

Program Complot
(Version 2018-1)

by

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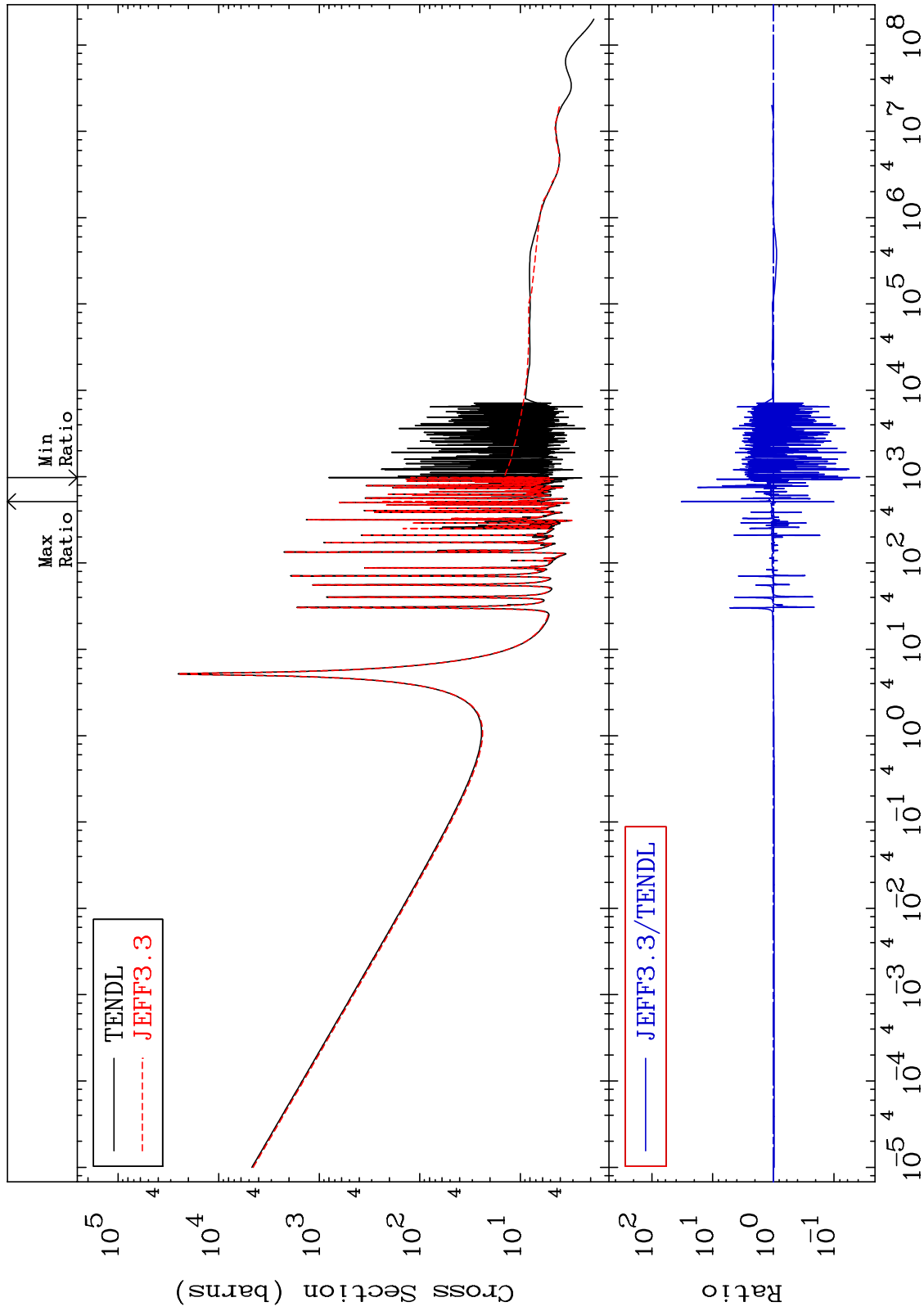
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4731

Total
Cross Section

47-Ag-109
-96.24 To 3190. %



1

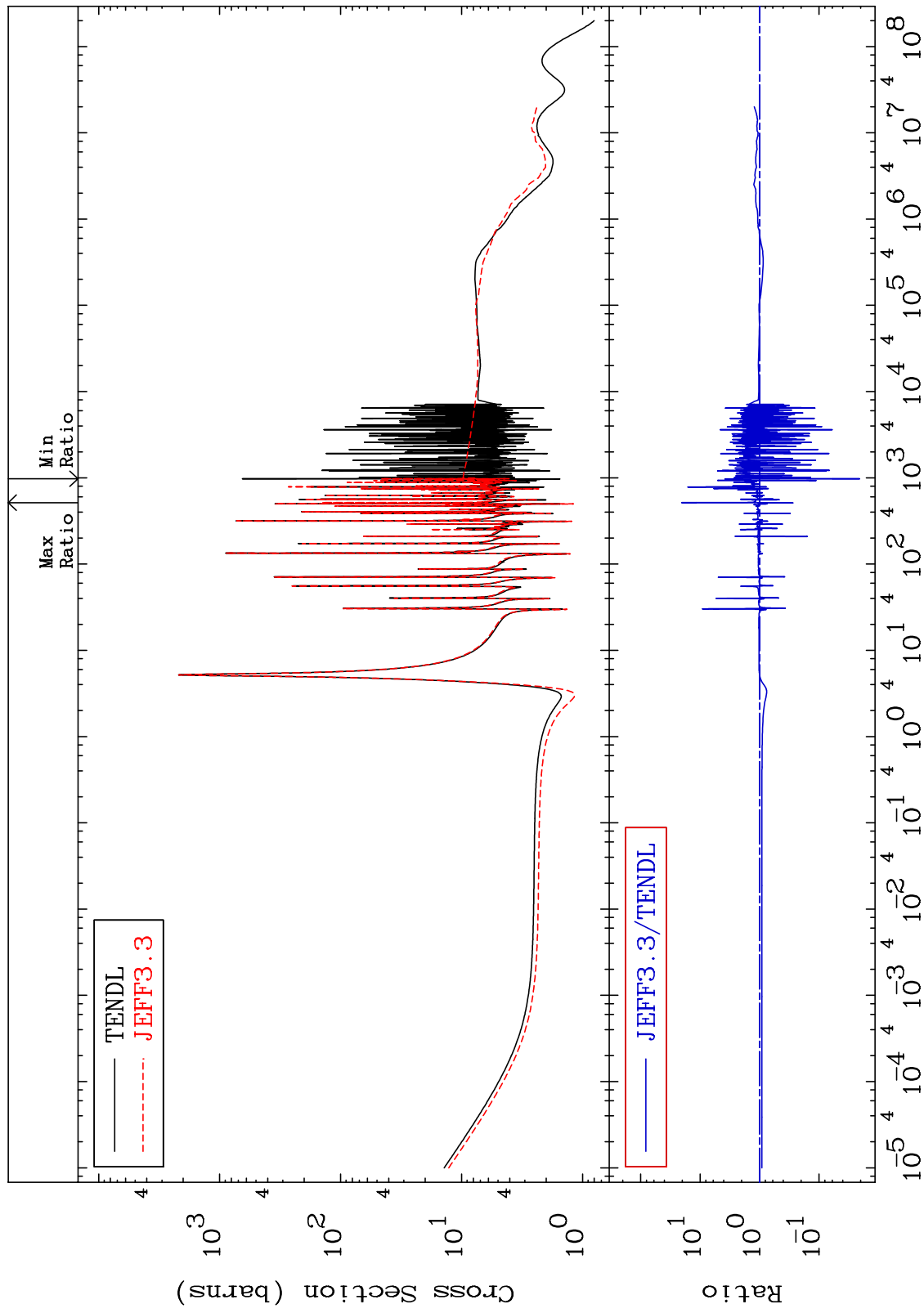
Incident Energy (eV)

47-Ag-109

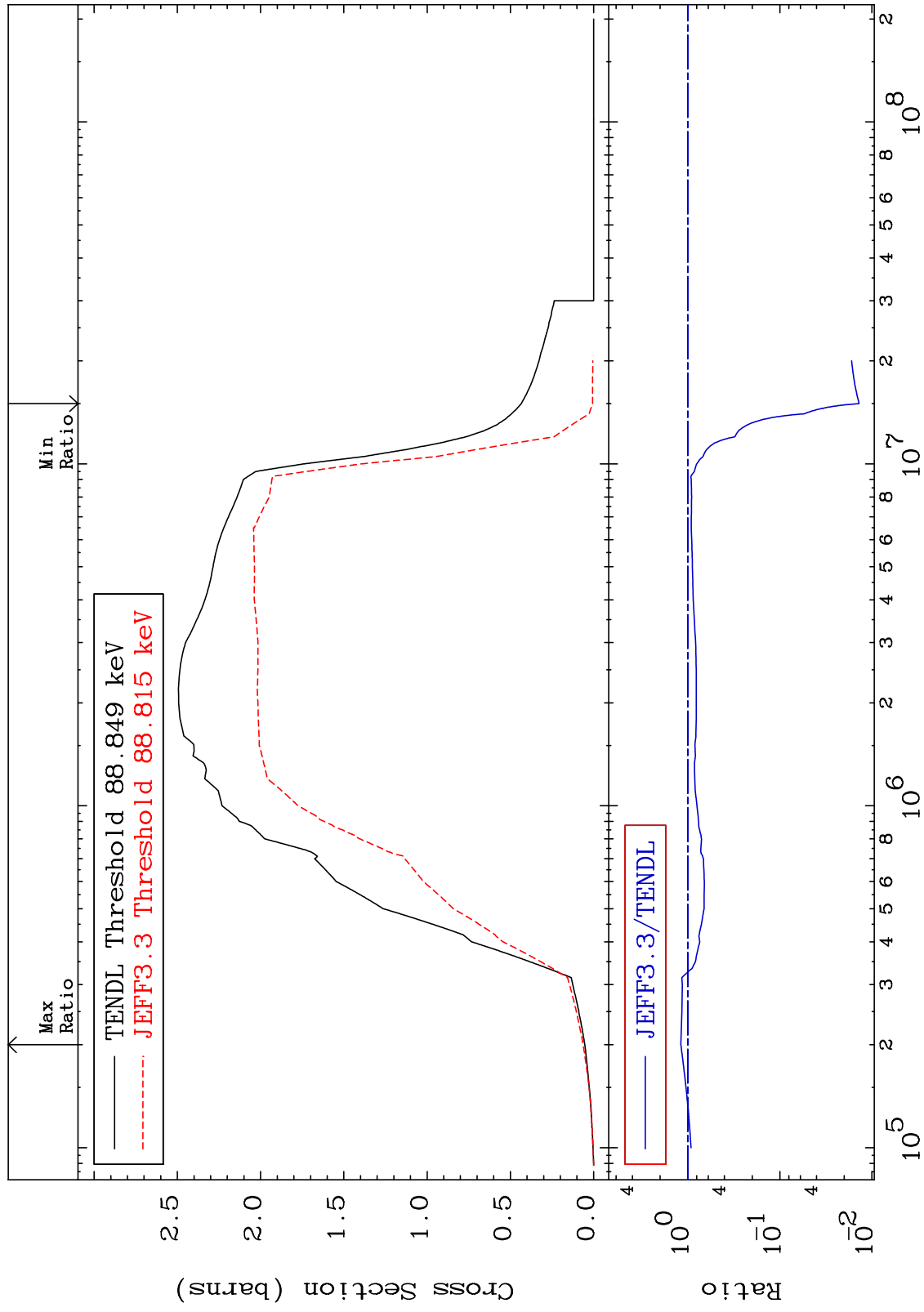
MAT 4731

Elastic
Cross Section

47-Ag-109
-97.94 To 1959. %

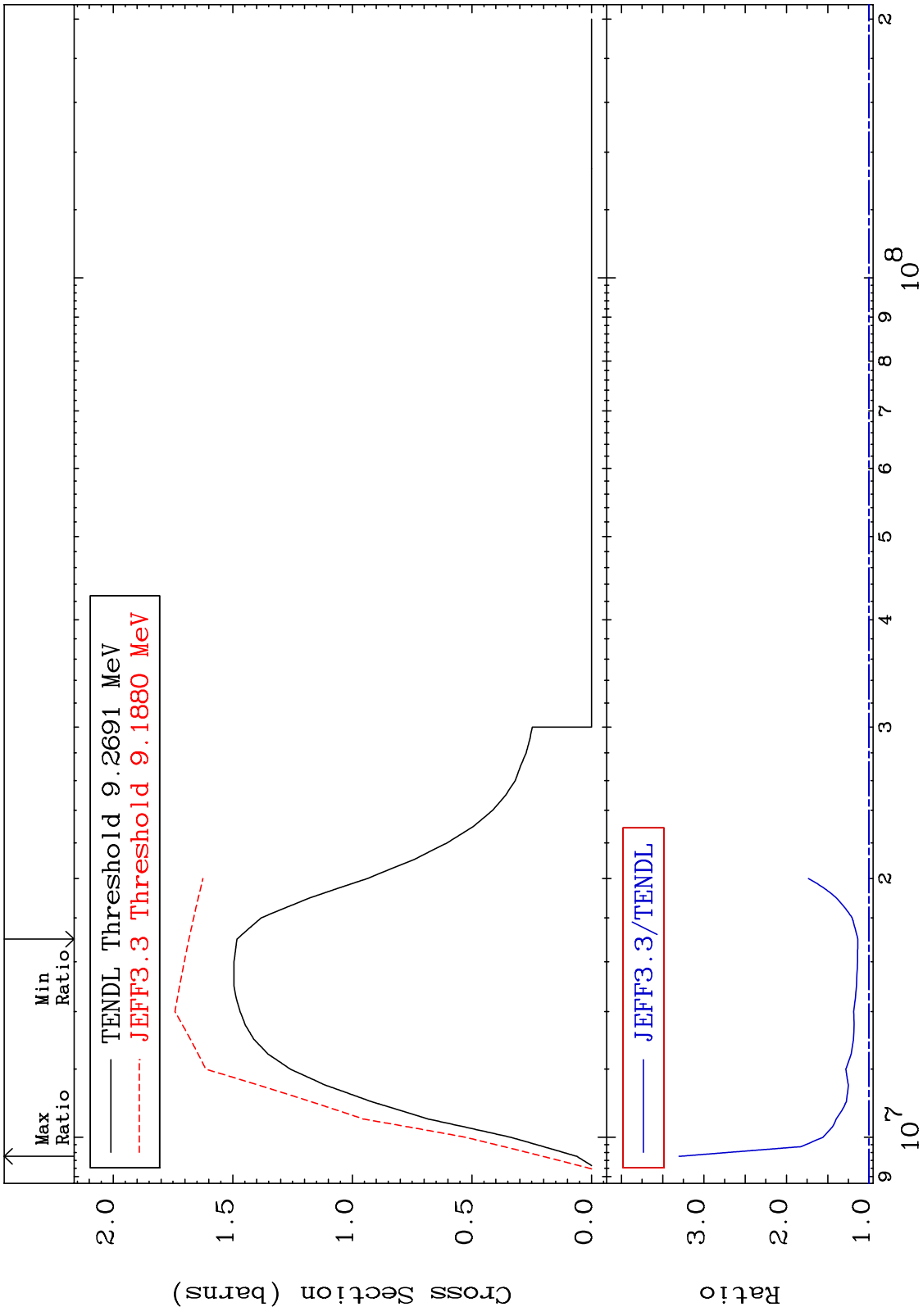


MAT 4731 Inelastic Cross Section 47-Ag-109 -98.62 To 19.02 %



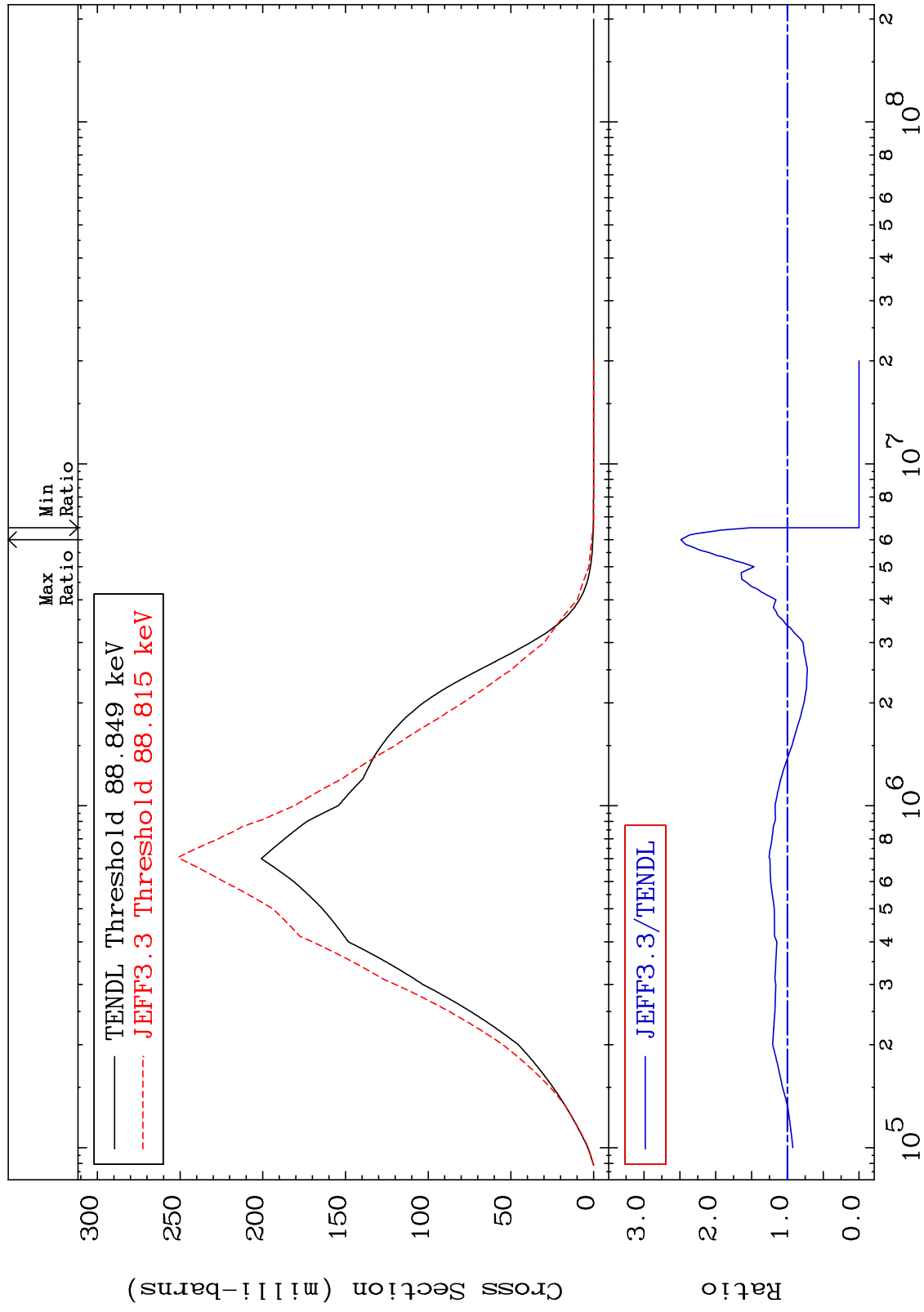
3 47-Ag-109

MAT 4731 (n,2n) Cross Section 47-Ag-109 To 230.2 %
13.53



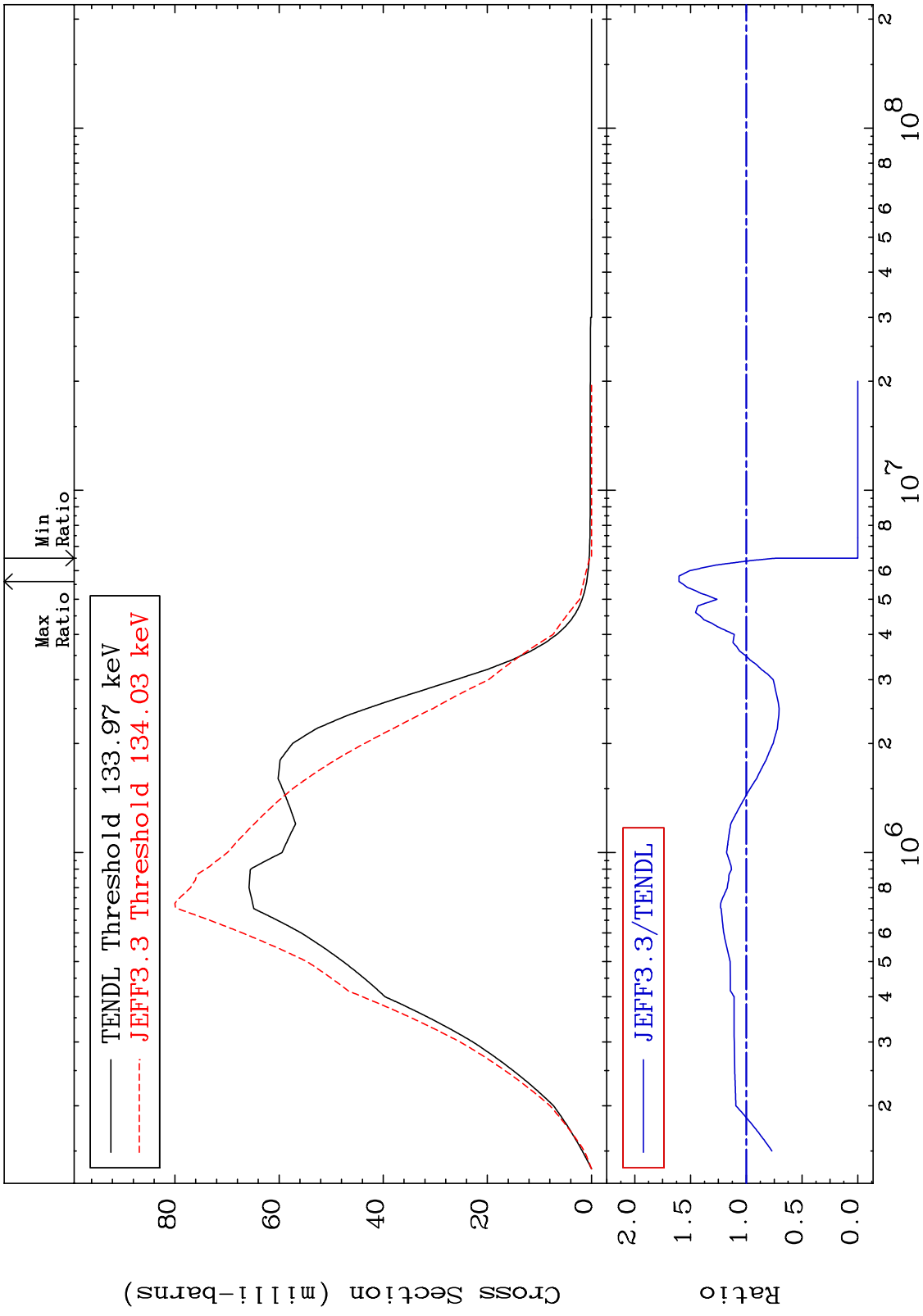
47-Ag-109 Incident Energy (eV)

MAT 4731 MT= 51 (n, n') Level 47-Ag-109
Cross Section -100.0 To 148.6 %



47-Ag-109

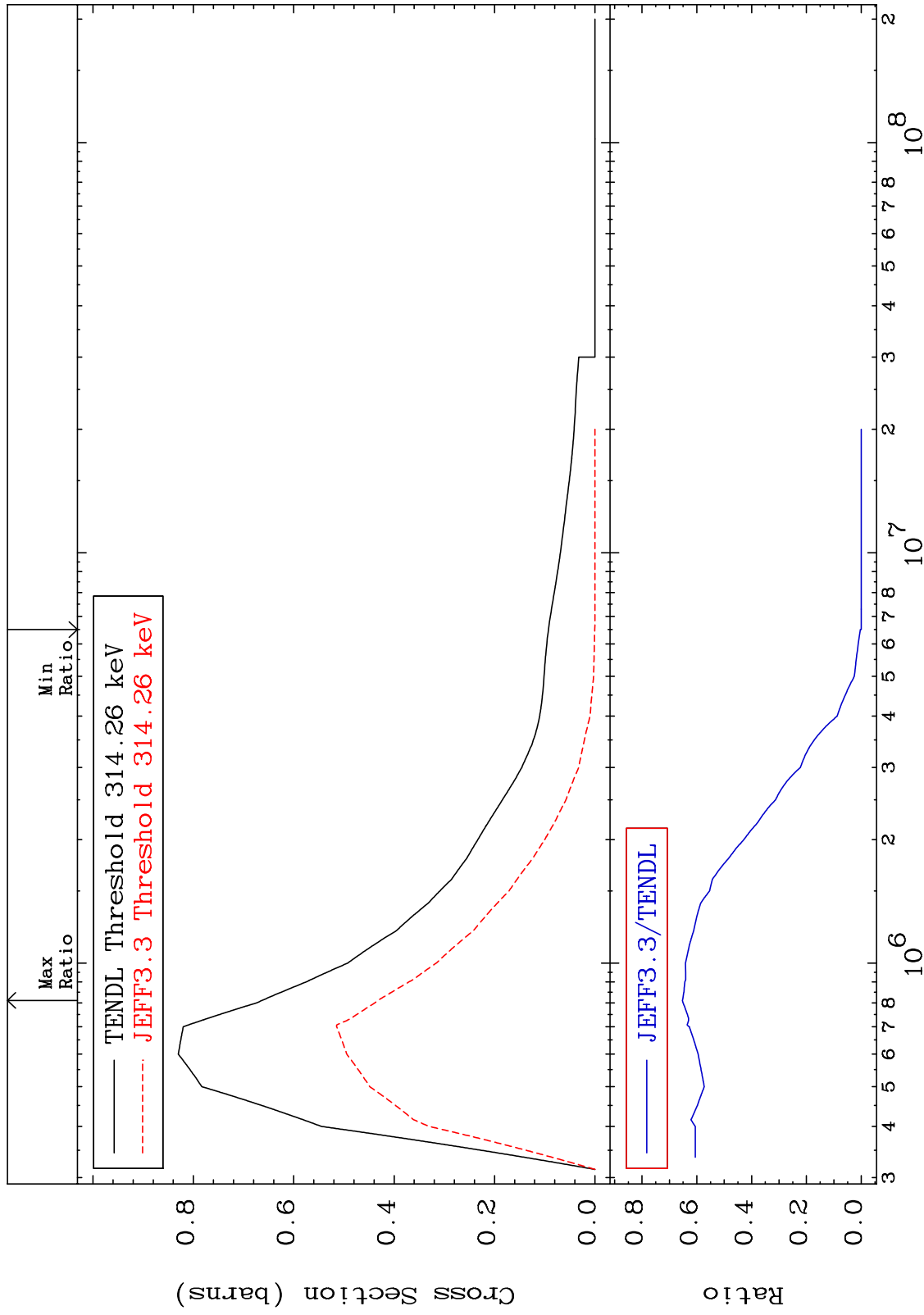
MAT 4731 MT= 52 (n,n') Level Cross Section 47-Ag-109
 -100.0 To 60.28 %



MAT 4731

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

47-Ag-109
-100.0 To -34.75%

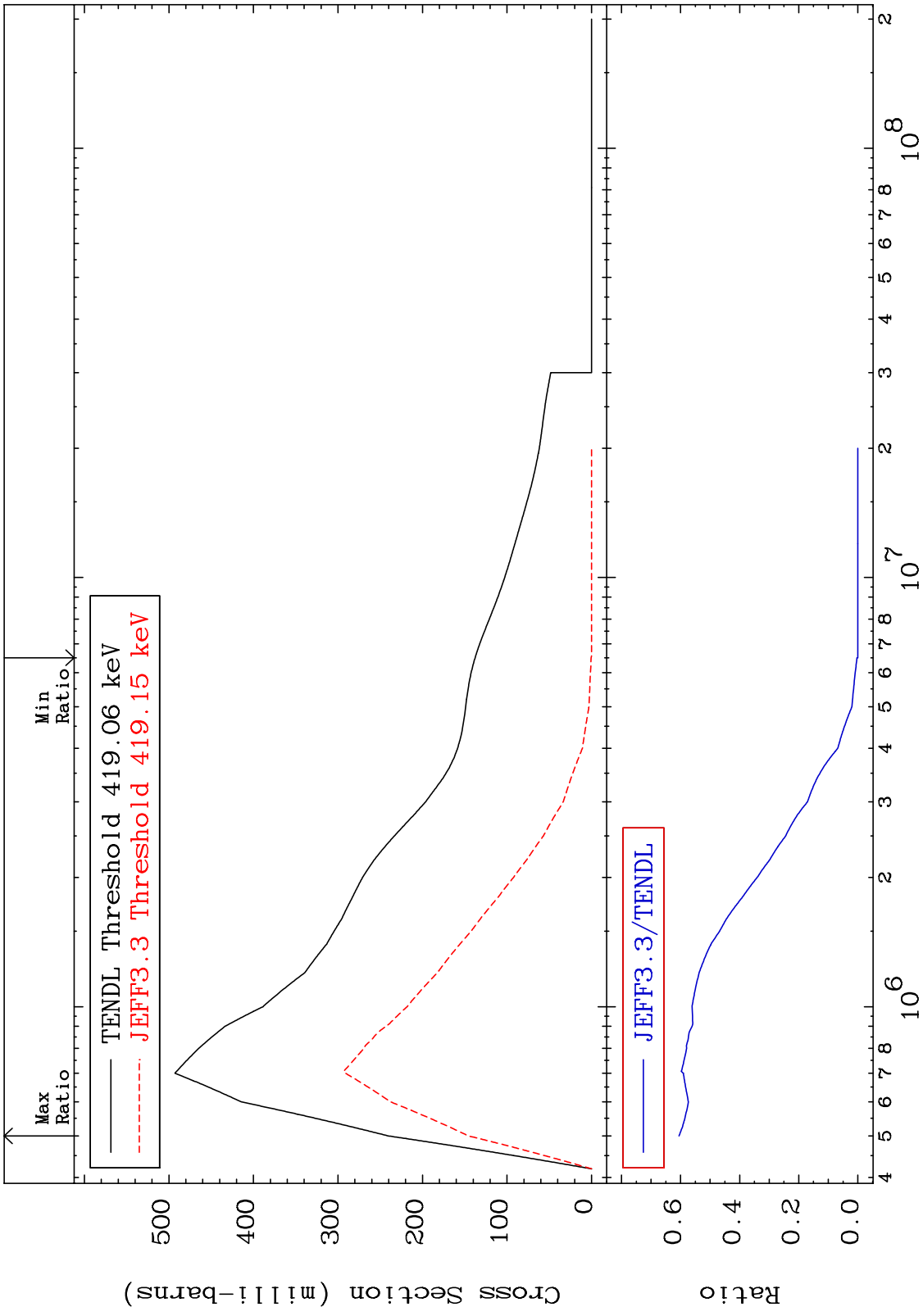


7

47-Ag-109

47-Ag-109

MAT 4731 MT= 54 (n,n') Level Cross Section -100.0 To -39.48% 47-Ag-109

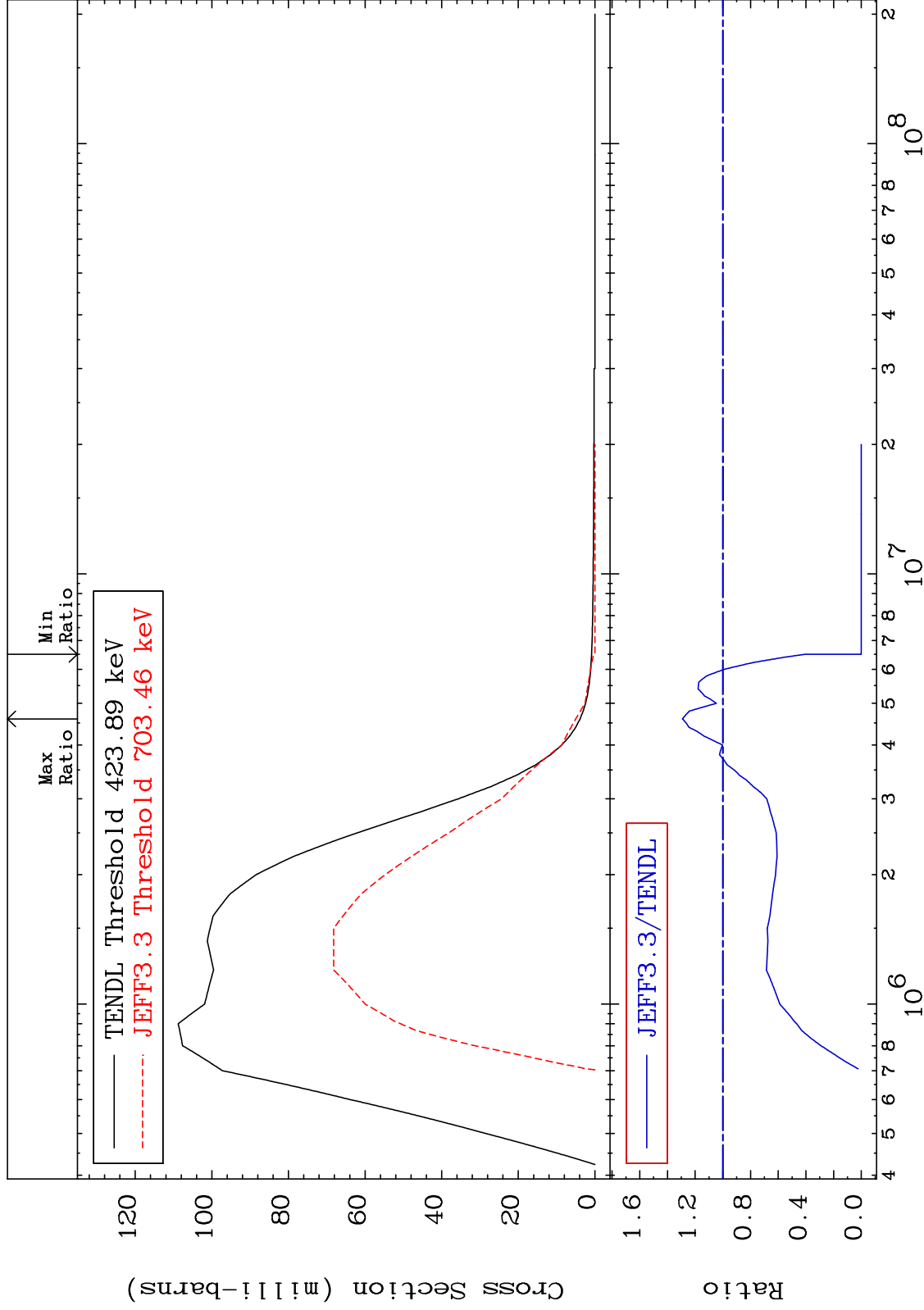


8 47-Ag-109

MAT 4731

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

47-Ag-109
-100.0 To 29.15 %



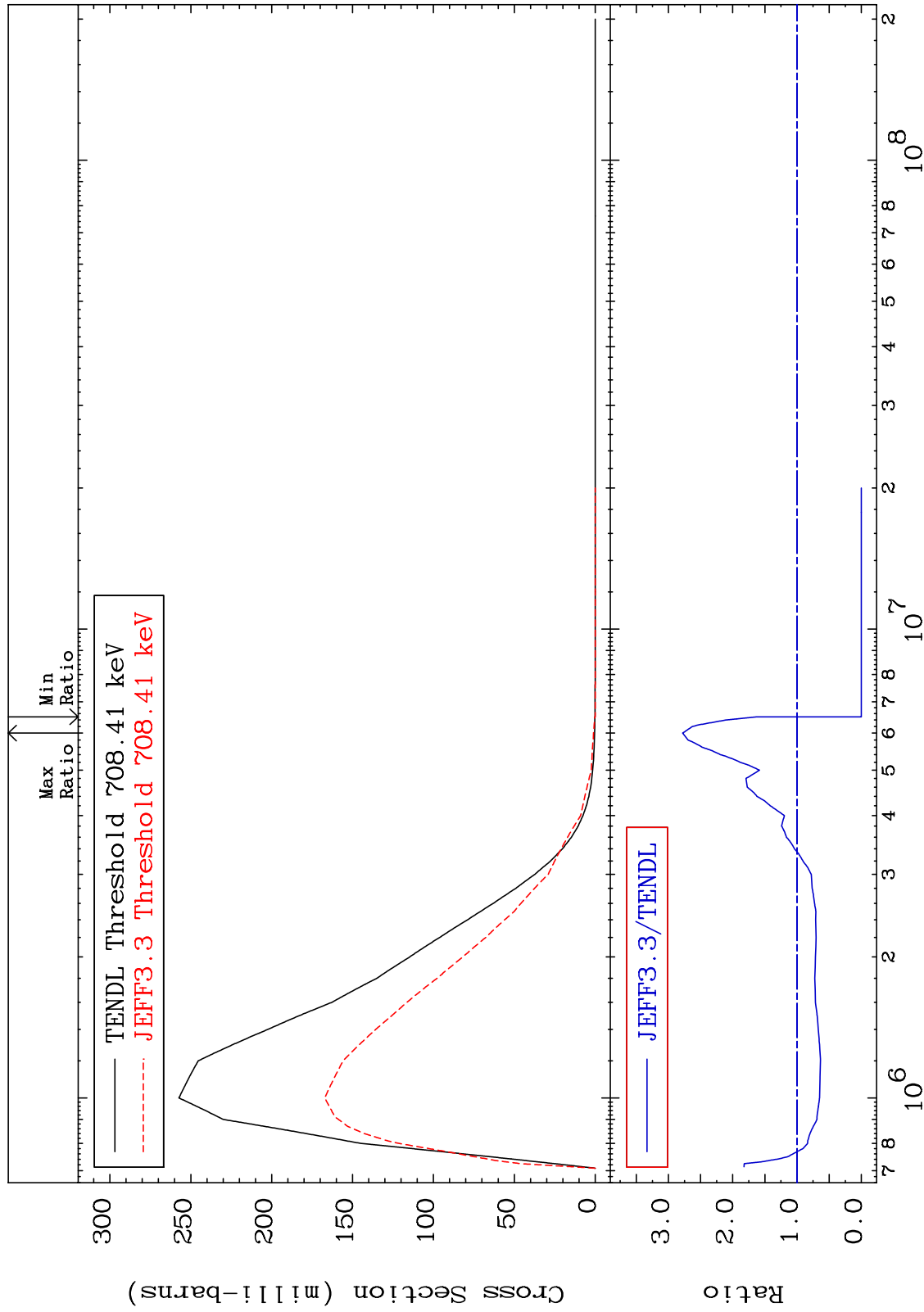
9

47-Ag-109

MAT 4731

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

47-Ag-109
-100.0 To 177.9 %

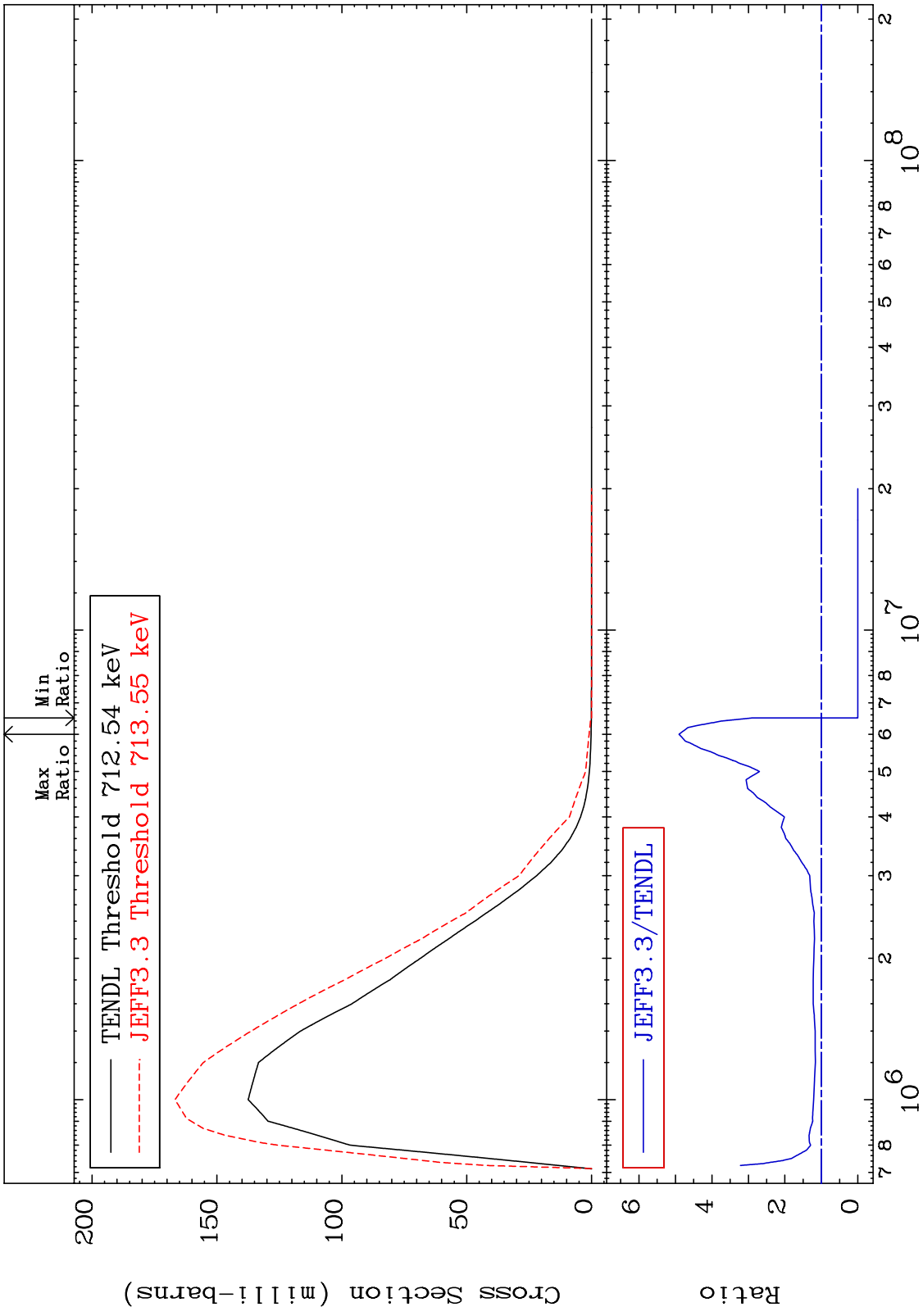


10

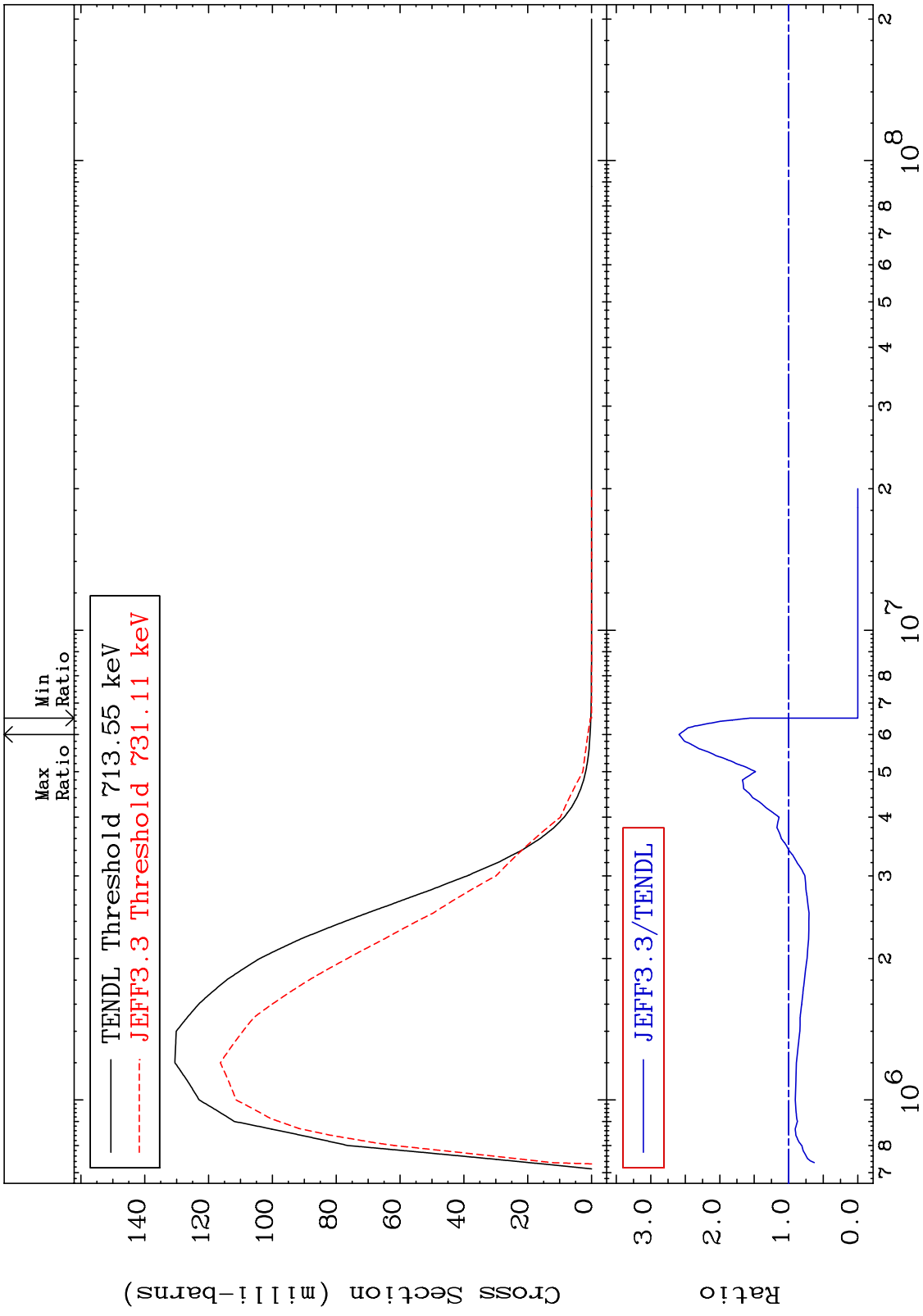
Incident Energy (eV)

47-Ag-109

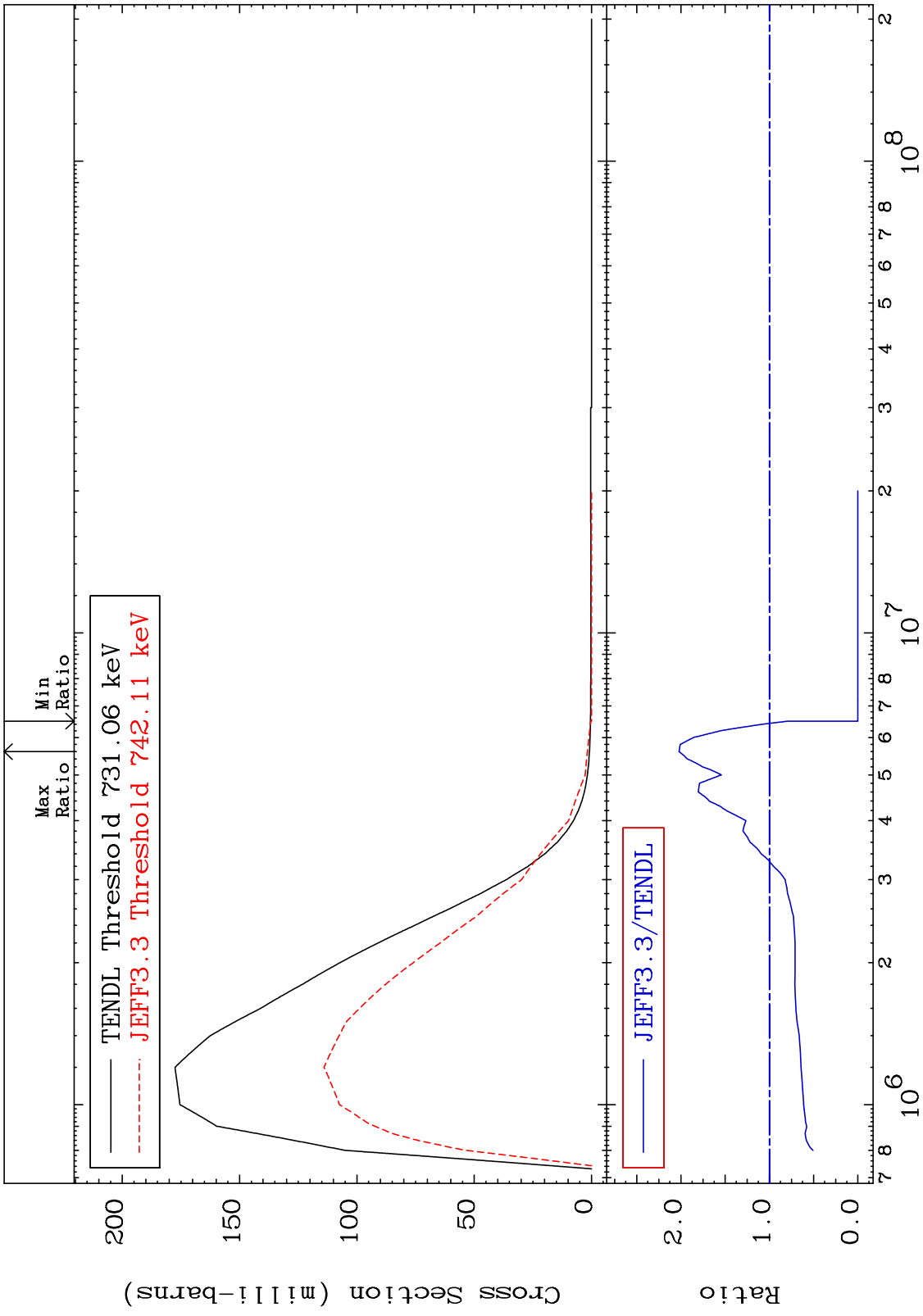
MAT 4731 MT= 57 (n,n') Level Cross Section -100.0 To 390.1 % 47-Ag-109



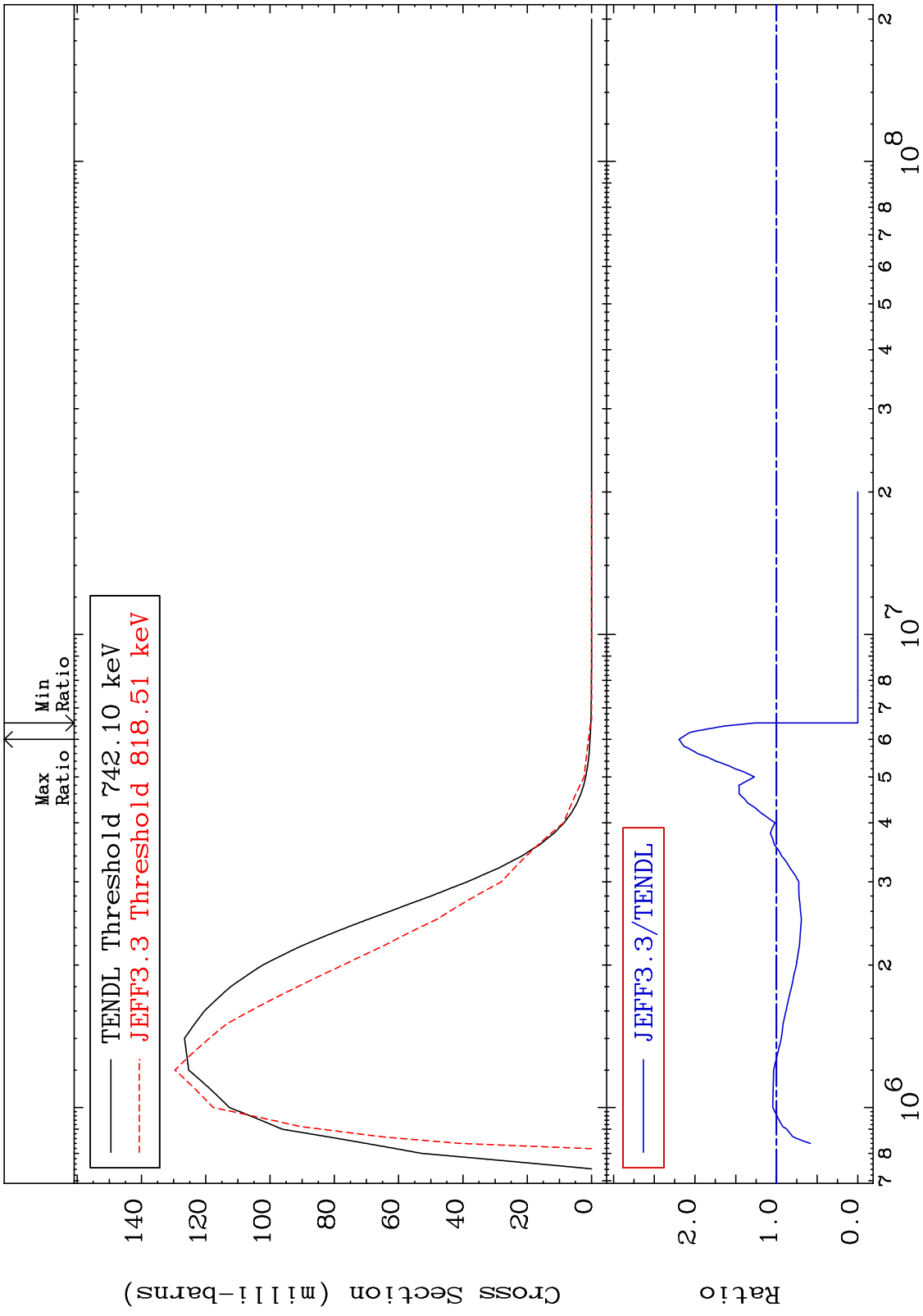
MAT 4731 MT= 58 (n,n') Level Cross Section -100.0 To 159.0 % 47-Ag-109



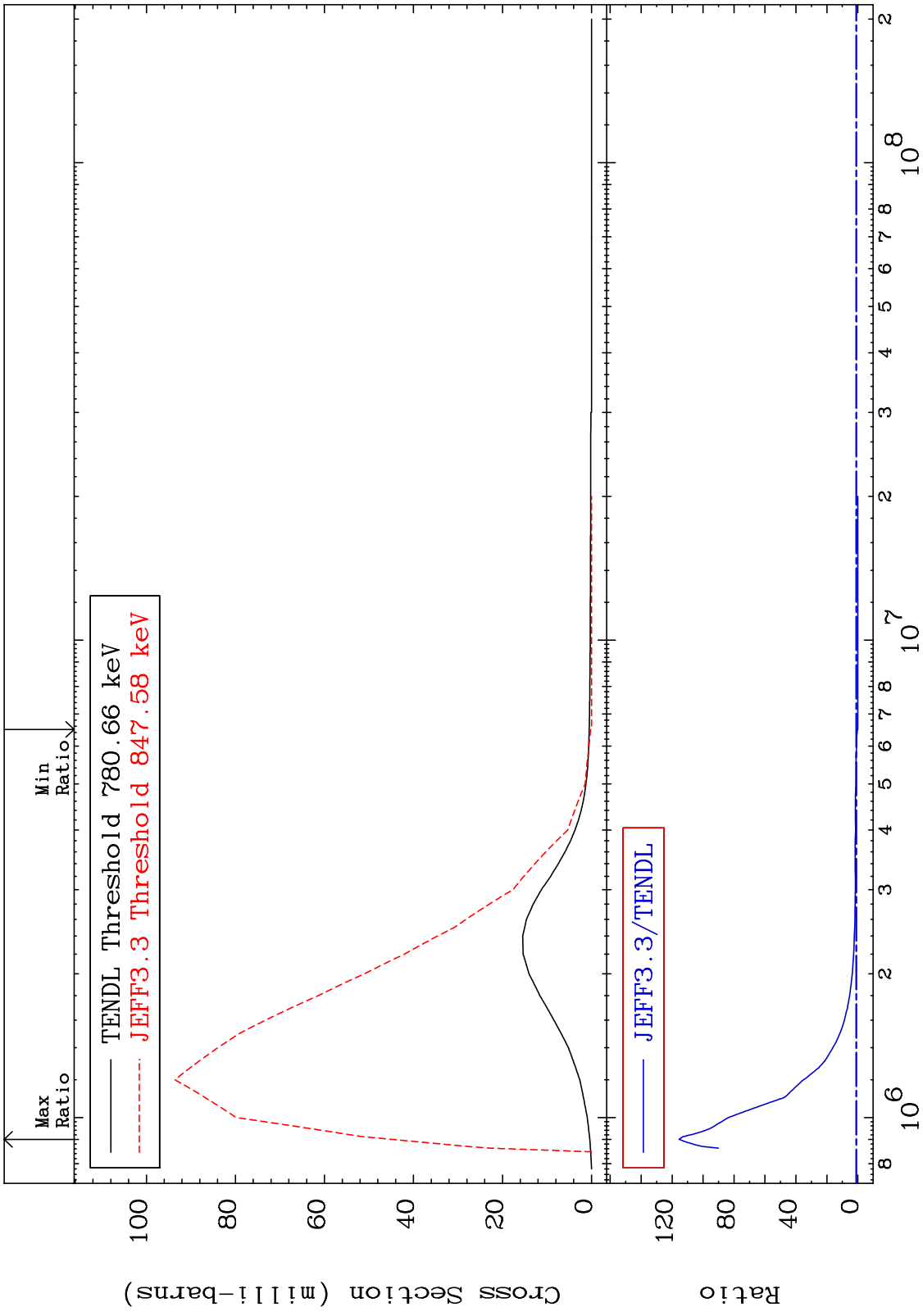
MAT 4731 MT= 59 (n,n') Level Cross Section 47-Ag-109
 -100.0 To 102.2 %



MAT 4731 MT= 60 (n,n') Level Cross Section 47-Ag-109
 -100.0 To 119.6 %



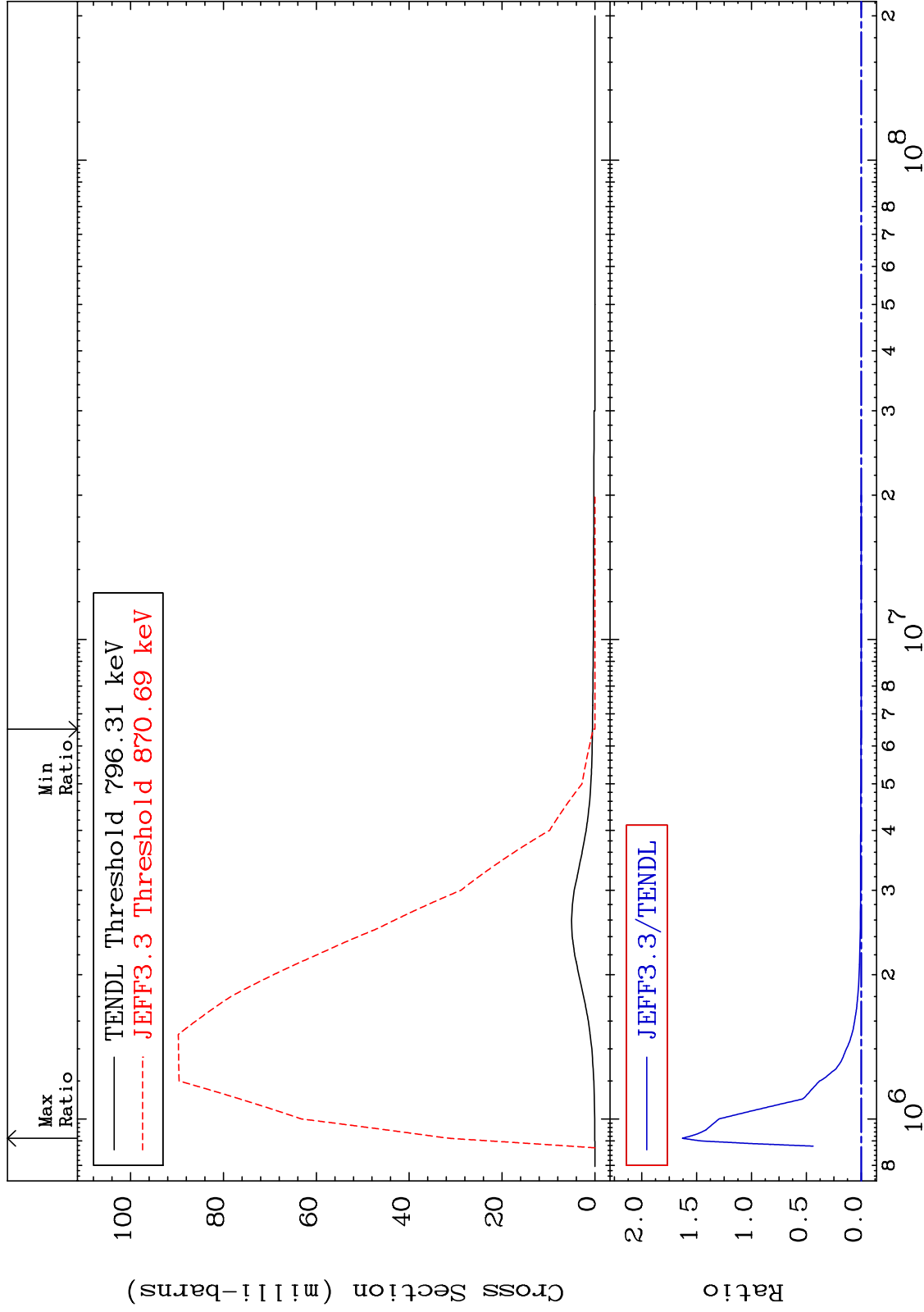
MAT 4731 MT= 61 (n,n') Level Cross Section -100.0 To 9999. % 47-Ag-109



MAT 4731

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

47-Ag-109
-100.0 To 9999. %



16

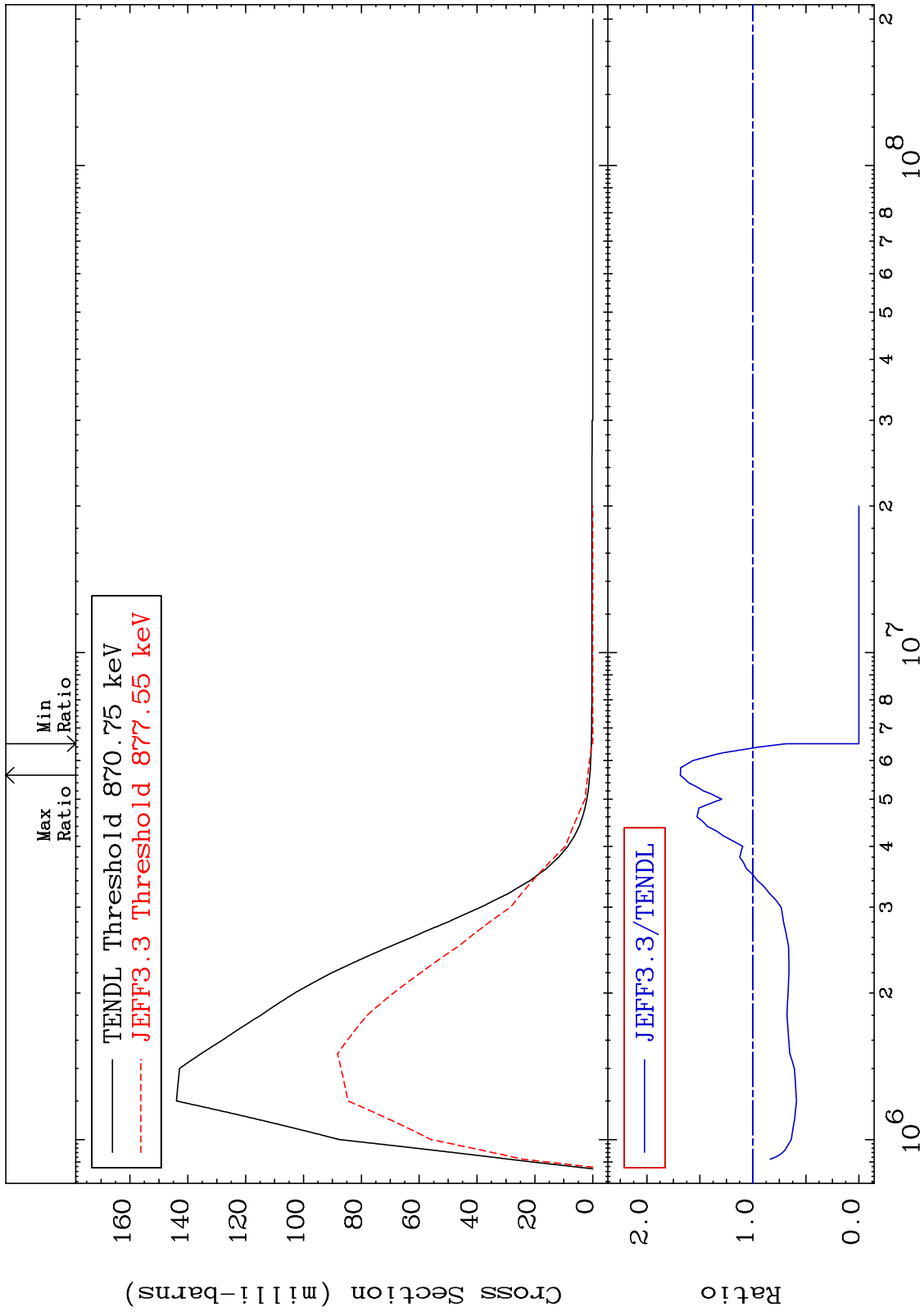
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-100.0 To 68.56 %



17

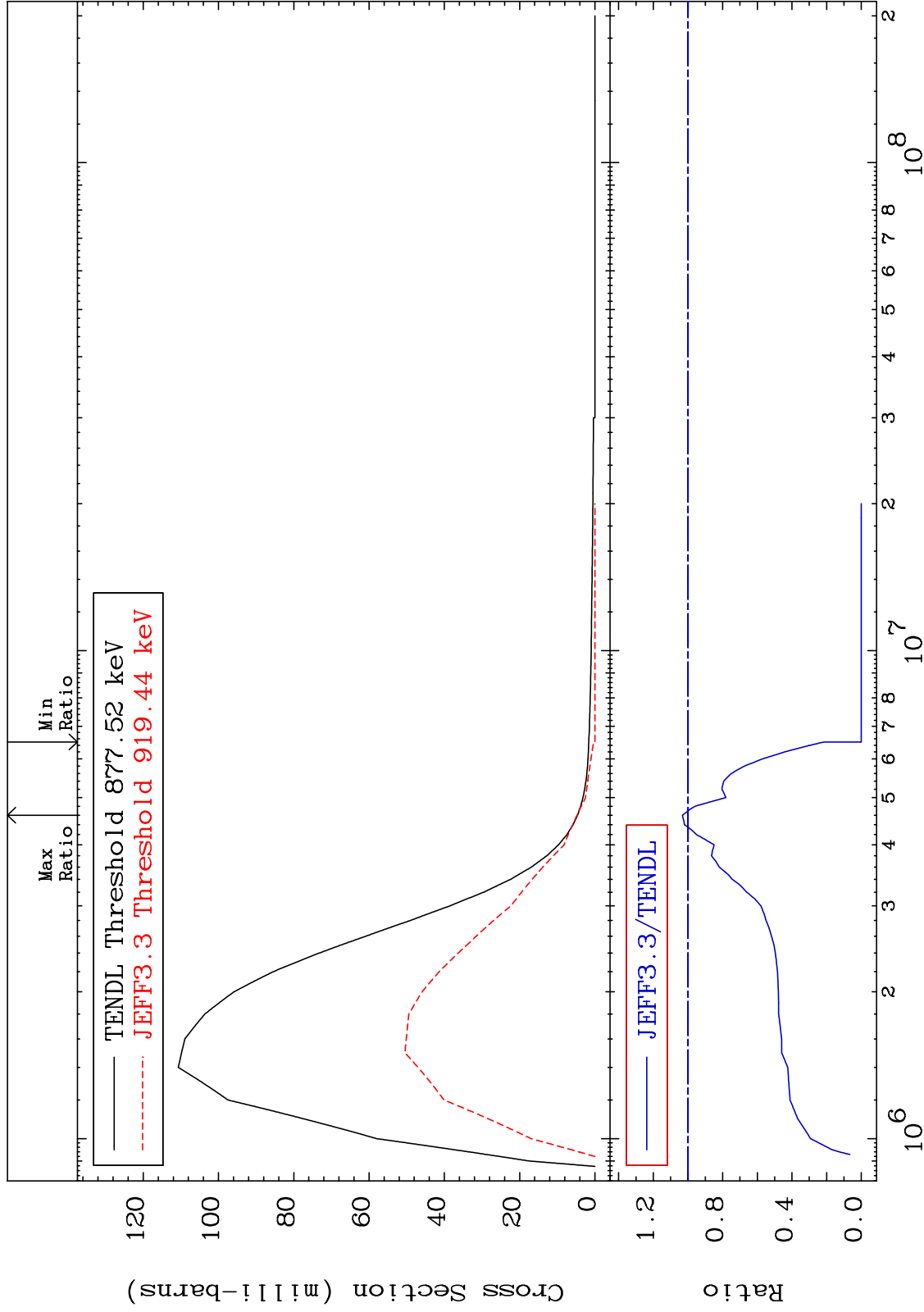
Incident Energy (eV)

47-Ag-109

MAT 4731

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

47-Ag-109
-100.0 To 3.182 %



18

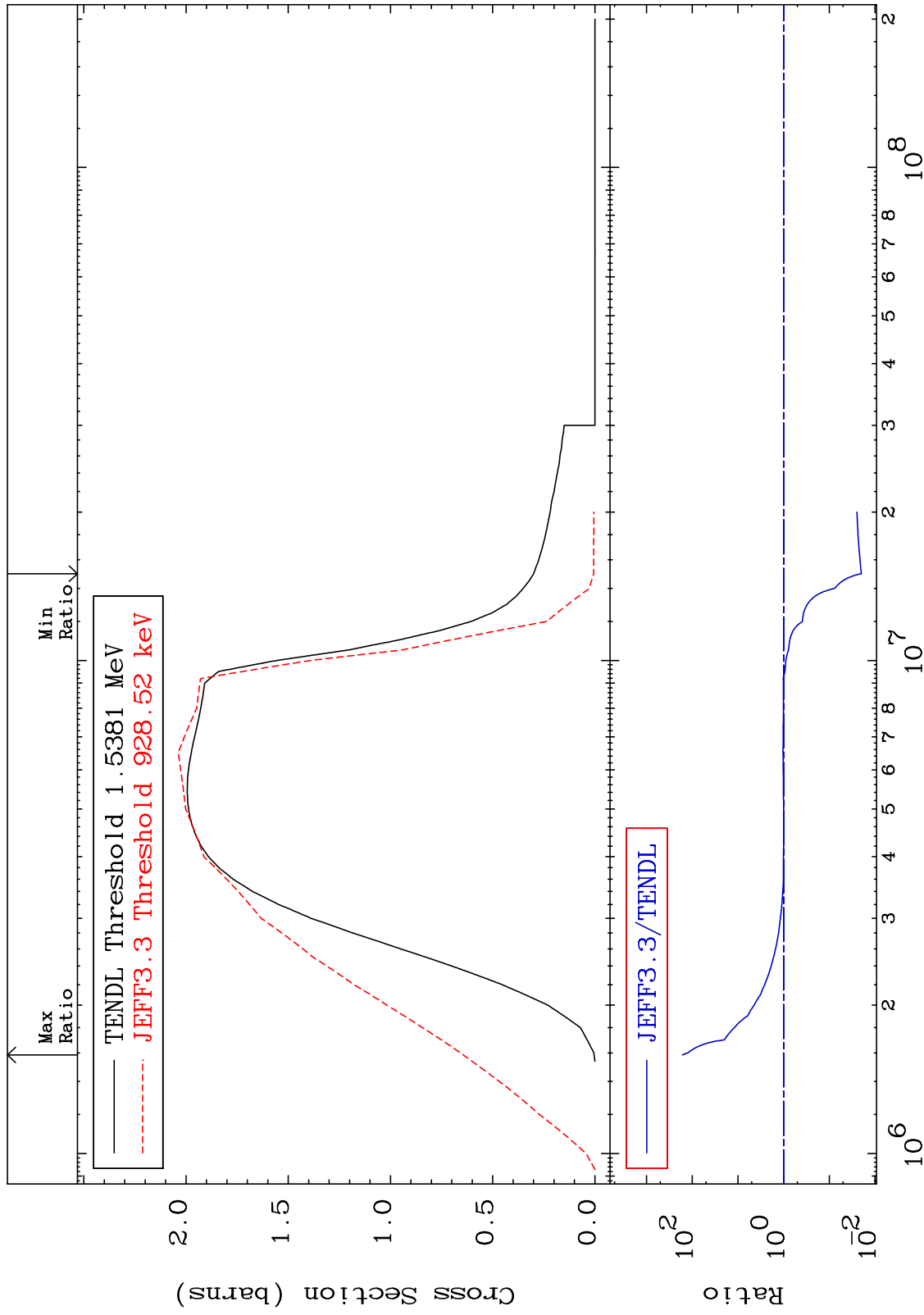
Incident Energy (eV)

47-Ag-109

MAT 4731

(n, n') Continuum
Cross Section

47-Ag-109
-98.00 To 9999. %



47-Ag-109

47-Ag-109

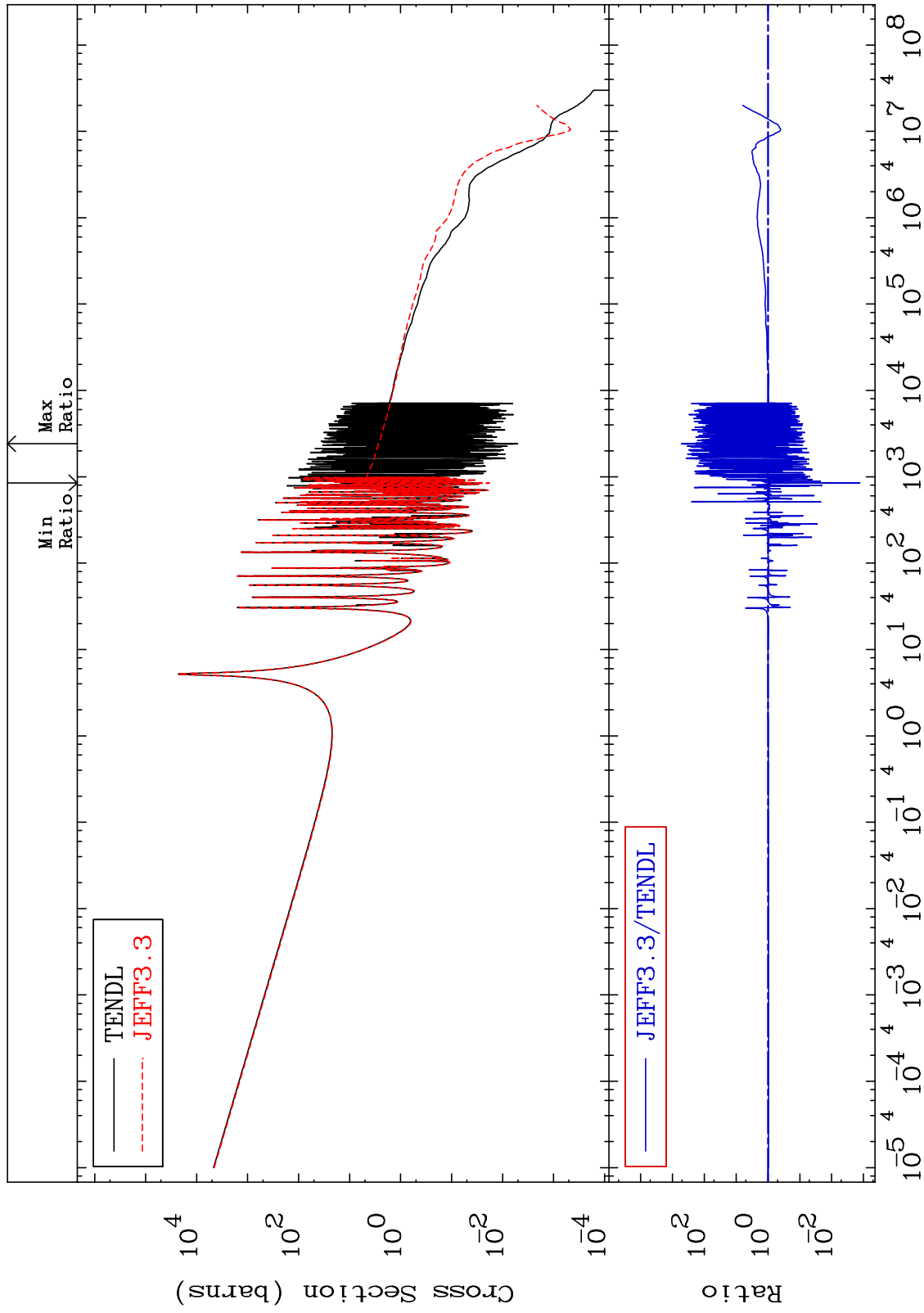
MAT 4731

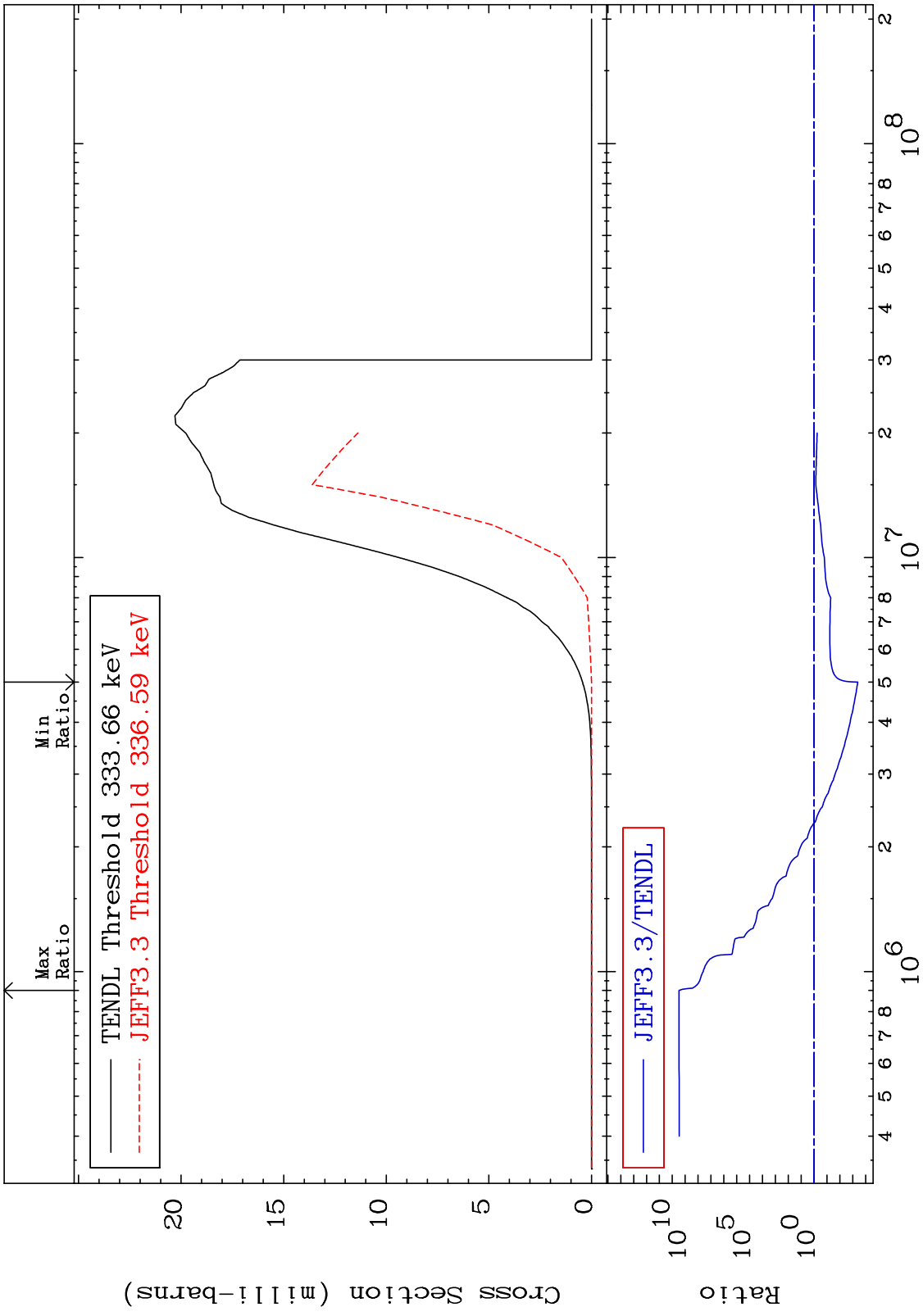
(n, γ)

47-Ag-109

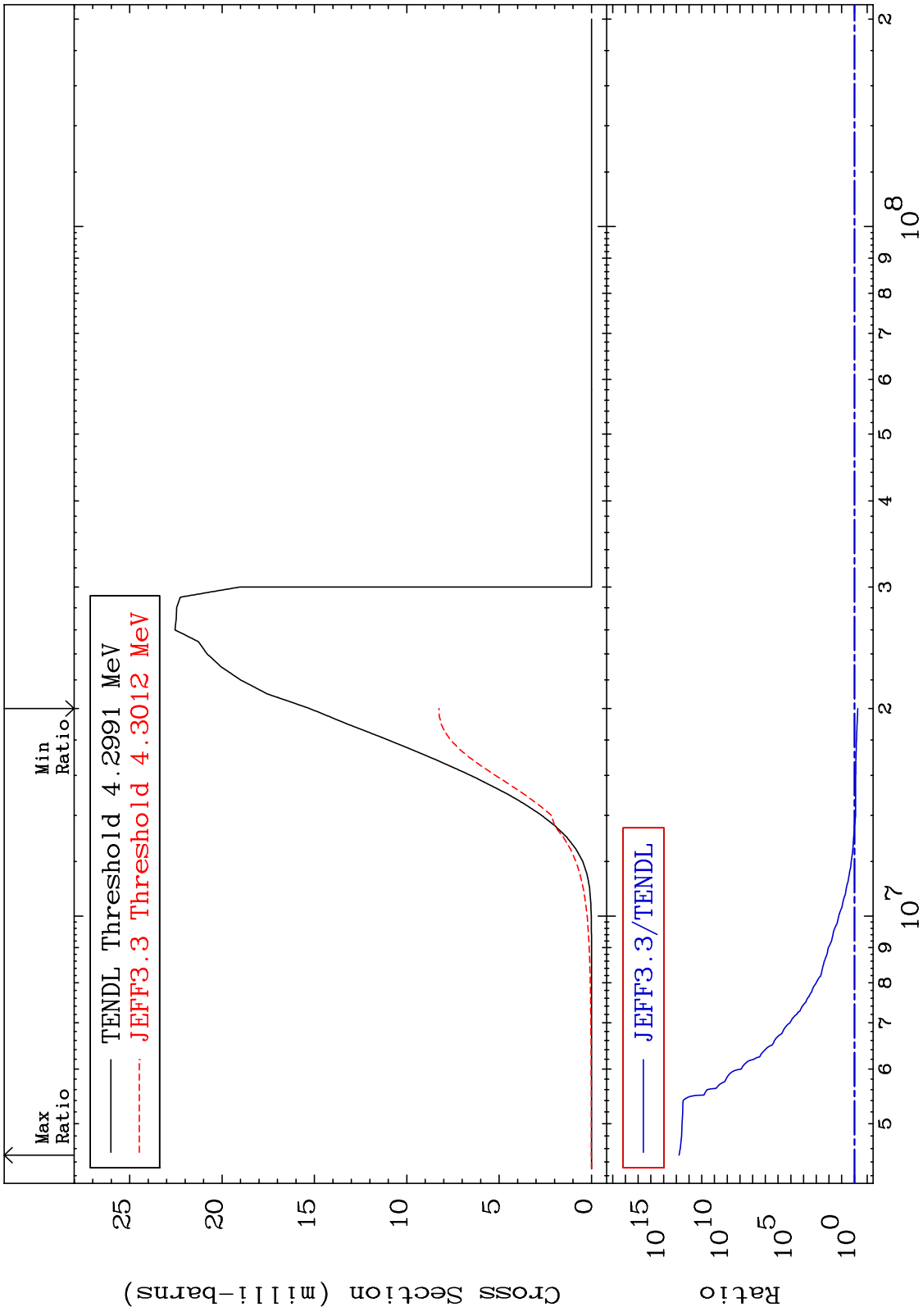
-99.87 To 9999. %

Cross Section





MAT 4731 (n,d) Cross Section 47-Ag-109 -45.92 To 9999. %



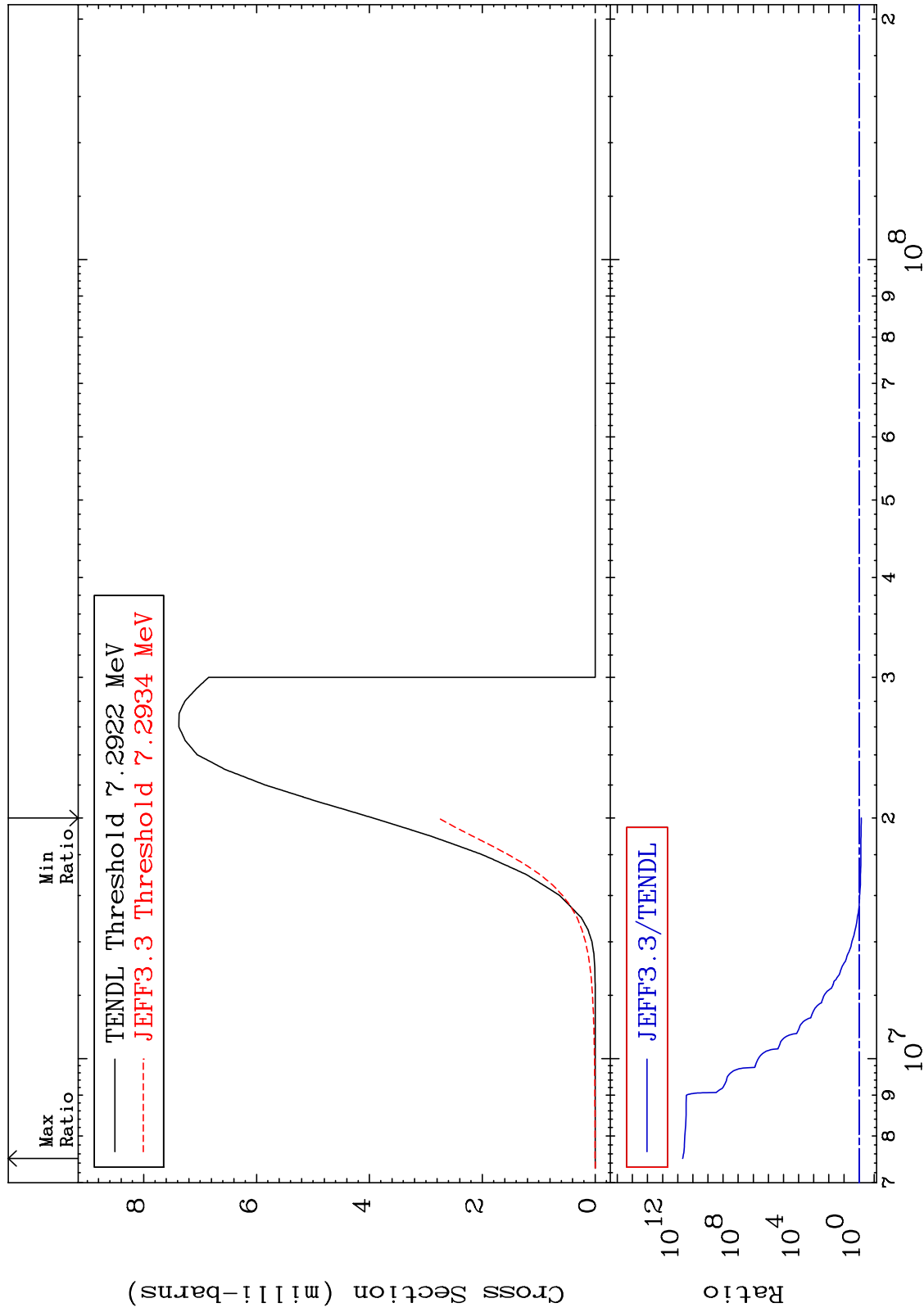
MAT 4731

(n, t)

47-Ag-109

Cross Section

-29.37 To 9999. %



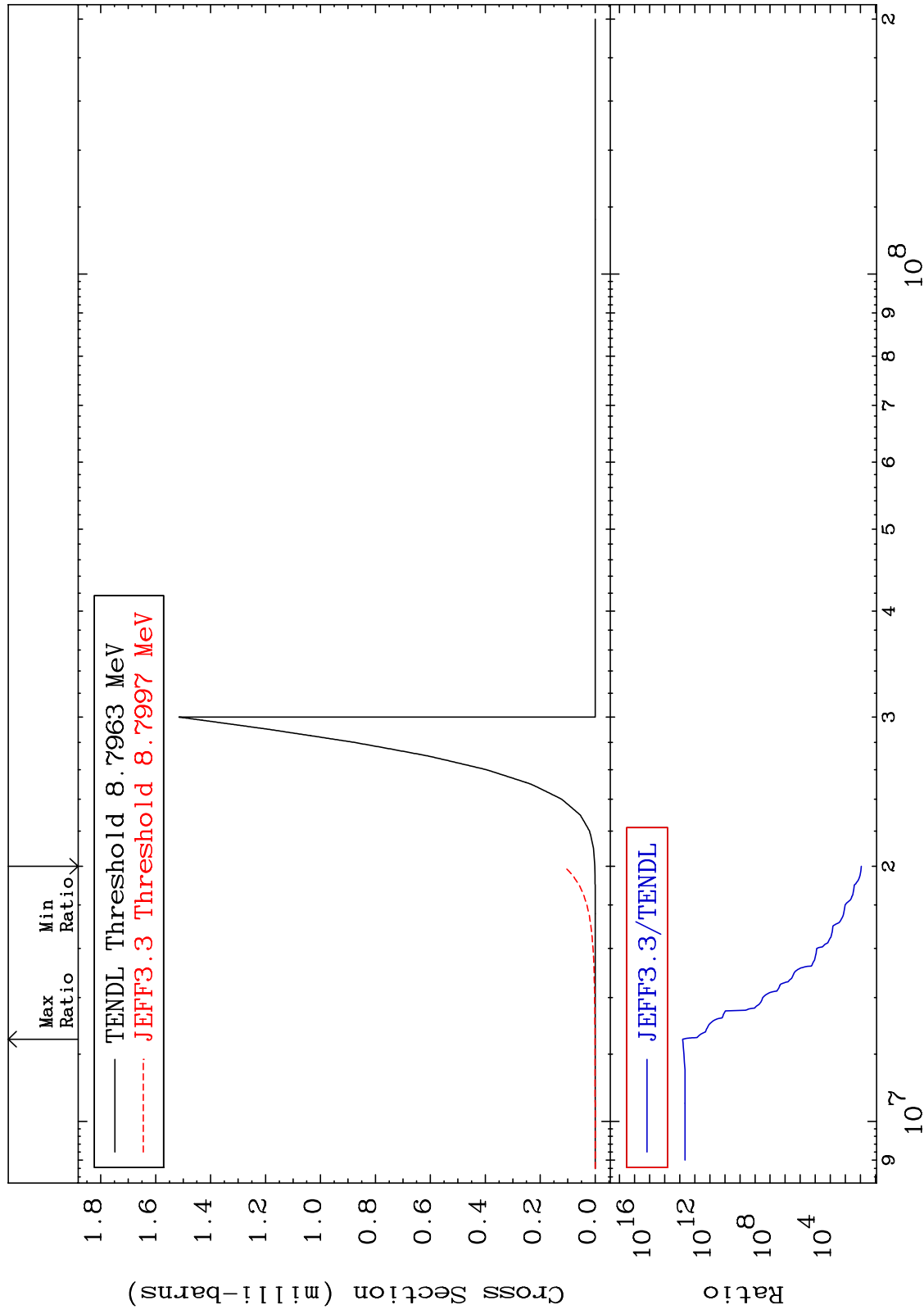
MAT 4731

(n, He-3)

47-Ag-109

Cross Section

8533. To 9999. %



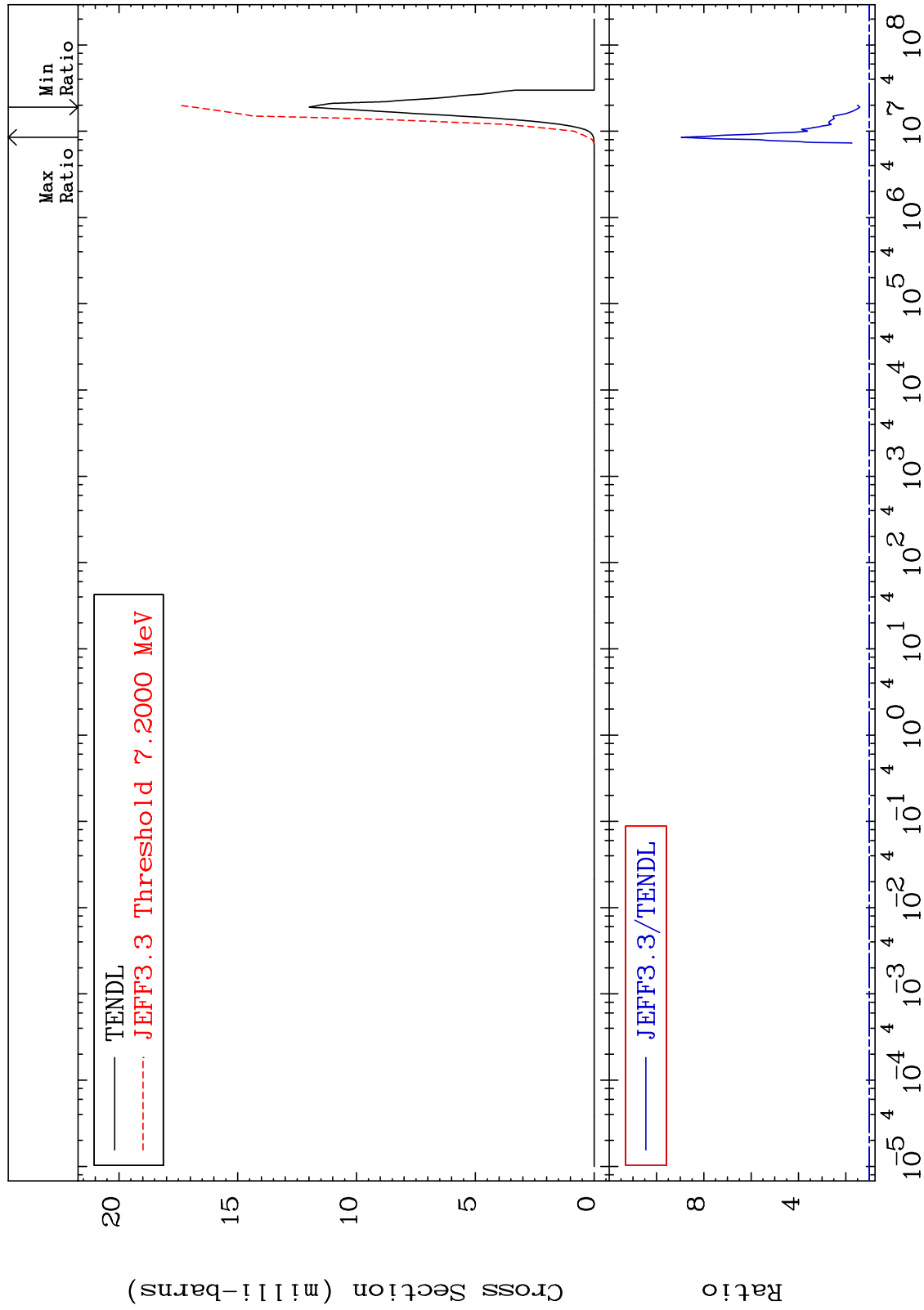
MAT 4731

(n, α)

Cross Section

47-Ag-109

40.53 To 794.7 %



25

Incident Energy (eV)

47-Ag-109

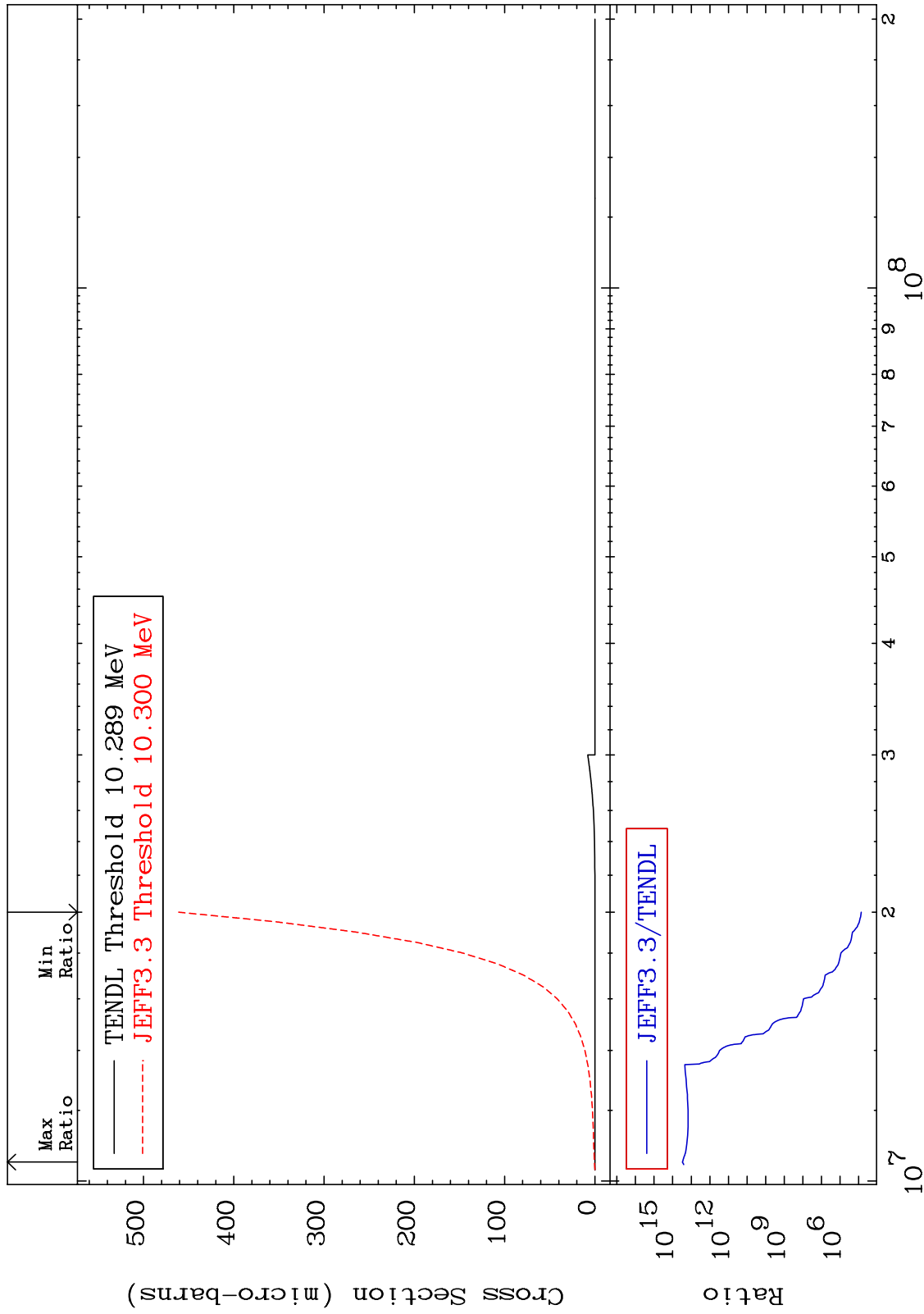
MAT 4731

(n,2p)

47-Ag-109

Cross Section

9999. To 9999. %



26

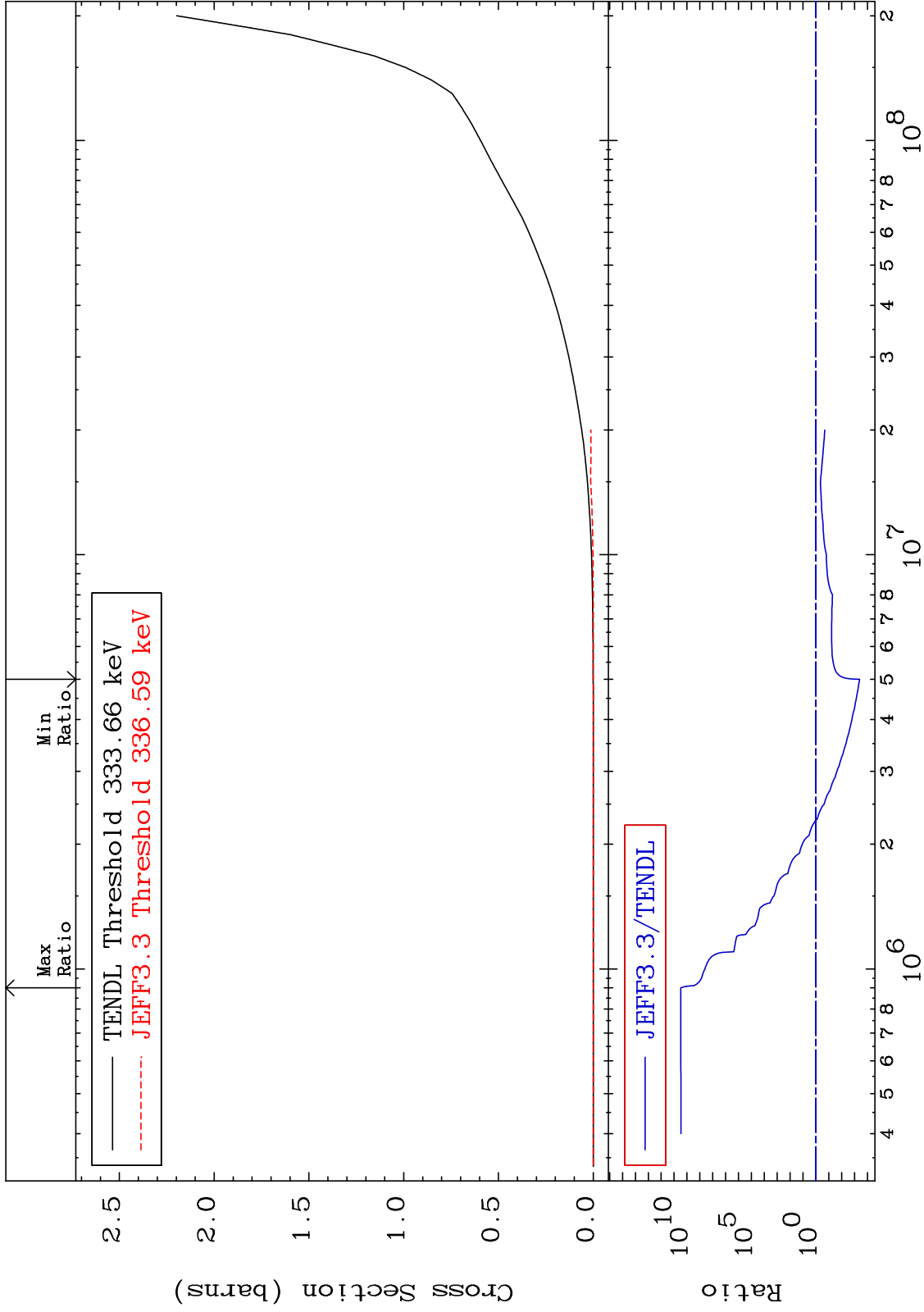
Incident Energy (eV)

47-Ag-109

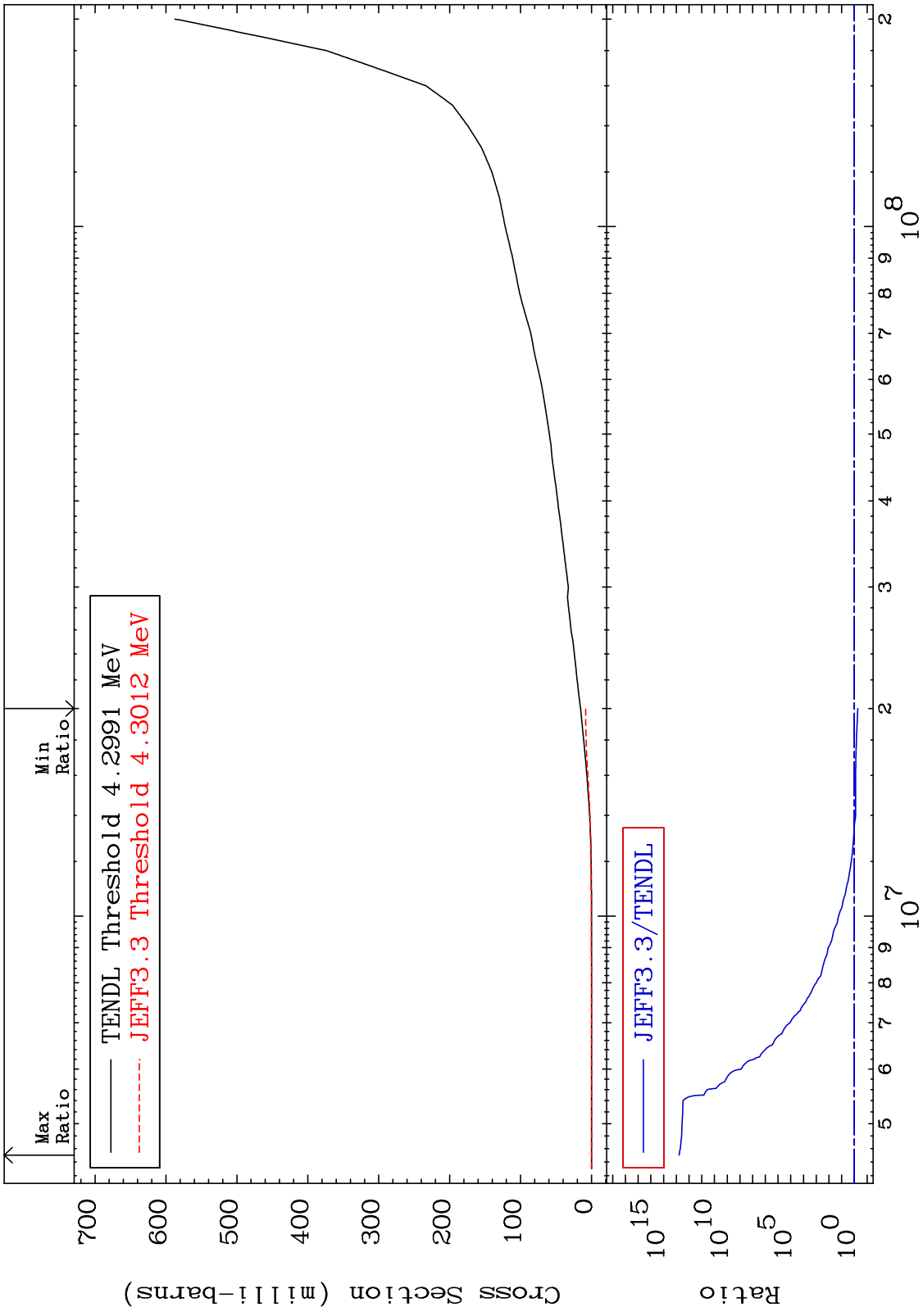
MAT 4731

Hydrogen Production
Cross Section

47-Ag-109
-99.96 To 9999. %



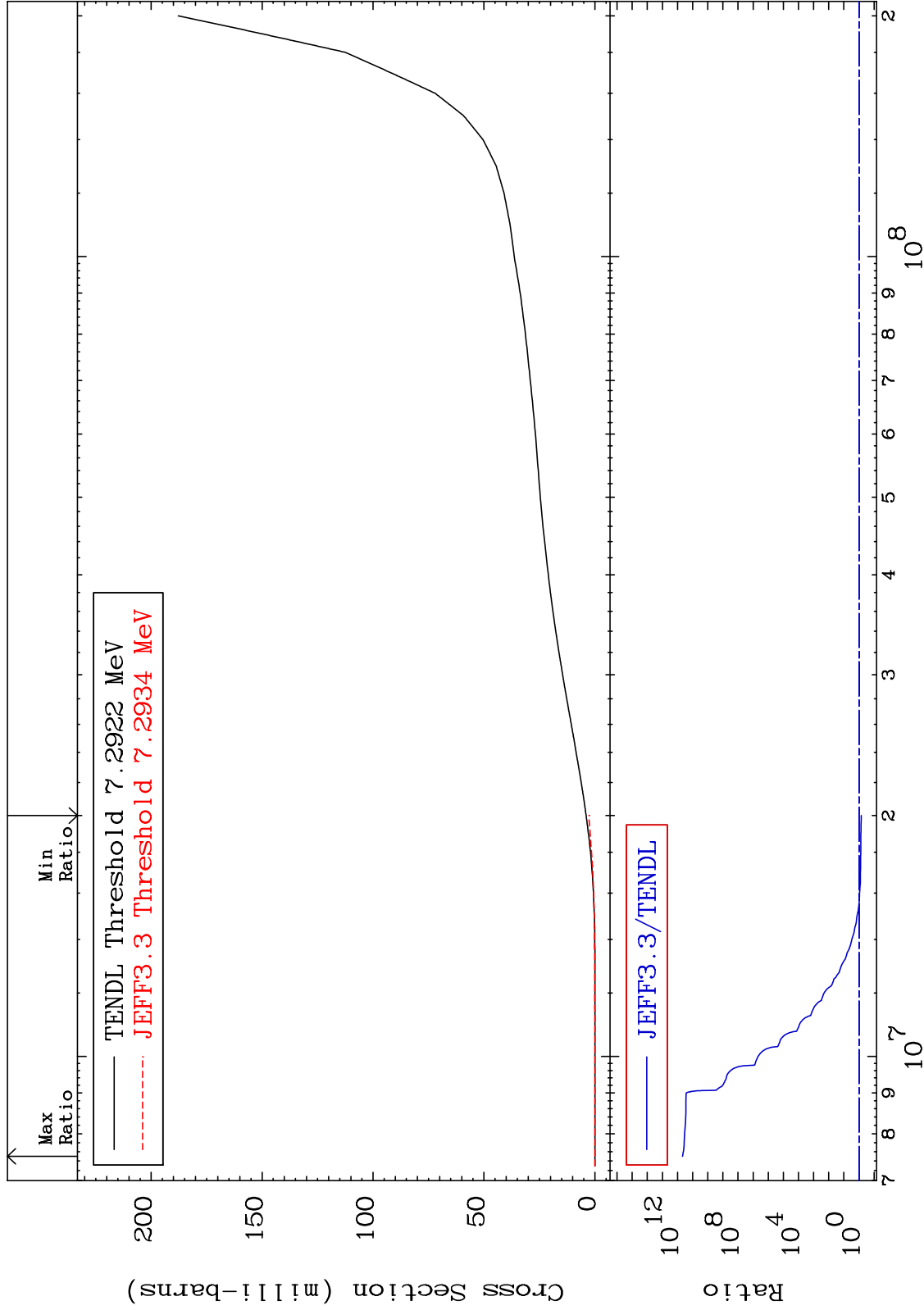
MAT 4731 Deuterium Production Cross Section 47-Ag-109 -46.50 To 9999. %



MAT 4731

Tritium Production
Cross Section

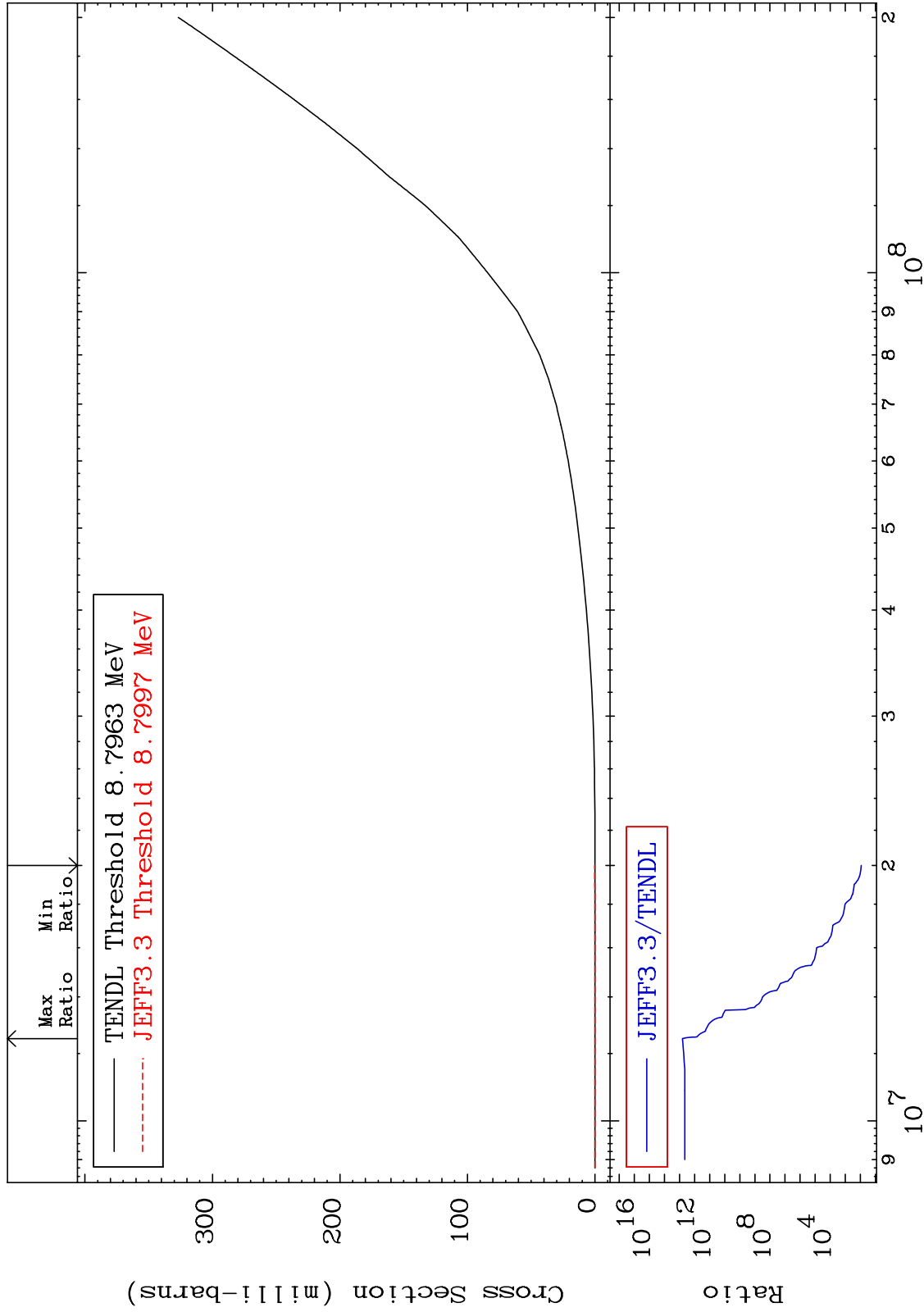
47-Ag-109
-29.70 To 9999. %



MAT 4731

He-3 Production
Cross Section

47-Ag-109
8533. To 9999. %



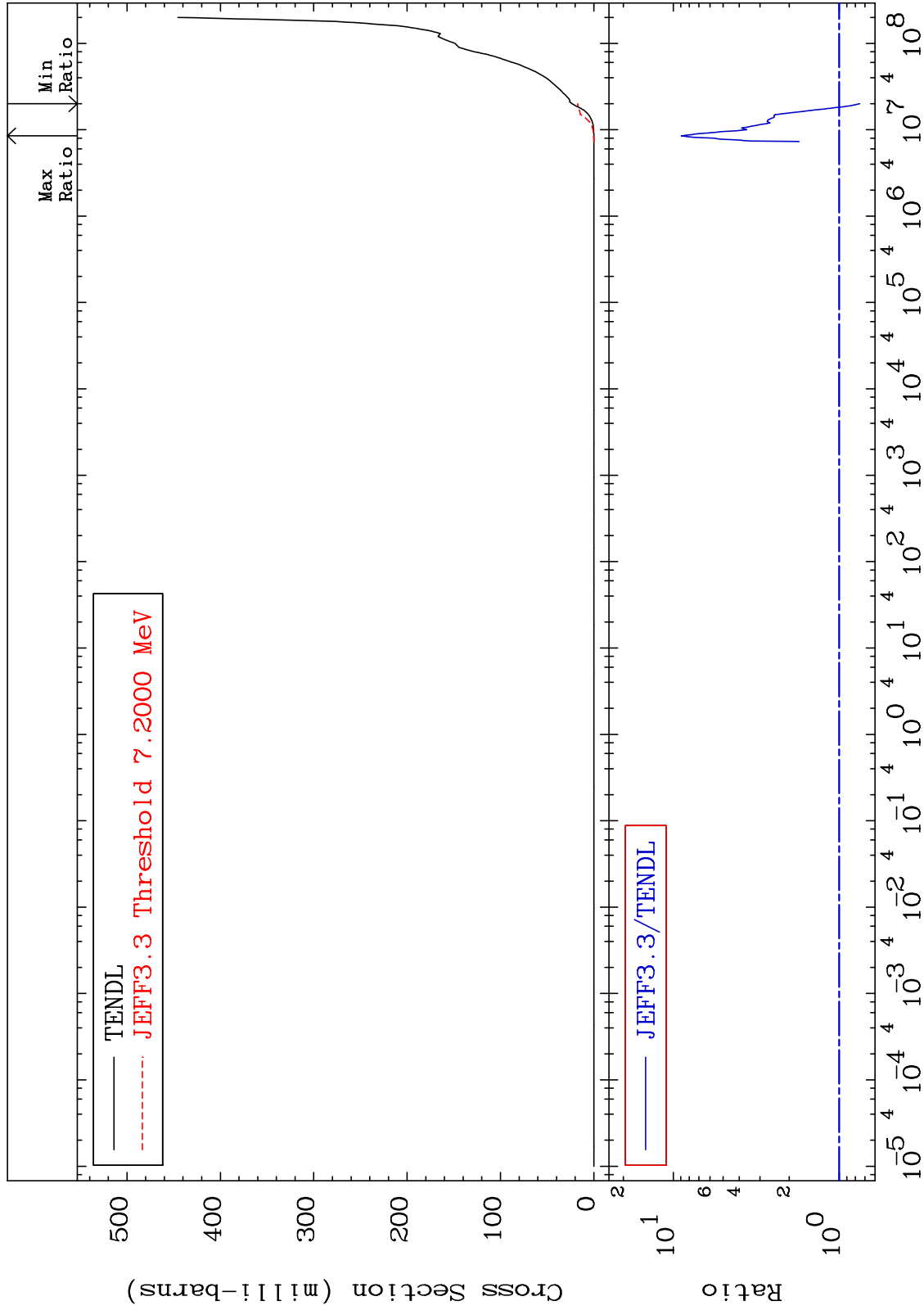
30

47-Ag-109

MAT 4731

He-4 Production
Cross Section

47-Ag-109
-24.80 To 794.7 %

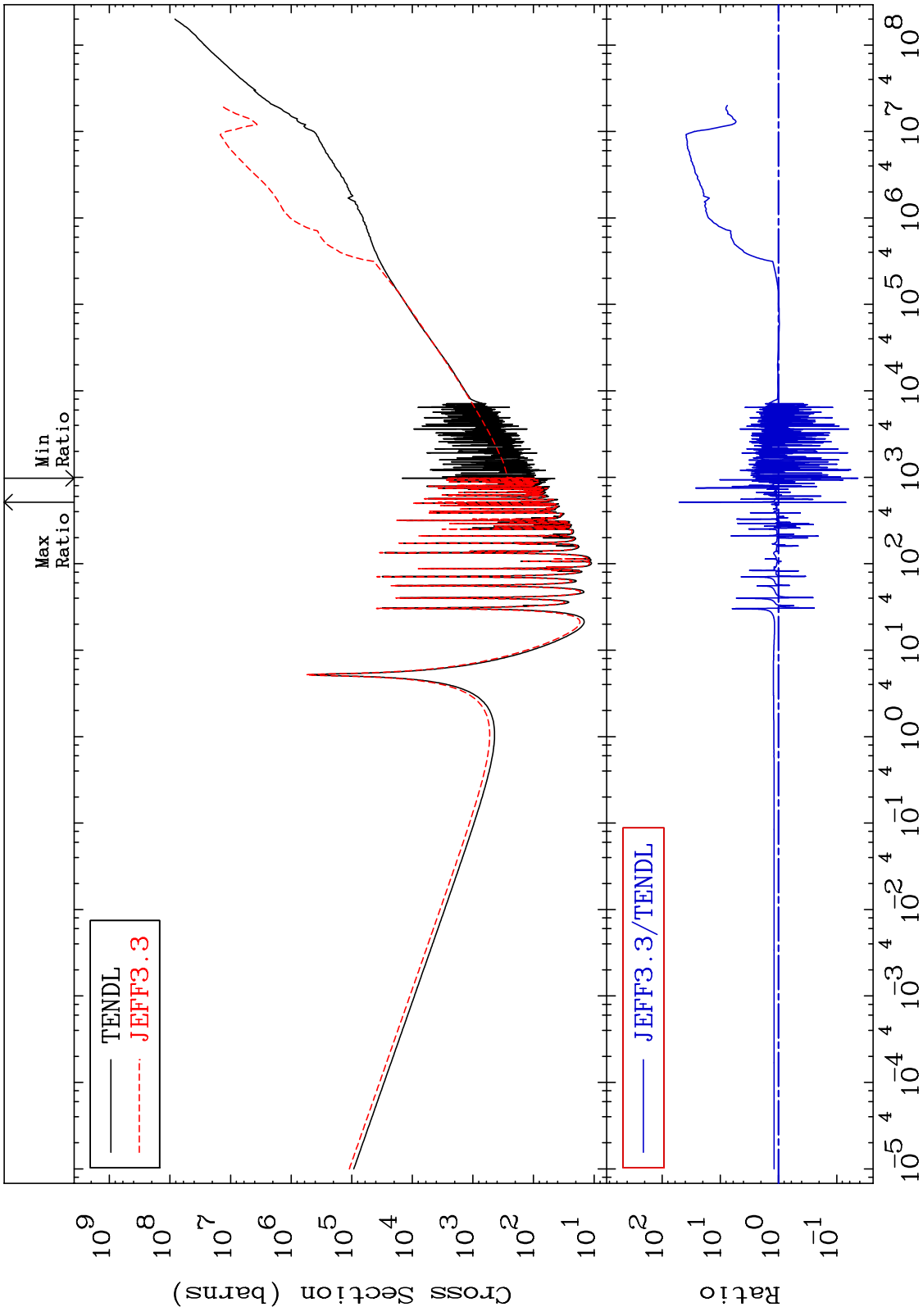


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Incident Energy (eV)

47-Ag-109

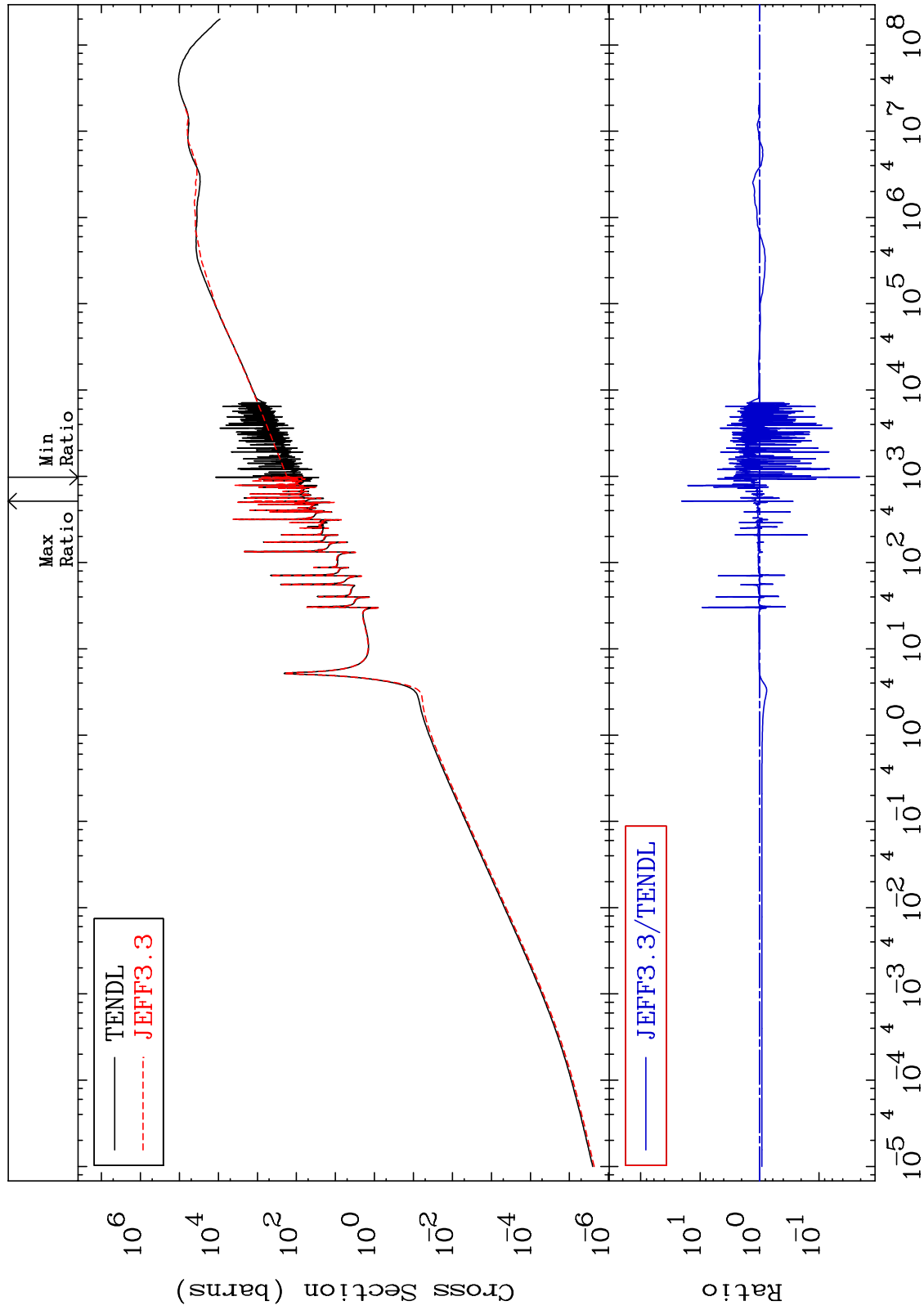
MAT 4731 Kerma total (eV-barns) 47-Ag-109
 Cross Section -95.67 To 5016. %



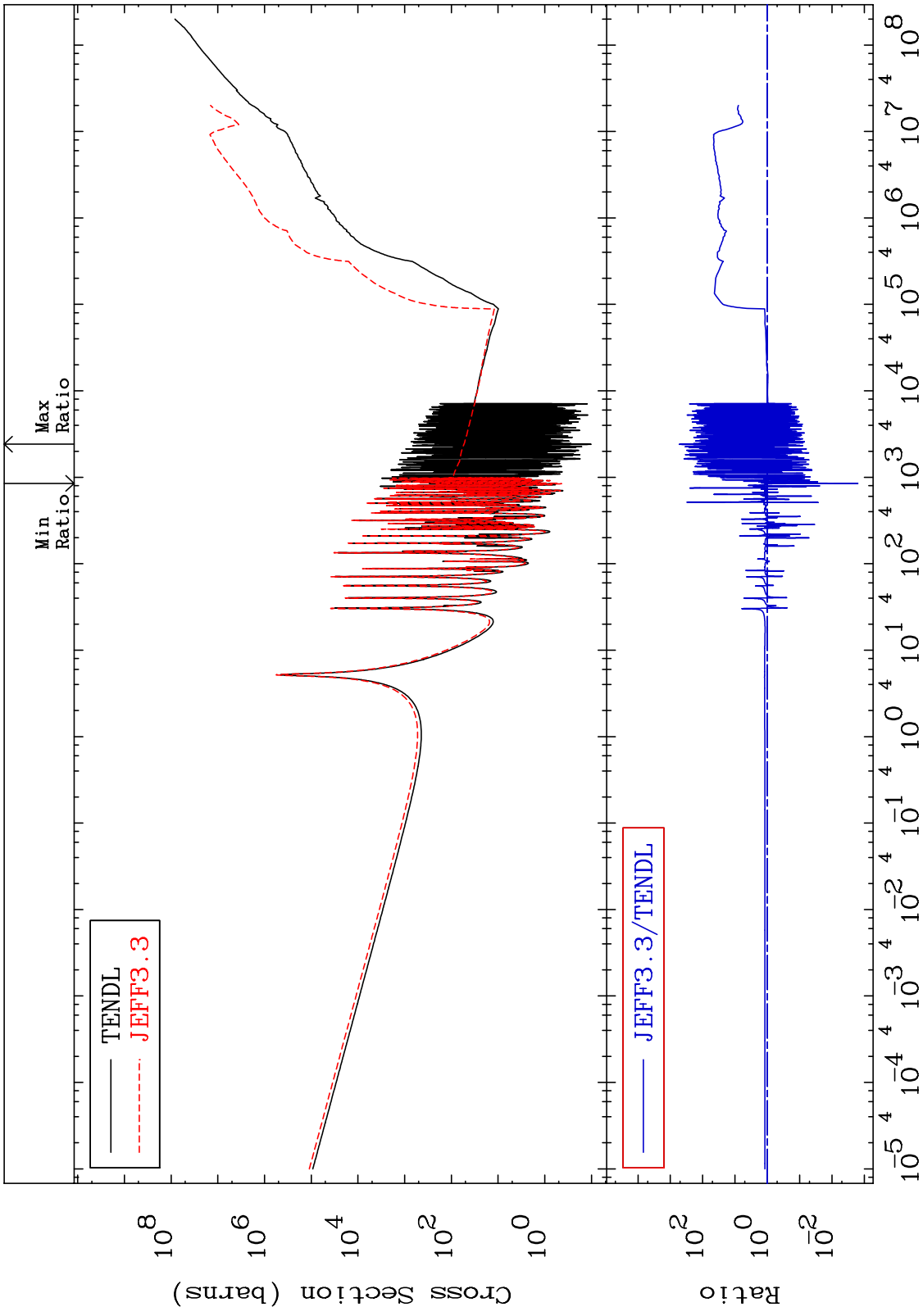
MAT 4731

Kerma elastic
Cross Section

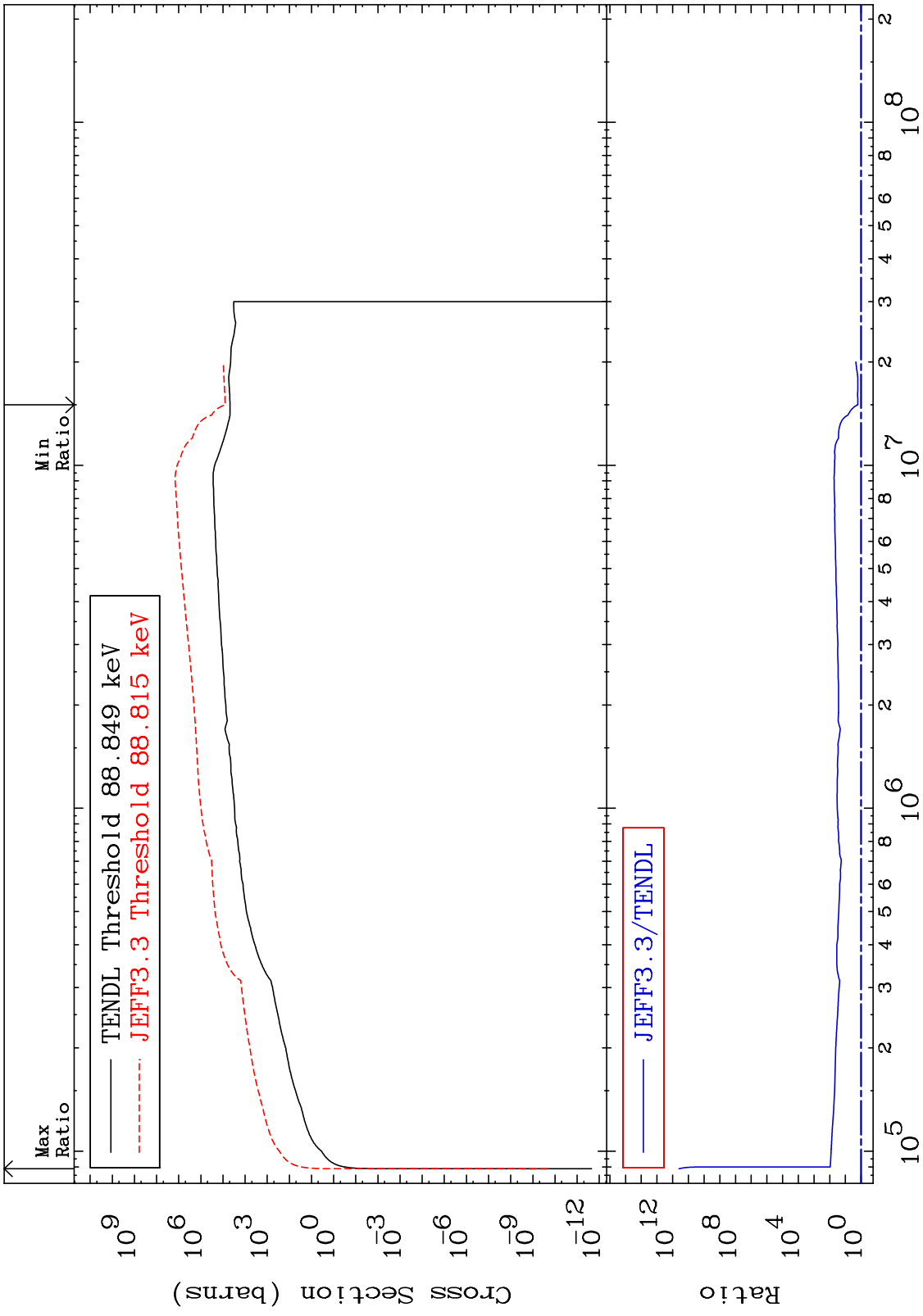
47-Ag-109
-97.94 To 1957. %



MAT 4731 Kerma non-elastic (all but mt2) 47-Ag-109
 Cross Section -99.84 To 9999. %



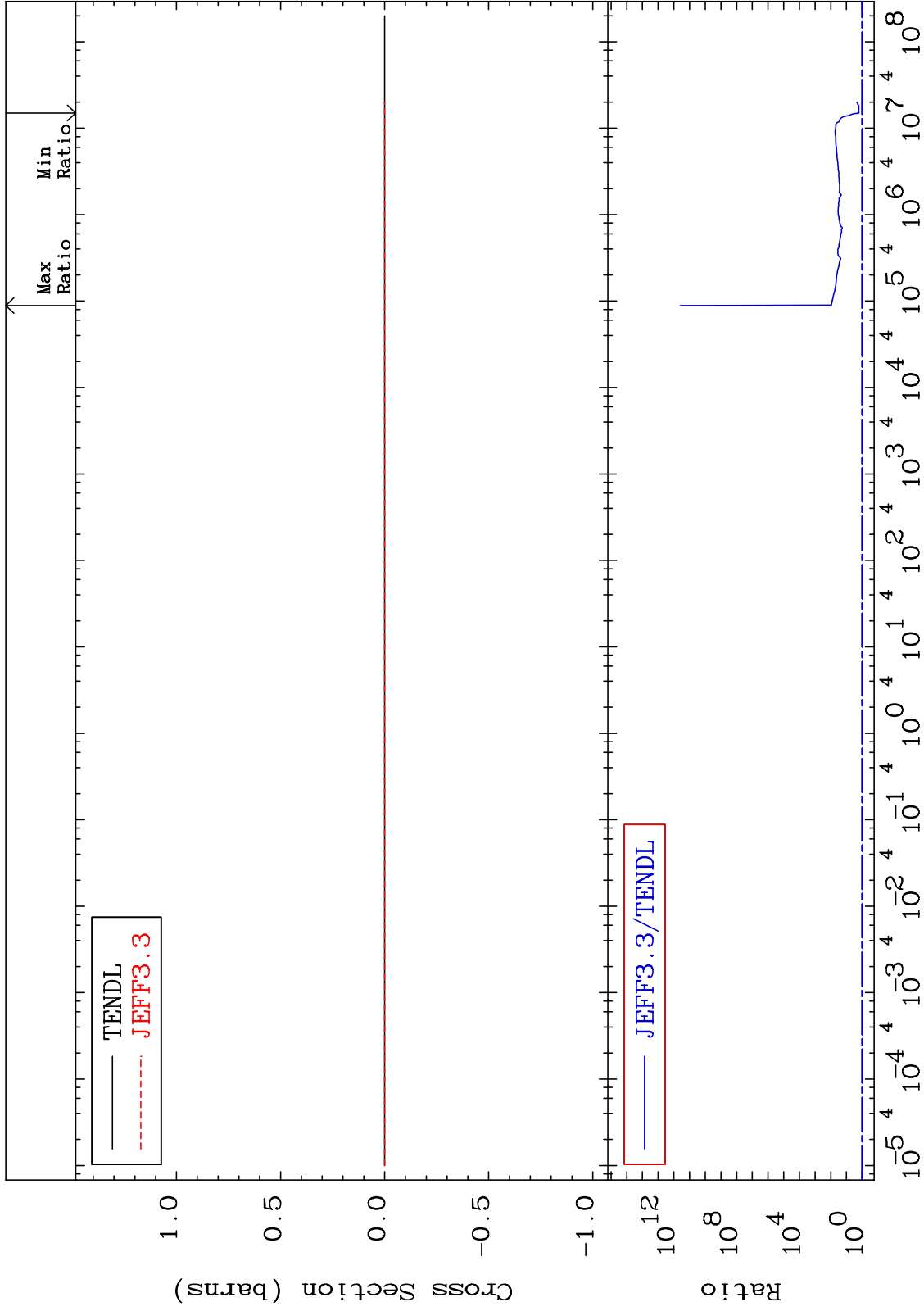
MAT 4731 Kerma inelastic (mt51-91) 47-Ag-109
 Cross Section 62.04 To 9999. %



MAT 4731

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

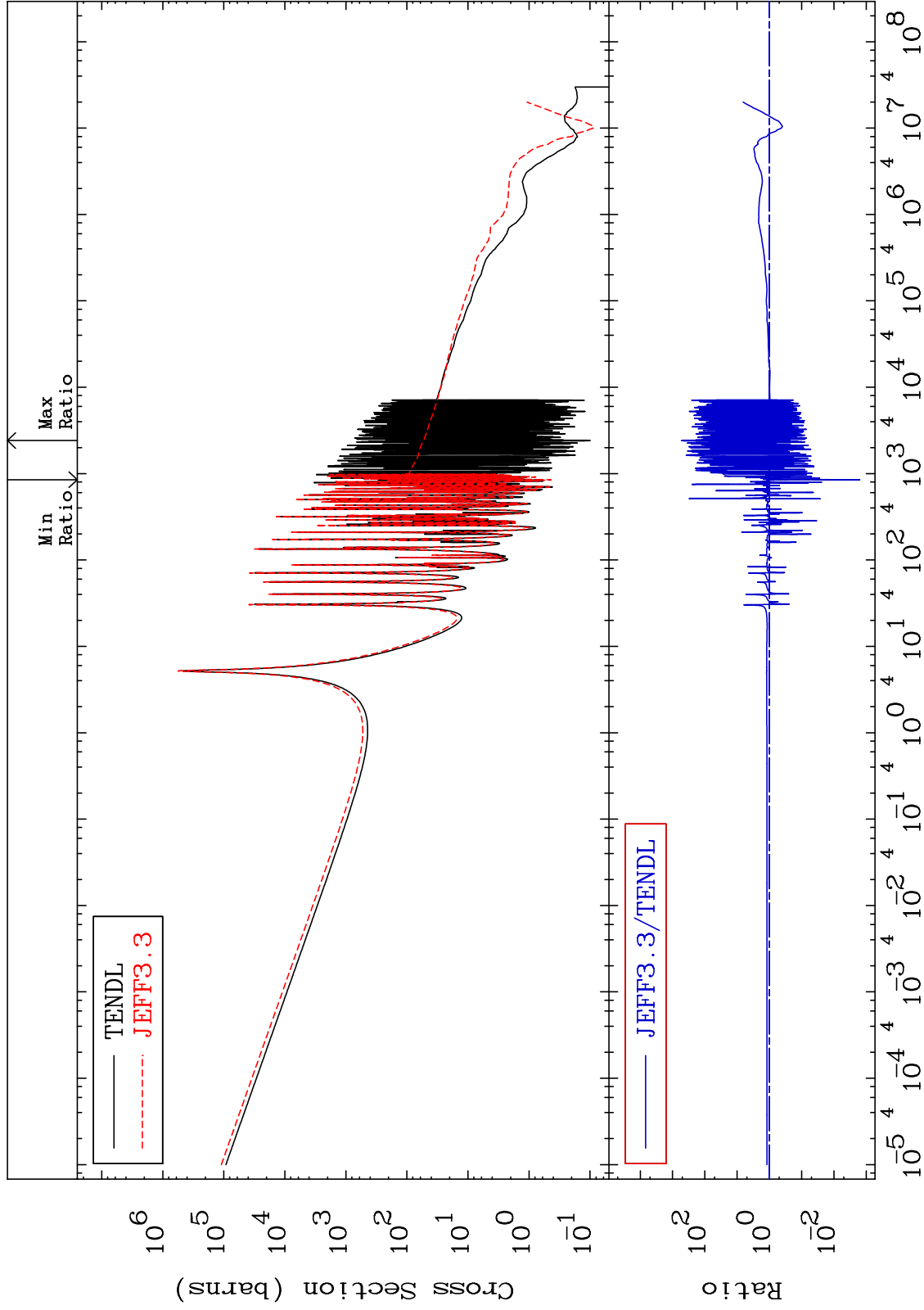
47-Ag-109
62.04 To 9999. %



MAT 4731

Kerma capture (mt102)
Cross Section

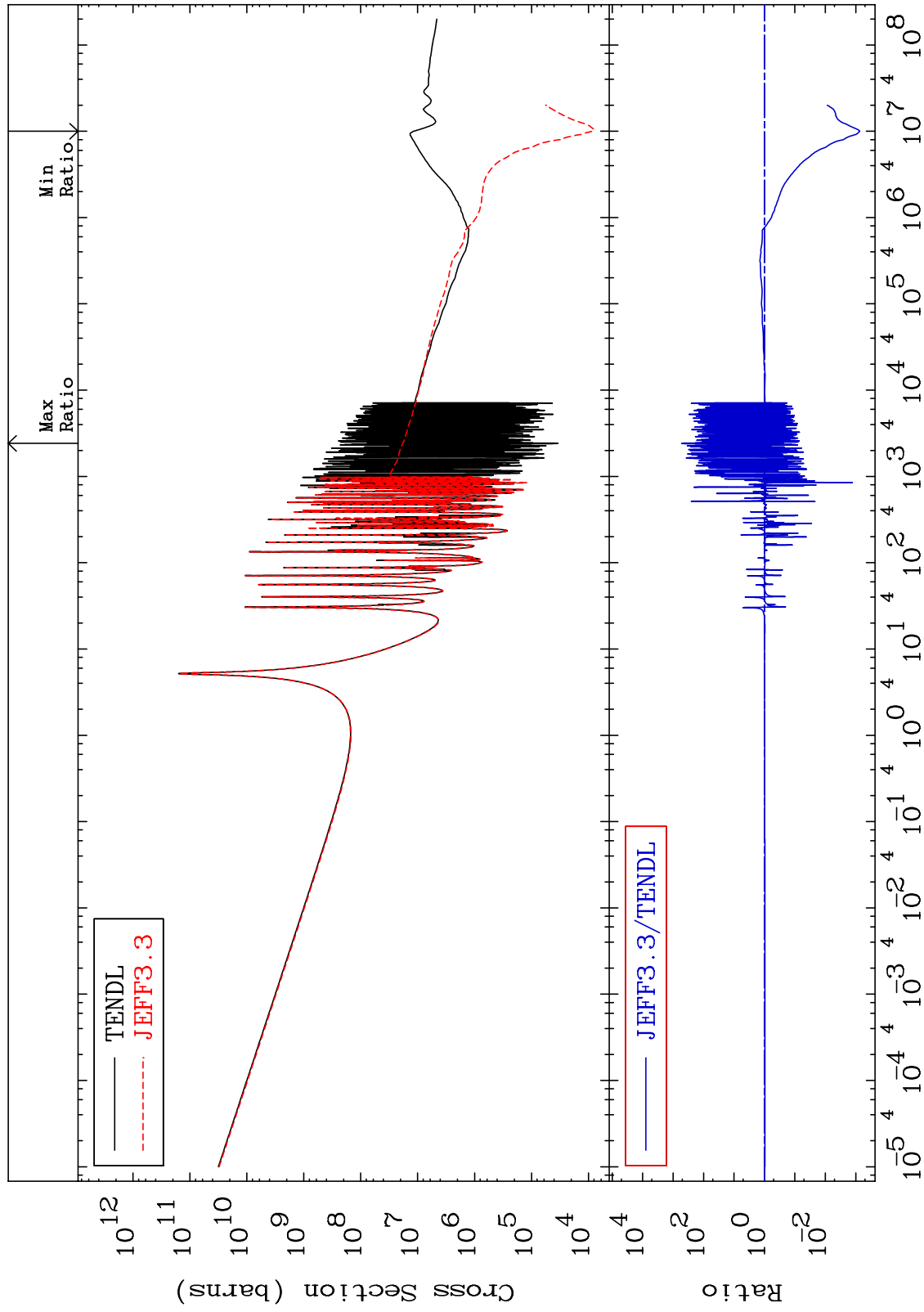
47-Ag-109
-99.84 To 9999. %



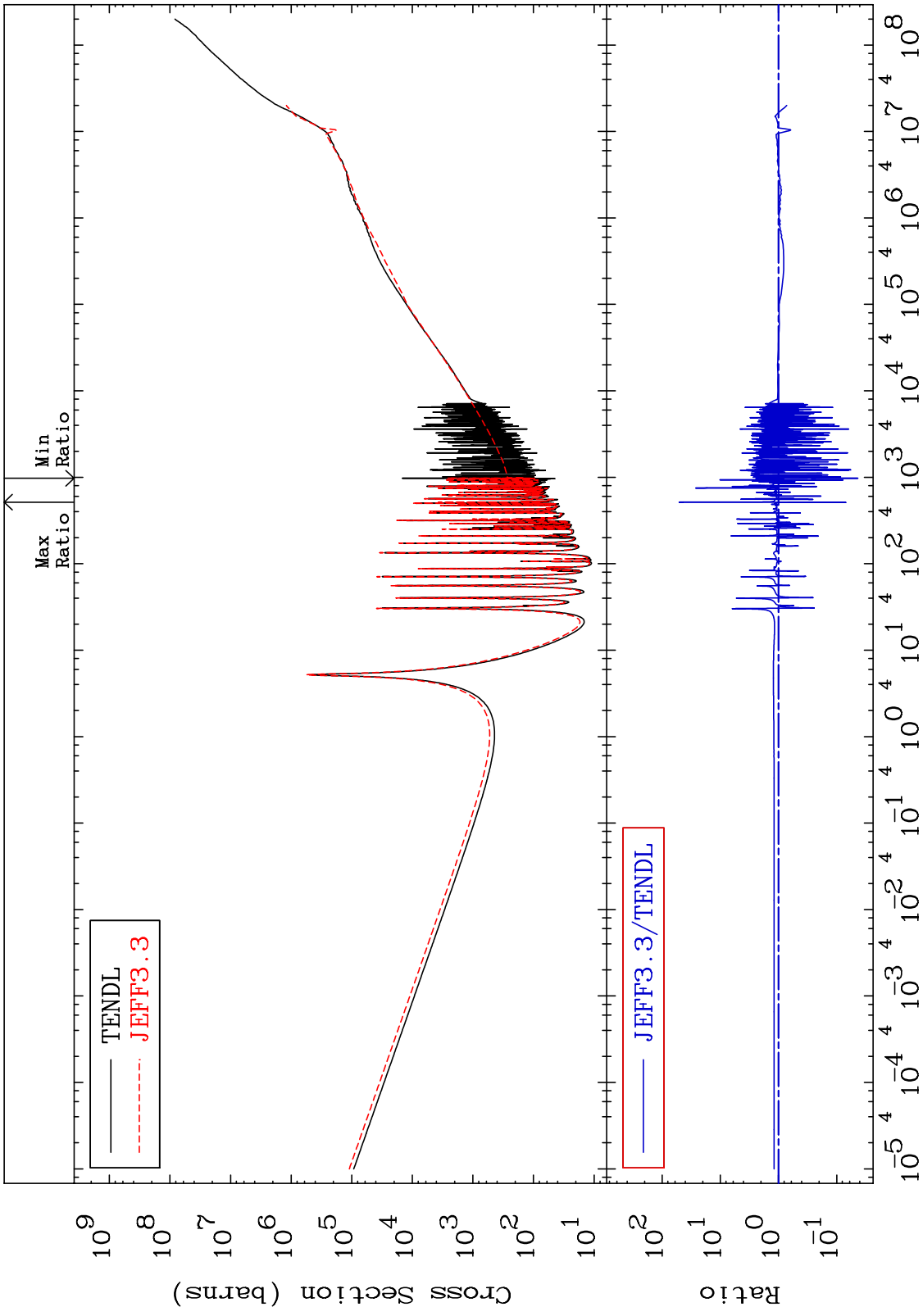
MAT 4731

Total photon (eV-barns)
Cross Section

47-Ag-109
-99.93 To 9999. %



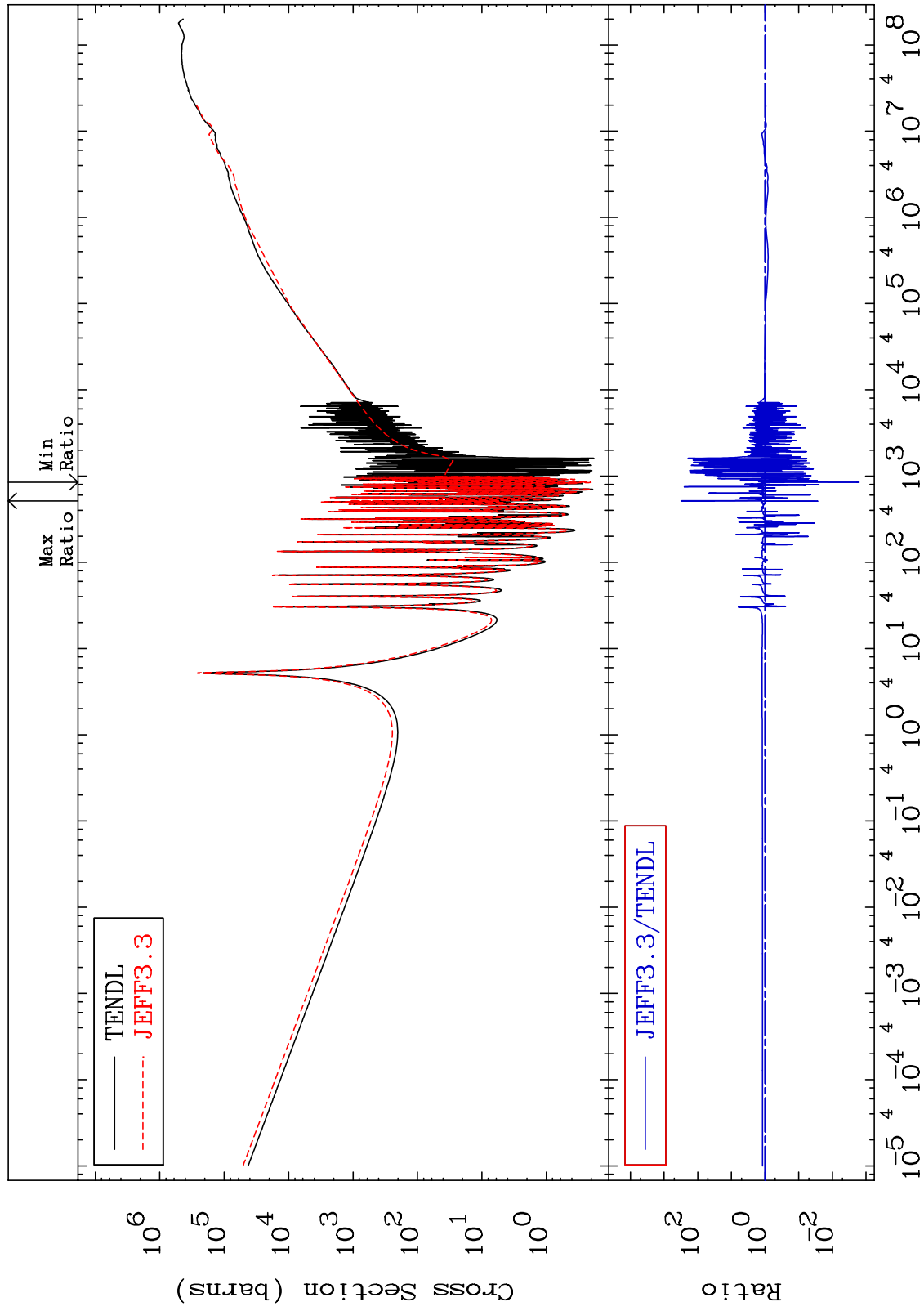
MAT 4731 Total kinematic kerma (high limit) 47-Ag-109
 Cross Section -95.67 To 5016. %



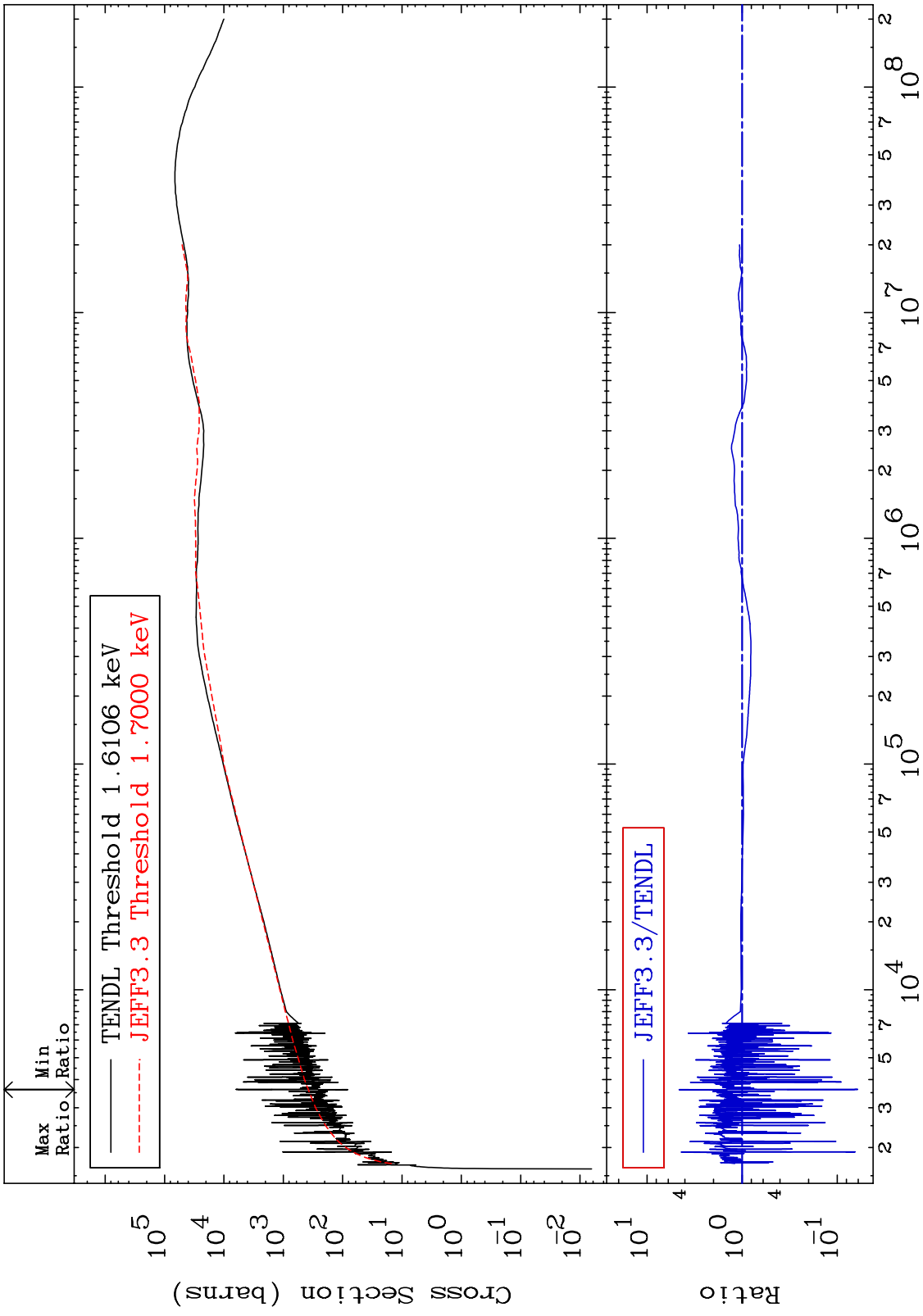
MAT 4731

Dpa total (eV-barns)
Cross Section

47-Ag-109
-99.84 To 9999. %



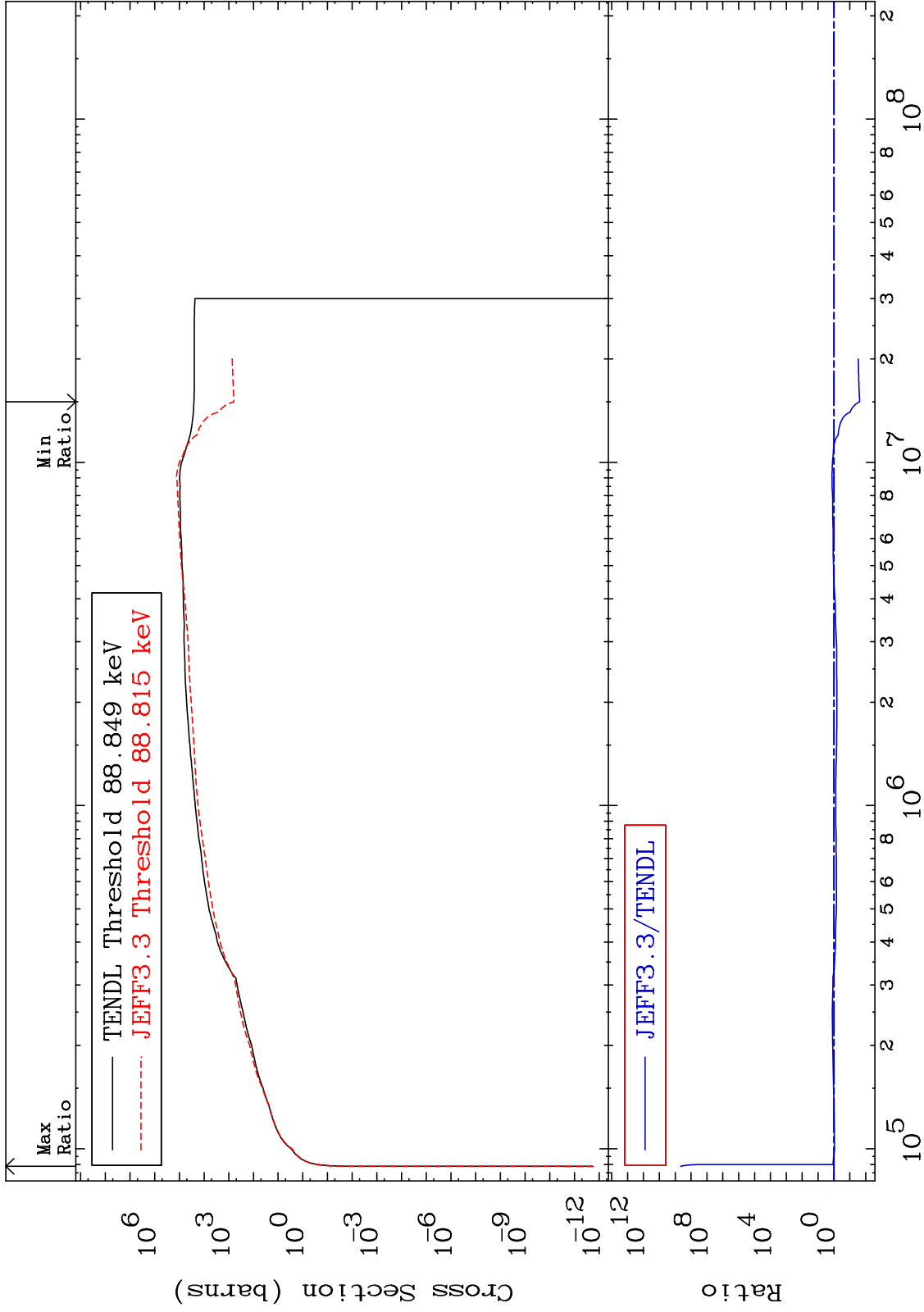
MAT 4731 47-Ag-109
 Dpa elastic (mt2) -93.94 To 361.4 %
 Cross Section



MAT 4731

Dpa inelastic (mt51-91)
Cross Section

47-Ag-109
-97.60 To 9999. %



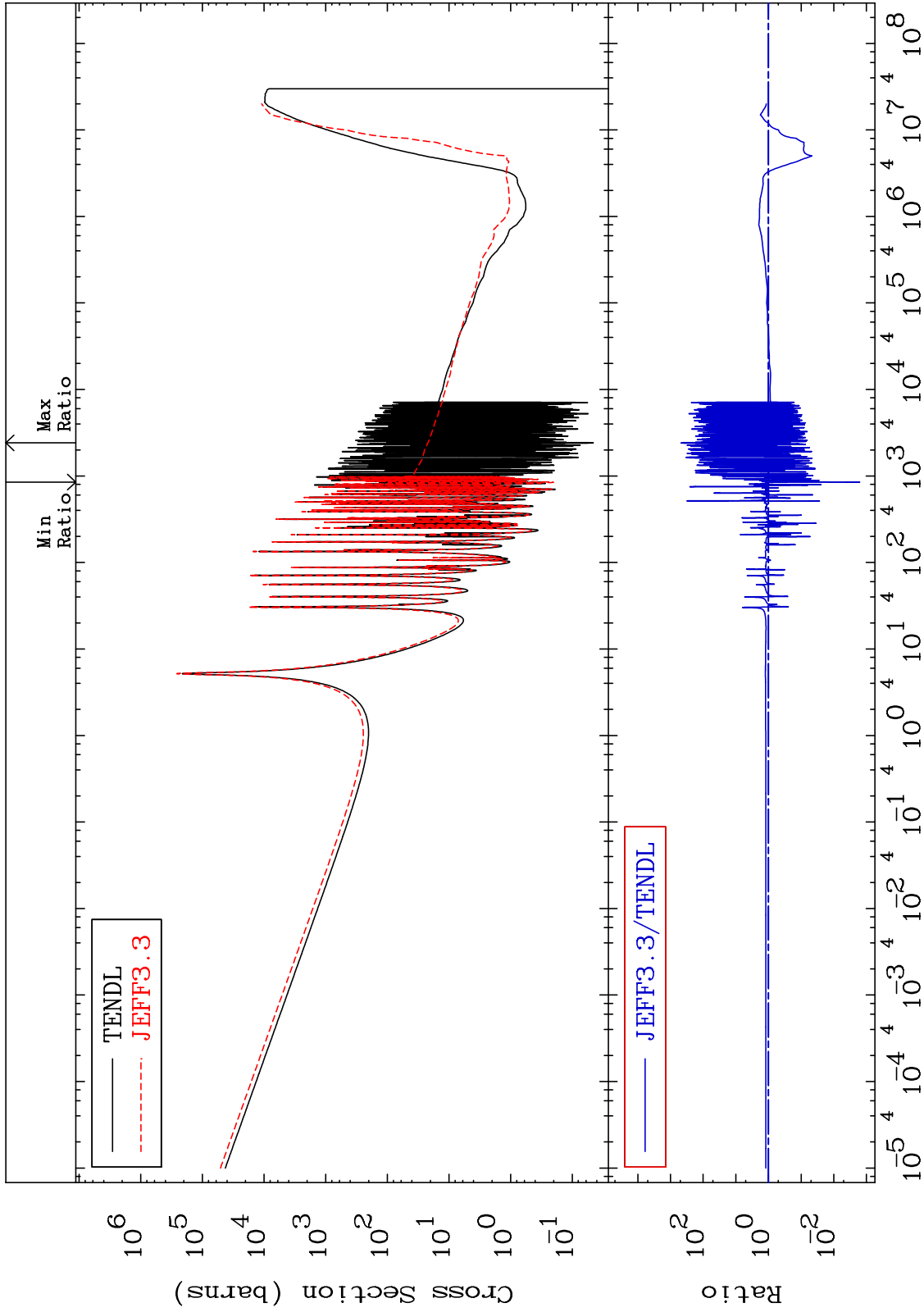
42

47-Ag-109

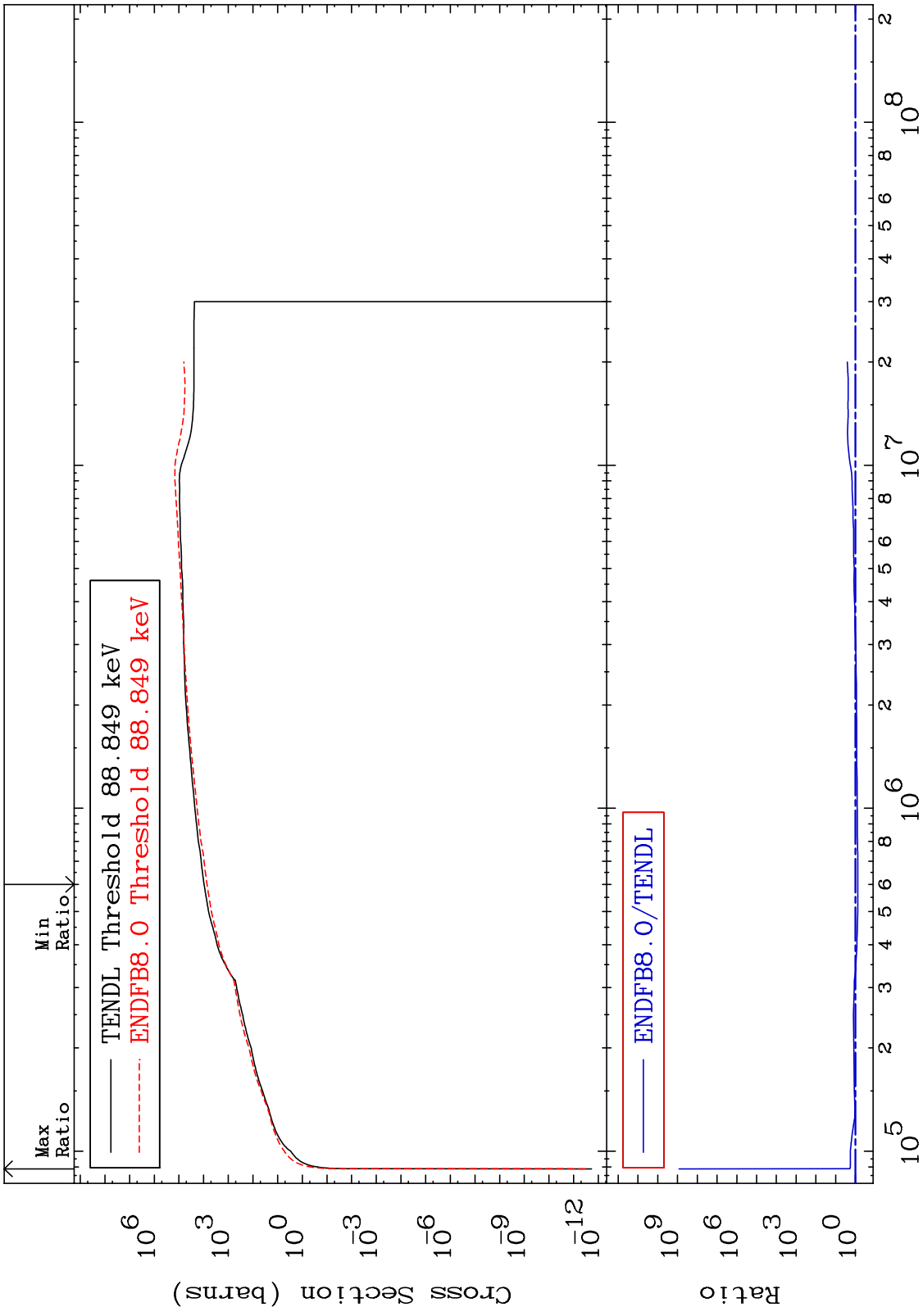
MAT 4731

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-109
-99.84 To 9999. %



MAT 4731 Dpa inelastic (mt51-91) 47-Ag-109
 Cross Section -24.32 To 9999. %



MAT 4731

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-109
-99.99 To 8390. %

