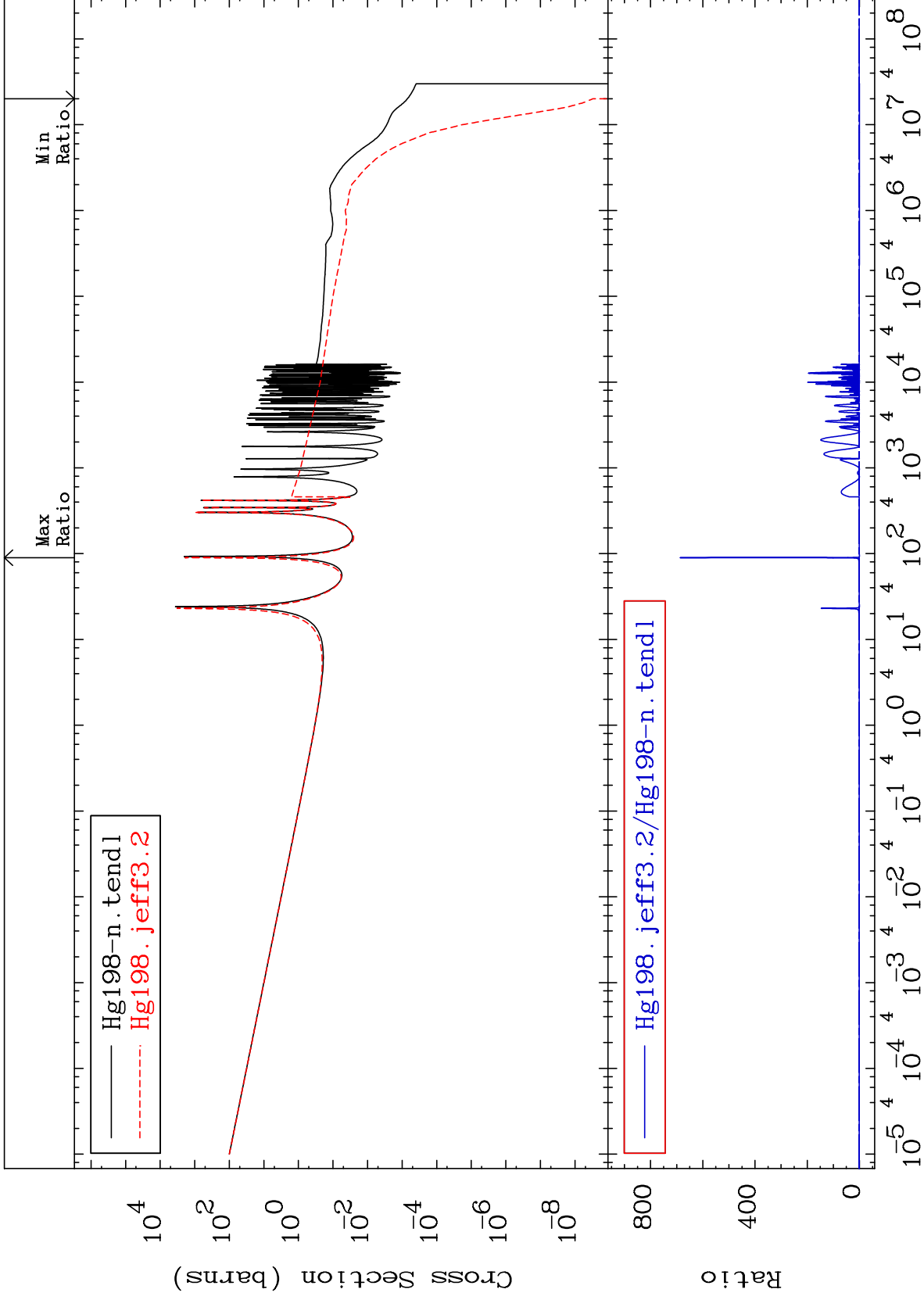


MAT 8031

(n, n') Continuum
Cross Section

80-Hg-198
-100.0 To 2609. %

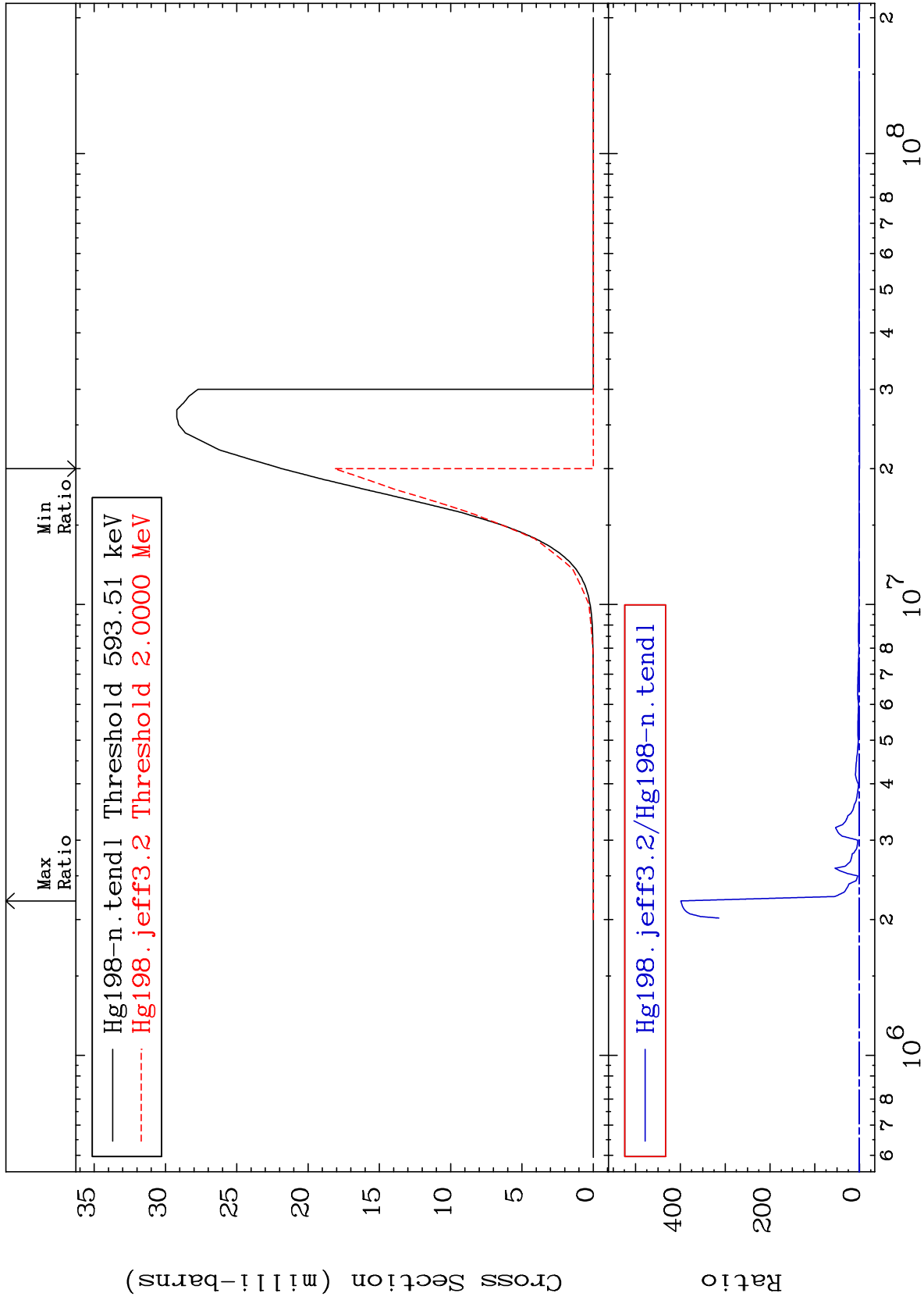




MAT 8031

(n,p)
Cross Section

80-Hg-198
-100.0 To 9999. %



30

Incident Energy (eV)

80-Hg-198

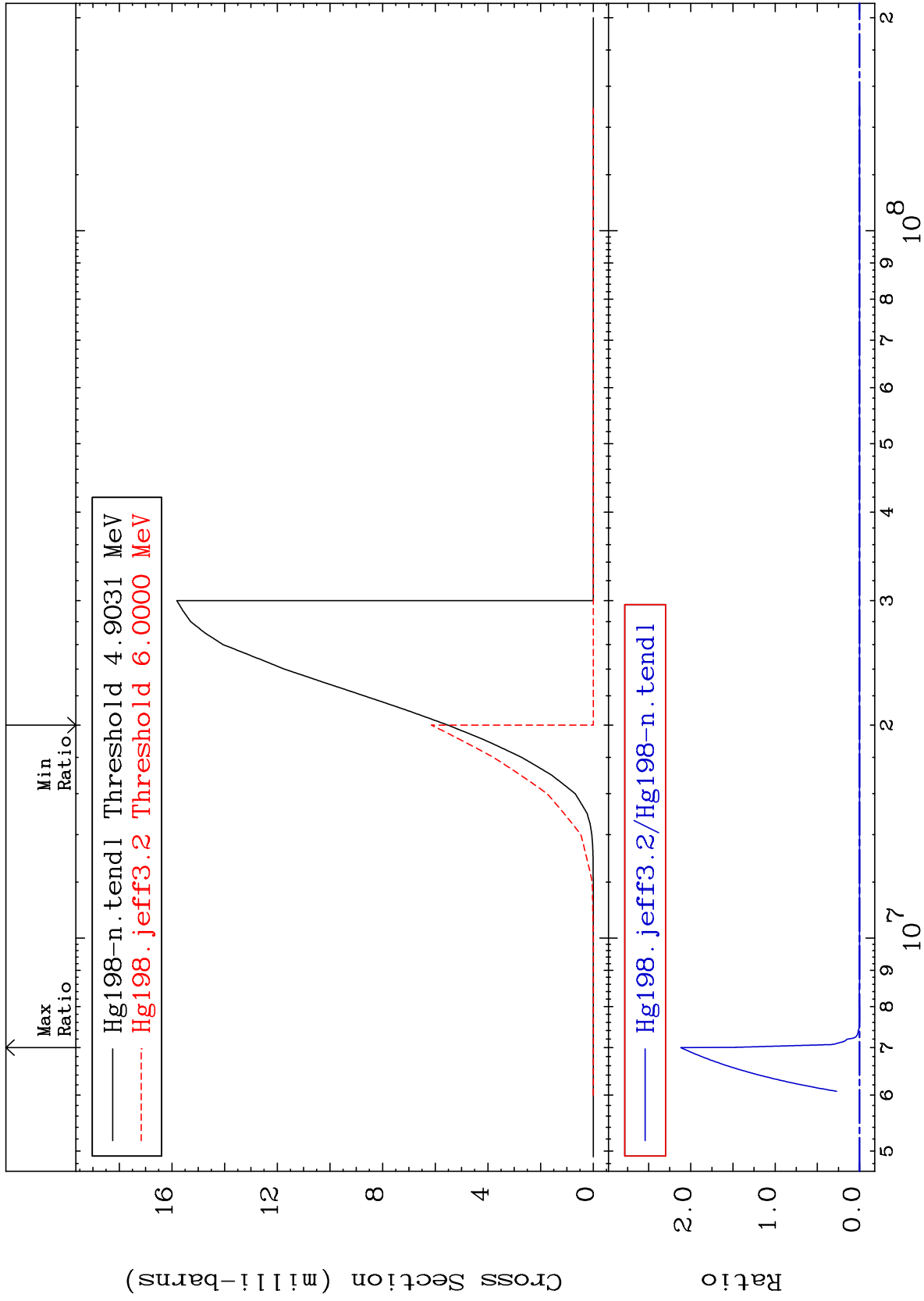
MAT 8031

(n, d)

80-Hg-198

Cross Section

-100.0 To 9999. %



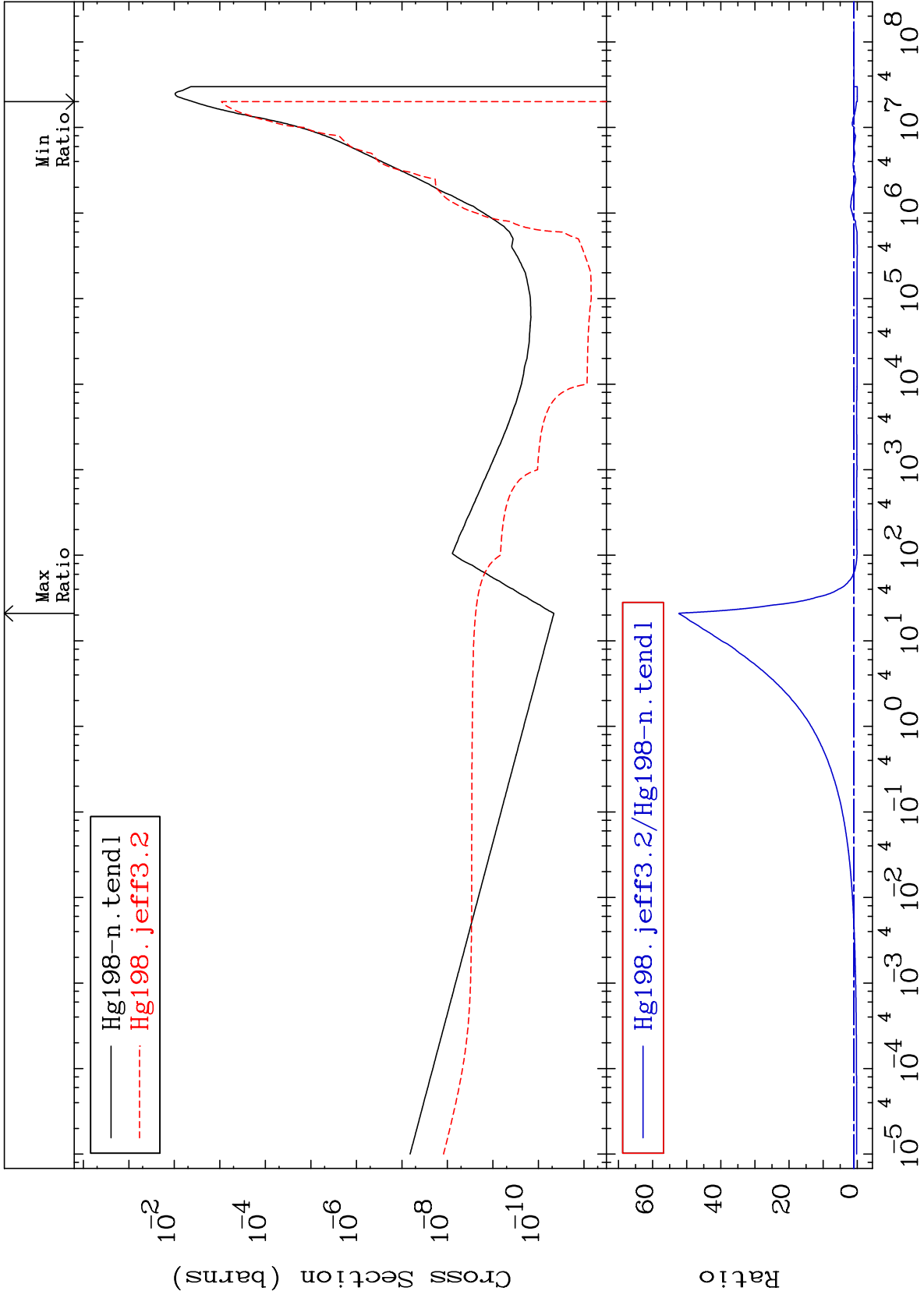
31

Incident Energy (eV)

80-Hg-198

MAT 8031

(n, α)
Cross Section
80-Hg-198
-100.0 To 5137. %



32

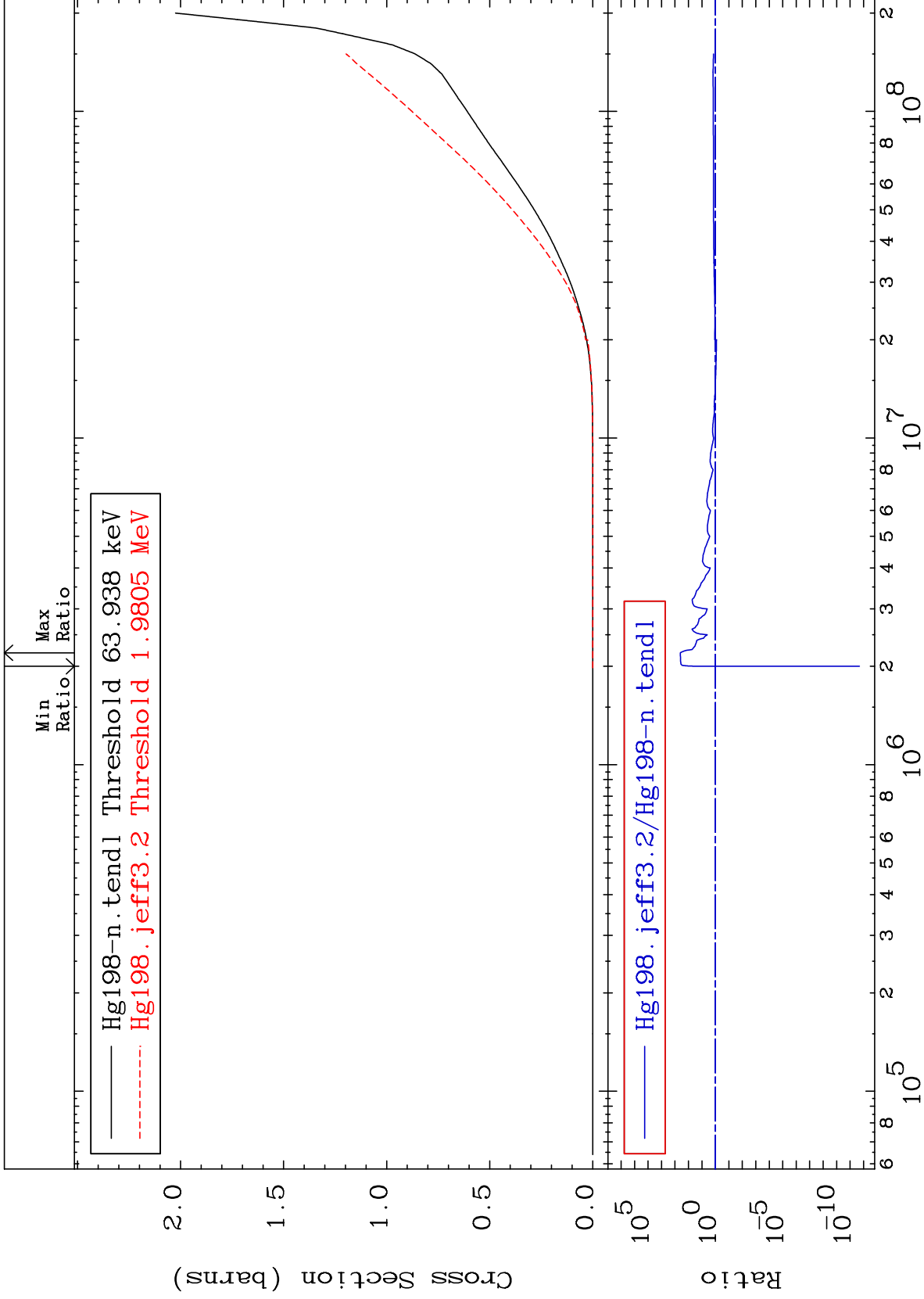
Incident Energy (eV)

80-Hg-198

MAT 8031

Hydrogen Production
Cross Section

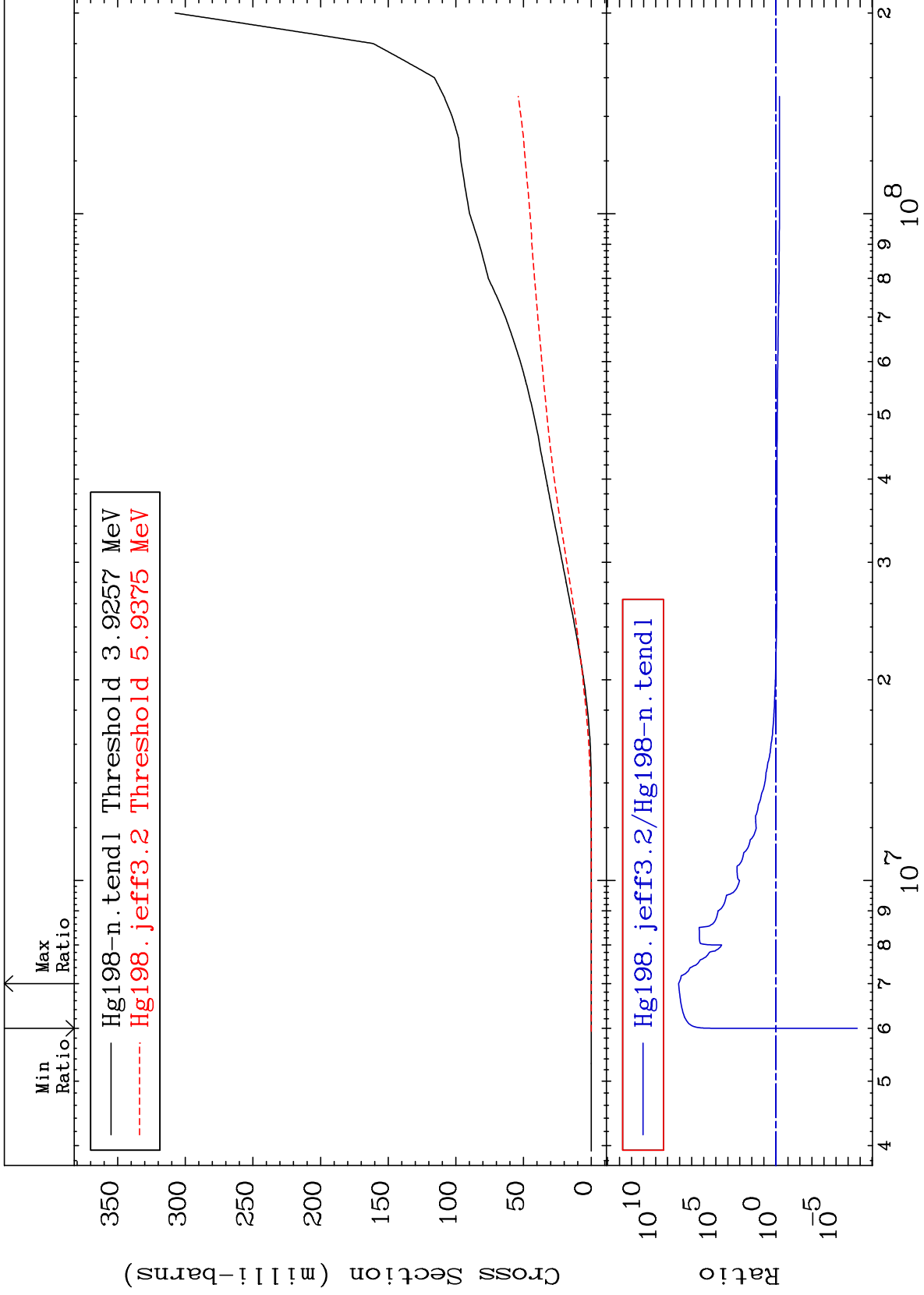
80-Hg-198
-100.0 To 9999. %



MAT 8031

Deuterium Production
Cross Section

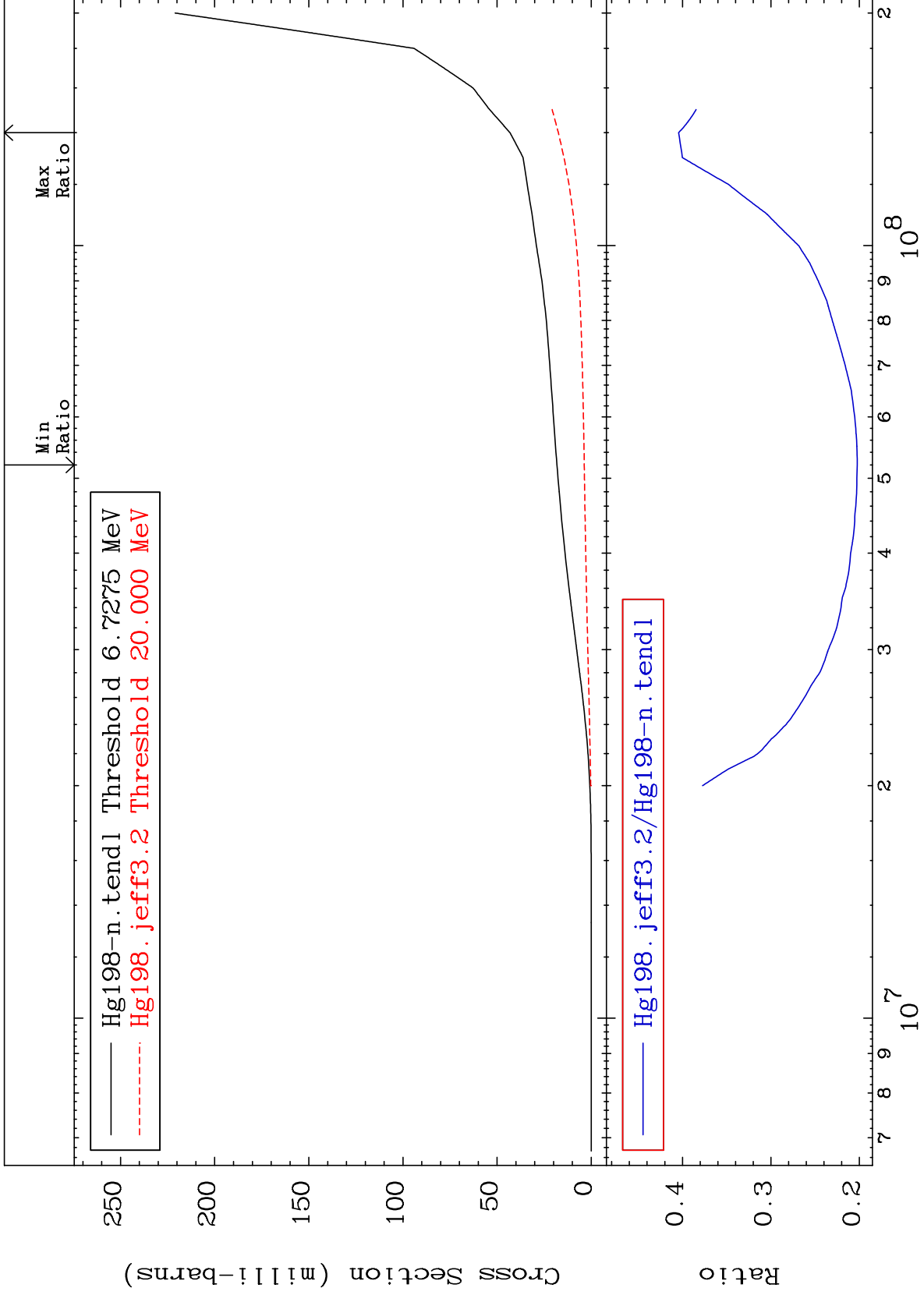
80-Hg-198
-100.0 To 9999. %



MAT 8031

Tritium Production
Cross Section

80-Hg-198
-79.75 To -59.57%



35

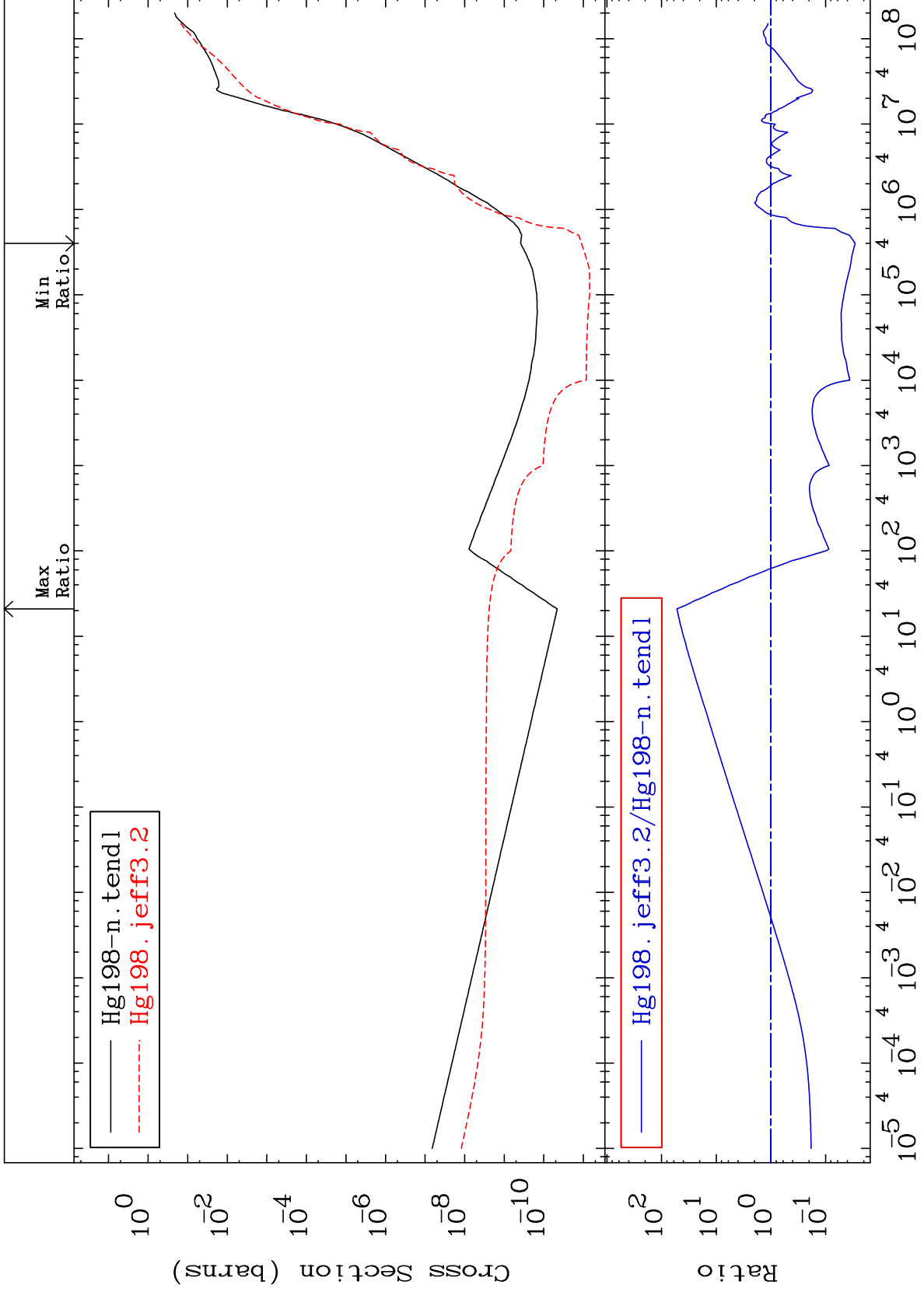
Incident Energy (eV)

80-Hg-198

MAT 8031

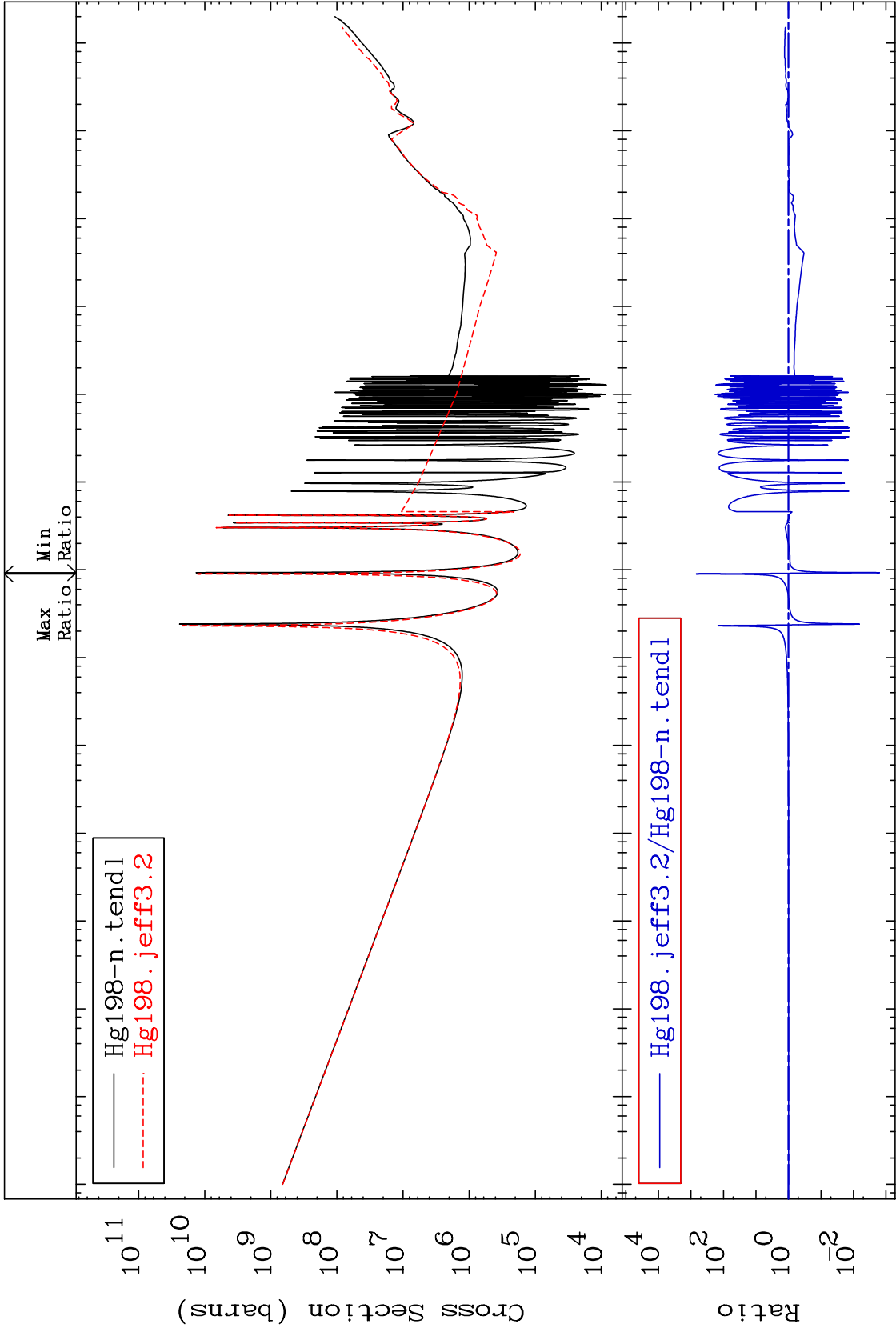
He-4 Production
Cross Section

80-Hg-198
-97.11 To 5137. %



Cross Section

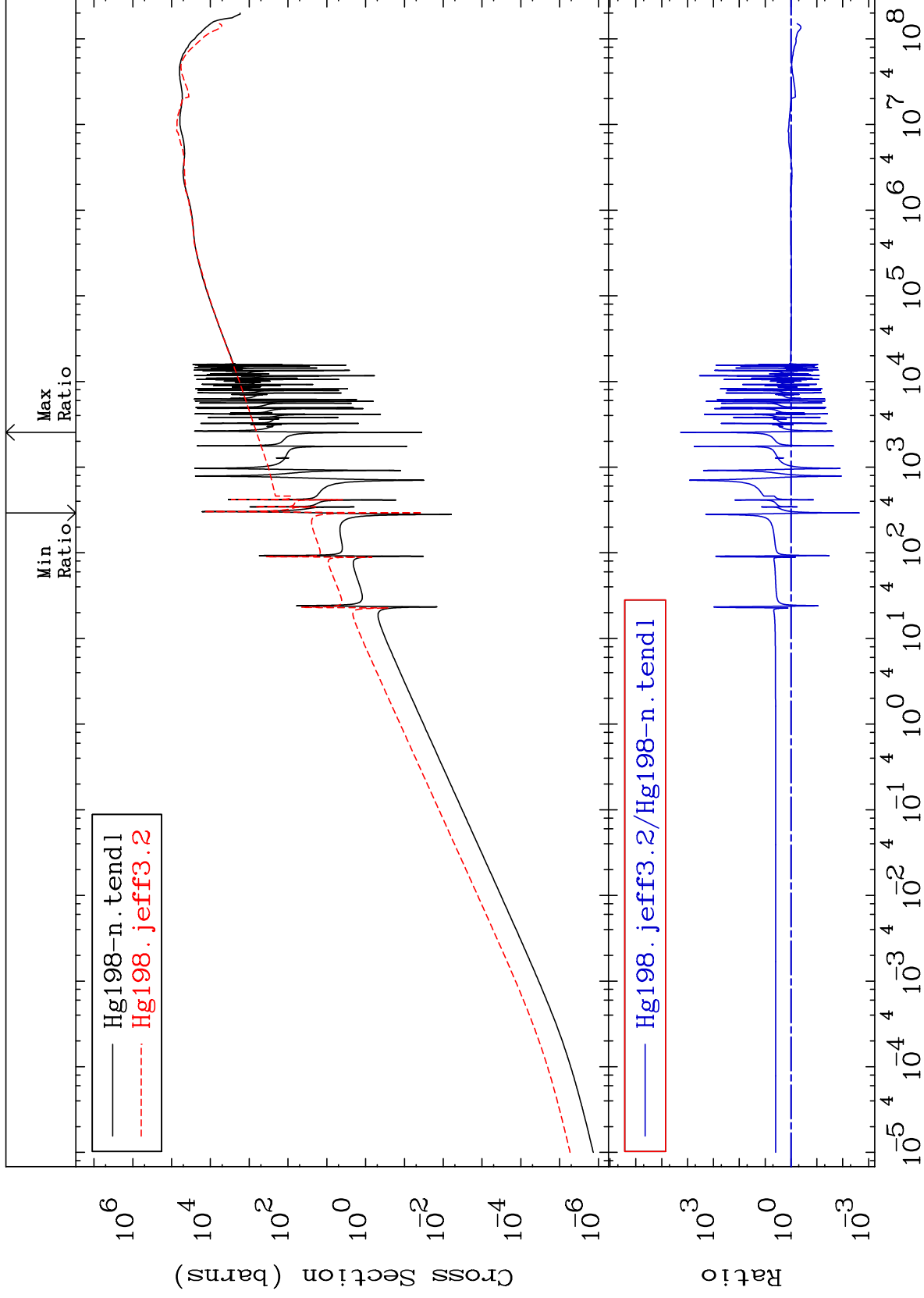
-99.84 To 9999. %

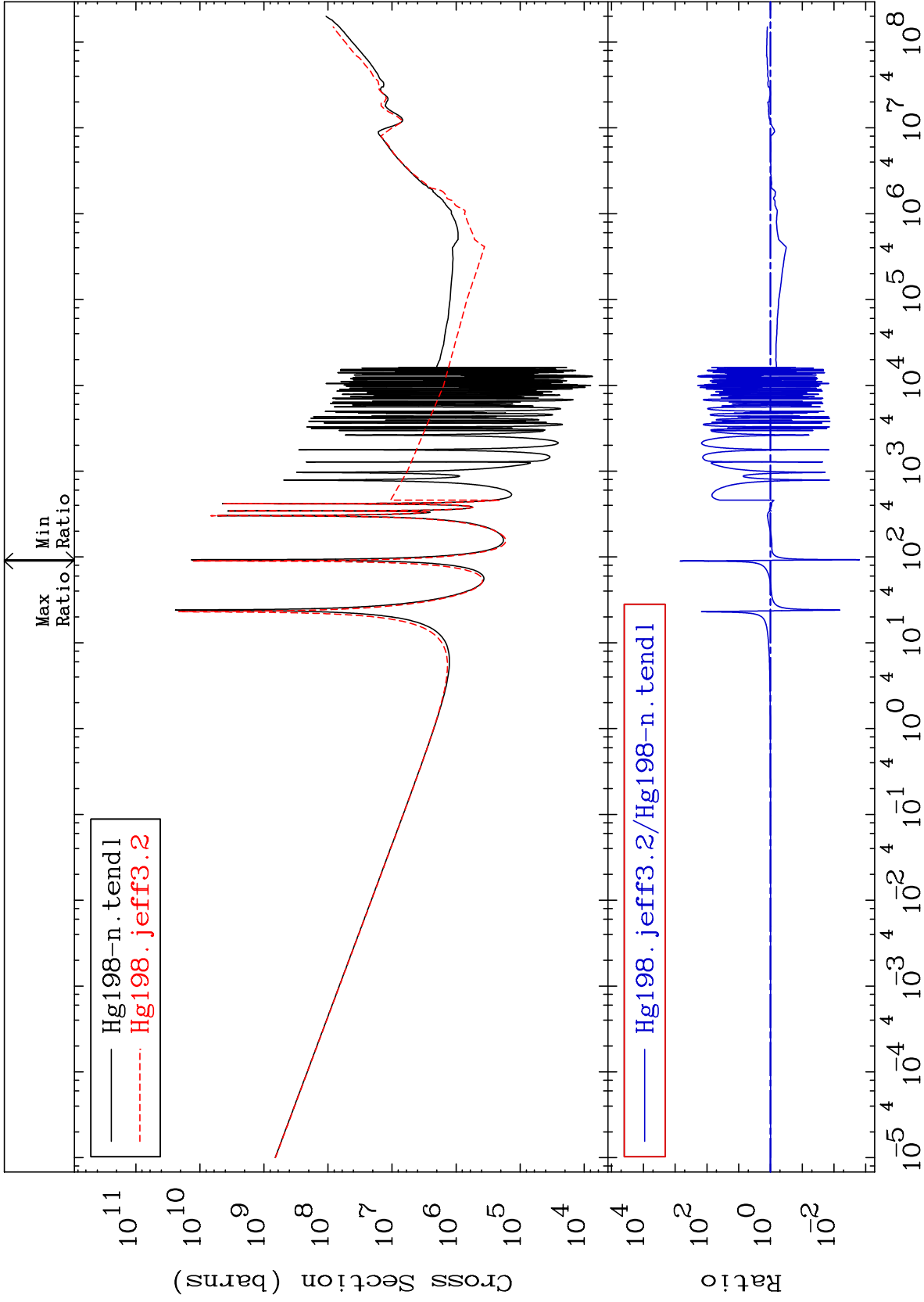


MAT 8031

Kerma elastic
Cross Section

80-Hg-198
-99.78 To 9999. %

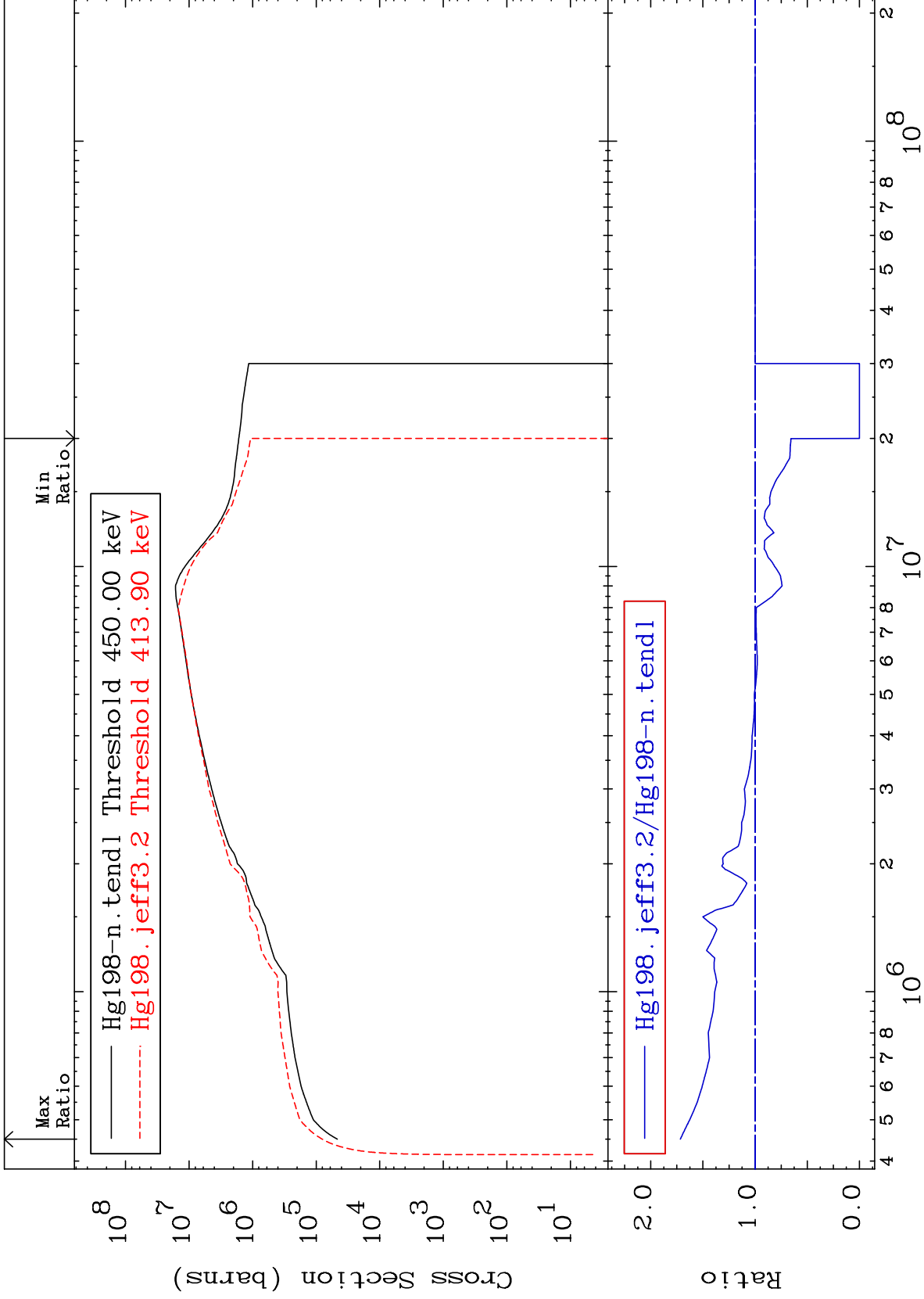




MAT 8031

Kerma inelastic (mt51-91)
Cross Section

80-Hg-198
-100.0 To 71.62 %



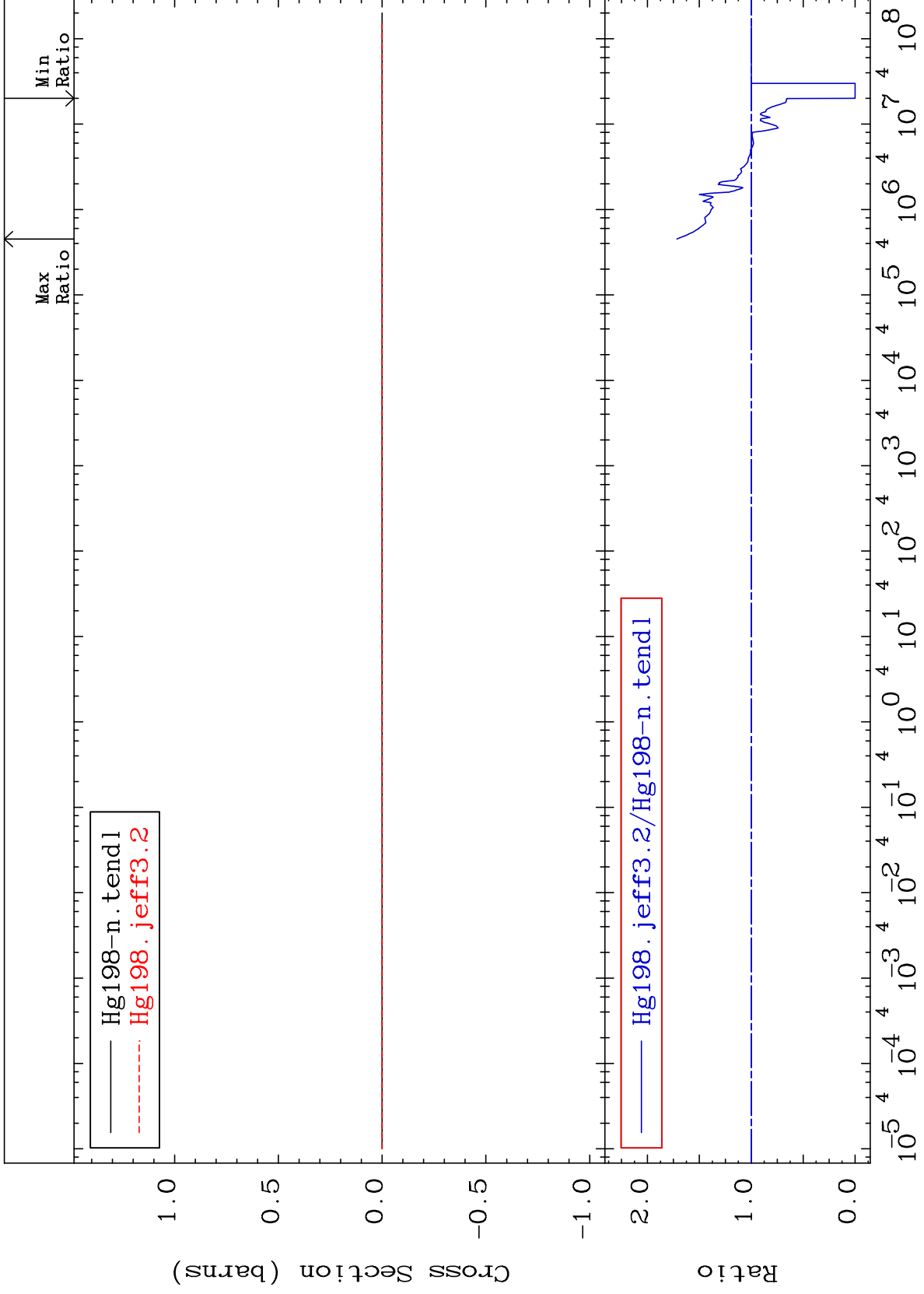
40

80-Hg-198

MAT 8031

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

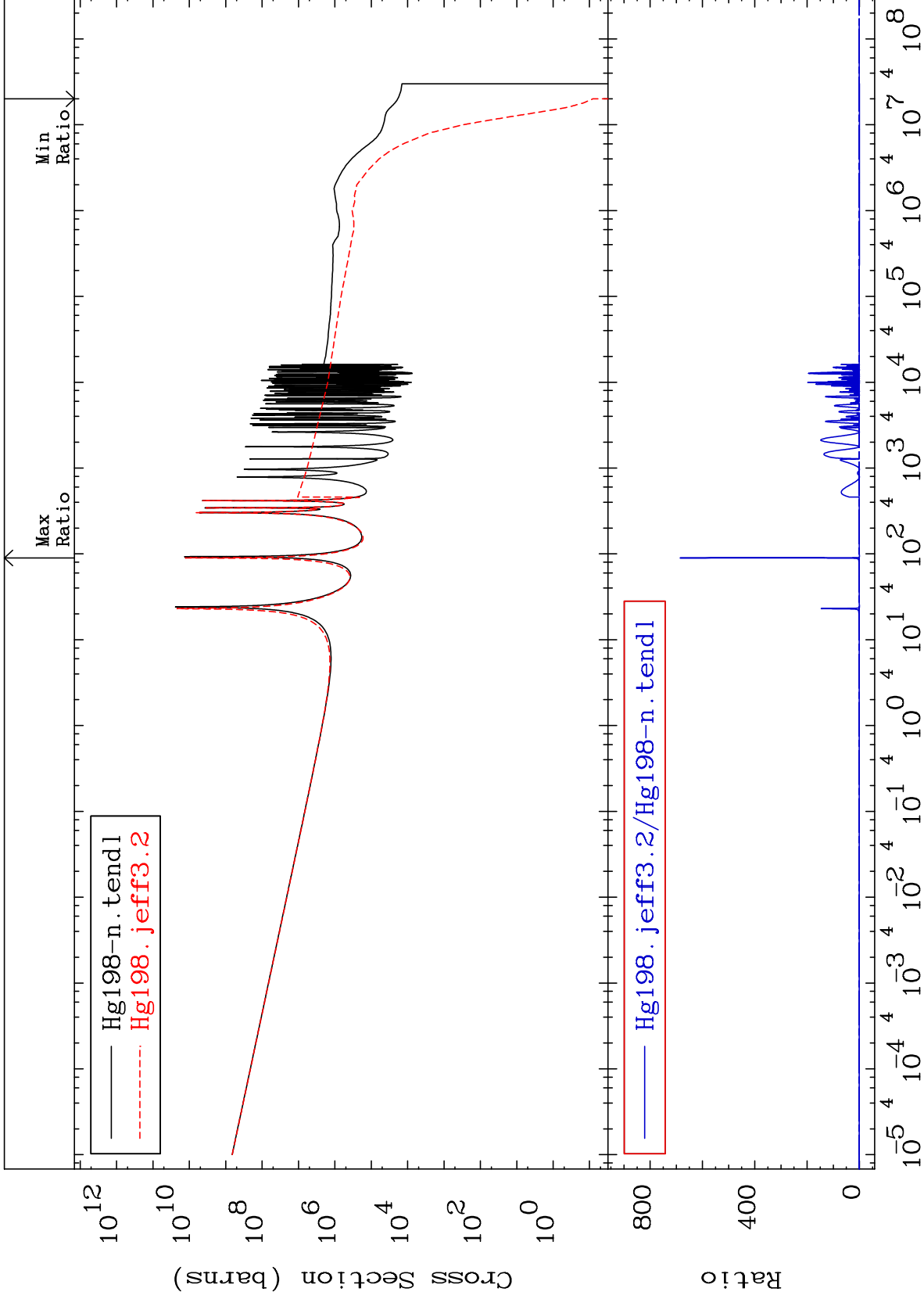
80-Hg-198
-100.0 To 71.62 %



MAT 8031

Kerma capture (mt102)
Cross Section

80-Hg-198
-100.0 To 9999. %



42

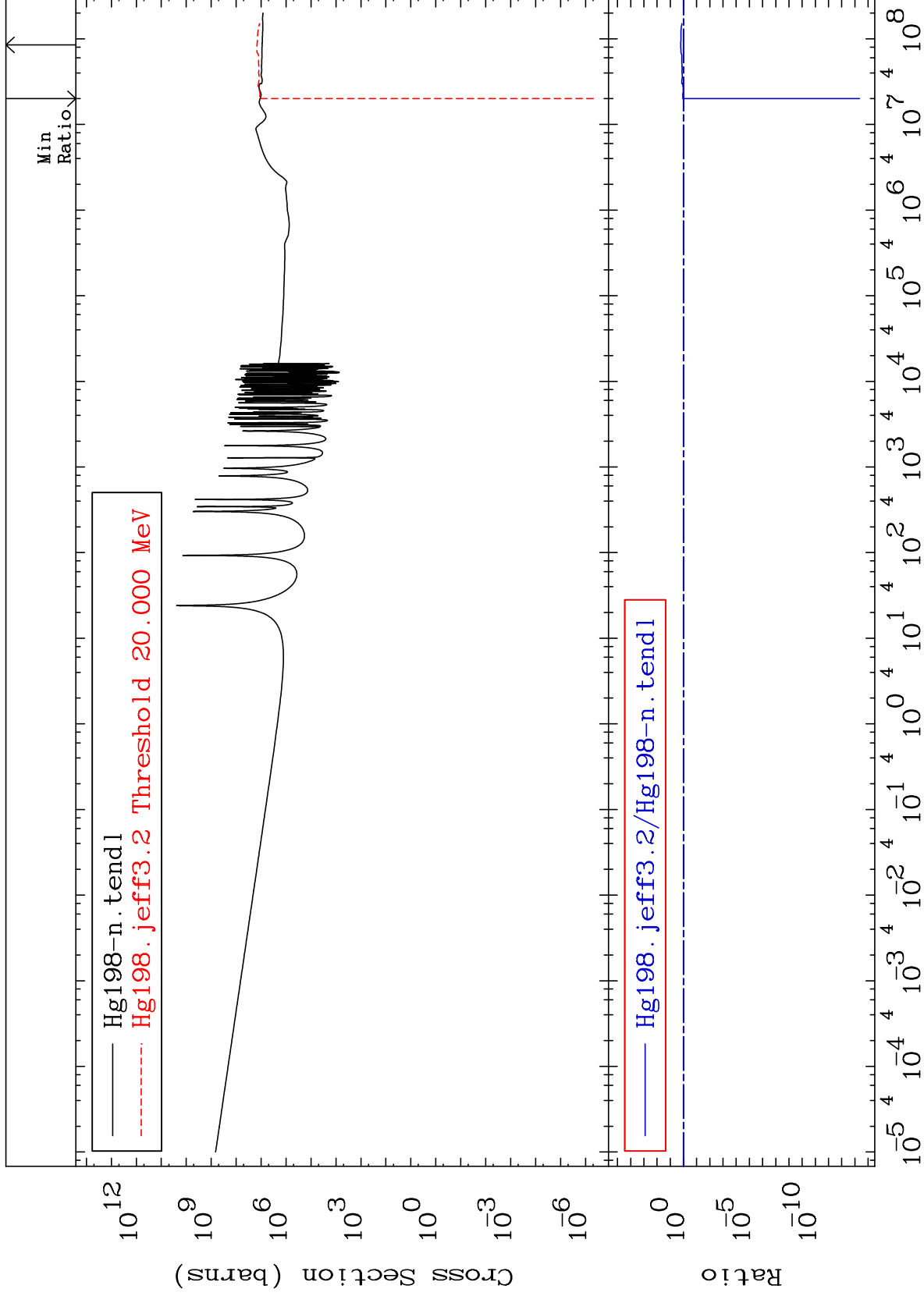
Incident Energy (eV)

80-Hg-198

MAT 8031

Total photon (eV-barns)
Cross Section

80-Hg-198
-100.0 To 59.94 %



43

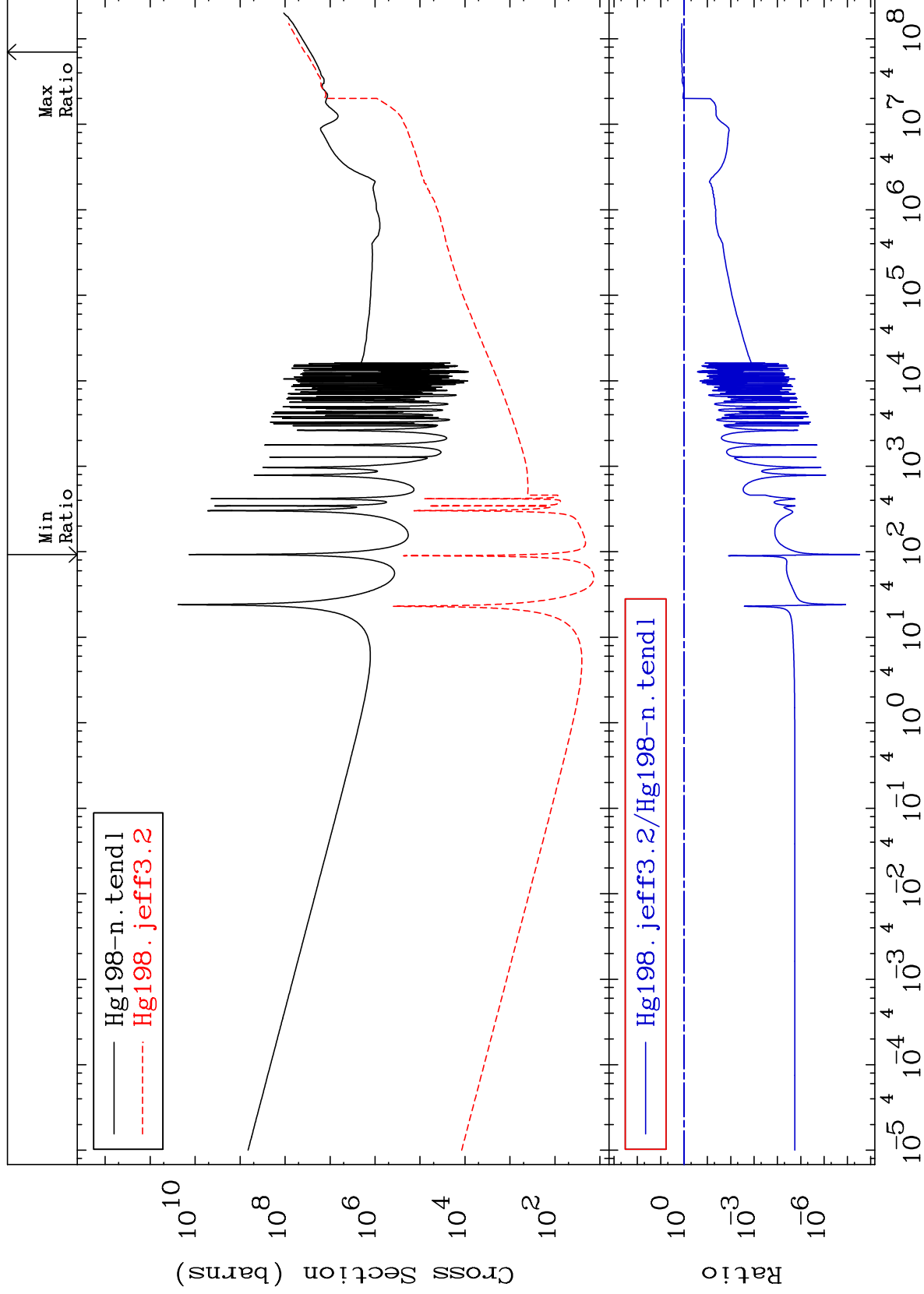
Incident Energy (eV)

80-Hg-198

MAT 8031

Total kinematic kerma (high limit)
Cross Section

80-Hg-198
-100.0 To 32.81 %



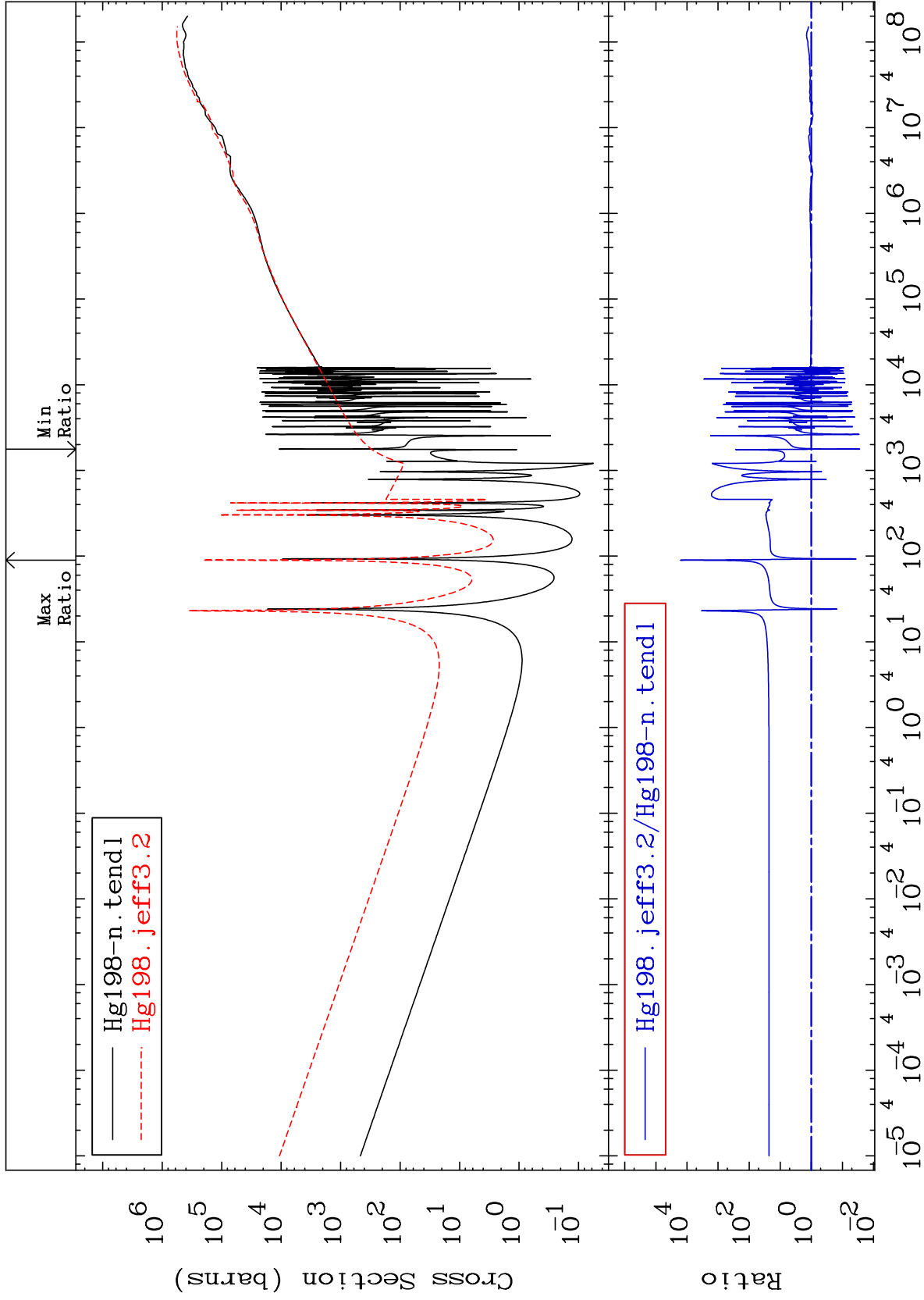
MAT 8031

Dpa total (eV-barns)

80-Hg-198

-97.19 To 9999. %

Cross Section



45

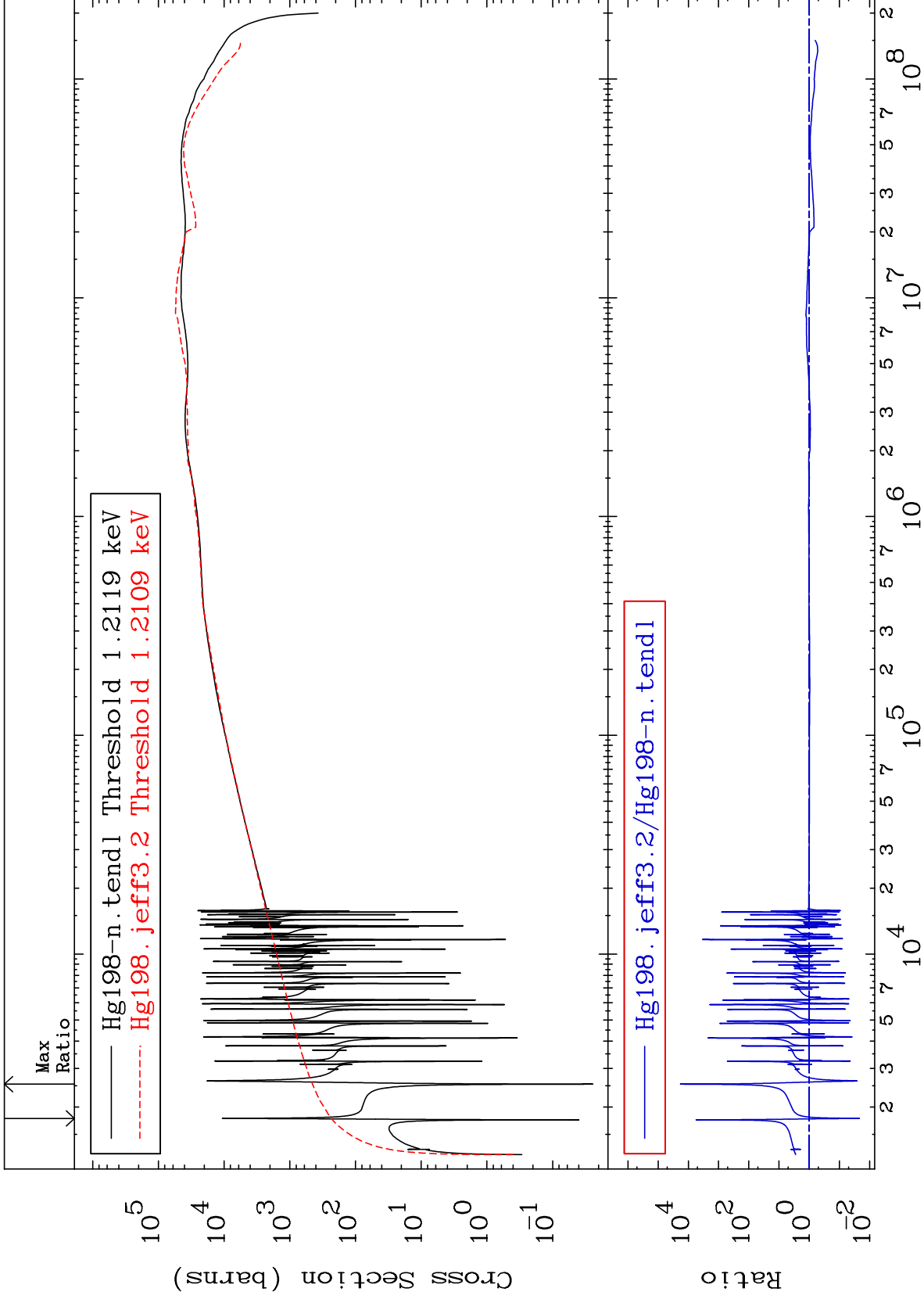
Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa elastic (mt2)
Cross Section

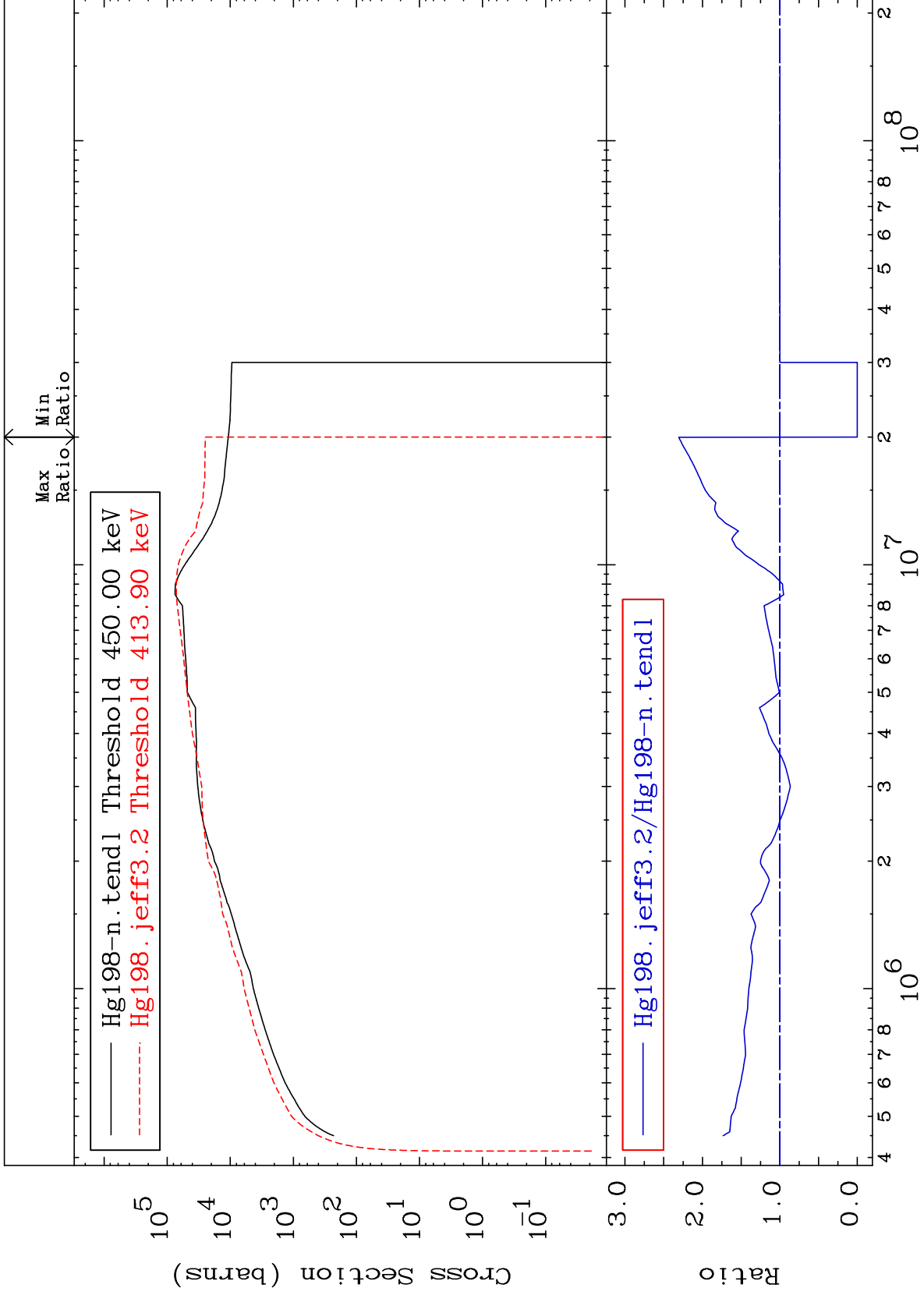
80-Hg-198
-97.82 To 9999. %



MAT 8031

Dpa inelastic (mt51-91)
Cross Section

80-Hg-198
-100.0 To 130.7 %



47

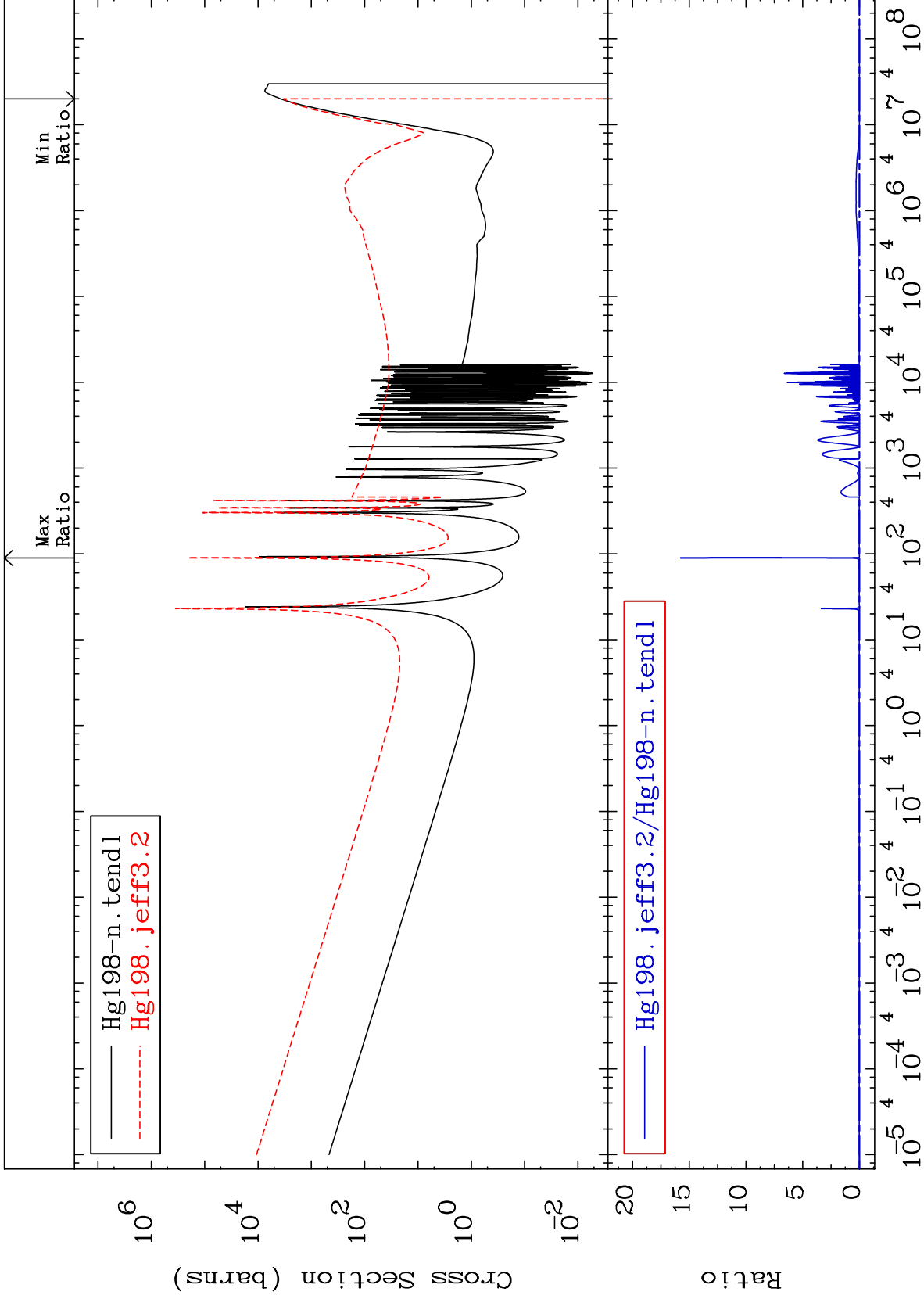
Incident Energy (eV)

80-Hg-198

MAT 8031

Dpa disappearance (mt102 -120)
Cross Section

80-Hg-198
-100.0 To 9999. %



48

Incident Energy (eV)

80-Hg-198