

Program Complot
(Version 2018-1)

by

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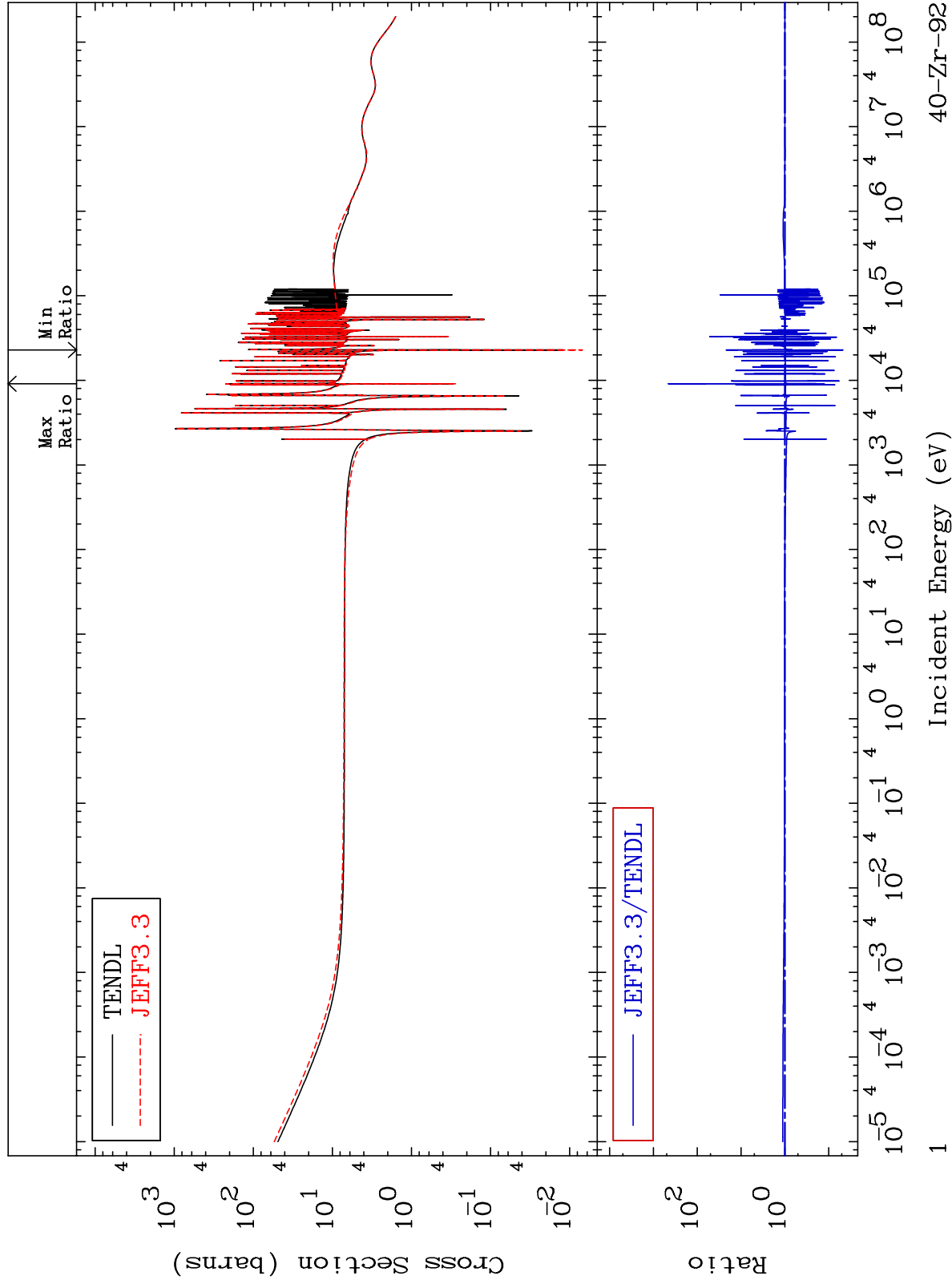
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4031

Total
Cross Section

40-Zr-92
-95.27 To 9999. %

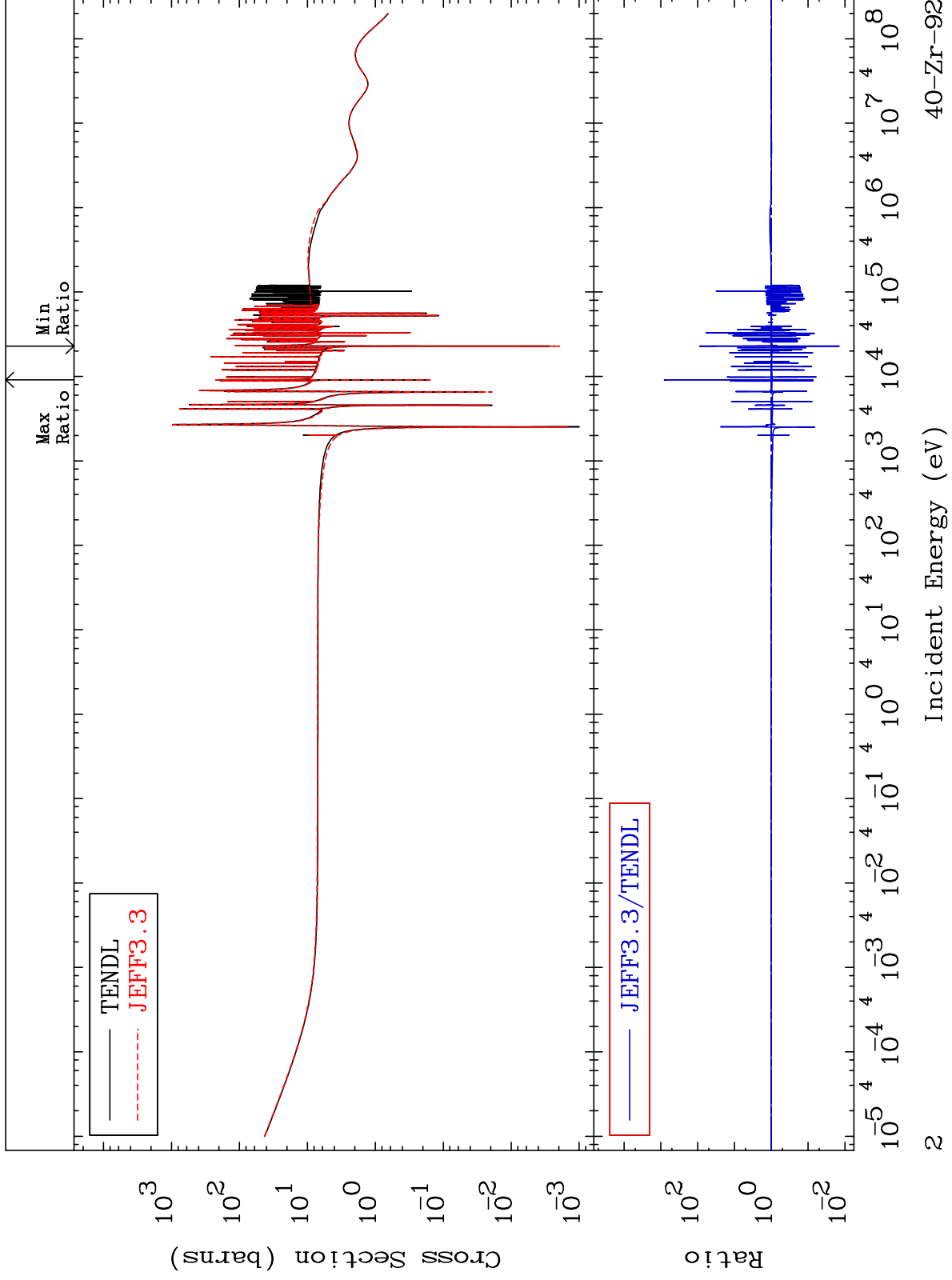


40-Zr-92

MAT 4031

Elastic
Cross Section

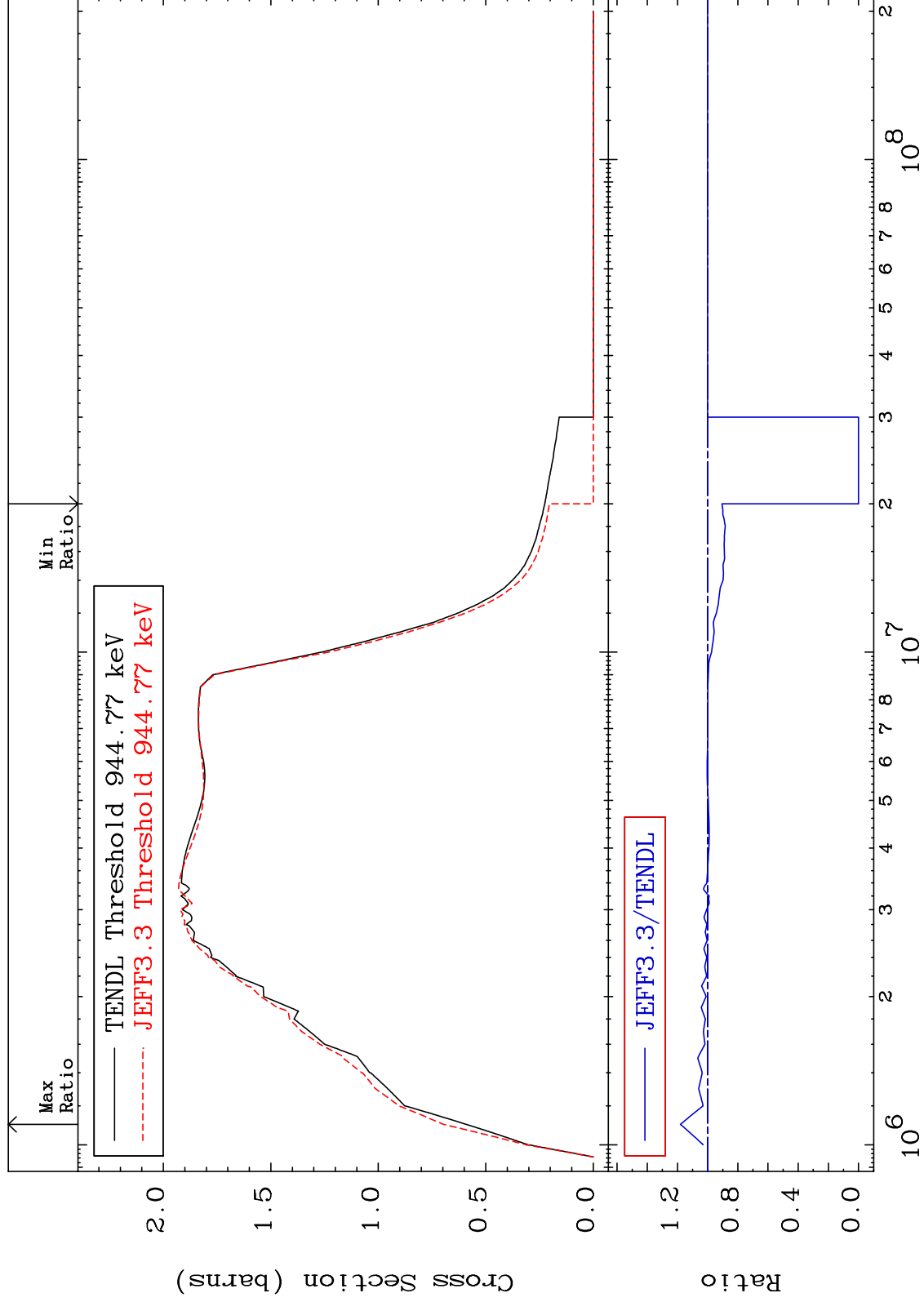
40-Zr-92
-98.56 To 9999. %



MAT 4031

Inelastic
Cross Section

40-Zr-92
-100.0 To 18.03 %



Incident Energy (eV)

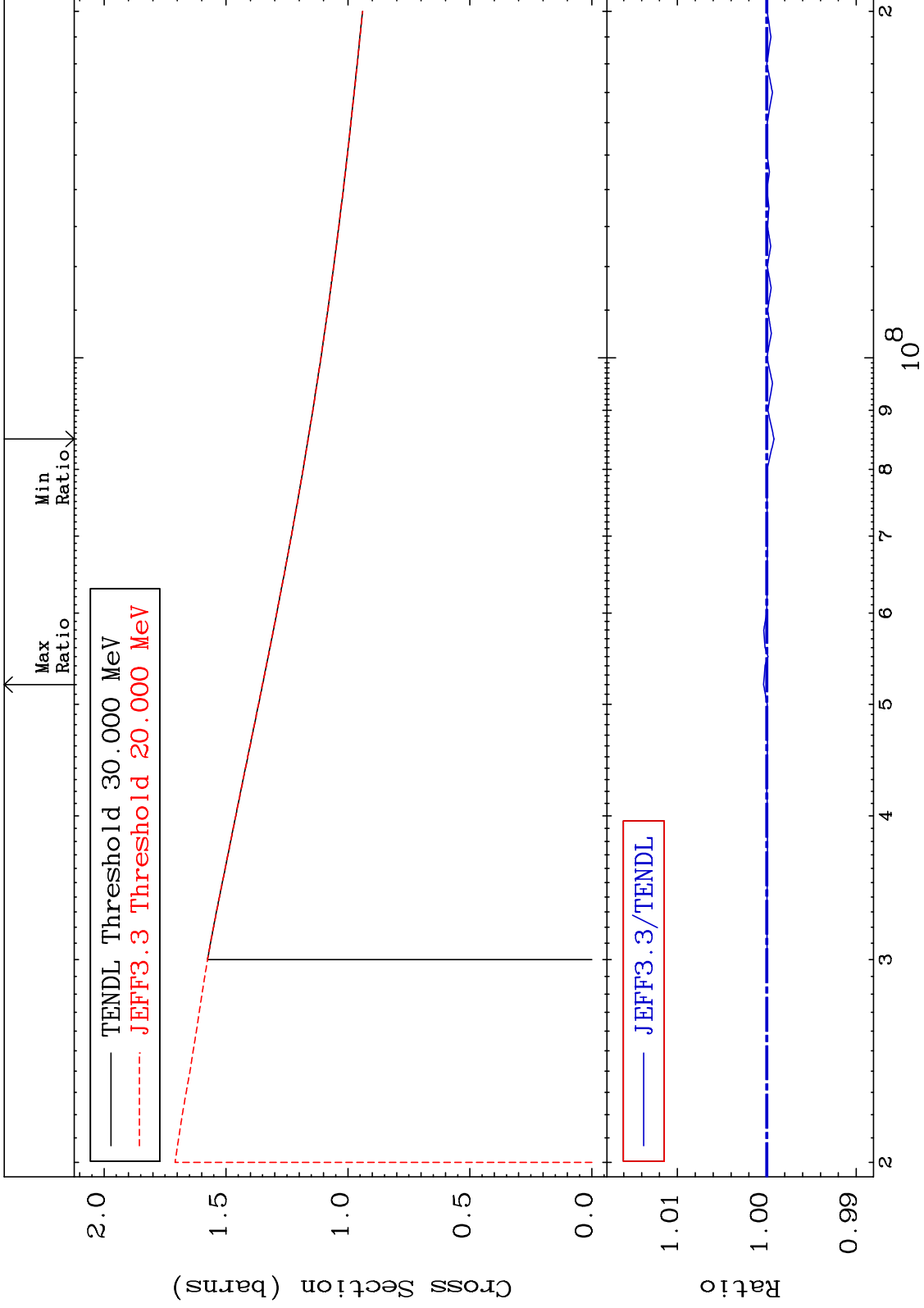
40-Zr-92

3

MAT 4031

(n, remainder)
Cross Section

40-Zr-92
-0.080 To 0.036 %



4

Incident Energy (eV)

40-Zr-92

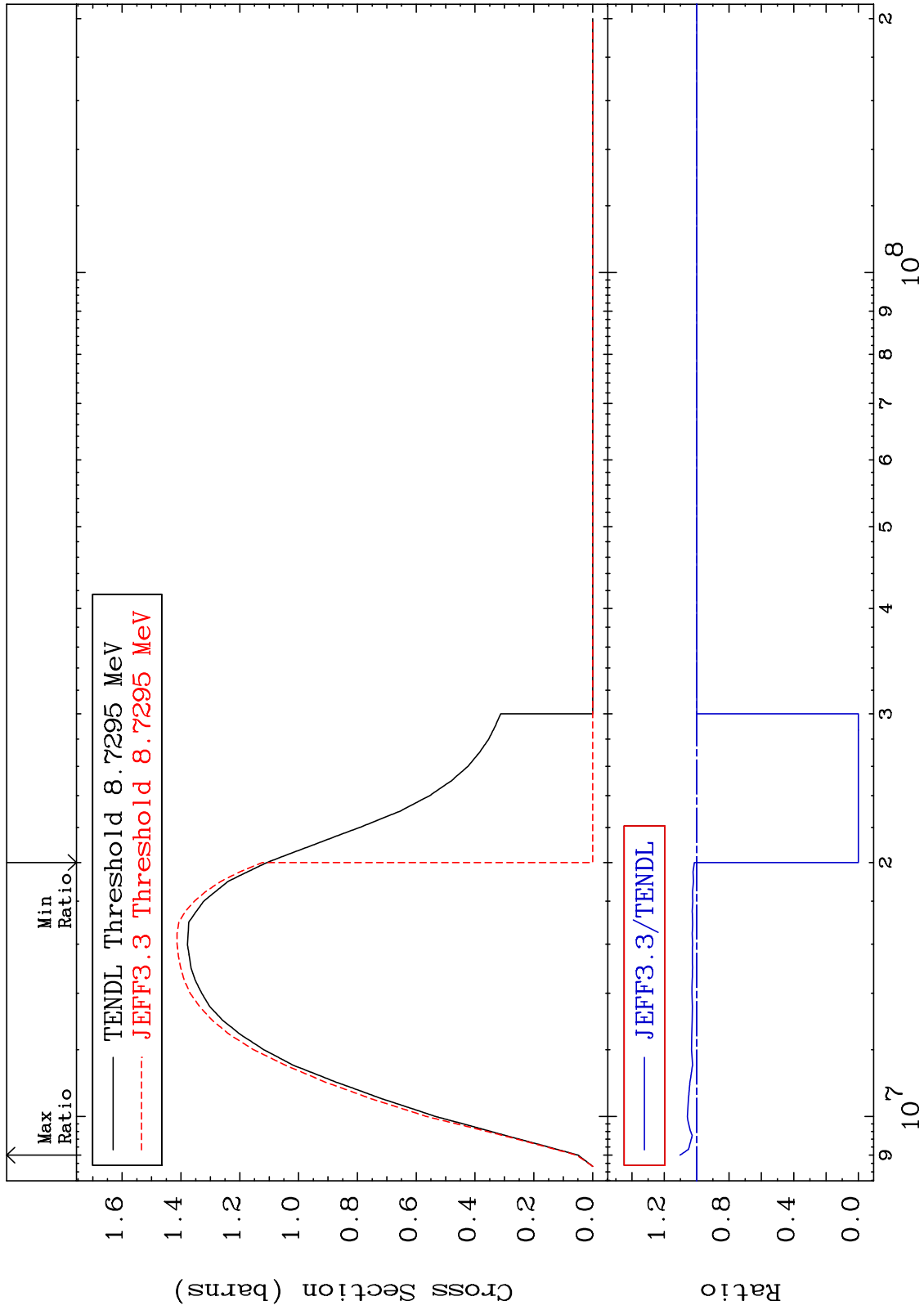
MAT 4031

(n,2n)

40-Zr-92

Cross Section

-100.0 To 10.29 %



40-Zr-92

Incident Energy (eV)

5

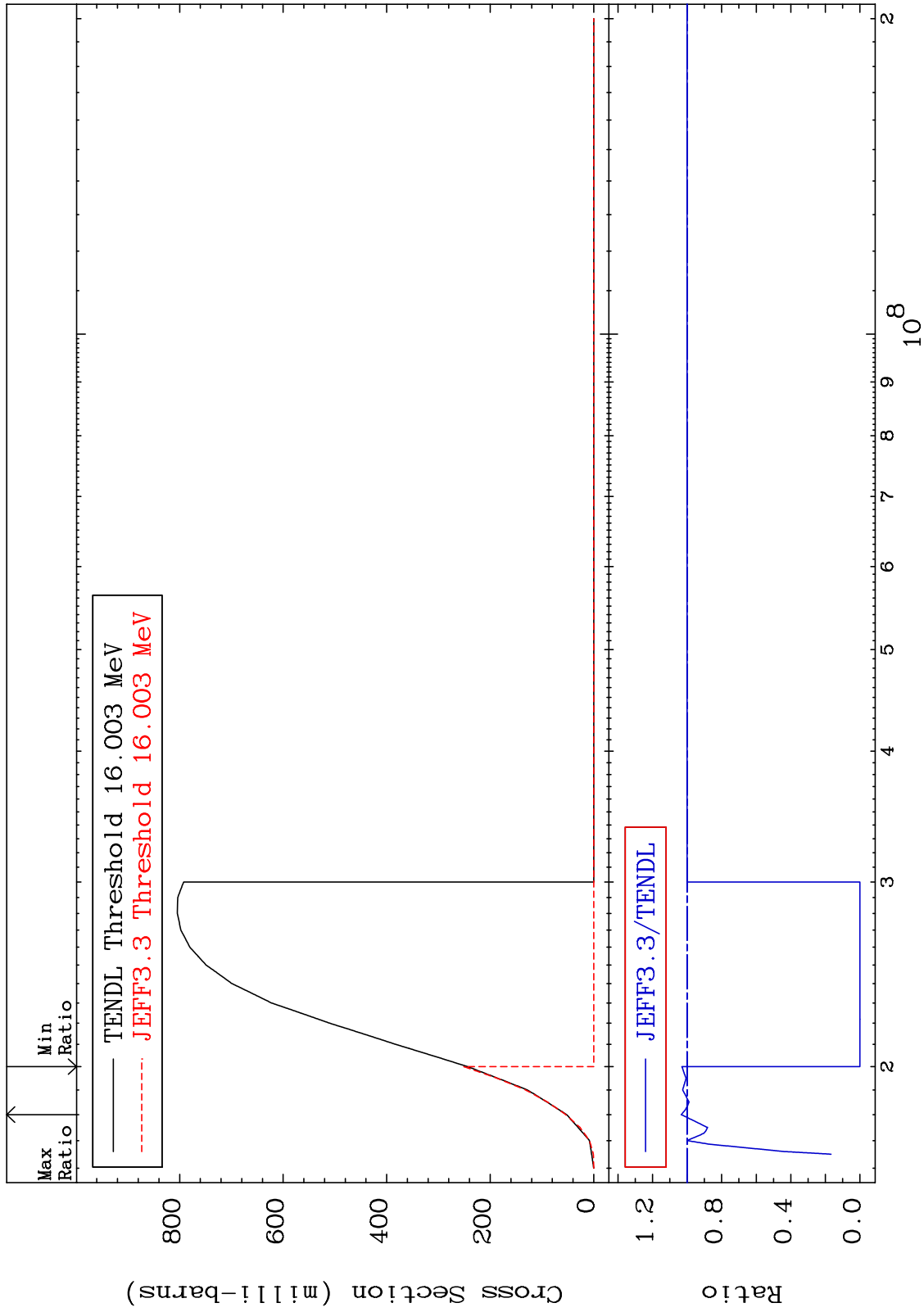
MAT 4031

(n, 3n)

40-Zr-92

Cross Section

-100.0 To 3.398 %



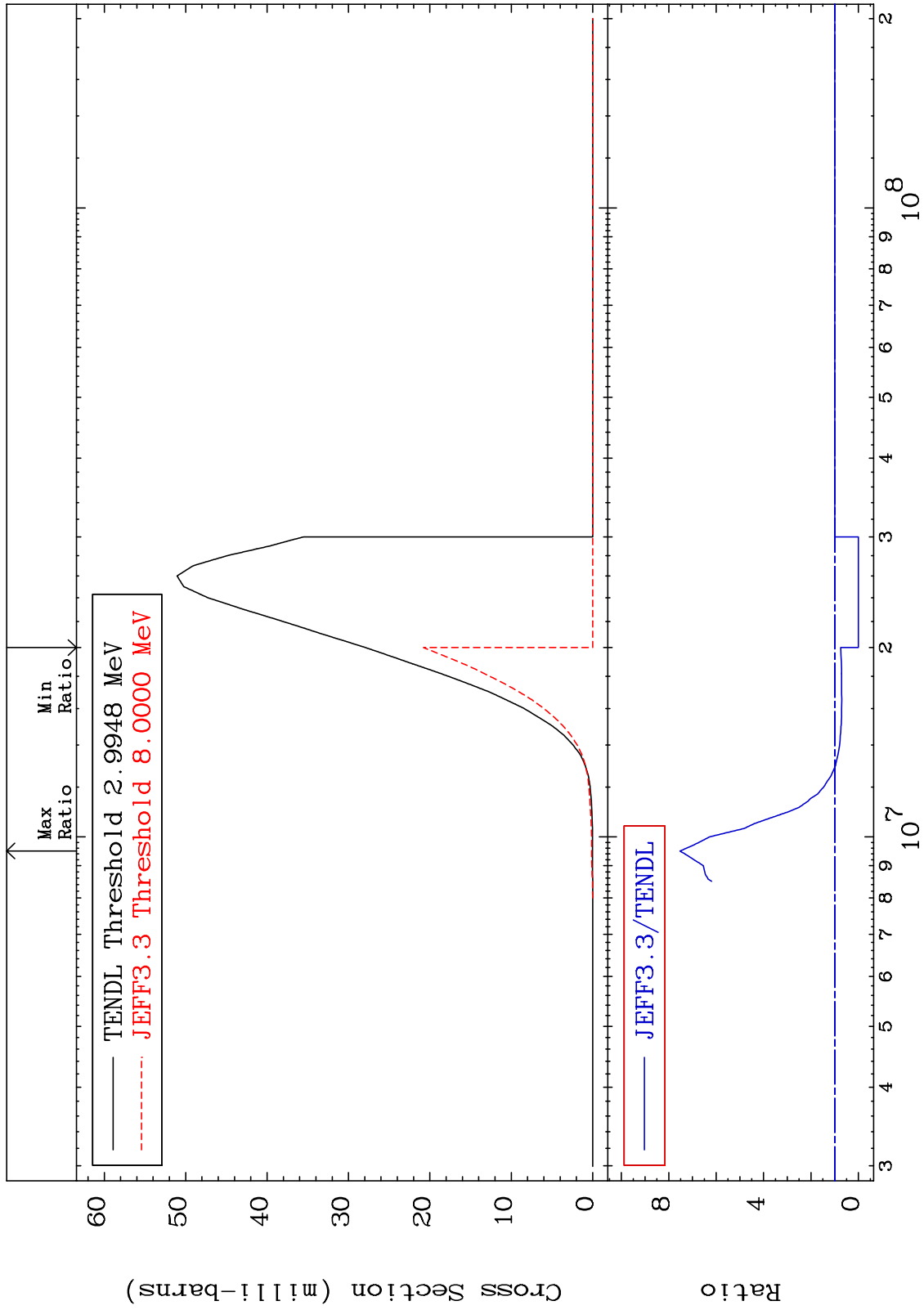
MAT 4031

(n, n') α

40-Zr-92

-100.0 To 652.5 %

Cross Section



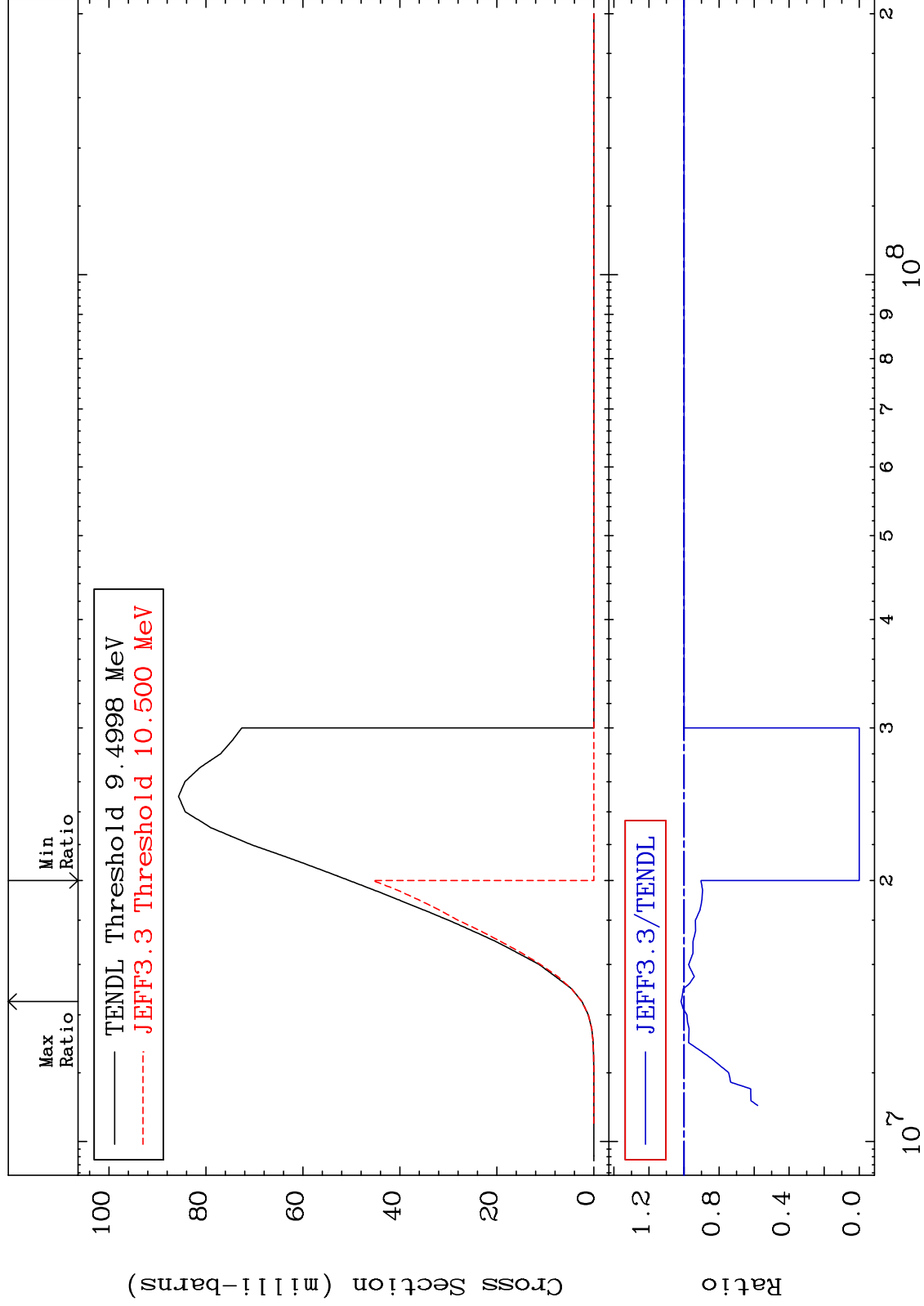
MAT 4031

(n,n') p

40-Zr-92

Cross Section

-100.0 To 1.688 %



40-Zr-92

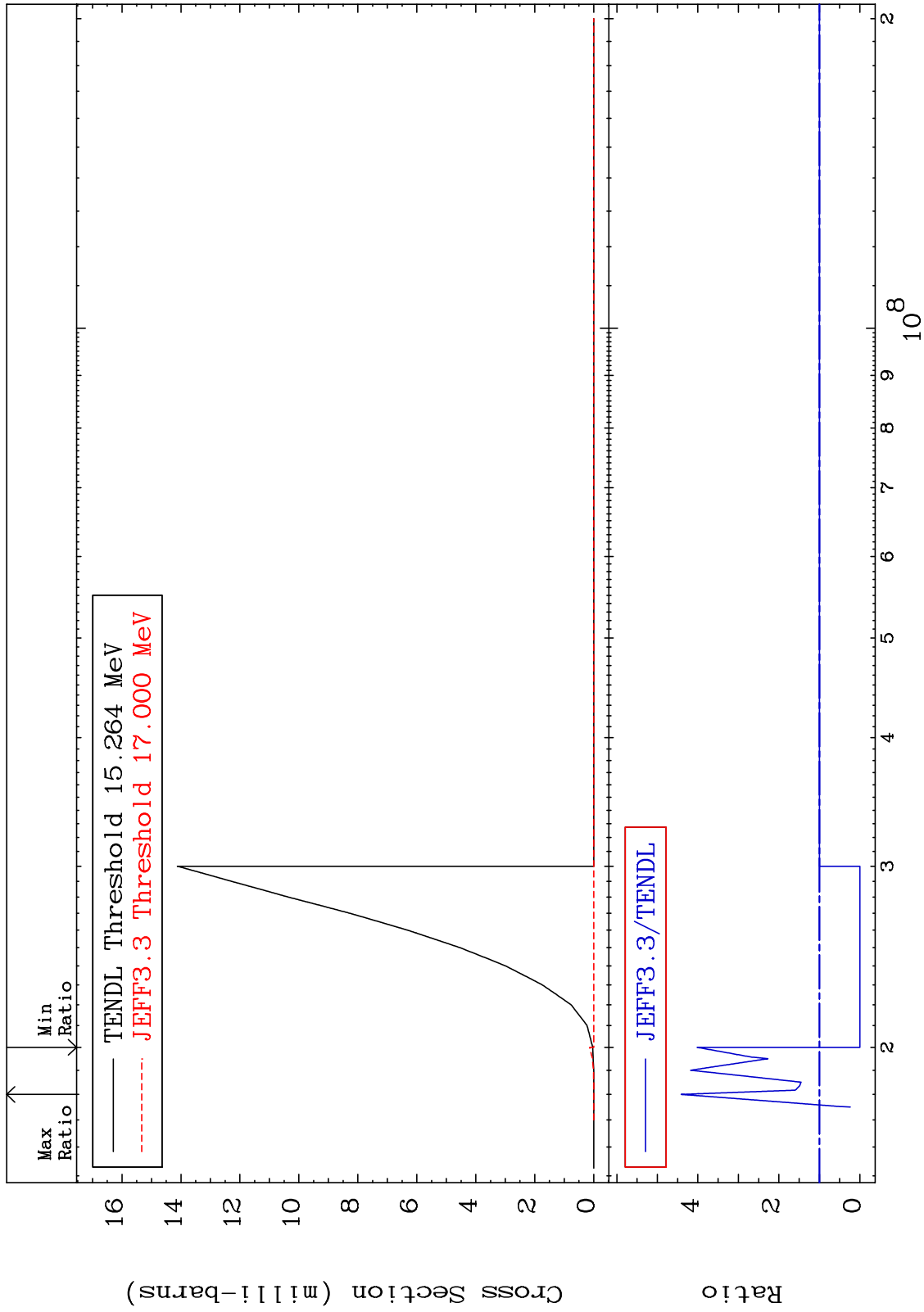
MAT 4031

(n, n') d

40-Zr-92

Cross Section

-100.0 To 341.0 %



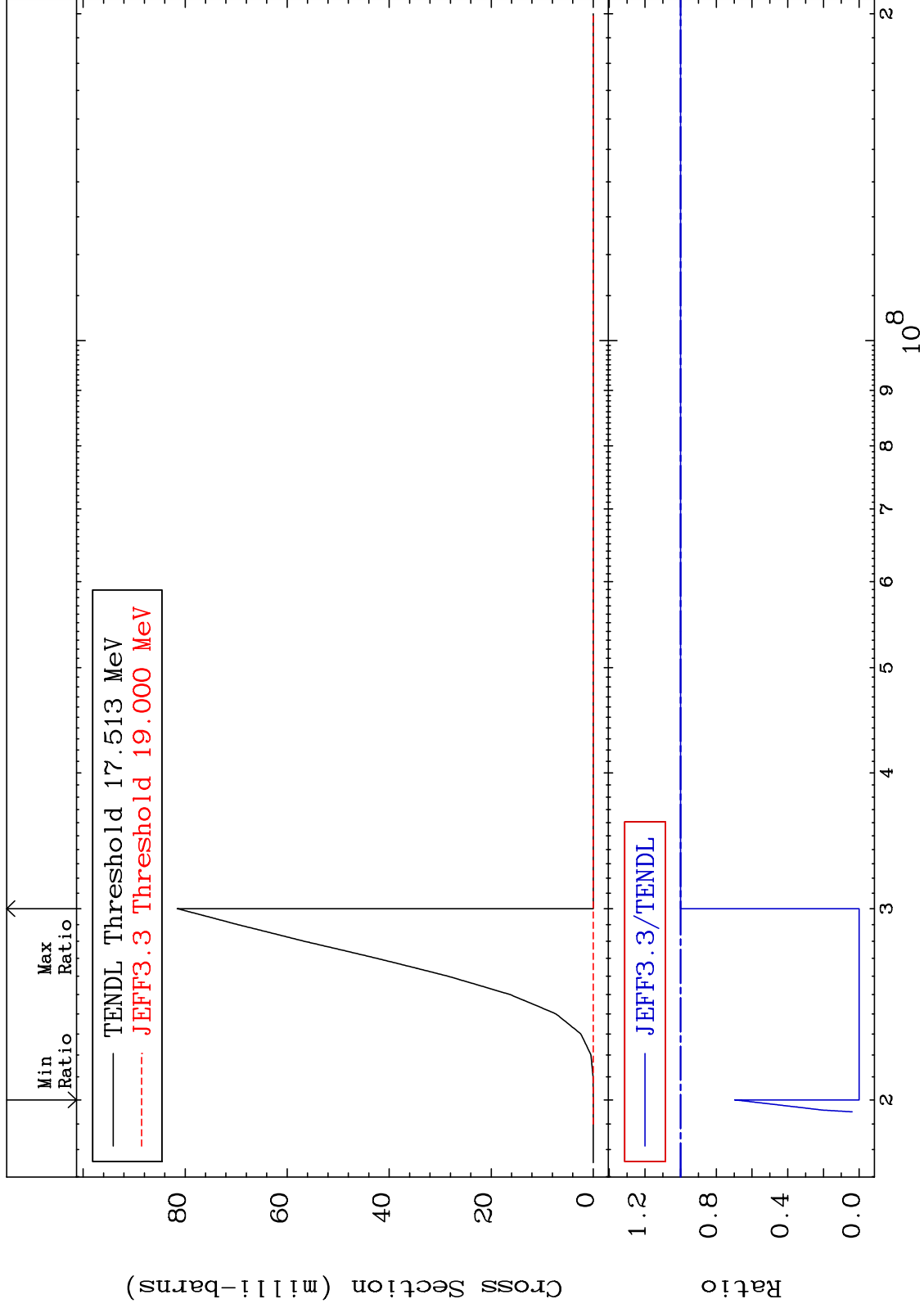
MAT 4031

(n,2n) p

40-Zr-92

Cross Section

-100.0 To 0.000 %



10

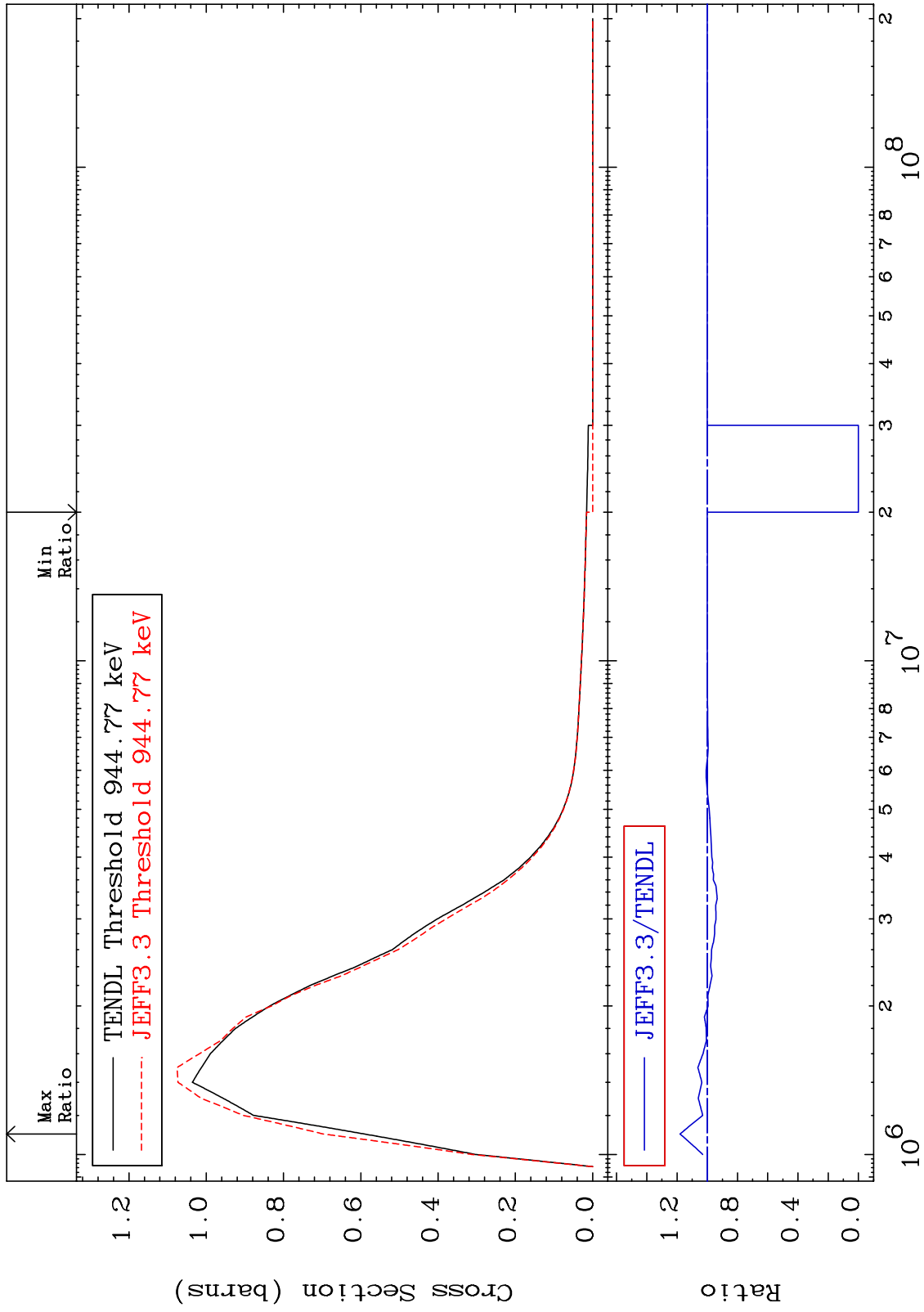
Incident Energy (eV)

40-Zr-92

MAT 4031

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

40-Zr-92
-100.0 To 18.03 %



11

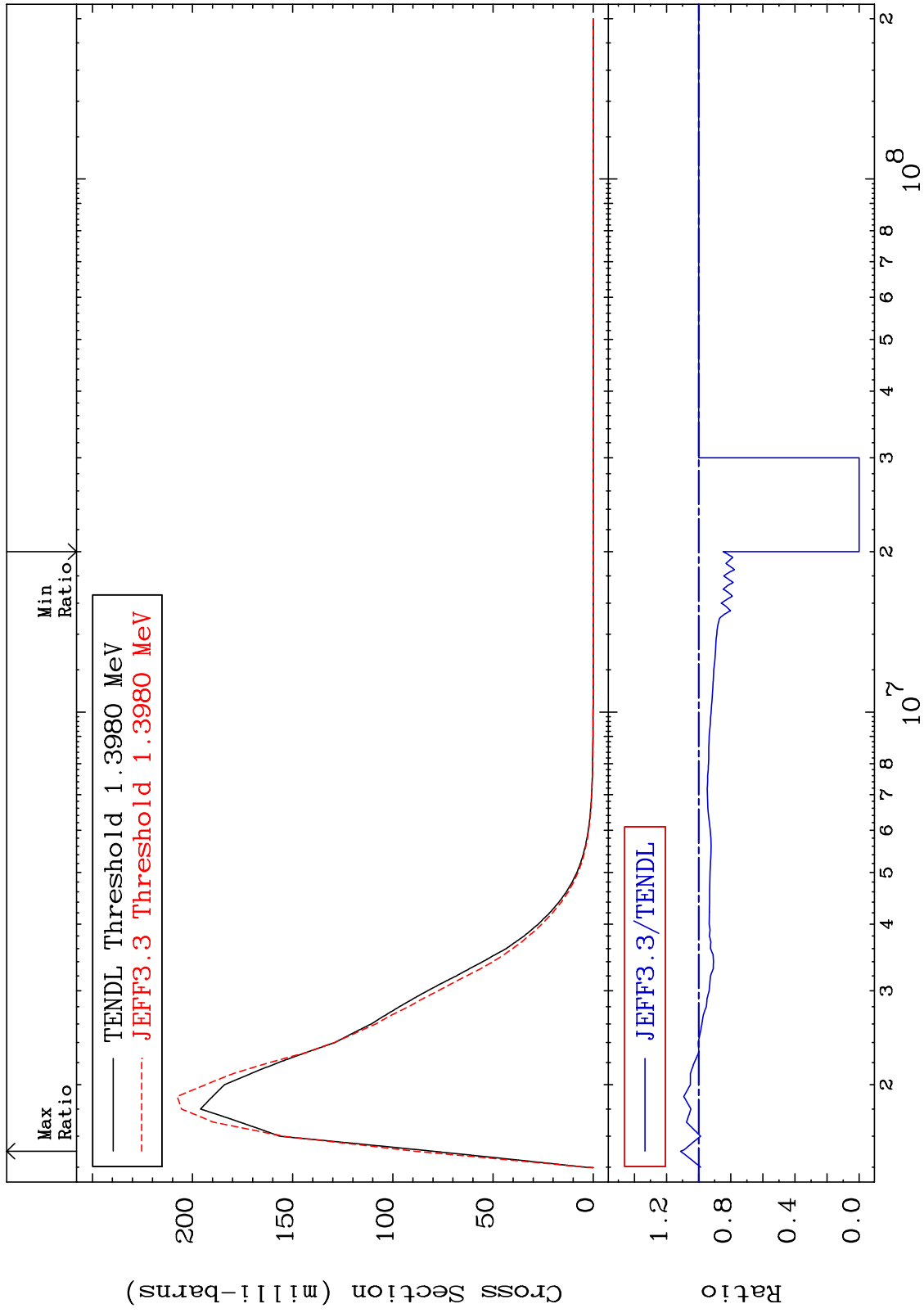
Incident Energy (eV)

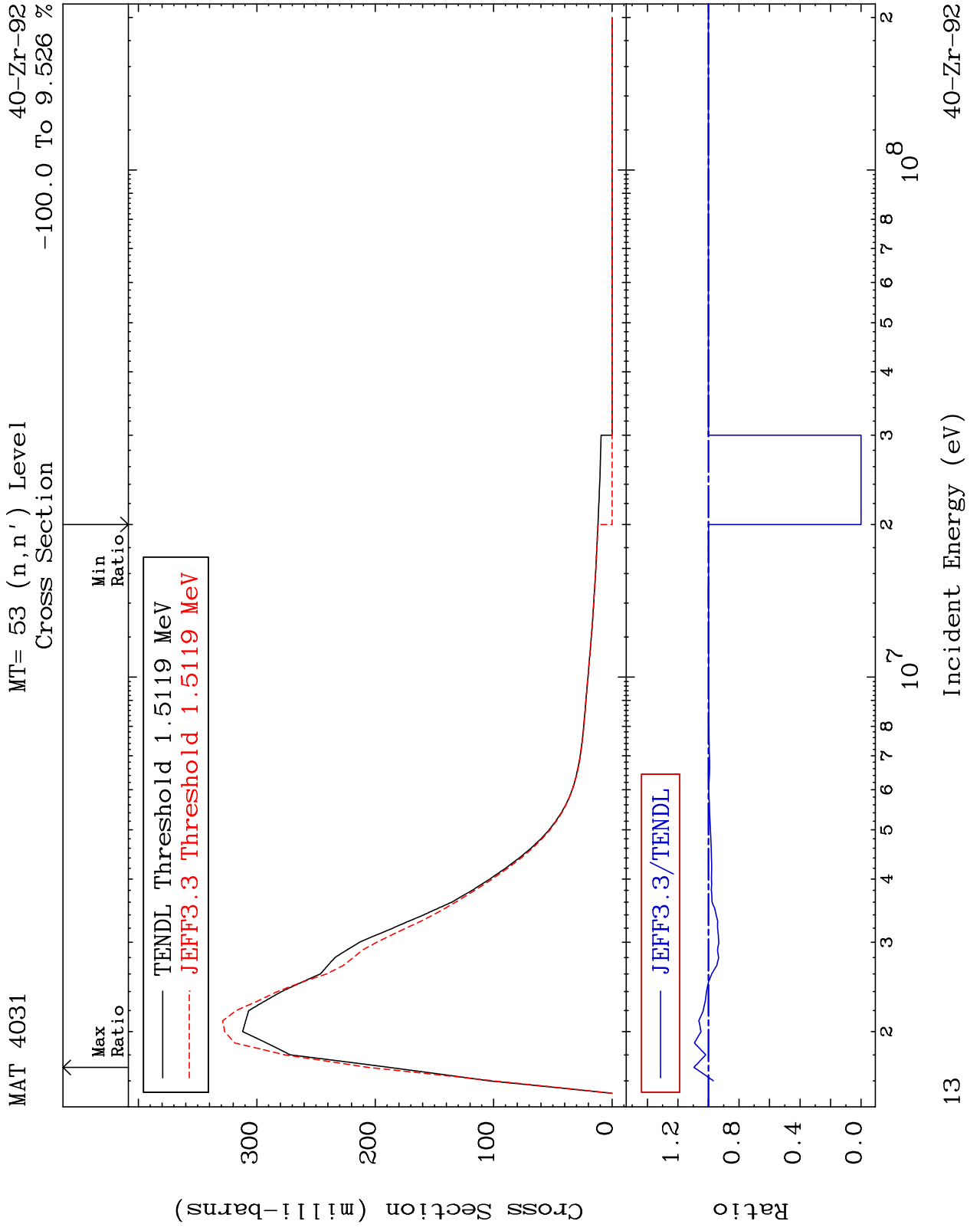
40-Zr-92

MAT 4031

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

40-Zr-92
-100.0 To 11.24 %

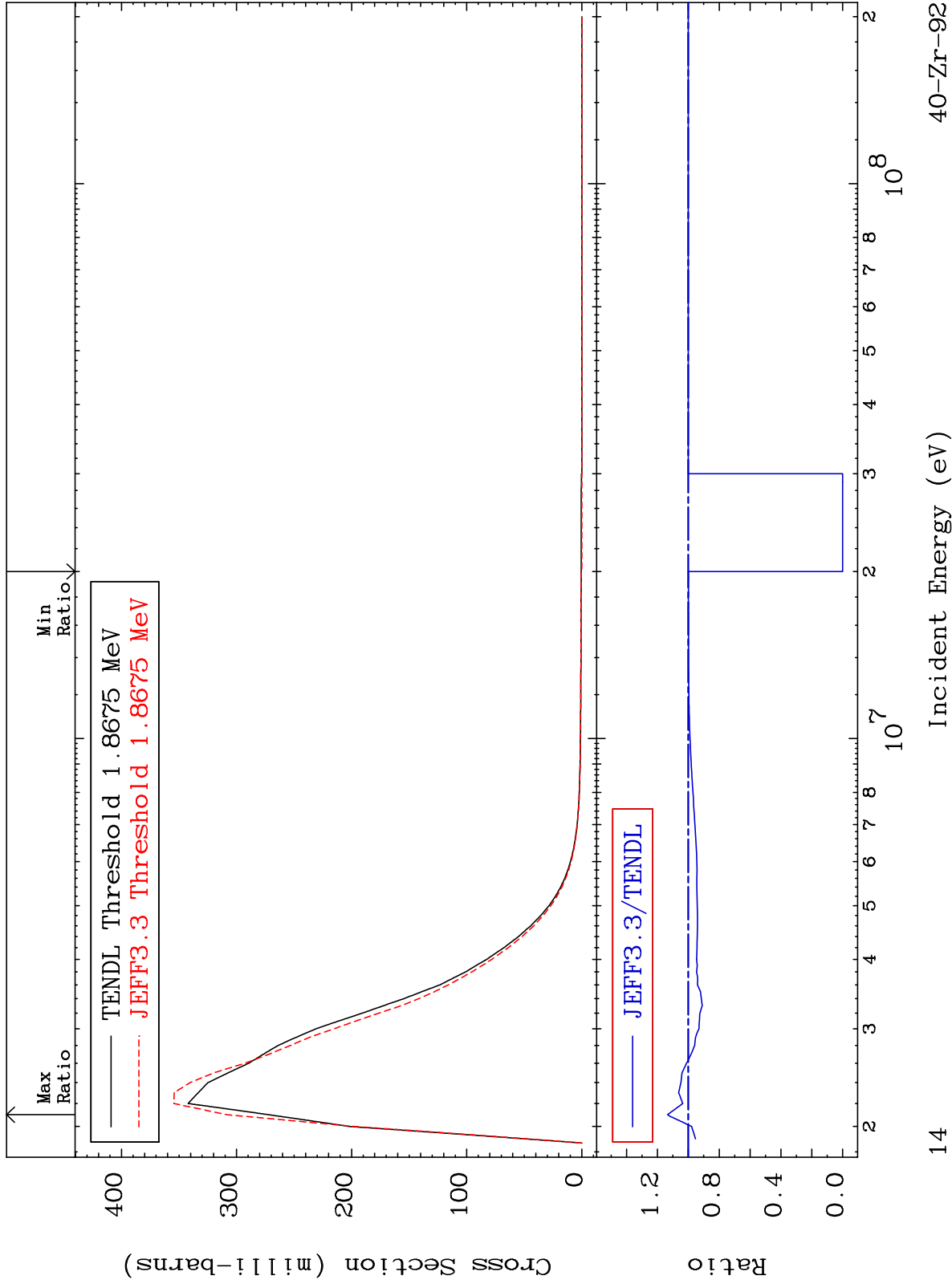




MAT 4031

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

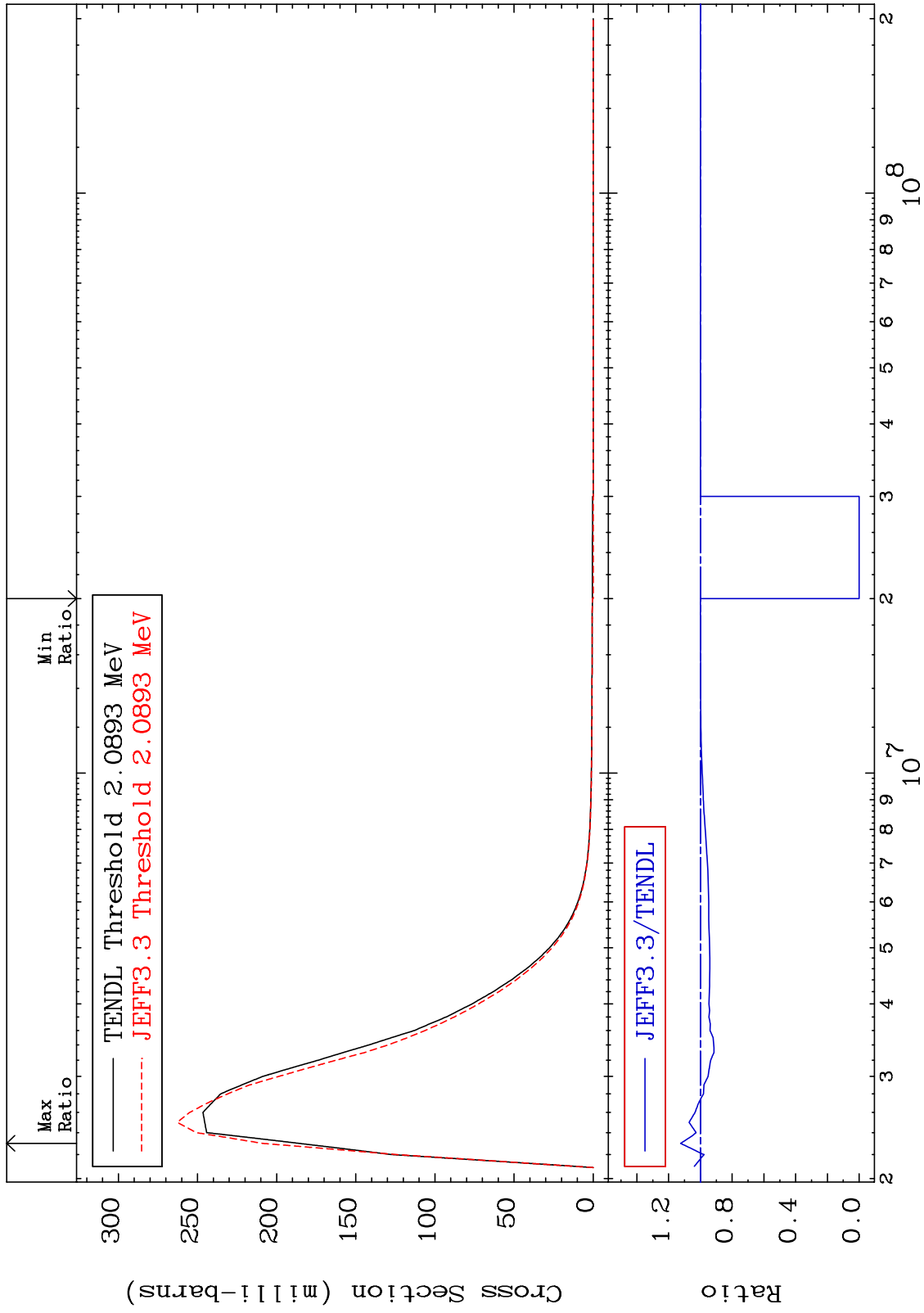
40-Zr-92
-100.0 To 13.46 %



MAT 4031

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

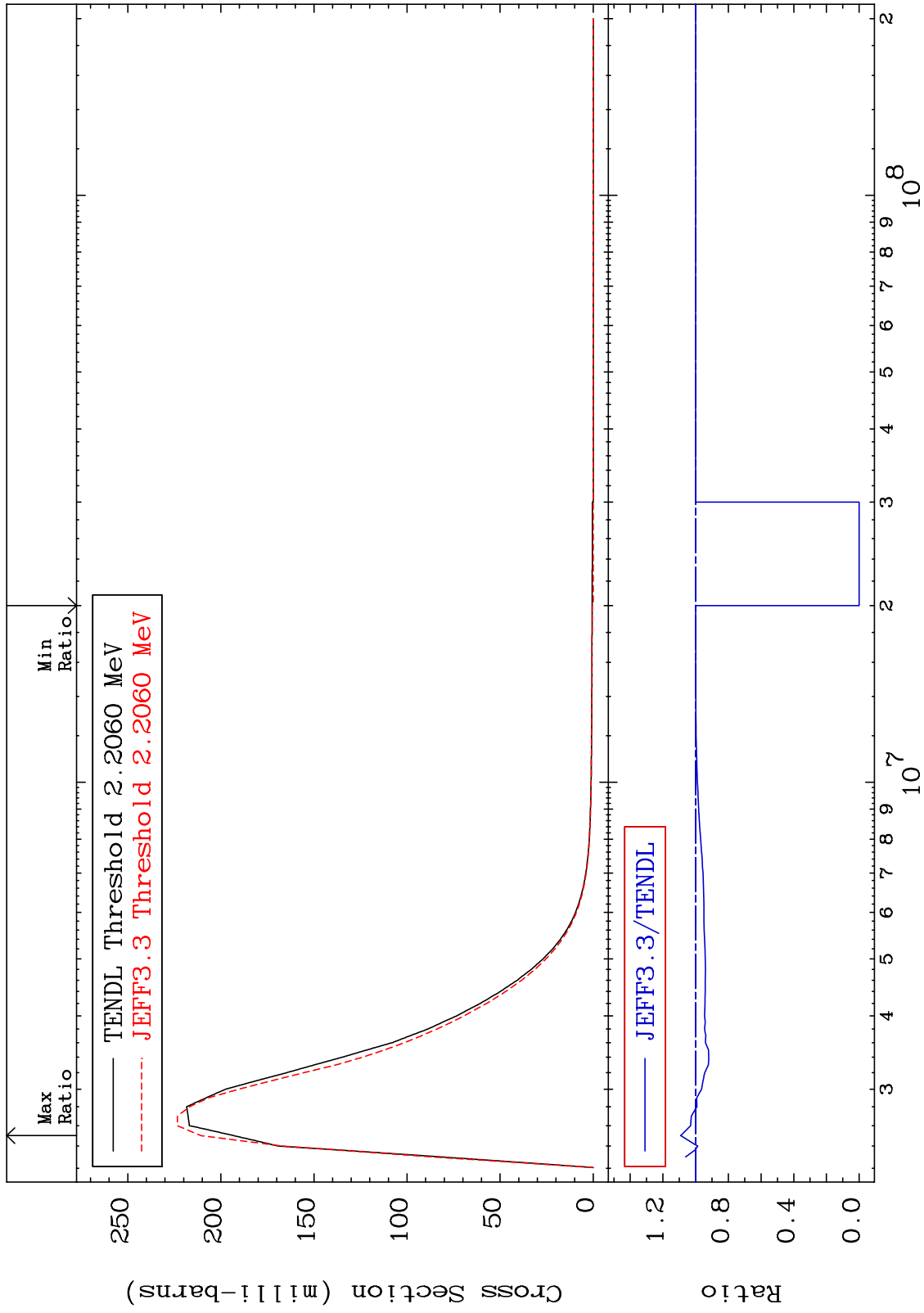
40-Zr-92
-100.0 To 12.46 %



MAT 4031

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

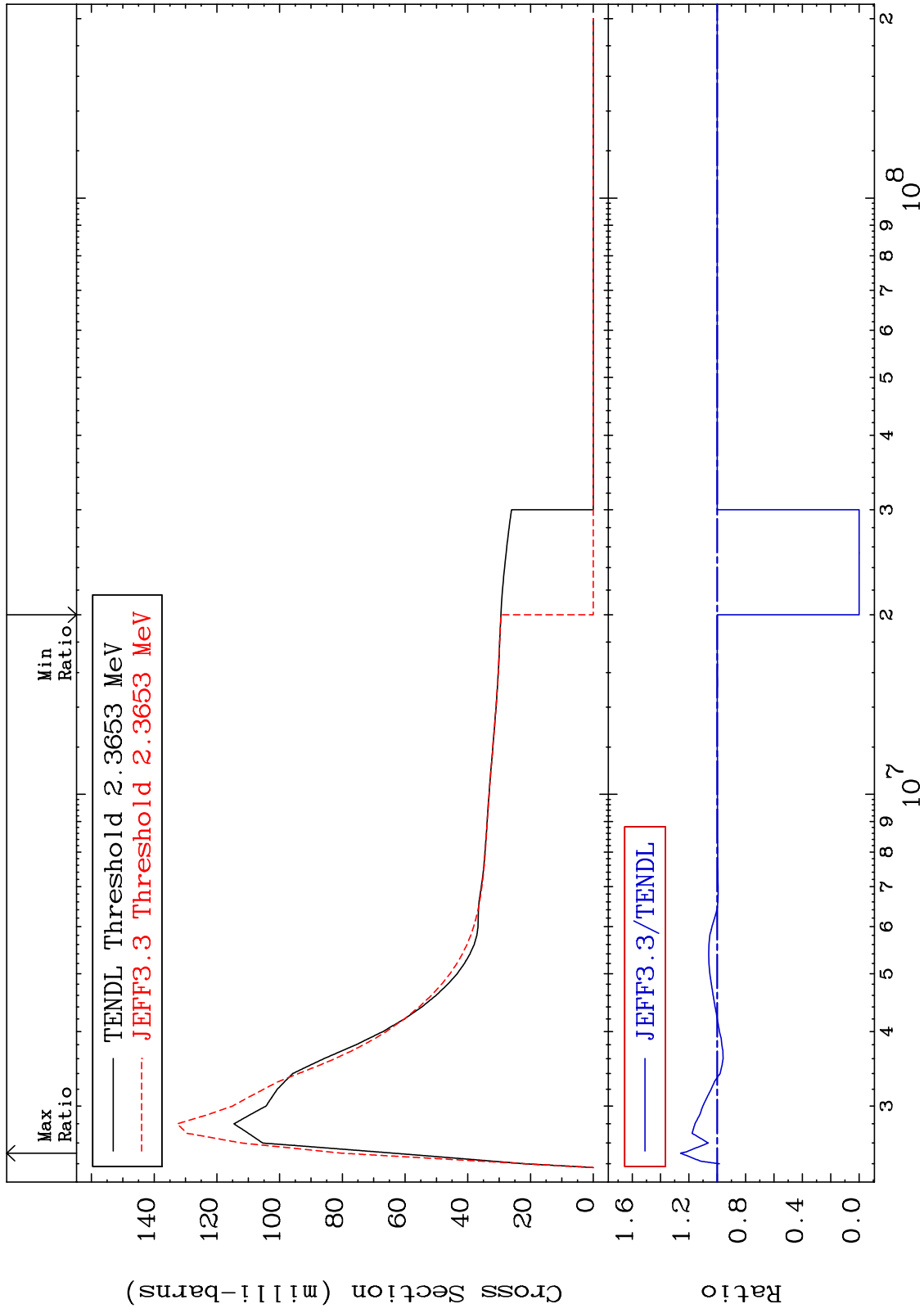
40-Zr-92
-100.0 To 9.184 %



MAT 4031

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

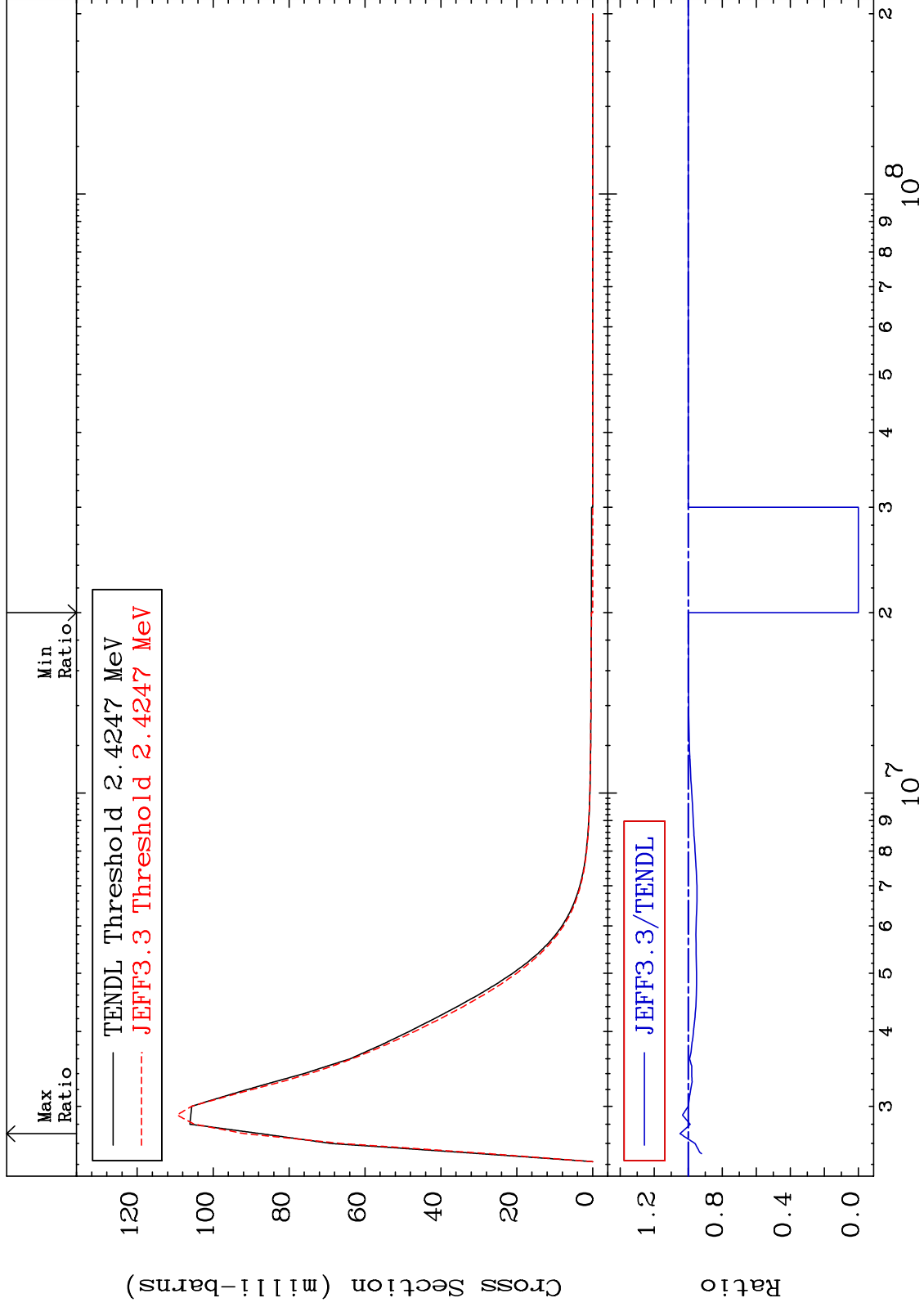
40-Zr-92
-100.0 To 25.87 %



MAT 4031

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

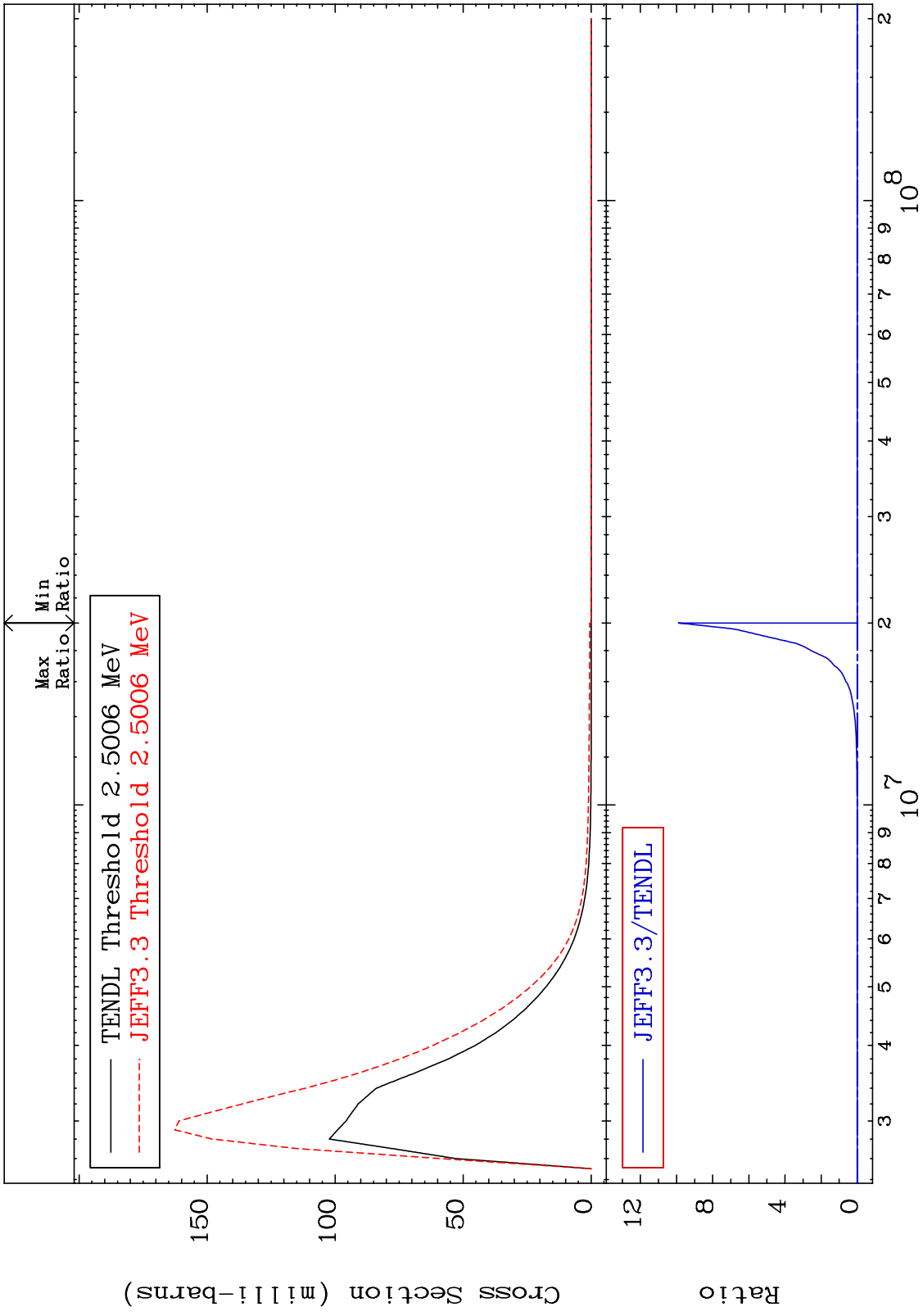
40-Zr-92
-100.0 To 4.876 %

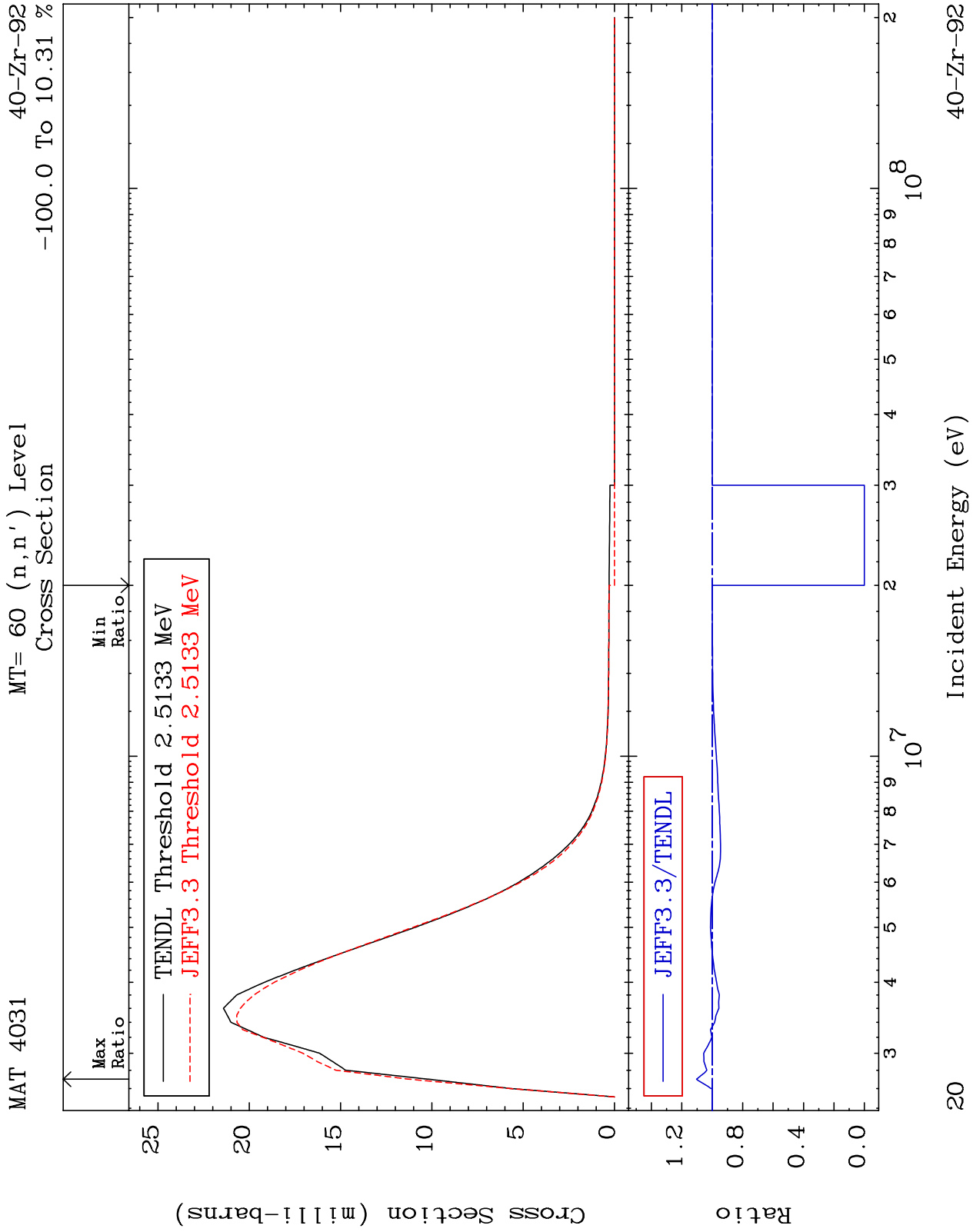


MAT 4031

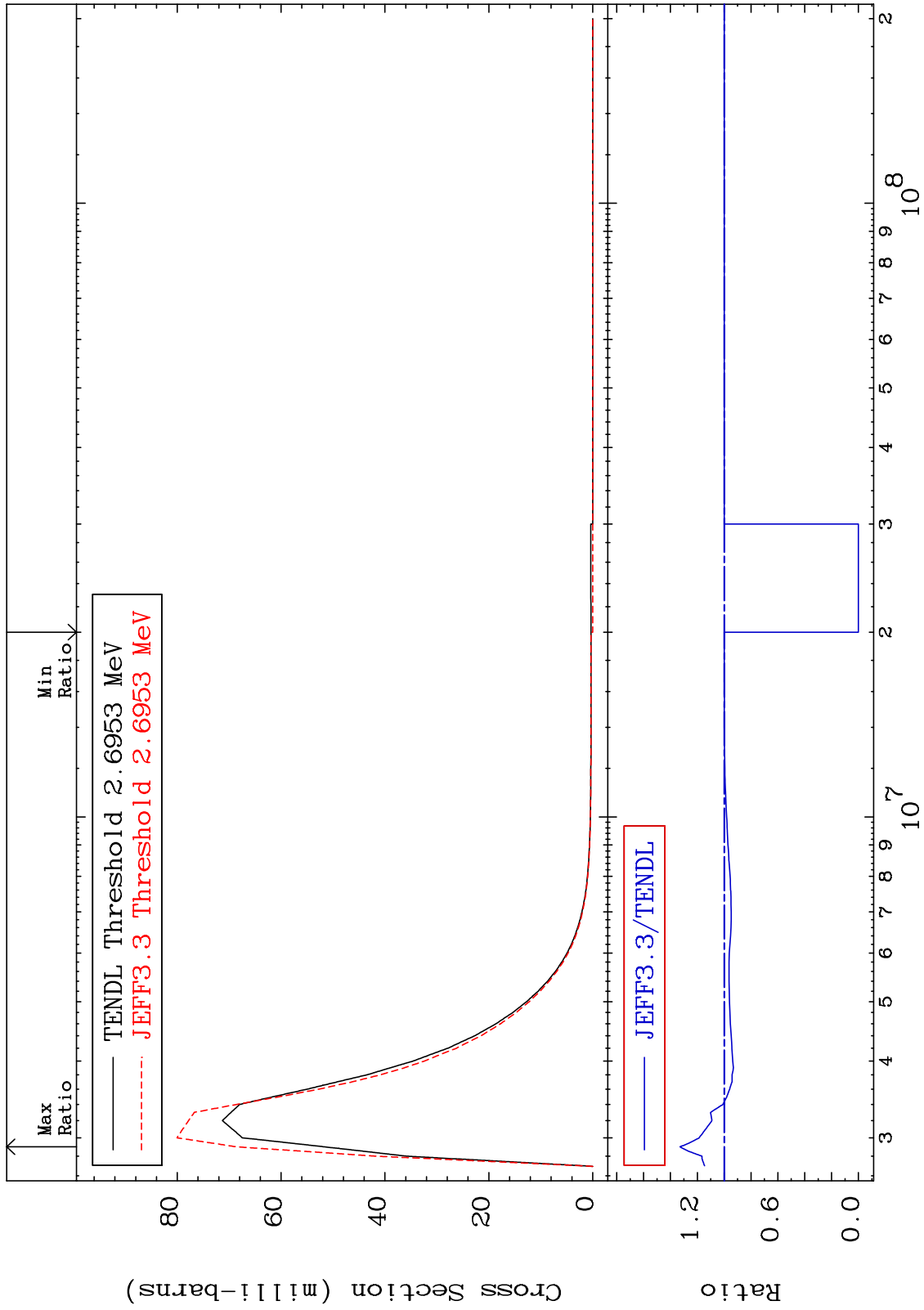
MT= 59 (n, n') Level
Cross Section

40-Zr-92
-100.0 To 9999. %





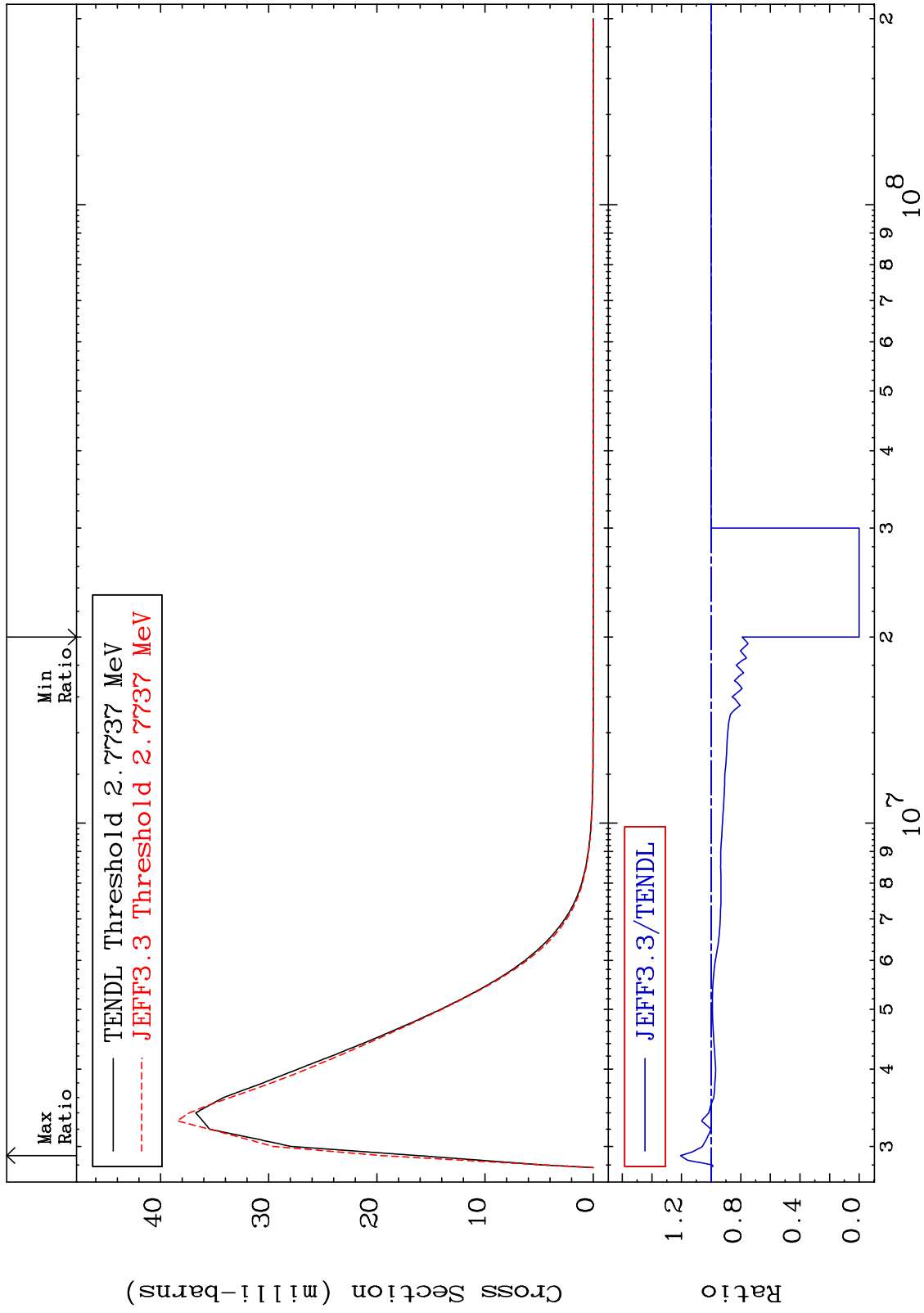
MAT 4031 MT= 61 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 32.87 %



MAT 4031

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

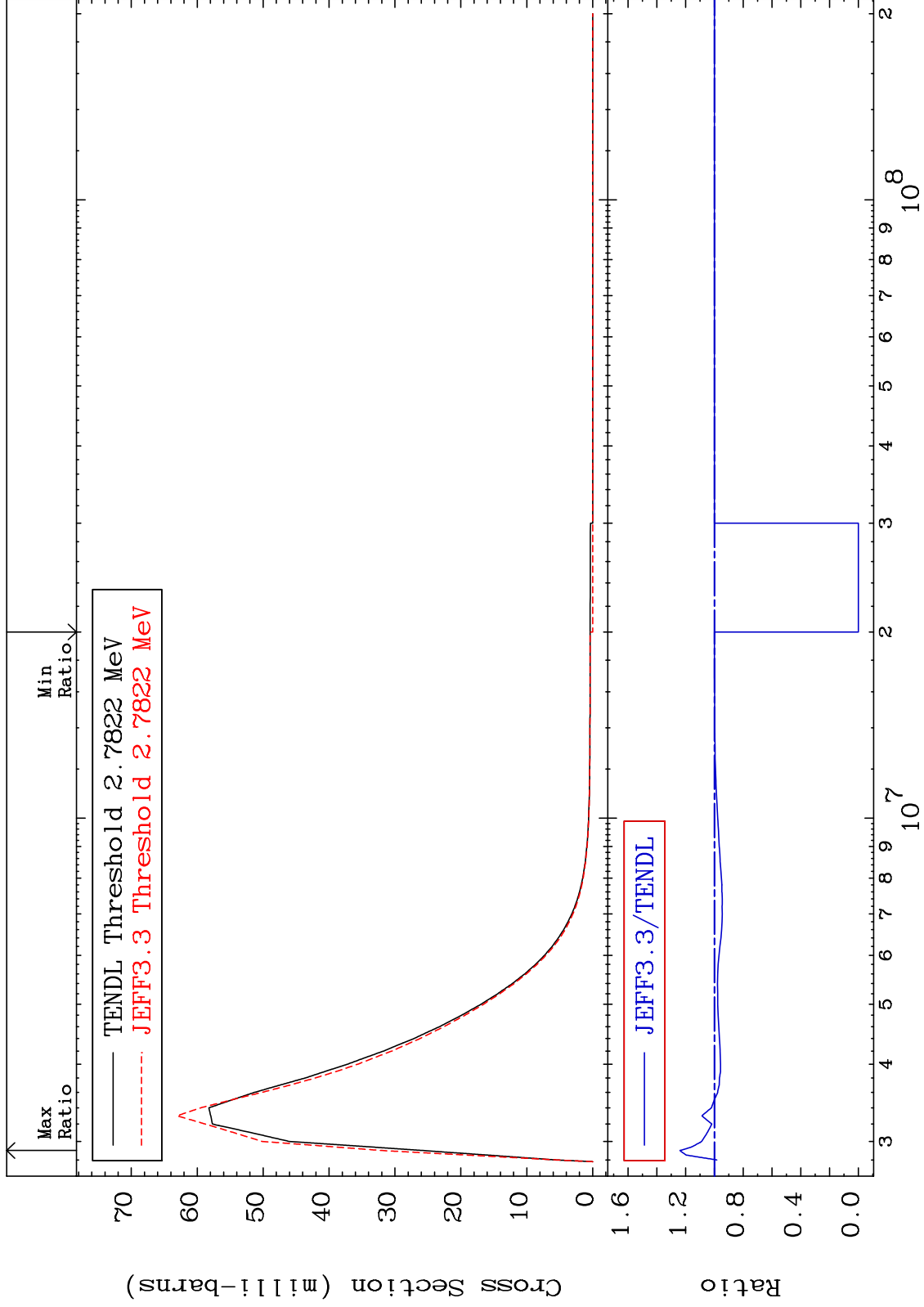
40-Zr-92
-100.0 To 20.61 %

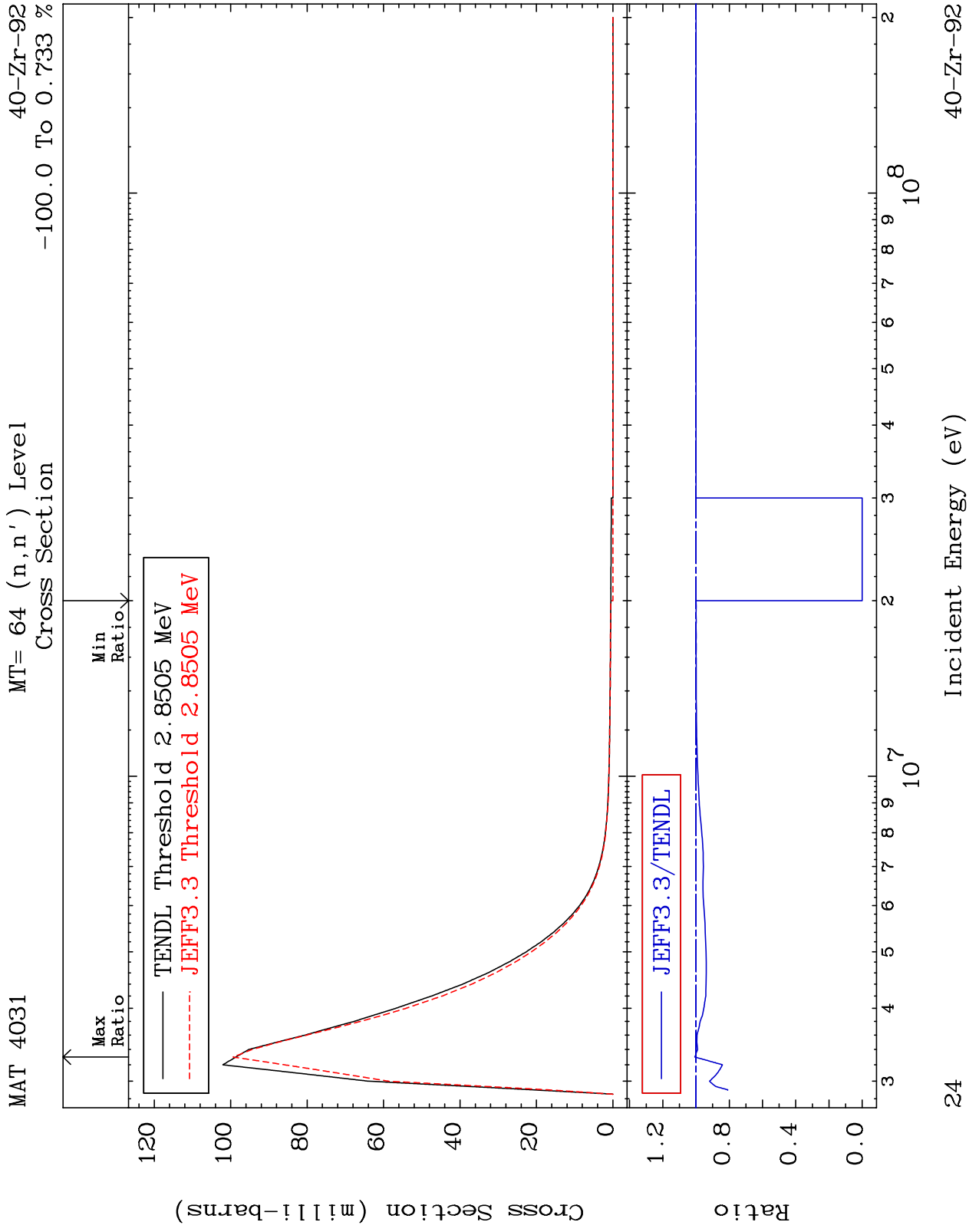


MAT 4031

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

40-Zr-92
-100.0 To 23.92 %

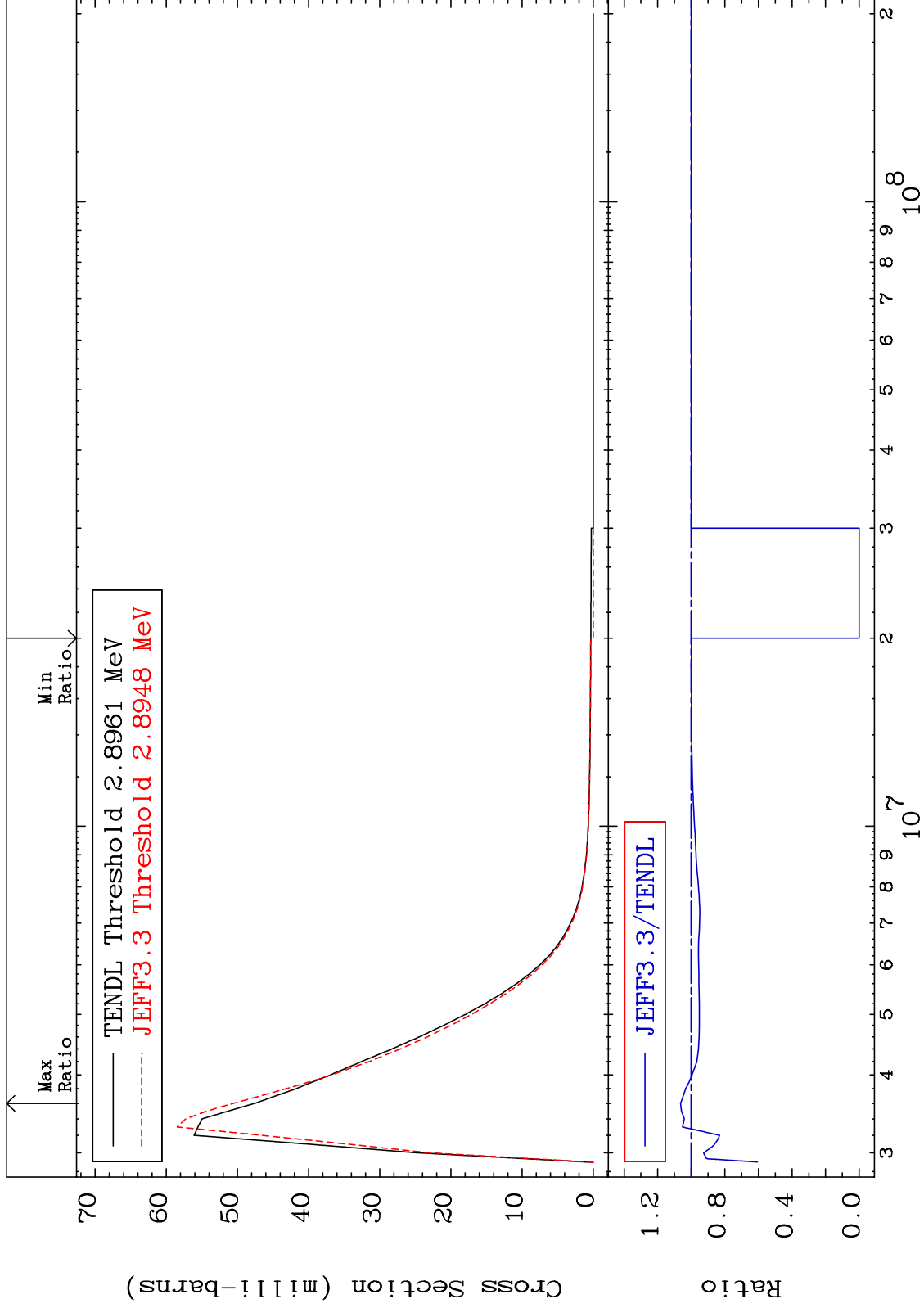




MAT 4031

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

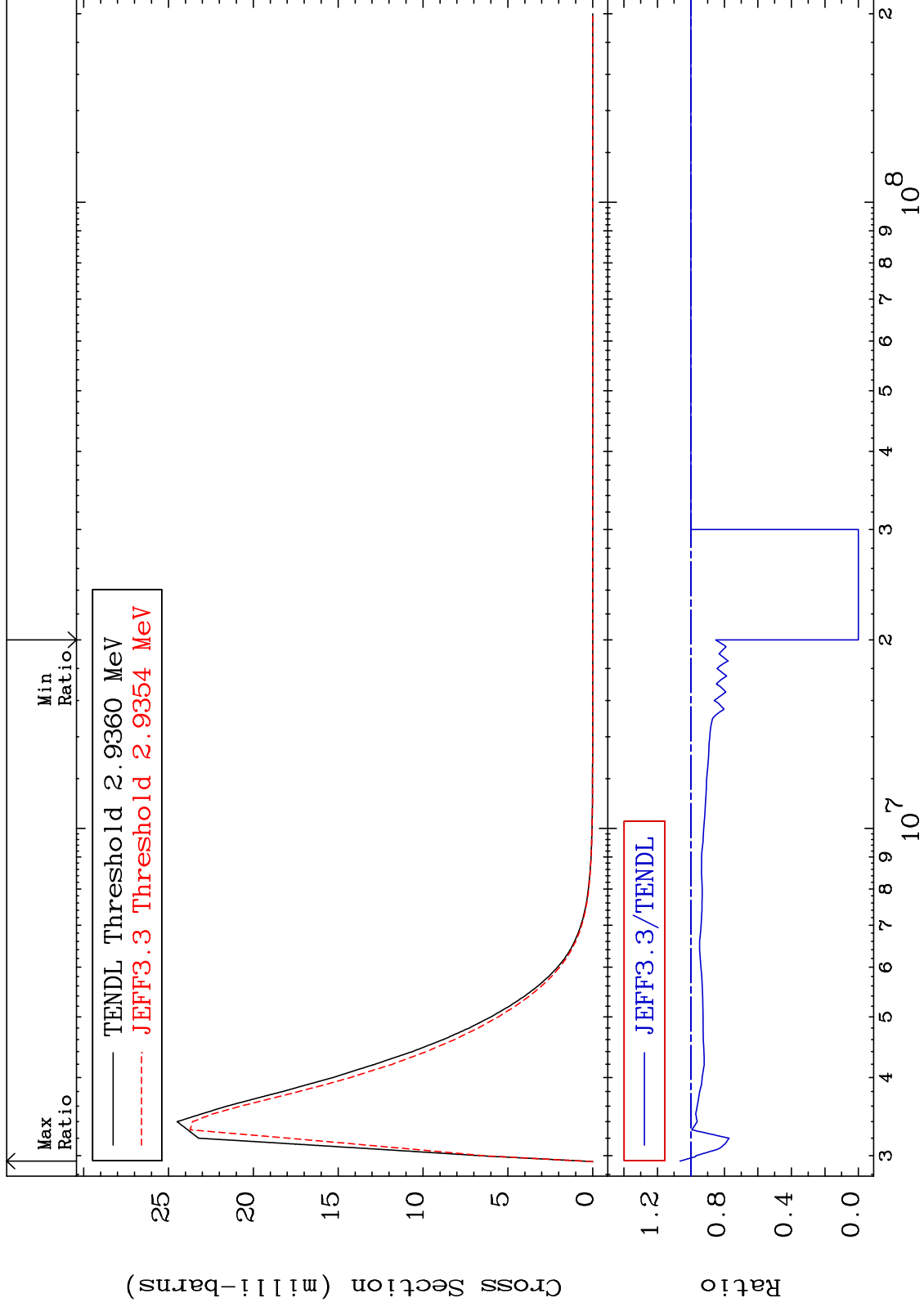
40-Zr-92
-100.0 To 6.358 %



MAT 4031

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

40-Zr-92
-100.0 To 6.488 %



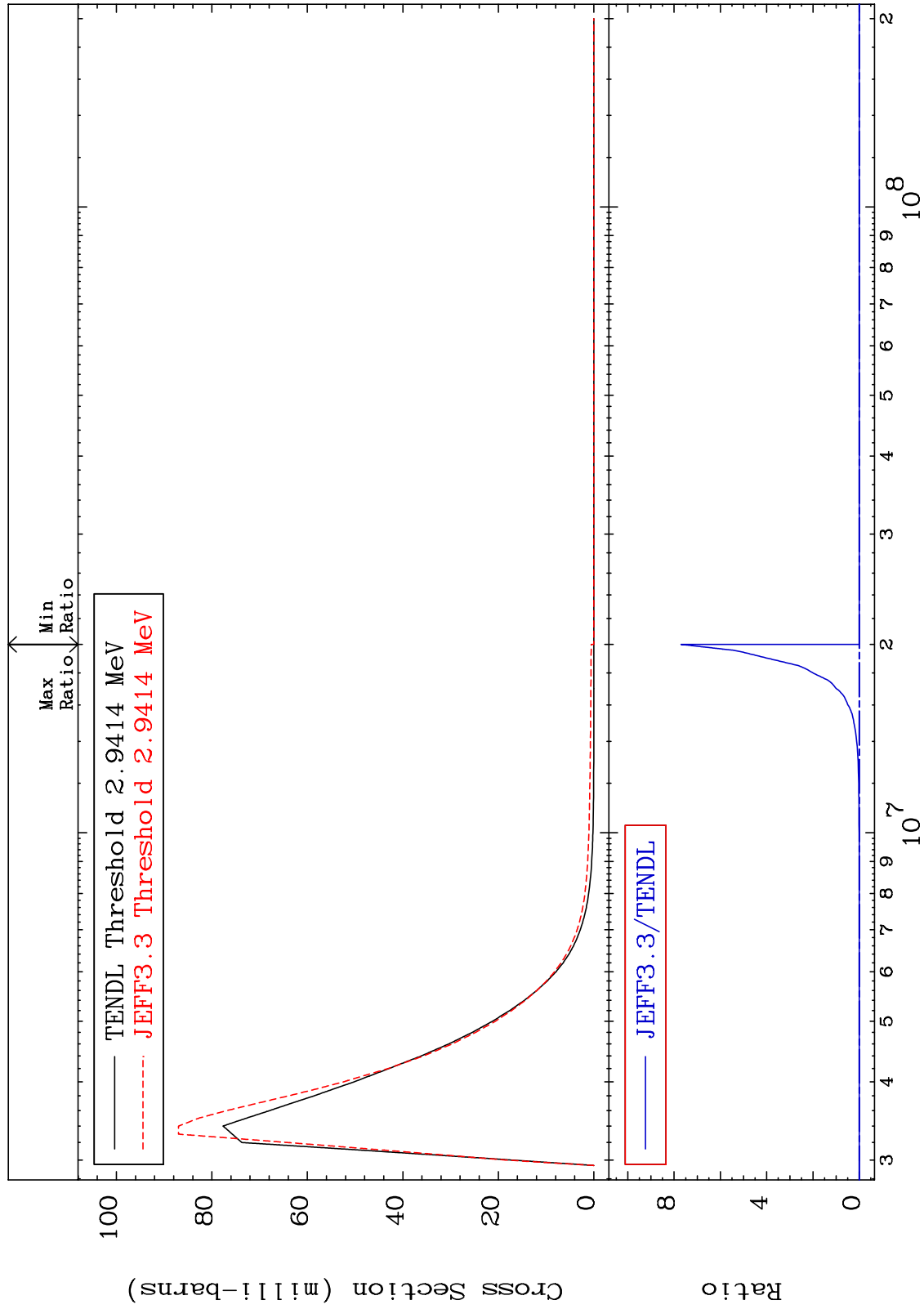
MAT 4031

MT= 67 (n,n') Level

40-Zr-92

-100.0 To 9999. %

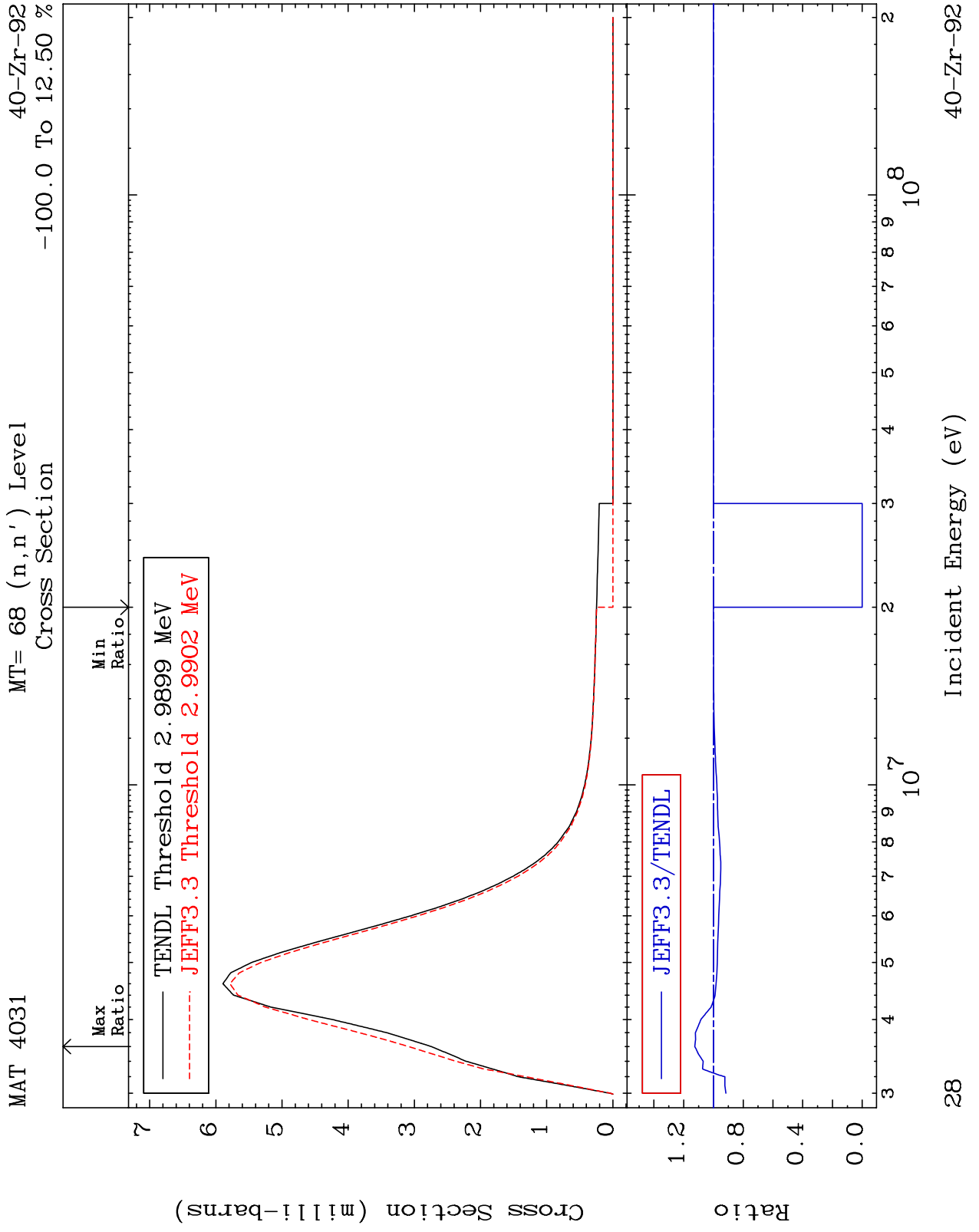
Cross Section

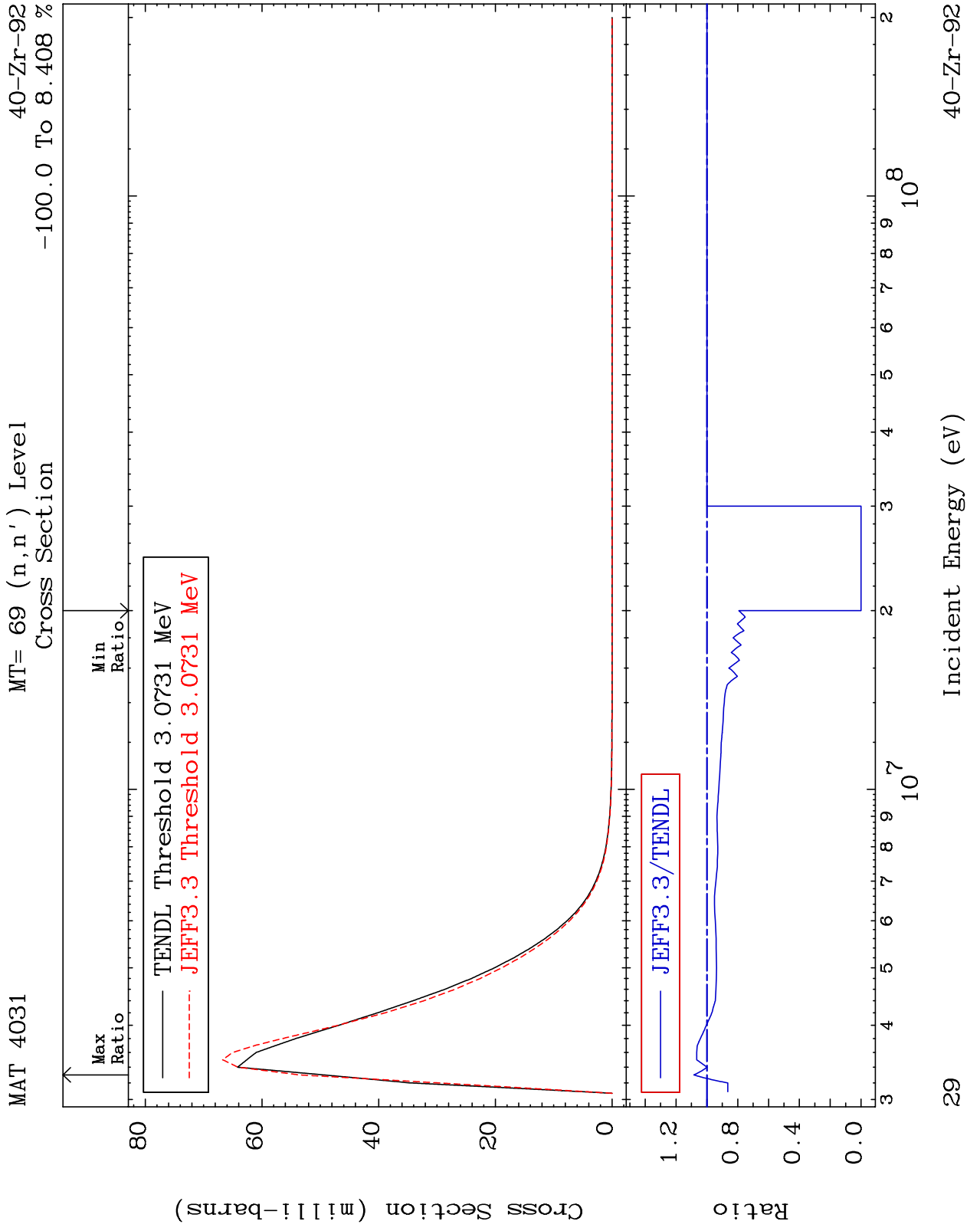


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Incident Energy (eV)

40-Zr-92

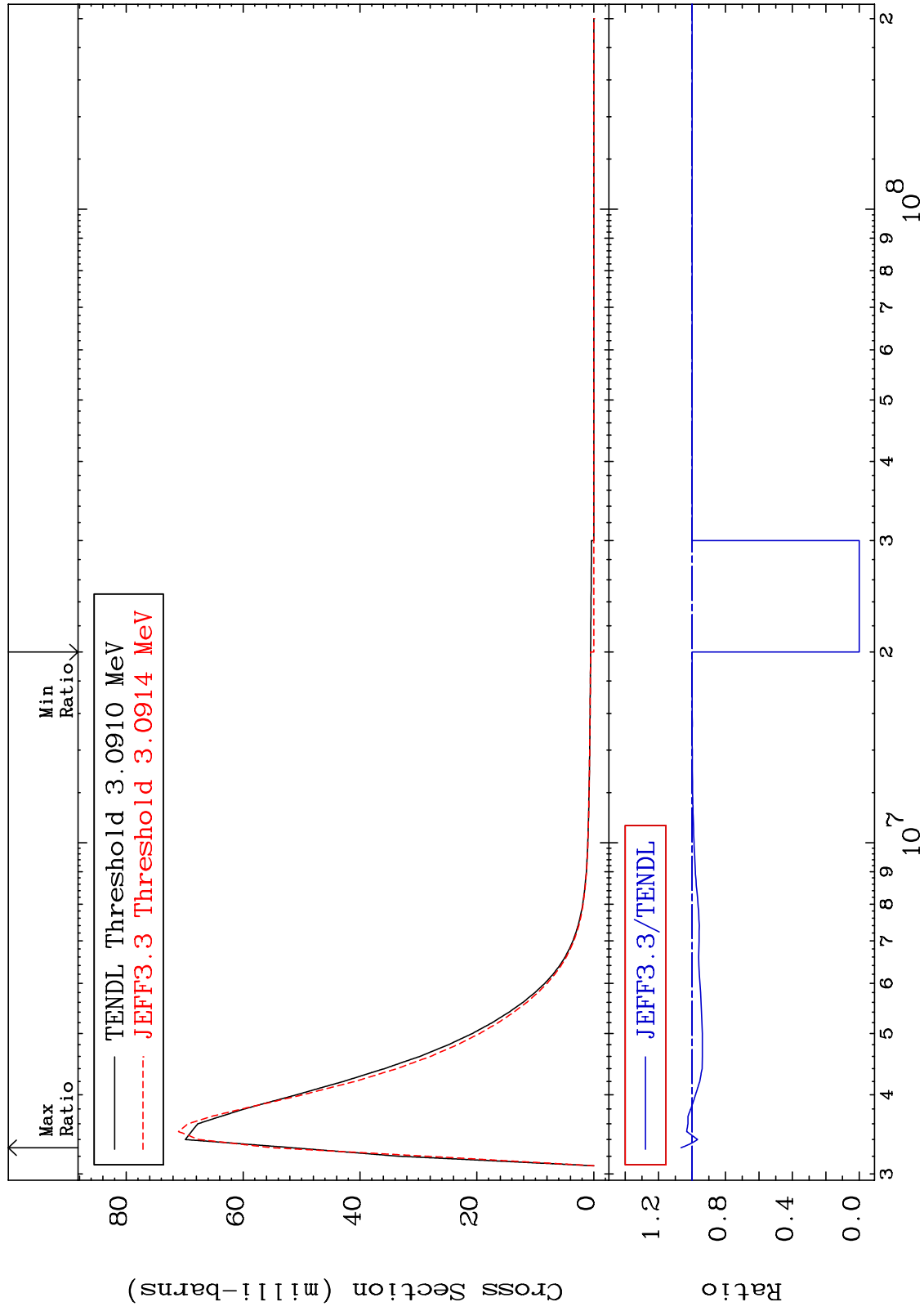




MAT 4031

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

40-Zr-92
-100.0 To 6.586 %



30

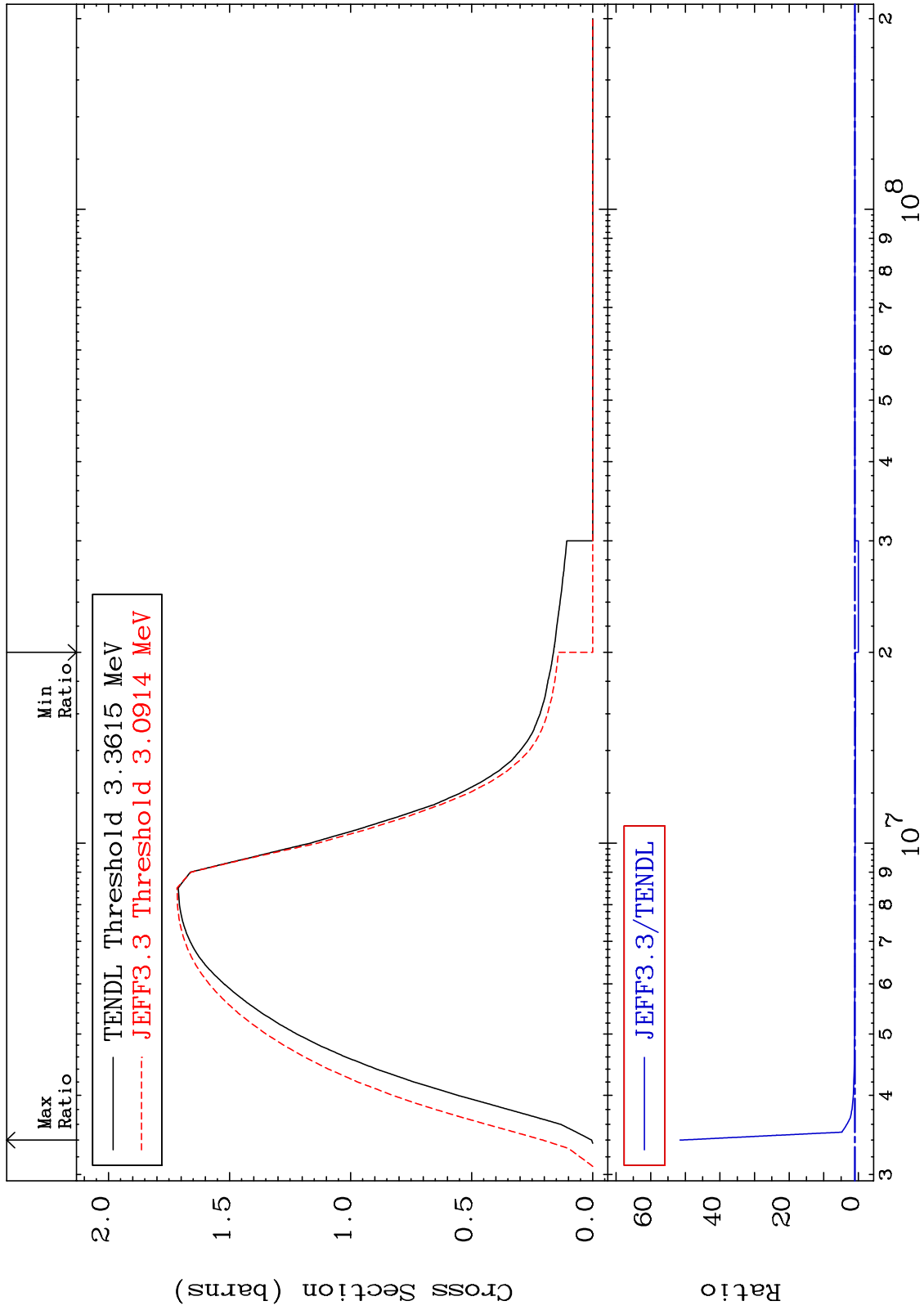
Incident Energy (eV)

40-Zr-92

MAT 4031

(n, n') Continuum
Cross Section

40-Zr-92
-100.0 To 5053. %



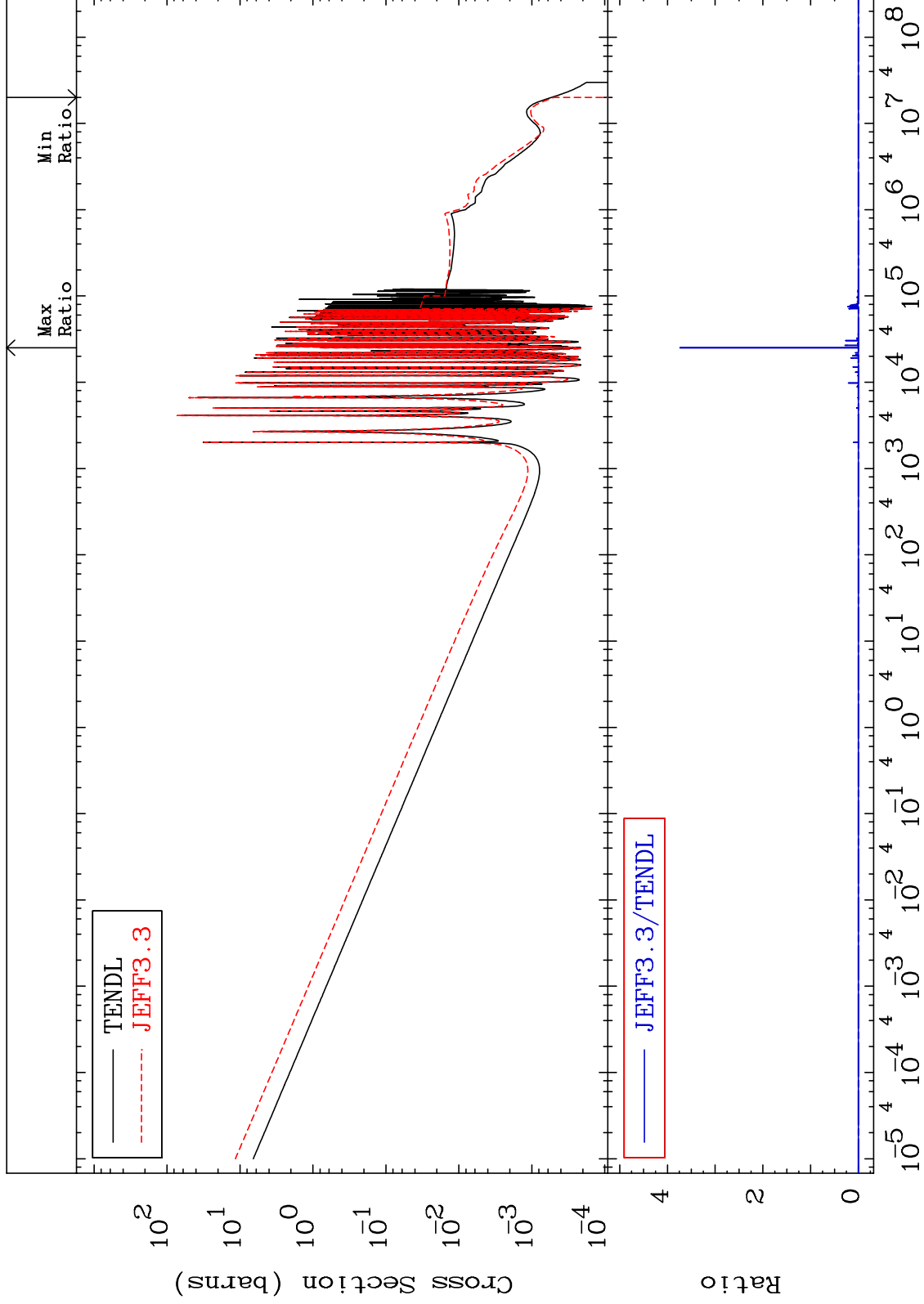
MAT 4031

(n, γ)

40-Zr-92

Cross Section

-100.0 To 9999. %



32

Incident Energy (eV)

40-Zr-92

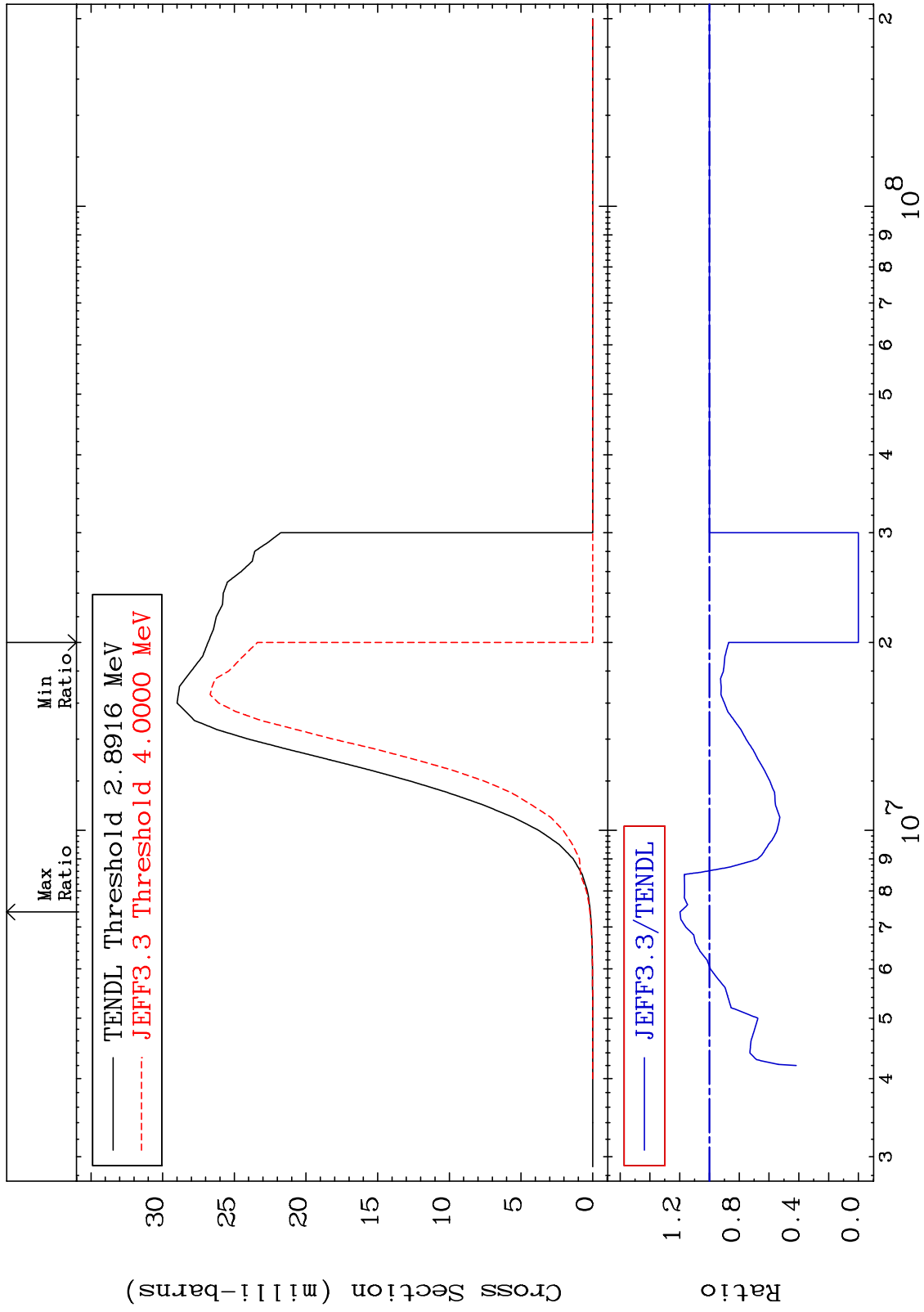
MAT 4031

(n,p)

40-Zr-92

Cross Section

-100.0 To 19.77 %



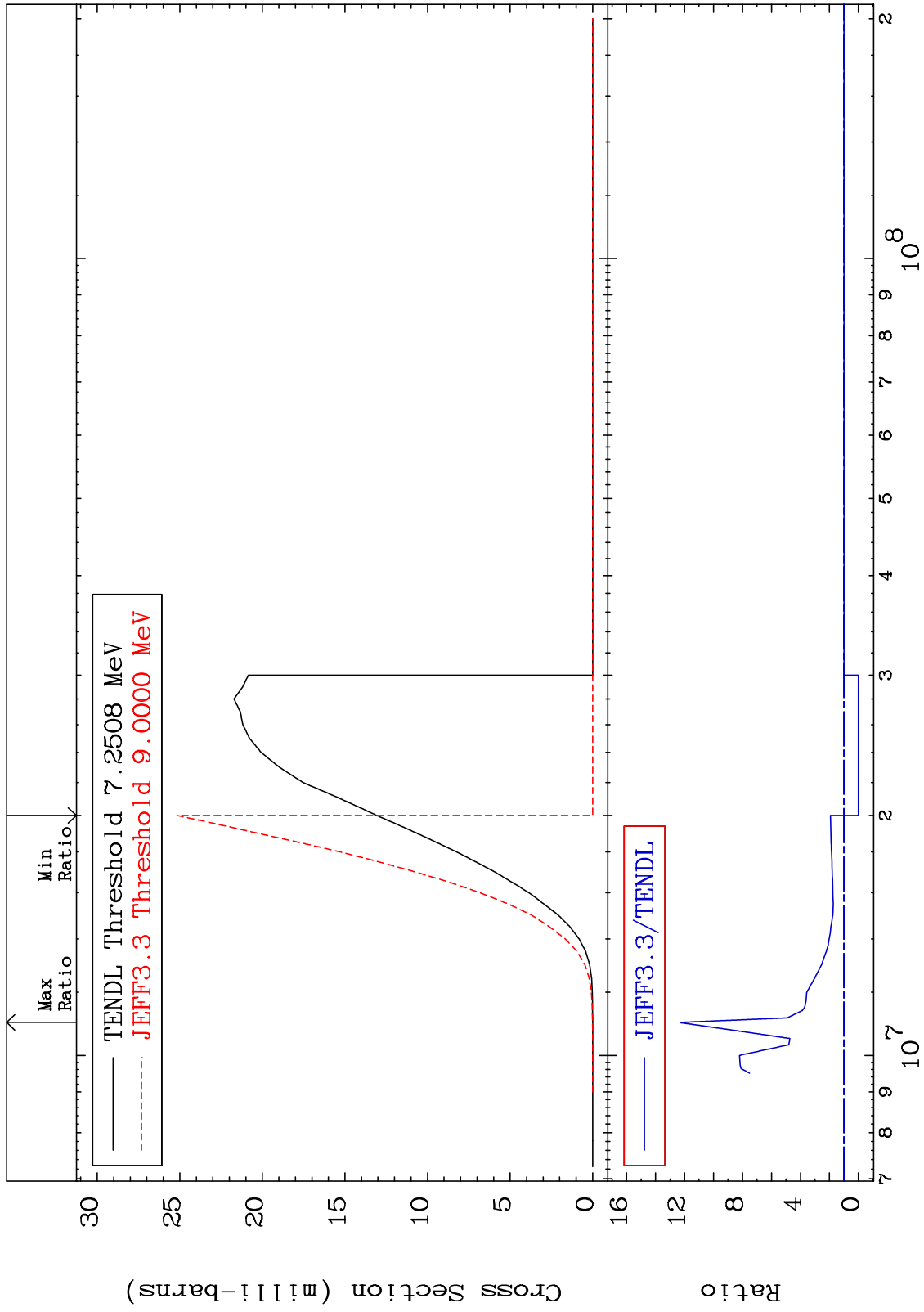
MAT 4031

(n, d)

40-Zr-92

Cross Section

-100.0 To 1131. %



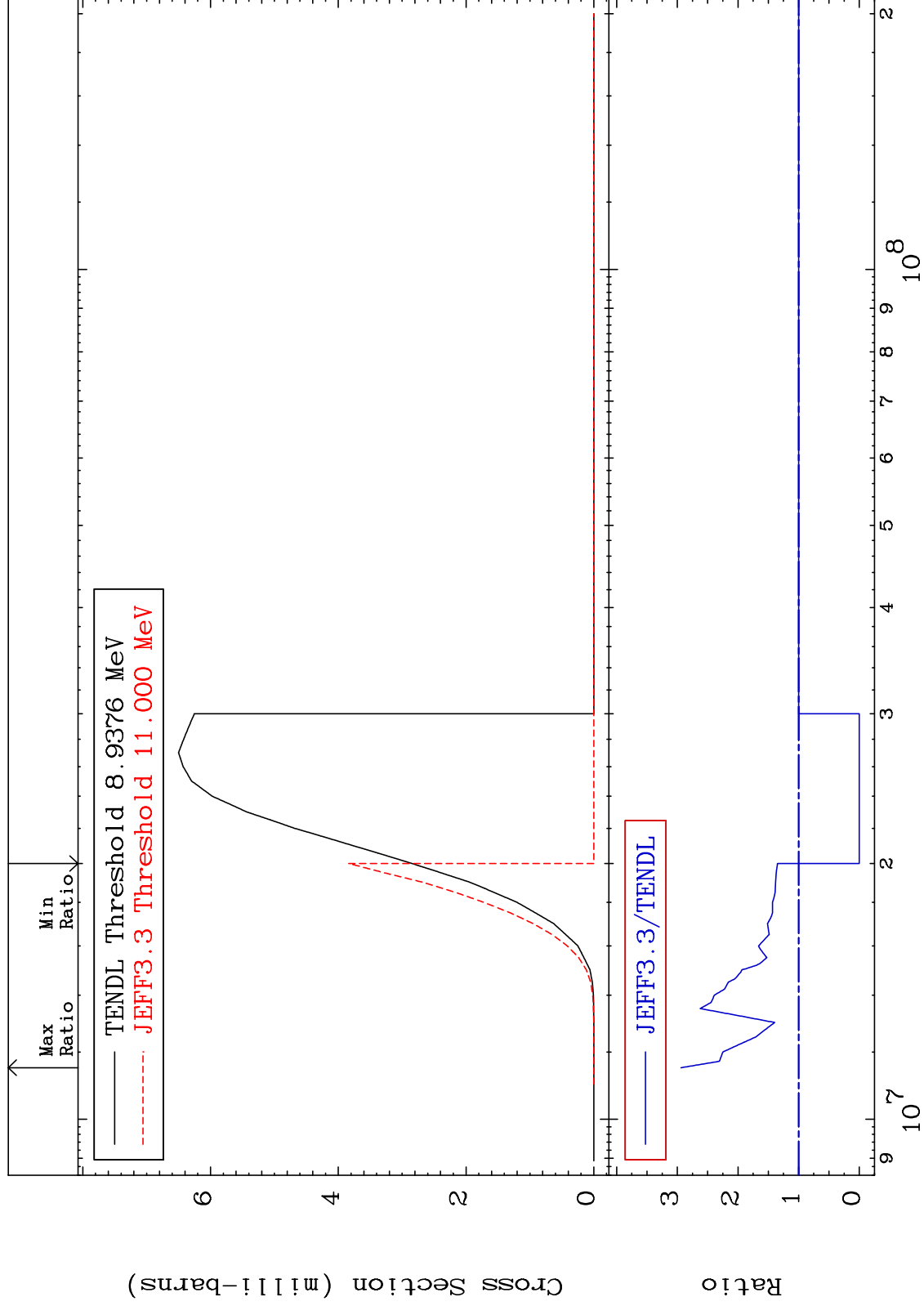
MAT 4031

(n, t)

40-Zr-92

Cross Section

-100.0 To 193.9 %



35

Incident Energy (eV)

40-Zr-92

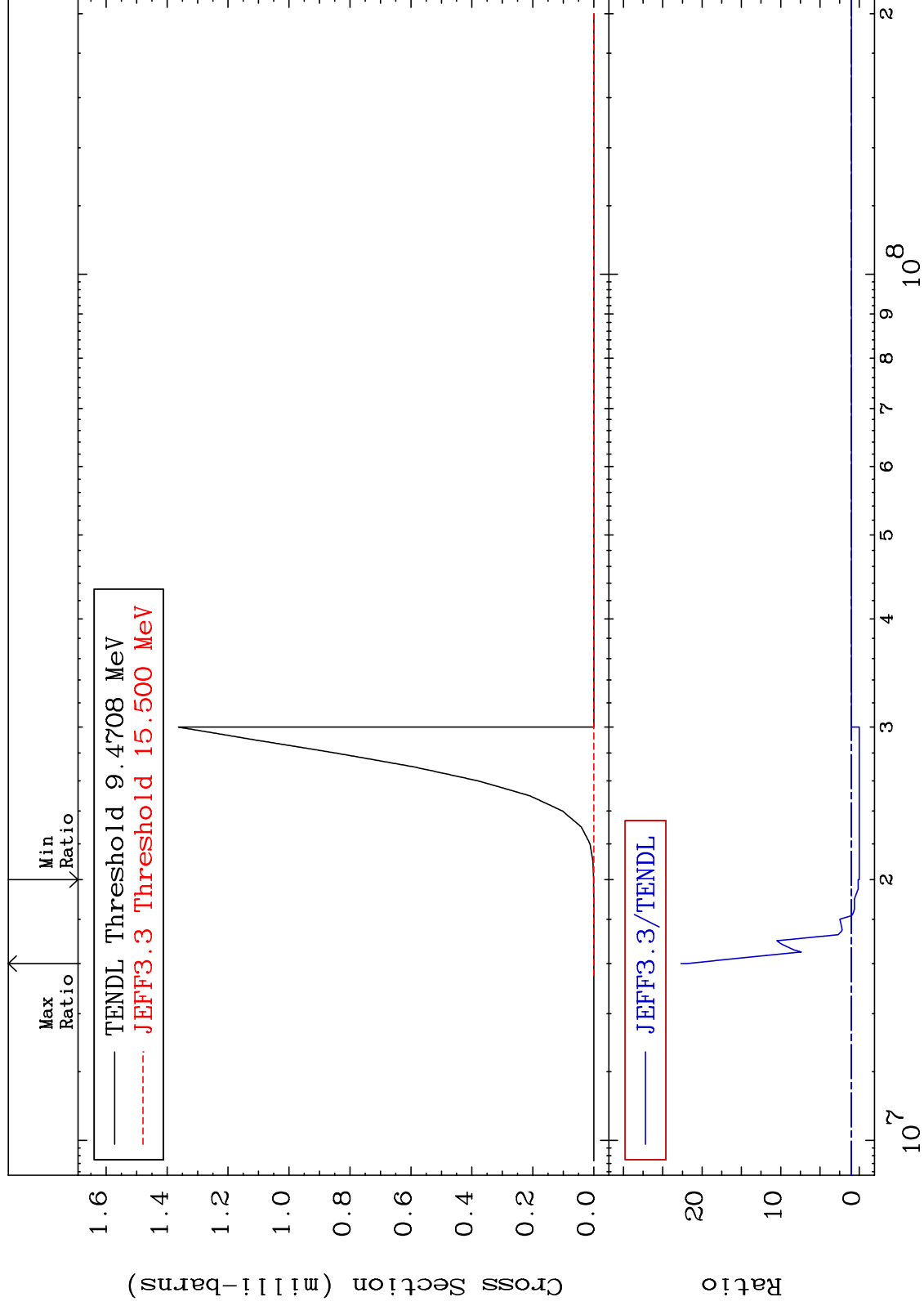
MAT 4031

(n, He-3)

40-Zr-92

Cross Section

-100.0 To 2168. %



36

40-Zr-92

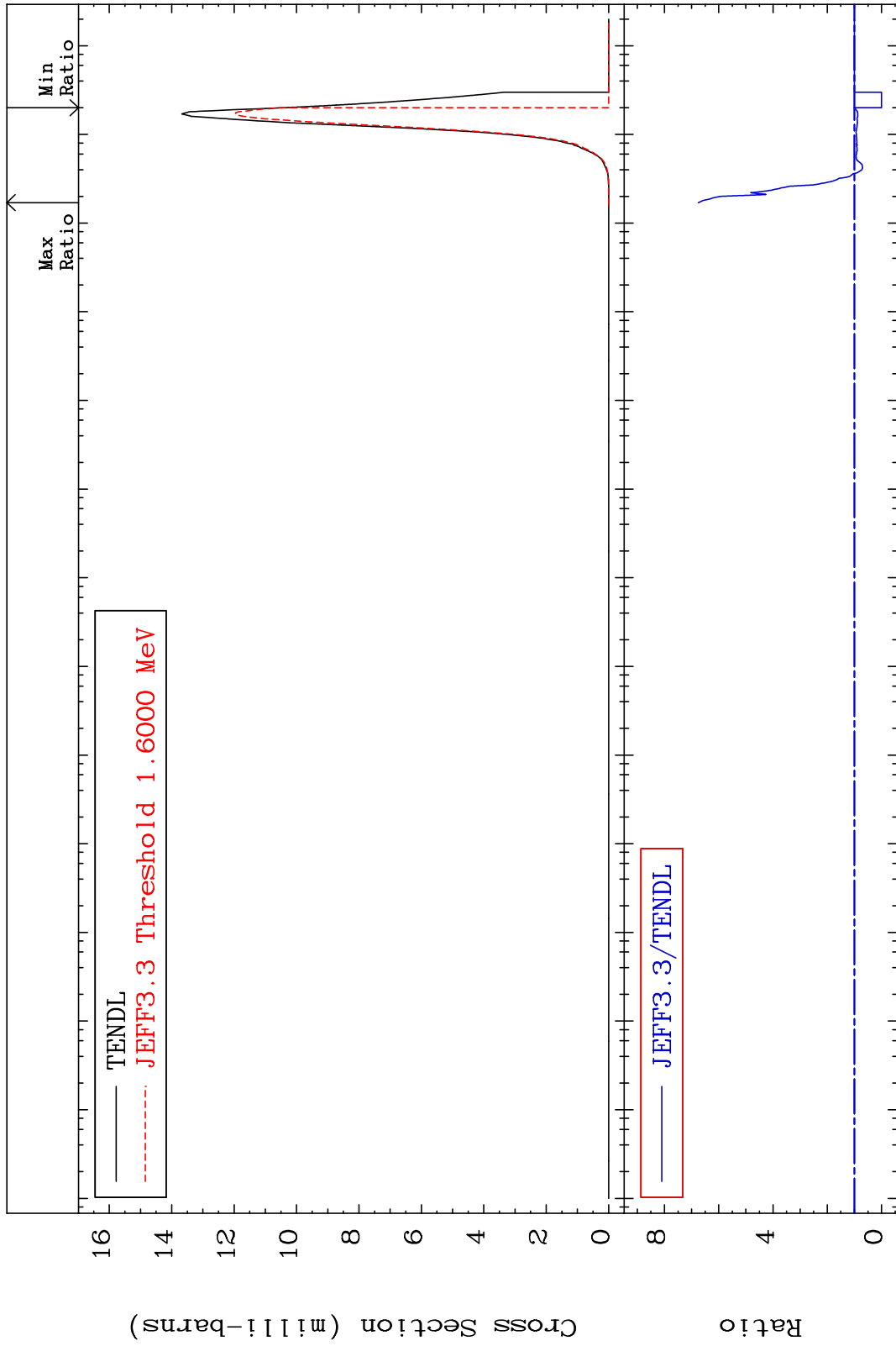
MAT 4031

(n, α)

40-Zr-92

Cross Section

-100.0 To 575.1 %



37

Incident Energy (eV)

40-Zr-92

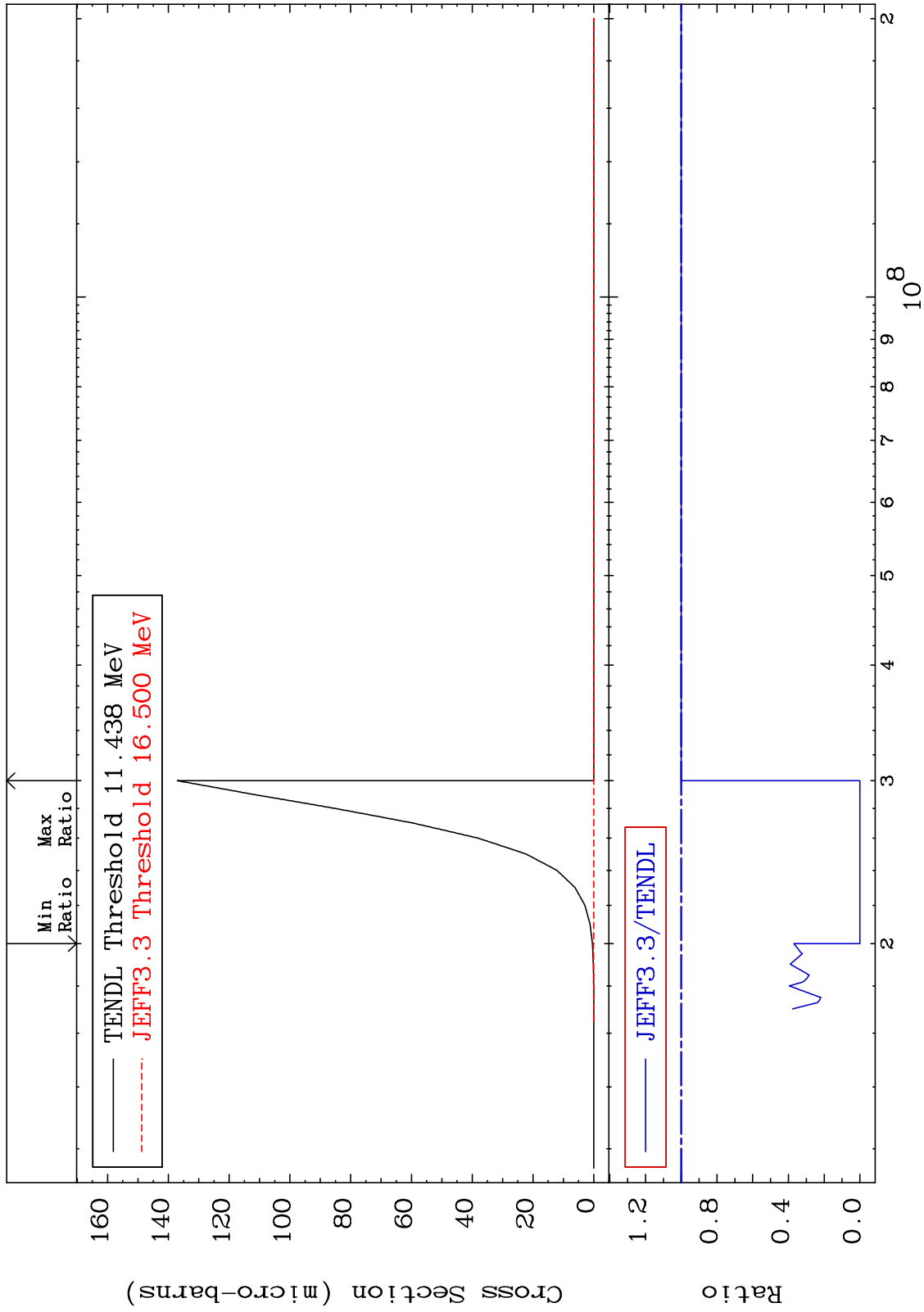
MAT 4031

(n,2p)

40-Zr-92

Cross Section

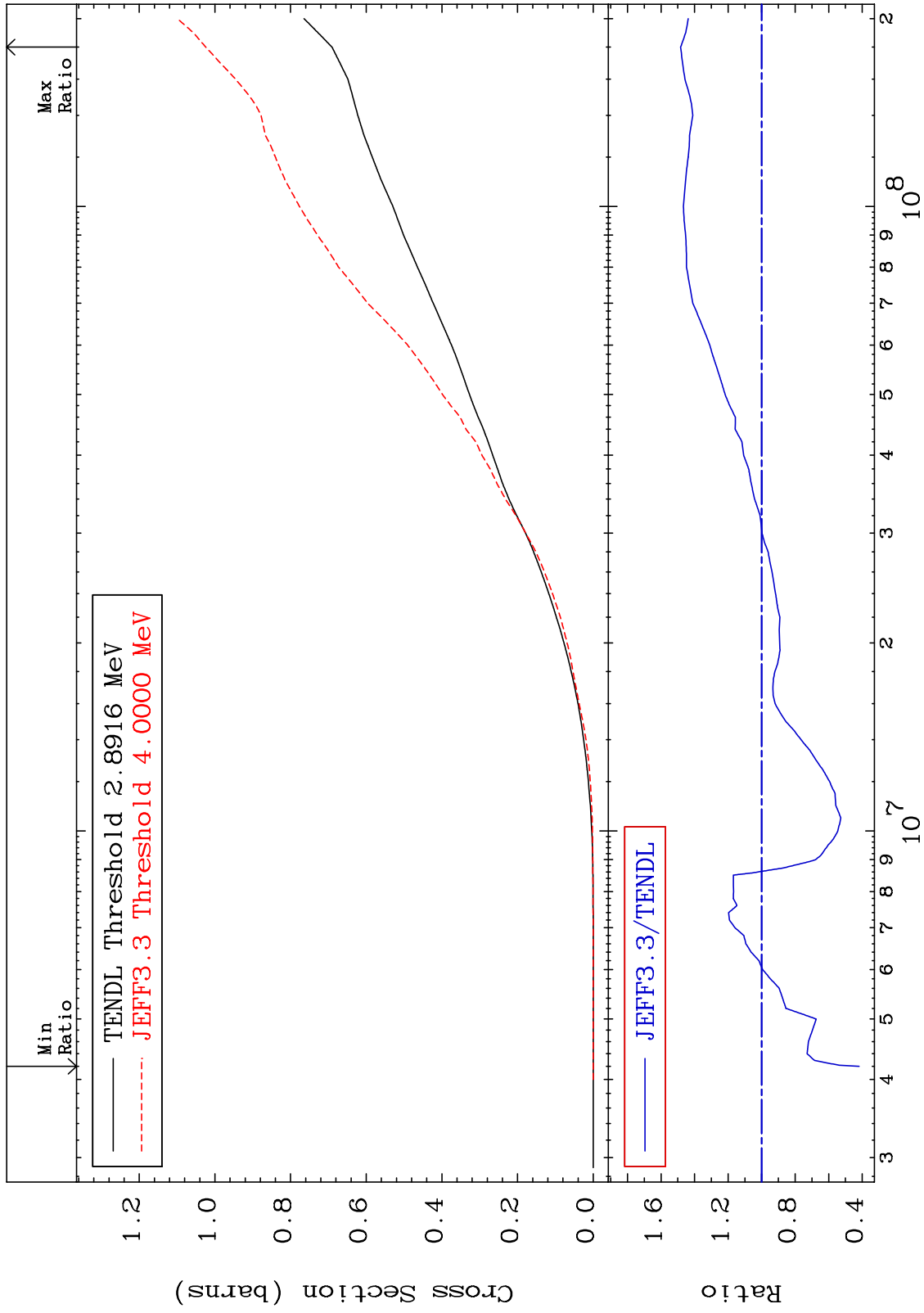
-100.0 To 0.000 %



MAT 4031

Hydrogen Production
Cross Section

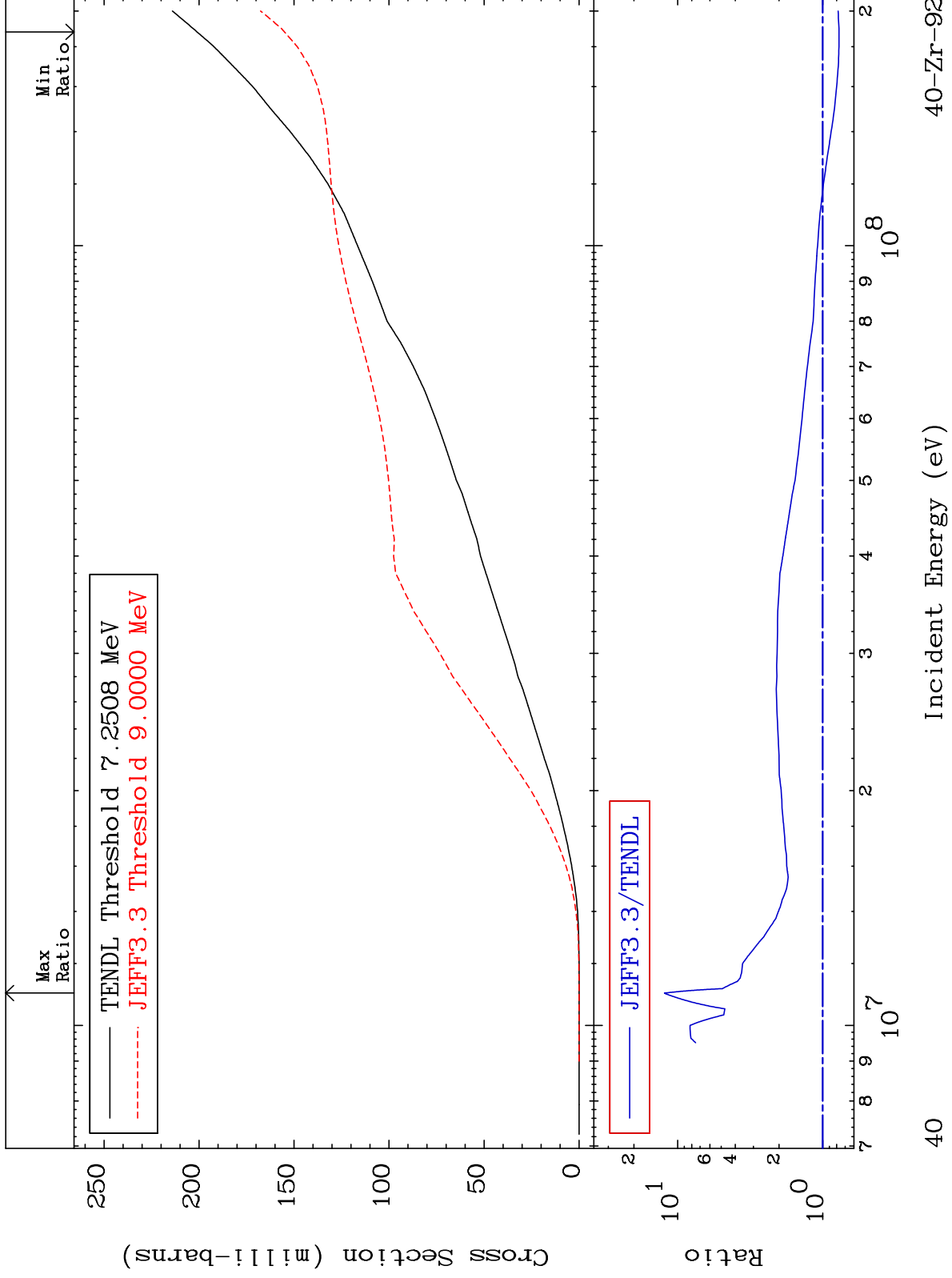
40-Zr-92
-58.17 To 48.33 %



MAT 4031

Deuterium Production
Cross Section

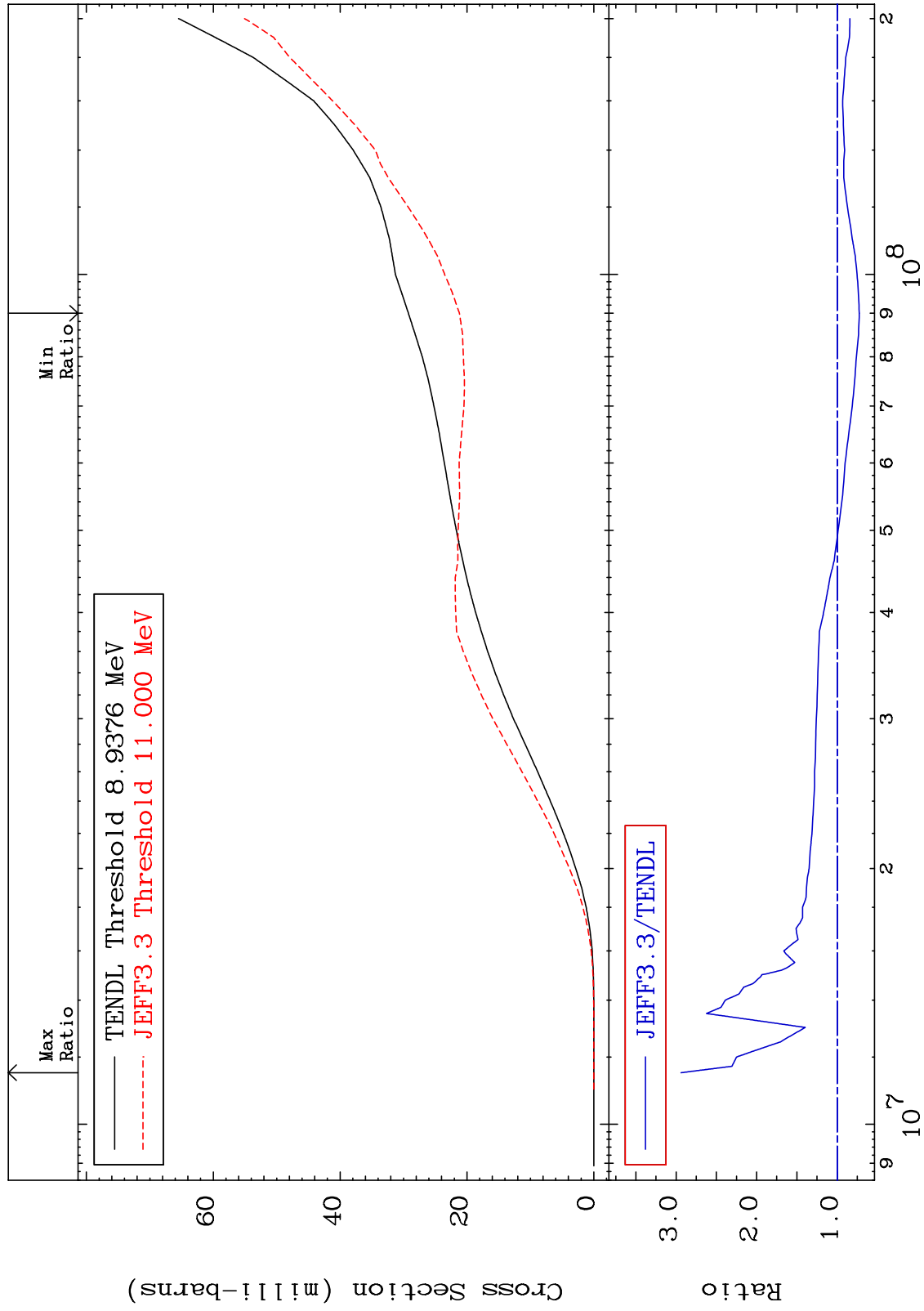
40-Zr-92
-22.88 To 1131. %



MAT 4031

Tritium Production
Cross Section

40-Zr-92
-27.51 To 193.9 %



41

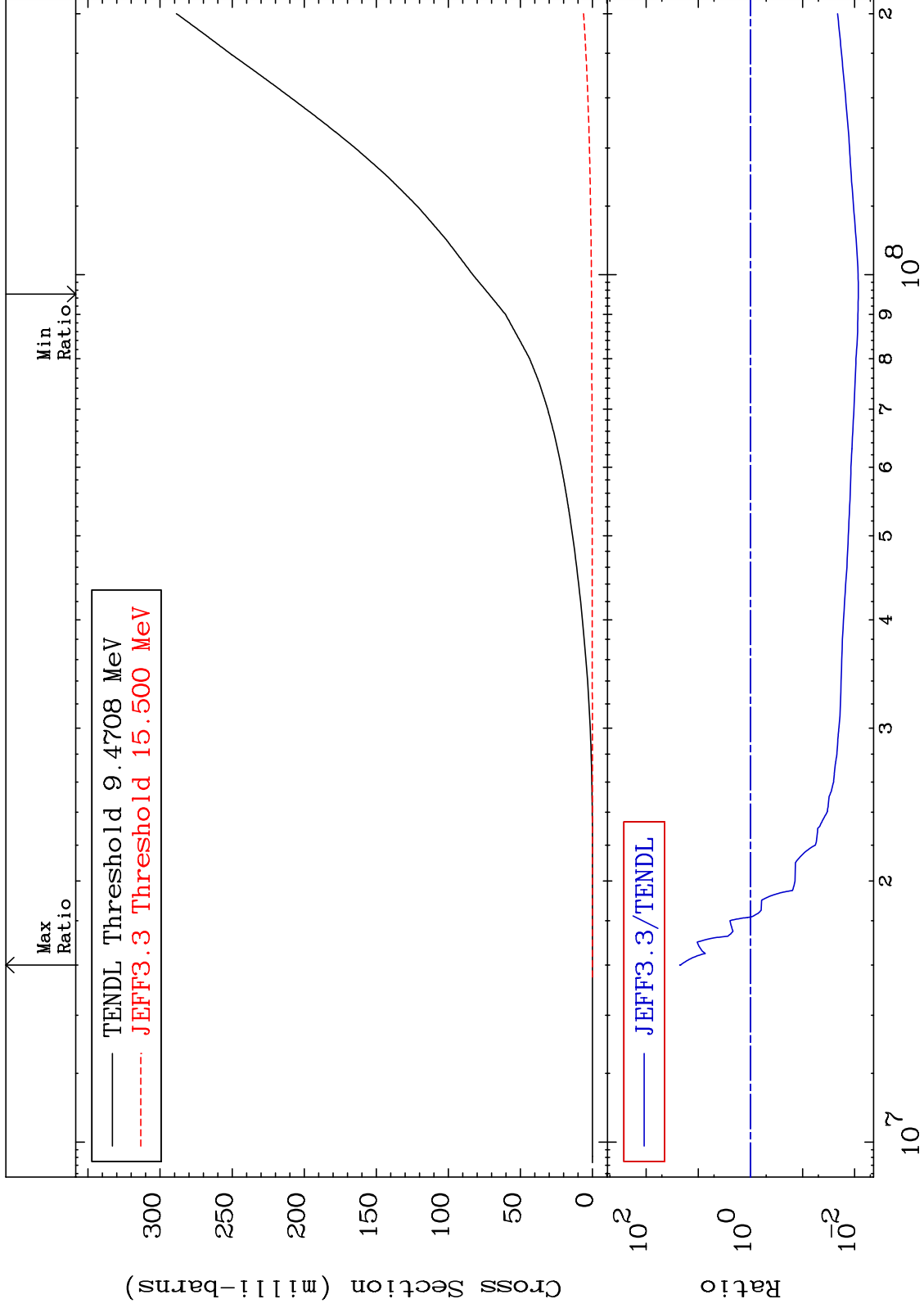
Incident Energy (eV)

40-Zr-92

MAT 4031

He-3 Production
Cross Section

40-Zr-92
-99.15 To 2168. %



42

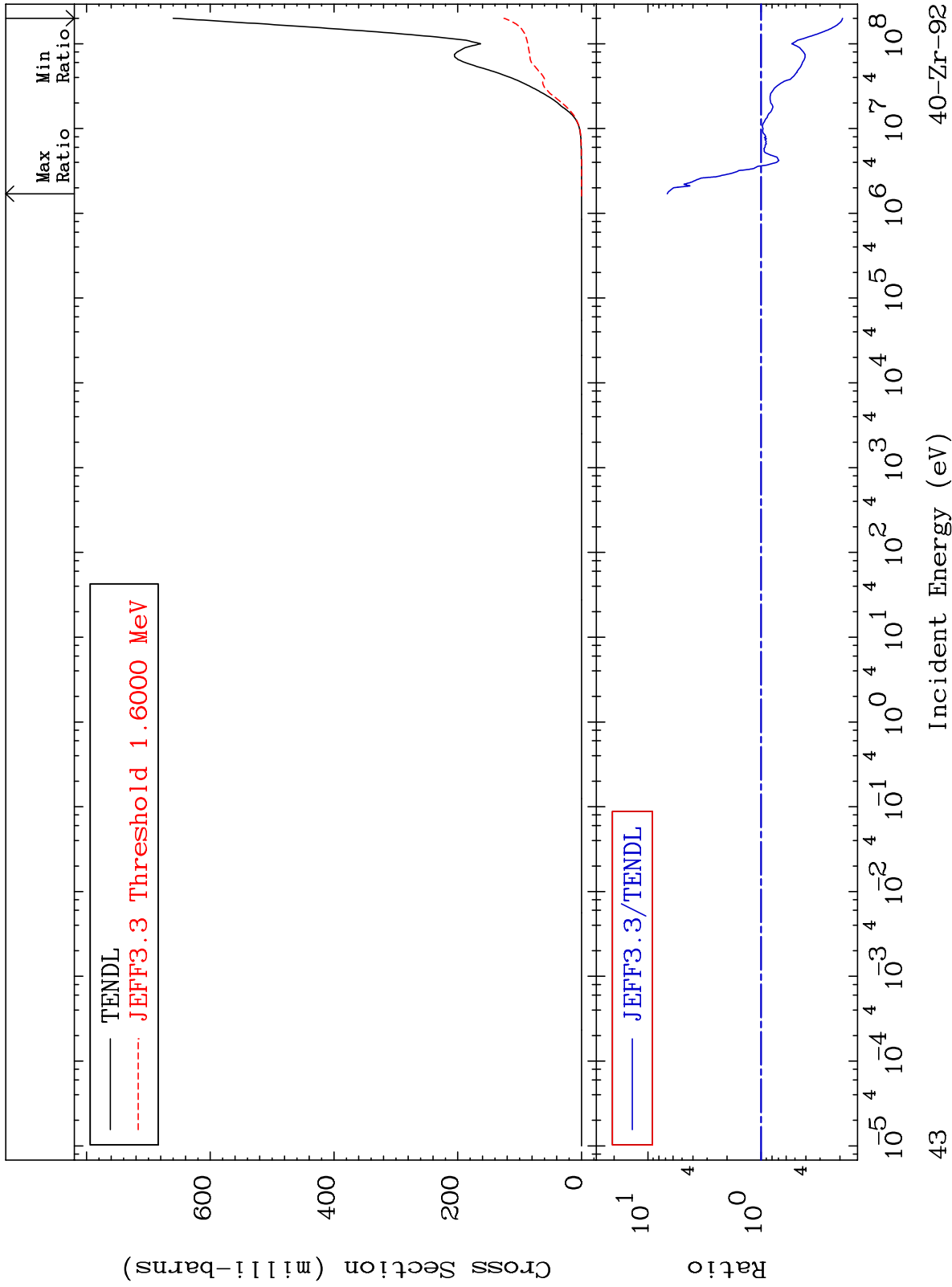
Incident Energy (eV)

40-Zr-92

MAT 4031

He-4 Production
Cross Section

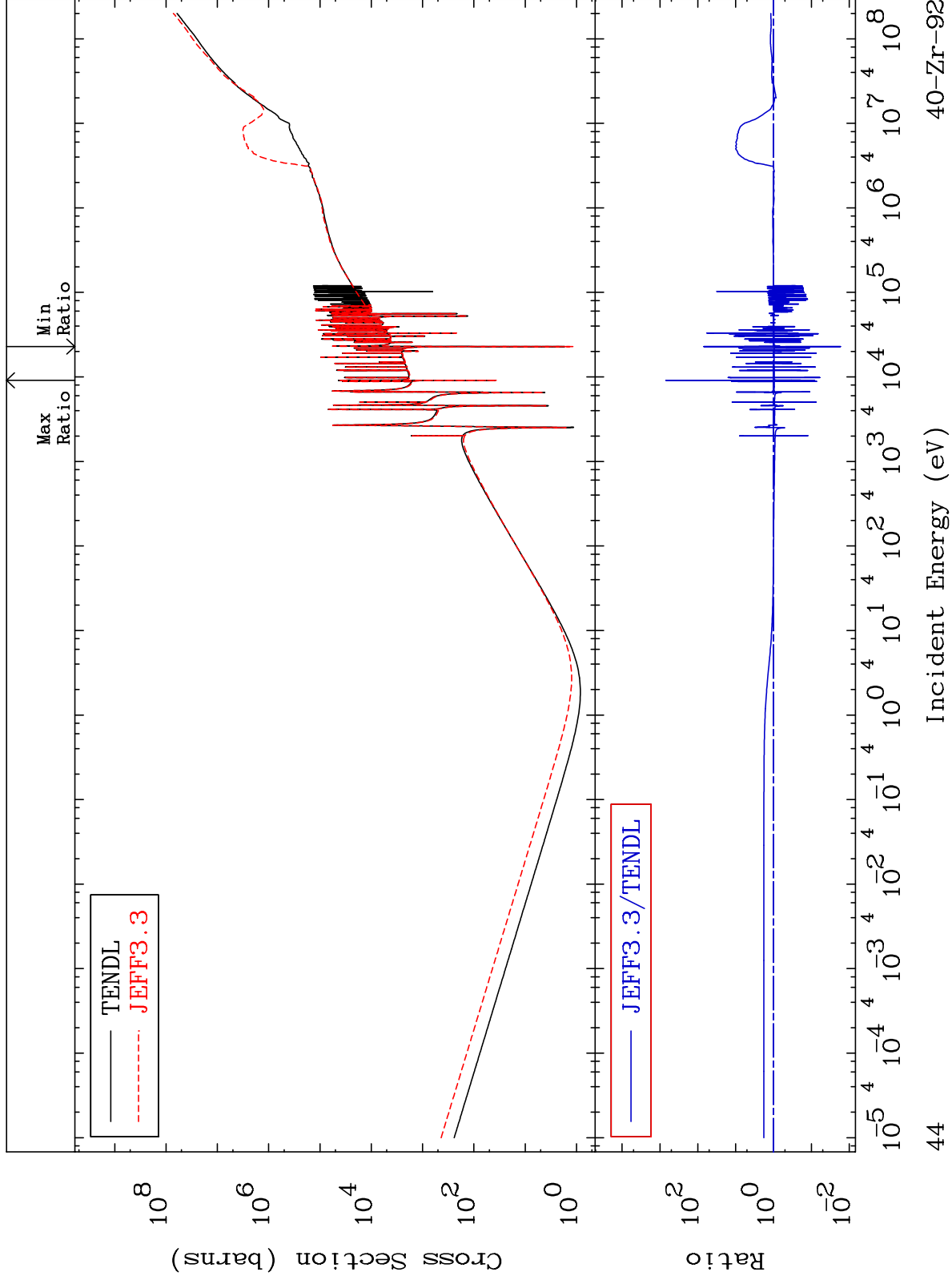
40-Zr-92
-81.03 To 575.1 %



MAT 4031

Kerma total (eV-barns)
Cross Section

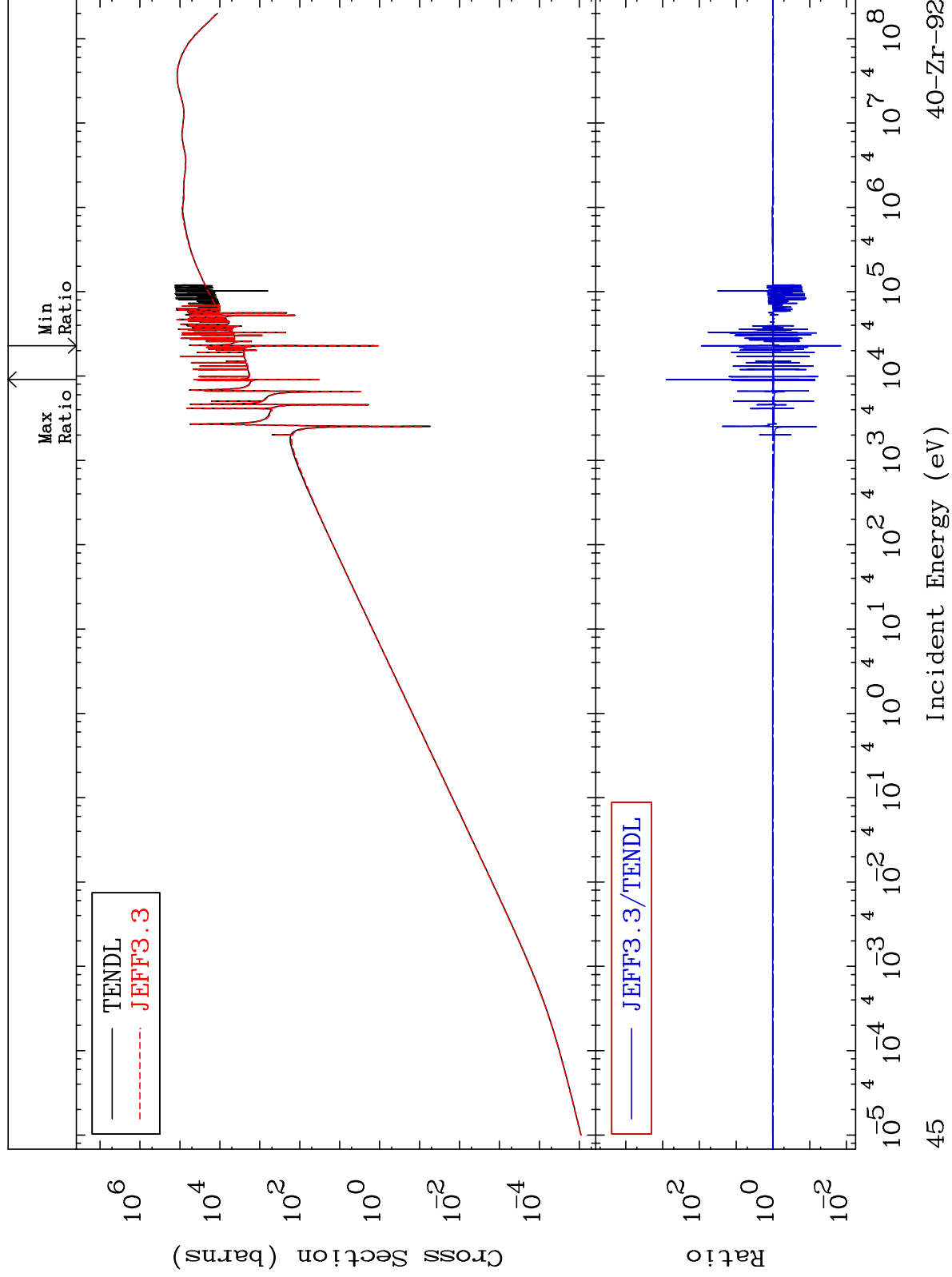
40-Zr-92
-98.30 To 9999. %



MAT 4031

Kerma elastic
Cross Section

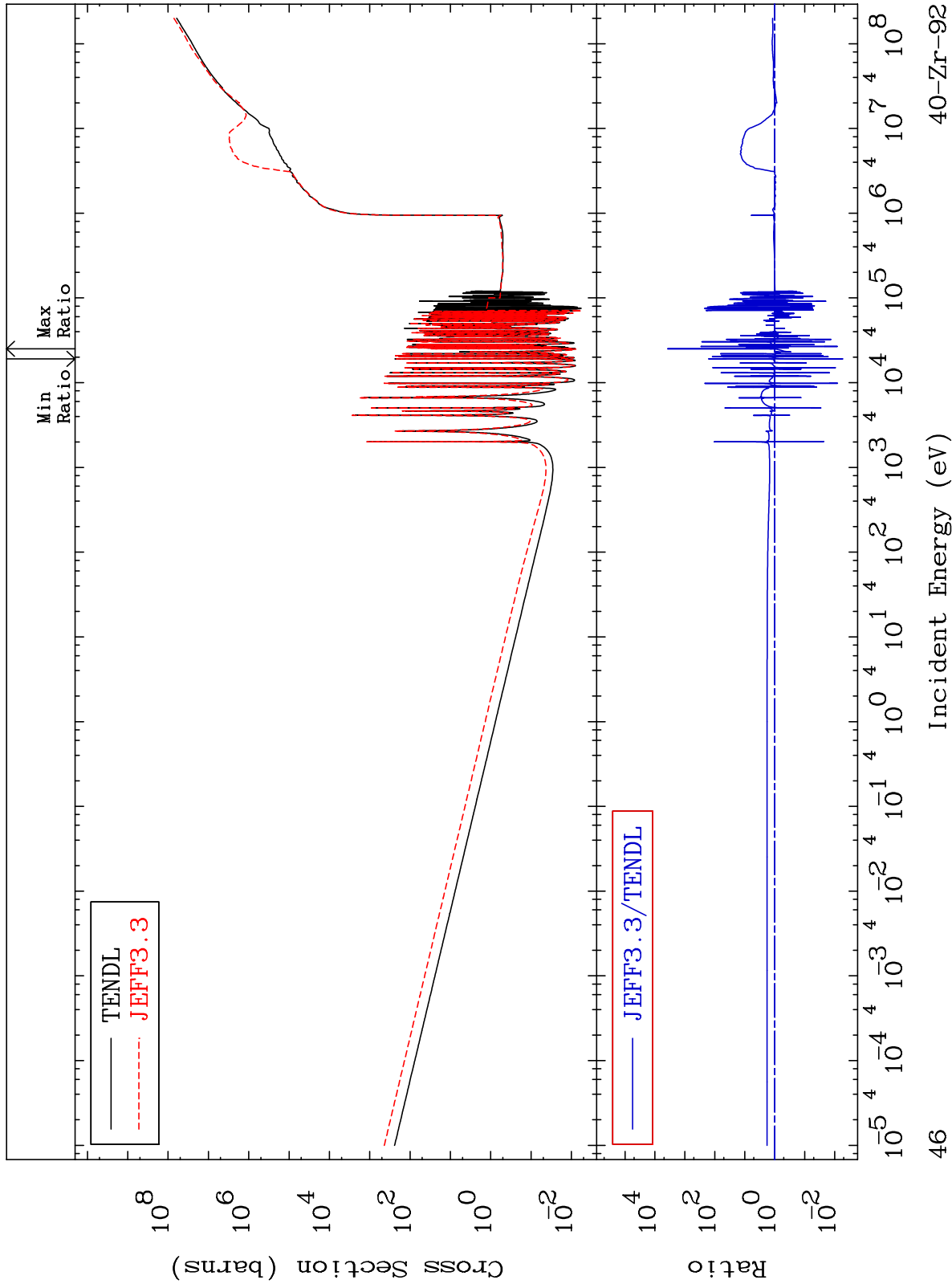
40-Zr-92
-98.57 To 9999. %



MAT 4031

Kerma non-elastic (all but mt2)
Cross Section

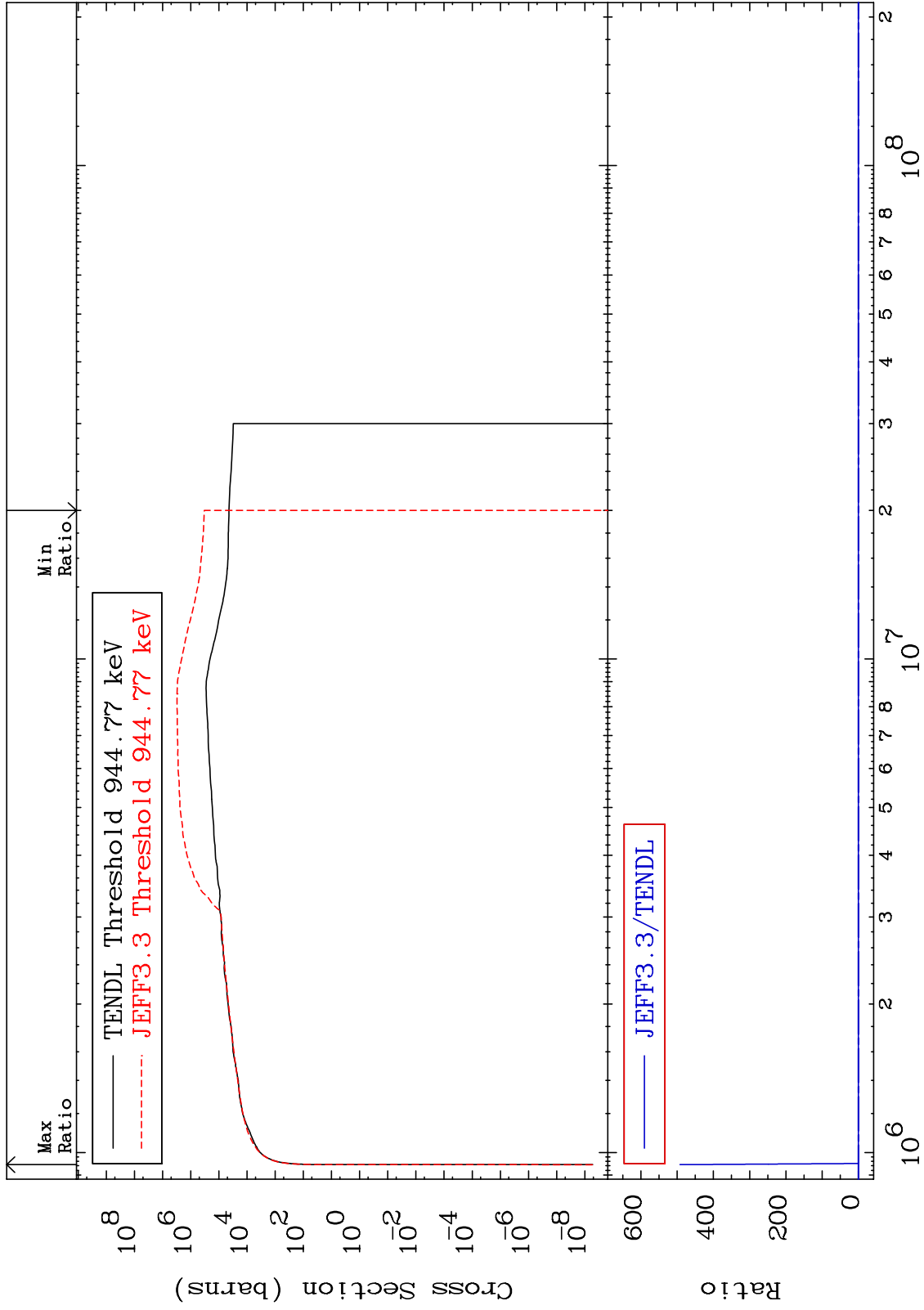
40-Zr-92
-99.46 To 9999. %



MAT 4031

Kerma inelastic (mt51-91)
Cross Section

40-Zr-92
-100.0 To 9999. %



47

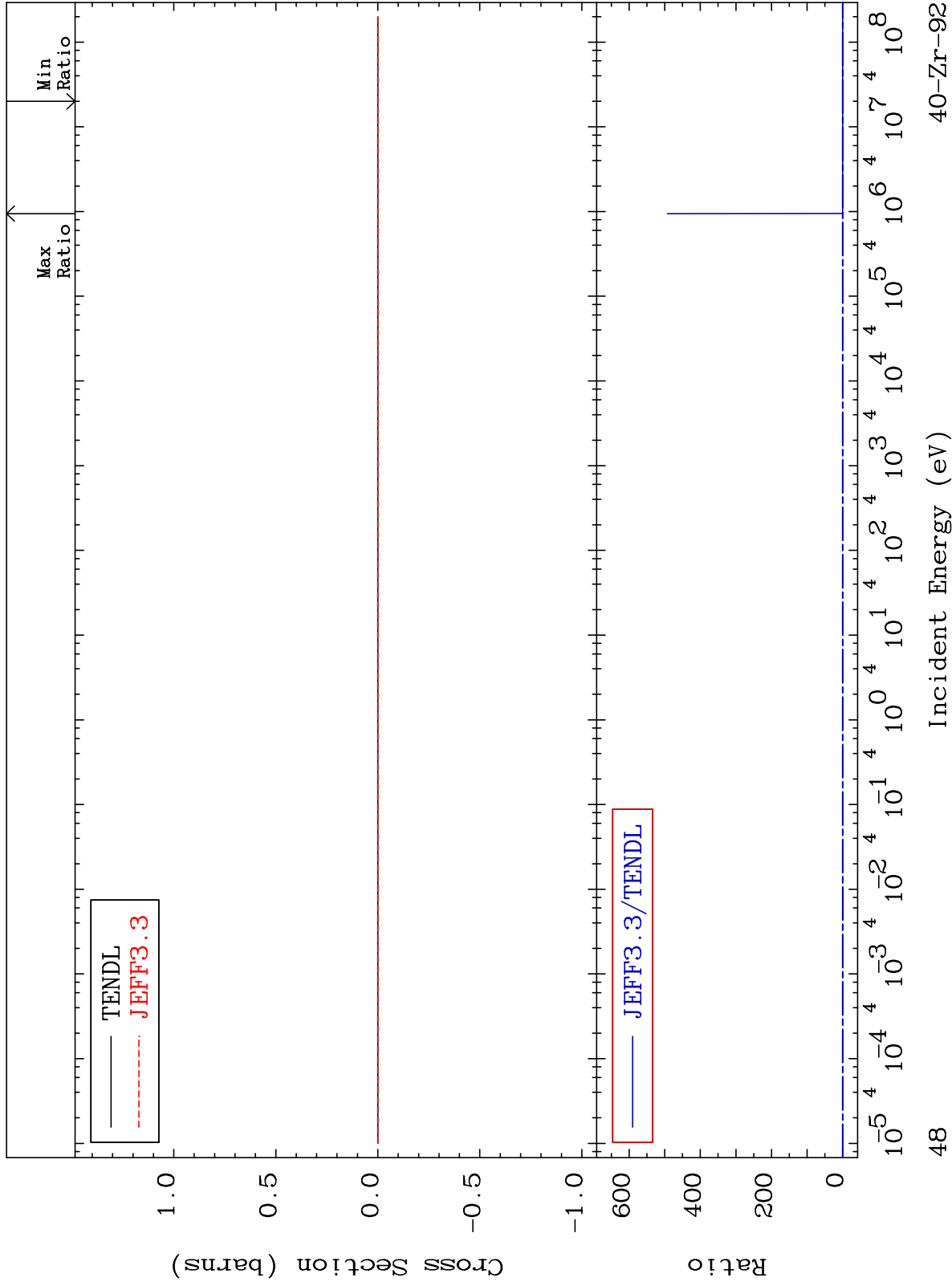
Incident Energy (eV)

40-Zr-92

MAT 4031

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

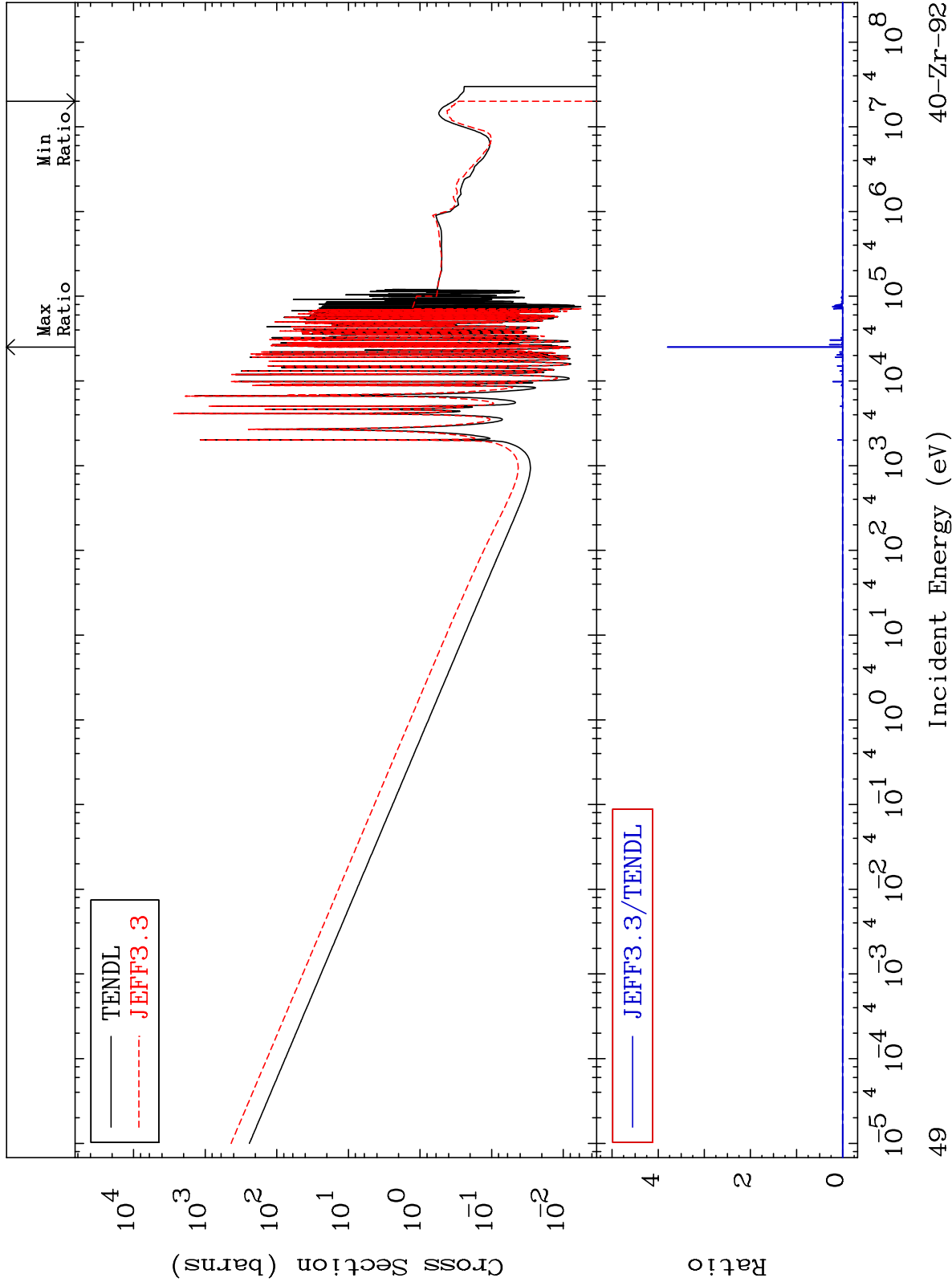
40-Zr-92
-100.0 To 9999. %



MAT 4031

Kerma capture (mt102)
Cross Section

40-Zr-92
-100.0 To 9999. %



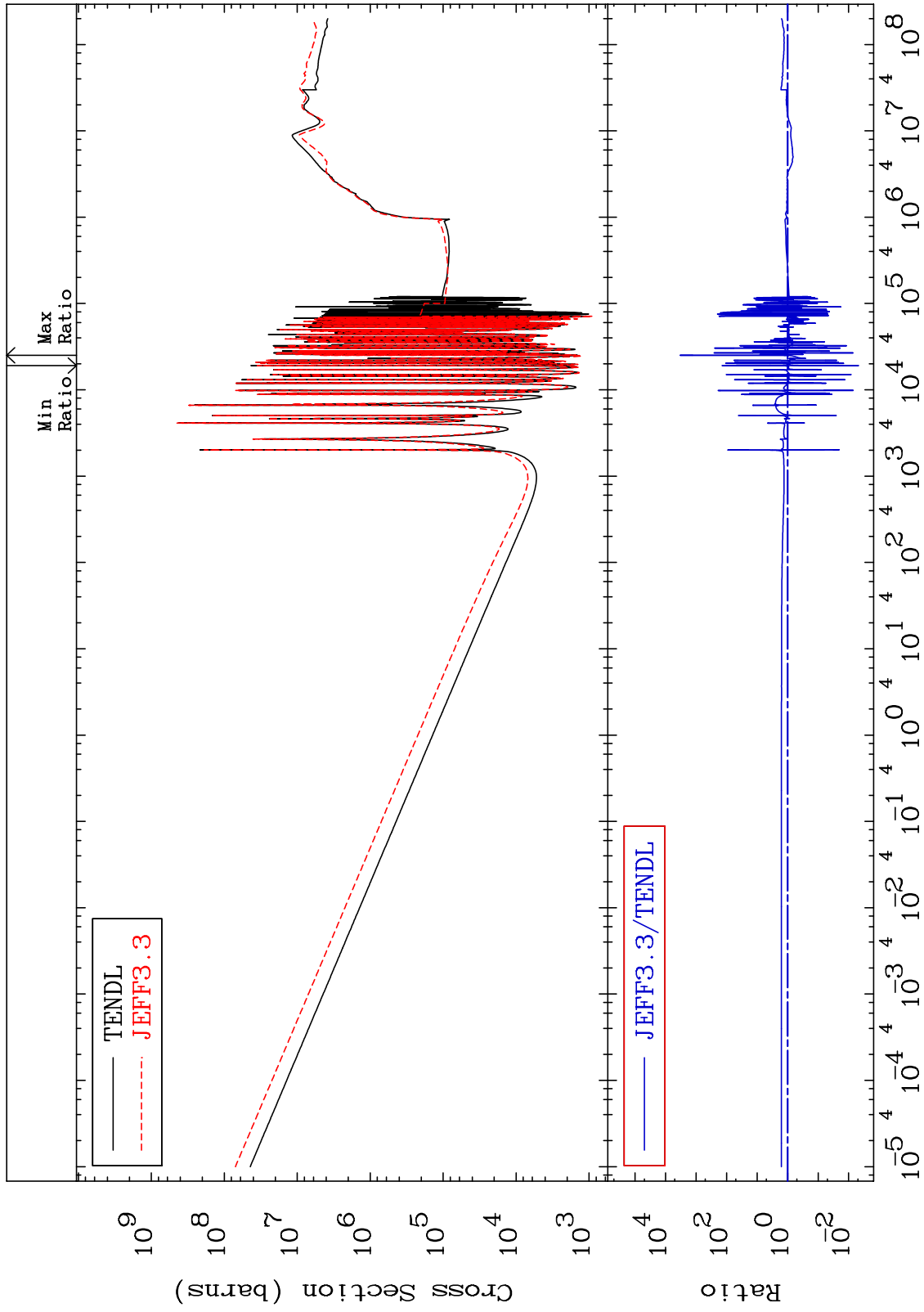
49

40-Zr-92

MAT 4031

Total photon (eV-barns)
Cross Section

40-Zr-92
-99.52 To 9999. %



50

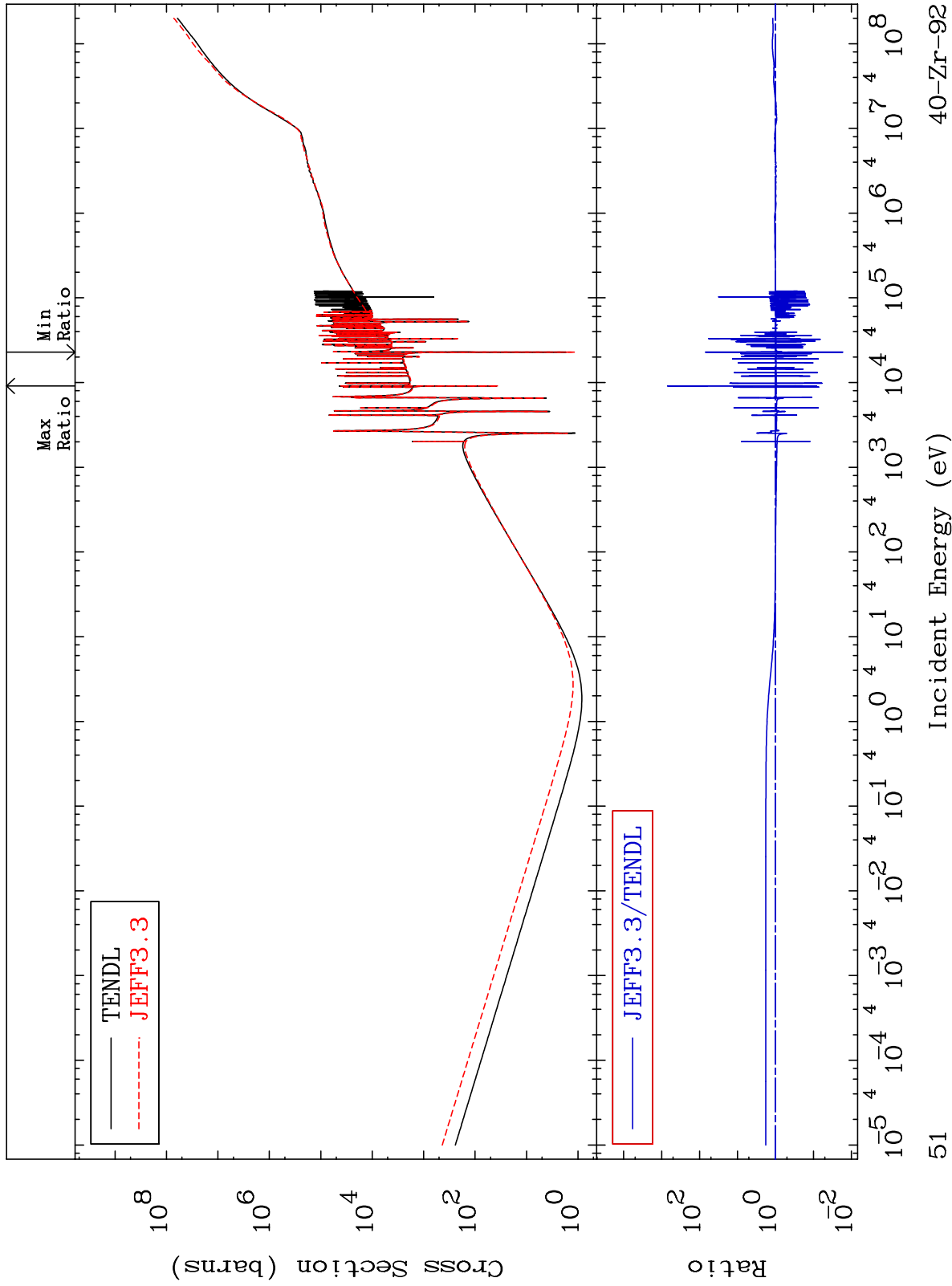
Incident Energy (eV)

40-Zr-92

MAT 4031

Total kinematic kerma (high limit)
Cross Section

40-Zr-92
-98.30 To 9999. %



51

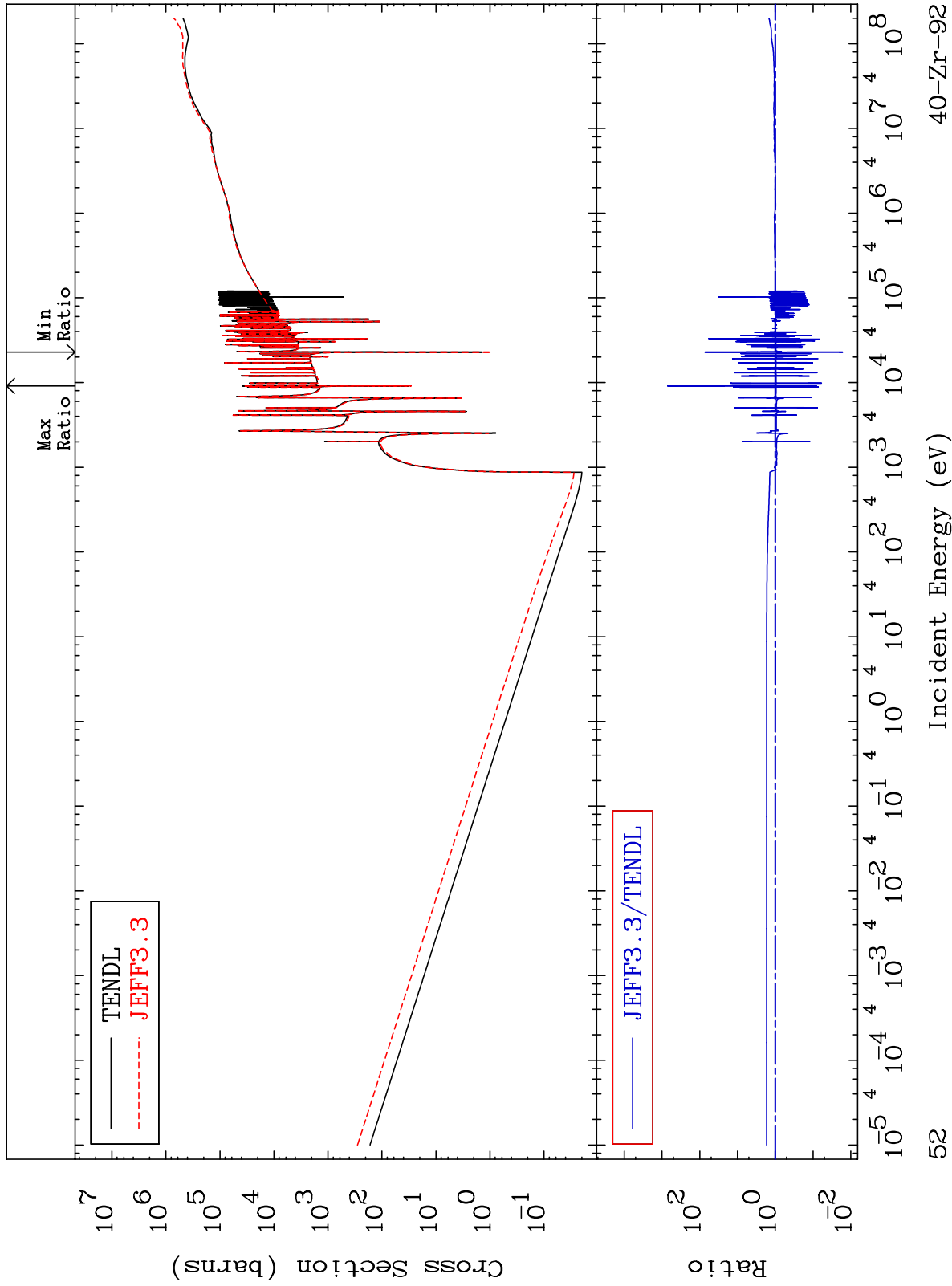
Incident Energy (eV)

40-Zr-92

MAT 4031

Dpa total (eV-barns)
Cross Section

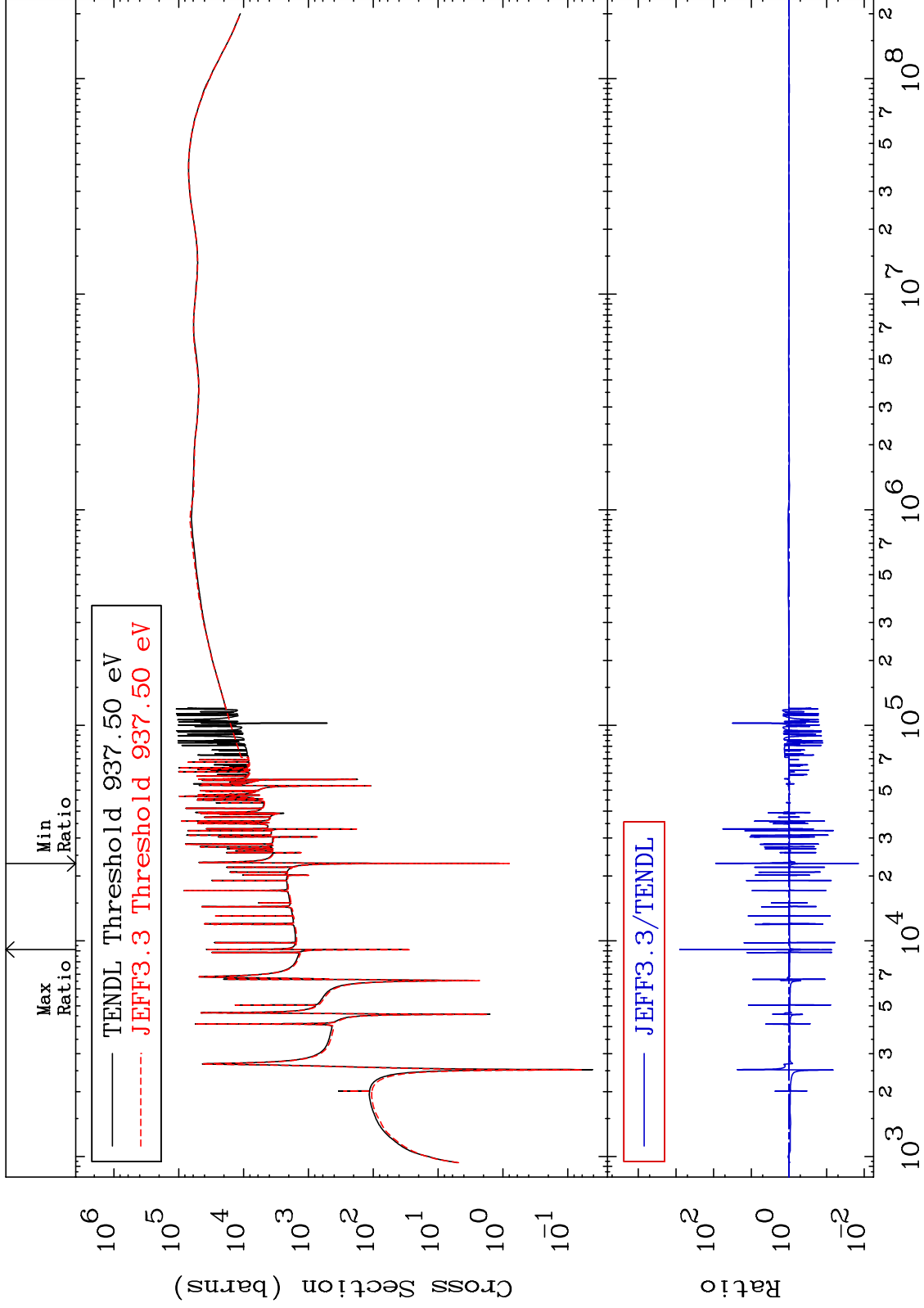
40-Zr-92
-98.36 To 9999. %



MAT 4031

Dpa elastic (mt2)
Cross Section

40-Zr-92
-98.57 To 9999. %

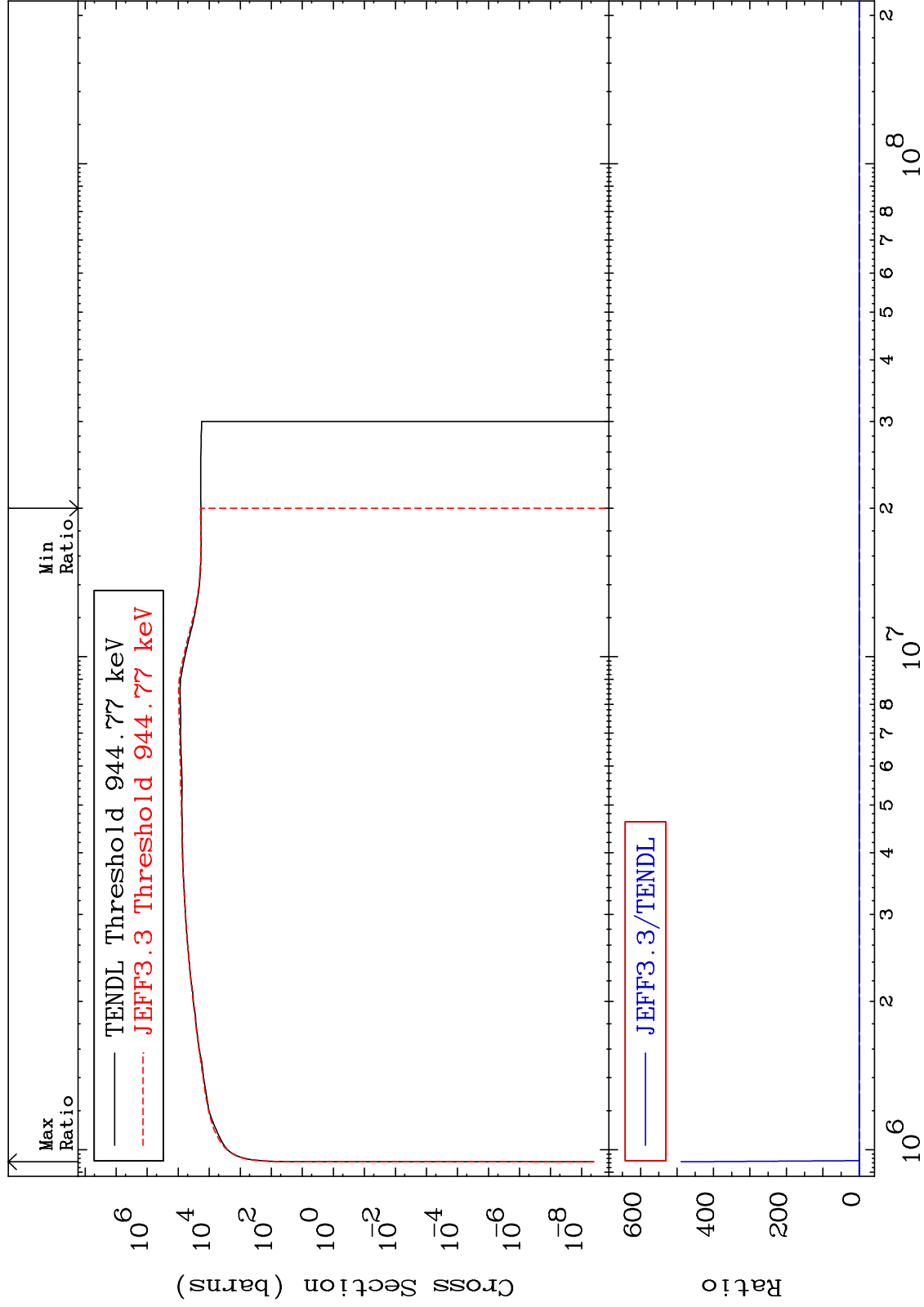


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MAT 4031

Dpa inelastic (mt51-91)
Cross Section

40-Zr-92
-100.0 To 9999. %



54

Incident Energy (eV)

40-Zr-92

MAT 4031

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-92
-100.0 To 9999. %

