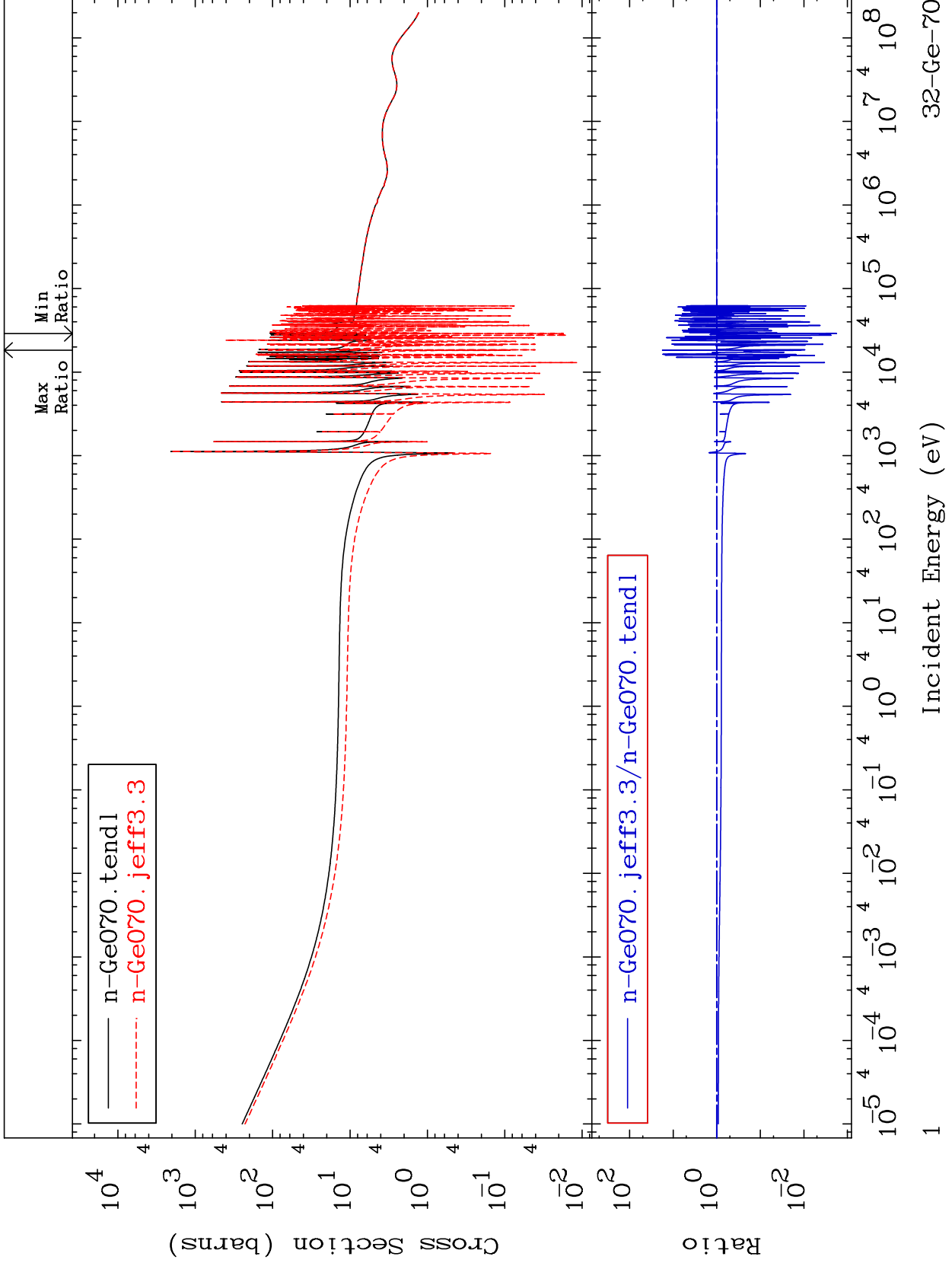


MAT 3225

Total
Cross Section

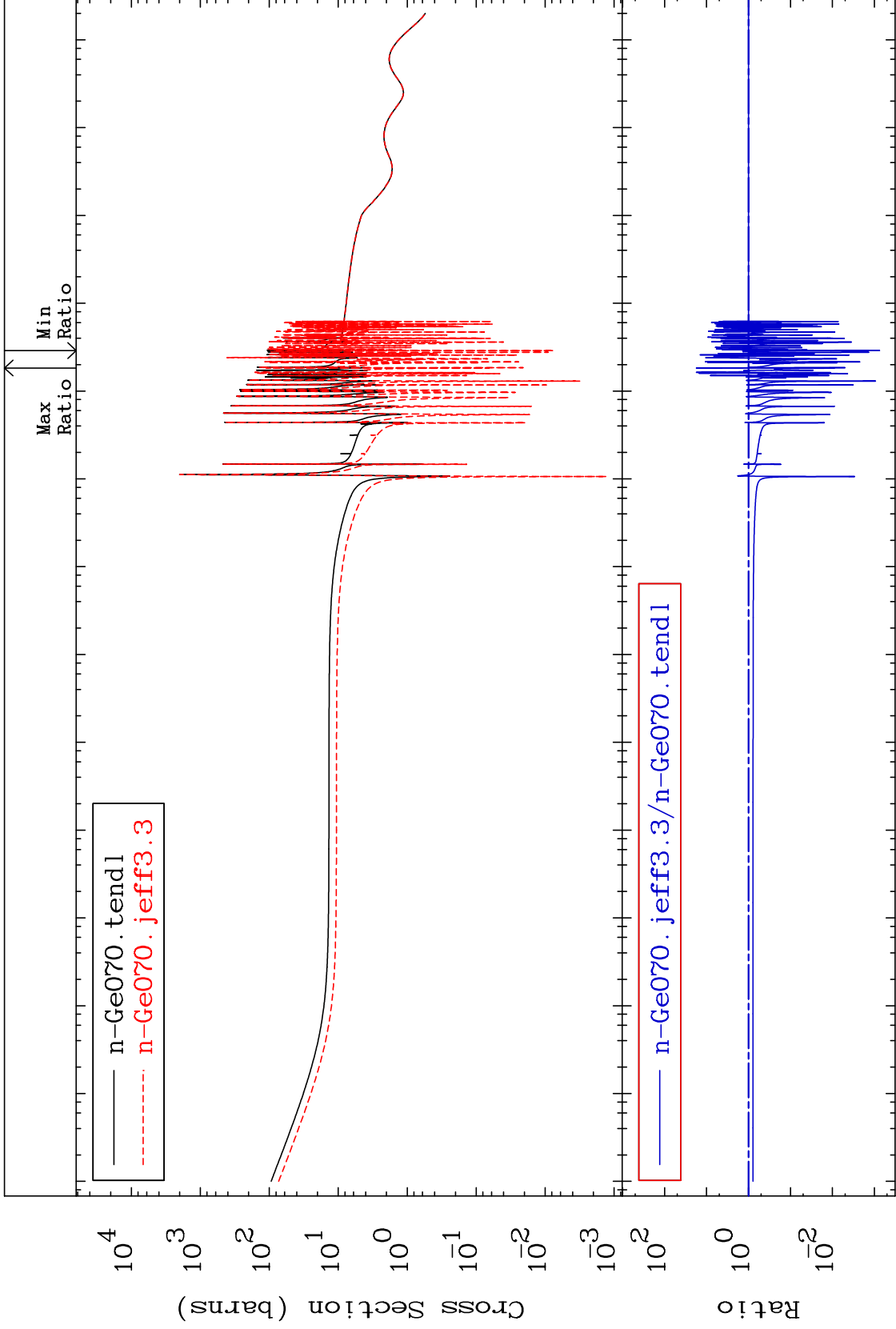
³²Ge-70
-99.82 To 1677. %



MAT 3225

Elastic
Cross Section

³²Ge-70
-99.92 To 1656. %



Incident Energy (eV)

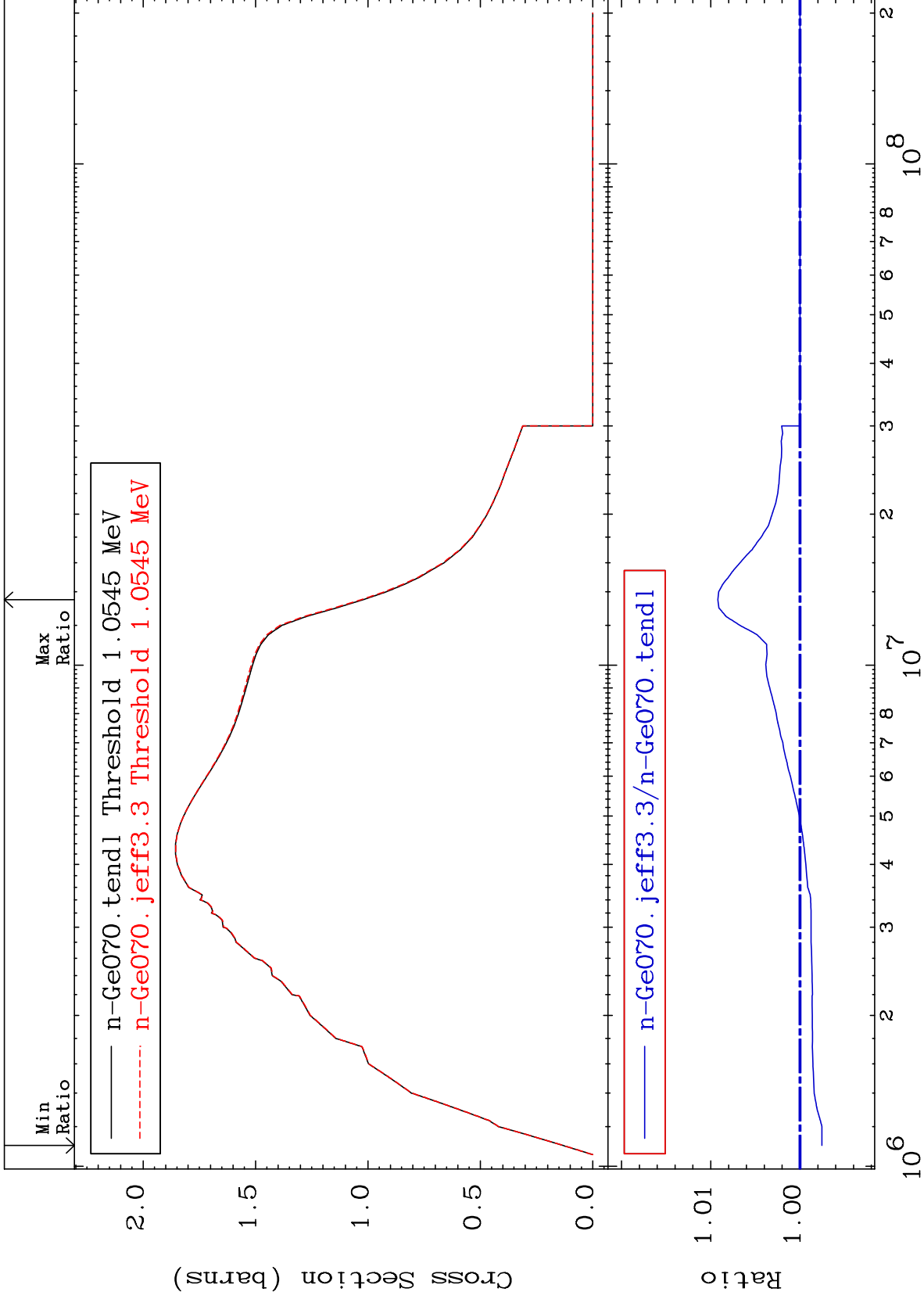
2

³²Ge-70

MAT 3225

Inelastic
Cross Section

32-Ge-70
-0.245 To 0.920 %



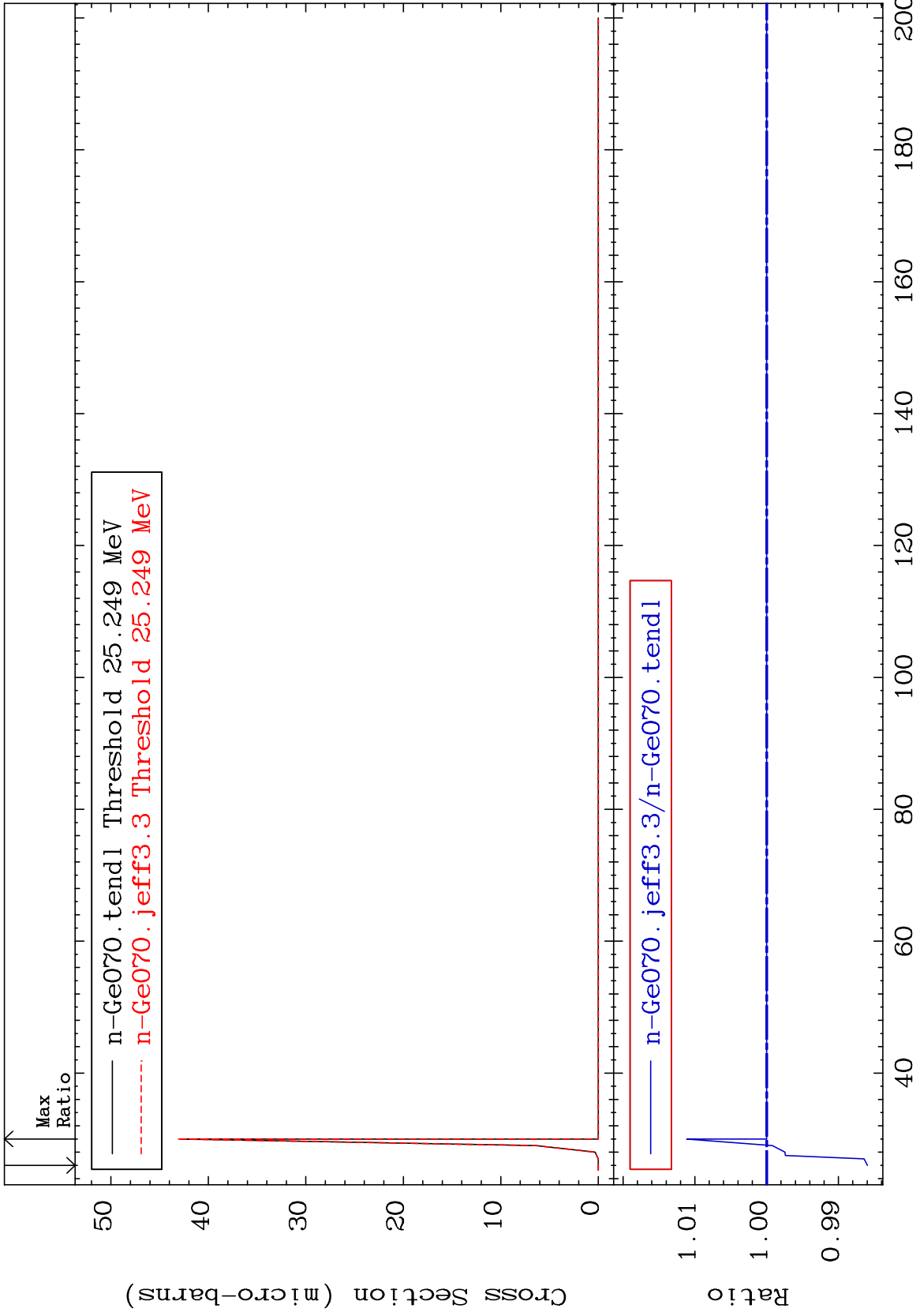
Incident Energy (eV)

32-Ge-70

MAT 3225

(n,2n) d
Cross Section

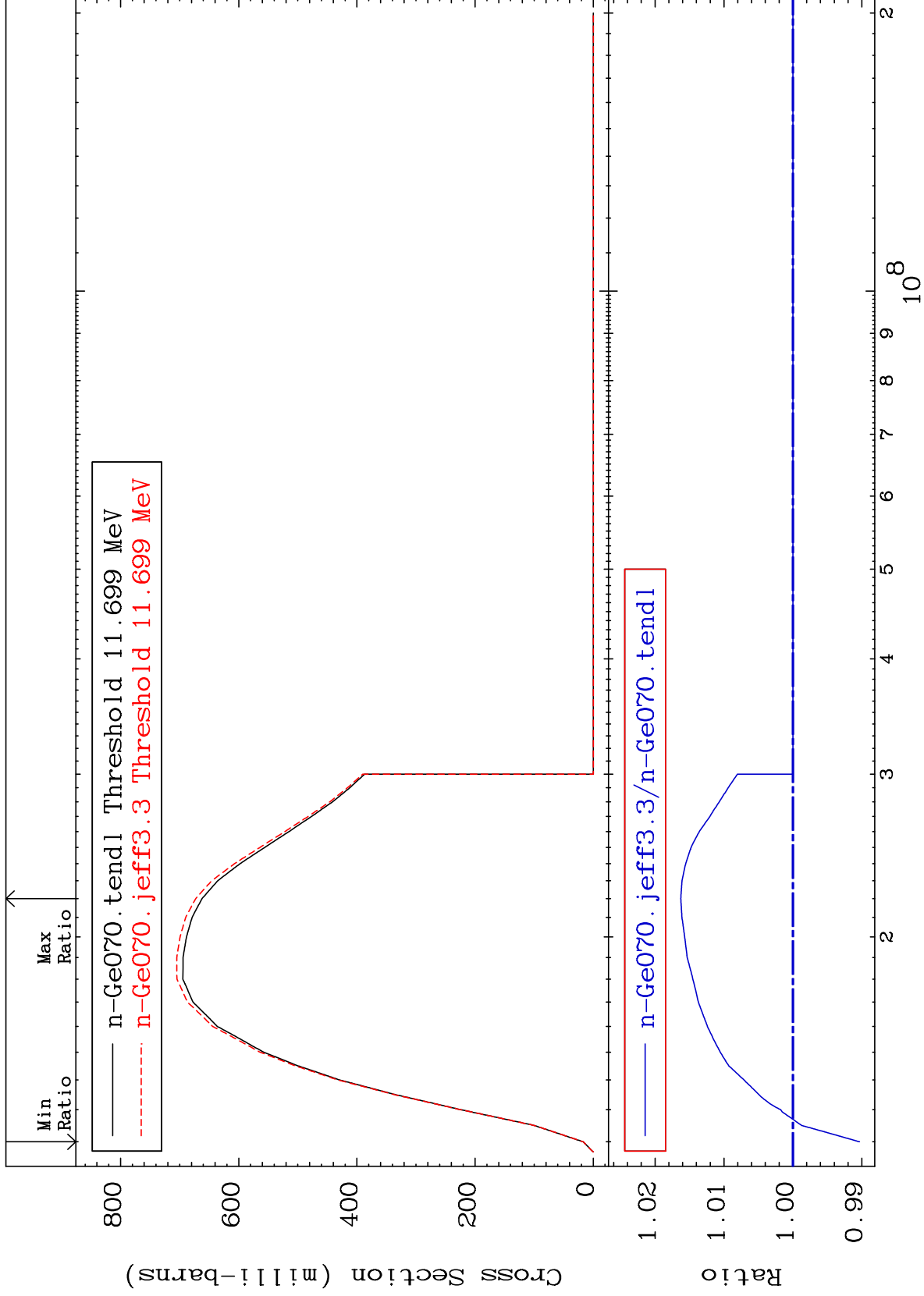
32-Ge-70
-1.404 To 1.114 %



MAT 3225

(n,2n)
Cross Section

³²Ge-70
-0.967 To 1.627 %



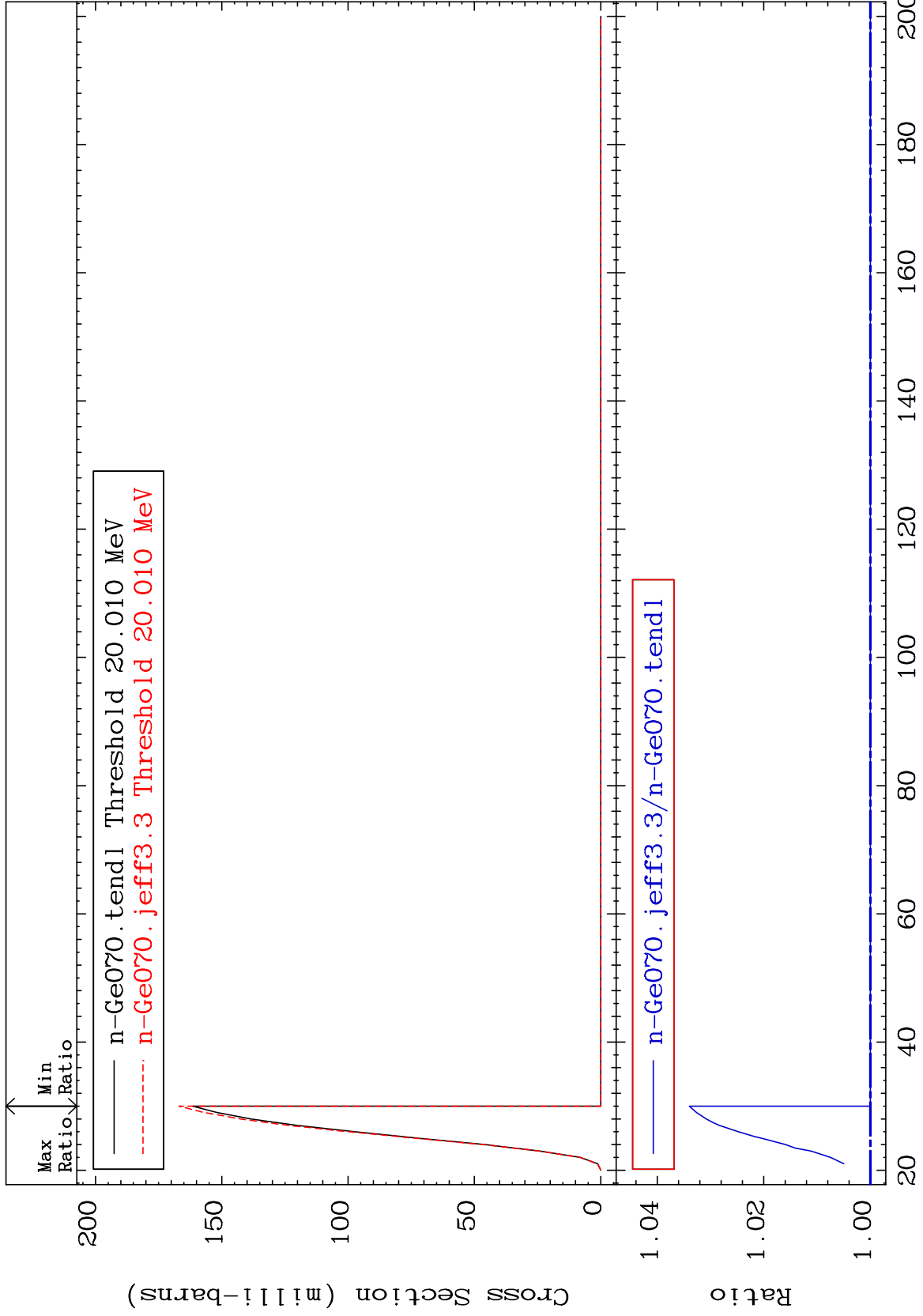
MAT 3225

(n,3n)

³²Ge-70

Cross Section

0.000 To 3.397 %



³²Ge-70

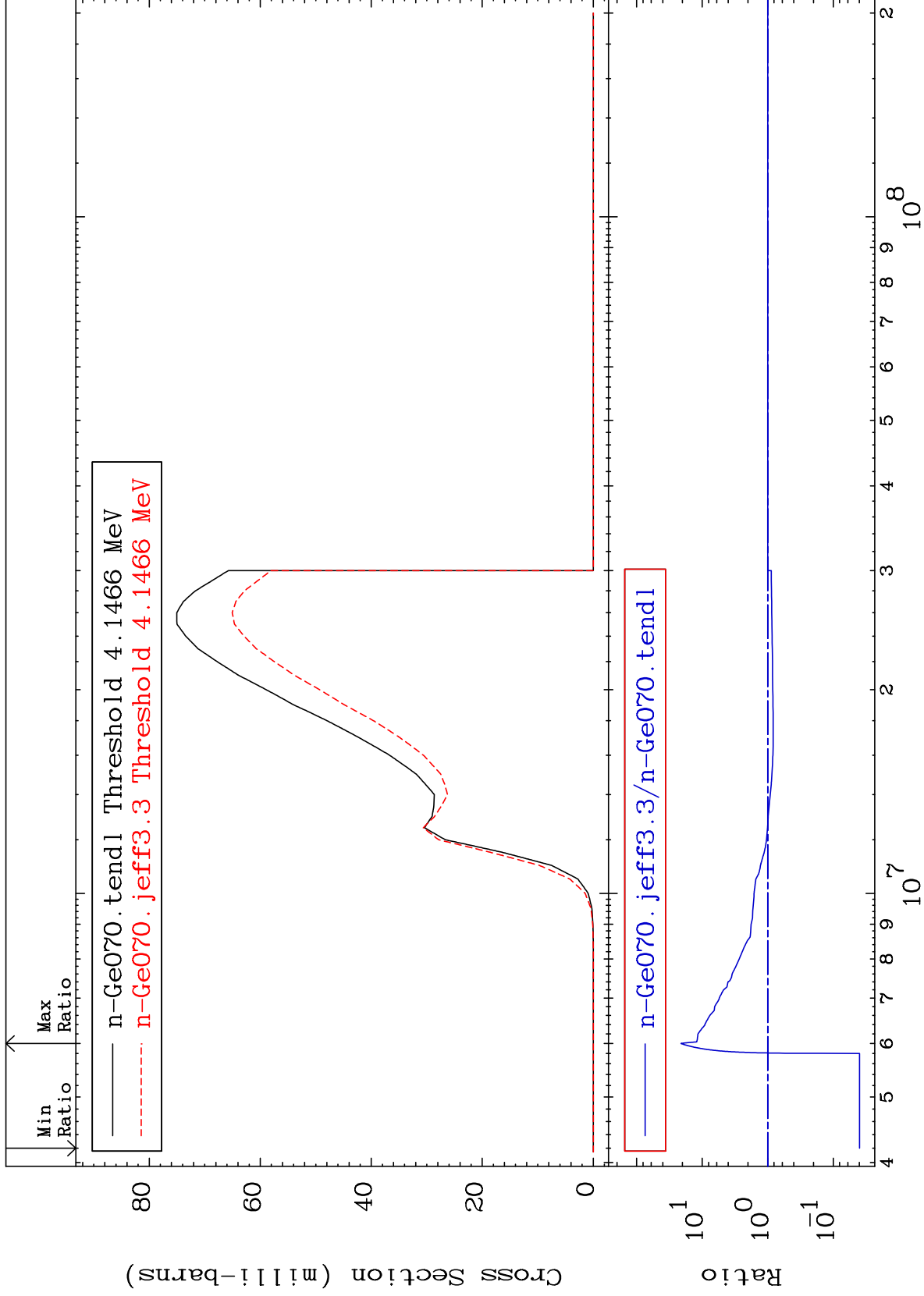
Incident Energy (MeV)

6

MAT 3225

(n,n') α
Cross Section

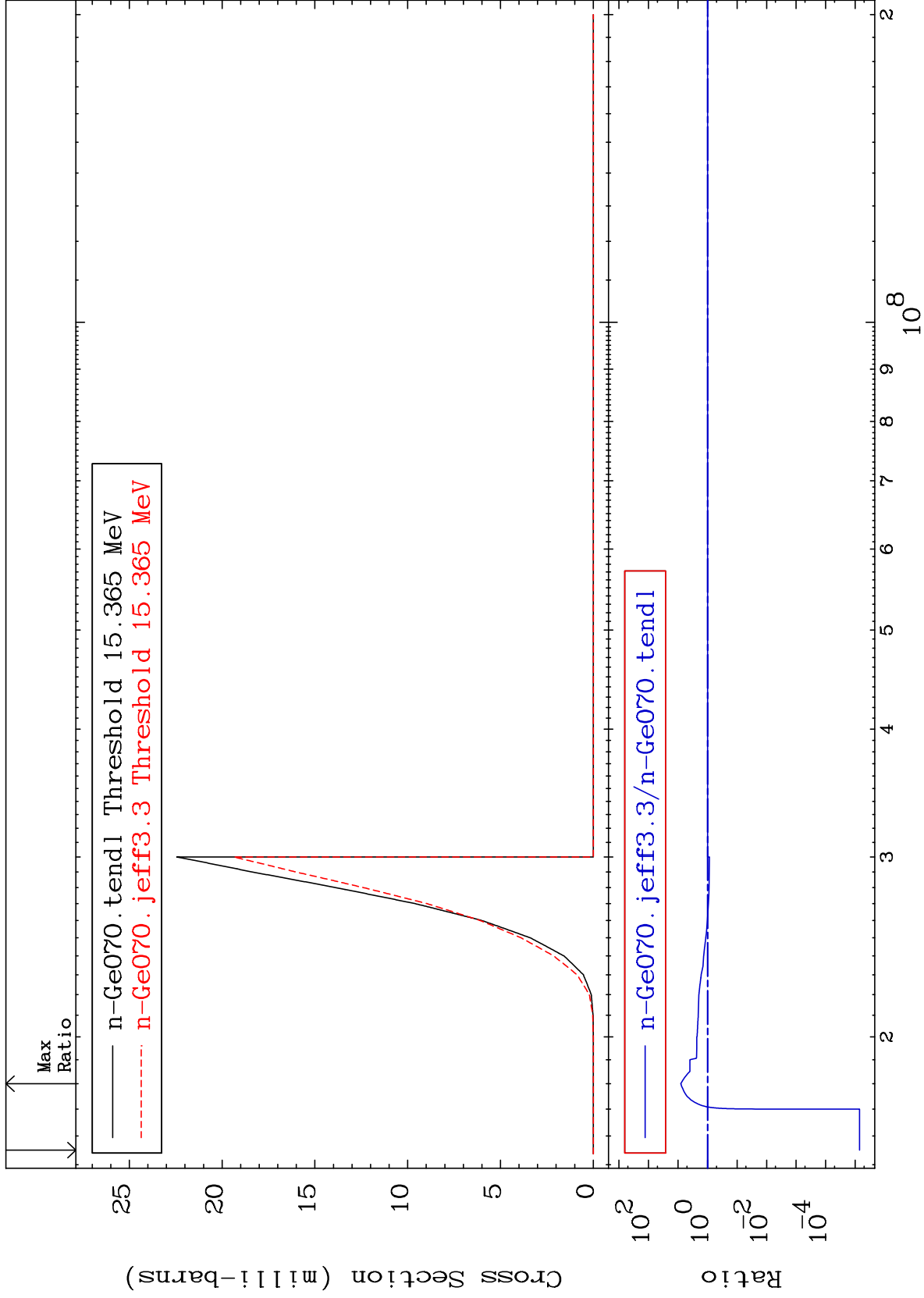
³²Ge-70
-96.03 To 2024. %



MAT 3225

(n,2n) α
Cross Section

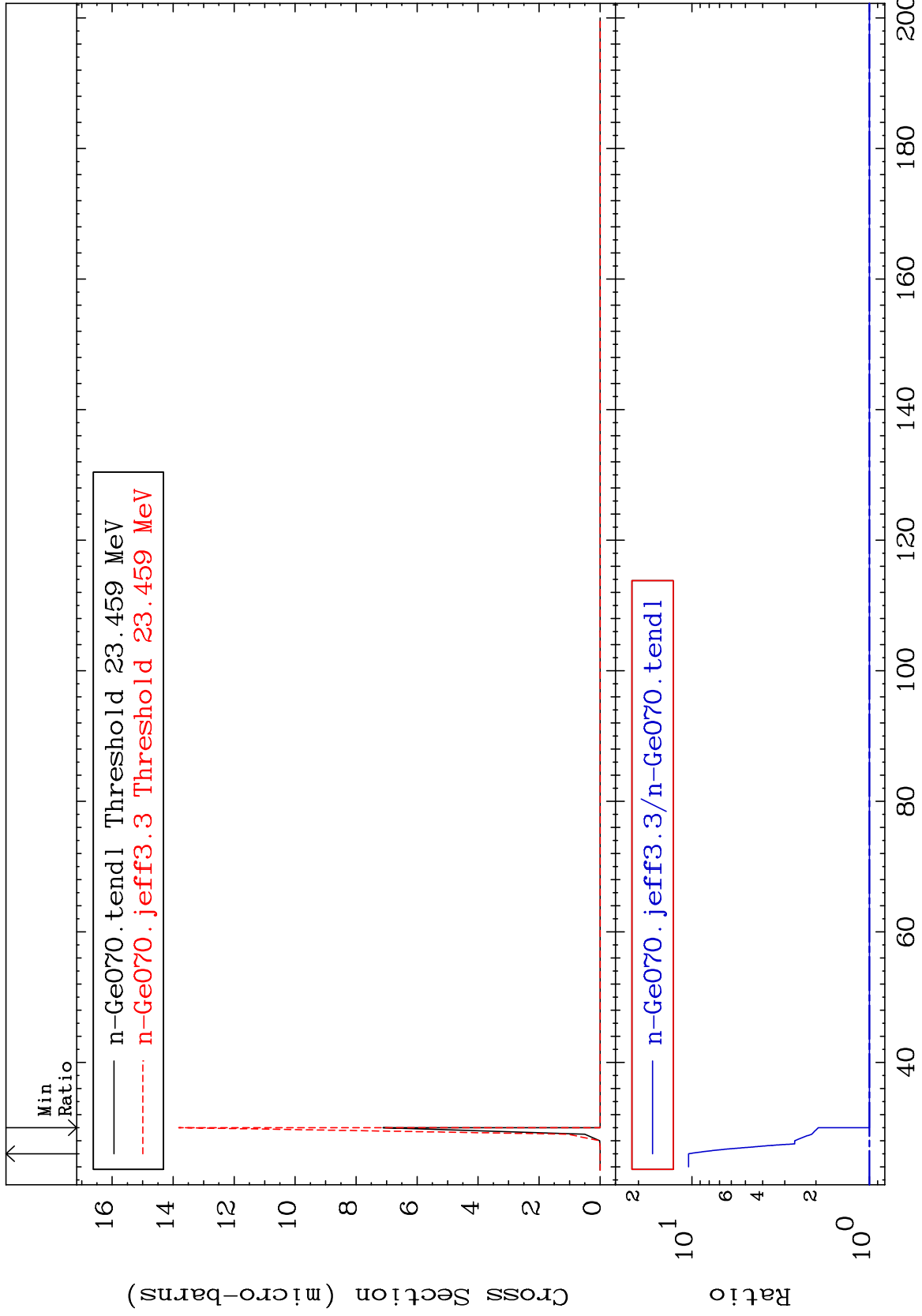
³²Ge-70
-100.0 To 706.7 %



MAT 3225

(n,3n) α
Cross Section

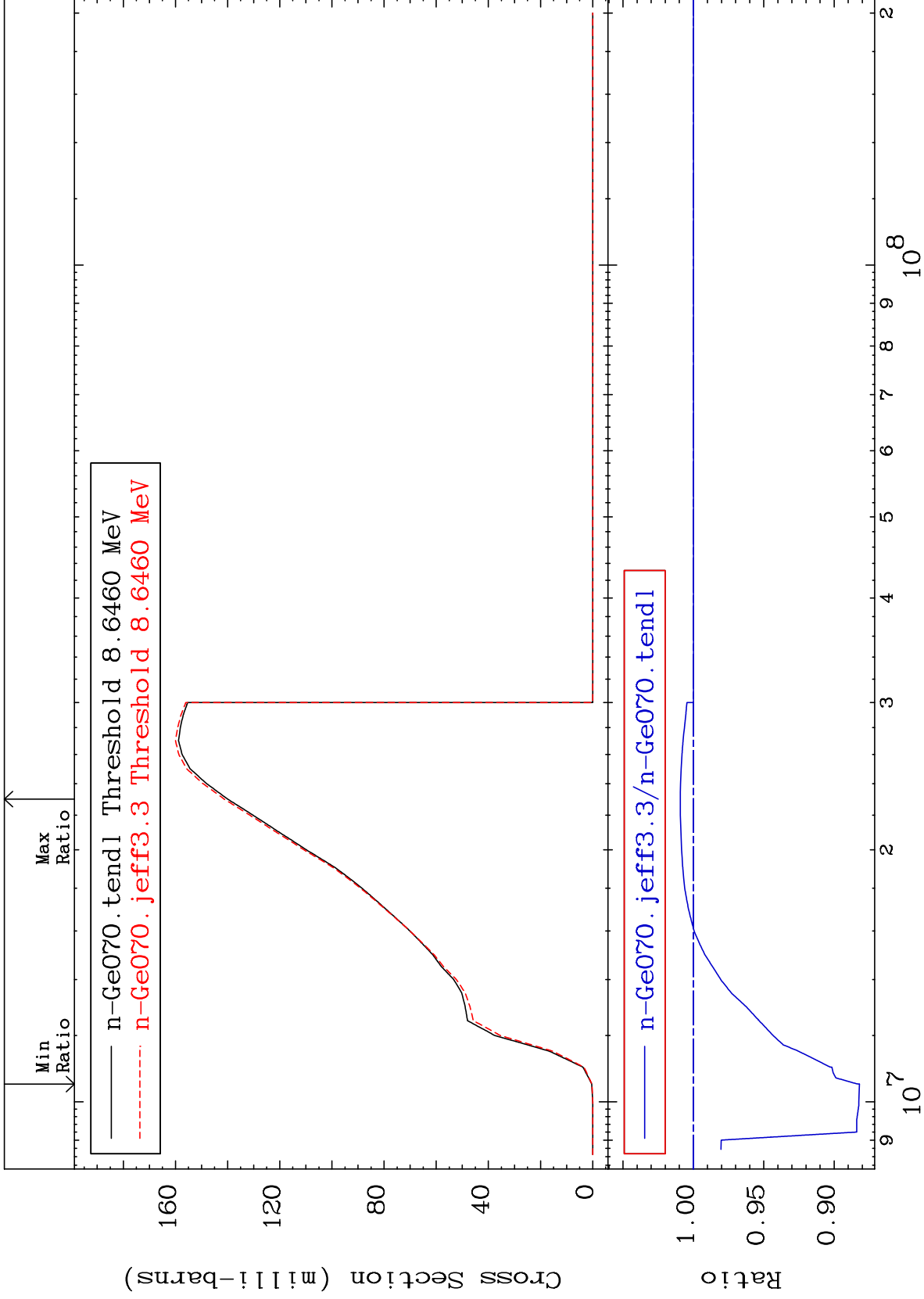
32-Ge-70
0.000 To 944.3 %



MAT 3225

(n,n') p
Cross Section

³²-Ge-70
-11.79 To 0.925 %



10

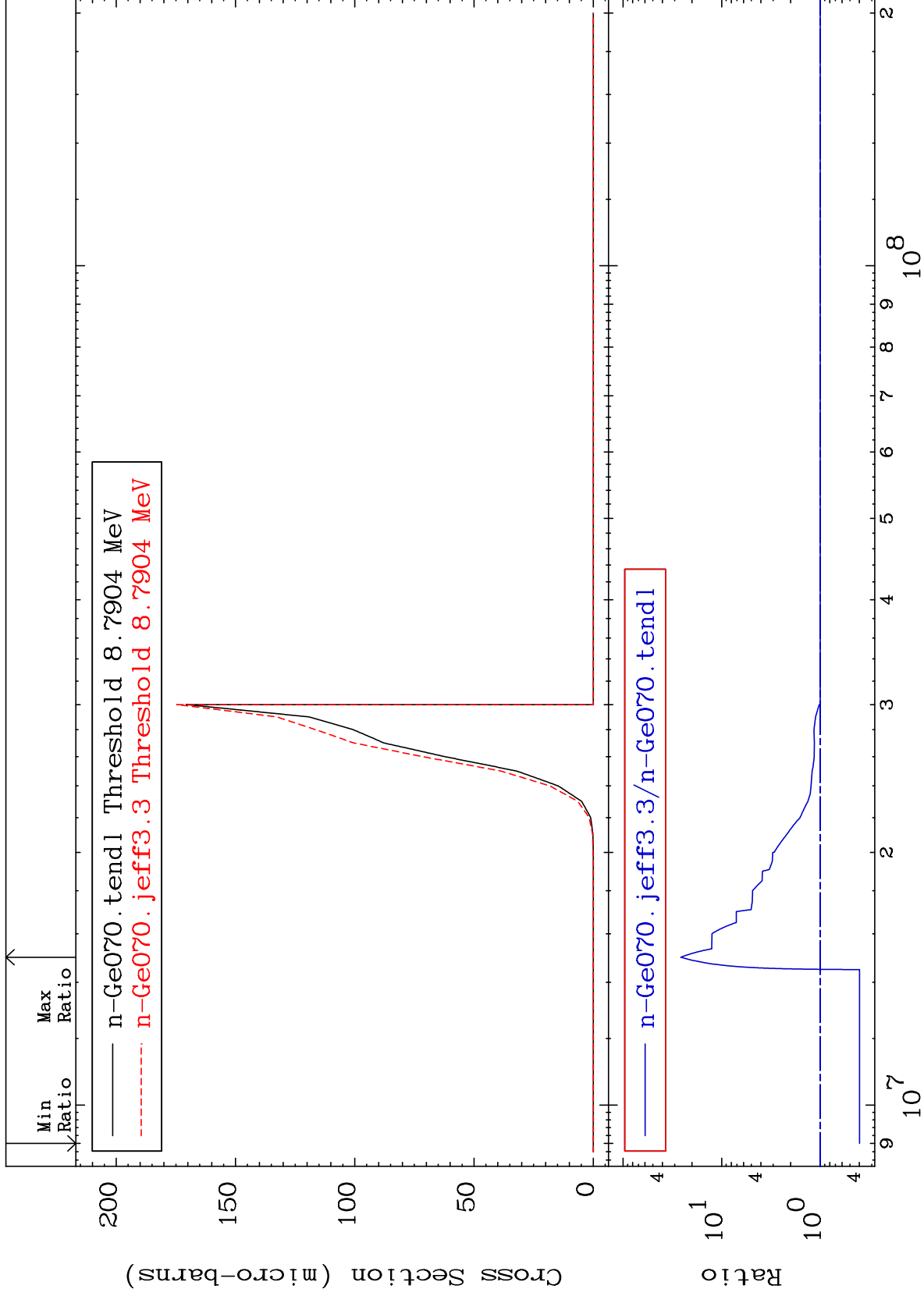
Incident Energy (eV)

³²-Ge-70

MAT 3225

(n, n') 2α
Cross Section

32-Ge-70
-60.11 To 2499. %



11

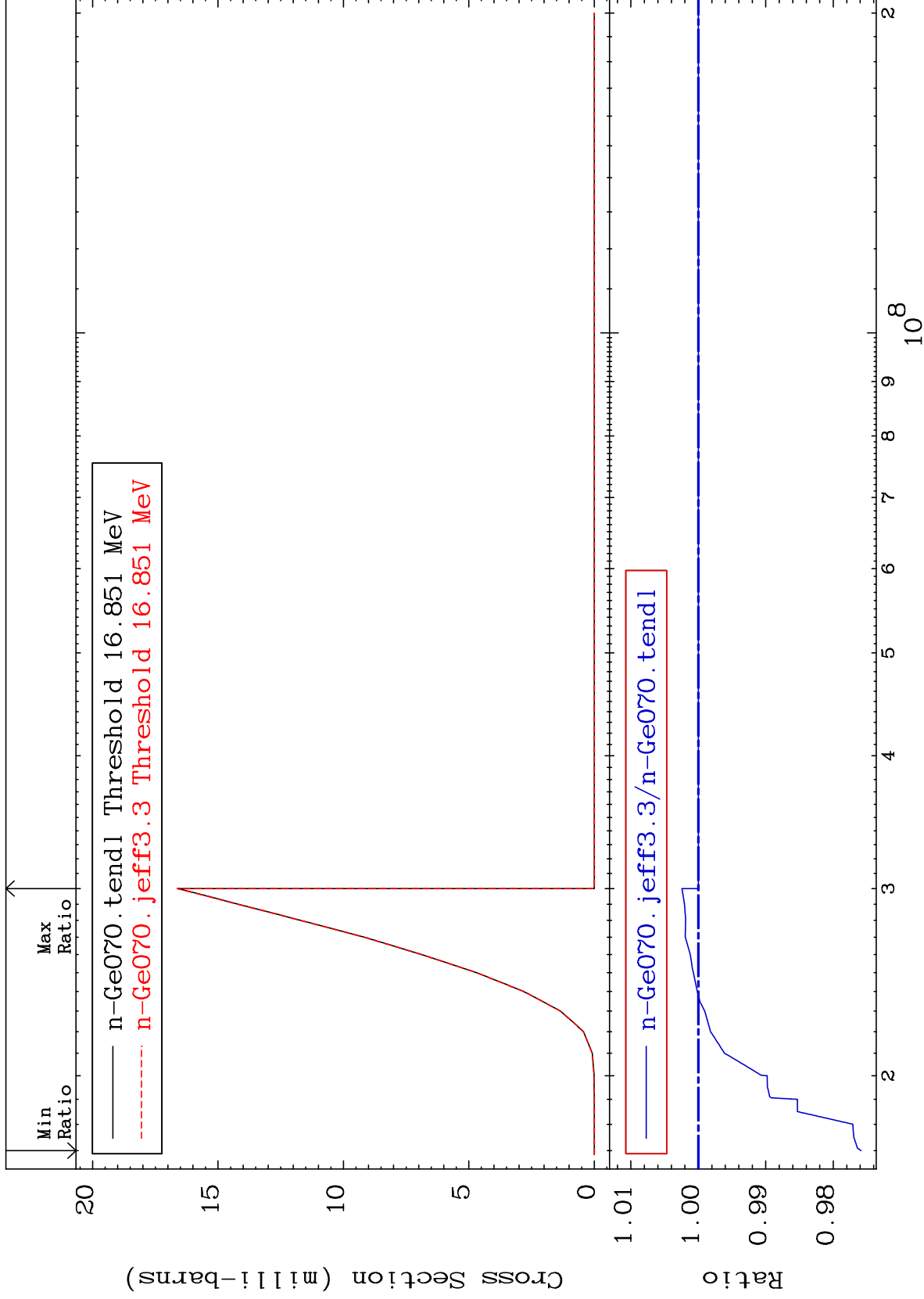
Incident Energy (eV)

32-Ge-70

MAT 3225

(n,n') d
Cross Section

³²Ge-70
-2.411 To 0.243 %



12

Incident Energy (eV)

³²Ge-70

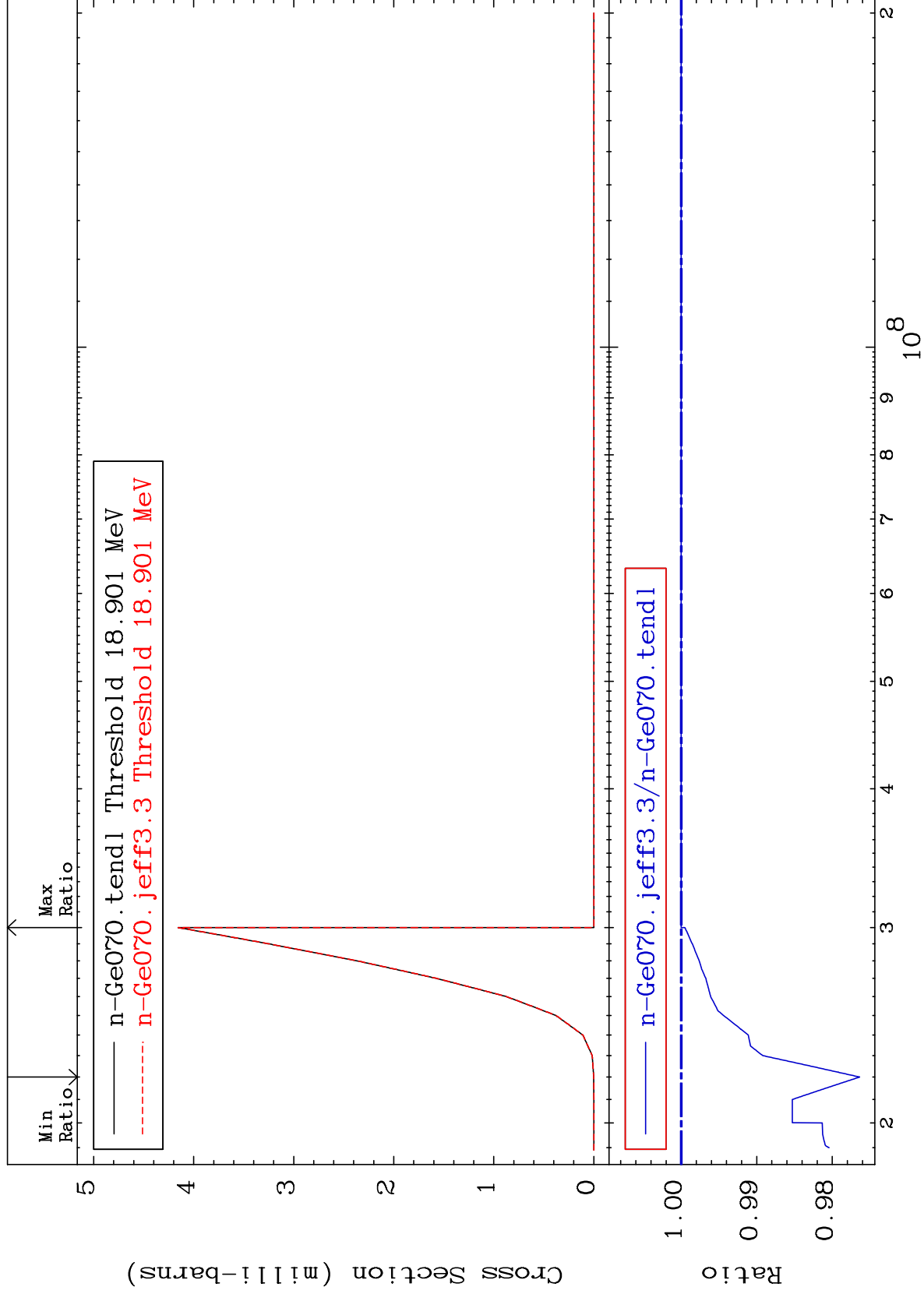
MAT 3225

(n,n') t

³²Ge-70

Cross Section

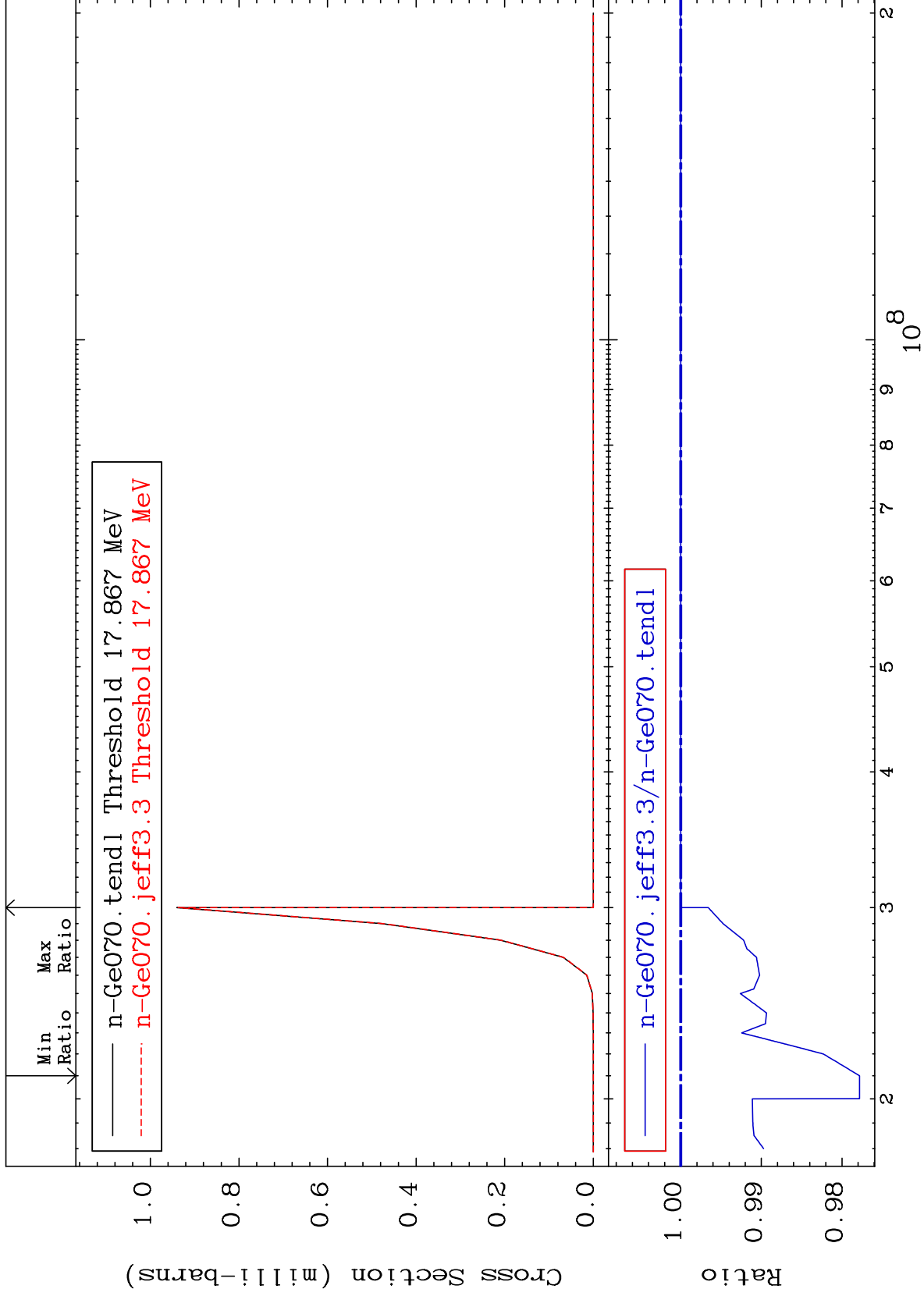
-2.362 To 0.000 %



MAT 3225

(n, n') He-3
Cross Section

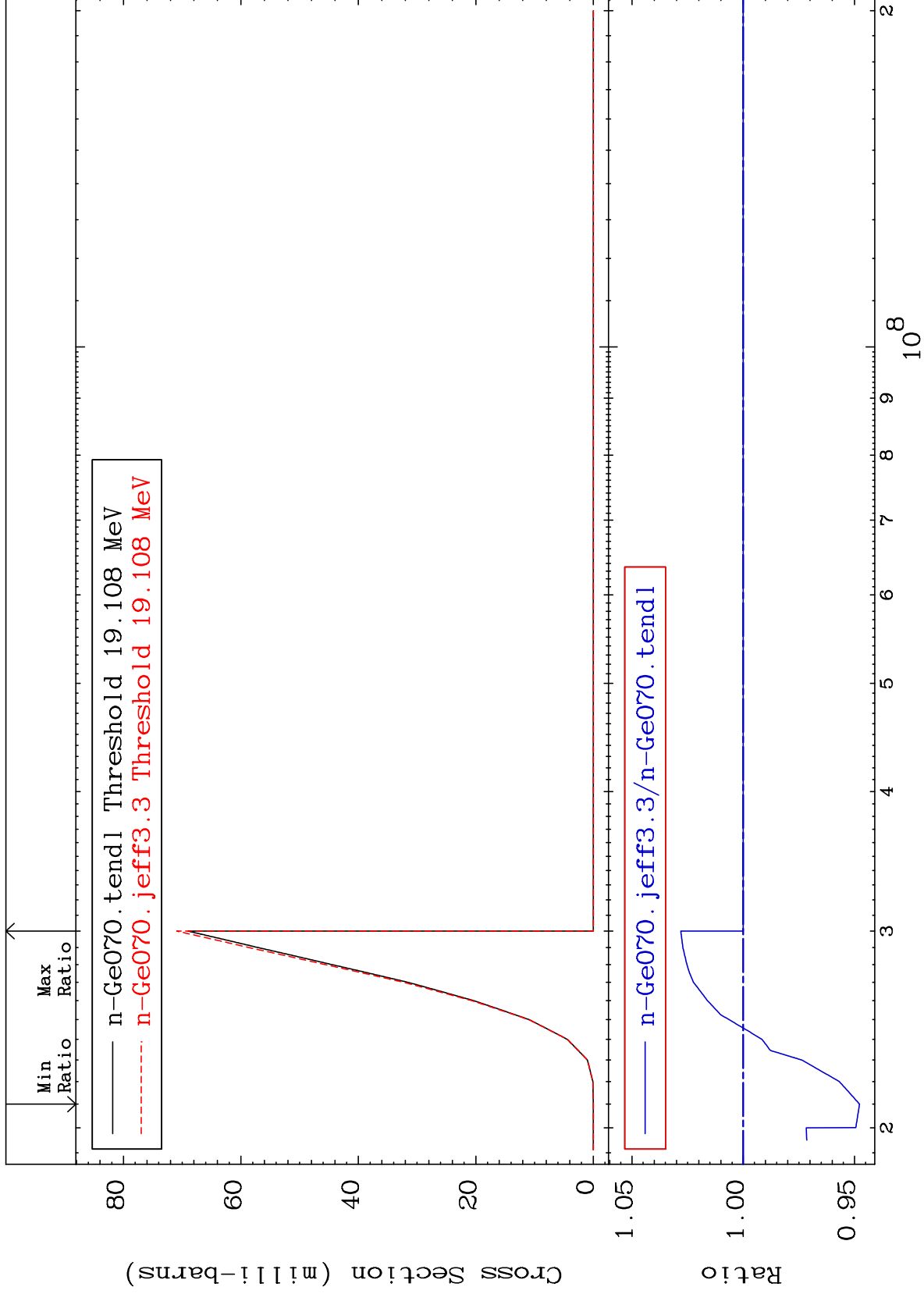
32-Ge-70
-2.218 To 0.000 %



MAT 3225

(n,2n) p
Cross Section

³²Ge-70
-5.225 To 2.807 %



15

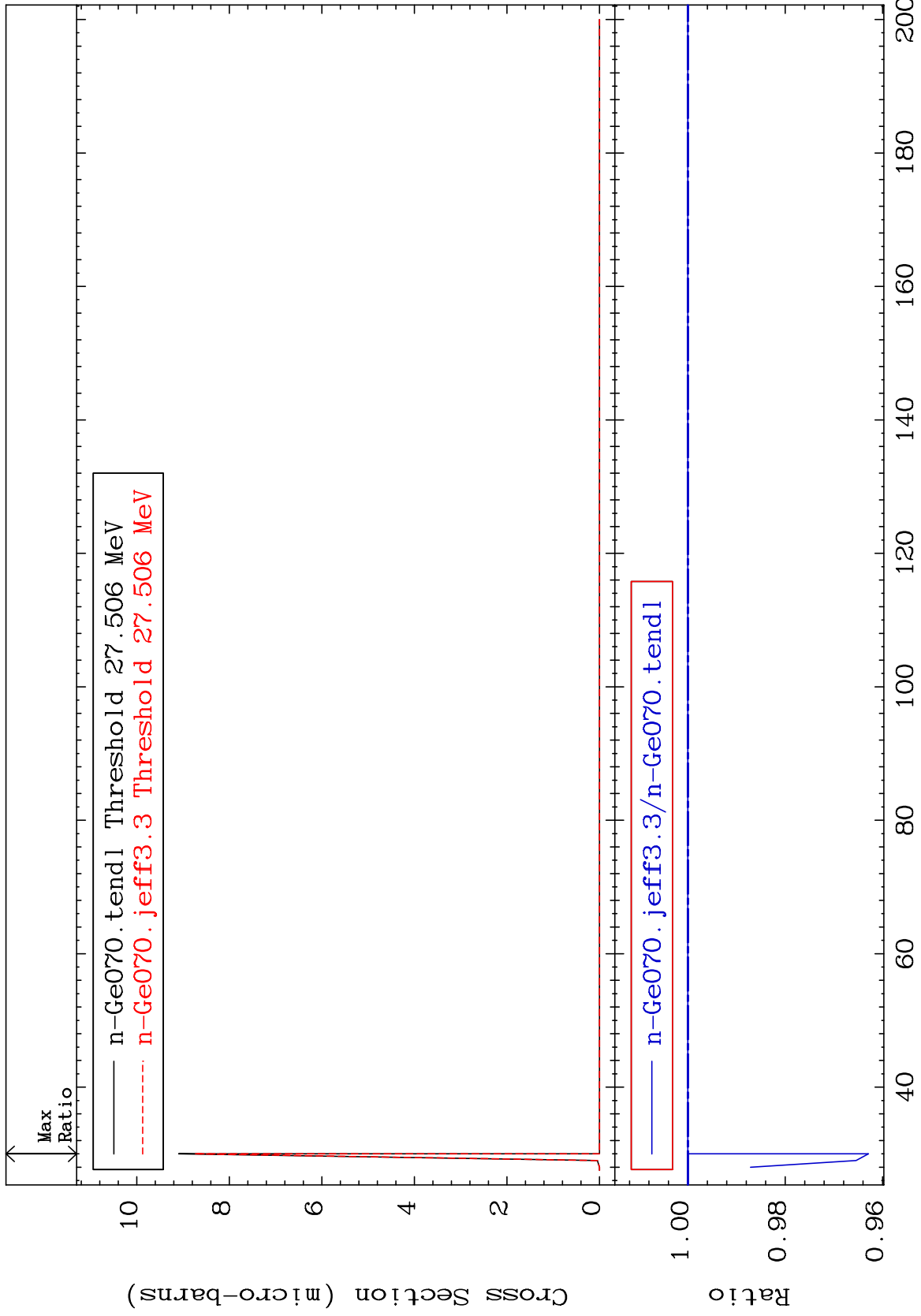
Incident Energy (eV)

³²Ge-70

MAT 3225

(n,3n) p
Cross Section

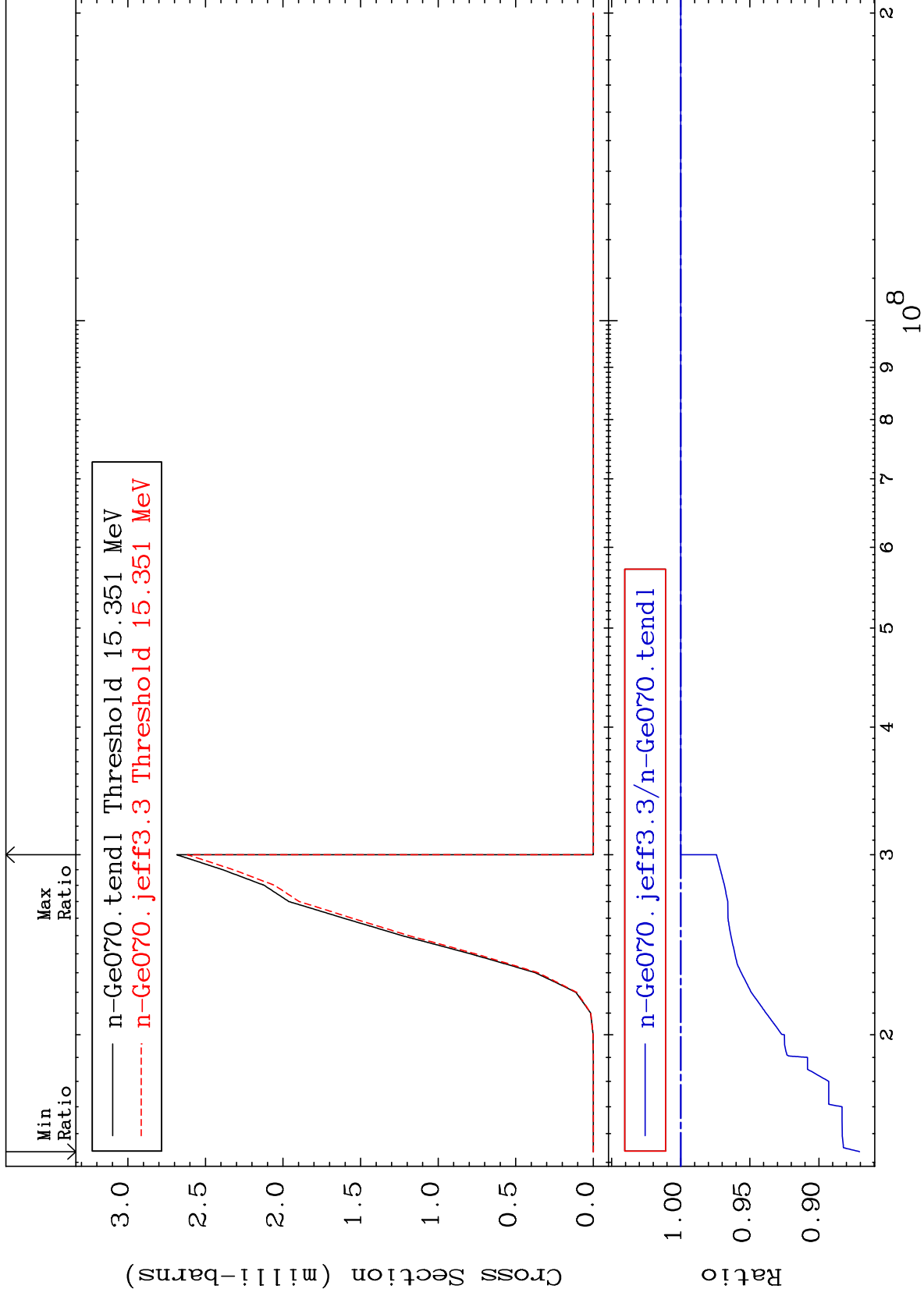
32-Ge-70
-3.711 To 0.000 %



MAT 3225

(n,2n) p
Cross Section

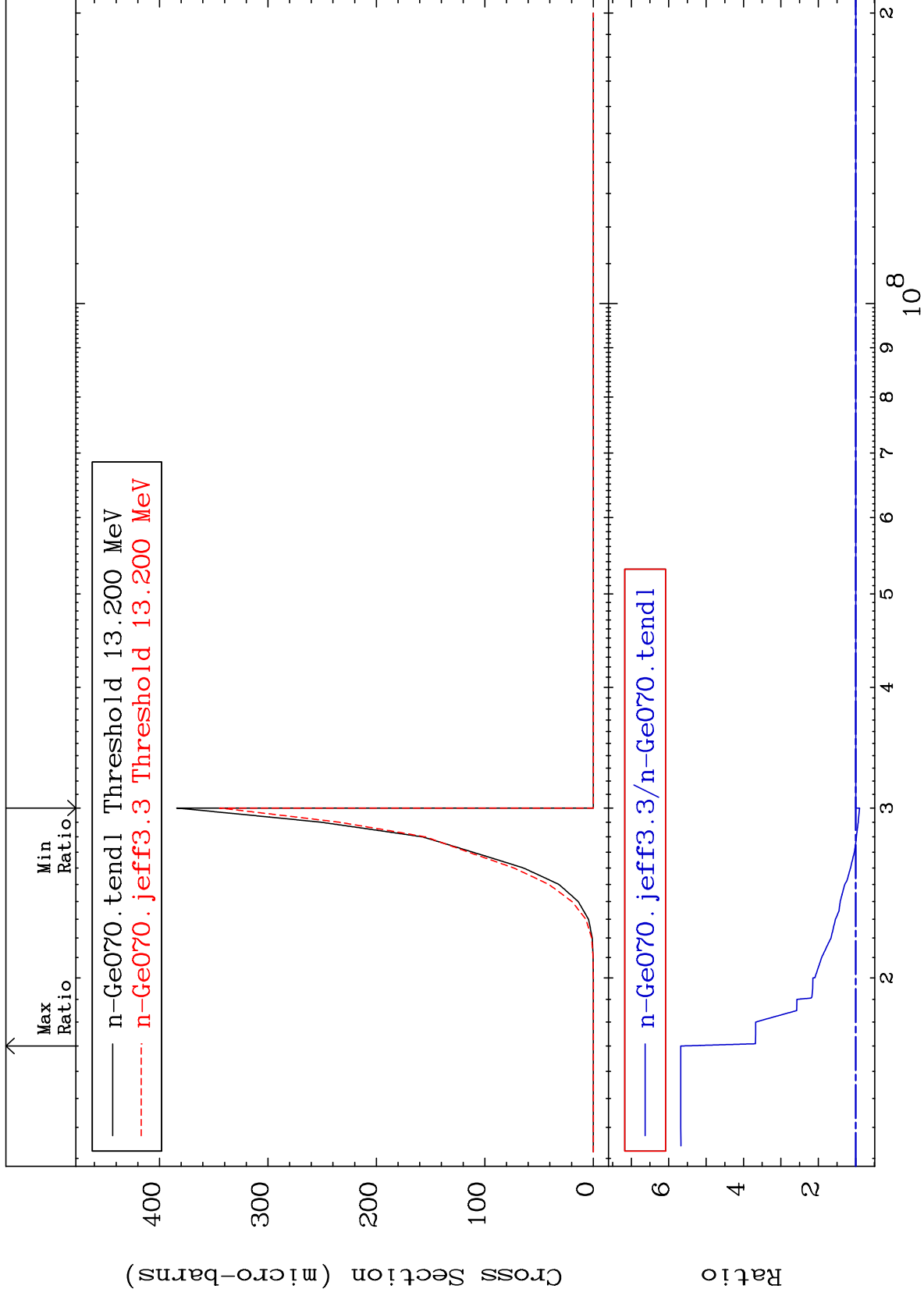
32-Ge-70
-12.94 To 0.000 %



MAT 3225

(n,n') p α
Cross Section

³²Ge-70
-10.30 To 467.7 %



18

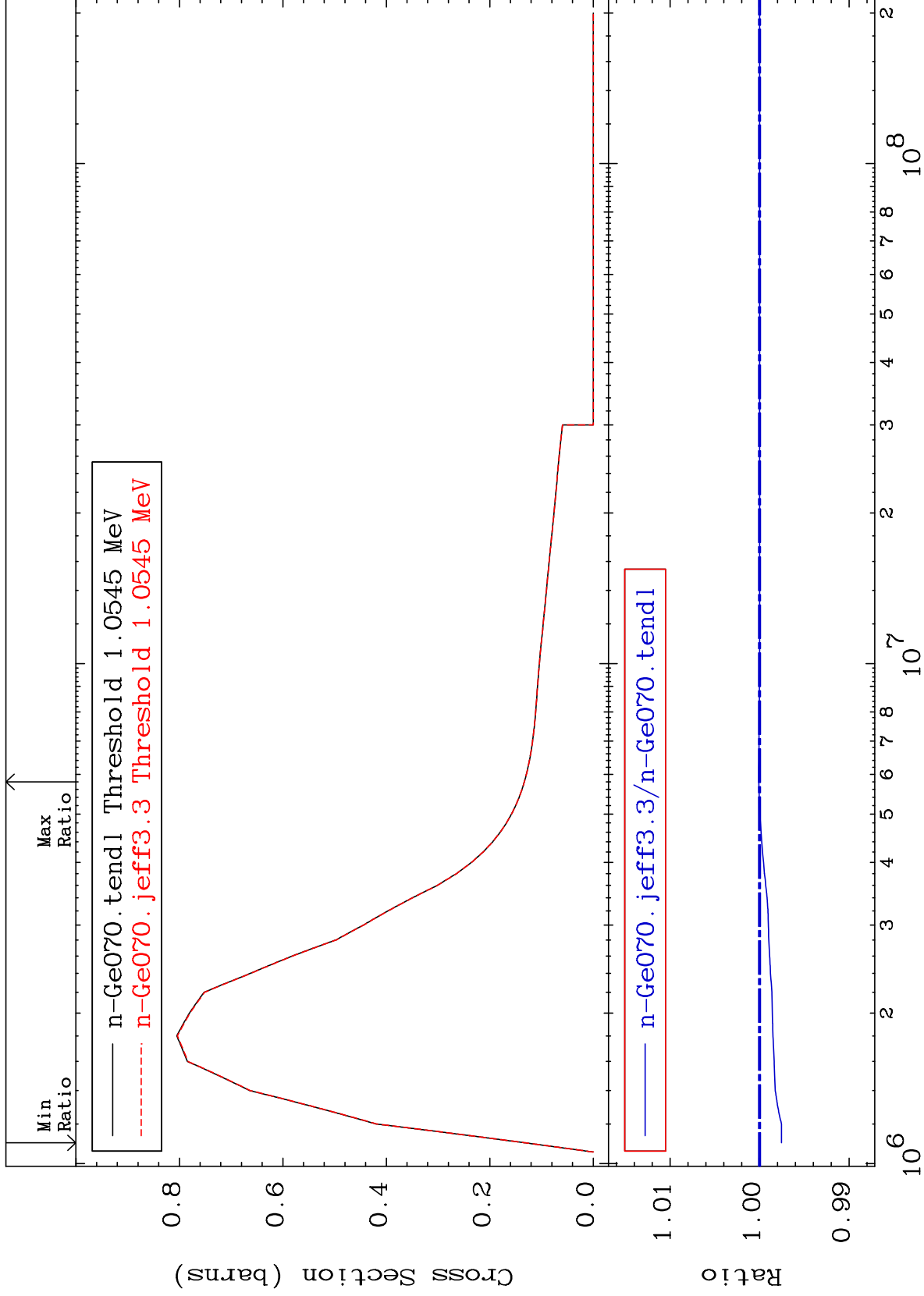
Incident Energy (eV)

³²Ge-70

MAT 3225

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

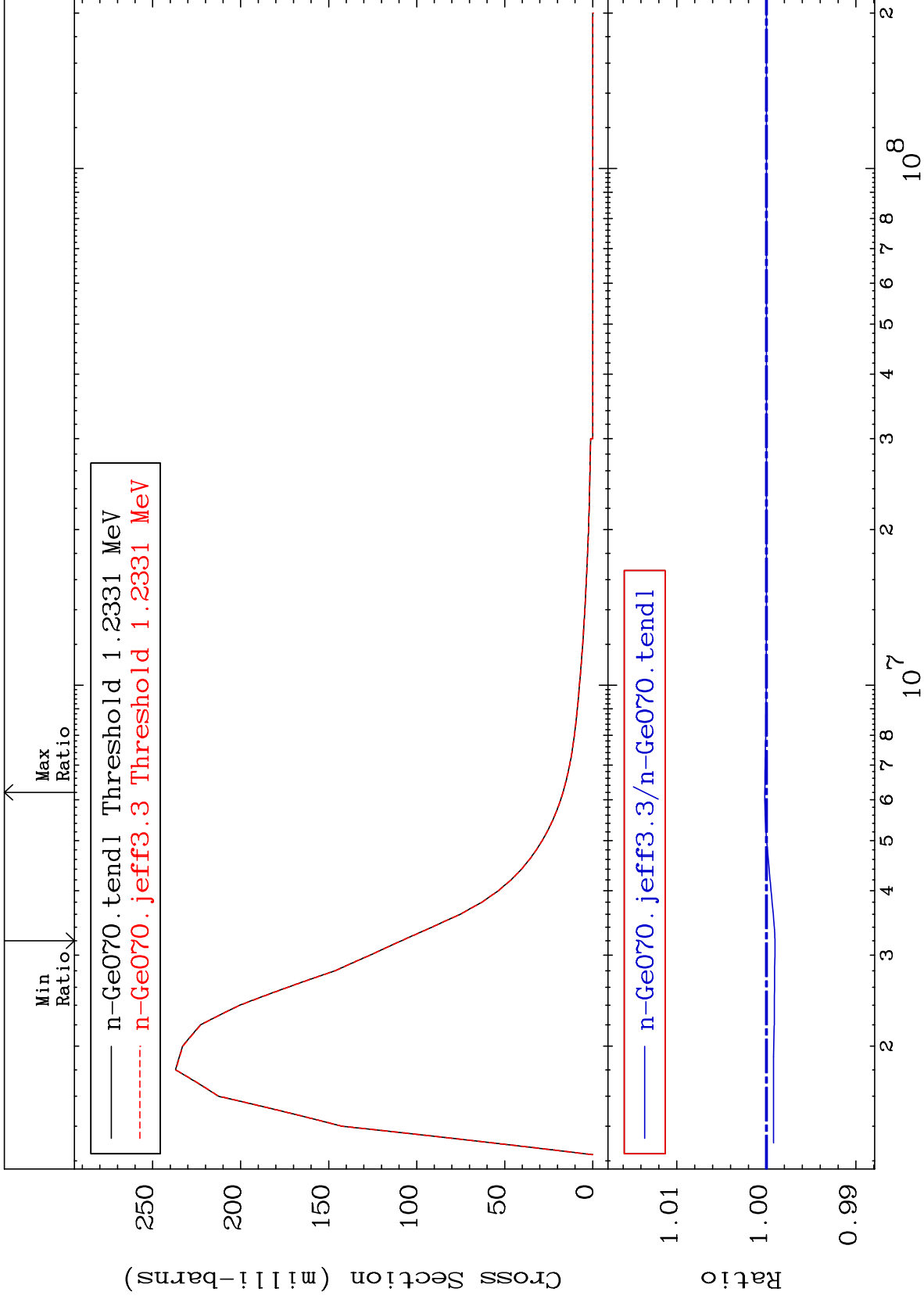
32-Ge-70
-0.245 To 0.008 %



MAT 3225

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

32-Ge-70
-0.096 To 0.018 %



20

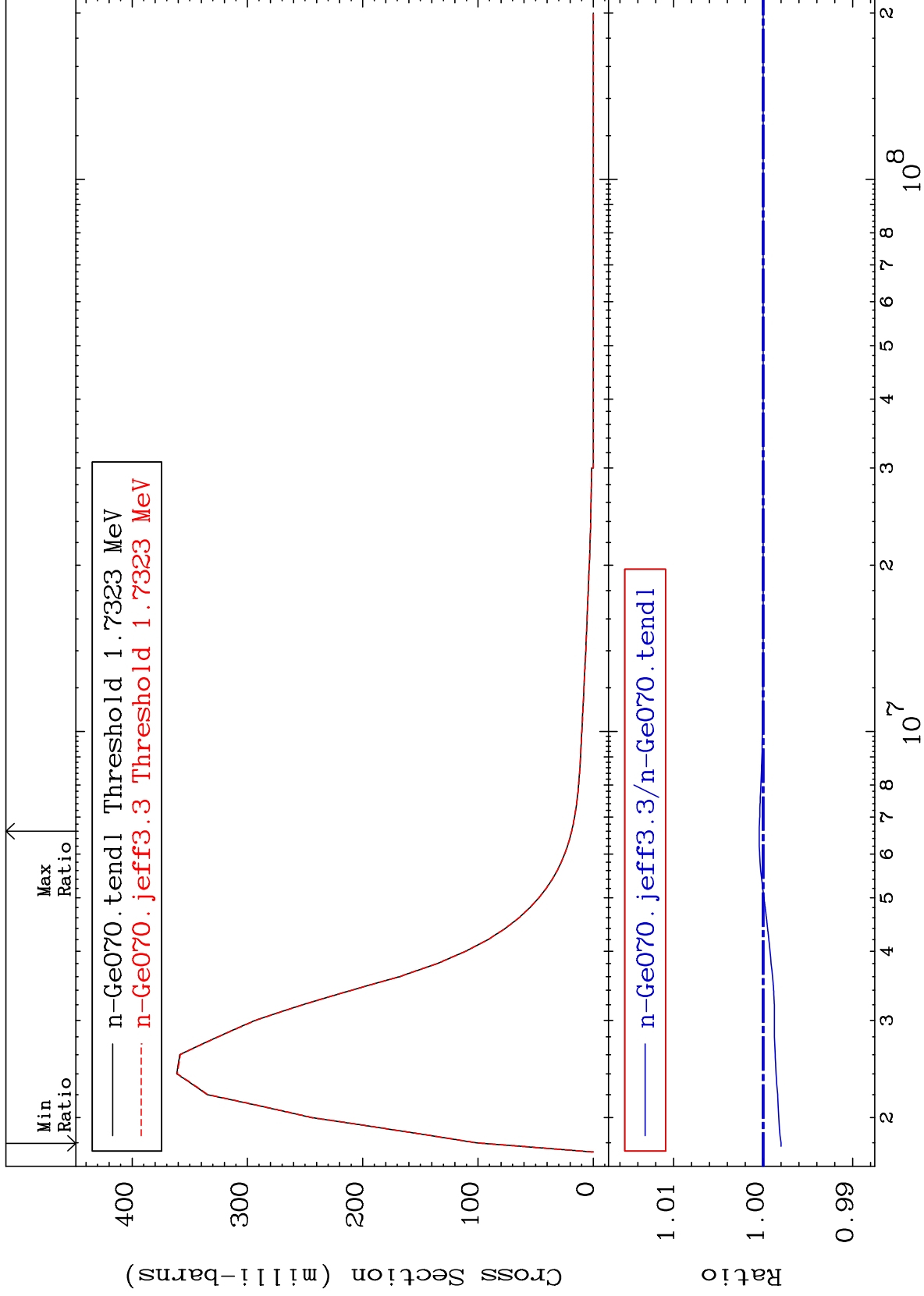
Incident Energy (eV)

32-Ge-70

MAT 3225

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

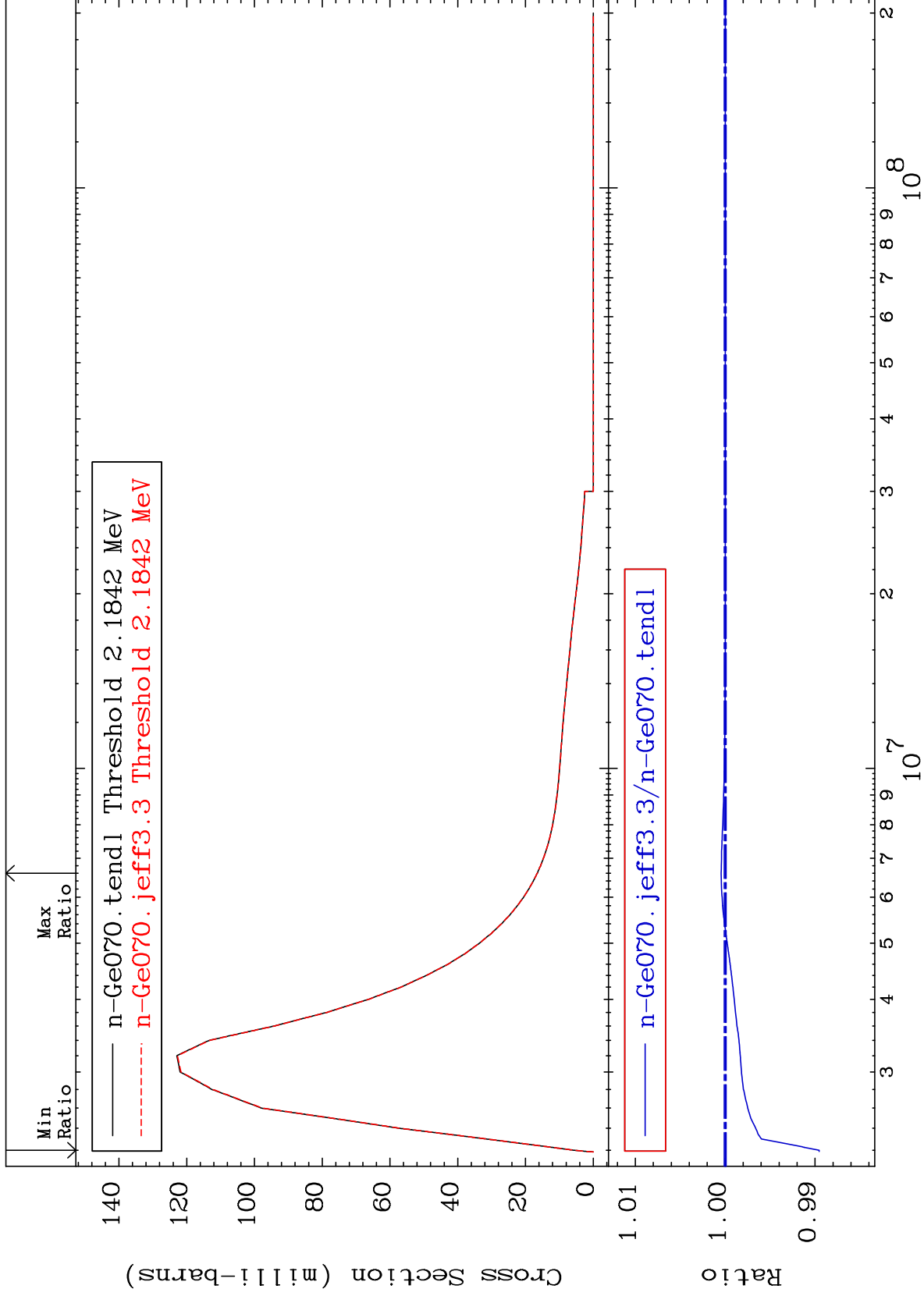
32-Ge-70
-0.201 To 0.044 %

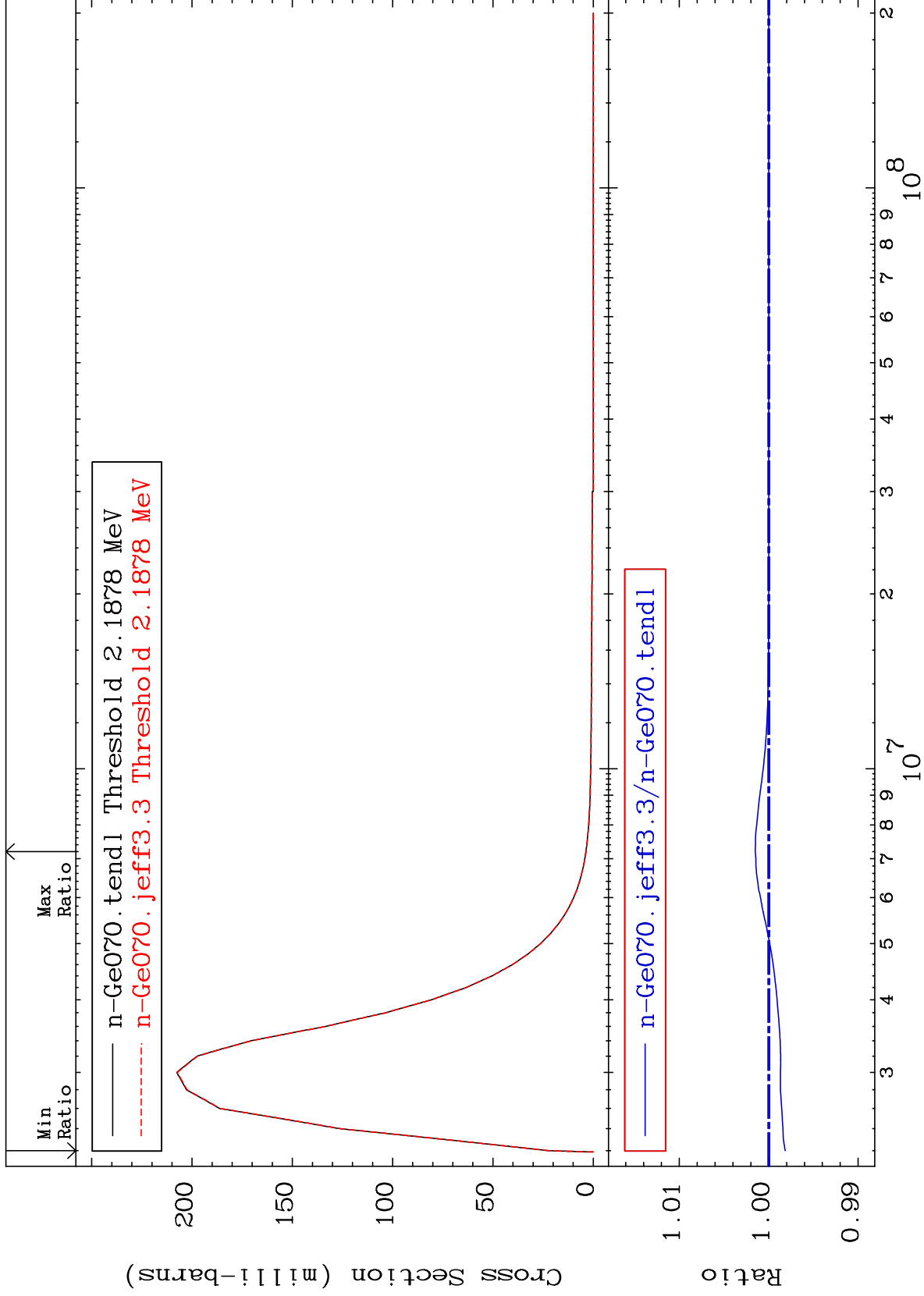


MAT 3225

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

32-Ge-70
-1.045 To 0.045 %

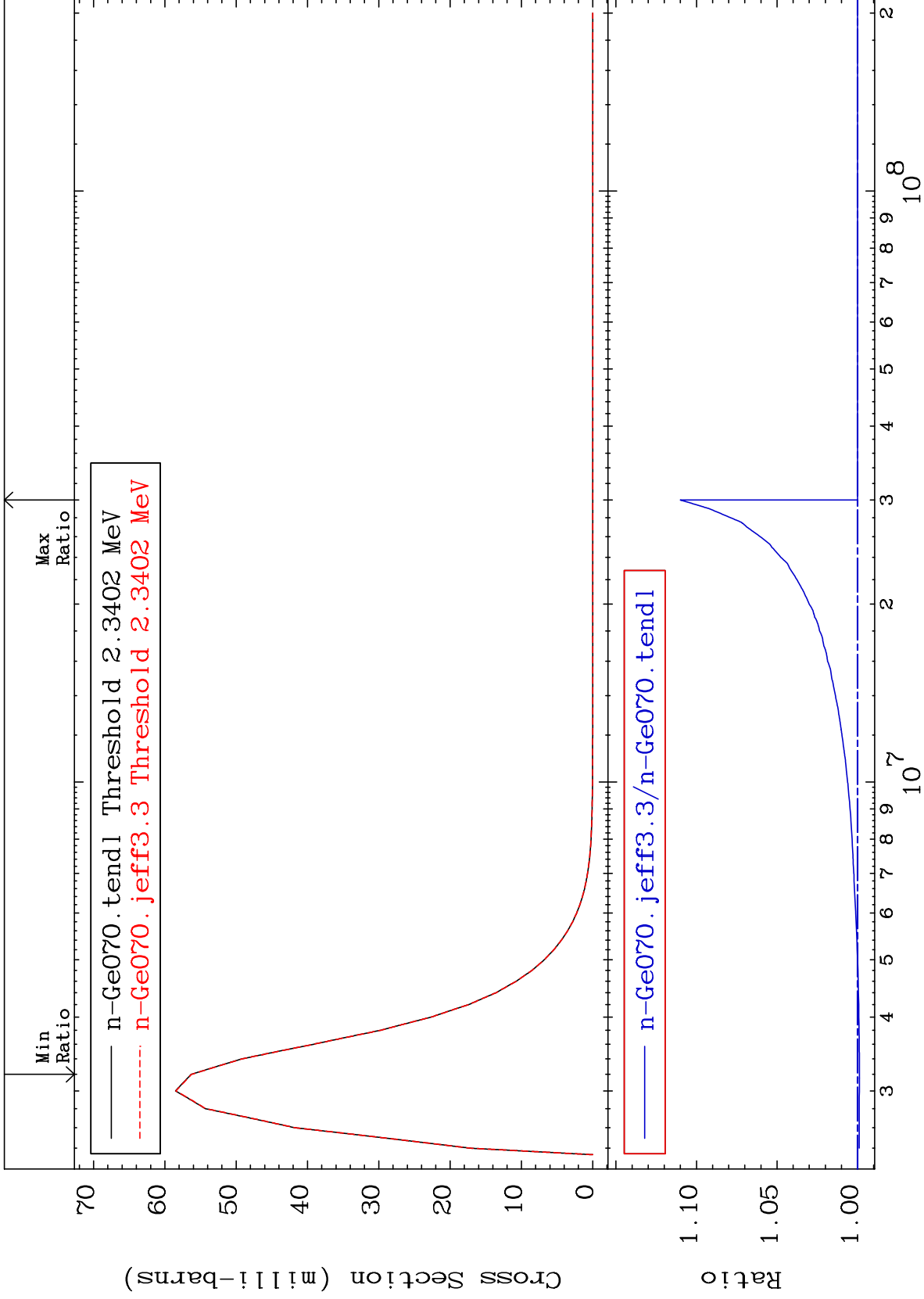




MAT 3225

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

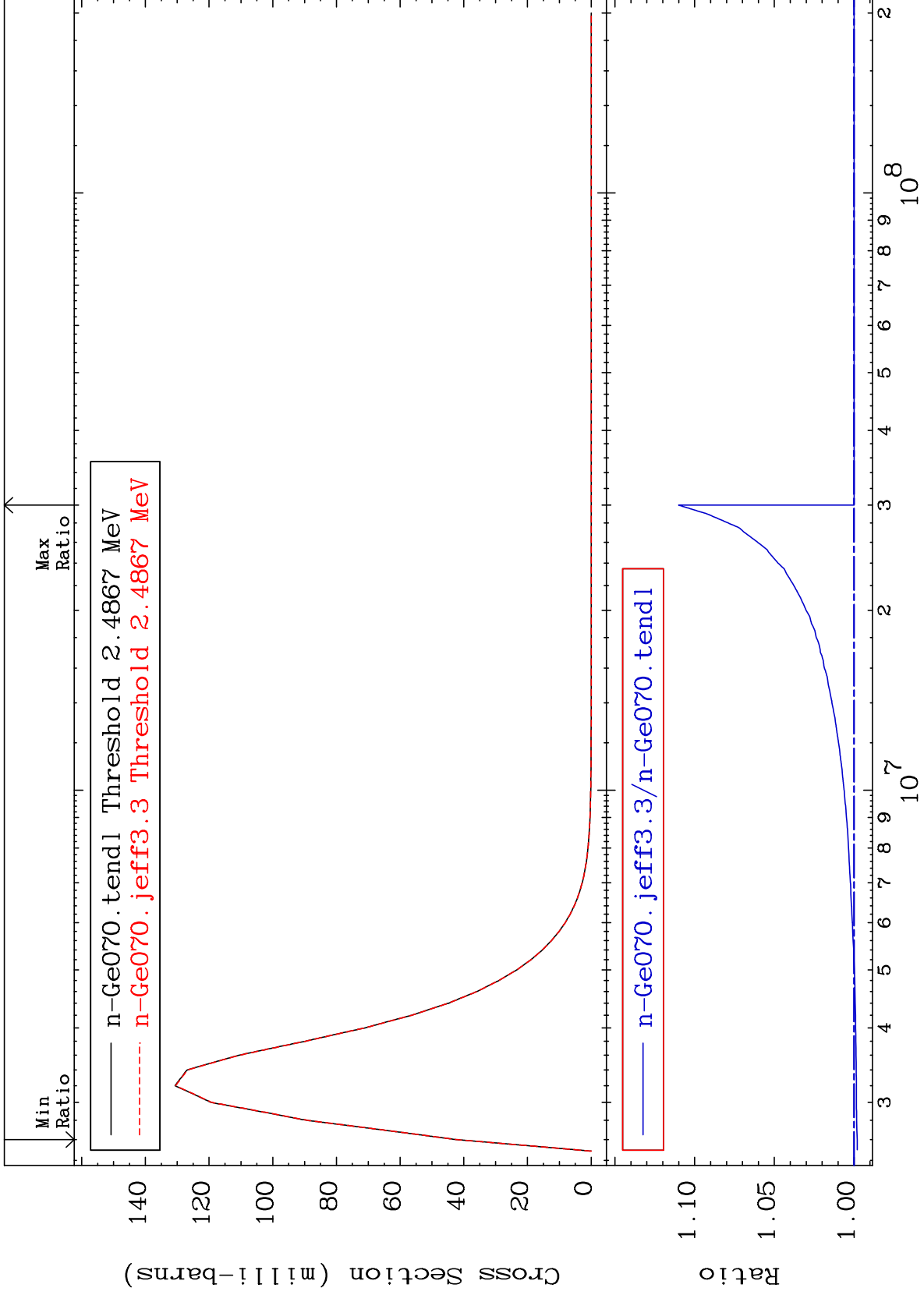
³²-Ge-70
-0.114 To 11.00 %



MAT 3225

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

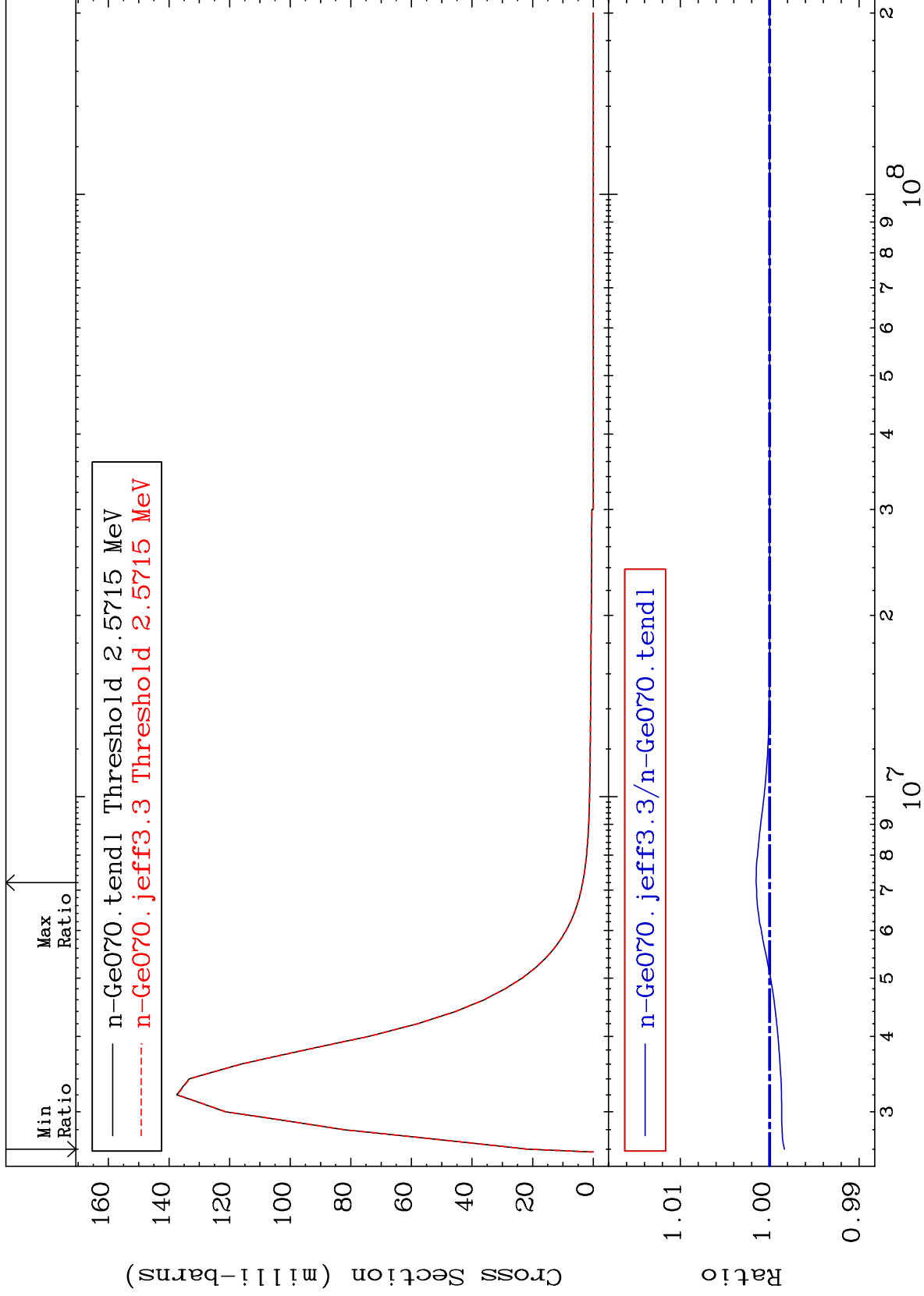
32-Ge-70
-0.203 To 11.01 %



MAT 3225

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

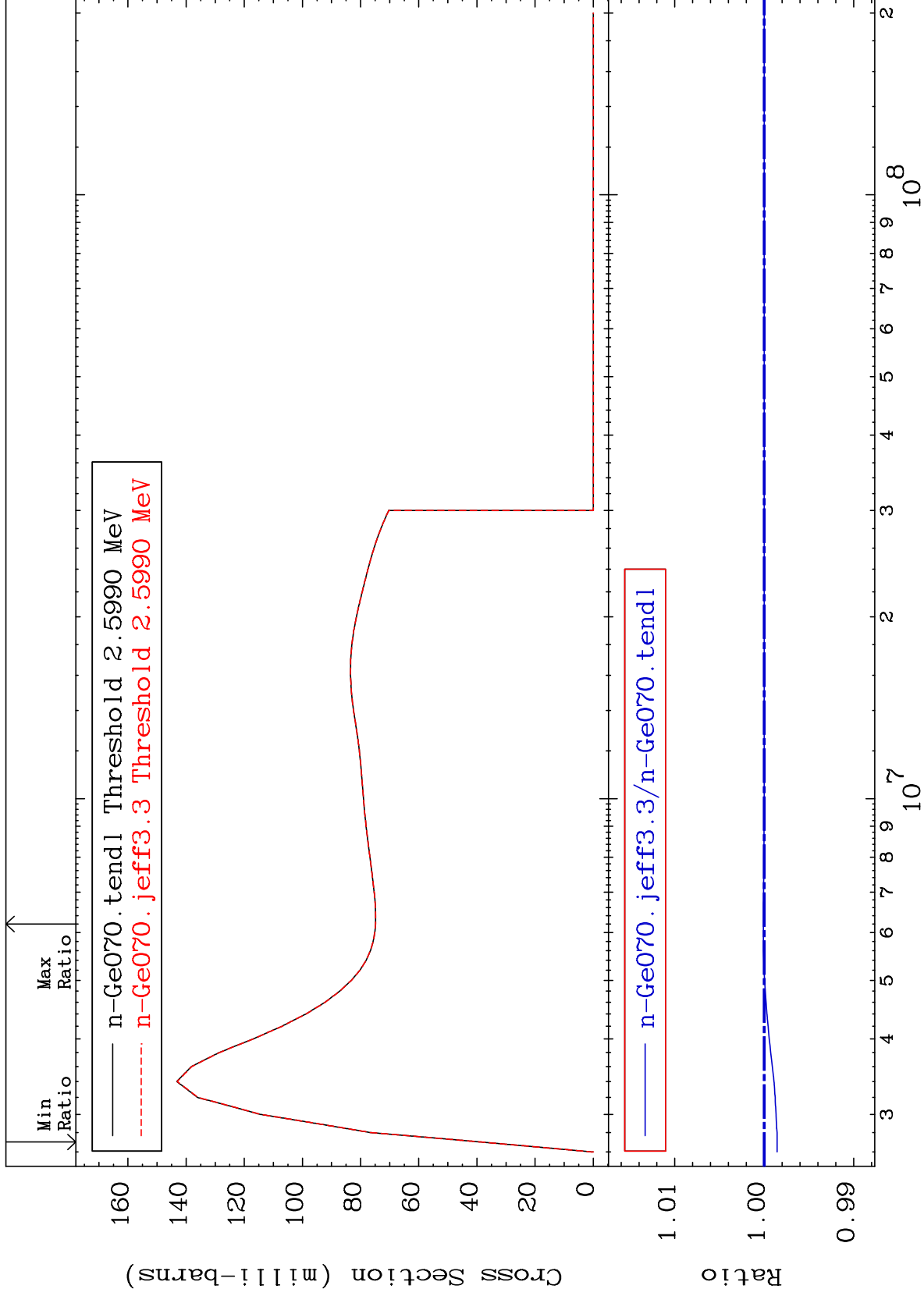
32-Ge-70
-0.164 To 0.153 %



MAT 3225

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

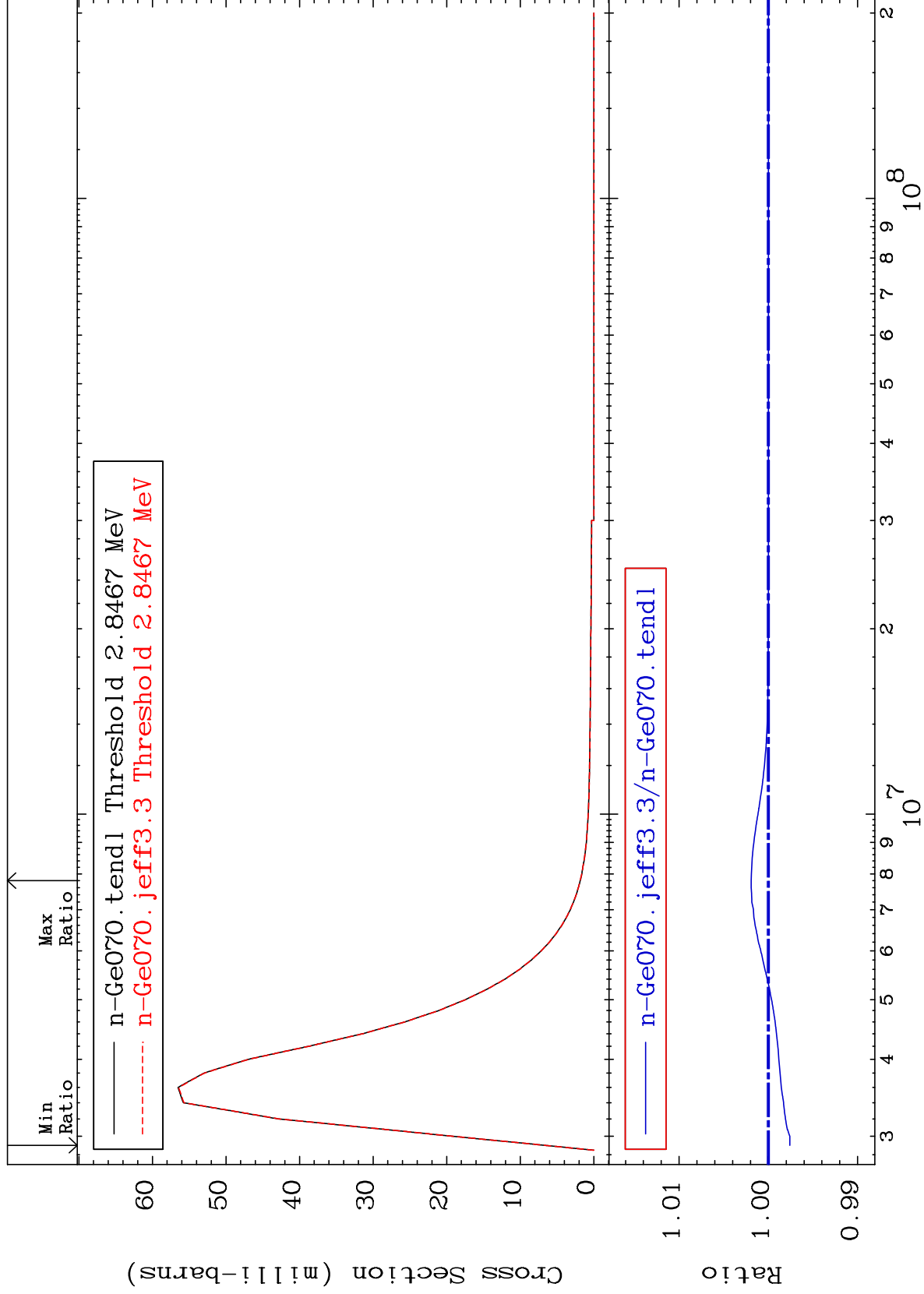
32-Ge-70
-0.143 To 0.011 %



MAT 3225

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

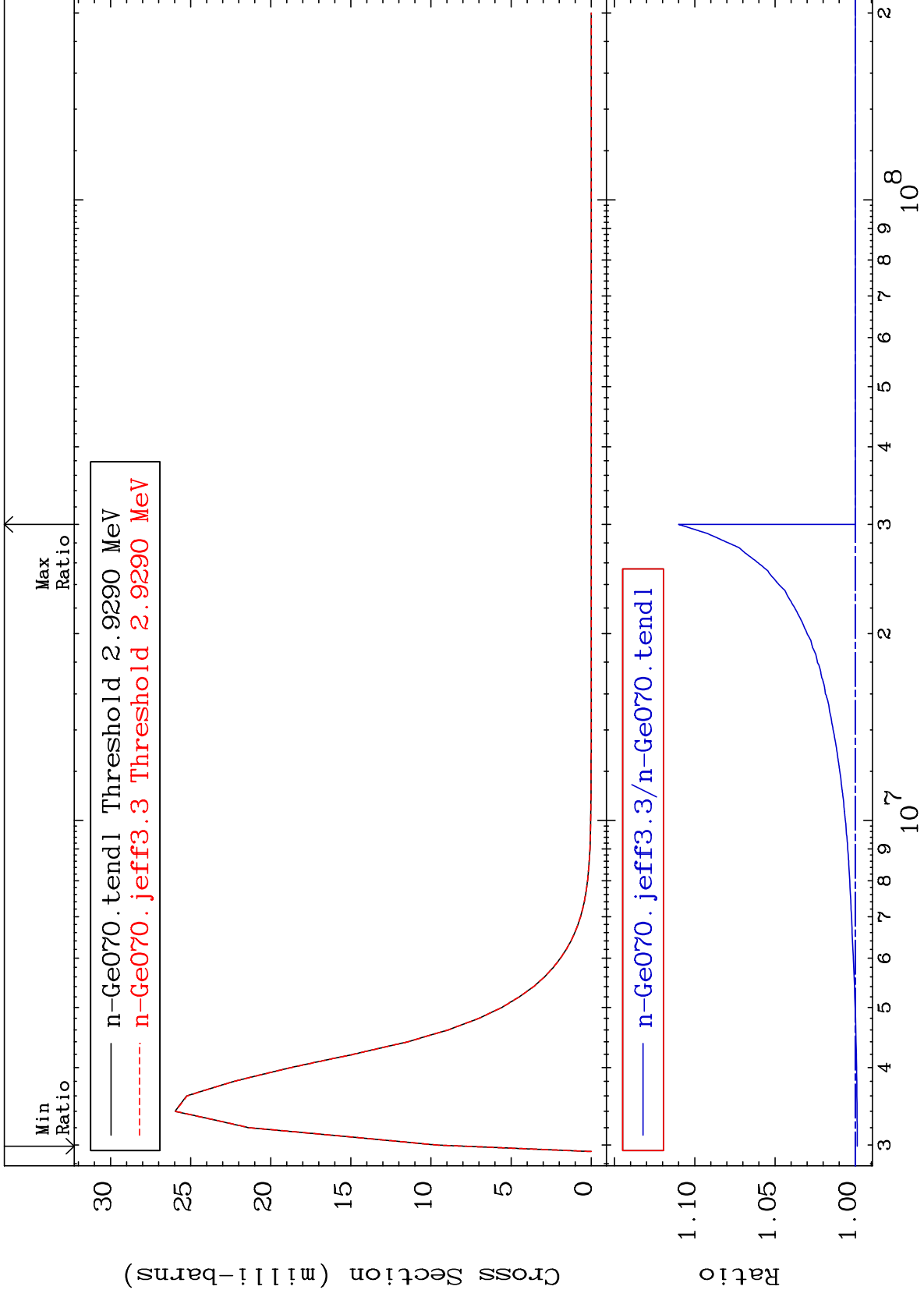
32-Ge-70
-0.240 To 0.194 %



MAT 3225

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

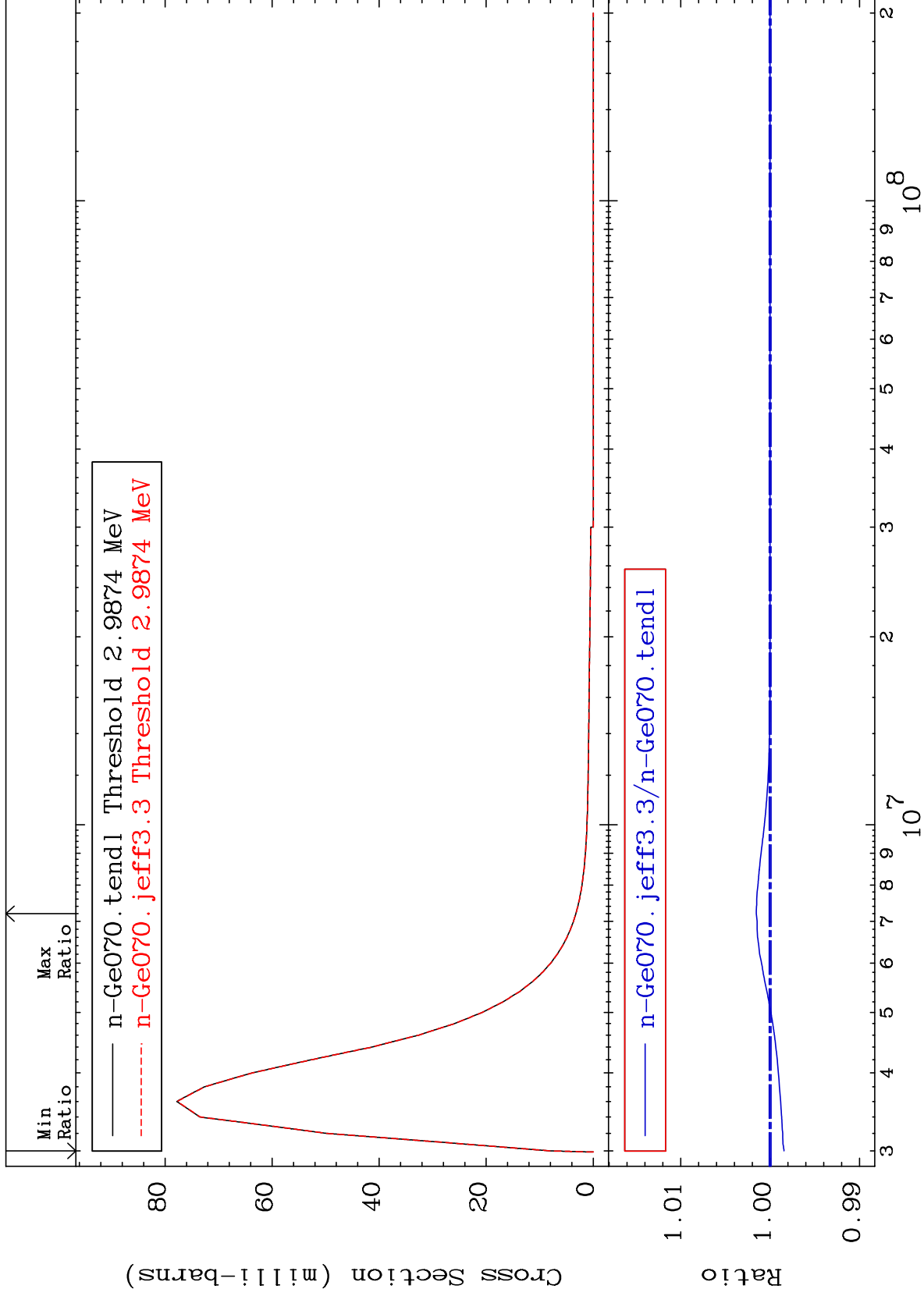
32-Ge-70
-0.122 To 11.00 %



MAT 3225

MT= 62 (n,n') Level
Cross Section

32-Ge-70
-0.156 To 0.155 %



30

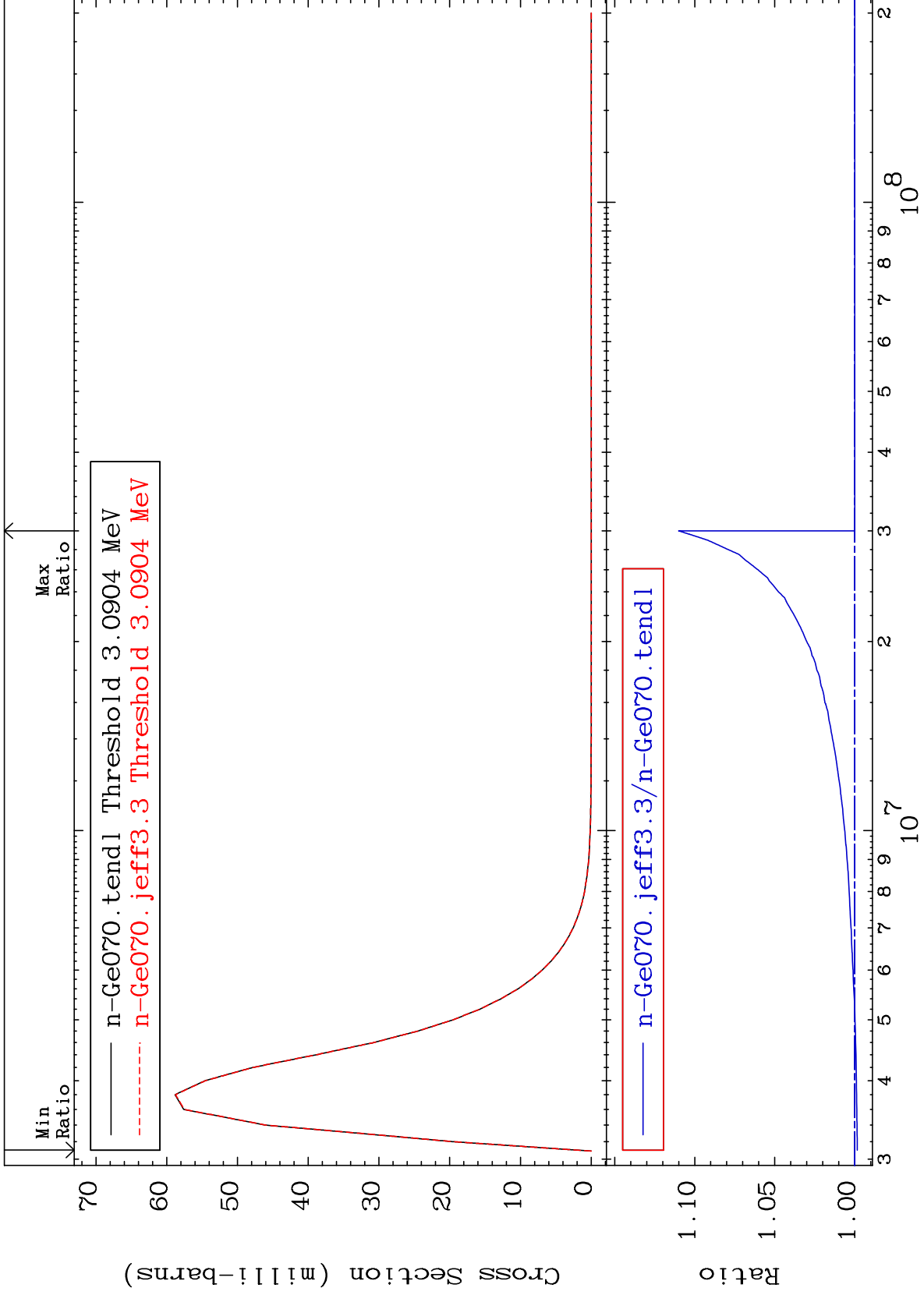
Incident Energy (eV)

32-Ge-70

MAT 3225

MT= 63 (n,n') Level
Cross Section

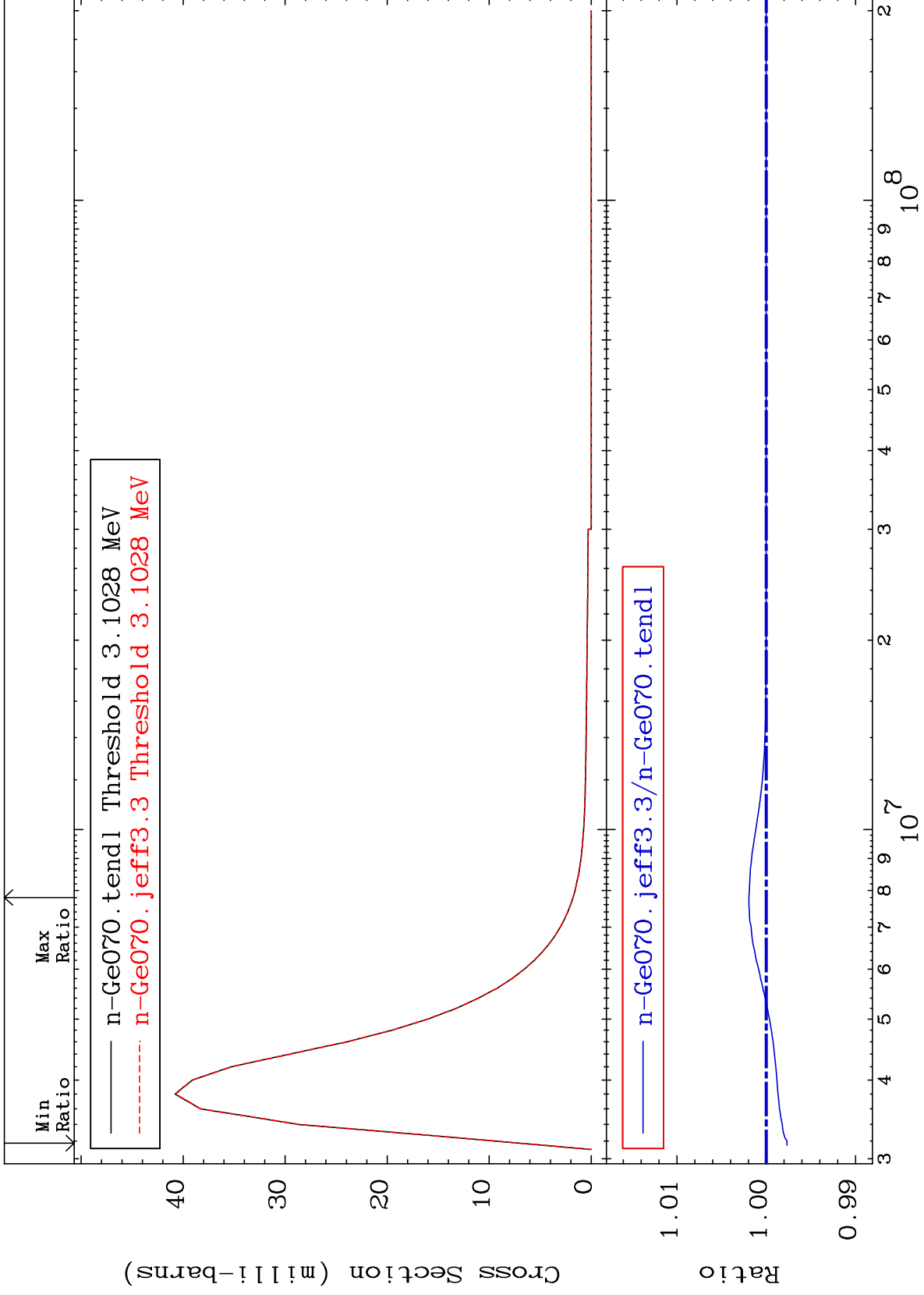
32-Ge-70
-0.161 To 11.01 %



MAT 3225

MT= 64 (n,n') Level
Cross Section

32-Ge-70
-0.233 To 0.195 %



32

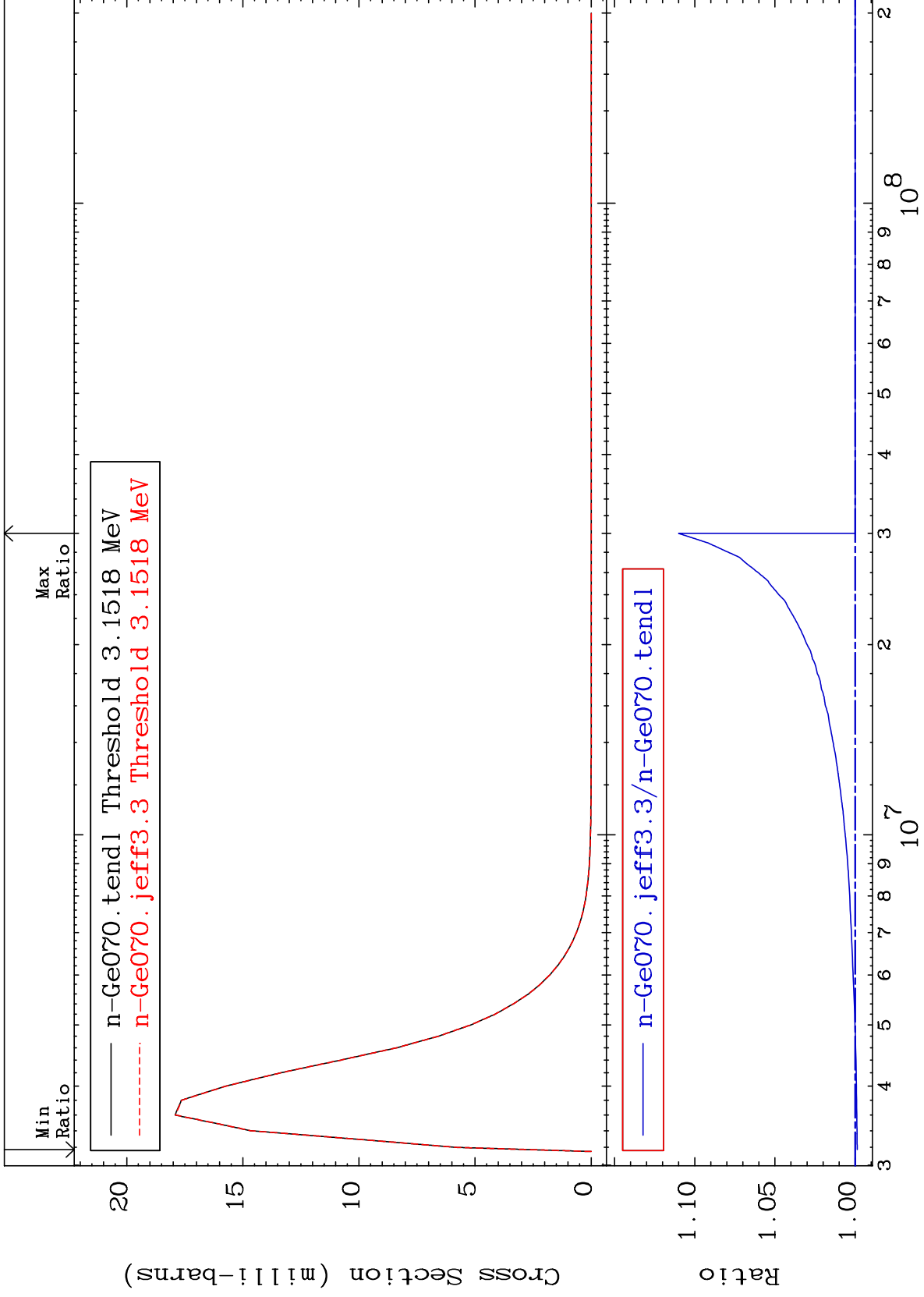
Incident Energy (eV)

32-Ge-70

MAT 3225

MT= 65 (n,n') Level
Cross Section

³²-Ge-70
-0.130 To 11.00 %



33

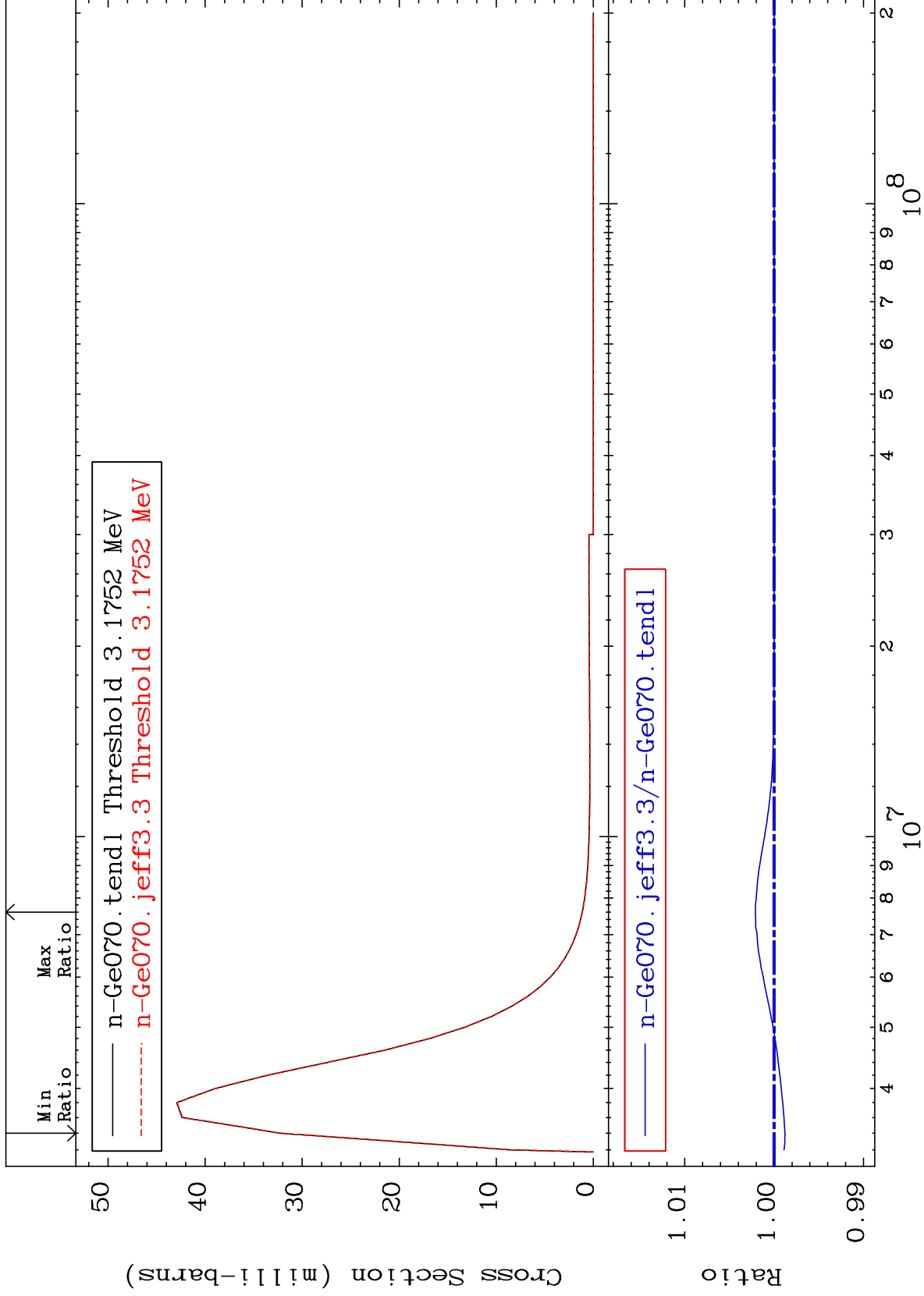
Incident Energy (eV)

³²-Ge-70

MAT 3225

MT= 66 (n,n') Level
Cross Section

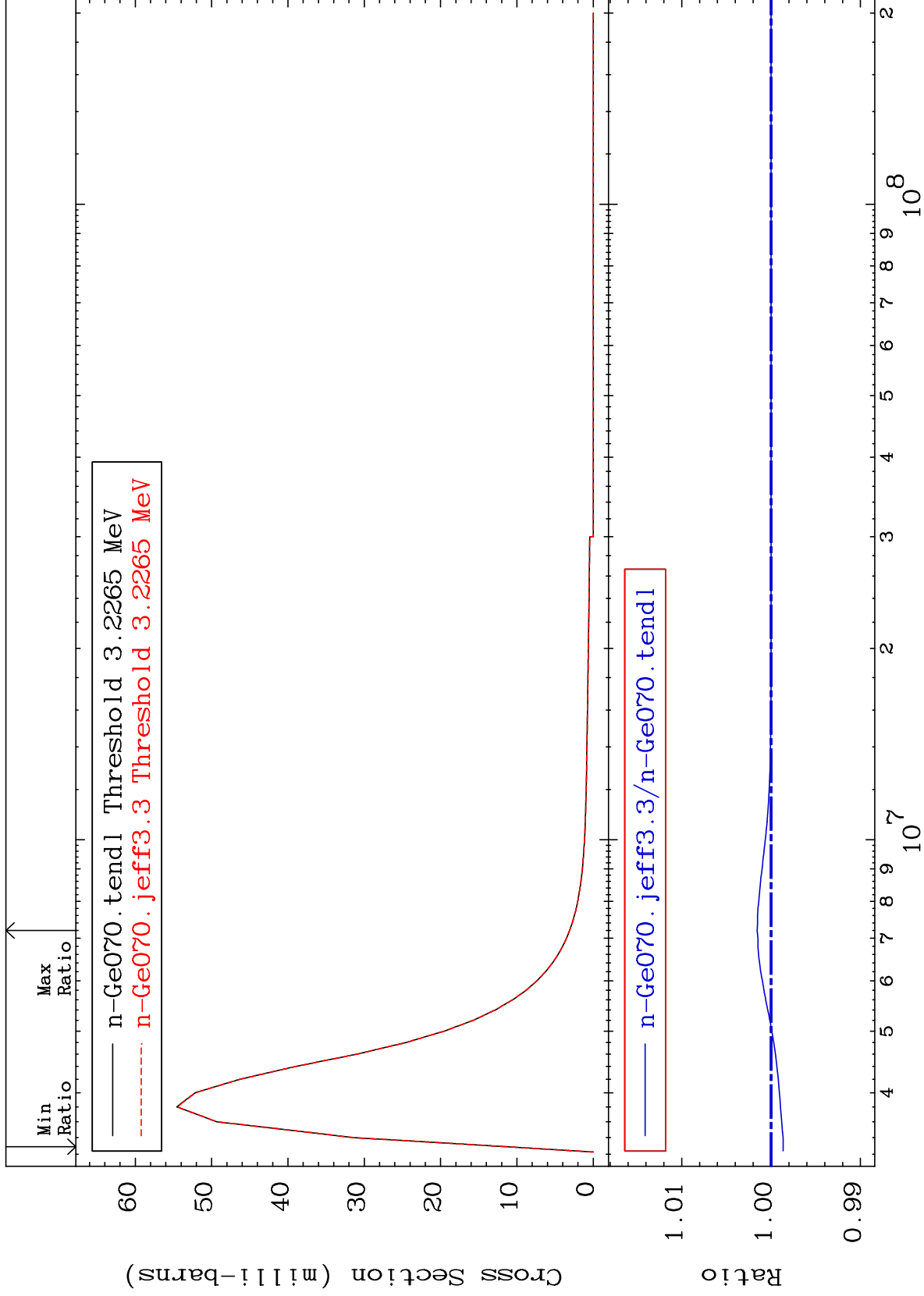
32-Ge-70
-0.121 To 0.210 %



MAT 3225

MT= 67 (n,n') Level
Cross Section

32-Ge-70
-0.135 To 0.156 %



35

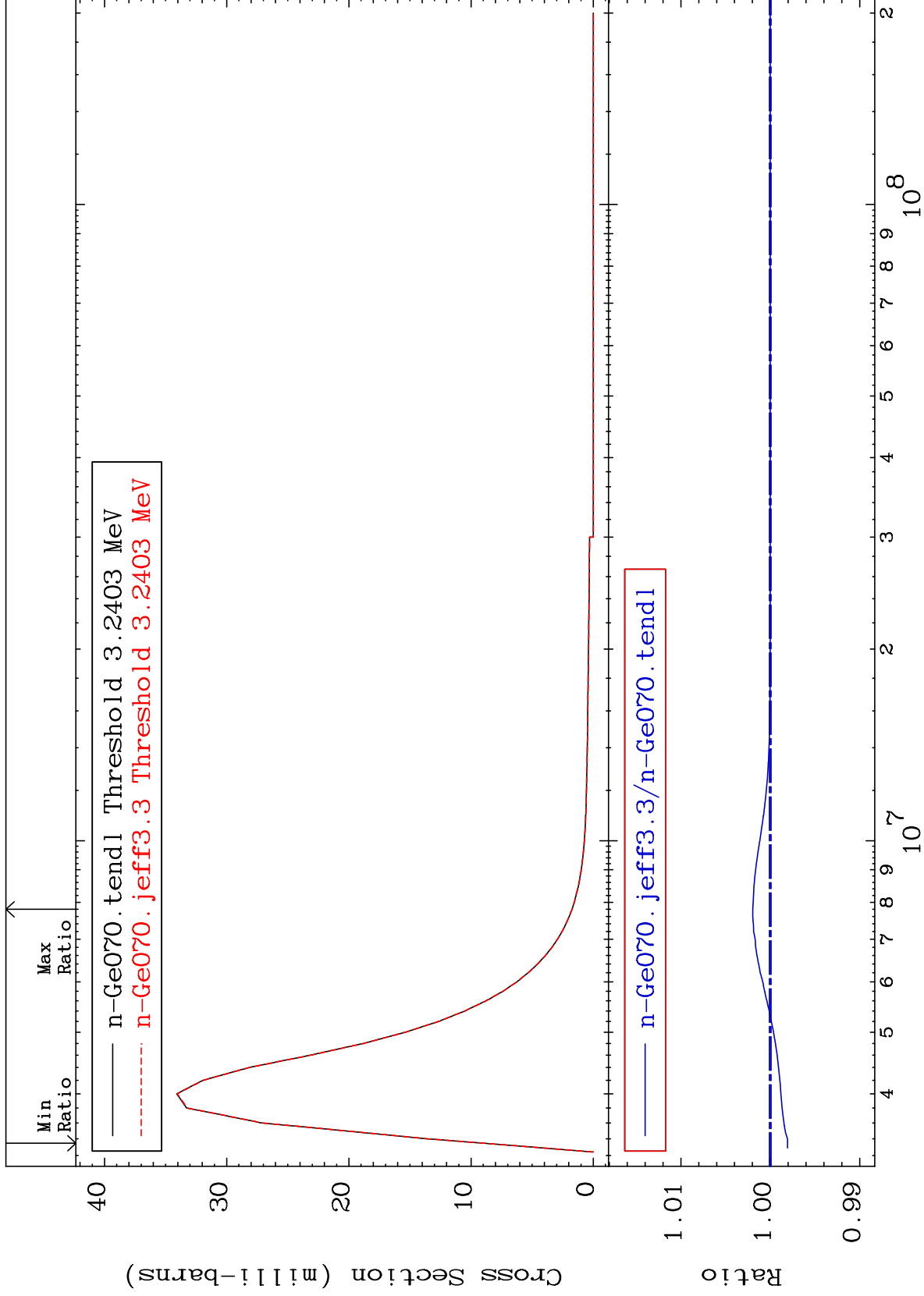
Incident Energy (eV)

32-Ge-70

MAT 3225

MT= 68 (n,n') Level
Cross Section

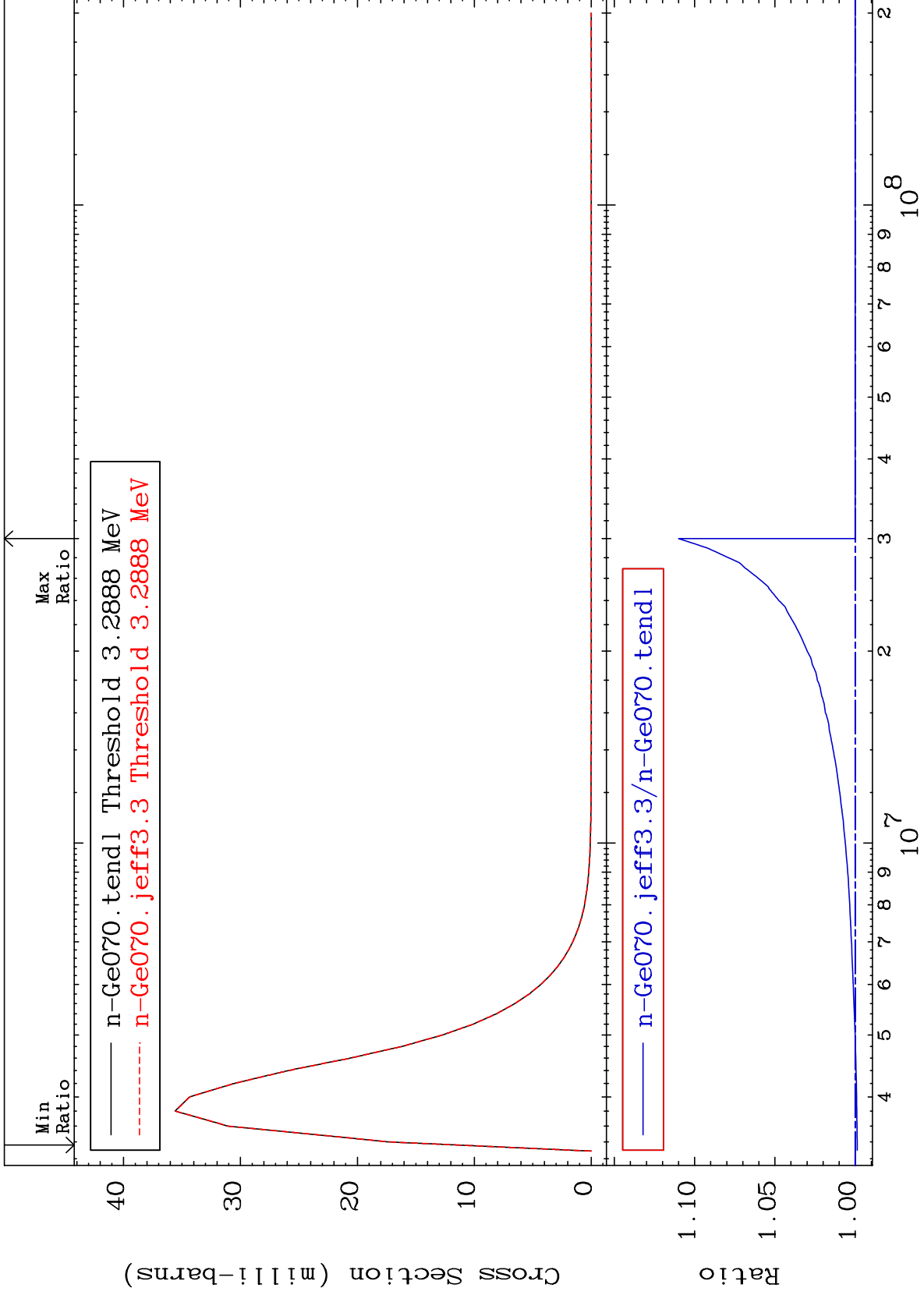
32-Ge-70
-0.193 To 0.196 %

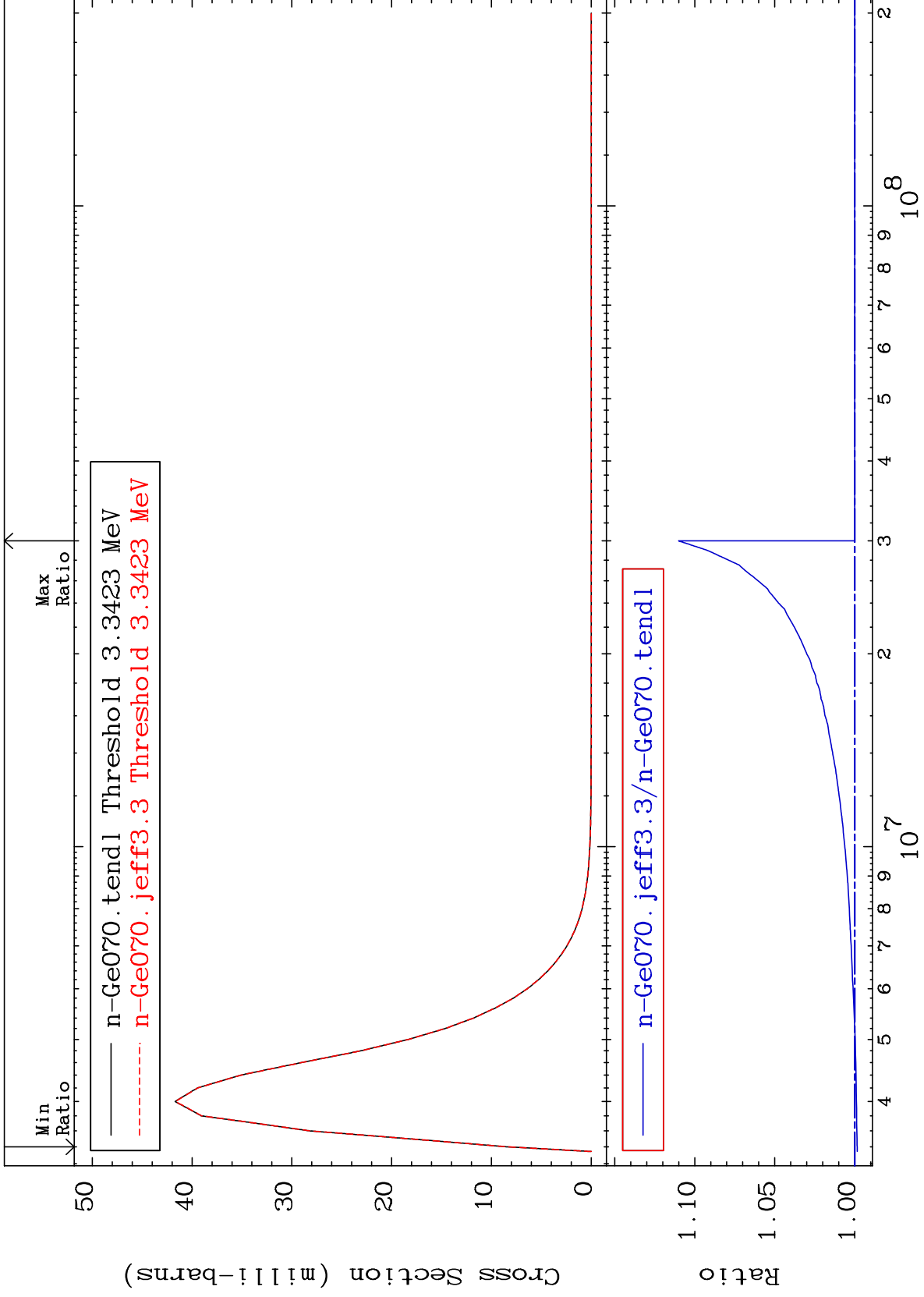


MAT 3225

MT= 69 (n,n') Level
Cross Section

32-Ge-70
-0.126 To 11.00 %

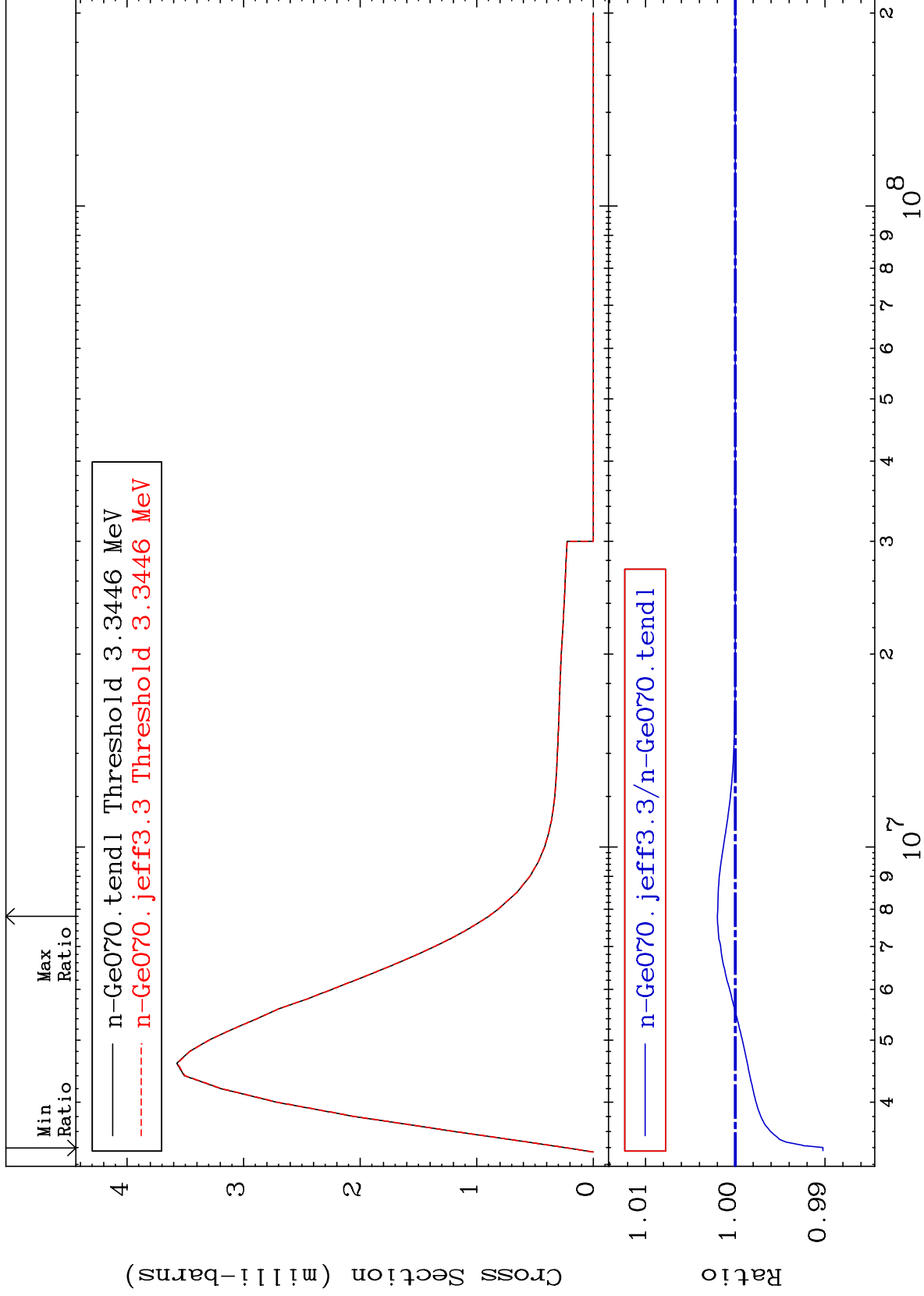




MAT 3225

MT= 71 (n,n') Level
Cross Section

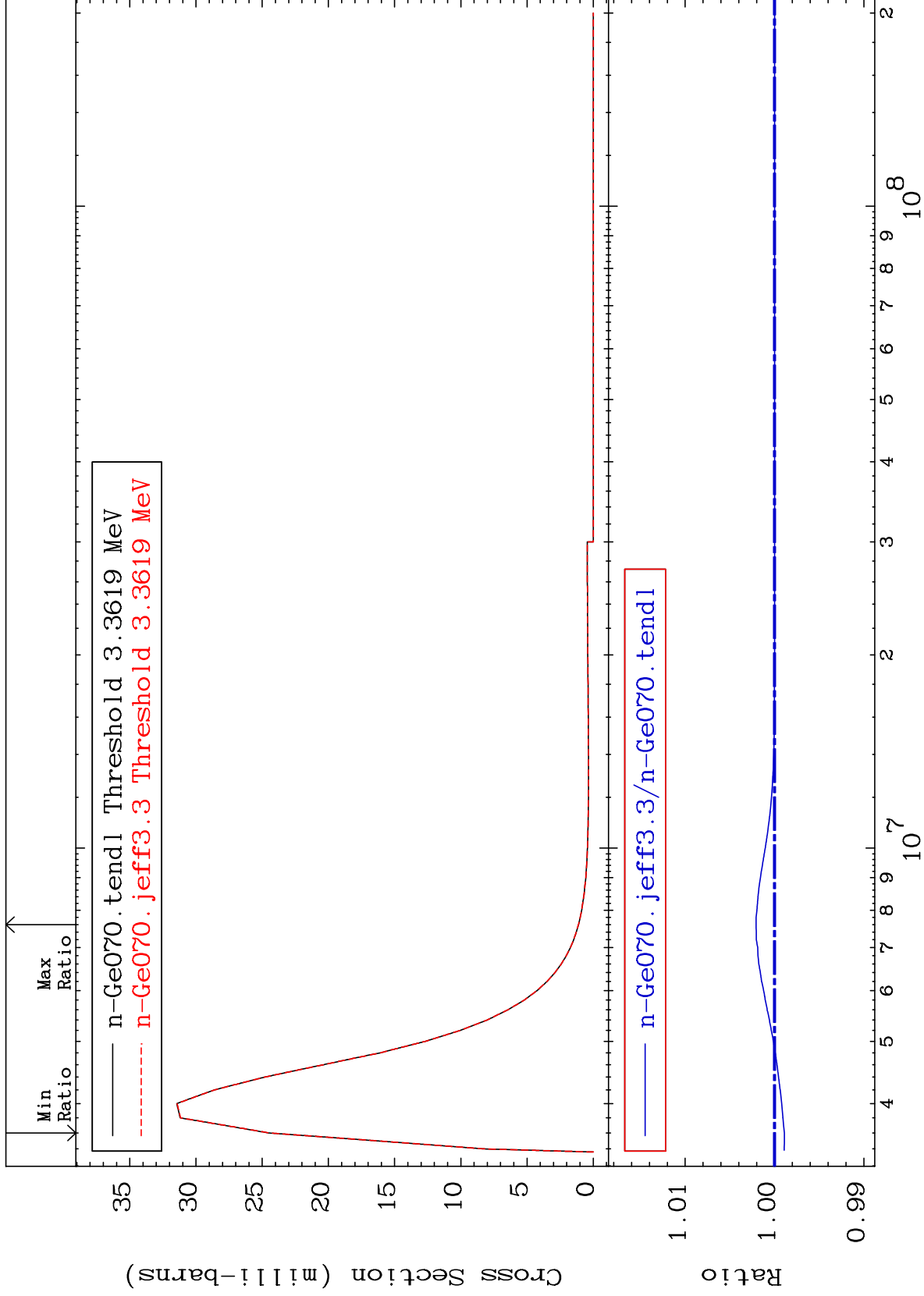
32-Ge-70
-0.977 To 0.199 %



MAT 3225

MT= 72 (n,n') Level
Cross Section

32-Ge-70
-0.110 To 0.208 %



40

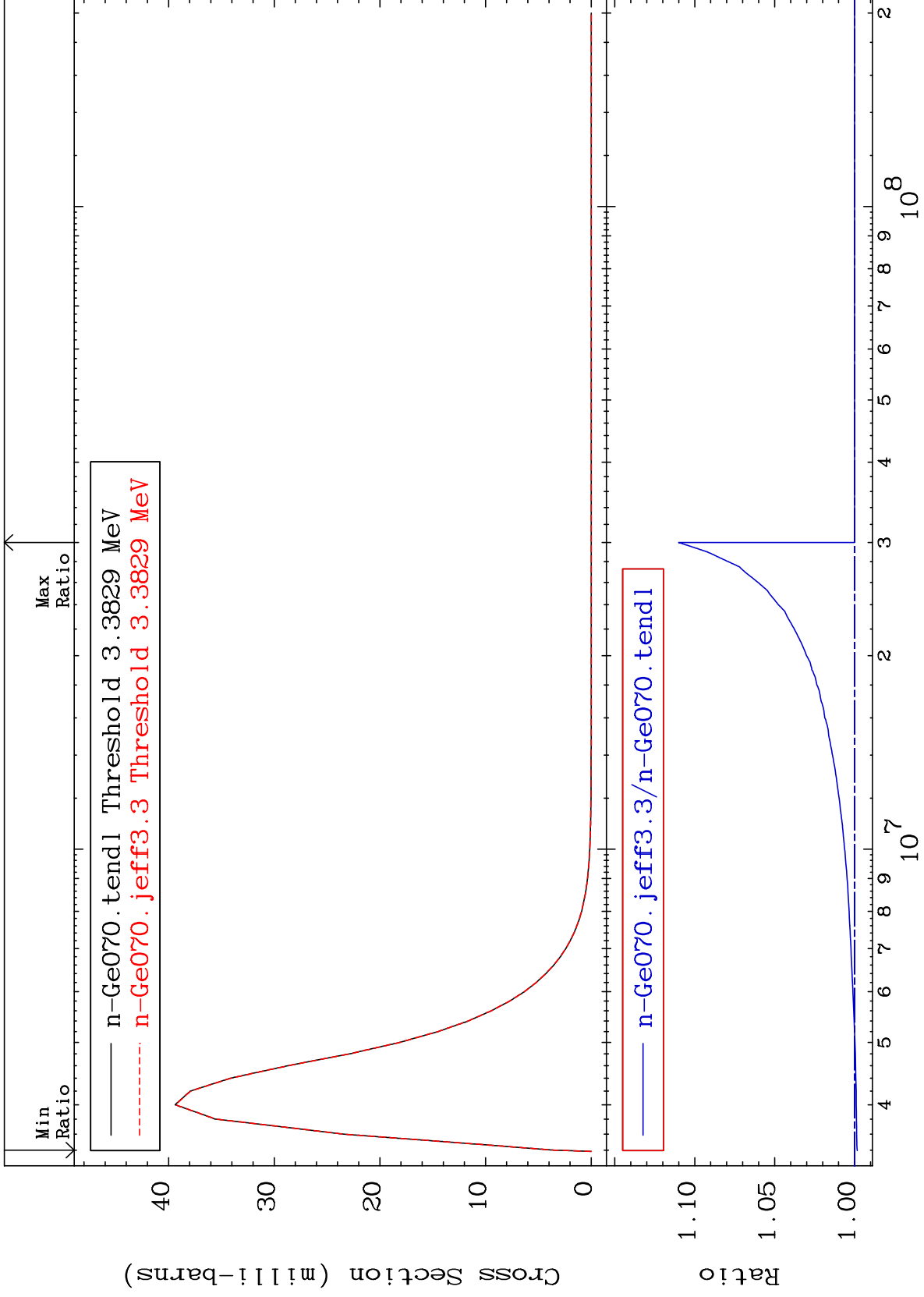
Incident Energy (eV)

32-Ge-70

MAT 3225

MT= 73 (n,n') Level
Cross Section

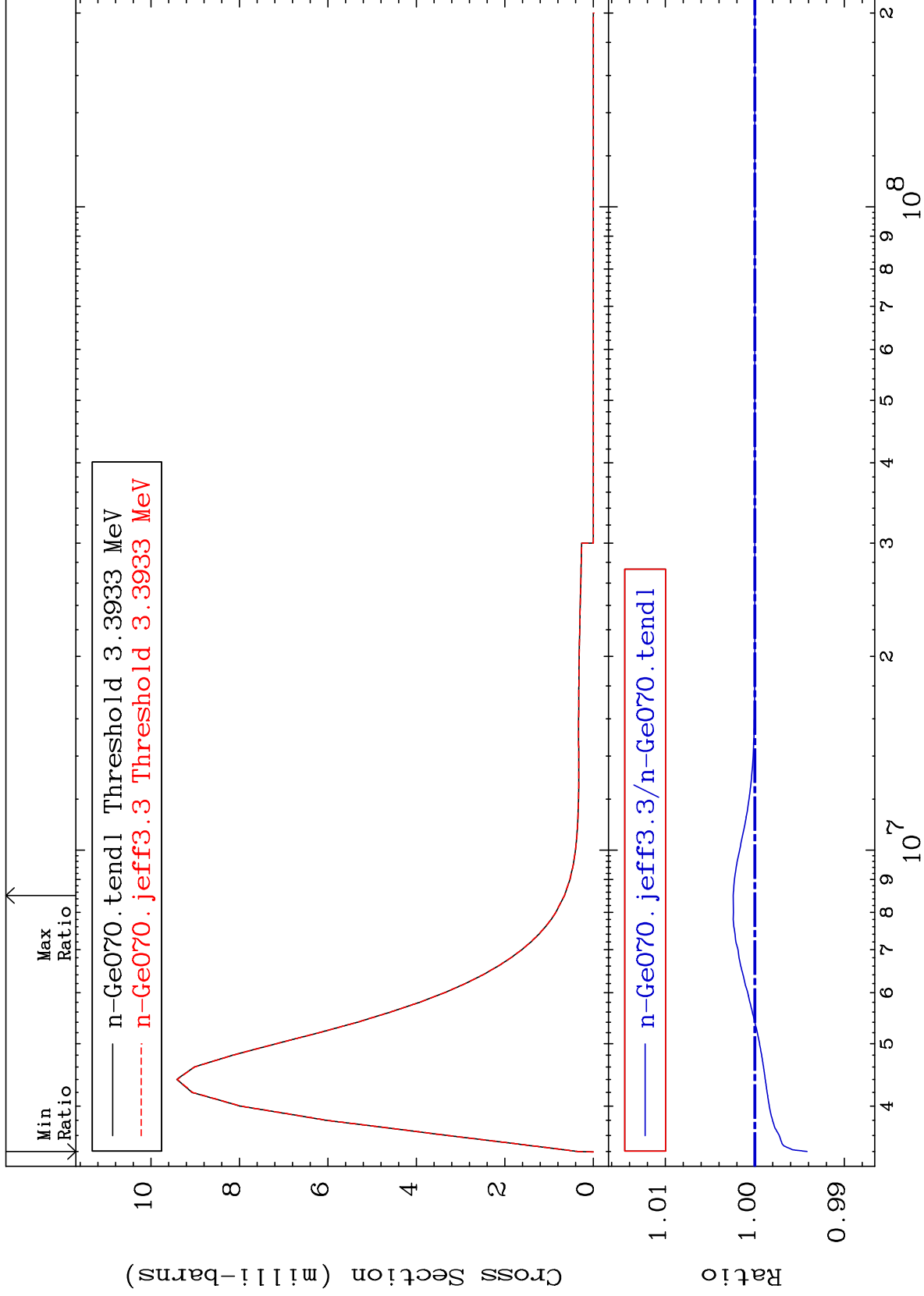
³²Ge-70
-0.165 To 11.01 %



MAT 3225

MT= 74 (n,n') Level
Cross Section

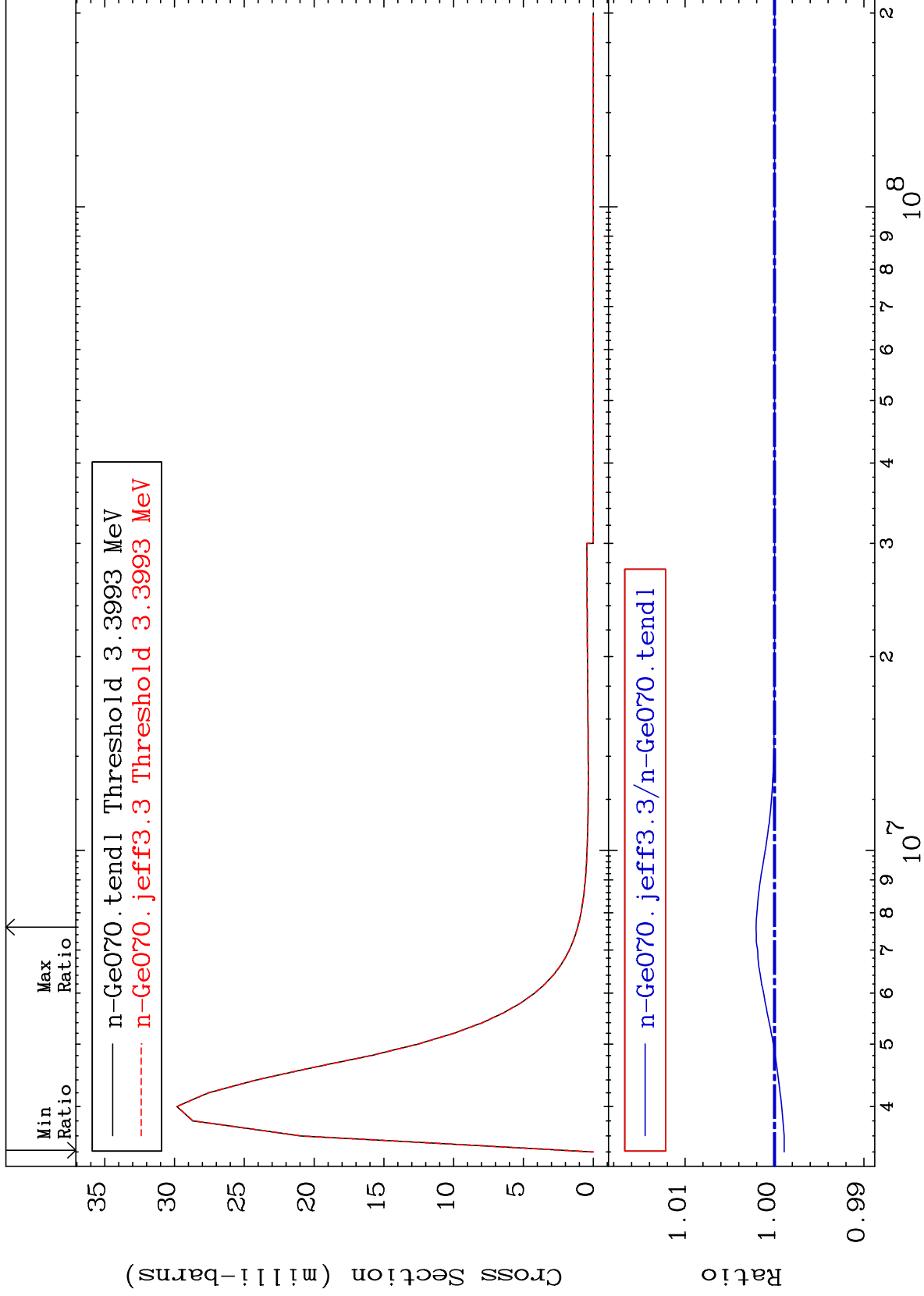
32-Ge-70
-0.583 To 0.242 %



MAT 3225

MT= 75 (n,n') Level
Cross Section

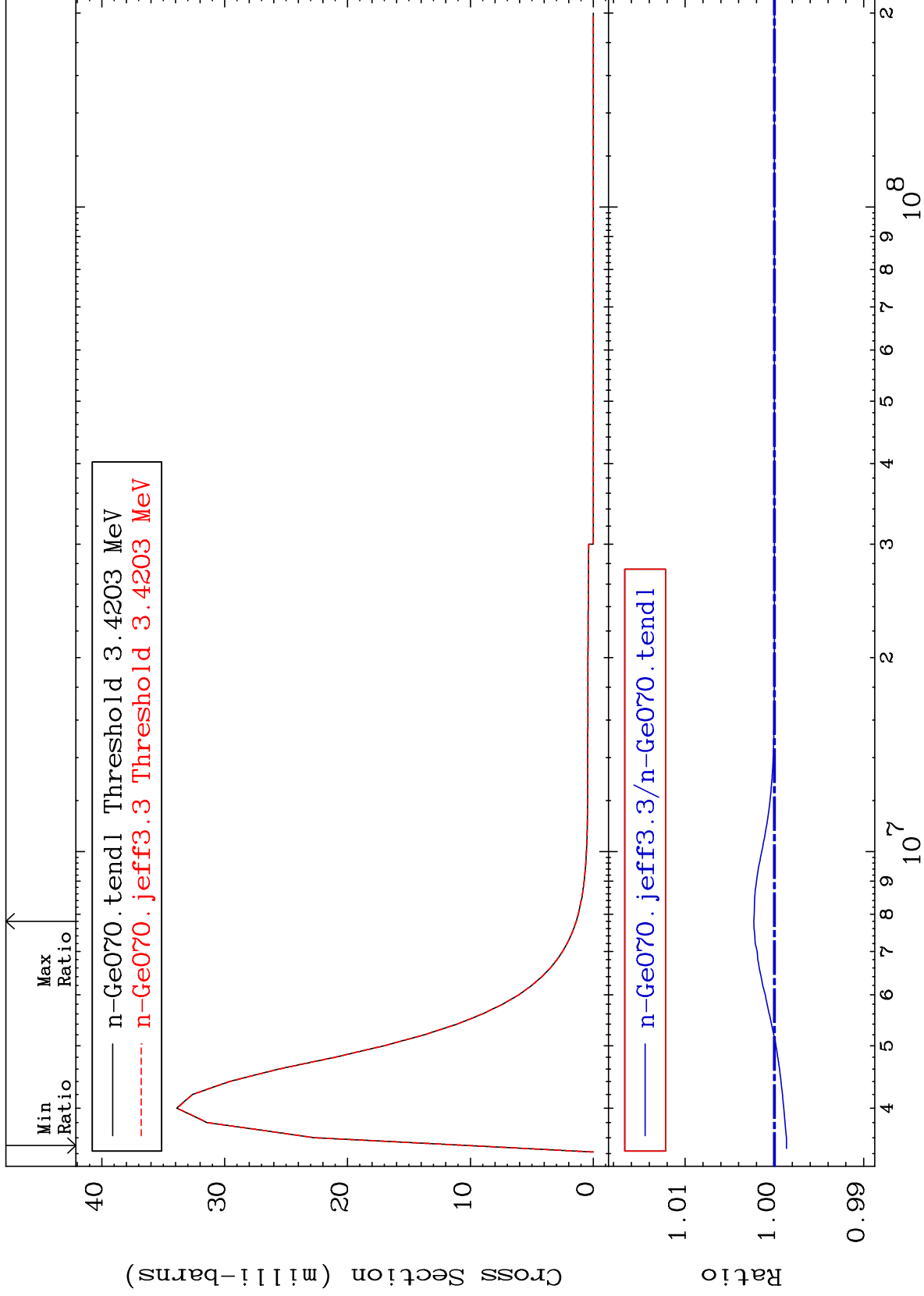
32-Ge-70
-0.109 To 0.207 %



MAT 3225

MT= 76 (n,n') Level
Cross Section

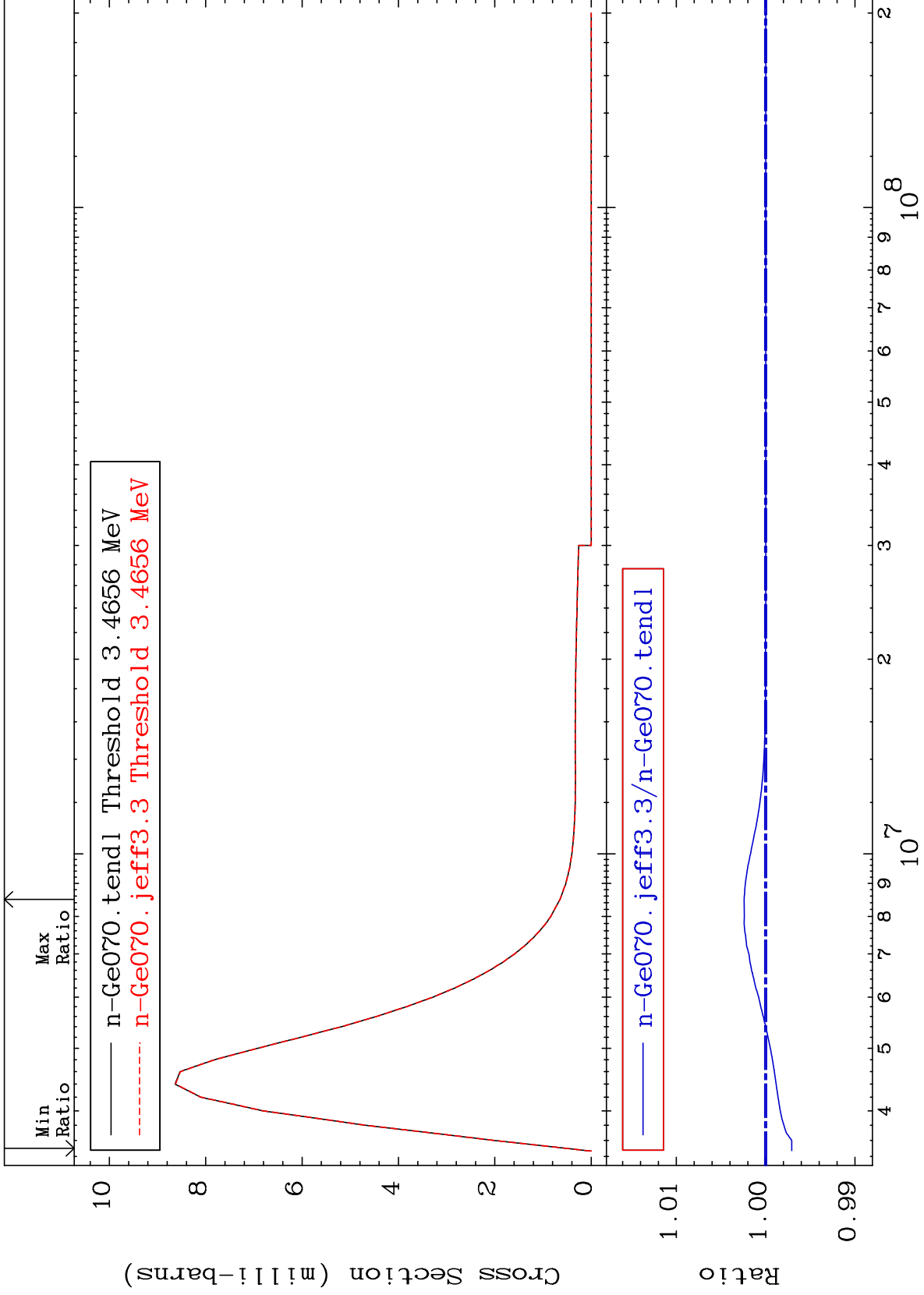
32-Ge-70
-0.135 To 0.231 %



MAT 3225

MT= 77 (n,n') Level
Cross Section

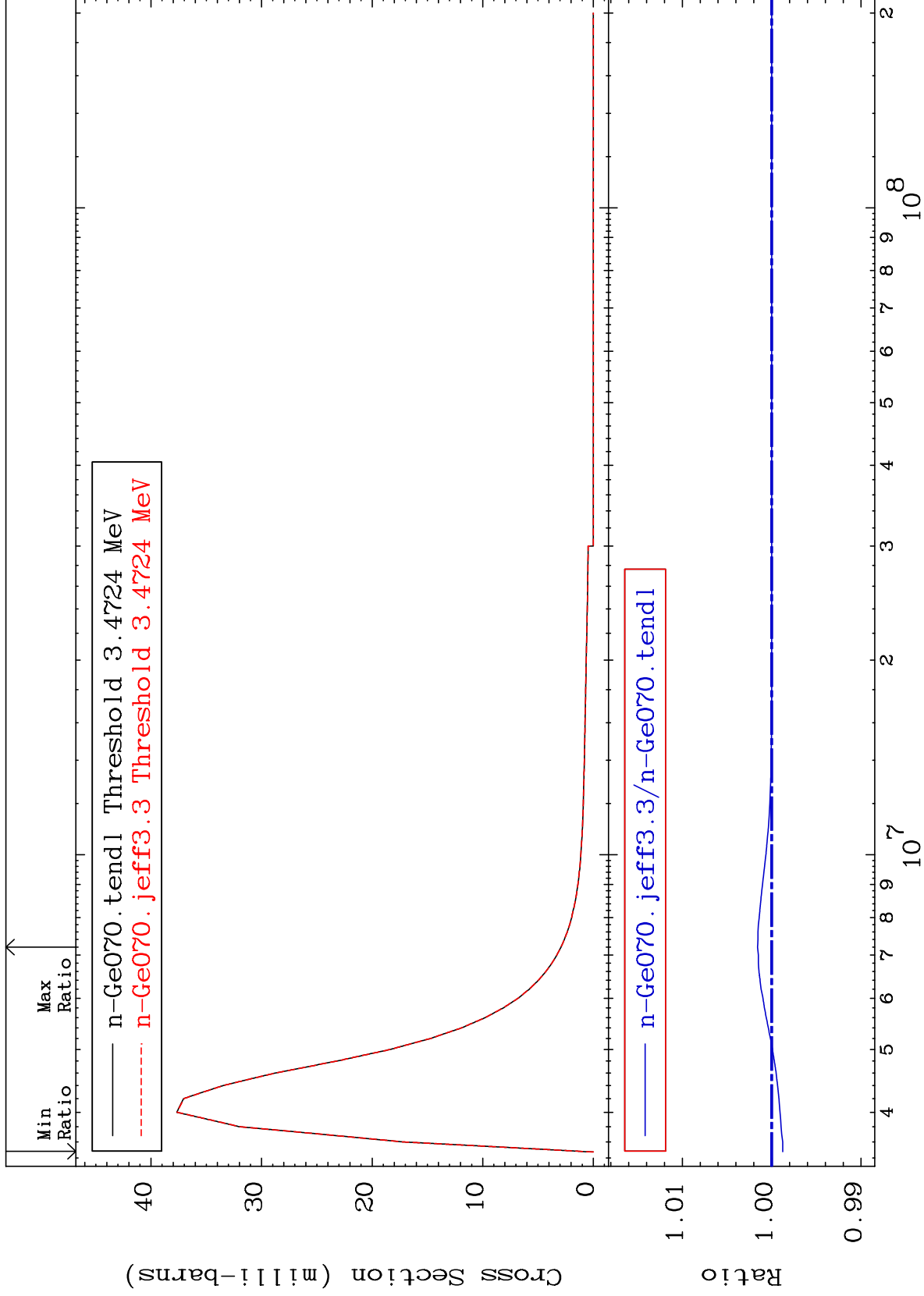
32-Ge-70
-0.292 To 0.241 %



MAT 3225

MT= 78 (n,n') Level
Cross Section

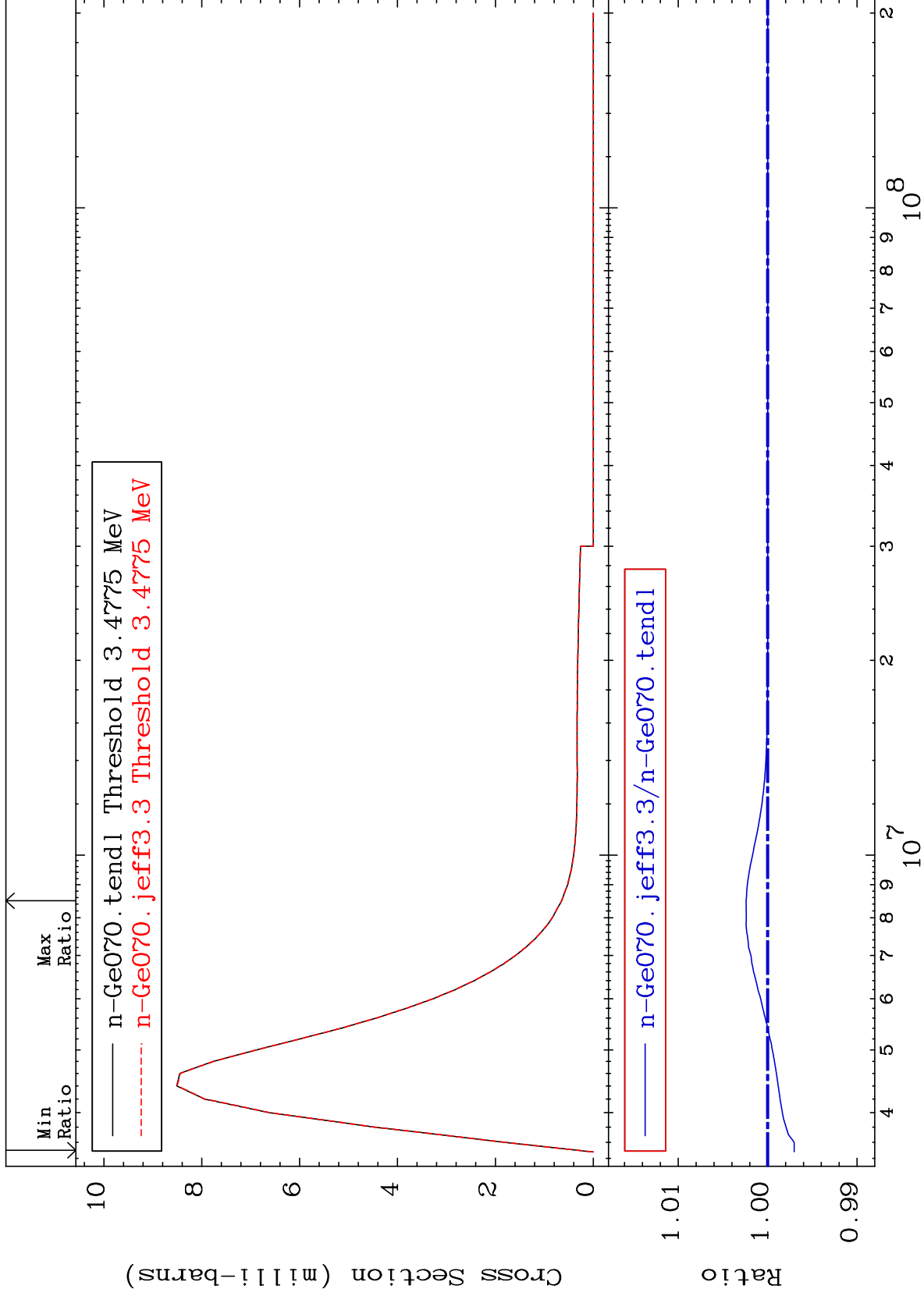
32-Ge-70
-0.123 To 0.158 %



MAT 3225

MT= 79 (n,n') Level
Cross Section

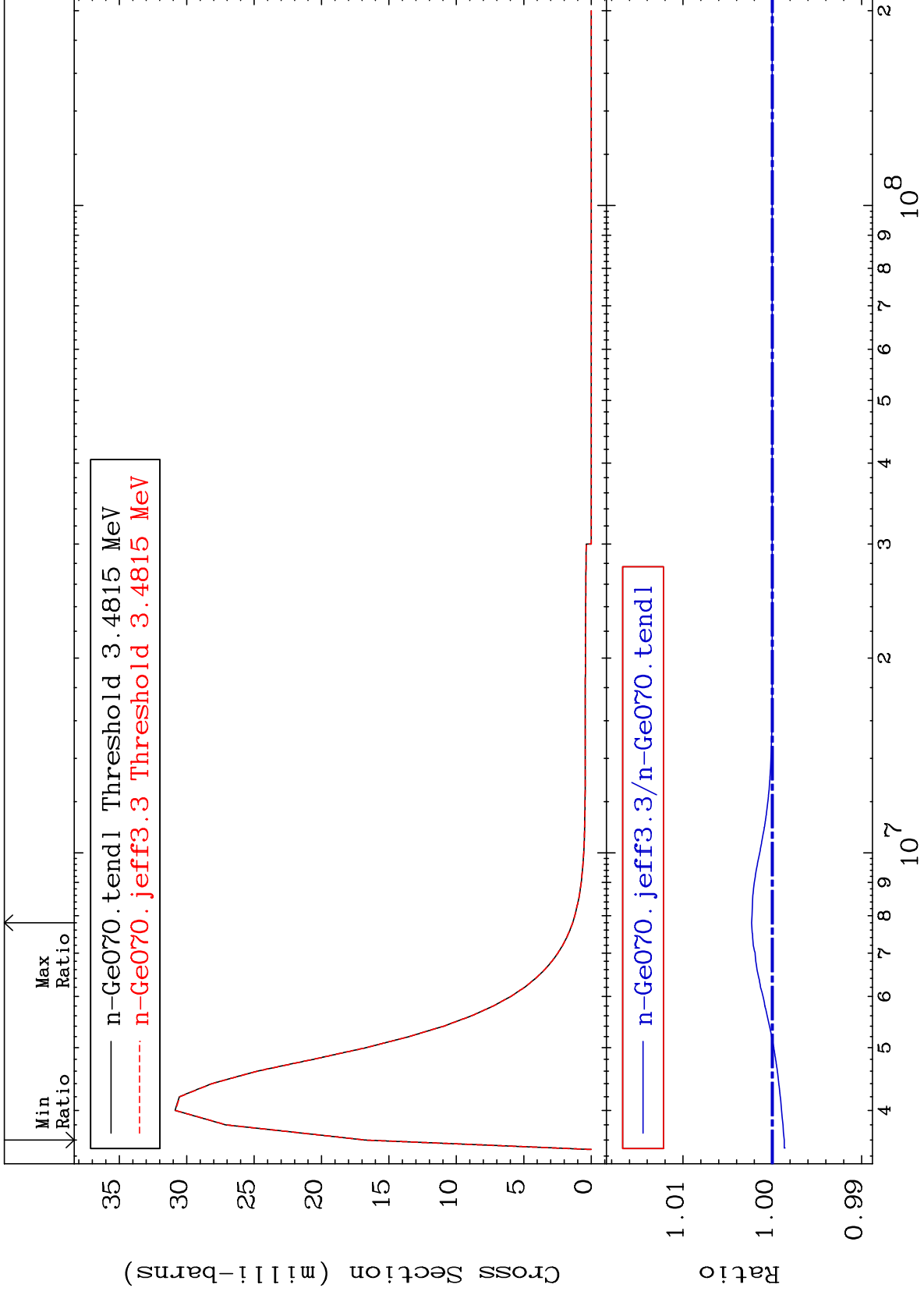
32-Ge-70
-0.296 To 0.241 %

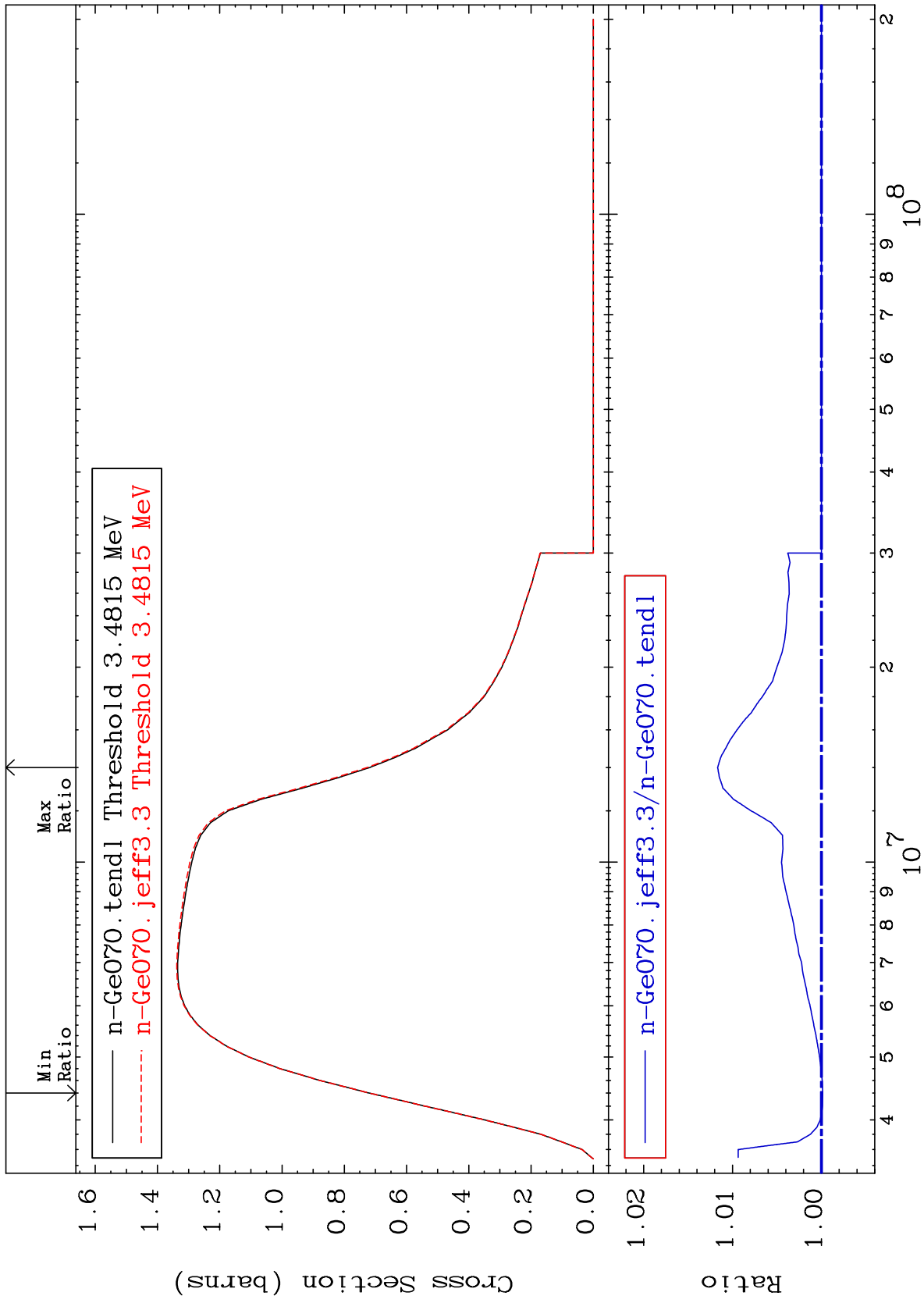


MAT 3225

MT= 80 (n,n') Level
Cross Section

32-Ge-70
-0.134 To 0.231 %





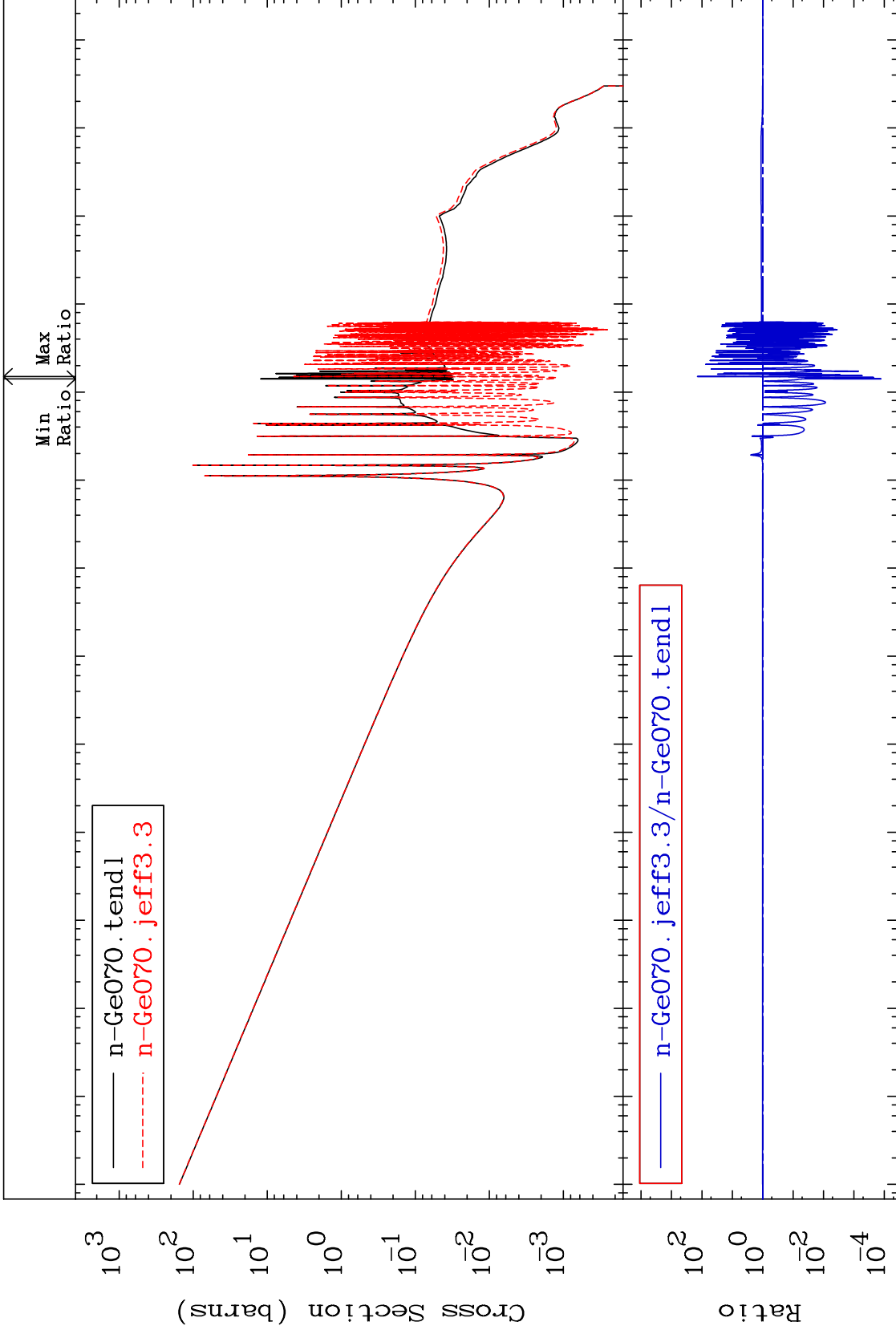
MAT 3225

(n, γ)

32-Ge-70

Cross Section

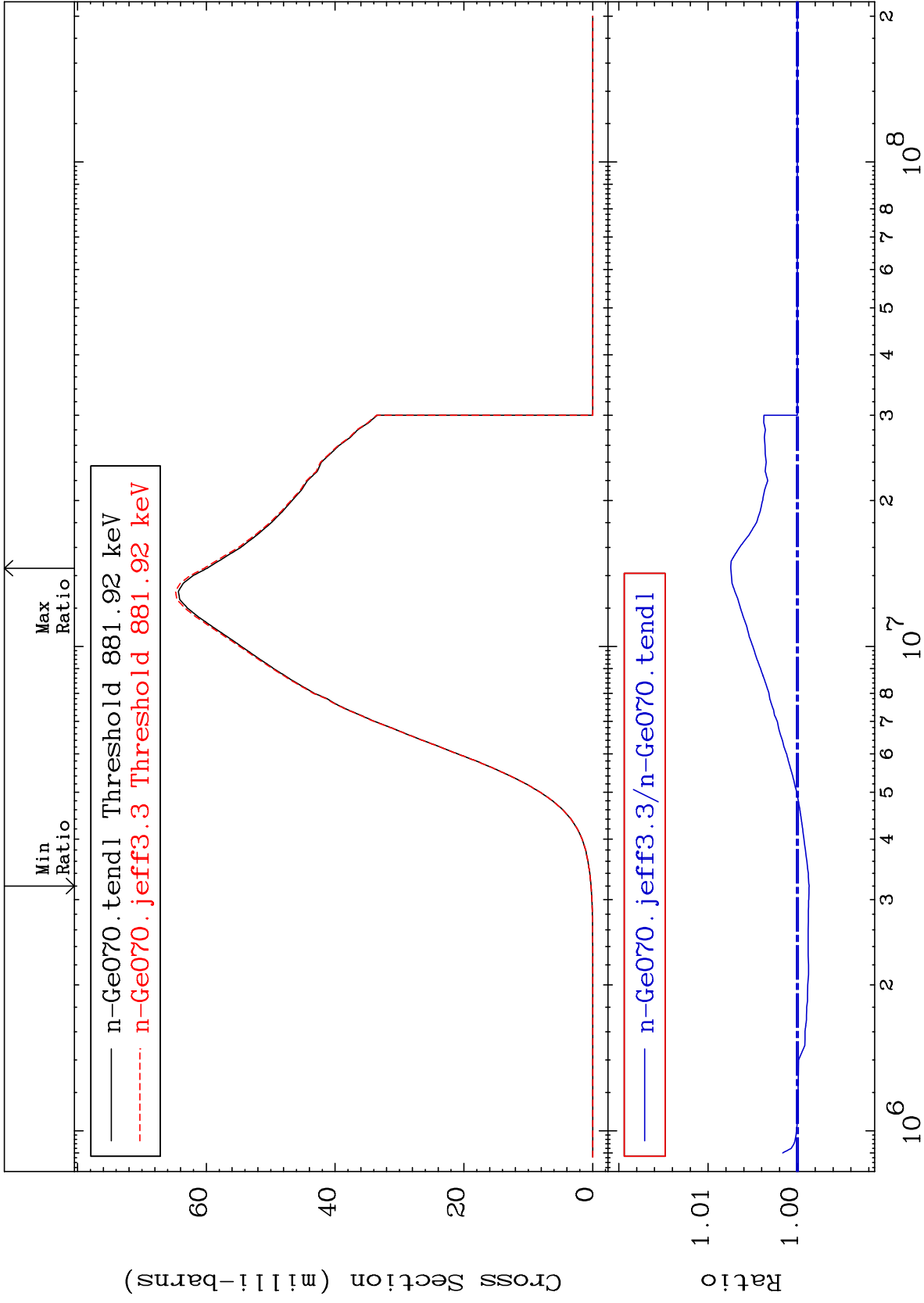
-99.99 To 9999. %



MAT 3225

³²Ge-70

(n,p)
Cross Section
-0.131 To 0.747 %



51

Incident Energy (eV)

³²Ge-70

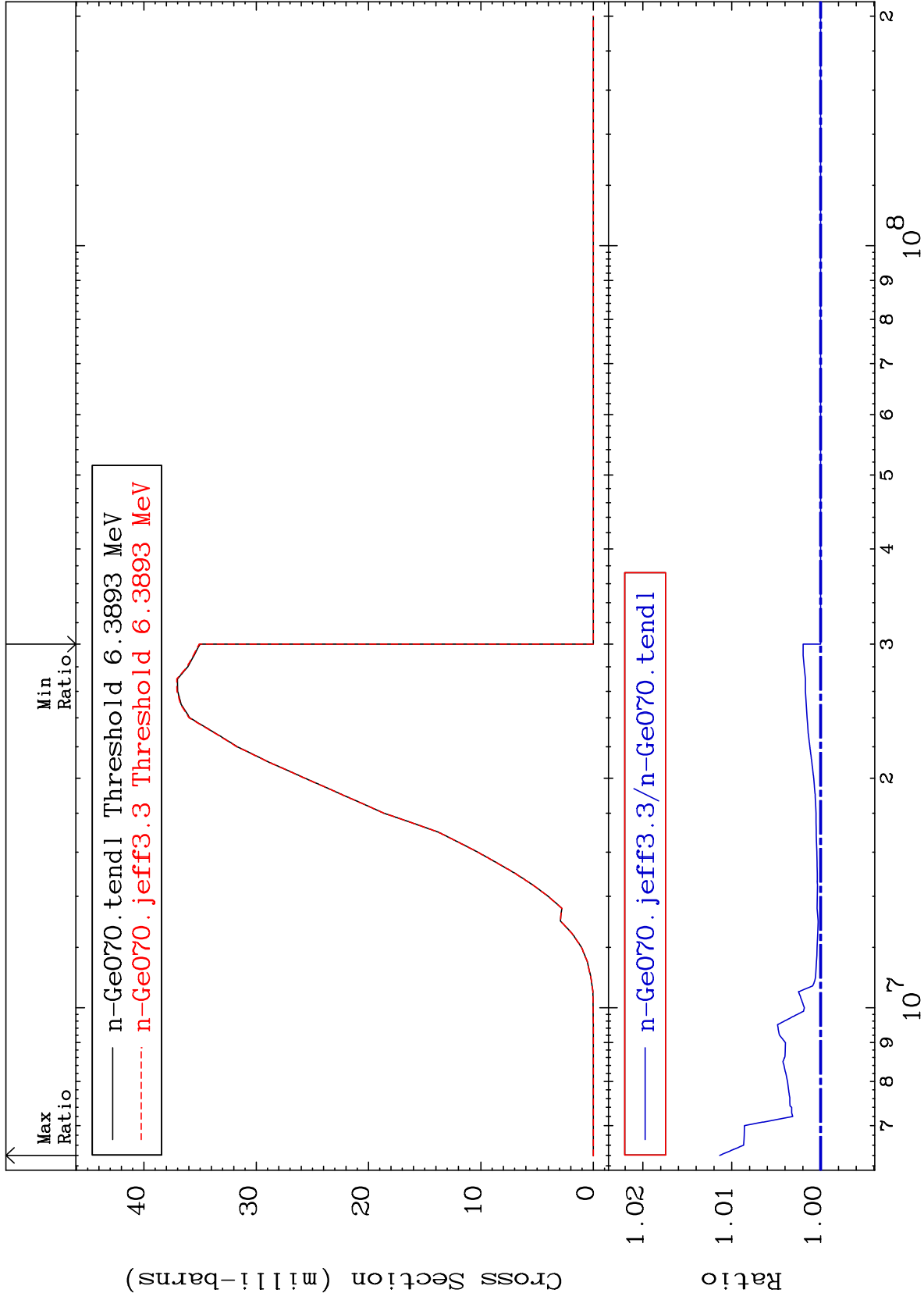
MAT 3225

(n, d)

³²Ge-70

Cross Section

0.000 To 1.136 %



MAT 3225

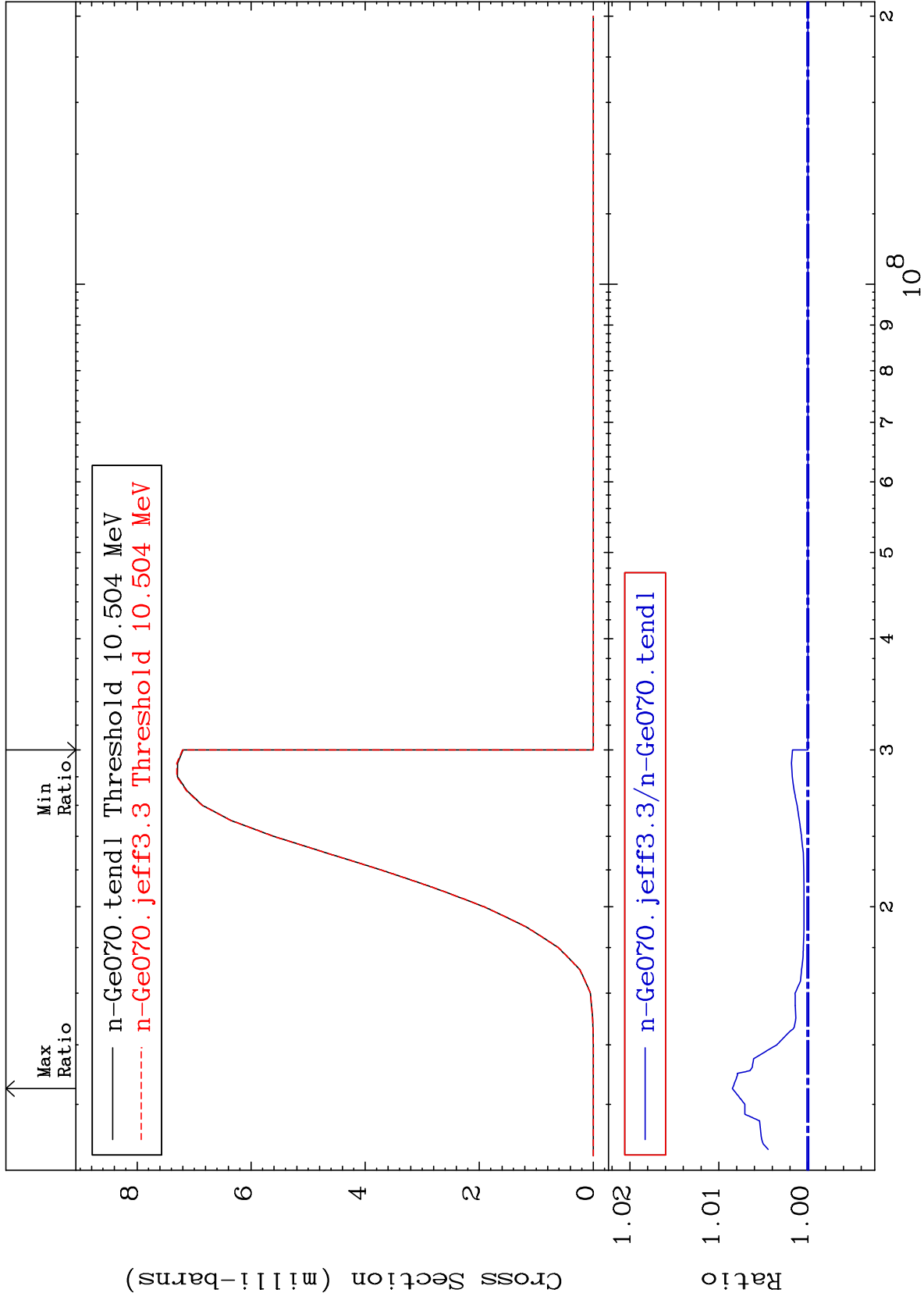
(n, t)

³²Ge-70

Cross Section

0.000

To 0.847 %



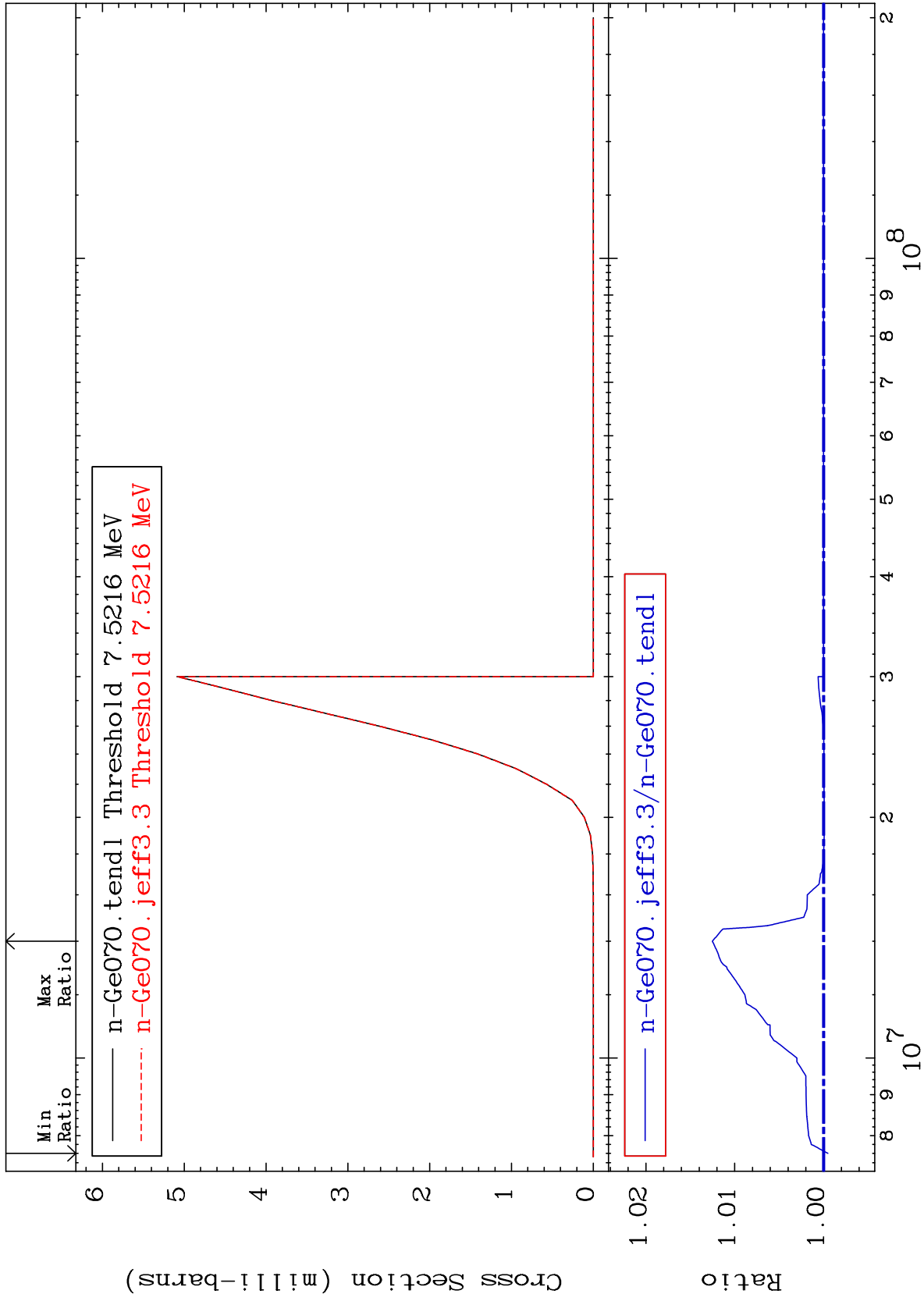
MAT 3225

(n, He-3)

³²Ge-70

Cross Section

-0.049 To 1.251 %



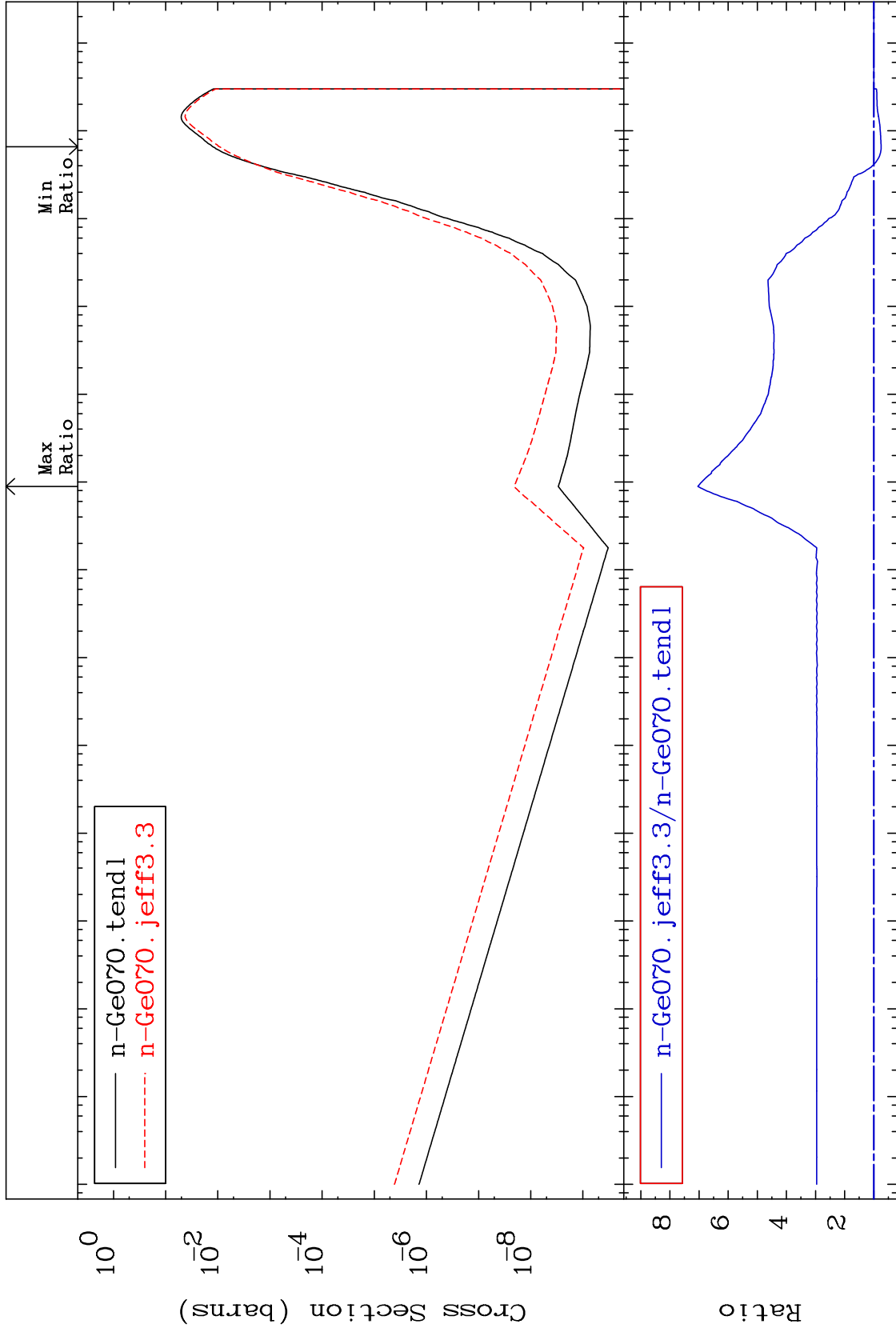
MAT 3225

(n, α)

32-Ge-70

Cross Section

-25.16 To 604.0 %



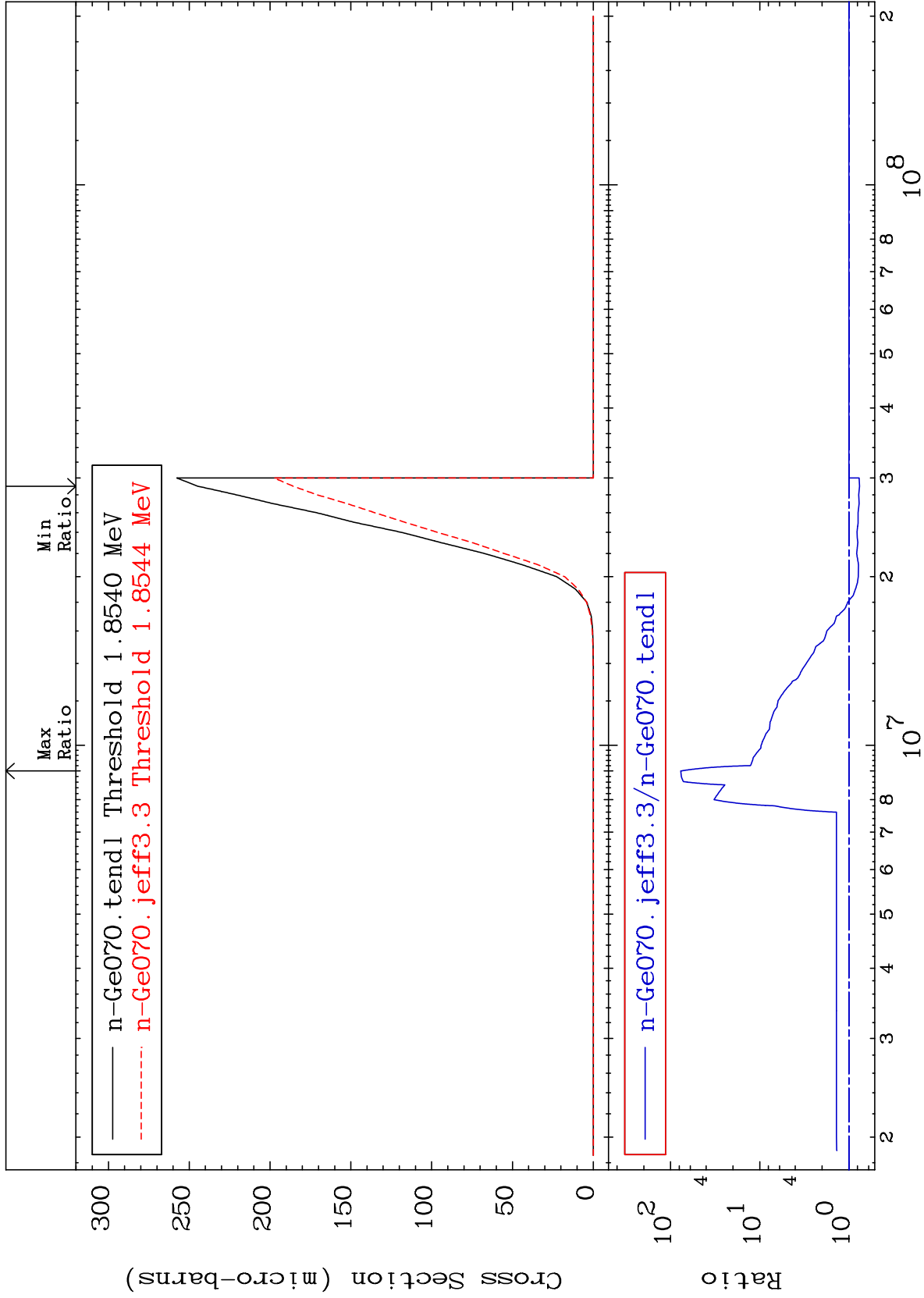
55

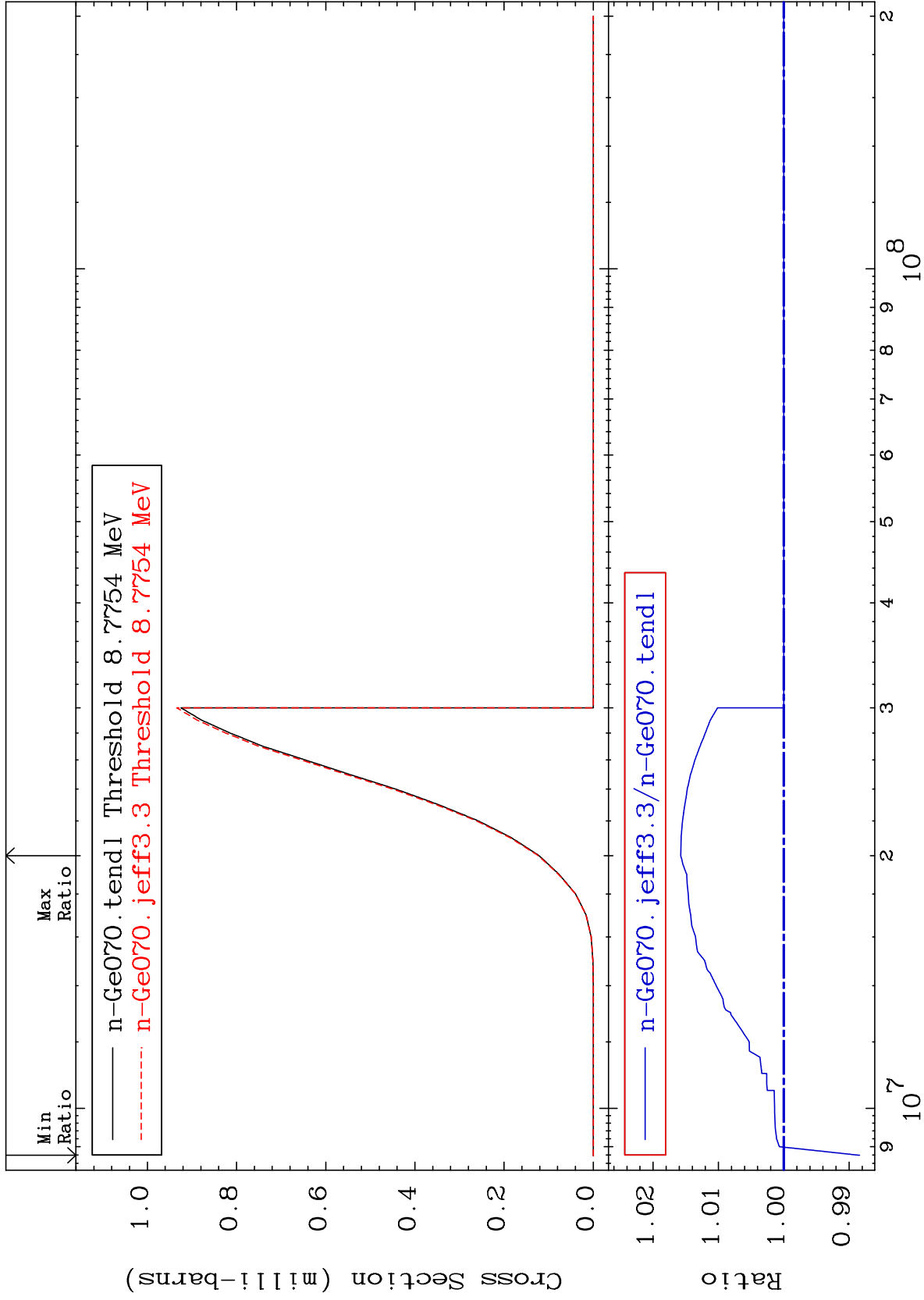
Incident Energy (eV)

32-Ge-70

-24.10 To 7593. %

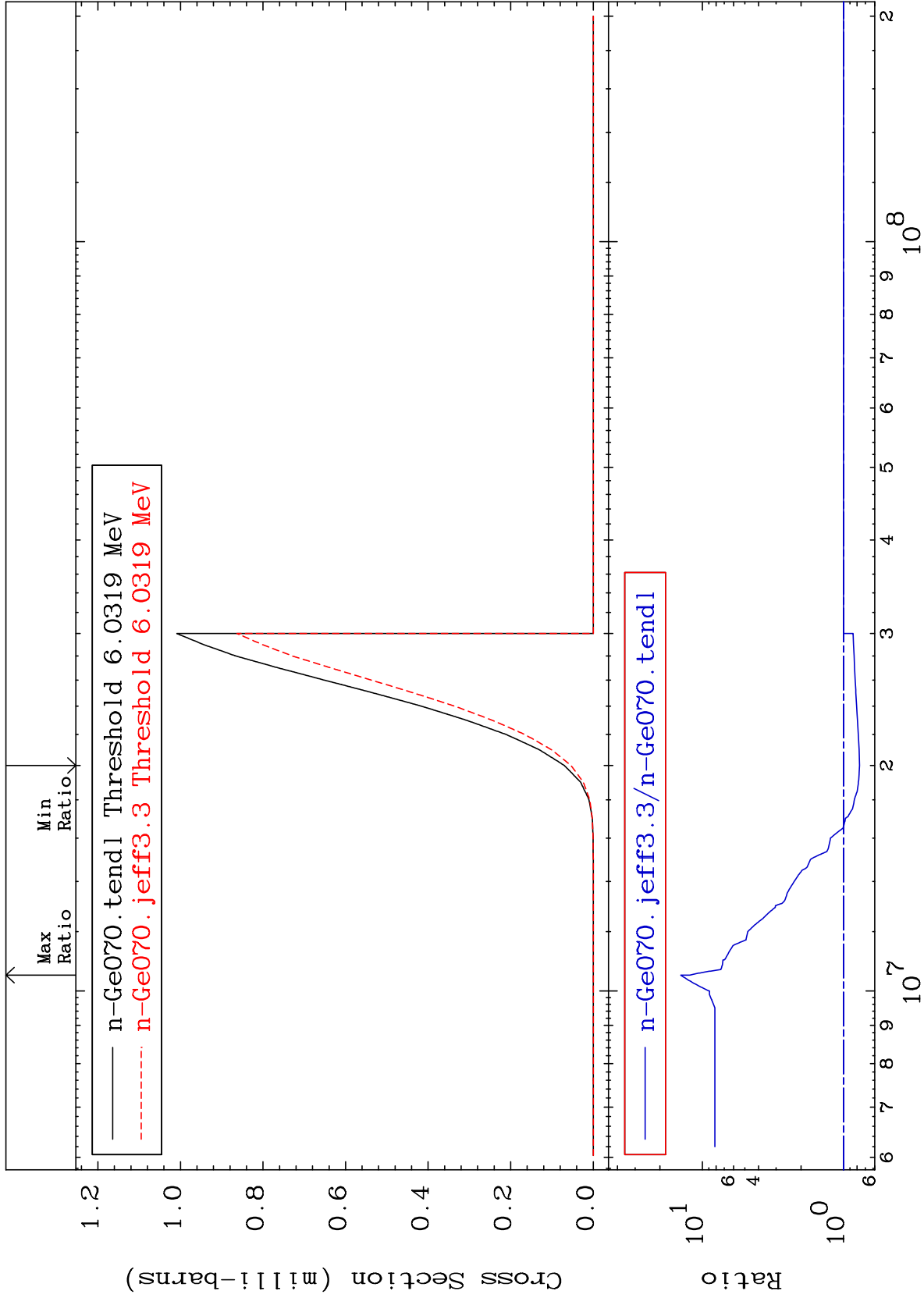
Cross Section





Cross Section

-23.08 To 1323. %



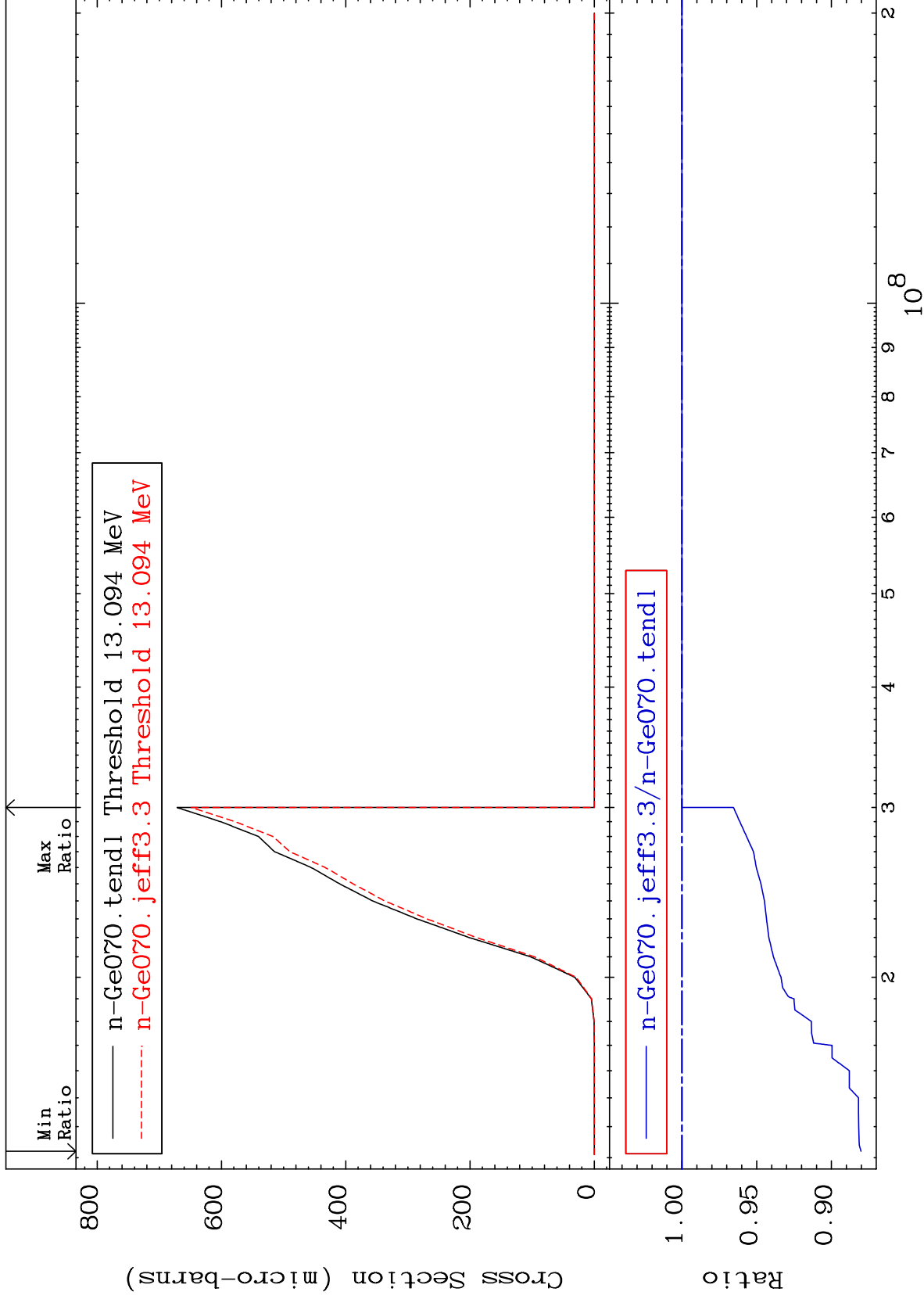
MAT 3225

(n, p) d

³²Ge-70

Cross Section

-11.97 To 0.000 %



59

Incident Energy (eV)

³²Ge-70

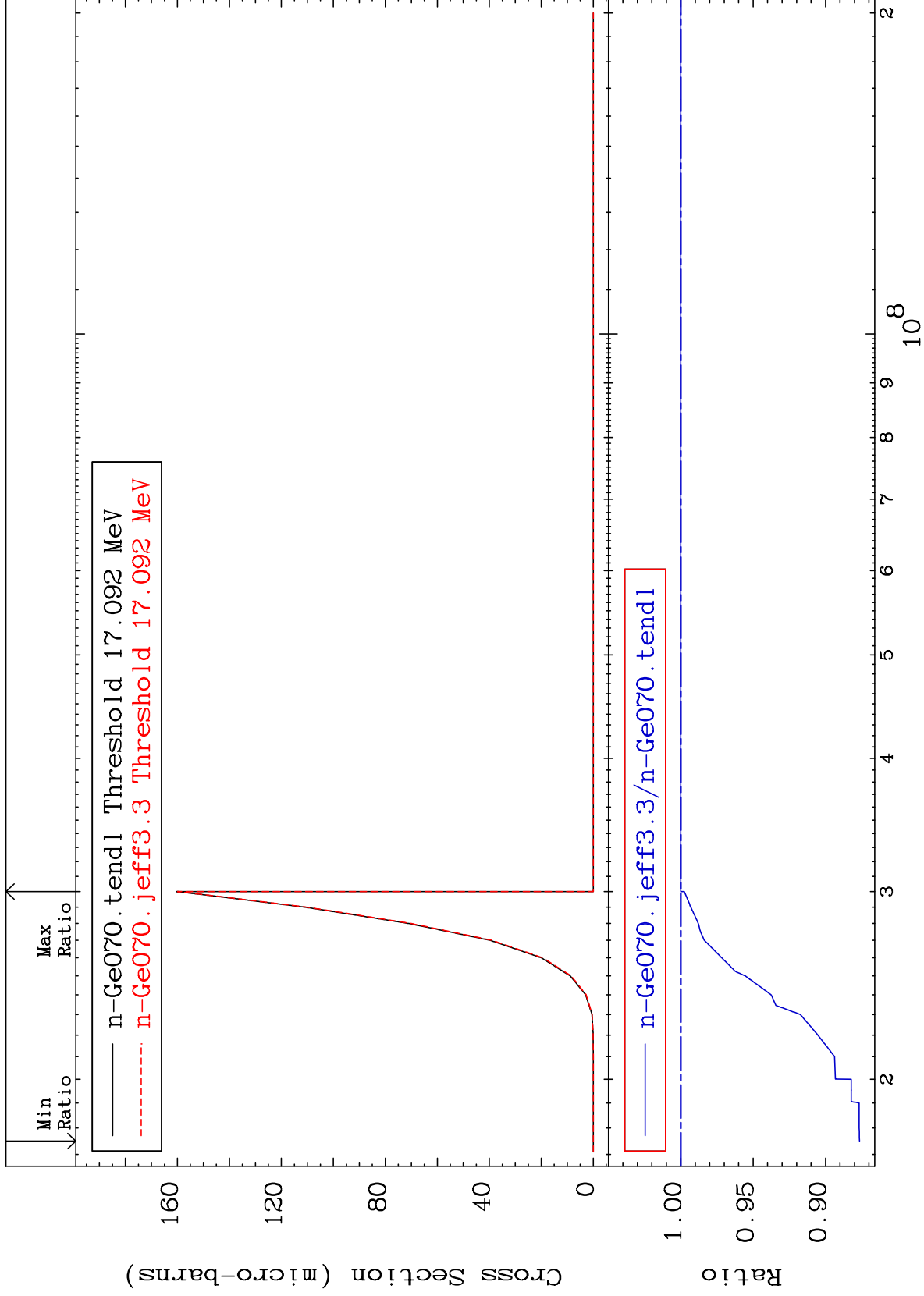
MAT 3225

(n,p) t

³²Ge-70

Cross Section

-12.35 To 0.000 %



60

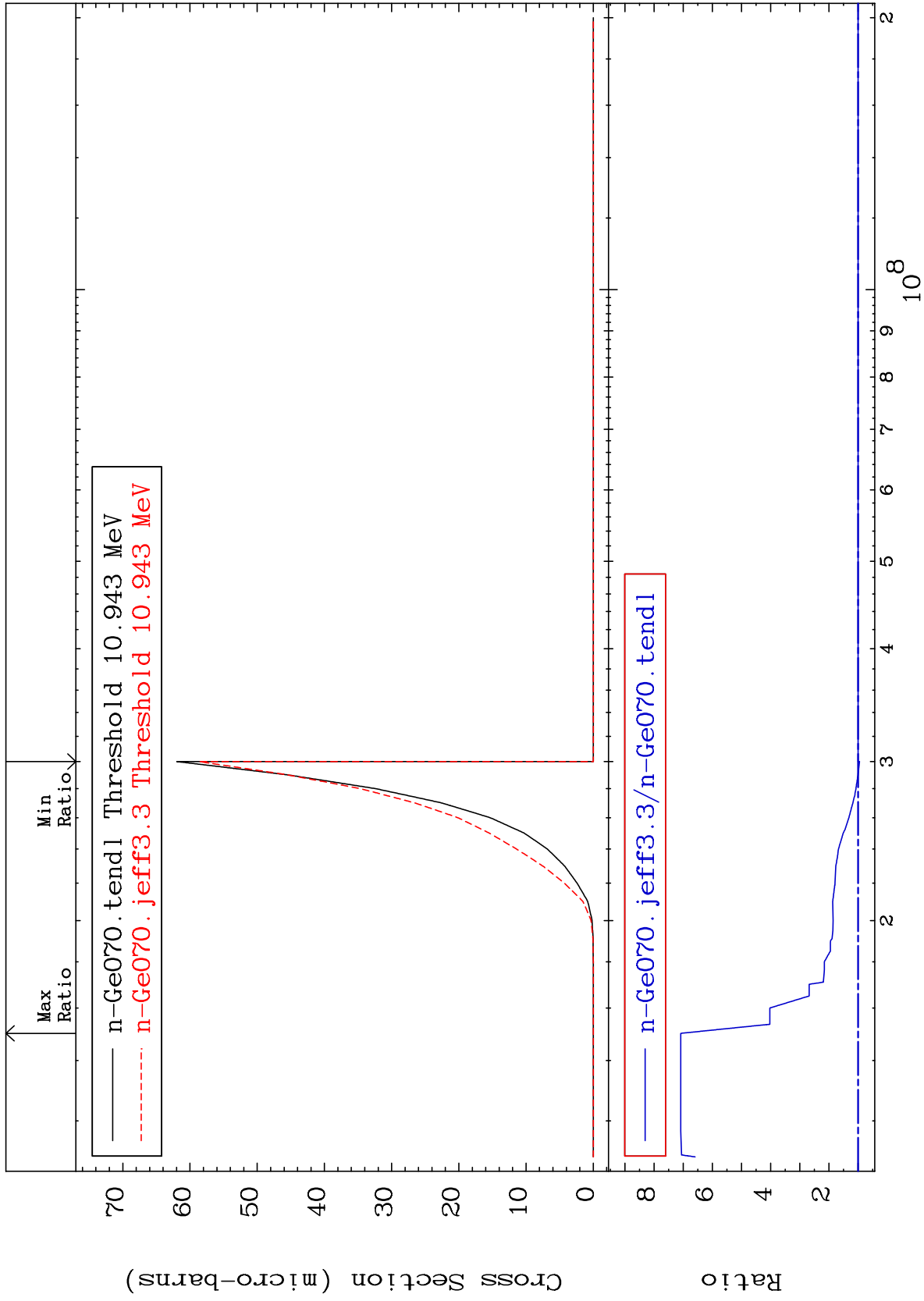
Incident Energy (eV)

³²Ge-70

MAT 3225

(n, d) α
Cross Section

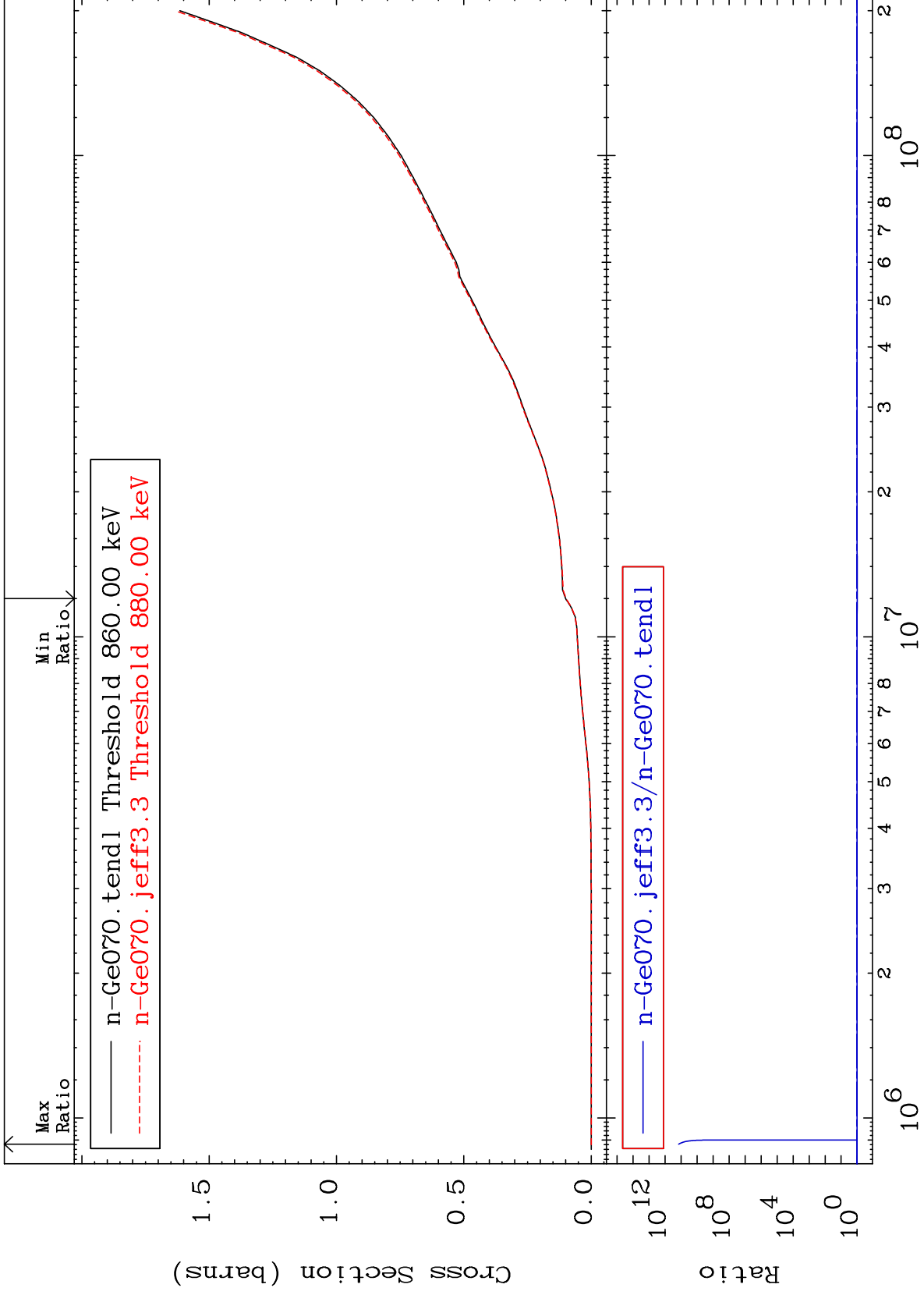
$^{32}\text{Ge-70}$
-5.343 To 608.3 %



61

Incident Energy (eV)

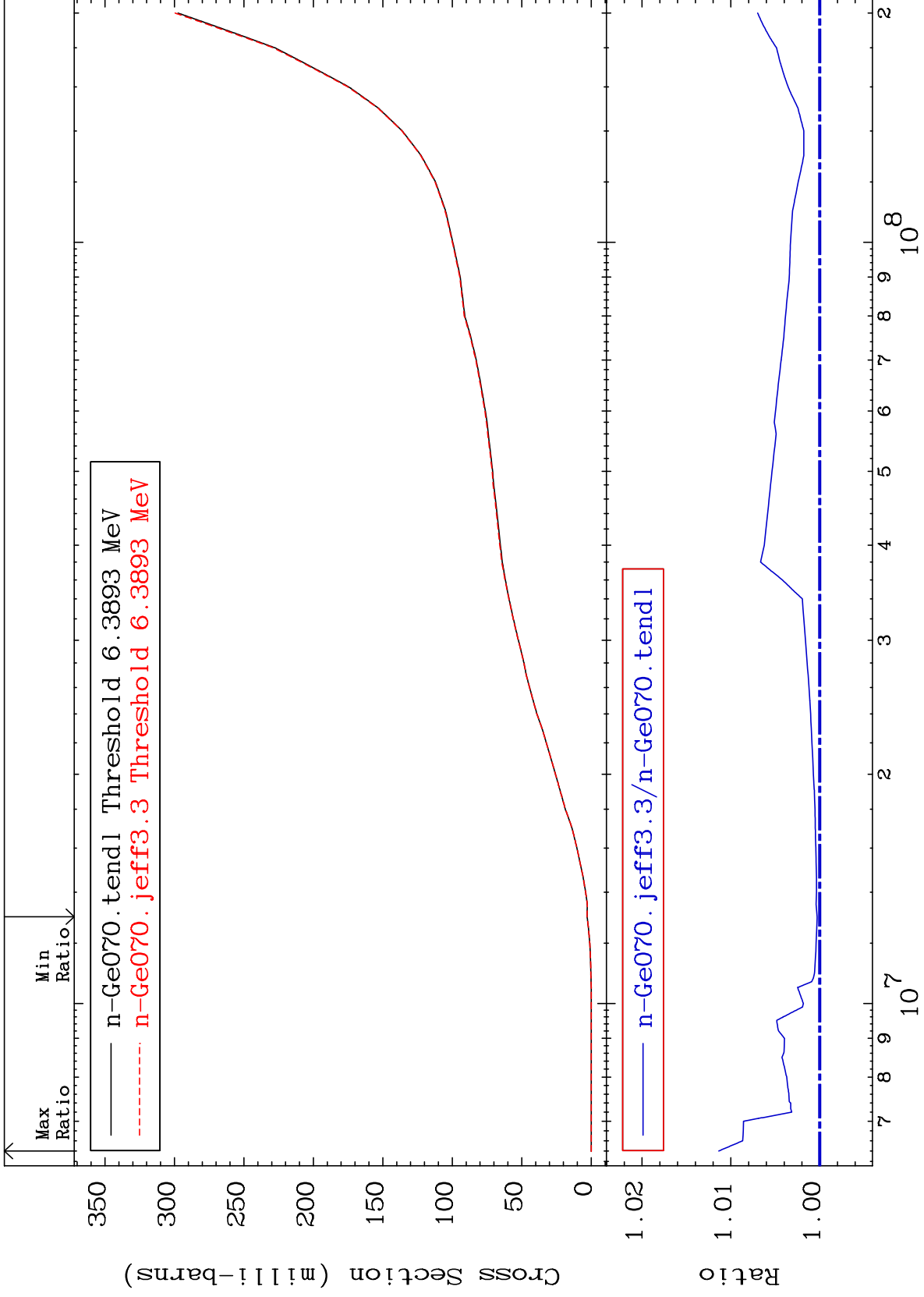
$^{32}\text{Ge-70}$



MAT 3225

Deuterium Production
Cross Section

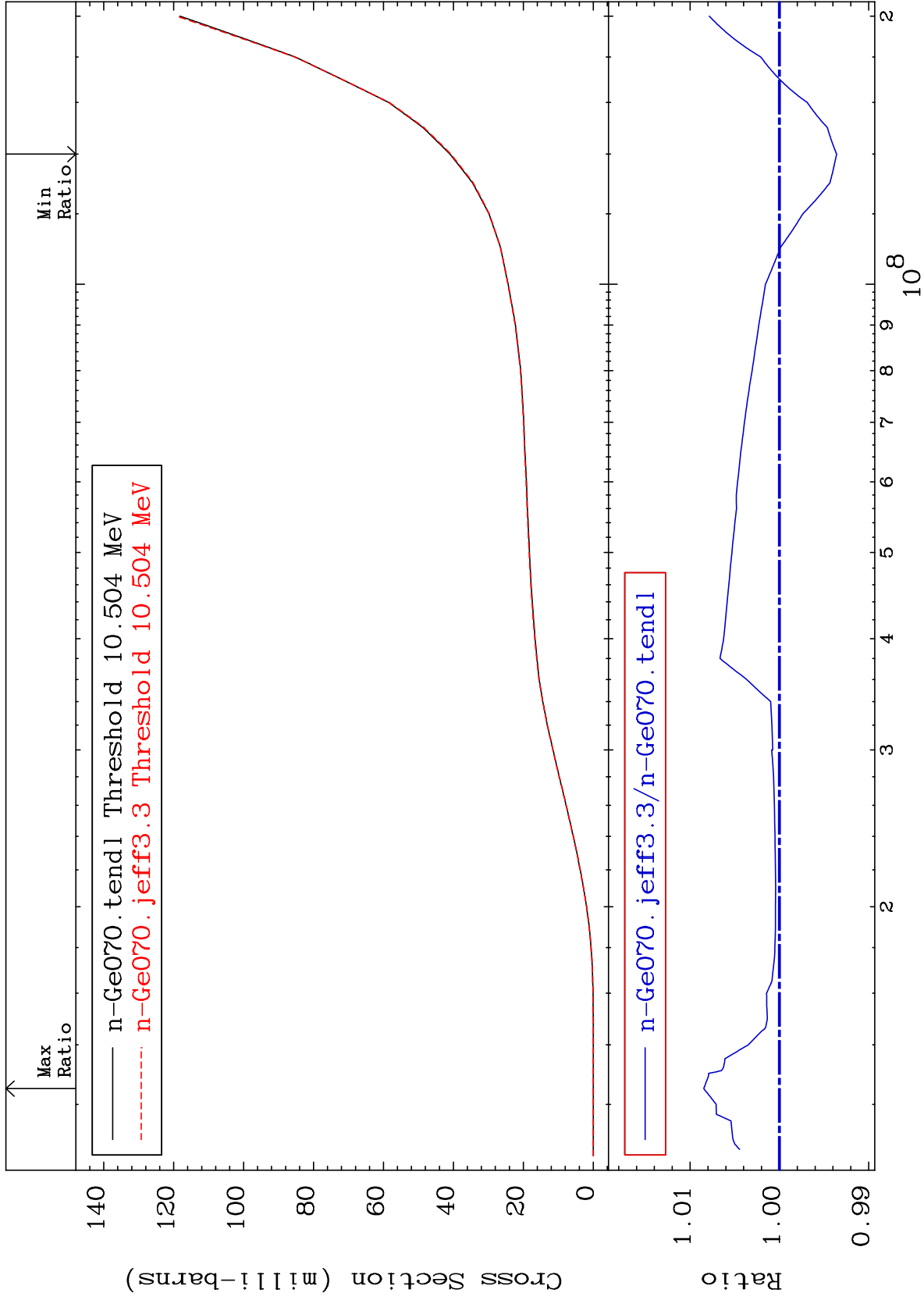
$^{32}\text{Ge-70}$
0.029 To 1.136 %



63

Incident Energy (eV)

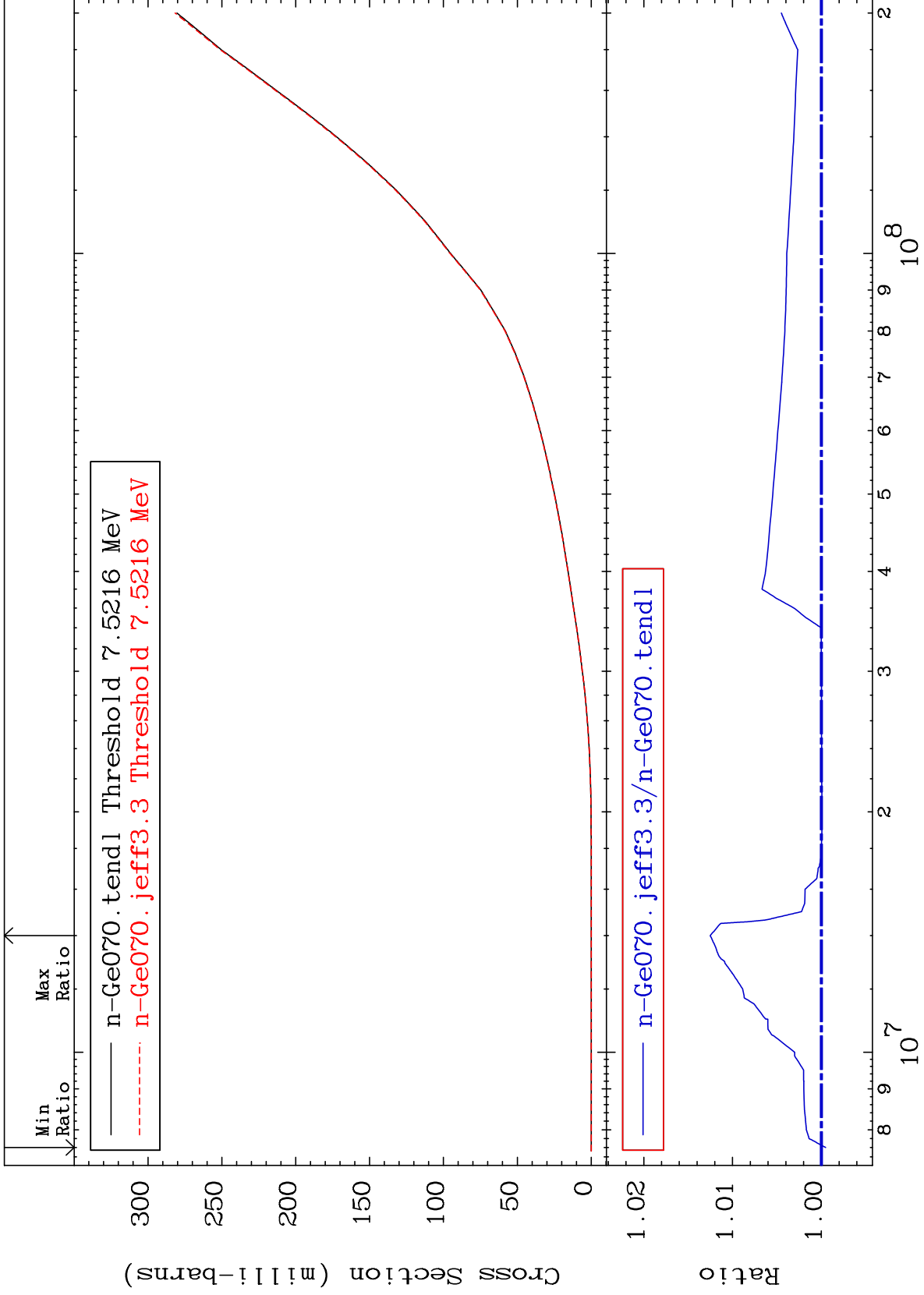
$^{32}\text{Ge-70}$



MAT 3225

He-3 Production
Cross Section

³²Ge-70
-0.049 To 1.251 %



65

Incident Energy (eV)

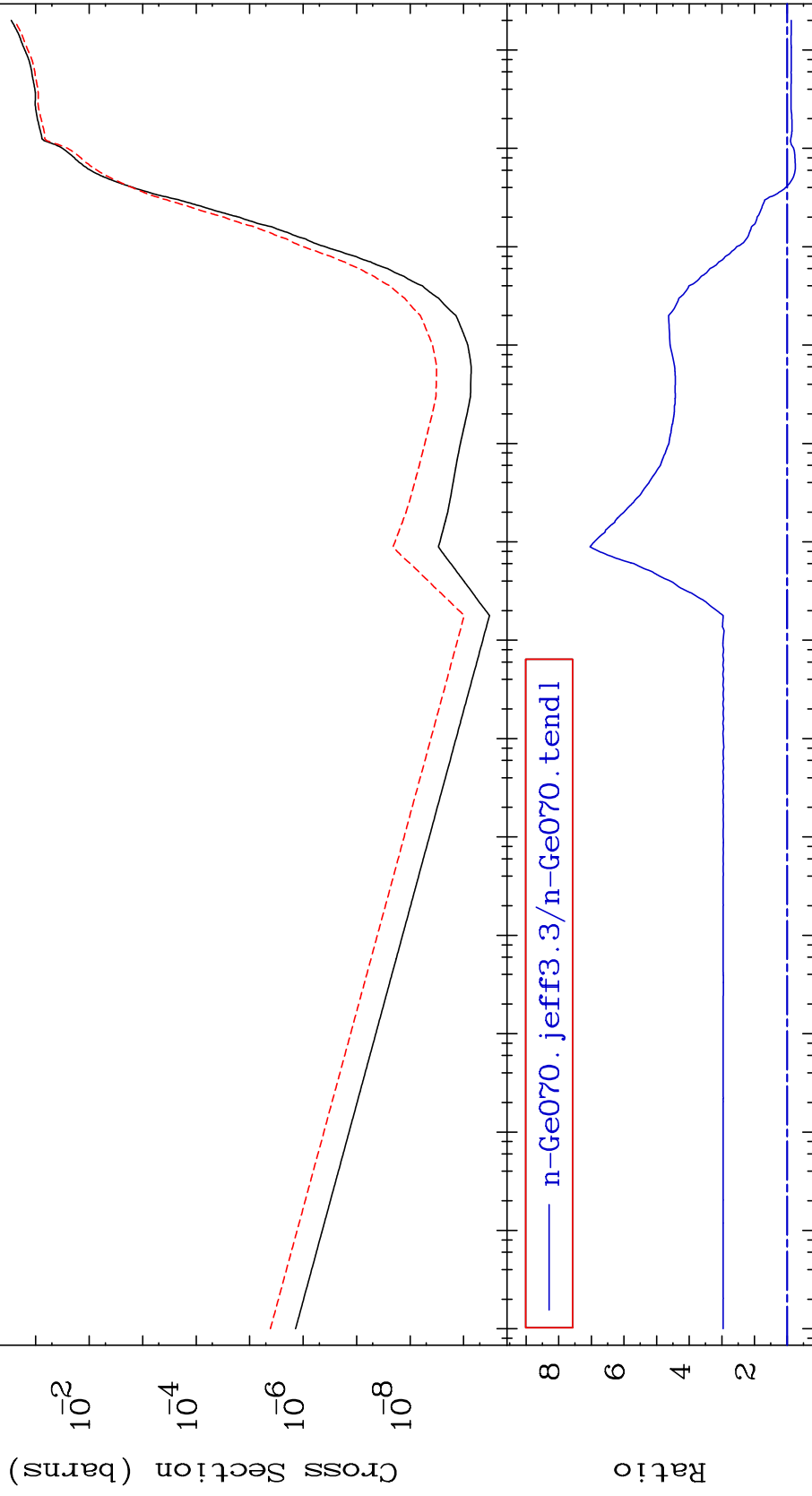
³²Ge-70

MAT 3225

He-4 Production
Cross Section

32-Ge-70
-25.16 To 604.0 %

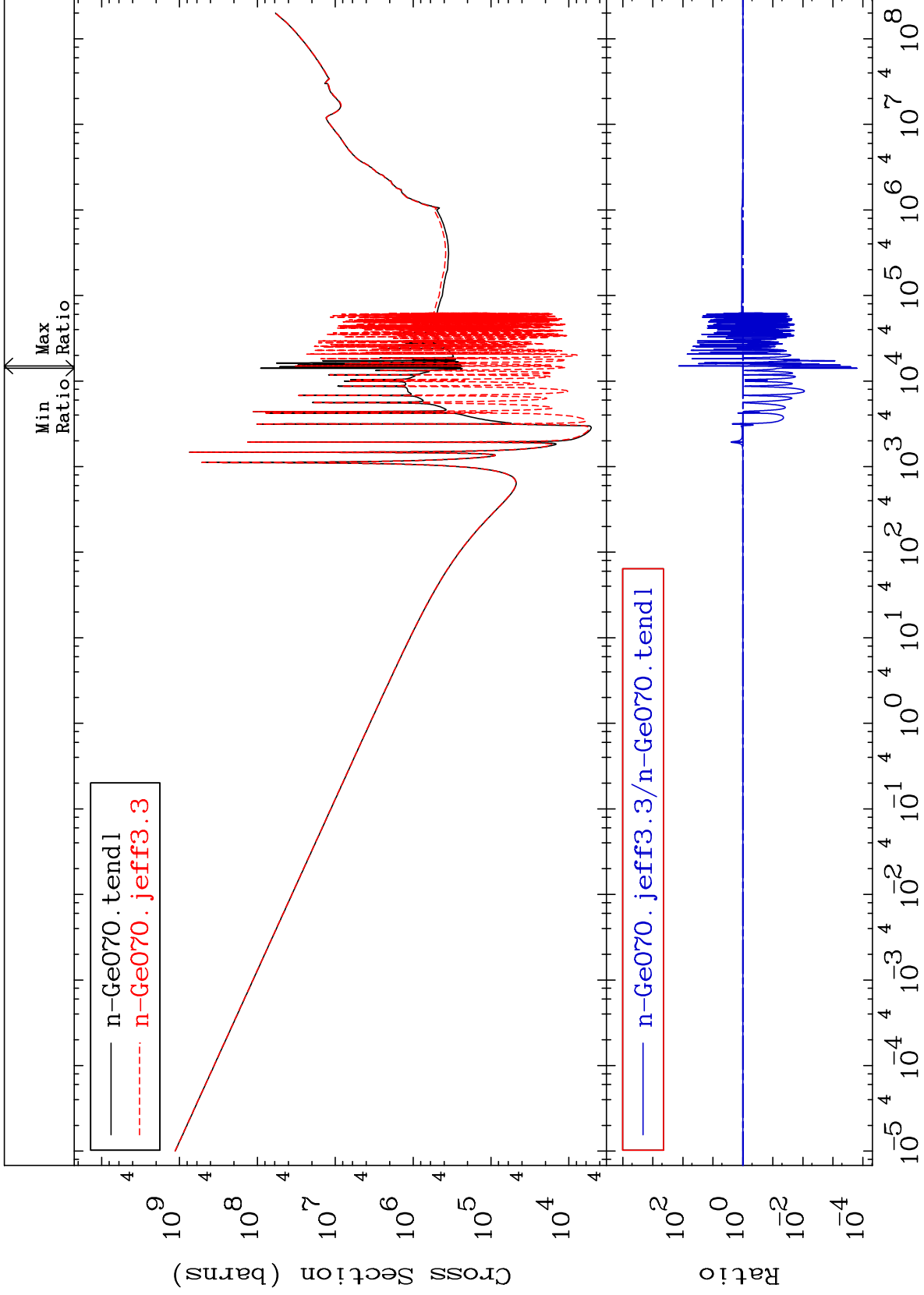
— n-Ge070.tendl
- - - n-Ge070.jeff3.3

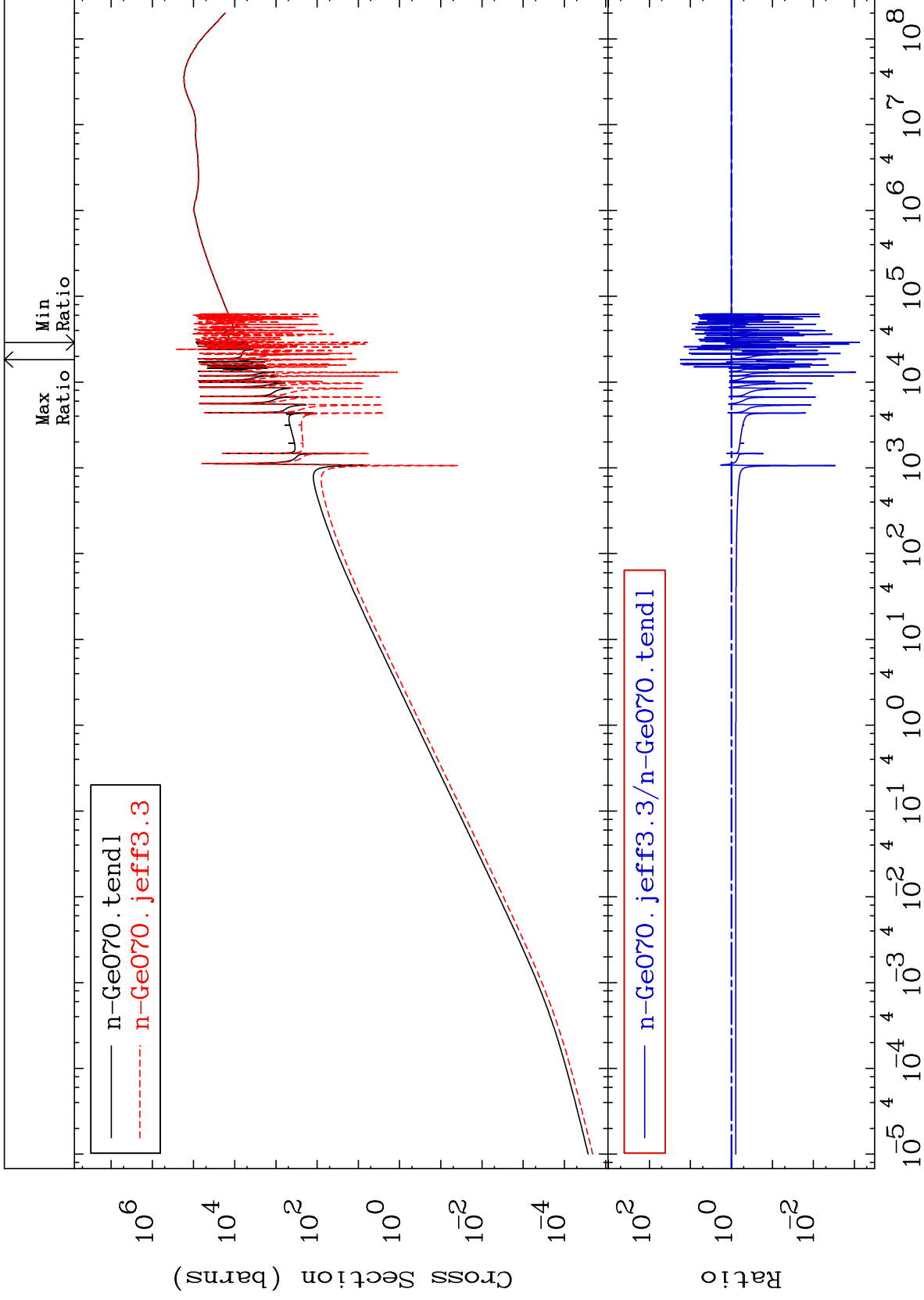


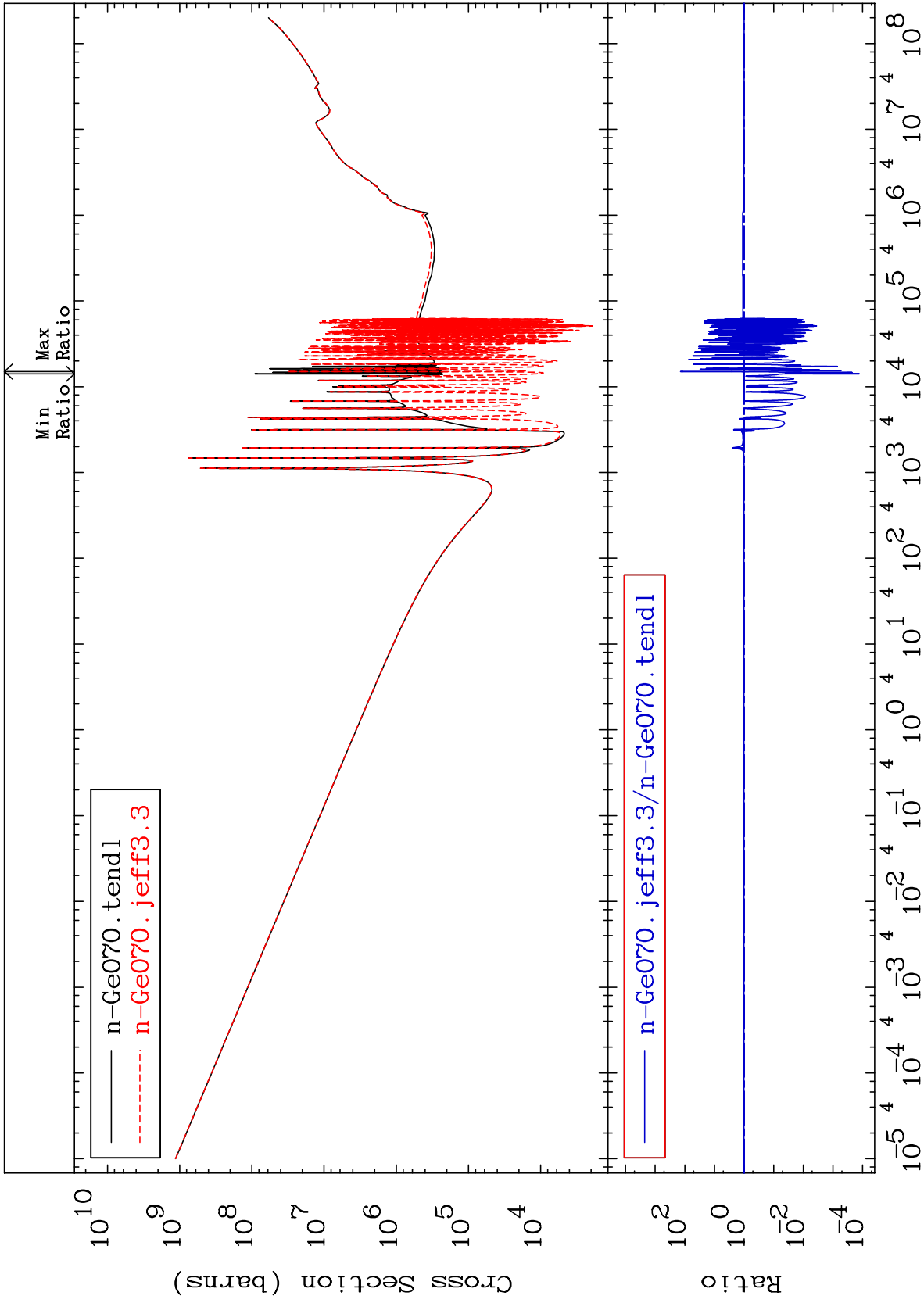
Incident Energy (eV)

32-Ge-70

66



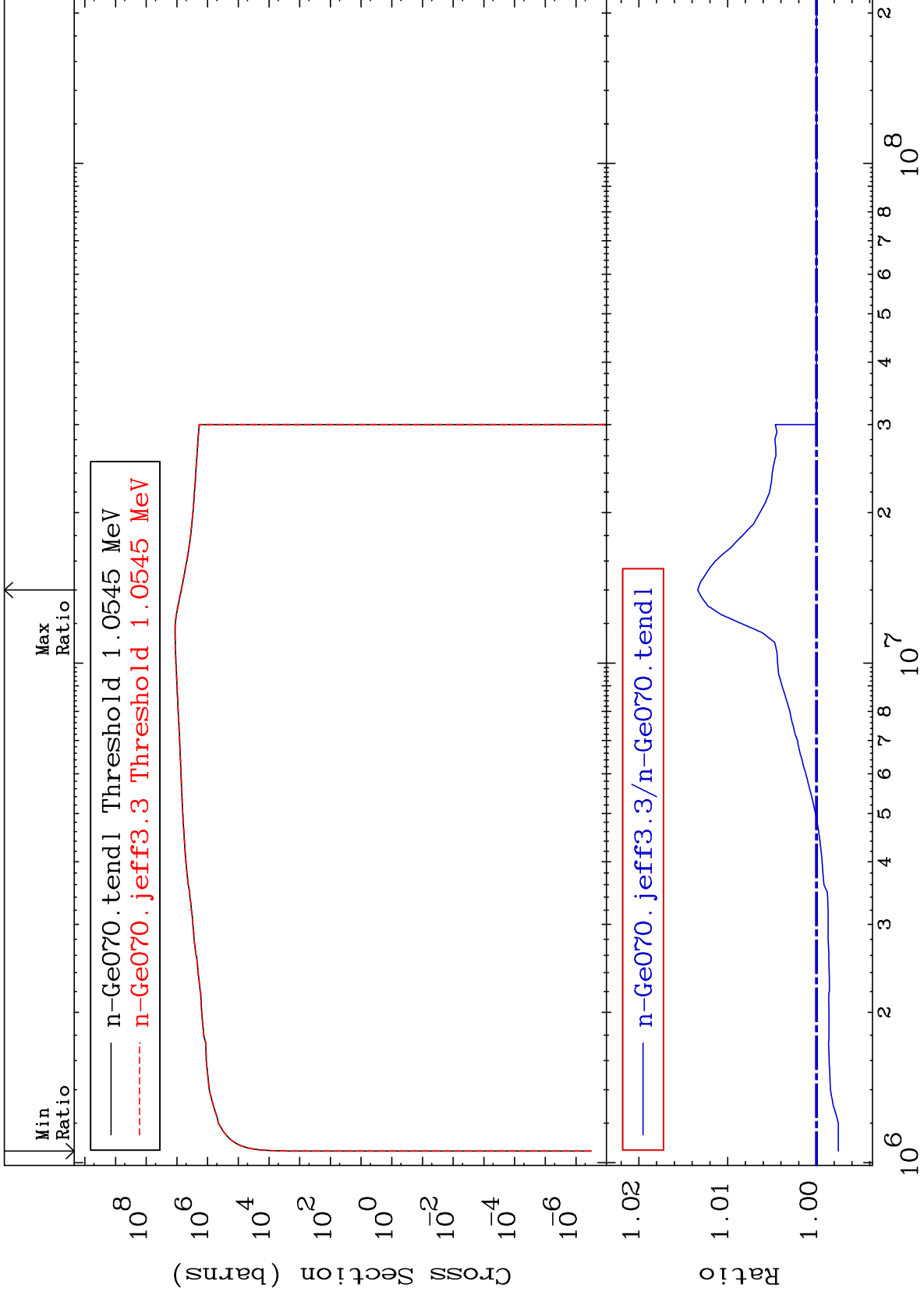




MAT 3225

Kerma inelastic (mt51-91)
Cross Section

32-Ge-70
-0.245 To 1.338 %



70

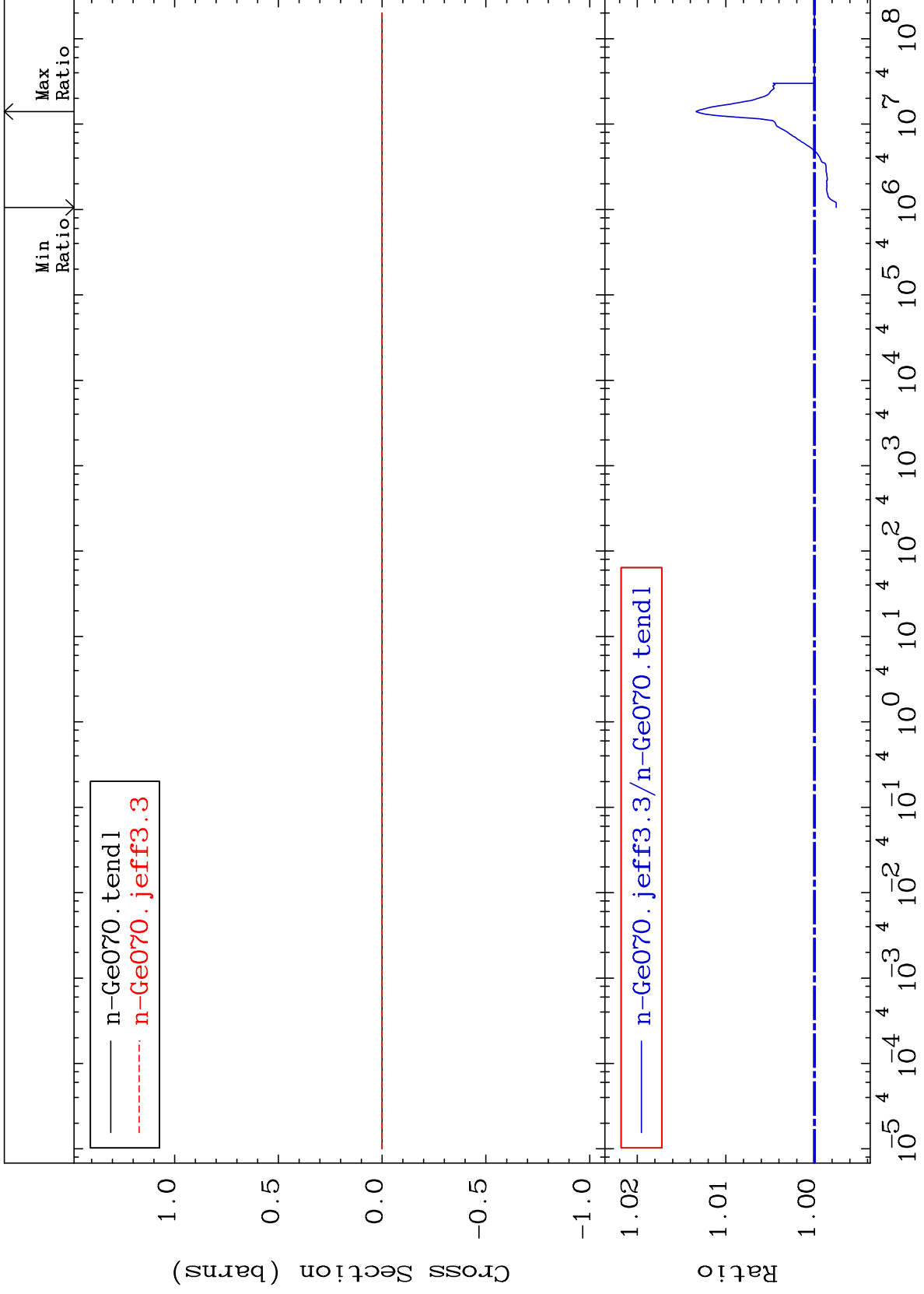
Incident Energy (eV)

32-Ge-70

MAT 3225

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

32-Ge-70
-0.245 To 1.338 %



71

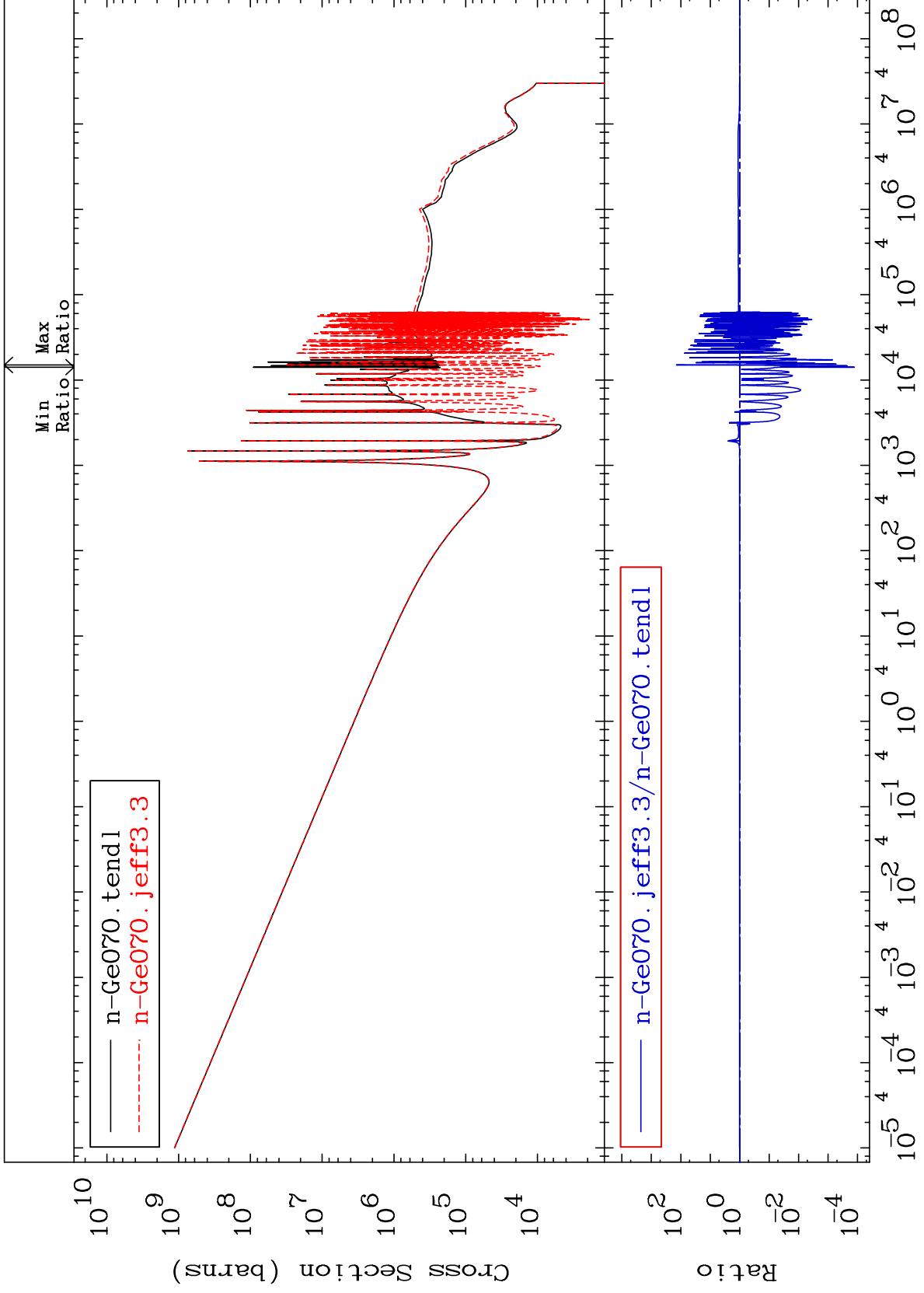
Incident Energy (eV)

32-Ge-70

MAT 3225

Kerma capture (mt102)
Cross Section

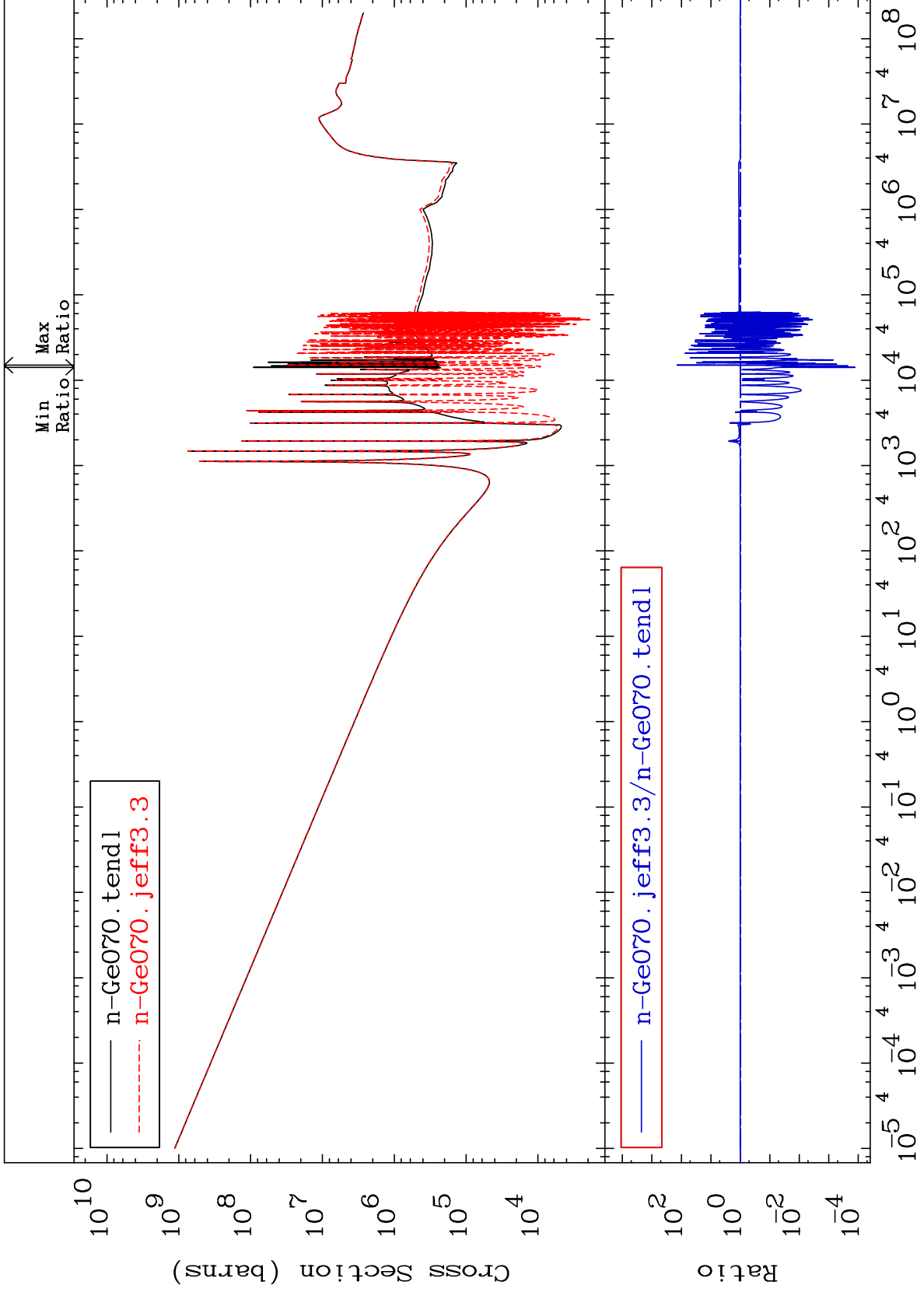
32-Ge-70
-99.99 To 9999. %

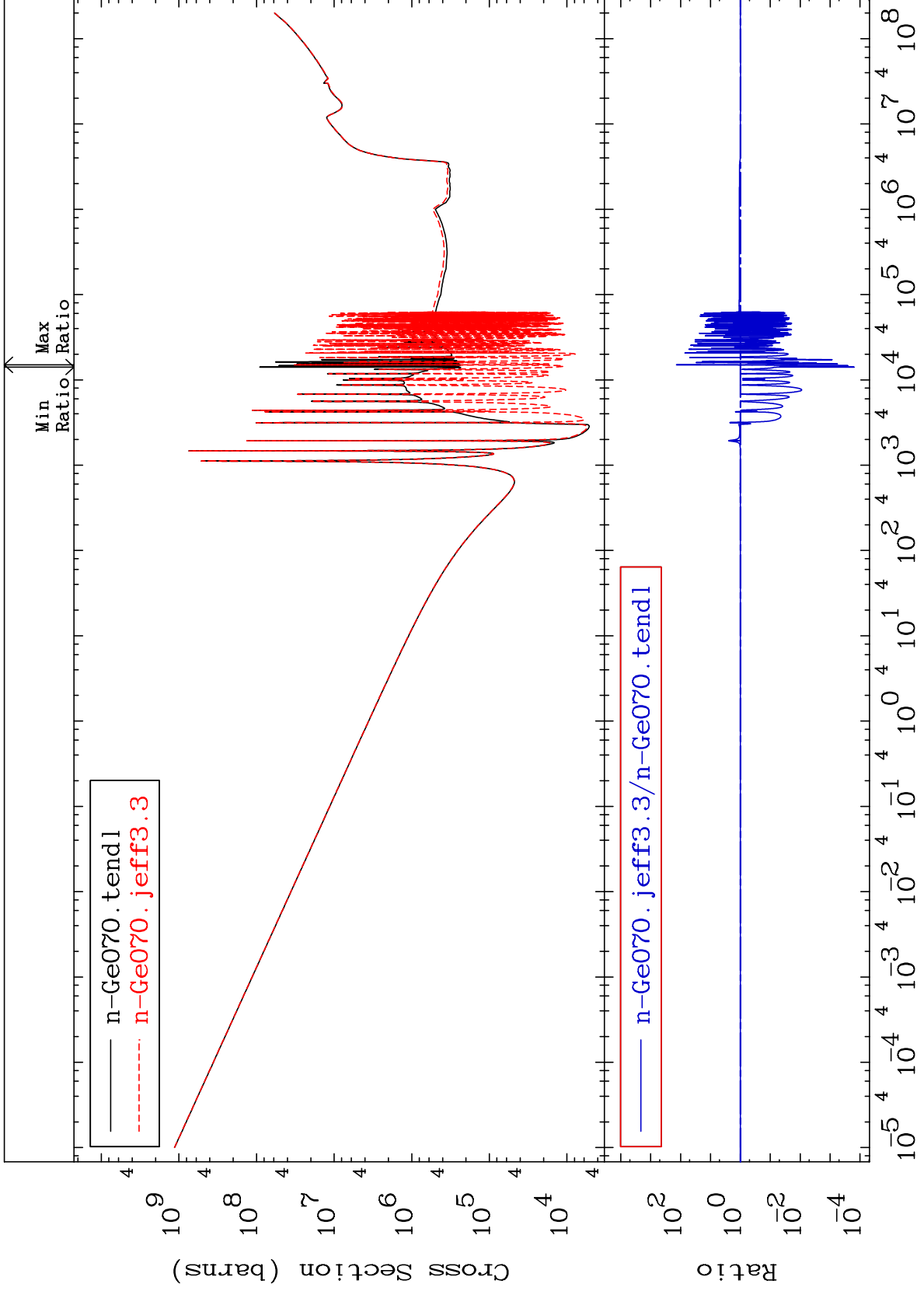


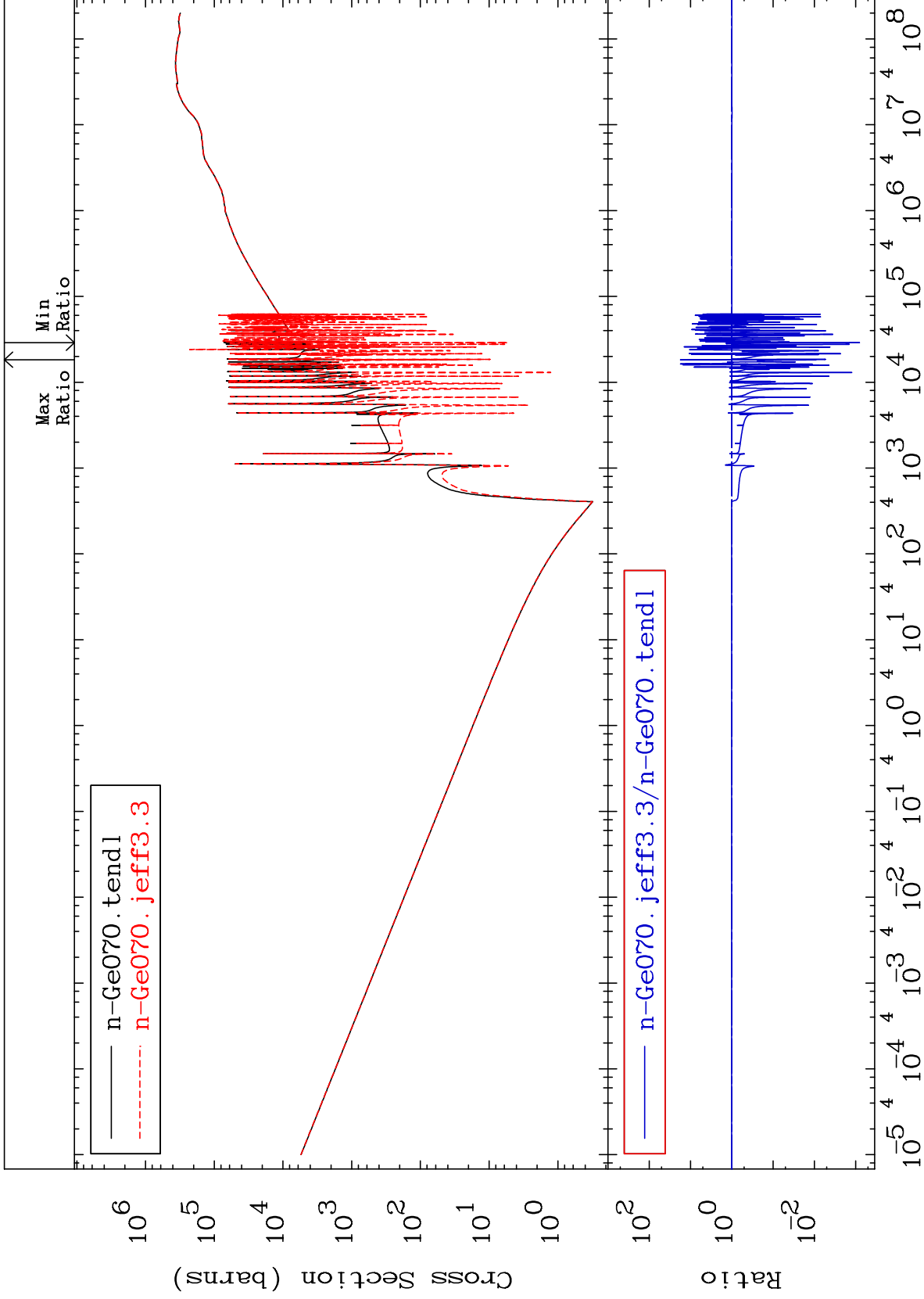
72

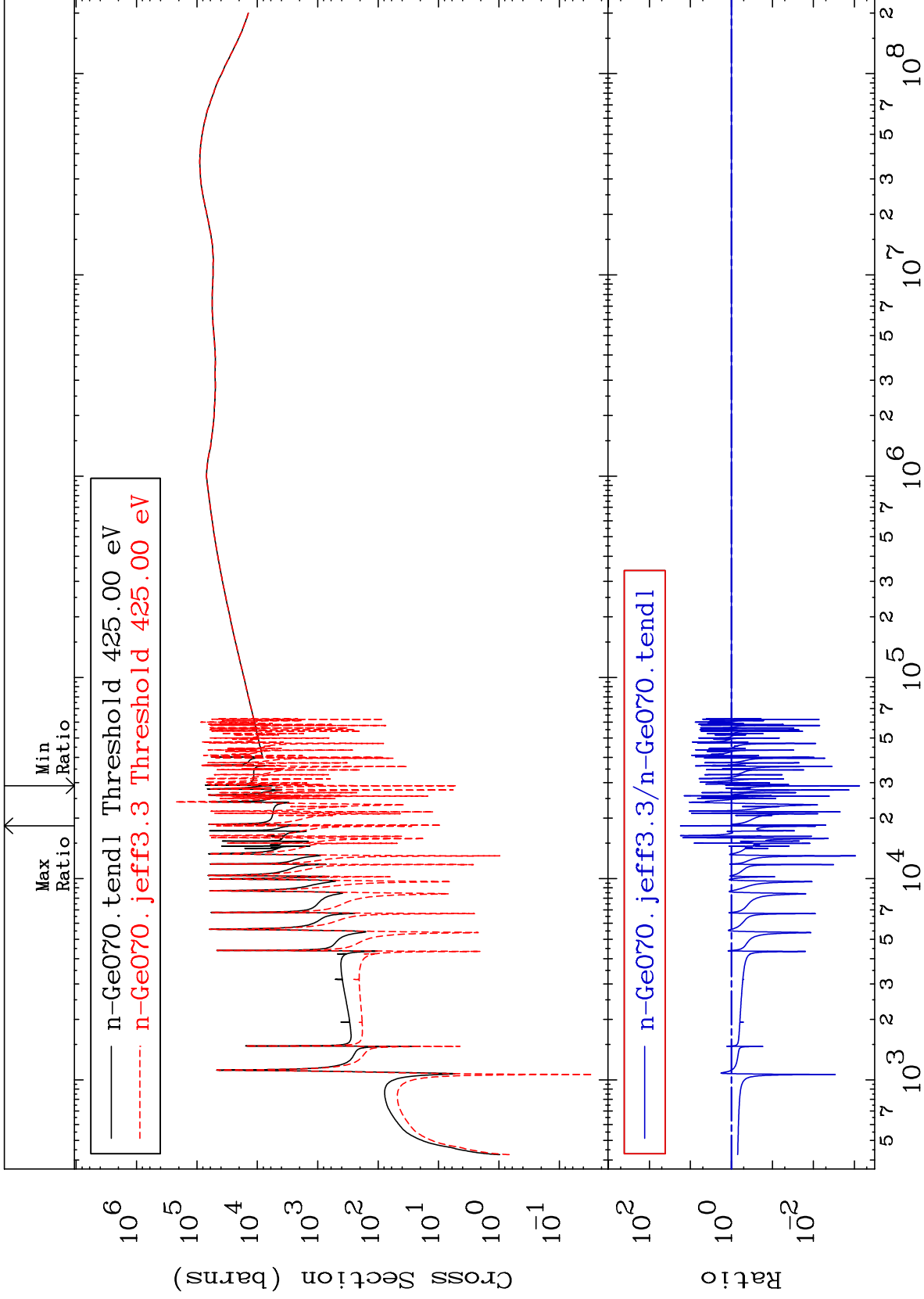
Incident Energy (eV)

32-Ge-70





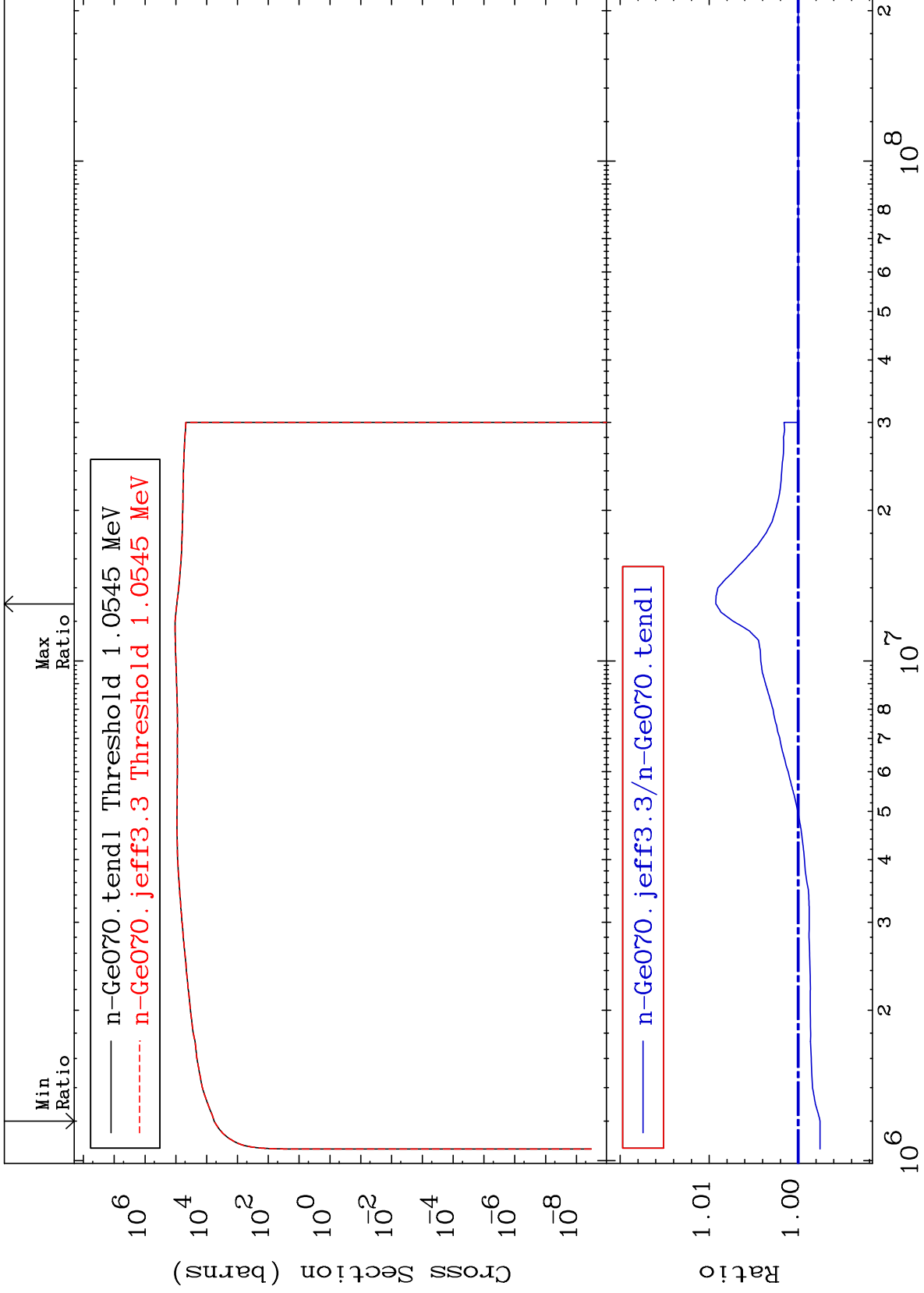




MAT 3225

Dpa inelastic (mt51-91)
Cross Section

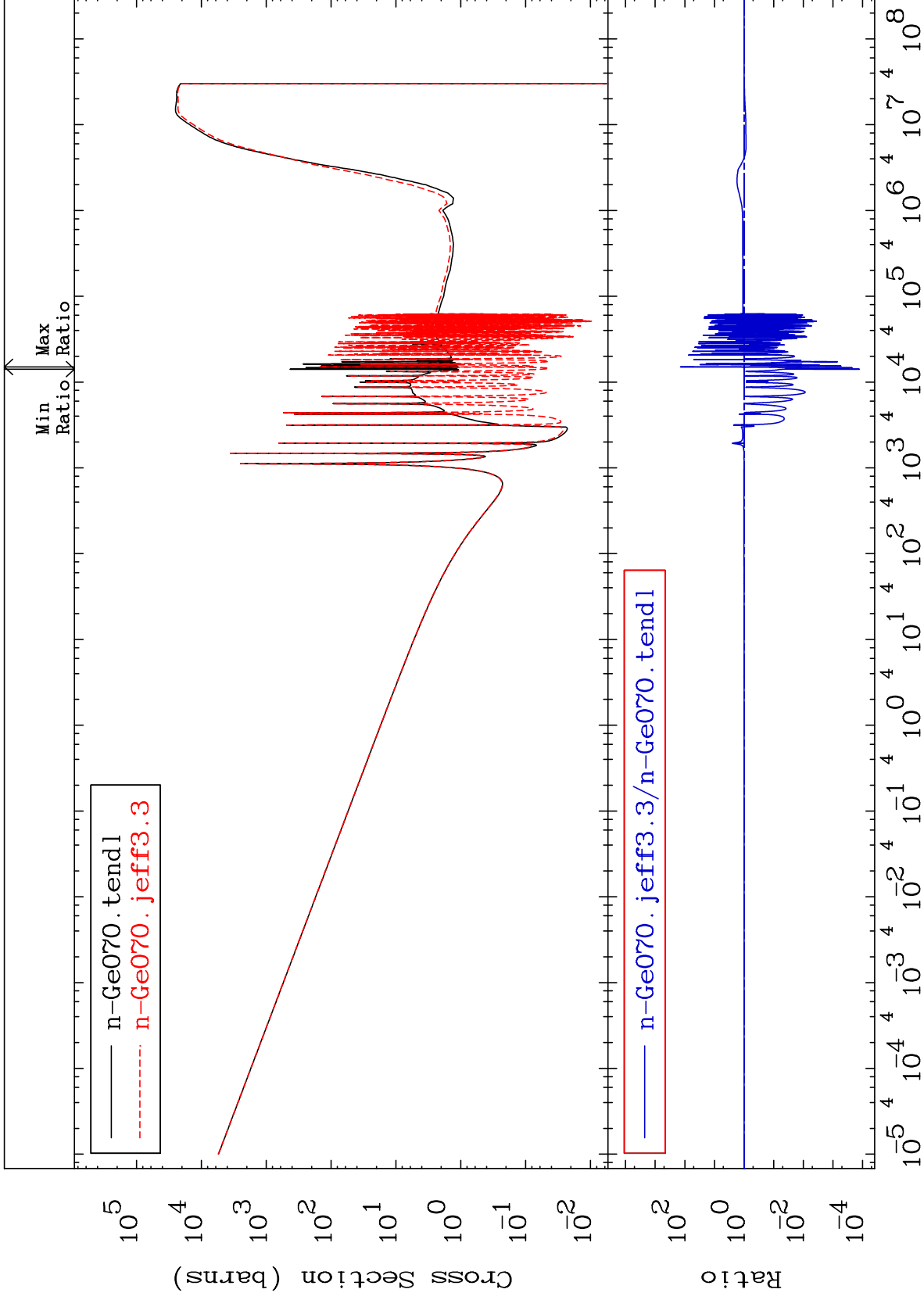
32-Ge-70
-0.245 To 0.926 %

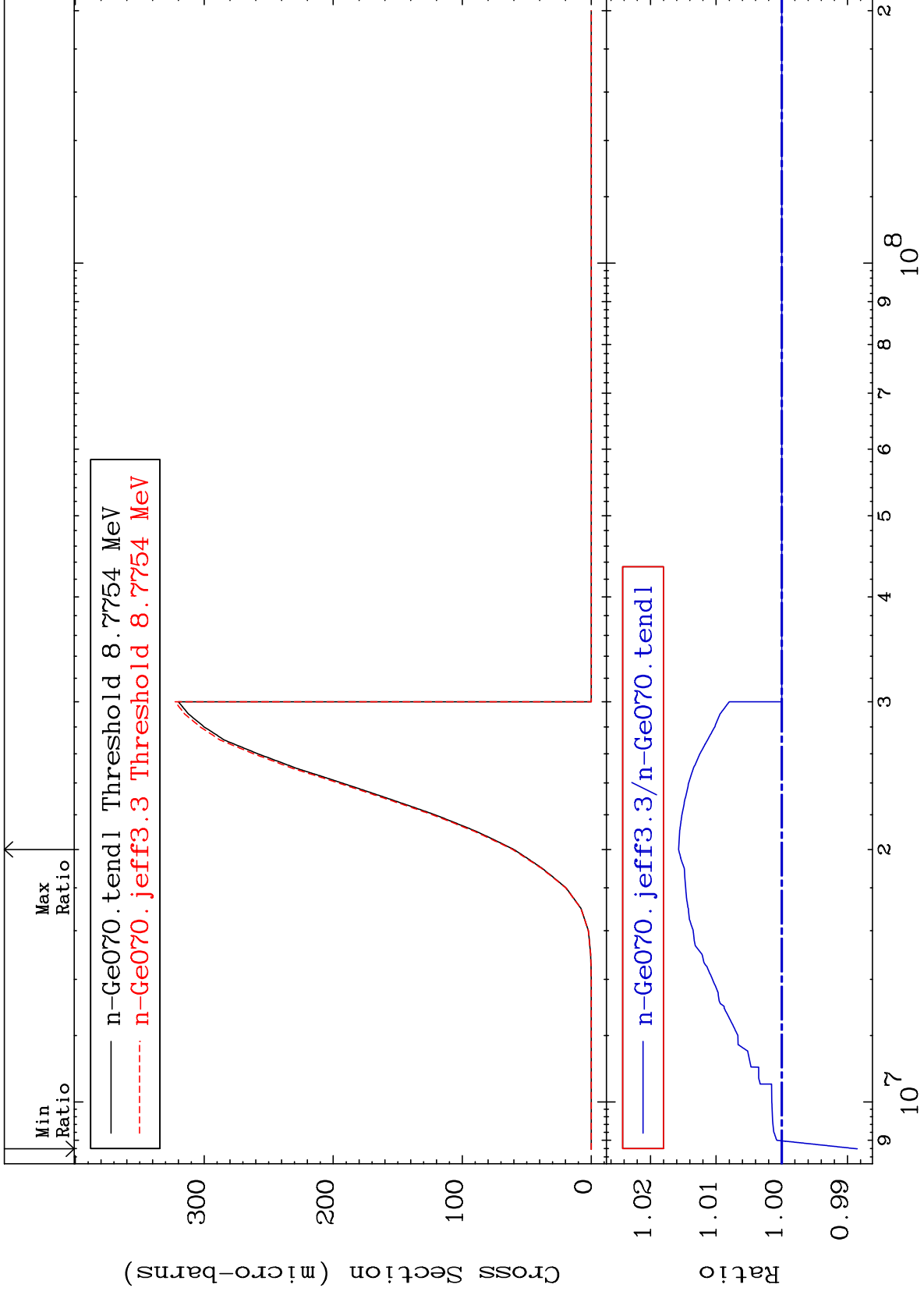


77

Incident Energy (eV)

32-Ge-70





Radionuclide Production Cross Section -1.248 To 1.586 %

