

Program Complot
(Version 2018-1)

by

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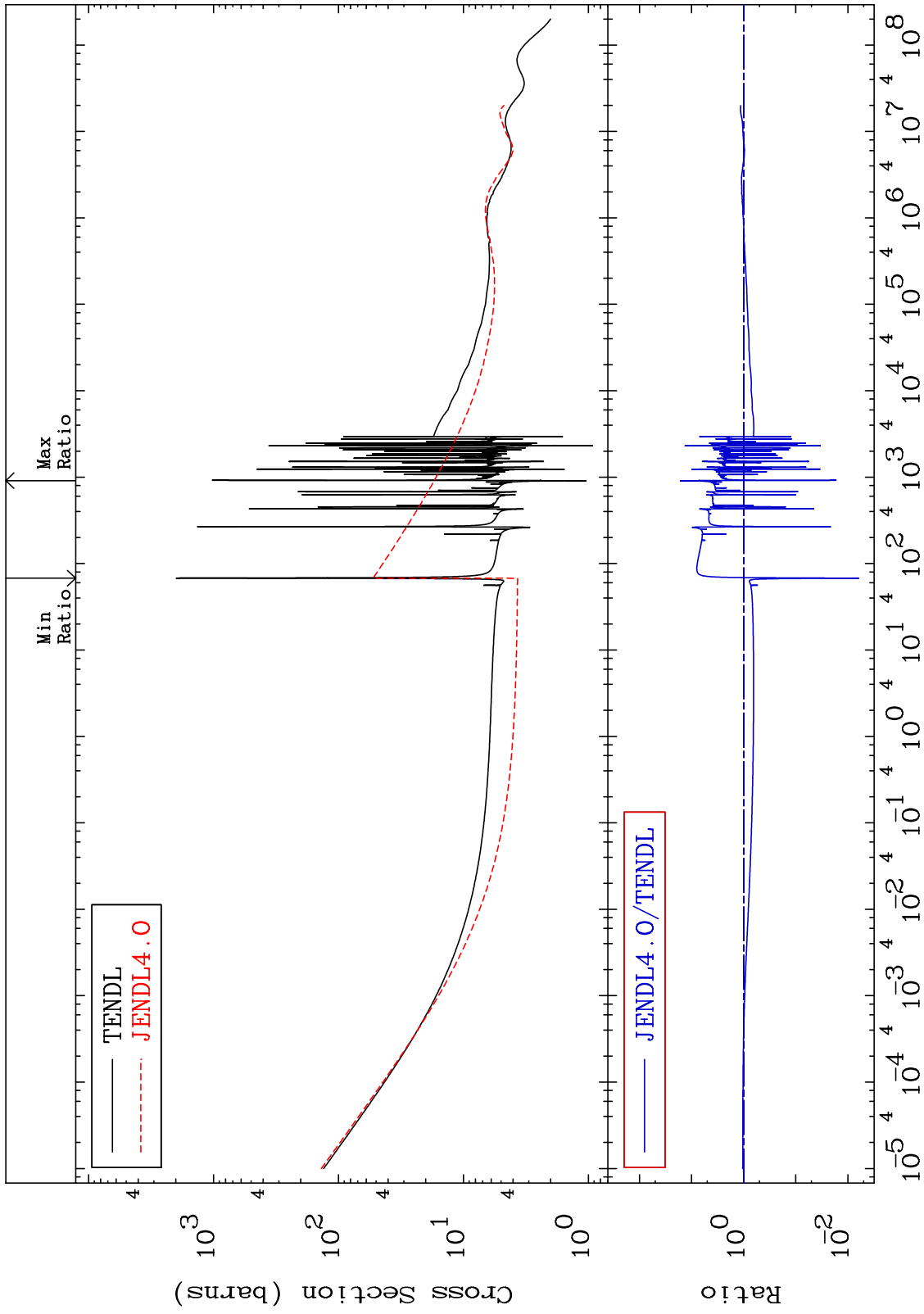
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5225

Total
Cross Section

52-Te-120
-99.38 To 1551. %

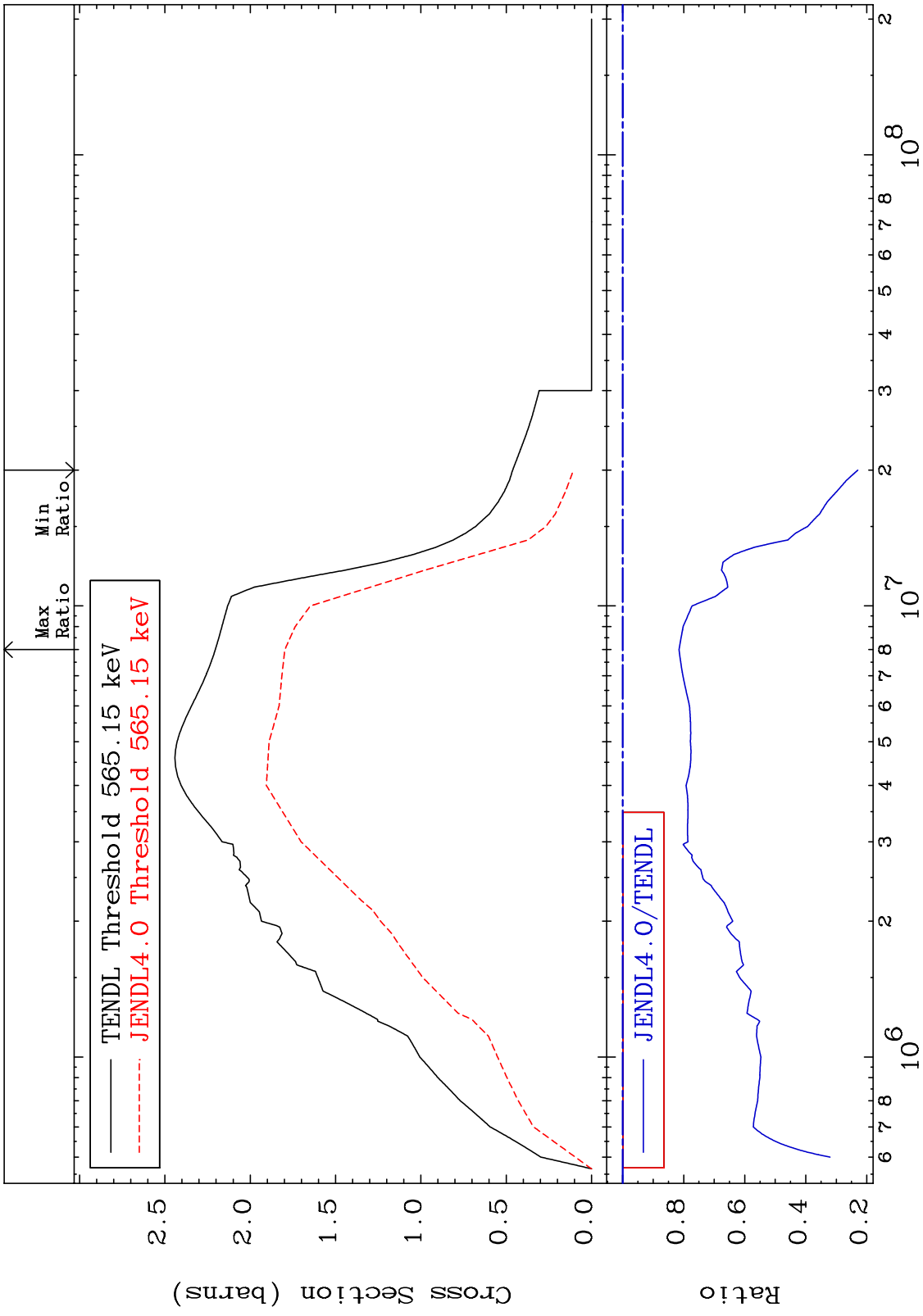


Incident Energy (eV)

52-Te-120

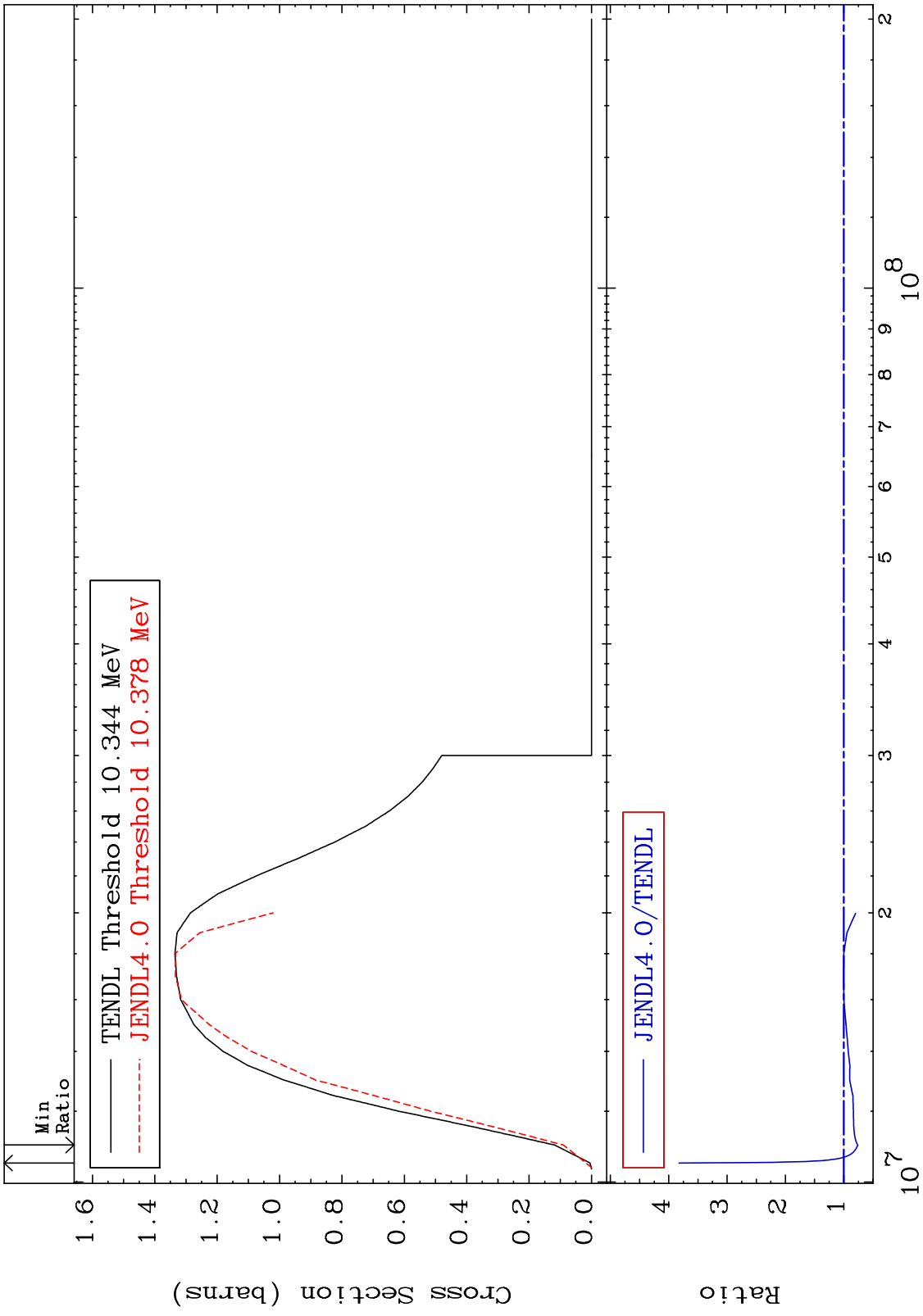
1

MAT 5225 Inelastic Cross Section 52-Te-120 -77.07 To -18.48%



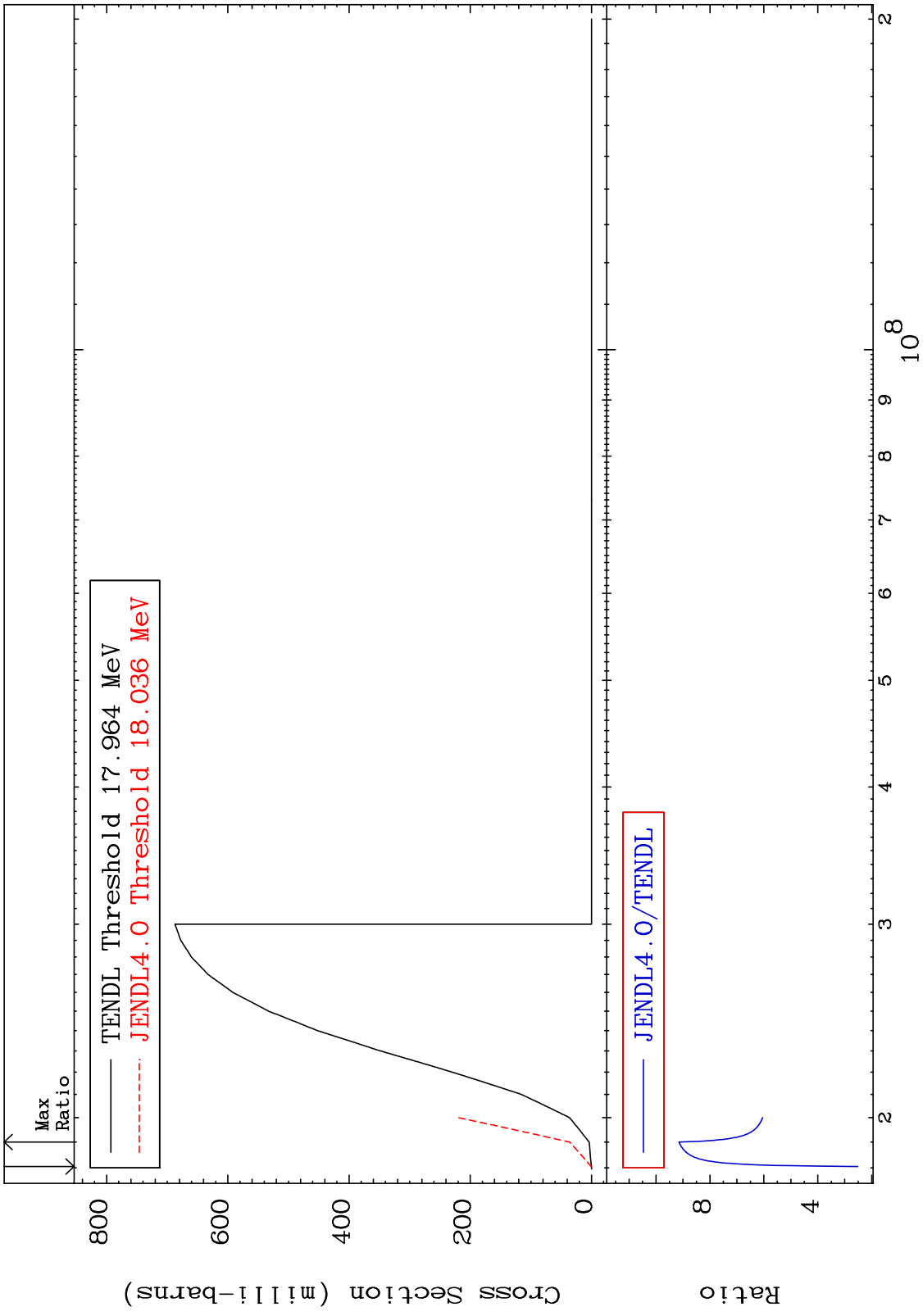
3 Incident Energy (eV) 52-Te-120

MAT 5225 (n,2n) Cross Section 52-Te-120 -24.13 To 282.4 %

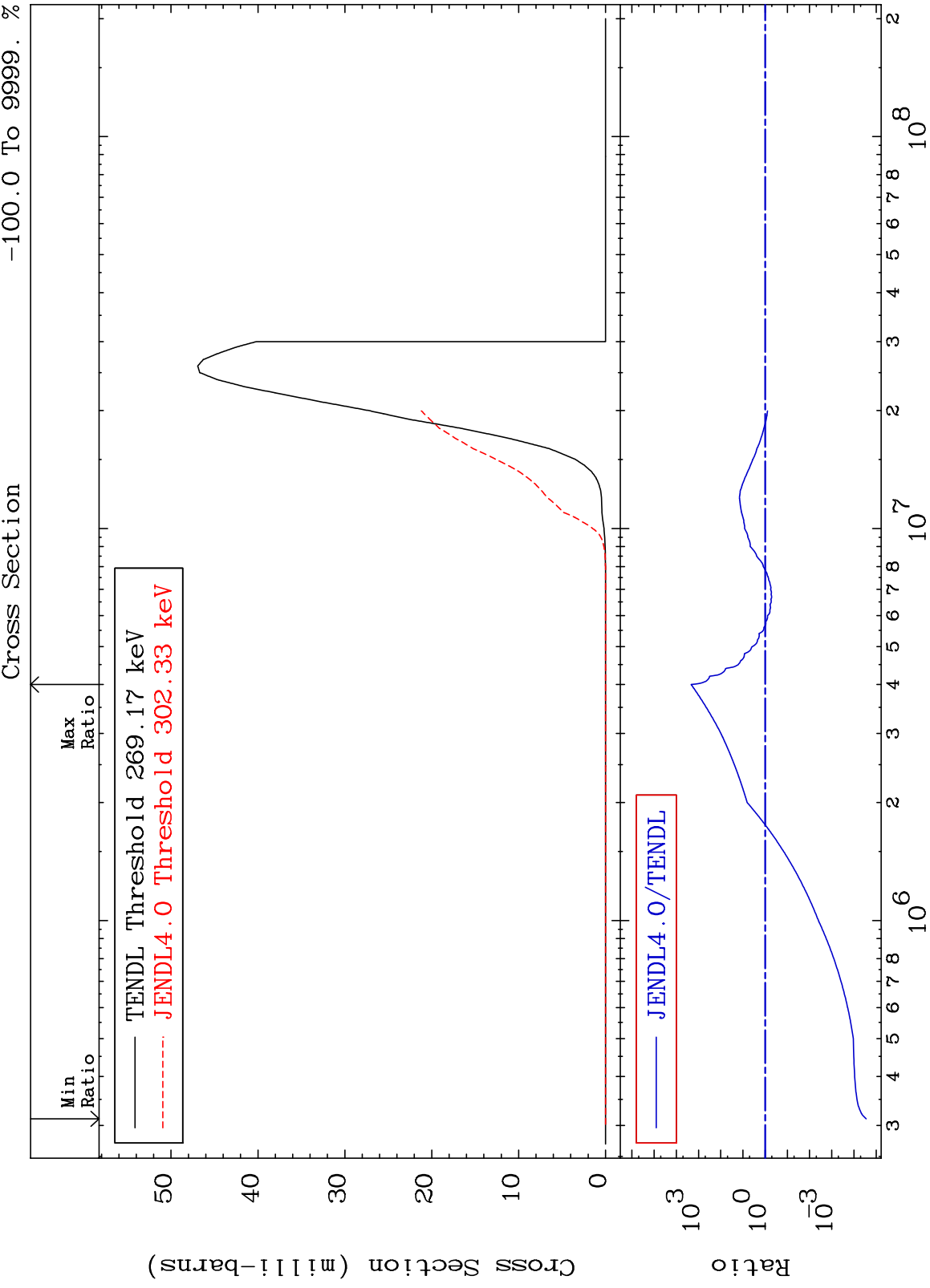


Incident Energy (eV) 52-Te-120

MAT 5225 (n,3n) Cross Section 52-Te-120 To 814.6 % 151.4

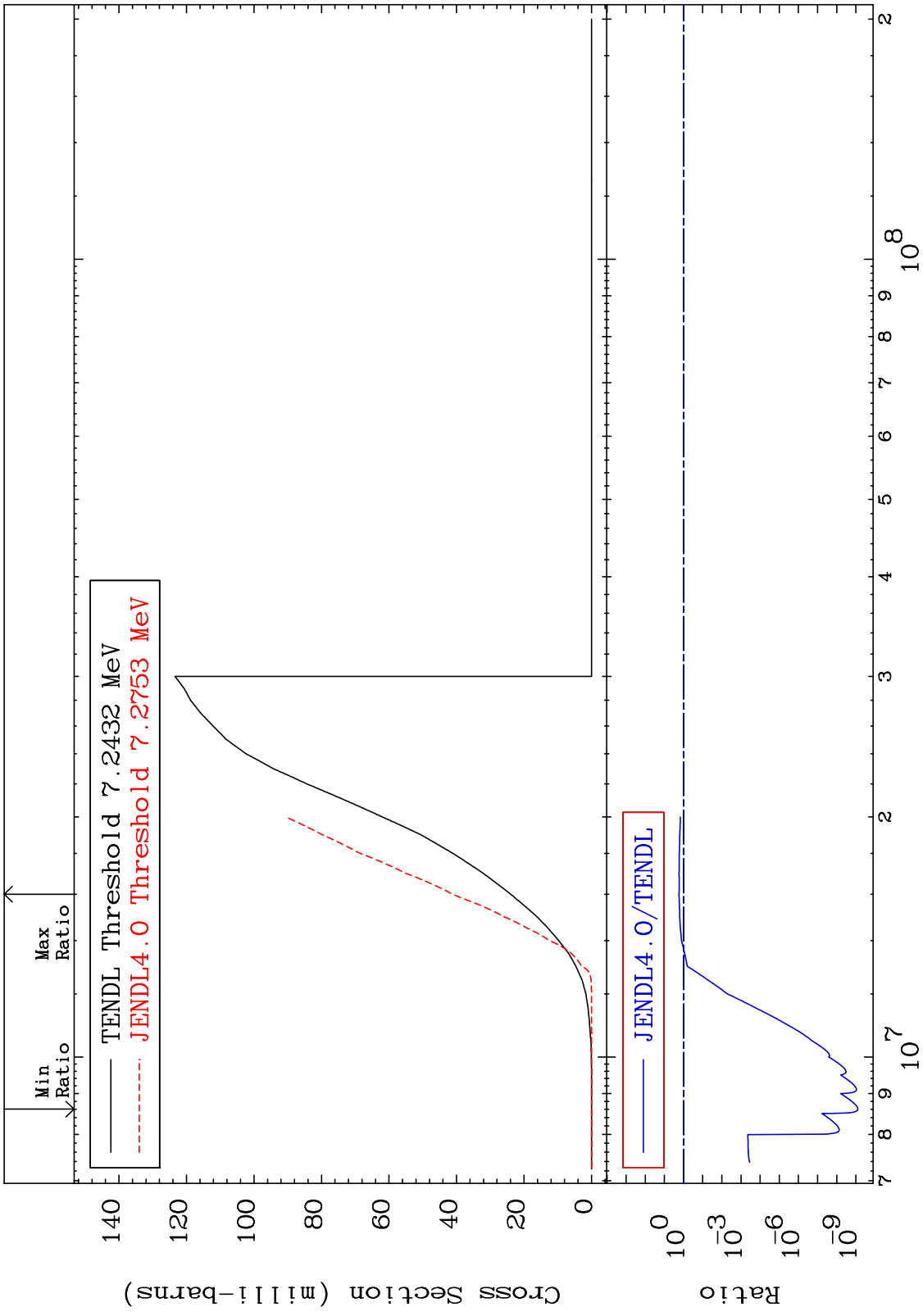


MAT 5225 $(n, n') \alpha$ 52-Te-120 -100.0 To 9999. %



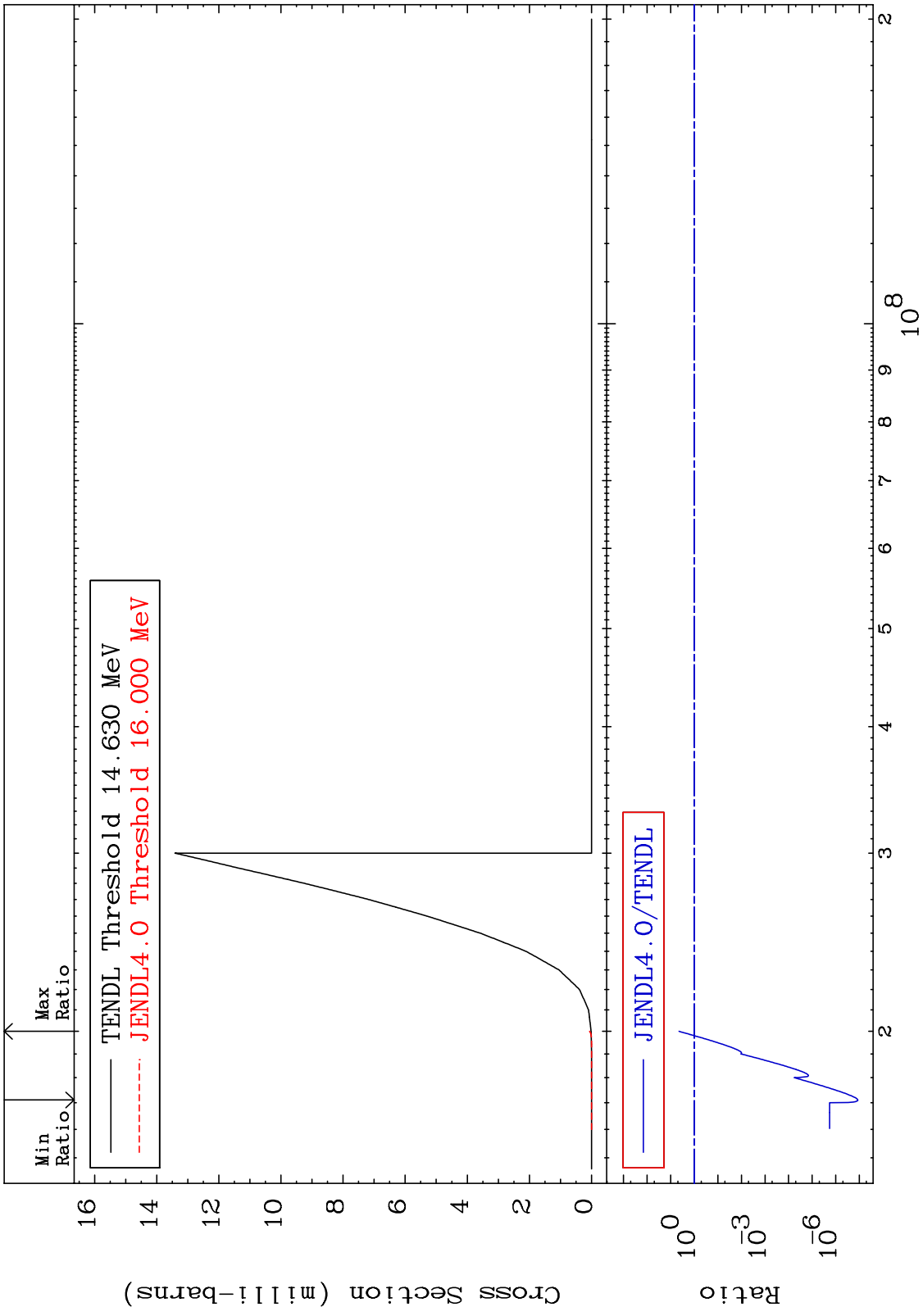
6 Incident Energy (eV) 52-Te-120

MAT 5225 (n, n') p 52-Te-120
 Cross Section -100.0 To 71.73 %

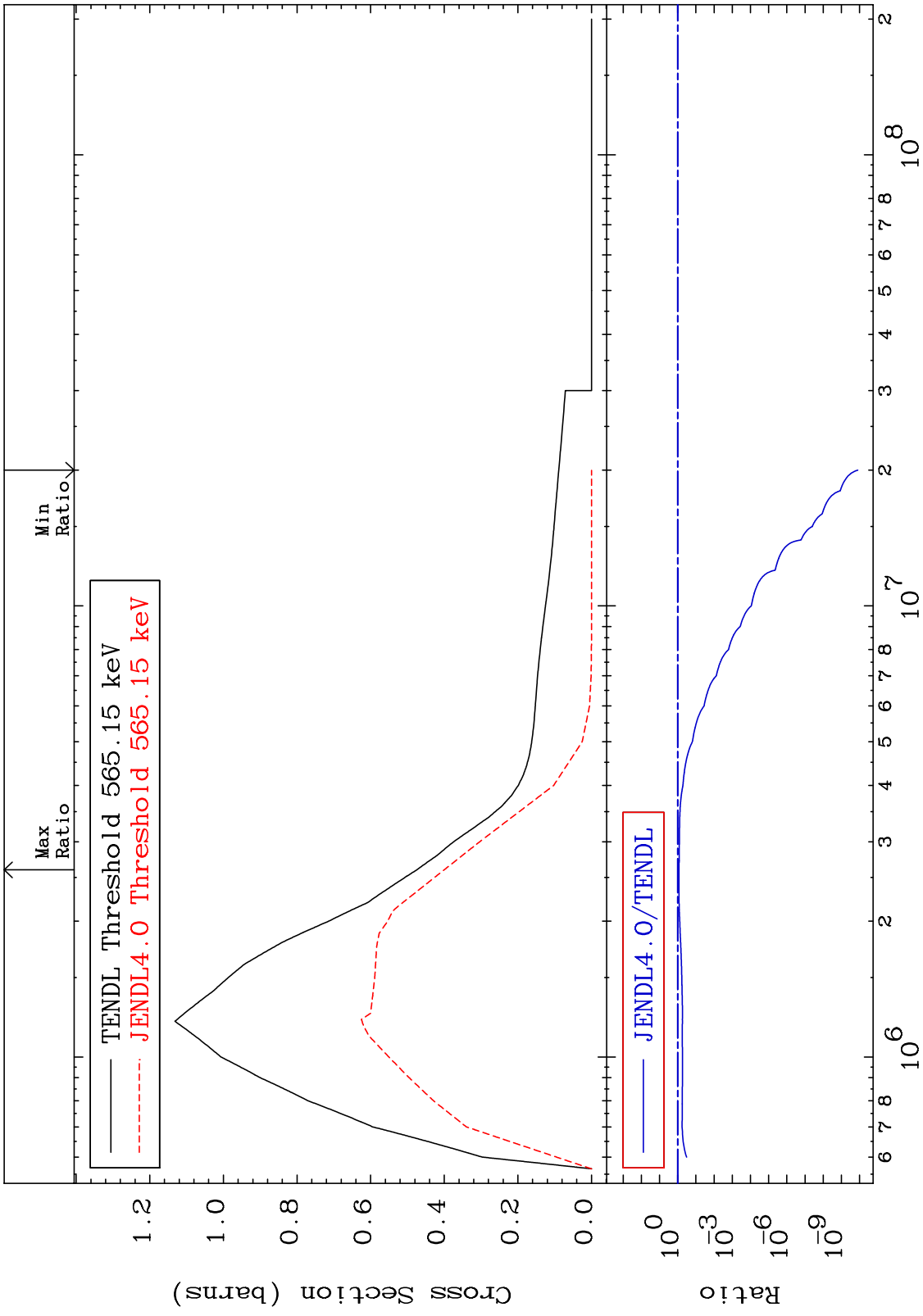


7 Incident Energy (eV) 52-Te-120

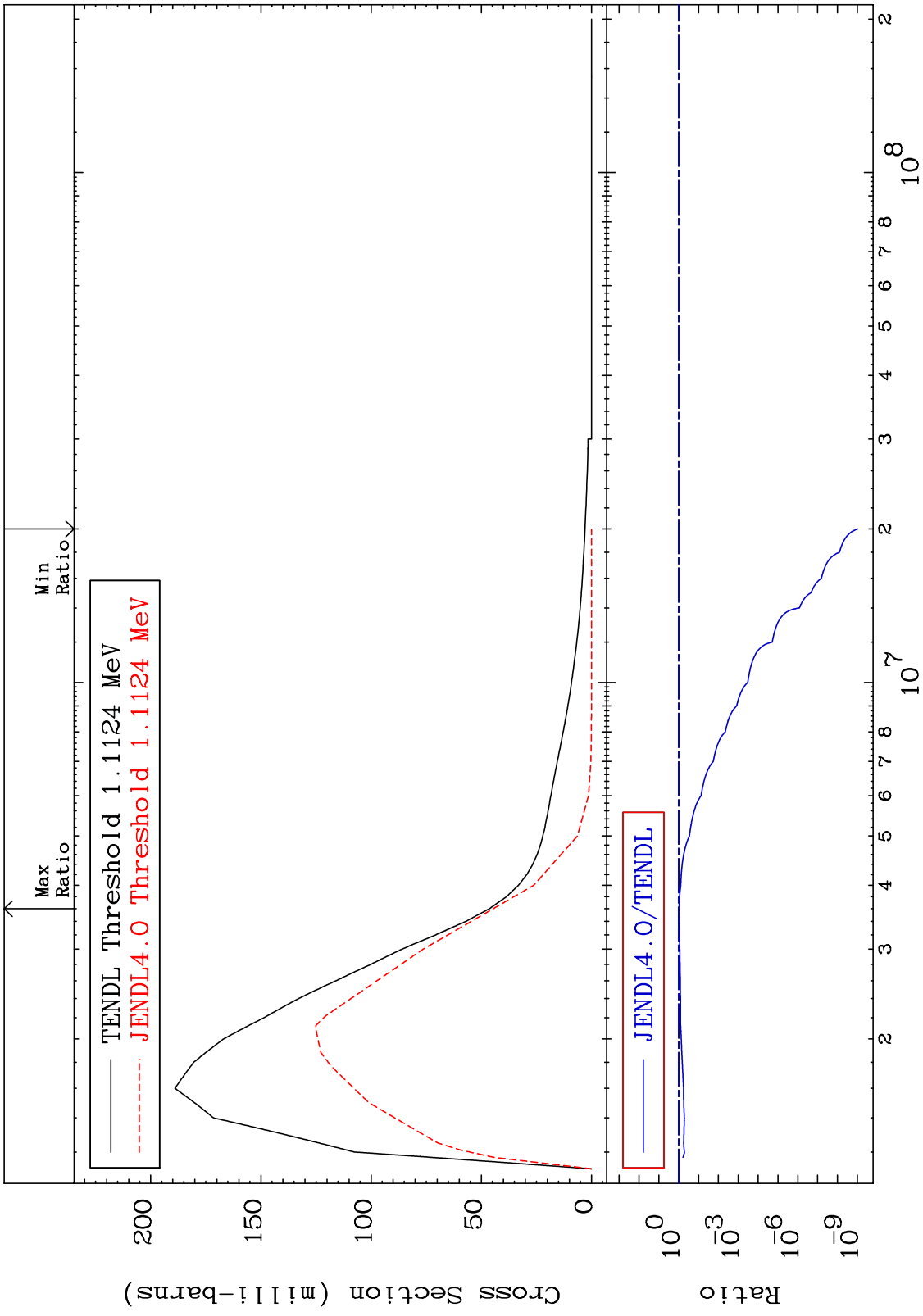
MAT 5225 (n,n') d 52-Te-120
 Cross Section -100.0 To 342.0 %



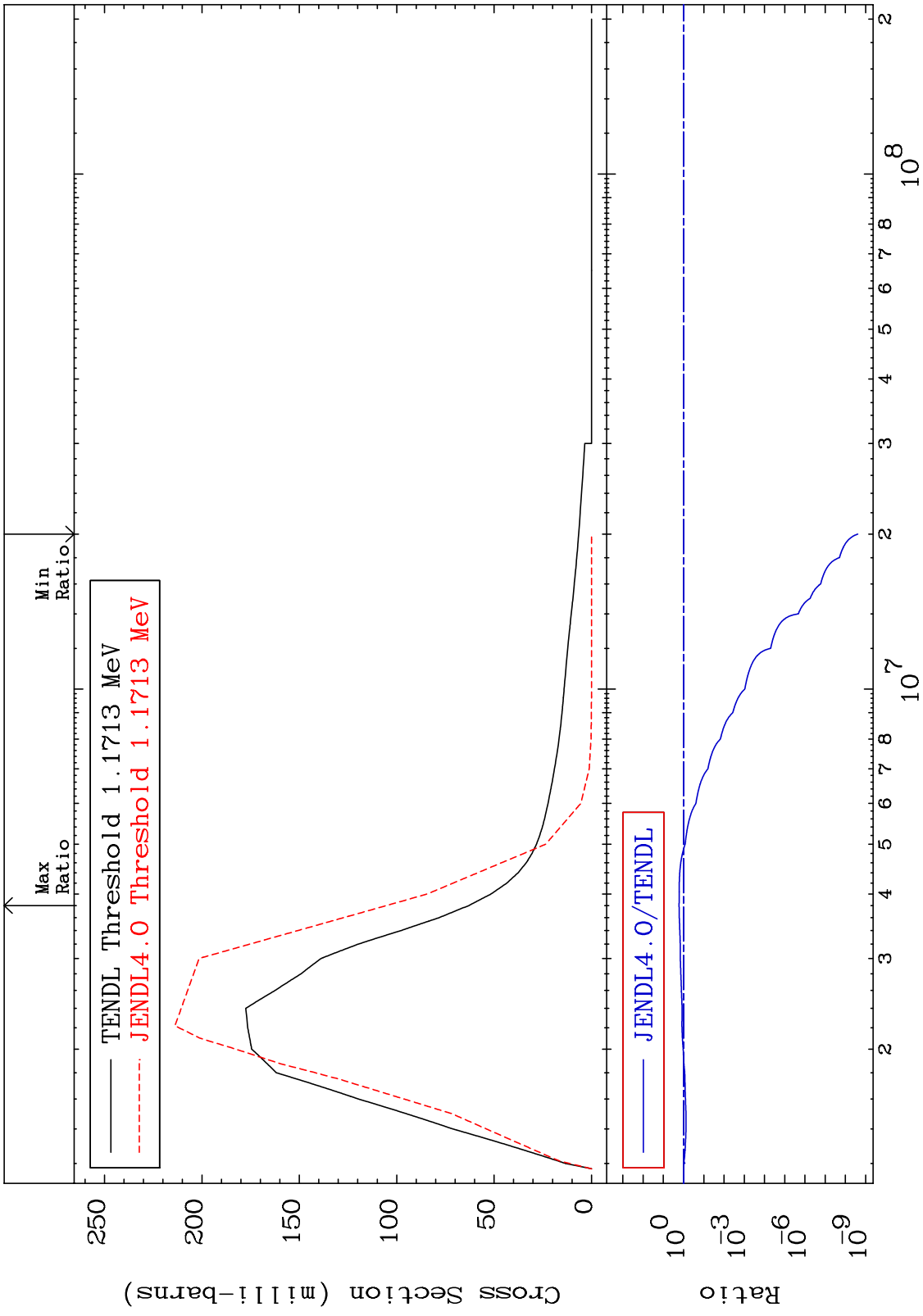
MAT 5225 MT= 51 (n,n') Level Cross Section 52-Te-120 -100.0 To -15.63%



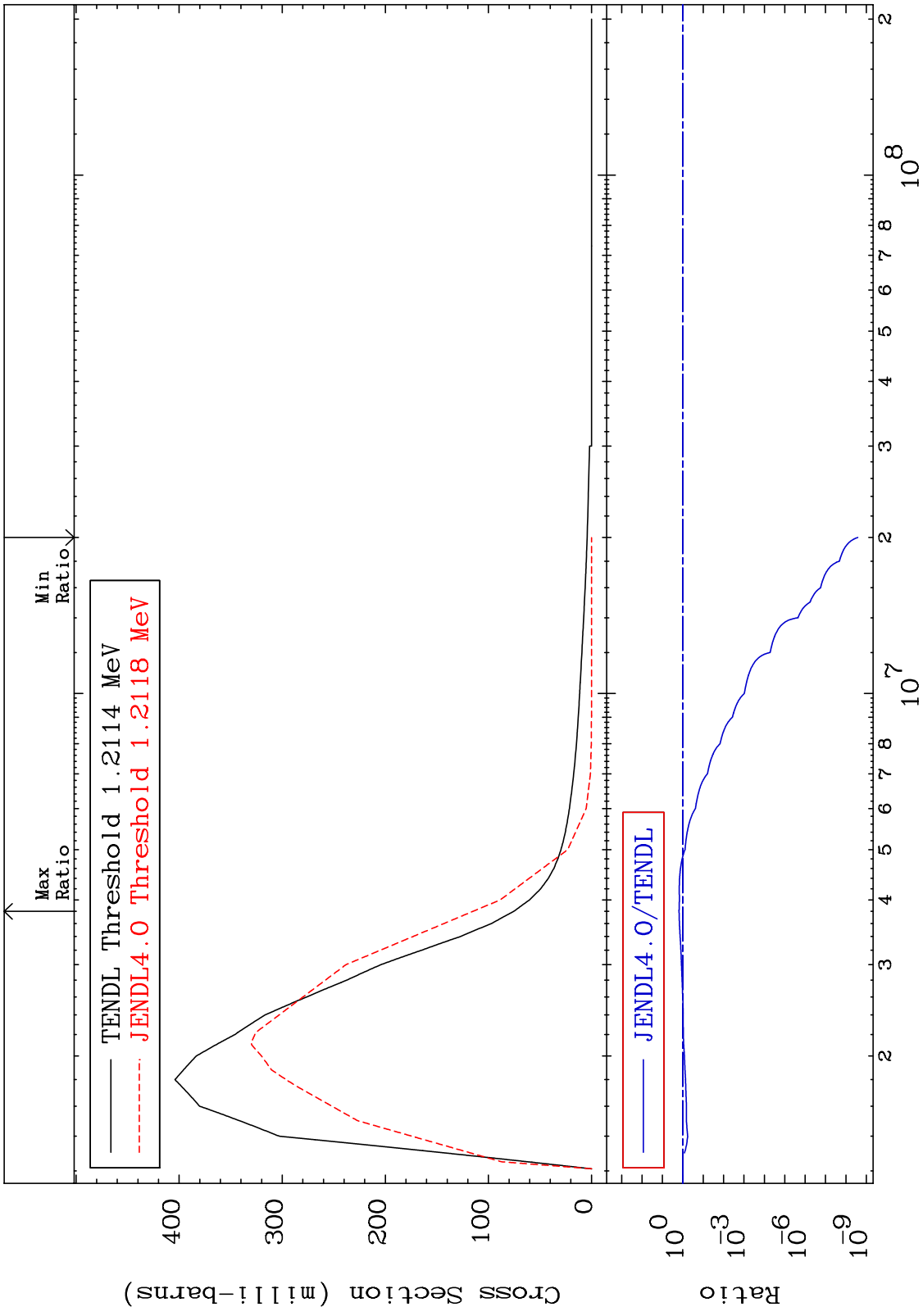
MAT 5225 MT= 52 (n,n') Level Cross Section 52-Te-120 -100.0 To -3.661%



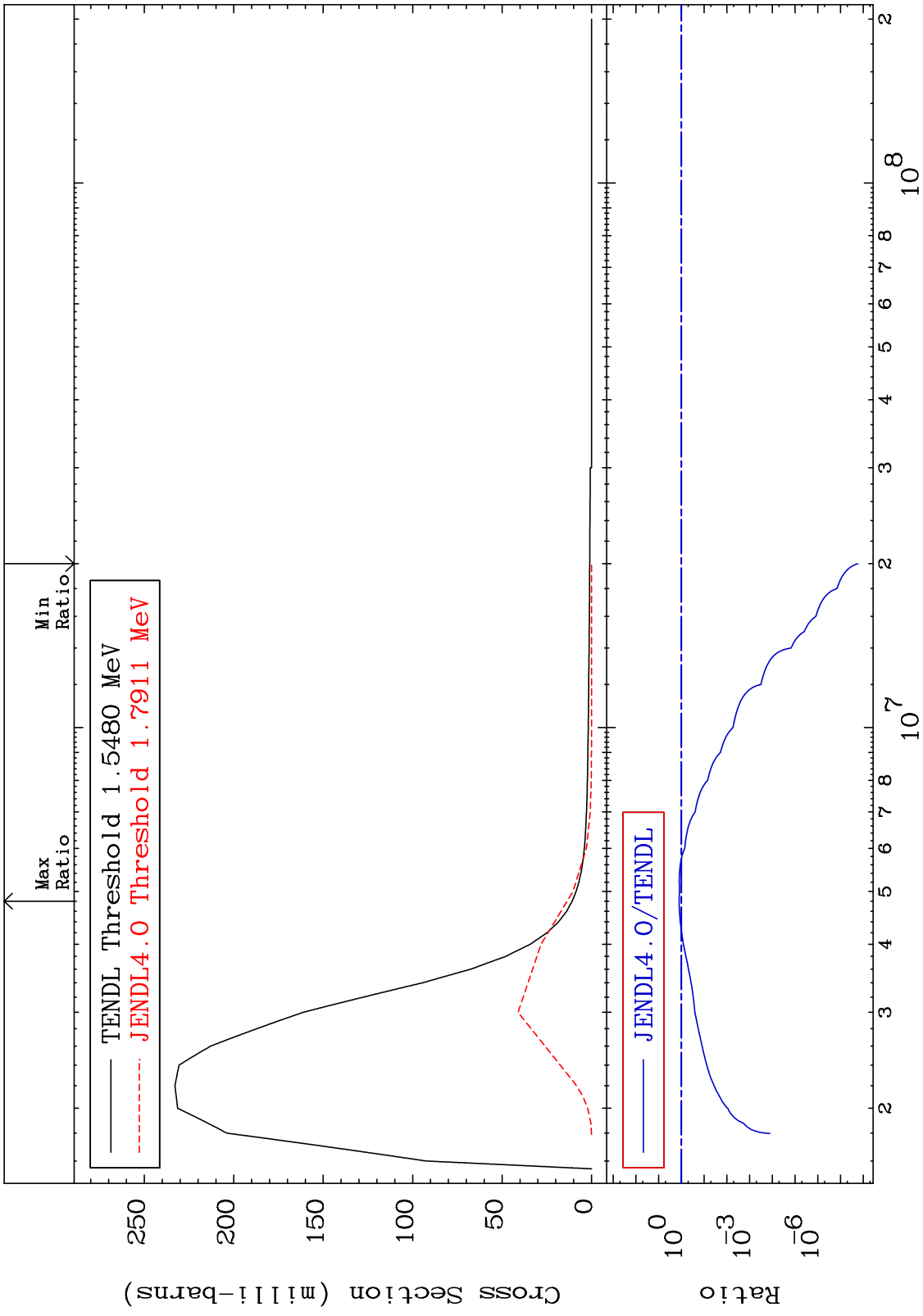
MAT 5225 MT= 53 (n,n') Level Cross Section 52-Te-120
 -100.0 To 67.26 %



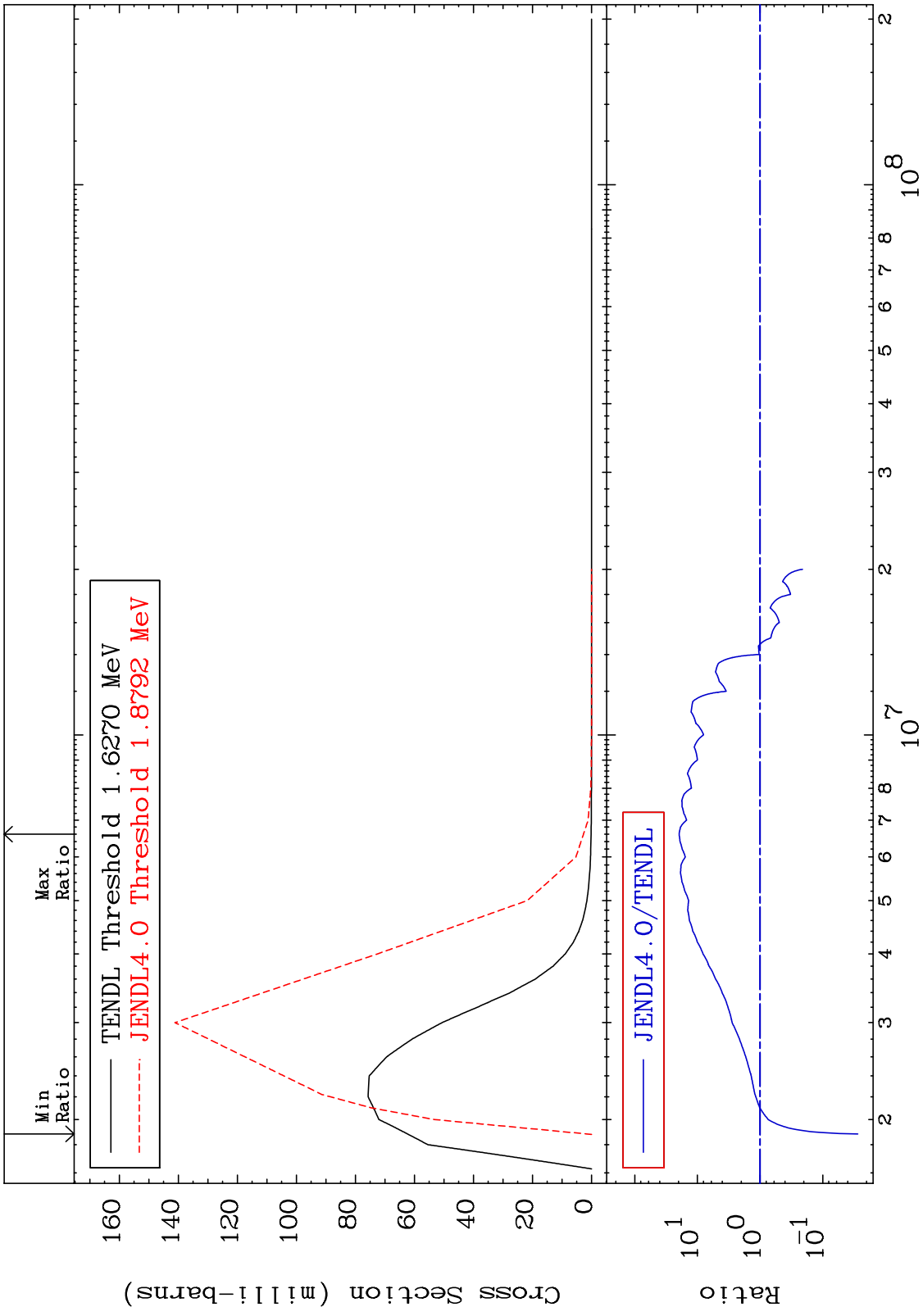
MAT 5225 MT= 54 (n,n') Level Cross Section 52-Te-120 -100.0 To 52.74 %



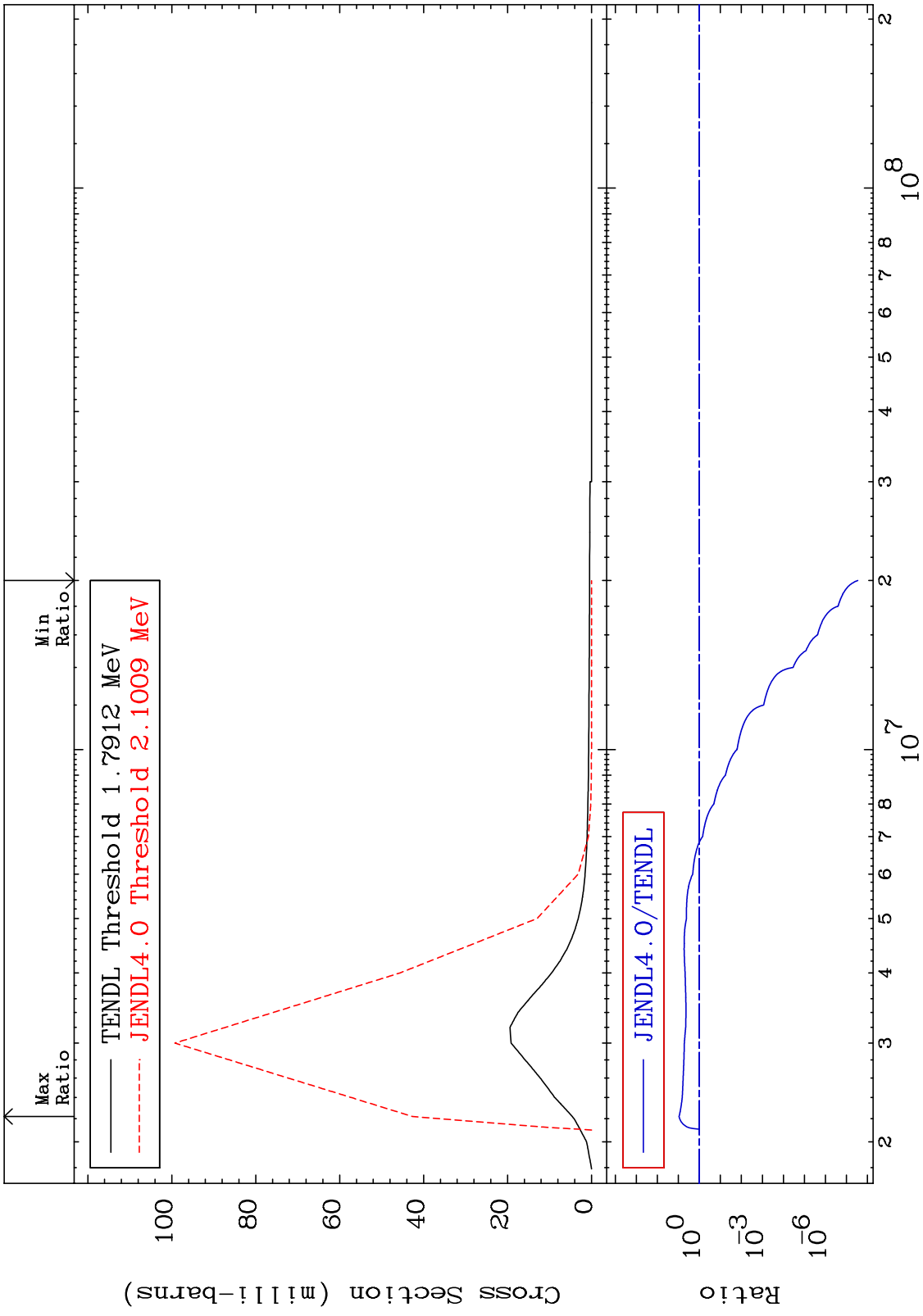
MAT 5225 MT= 55 (n,n') Level Cross Section 52-Te-120 -100.0 To 26.28 %



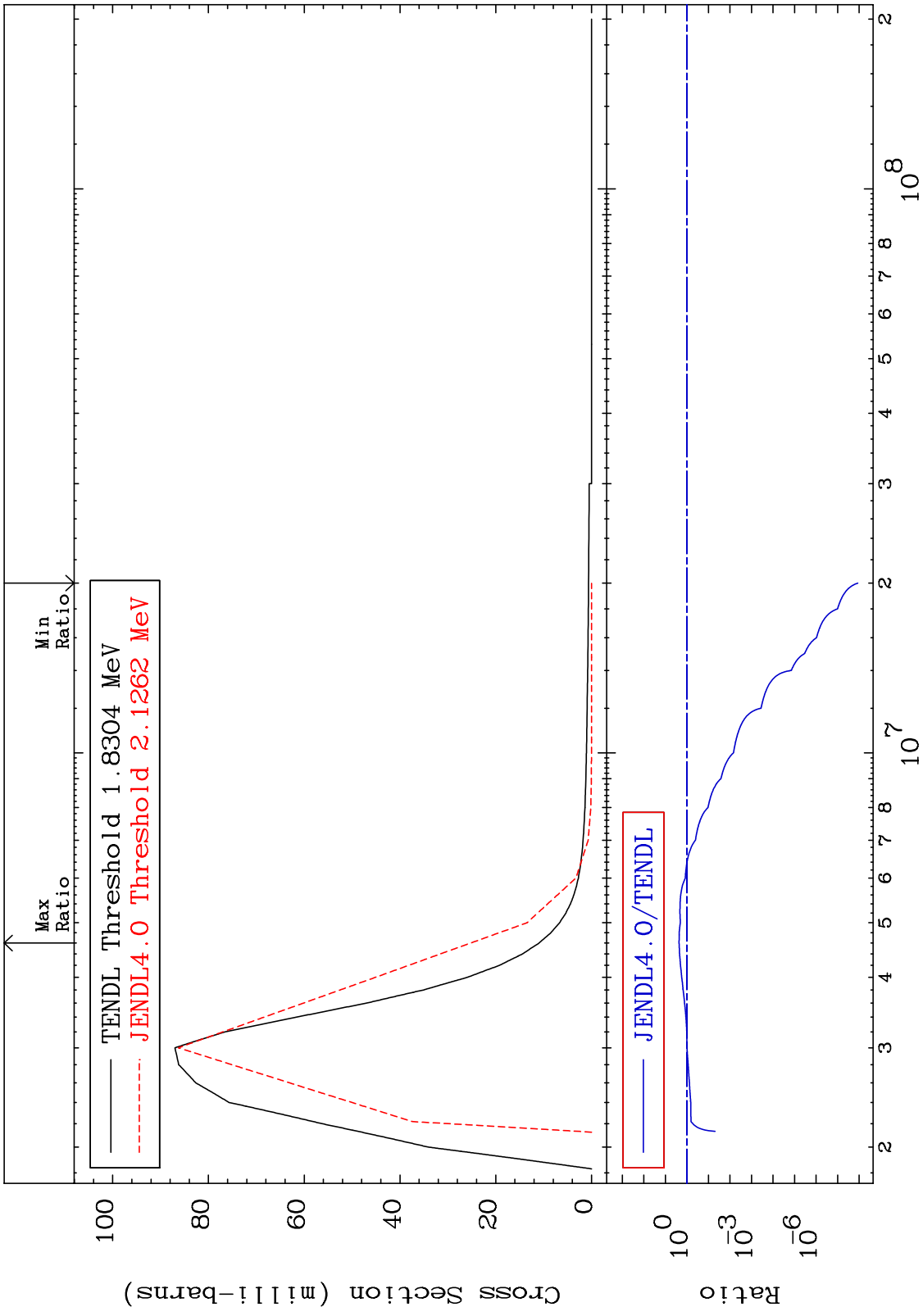
MAT 5225 MT= 56 (n,n') Level Cross Section 52-Te-120 -97.25 To 1862. %



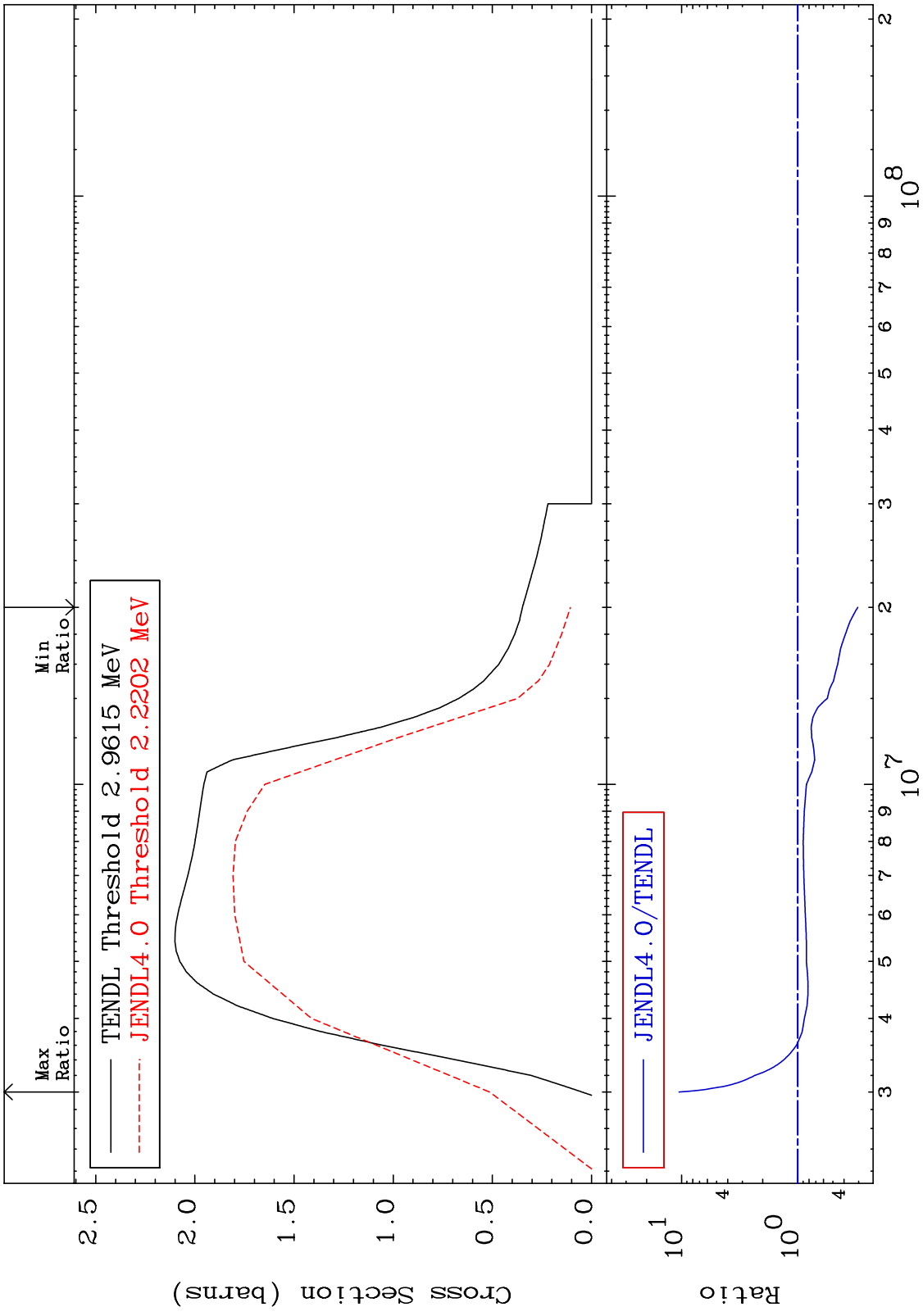
MAT 5225 MT= 57 (n,n') Level Cross Section 52-Te-120 -100.0 To 826.1 %



MAT 5225 MT= 58 (n,n') Level Cross Section 52-Te-120
 -100.0 To 130.6 %



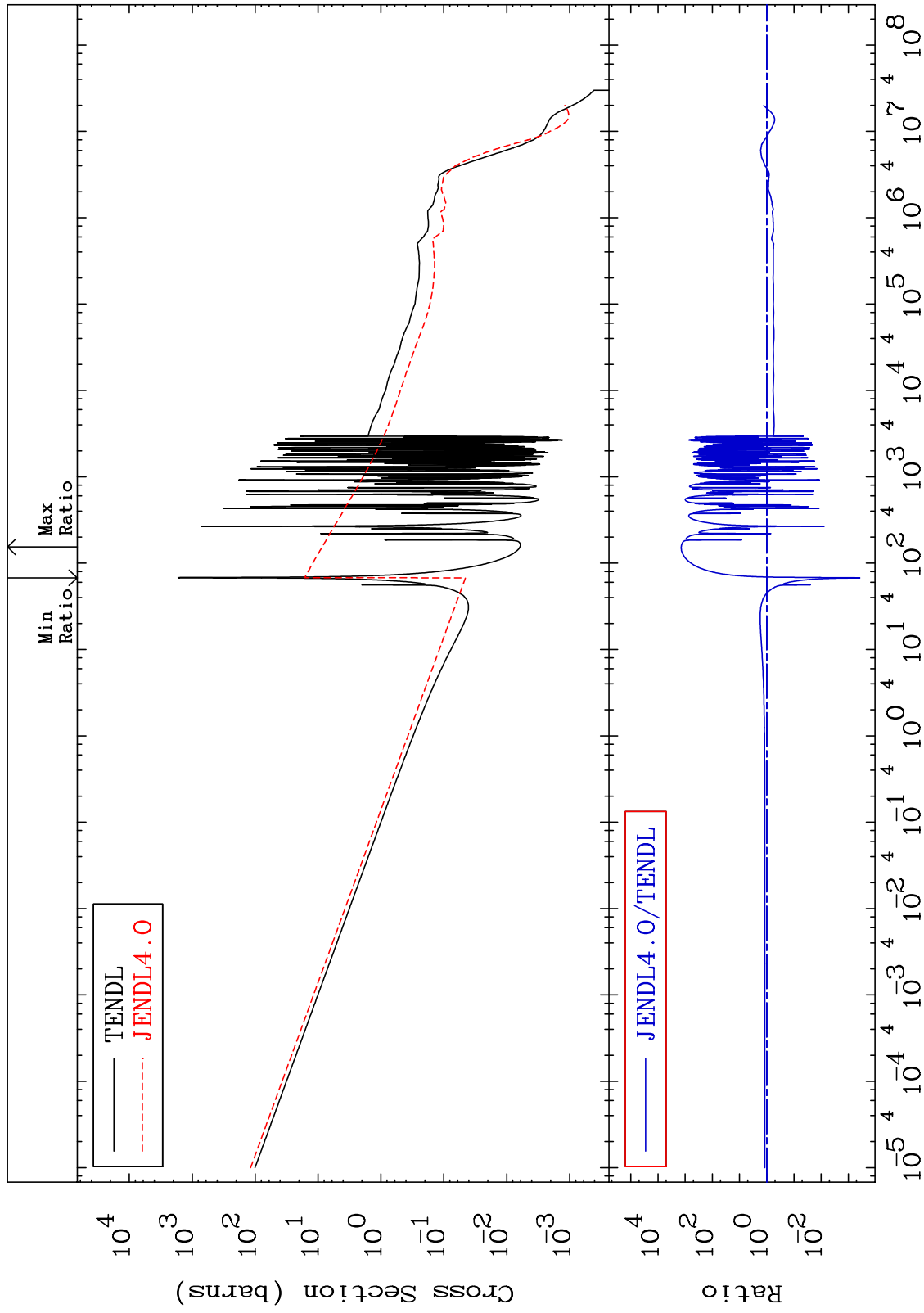
MAT 5225 (n, n') Continuum Cross Section 52-Te-120 -69.57 To 950.7 %



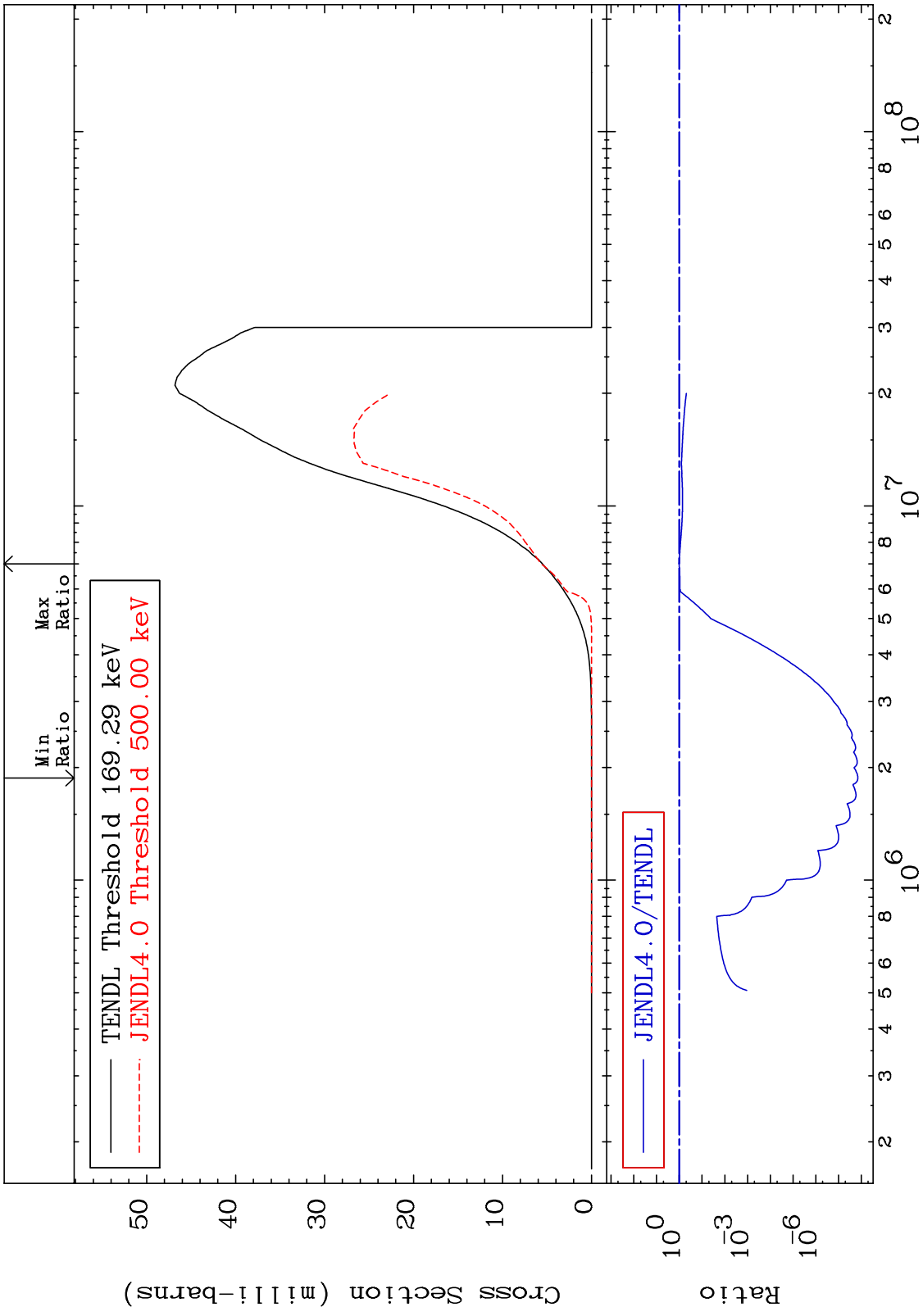
MAT 5225

(n, γ)
Cross Section

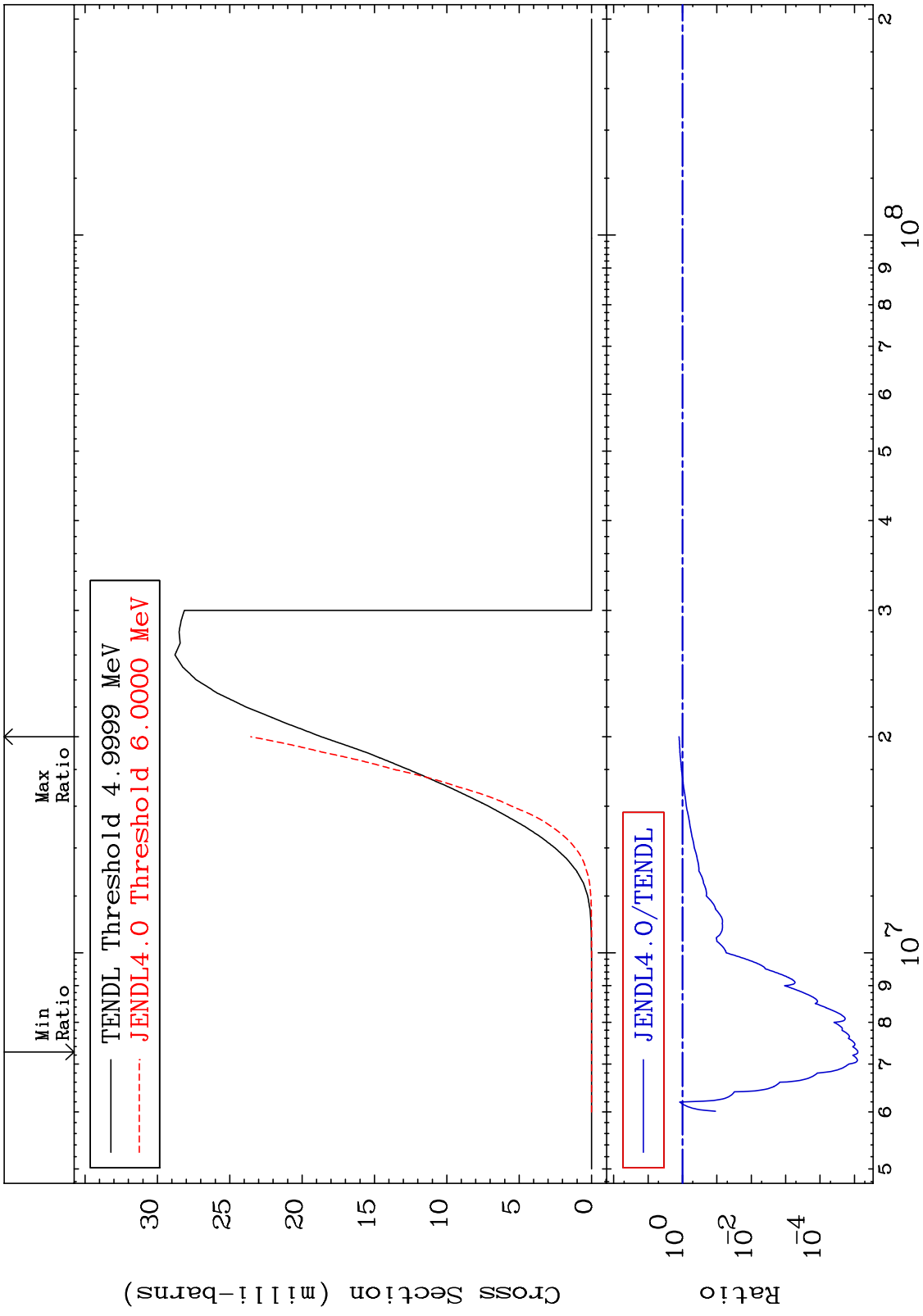
52-Te-120
-99.96 To 9999. %



MAT 5225 (n,p) Cross Section 52-Te-120 -100.0 To 2.442 %

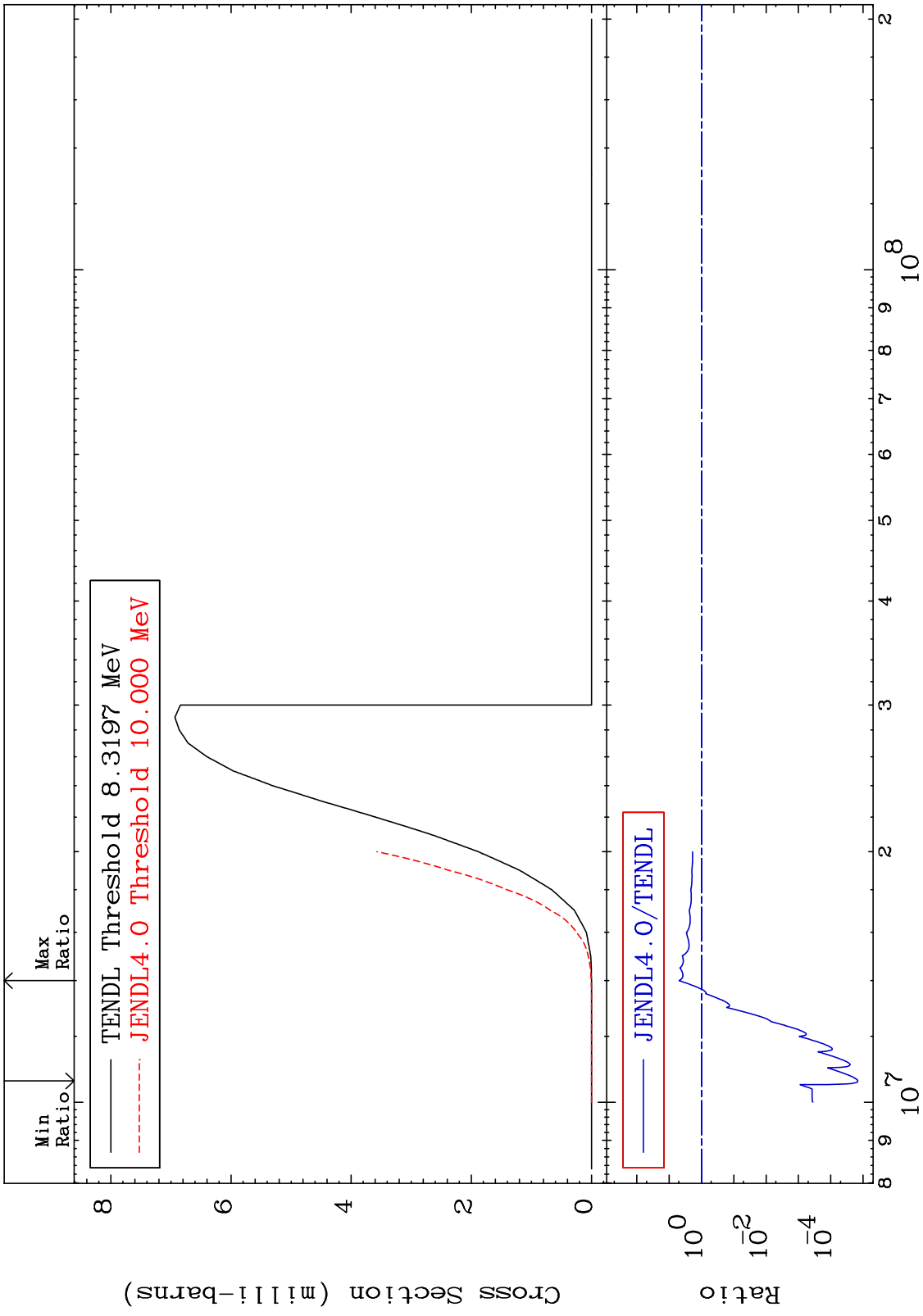


MAT 5225 (n,d) 52-Te-120
 Cross Section -100.0 To 25.99 %

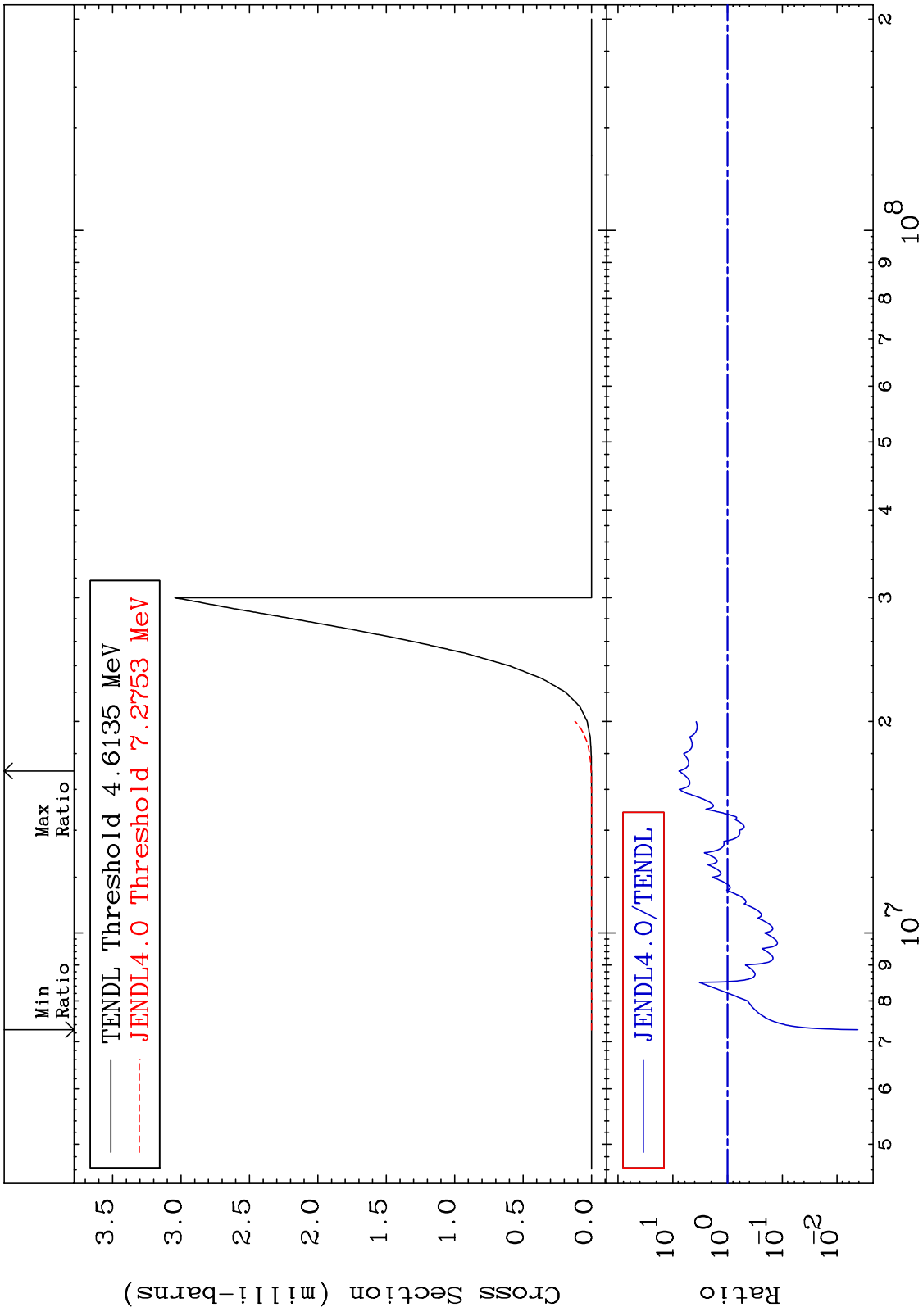


20 Incident Energy (eV) 52-Te-120

MAT 5225 (n,t) 52-Te-120
 Cross Section -100.0 To 393.2 %

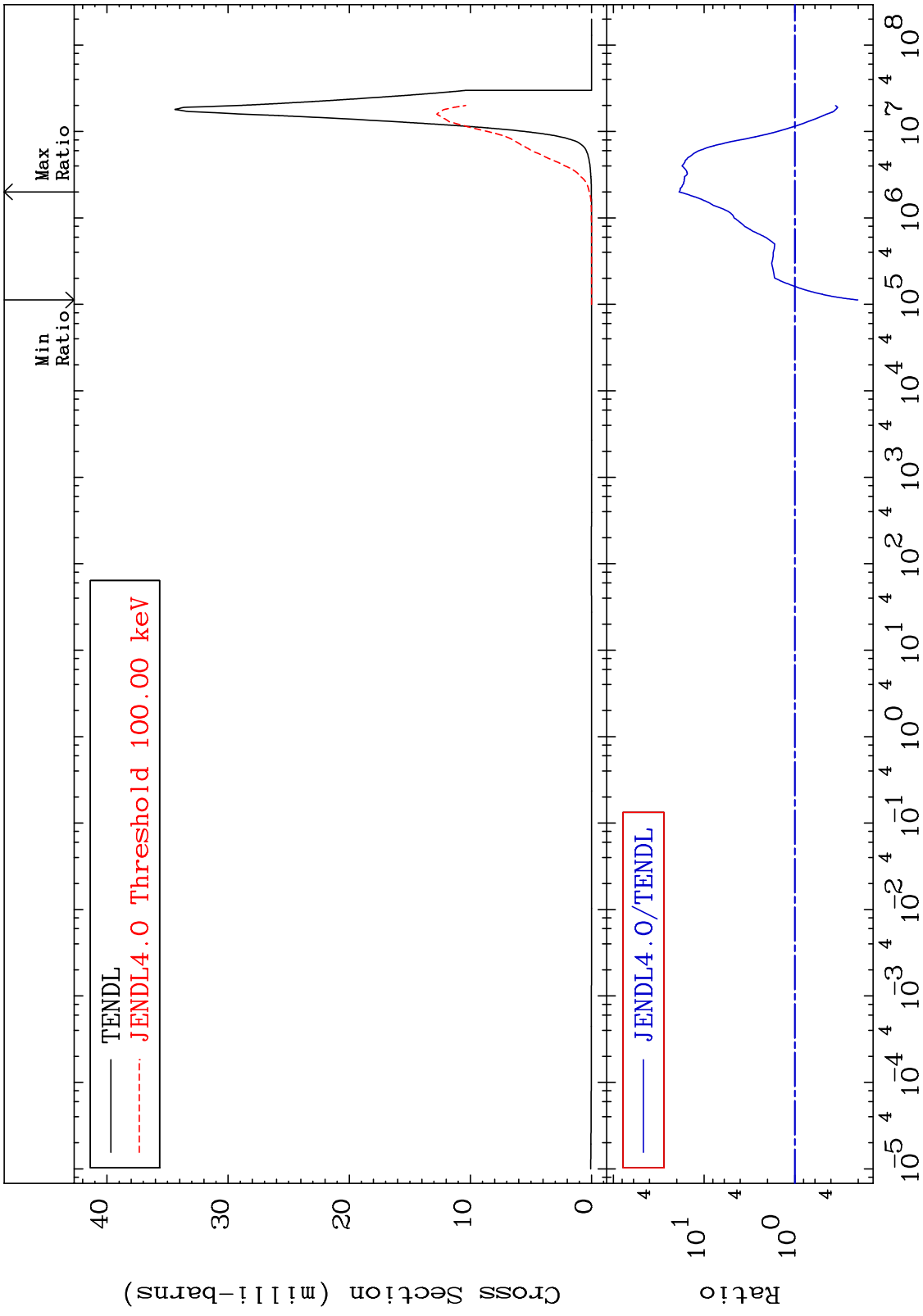


MAT 5225 (n,He-3) 52-Te-120
 Cross Section -99.58 To 669.8 %

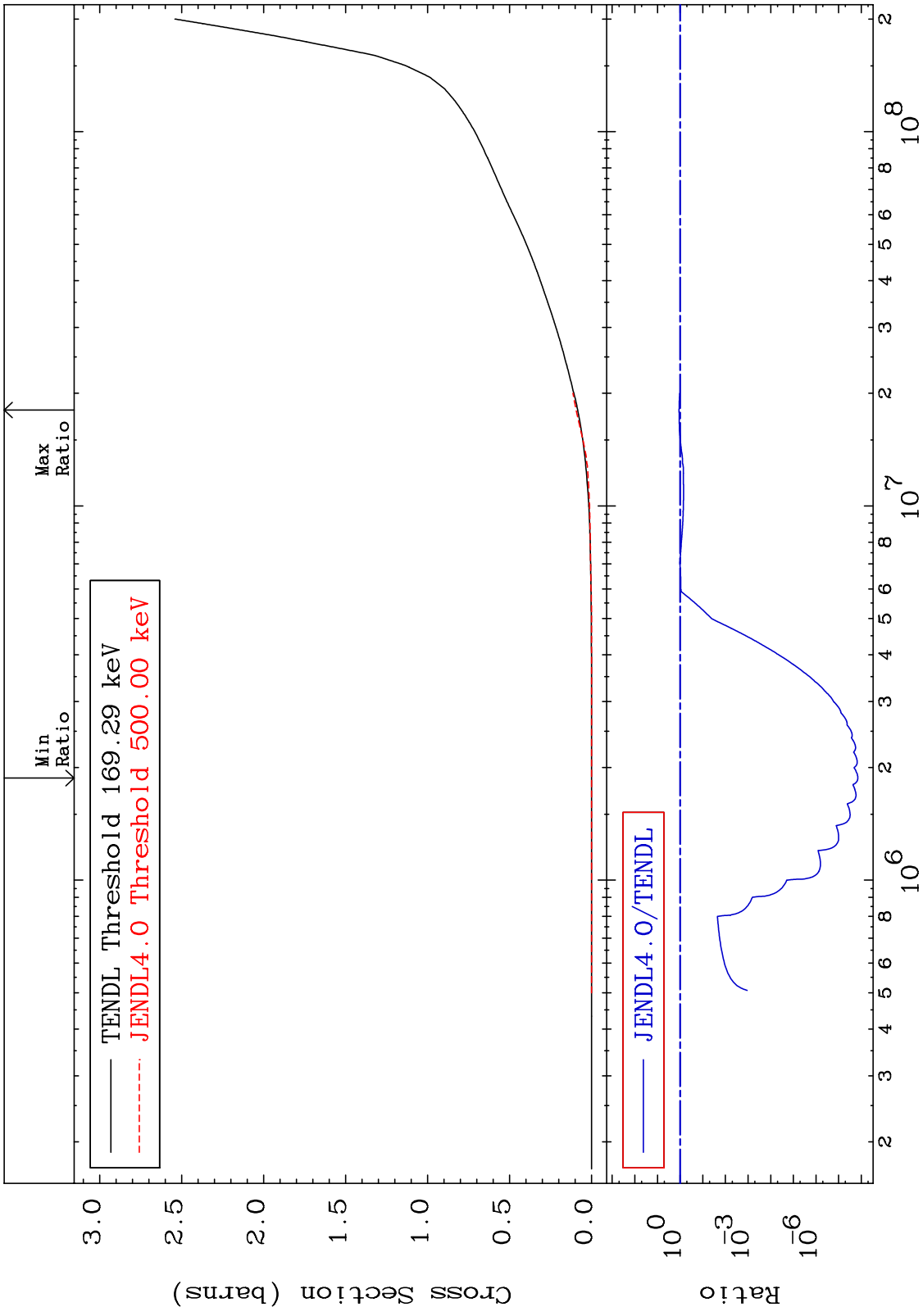


22 52-Te-120

MAT 5225 (n, α) 52-Te-120
 Cross Section -79.77 To 1791. %



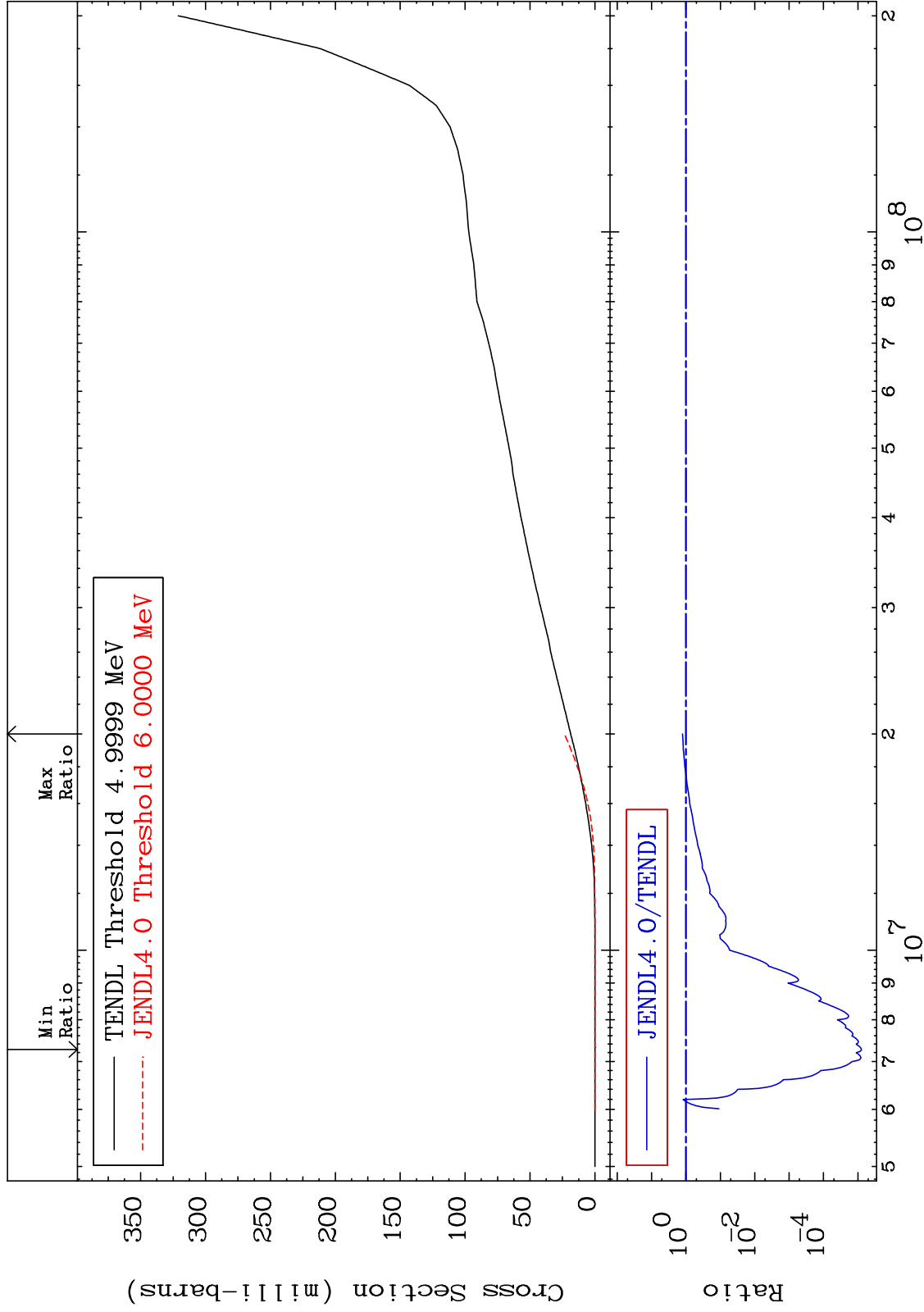
MAT 5225 Hydrogen Production Cross Section 52-Te-120
 -100.0 To 11.53 %



MAT 5225

Deuterium Production
Cross Section

52-Te-120
-100.0 To 26.21 %

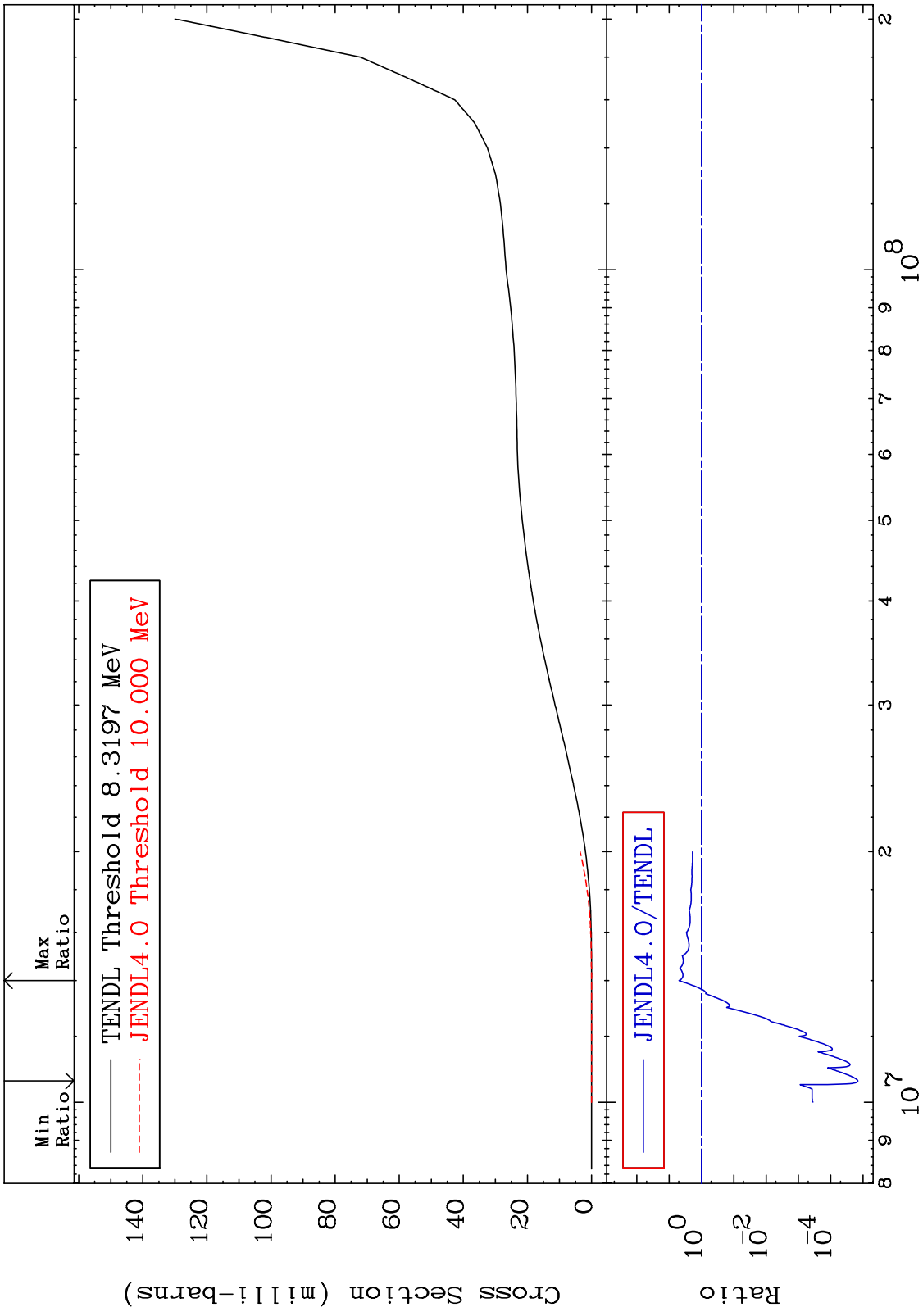


25

Incident Energy (eV)

52-Te-120

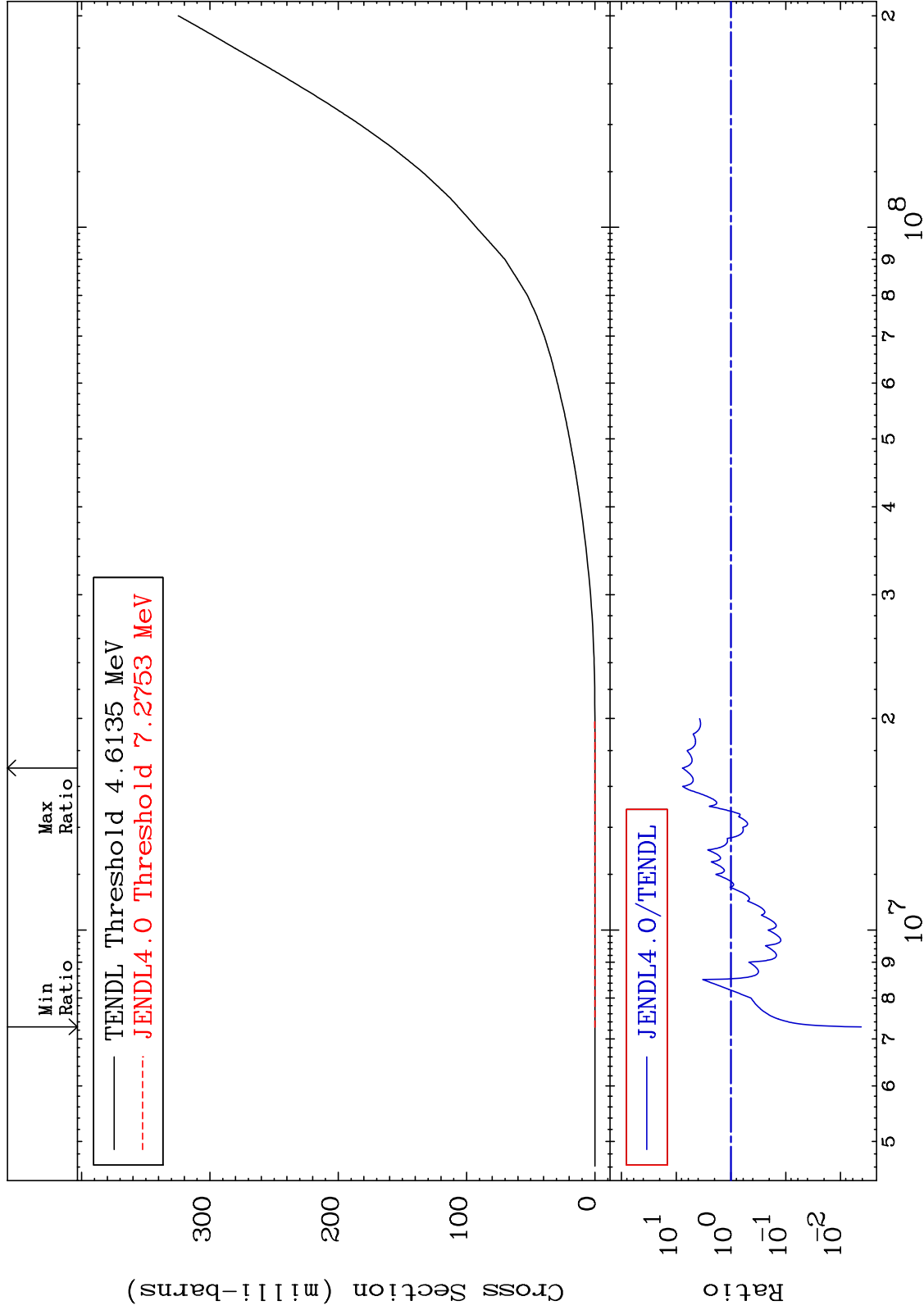
MAT 5225 Tritium Production Cross Section 52-Te-120 -100.0 To 393.2 %



MAT 5225

He-3 Production
Cross Section

52-Te-120
-99.58 To 669.8 %



27

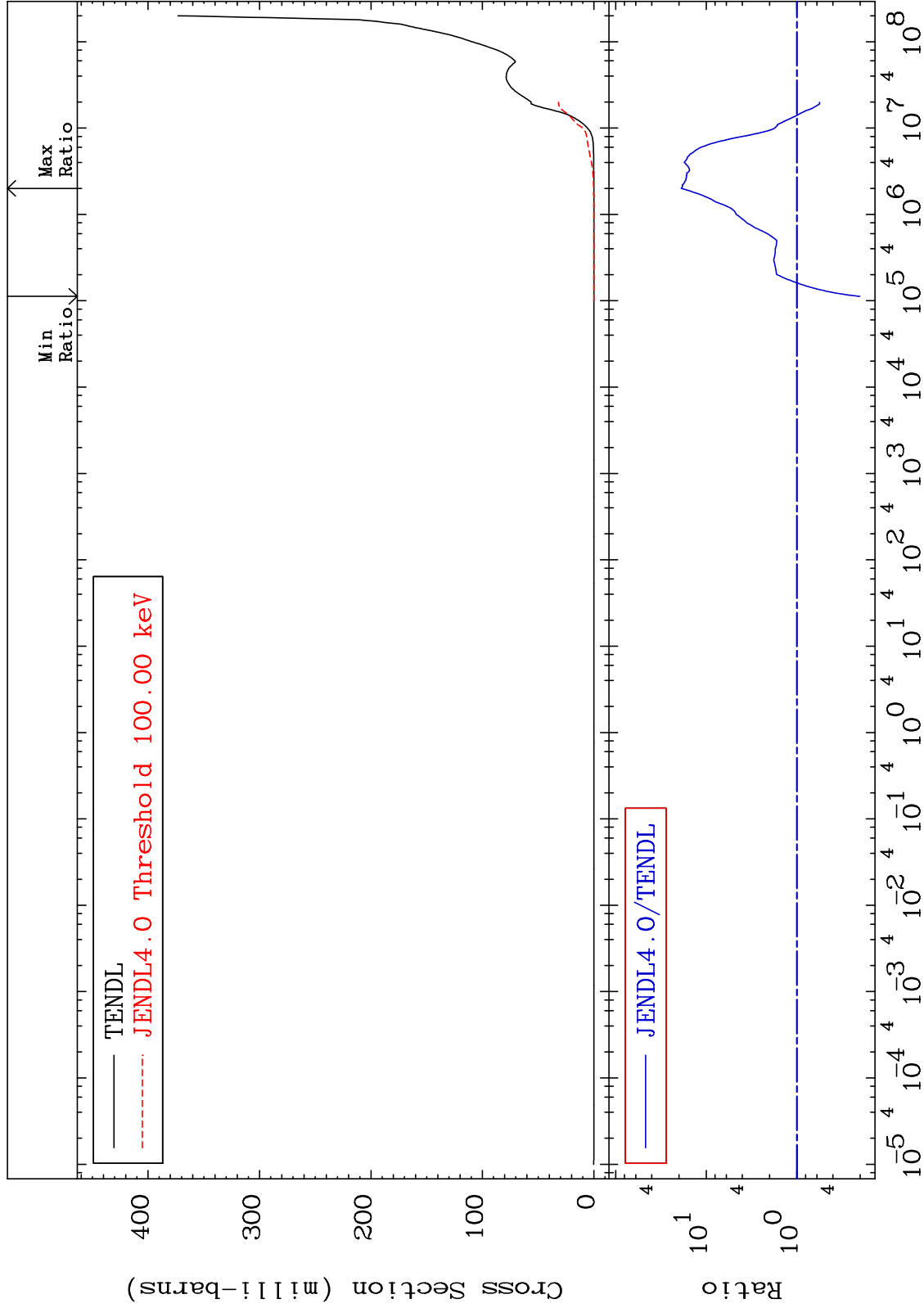
Incident Energy (eV)

52-Te-120

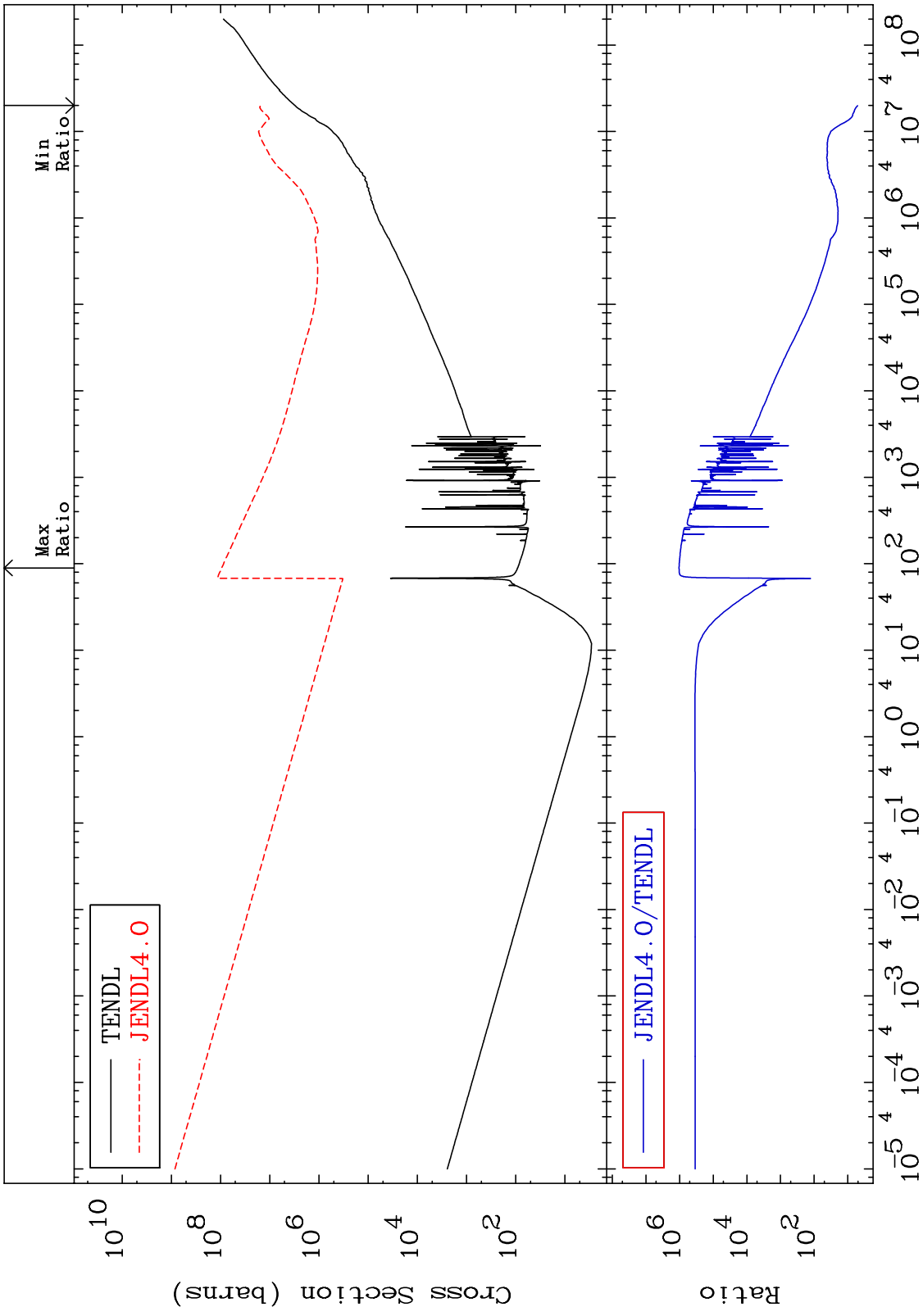
MAT 5225

He-4 Production
Cross Section

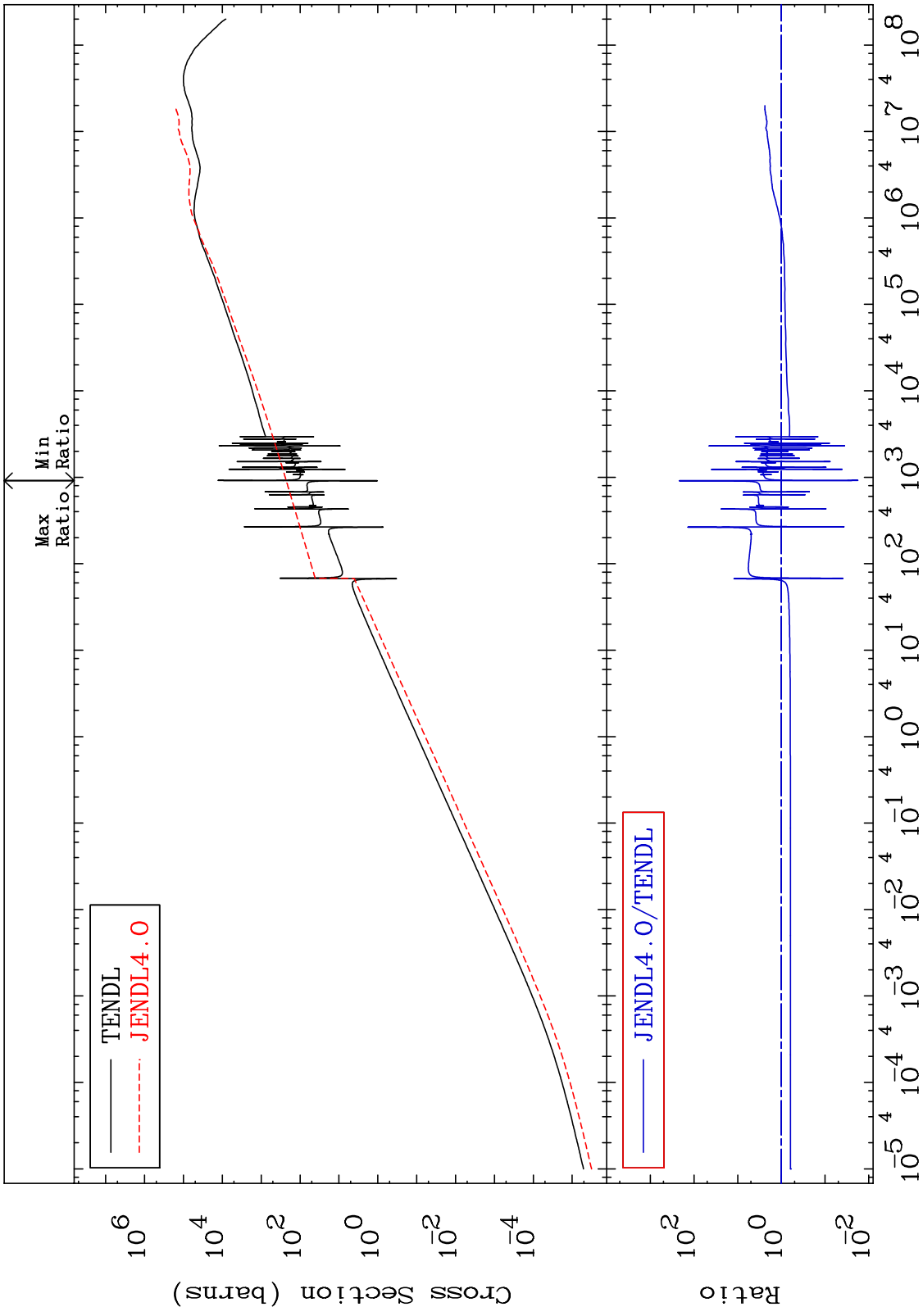
52-Te-120
-79.77 To 1791. %



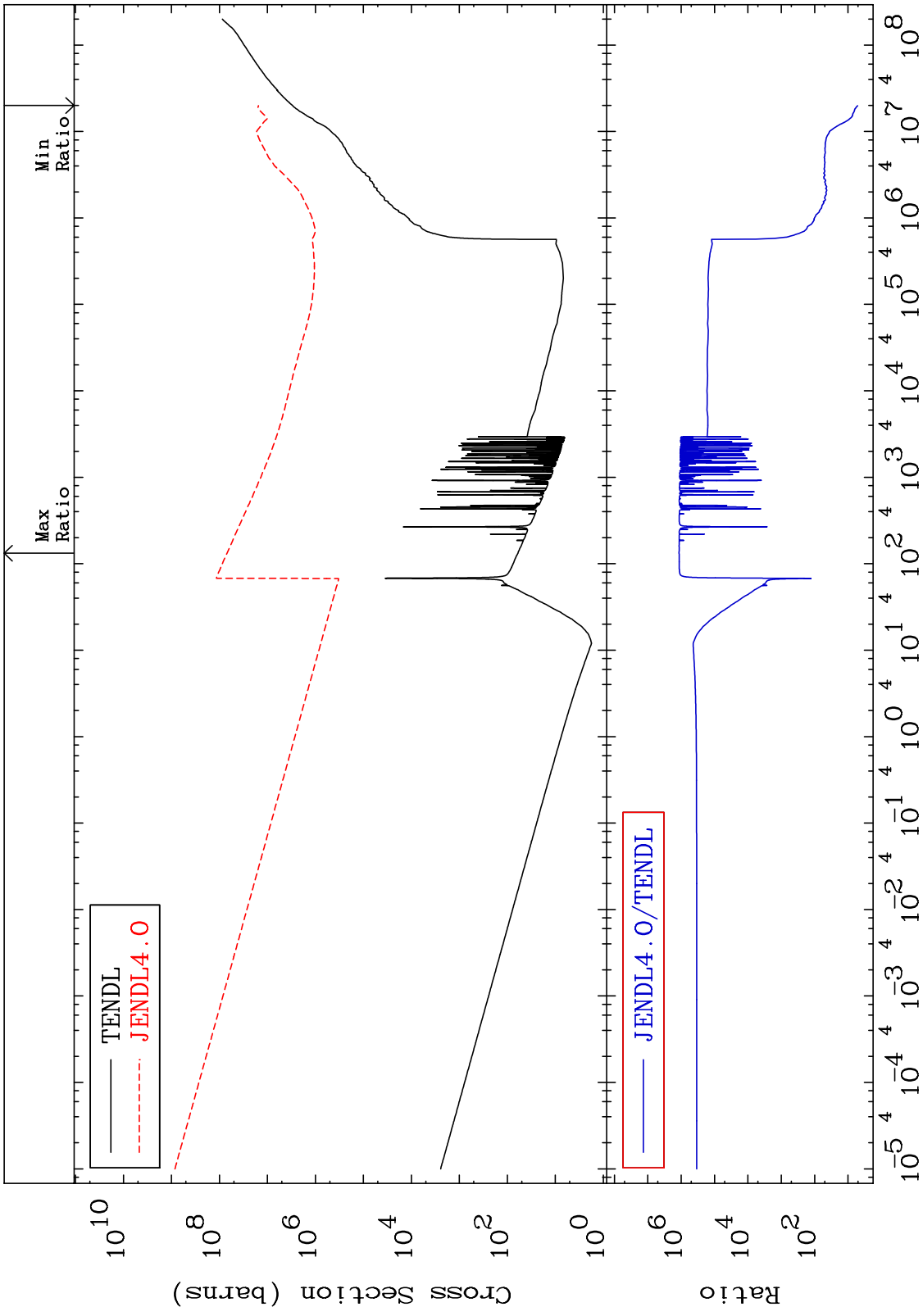
MAT 5225 Kerma total (eV-barns) 52-Te-120
 Cross Section 402.2 To 9999. %



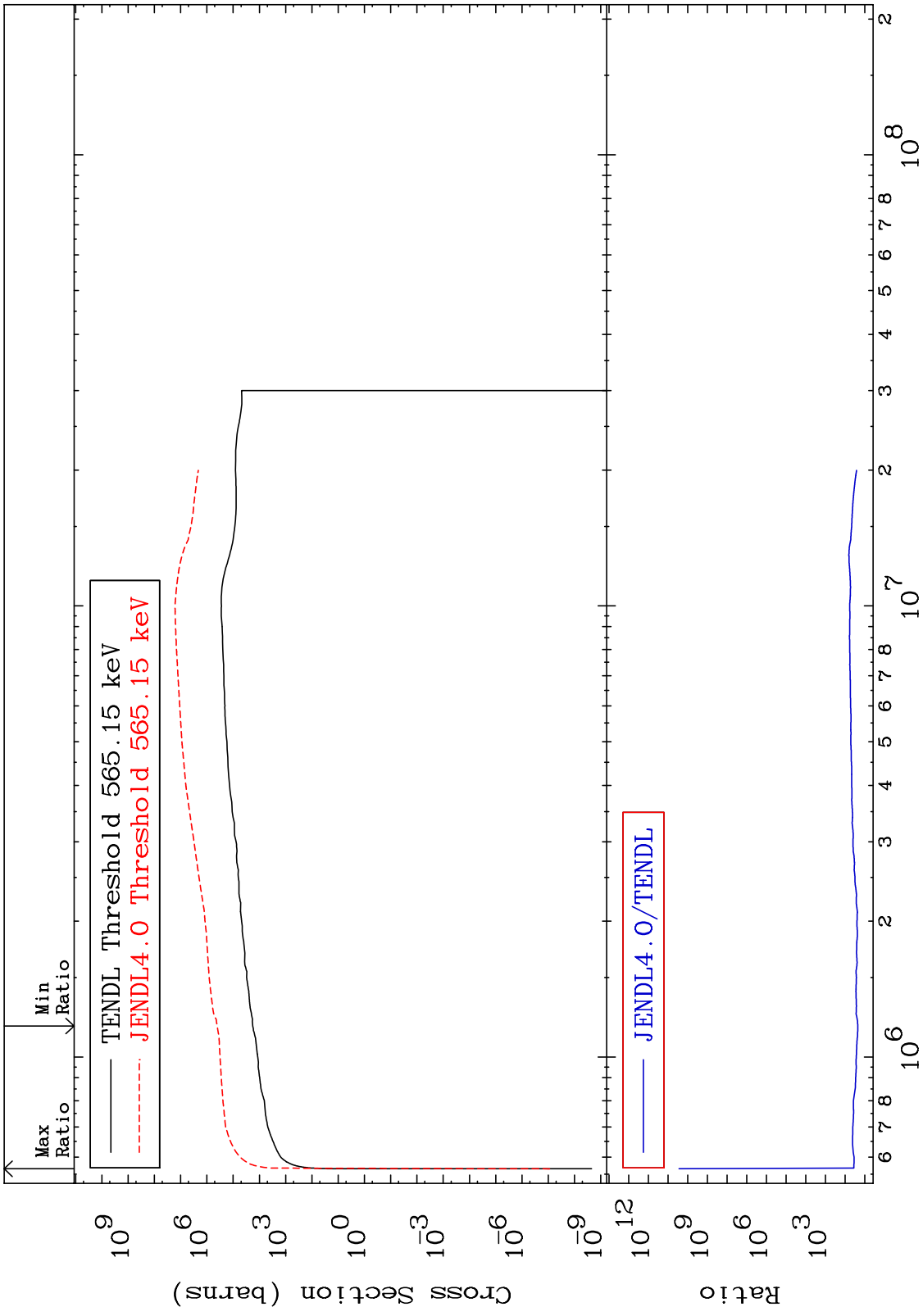
MAT 5225 52-Te-120 -98.22 To 9999. %
 Kerma elastic Cross Section



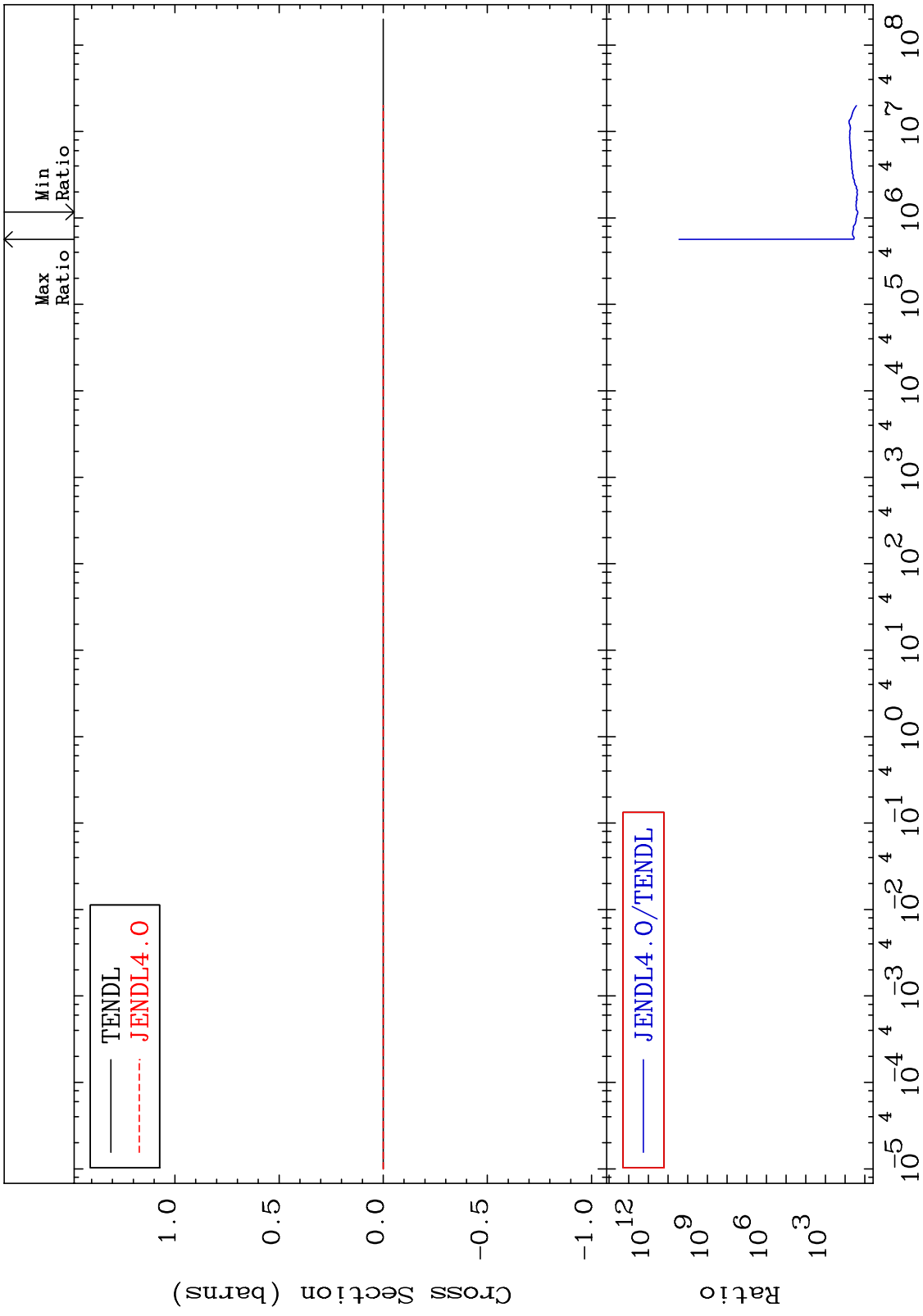
MAT 5225 Kerma non-elastic (all but mt2) 52-Te-120
 Cross Section 408.3 To 9999. %



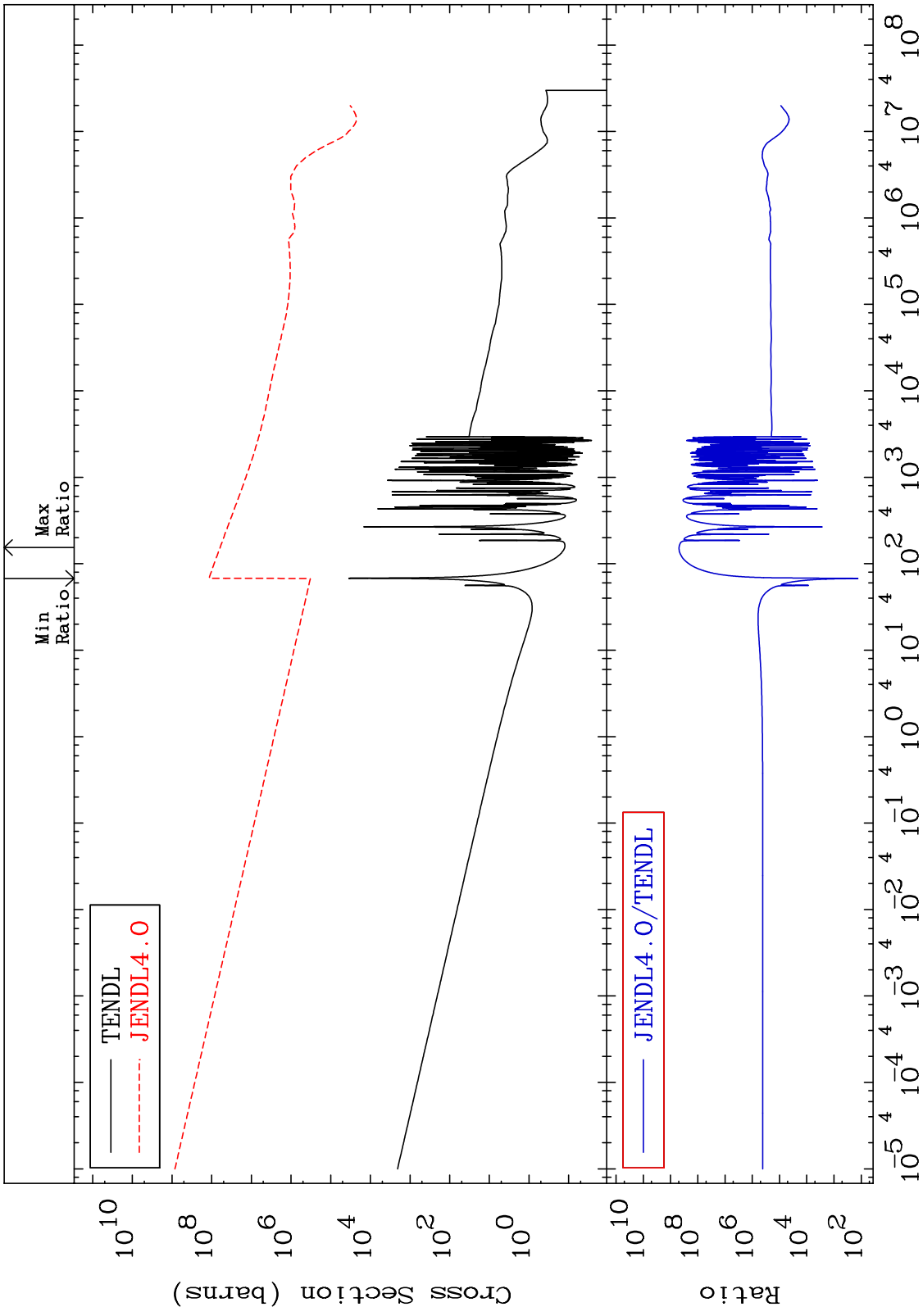
MAT 5225 Kerma inelastic (mt51-91) 52-Te-120
 Cross Section 2147. To 9999. %



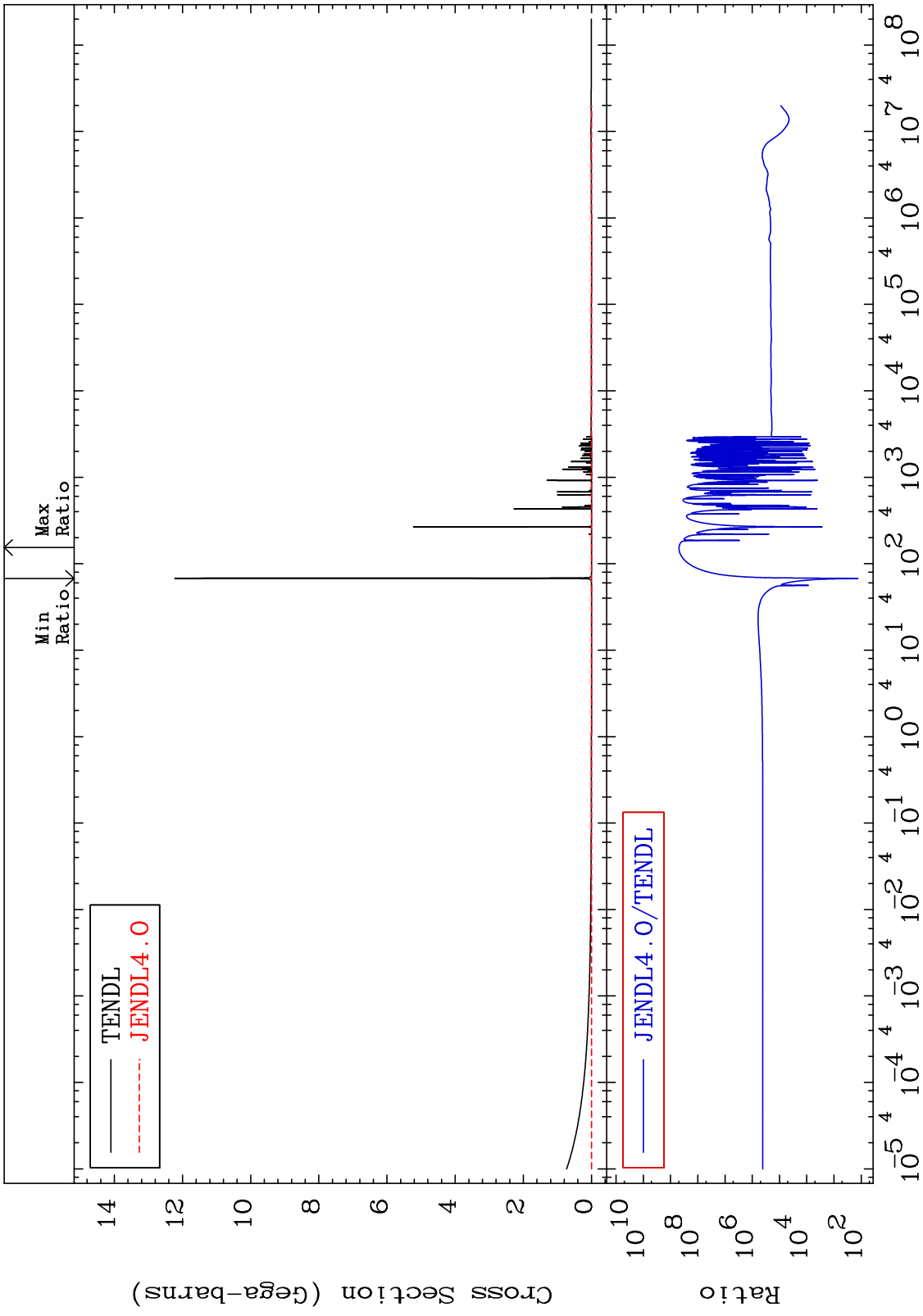
MAT 5225 Kerma fission (mt18 or mt19-20-21-38) 52-Te-120
 Cross Section 2147. To 9999. %



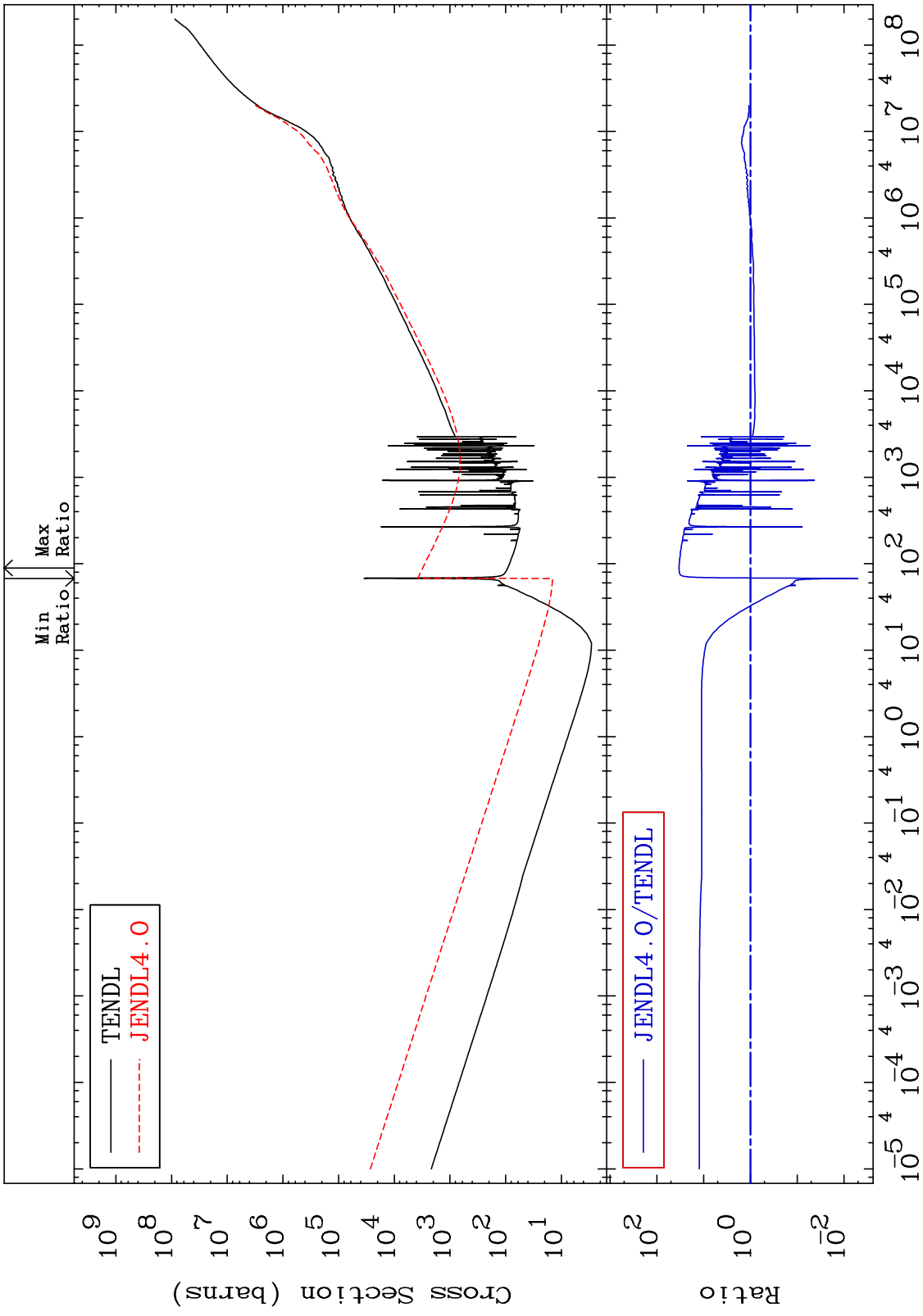
MAT 5225 Kerma capture (mt102) 52-Te-120
 Cross Section 9999. To 9999. %



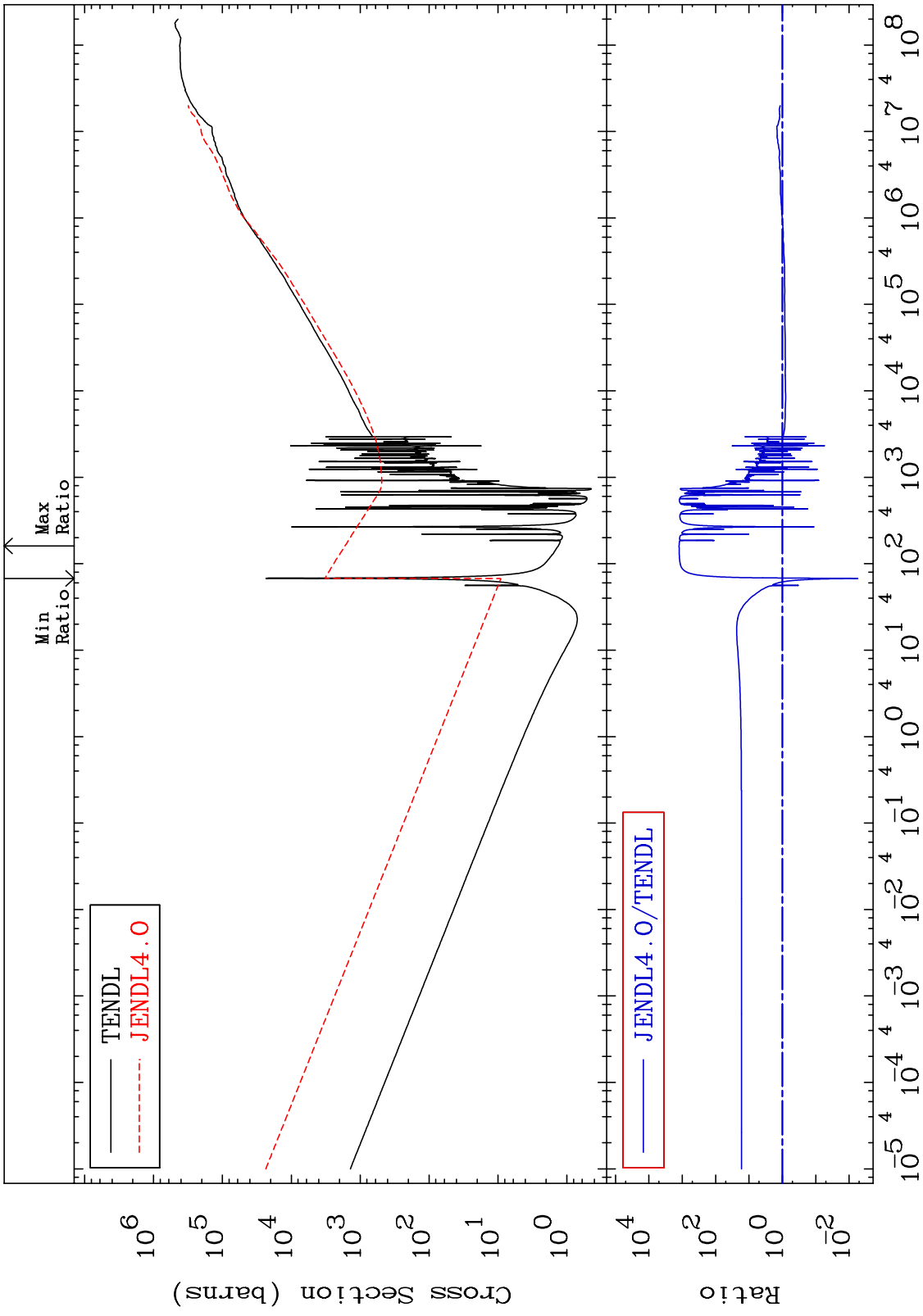
MAT 5225 Total photon (eV-barns) 52-Te-120
Cross Section 9999. To 9999. %



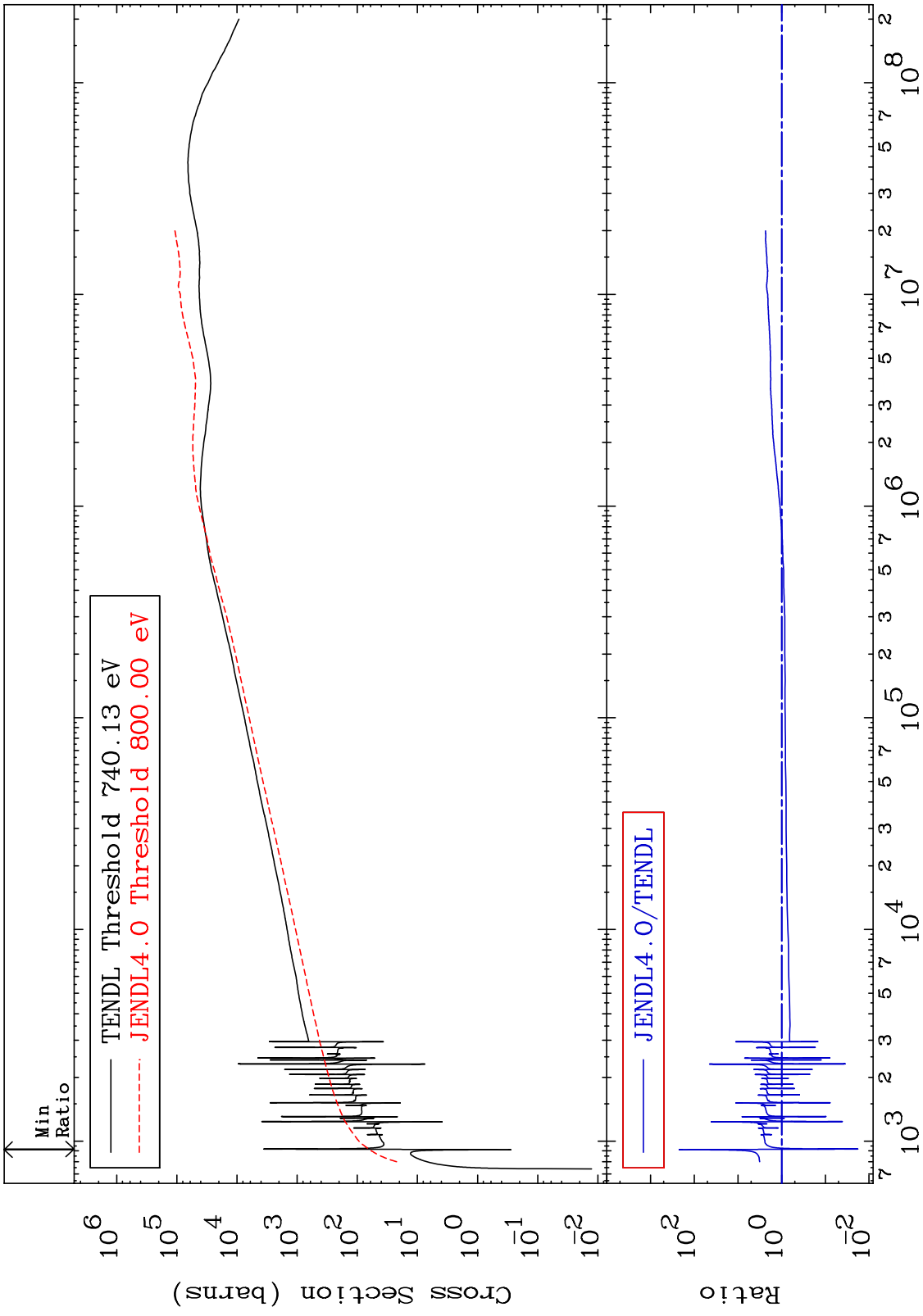
MAT 5225 Total kinematic kerma (high limit) 52-Te-120
 Cross Section -99.49 To 3254. %



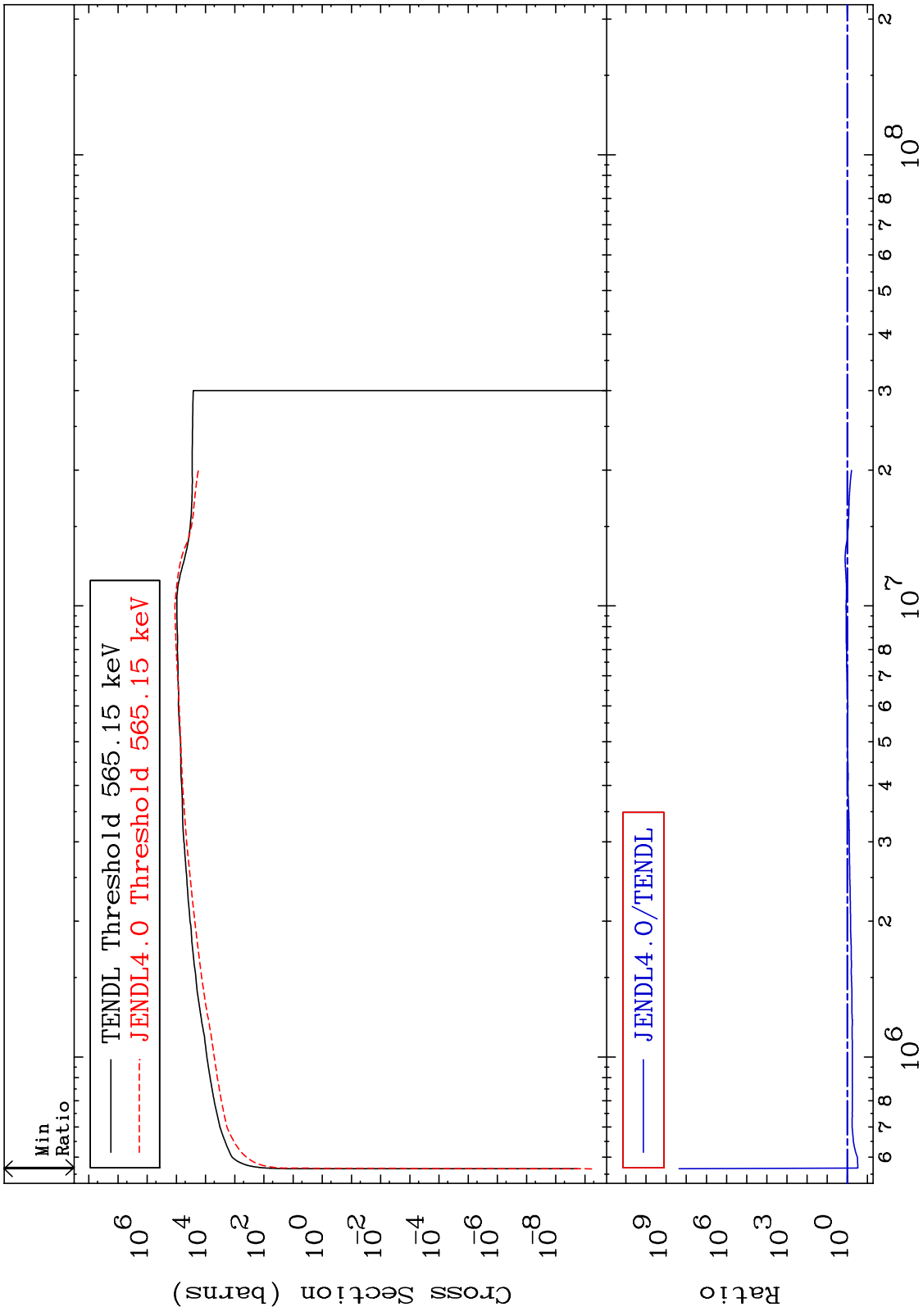
MAT 5225 Dpa total (eV-barns) 52-Te-120
 Cross Section -99.45 To 9999. %



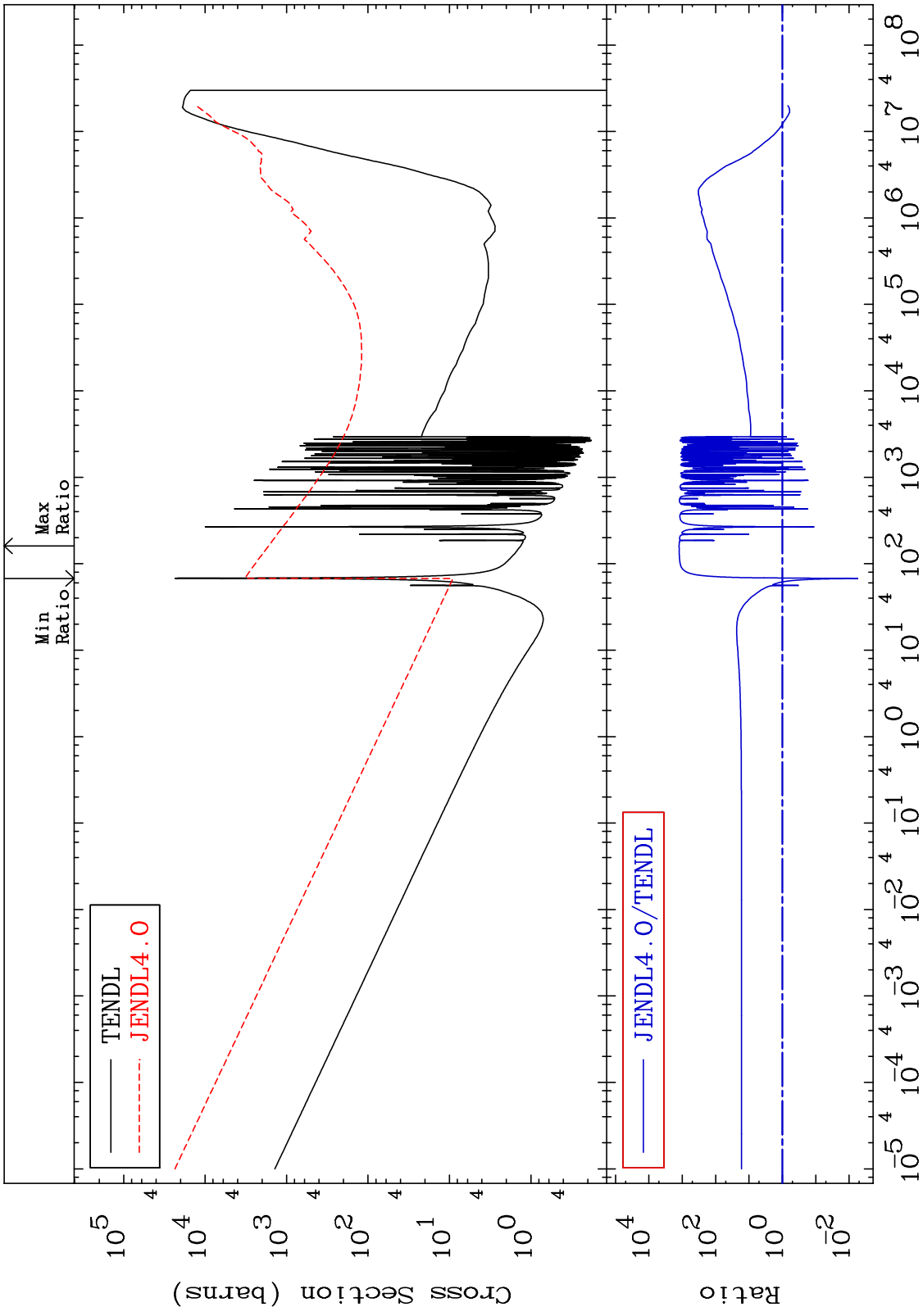
MAT 5225 52-Te-120 -98.20 To 9999. %
 Dpa elastic (mt2)
 Cross Section



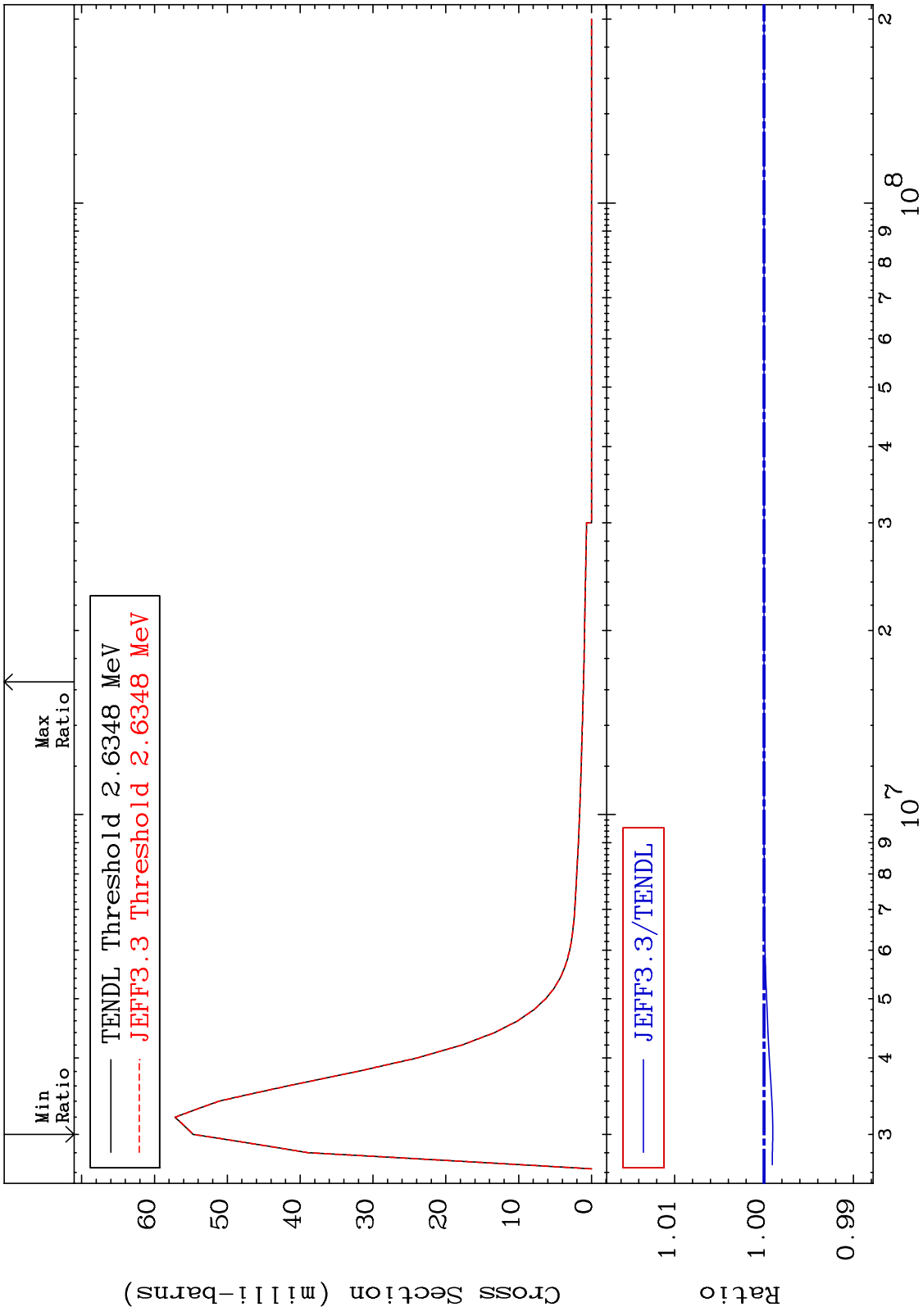
MAT 5225 Dpa inelastic (mt51-91) 52-Te-120
 Cross Section -69.81 To 9999. %



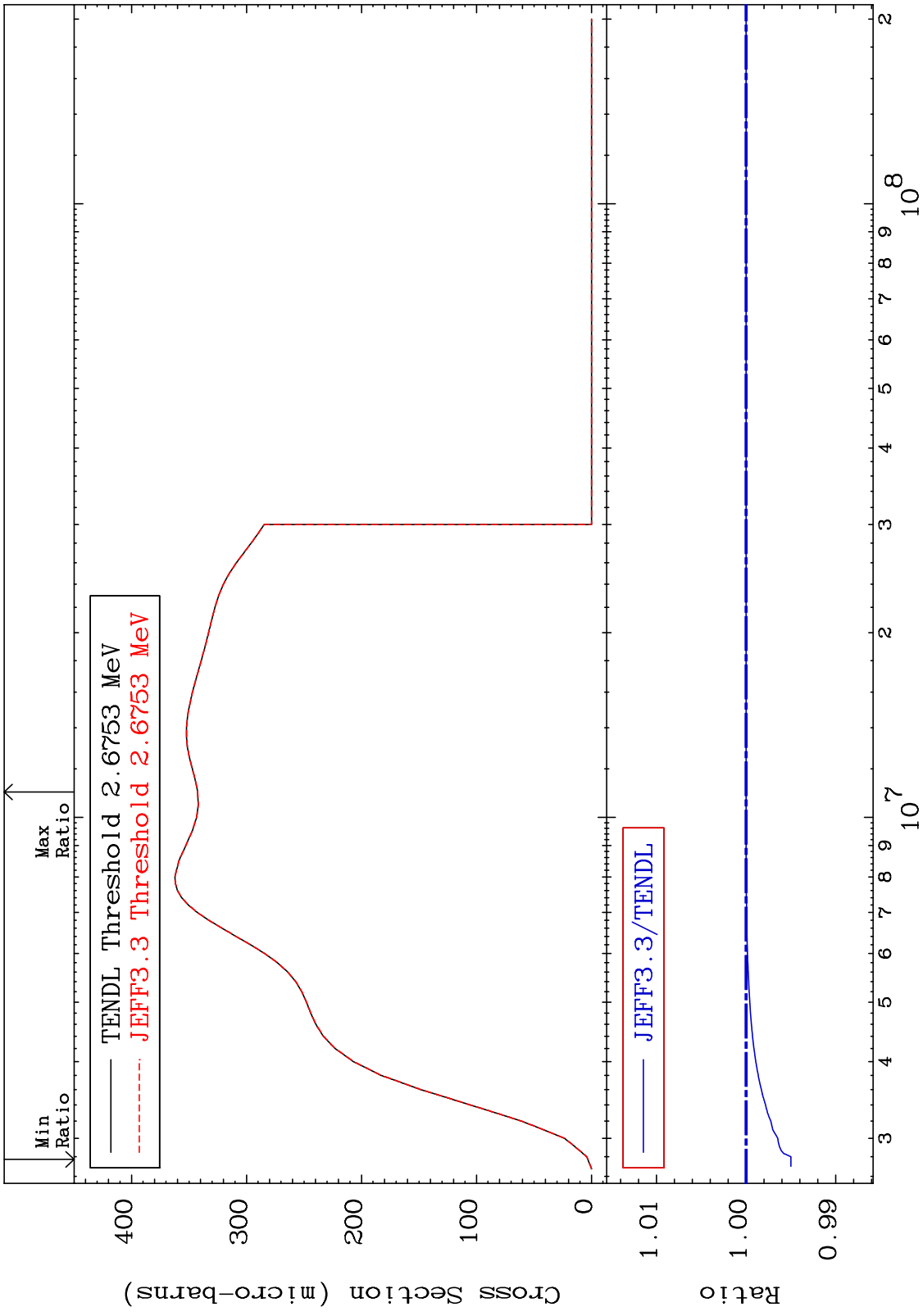
MAT 5225 Dpa disappearance (mt102 -120) 52-Te-120
 Cross Section -99.45 To 9999. %



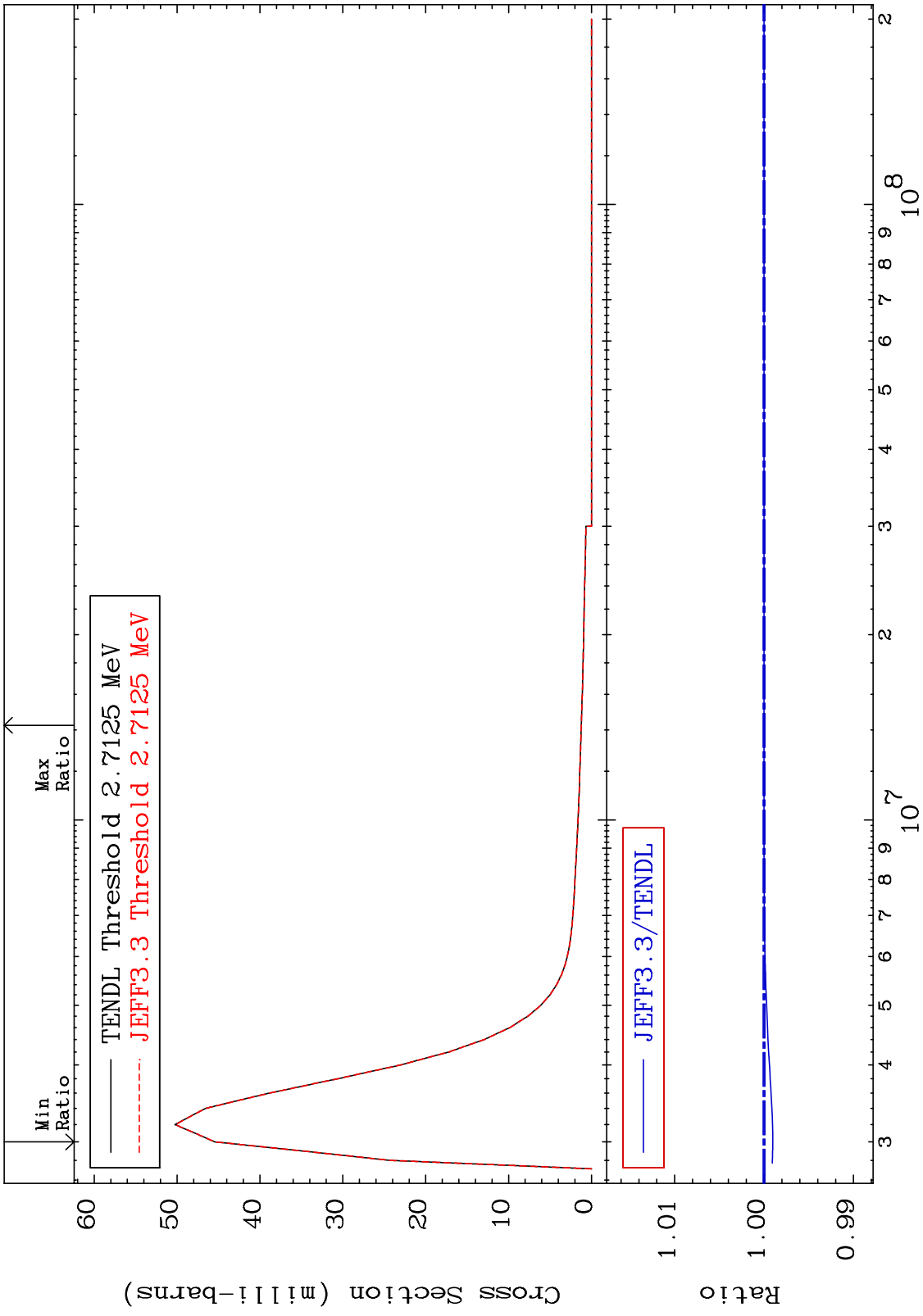
MAT 5225 MT= 72 (n,n') Level Cross Section 52-Te-120 -0.098 To 0.000 %



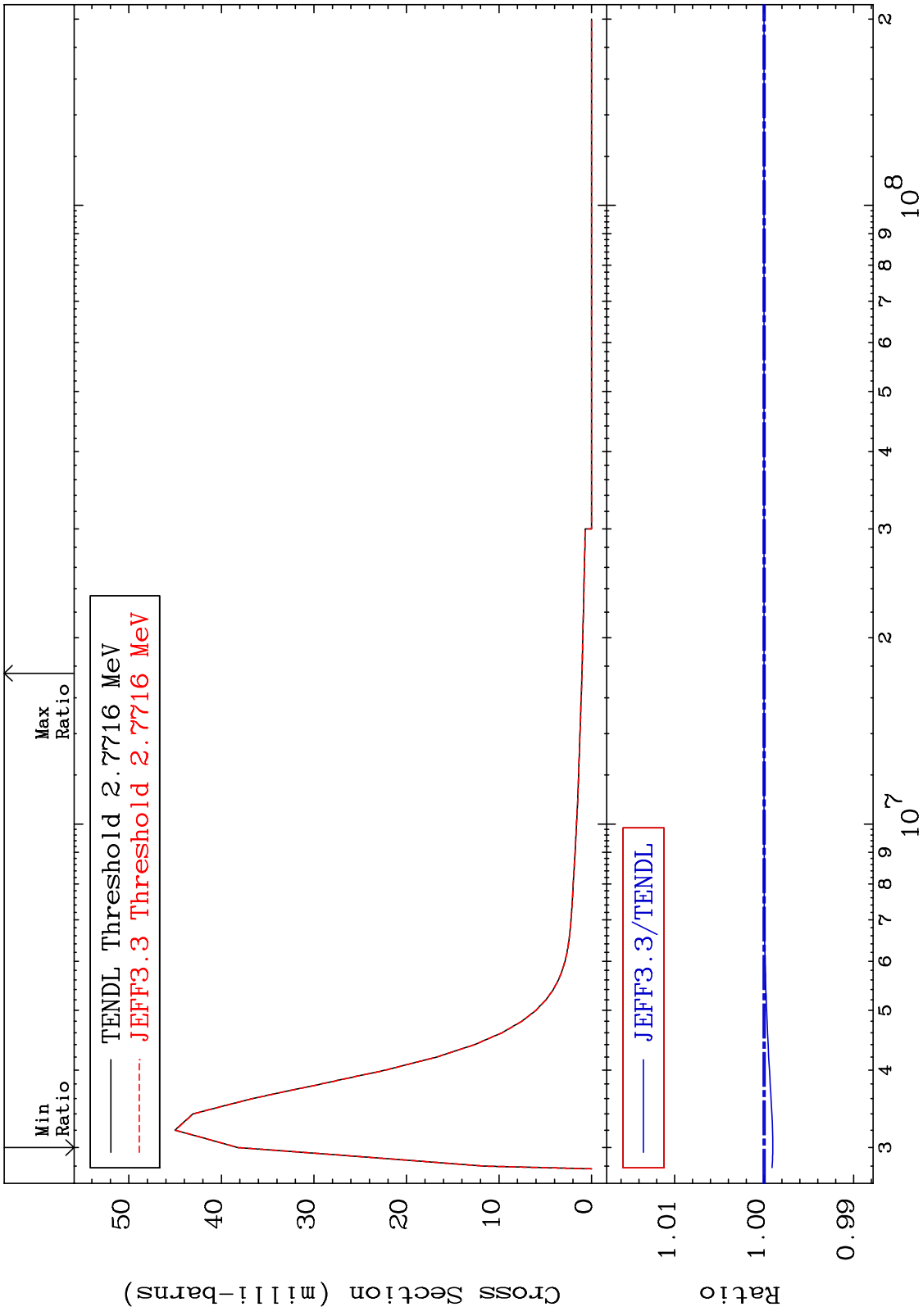
MAT 5225 MT= 73 (n,n') Level Cross Section 52-Te-120
 -0.500 To 0.000 %



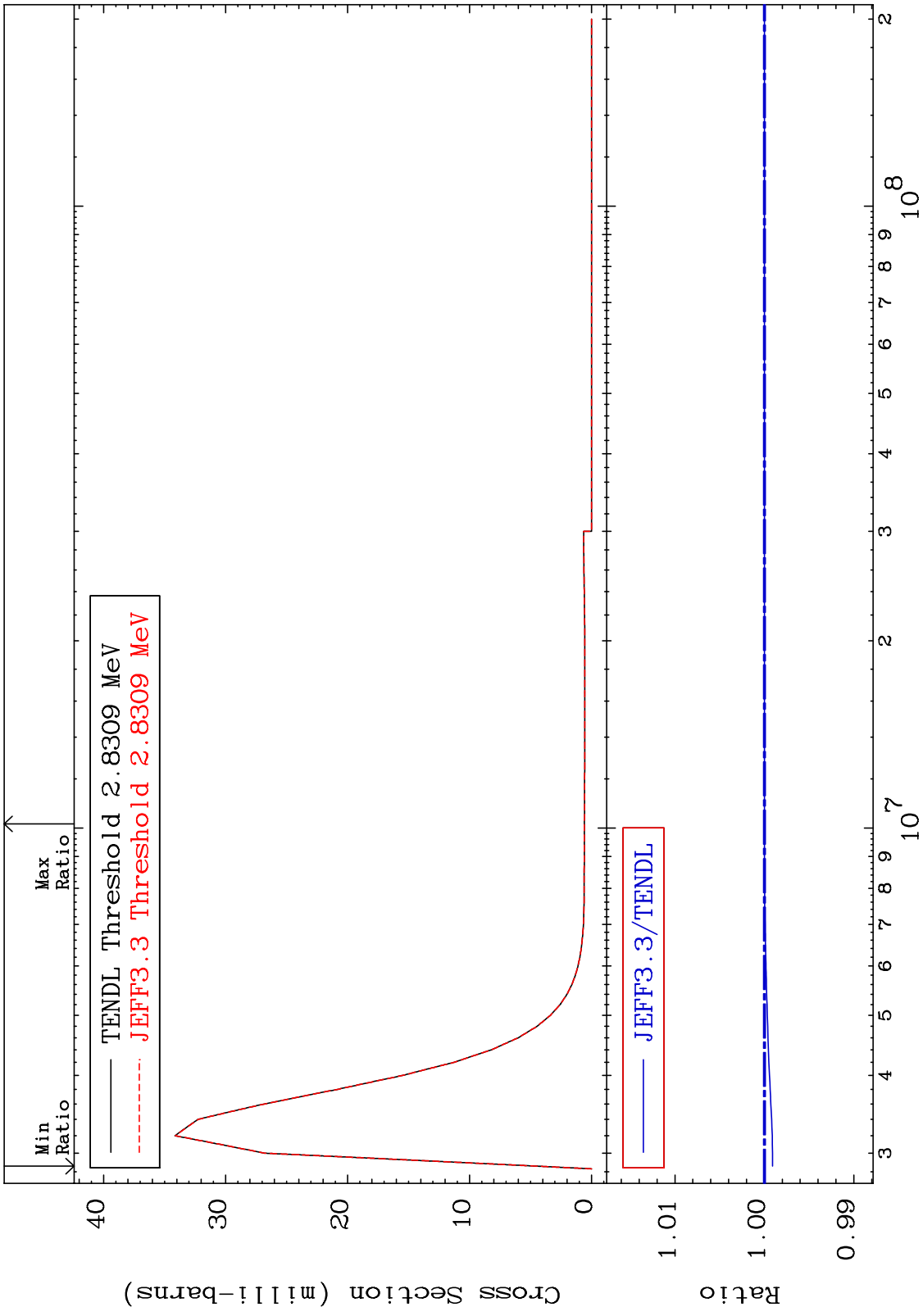
MAT 5225 MT= 74 (n,n') Level Cross Section 52-Te-120
 -0.097 To 0.000 %



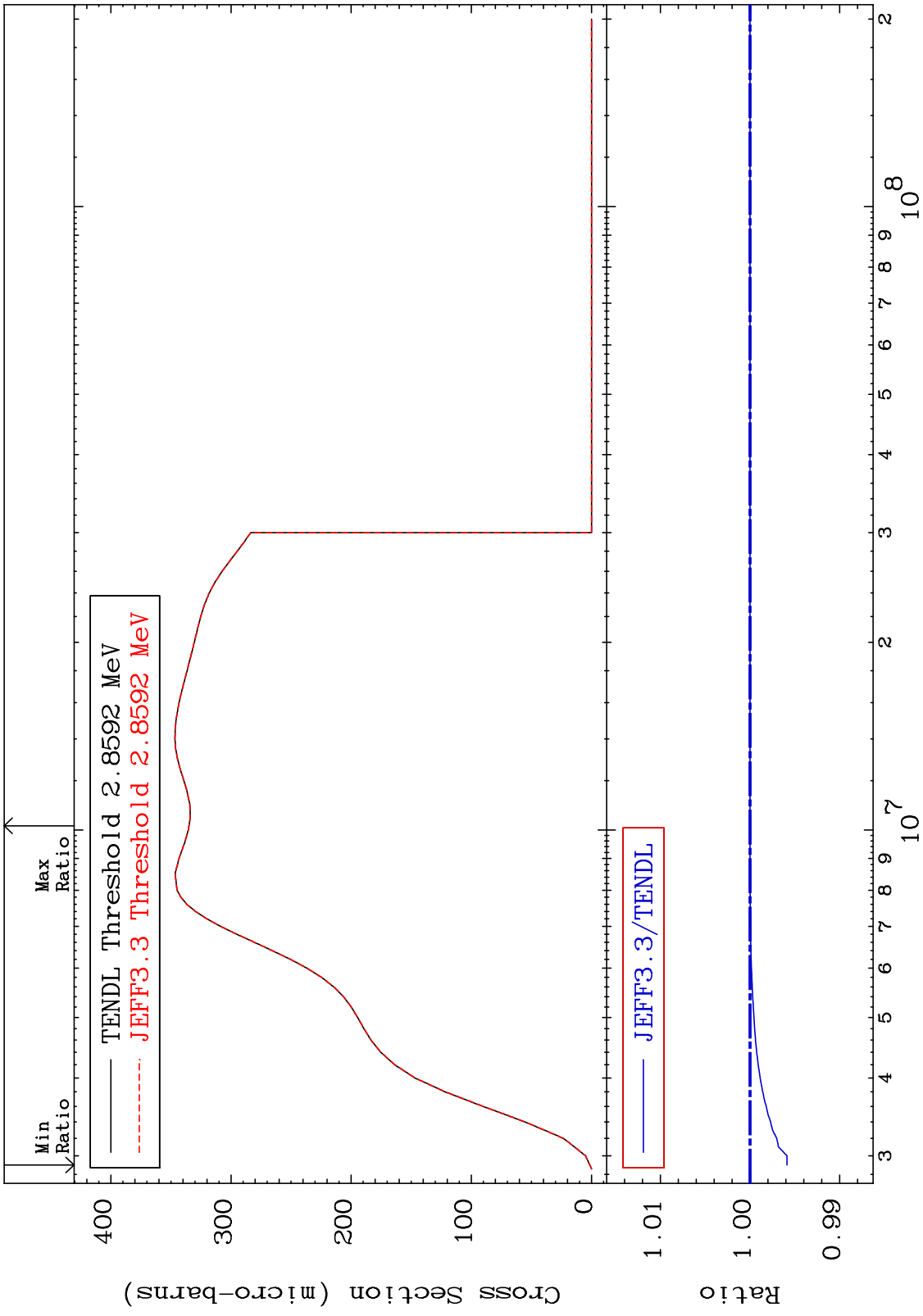
MAT 5225 MT= 75 (n,n') Level Cross Section 52-Te-120
 -0.097 To 0.000 %



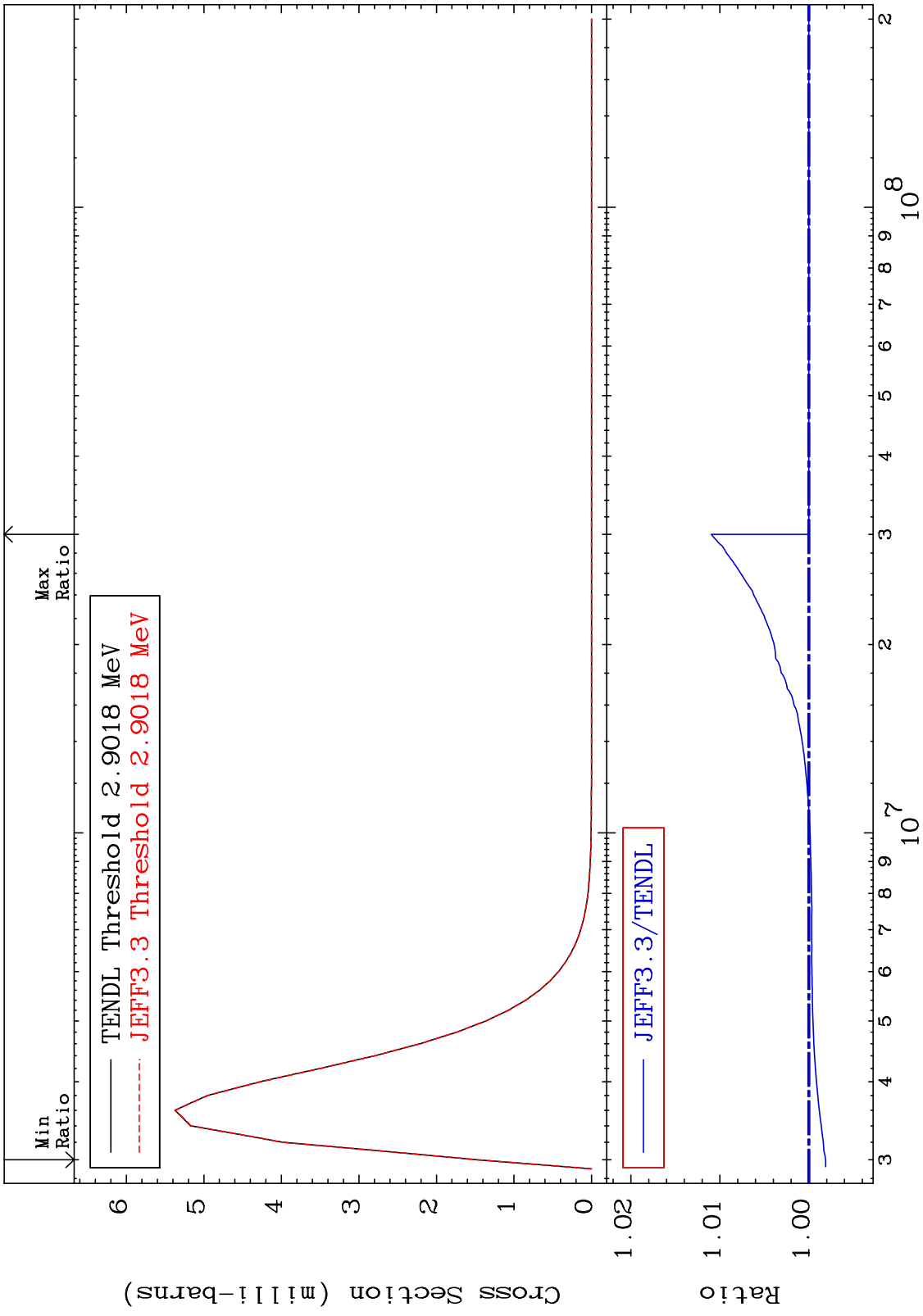
MAT 5225 MT= 76 (n,n') Level Cross Section 52-Te-120 -0.091 To 0.000 %



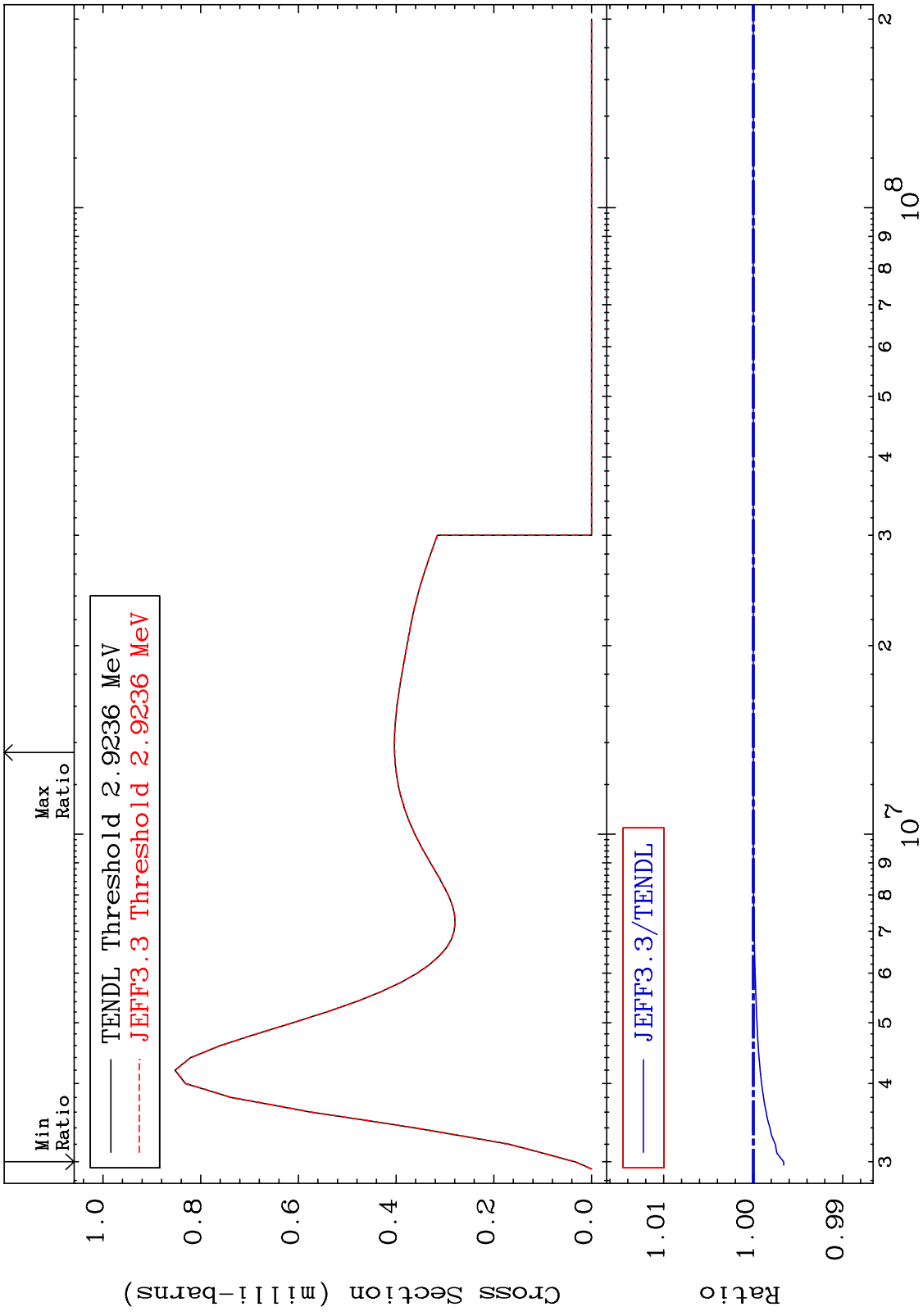
MAT 5225 MT= 77 (n,n') Level Cross Section 52-Te-120 -0.412 To 0.000 %



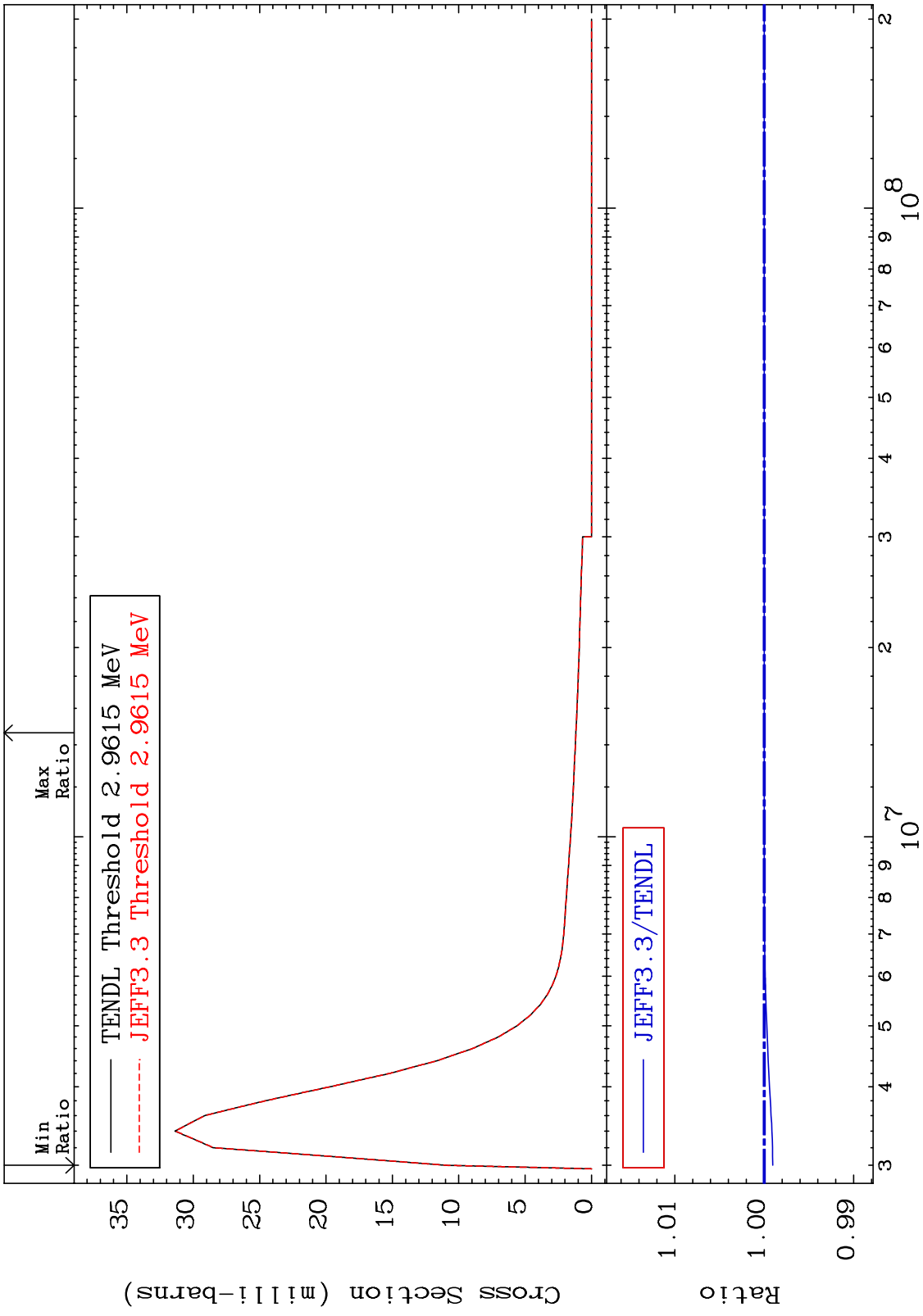
MAT 5225 MT= 78 (n,n') Level Cross Section 52-Te-120 -0.189 To 1.098 %



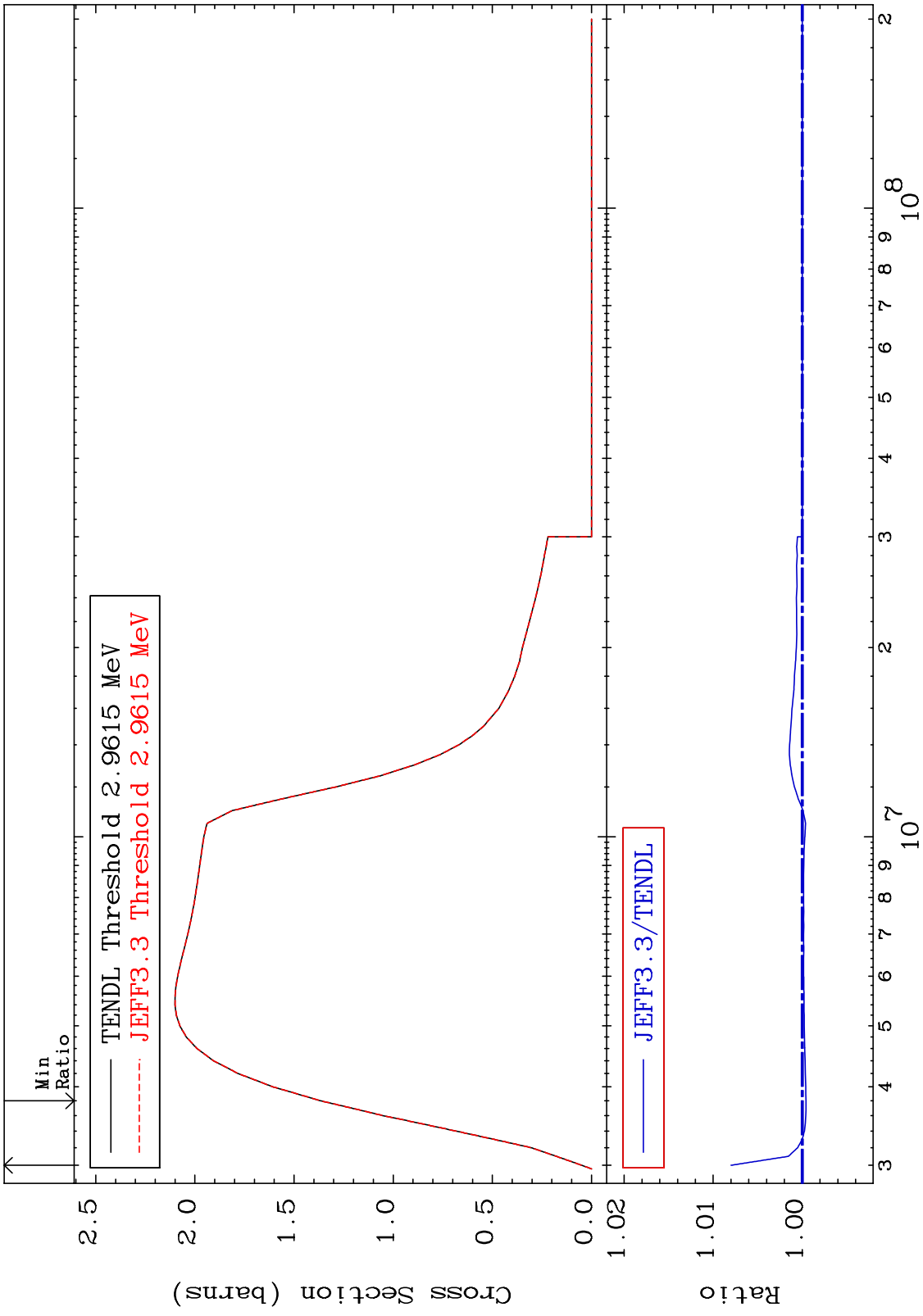
MAT 5225 MT= 79 (n,n') Level Cross Section 52-Te-120
 -0.340 To 0.000 %



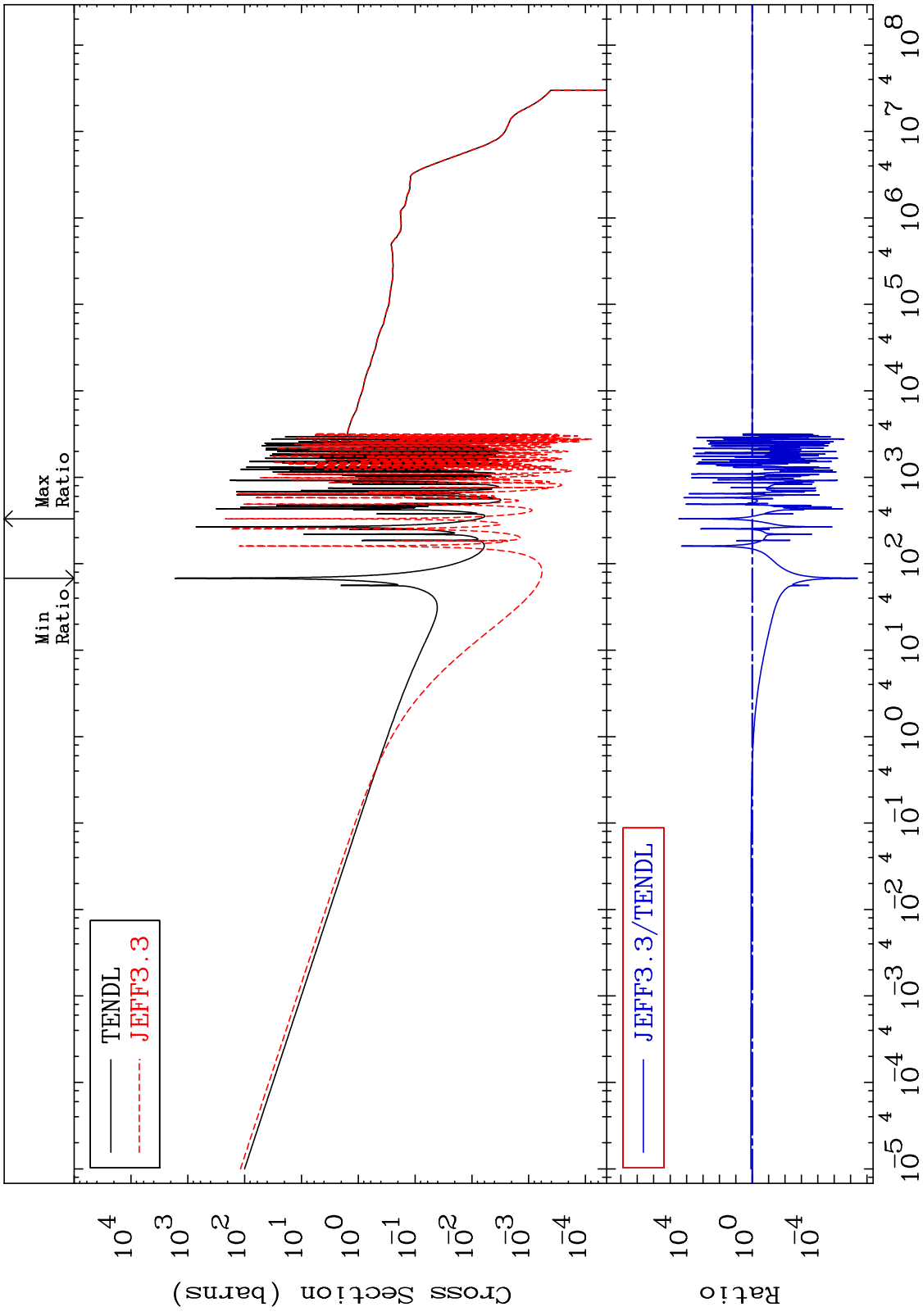
MAT 5225 MT= 80 (n,n') Level Cross Section 52-Te-120 -0.094 To 0.000 %



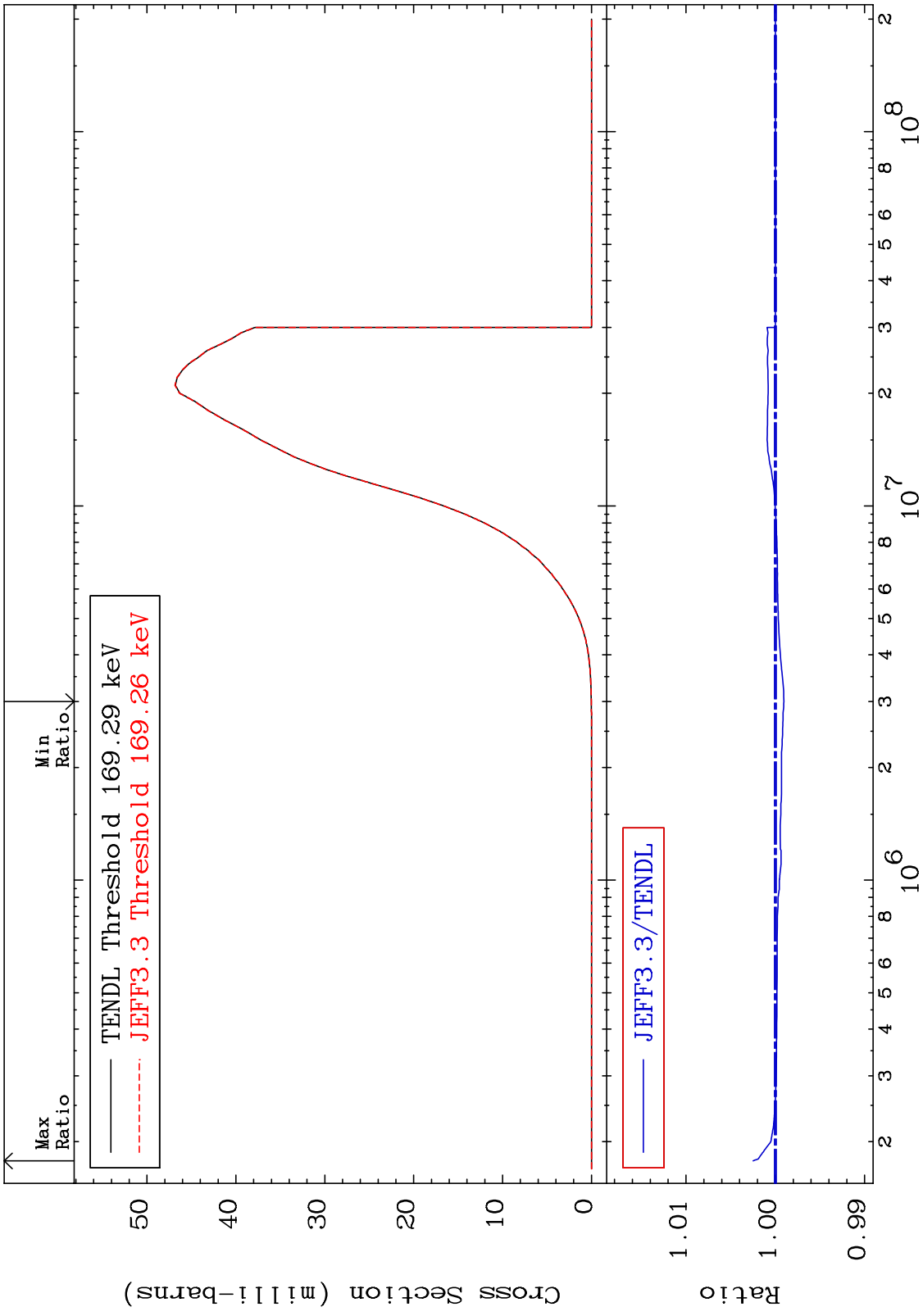
MAT 5225 (n, n') Continuum Cross Section 52-Te-120 -0.042 To 0.801 %



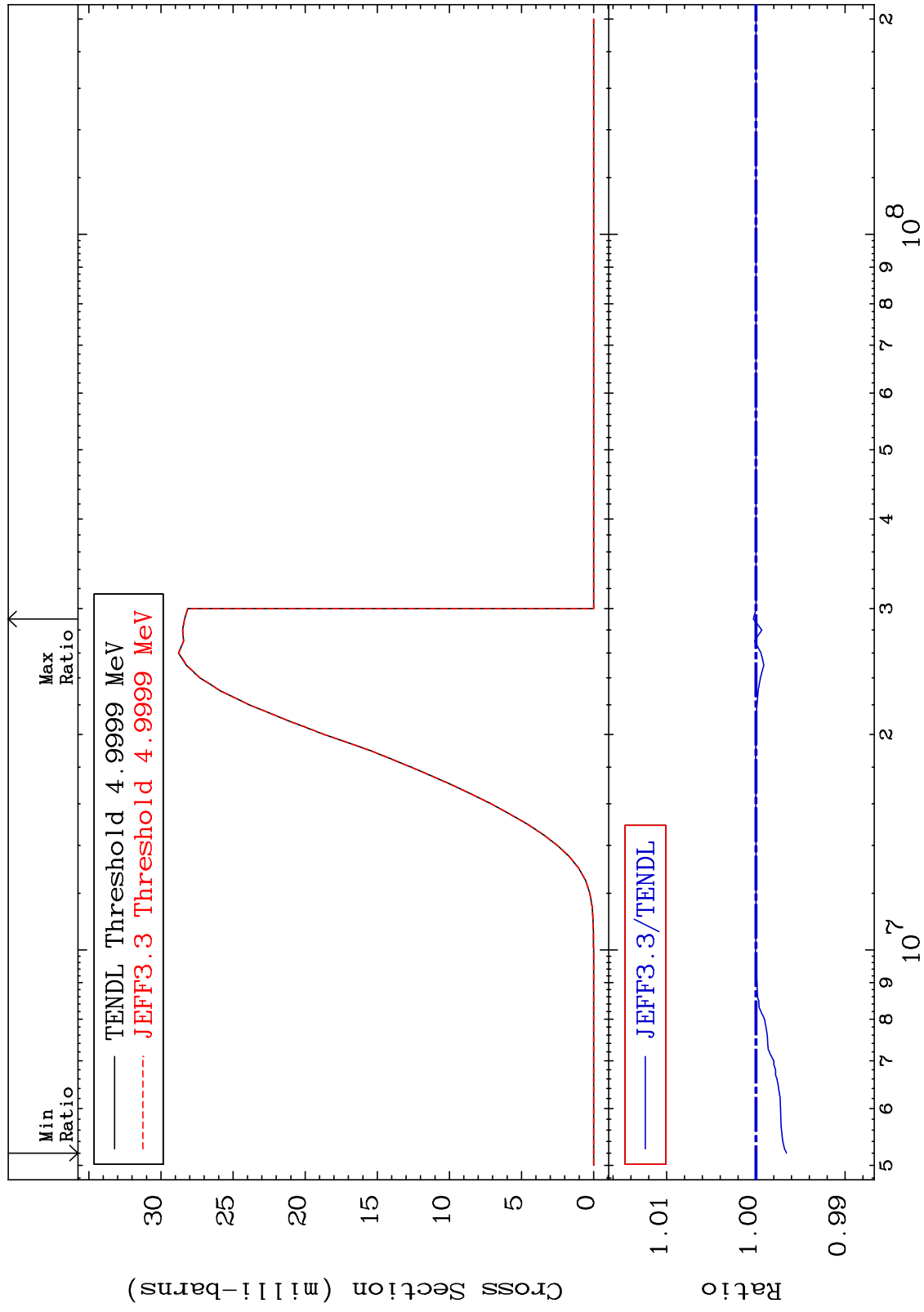
MAT 5225 (n, γ) 52-Te-120
 -100.0 To 9999. %



MAT 5225 (n,p) Cross Section 52-Te-120
 -0.095 To 0.249 %

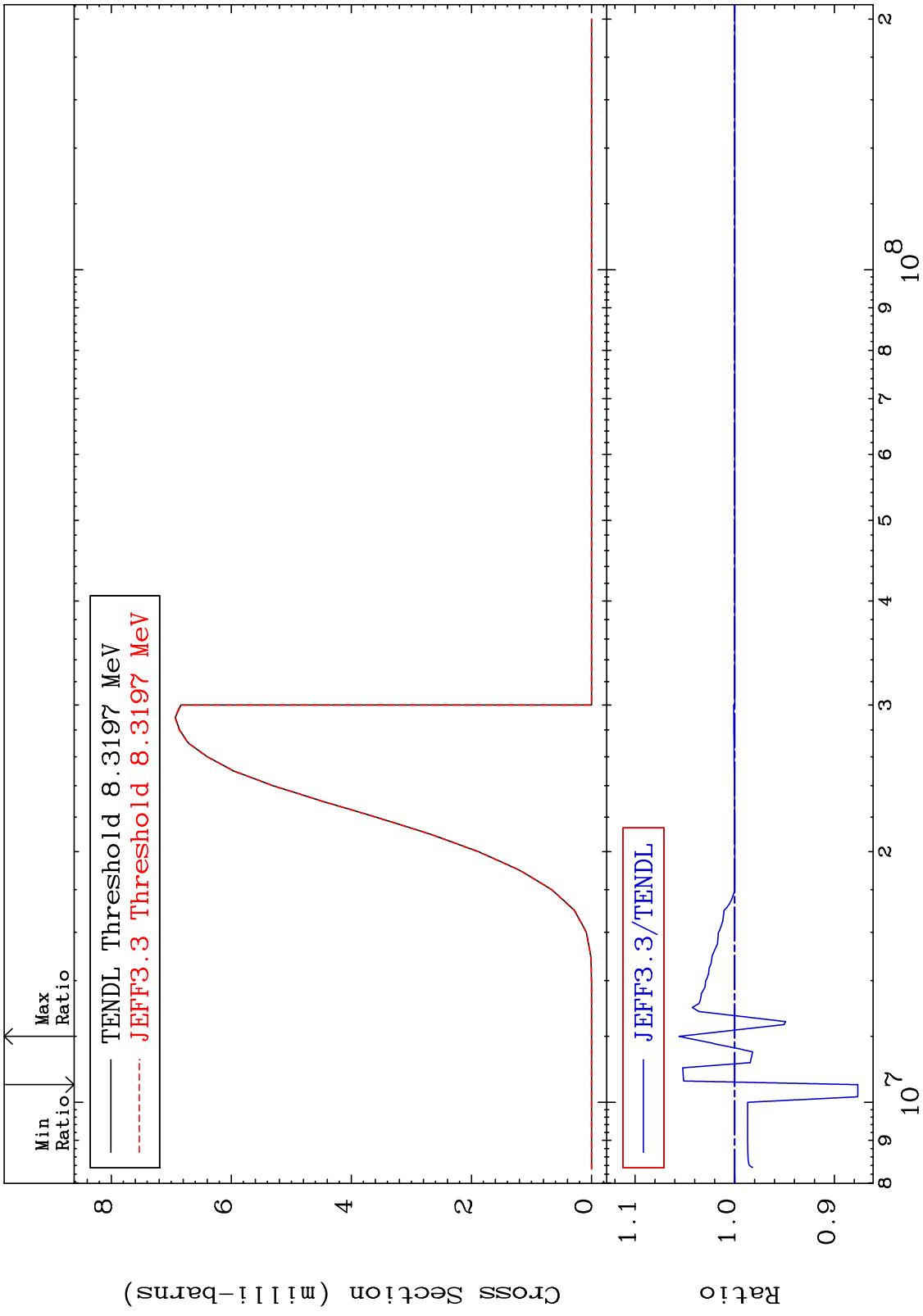


MAT 5225 (n,d) 52-Te-120
Cross Section -0.344 To 0.028 %

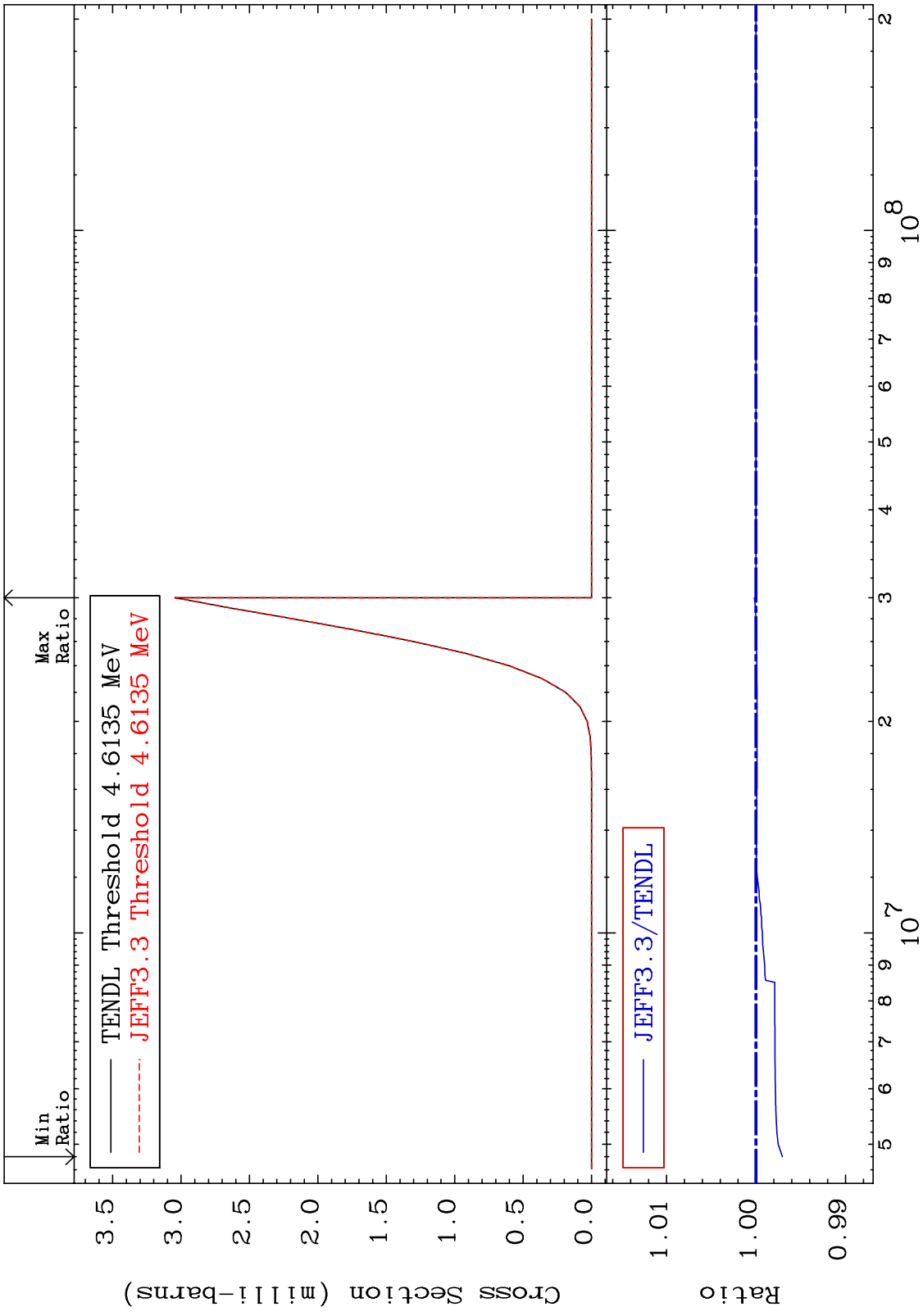


53 52-Te-120

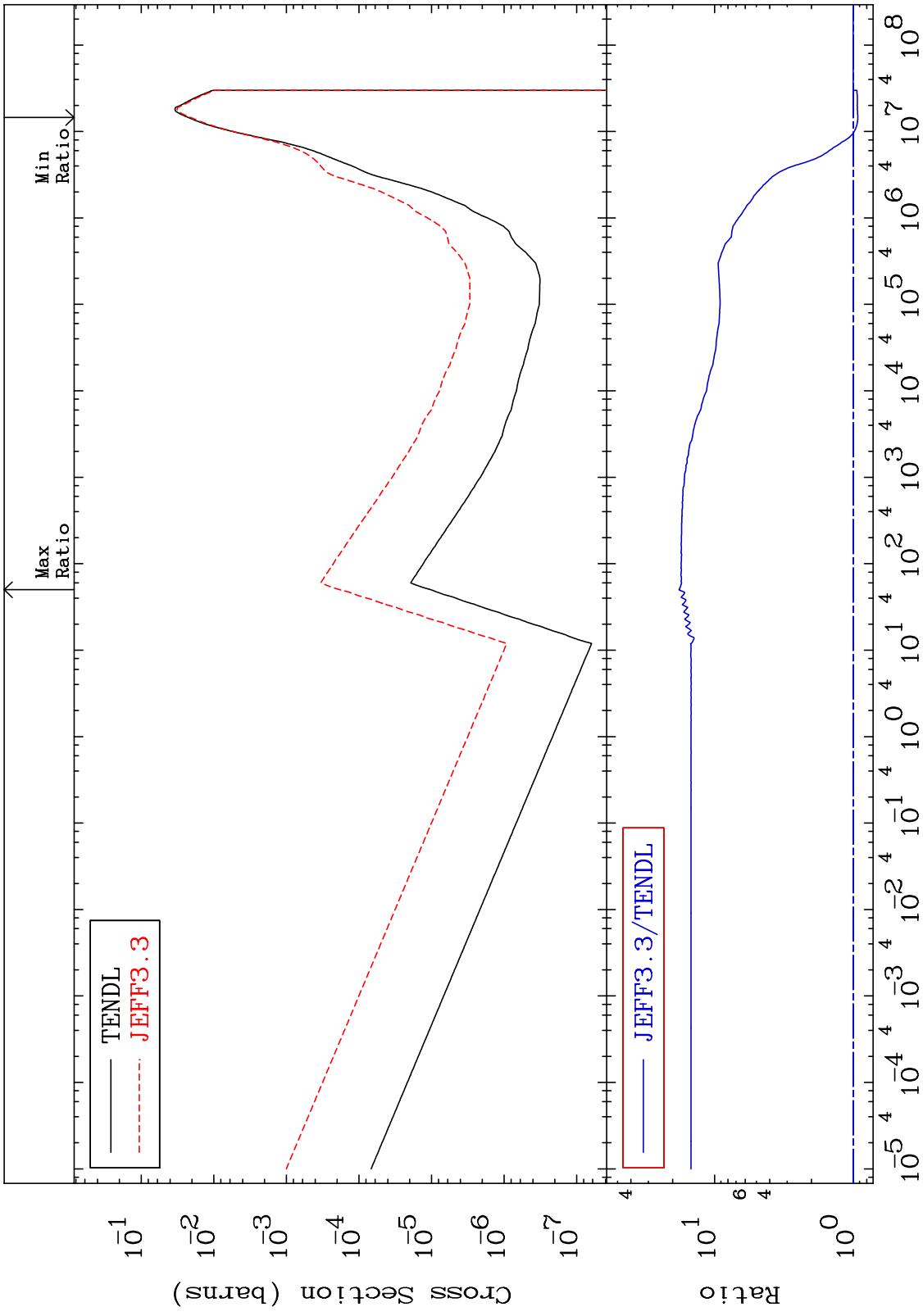
MAT 5225 (n,t) Cross Section 52-Te-120 -12.36 To 5.577 %



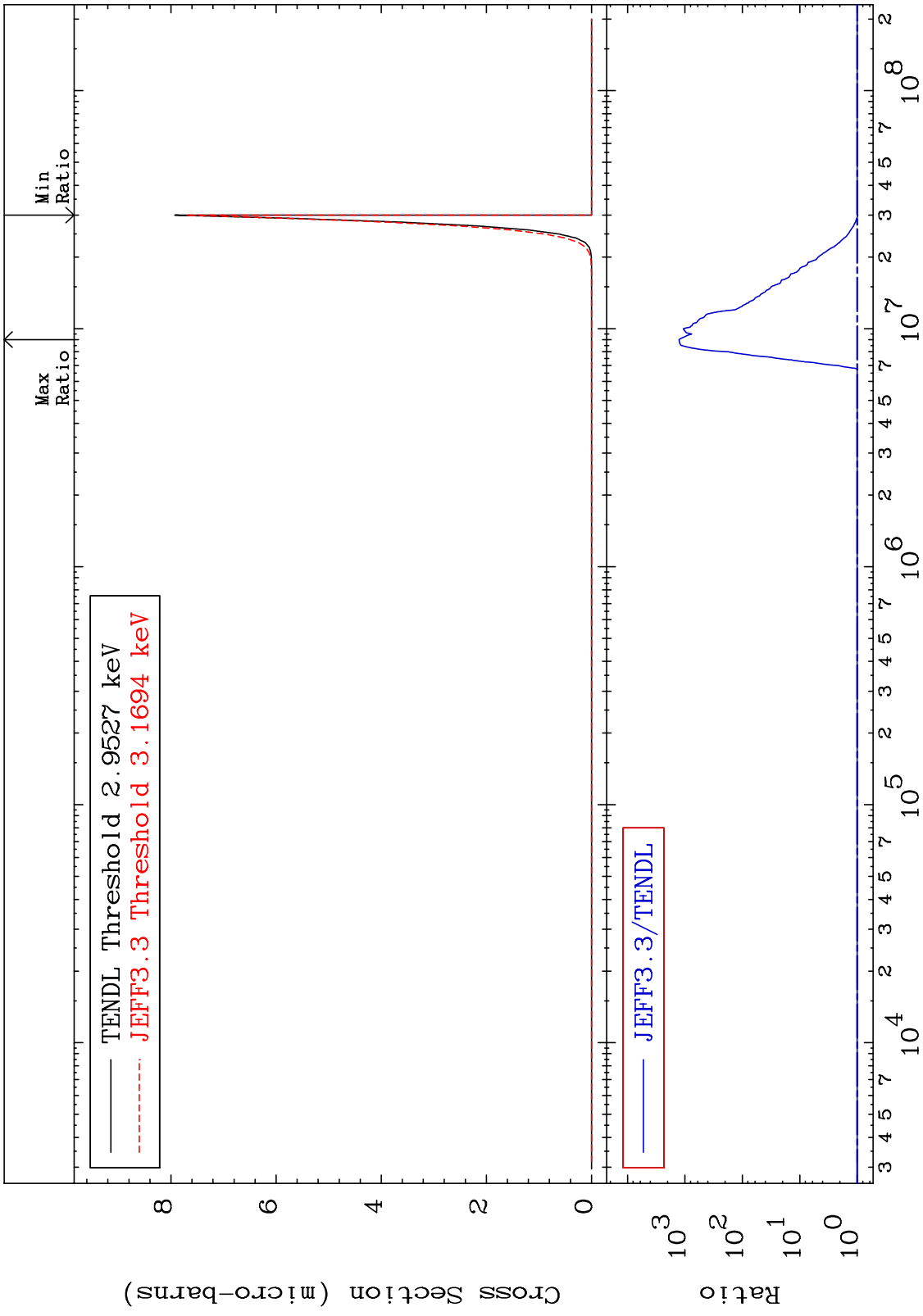
MAT 5225 (n, He-3) Cross Section 52-Te-120 -0.295 To 0.017 %



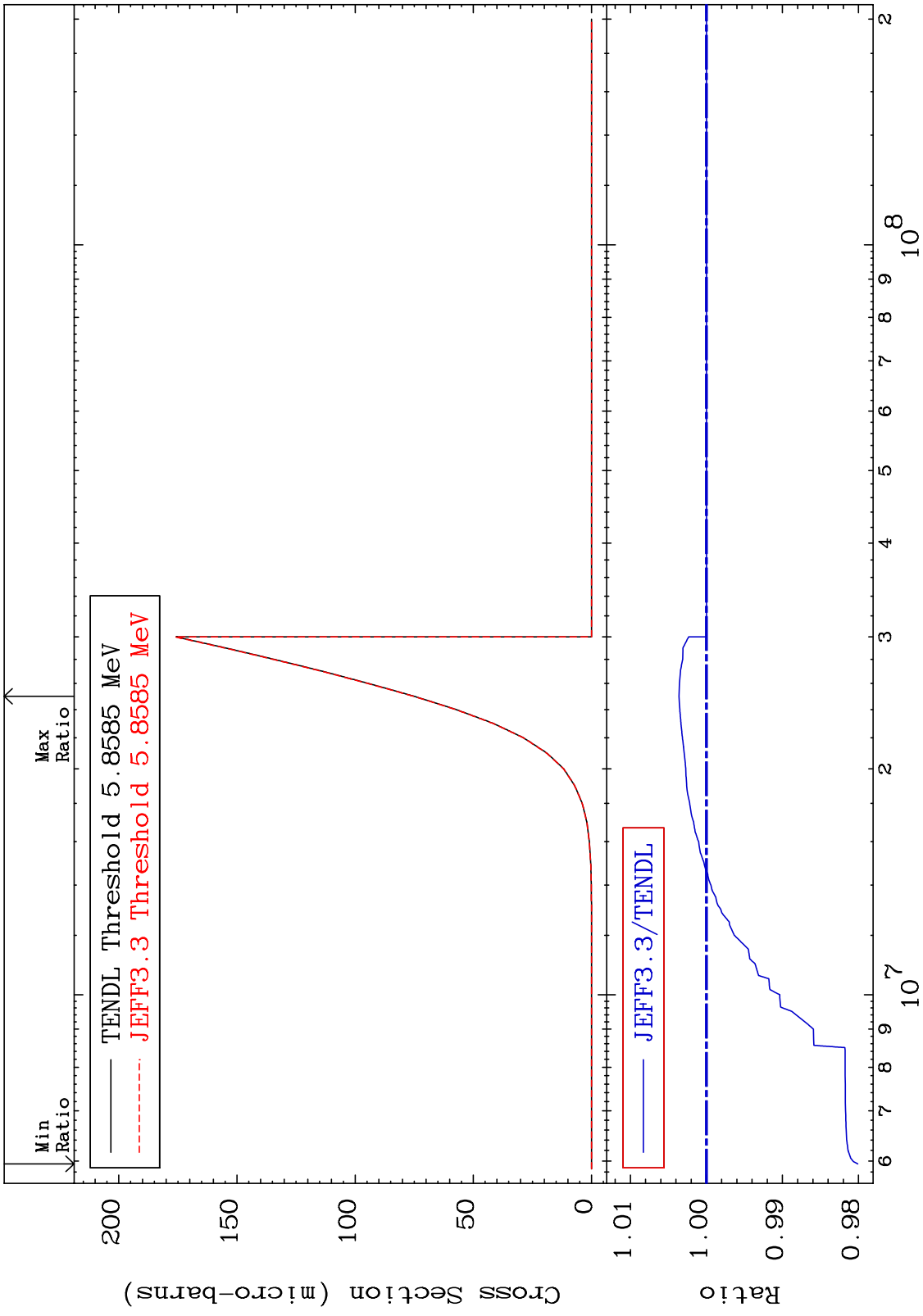
MAT 5225 $^{52}\text{Te-120}$ (n, α) Cross Section -7.257 To 1701. %



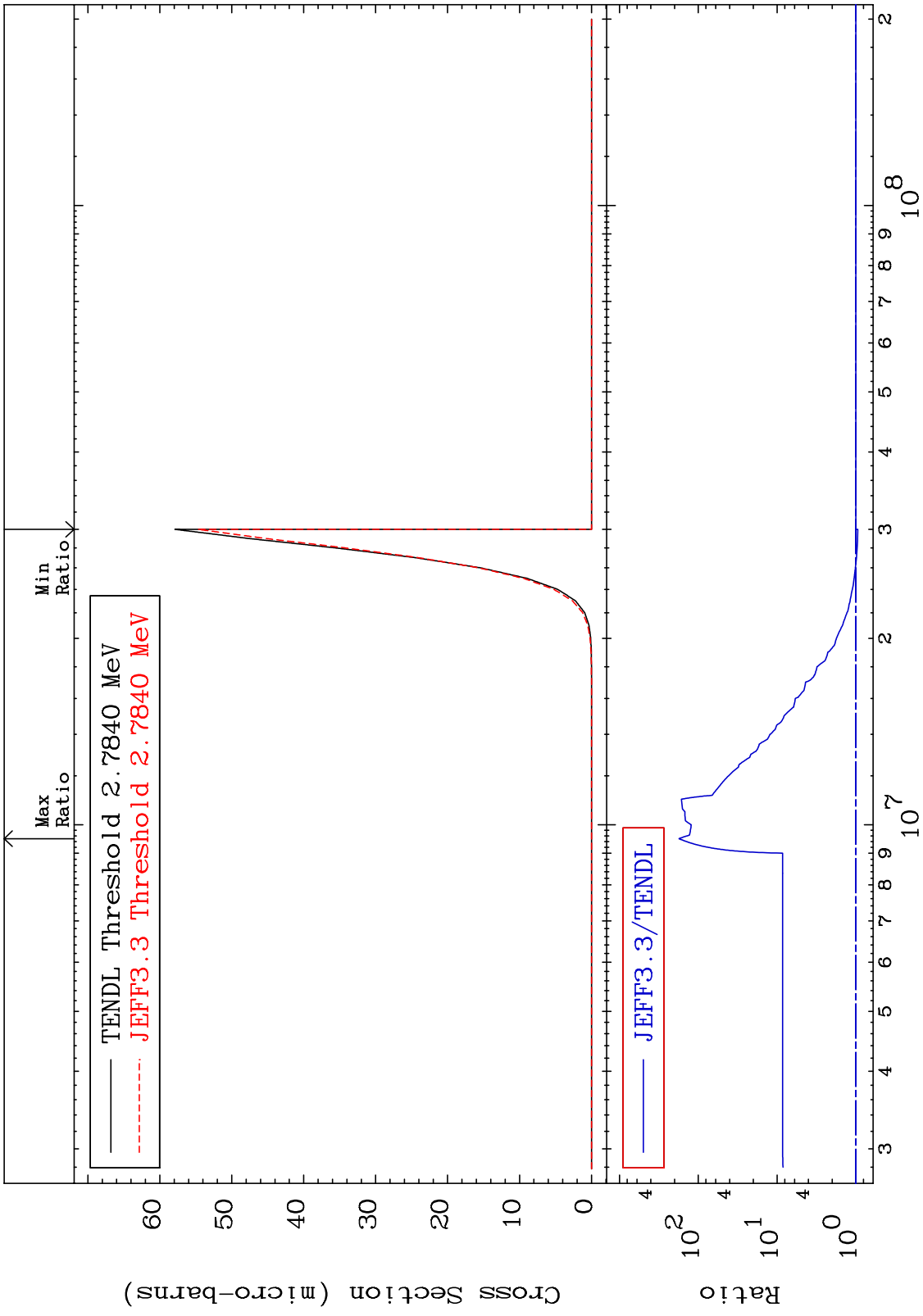
MAT 5225 (n,2α) Cross Section 52-Te-120
 -2.638 To 9999. %



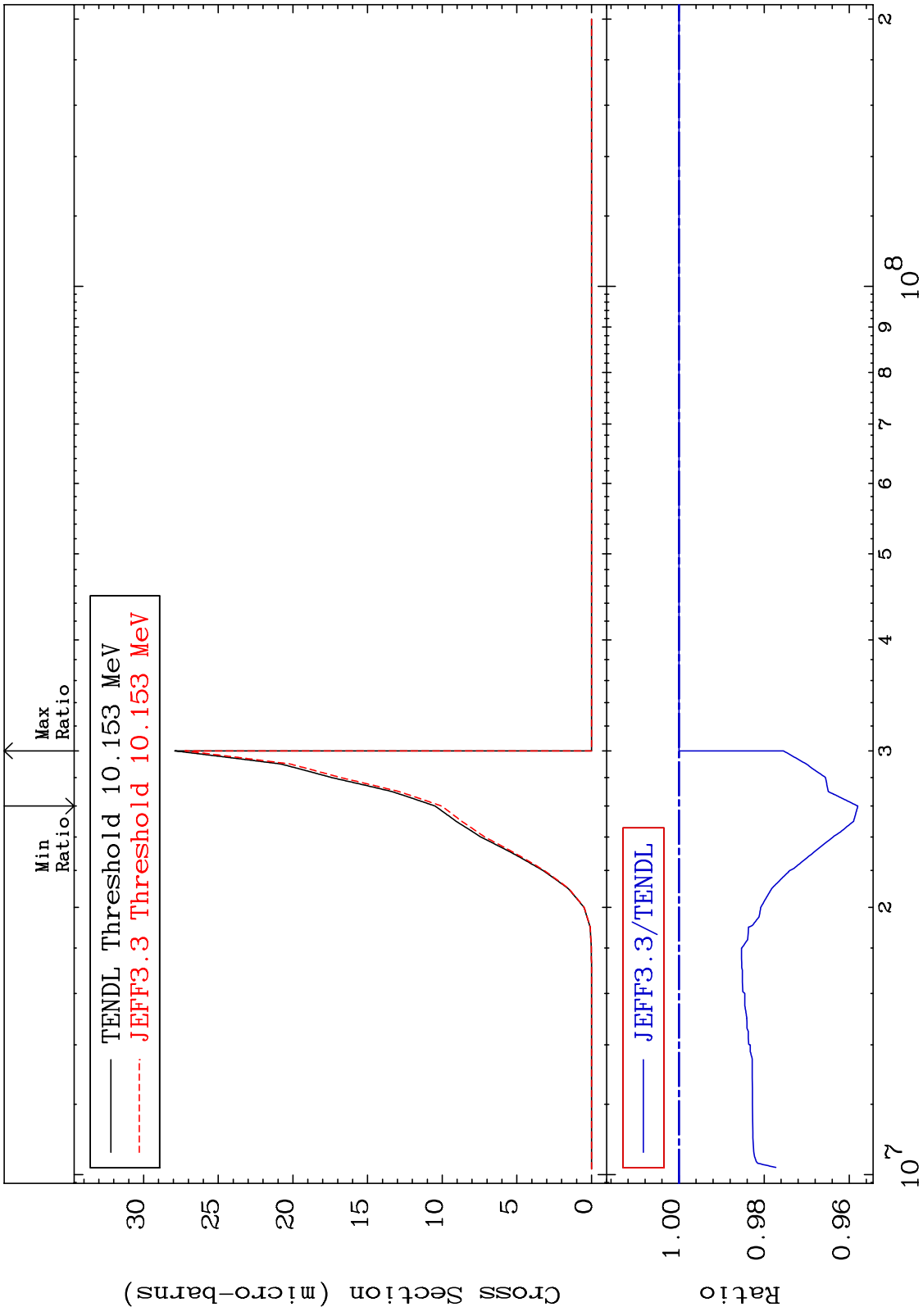
MAT 5225 (n,2p) Cross Section 52-Te-120 -1.991 To 0.360 %



MAT 5225 $(n, p) \alpha$ $^{52}\text{Te-120}$
 Cross Section -5.500 To 9999. %

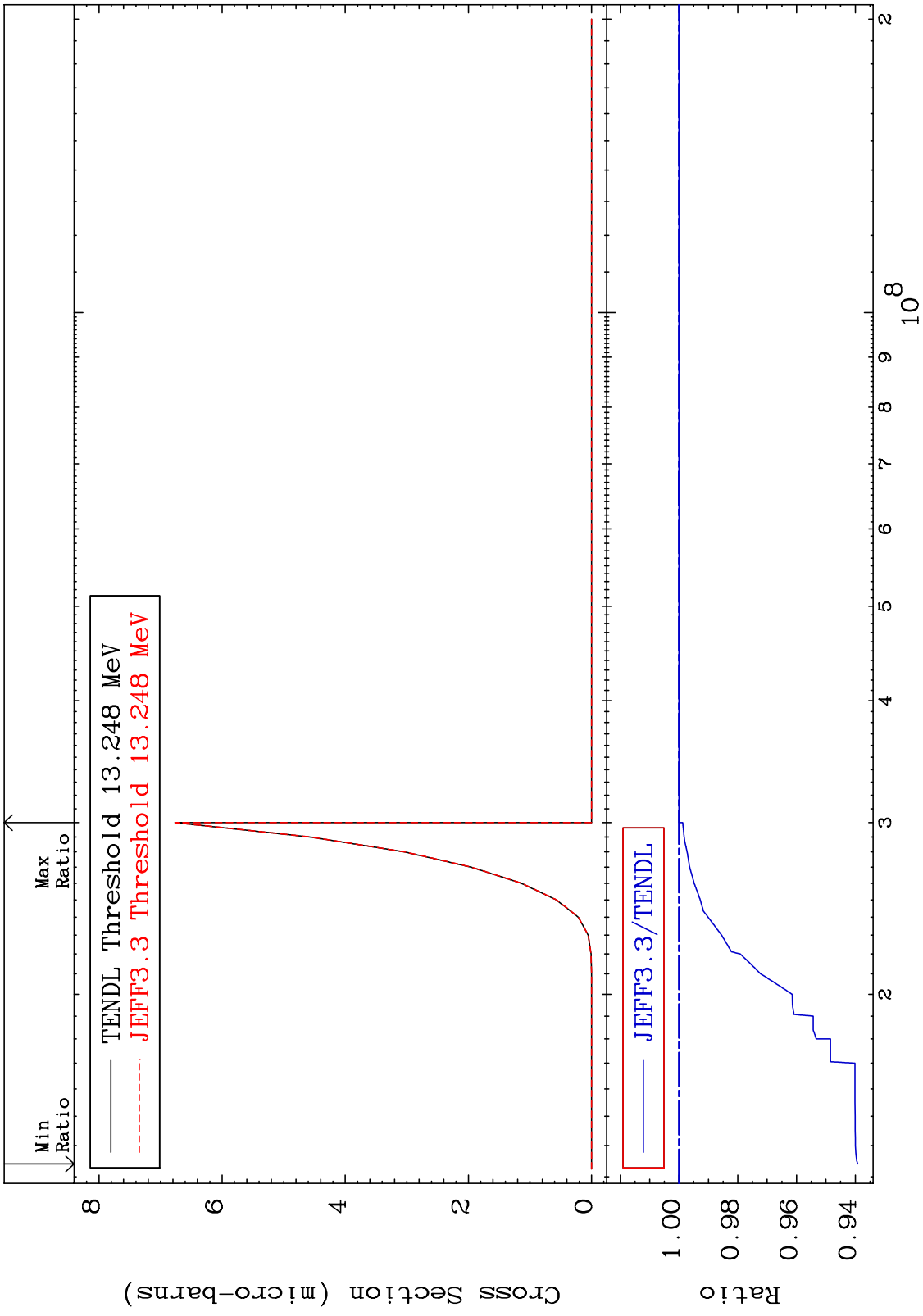


MAT 5225 (n,p) d 52-Te-120
Cross Section -4.203 To 0.000 %

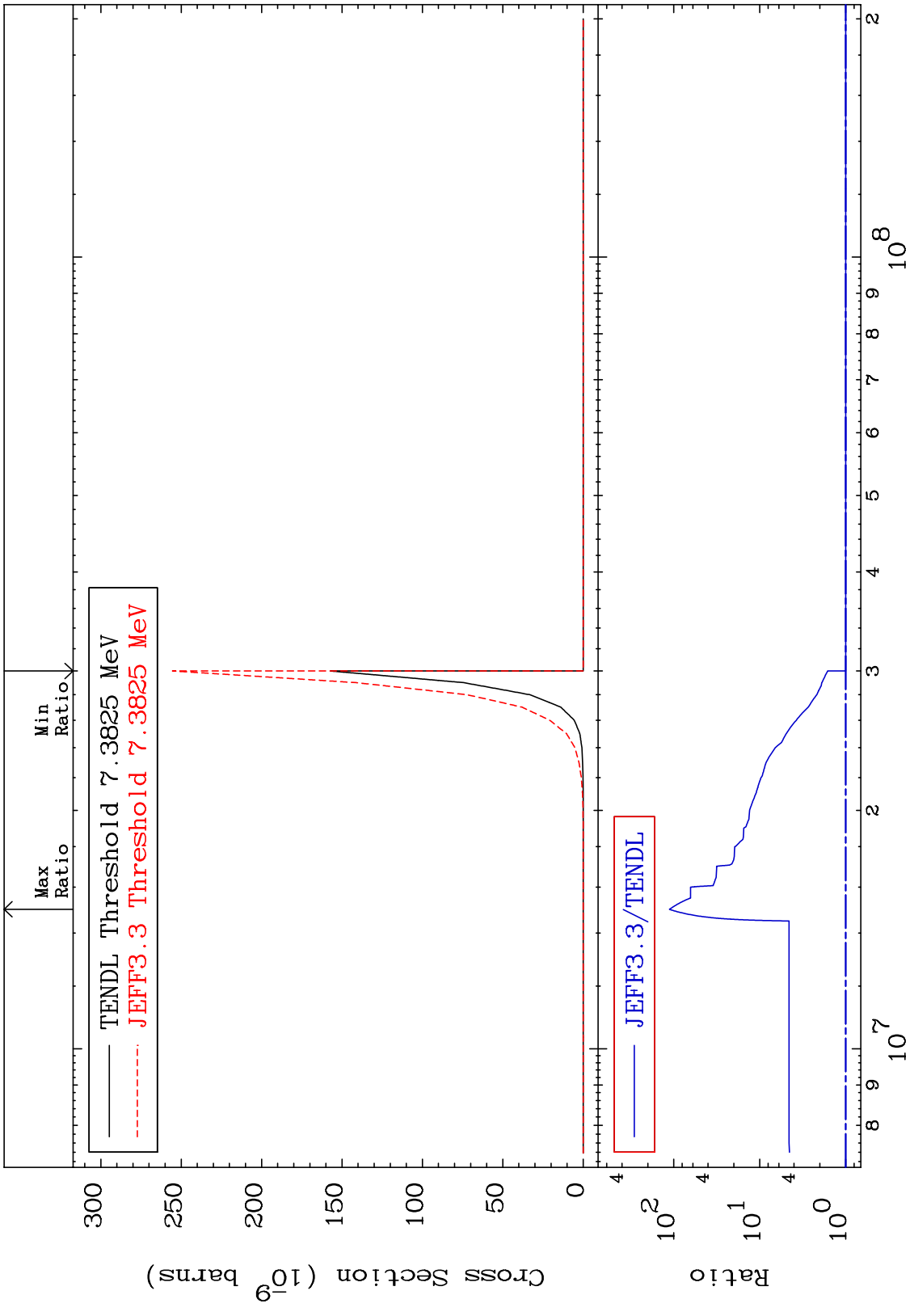


52-Te-120

MAT 5225 (n,p) t 52-Te-120
 Cross Section -6.087 To 0.000 %

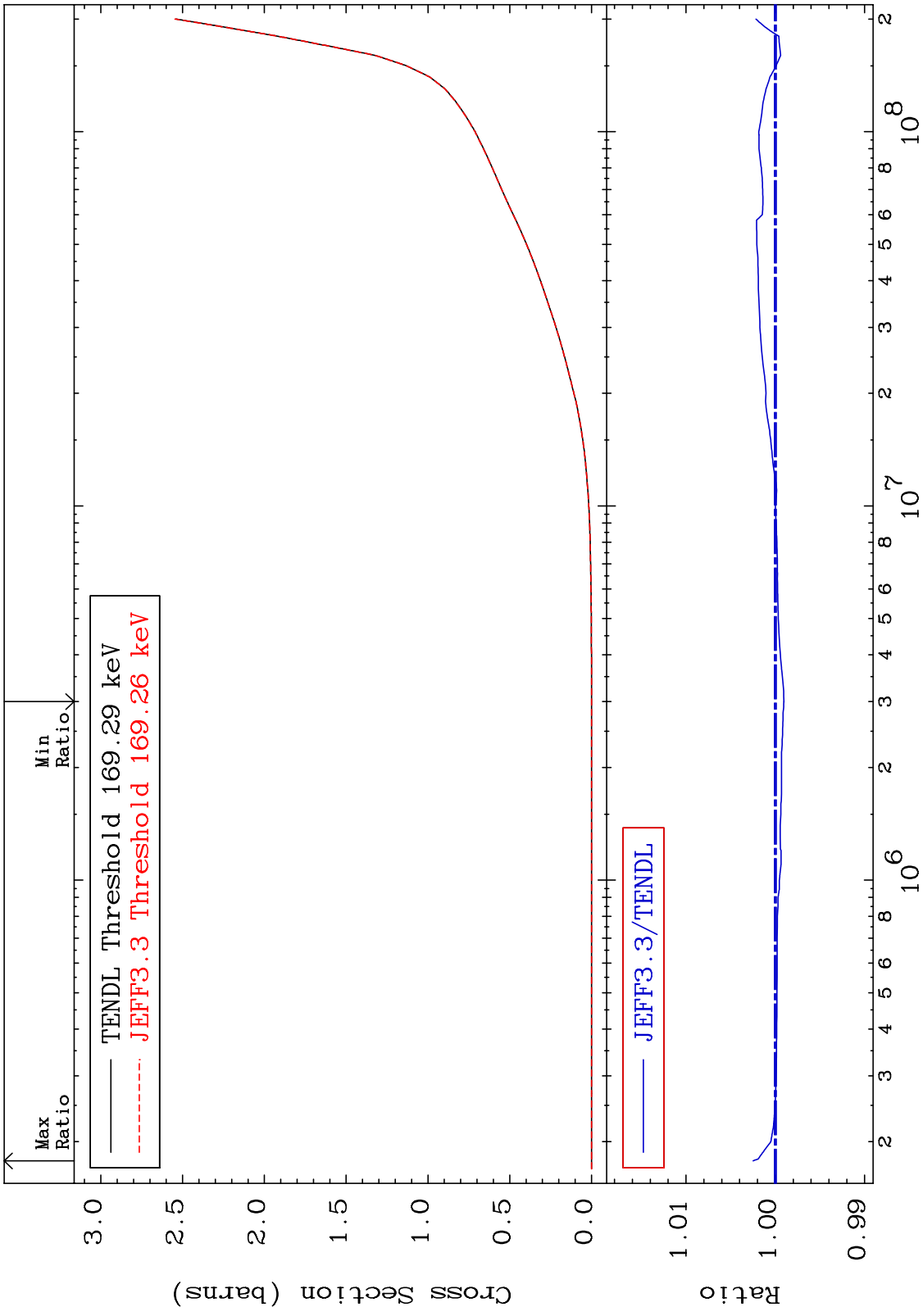


MAT 5225 (n,d) α 52-Te-120
 Cross Section To 9999. %
 0.000

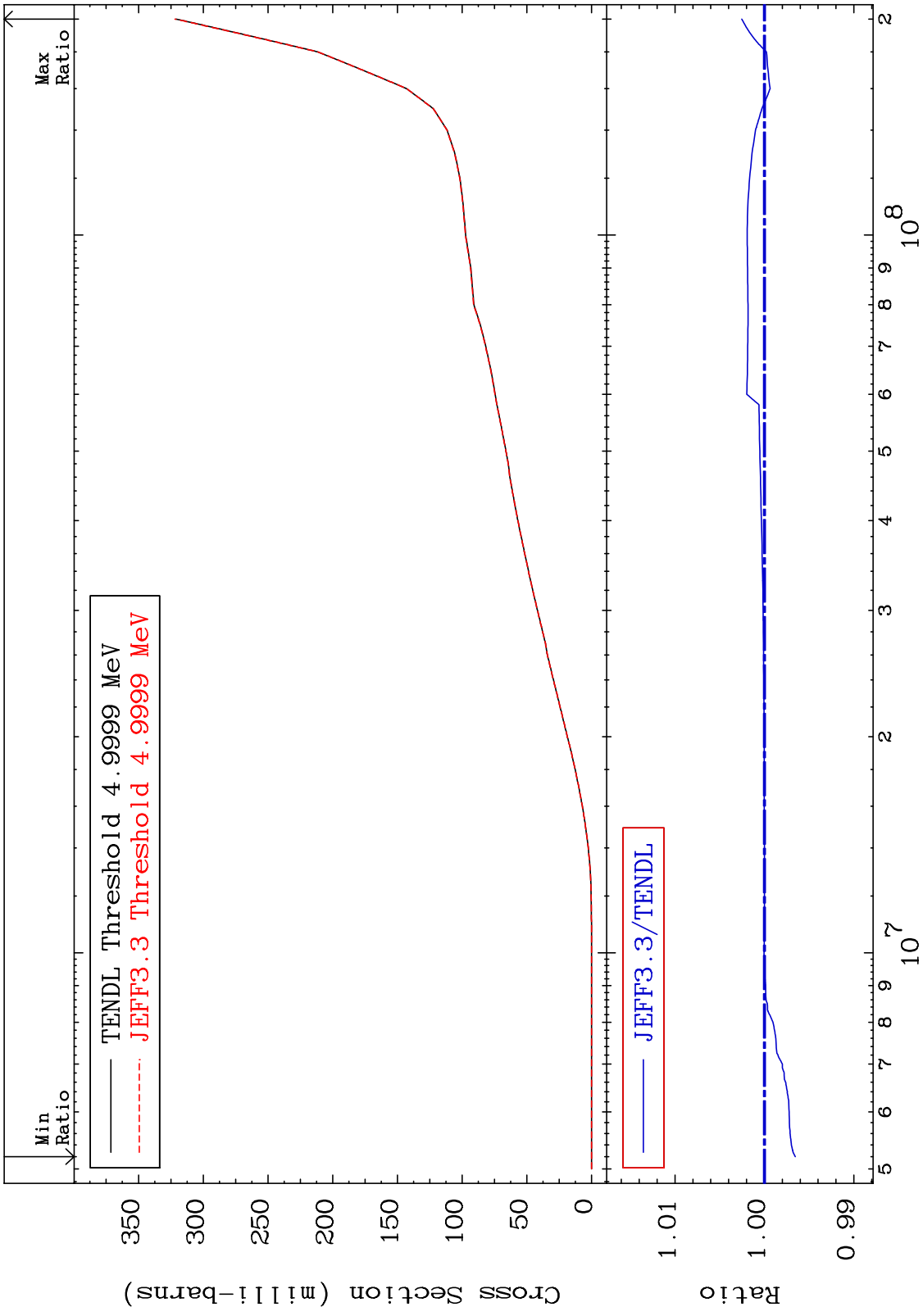


62 52-Te-120

MAT 5225 Hydrogen Production Cross Section 52-Te-120
 -0.095 To 0.249 %

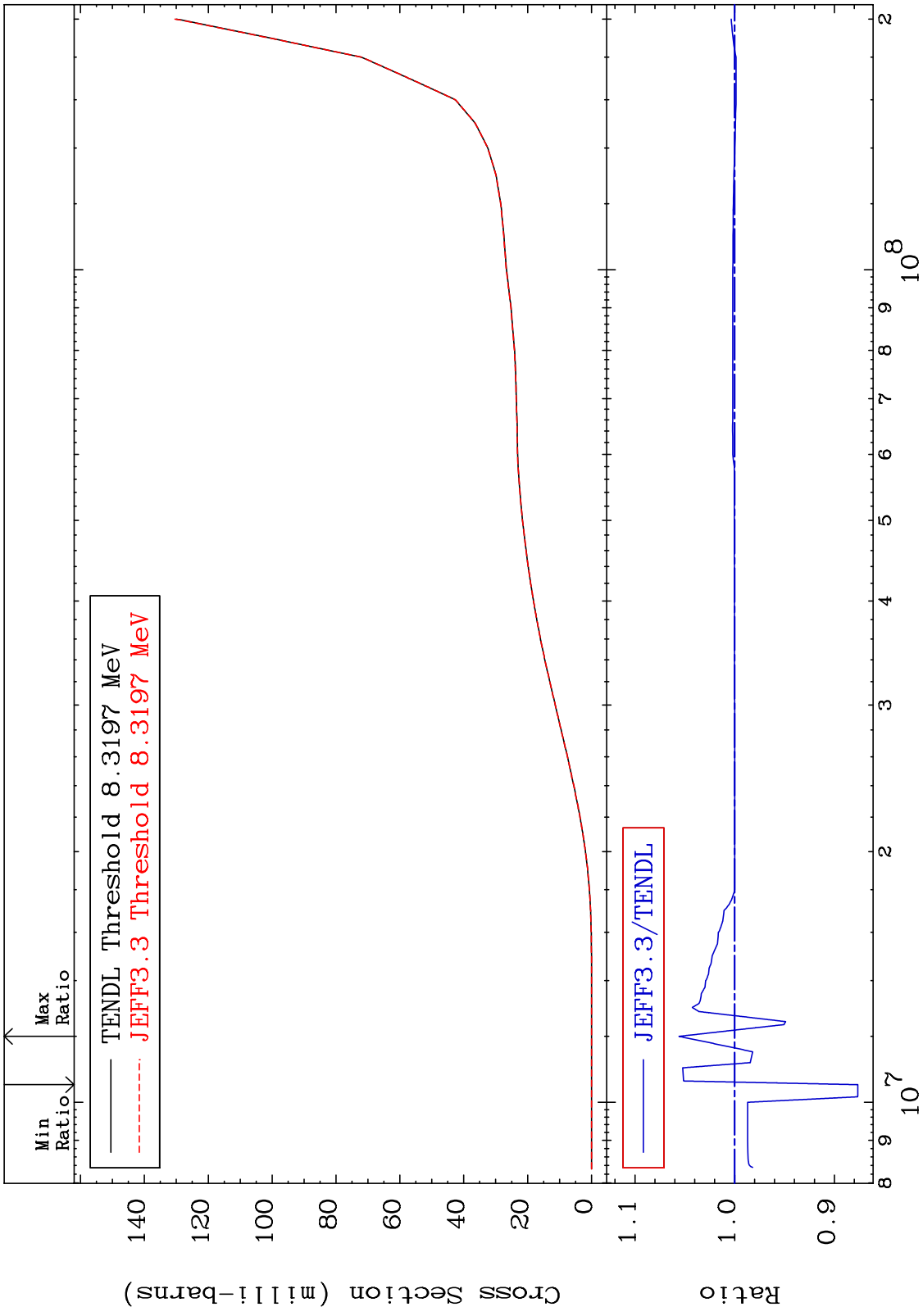


MAT 5225 Deuterium Production Cross Section 52-Te-120
 -0.344 To 0.254 %

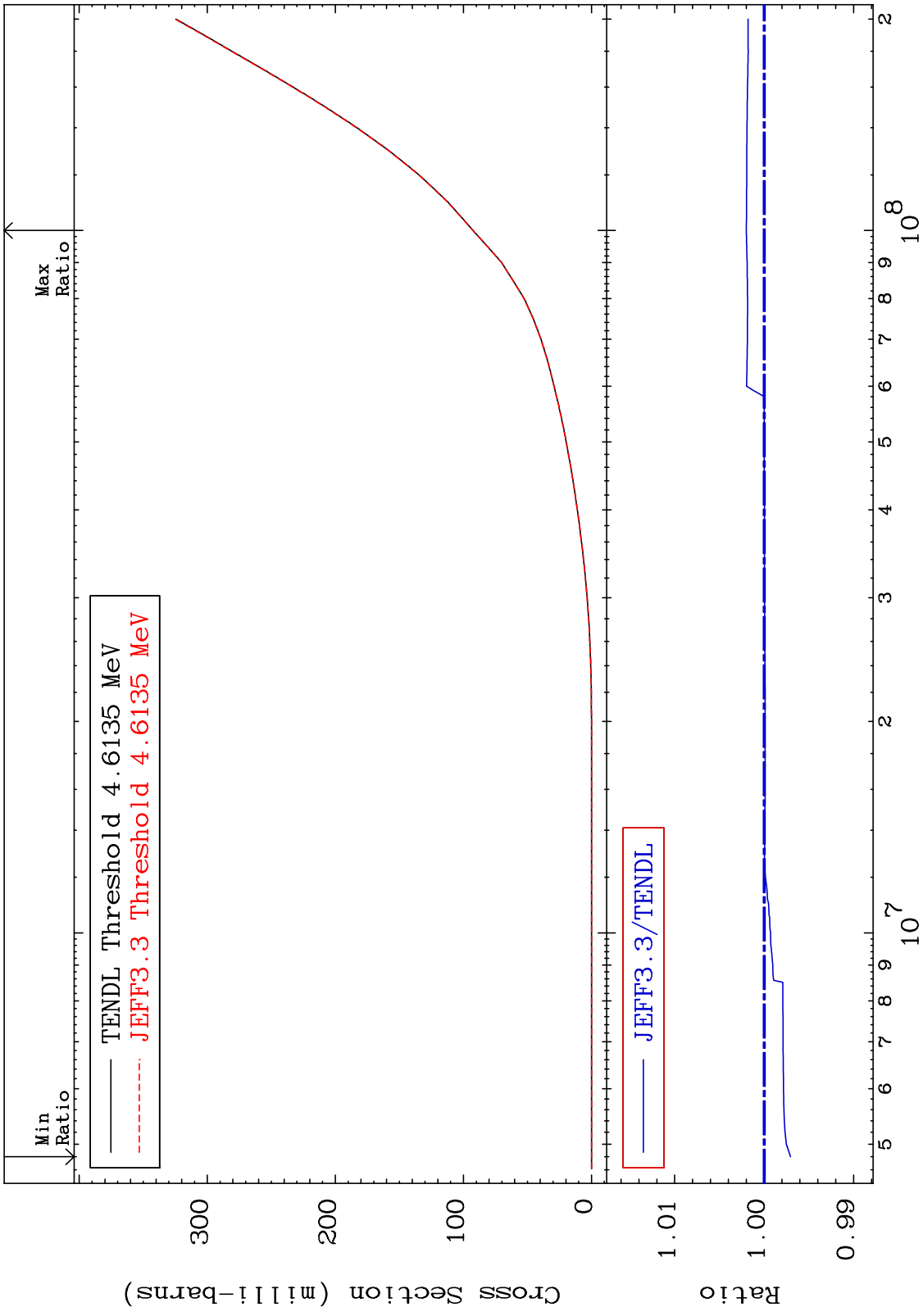


64 52-Te-120

MAT 5225 Tritium Production Cross Section 52-Te-120 -12.36 To 5.577 %



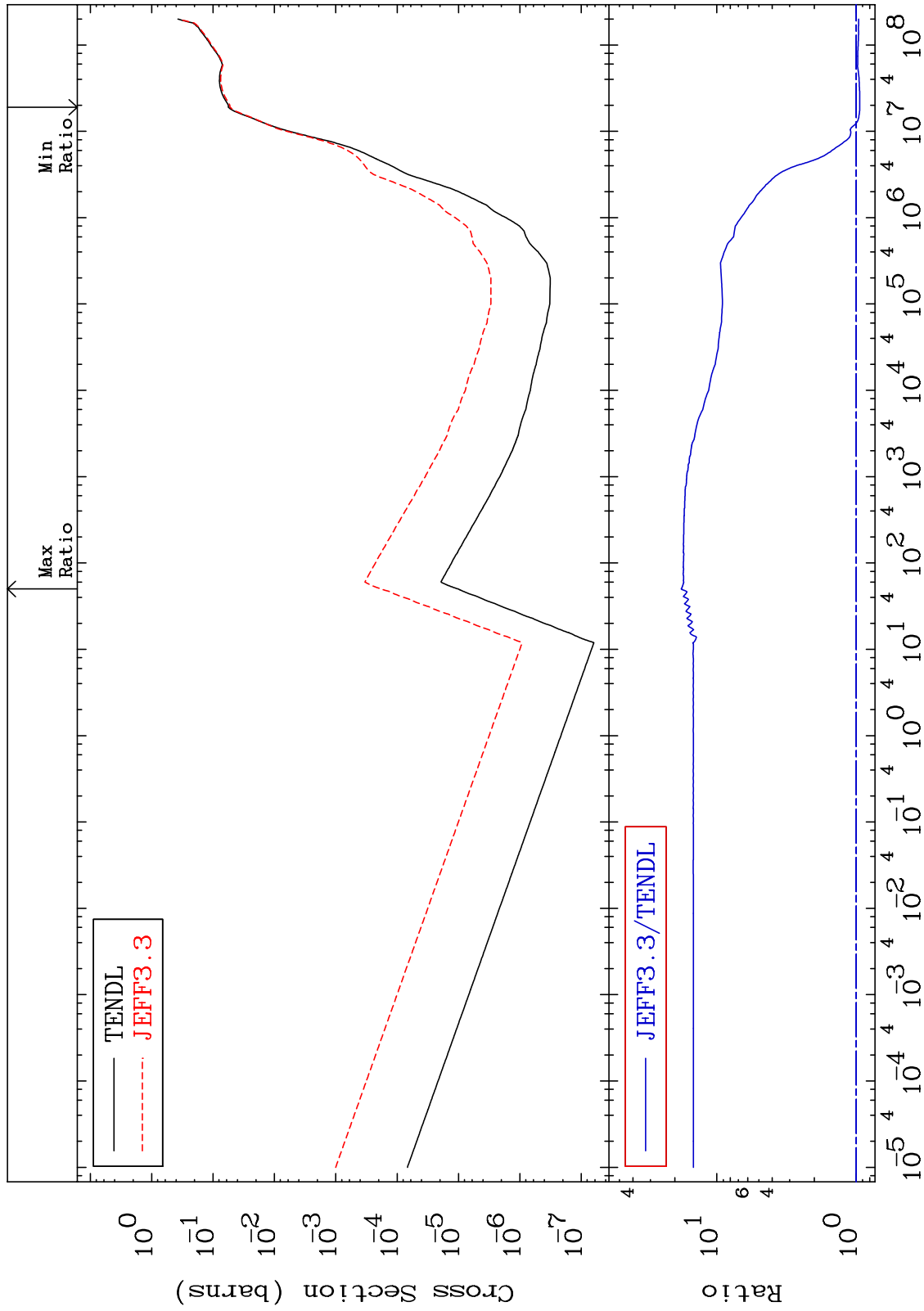
MAT 5225 He-3 Production Cross Section 52-Te-120
 -0.295 To 0.199 %



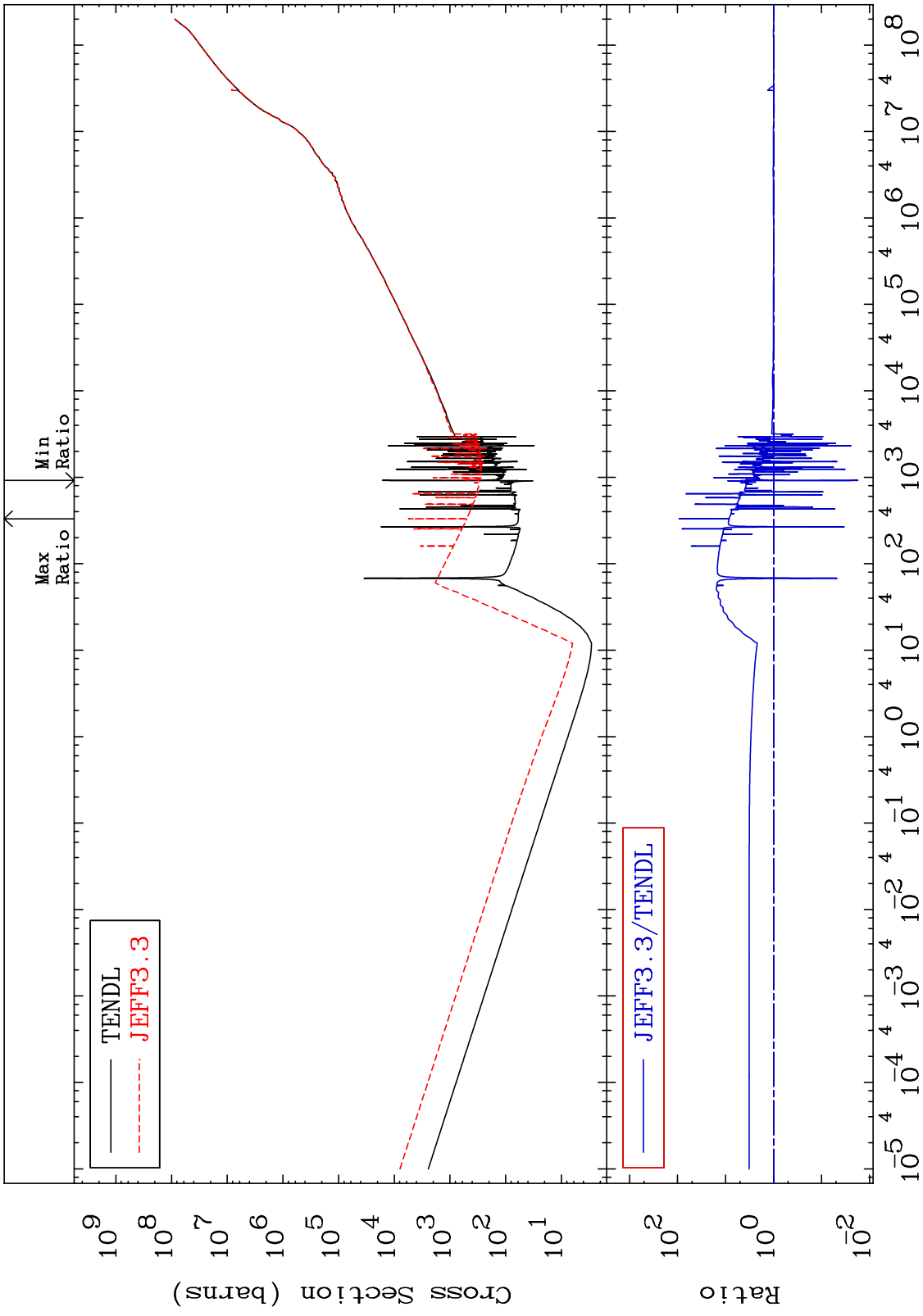
MAT 5225

He-4 Production
Cross Section

52-Te-120
-5.803 To 1701. %



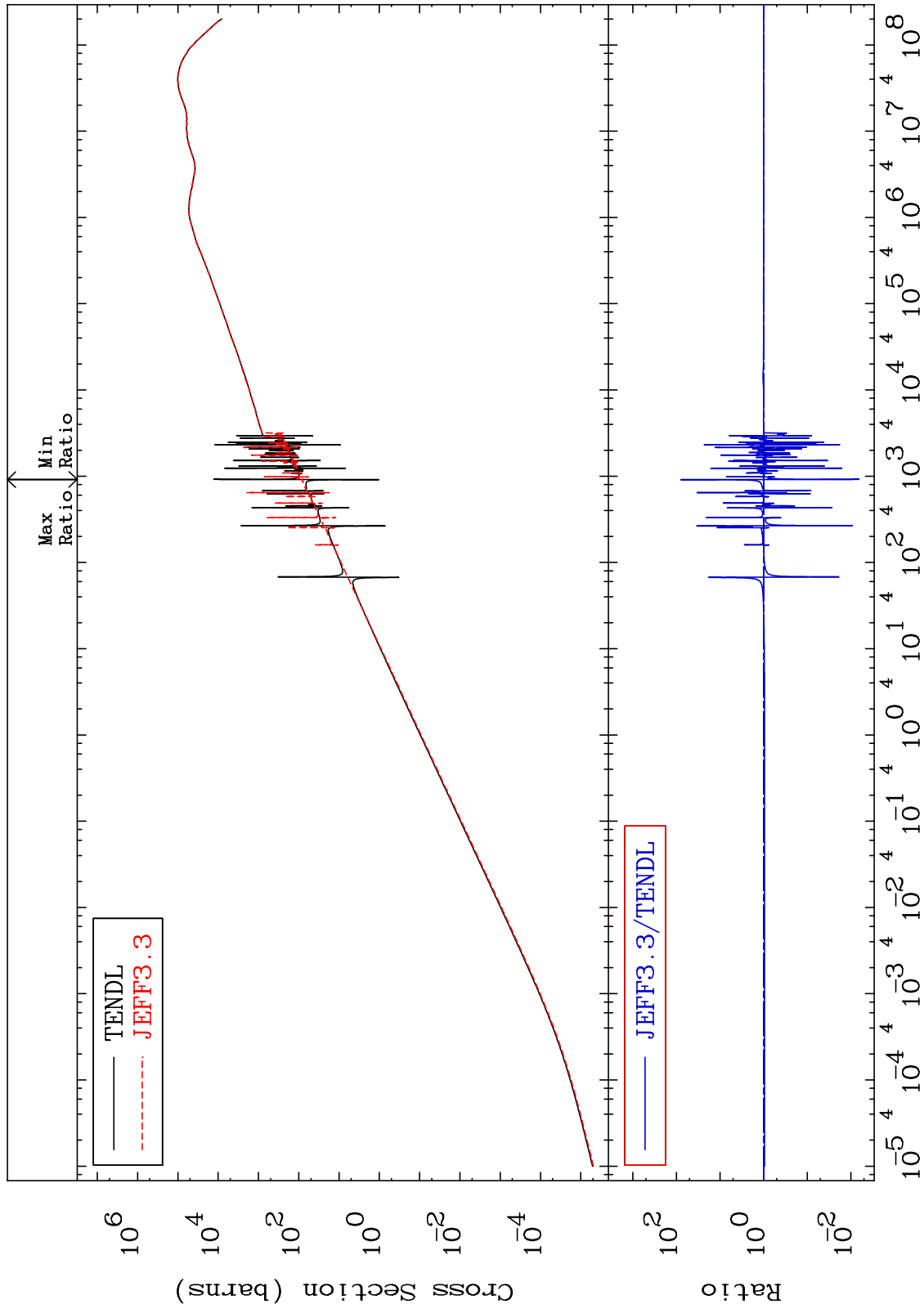
MAT 5225 Kerma total (eV-barns) 52-Te-120
 Cross Section -98.25 To 9208. %



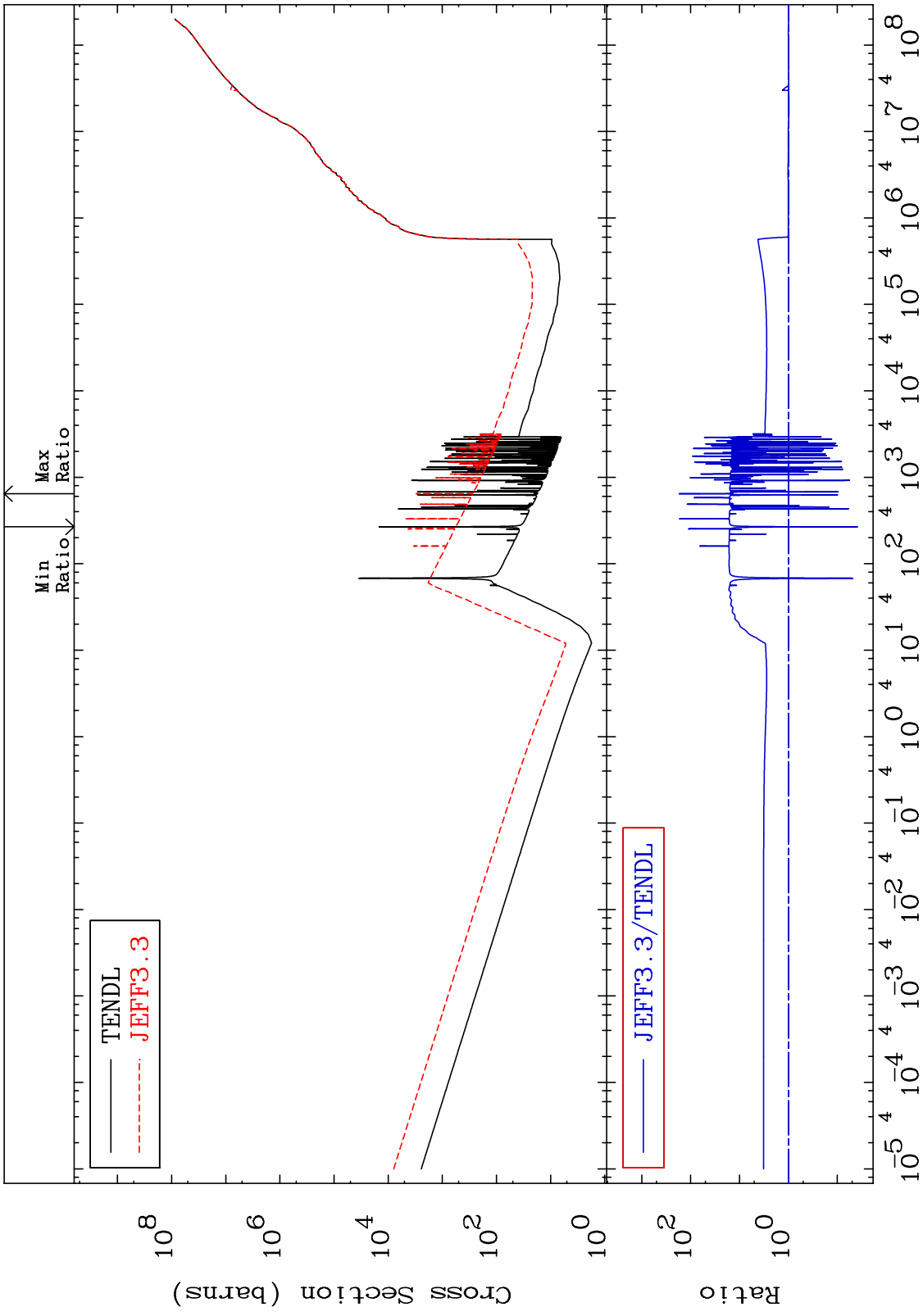
MAT 5225

Kerma elastic
Cross Section

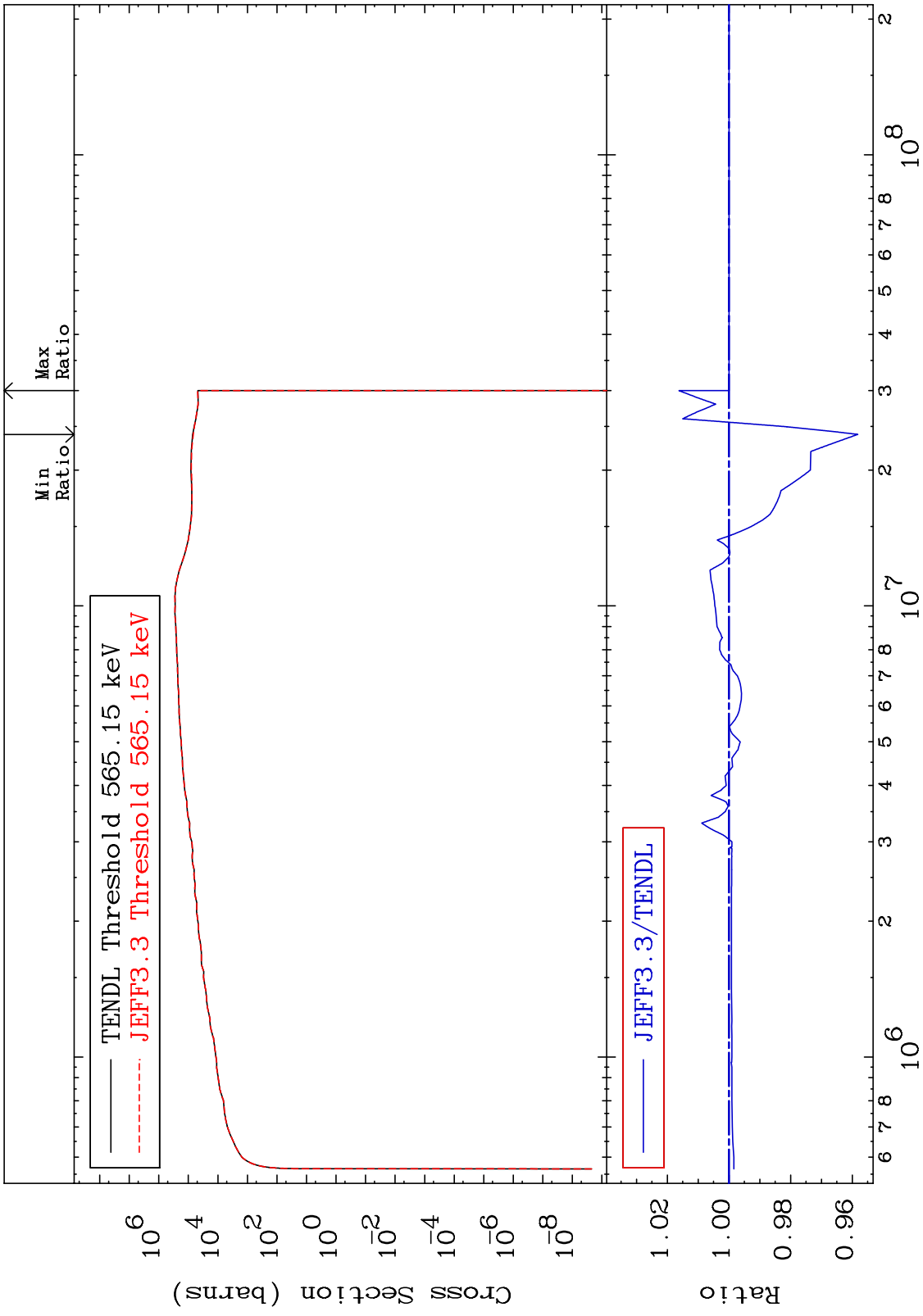
52-Te-120
-99.35 To 7908. %



MAT 5225 Kerma non-elastic (all but mt2) 52-Te-120
 Cross Section -96.19 To 9999. %



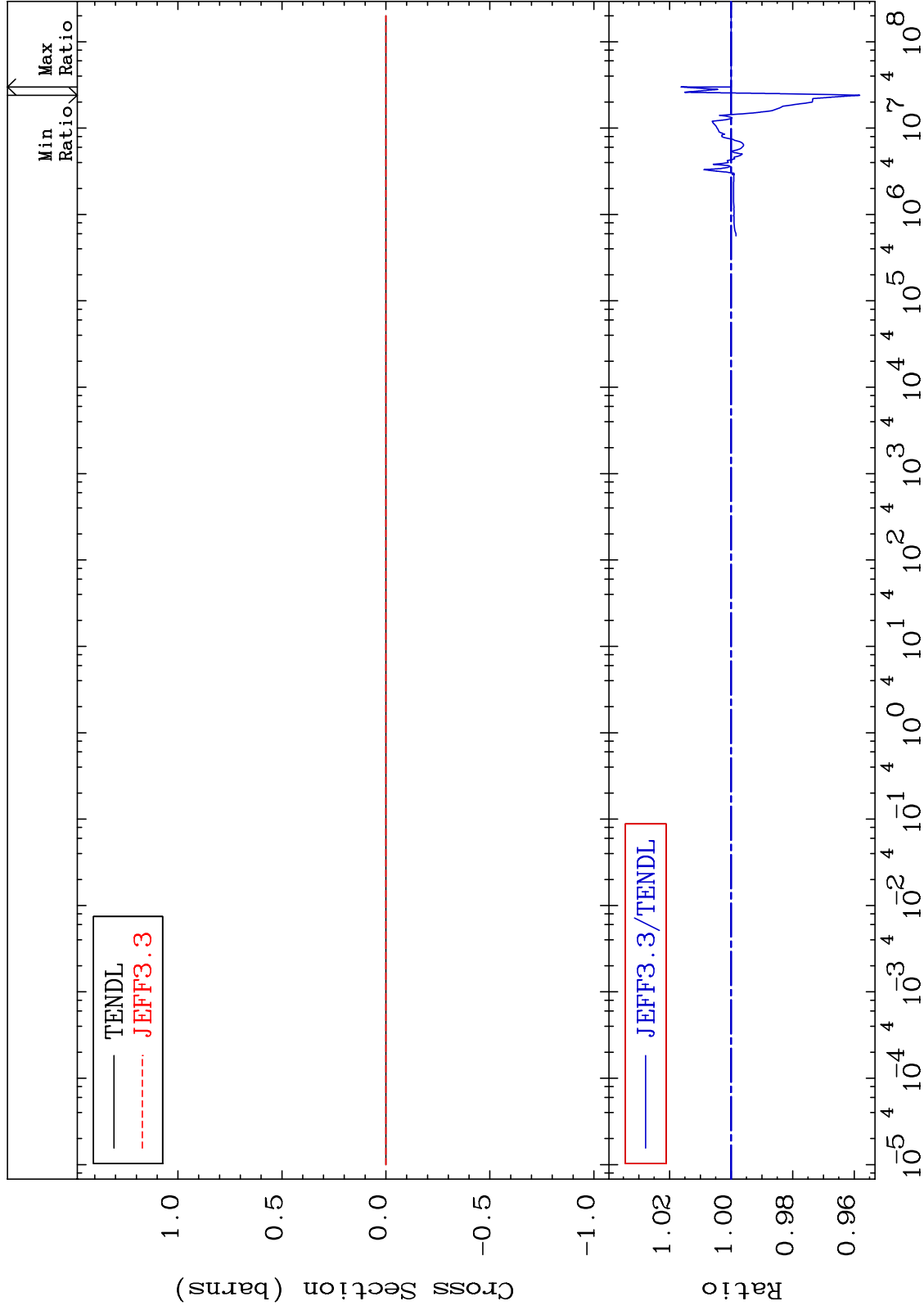
MAT 5225 Kerma inelastic (mt51-91) 52-Te-120
 -4.180 To 1.620 %



MAT 5225

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

52-Te-120
-4.180 To 1.620 %

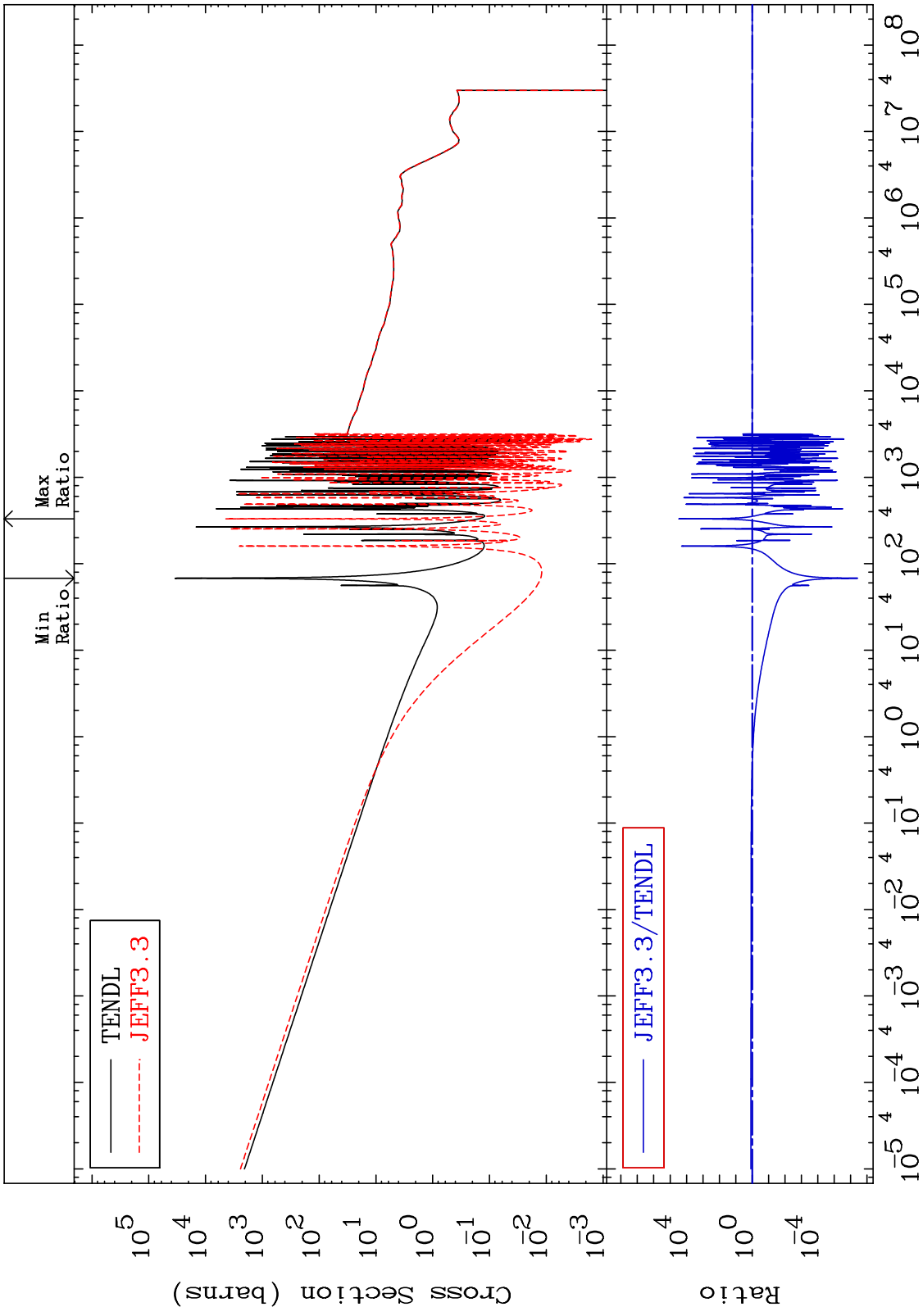


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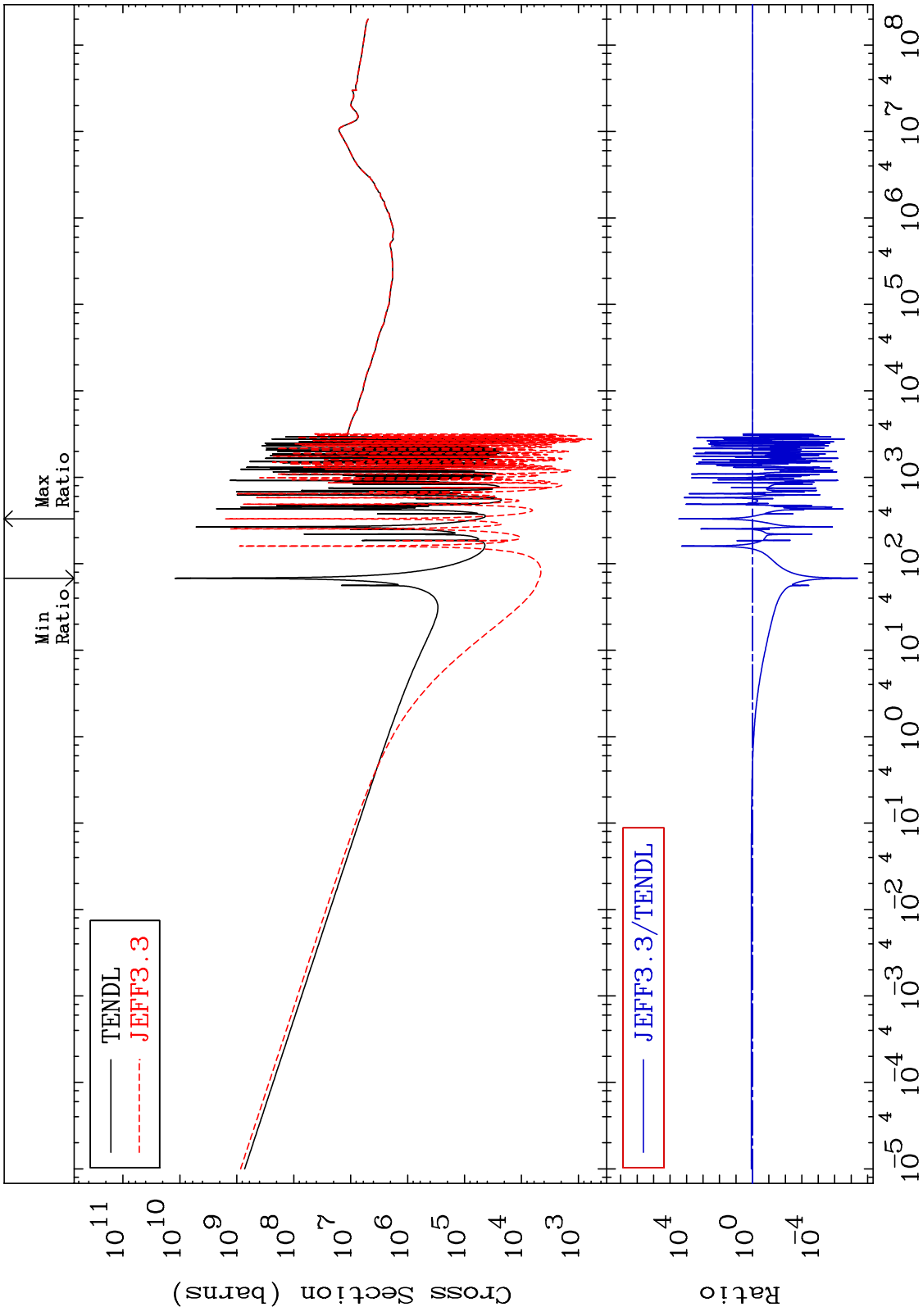
Incident Energy (eV)

52-Te-120

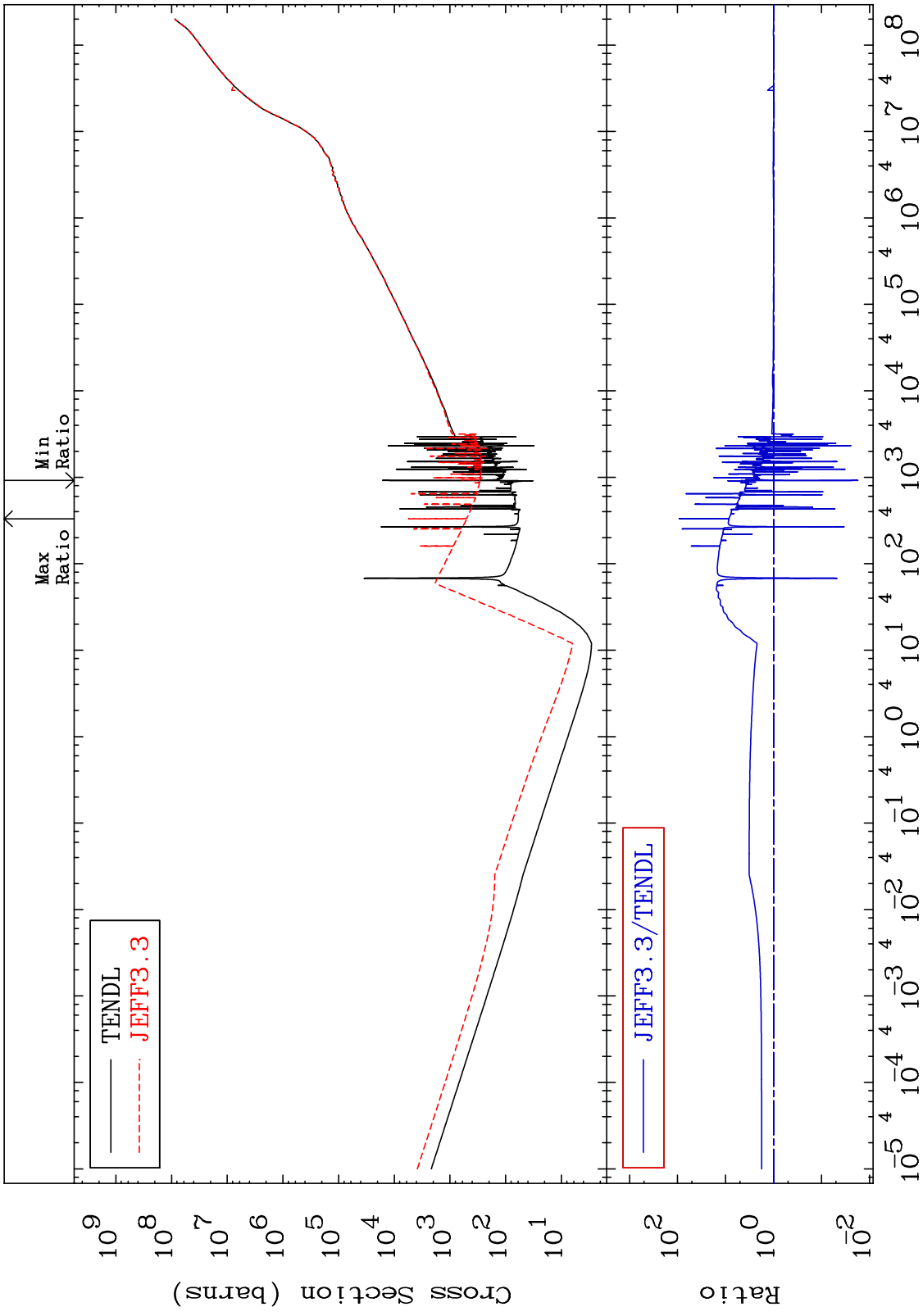
MAT 5225 Kerma capture (mt102) 52-Te-120
 -100.0 To 9999. %



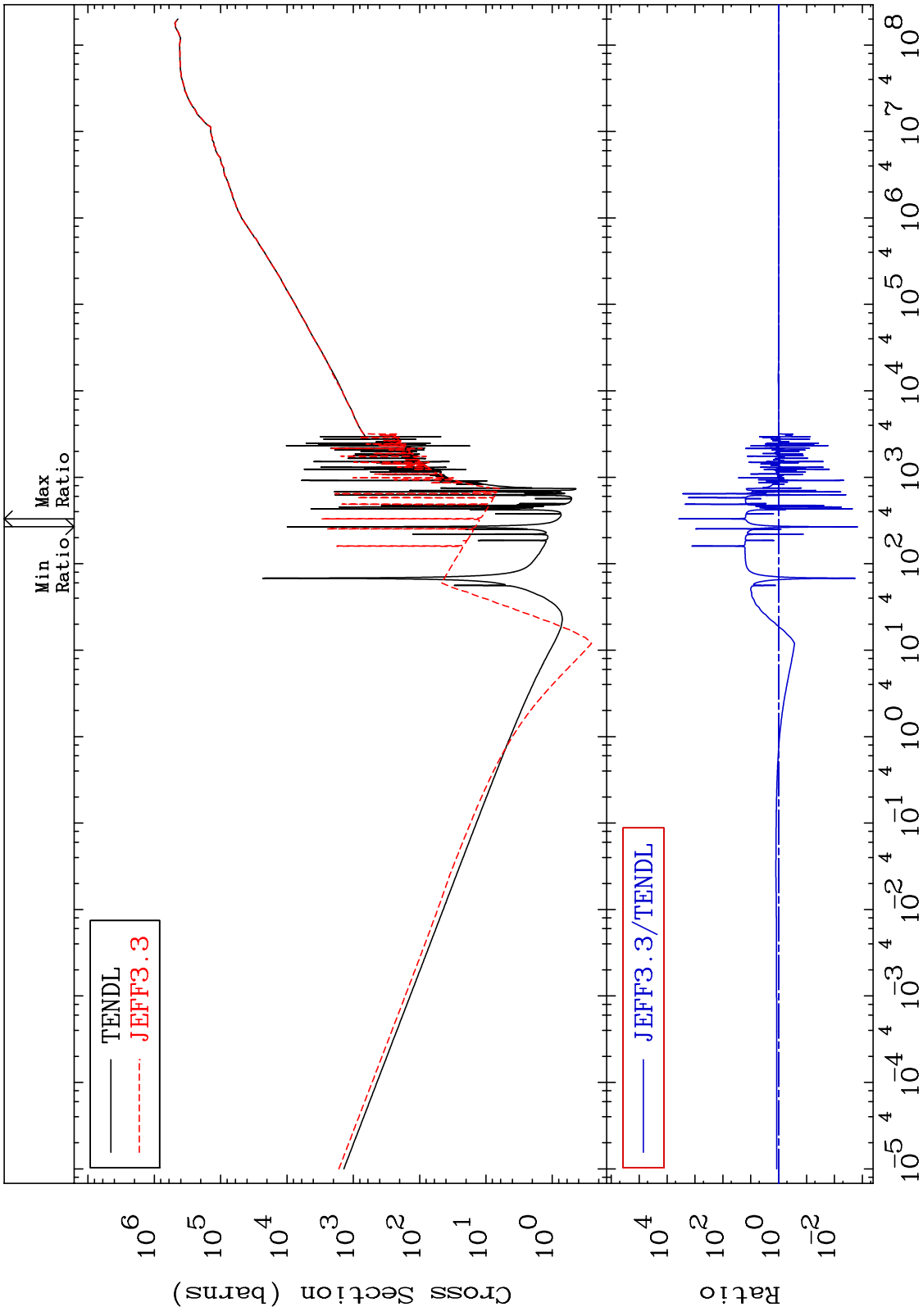
MAT 5225 52-Te-120
 Total photon (eV-barns) Cross Section -100.0 To 9999. %



MAT 5225 Total kinematic kerma (high limit) 52-Te-120
 Cross Section -98.24 To 9187. %



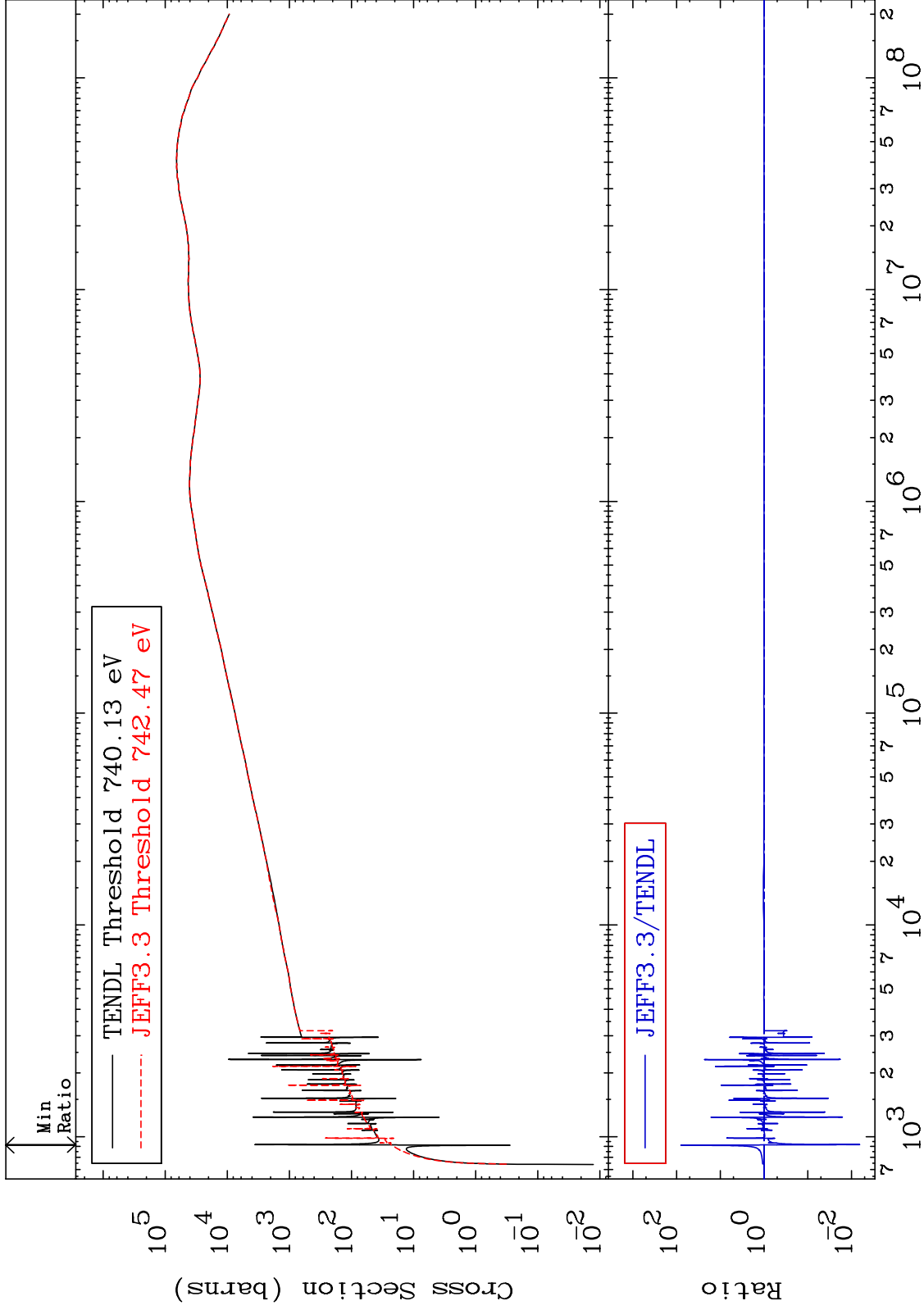
MAT 5225 Dpa total (eV-barns) 52-Te-120
 Cross Section -99.85 To 9999. %



MAT 5225

Dpa elastic (mt2)
Cross Section

52-Te-120
-99.35 To 7908. %

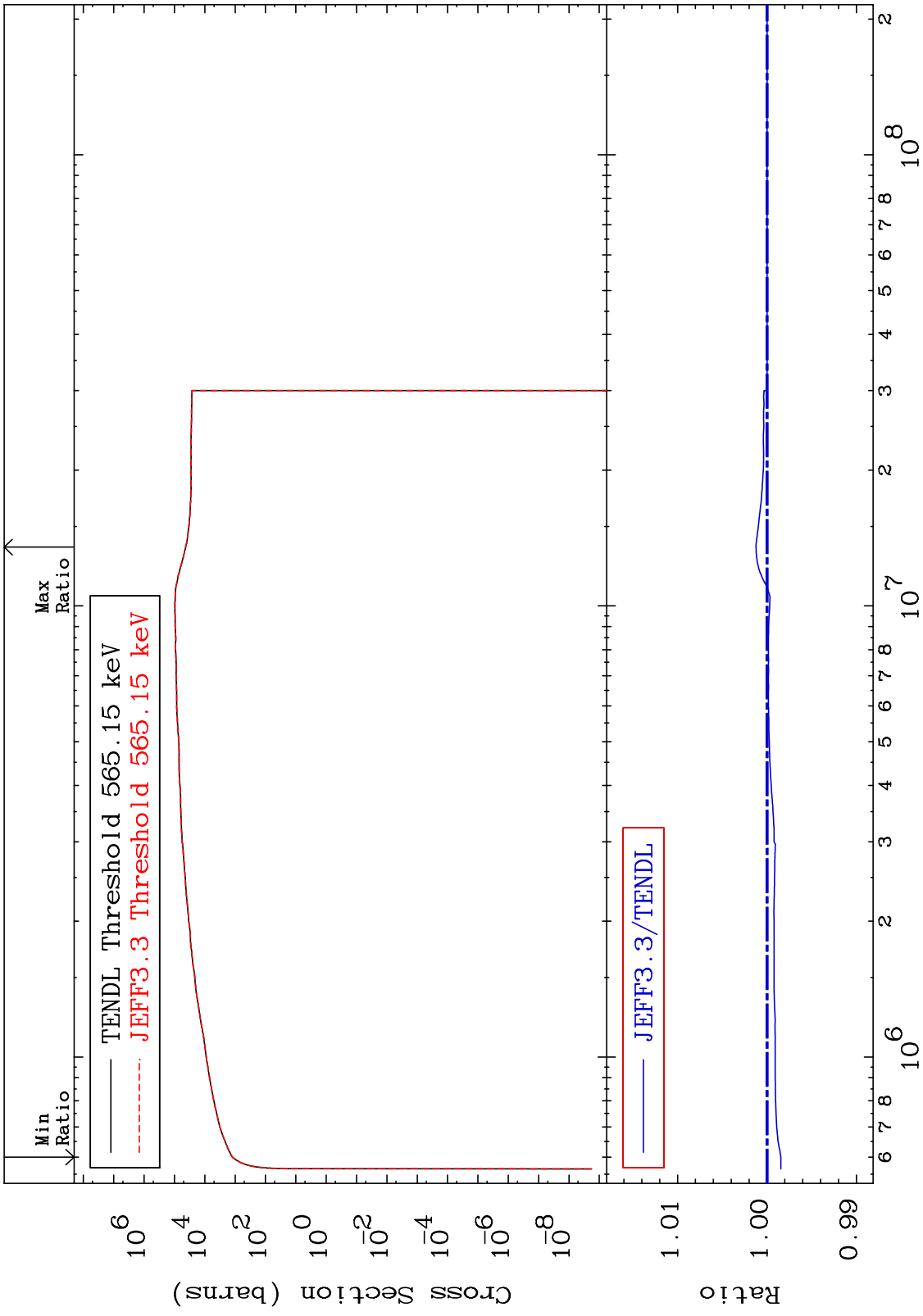


77

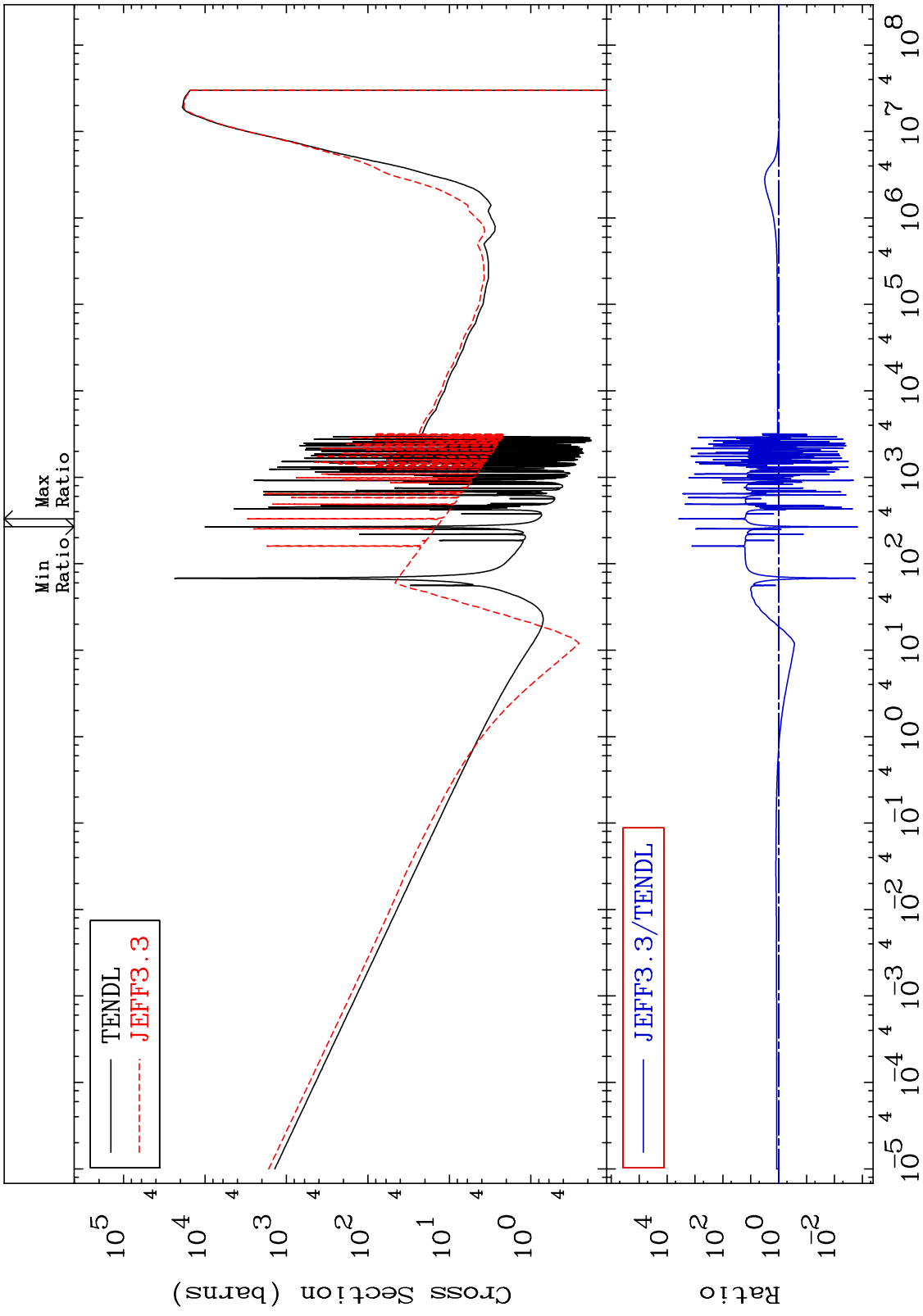
Incident Energy (eV)

52-Te-120

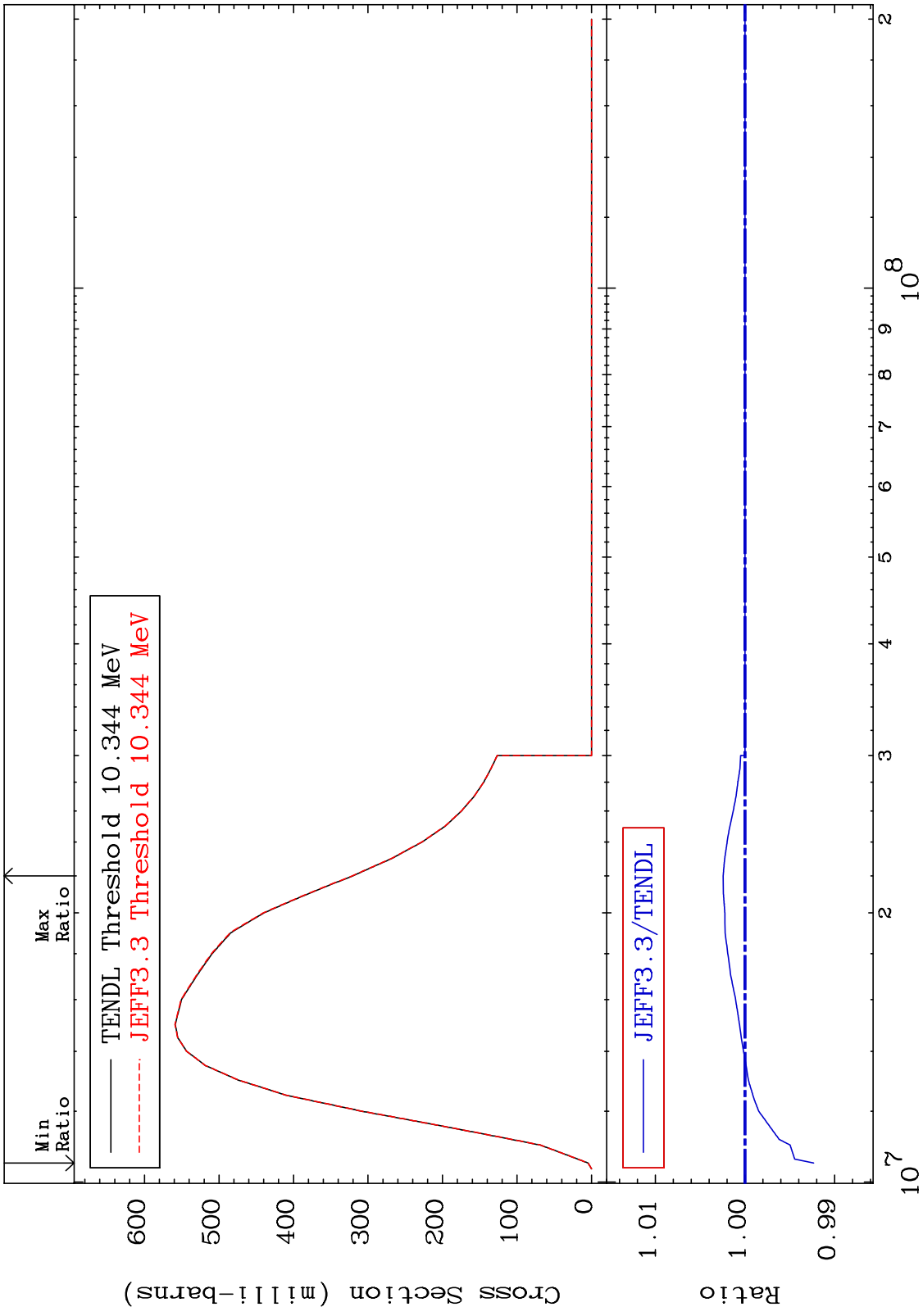
MAT 5225 Dpa inelastic (mt51-91) 52-Te-120
 Cross Section -0.155 To 0.123 %



MAT 5225 Dpa disappearance (mt102 -120) 52-Te-120
 Cross Section -99.85 To 9999. %

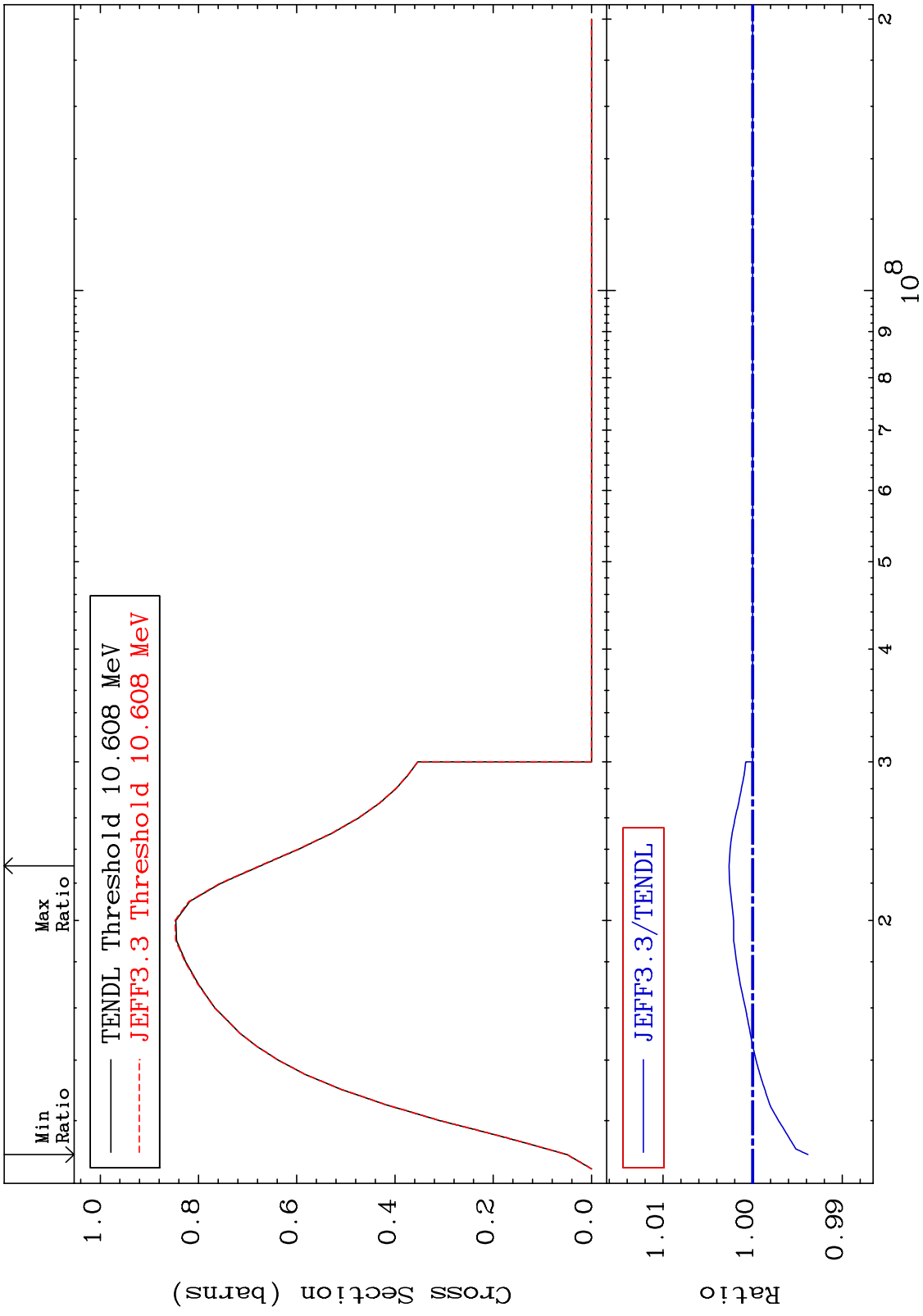


MAT 5225 (n,2n):52-Te-119g 52-Te-120
 Radionuclide Production Cross Section -0.766 To 0.244 %

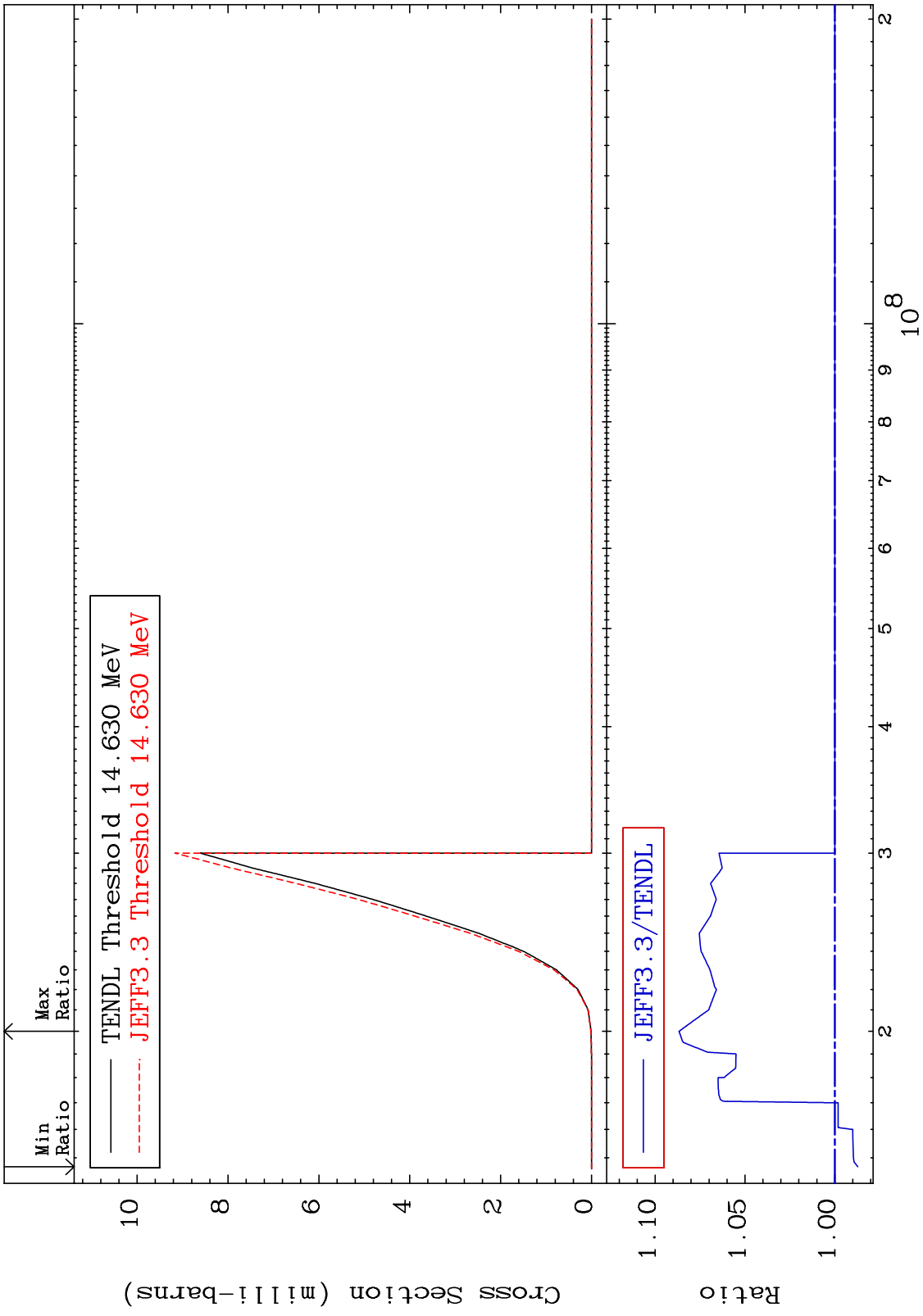


80 Incident Energy (eV) 52-Te-120

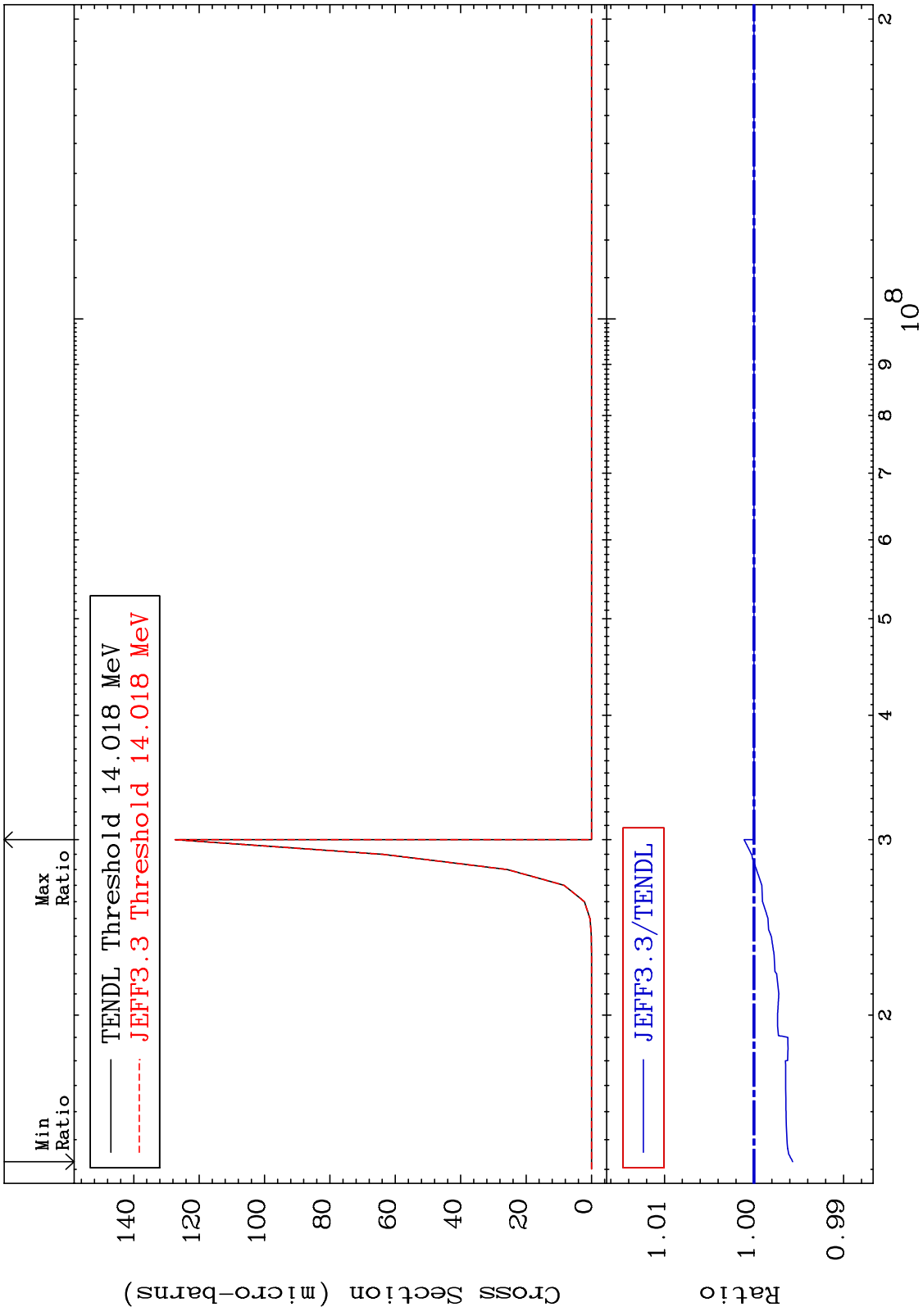
MAT 5225 (n,2n):52-Te-119m2 52-Te-120
 Radionuclide Production Cross Section -0.617 To 0.264 %



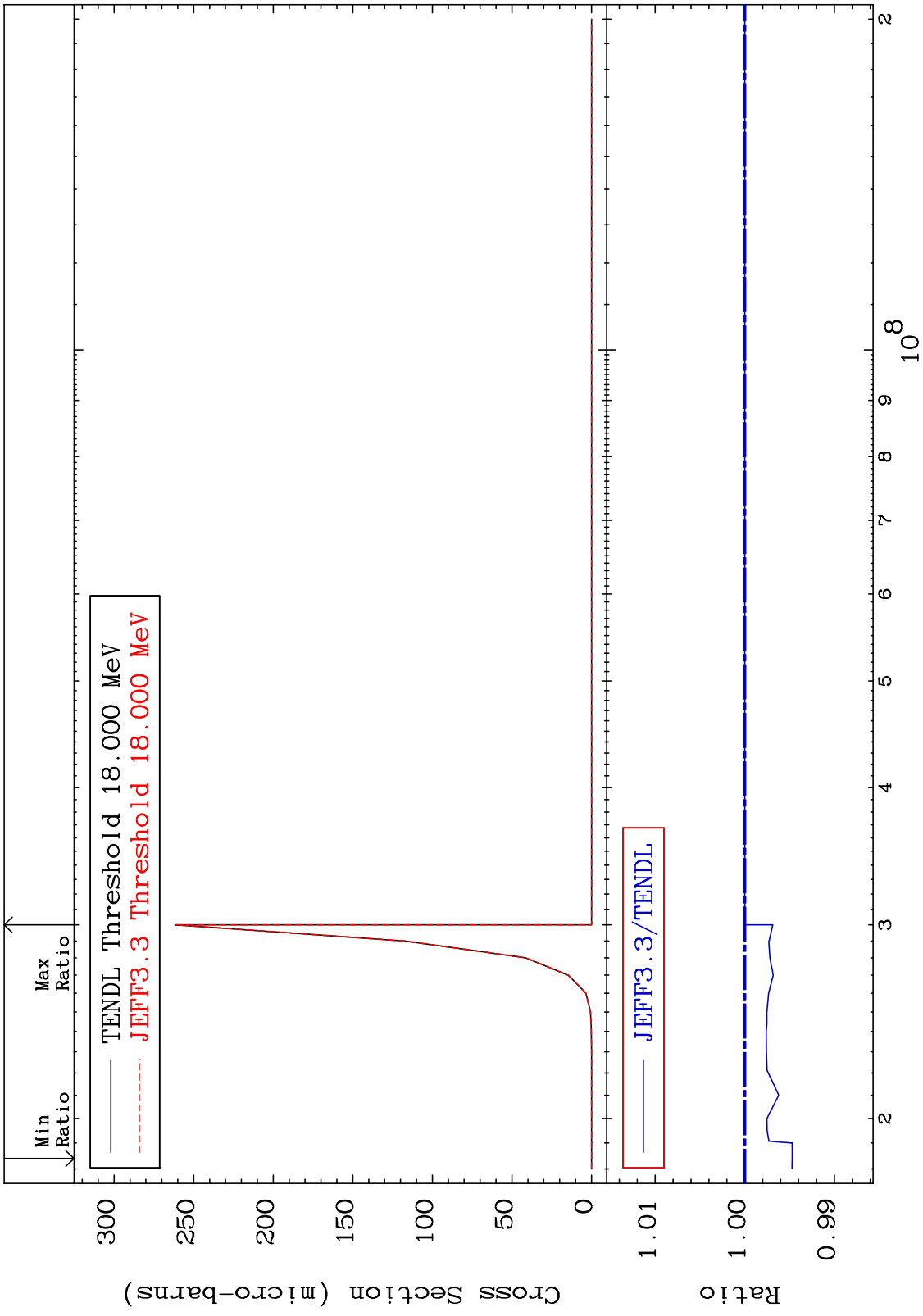
MAT 5225 (n,n') d:51-Sb-118g 52-Te-120
 Radionuclide Production Cross Section -1.283 To 8.671 %



MAT 5225 (n,n') He-3:50-Sn-117g 52-Te-120
 Radionuclide Production Cross Section -0.433 To 0.110 %



MAT 5225 (n,n') He-3:50-Sh-117m2 52-Te-120
 Radionuclide Production Cross Section -0.529 To 0.000 %

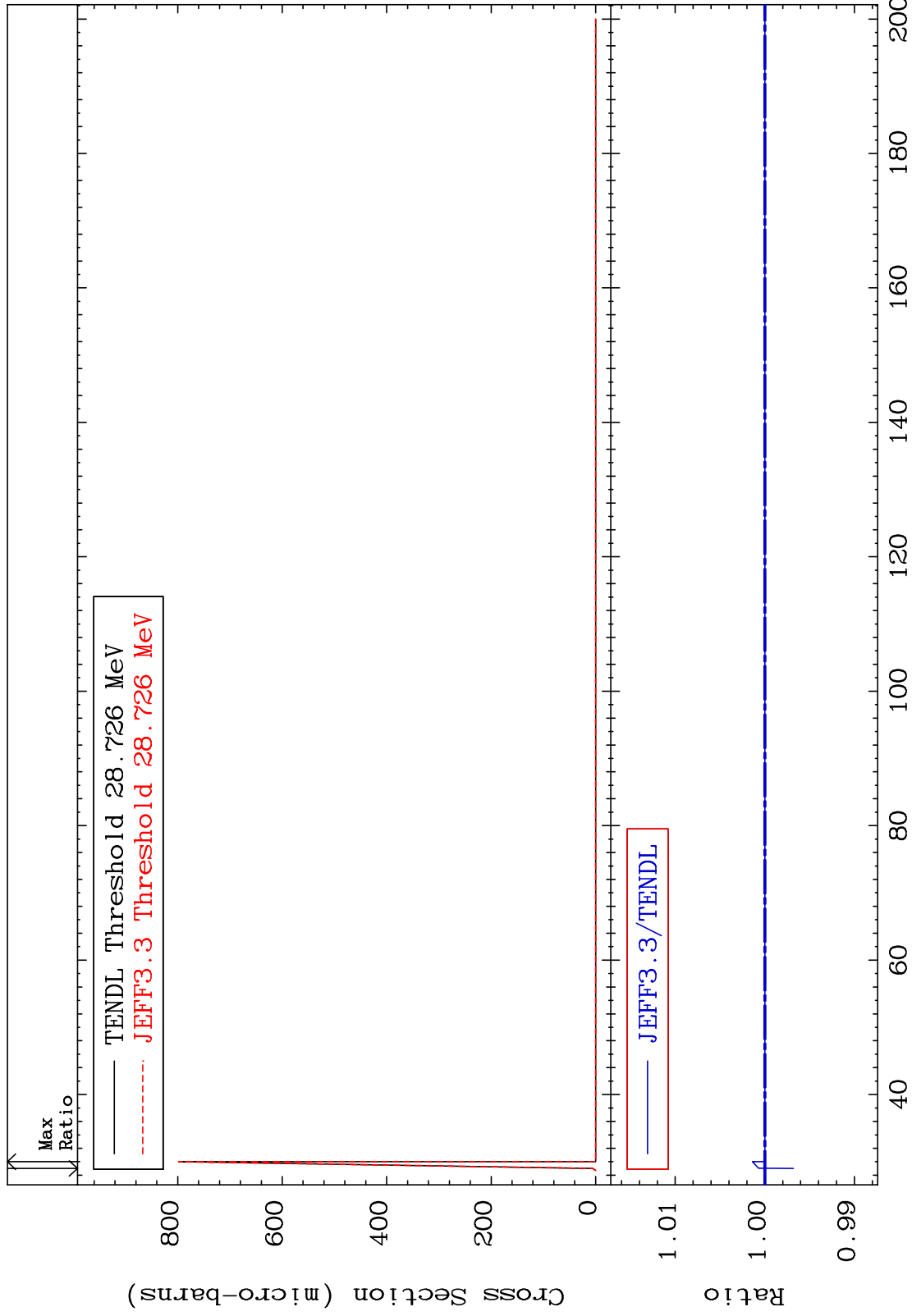


MAT 5225

(n,4n):52-Te-117g

52-Te-120

Radionuclide Production Cross Section -0.318 To 0.139 %



85

Incident Energy (MeV)

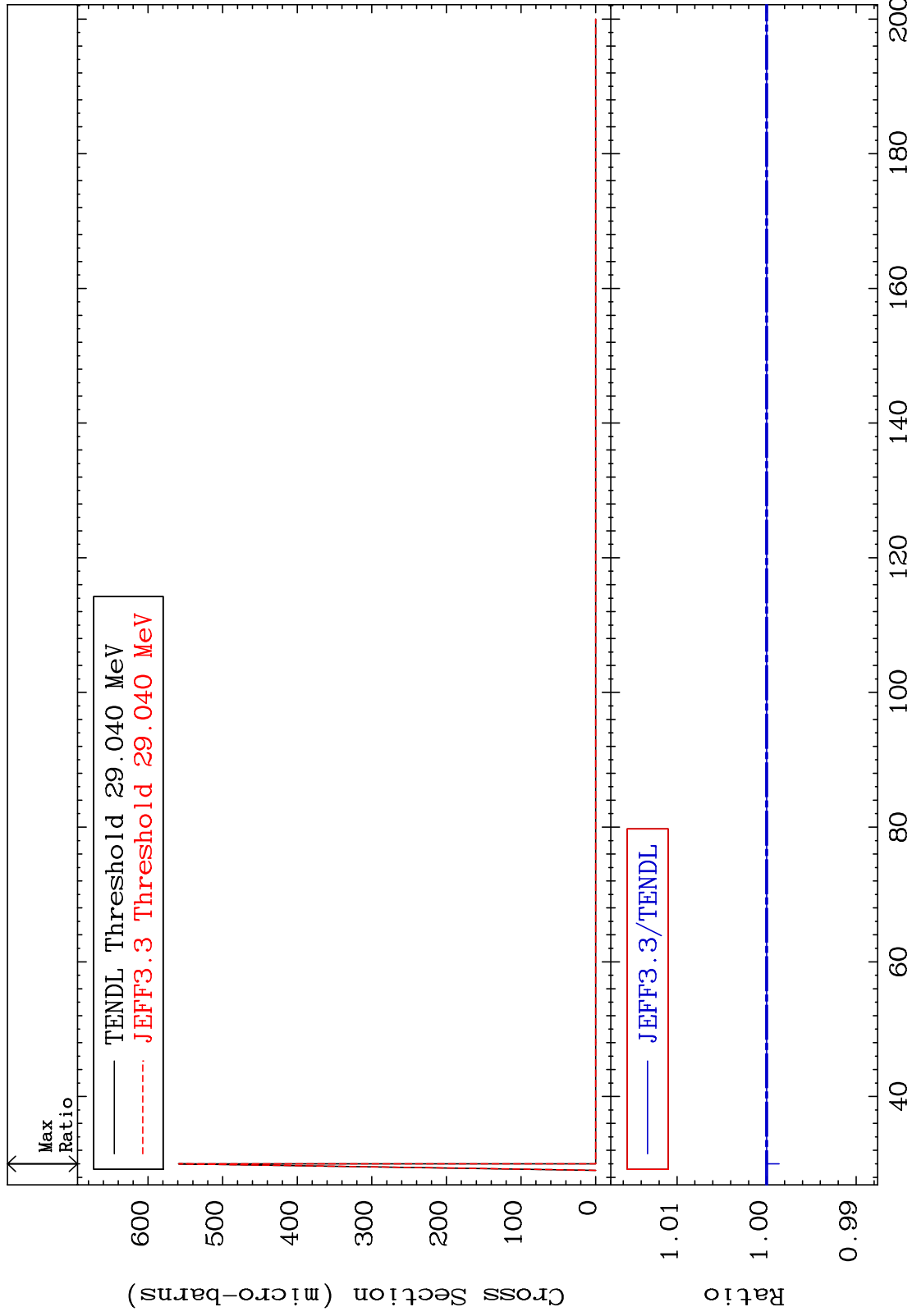
52-Te-120

MAT 5225

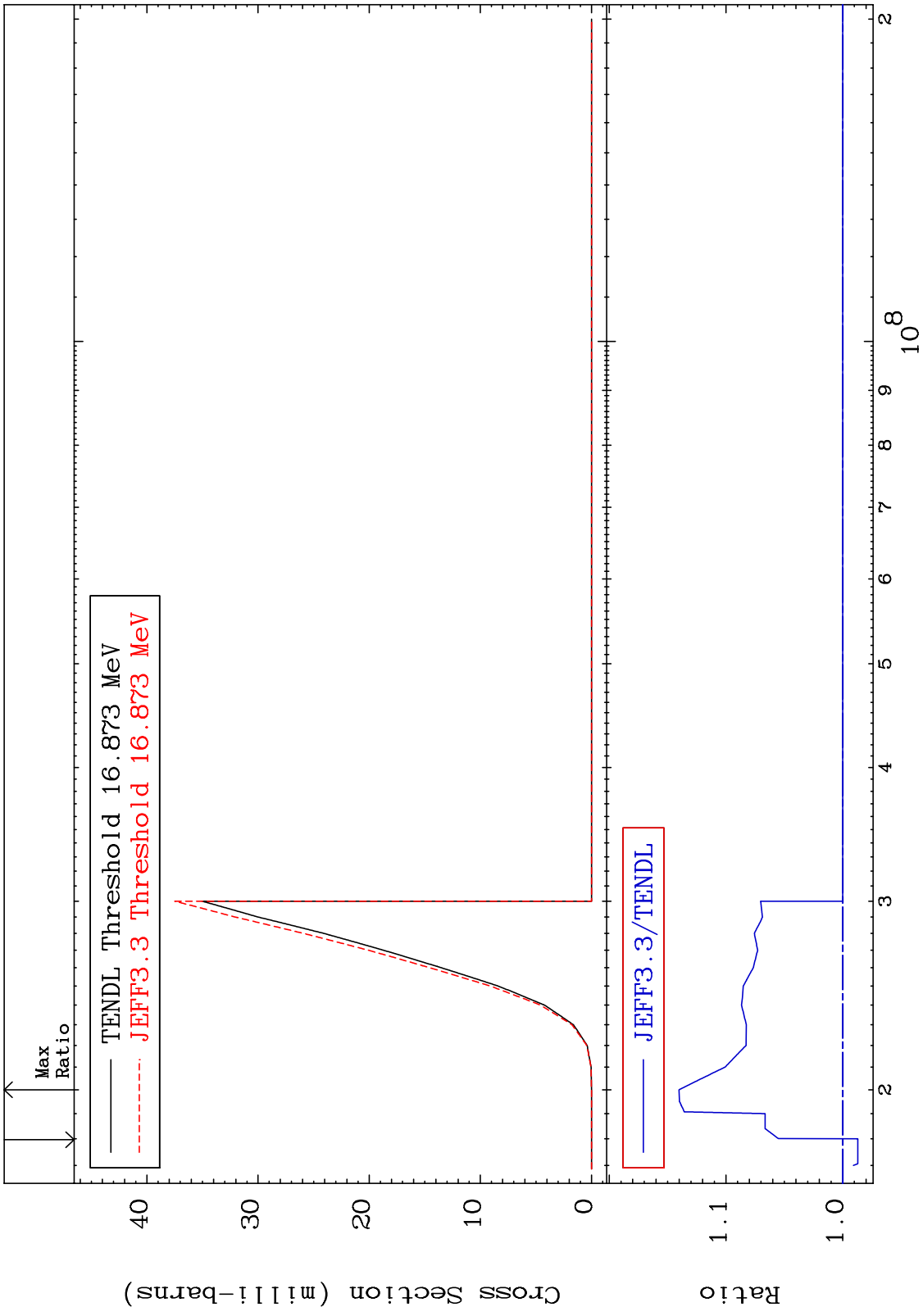
(n,4n):52-Te-117m3

52-Te-120

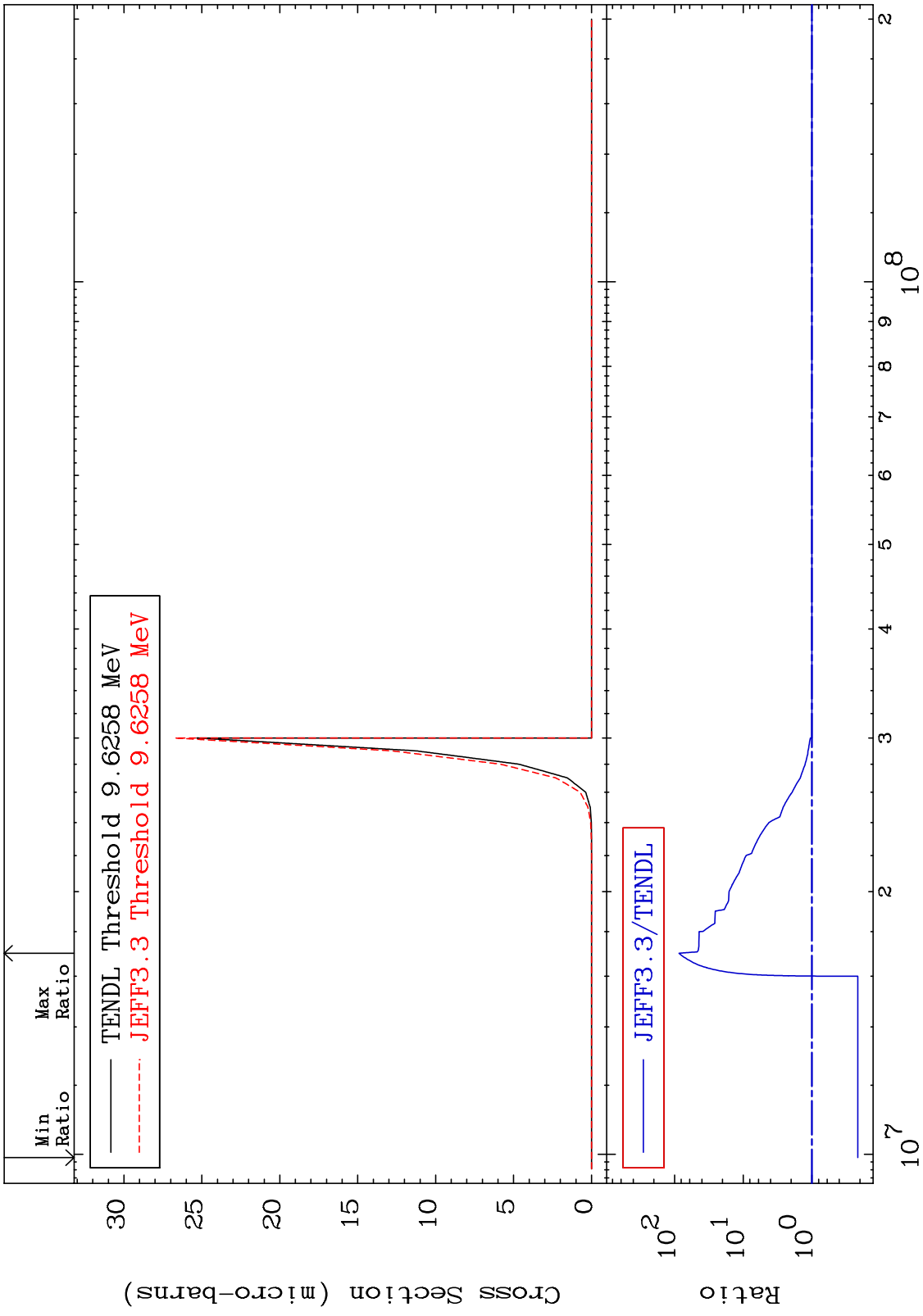
Radionuclide Production Cross Section -0.139 To 0.000 %



MAT 5225 (n,2n) p:51-Sb-118g 52-Te-120
 Radionuclide Production Cross Section -1.296 To 14.02 %



MAT 5225 (n,n') p α:49-In-115g 52-Te-120
 Radionuclide Production Cross Section -78.57 To 8499. %

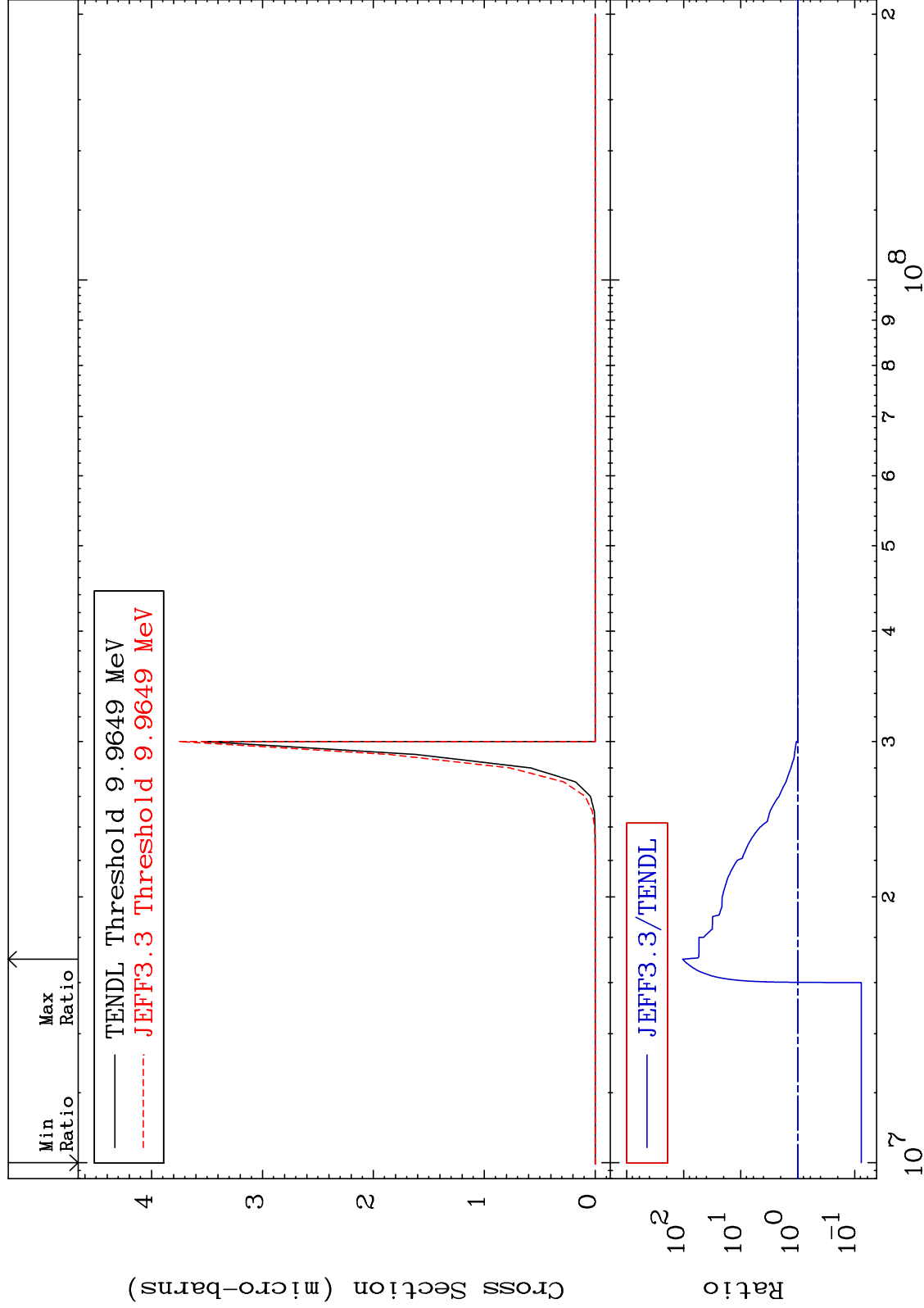


MAT 5225

(n,n') p α :49-In-115m1

52-Te-120

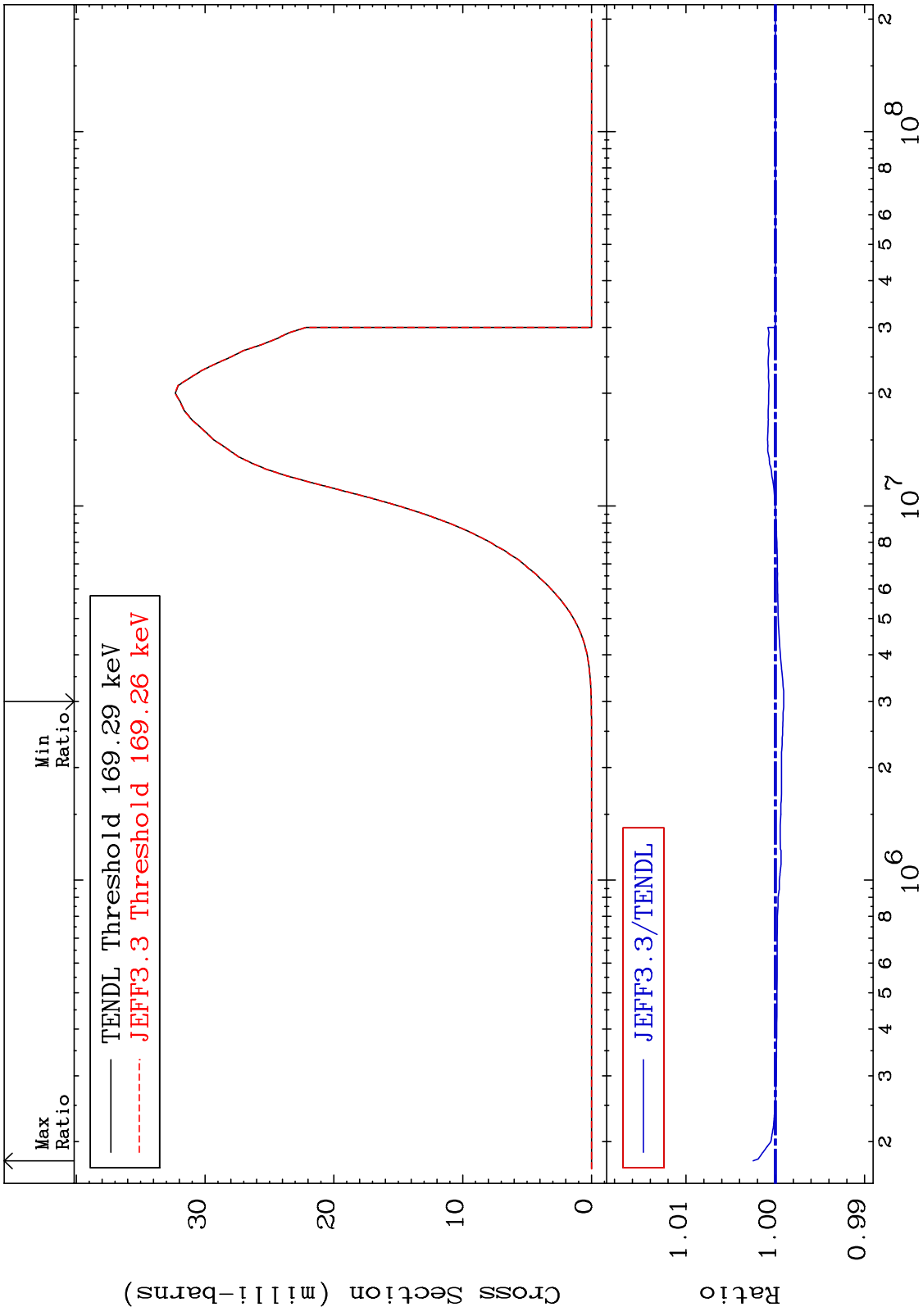
Radionuclide Production Cross Section -92.31 To 9999. %



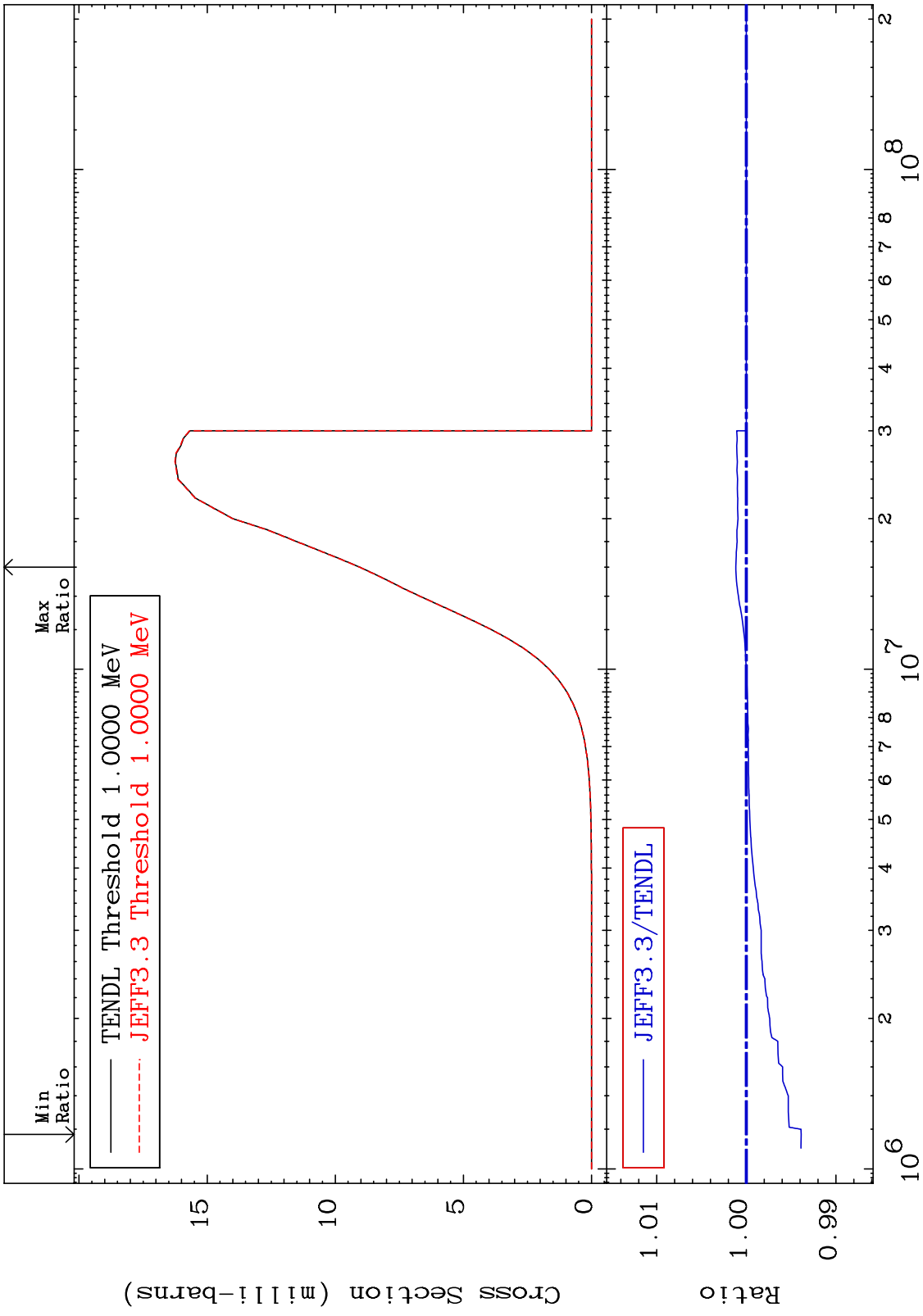
89

52-Te-120

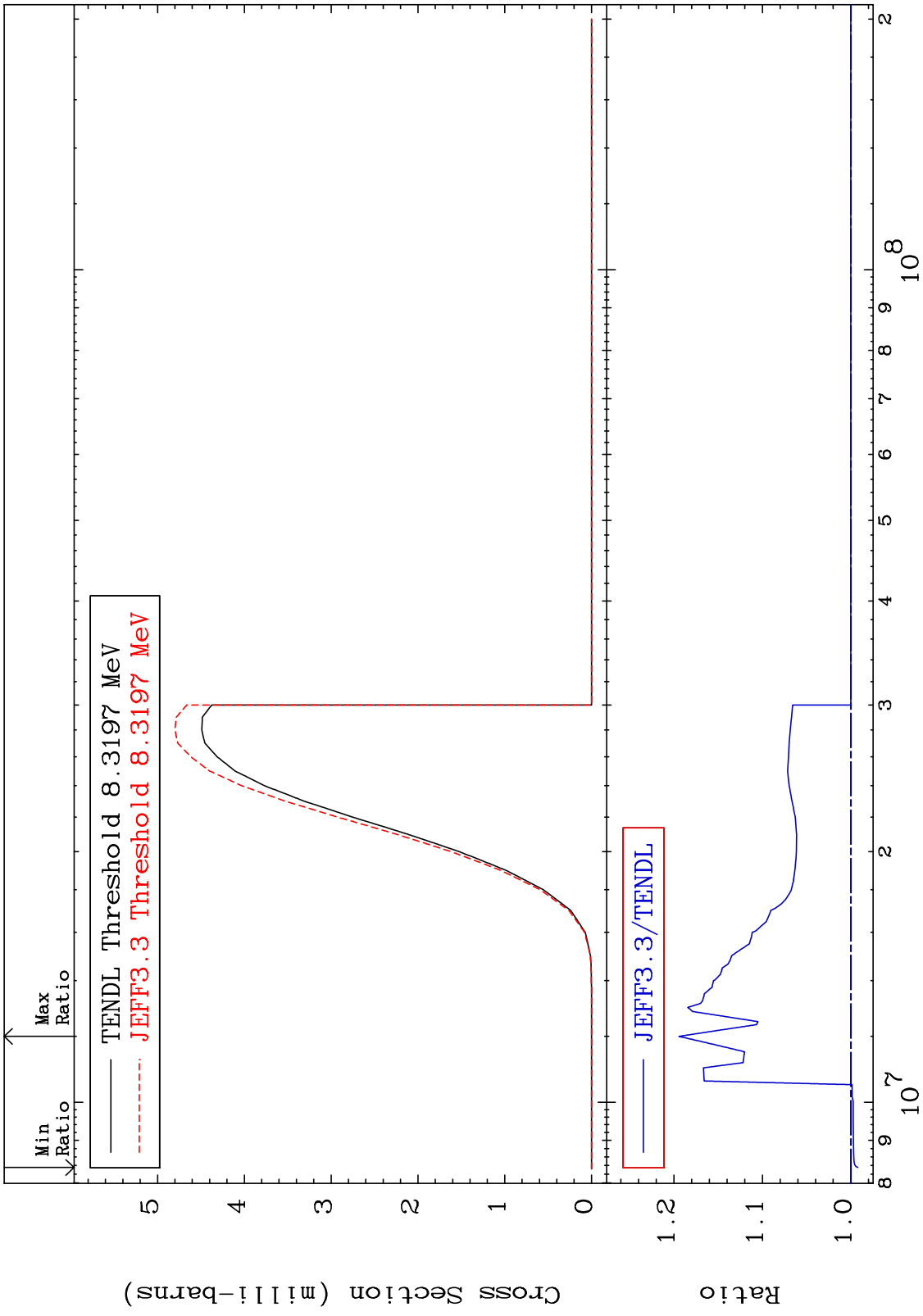
MAT 5225 (n,p):51-Sb-120g 52-Te-120
 Radionuclide Production Cross Section -0.095 To 0.249 %



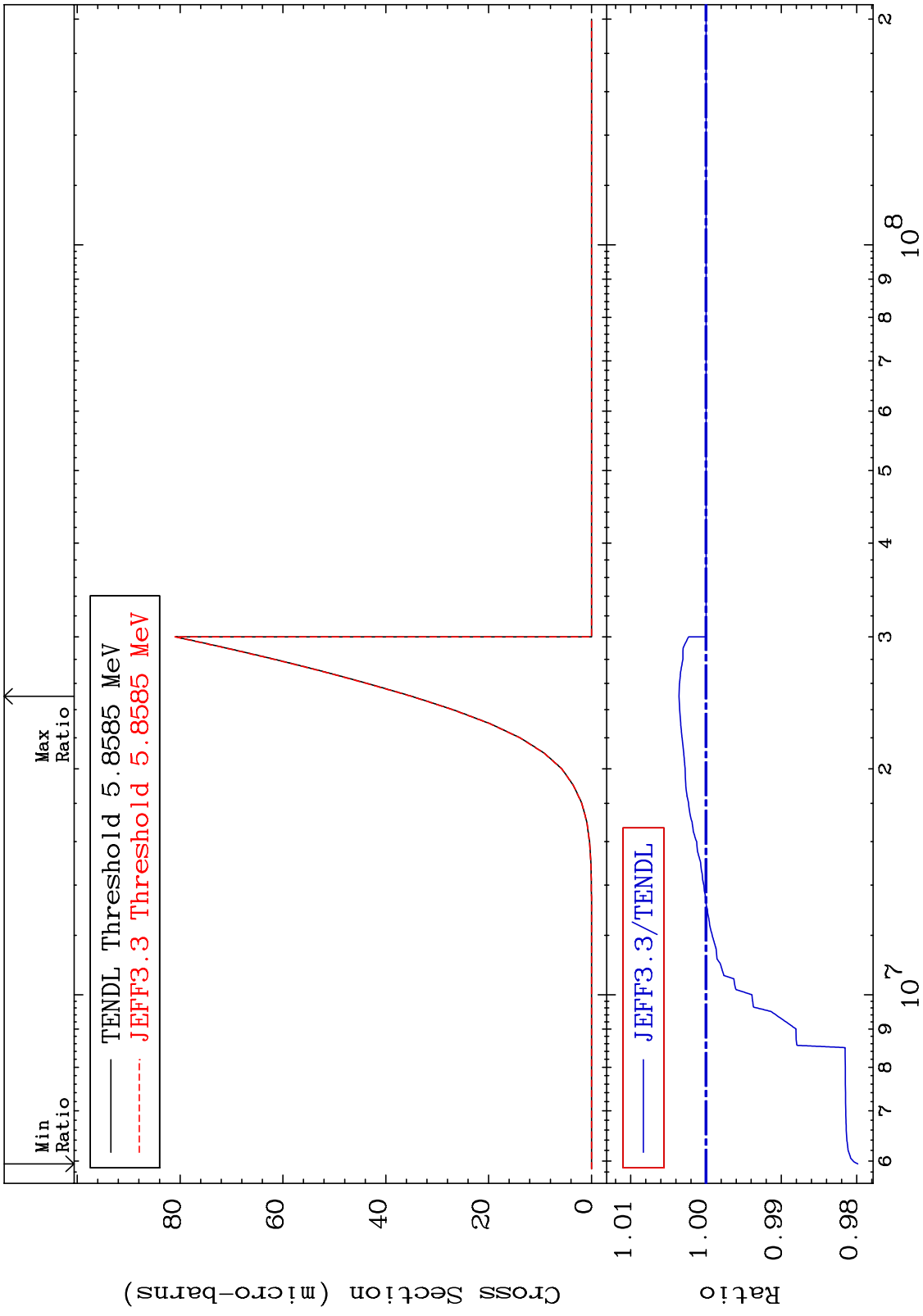
MAT 5225 (n,p):51-Sb-120m6 52-Te-120
 Radionuclide Production Cross Section -0.612 To 0.117 %



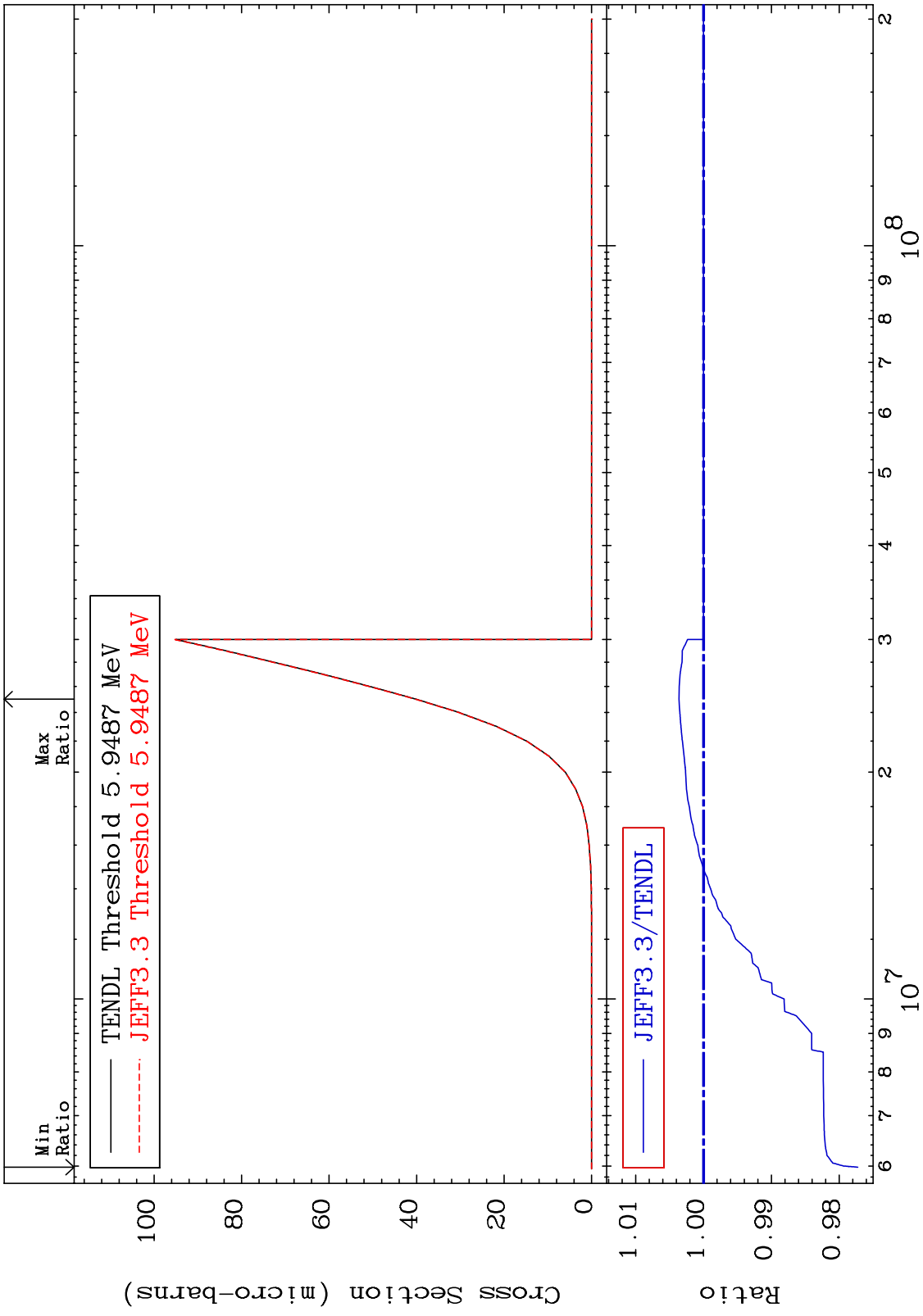
MAT 5225 (n,t):51-Sb-118g 52-Te-120
 Radionuclide Production Cross Section -0.786 To 19.42 %



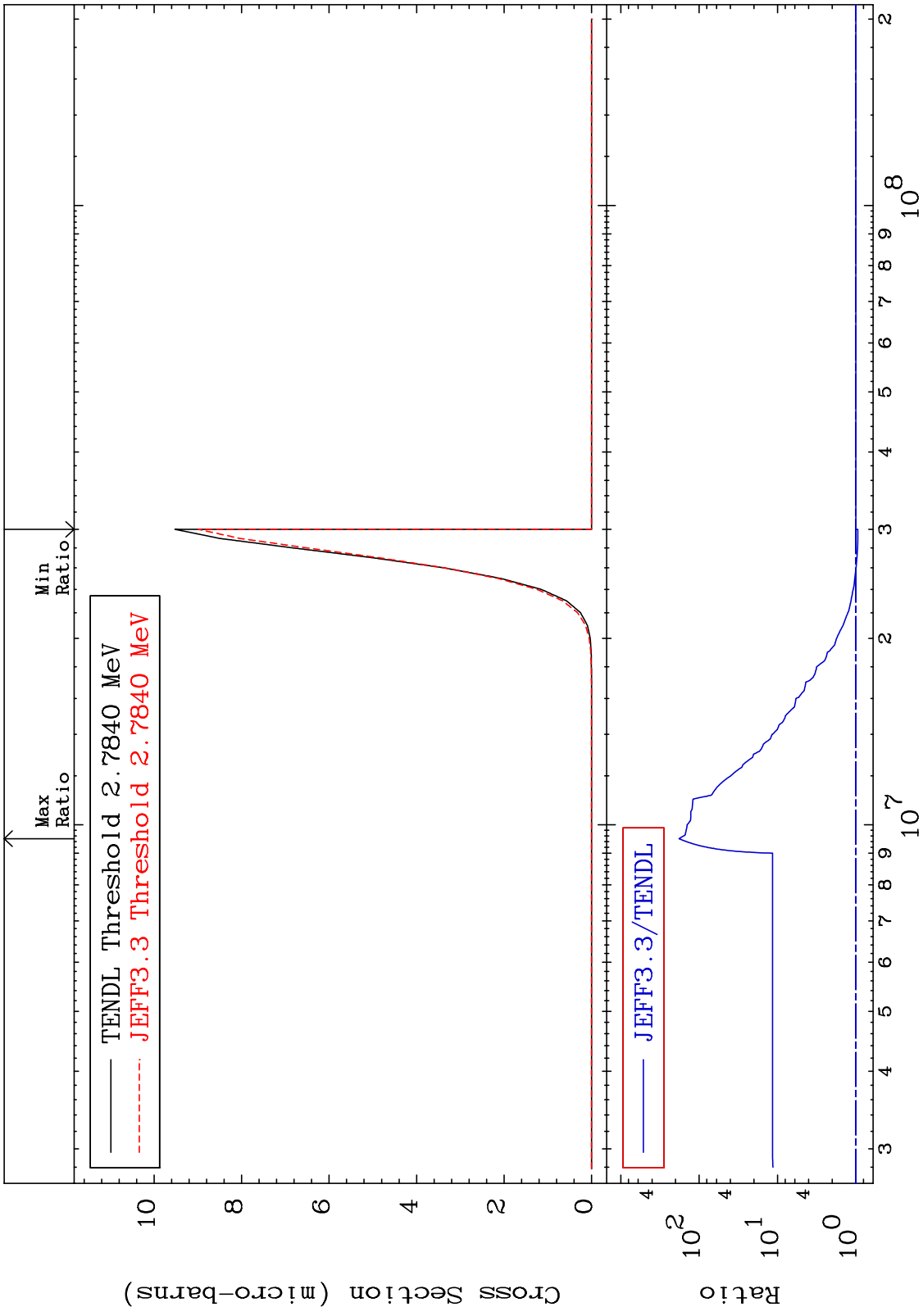
MAT 5225 (n,2p):50-Sn-119g 52-Te-120
 Radionuclide Production Cross Section -2.016 To 0.358 %



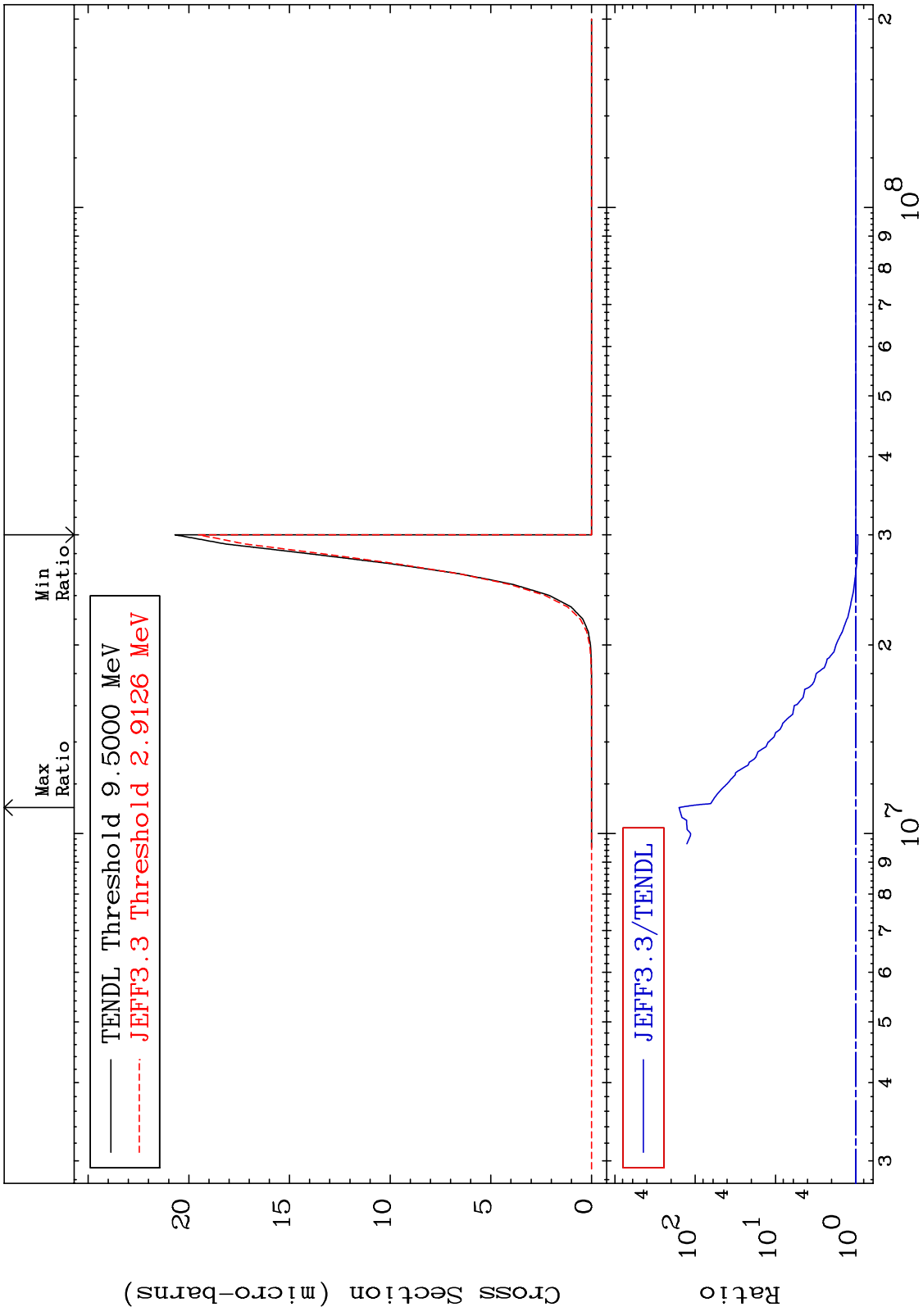
MAT 5225 (n,2p):50-Sn-119m2 52-Te-120
 Radionuclide Production Cross Section -2.276 To 0.361 %



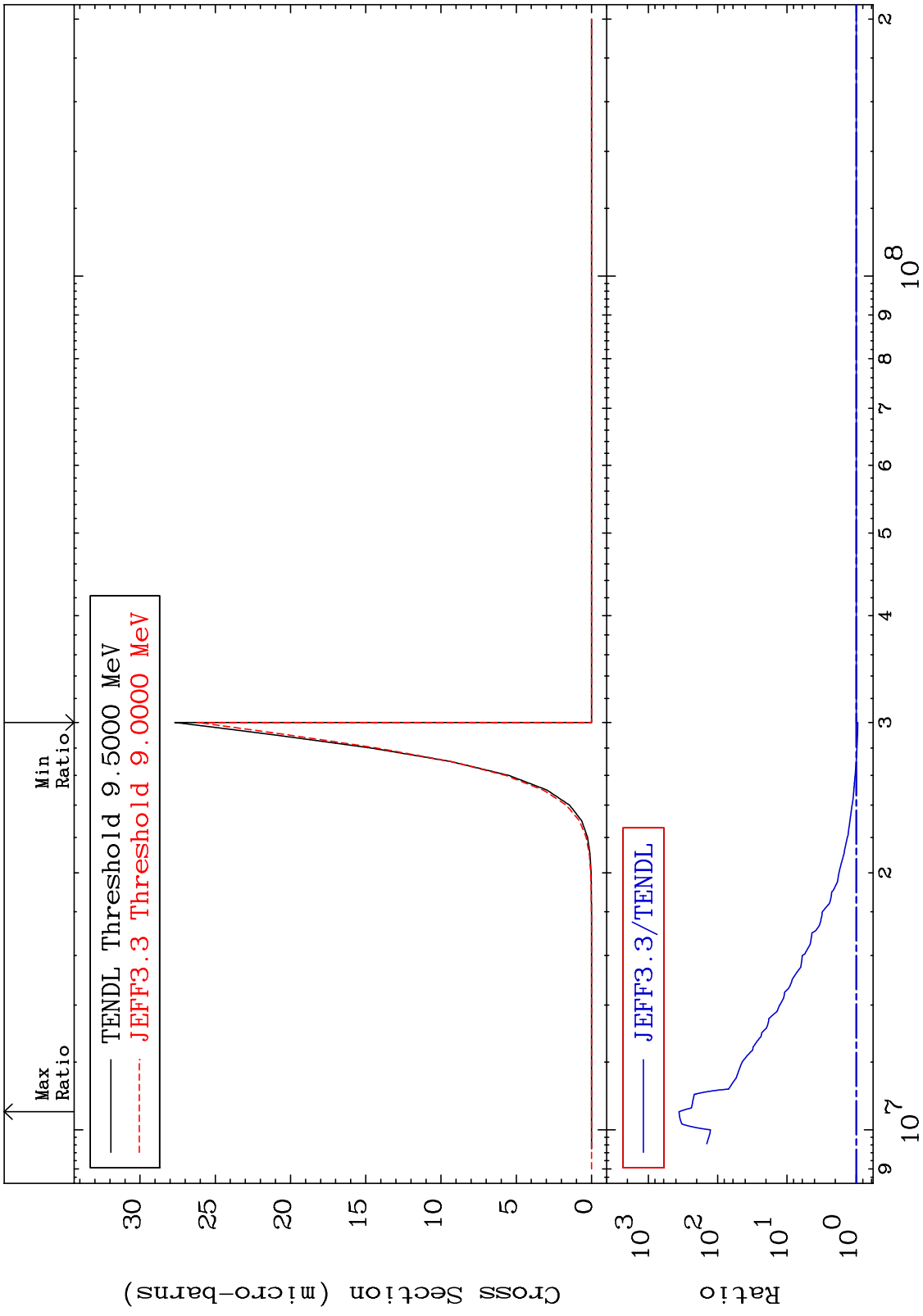
MAT 5225 (n,p) α : 49-In-116g 52-Te-120
 Radionuclide Production Cross Section -5.604 To 9999. %



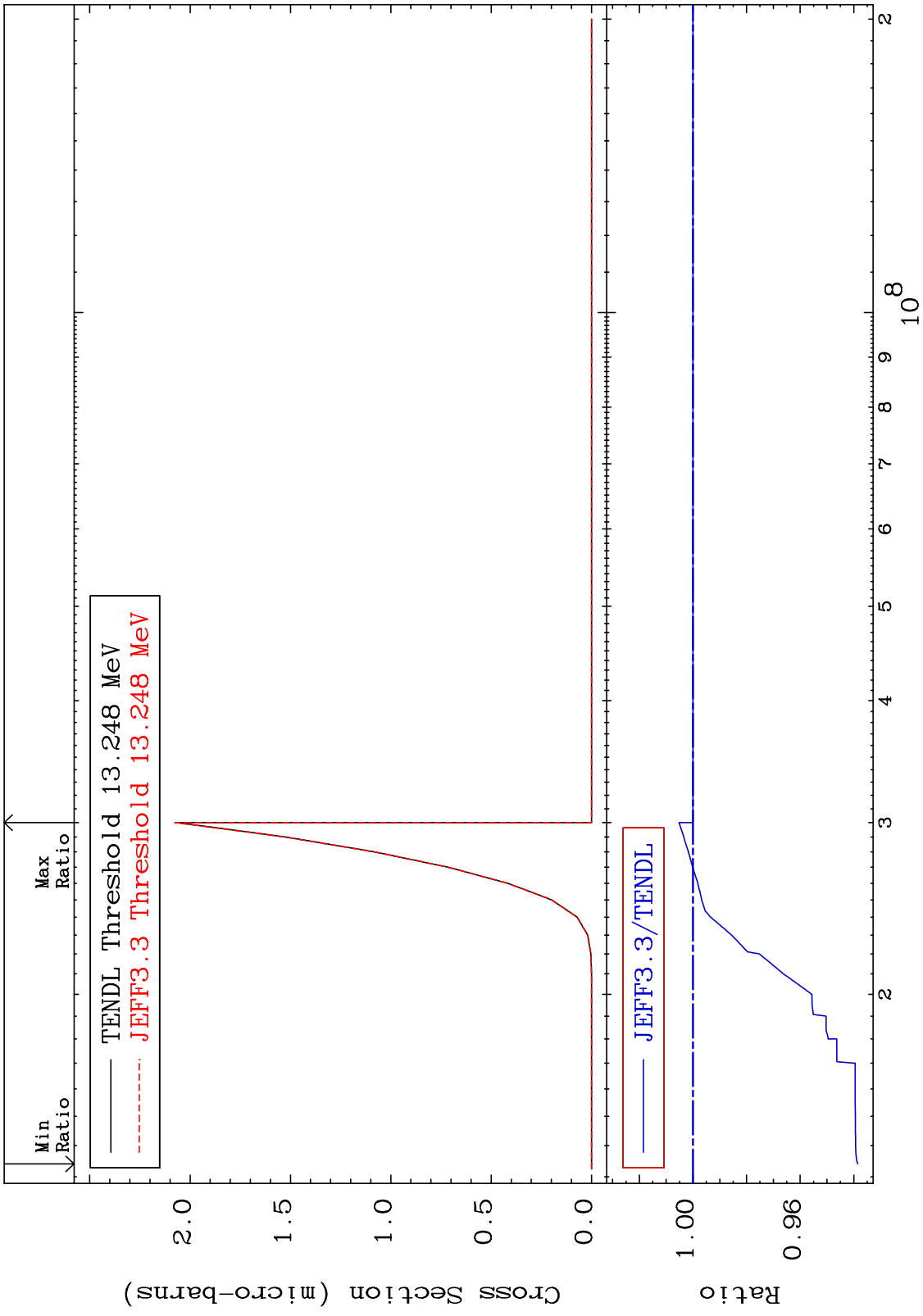
MAT 5225 (n,p) α :49-In-116m1 52-Te-120
 Radionuclide Production Cross Section -5.646 To 9999. %



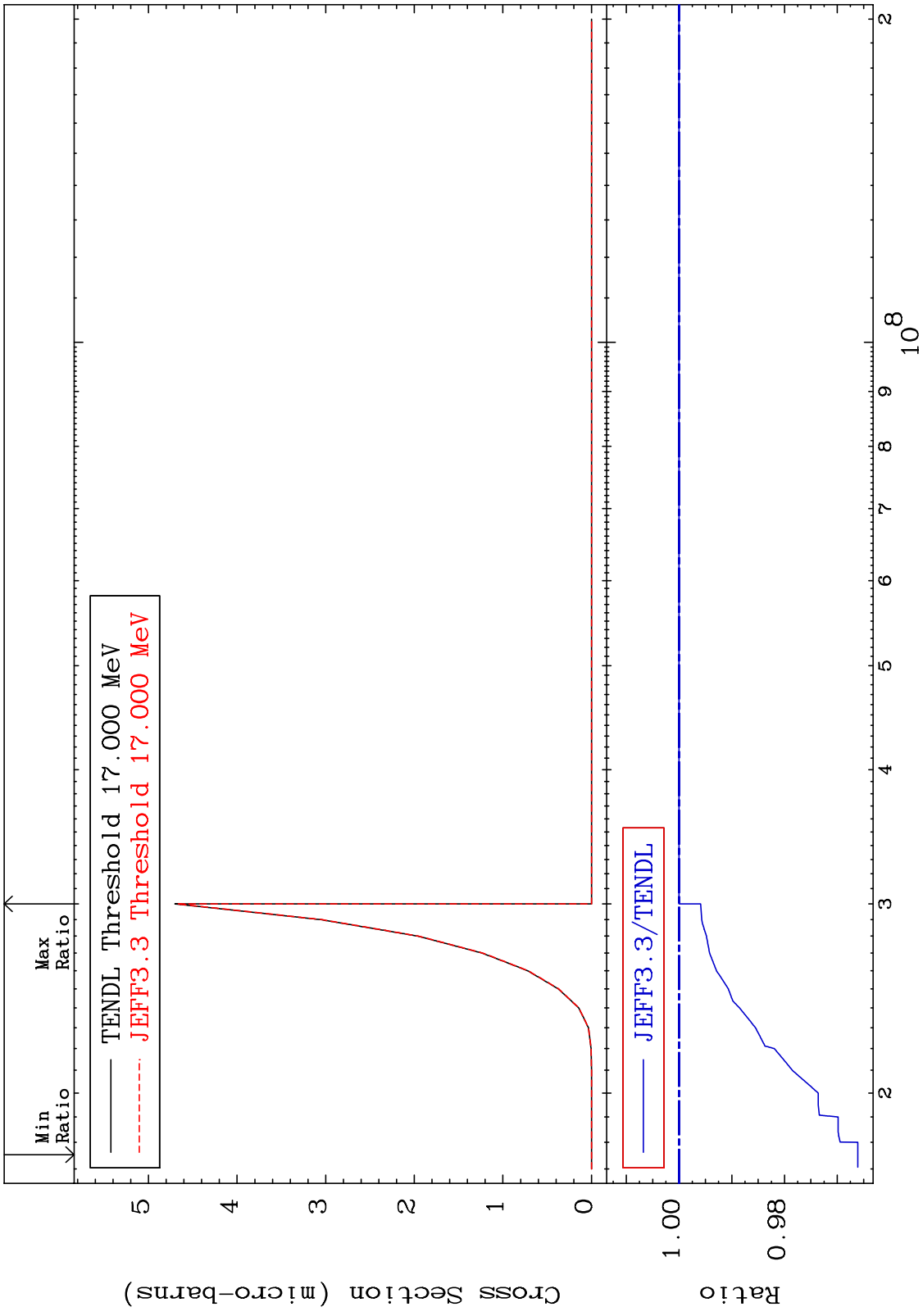
MAT 5225 (n,p) α :49-In-116m4 52-Te-120
 Radionuclide Production Cross Section -5.355 To 9999. %



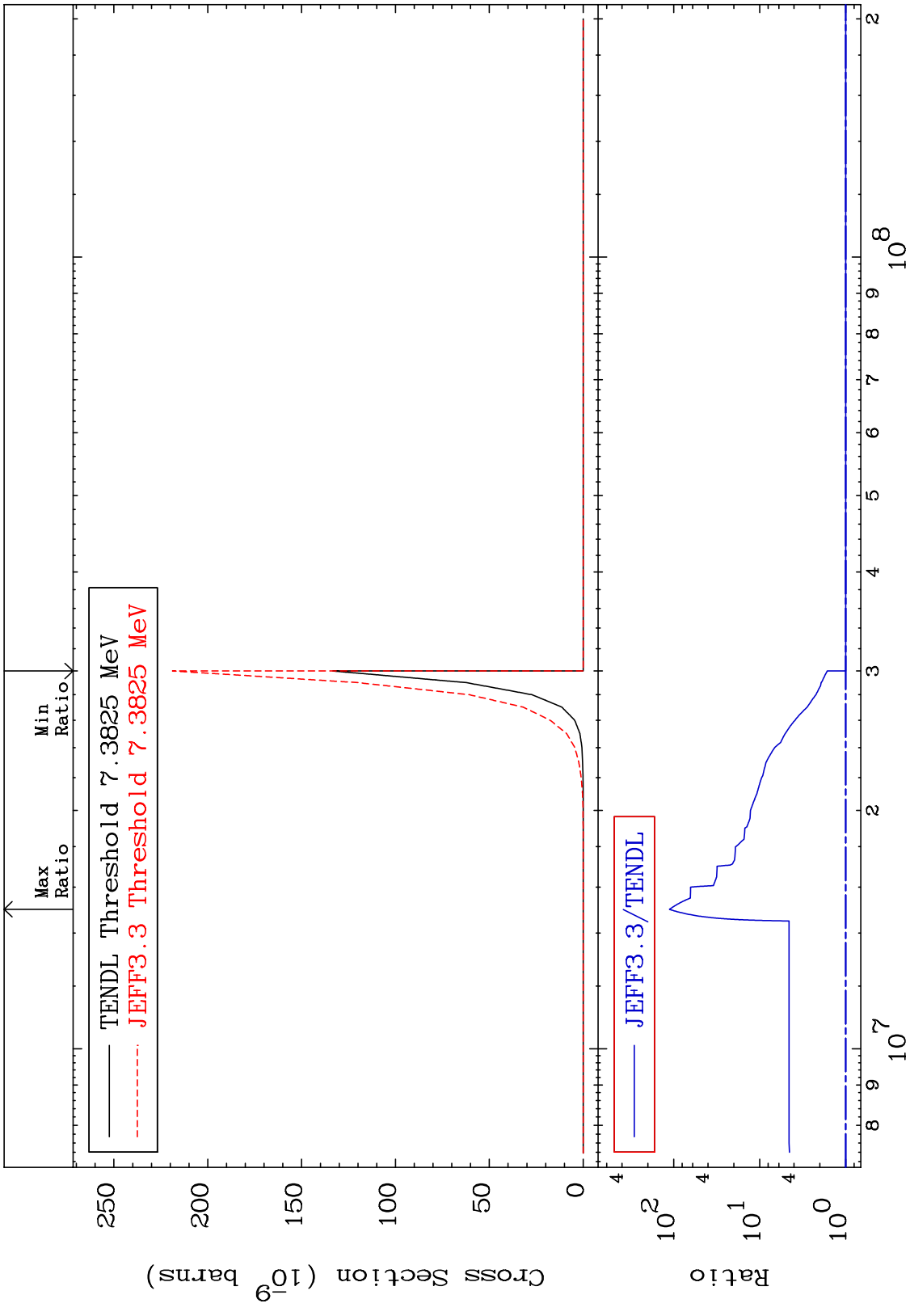
MAT 5225 (n,p) t:50-Sn-117g 52-Te-120
 Radionuclide Production Cross Section -6.153 To 0.520 %



MAT 5225 (n,p) t:50-Sn-117m2 52-Te-120
 Radionuclide Production Cross Section -3.390 To 0.000 %



MAT 5225 (n,d) α : 49-In-115g 52-Te-120
Radionuclide Production Cross Section 0.000 To 9999. %



100 100 52-Te-120

MAT 5225 (n,d) α :49-In-115m1 52-Te-120
 Radionuclide Production Cross Section 0.000 To 6396. %

