

Program Complot
(Version 2018-1)

by

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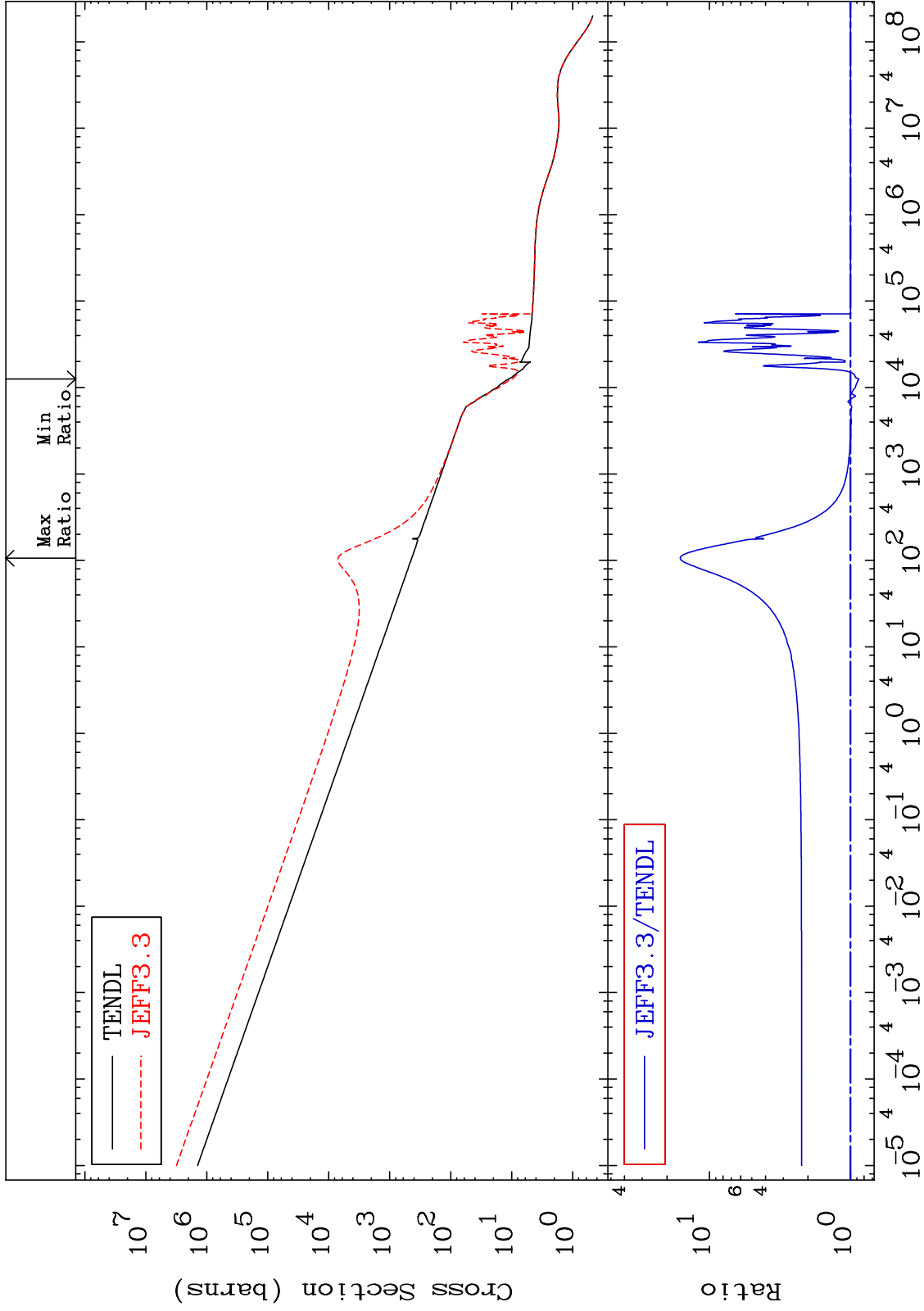
Press Mouse Button to Start

MAT 1122

11-Na-22

-12.86 To 1510. %

Total
Cross Section



11-Na-22

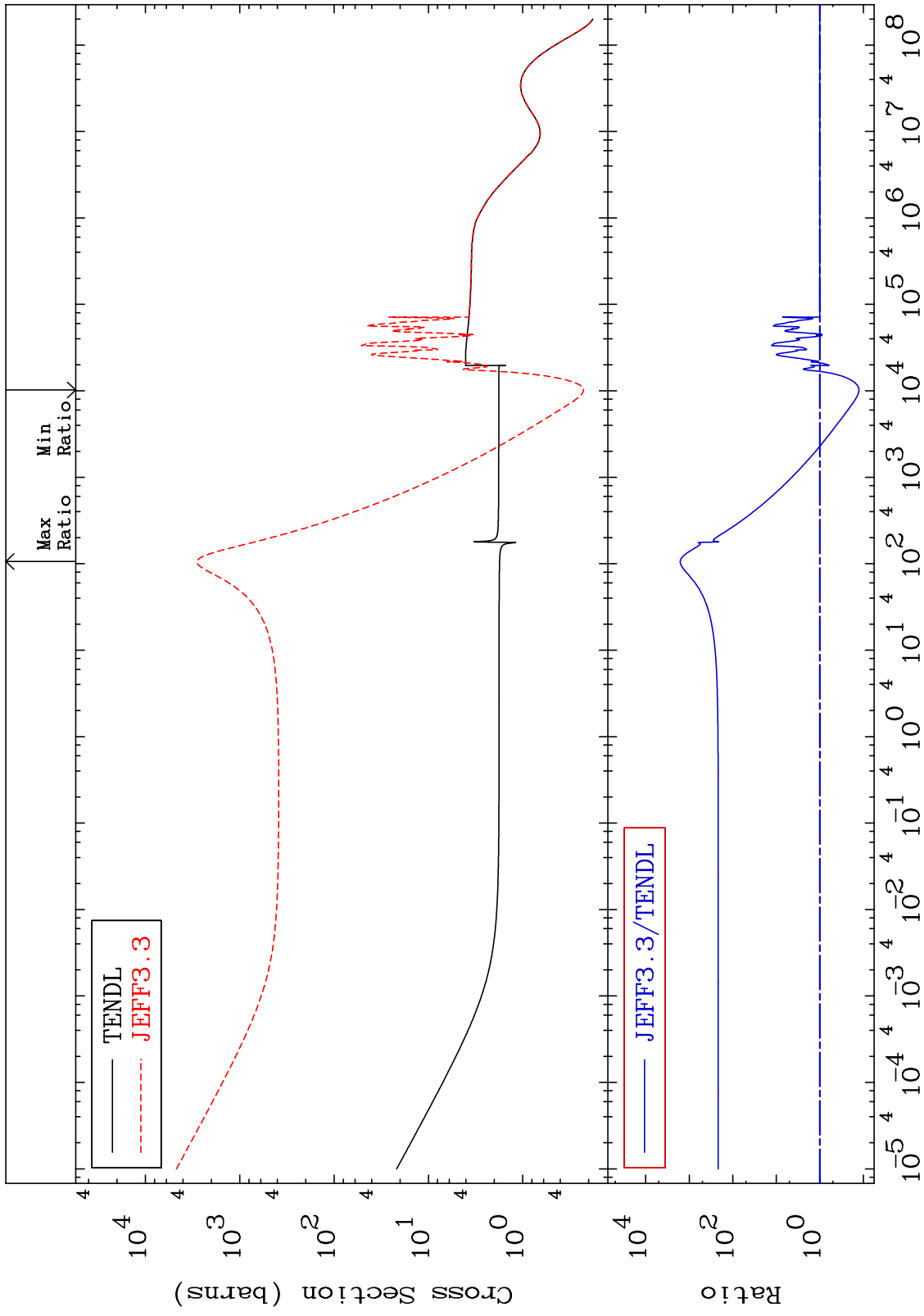
Incident Energy (eV)

1

MAT 1122

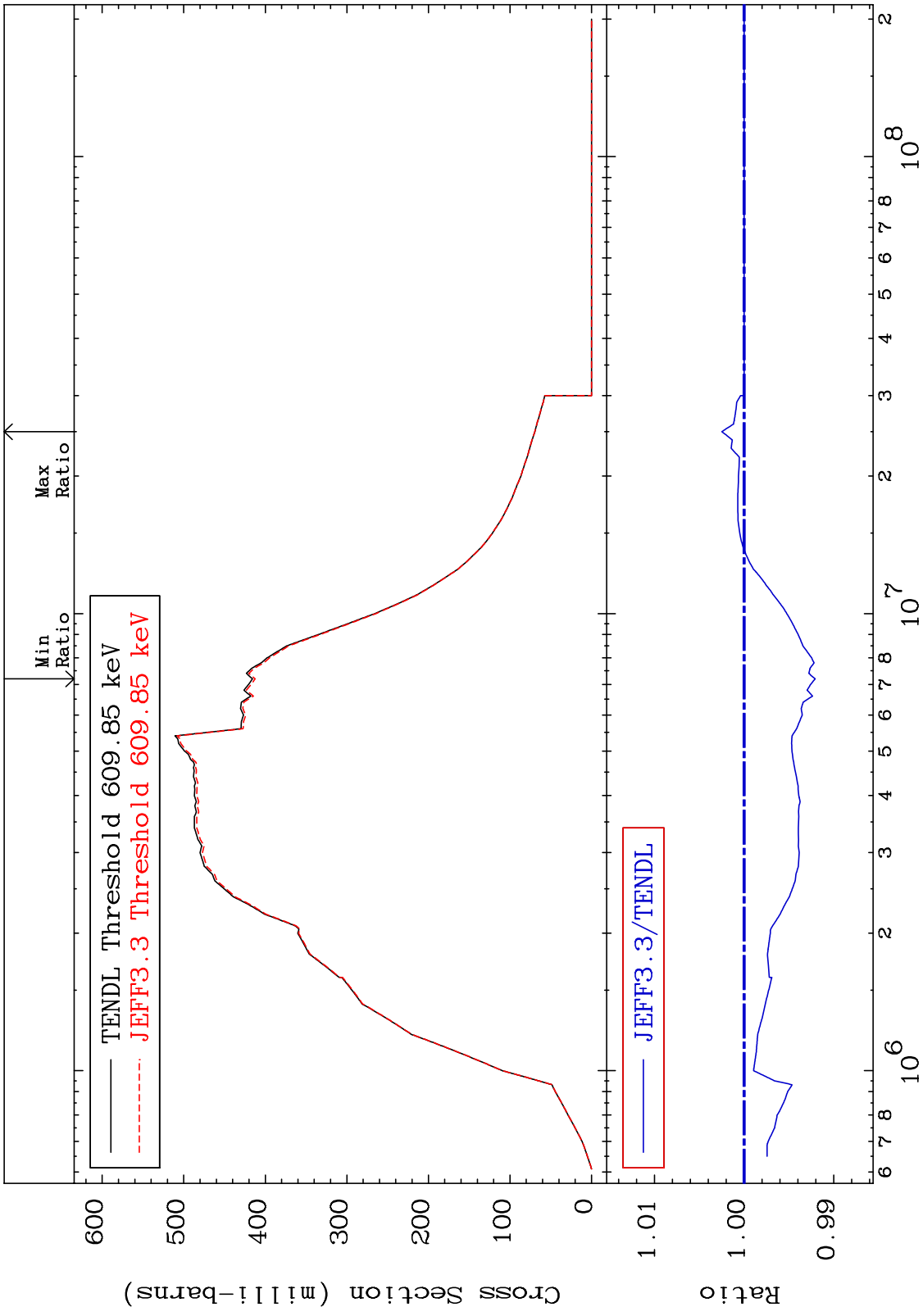
Elastic
Cross Section

11-Na-22
-87.35 To 9999. %



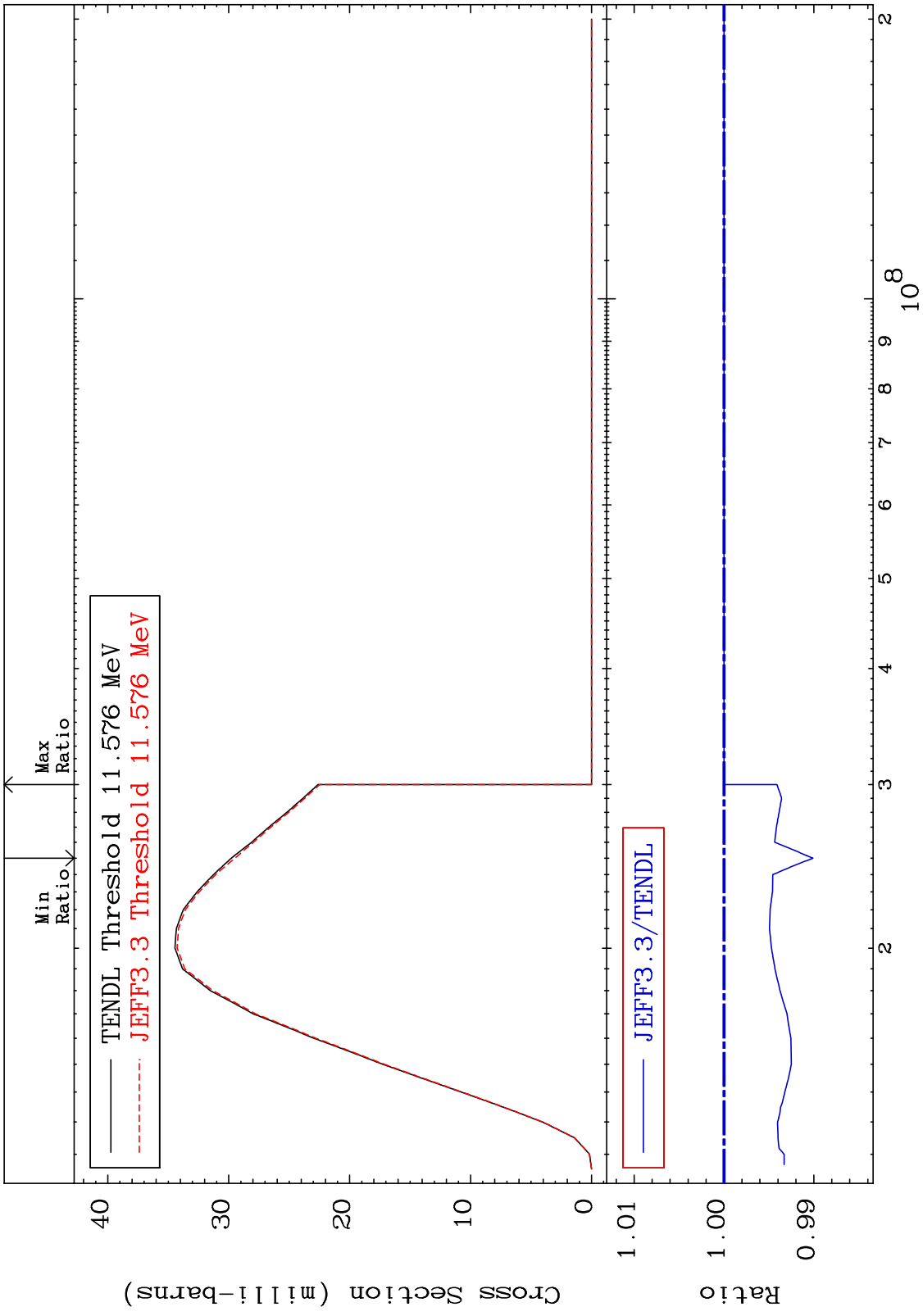
MAT 1122 11-Na-22 -0.791 To 0.250 %

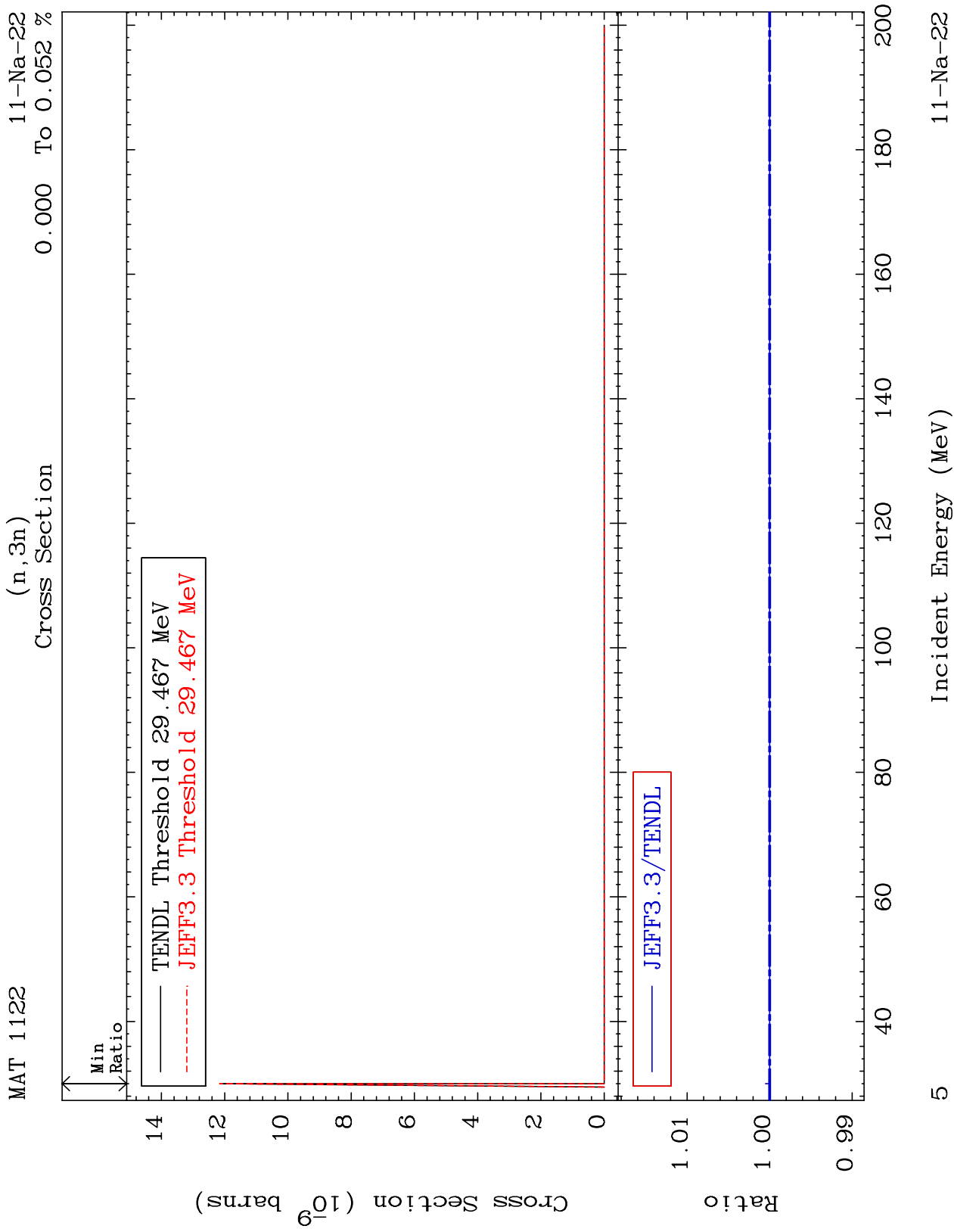
Inelastic Cross Section



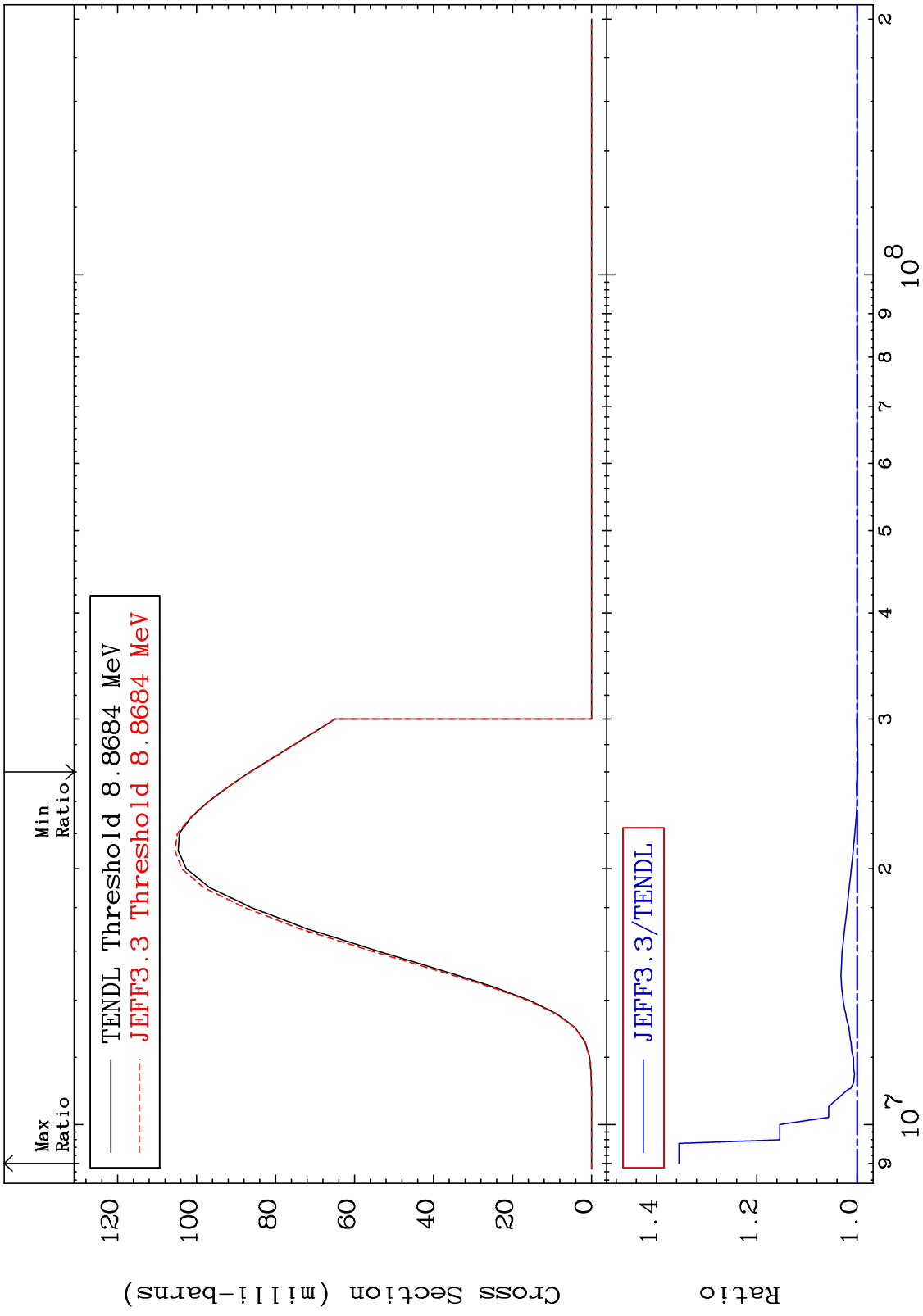
11-Na-22

MAT 1122 (n,2n) Cross Section 11-Na-22 -0.989 To 0.000 %



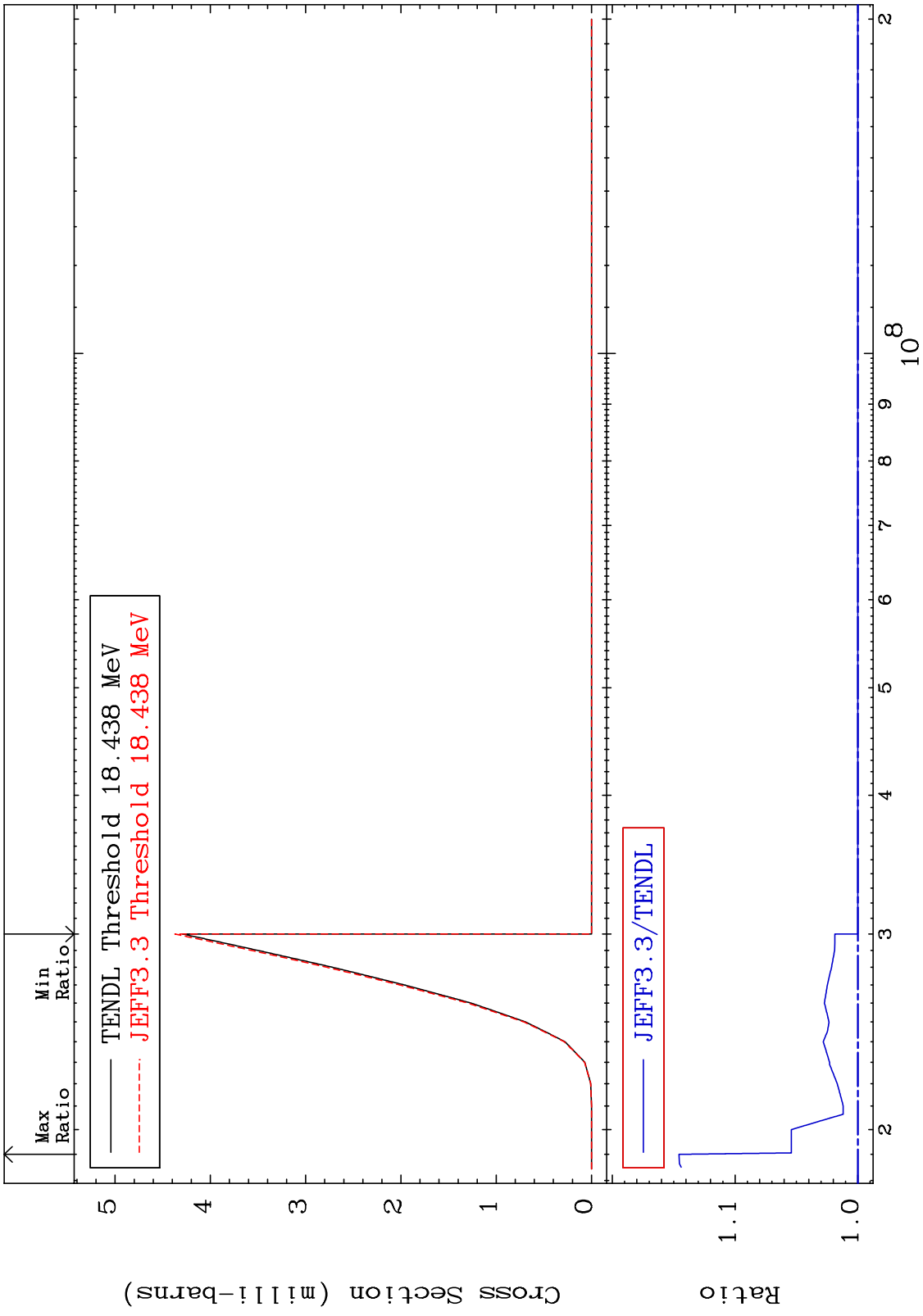


MAT 1122 $(n, n') \alpha$ Cross Section 11-Na-22 -0.150 To 35.49 %

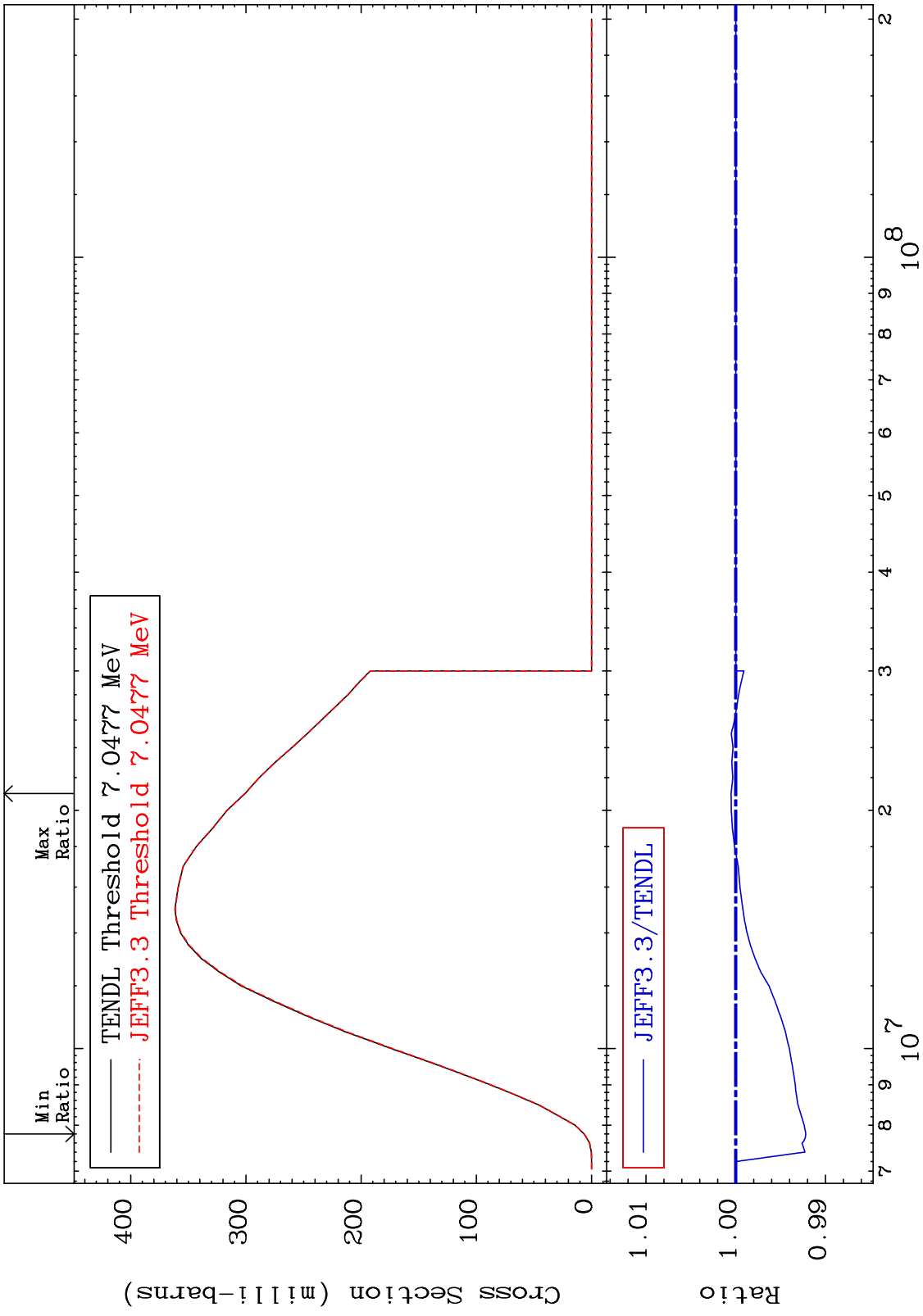


11-Na-22

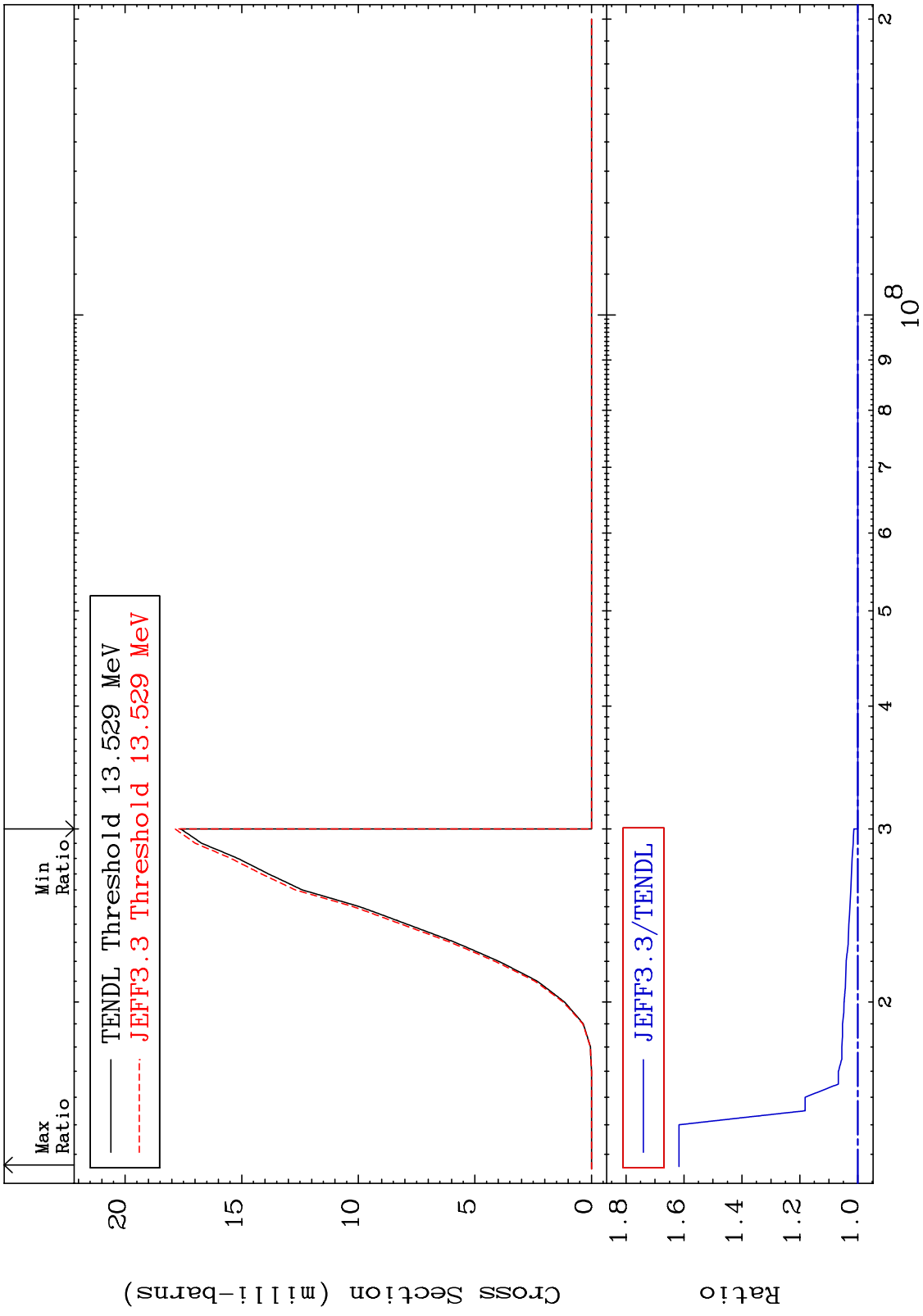
MAT 1122 $(n,2n) \alpha$ 11-Na-22
 Cross Section 0.000 To 14.57 %

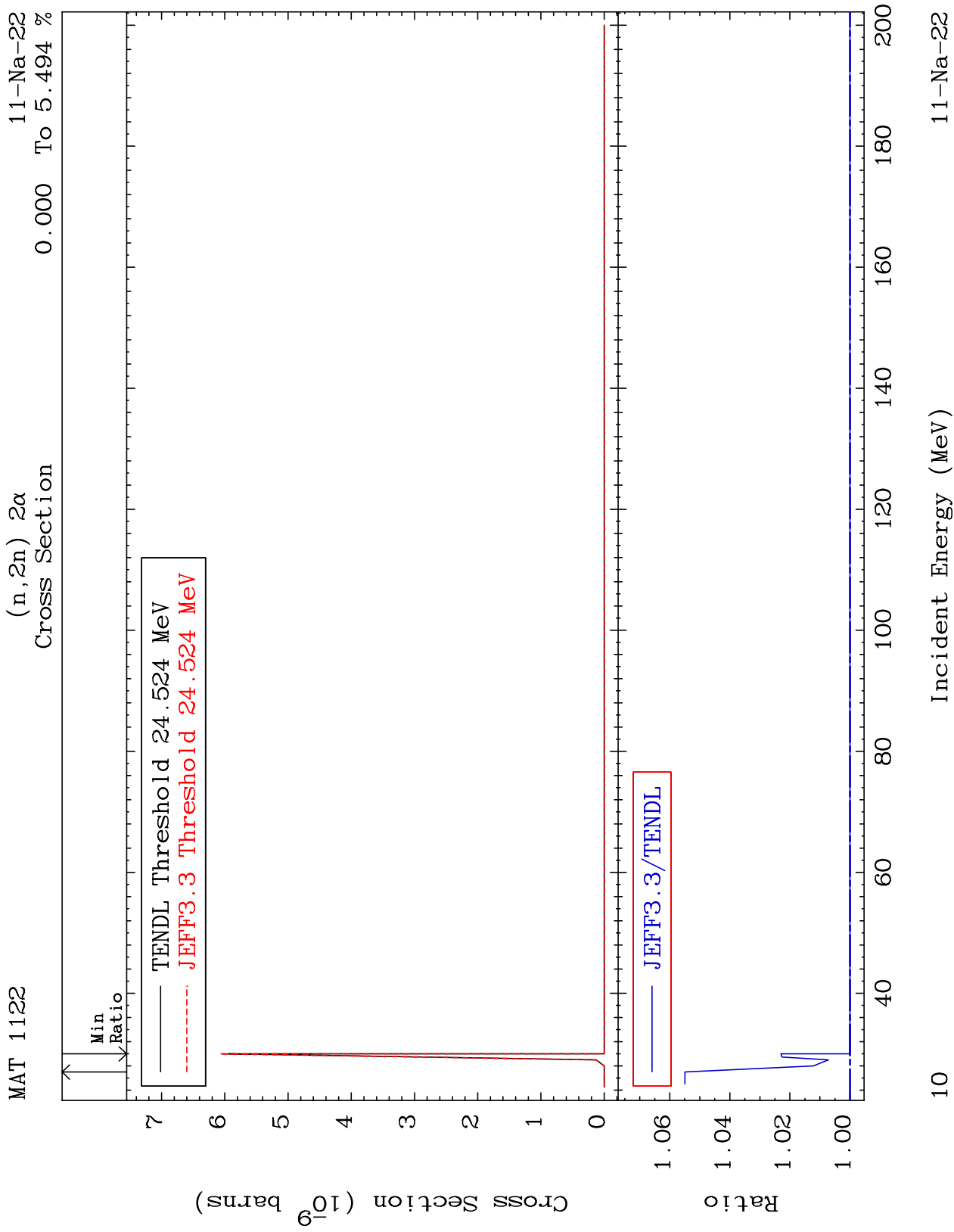


MAT 1122 (n, n') p 11-Na-22
Cross Section -0.781 To 0.052 %

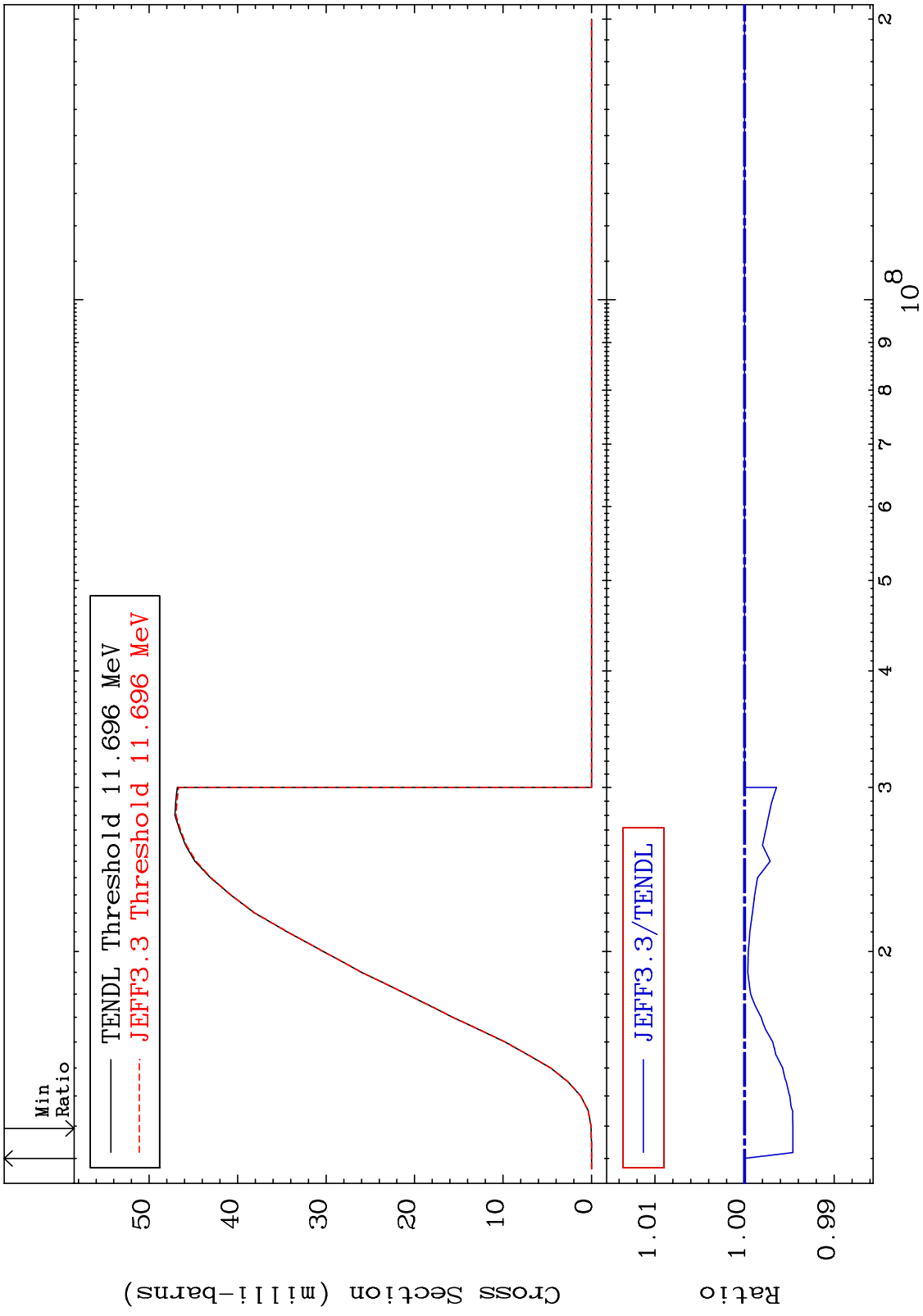


MAT 1122 (n, n') 2α Cross Section 11-Na-22 To 61.71 %

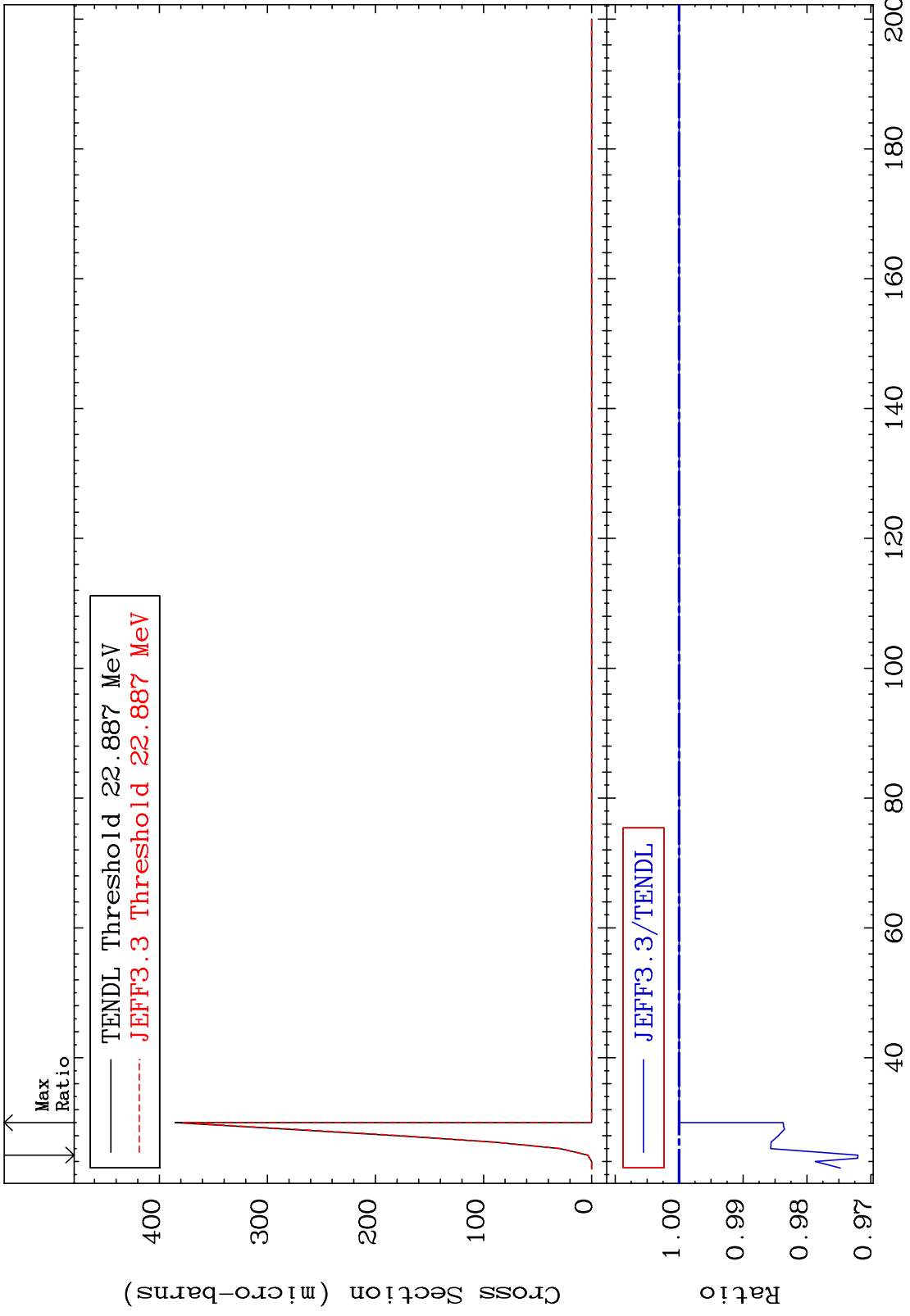




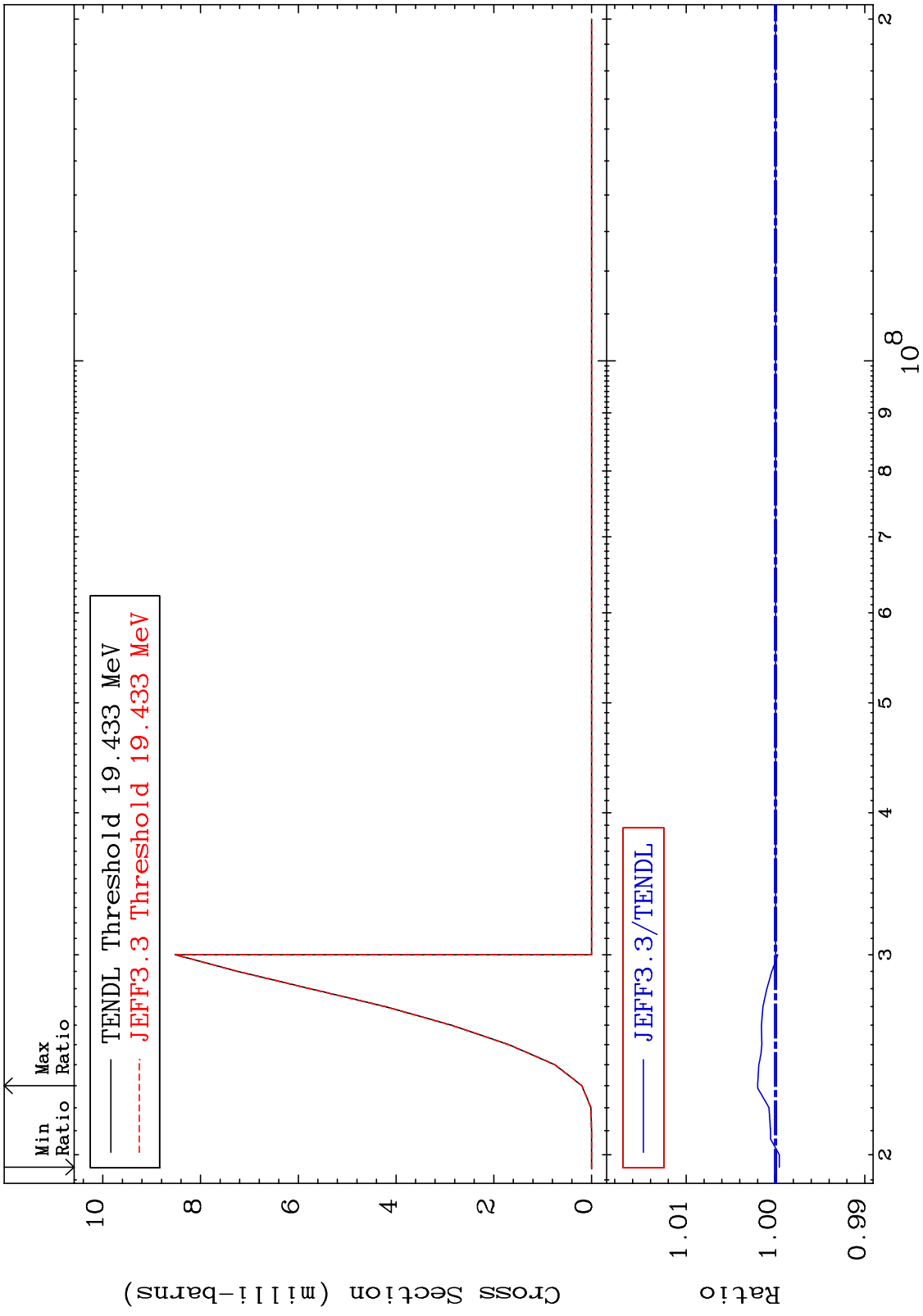
MAT 1122 (n,n') d 11-Na-22
Cross Section -0.539 To 0.007 %



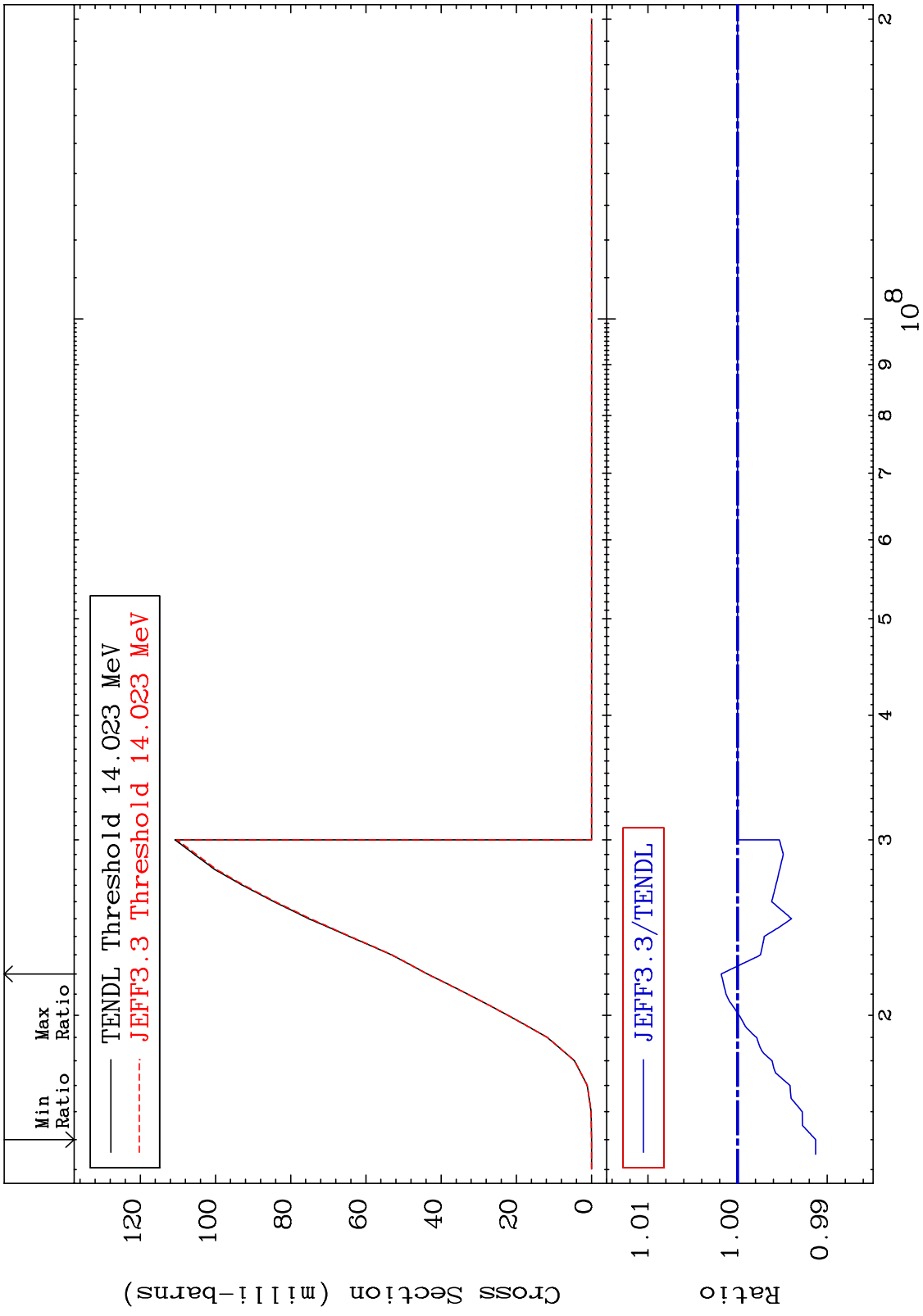
MAT 1122 (n,n') t 11-Na-22
Cross Section -2.798 To 0.000 %



MAT 1122 (n, n') He-3
Cross Section 11-Na-22
-0.043 To 0.201 %



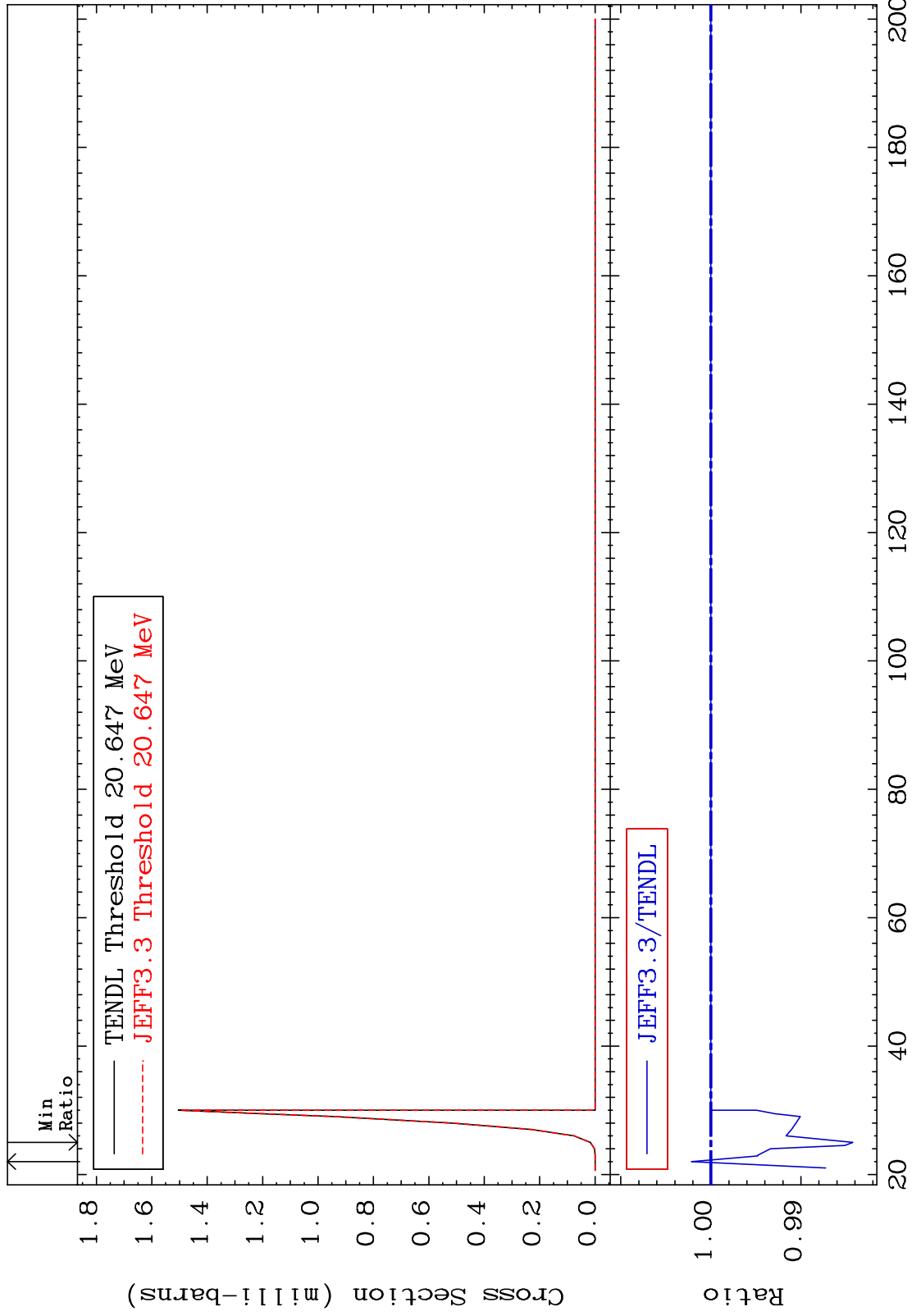
MAT 1122 $(n, 2n)$ p 11-Na-22
 Cross Section -0.871 To 0.183 %



MAT 1122

(n,2n) p
Cross Section

11-Na-22
-1.575 To 0.214 %

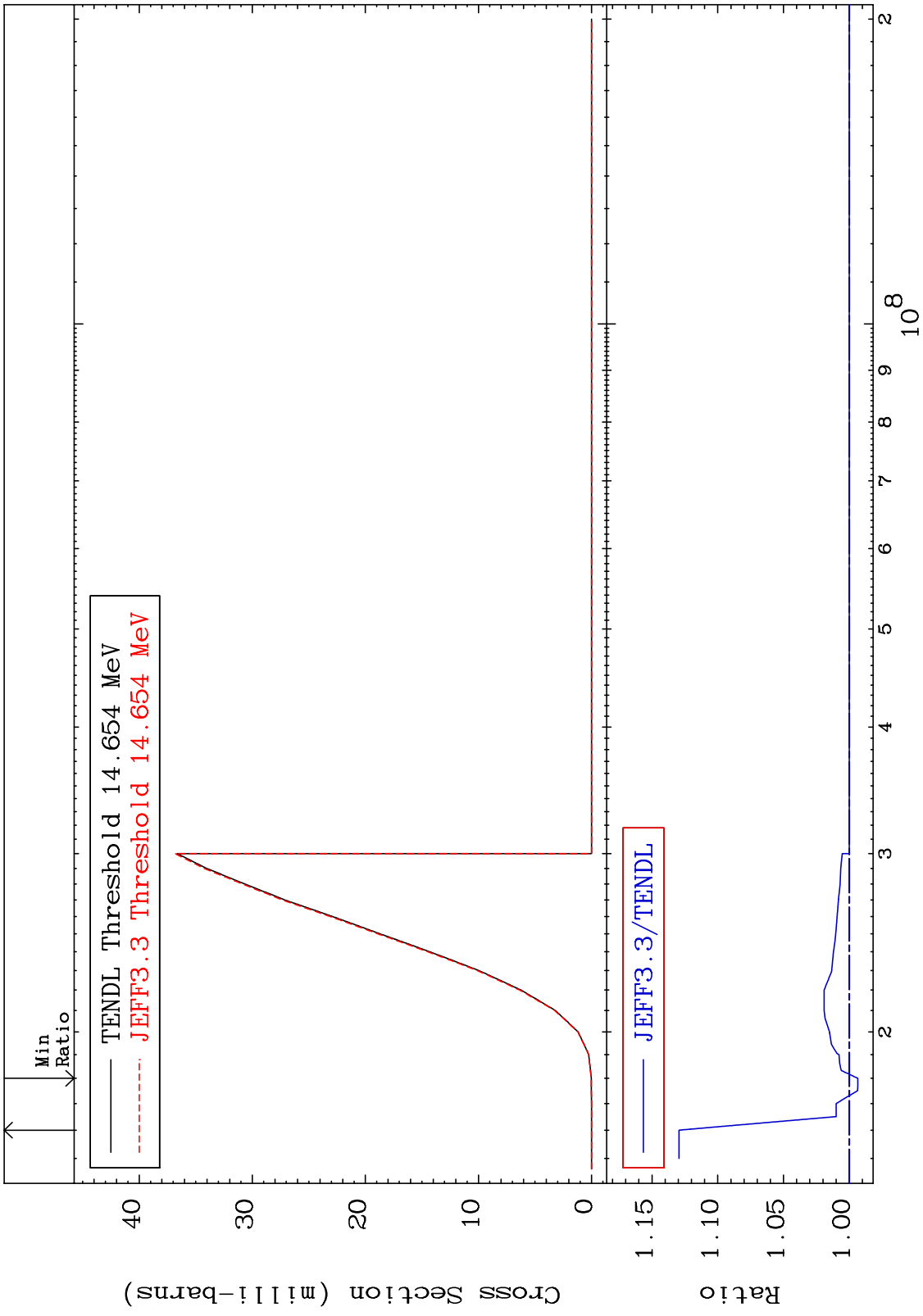


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Incident Energy (MeV)

11-Na-22

MAT 1122 (n,n') p α
 Cross Section 11-Na-22
 -0.653 To 12.94 %

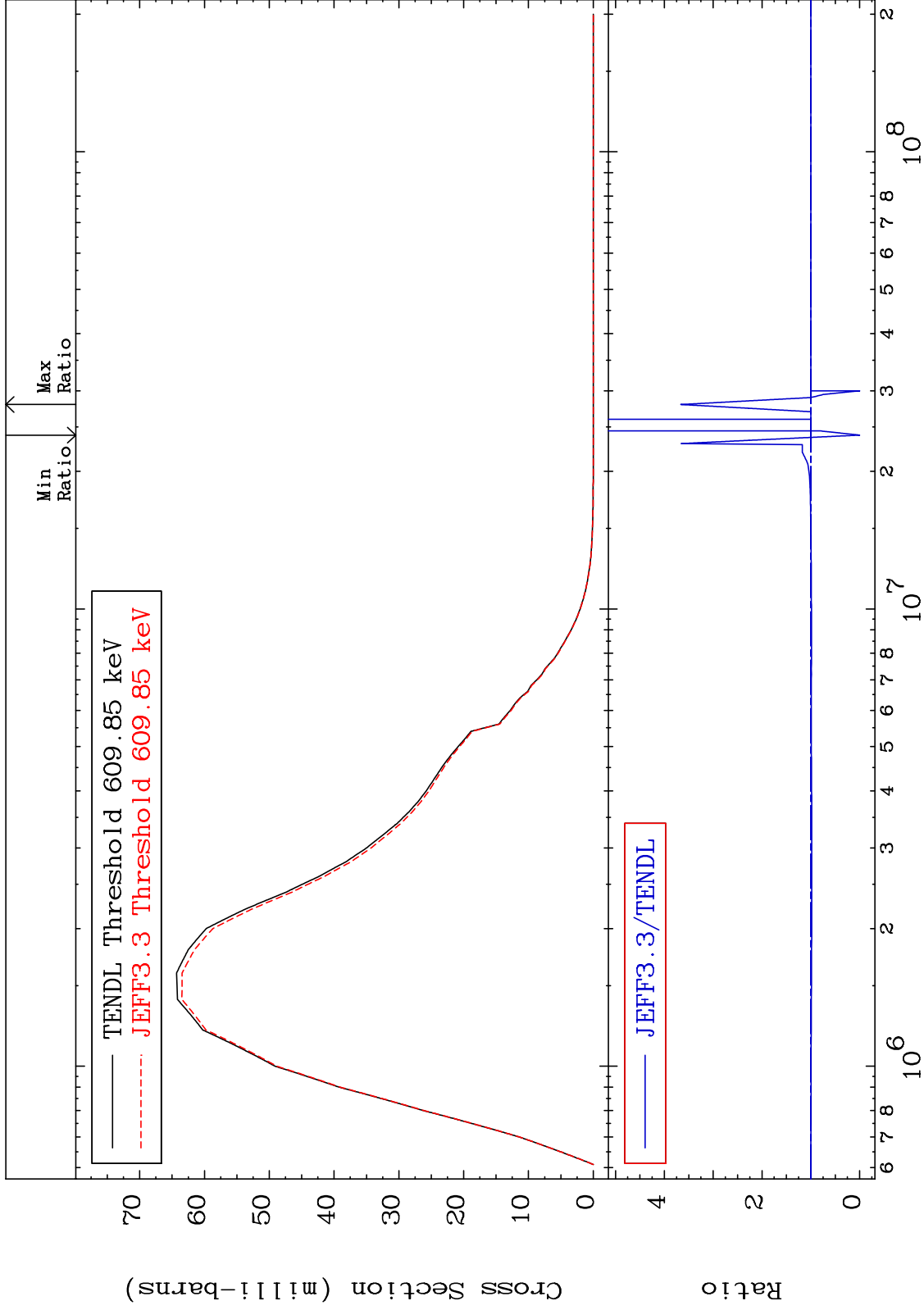


11-Na-22

MAT 1122

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

11-Na-22
-100.0 To 266.2 %

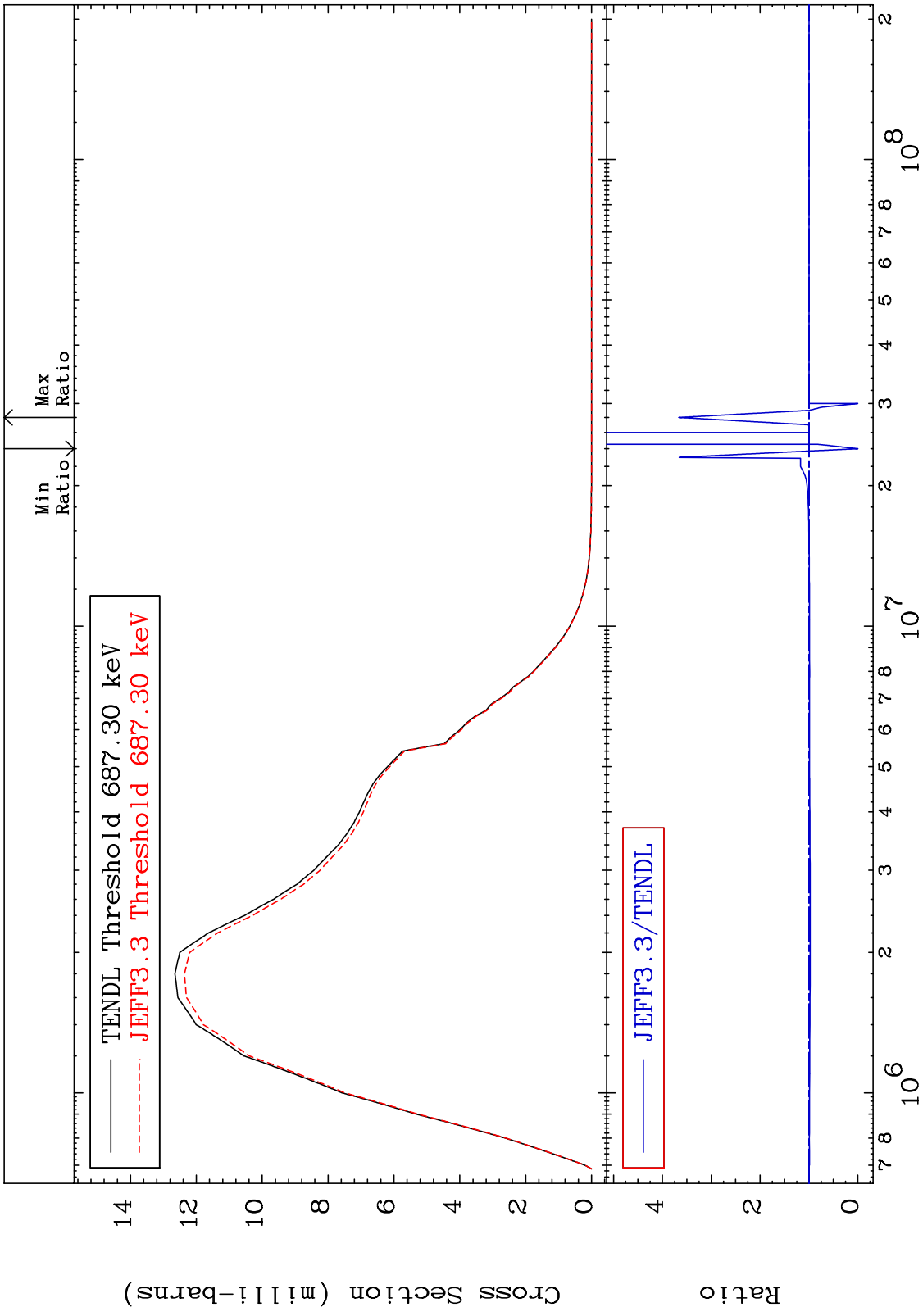


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Incident Energy (eV)

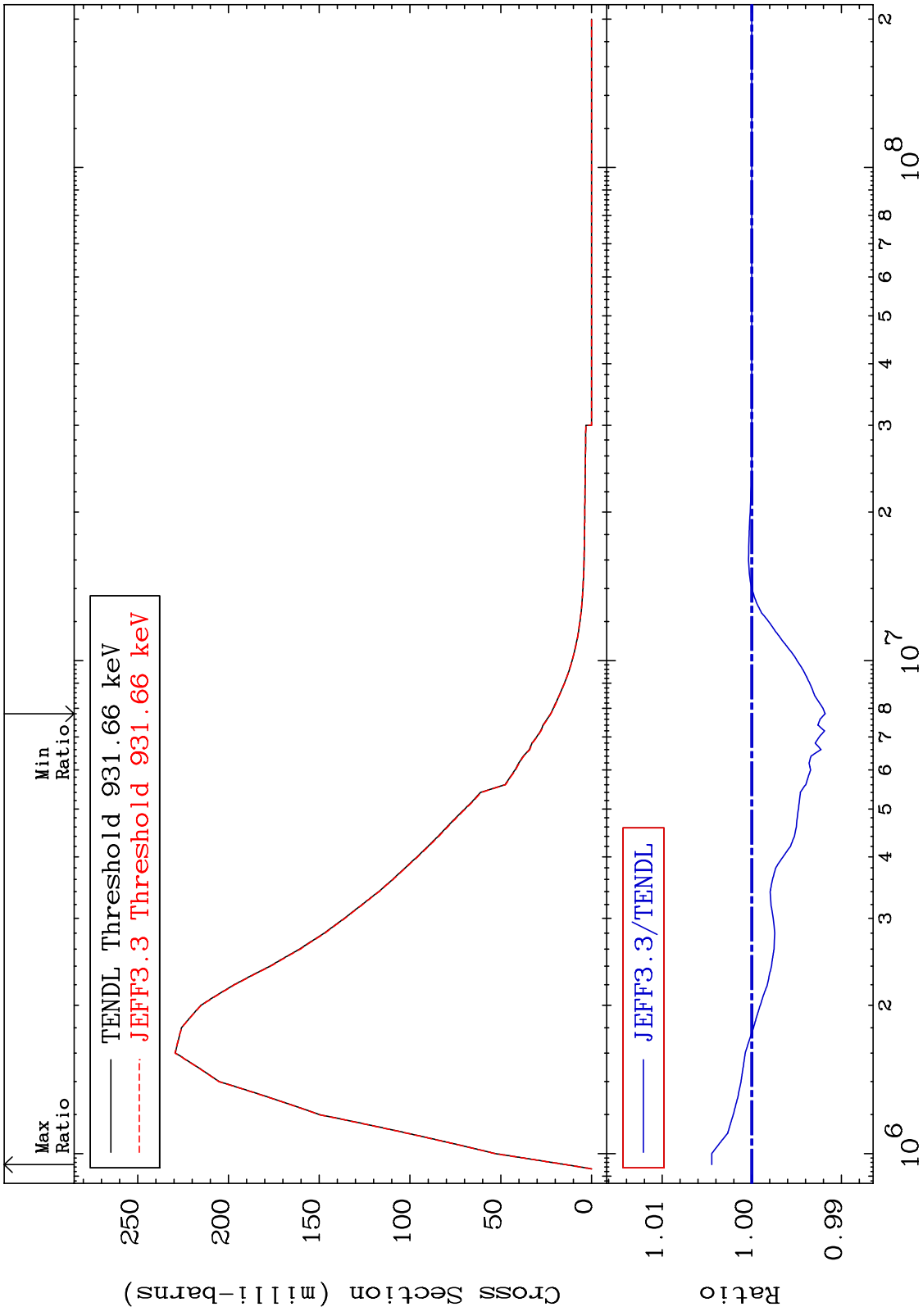
11-Na-22

MAT 1122 MT= 52 (n,n') Level Cross Section -100.0 To 265.9 % 11-Na-22



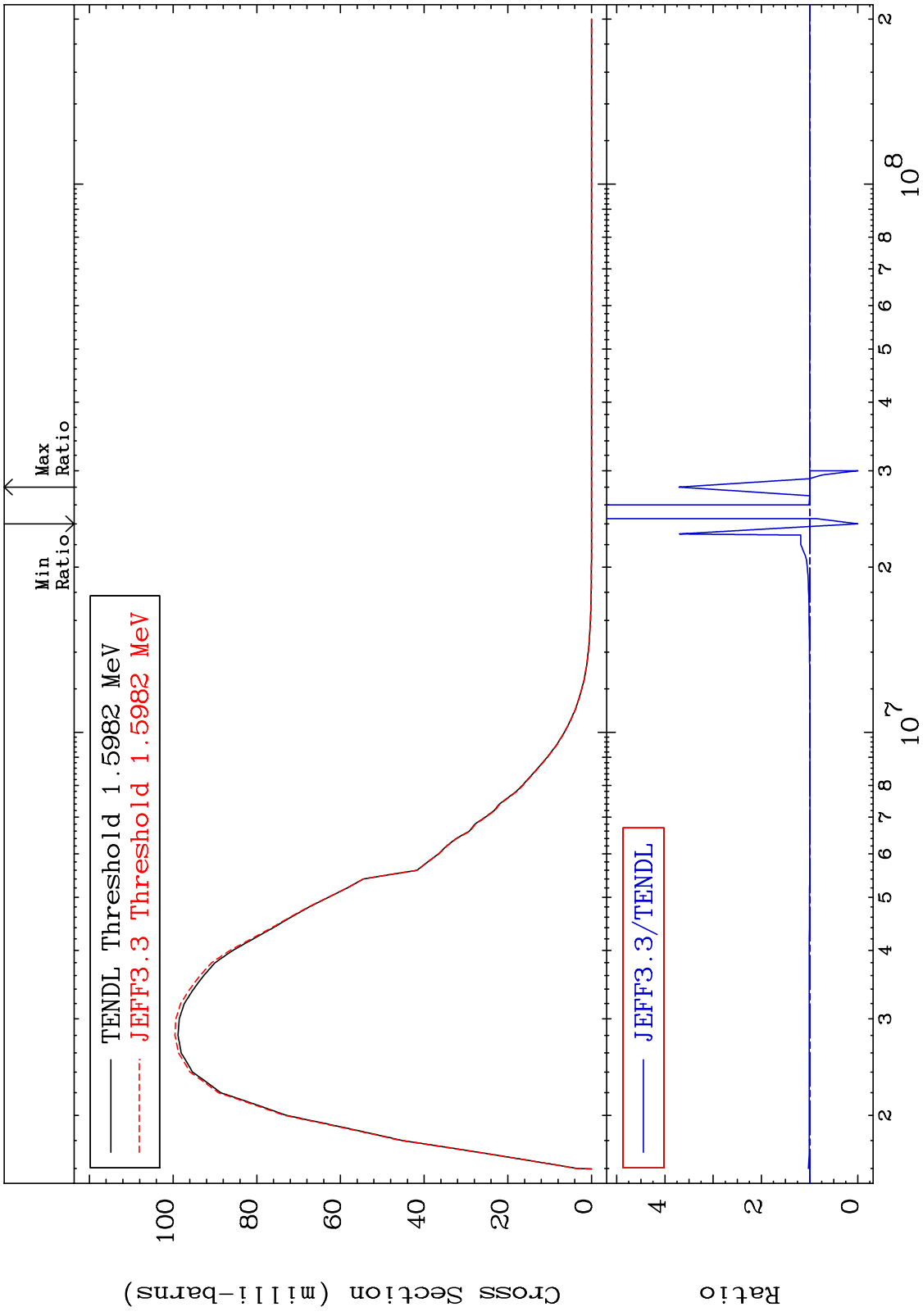
18 11-Na-22

MAT 1122 MT= 53 (n,n') Level Cross Section 11-Na-22 -0.819 To 0.448 %



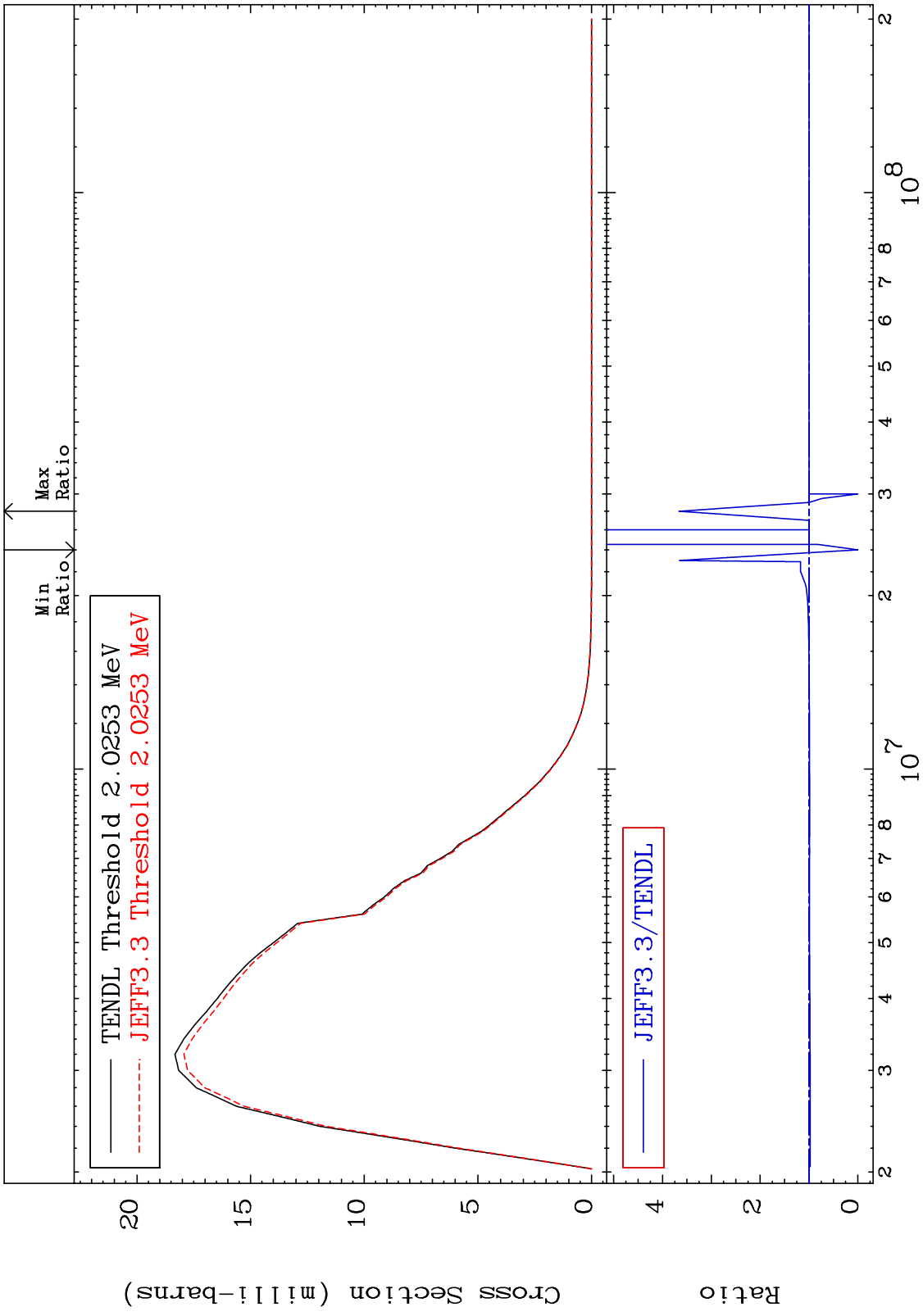
11-Na-22

MAT 1122 MT= 54 (n, n') Level Cross Section -100.0 To 270.8 % 11-Na-22



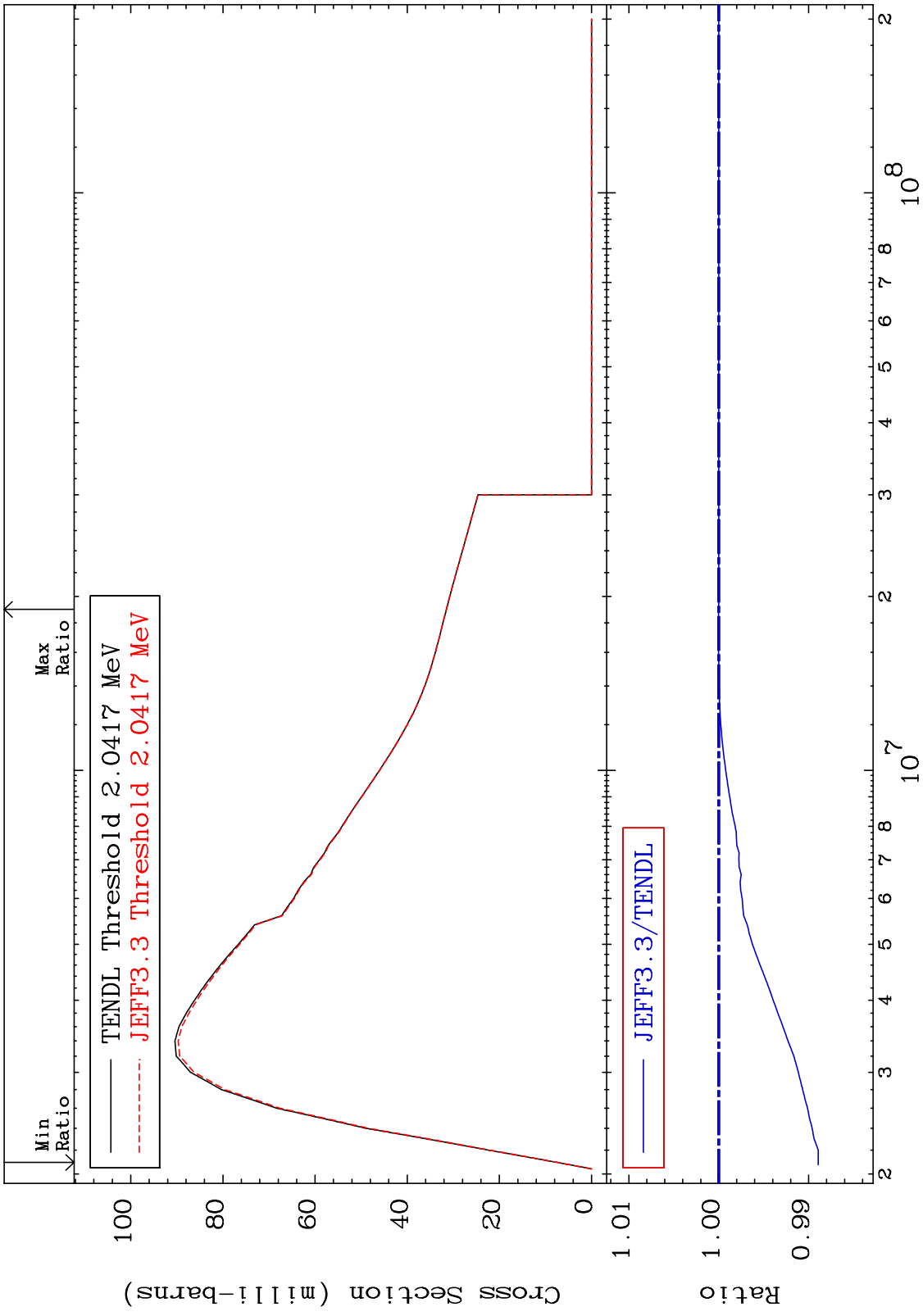
20 Incident Energy (eV) 11-Na-22

MAT 1122 MT= 55 (n,n') Level Cross Section -100.0 To 266.1 % 11-Na-22



21 11-Na-22

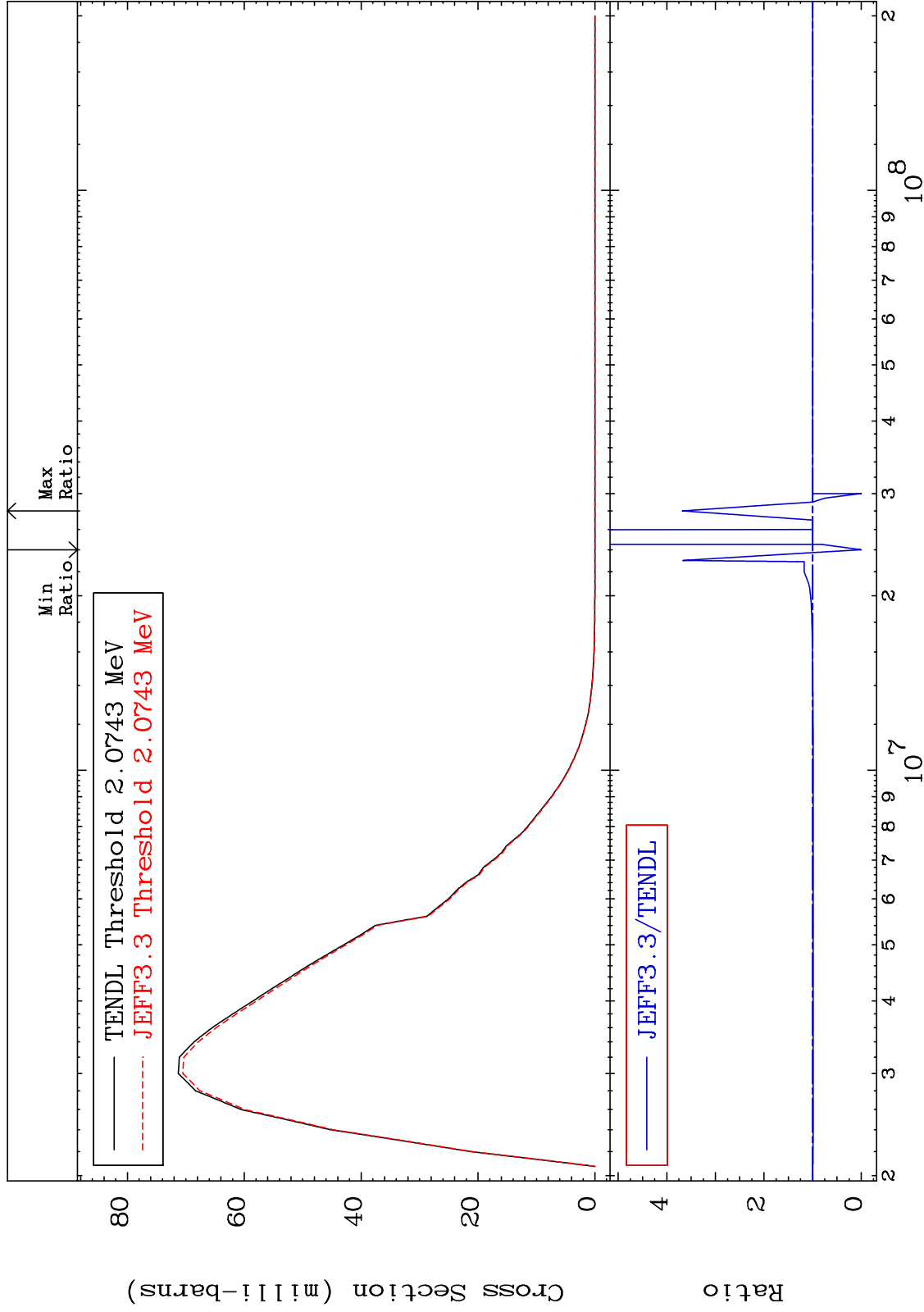
MAT 1122 MT= 56 (n,n') Level Cross Section -1.107 To 0.001 % 11-Na-22



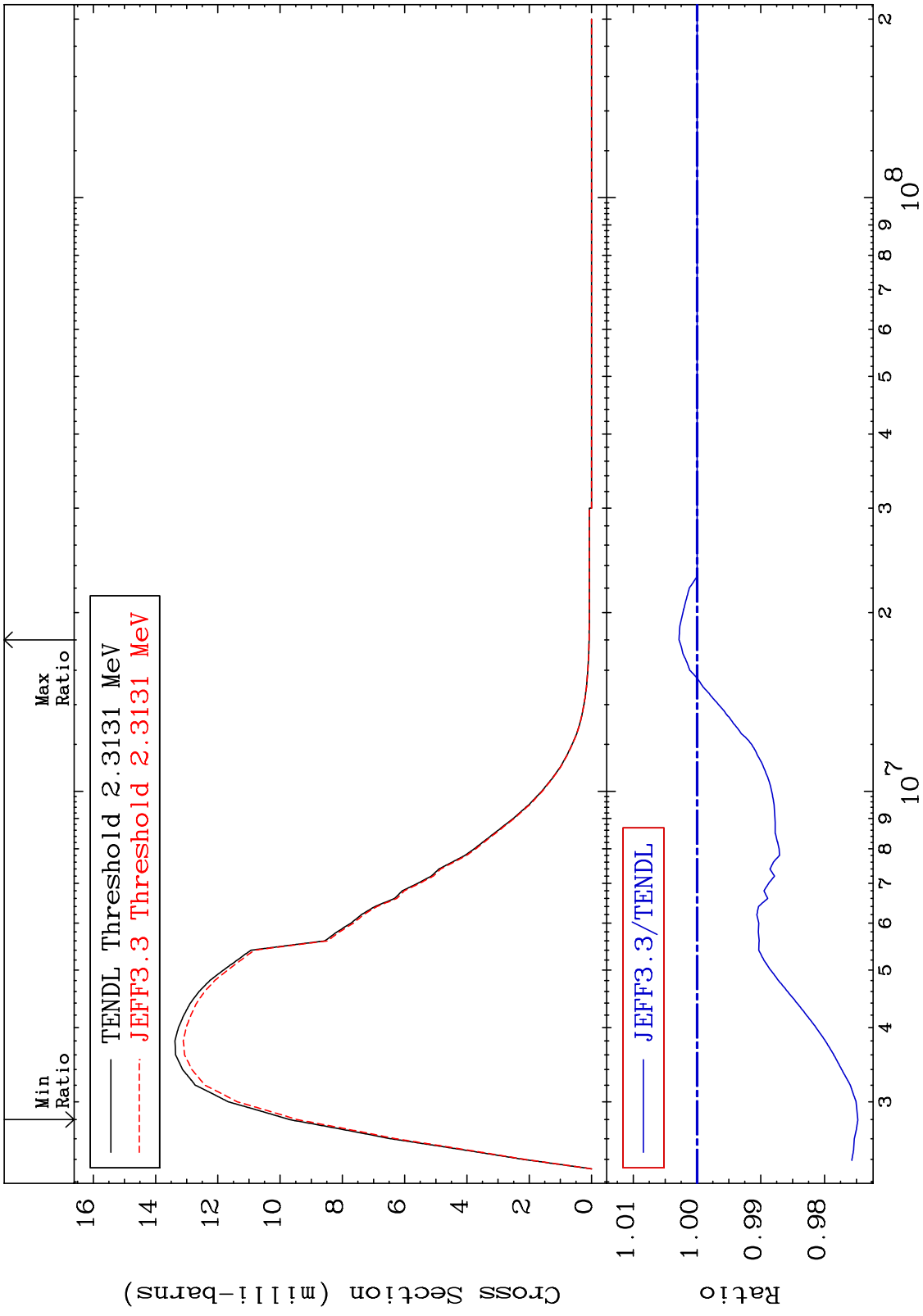
MAT 1122

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

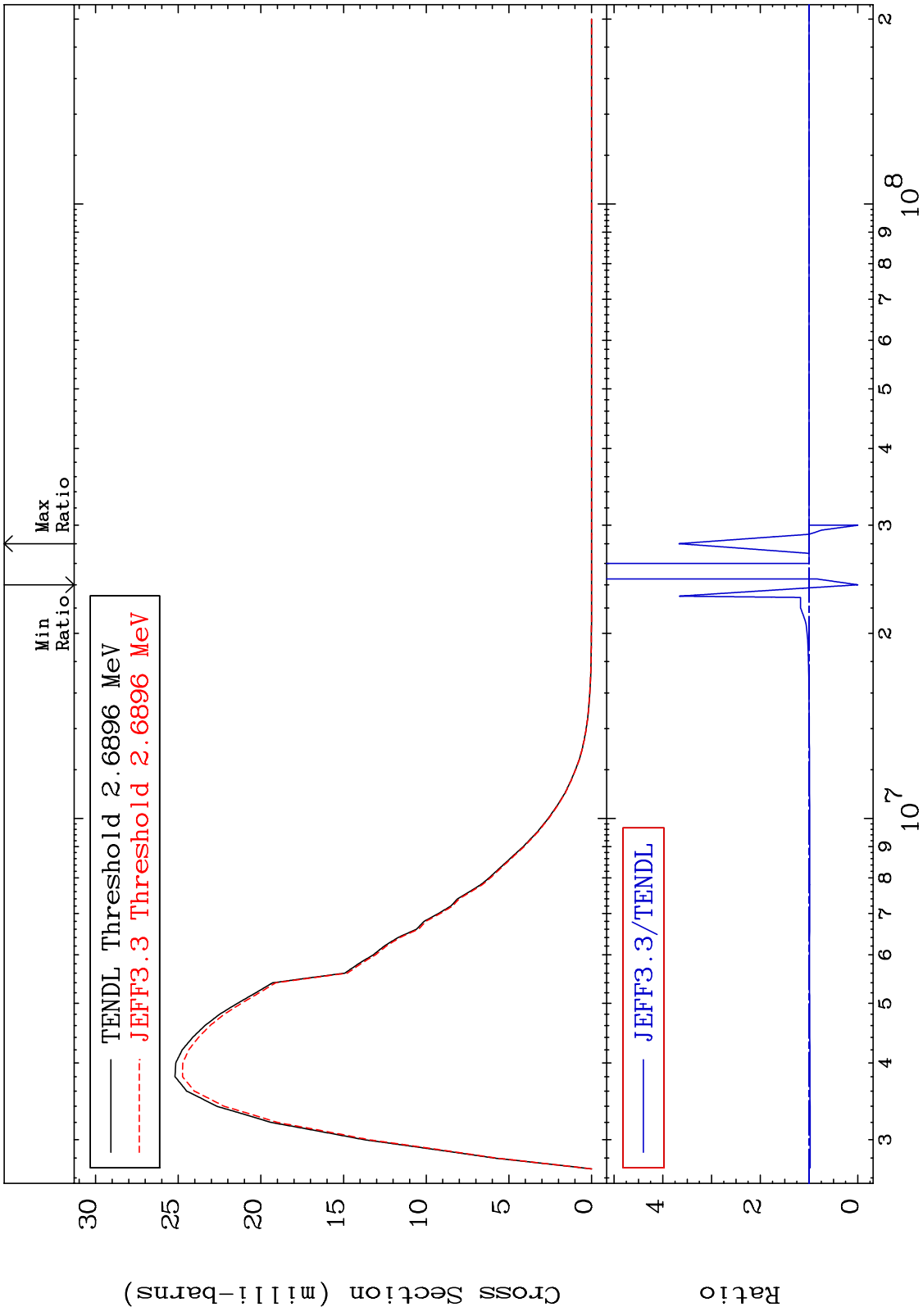
11-Na-22
-100.0 To 267.8 %



MAT 1122 MT= 58 (n,n') Level Cross Section -2.523 To 0.282 % 11-Na-22

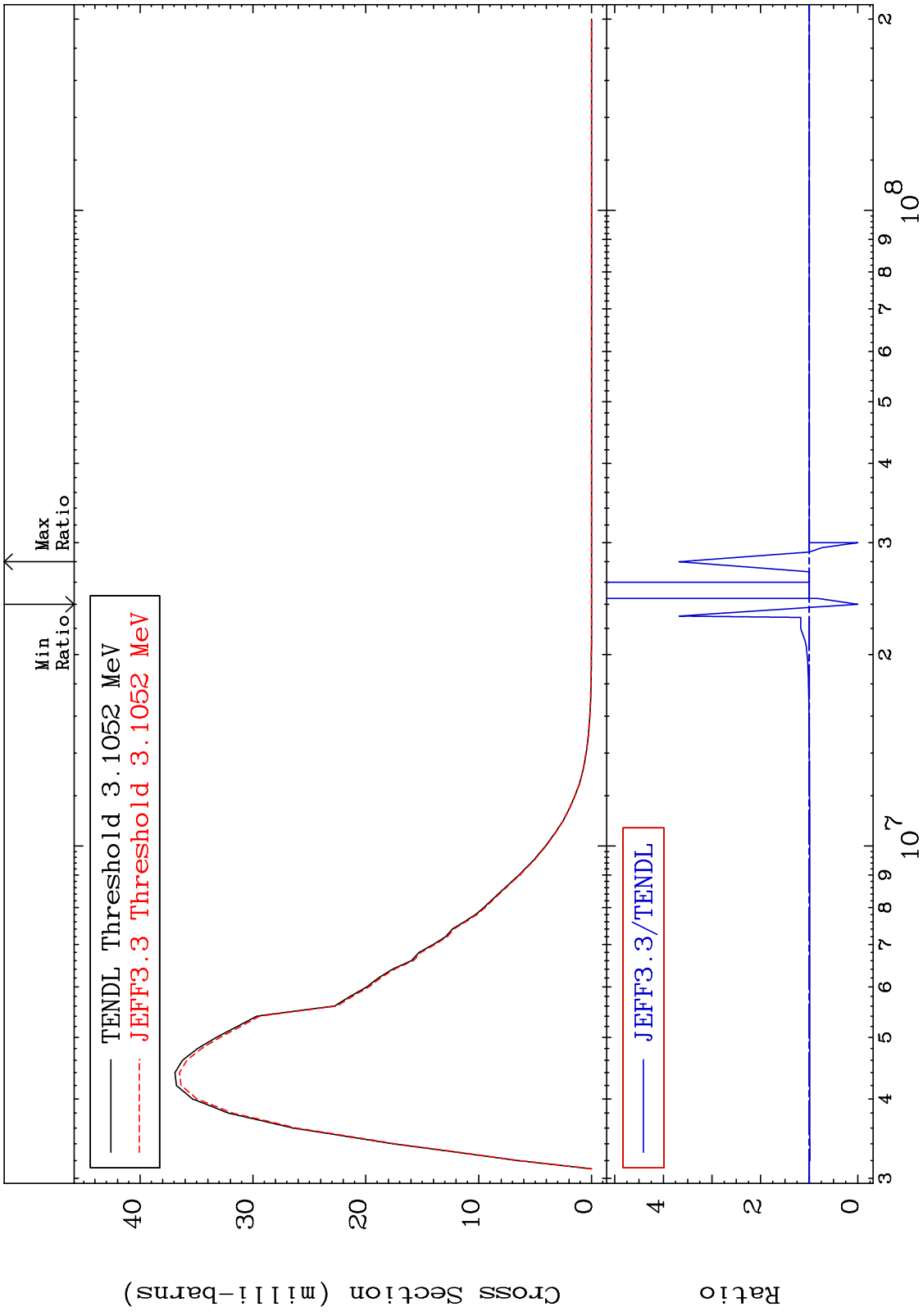


MAT 1122 MT= 59 (n,n') Level Cross Section -100.0 To 266.7 % 11-Na-22

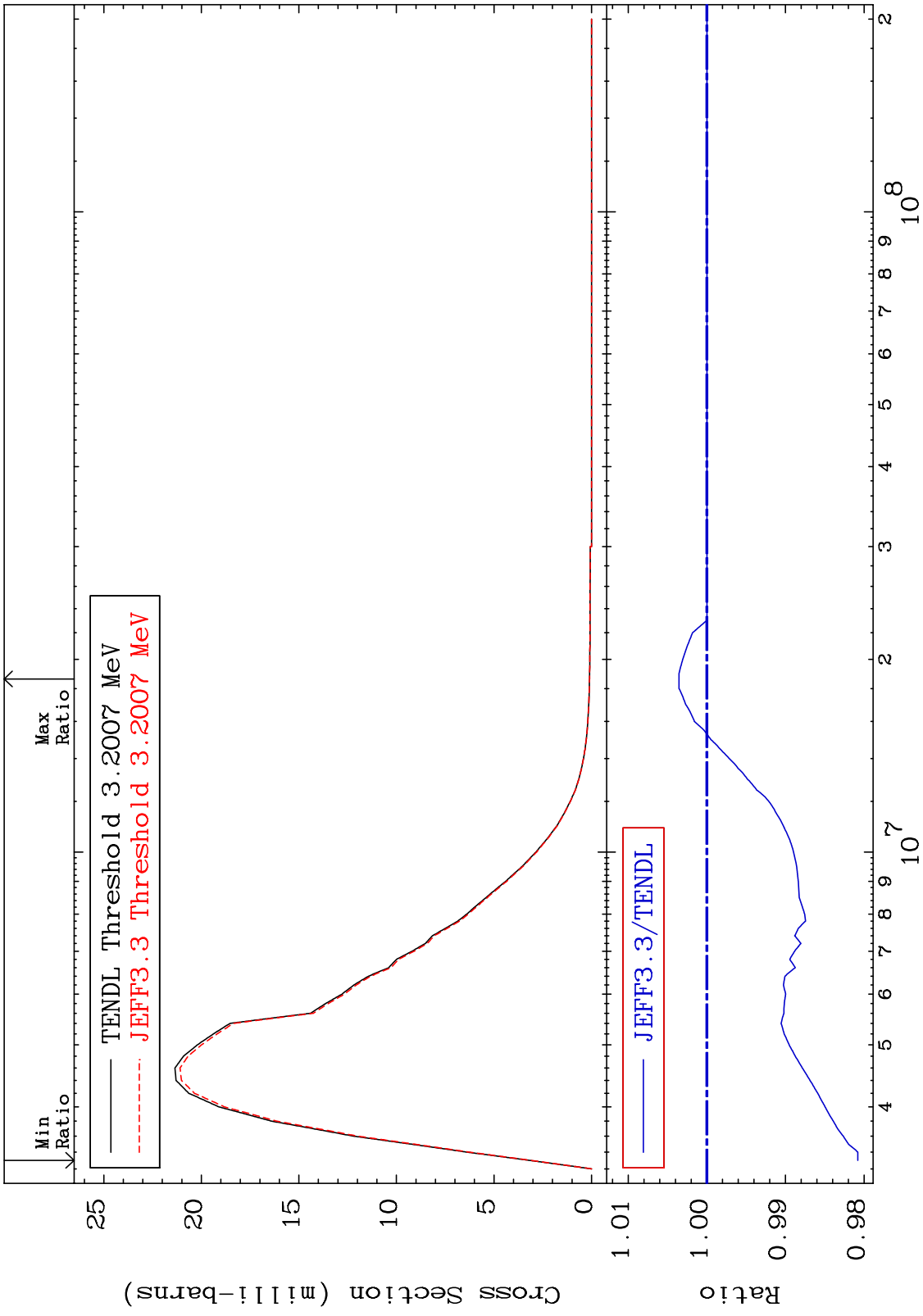


25 11-Na-22

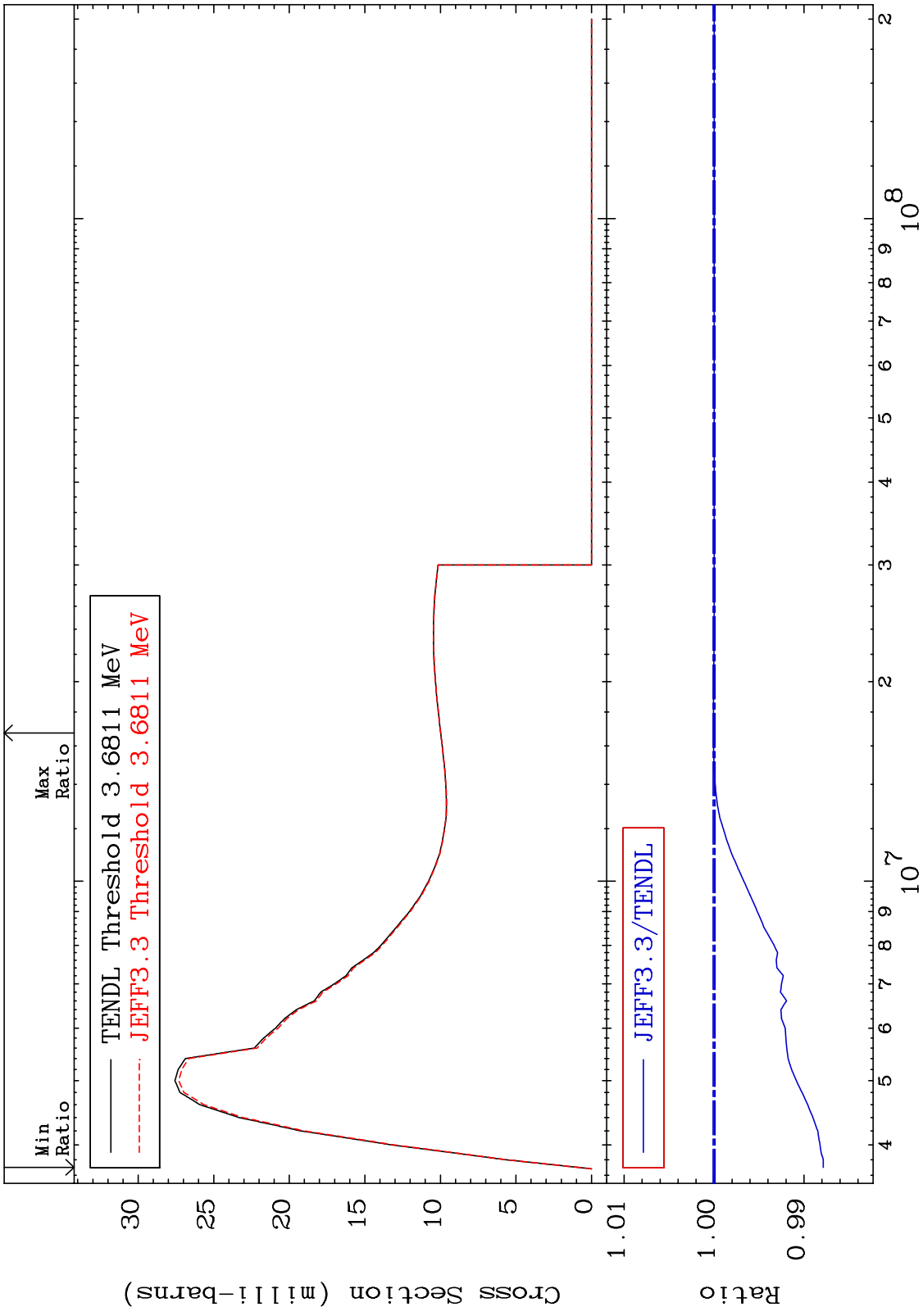
MAT 1122 MT= 60 (n,n') Level Cross Section -100.0 To 267.7 % 11-Na-22



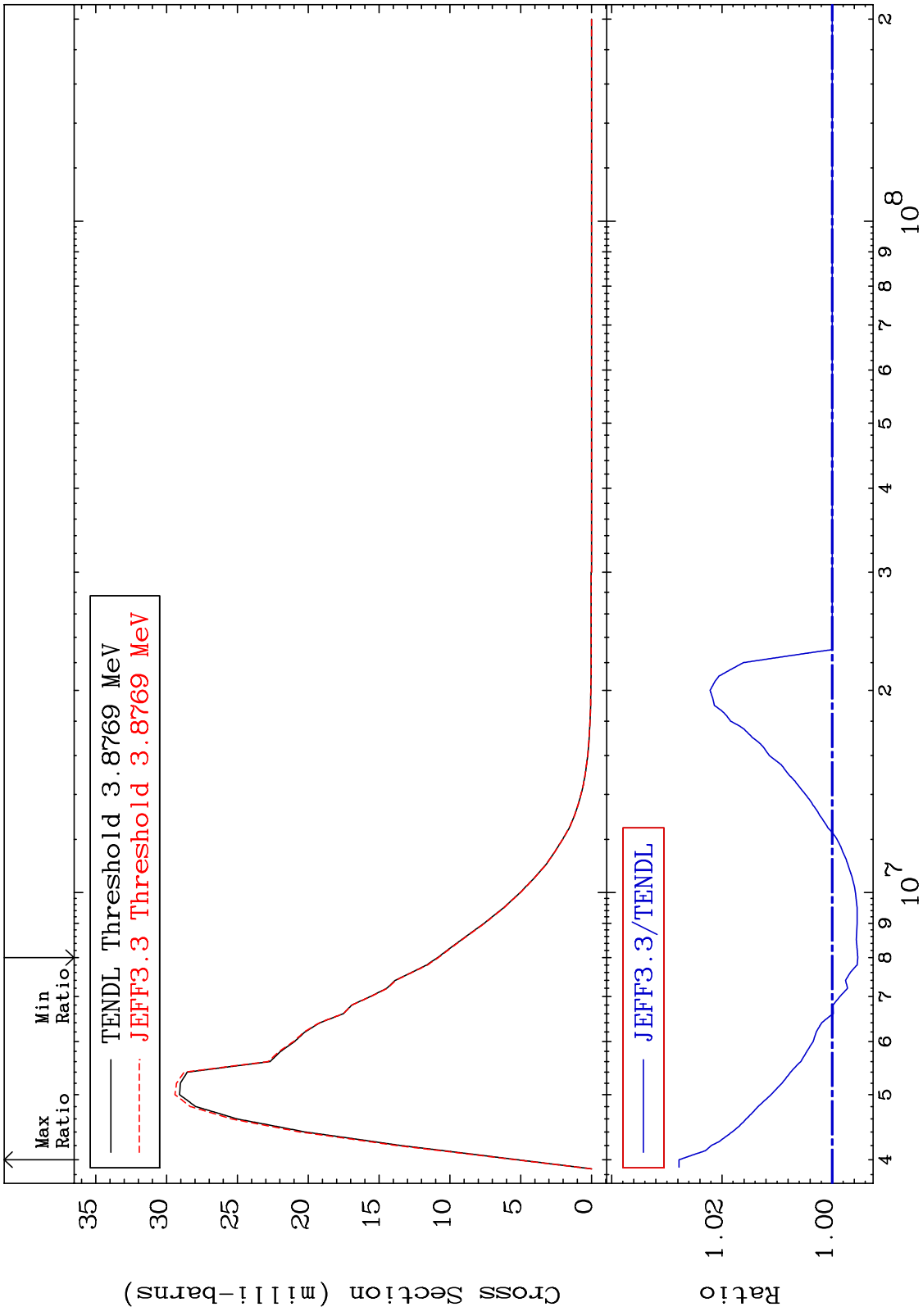
MAT 1122 MT= 61 (n,n') Level Cross Section -1.921 To 0.354 % 11-Na-22



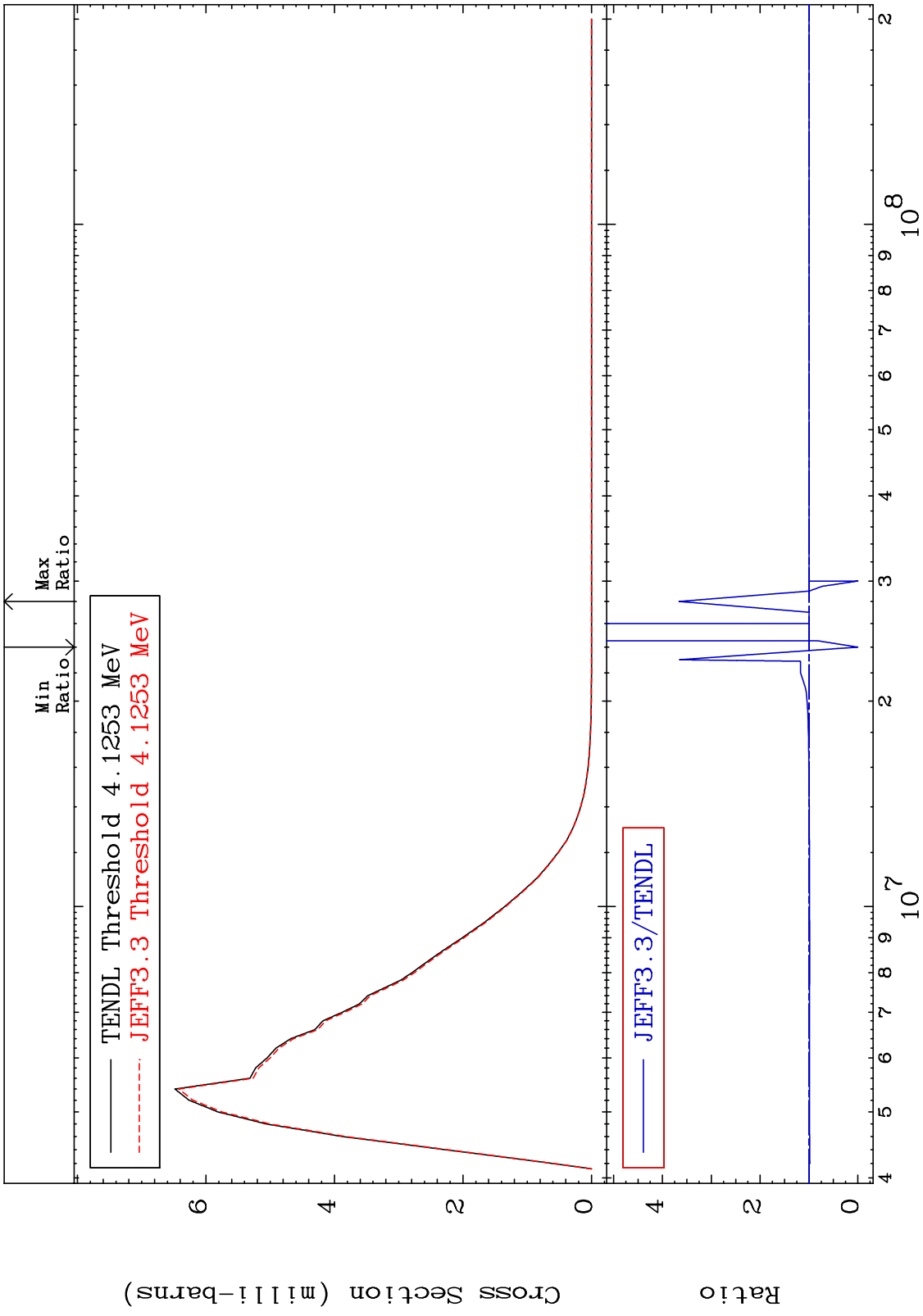
MAT 1122 MT= 62 (n,n') Level Cross Section -1.215 To 0.006 % 11-Na-22



MAT 1122 MT= 63 (n,n') Level Cross Section 11-Na-22
 -0.465 To 2.779 %

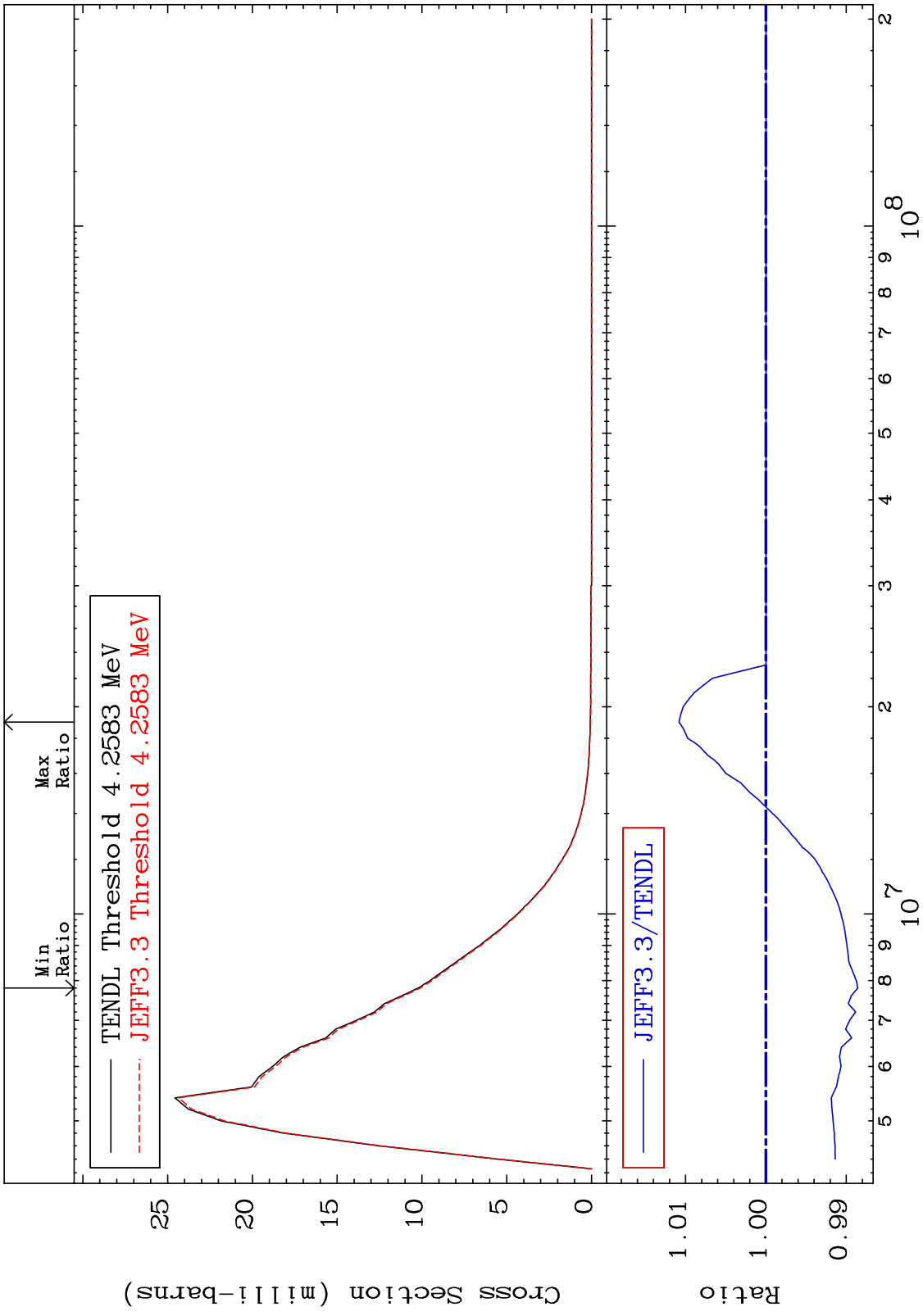


MAT 1122 MT= 64 (n,n') Level Cross Section -100.0 To 266.0 % 11-Na-22

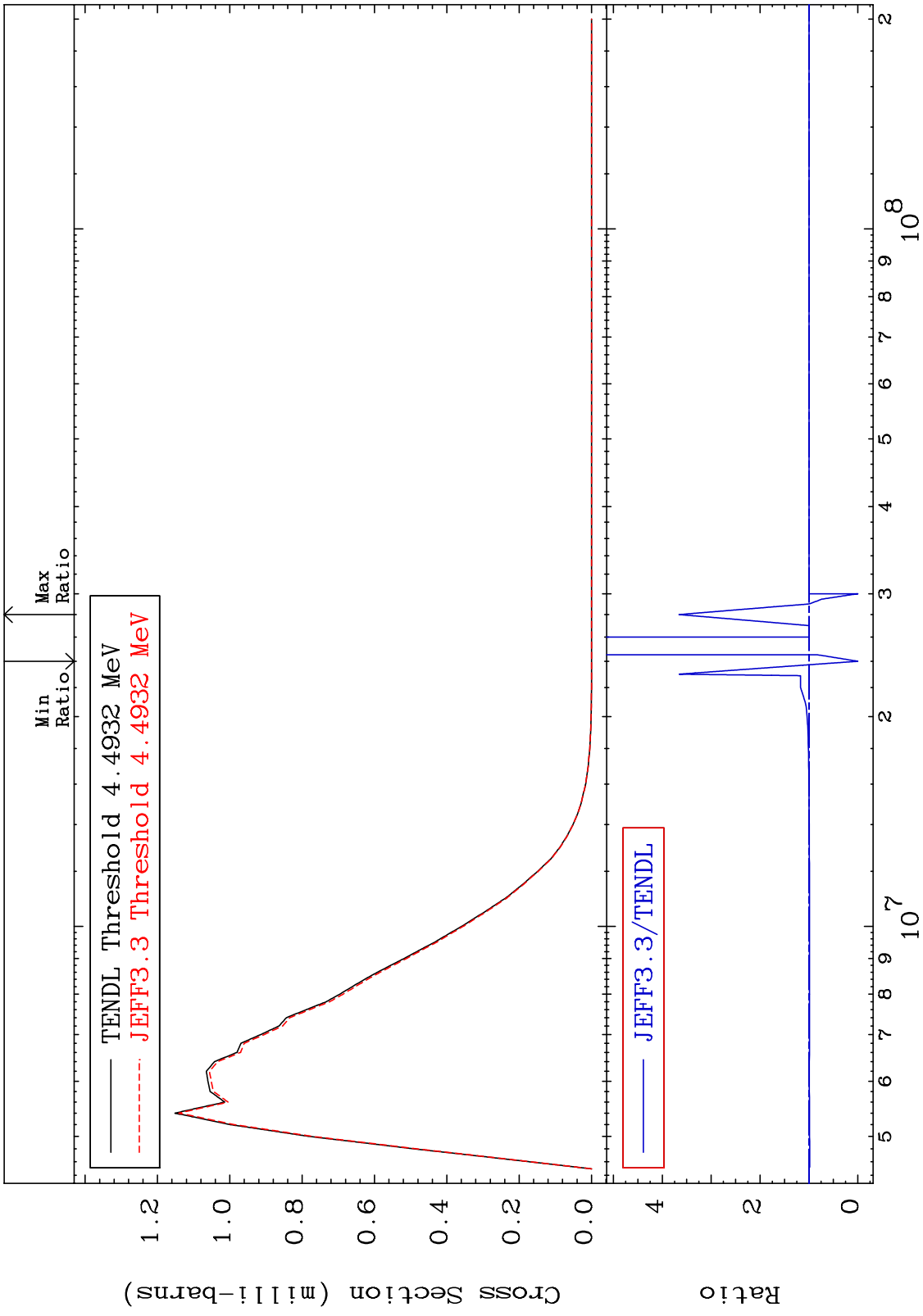


30 Incident Energy (eV) 11-Na-22

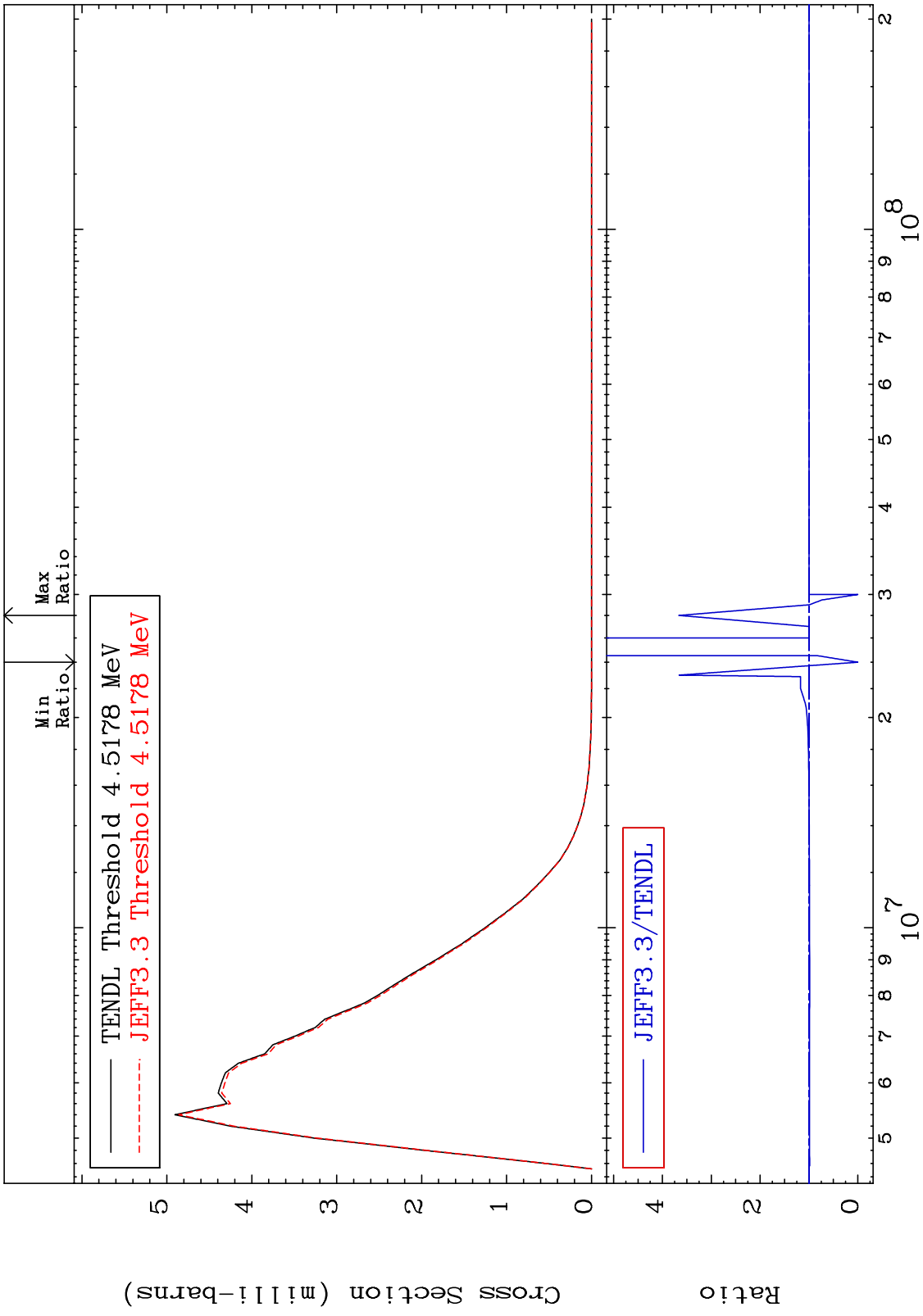
MAT 1122 MT= 65 (n,n') Level Cross Section 11-Na-22 -1.144 To 1.081 %



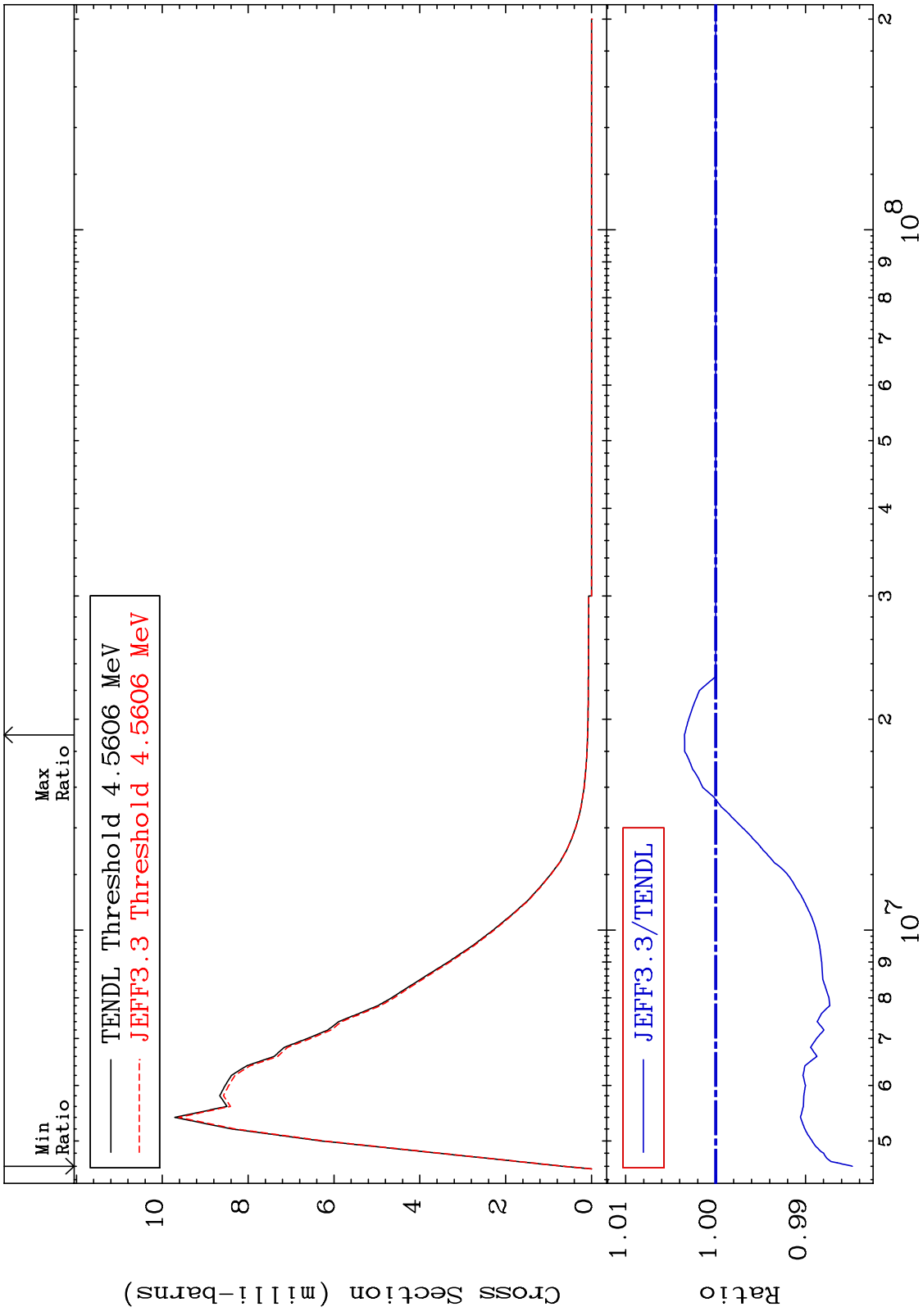
MAT 1122 MT= 66 (n,n') Level Cross Section -100.0 To 265.7 % 11-Na-22



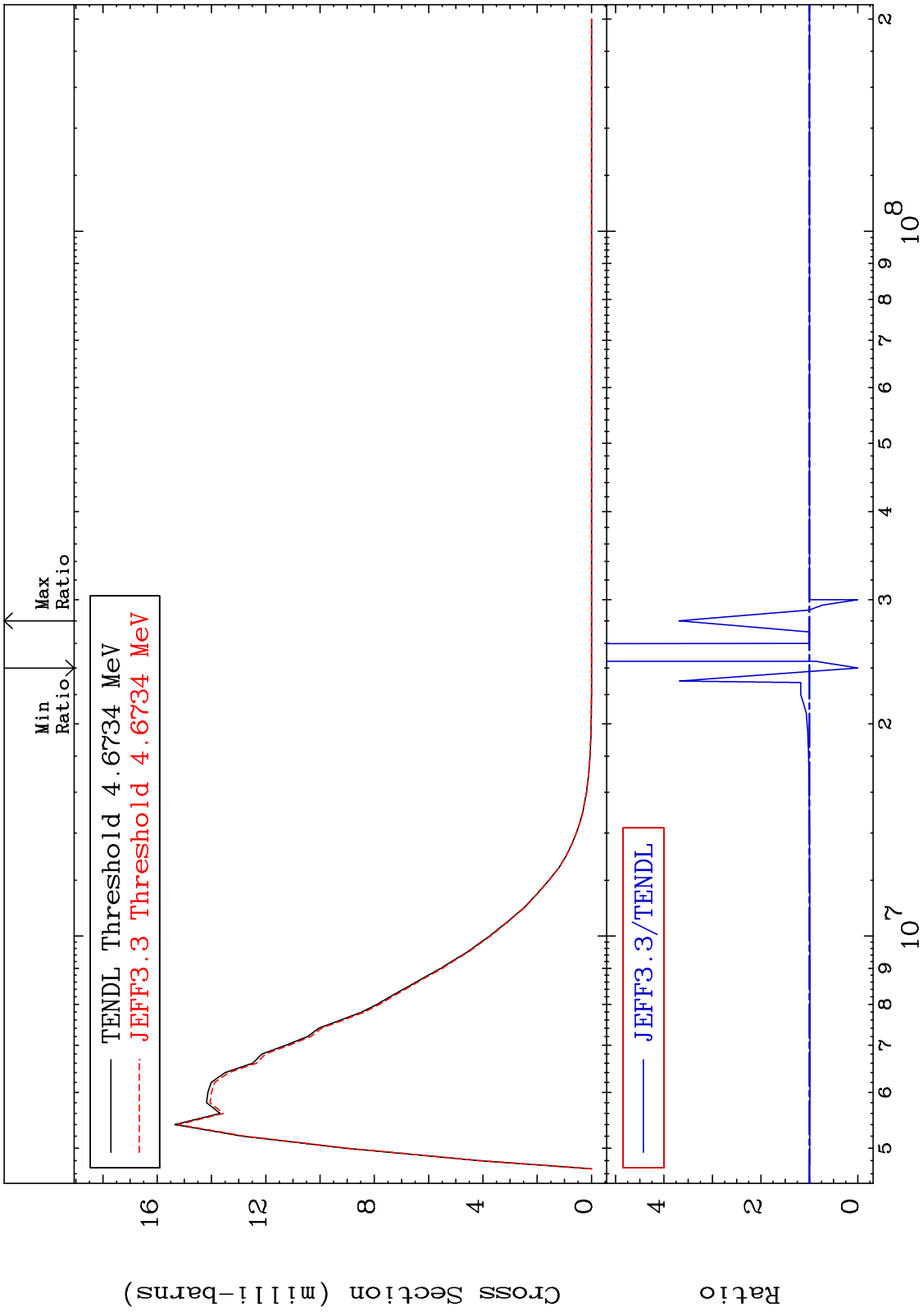
MAT 1122 MT= 67 (n,n') Level Cross Section -100.0 To 266.0 % 11-Na-22



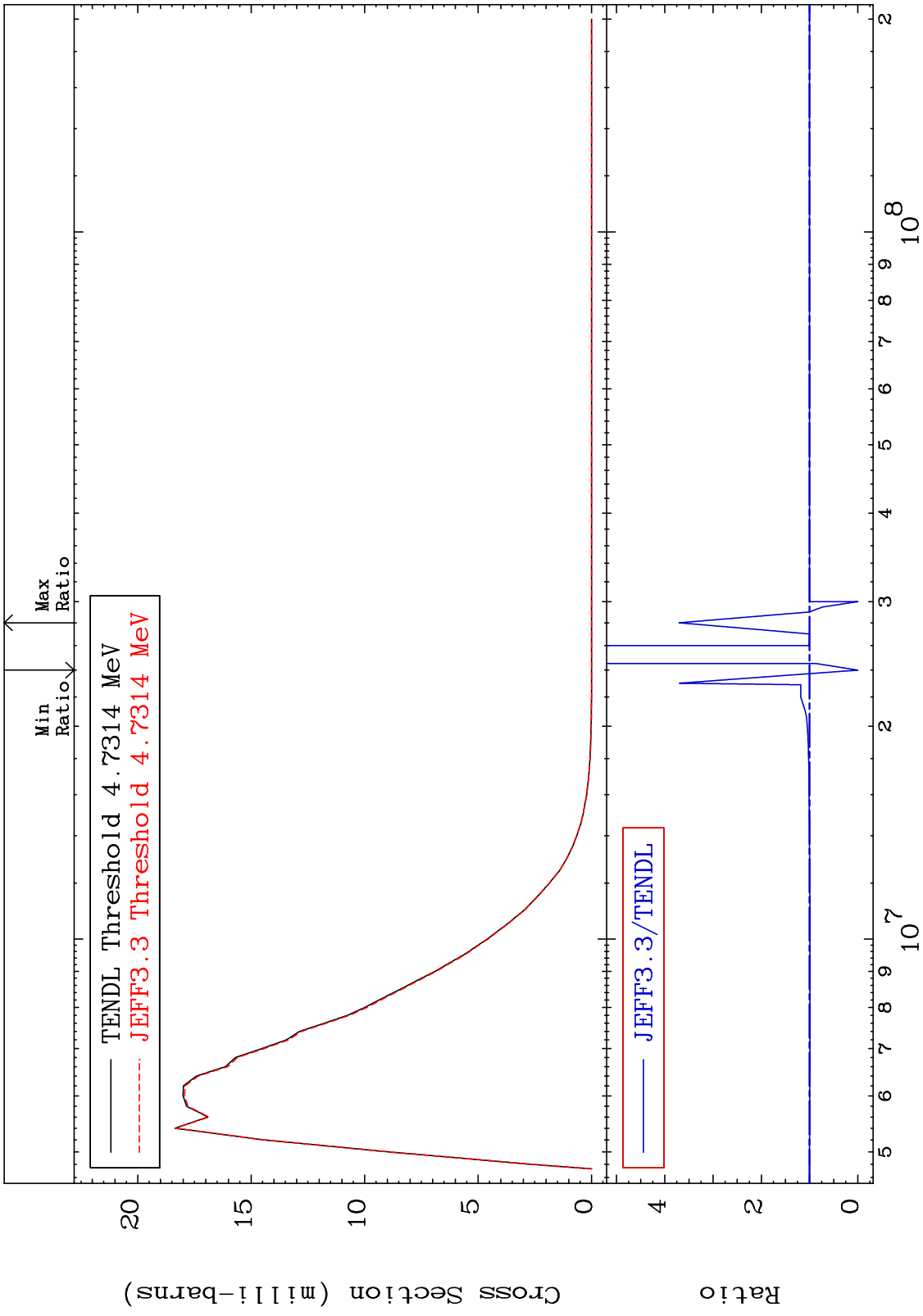
MAT 1122 MT= 68 (n,n') Level Cross Section -1.520 To 0.346 % 11-Na-22



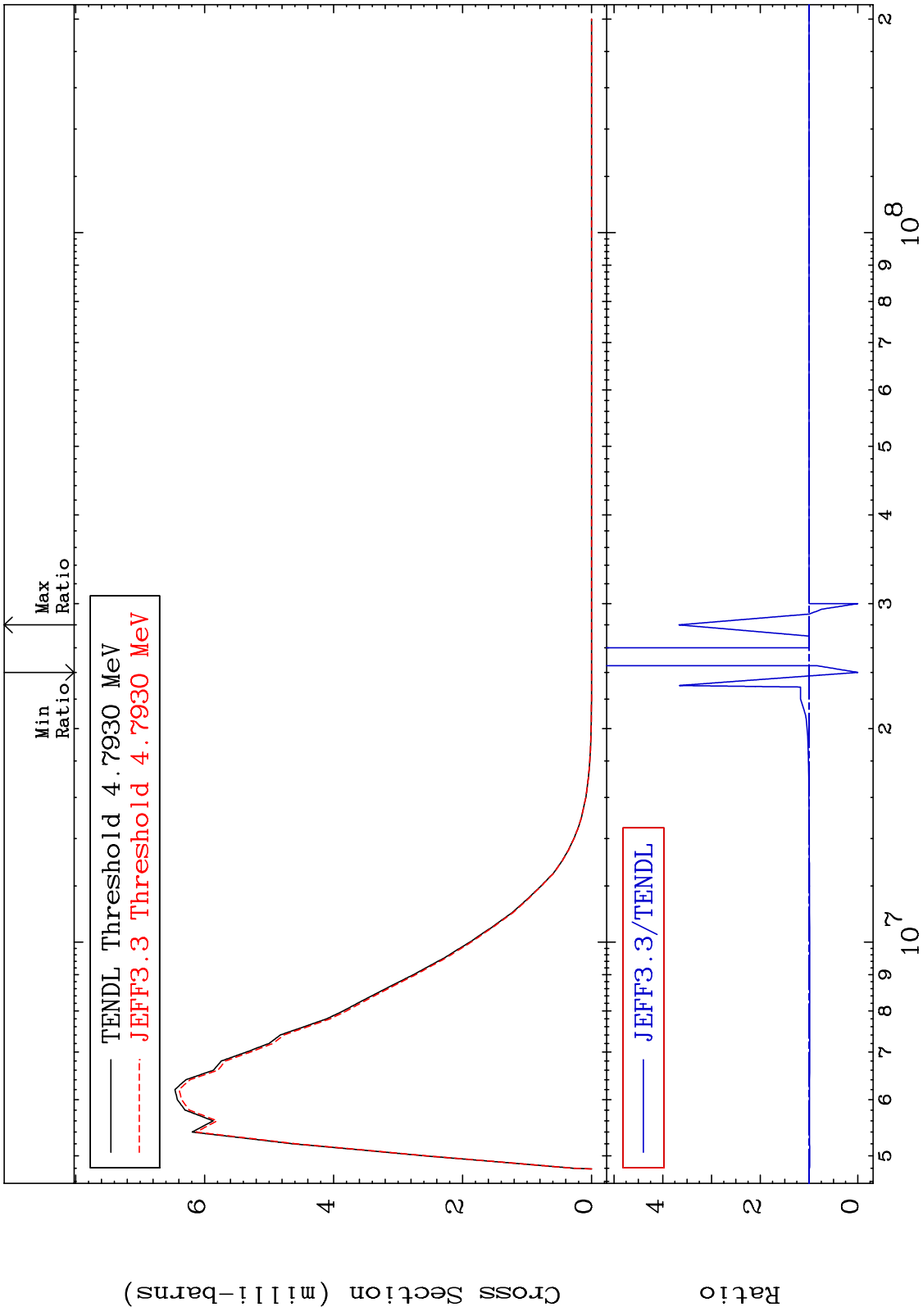
MAT 1122 MT= 69 (n,n') Level Cross Section -100.0 To 268.9 % 11-Na-22



MAT 1122 MT= 70 (n,n') Level Cross Section -100.0 To 270.5 % 11-Na-22



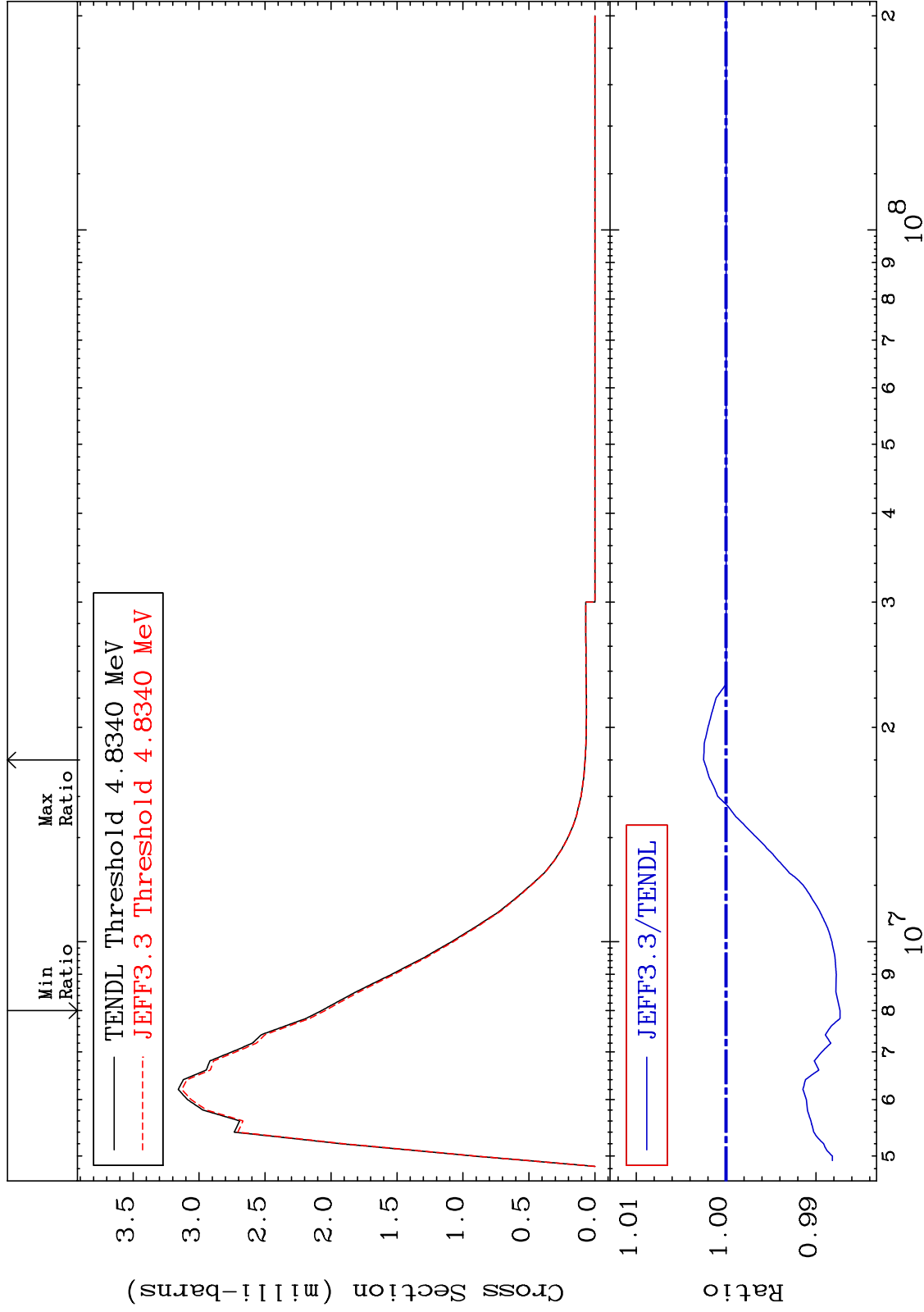
MAT 1122 MT= 71 (n,n') Level Cross Section -100.0 To 266.5 % 11-Na-22



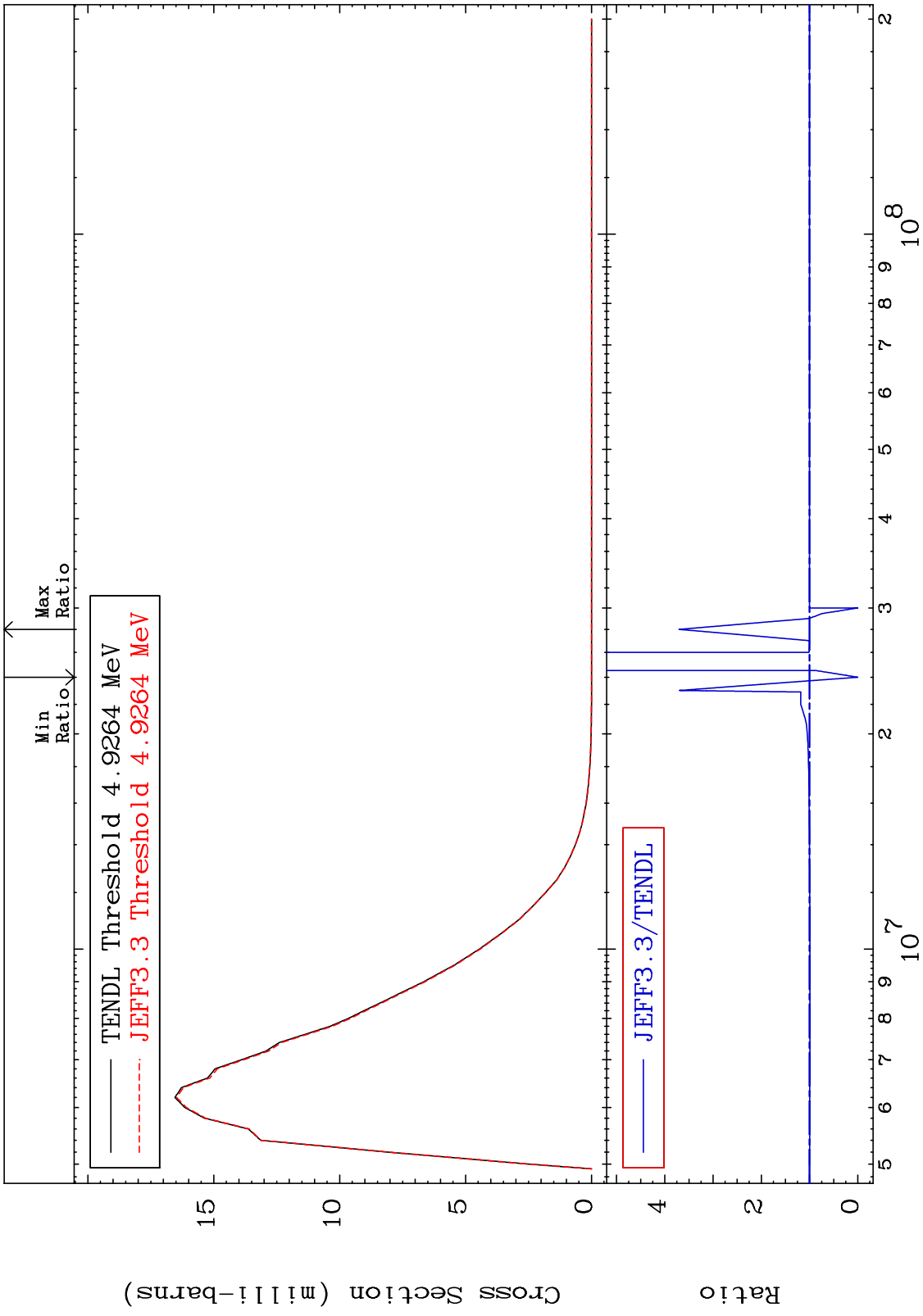
MAT 1122

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

11-Na-22
-1.269 To 0.249 %

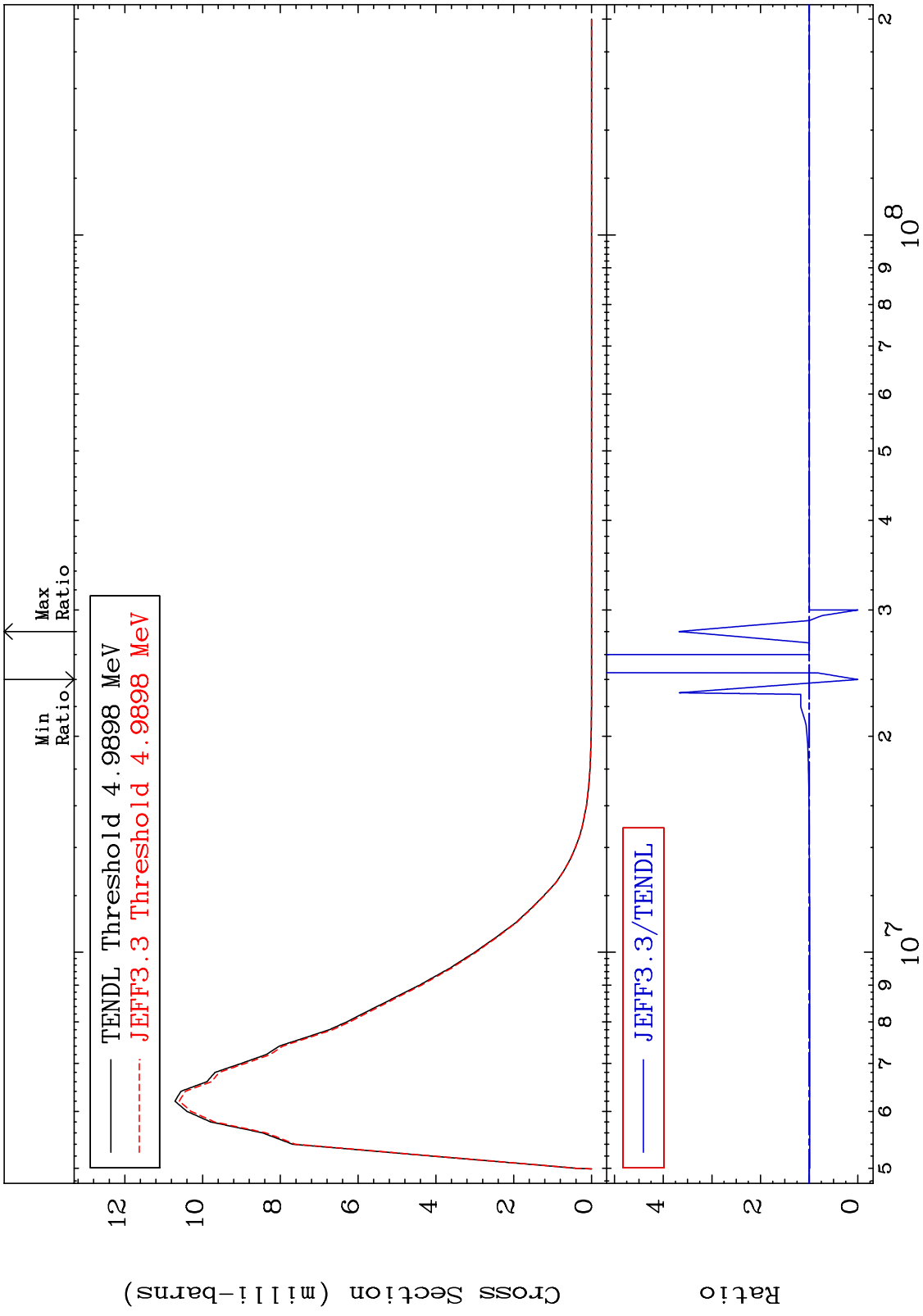


MAT 1122 MT= 73 (n,n') Level Cross Section -100.0 To 270.5 % 11-Na-22



39 11-Na-22

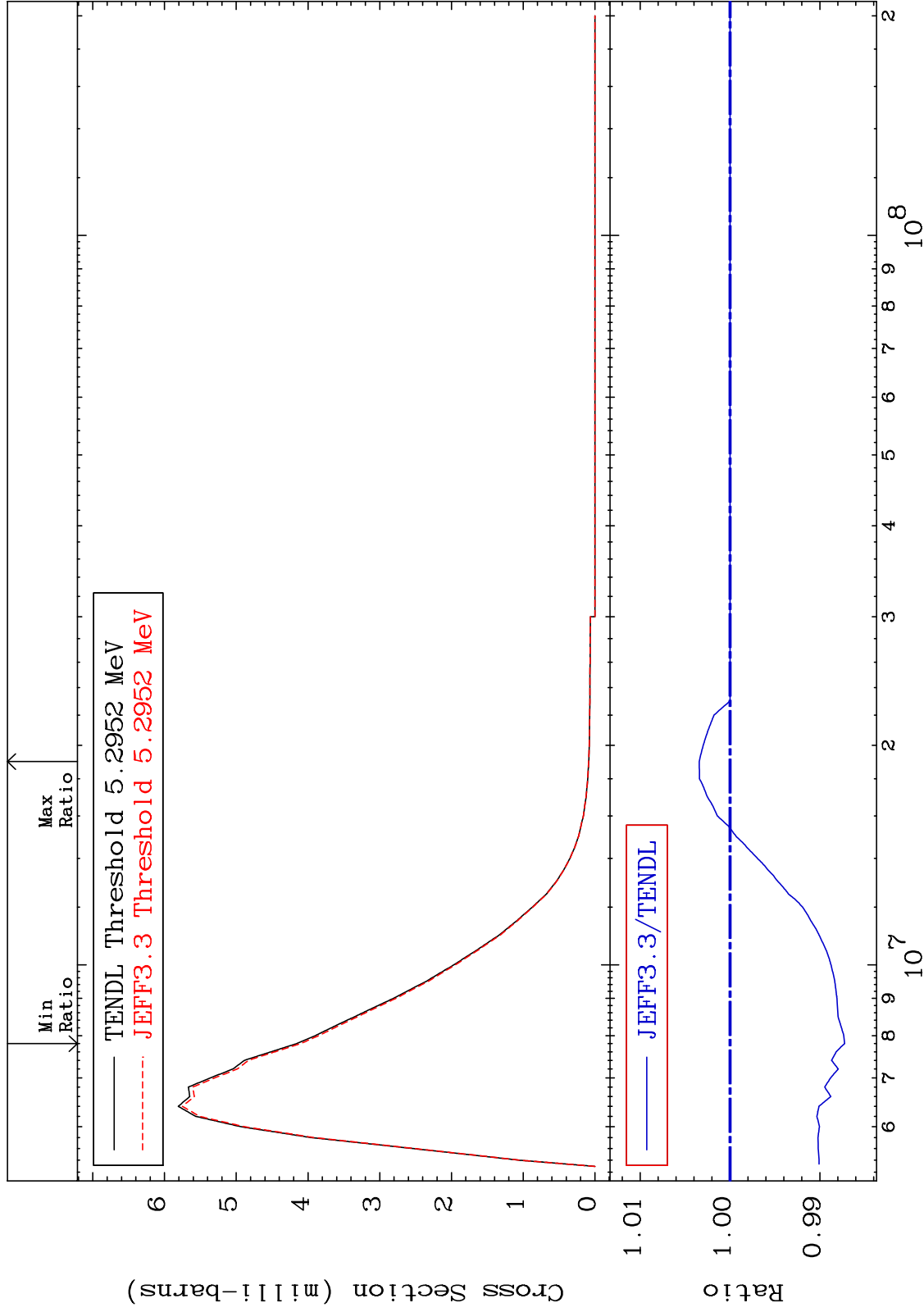
MAT 1122 MT= 74 (n,n') Level Cross Section -100.0 To 267.5 % 11-Na-22



MAT 1122

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

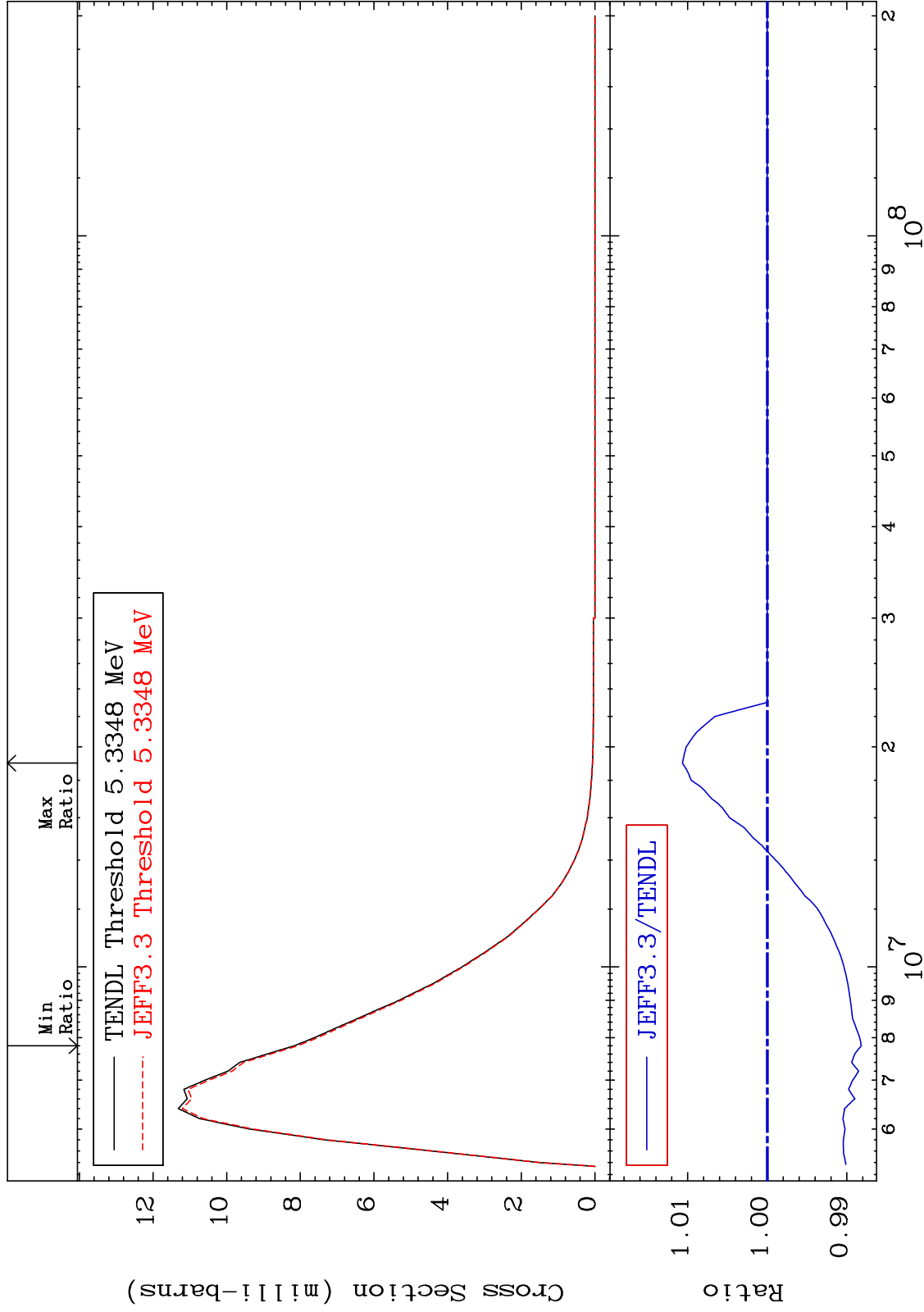
11-Na-22
-1.275 To 0.343 %



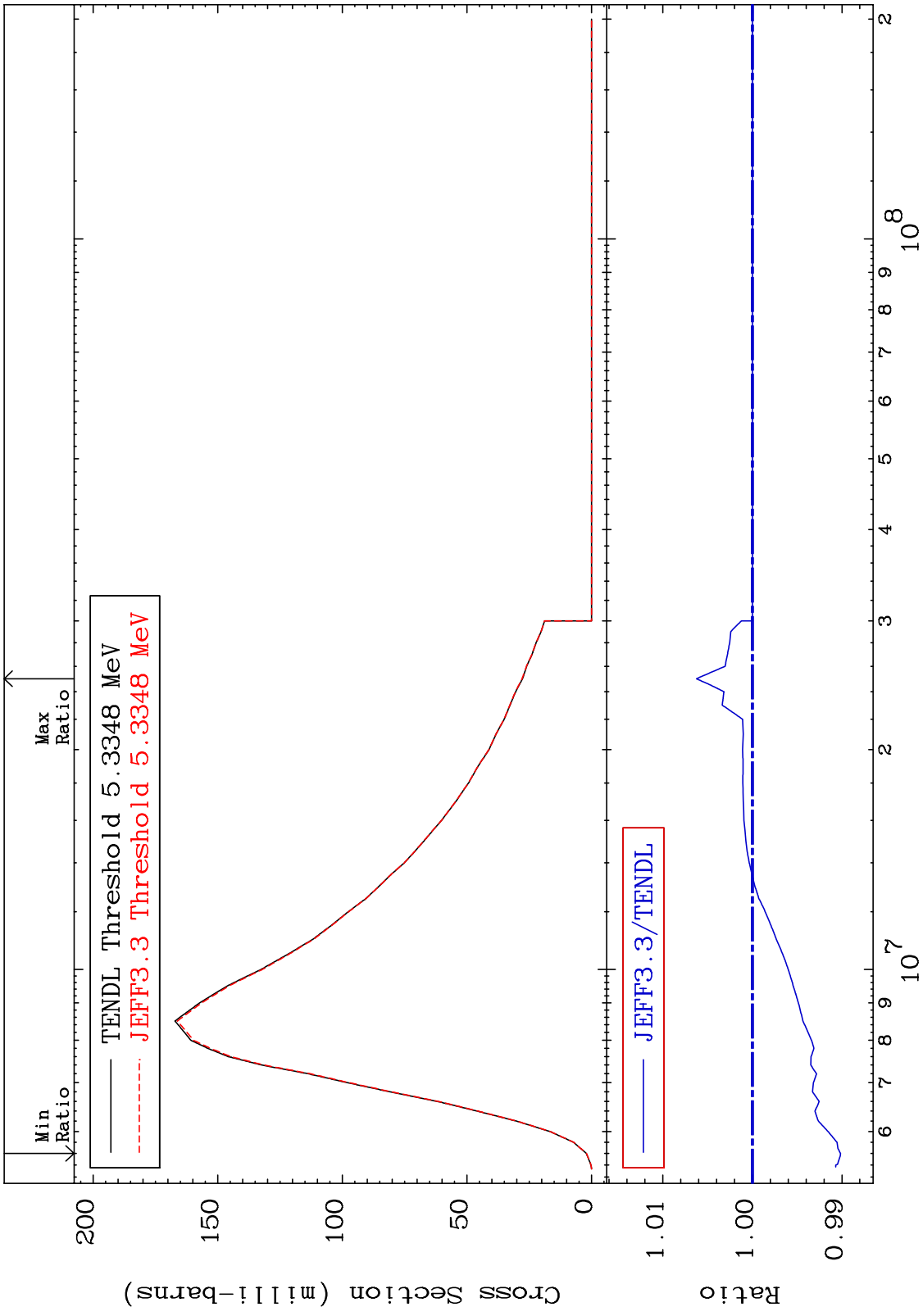
MAT 1122

MT= 76 (n,n') Level
Cross Section

11-Na-22
-1.181 To 1.066 %



MAT 1122 11-Na-22
-0.984 To 0.625 %
 (n,n') Continuum
 Cross Section



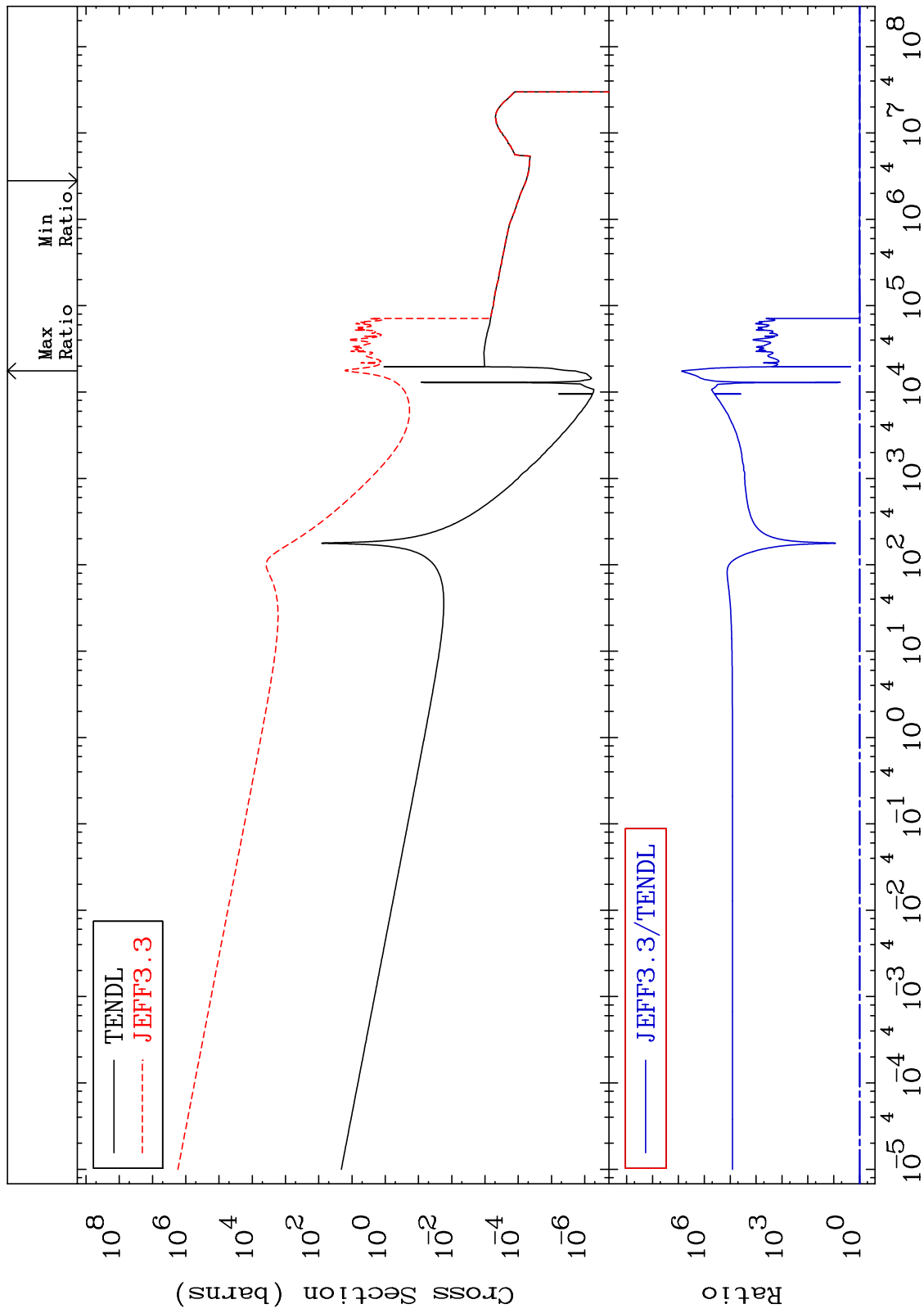
MAT 1122

(n, γ)

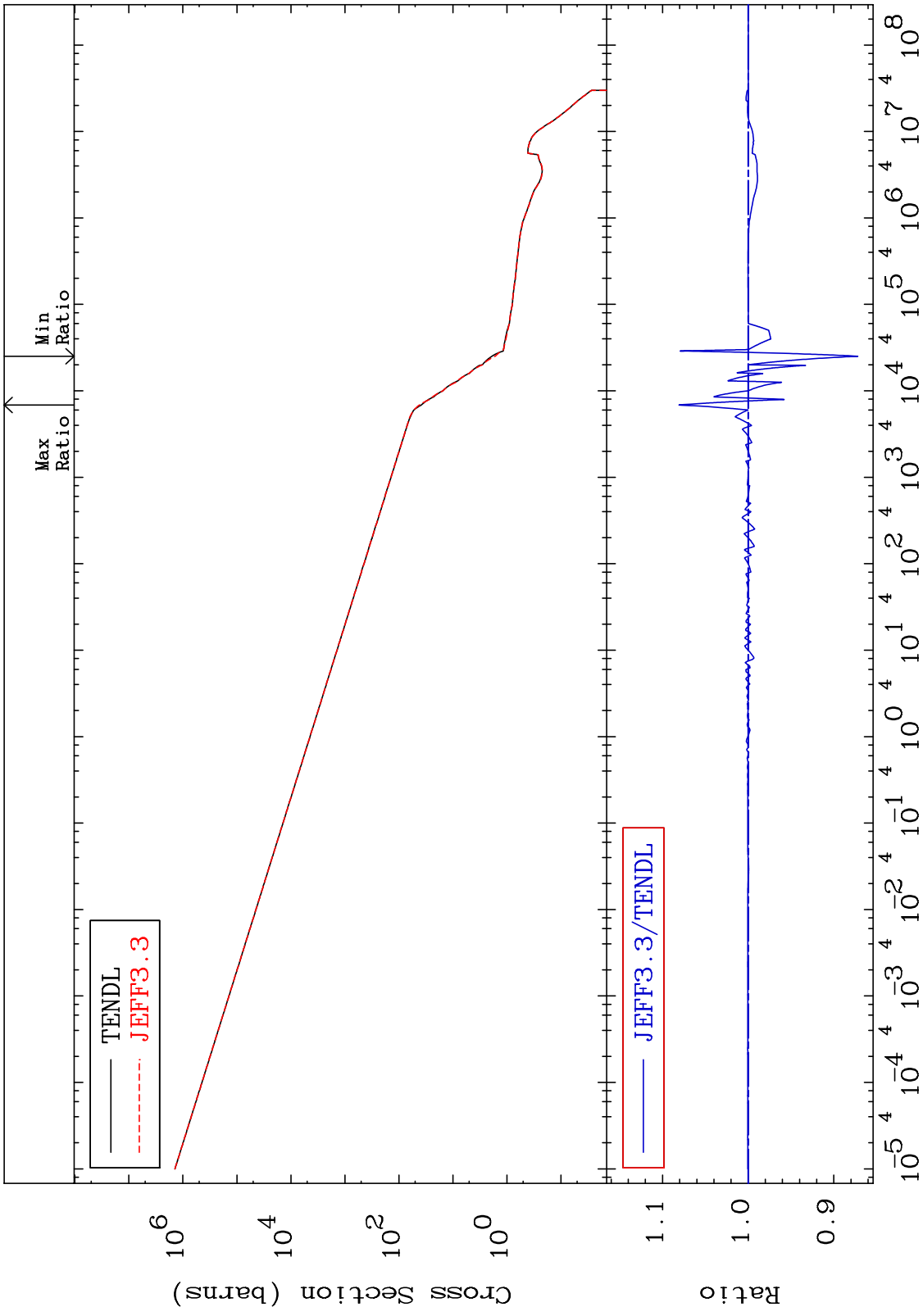
11-Na-22

Cross Section

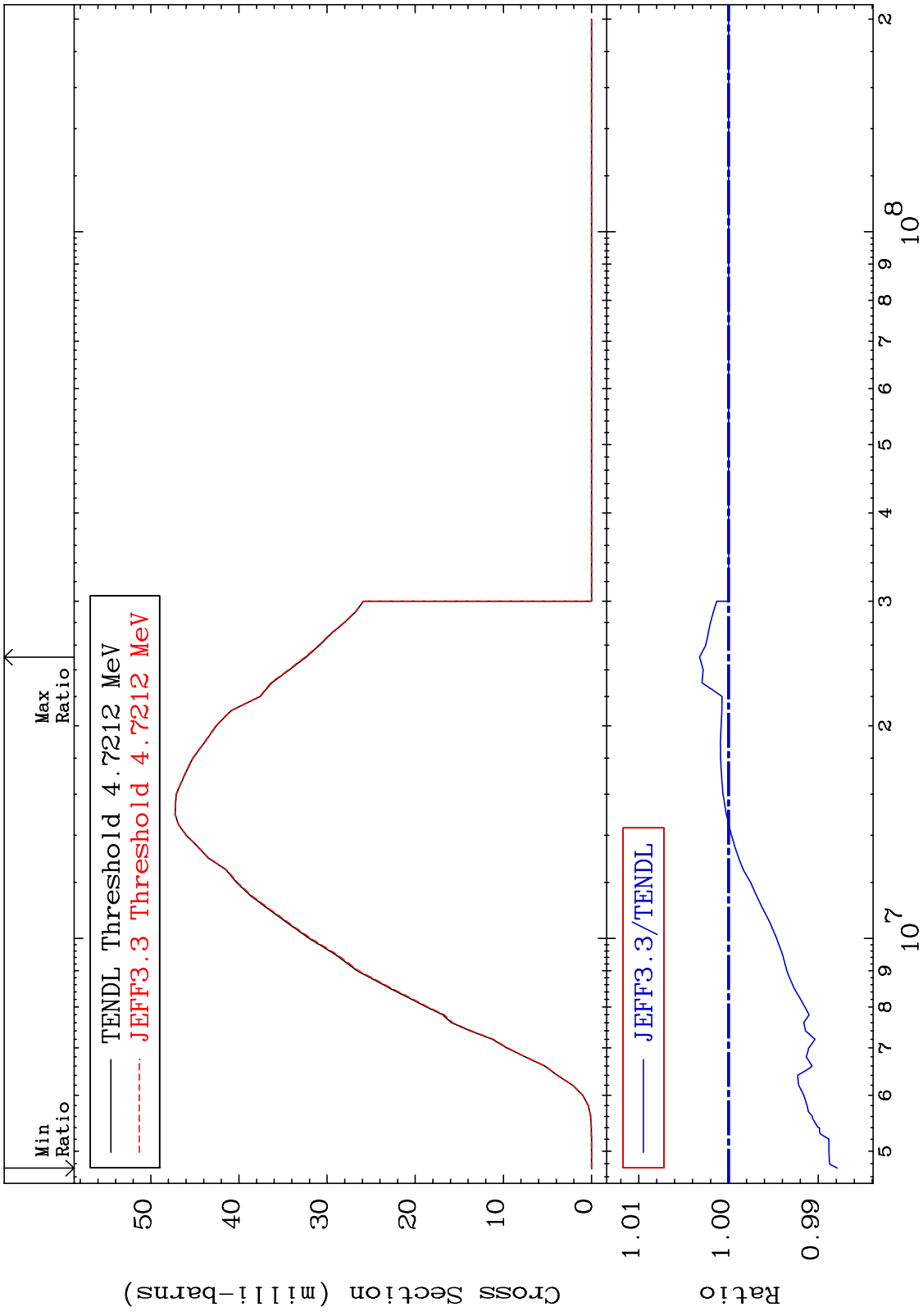
-1.132 To 9999. %



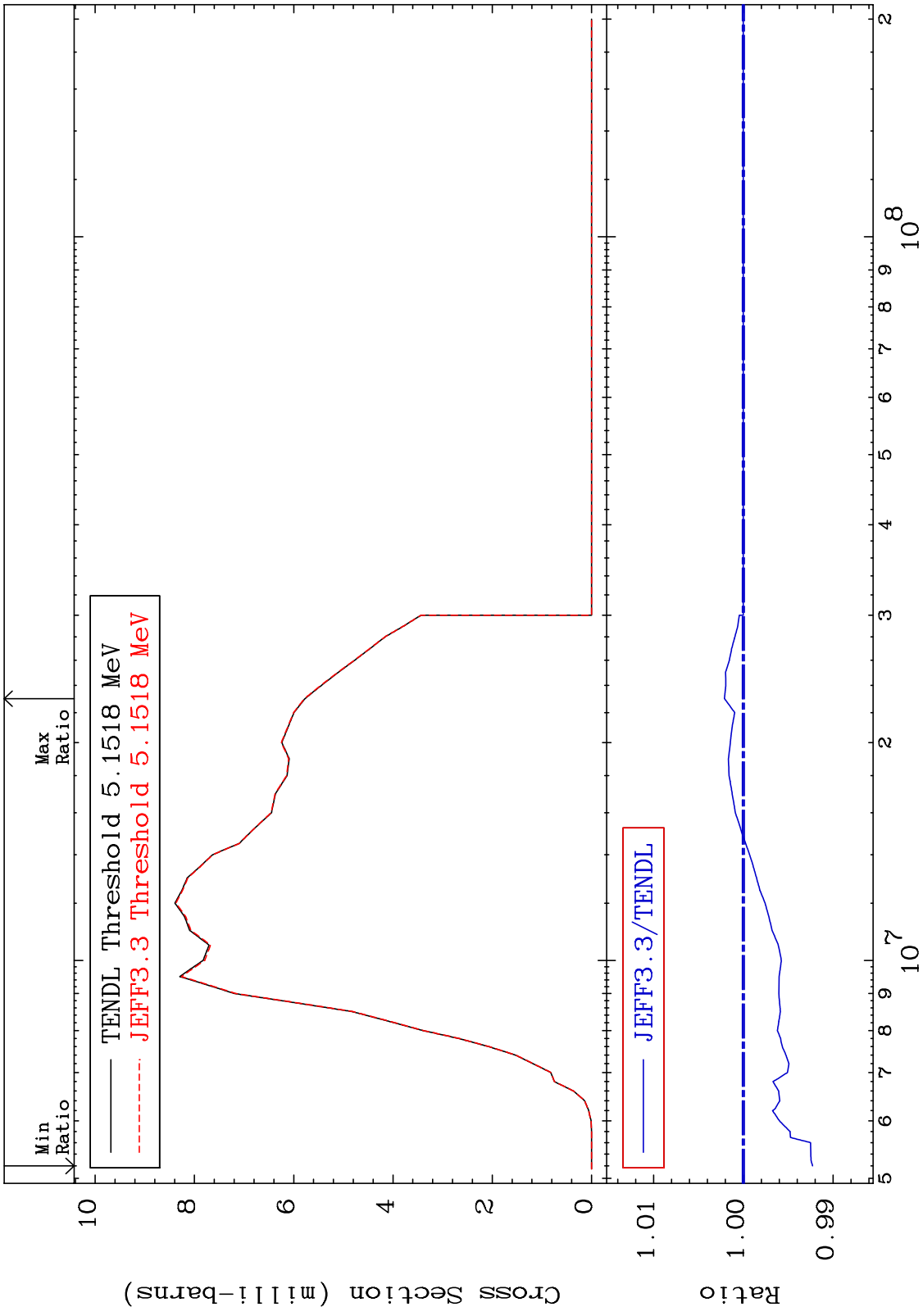
MAT 1122 (n,p) Cross Section 11-Na-22 -12.81 To 8.073 %

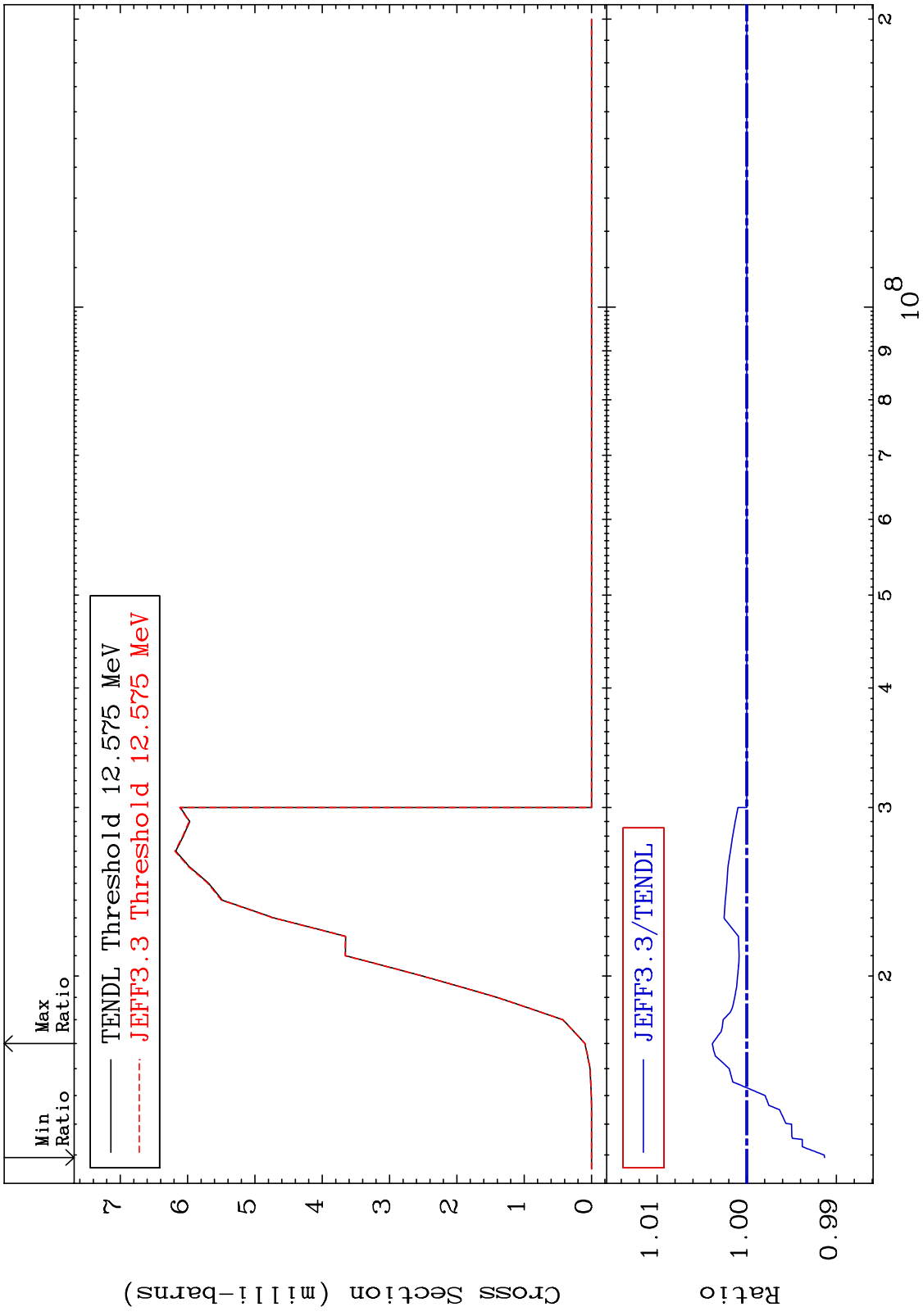


MAT 1122 (n,d) 11-Na-22
-1.212 To 0.323 %



MAT 1122 11-Na-22
-0.771 To 0.211 %
(n, t)
Cross Section





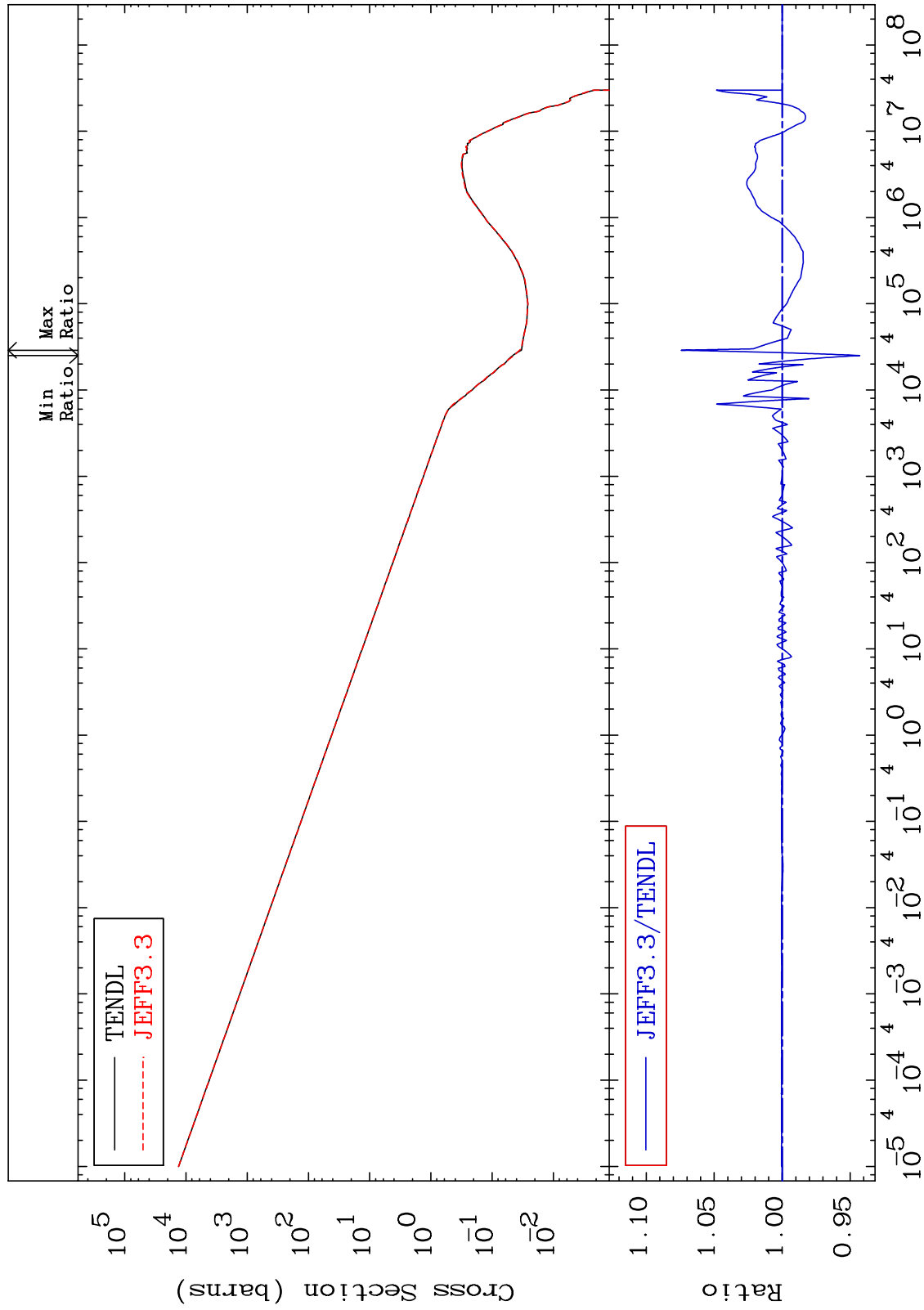
MAT 1122

(n, α)

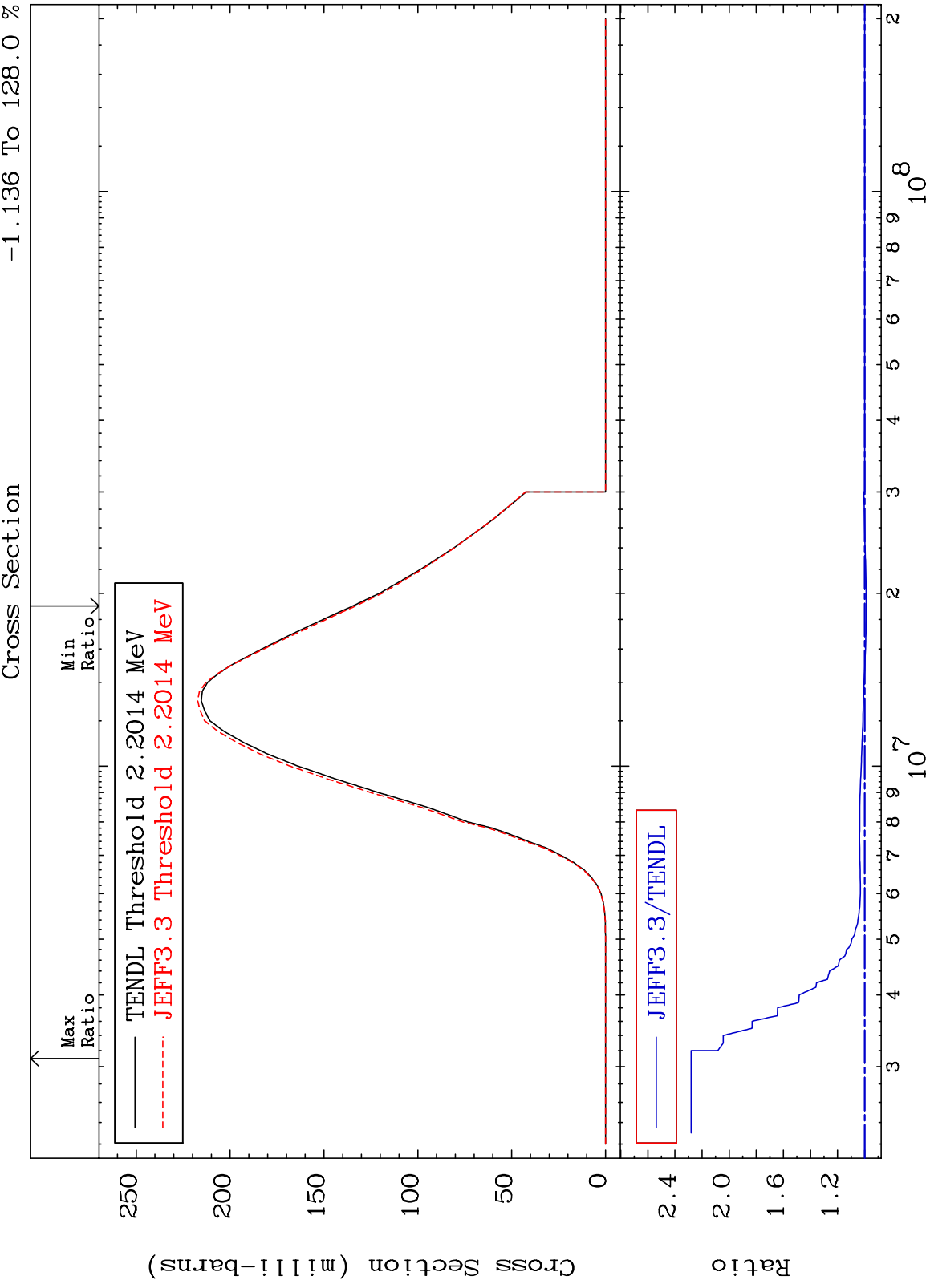
11-Na-22

Cross Section

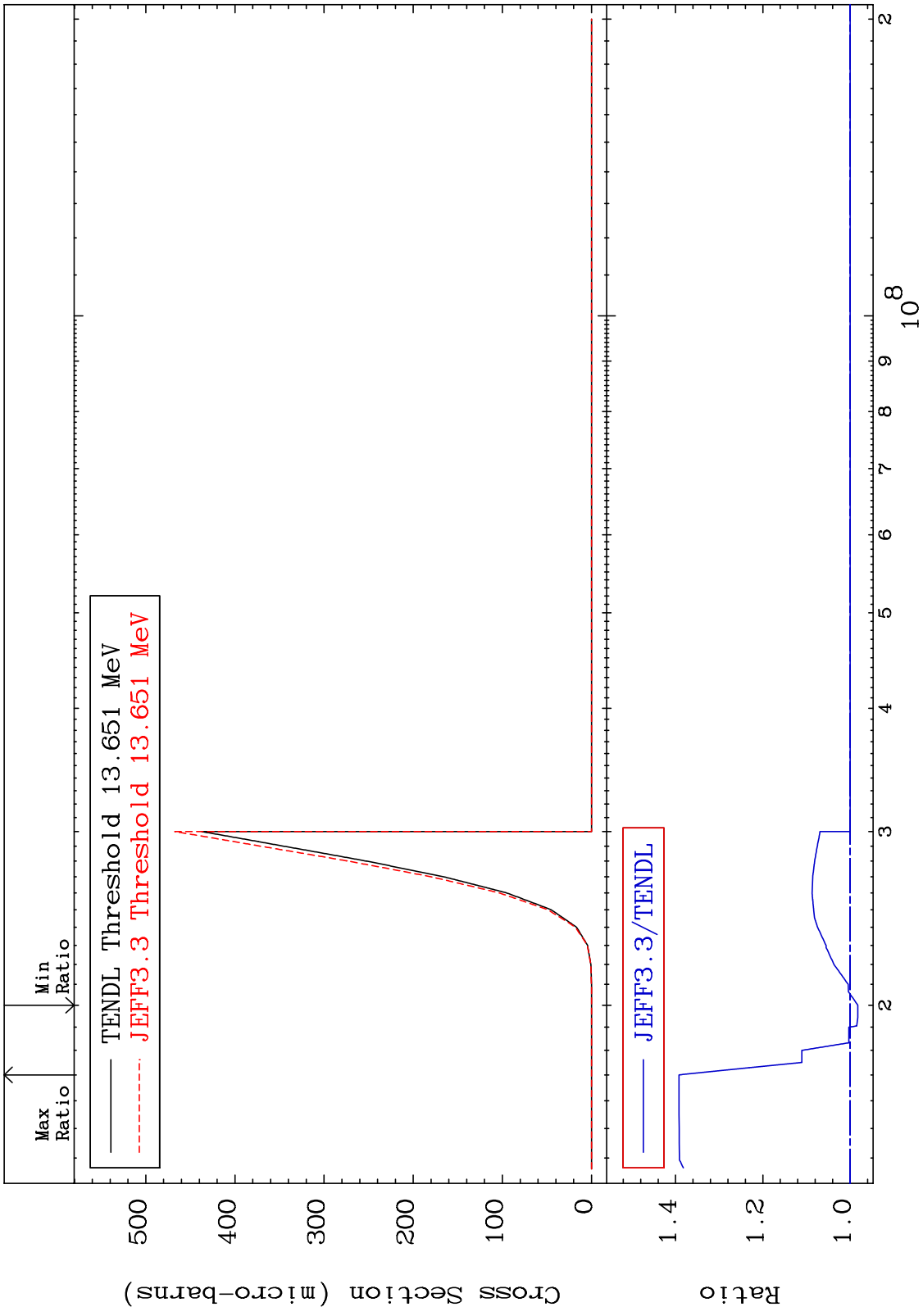
-5.710 To 7.408 %



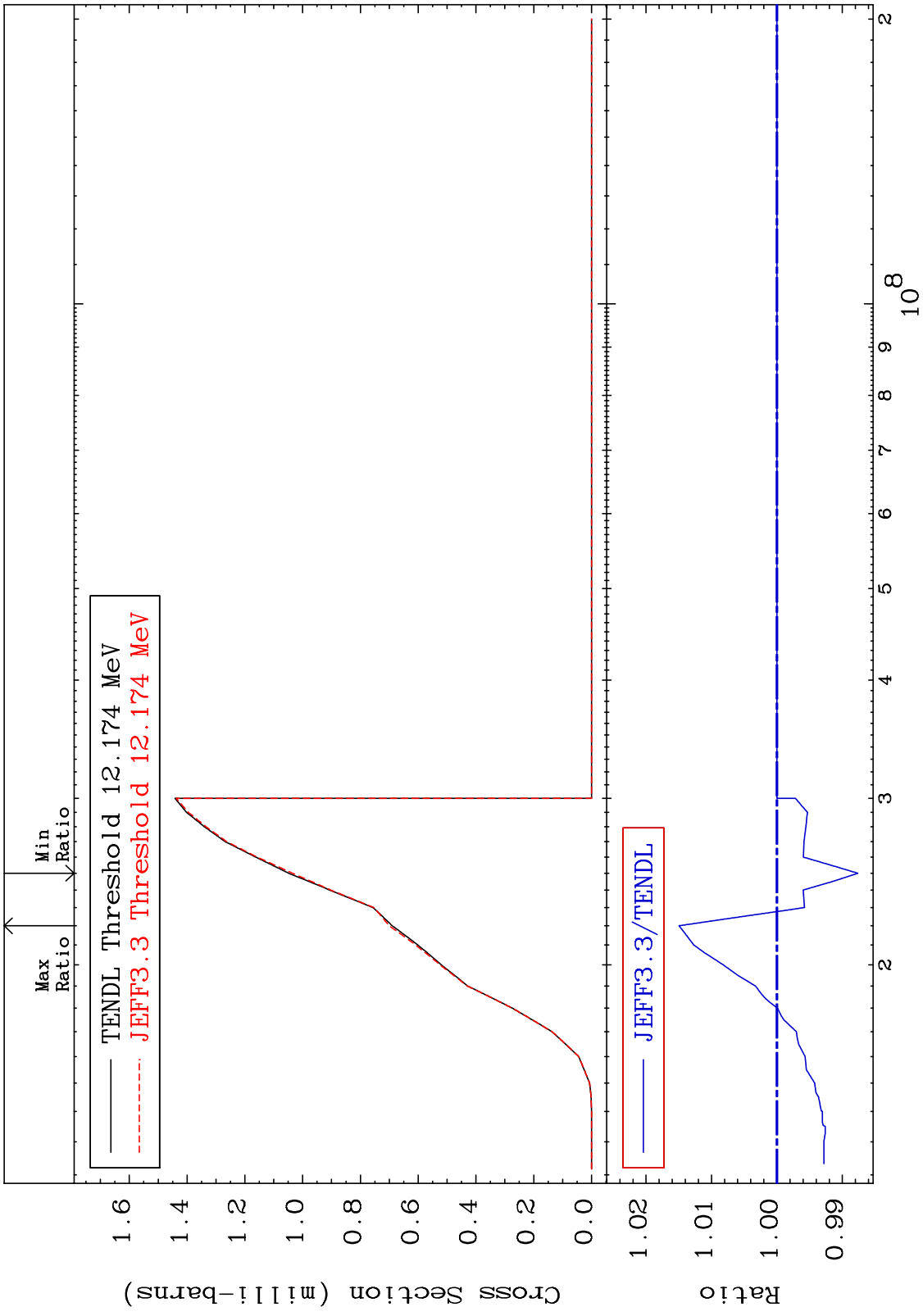
MAT 1122 $(n, 2\alpha)$ 11-Na-22
-1.136 To 128.0 %



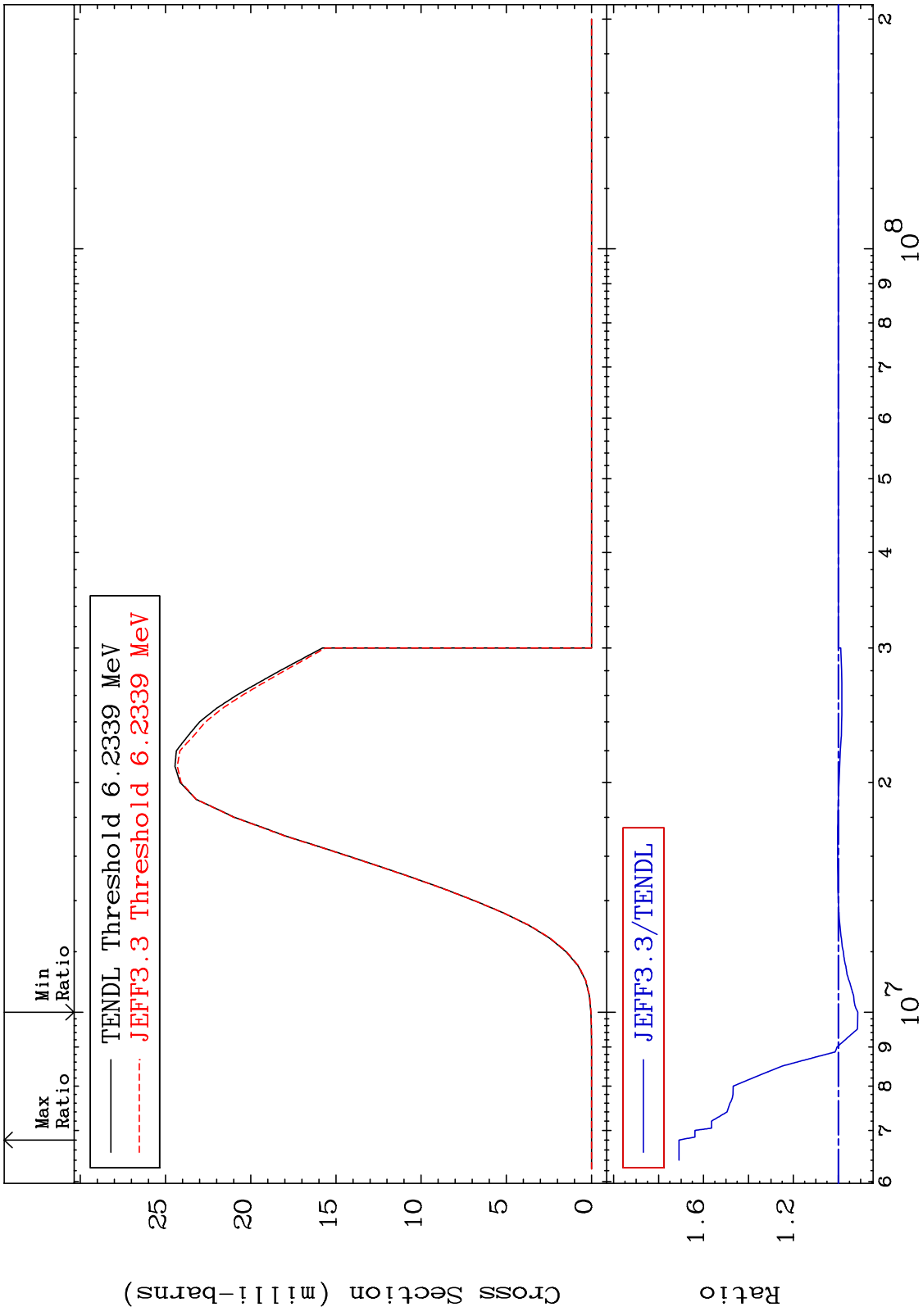
MAT 1122 $(n, 3\alpha)$ 11-Na-22
 Cross Section -1.781 To 39.20 %



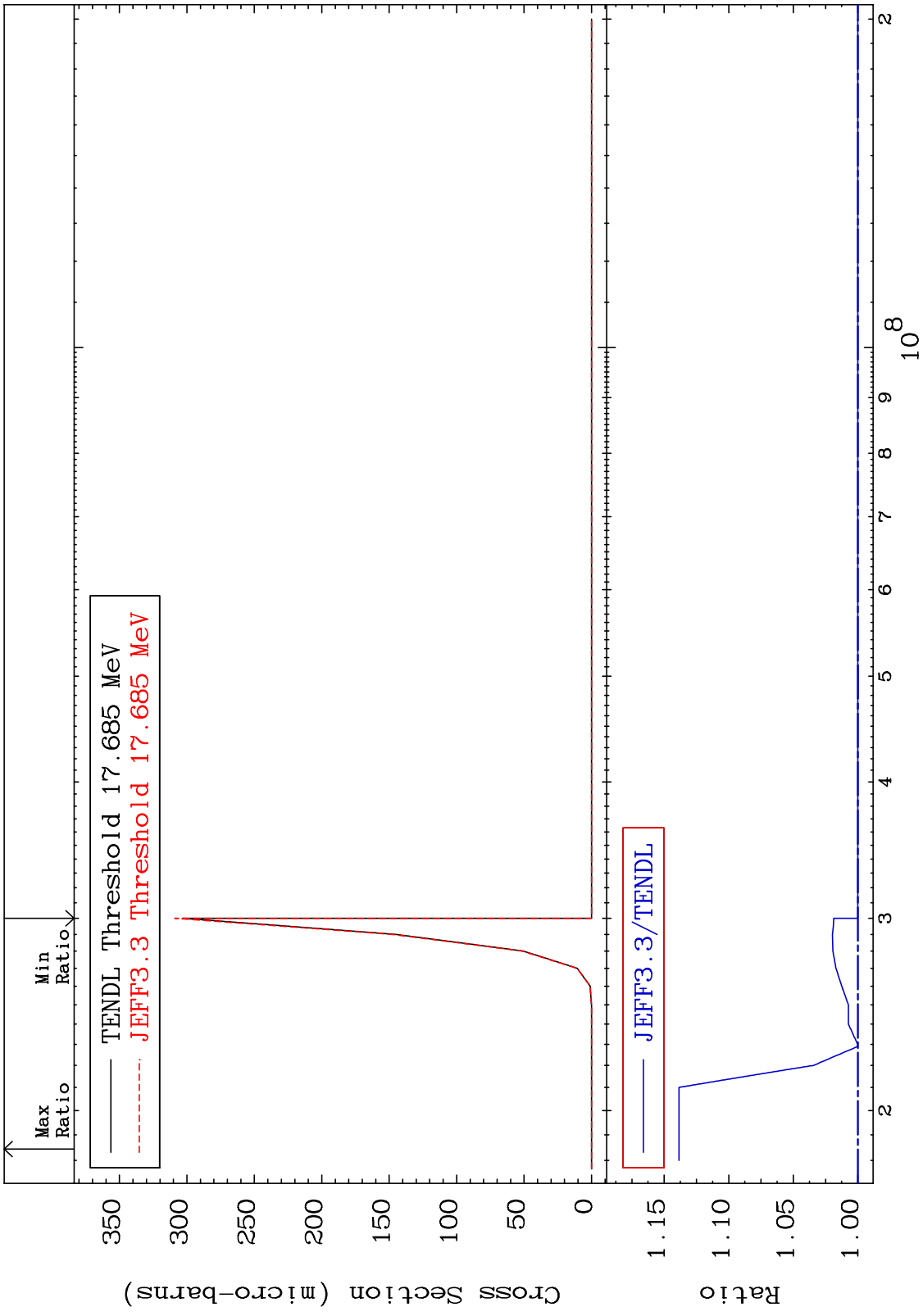
MAT 1122 (n,2p) Cross Section 11-Na-22
 -1.236 To 1.496 %



MAT 1122 $(n,p) \alpha$ 11-Na-22
 Cross Section -8.708 To 70.91 %



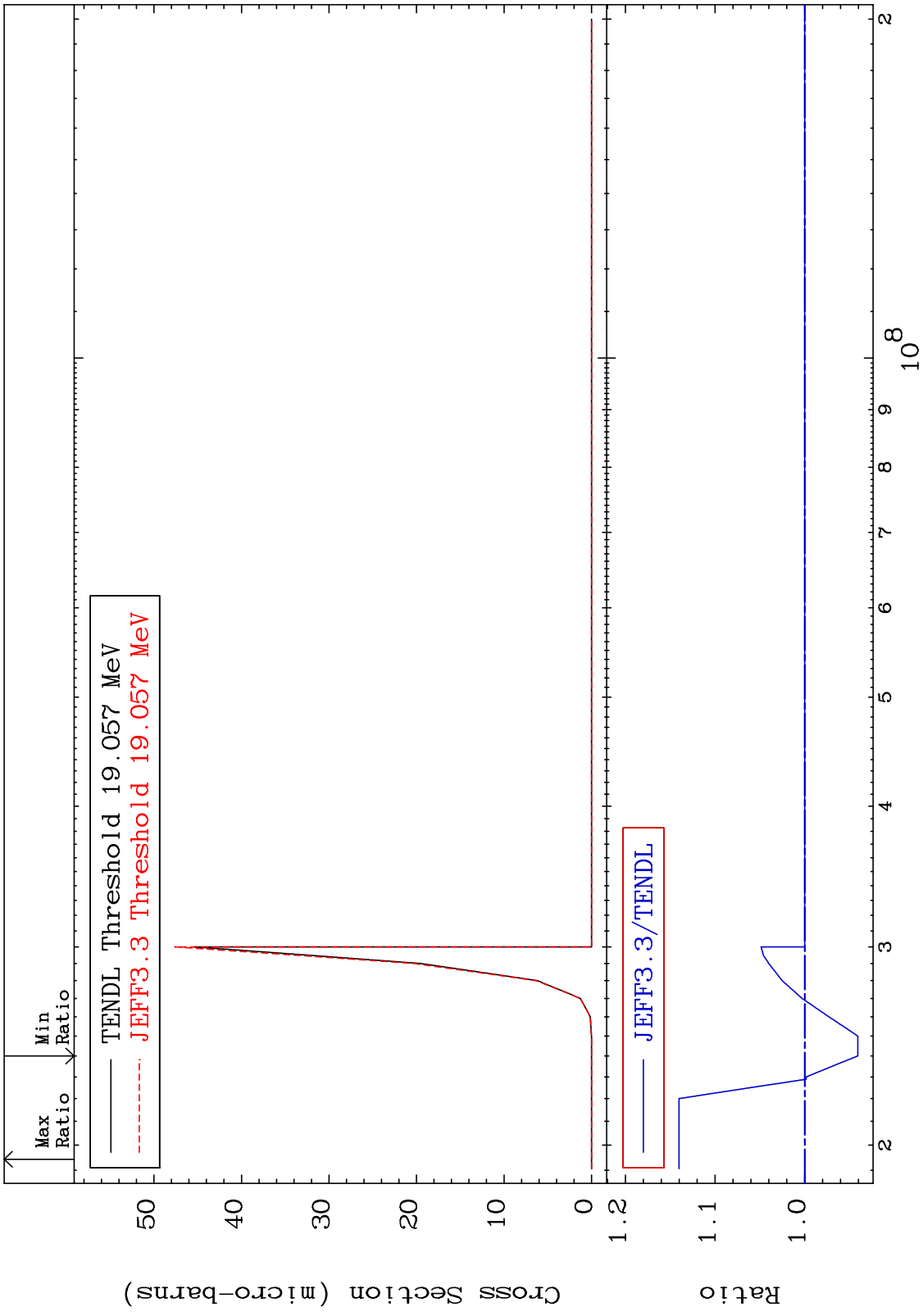
MAT 1122 (n, t) 2α 11-Na-22
 Cross Section To 13.85 %



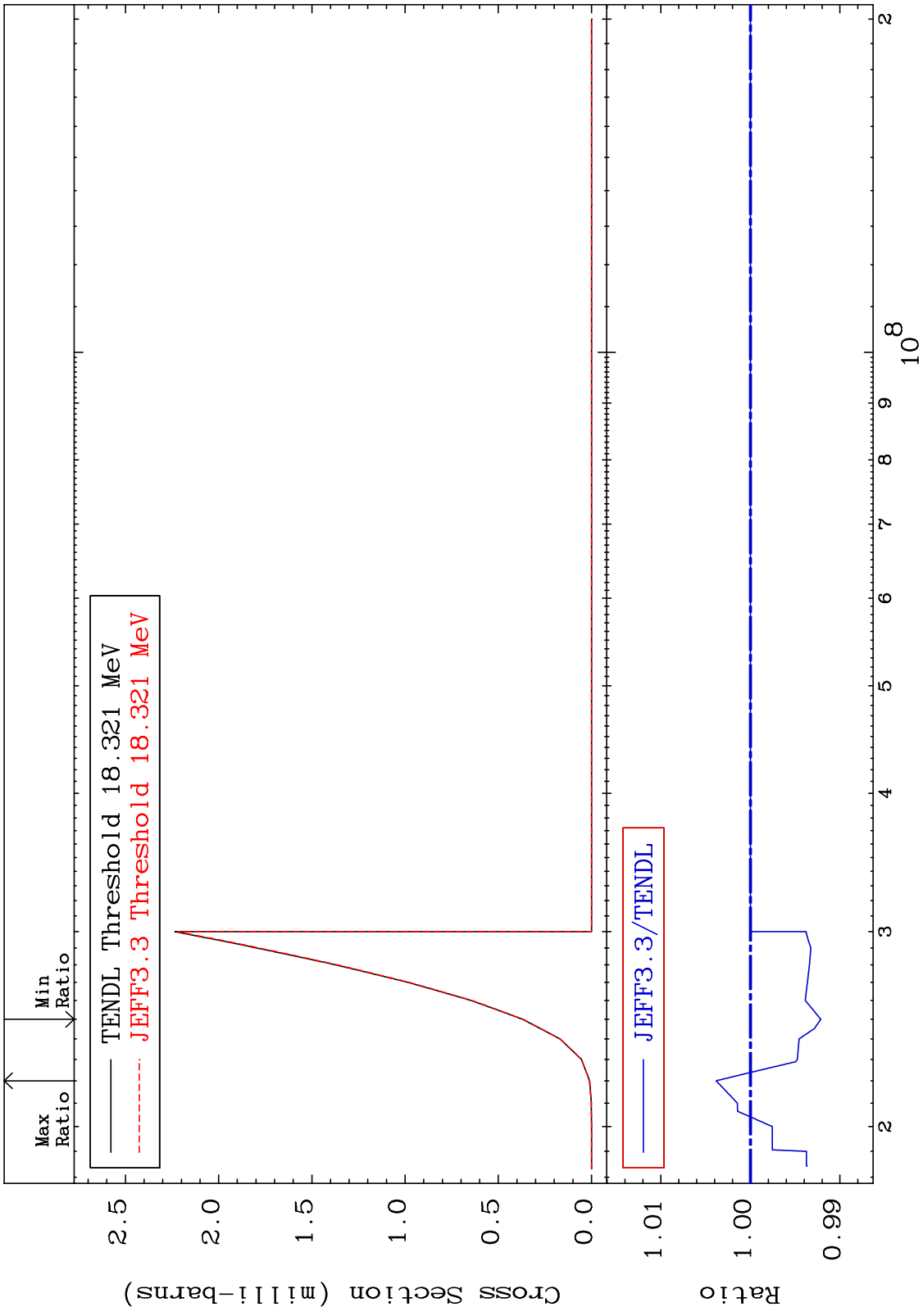
11-Na-22

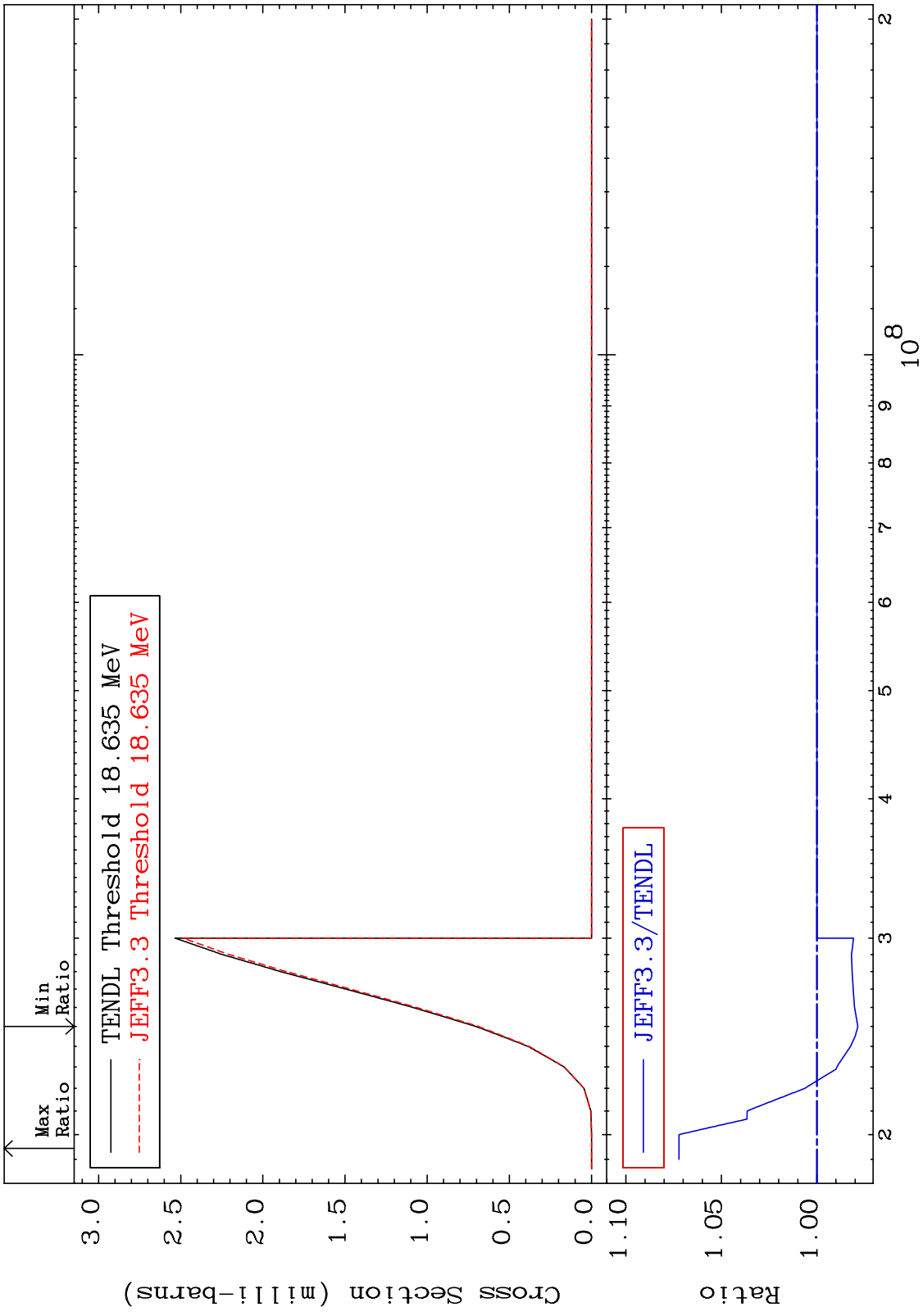
Incident Energy (eV)

MAT 1122 (n, d) 2α 11-Na-22
 Cross Section -5.922 To 14.02 %

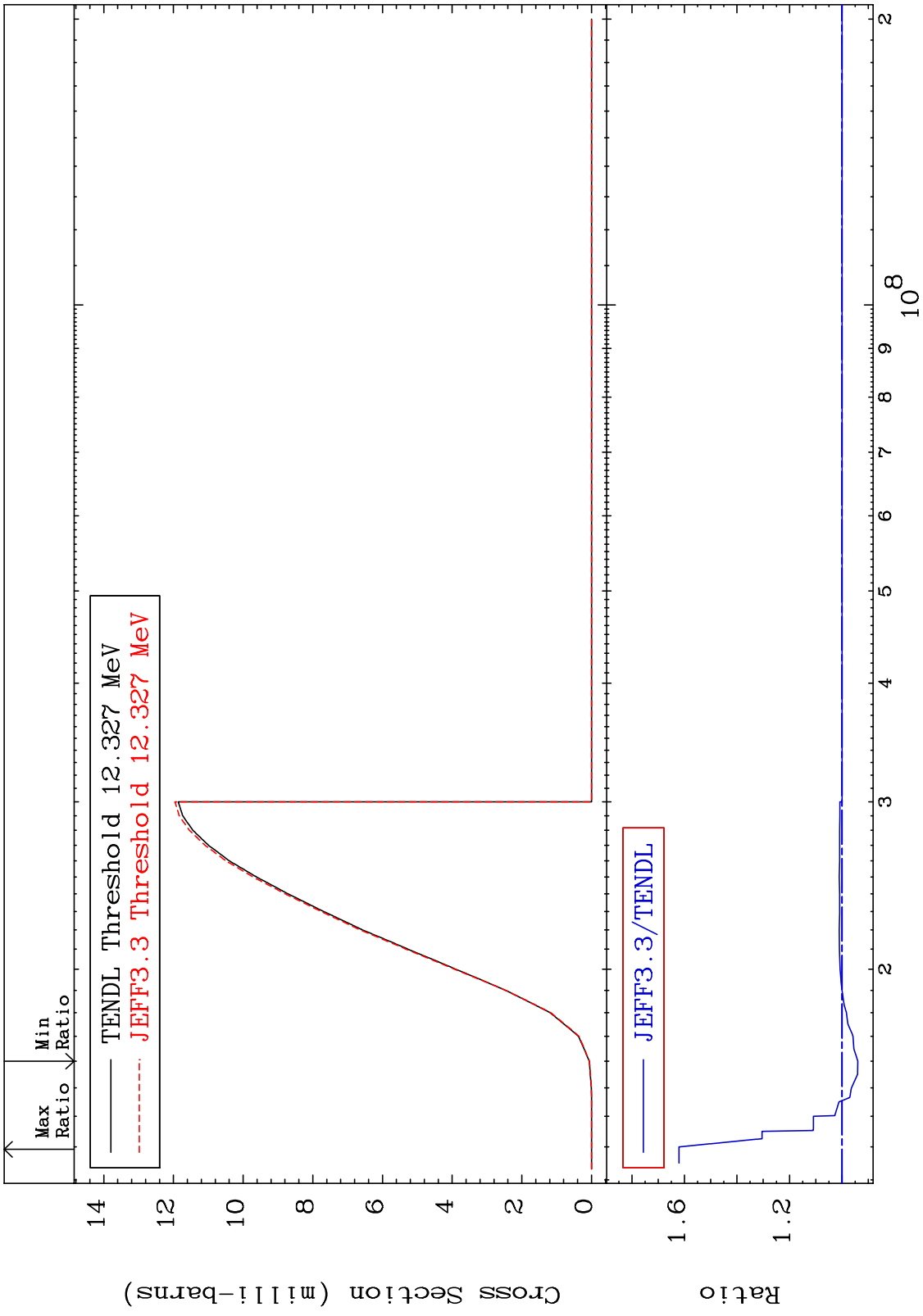


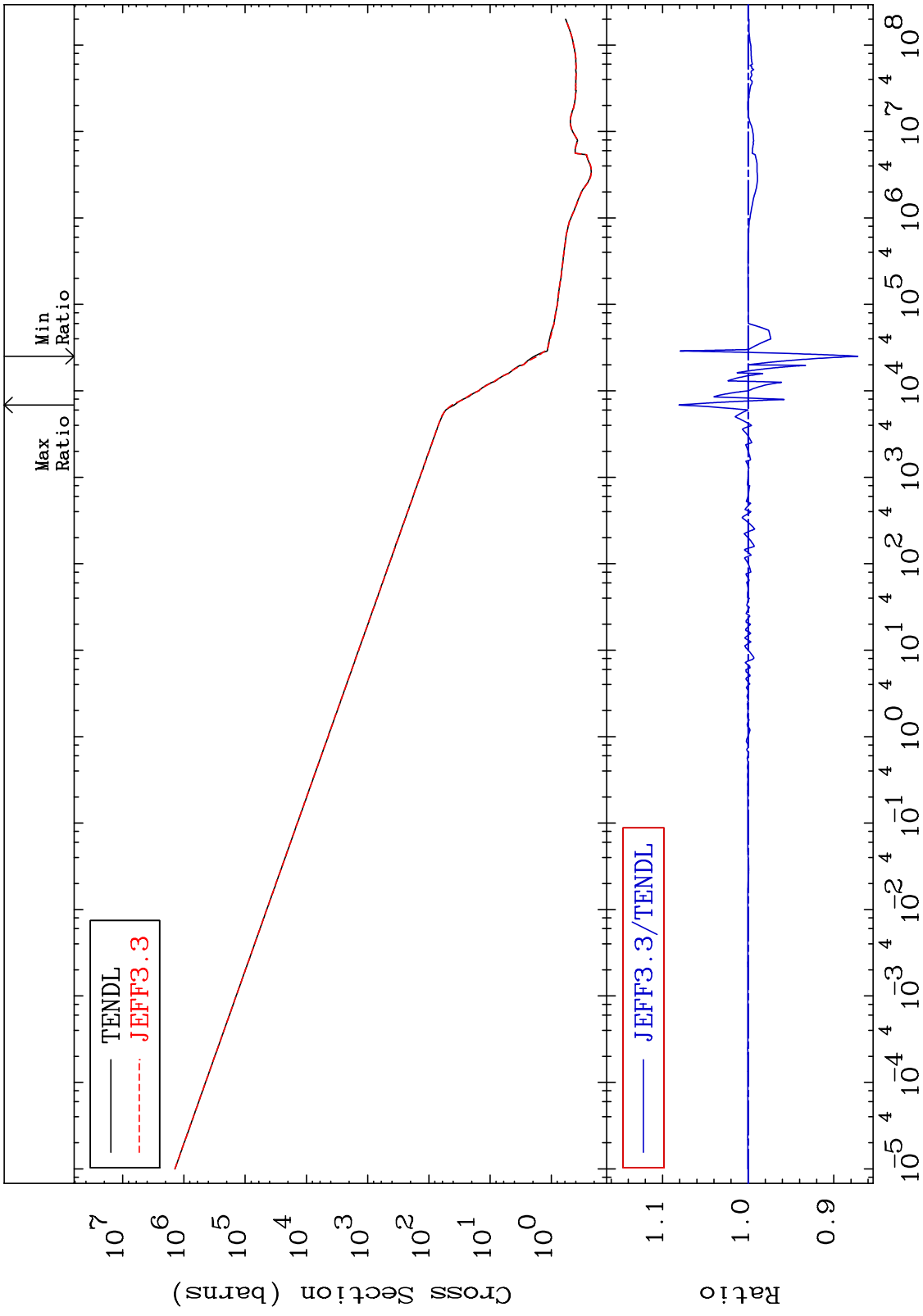
MAT 1122 (n,p) d 11-Na-22
 Cross Section -0.786 To 0.383 %



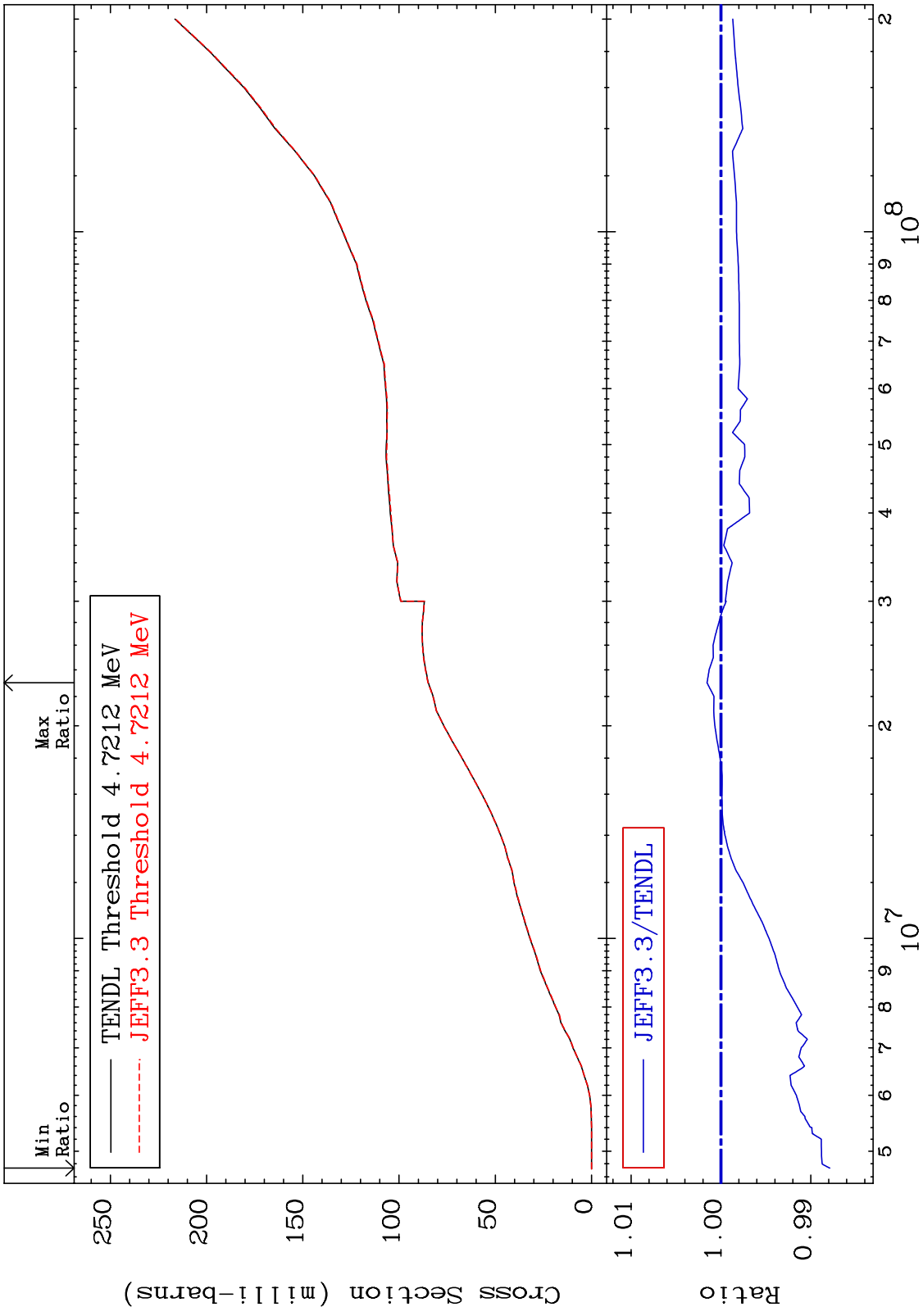


MAT 1122 (n,d) α 11-Na-22
 Cross Section -6.014 To 62.05 %



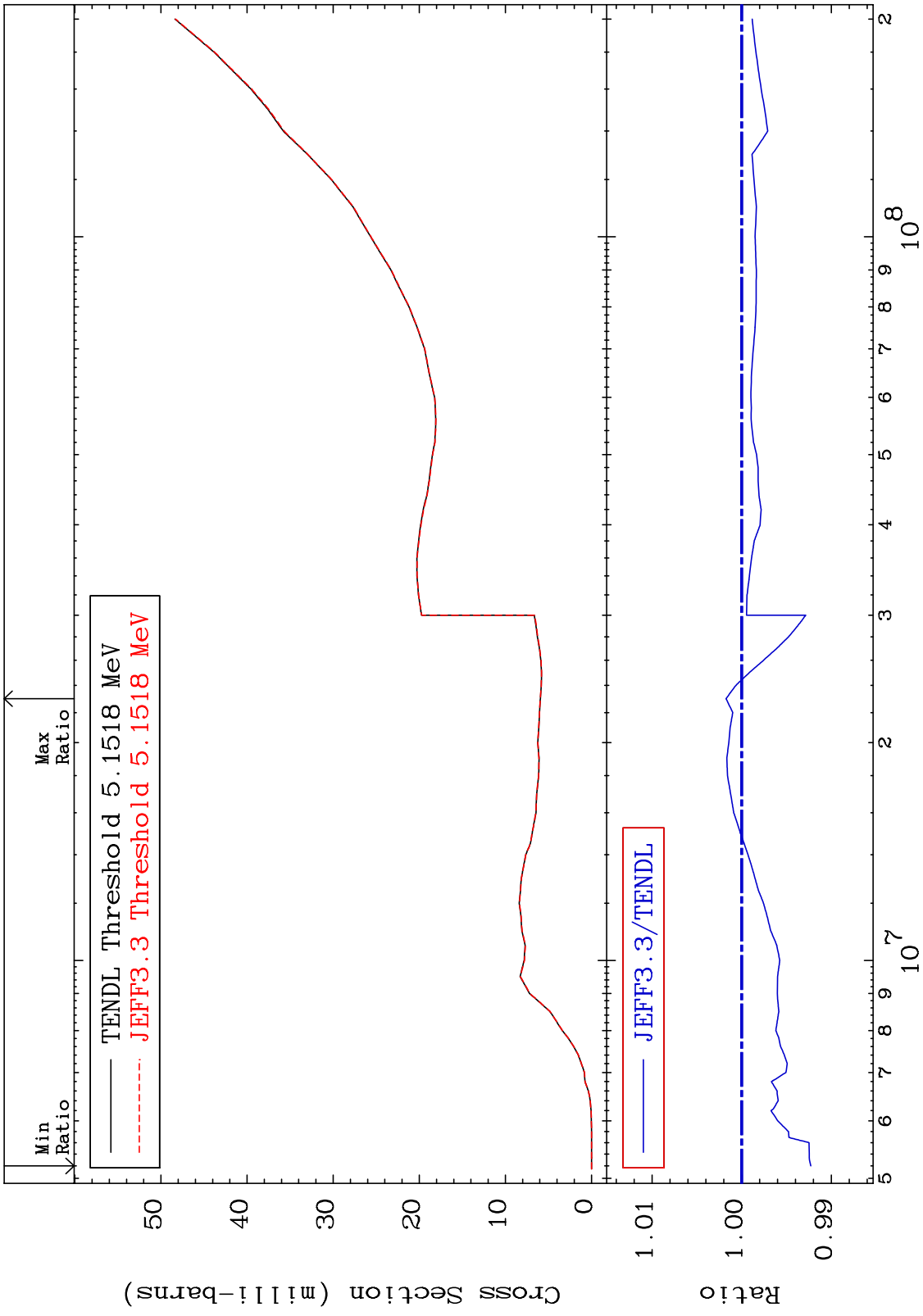


MAT 1122 Deuterium Production Cross Section 11-Na-22 -1.212 To 0.154 %



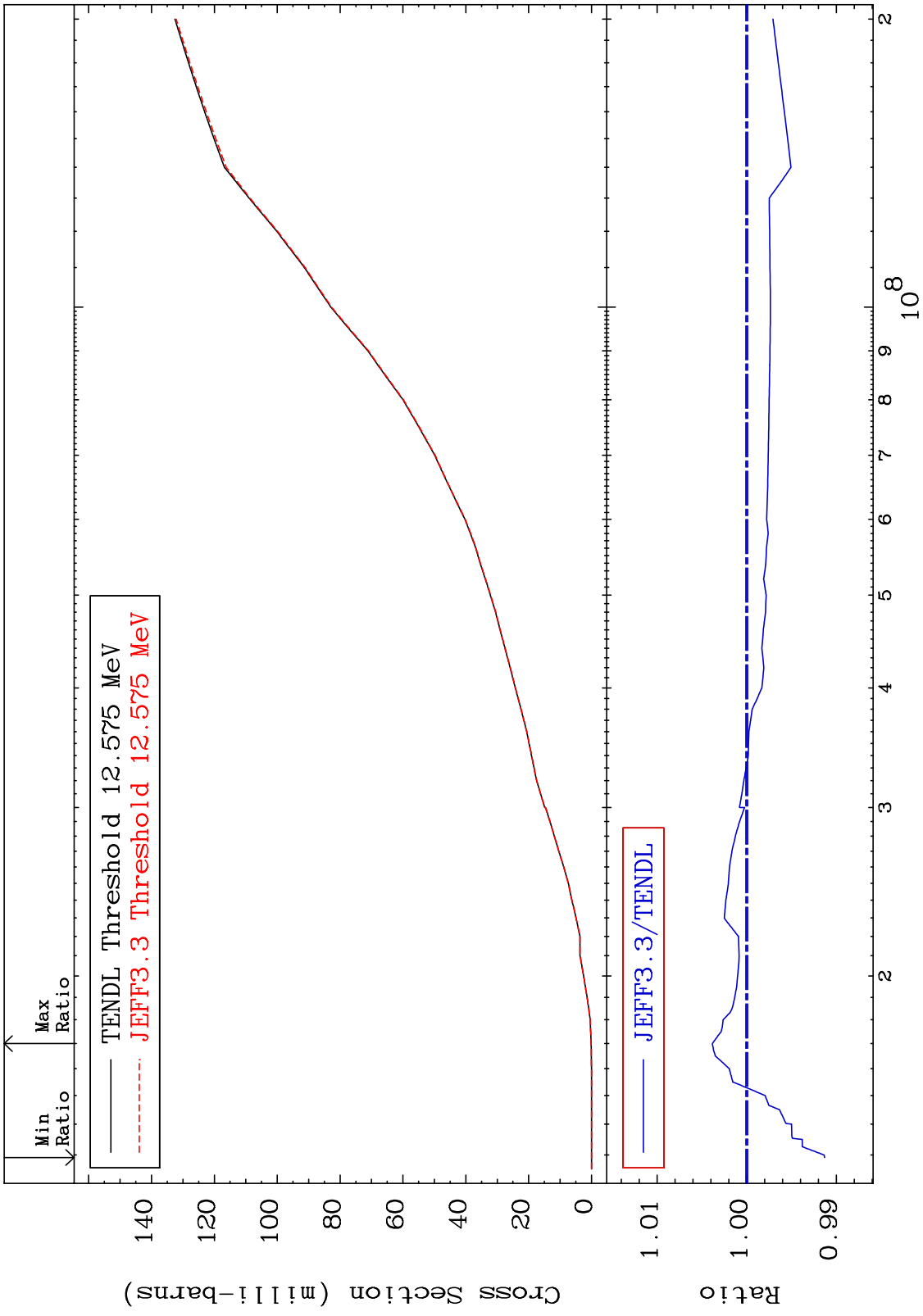
60 11-Na-22

MAT 1122 Tritium Production Cross Section 11-Na-22 -0.771 To 0.175 %



61 11-Na-22

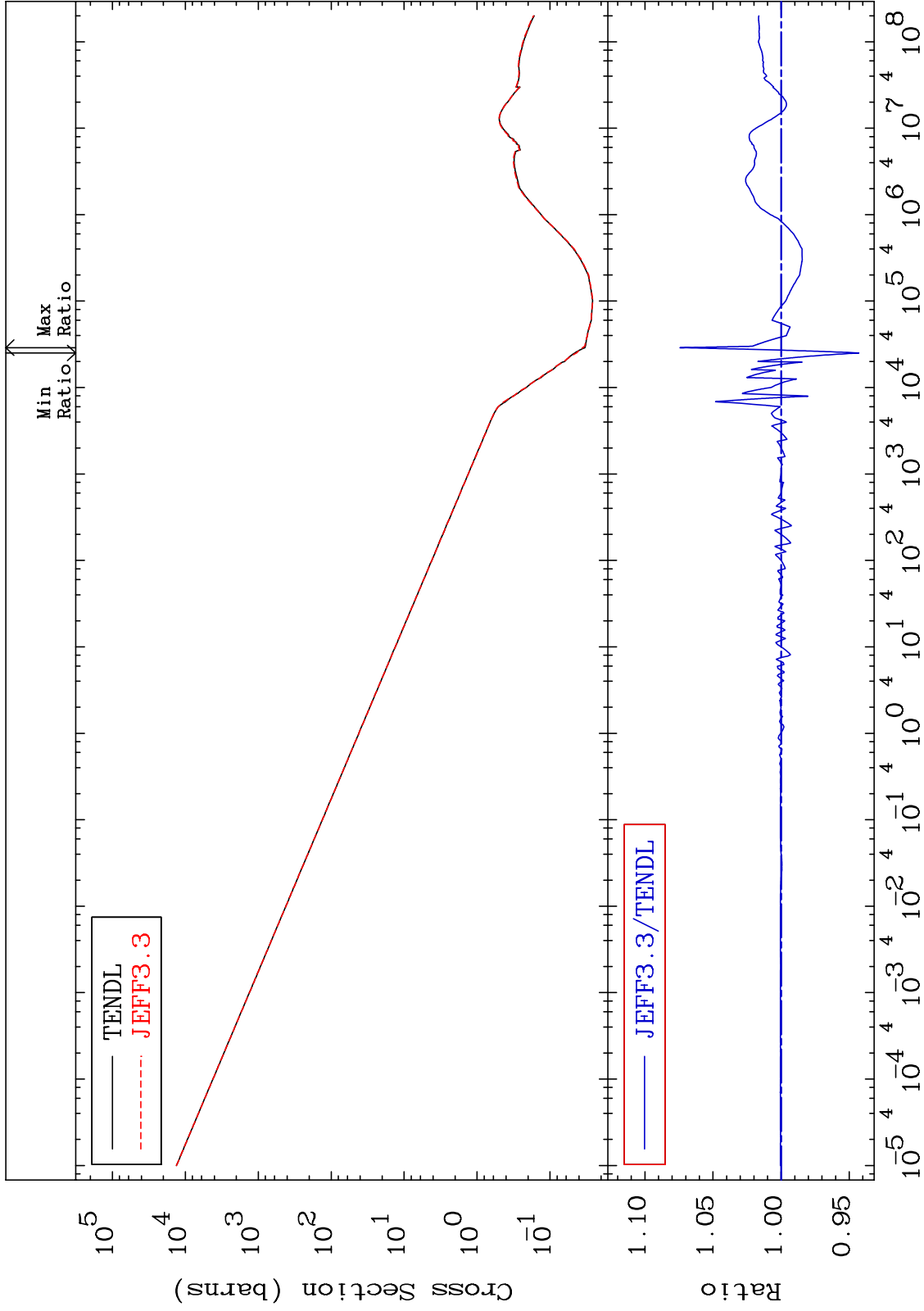
MAT 1122 He-3 Production Cross Section 11-Na-22
 -0.867 To 0.385 %



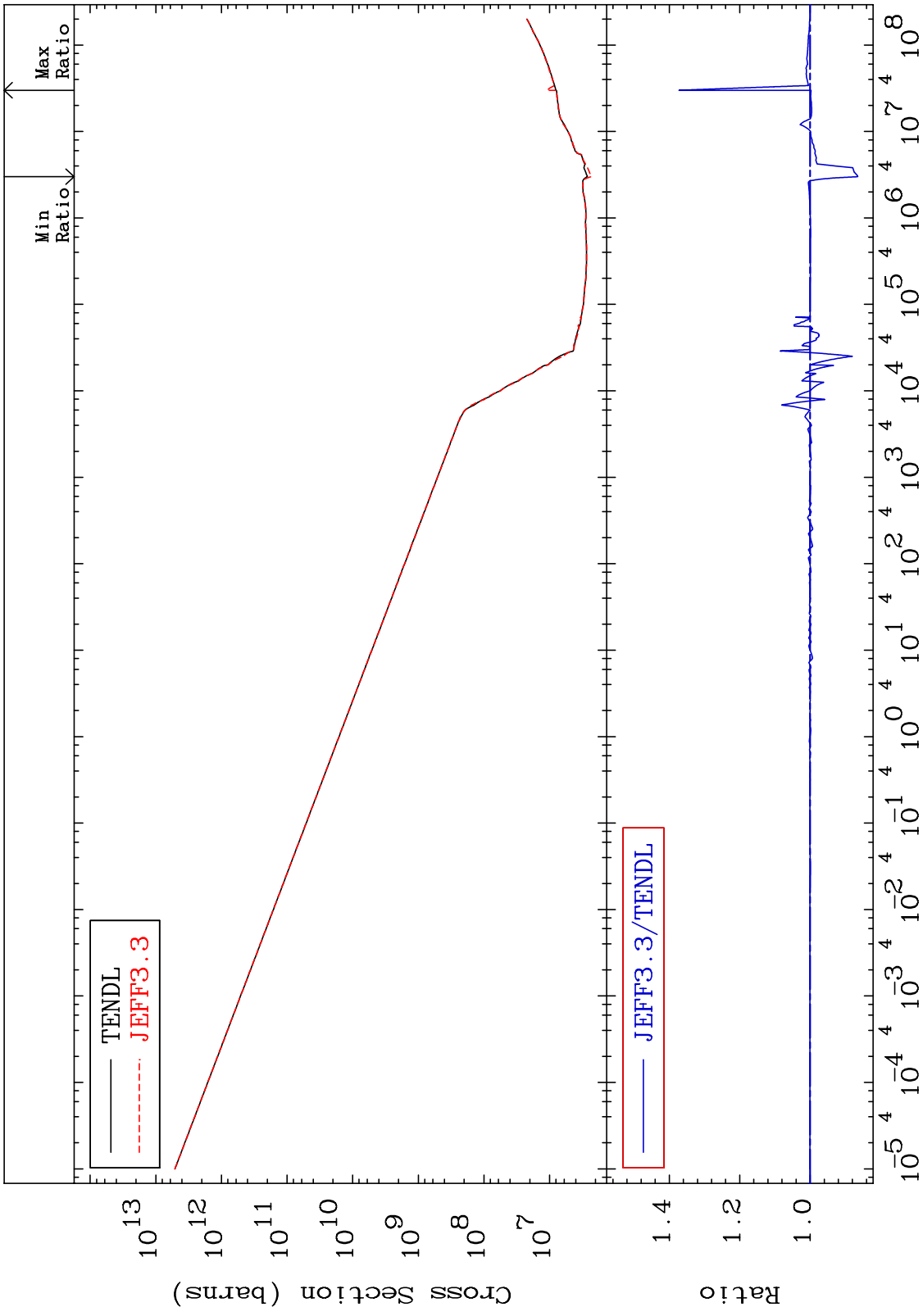
MAT 1122

He-4 Production
Cross Section

11-Na-22
-5.710 To 7.408 %



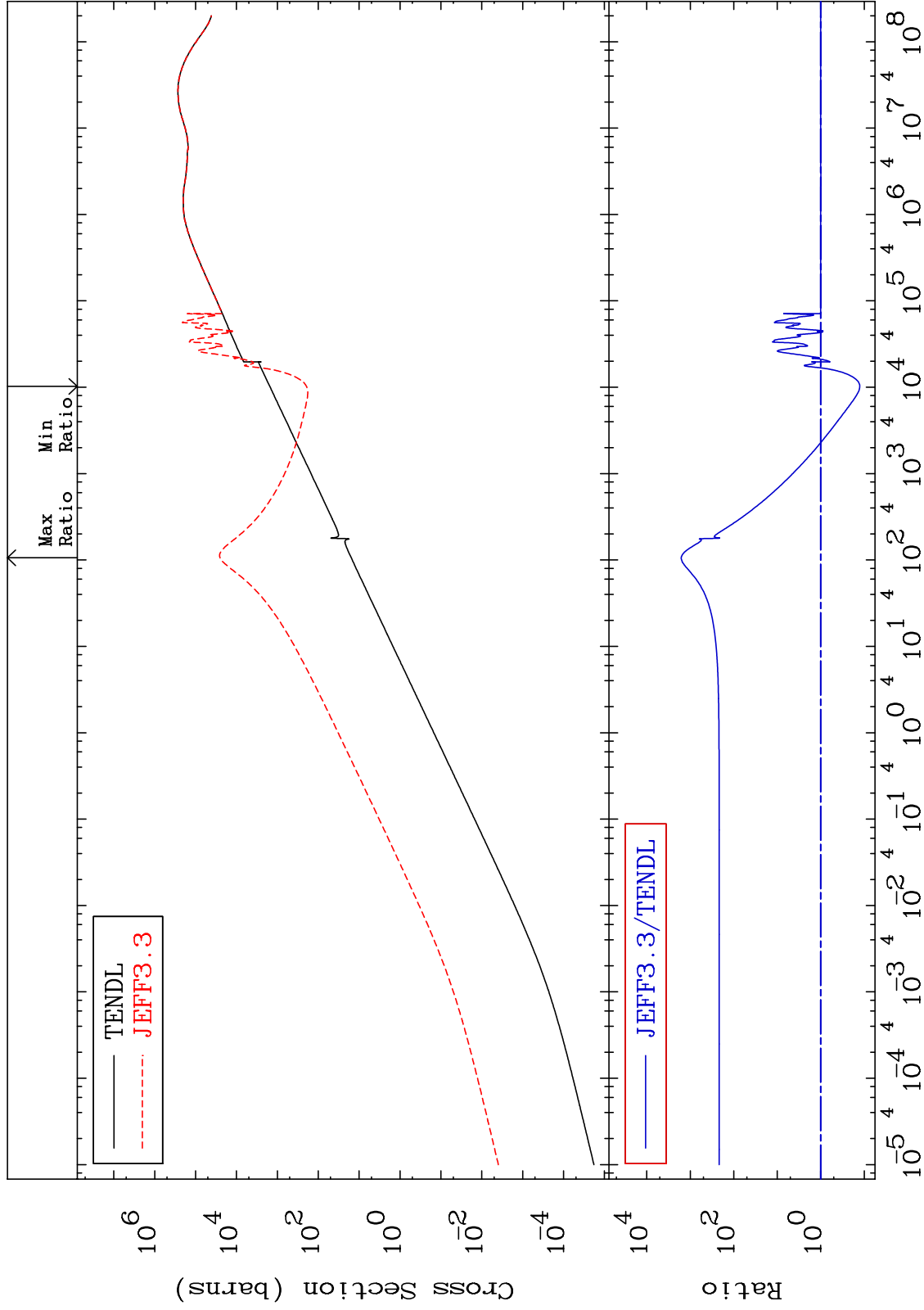
MAT 1122 Kerma total (eV-barns)
Cross Section 11-Na-22
-13.54 To 37.23 %



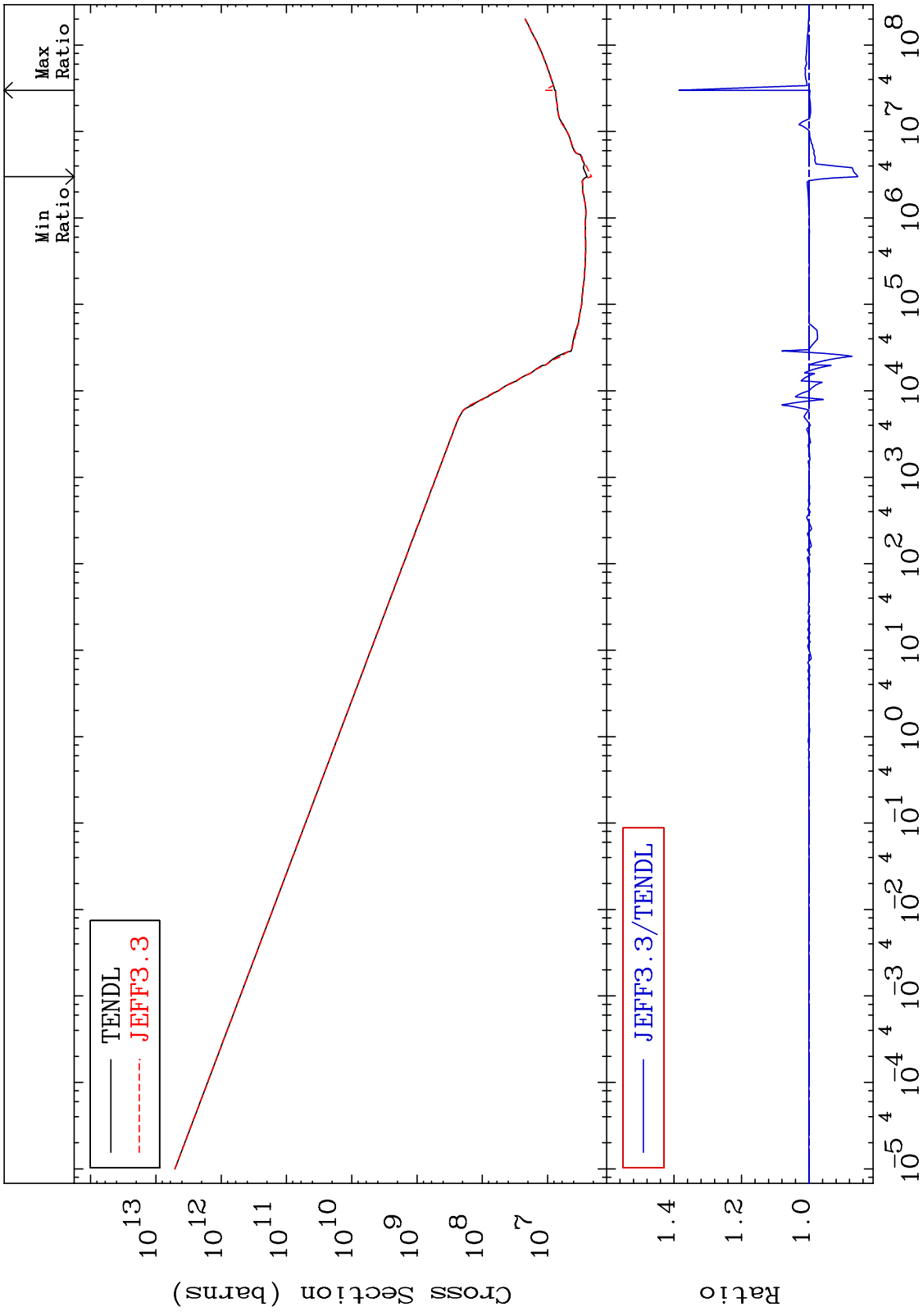
MAT 1122

Kerma elastic
Cross Section

11-Na-22
-87.35 To 9999. %



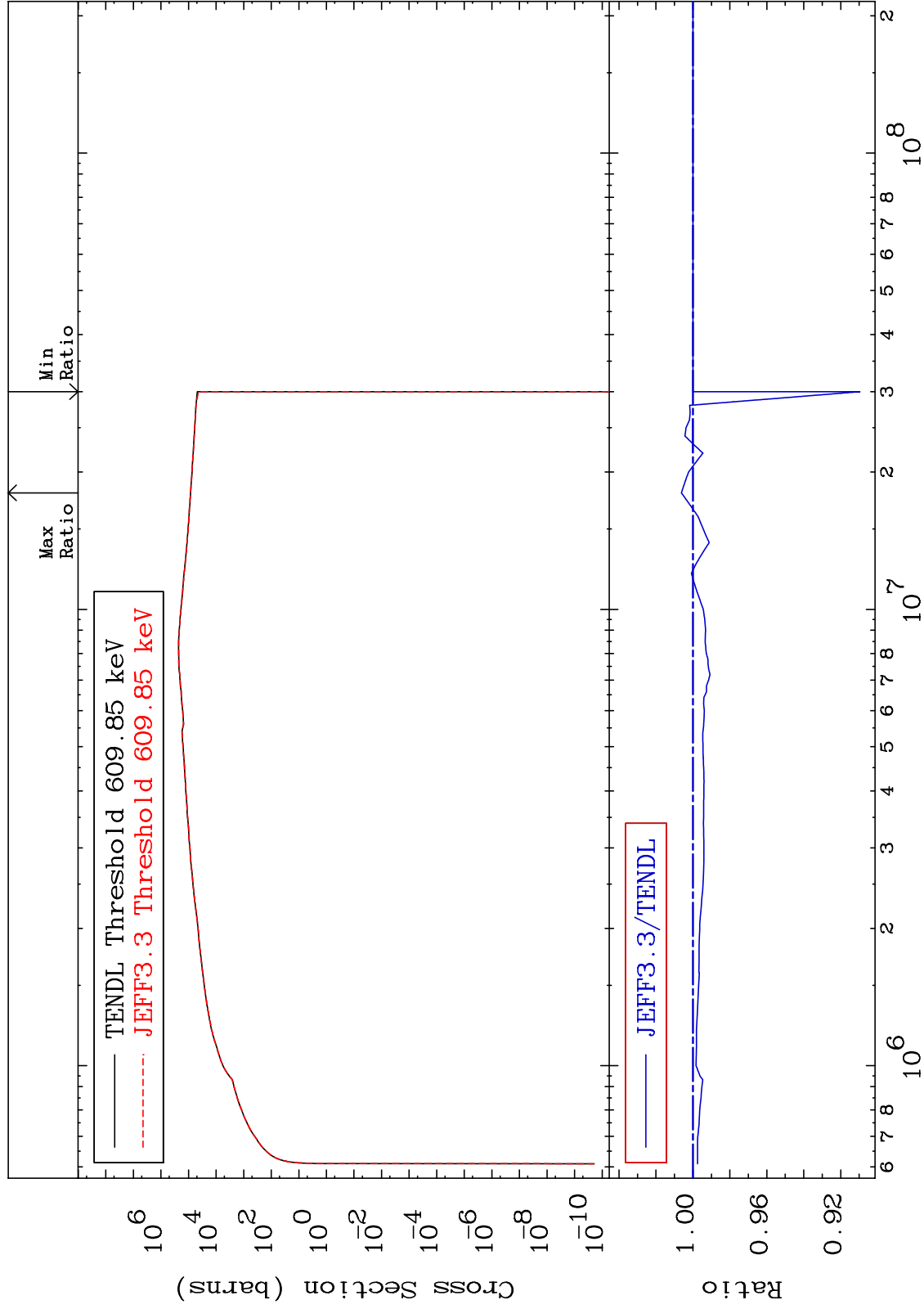
MAT 1122 Kerma non-elastic (all but mt2) 11-Na-22
 Cross Section -14.45 To 38.51 %



MAT 1122

Kerma inelastic (mt51-91)
Cross Section

11-Na-22
-9.034 To 0.620 %



67

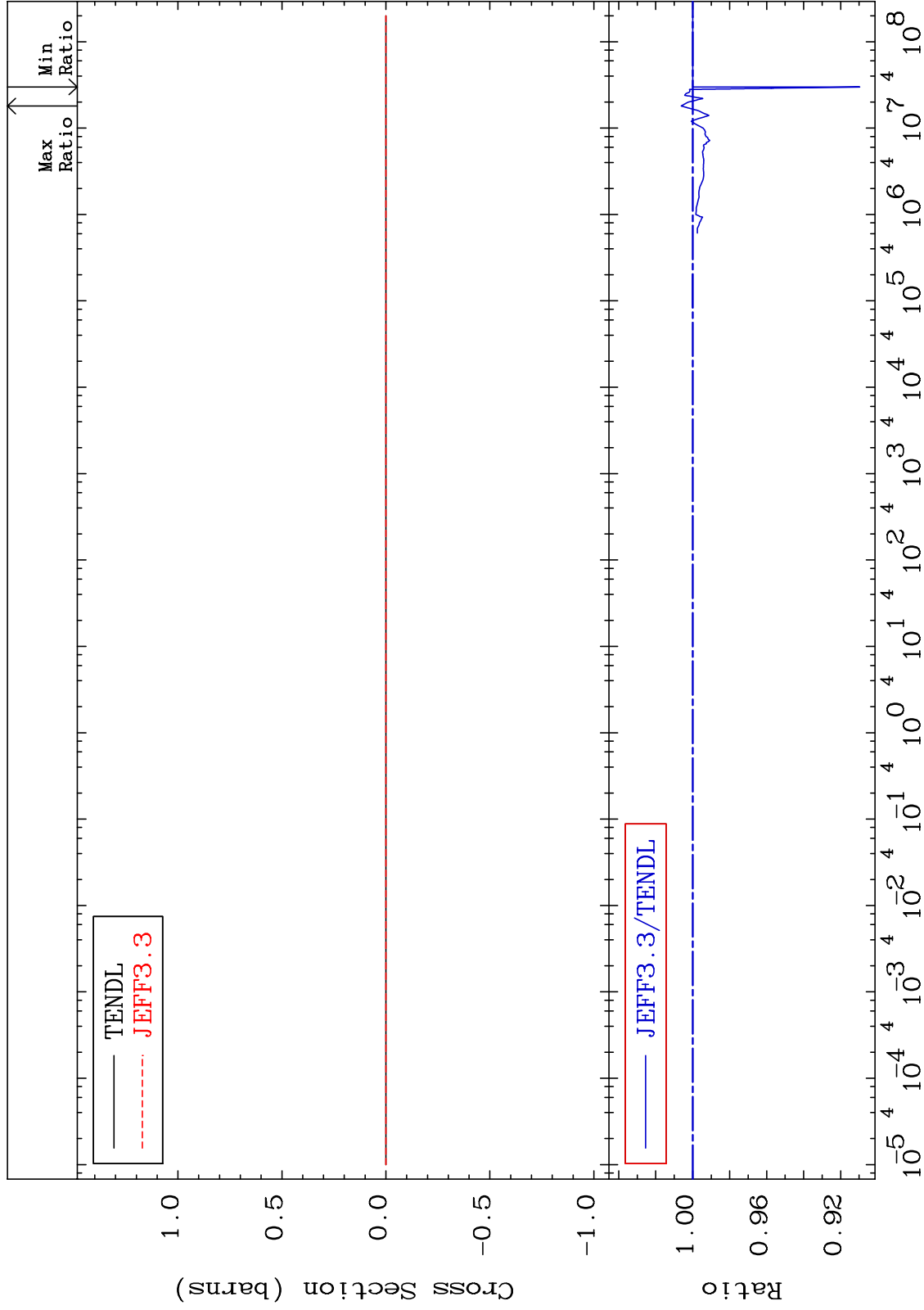
Incident Energy (eV)

11-Na-22

MAT 1122

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

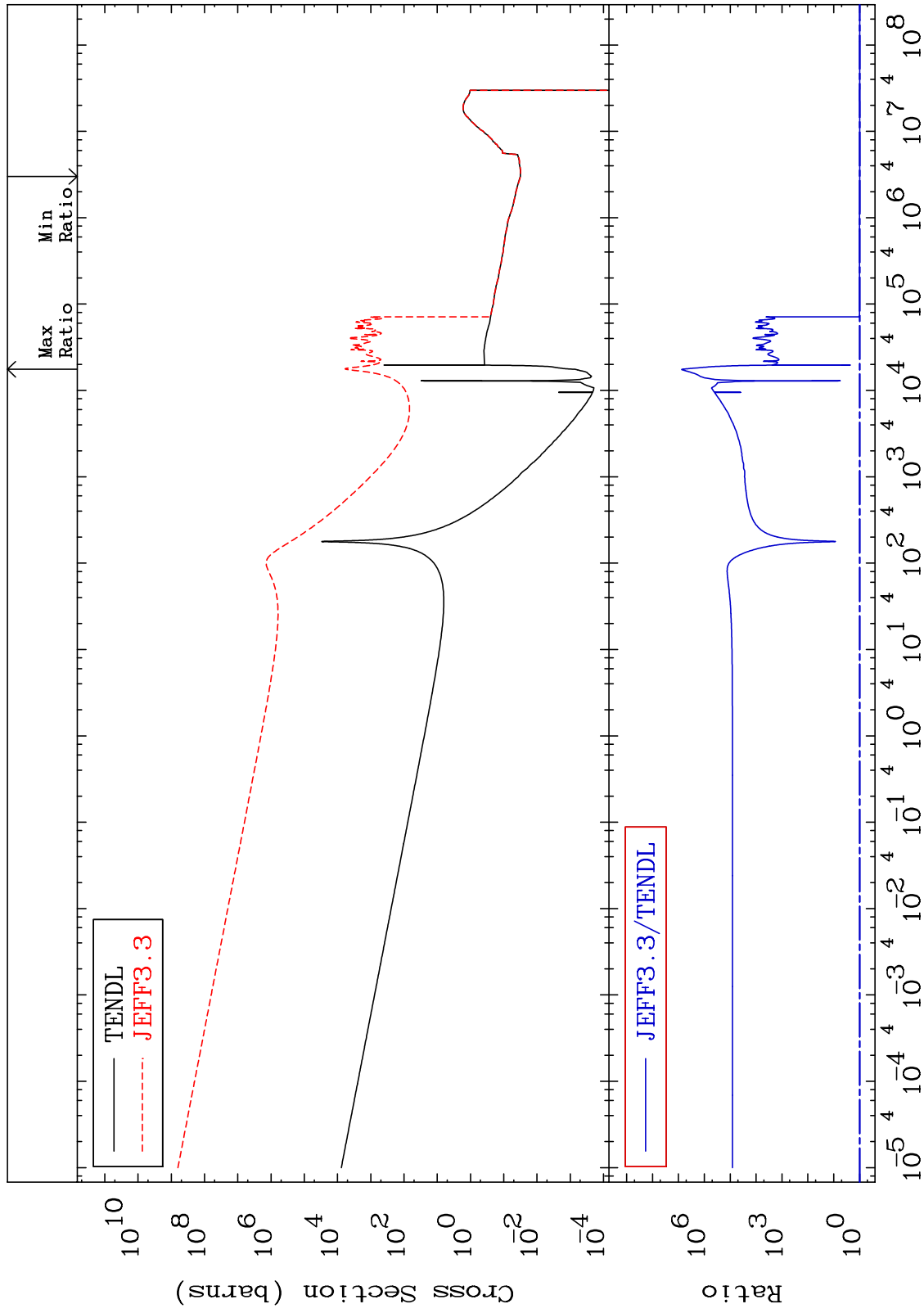
11-Na-22
-9.034 To 0.620 %



MAT 1122

Kerma capture (mt102)
Cross Section

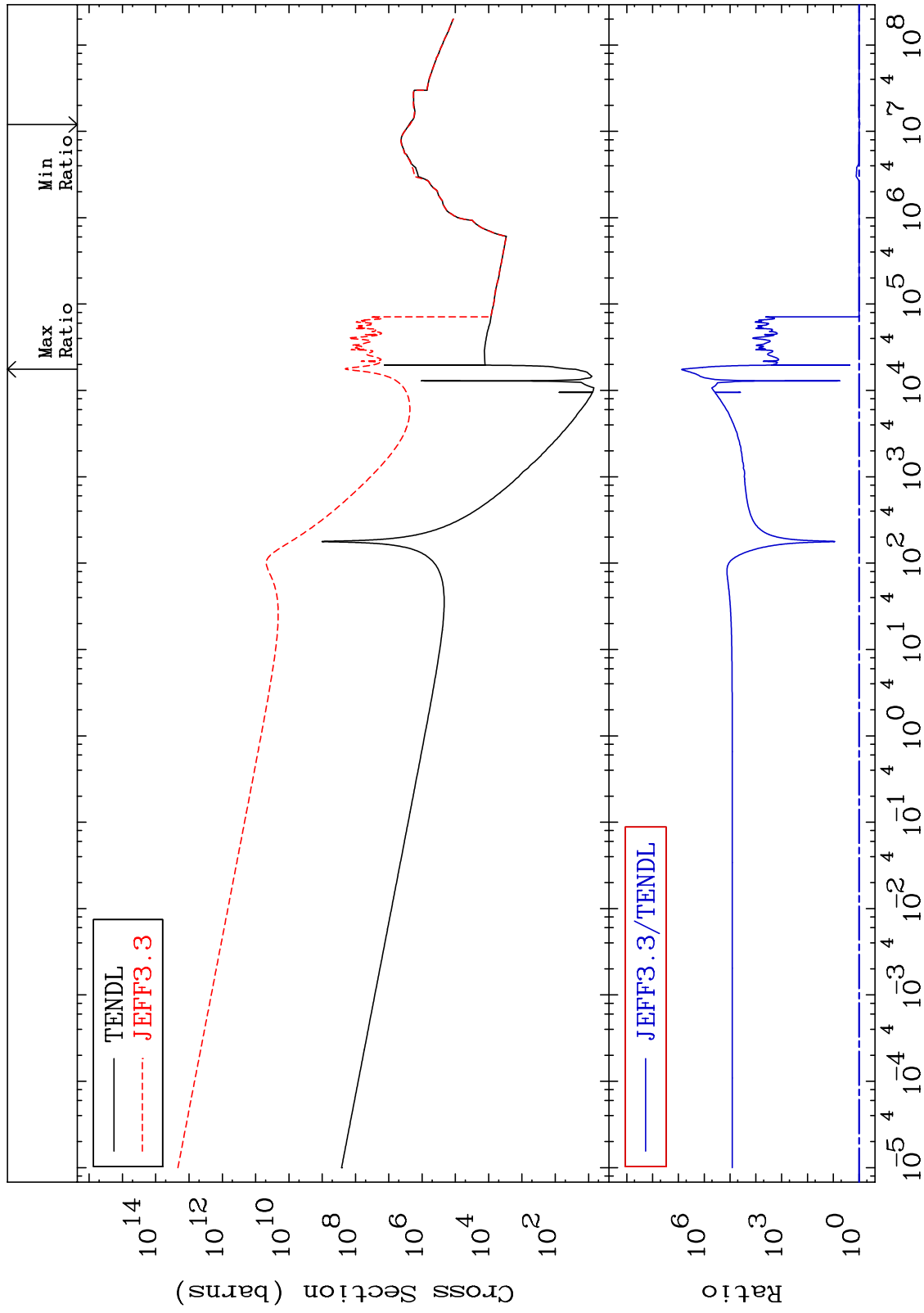
11-Na-22
-1.305 To 9999. %



MAT 1122

Total photon (eV-barns)
Cross Section

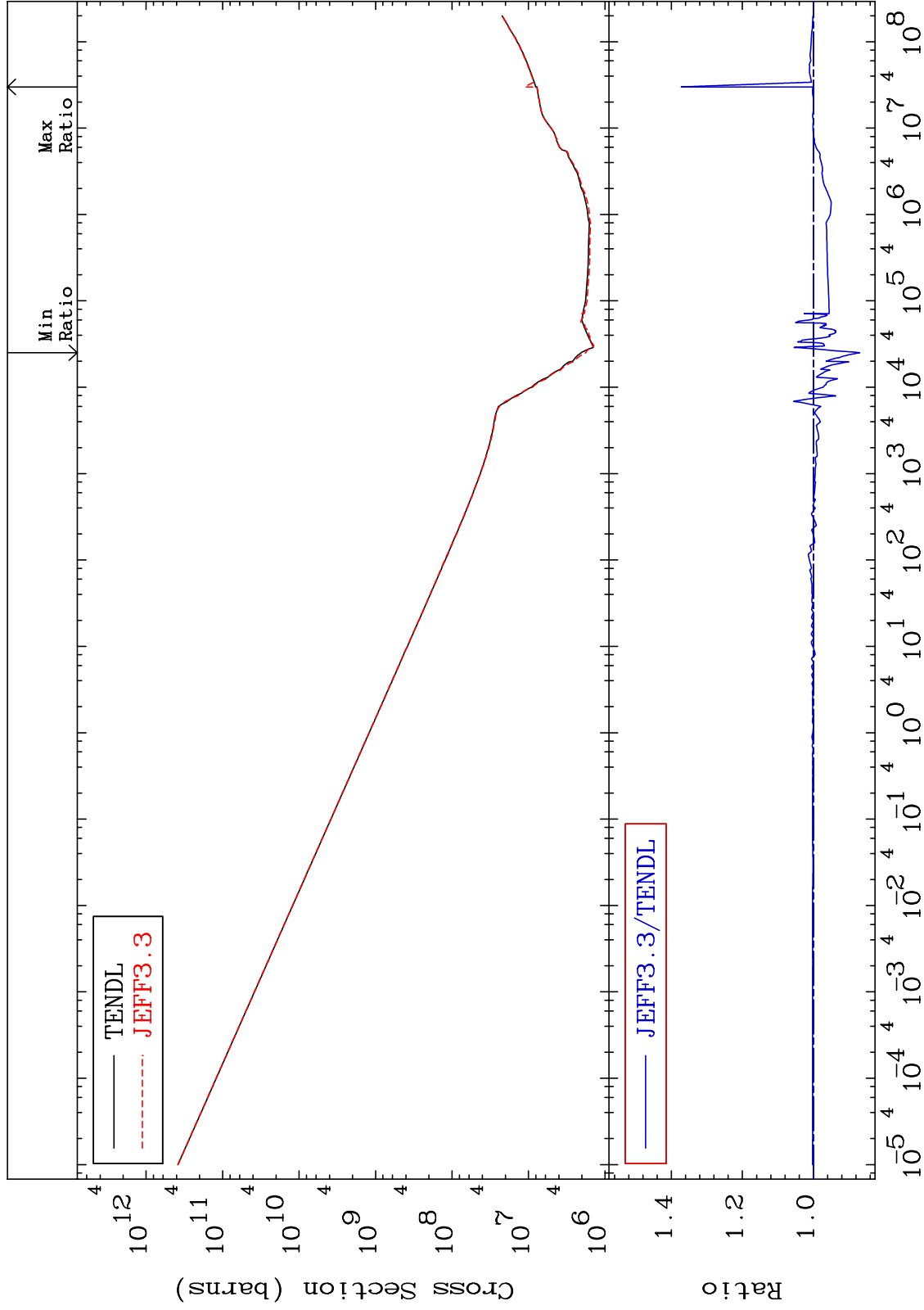
11-Na-22
-5.751 To 9999. %



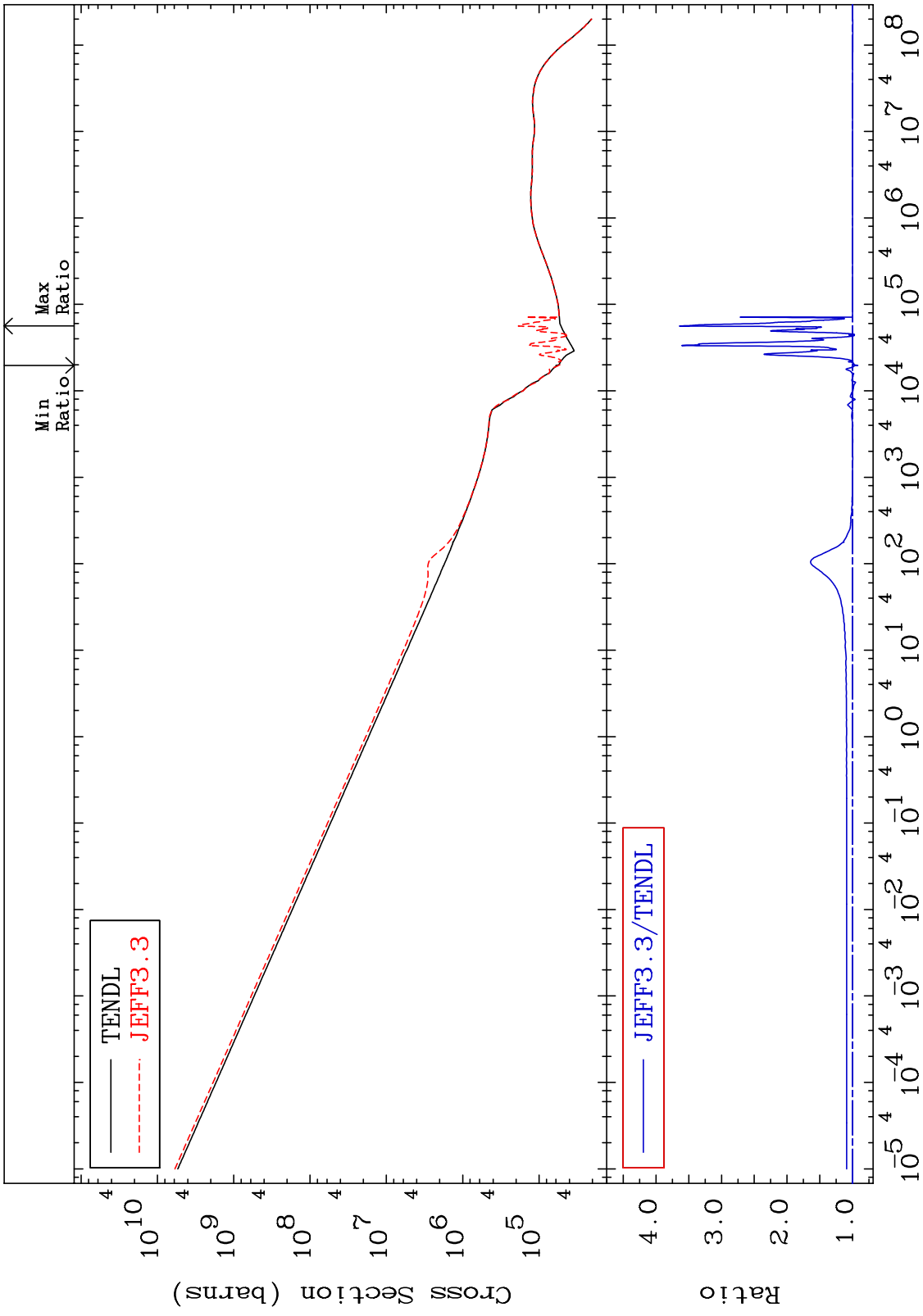
MAT 1122

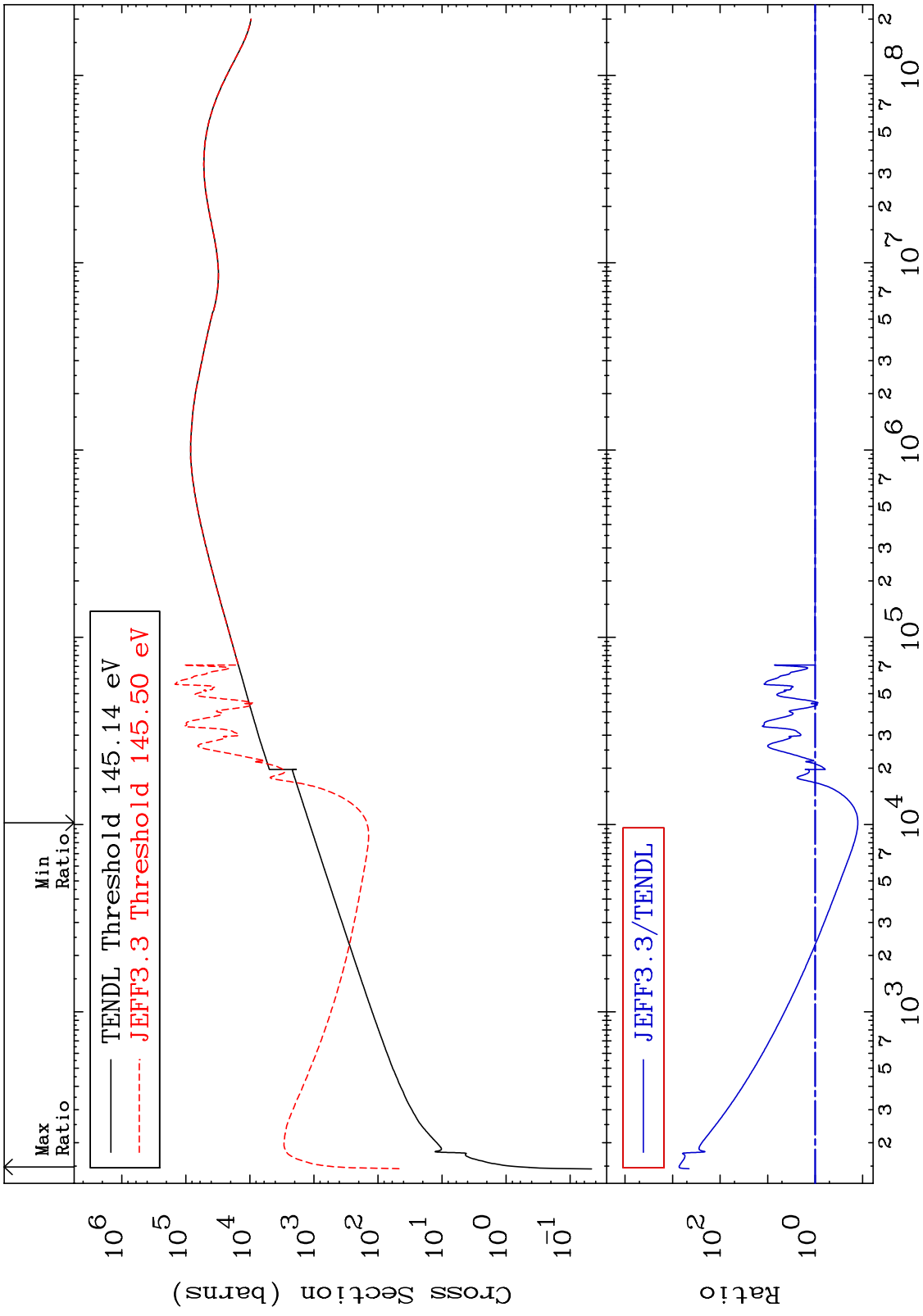
Total kinematic kerma (high limit)
Cross Section

11-Na-22
-13.07 To 37.23 %



MAT 1122 Dpa total (eV-barns) 11-Na-22
Cross Section -8.005 To 264.8 %

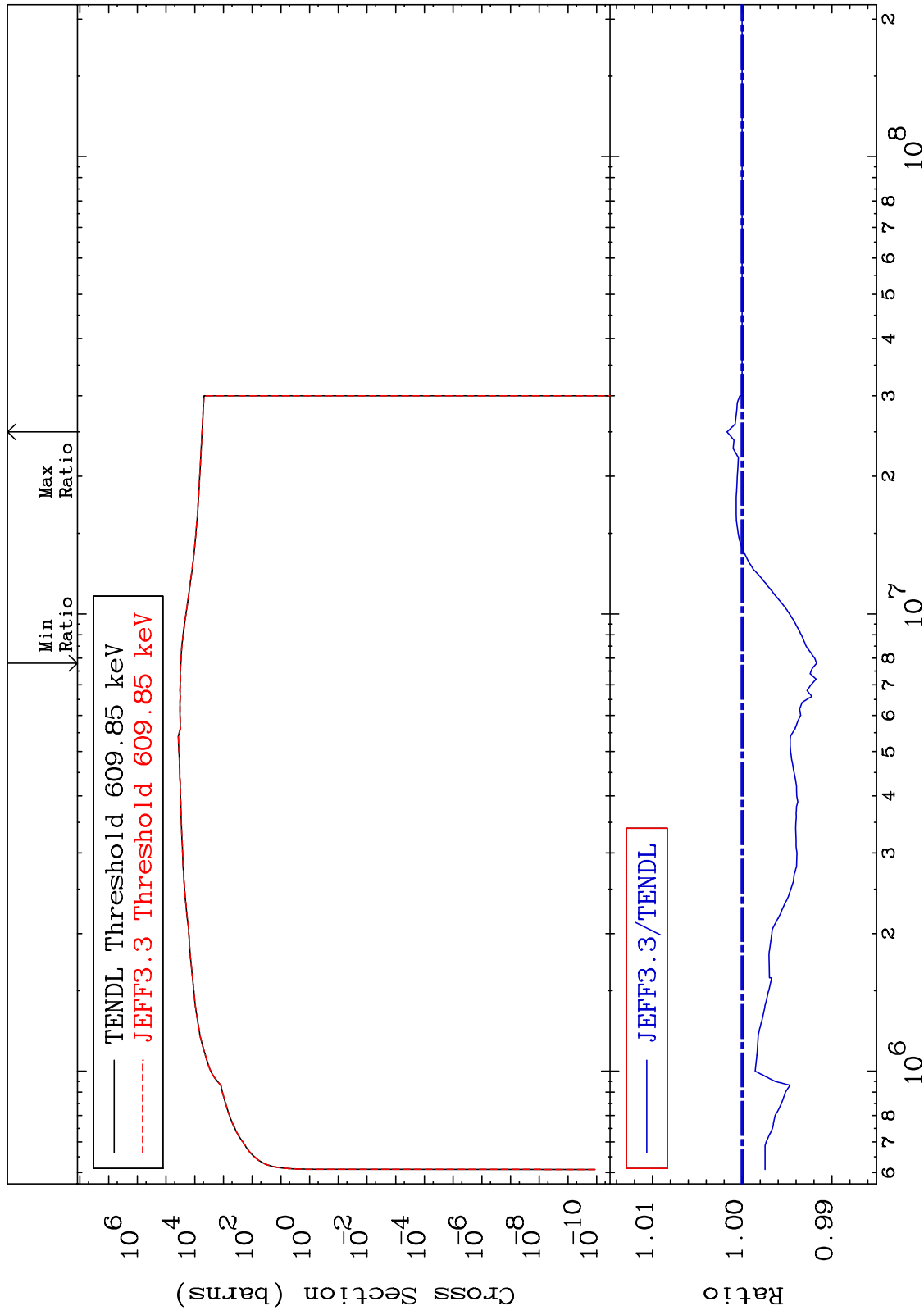




MAT 1122

Dpa inelastic (mt51-91)
Cross Section

11-Na-22
-0.830 To 0.168 %



74

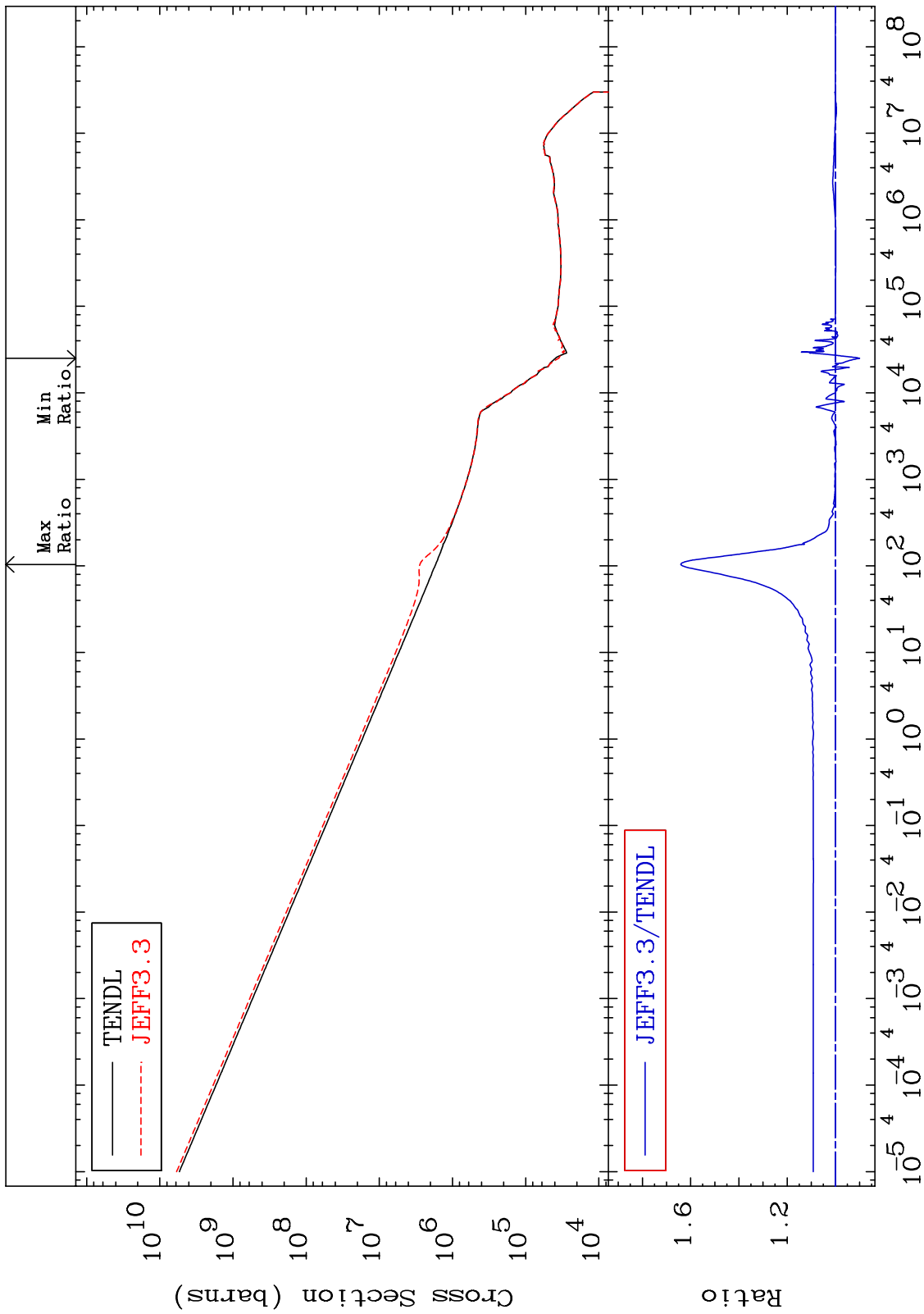
Incident Energy (eV)

11-Na-22

MAT 1122

Dpa disappearance (mt102 -120)
Cross Section

11-Na-22
-10.05 To 64.07 %



75

Incident Energy (eV)

11-Na-22