

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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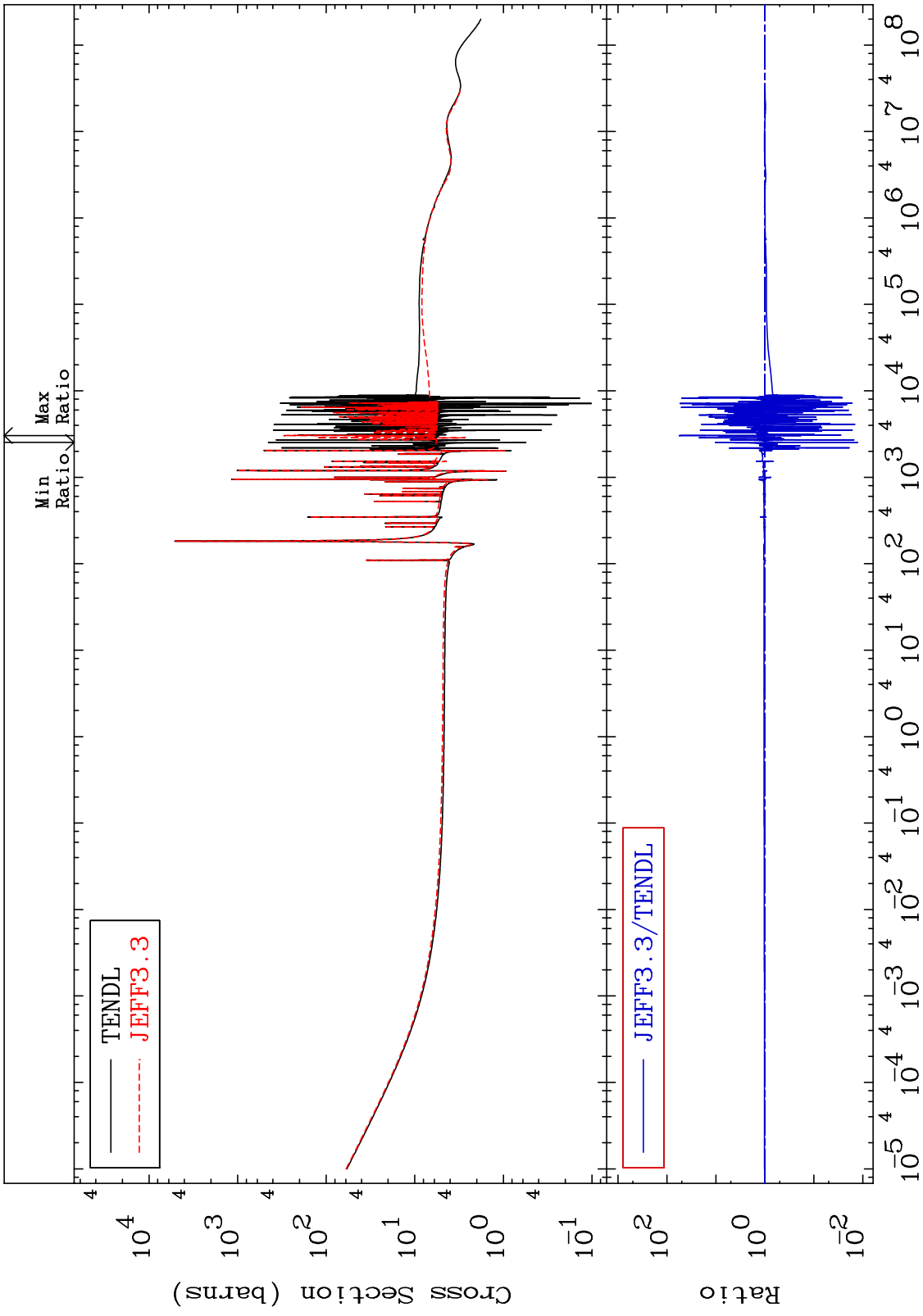
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4631 Total Cross Section 46-Pd-104 -98.73 To 5582. %

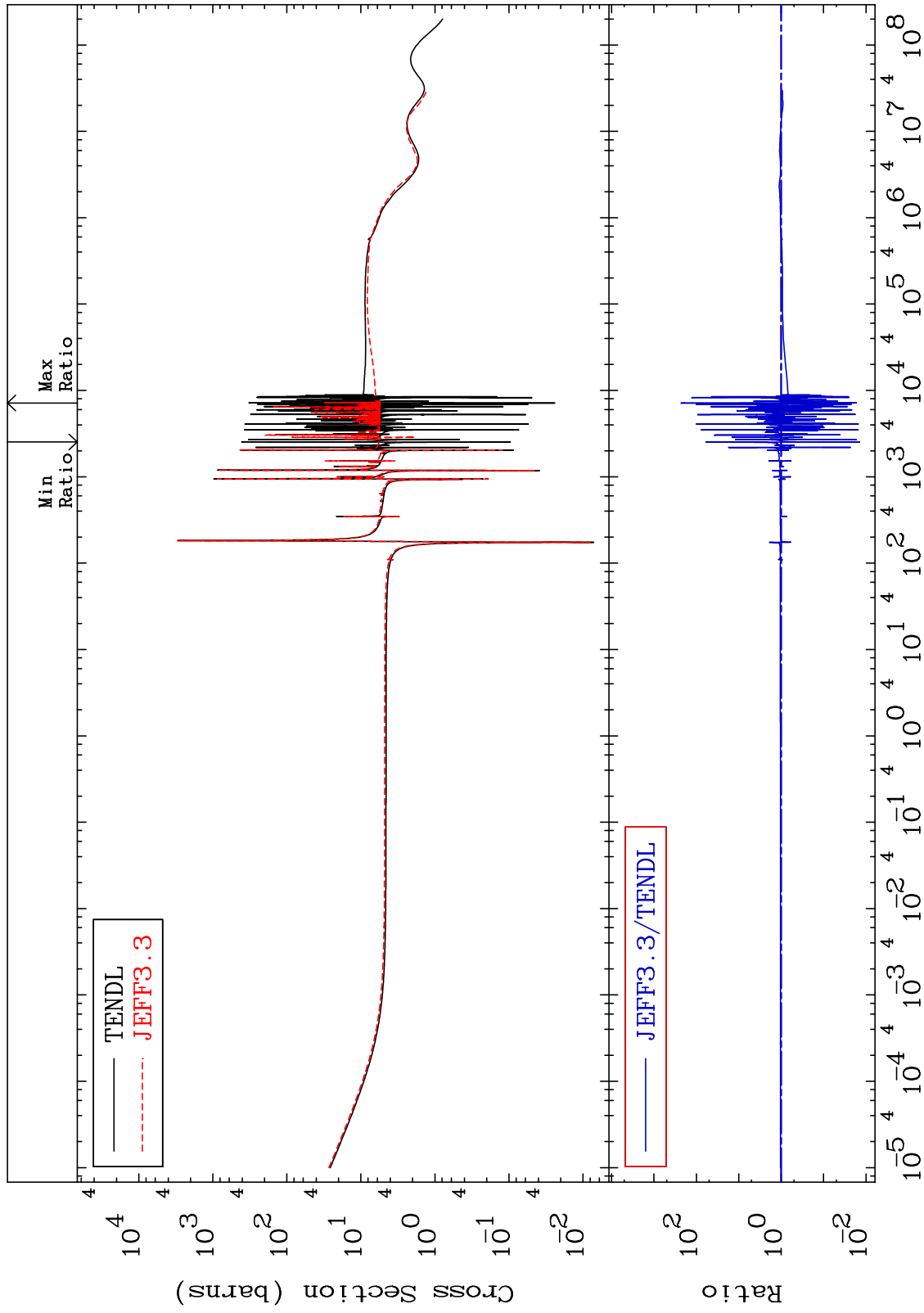


1 Incident Energy (eV) 46-Pd-104

MAT 4631

Elastic
Cross Section

46-Pd-104
-98.60 To 9999. %

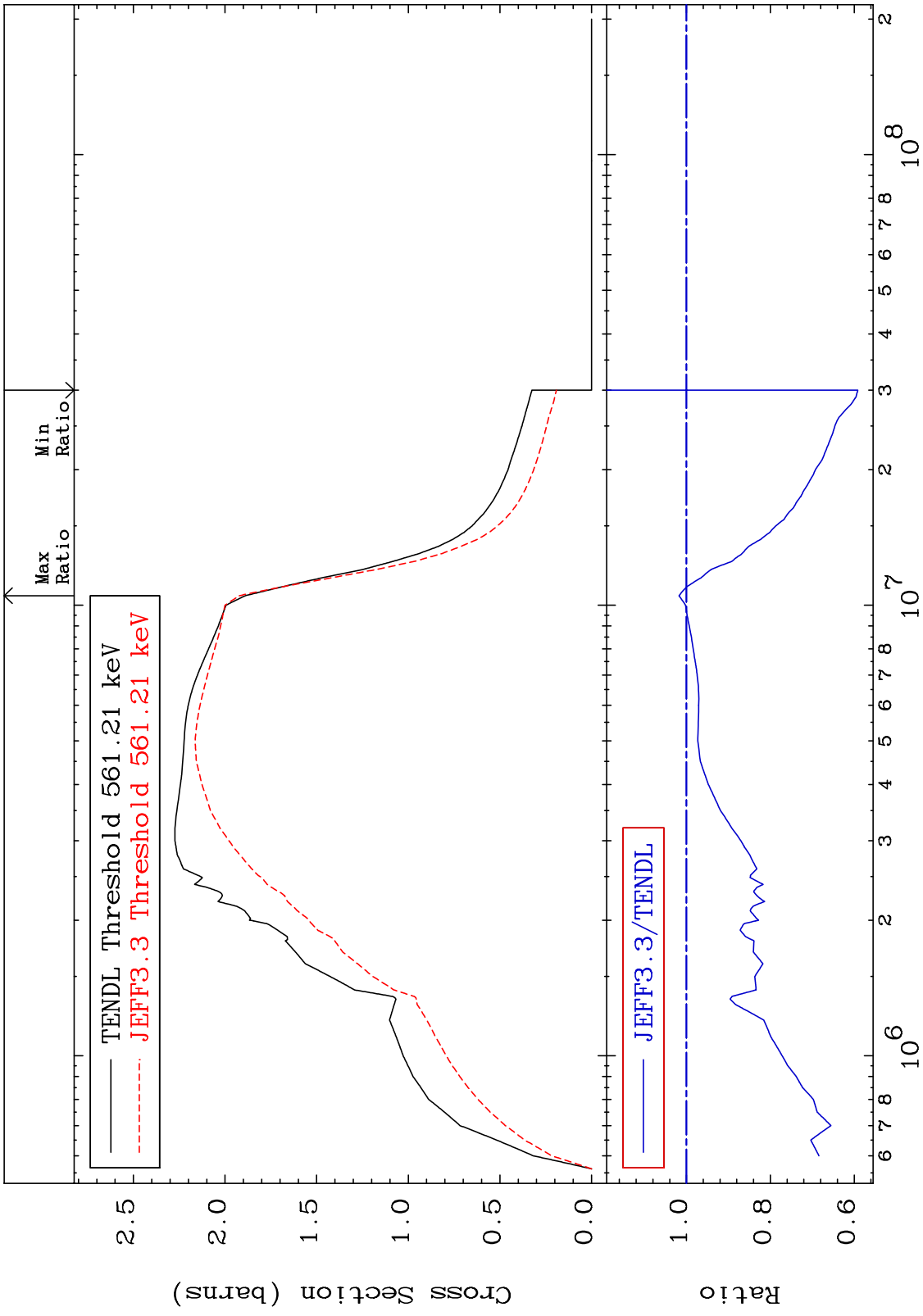


2

Incident Energy (eV)

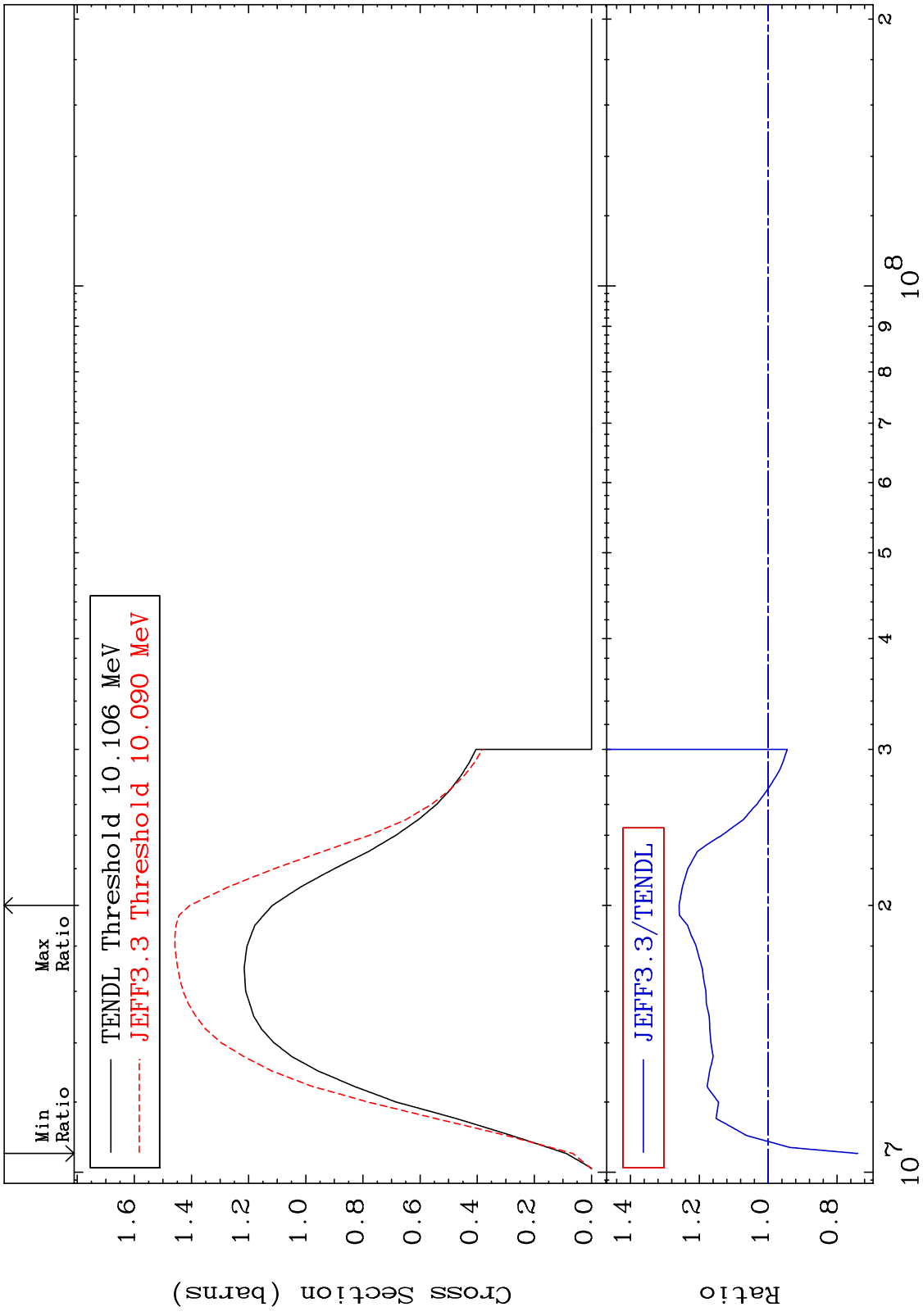
46-Pd-104

MAT 4631 Inelastic Cross Section 46-Pd-104 -40.87 To 1.771 %



3 46-Pd-104

MAT 4631 (n,2n) Cross Section 46-Pd-104 -26.05 To 25.87 %



46-Pd-104

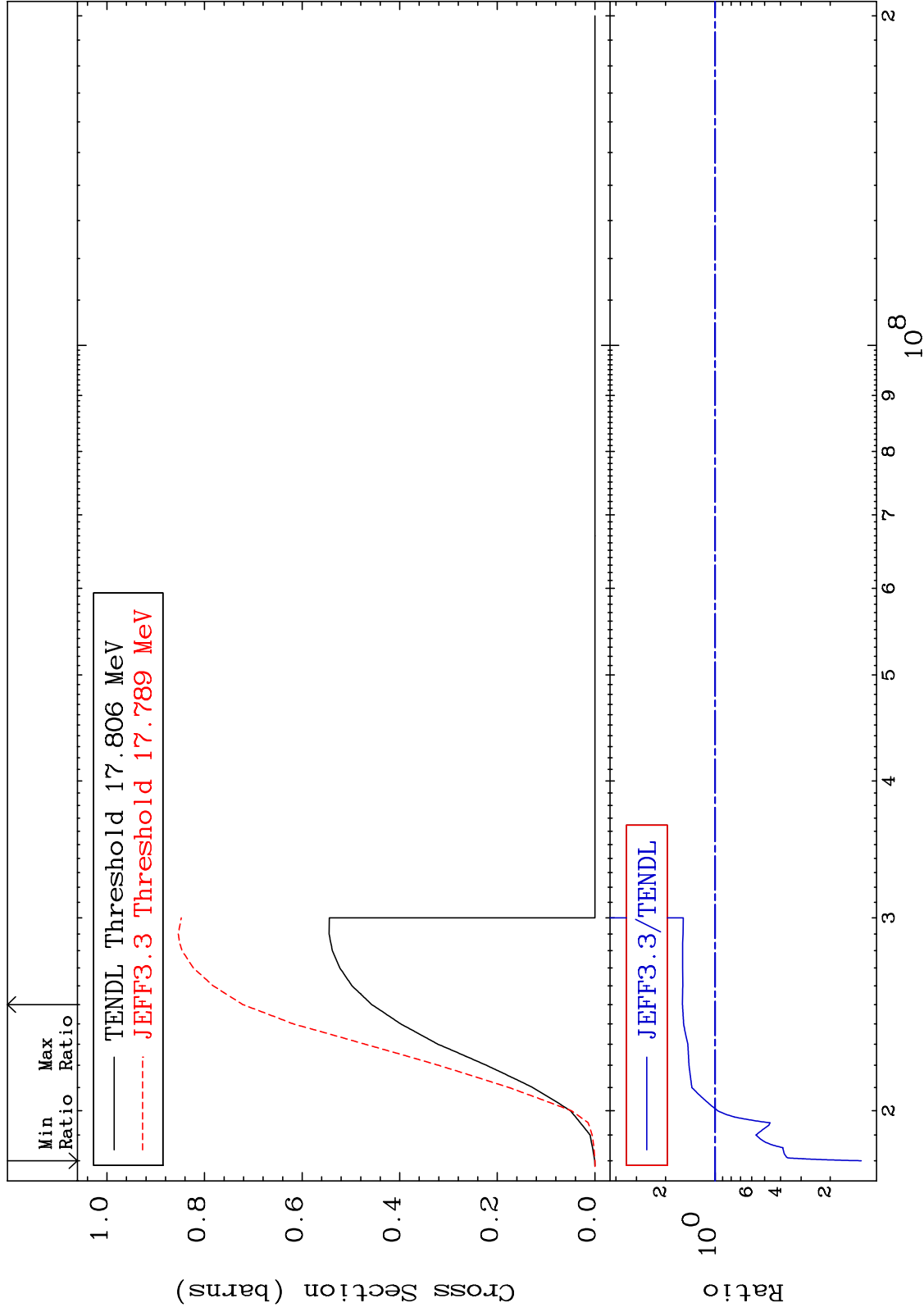
MAT 4631

(n,3n)

46-Pd-104

Cross Section

-87.05 To 57.79 %

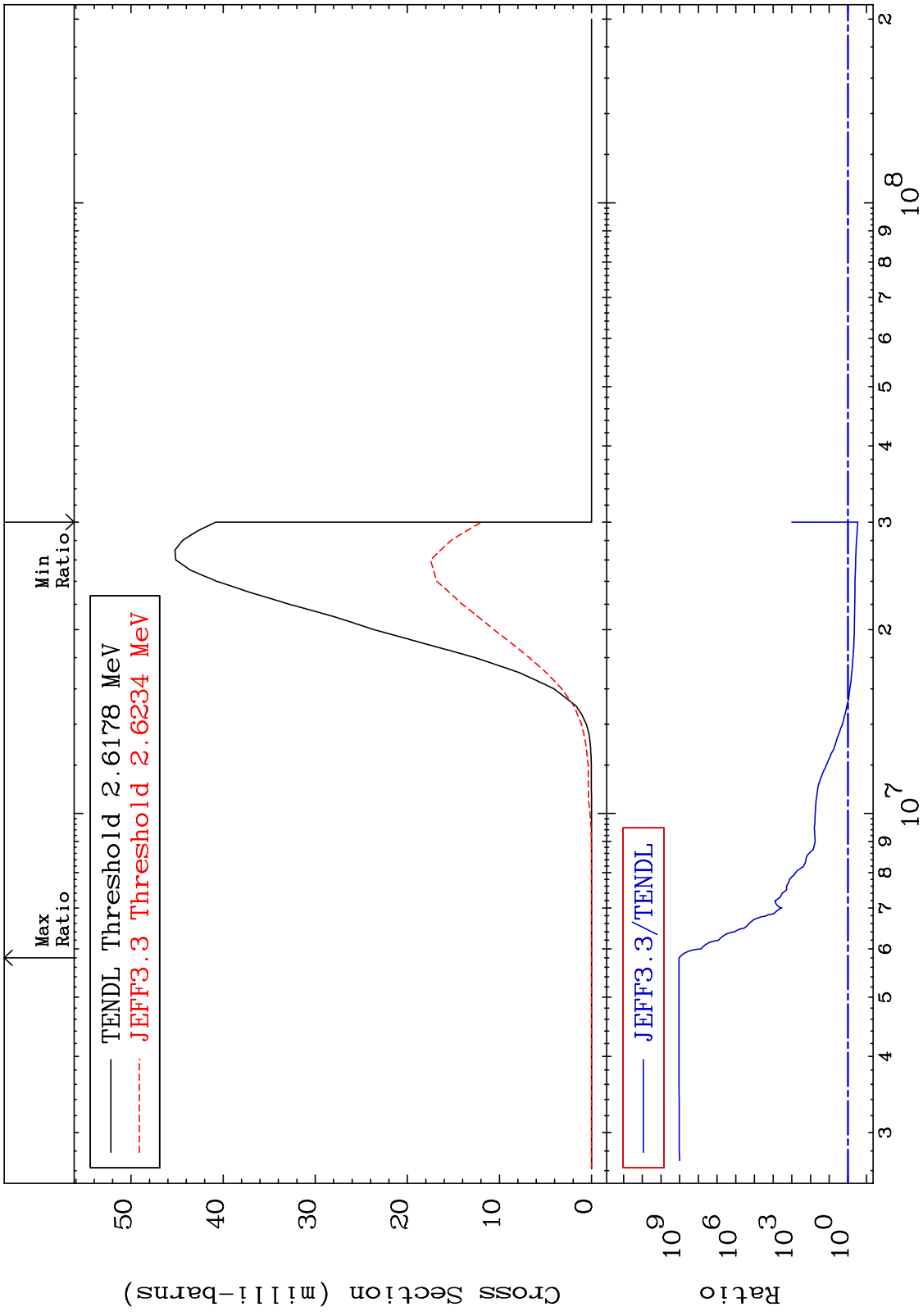


5

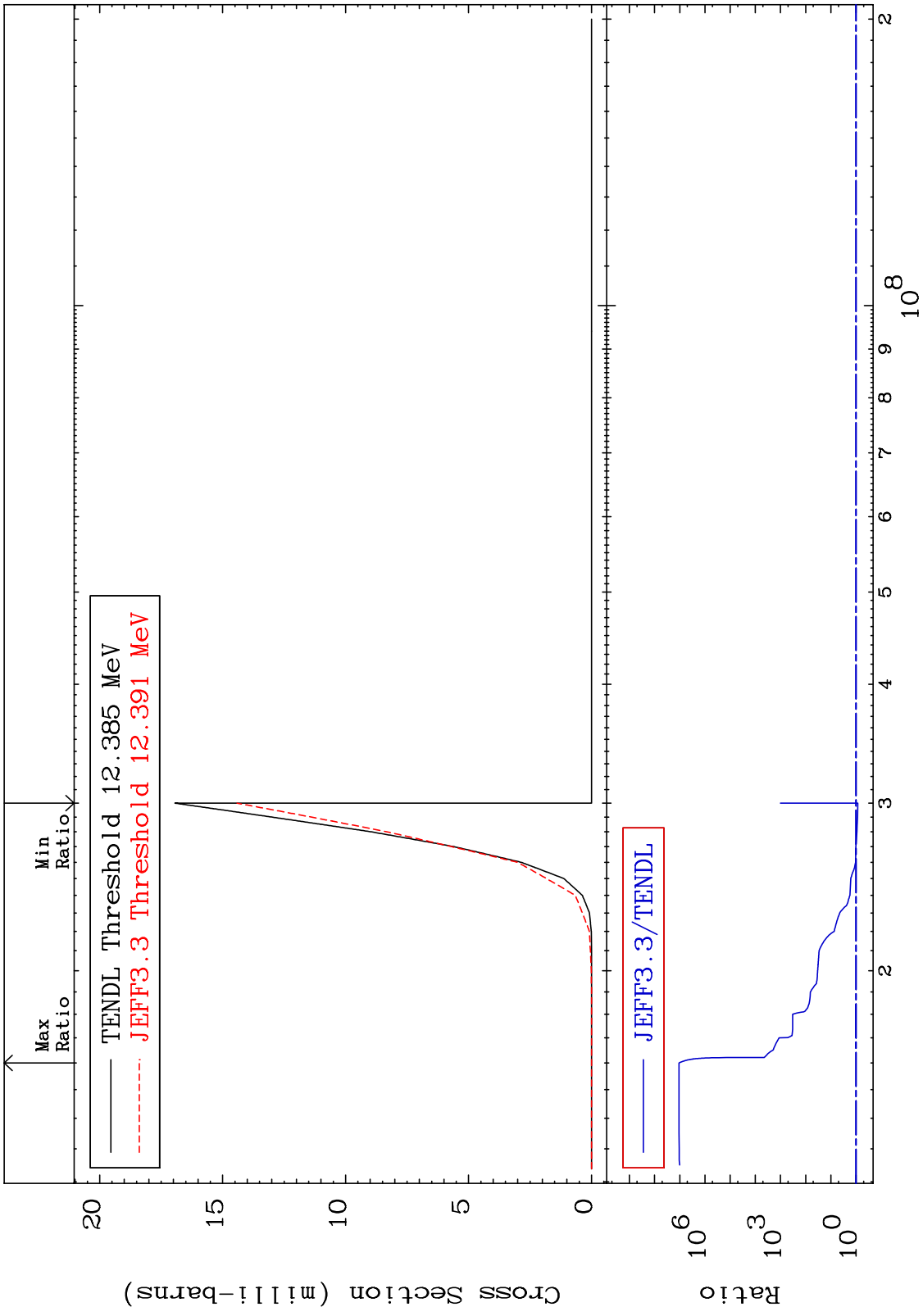
Incident Energy (eV)

46-Pd-104

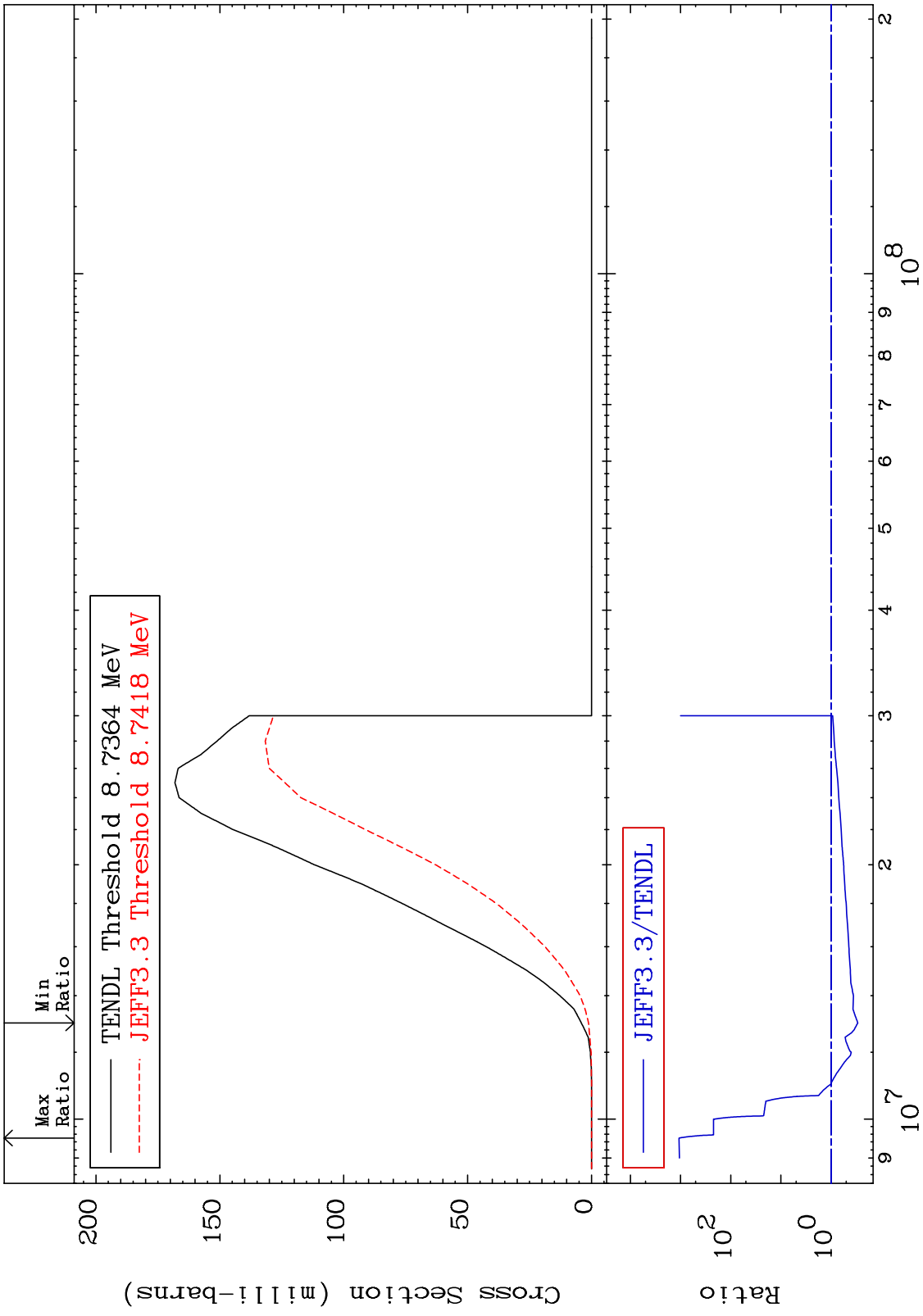
MAT 4631 $(n, n') \alpha$ Cross Section 46-Pd-104
 -70.71 To 9999. %



MAT 4631 (n,2n) α 46-Pd-104
 Cross Section -14.89 To 9999. %



MAT 4631 (n,n') p 46-Pd-104
 Cross Section -70.64 To 9999. %



8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2 46-Pd-104

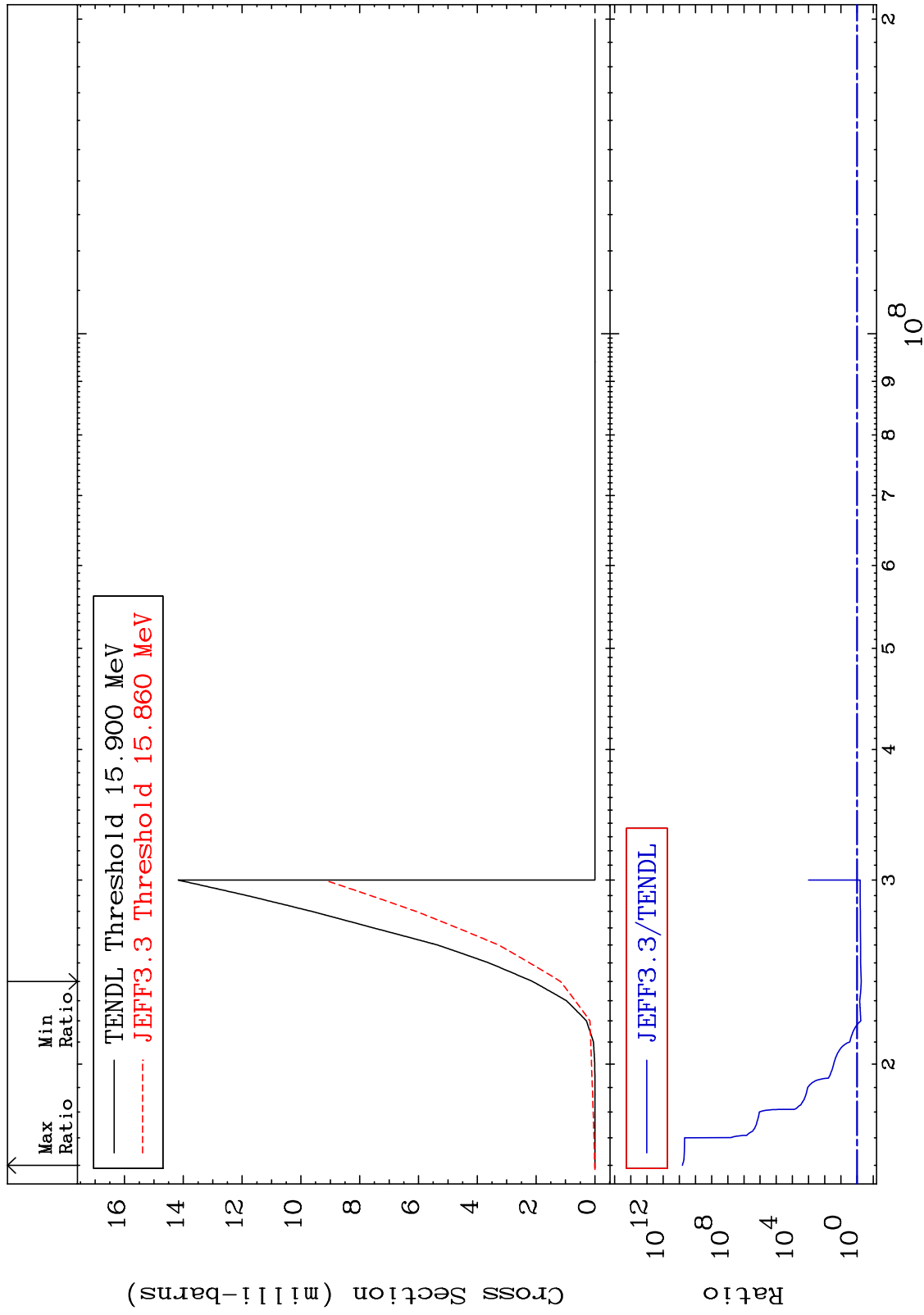
MAT 4631

(n,n') d

46-Pd-104

Cross Section

-44.90 To 9999. %



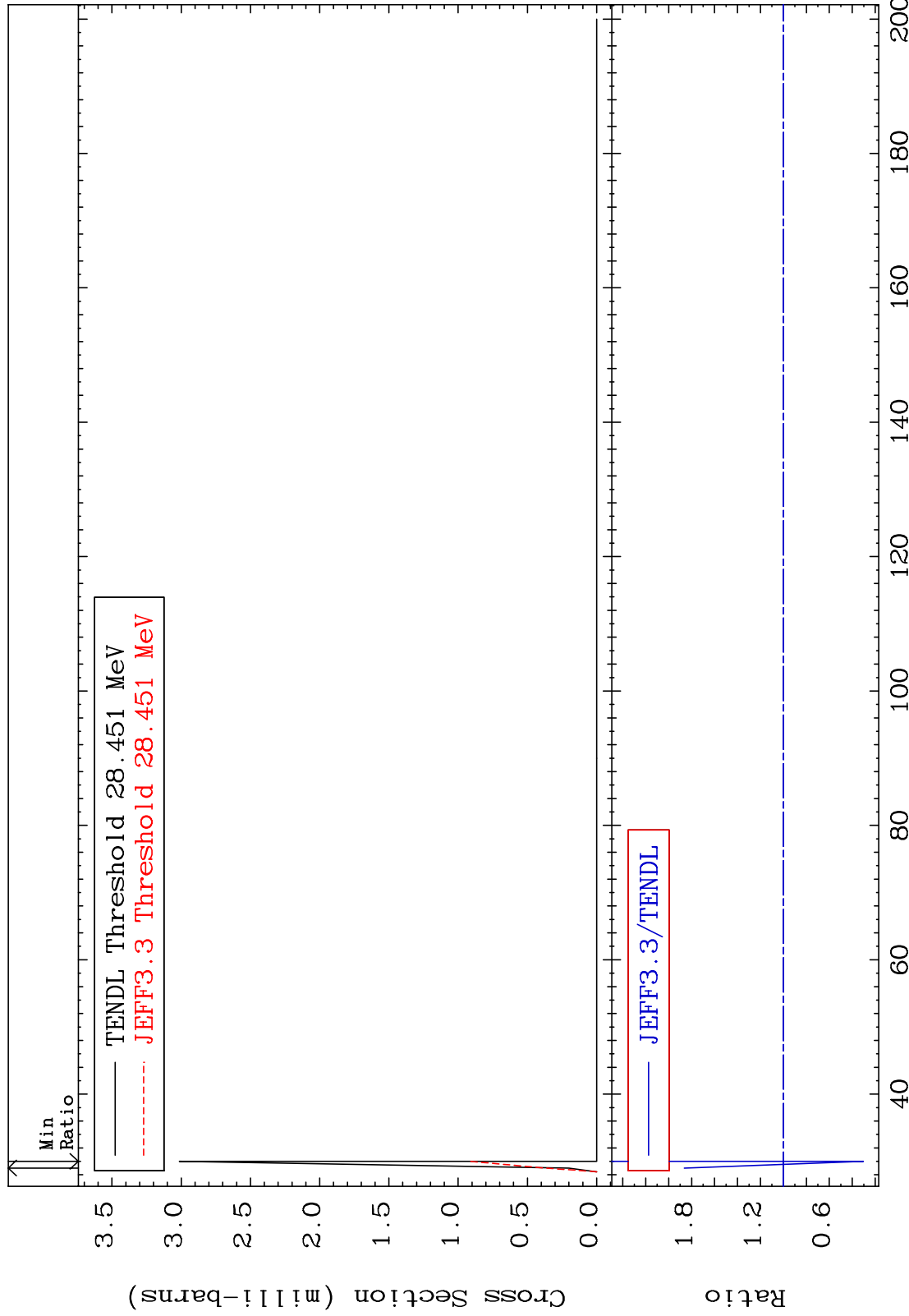
MAT 4631

(n,4n)

46-Pd-104

Cross Section

-69.72 To 86.36 %

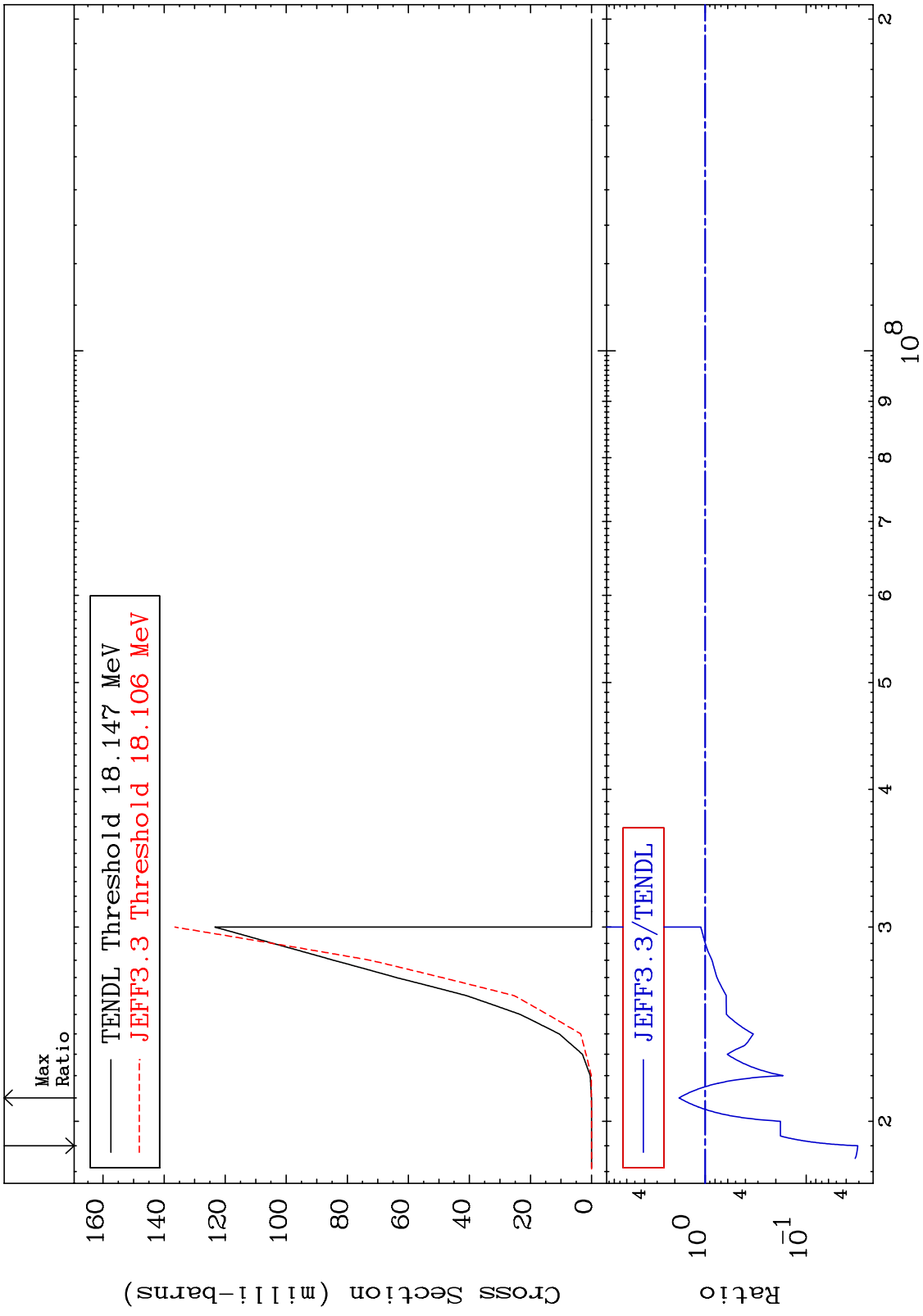


10

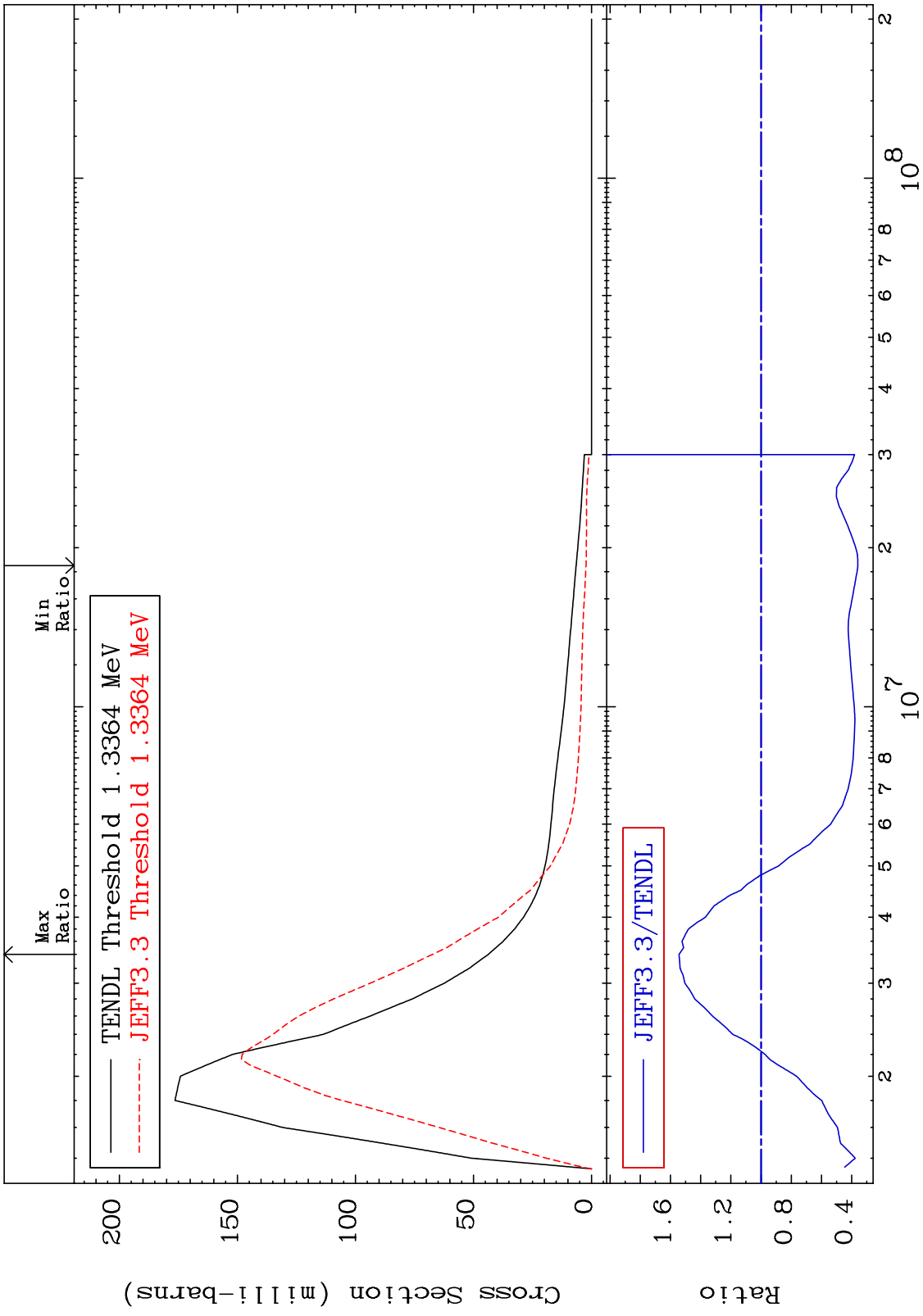
Incident Energy (MeV)

46-Pd-104

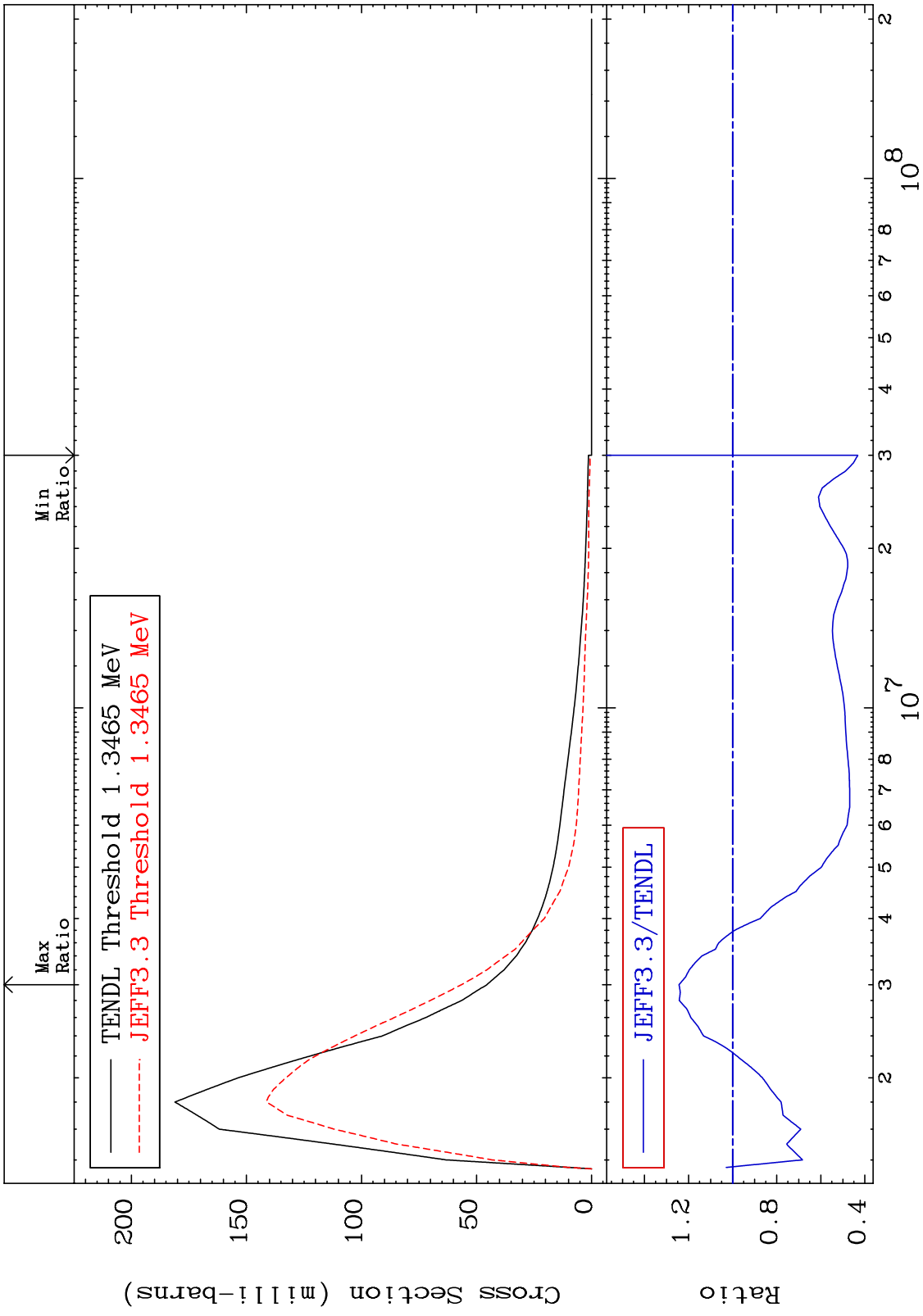
MAT 4631 (n,2n) p 46-Pd-104
 Cross Section -96.93 To 82.00 %



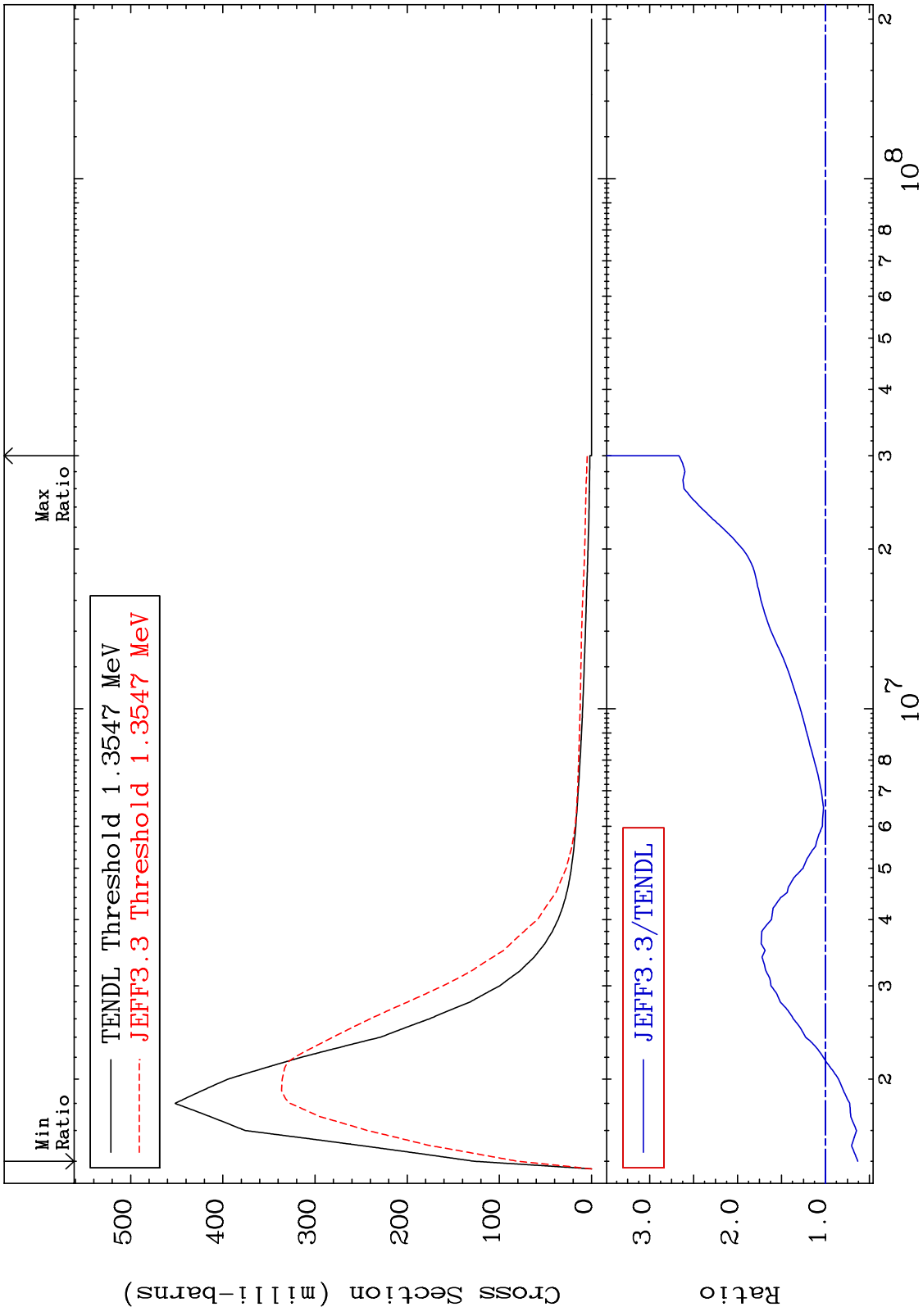
MAT 4631 MT= 52 (n,n') Level Cross Section 46-Pd-104
 -64.08 To 54.32 %



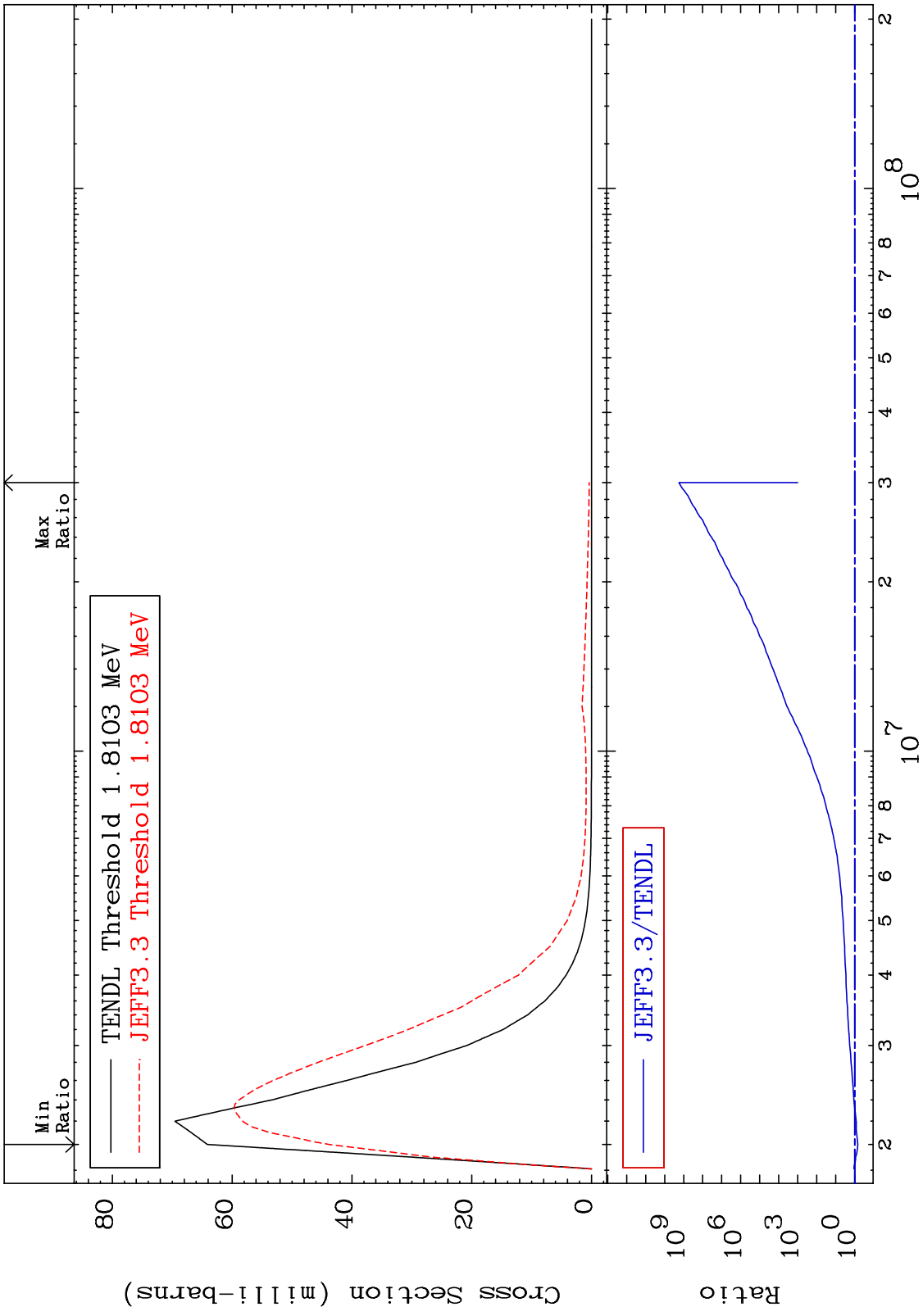
MAT 4631 MT= 53 (n,n') Level Cross Section 46-Pd-104
 -56.81 To 24.33 %



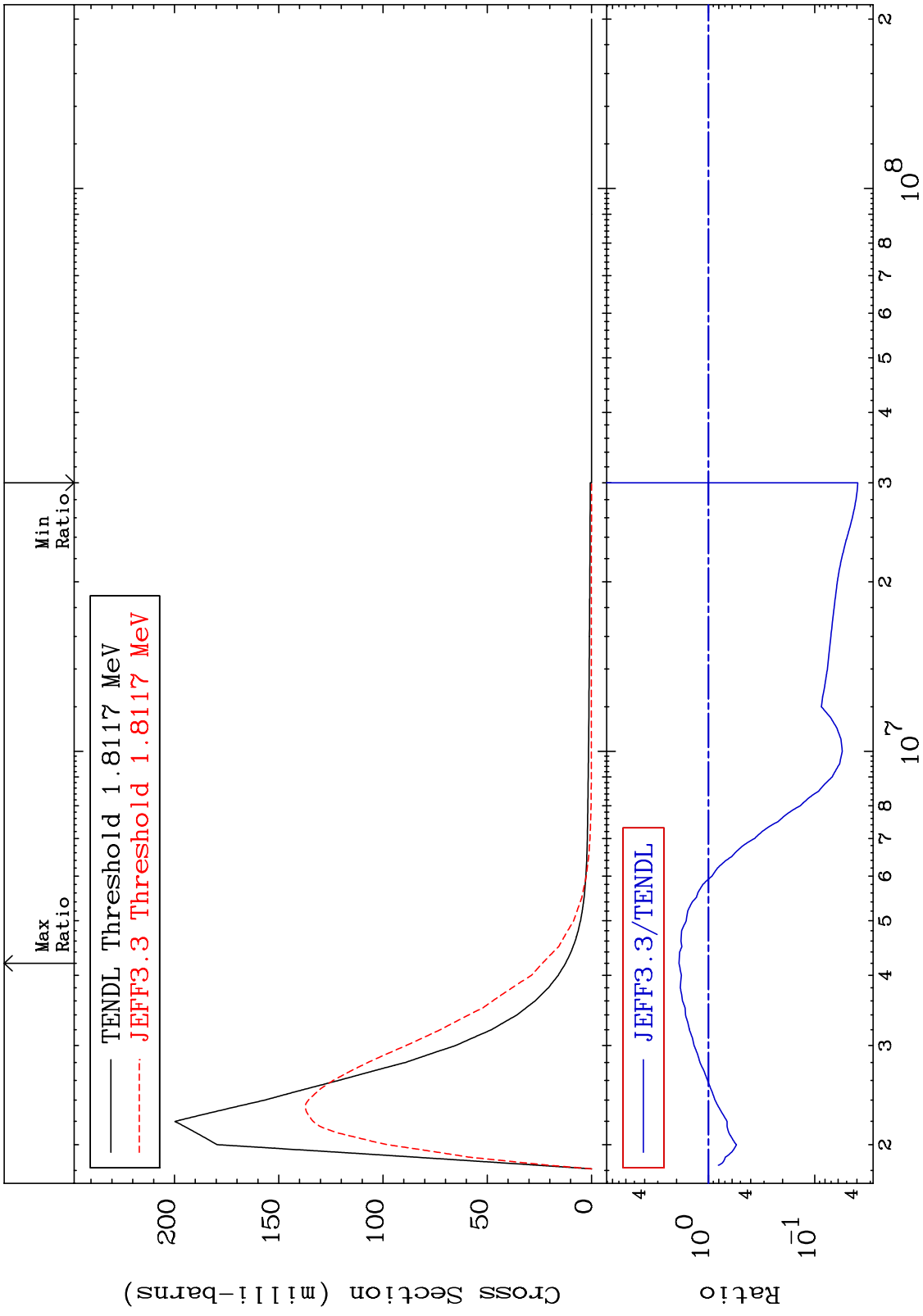
MAT 4631 MT= 54 (n,n') Level Cross Section 46-Pd-104
 -36.86 To 166.6 %



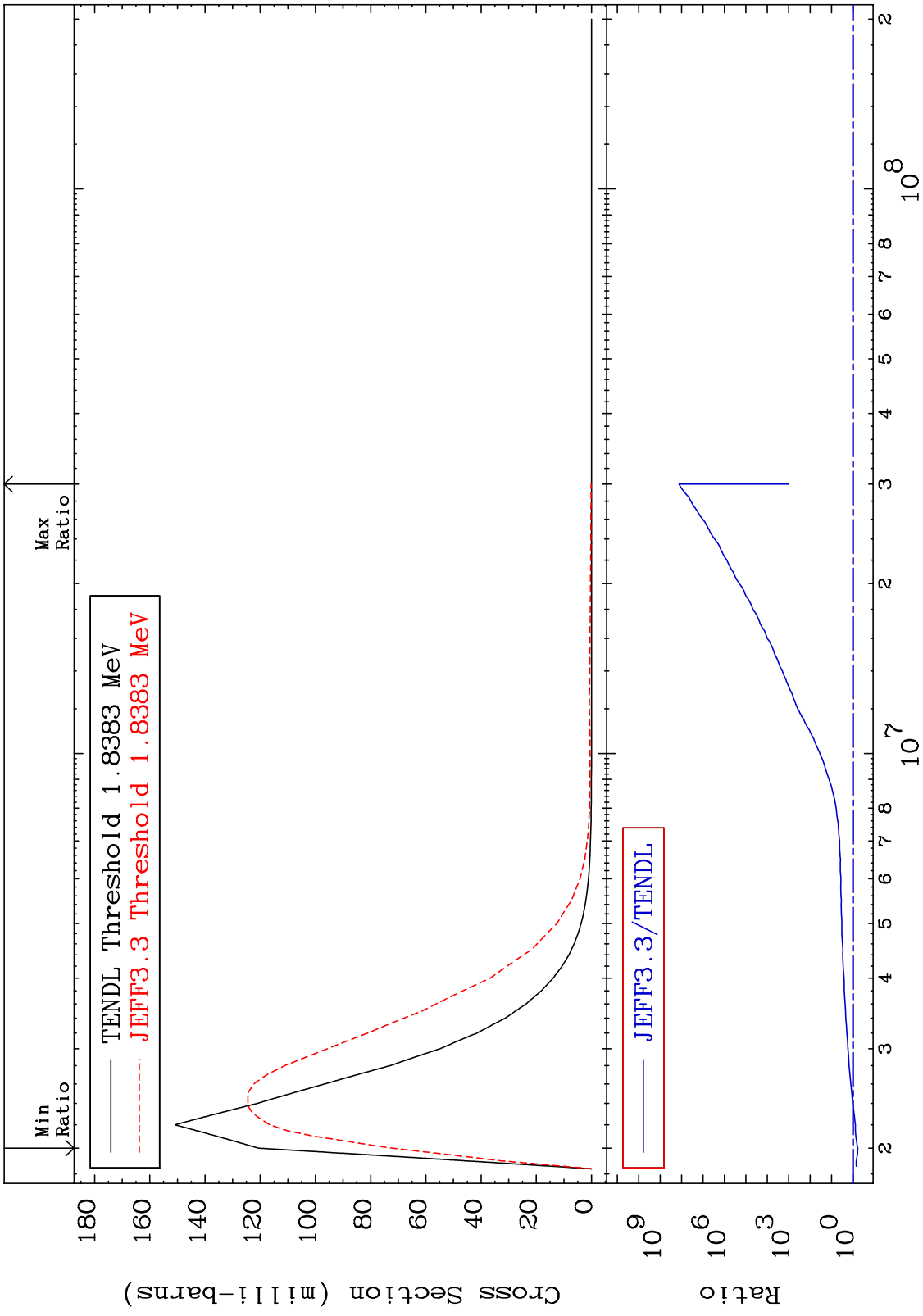
MAT 4631 MT= 55 (n,n') Level Cross Section 46-Pd-104
 -31.70 To 9999. %



MAT 4631 MT= 56 (n,n') Level Cross Section 46-Pd-104
 -96.08 To 89.35 %



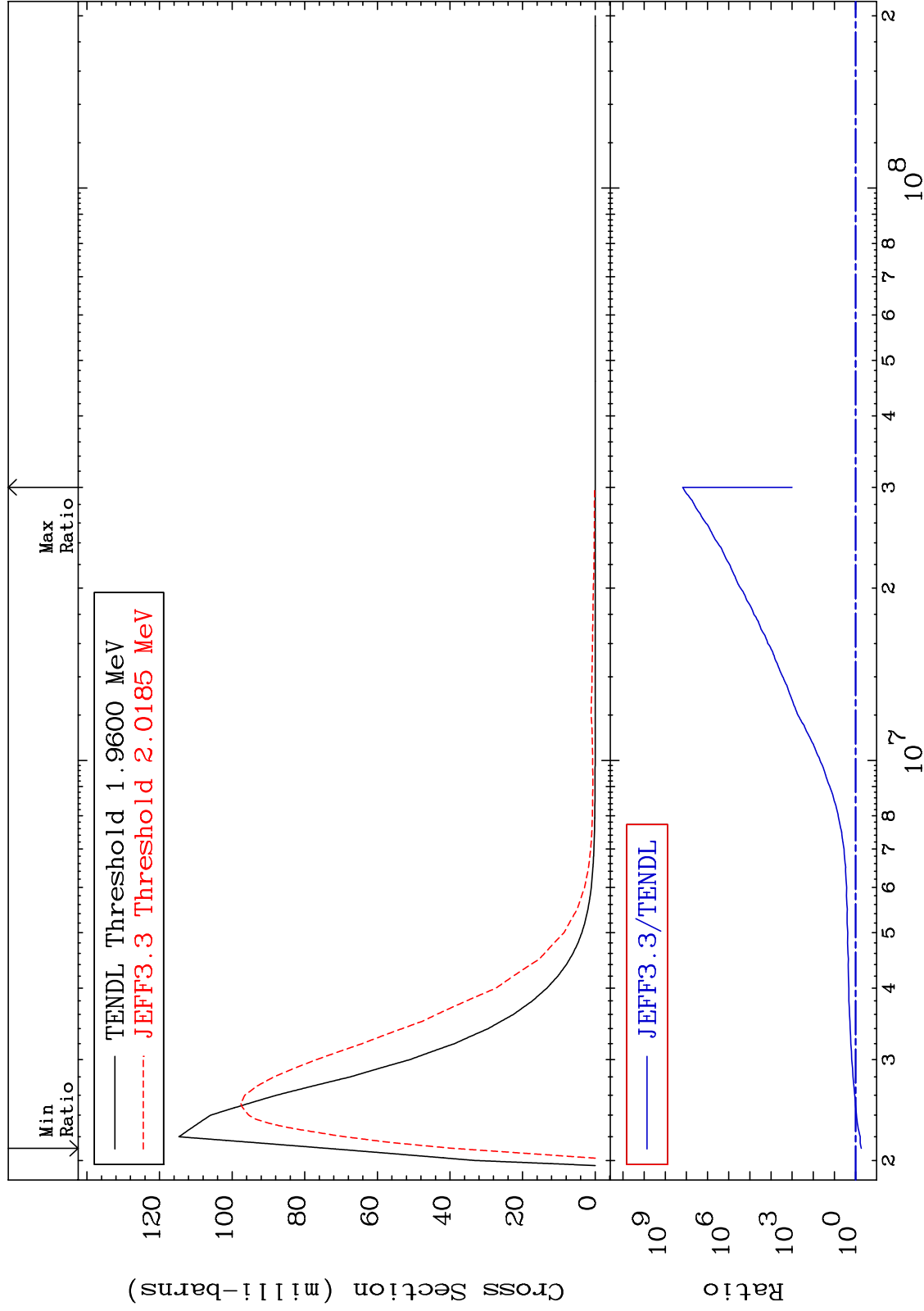
MAT 4631 MT= 57 (n,n') Level Cross Section 46-Pd-104
 -40.20 To 9999. %



MAT 4631

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

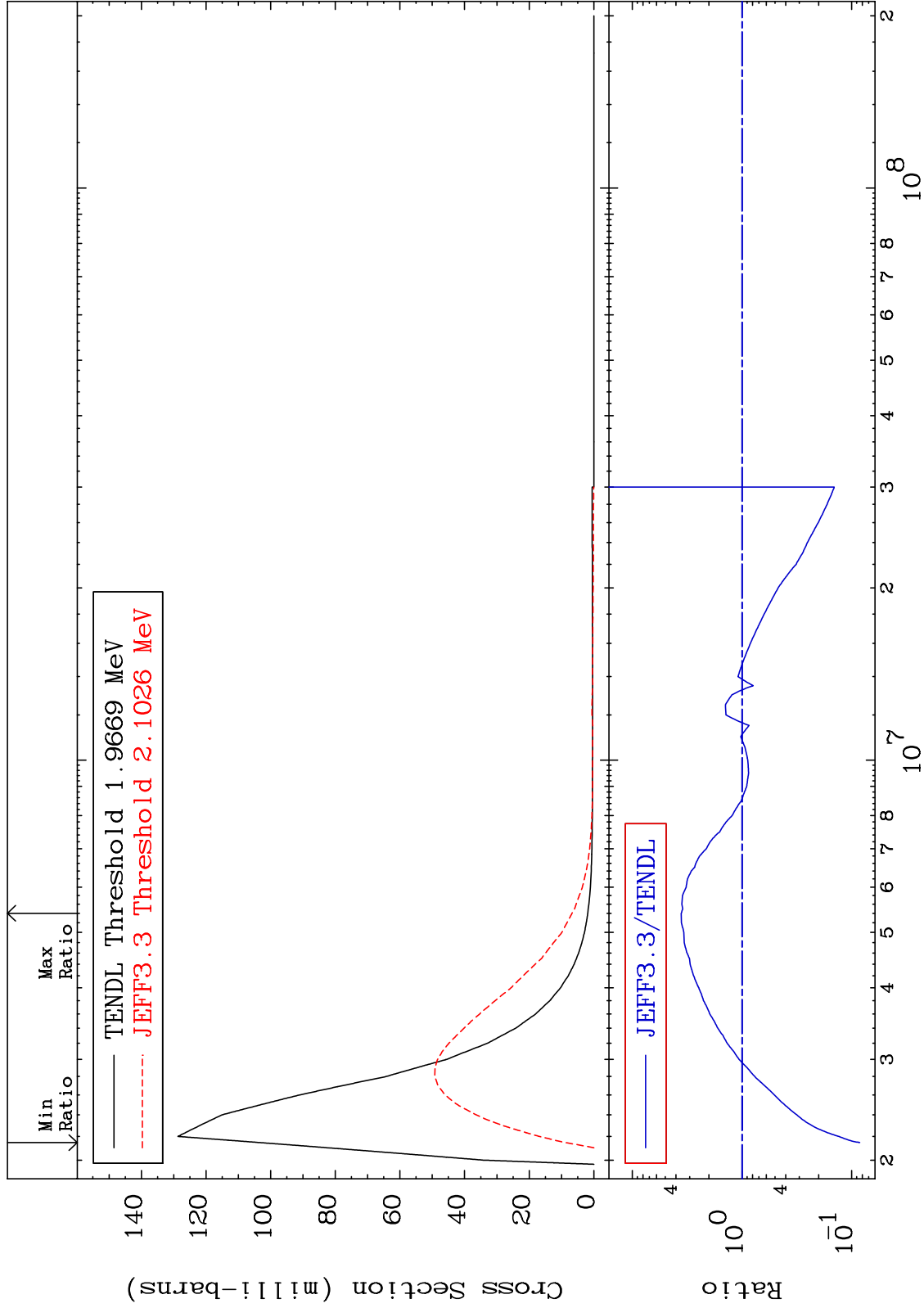
46-Pd-104
-46.89 To 9999. %



MAT 4631

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

46-Pd-104
-91.56 To 257.7 %



20

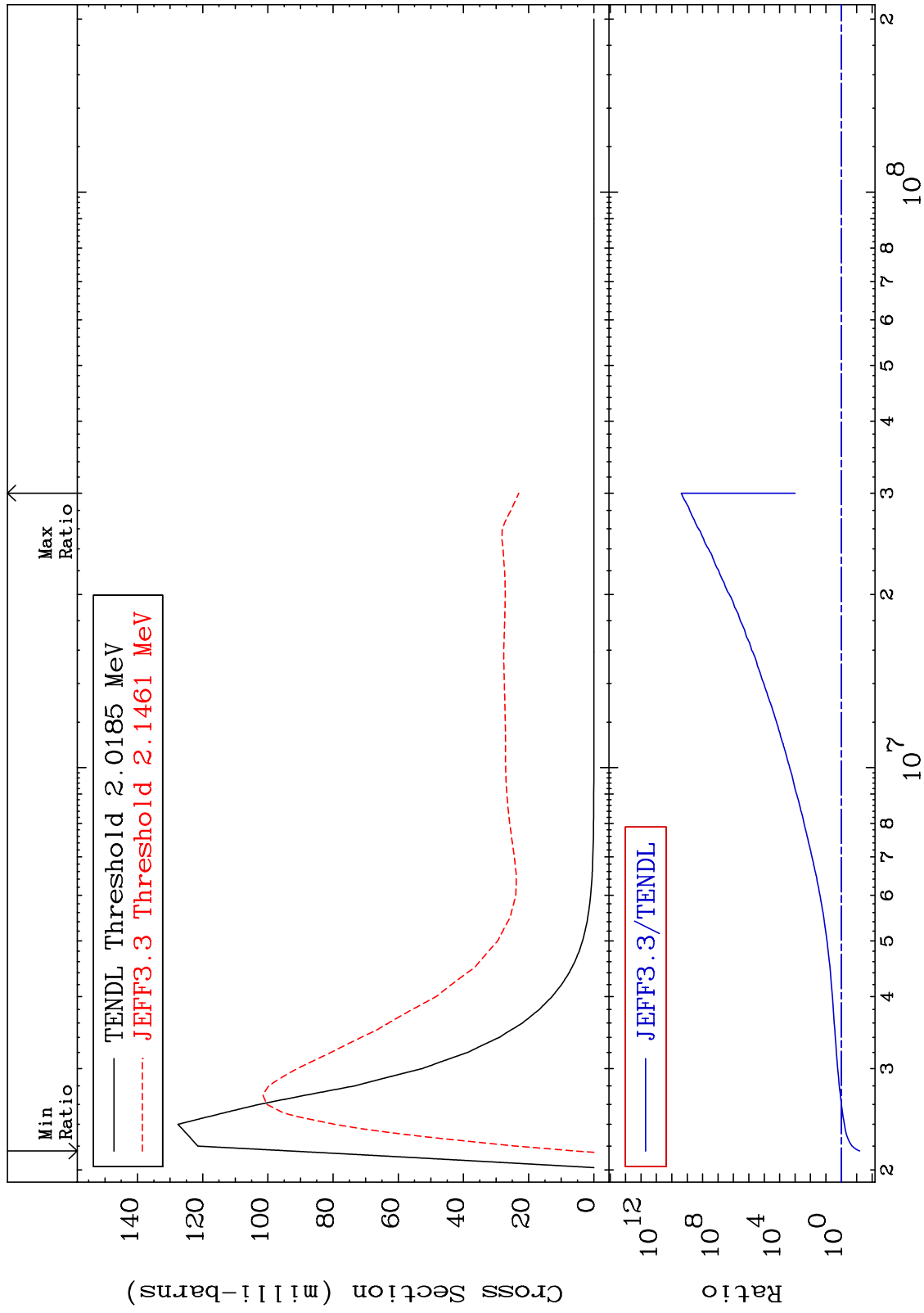
Incident Energy (eV)

46-Pd-104

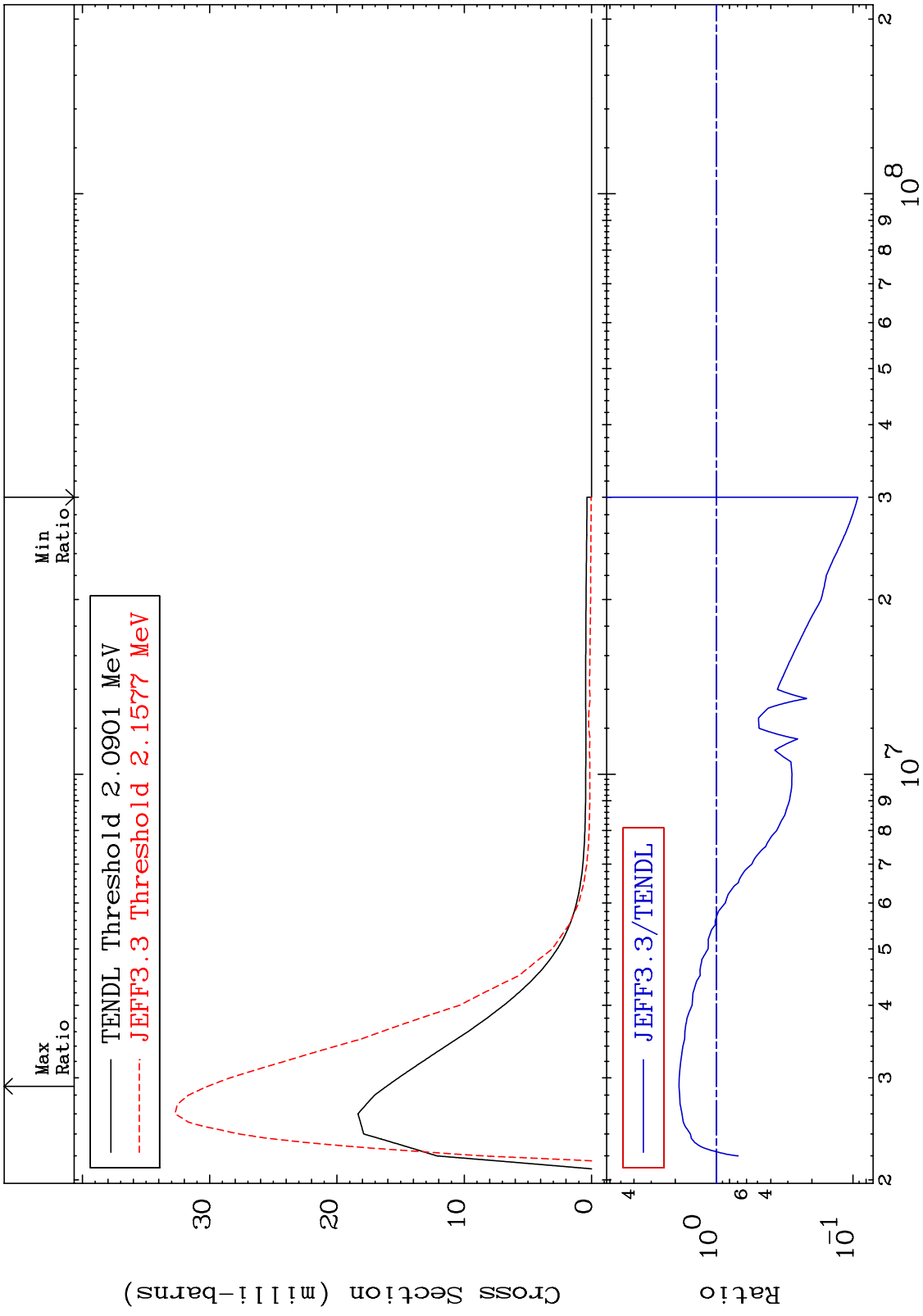
MAT 4631

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

46-Pd-104
-93.65 To 9999. %



MAT 4631 MT= 61 (n,n') Level Cross Section 46-Pd-104
 -90.79 To 87.36 %

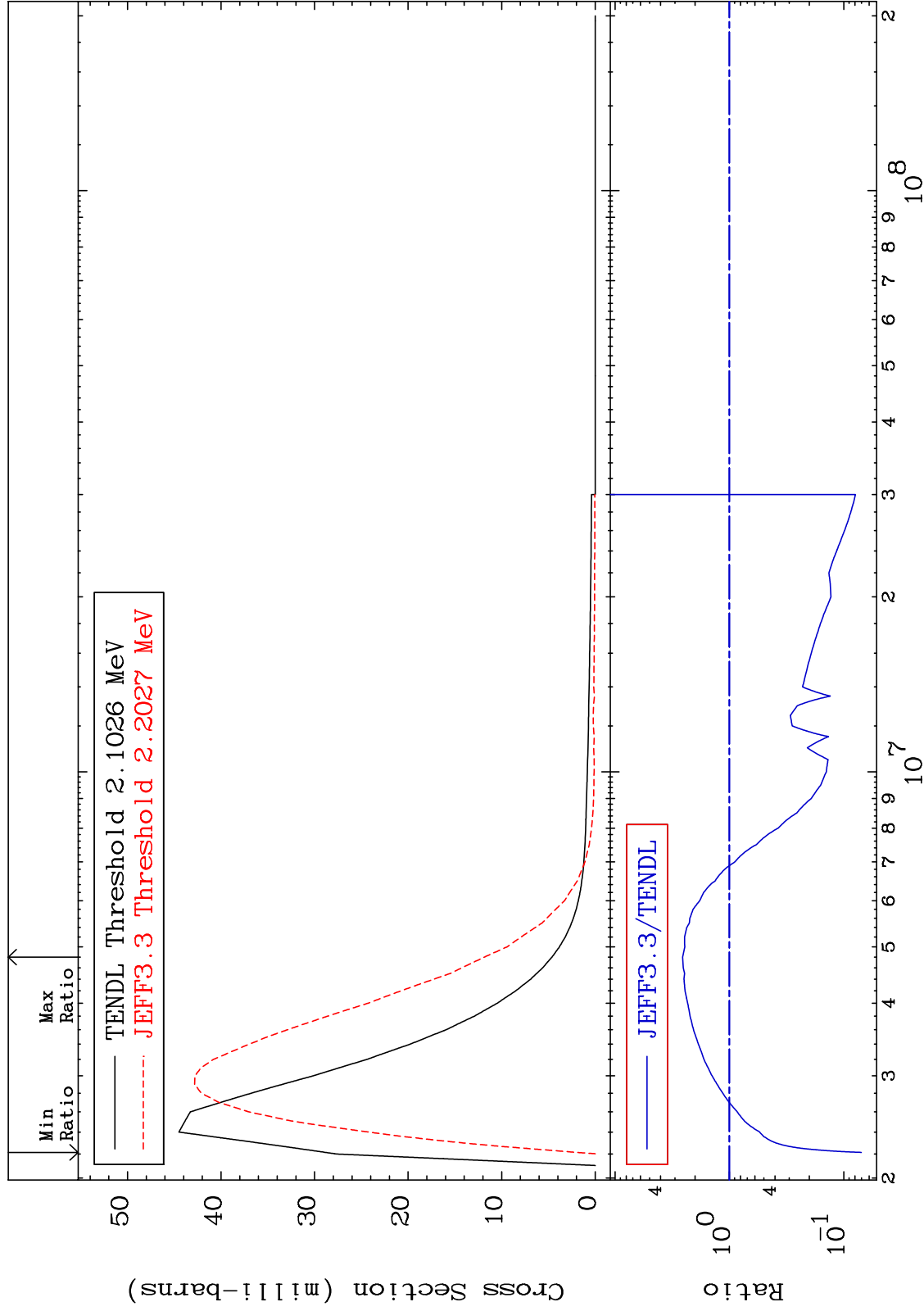


Incident Energy (eV) 46-Pd-104

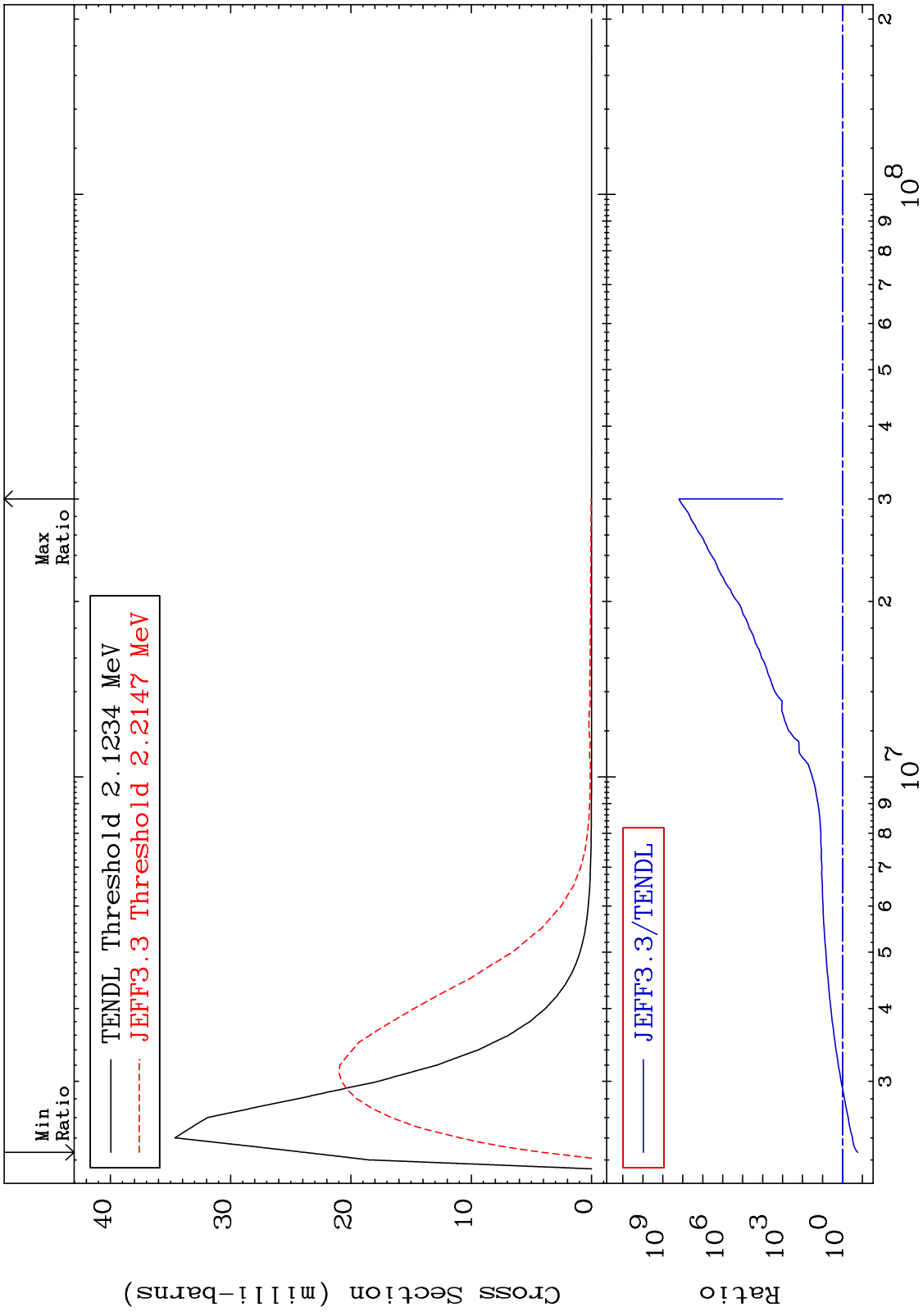
MAT 4631

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

46-Pd-104
-92.97 To 156.5 %



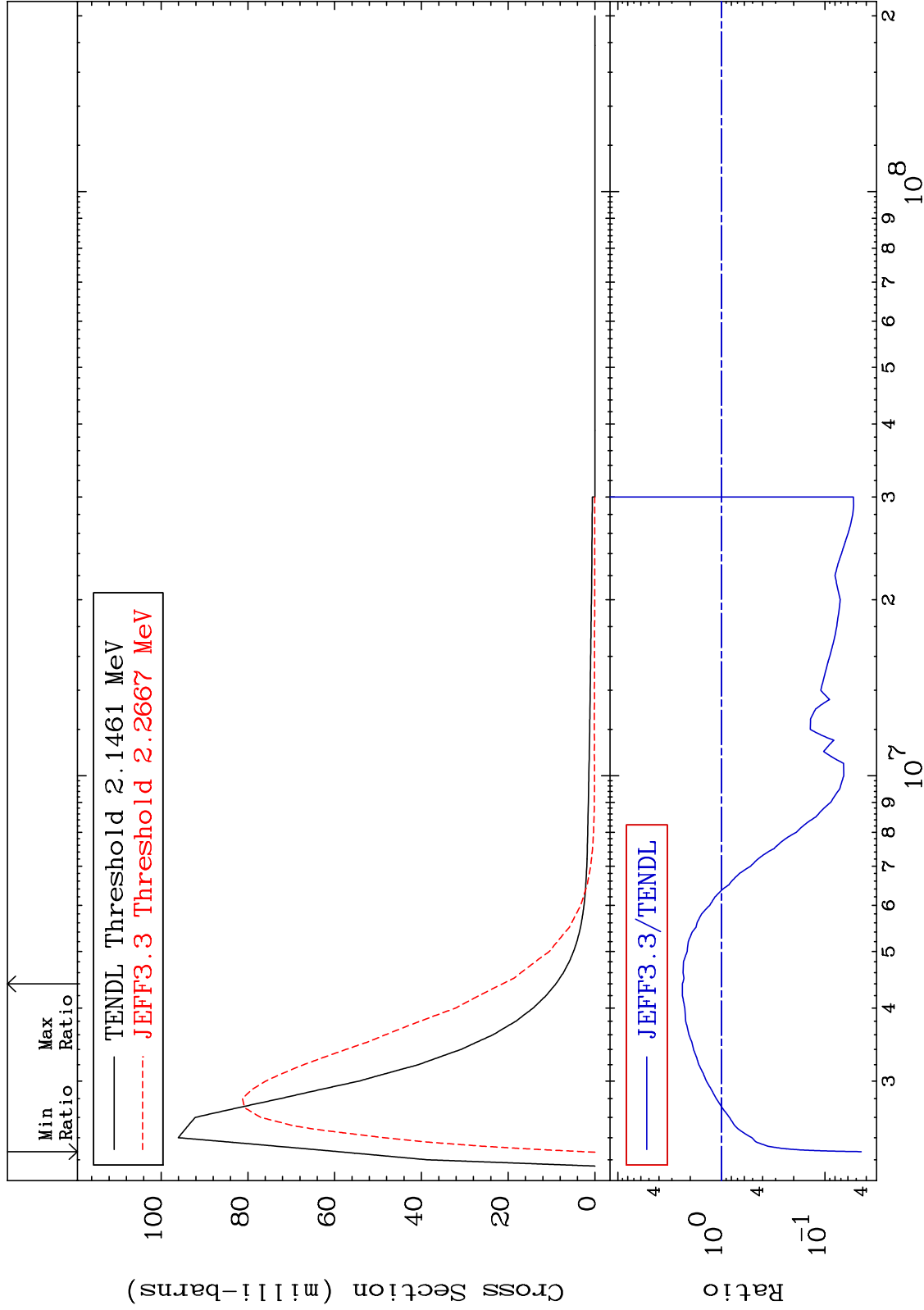
MAT 4631 MT= 63 (n,n') Level Cross Section 46-Pd-104
 -82.92 To 9999. %



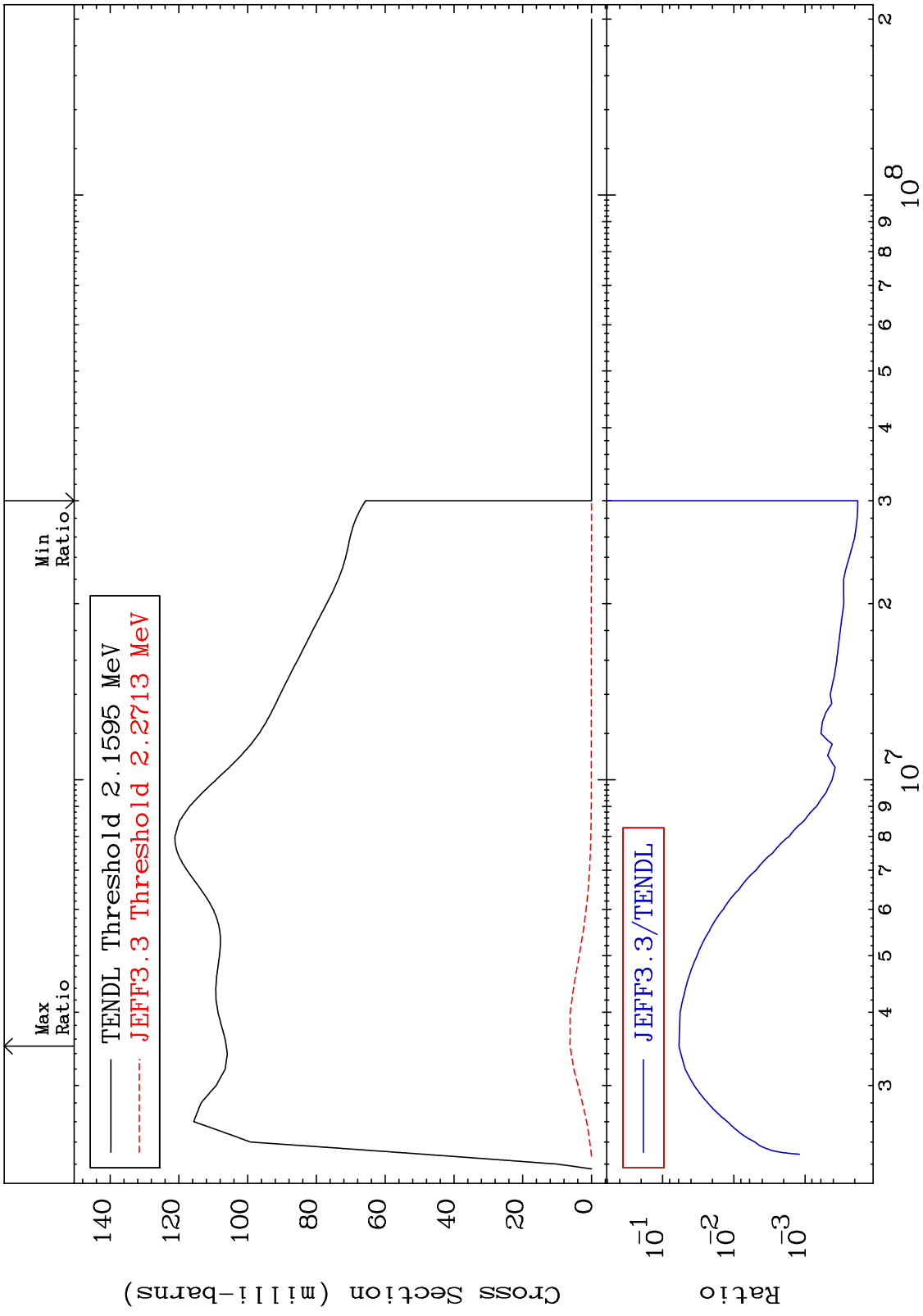
MAT 4631

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

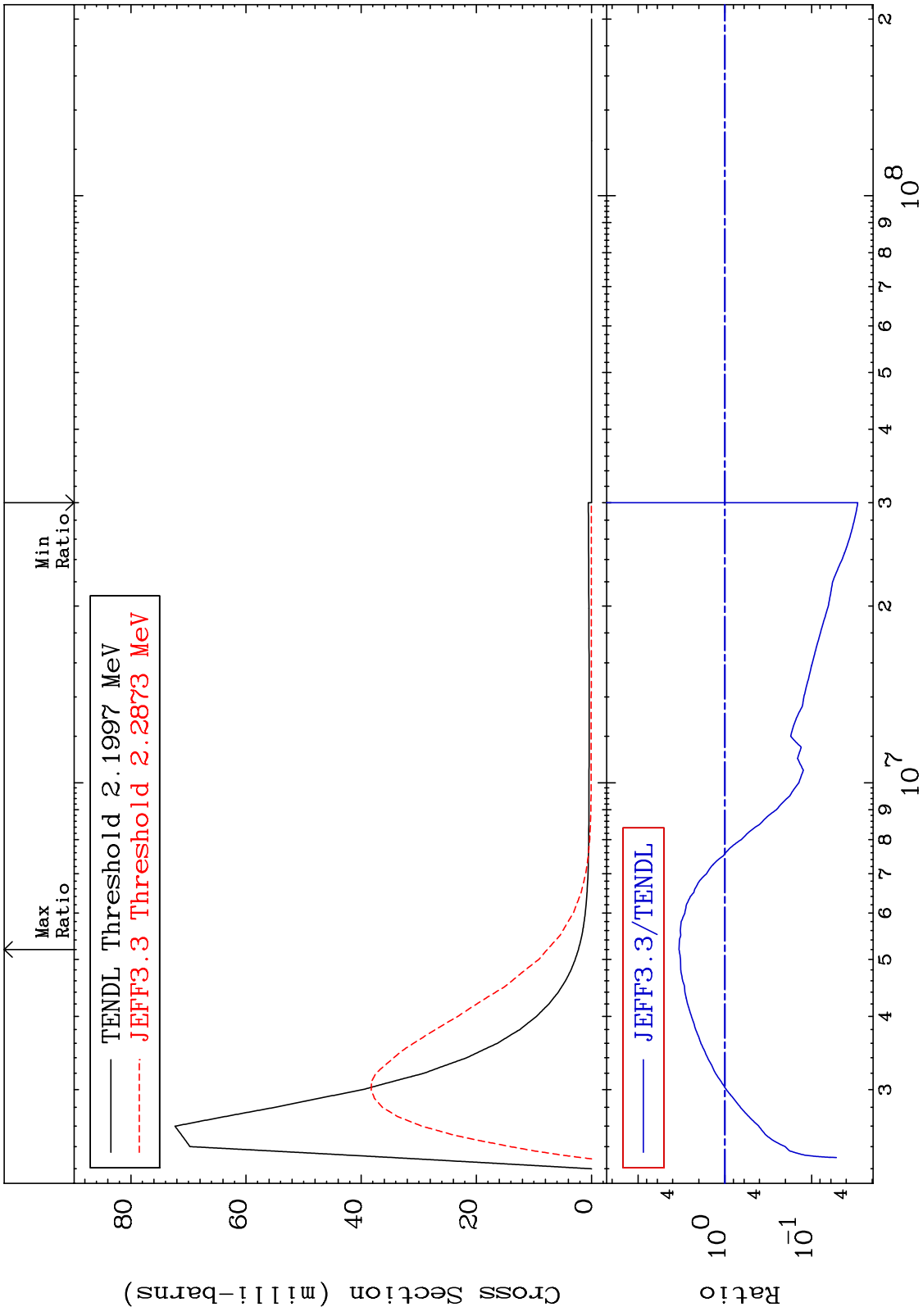
46-Pd-104
-95.54 To 137.5 %



MAT 4631 MT= 65 (n,n') Level Cross Section 46-Pd-104 -99.98 To -94.11%



MAT 4631 MT= 66 (n,n') Level Cross Section 46-Pd-104
 -97.07 To 237.8 %

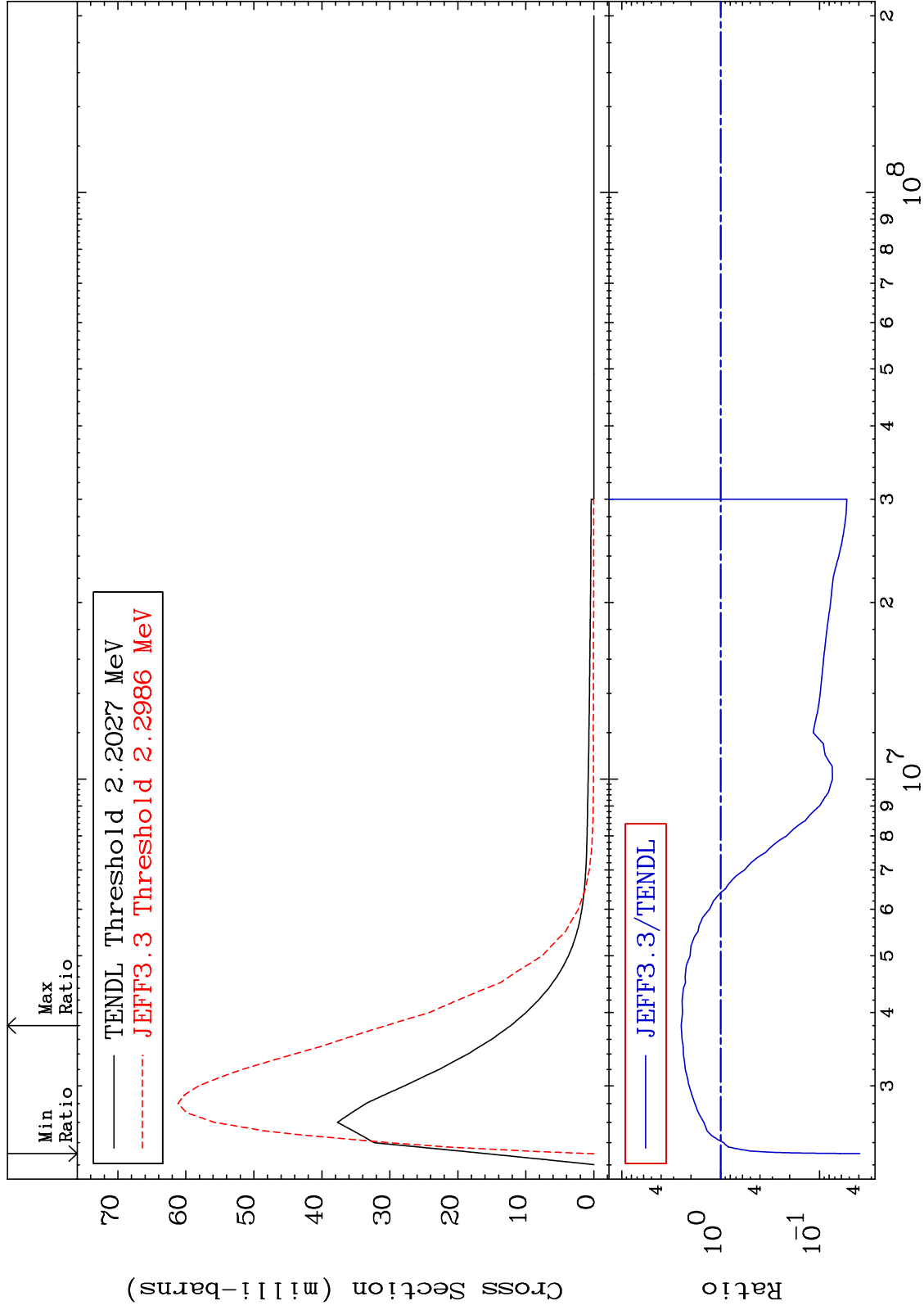


27 Incident Energy (eV) 46-Pd-104

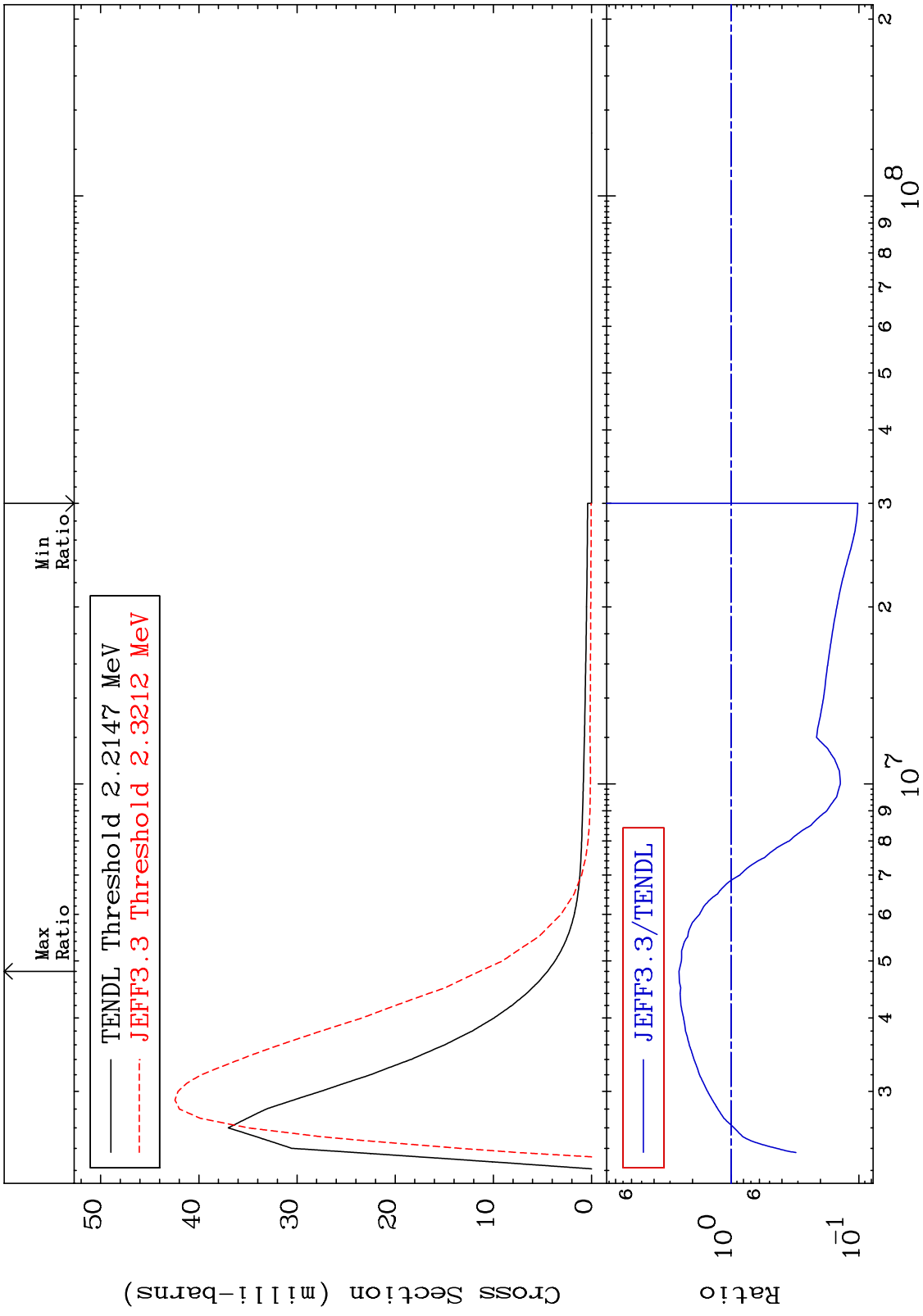
MAT 4631

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

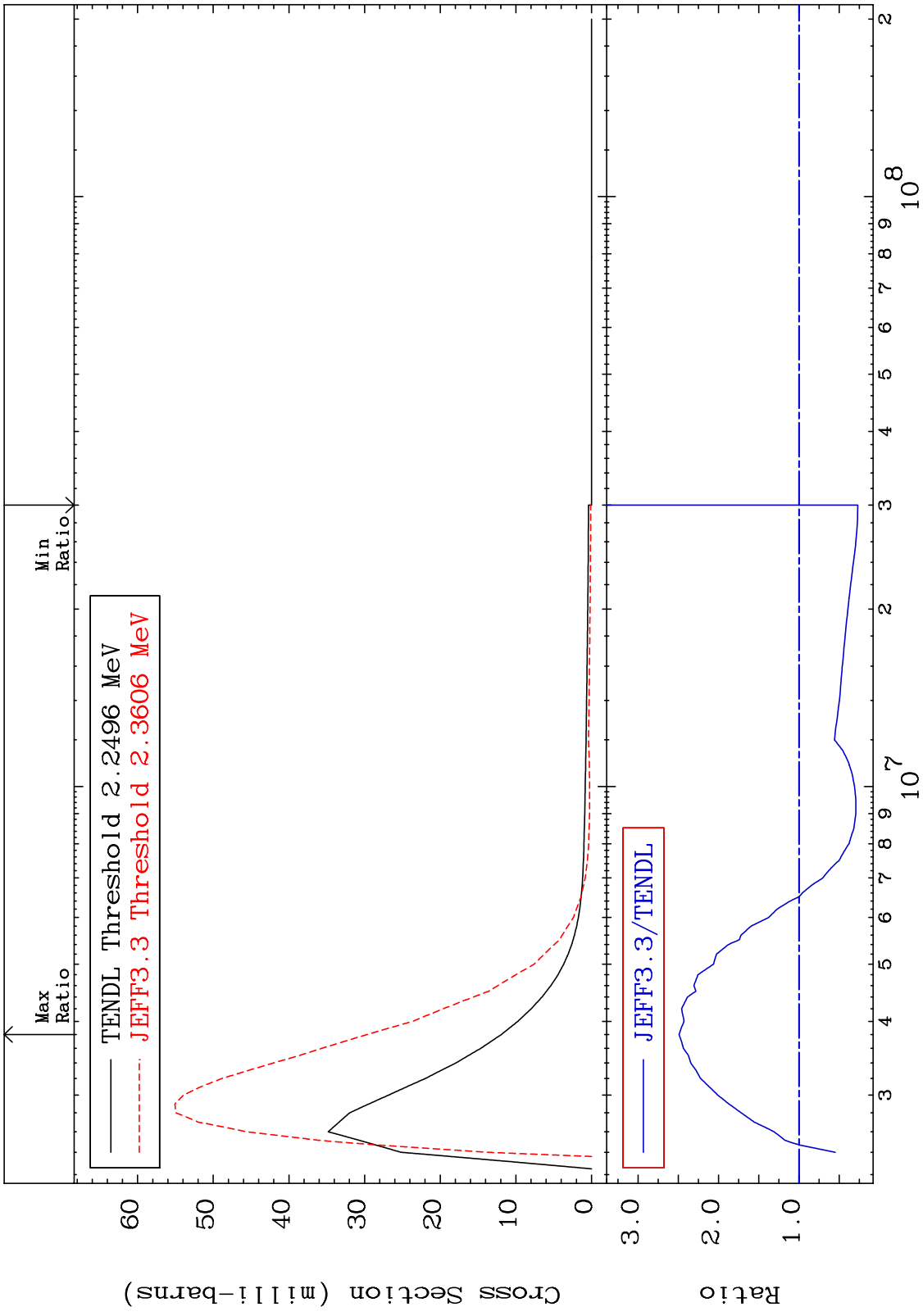
46-Pd-104
-96.08 To 150.4 %



MAT 4631 MT= 68 (n,n') Level Cross Section 46-Pd-104
 -89.79 To 154.9 %



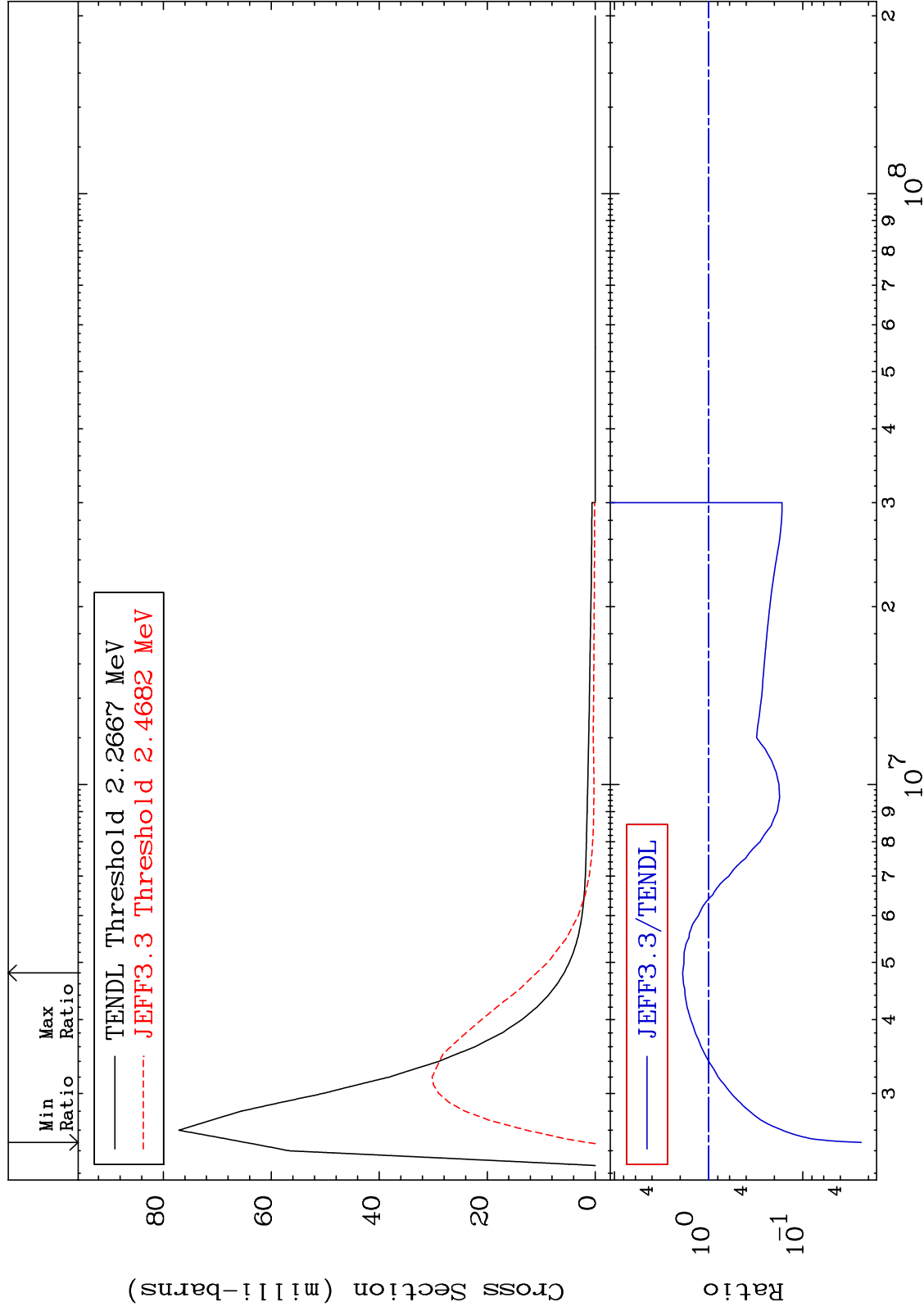
MAT 4631 MT= 69 (n,n') Level Cross Section 46-Pd-104
 -73.06 To 149.1 %



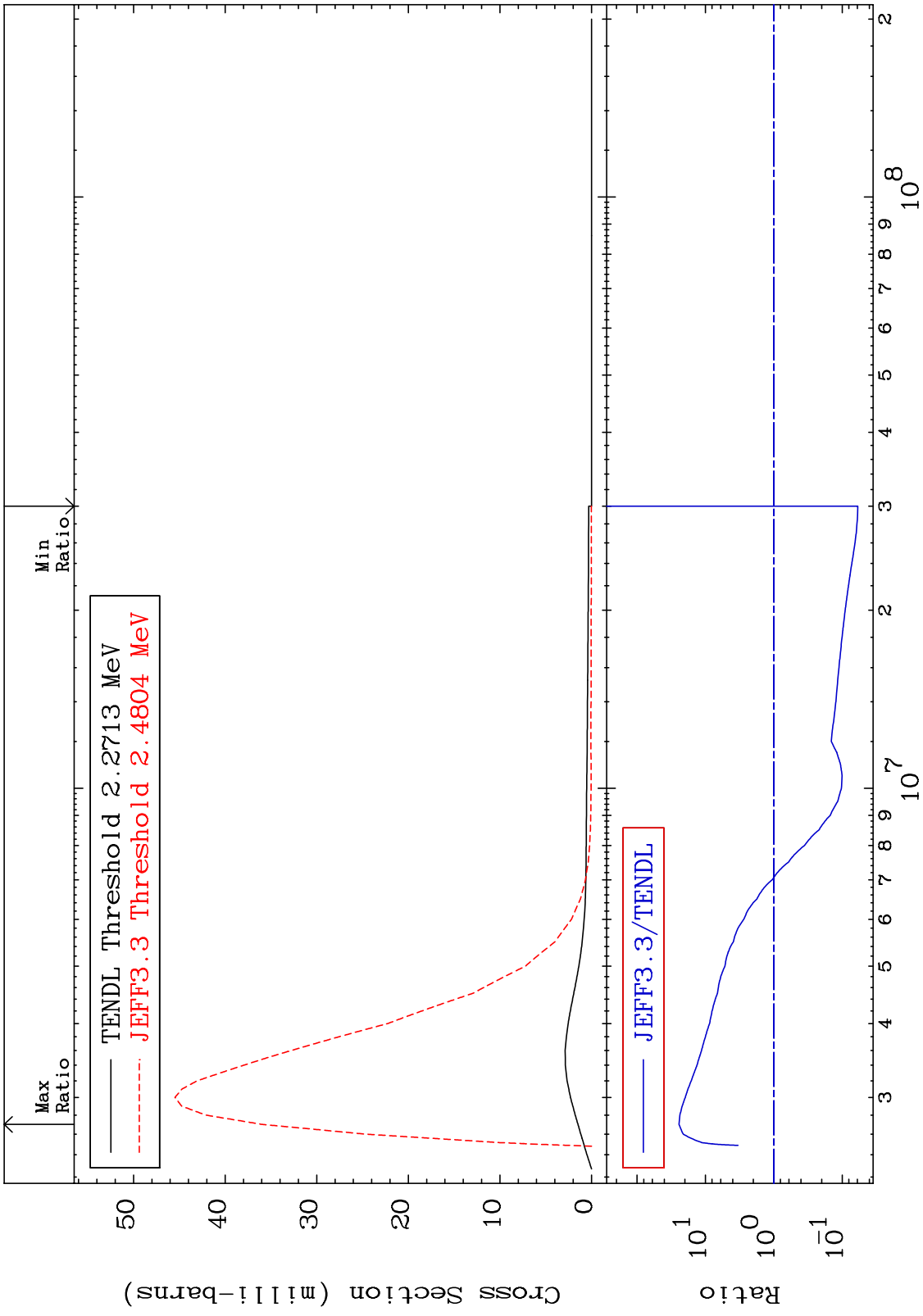
MAT 4631

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

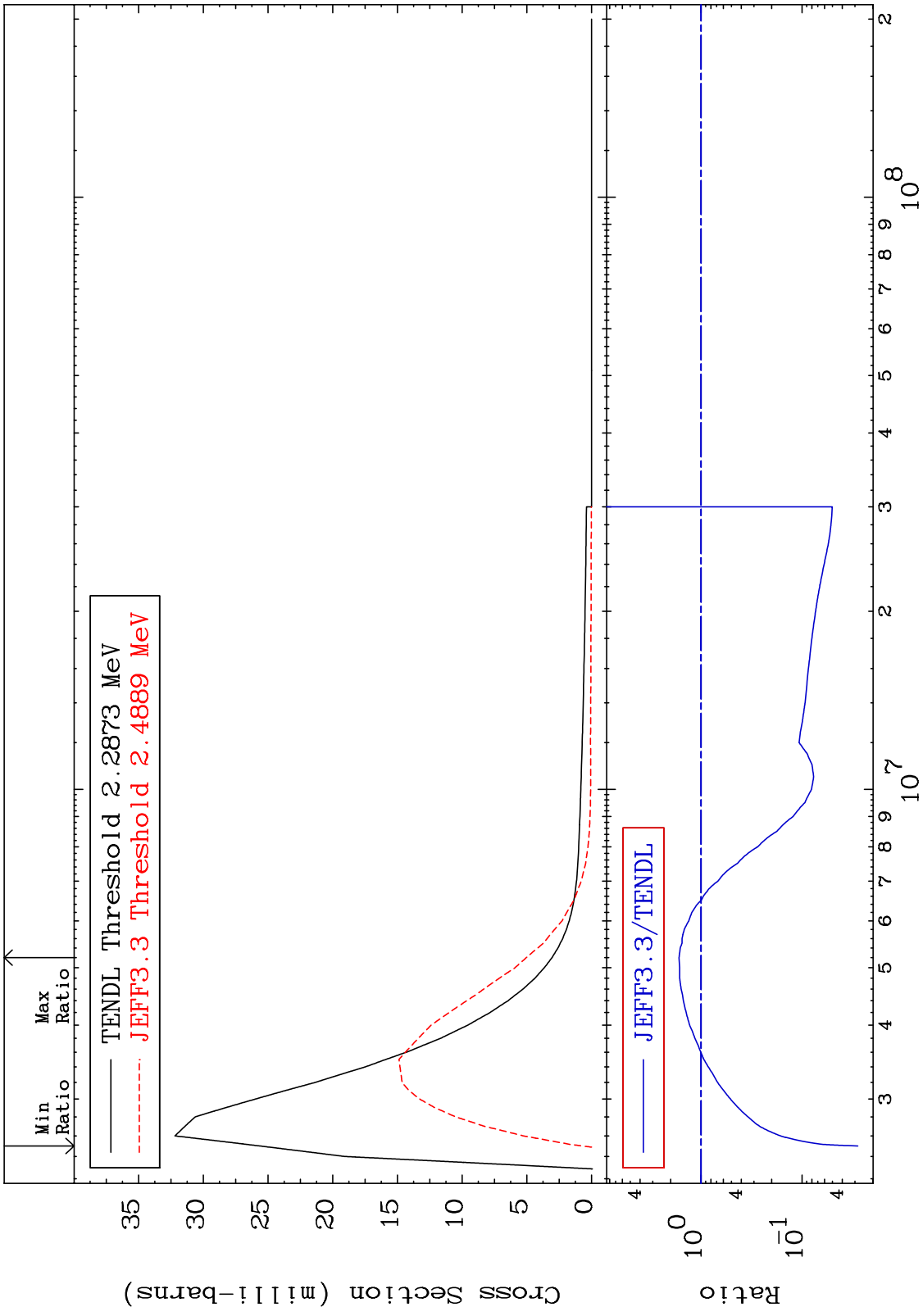
46-Pd-104
-97.61 To 88.74 %



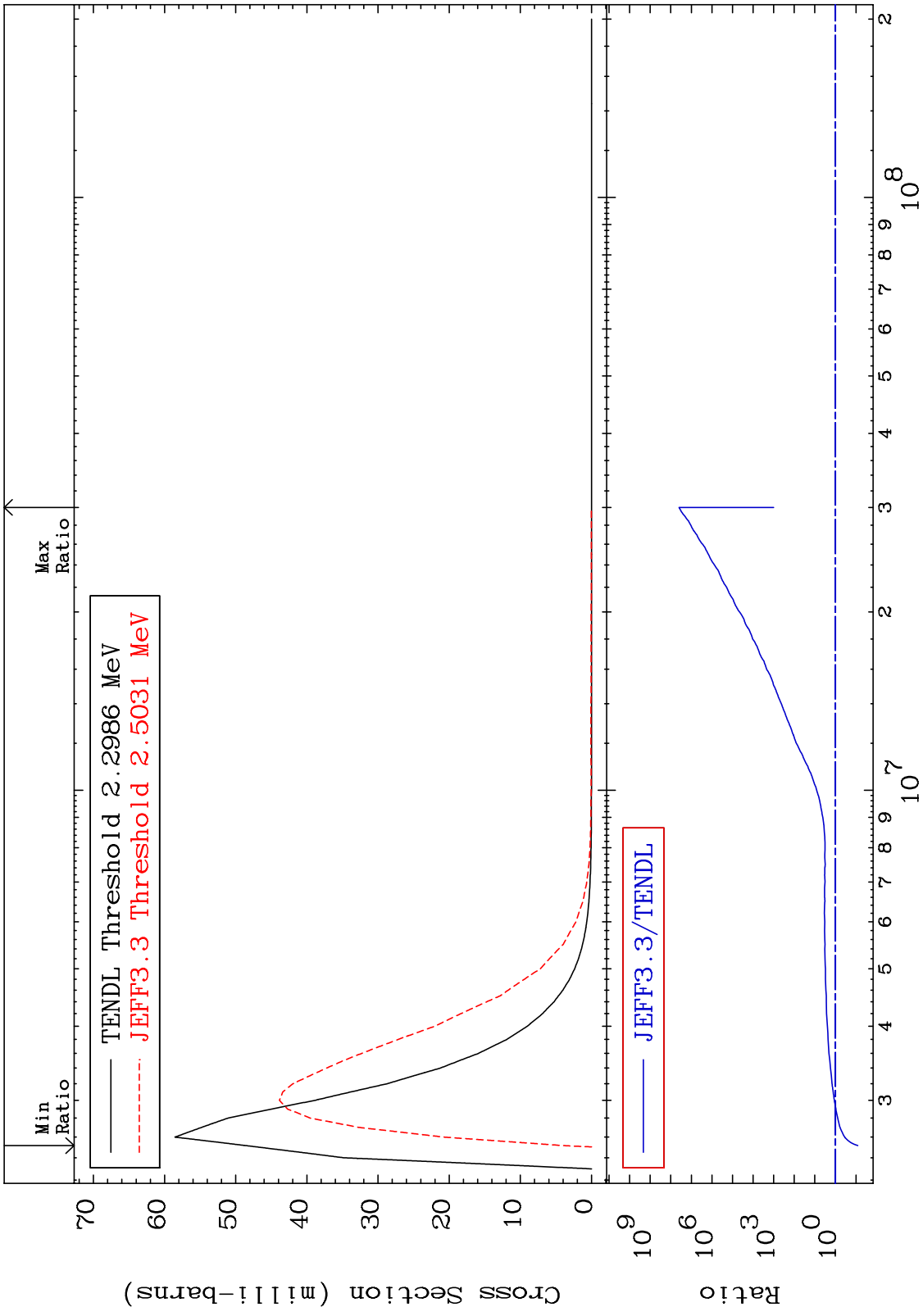
MAT 4631 MT= 71 (n,n') Level Cross Section 46-Pd-104
 -94.10 To 2335. %



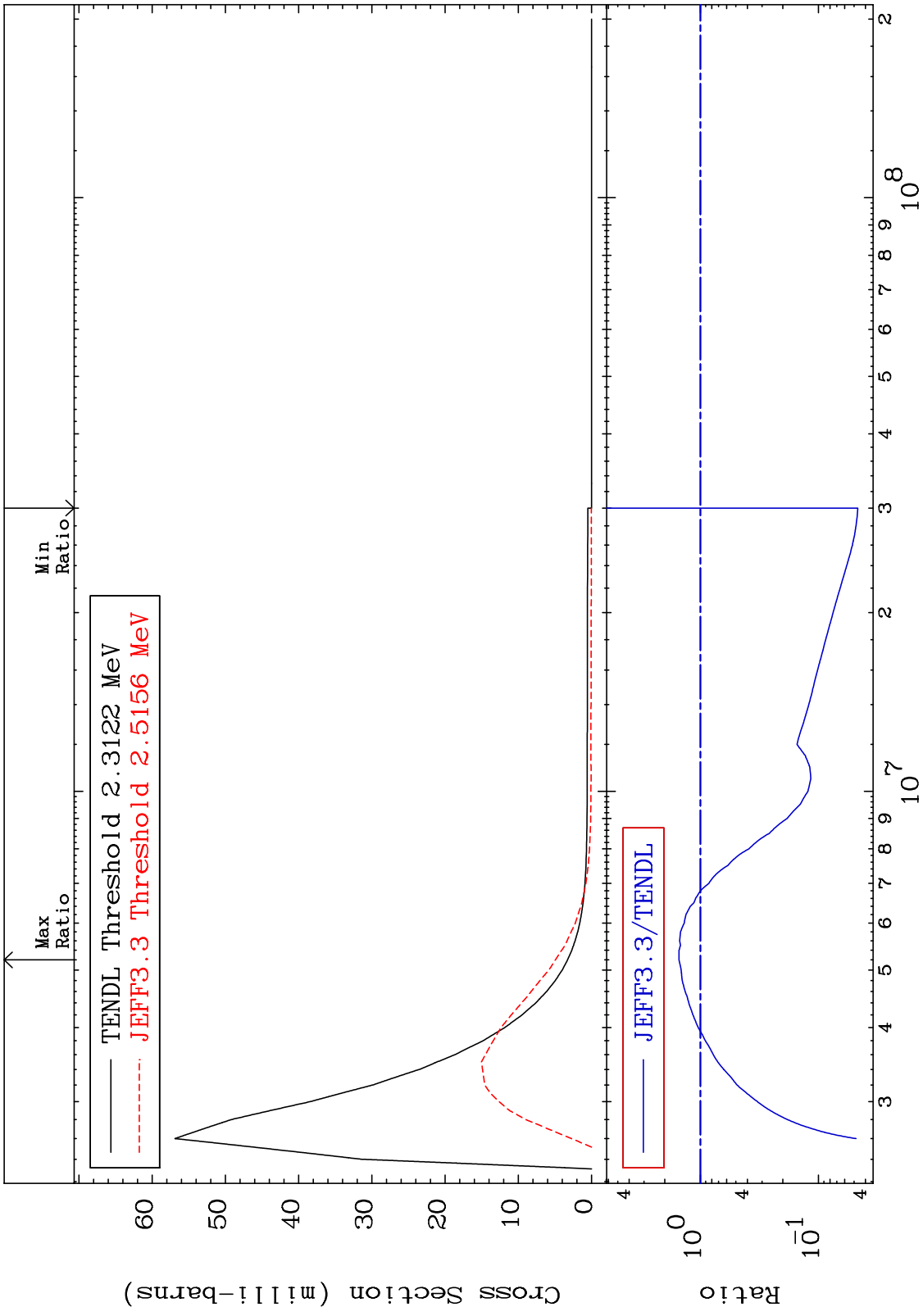
MAT 4631 MT= 72 (n,n') Level Cross Section 46-Pd-104
 -97.19 To 64.89 %



MAT 4631 MT= 73 (n,n') Level Cross Section 46-Pd-104
 -91.89 To 9999. %



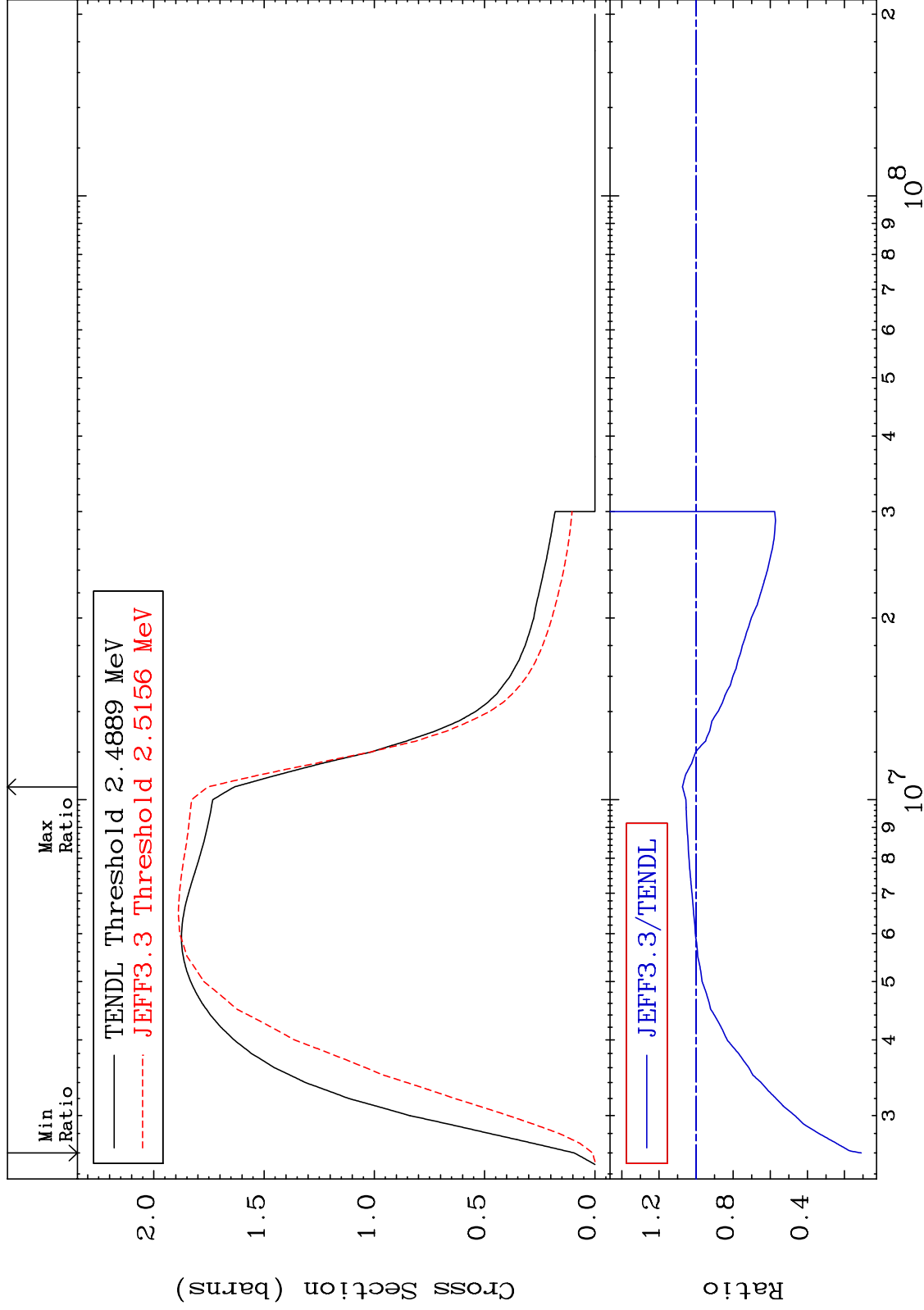
MAT 4631 MT= 74 (n,n') Level Cross Section 46-Pd-104
 -95.36 To 51.42 %



MAT 4631

(n,n') Continuum
Cross Section

46-Pd-104
-89.04 To 7.341 %



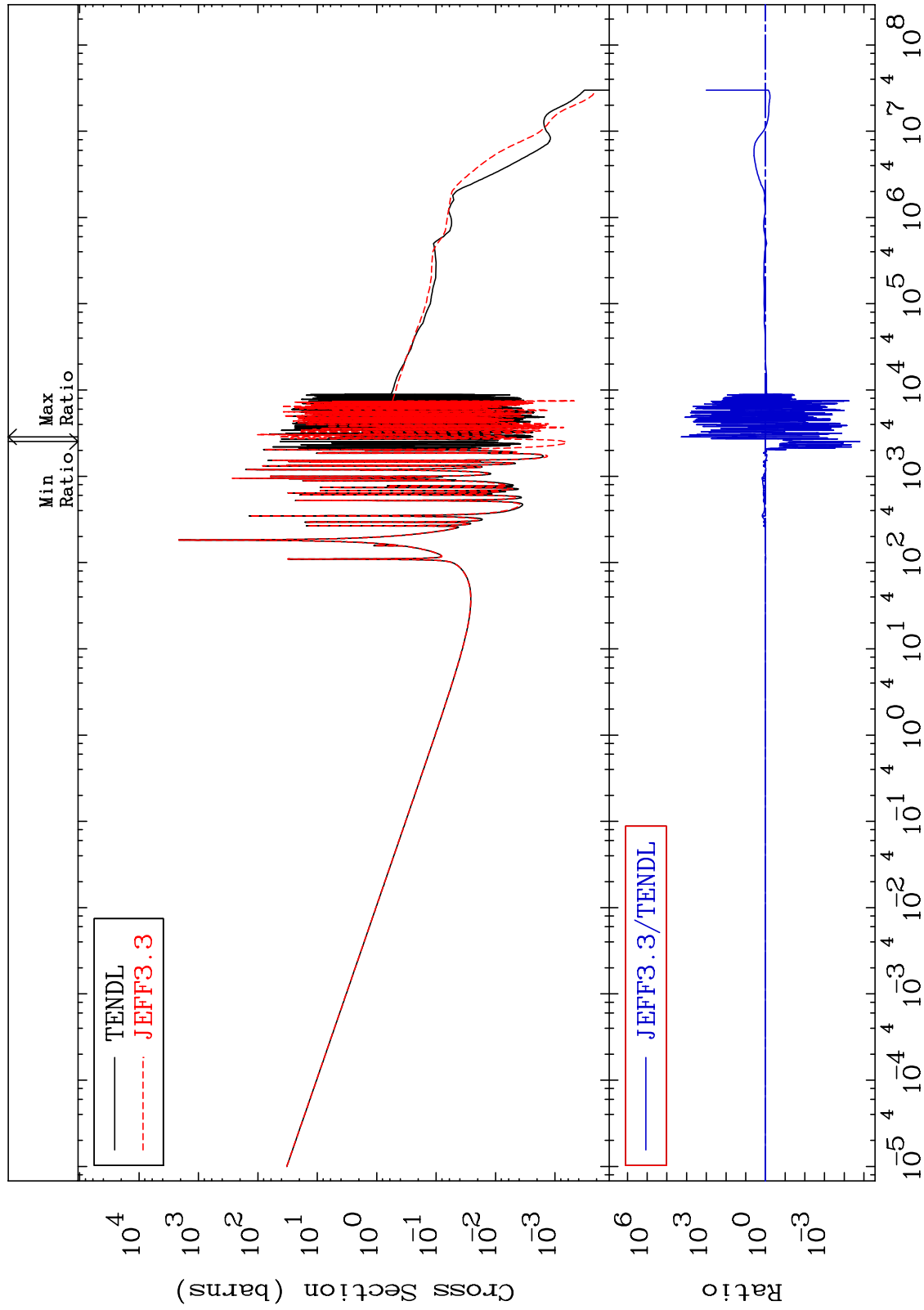
MAT 4631

(n, γ)

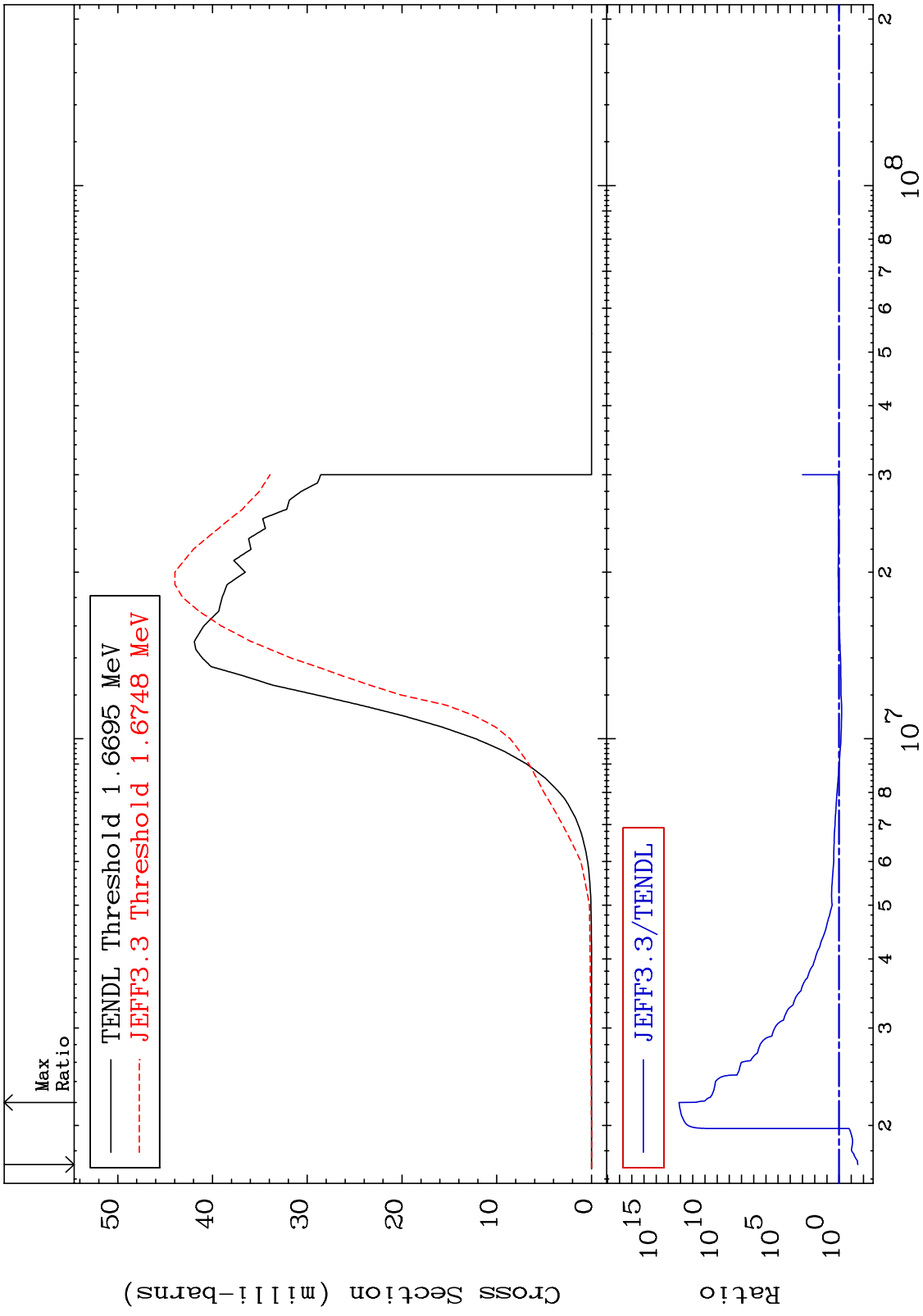
46-Pd-104

-100.0 To 9999. %

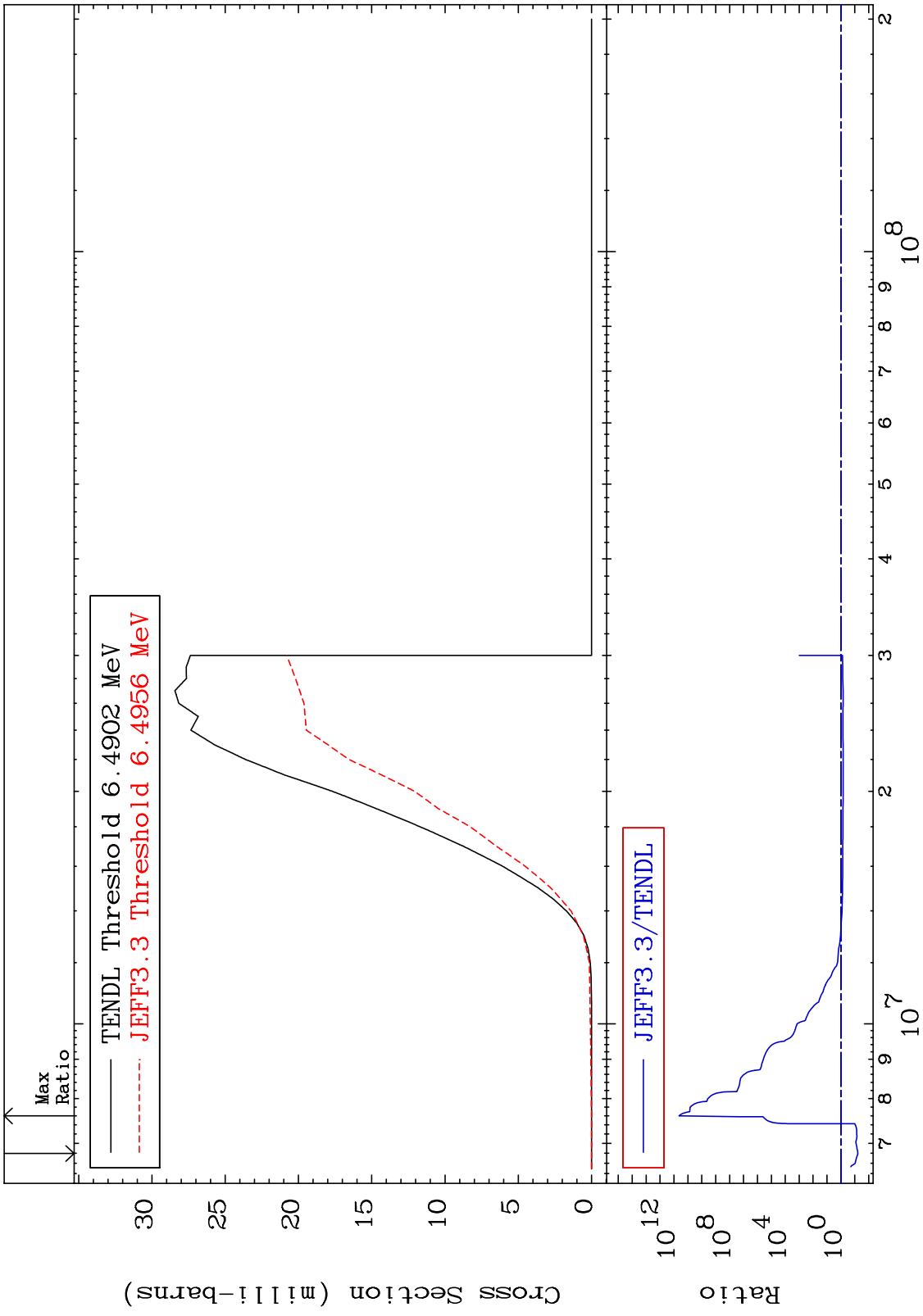
Cross Section



MAT 4631 (n,p) Cross Section 46-Pd-104 -97.11 To 9999. %



MAT 4631 (n,d) 46-Pd-104
 Cross Section -93.94 To 9999. %

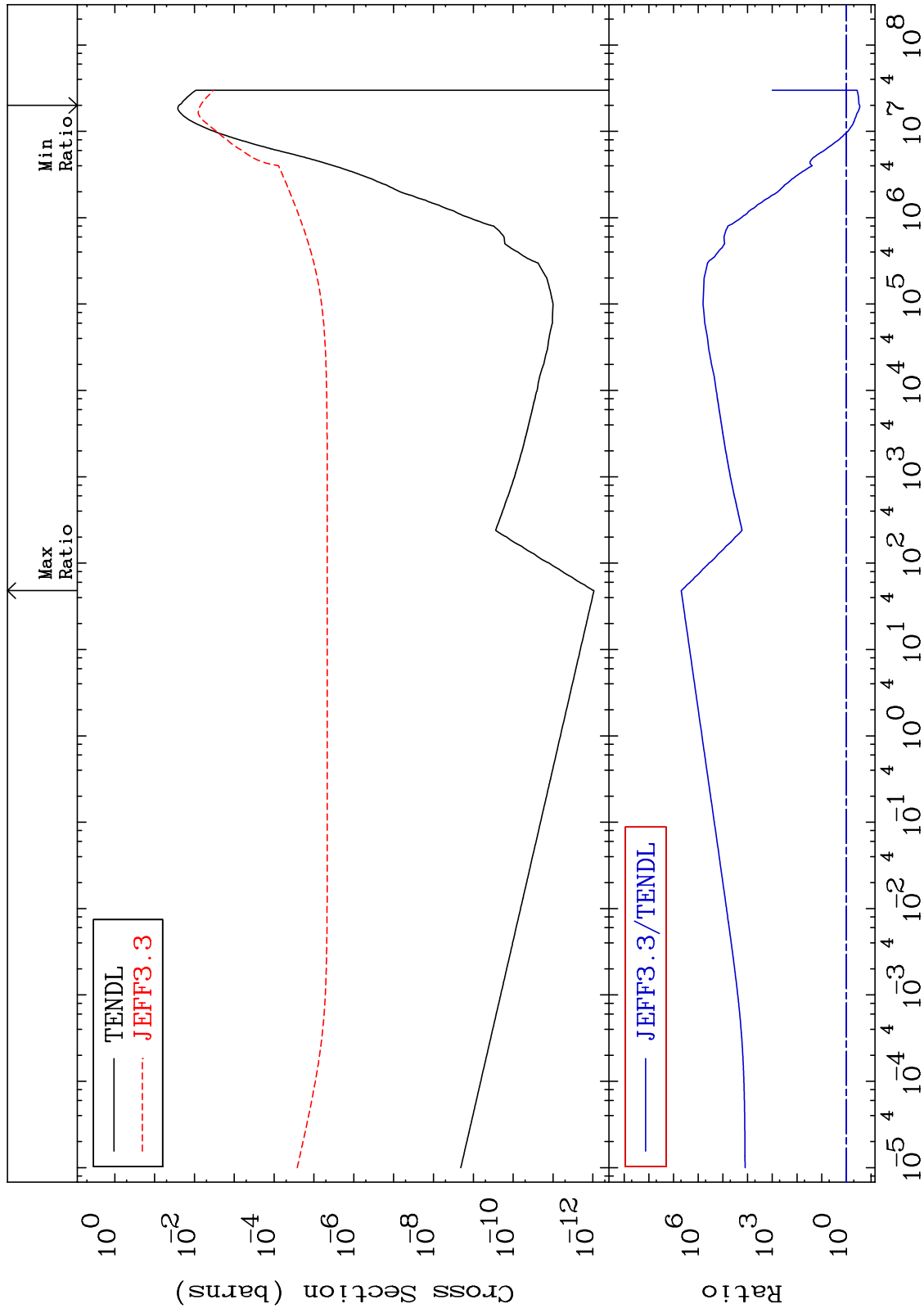


MAT 4631

(n, α)

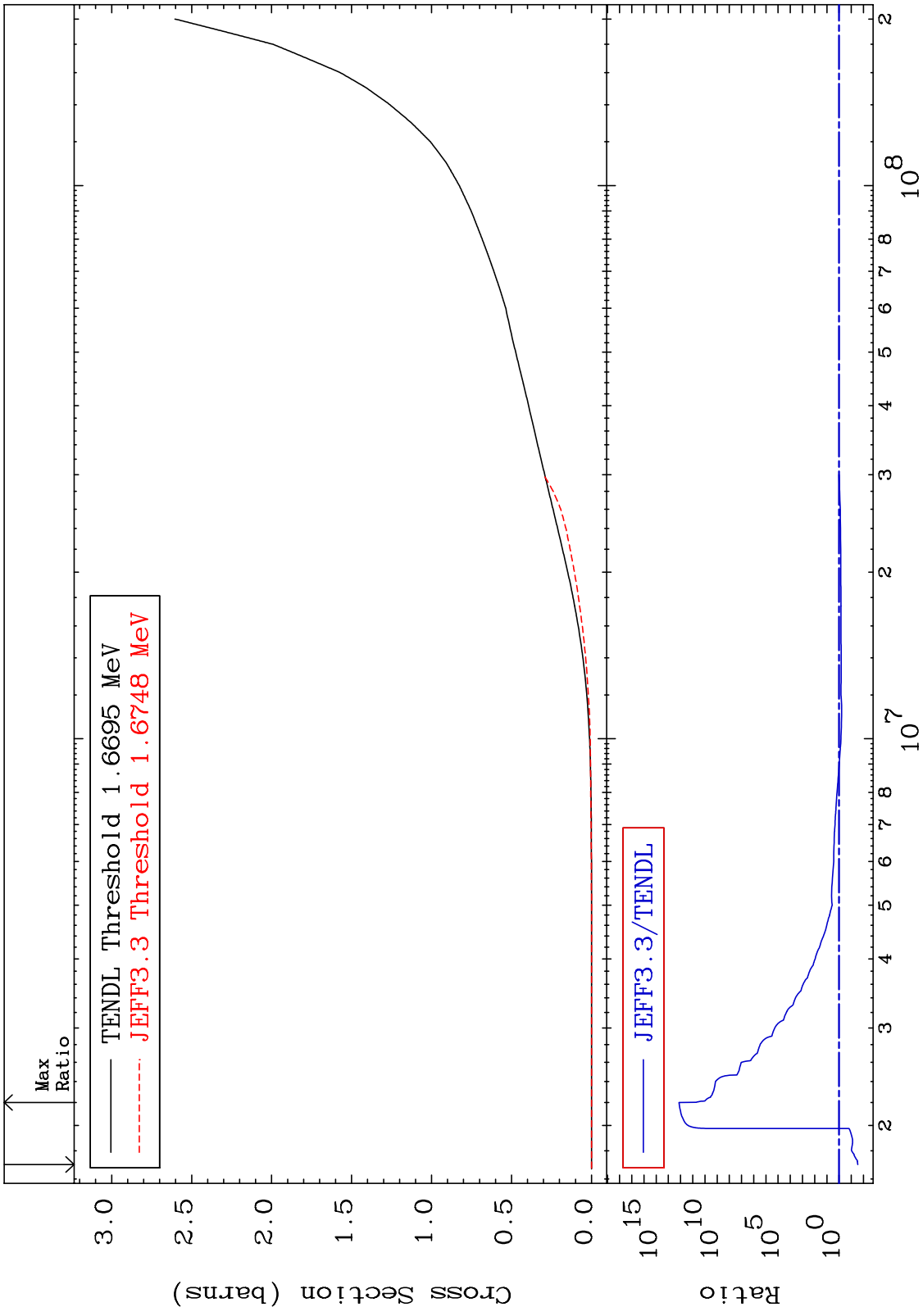
46-Pd-104

-71.50 To 9999. %



40

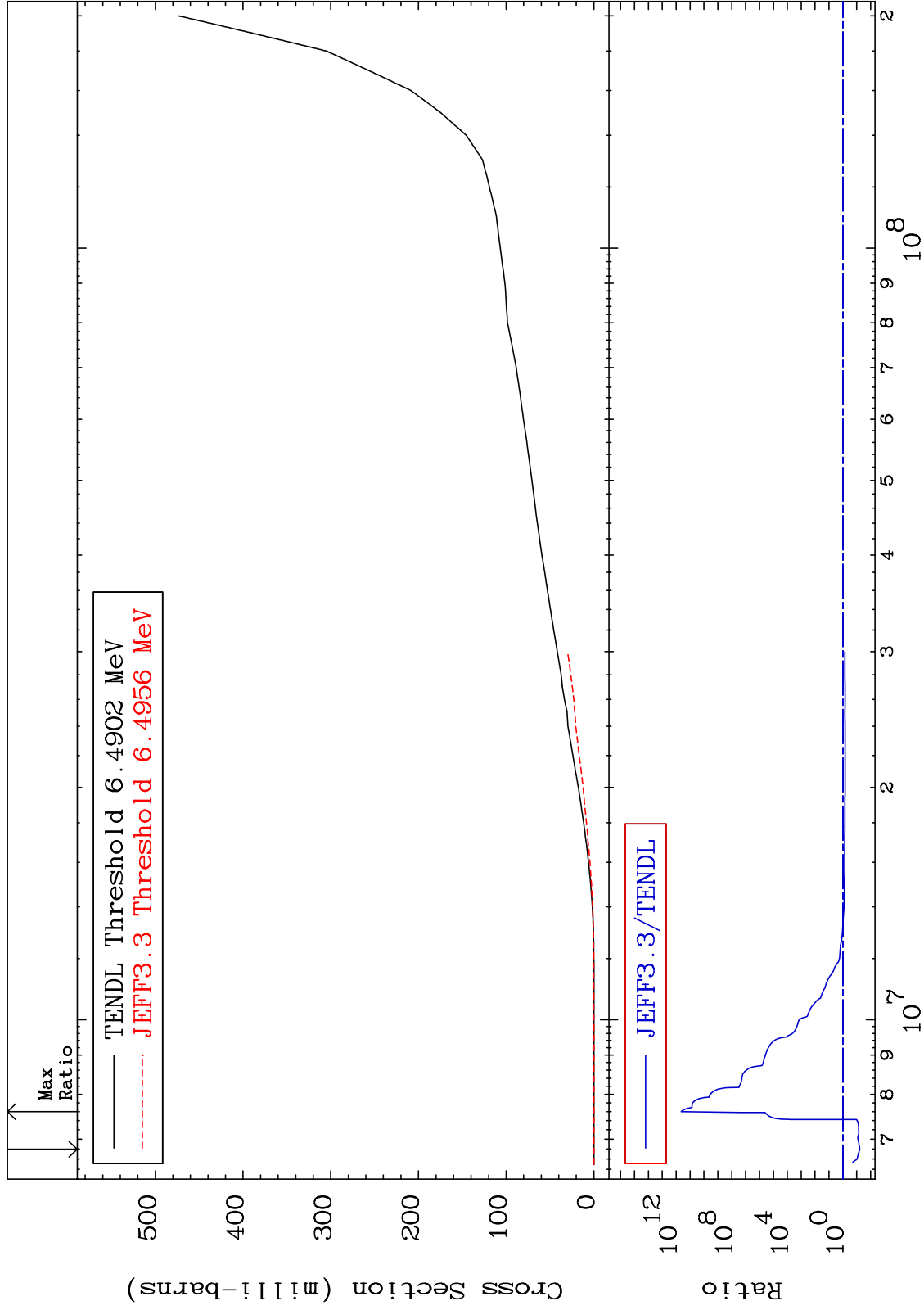
46-Pd-104



MAT 4631

Deuterium Production
Cross Section

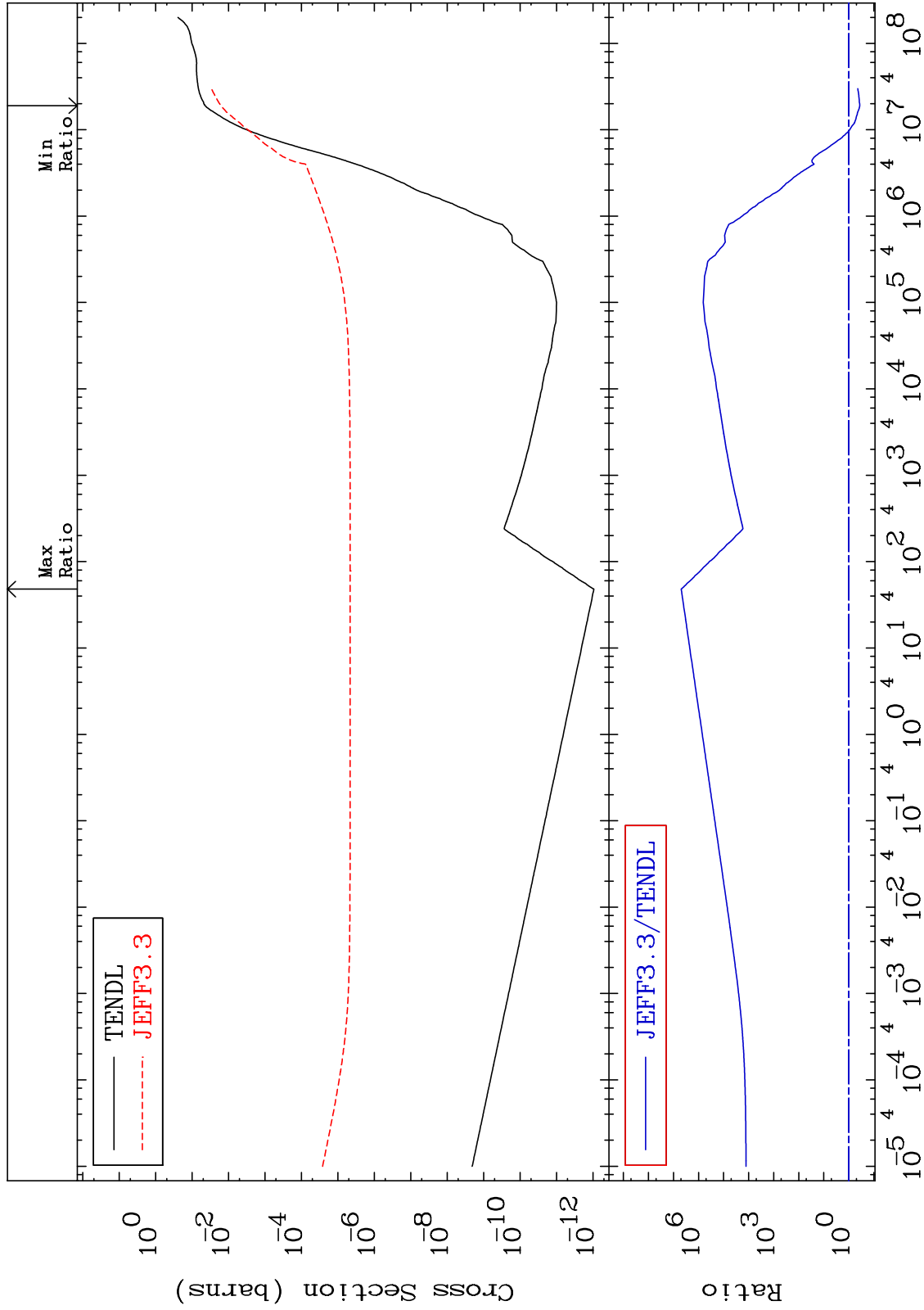
46-Pd-104
-93.94 To 9999. %



MAT 4631

He-4 Production
Cross Section

46-Pd-104
-63.46 To 9999. %

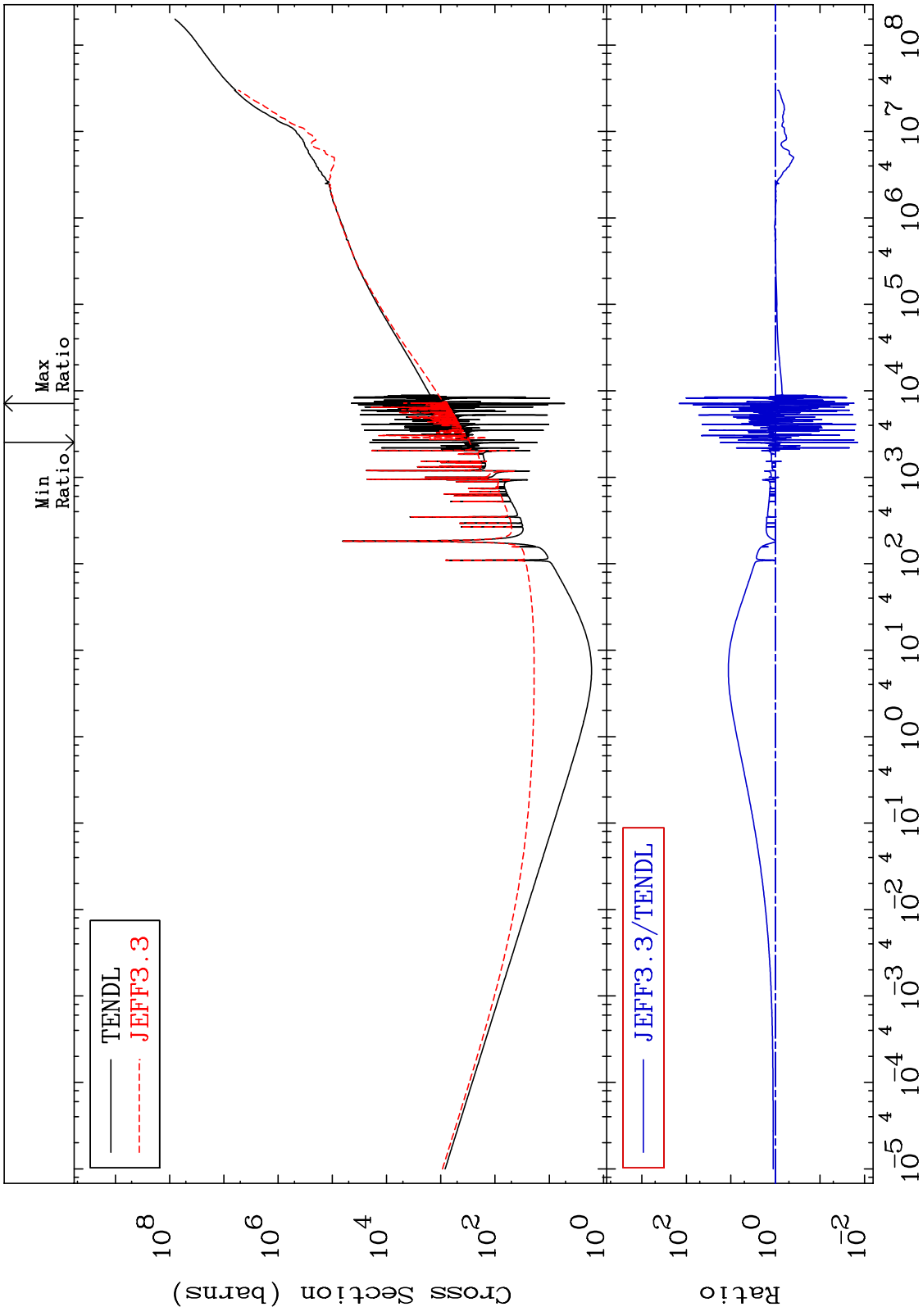


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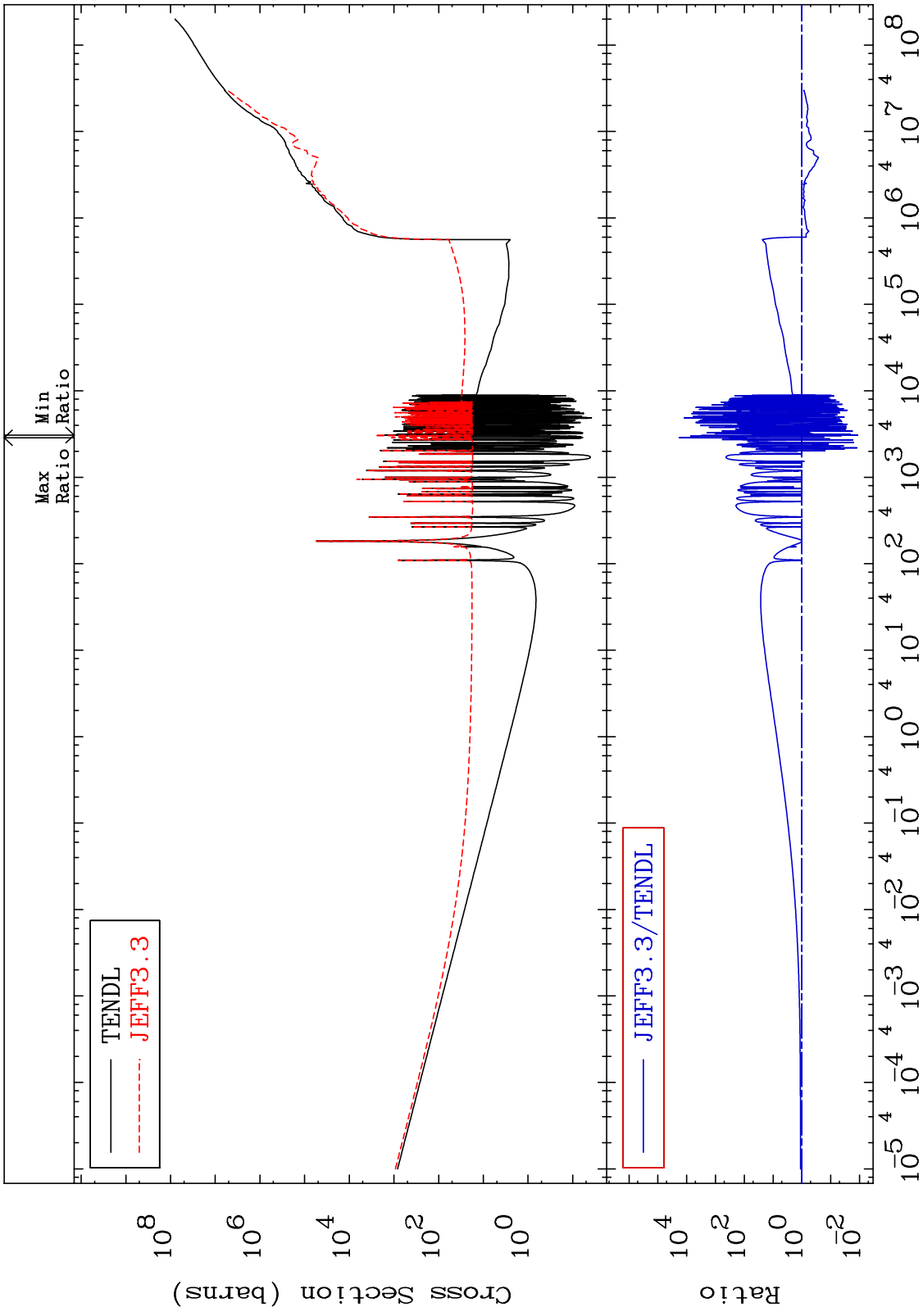
Incident Energy (eV)

46-Pd-104

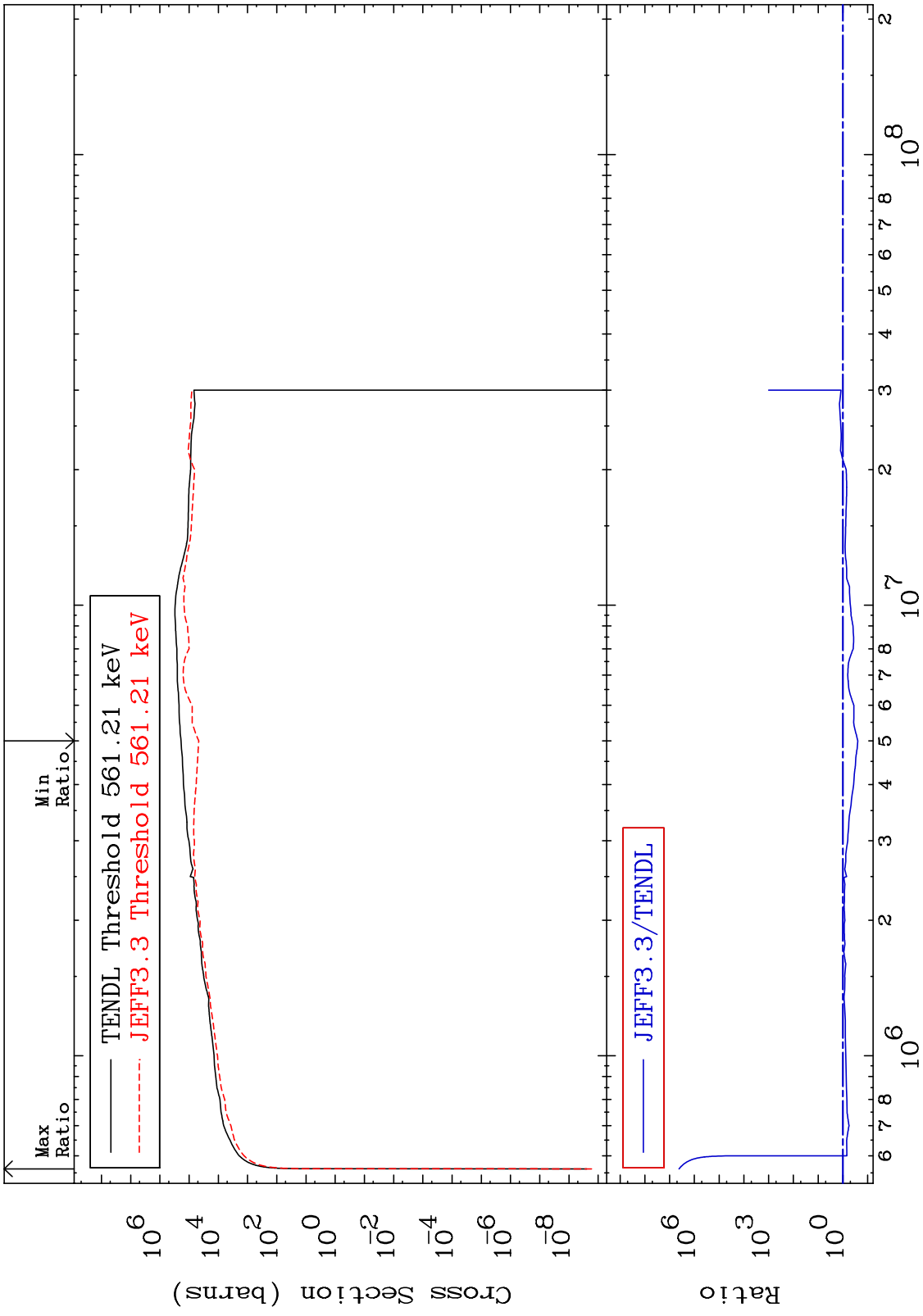
MAT 4631 Kerma total (eV-barns)
 Cross Section -98.59 To 9999. % 46-Pd-104



MAT 4631 Kerma non-elastic (all but mt2) 46-Pd-104
Cross Section -98.85 To 9999. %



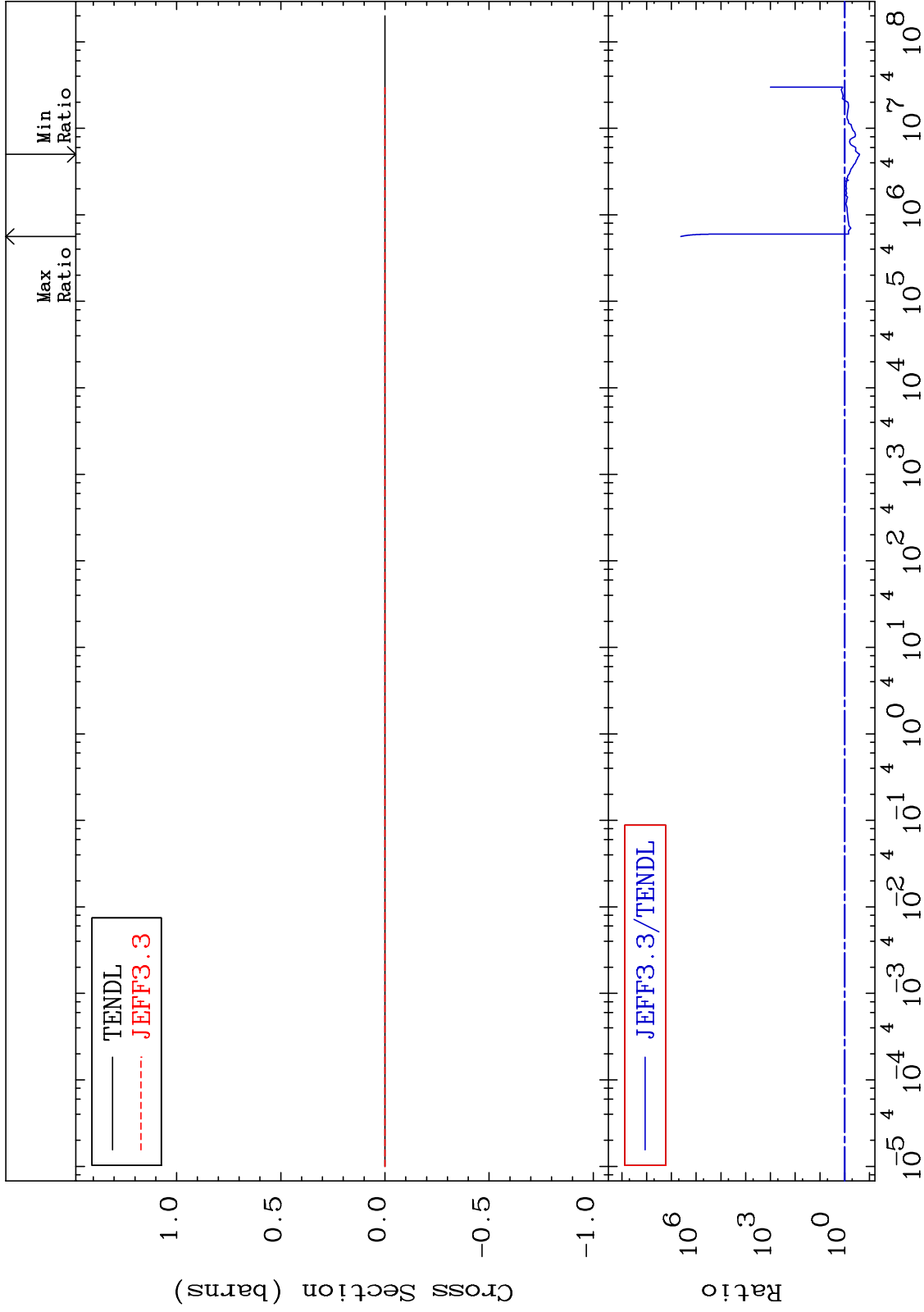
MAT 4631 Kerma inelastic (mt51-91) 46-Pd-104
 Cross Section -75.15 To 9999. %



MAT 4631

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

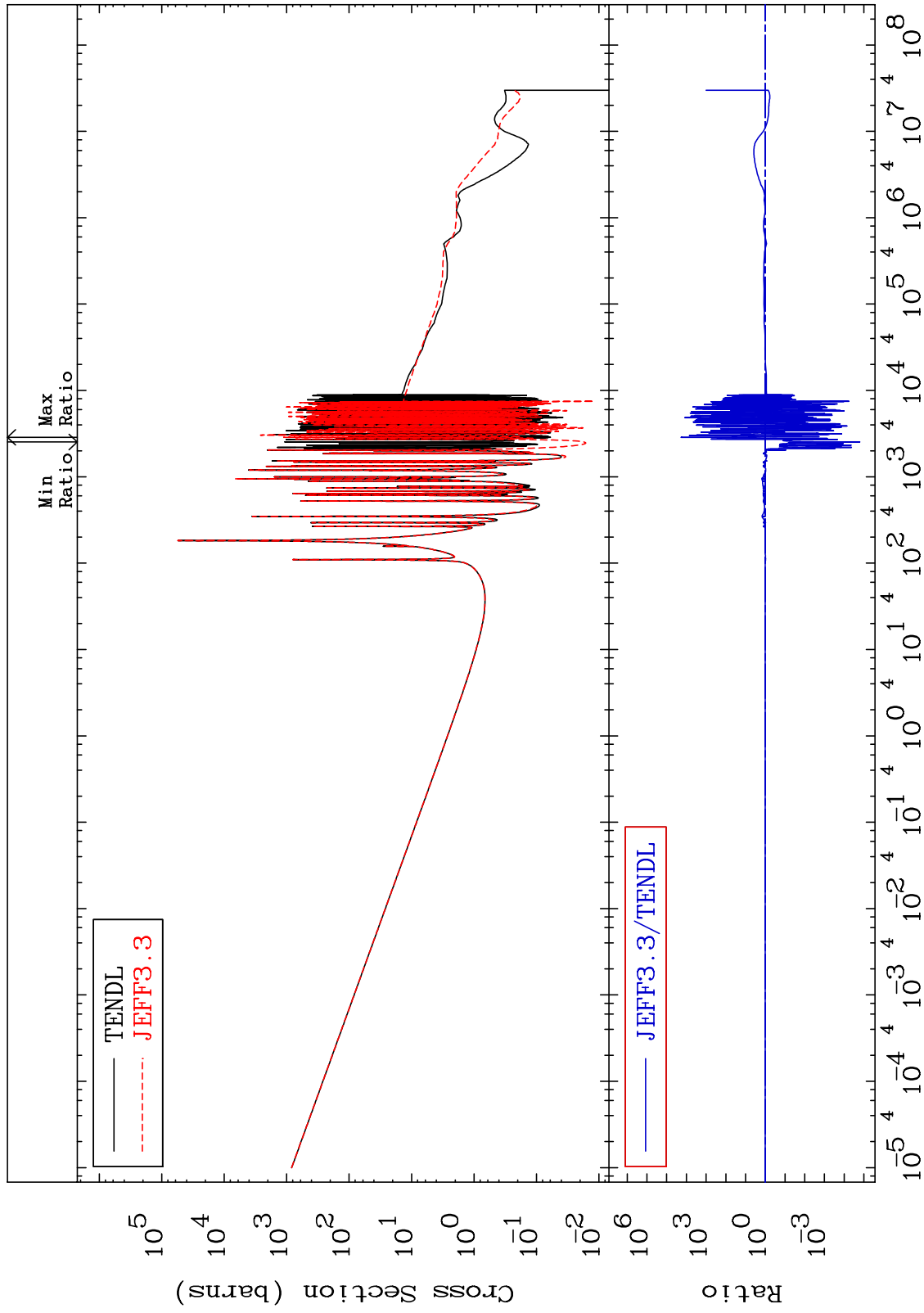
46-Pd-104
-75.15 To 9999. %



MAT 4631

Kerma capture (mt102)
Cross Section

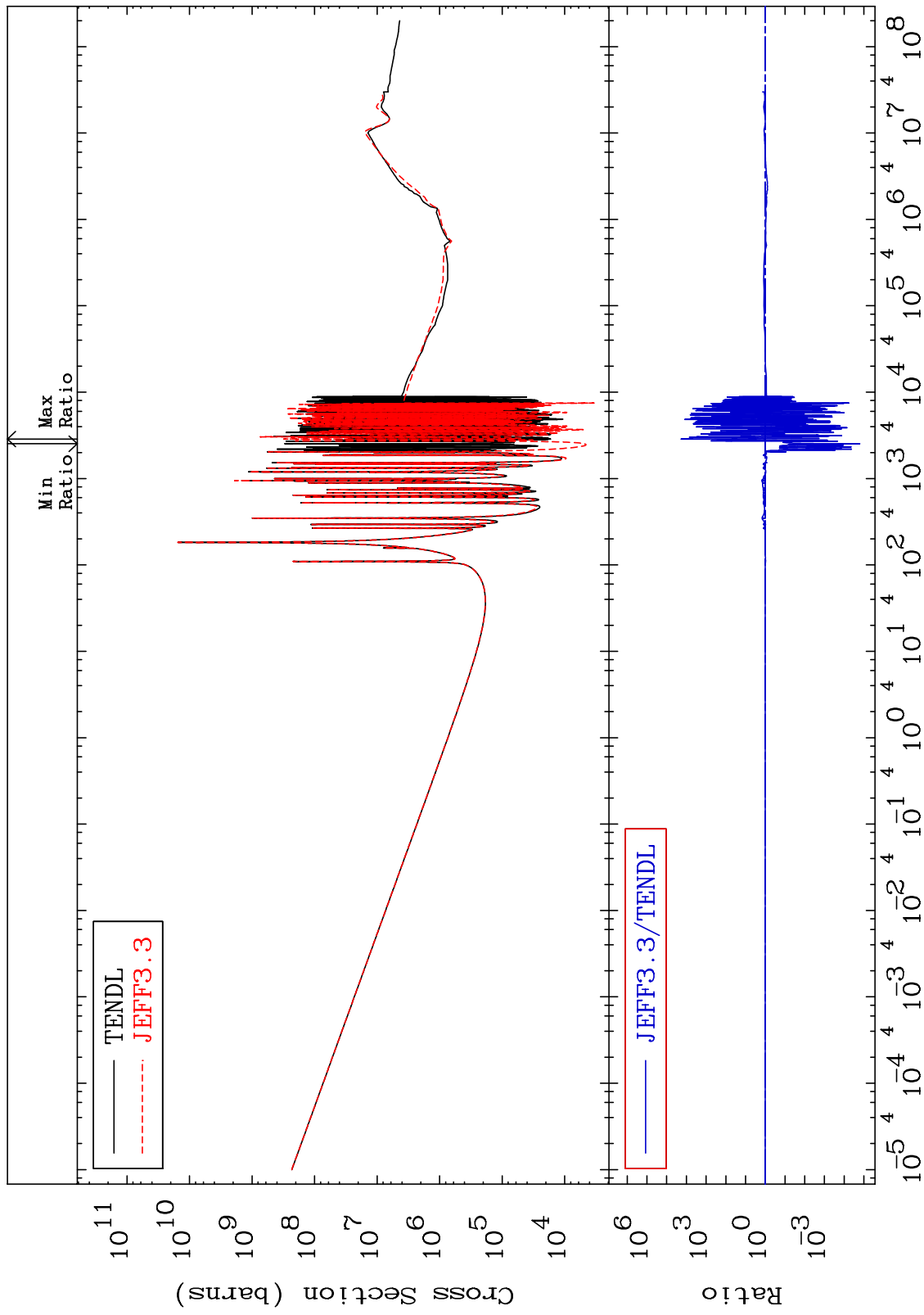
46-Pd-104
-100.0 To 9999. %



MAT 4631

Total photon (eV-barns)
Cross Section

46-Pd-104
-100.0 To 9999. %

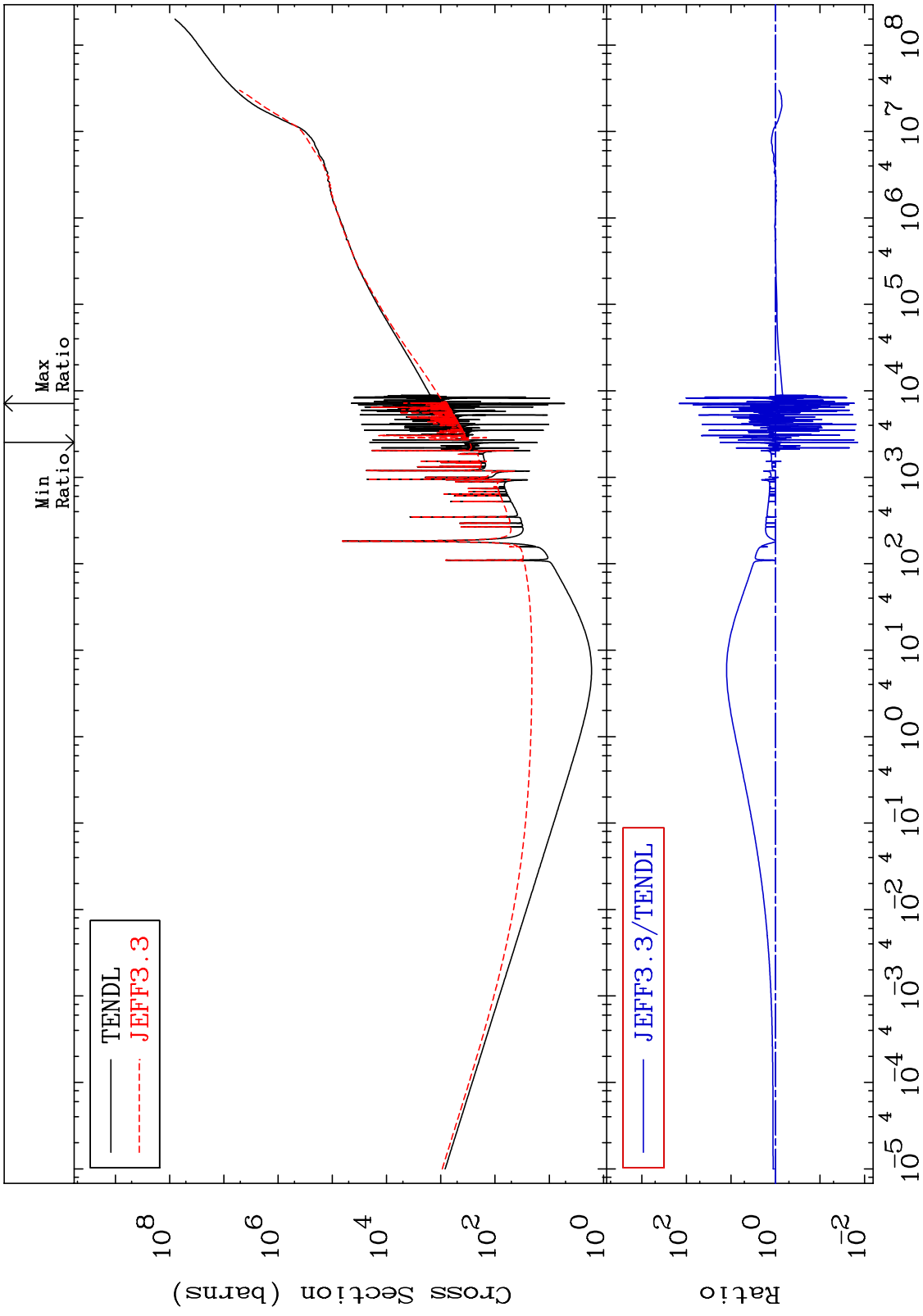


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Incident Energy (eV)

46-Pd-104

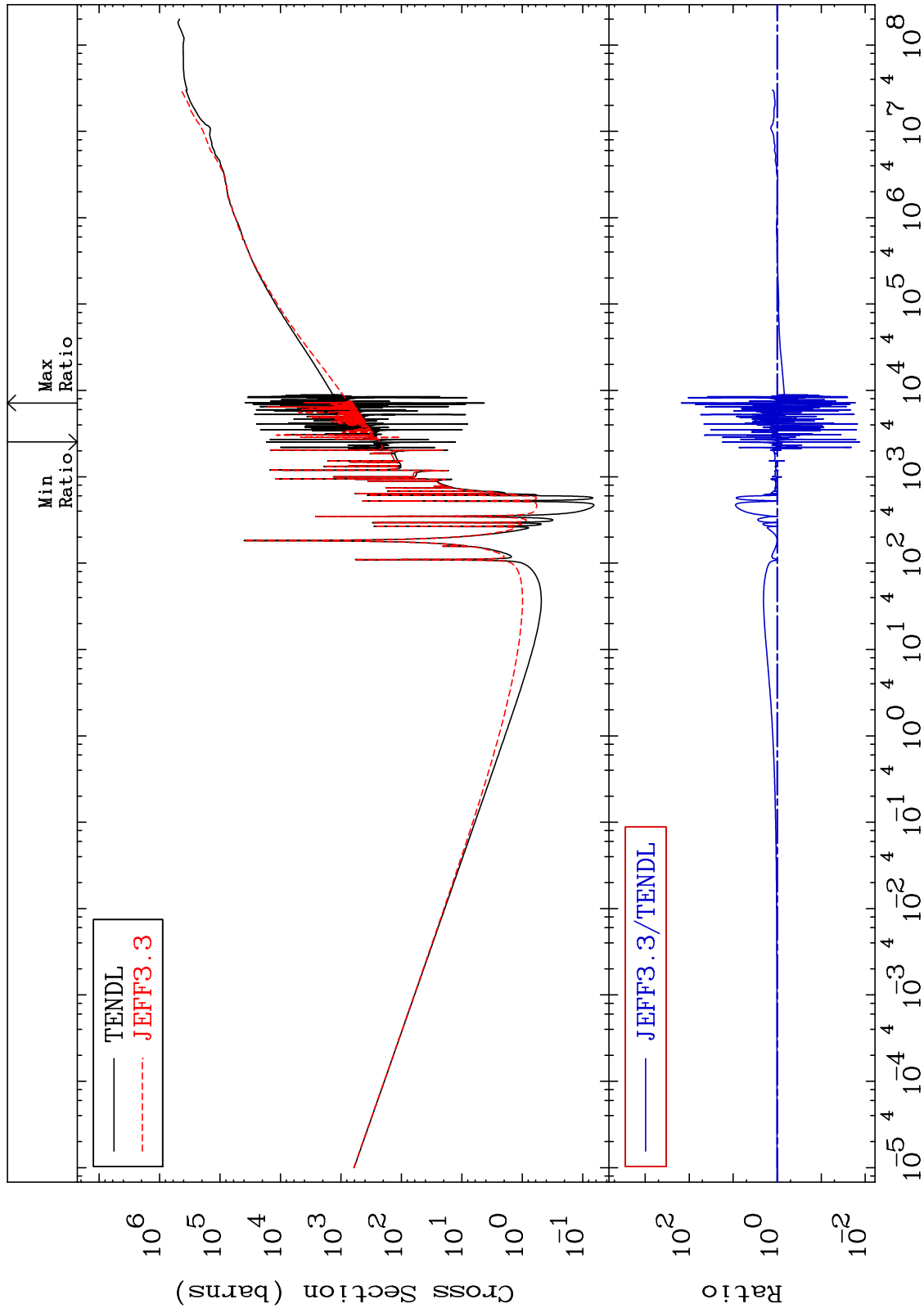
MAT 4631 Total kinematic kerma (high limit) 46-Pd-104
 Cross Section -98.58 To 9999. %



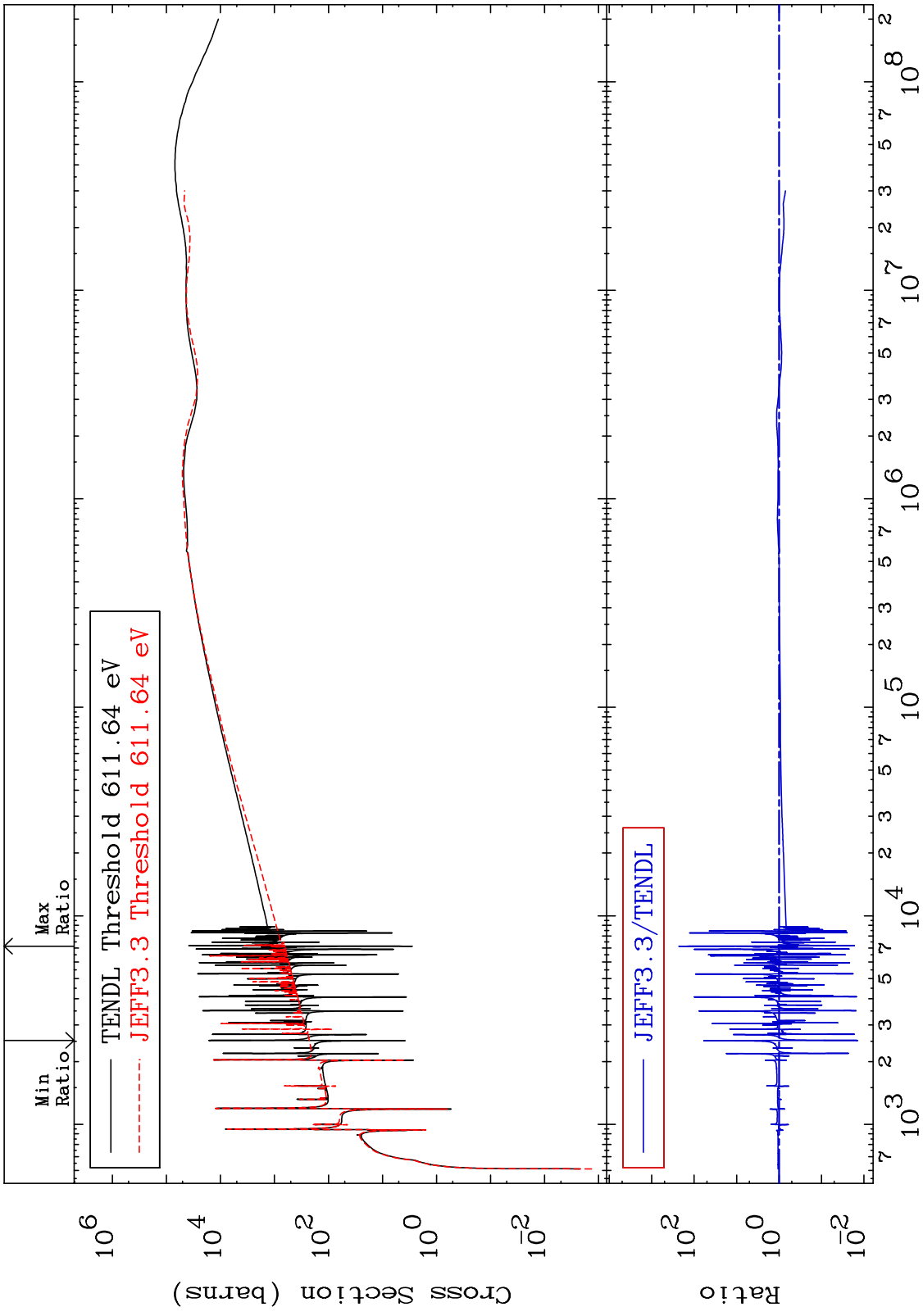
MAT 4631

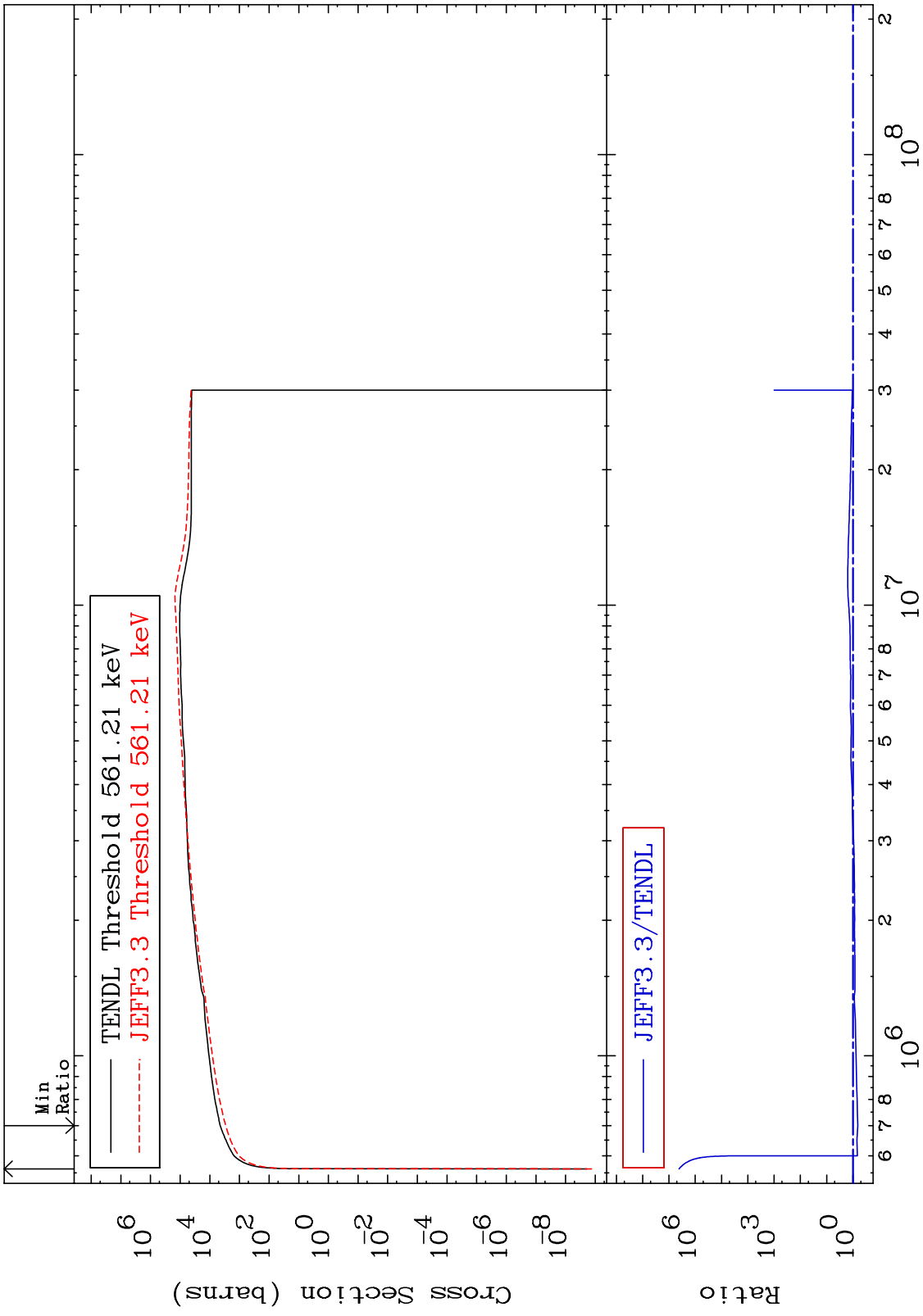
Dpa total (eV-barns)
Cross Section

46-Pd-104
-98.67 To 9999. %



MAT 4631 46-Pd-104
 Dpa elastic (mt2) -98.61 To 9999. %
 Cross Section





MAT 4631

Dpa disappearance (mt102 -120)
Cross Section

46-Pd-104
-99.95 To 9999. %

