

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

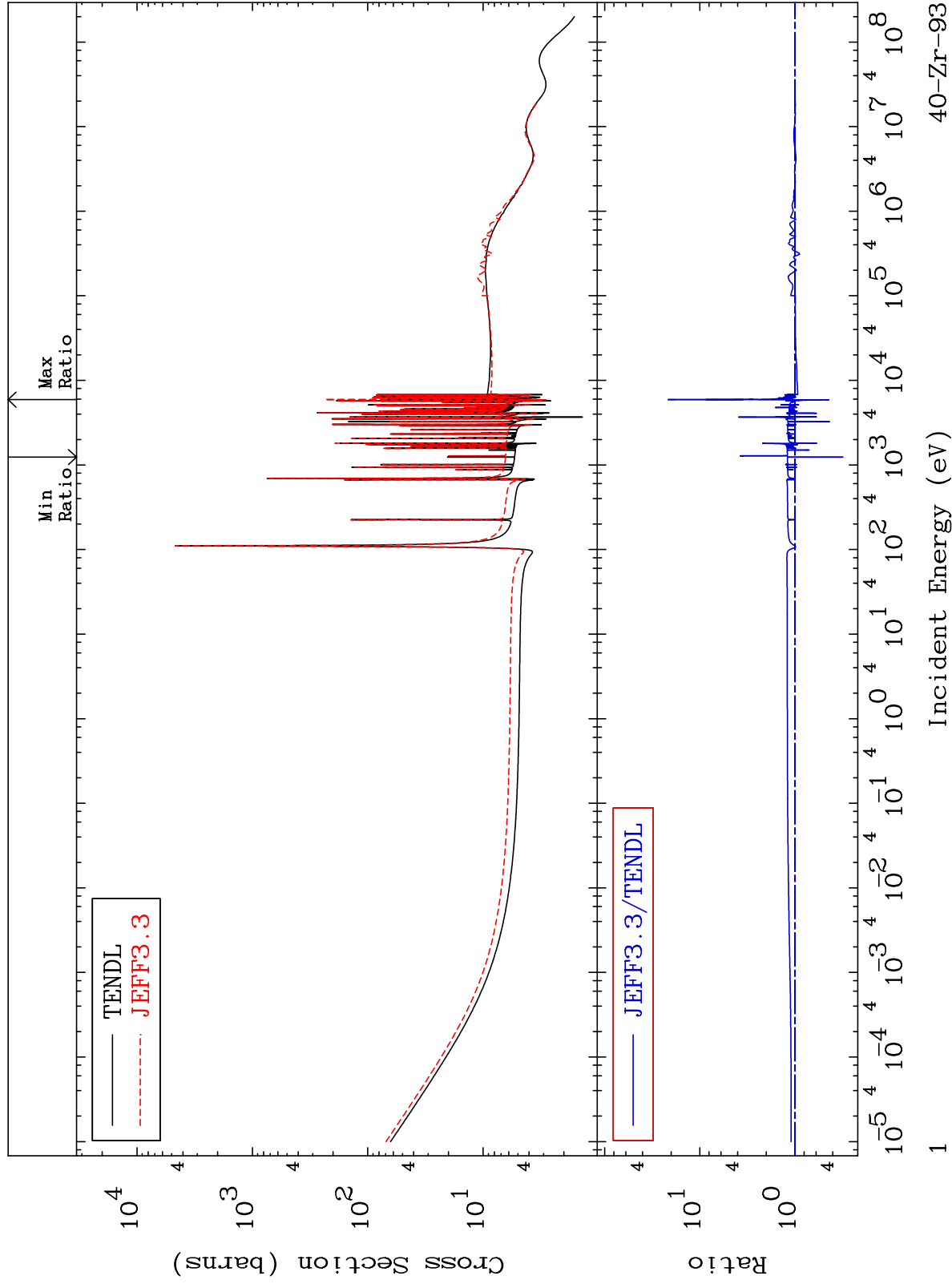
MAT 4034

Total

40-Zr-93

Cross Section

-68.66 To 2061. %



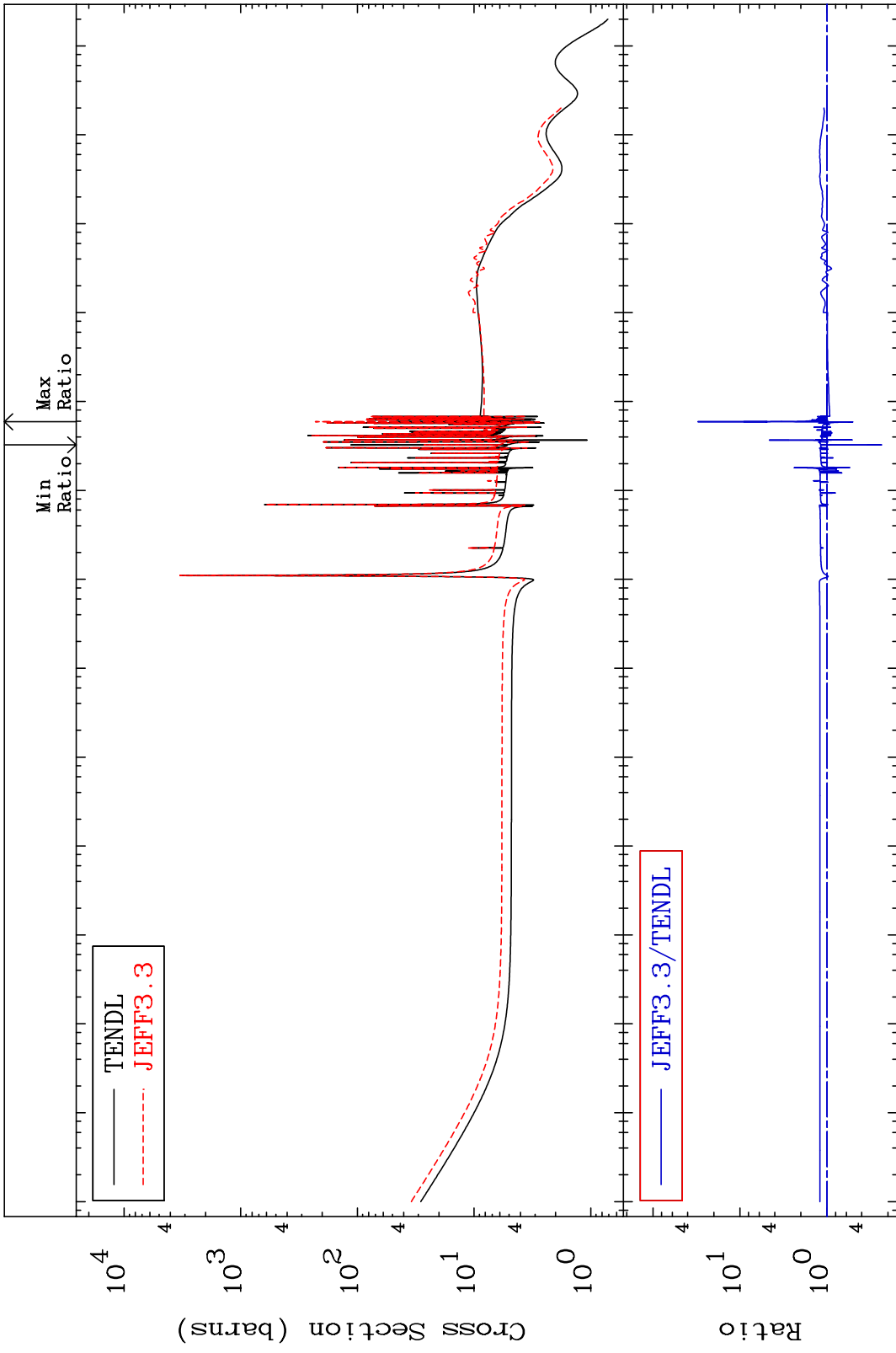
MAT 4034

Elastic

40-Zr-93

Cross Section

-76.29 To 2959. %



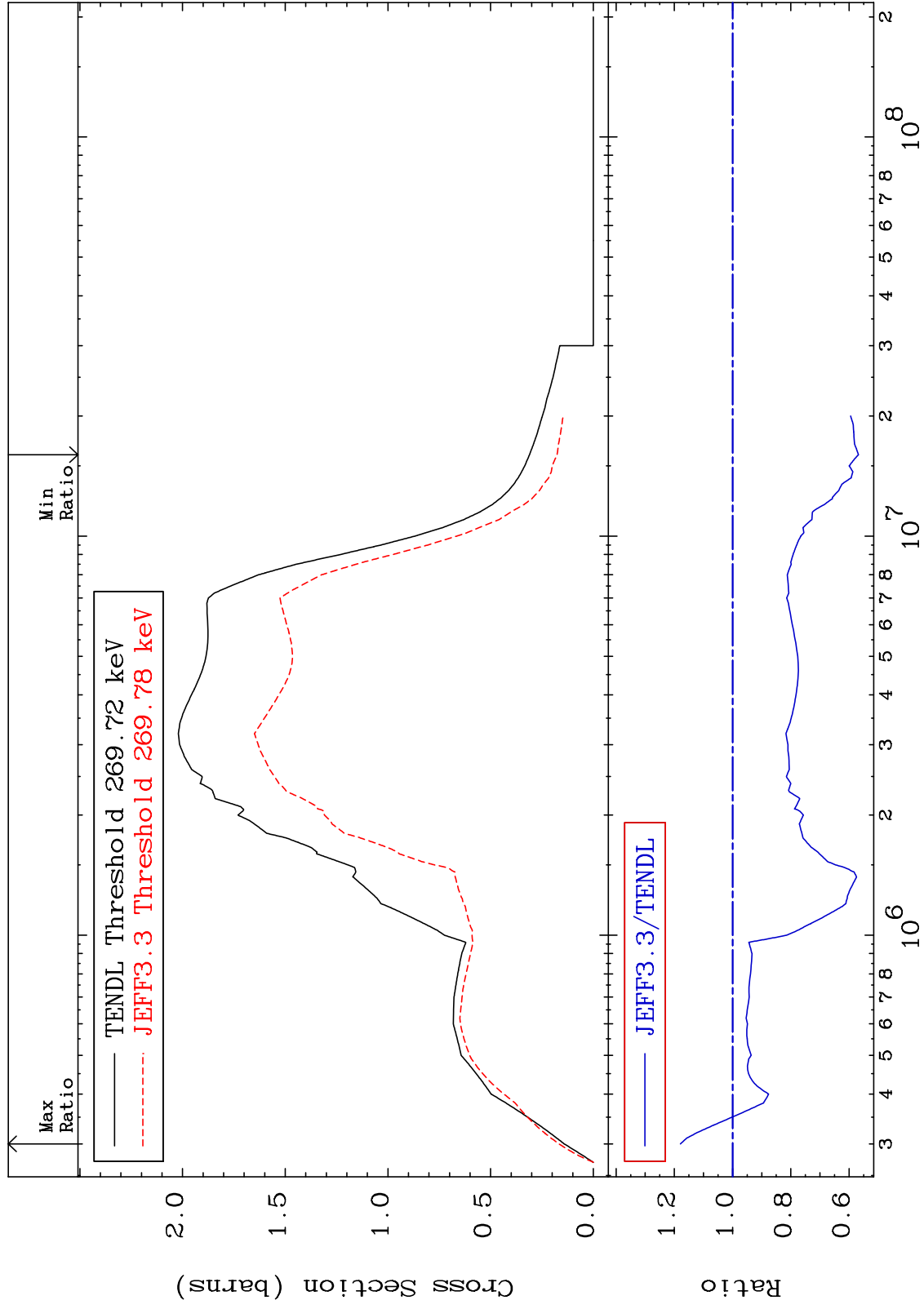
40-Zr-93

2

MAT 4034

Inelastic
Cross Section

40-Zr-93
-43.24 To 17.90 %



3

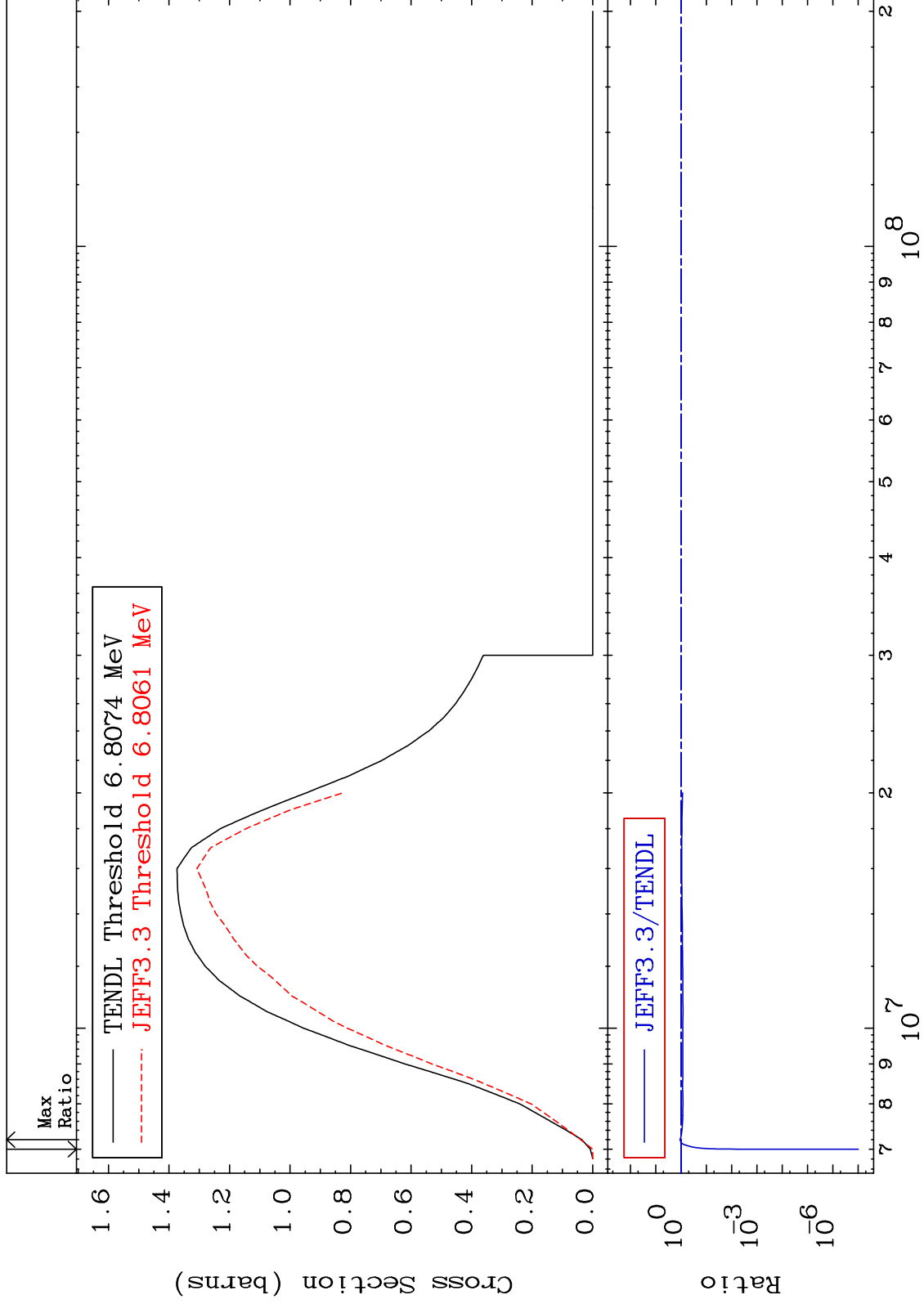
MAT 4034

(n,2n)

40-Zr-93

Cross Section

-100.0 To 10.17 %



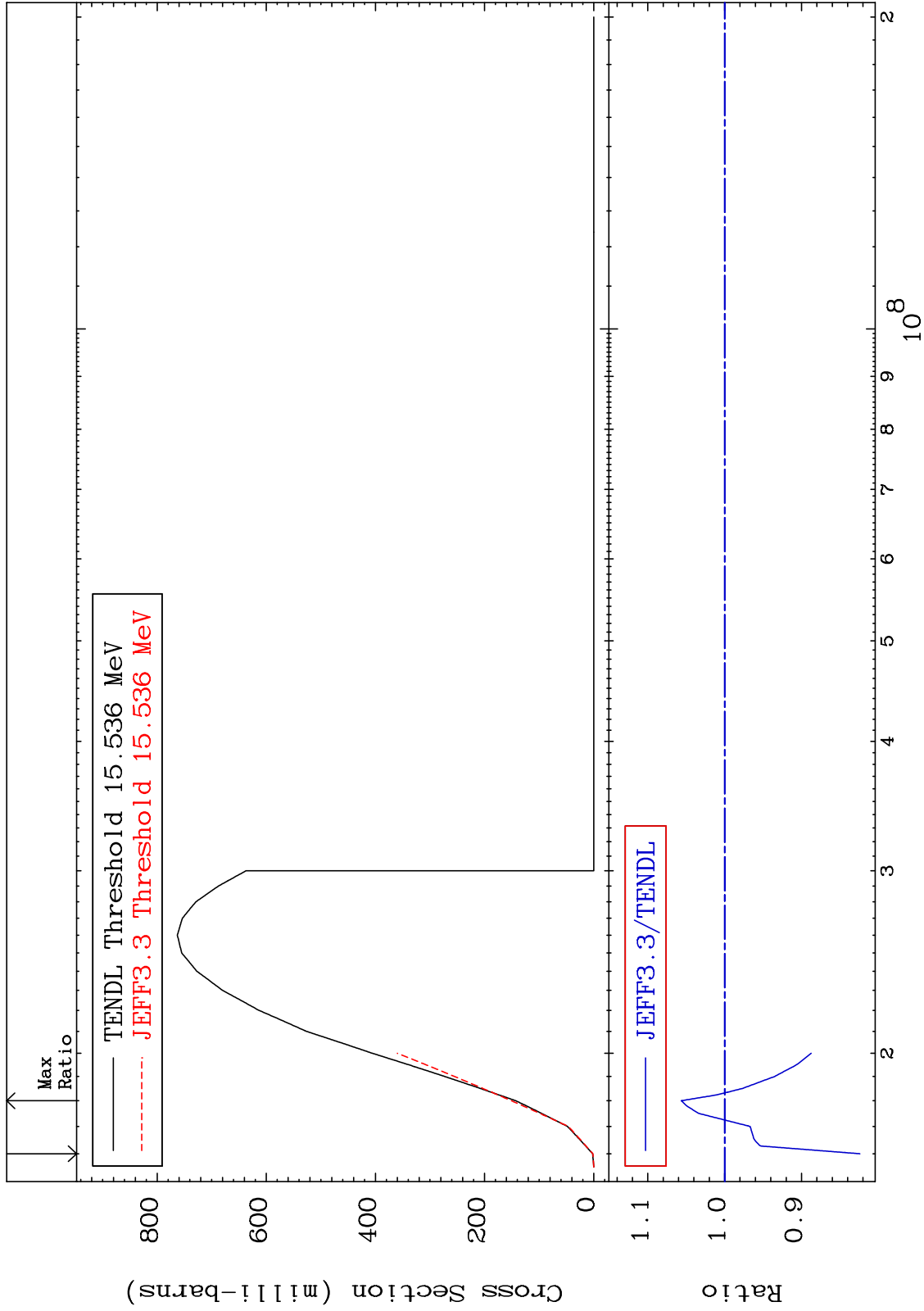
MAT 4034

(n, 3n)

40-Zr-93

Cross Section

-17.60 To 5.654 %



5

Incident Energy (eV)

40-Zr-93

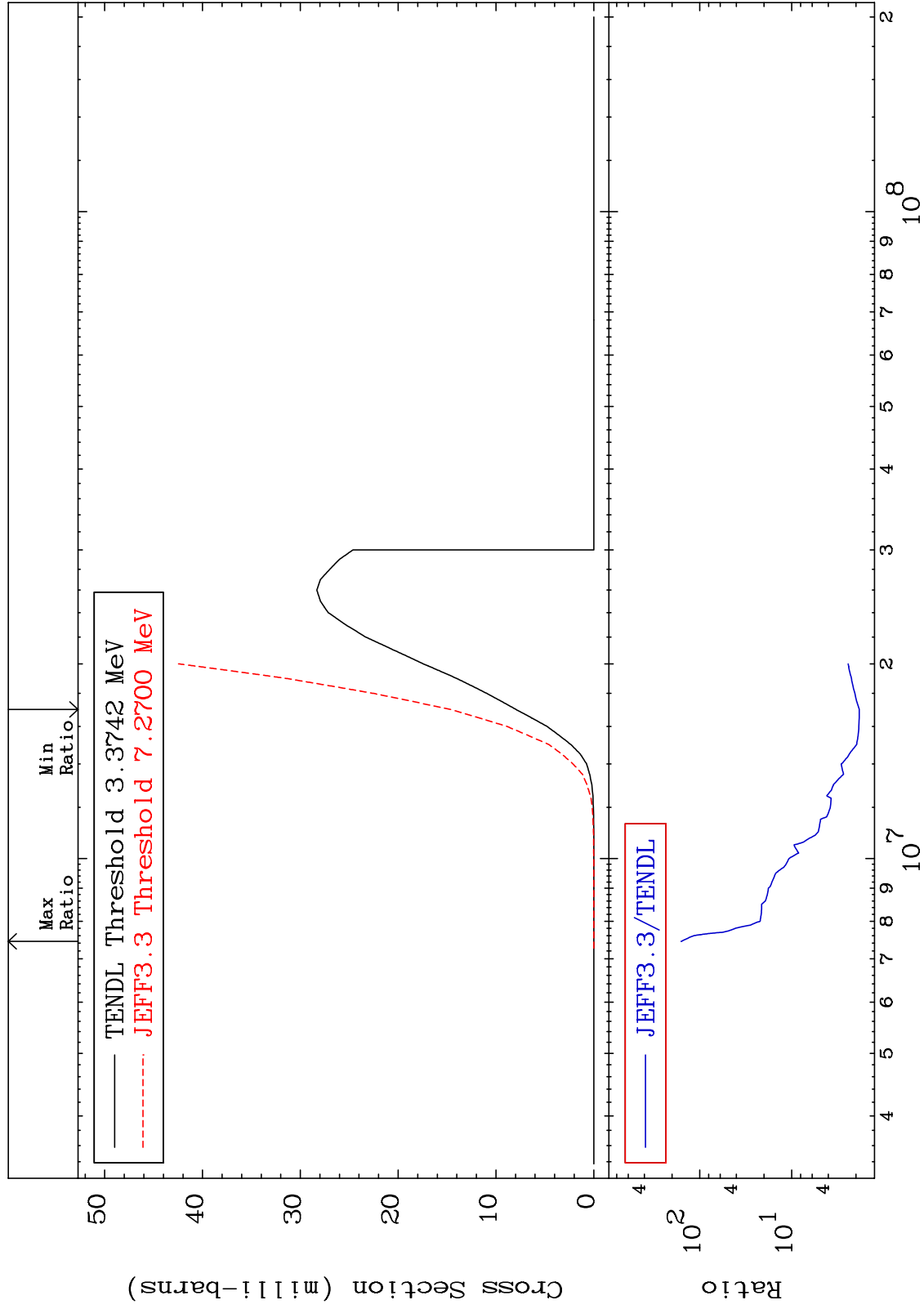
MAT 4034

(n,n') α

40-Zr-93

83.94 To 9999. %

Cross Section



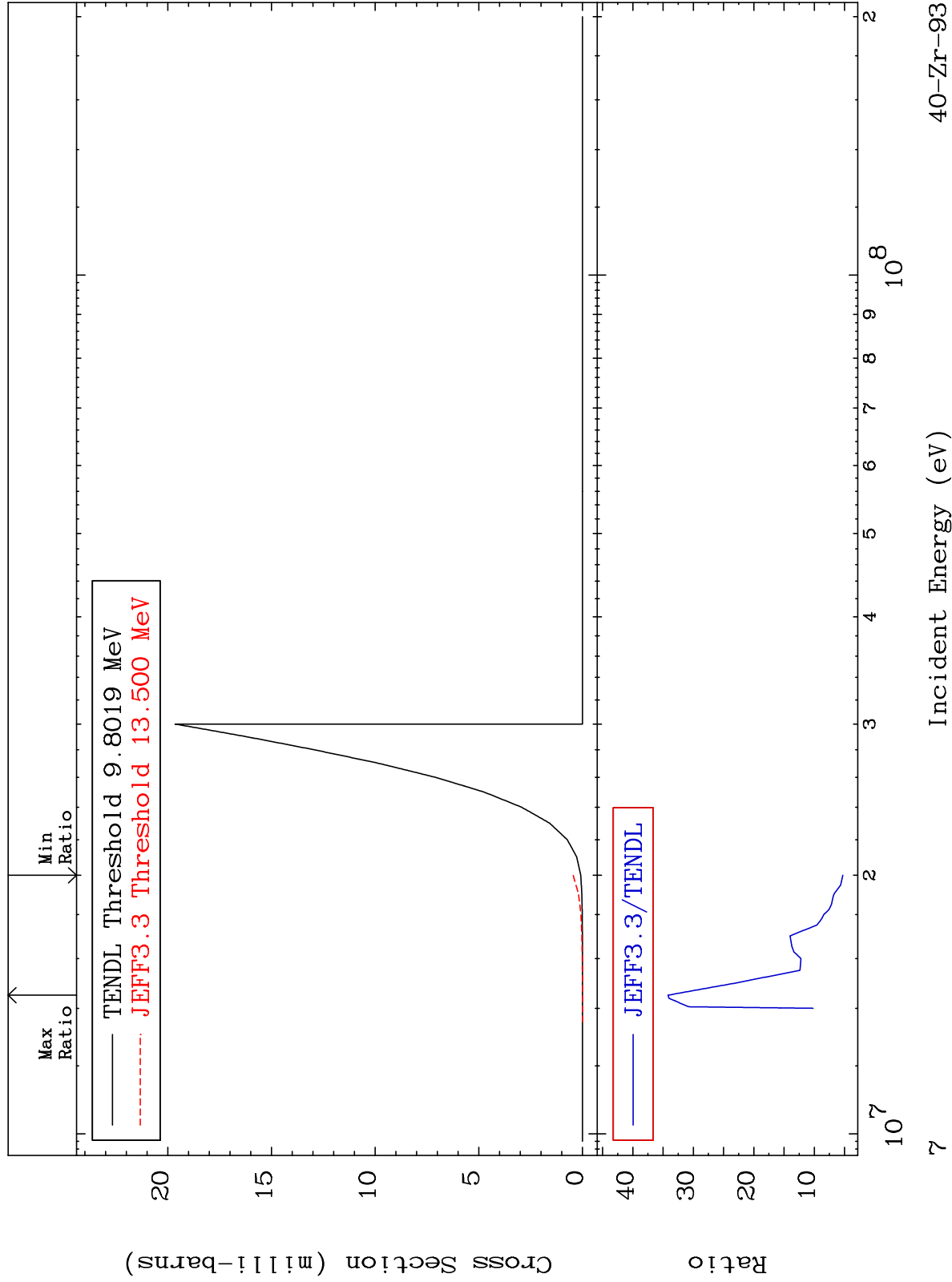
MAT 4034

(n,2n) α

40-Zr-93

428.2 To 3318. %

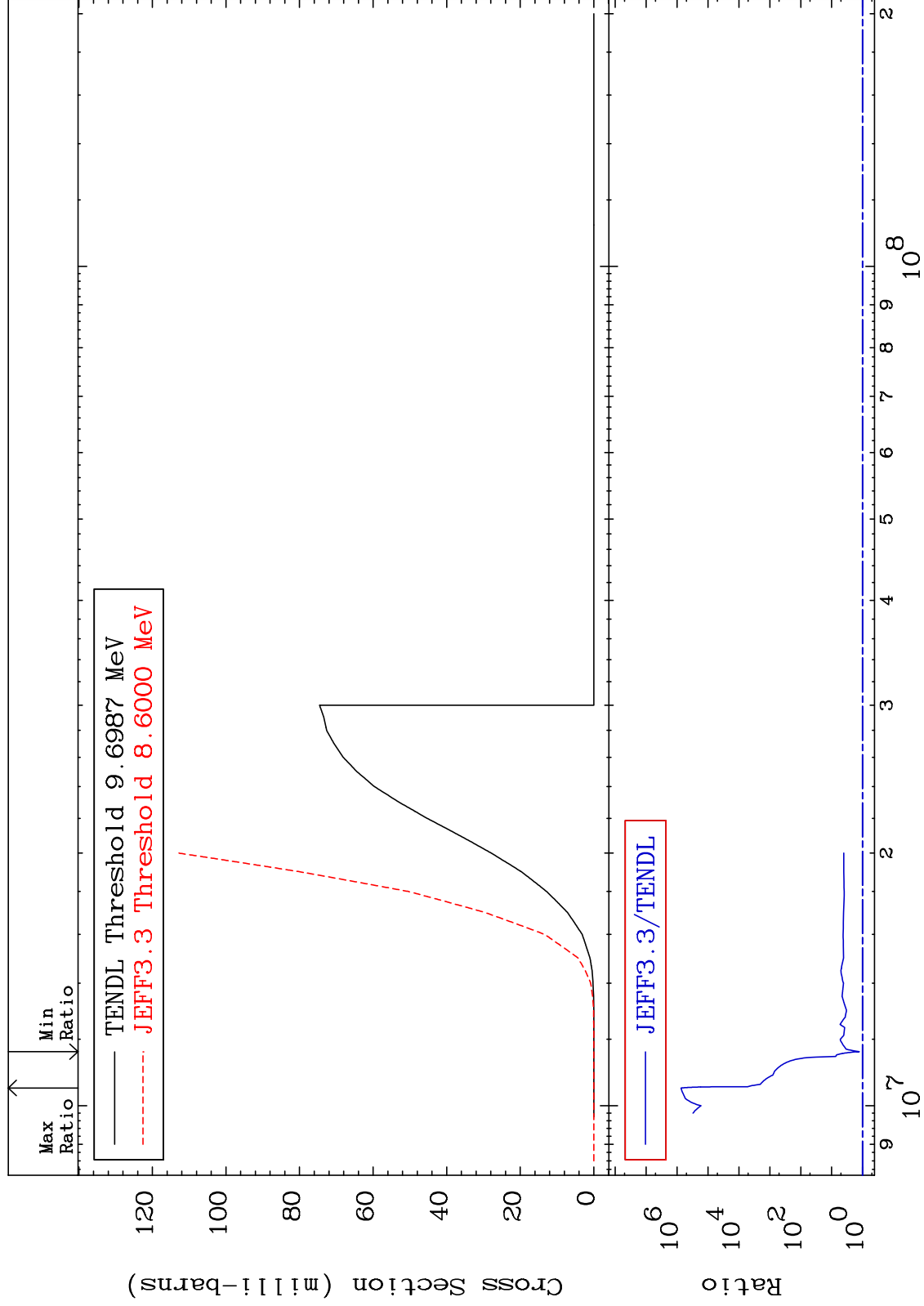
Cross Section



MAT 4034

(n,n') p
Cross Section

40-Zr-93
27.77 To 9999. %



8

Incident Energy (eV)

40-Zr-93

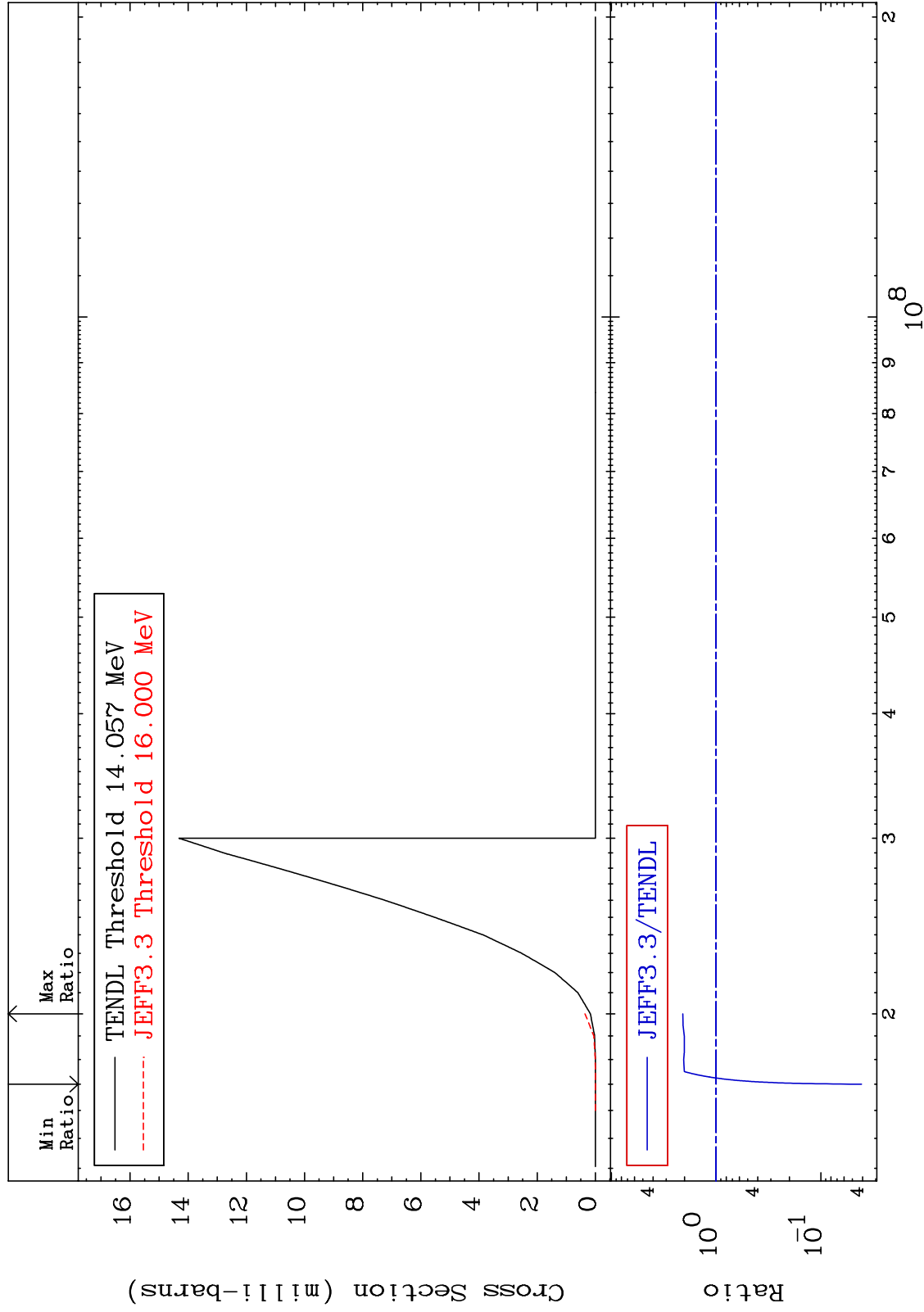
MAT 4034

(n, n') d

40-Zr-93

Cross Section

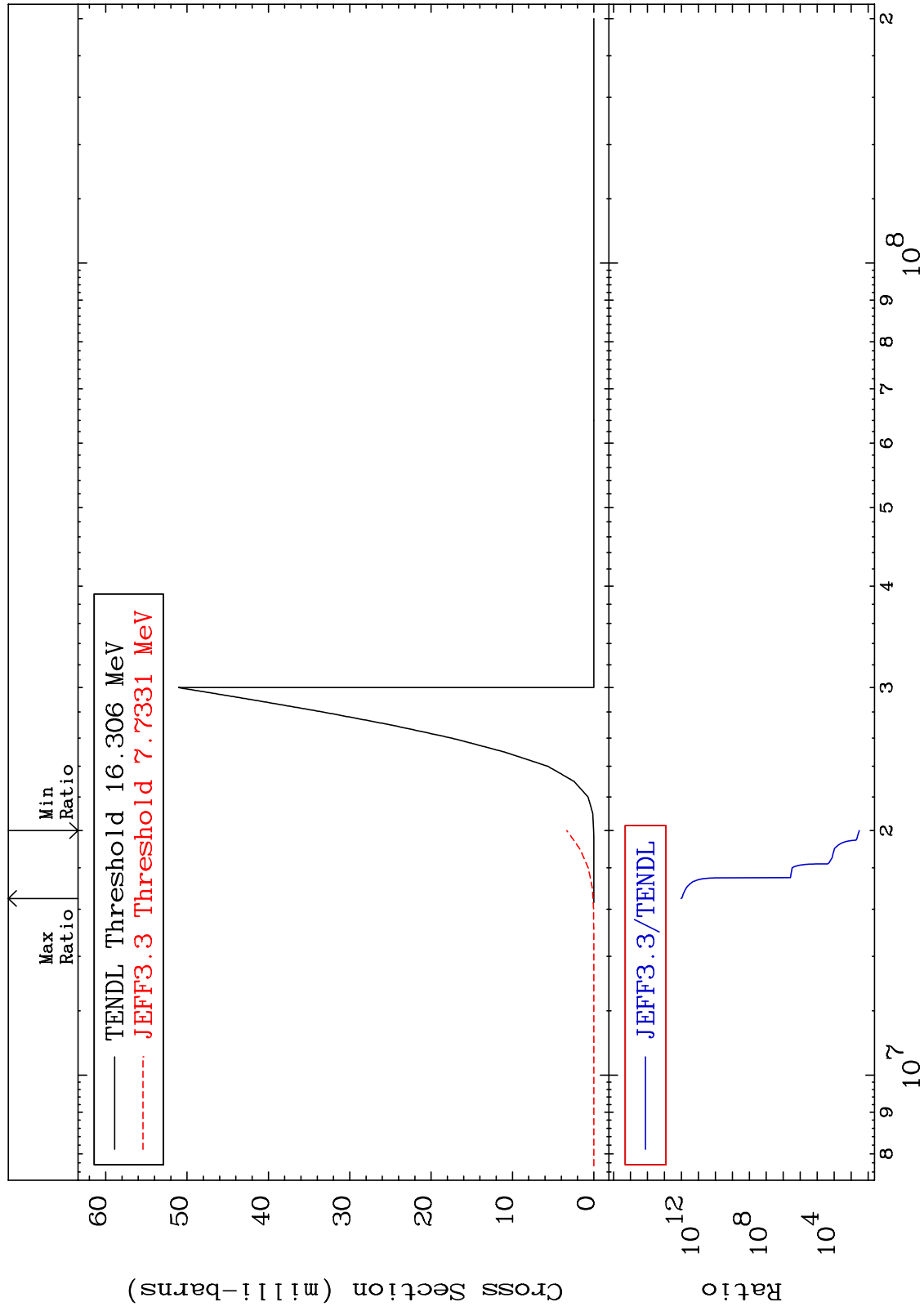
-95.91 To 107.6 %



MAT 4034

(n,2n) p
Cross Section

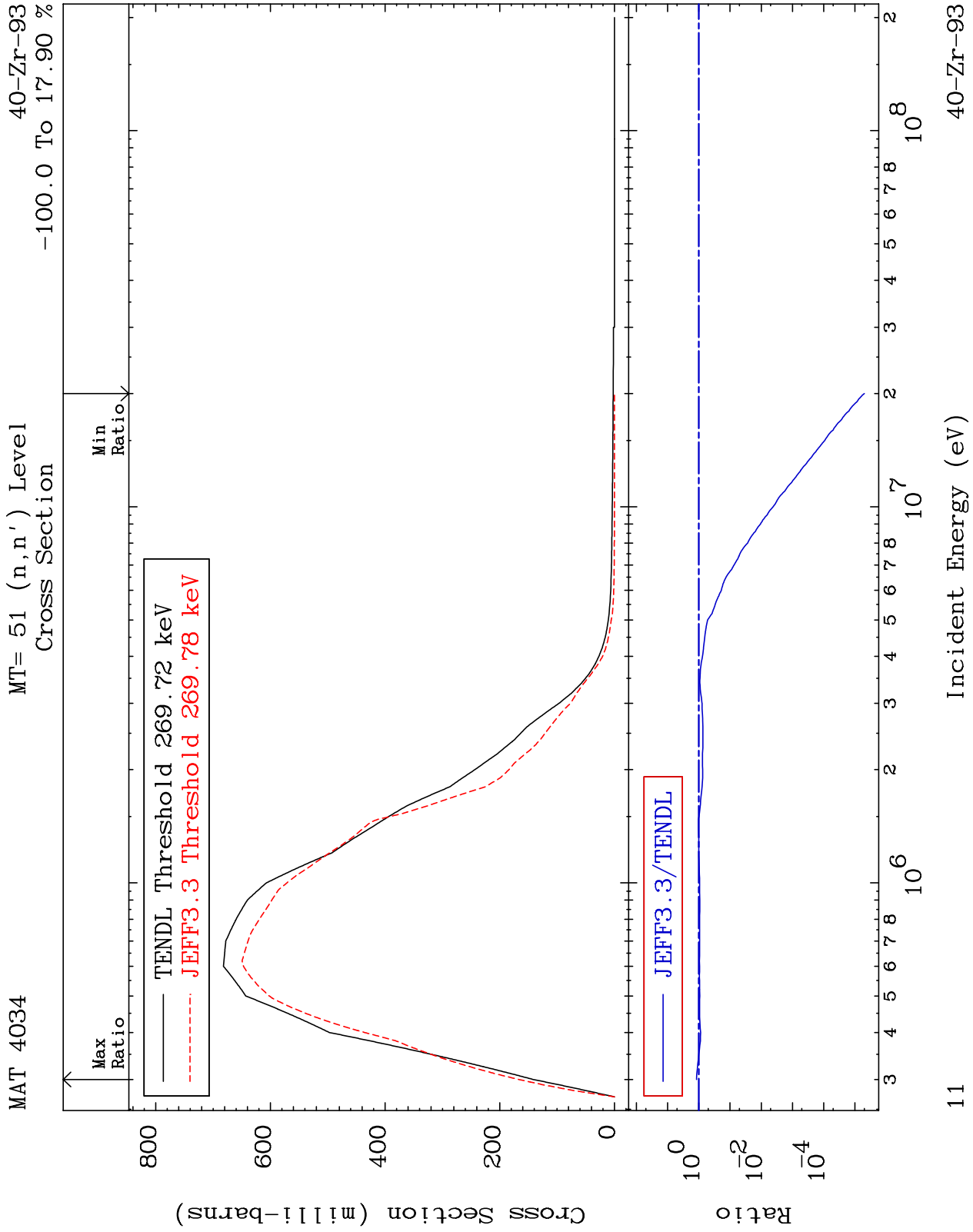
40-Zr-93
9999. To 9999. %



10

40-Zr-93

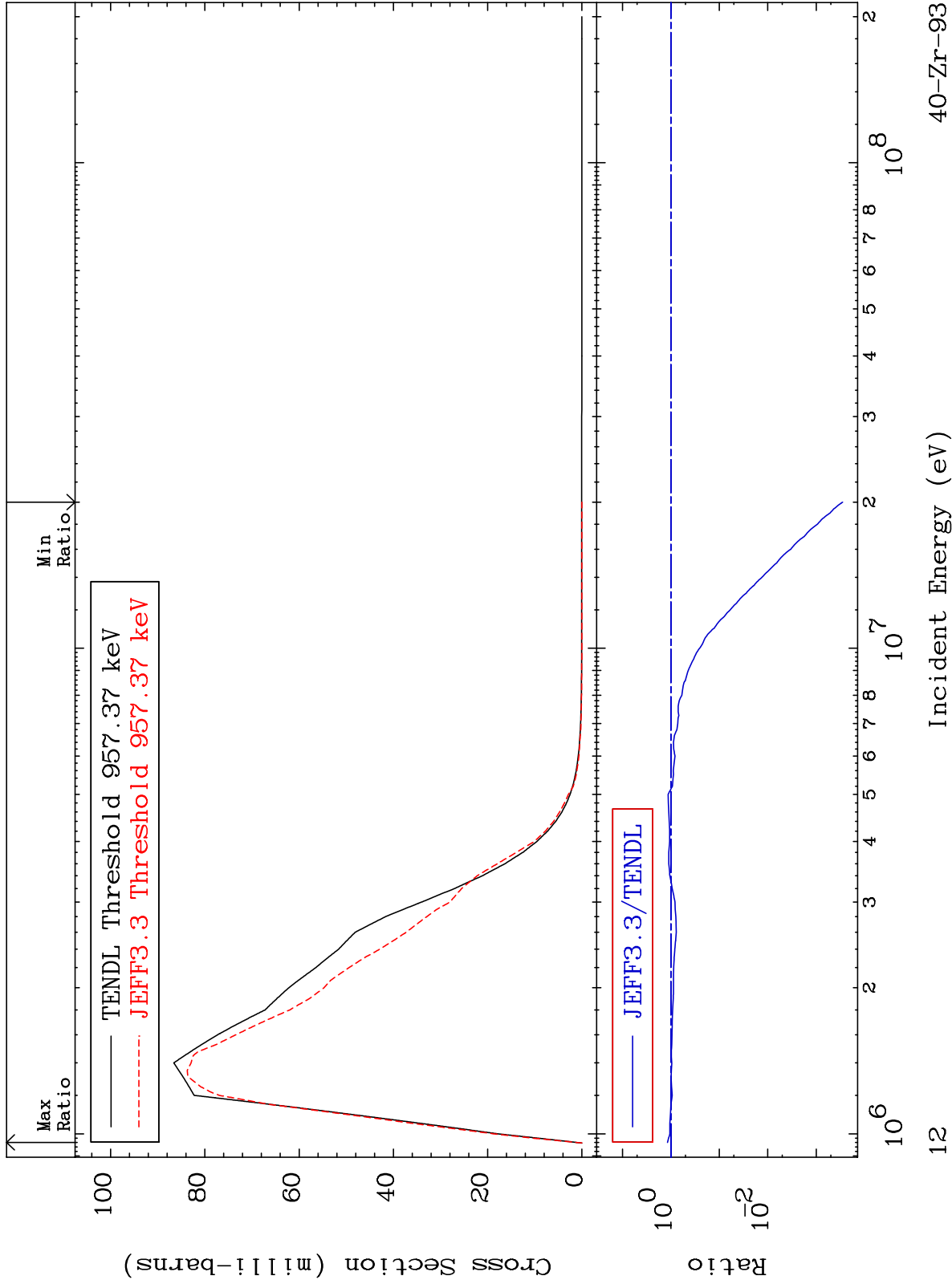
40-Zr-93



MAT 4034

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

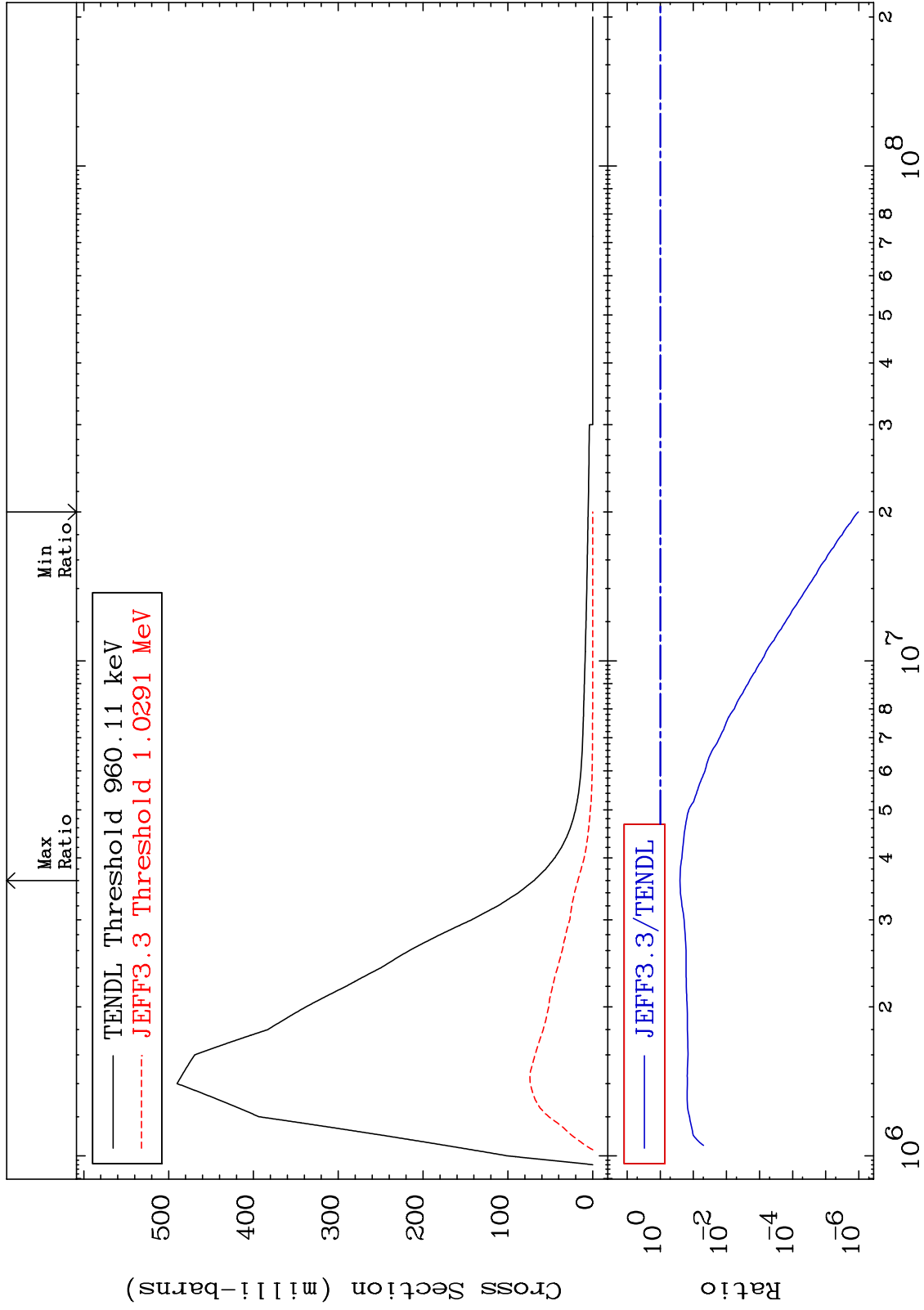
40-Zr-93
-99.97 To 17.17 %



MAT 4034

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

40-Zr-93
-100.0 To -74.71%



Incident Energy (eV)

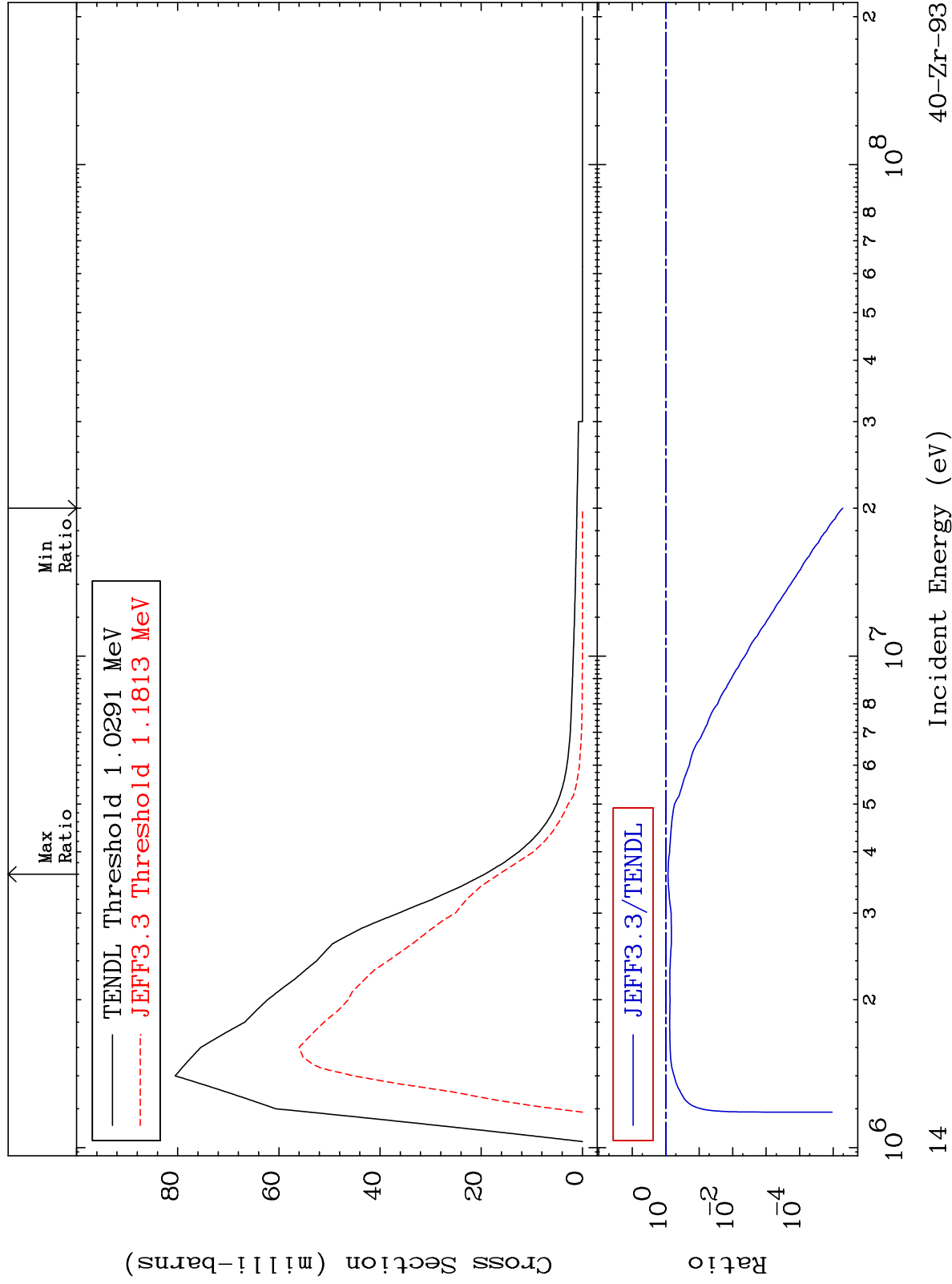
40-Zr-93

13

MAT 4034

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

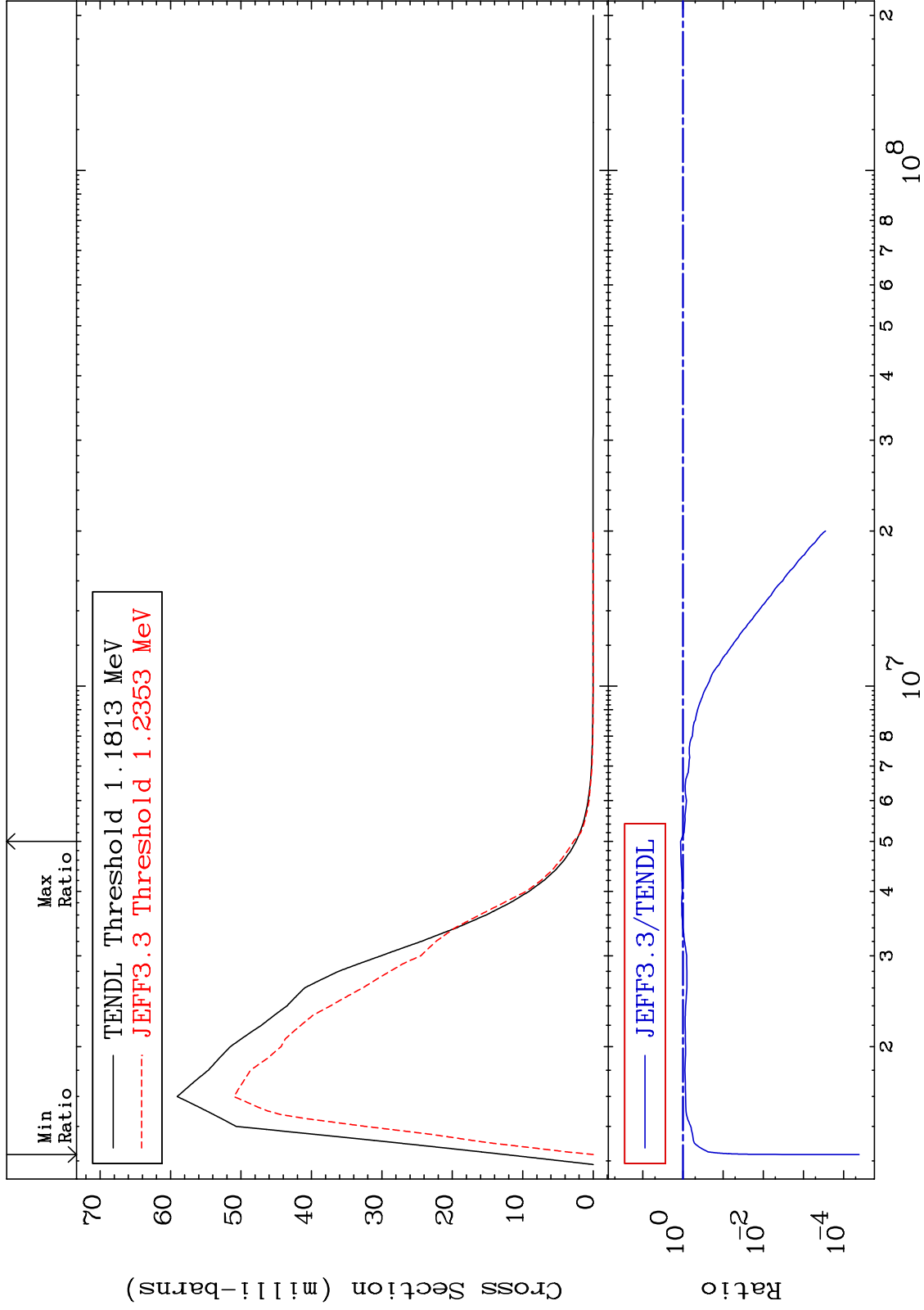
40-Zr-93
-100.0 To -14.52%



MAT 4034

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

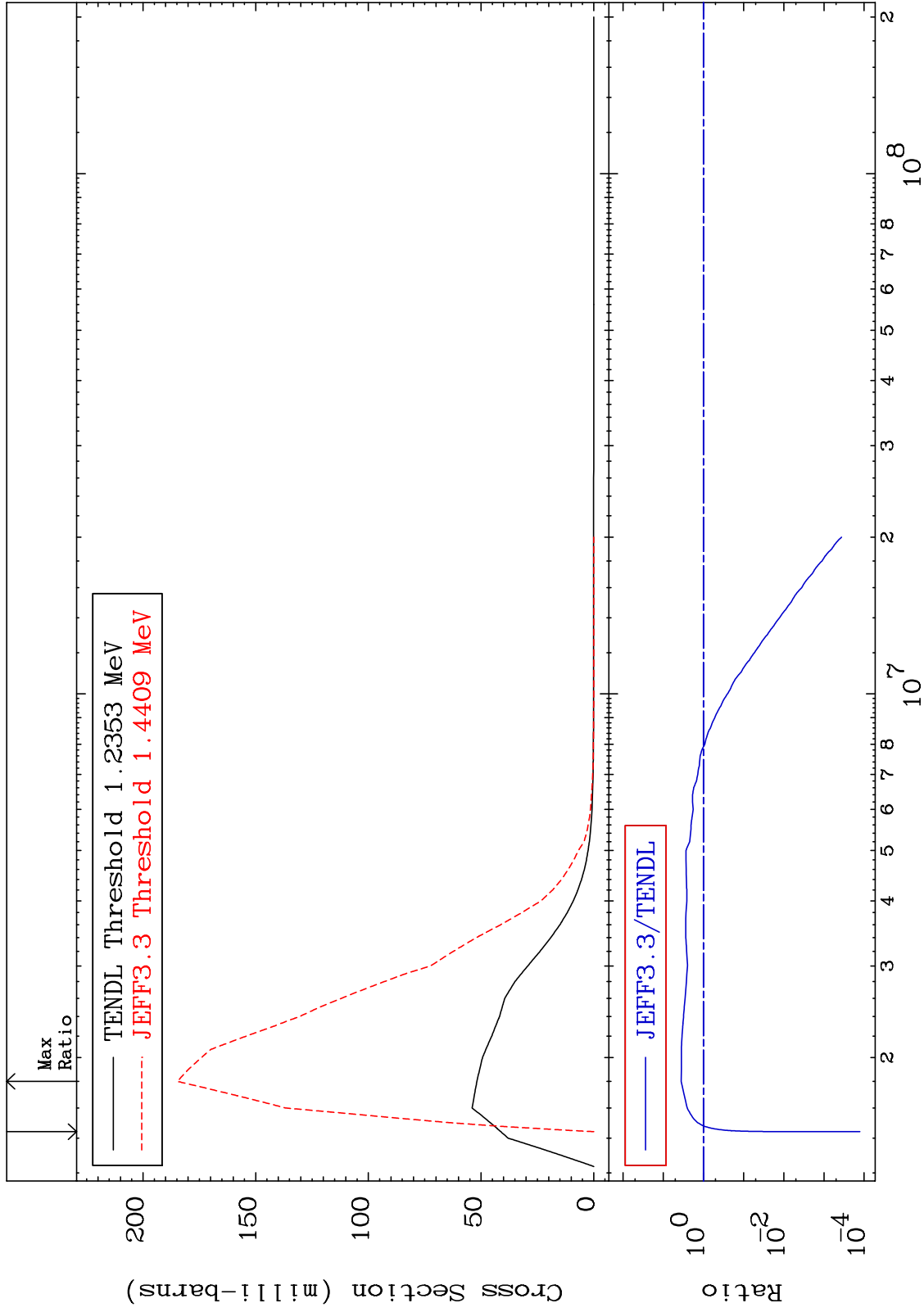
40-Zr-93
-100.0 To 14.58 %



MAT 4034

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

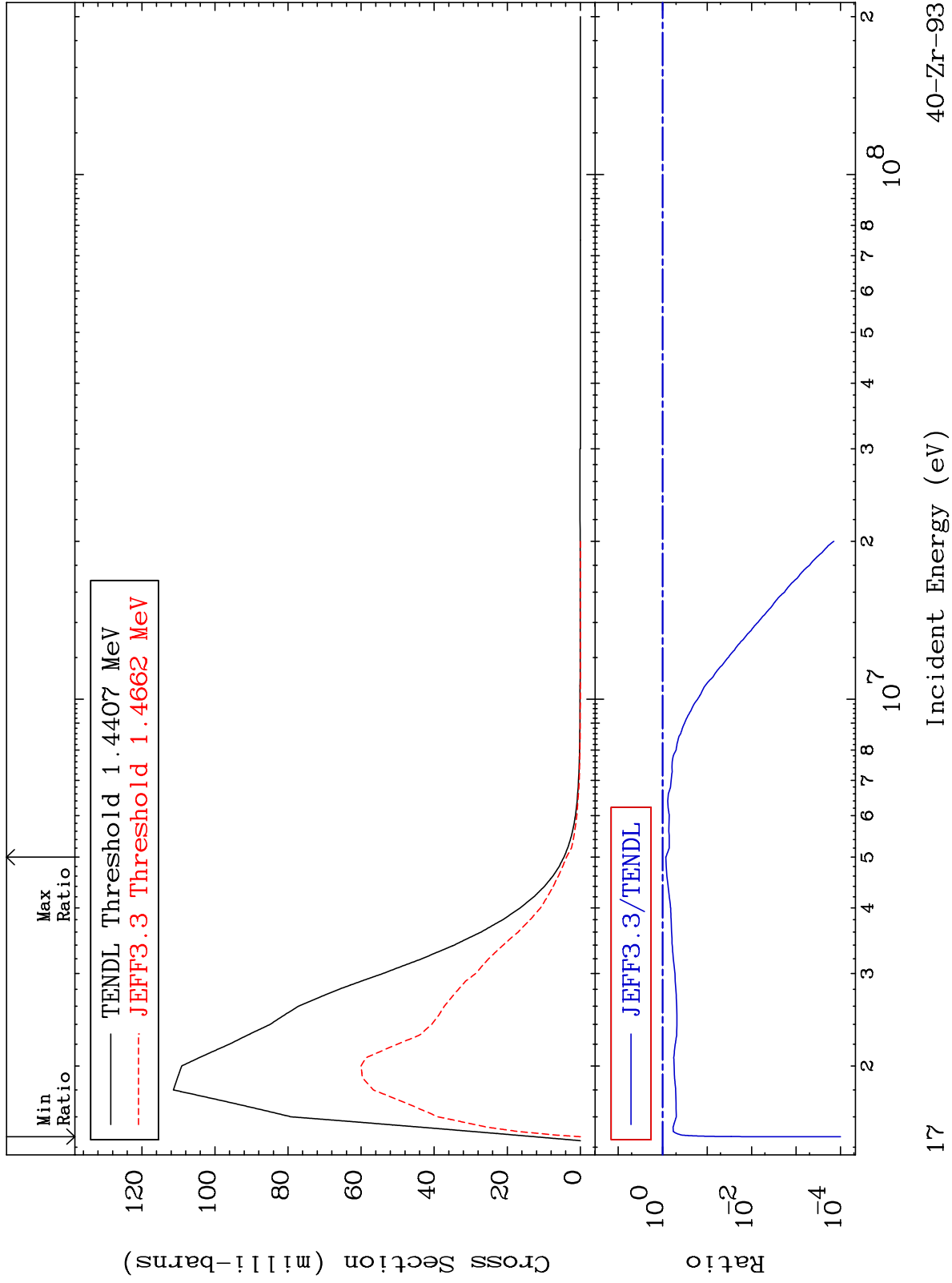
40-Zr-93
-99.99 To 256.3 %



MAT 4034

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

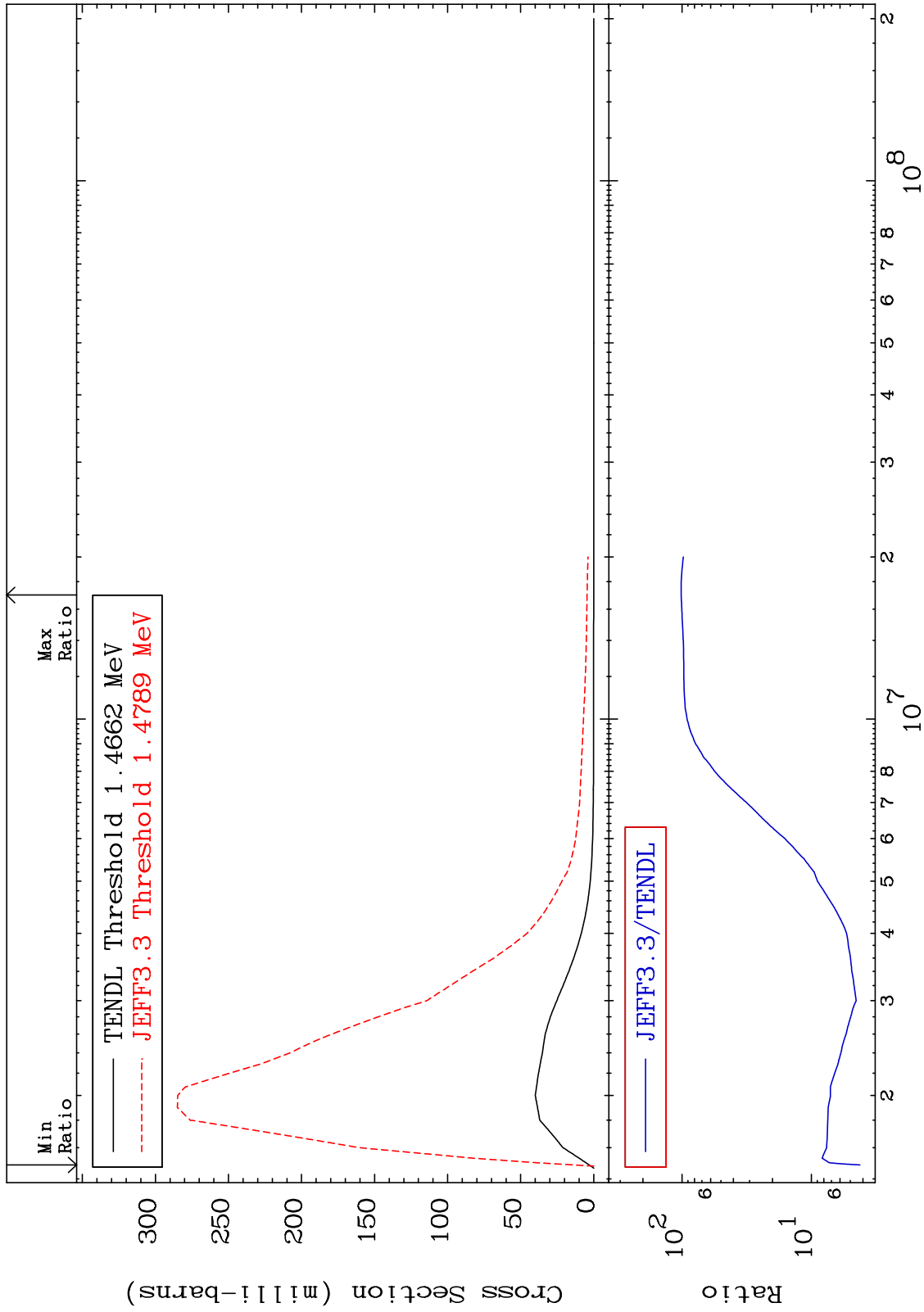
40-Zr-93
-99.99 To -15.29%



MAT 4034

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

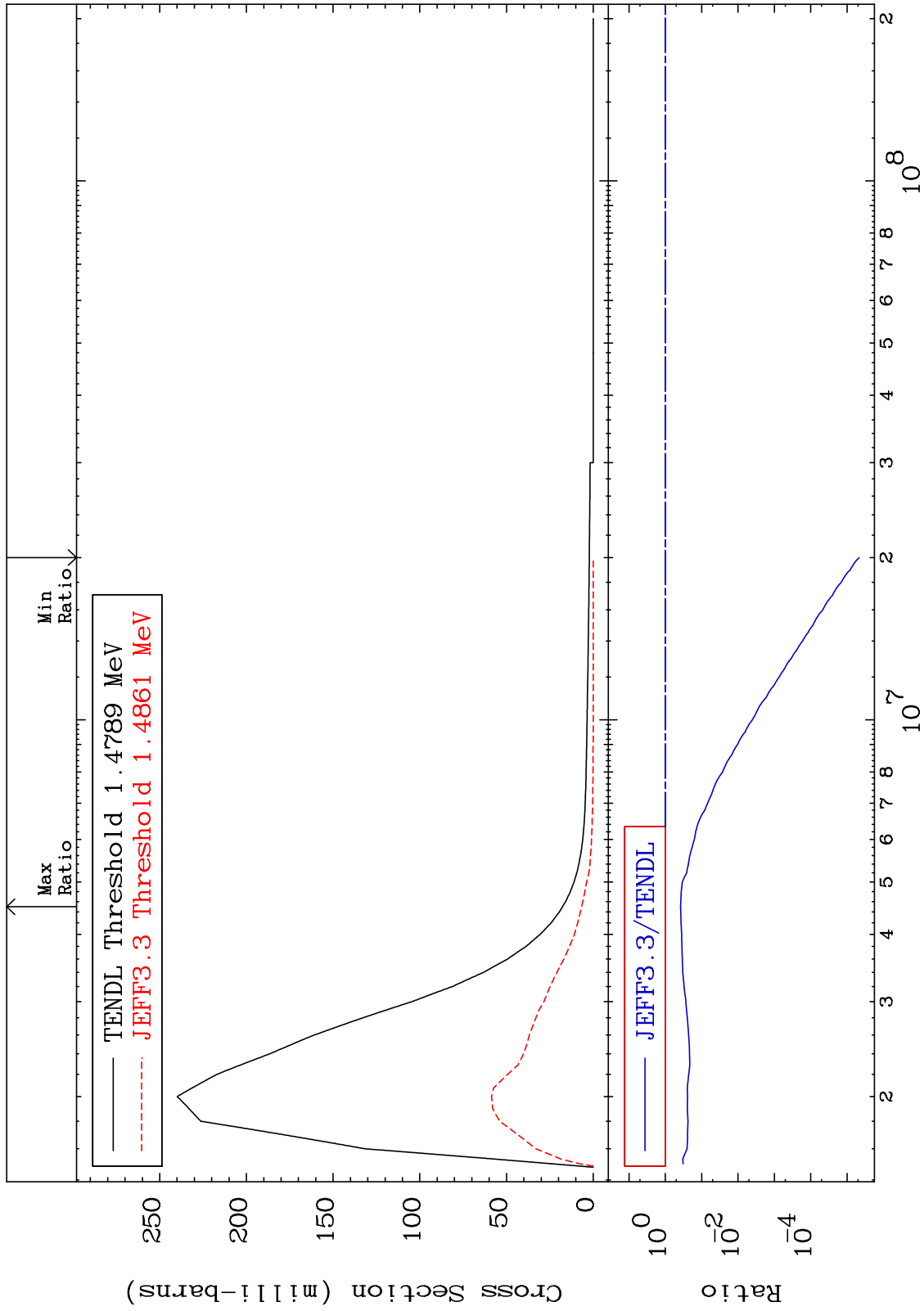
321.4 To 9999. %
40-Zr-93



MAT 4034

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

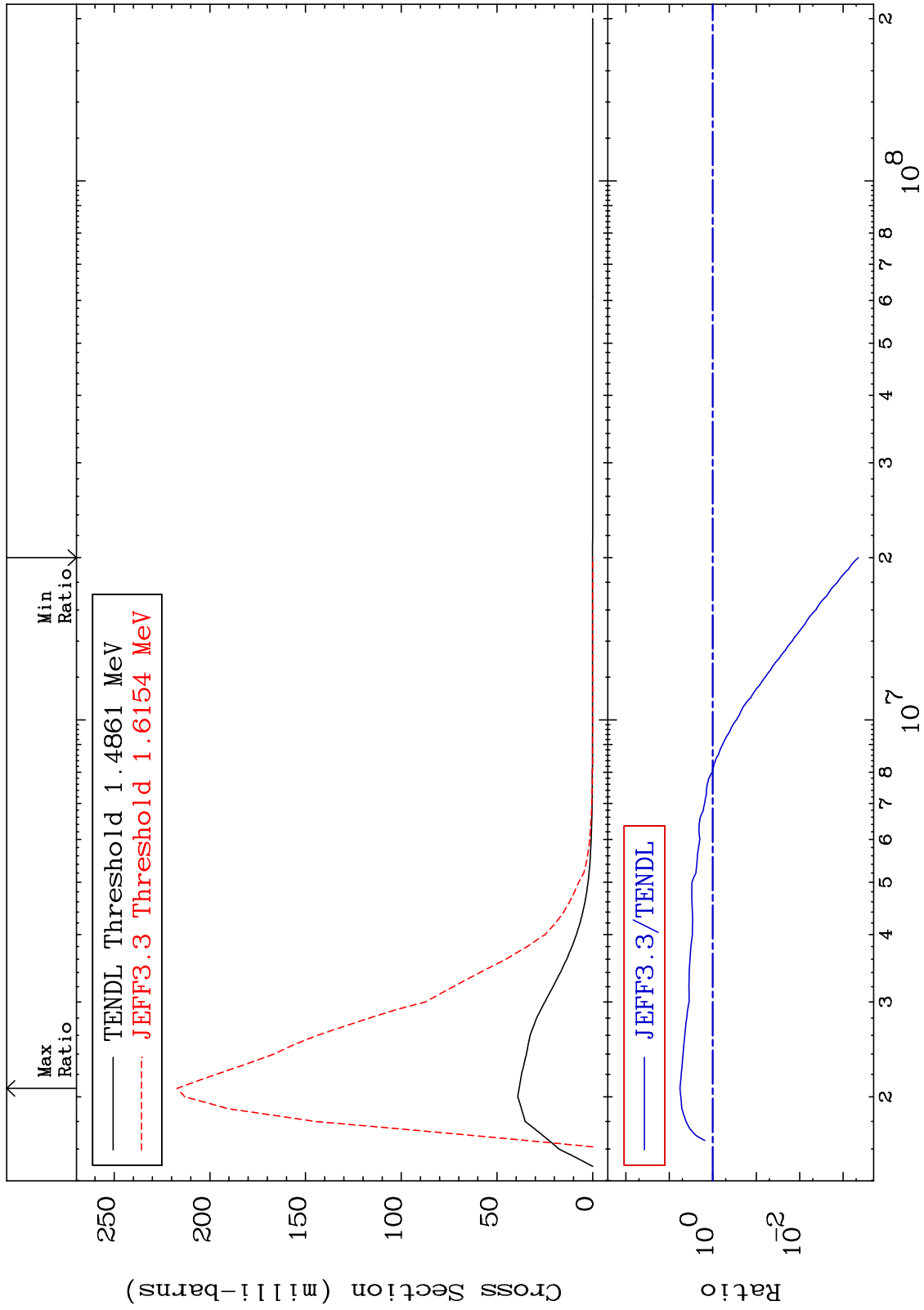
40-Zr-93
-100.0 To -62.06%



MAT 4034

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

40-Zr-93
-99.96 To 465.2 %



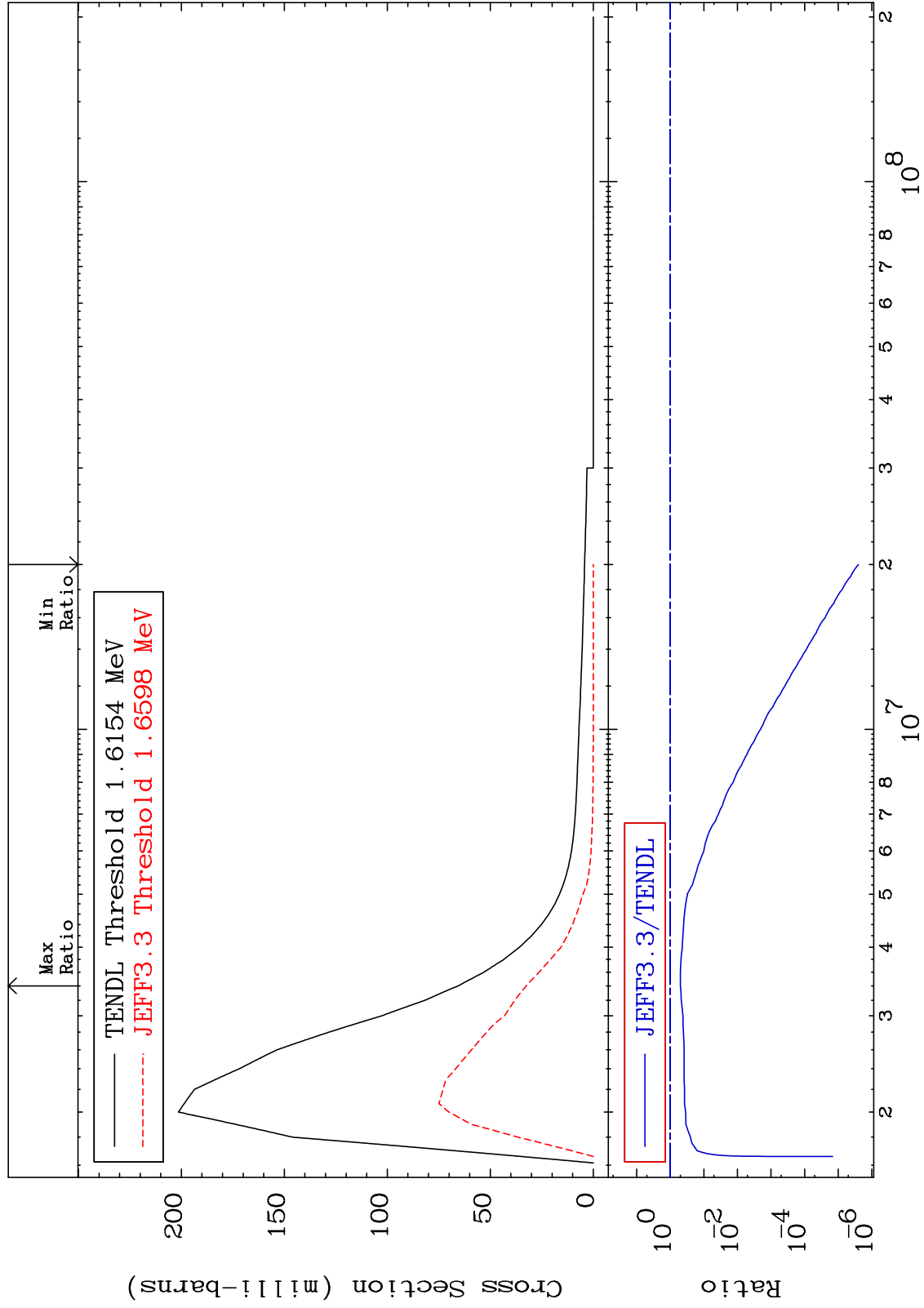
20

40-Zr-93

MAT 4034

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

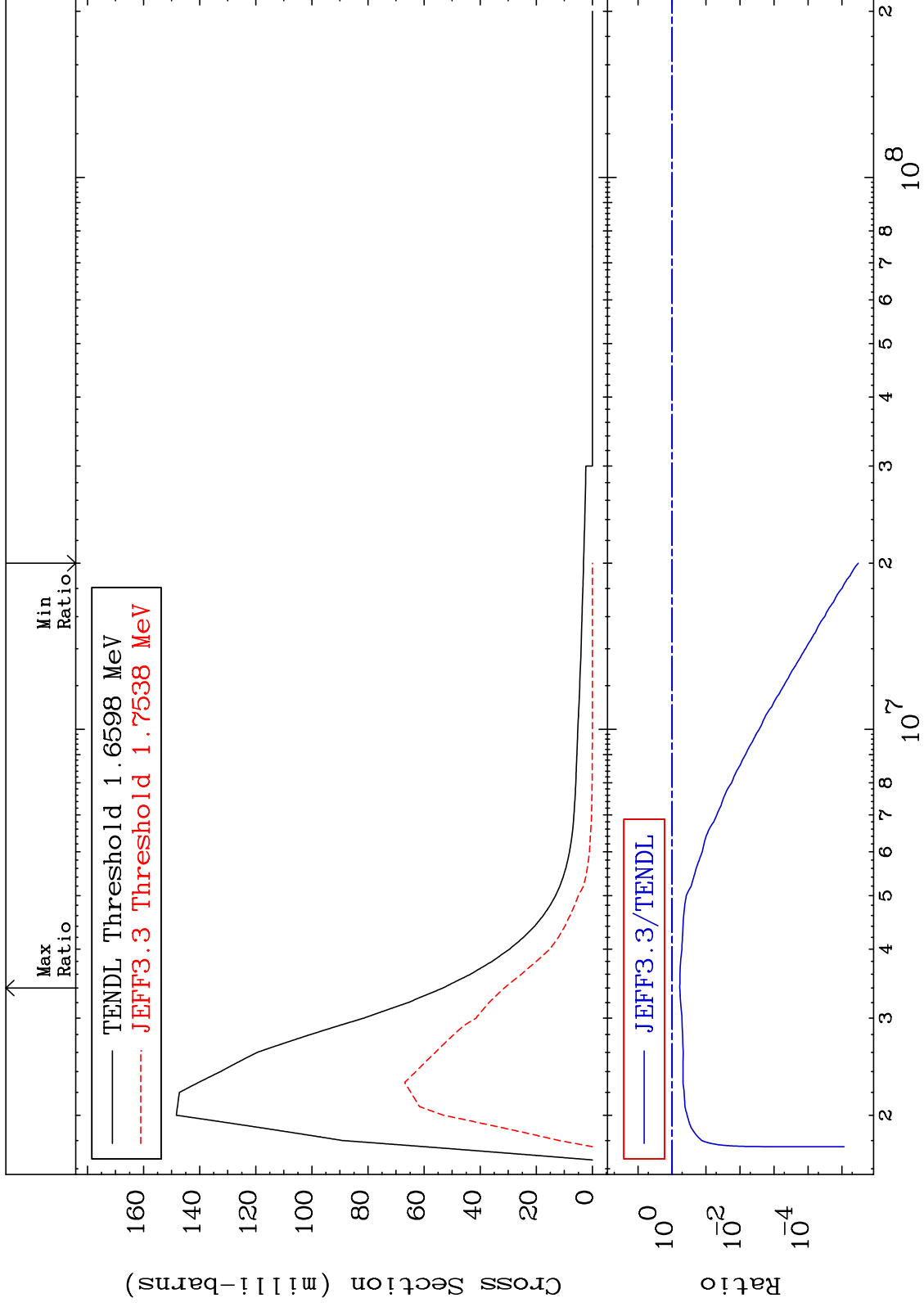
40-Zr-93
-100.0 To -50.37%



MAT 4034

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

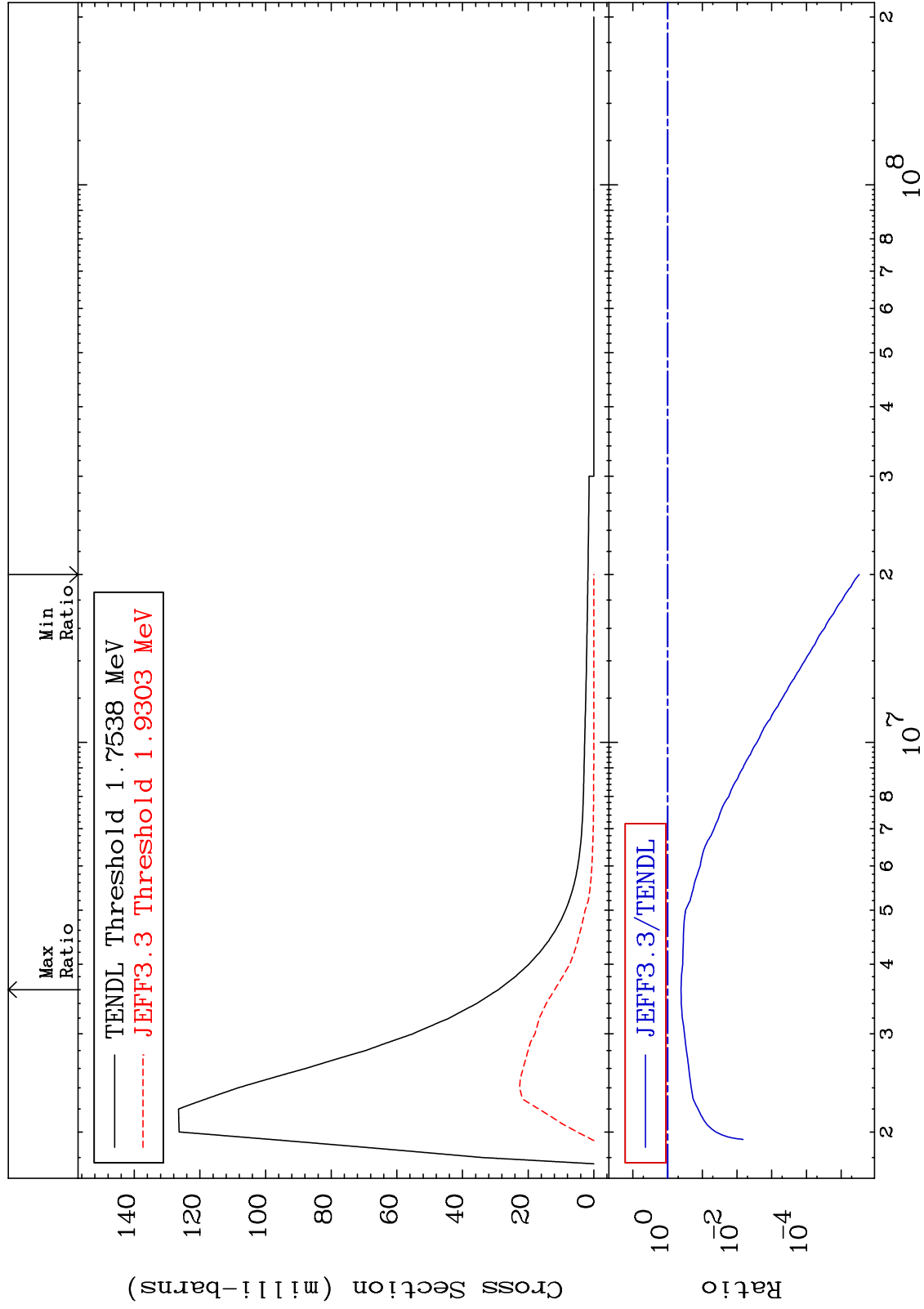
40-Zr-93
-100.0 To -41.02%



MAT 4034

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

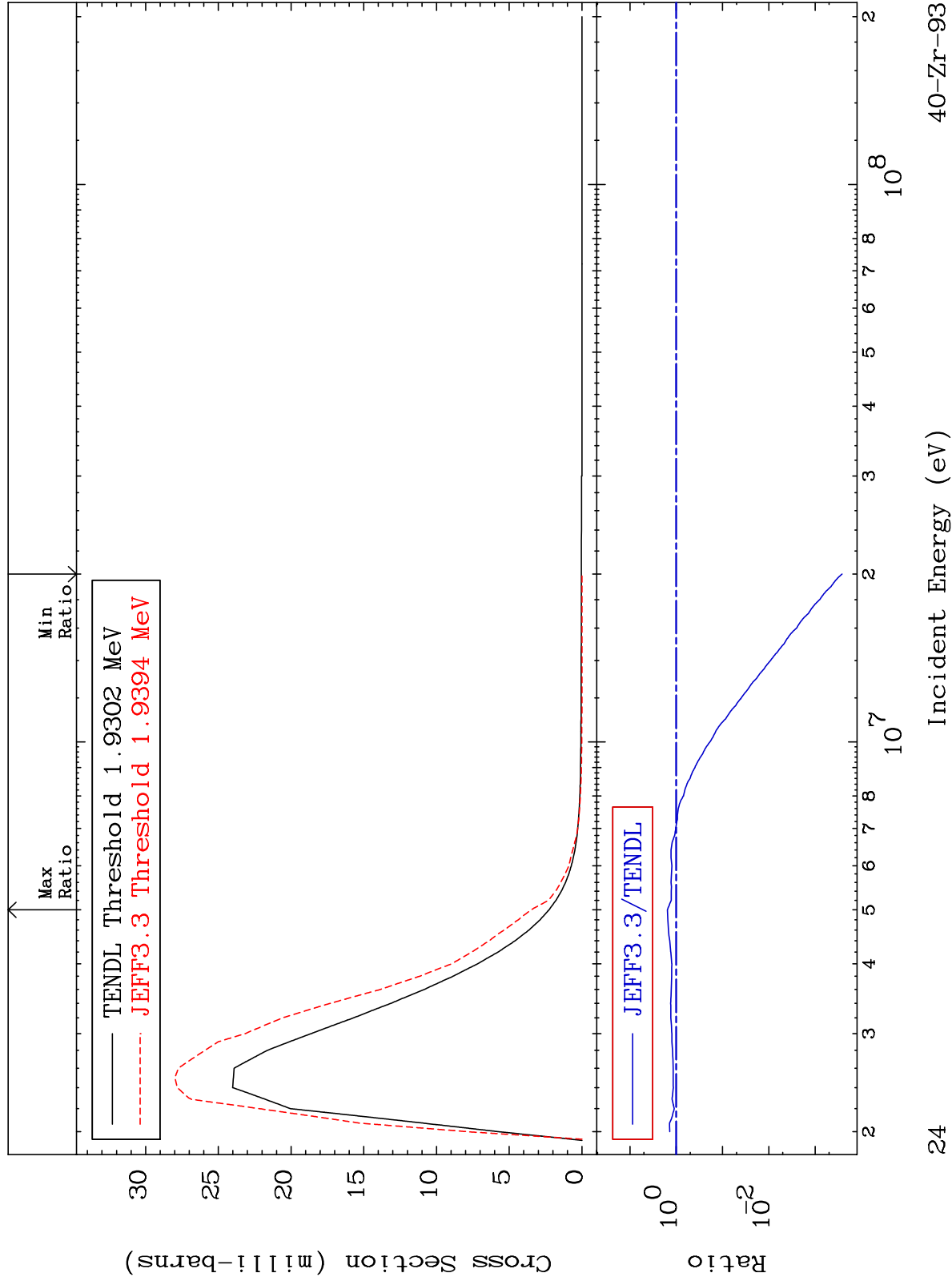
40-Zr-93
-100.0 To -59.03%



MAT 4034

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

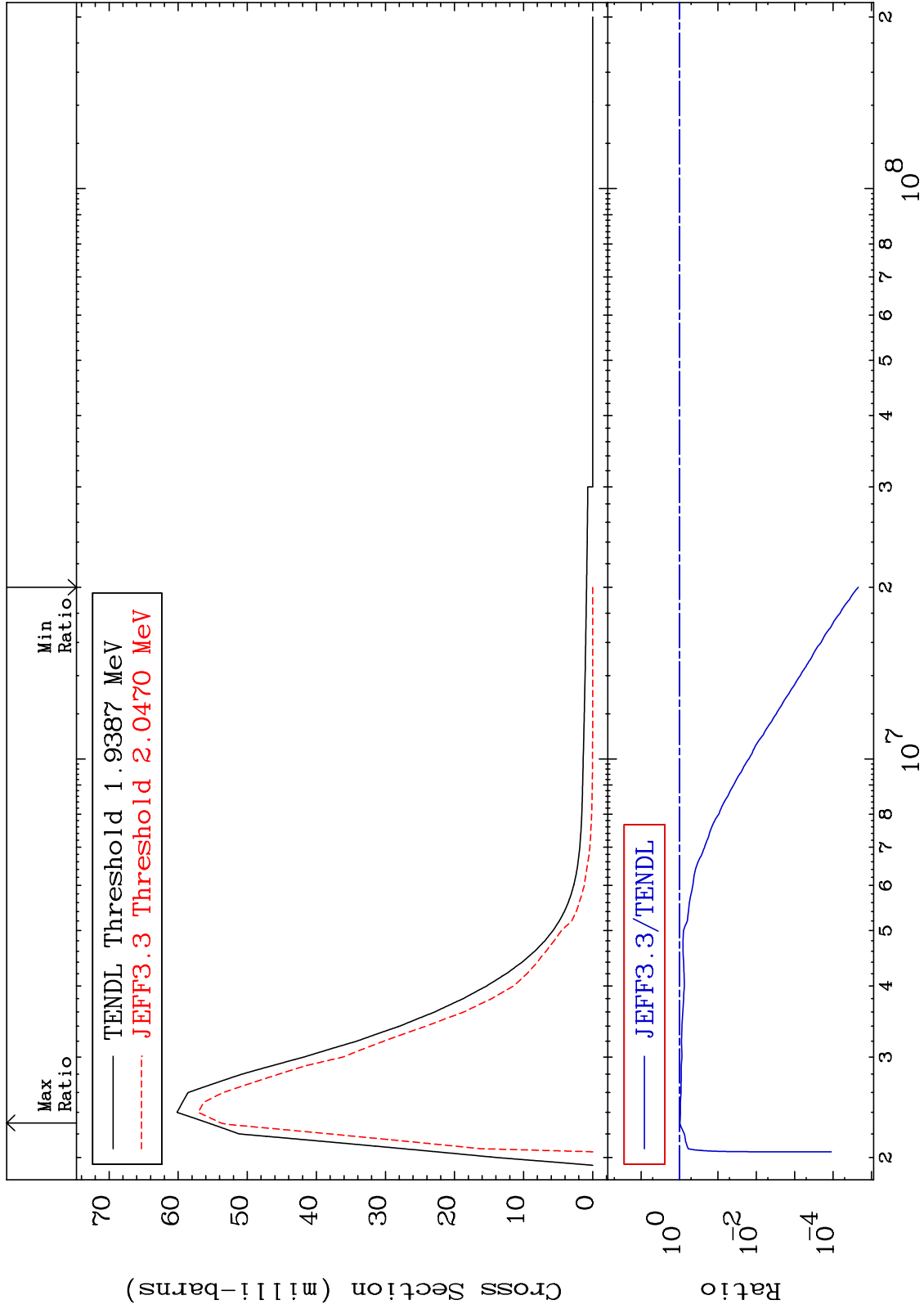
40-Zr-93
-99.97 To 54.65 %



MAT 4034

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

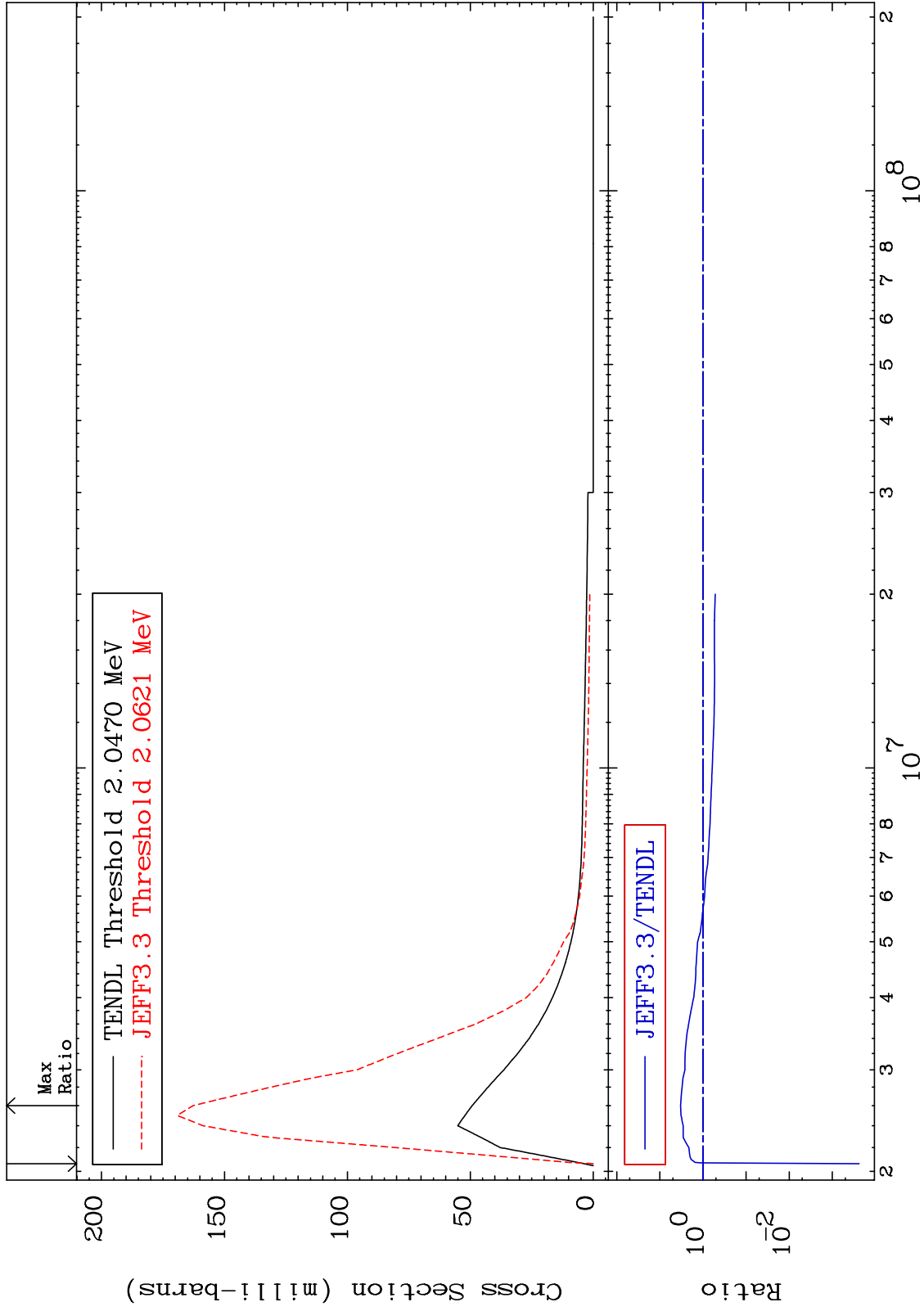
40-Zr-93
-100.0 To -3.301%



MAT 4034

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

40-Zr-93
-99.98 To 230.7 %



26

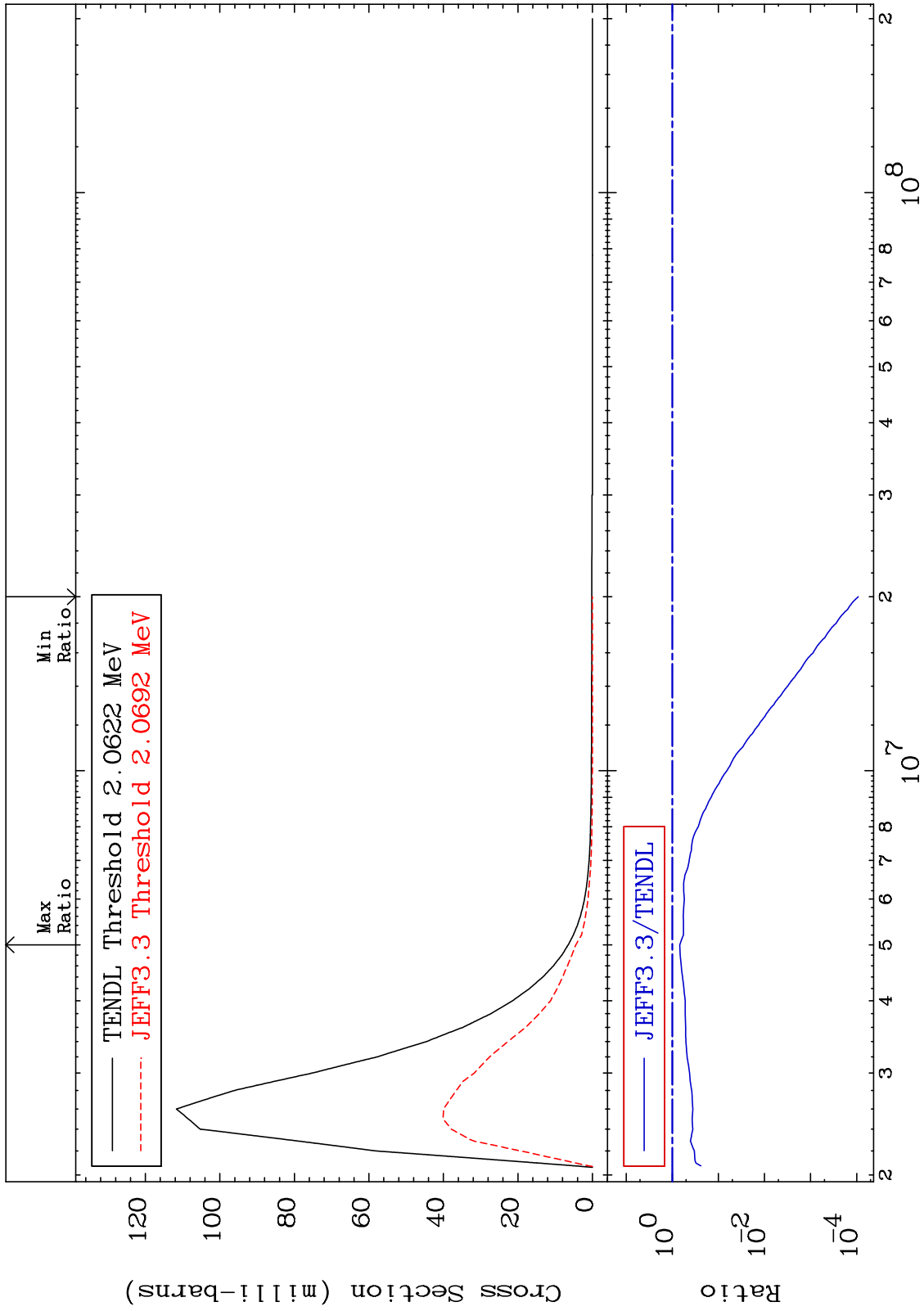
40-Zr-93

40-Zr-93

MAT 4034

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

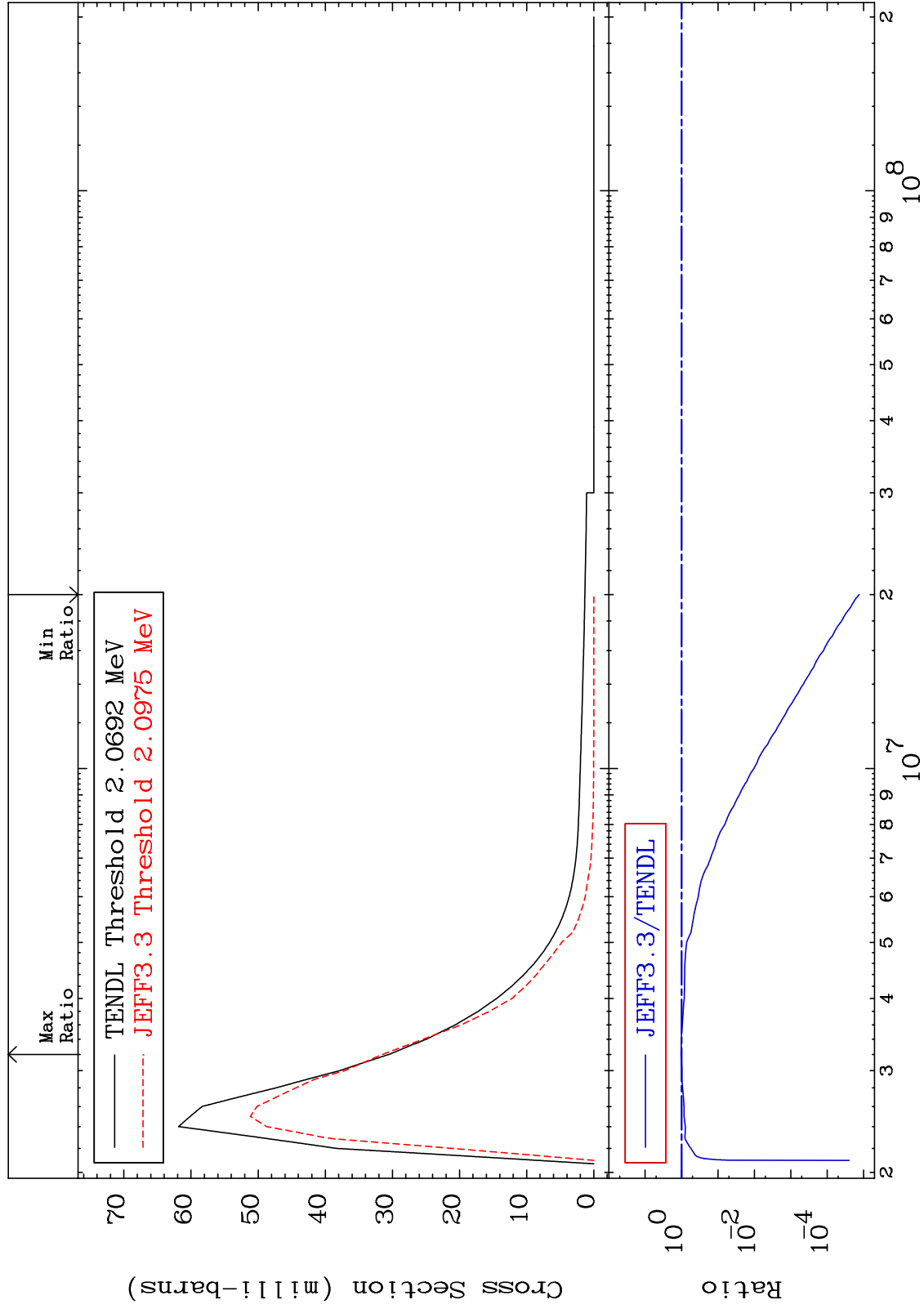
40-Zr-93
-99.99 To -31.37%



MAT 4034

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

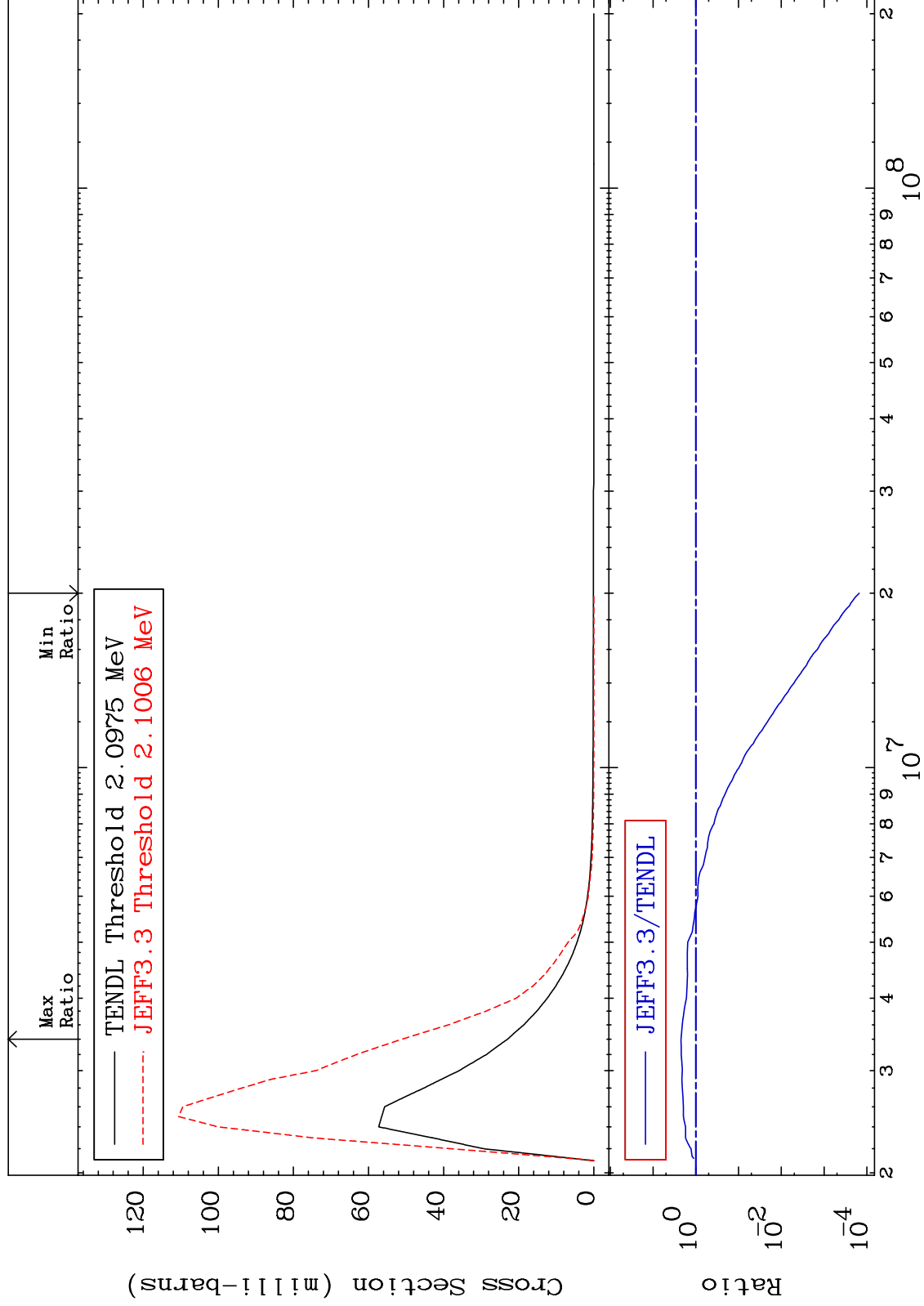
40-Zr-93
-100.0 To 3.169 %



MAT 4034

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

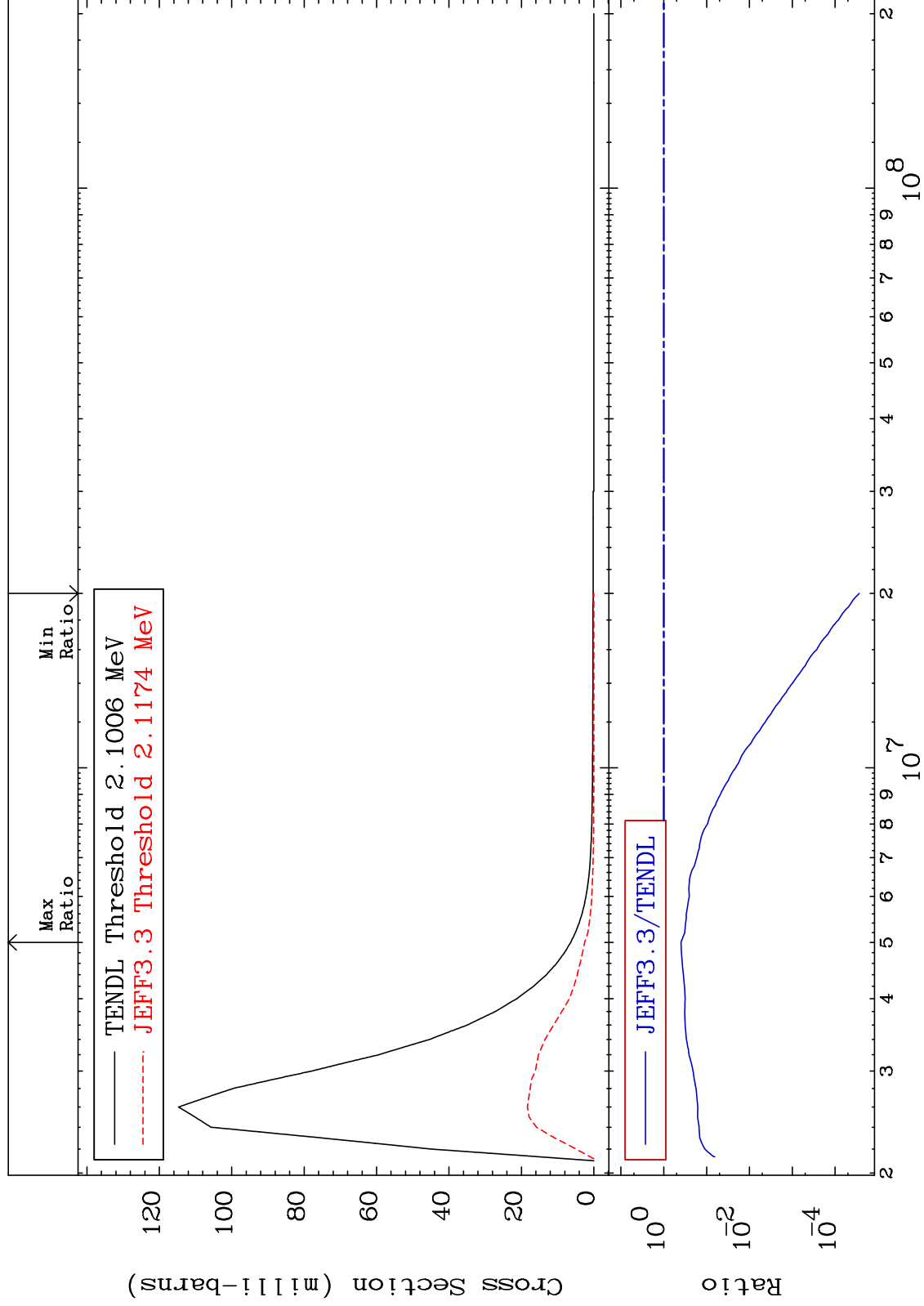
40-Zr-93
-99.99 To 122.1 %



MAT 4034

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

40-Zr-93
-100.0 To -60.50%

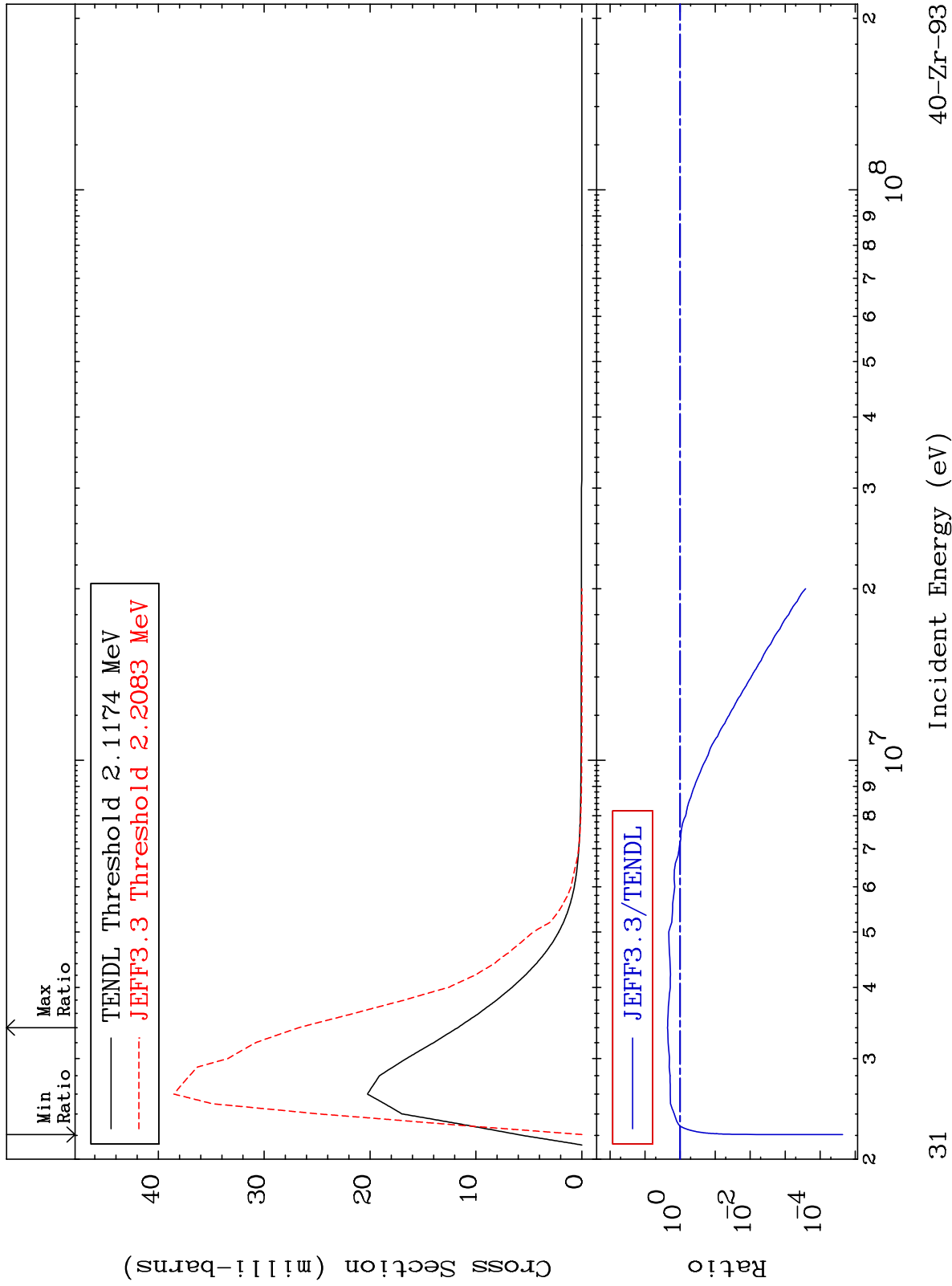


30

Incident Energy (eV)

40-Zr-93

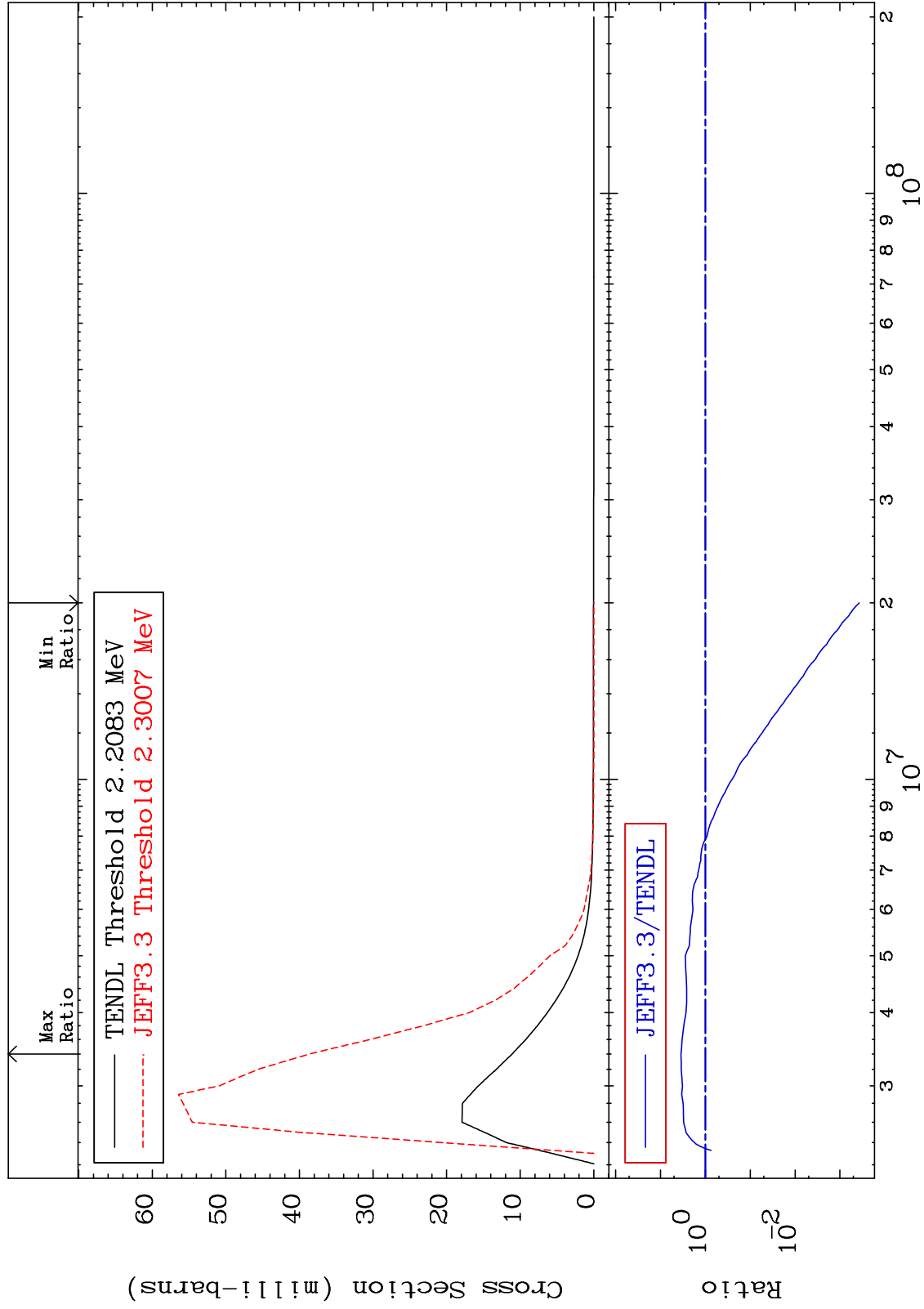
MAT 4034 MT= 71 (n,n') Level
 Cross Section 40-Zr-93
 -100.0 To 128.2 %



MAT 4034

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

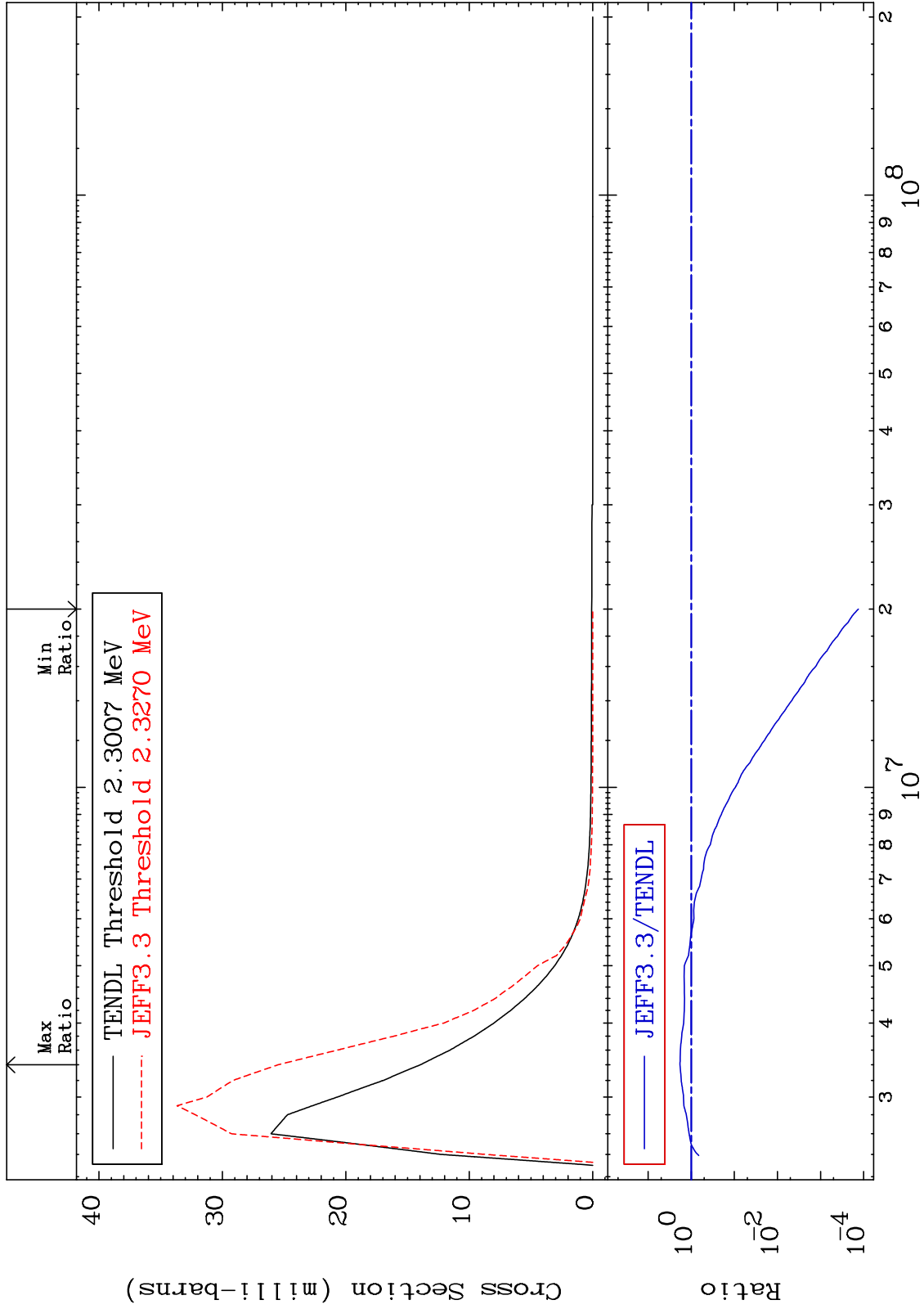
40-Zr-93
-99.96 To 248.0 %



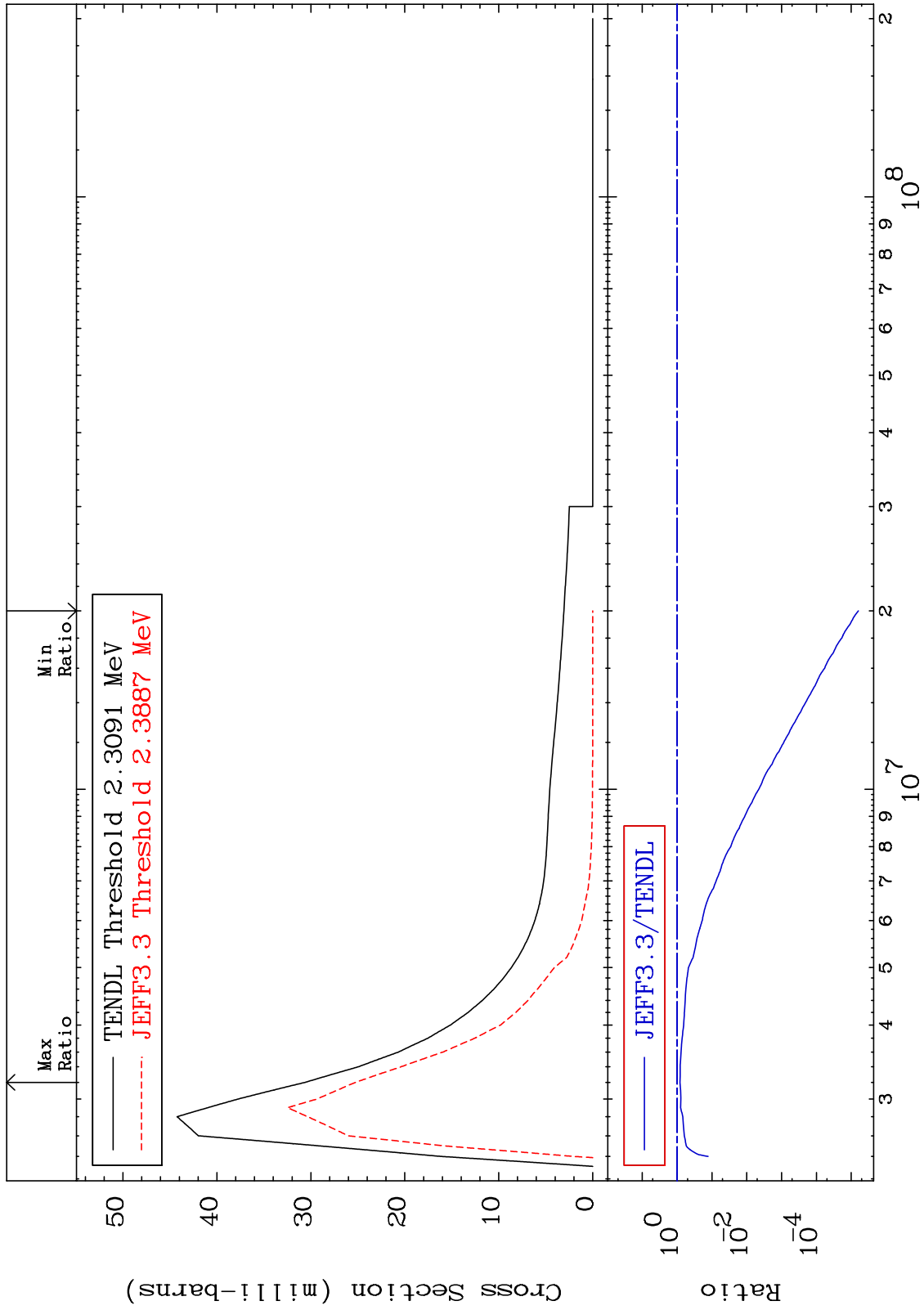
MAT 4034

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

40-Zr-93
-99.99 To 82.55 %



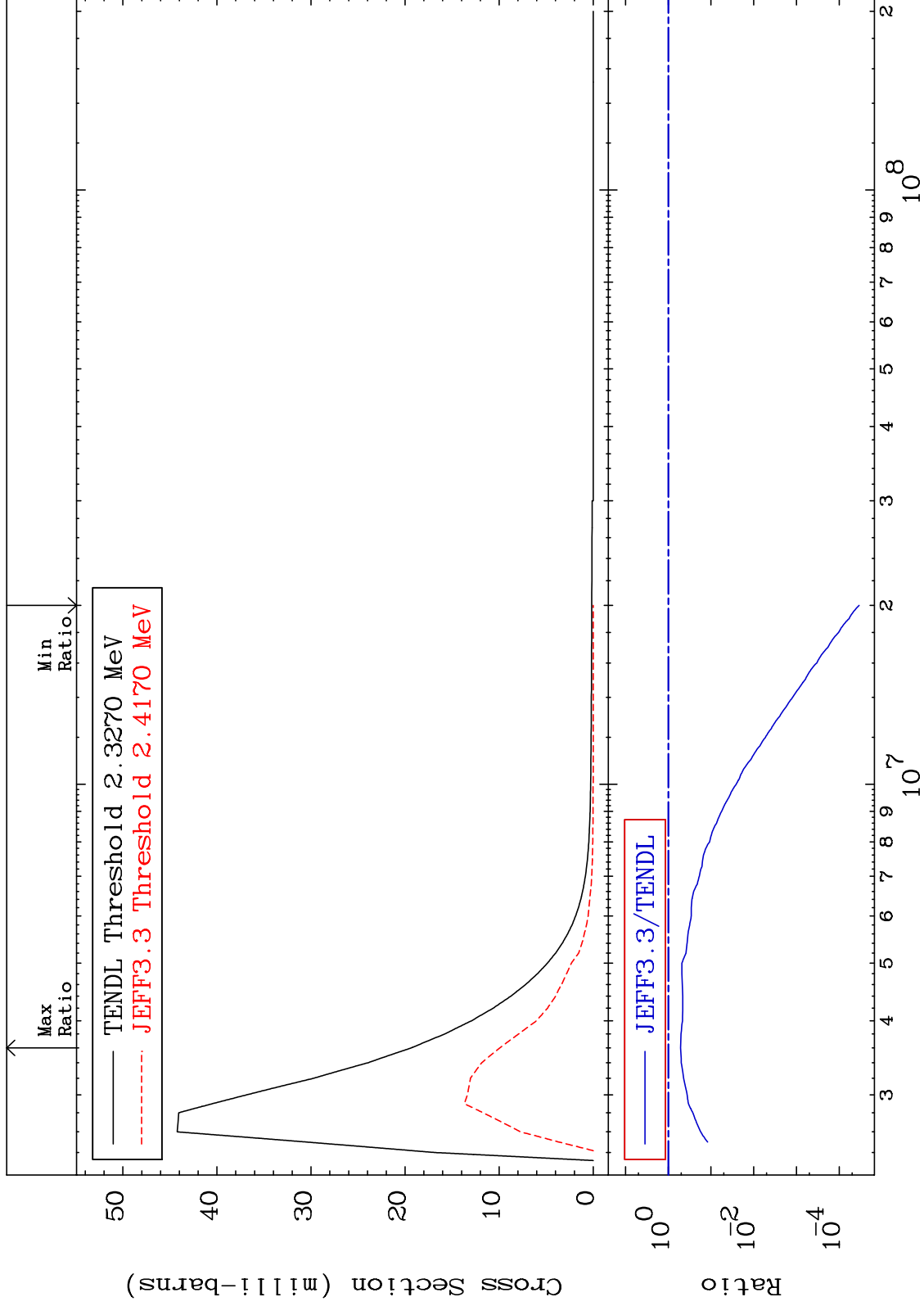
MAT 4034 MT= 74 (n,n') Level 40-Zr-93
 Cross Section -100.0 To -17.53%



MAT 4034

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

40-Zr-93
-100.0 To -48.61%



35

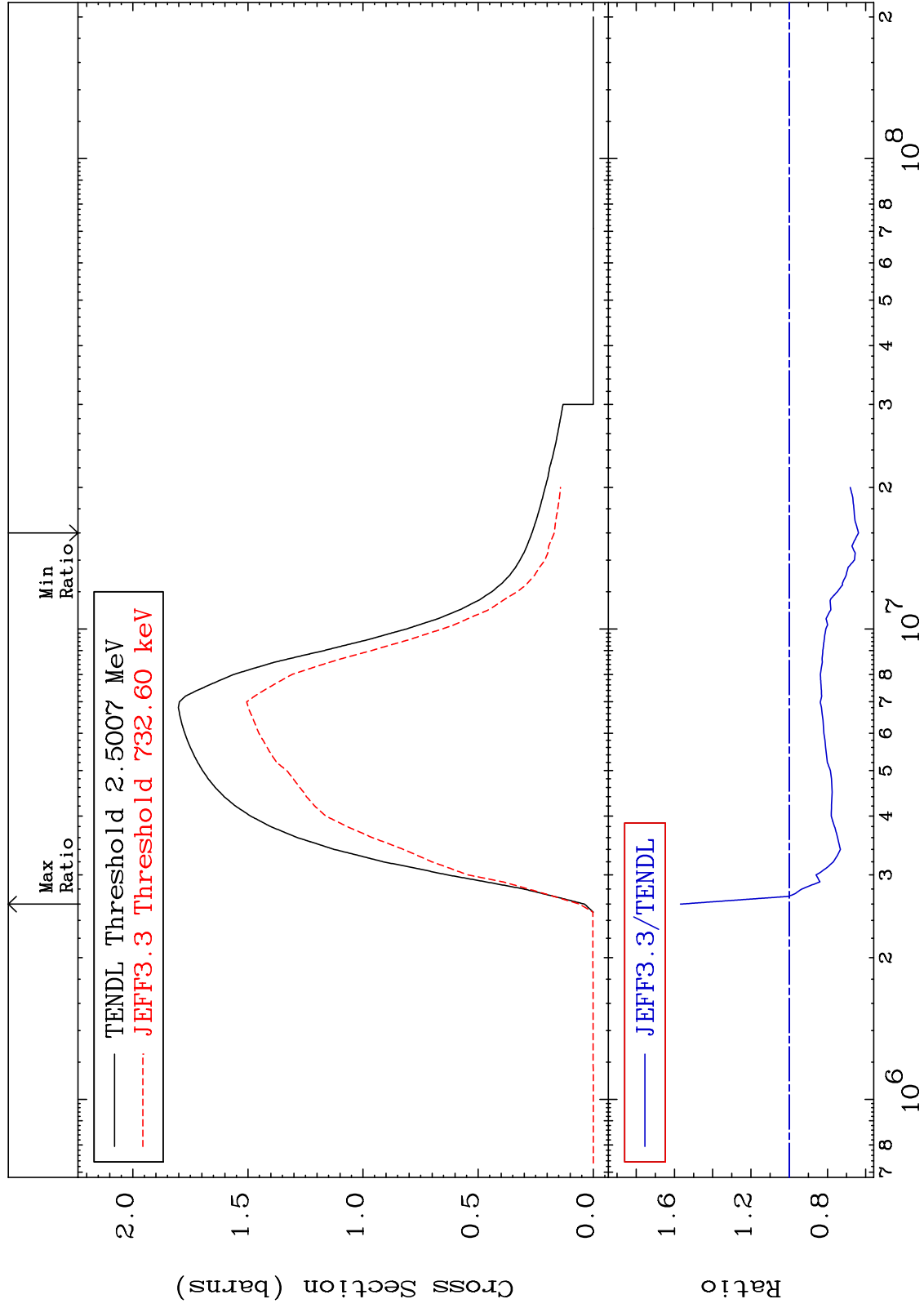
Incident Energy (eV)

40-Zr-93

MAT 4034

(n, n') Continuum
Cross Section

40-Zr-93
-36.24 To 56.87 %



36

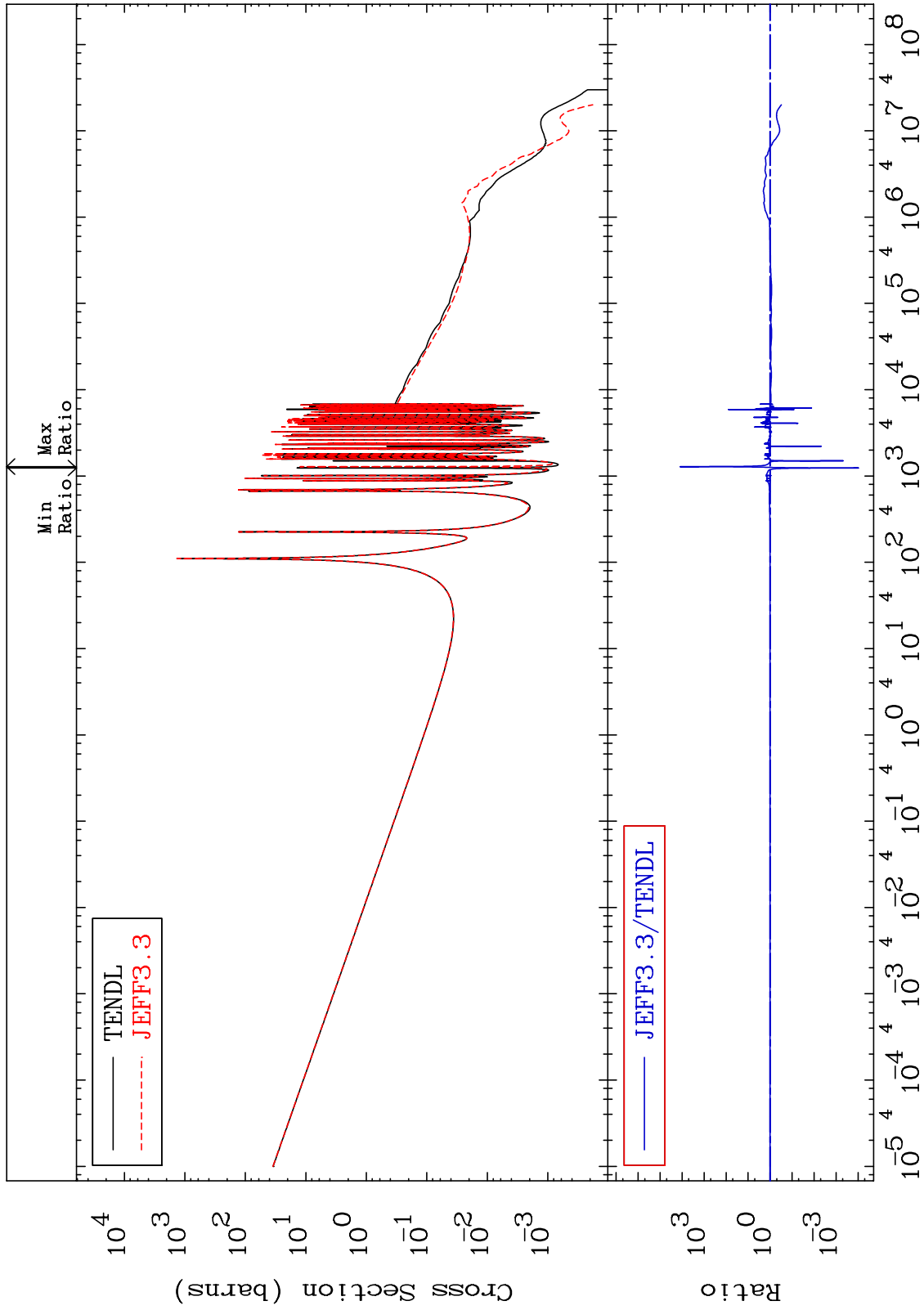
Incident Energy (eV)

40-Zr-93

MAT 4034

(n, γ)
Cross Section

40-Zr-93
-99.99 To 9999. %



37

Incident Energy (eV)

40-Zr-93

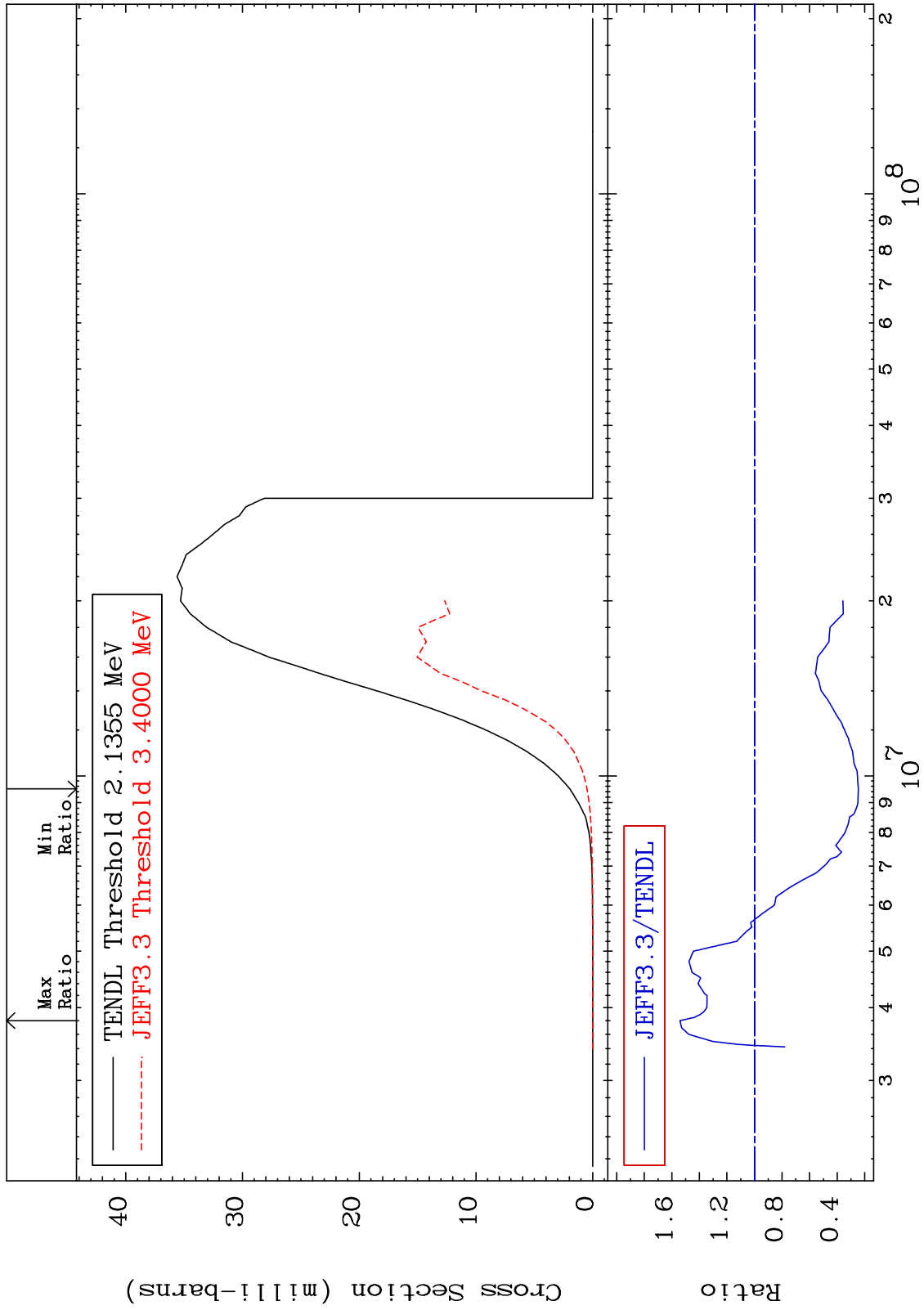
MAT 4034

(n, p)

40-Zr-93

Cross Section

-75.42 To 54.06 %



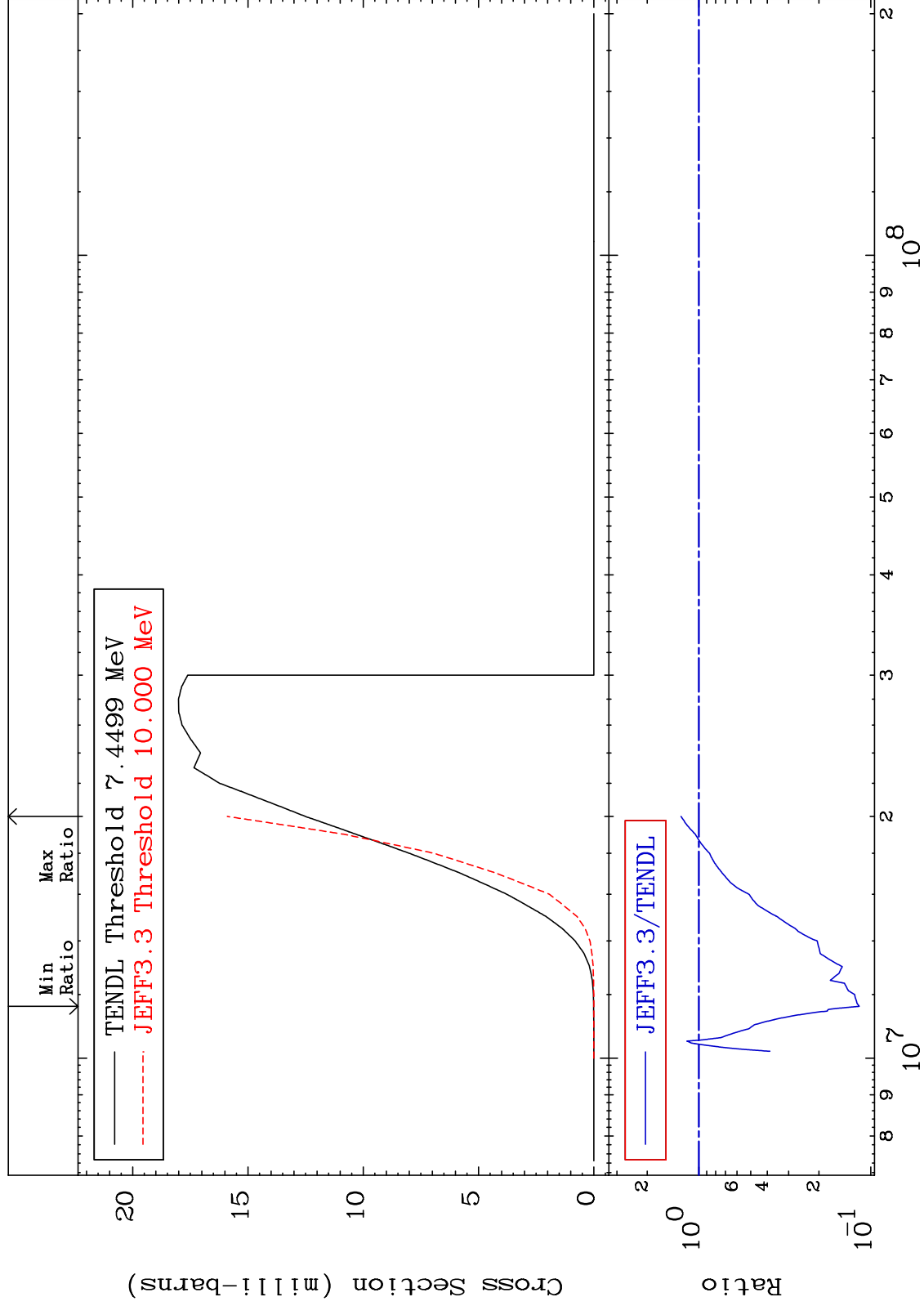
MAT 4034

(n, d)

40-Zr-93

Cross Section

-88.35 To 27.05 %



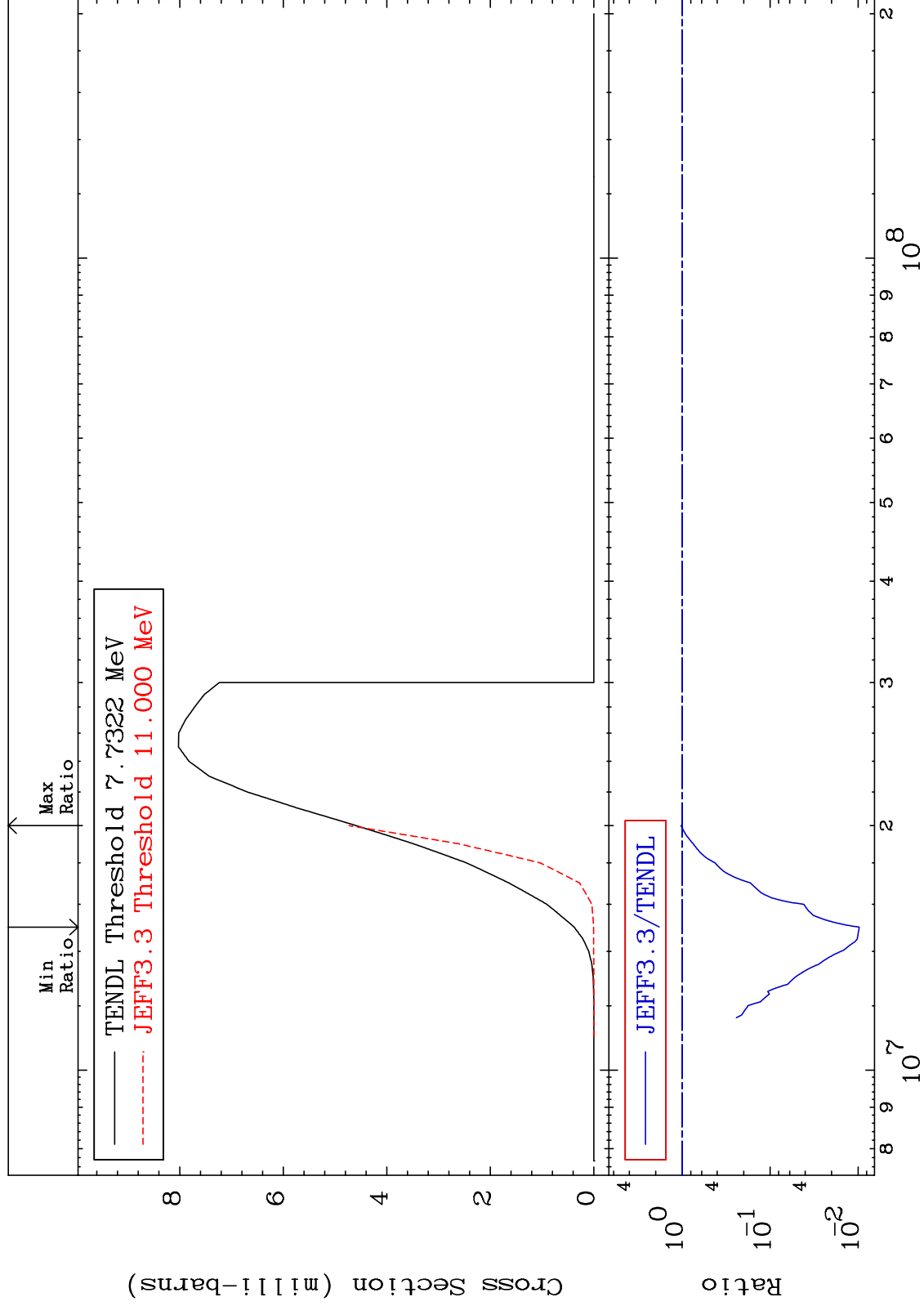
MAT 4034

(n, t)

40-Zr-93

Cross Section

-99.03 To 2.988 %



40

Incident Energy (eV)

40-Zr-93

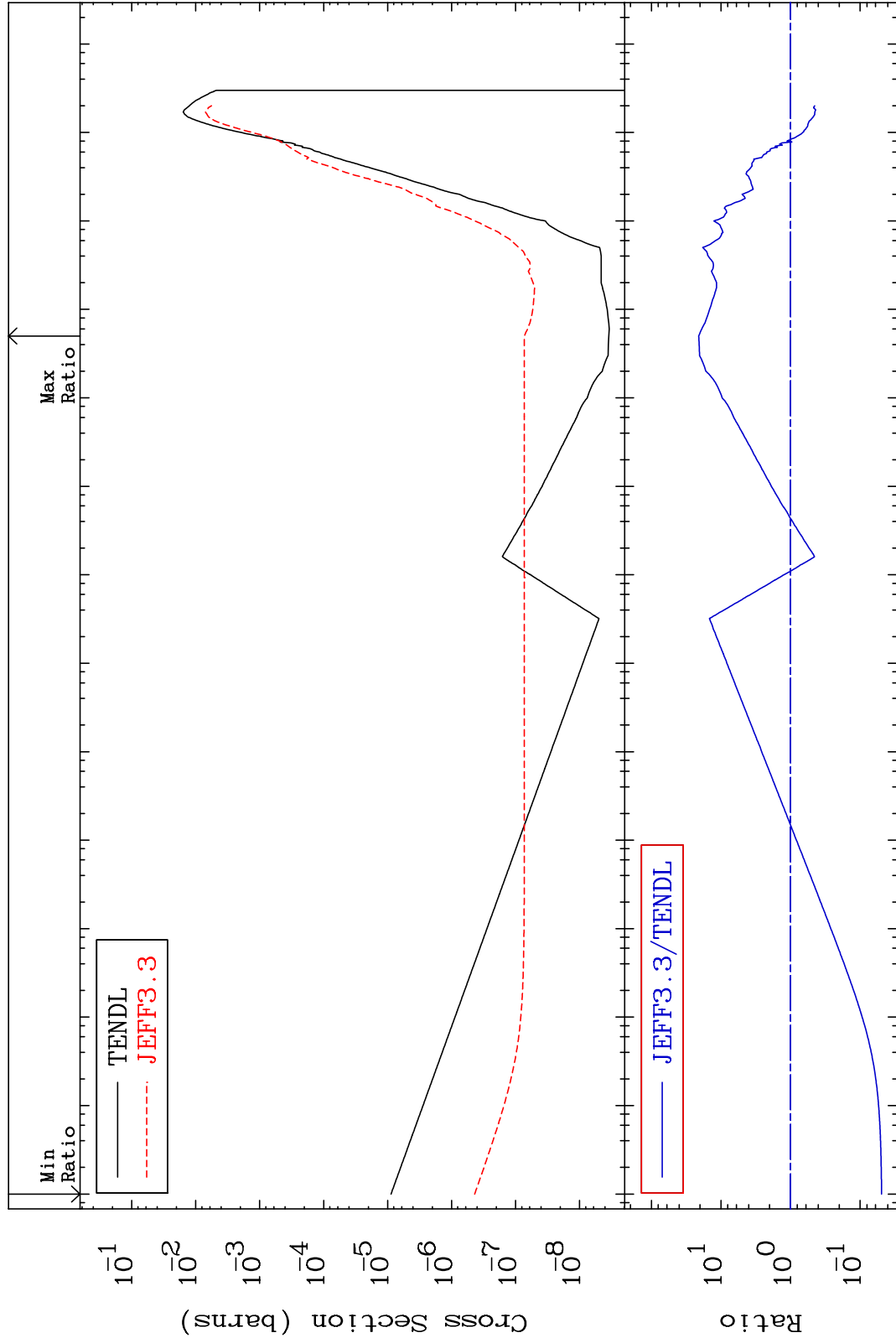
MAT 4034

(n, α)

40-Zr-93

Cross Section

-95.08 To 1990. %



41

40-Zr-93

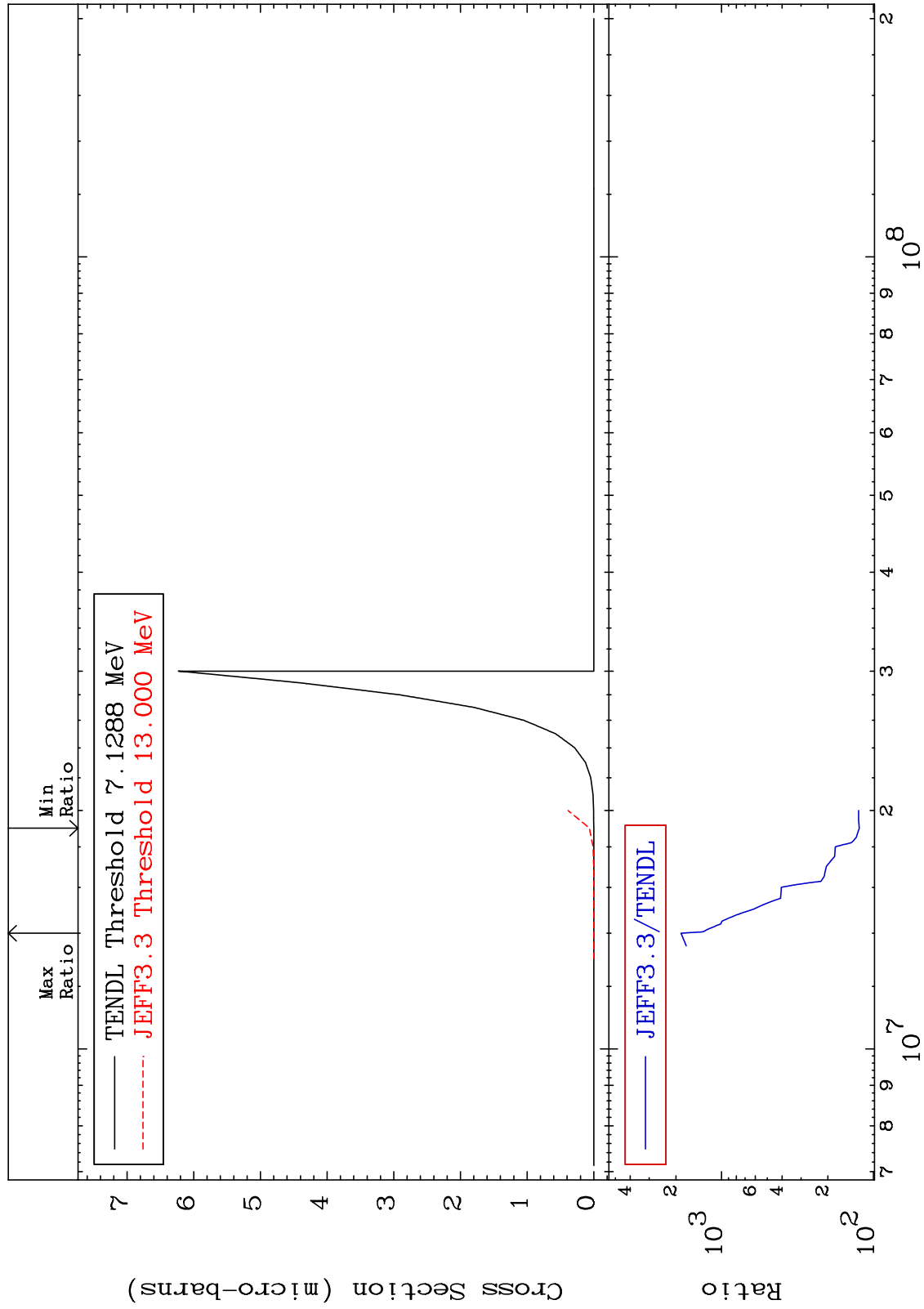
MAT 4034

(n,p) α

40-Zr-93

Cross Section

9999. To 9999. %



42

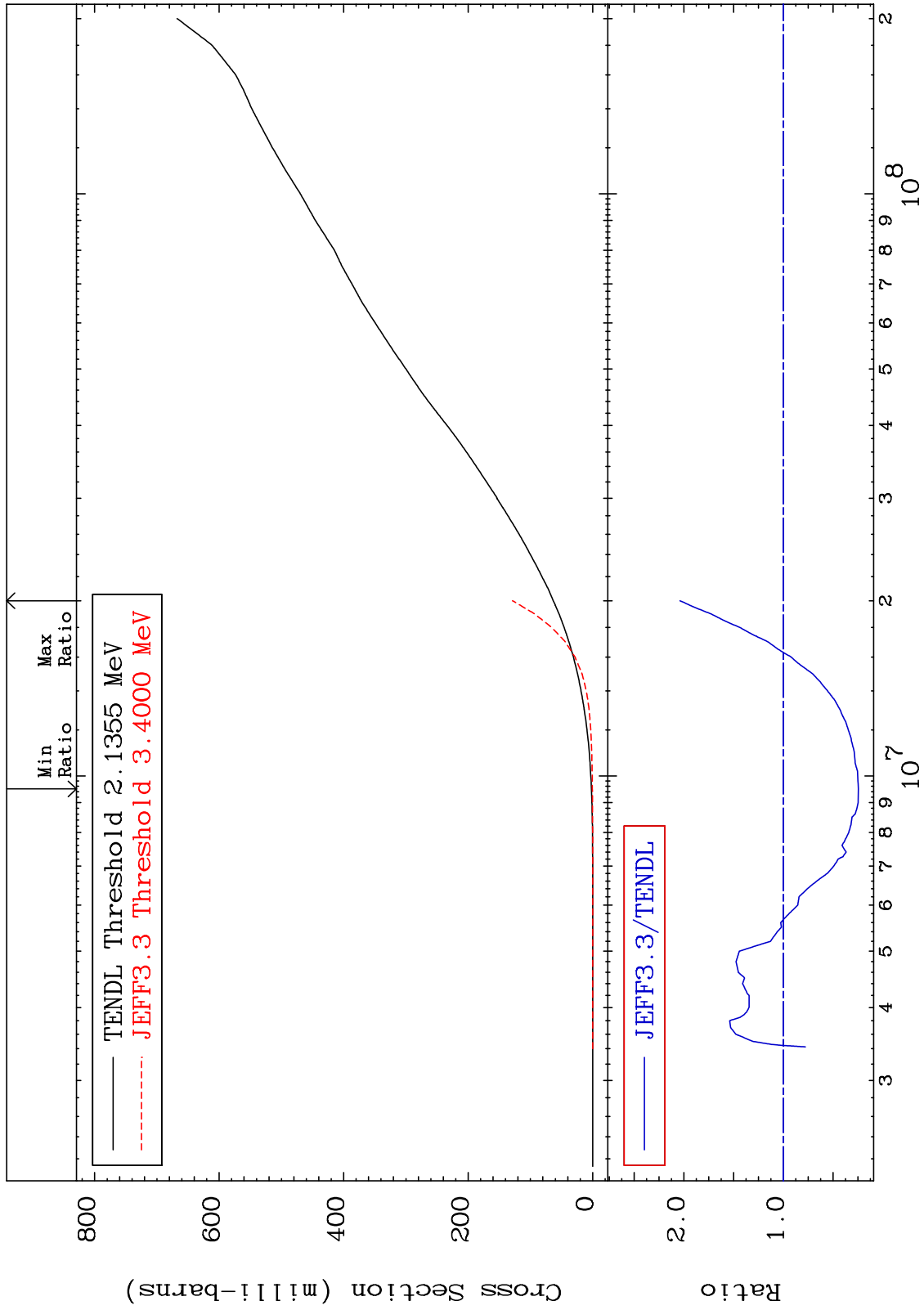
Incident Energy (eV)

40-Zr-93

MAT 4034

Hydrogen Production
Cross Section

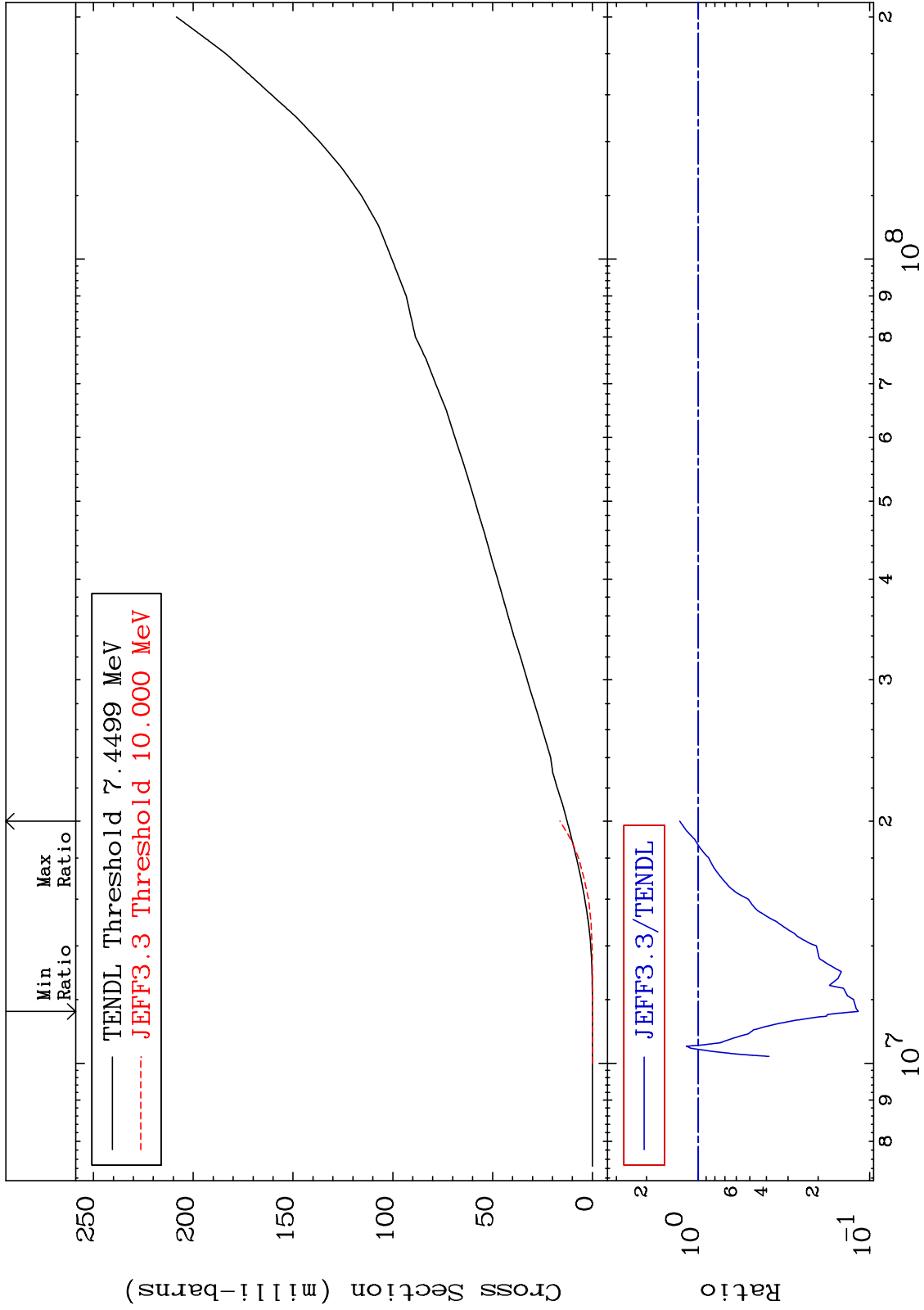
40-Zr-93
-75.42 To 103.9 %



MAT 4034

Deuterium Production
Cross Section

40-Zr-93
-88.35 To 28.14 %



44

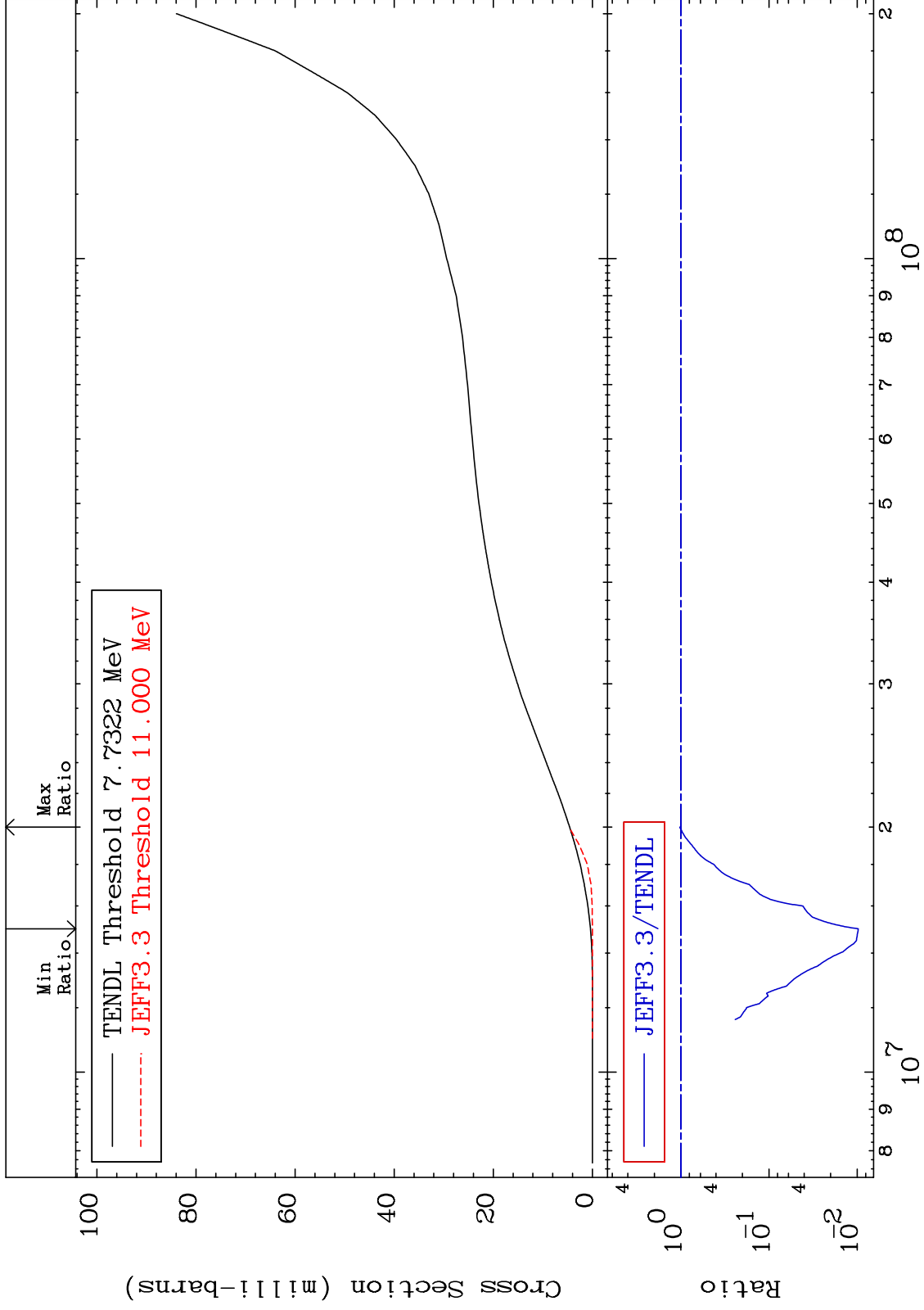
Incident Energy (eV)

40-Zr-93

MAT 4034

Tritium Production
Cross Section

40-Zr-93
-99.03 To 2.937 %



45

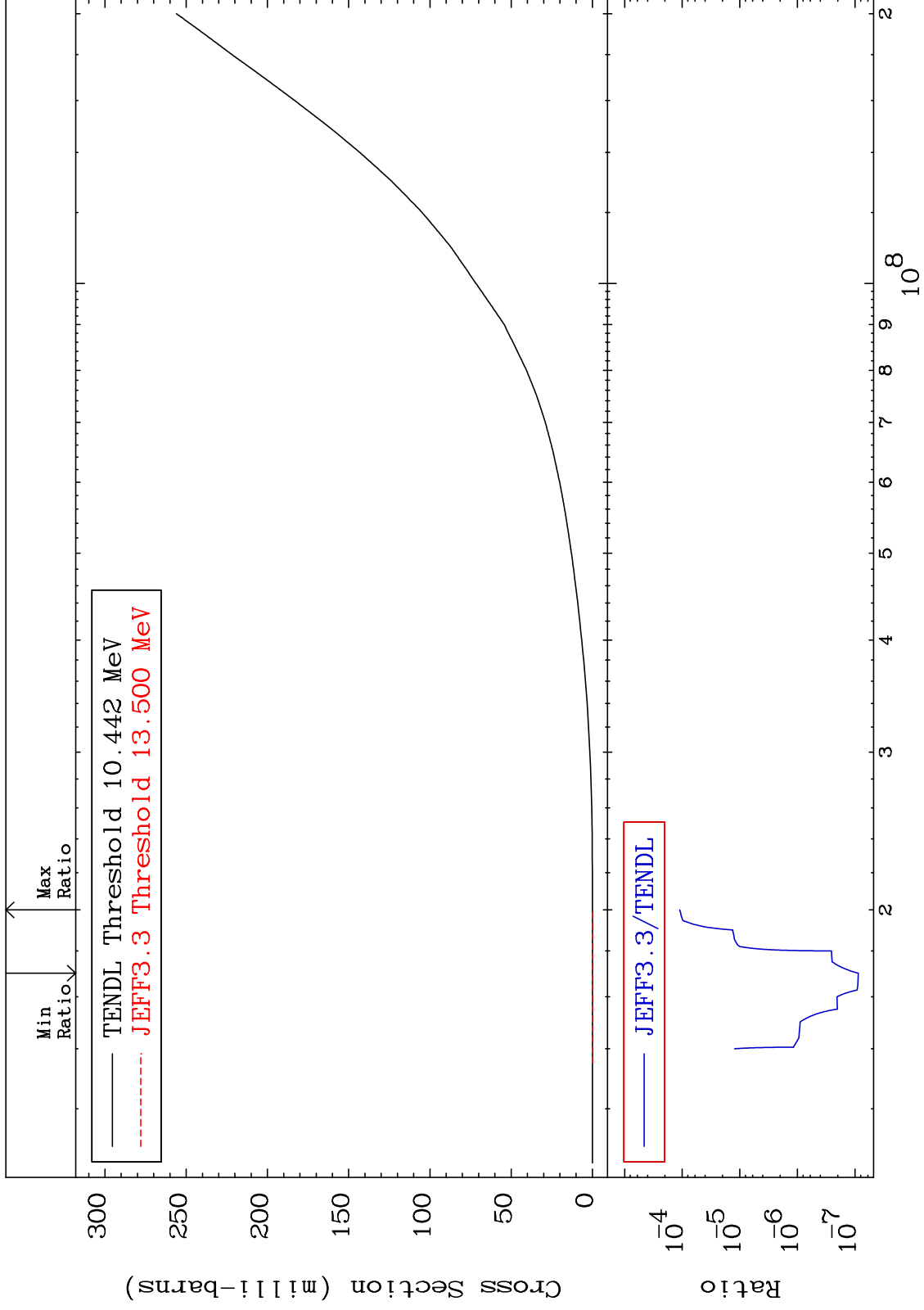
Incident Energy (eV)

40-Zr-93

MAT 4034

He-3 Production
Cross Section

40-Zr-93
-100.0 To -99.99%

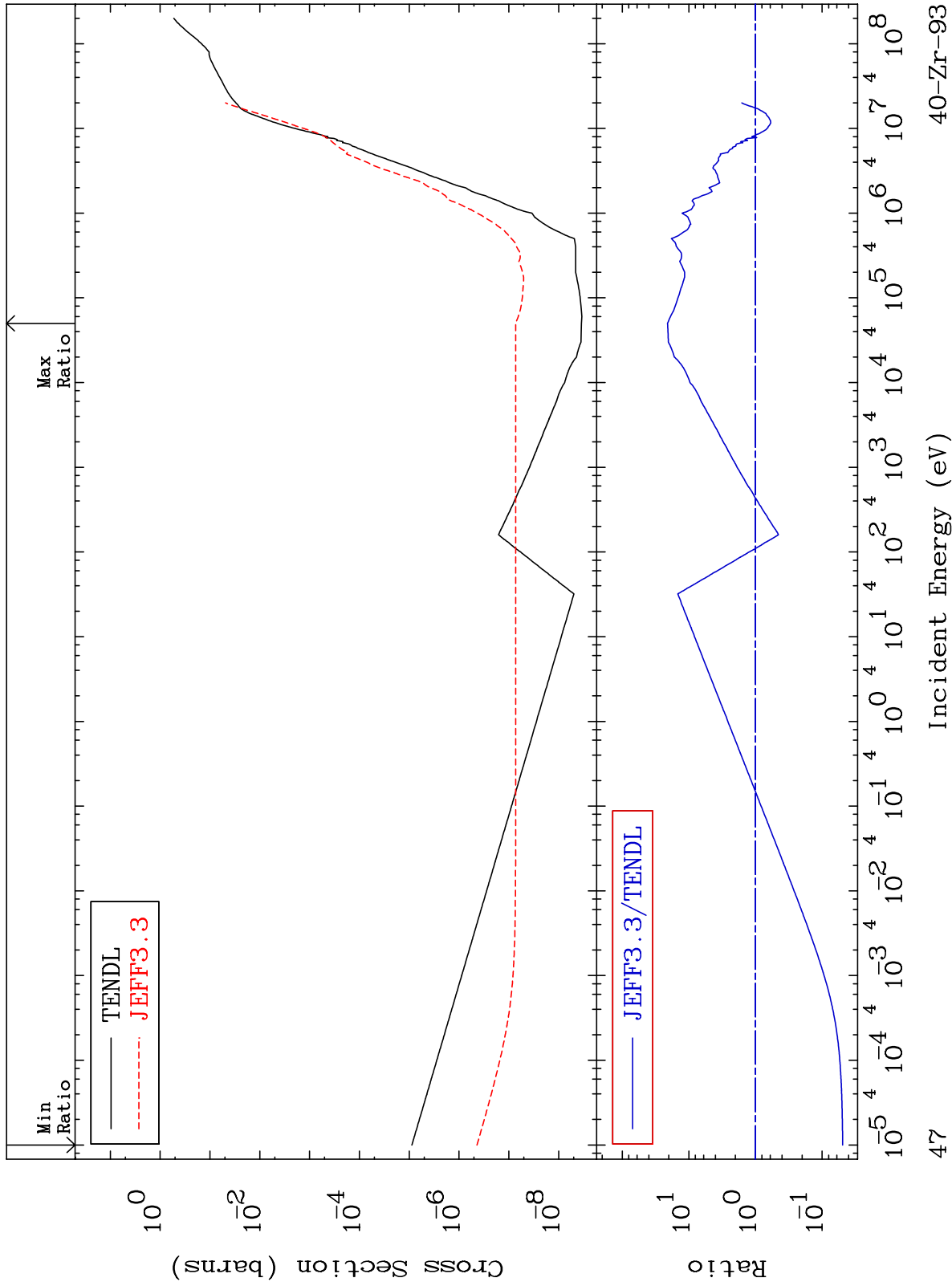


46

Incident Energy (eV)

40-Zr-93

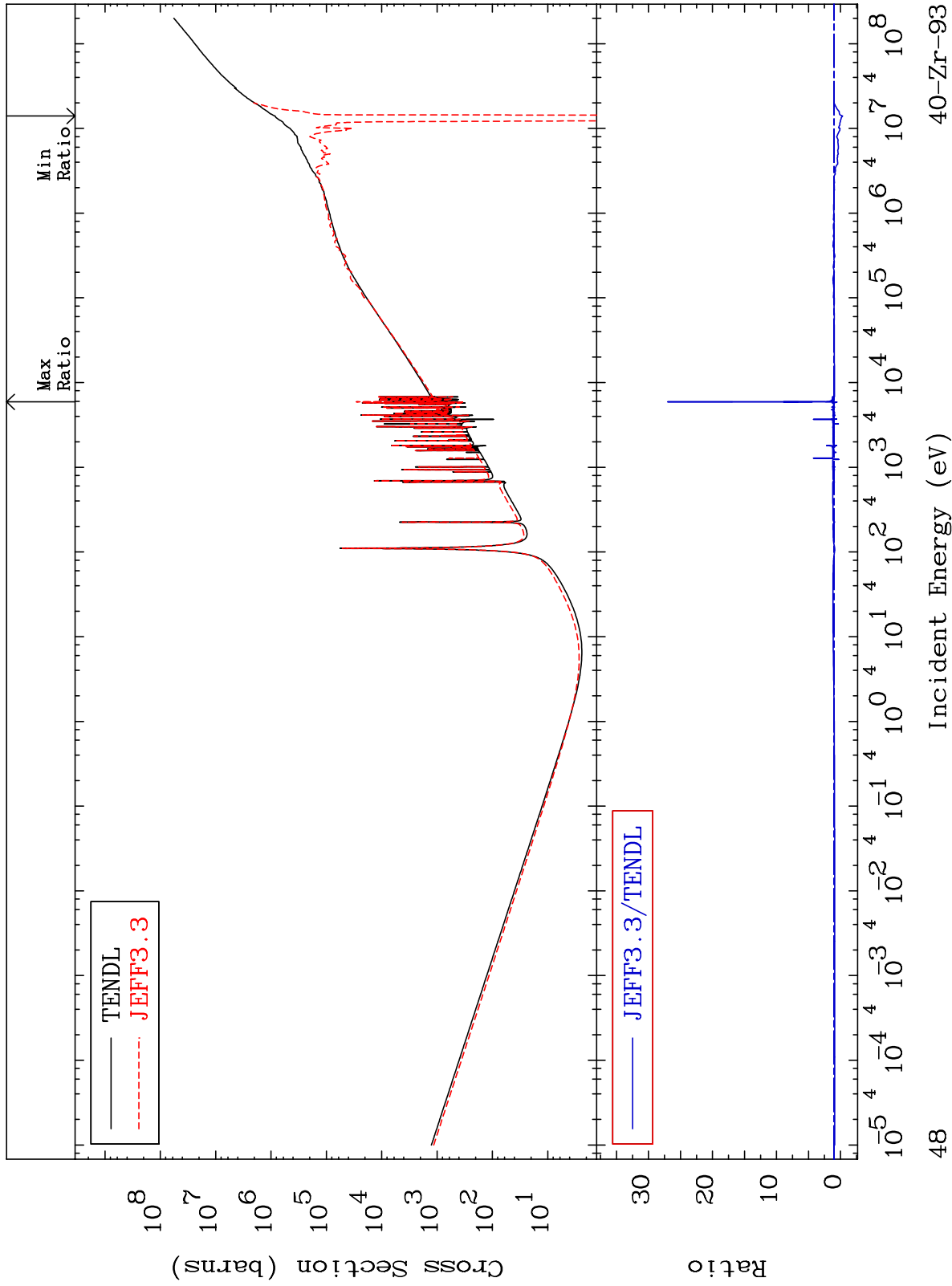
MAT 4034 He-4 Production Cross Section 40-Zr-93
 -95.08 To 1990. %



MAT 4034

Kerma total (eV-barns)
Cross Section

40-Zr-93
-133.5 To 2603. %



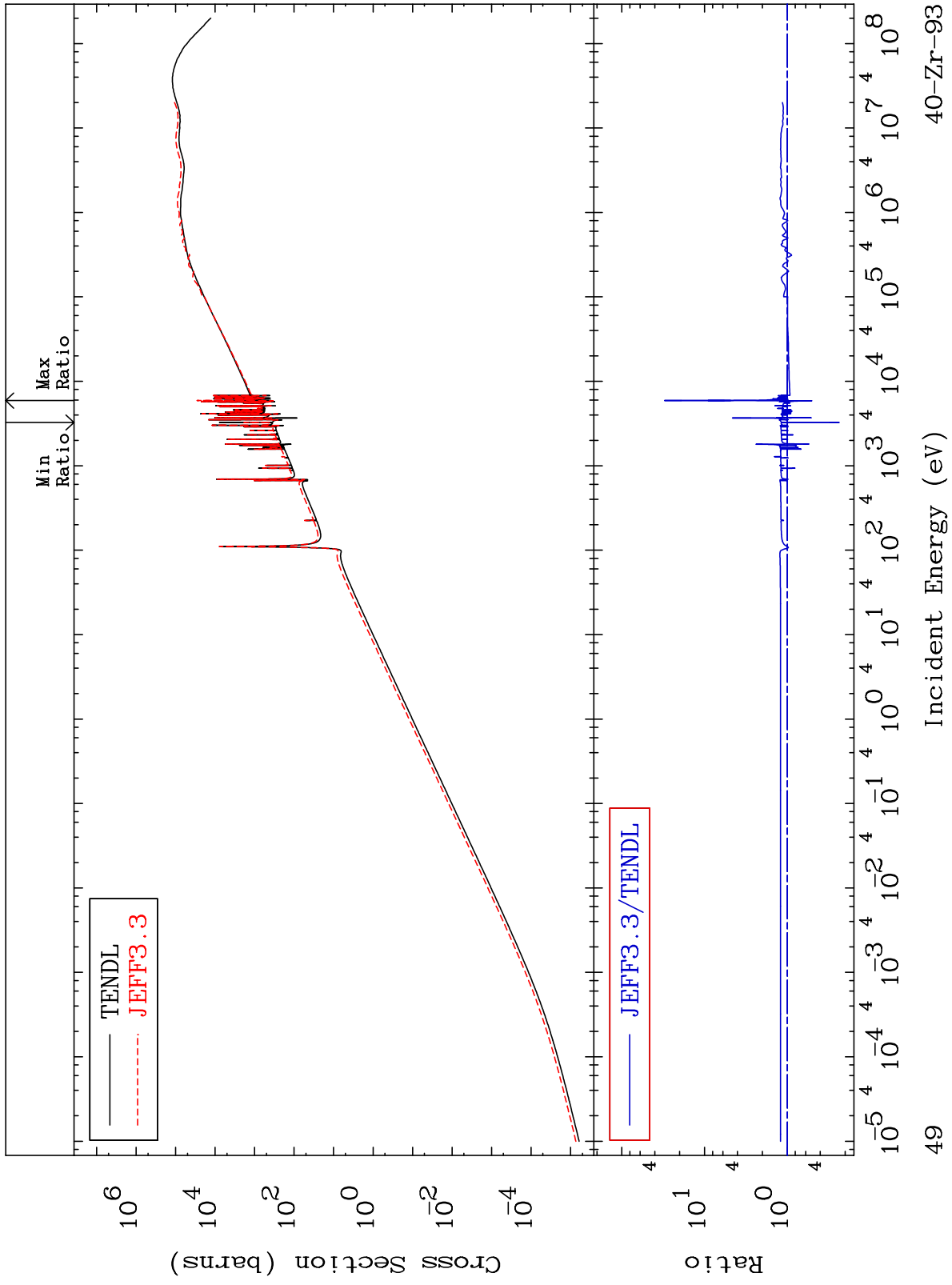
48

40-Zr-93

MAT 4034

Kerma elastic
Cross Section

40-Zr-93
-76.33 To 2949. %



49

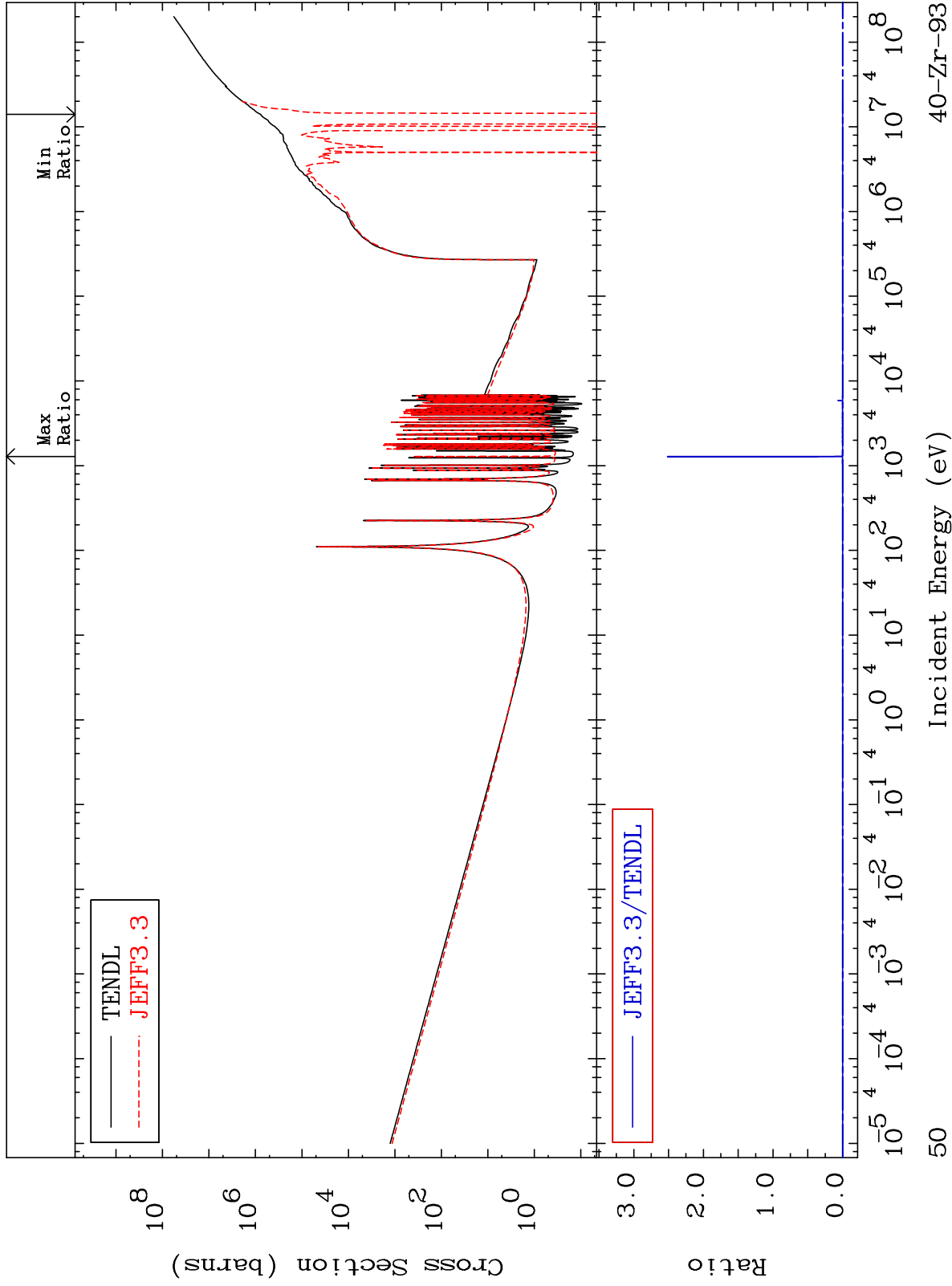
Incident Energy (eV)

40-Zr-93

MAT 4034

Kerma non-elastic (all but mt2)
Cross Section

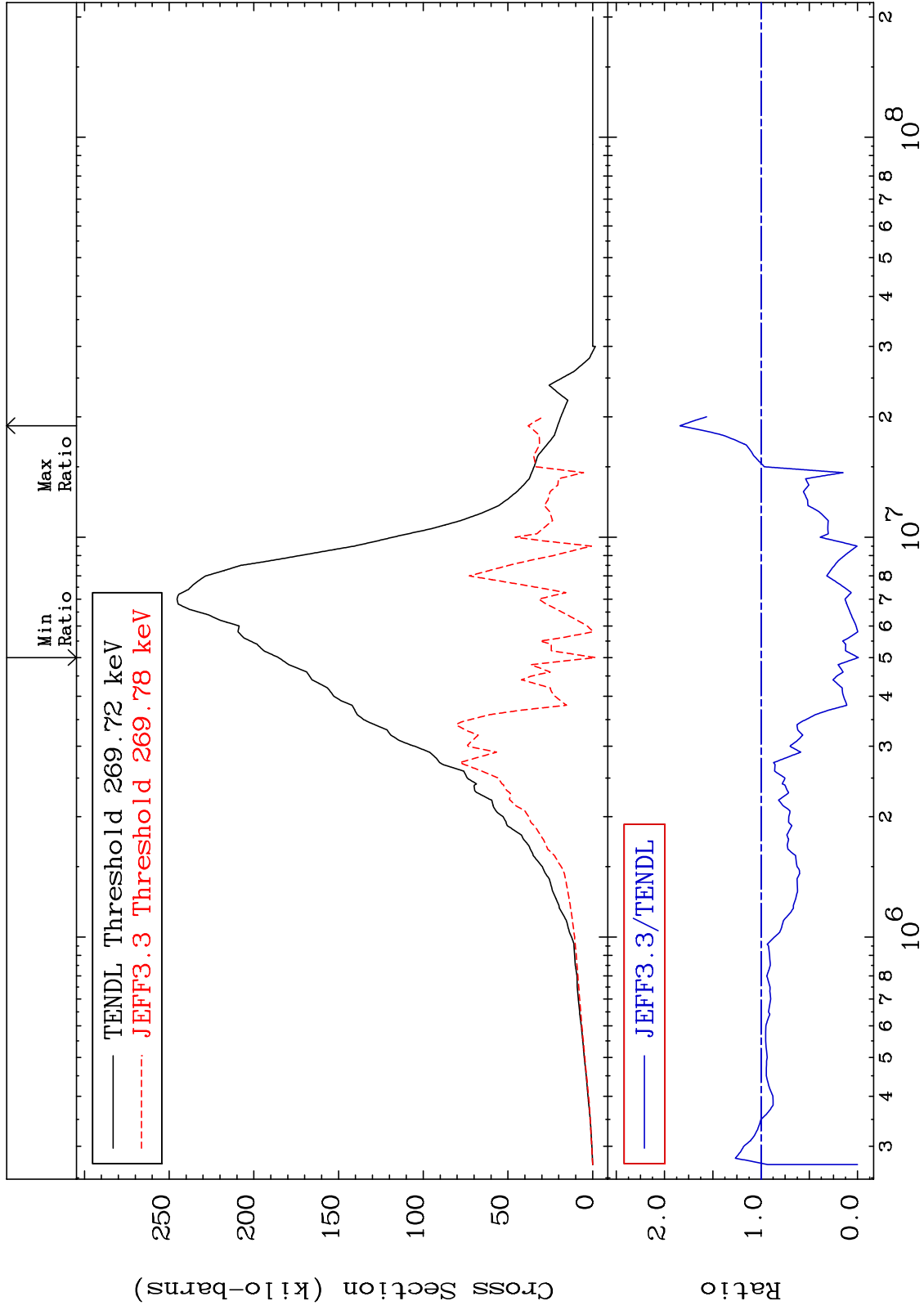
40-Zr-93
-148.3 To 9999. %



MAT 4034

Kerma inelastic (mt51-91)
Cross Section

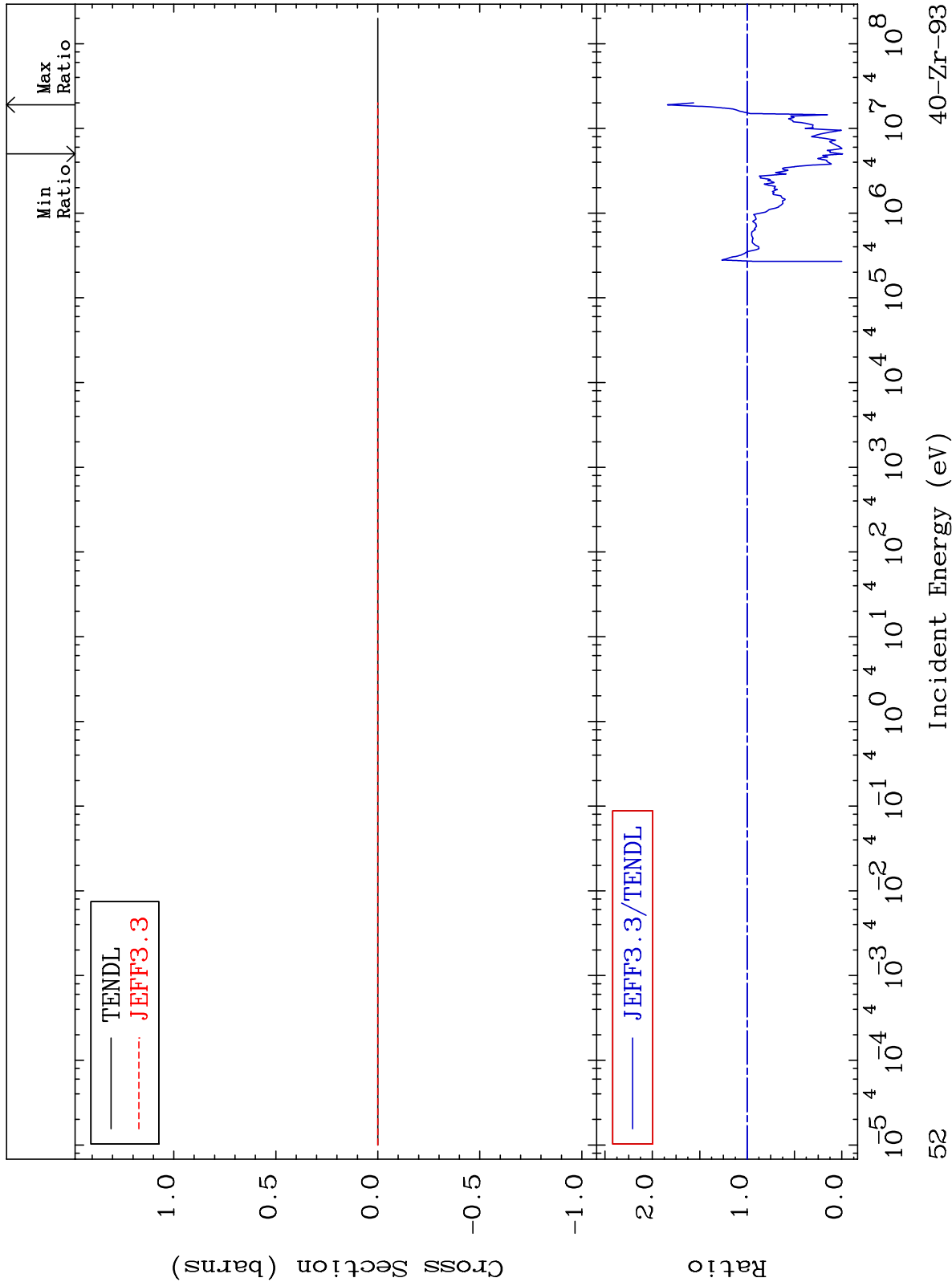
40-Zr-93
-100.9 To 83.98 %



MAT 4034

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

40-Zr-93
-100.9 To 83.98 %



52

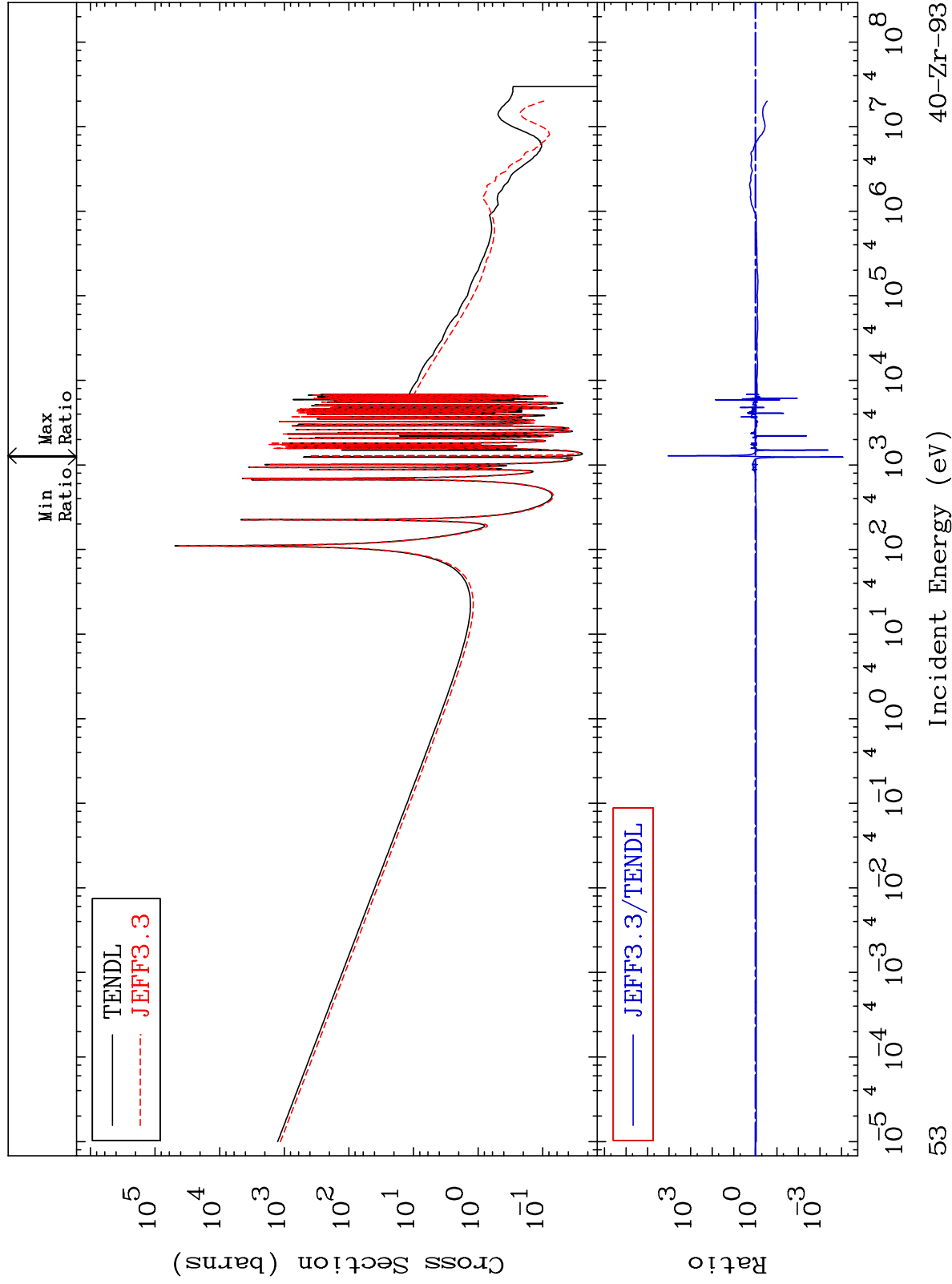
Incident Energy (eV)

40-Zr-93

MAT 4034

Kerma capture (mt102)
Cross Section

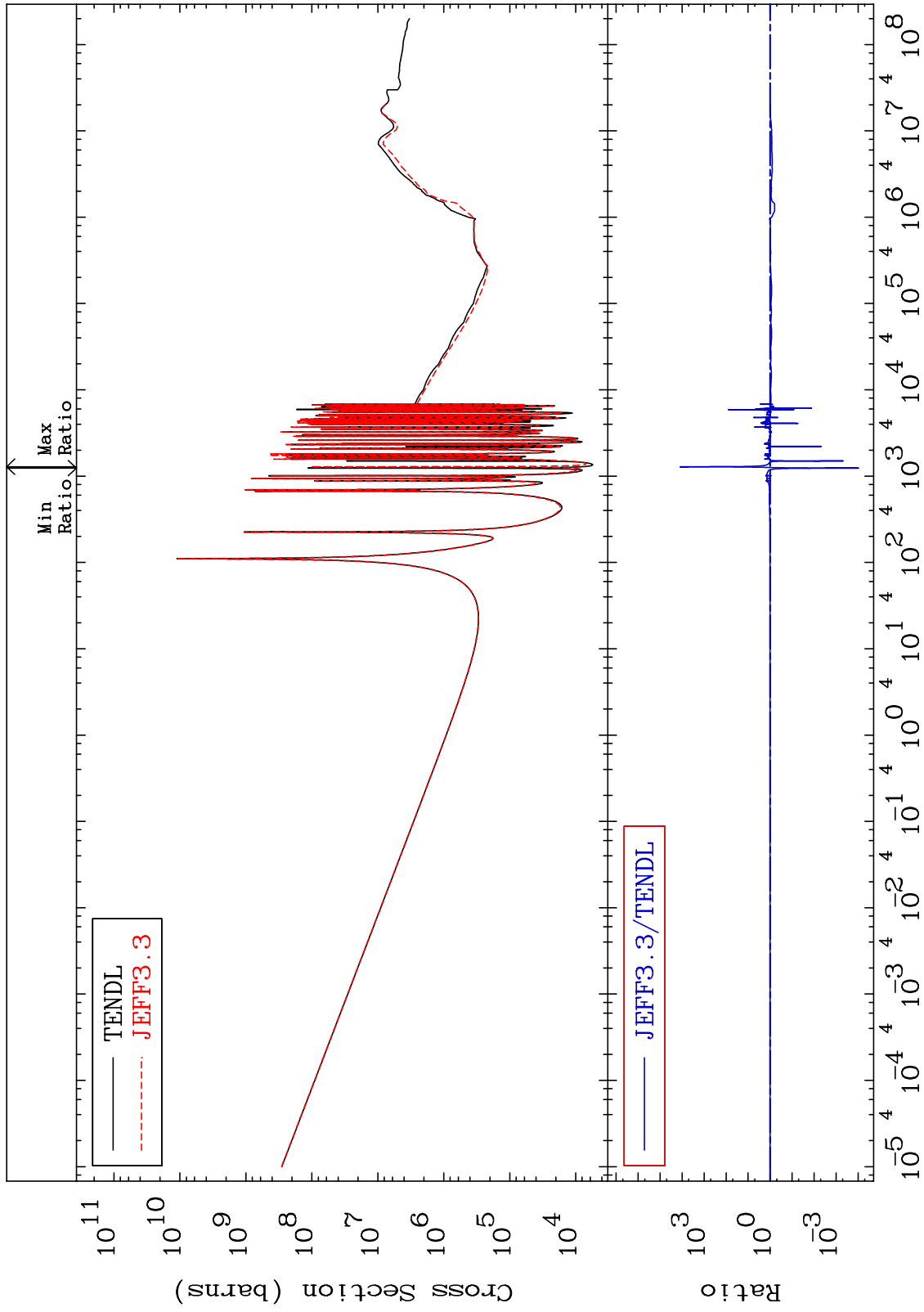
40-Zr-93
-99.99 To 9999. %



MAT 4034

Total photon (eV-barns)
Cross Section

40-Zr-93
-99.99 To 9999. %



54

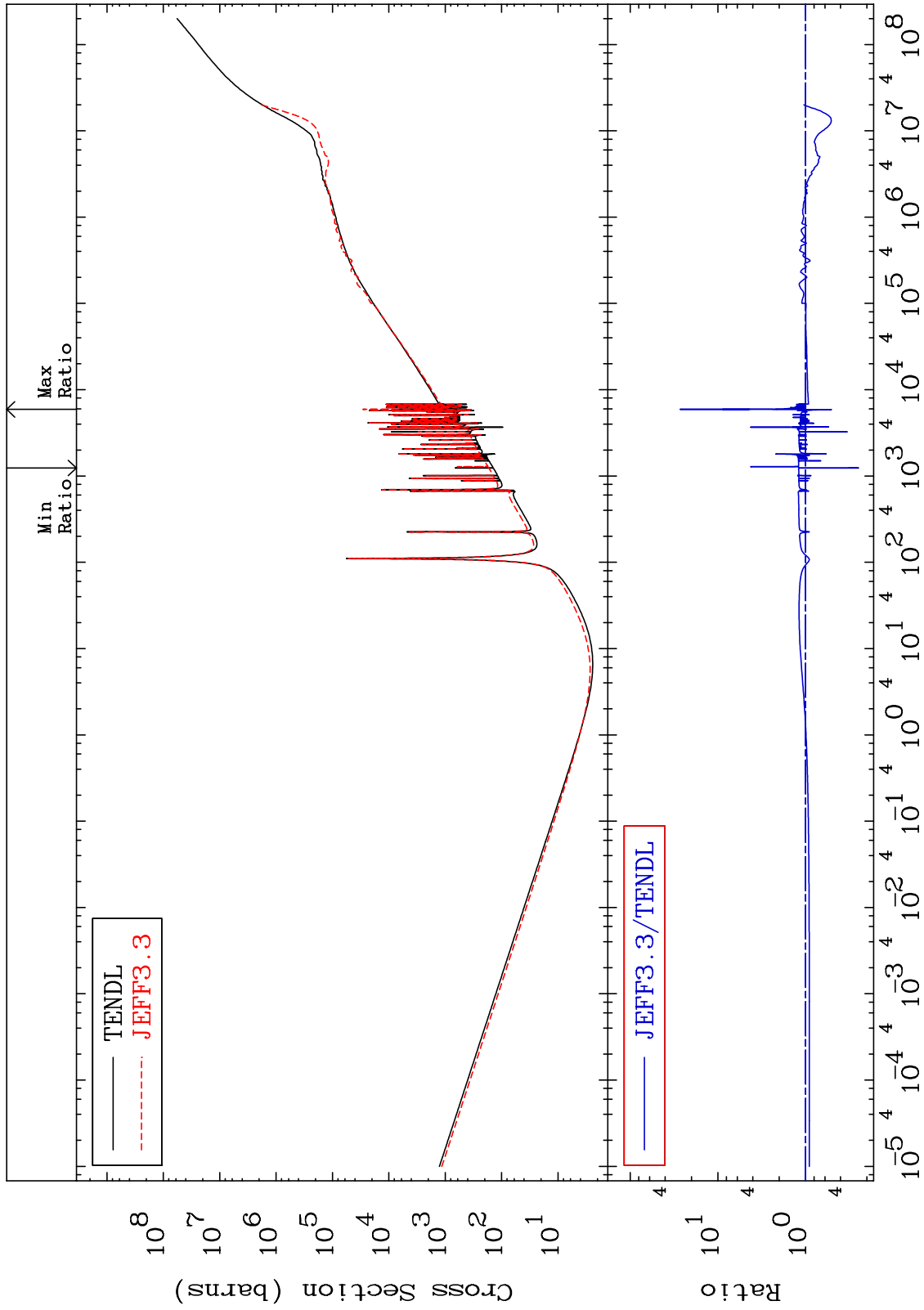
Incident Energy (eV)

40-Zr-93

MAT 4034

Total kinematic kerma (high limit)
Cross Section

40-Zr-93
-75.01 To 2603. %



55

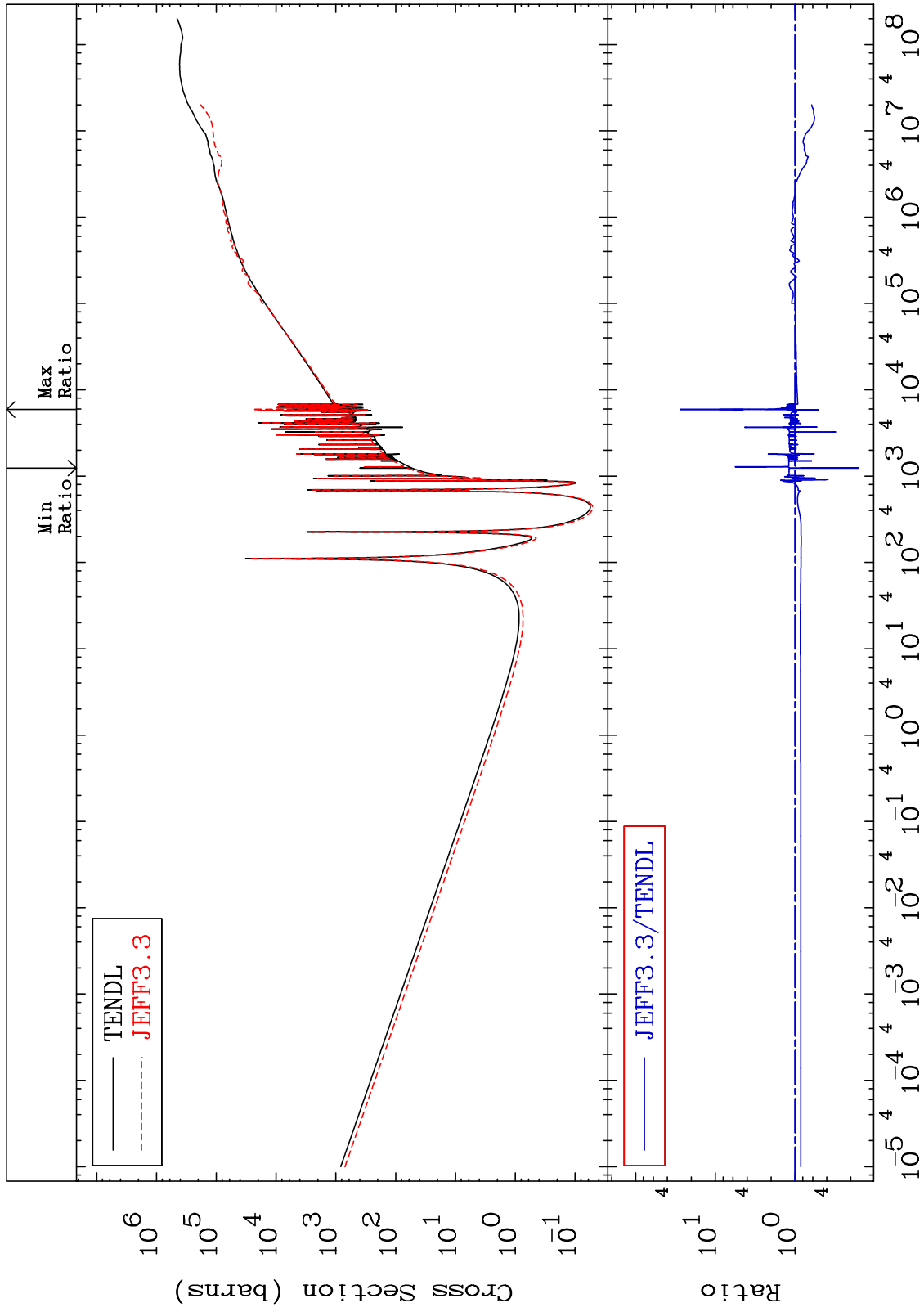
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa total (eV-barns)
Cross Section

40-Zr-93
-83.93 To 2675. %



56

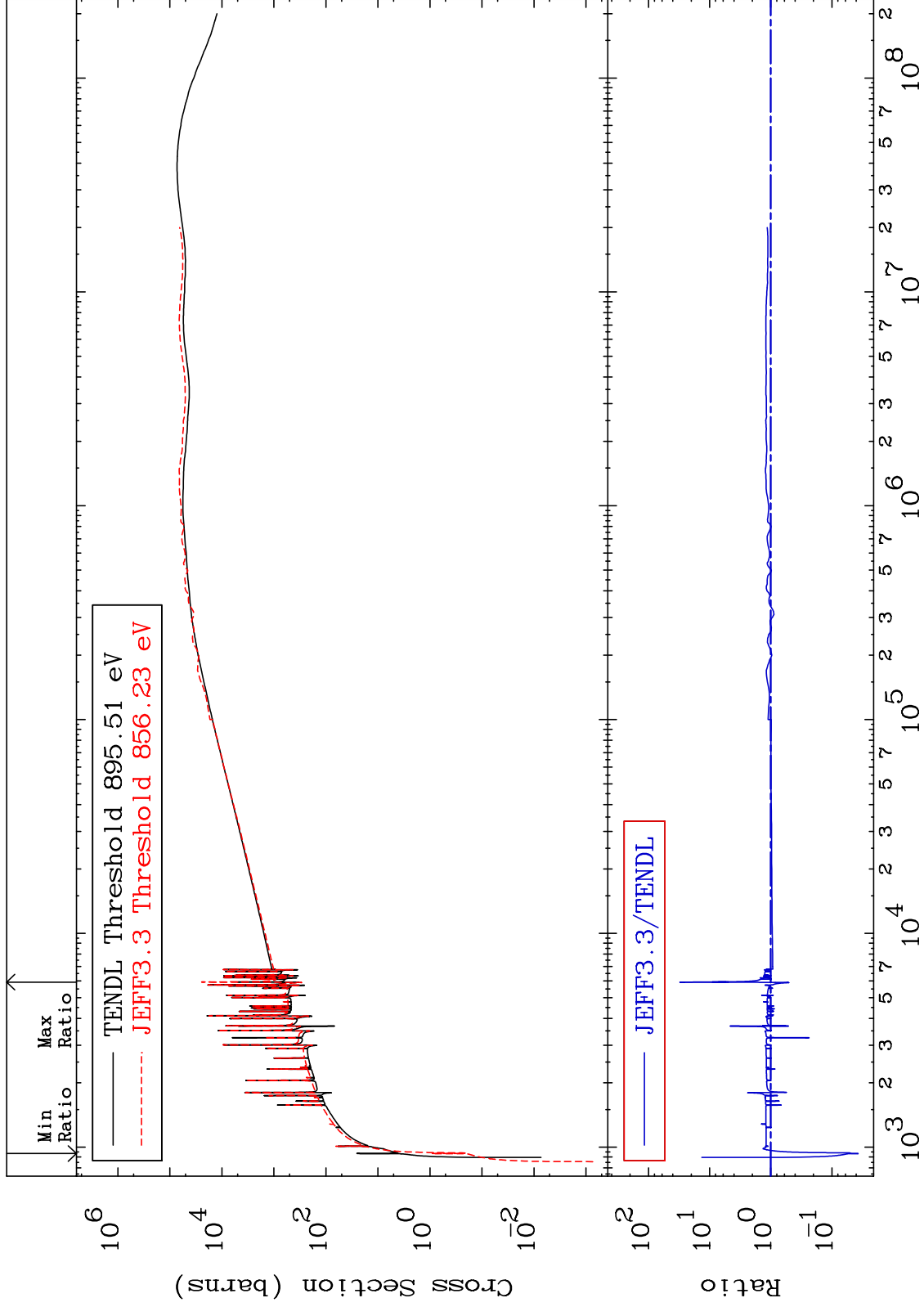
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa elastic (mt2)
Cross Section

40-Zr-93
-96.31 To 2949. %



57

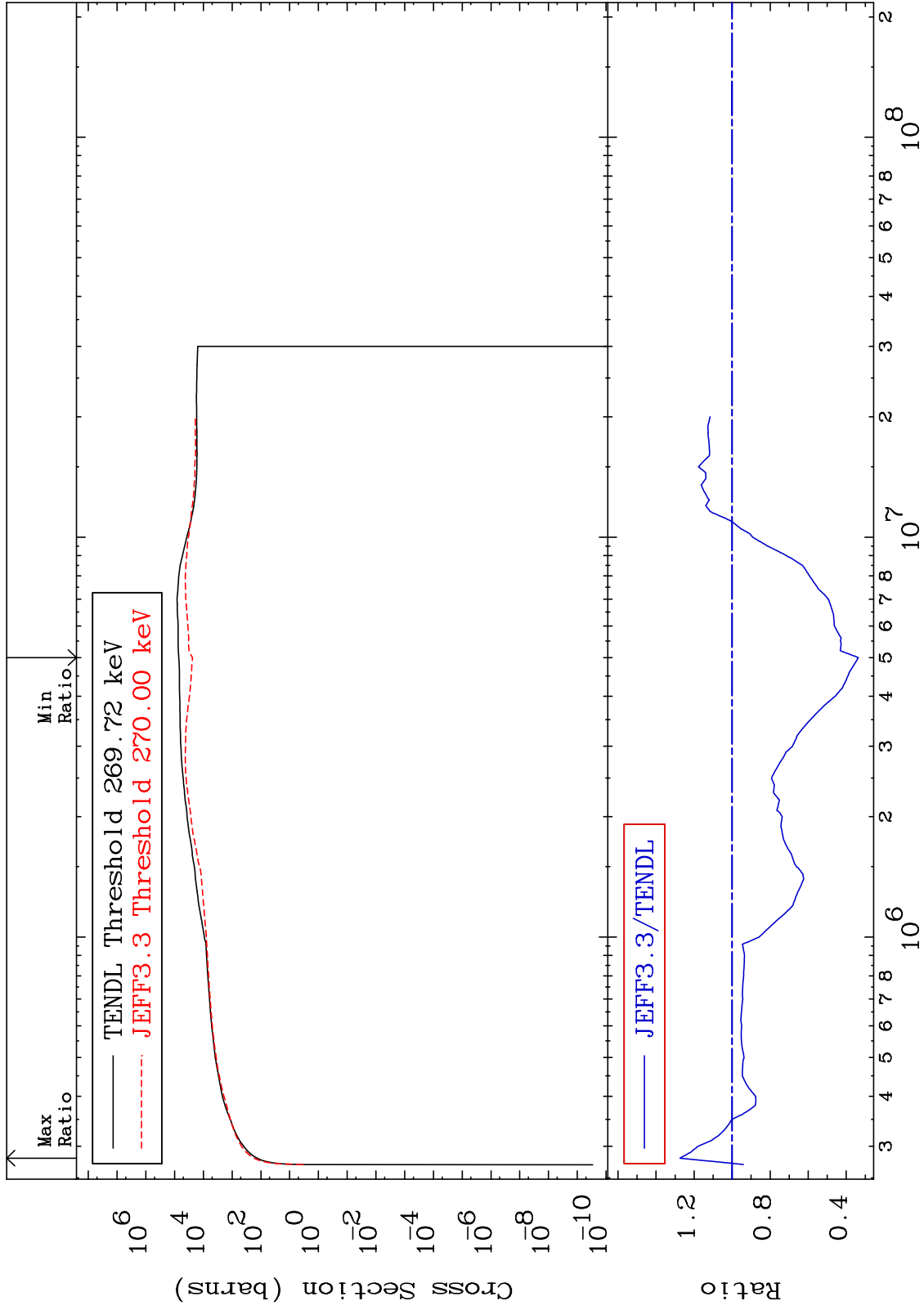
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa inelastic (mt51-91)
Cross Section

40-Zr-93
-66.40 To 27.40 %



MAT 4034

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-93
-99.99 To 9999. %

