

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

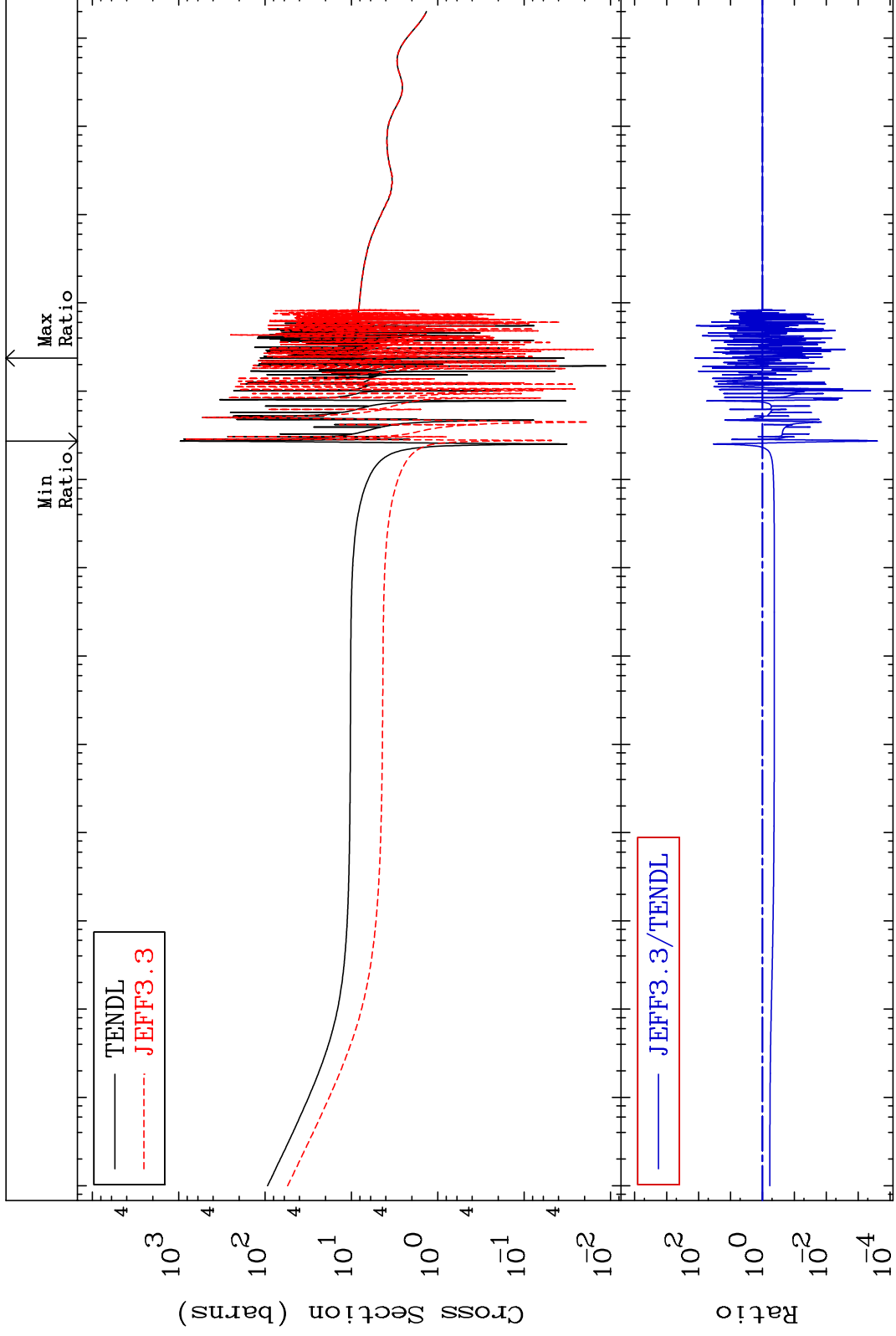
MAT 3237

Total

32-Ge-74

Cross Section

-99.97 To 9999. %



Incident Energy (eV)

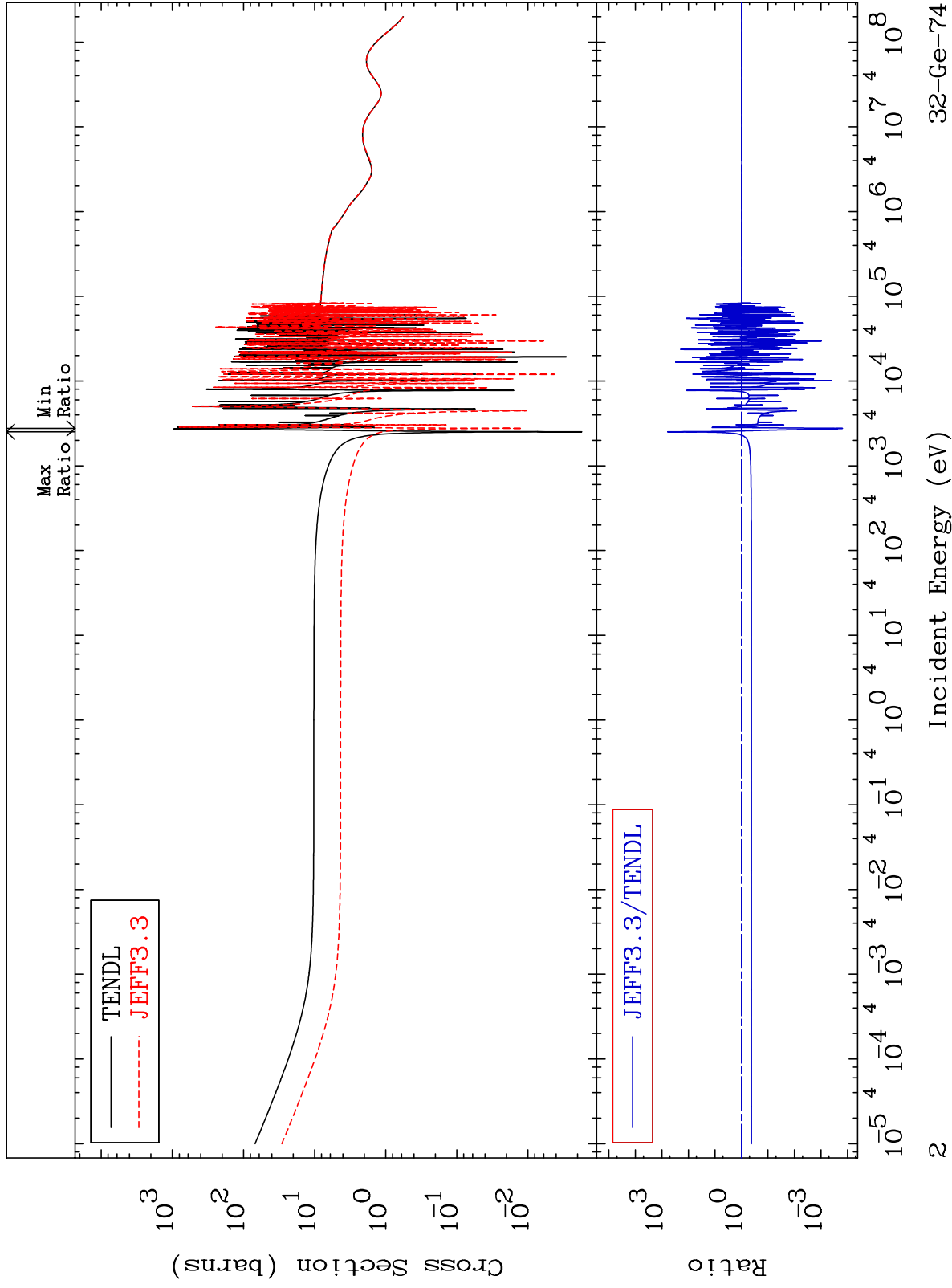
32-Ge-74

1

MAT 3237

Elastic
Cross Section

32-Ge-74
-99.98 To 9999. %

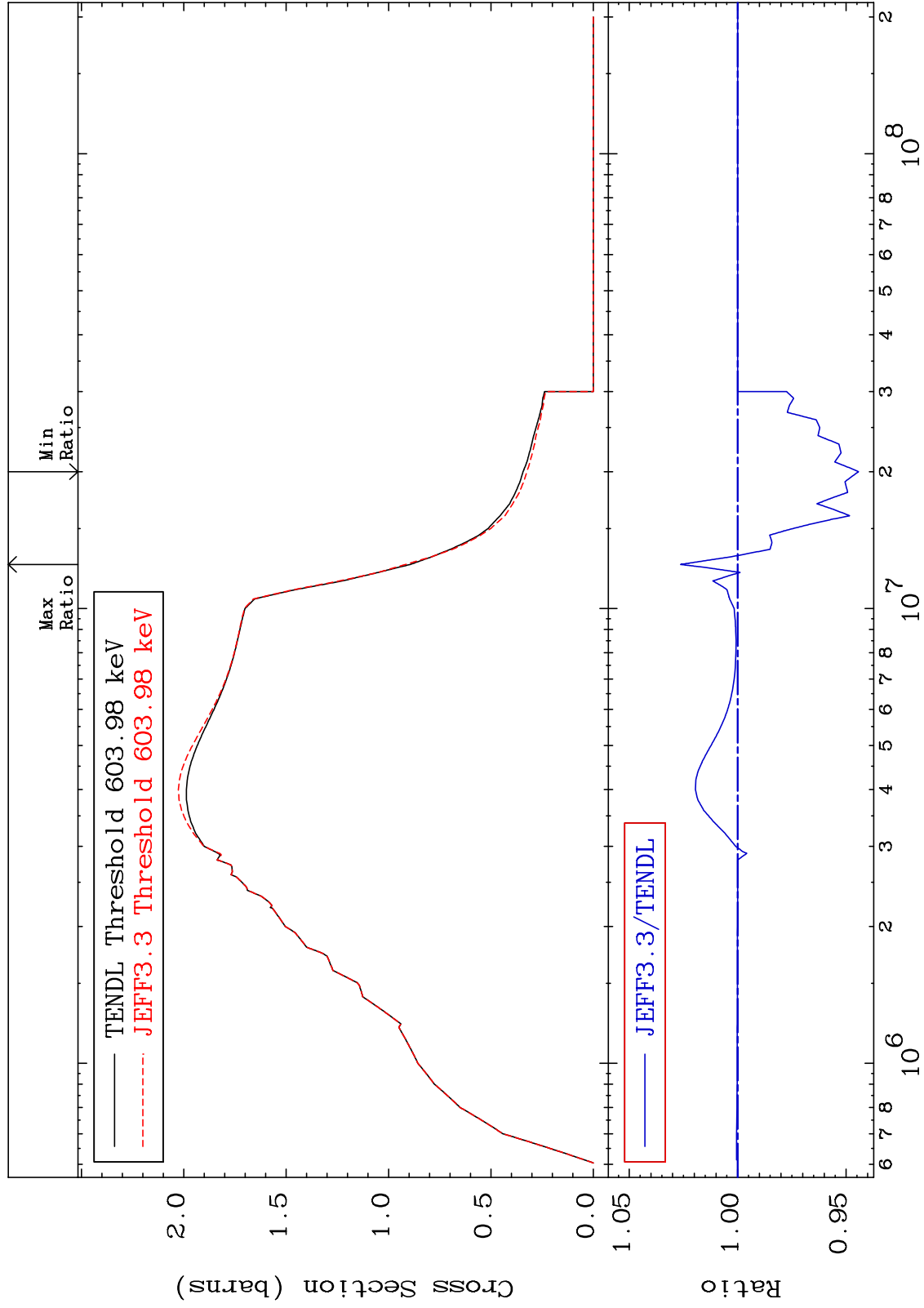


MAT 3237

Inelastic
Cross Section

32-Ge-74

-5.576 To 2.640 %



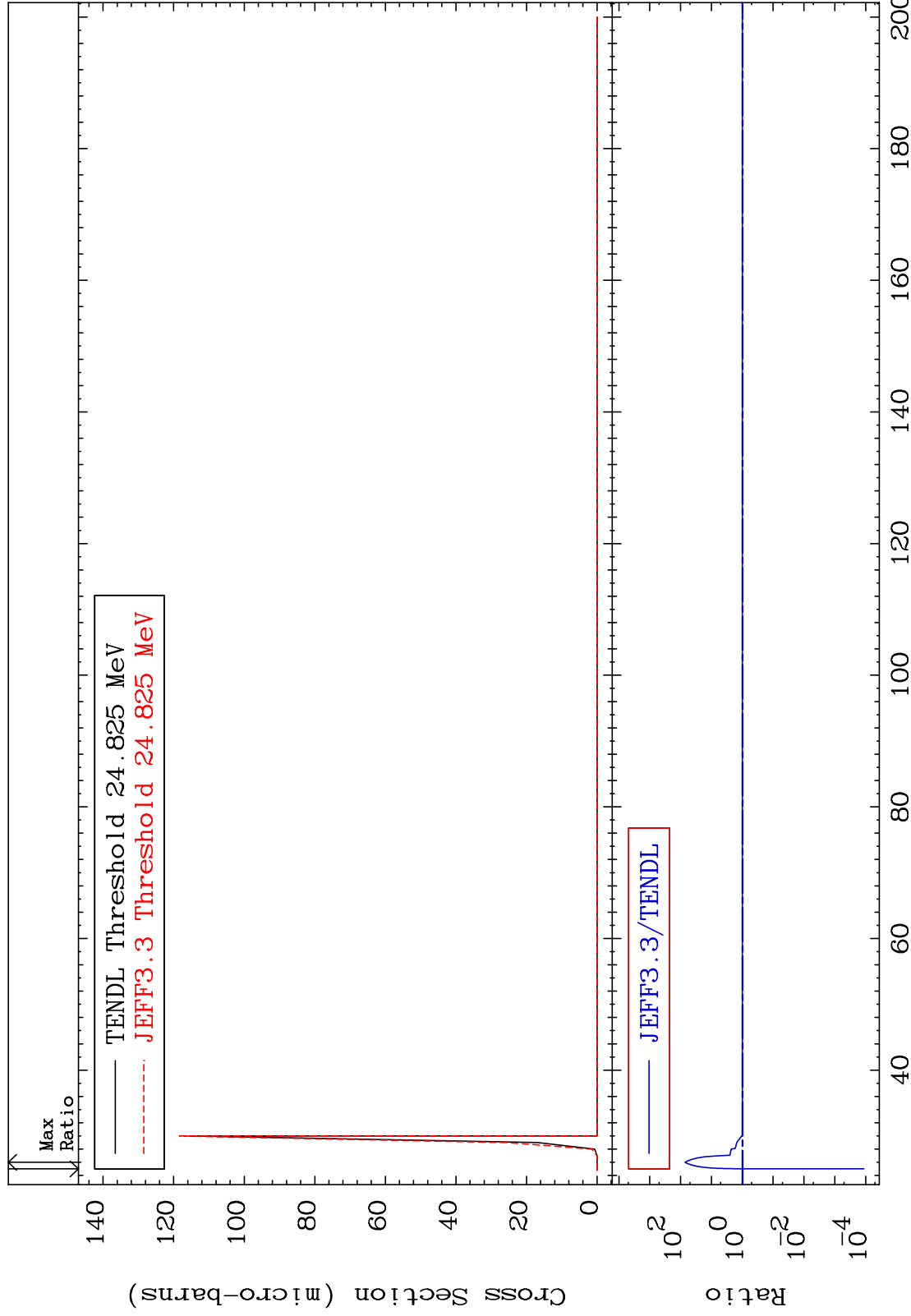
MAT 3237

(n,2n) d

³²Ge-74

Cross Section

-99.99 To 7209. %



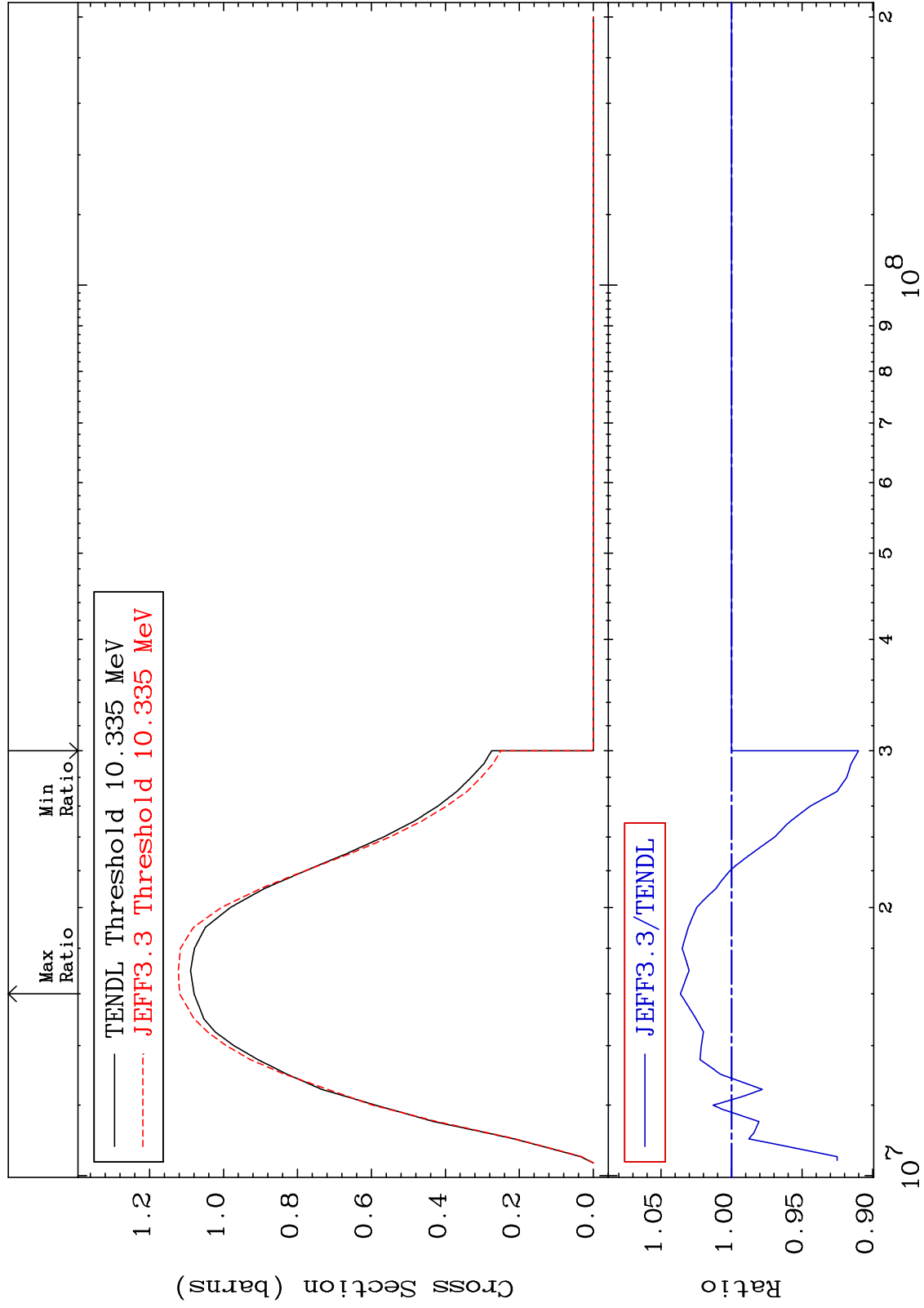
MAT 3237

(n,2n)

32-Ge-74

Cross Section

-8.994 To 3.627 %



Incident Energy (eV)

32-Ge-74

MAT 3237

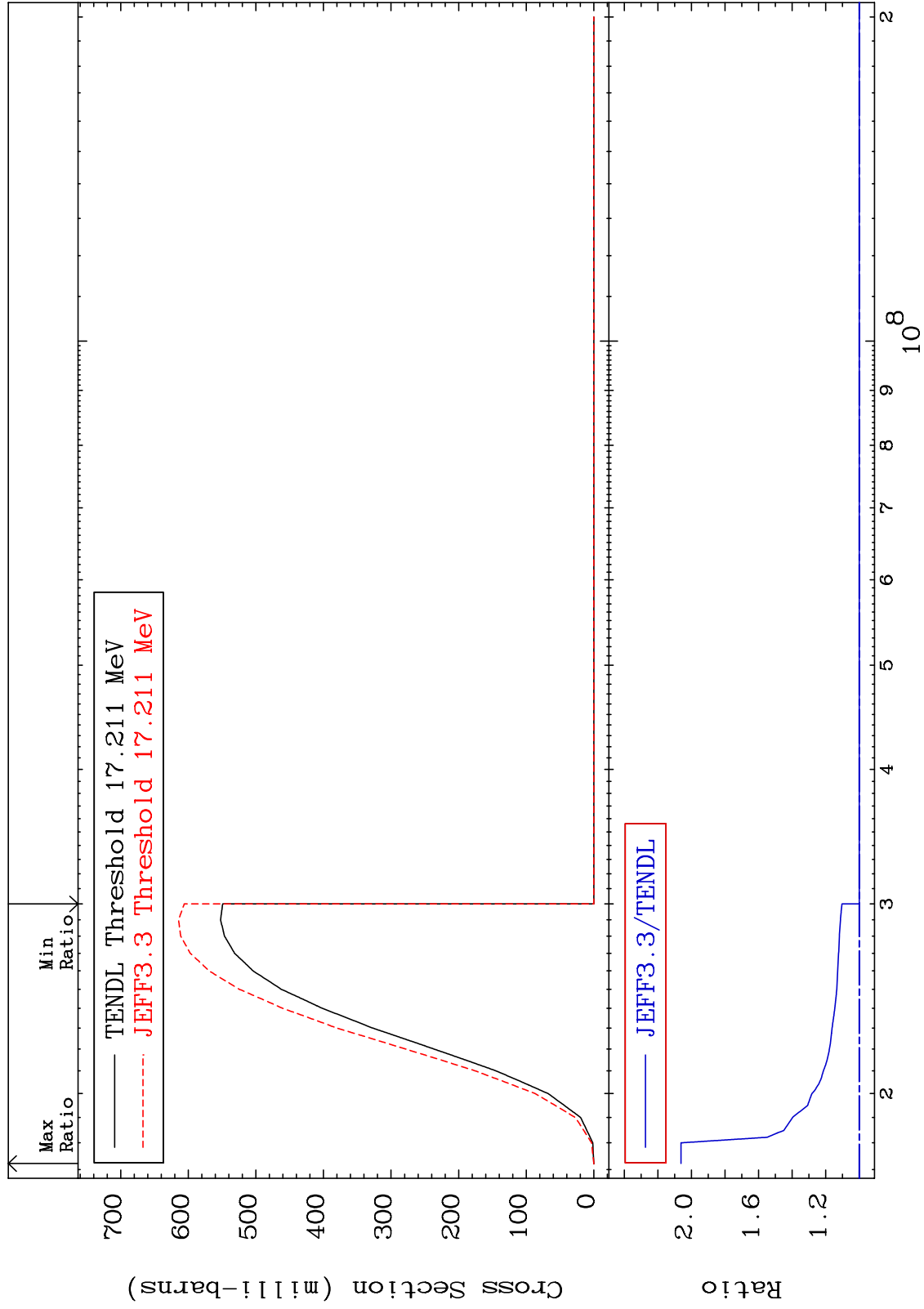
(n, 3n)

³²Ge-74

Cross Section

0.000

To 106.2 %



6

Incident Energy (eV)

³²Ge-74

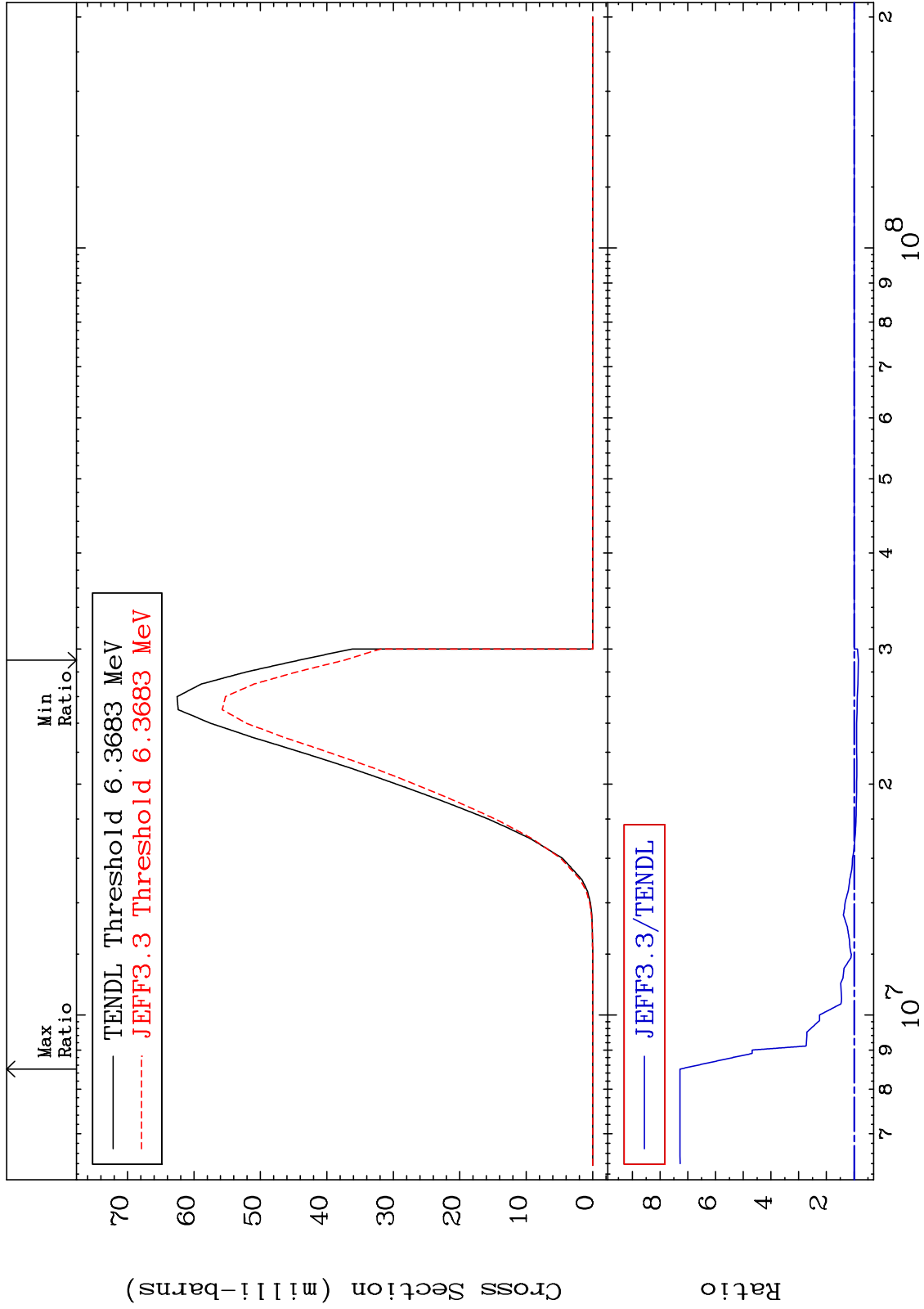
MAT 3237

$(n, n') \alpha$

$^{32}\text{Ge-74}$

Cross Section

-15.46 To 627.9 %



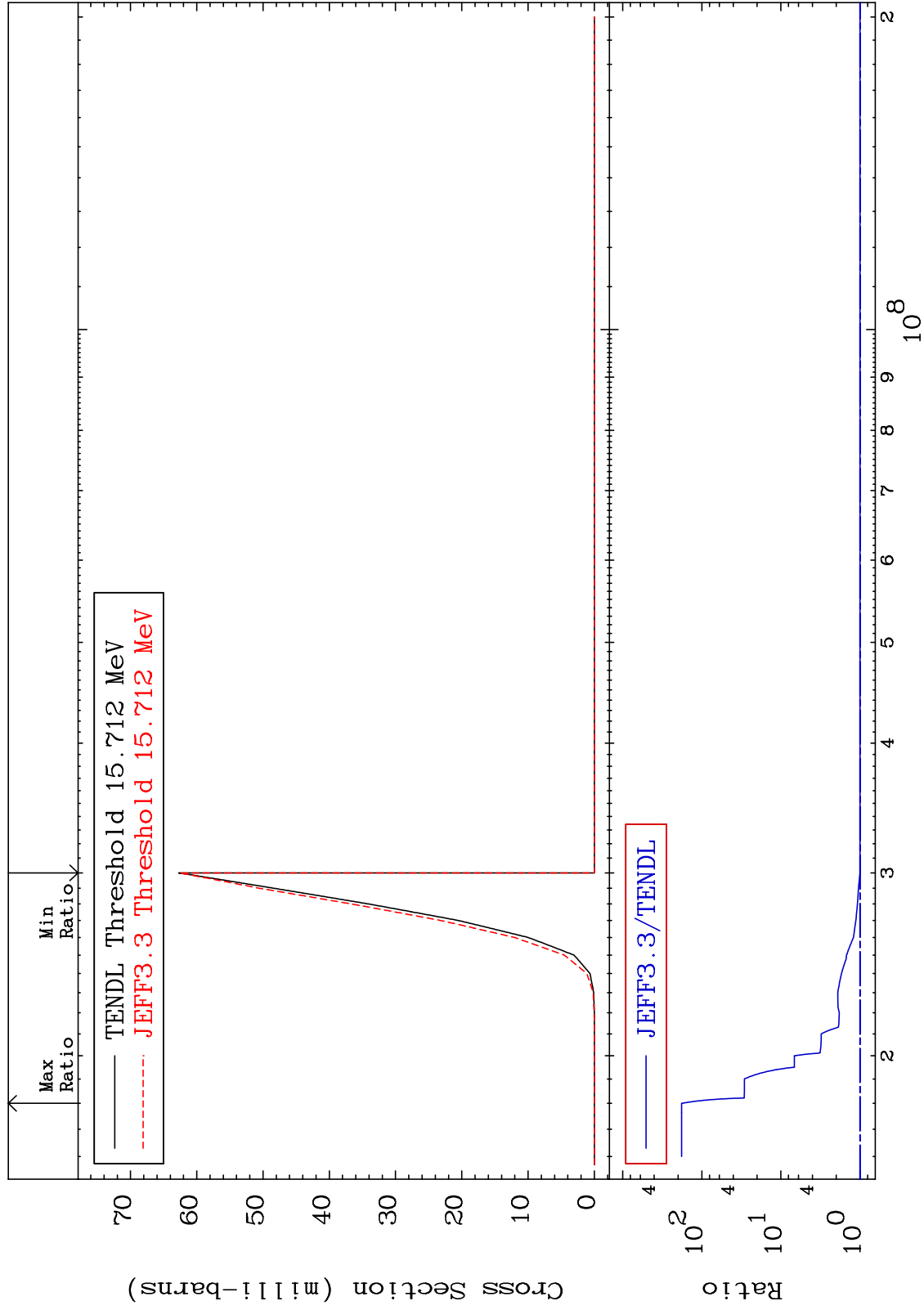
MAT 3237

(n,2n) α

³²Ge-74

Cross Section

-0.186 To 9999. %



MAT 3237

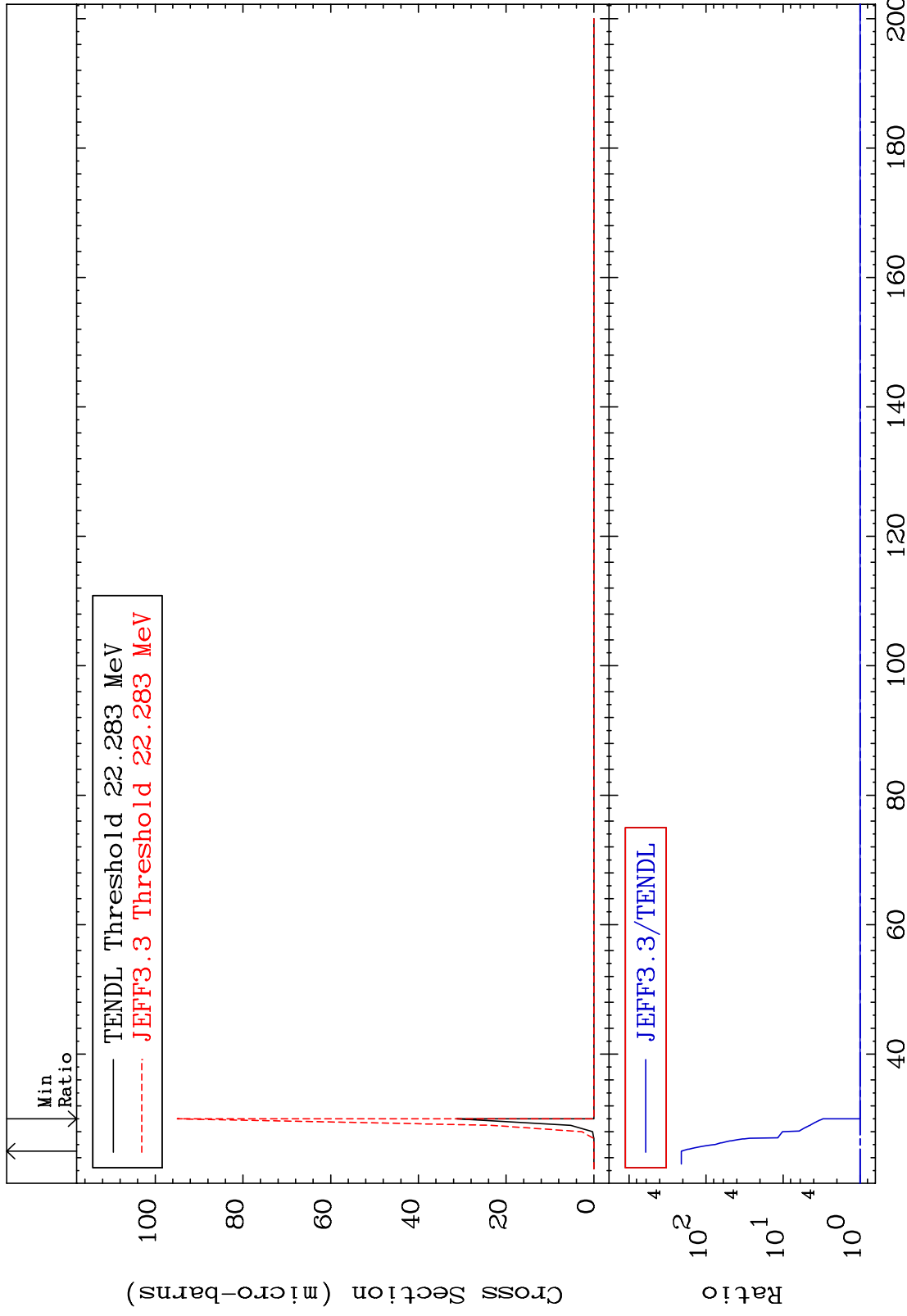
(n,3n) α

³²Ge-74

Cross Section

0.000

To 9999. %



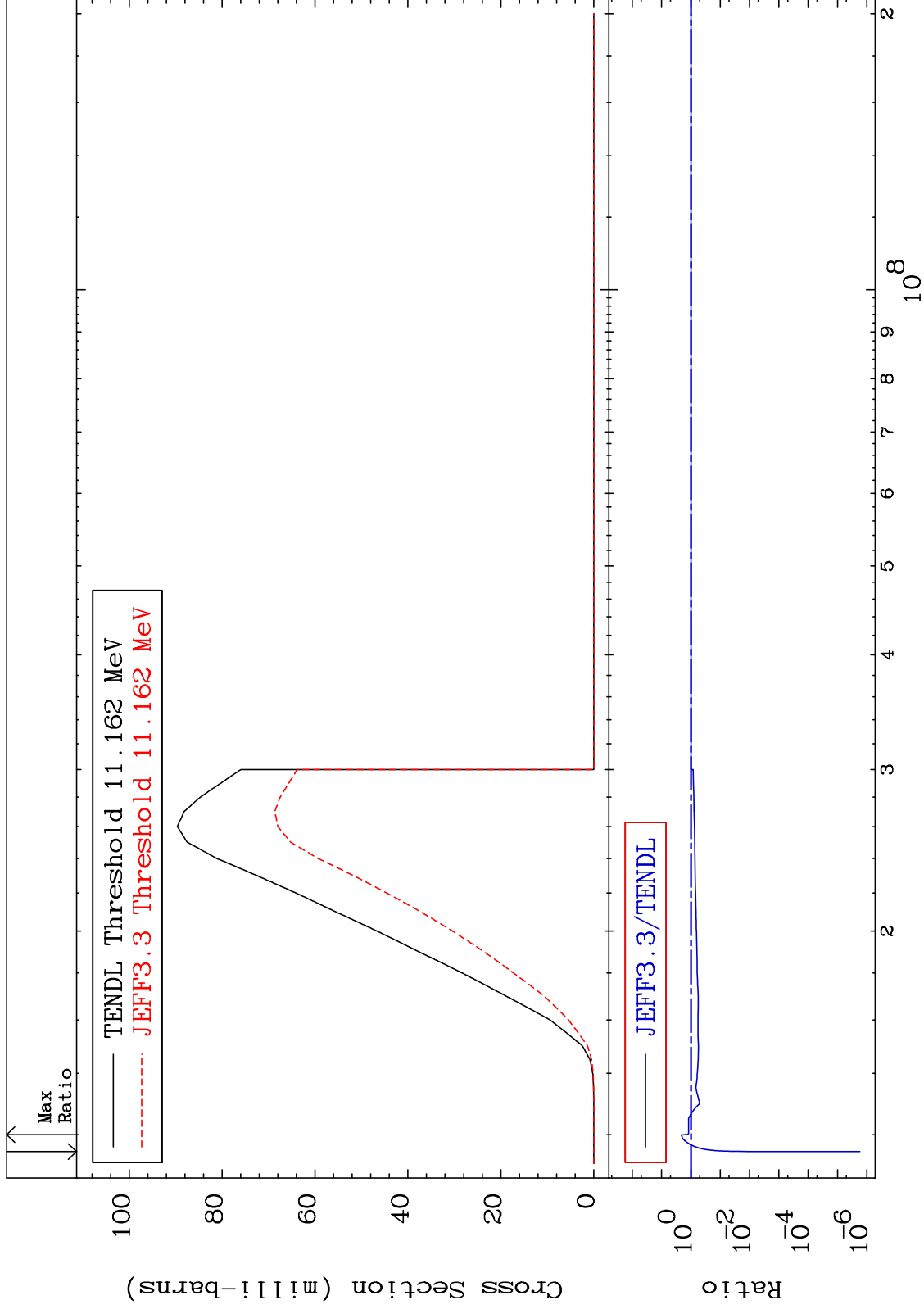
MAT 3237

(n,n') p

32-Ge-74

Cross Section

-100.0 To 113.8 %



10

Incident Energy (eV)

32-Ge-74

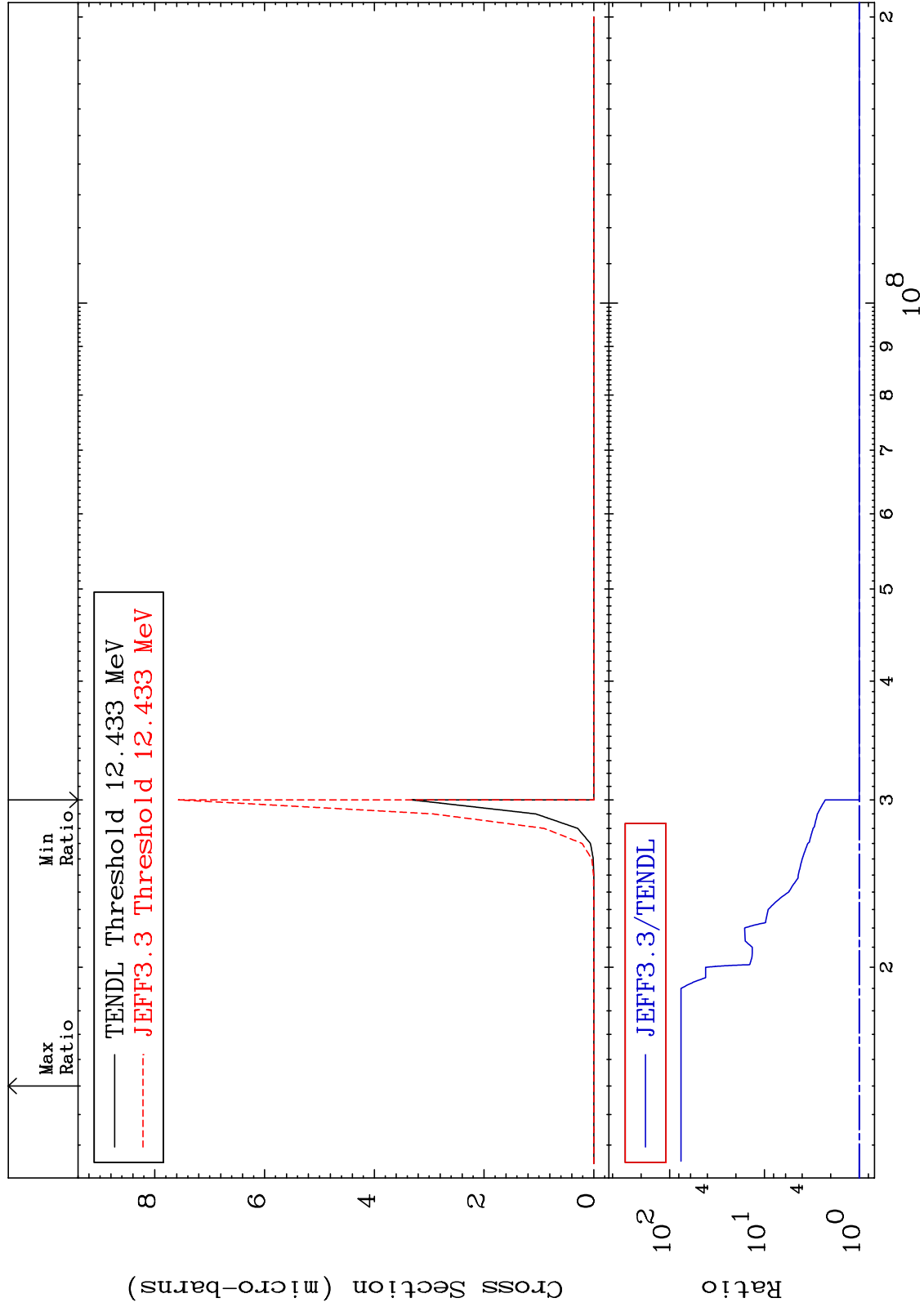
MAT 3237

(n,n') 2α

32-Ge-74

Cross Section

0.000 To 7478. %



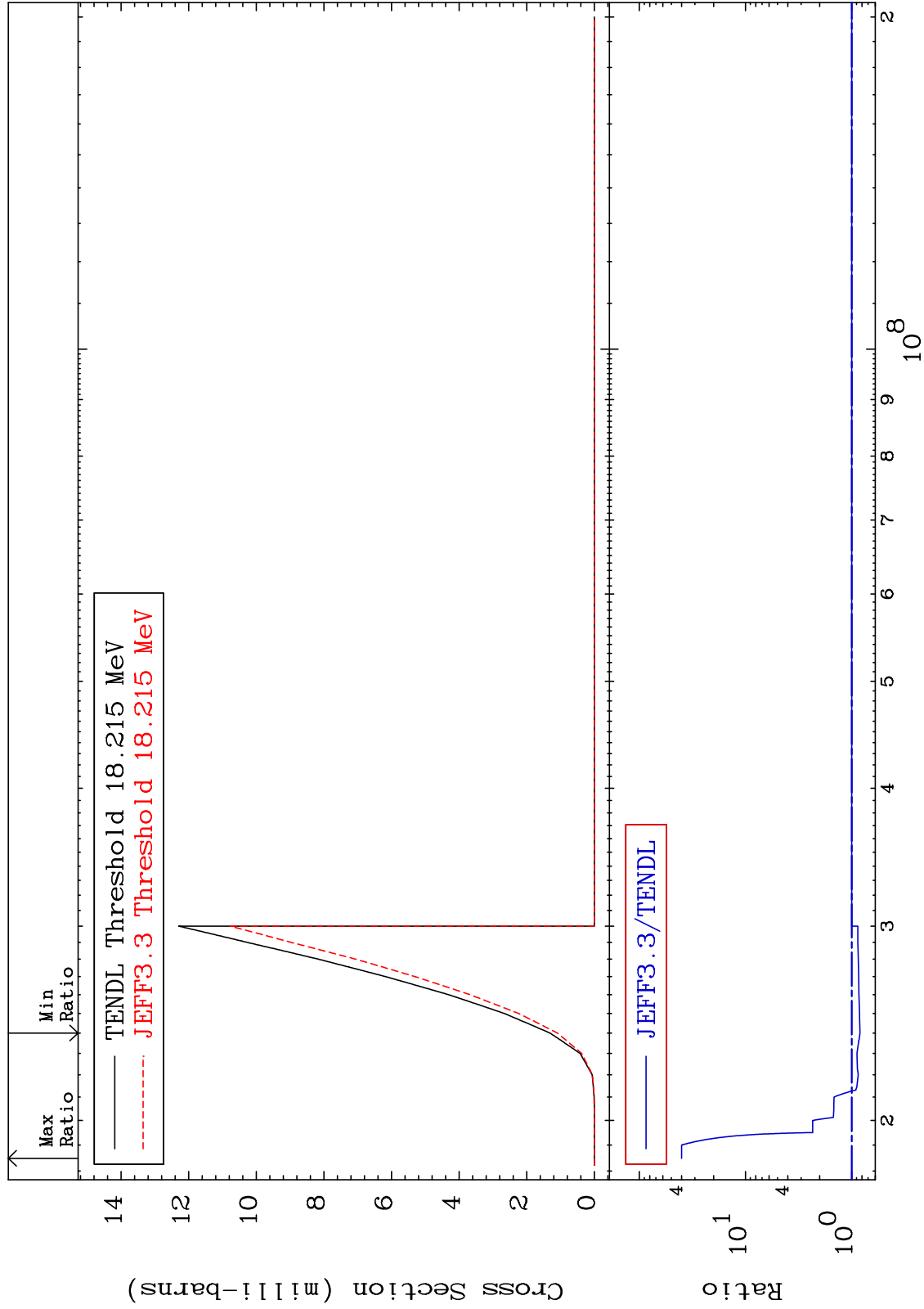
MAT 3237

(n, n') d

³²Ge-74

Cross Section

-16.63 To 3897. %



12

Incident Energy (eV)

³²Ge-74

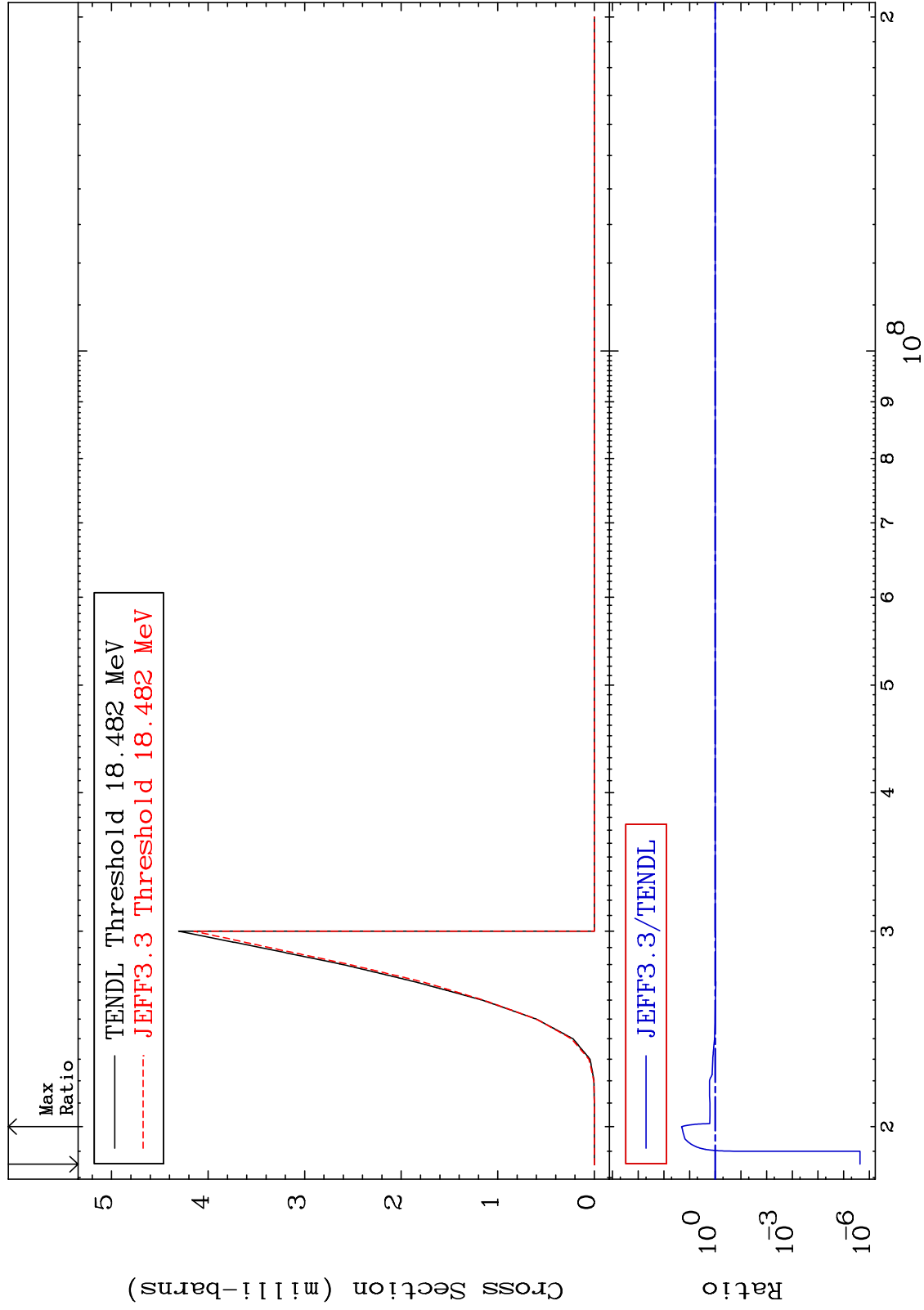
MAT 3237

(n,n') t

32-Ge-74

Cross Section

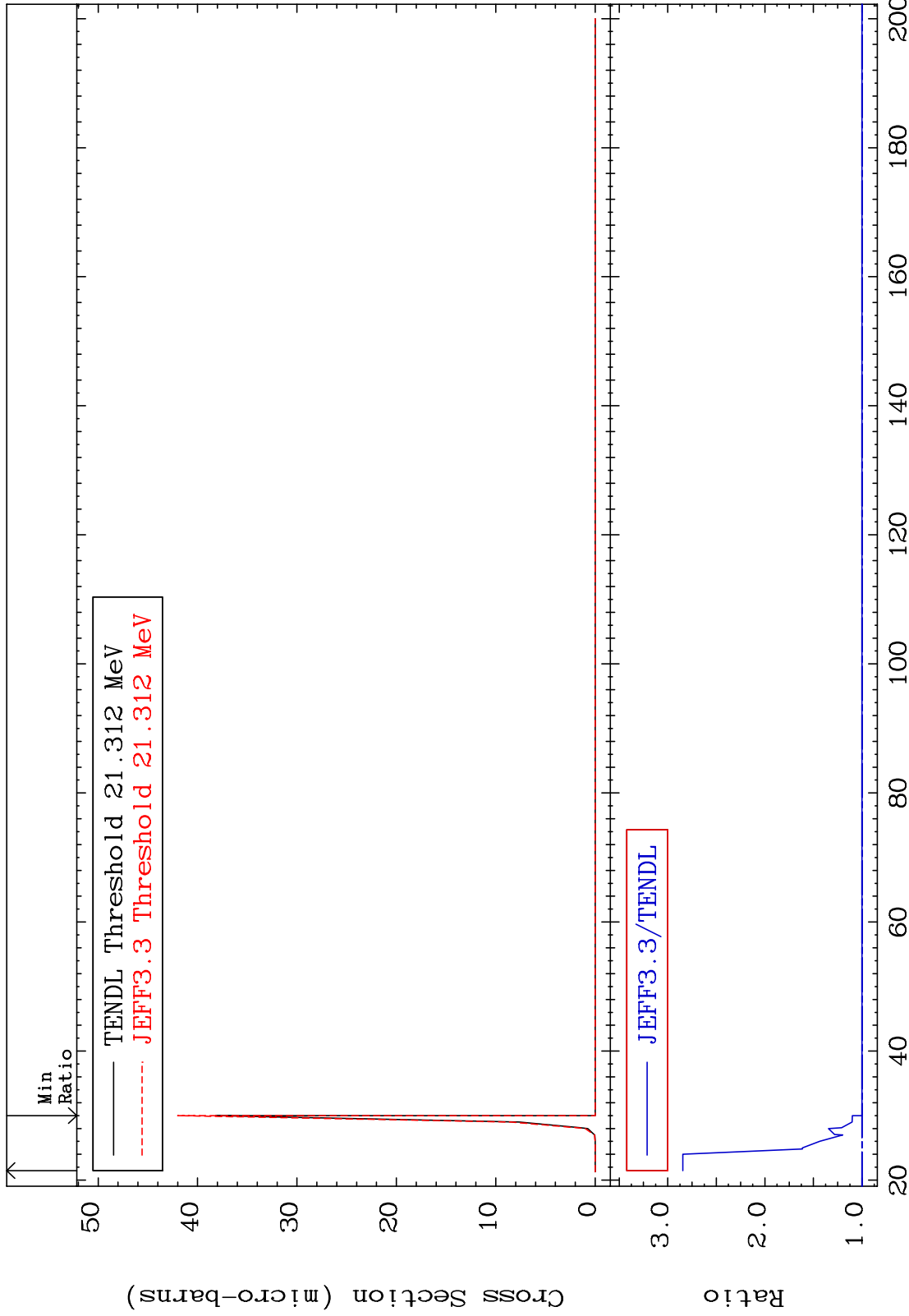
-100.0 To 1936. %



MAT 3237

(n, n') He-3
Cross Section

32-Ge-74
0.000 To 184.4 %



32-Ge-74

Incident Energy (MeV)

14

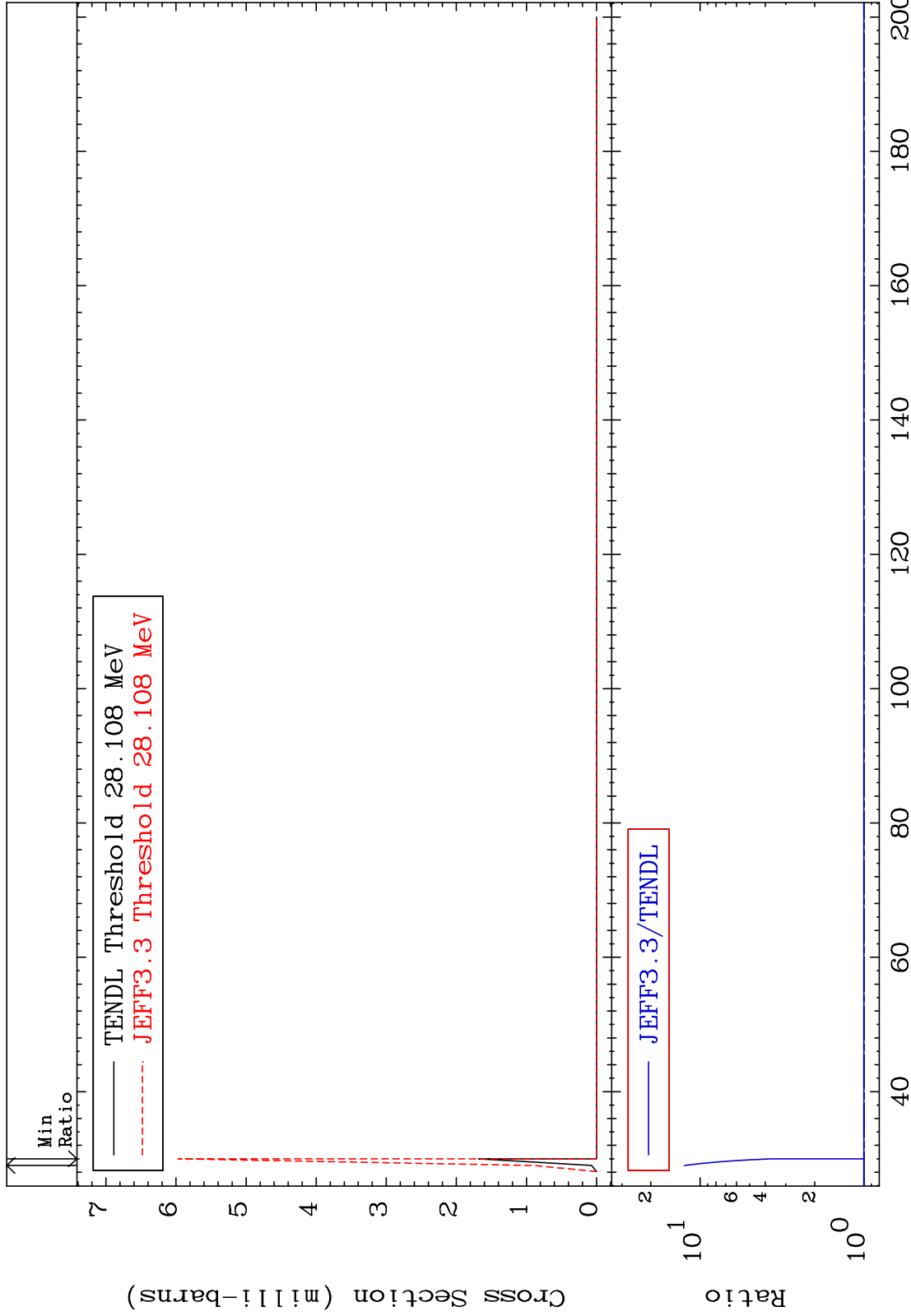
MAT 3237

(n, 4n)

³²Ge-74

Cross Section

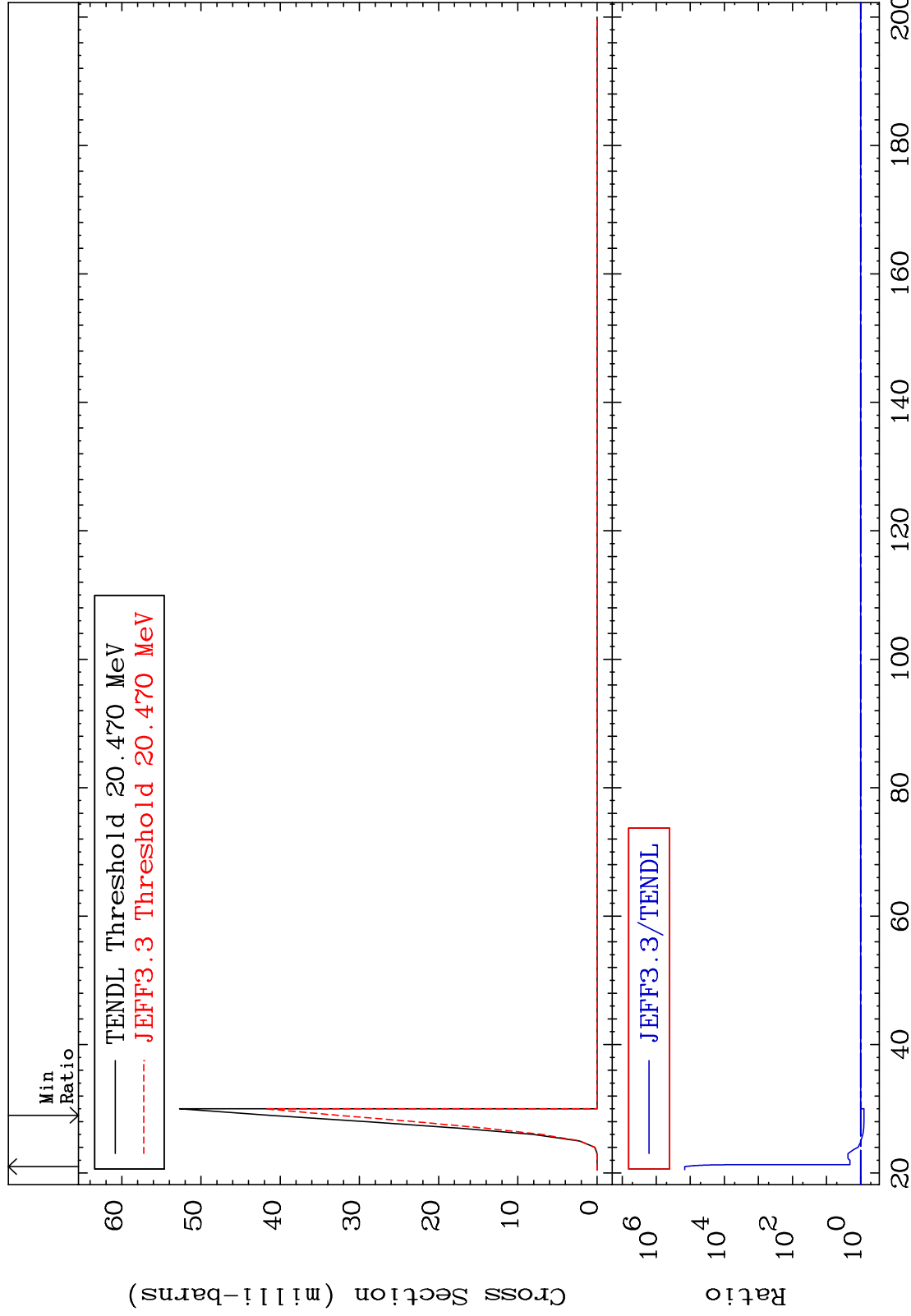
0.000 To 1148. %



MAT 3237

(n,2n) p
Cross Section

³²Ge-74
-20.72 To 9999. %



³²Ge-74

Incident Energy (MeV)

16

MAT 3237

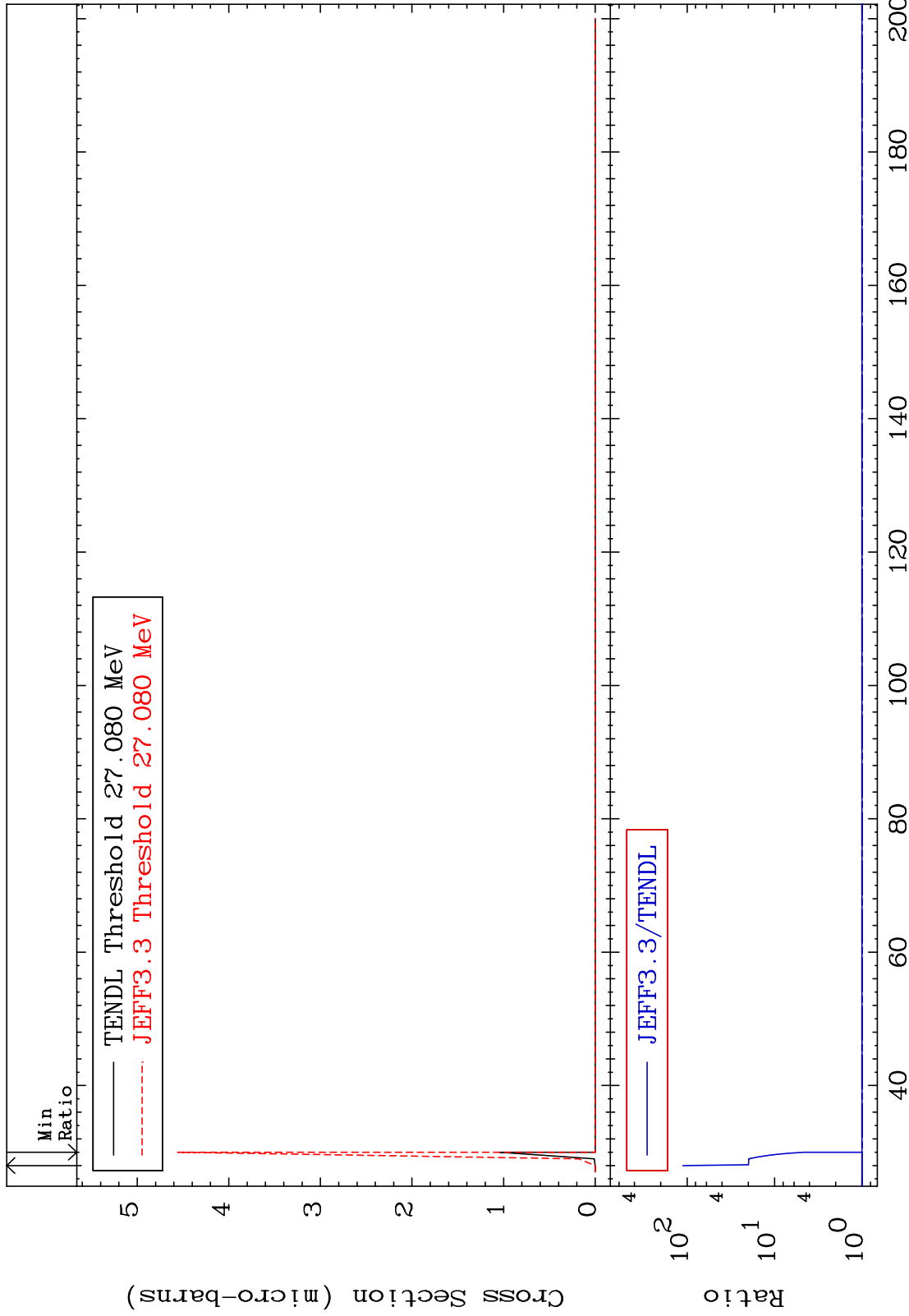
(n, 3n) p

³²Ge-74

Cross Section

0.000

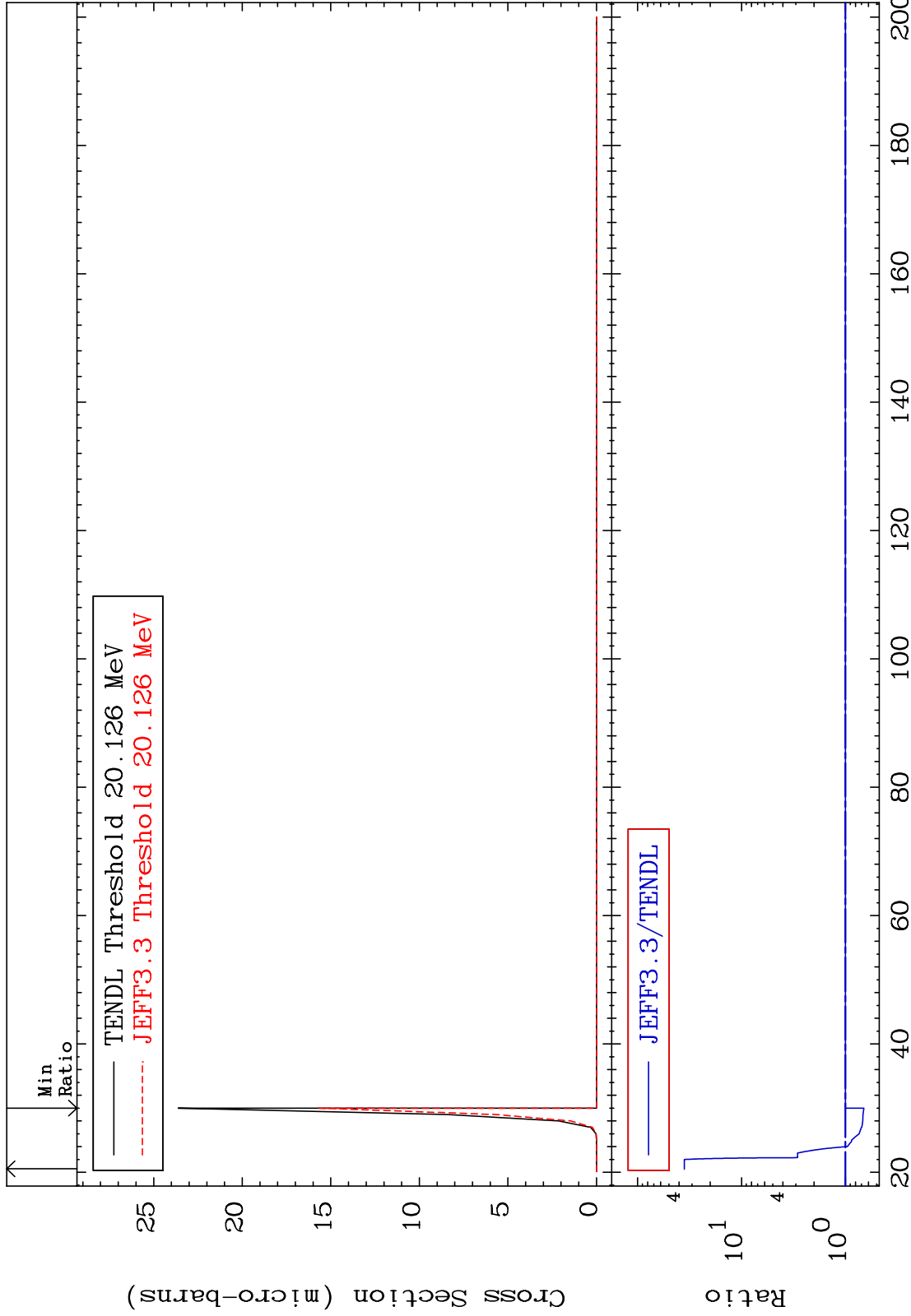
To 9999. %



MAT 3237

(n,2n) p
Cross Section

32-Ge-74
-33.63 To 3448. %



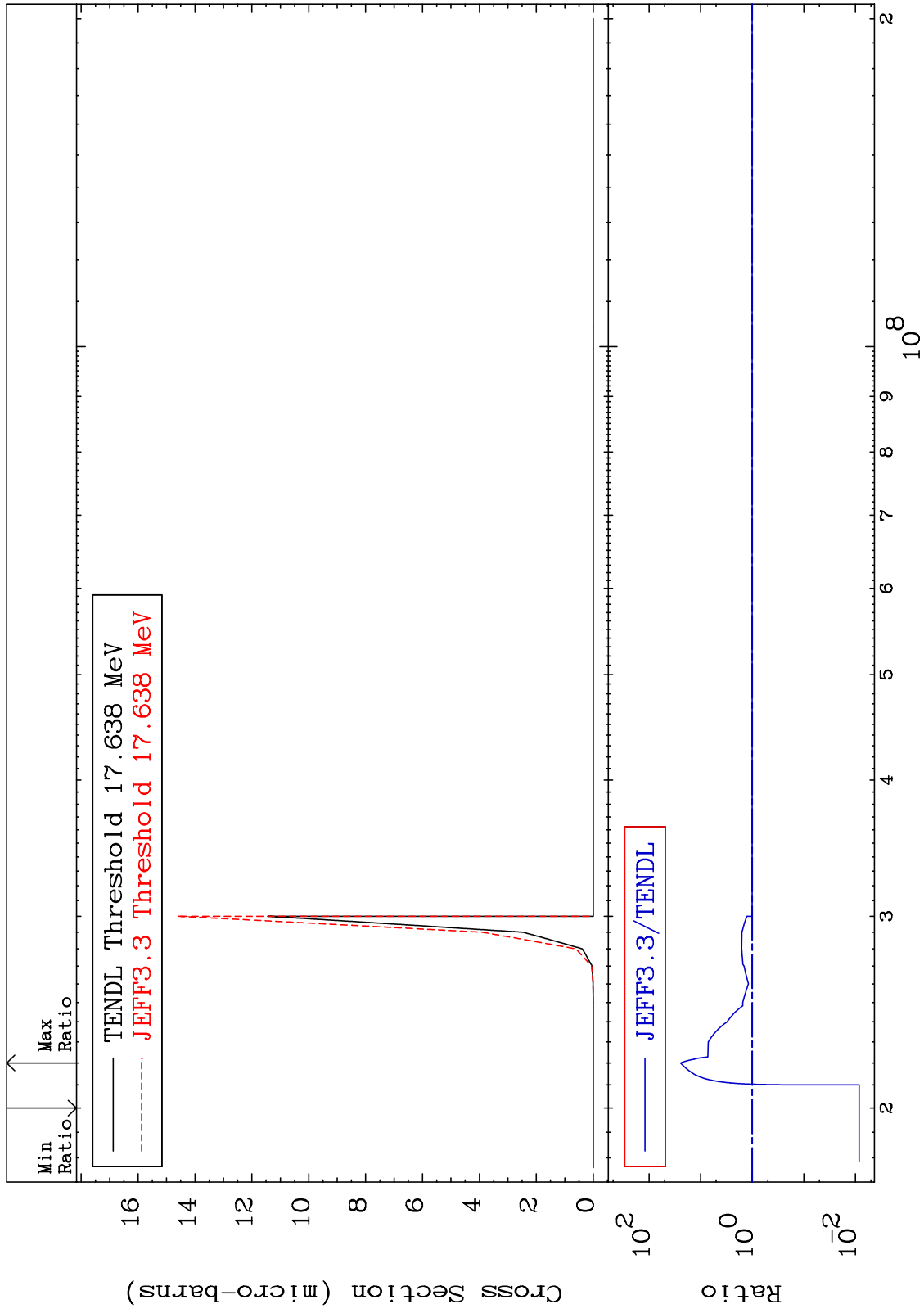
18

32-Ge-74

MAT 3237

(n, n') p α
Cross Section

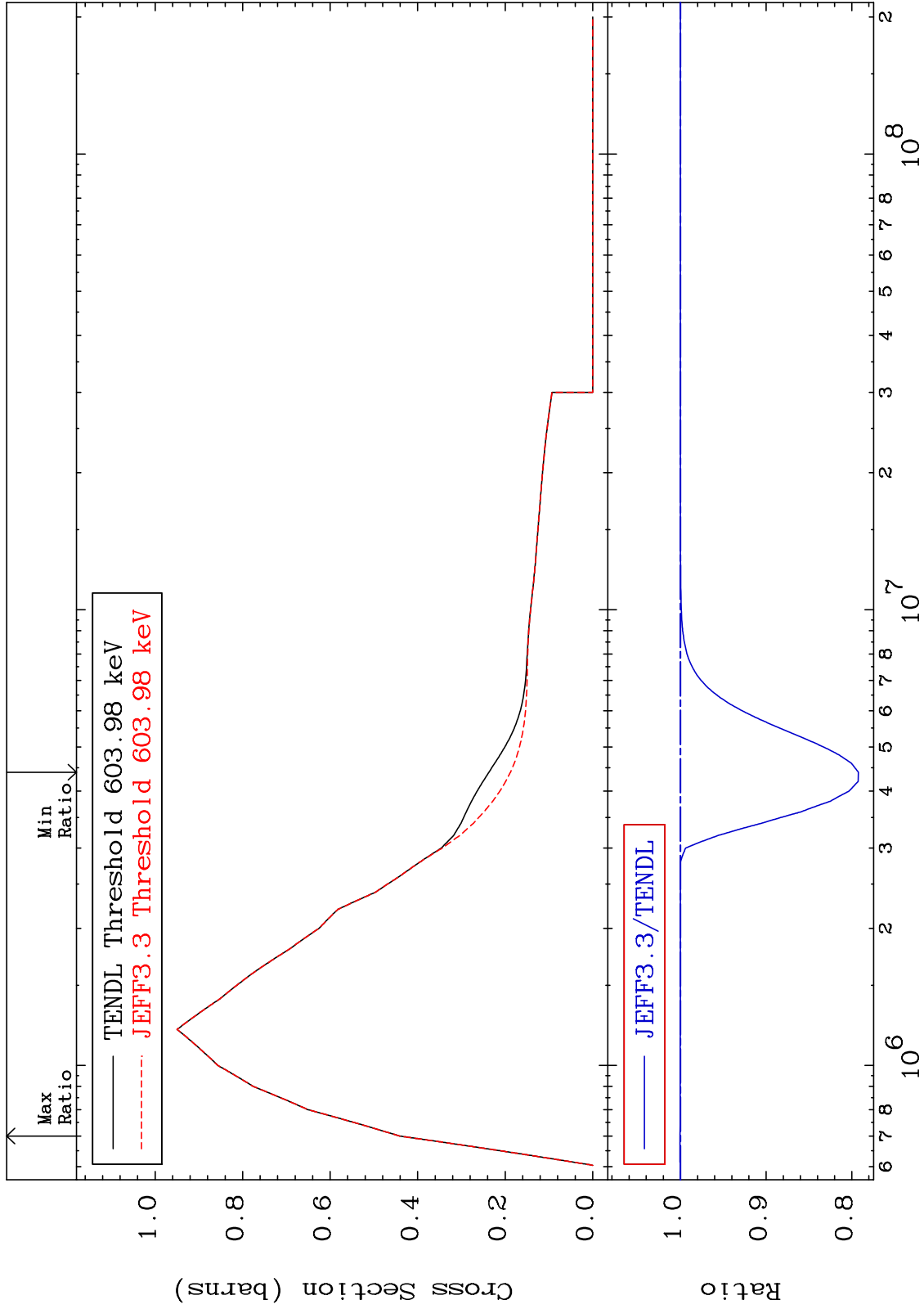
$^{32}\text{Ge-74}$
-99.15 To 2350. %



MAT 3237

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

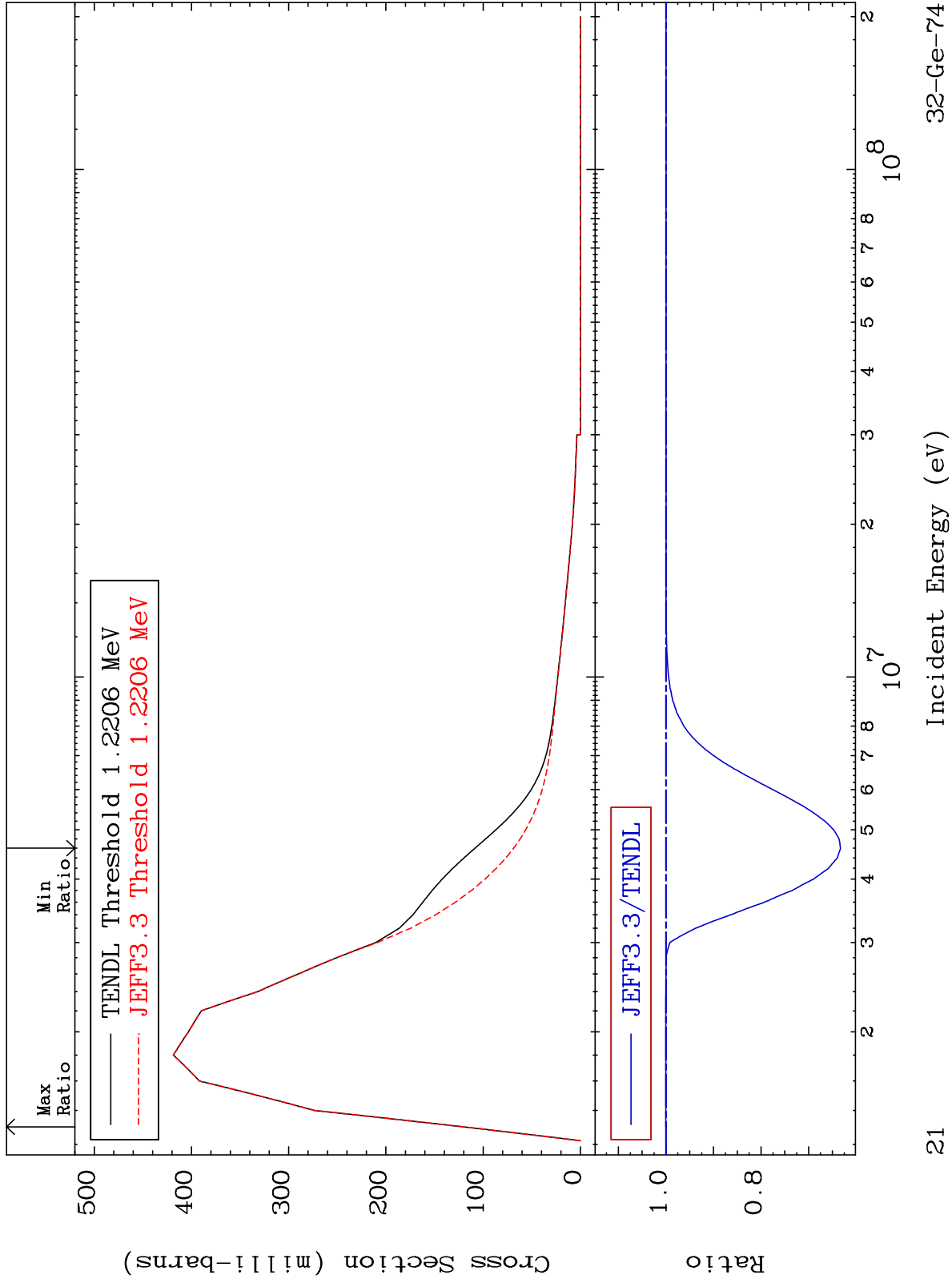
32-Ge-74
-20.78 To 0.048 %



MAT 3237

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

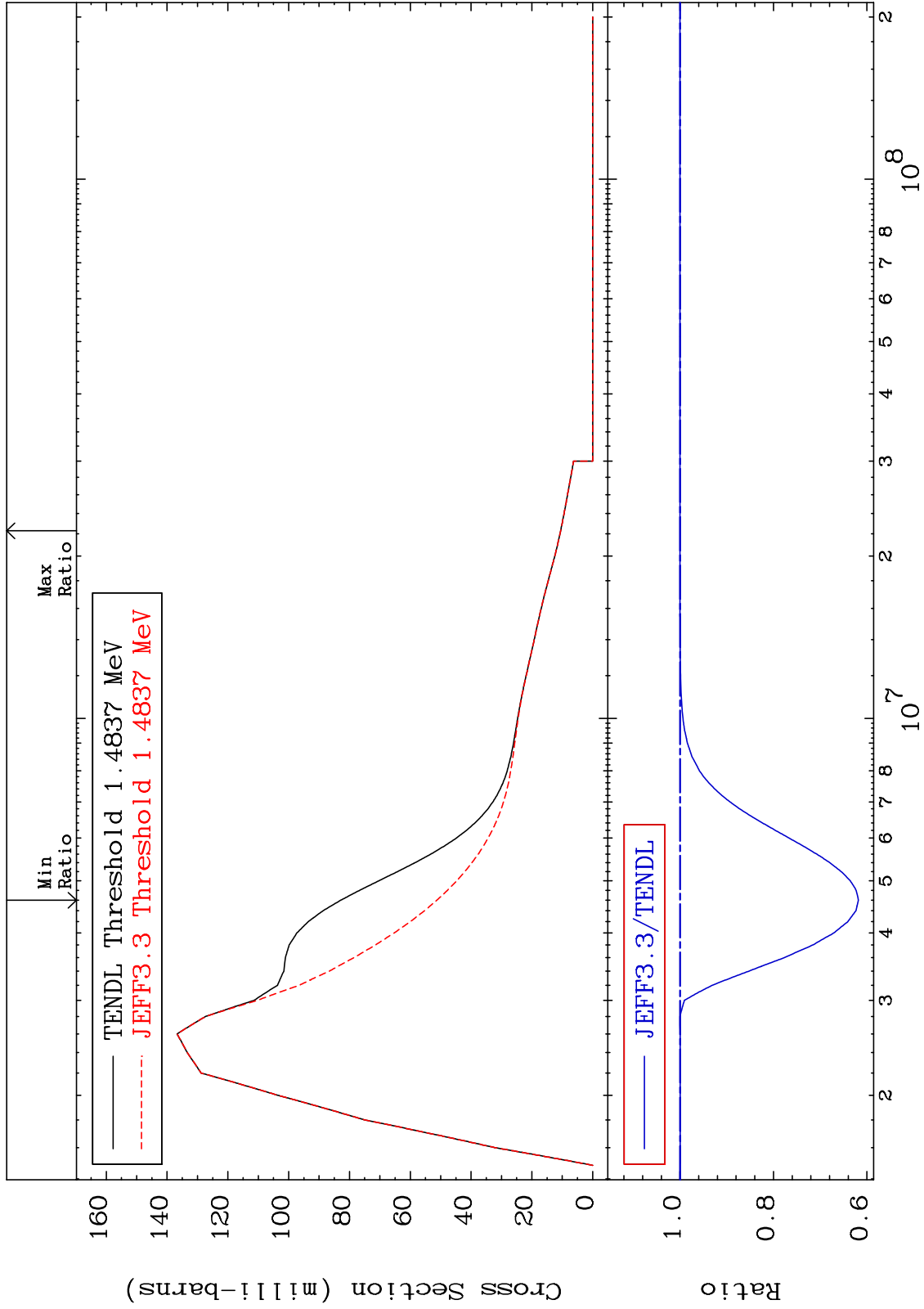
32-Ge-74
-36.72 To 0.014 %



MAT 3237

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

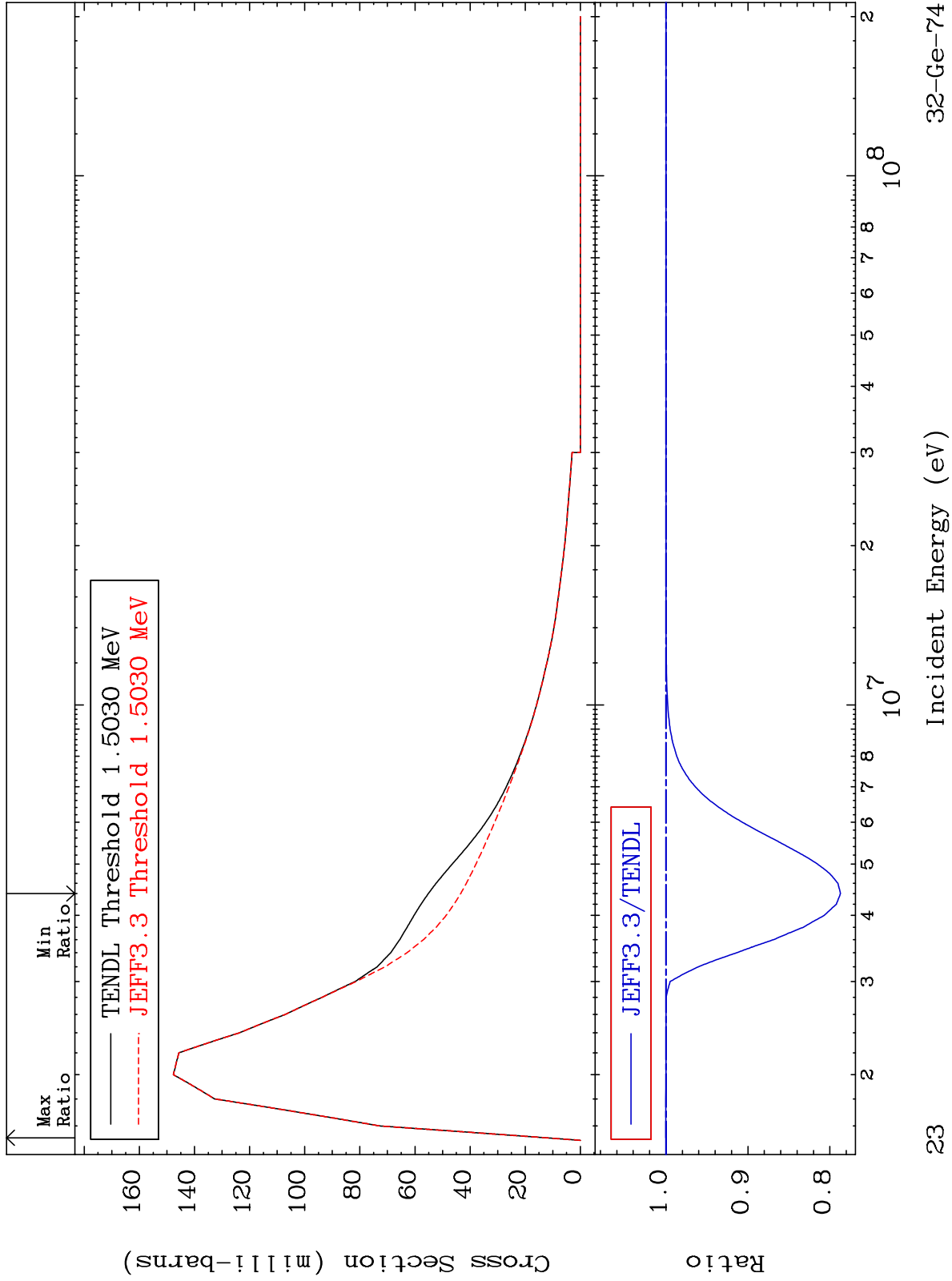
32-Ge-74
-38.17 To 0.000 %



MAT 3237

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

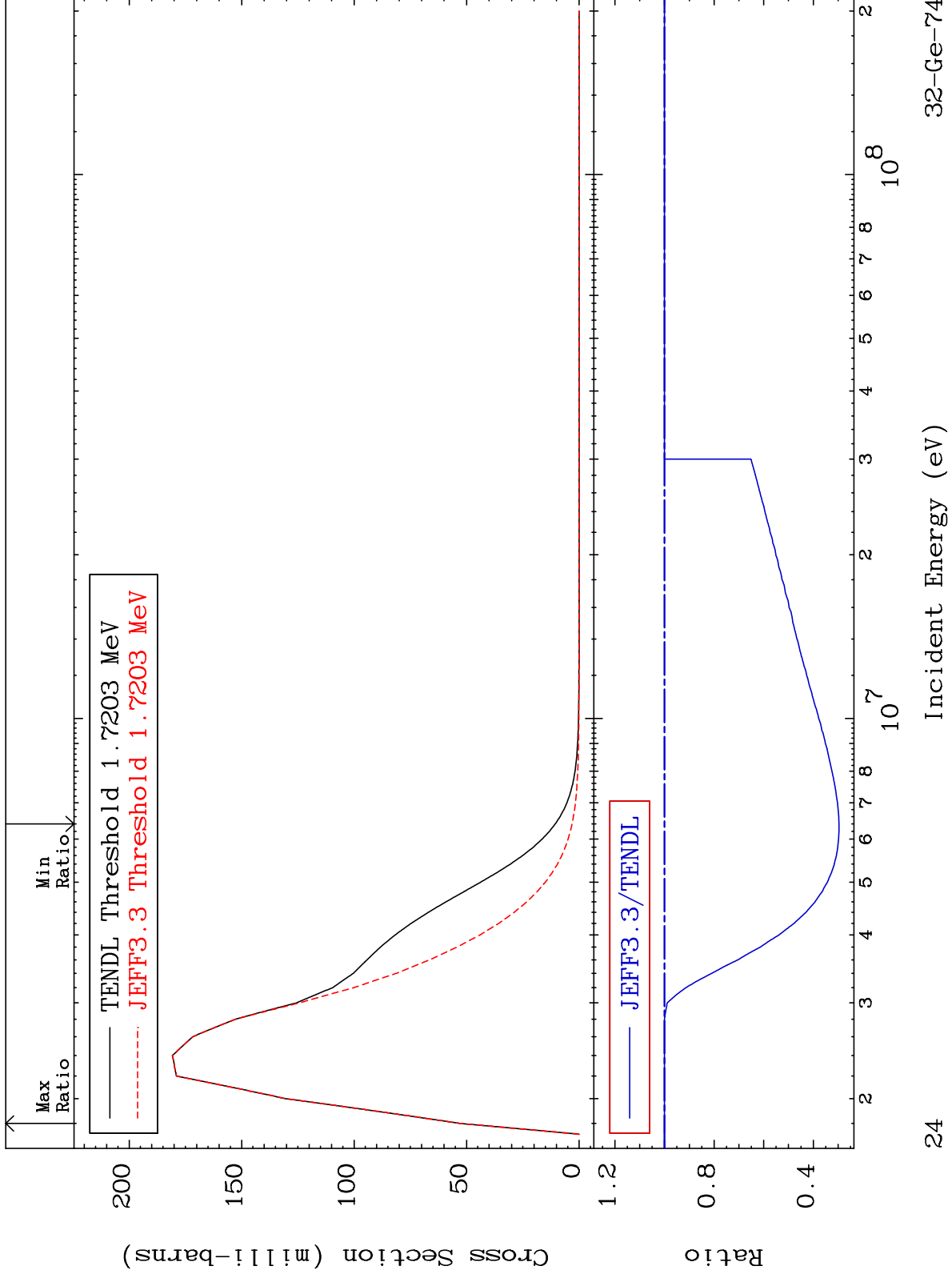
32-Ge-74
-21.30 To 0.015 %



MAT 3237

MT= 55 (n,n') Level
Cross Section

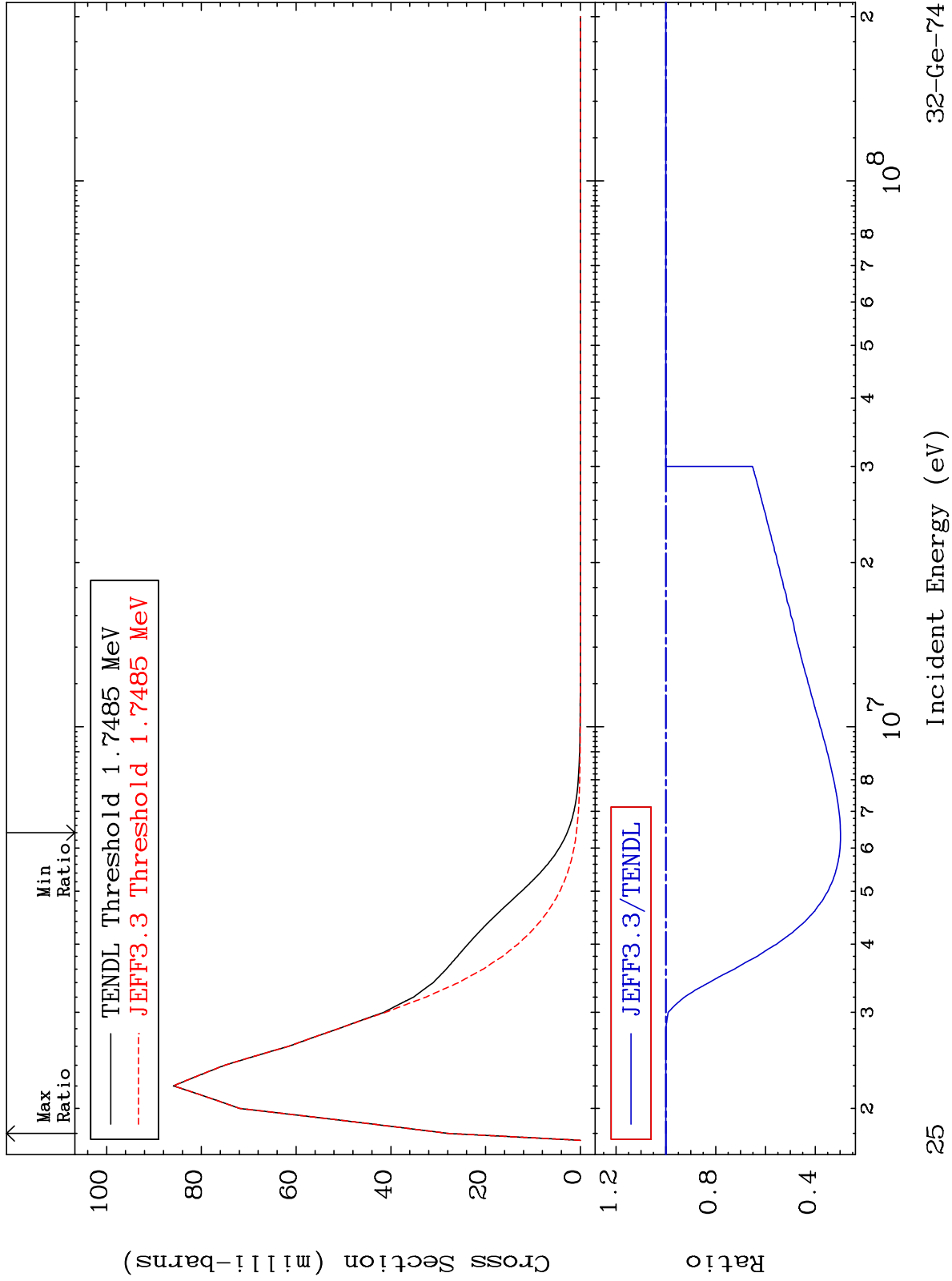
32-Ge-74
-70.38 To 0.006 %



MAT 3237

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

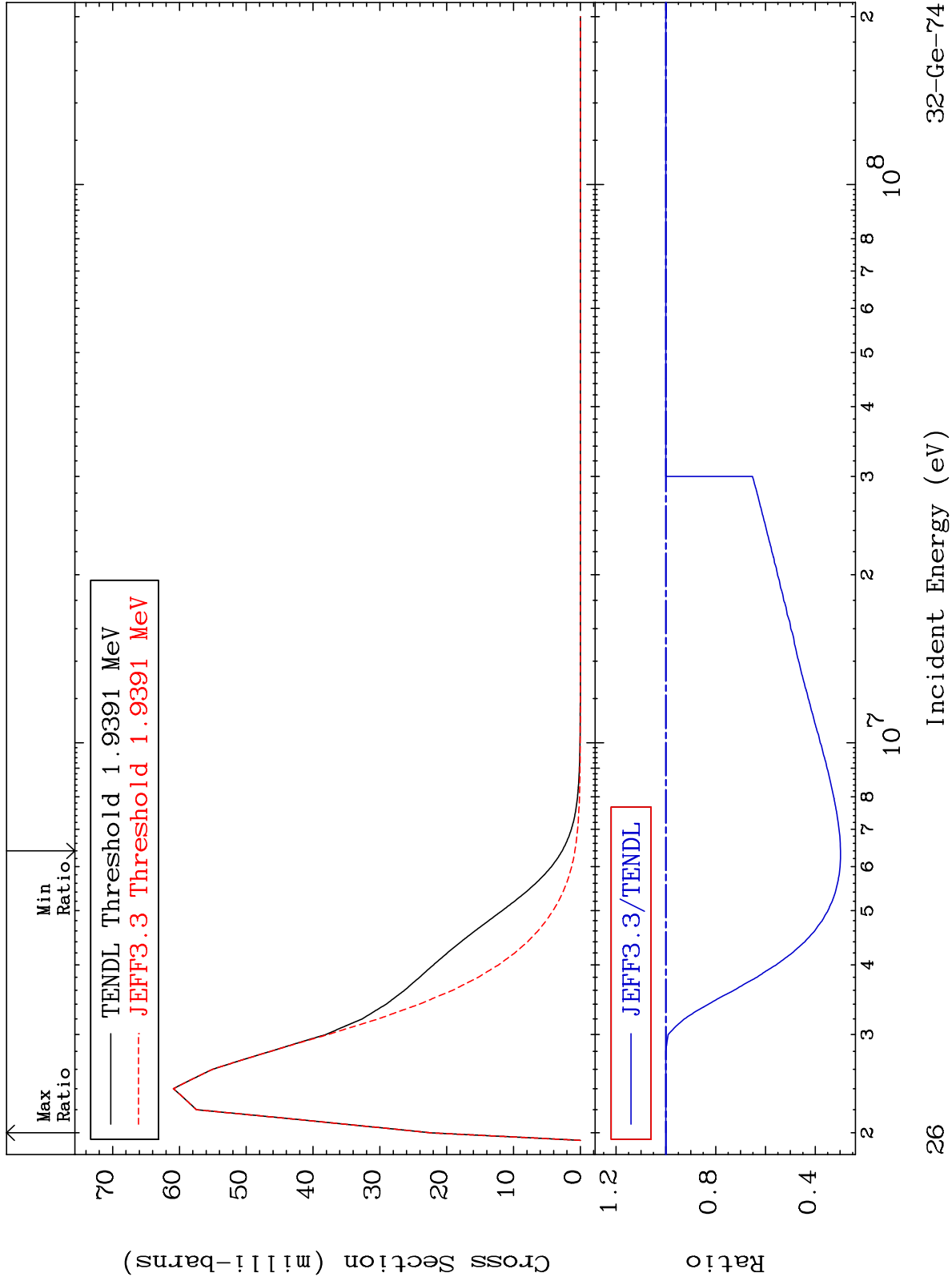
32-Ge-74
-70.17 To 0.015 %



MAT 3237

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

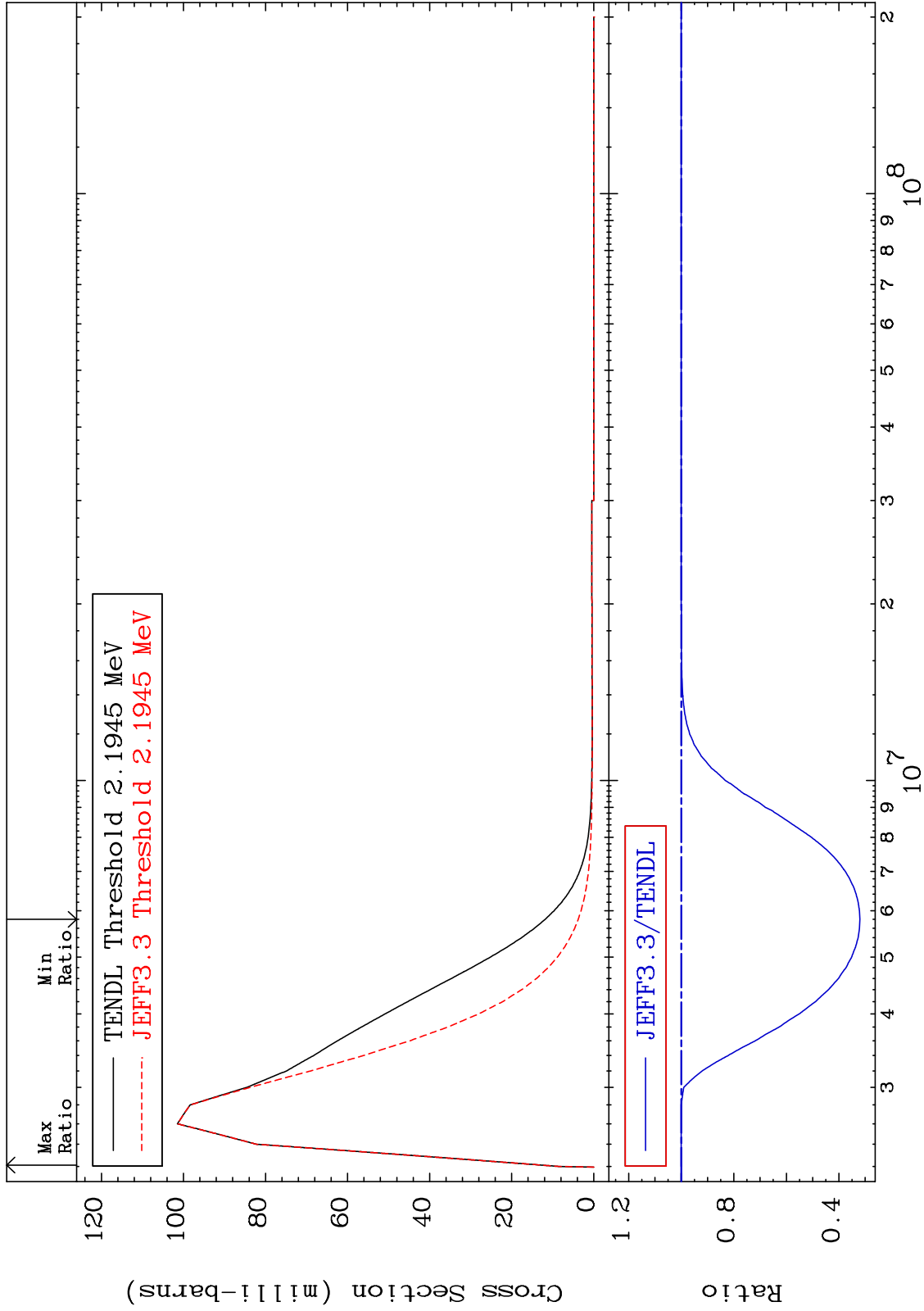
32-Ge-74
-70.16 To 0.013 %



MAT 3237

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

32-Ge-74
-67.99 To 0.010 %



27

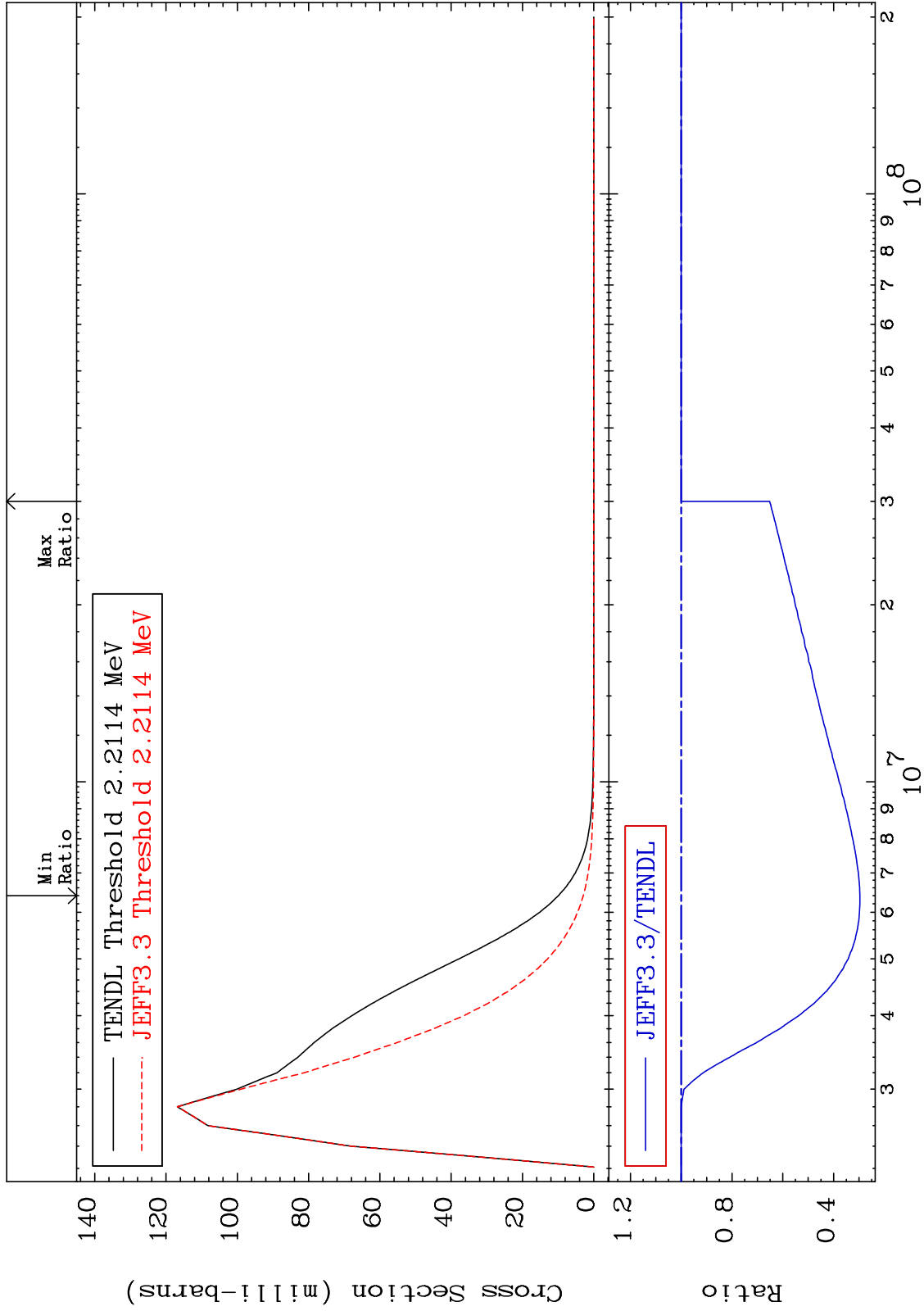
Incident Energy (eV)

32-Ge-74

MAT 3237

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

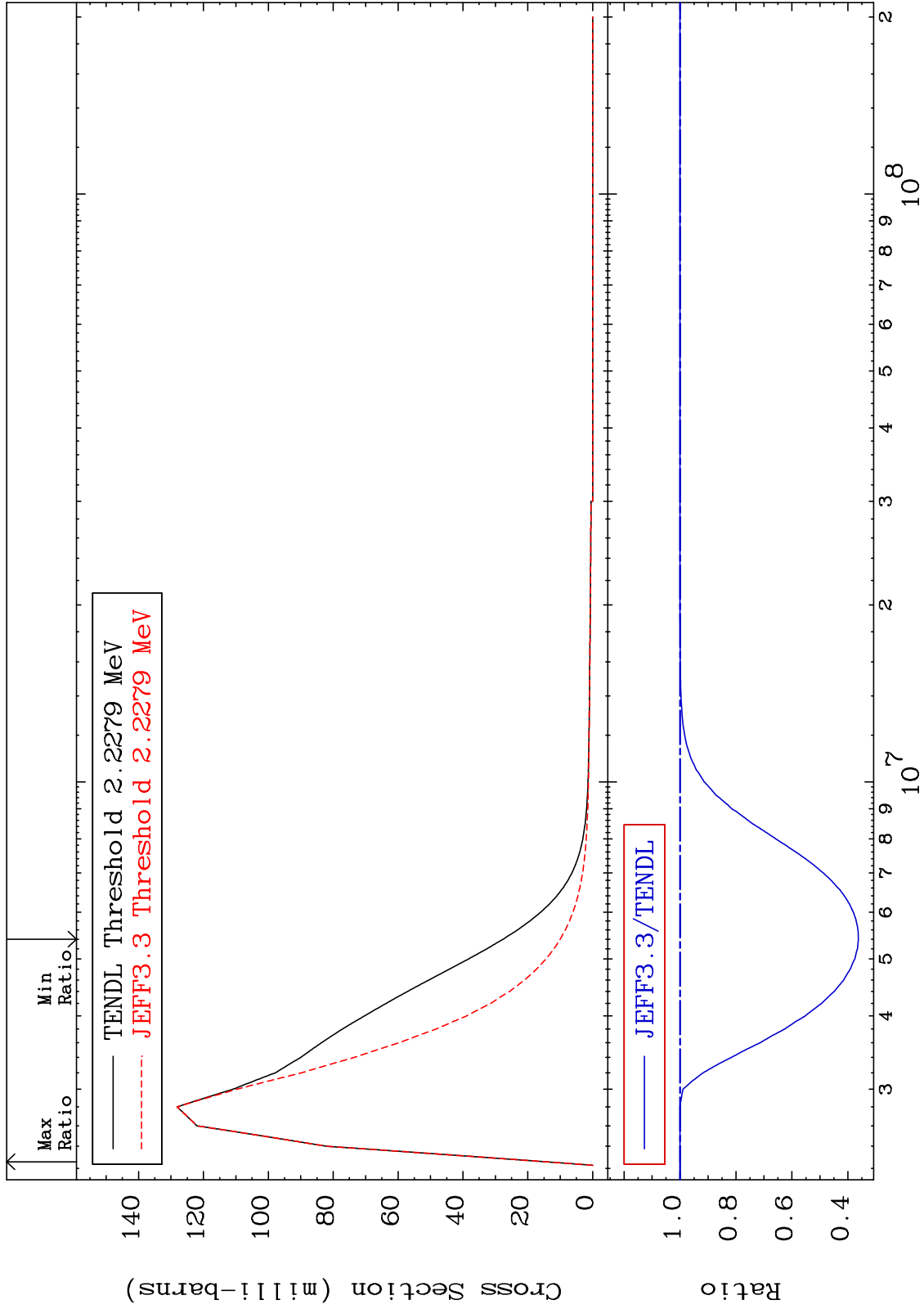
32-Ge-74
-70.37 To 0.000 %



MAT 3237

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

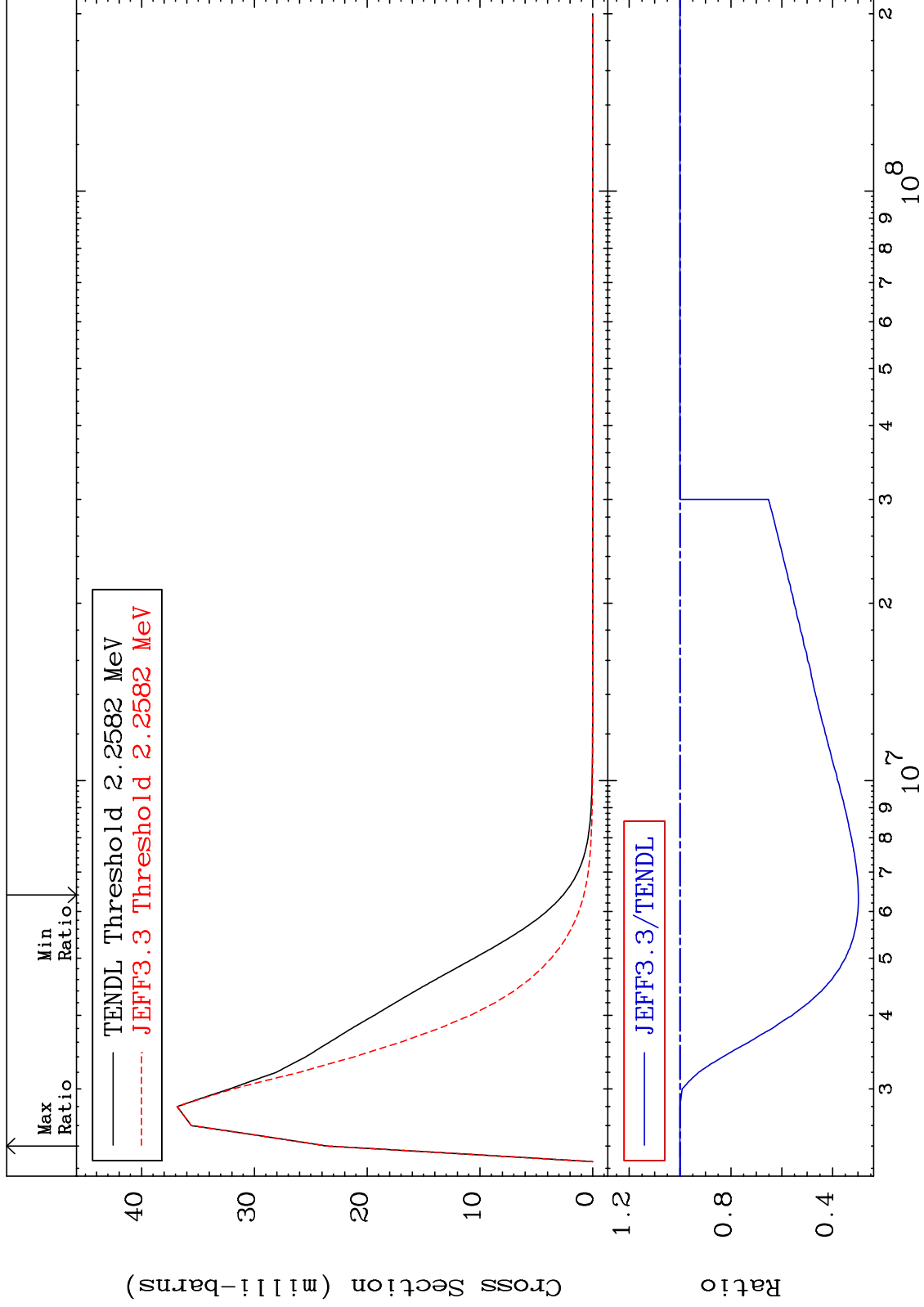
32-Ge-74
-63.76 To 0.005 %



MAT 3237

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

32-Ge-74
-70.15 To 0.009 %



30

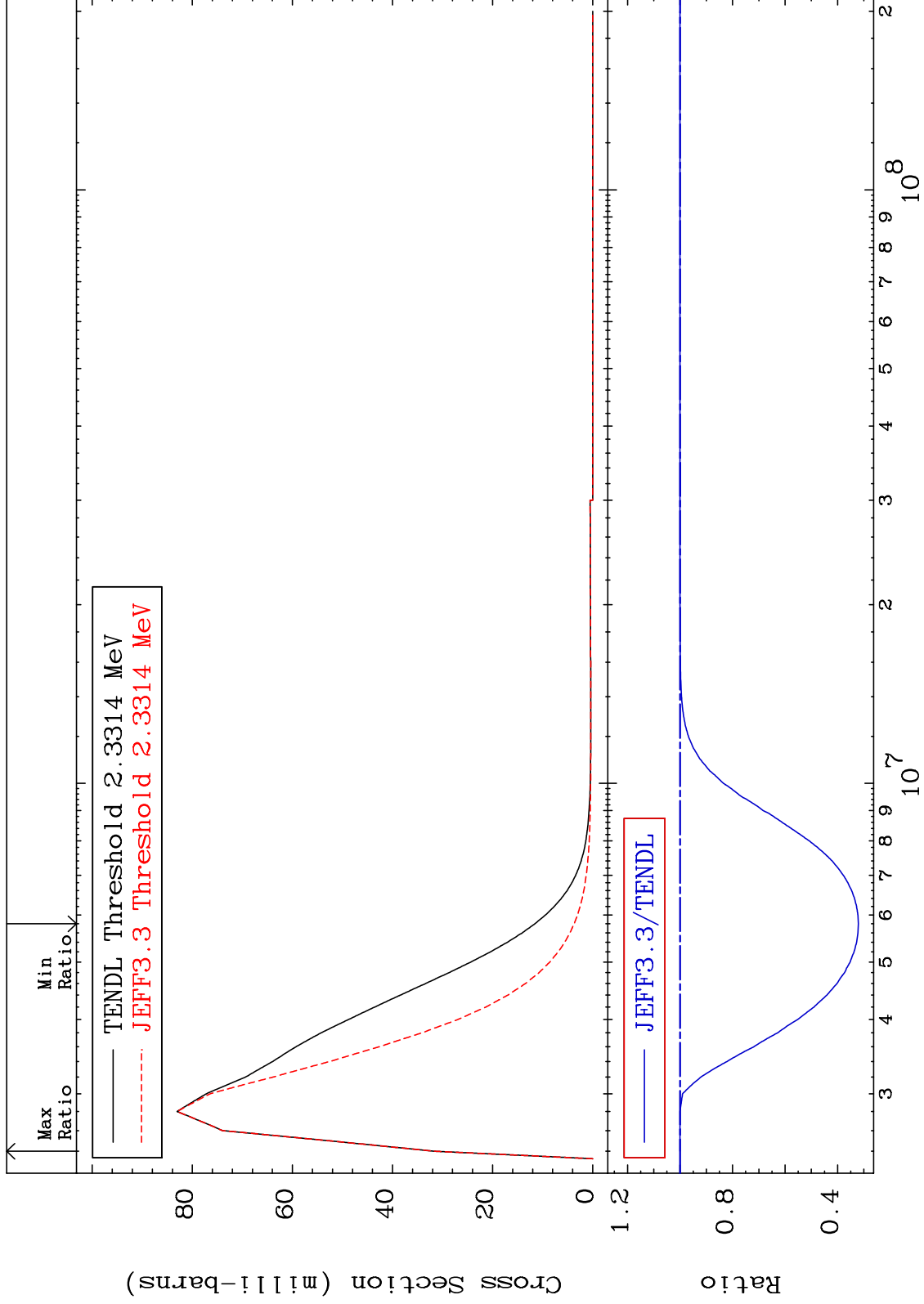
Incident Energy (eV)

32-Ge-74

MAT 3237

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

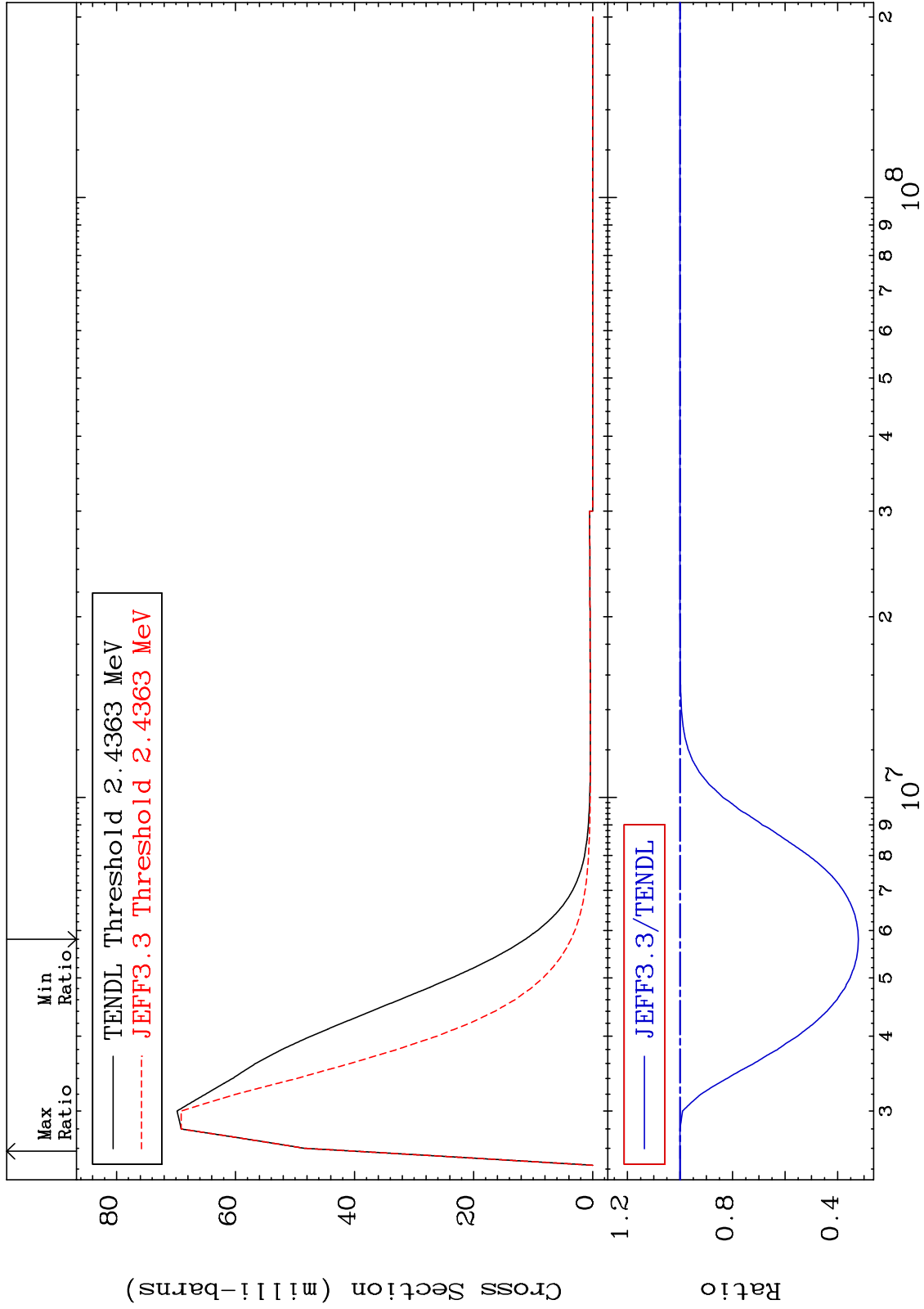
32-Ge-74
-67.93 To 0.008 %



MAT 3237

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

32-Ge-74
-67.89 To 0.008 %



32

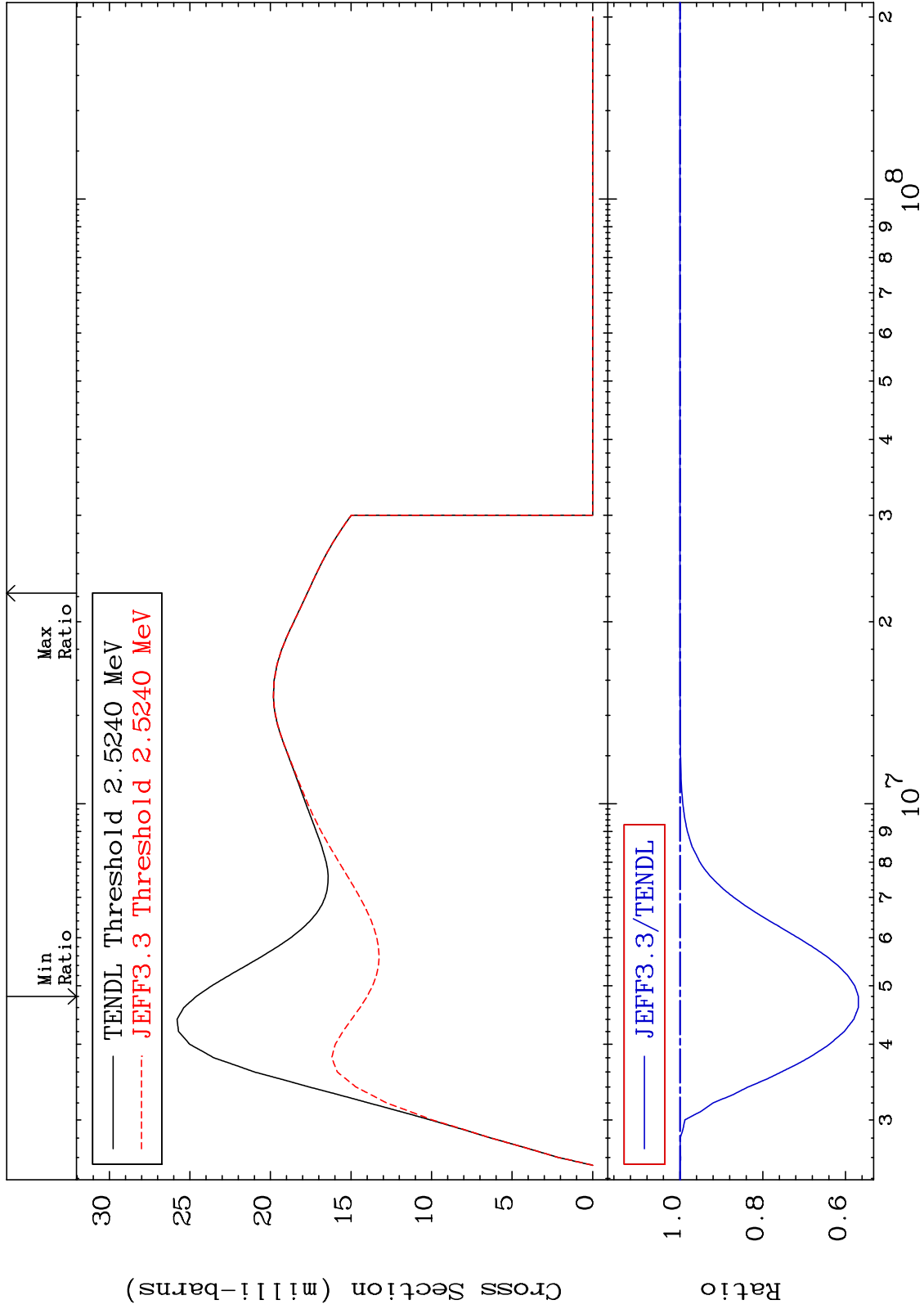
Incident Energy (eV)

32-Ge-74

MAT 3237

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

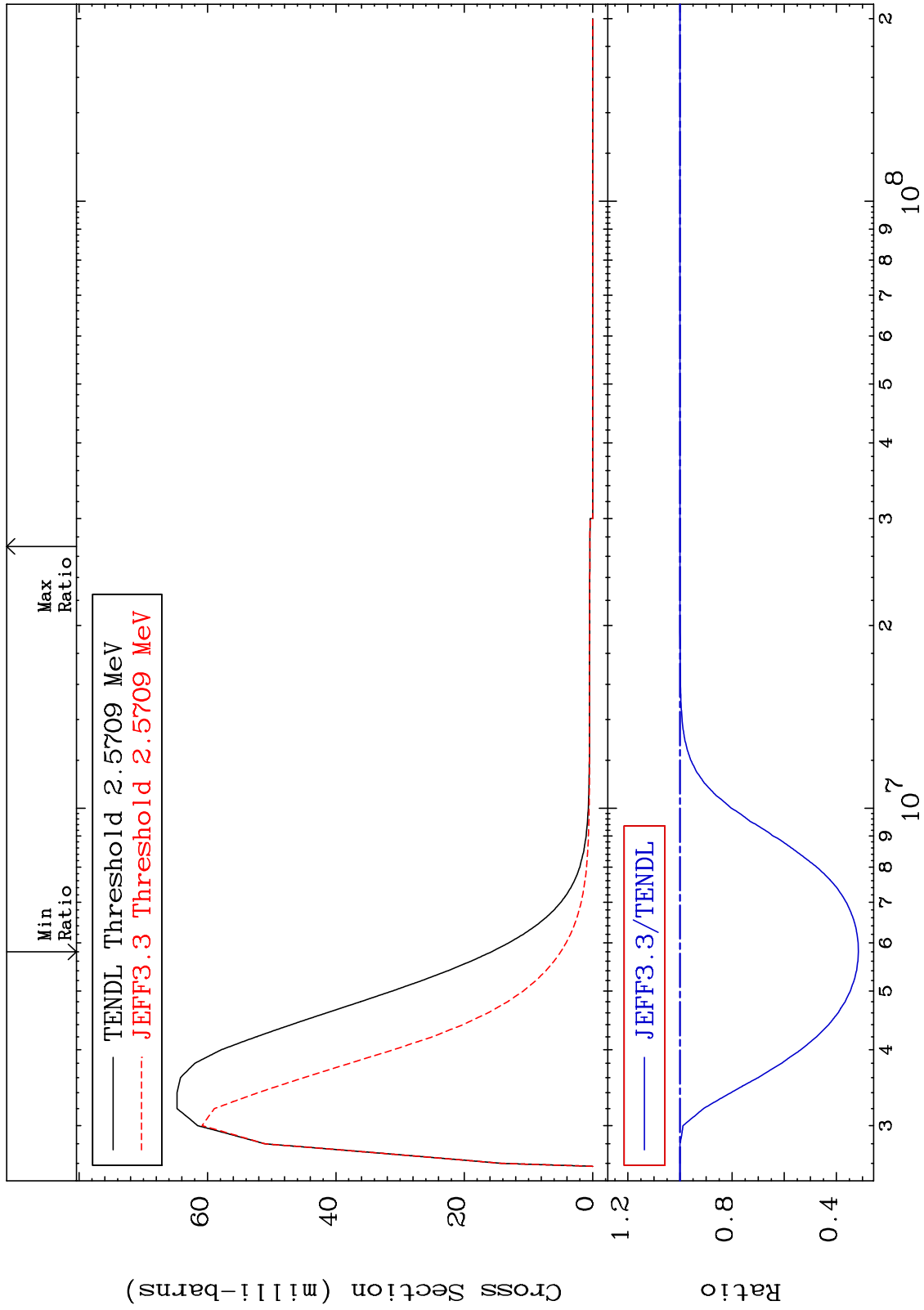
32-Ge-74
-43.12 To 0.000 %



MAT 3237

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

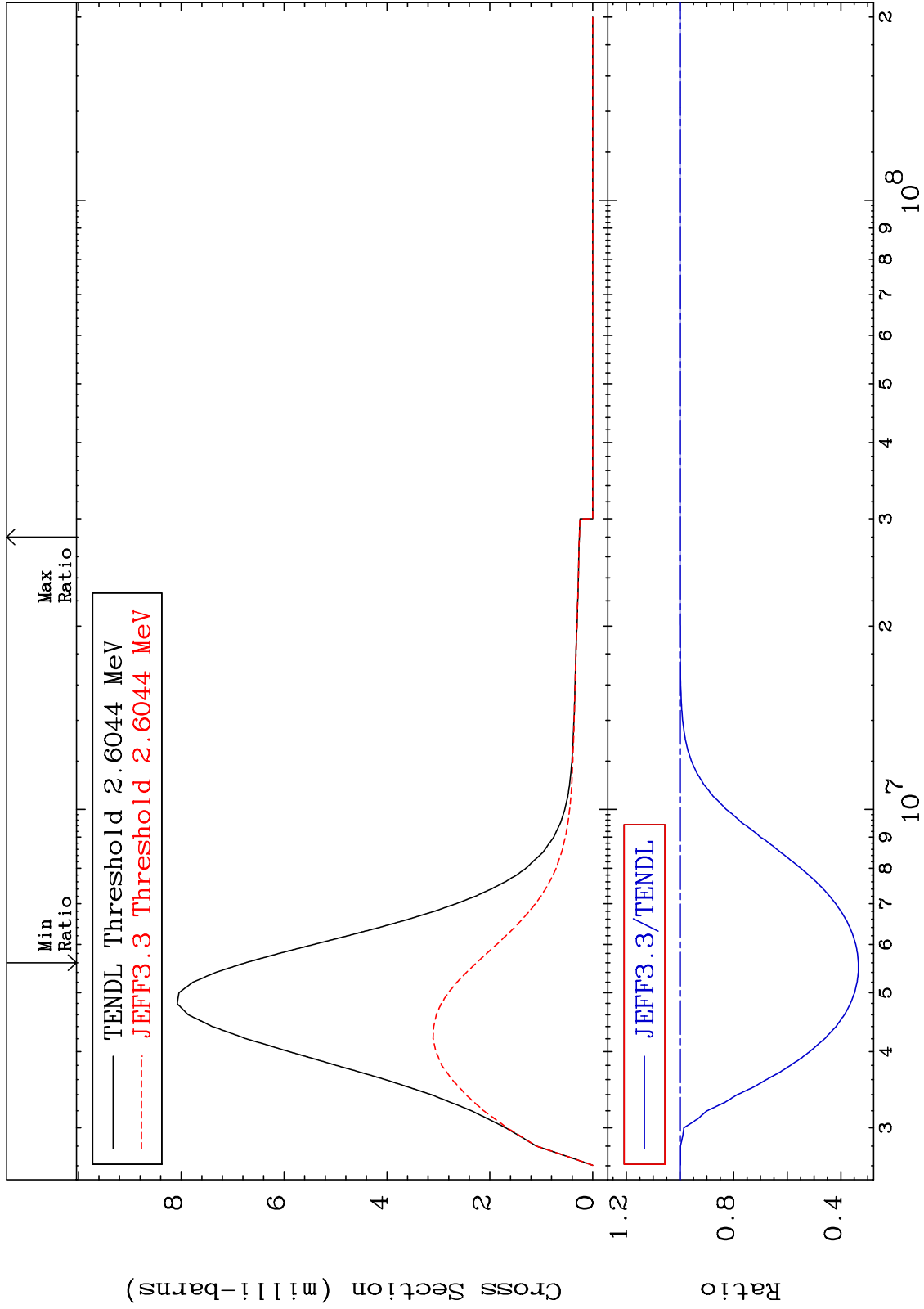
32-Ge-74
-68.44 To 0.000 %



MAT 3237

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

32-Ge-74
-66.54 To 0.000 %



35

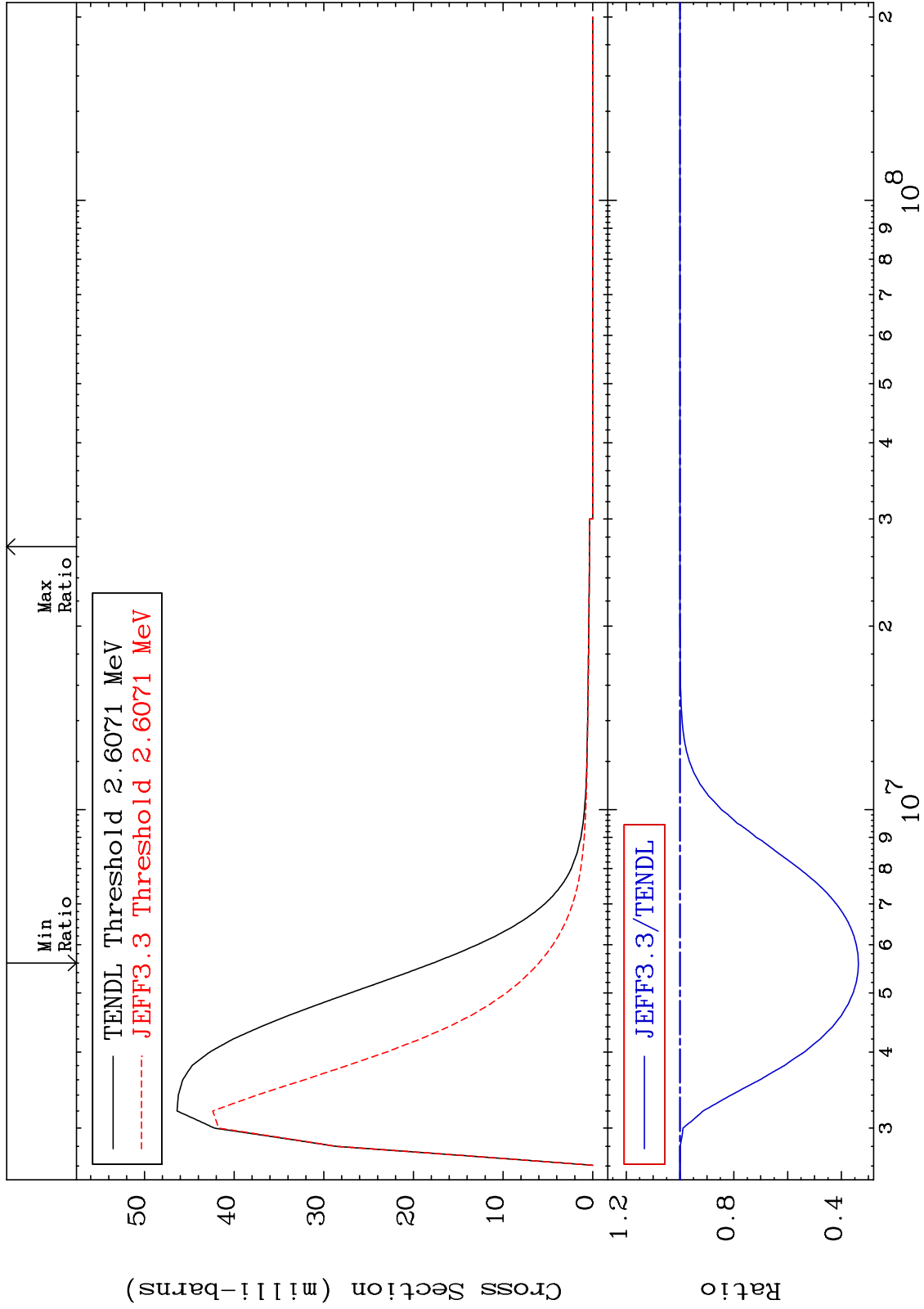
Incident Energy (eV)

32-Ge-74

MAT 3237

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

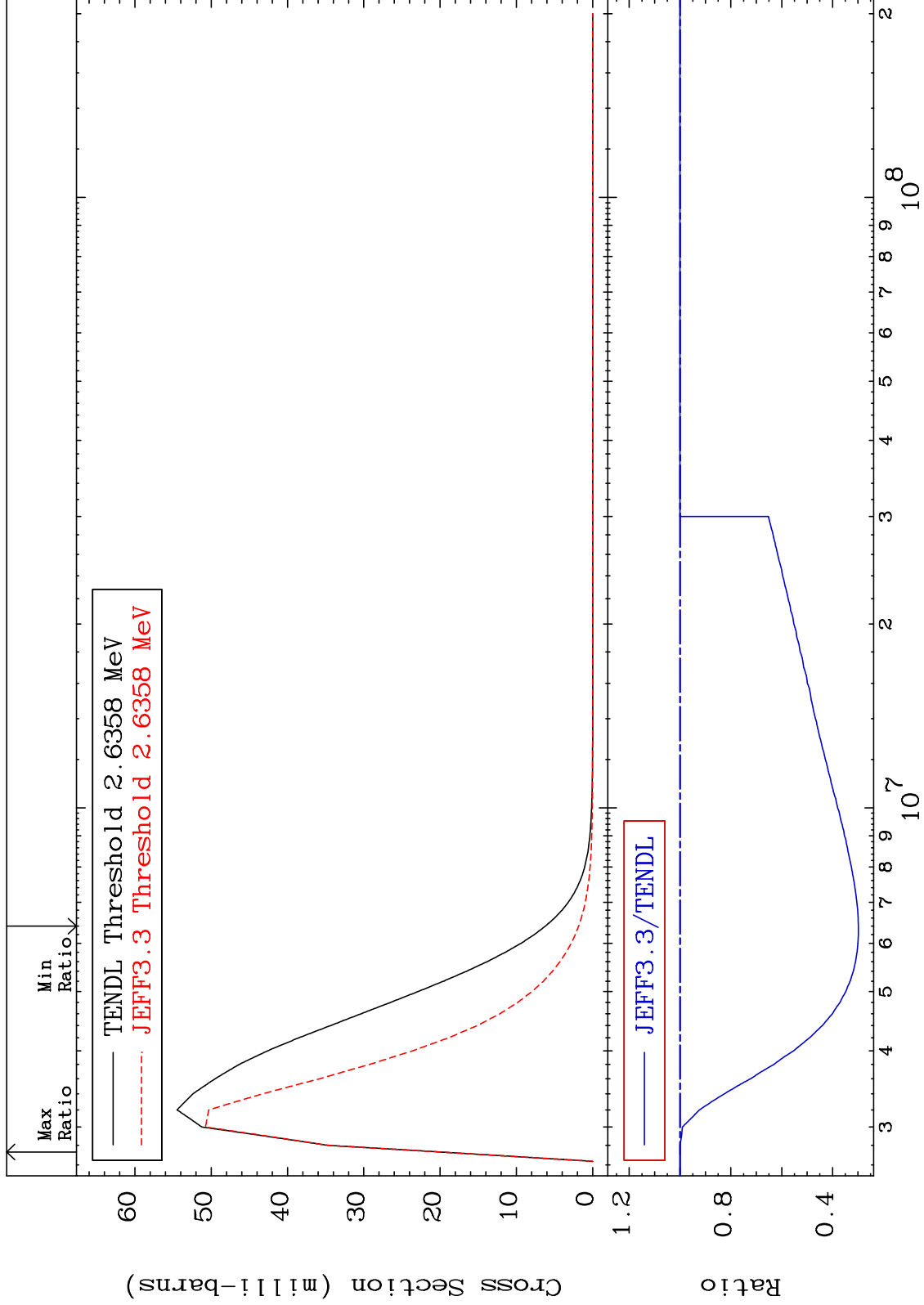
32-Ge-74
-66.31 To 0.000 %



MAT 3237

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

32-Ge-74
-70.18 To 0.007 %



37

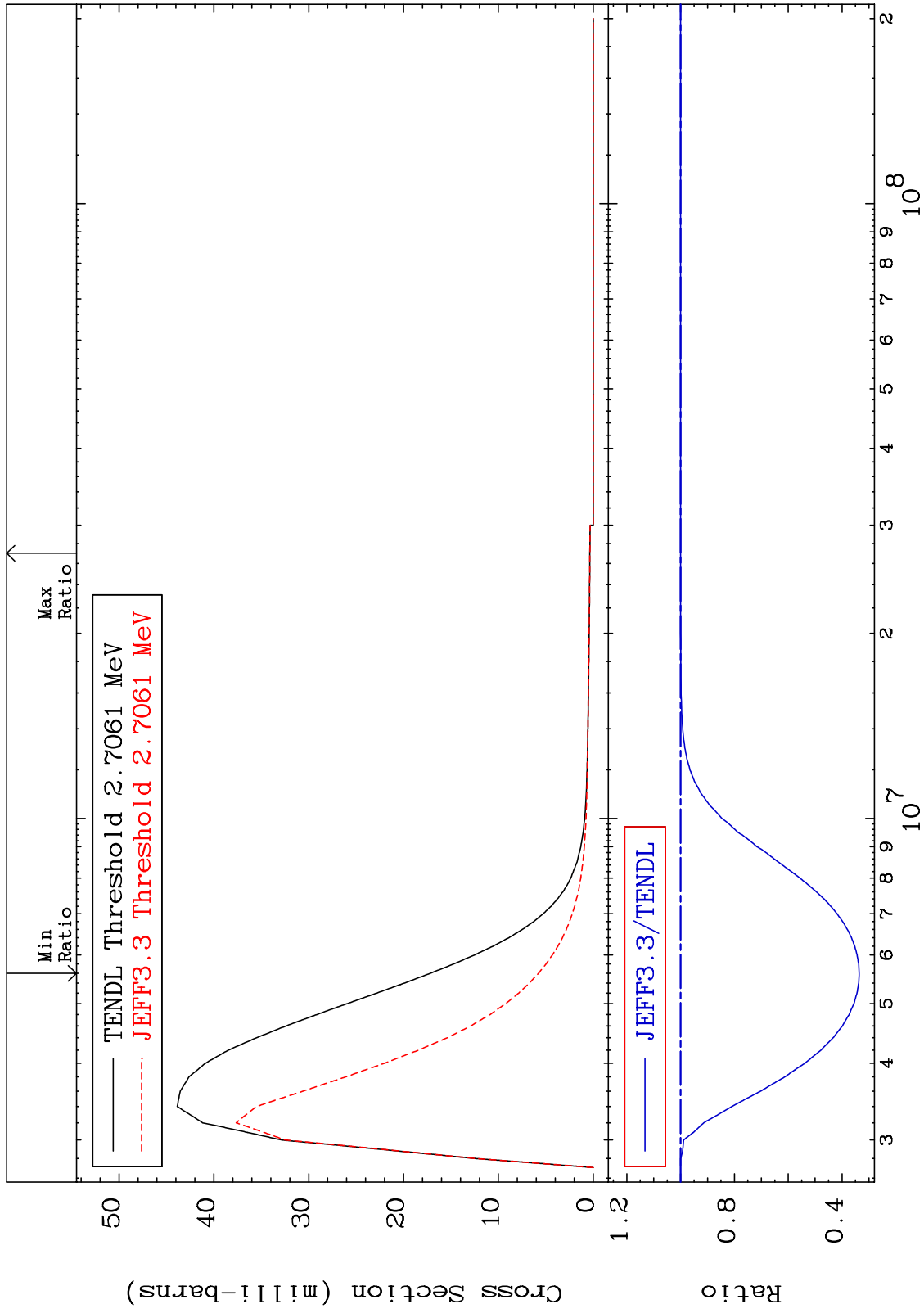
Incident Energy (eV)

32-Ge-74

MAT 3237

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

32-Ge-74
-66.38 To 0.000 %



38

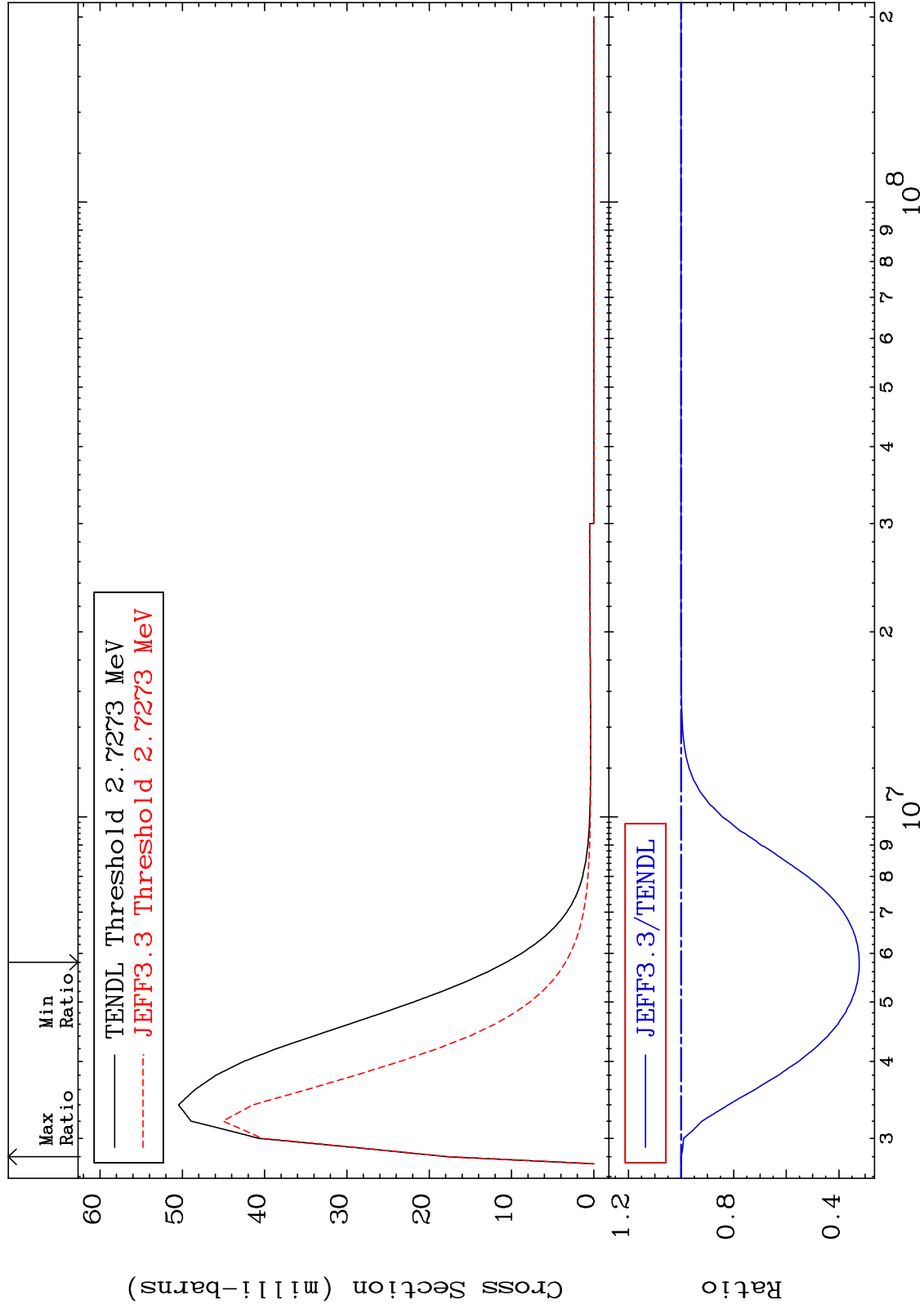
Incident Energy (eV)

32-Ge-74

MAT 3237

MT= 70 (n,n') Level
Cross Section

32-Ge-74
-67.75 To 0.008 %



39

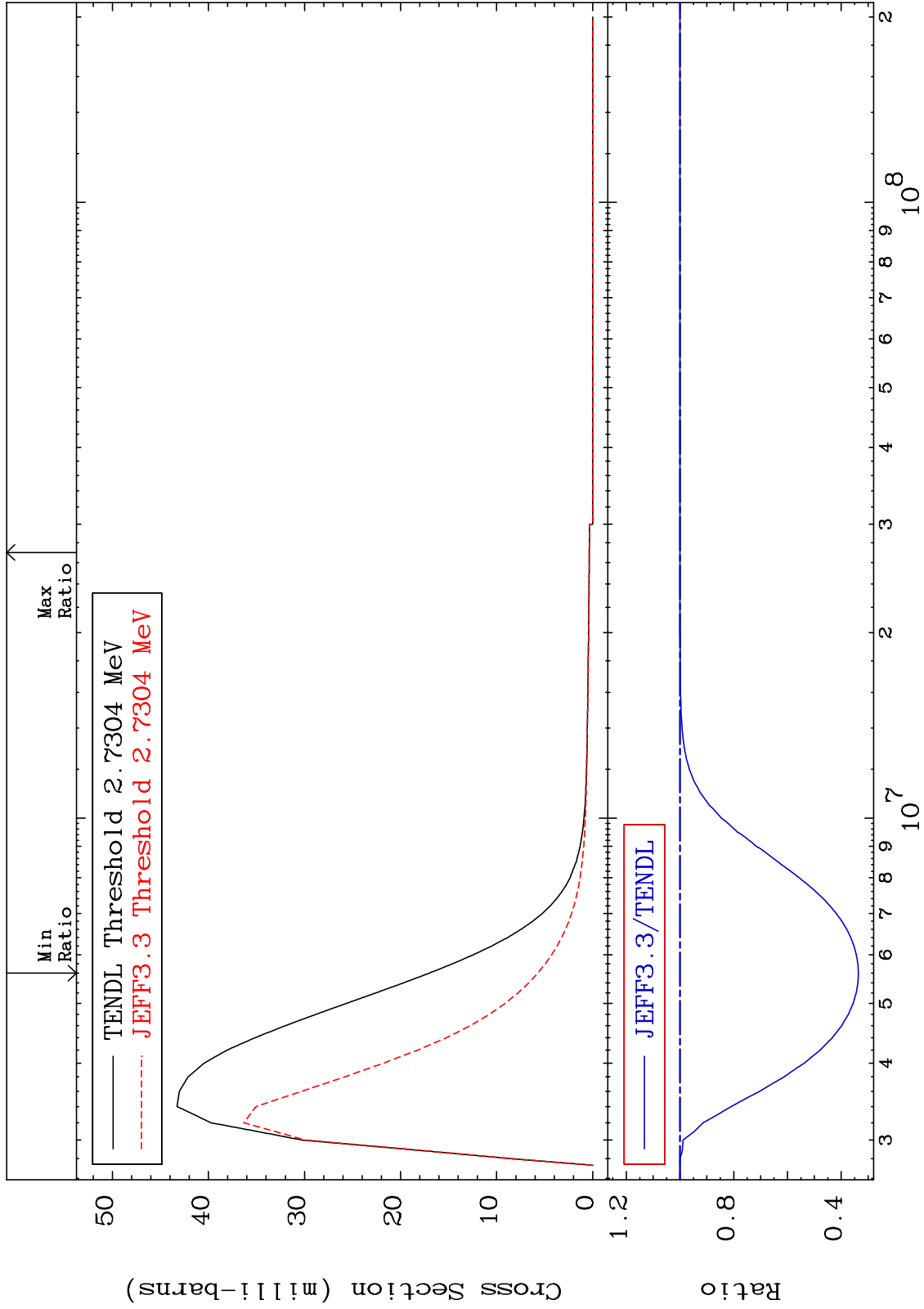
Incident Energy (eV)

32-Ge-74

MAT 3237

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

32-Ge-74
-66.40 To 0.000 %



40

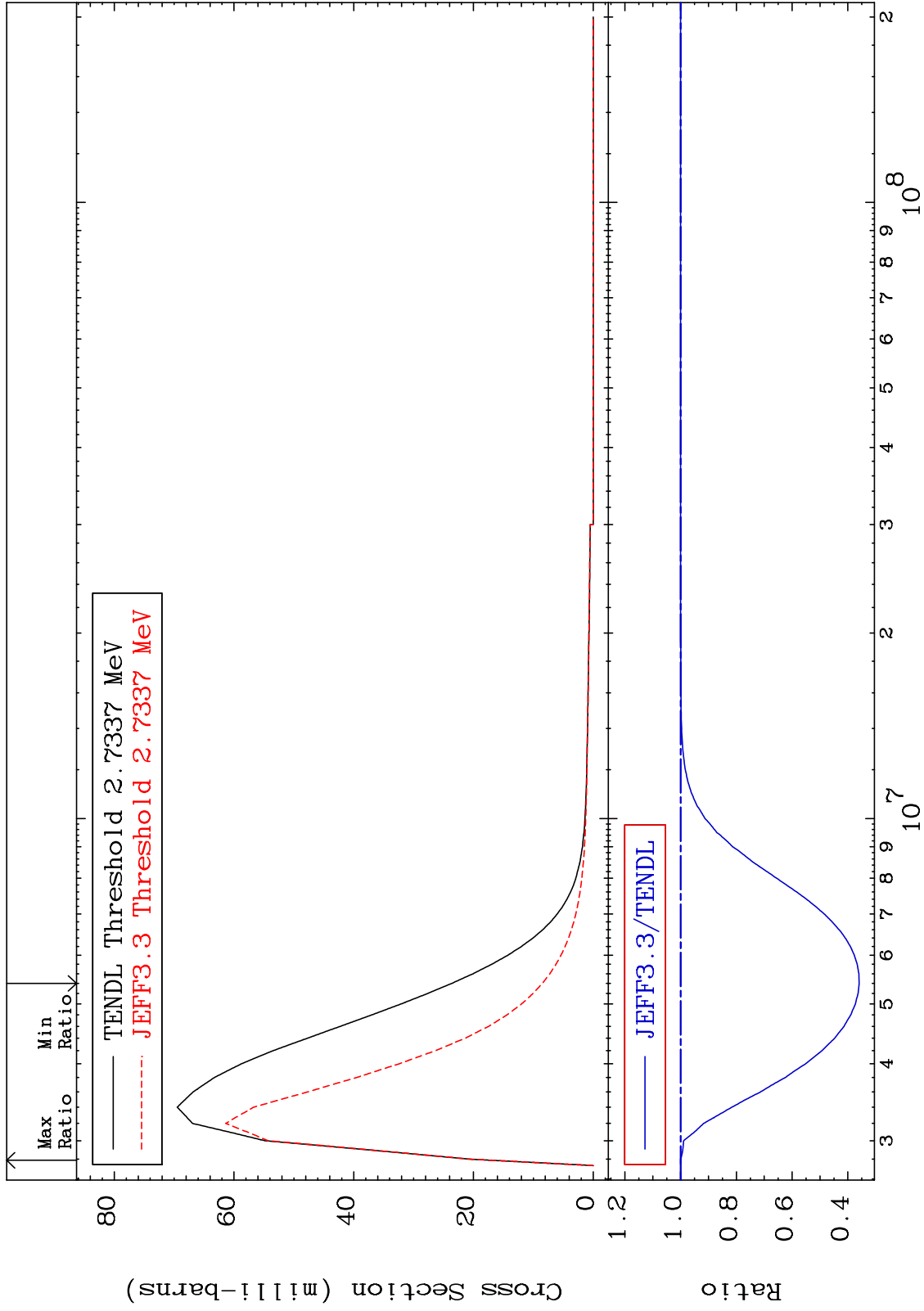
Incident Energy (eV)

32-Ge-74

MAT 3237

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

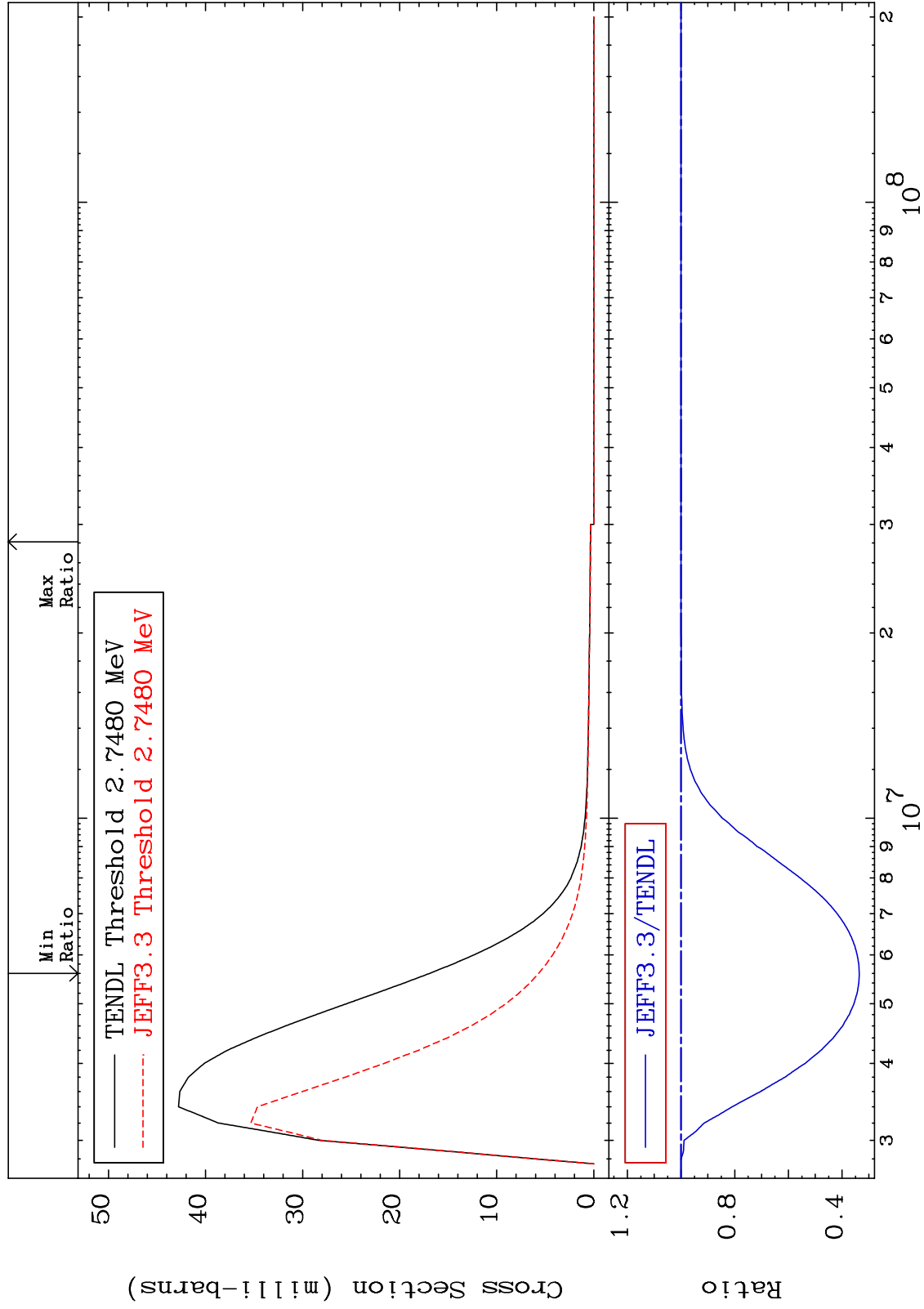
32-Ge-74
-64.06 To 0.005 %



MAT 3237

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

32-Ge-74
-66.41 To 0.000 %



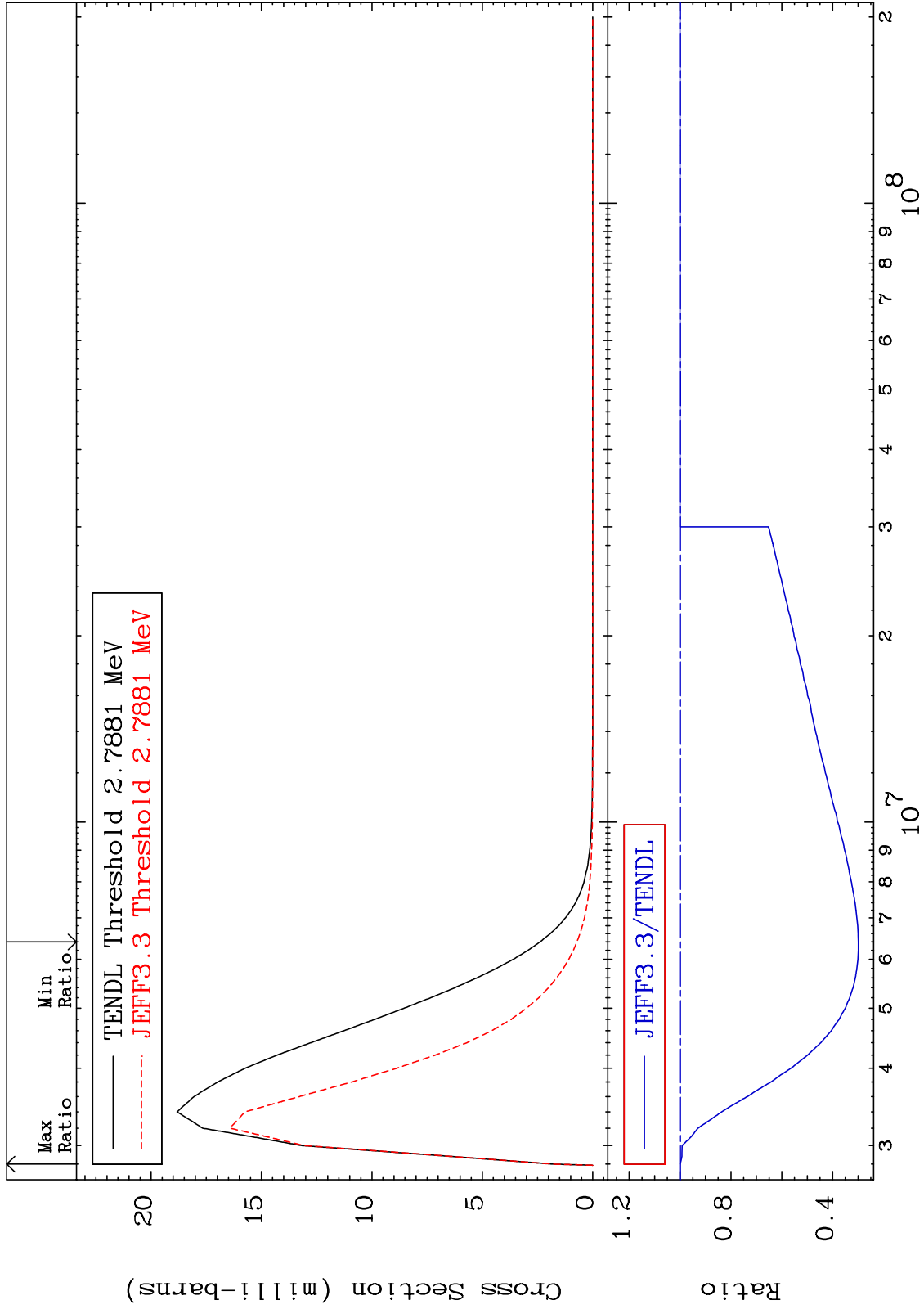
42

32-Ge-74

MAT 3237

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

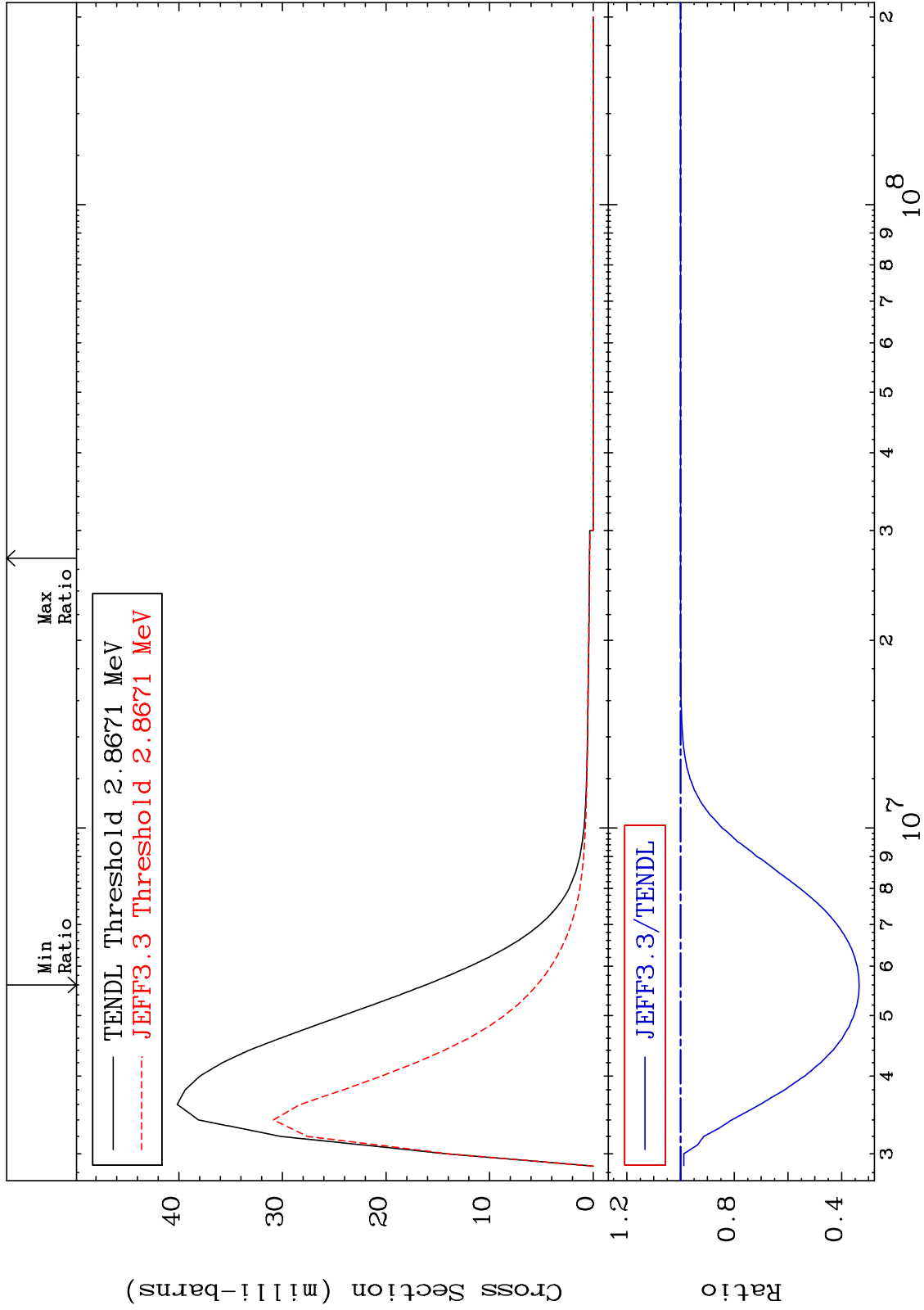
32-Ge-74
-70.13 To 0.014 %



MAT 3237

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

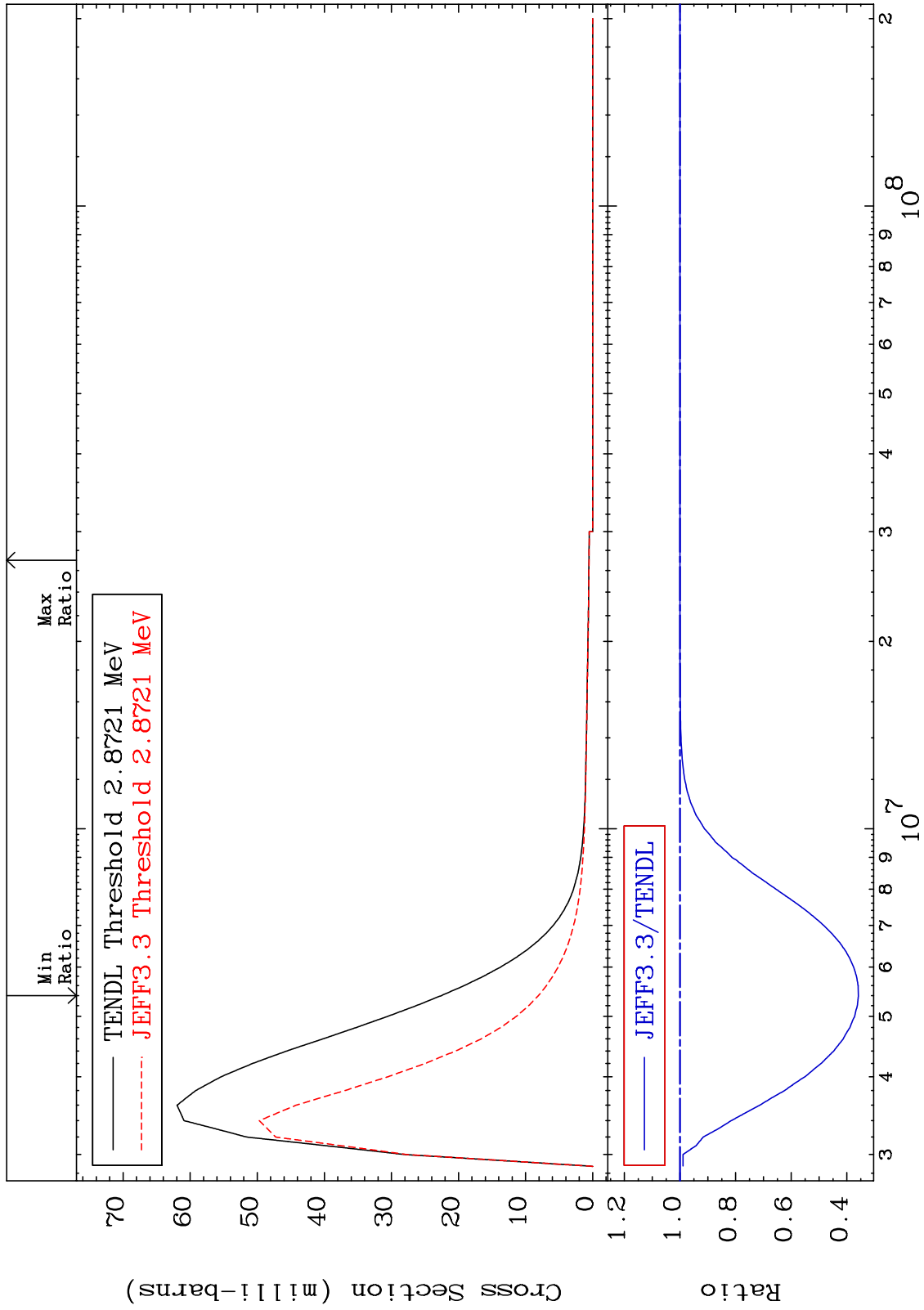
32-Ge-74
-66.51 To 0.000 %



MAT 3237

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

32-Ge-74
-64.15 To 0.000 %



45

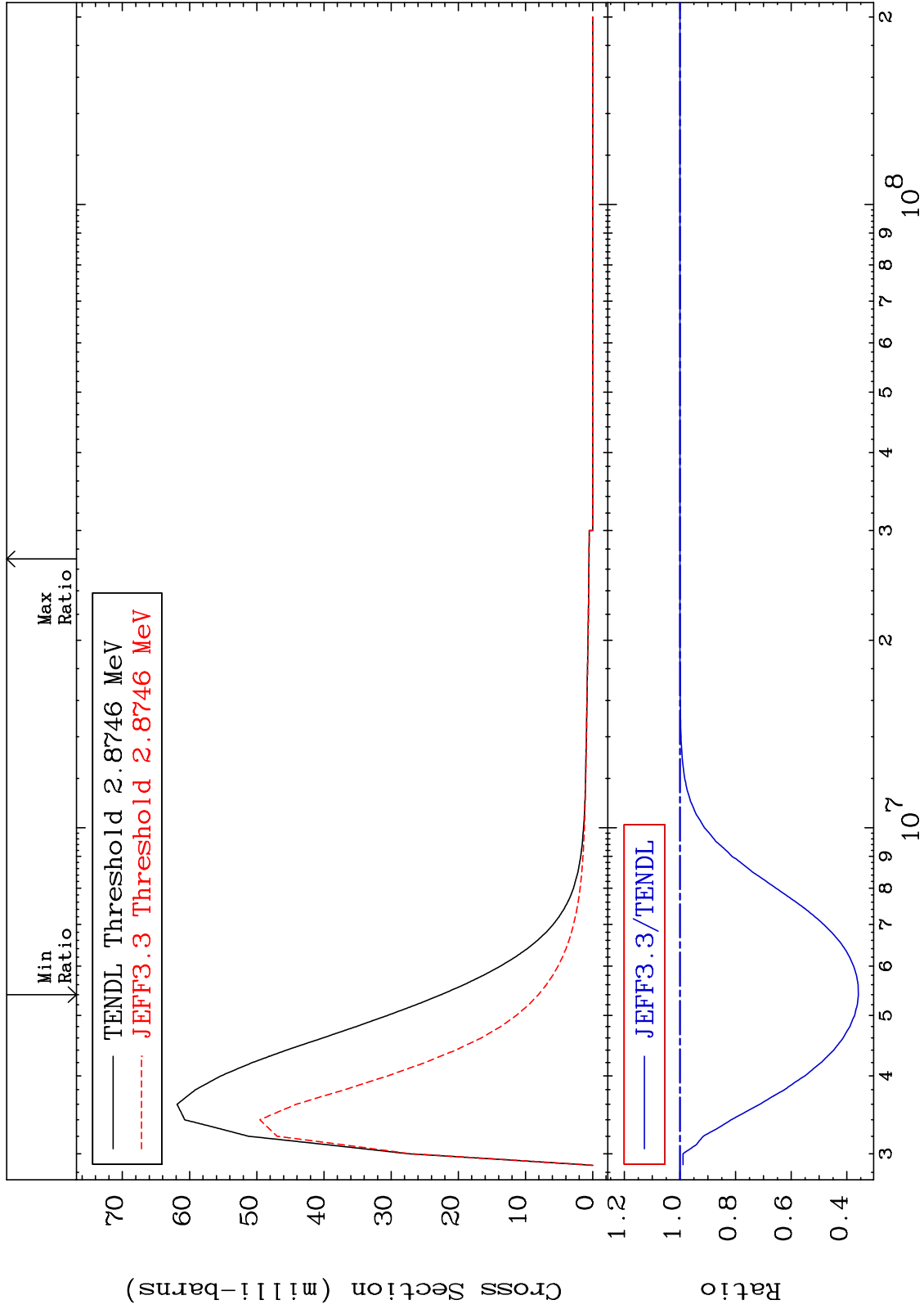
Incident Energy (eV)

32-Ge-74

MAT 3237

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

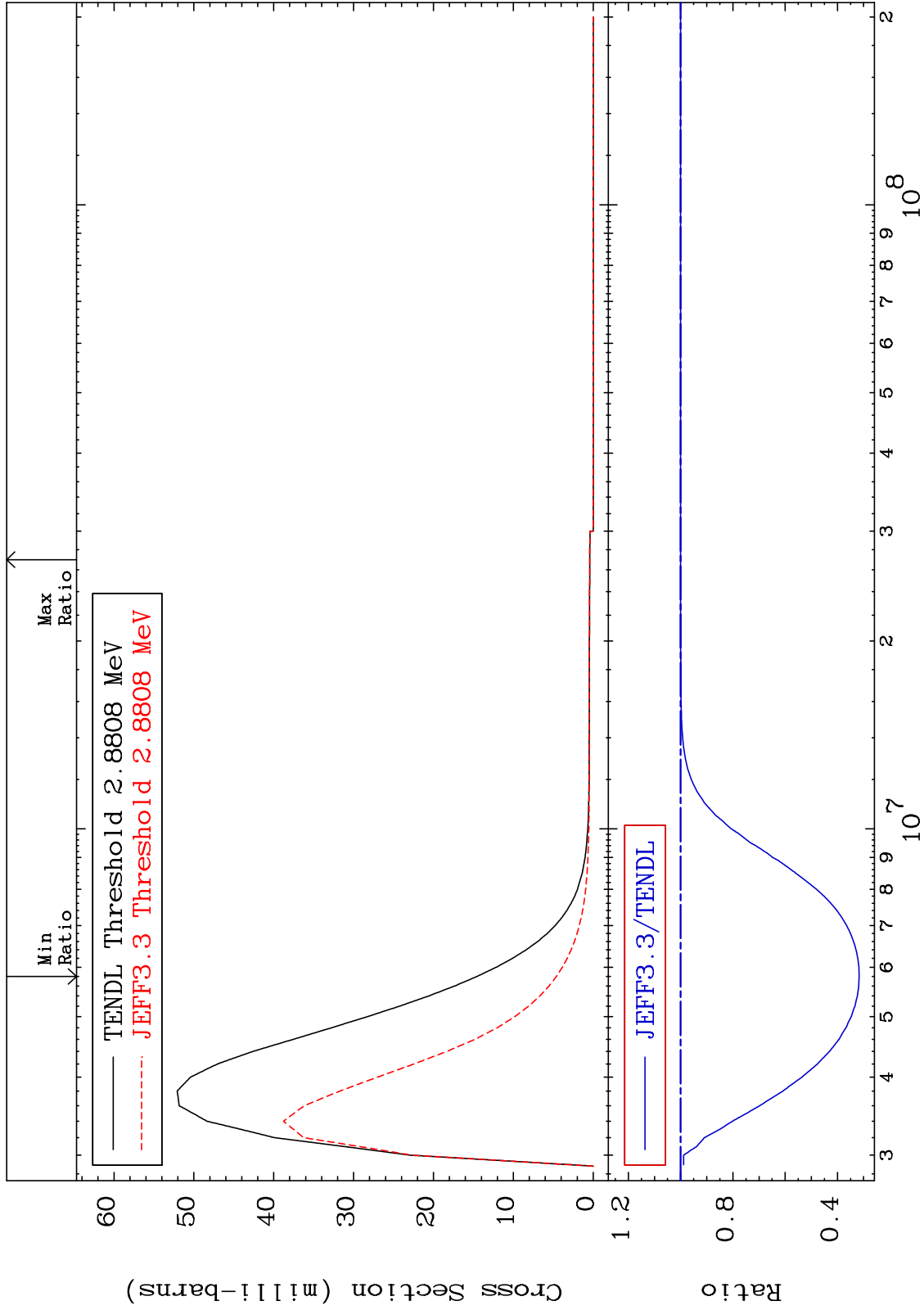
32-Ge-74
-64.15 To 0.000 %



MAT 3237

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

32-Ge-74
-68.31 To 0.000 %



47

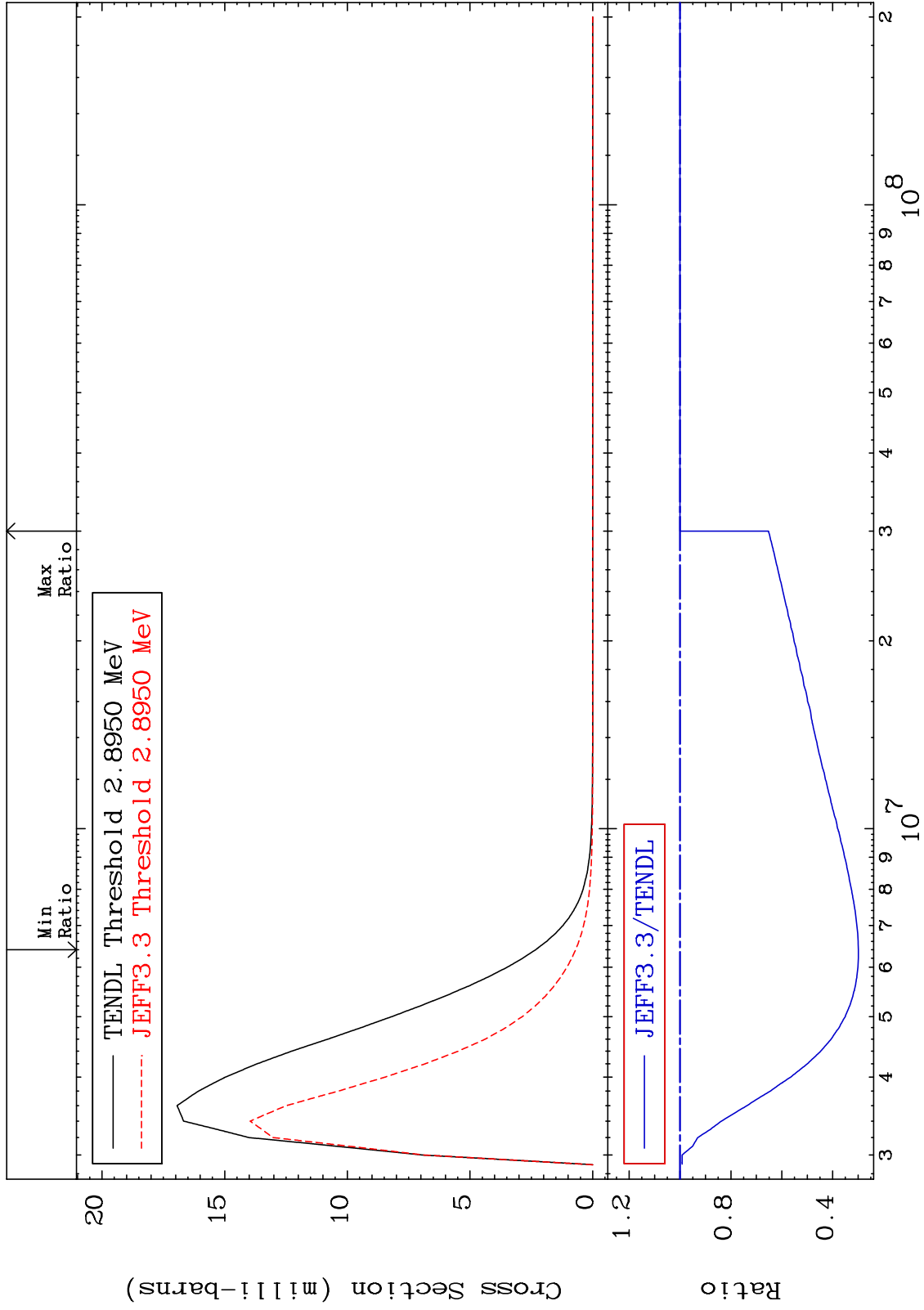
Incident Energy (eV)

32-Ge-74

MAT 3237

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

32-Ge-74
-70.12 To 0.000 %



48

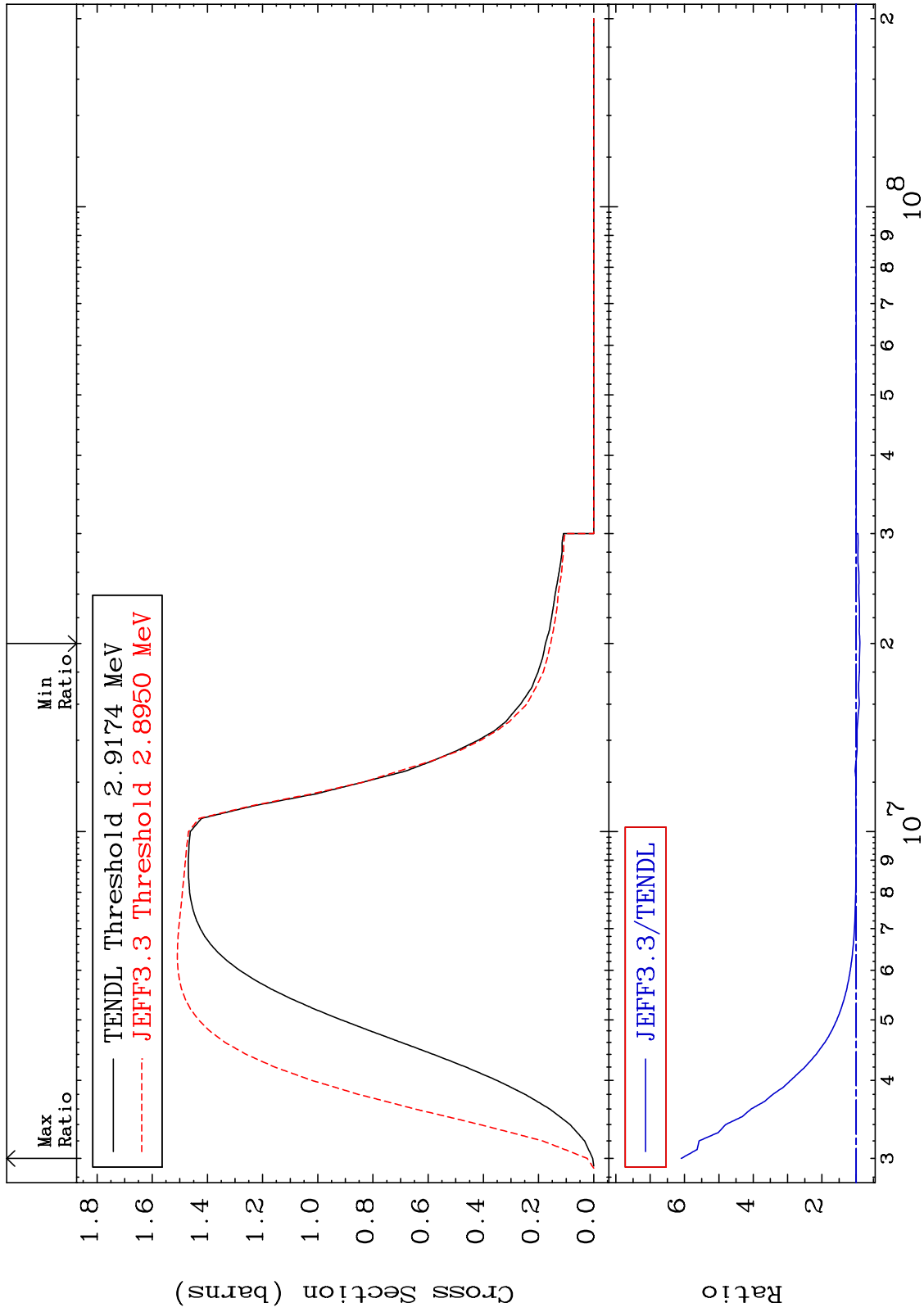
Incident Energy (eV)

32-Ge-74

MAT 3237

(n, n') Continuum
Cross Section

32-Ge-74
-10.72 To 509.6 %



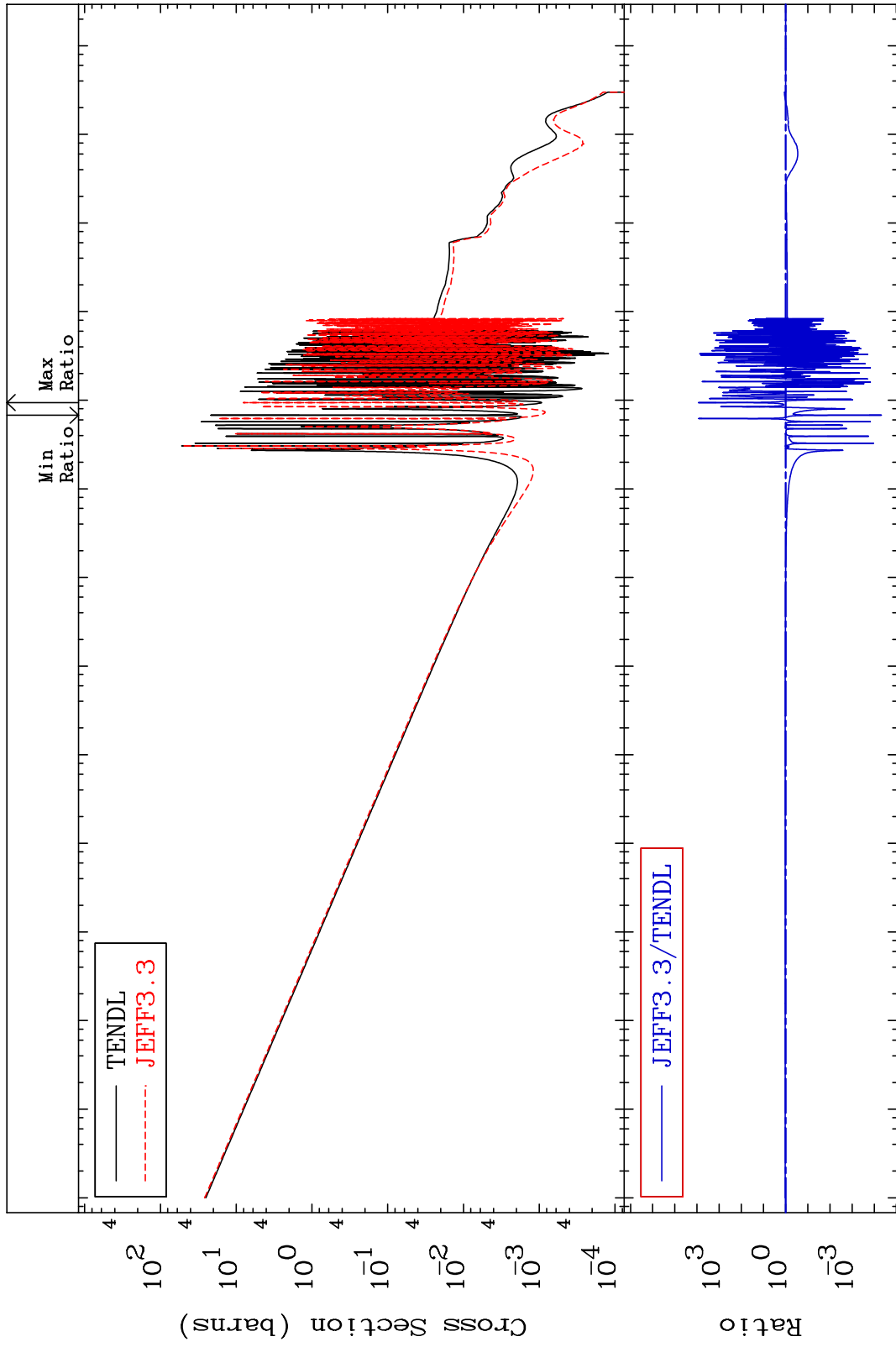
MAT 3237

(n, γ)

32-Ge-74

Cross Section

-100.0 To 9999. %



50

Incident Energy (eV)

32-Ge-74

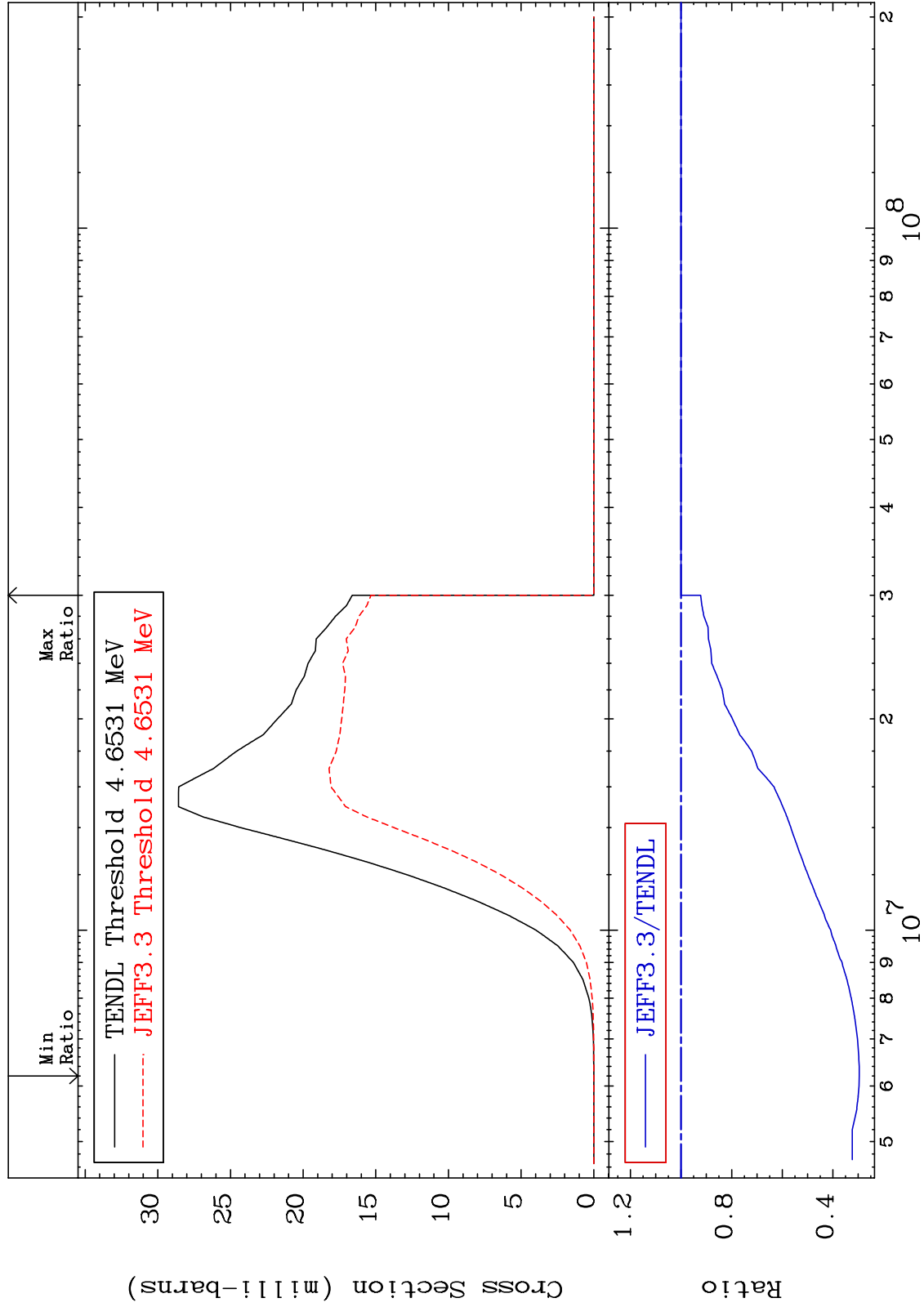
MAT 3237

(n, p)

32-Ge-74

Cross Section

-70.44 To 0.000 %



51

Incident Energy (eV)

32-Ge-74

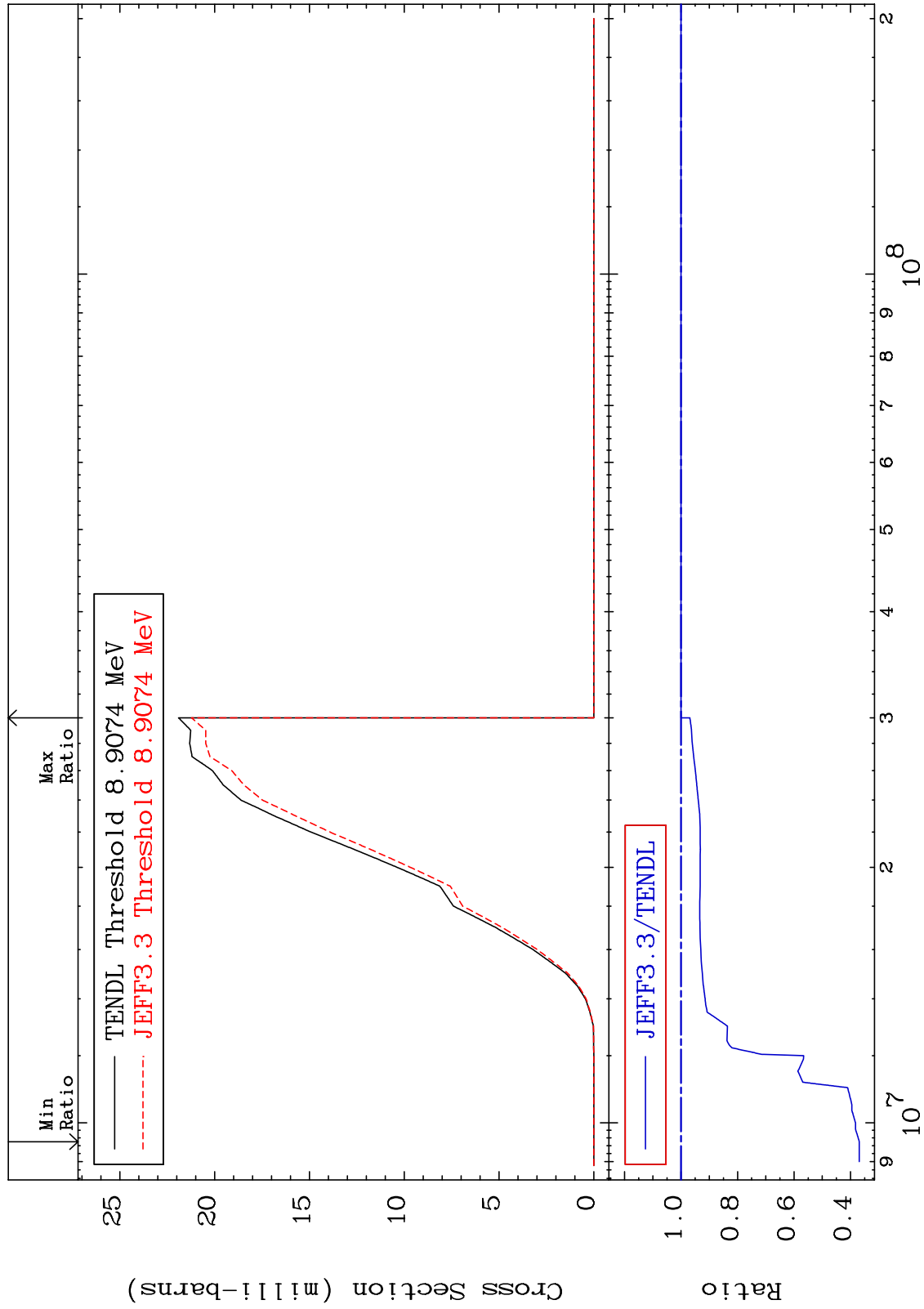
MAT 3237

(n, d)

³²Ge-74

Cross Section

-63.10 To 0.000 %



52

Incident Energy (eV)

³²Ge-74

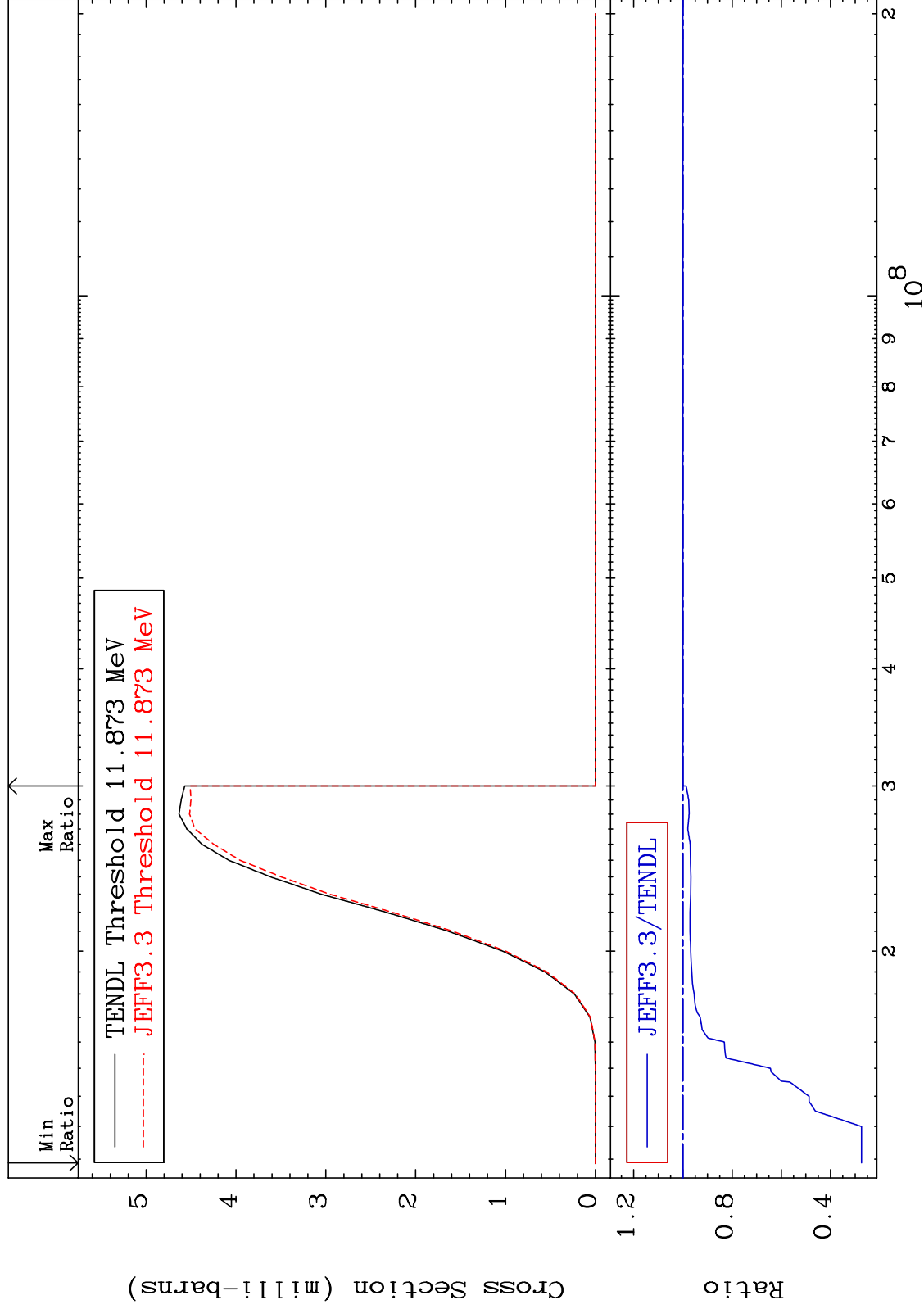
MAT 3237

(n, t)

³²Ge-74

Cross Section

-72.62 To 0.000 %



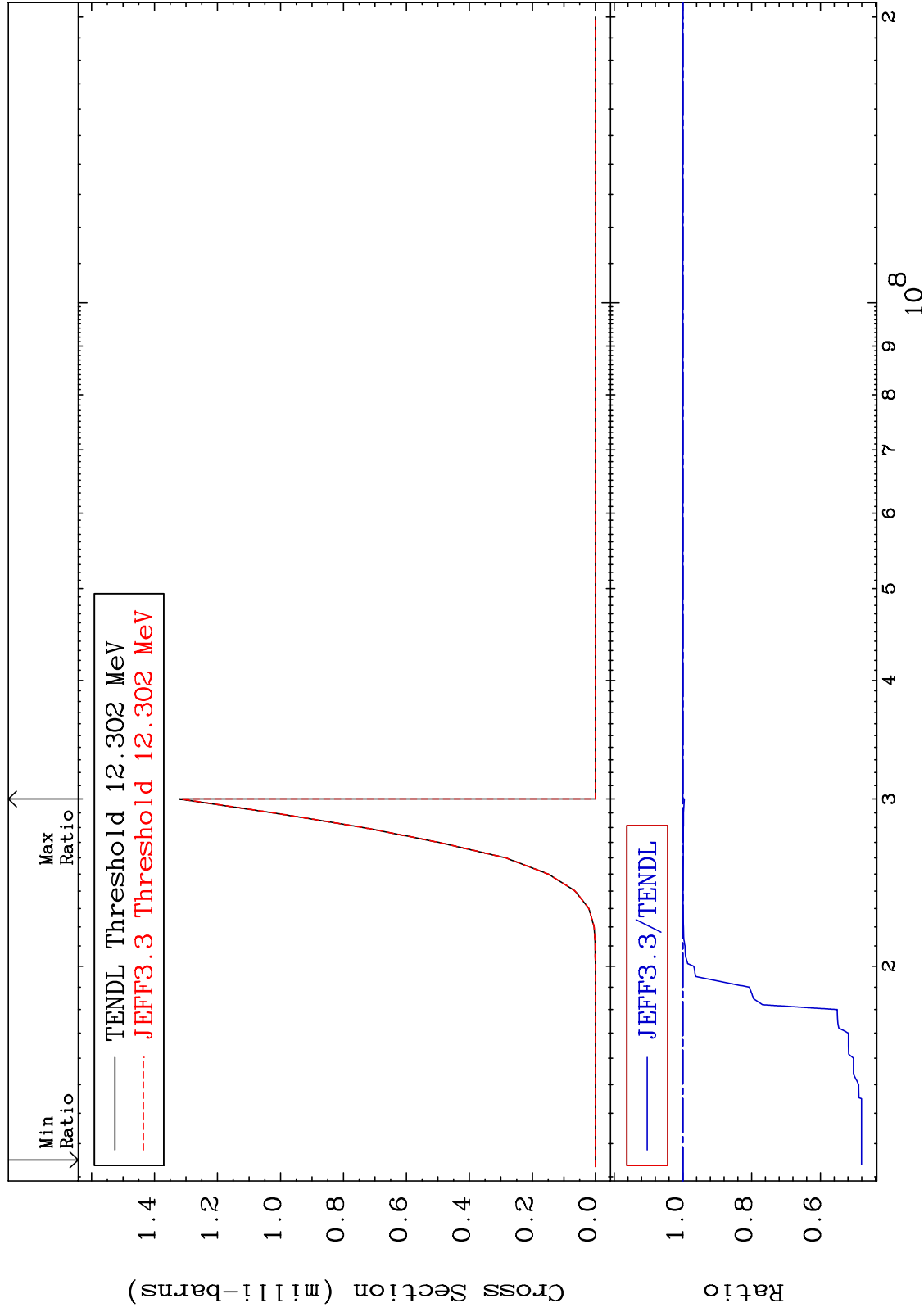
MAT 3237

(n, He-3)

32-Ge-74

Cross Section

-51.97 To 0.000 %



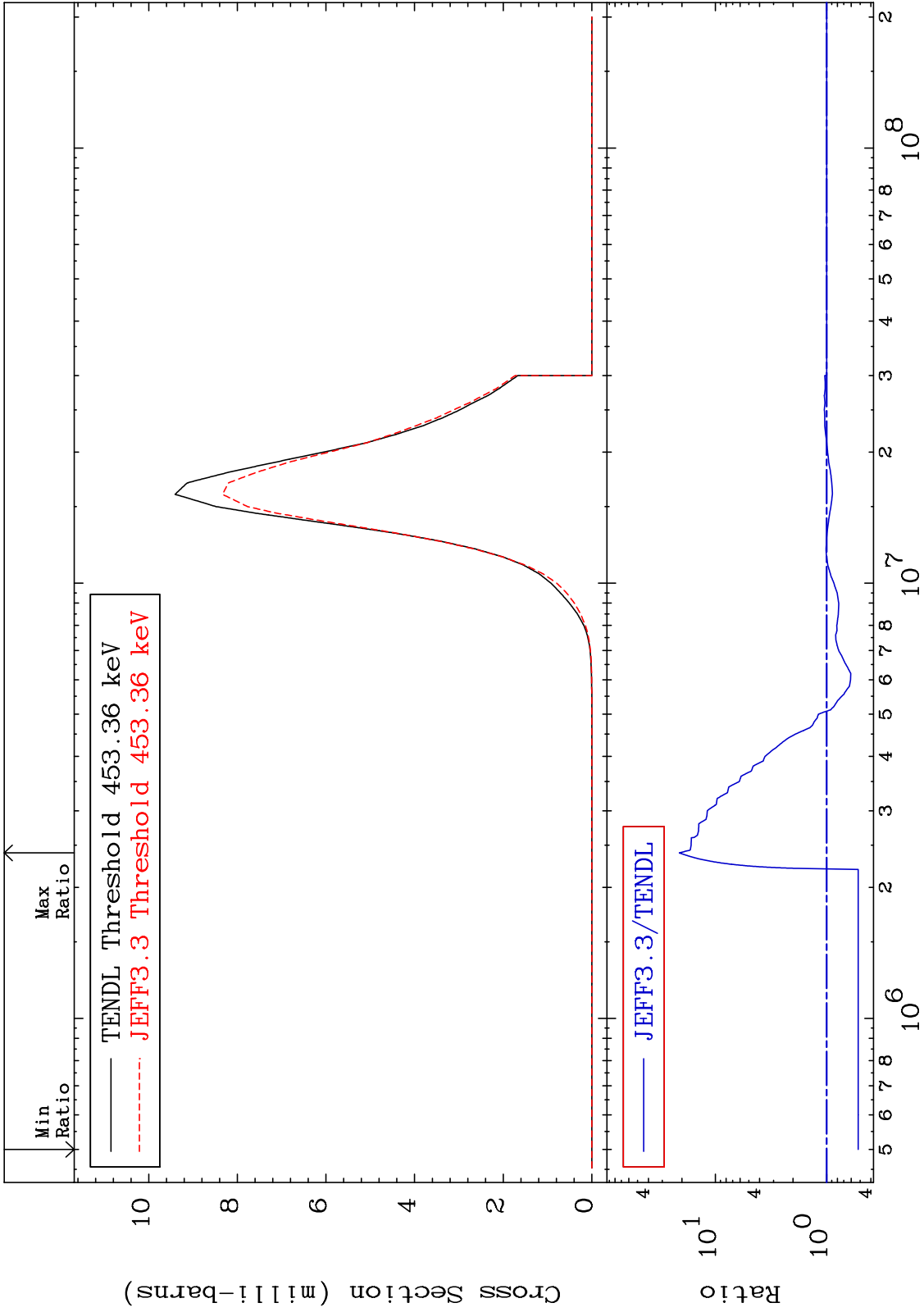
MAT 3237

(n, α)

³²Ge-74

-48.05 To 2008. %

Cross Section



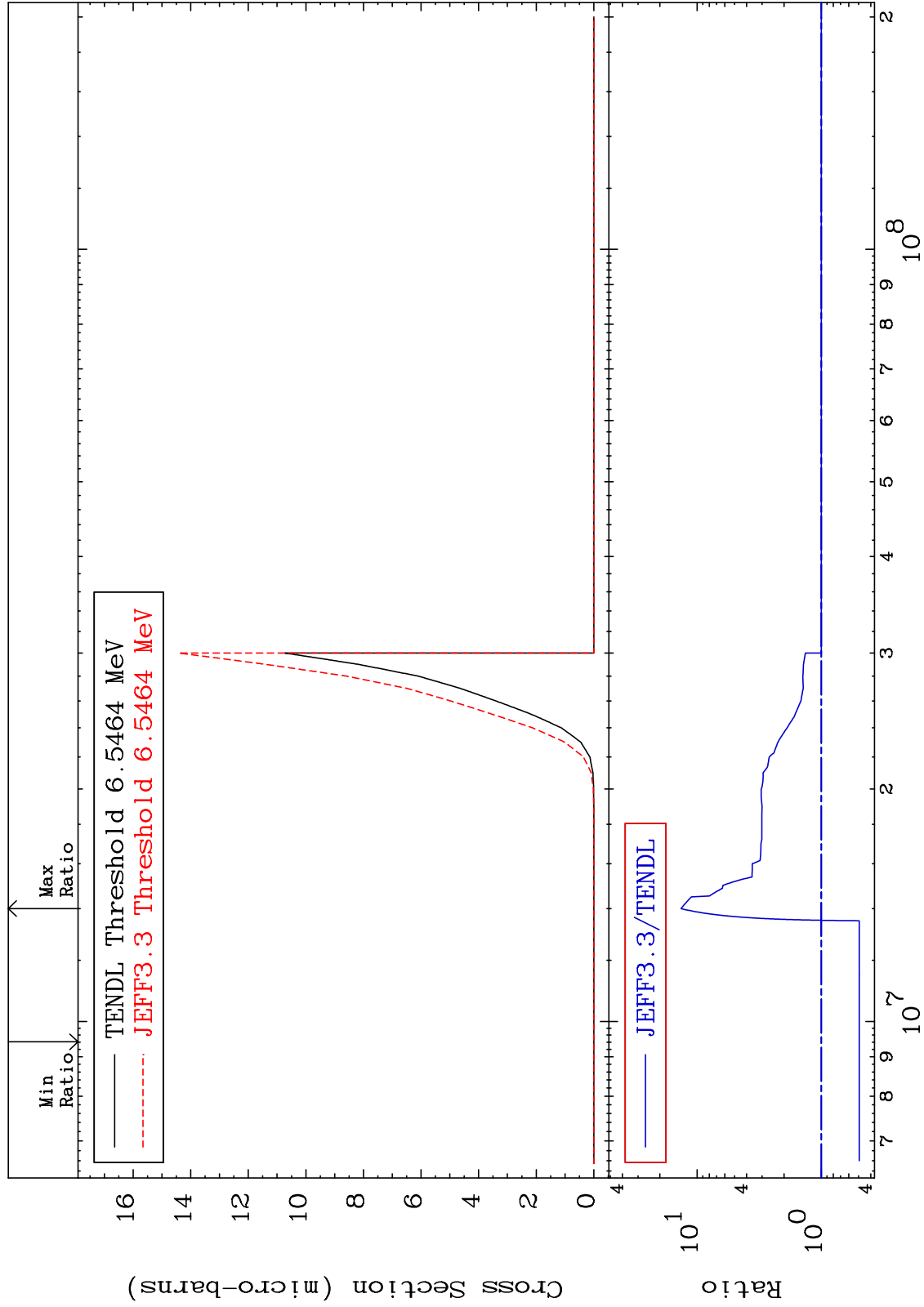
MAT 3237

(n, 2α)

32-Ge-74

Cross Section

-50.55 To 1249. %



56

Incident Energy (eV)

32-Ge-74

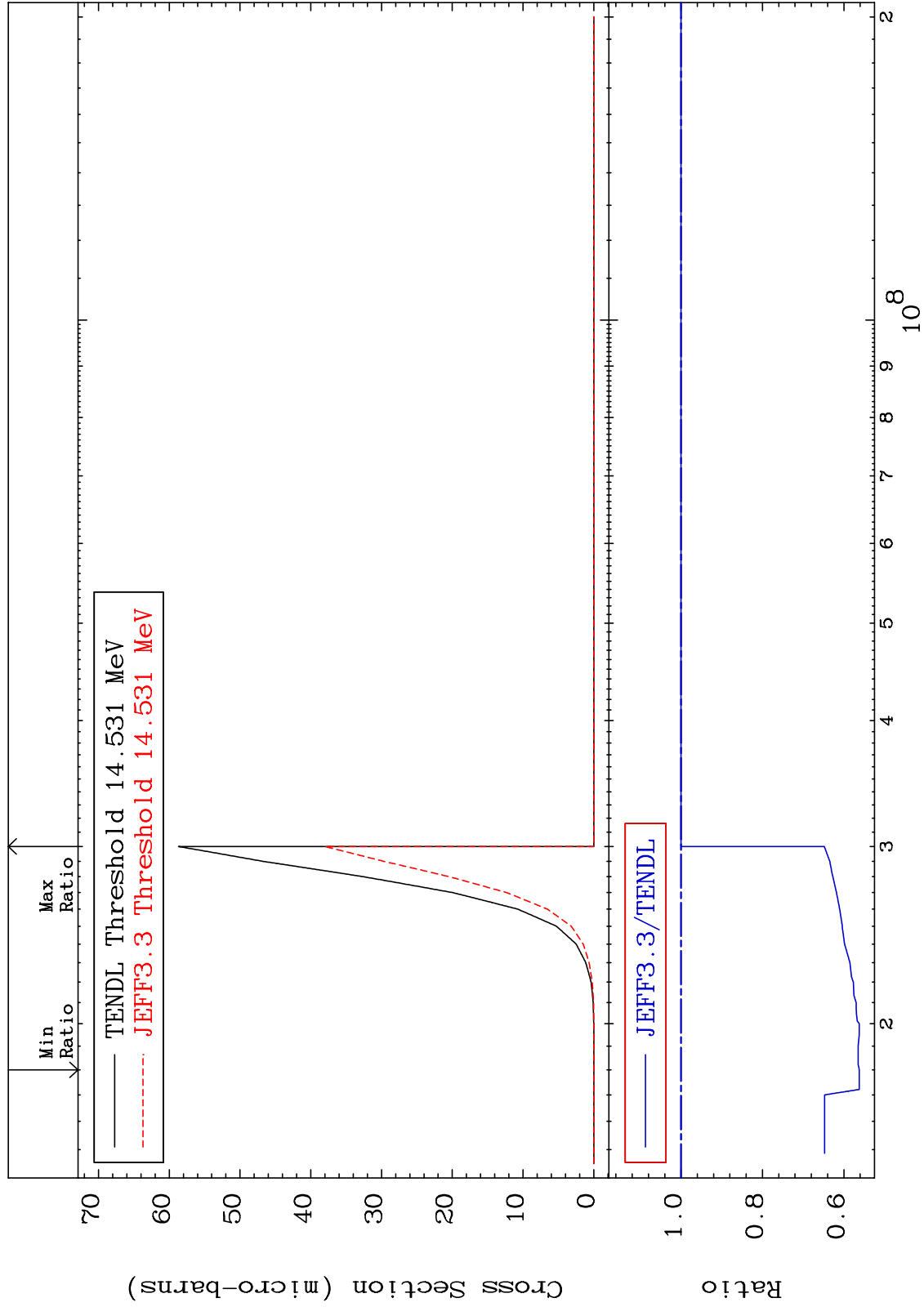
MAT 3237

(n,2p)

32-Ge-74

Cross Section

-43.78 To 0.000 %



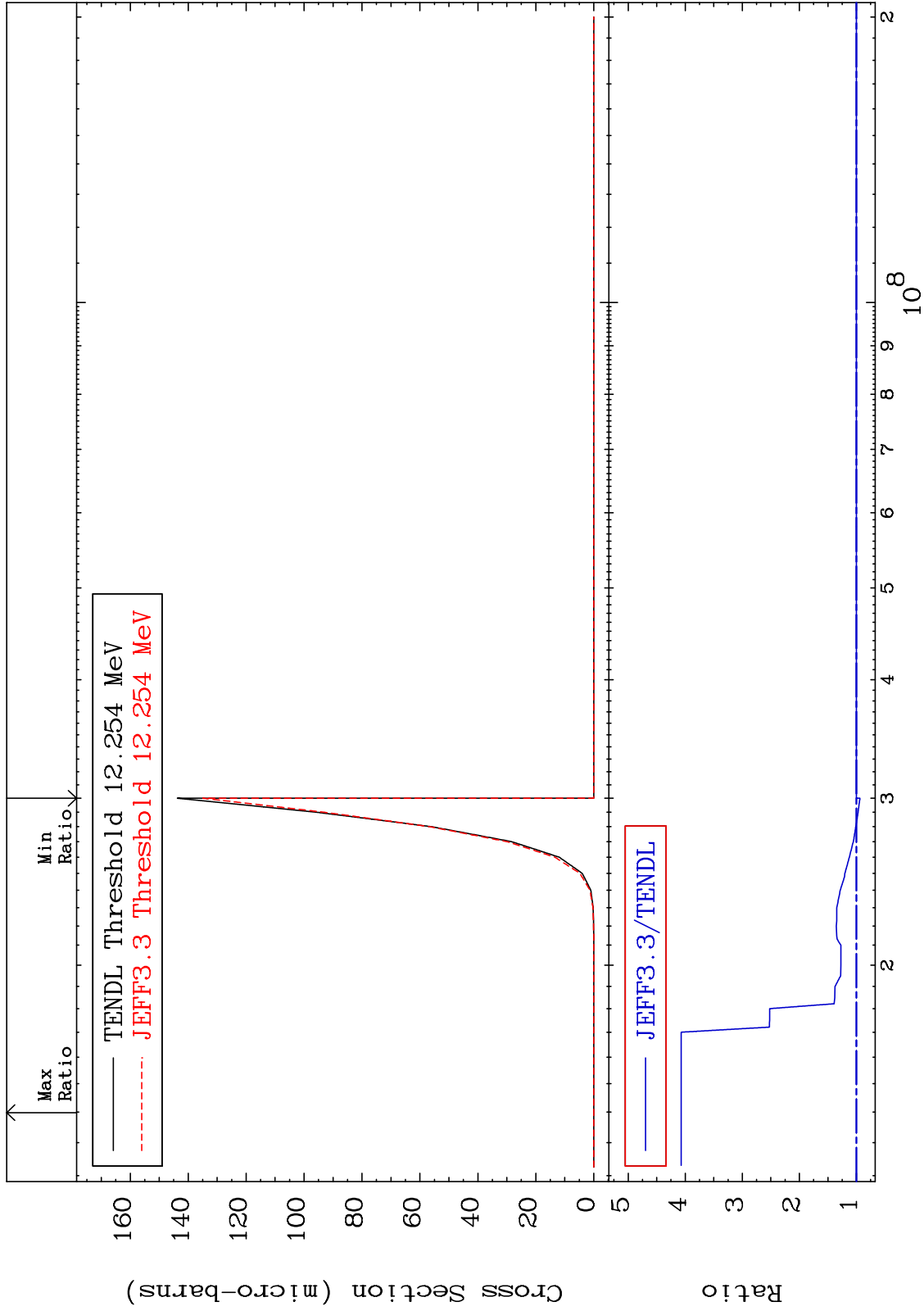
MAT 3237

(n,p) α

³²Ge-74

Cross Section

-6.146 To 307.0 %



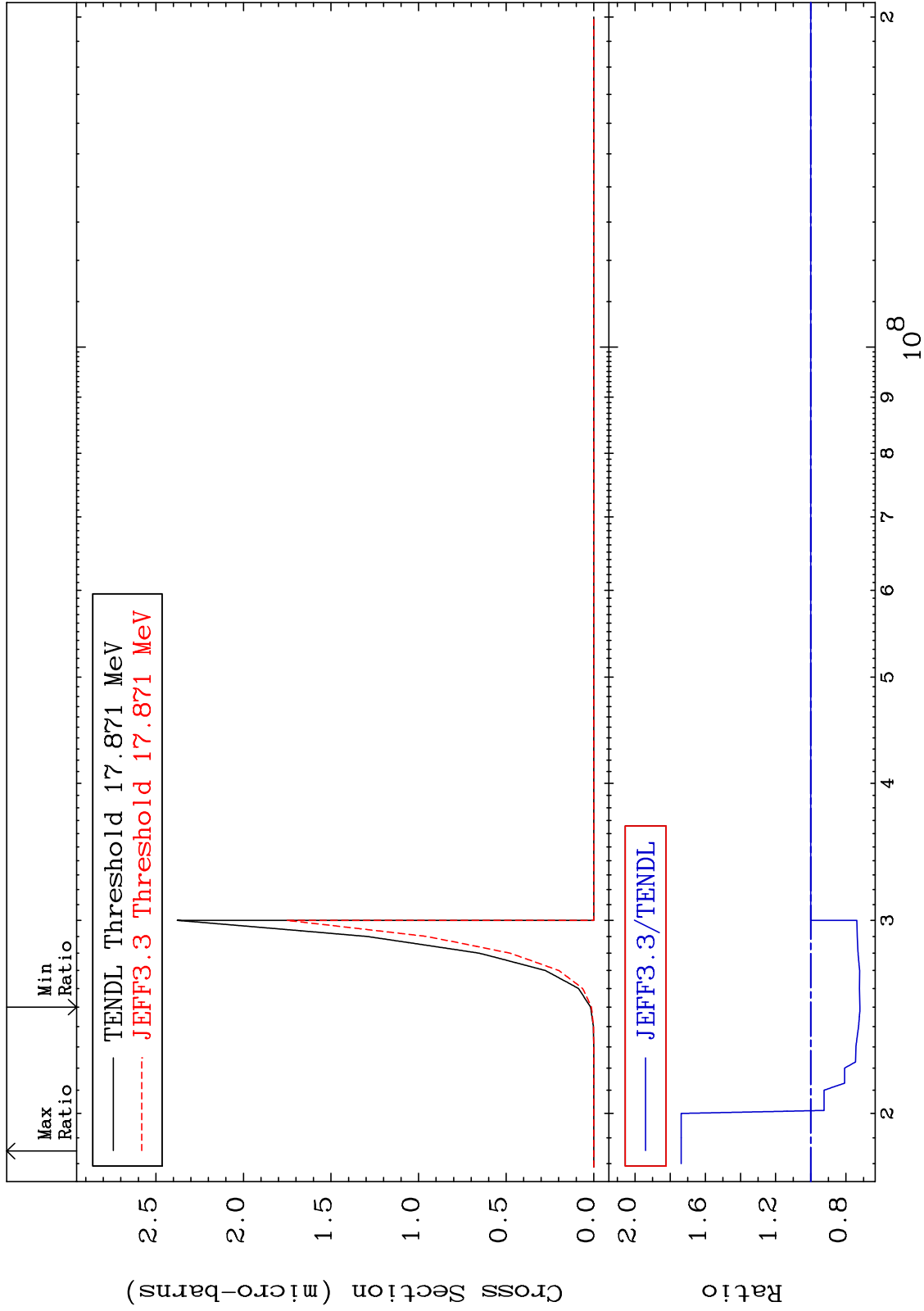
MAT 3237

(n,p) d

³²Ge-74

Cross Section

-27.94 To 73.71 %



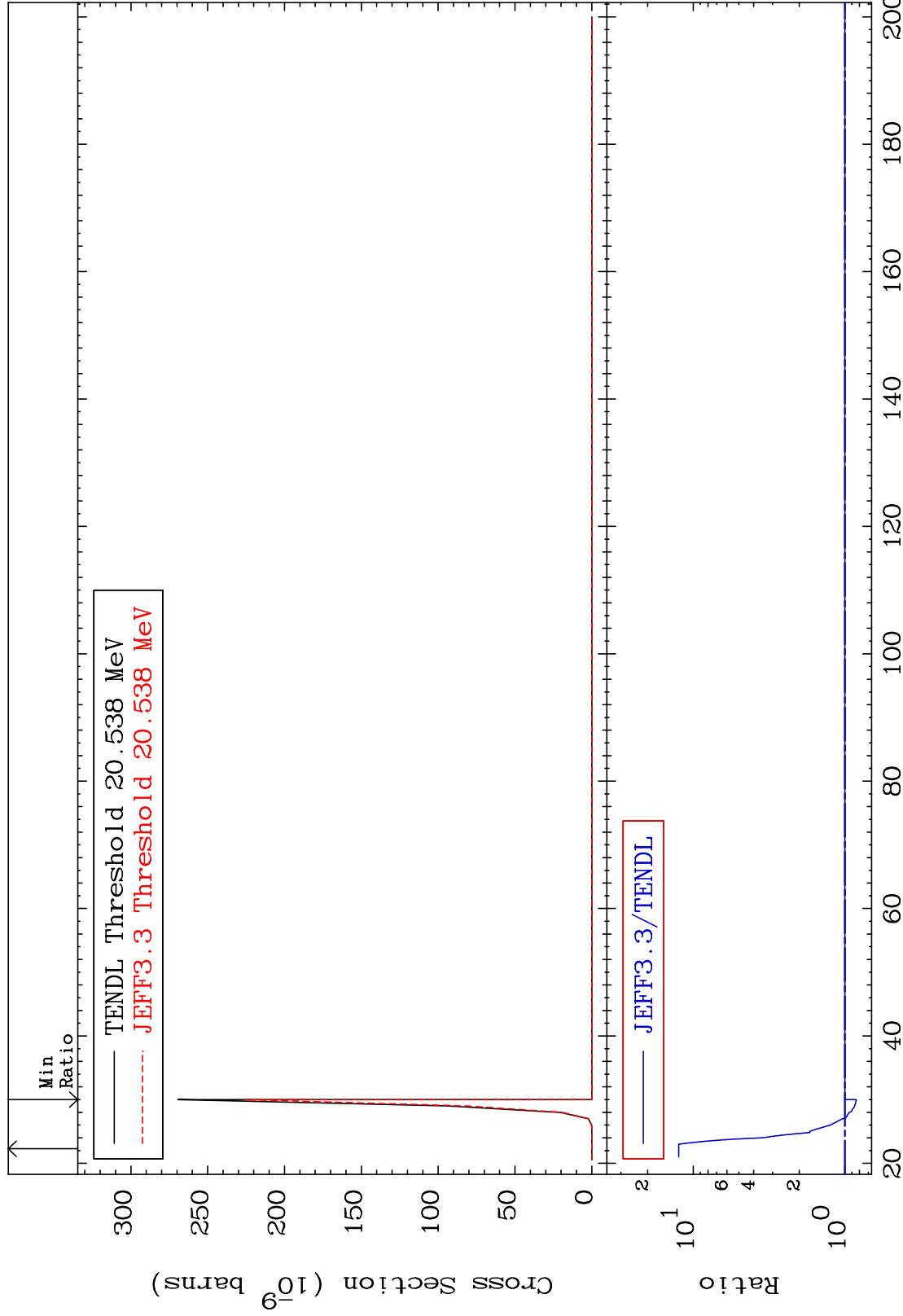
MAT 3237

(n,p) t

³²Ge-74

Cross Section

-16.17 To 1146. %

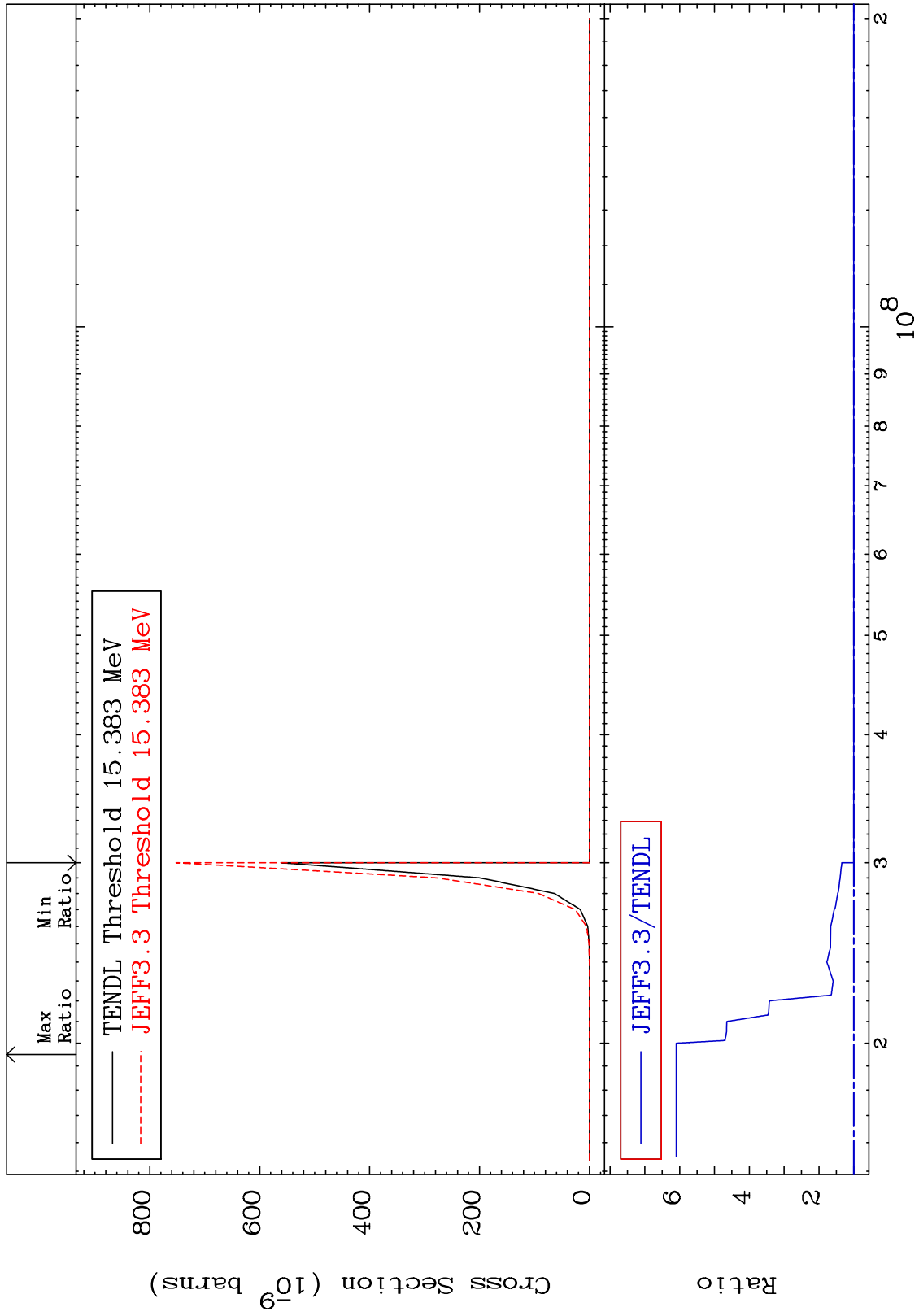


Incident Energy (MeV)

³²Ge-74

60

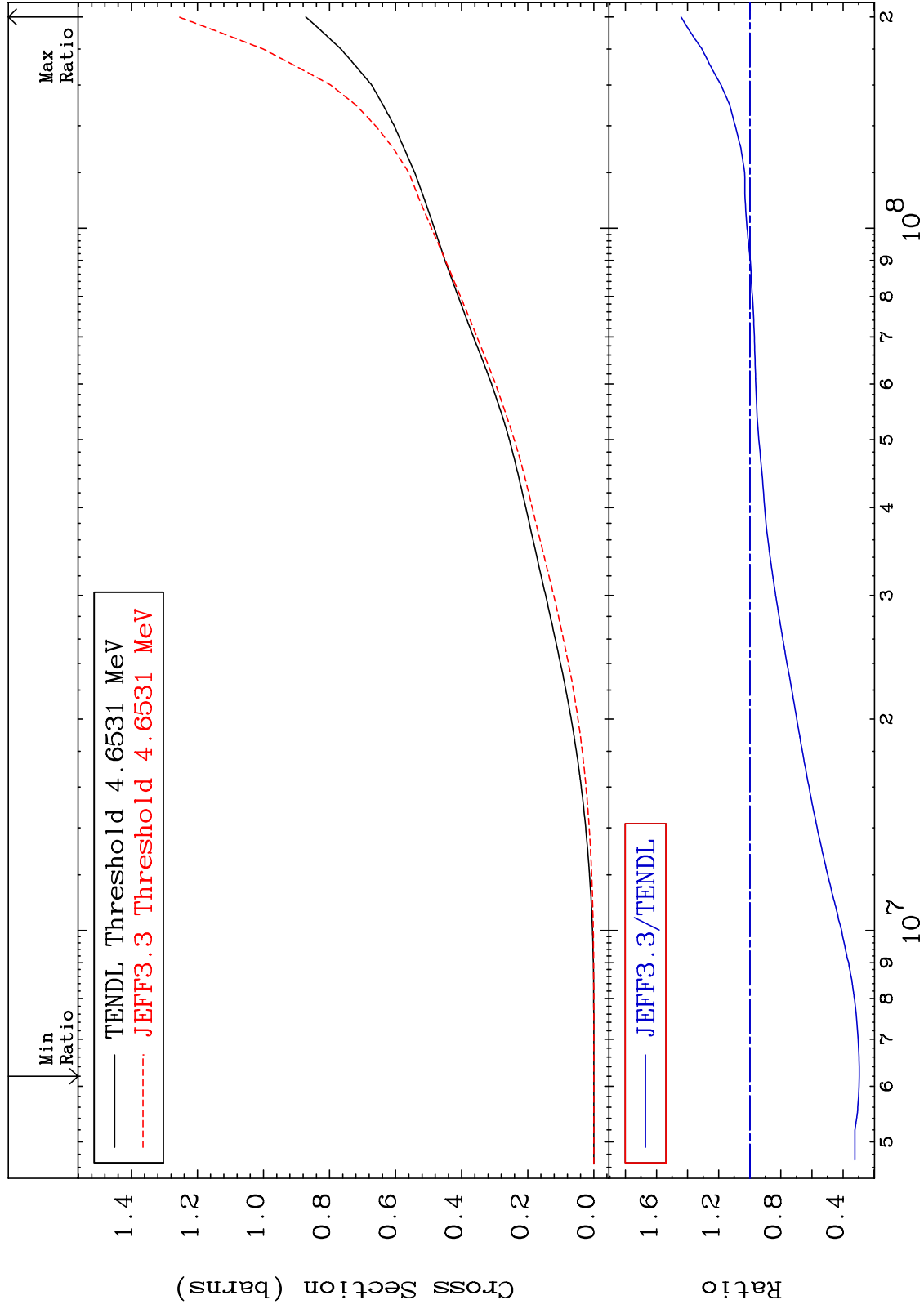
MAT 3237 (n,d) α Cross Section 32-Ge-74 0.000 To 509.6 %



MAT 3237

Hydrogen Production
Cross Section

32-Ge-74
-70.44 To 44.20 %



62

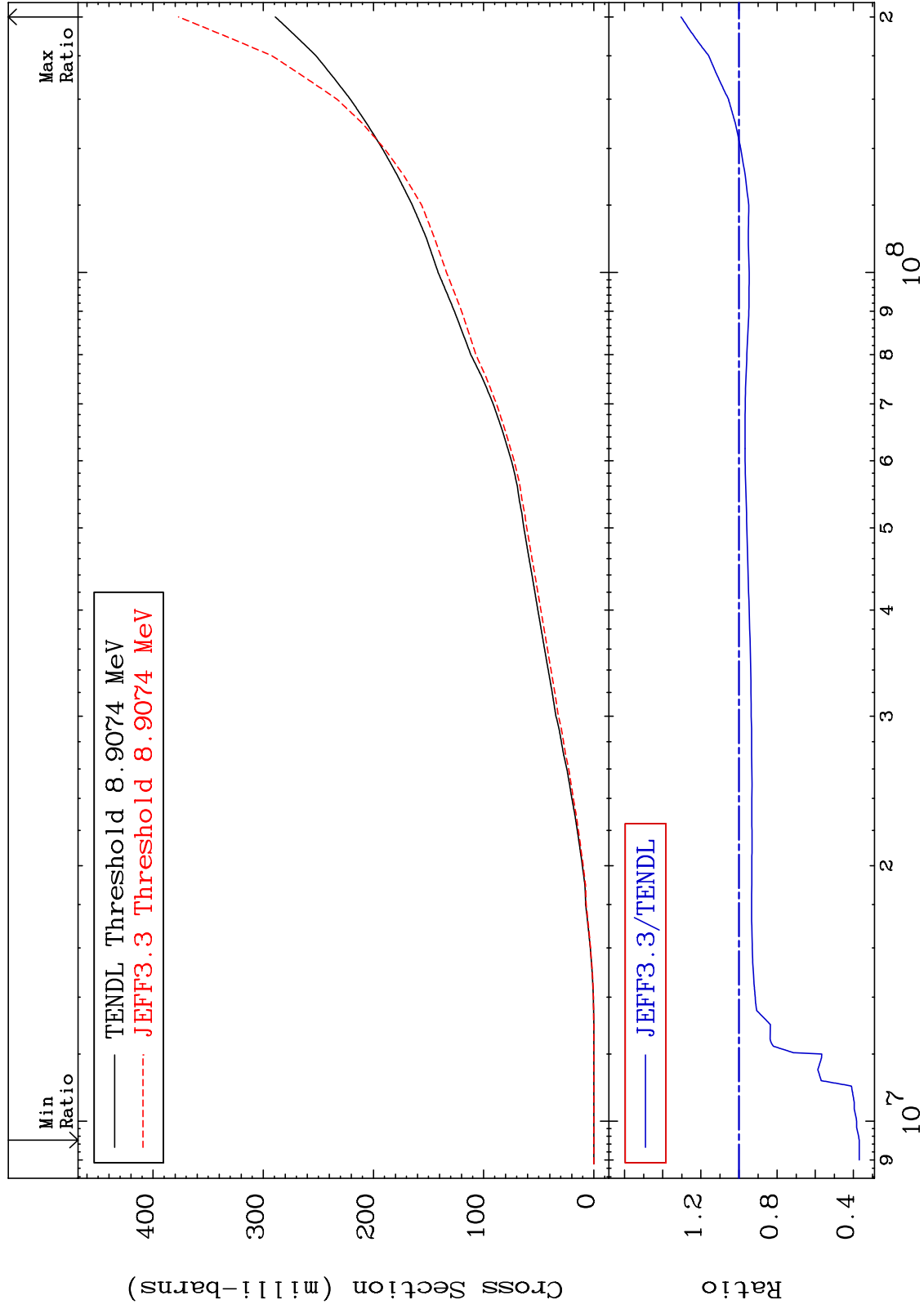
Incident Energy (eV)

32-Ge-74

MAT 3237

Deuterium Production
Cross Section

32-Ge-74
-63.10 To 30.38 %



63

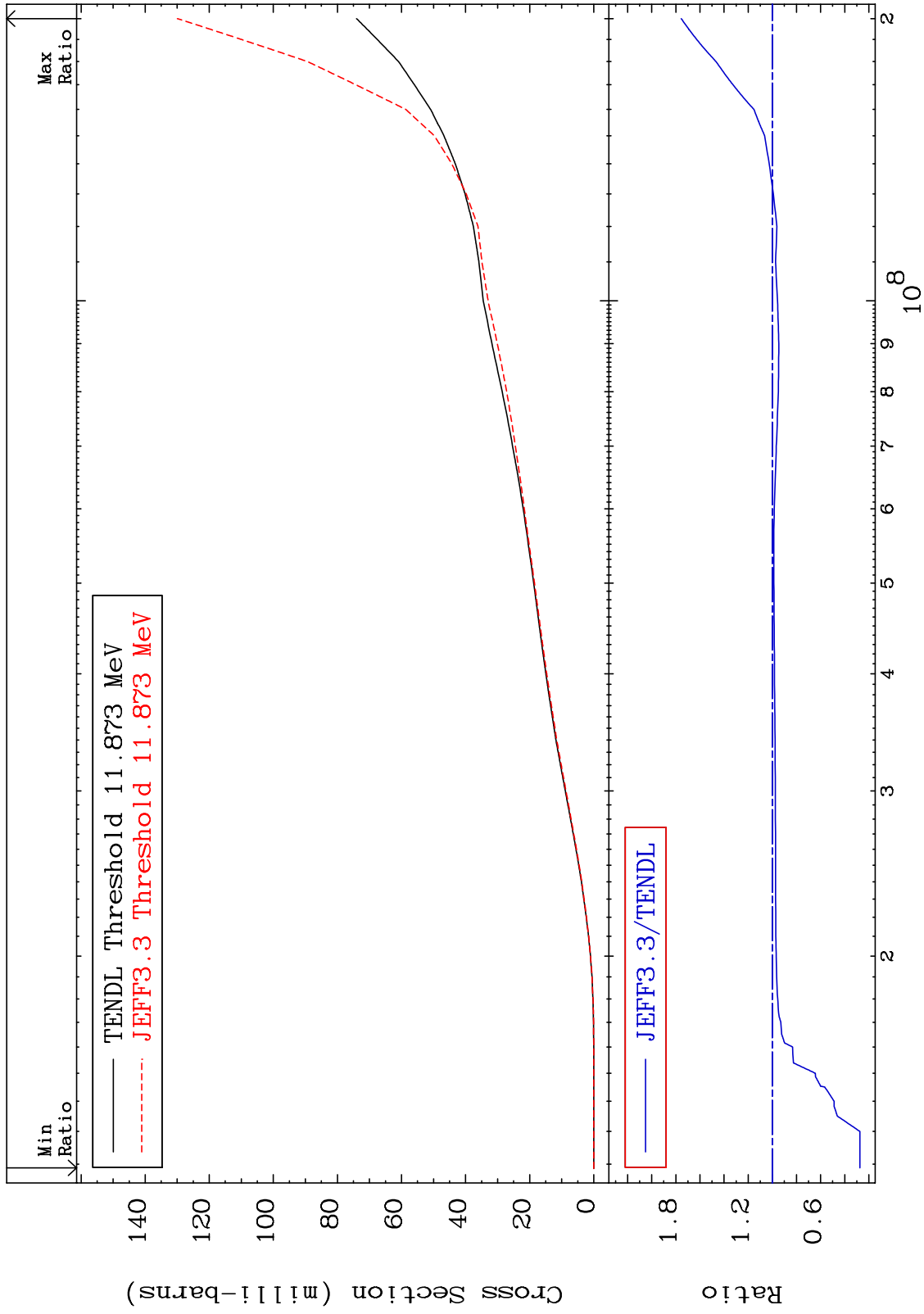
Incident Energy (eV)

32-Ge-74

MAT 3237

Tritium Production
Cross Section

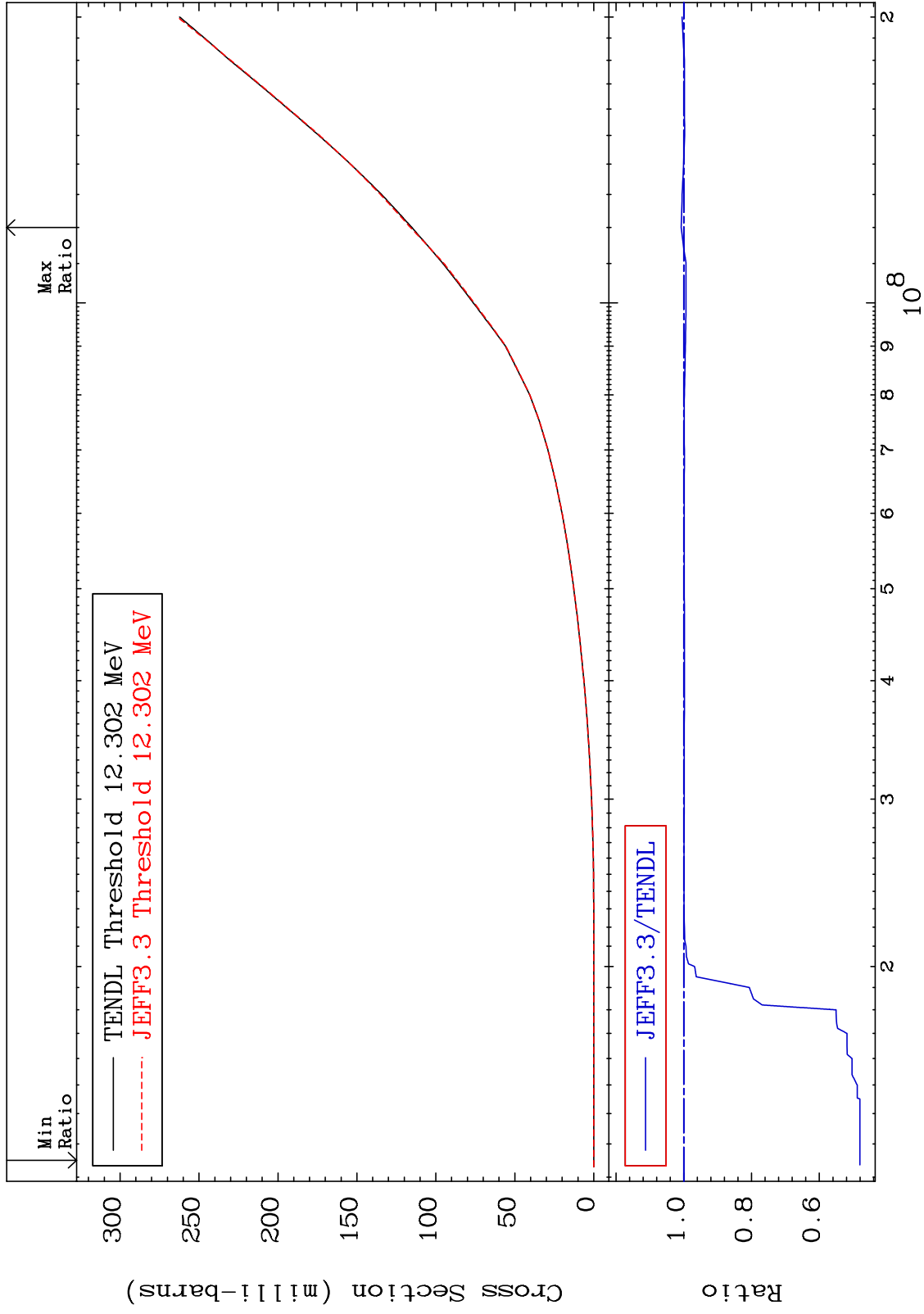
32-Ge-74
-72.62 To 75.53 %



MAT 3237

He-3 Production
Cross Section

32-Ge-74
-51.97 To 0.750 %



65

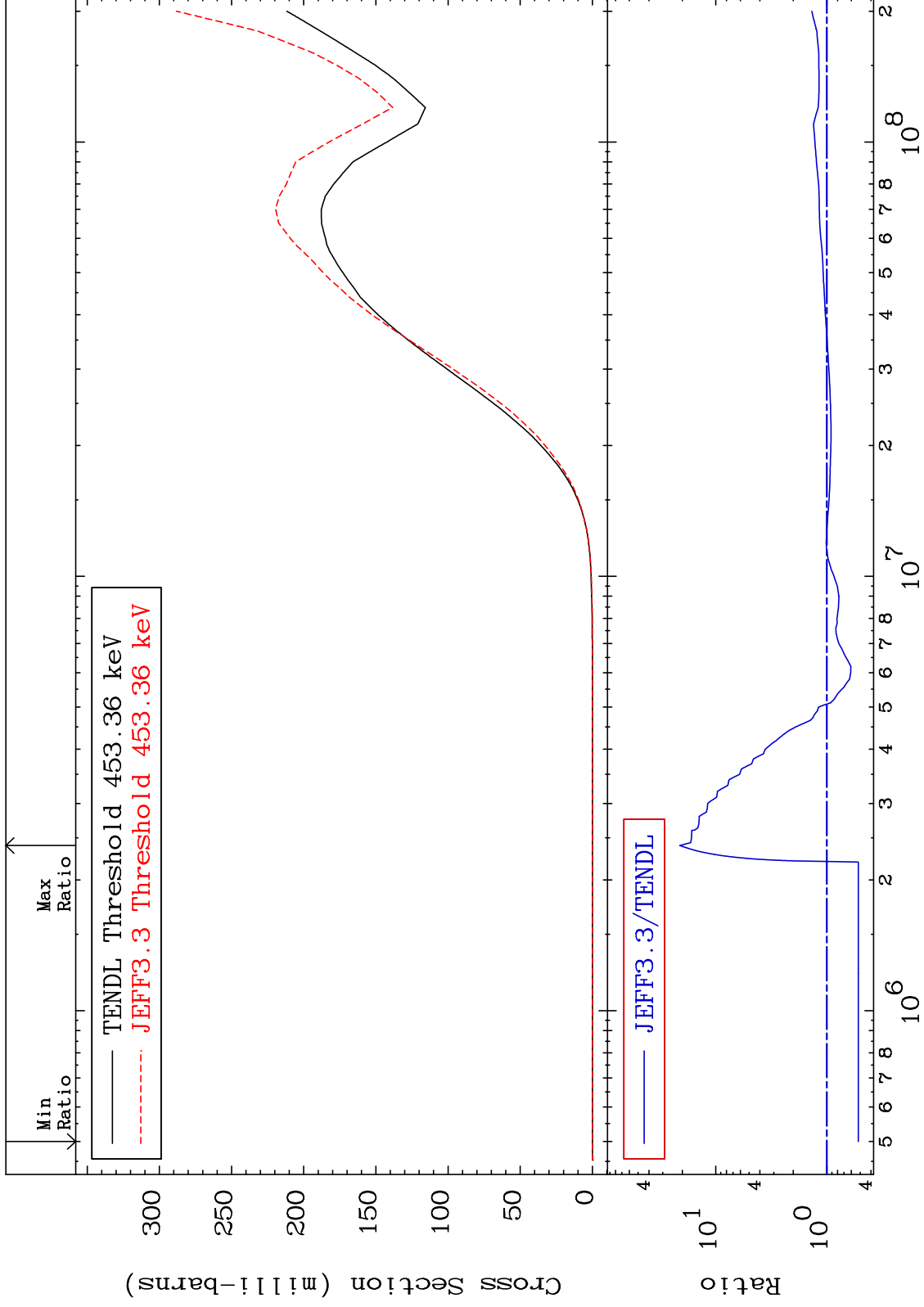
Incident Energy (eV)

32-Ge-74

MAT 3237

He-4 Production
Cross Section

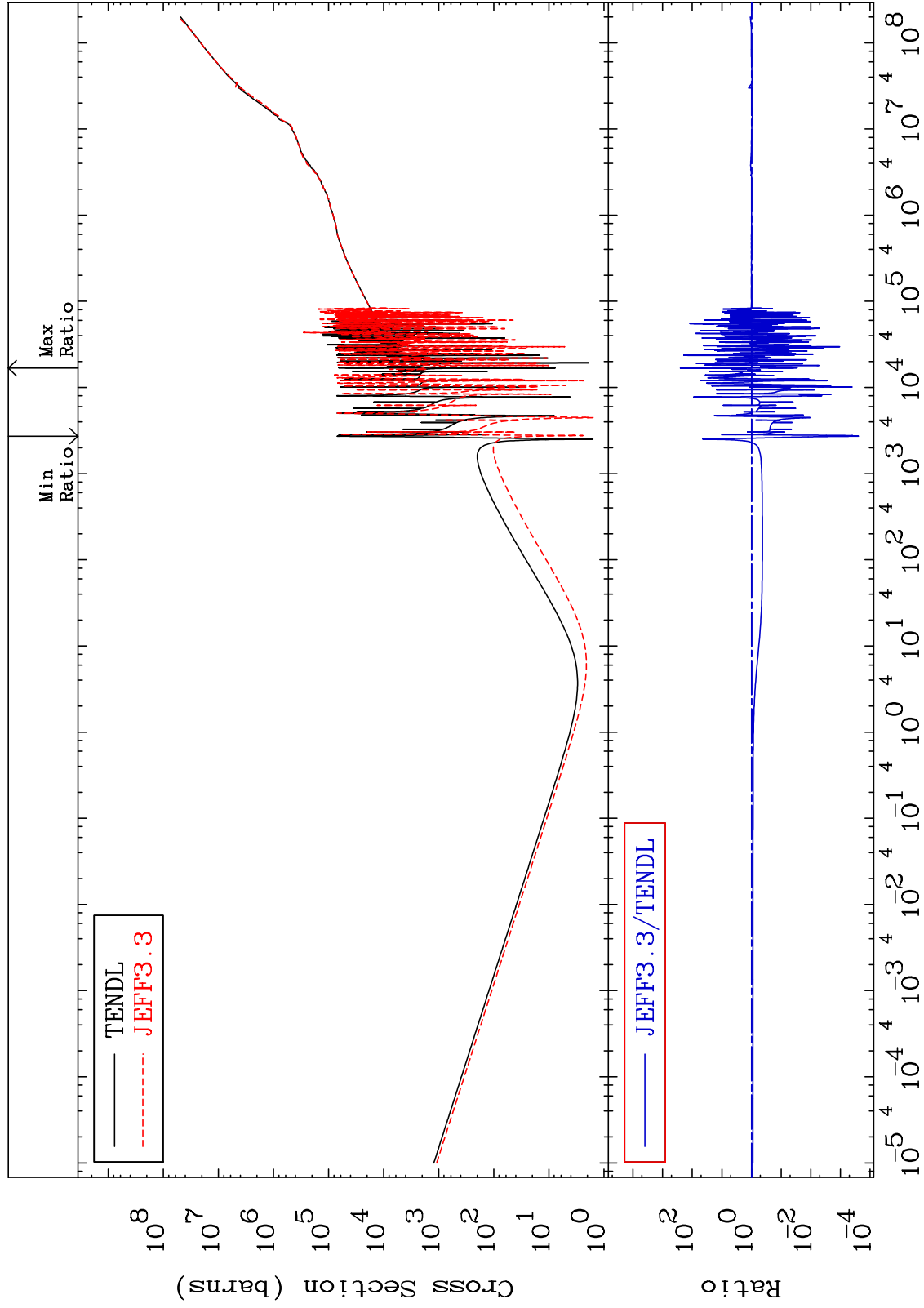
32-Ge-74
-48.05 To 2008. %



MAT 3237

Kerma total (eV-barns)
Cross Section

32-Ge-74
-99.98 To 9999. %



67

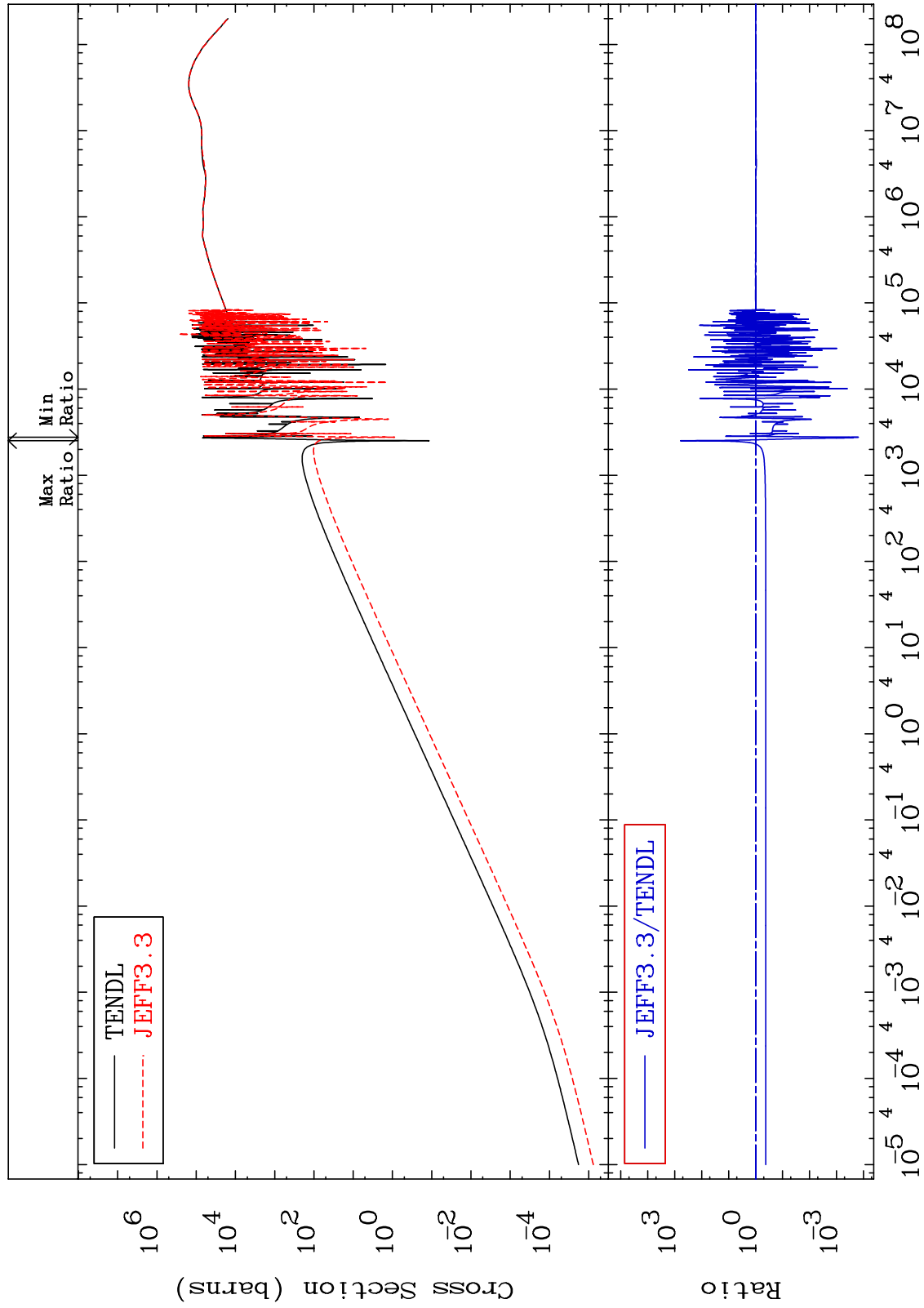
Incident Energy (eV)

32-Ge-74

MAT 3237

Kerma elastic
Cross Section

32-Ge-74
-99.98 To 9999. %



68

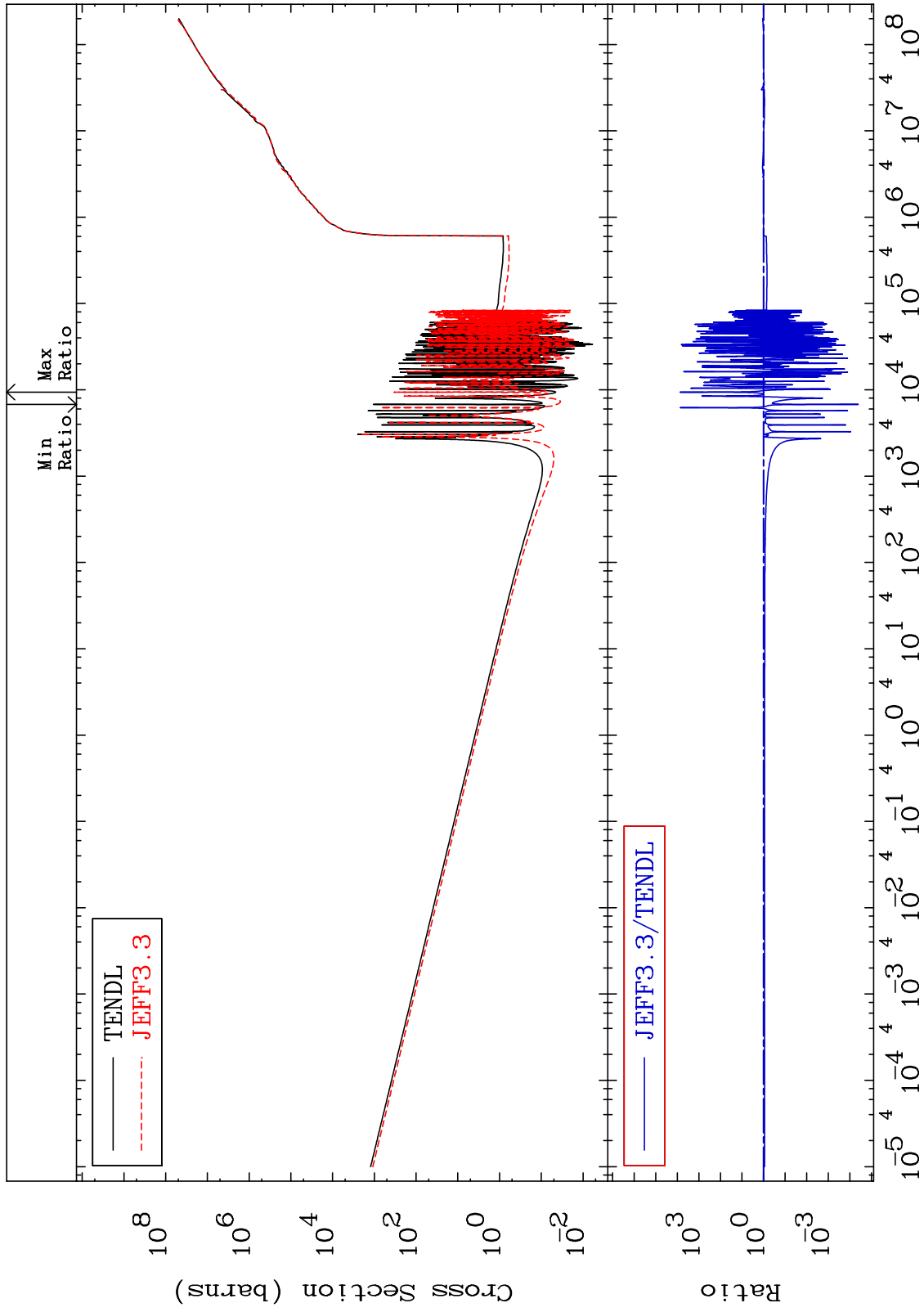
Incident Energy (eV)

32-Ge-74

MAT 3237

Kerma non-elastic (all but mt2)
Cross Section

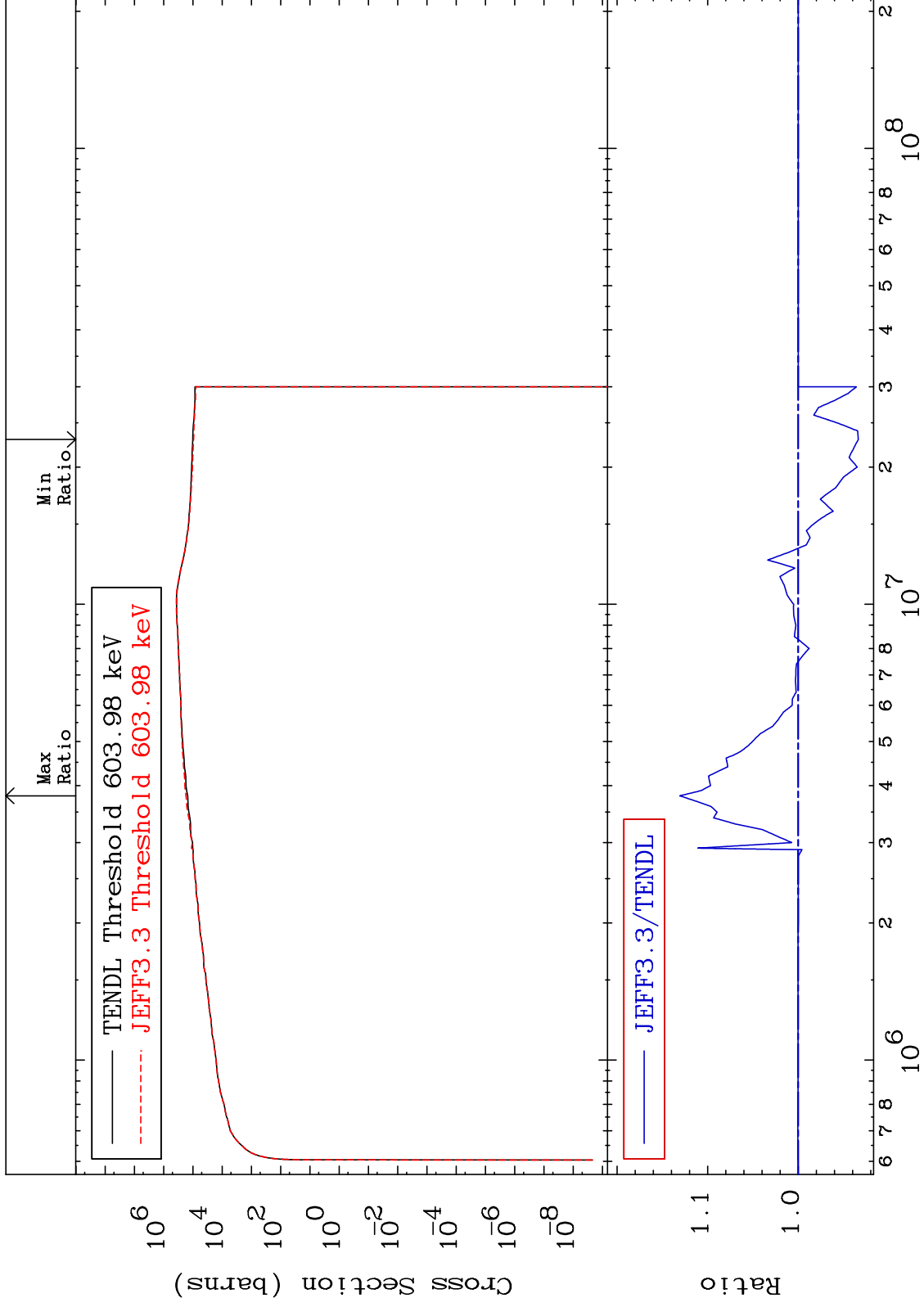
32-Ge-74
-100.0 To 9999. %



MAT 3237

Kerma inelastic (mt51-91)
Cross Section

32-Ge-74
-6.642 To 13.08 %



70

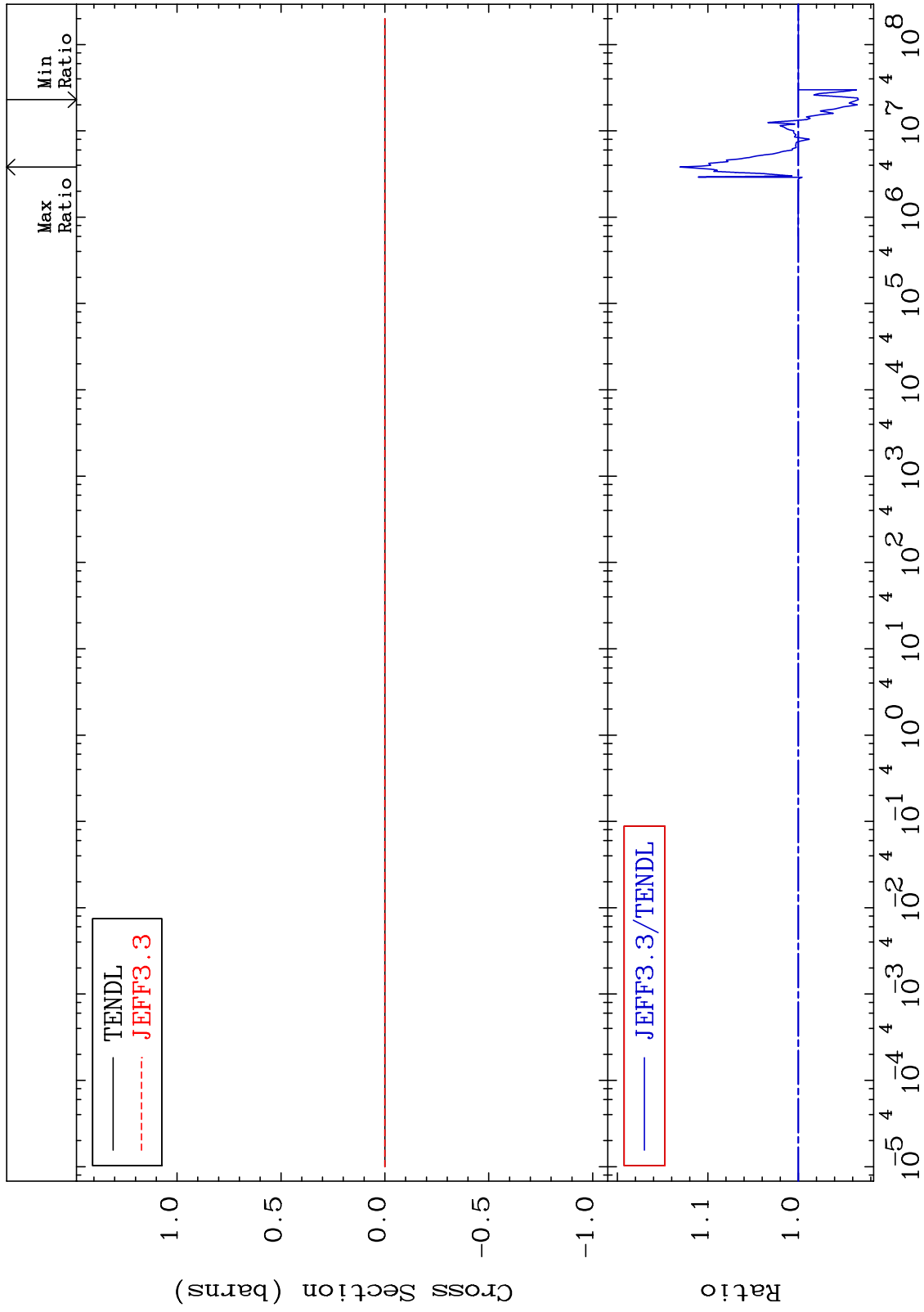
Incident Energy (eV)

32-Ge-74

MAT 3237

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

32-Ge-74
-6.642 To 13.08 %



71

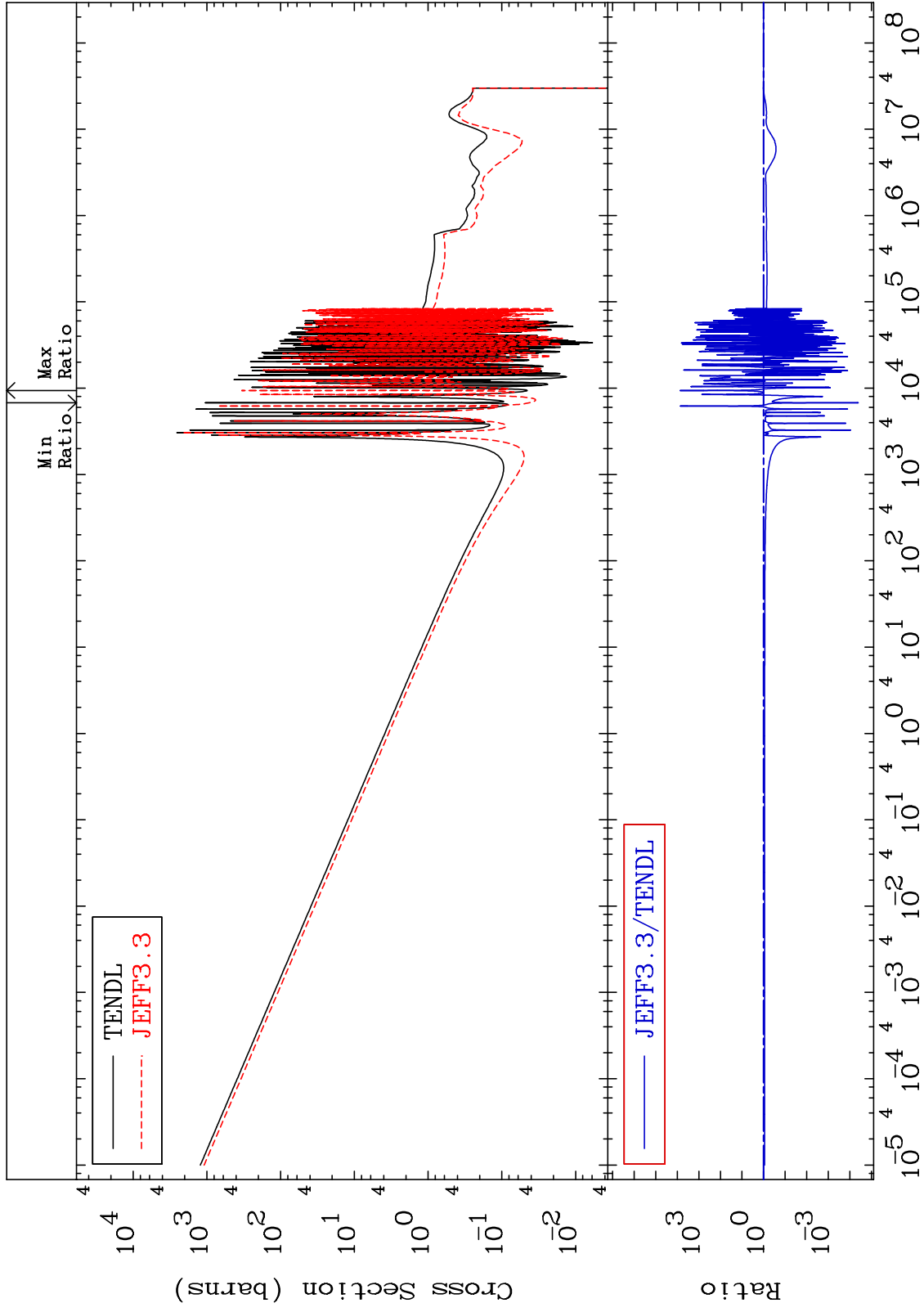
Incident Energy (eV)

32-Ge-74

MAT 3237

Kerma capture (mt102)
Cross Section

32-Ge-74
-100.0 To 9999. %



72

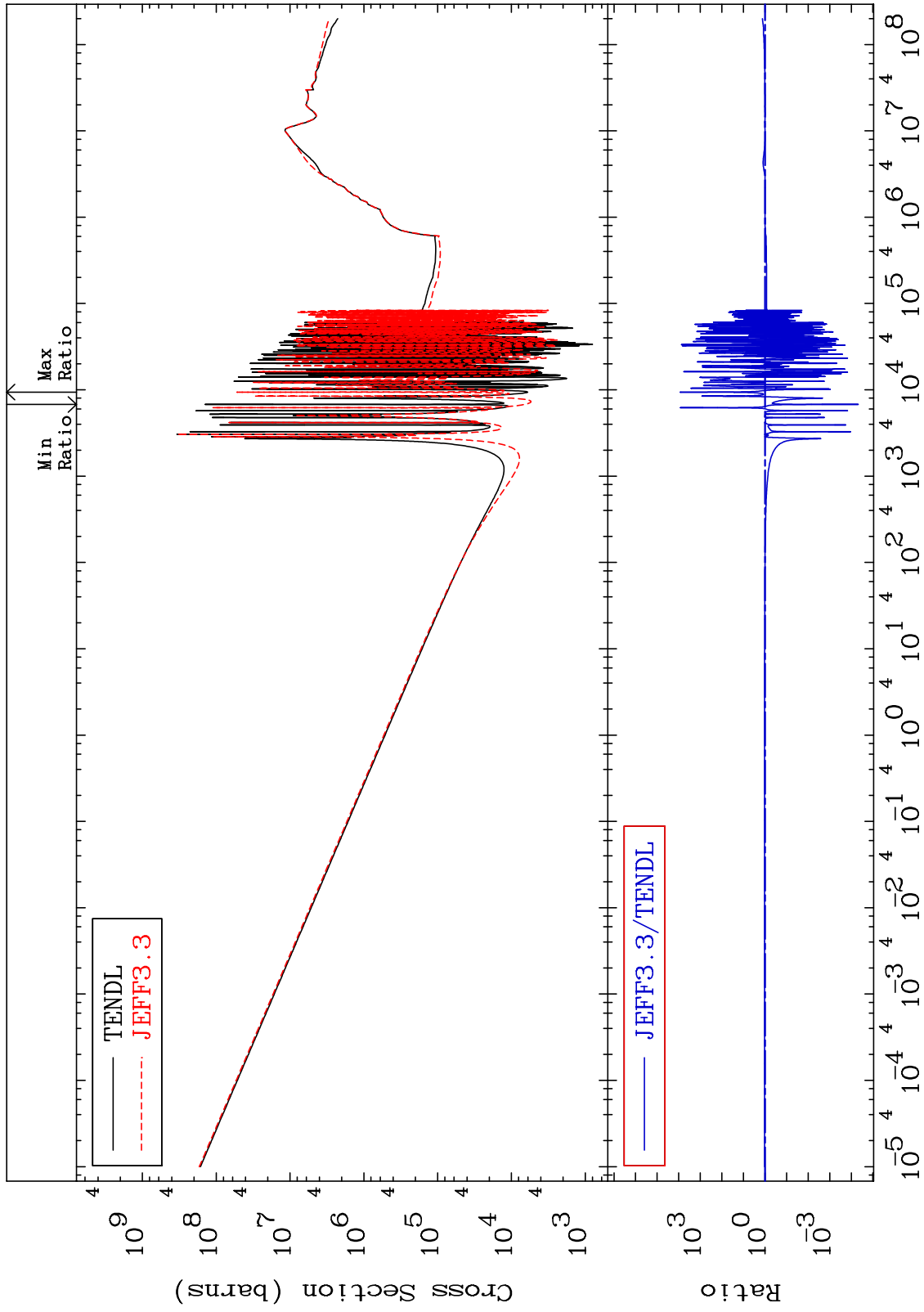
Incident Energy (eV)

32-Ge-74

MAT 3237

Total photon (eV-barns)
Cross Section

32-Ge-74
-100.0 To 9999. %



73

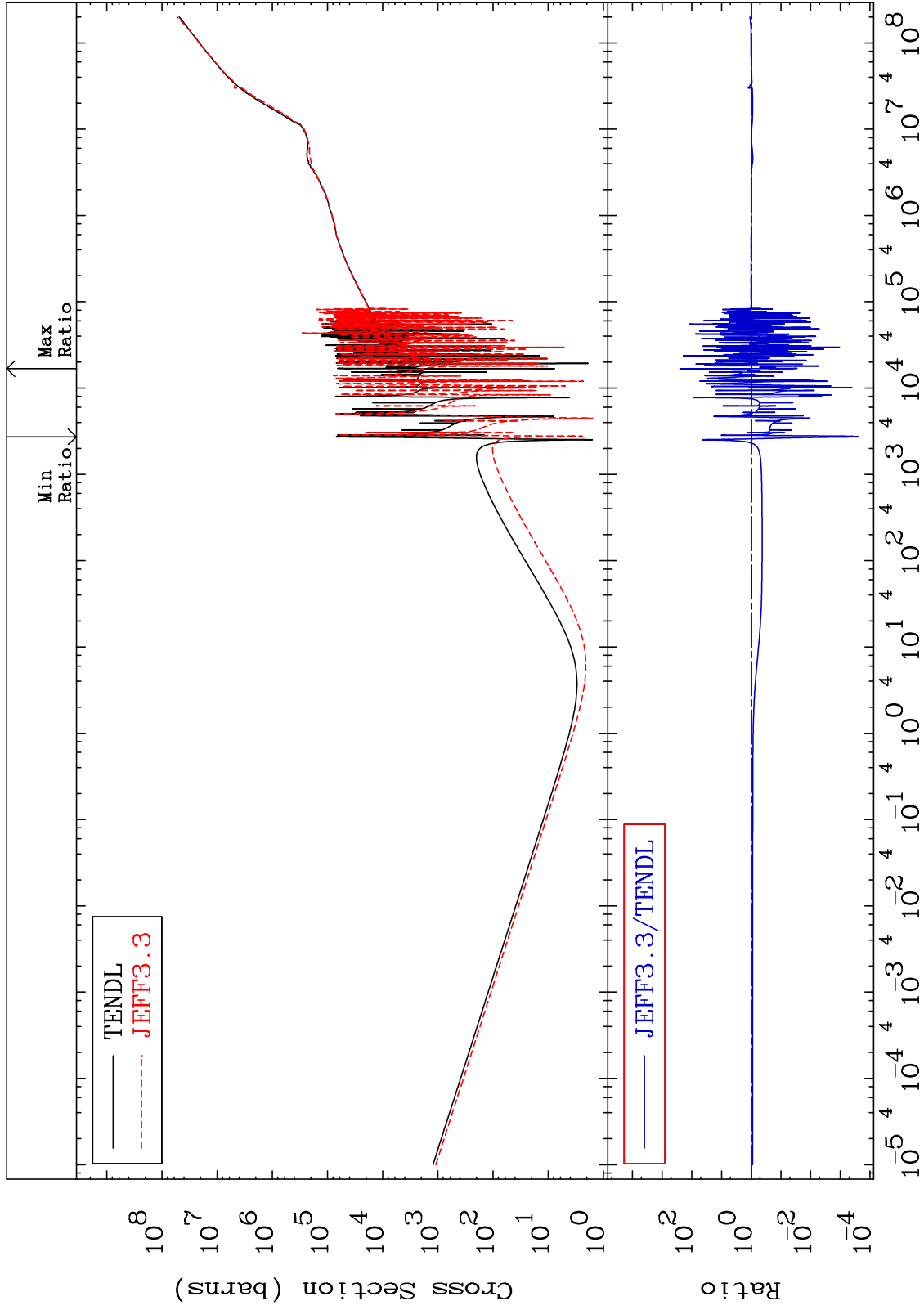
Incident Energy (eV)

32-Ge-74

MAT 3237

Total kinematic kerma (high limit)
Cross Section

32-Ge-74
-99.98 To 9999. %



74

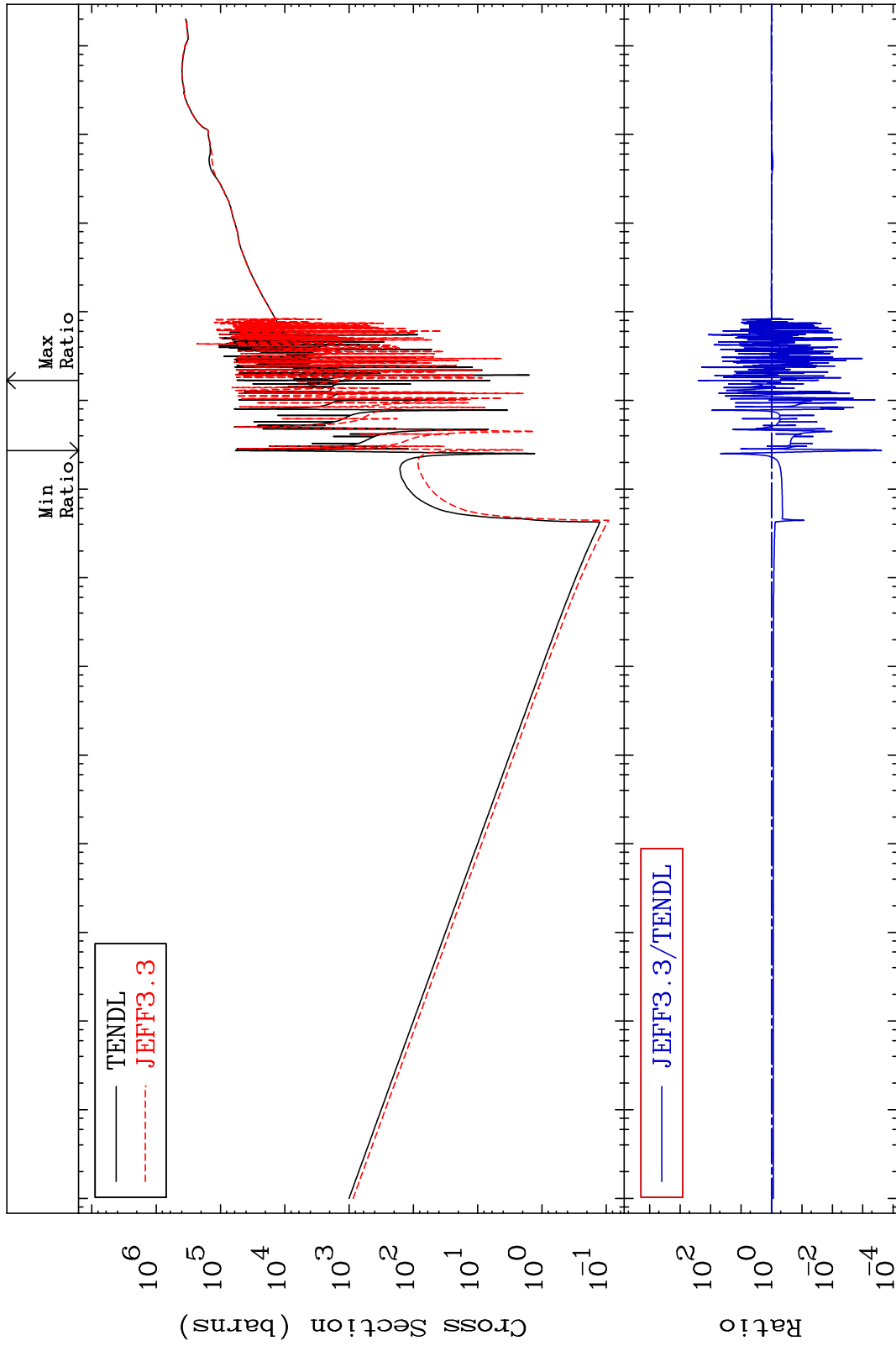
Incident Energy (eV)

32-Ge-74

MAT 3237

Dpa total (eV-barns)
Cross Section

32-Ge-74
-99.98 To 9999. %



75

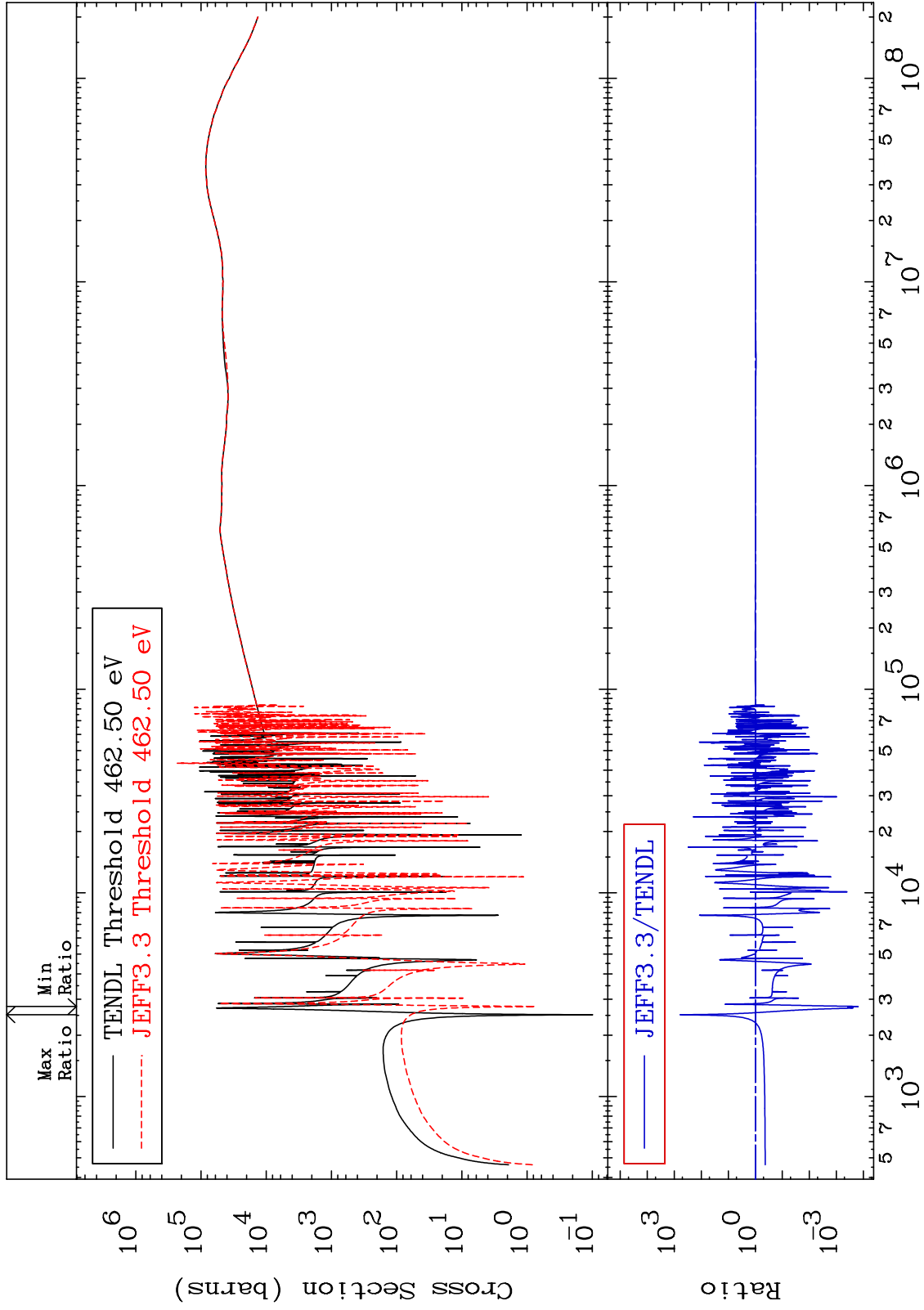
Incident Energy (eV)

32-Ge-74

MAT 3237

Dpa elastic (mt2)
Cross Section

32-Ge-74
-99.98 To 9999. %



76

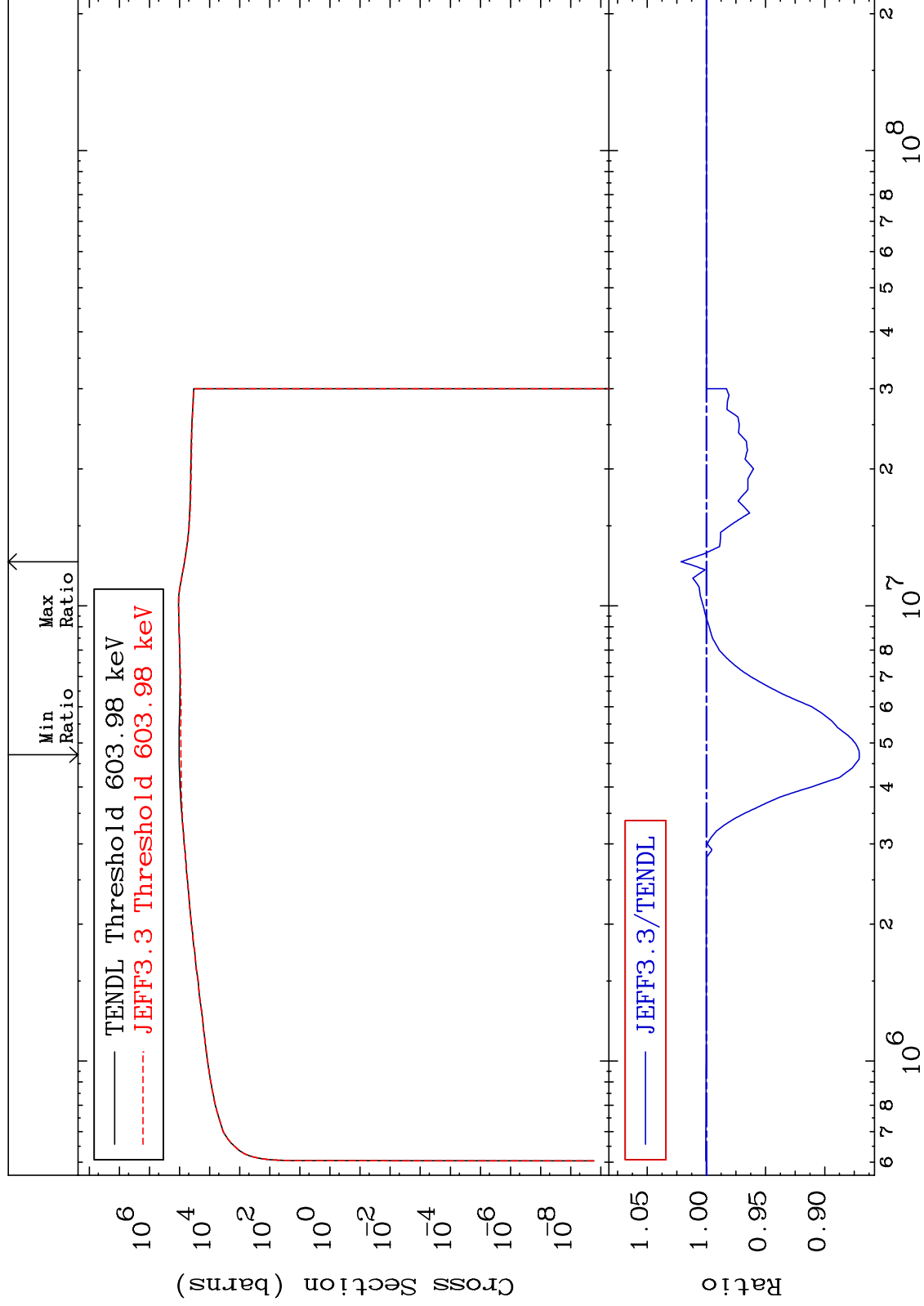
Incident Energy (eV)

32-Ge-74

MAT 3237

Dpa inelastic (mt51-91)
Cross Section

32-Ge-74
-12.92 To 2.143 %



77

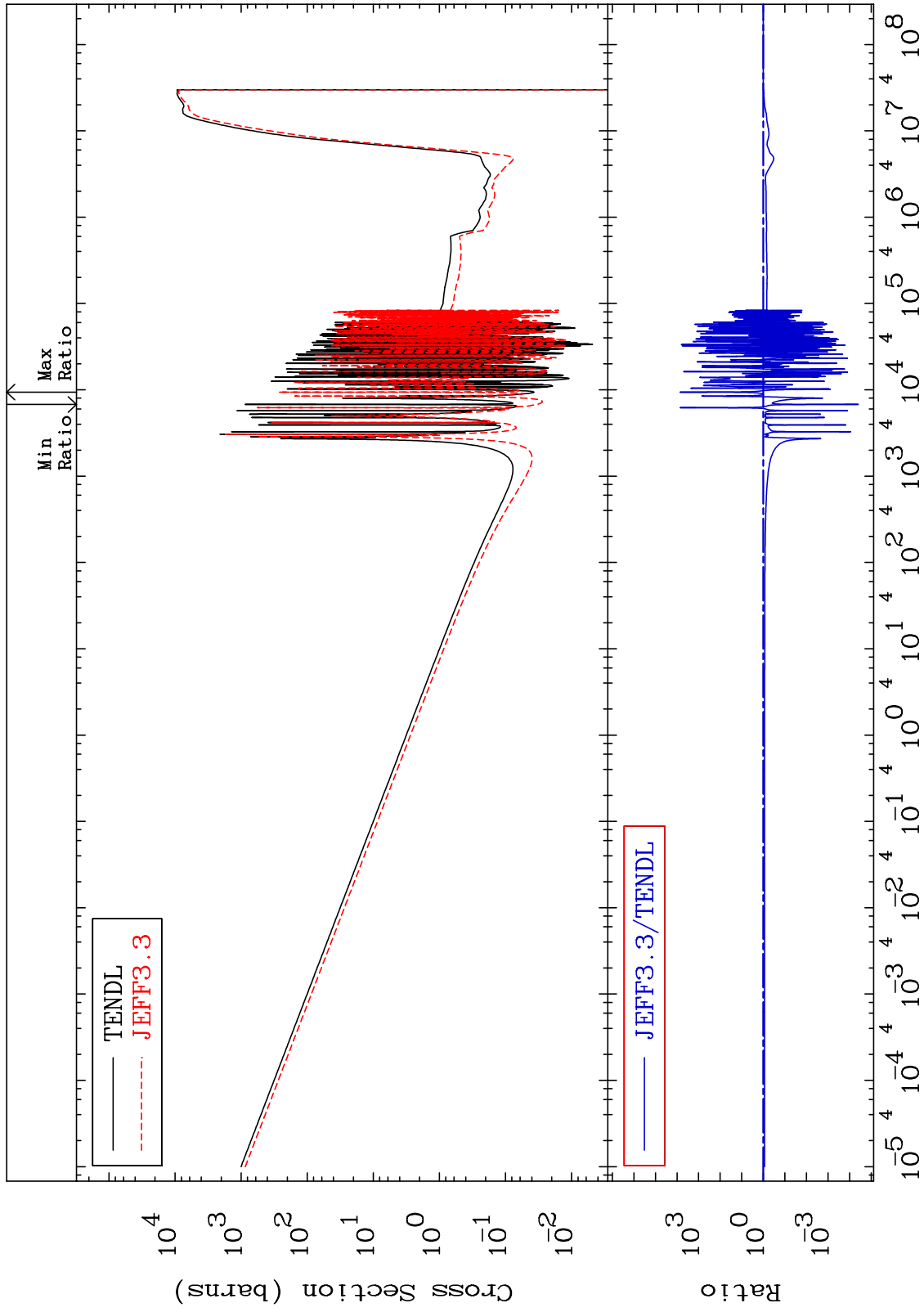
Incident Energy (eV)

32-Ge-74

MAT 3237

Dpa disappearance (mt102 -120)
Cross Section

32-Ge-74
-100.0 To 9999. %



78

Incident Energy (eV)

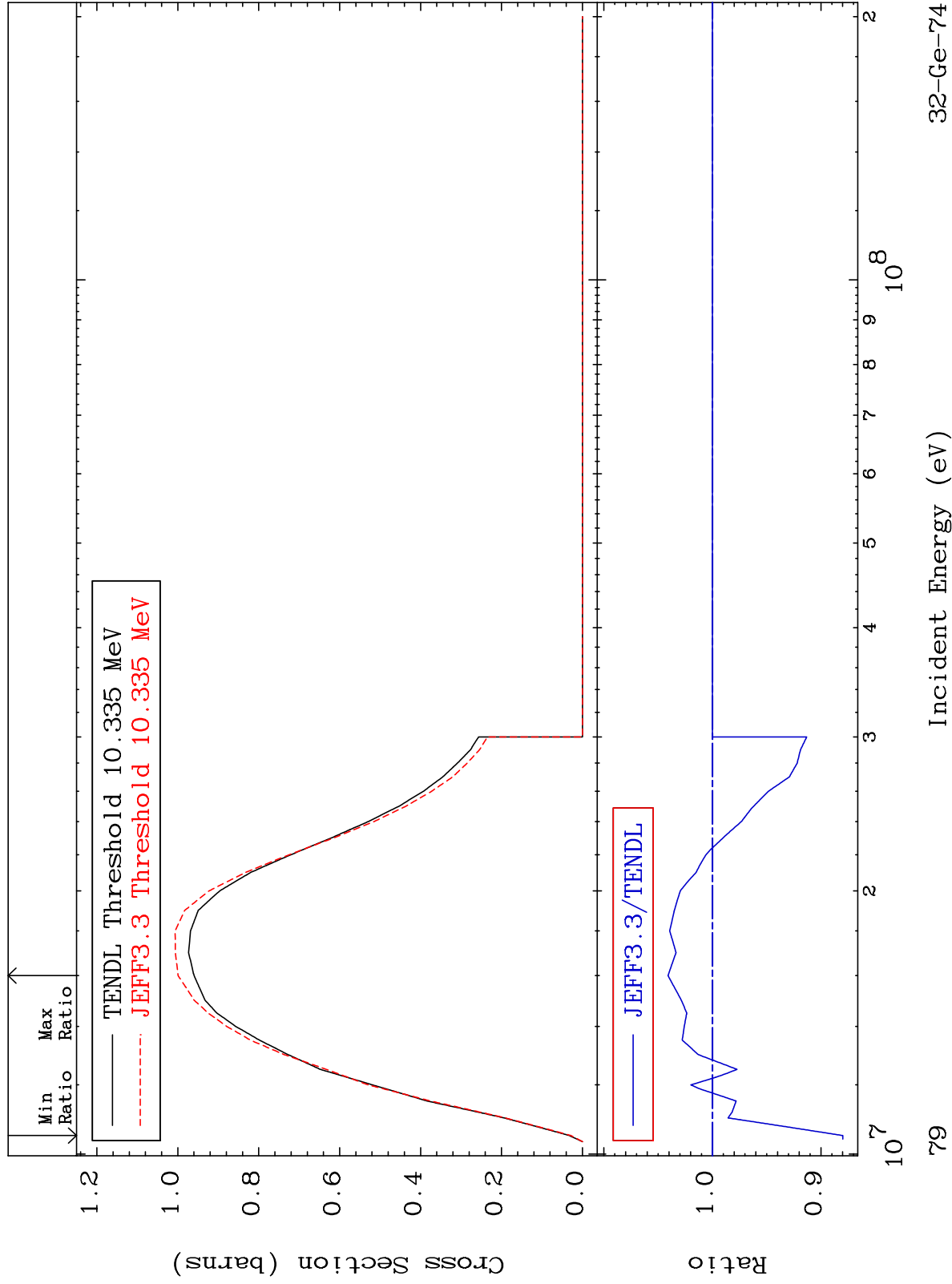
32-Ge-74

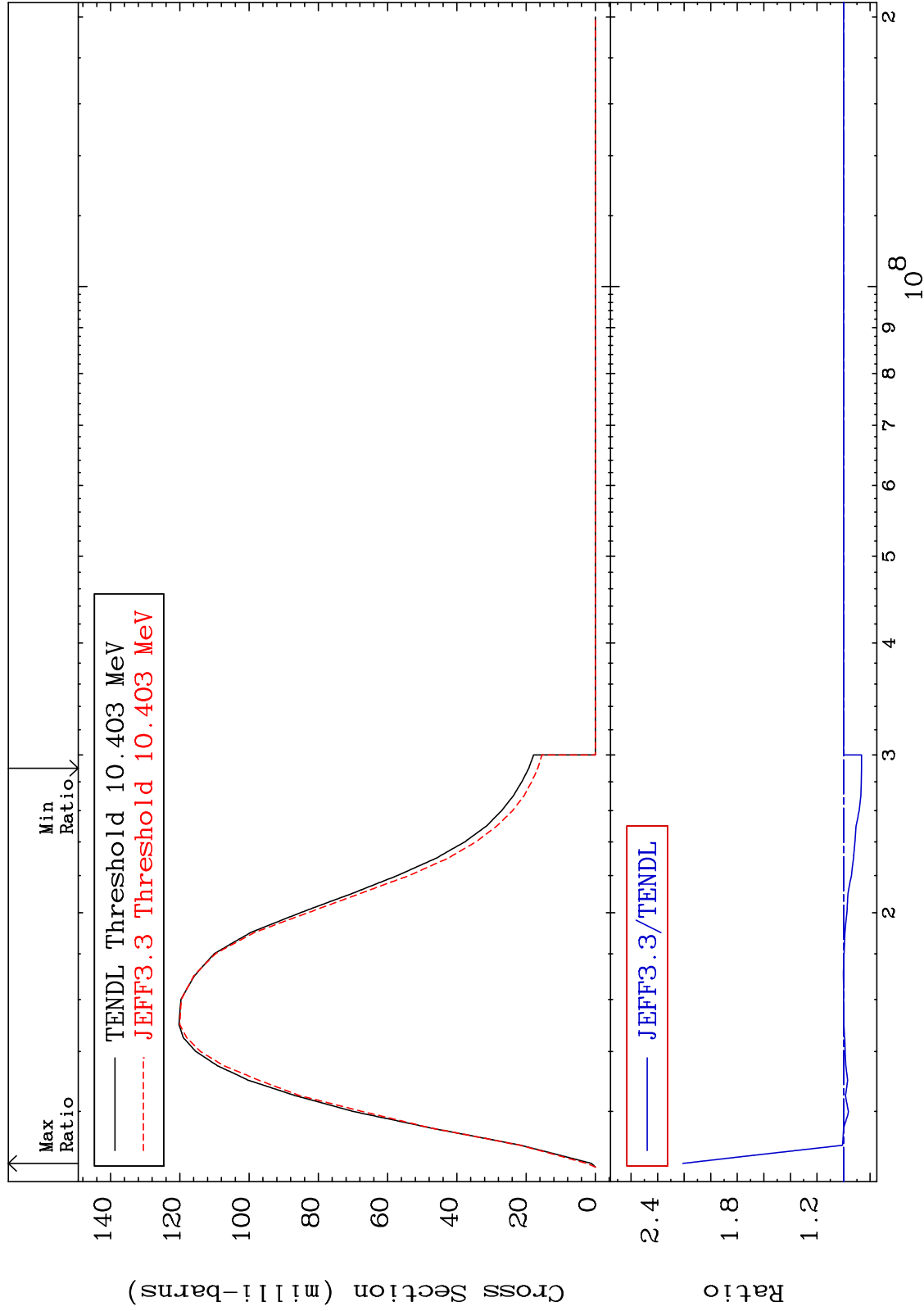
MAT 3237

(n,2n):32-Ge-73g

32-Ge-74

Radionuclide Production Cross Section -12.01 To 4.091 %



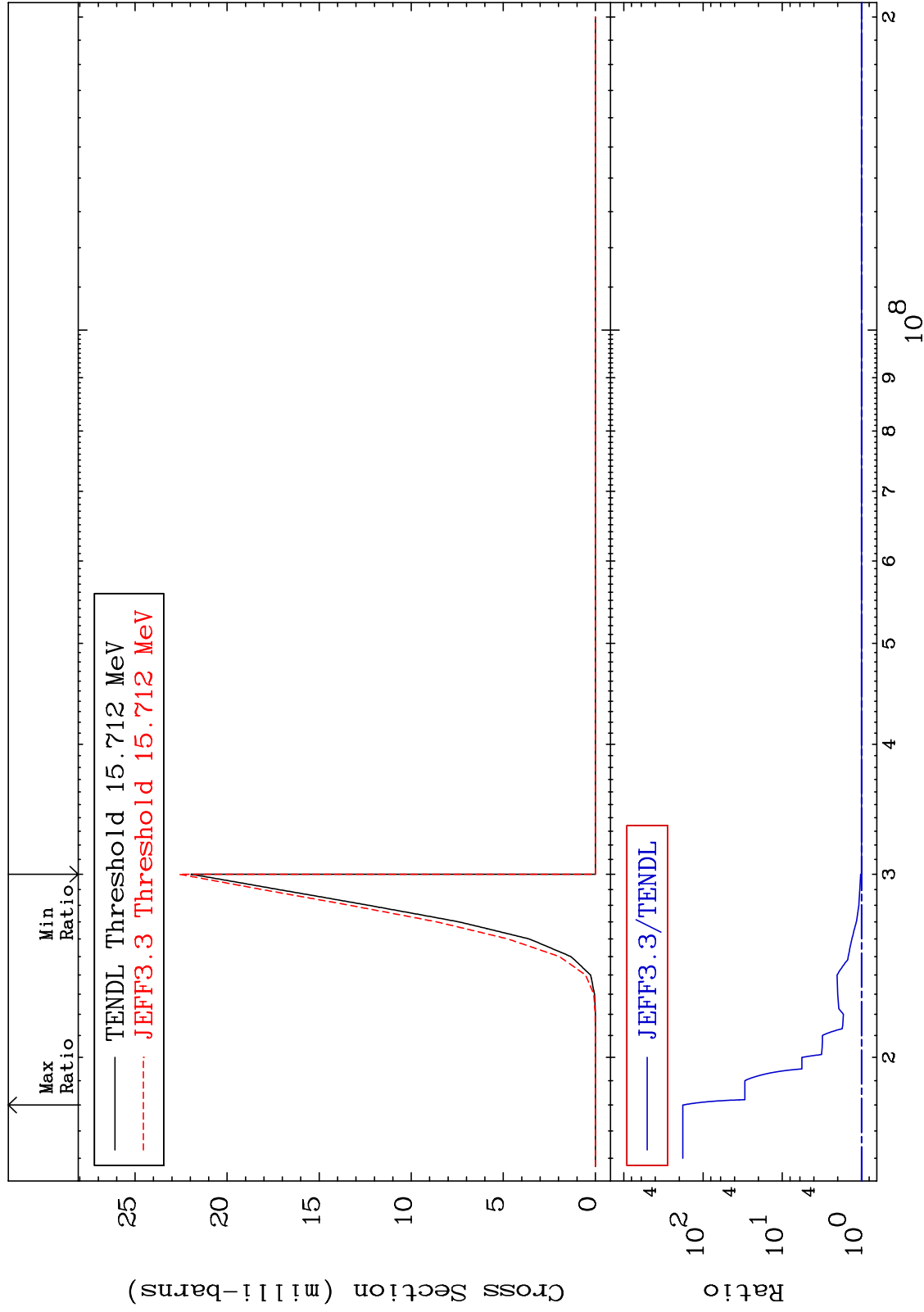


MAT 3237

(n,2n) α :30-Zn-69g

32-Ge-74

Radionuclide Production Cross Section 0.000 To 9999. %

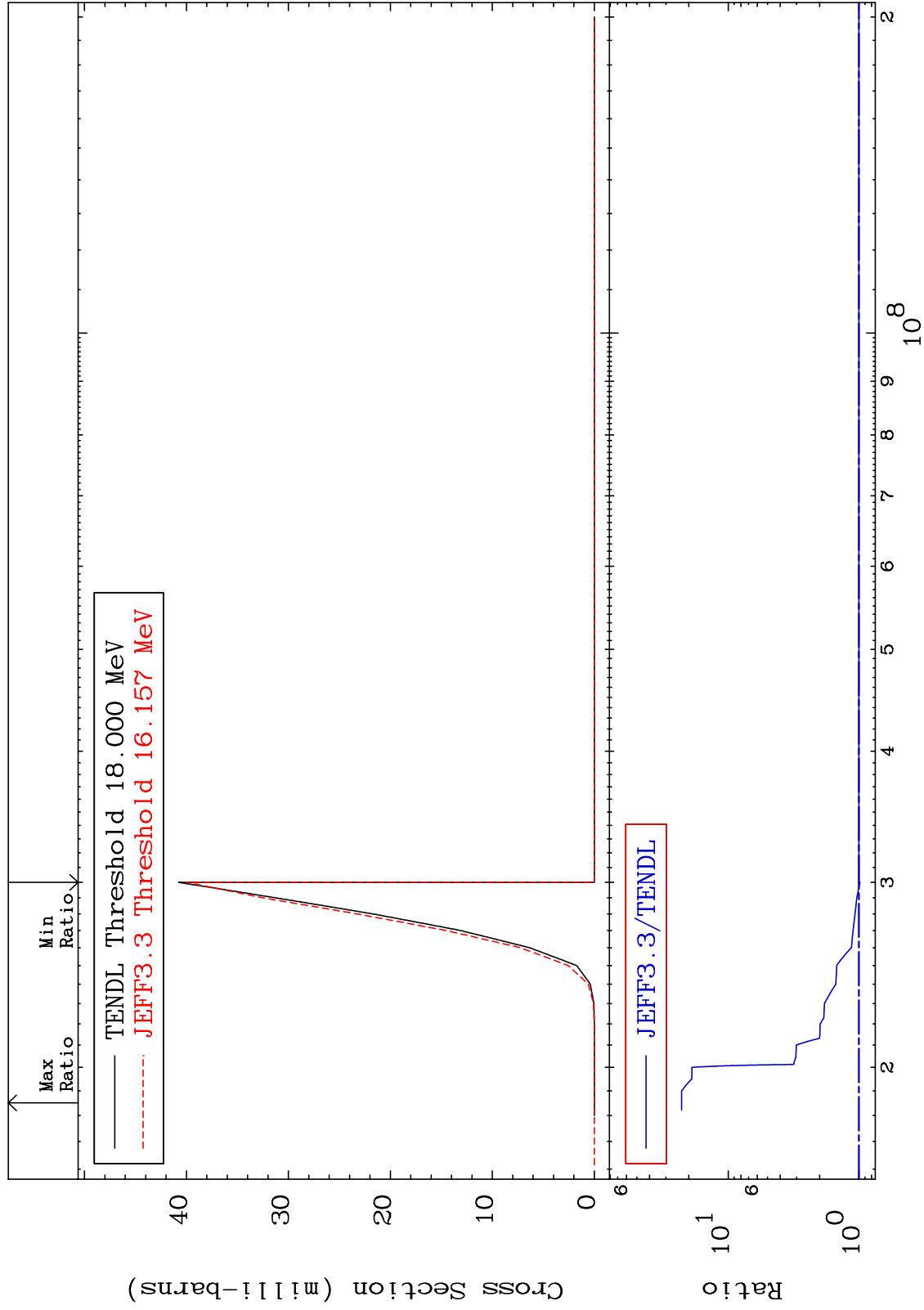


MAT 3237

(n,2n) α :30-Zn-69m1

32-Ge-74

Radionuclide Production Cross Section -1.872 To 2171. %

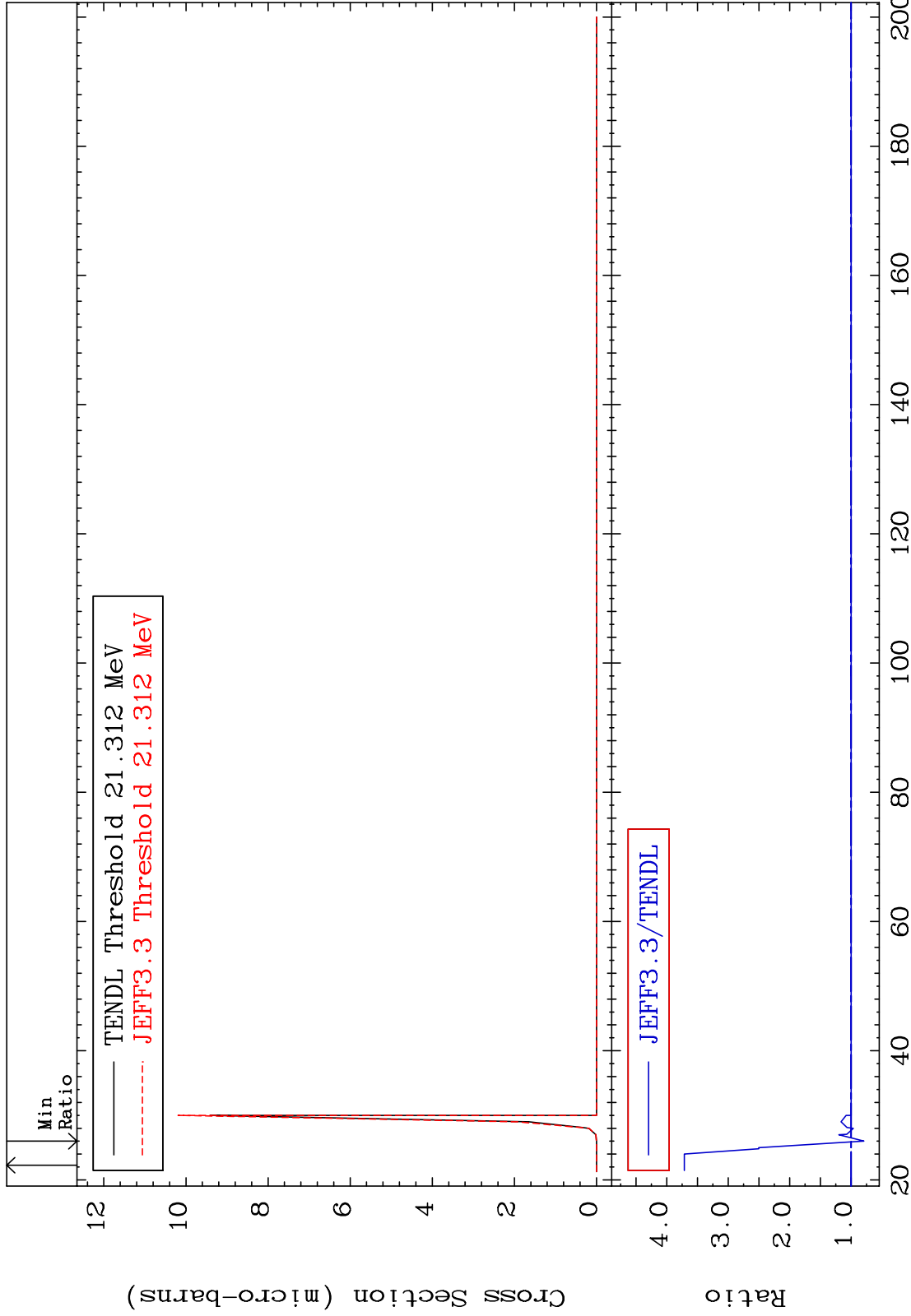


MAT 3237

(n, n') He-3:30-Zn-71g

32-Ge-74

Radionuclide Production Cross Section -20.68 To 271.3 %

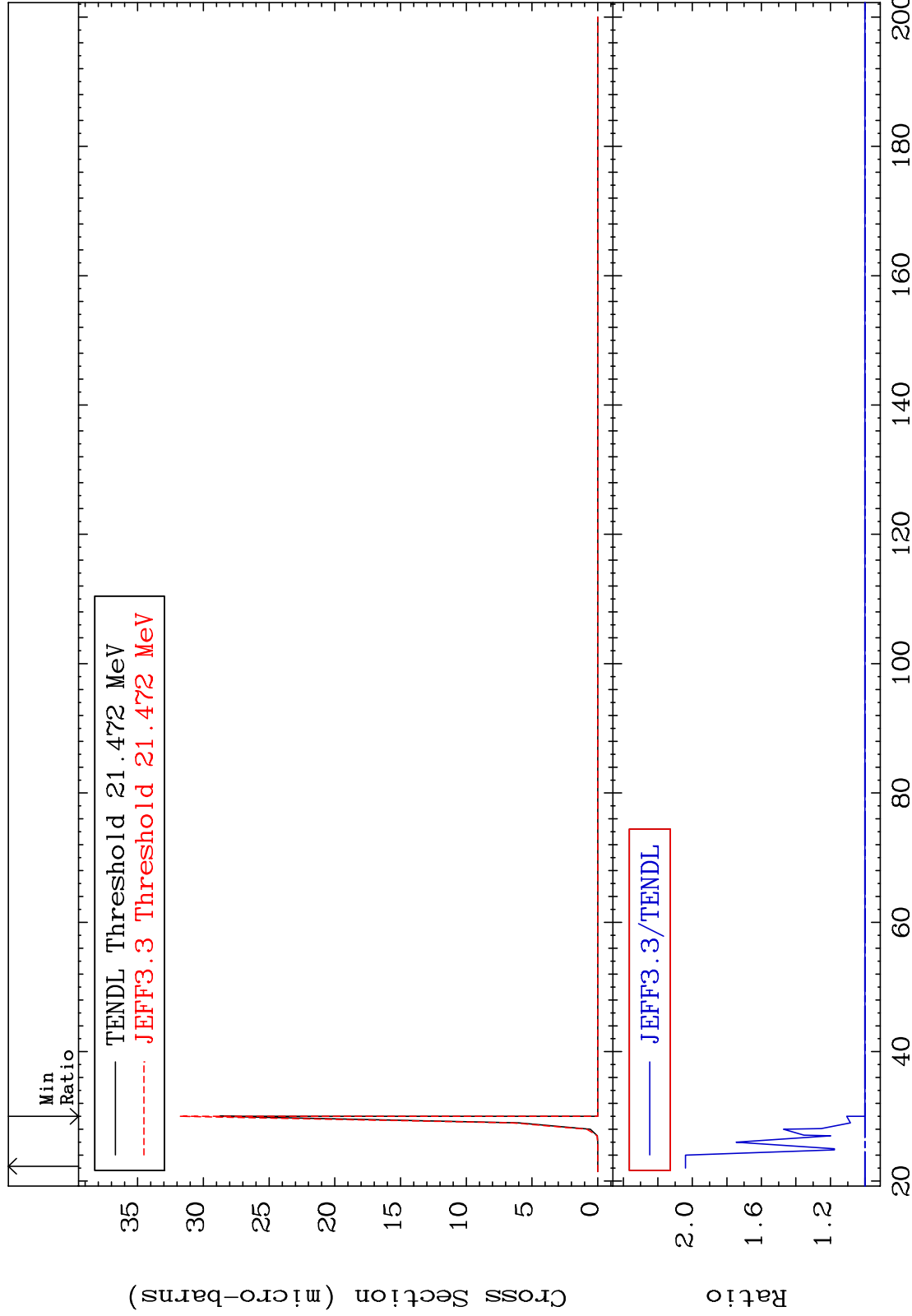


MAT 3237

(n, n') He-3:30-Zn-71m1

32-Ge-74

Radionuclide Production Cross Section 0.000 To 103.9 %



84

Incident Energy (MeV)

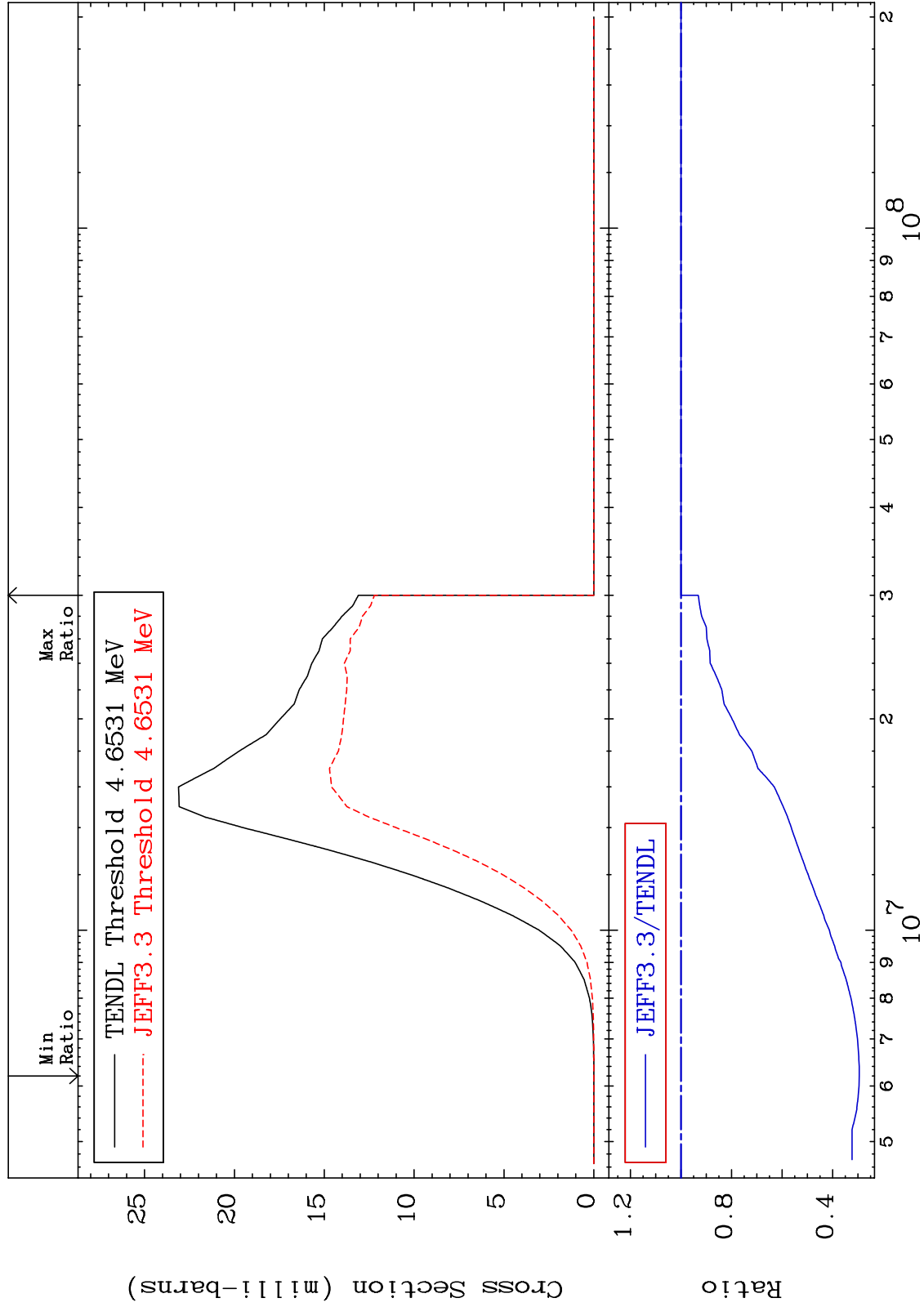
32-Ge-74

MAT 3237

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

32-Ge-74

Radionuclide Production Cross Section -70.52 To 0.000 %



85

Incident Energy (eV)

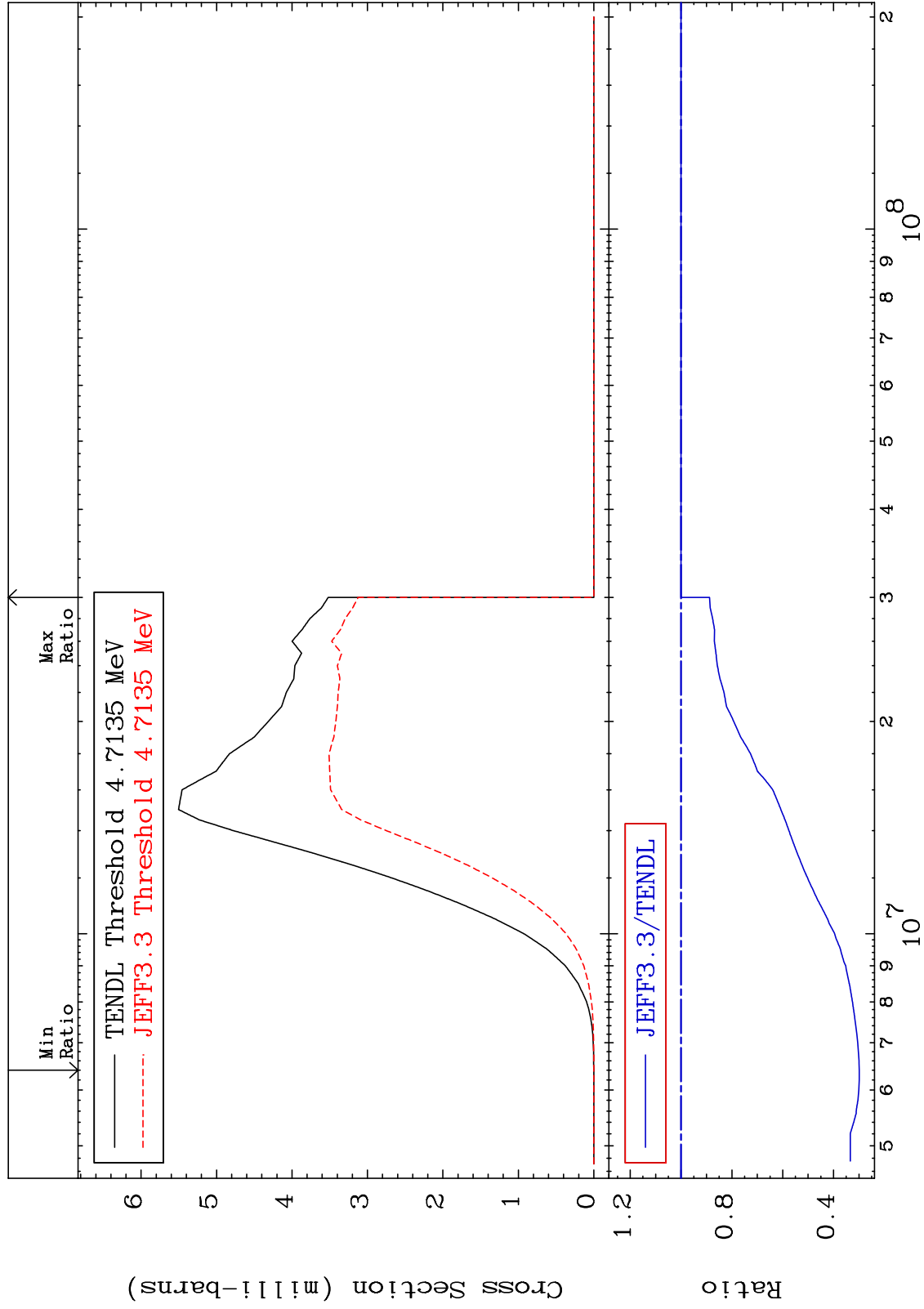
32-Ge-74

MAT 3237

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

32-Ge-74

Radionuclide Production Cross Section -70.12 To 0.000 %

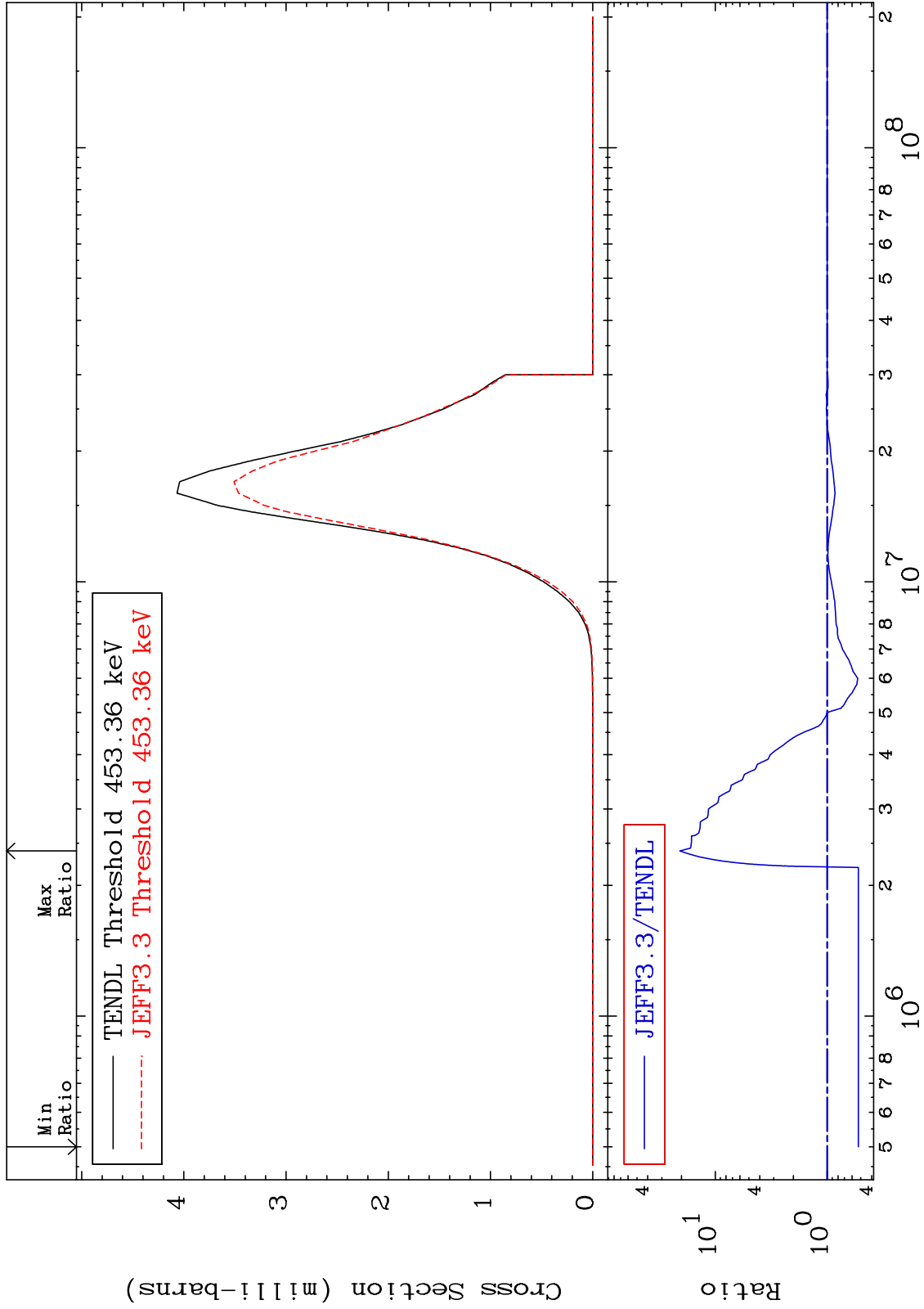


MAT 3237

(n, α): 30-Zn-71g

32-Ge-74

Radionuclide Production Cross Section -47.41 To 1961. %



87

32-Ge-74

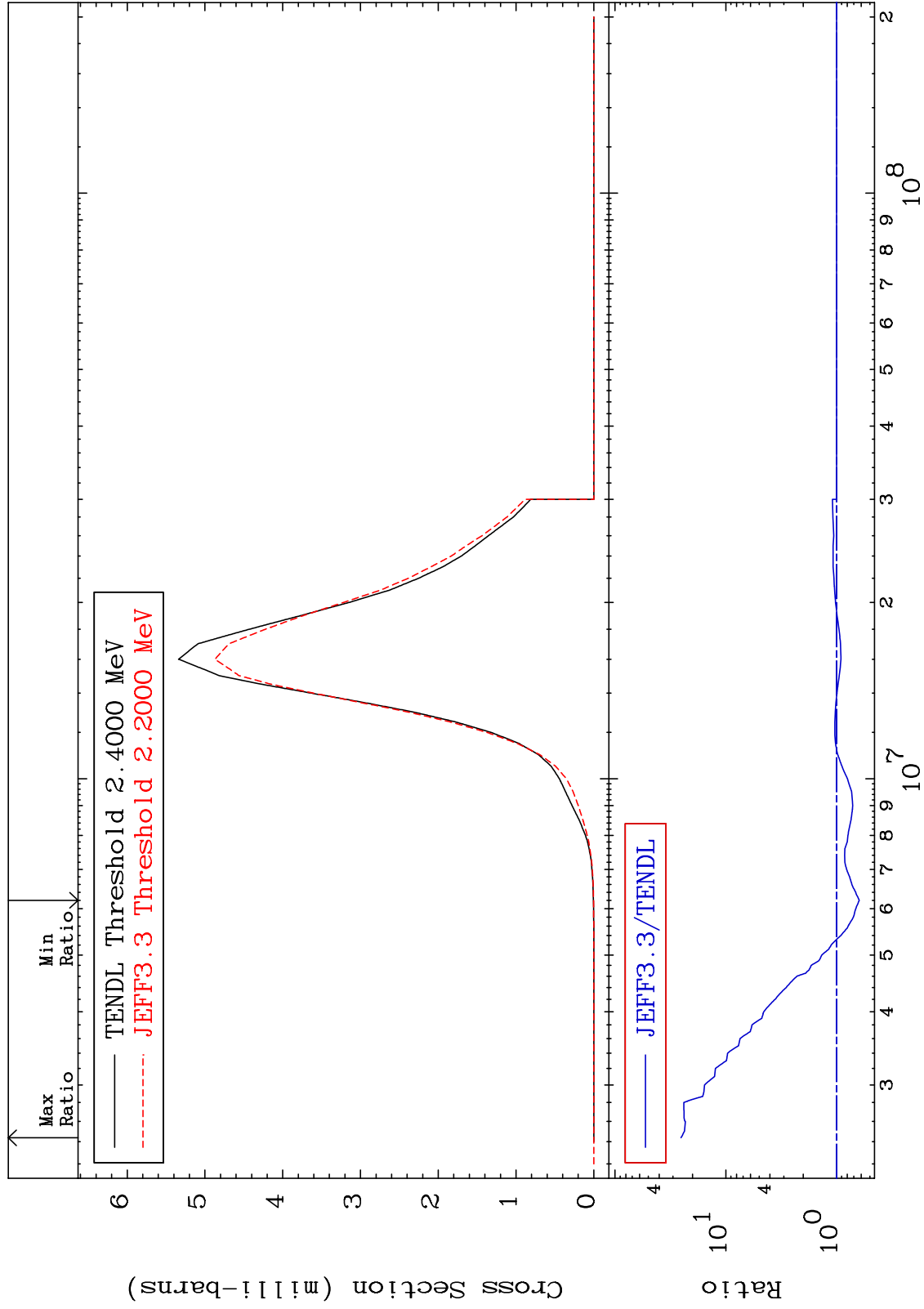
32-Ge-74

MAT 3237

(n, α): 30-Zn-71m1

32-Ge-74

Radionuclide Production Cross Section -37.57 To 2436. %

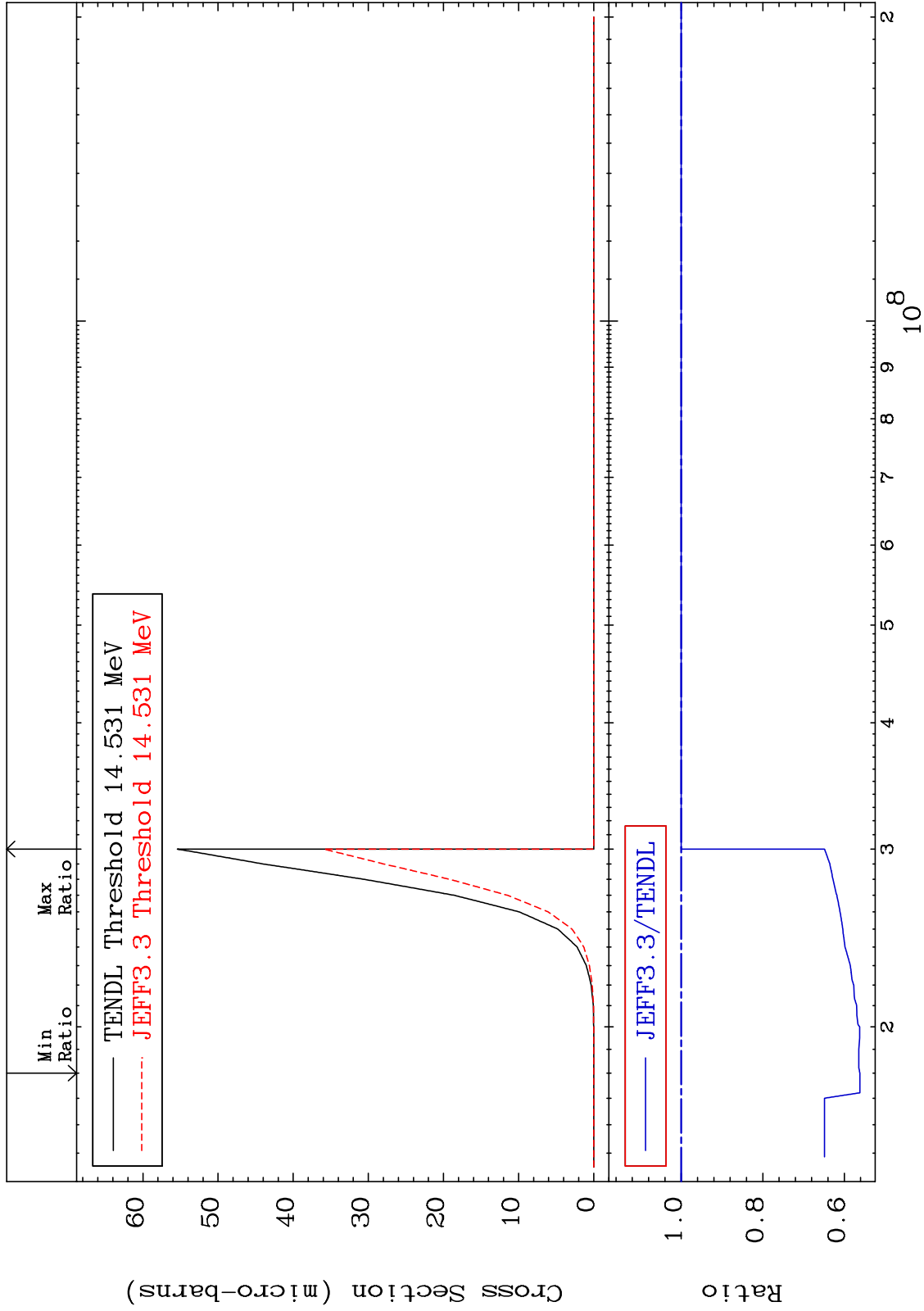


MAT 3237

(n,2p):30-Zn-73g

32-Ge-74

Radionuclide Production Cross Section -43.83 To 0.000 %

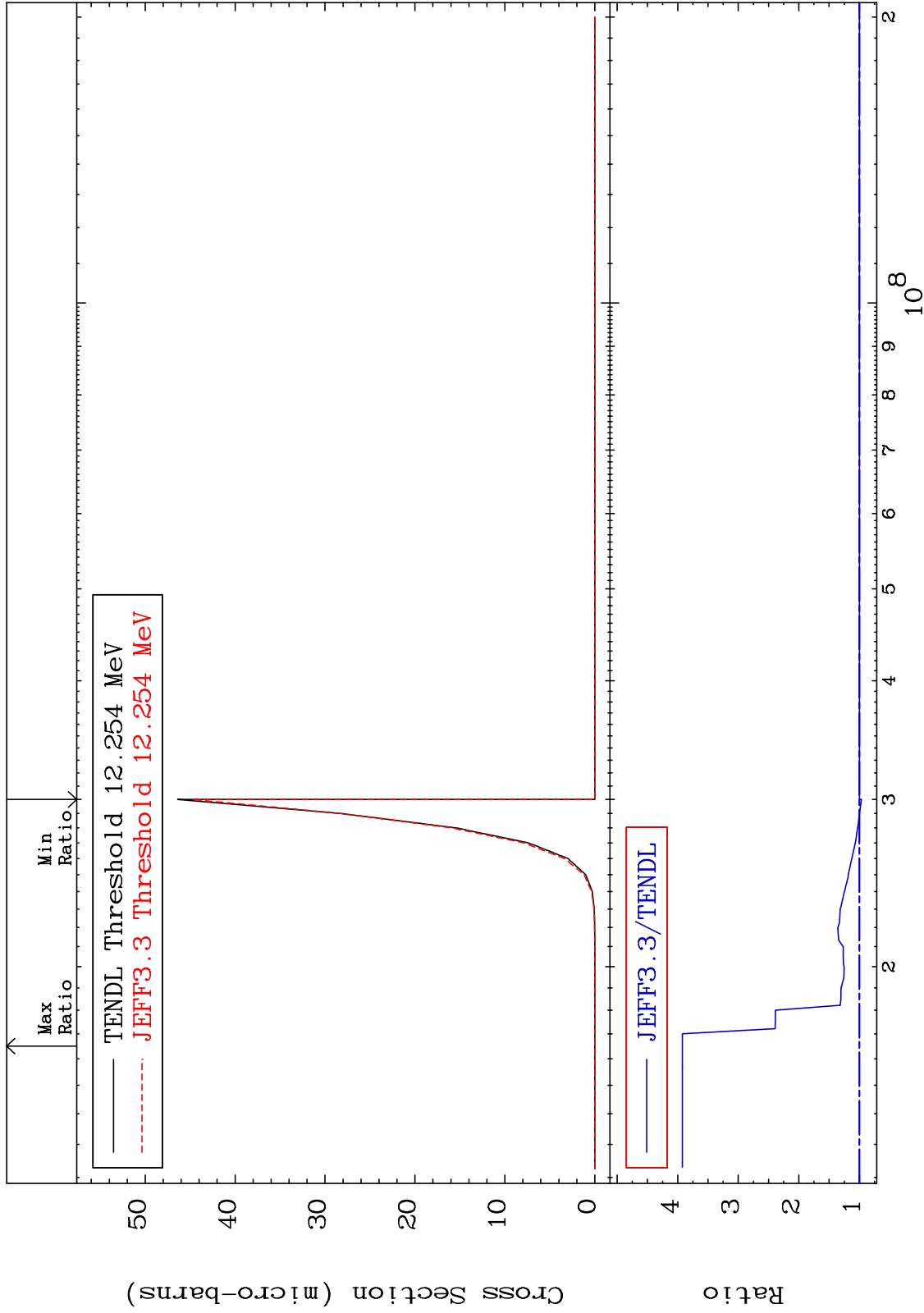


MAT 3237

(n, p) α :29-Cu-70g

32-Ge-74

Radionuclide Production Cross Section -3.383 To 292.2 %

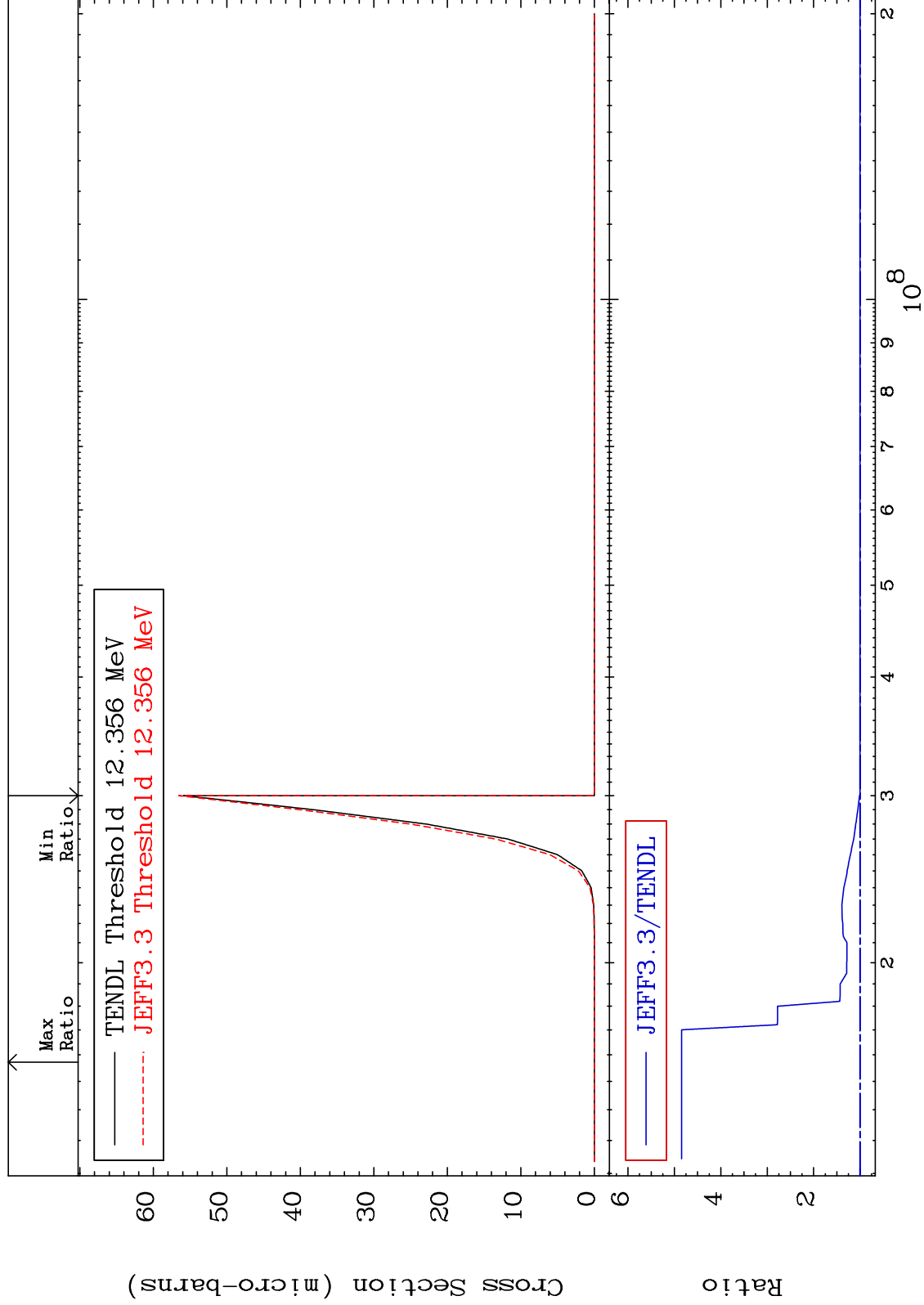


MAT 3237

(n, p) α :29-Cu-70m1

32-Ge-74

Radionuclide Production Cross Section 0.000 To 384.4 %

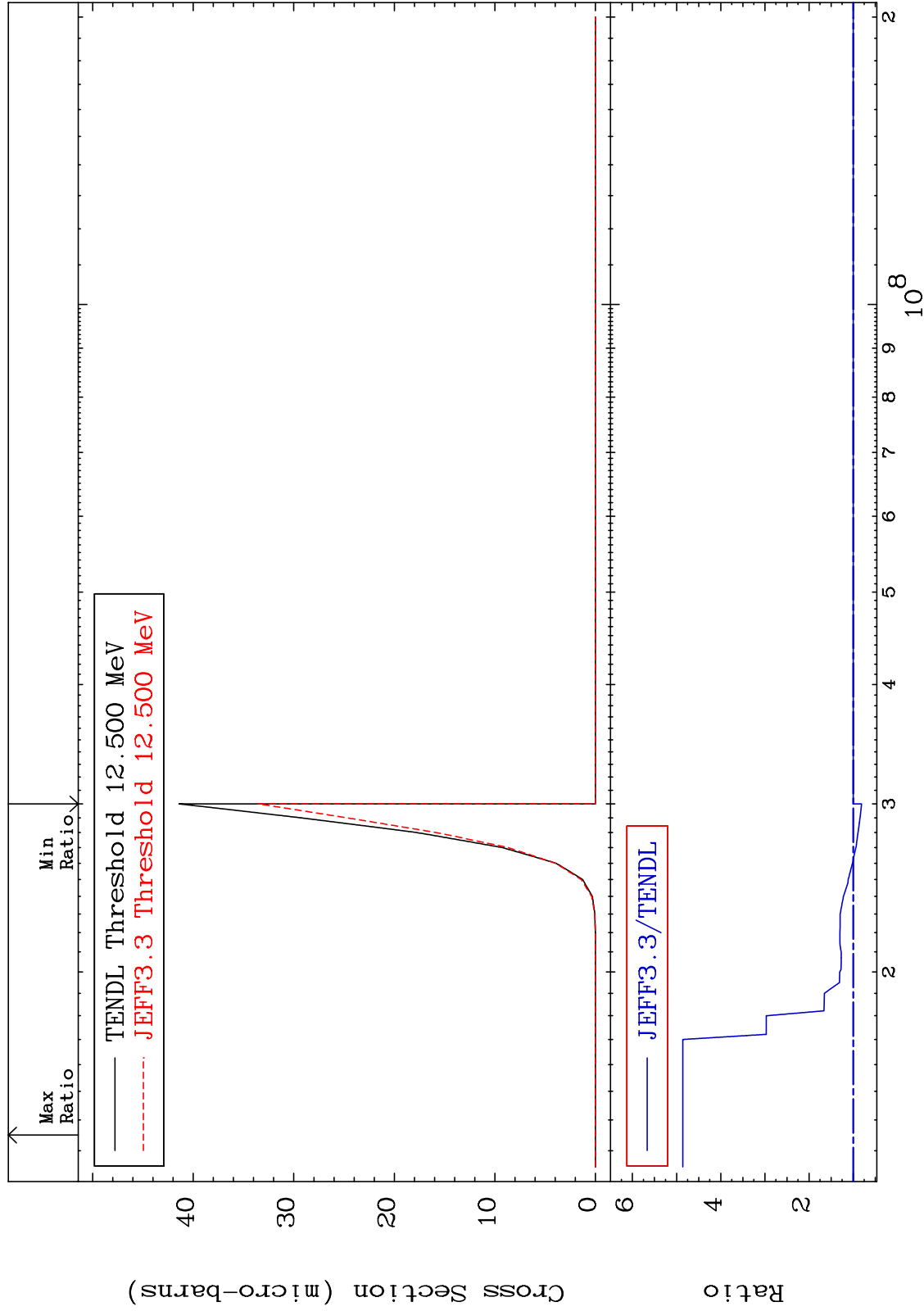


MAT 3237

(n, p) α :29-Cu-70m3

32-Ge-74

Radionuclide Production Cross Section -19.04 To 385.7 %



93

Incident Energy (eV)

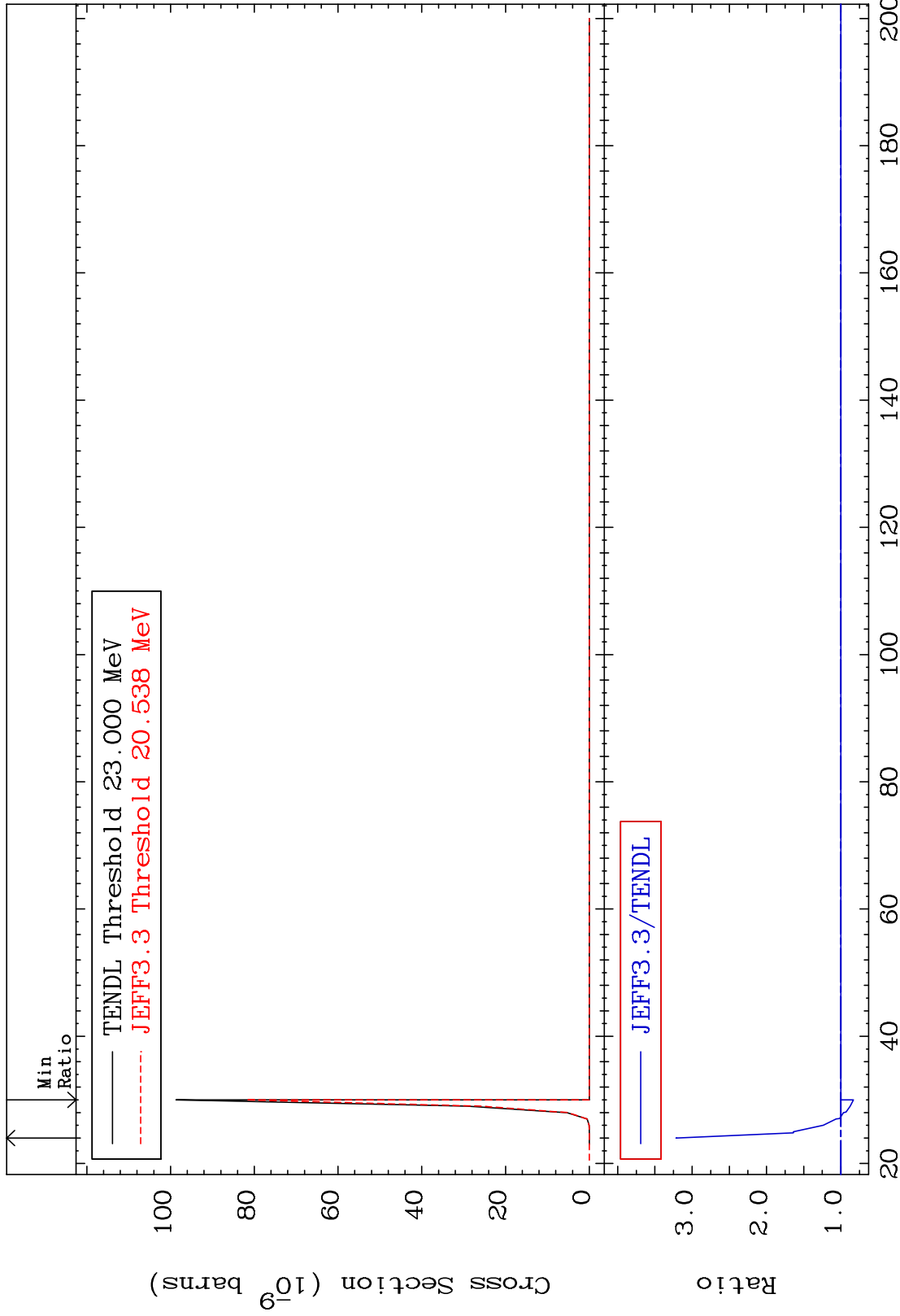
32-Ge-74

MAT 3237

(n,p) t:30-Zn-71g

32-Ge-74

Radionuclide Production Cross Section -16.93 To 221.5 %

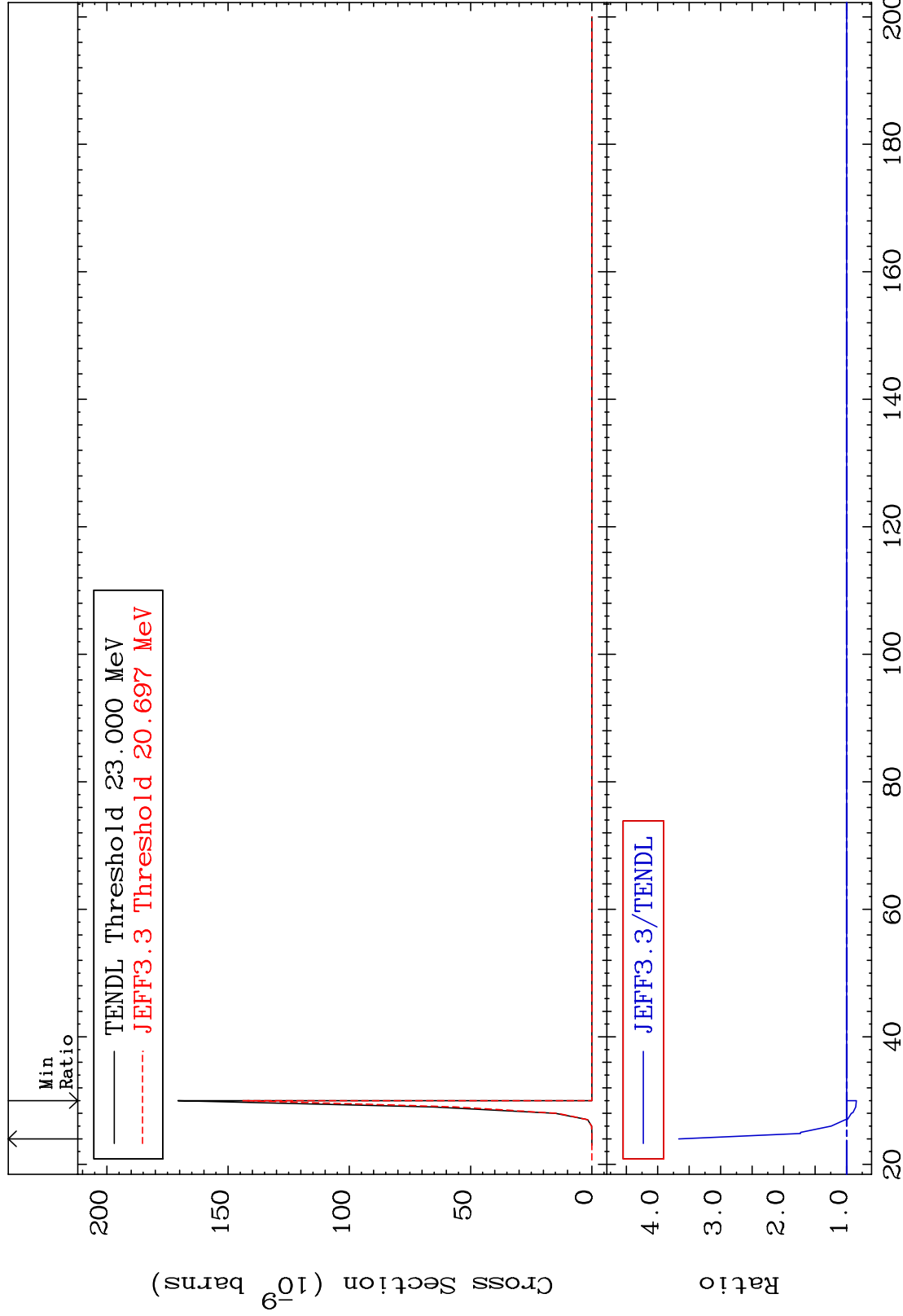


MAT 3237

(n, p) t:30-Zn-71m1

32-Ge-74

Radionuclide Production Cross Section -15.73 To 266.6 %



95

Incident Energy (MeV)

32-Ge-74