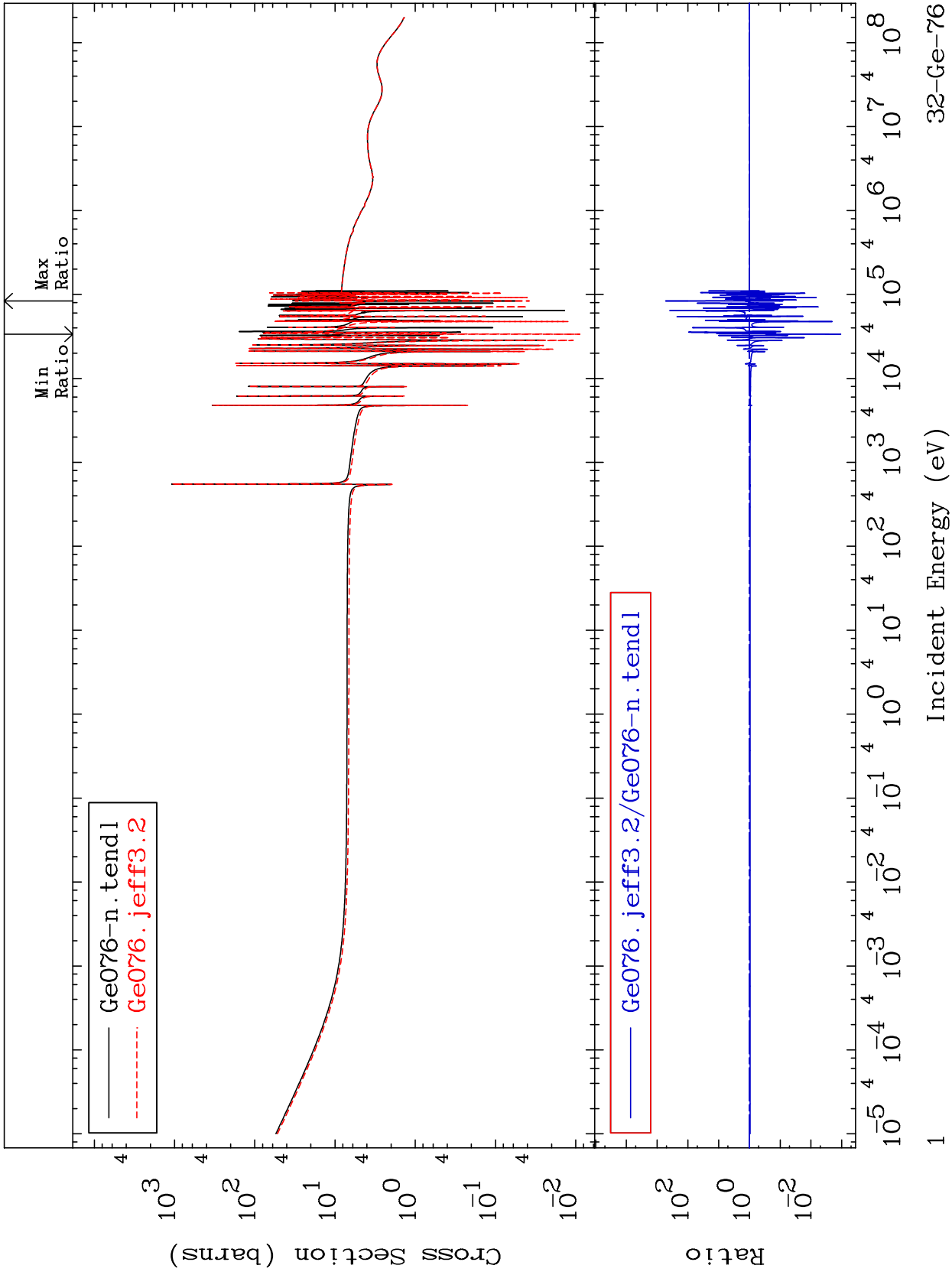


MAT 3243

Total
Cross Section

32-Ge-76
-99.89 To 9999. %



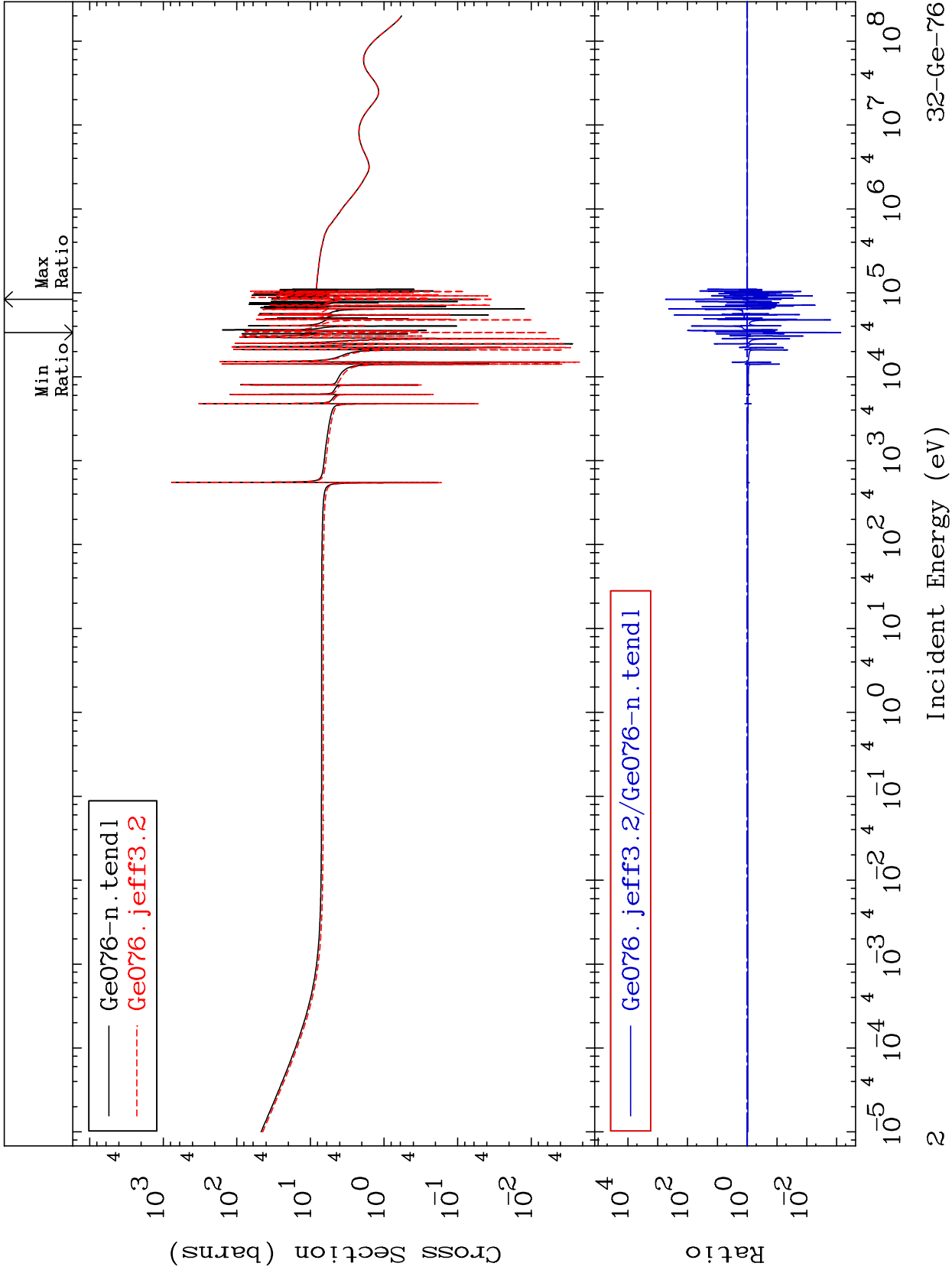
32-Ge-76

Incident Energy (eV)

MAT 3243

Elastic
Cross Section

32-Ge-76
-99.93 To 9999. %



32-Ge-76

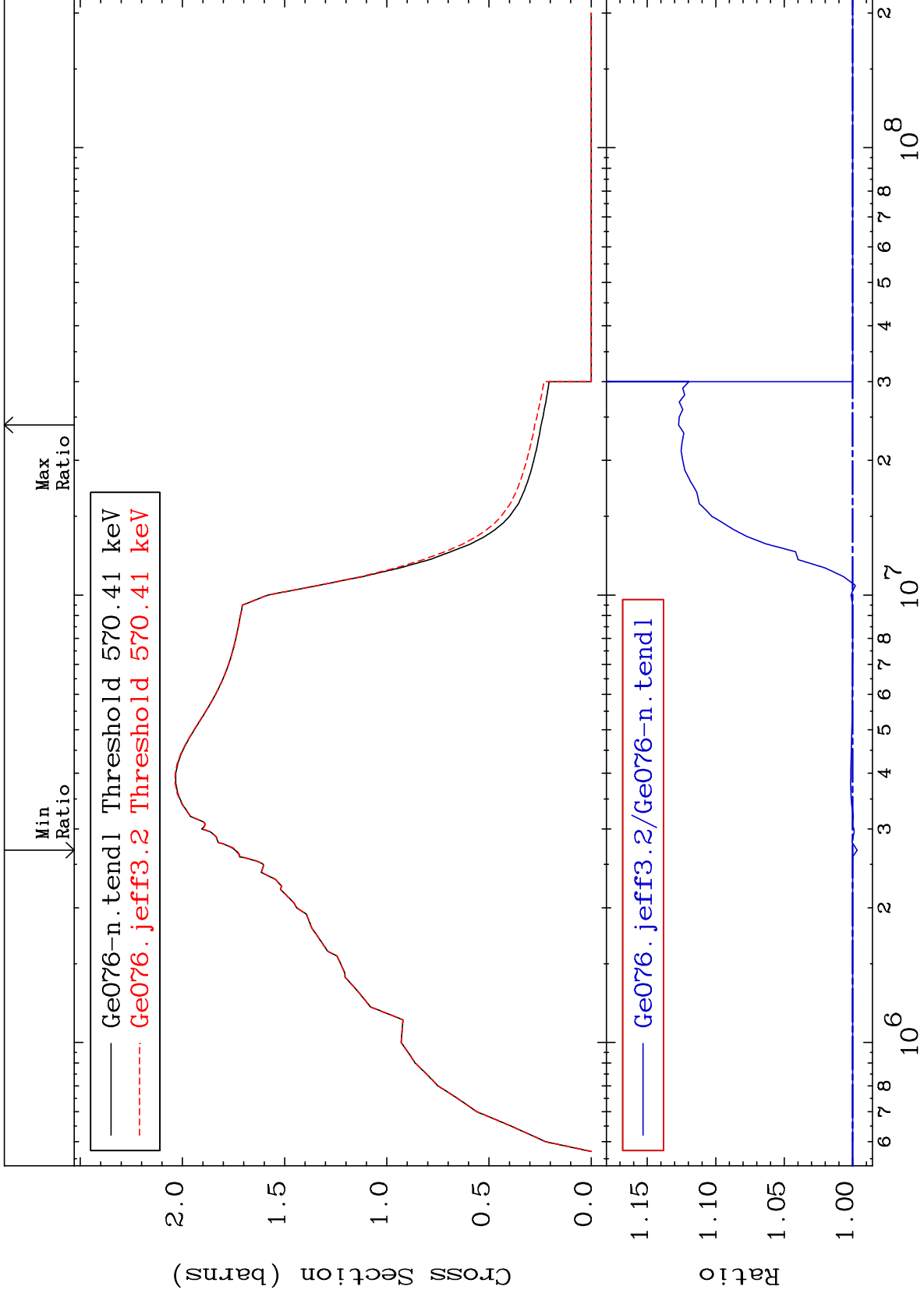
Incident Energy (eV)

2

MAT 3243

Inelastic
Cross Section

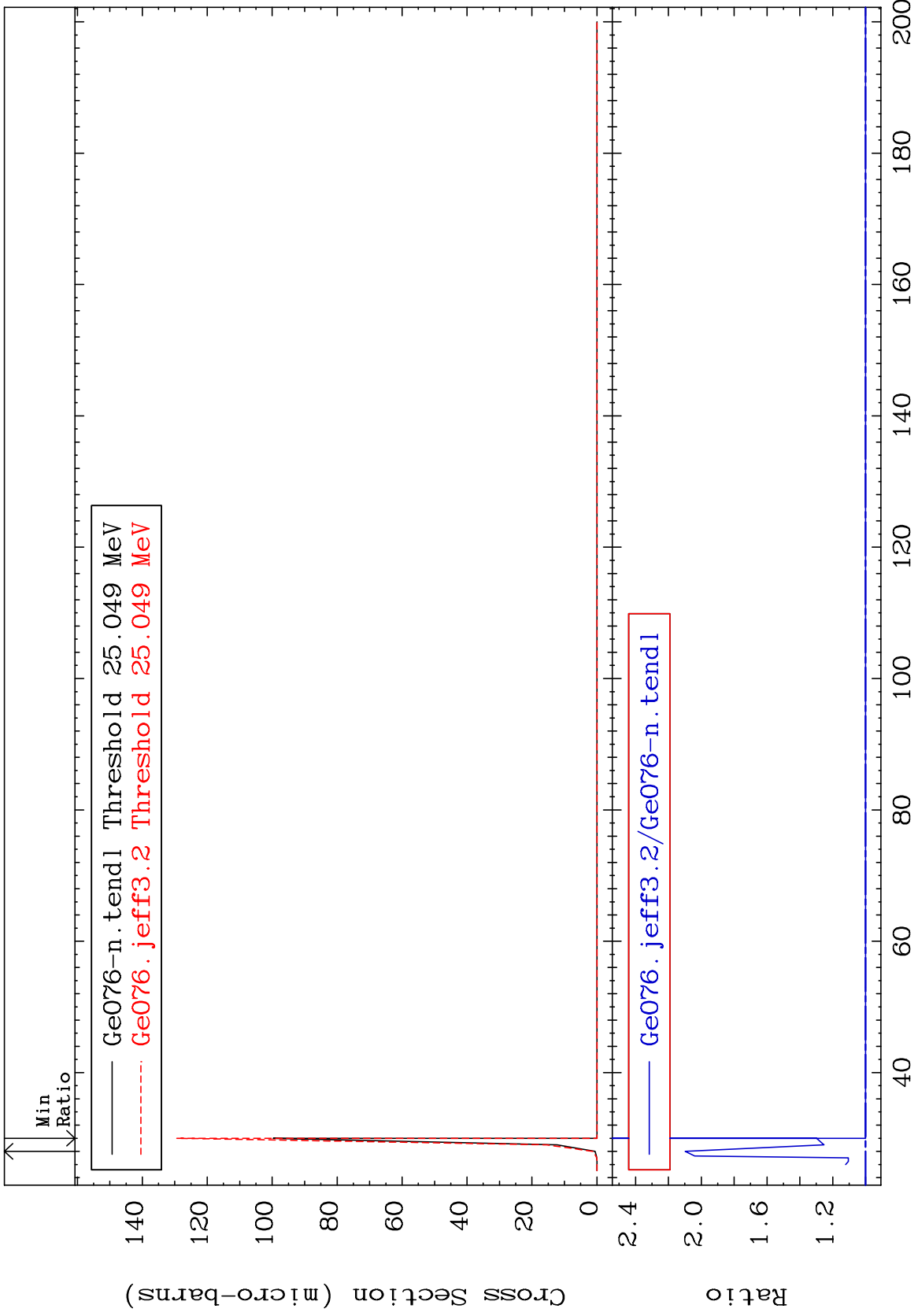
$^{32}\text{Ge-76}$
-0.337 To 12.71 %



MAT 3243

(n,2n) d
Cross Section

32-Ge-76
0.000 To 109.8 %



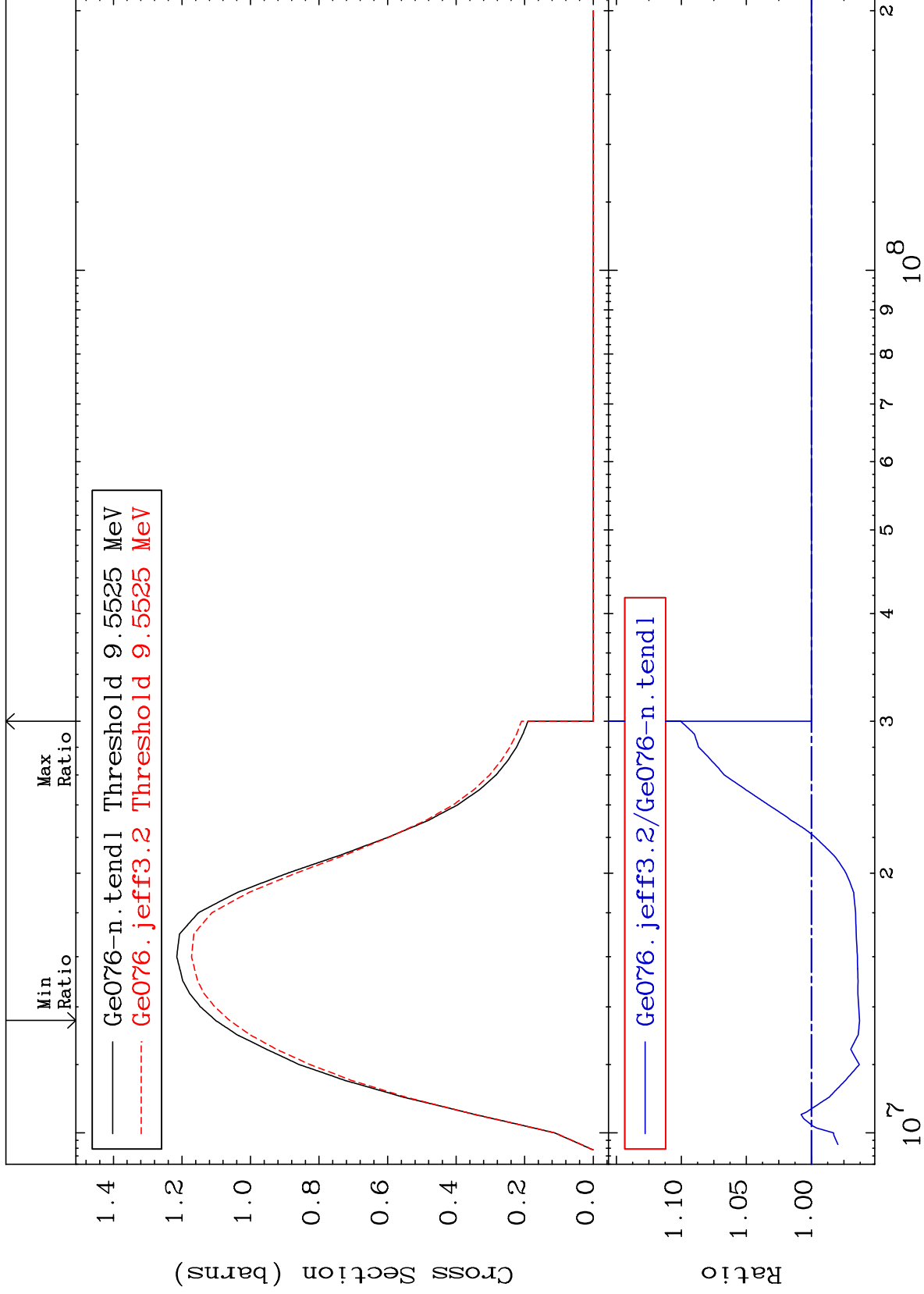
MAT 3243

(n,2n)

³²Ge-76

Cross Section

-3.706 To 10.04 %



Incident Energy (eV)

³²Ge-76

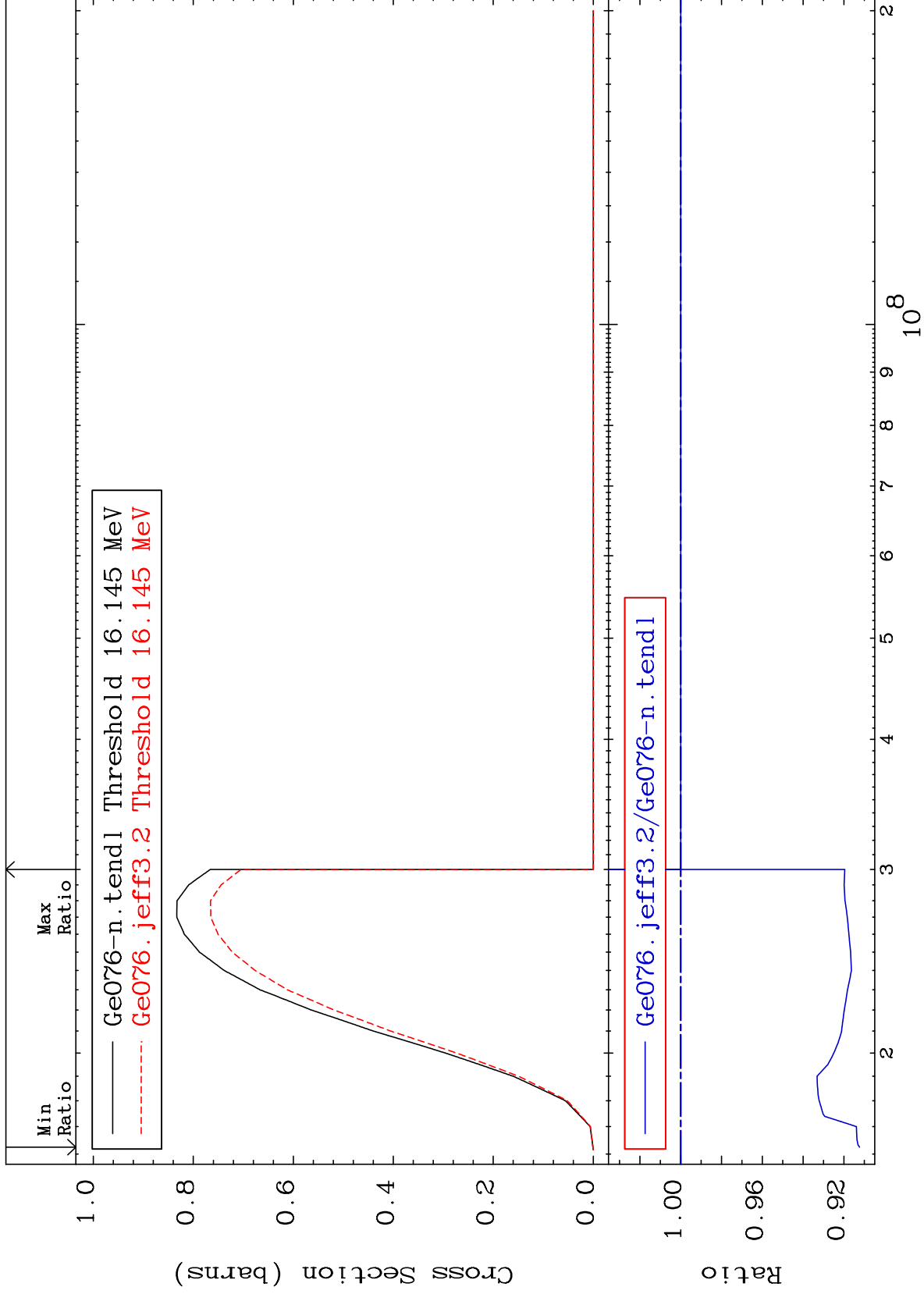
MAT 3243

(n,3n)

³²Ge-76

Cross Section

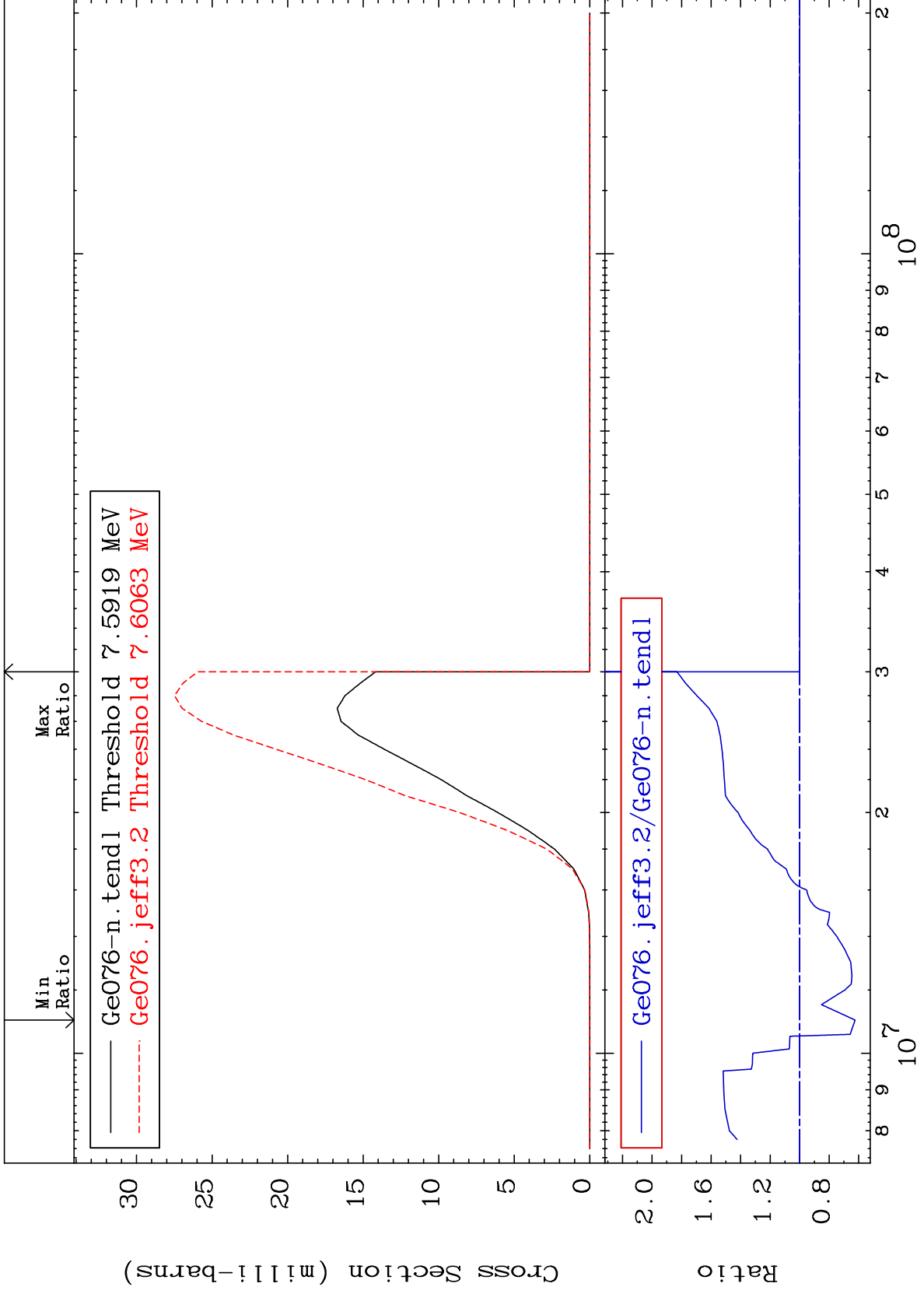
-8.765 To 0.000 %



MAT 3243

(n, n') α
Cross Section

³²Ge-76
-37.54 To 83.15 %



7

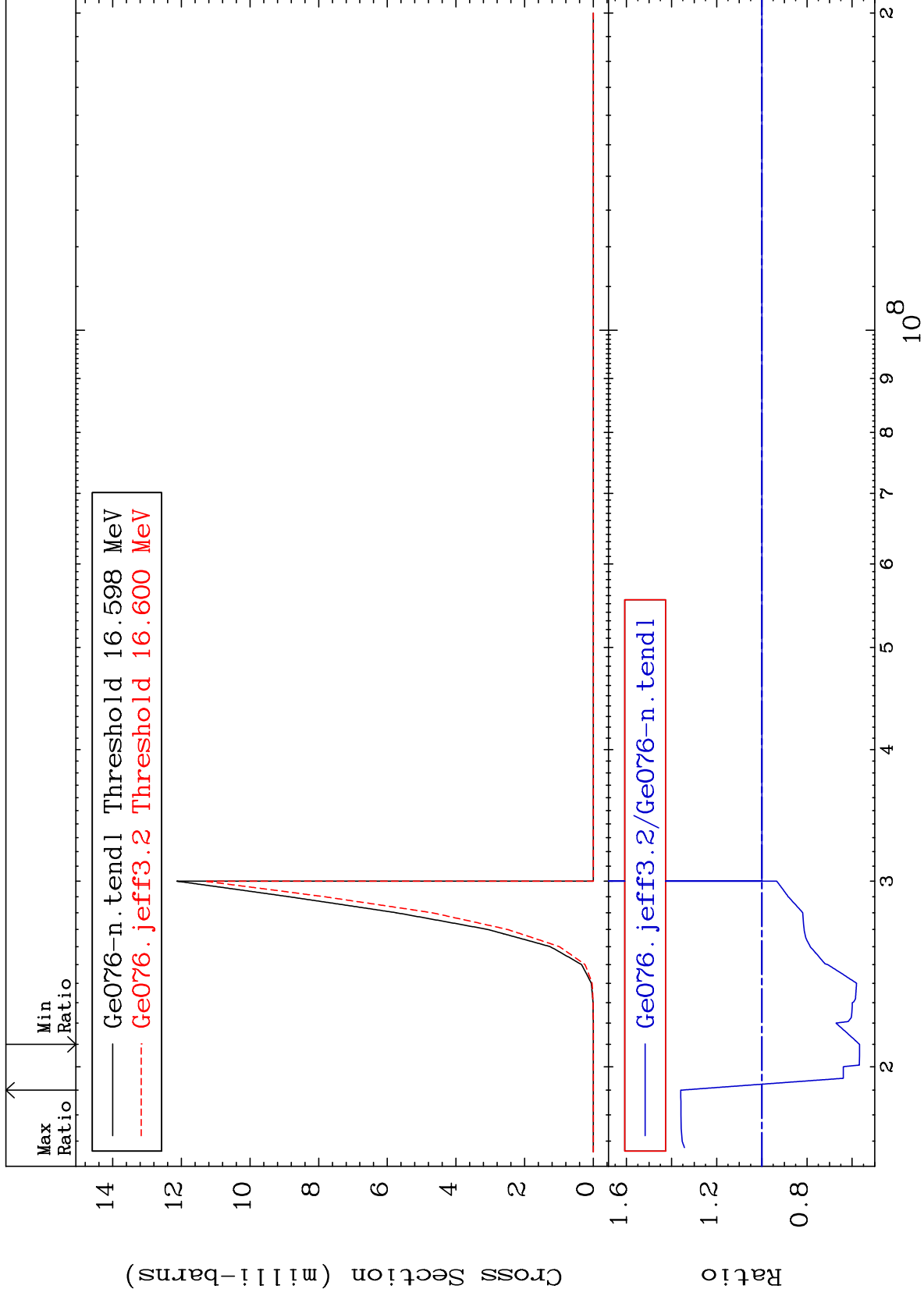
Incident Energy (eV)

³²Ge-76

MAT 3243

(n,2n) α
Cross Section

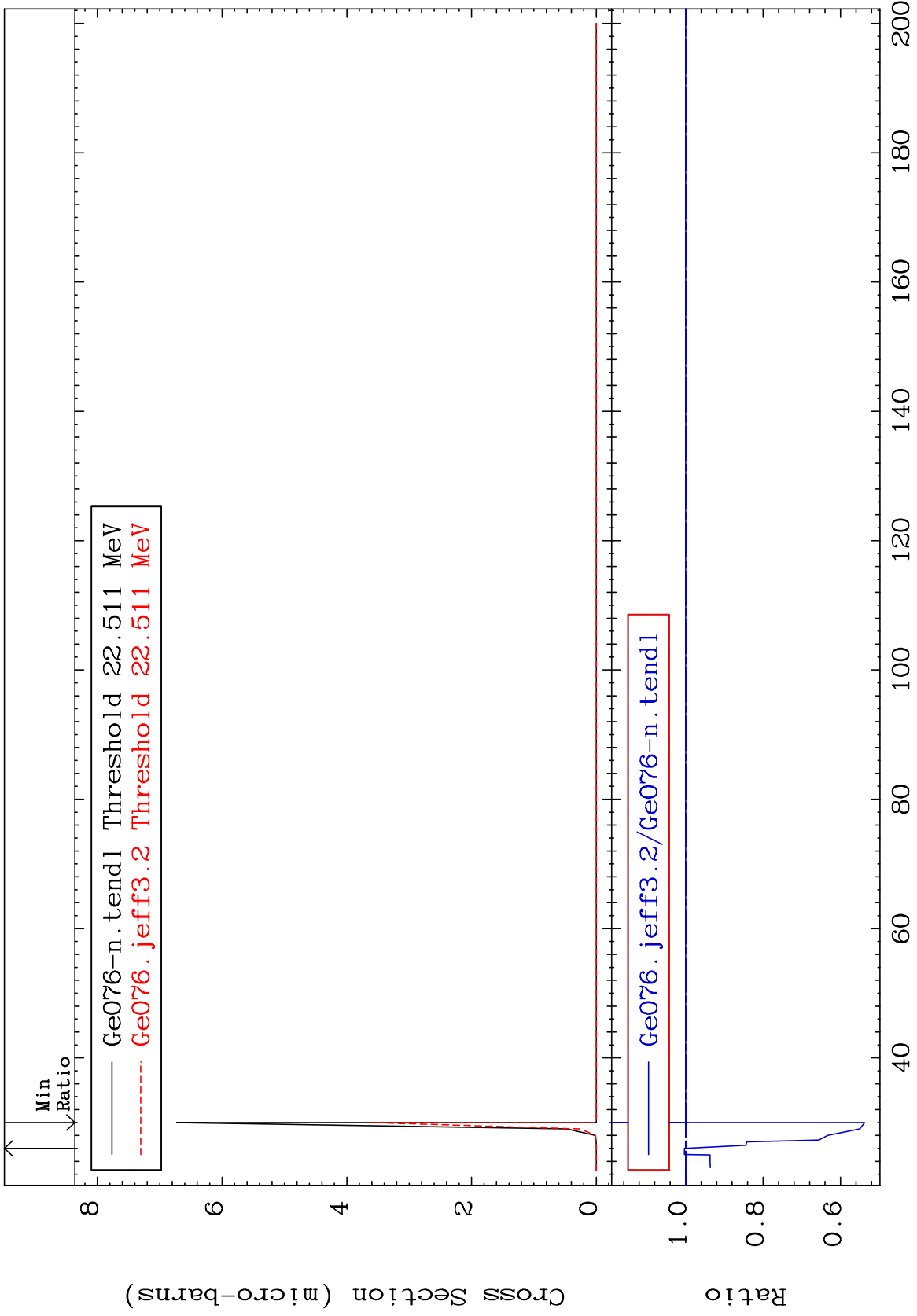
³²Ge-76
-43.29 To 35.94 %



MAT 3243

(n,3n) α
Cross Section

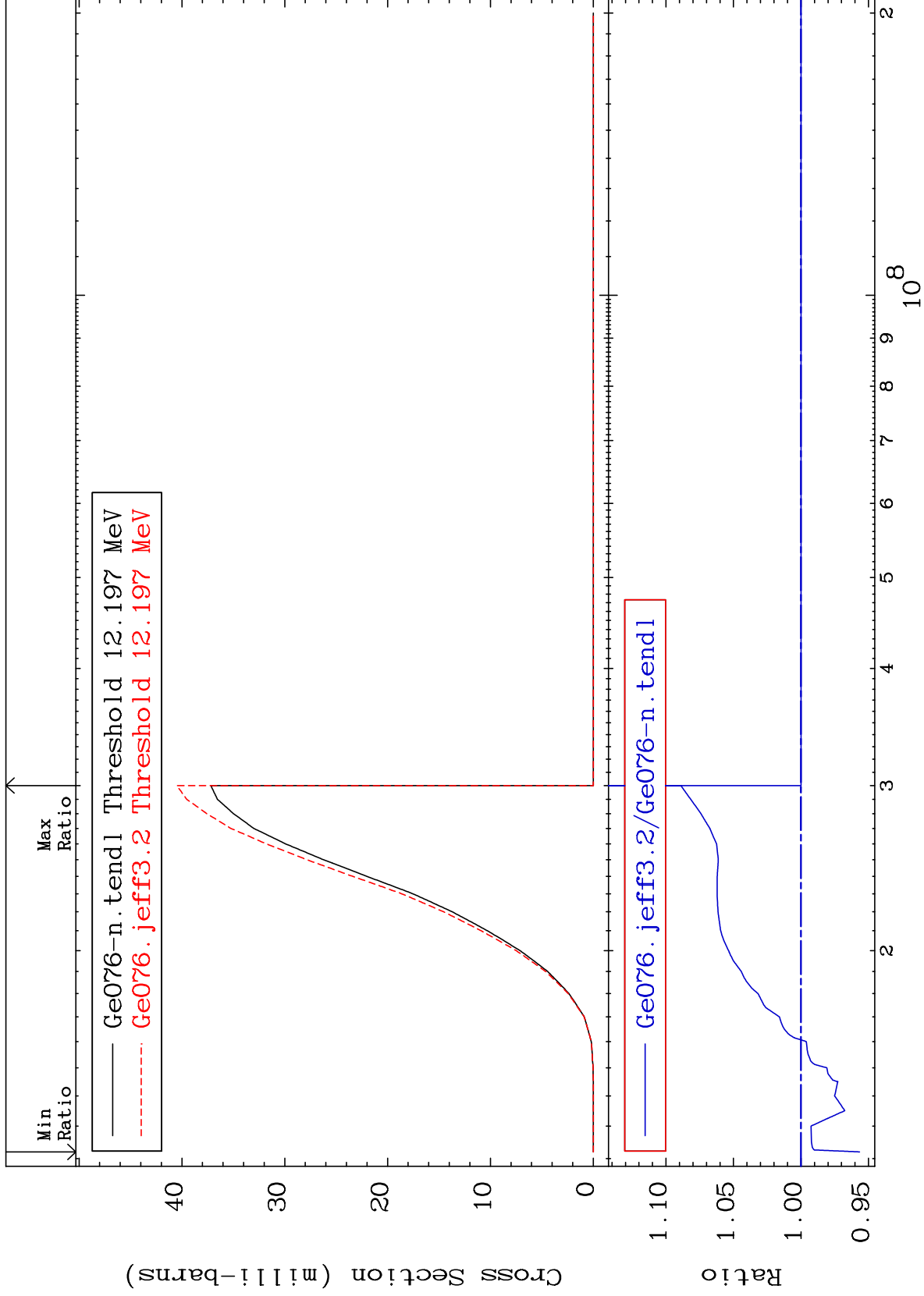
$^{32}\text{Ge-76}$
-46.22 To 0.311 %



MAT 3243

(n, n') p
Cross Section

³²Ge-76
-4.335 To 8.904 %



10

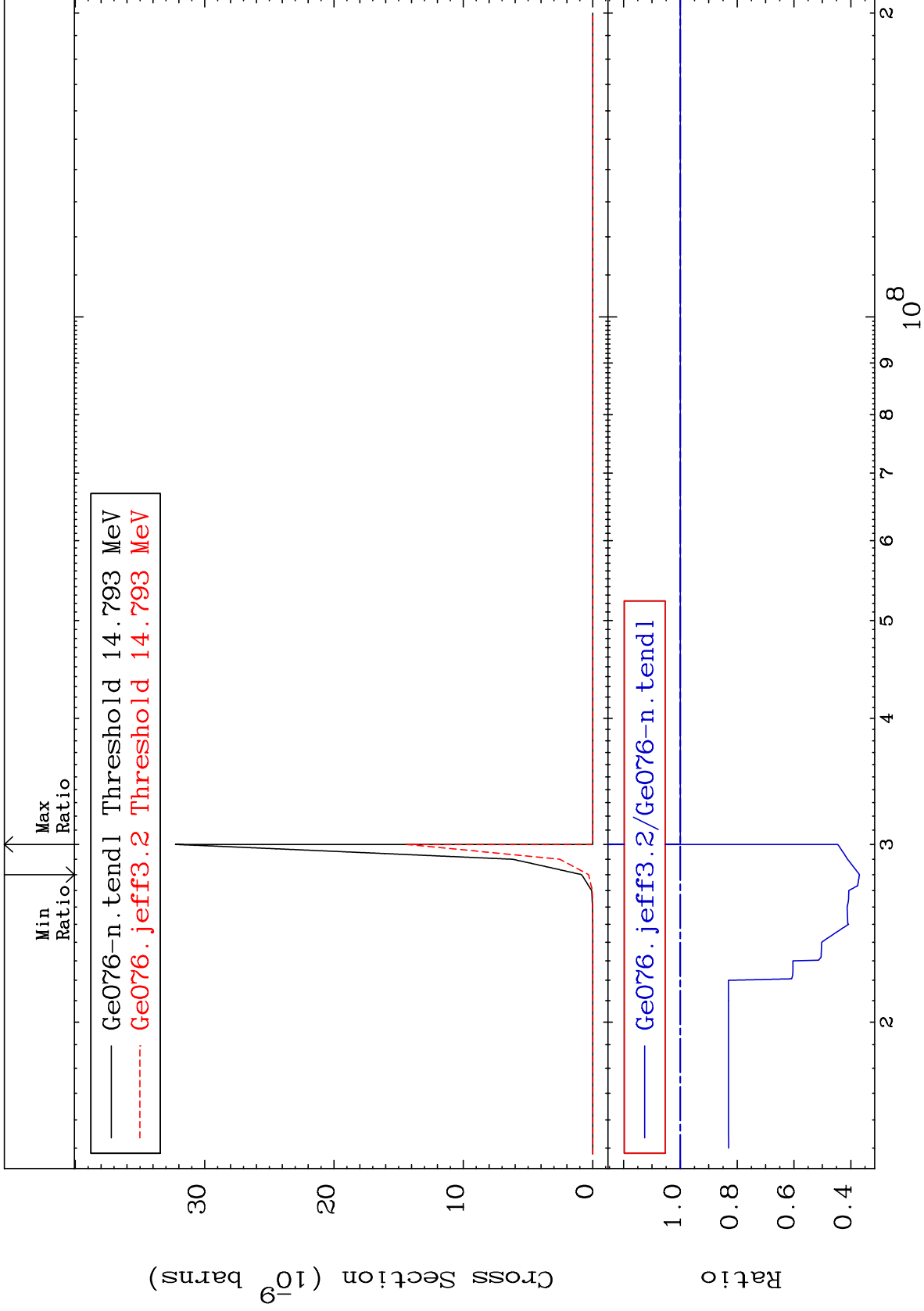
Incident Energy (eV)

³²Ge-76

MAT 3243

(n, n') 2α
Cross Section

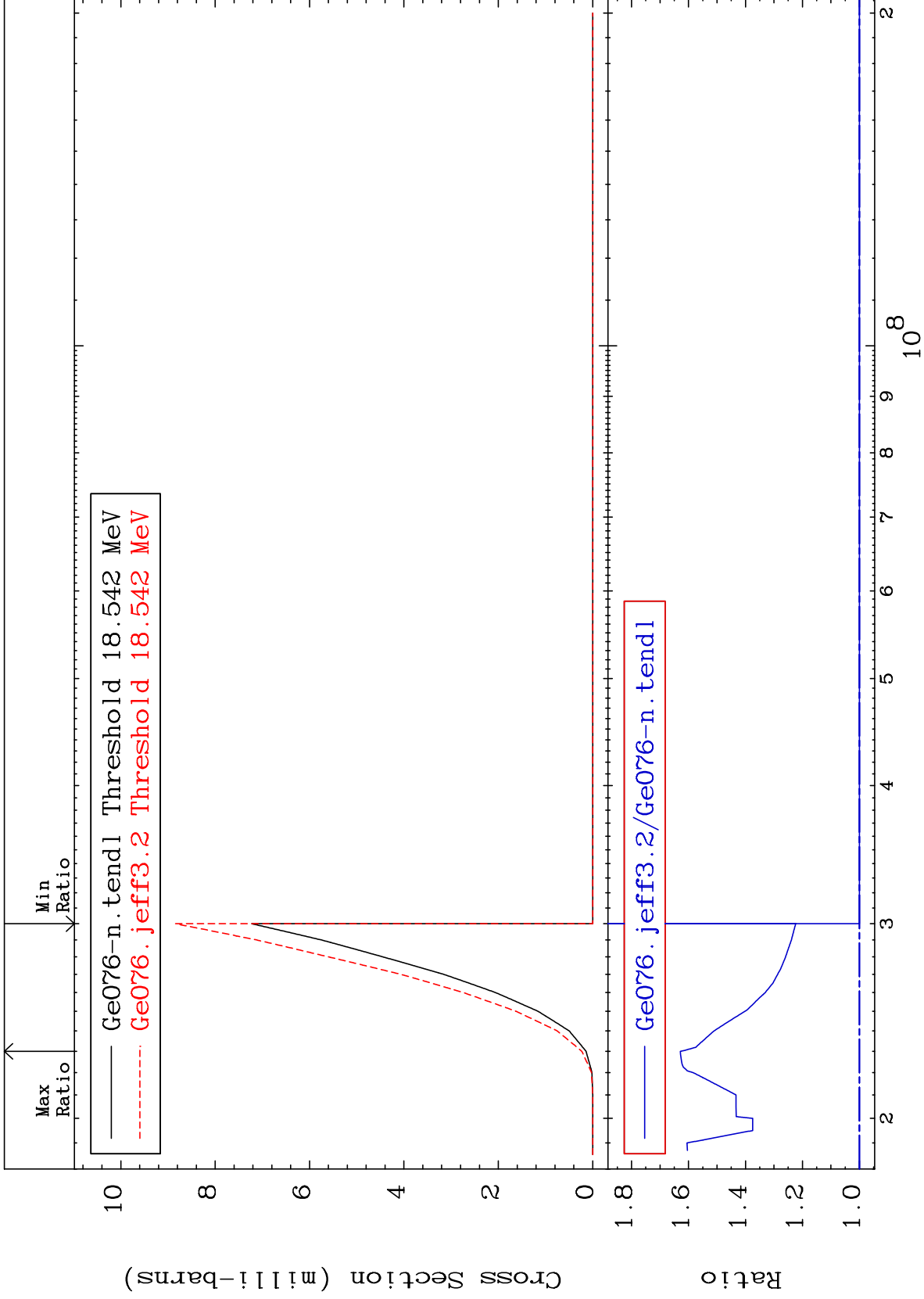
32-Ge-76
-63.04 To 0.000 %



MAT 3243

(n,n') d
Cross Section

32-Ge-76
0.000 To 62.86 %



12

Incident Energy (eV)

32-Ge-76

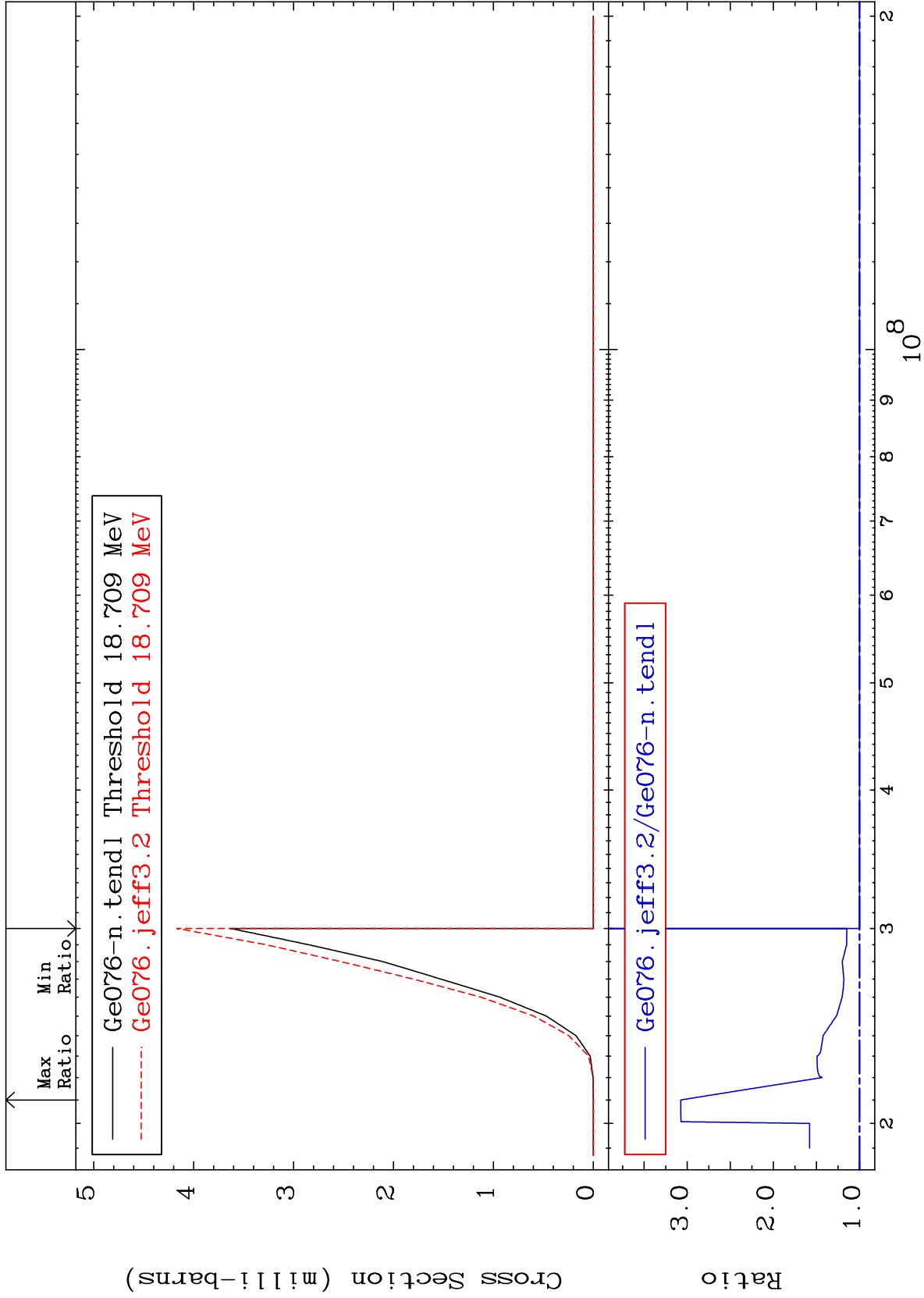
MAT 3243

(n,n') t

³²Ge-76

Cross Section

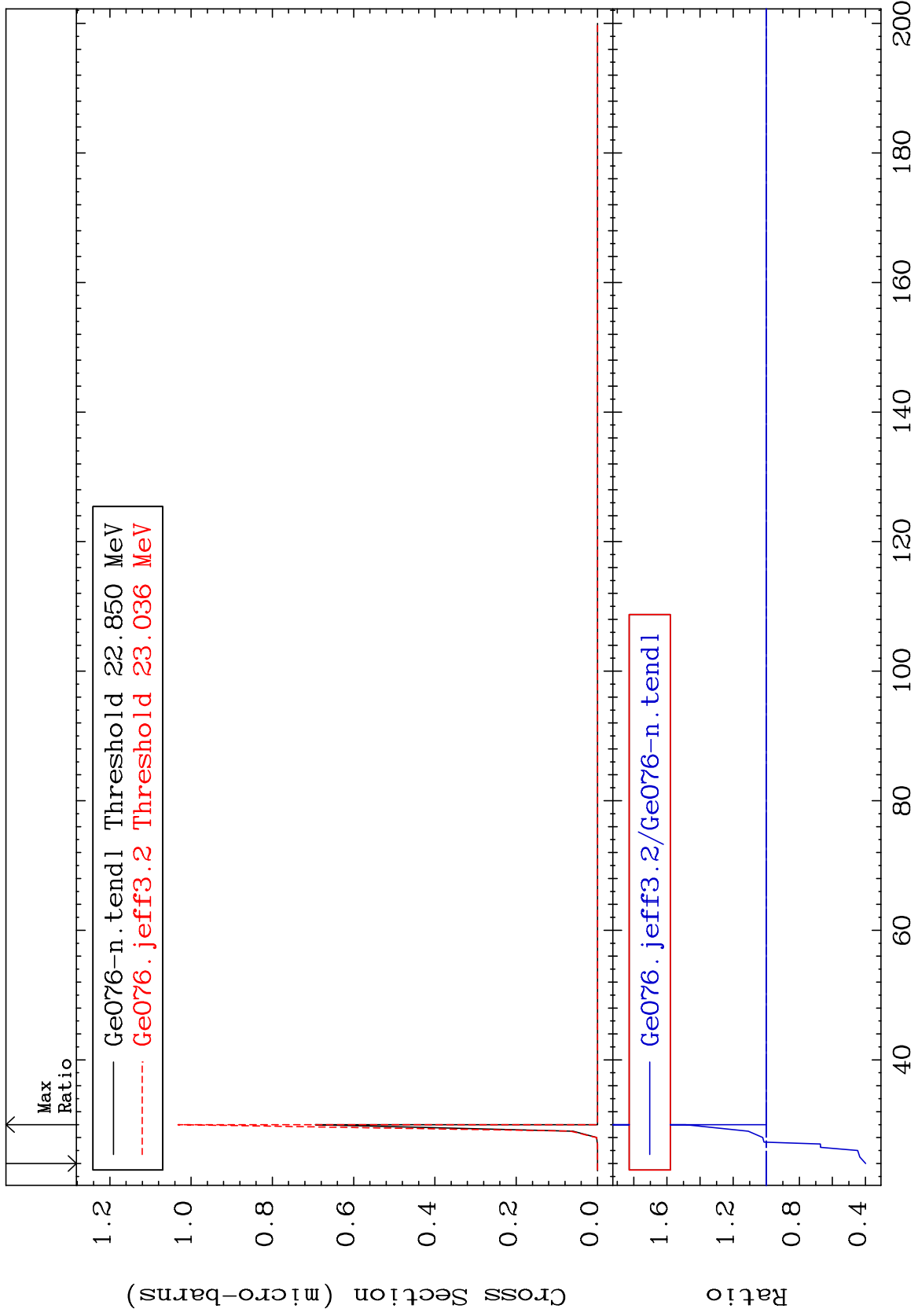
0.000 To 207.5 %



MAT 3243

(n, n') He-3
Cross Section

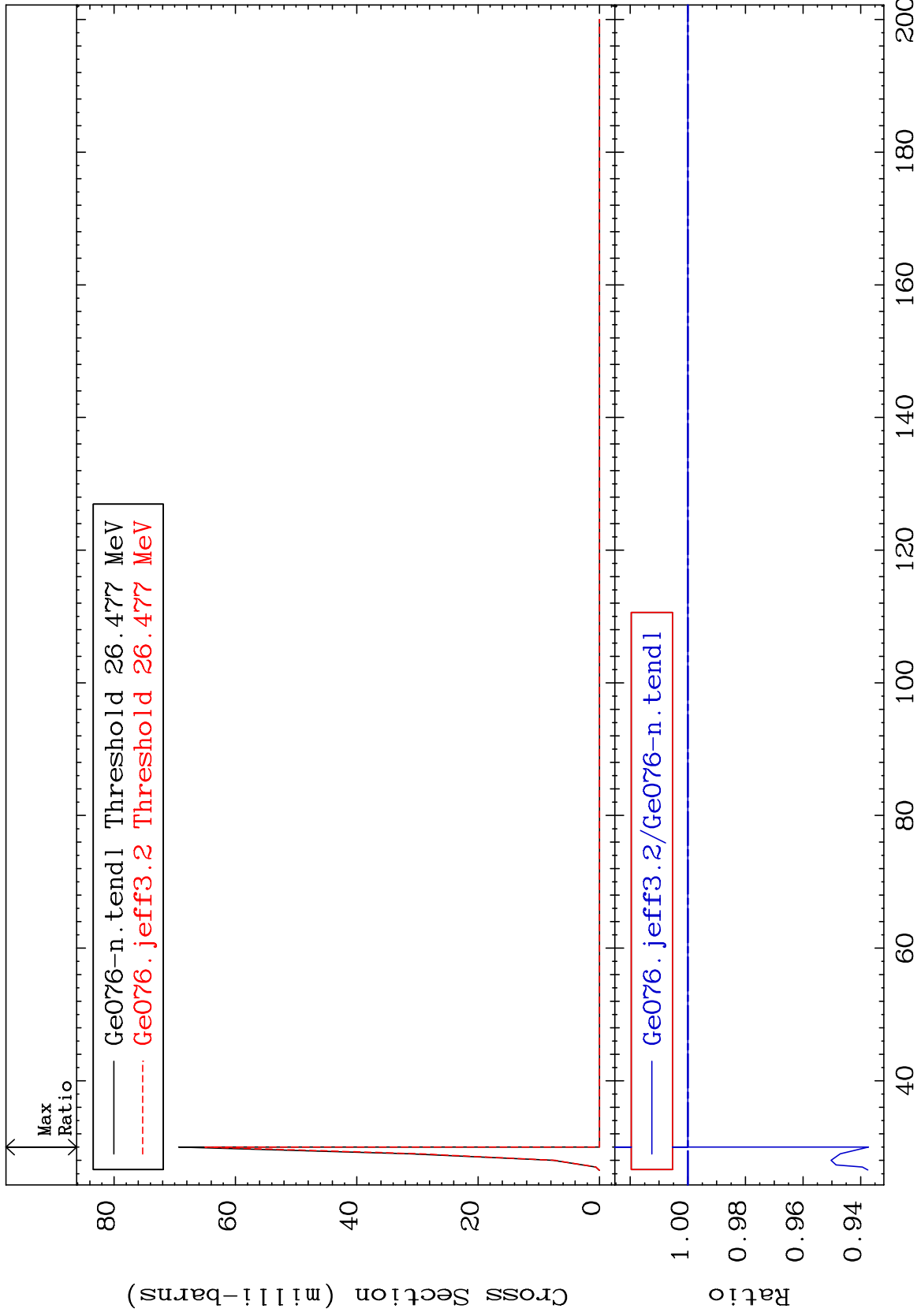
32-Ge-76
-60.10 To 48.71 %



MAT 3243

(n,4n)
Cross Section

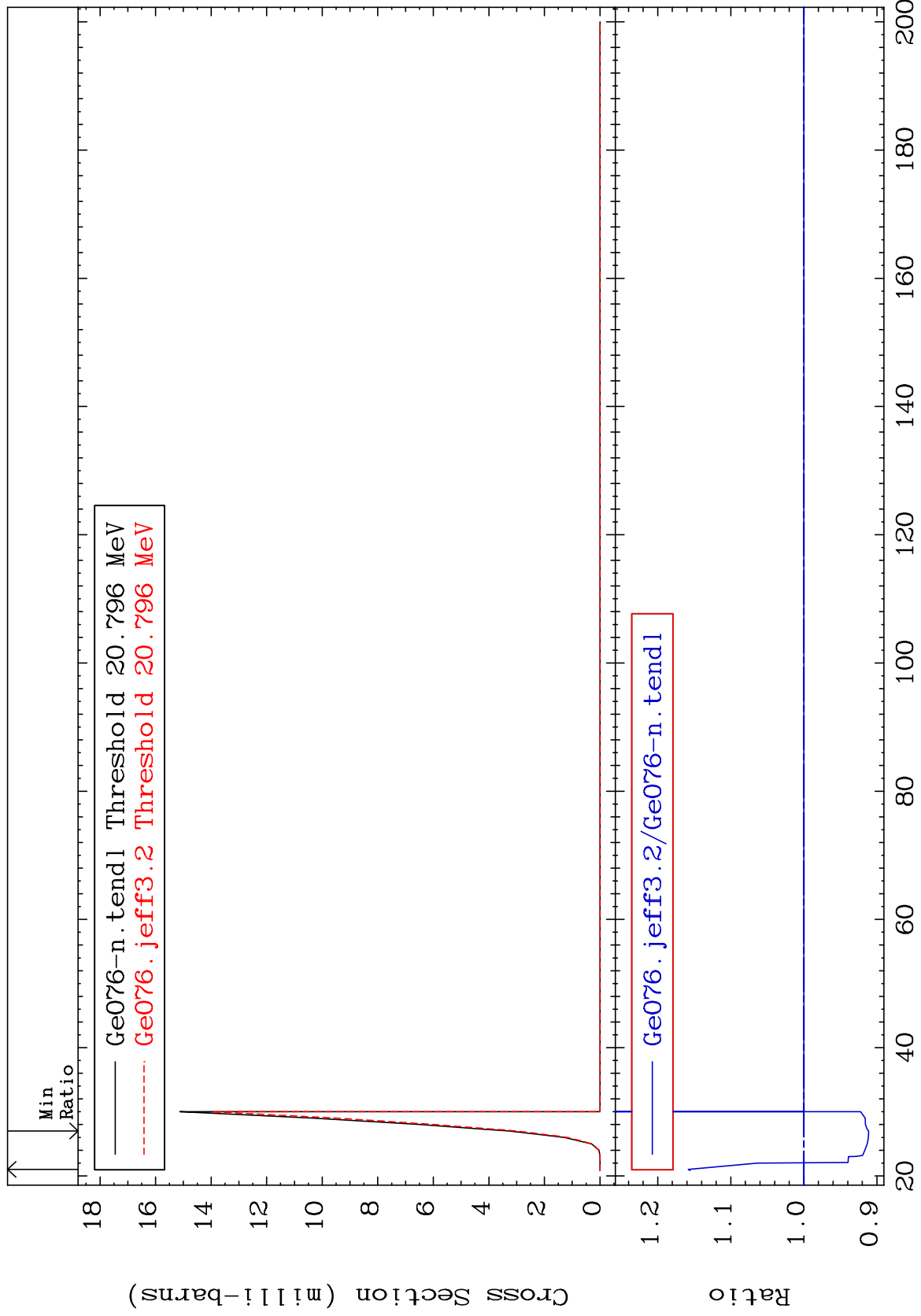
32-Ge-76
-6.274 To 0.000 %



MAT 3243

(n,2n) p
Cross Section

³²Ge-76
-8.854 To 15.82 %



16

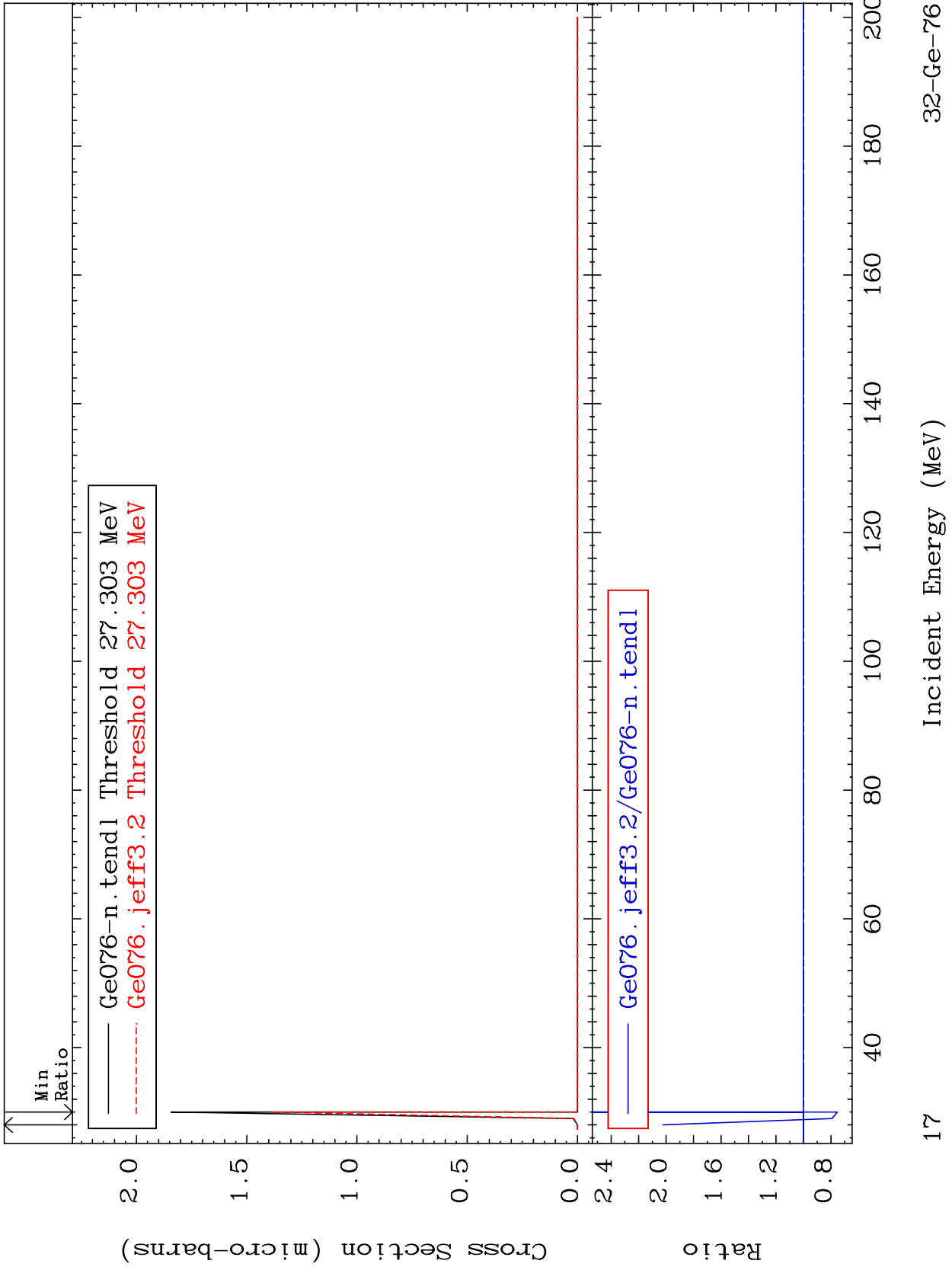
Incident Energy (MeV)

³²Ge-76

MAT 3243

(n,3n) p
Cross Section

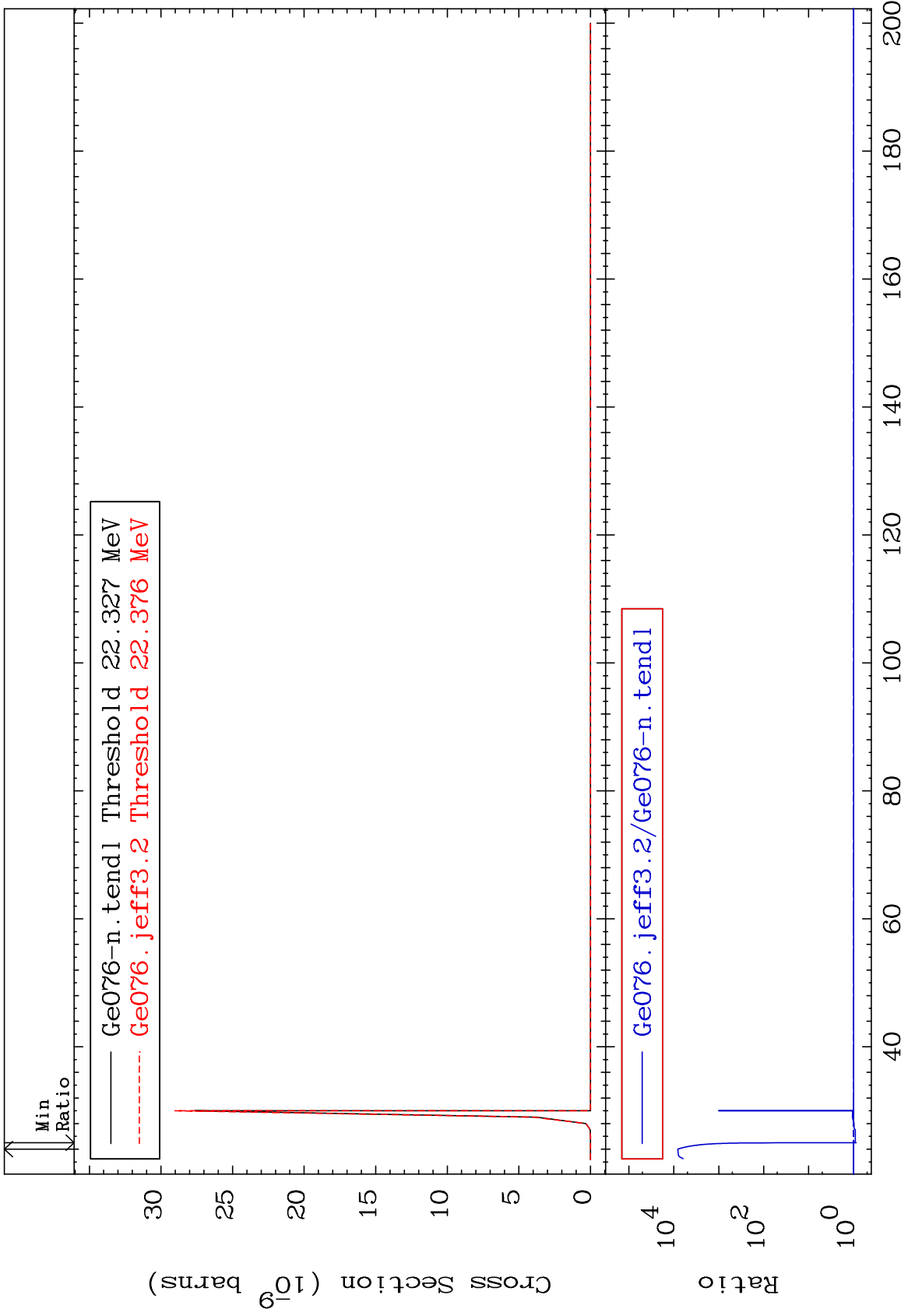
³²Ge-76
-24.65 To 102.4 %



MAT 3243

(n,2n) p
Cross Section

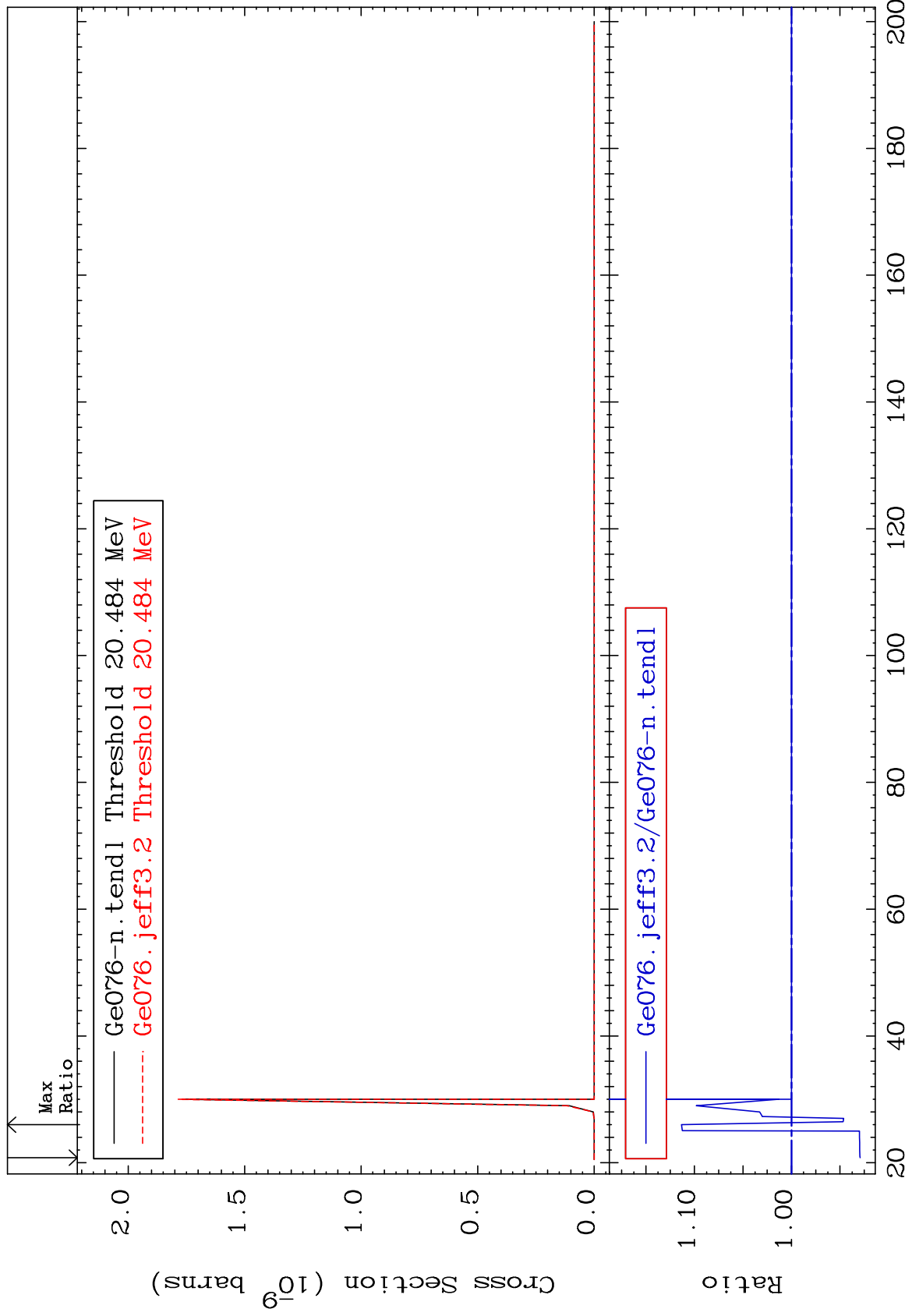
32-Ge-76
-12.19 To 9999. %

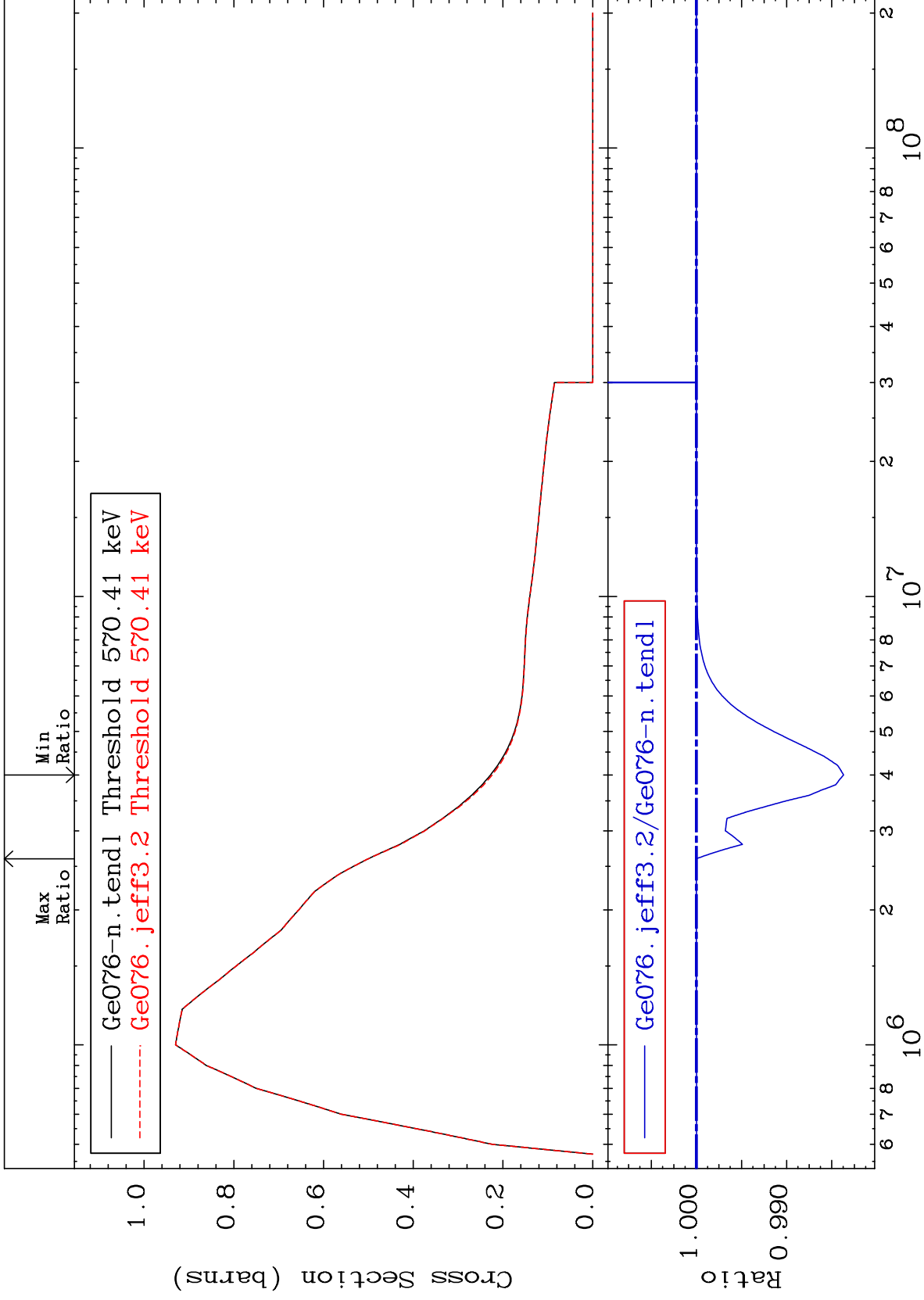


MAT 3243

(n,n') p α
Cross Section

³²Ge-76
-7.069 To 11.33 %

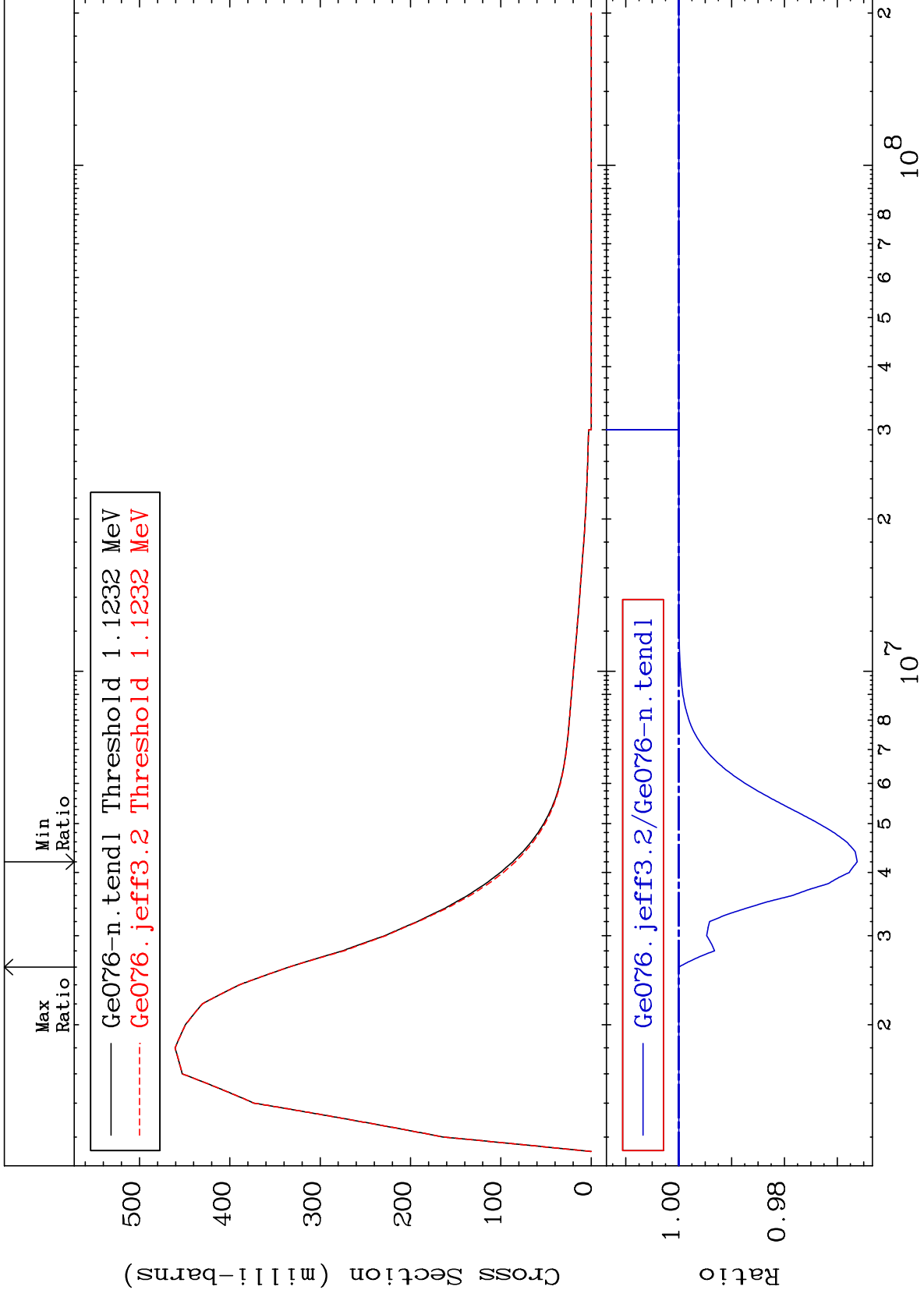


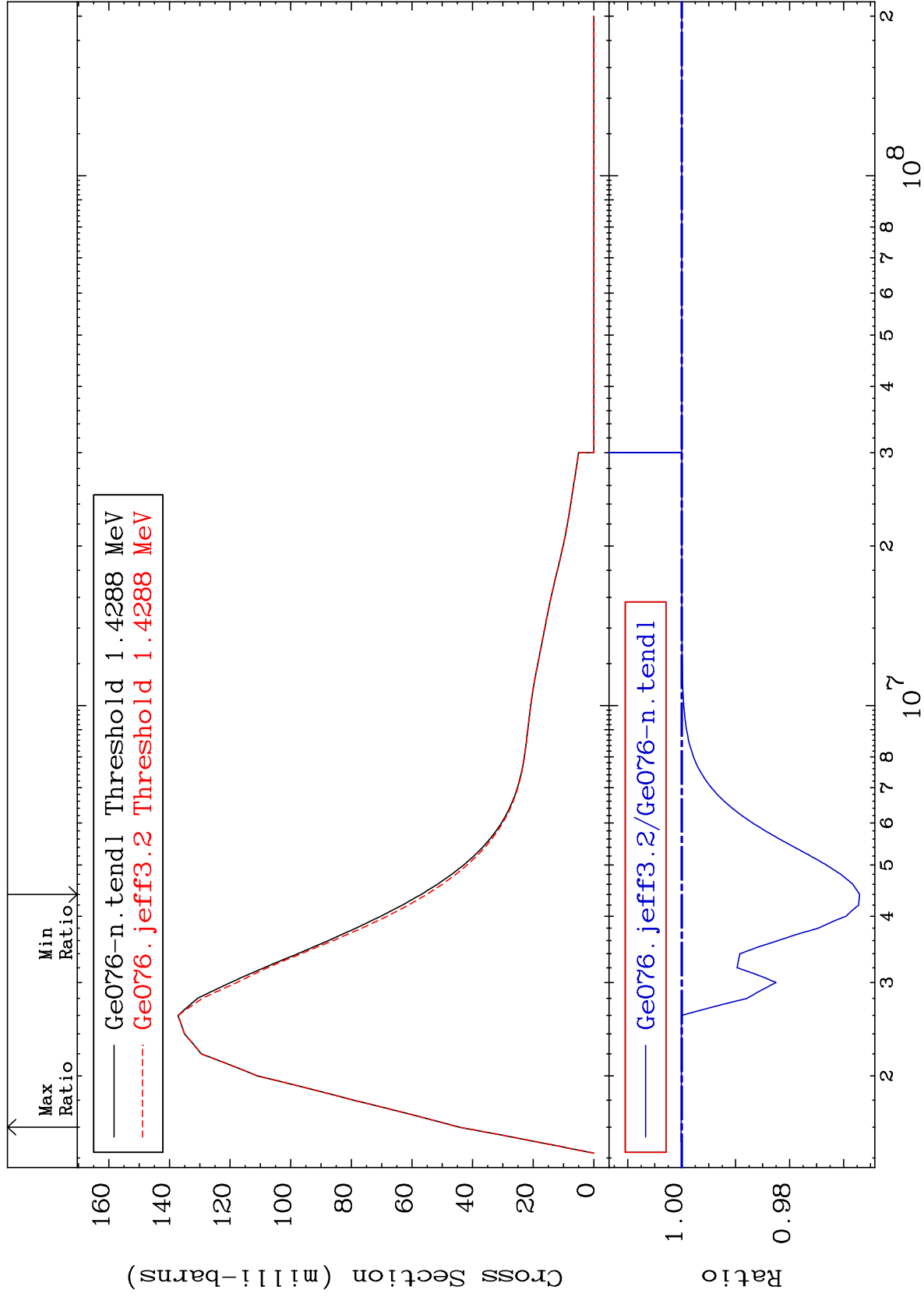


MAT 3243

1.108 MeV (n,n') Level
Cross Section

³²Ge-76
-3.379 To 0.001 %





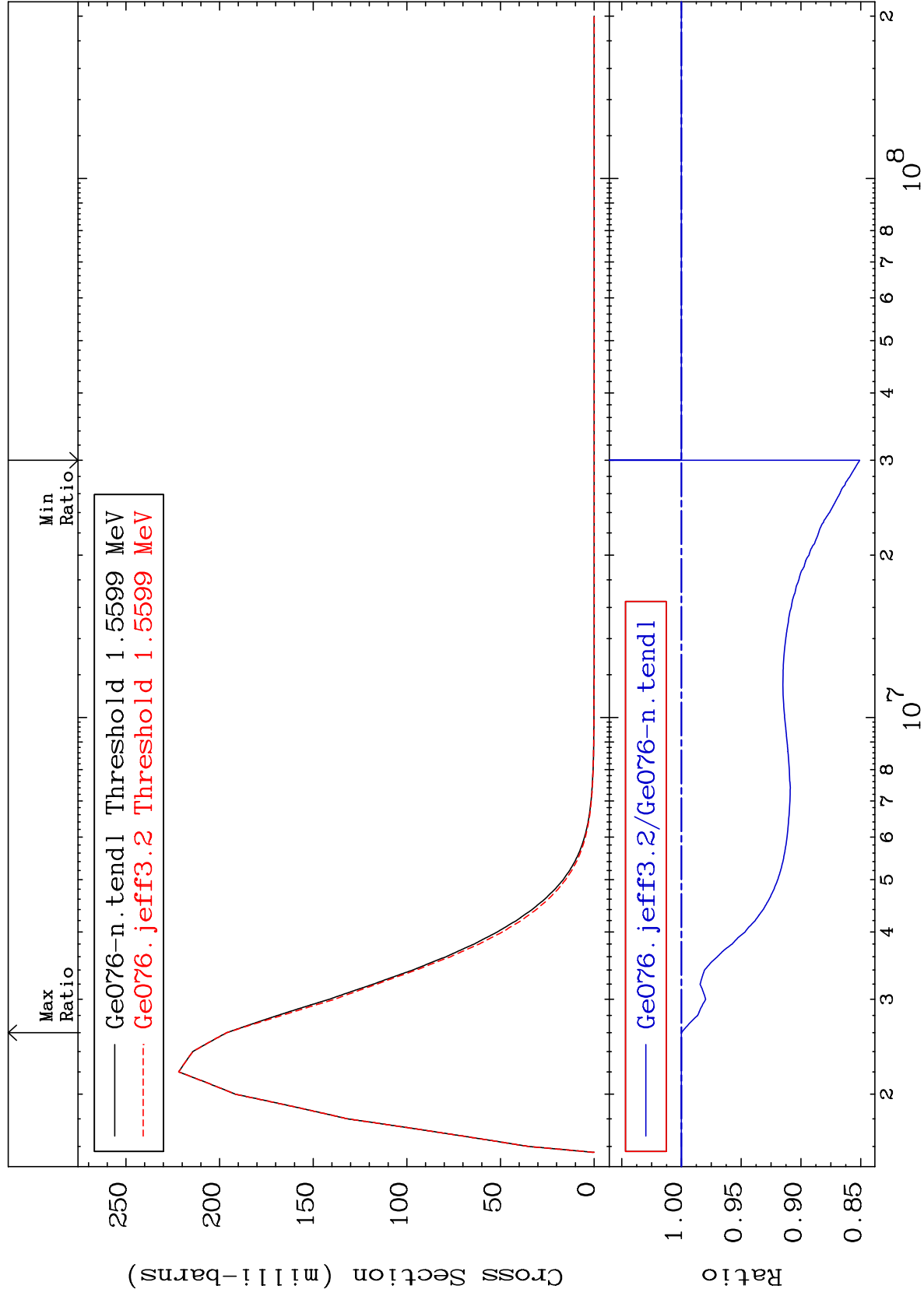
MAT 3243

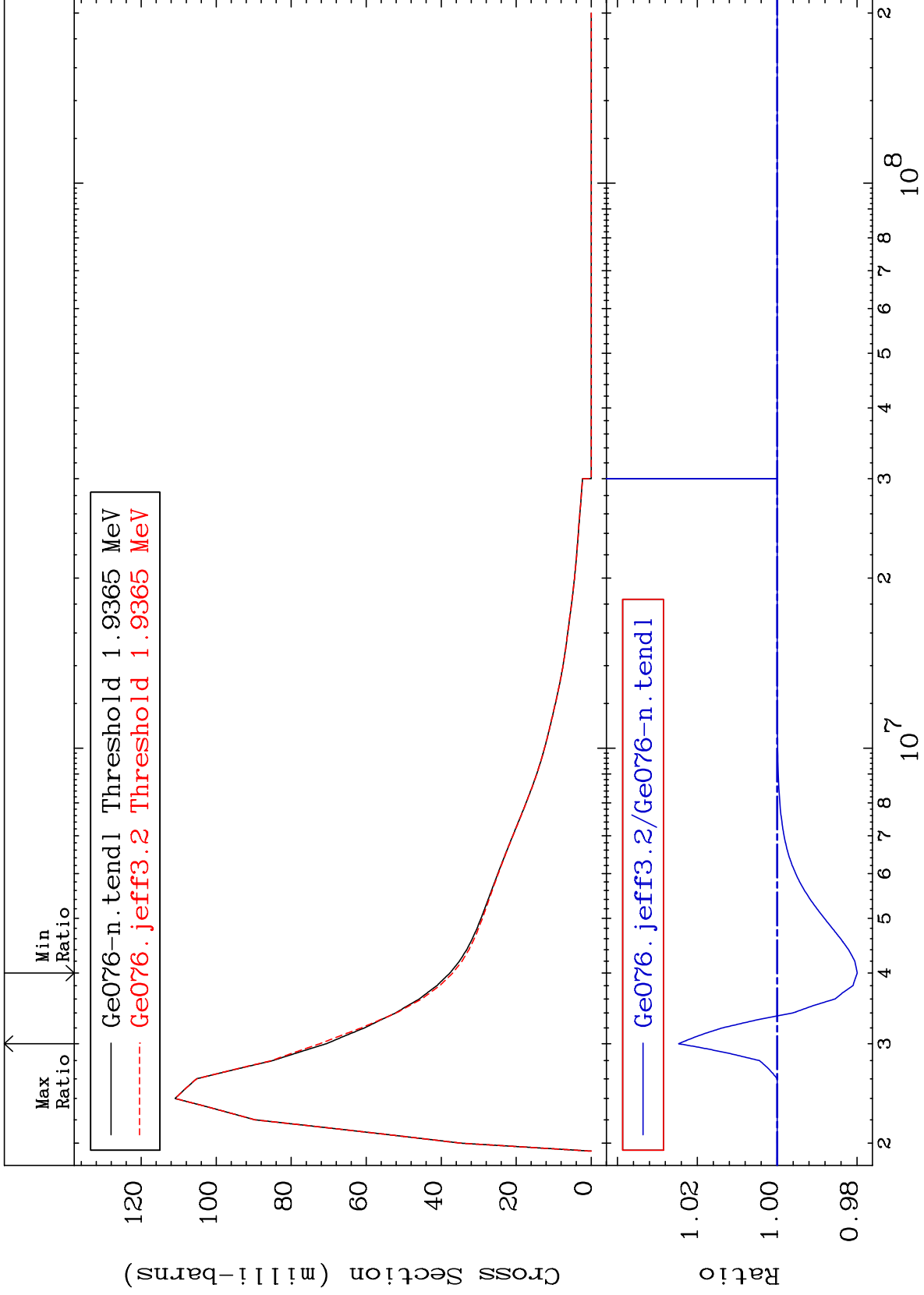
1.539 MeV (n,n') Level

³²Ge-76

-14.92 To 0.004 %

Cross Section

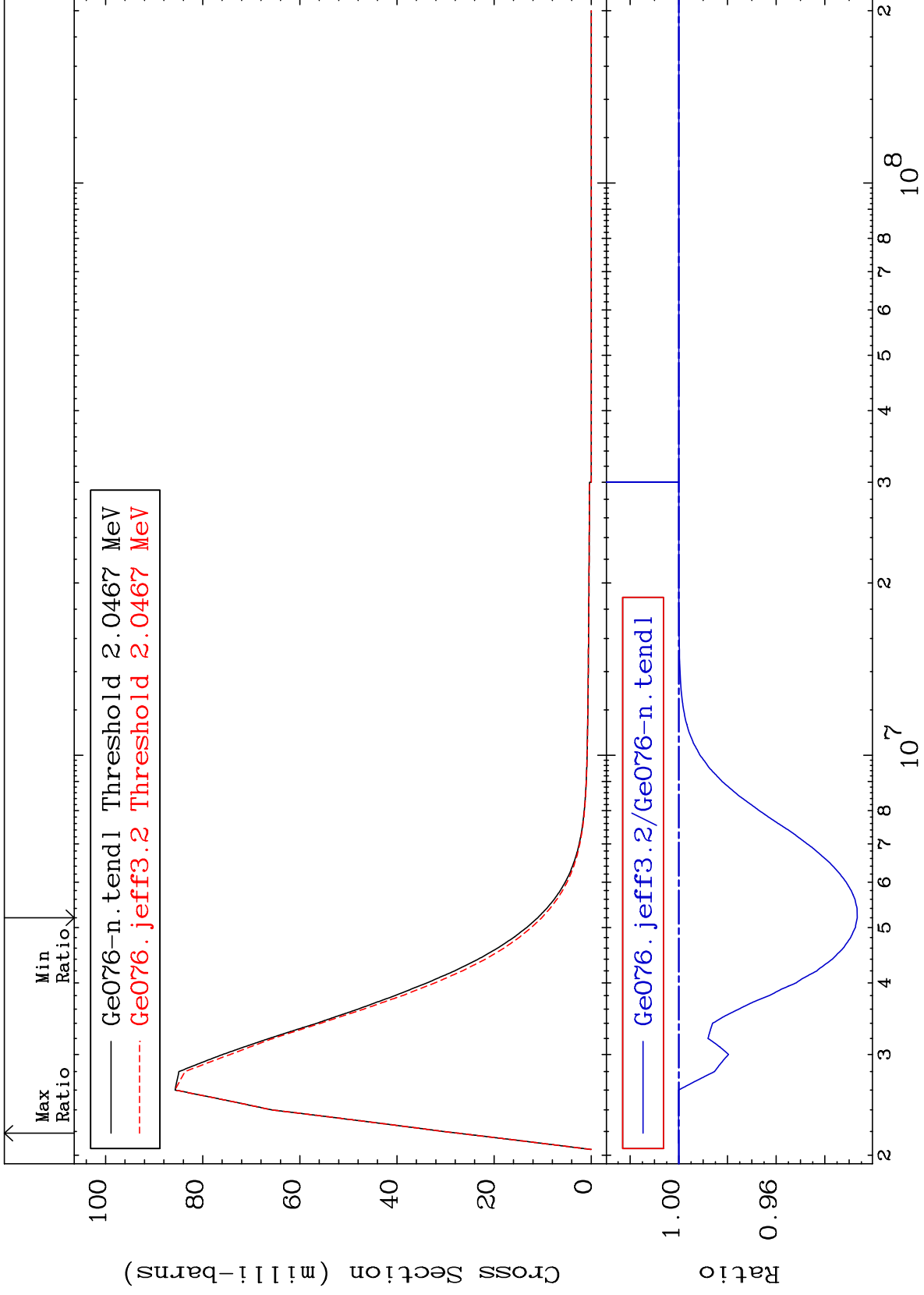


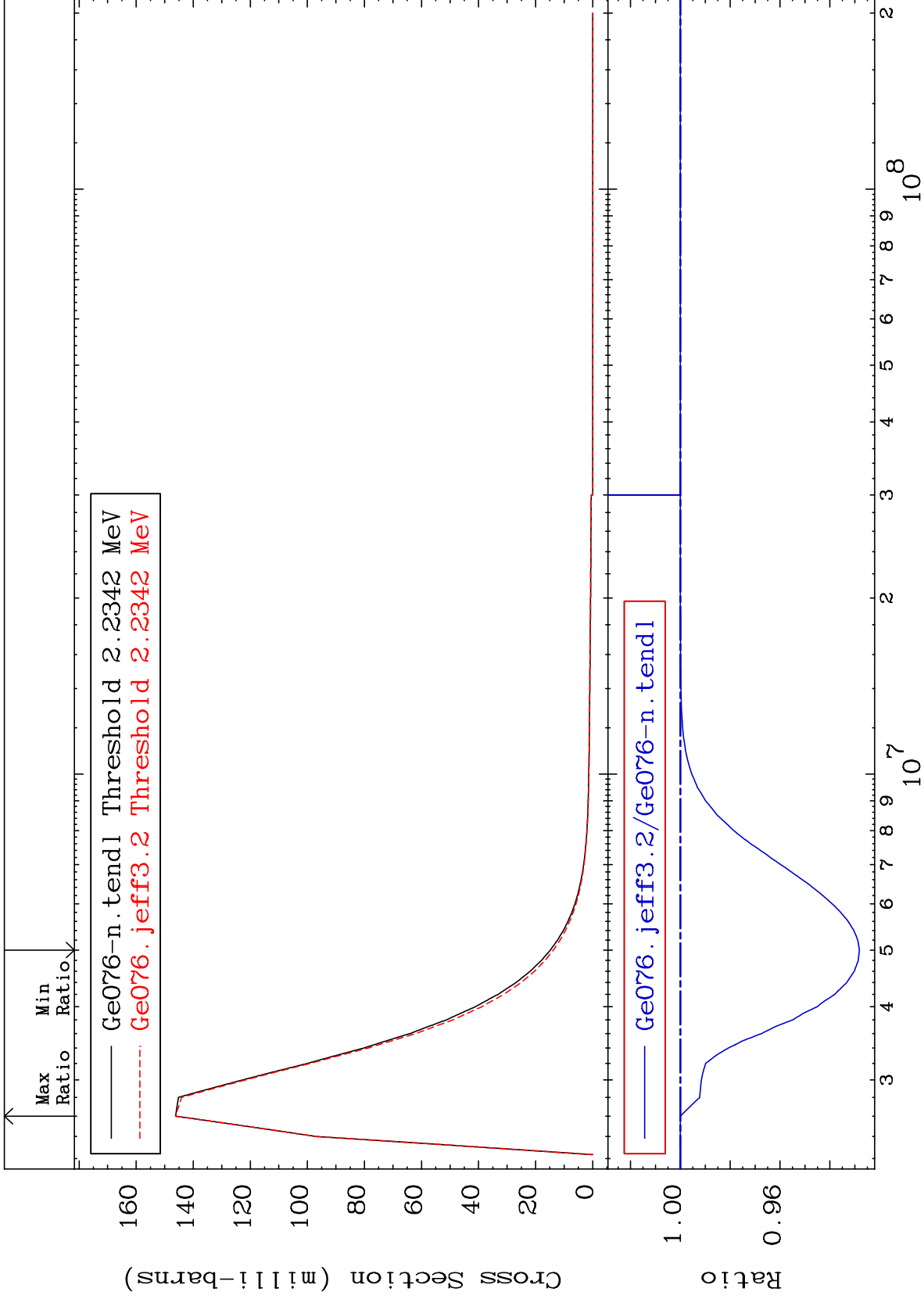


MAT 3243

2.020 MeV (n,n') Level
Cross Section

32-Ge-76
-7.330 To 0.008 %

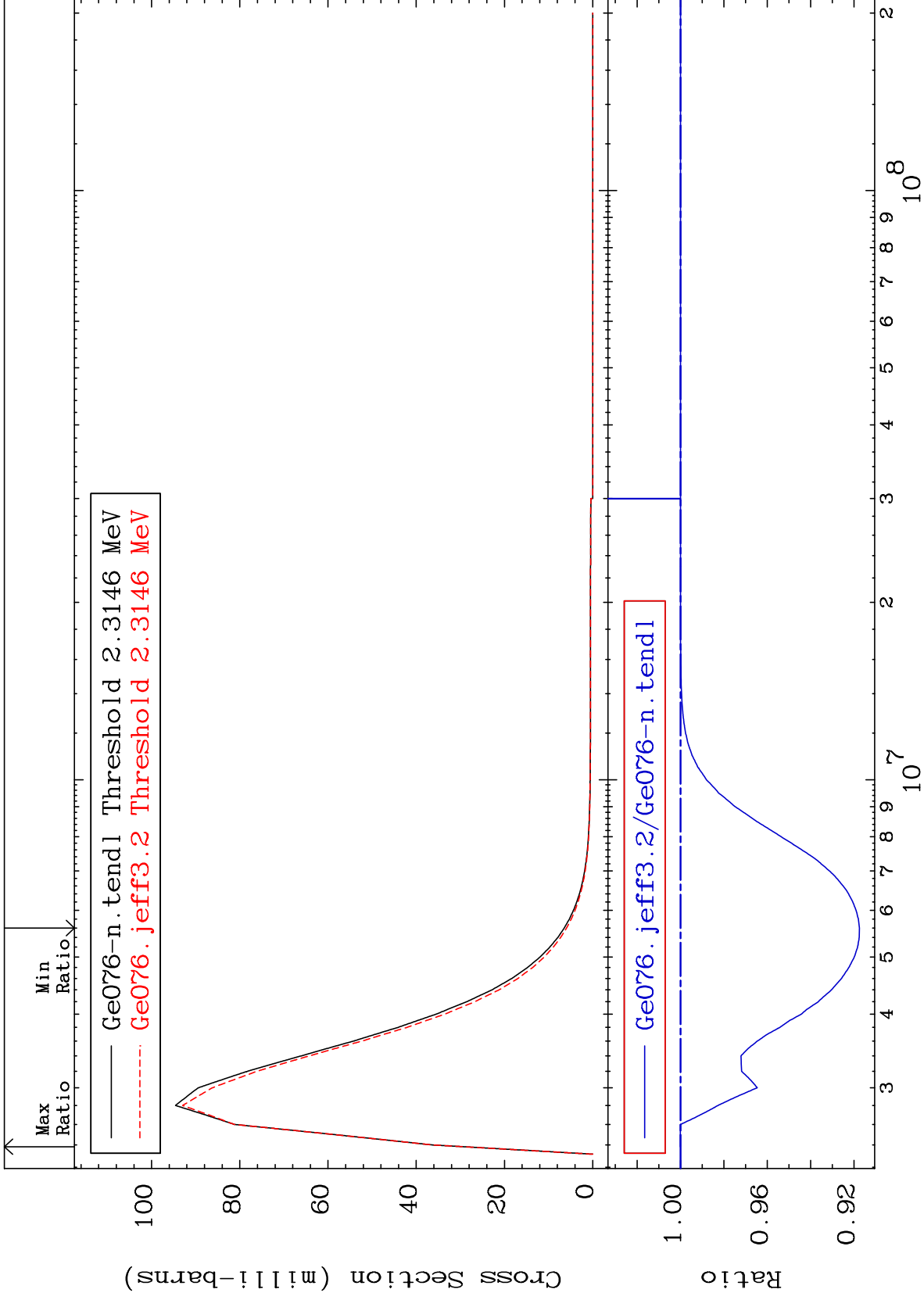




MAT 3243

2.284 MeV (n,n') Level
Cross Section

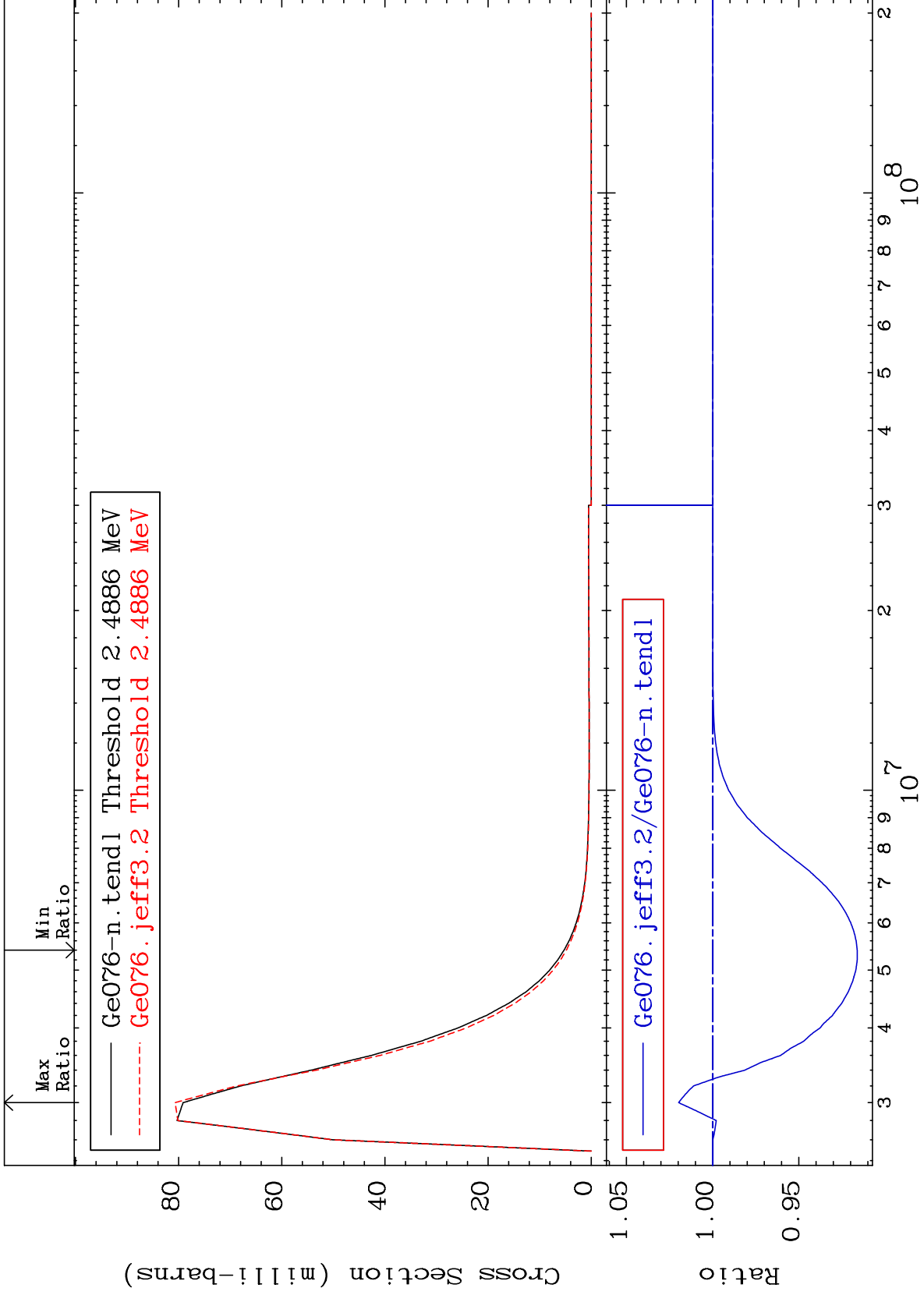
32-Ge-76
-8.246 To 0.005 %

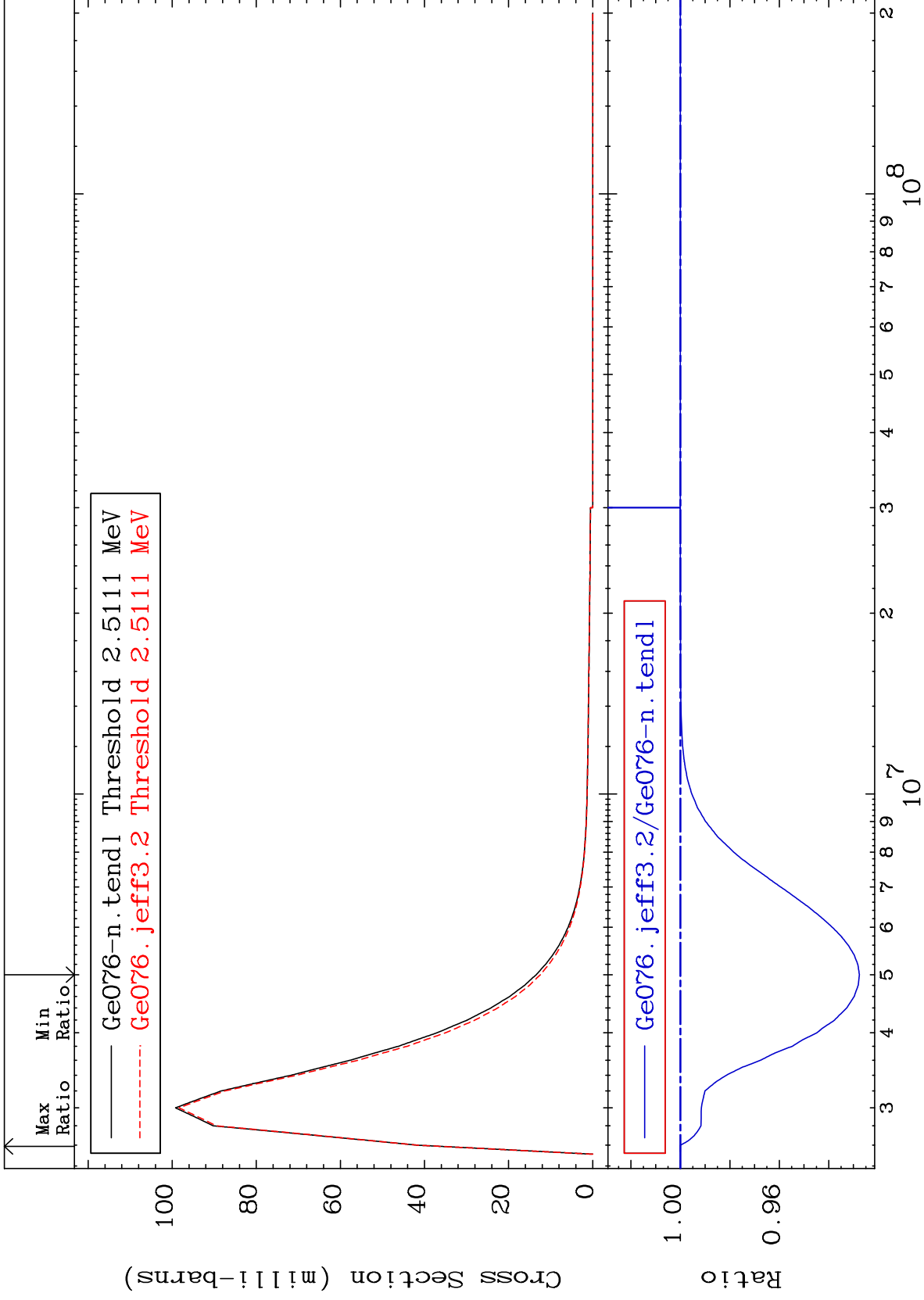


MAT 3243

2.456 MeV (n,n') Level
Cross Section

32-Ge-76
-8.389 To 1.974 %

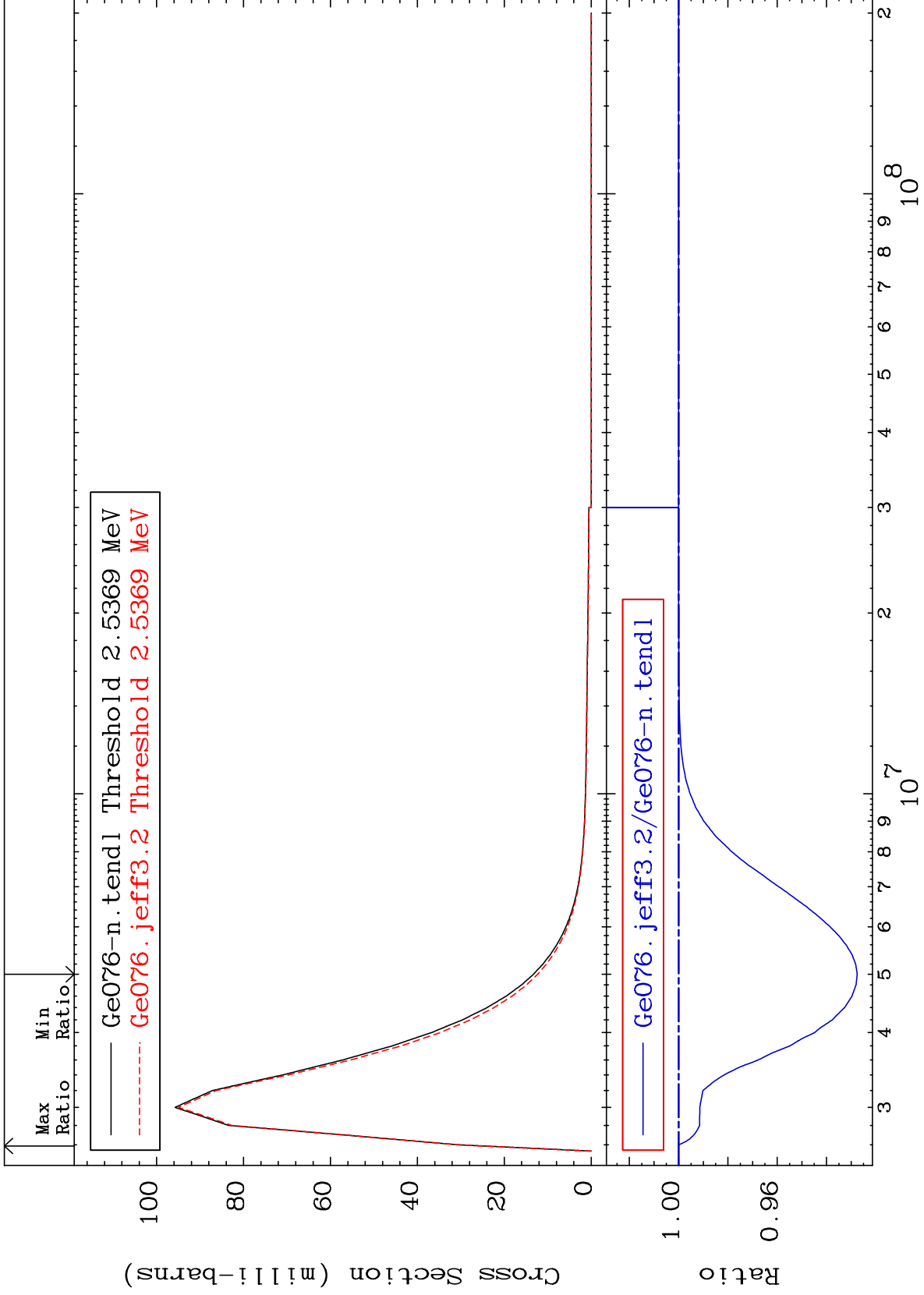




MAT 3243

2.504 MeV (n,n') Level
Cross Section

32-Ge-76
-7.246 To 0.002 %



30

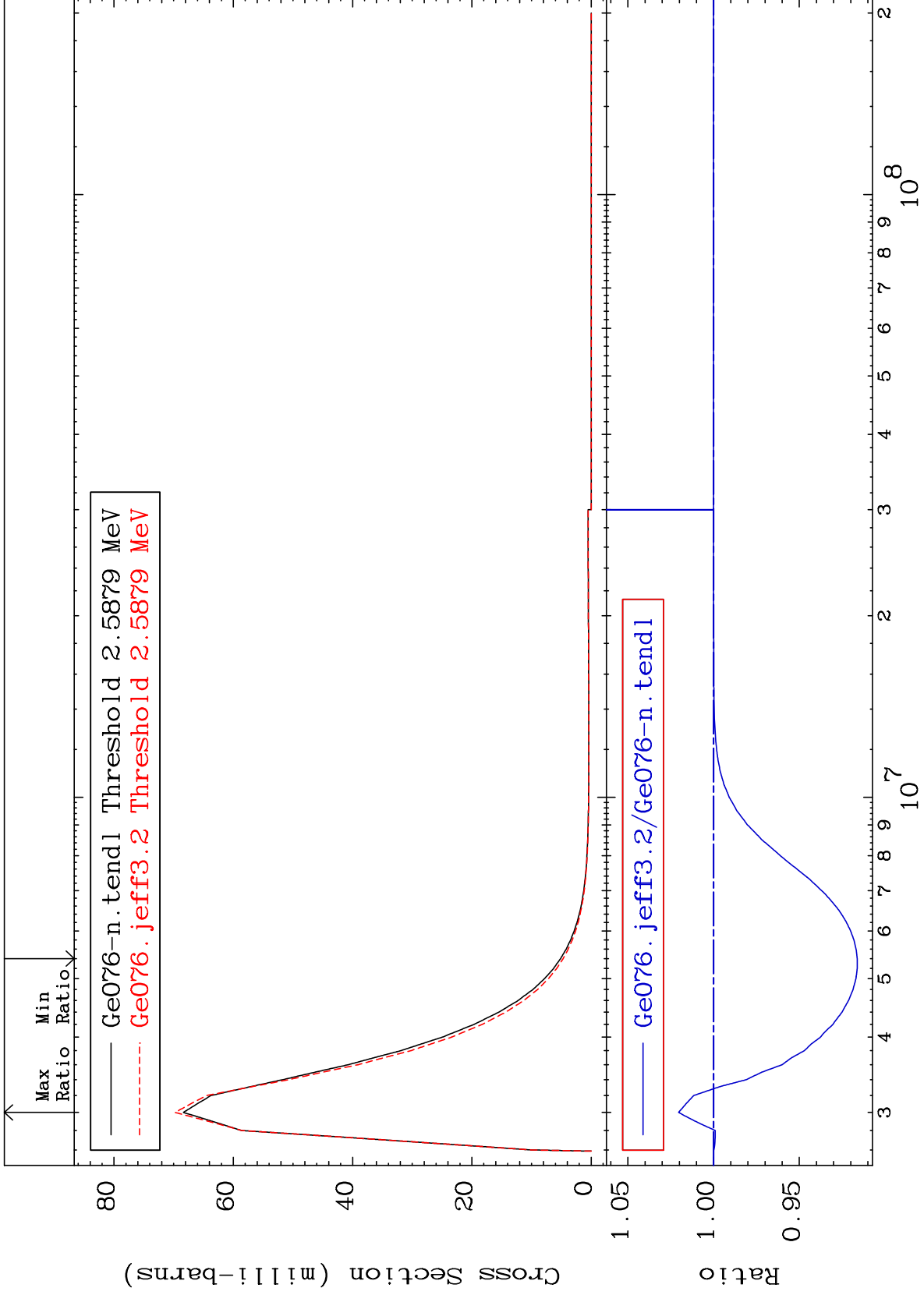
Incident Energy (eV)

32-Ge-76

MAT 3243

2.554 MeV (n,n') Level
Cross Section

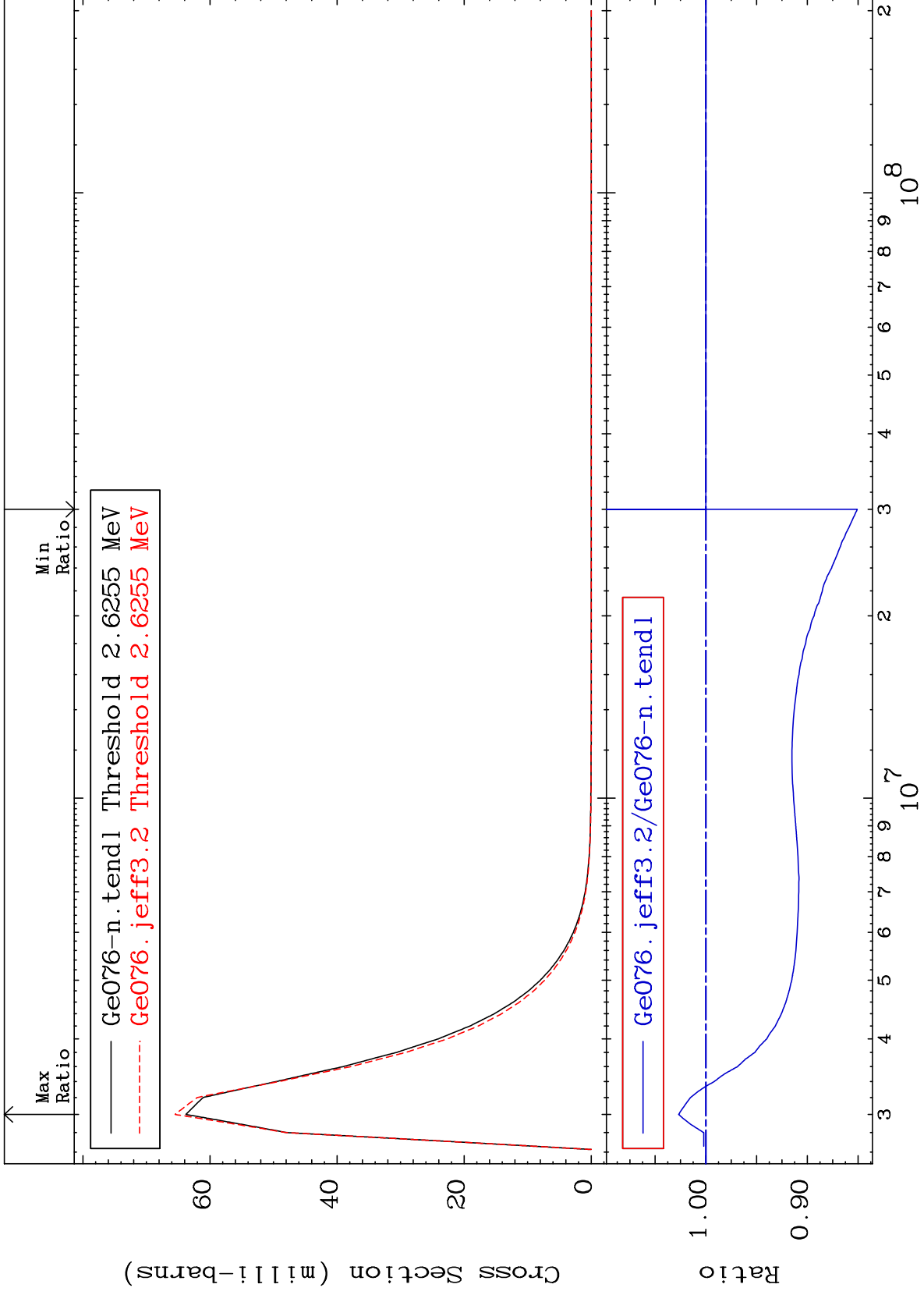
32-Ge-76
-8.382 To 2.041 %



MAT 3243

2.591 MeV (n,n') Level
Cross Section

32-Ge-76
-14.92 To 2.689 %



32

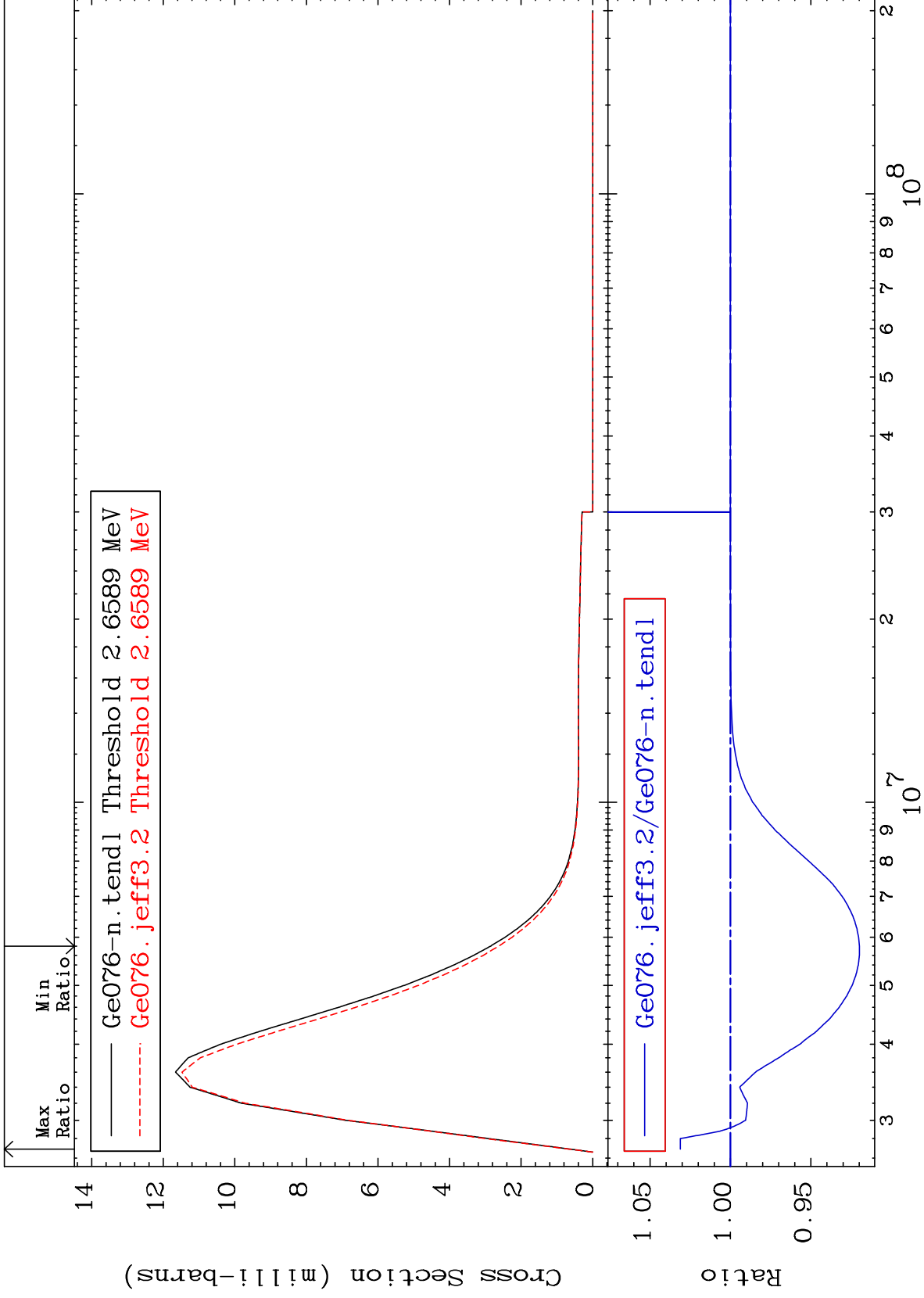
Incident Energy (eV)

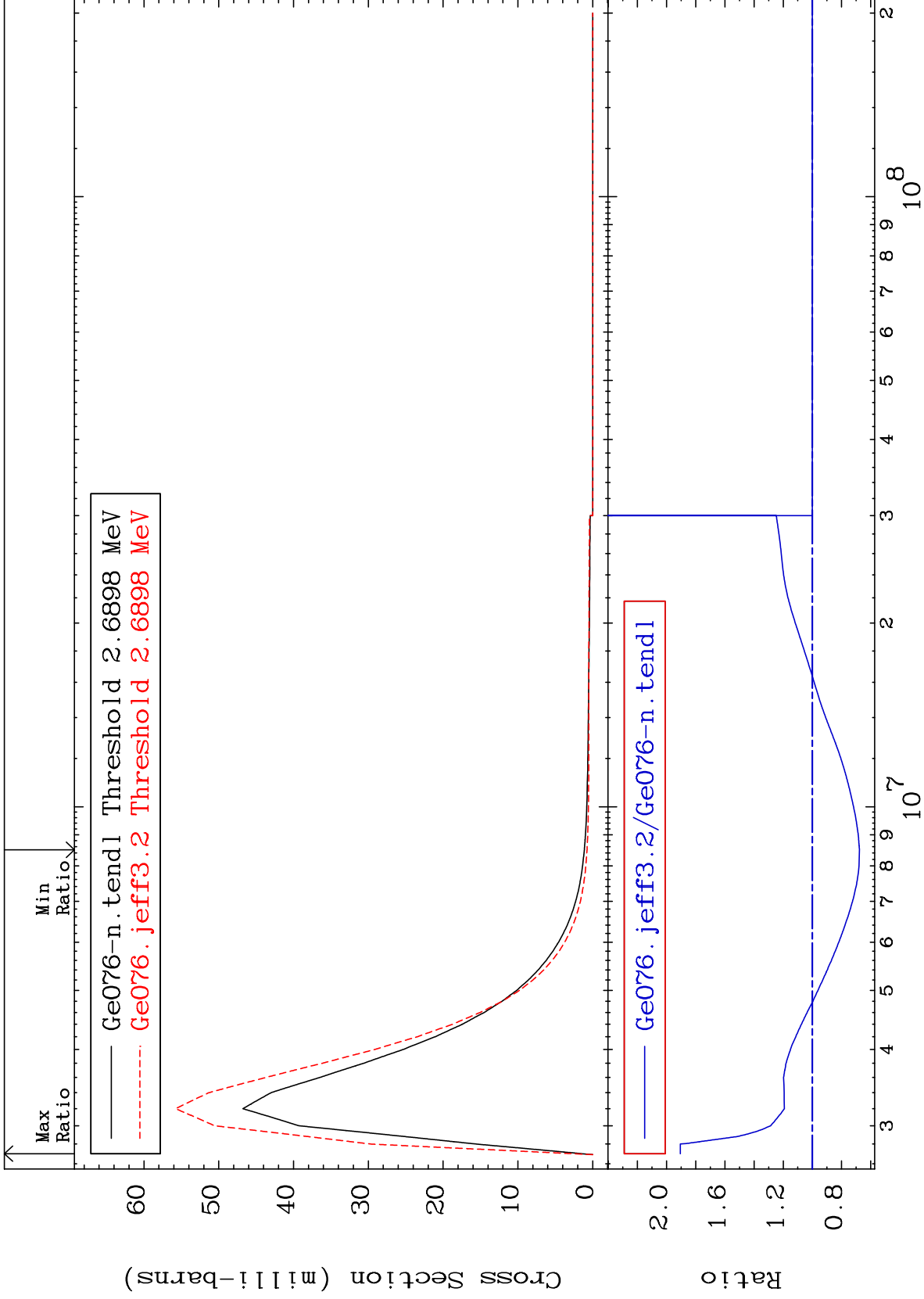
32-Ge-76

MAT 3243

2.624 MeV (n,n') Level
Cross Section

³²Ge-76
-8.016 To 3.113 %



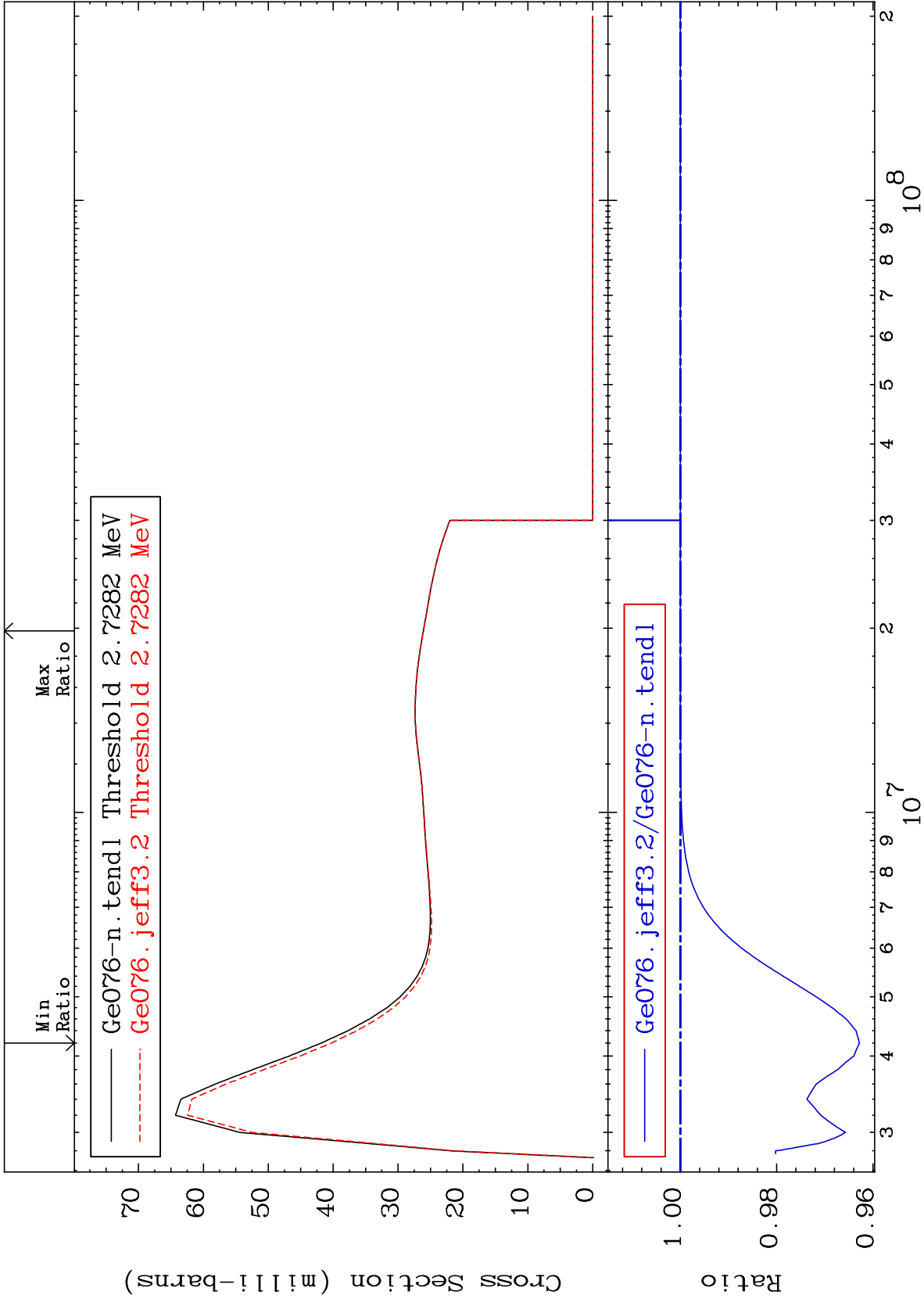


MAT 3243

2.692 MeV (n,n') Level

³²Ge-76

-3.719 To 0.000 %



35

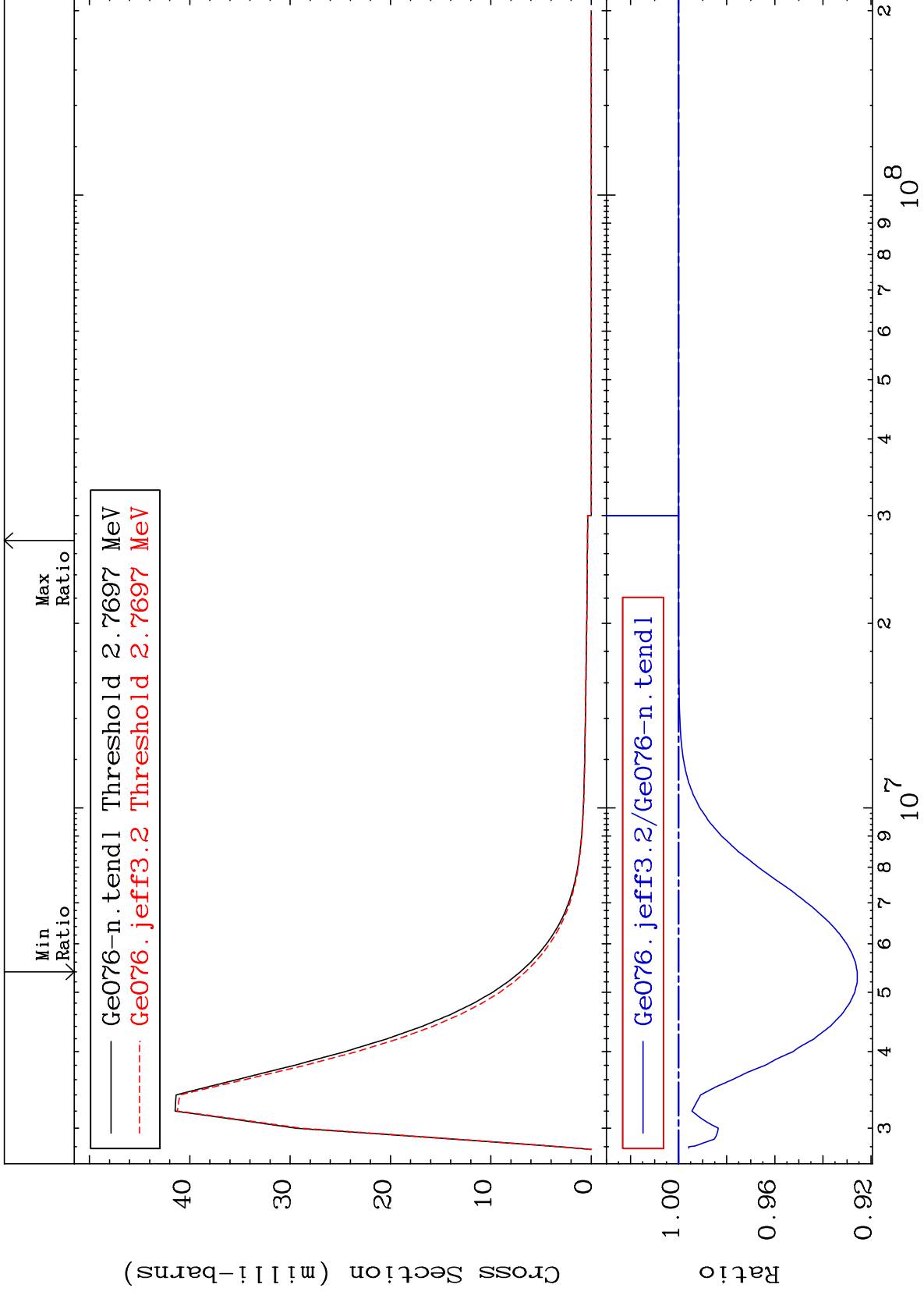
Incident Energy (eV)

³²Ge-76

MAT 3243

2.733 MeV (n,n') Level
Cross Section

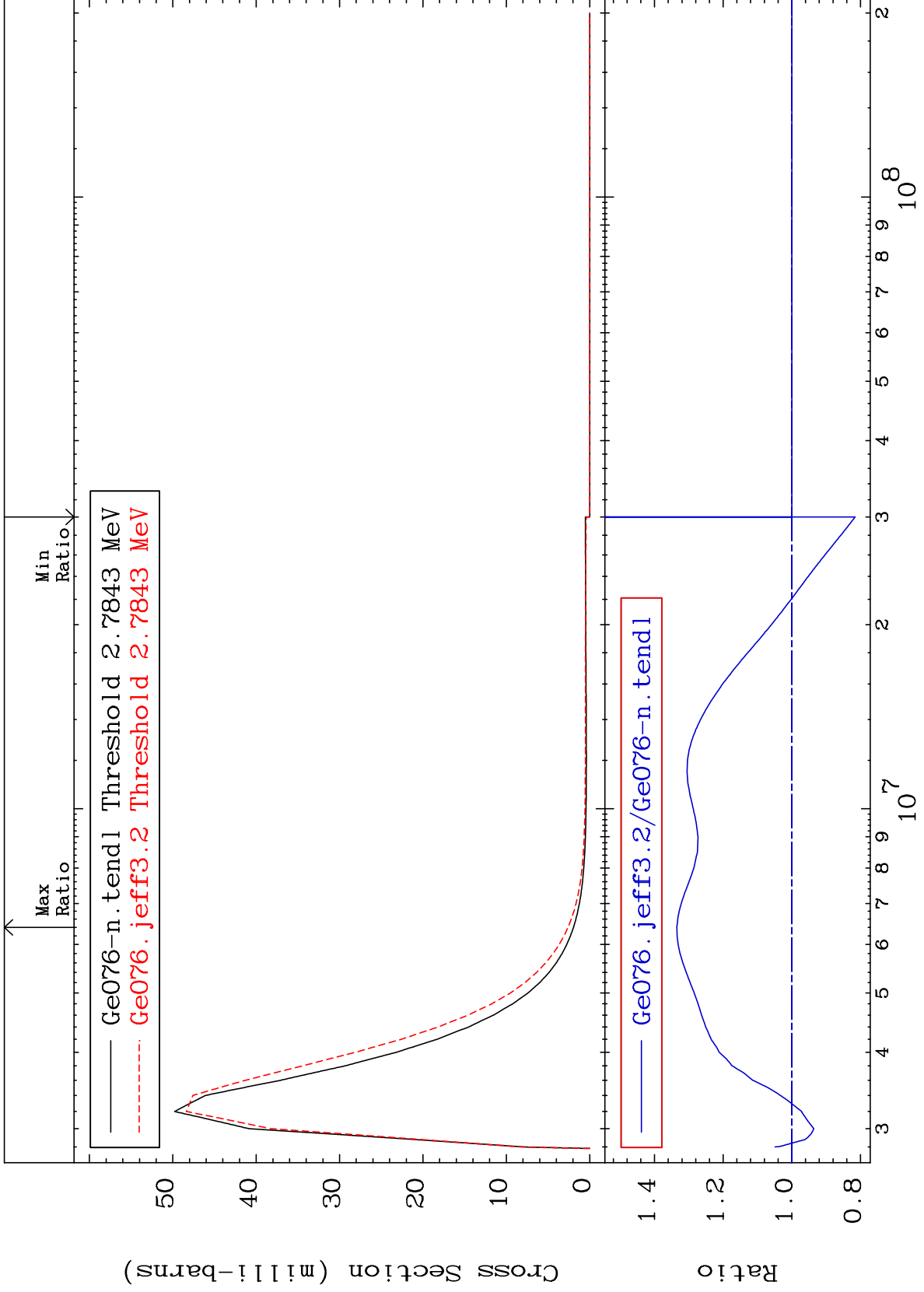
32-Ge-76
-7.427 To 0.000 %



MAT 3243

2.748 MeV (n,n') Level
Cross Section

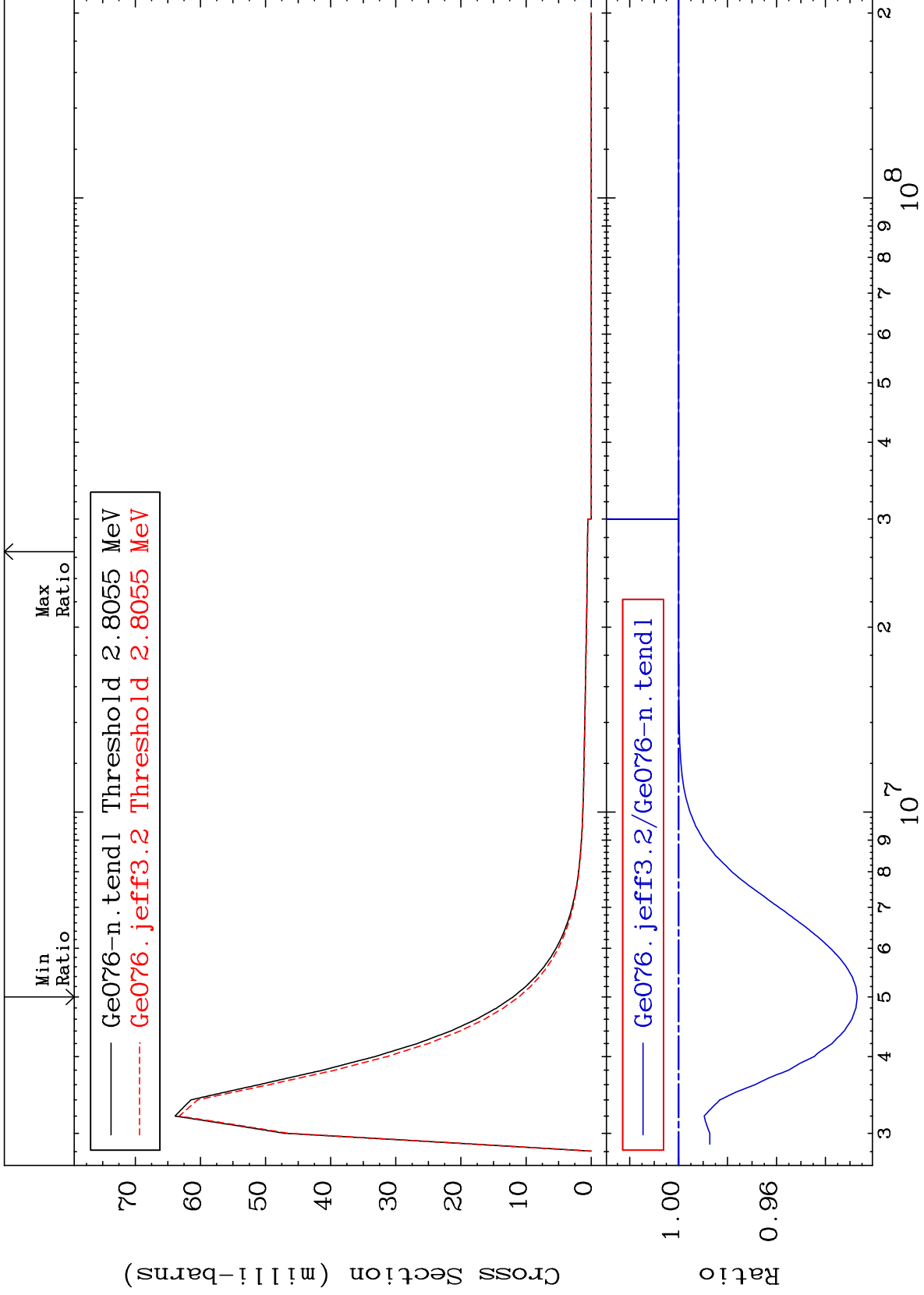
32-Ge-76
-18.44 To 33.47 %



MAT 3243

2.769 MeV (n,n') Level
Cross Section

32-Ge-76
-7.301 To 0.000 %



38

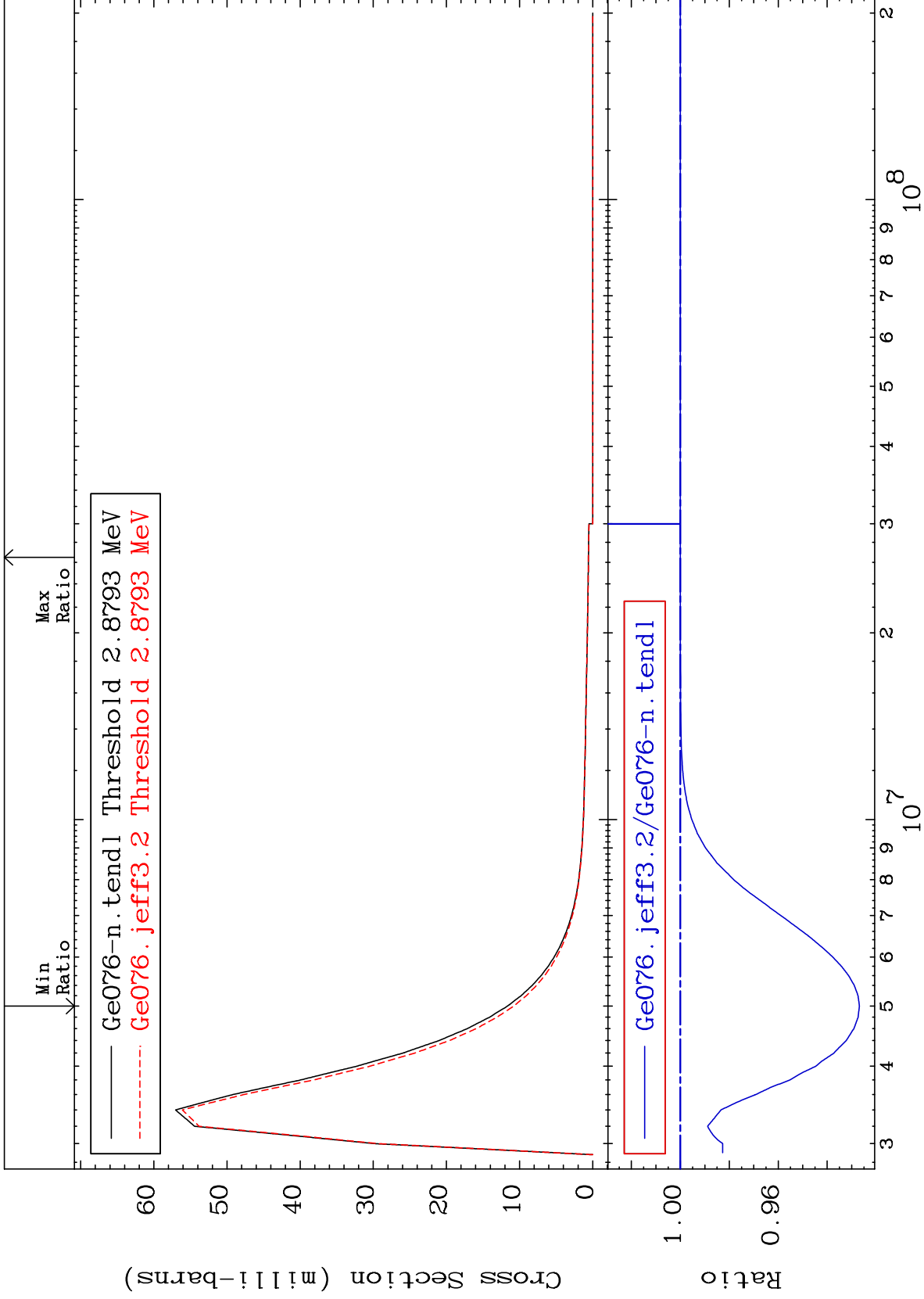
Incident Energy (eV)

32-Ge-76

MAT 3243

2.842 MeV (n,n') Level
Cross Section

32-Ge-76
-7.317 To 0.000 %



39

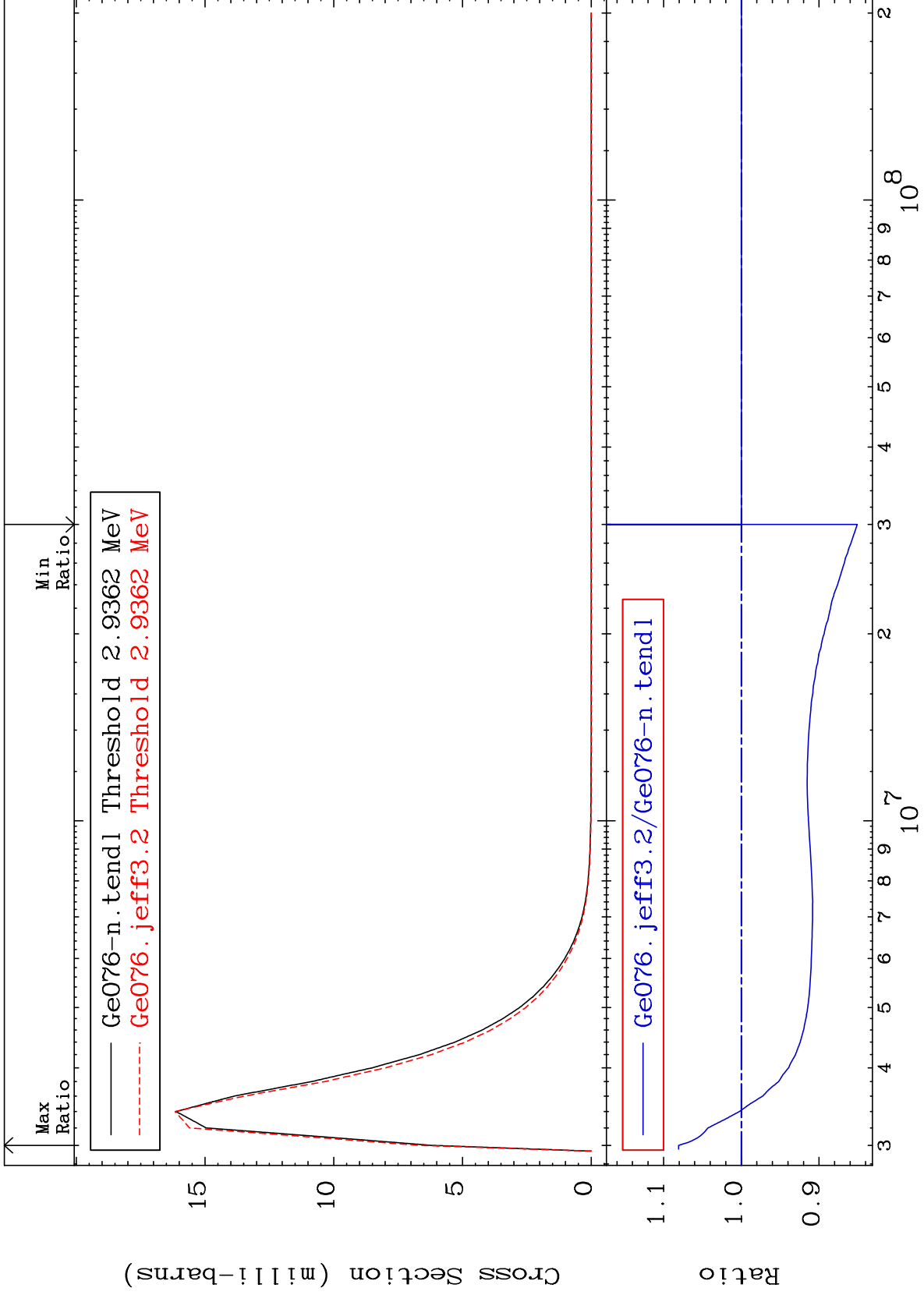
Incident Energy (eV)

32-Ge-76

MAT 3243

2.898 MeV (n,n') Level
Cross Section

32-Ge-76
-14.92 To 8.065 %



40

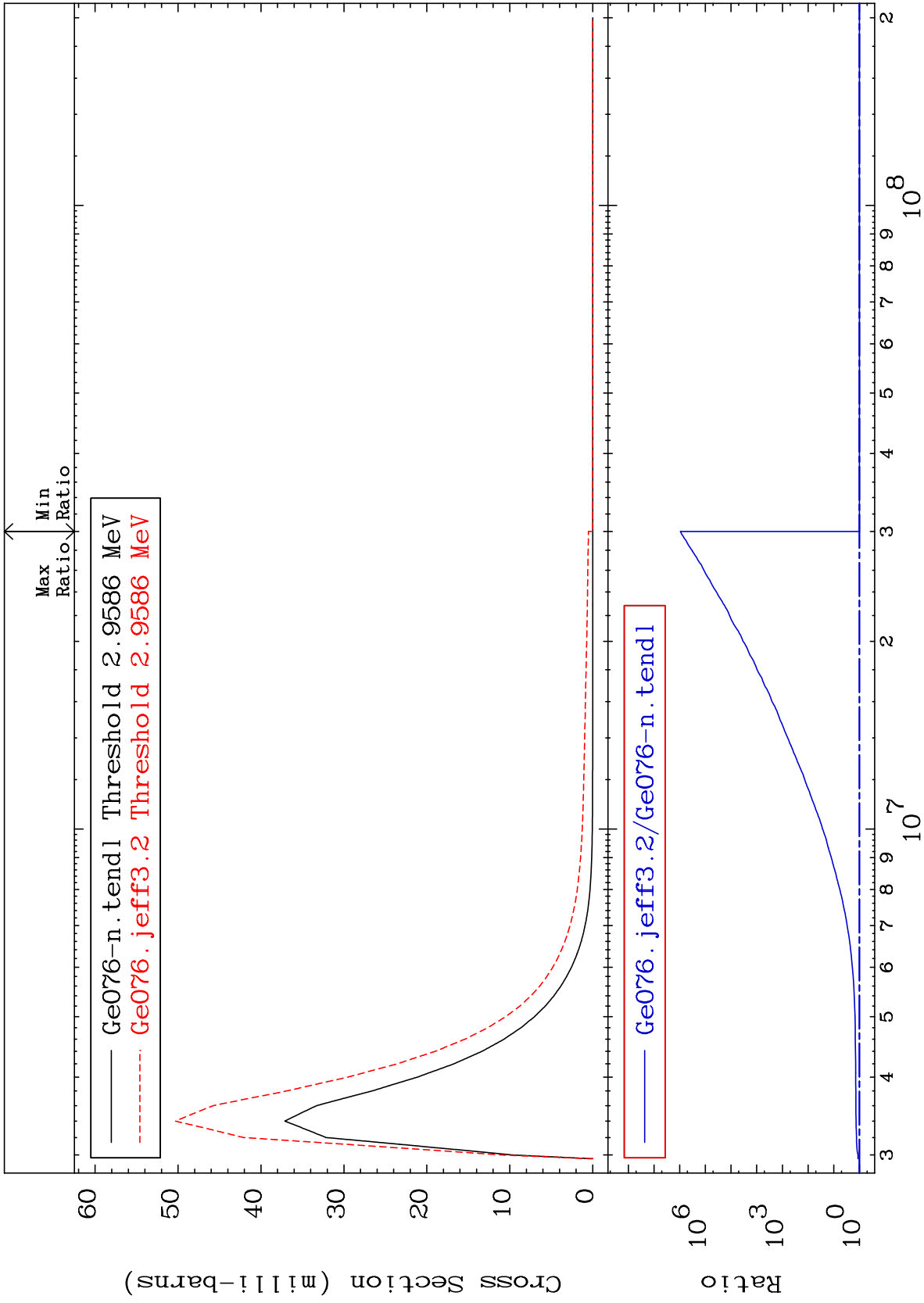
Incident Energy (eV)

32-Ge-76

MAT 3243

2.920 MeV (n,n') Level
Cross Section

32-Ge-76
0.000 To 9999. %



41

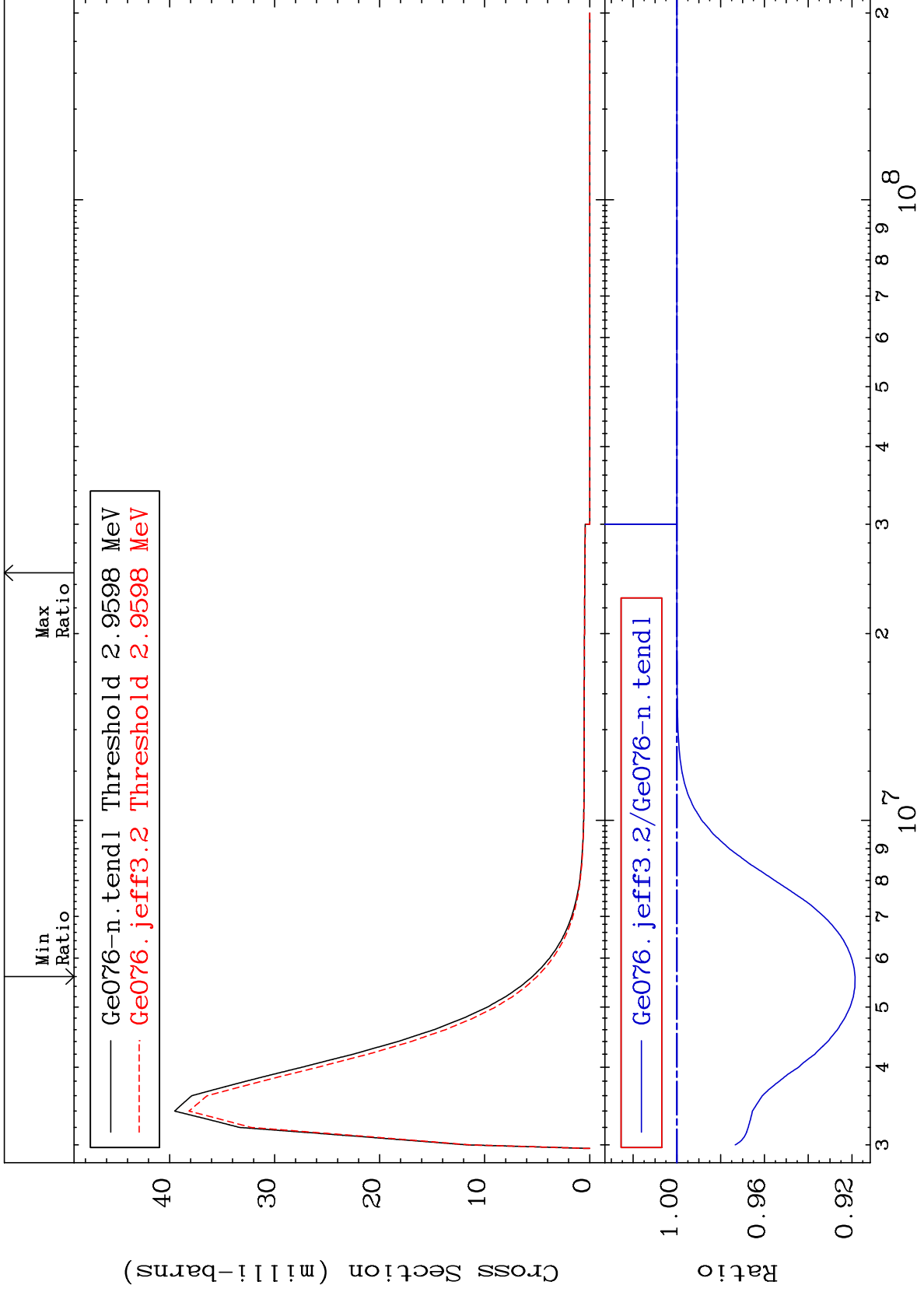
Incident Energy (eV)

32-Ge-76

MAT 3243

2.921 MeV (n,n') Level
Cross Section

32-Ge-76
-8.145 To 0.000 %



42

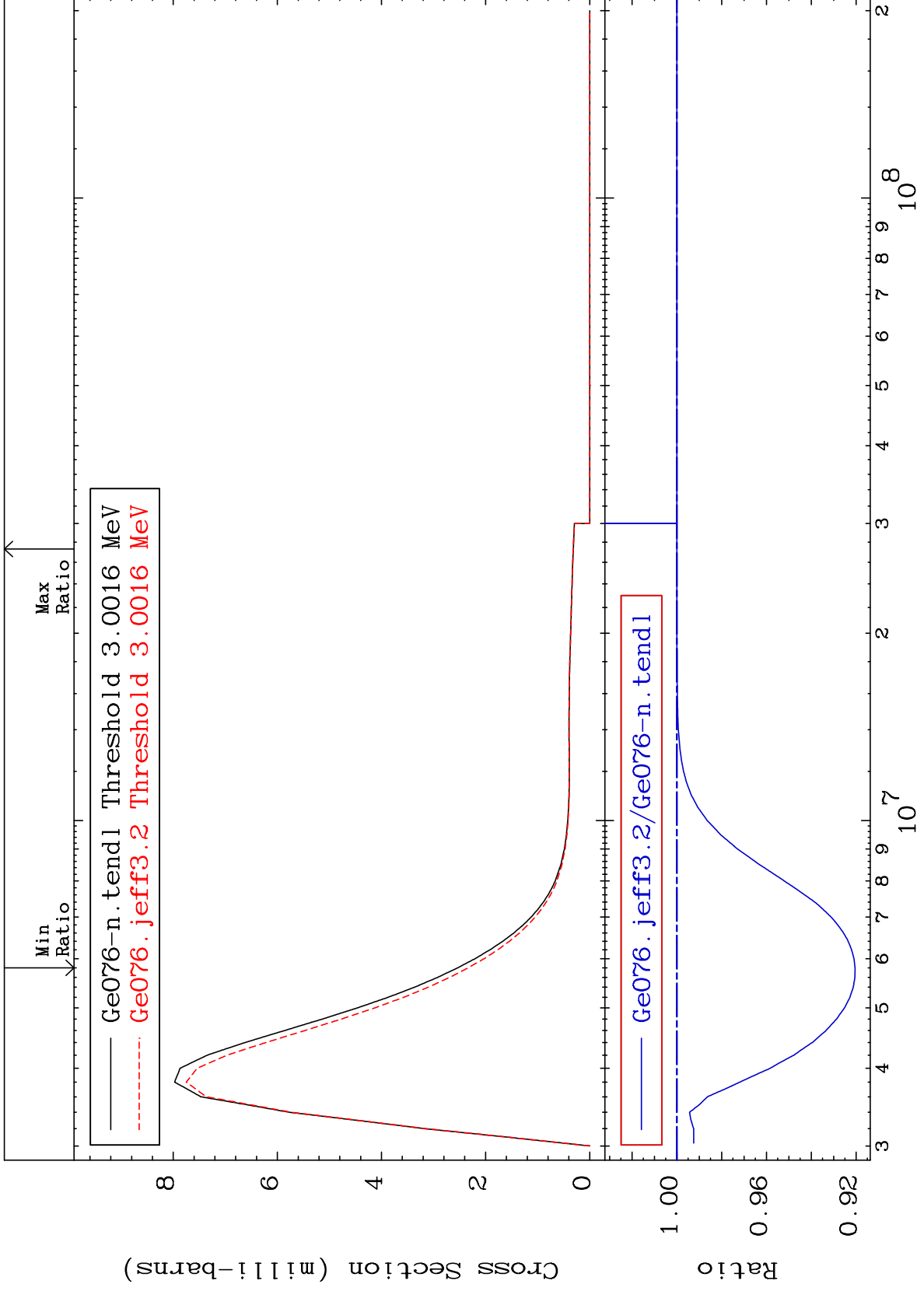
32-Ge-76

32-Ge-76

MAT 3243

2.962 MeV (n,n') Level
Cross Section

32-Ge-76
-7.951 To 0.000 %



43

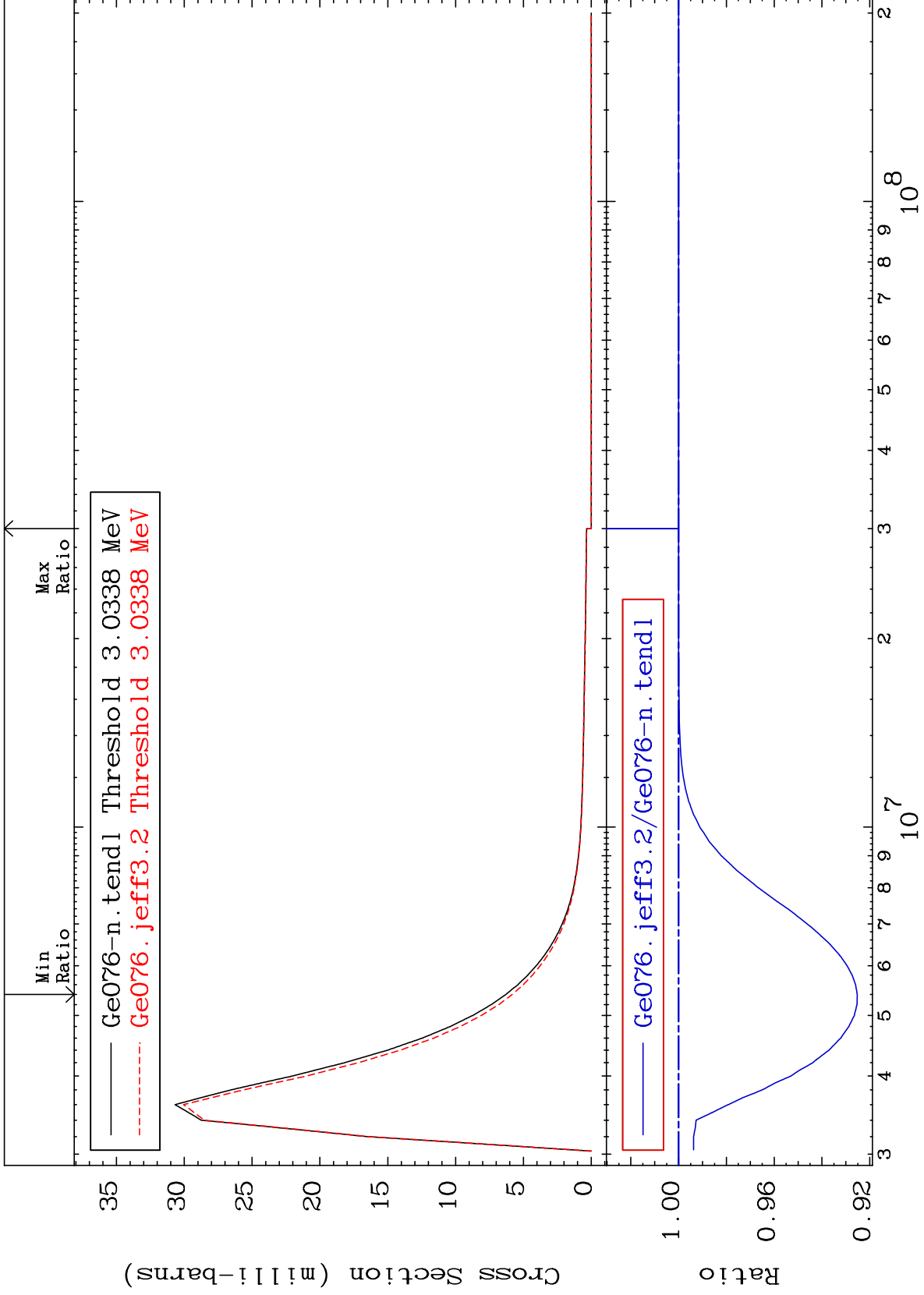
Incident Energy (eV)

32-Ge-76

MAT 3243

2.994 MeV (n,n') Level
Cross Section

32-Ge-76
-7.476 To 0.000 %



44

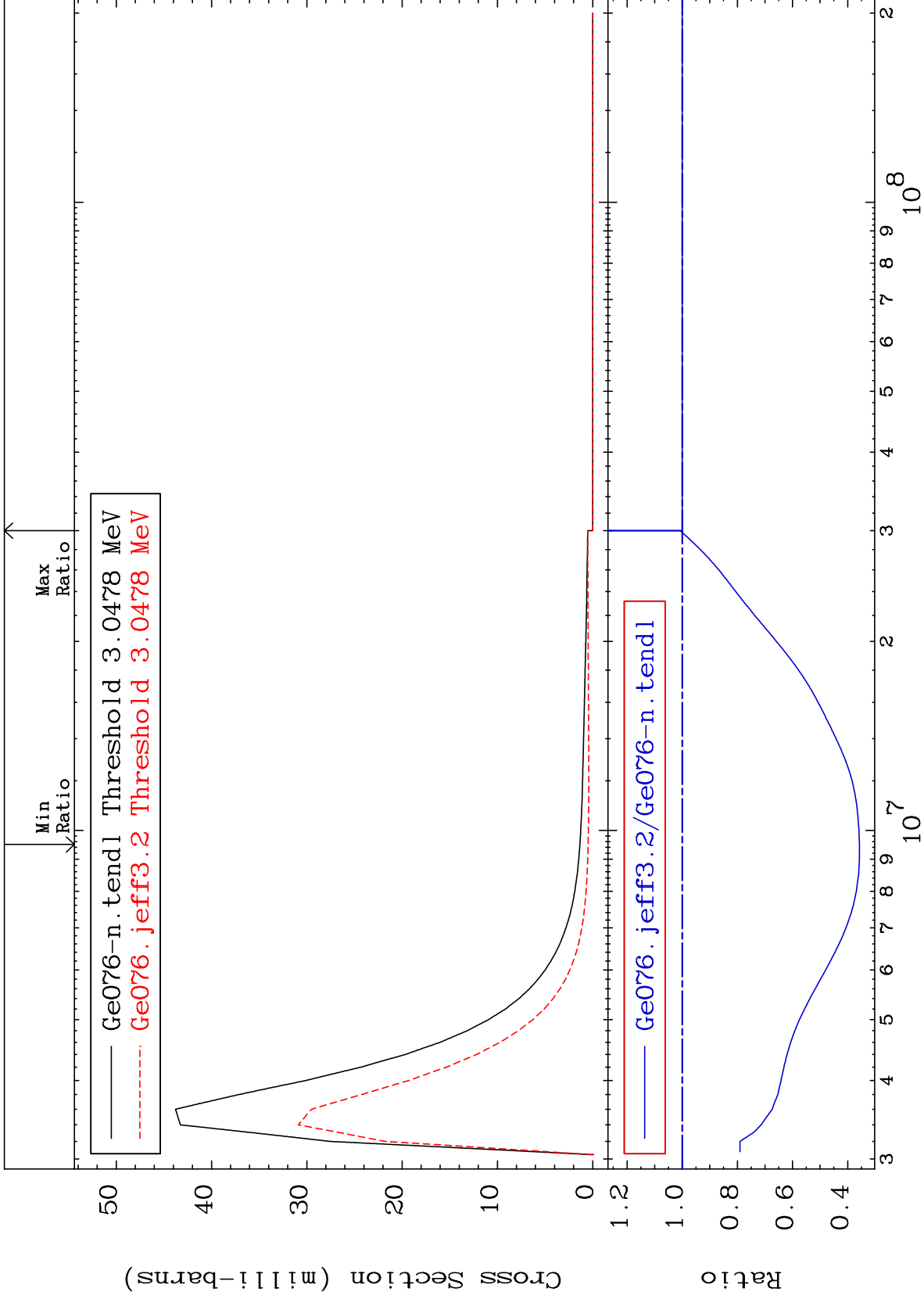
Incident Energy (eV)

32-Ge-76

MAT 3243

3.008 MeV (n,n') Level
Cross Section

32-Ge-76
-64.27 To 0.668 %



45

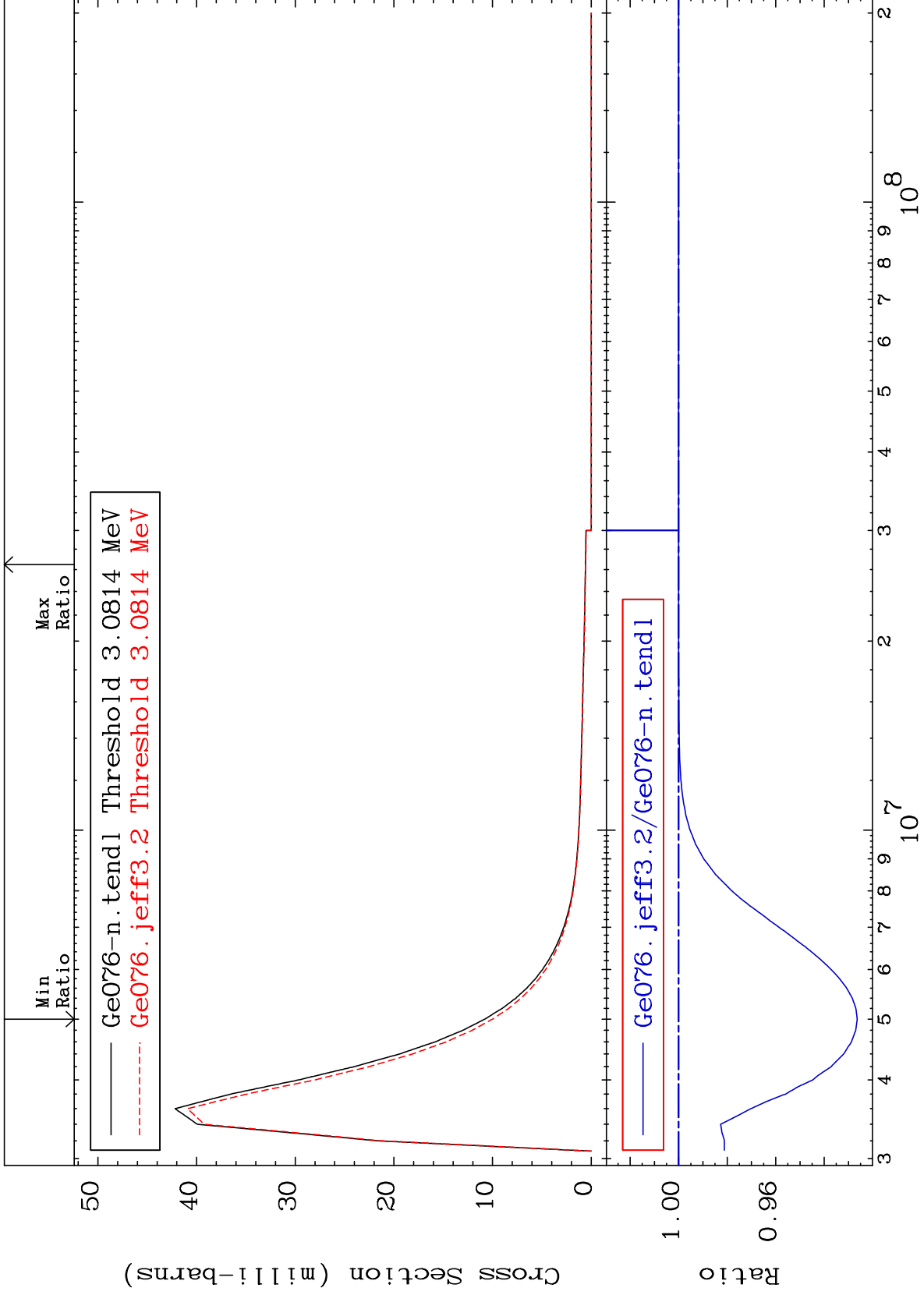
Incident Energy (eV)

32-Ge-76

MAT 3243

3.041 MeV (n,n') Level
Cross Section

32-Ge-76
-7.362 To 0.000 %



46

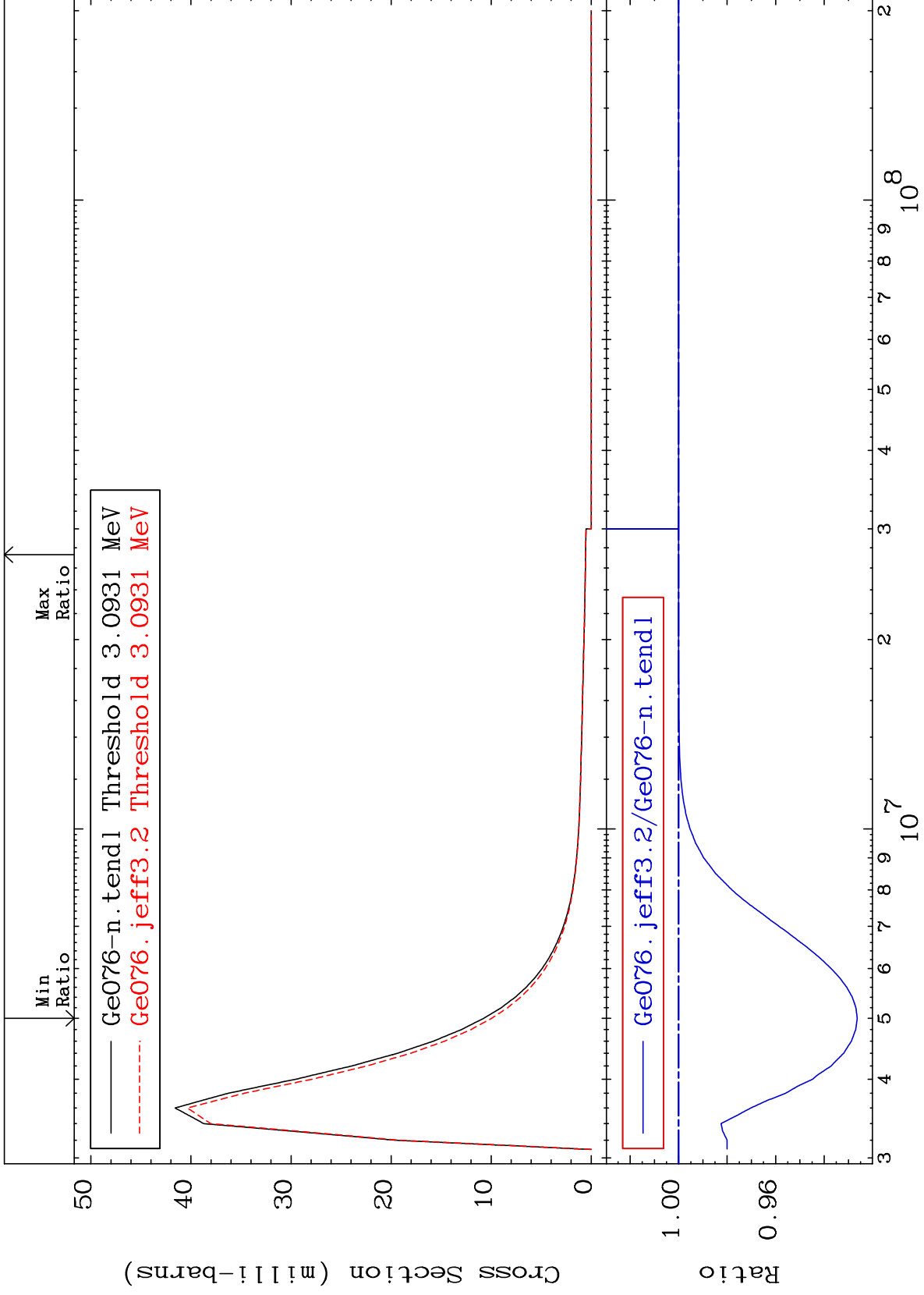
32-Ge-76

32-Ge-76

MAT 3243

3.052 MeV (n,n') Level
Cross Section

32-Ge-76
-7.364 To 0.000 %



47

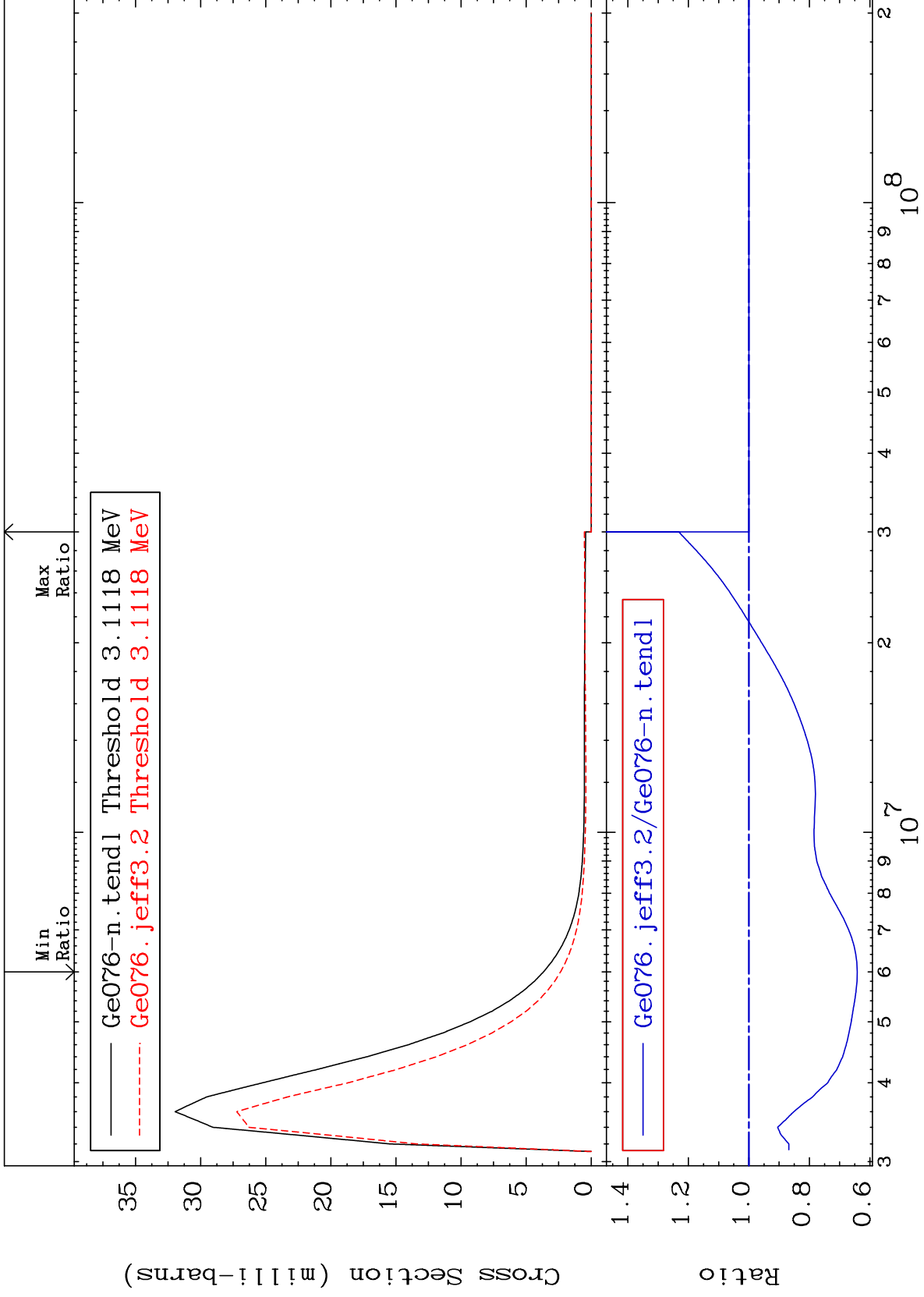
Incident Energy (eV)

32-Ge-76

MAT 3243

3.071 MeV (n,n') Level
Cross Section

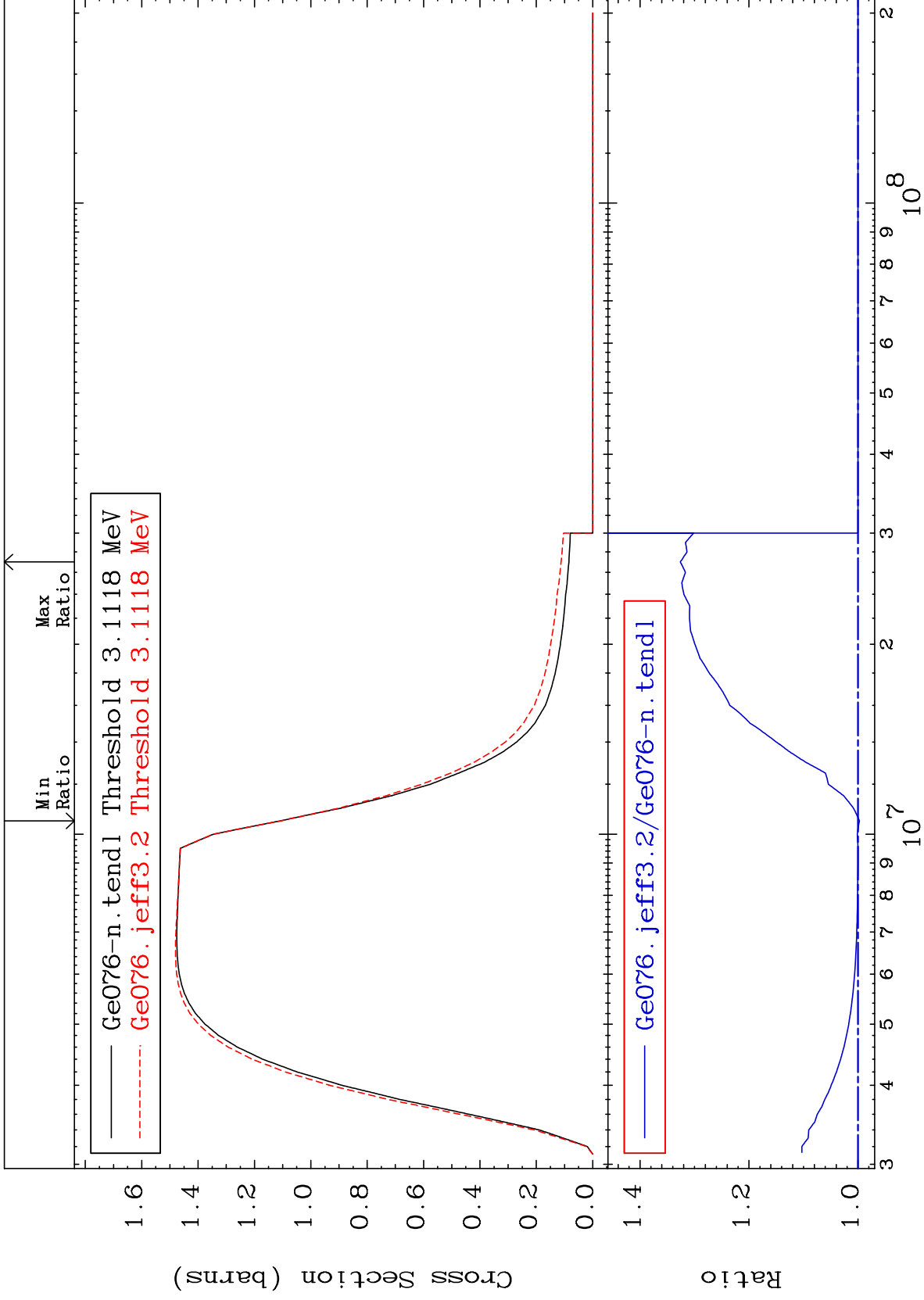
32-Ge-76
-35.82 To 23.22 %



48

Incident Energy (eV)

32-Ge-76



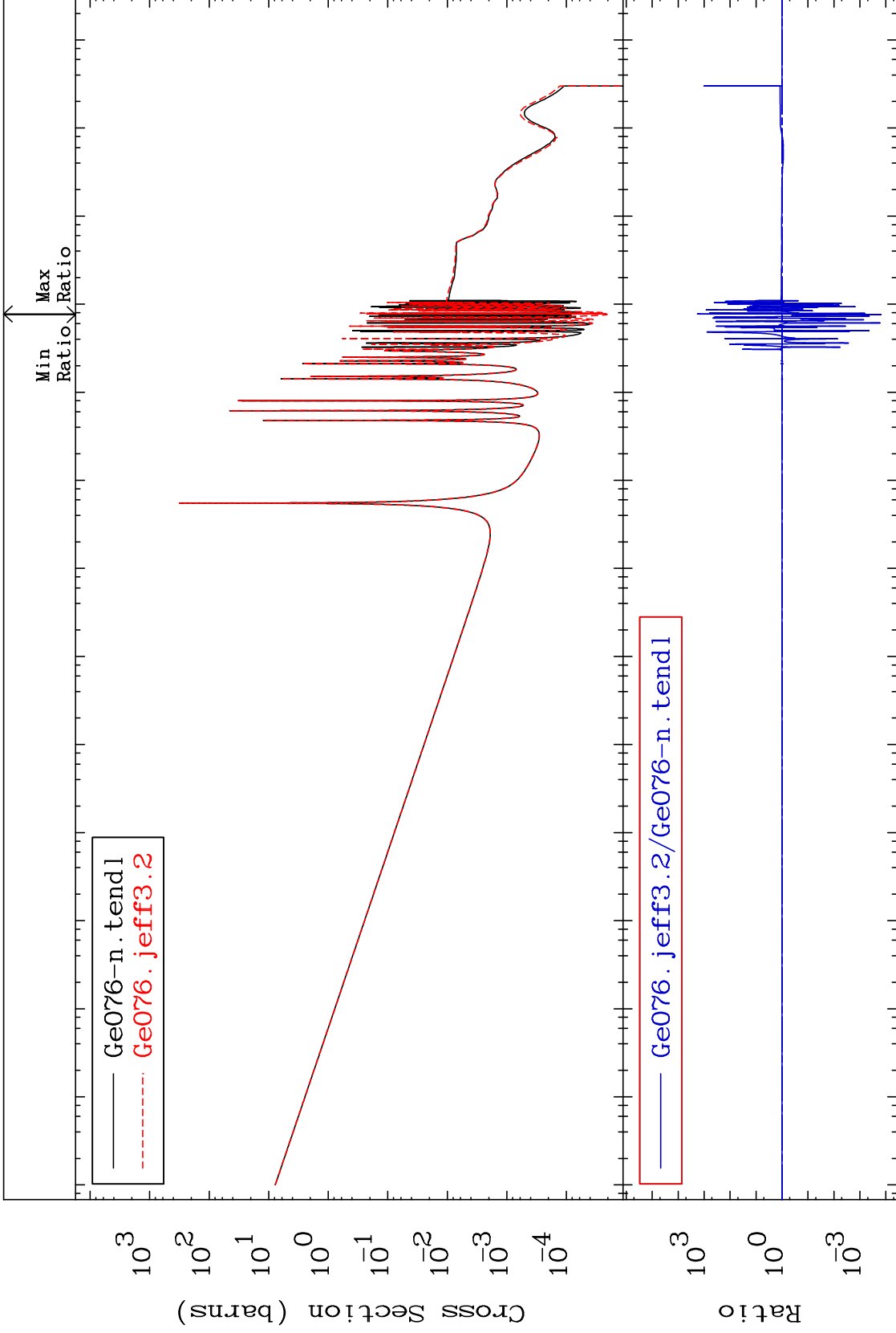
MAT 3243

(n, γ)

32-Ge-76

Cross Section

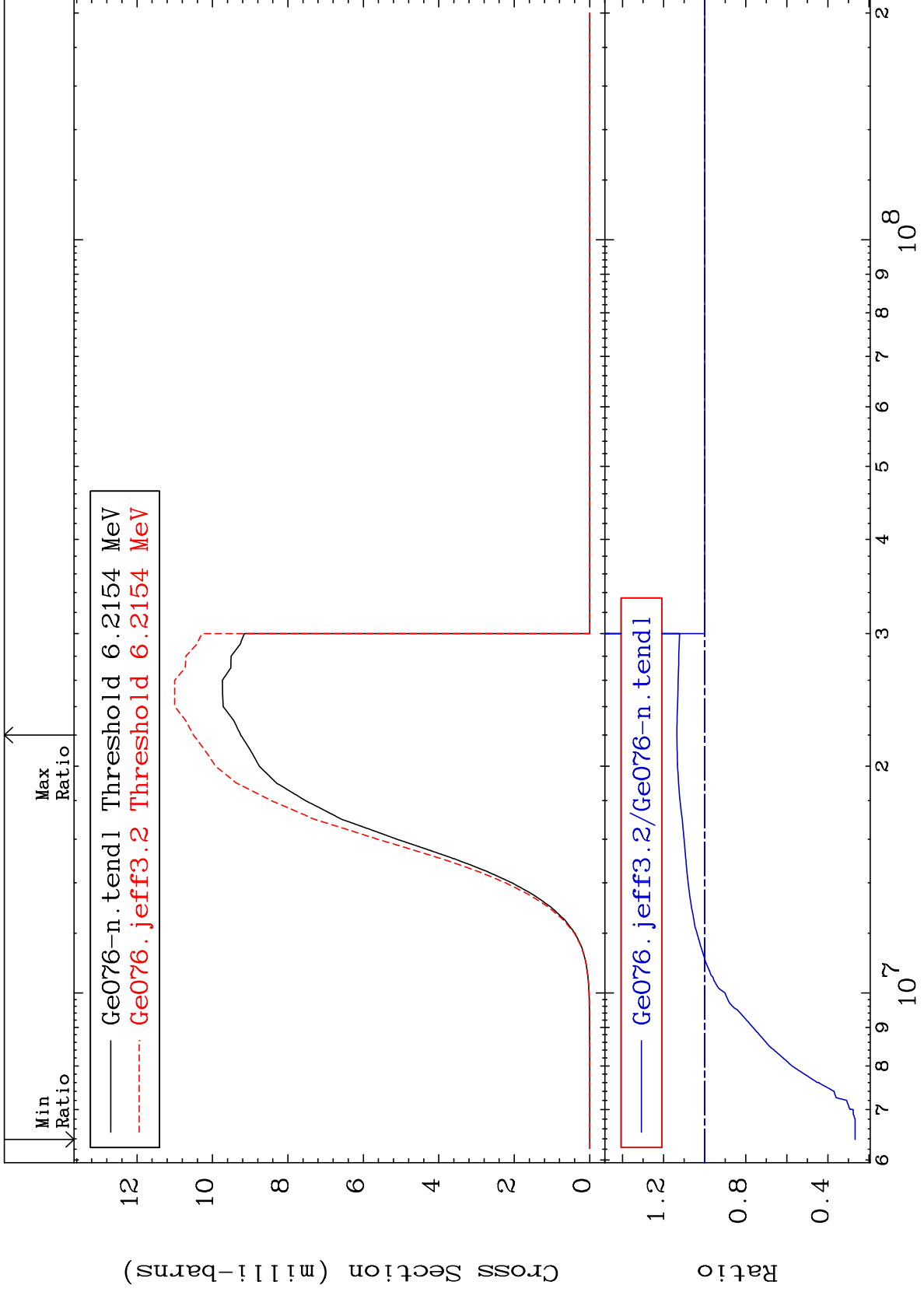
-99.98 To 9999. %



MAT 3243

(n, p)
Cross Section

³²Ge-76
-73.20 To 13.54 %



51

Incident Energy (eV)

³²Ge-76

MAT 3243

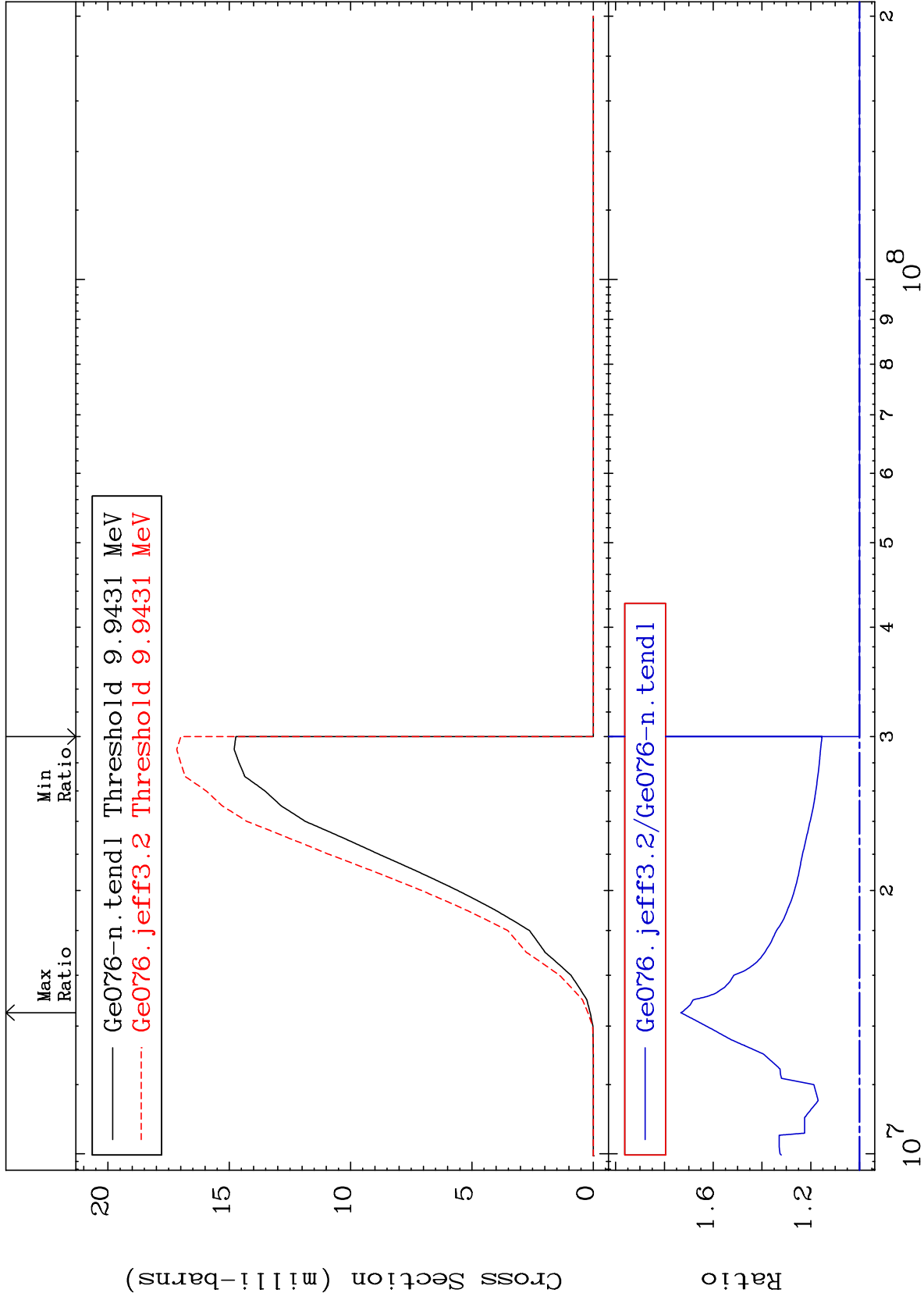
(n, d)

³²Ge-76

Cross Section

0.000

To 73.29 %



52

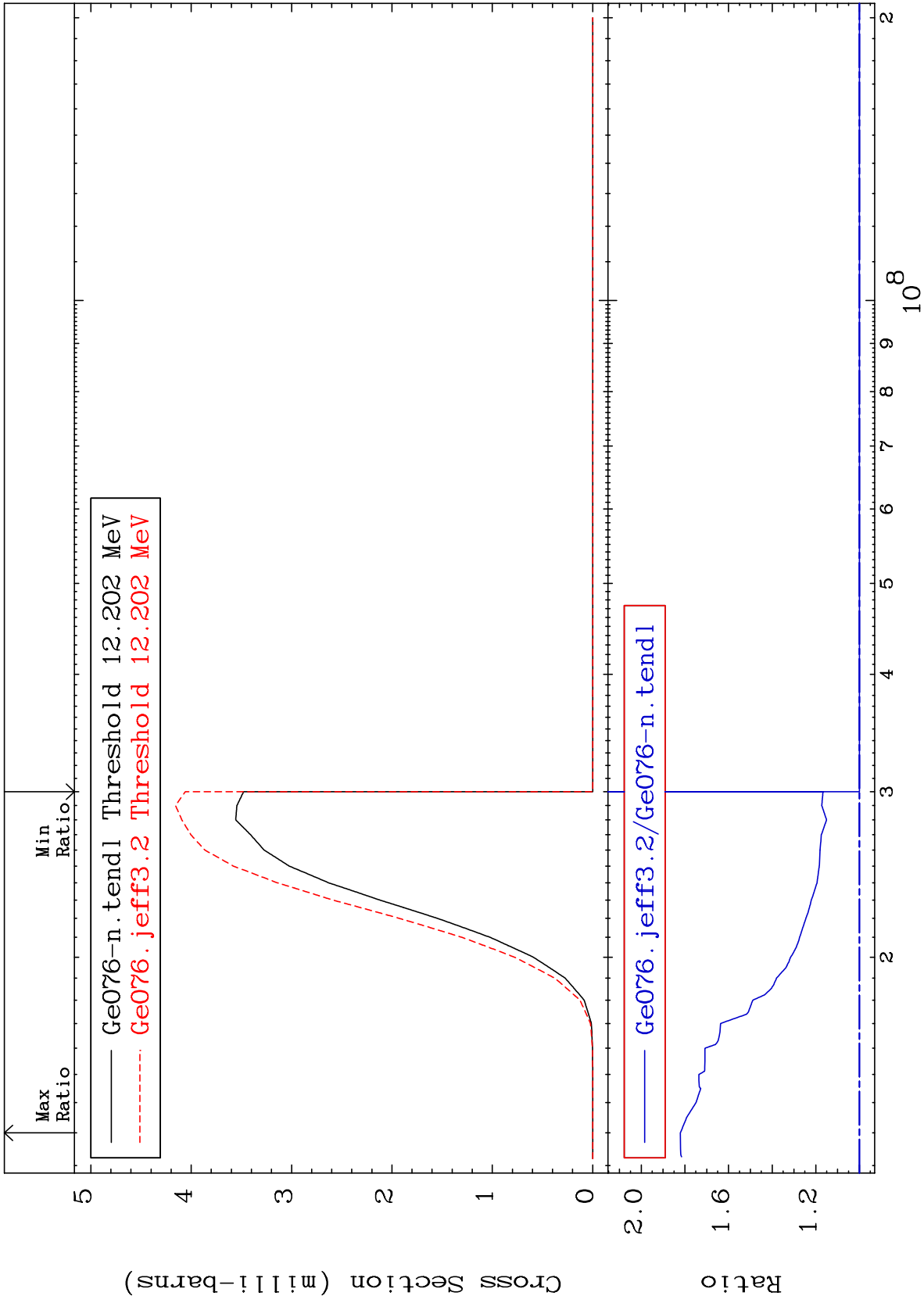
Incident Energy (eV)

³²Ge-76

MAT 3243

(n, t)
Cross Section

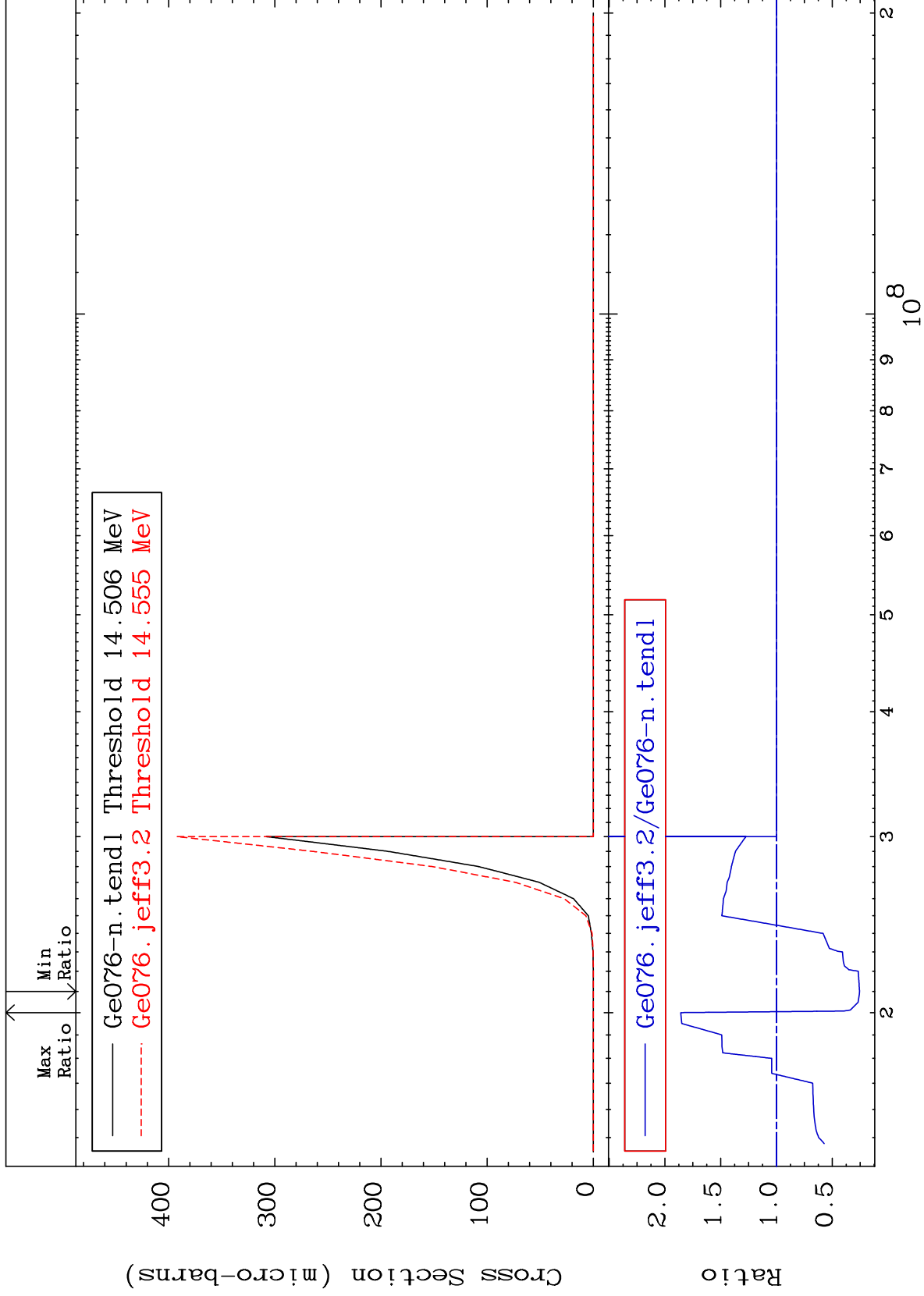
32-Ge-76
0.000 To 82.09 %



MAT 3243

(n, He-3)
Cross Section

³²Ge-76
-74.53 To 85.72 %

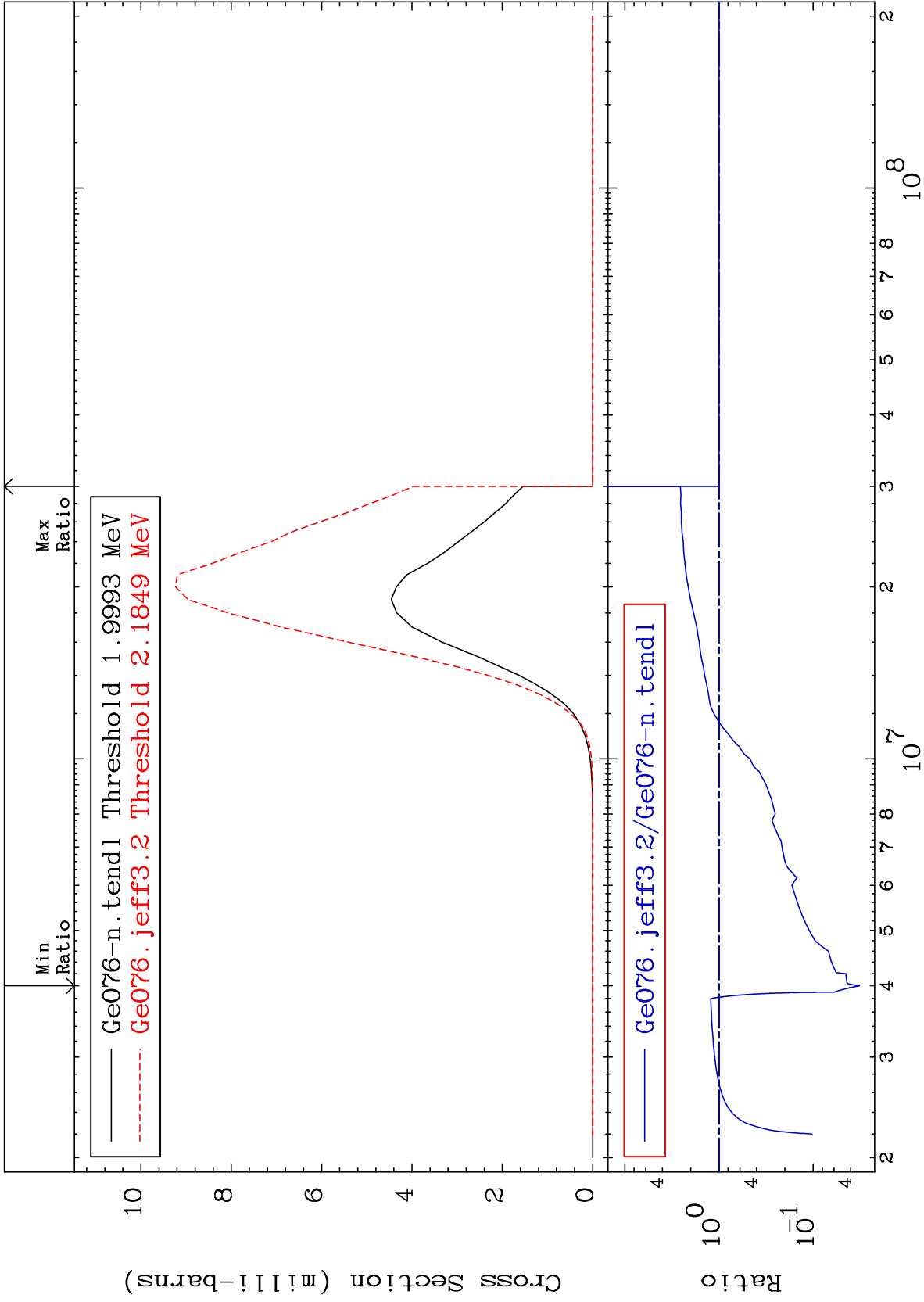


MAT 3243

(n, α)
Cross Section

³²Ge-76

-96.77 To 157.5 %



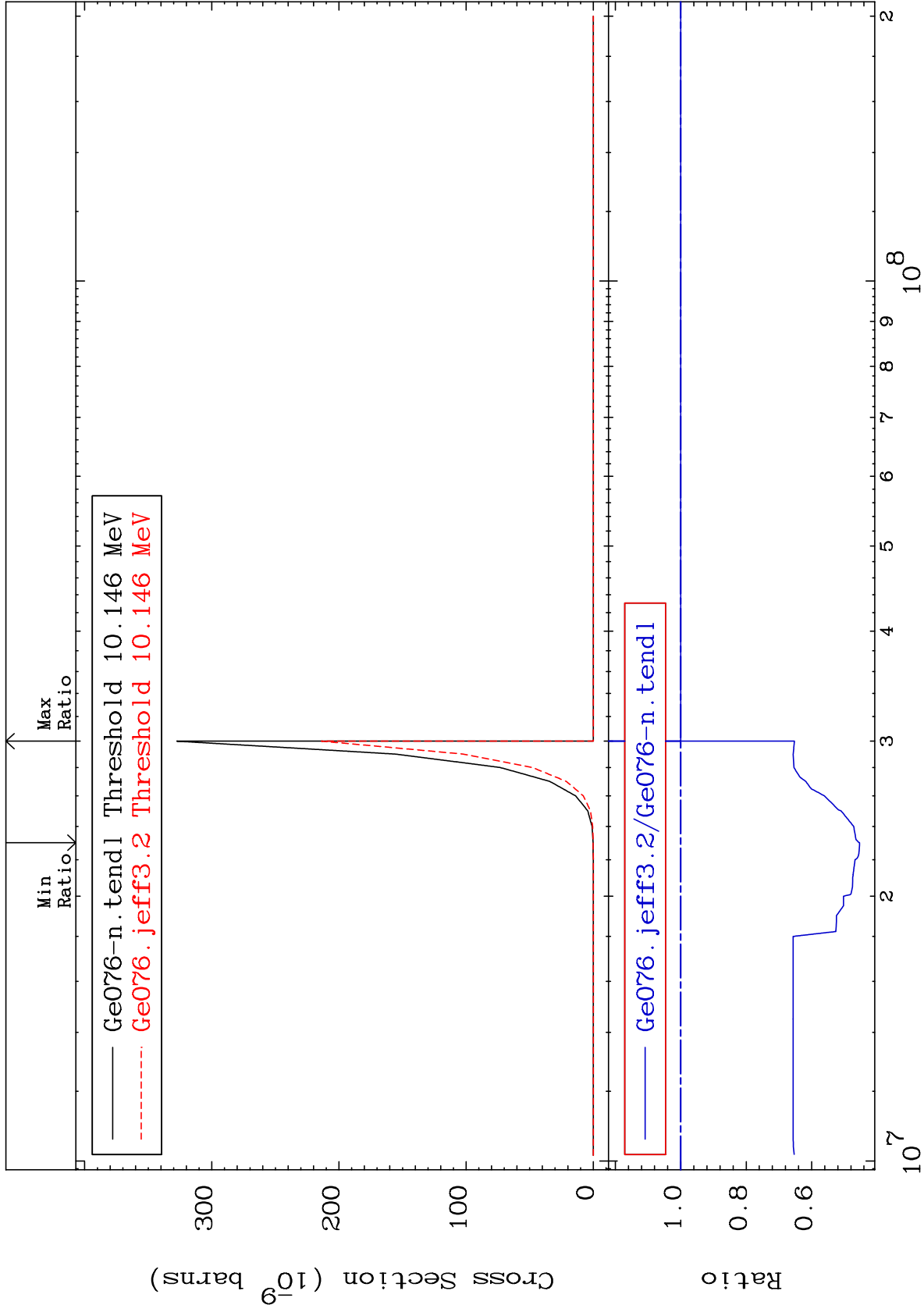
MAT 3243

(n,2α)

³²Ge-76

Cross Section

-54.63 To 0.000 %



56

Incident Energy (eV)

³²Ge-76

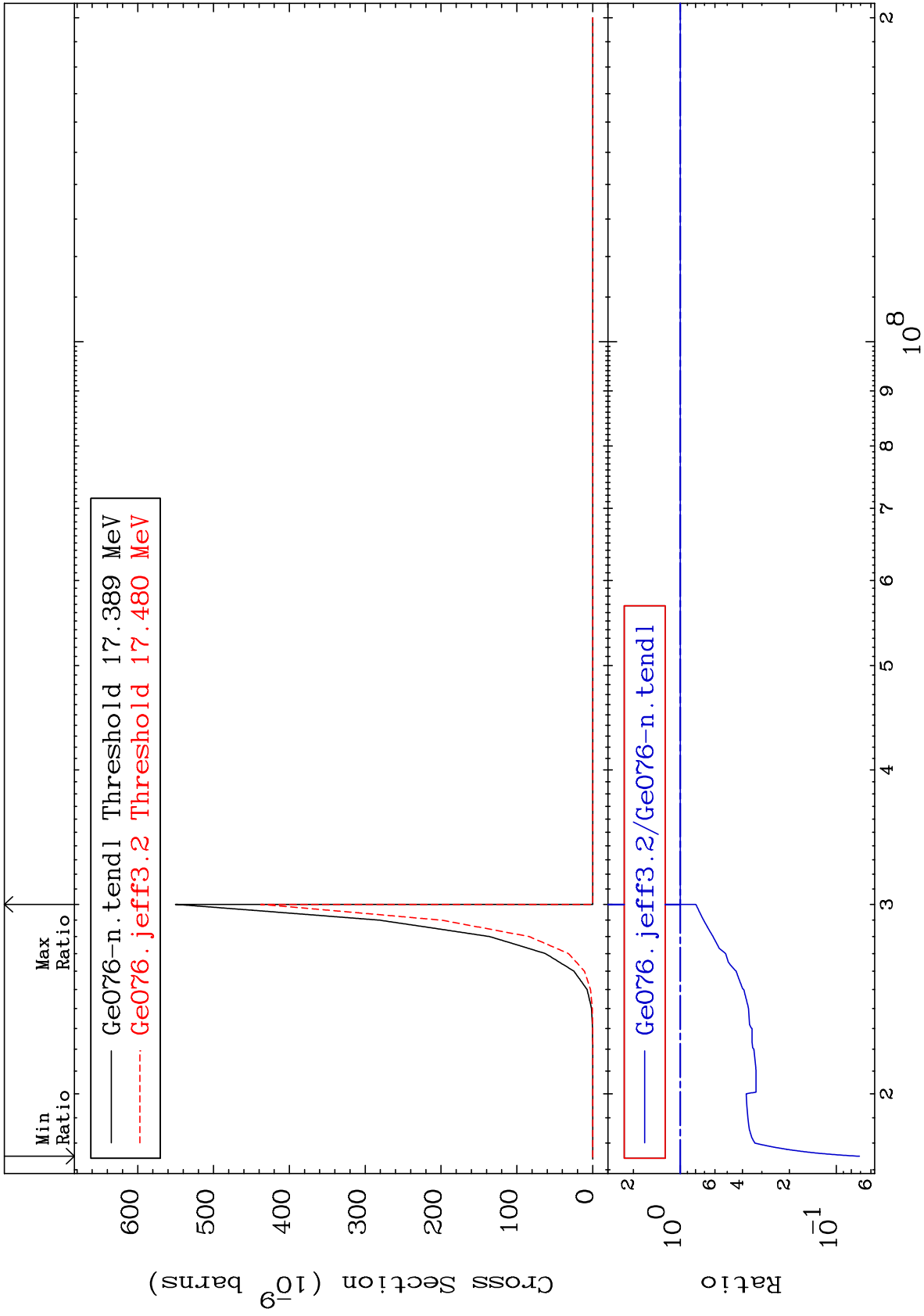
MAT 3243

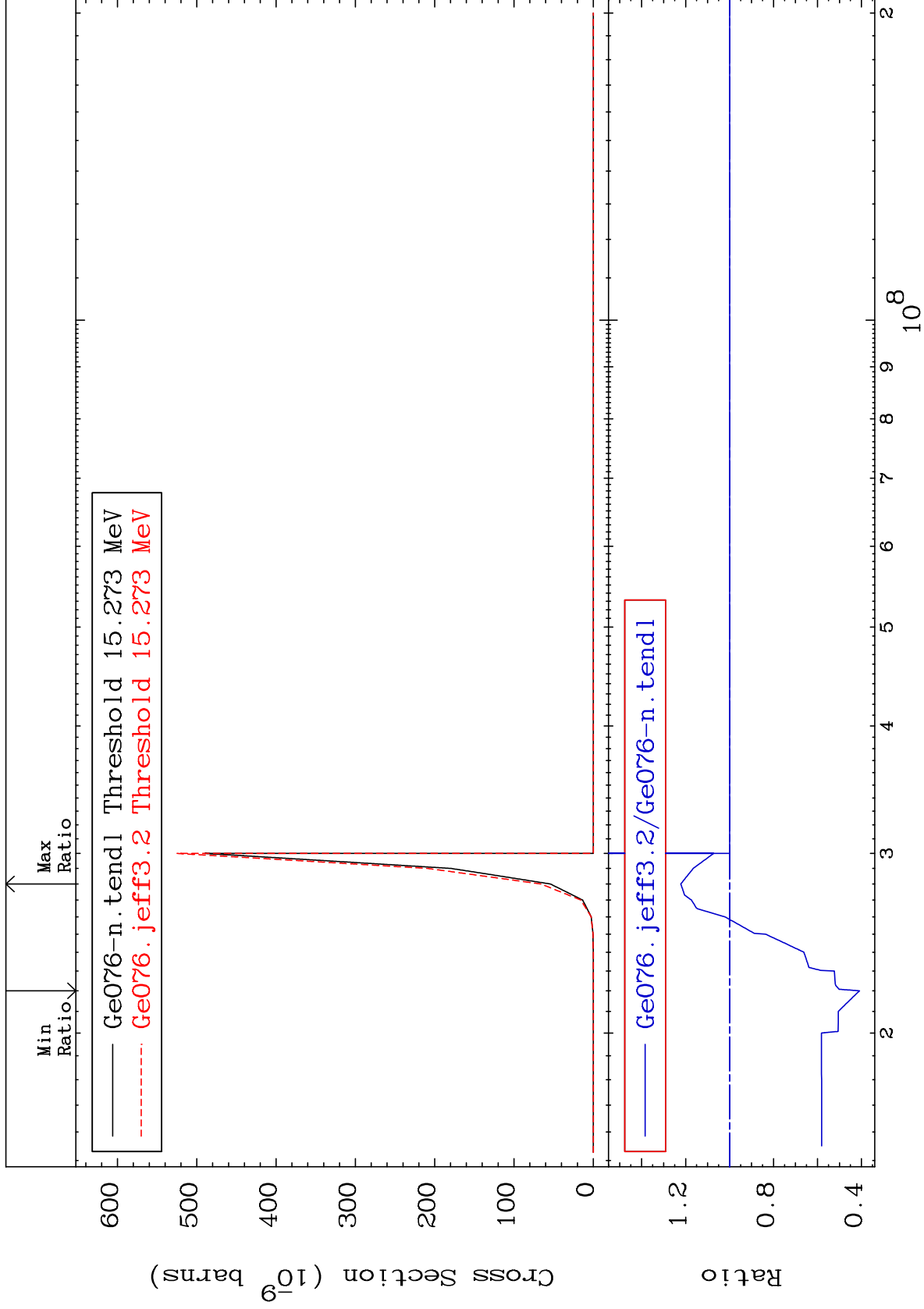
(n,2p)

³²Ge-76

Cross Section

-92.90 To 0.000 %

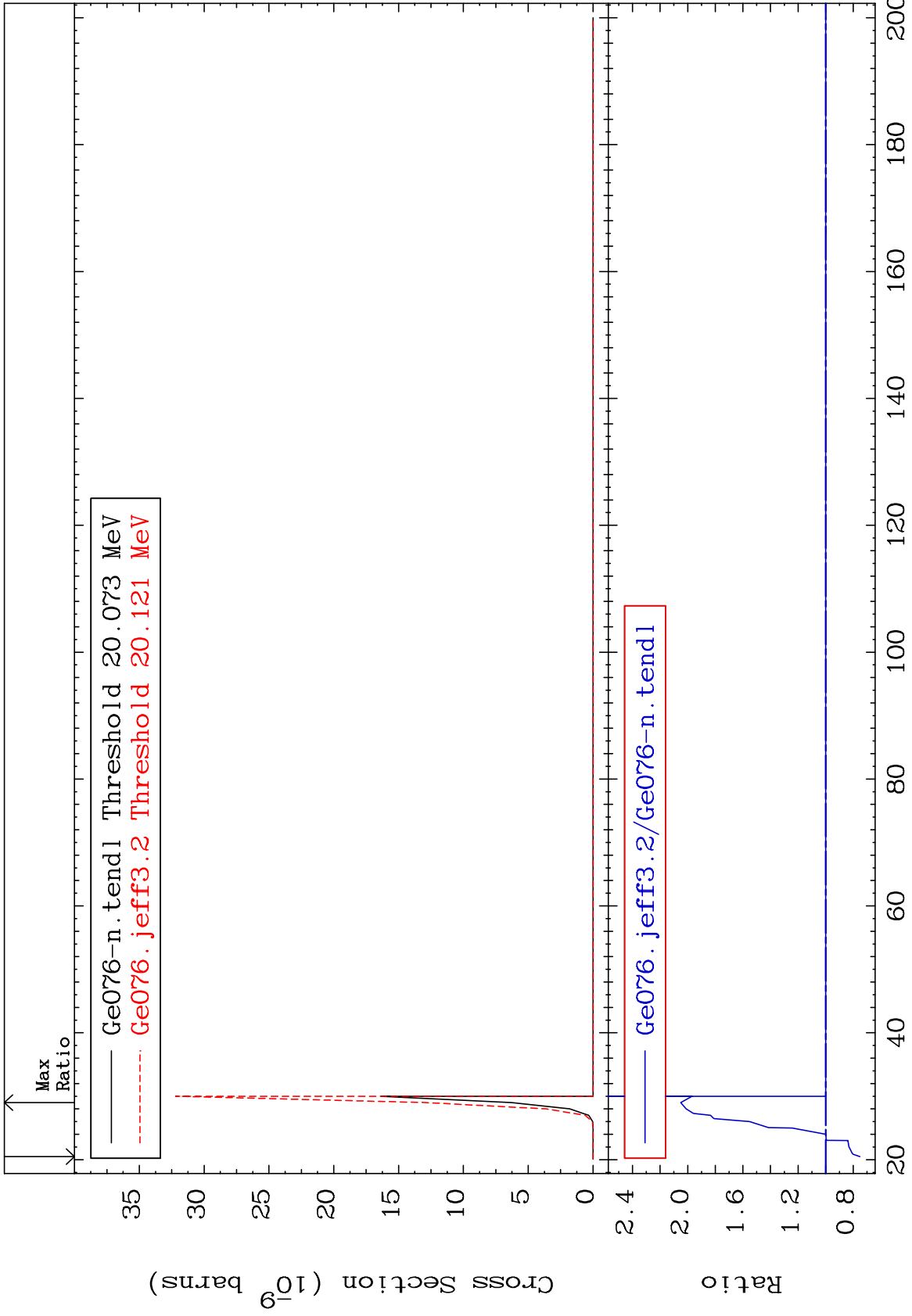




MAT 3243

(n, p) d
Cross Section

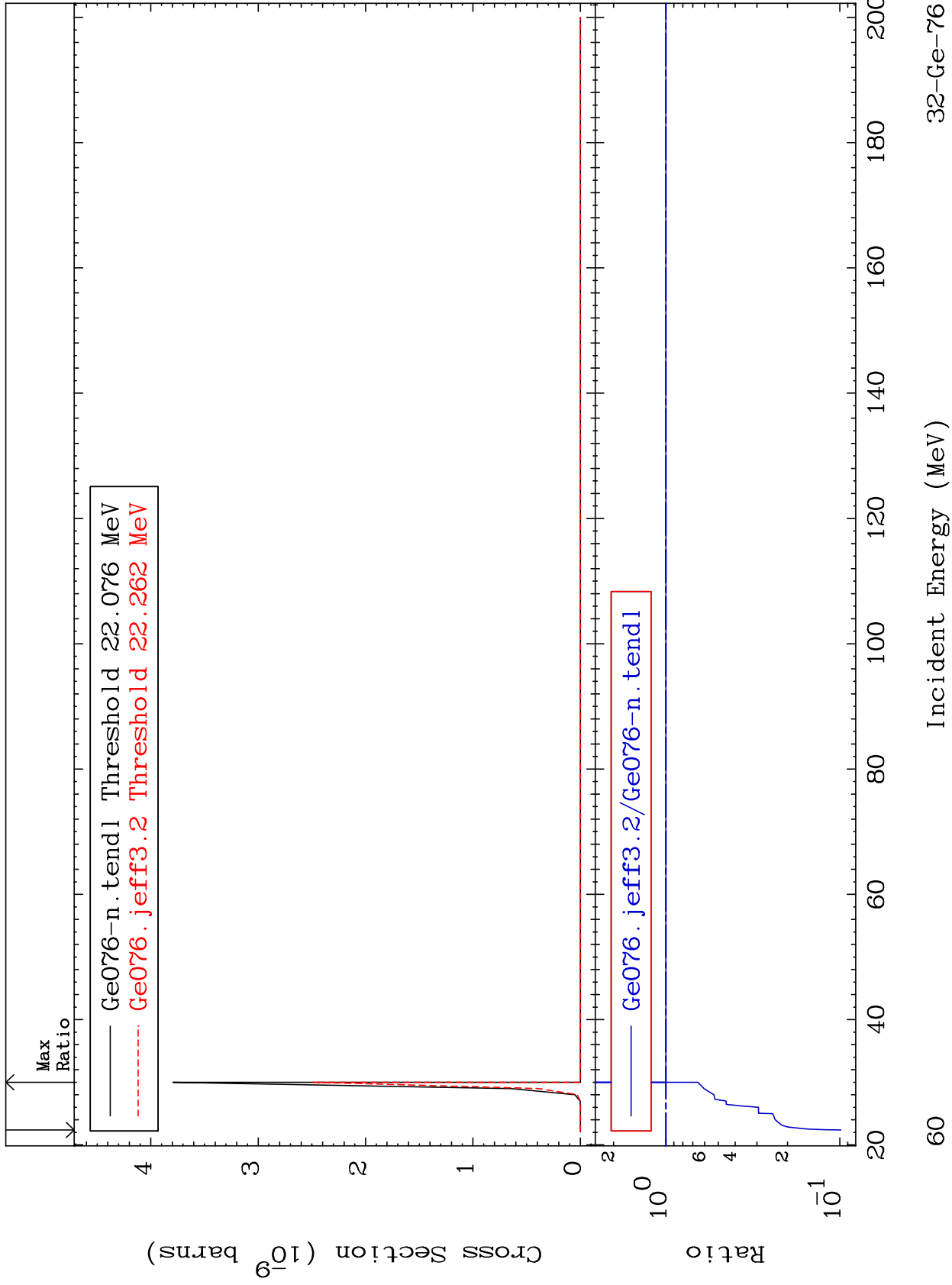
³²Ge-76
-24.80 To 105.0 %



MAT 3243

(n,p) t
Cross Section

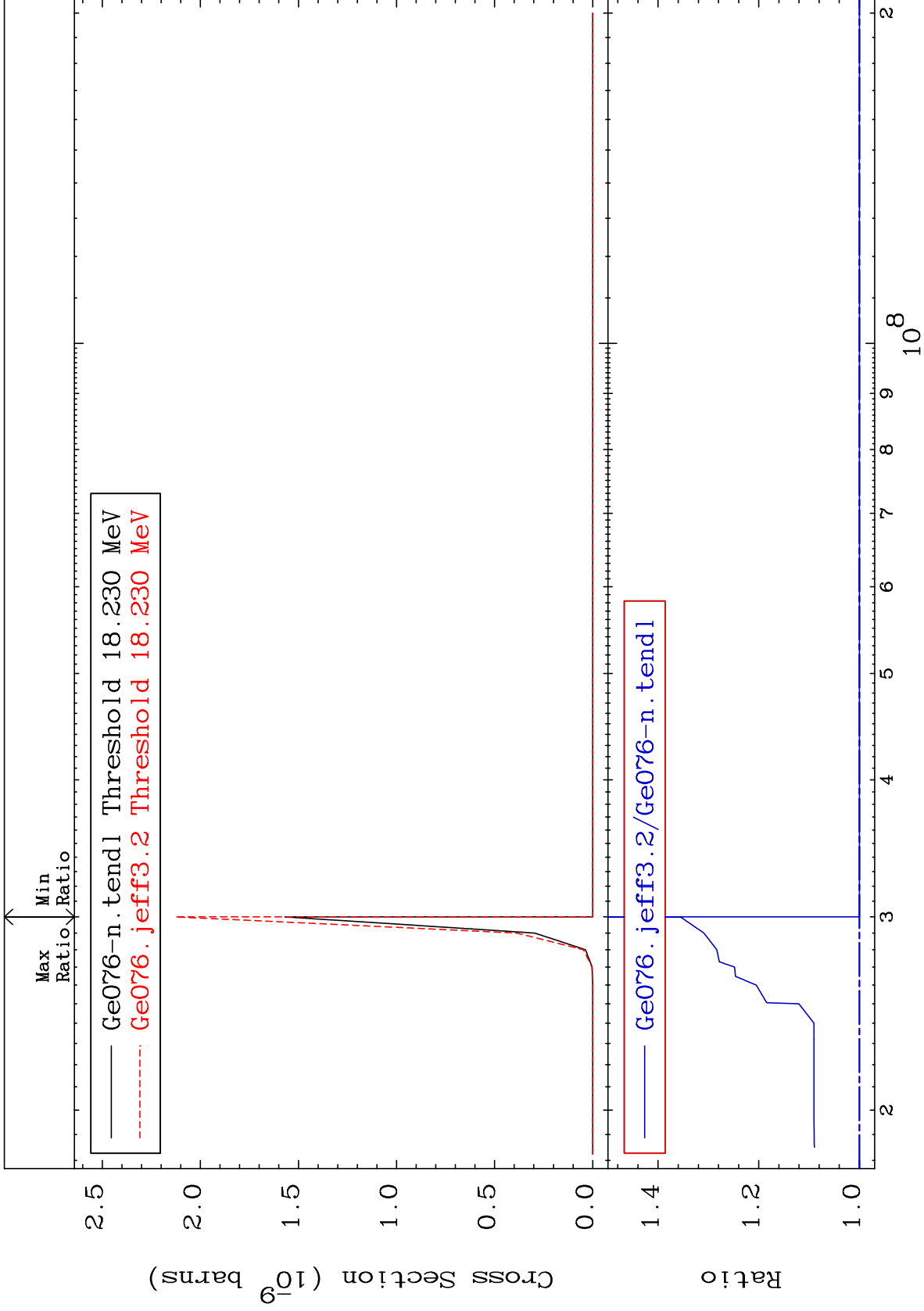
32-Ge-76
-90.13 To 0.000 %



MAT 3243

(n, d) α
Cross Section

32-Ge-76
0.000 To 35.58 %



61

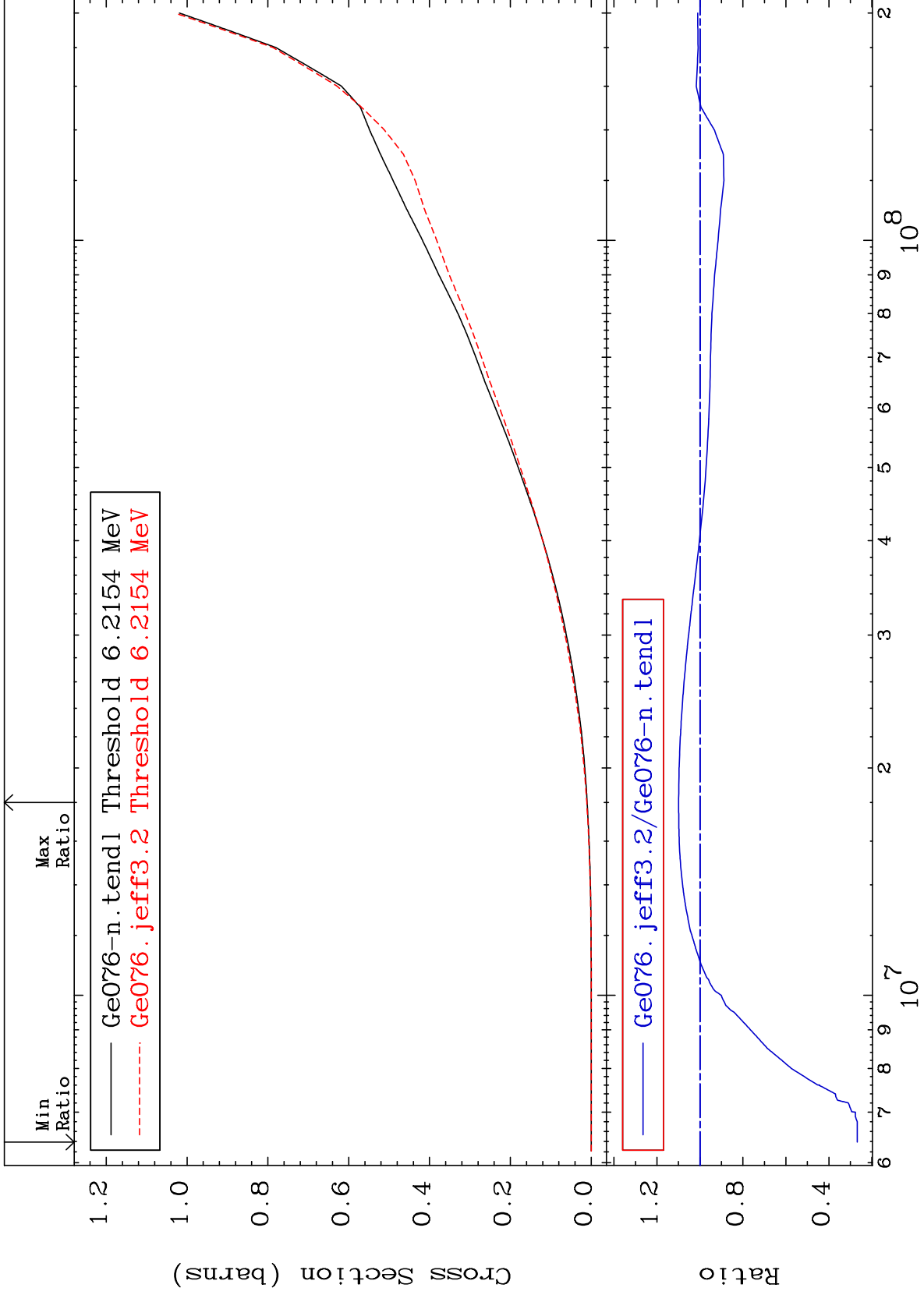
Incident Energy (eV)

32-Ge-76

MAT 3243

Hydrogen Production
Cross Section

³²Ge-76
-73.20 To 9.923 %



62

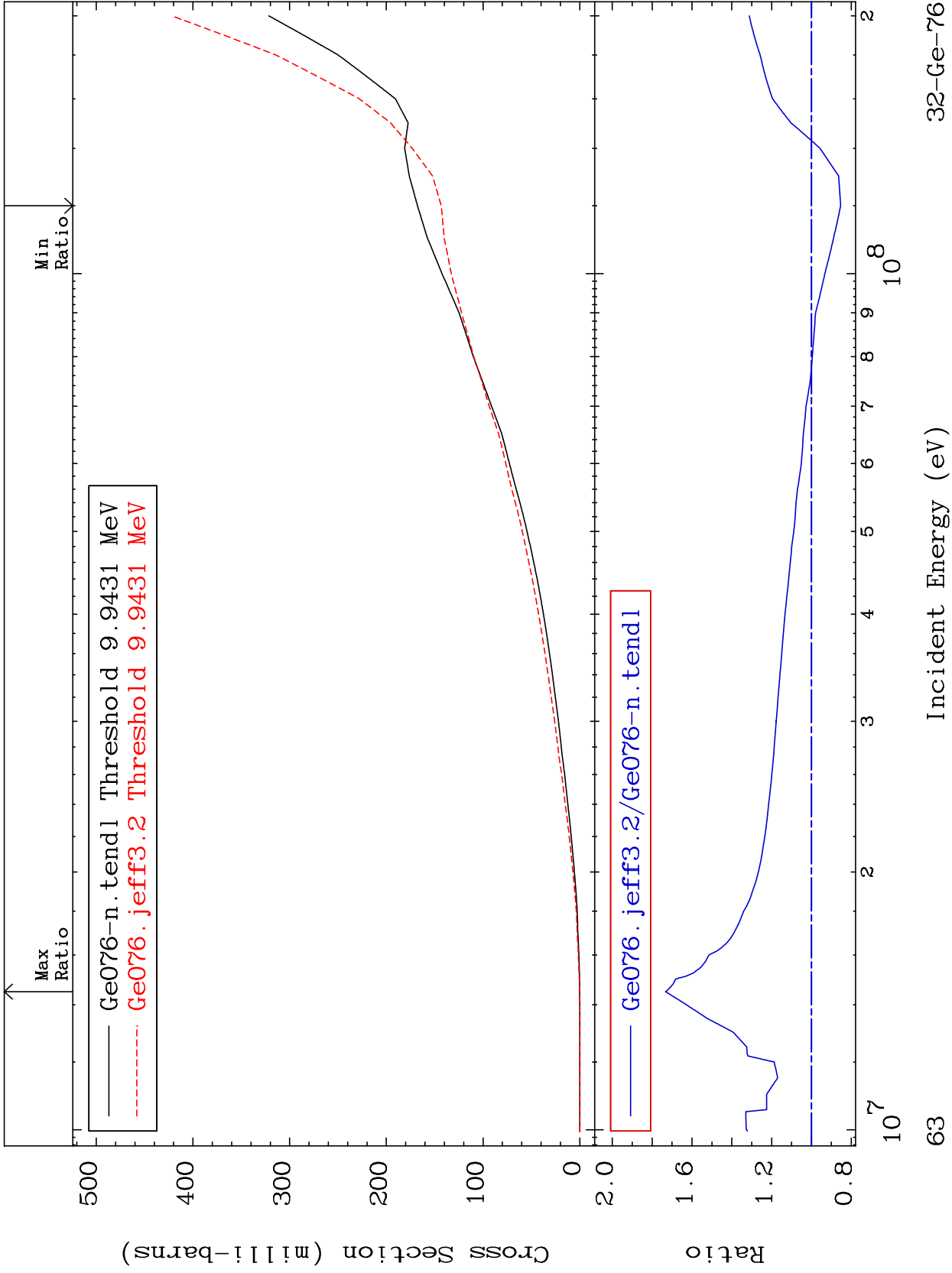
Incident Energy (eV)

³²Ge-76

MAT 3243

Deuterium Production
Cross Section

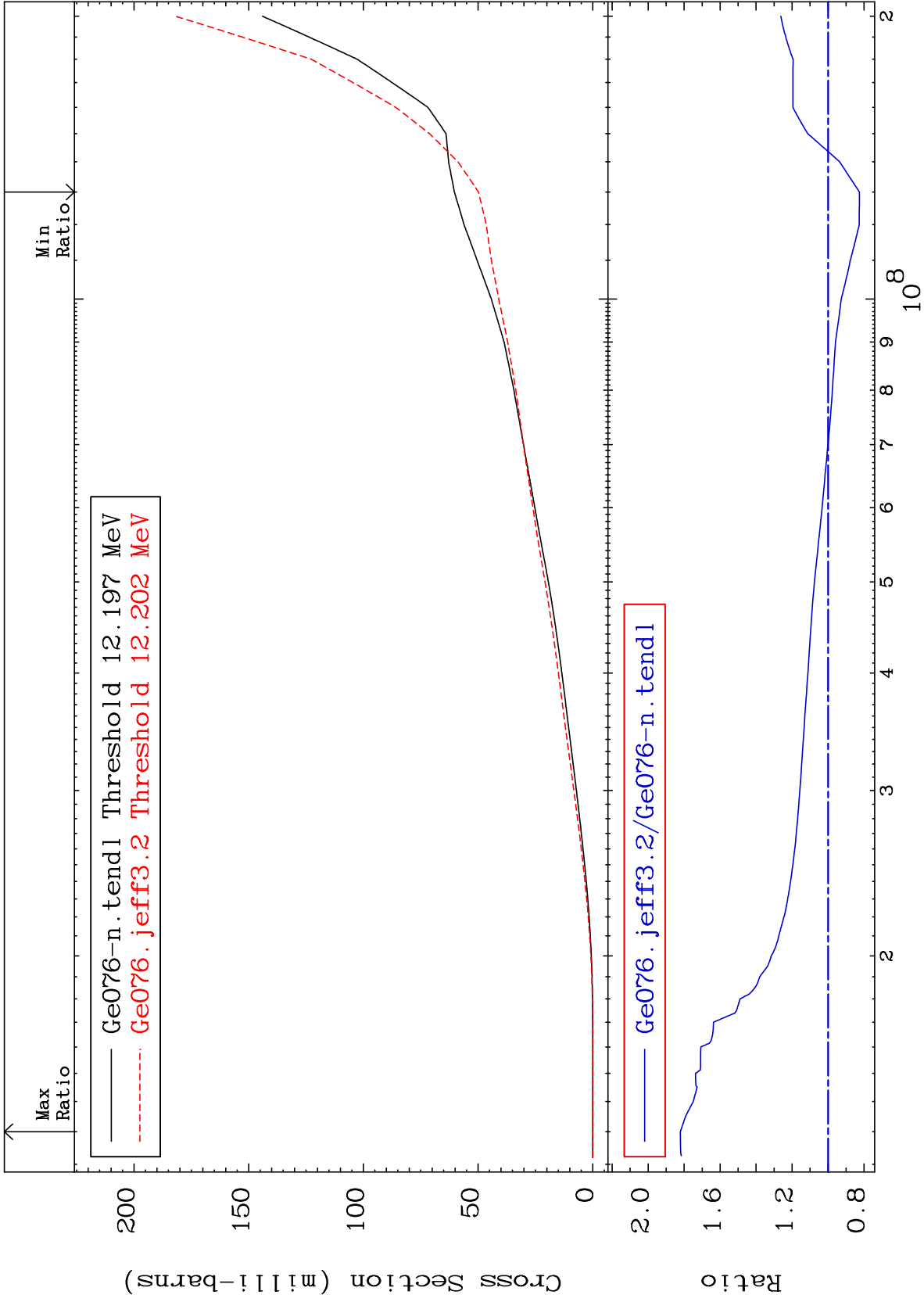
³²Ge-76
-14.66 To 73.29 %



MAT 3243

Tritium Production
Cross Section

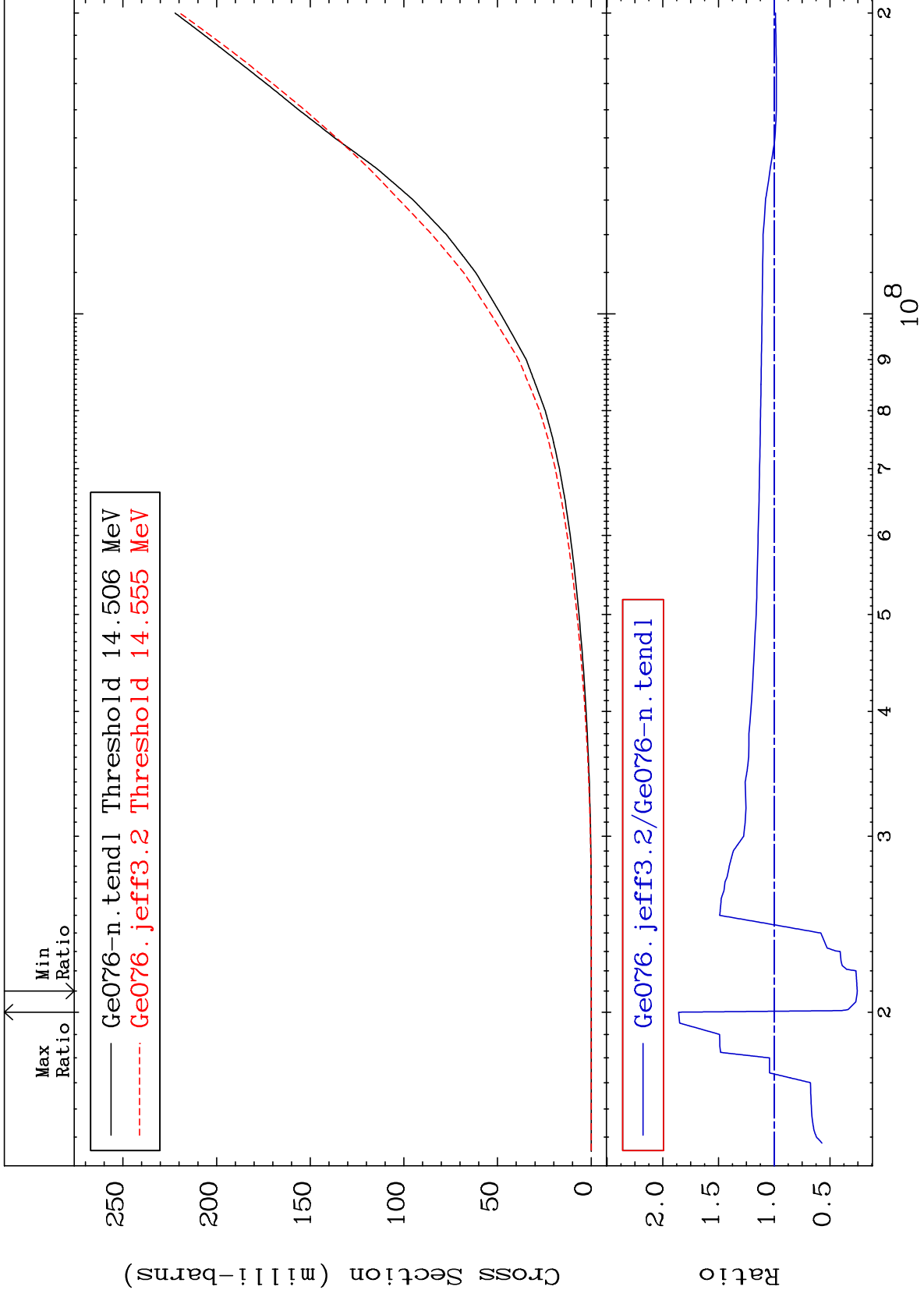
$^{32}\text{Ge-76}$
-17.42 To 82.09 %



MAT 3243

He-3 Production
Cross Section

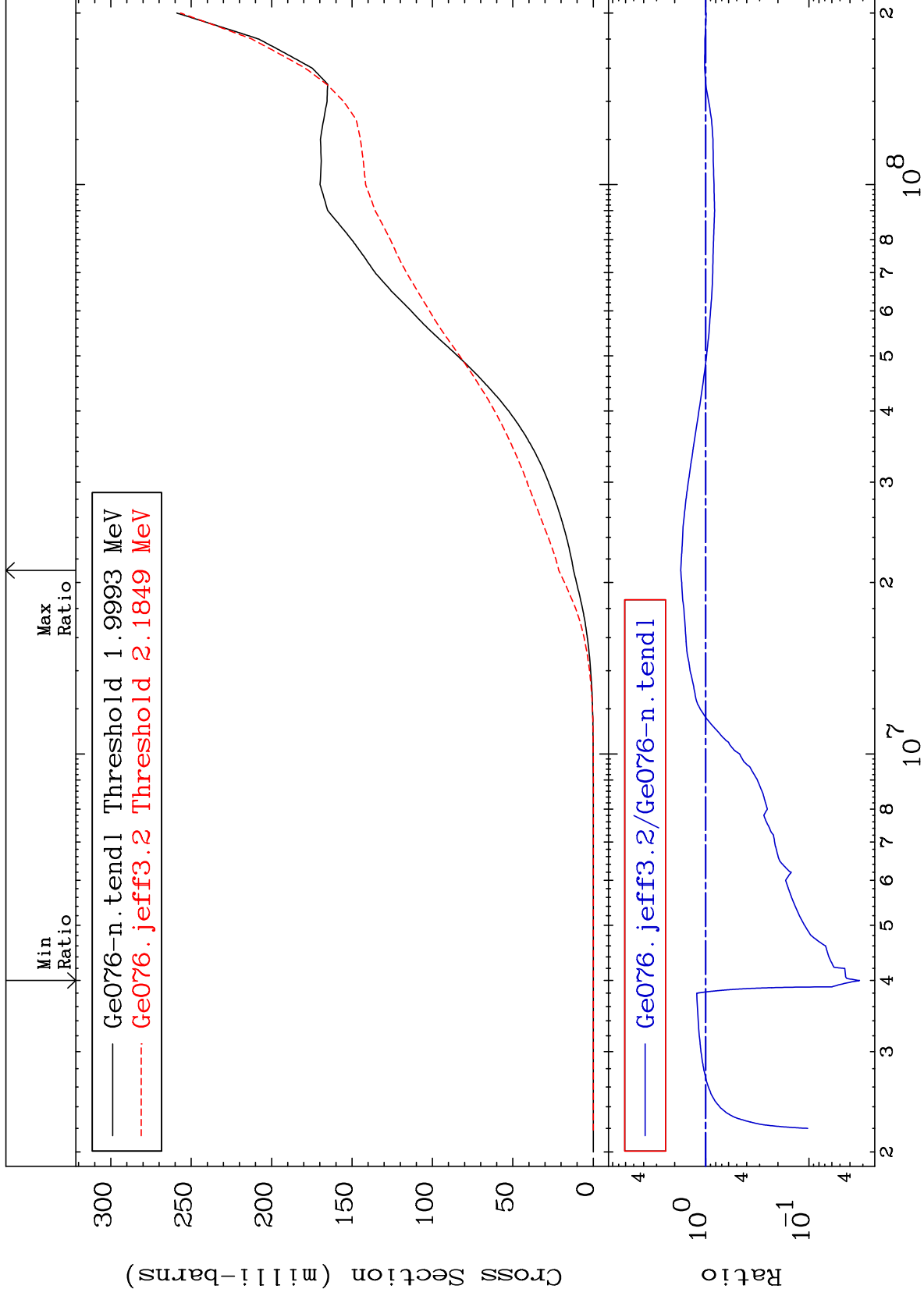
³²Ge-76
-74.53 To 85.72 %

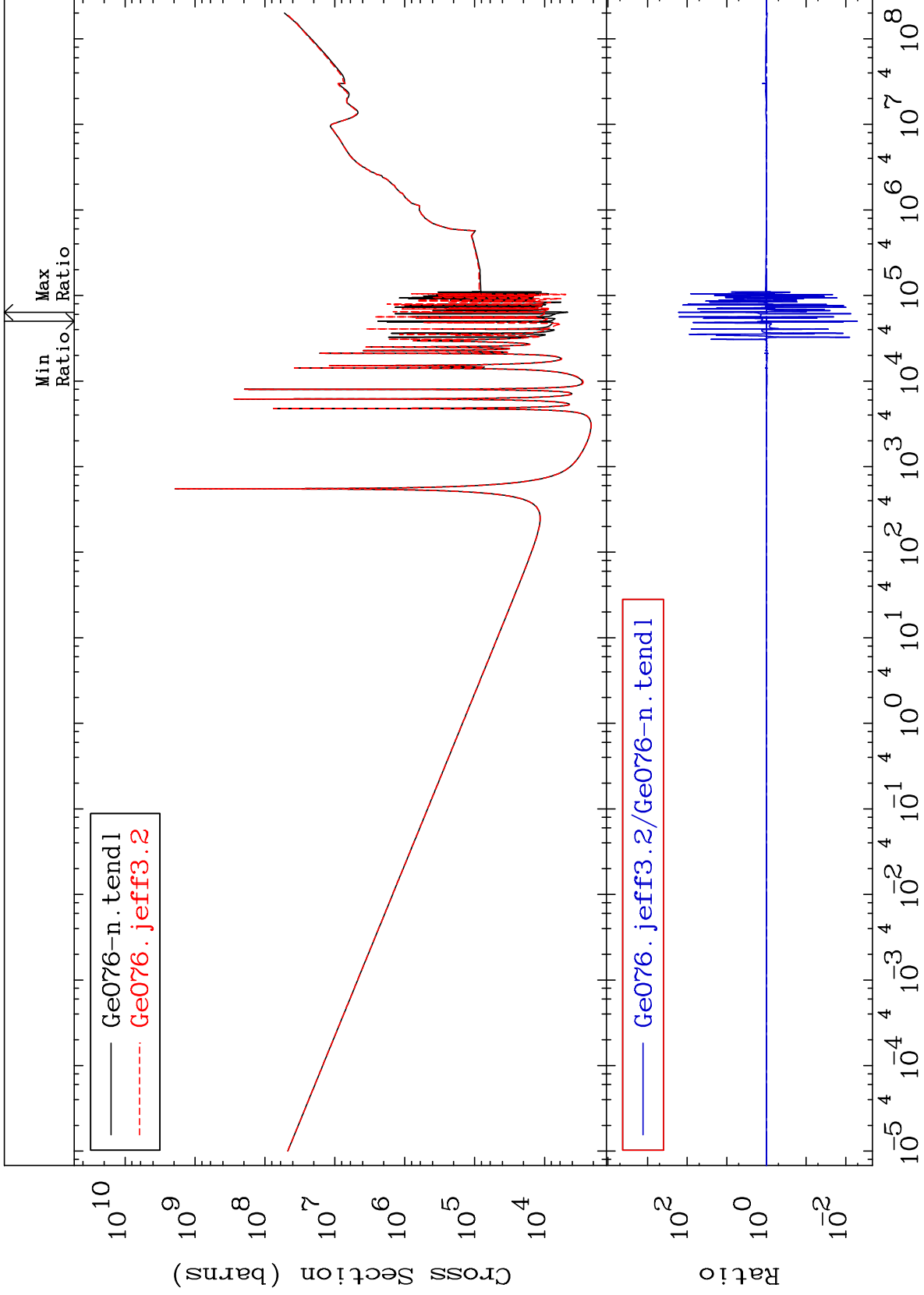


MAT 3243

He-4 Production
Cross Section

³²Ge-76
-96.77 To 74.83 %

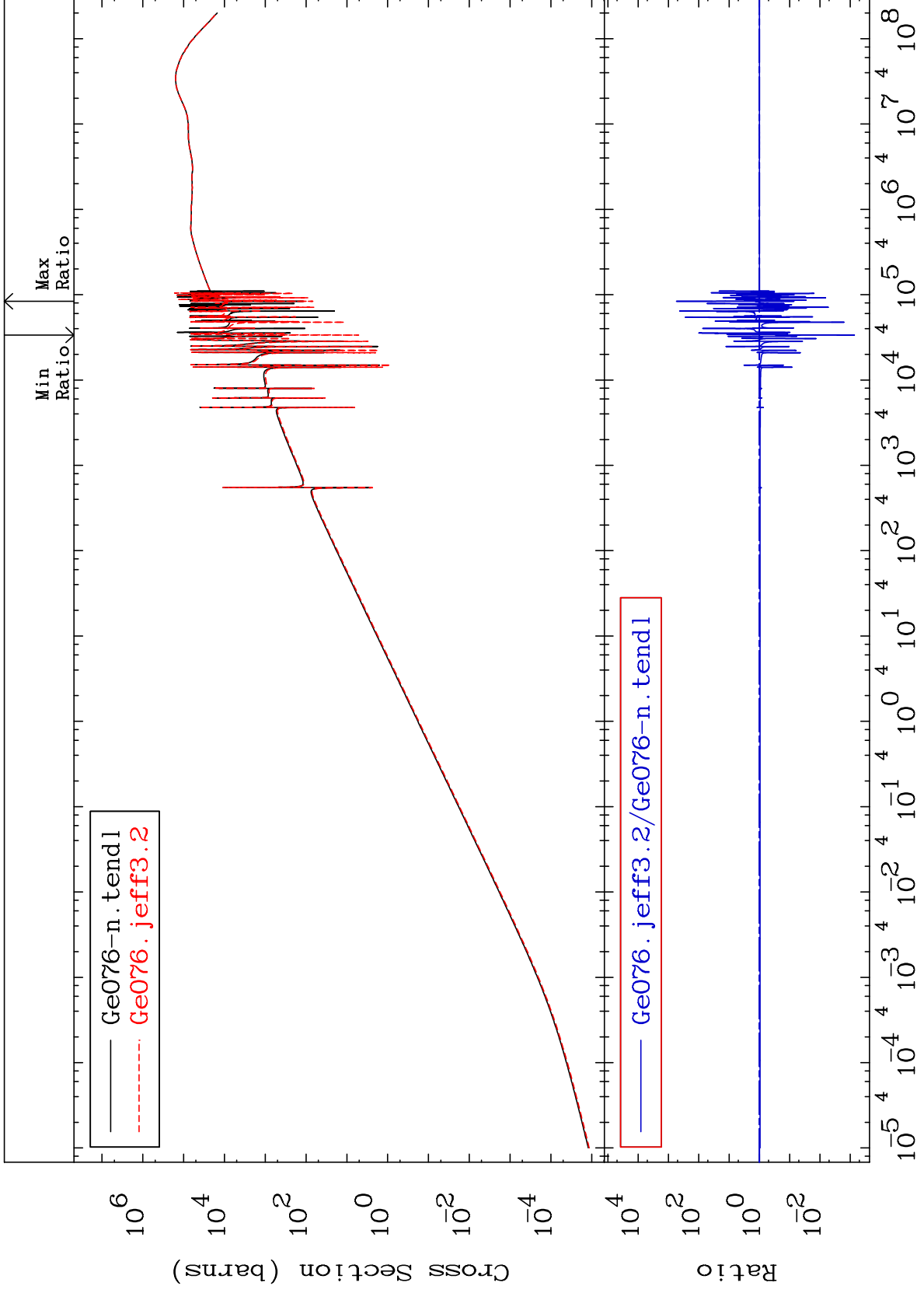


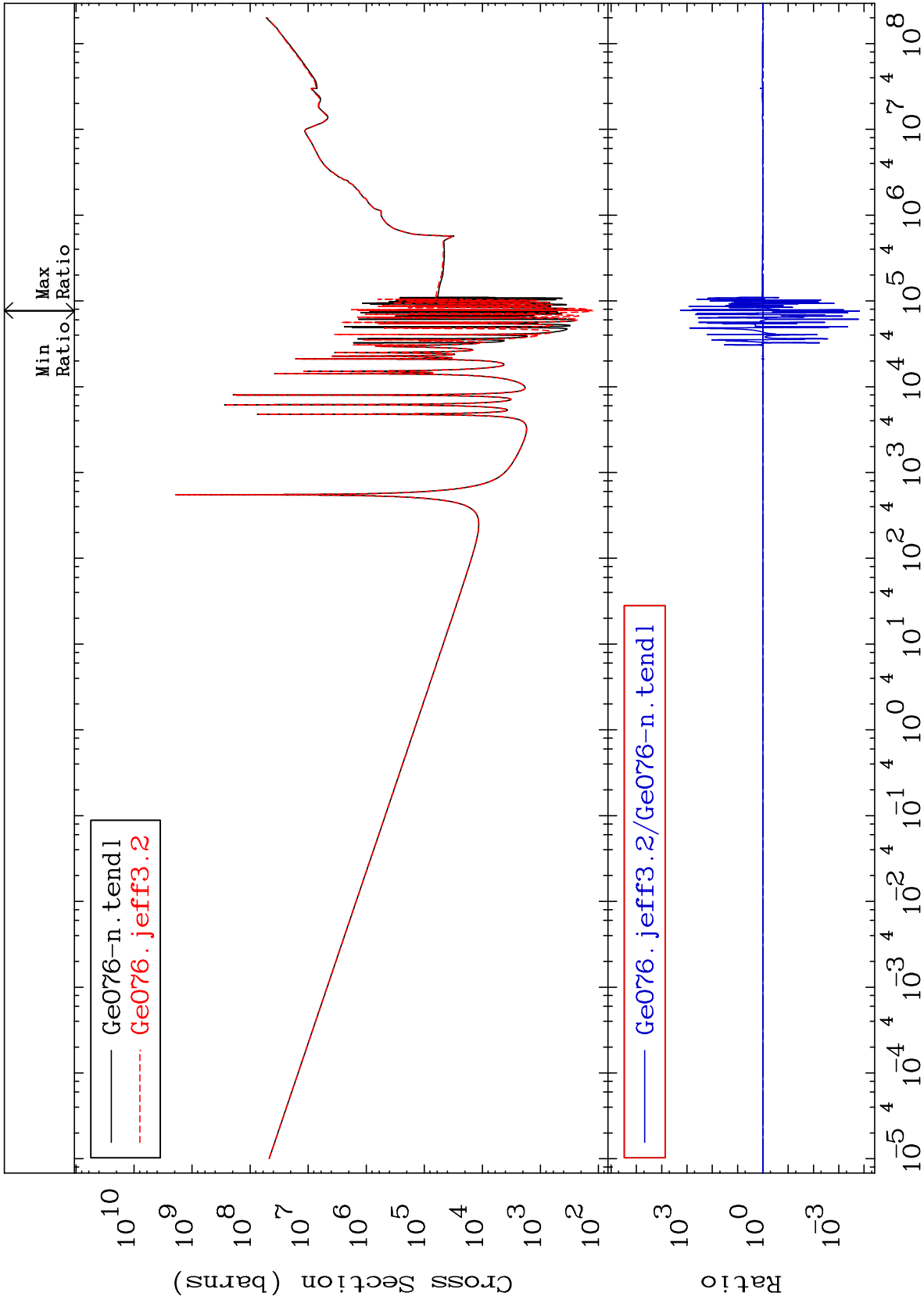


MAT 3243

Kerma elastic
Cross Section

32-Ge-76
-99.93 To 9999. %

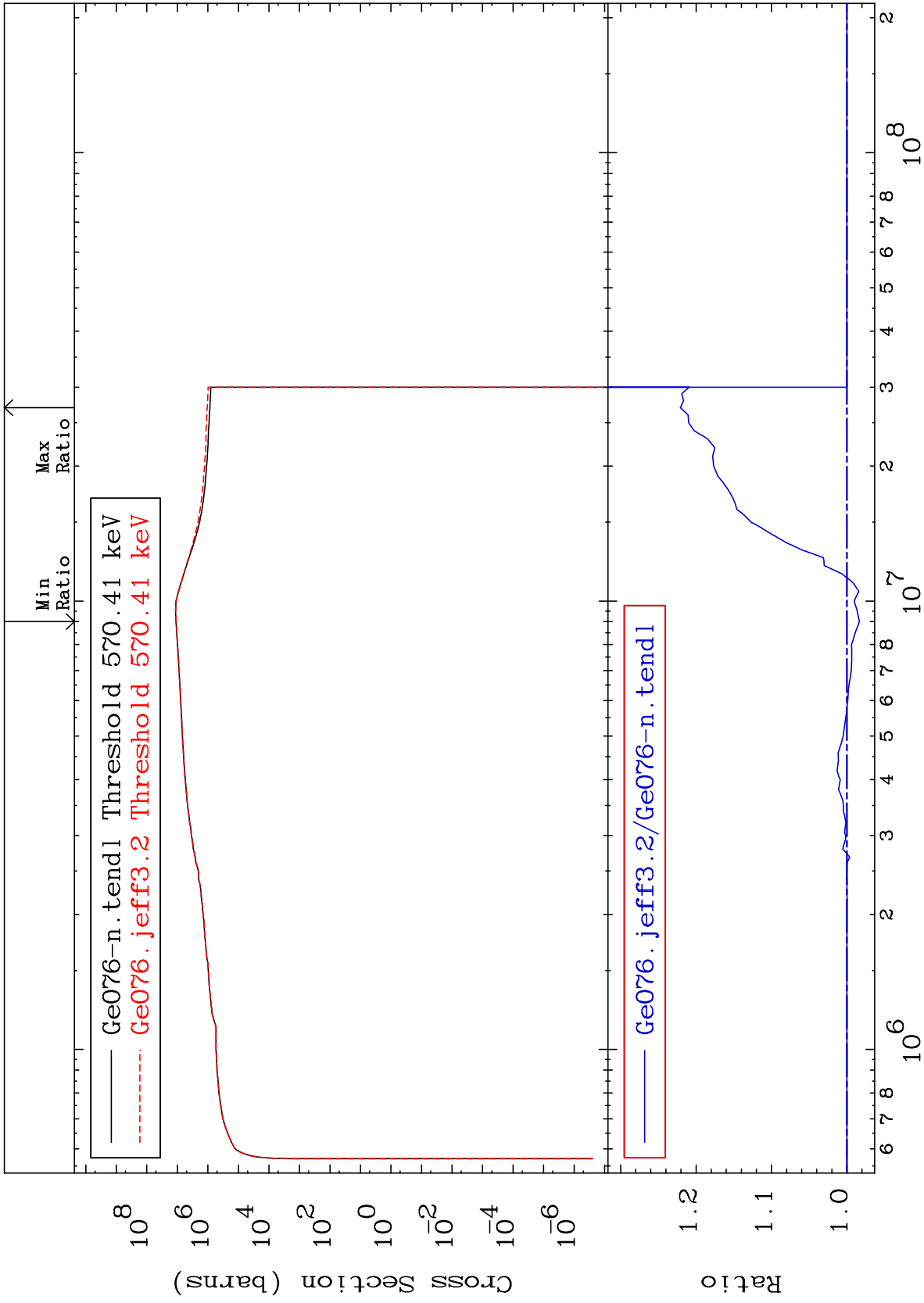




MAT 3243

Kerma inelastic (mt51-91)
Cross Section

32-Ge-76
-1.655 To 22.08 %



70

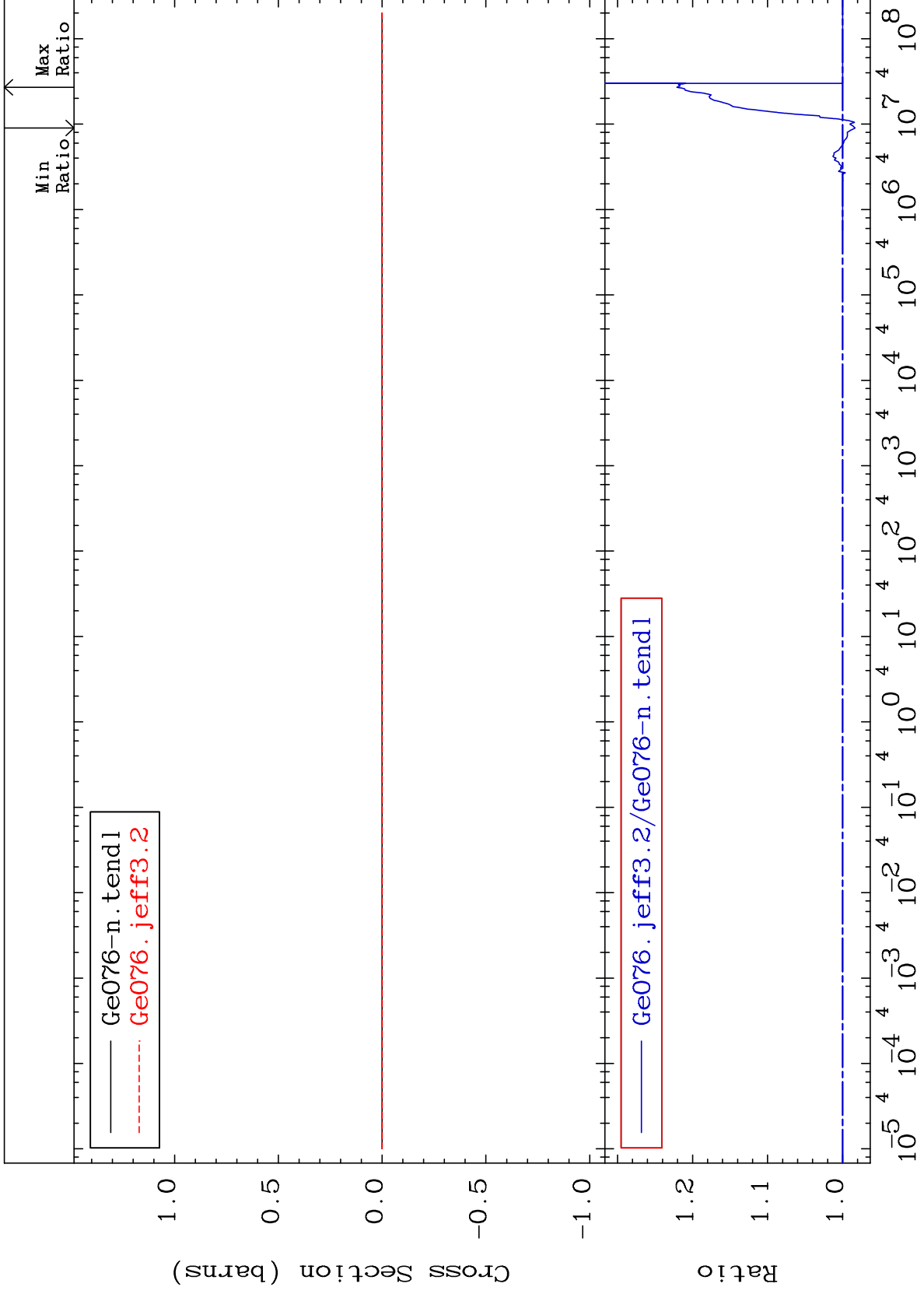
Incident Energy (eV)

32-Ge-76

MAT 3243

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

32-Ge-76
-1.655 To 22.08 %



71

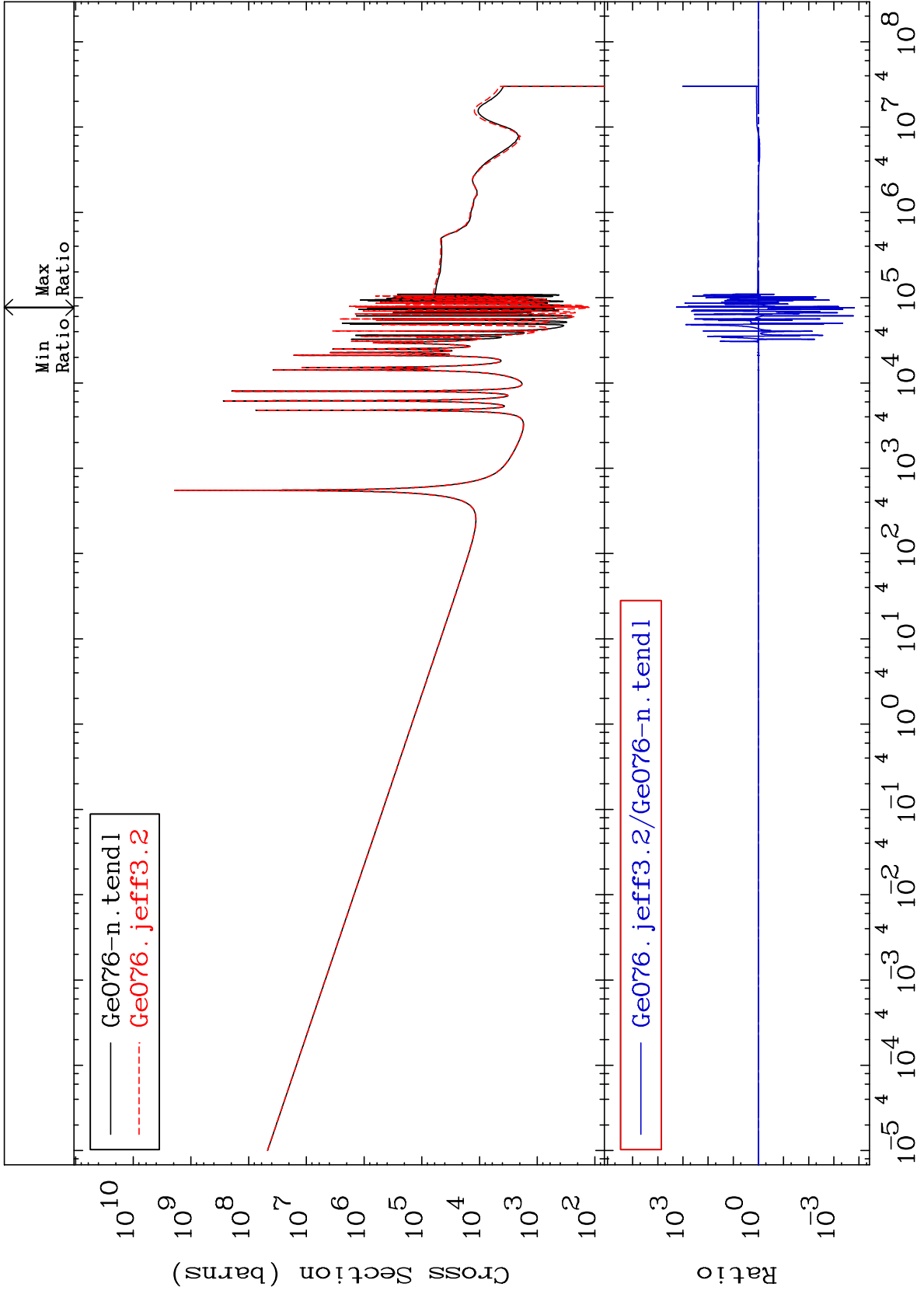
Incident Energy (eV)

32-Ge-76

MAT 3243

Kerma capture (mt102)
Cross Section

32-Ge-76
-99.98 To 9999. %



72

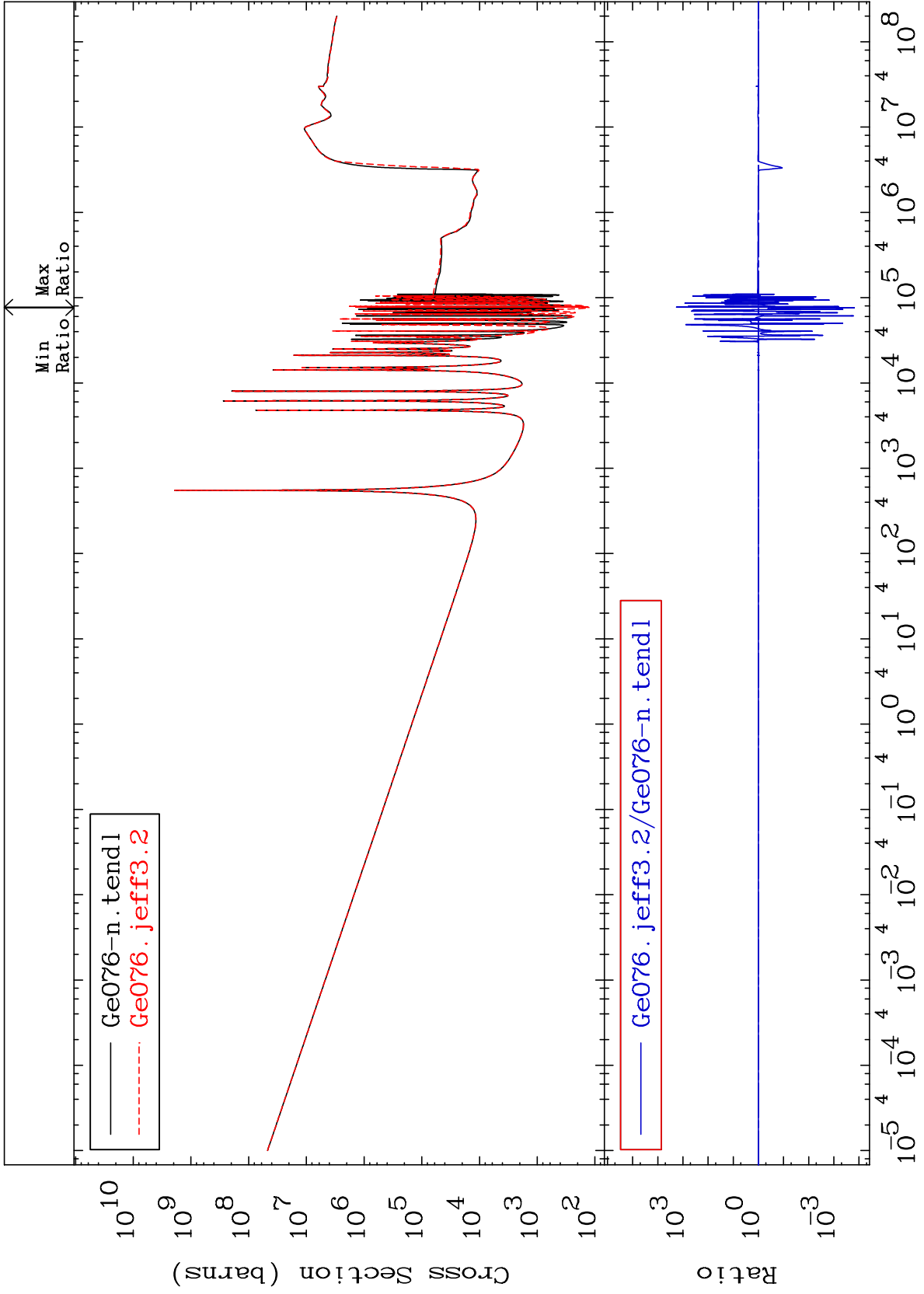
Incident Energy (eV)

32-Ge-76

MAT 3243

Total photon (eV-barns)
Cross Section

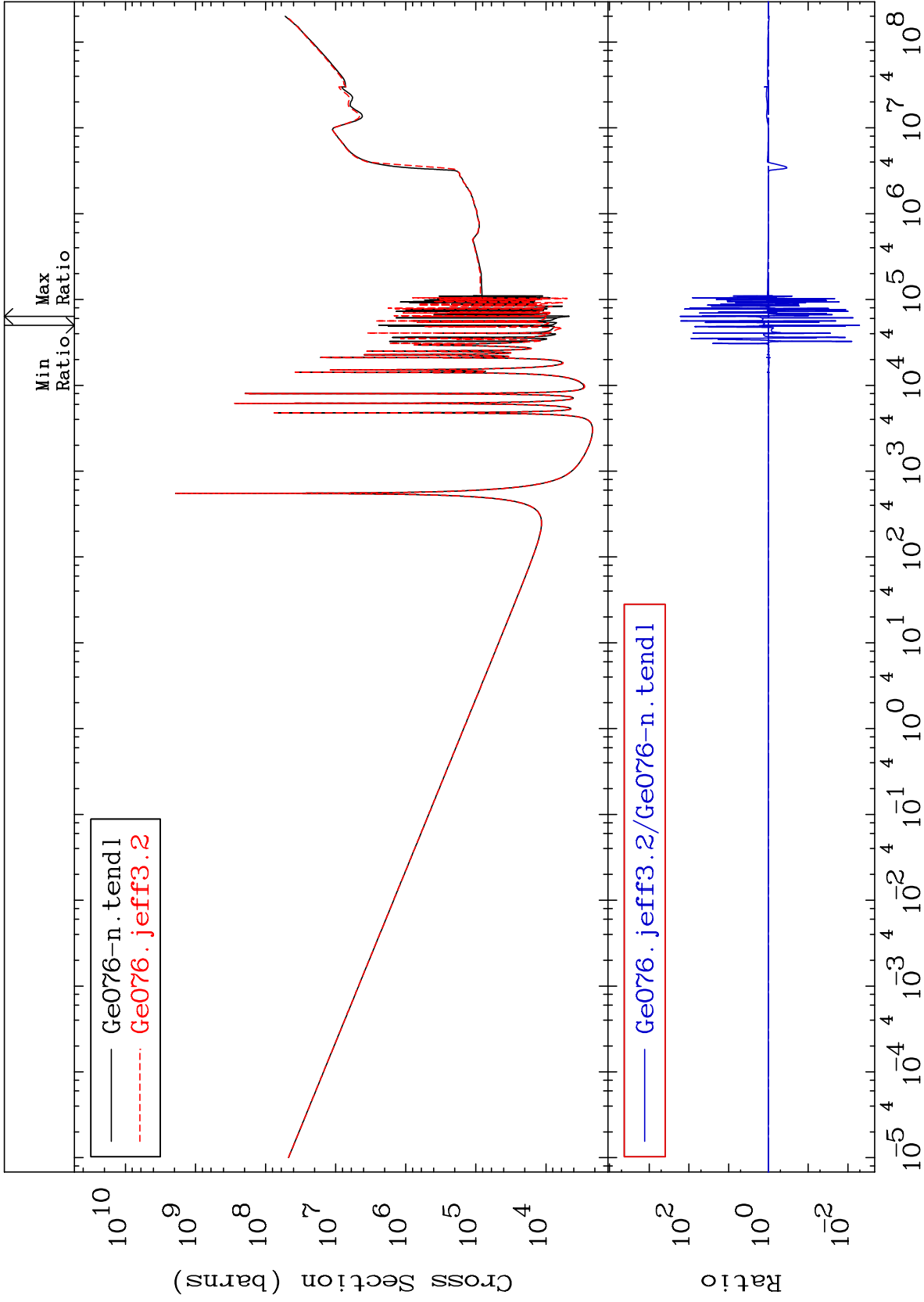
32-Ge-76
-99.98 To 9999. %



73

Incident Energy (eV)

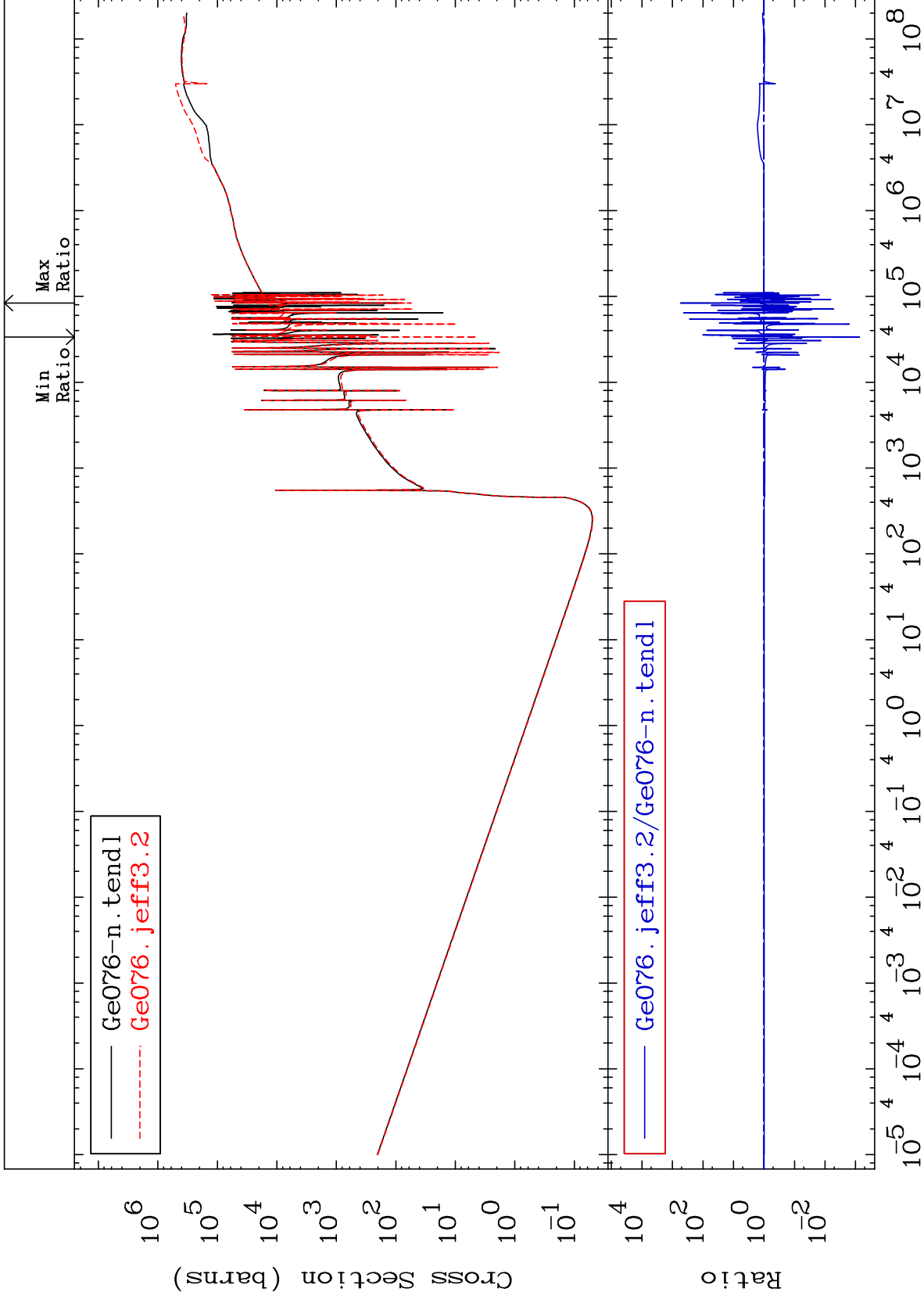
32-Ge-76



MAT 3243

Dpa total (eV-barns)
Cross Section

32-Ge-76
-99.93 To 9999. %



75

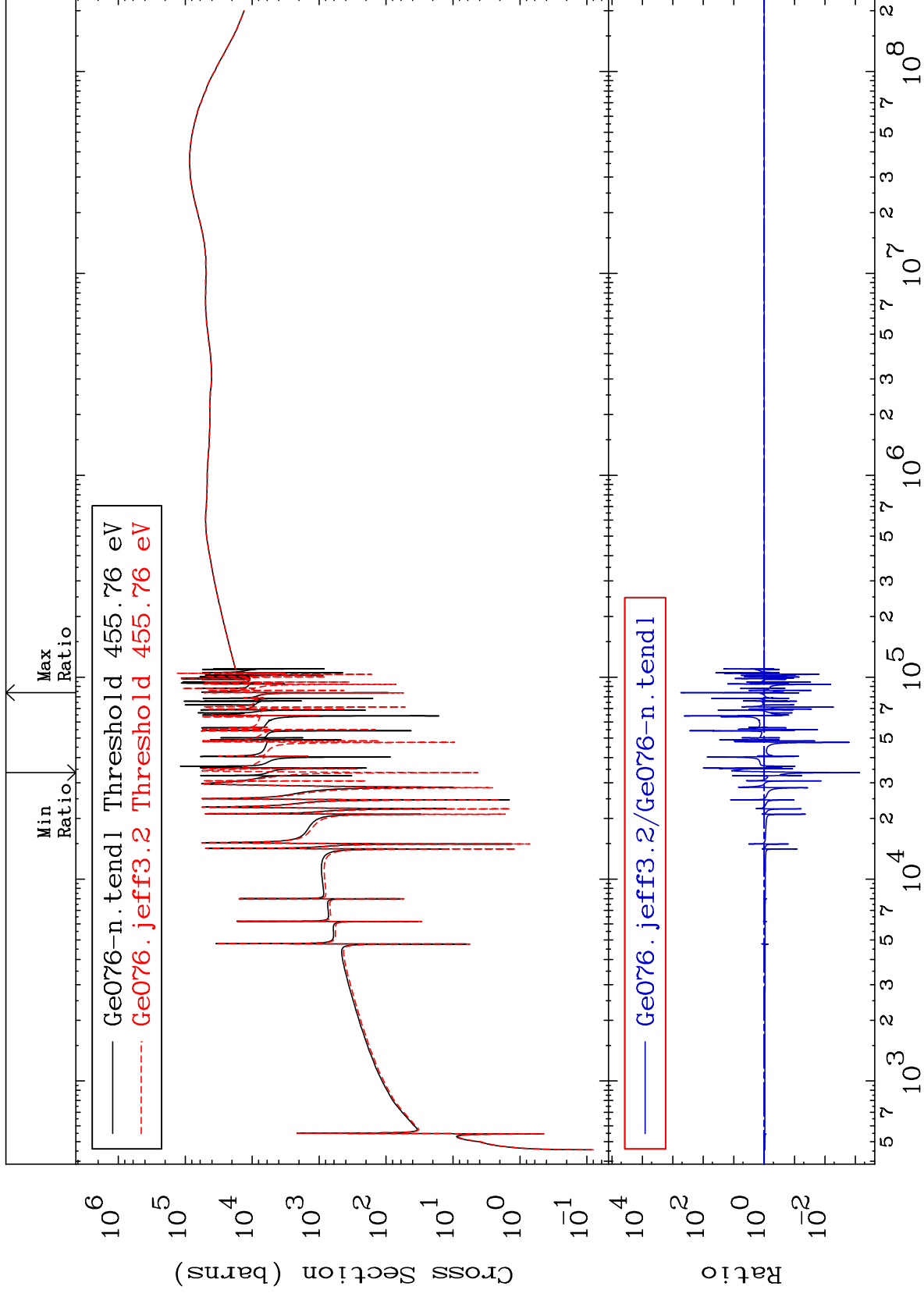
Incident Energy (eV)

32-Ge-76

MAT 3243

Dpa elastic (mt²)
Cross Section

32-Ge-76
-99.93 To 9999. %



76

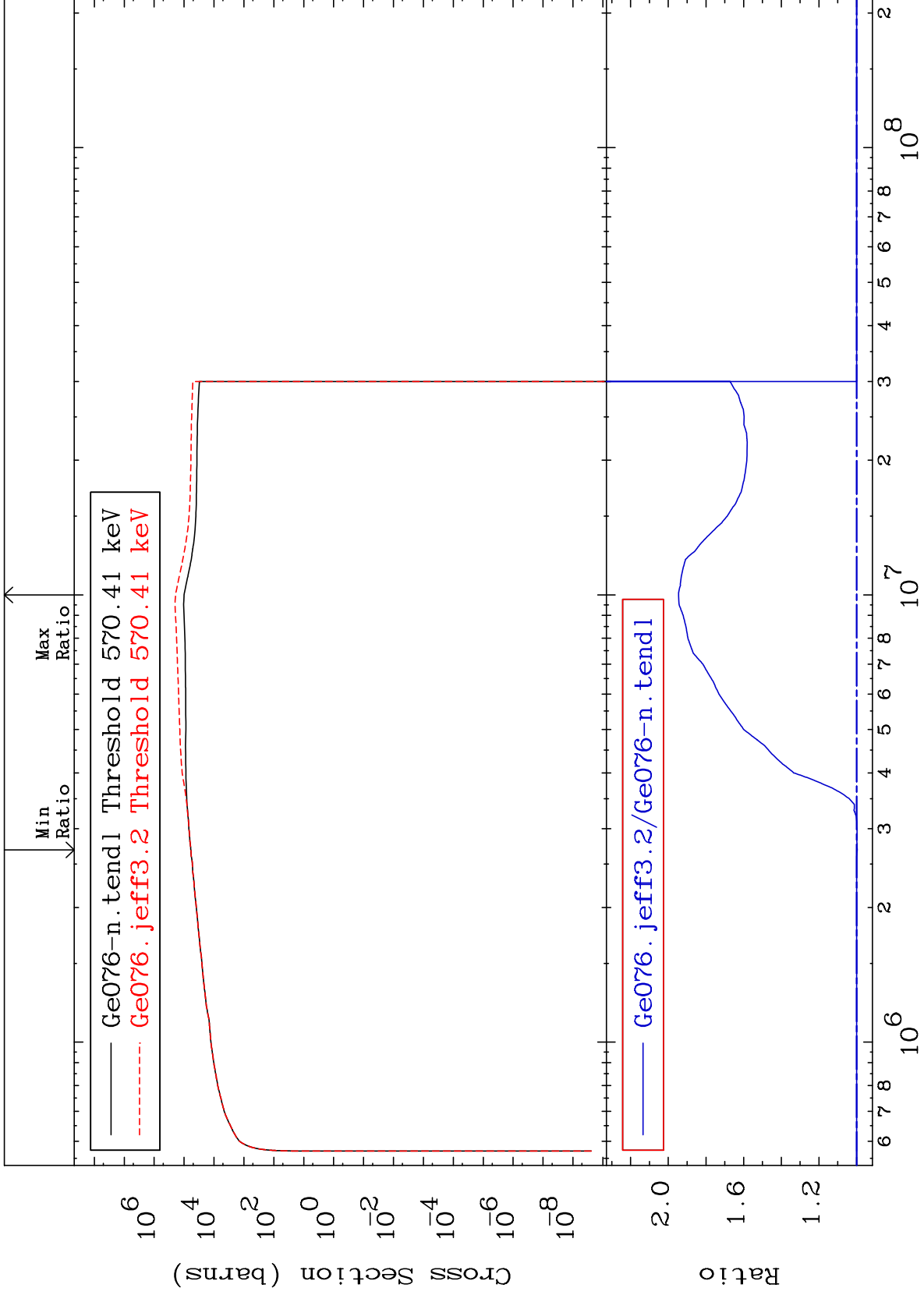
Incident Energy (eV)

32-Ge-76

MAT 3243

Dpa inelastic (mt51-91)
Cross Section

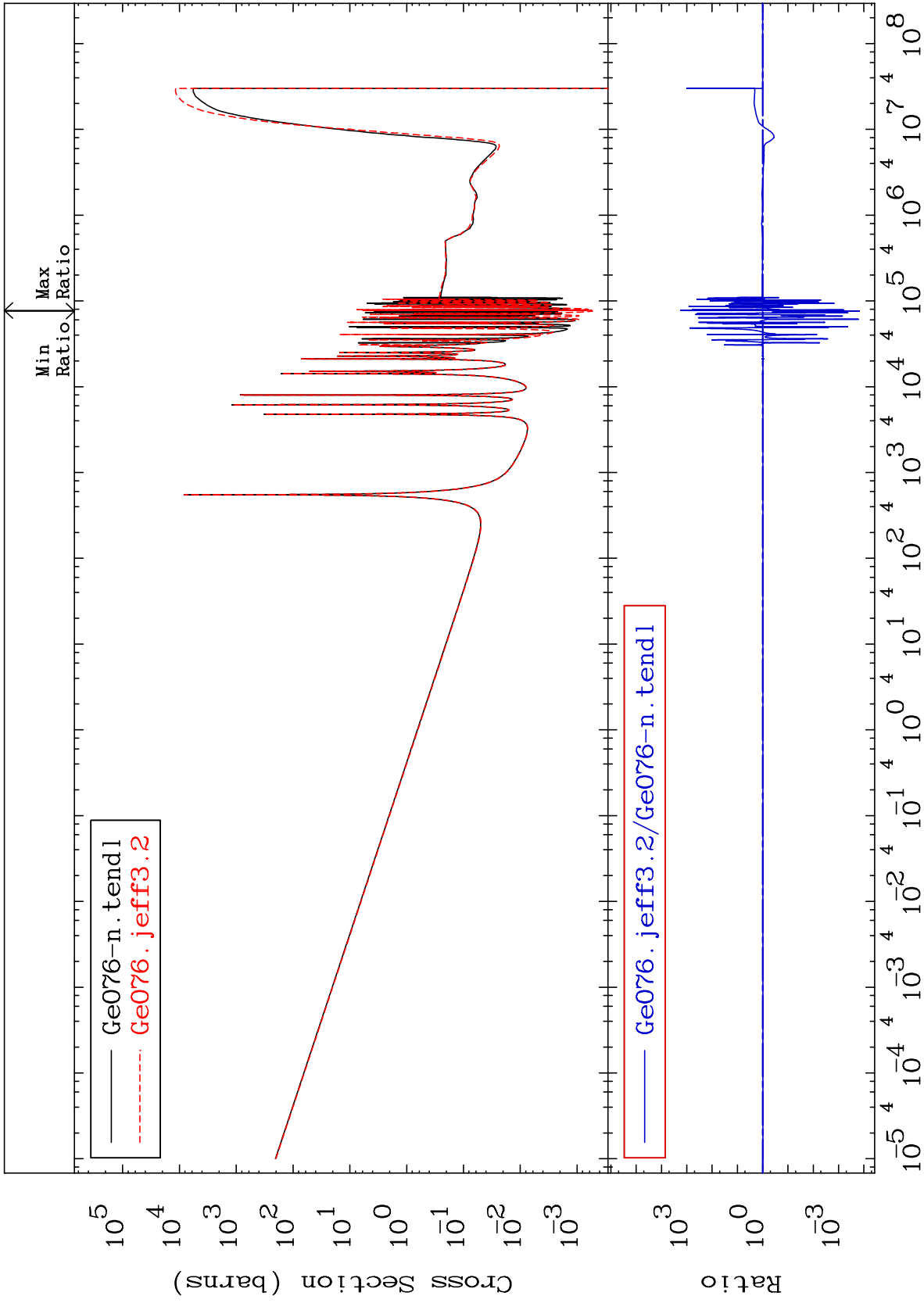
32-Ge-76
-0.329 To 94.50 %



77

Incident Energy (eV)

32-Ge-76



MAT 3243

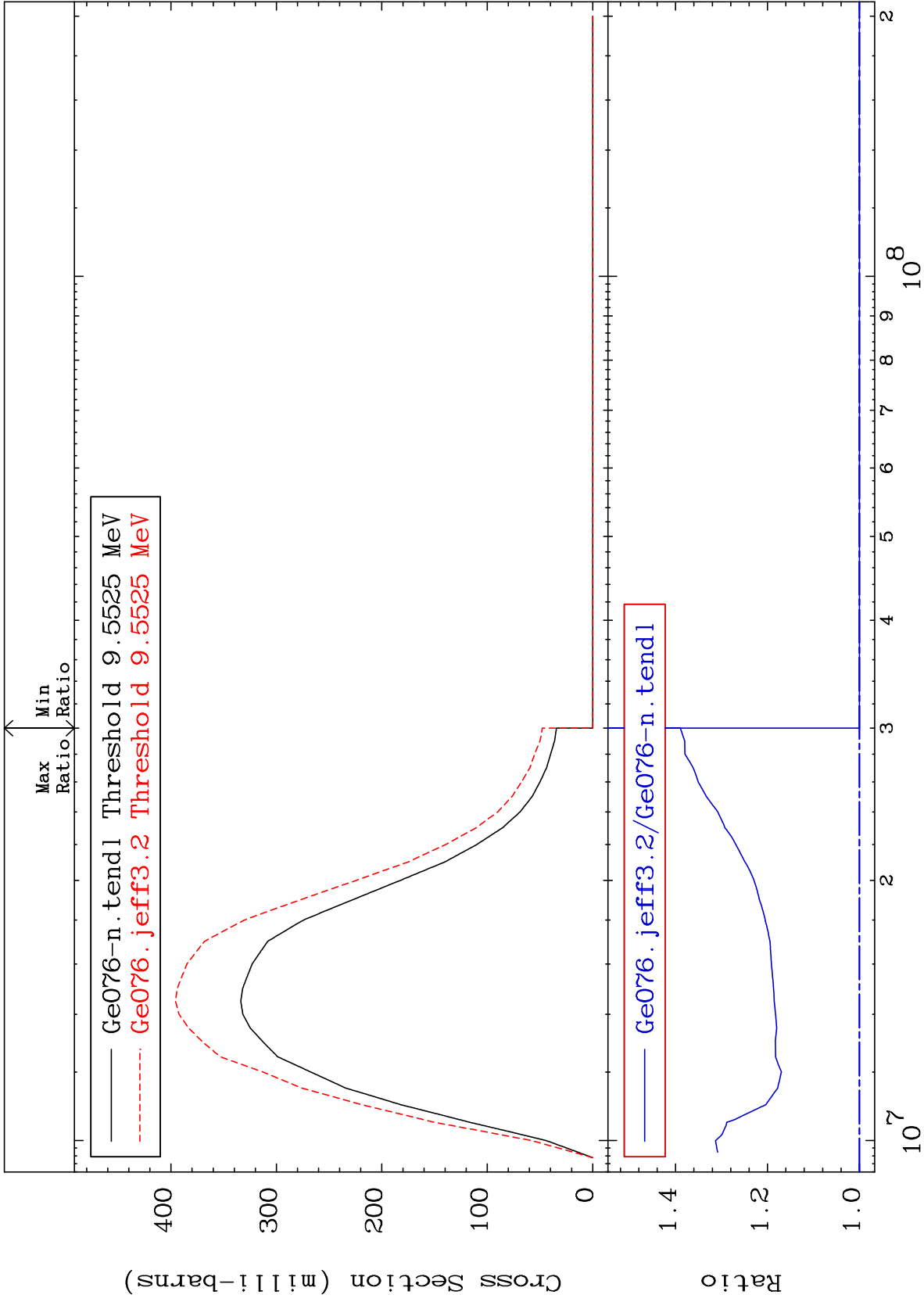
32-Ge-76

0.000

(n,2n) : 32-Ge-75g

To 38.95 %

Radionuclide Production Cross Section



79

Incident Energy (eV)

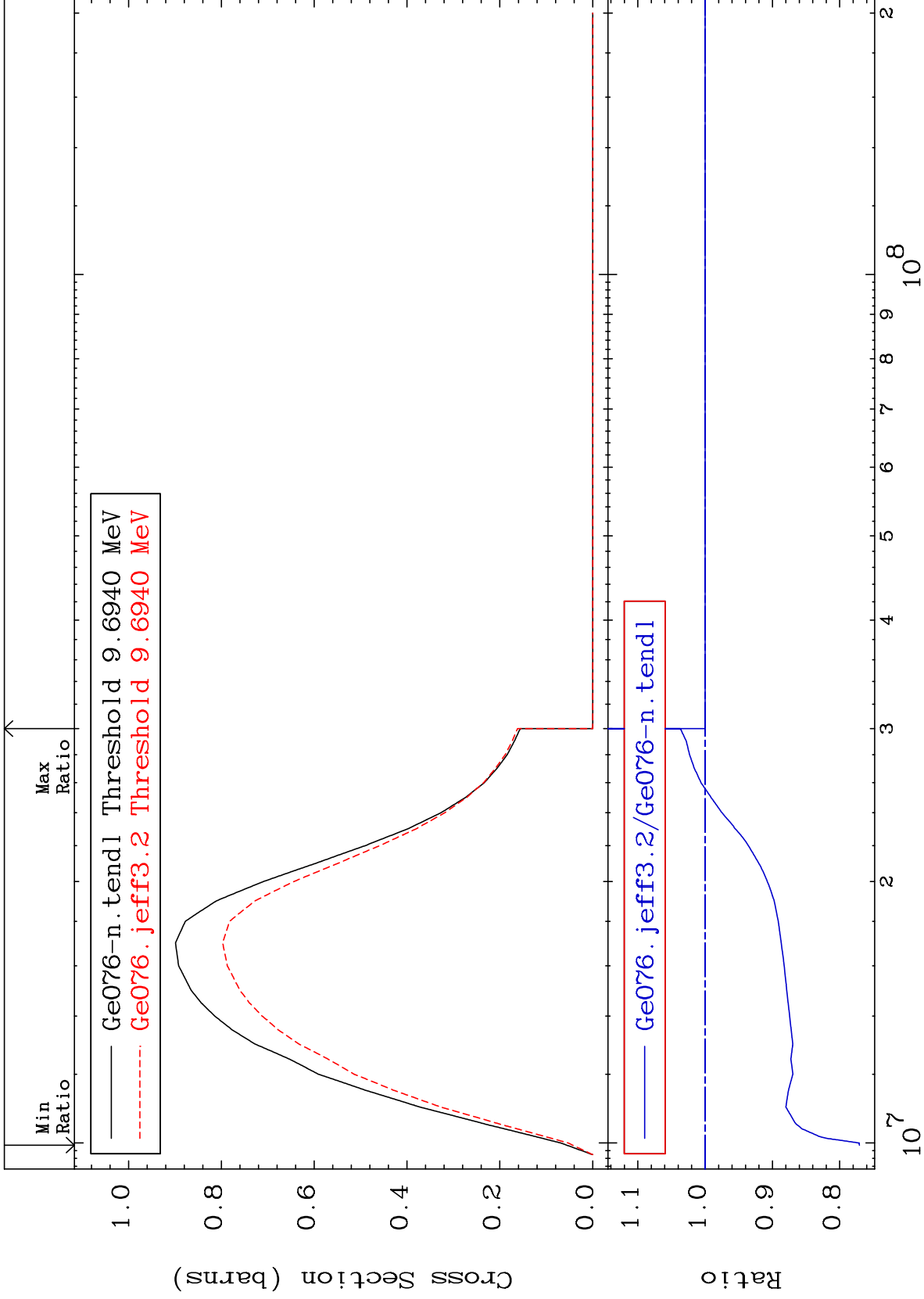
32-Ge-76

MAT 3243

(n,2n):32-Ge-75m2

32-Ge-76

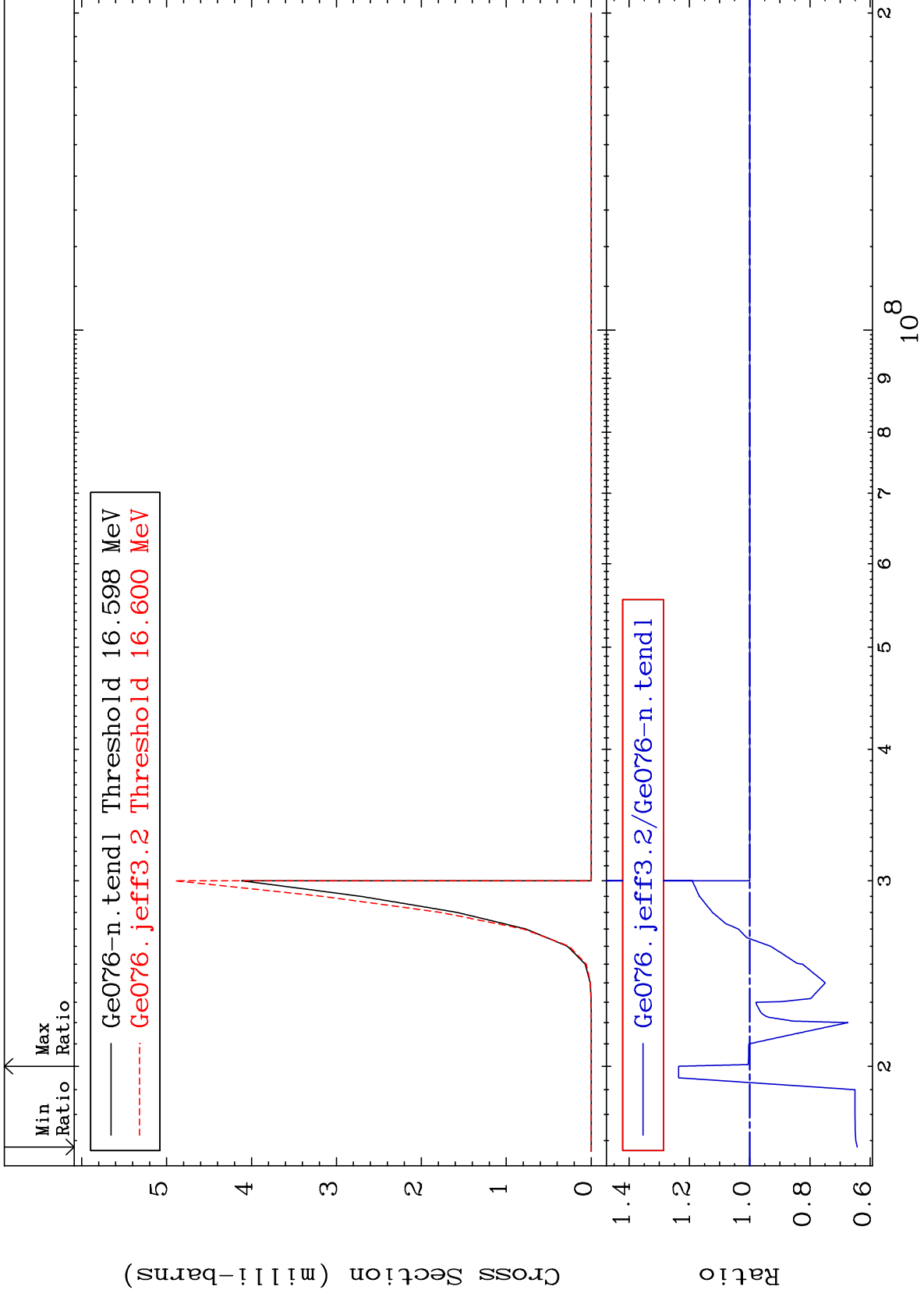
Radionuclide Production Cross Section -22.93 To 3.682 %



80

Incident Energy (eV)

32-Ge-76

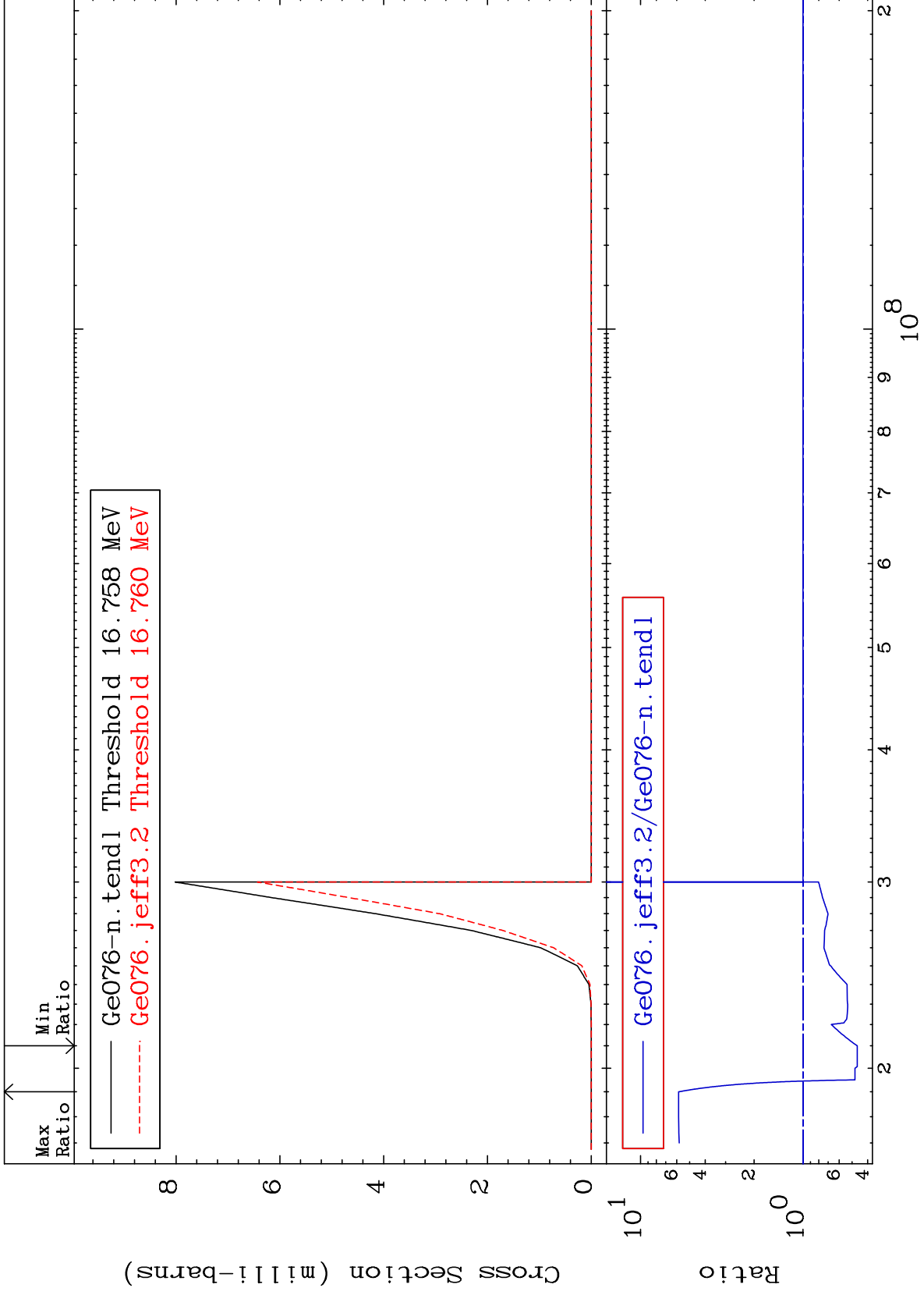


MAT 3243

(n,2n) α :30-Zn-71m1

32-Ge-76

Radionuclide Production Cross Section -53.61 To 483.3 %

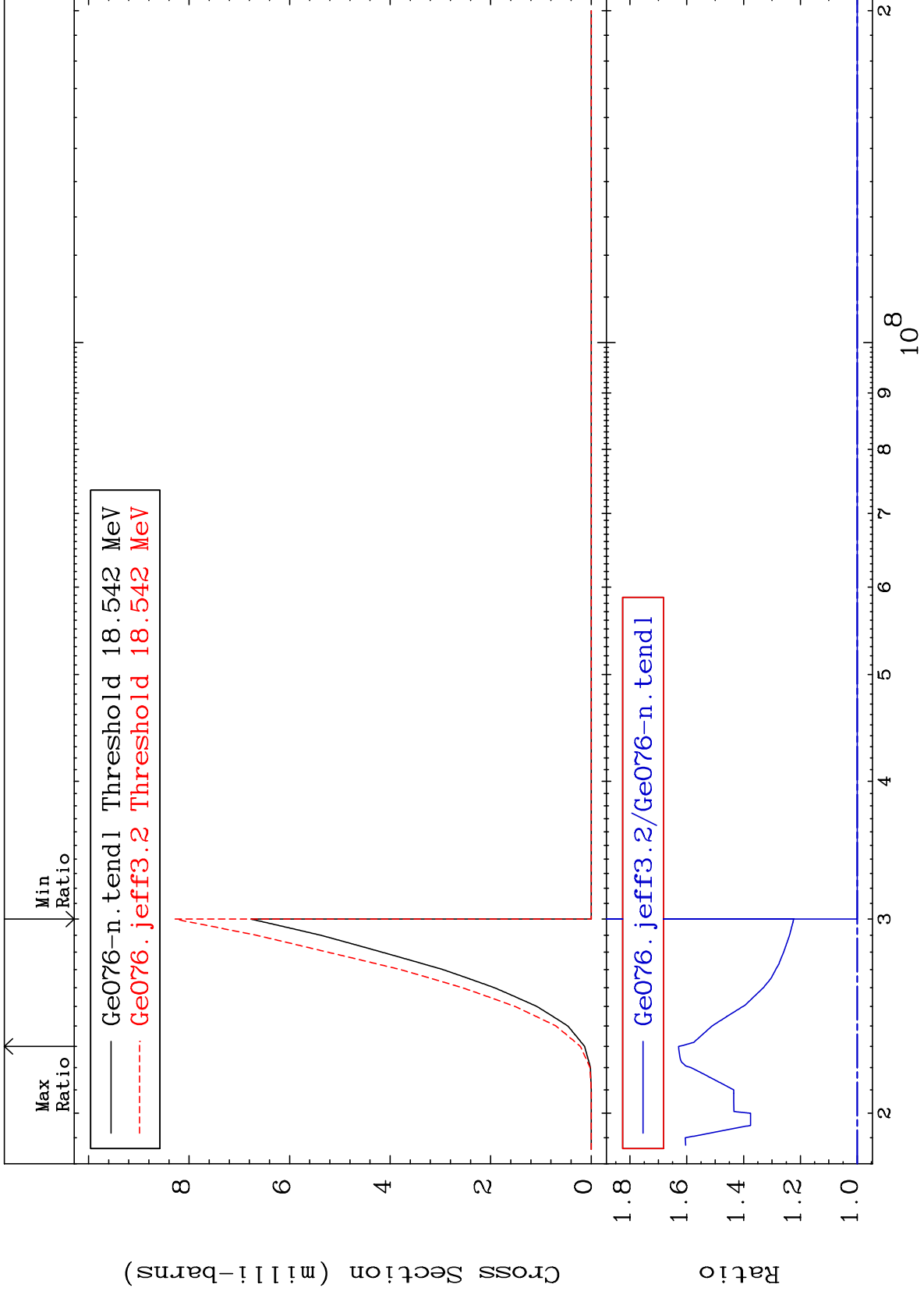


MAT 3243

(n, n') d:31-Ga-74g

32-Ge-76

Radionuclide Production Cross Section 0.000 To 62.87 %

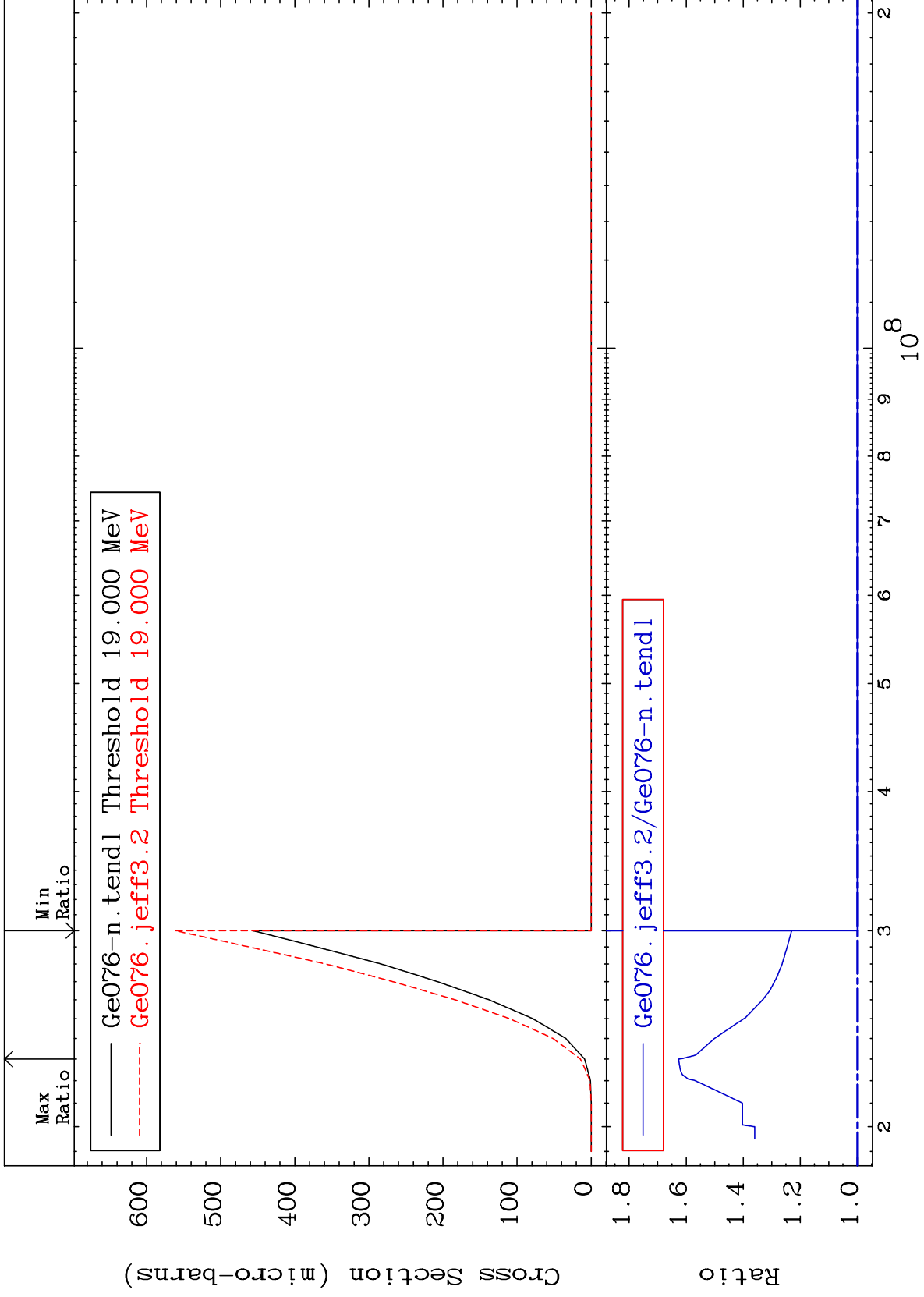


MAT 3243

(n, n') d:31-Ga-74m2

32-Ge-76

Radionuclide Production Cross Section 0.000 To 62.65 %

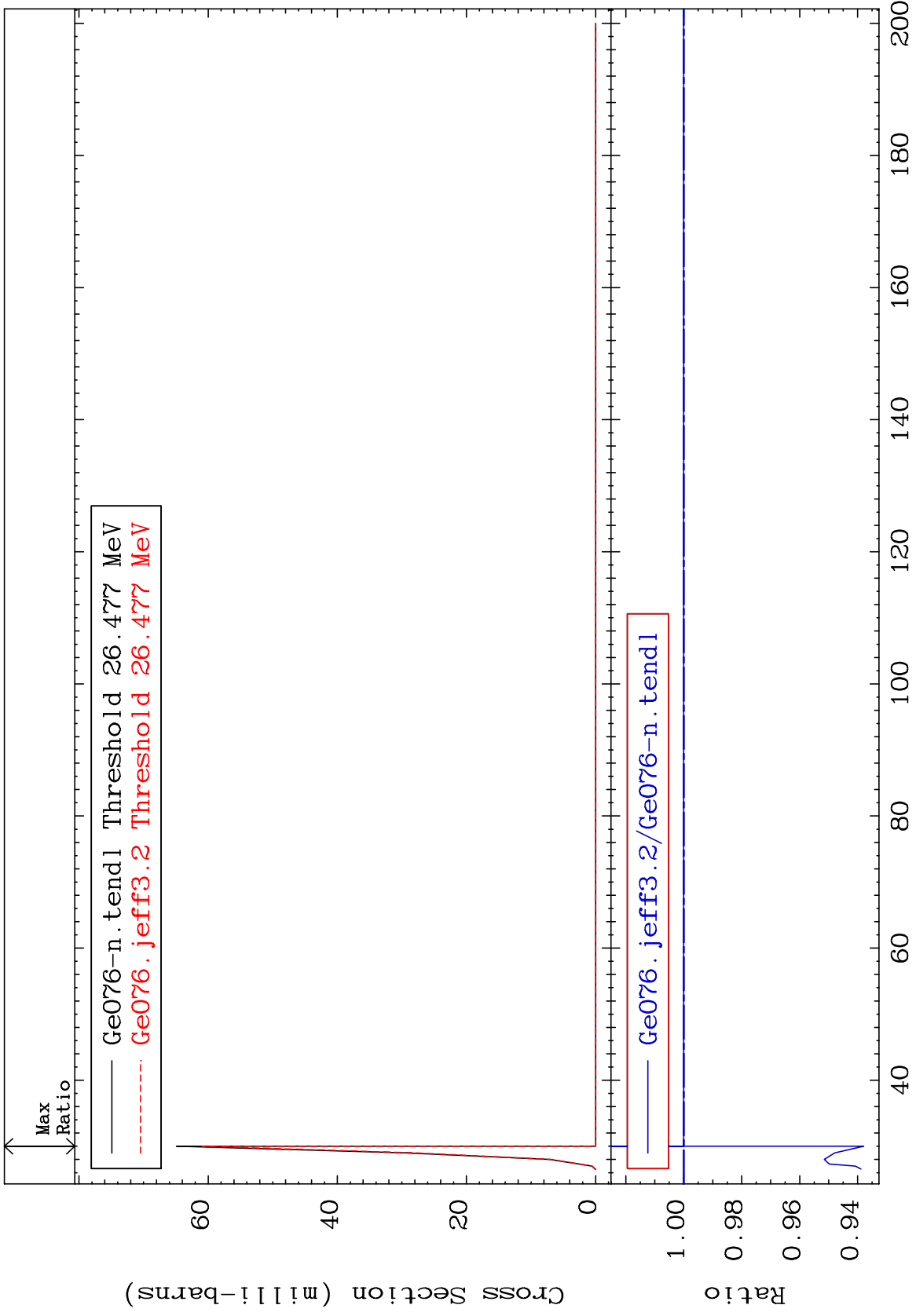


MAT 3243

(n, 4n) : 32-Ge-73g

32-Ge-76

Radionuclide Production Cross Section -6.208 To 0.000 %

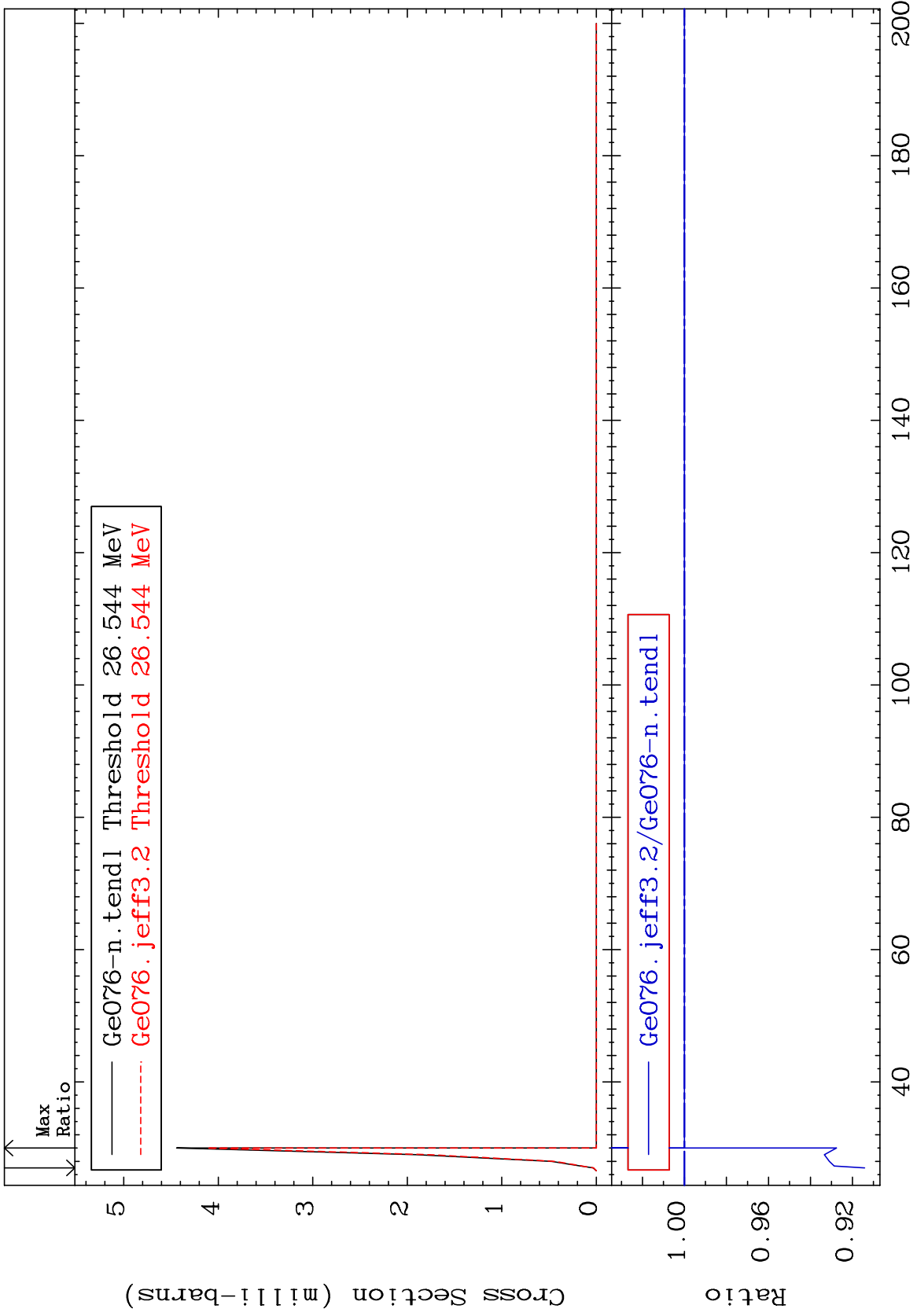


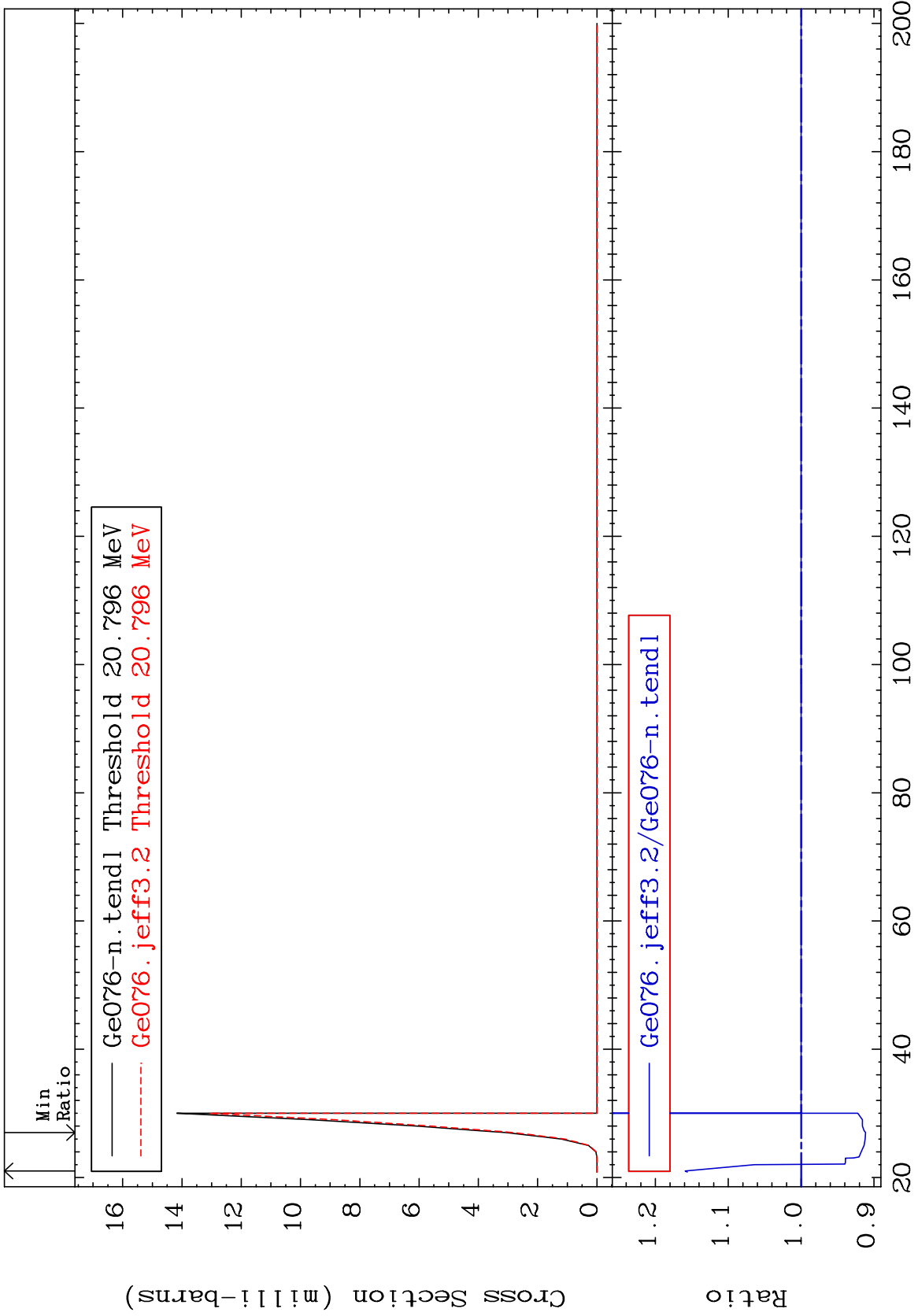
85

Incident Energy (MeV)

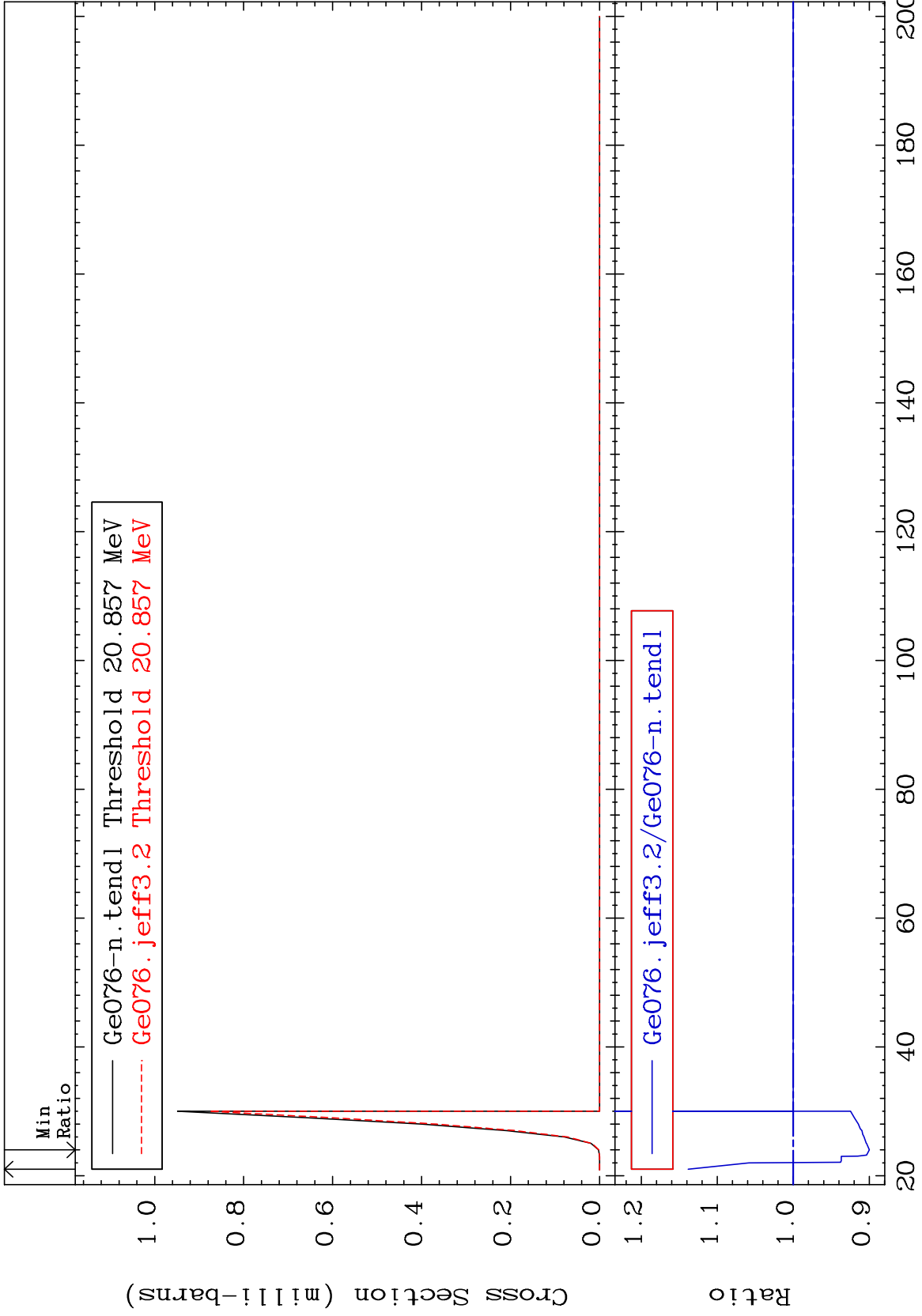
32-Ge-76

Radionuclide Production Cross Section -8.577 To 0.000 %





Radionuclide Production Cross Section -10.01 To 13.83 %

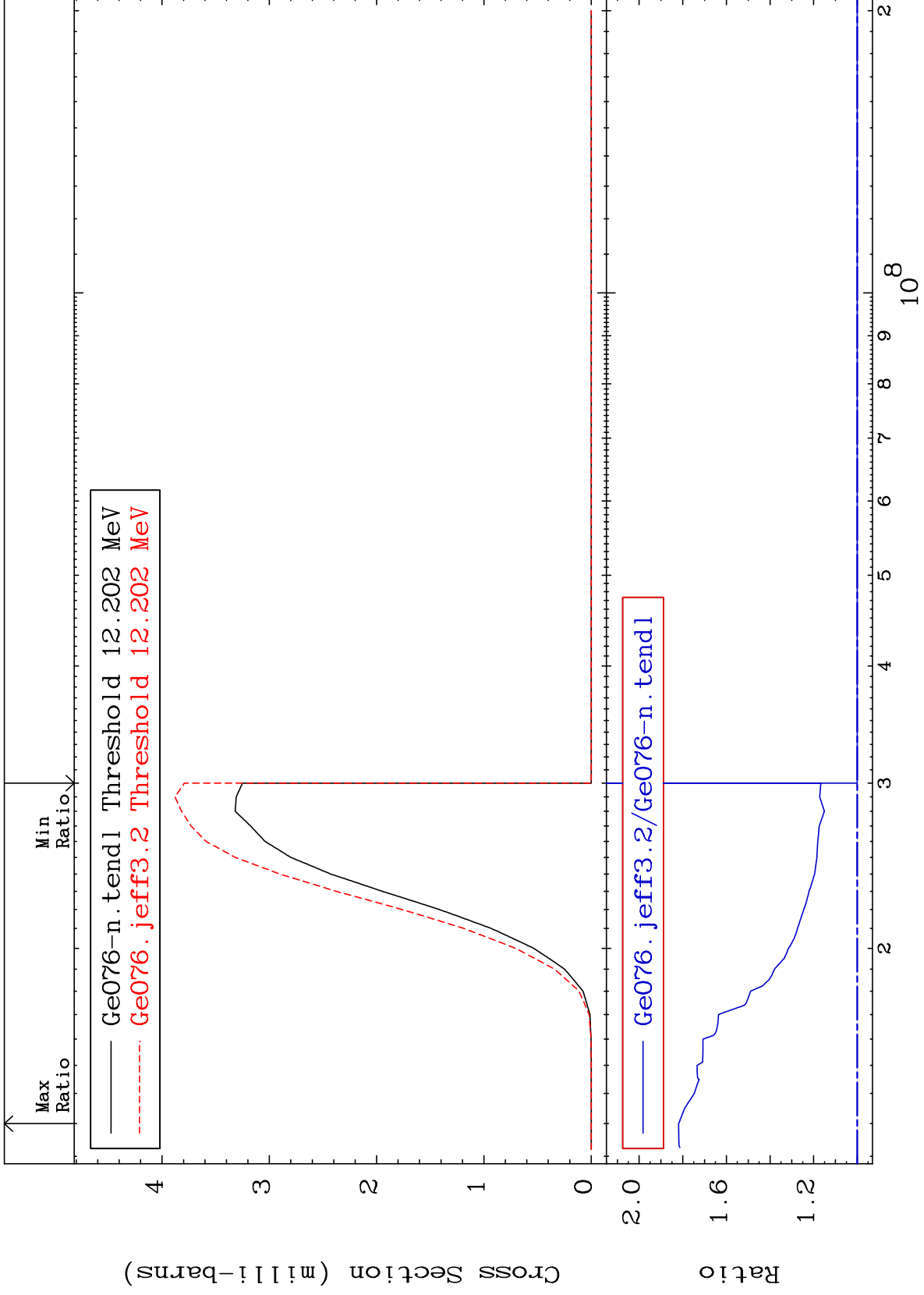


MAT 3243

(n, t) : 31-Ga-74g

³²Ge-76

Radionuclide Production Cross Section 0.000 To 81.90 %

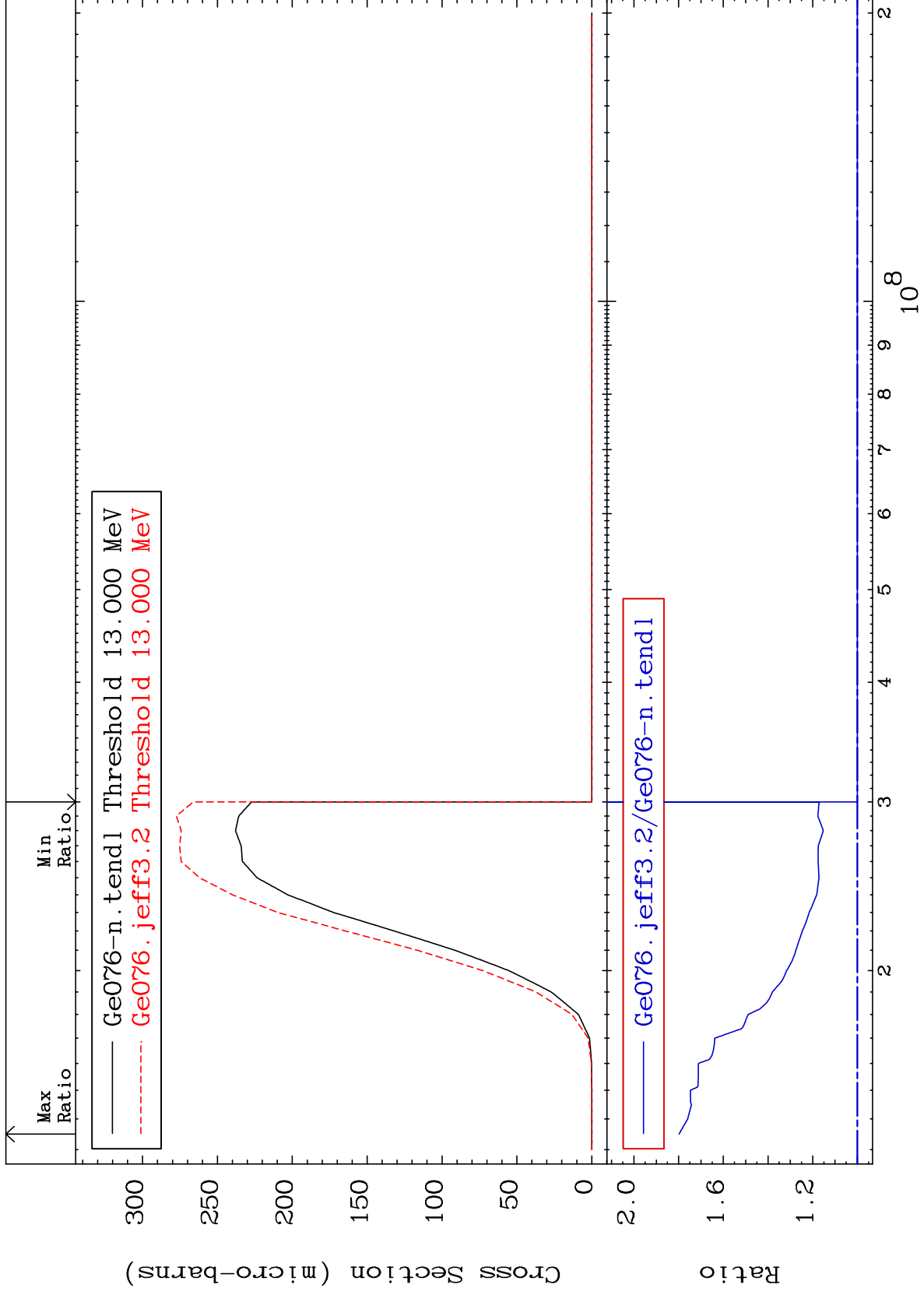


MAT 3243

(n, t) : 31-Ga-74m2

32-Ge-76

Radionuclide Production Cross Section 0.000 To 79.82 %



90

Incident Energy (eV)

32-Ge-76