

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7625 76-Os-184 -99.38 To 448.1 %

Total Cross Section

Min Ratio Max Ratio

TENDL
JEFF3.3

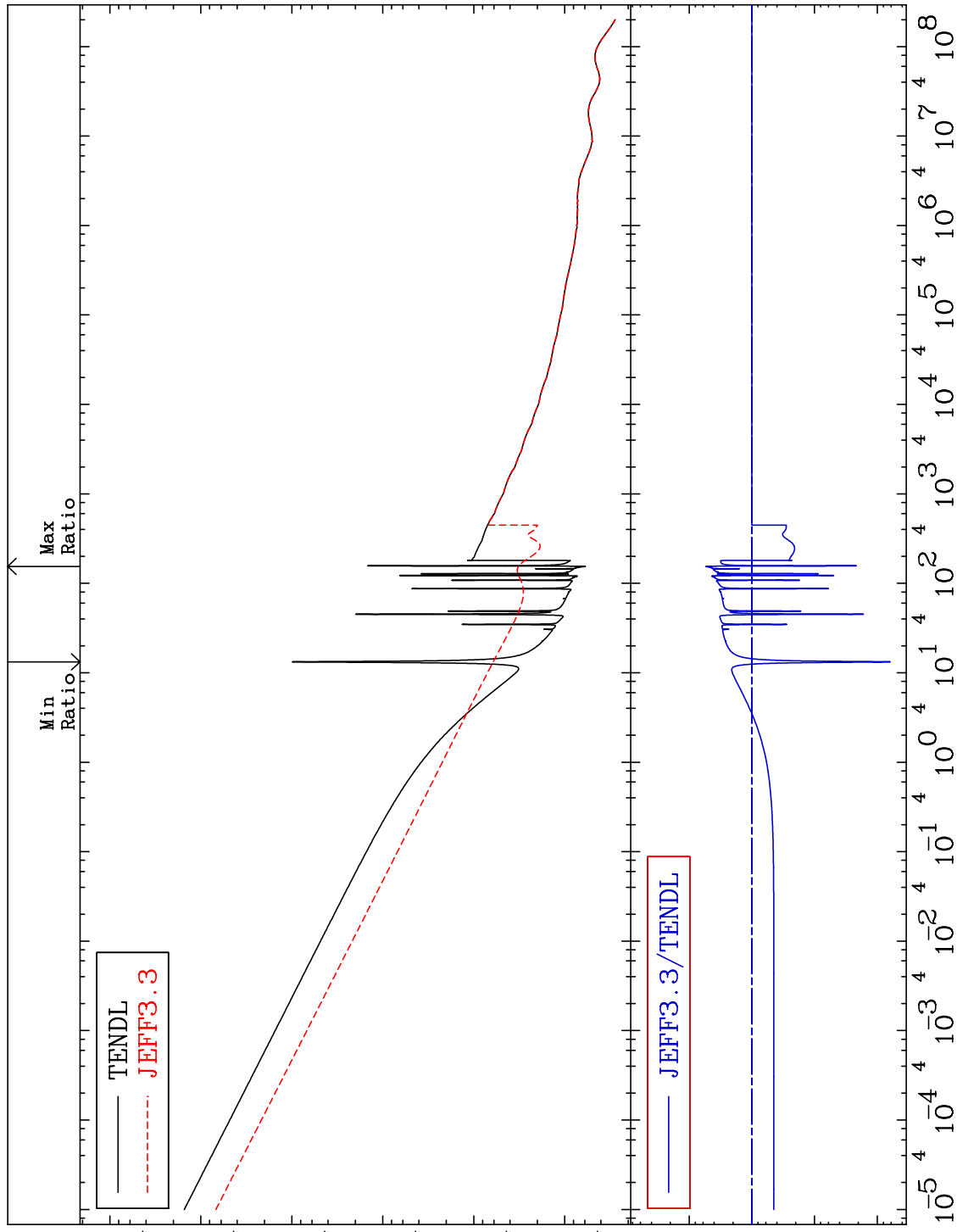
Cross Section (barns)

JEFF3.3/TENDL

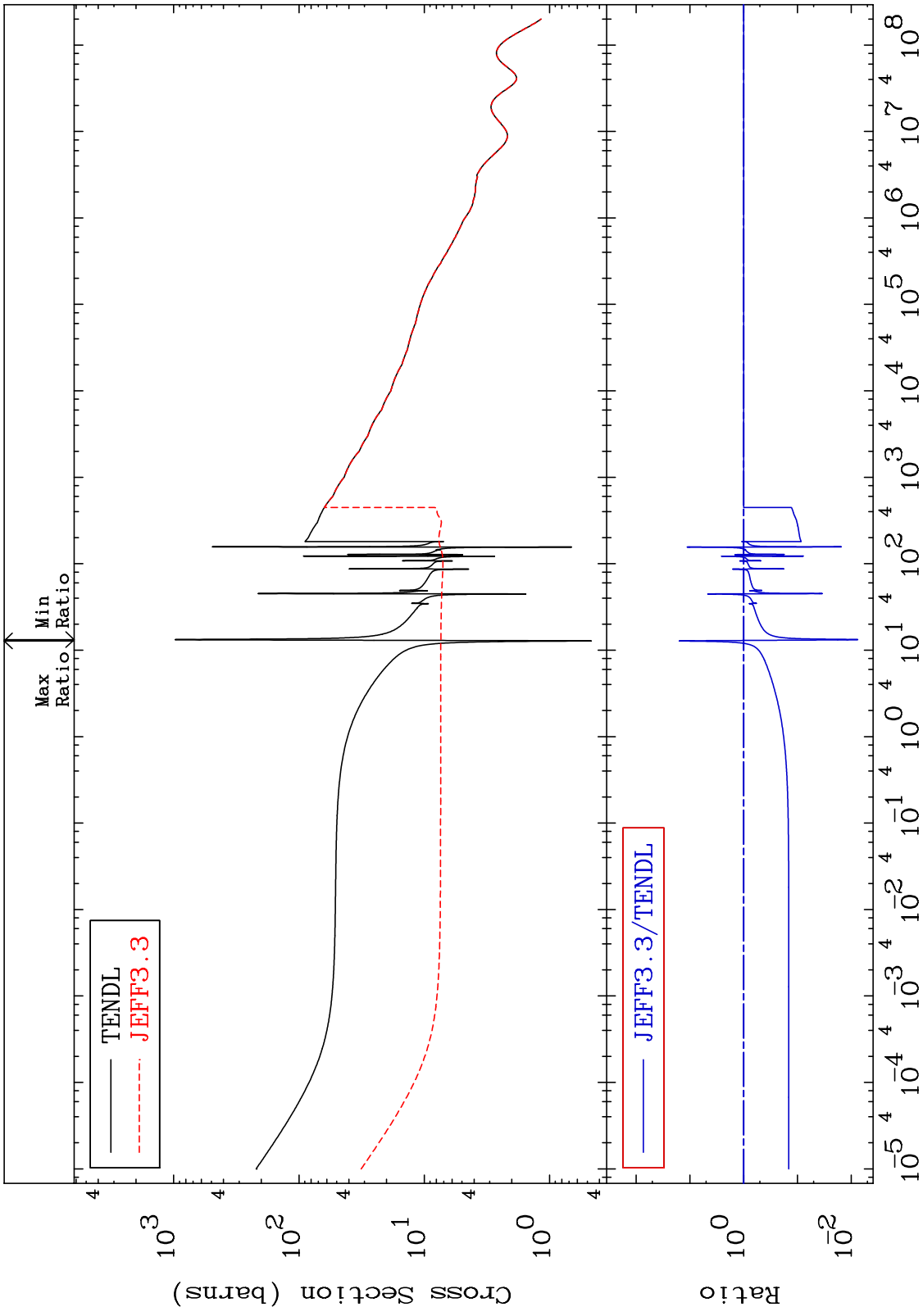
Ratio

Incident Energy (eV)

76-Os-184

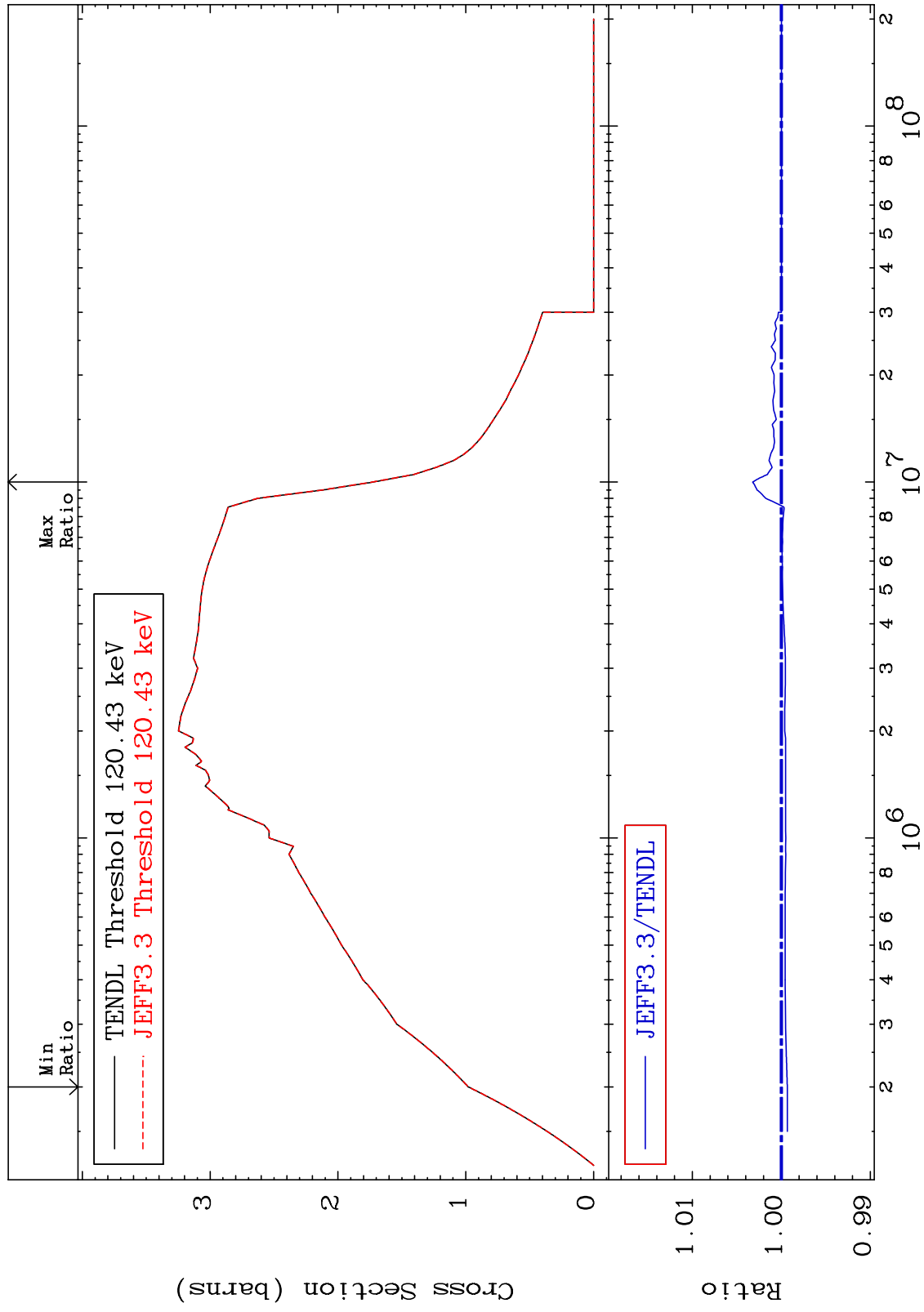


MAT 7625 Elastic Cross Section 76-0s-184 -99.25 To 1494. %



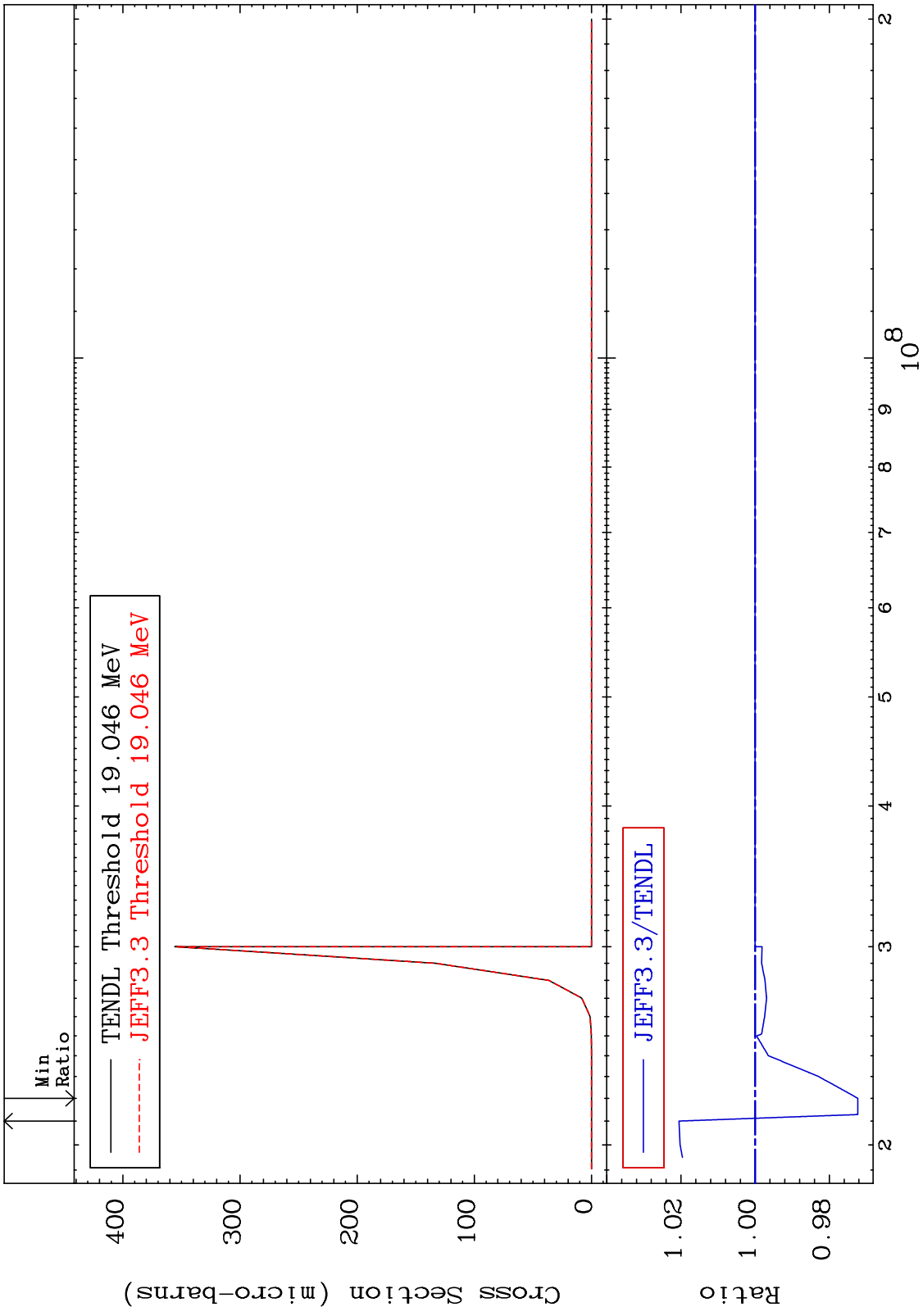
2 76-0s-184

MAT 7625 Inelastic Cross Section 76-0s-184 -0.067 To 0.323 %

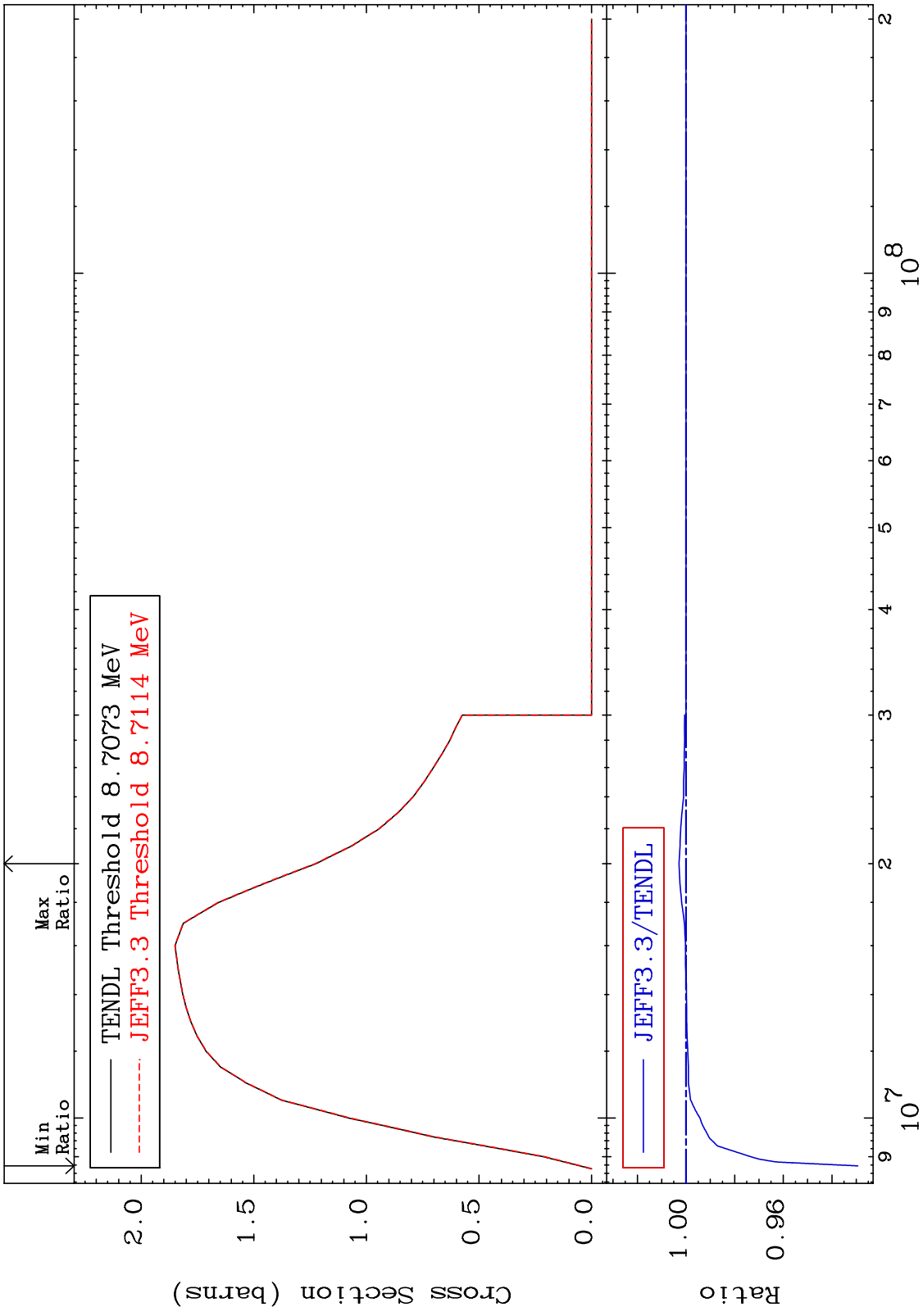


3 76-0s-184

MAT 7625 (n,2n) d 76-0s-184
Cross Section -2.769 To 2.052 %

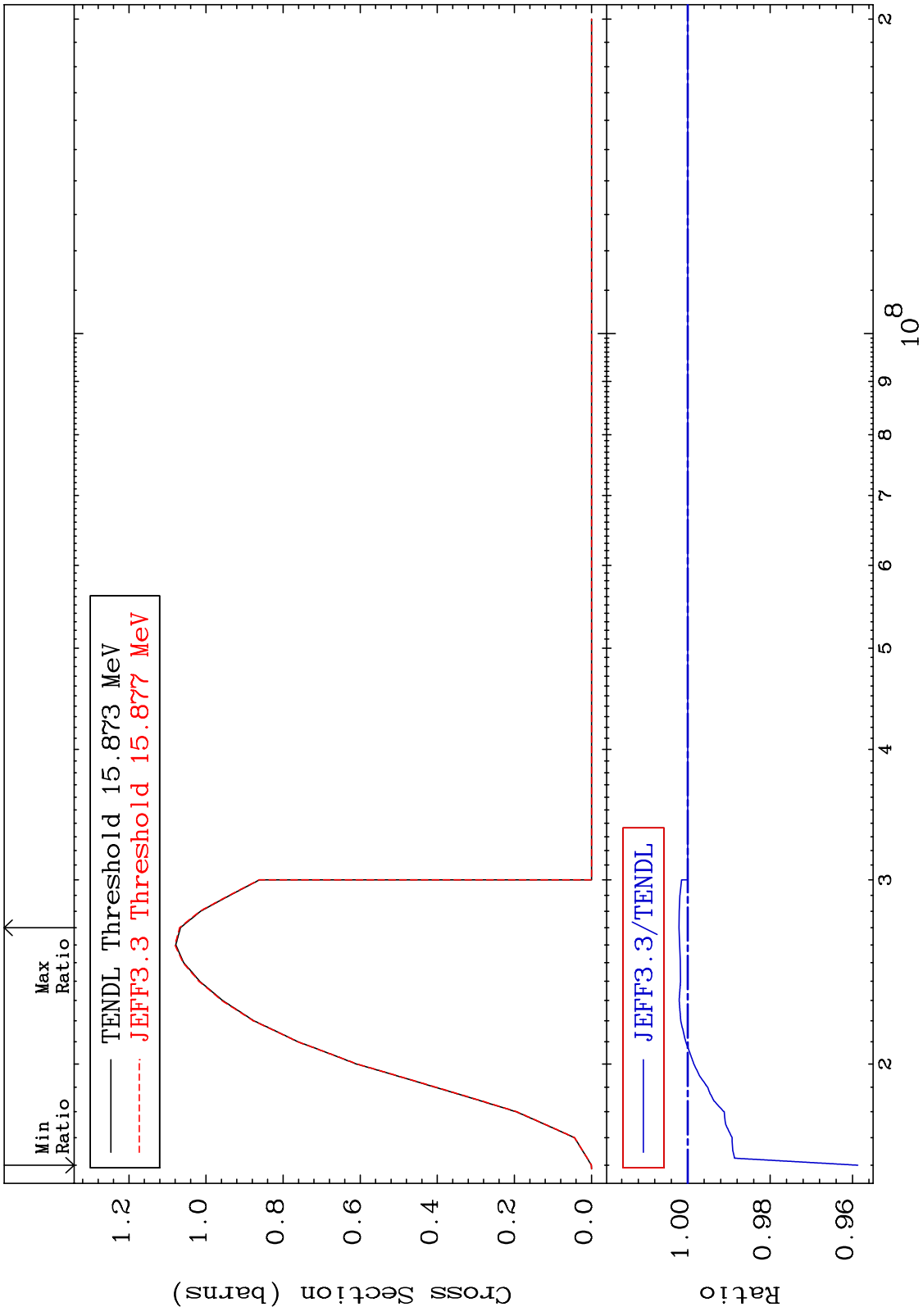


MAT 7625 (n,2n) Cross Section 76-0s-184 -7.067 To 0.286 %



76-0s-184

MAT 7625 $(n, 3n)$ Cross Section $^{76}\text{Os}-184$
 -4.129 To 0.210 %



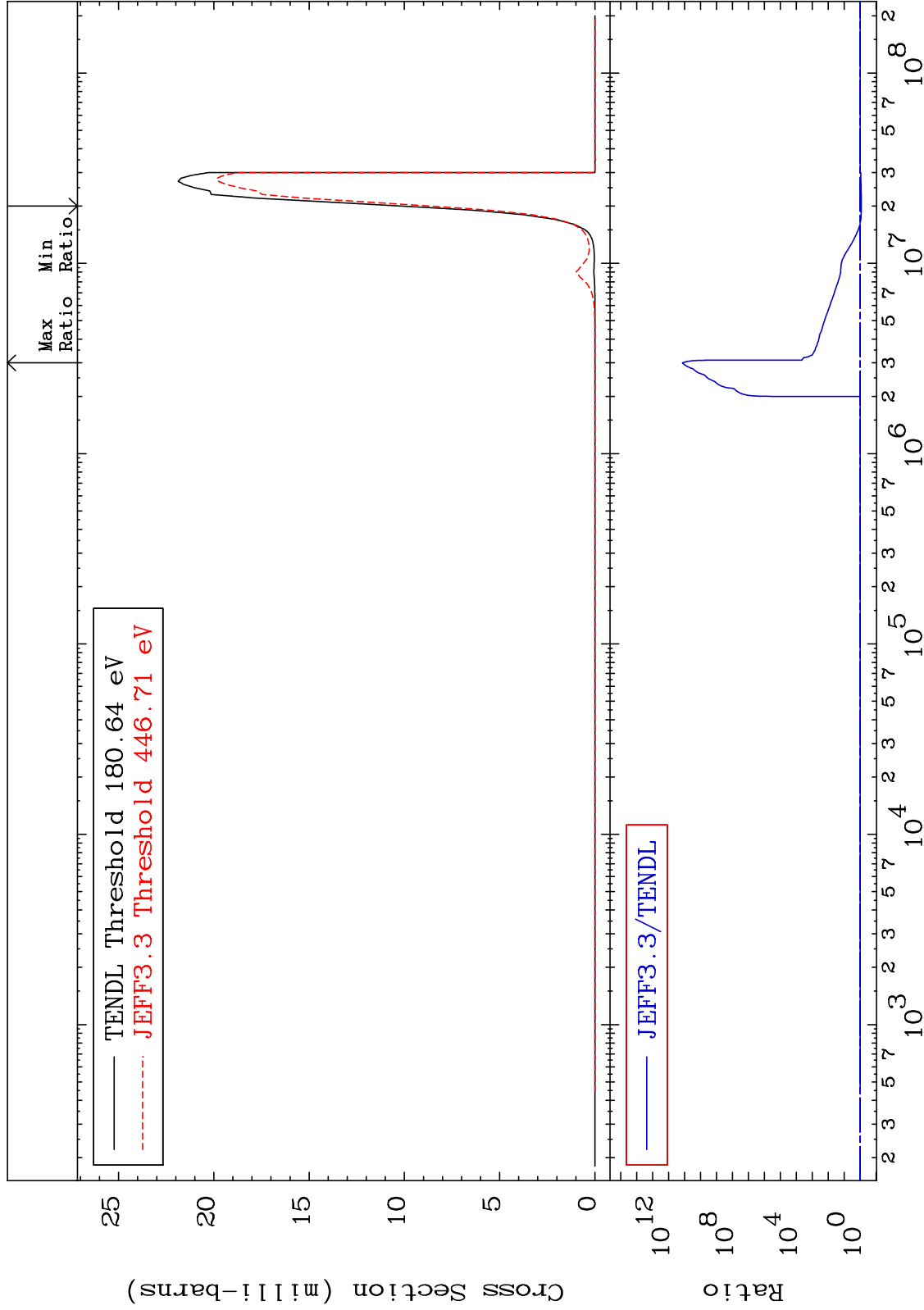
MAT 7625

(n, n') α

76-Os-184

-14.78 To 9999. %

Cross Section

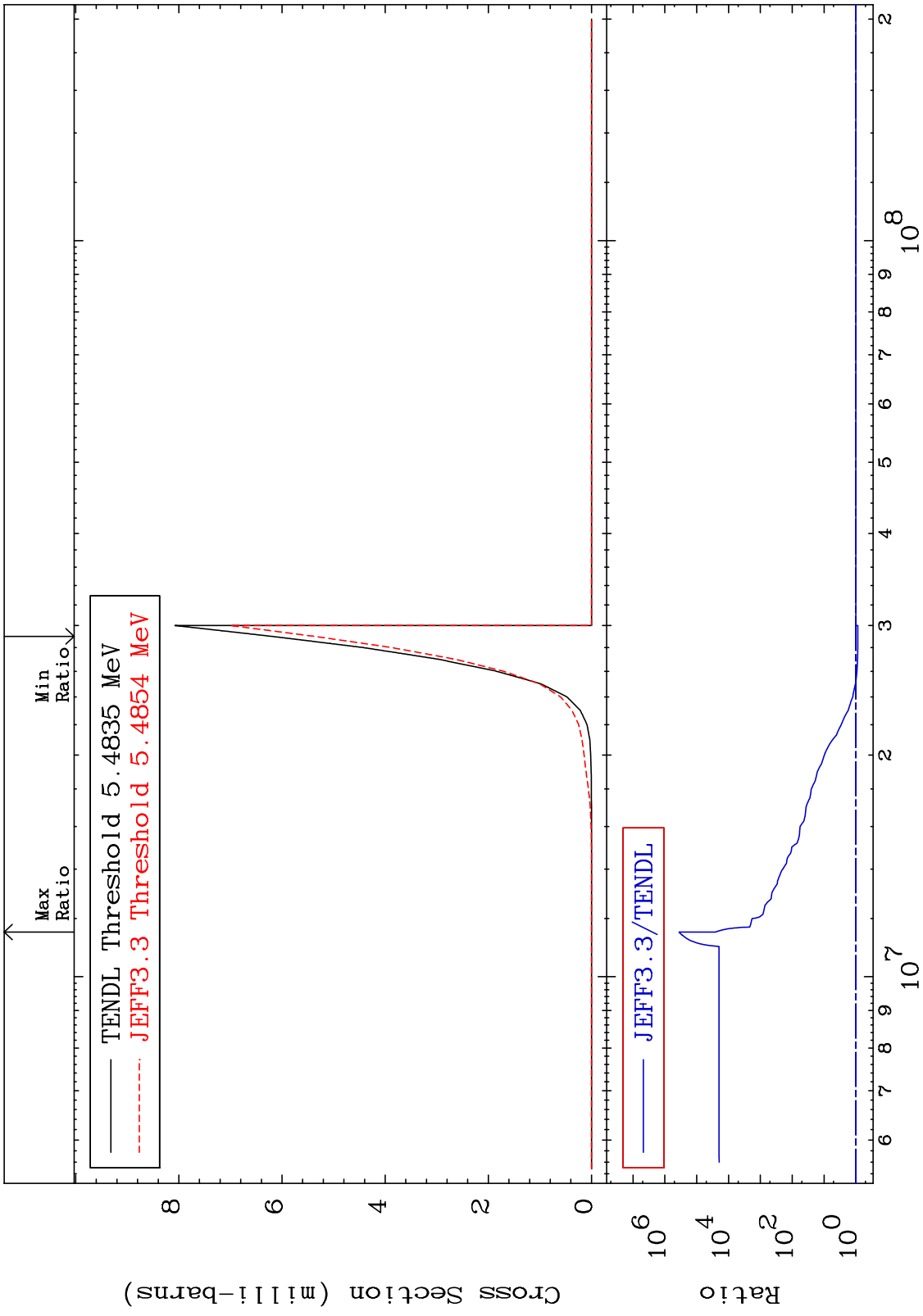


7

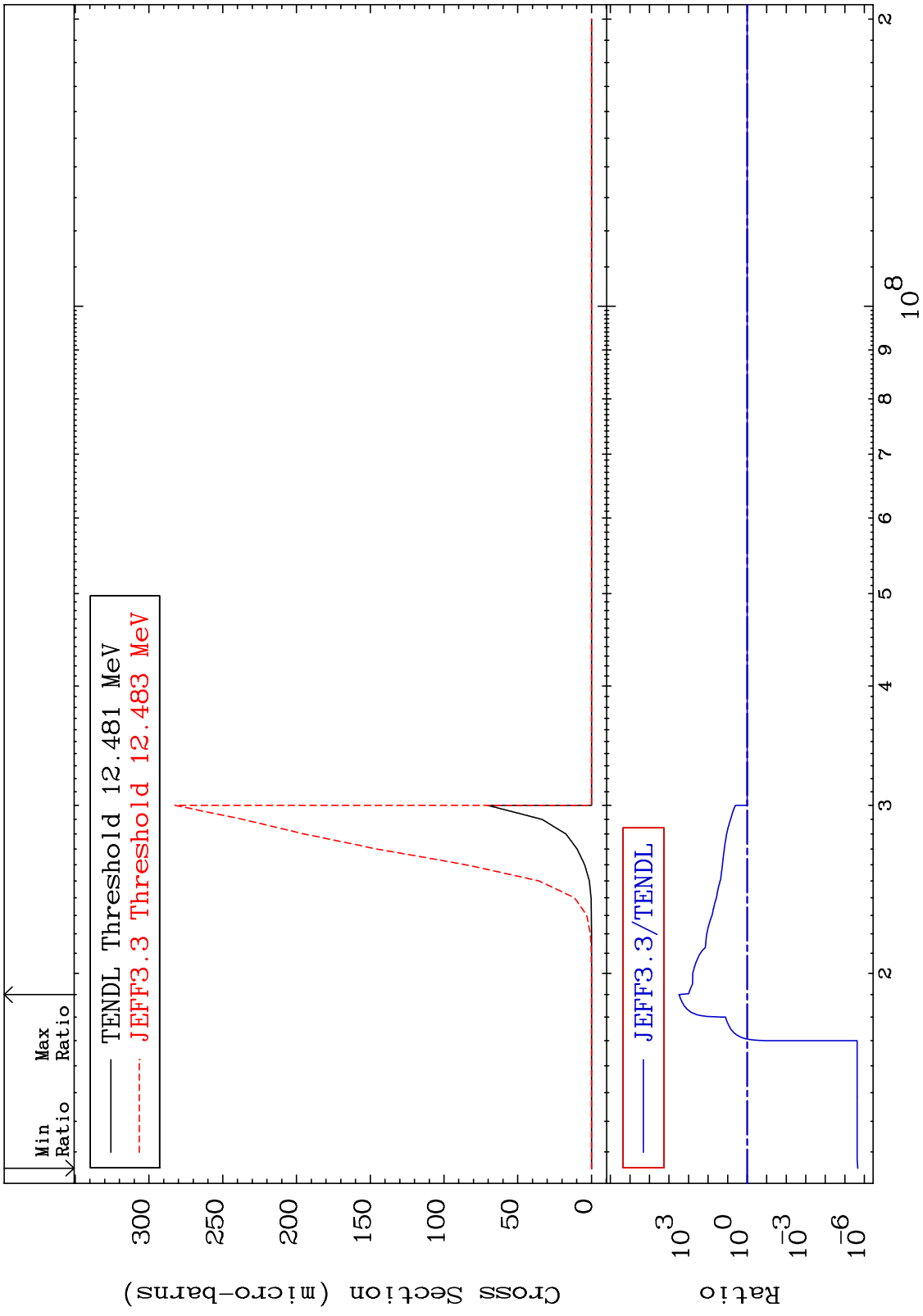
Incident Energy (eV)

76-Os-184

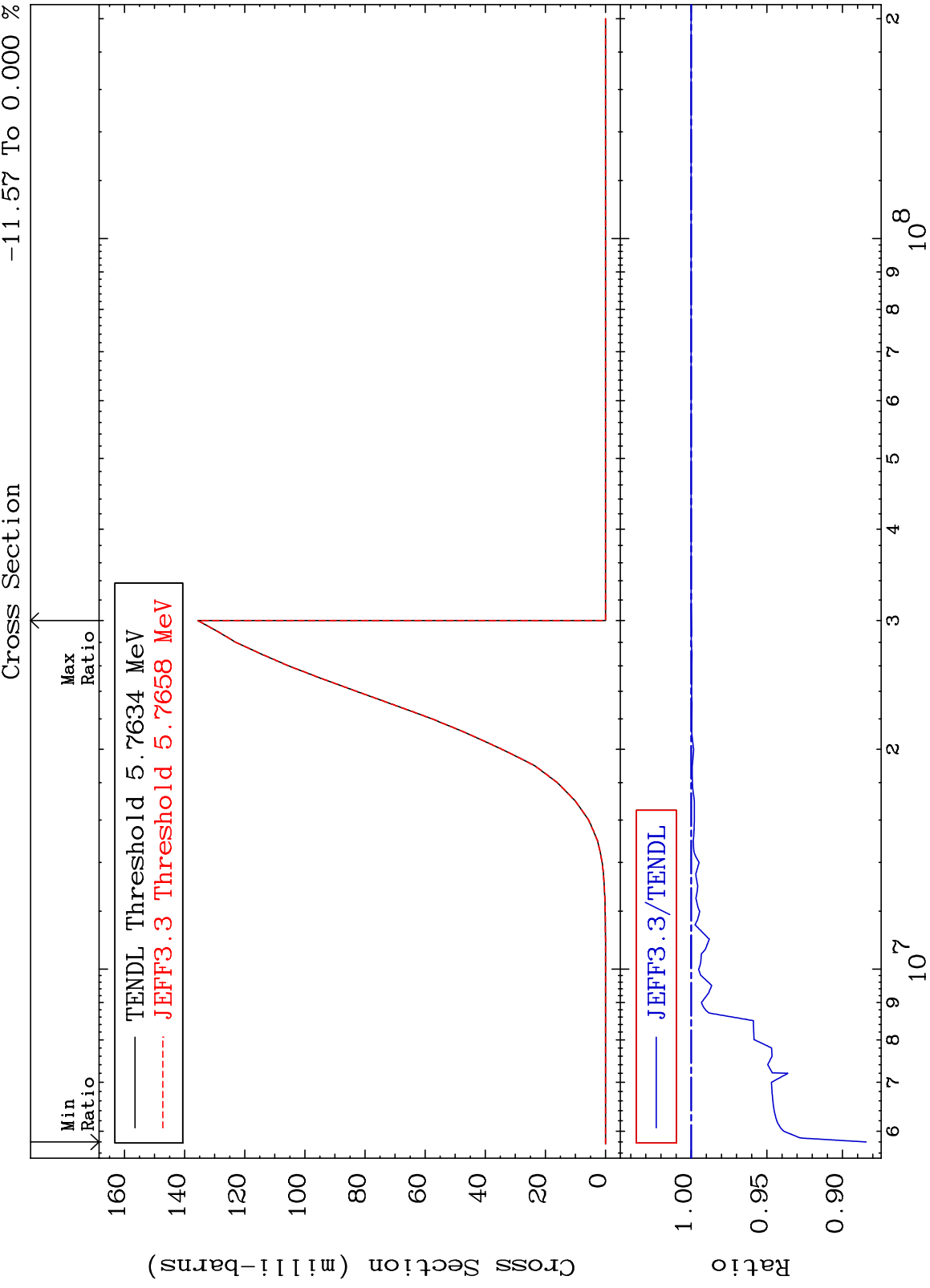
MAT 7625 $(n, 2n) \alpha$ 76-Os-184
Cross Section -13.32 To 9999. %



MAT 7625 (n,3n) α 76-Os-184
 Cross Section -100.0 To 9999. %

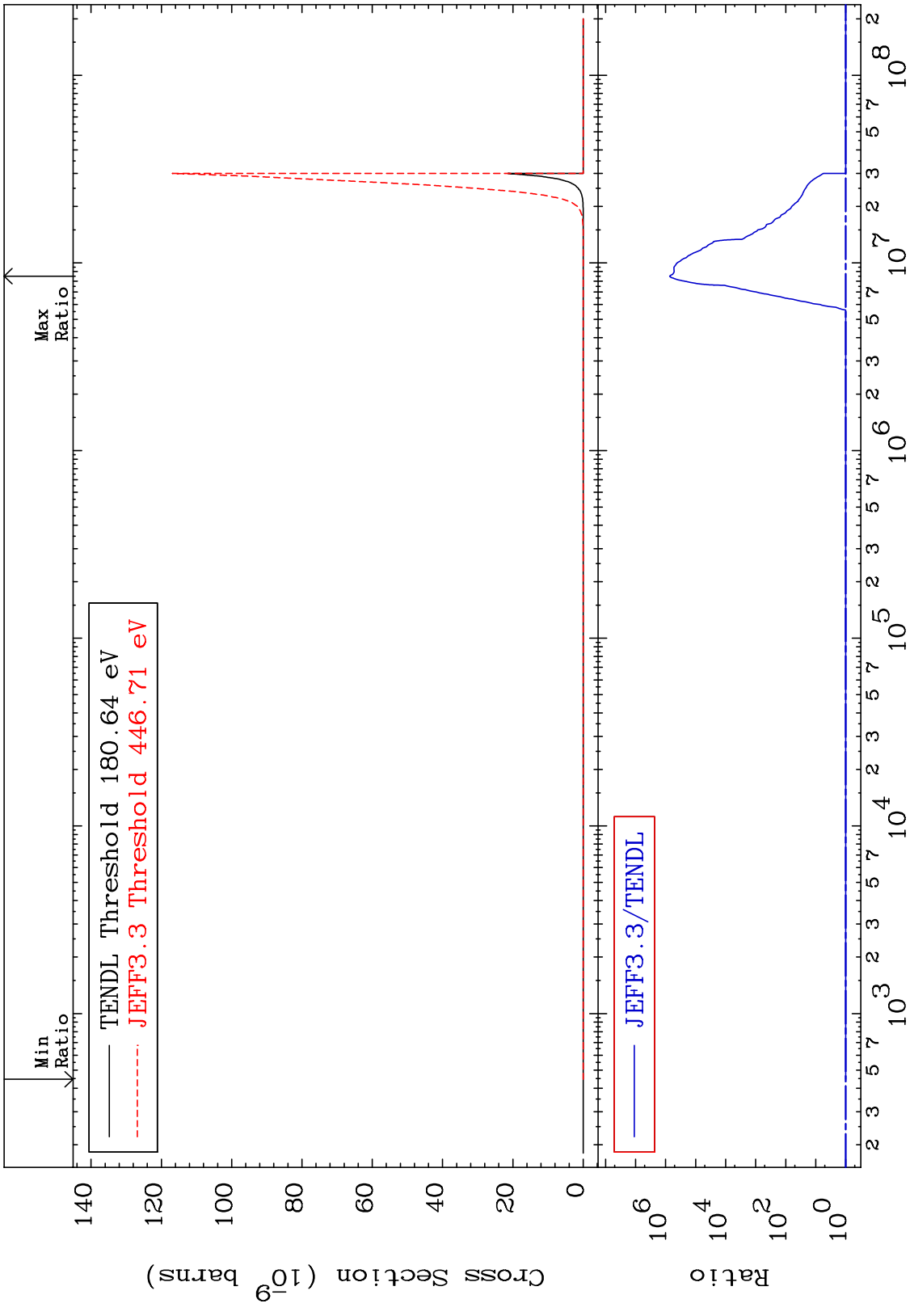


MAT 7625 (n,n') p 76-Os-184 -11.57 To 0.000 %

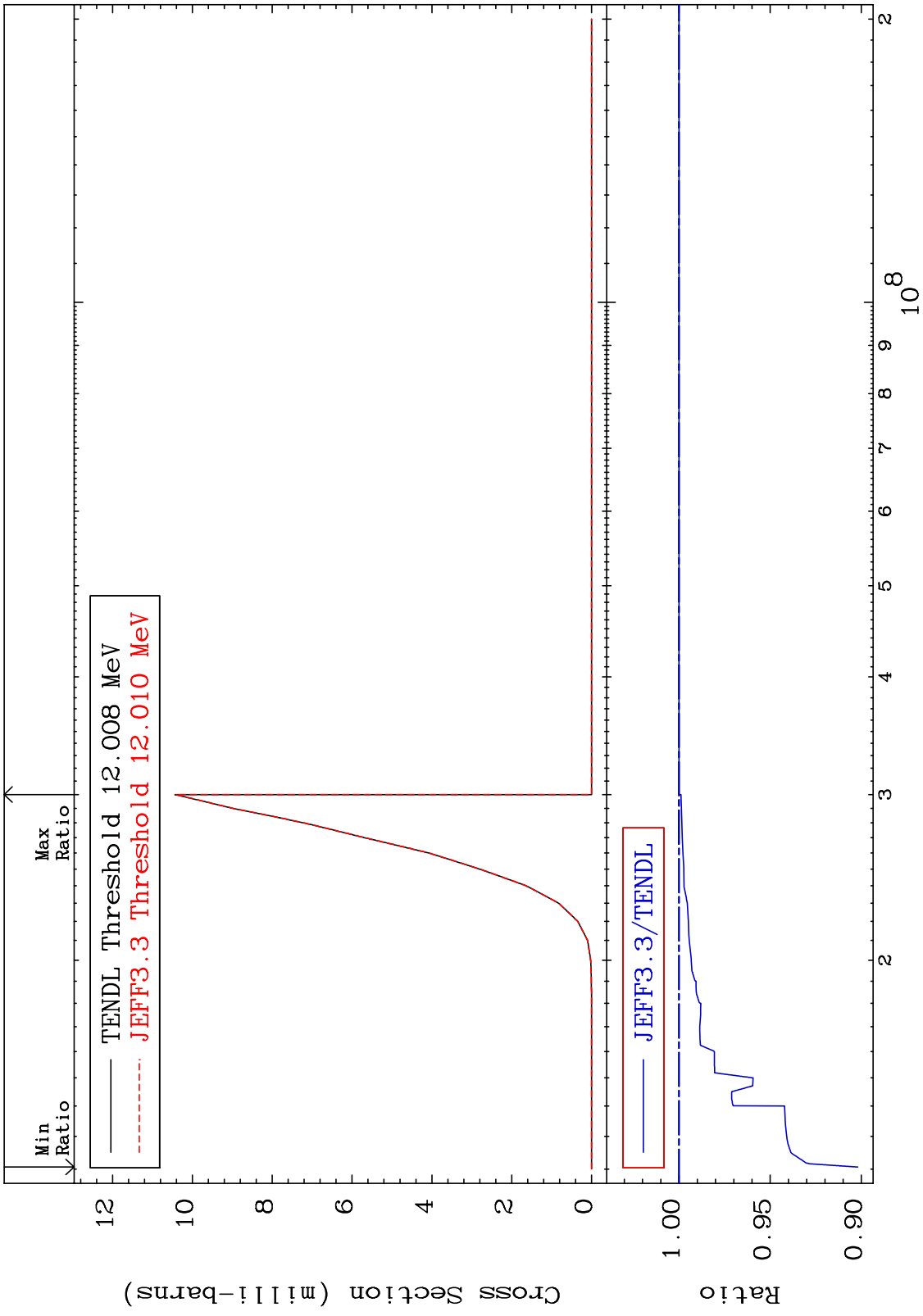


76-Os-184

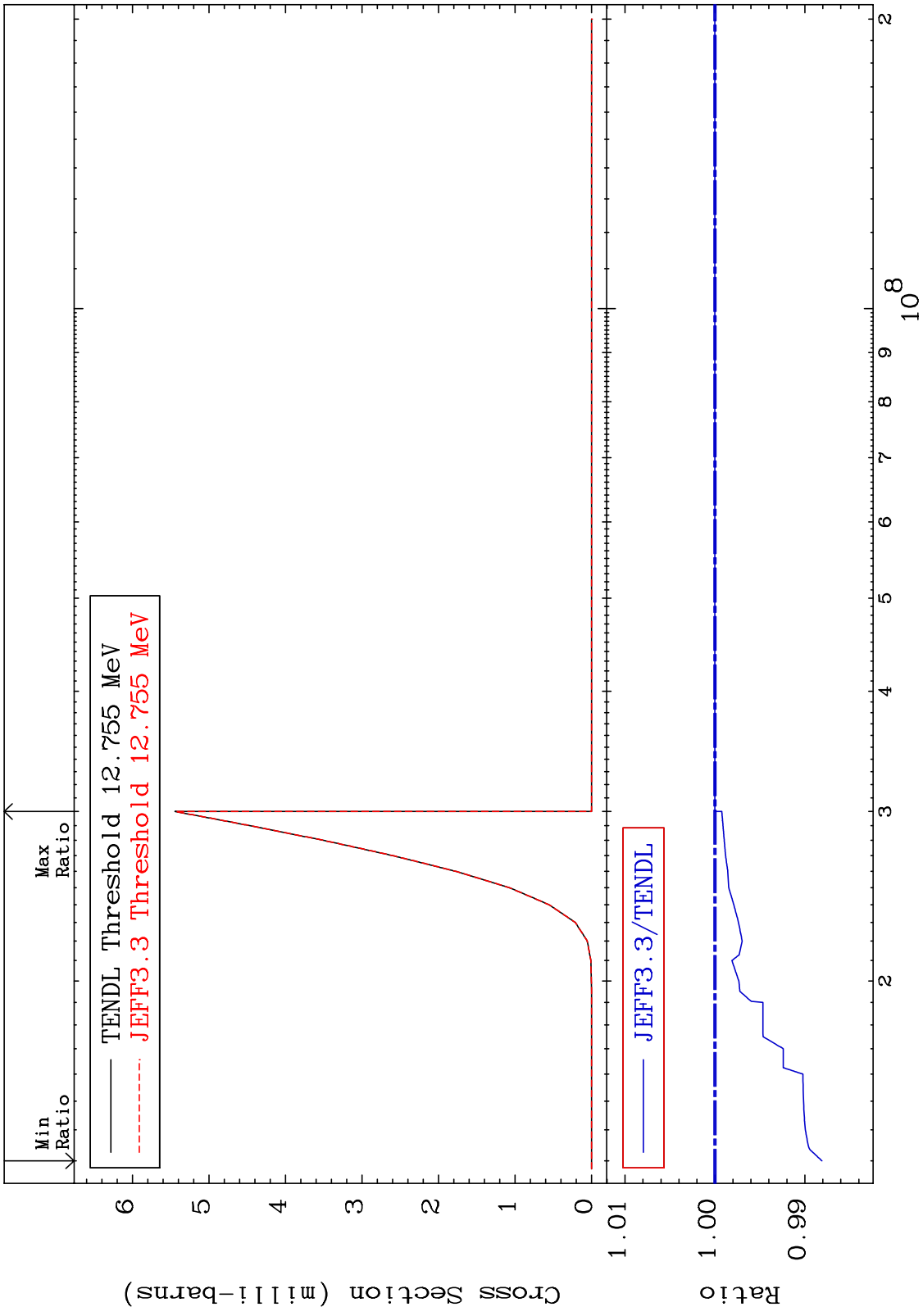
MAT 7625 (n,n') 2α Cross Section 76-Os-184 To 9999. %



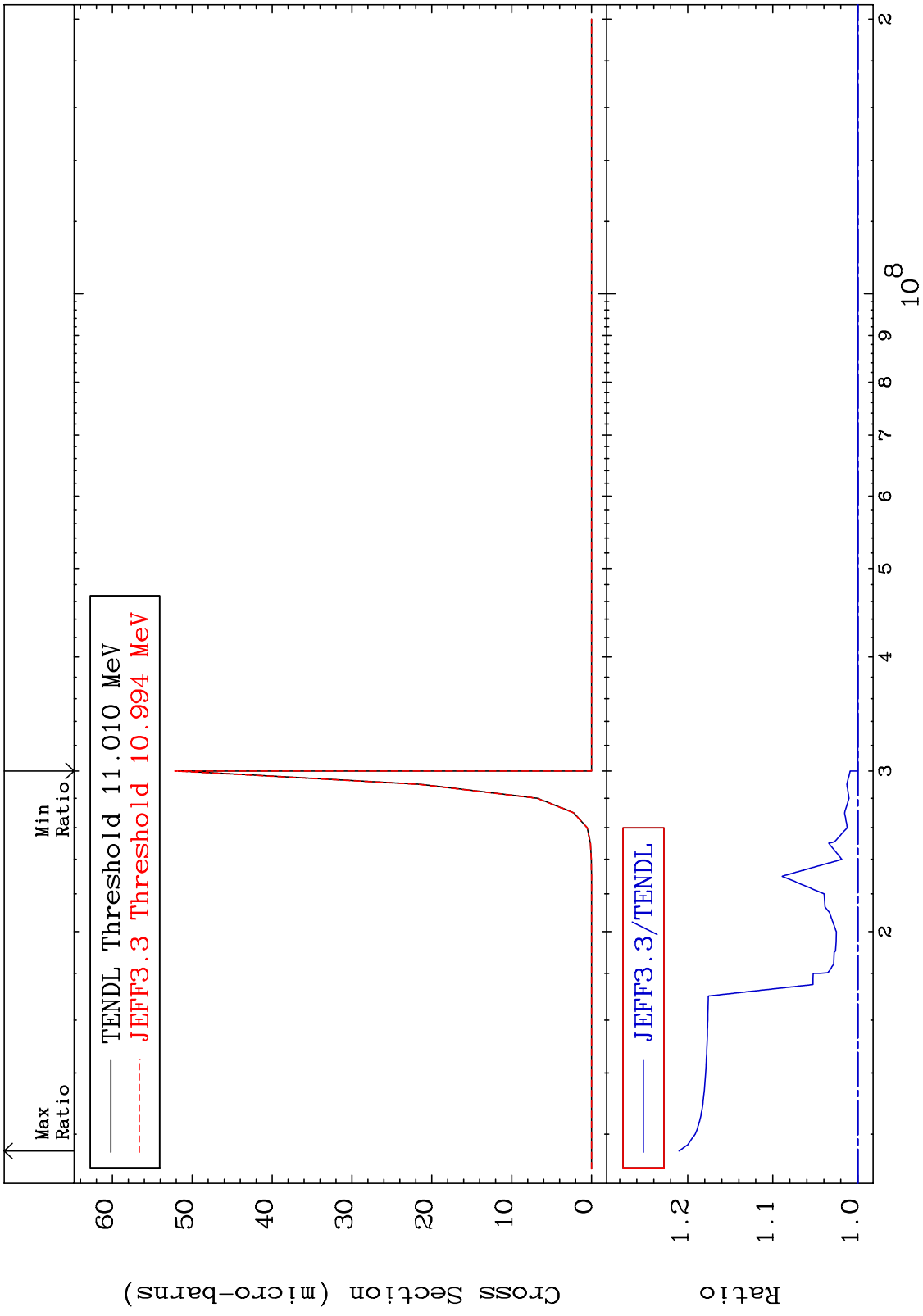
MAT 7625 (n,n') d 76-0s-184
 Cross Section -9.806 To 0.000 %



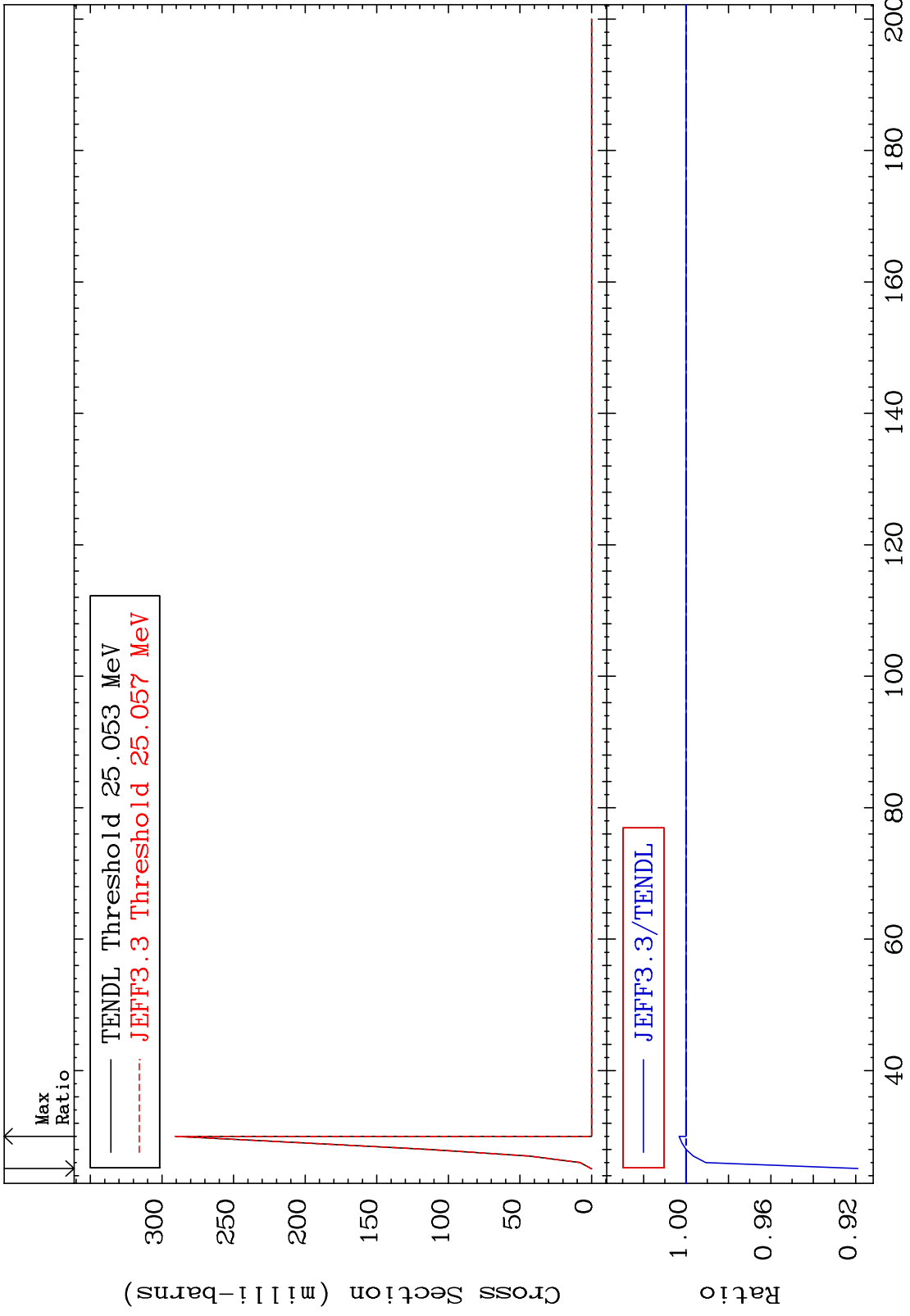
MAT 7625 (n,n') t 76-0s-184
 Cross Section -1.190 To 0.000 %



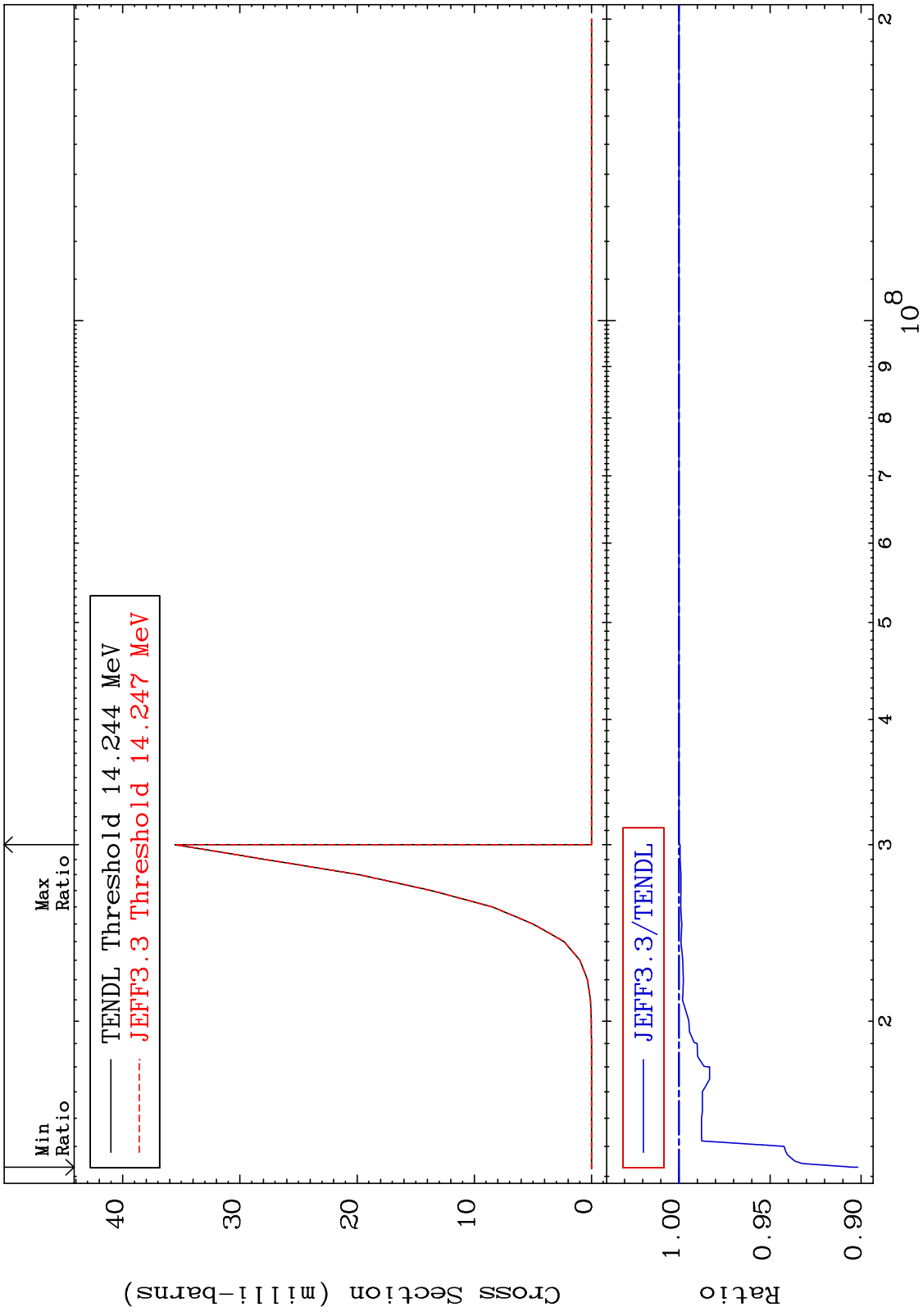
MAT 7625 (n, n') He-3 Cross Section 76-Os-184 To 21.03 %
 0.000



MAT 7625 (n,4n) Cross Section 76-Os-184 -8.103 To 0.331 %



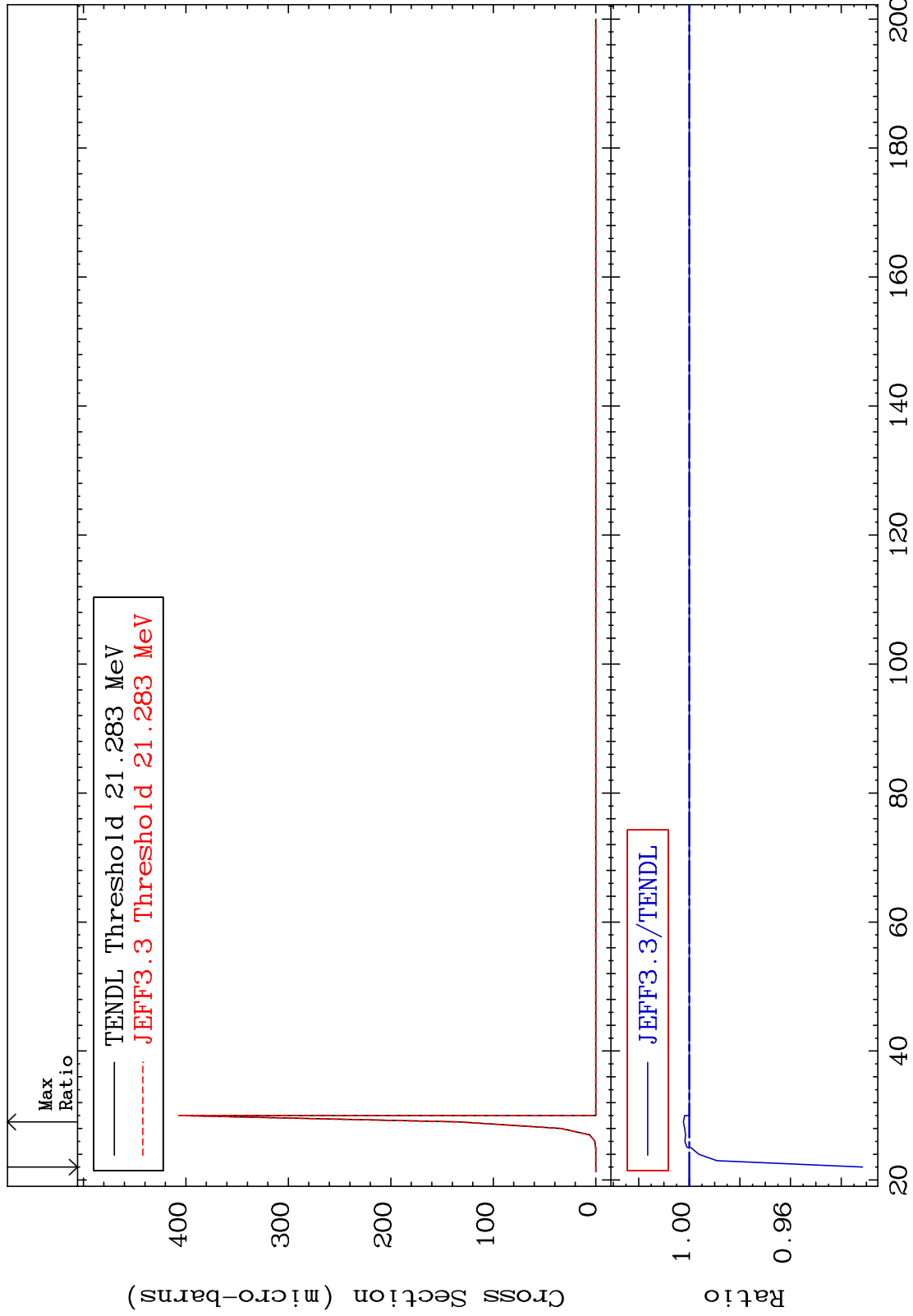
MAT 7625 (n,2n) p 76-0s-184
 Cross Section -9.825 To 0.000 %



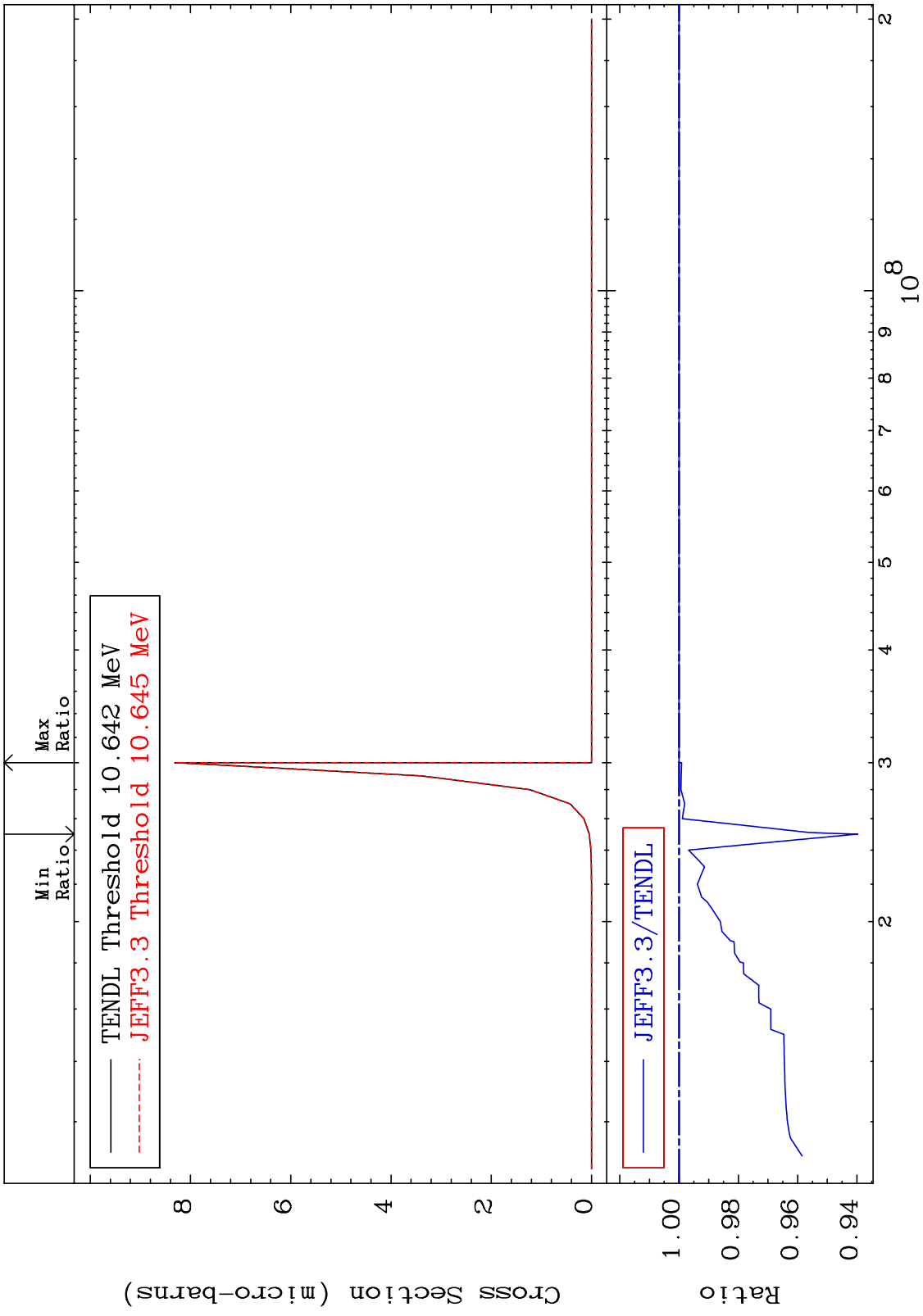
MAT 7625

(n,3n) p
Cross Section

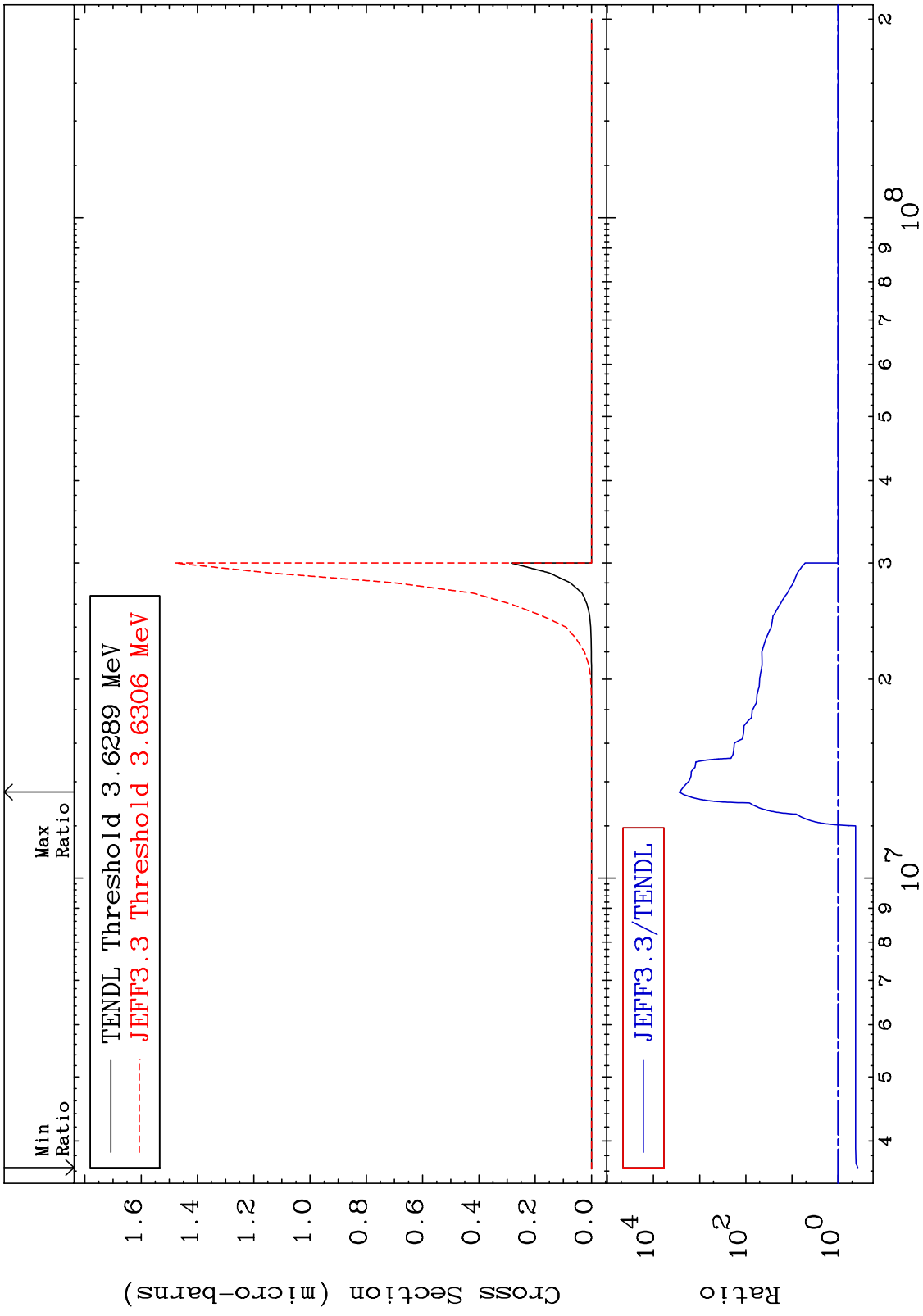
76-0s-184
-6.842 To 0.230 %



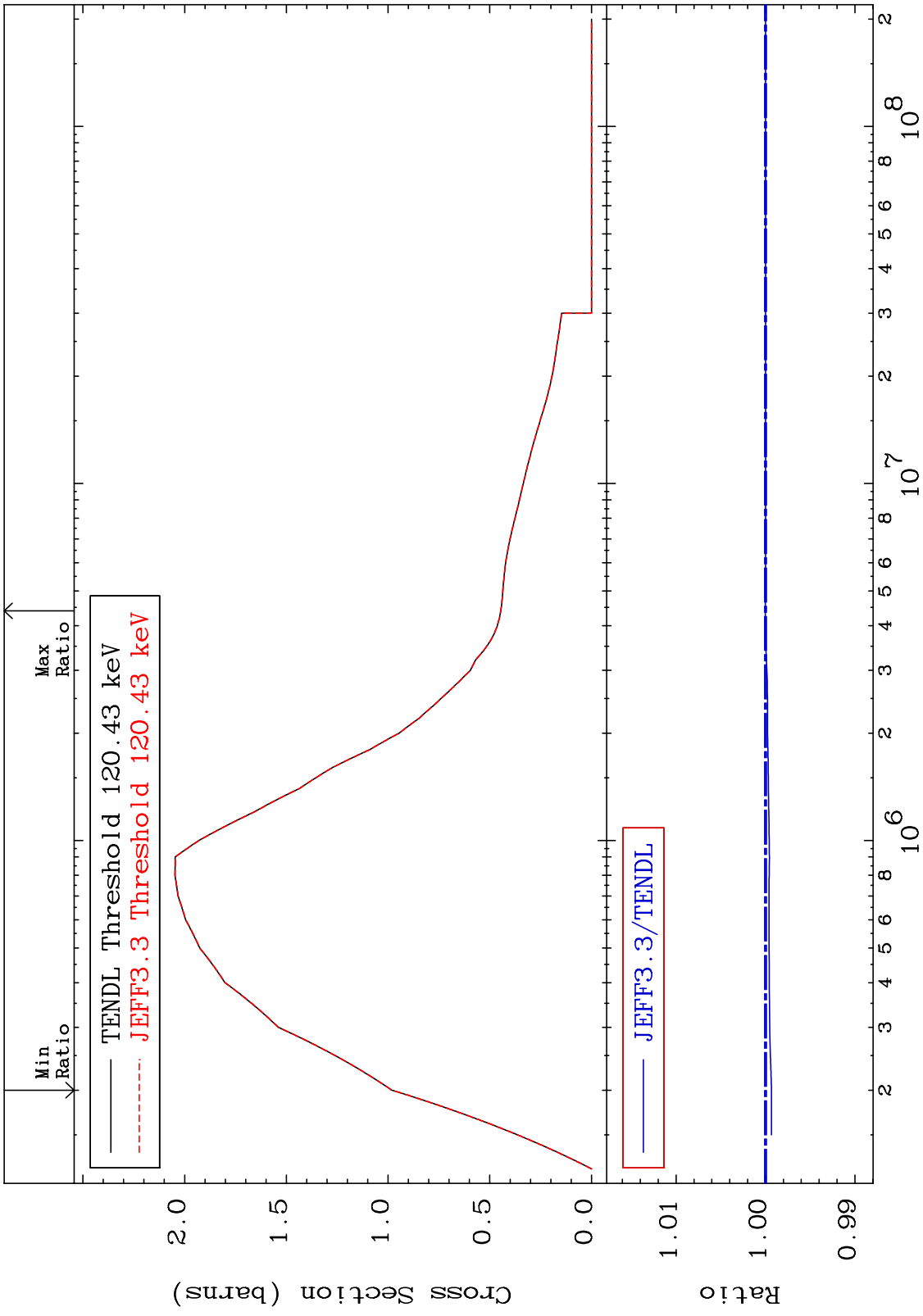
MAT 7625 (n,2n) p 76-0s-184
 Cross Section -6.030 To 0.000 %



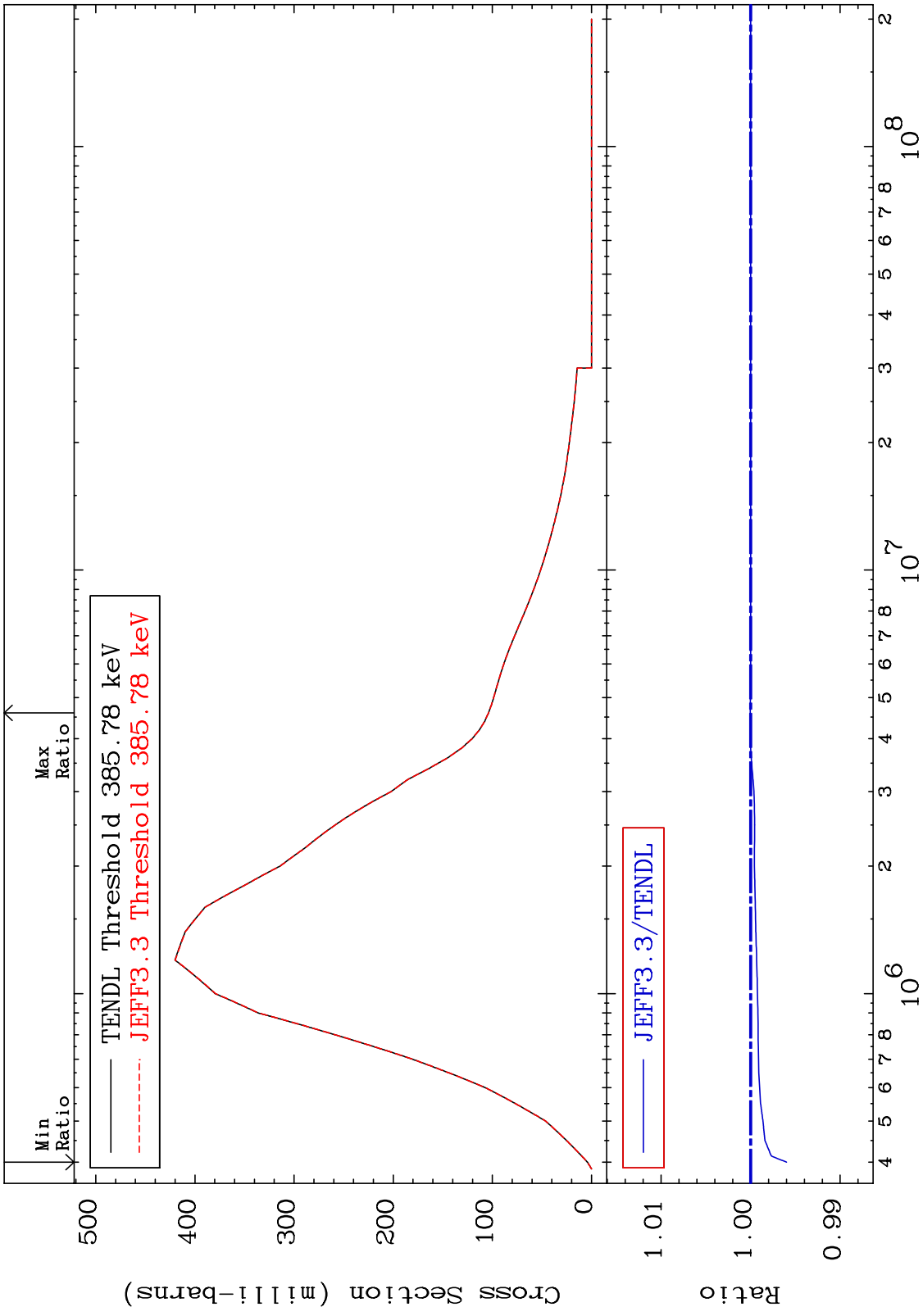
MAT 7625 (n,n') p α 76-Os-184
 Cross Section -62.48 To 9999. %



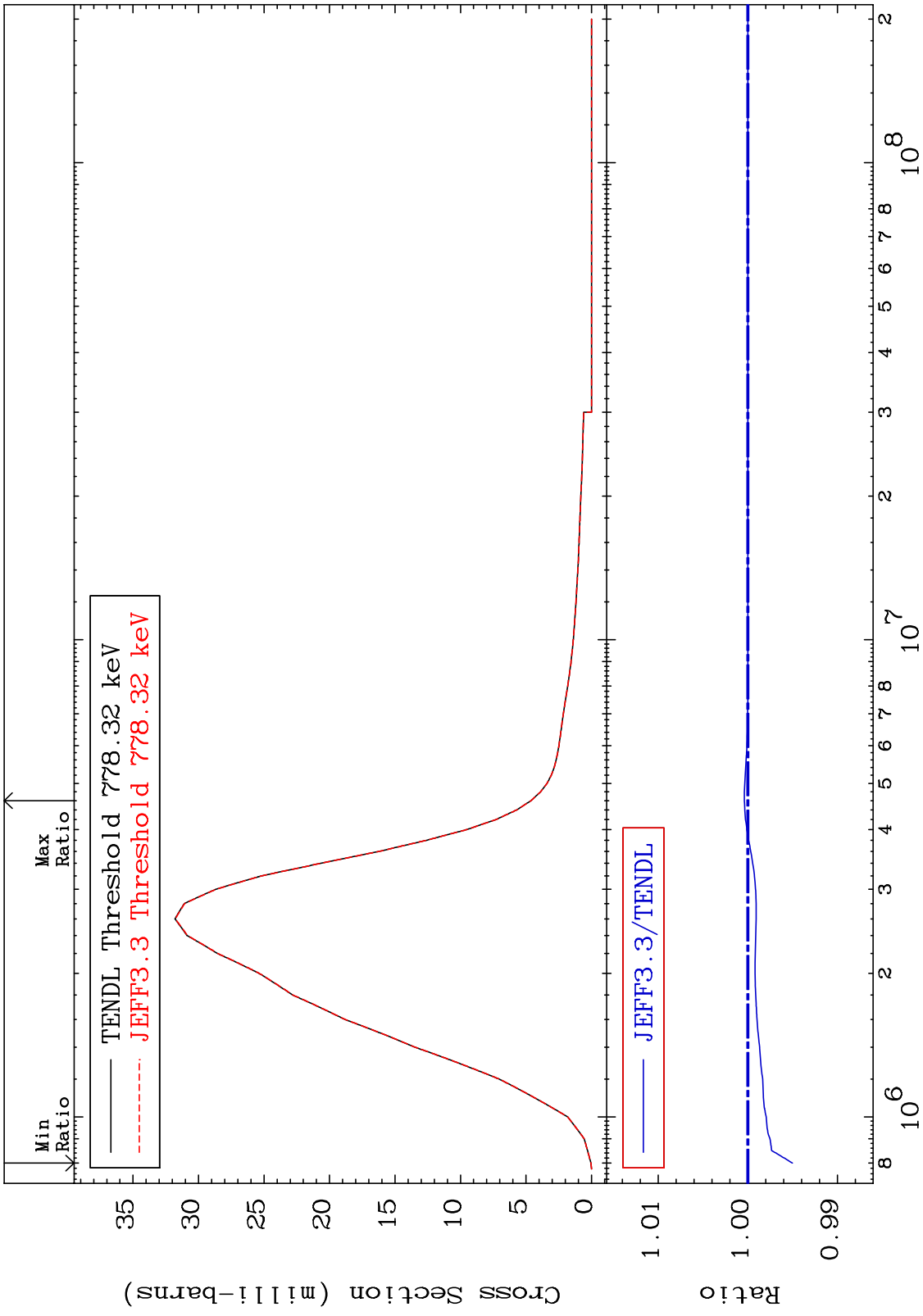
MAT 7625 MT= 51 (n,n') Level Cross Section 76-0s-184
 -0.067 To 0.001 %



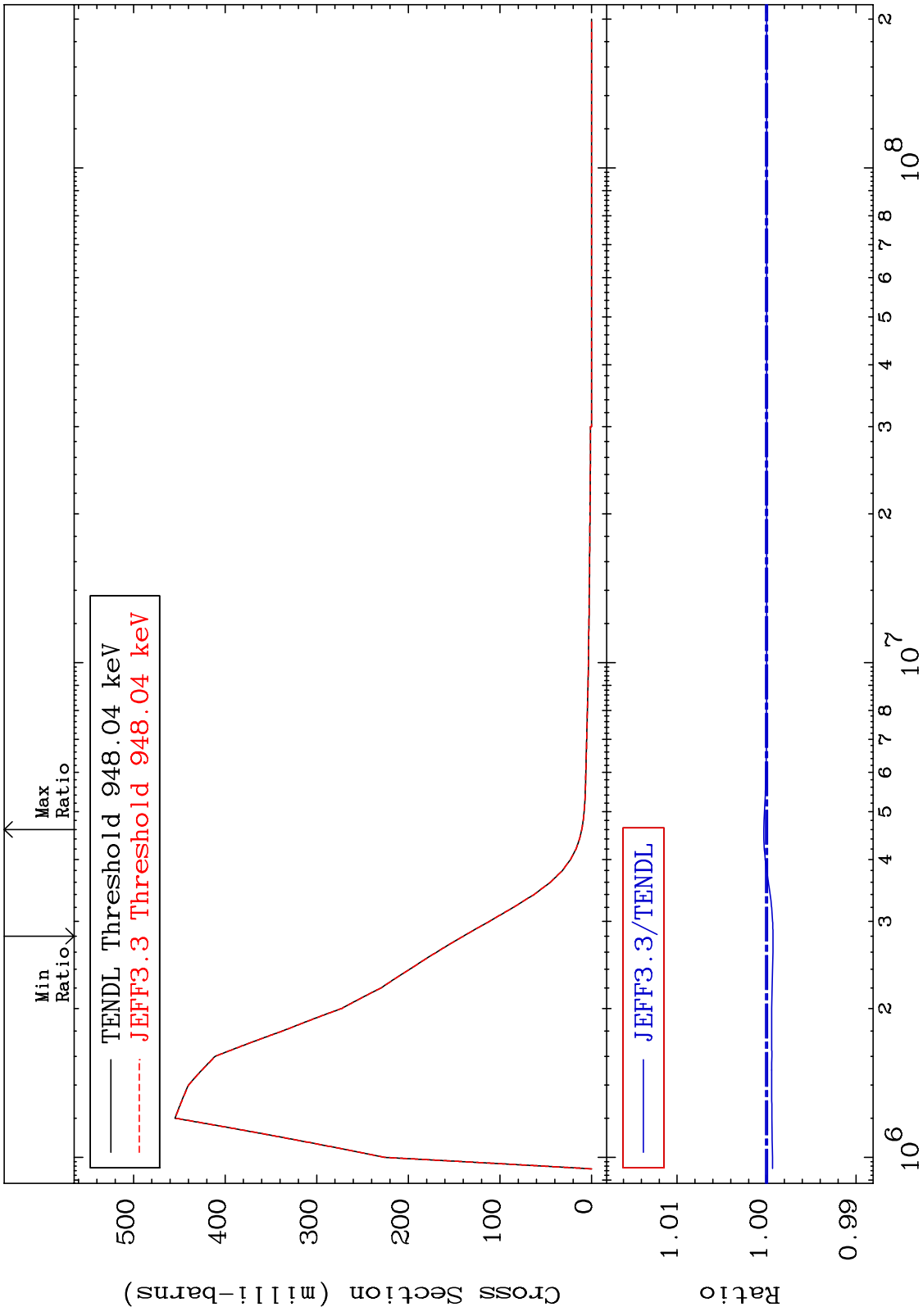
MAT 7625 MT= 52 (n,n') Level Cross Section 76-0s-184
 -0.402 To 0.004 %



MAT 7625 MT= 53 (n,n') Level Cross Section 76-0s-184
 -0.498 To 0.039 %

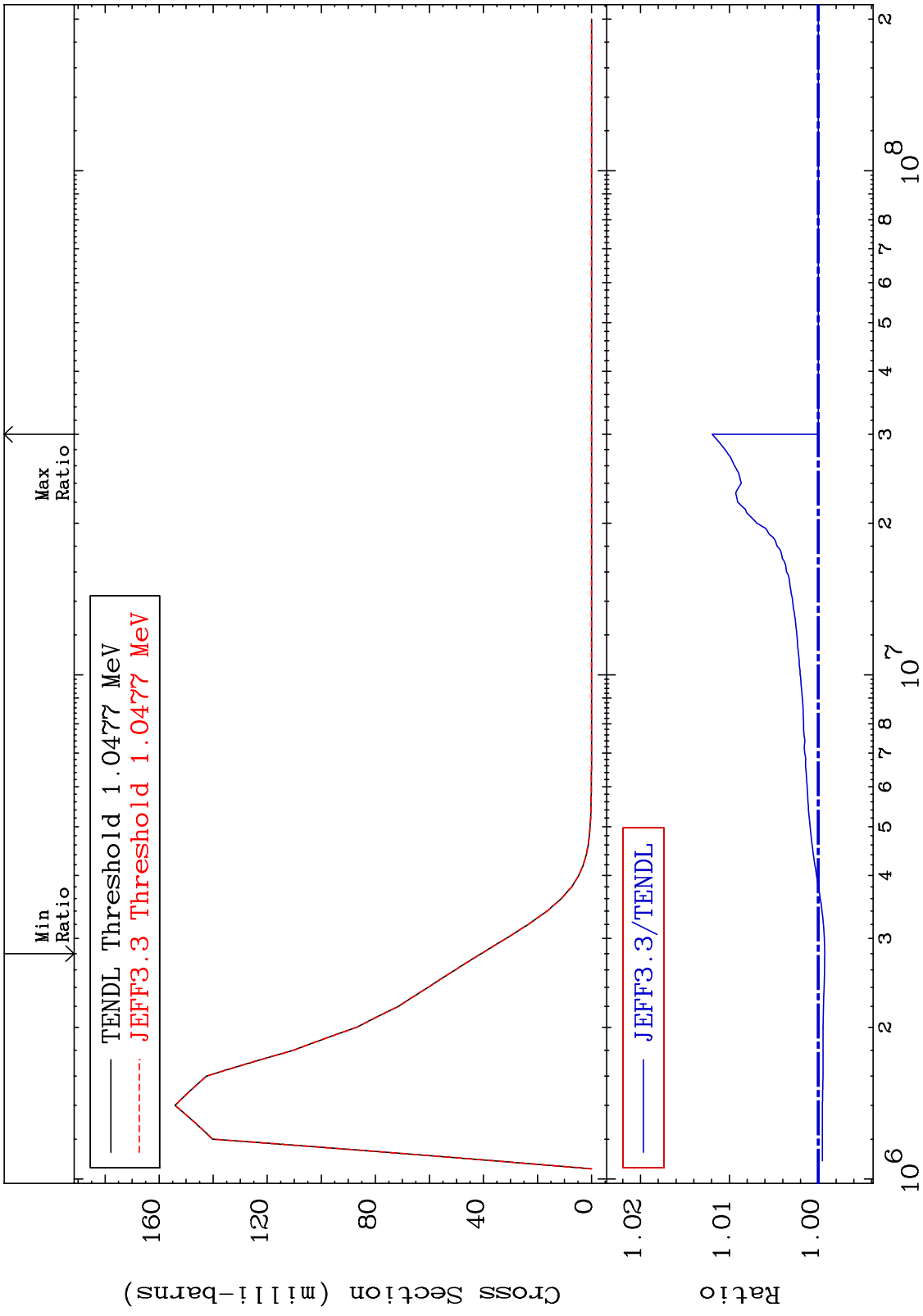


MAT 7625 MT= 54 (n,n') Level Cross Section 76-0s-184
 -0.073 To 0.030 %

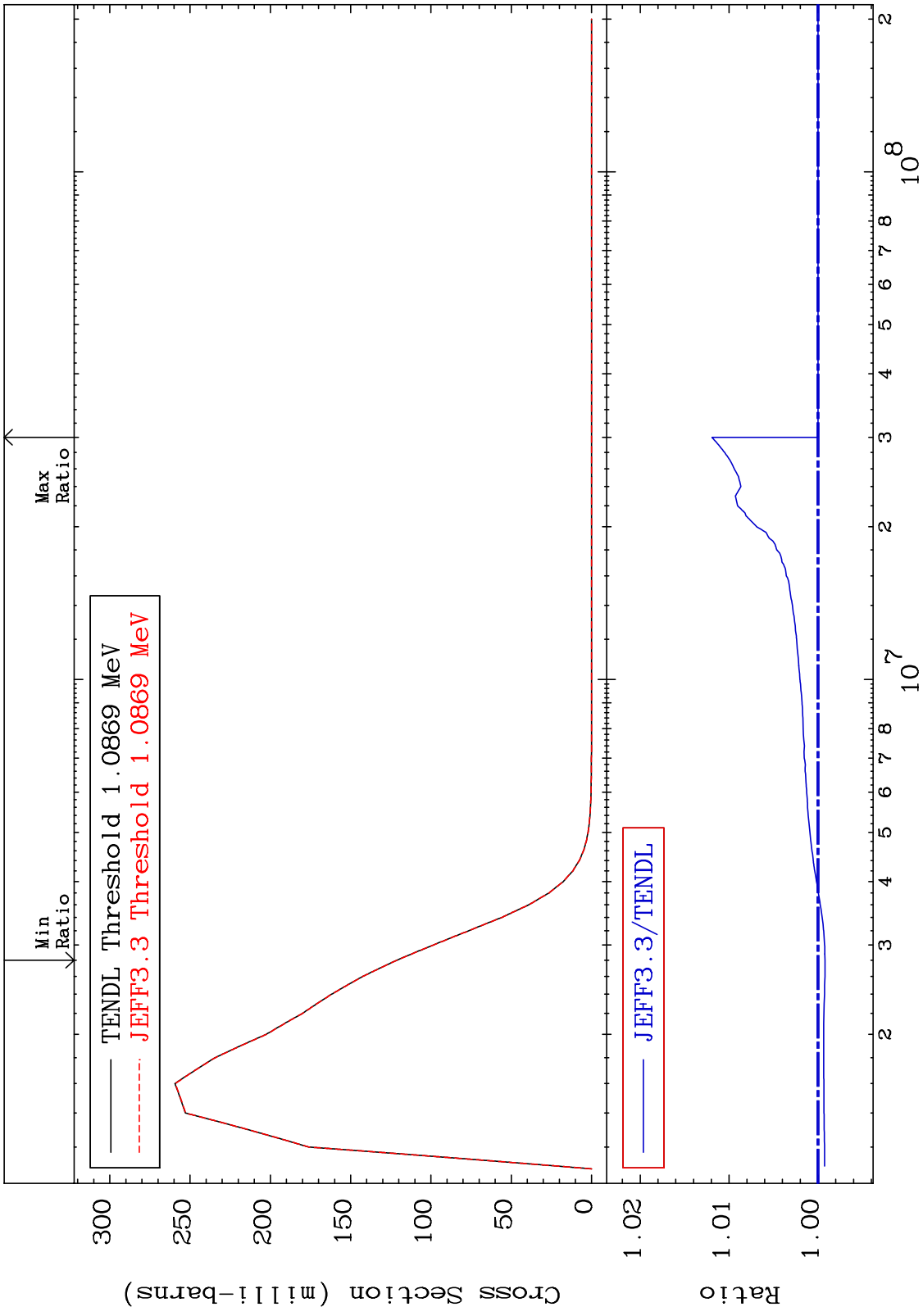


23 76-0s-184 Incident Energy (eV)

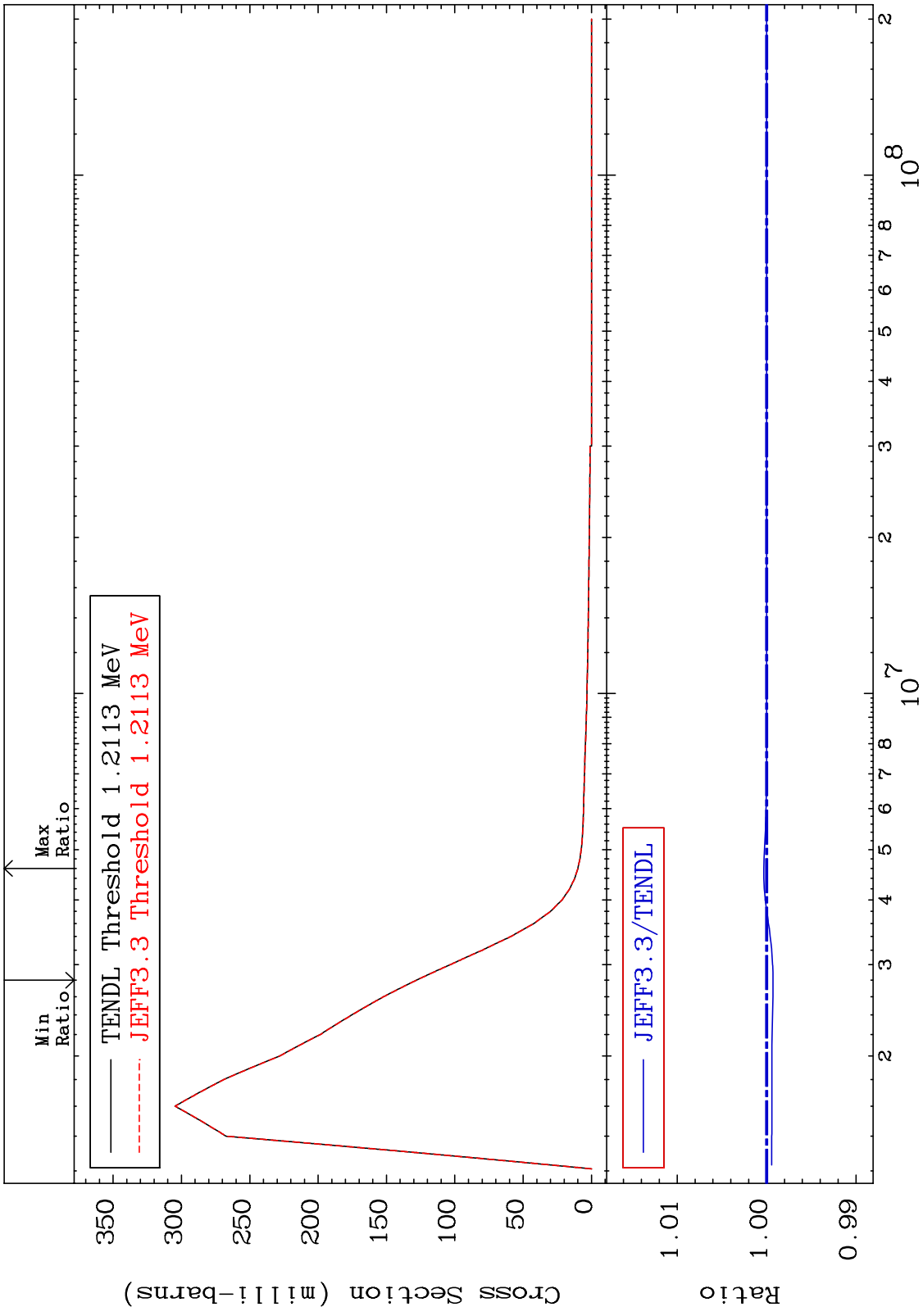
MAT 7625 MT= 55 (n,n') Level Cross Section 76-0s-184
 -0.072 To 1.194 %



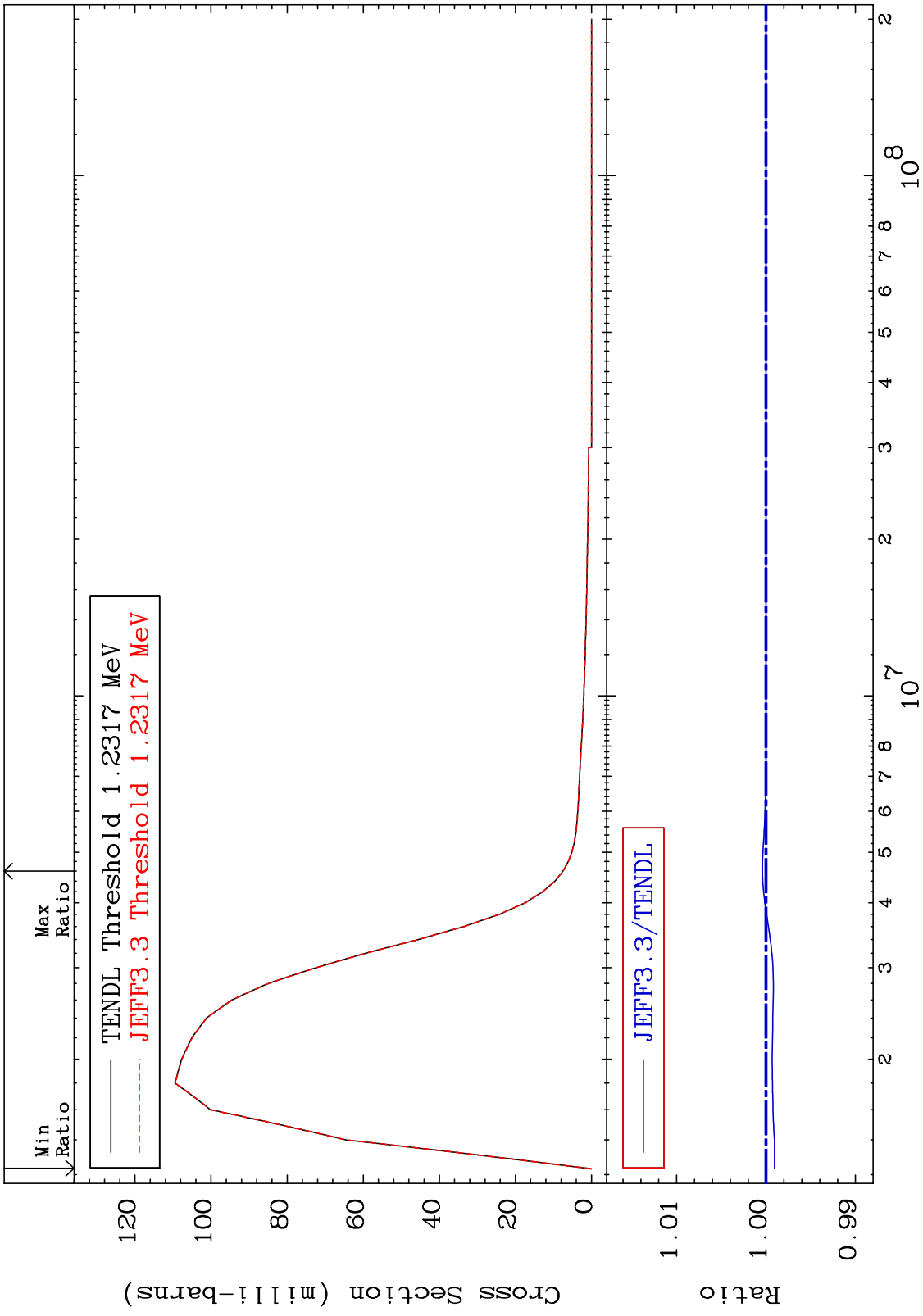
MAT 7625 MT= 56 (n,n') Level Cross Section 76-0s-184
 -0.078 To 1.194 %



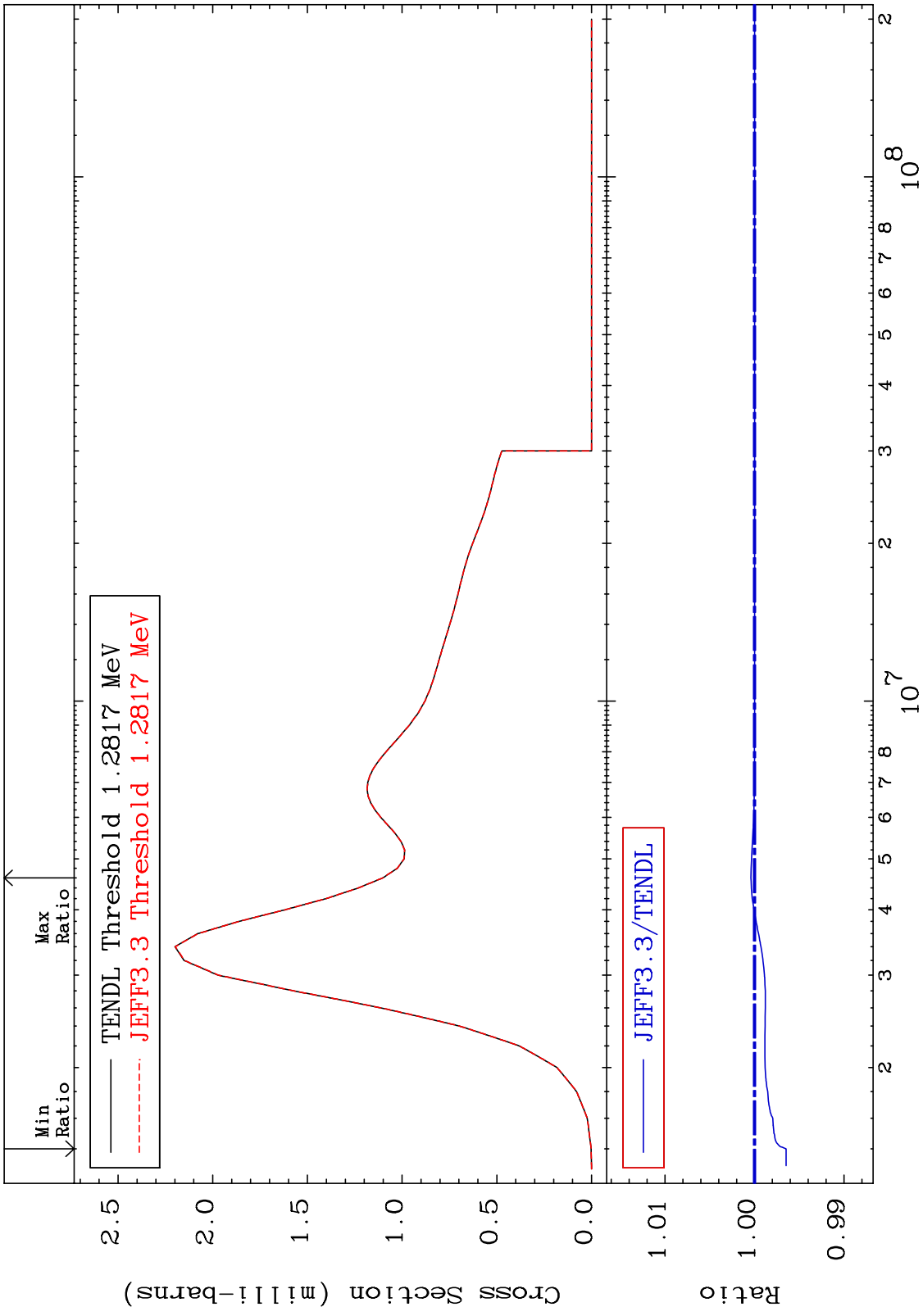
MAT 7625 MT= 57 (n,n') Level Cross Section 76-0s-184 -0.073 To 0.031 %



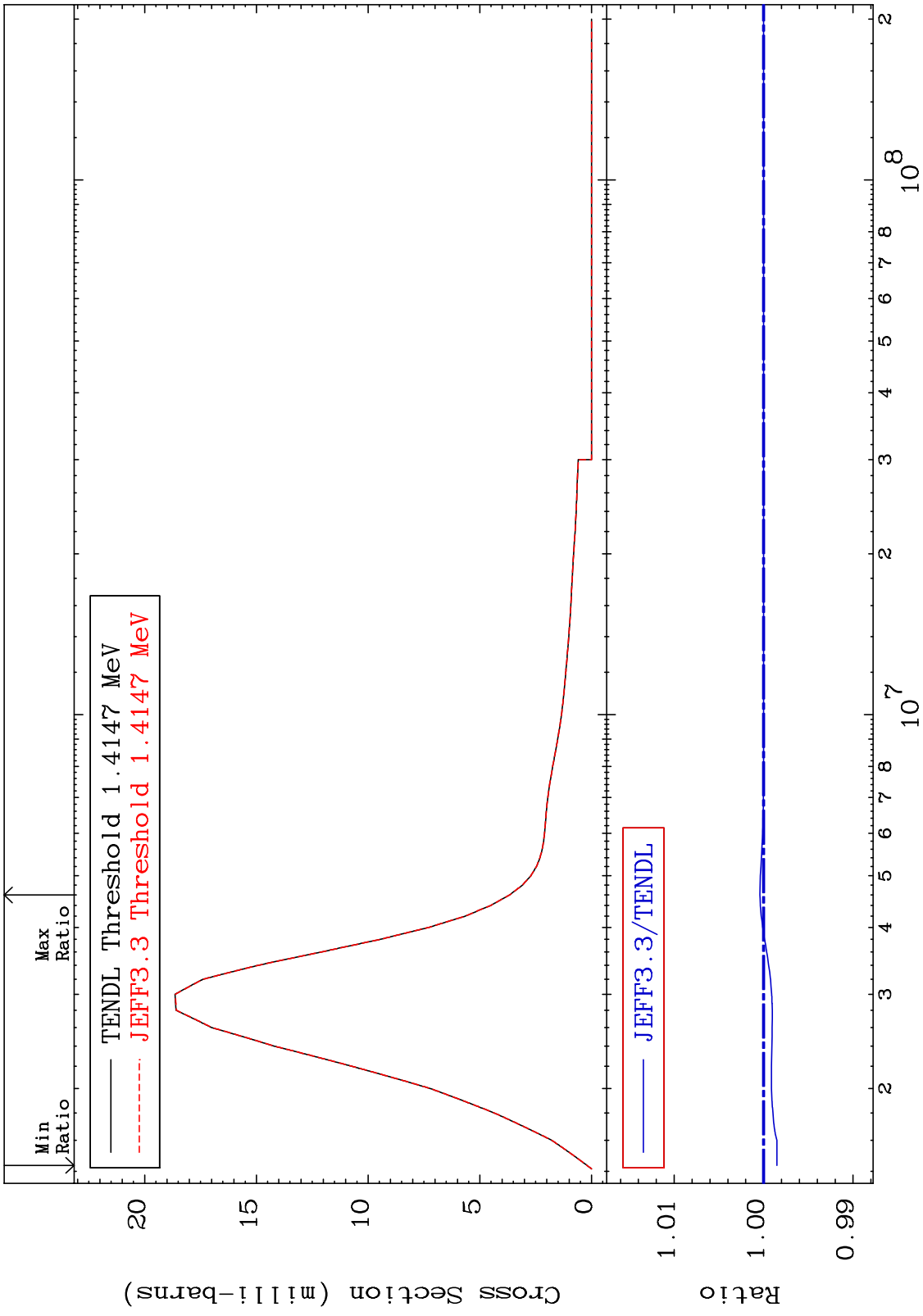
MAT 7625 MT= 58 (n,n') Level Cross Section 76-0s-184
 -0.094 To 0.040 %



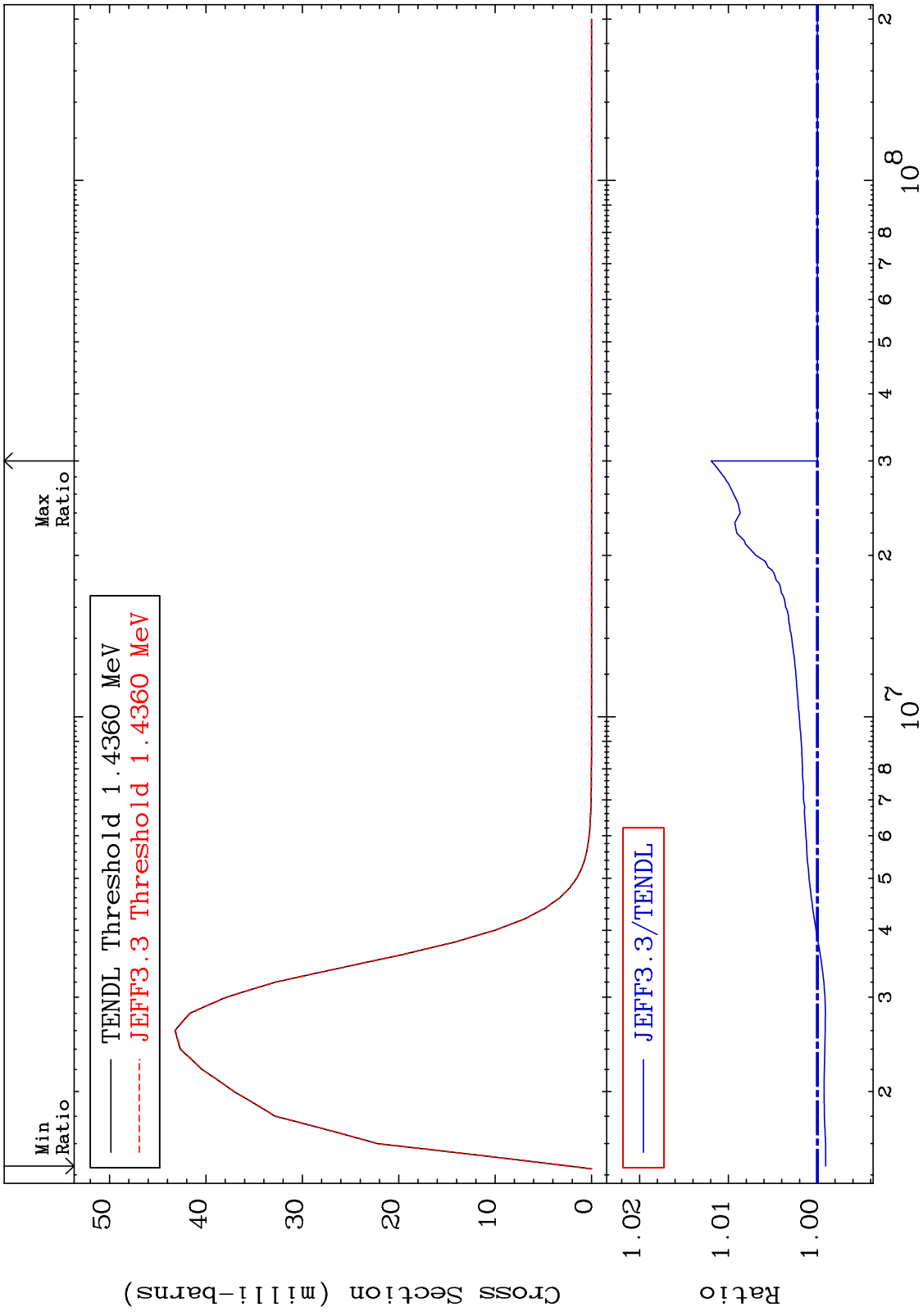
MAT 7625 MT= 59 (n,n') Level Cross Section 76-0s-184 -0.352 To 0.041 %



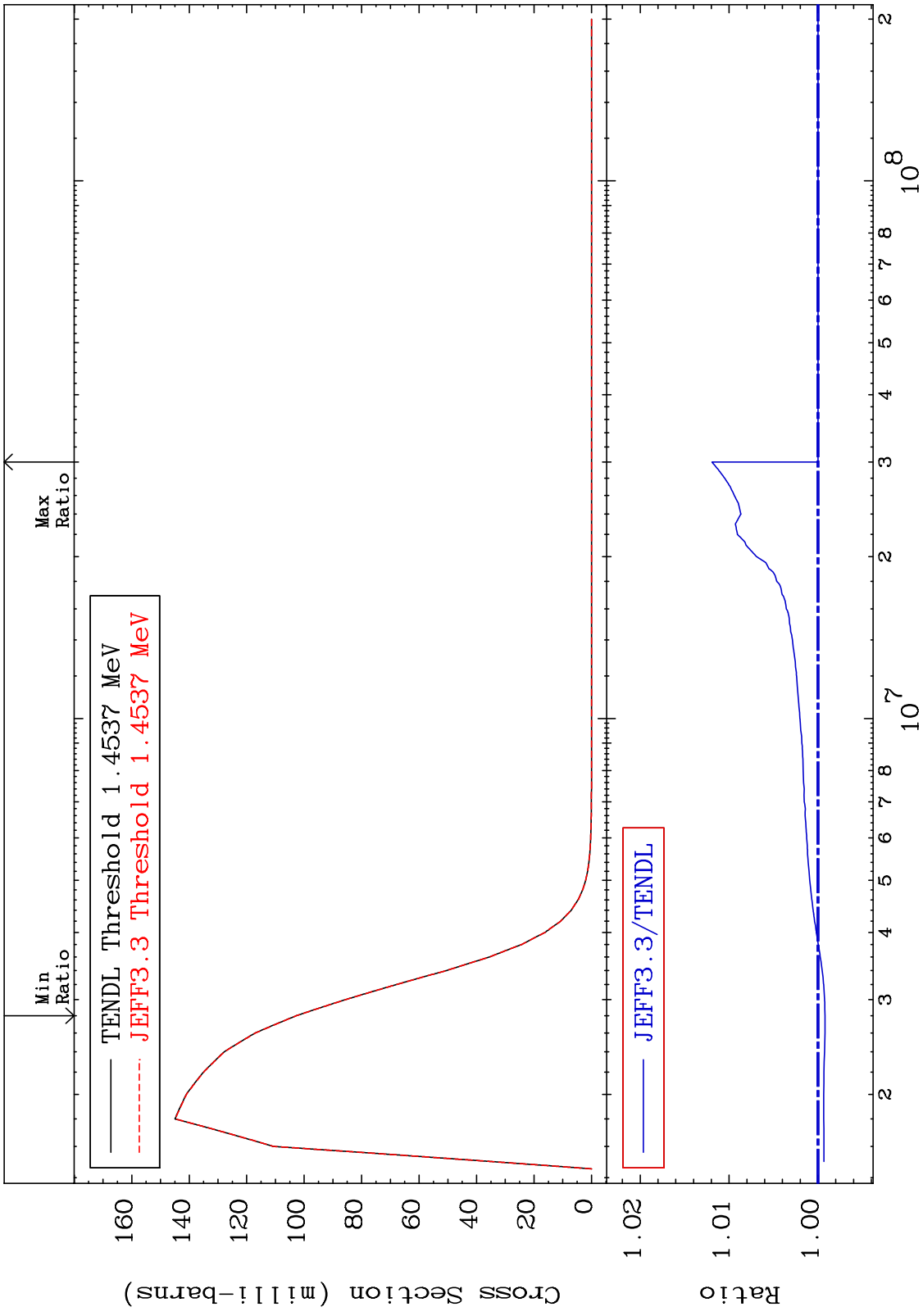
MAT 7625 MT= 60 (n,n') Level Cross Section 76-0s-184
 -0.149 To 0.041 %



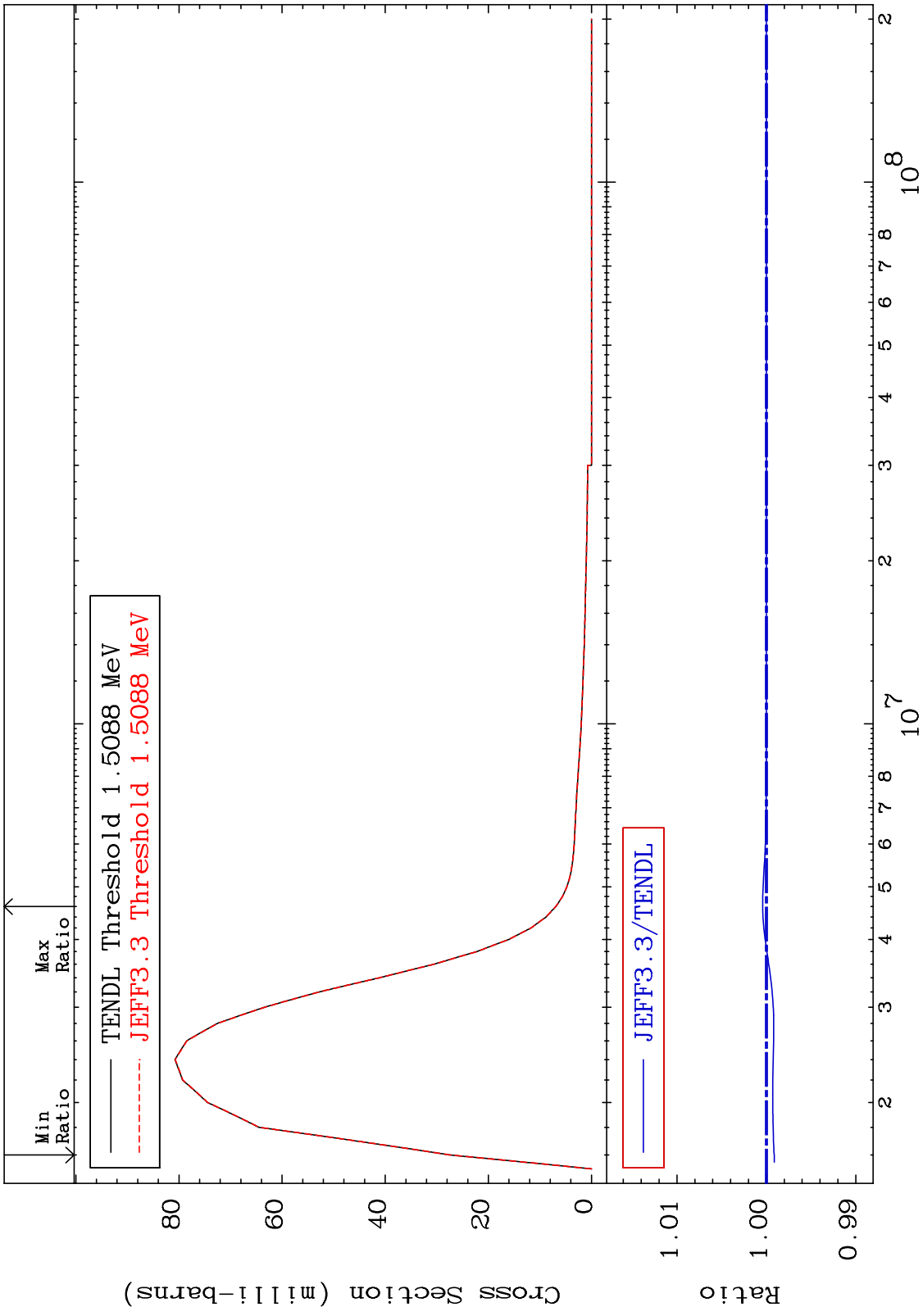
MAT 7625 MT= 61 (n,n') Level Cross Section 76-Os-184 -0.094 To 1.194 %



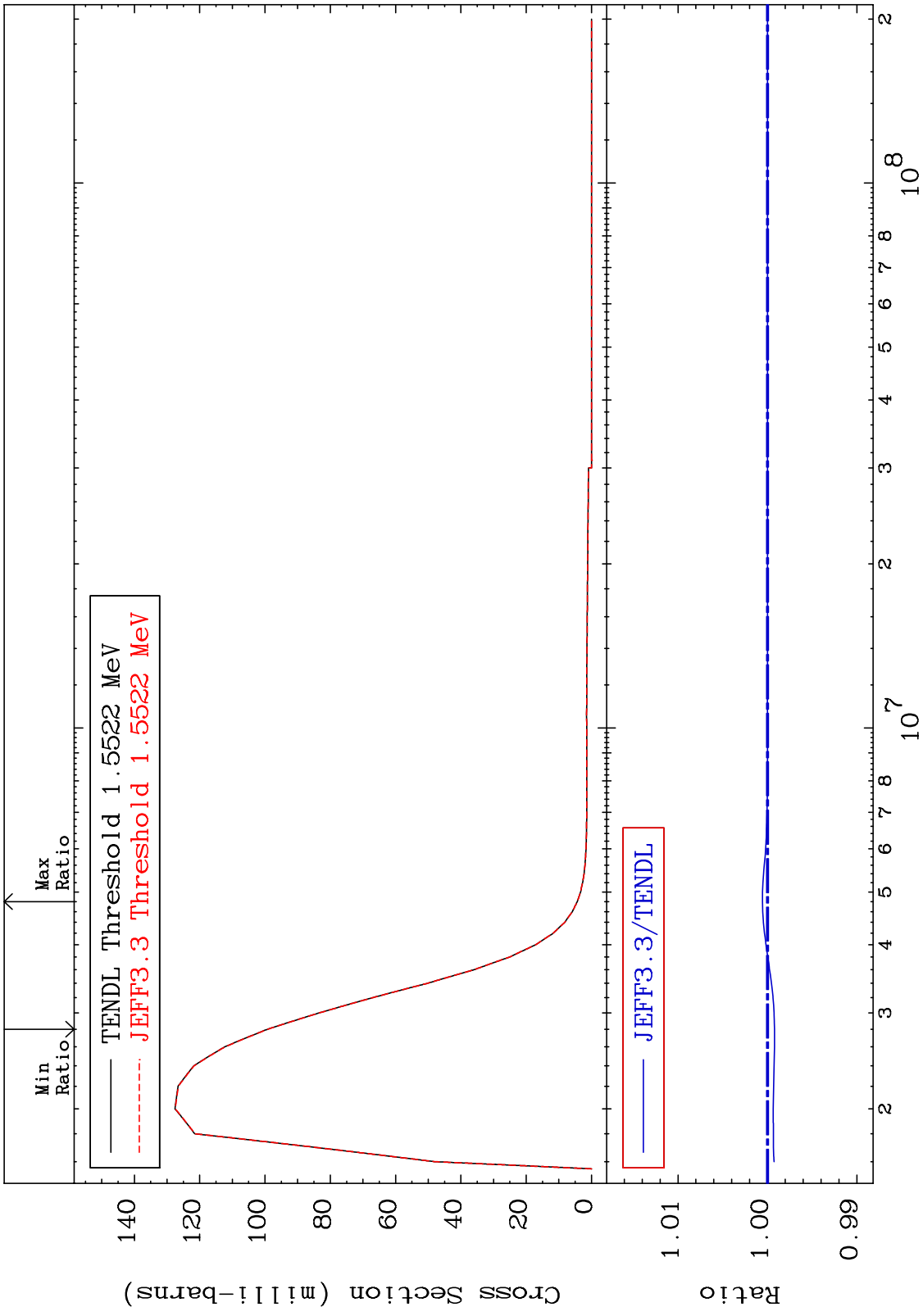
MAT 7625 MT= 62 (n,n') Level Cross Section 76-0s-184
 -0.079 To 1.194 %



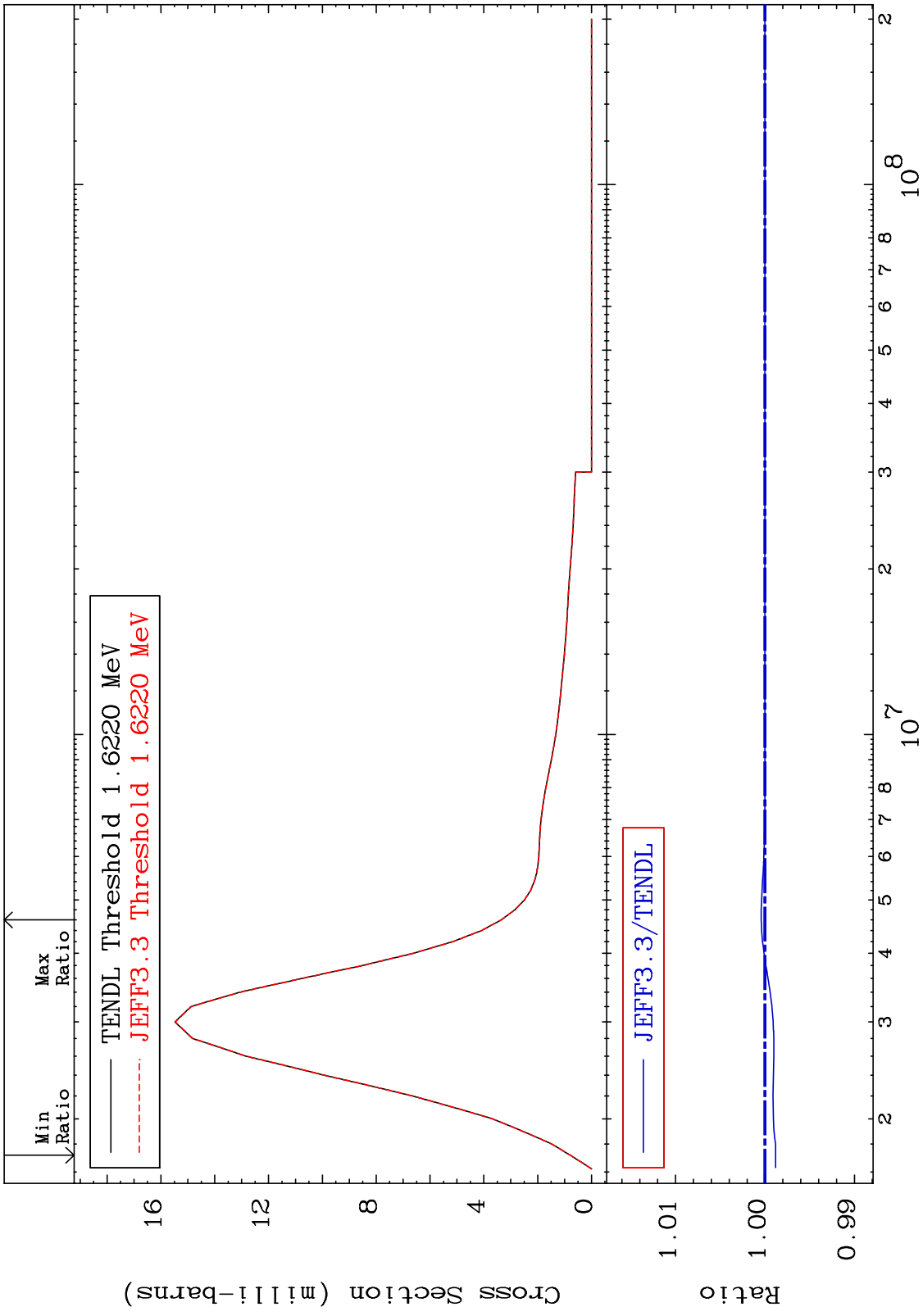
MAT 7625 MT= 63 (n,n') Level Cross Section 76-0s-184
 -0.088 To 0.041 %



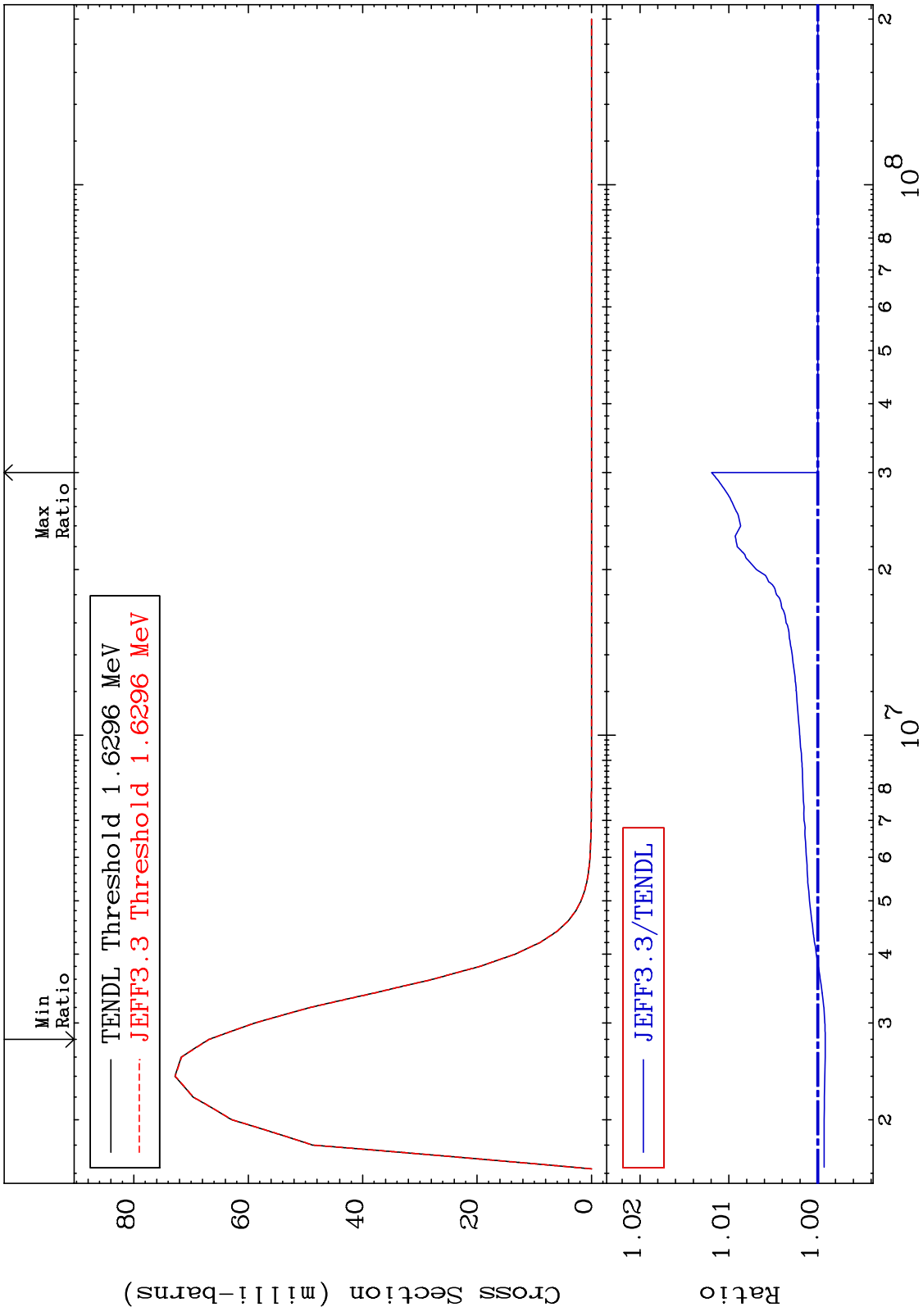
MAT 7625 MT= 64 (n,n') Level Cross Section 76-0s-184 -0.079 To 0.056 %



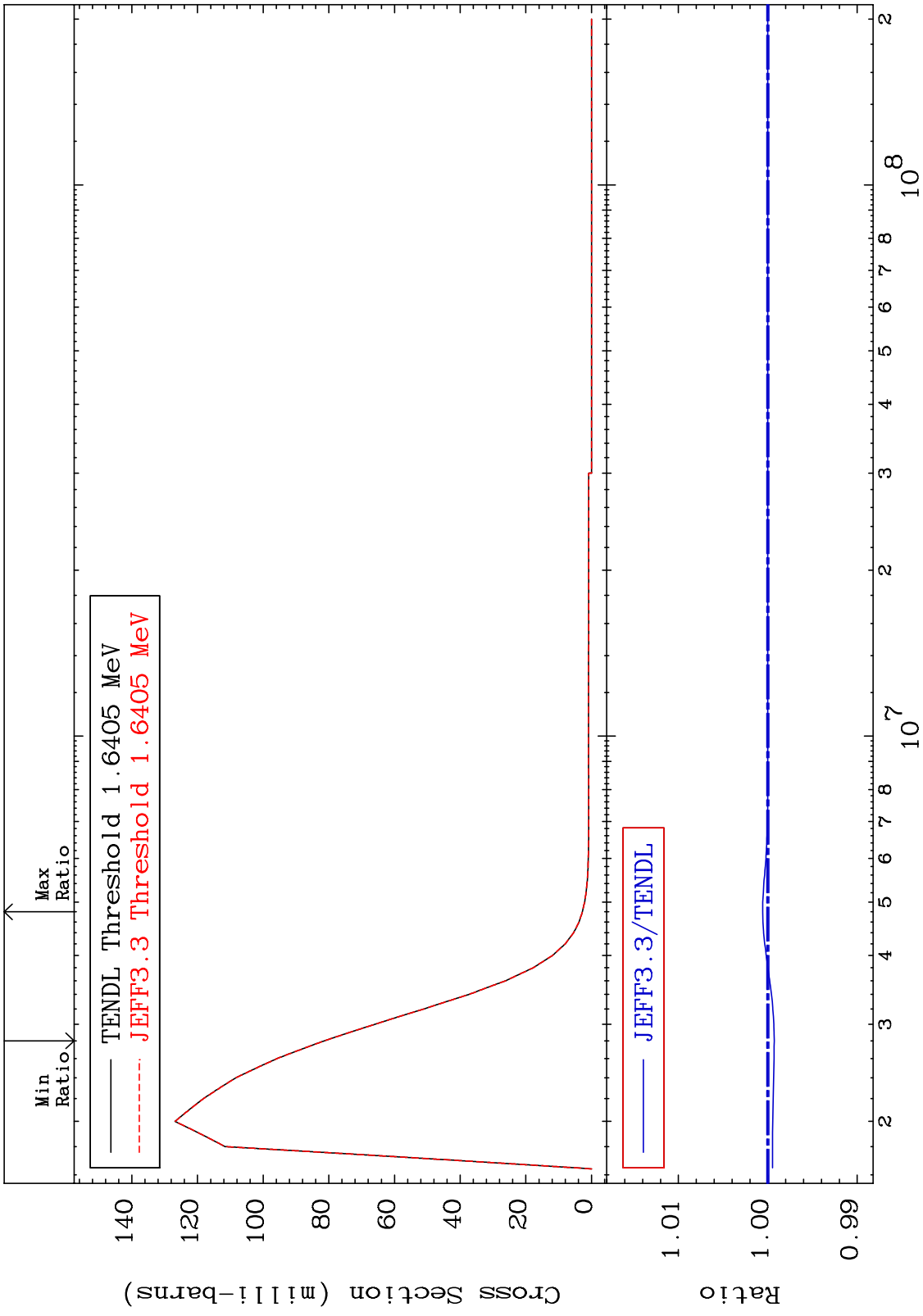
MAT 7625 MT= 65 (n,n') Level Cross Section 76-0s-184 -0.120 To 0.042 %



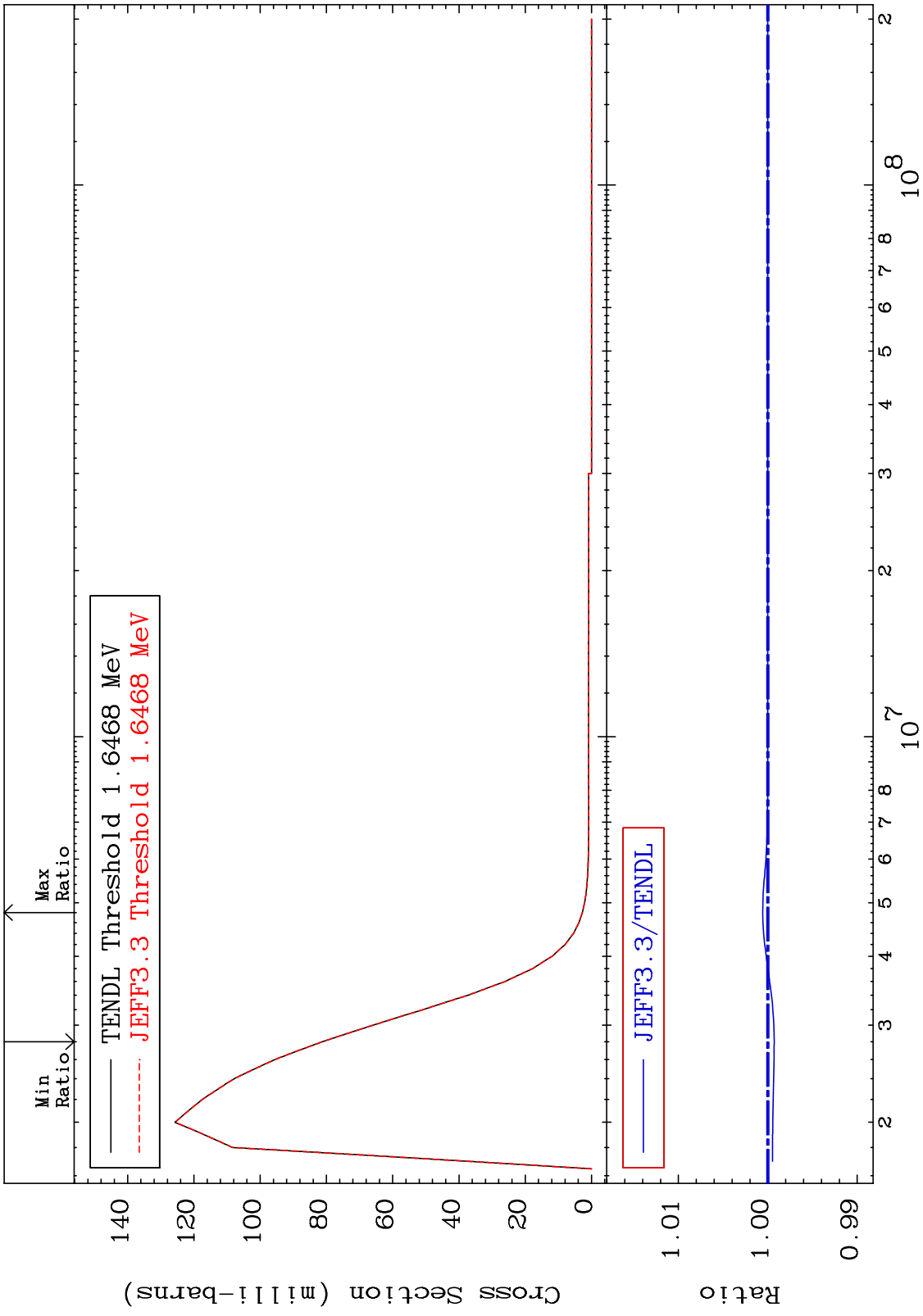
MAT 7625 MT= 66 (n,n') Level Cross Section 76-0s-184
 -0.084 To 1.195 %



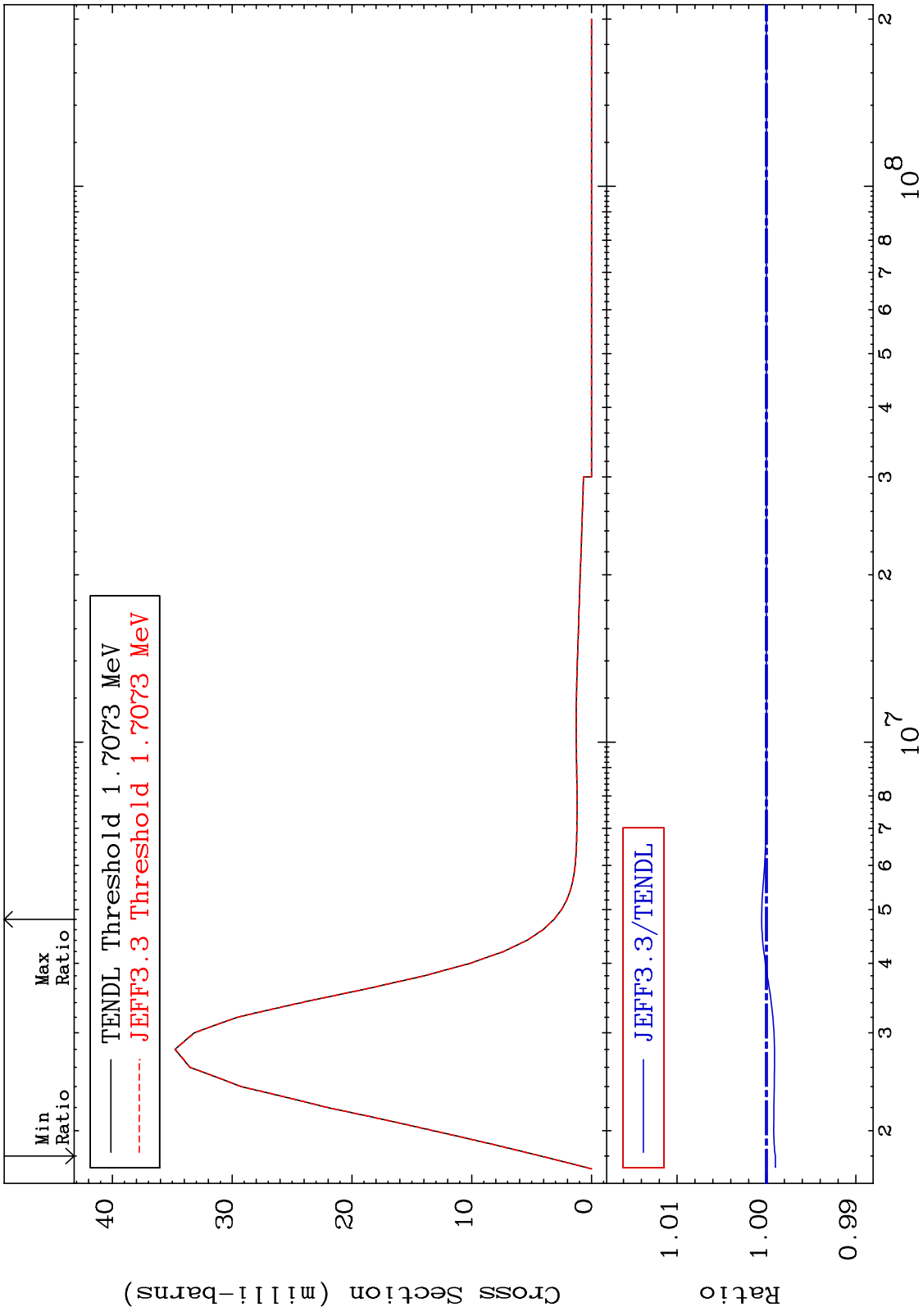
MAT 7625 MT= 67 (n,n') Level Cross Section 76-0s-184 -0.071 To 0.058 %



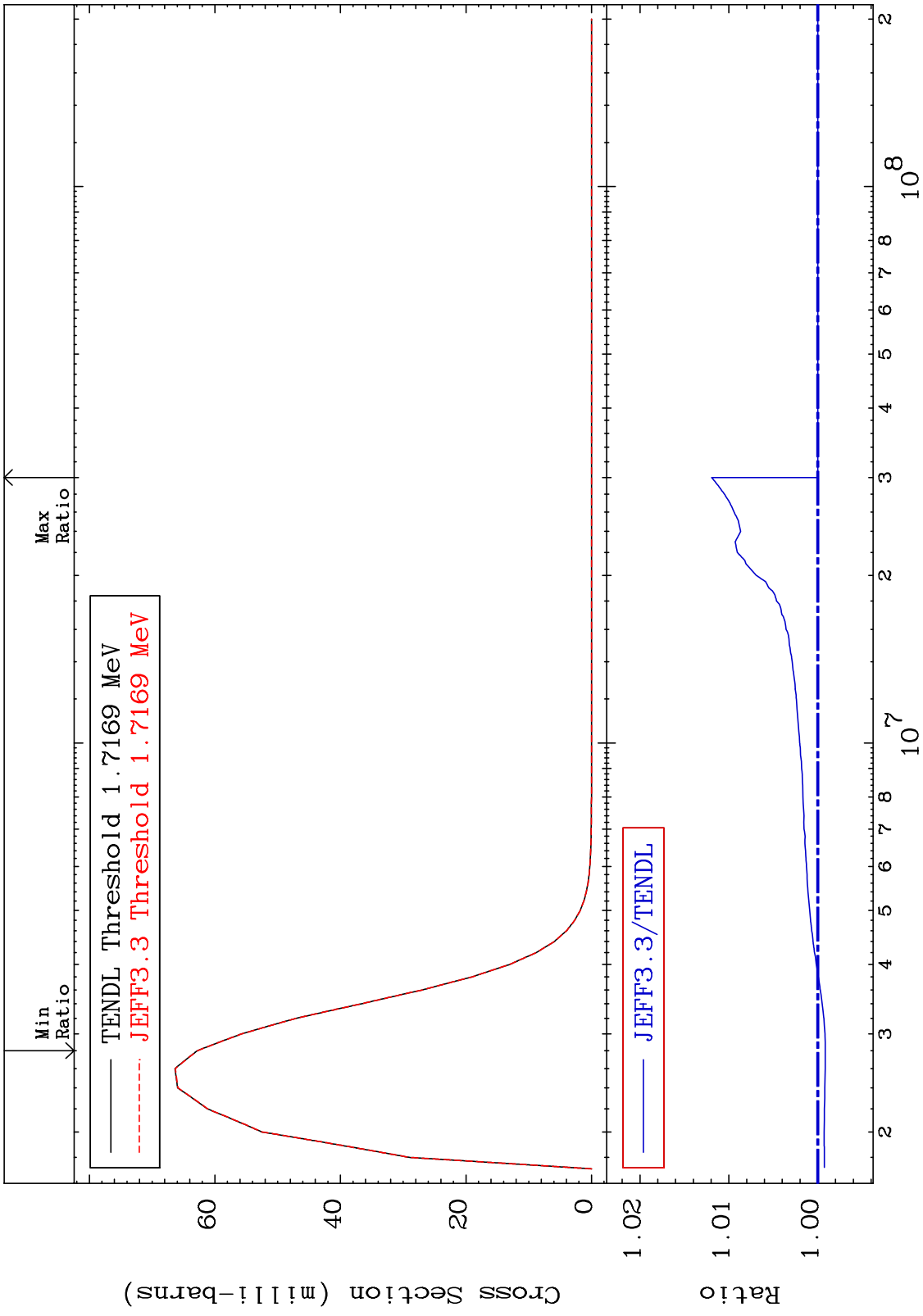
MAT 7625 MT= 68 (n,n') Level Cross Section 76-0s-184 -0.071 To 0.058 %



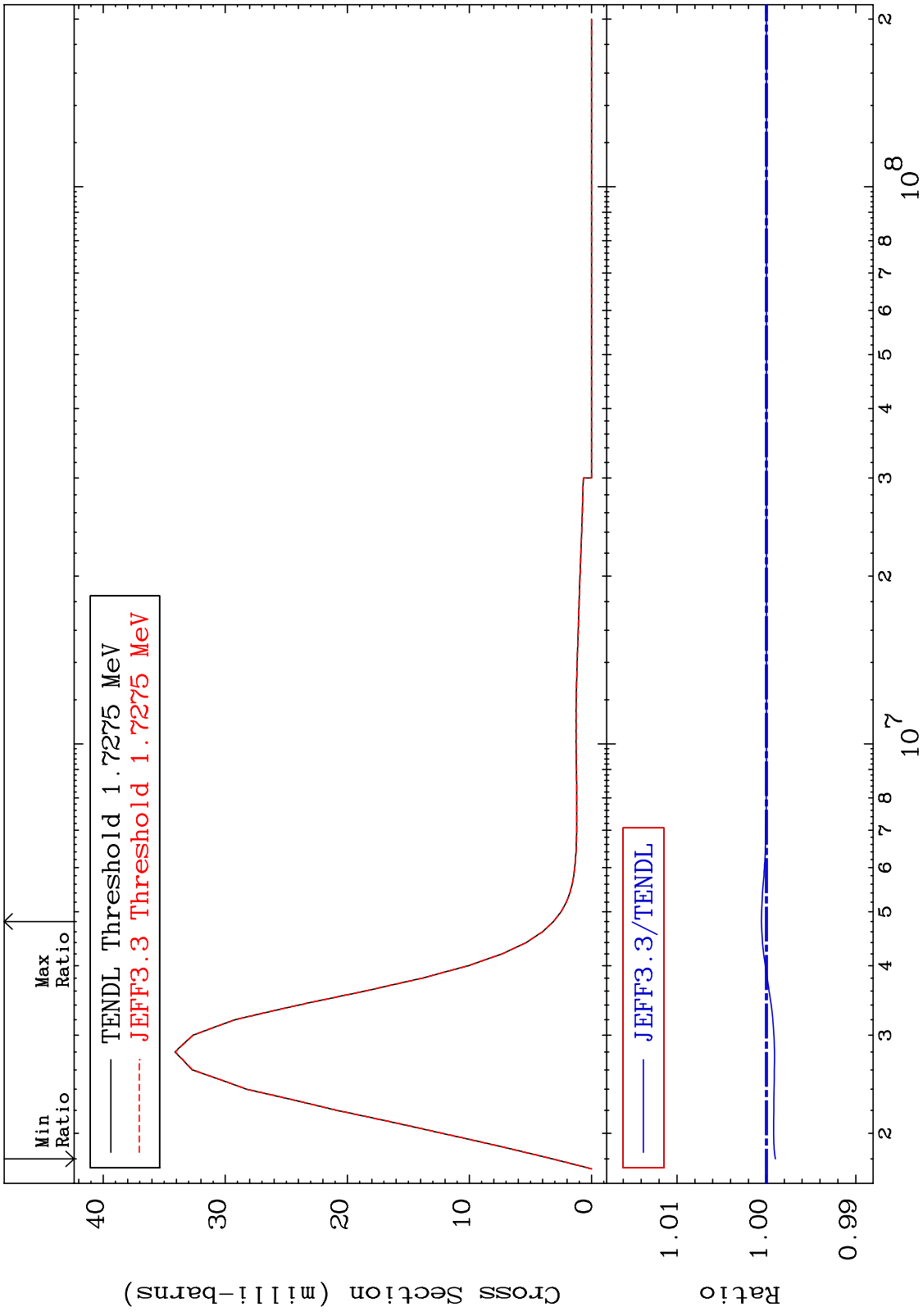
MAT 7625 MT= 69 (n,n') Level Cross Section 76-0s-184
 -0.098 To 0.055 %



MAT 7625 MT= 70 (n,n') Level Cross Section 76-0s-184
 -0.085 To 1.195 %

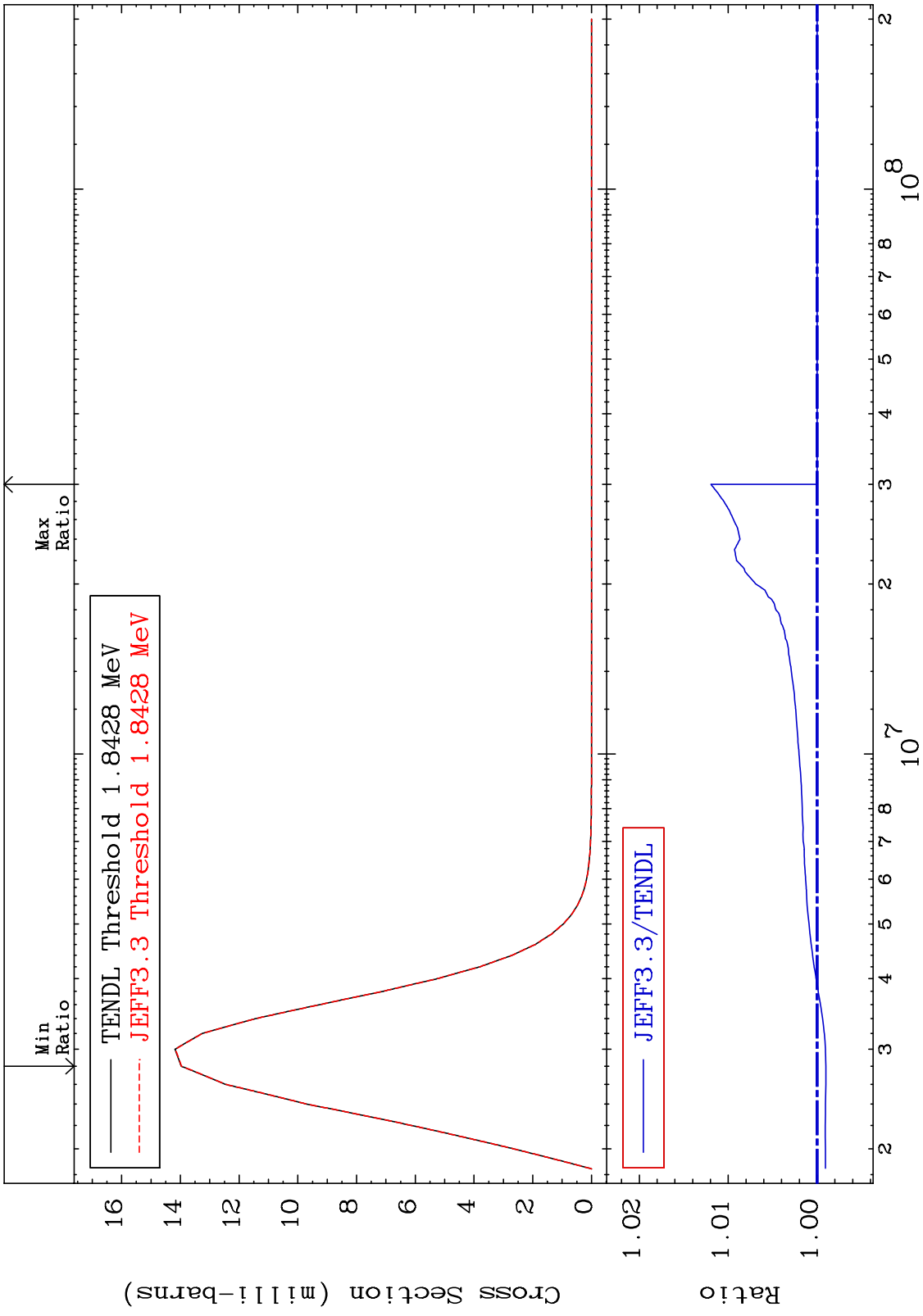


MAT 7625 MT= 71 (n,n') Level Cross Section 76-0s-184 -0.101 To 0.055 %

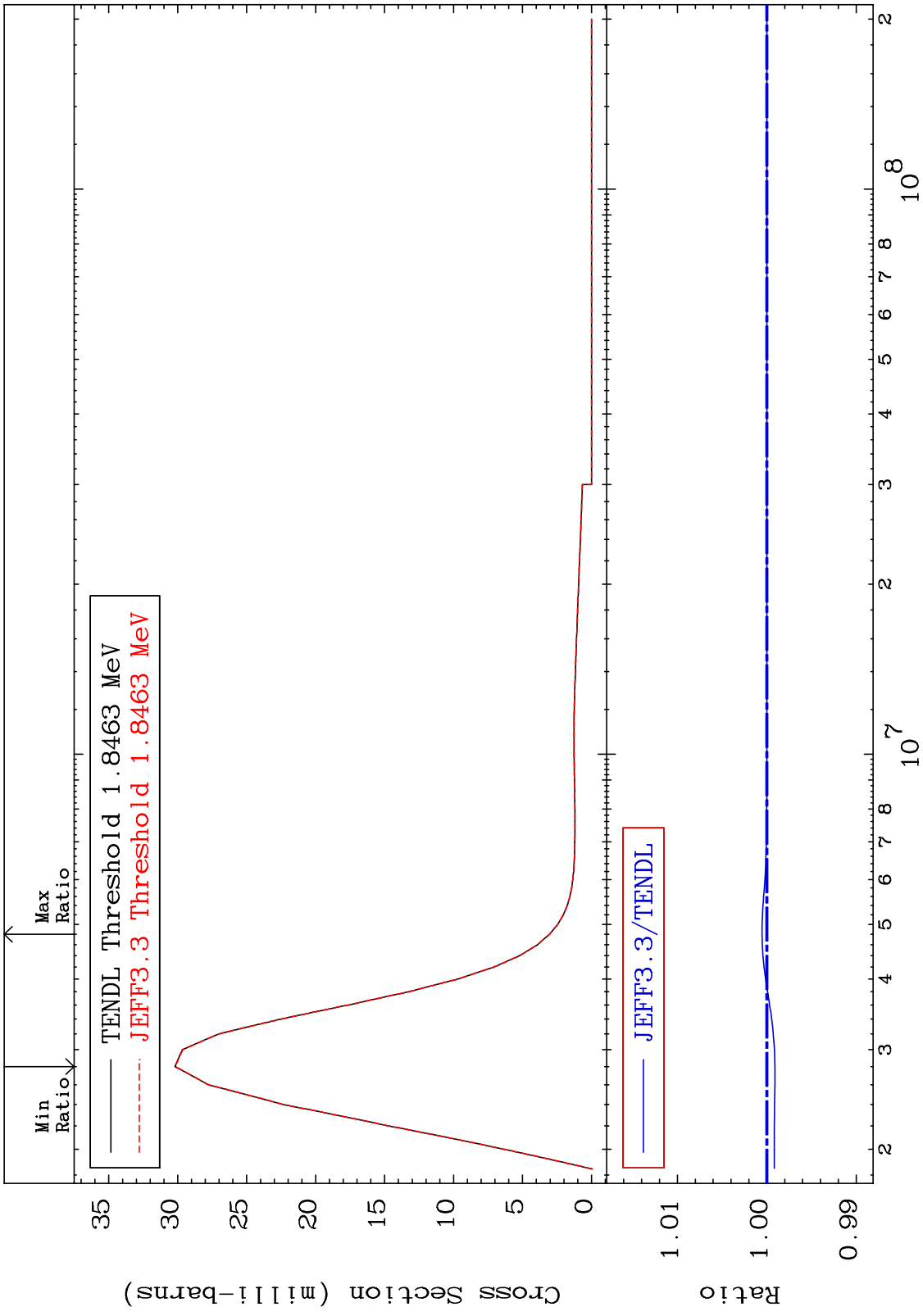


40 76-0s-184

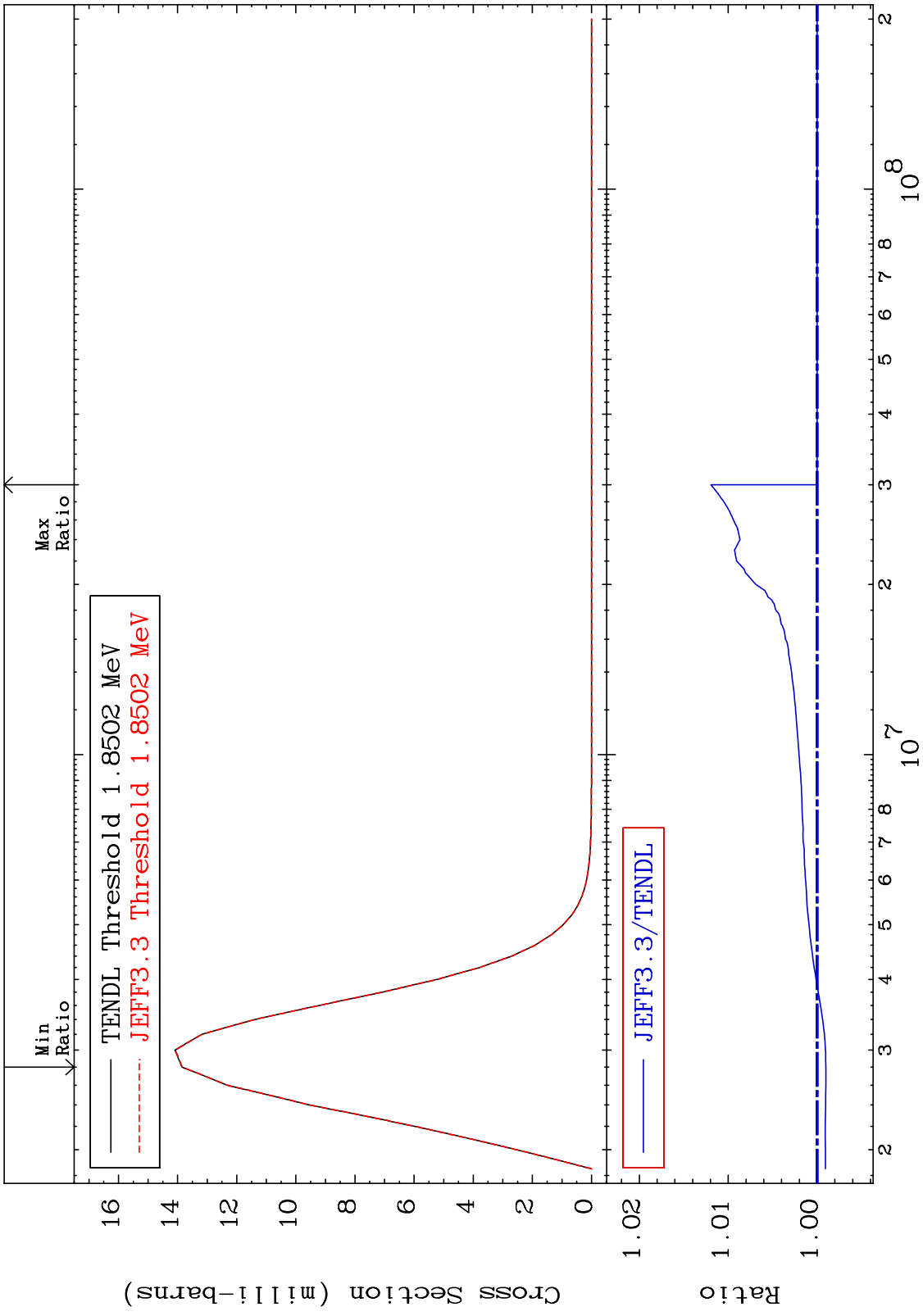
MAT 7625 MT= 72 (n,n') Level Cross Section 76-0s-184
 -0.099 To 1.194 %



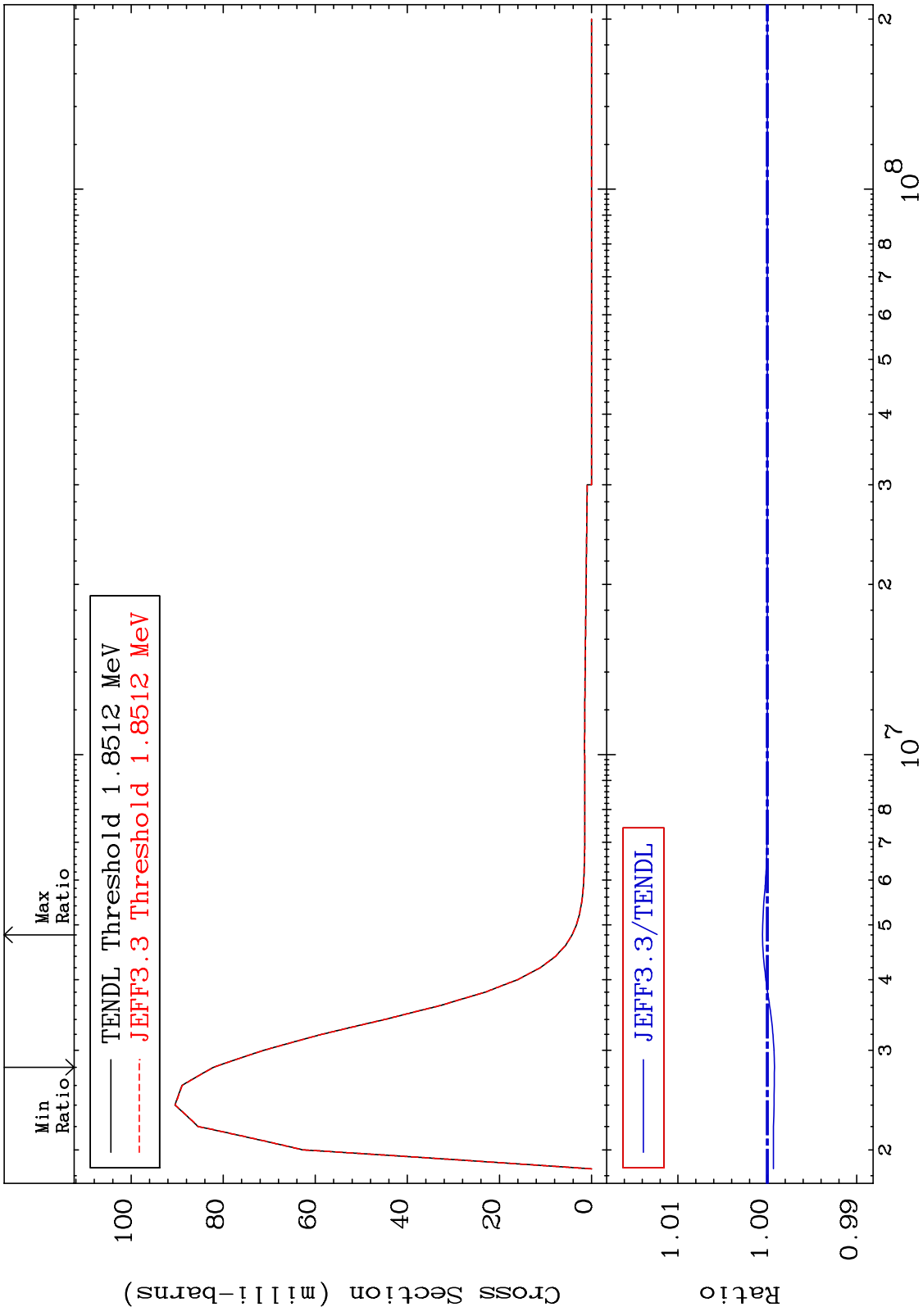
MAT 7625 MT= 73 (n,n') Level Cross Section 76-0s-184
 -0.090 To 0.054 %



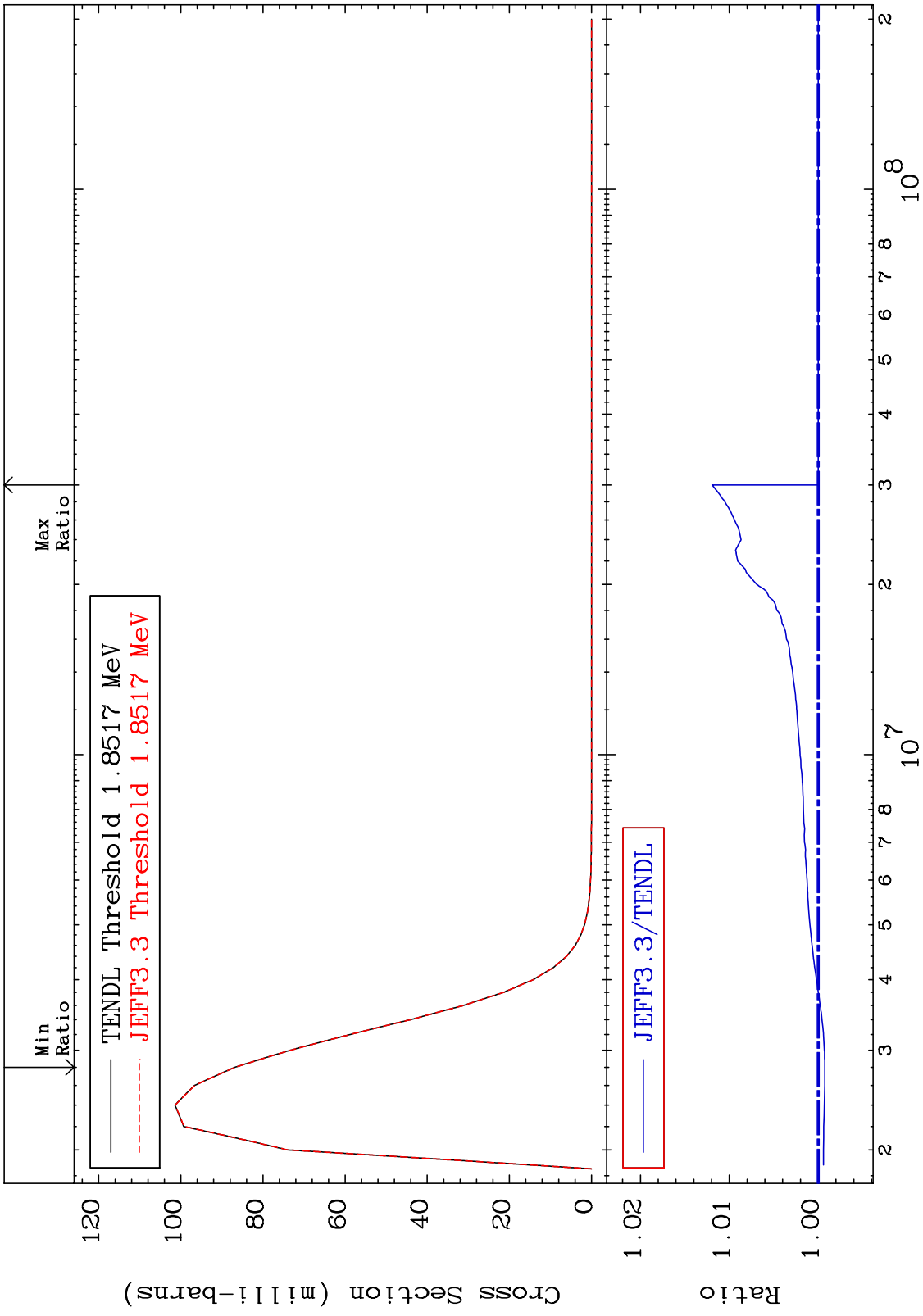
MAT 7625 MT= 74 (n,n') Level Cross Section 76-0s-184
 -0.099 To 1.194 %



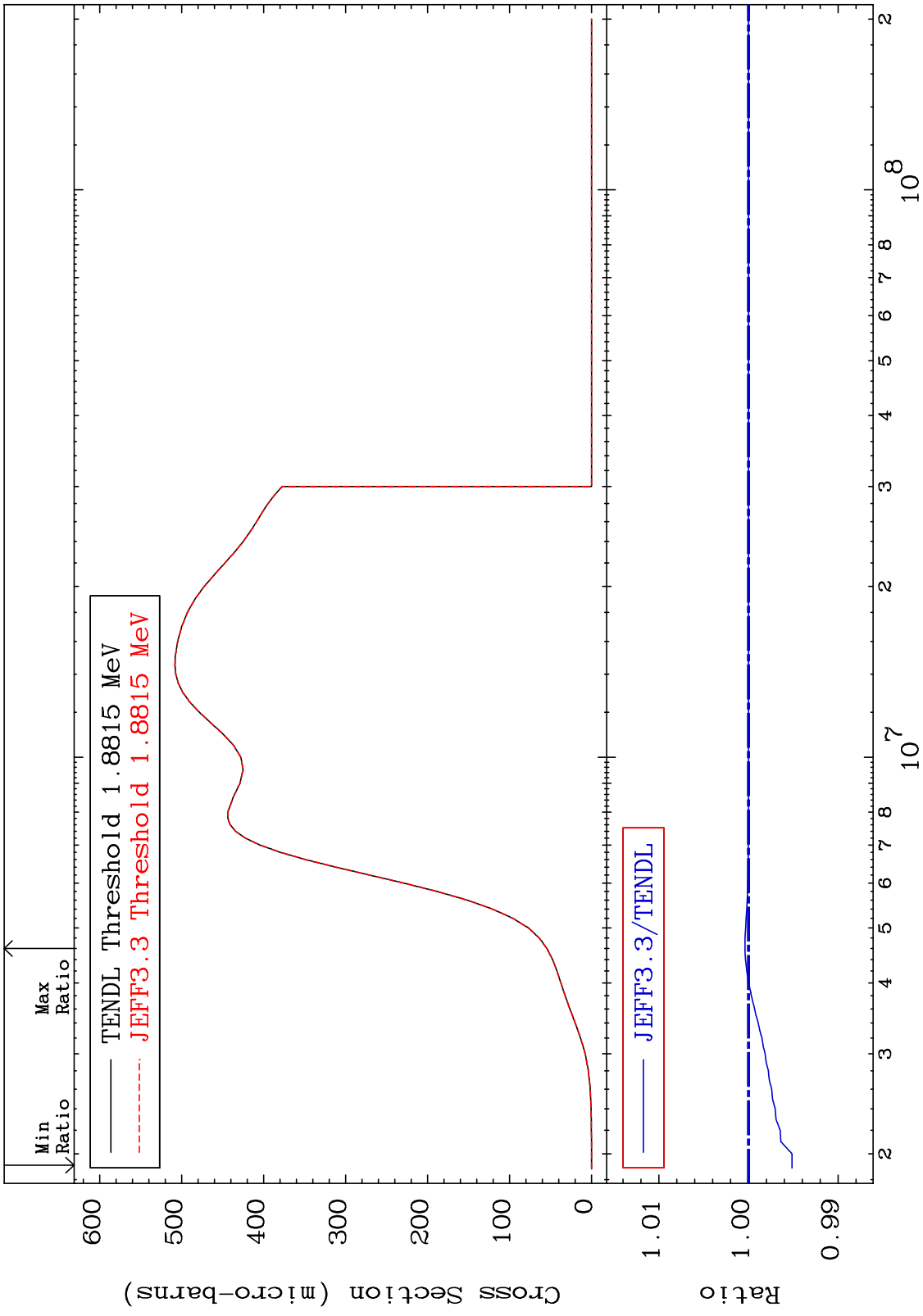
MAT 7625 MT= 75 (n,n') Level Cross Section 76-0s-184
 -0.079 To 0.055 %



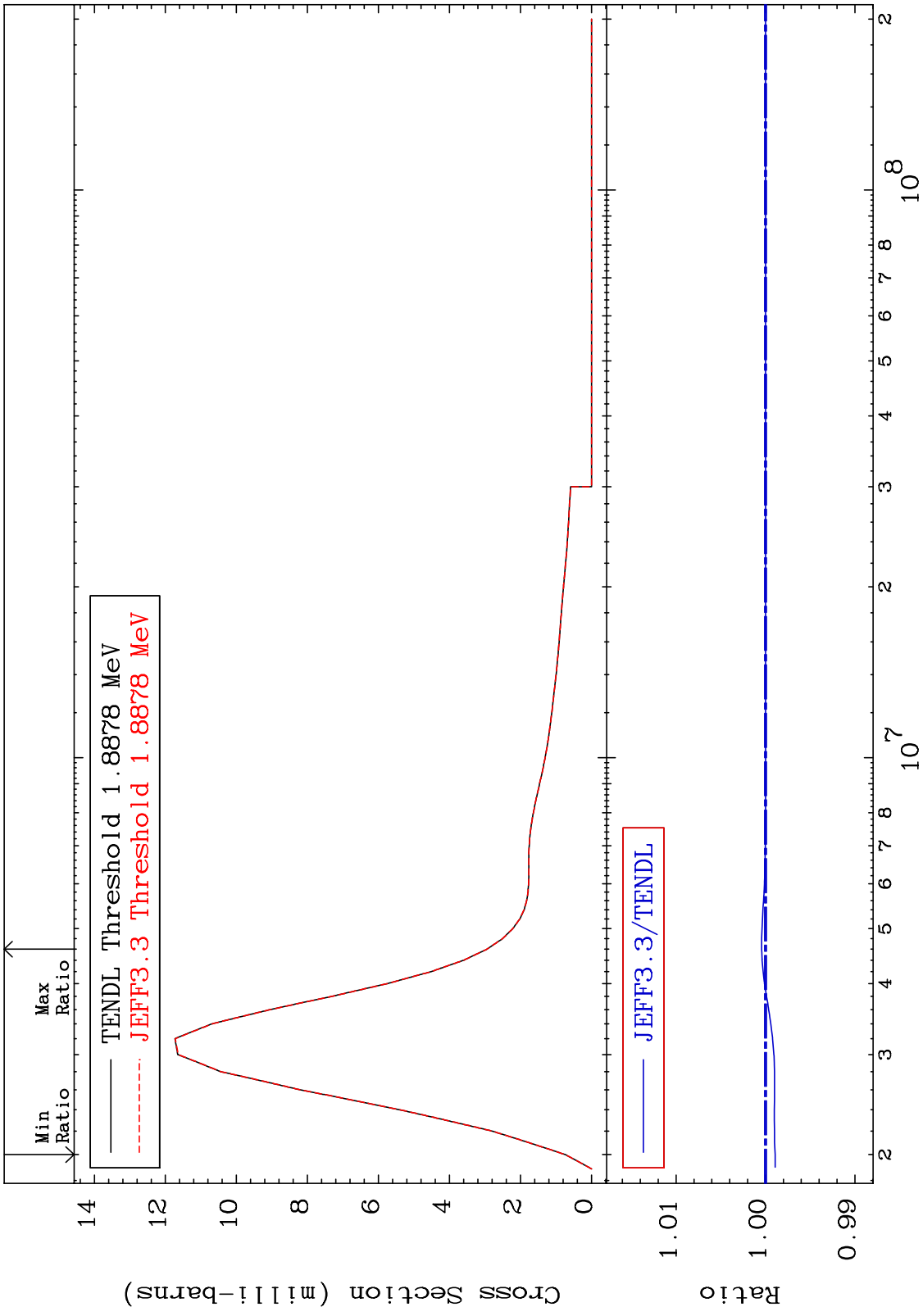
MAT 7625 MT= 76 (n,n') Level Cross Section 76-0s-184
 -0.075 To 1.194 %



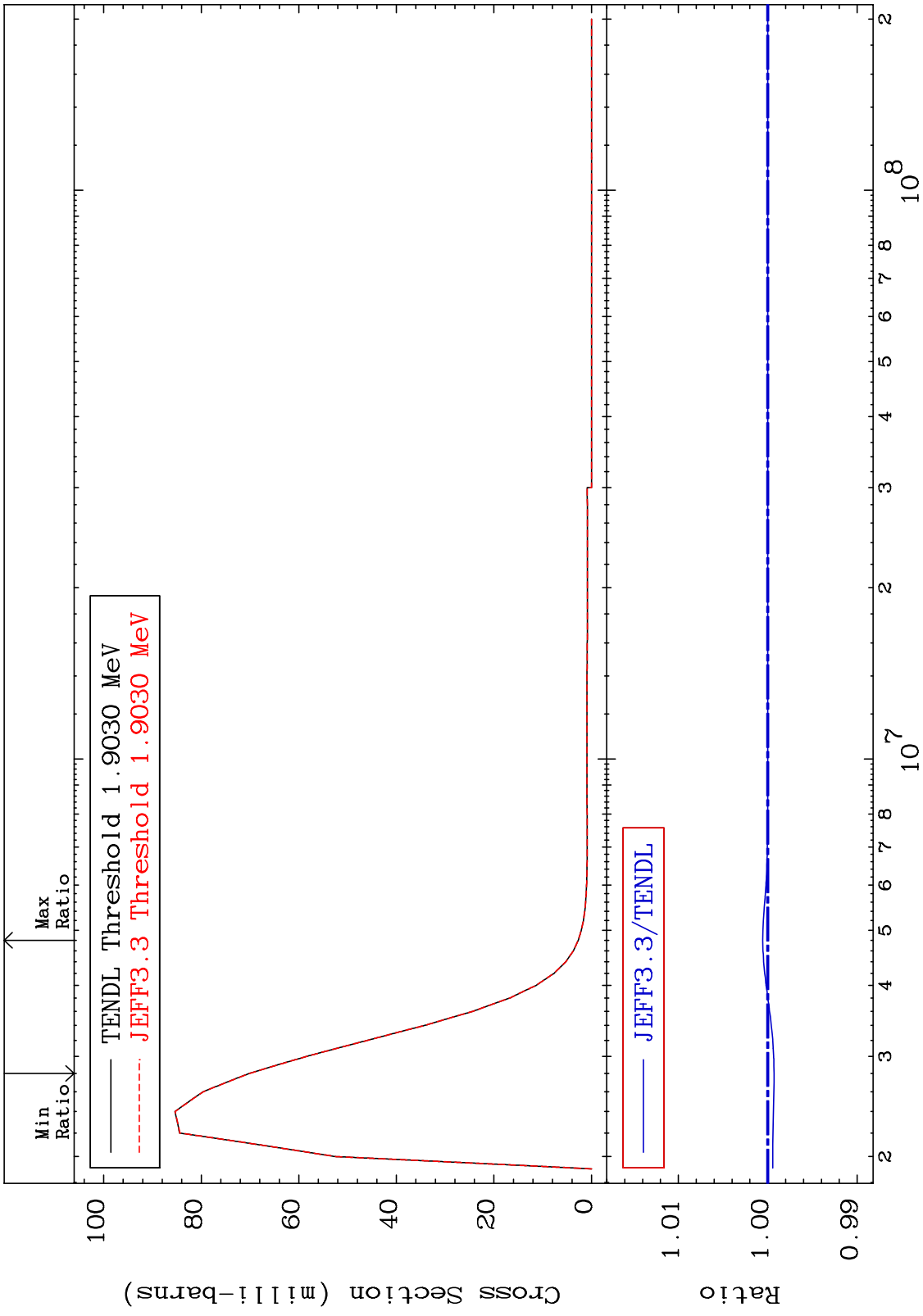
MAT 7625 MT= 77 (n,n') Level Cross Section 76-0s-184
 -0.486 To 0.039 %



MAT 7625 MT= 78 (n,n') Level Cross Section 76-0s-184
 -0.109 To 0.043 %



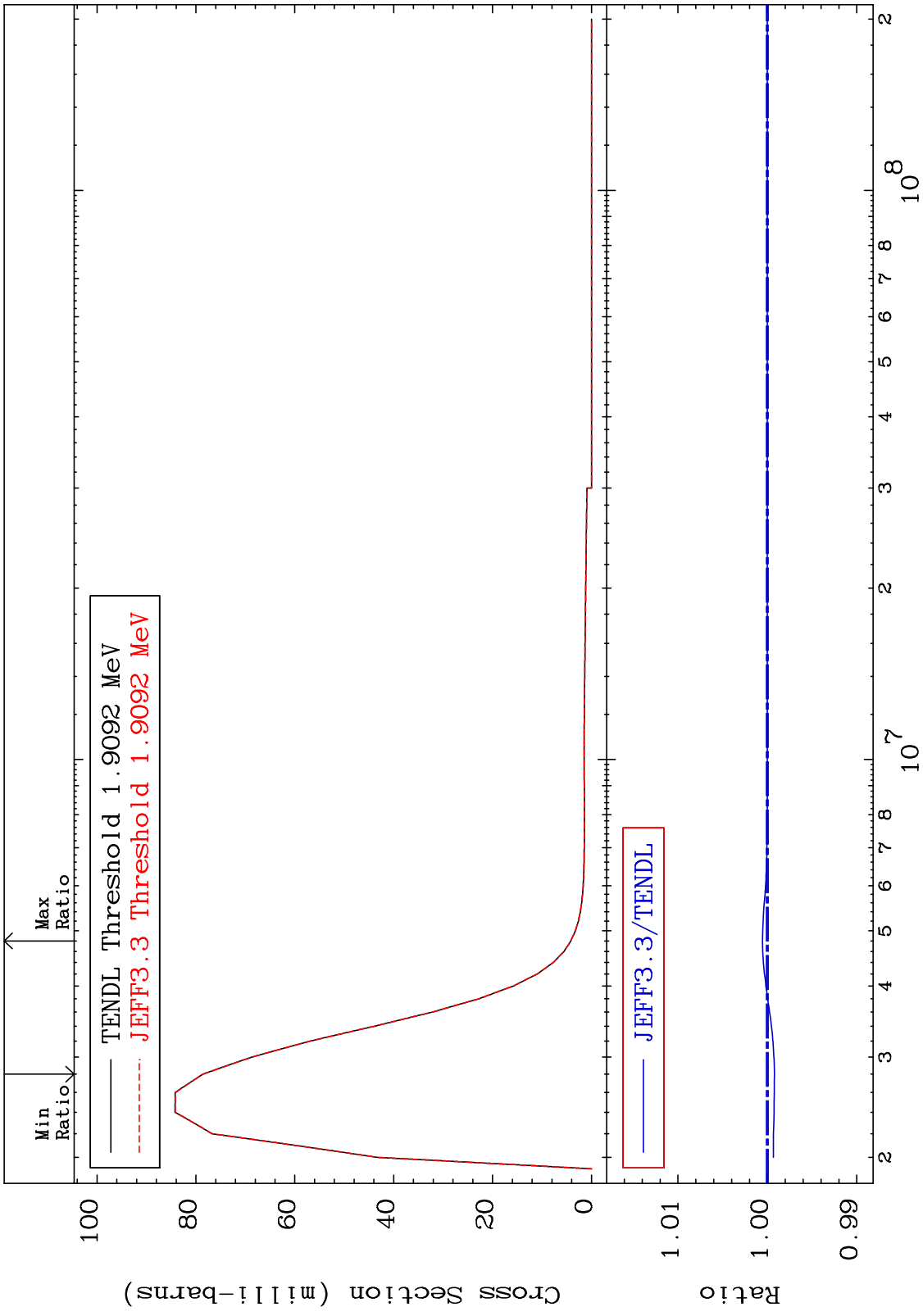
MAT 7625 MT= 79 (n,n') Level
Cross Section 76-0s-184
-0.071 To 0.055 %



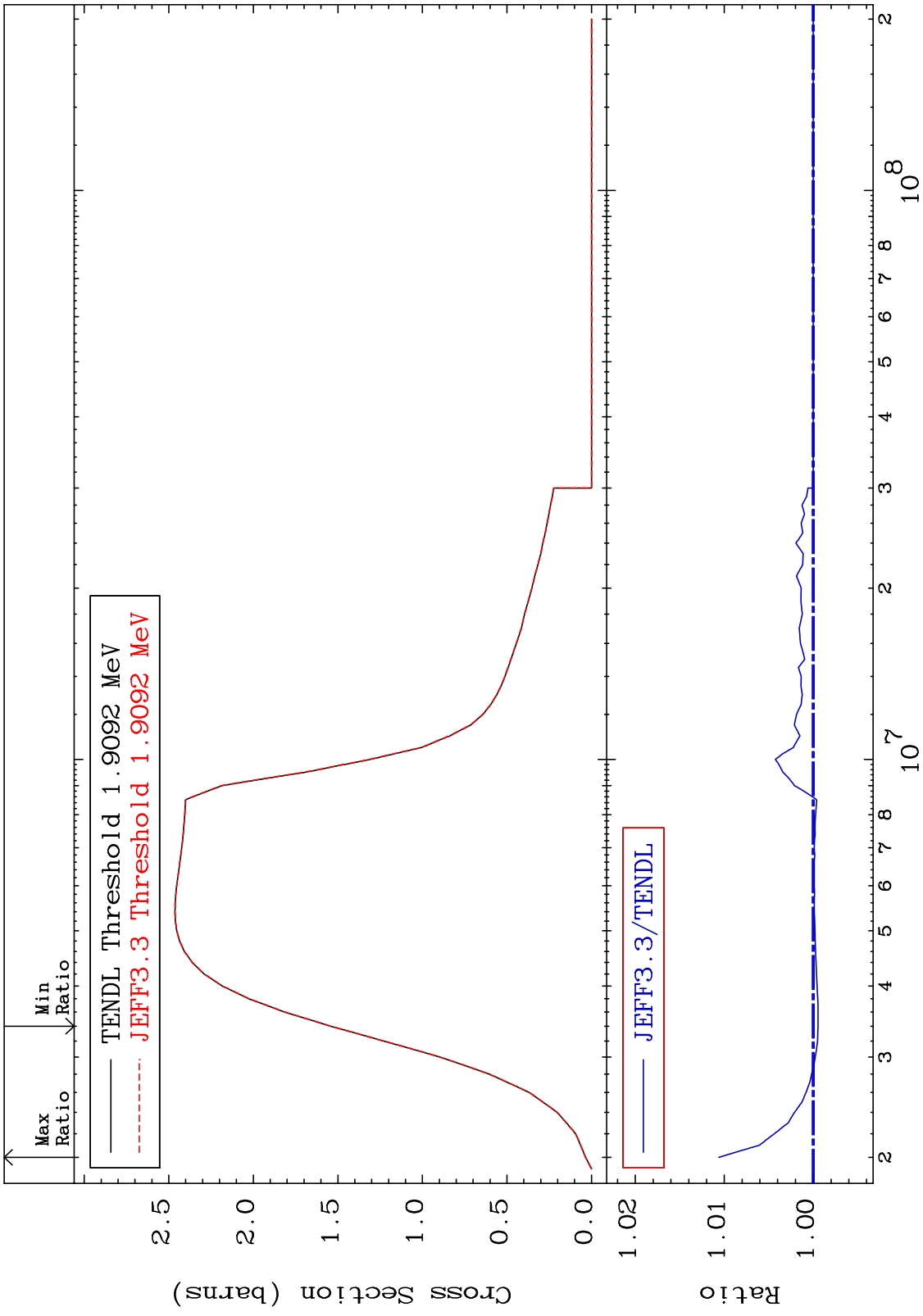
76-0s-184

Incident Energy (eV)

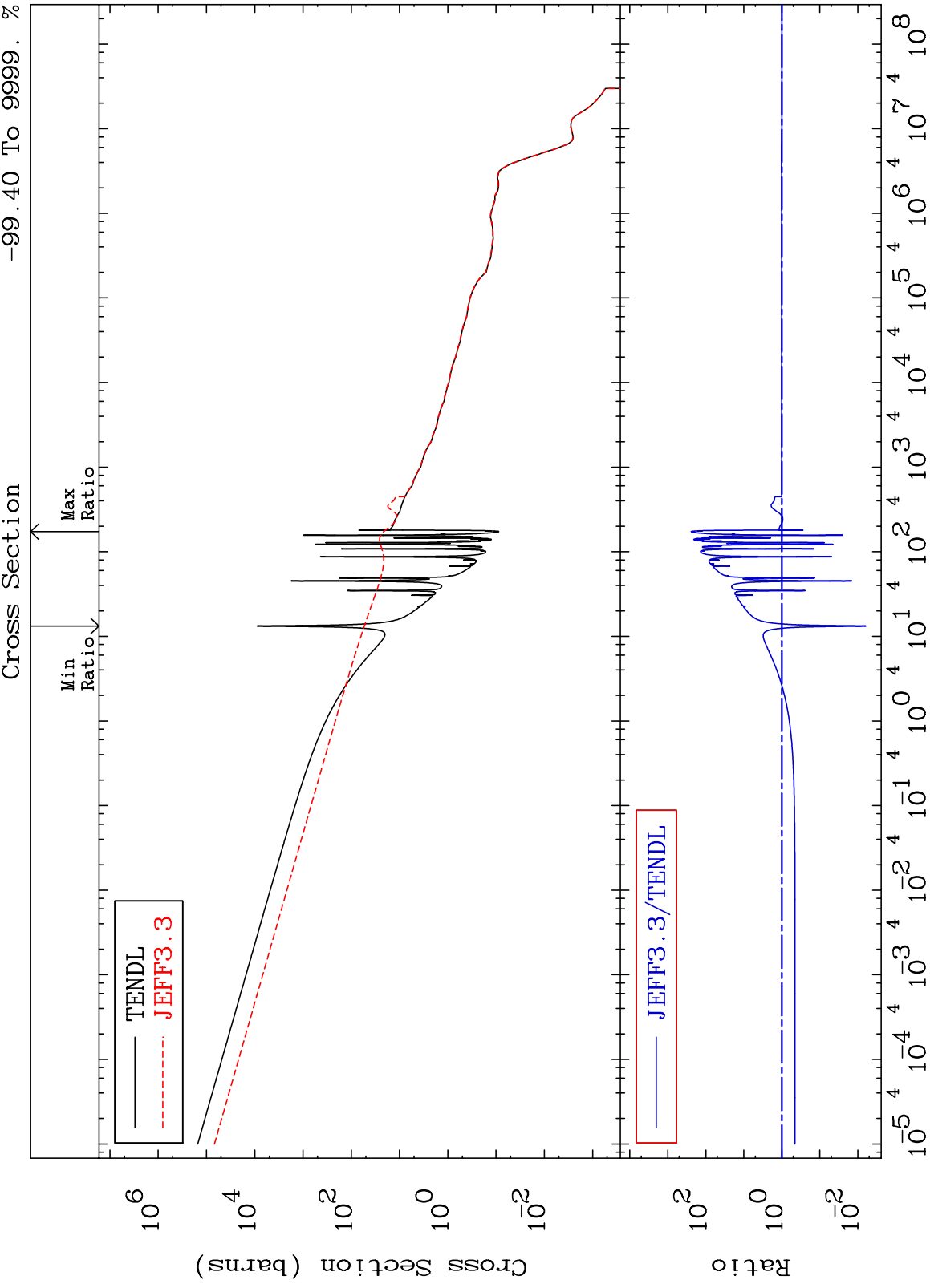
MAT 7625 MT= 80 (n,n') Level Cross Section 76-0s-184
 -0.079 To 0.055 %



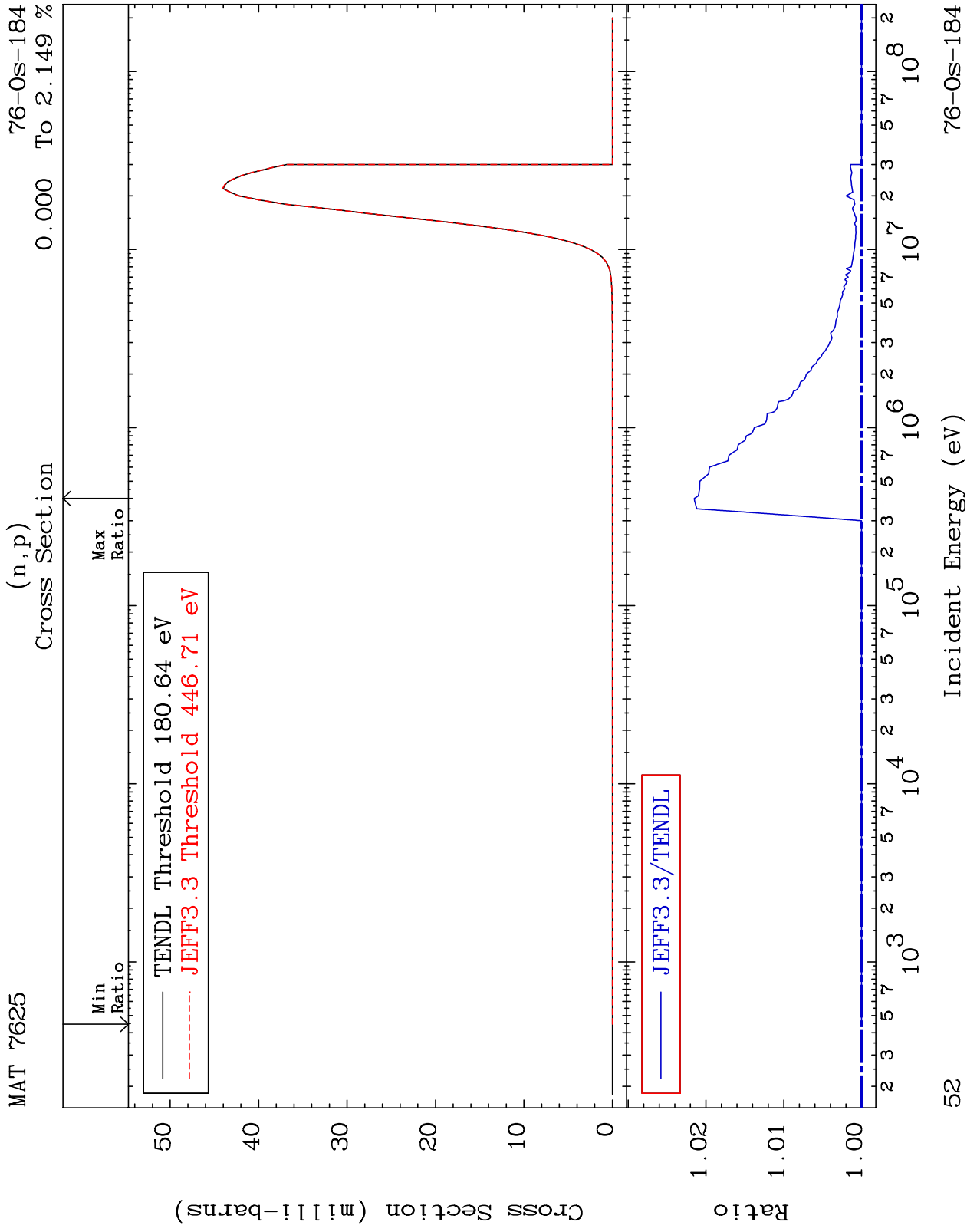
MAT 7625 (n,n') Continuum Cross Section 76-0s-184
 -0.055 To 1.062 %



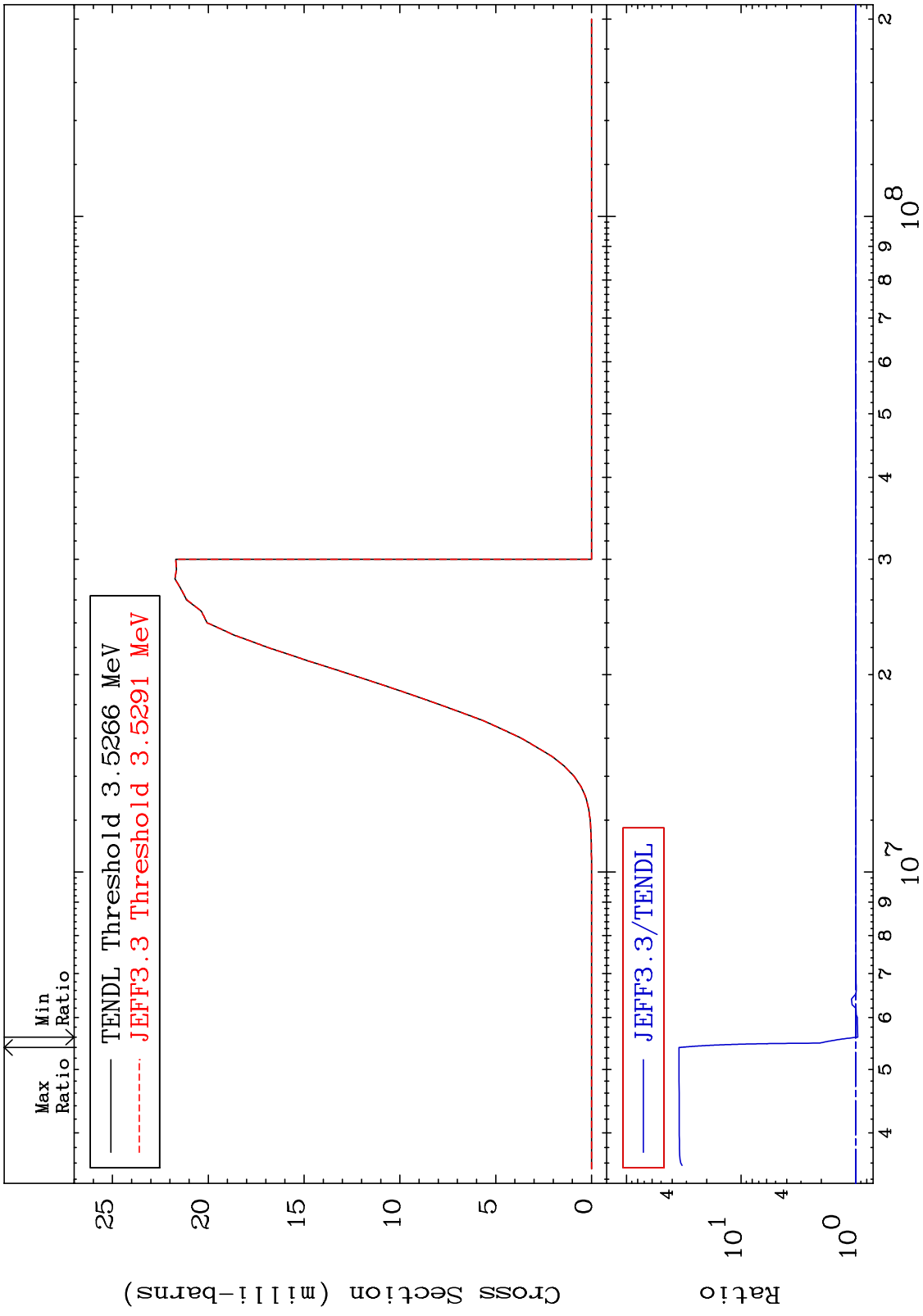
MAT 7625 (n, γ) 76-0s-184 -99.40 To 9999. %



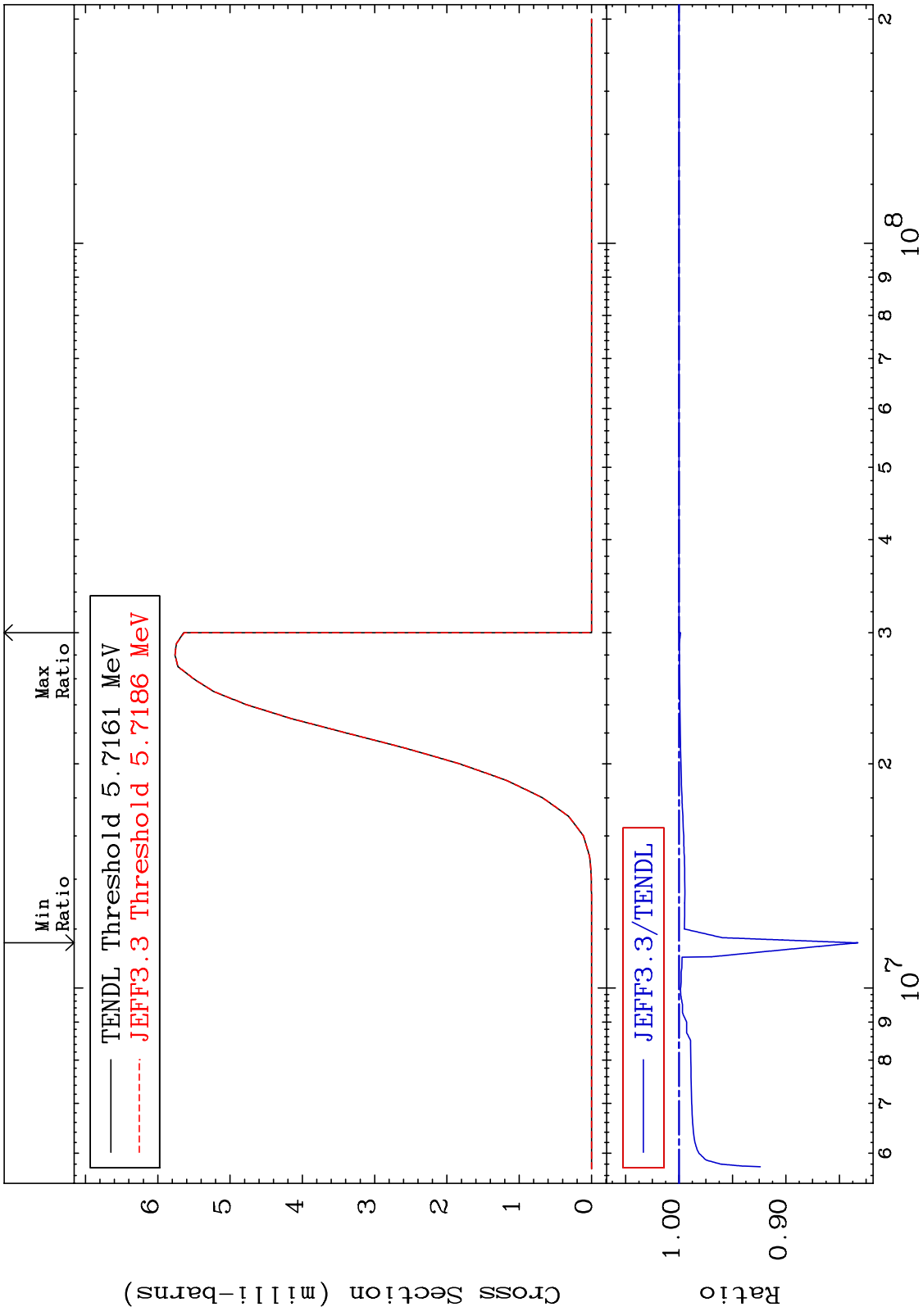
51 76-0s-184



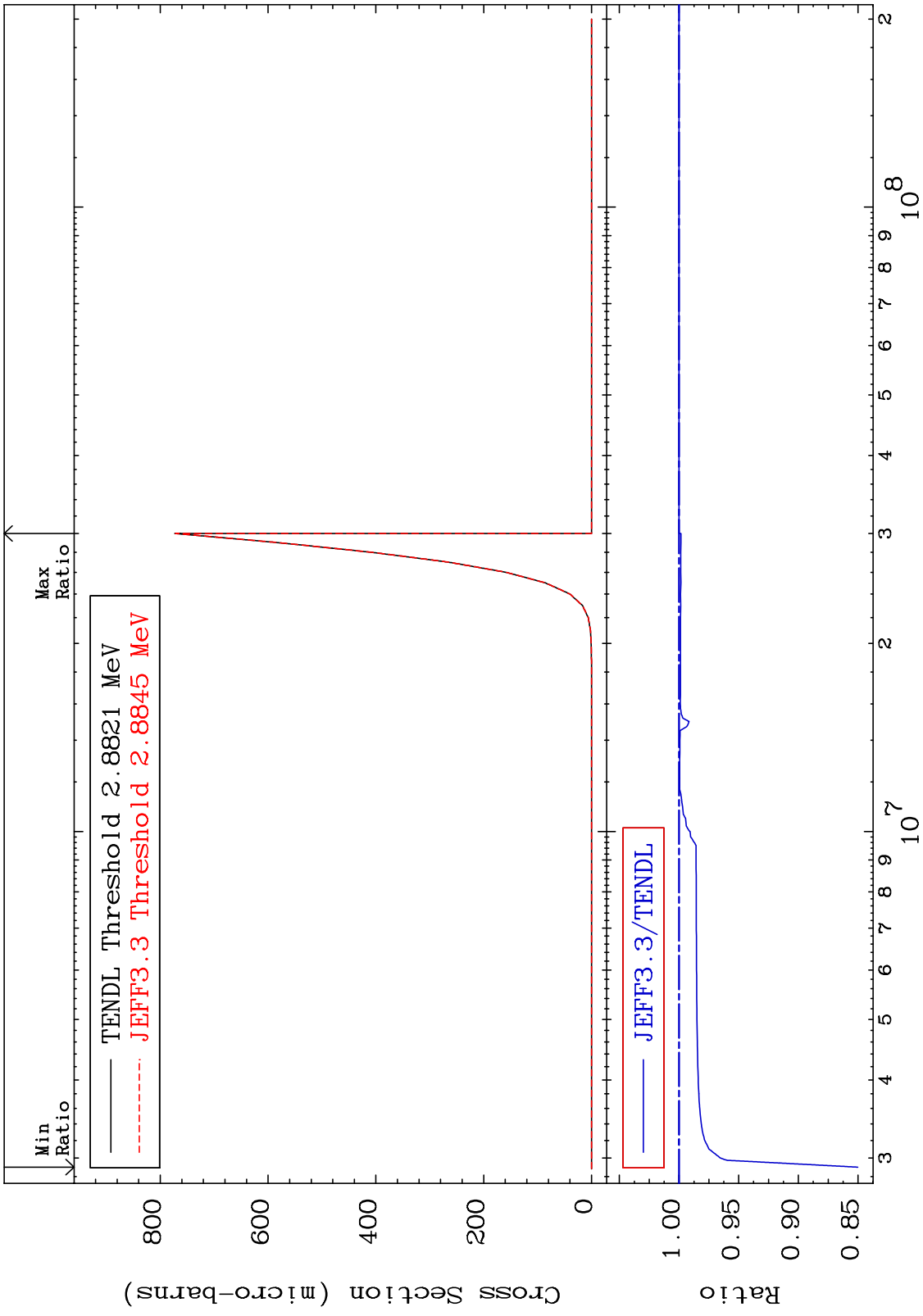
MAT 7625 (n,d) 76-Os-184
 Cross Section -4.261 To 3383. %



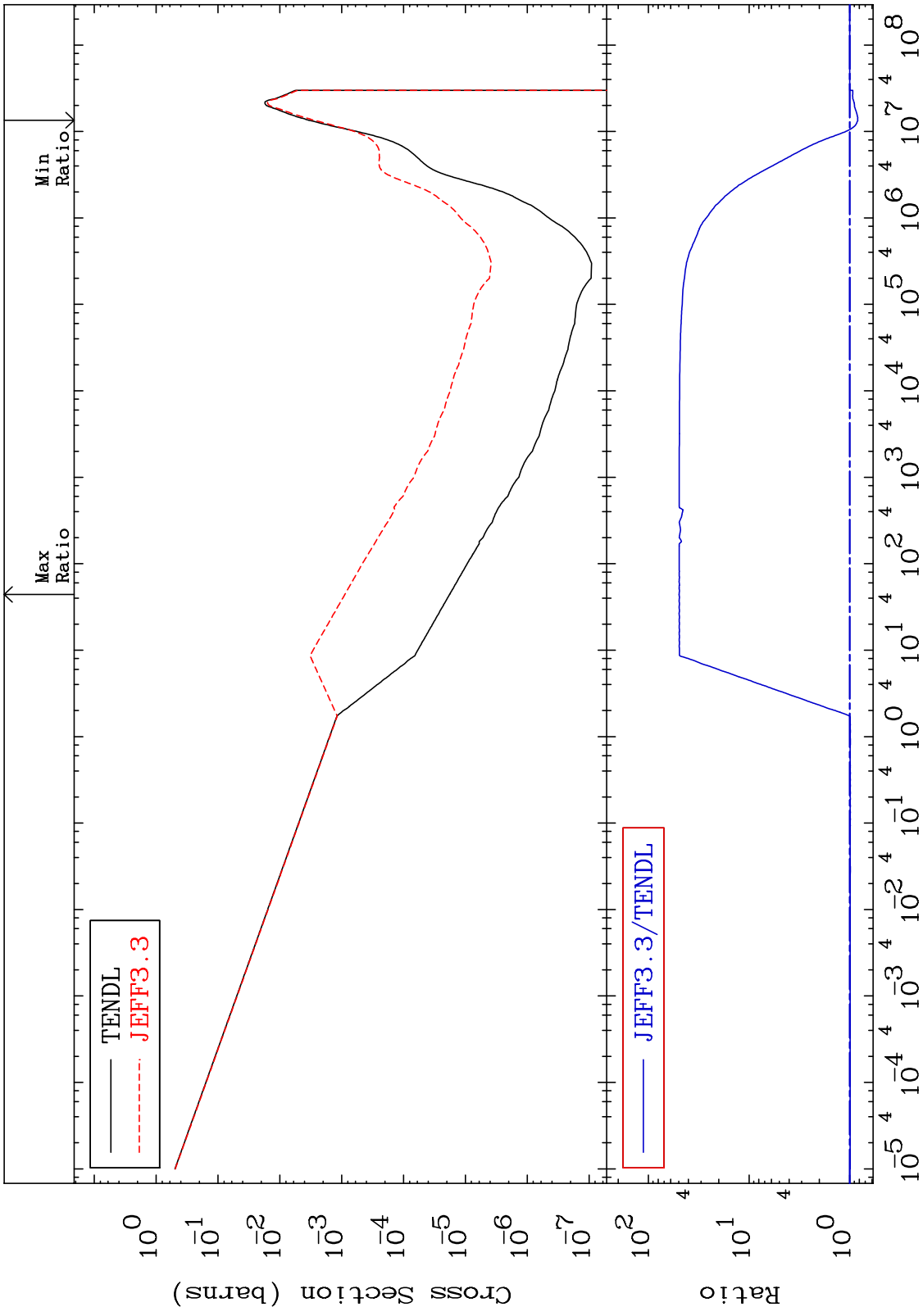
MAT 7625 (n,t) 76-0s-184
Cross Section -16.73 To 0.000 %



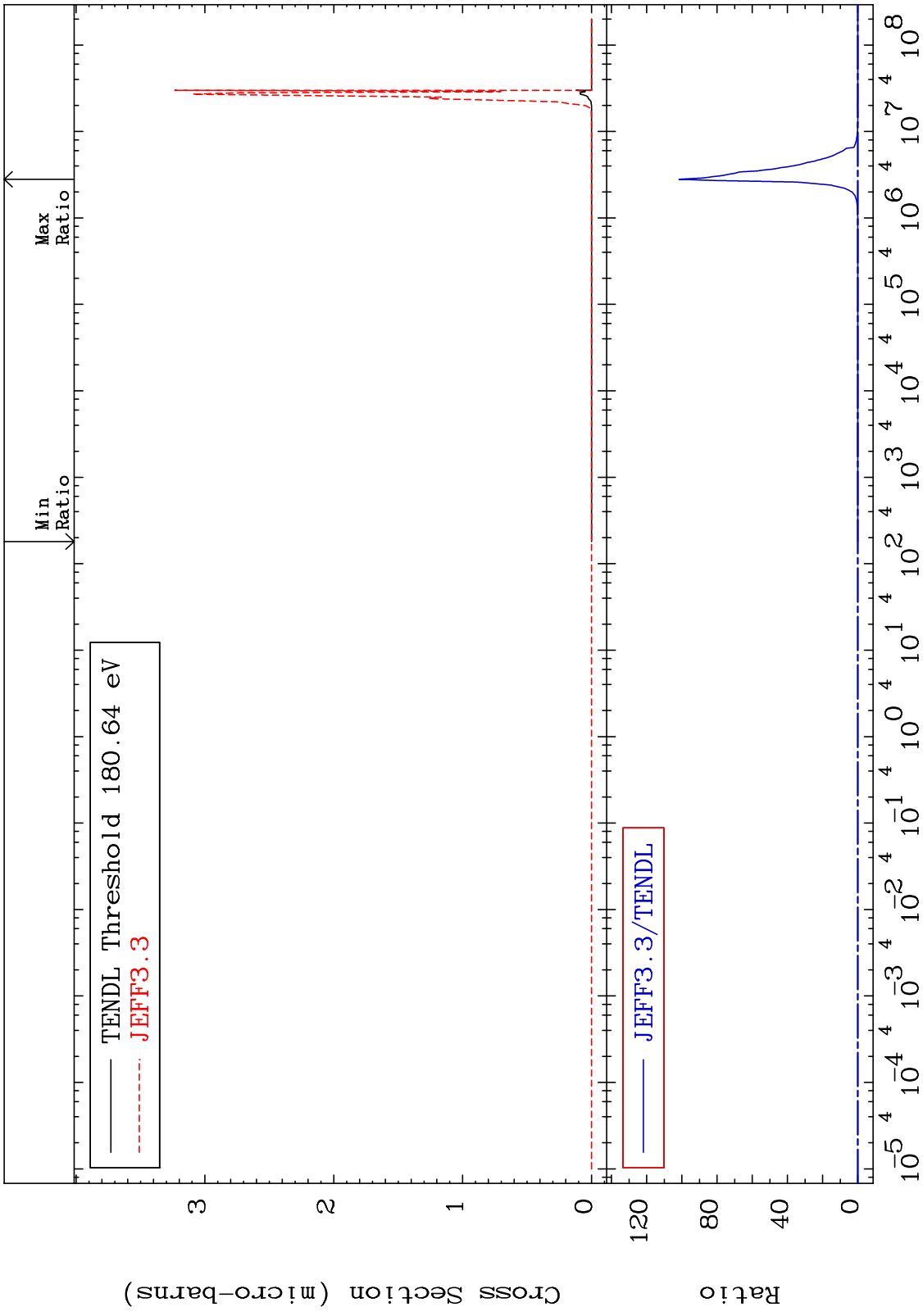
MAT 7625 (n, He-3) 76-0s-184
 Cross Section -14.98 To 0.000 %



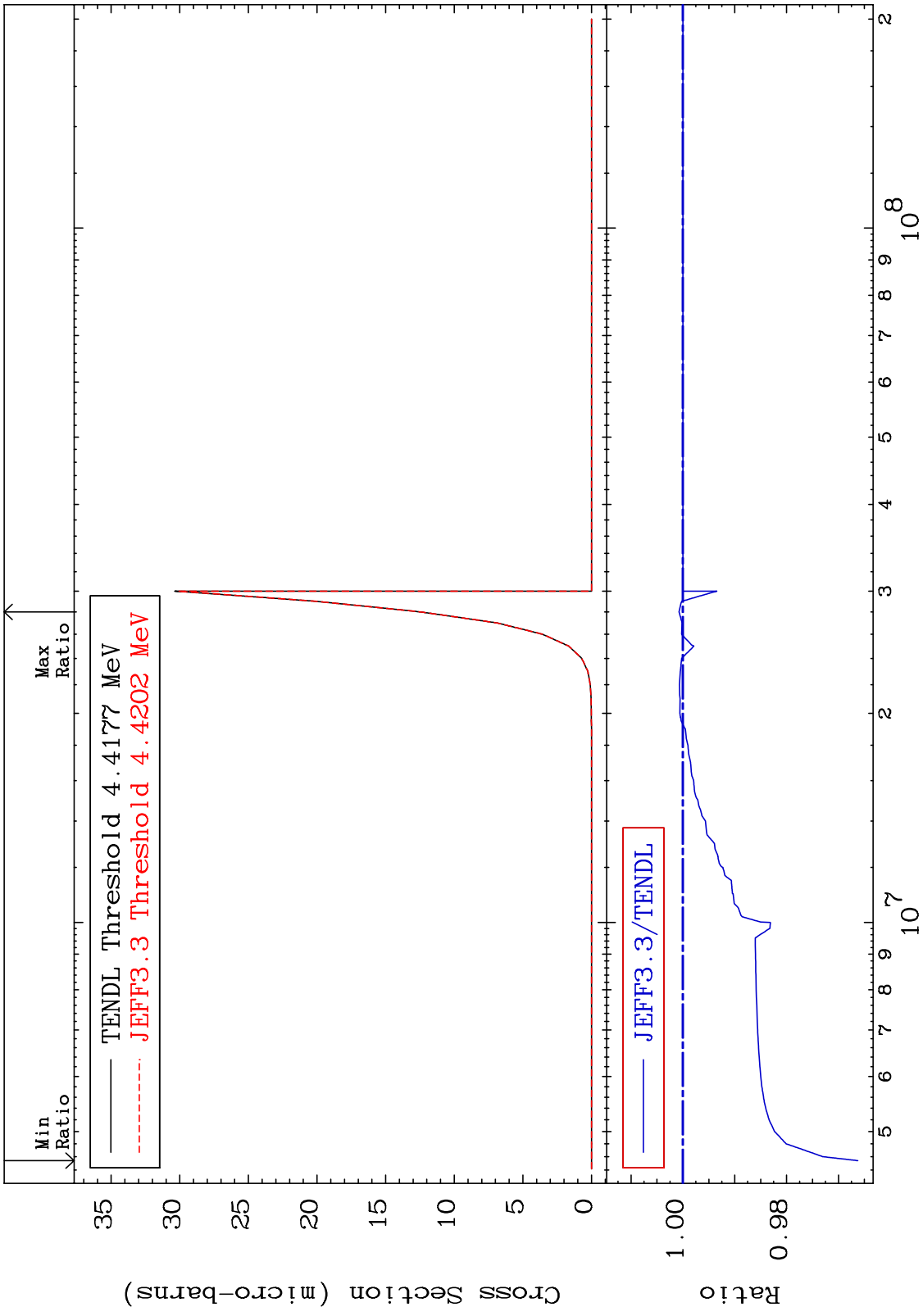
MAT 7625 (n, α) Cross Section 76-0s-184 -17.06 To 4862. %



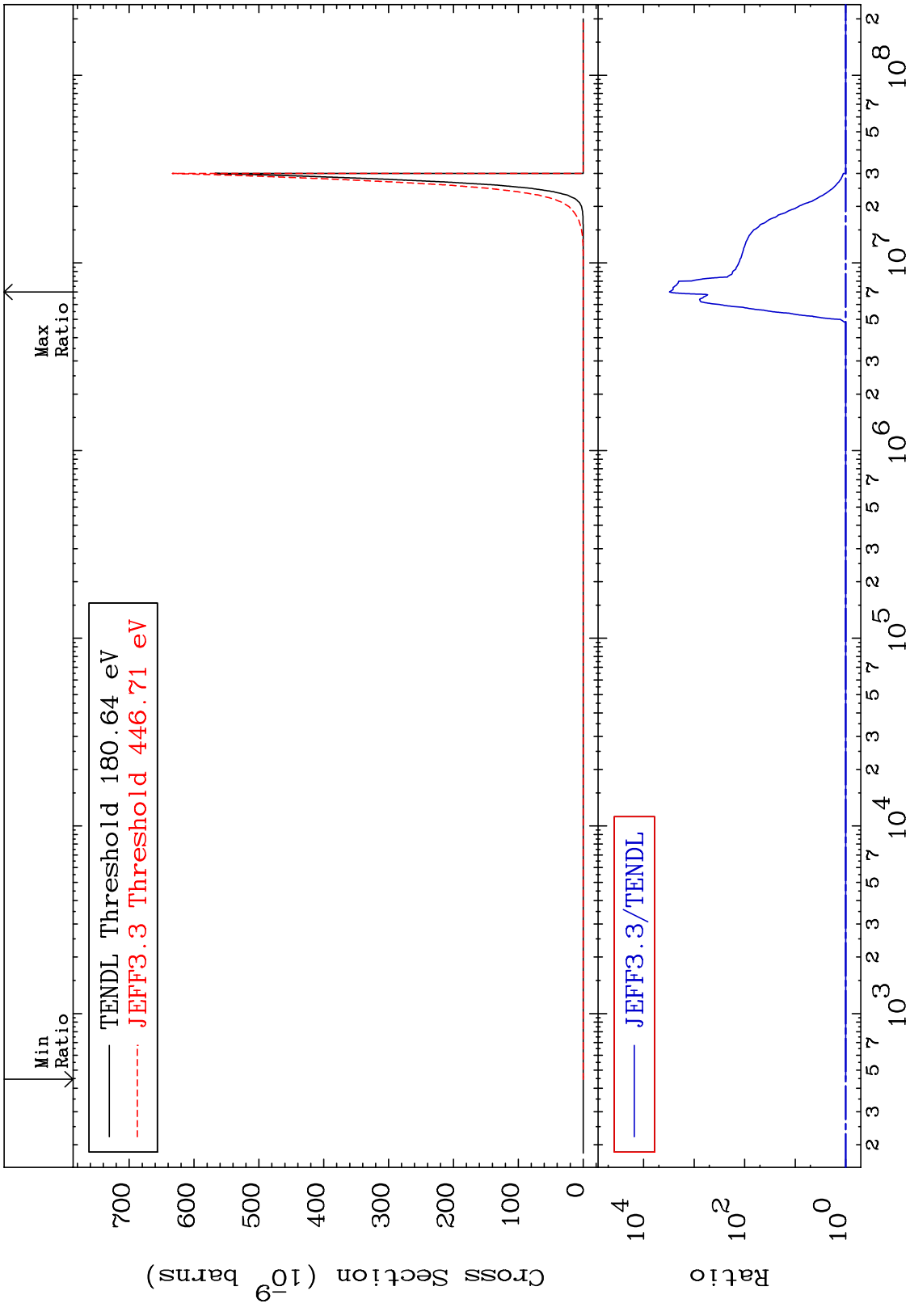
MAT 7625 (n,2α) Cross Section 76-Os-184 -100.0 To 9999. %



MAT 7625 (n,2p) Cross Section 76-0s-184
 -3.373 To 0.074 %



MAT 7625 (n,p) α 76-Os-184 To 9999. %
 Cross Section



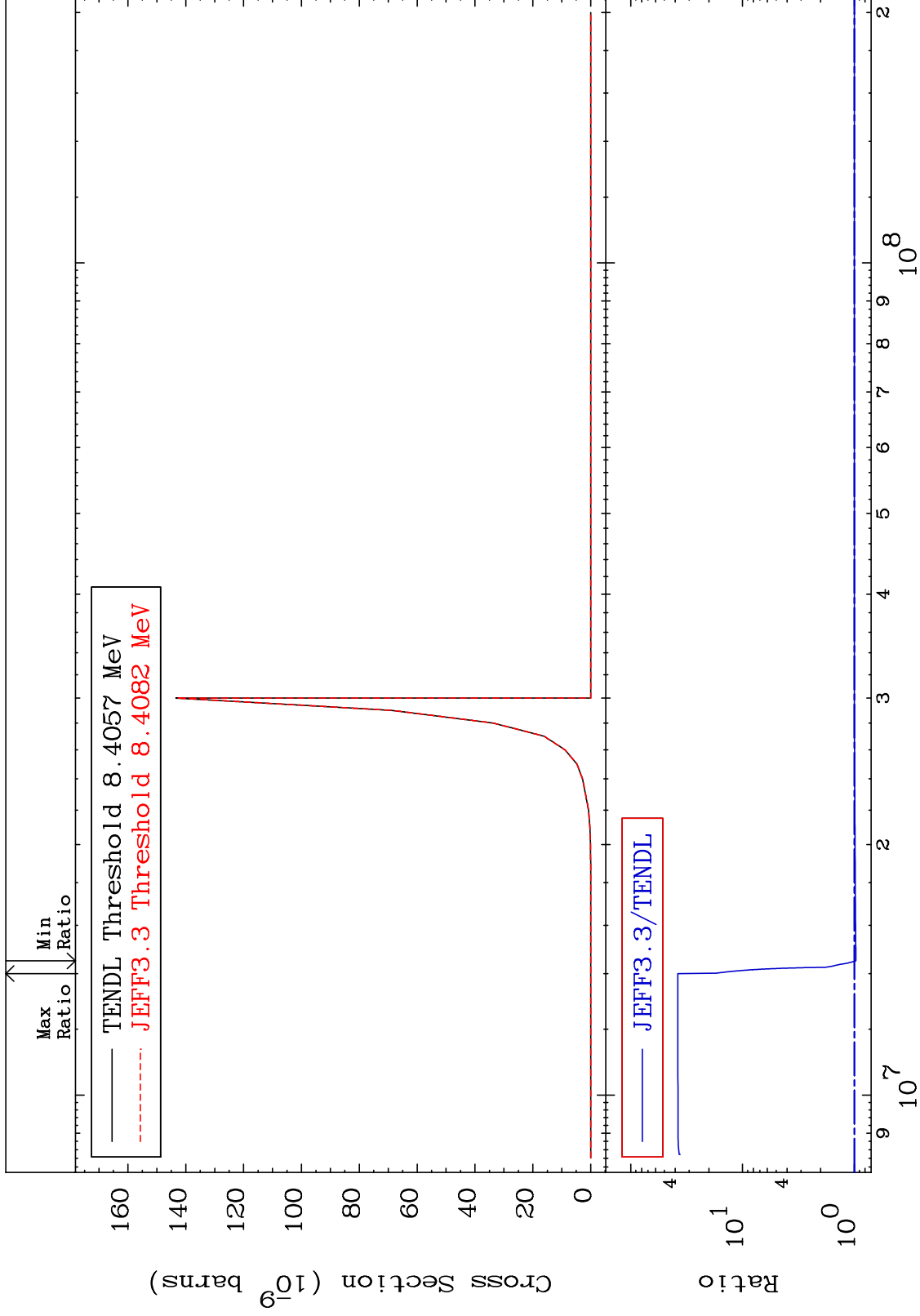
MAT 7625

(n,p) d

76-Os-184

Cross Section

-3.353 To 3689. %

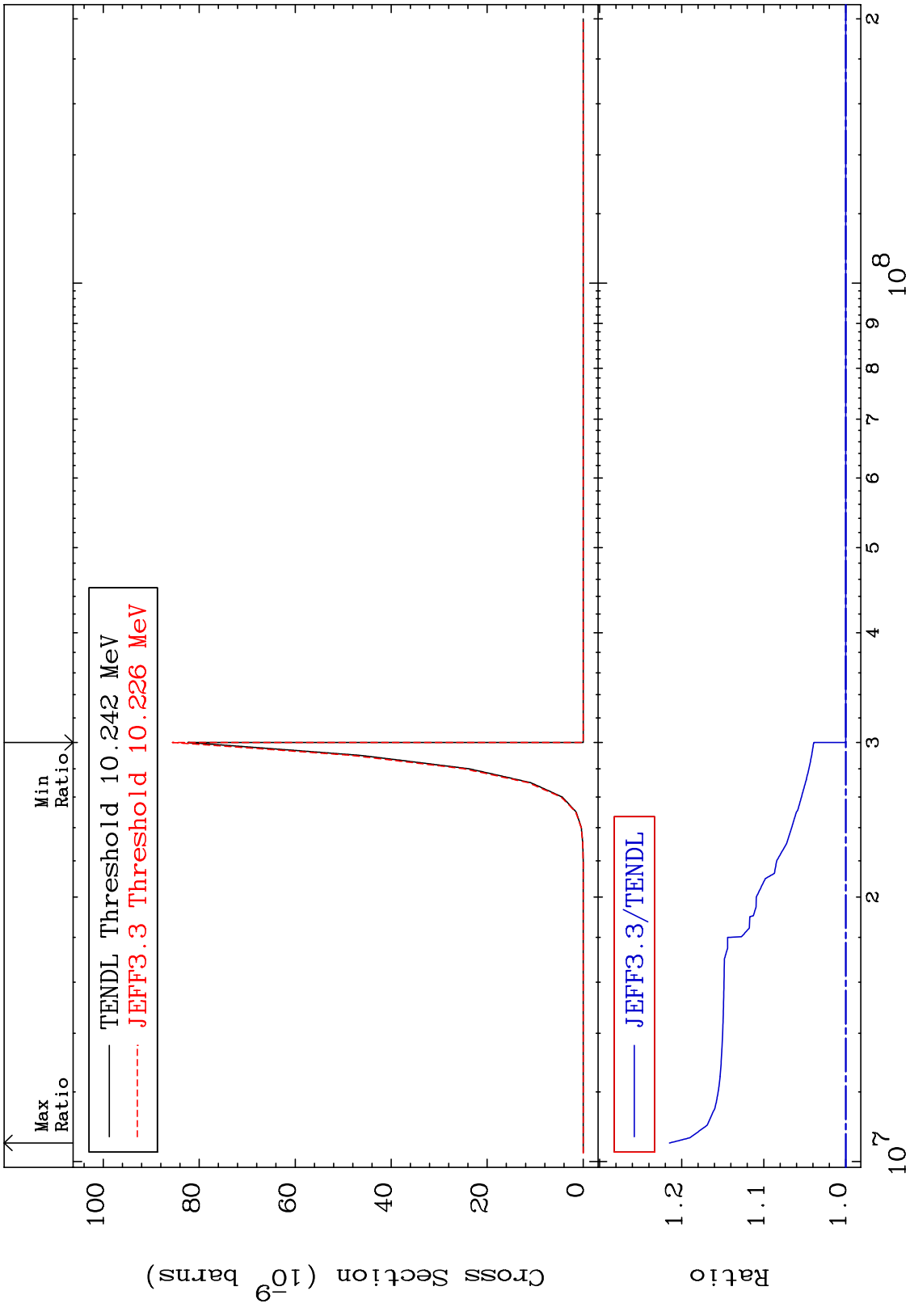


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Incident Energy (eV)

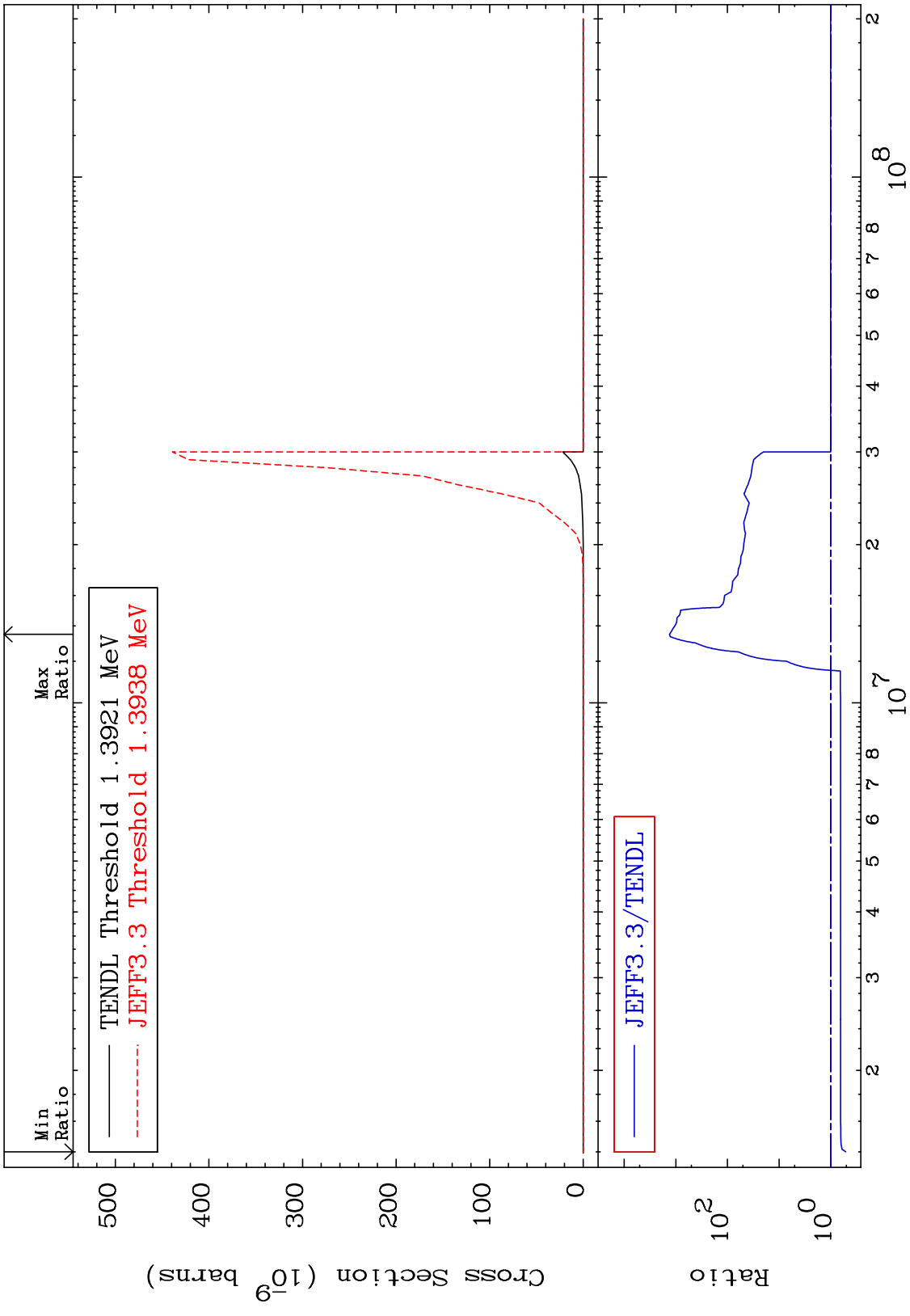
76-Os-184

MAT 7625 (n,p) t 76-Os-184
 Cross Section 0.000 To 21.49 %

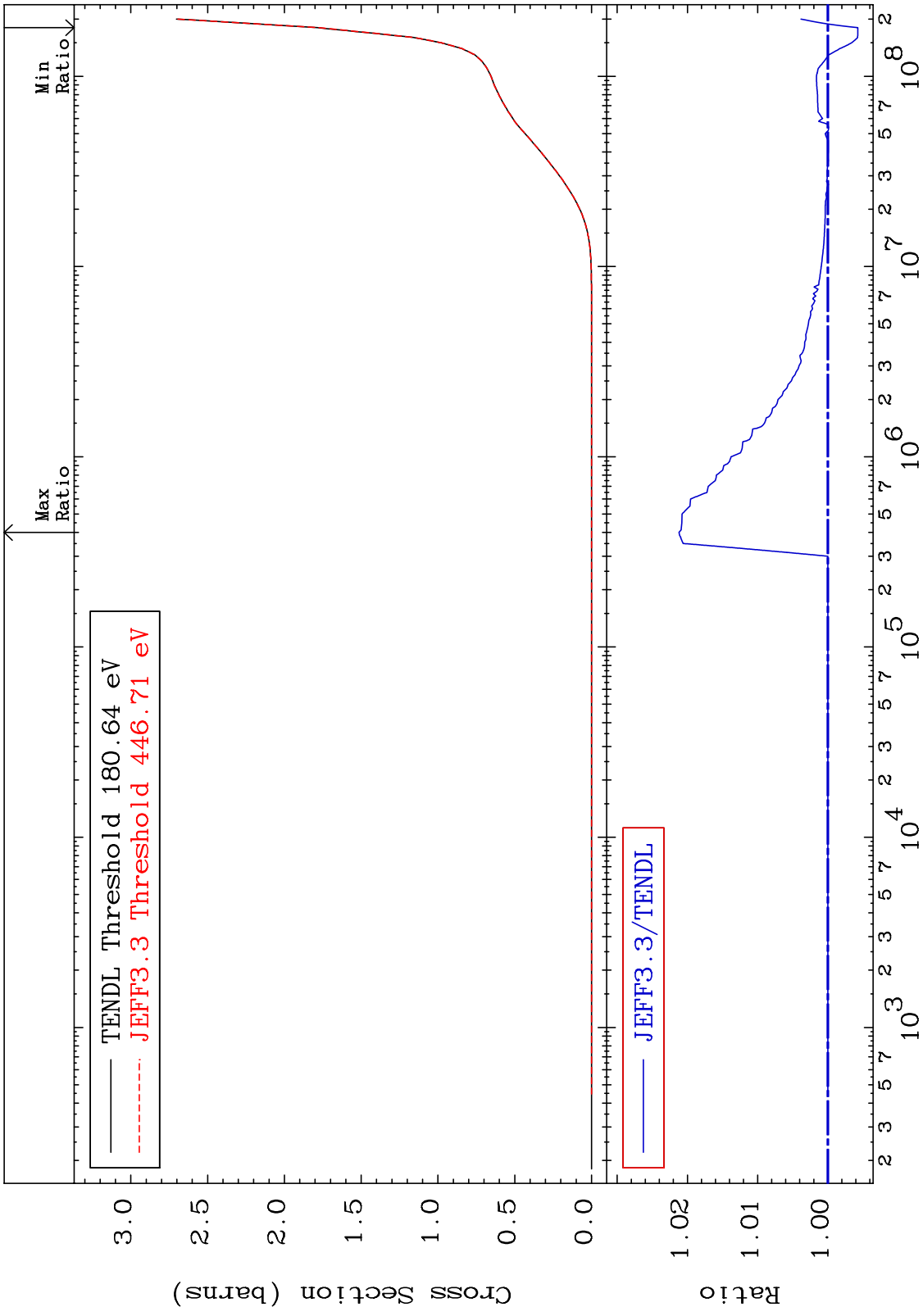


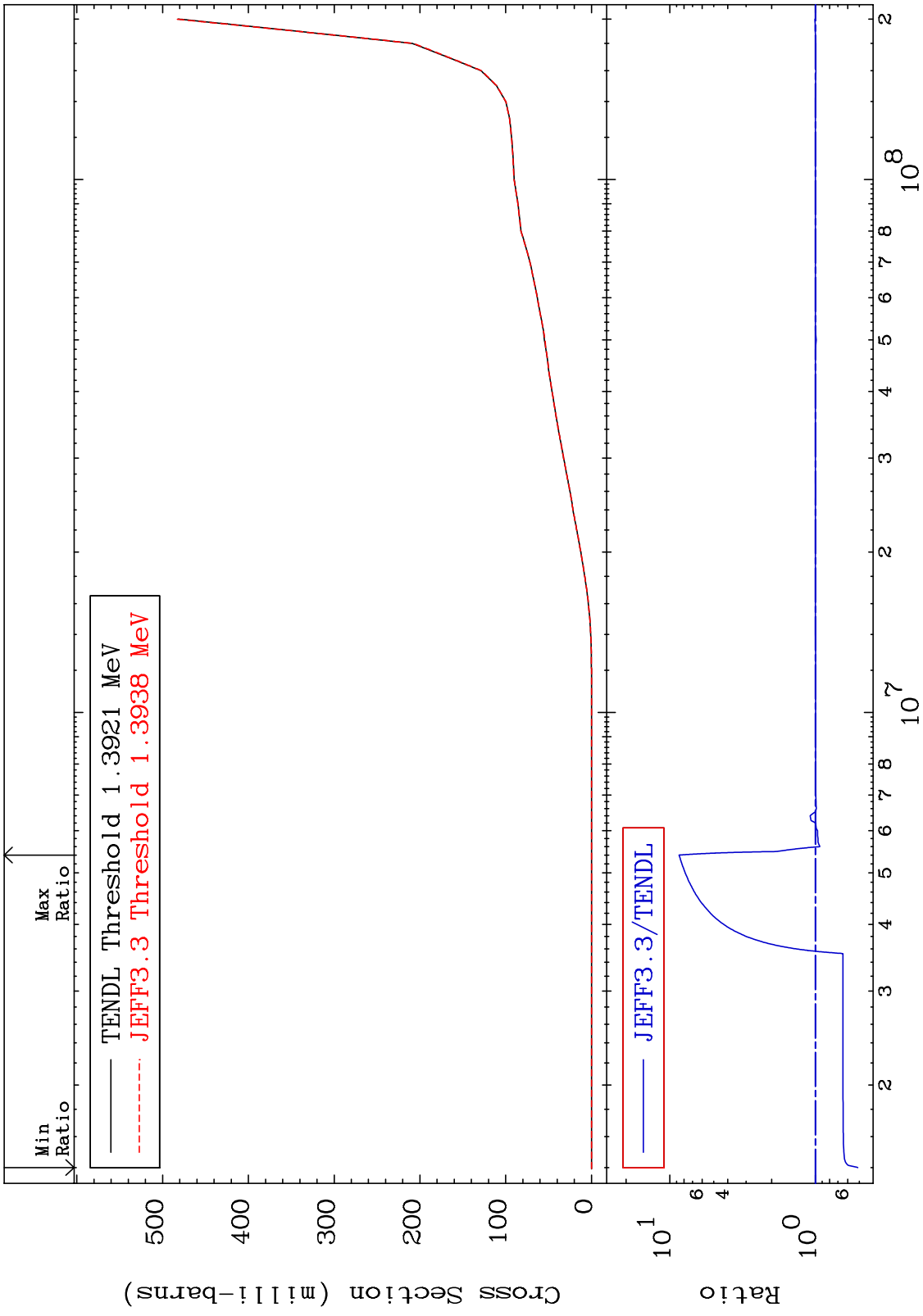
61 76-Os-184 Incident Energy (eV)

MAT 7625 (n,d) α 76-Os-184
 -48.86 To 9999. %
 Cross Section



MAT 7625 Hydrogen Production Cross Section 76-0s-184
 -0.428 To 2.119 %

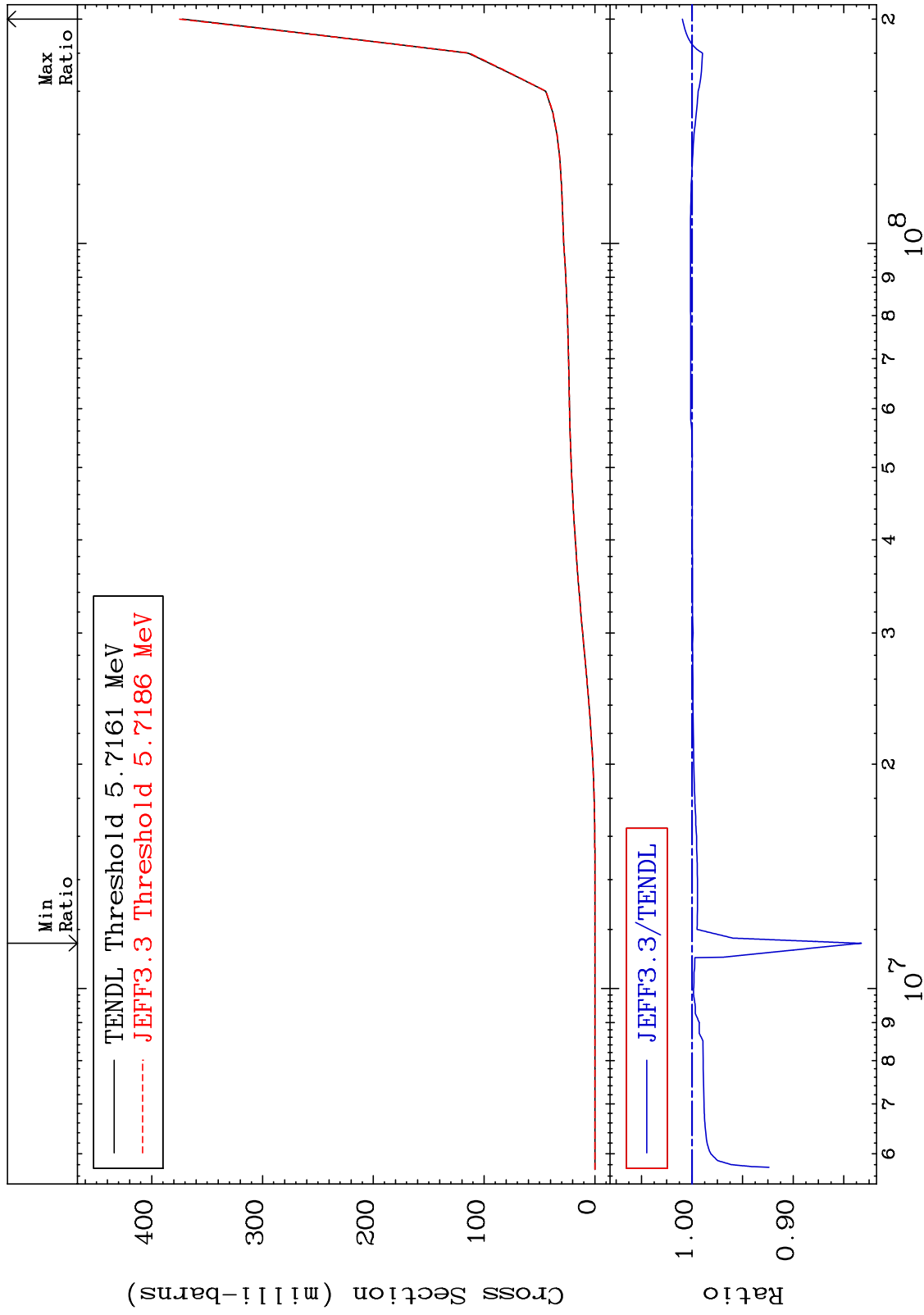




MAT 7625

Tritium Production
Cross Section

76-Os-184
-16.73 To 0.946 %



65

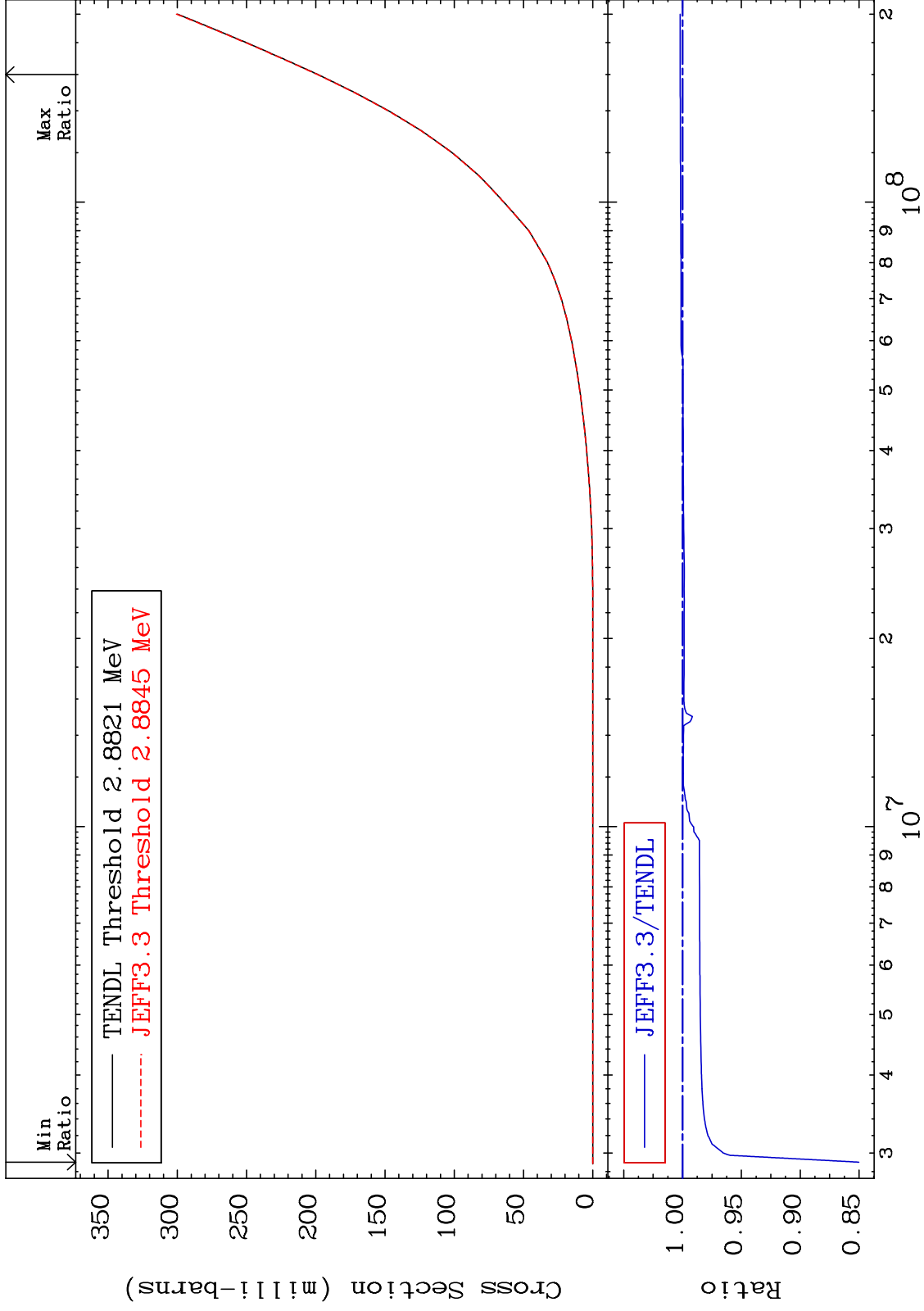
Incident Energy (eV)

76-Os-184

MAT 7625

He-3 Production
Cross Section

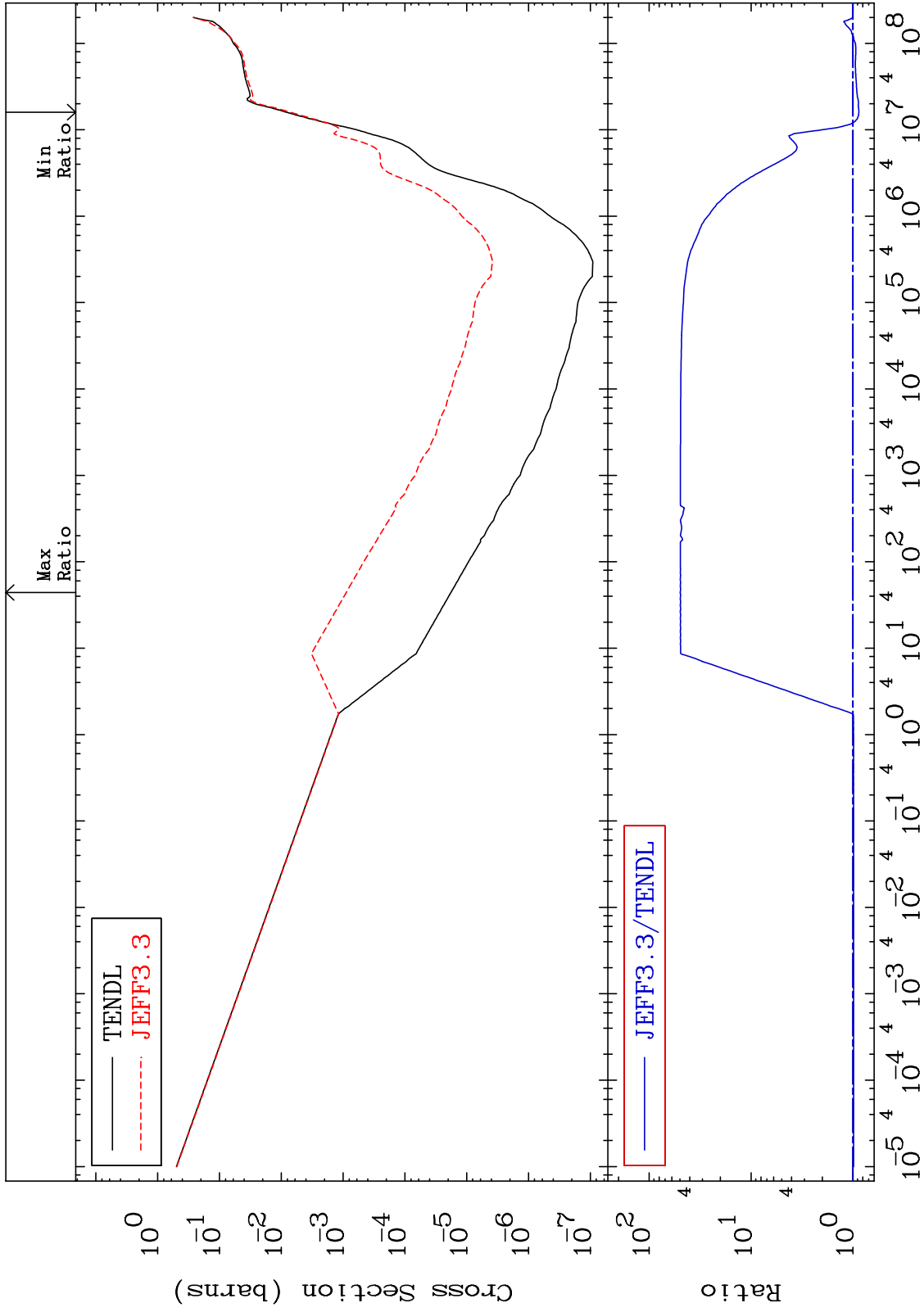
76-0s-184
-14.98 To 0.201 %



MAT 7625

He-4 Production
Cross Section

76-0s-184
-12.58 To 4862. %

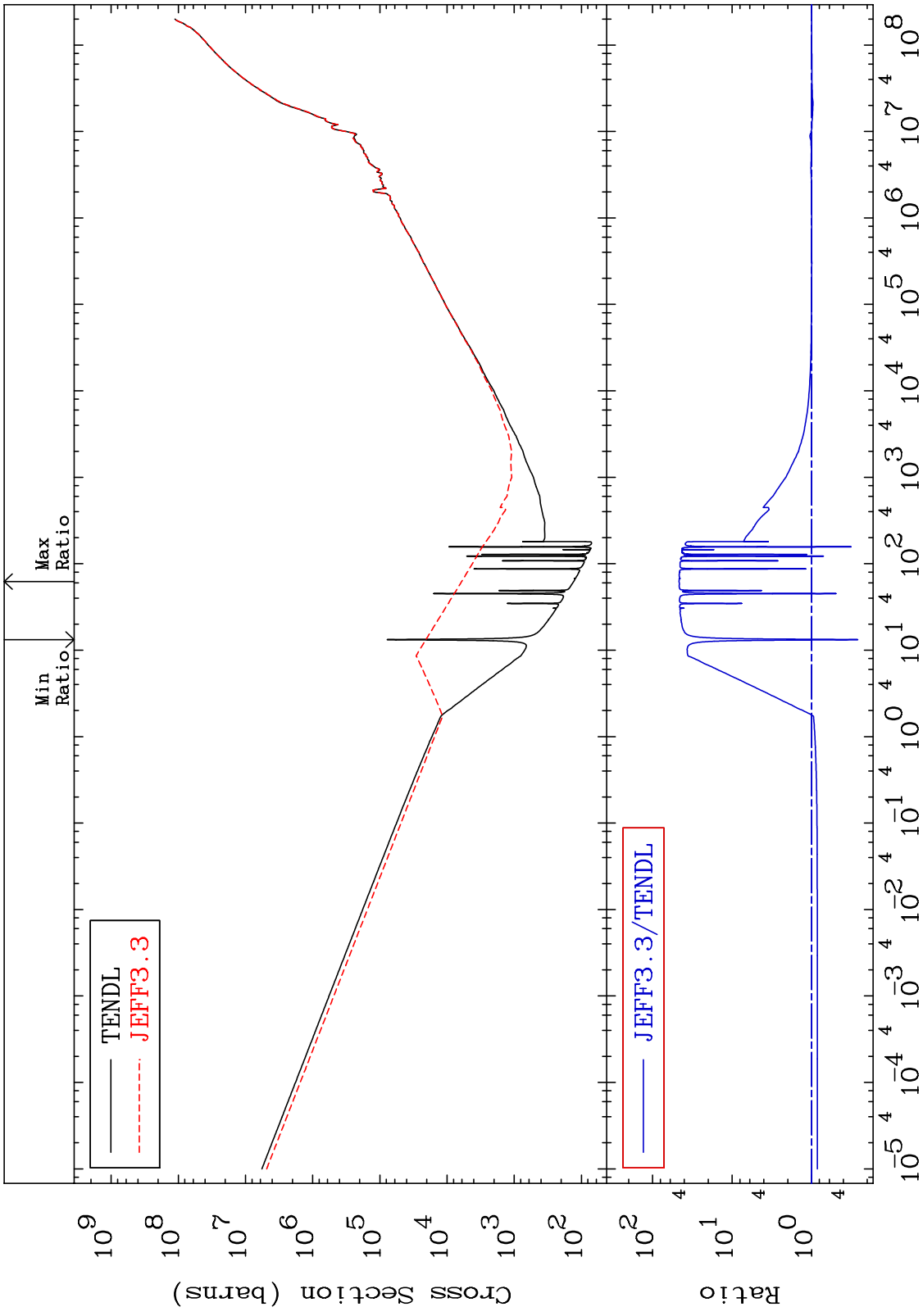


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Incident Energy (eV)

76-0s-184

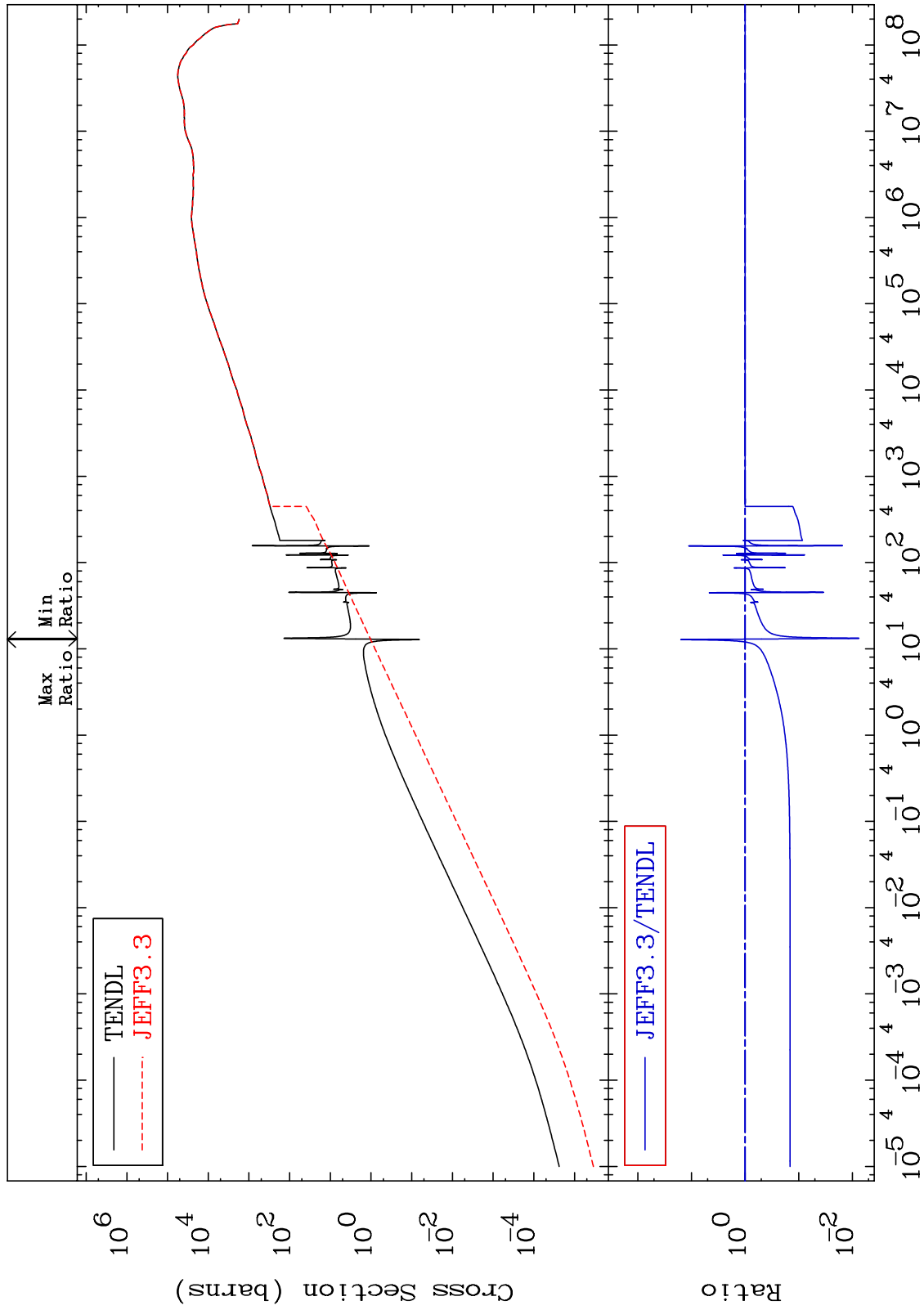
MAT 7625 Kerma total (eV-barns) 76-Os-184
 Cross Section -73.72 To 4554. %



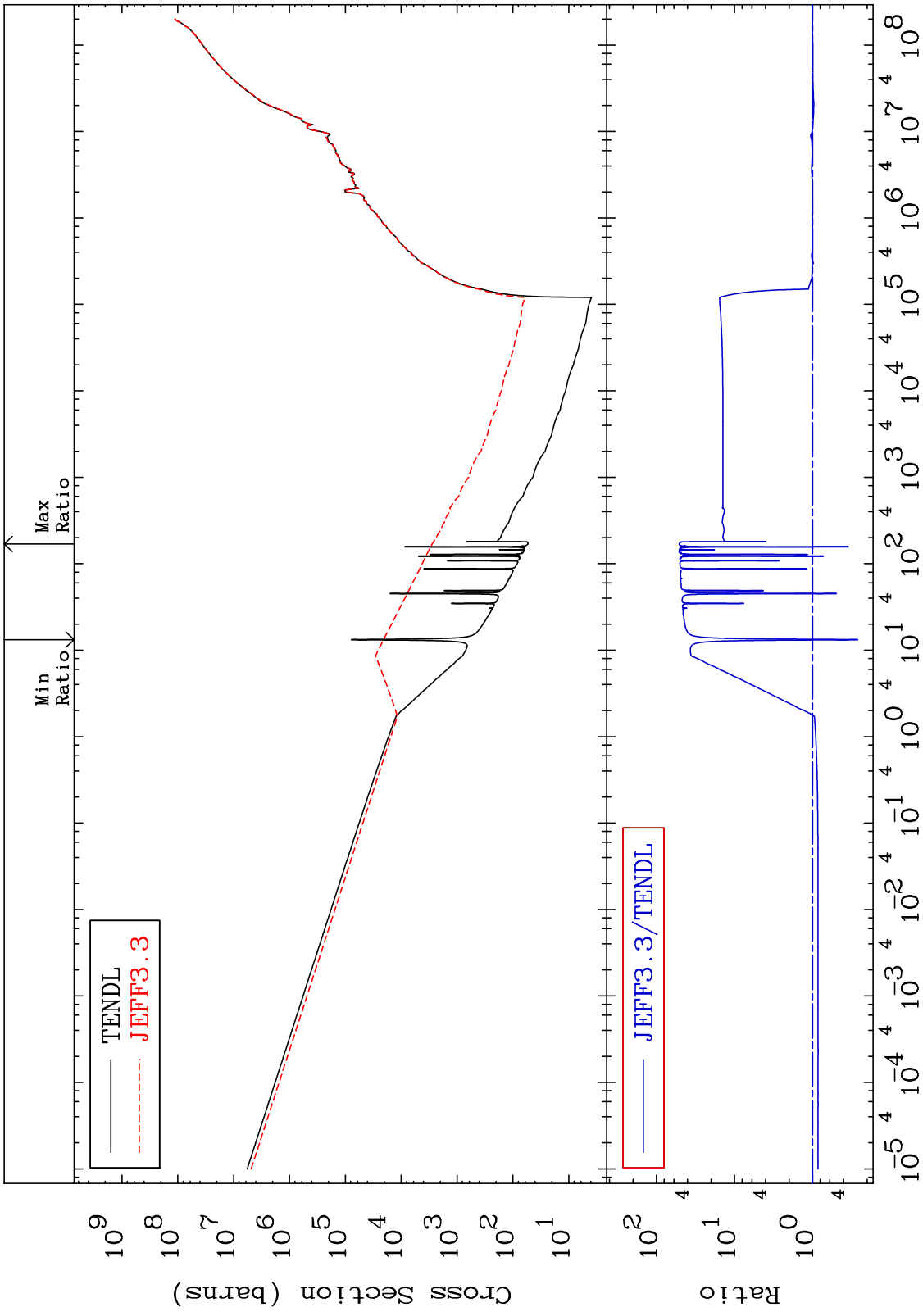
MAT 7625

Kerma elastic
Cross Section

76-0s-184
-99.25 To 1494. %

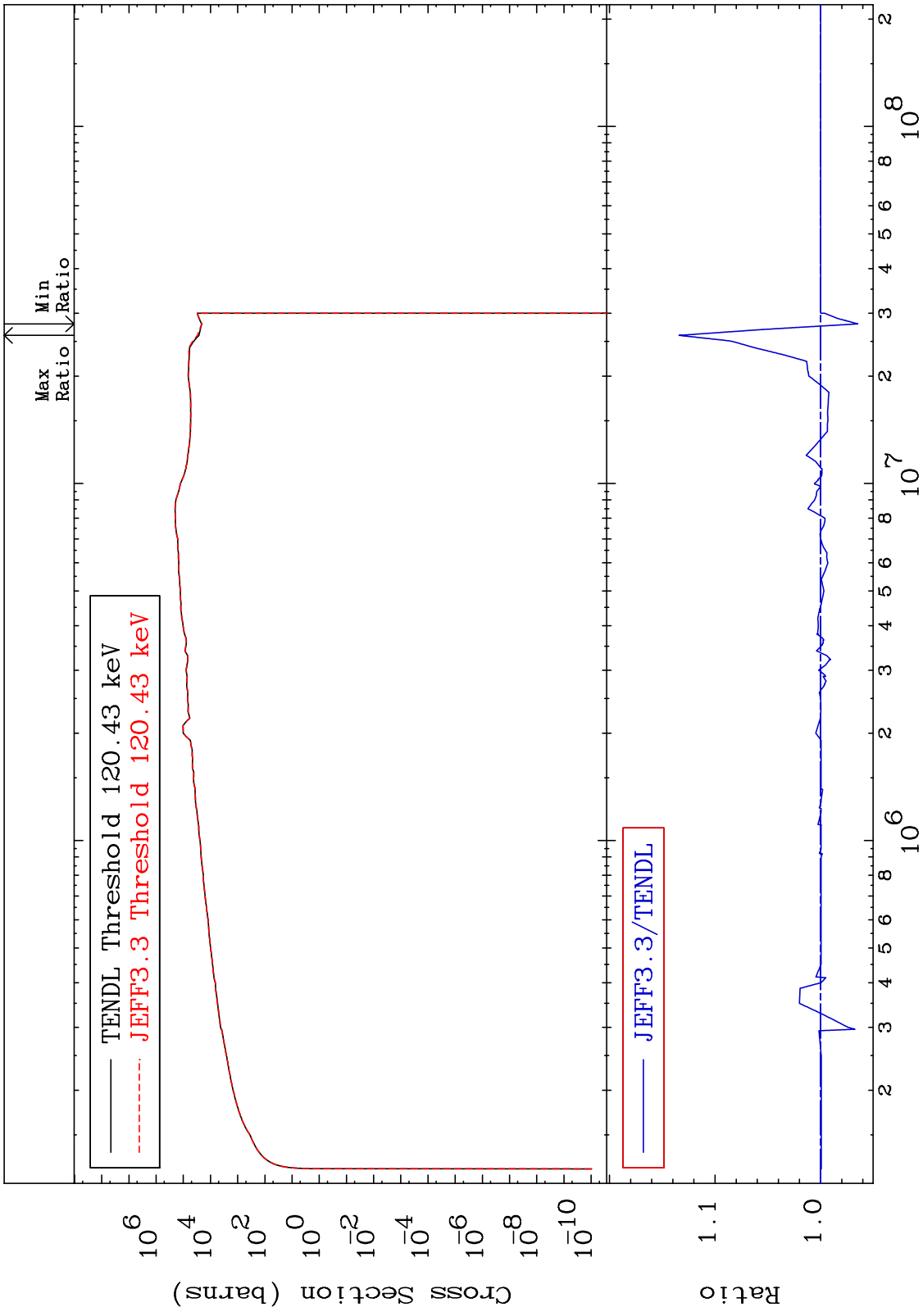


MAT 7625 Kerma non-elastic (all but mt2) 76-0s-184
 -73.68 To 5048. %
 Cross Section



70 76-0s-184

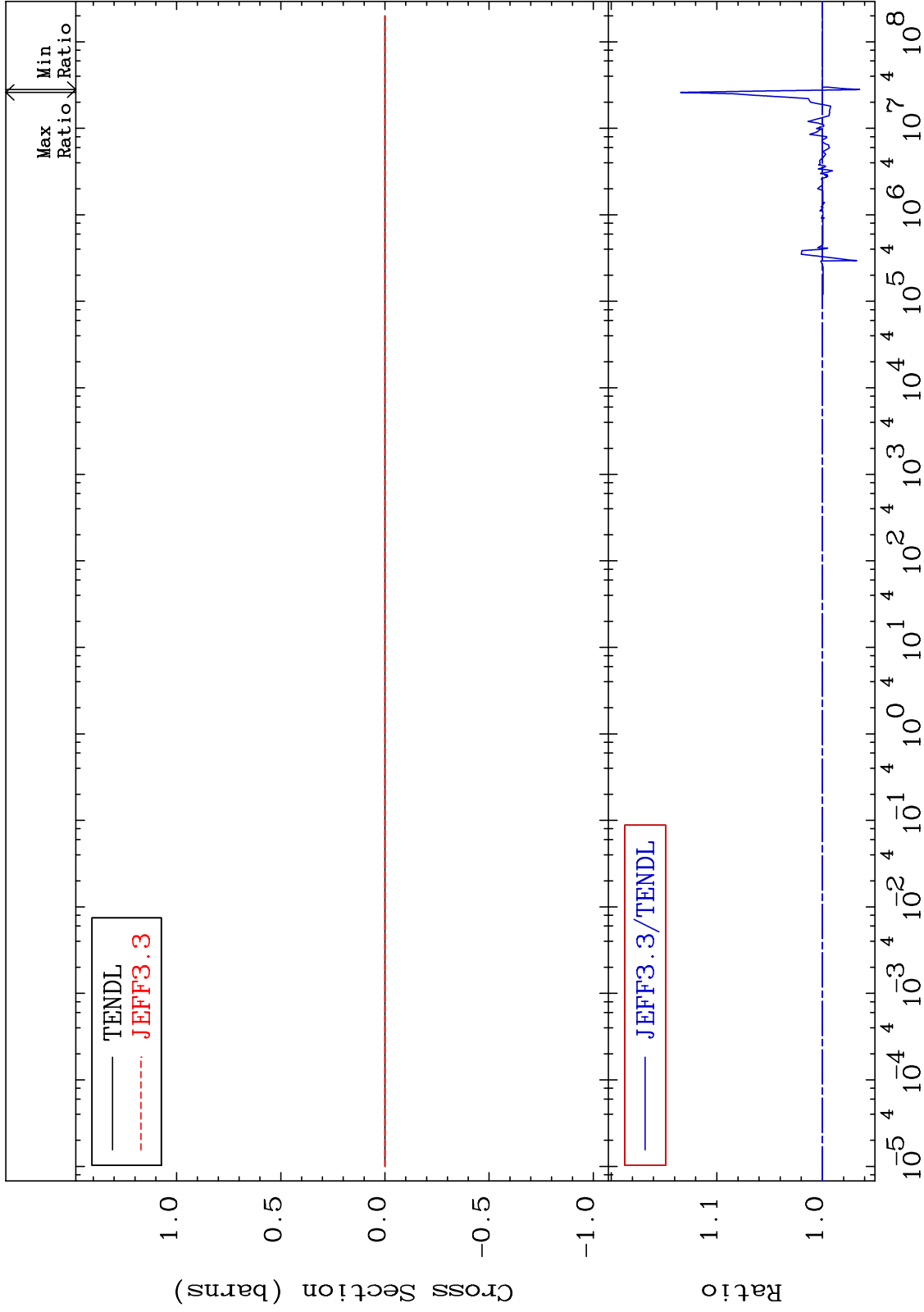
MAT 7625 Kerma inelastic (mt51-91) 76-Os-184
 Cross Section -3.525 To 13.41 %



MAT 7625

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

76-0s-184
-3.525 To 13.41 %

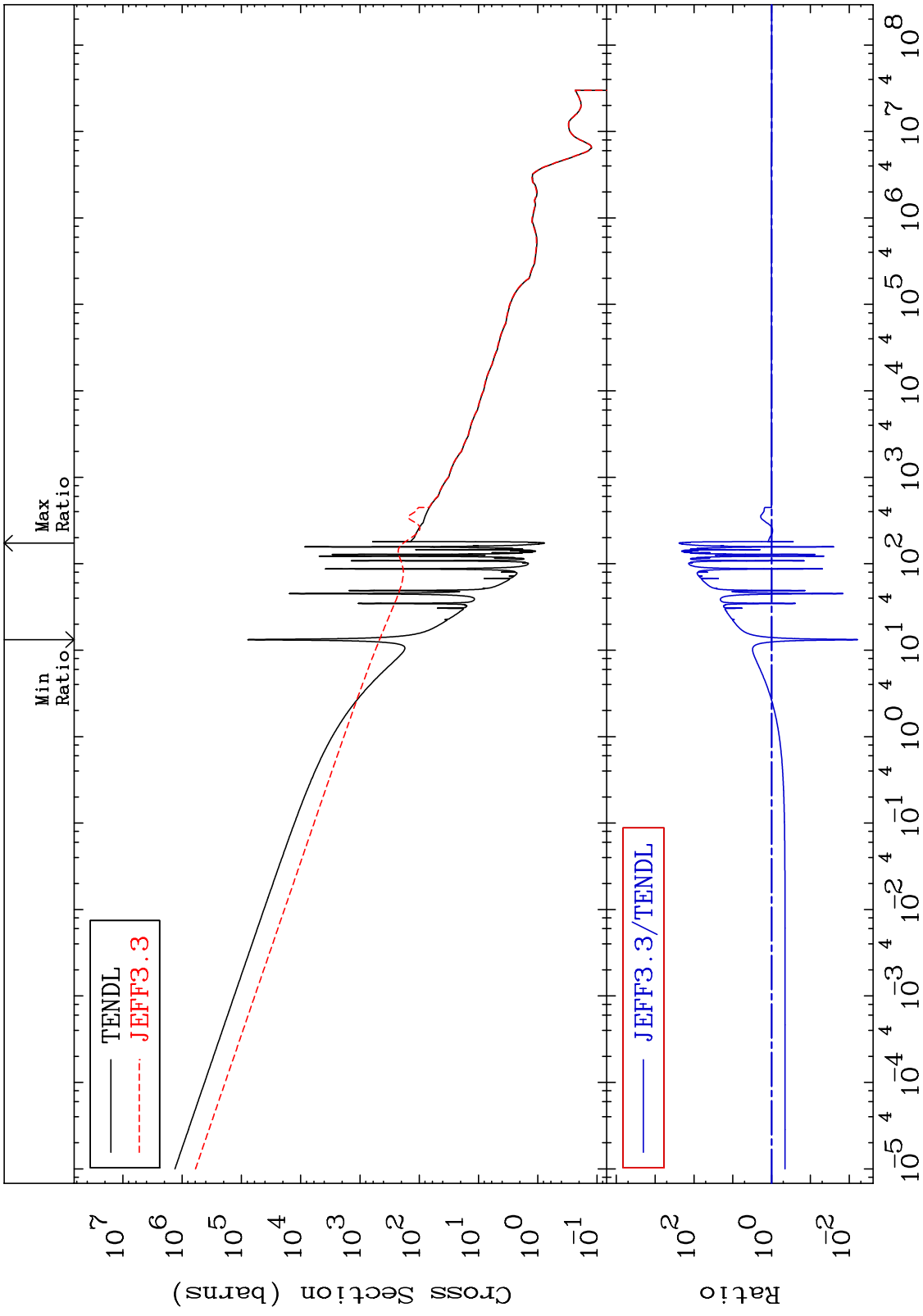


72

Incident Energy (eV)

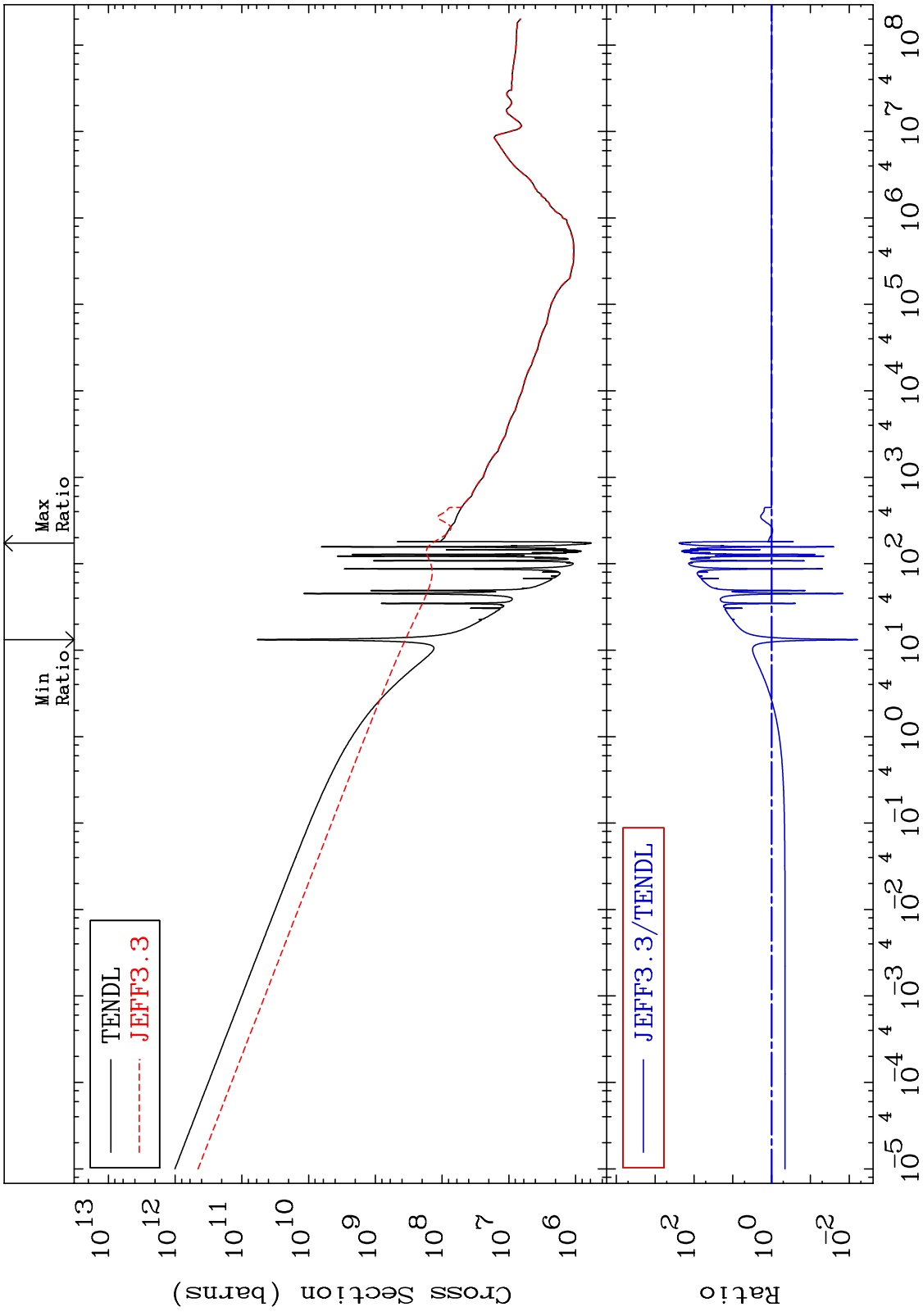
76-0s-184

MAT 7625 Kerma capture (mt102) 76-Os-184
 Cross Section -99.40 To 9999. %



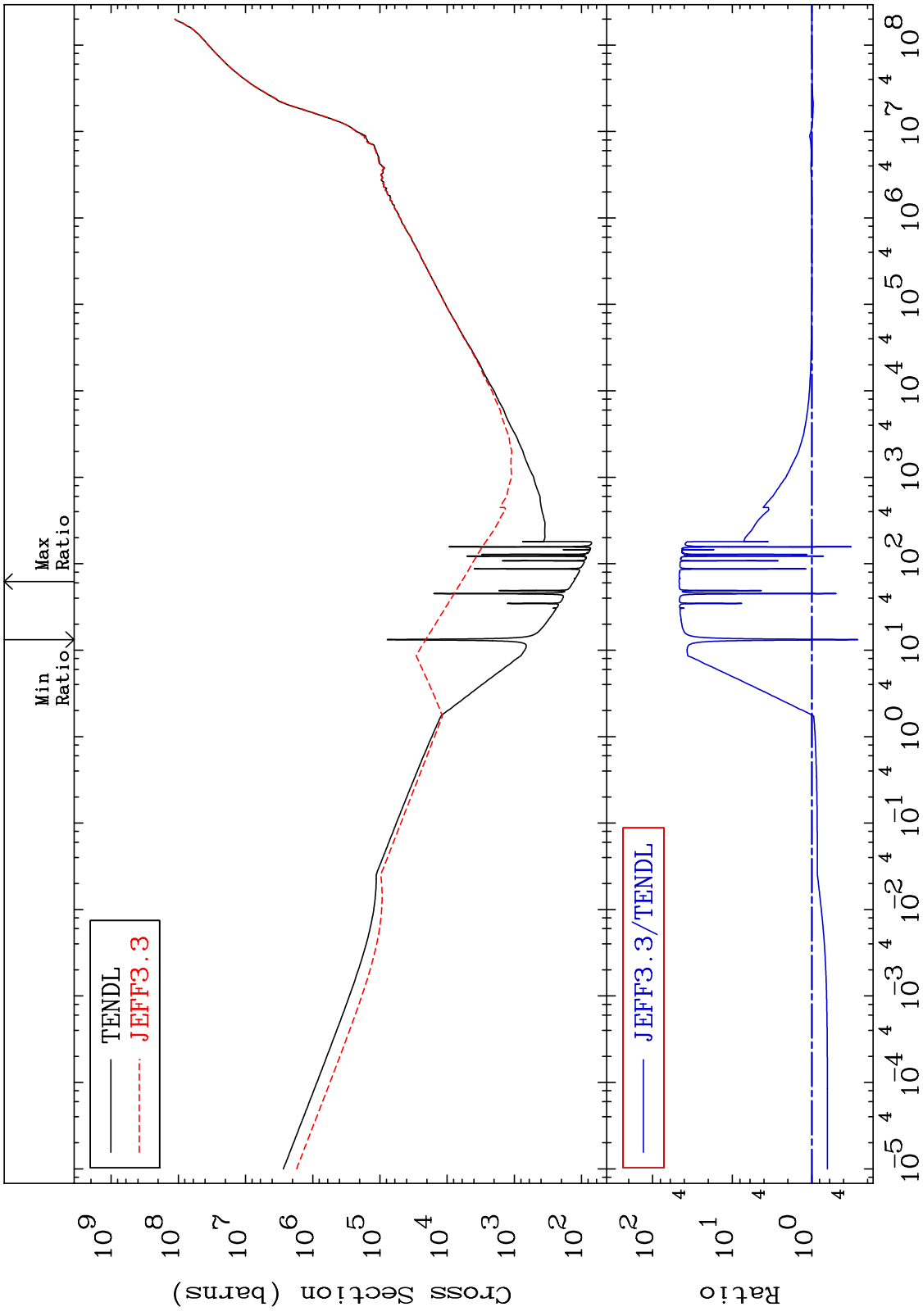
73 76-Os-184

MAT 7625 76-Os-184
-99.40 To 9999. %
 Total photon (eV-barns)
 Cross Section



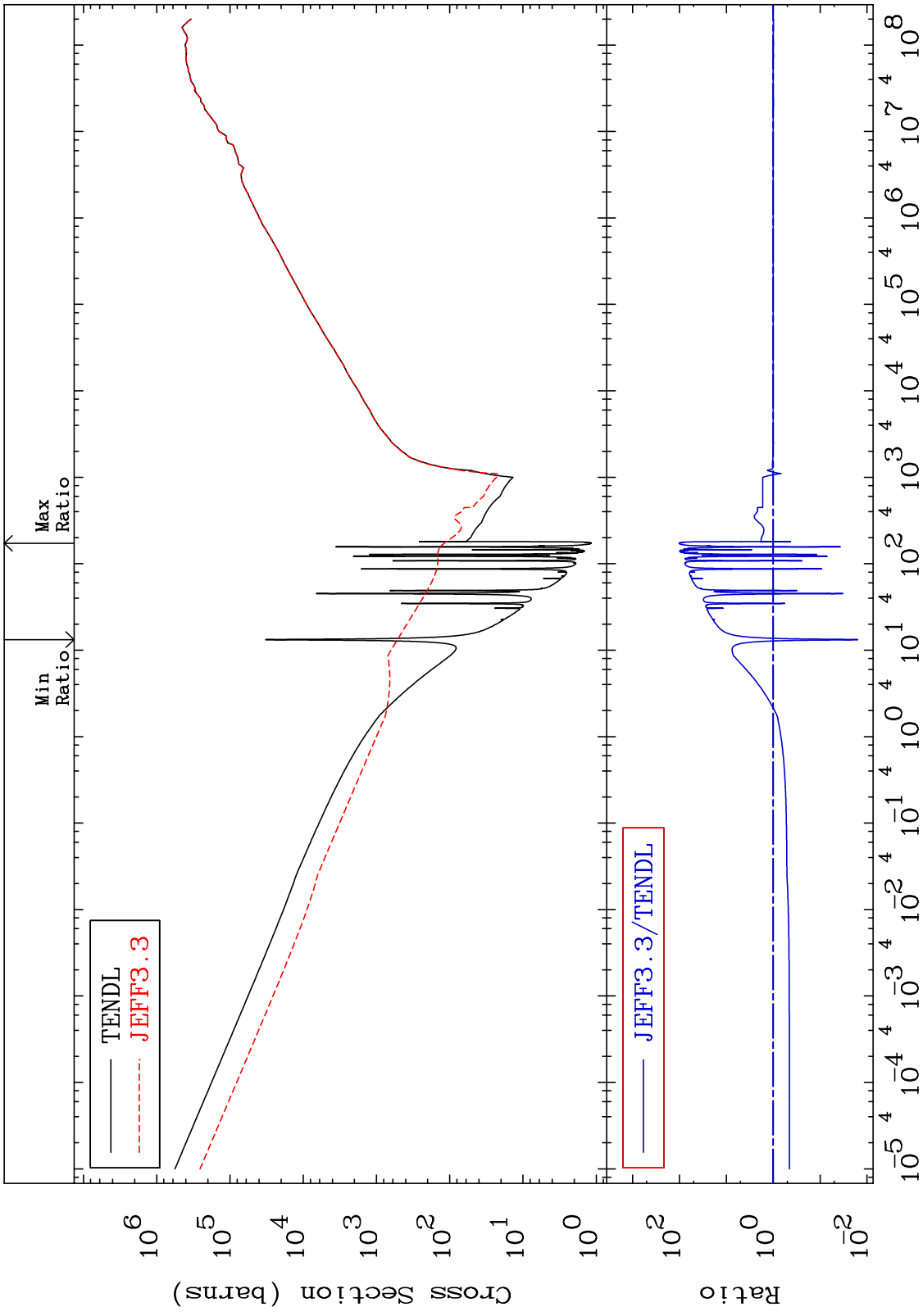
74 76-Os-184

MAT 7625 Total kinematic kerma (high limit) 76-Os-184
 Cross Section -73.50 To 4557. %



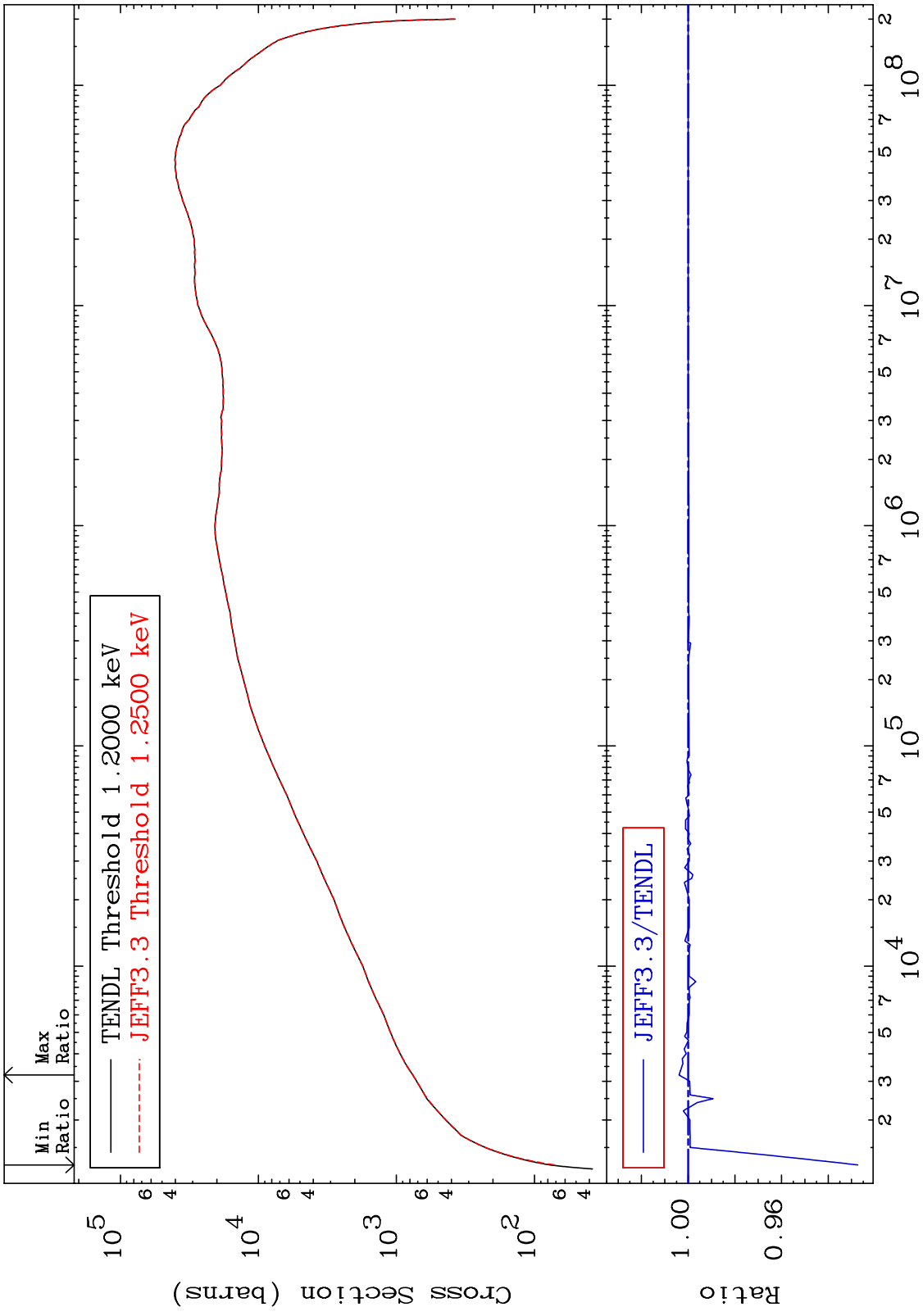
75 76-Os-184

MAT 7625 Dpa total (eV-barns) 76-0s-184
 Cross Section -98.43 To 9999. %

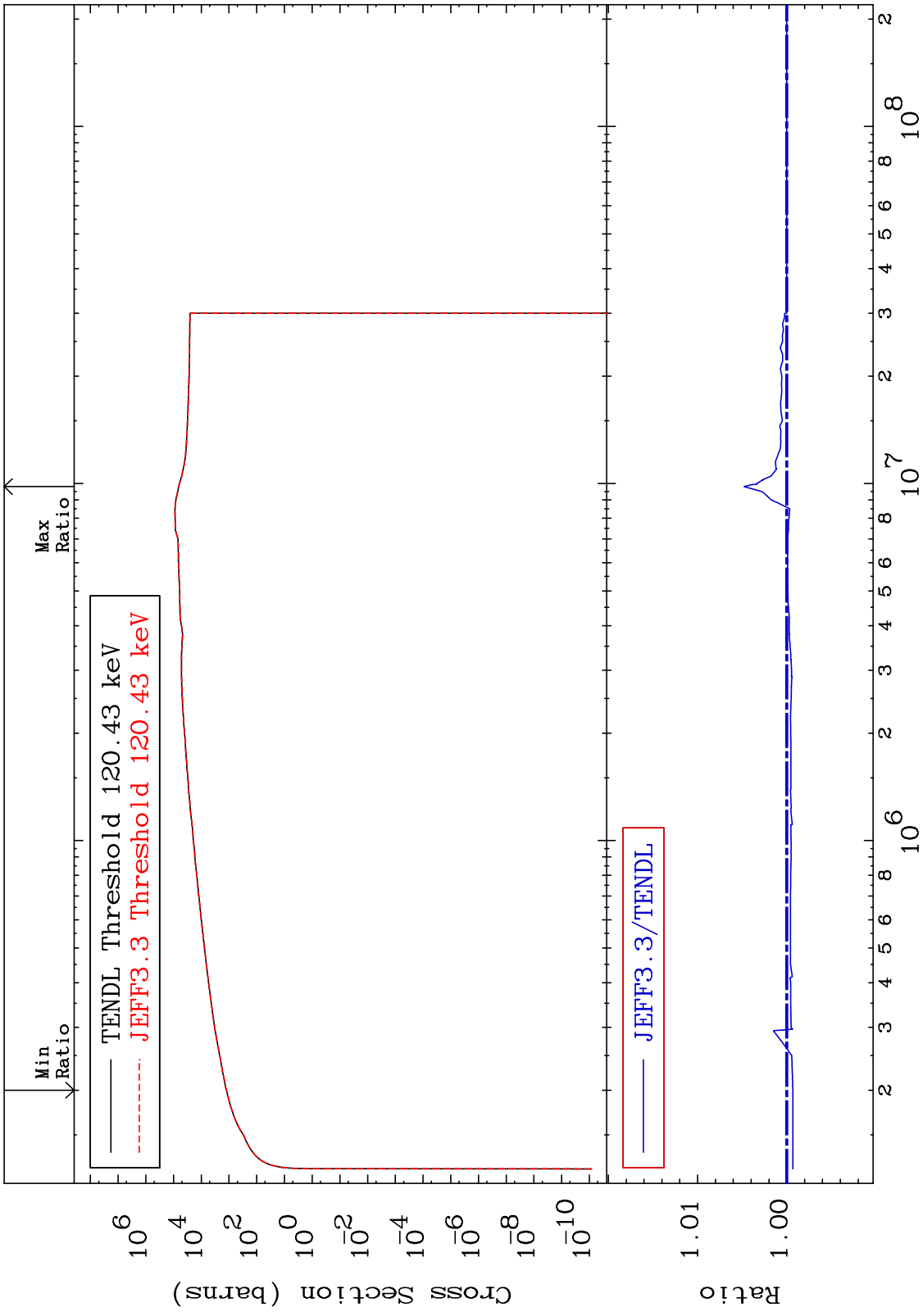


76 Incident Energy (eV) 76-0s-184

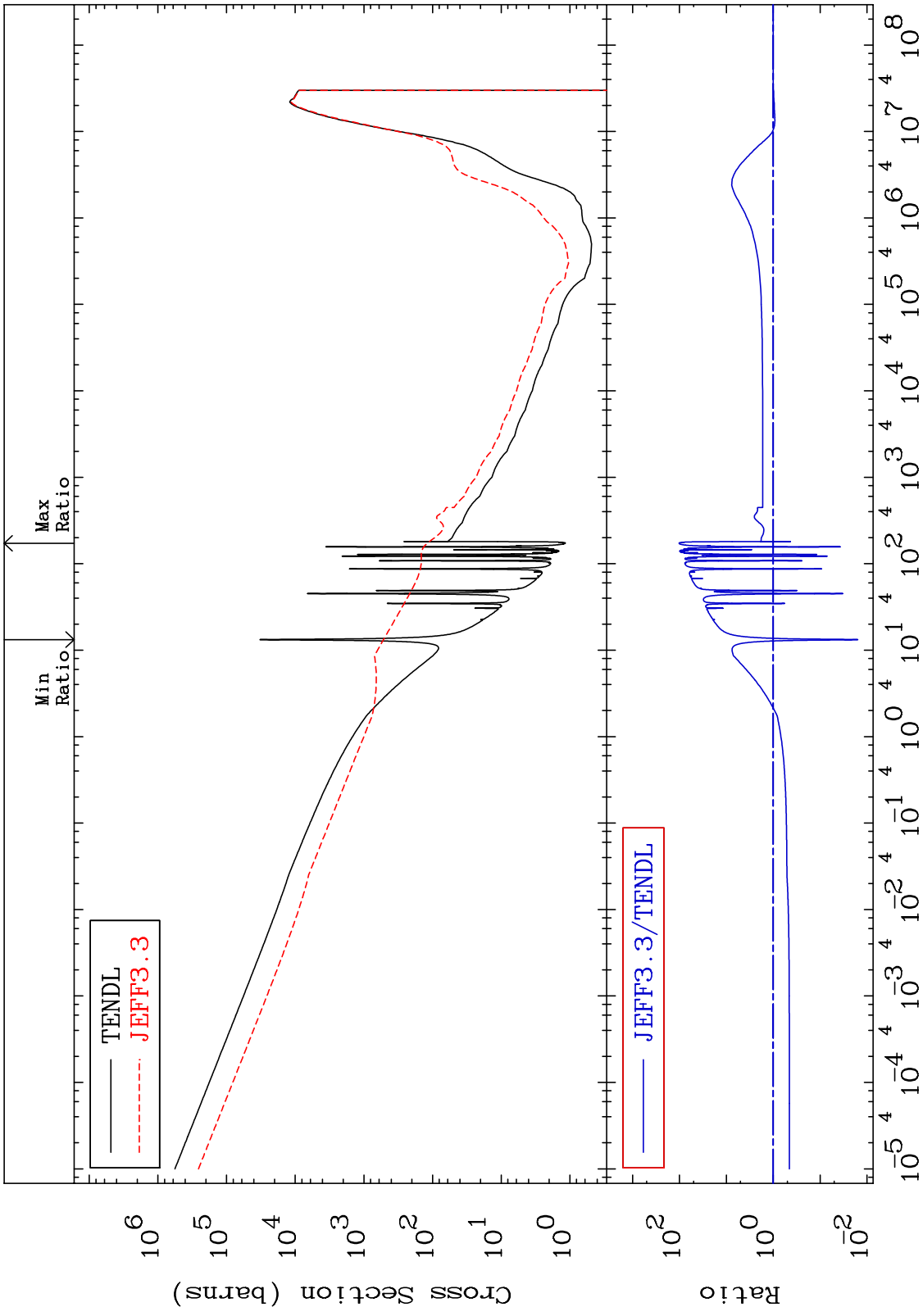
MAT 7625 Dpa elastic (mt2) 76-Os-184
 Cross Section -7.269 To 0.390 %



MAT 7625 Dpa inelastic (mt51-91) 76-Os-184
 Cross Section -0.068 To 0.479 %



MAT 7625 Dpa disappearance (mt102 -120) 76-0s-184
 Cross Section -98.43 To 9999. %

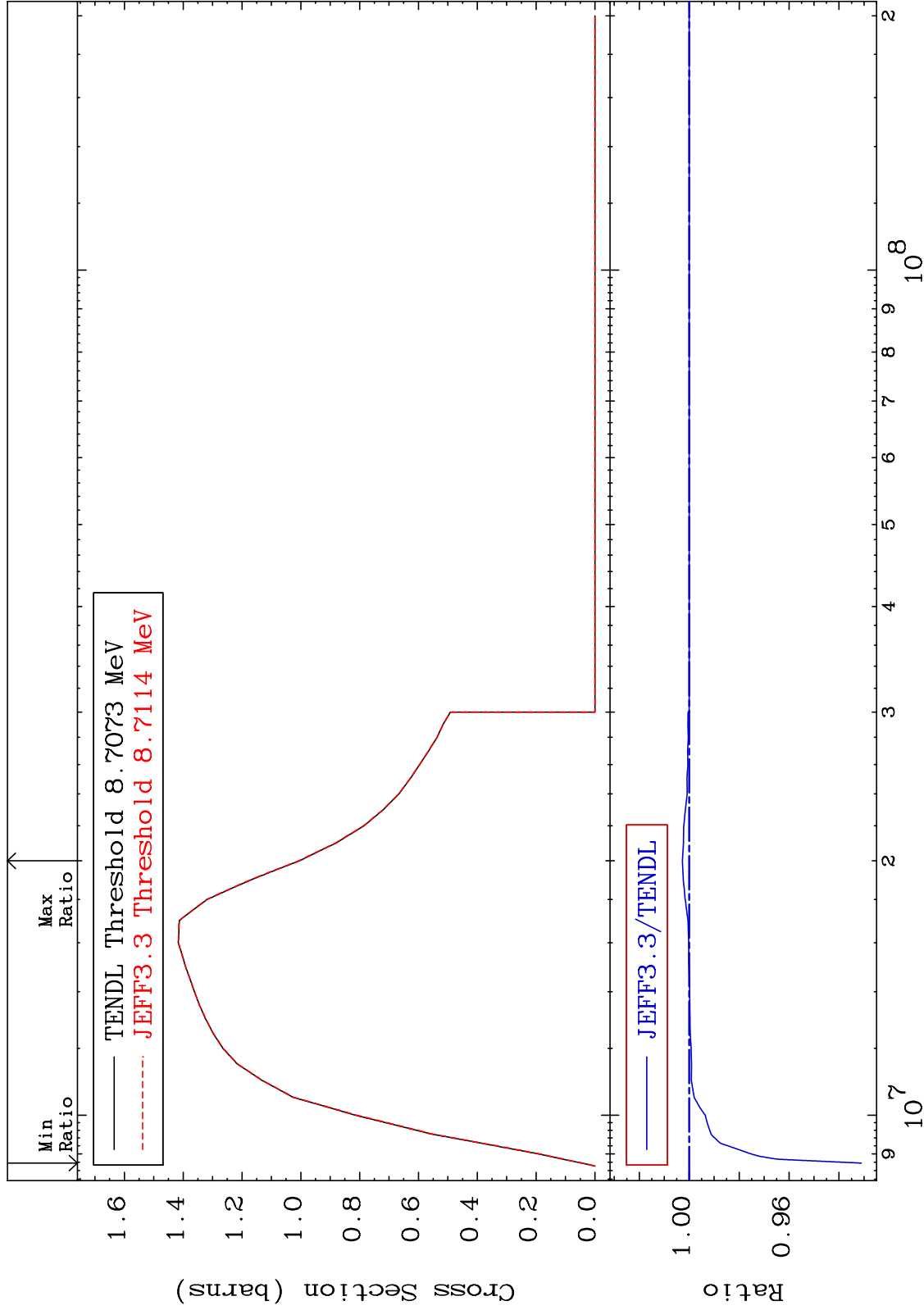


MAT 7625

(n,2n):76-0s-183g

76-0s-184

Radionuclide Production Cross Section -6.891 To 0.270 %



80

Incident Energy (eV)

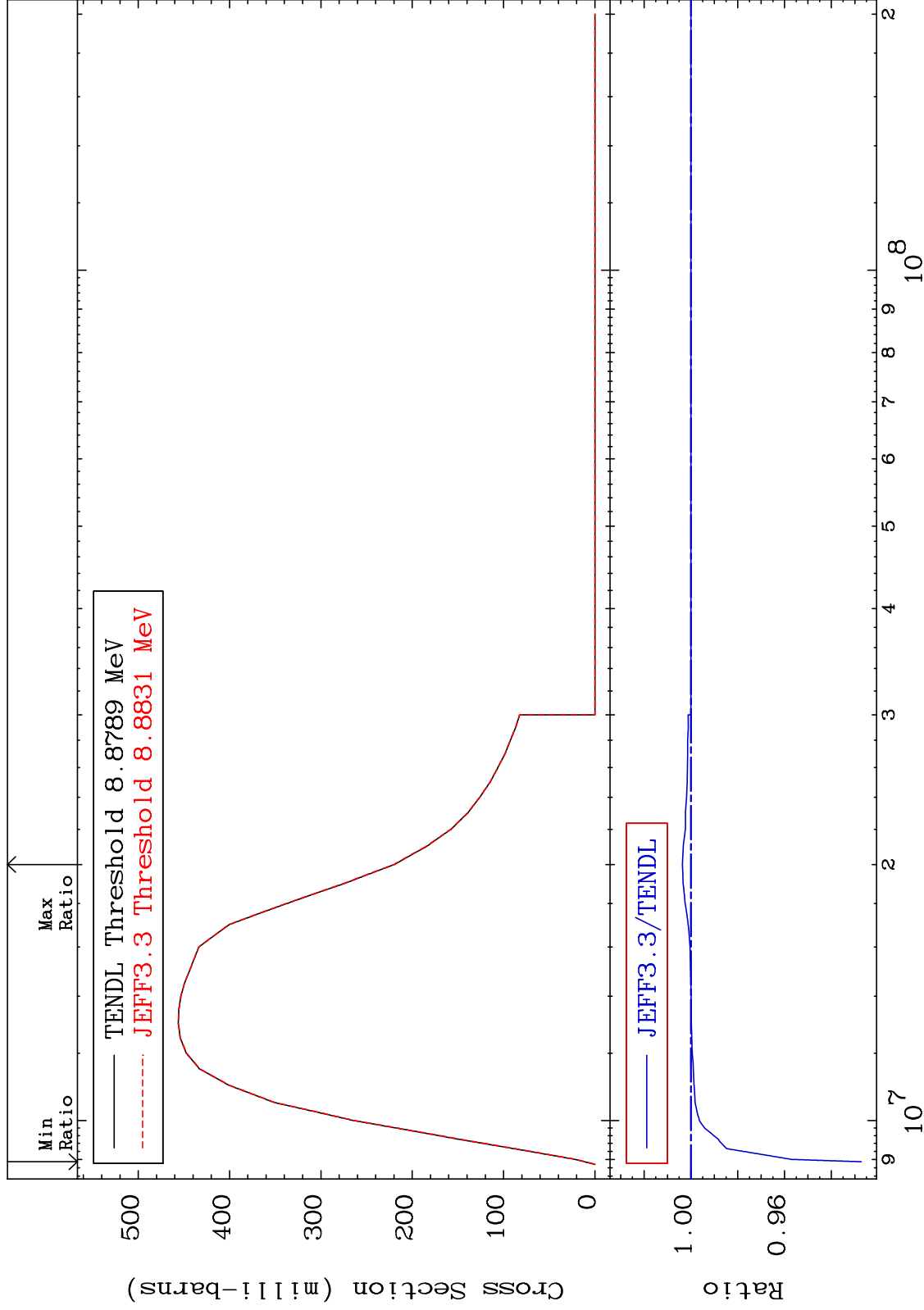
76-0s-184

MAT 7625

(n,2n):76-0s-183m2

76-0s-184

Radionuclide Production Cross Section -7.277 To 0.361 %

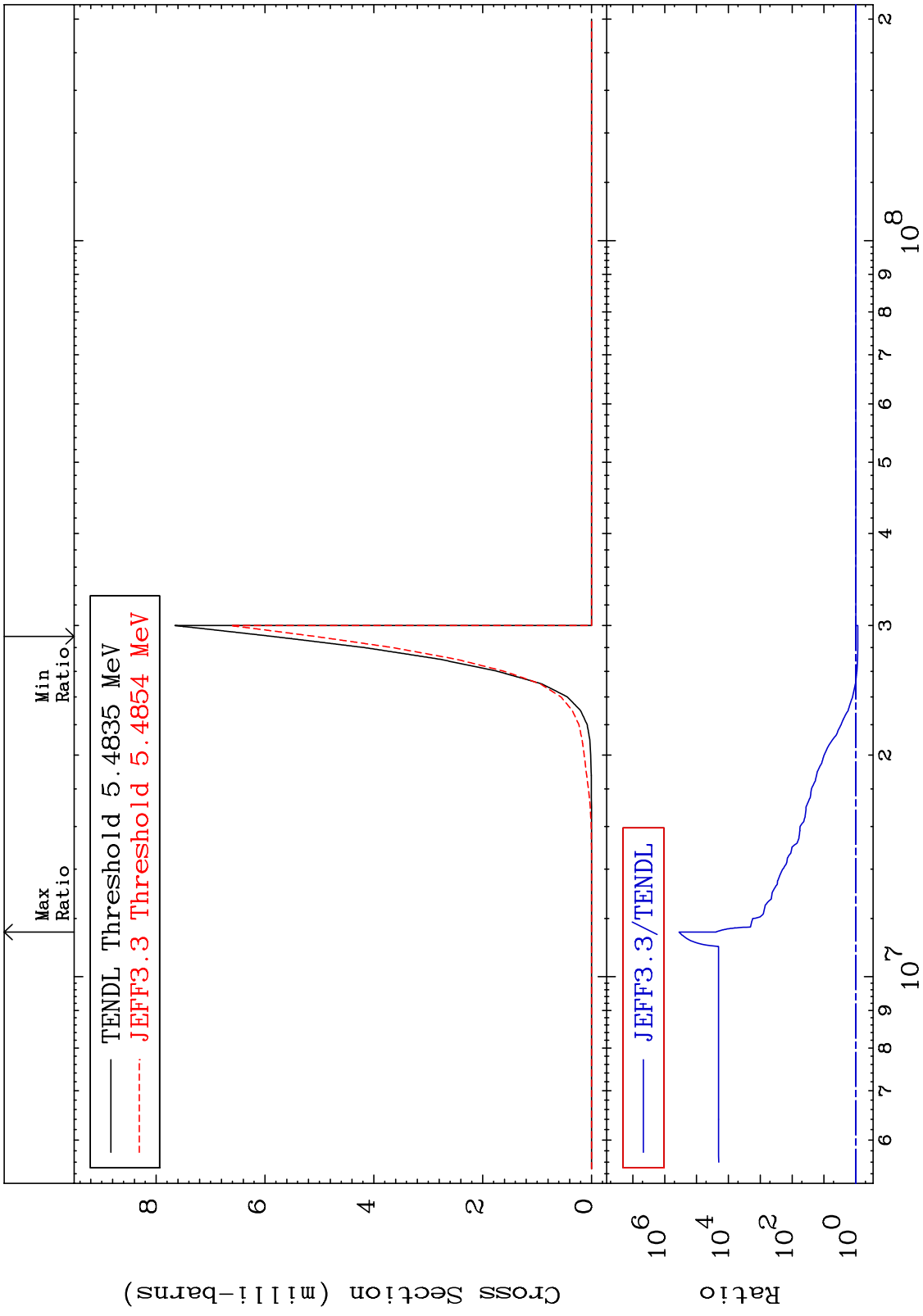


81

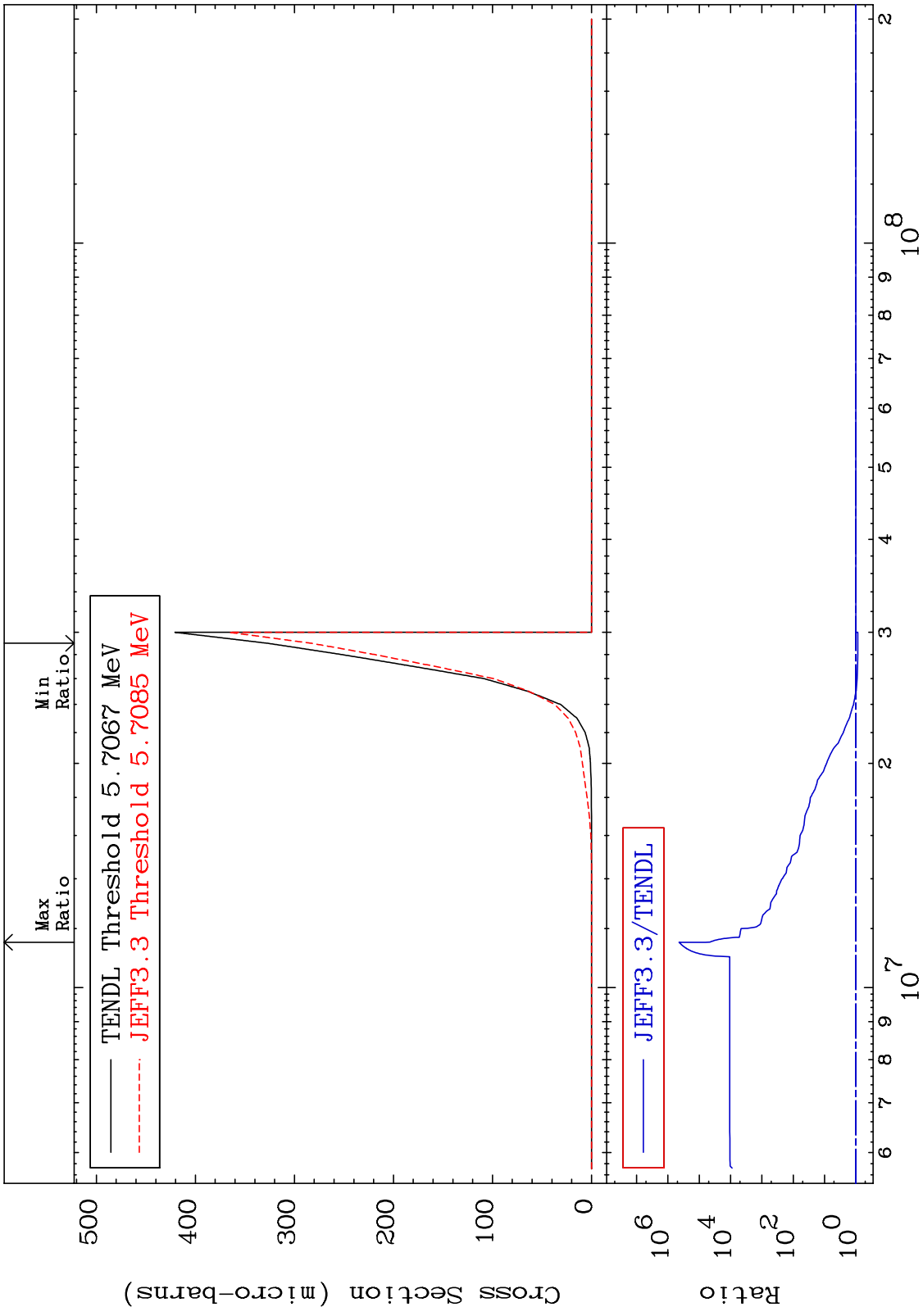
Incident Energy (eV)

76-0s-184

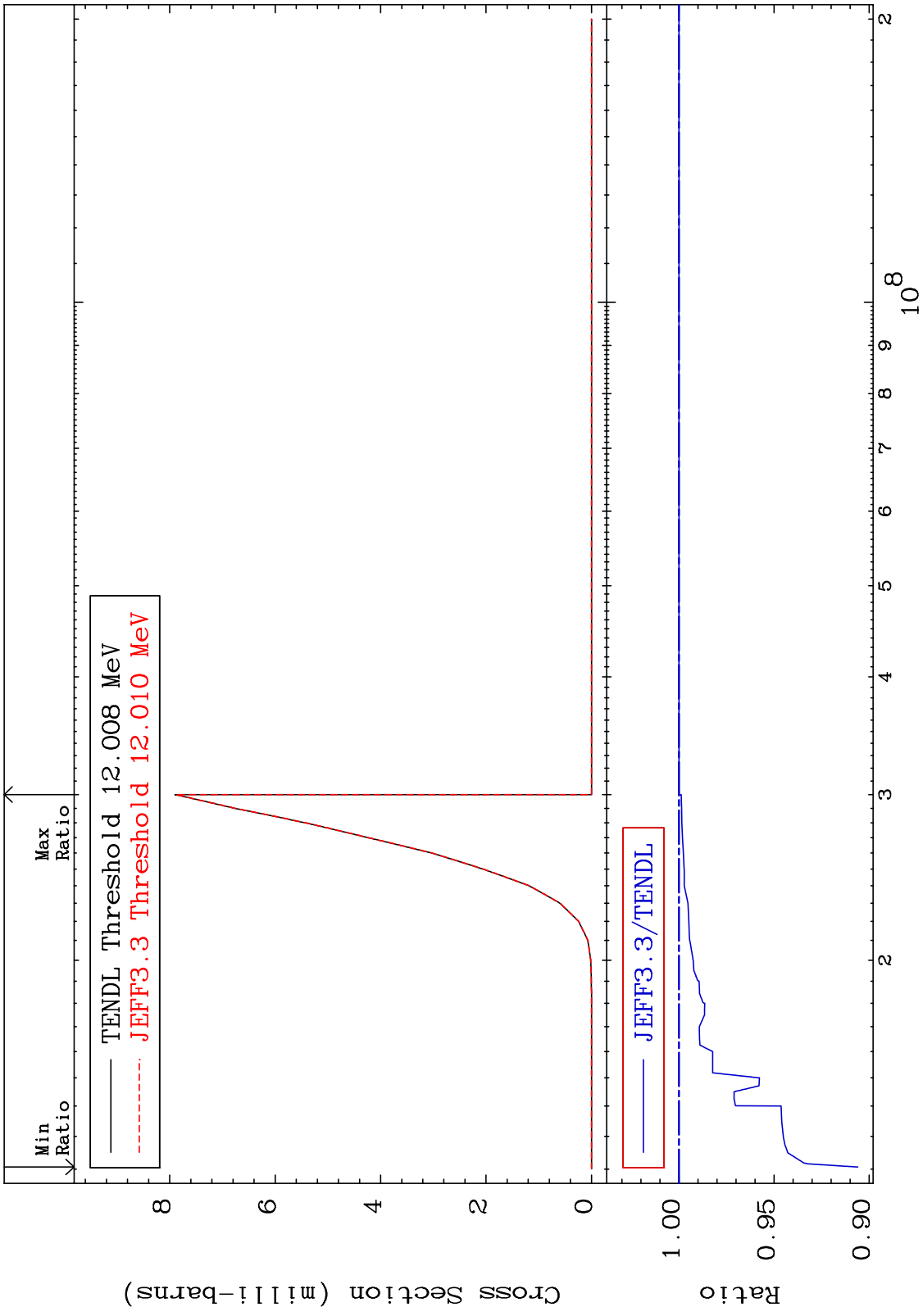
MAT 7625 (n,2n) α :74-W -179g 76-Os-184
 Radionuclide Production Cross Section -13.32 To 9999. %



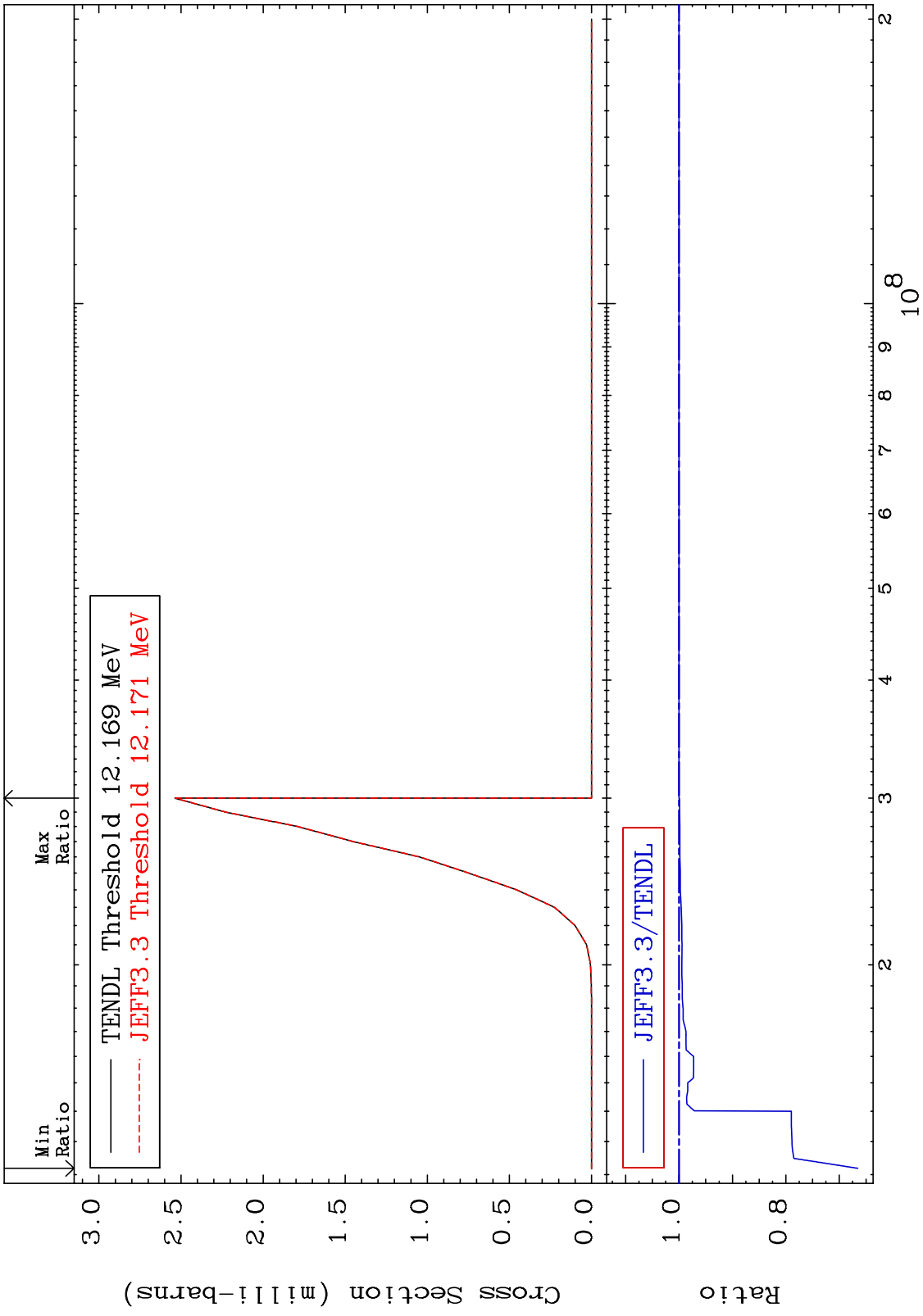
MAT 7625 (n,2n) α :74-W -179m2 76-0s-184
 Radionuclide Production Cross Section -13.49 To 9999. %



MAT 7625 (n, n') d: 75-Re-182g 76-Os-184
 Radionuclide Production Cross Section -9.403 To 0.000 %

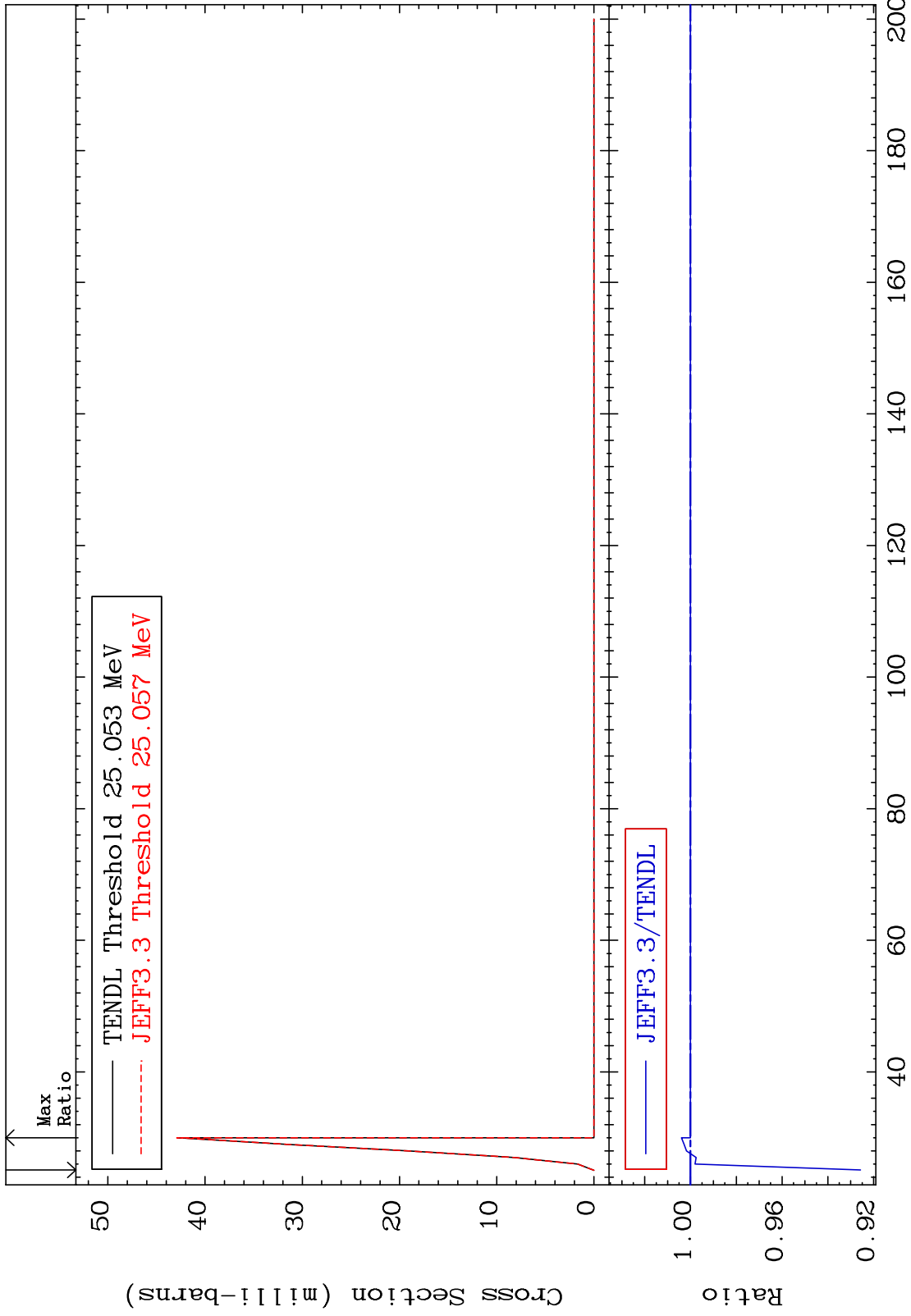


MAT 7625 (n,n') d:75-Re-182m2 76-0s-184
 Radionuclide Production Cross Section -33.47 To 0.000 %



MAT 7625

(n,4n):76-0s-181g 76-0s-184
Radionuclide Production Cross Section -7.429 To 0.393 %

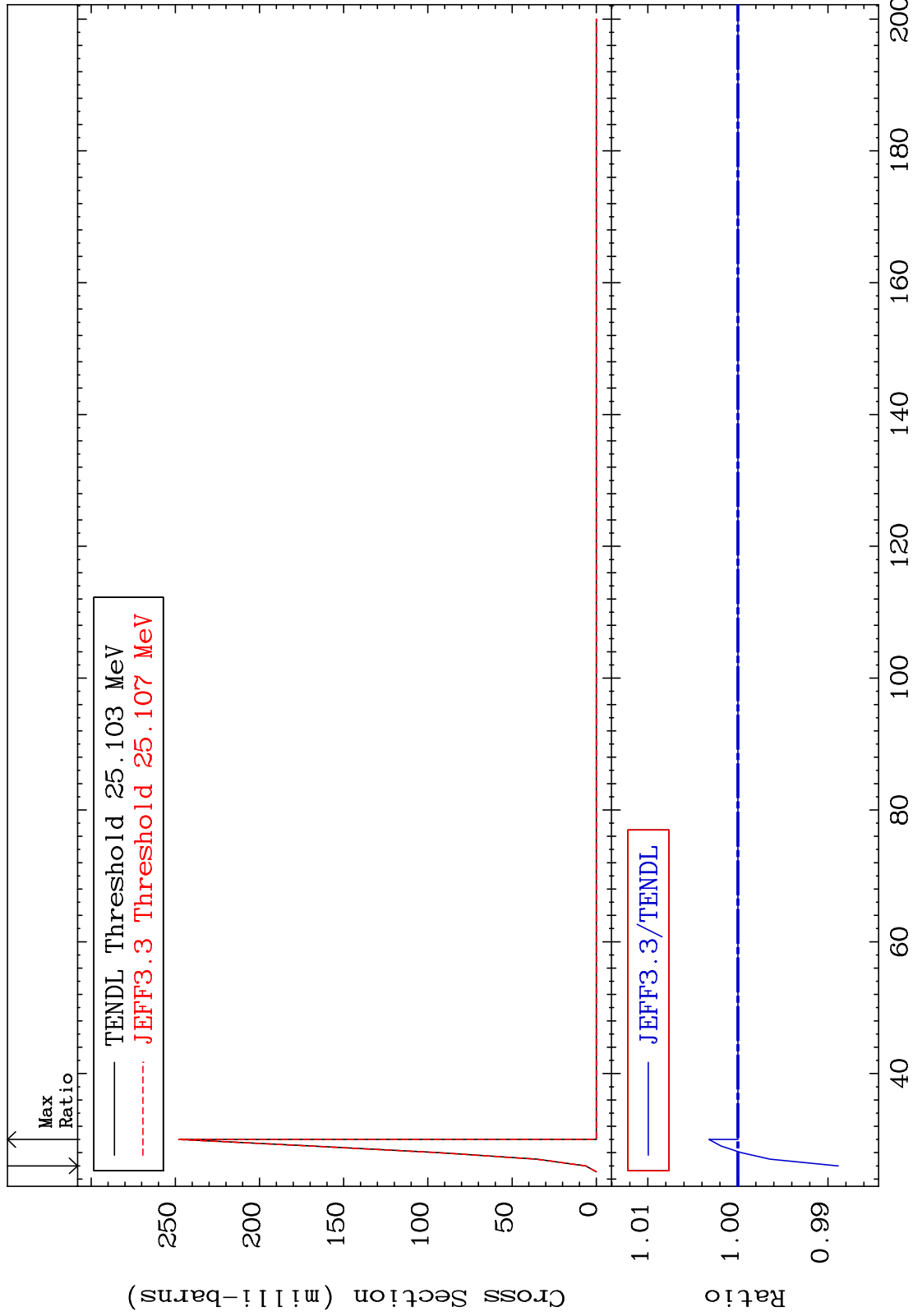


MAT 7625

(n,4n):76-0s-181m1

76-0s-184

Radionuclide Production Cross Section -1.117 To 0.321 %

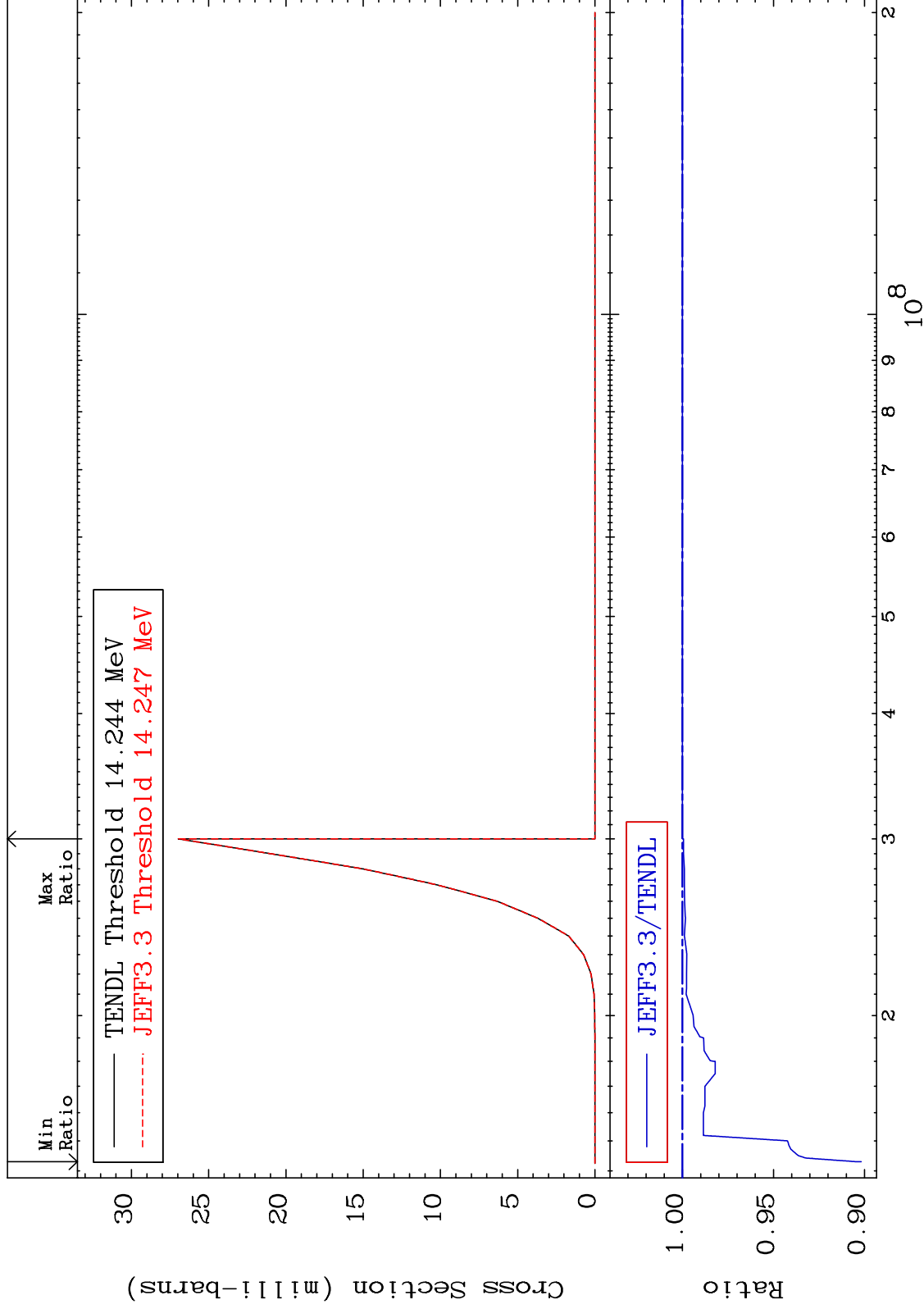


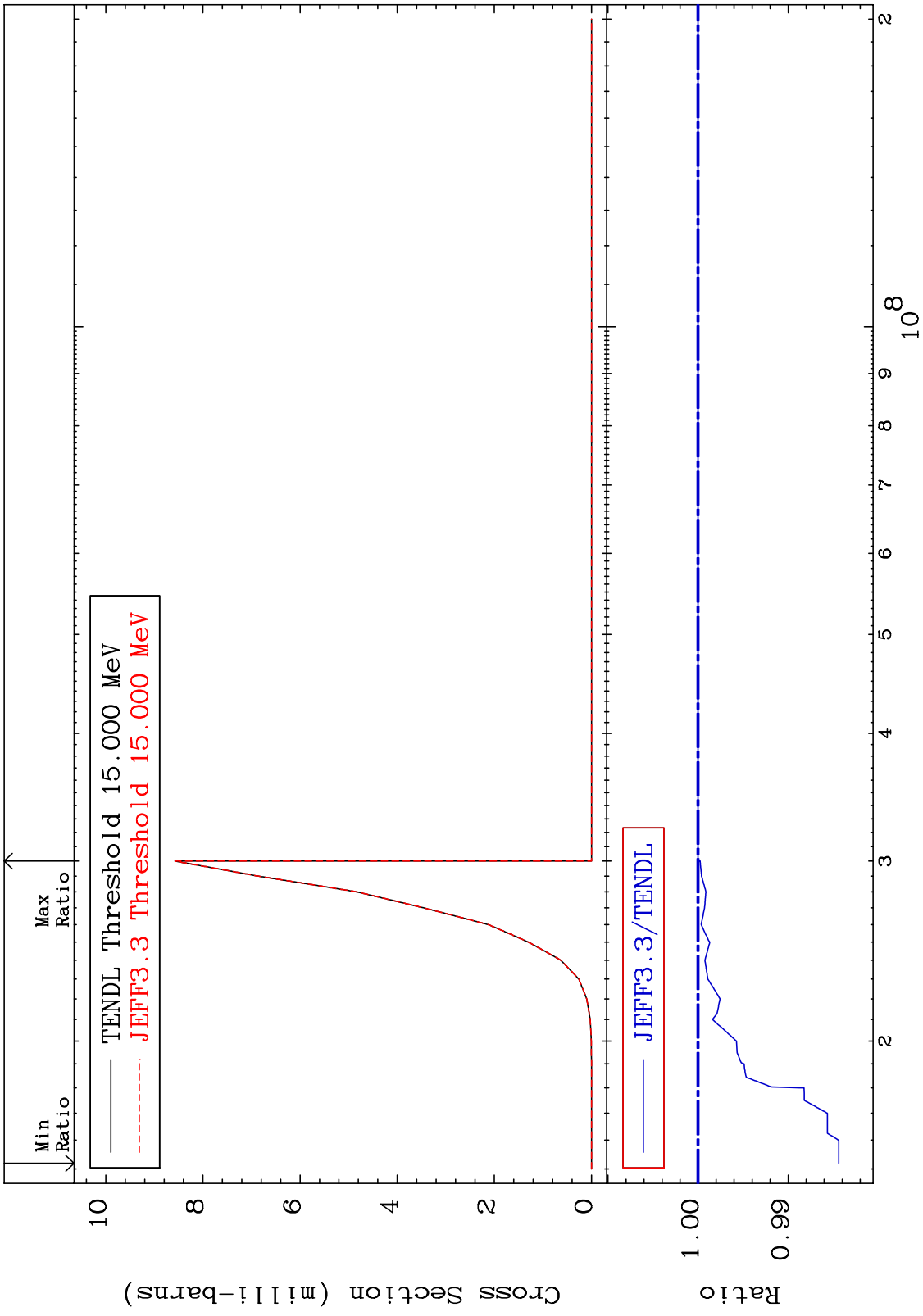
MAT 7625

(n,2n) p:75-Re-182g

76-0s-184

Radionuclide Production Cross Section -9.825 To 0.000 %

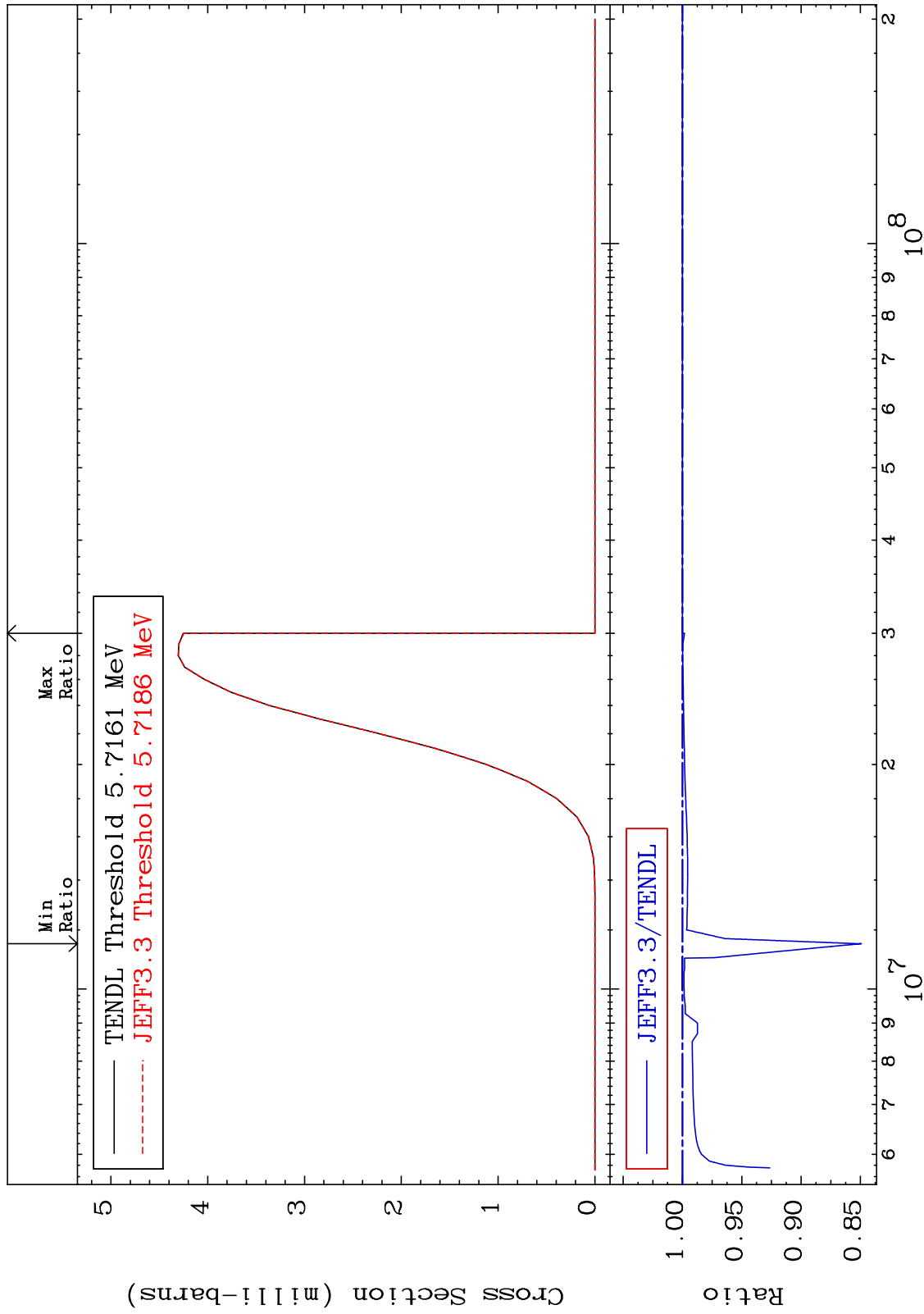




MAT 7625

(n, t) : 75-Re-182g 76-0s-184

Radionuclide Production Cross Section -15.07 To 0.000 %

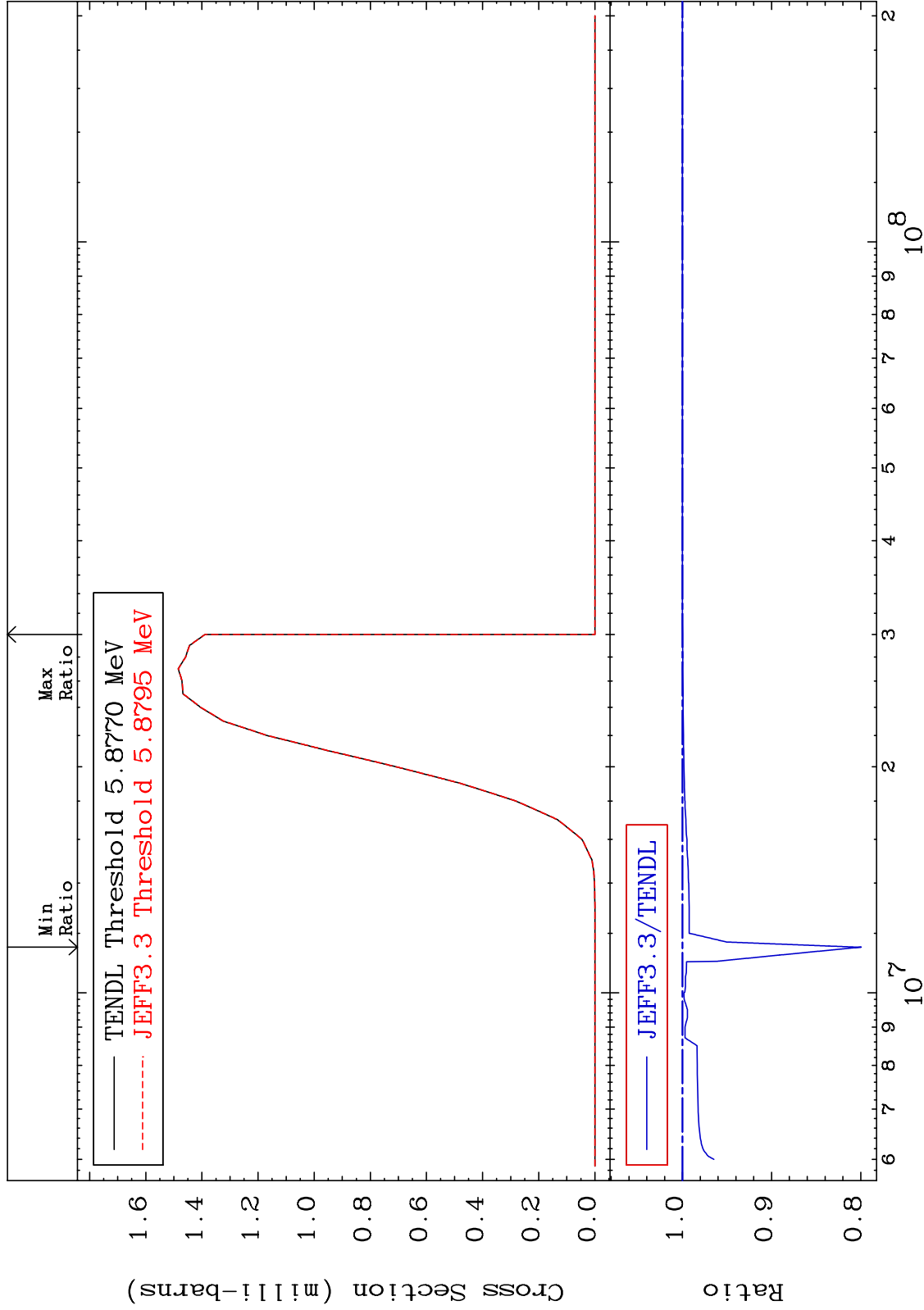


MAT 7625

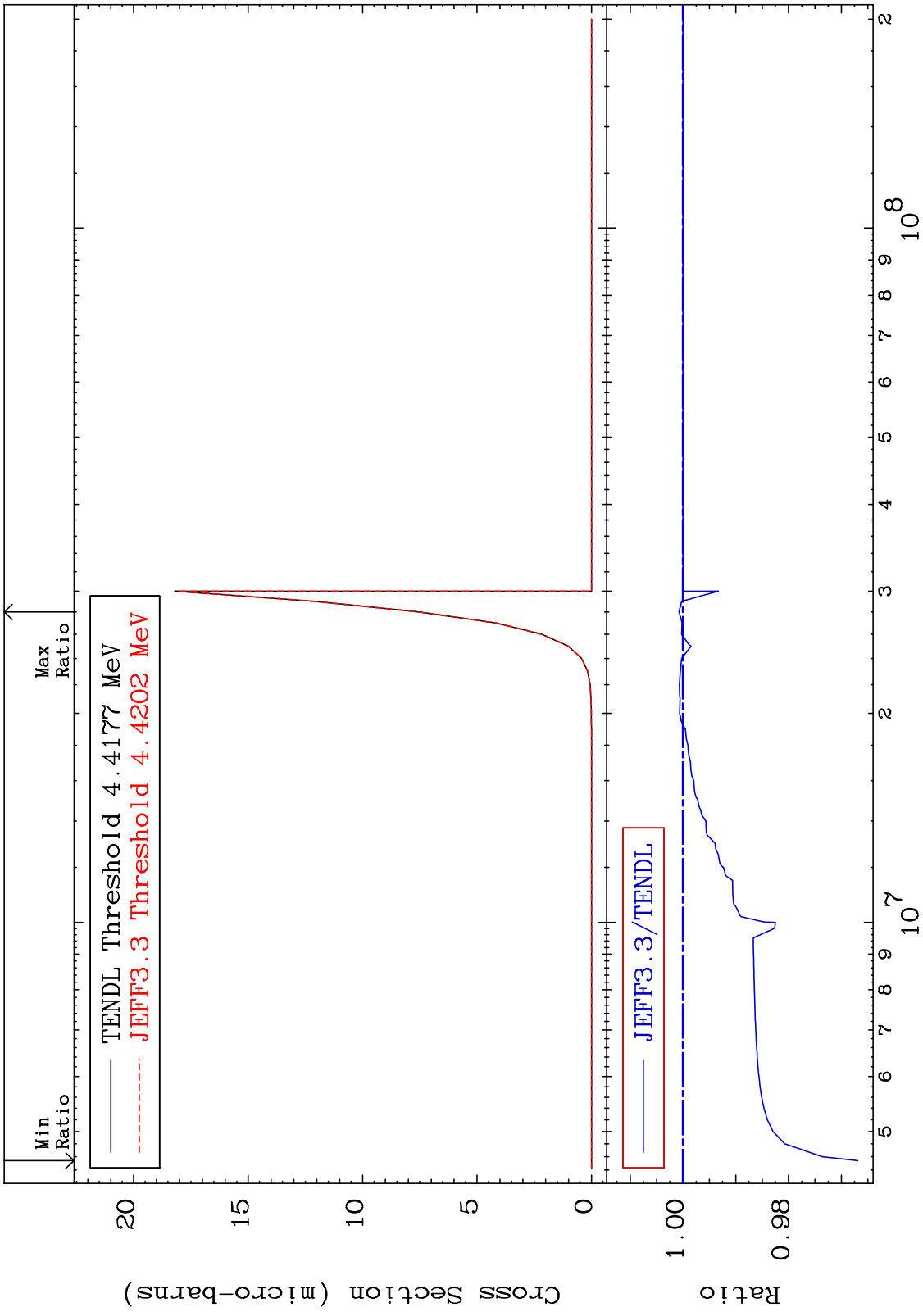
(n, t) : 75-Re-182m2

76-0s-184

Radionuclide Production Cross Section -20.06 To 0.000 %



MAT 7625 (n,2p):74-W -183g 76-0s-184
 Radionuclide Production Cross Section -3.311 To 0.075 %

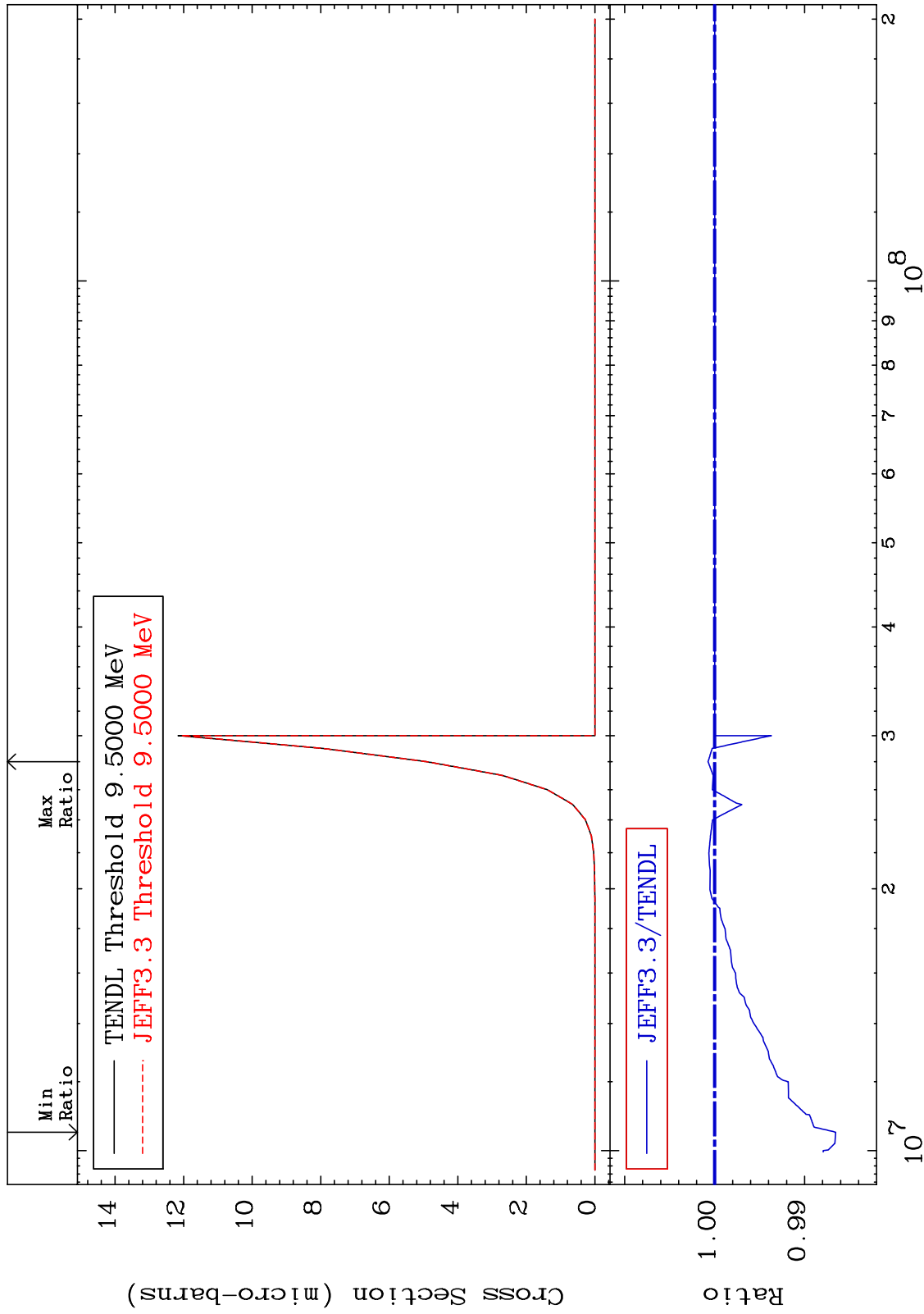


MAT 7625

(n,2p):74-W -183m7

76-0s-184

Radionuclide Production Cross Section -1.346 To 0.074 %



93

Incident Energy (eV)

76-0s-184