

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

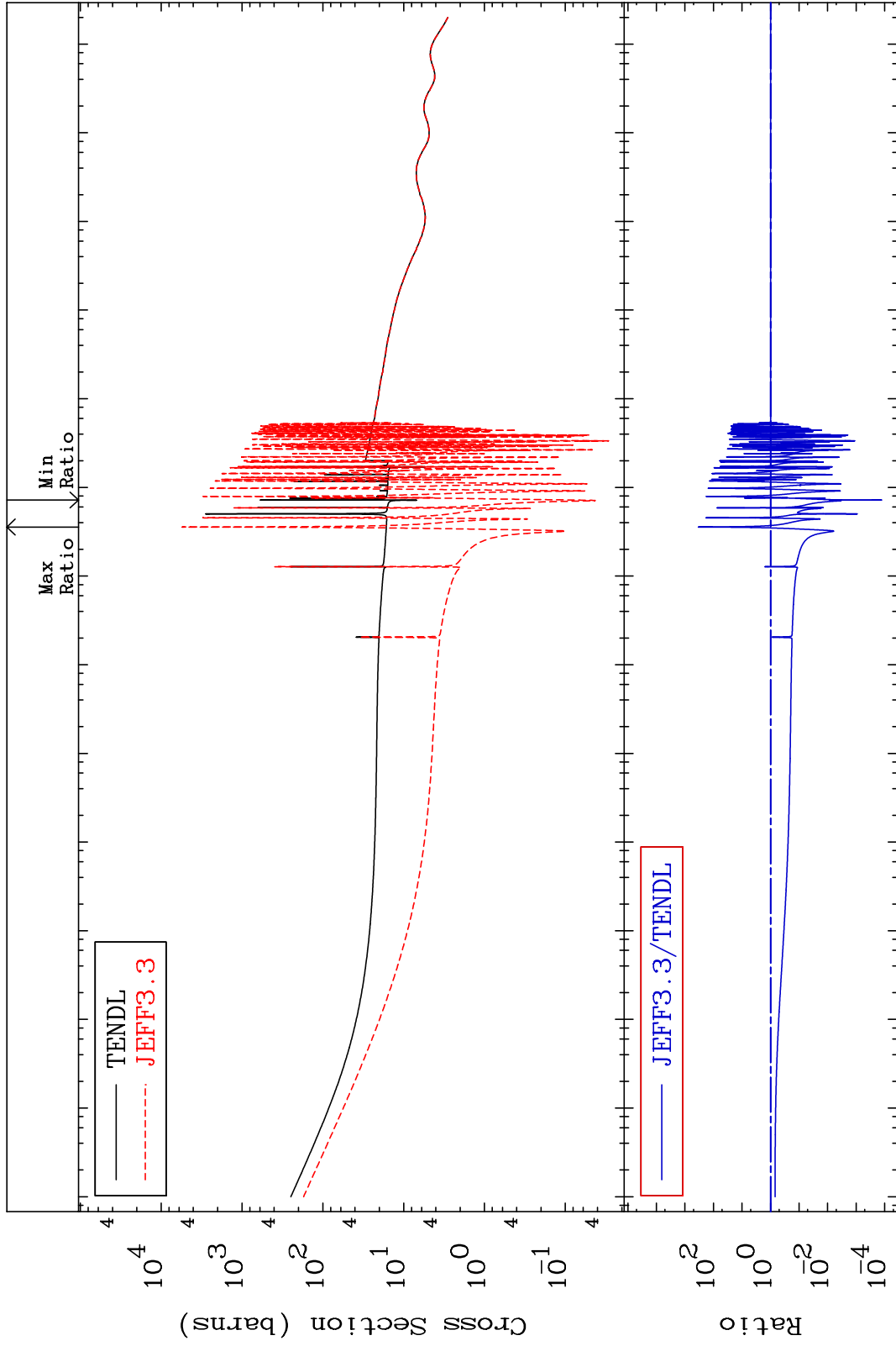
MAT 7649

Total

76-0s-192

Cross Section

-99.99 To 9999. %

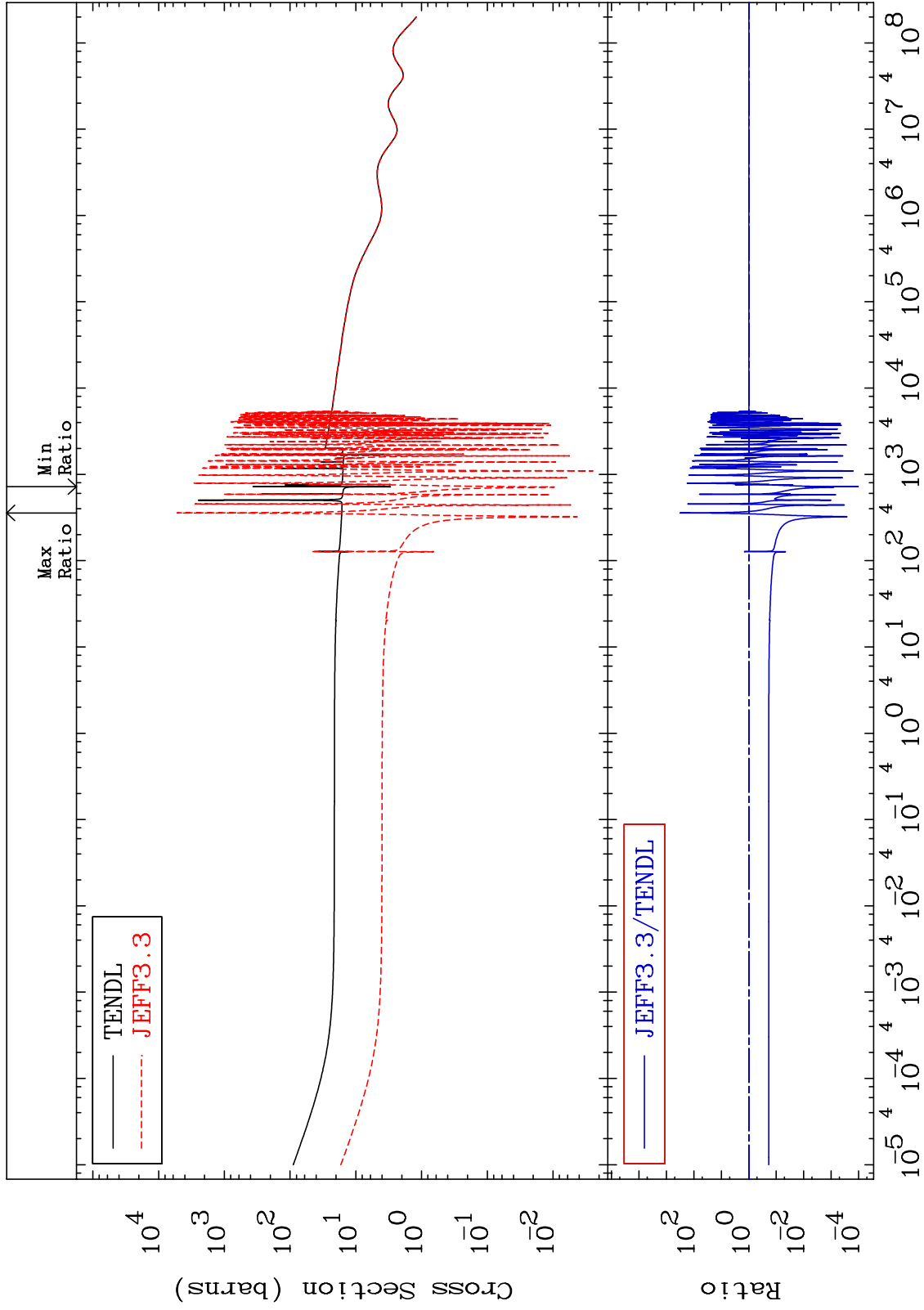


Incident Energy (eV) 76-0s-192

MAT 7649

Elastic
Cross Section

76-0s-192
-99.99 To 9999. %



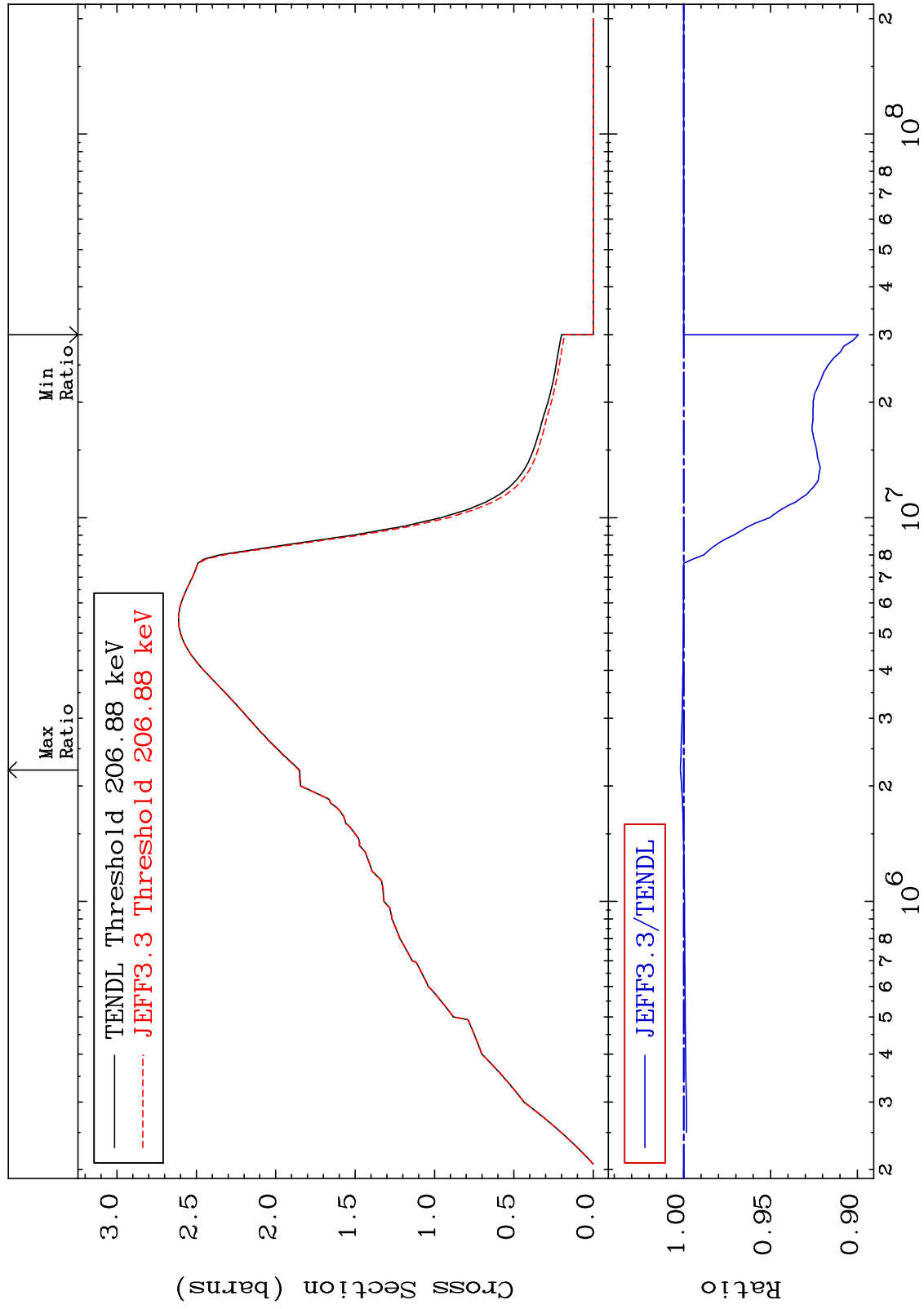
MAT 7649

Inelastic

76-0s-192

Cross Section

-10.07 To 0.188 %



76-0s-192

3

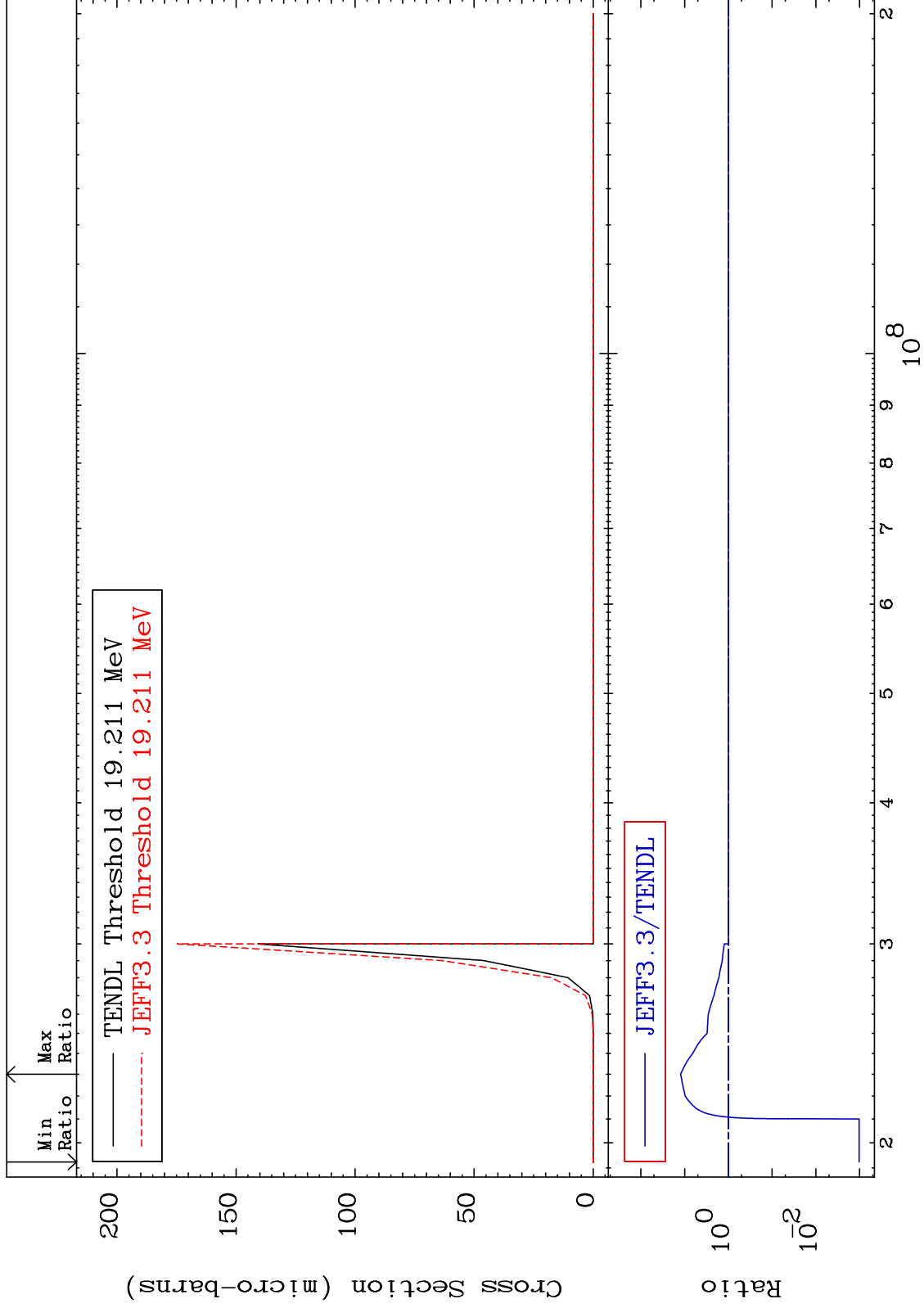
MAT 7649

(n,2n) d

76-0s-192

Cross Section

-99.90 To 1133. %



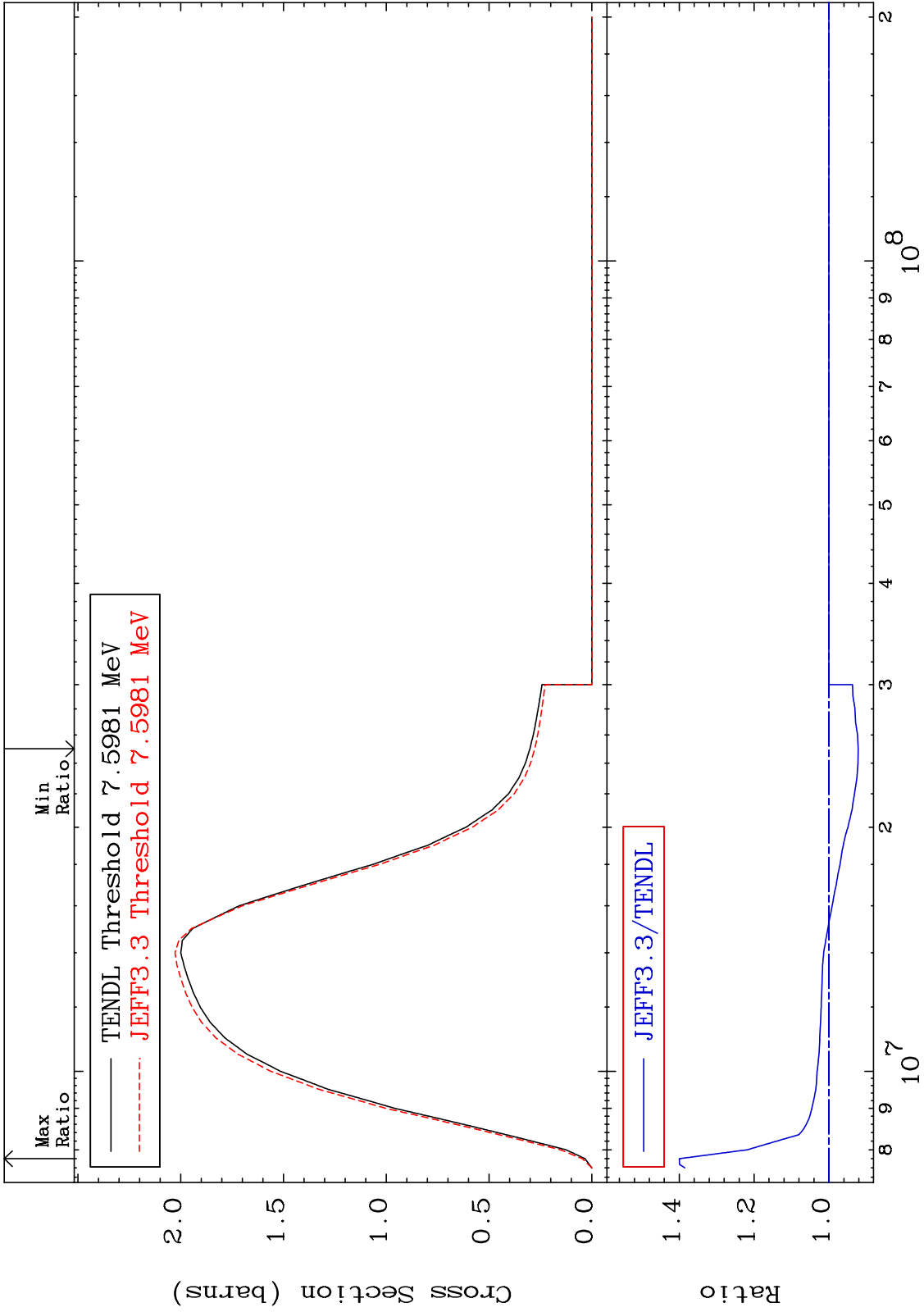
MAT 7649

(n,2n)

76-0s-192

Cross Section

-7.838 To 39.97 %



5

Incident Energy (eV)

76-0s-192

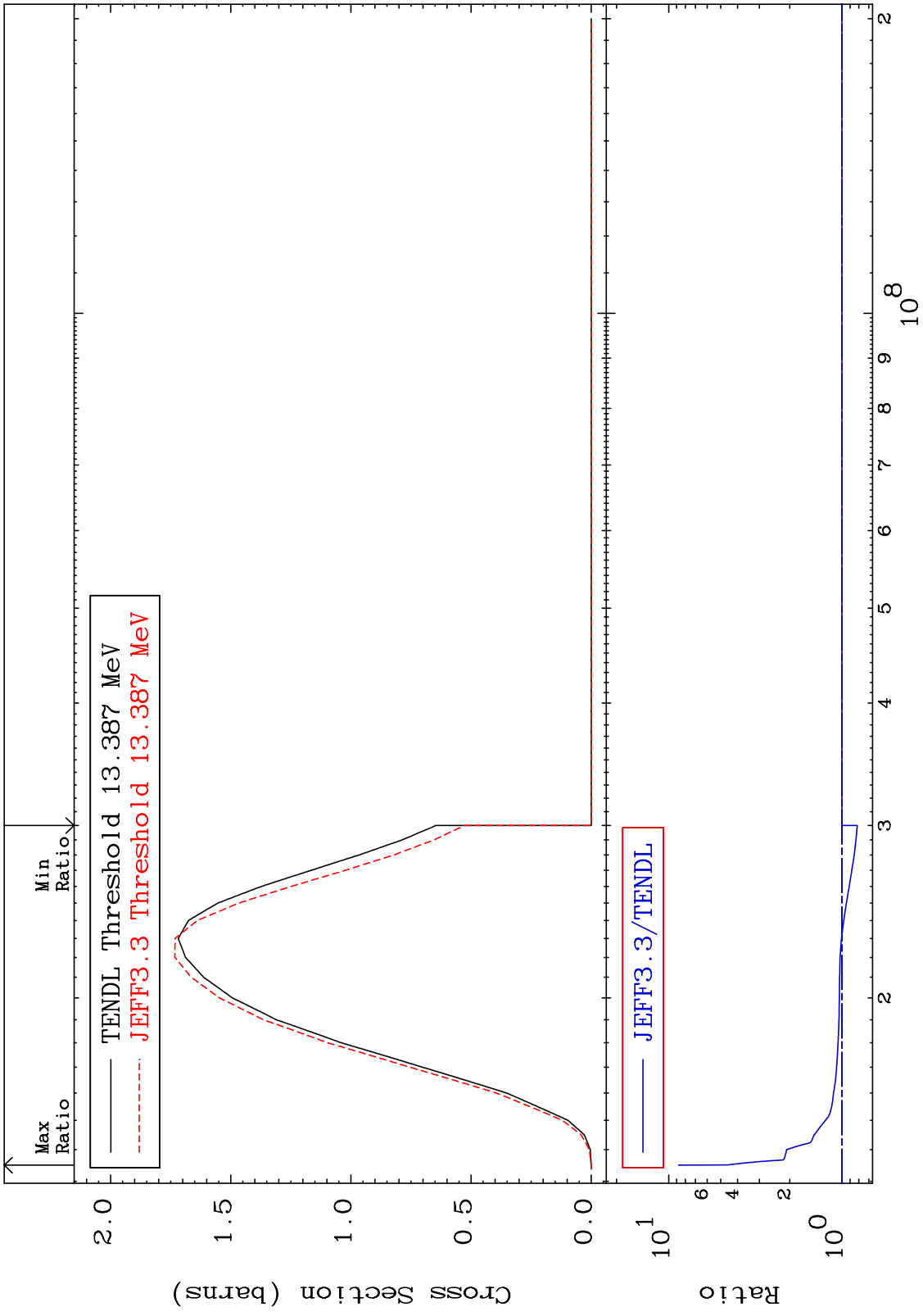
MAT 7649

(n, 3n)

76-0s-192

Cross Section

-18.37 To 775.6 %



6

Incident Energy (eV)

76-0s-192

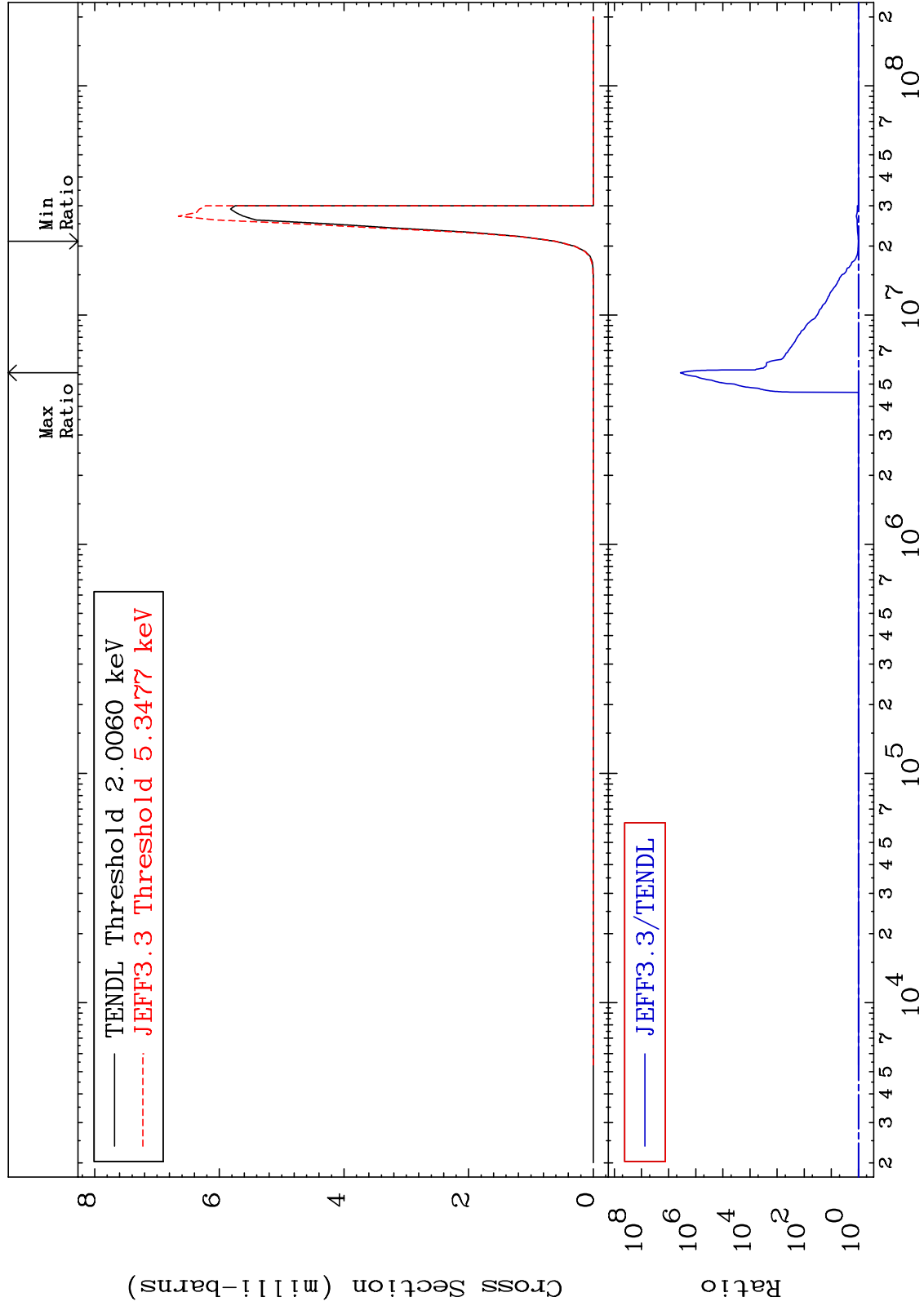
MAT 7649

(n, n') α

Cross Section

76-0s-192

-1.170 To 9999. %



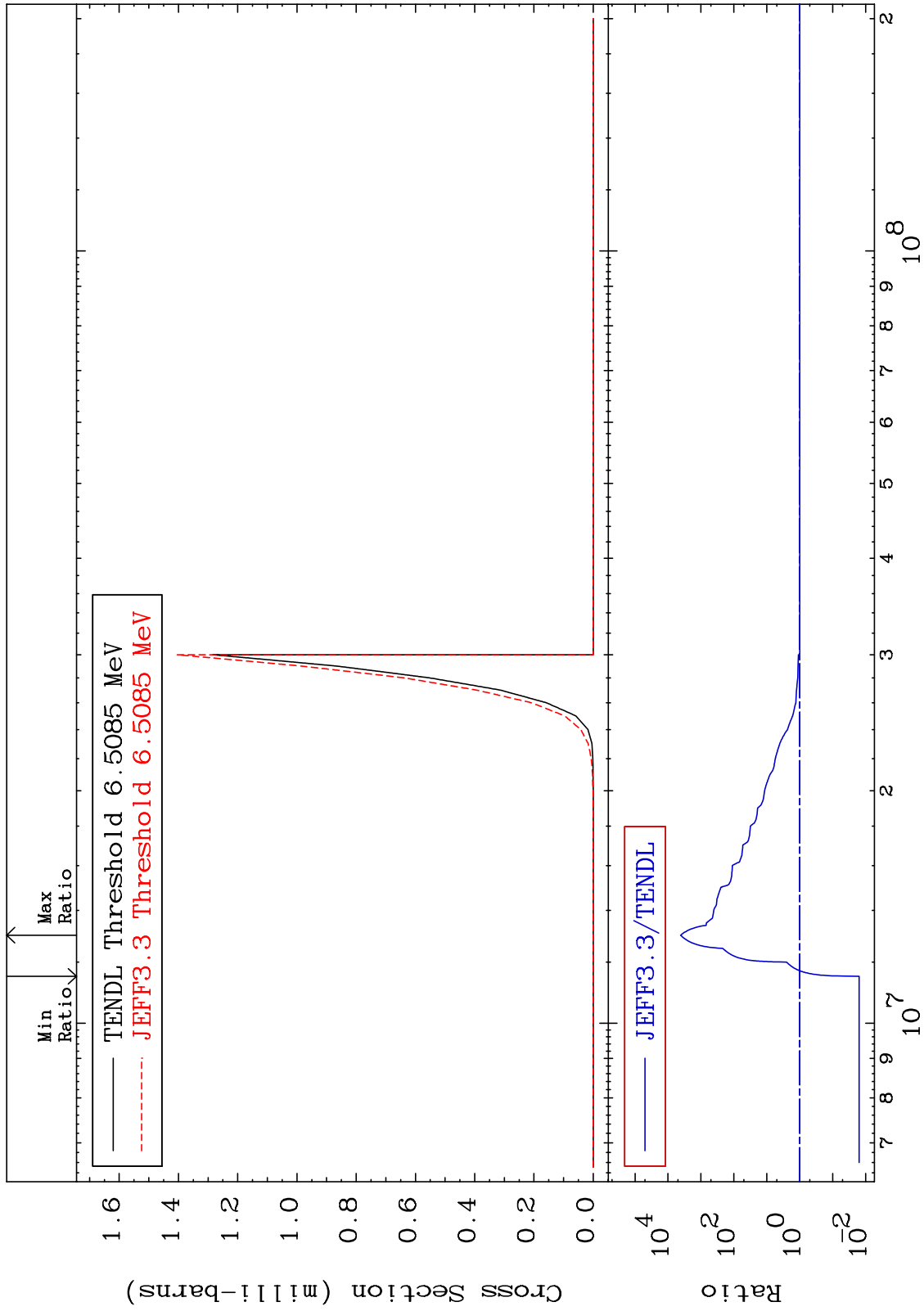
MAT 7649

(n,2n) α

76-0s-192

Cross Section

-98.43 To 9999. %



8

Incident Energy (eV)

76-0s-192

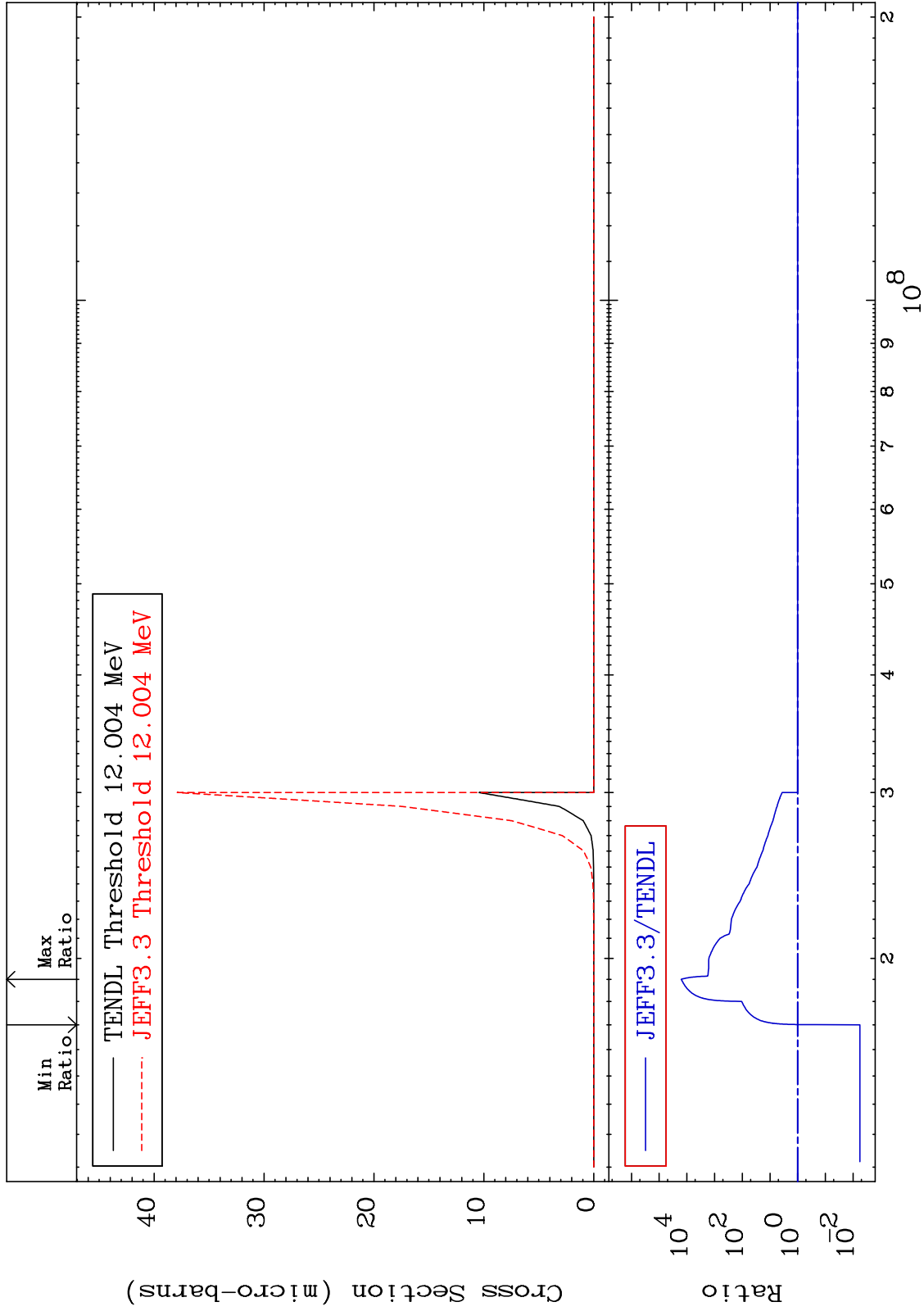
MAT 7649

(n,3n) α

76-0s-192

Cross Section

-99.43 To 9999. %



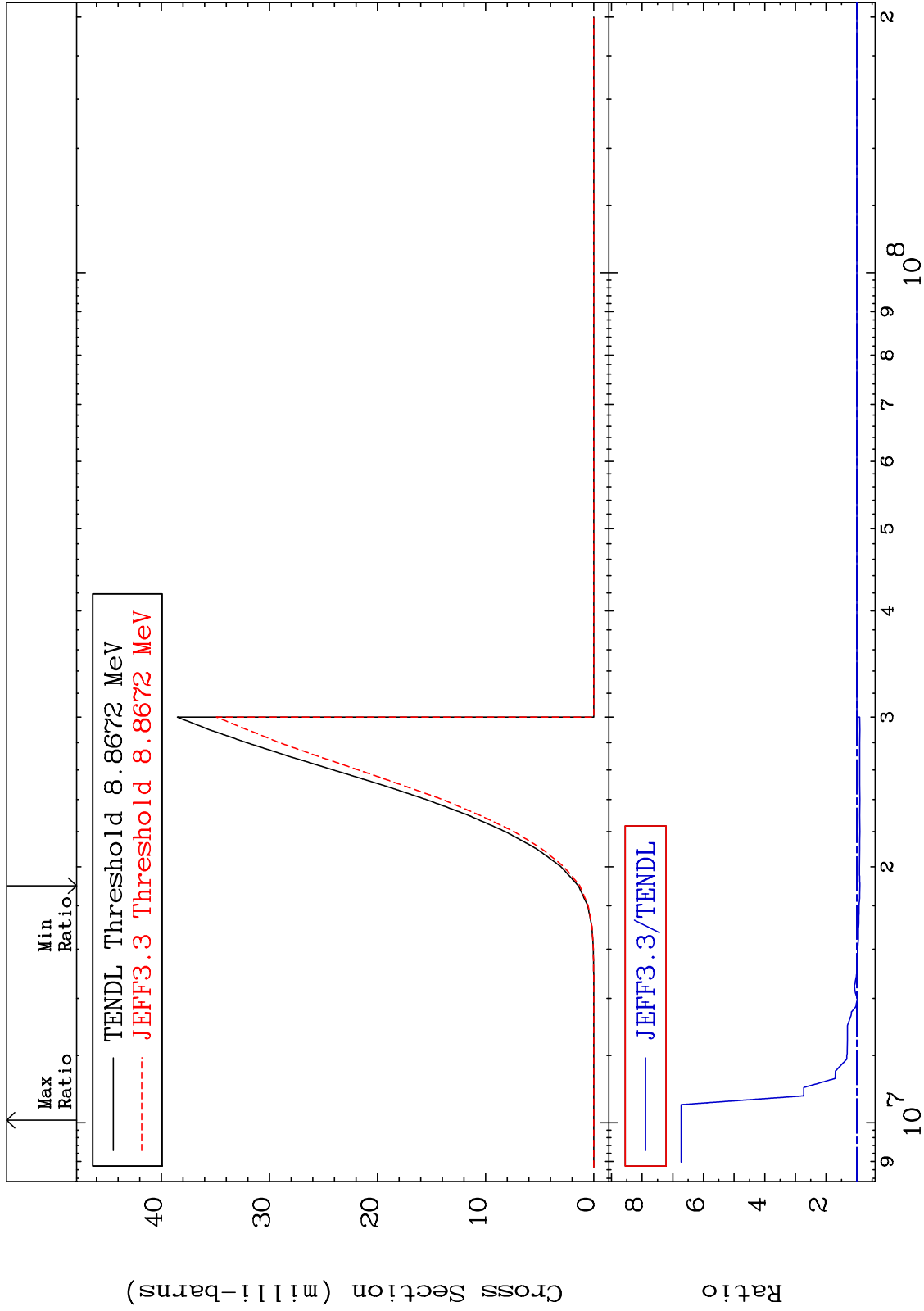
MAT 7649

(n, n') p

76-0s-192

Cross Section

-10.27 To 572.5 %



Incident Energy (eV)

76-0s-192

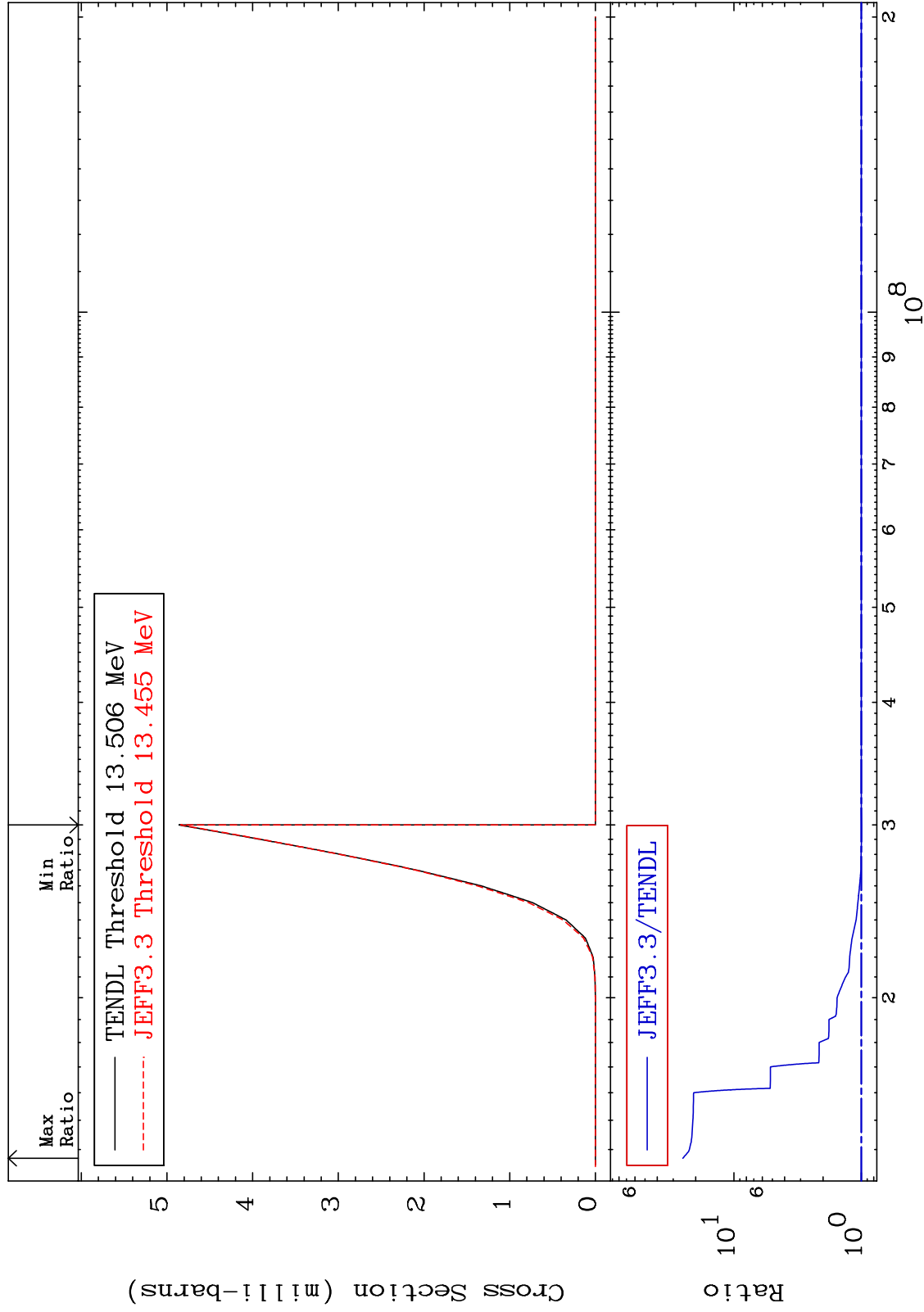
MAT 7649

(n, n') d

76-0s-192

Cross Section

-0.391 To 2421. %



MAT 7649

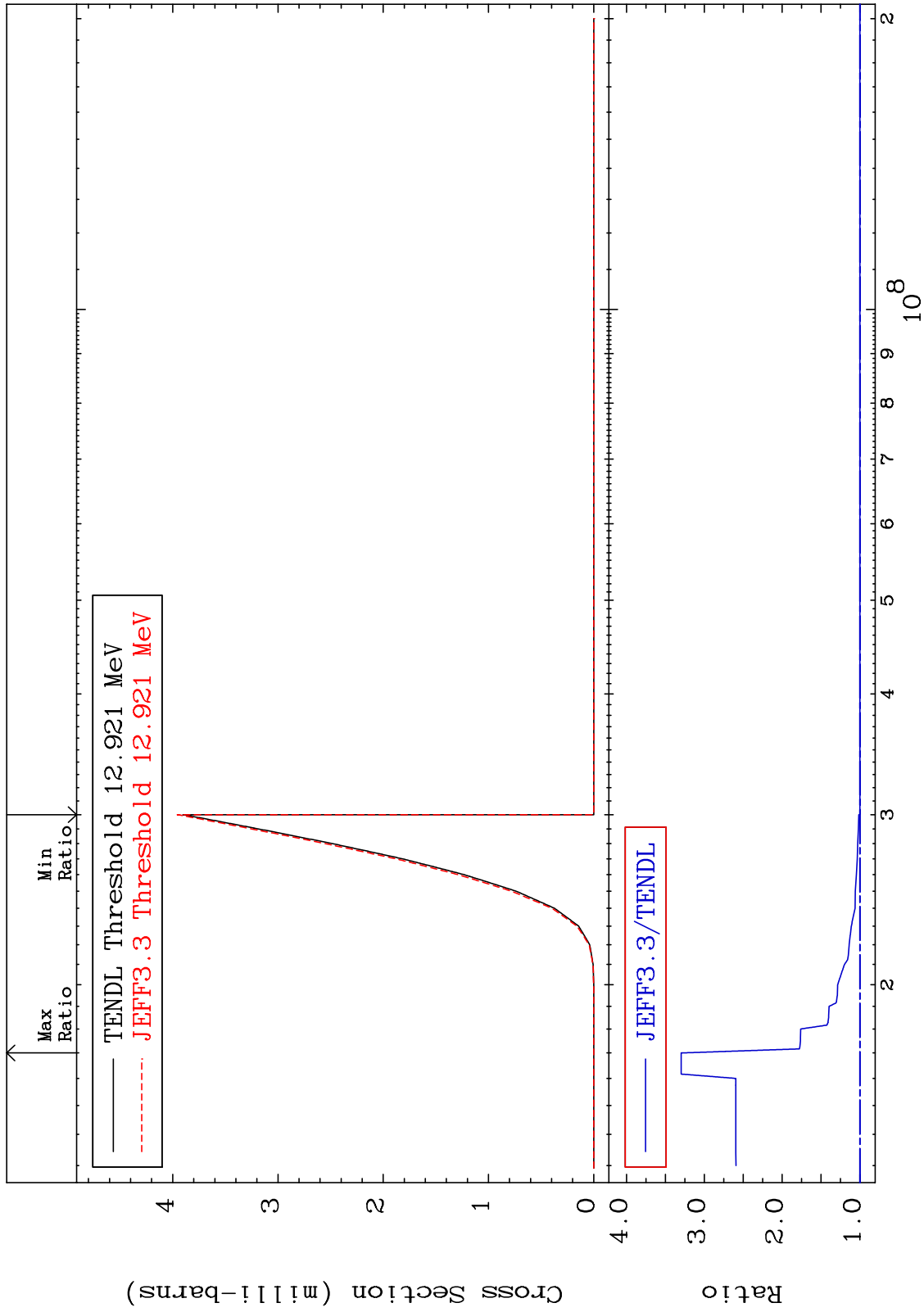
(n, n') t

76-0s-192

Cross Section

0.000

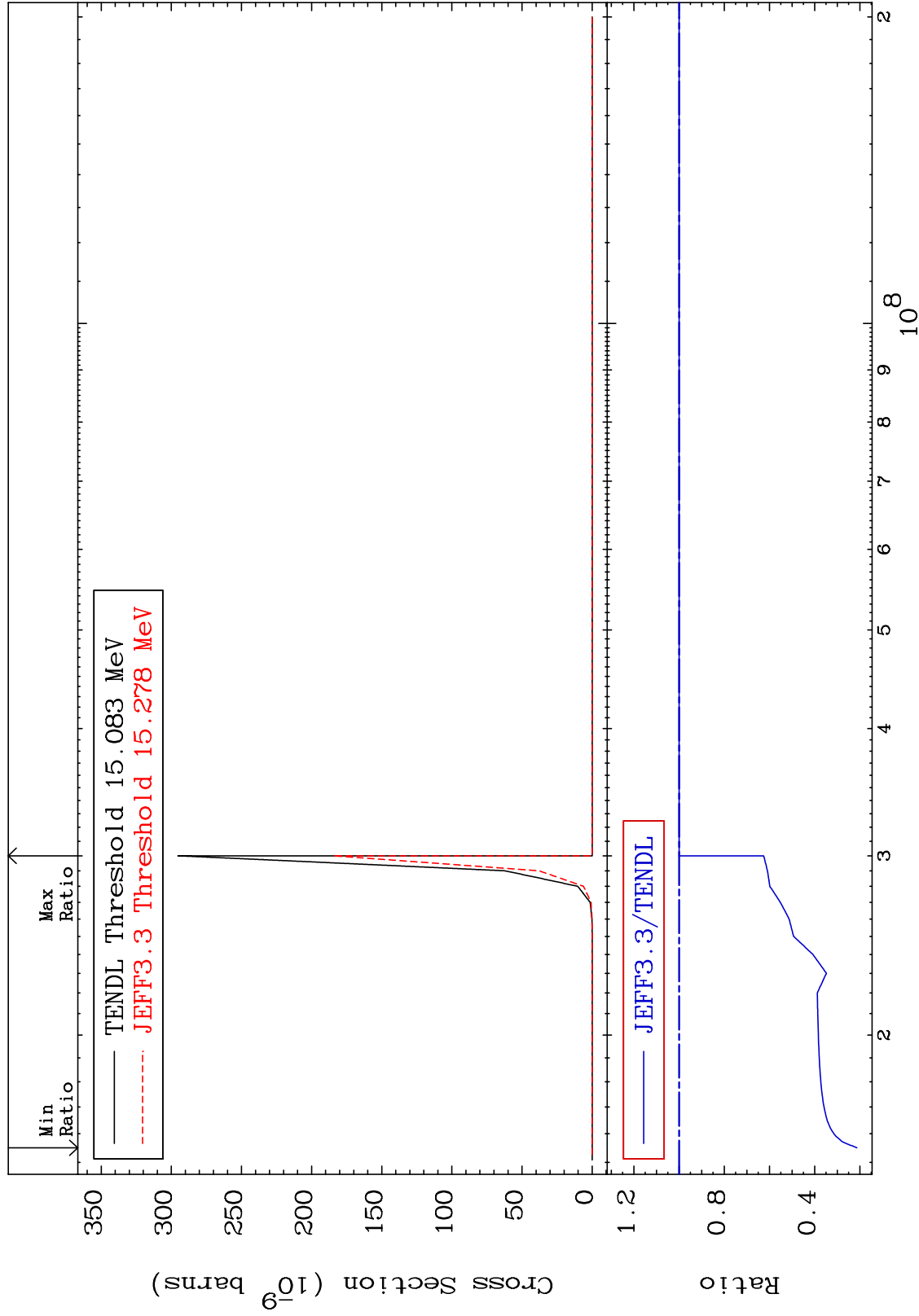
To 229.8 %



MAT 7649

(n, n') He-3
Cross Section

76-0s-192
-78.64 To 0.000 %



MAT 7649

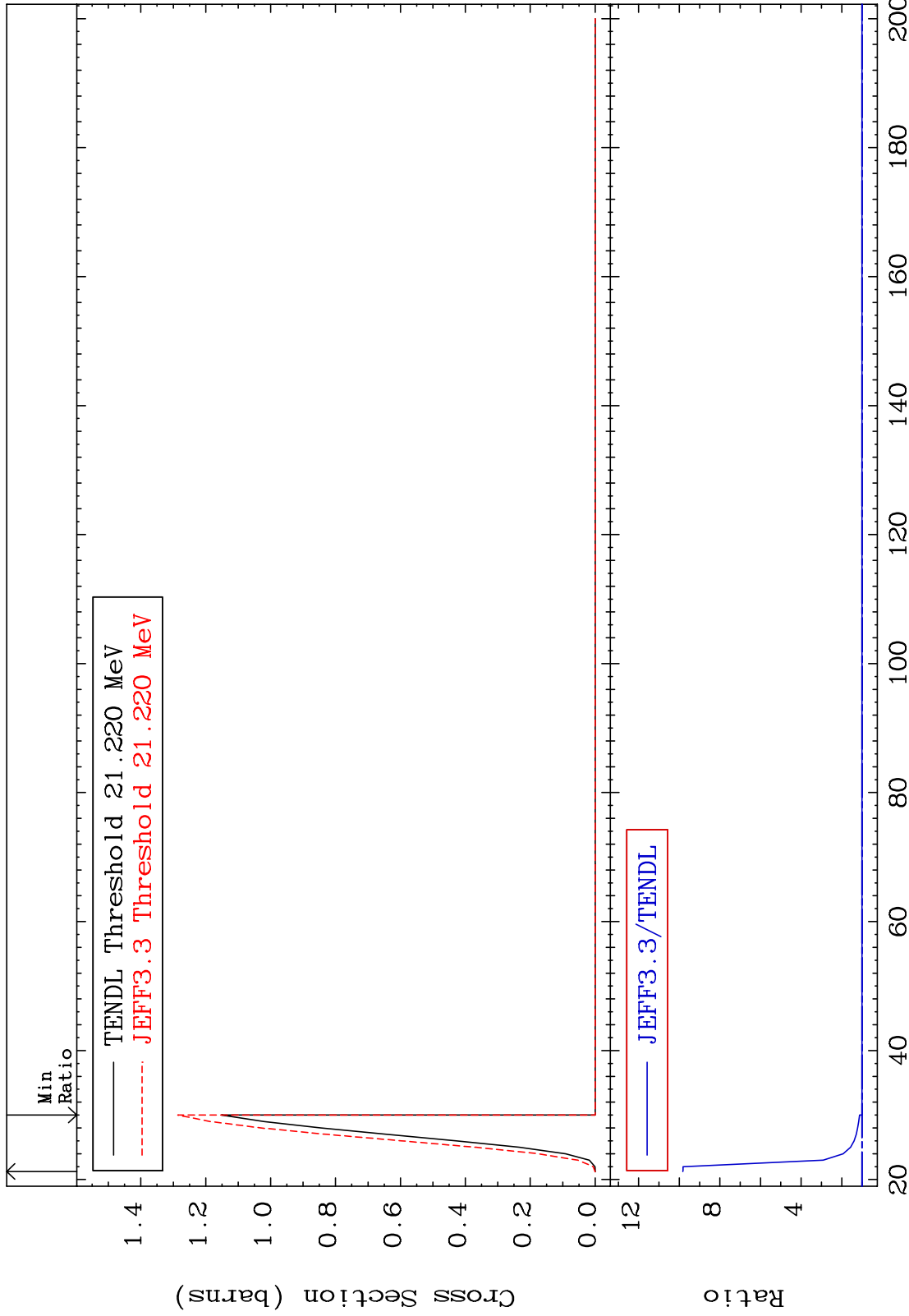
(n, 4n)

76-0s-192

Cross Section

0.000

To 882.3 %

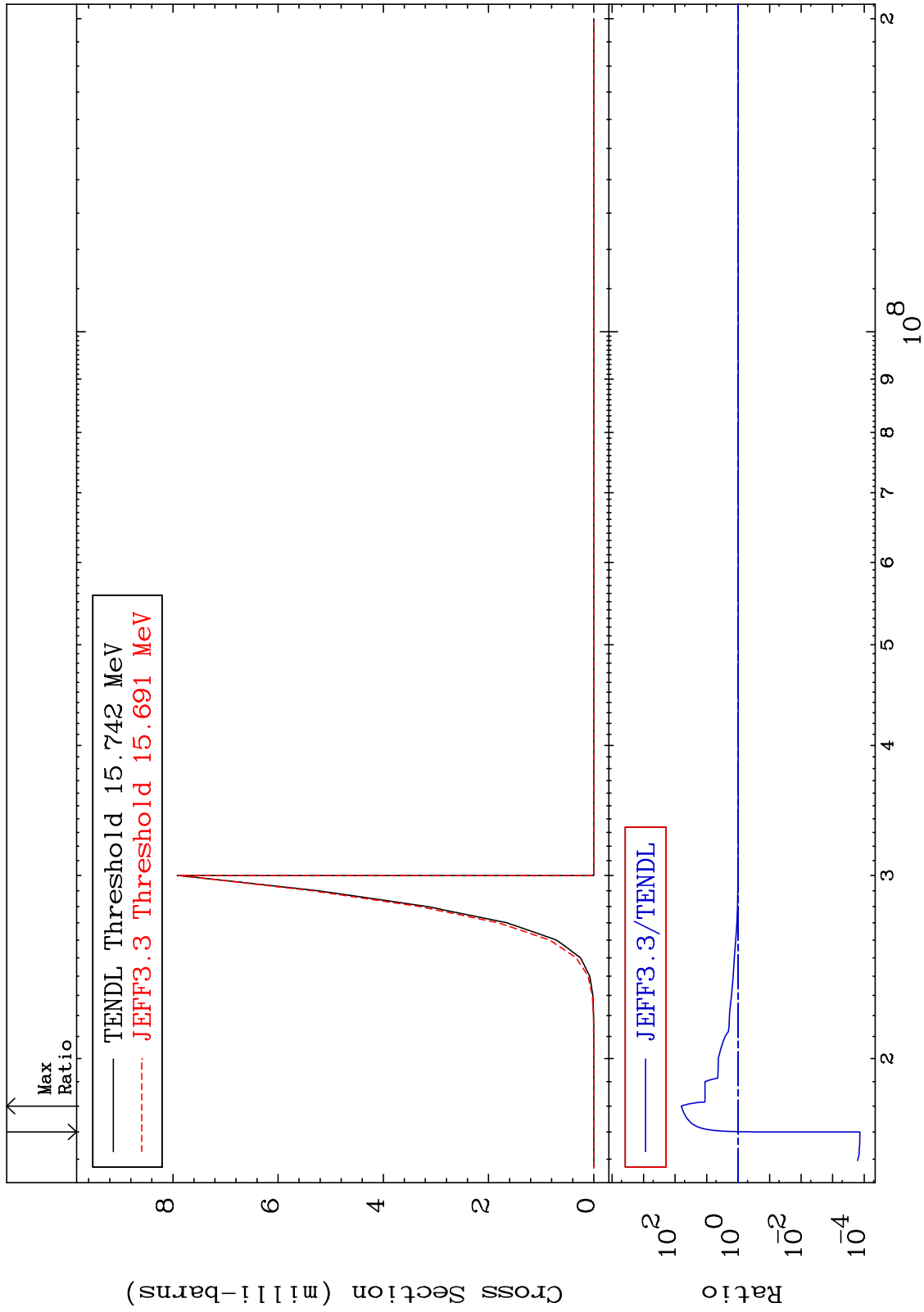


76-0s-192

MAT 7649

(n,2n) p
Cross Section

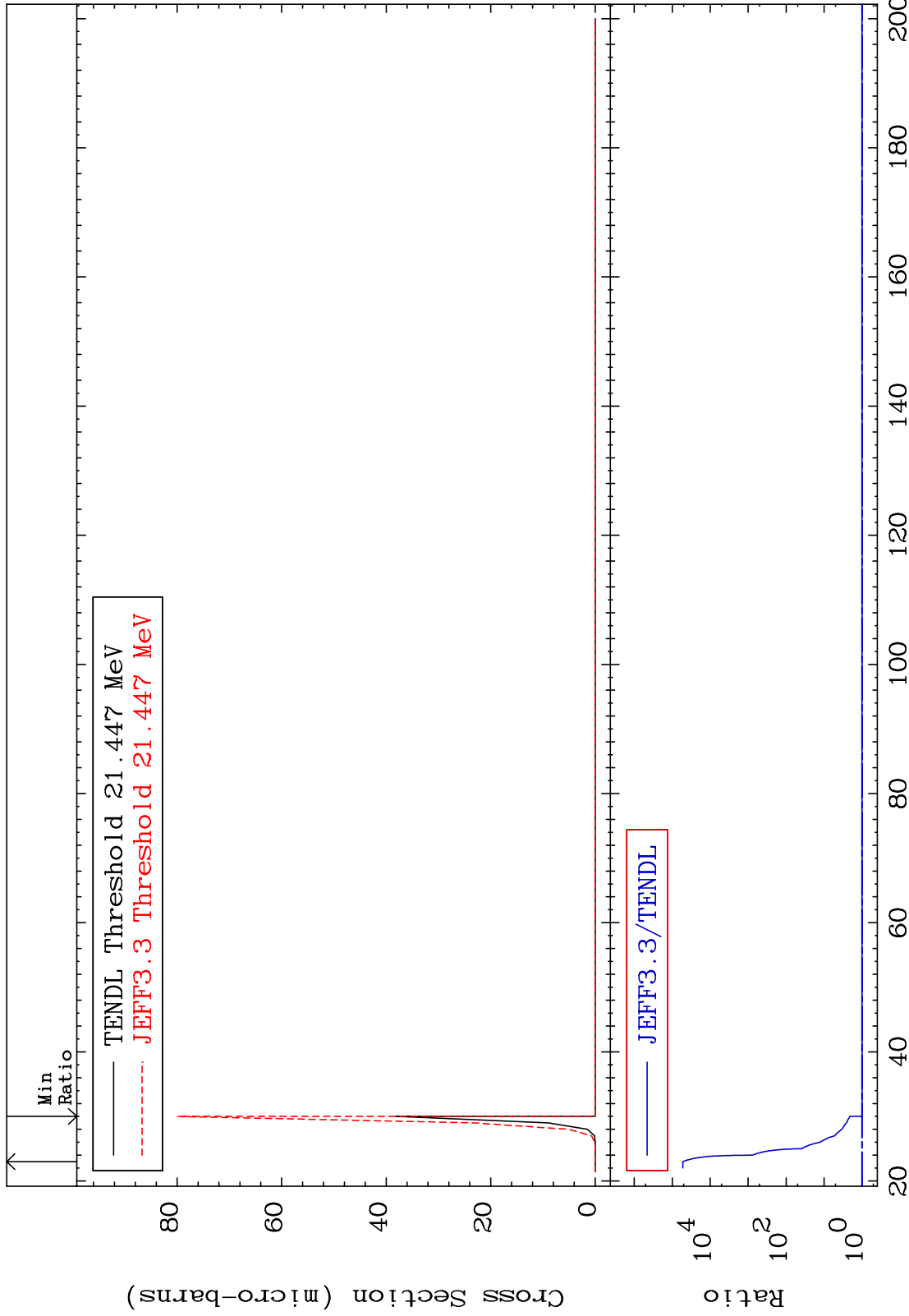
76-0s-192
-99.99 To 6309. %



MAT 7649

(n,3n) p
Cross Section

76-0s-192
0.000 To 9999. %



76-0s-192

16

MAT 7649

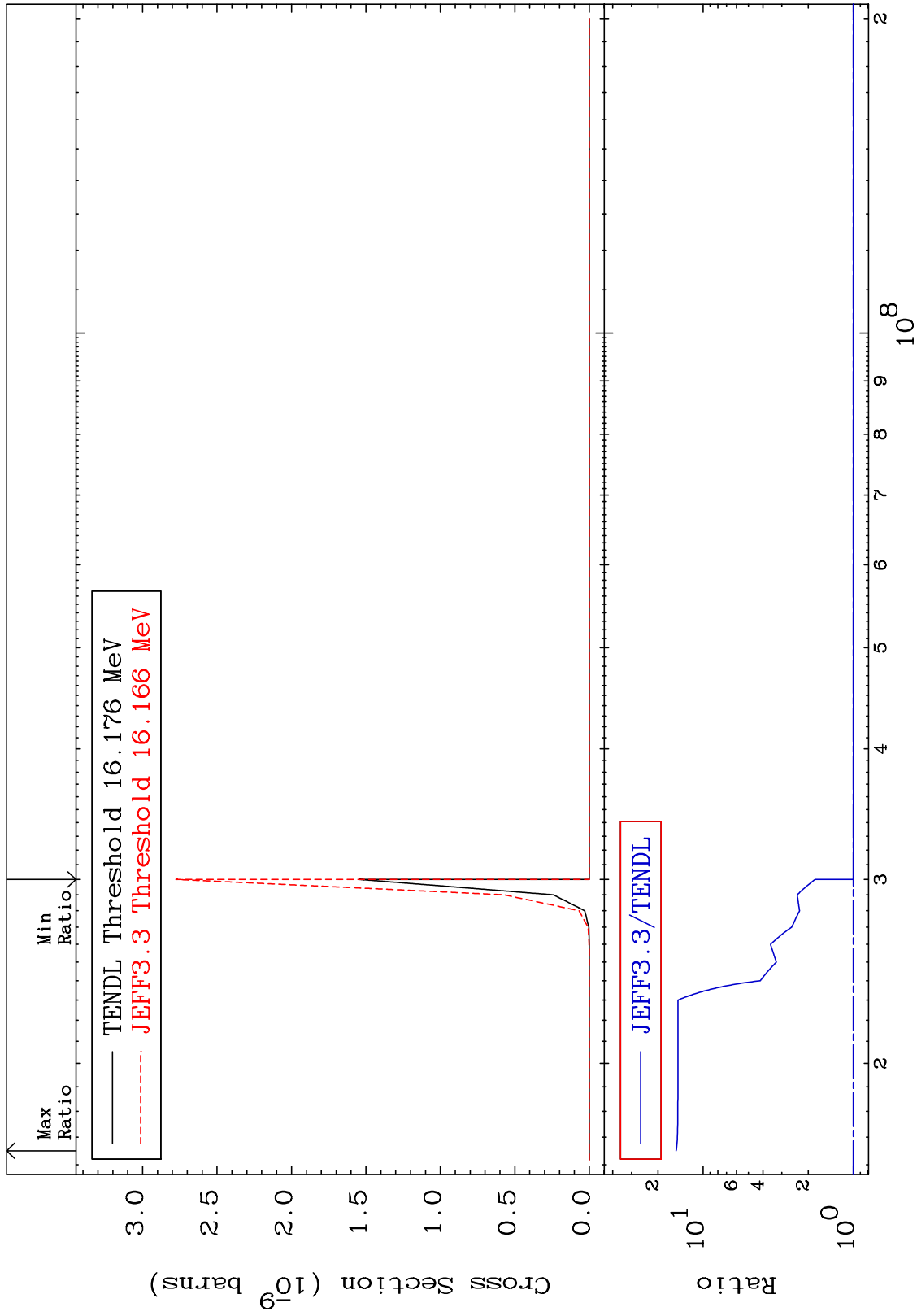
(n,2n) p

76-0s-192

Cross Section

0.000

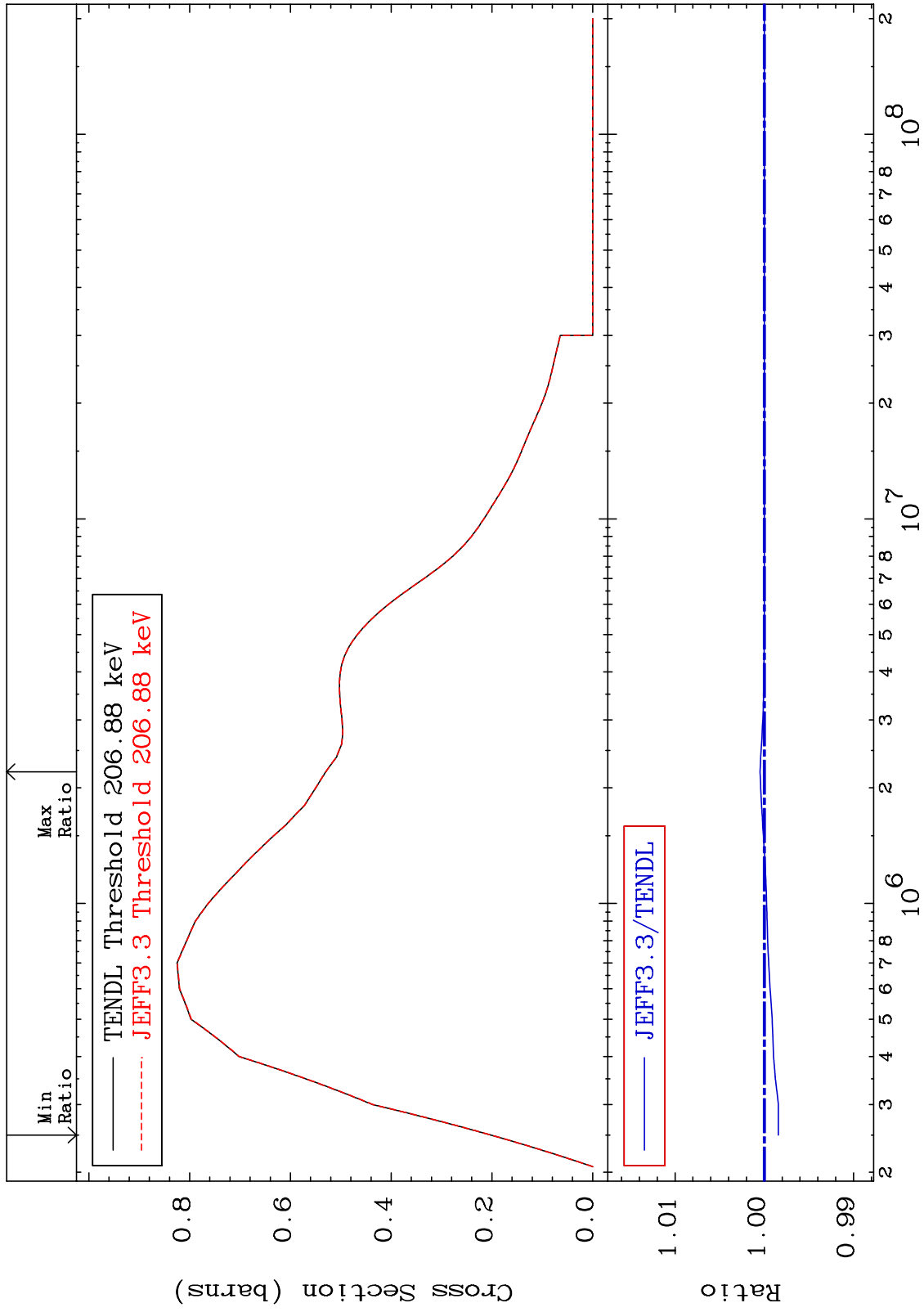
To 1416. %



MAT 7649

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

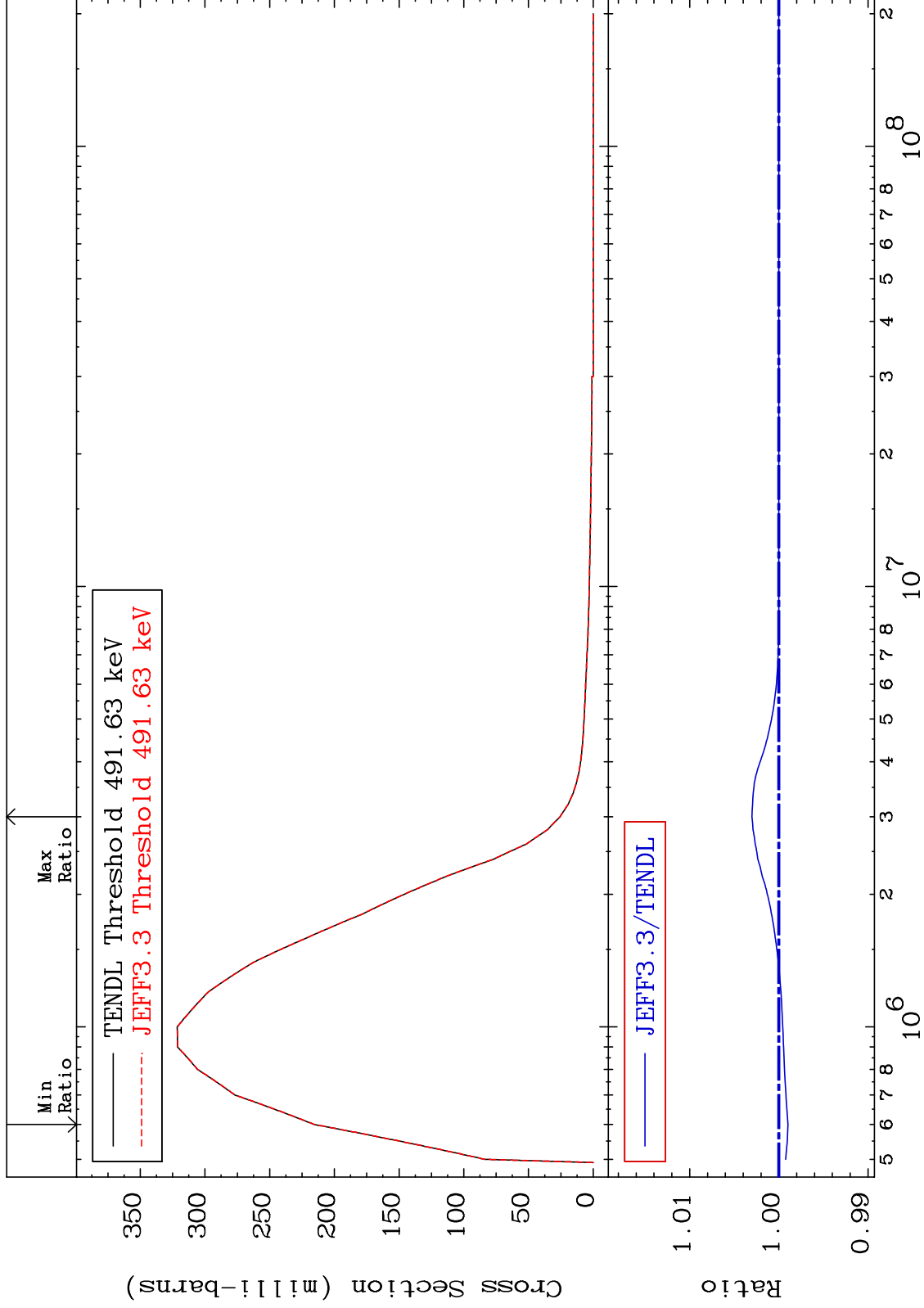
76-0s-192
-0.157 To 0.047 %



MAT 7649

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

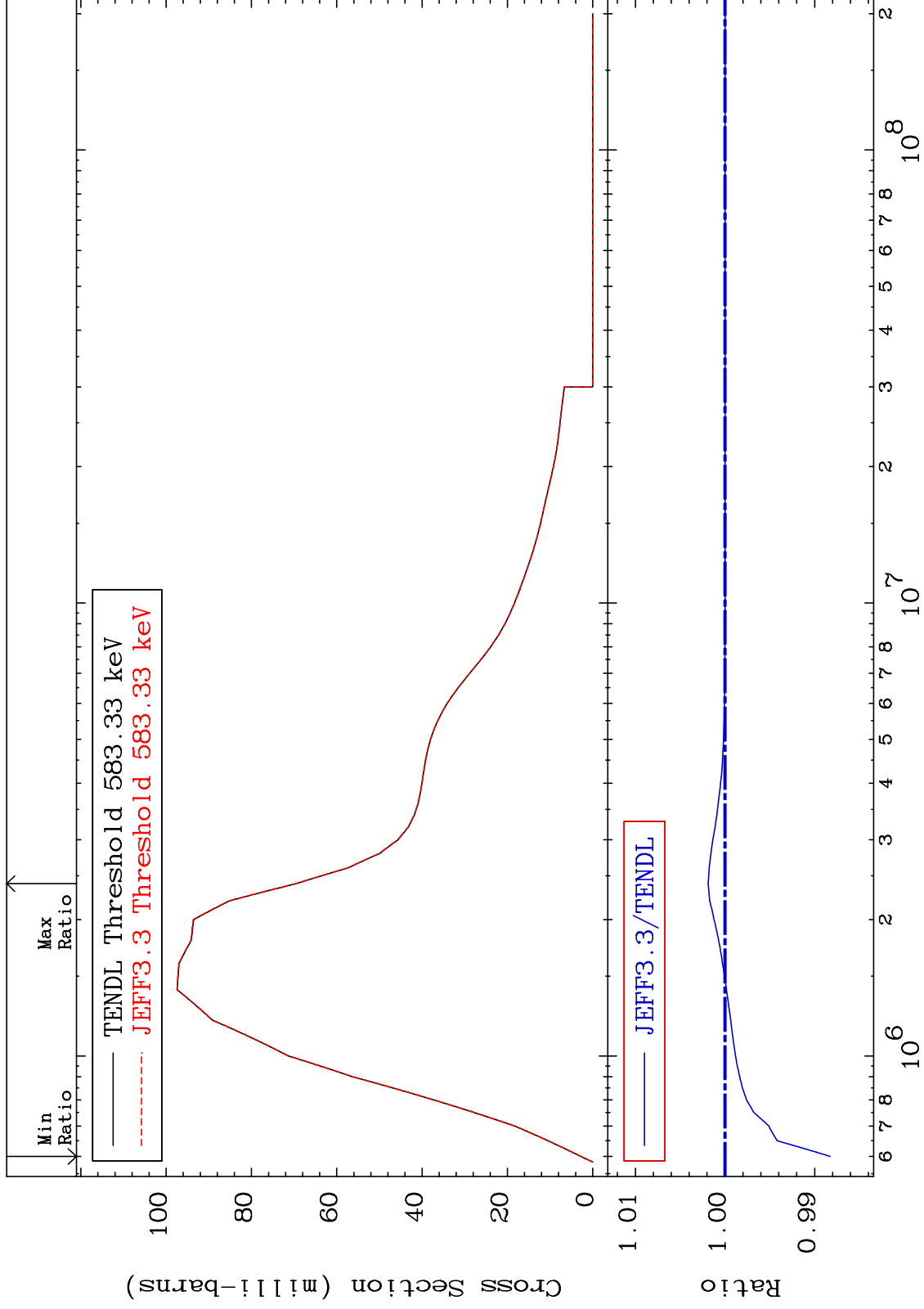
76-0s-192
-0.102 To 0.303 %



MAT 7649

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

76-0s-192
-1.174 To 0.188 %



20

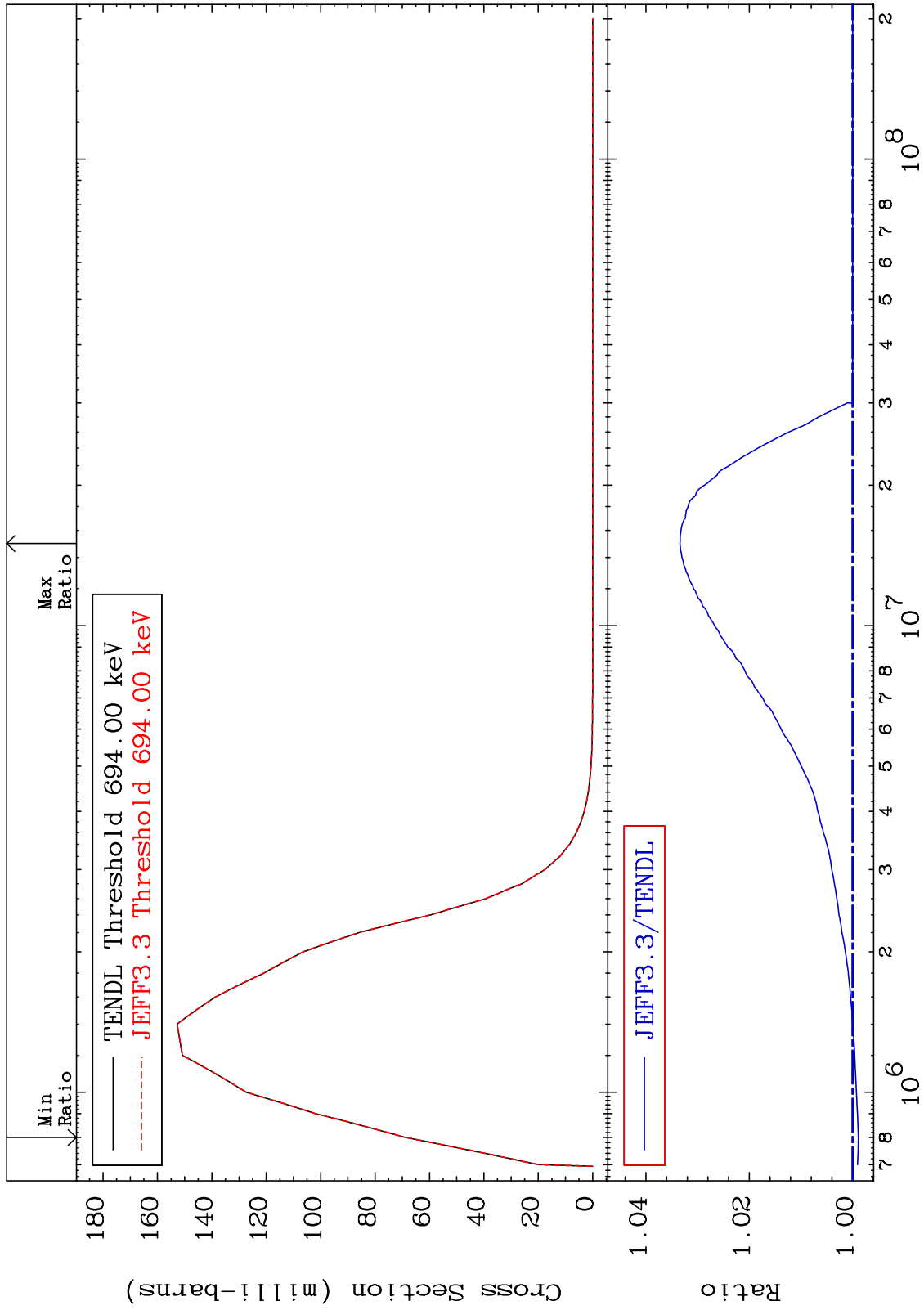
Incident Energy (eV)

76-0s-192

MAT 7649

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

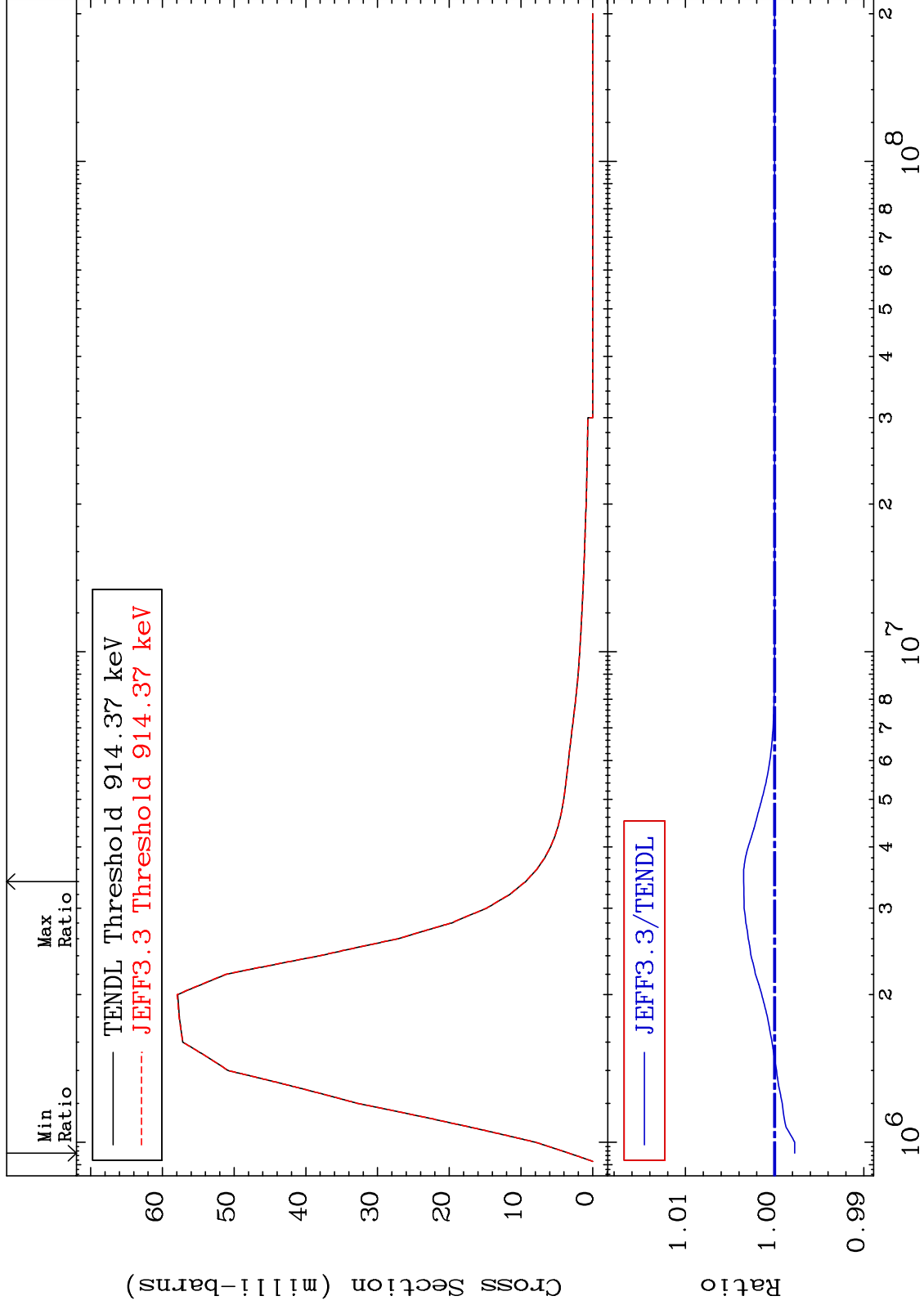
76-0s-192
-0.112 To 3.340 %



MAT 7649

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

76-0s-192
-0.226 To 0.347 %



Incident Energy (eV)

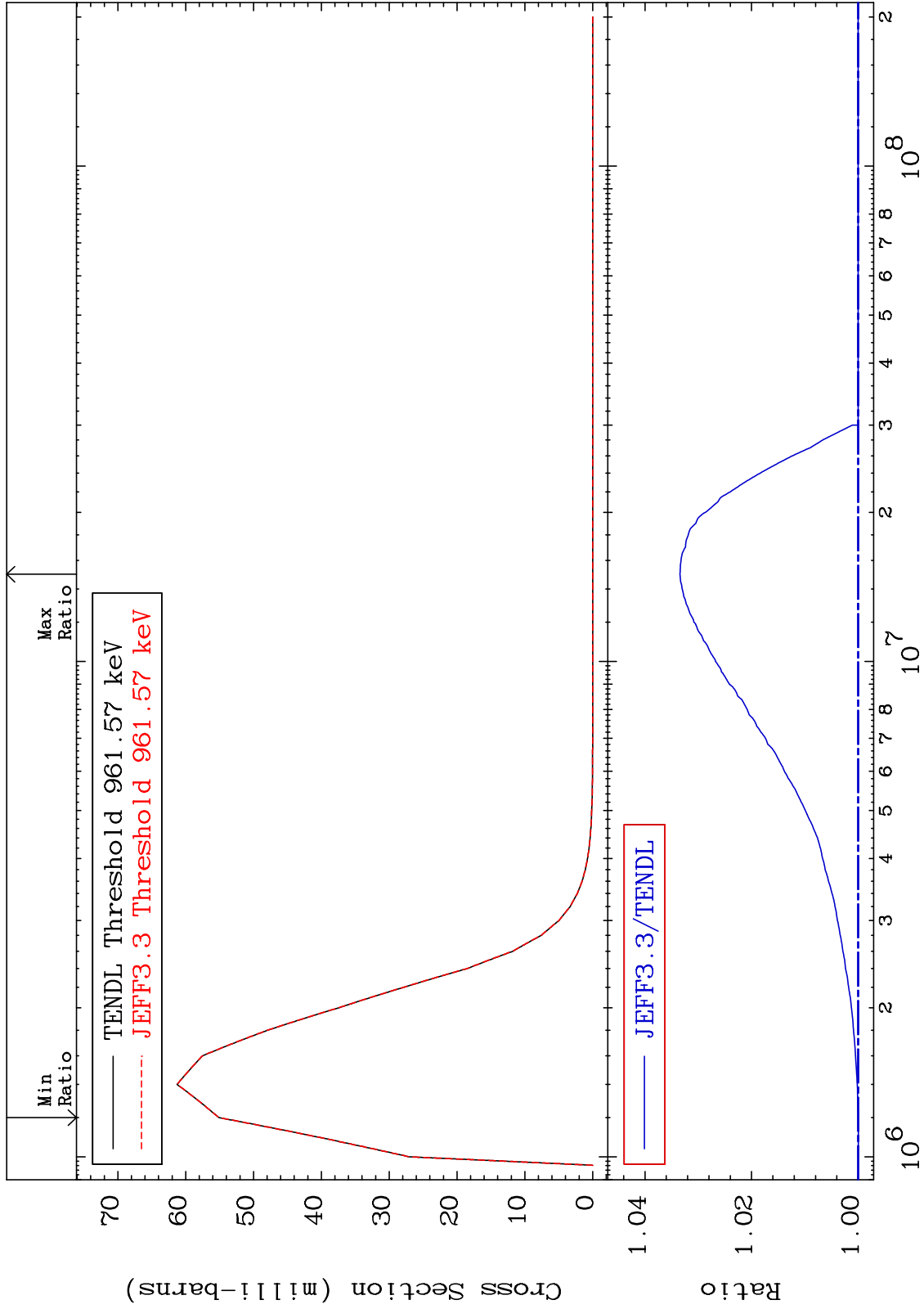
76-0s-192

22

MAT 7649

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

76-0s-192
-0.005 To 3.342 %



23

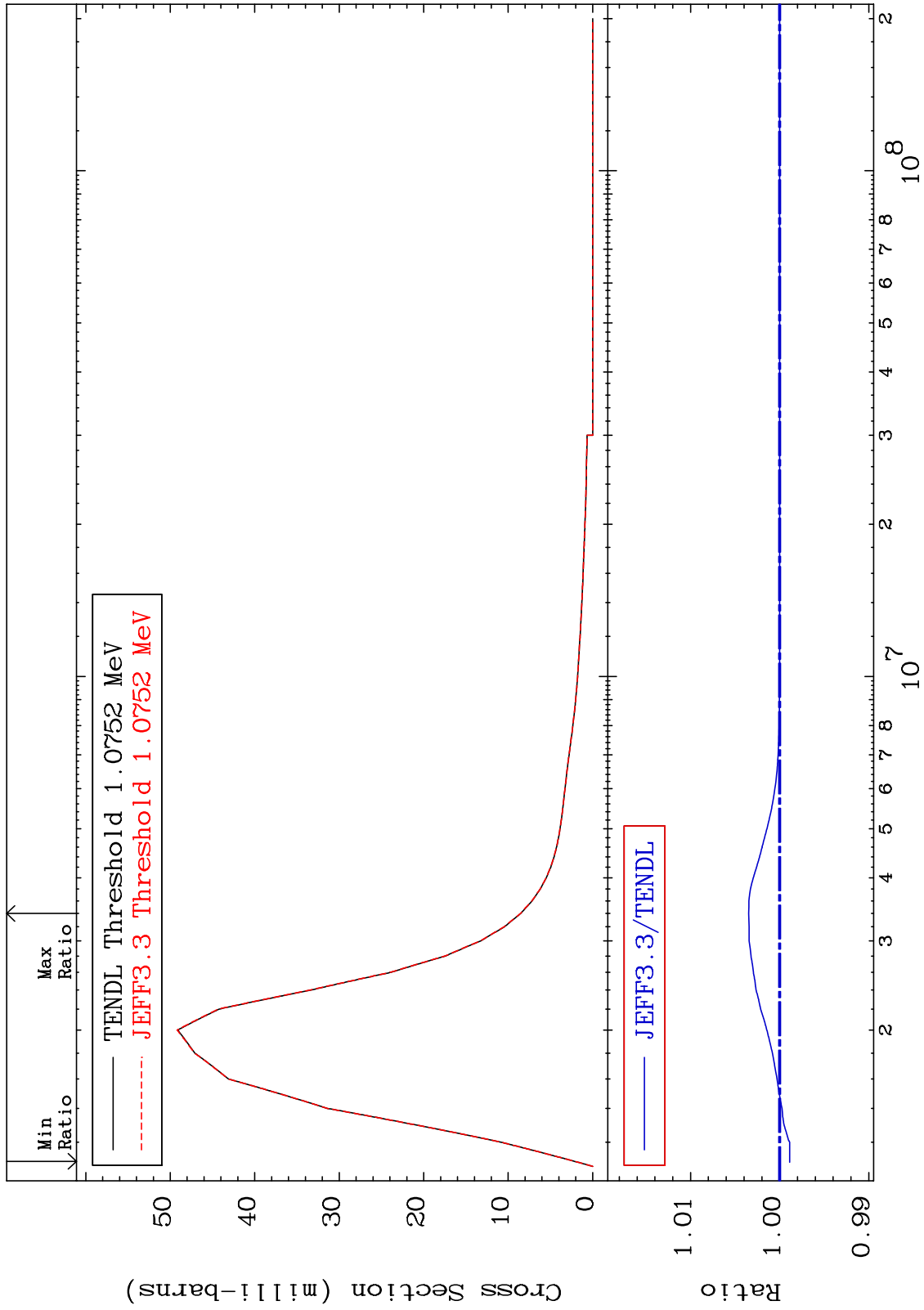
Incident Energy (eV)

76-0s-192

MAT 7649

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

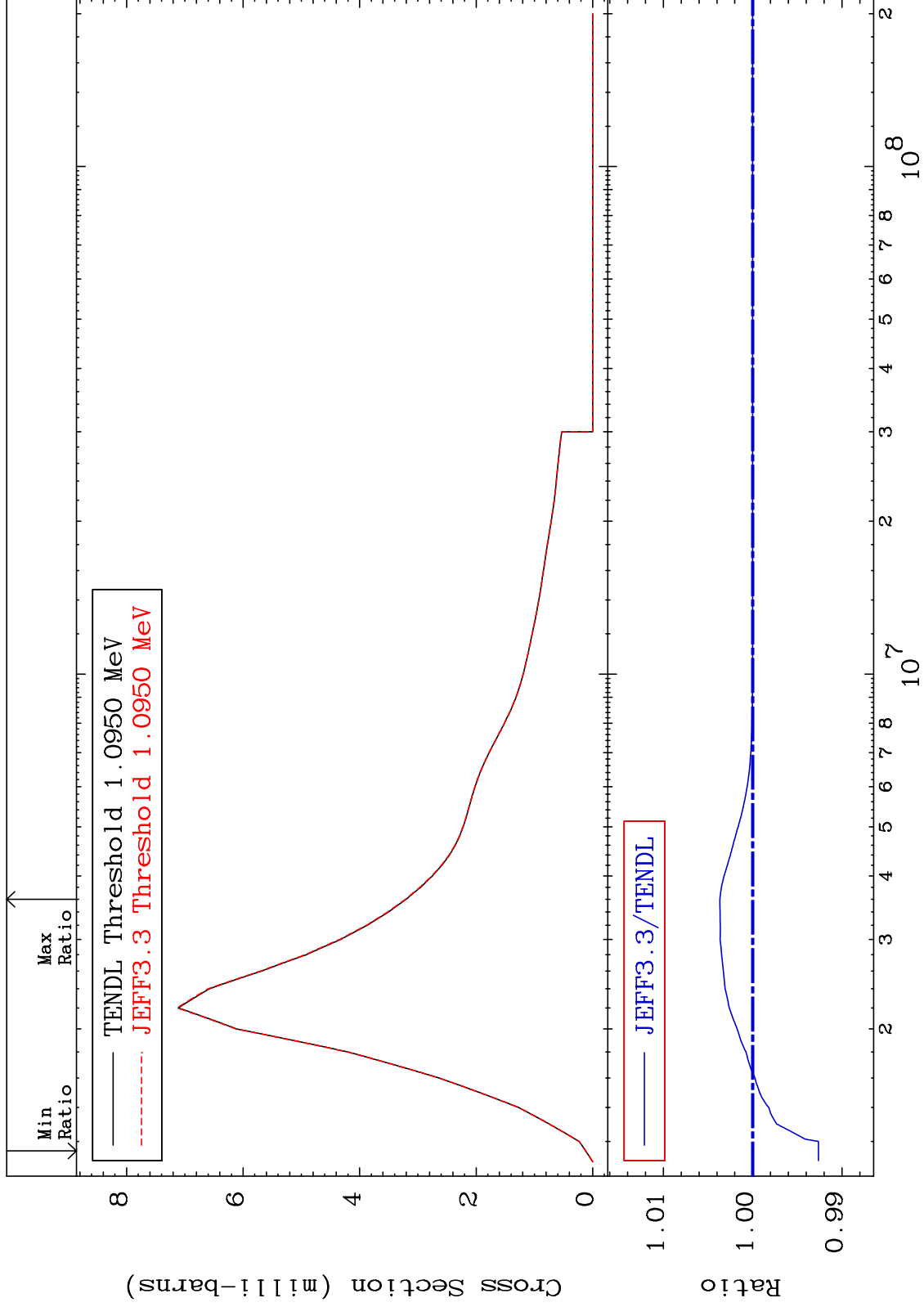
76-0s-192
-0.112 To 0.347 %



MAT 7649

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

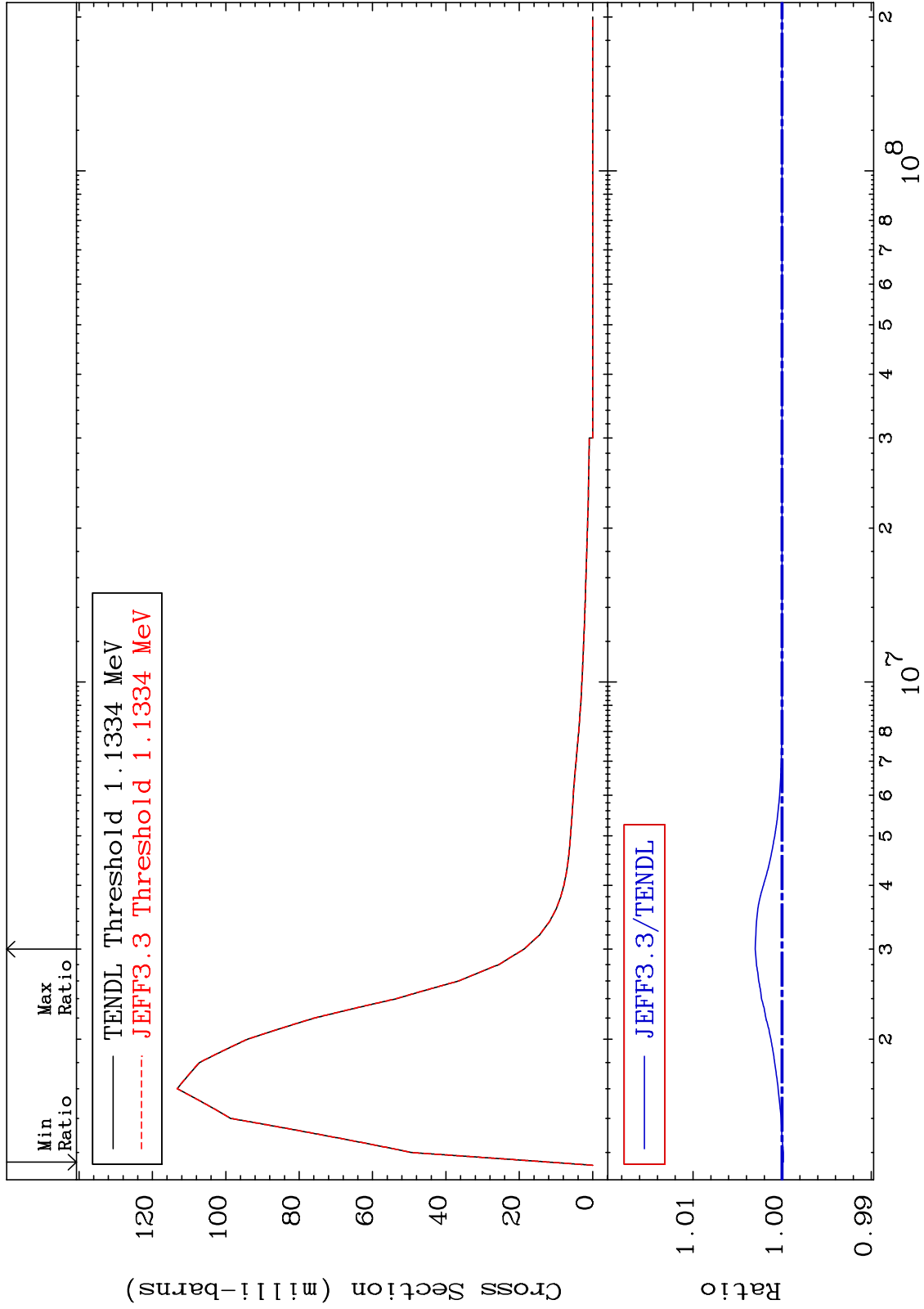
76-0s-192
-0.737 To 0.367 %



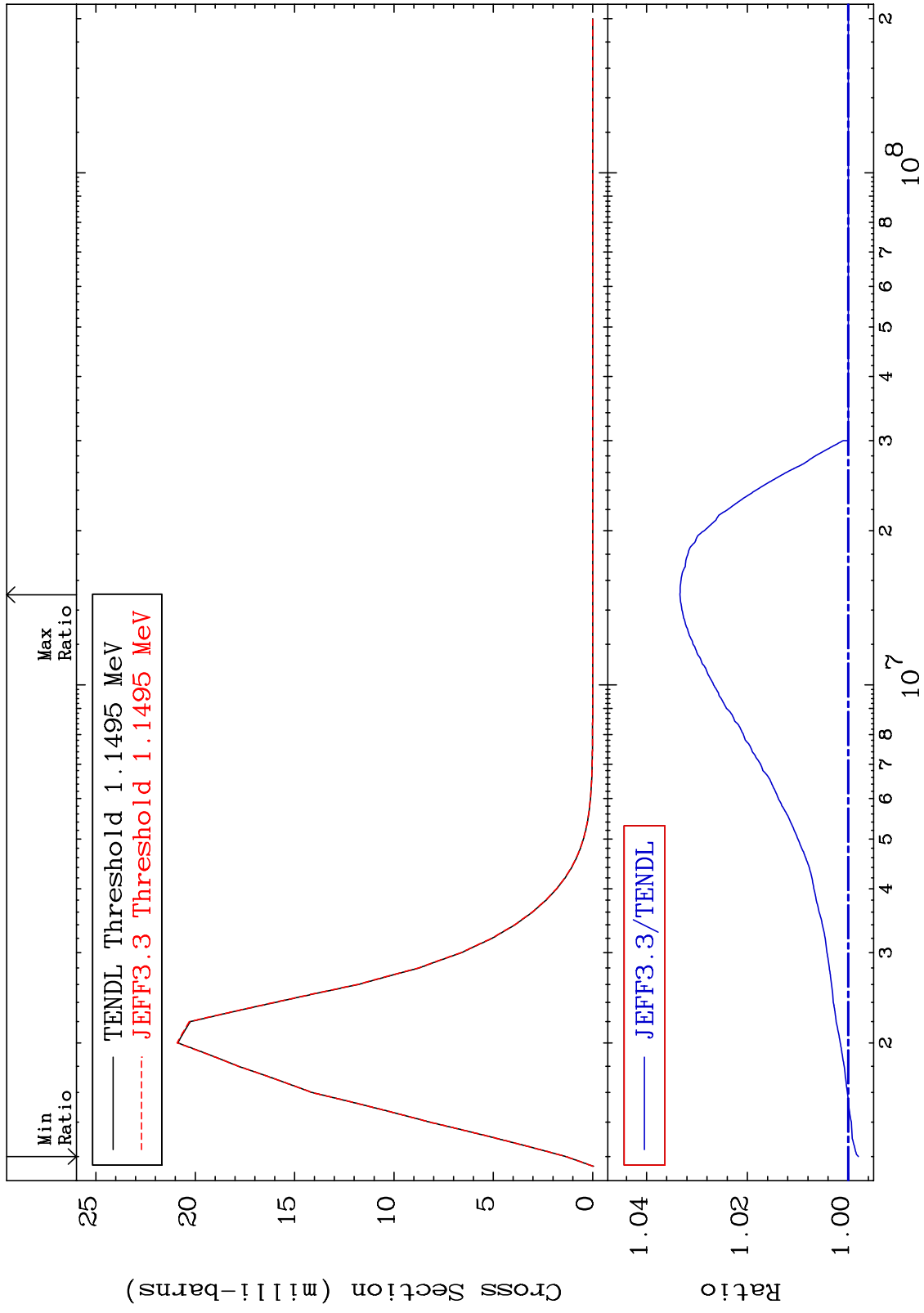
MAT 7649

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

76-0s-192
-0.013 To 0.302 %



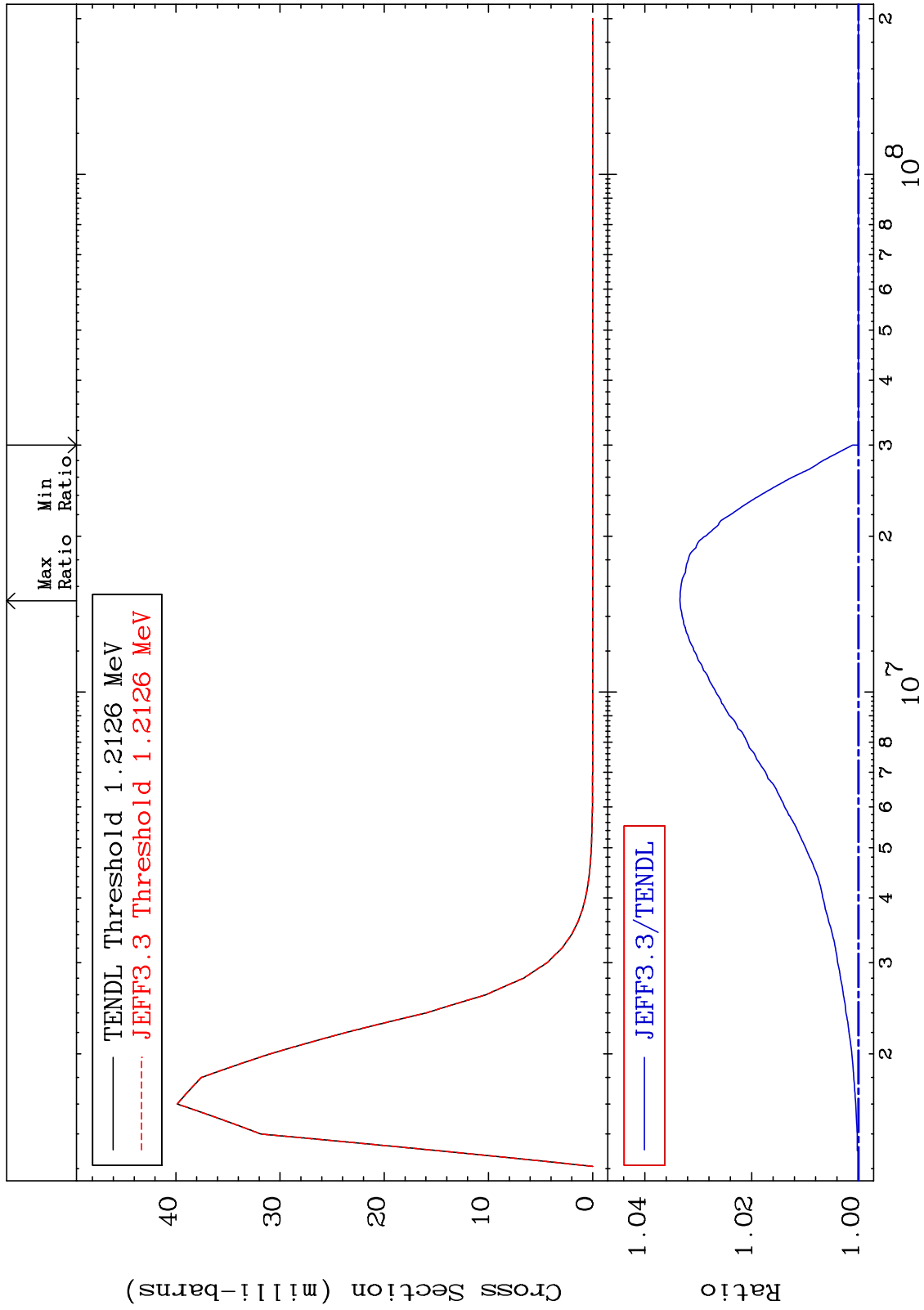
MAT 7649 MT= 60 (n,n') Level 76-0s-192
 Cross Section -0.201 To 3.337 %



MAT 7649

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

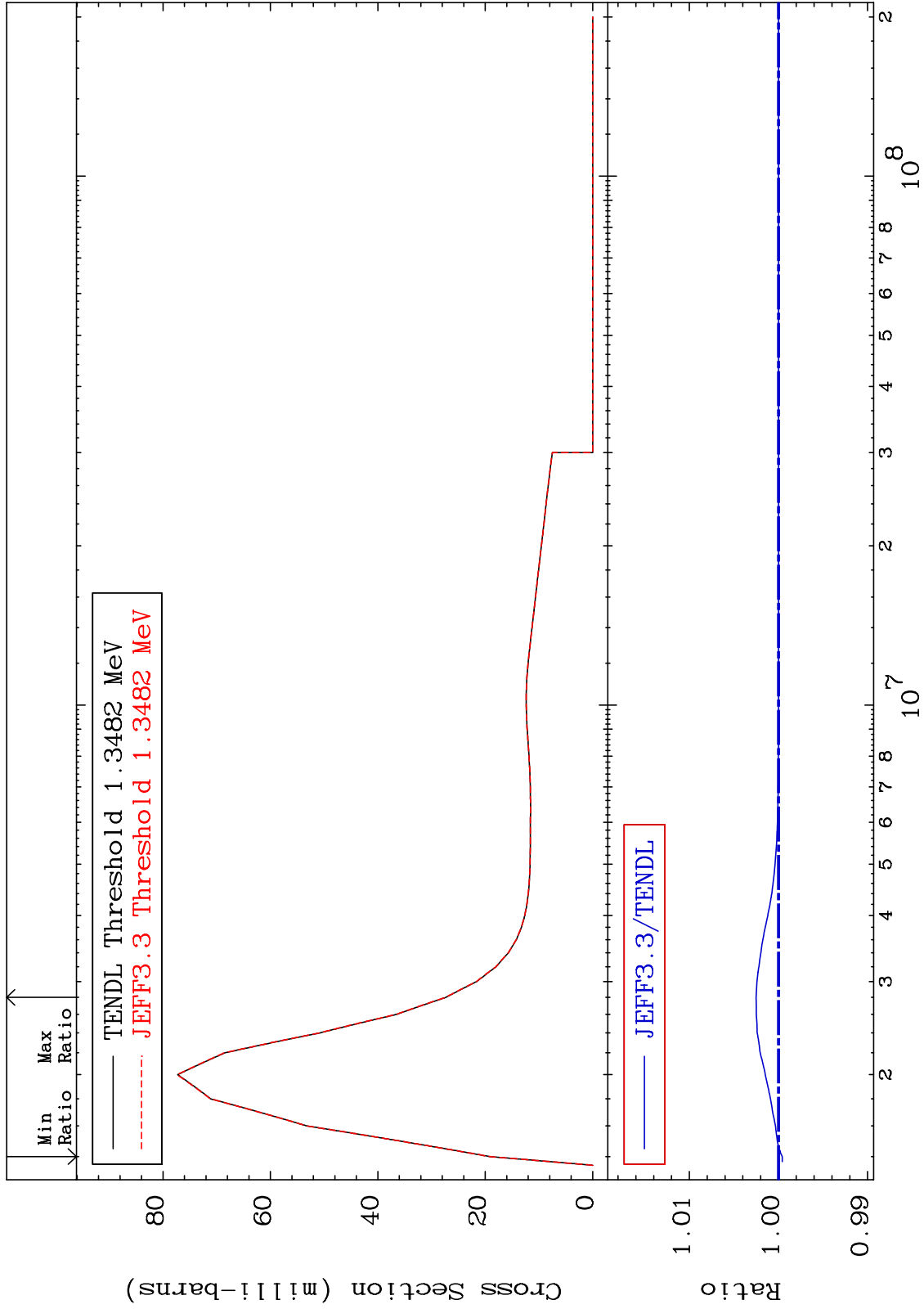
76-0s-192
0.000 To 3.342 %



MAT 7649

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

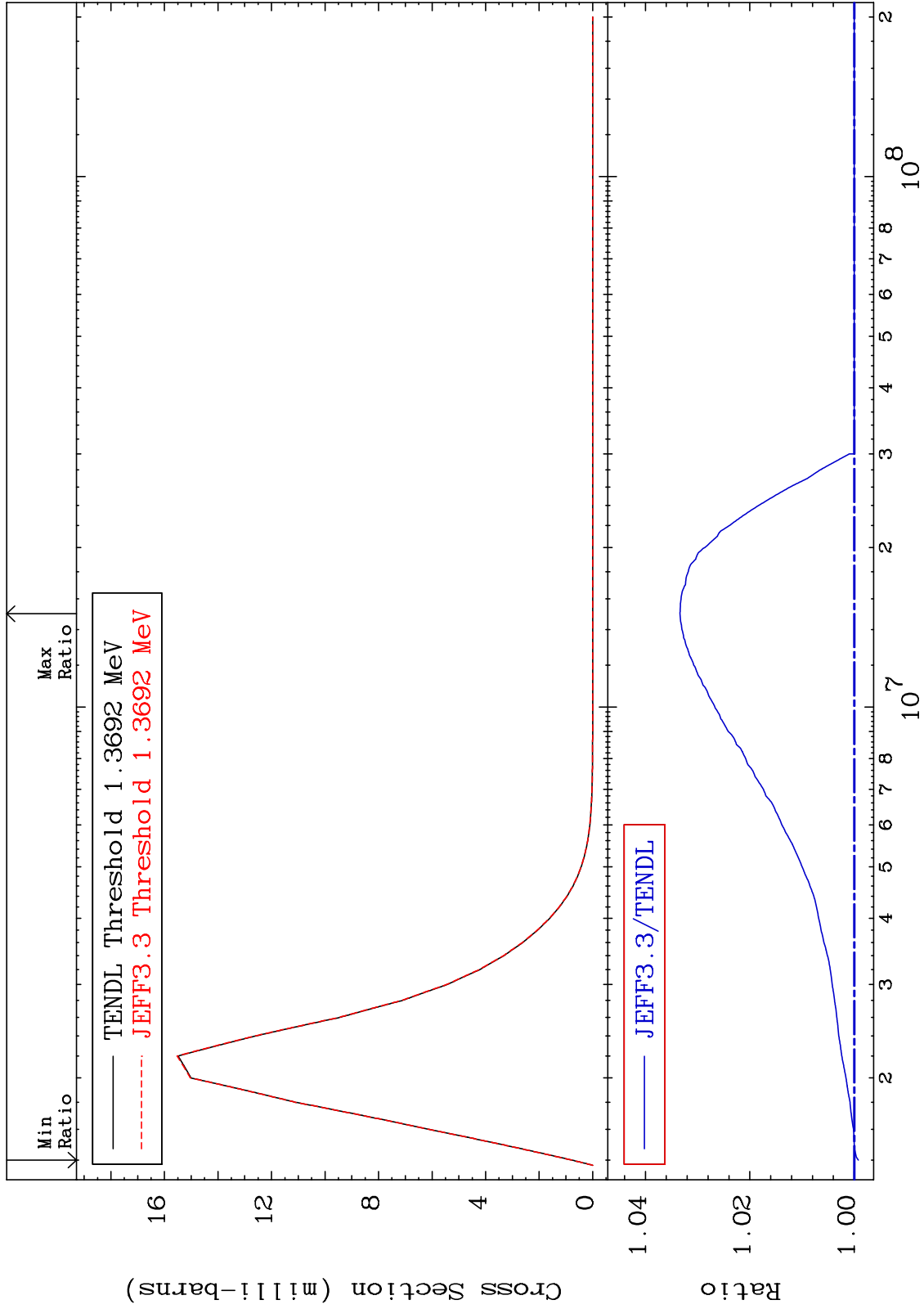
76-0s-192
-0.043 To 0.251 %

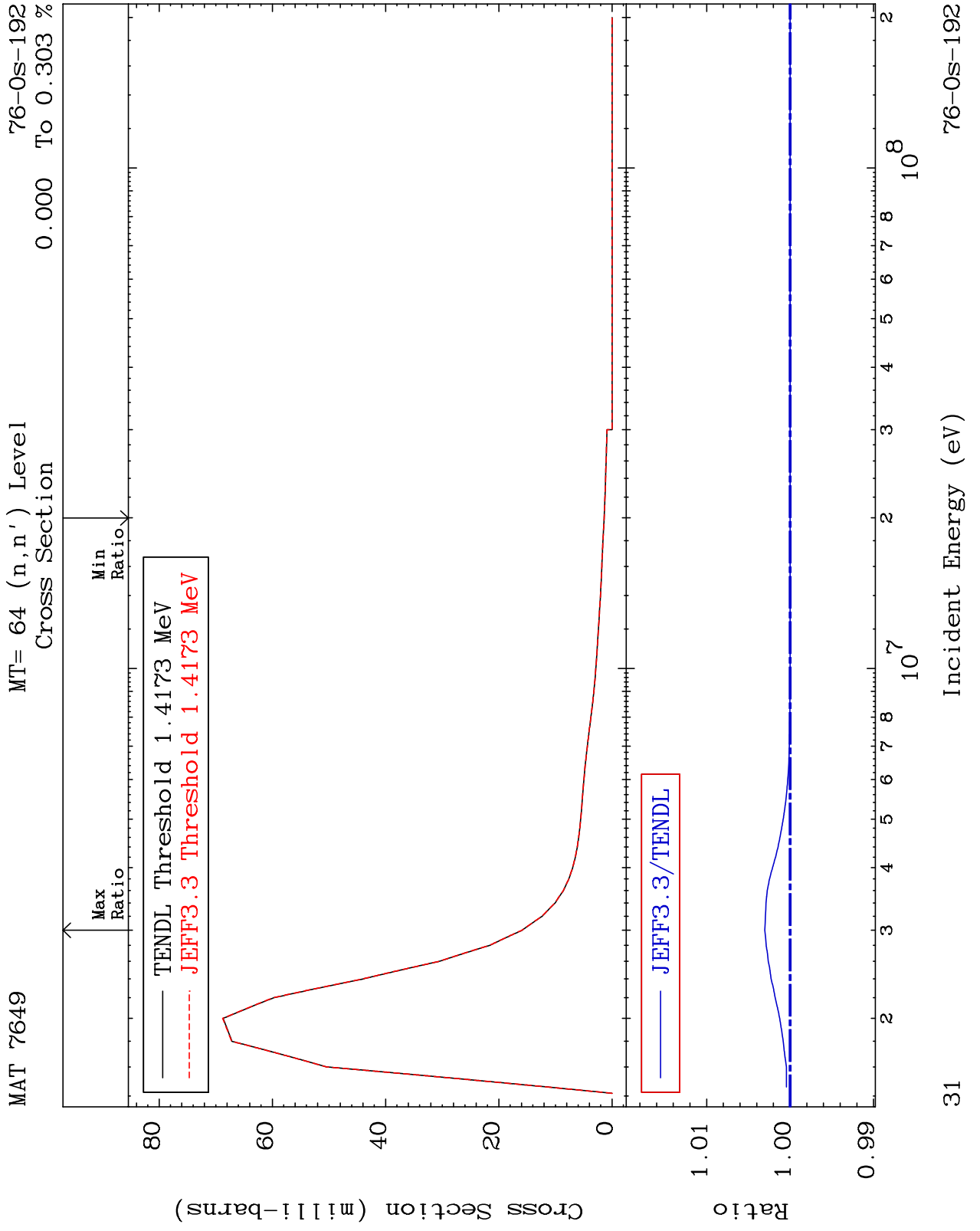


MAT 7649

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

76-0s-192
-0.080 To 3.337 %

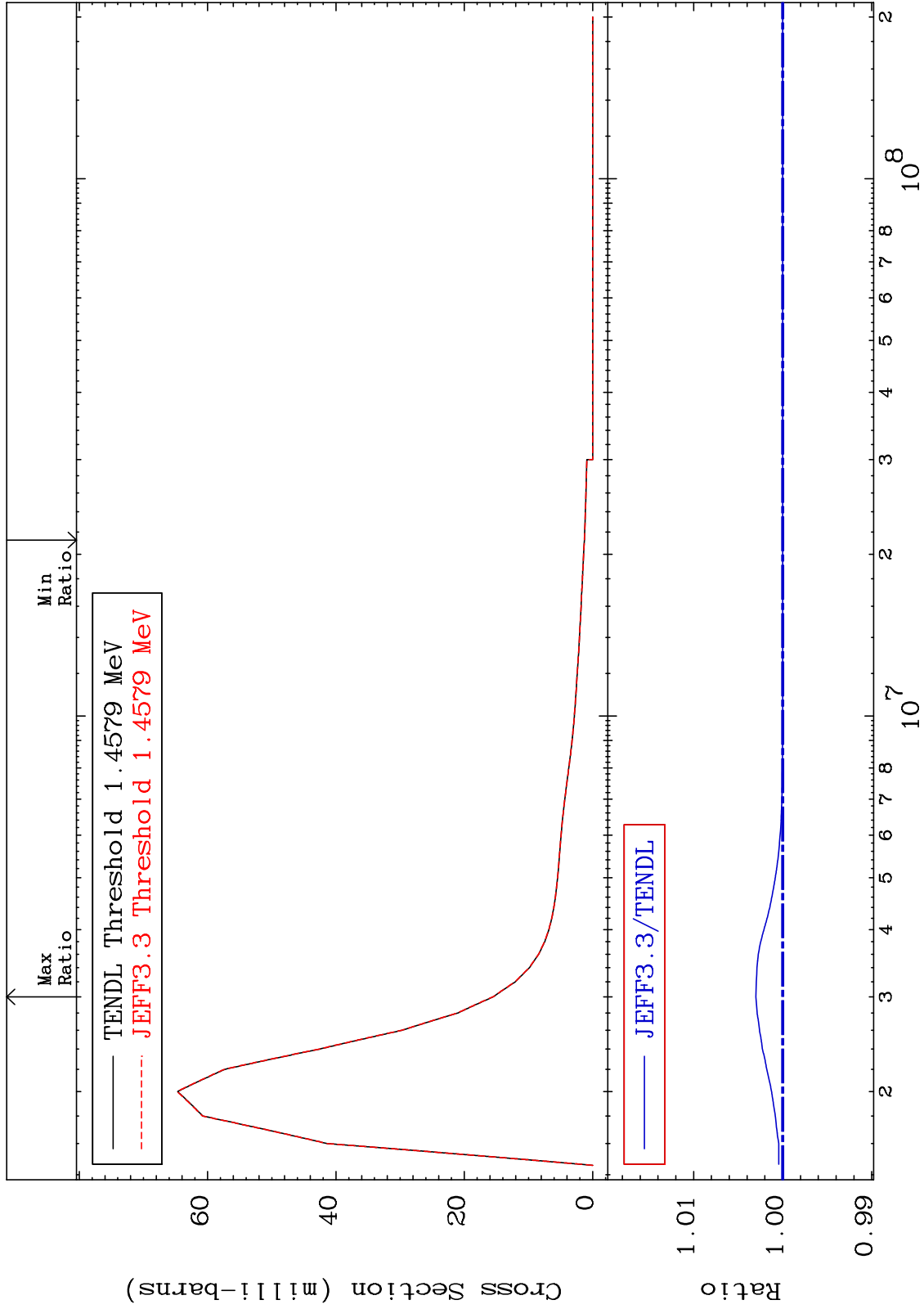


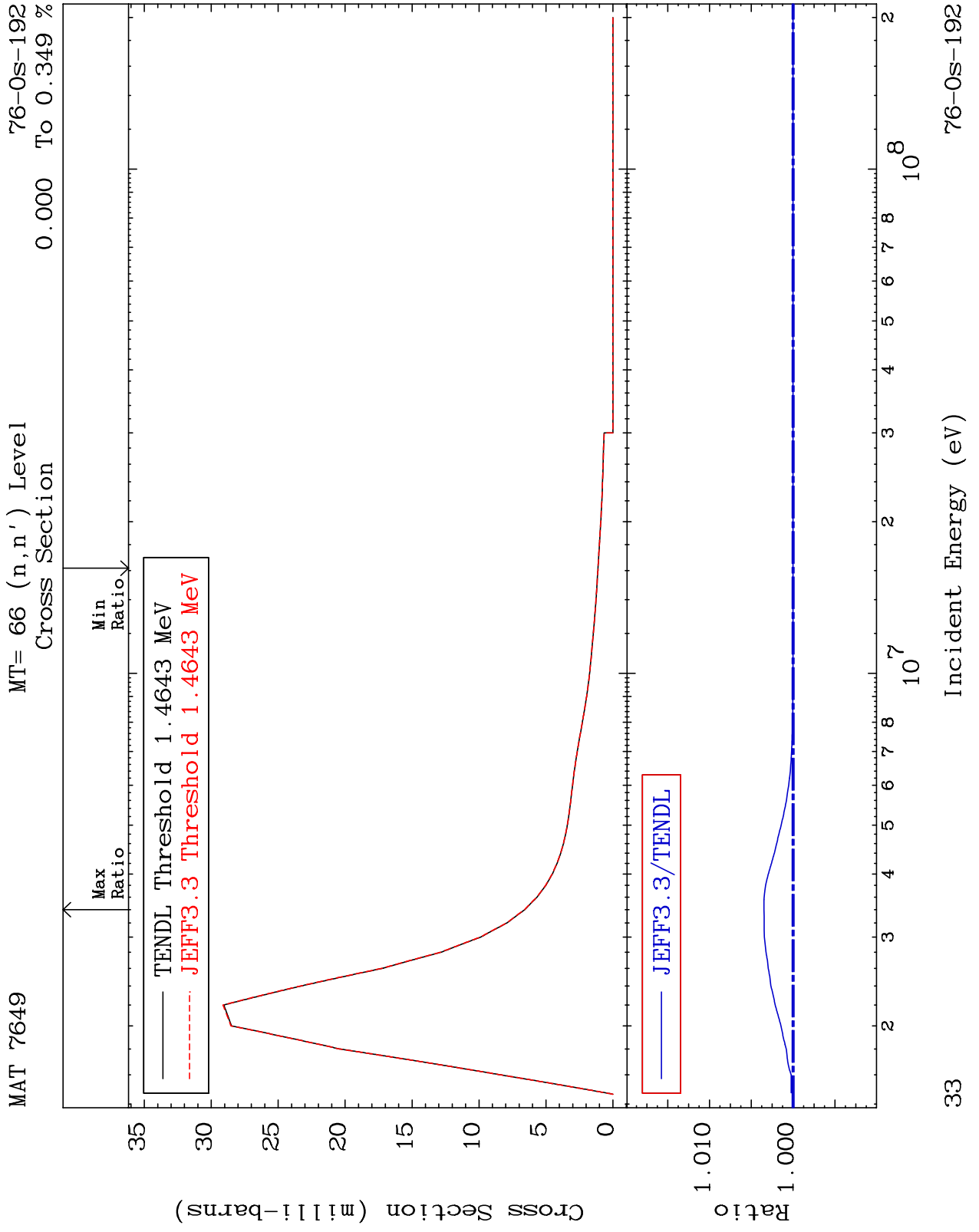


MAT 7649

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

76-0s-192
0.000 To 0.302 %

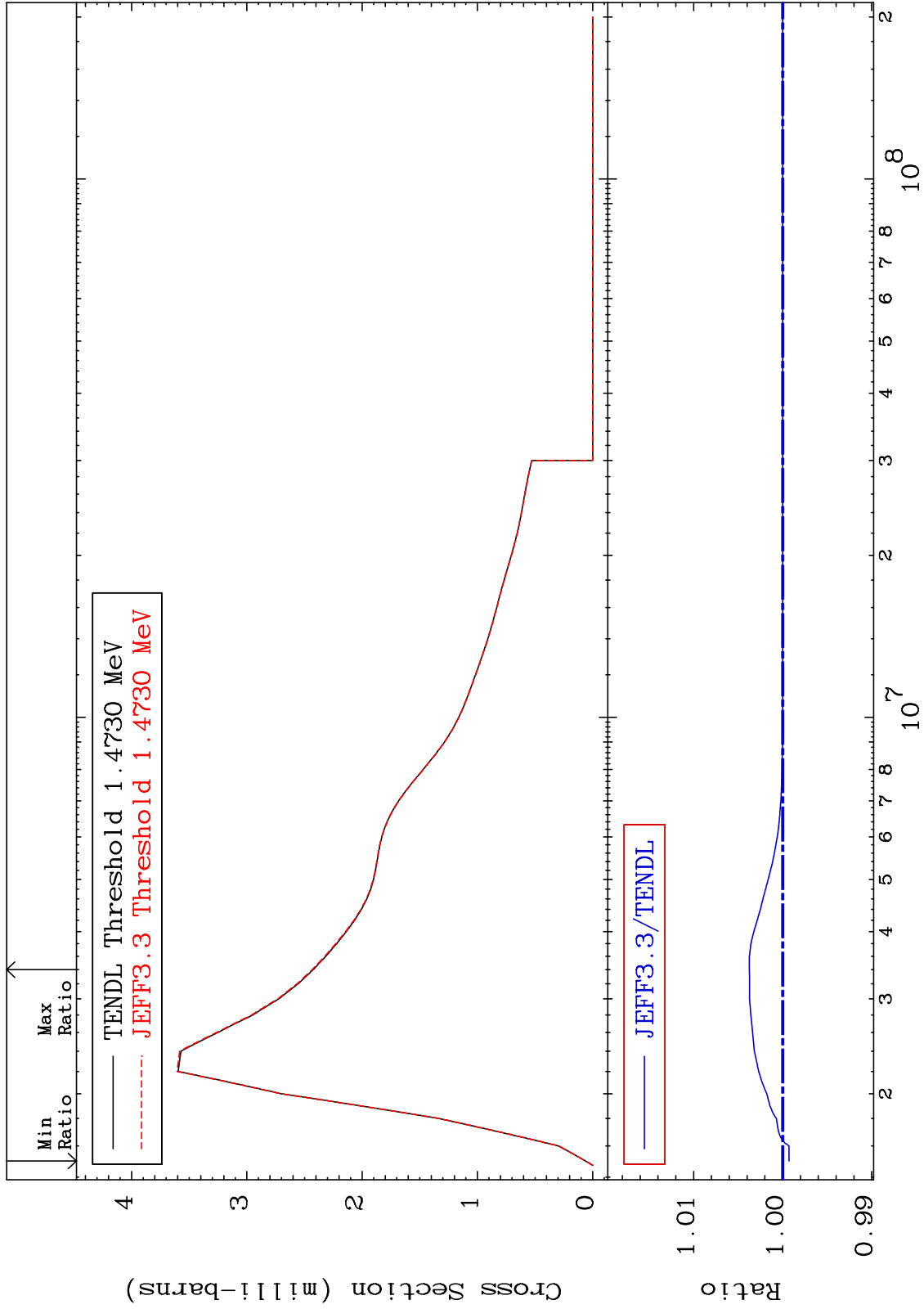




MAT 7649

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

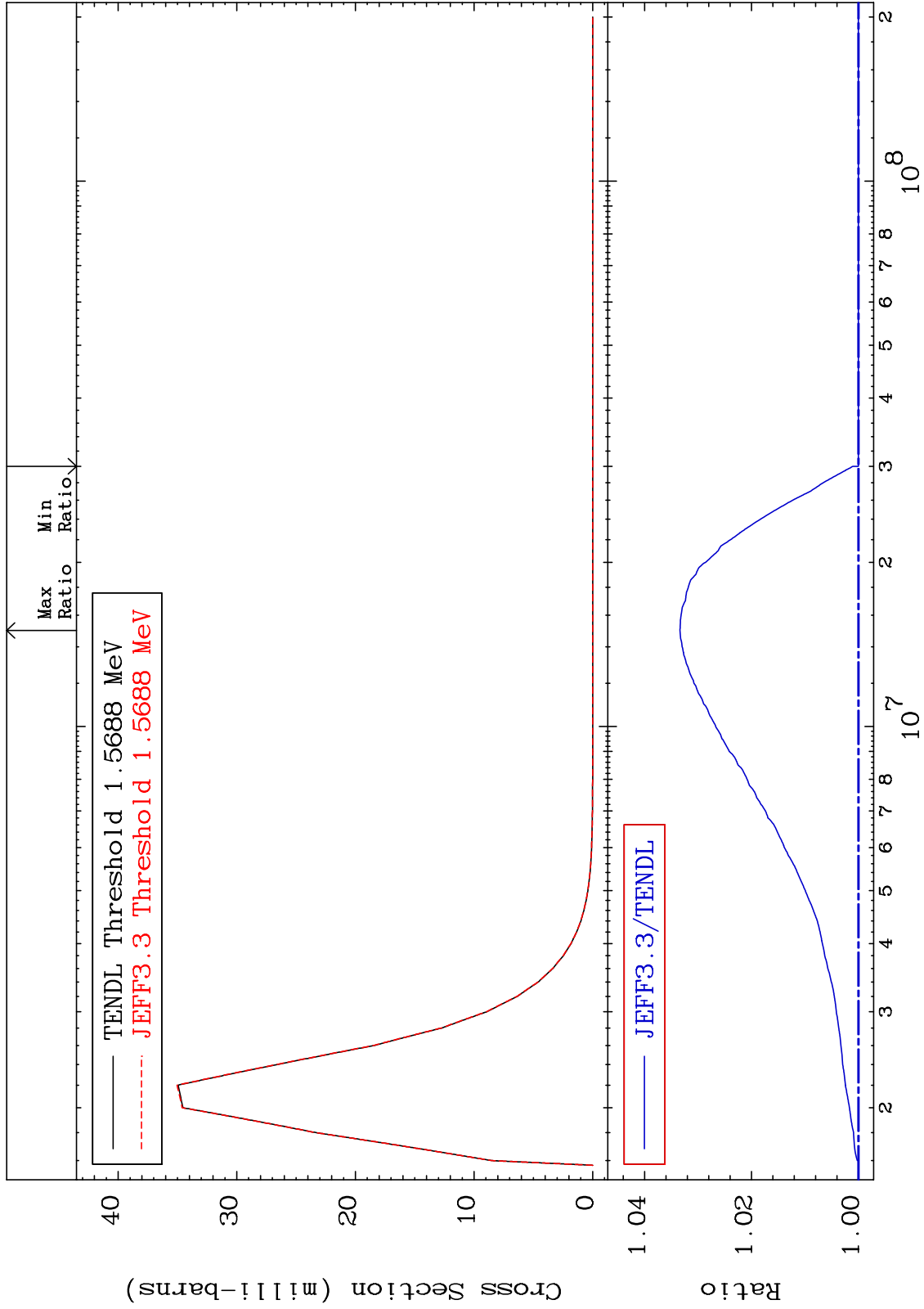
76-0s-192
-0.071 To 0.374 %



MAT 7649

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

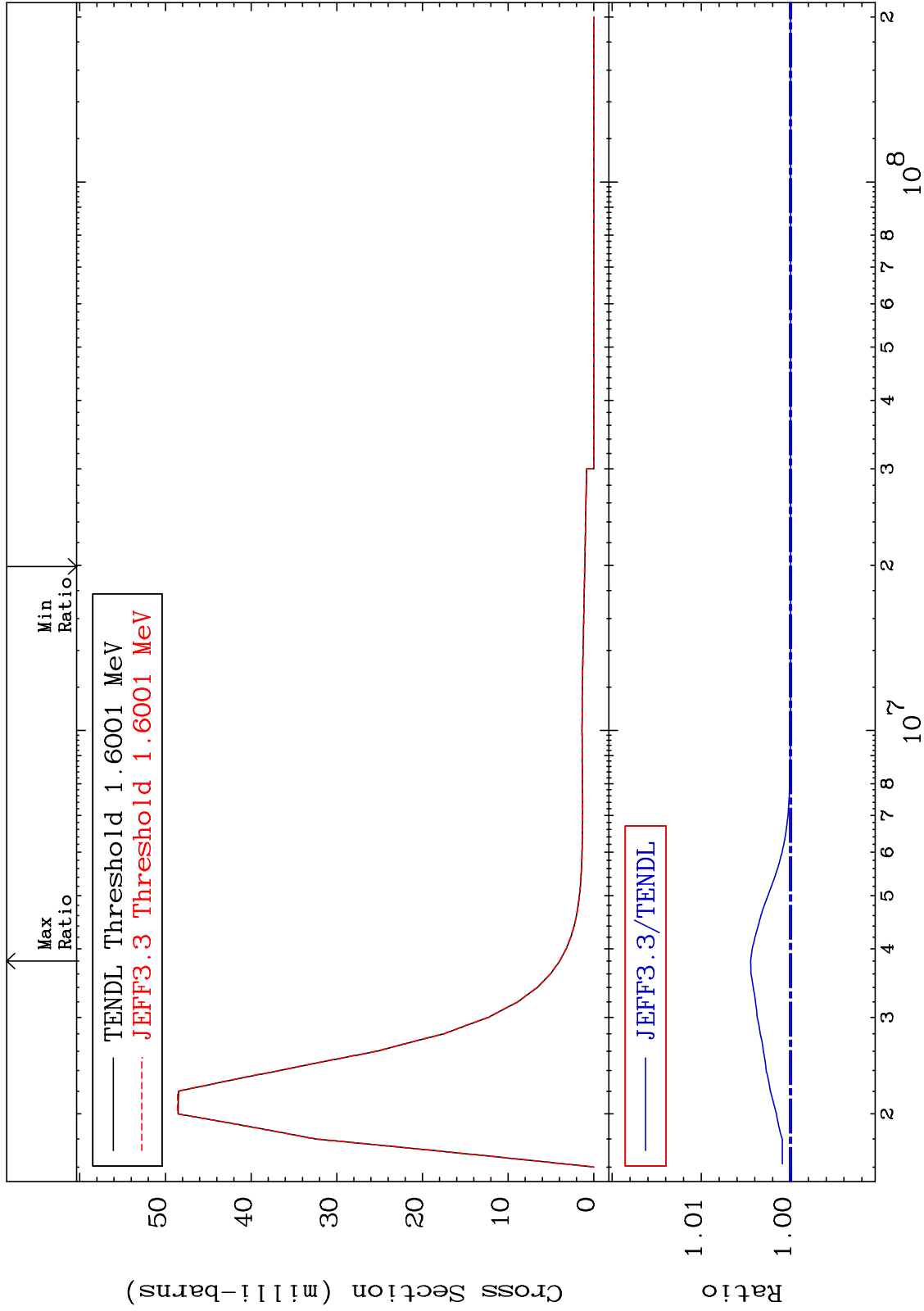
76-0s-192
0.000 To 3.339 %

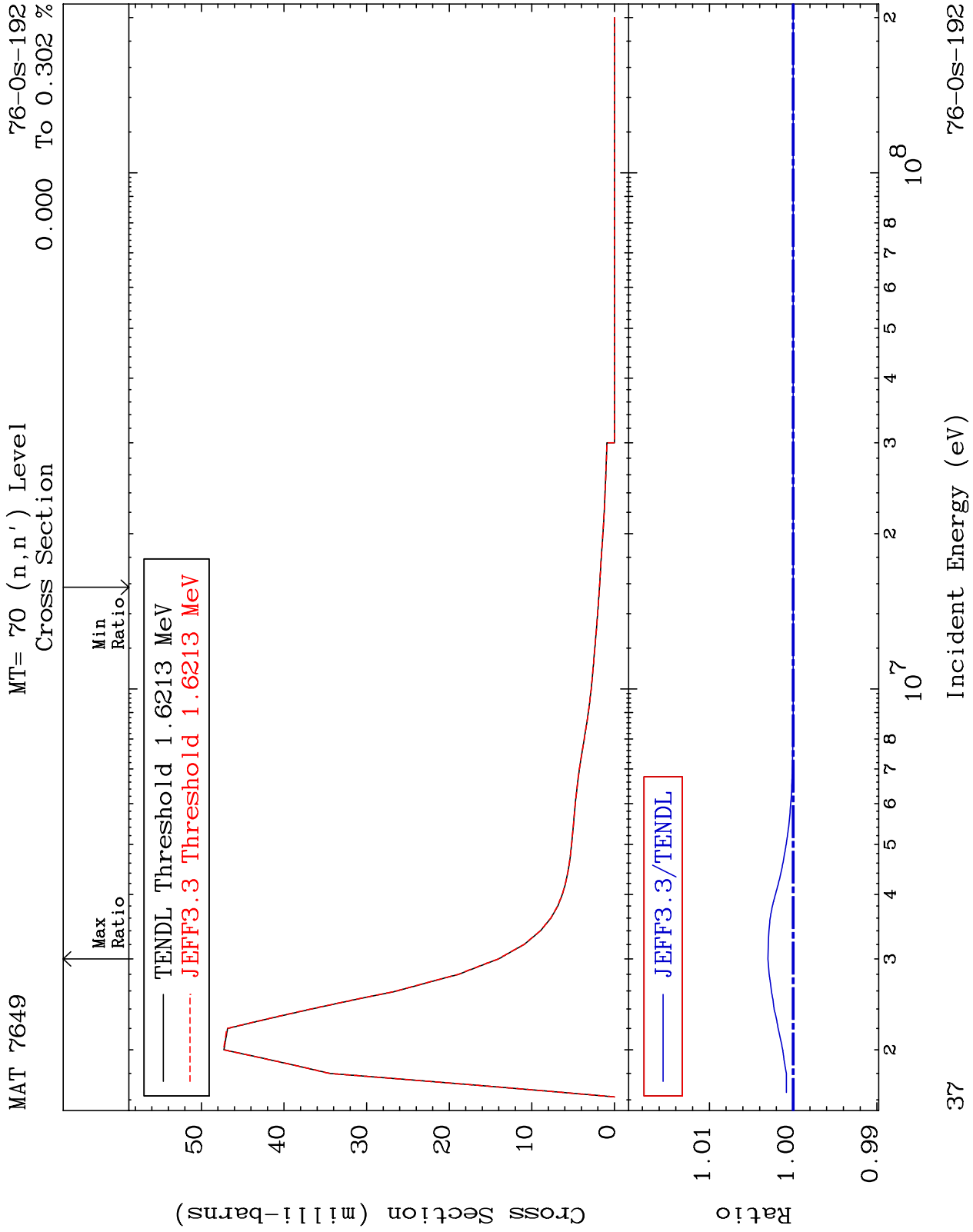


MAT 7649

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

76-0s-192
0.000 To 0.447 %

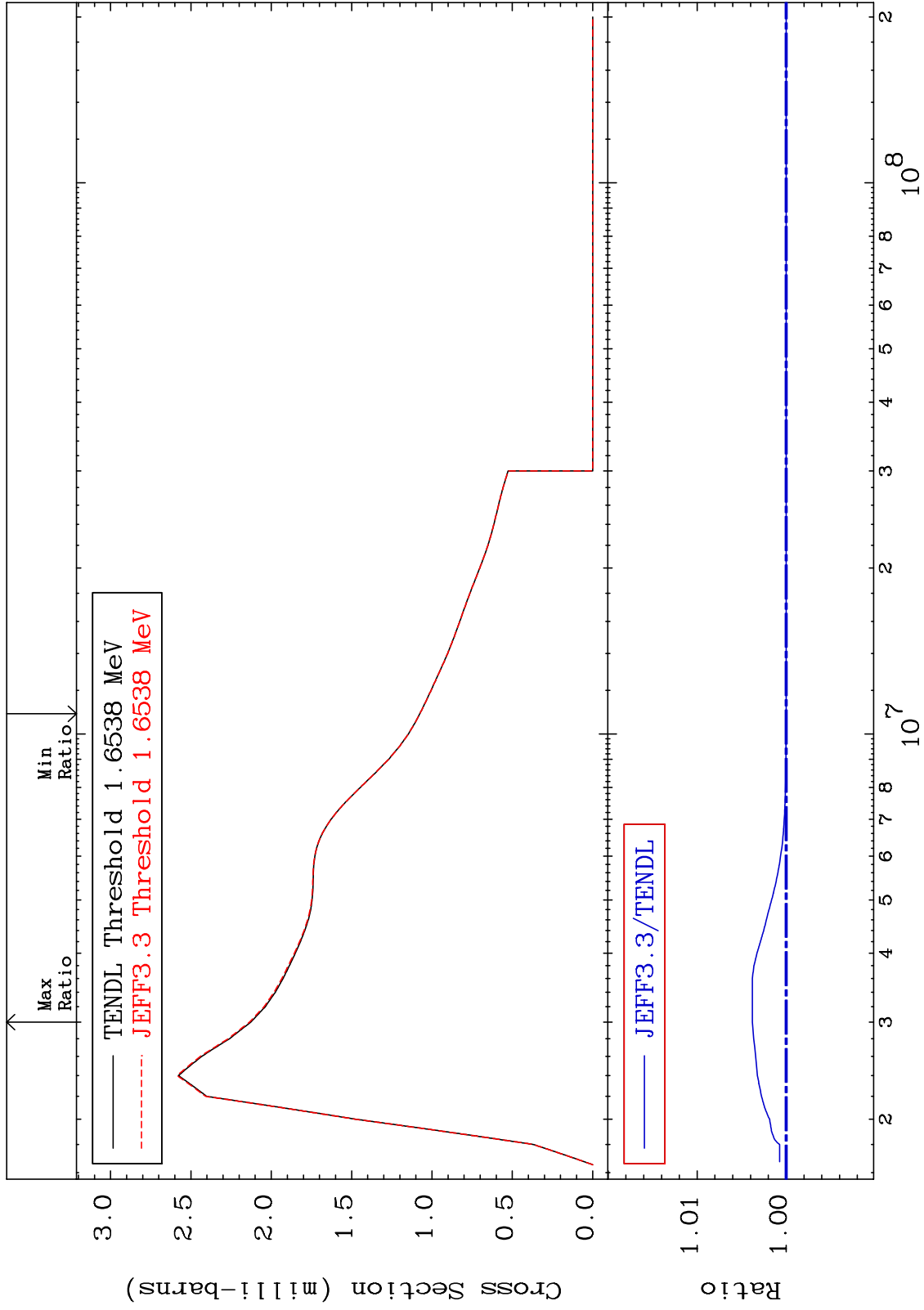




MAT 7649

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

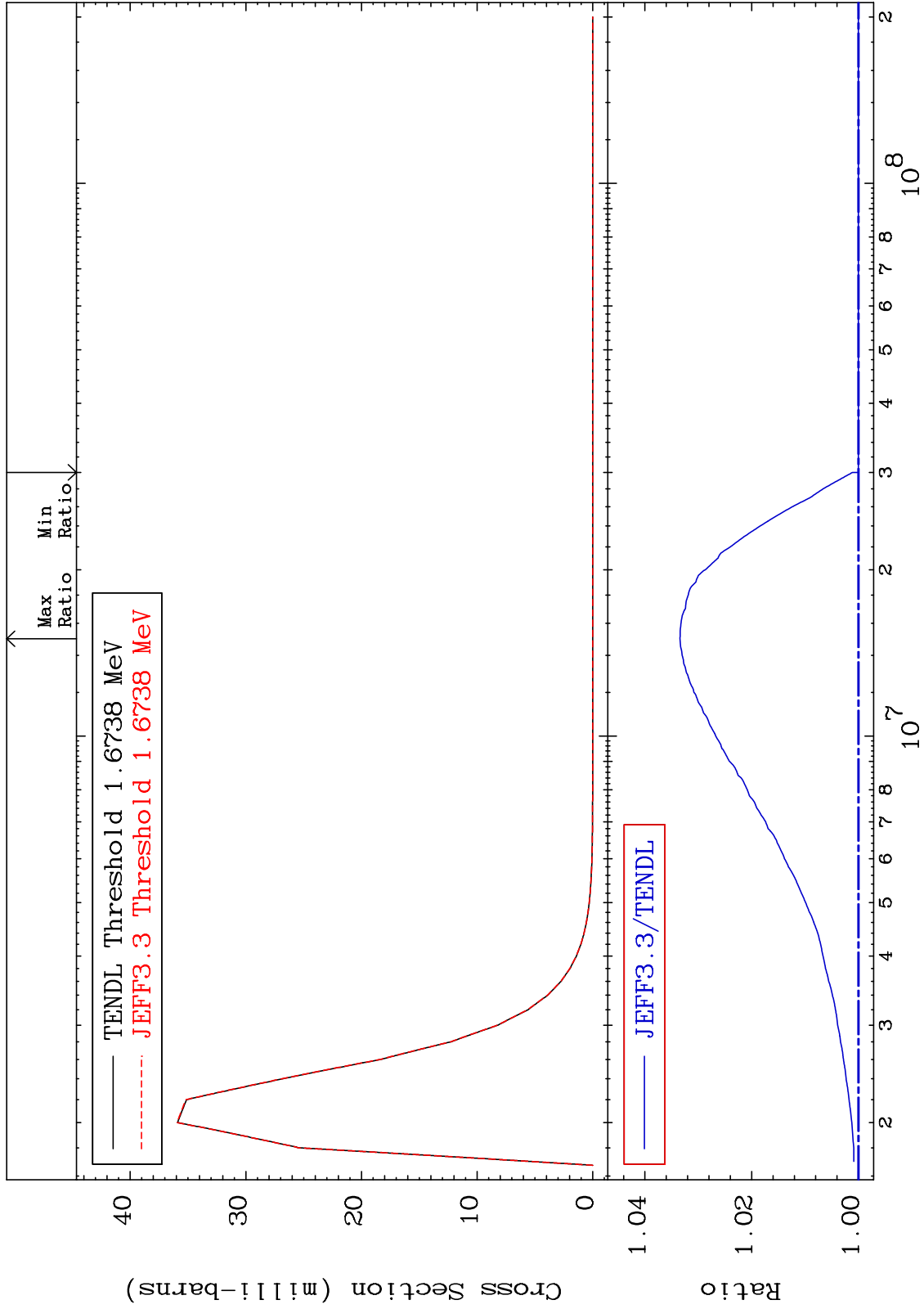
76-0s-192
0.000 To 0.381 %



MAT 7649

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

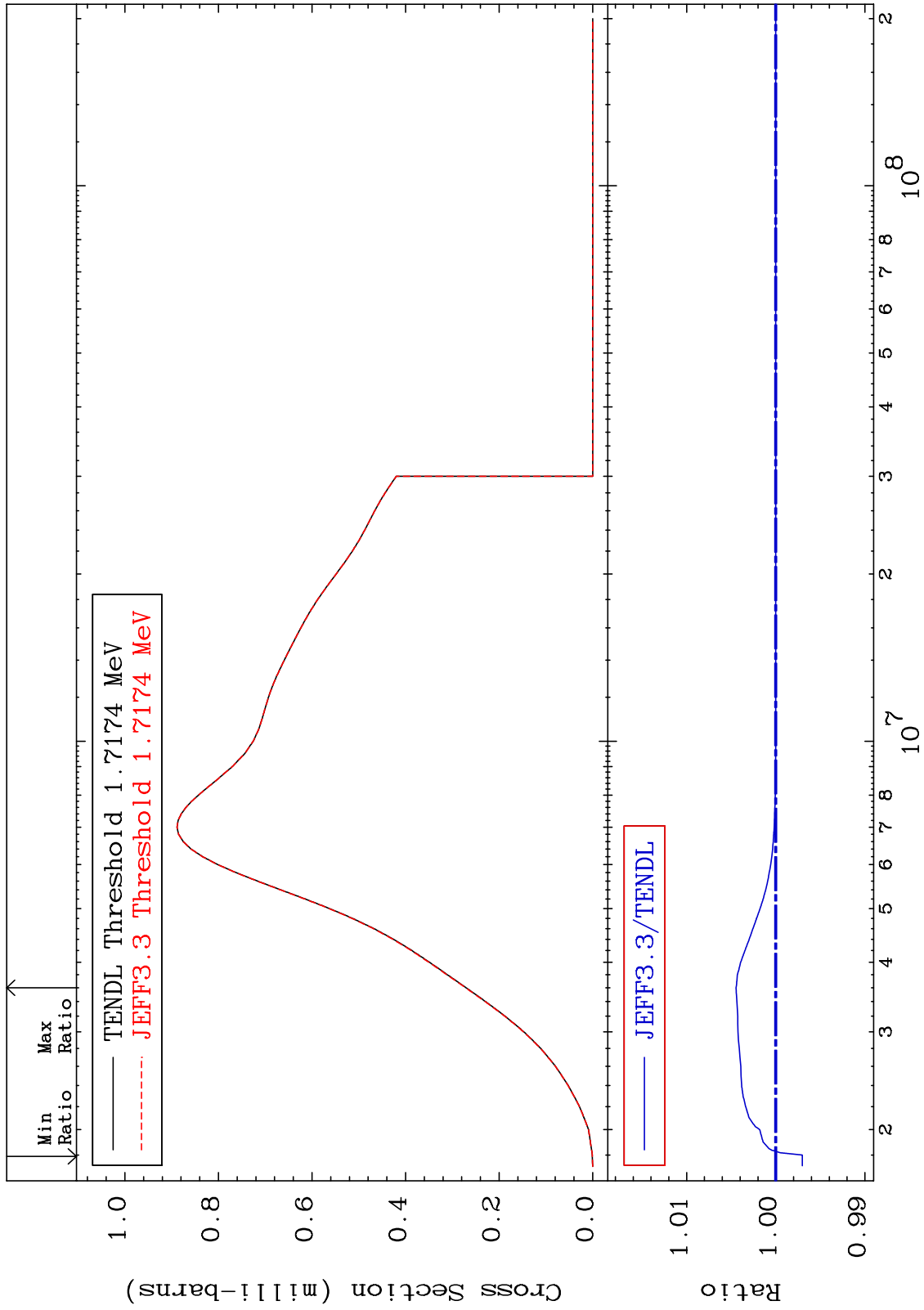
76-0s-192
0.000 To 3.343 %



MAT 7649

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

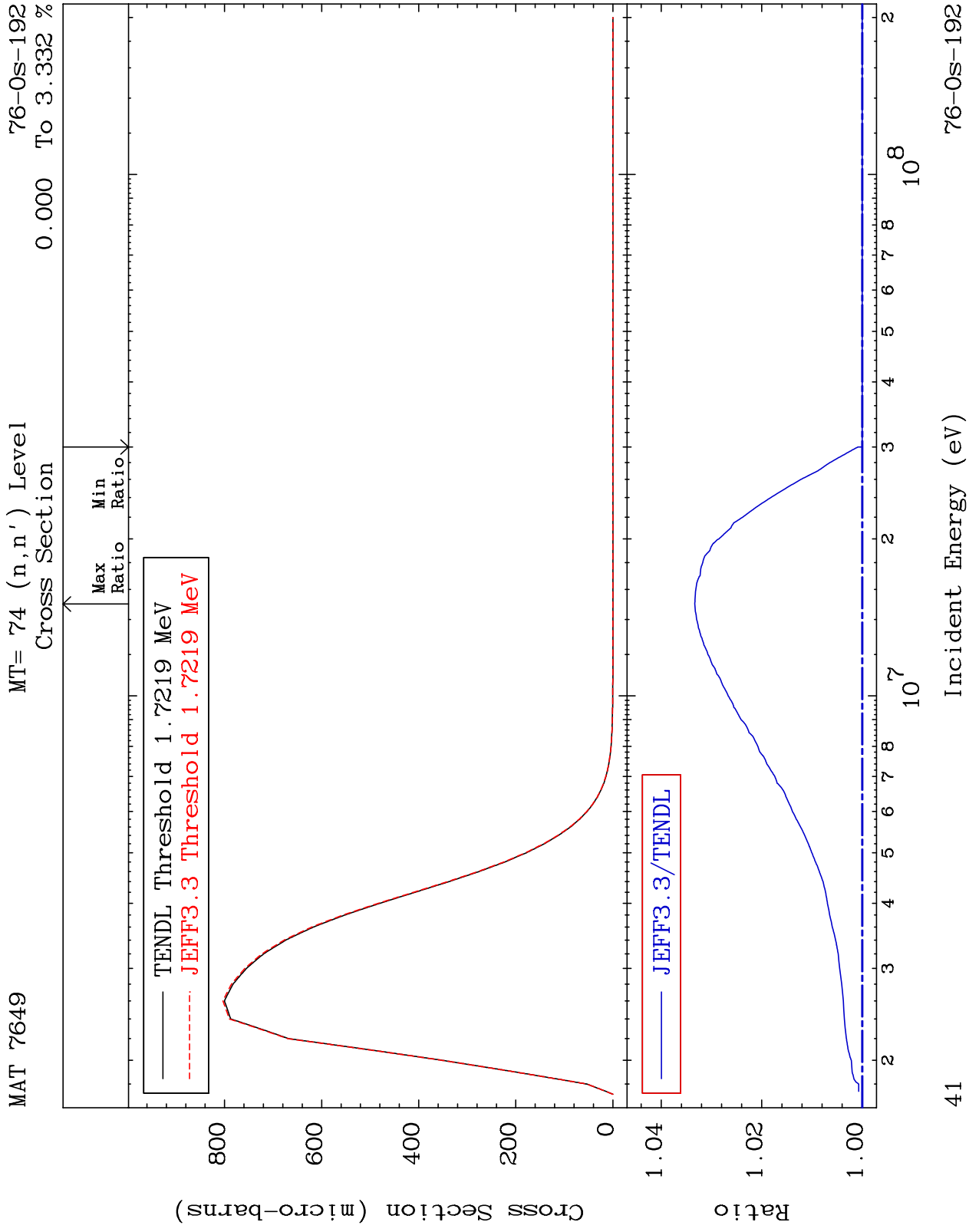
76-0s-192
-0.298 To 0.445 %



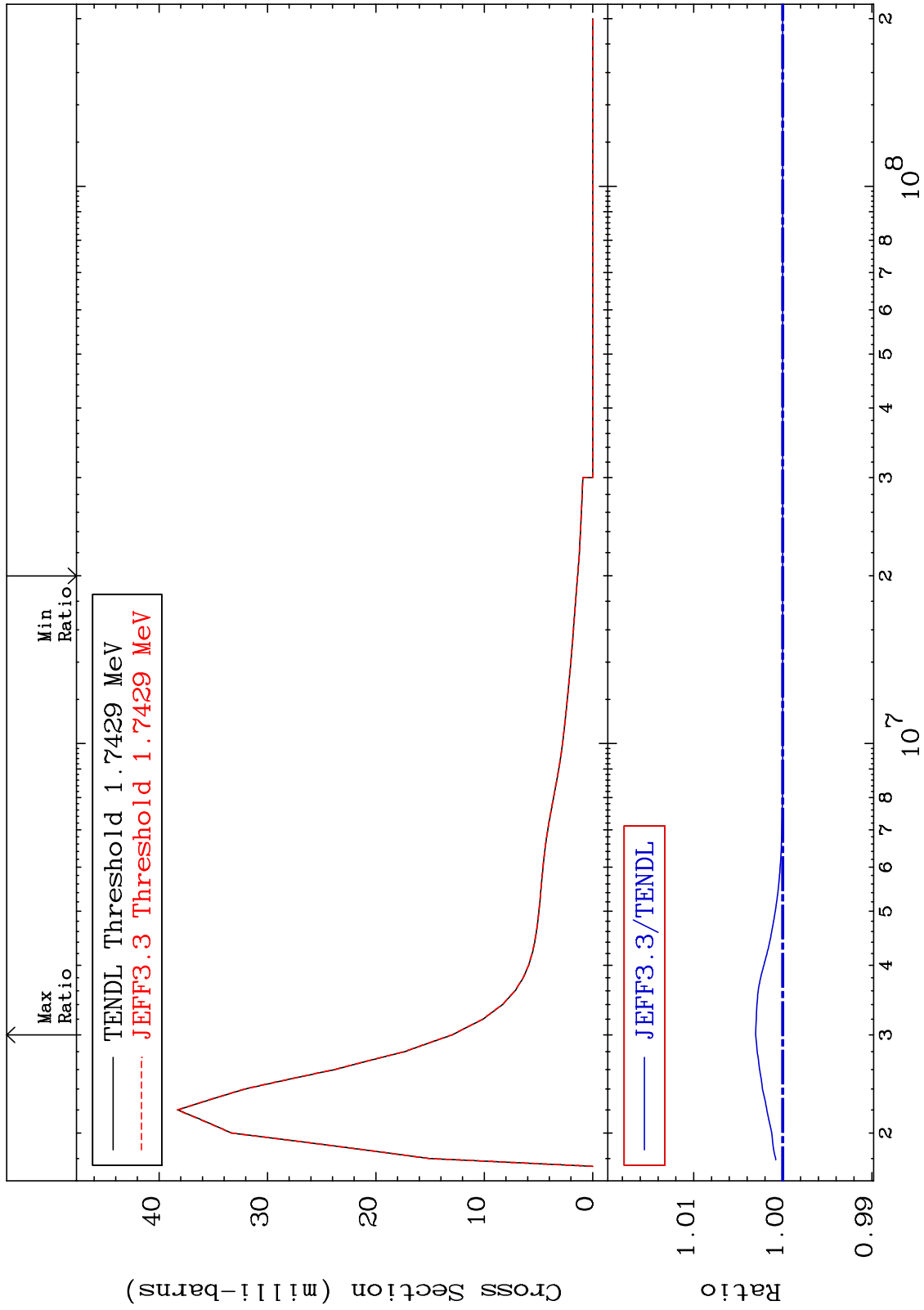
40

Incident Energy (eV)

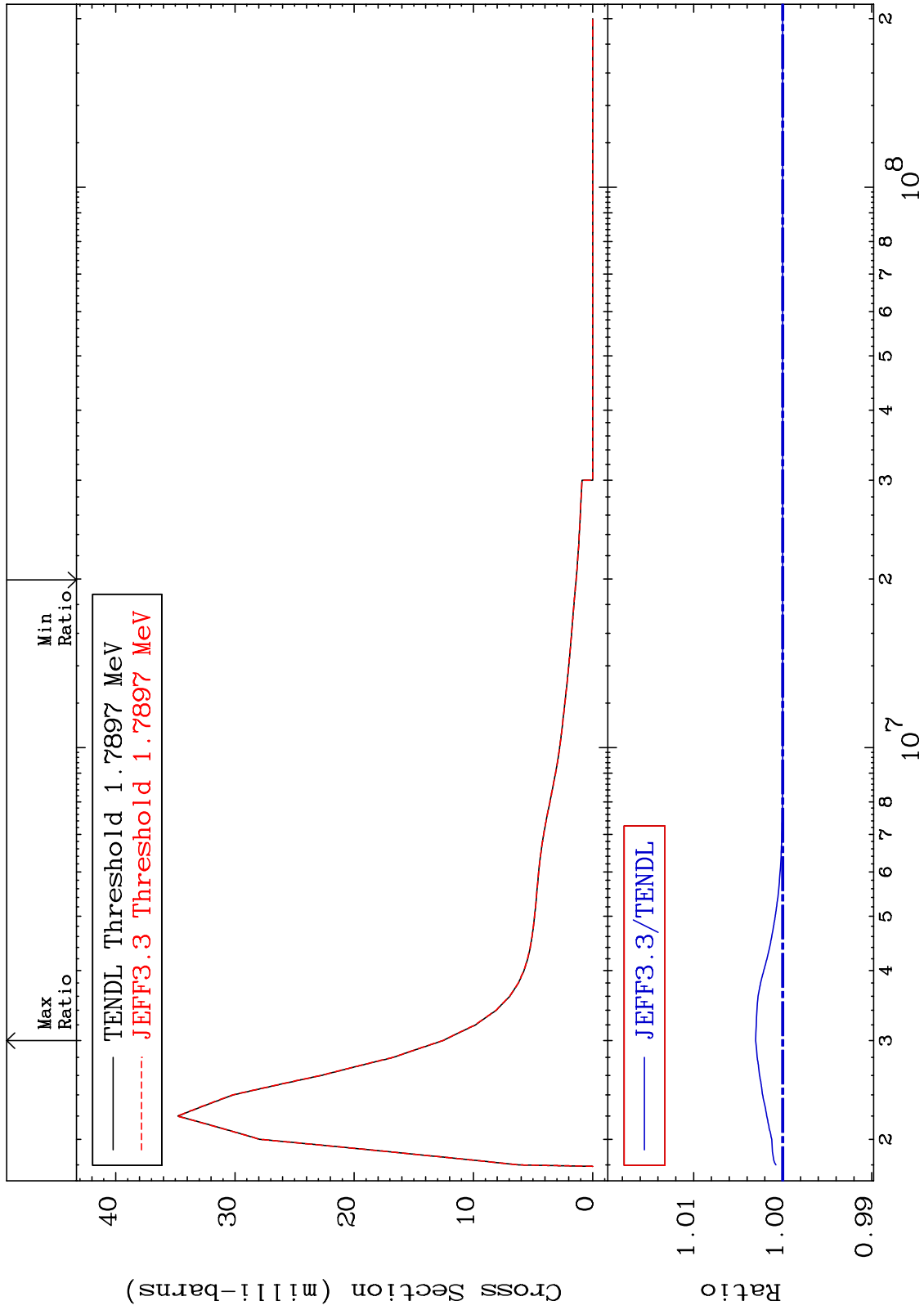
76-0s-192

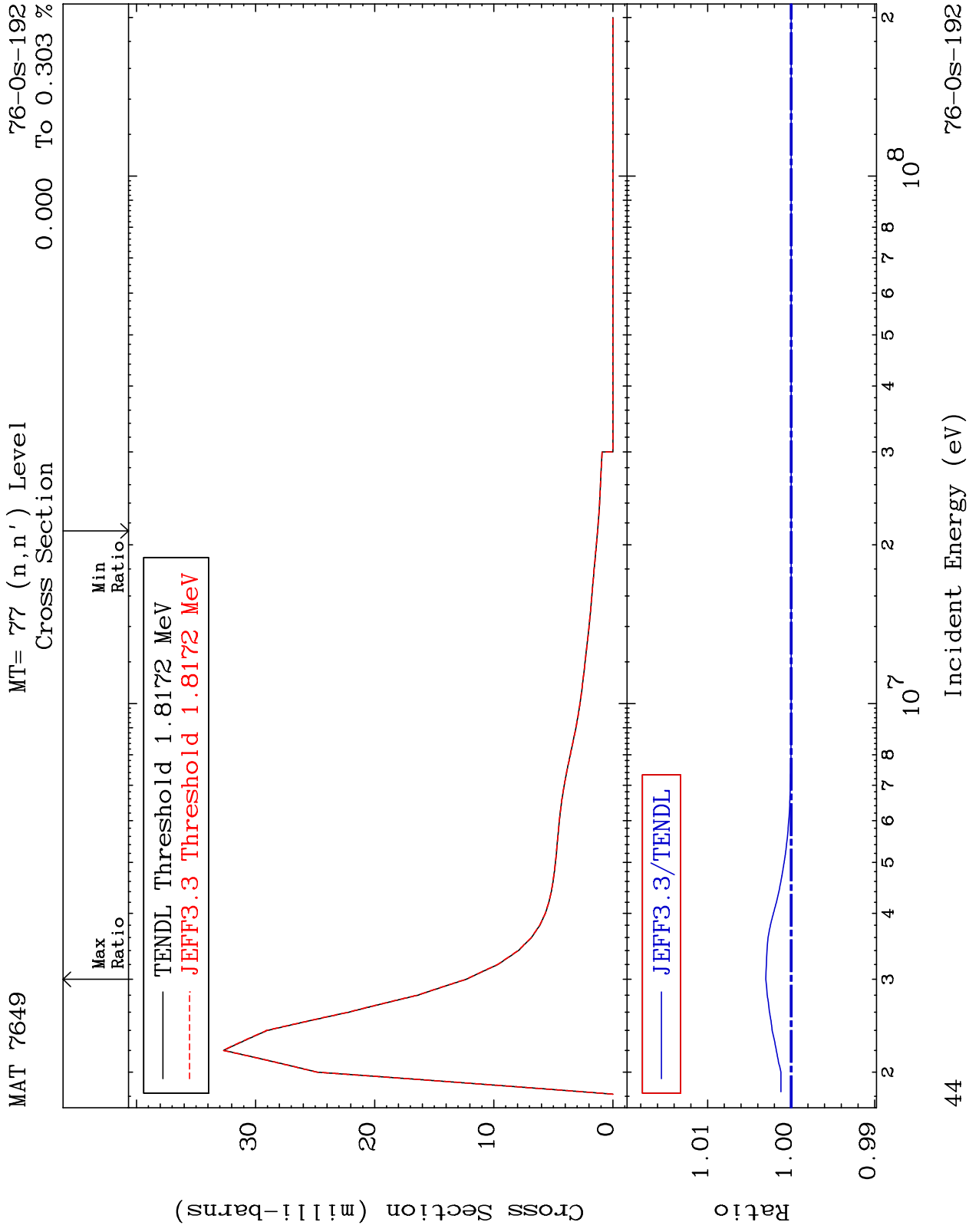


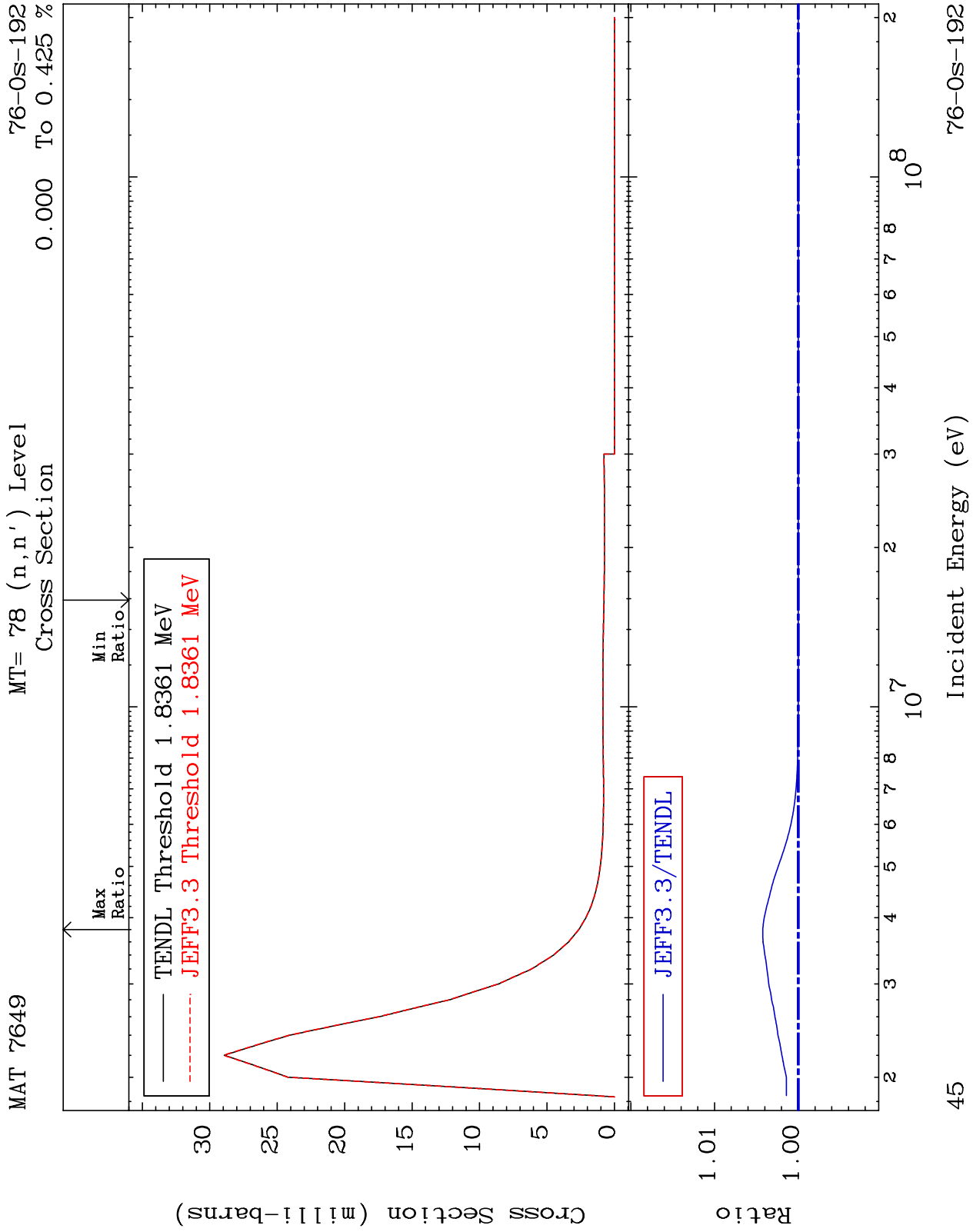
MAT 7649 MT= 75 (n,n') Level Cross Section 76-0s-192
 0.000 To 0.303 %

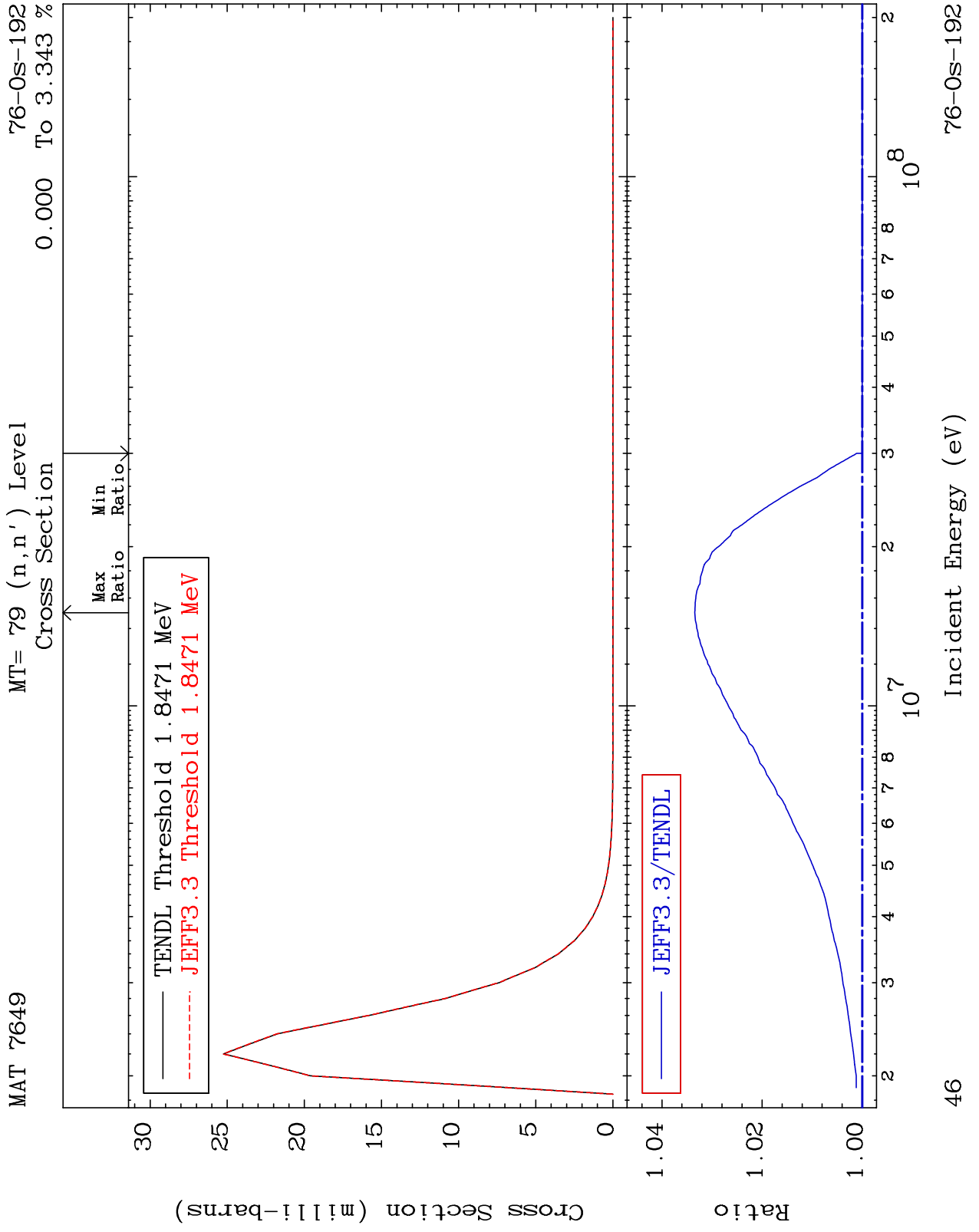


MAT 7649 MT= 76 (n, n') Level Cross Section 76-0s-192 To 0.303 %





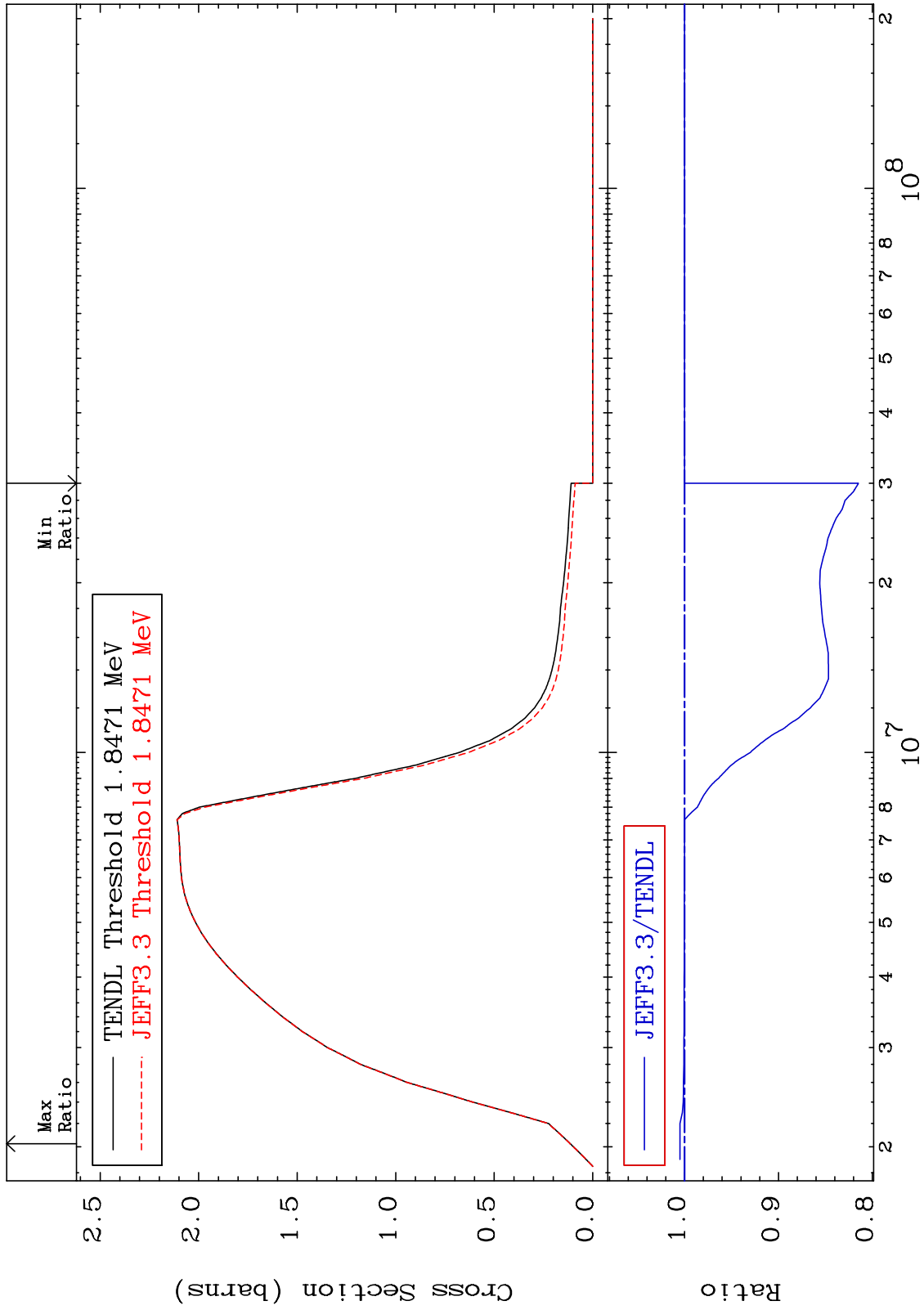




MAT 7649

(n, n') Continuum
Cross Section

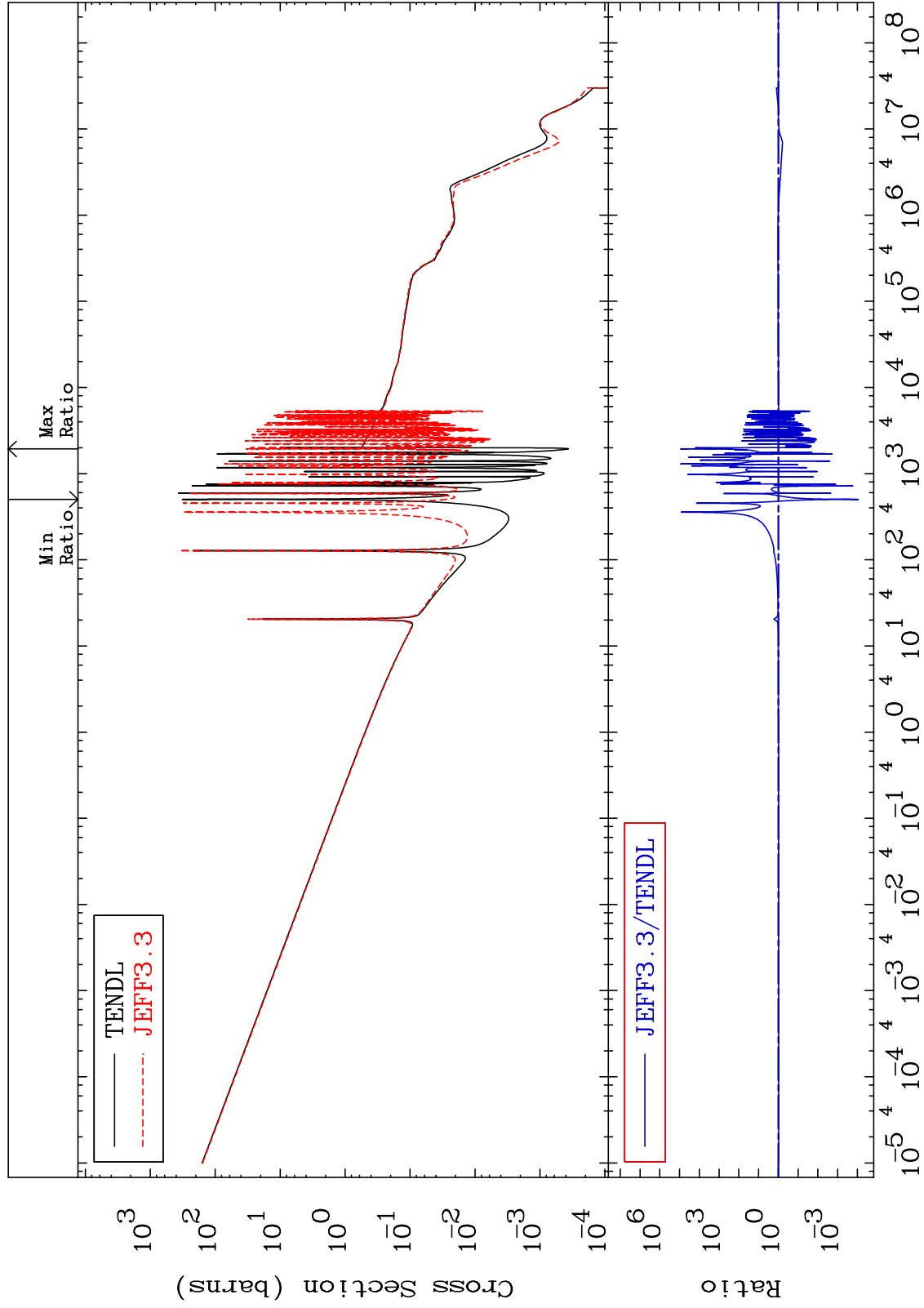
76-0s-192
-18.51 To 0.488 %



MAT 7649

(n, γ)
Cross Section

76-0s-192
-99.99 To 9999. %



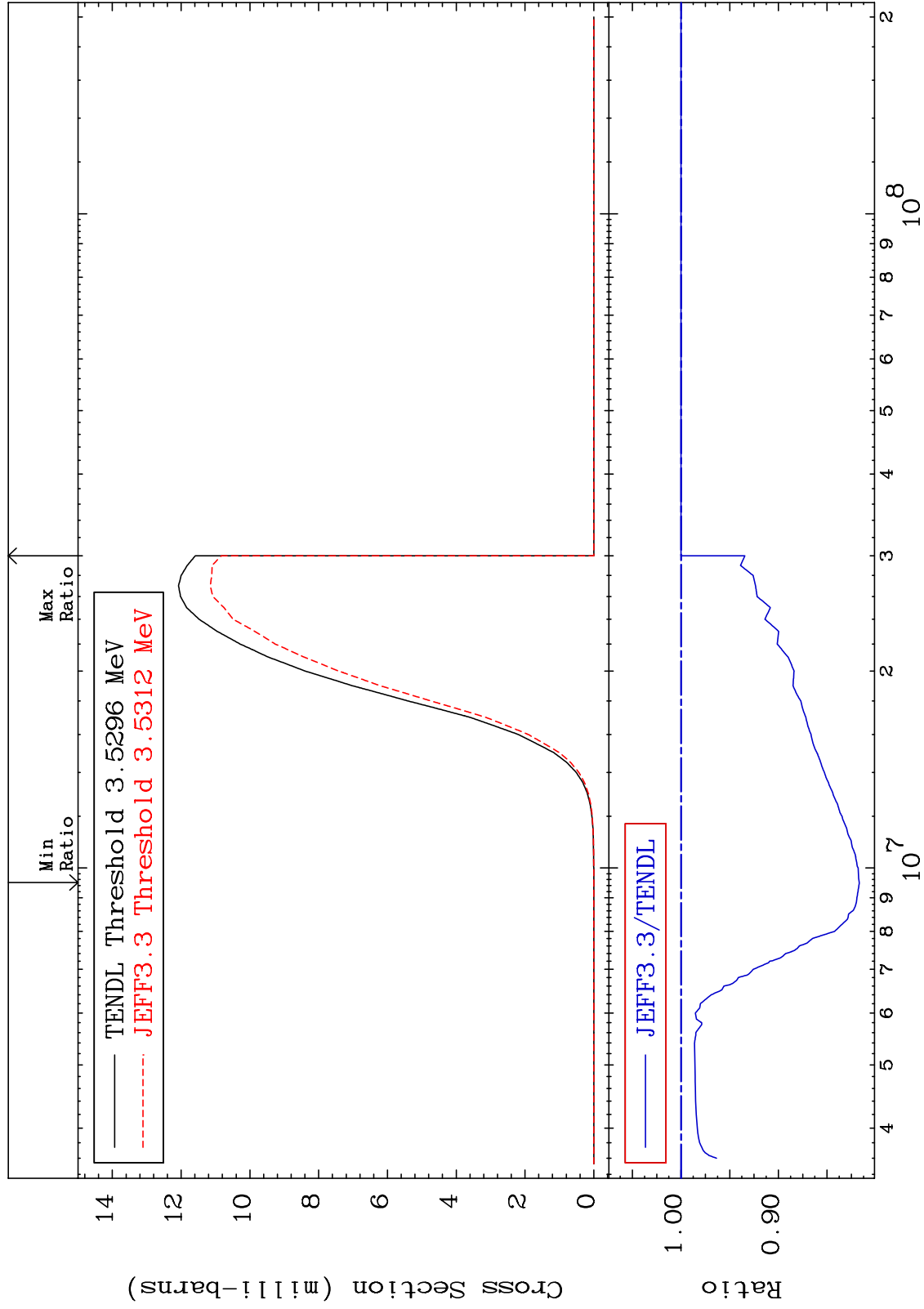
MAT 7649

(n, p)

76-0s-192

Cross Section

-18.31 To 0.000 %



49

Incident Energy (eV)

76-0s-192

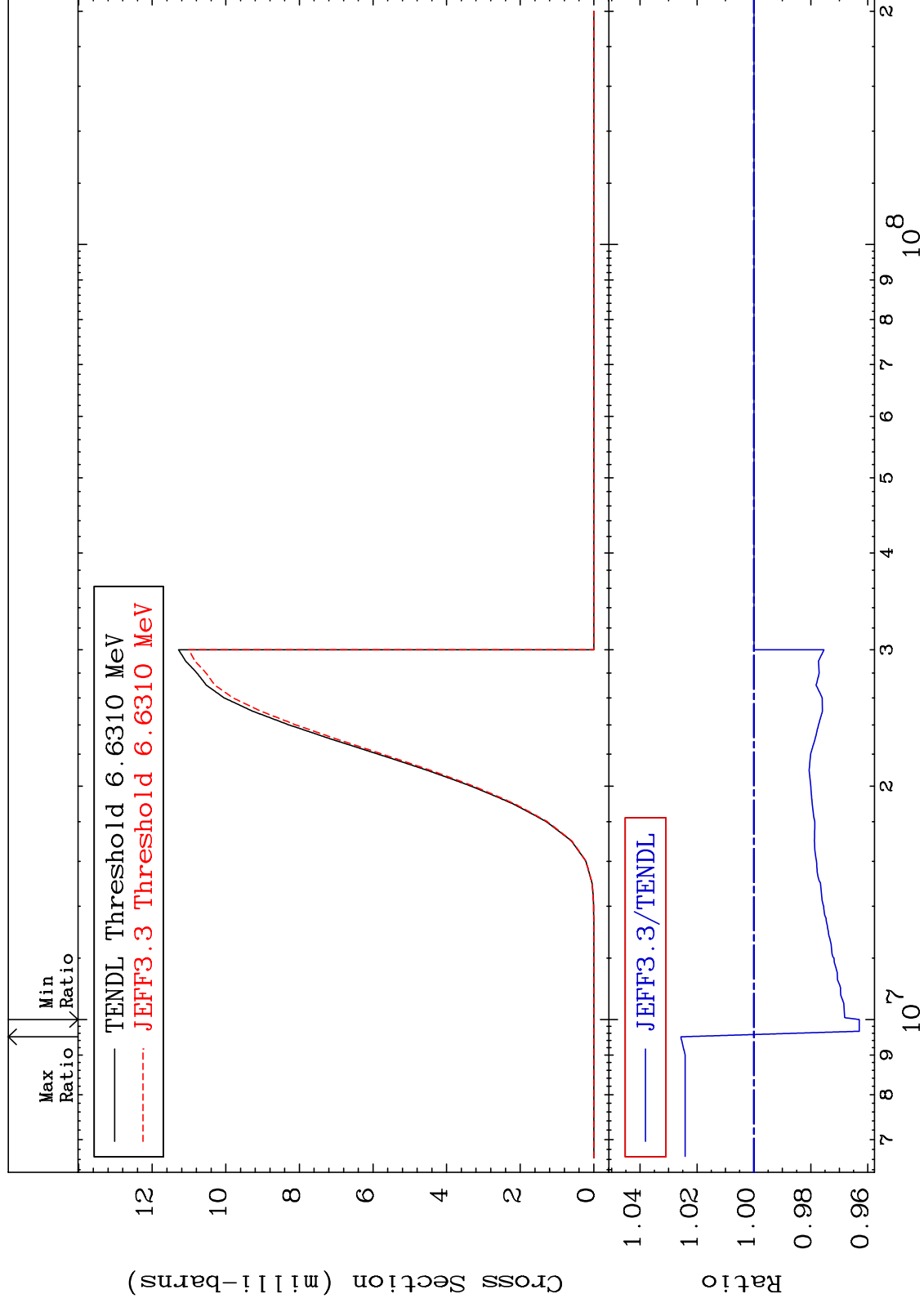
MAT 7649

(n, d)

76-0s-192

Cross Section

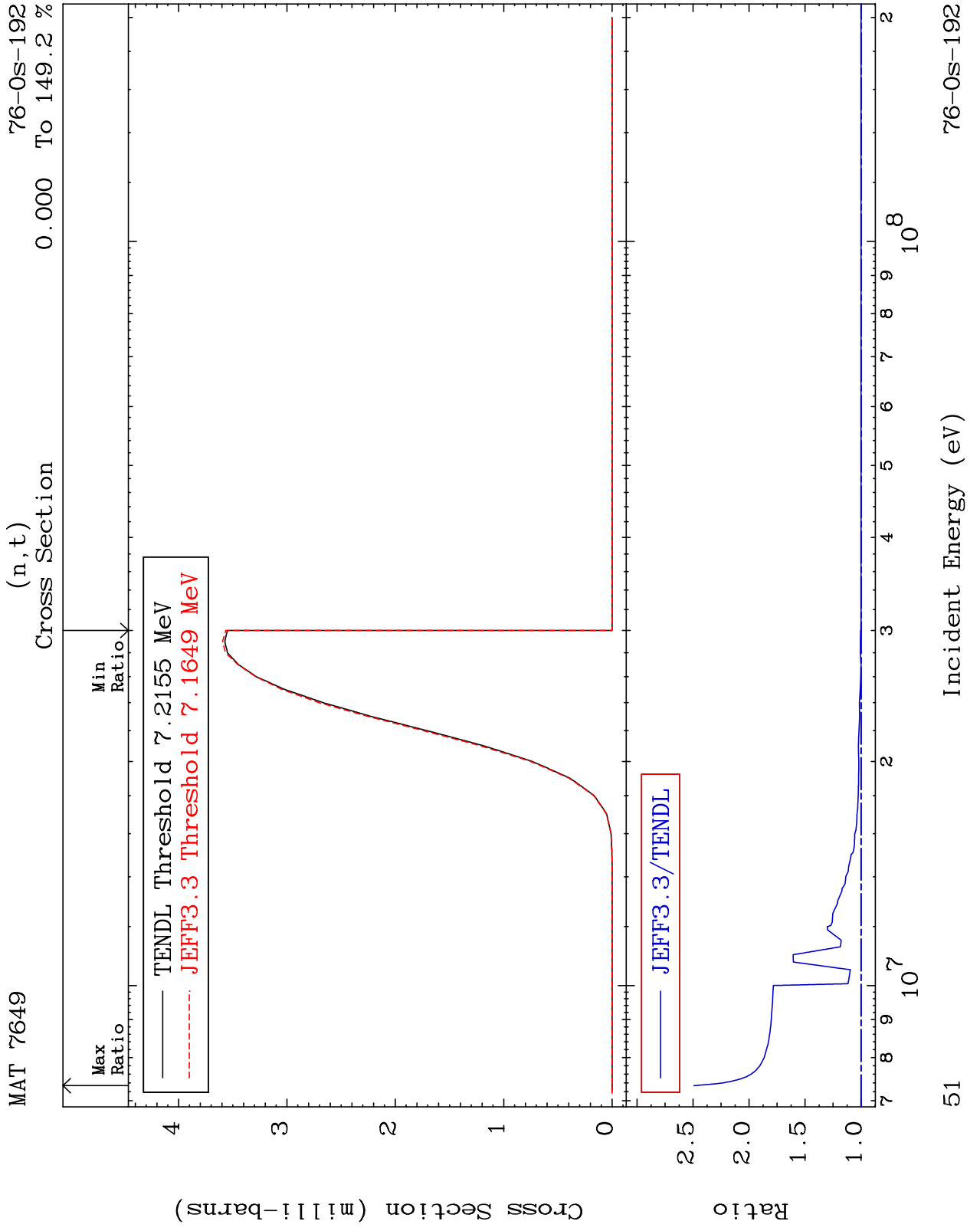
-3.702 To 2.561 %



50

Incident Energy (eV)

76-0s-192



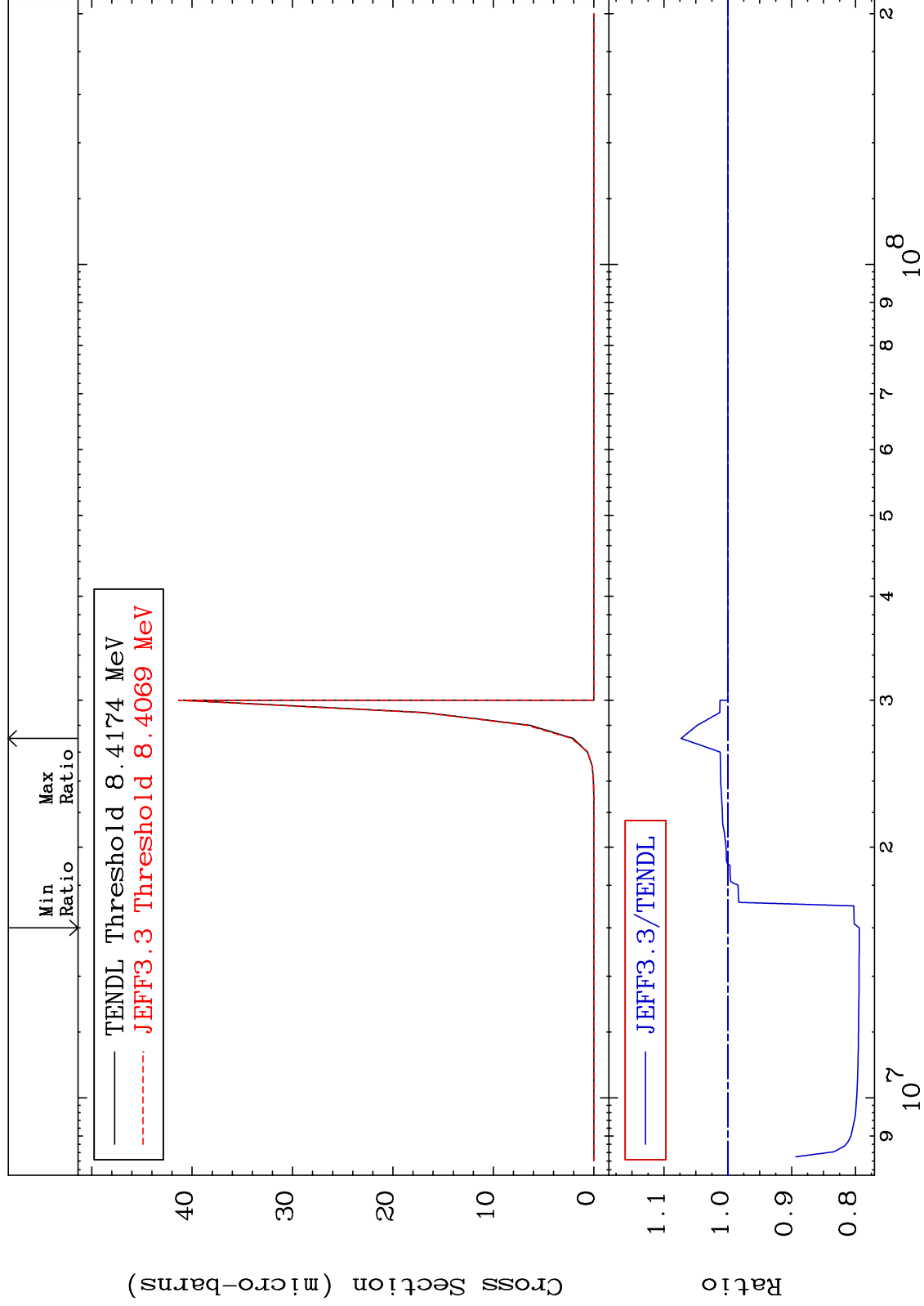
MAT 7649

(n, He-3)

76-0s-192

Cross Section

-20.59 To 7.322 %



52

Incident Energy (eV)

76-0s-192

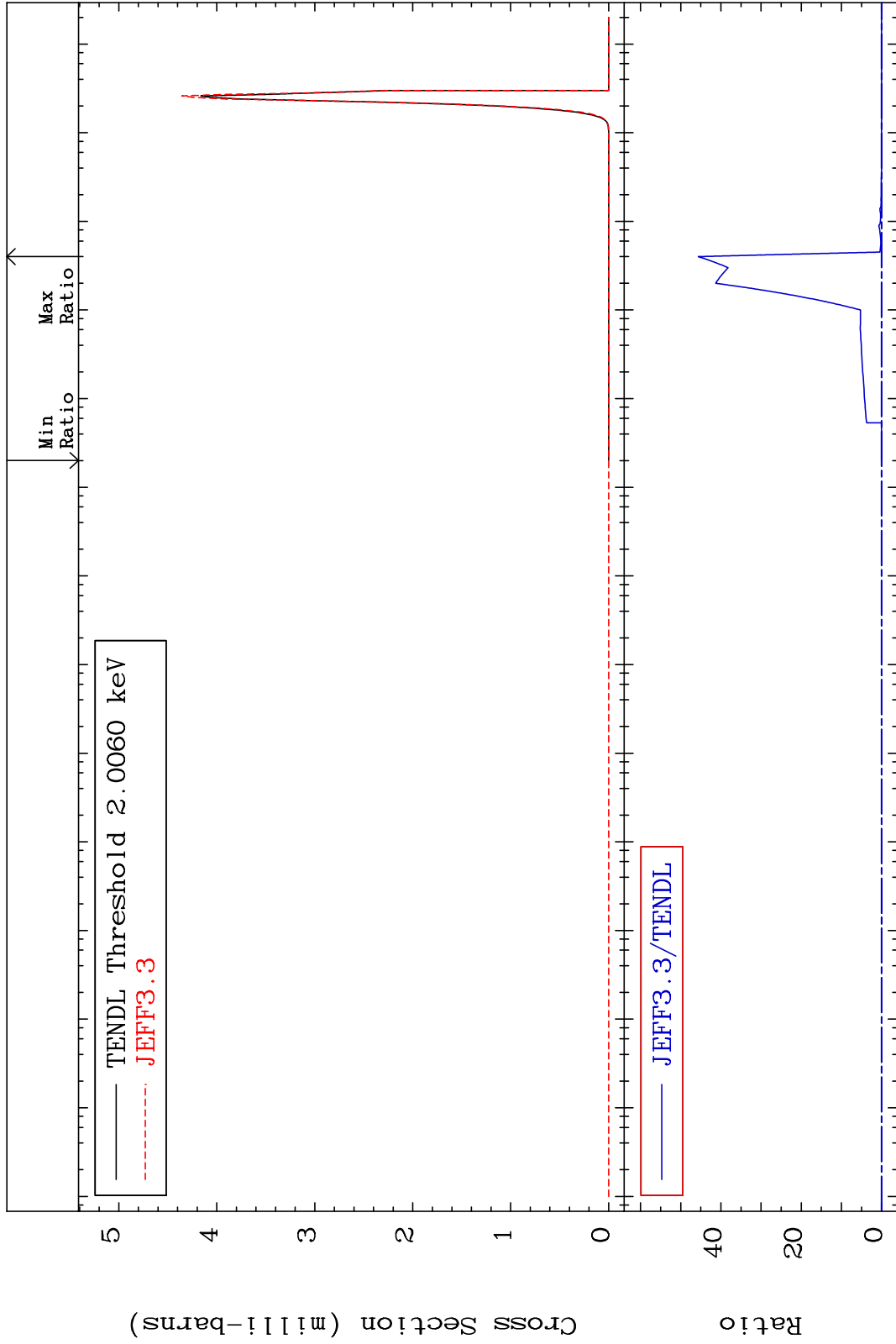
MAT 7649

(n, α)

76-0s-192

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

53

76-0s-192

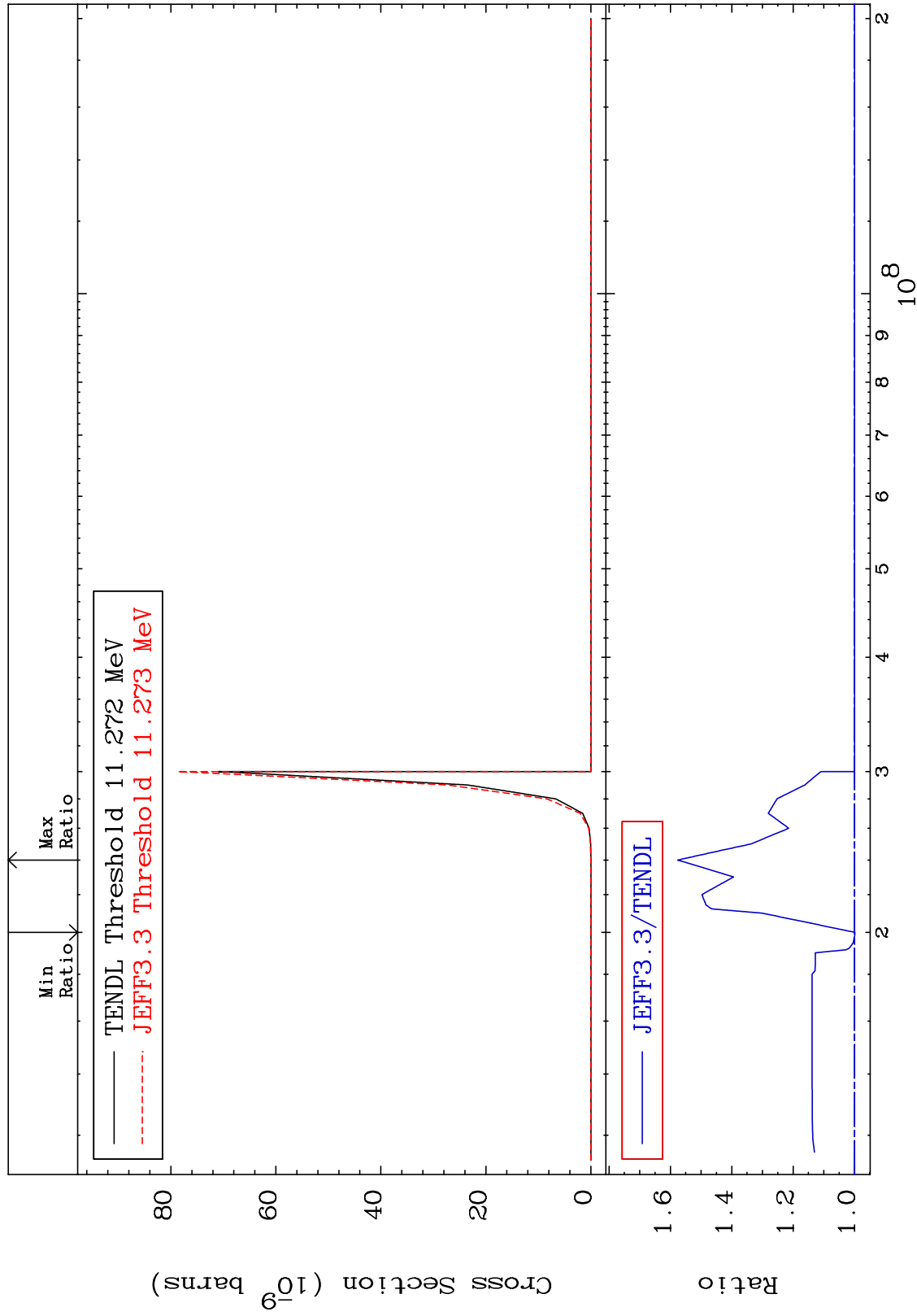
MAT 7649

(n,2p)

76-0s-192

Cross Section

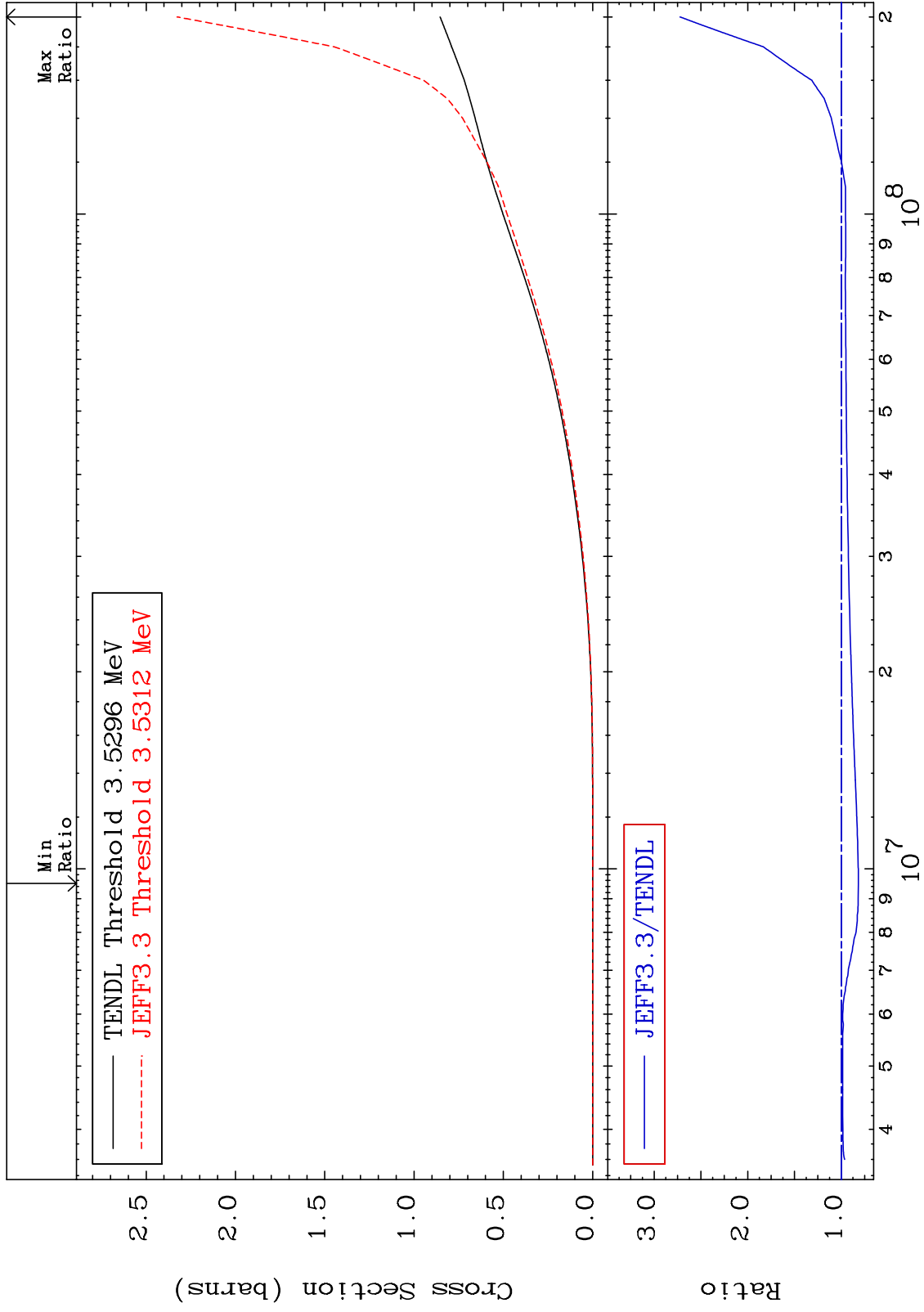
-0.177 To 57.62 %



MAT 7649

Hydrogen Production
Cross Section

76-0s-192
-18.31 To 172.3 %



55

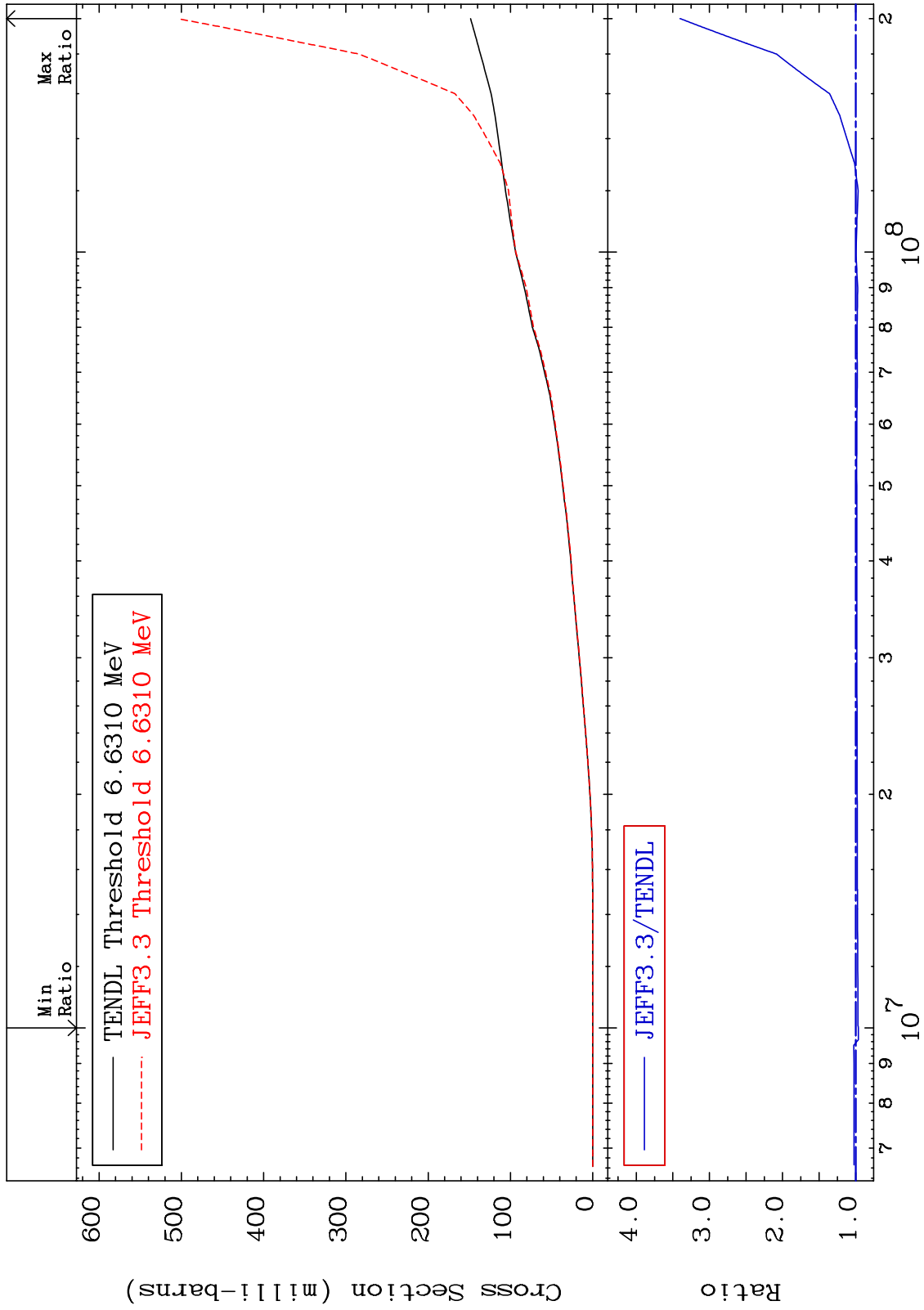
Incident Energy (eV)

76-0s-192

MAT 7649

Deuterium Production
Cross Section

76-0s-192
-3.702 To 240.2 %



56

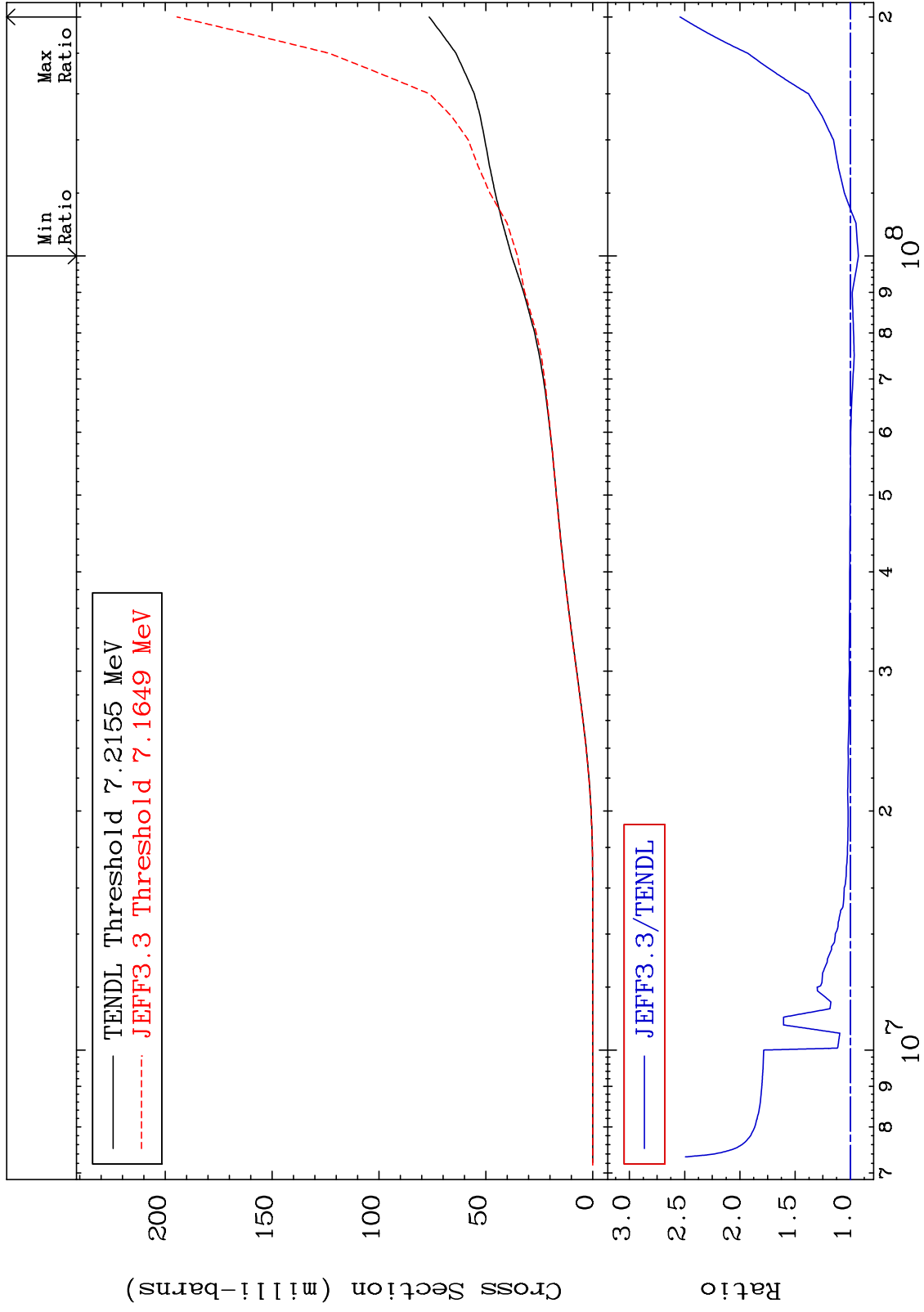
Incident Energy (eV)

76-0s-192

MAT 7649

Tritium Production
Cross Section

76-0s-192
-7.216 To 154.2 %



57

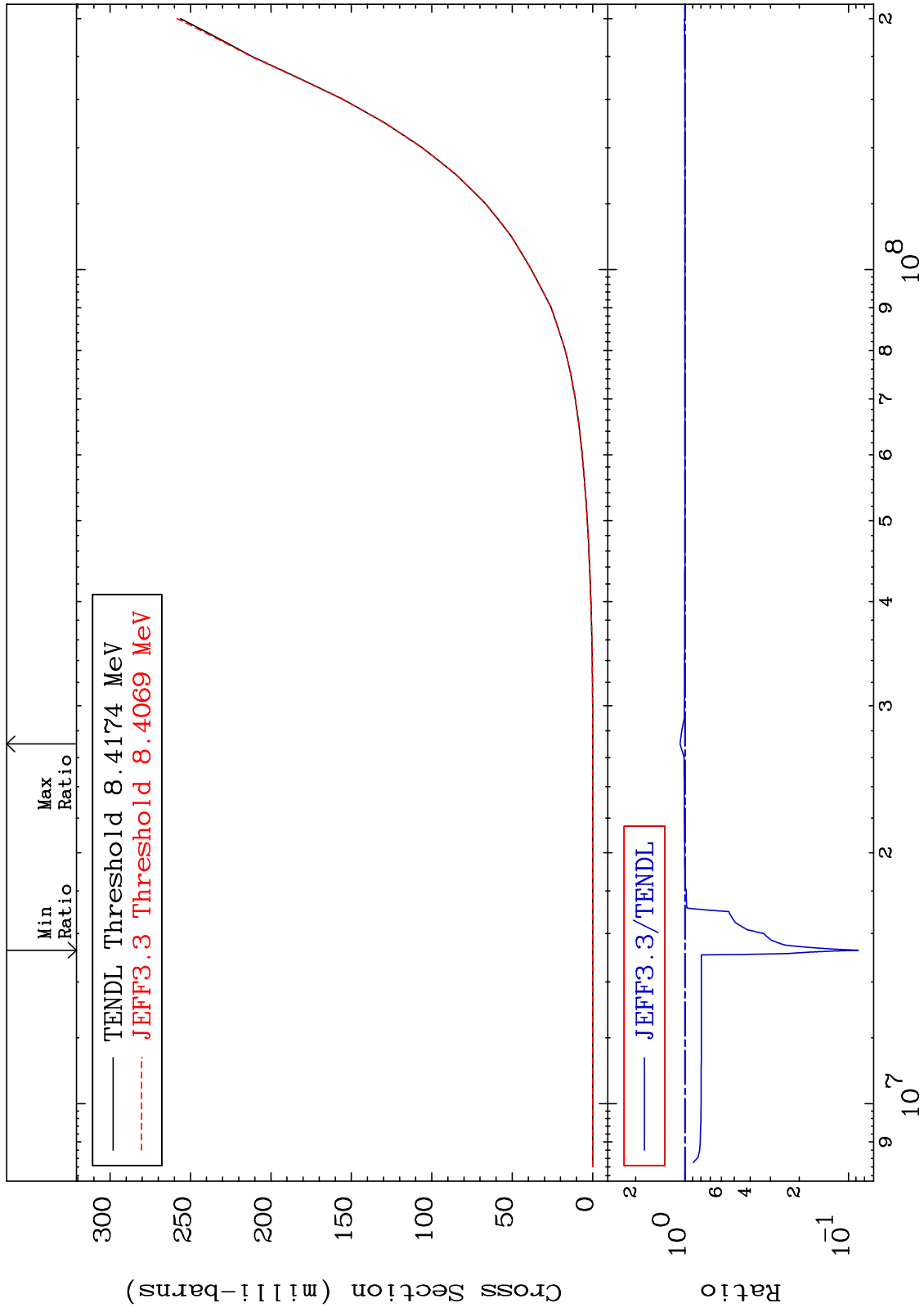
Incident Energy (eV)

76-0s-192

MAT 7649

He-3 Production
Cross Section

76-0s-192
-91.29 To 7.286 %



58

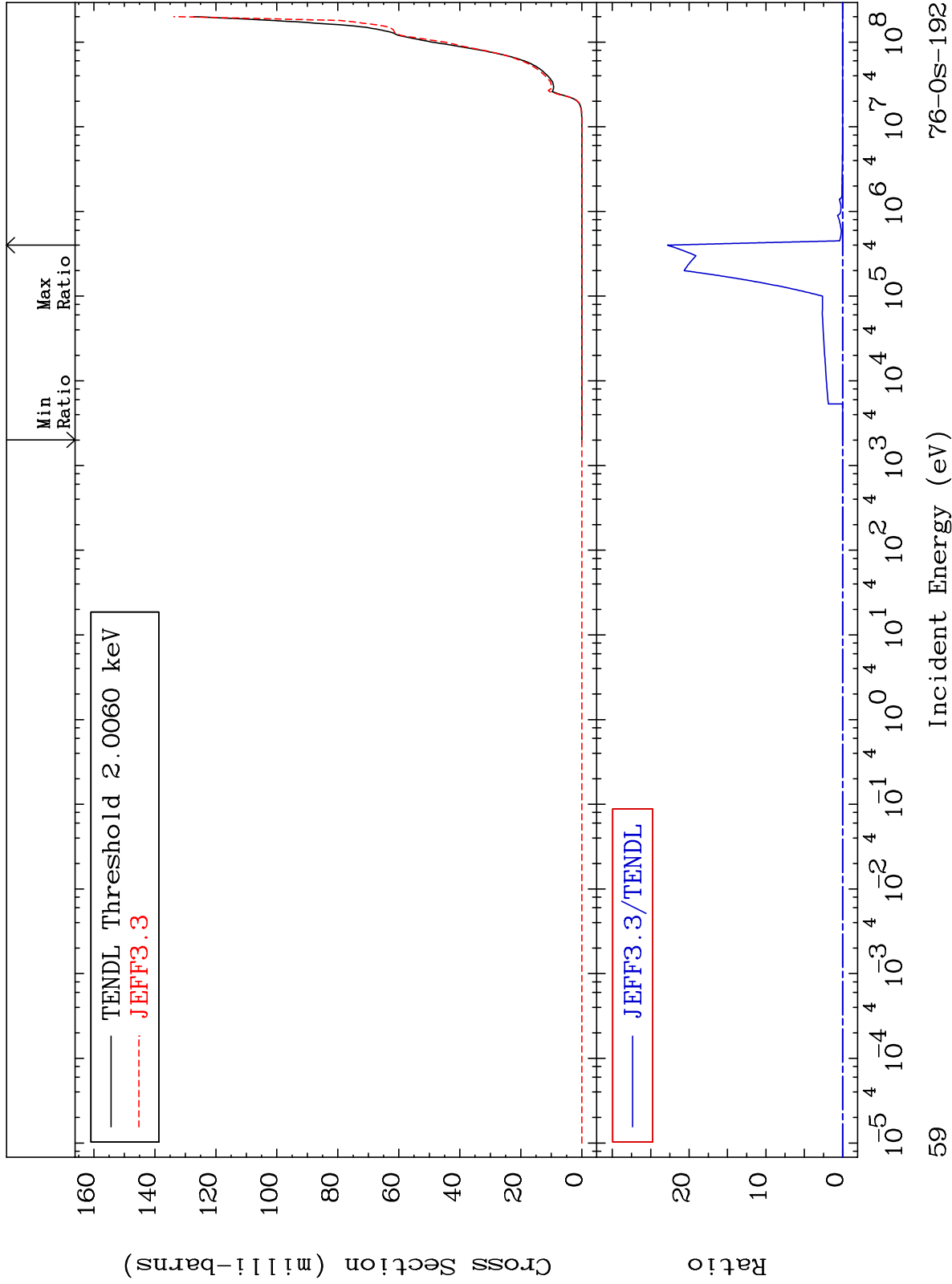
Incident Energy (eV)

76-0s-192

MAT 7649

He-4 Production
Cross Section

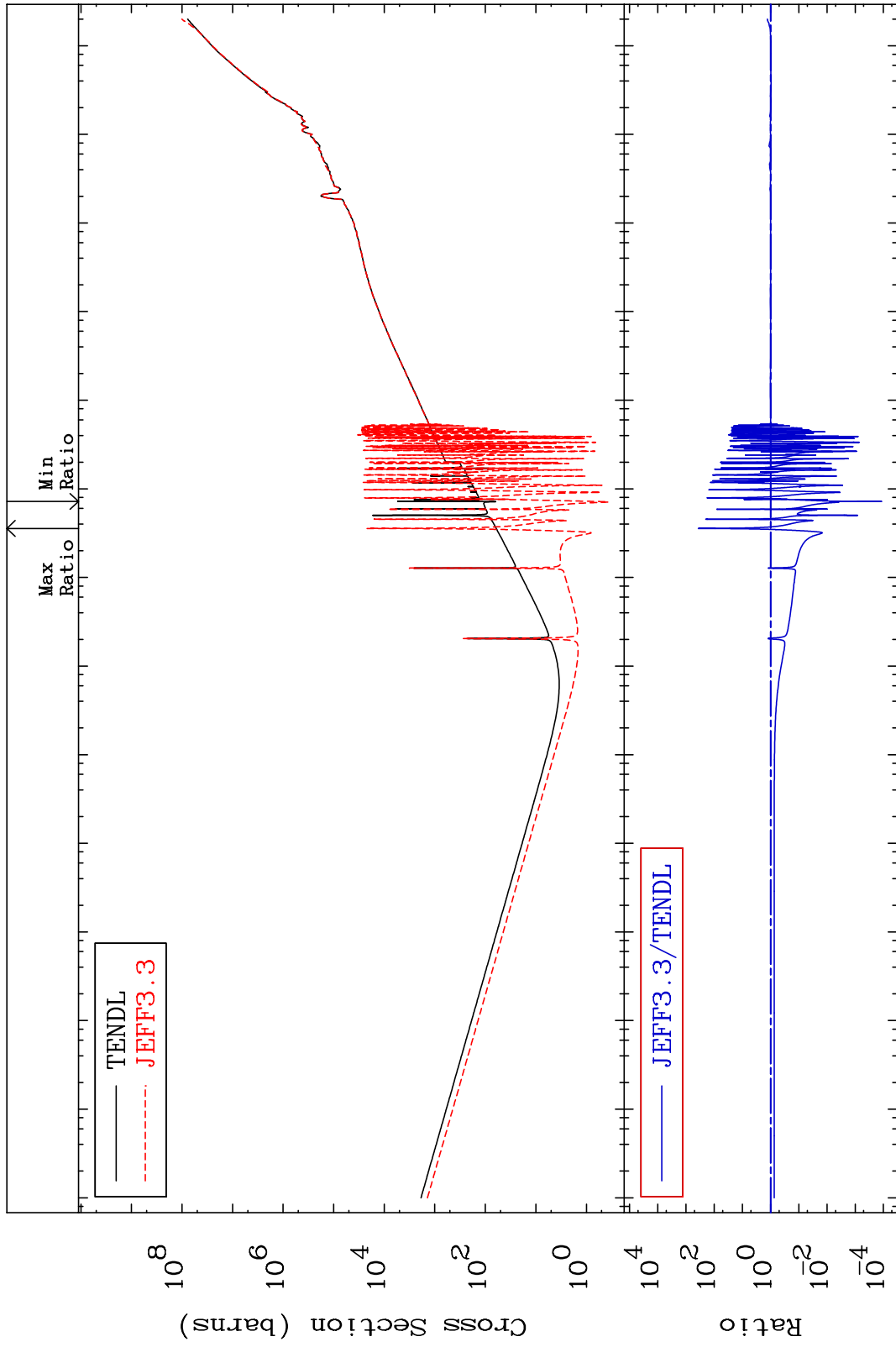
76-0s-192
-100.0 To 9999. %



MAT 7649

Kerma total (eV-barns)
Cross Section

76-0s-192
-99.99 To 9999. %



Incident Energy (eV)

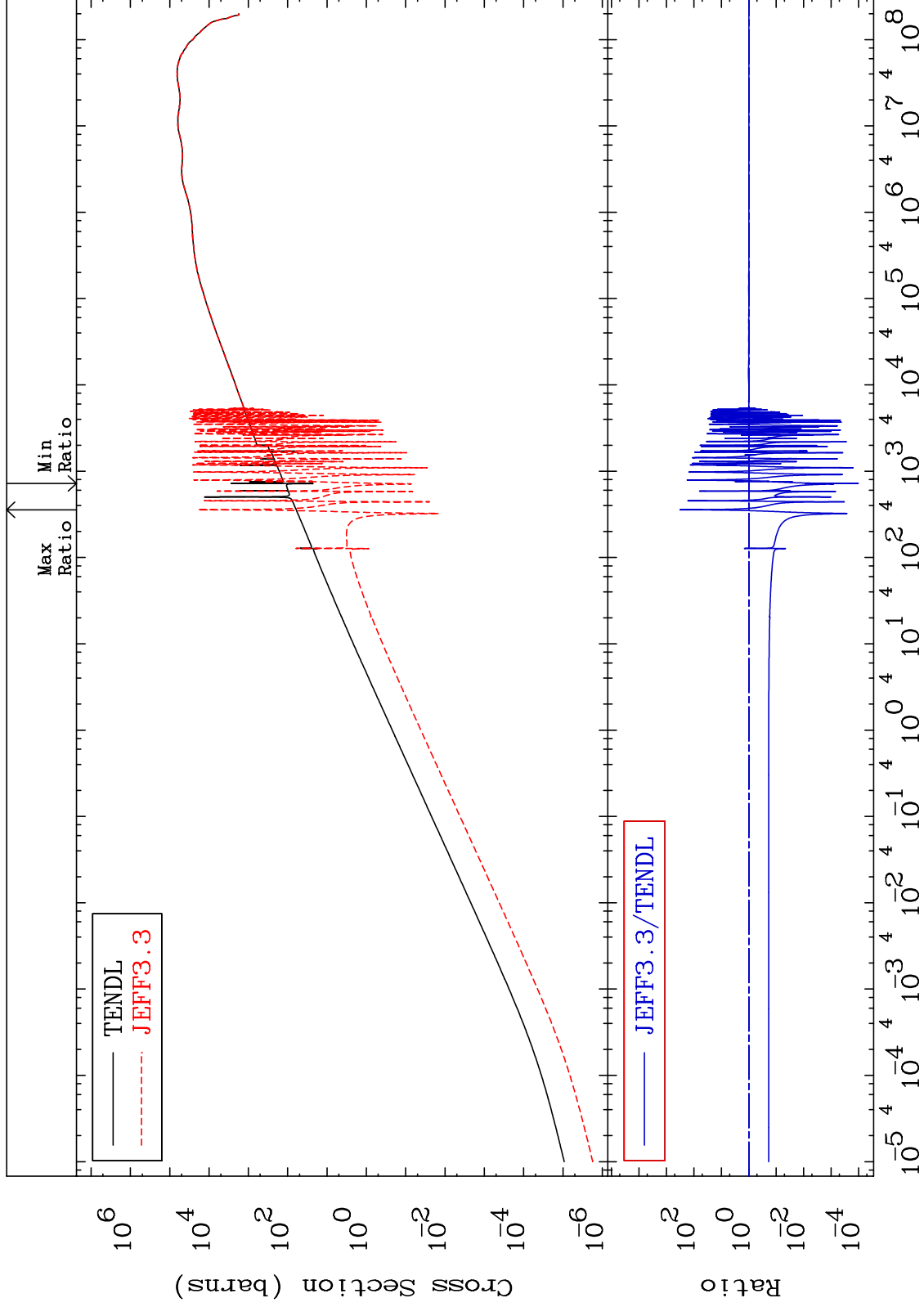
76-0s-192

60

MAT 7649

Kerma elastic
Cross Section

76-0s-192
-99.99 To 9999. %



61

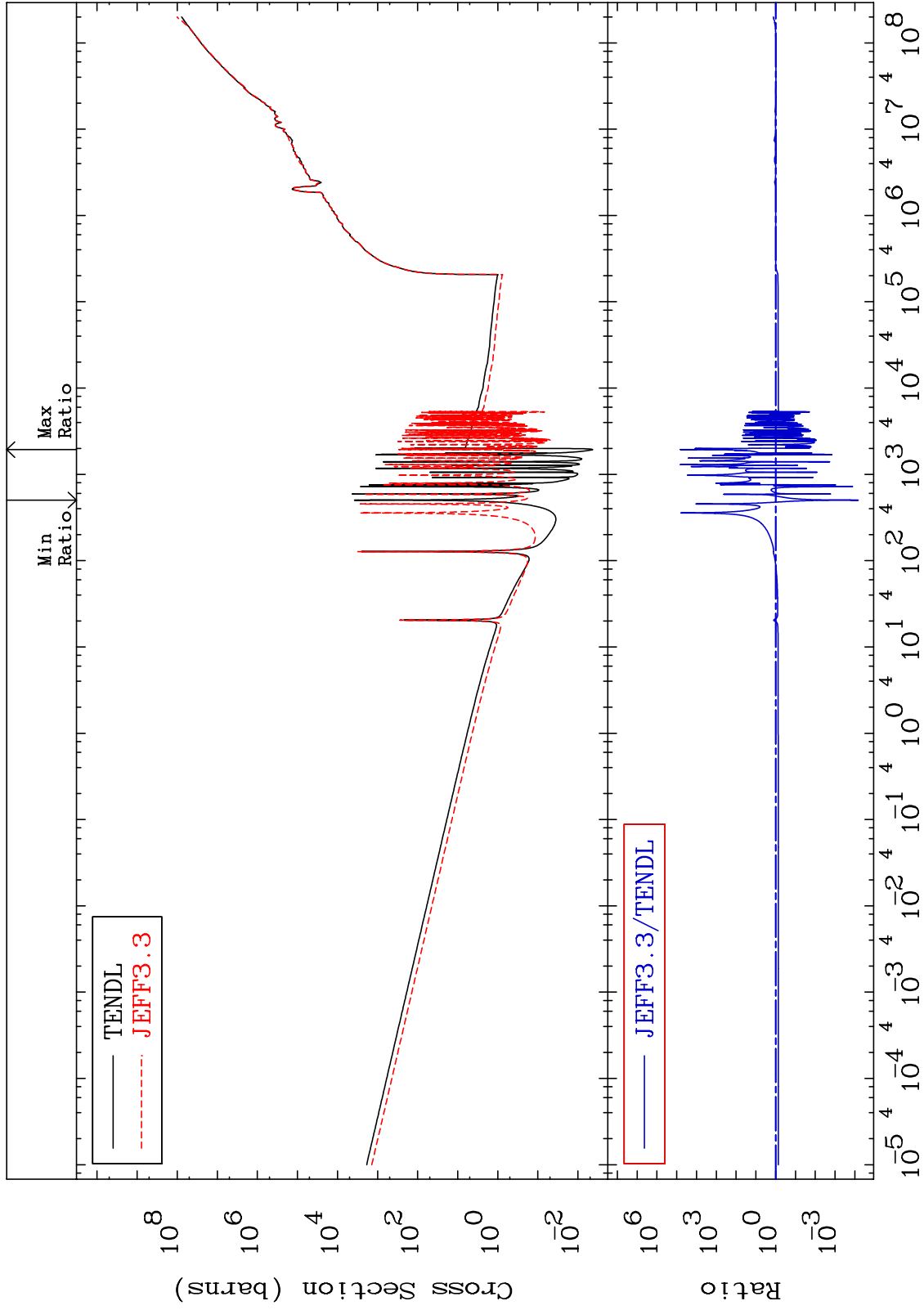
Incident Energy (eV)

76-0s-192

MAT 7649

Kerma non-elastic (all but mt2)
Cross Section

76-0s-192
-99.99 To 9999. %



62

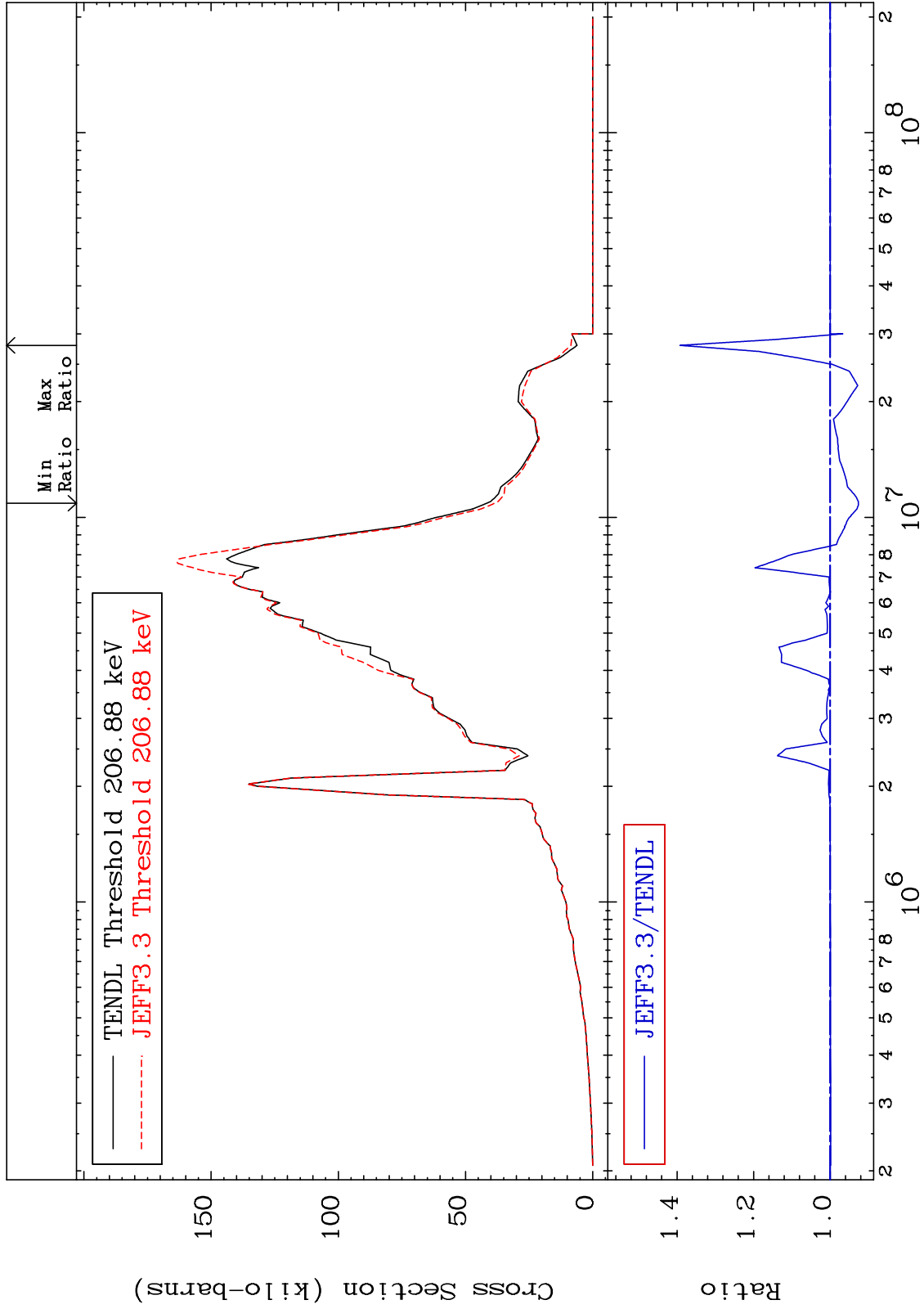
Incident Energy (eV)

76-0s-192

MAT 7649

Kerma inelastic (mt51-91)
Cross Section

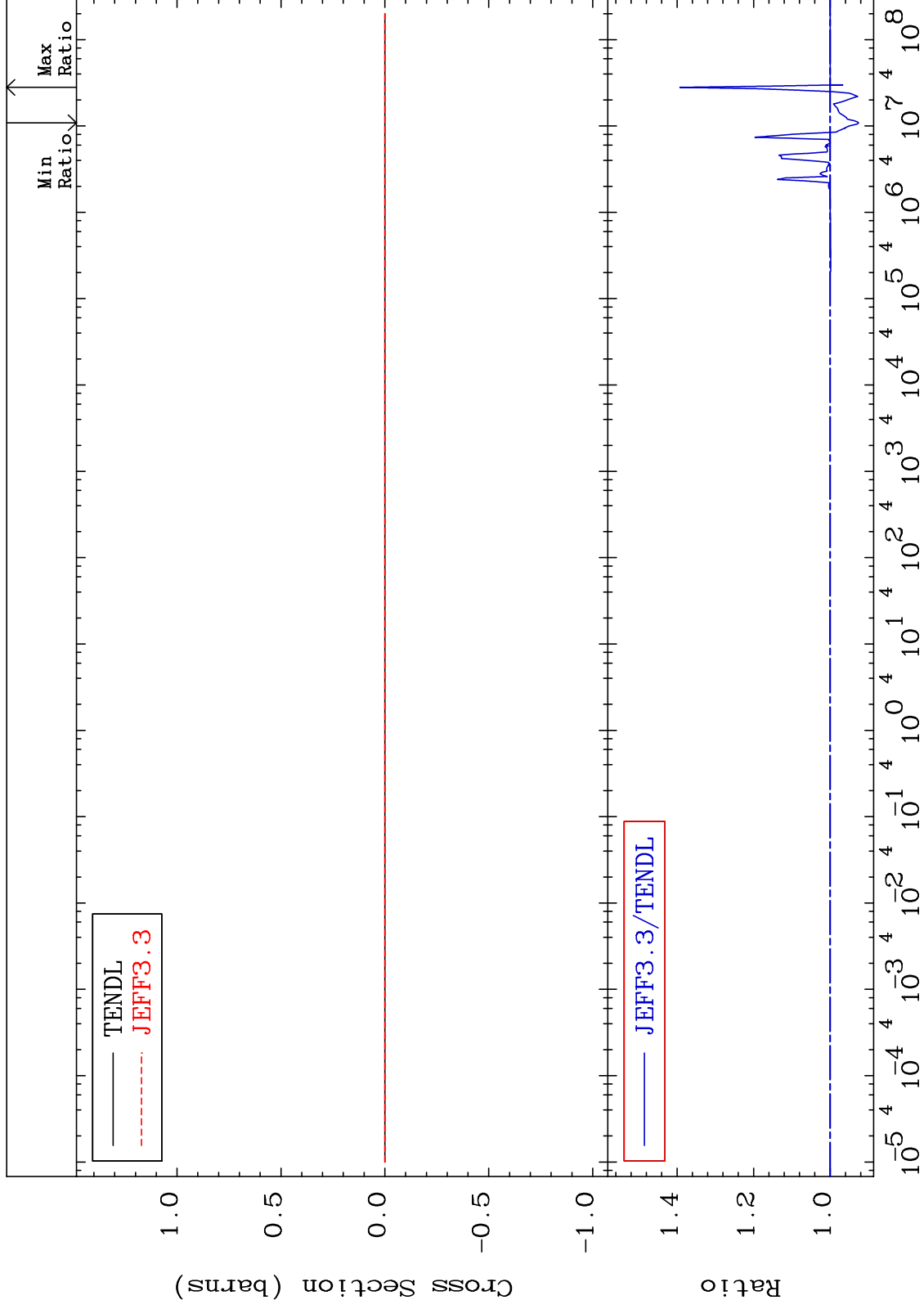
76-0s-192
-7.386 To 39.22 %



MAT 7649

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

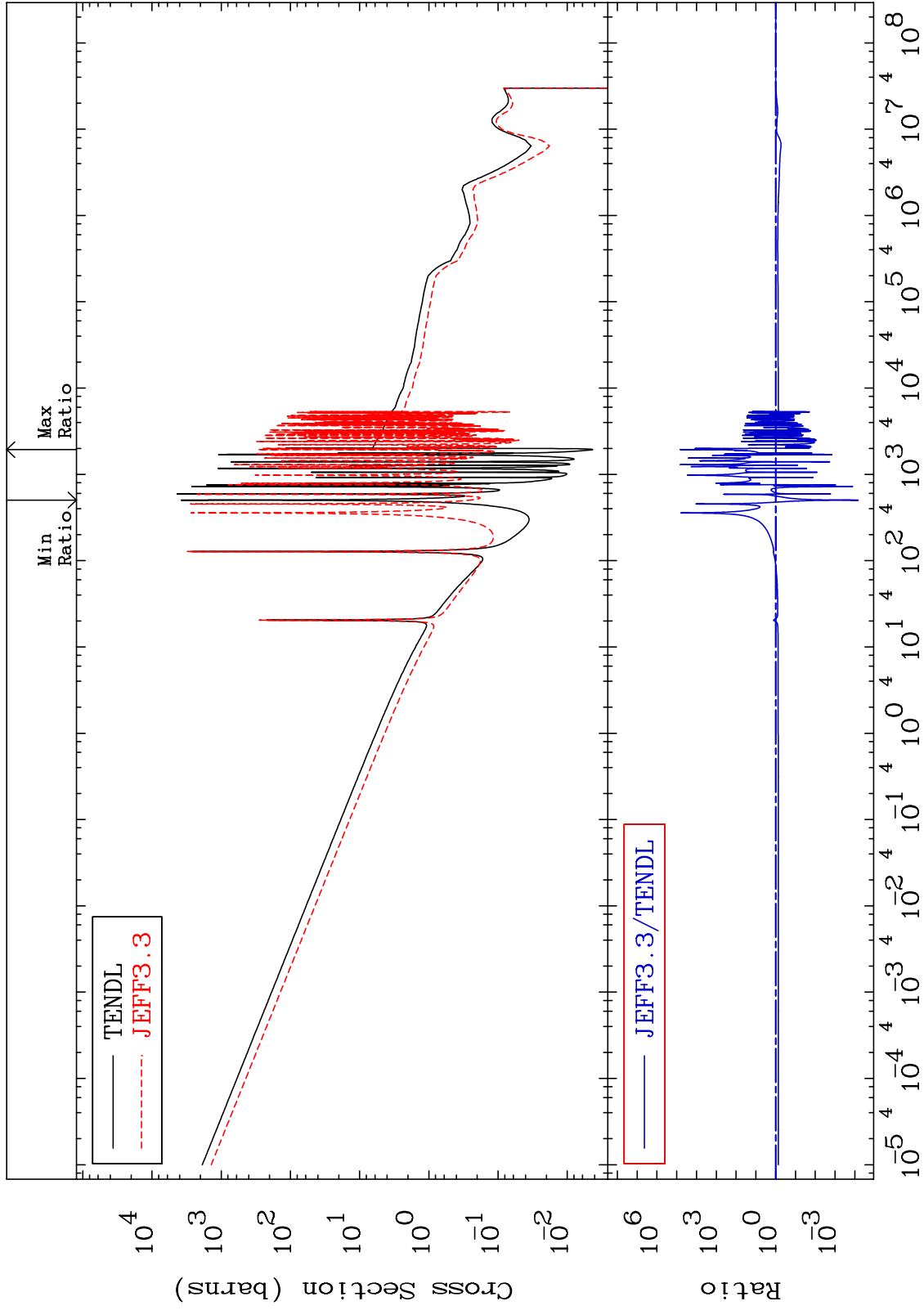
76-0s-192
-7.386 To 39.22 %



MAT 7649

Kerma capture (mt102)
Cross Section

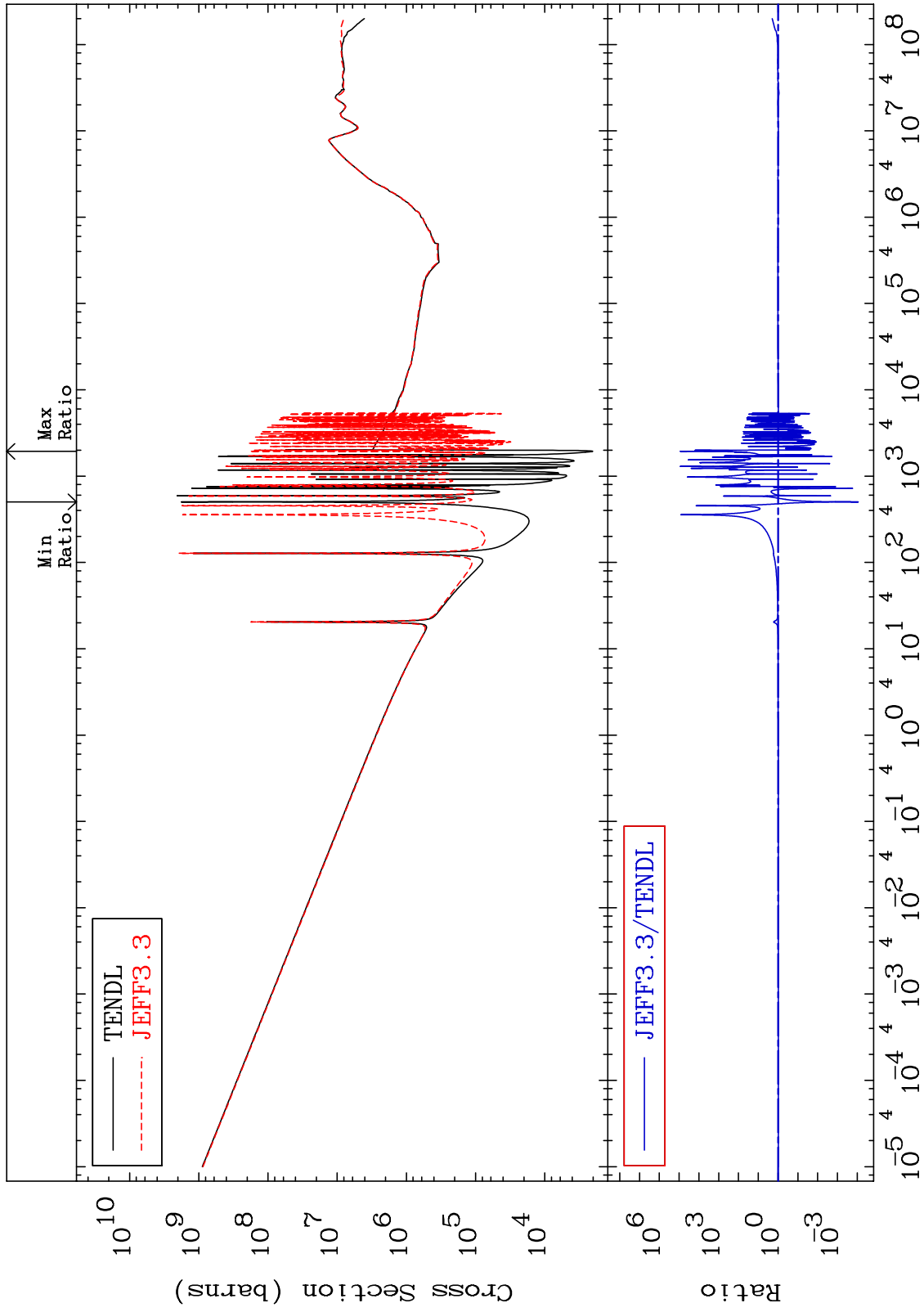
76-0s-192
-99.99 To 9999. %



MAT 7649

Total photon (eV-barns)
Cross Section

76-0s-192
-99.99 To 9999. %



66

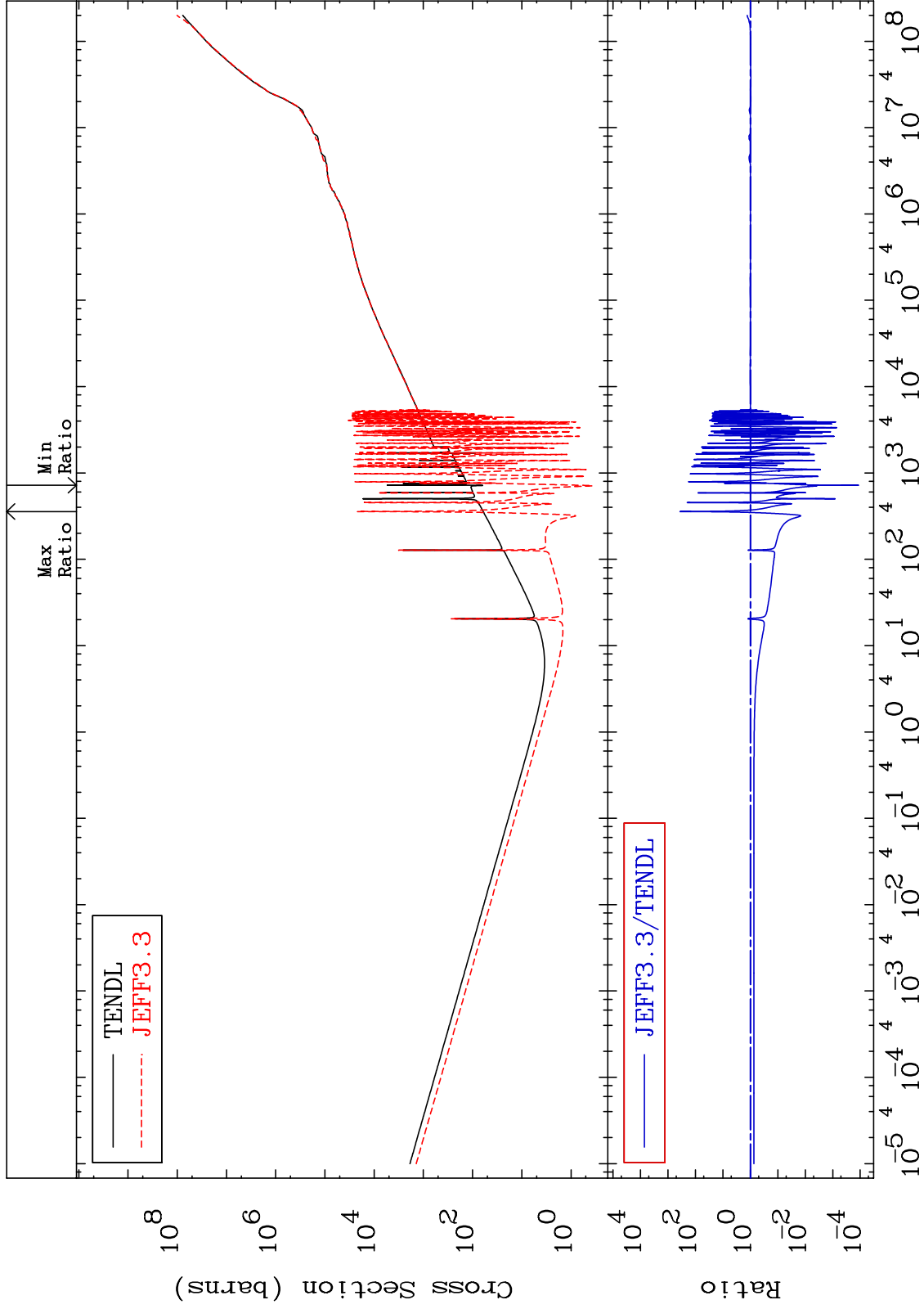
Incident Energy (eV)

76-0s-192

MAT 7649

Total kinematic kerma (high limit)
Cross Section

76-0s-192
-99.99 To 9999. %



67

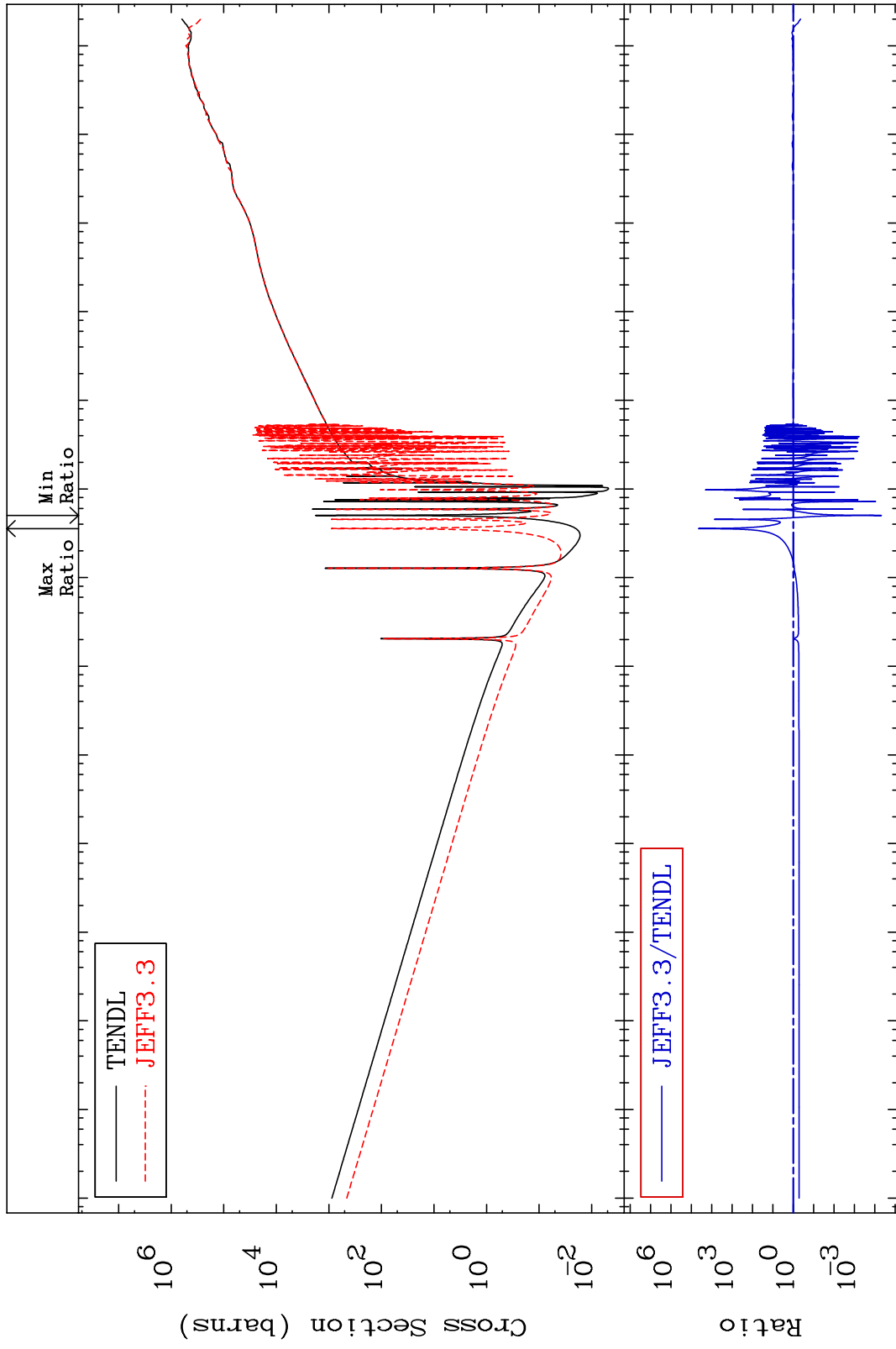
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa total (eV-barns)
Cross Section

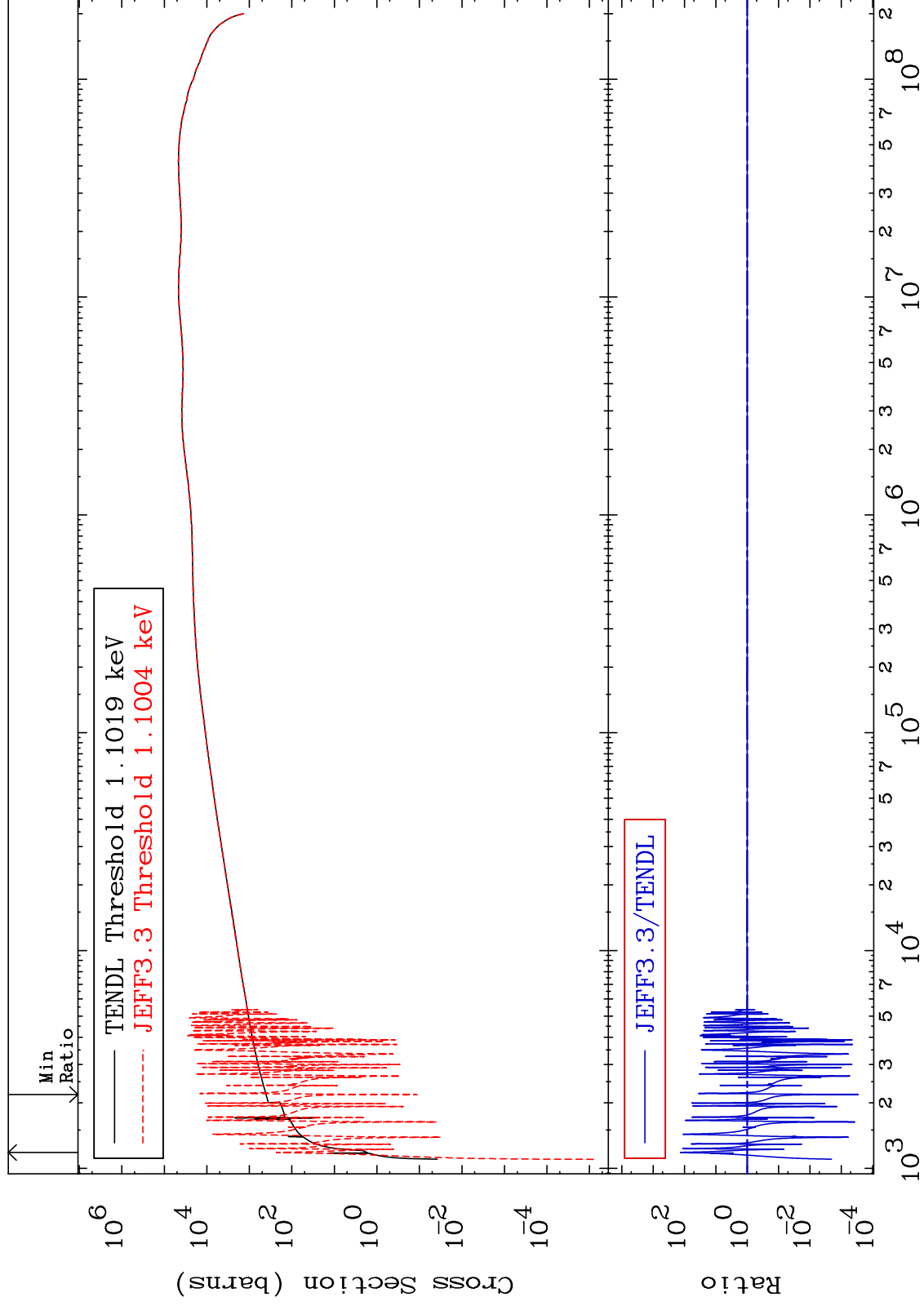
76-0s-192
-100.0 To 9999. %



MAT 7649

Dpa elastic (mt2)
Cross Section

76-0s-192
-99.97 To 9999. %



69

Incident Energy (eV)

76-0s-192

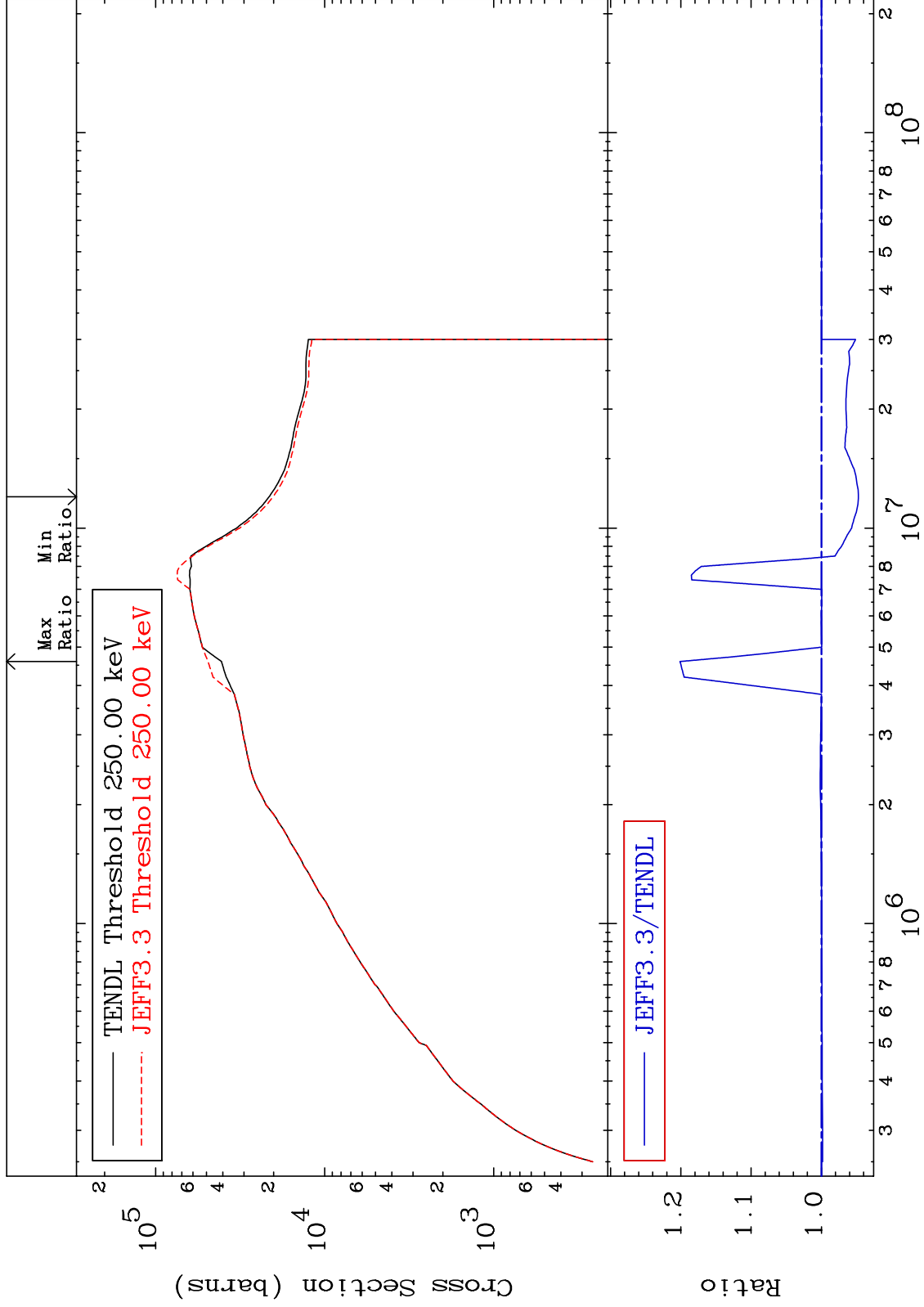
MAT 7649

Dpa inelastic (mt51-91)

76-0s-192

-5.261 To 20.12 %

Cross Section



70

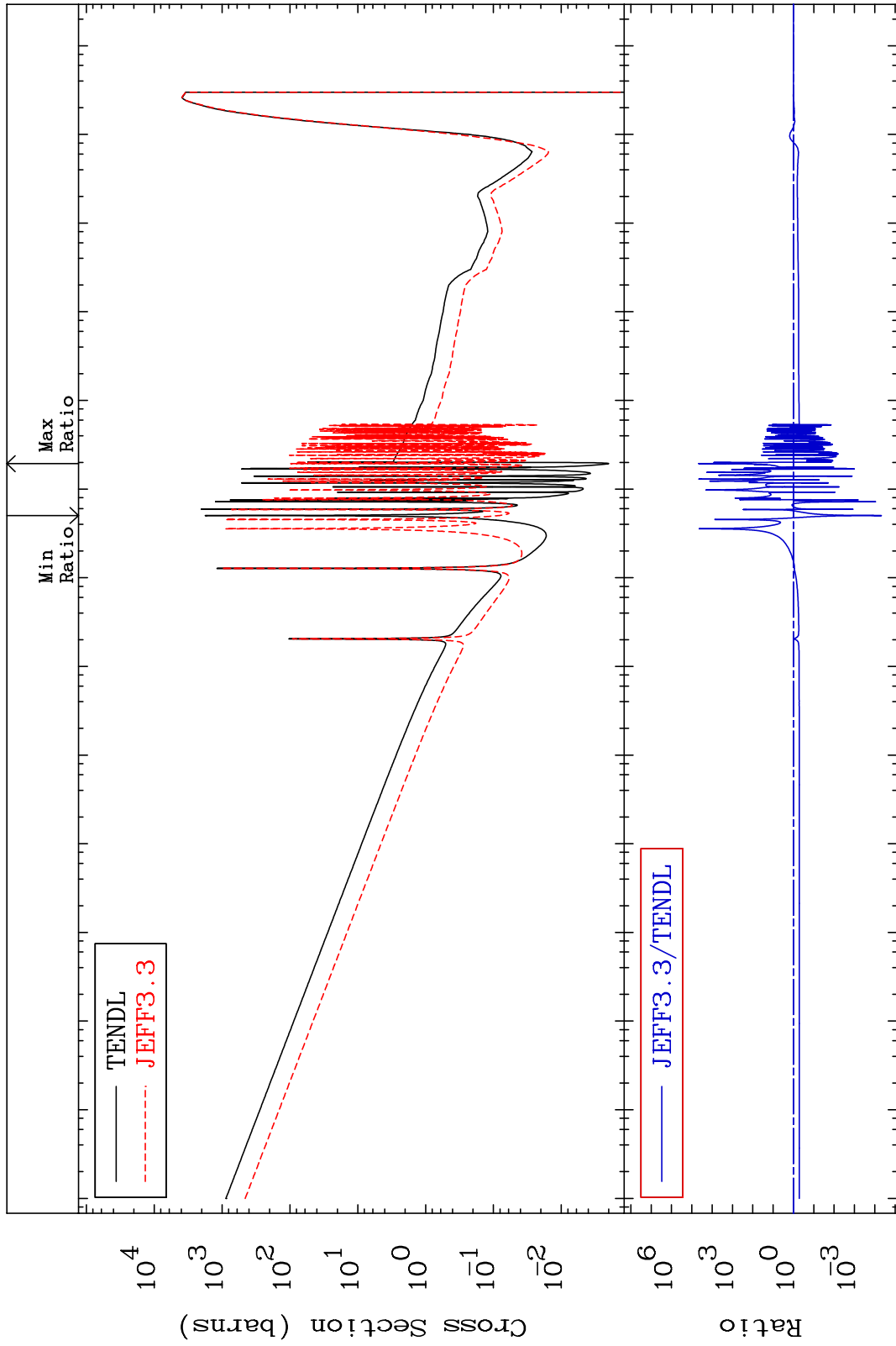
Incident Energy (eV)

76-0s-192

MAT 7649

Dpa disappearance (mt102 -120)
Cross Section

76-0s-192
-100.0 To 9999. %



71

Incident Energy (eV)

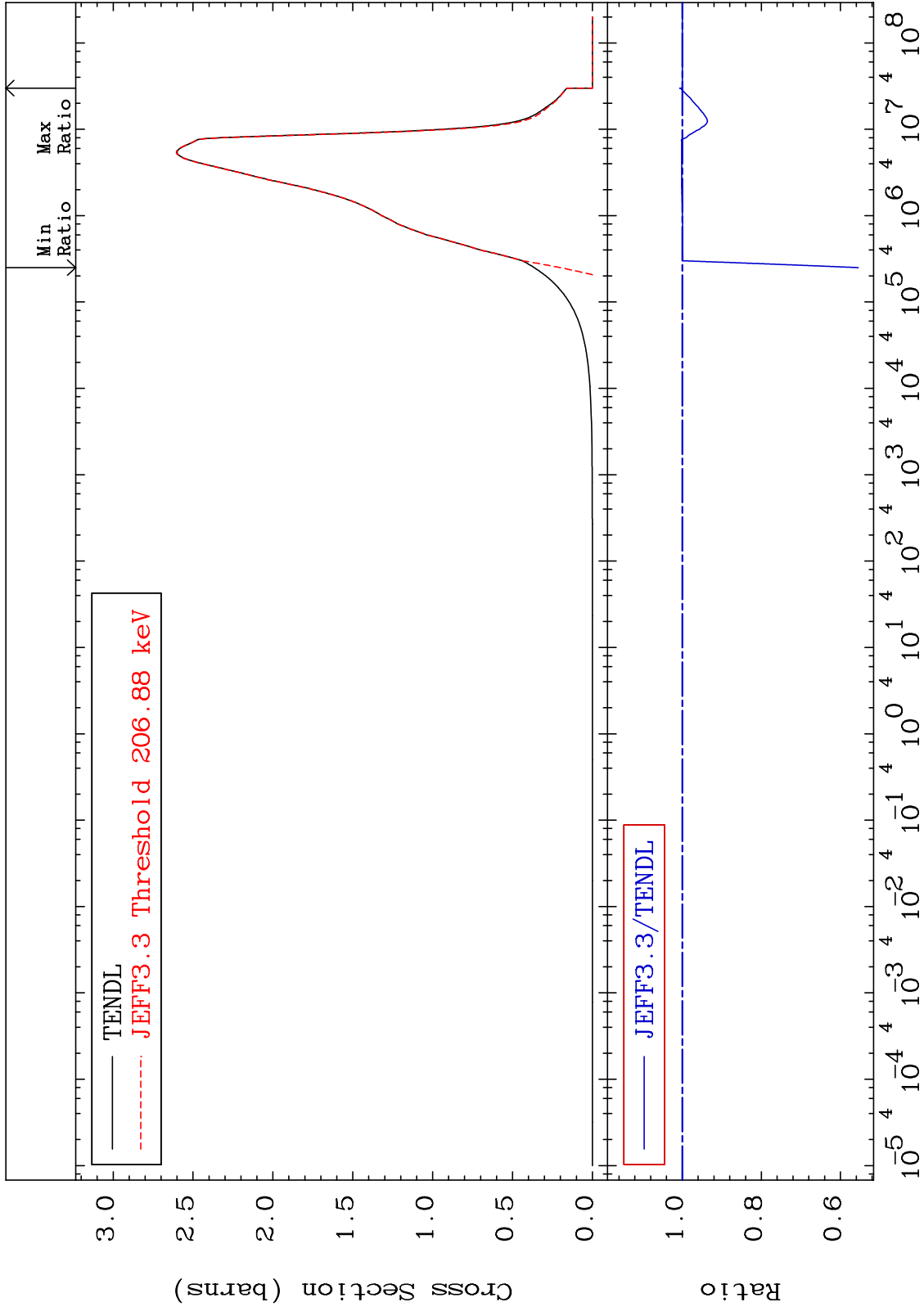
76-0s-192

MAT 7649

Inelastic: 76-0s-192g
Radionuclide Production Cross Section

76-0s-192

-44.52 To 0.623 %



Incident Energy (eV)

76-0s-192

72

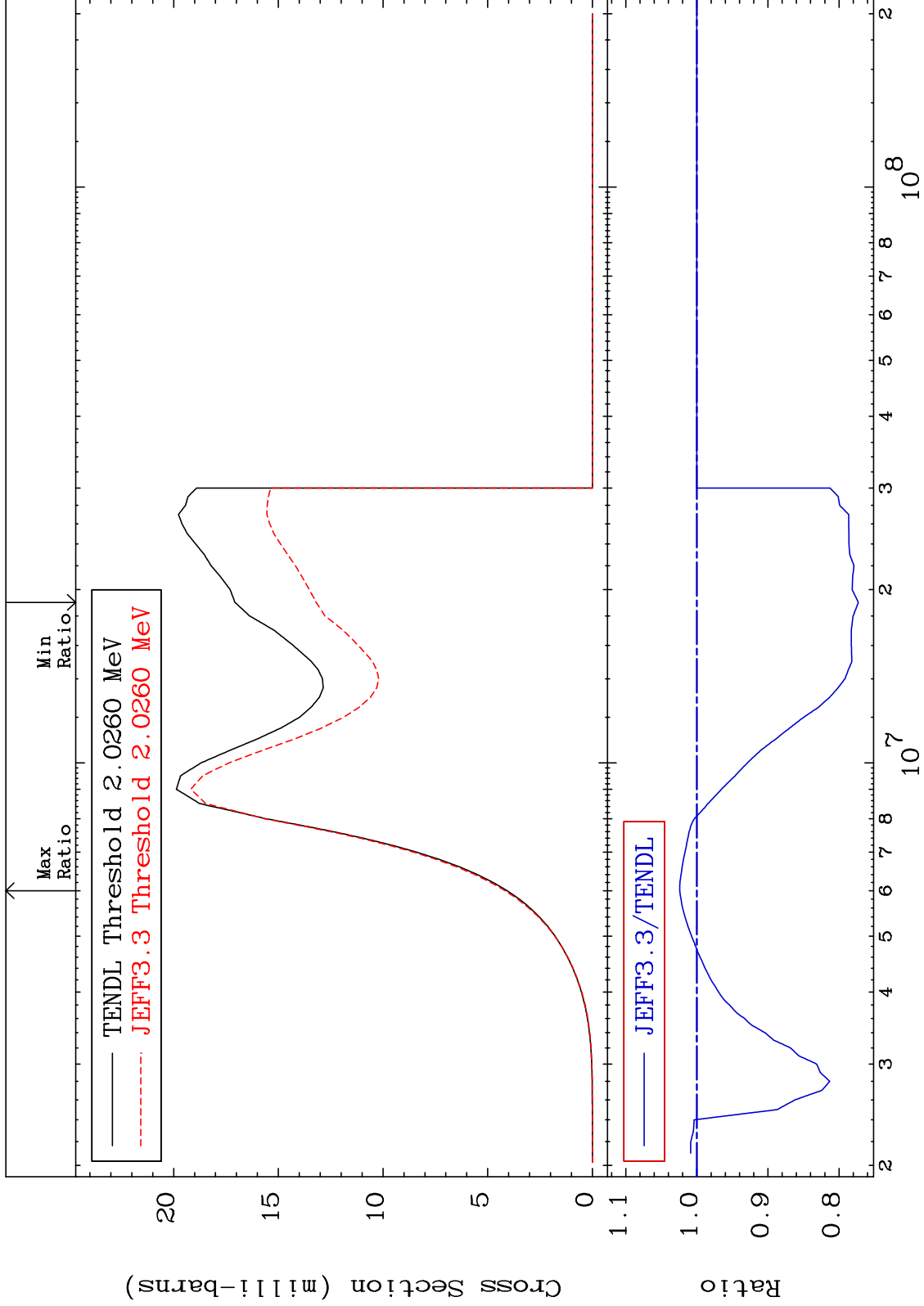
MAT 7649

Inelastic: 76-0s-192m30

76-0s-192

Radionuclide Production Cross Section

-22.72 To 2.399 %



73

Incident Energy (eV)

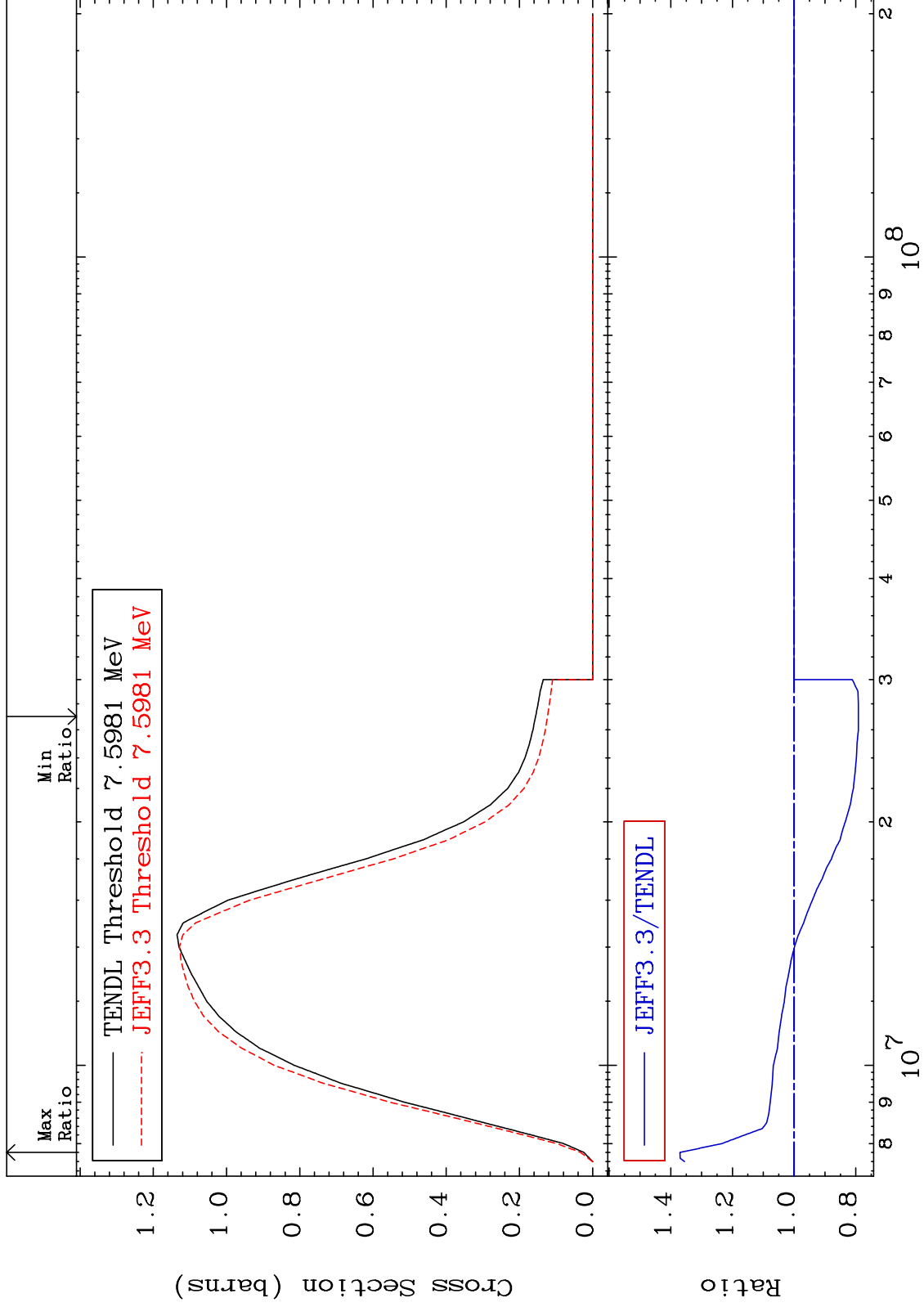
76-0s-192

MAT 7649

(n,2n):76-0s-191g

76-0s-192

Radionuclide Production Cross Section -20.85 To 37.00 %



74

Incident Energy (eV)

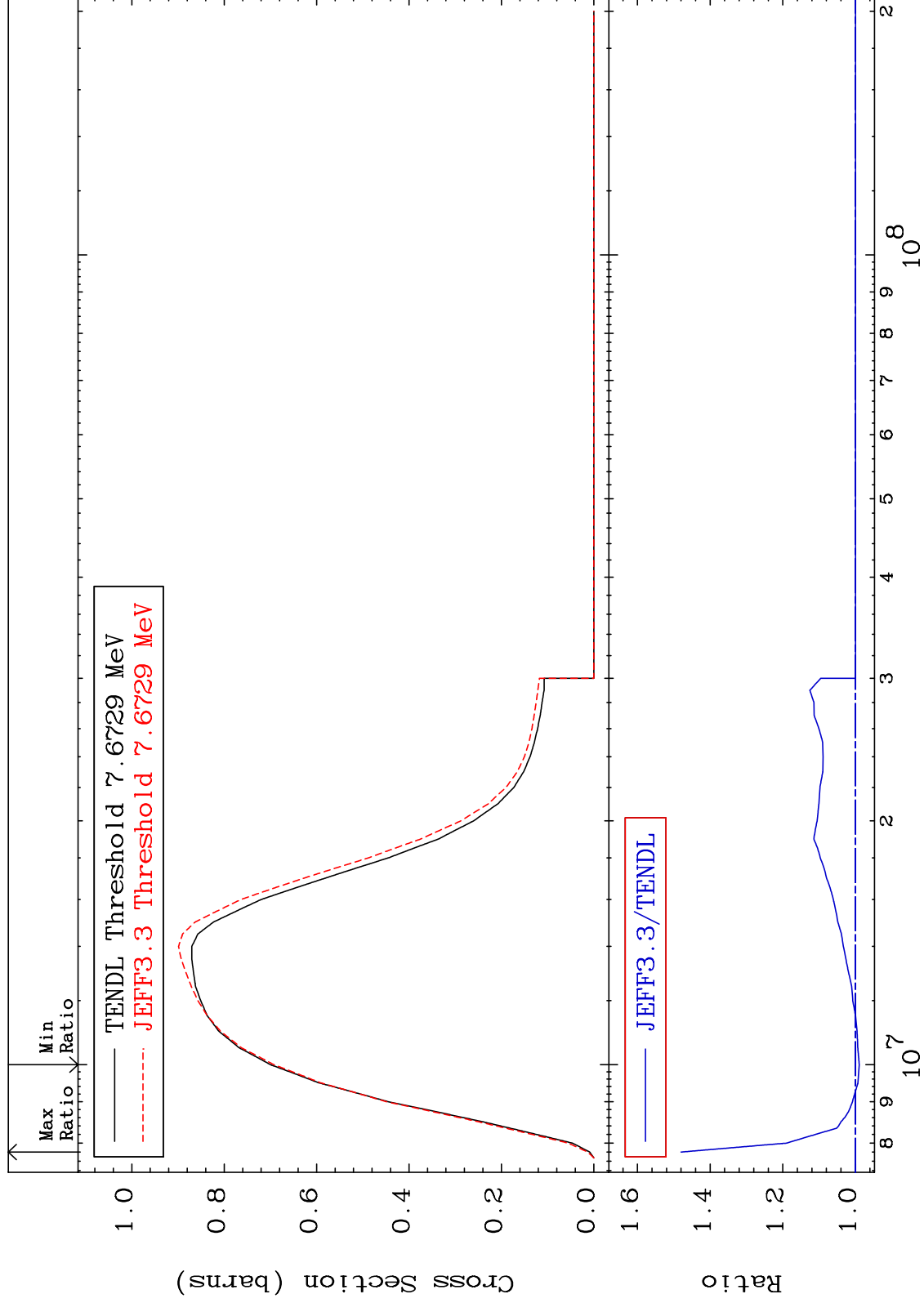
76-0s-192

MAT 7649

(n,2n): 76-Os-191m1

76-Os-192

Radionuclide Production Cross Section -1.056 To 48.01 %



75

Incident Energy (eV)

76-Os-192

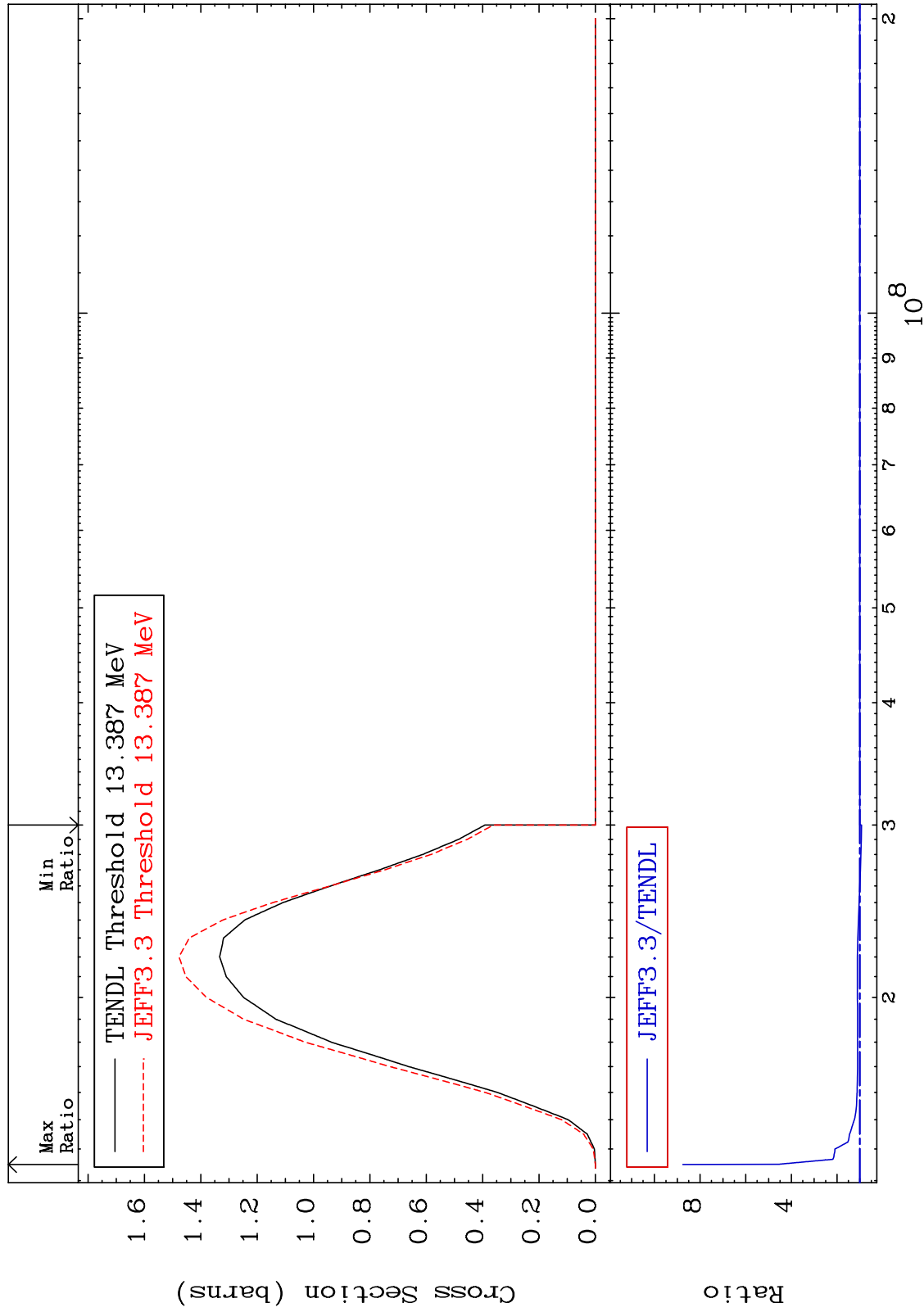
MAT 7649

(n,3n):76-0s-190g

76-0s-192

Radionuclide Production Cross Section

-7.525 To 775.6 %



76

Incident Energy (eV)

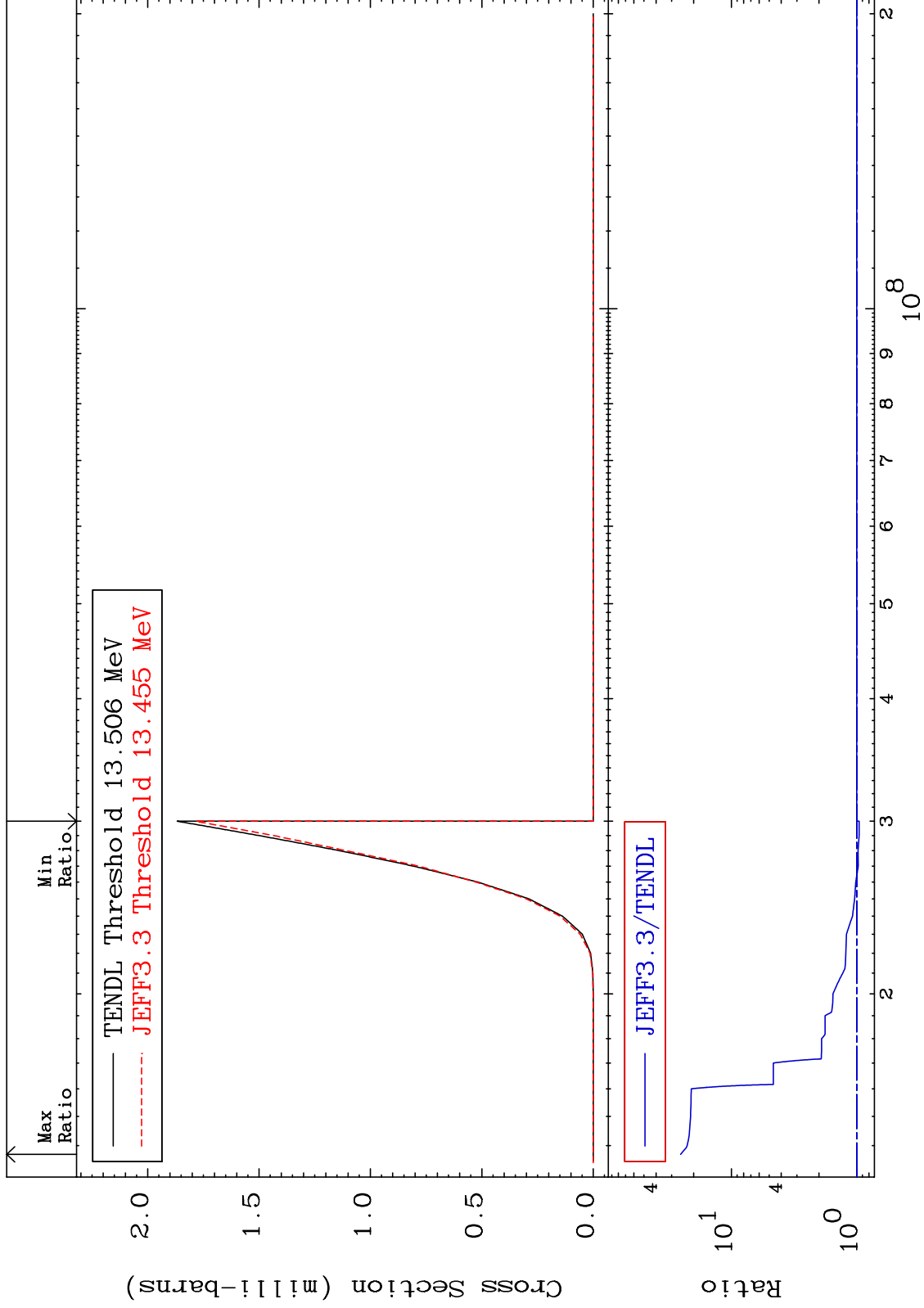
76-0s-192

MAT 7649

(n, n') d:75-Re-190g

76-0s-192

Radionuclide Production Cross Section -4.425 To 2444. %

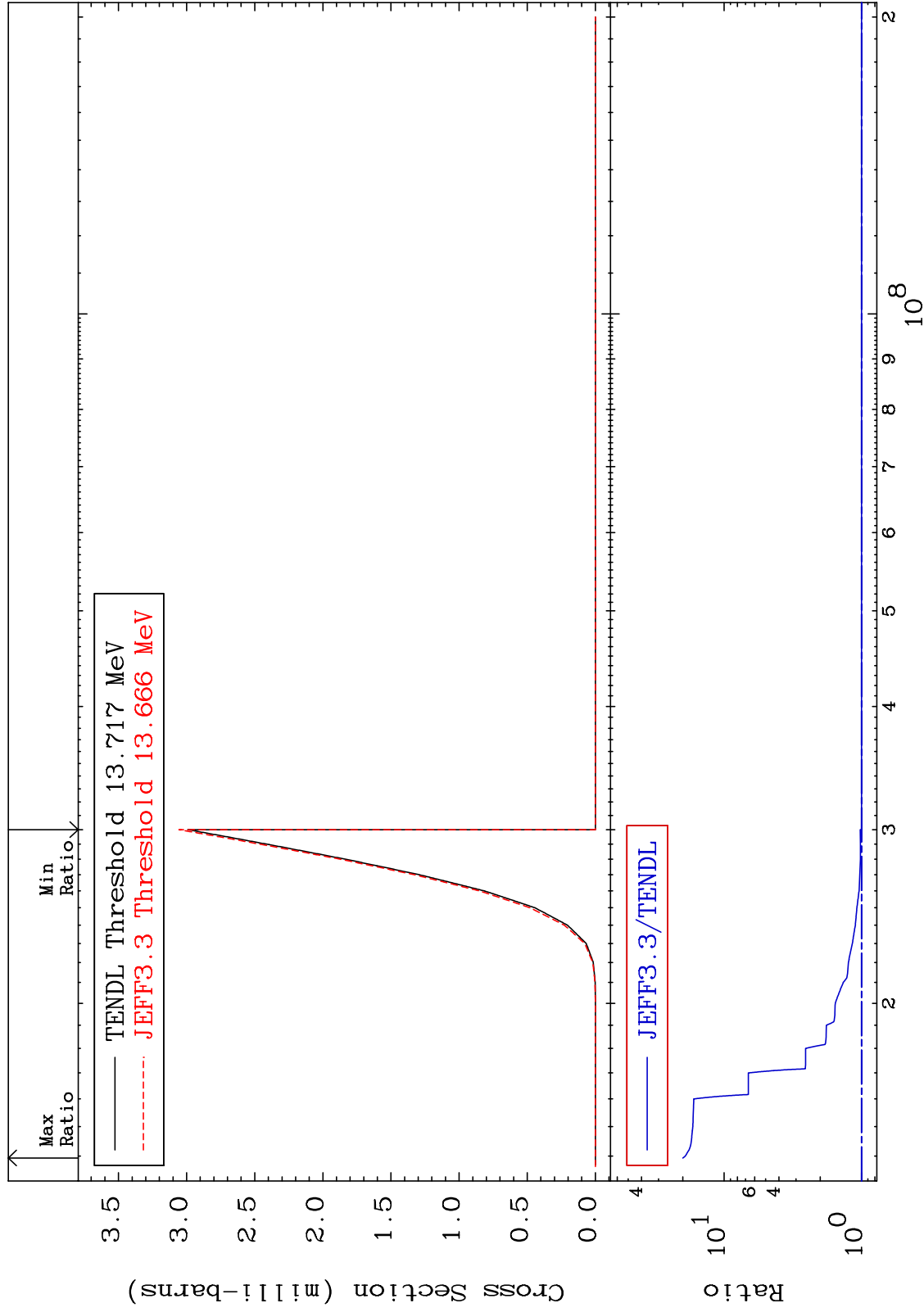


MAT 7649

(n, n') d:75-Re-190m3

76-0s-192

Radionuclide Production Cross Section 0.000 To 1899. %



78

Incident Energy (eV)

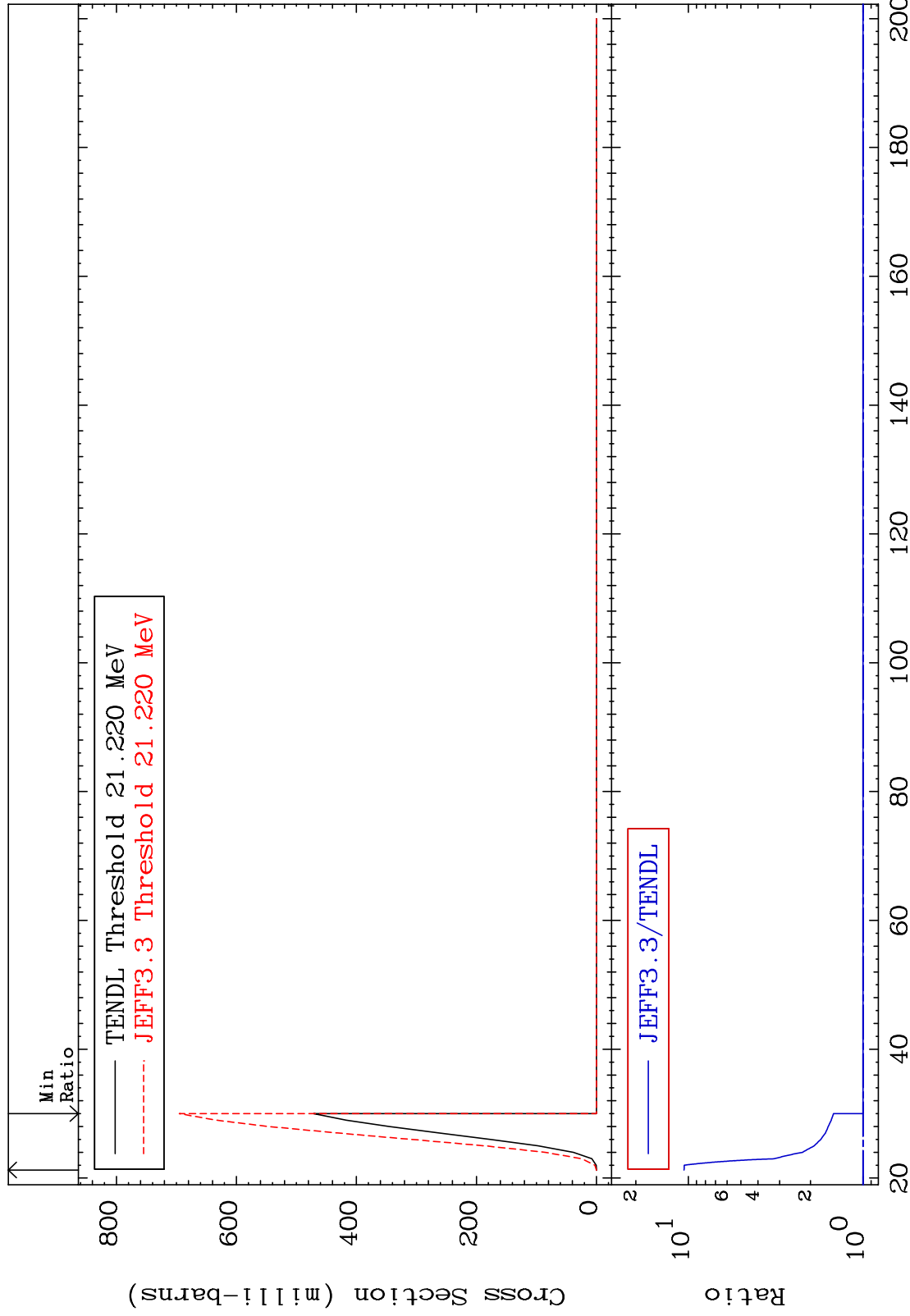
76-0s-192

MAT 7649

(n,4n):76-0s-189g

76-0s-192

Radionuclide Production Cross Section 0.000 To 959.2 %



79

Incident Energy (MeV)

76-0s-192

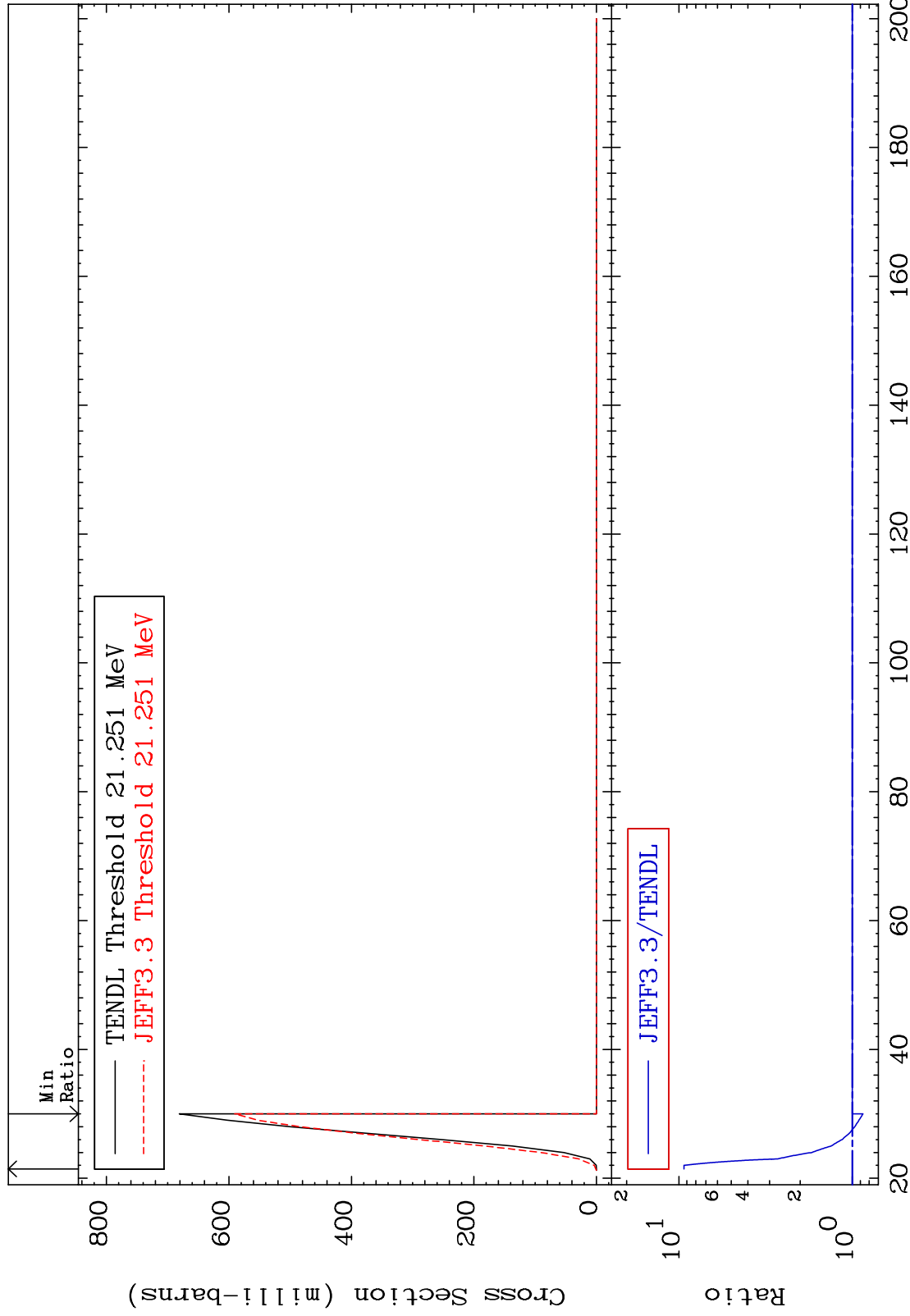
MAT 7649

(n, 4n): 76-Os-189m1

76-Os-192

Radionuclide Production Cross Section

-13.25 To 834.5 %



80

Incident Energy (MeV)

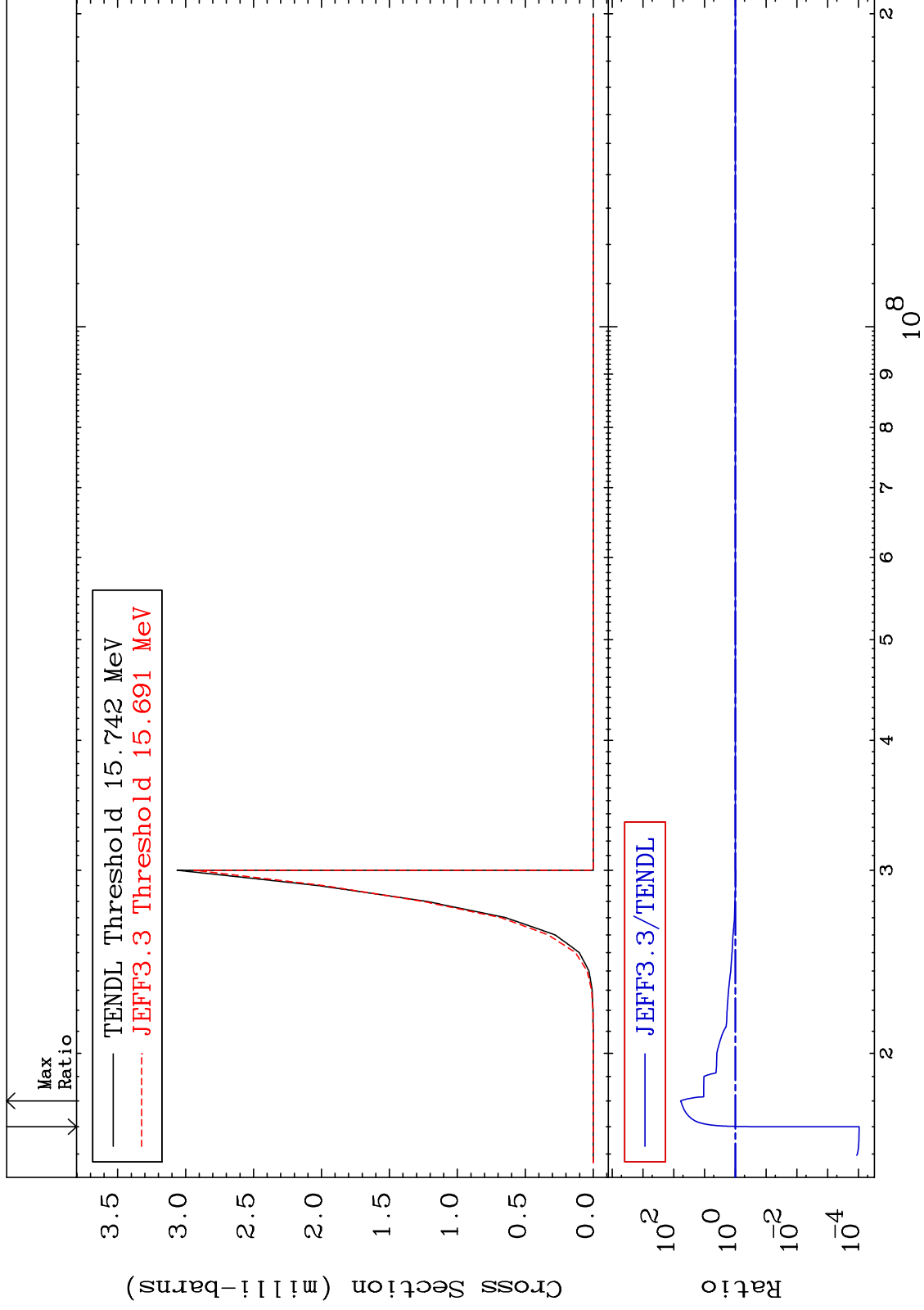
76-Os-192

MAT 7649

(n,2n) p:75-Re-190g

76-0s-192

Radionuclide Production Cross Section -99.99 To 5860. %

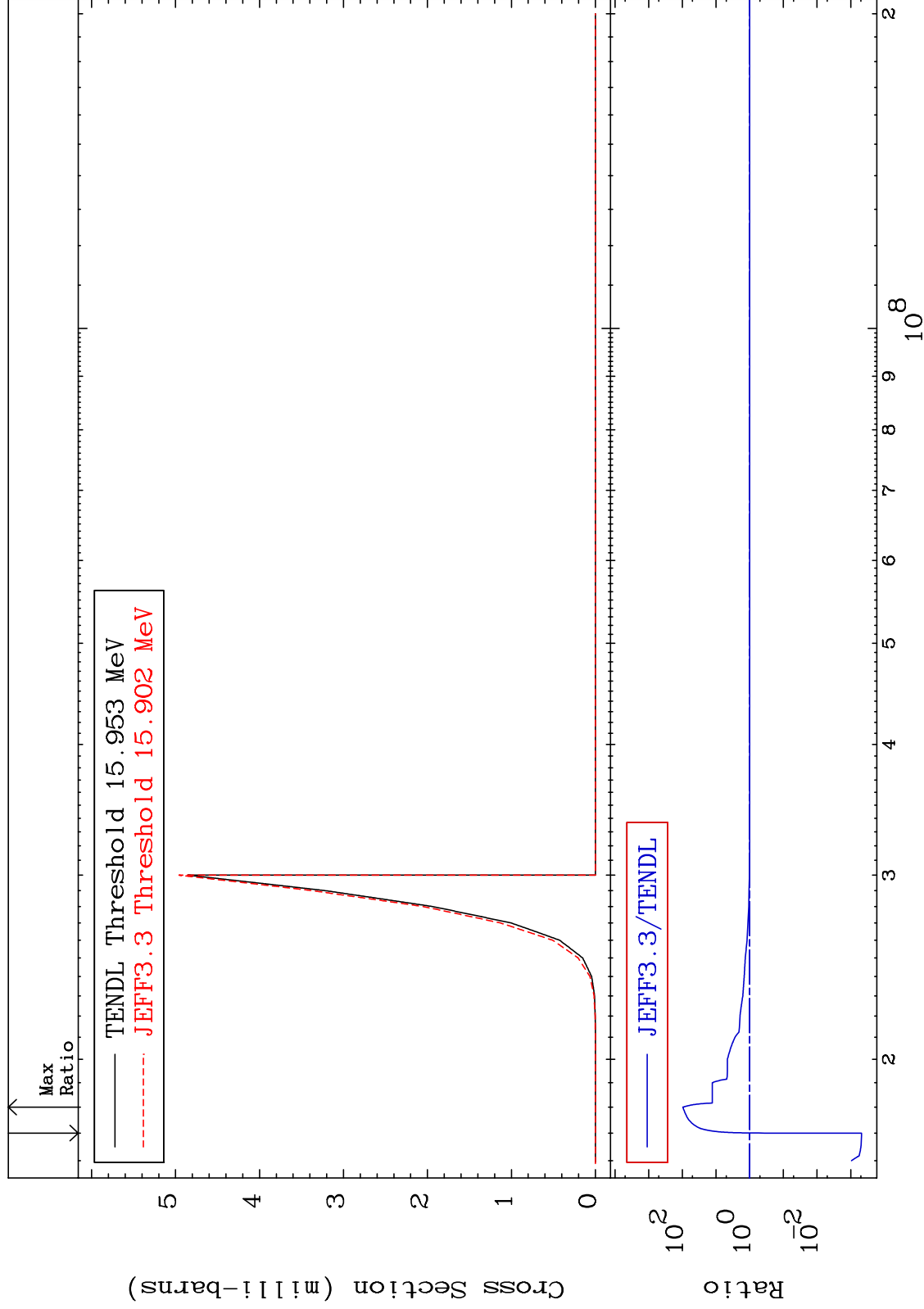


MAT 7649

(n,2n) p:75-Re-190m3

76-0s-192

Radionuclide Production Cross Section -99.95 To 9559. %



82

Incident Energy (eV)

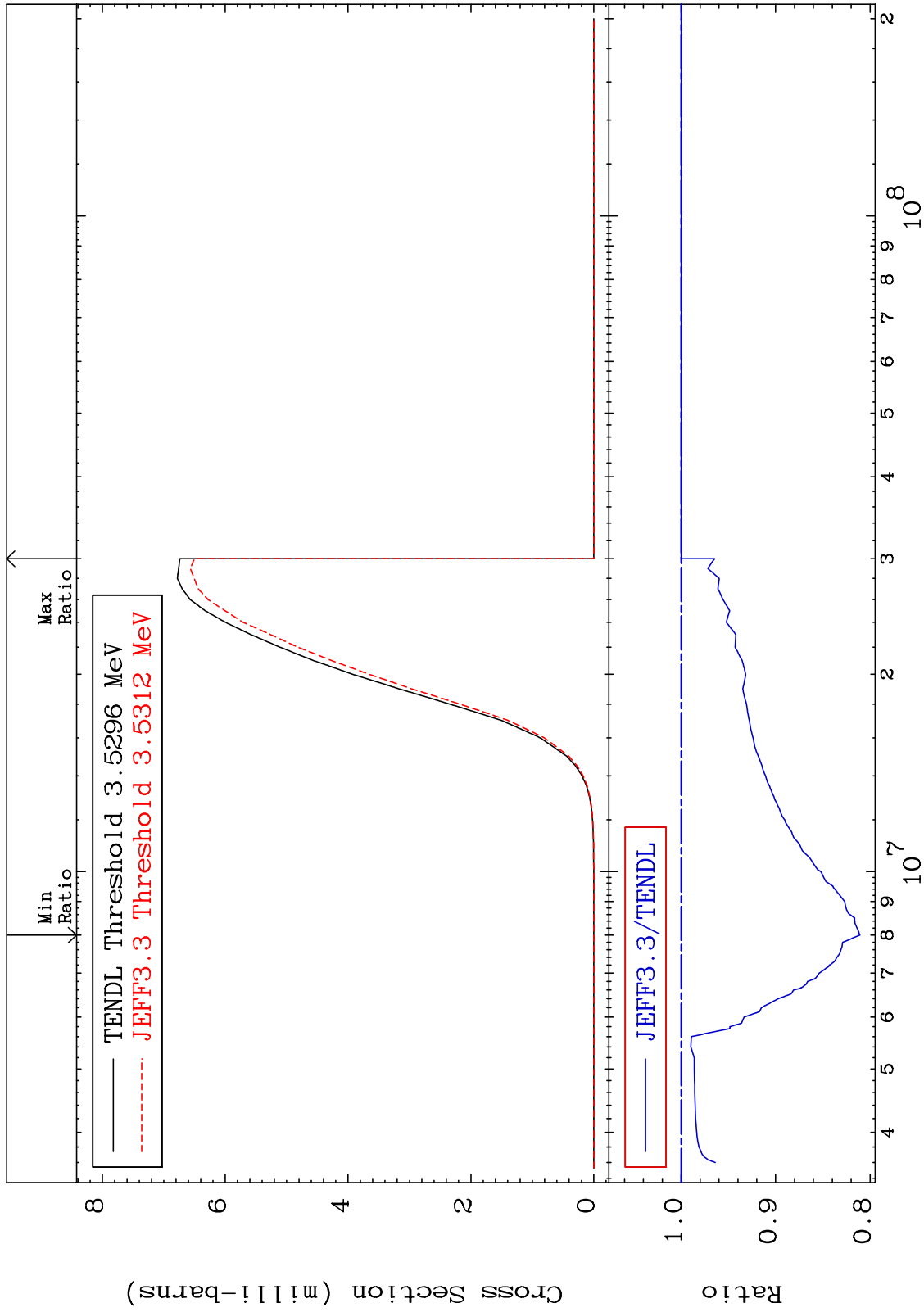
76-0s-192

MAT 7649

76-0s-192

(n,p): 75-Re-192g

Radionuclide Production Cross Section -18.93 To 0.000 %



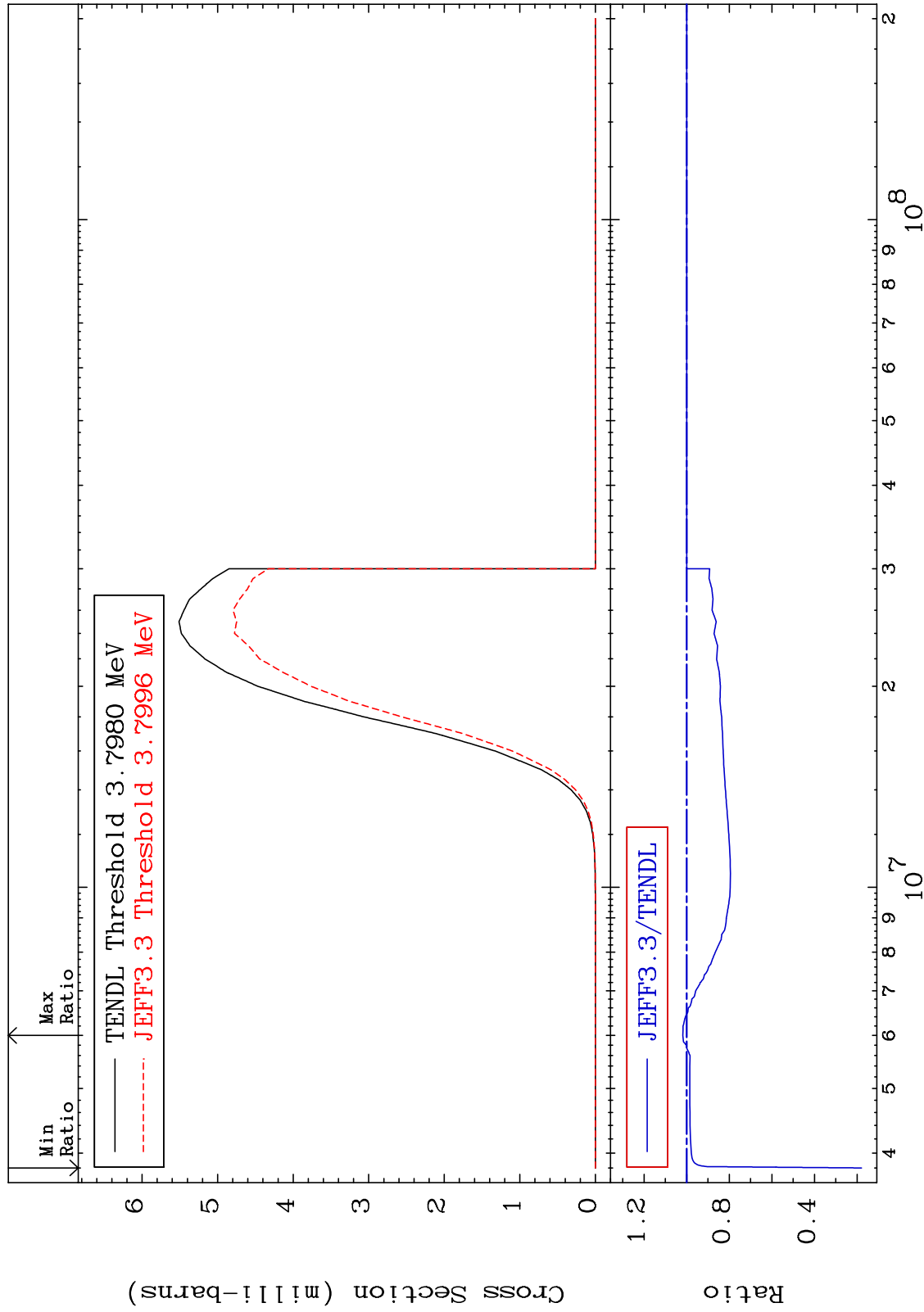
MAT 7649

(n, p) : 75-Re-192m2

76-0s-192

Radionuclide Production Cross Section

-82.08 To 1.812 %



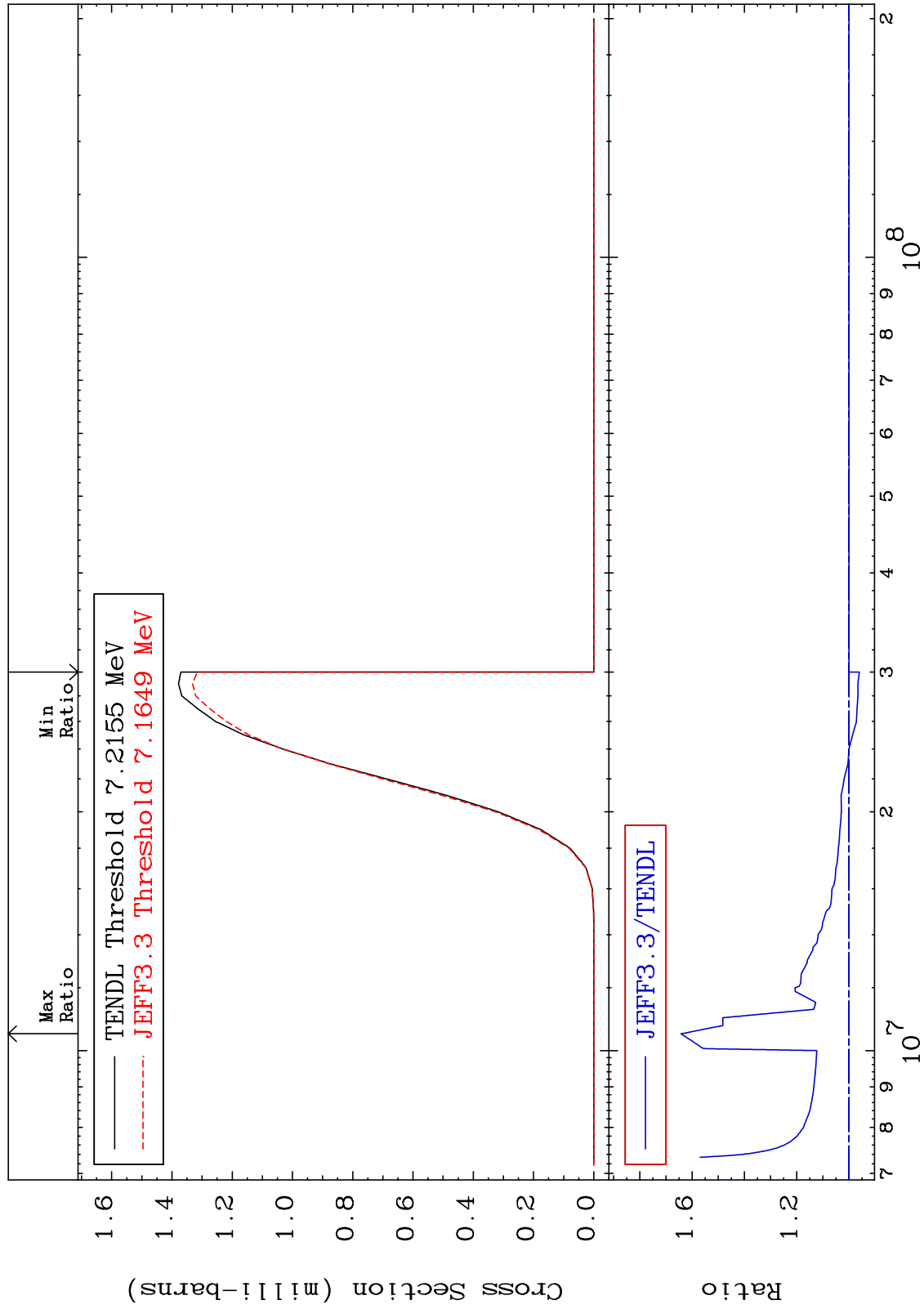
MAT 7649

(n, t): 75-Re-190g

76-0s-192

Radionuclide Production Cross Section

-3.918 To 64.25 %



85

Incident Energy (eV)

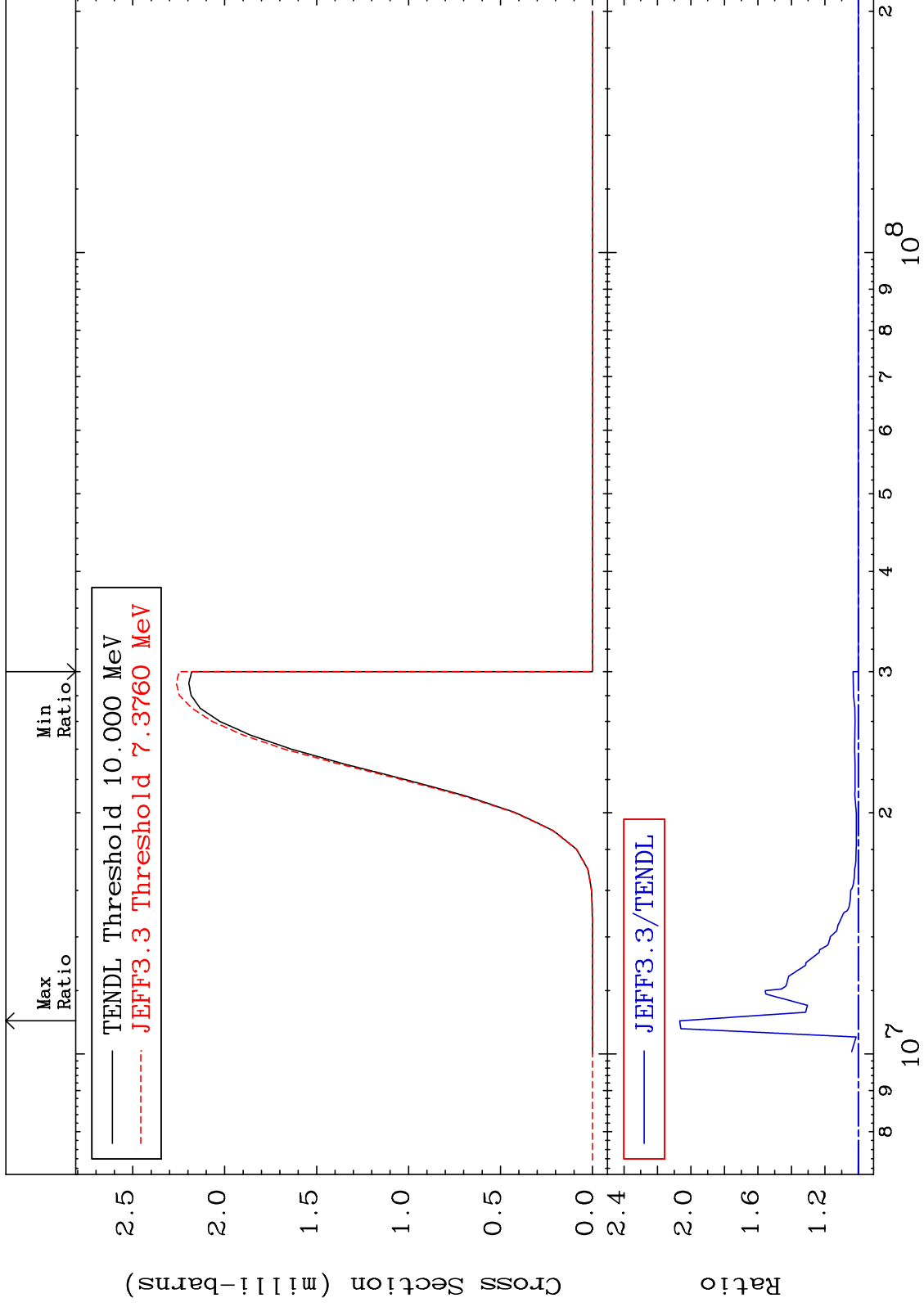
76-0s-192

MAT 7649

(n, t) : 75-Re-190m3

76-0s-192

Radionuclide Production Cross Section 0.000 To 106.7 %



86

Incident Energy (eV)

76-0s-192