

Program Complot
(Version 2021-1)

by

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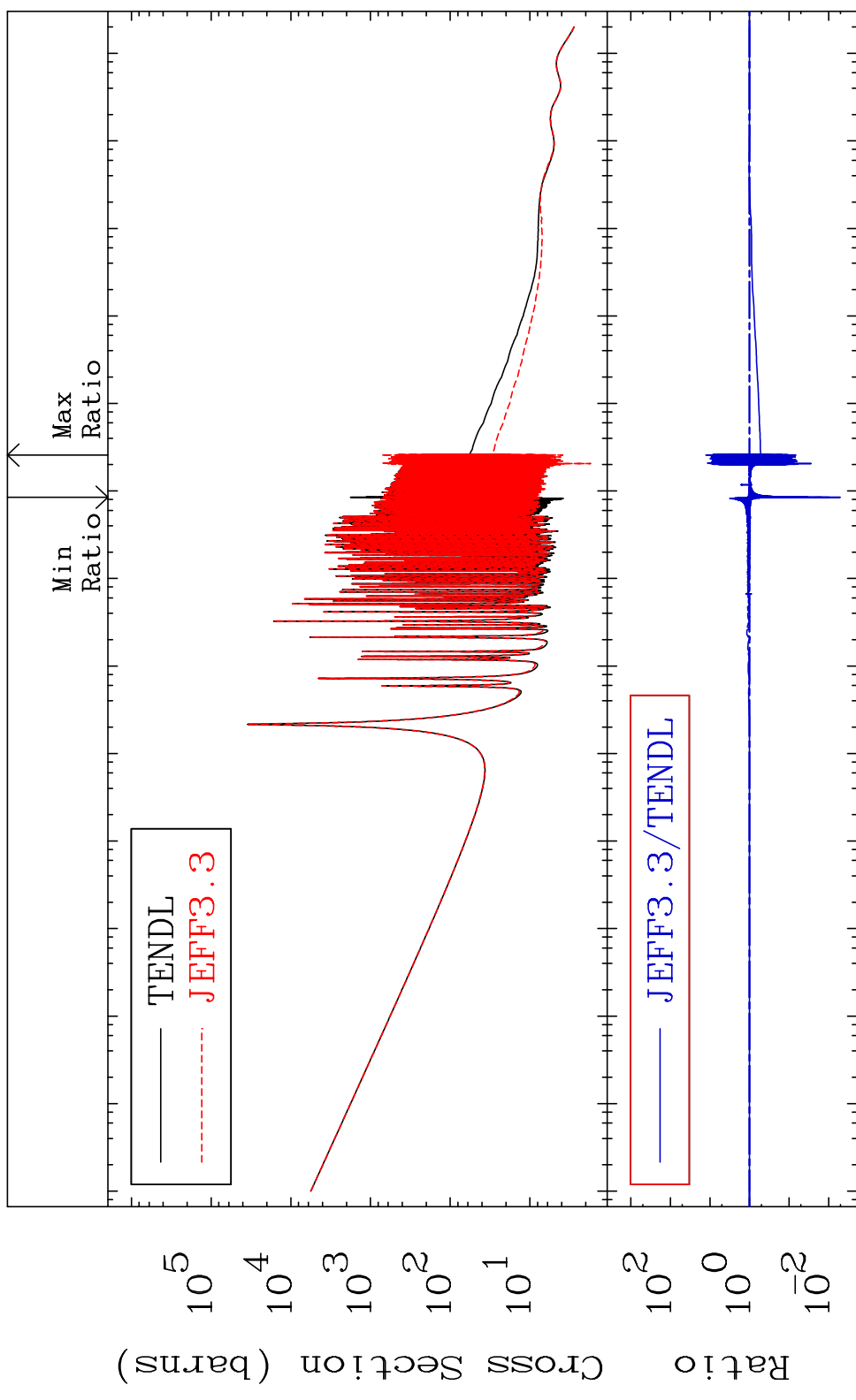
Press Mouse Button to Start

MAT 7525

Total

75-Re-185

Cross Section -99.50 To 1175. %



1

Incident Energy (eV)

75-Re-185

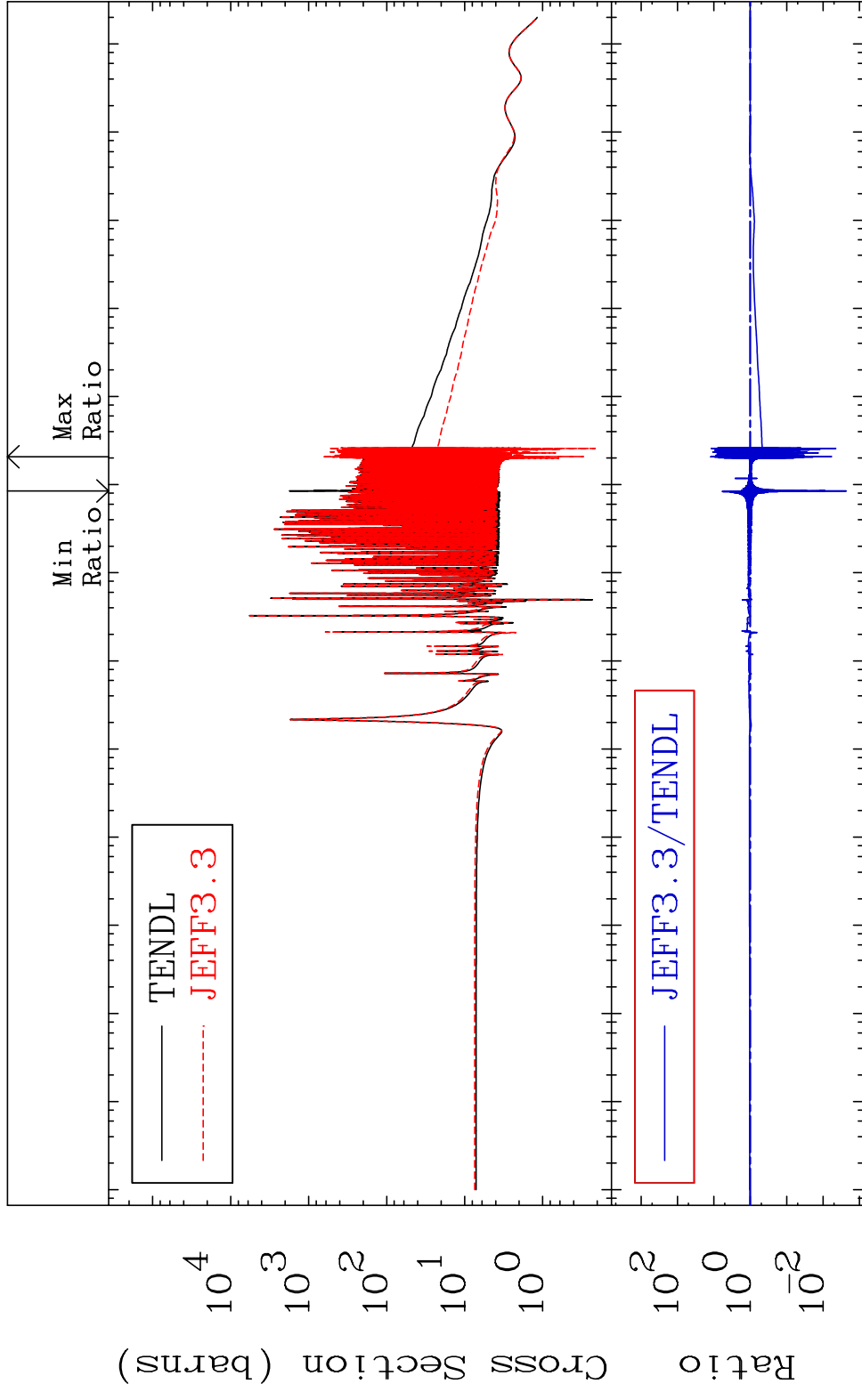
MAT 7525

Elastic

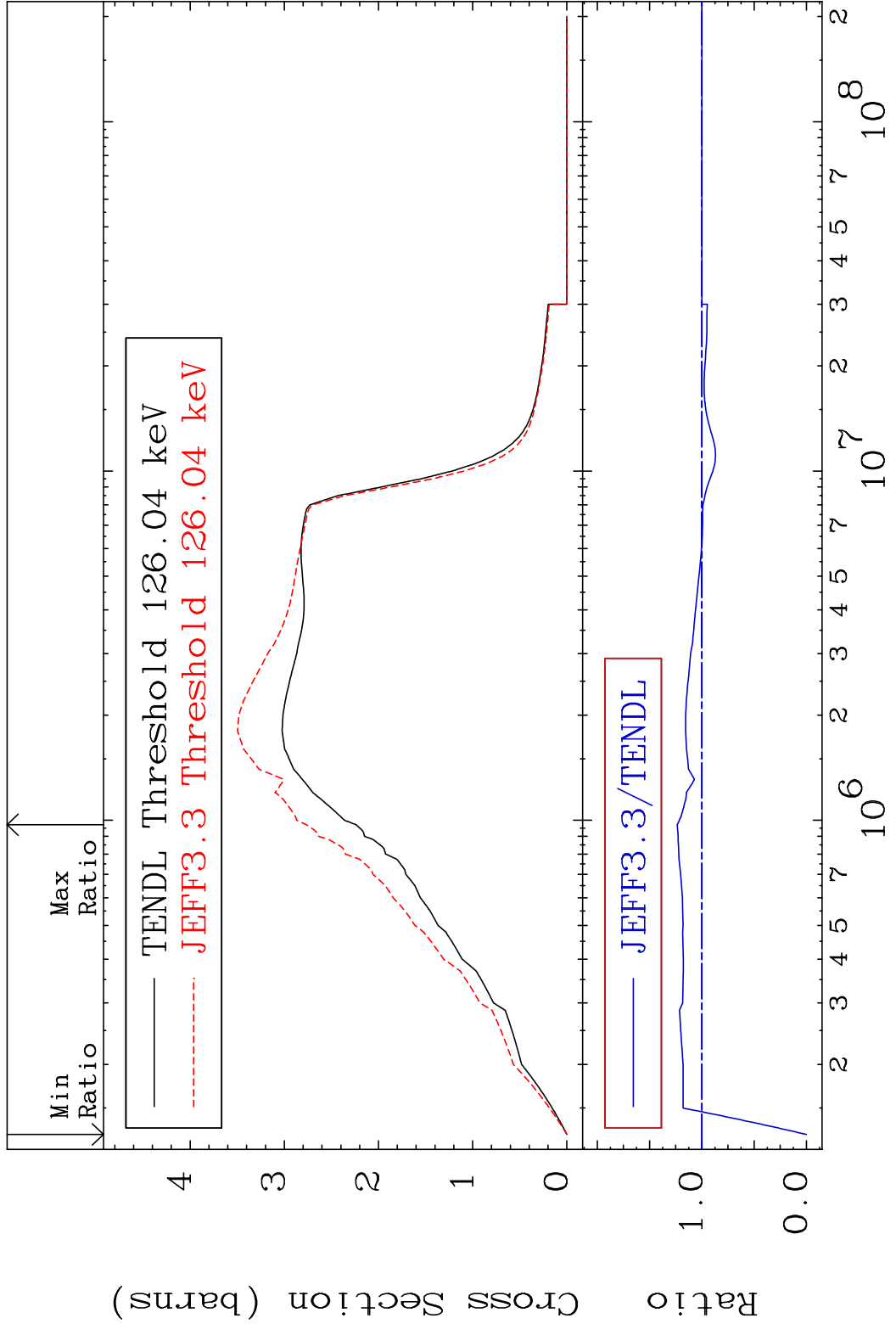
75-Re-185

Cross Section

-99.77 To 1125. %



MAT 7525 Inelastic 75-Re-185
 Cross Section -100.0 To 23.59 %

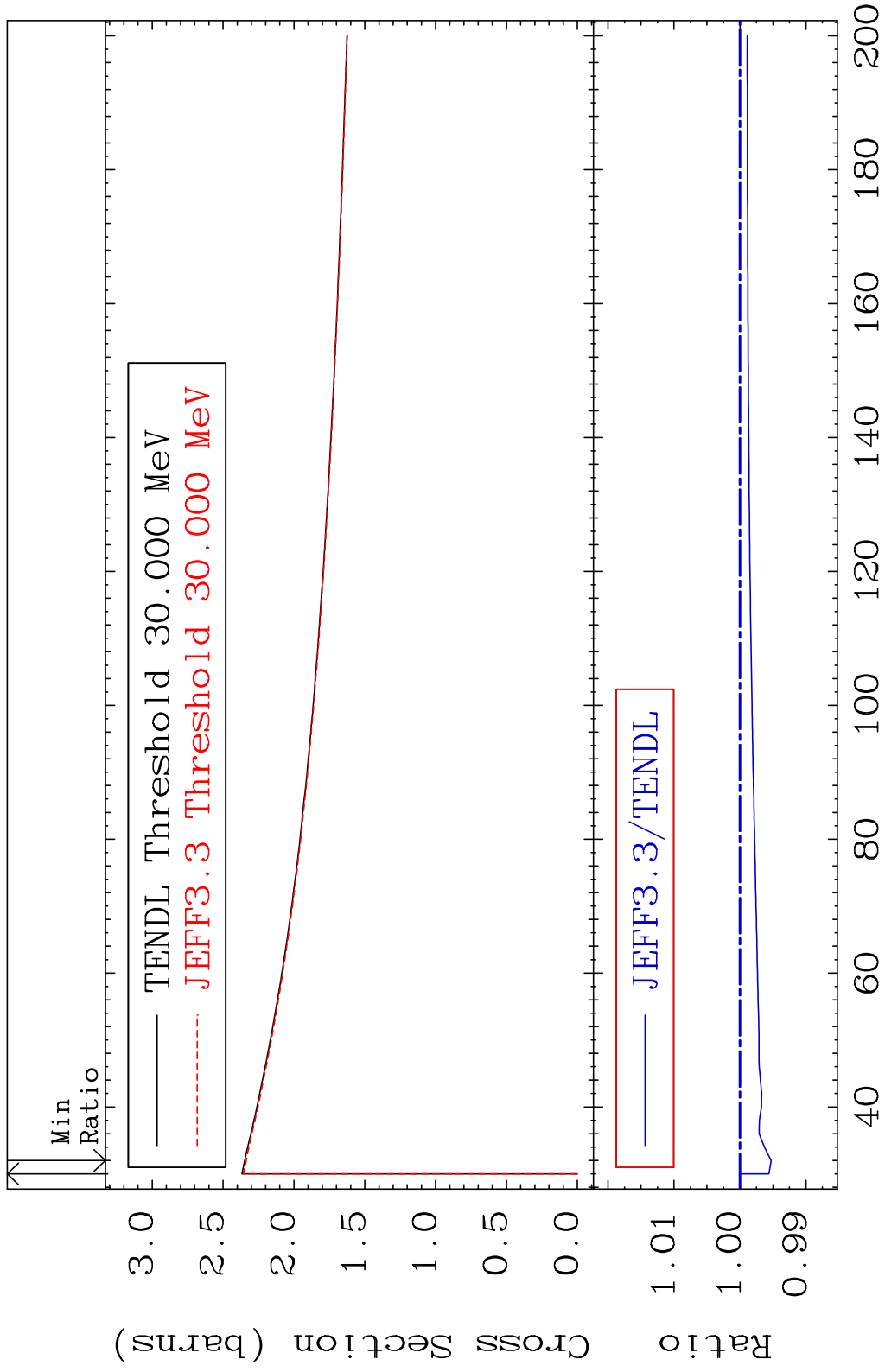


MAT 7525

(n, remainder)

75-Re-185

Cross Section -0.474 To 0.000 %

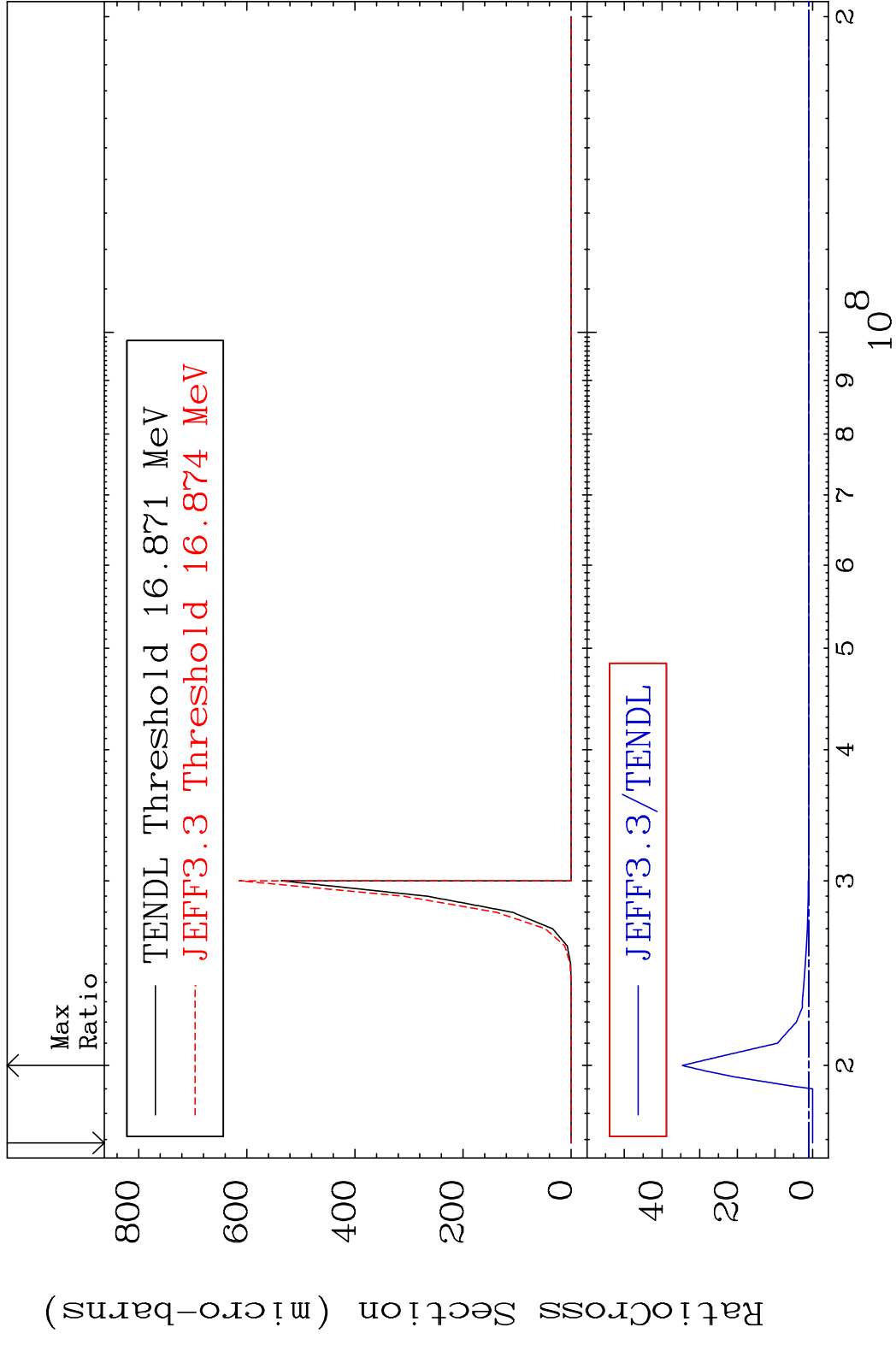


4

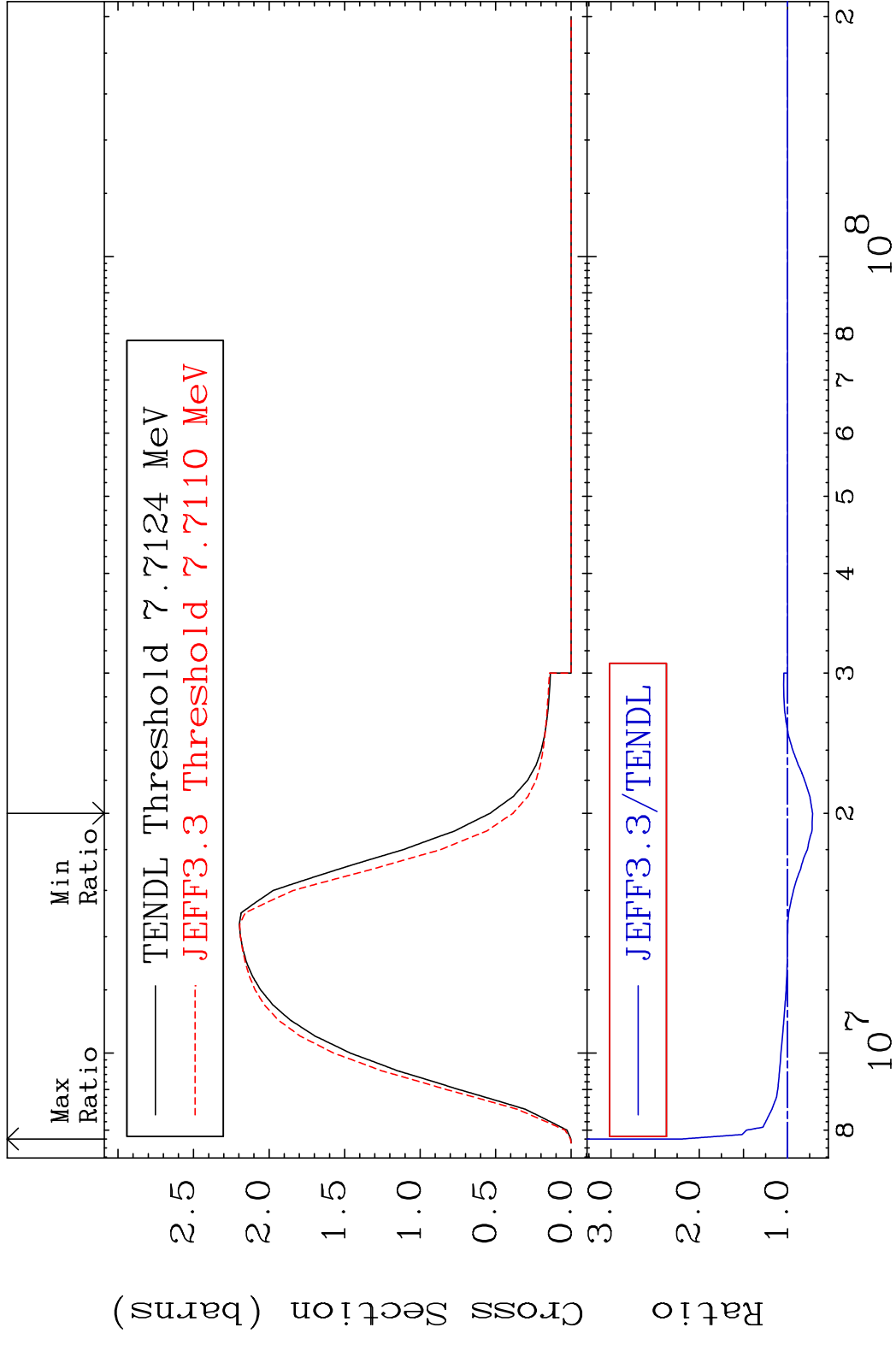
Incident Energy (MeV)

75-Re-185

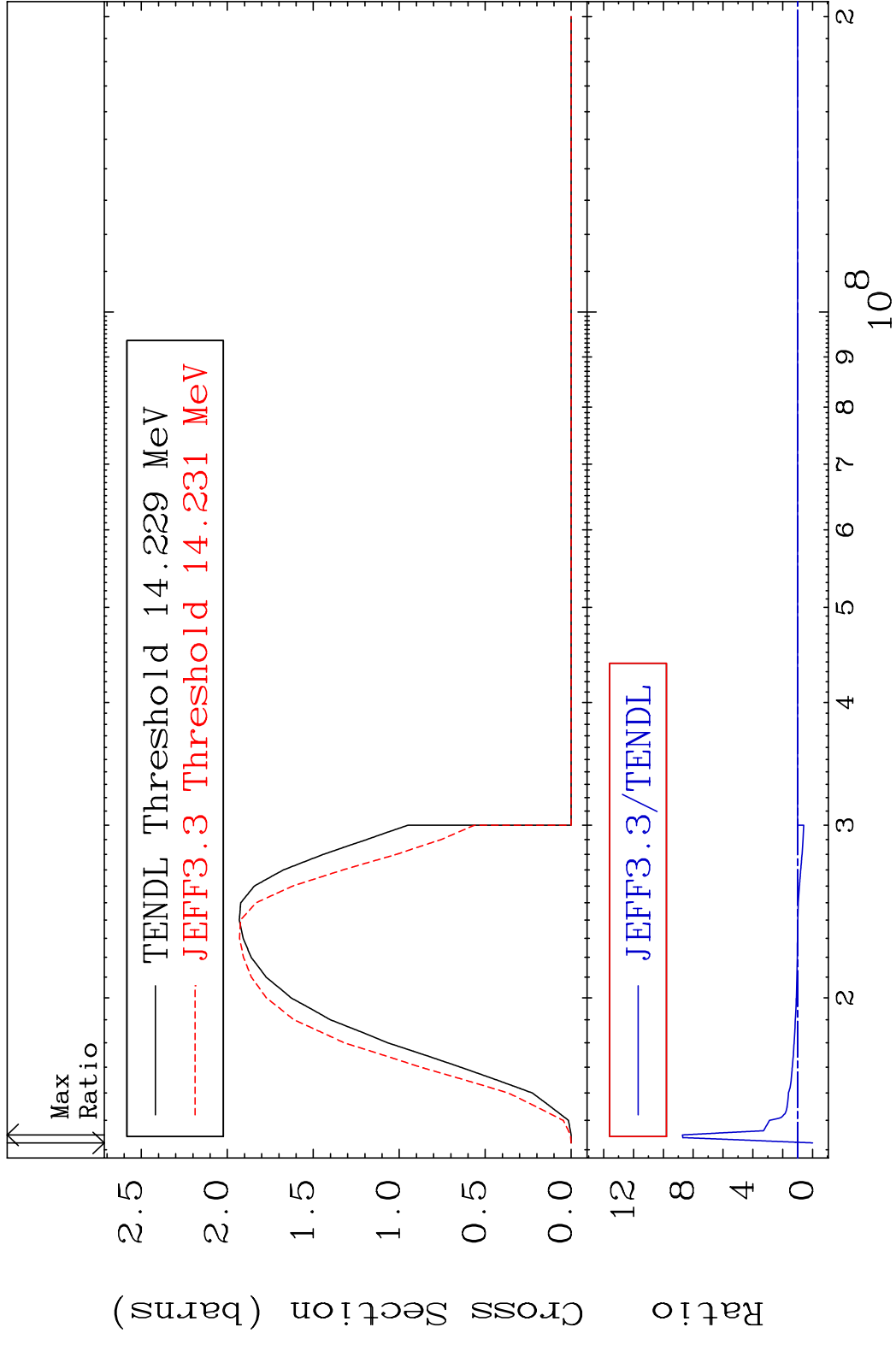
MAT 7525 (n,2n) d 75-Re-185
 Cross Section -100.0 To 3359. %



MAT 7525 (n,2n) 75-Re-185
 Cross Section -28.23 To 119.2 %



MAT 7525 (n,3n) 75-Re-185
 Cross Section -100.0 To 772.7 %

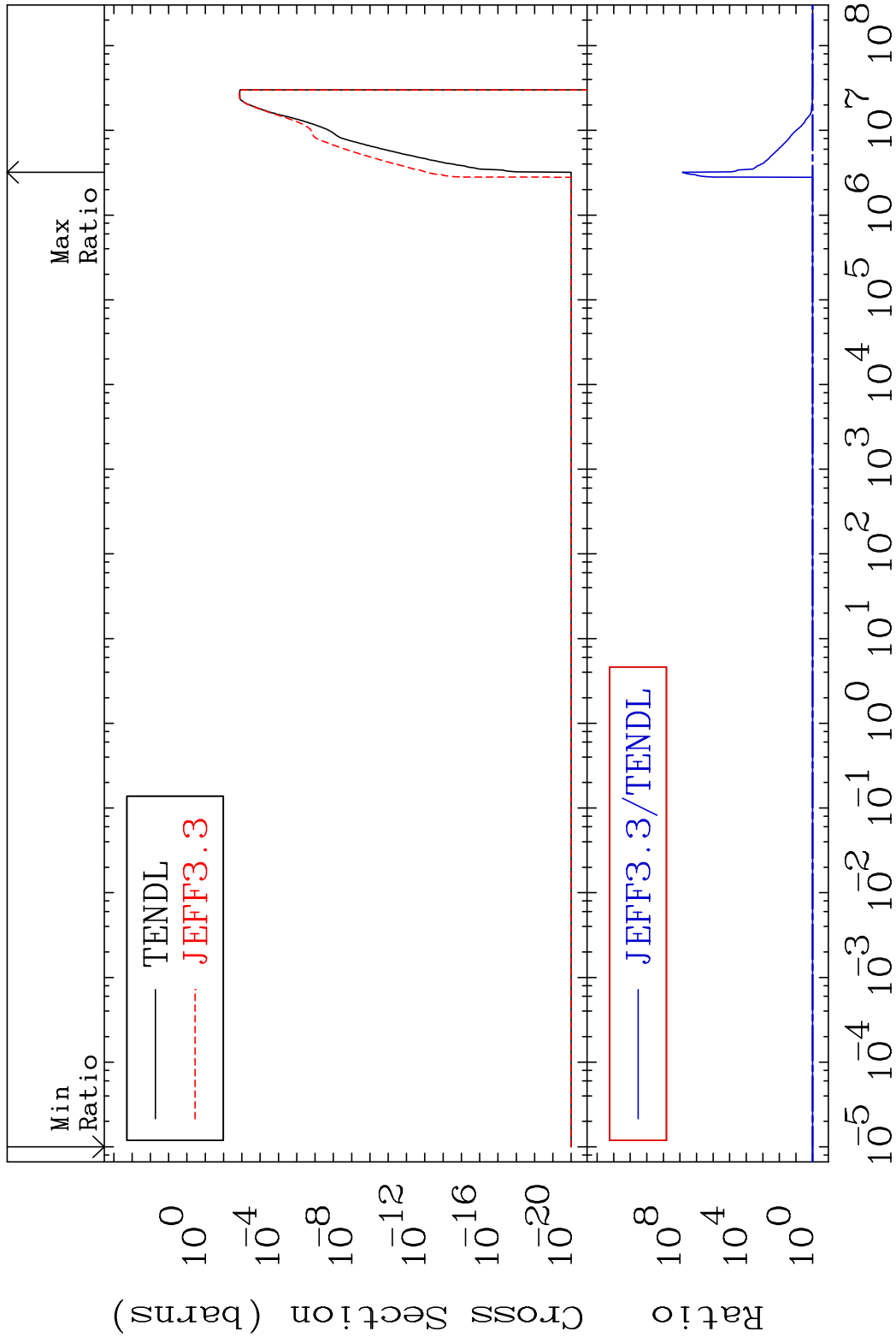


MAT 7525

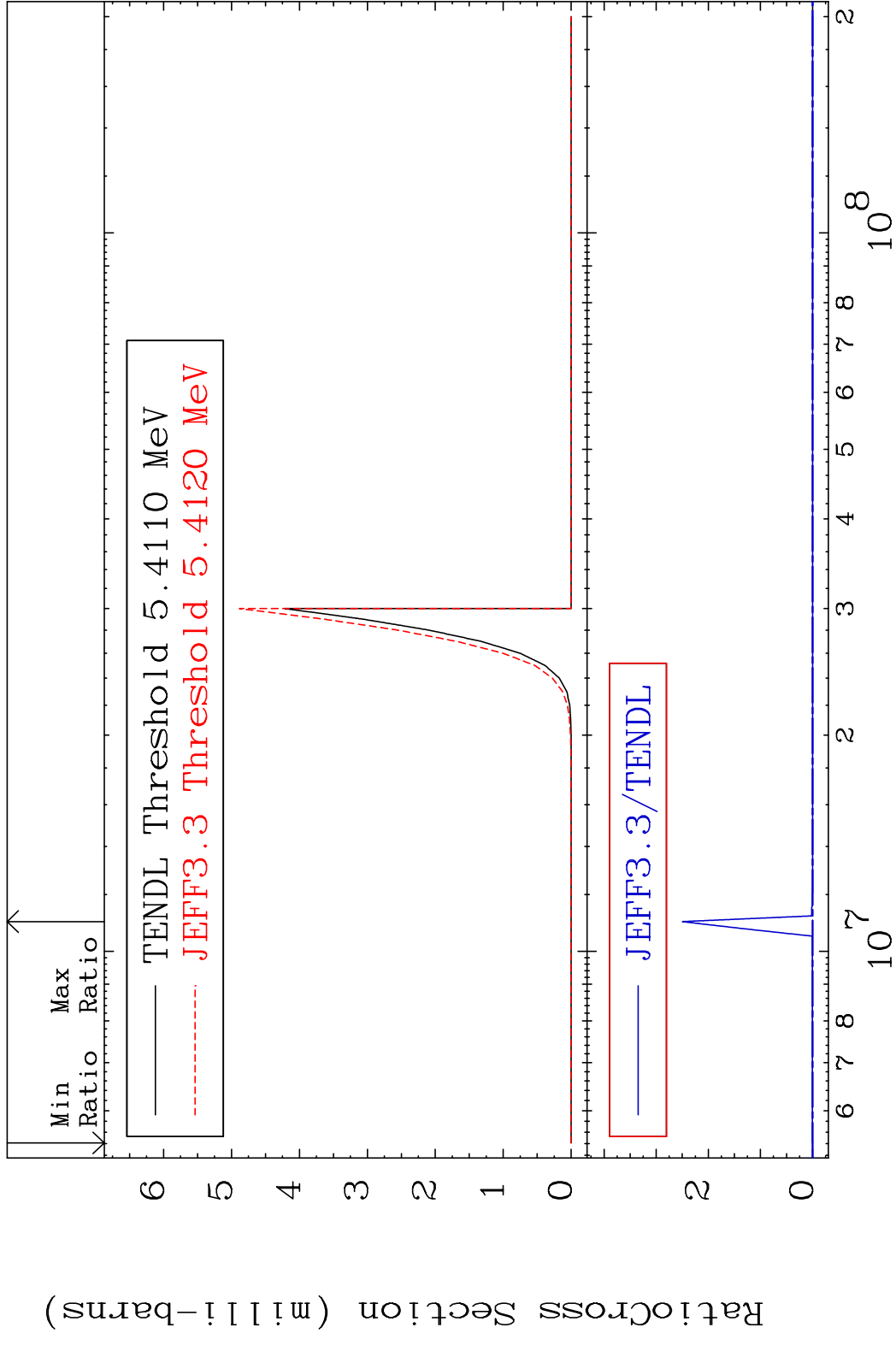
(n, n') α

75-Re-185

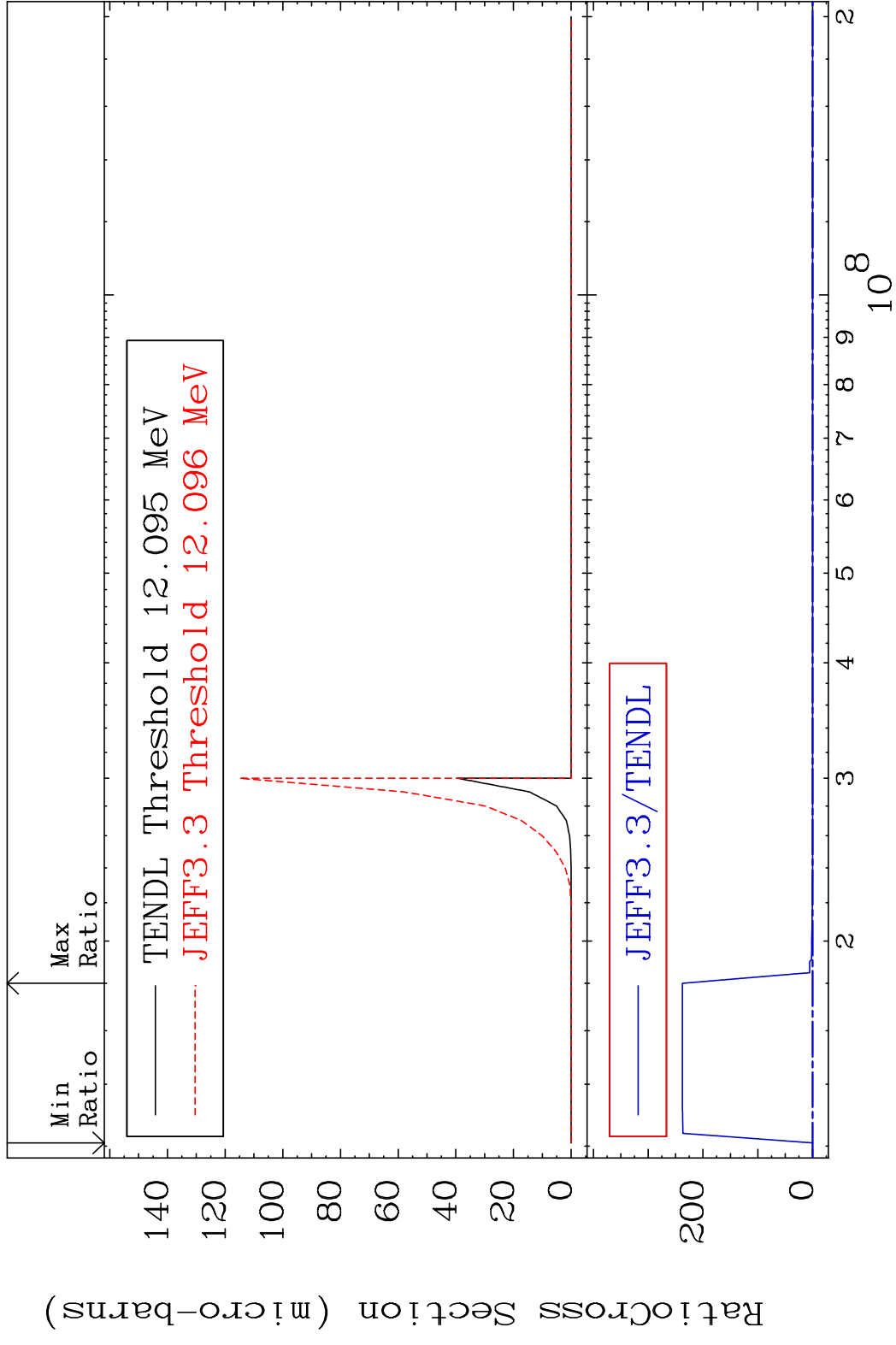
Cross Section 0.000 To 9999. %



MAT 7525 (n,2n) α 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 (n,3n) α 75-Re-185
 Cross Section -100.0 To 9999. %



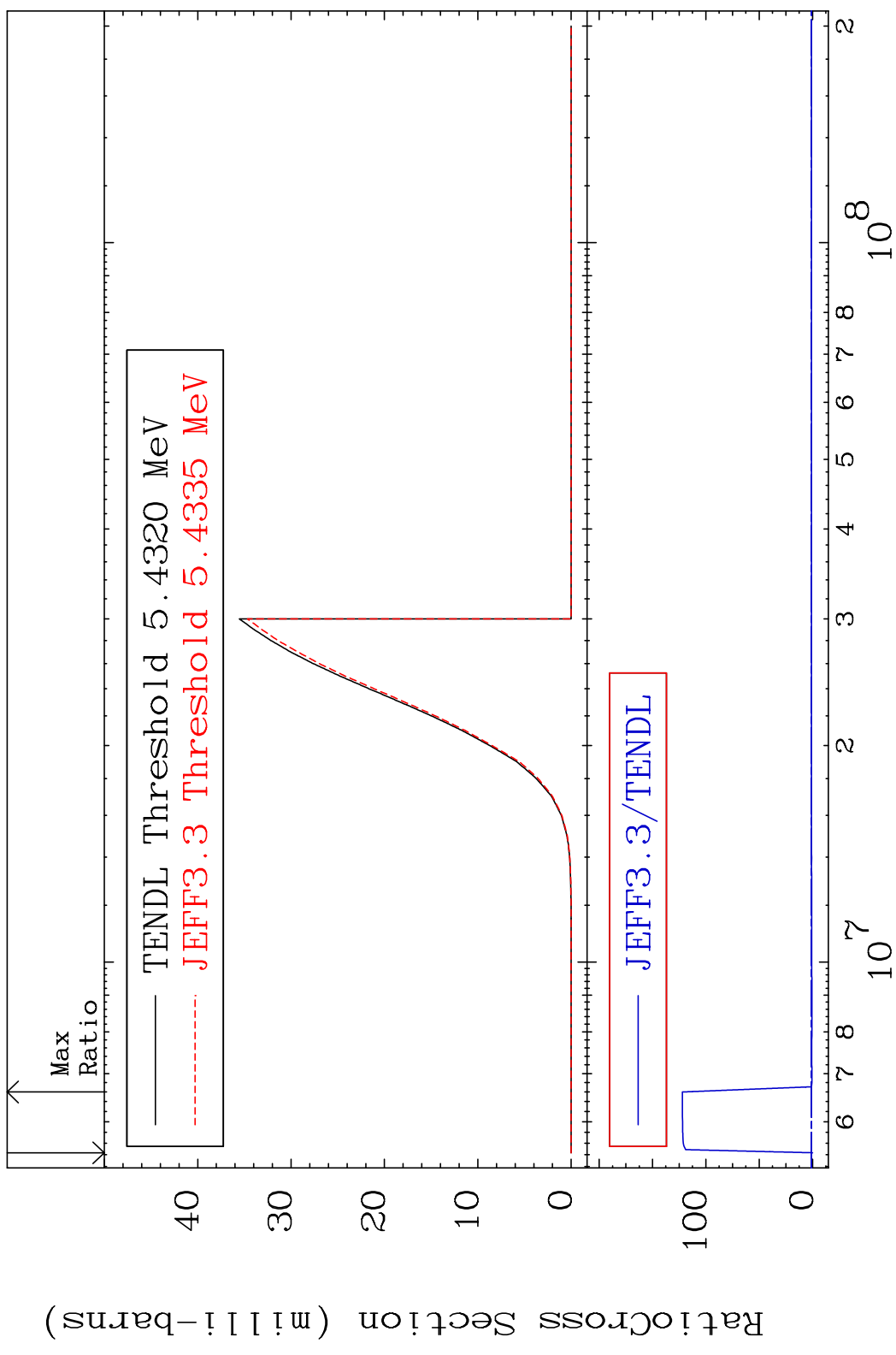
10 Incident Energy (eV) 75-Re-185

MAT 7525

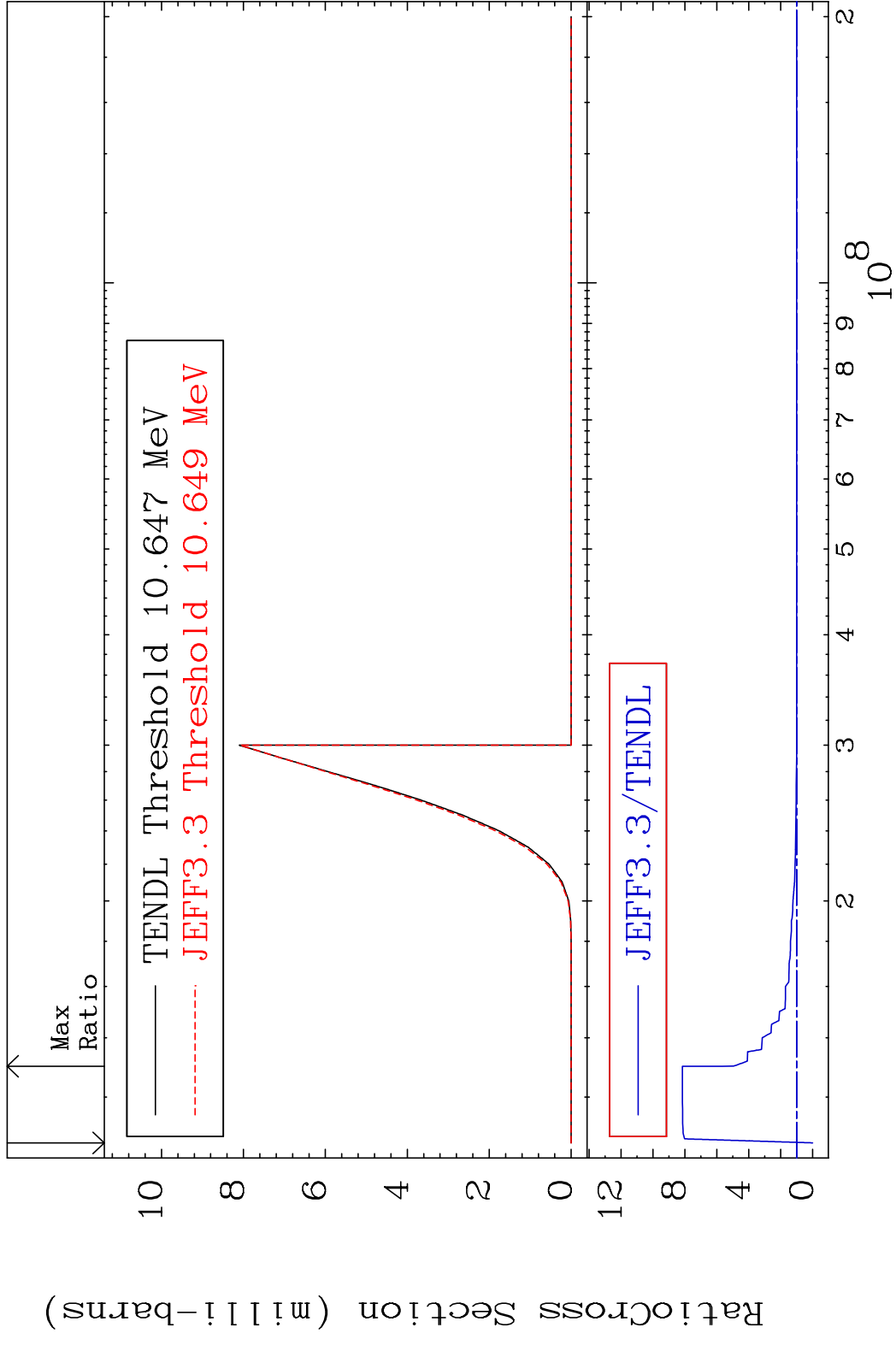
(n, n') p

75-Re-185

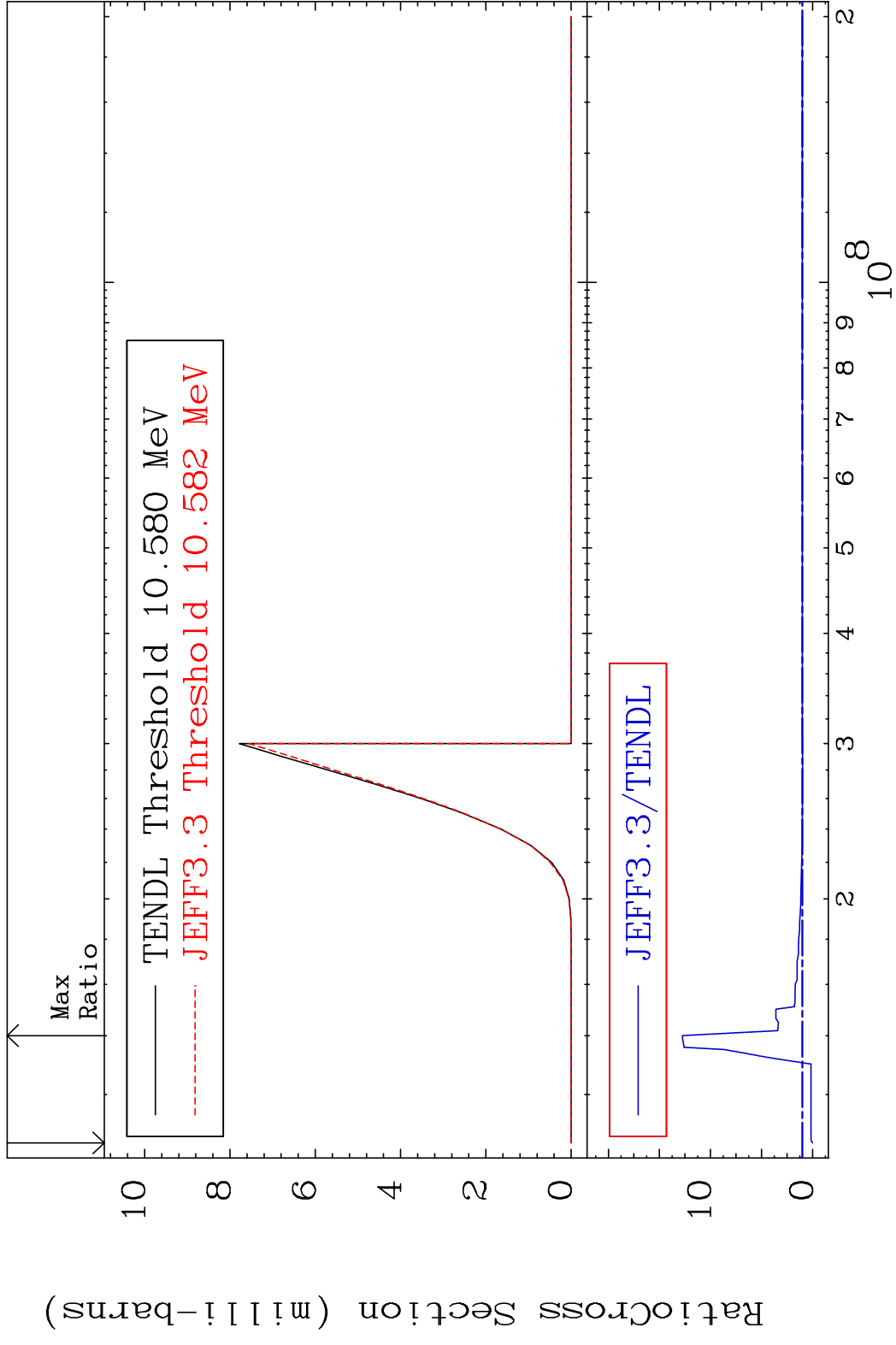
Cross Section -100.0 To 9999. %



MAT 7525 (n, n') d 75-Re-185
 Cross Section -100.0 To 715.8 %



MAT 7525 (n, n') t 75-Re-185
 Cross Section -100.0 To 1175. %

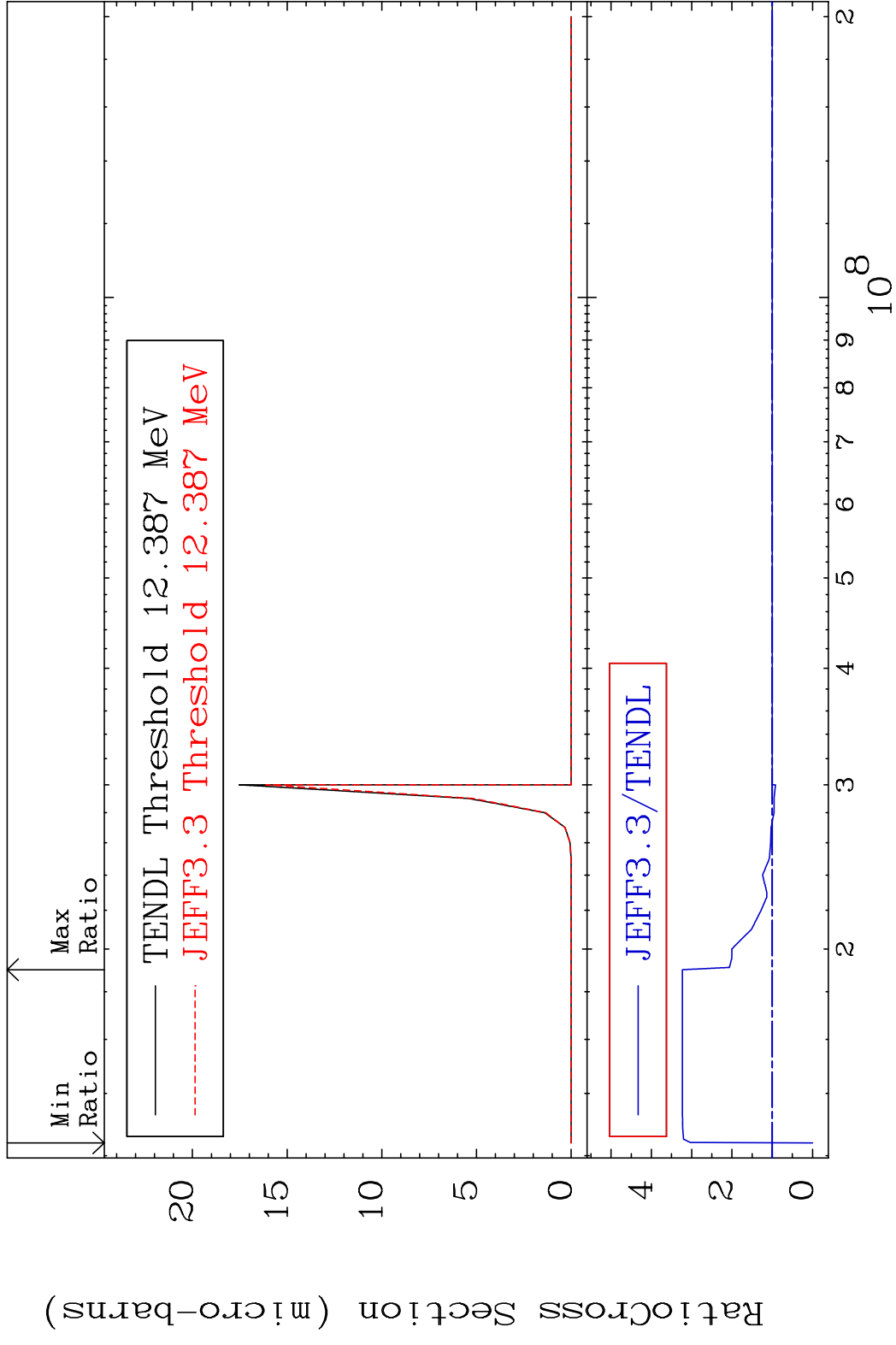


MAT 7525

(n,n') He-3

75-Re-185

Cross Section -100.0 To 223.2 %

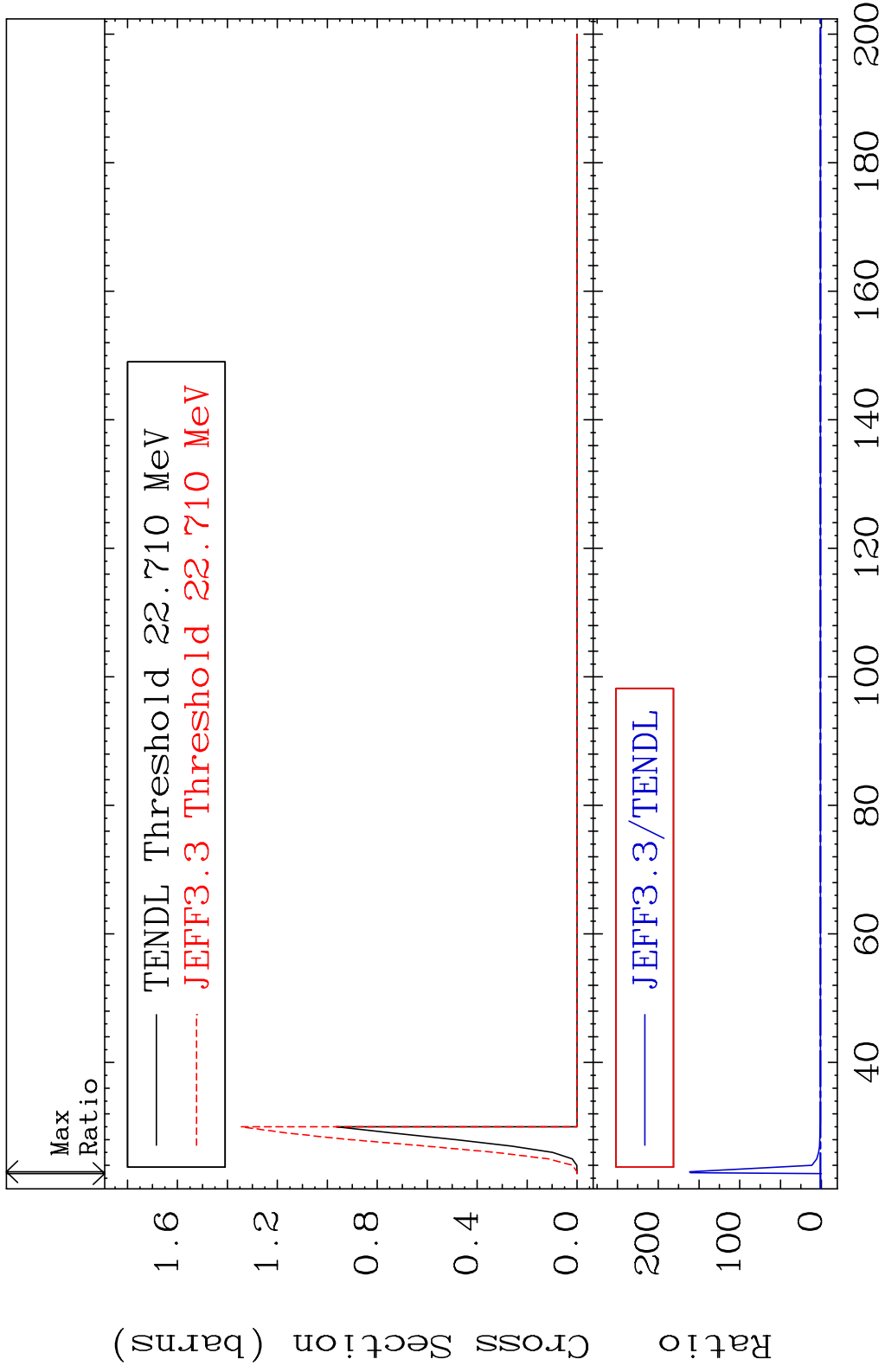


MAT 7525

(n,4n)

75-Re-185

Cross Section -100.0 To 9999. %

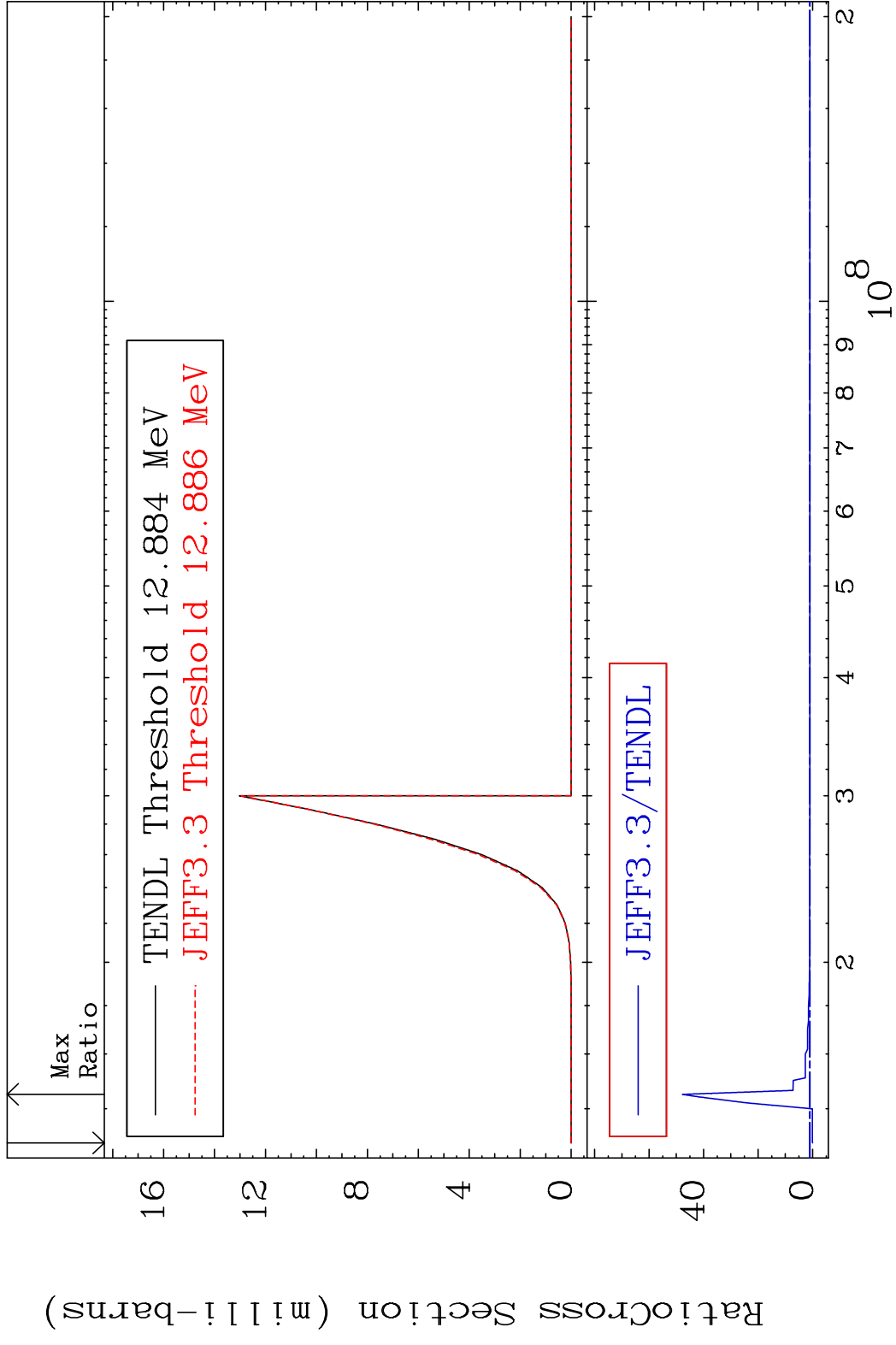


15

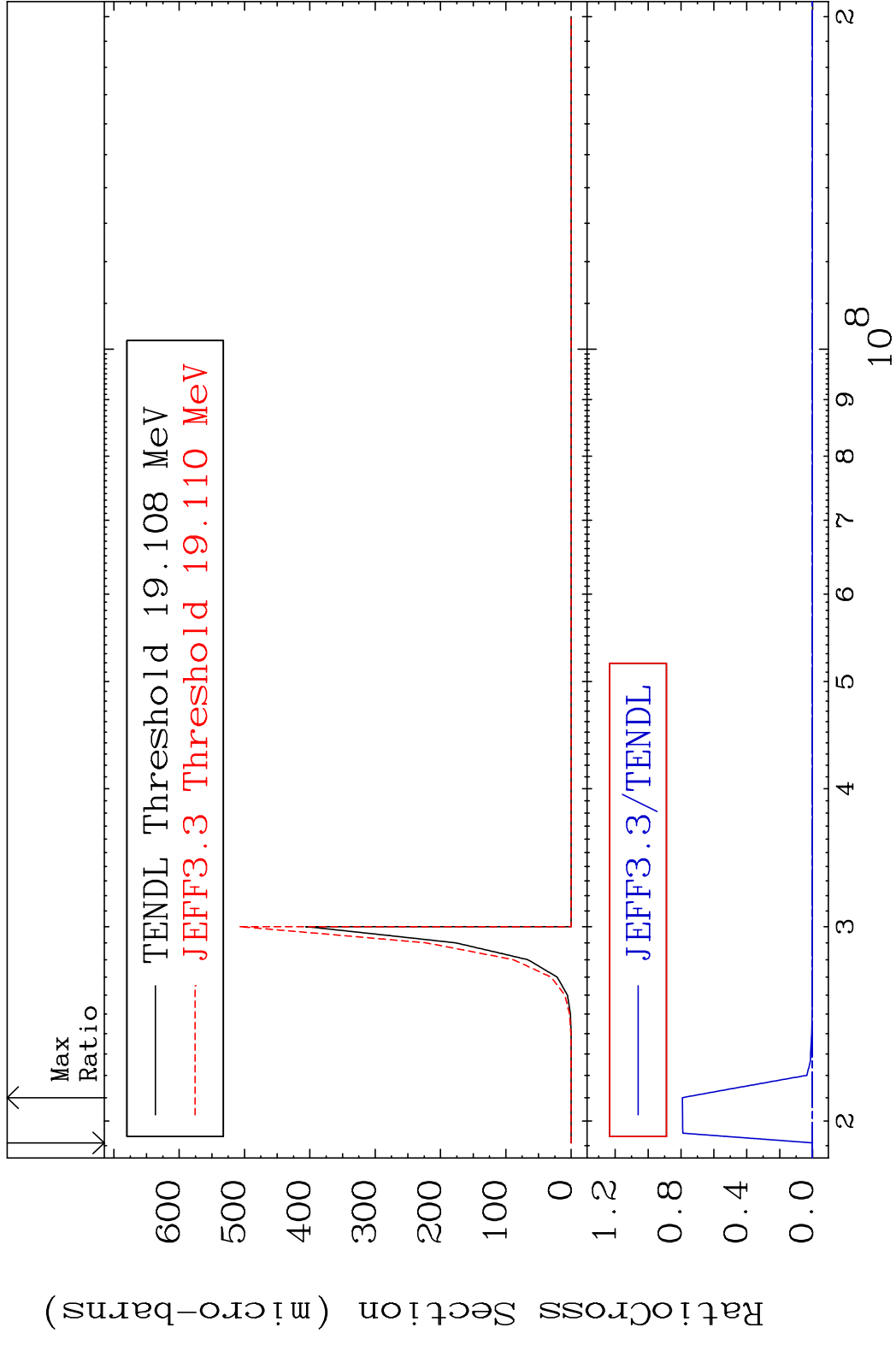
Incident Energy (MeV)

75-Re-185

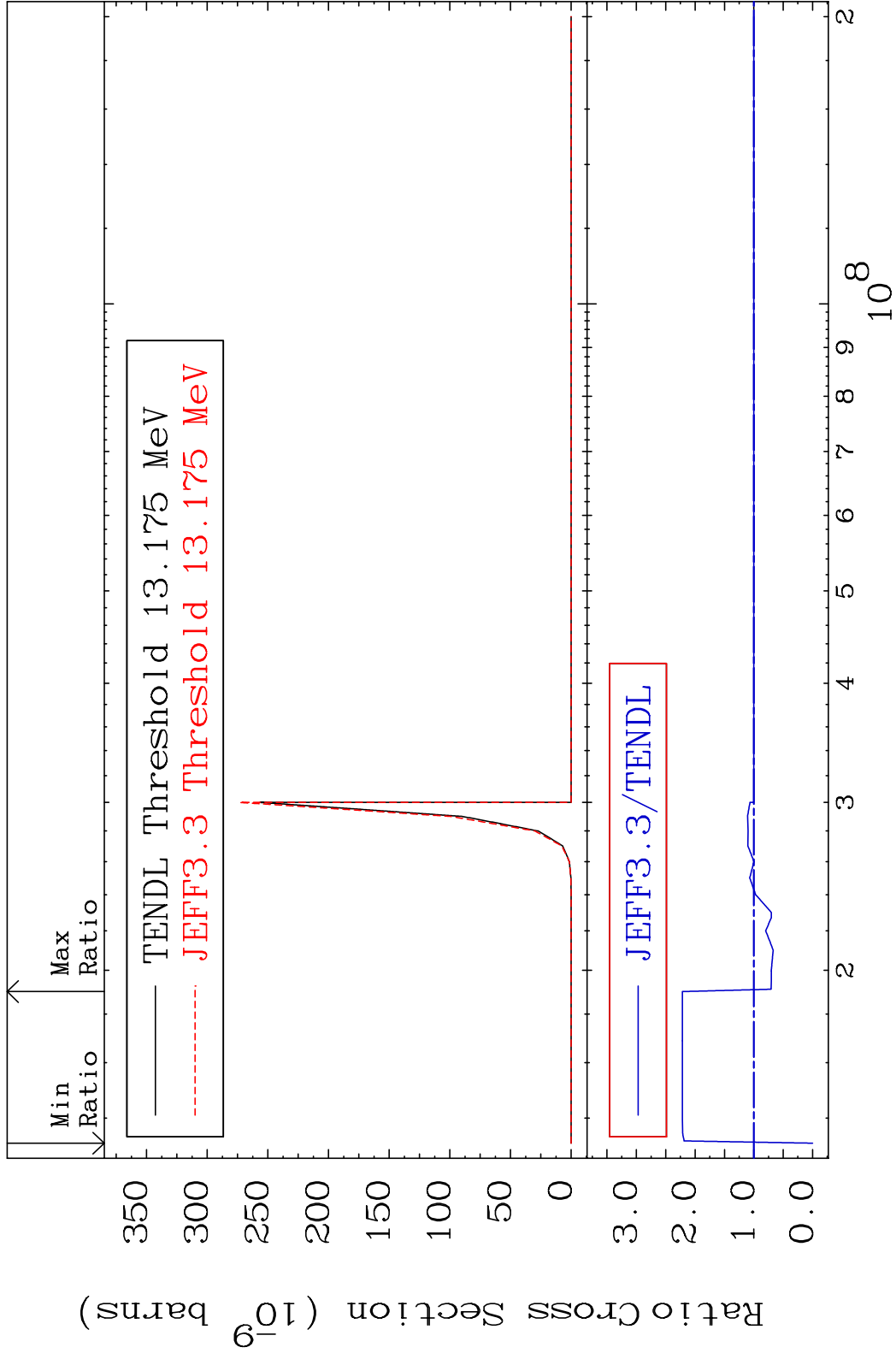
MAT 7525 (n,2n) p 75-Re-185
 Cross Section -100.0 To 4679. %



MAT 7525 (n,3n) p 75-Re-185
 Cross Section -100.0 To 9999. %



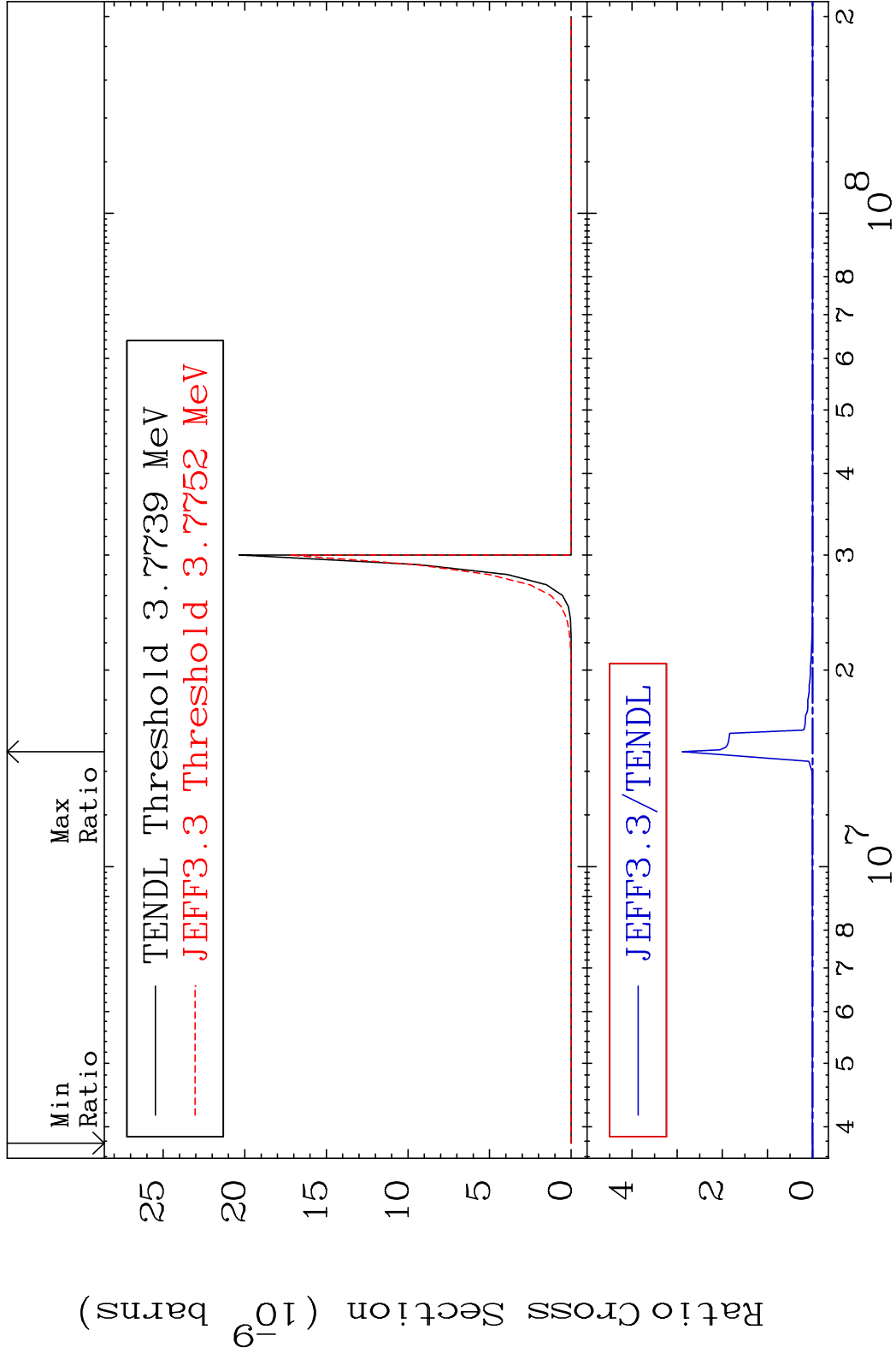
MAT 7525 (n,2n) p 75-Re-185
 Cross Section -100.0 To 121.7 %



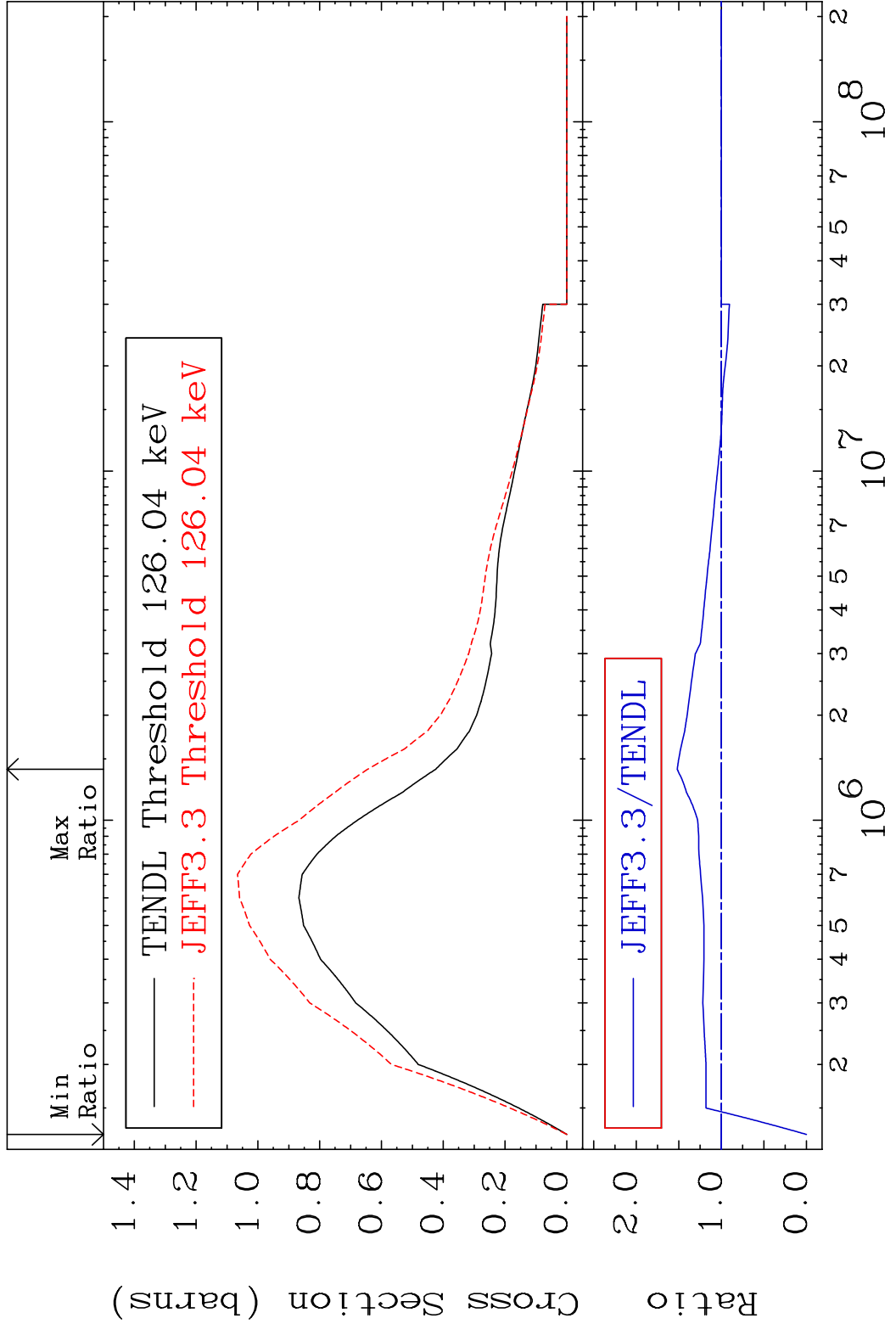
MAT 7525

(n,n') p α 75-Re-185

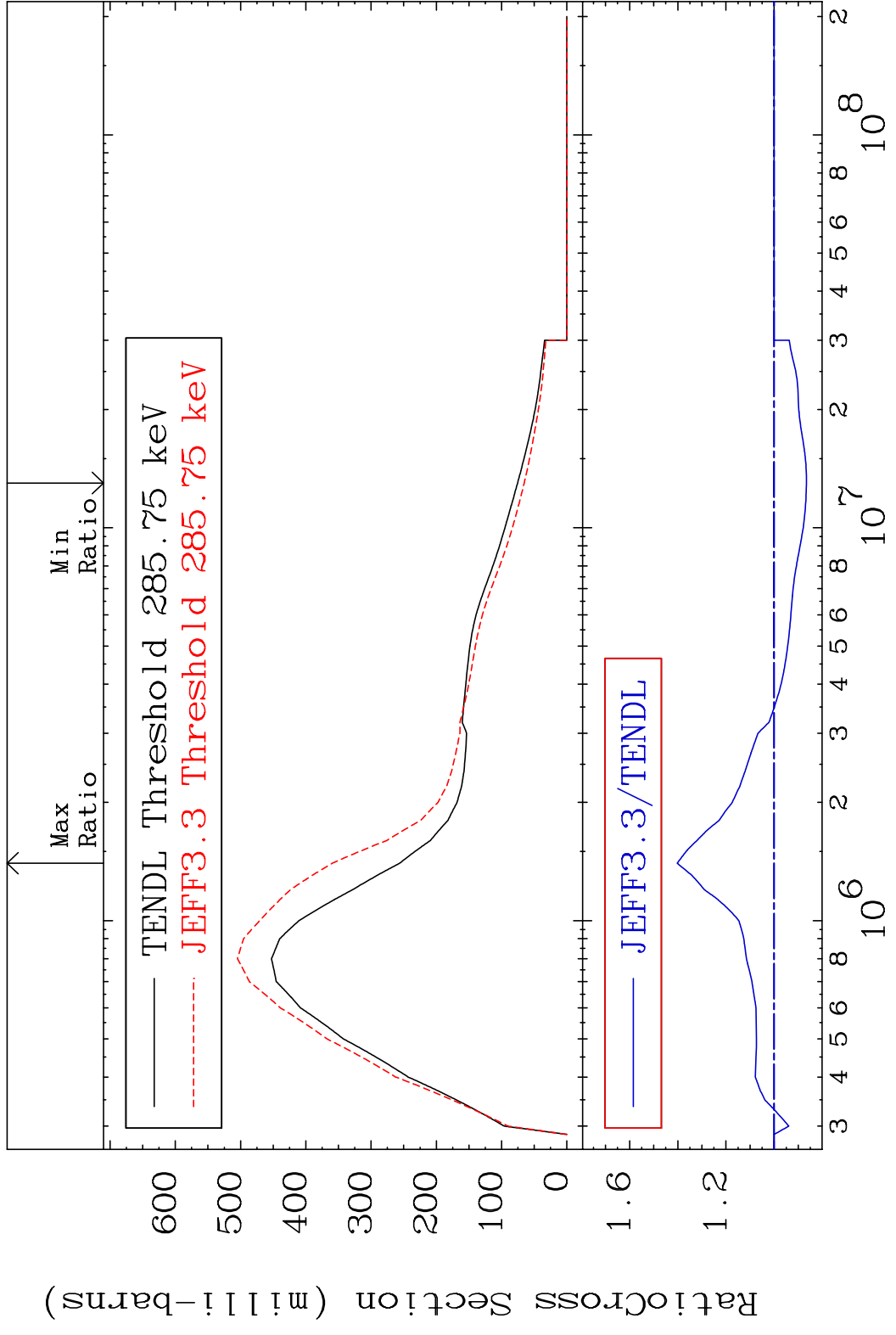
Cross Section -100.0 To 9999. %



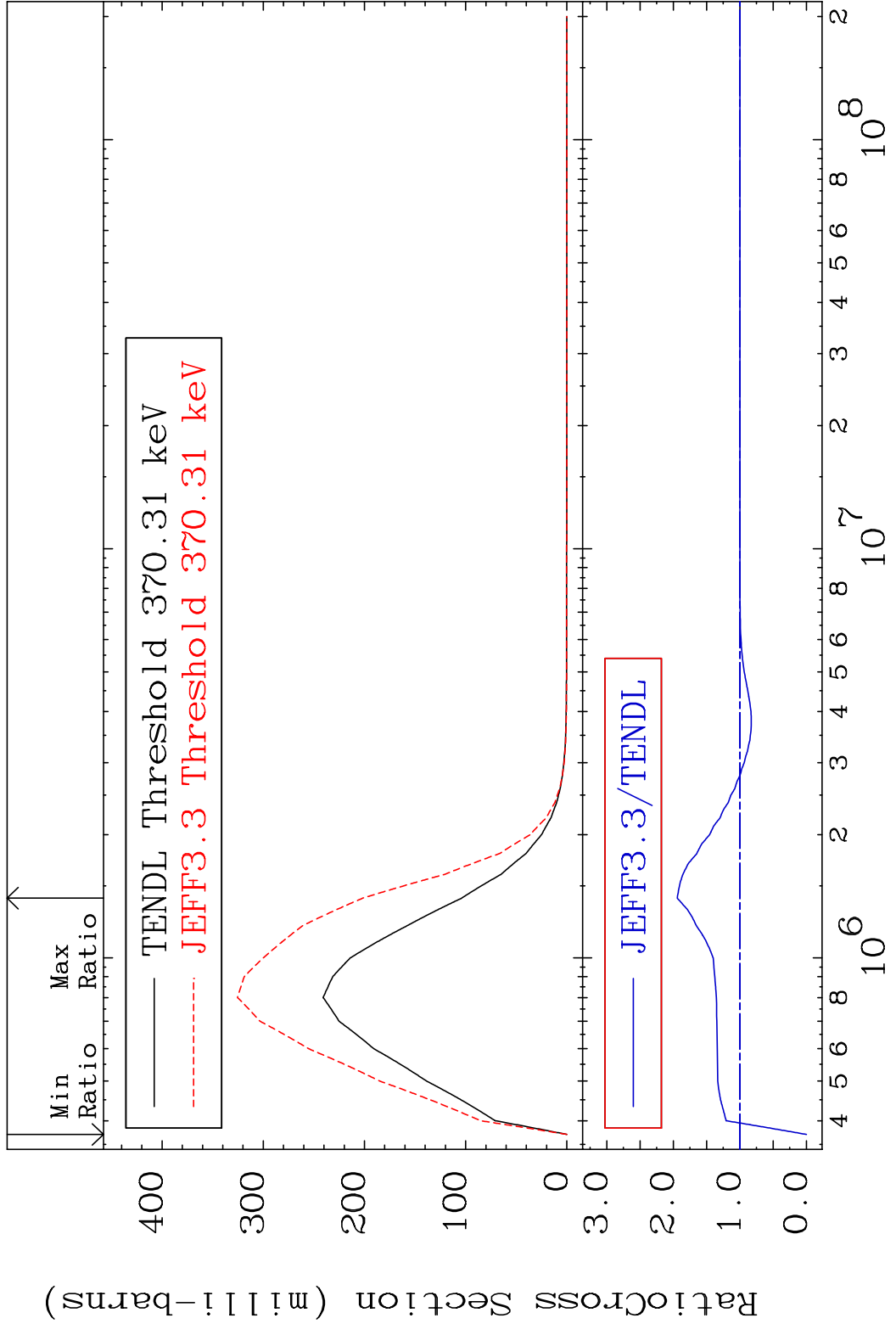
MAT 7525 MT= 51 (n, n') Level 75-Re-185
 Cross Section -100.0 To 51.89 %



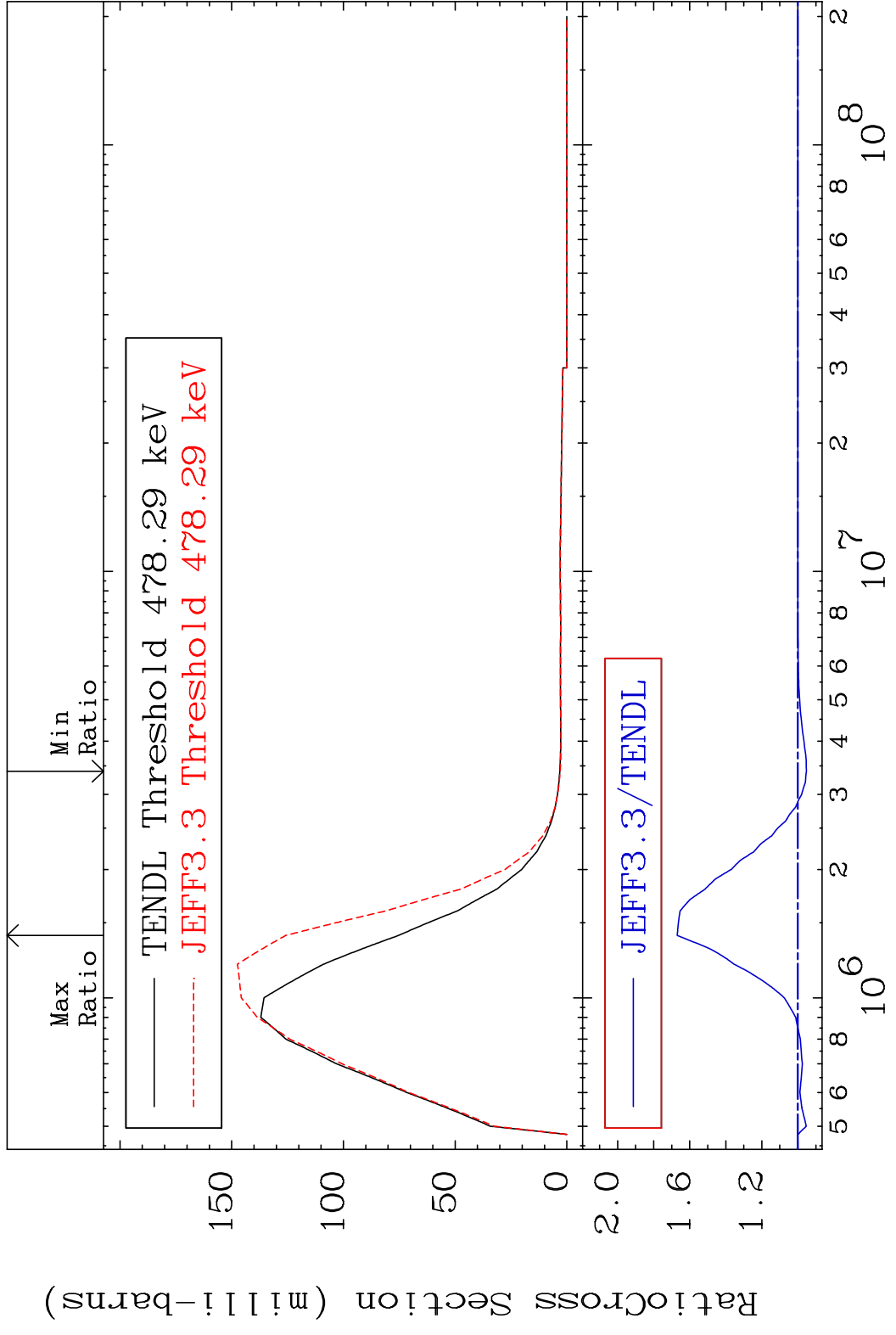
MAT 7525 MT= 52 (n, n') Level 75-Re-185
 Cross Section -13.38 To 40.26 %



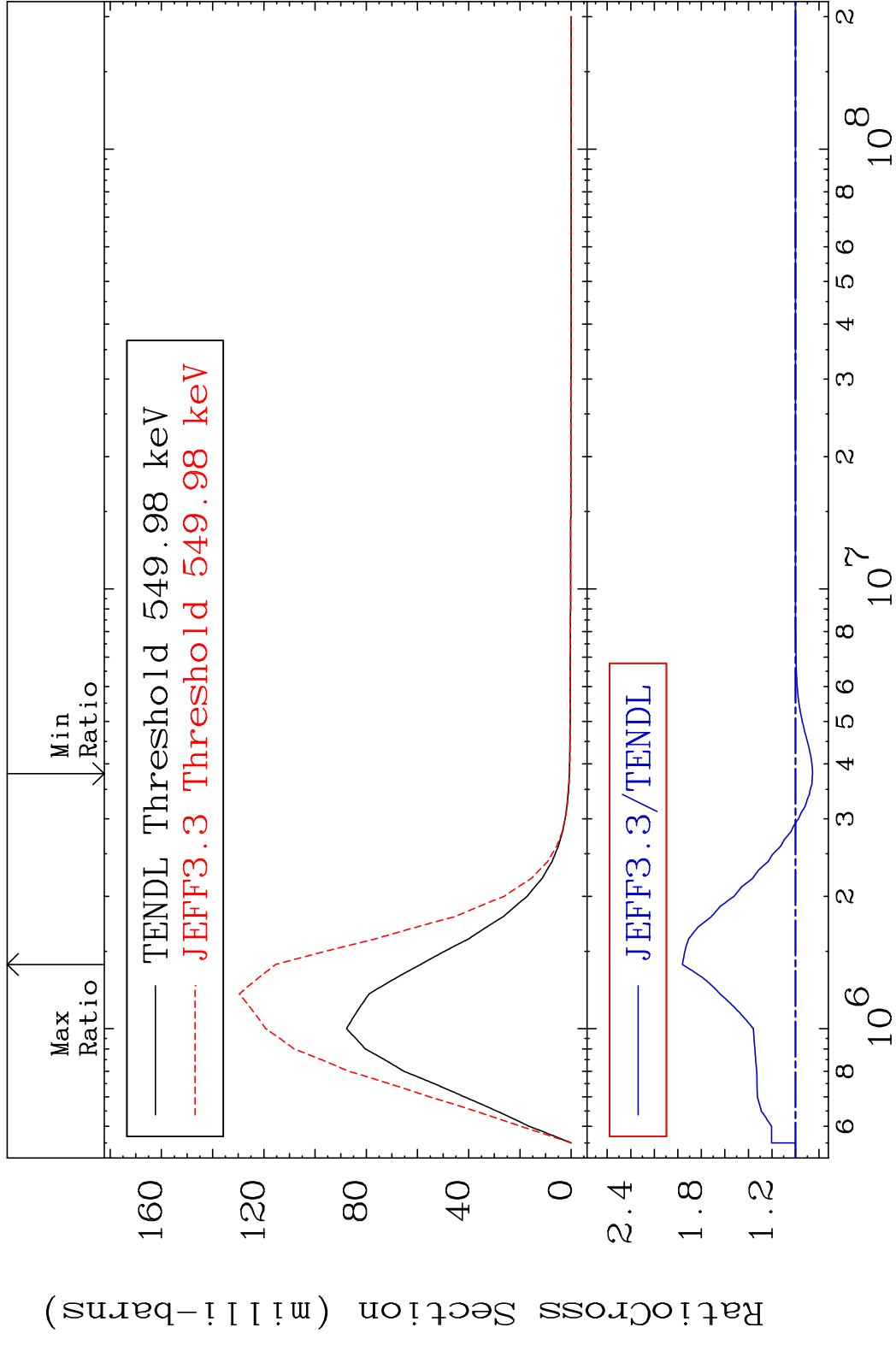
MAT 7525 MT= 53 (n, n') Level 75-Re-185
 Cross Section -100.0 To 94.16 %



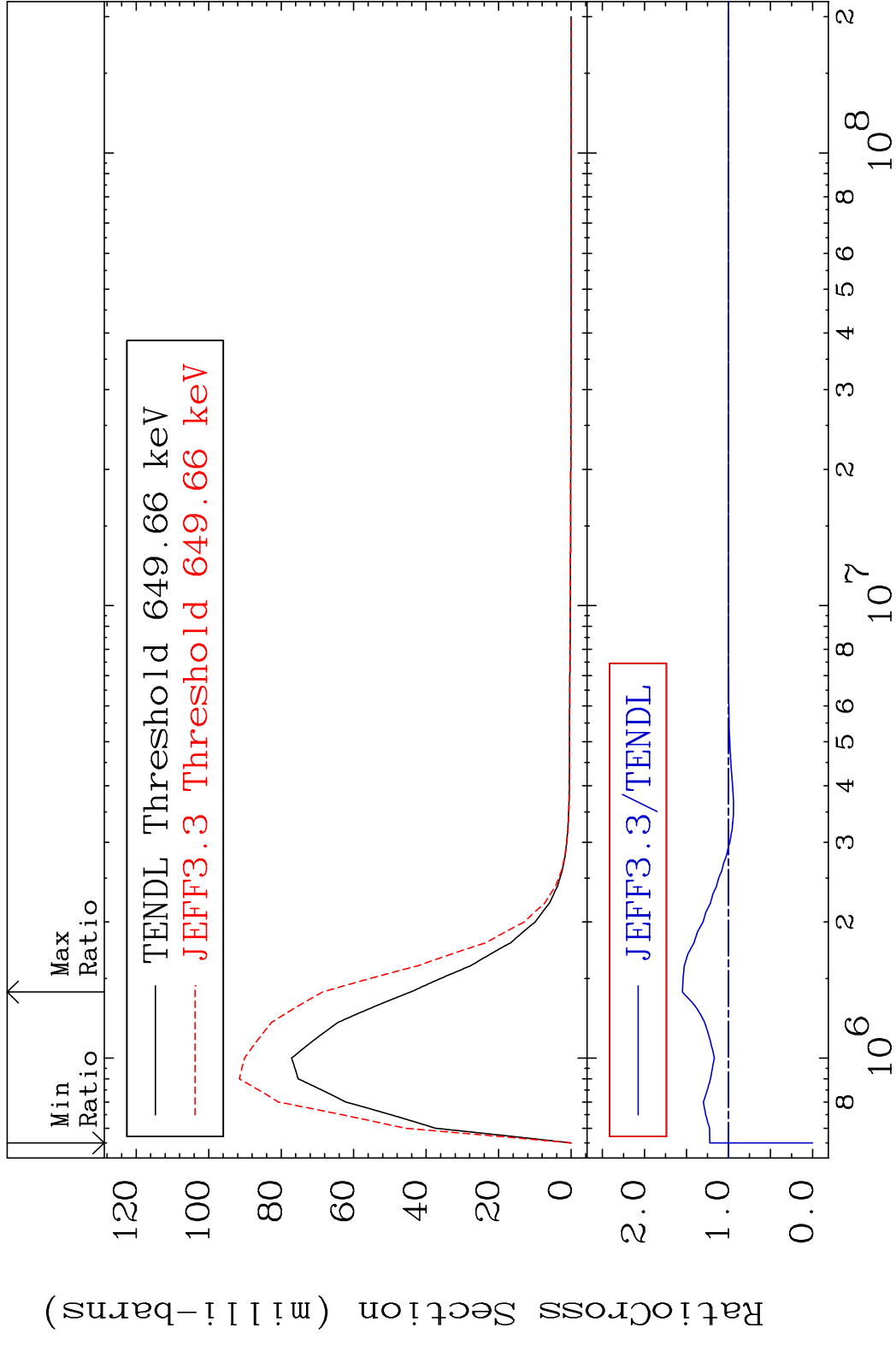
MAT 7525 MT= 54 (n, n') Level 75-Re-185
 Cross Section -4.745 To 66.97 %



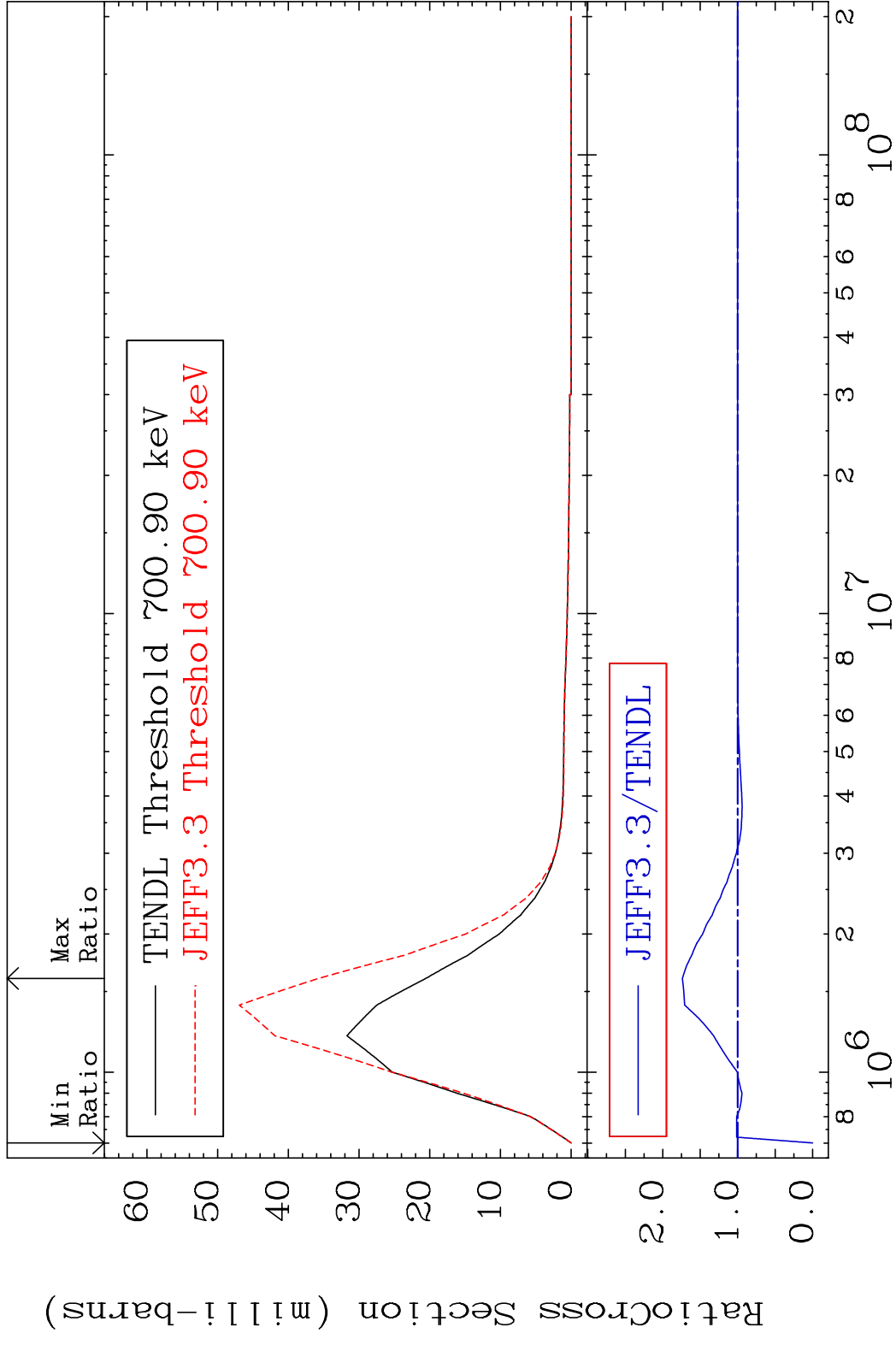
MAT 7525 MT= 55 (n, n') Level 75-Re-185
 Cross Section -14.49 To 96.16 %



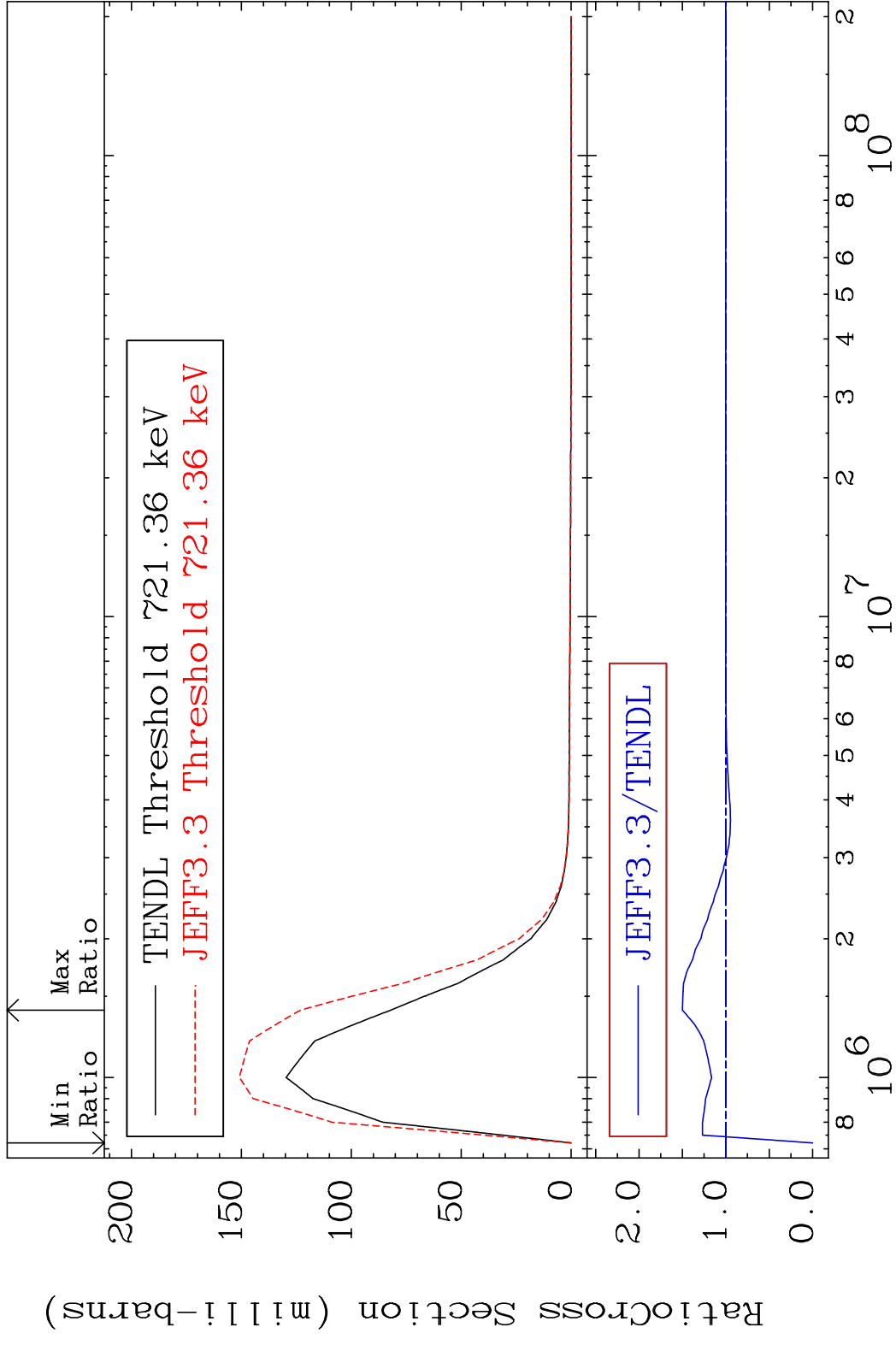
MAT 7525 MT= 56 (n,n') Level 75-Re-185
 Cross Section -100.0 To 54.91 %



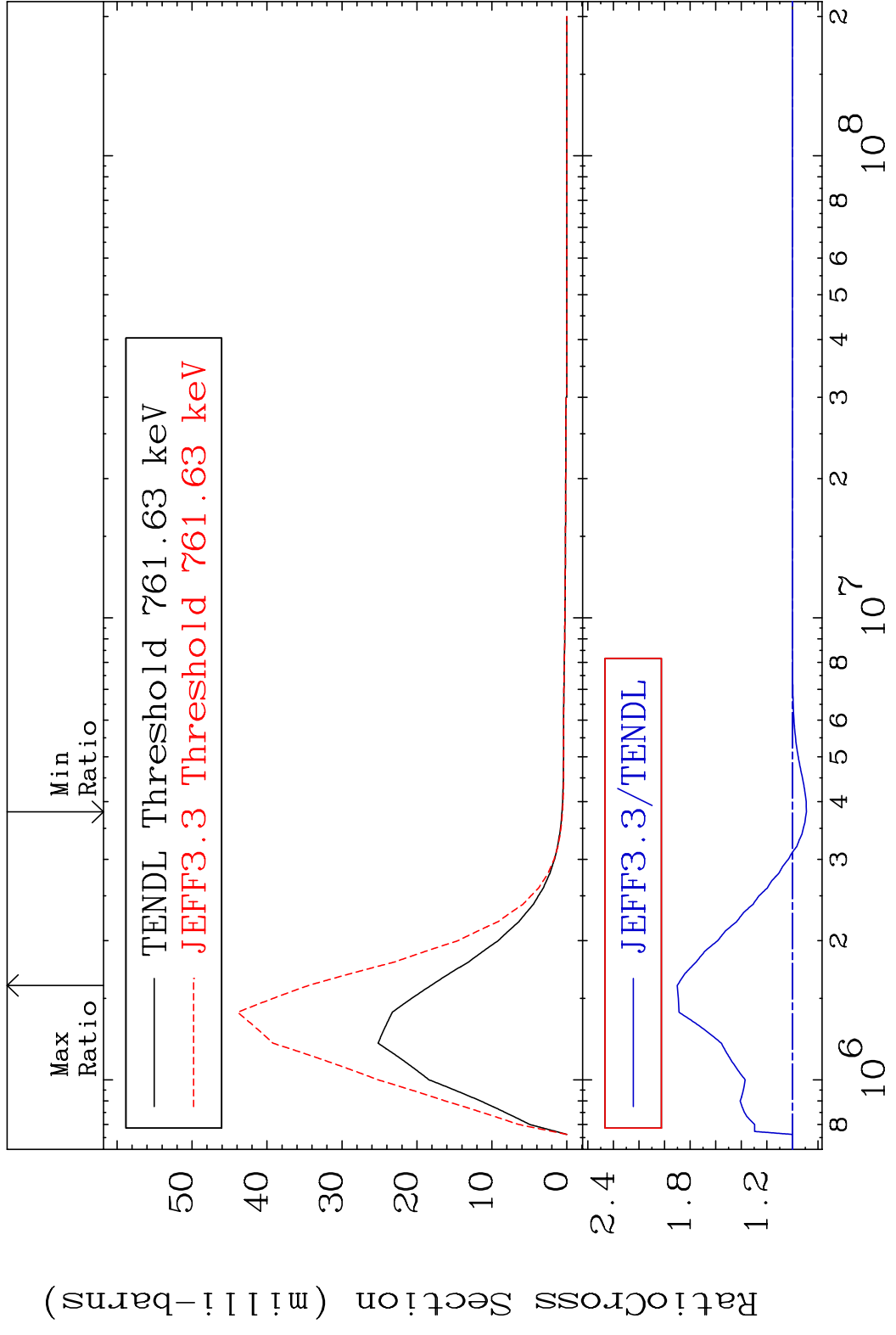
MAT 7525 MT= 57 (n,n') Level 75-Re-185
 Cross Section -100.0 To 73.80 %



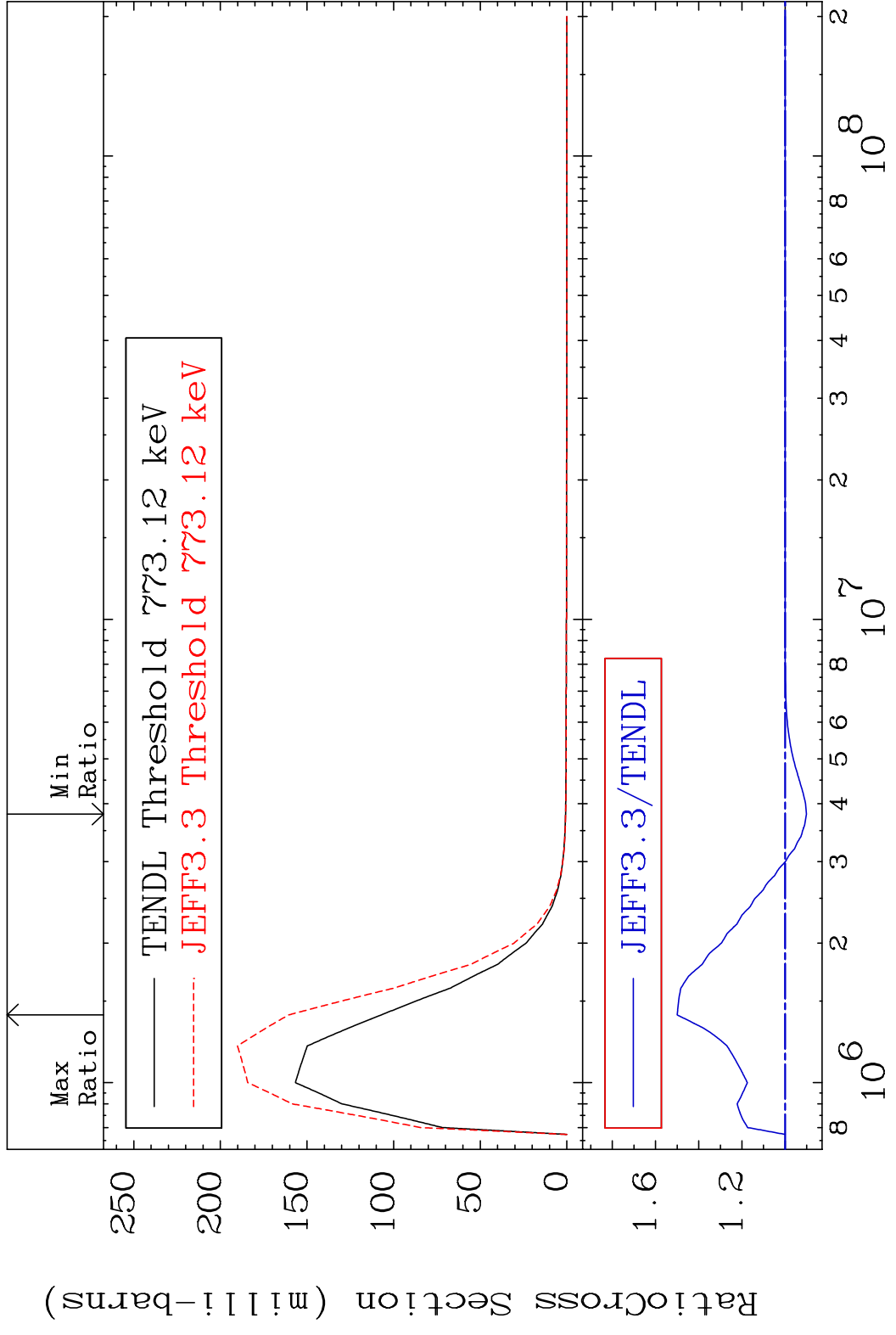
MAT 7525 MT= 58 (n,n') Level 75-Re-185
 Cross Section -100.0 To 50.09 %



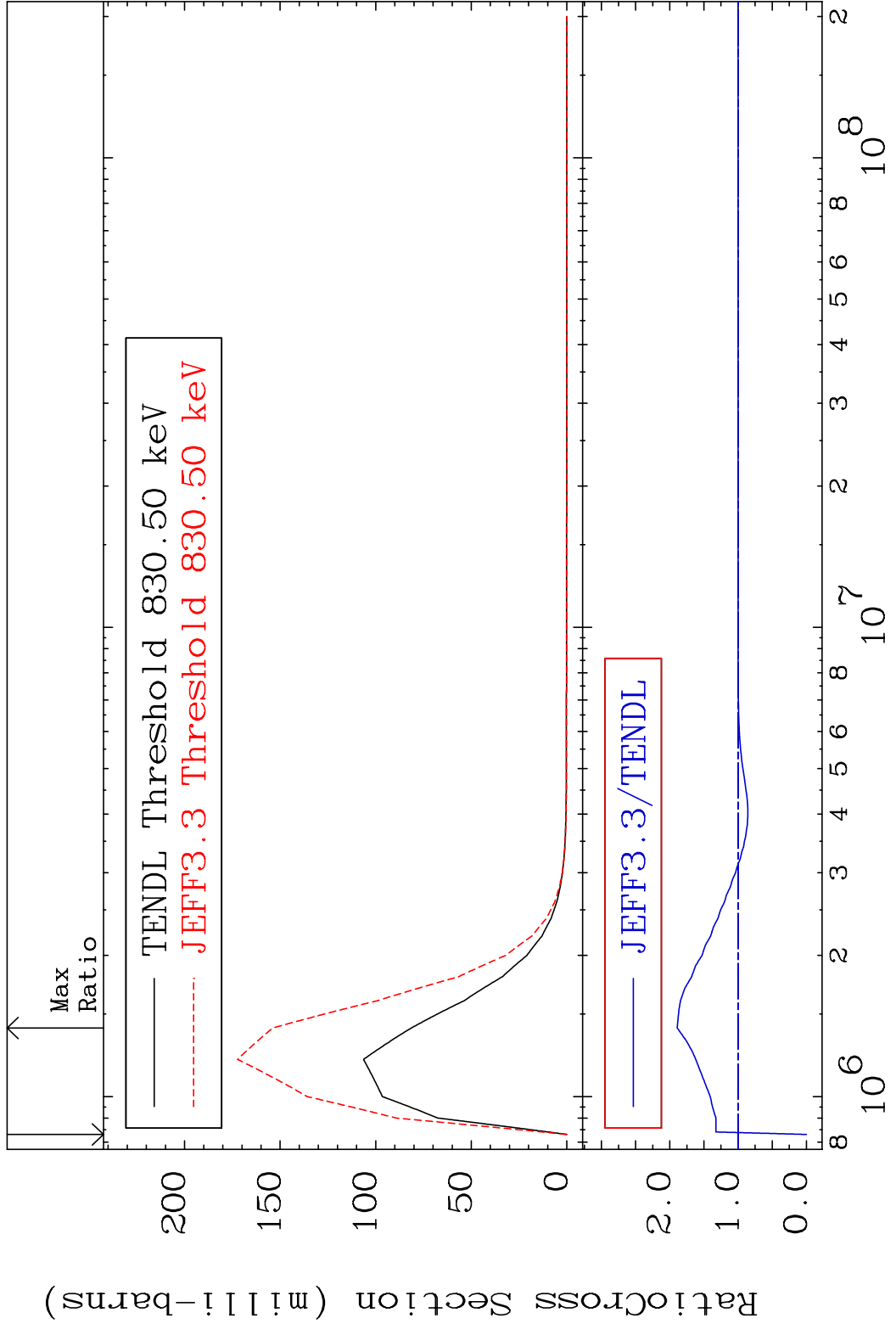
MAT 7525 MT= 59 (n, n') Level 75-Re-185
 Cross Section -10.92 To 90.16 %



MAT 7525 MT= 60 (n, n') Level 75-Re-185
 Cross Section -9.834 To 49.98 %

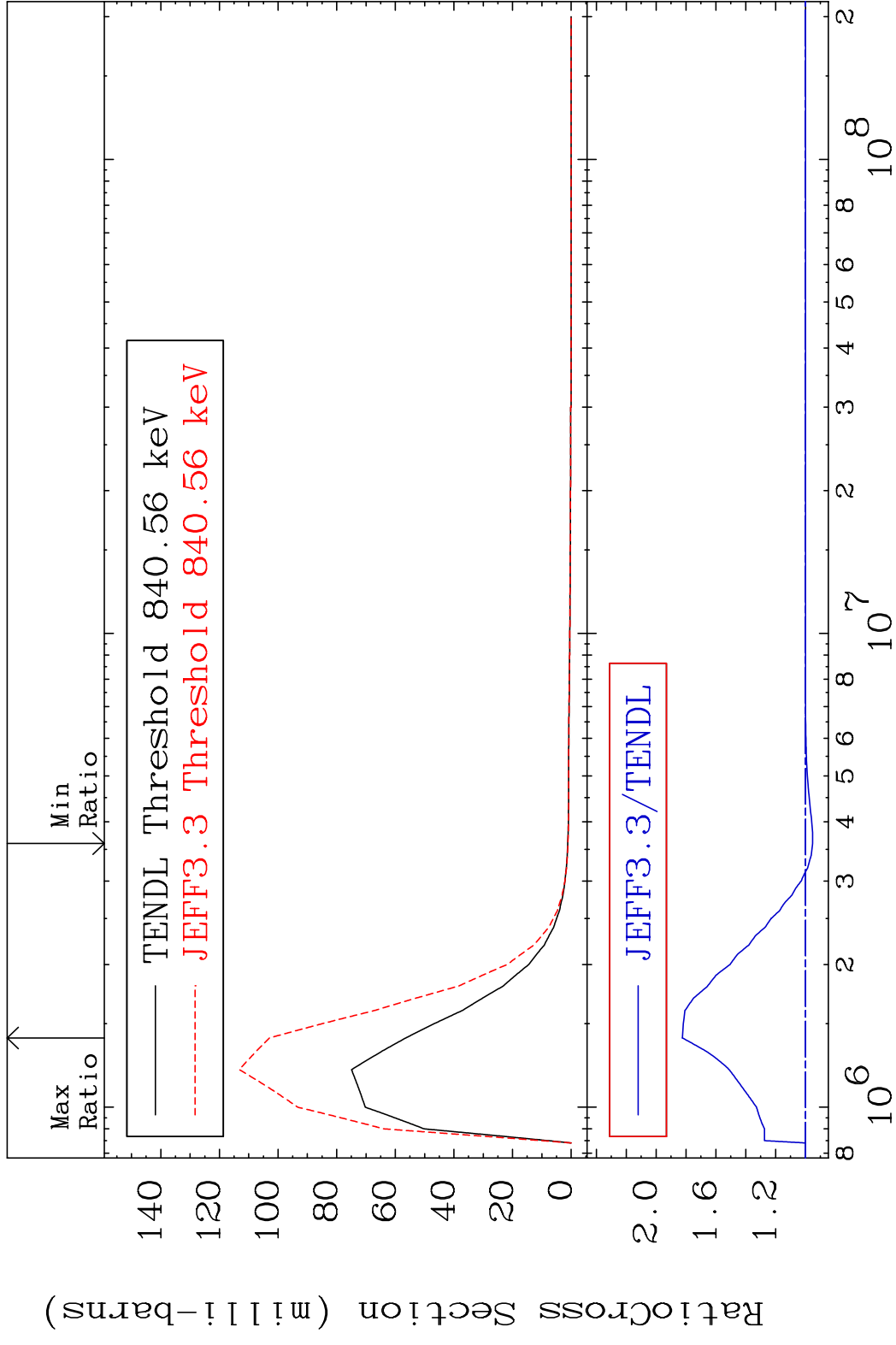


MAT 7525 MT= 61 (n, n') Level 75-Re-185
 Cross Section -100.0 To 89.15 %

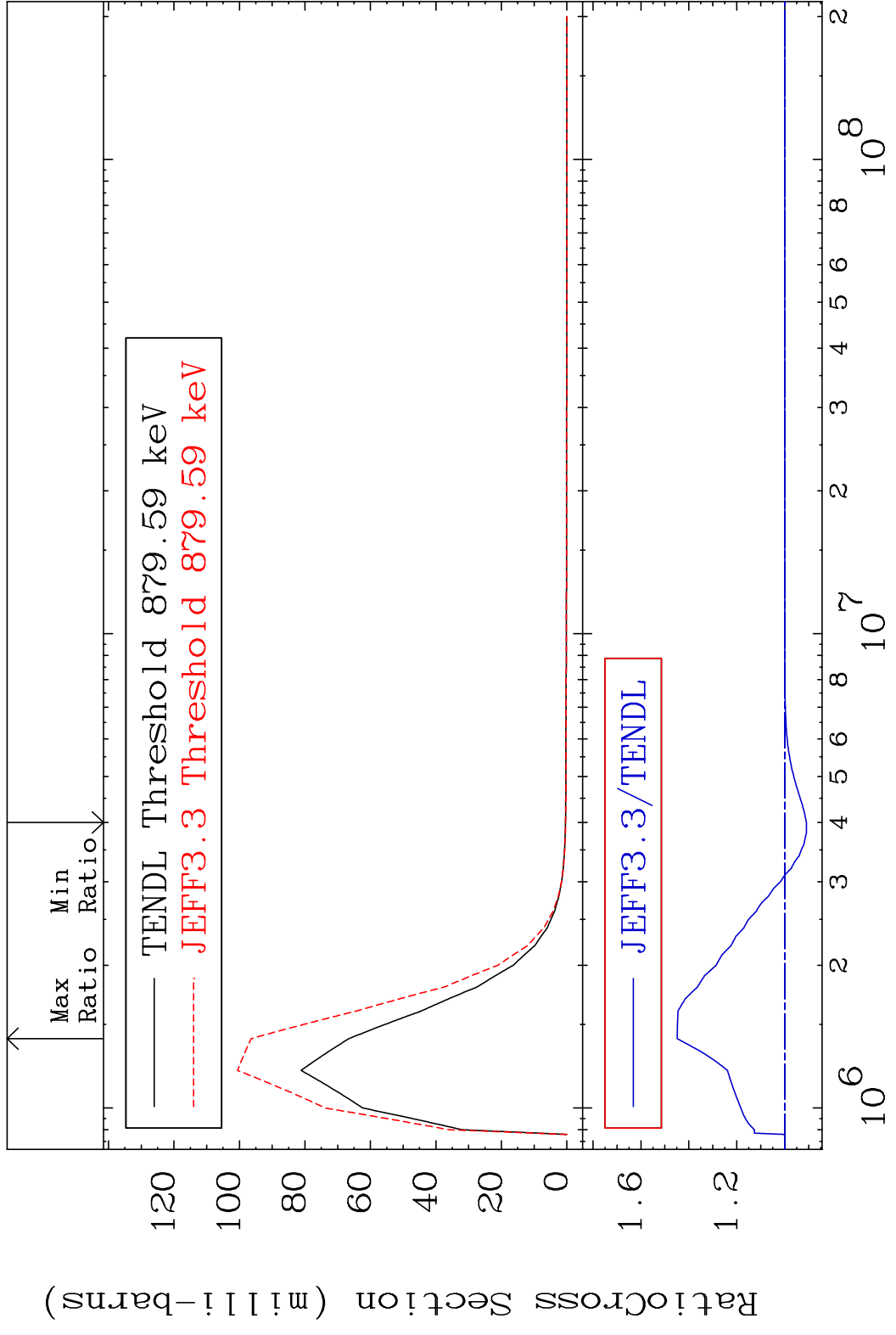


30 Incident Energy (eV) 75-Re-185

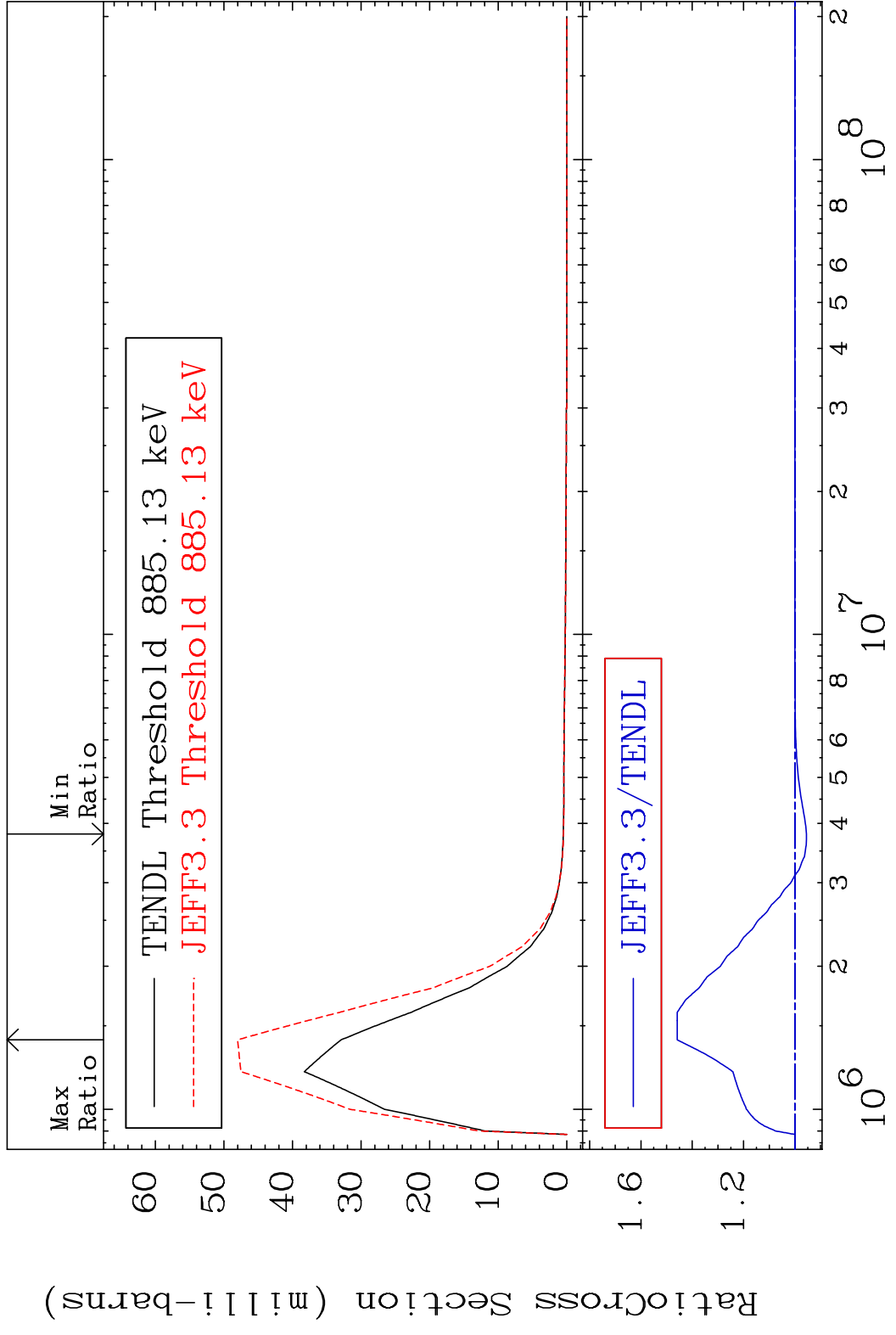
MAT 7525 MT= 62 (n, n') Level 75-Re-185
 Cross Section -4.753 To 82.44 %



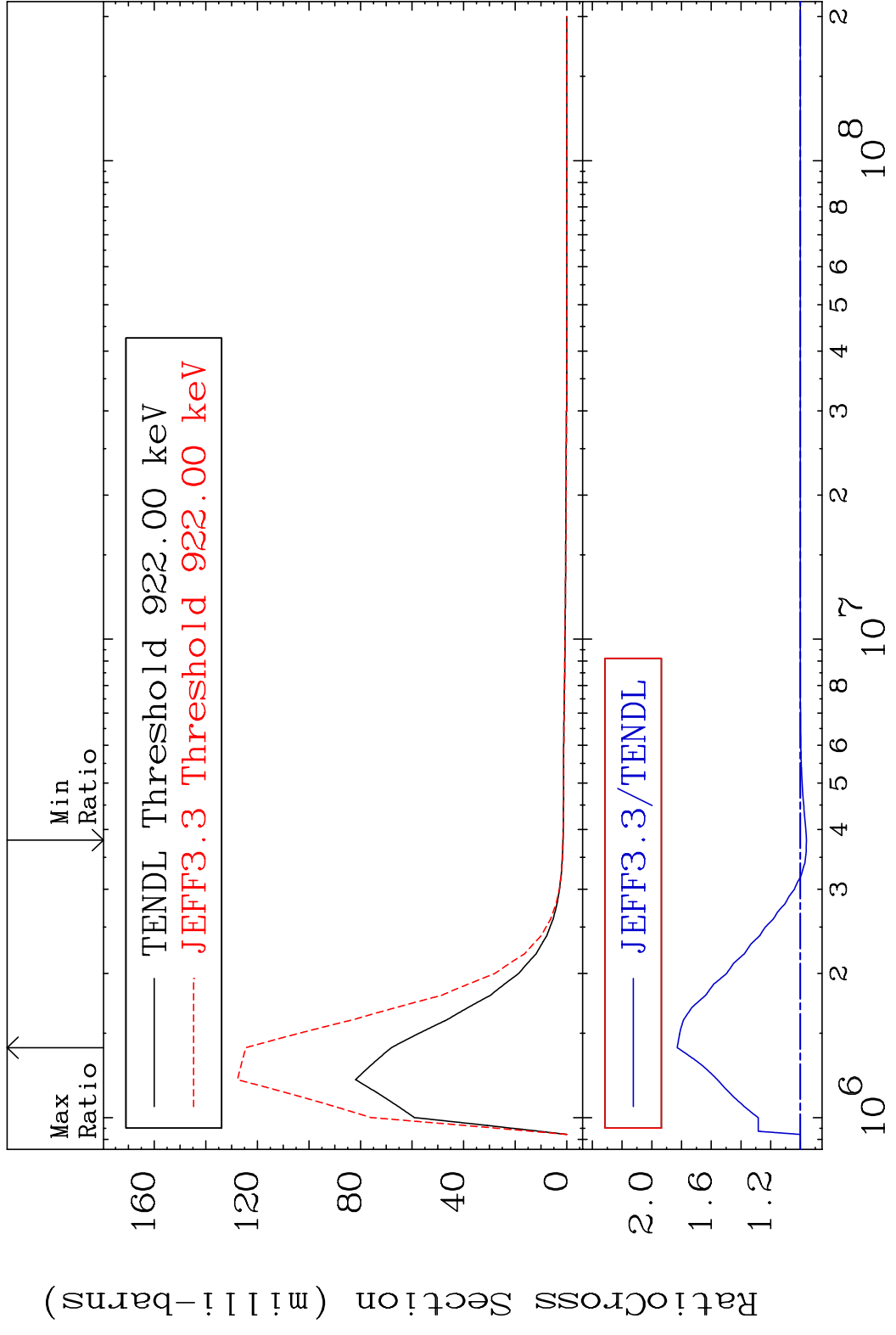
MAT 7525 MT= 63 (n, n') Level 75-Re-185
 Cross Section -9.051 To 44.87 %



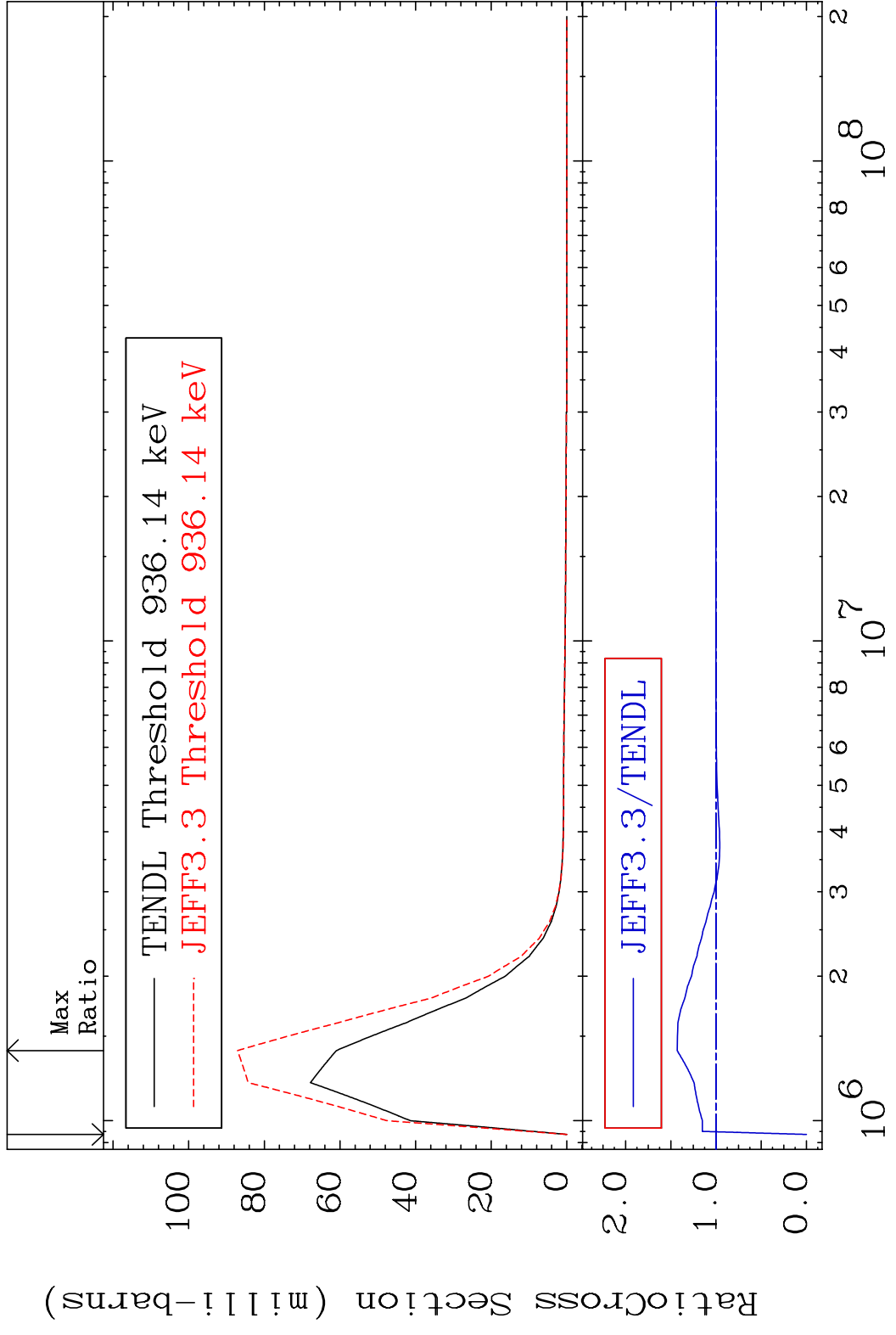
MAT 7525 MT= 64 (n, n') Level 75-Re-185
 Cross Section -4.474 To 45.87 %



MAT 7525 MT= 65 (n, n') Level 75-Re-185
 Cross Section -4.056 To 82.91 %

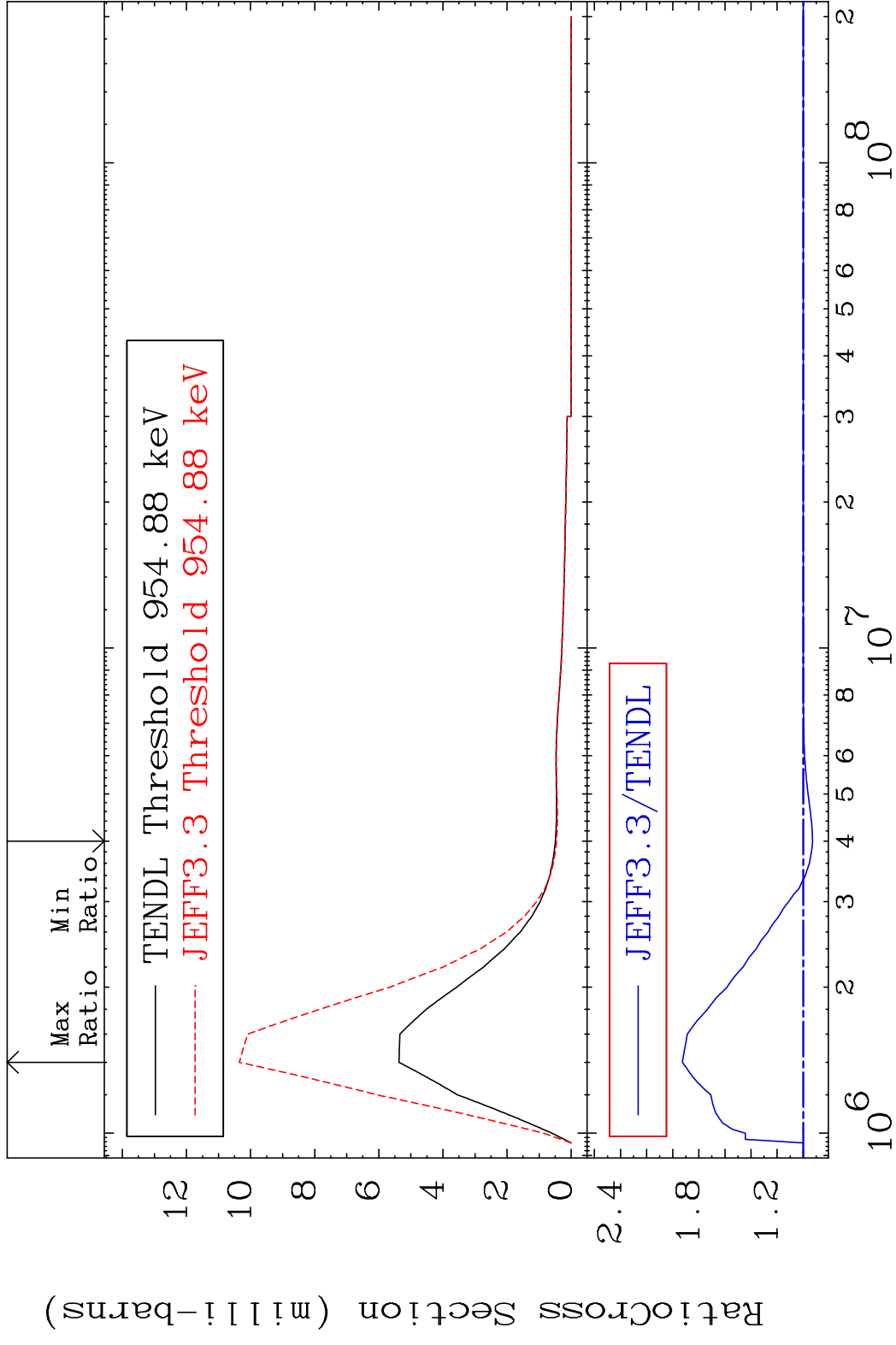


MAT 7525 MT= 66 (n, n') Level 75-Re-185
 Cross Section -100.0 To 42.92 %



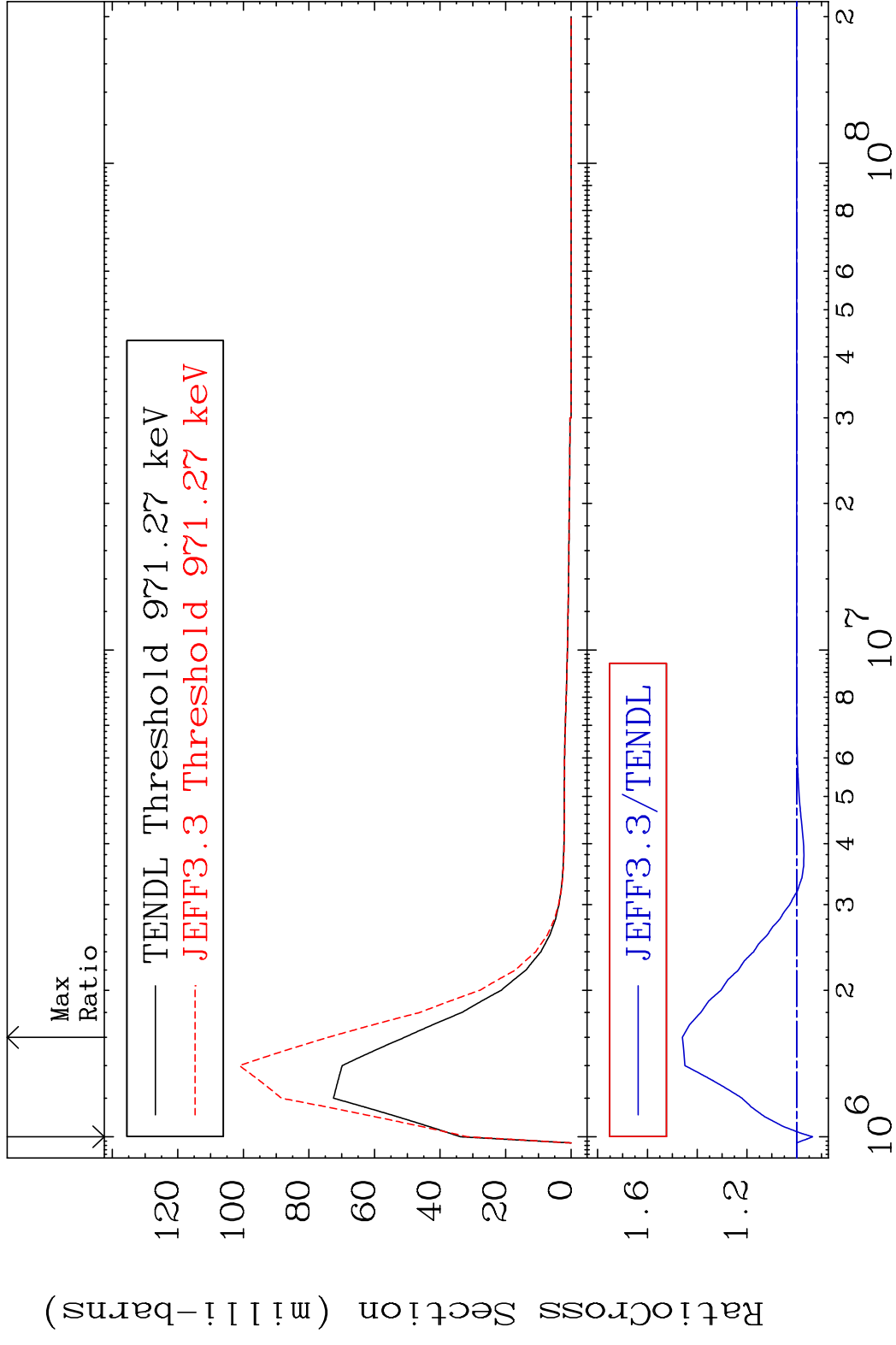
35 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 67 (n, n') Level 75-Re-185
 Cross Section -7.171 To 92.63 %



36 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 68 (n, n') Level 75-Re-185
 Cross Section -6.380 To 45.95 %

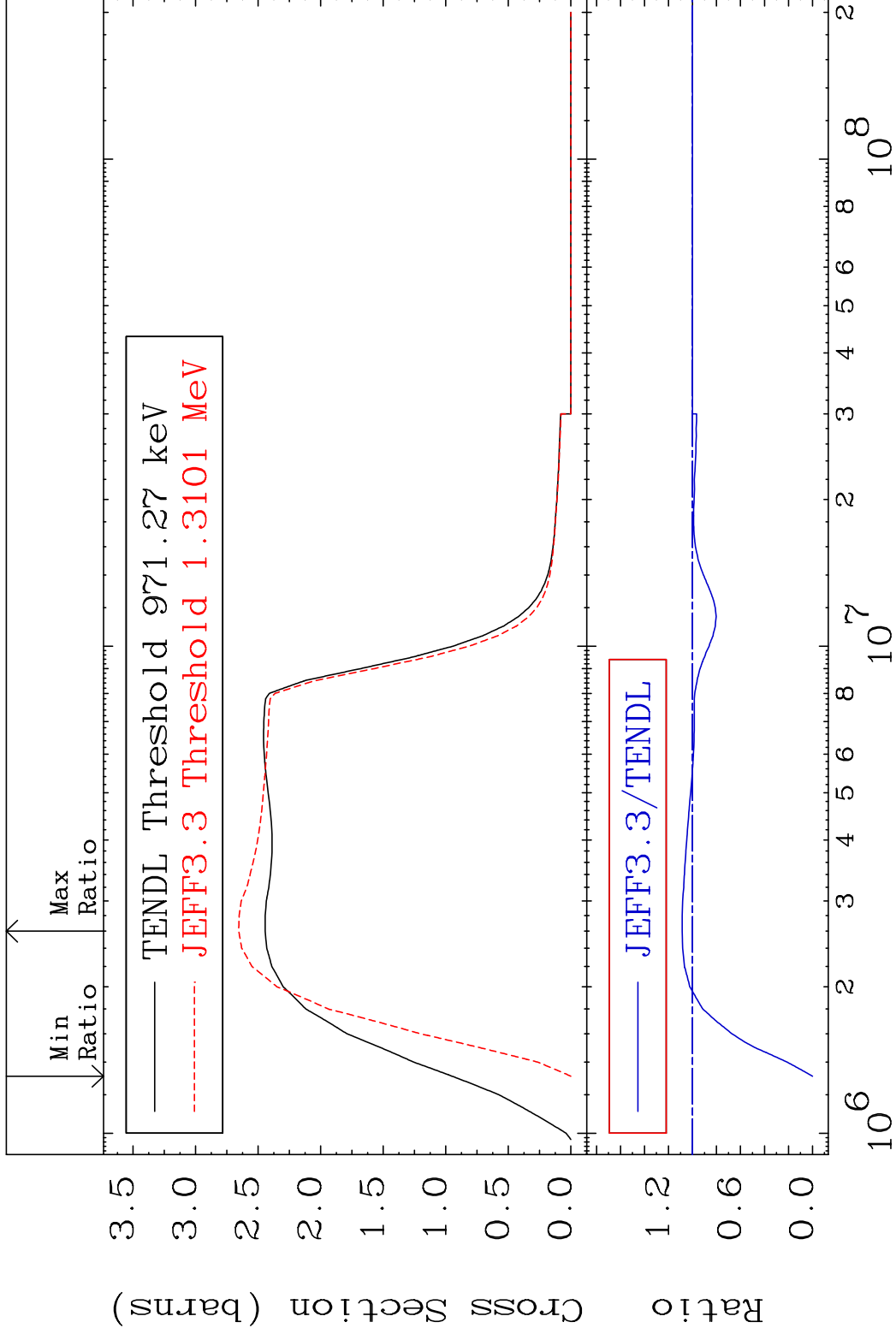


MAT 7525

(n, n') Continuum

75-Re-185

Cross Section -100.0 To 8.621 %



38

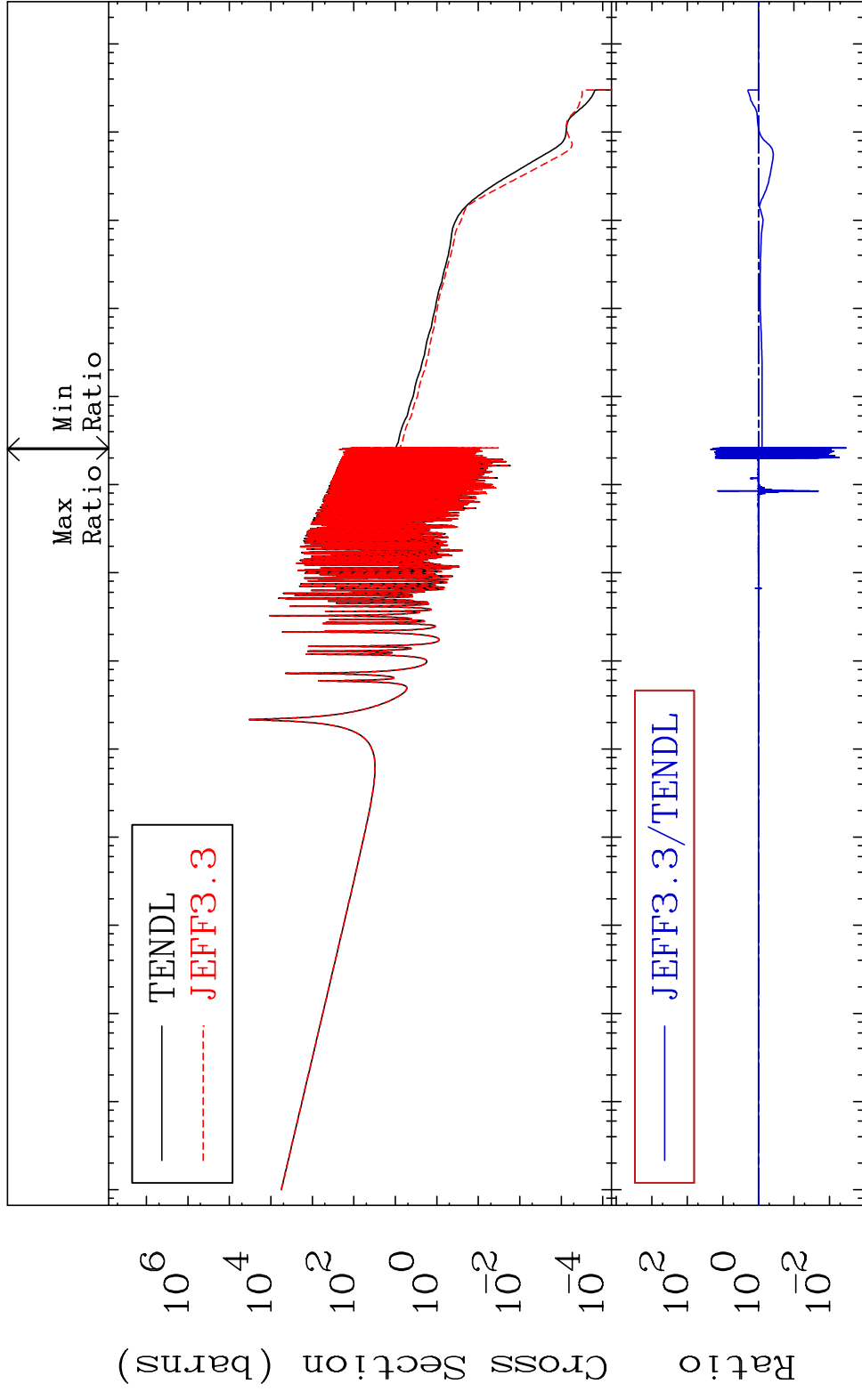
Incident Energy (eV)

75-Re-185

MAT 7525

(n, γ)
Cross Section -99.66 To 2099. %

75-Re-185



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Incident Energy (eV)

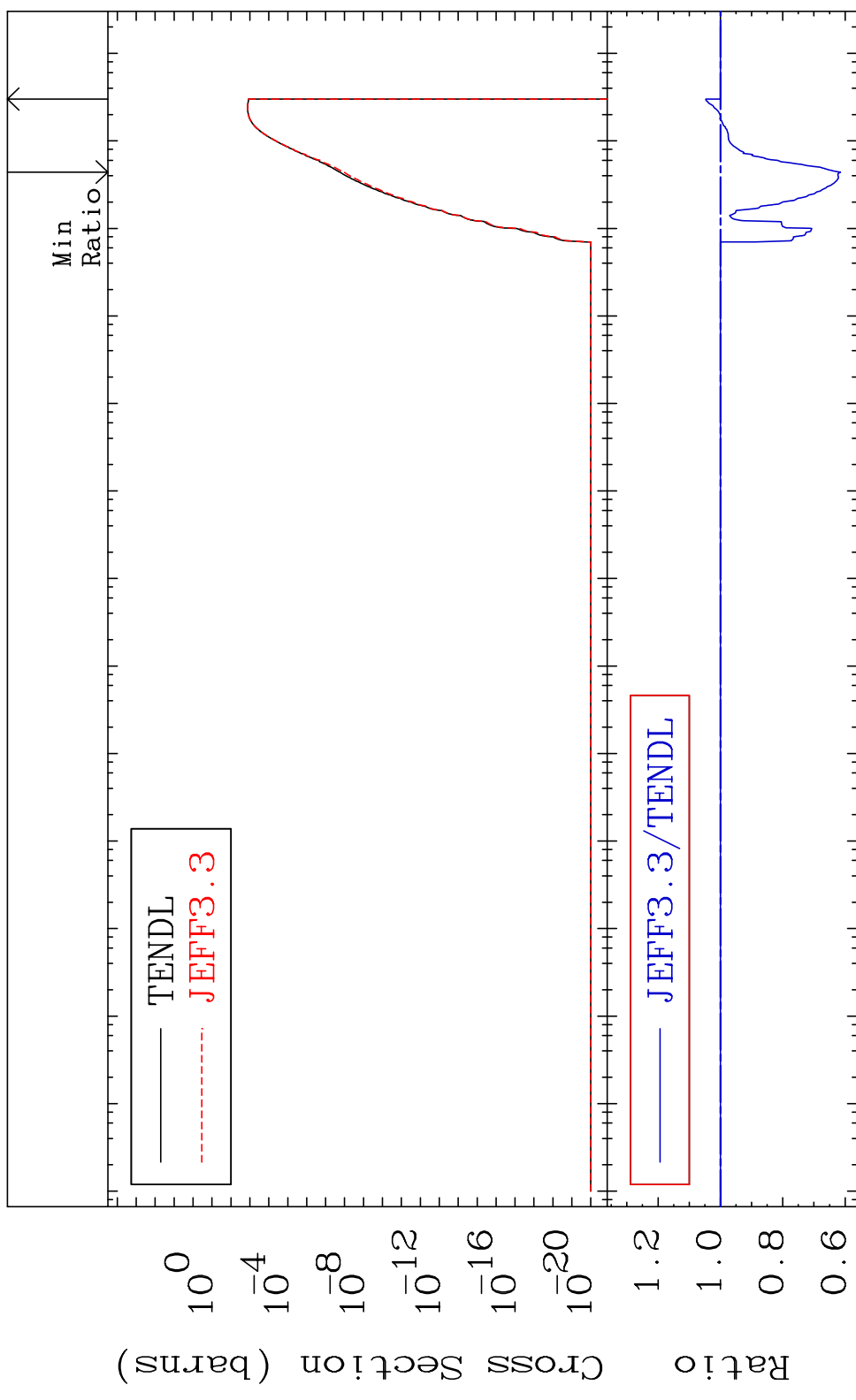
75-Re-185

MAT 7525

(n, p)

75-Re-185

Cross Section -38.50 To 4.693 %

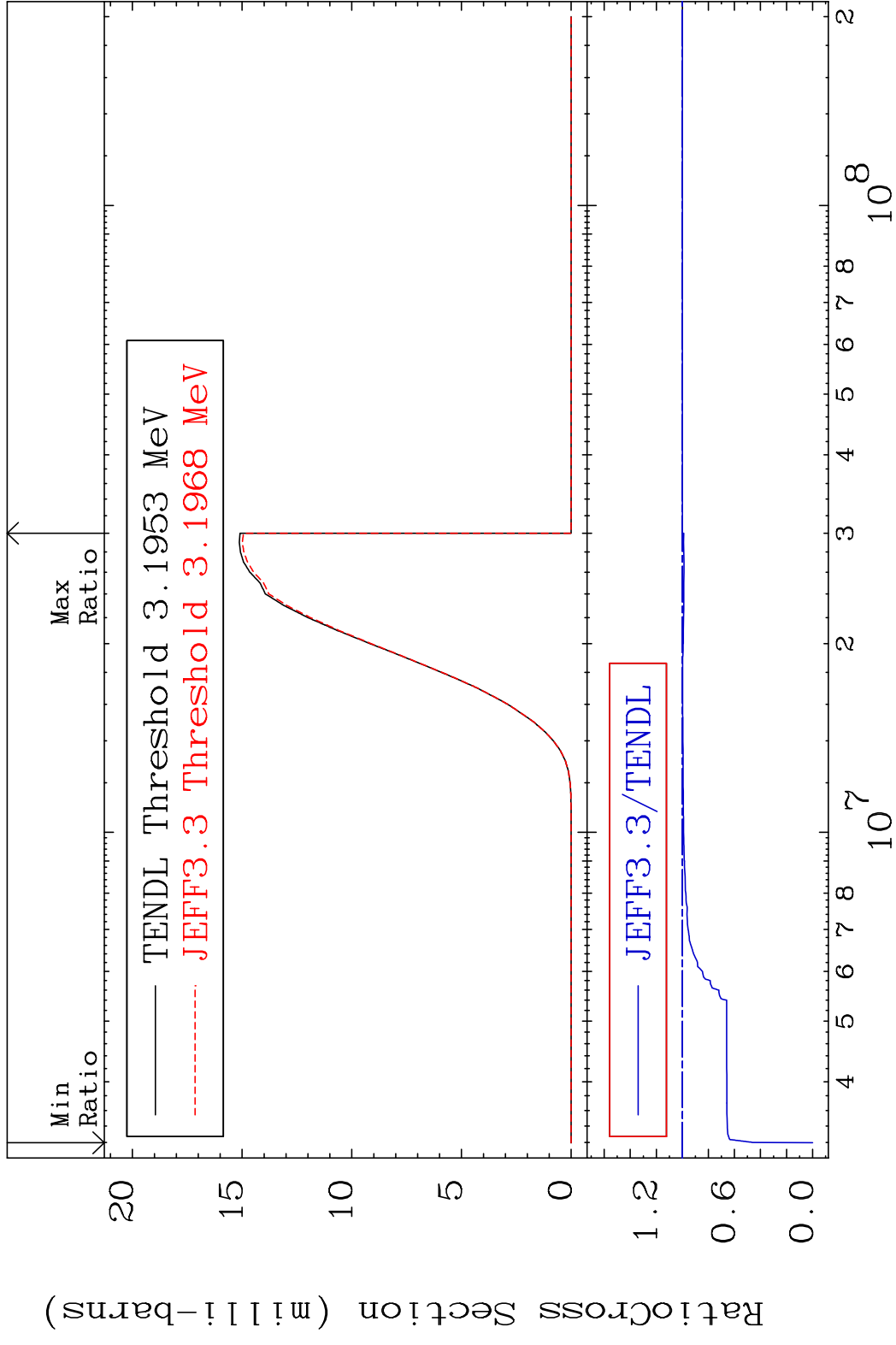


40

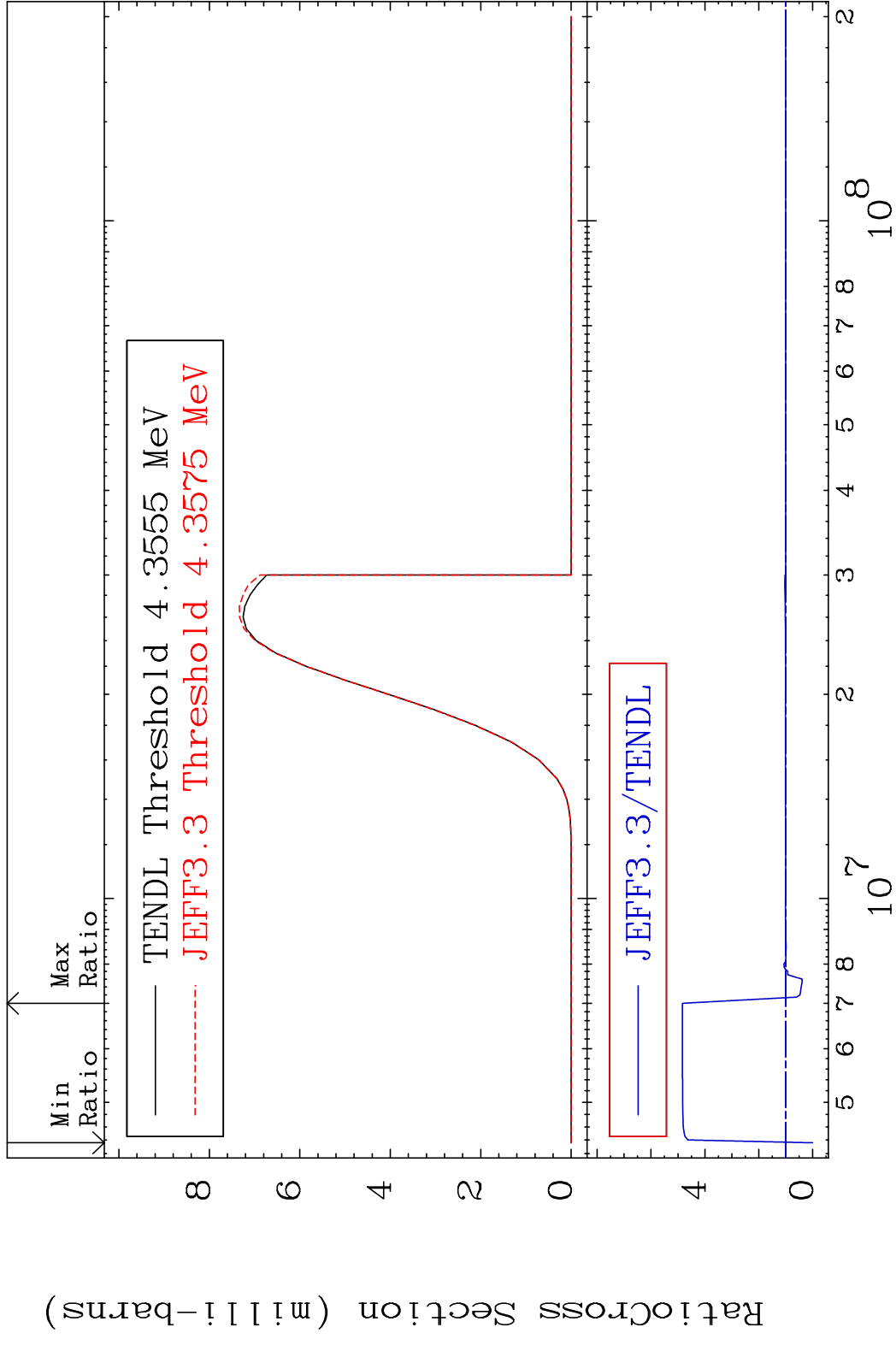
Incident Energy (eV)

75-Re-185

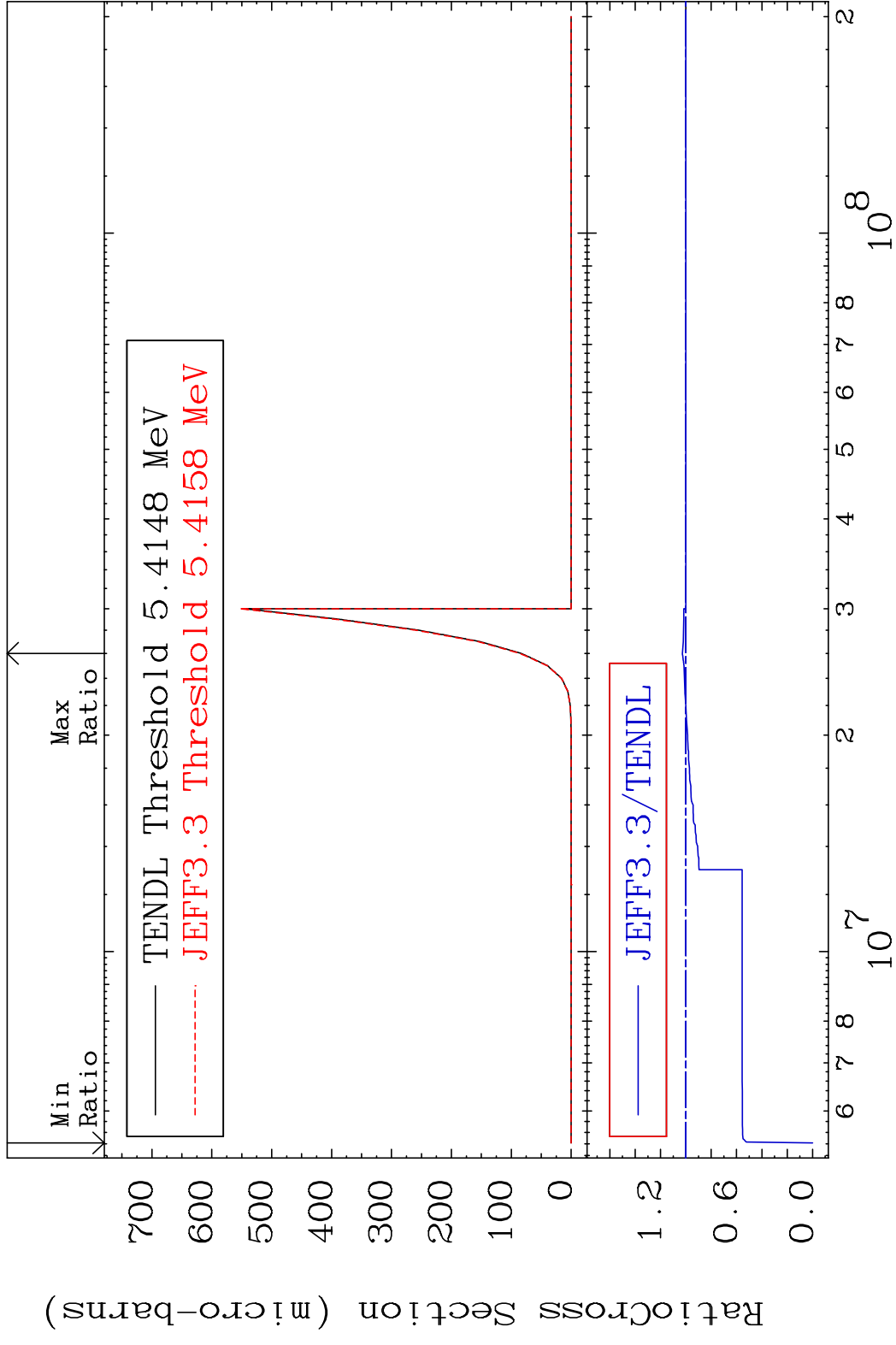
MAT 7525 (n,d) 75-Re-185
 Cross Section -100.0 To 0.000 %



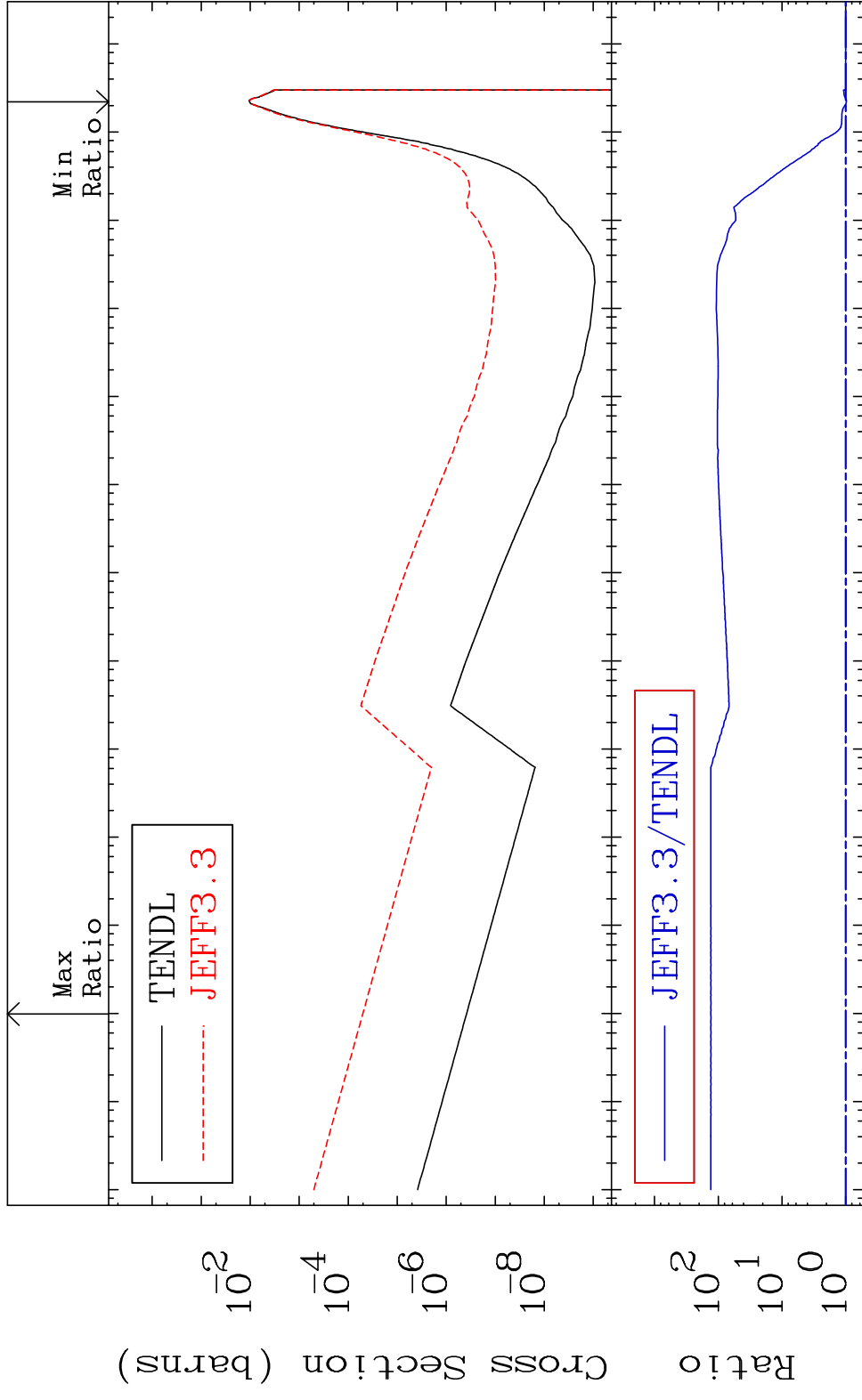
MAT 7525 (n, t) 75-Re-185
 Cross Section -100.0 To 383.6 %



MAT 7525 (n, He-3) 75-Re-185
 Cross Section -100.0 To 2.765 %



MAT 7525 (n, α) 75-Re-185
 Cross Section -2.231 To 9999. %

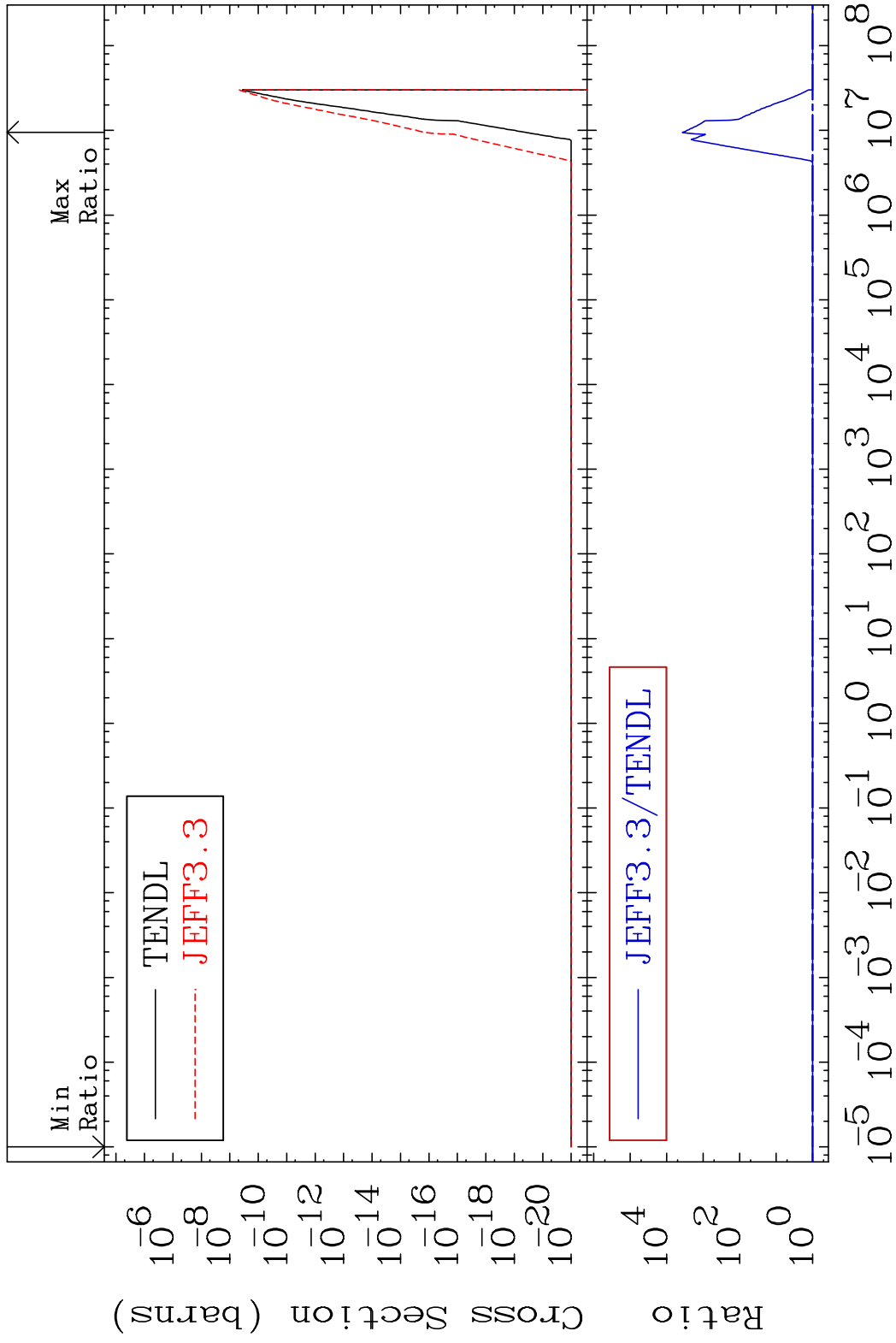


MAT 7525

(n,2α)

75-Re-185

Cross Section 0.000 To 9999. %

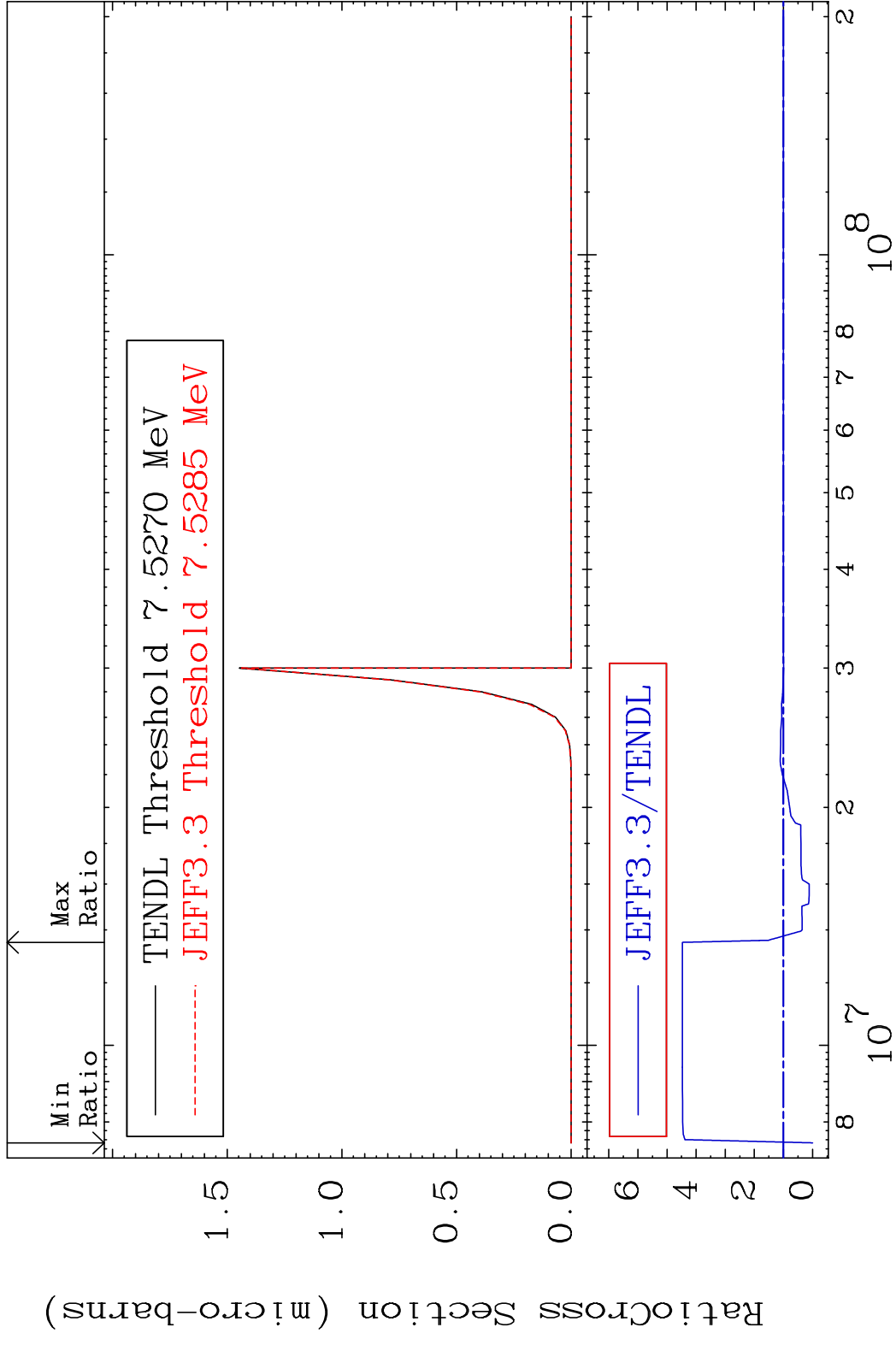


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Incident Energy (eV)

75-Re-185

MAT 7525 (n,2p) 75-Re-185
 Cross Section -100.0 To 347.3 %

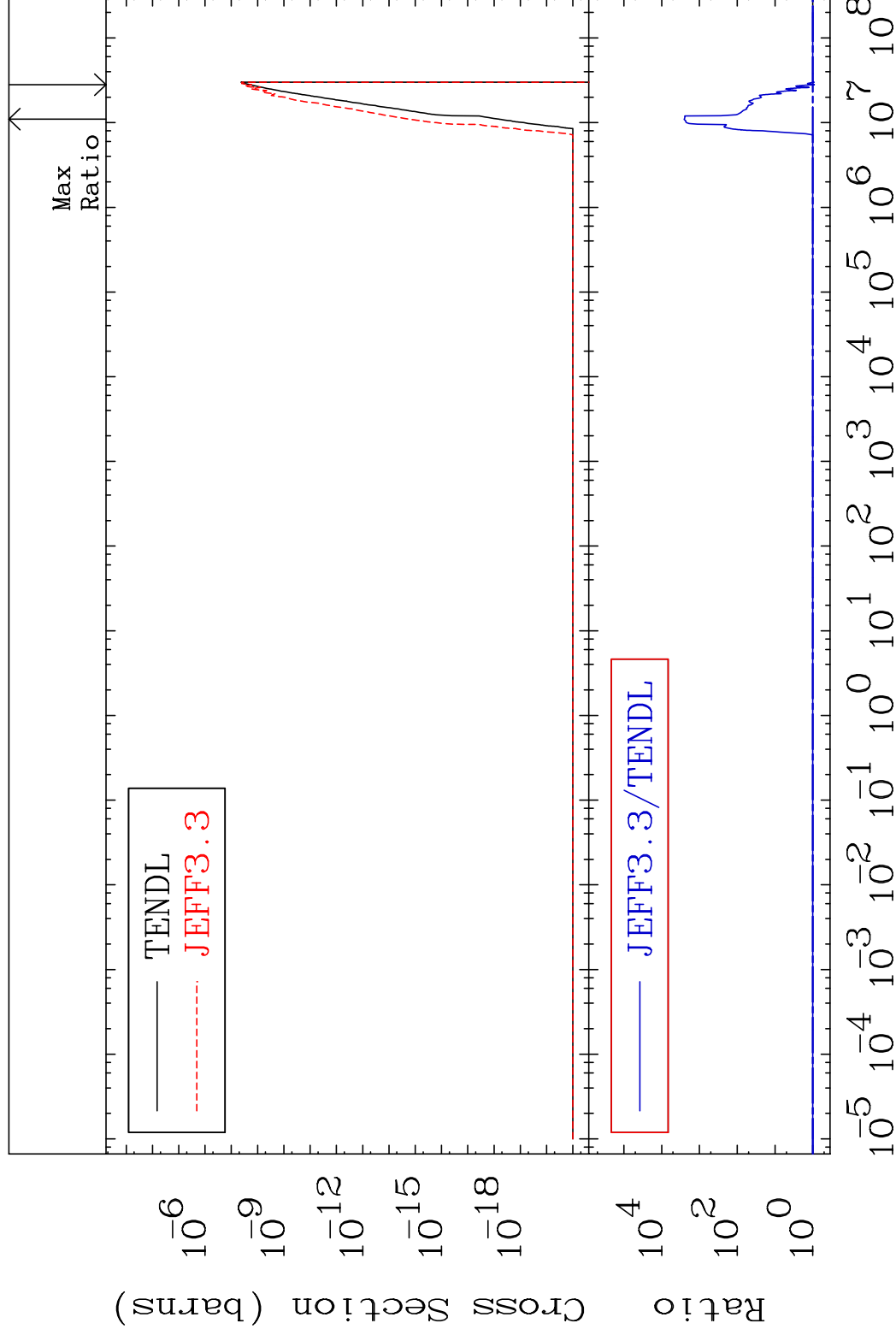


MAT 7525

(n,p) α

75-Re-185

Cross Section -8.541 To 9999. %

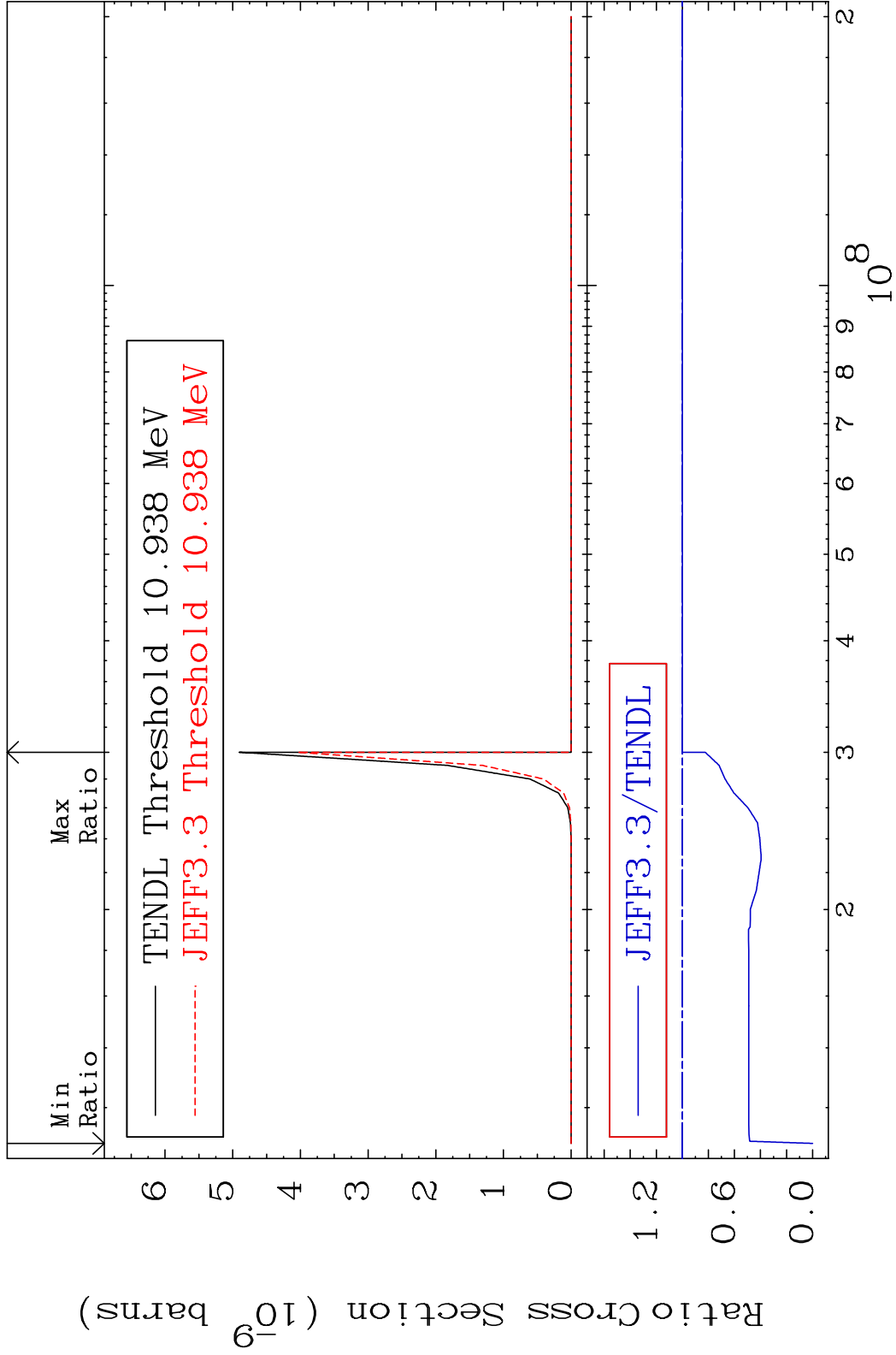


47

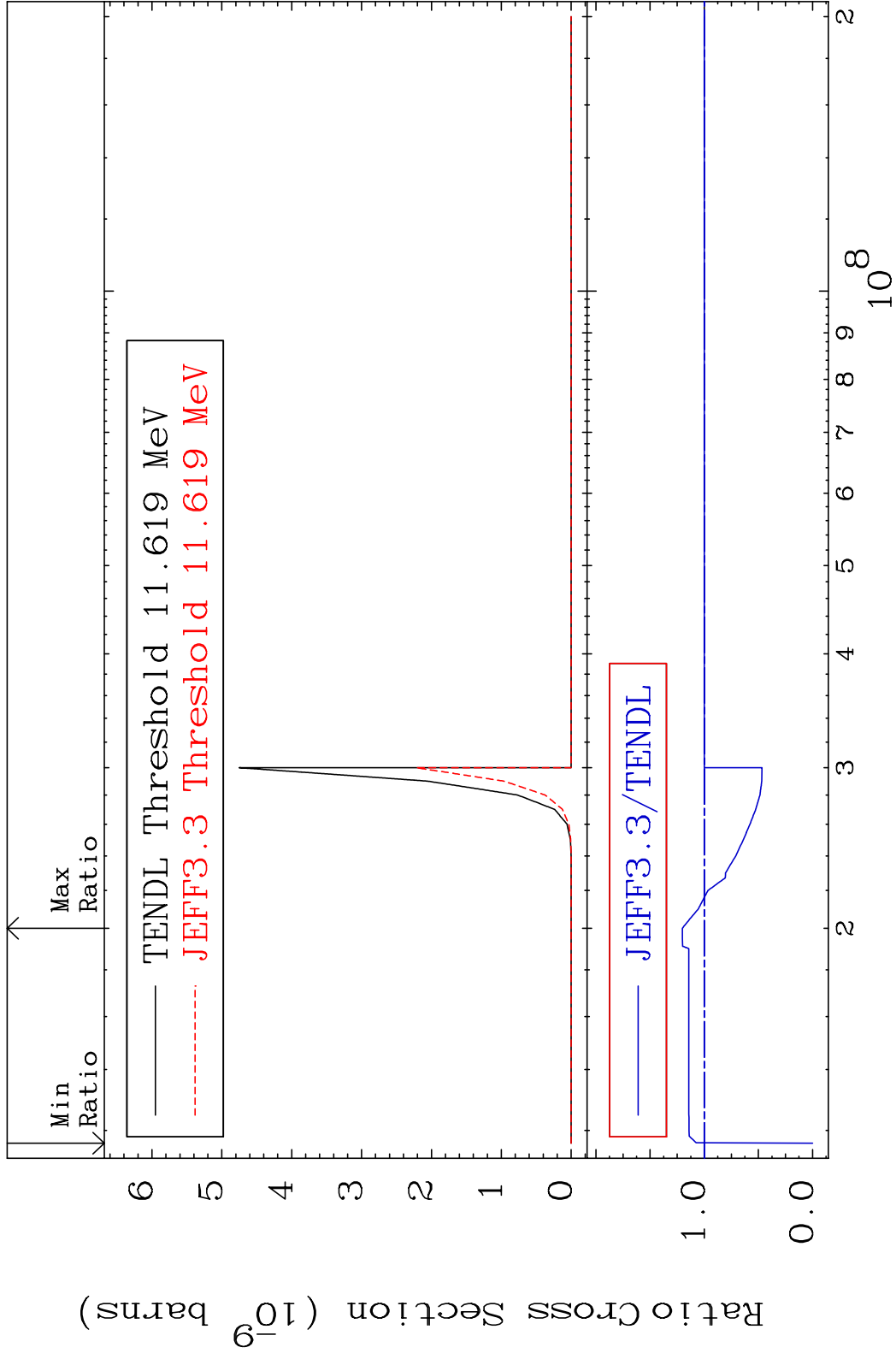
Incident Energy (eV)

75-Re-185

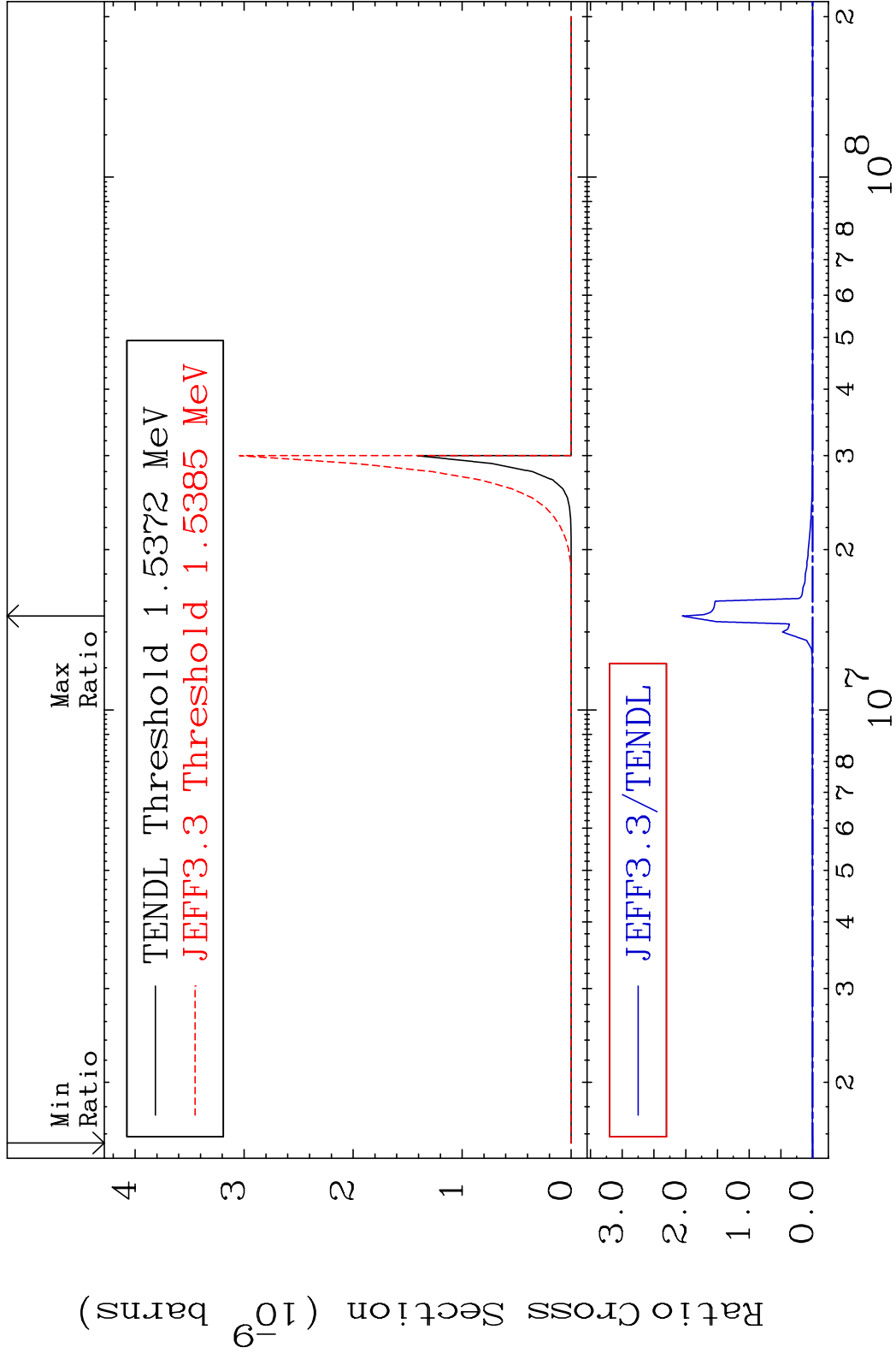
MAT 7525 (n,p) d 75-Re-185
 Cross Section -100.0 To 0.000 %



MAT 7525 (n,p) t 75-Re-185
 Cross Section -100.0 To 20.23 %



MAT 7525 (n,d) α 75-Re-185
 Cross Section -100.0 To 9999. %

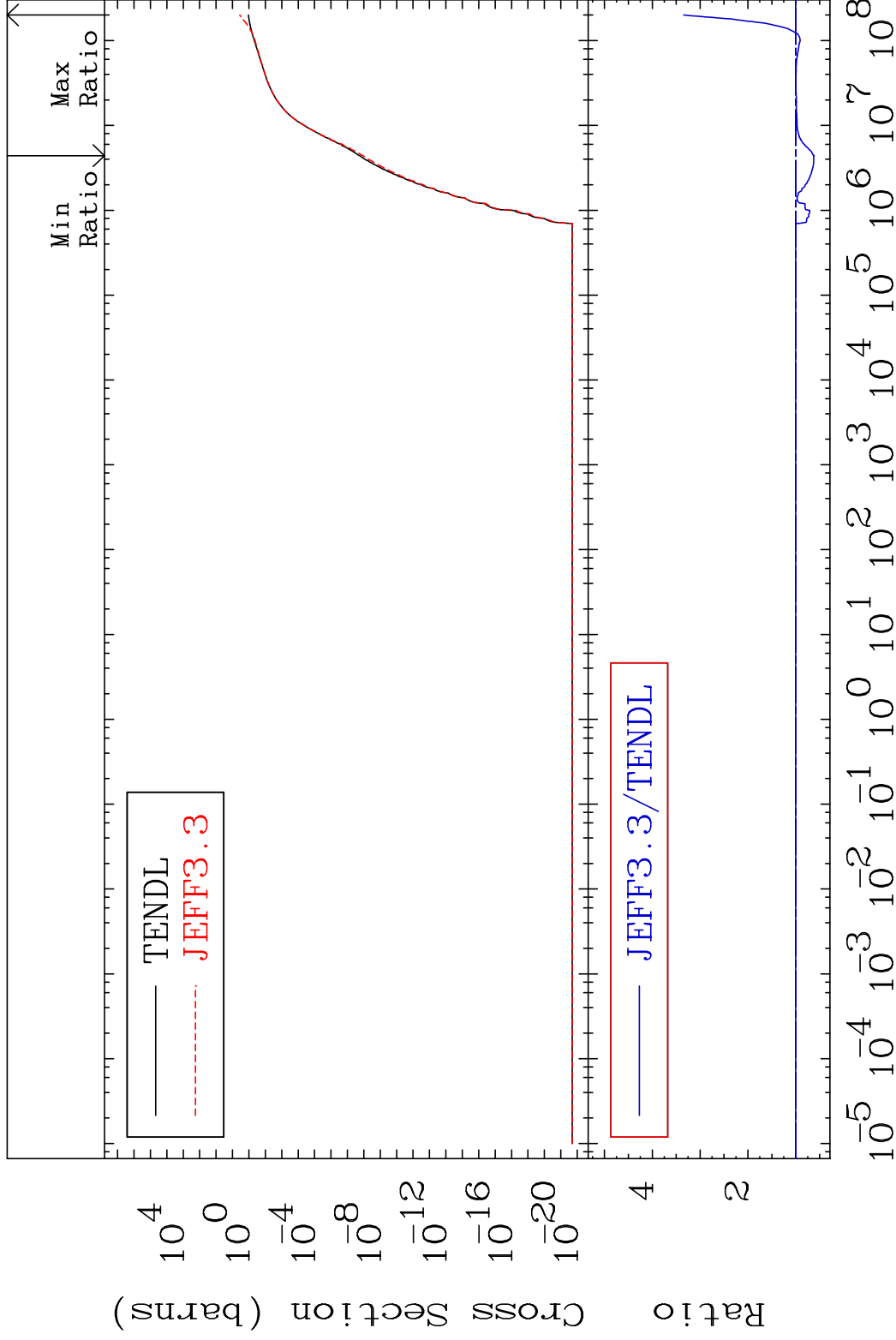


MAT 7525

Hydrogen Production

75-Re-185

Cross Section -38.50 To 234.4 %



51

Incident Energy (eV)

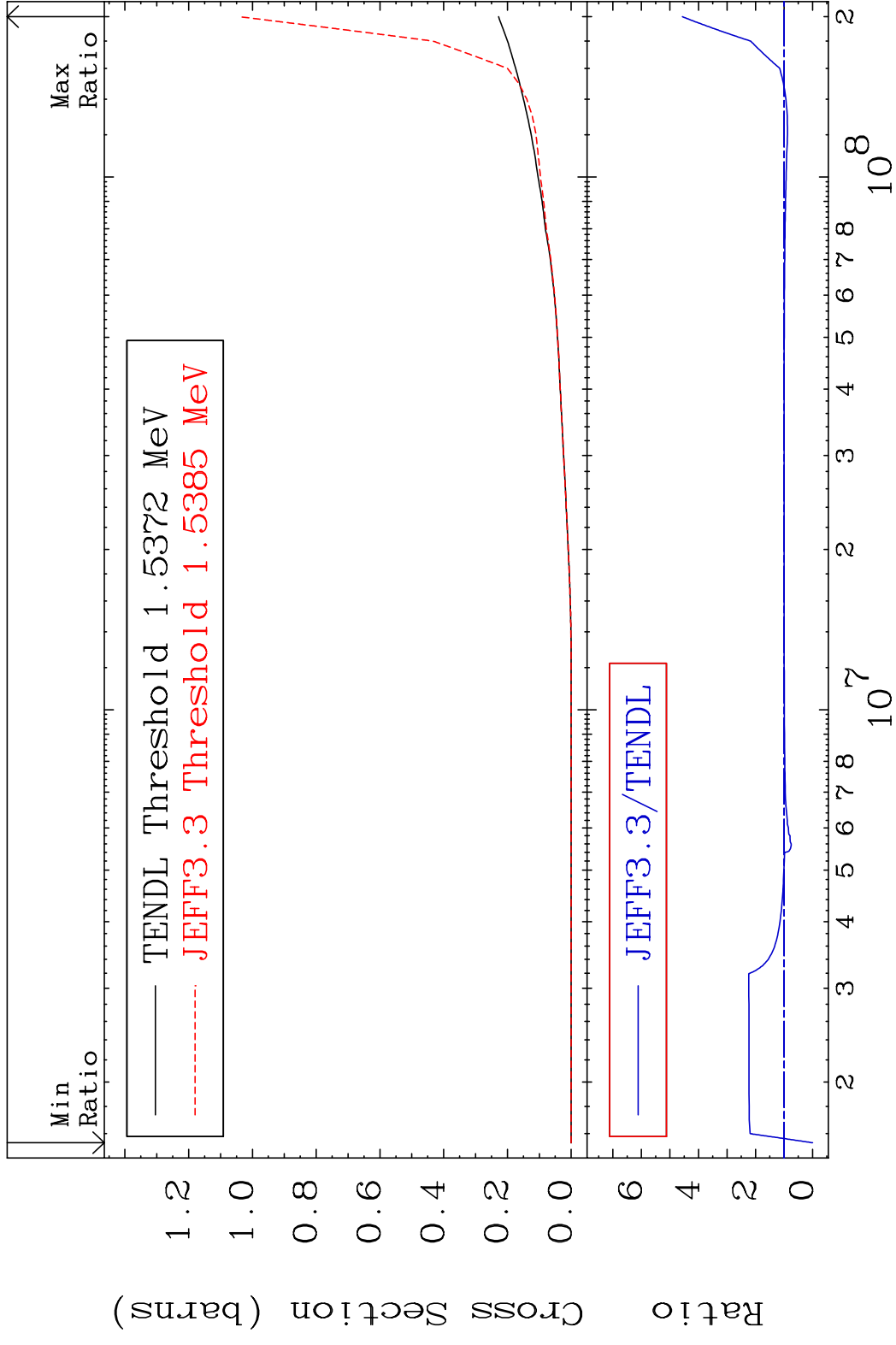
75-Re-185

MAT 7525

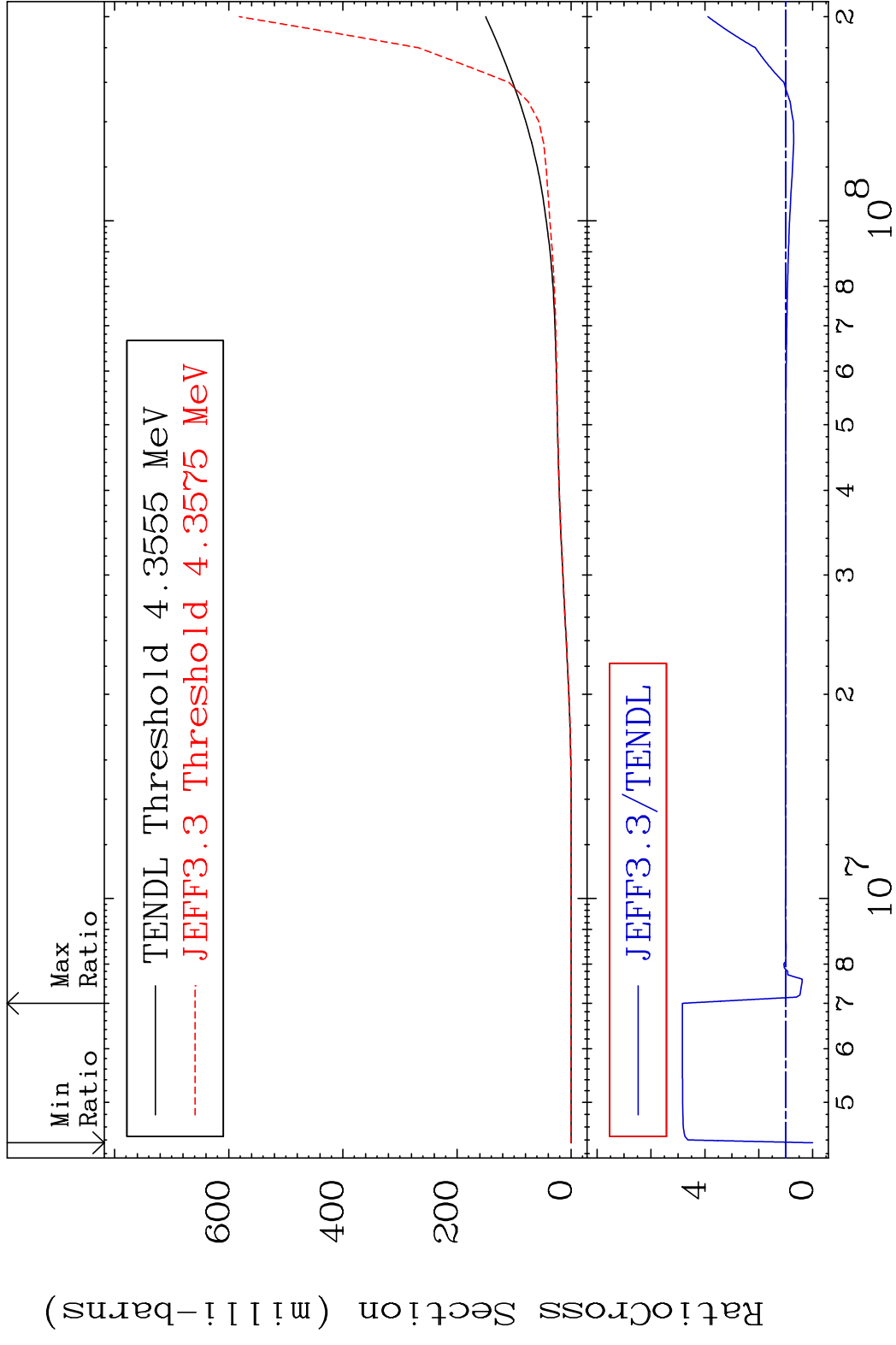
Deuterium Production

75-Re-185

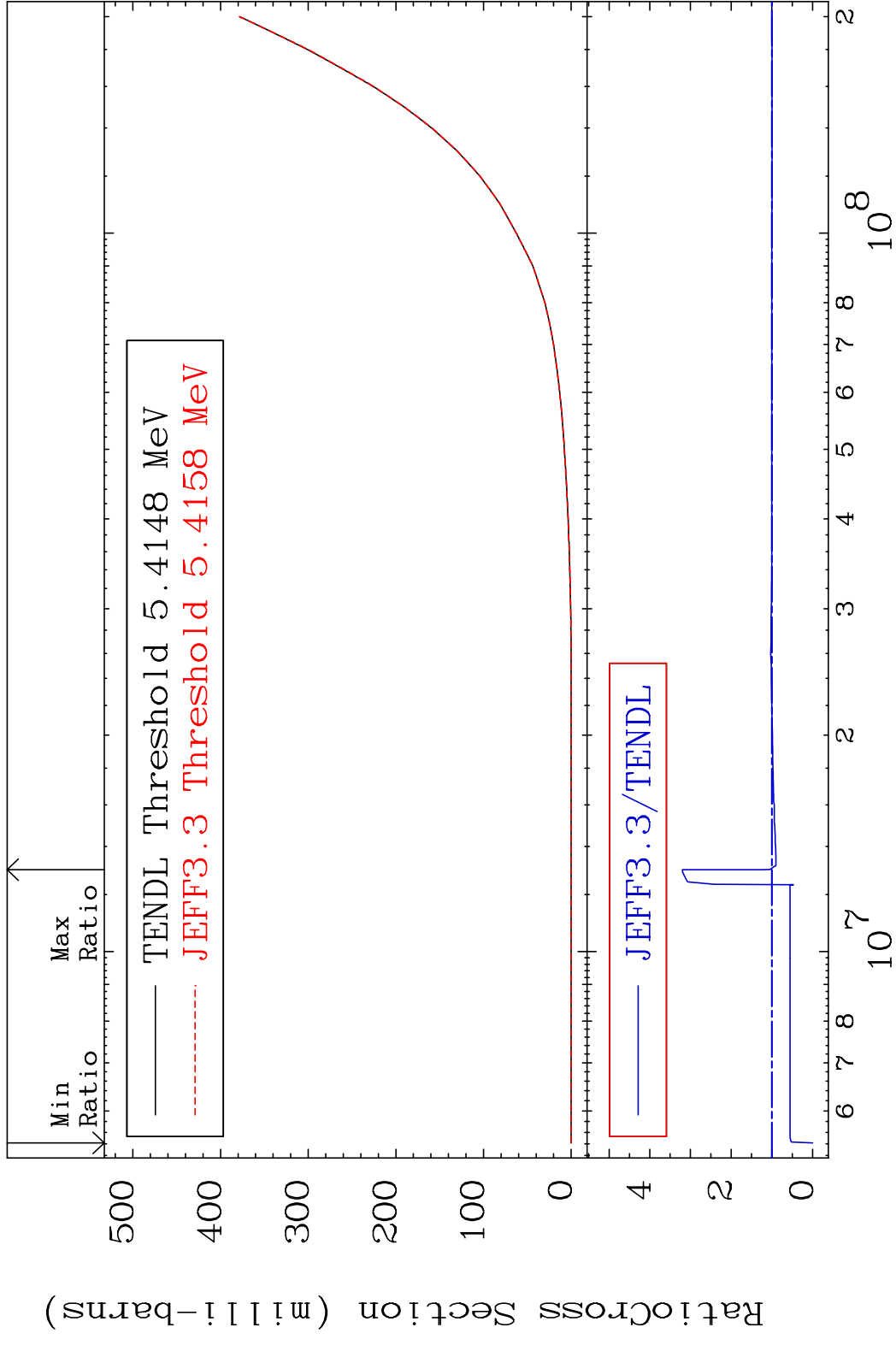
Cross Section -100.0 To 356.5 %



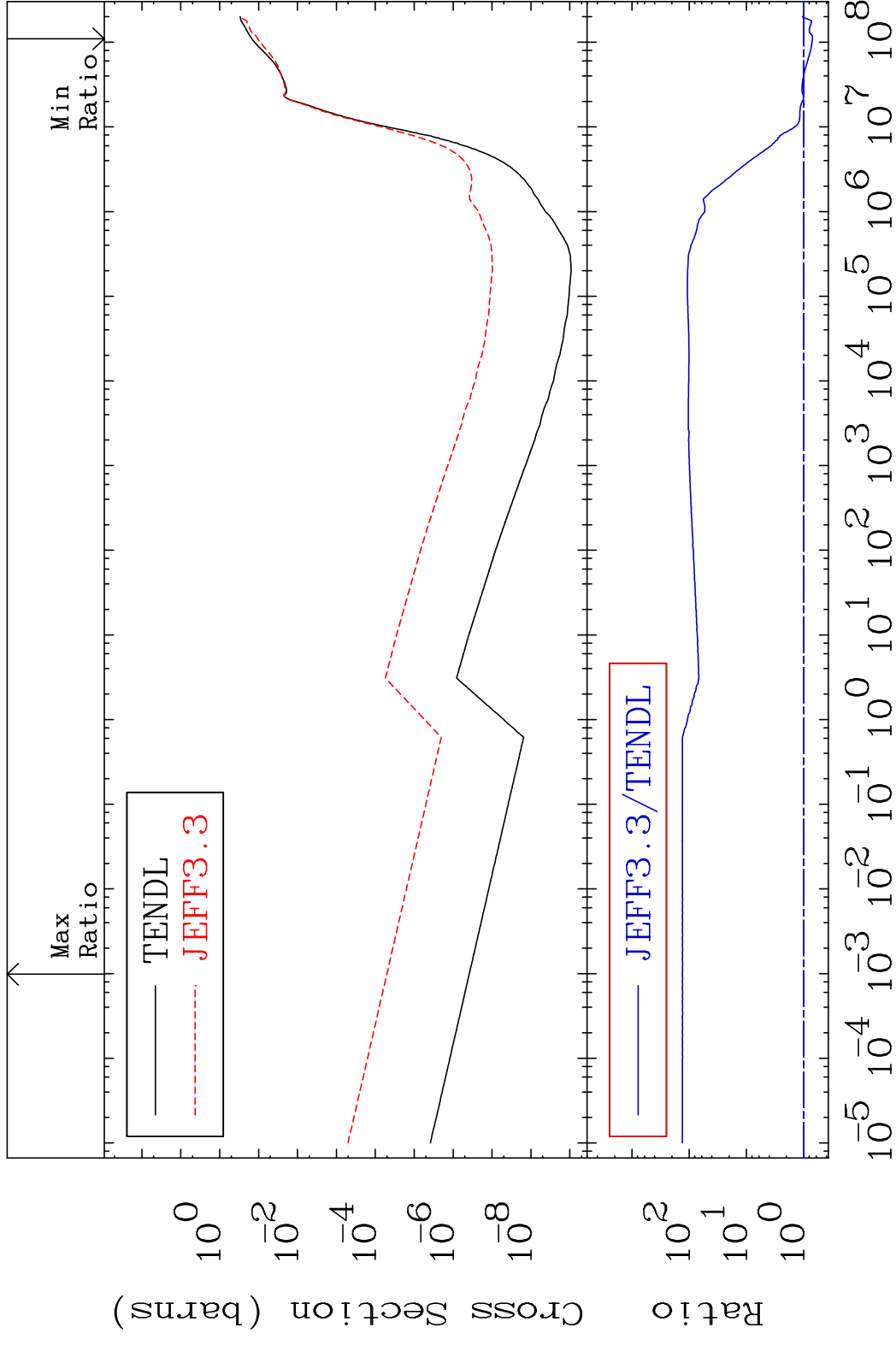
MAT 7525 Tritium Production 75-Re-185
 Cross Section -100.0 To 383.6 %



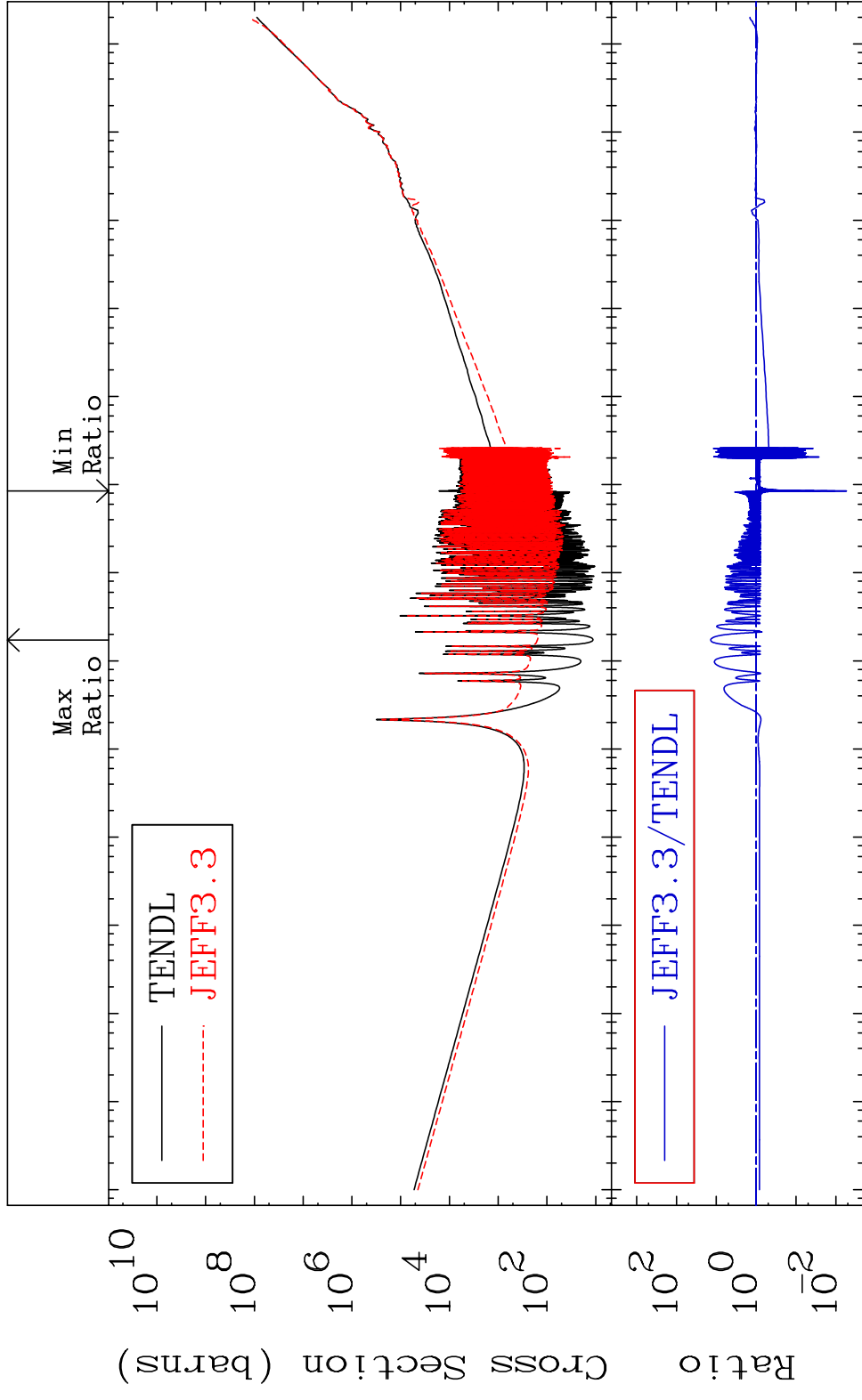
MAT 7525 He-3 Production 75-Re-185
 Cross Section -100.0 To 220.0 %



MAT 7525 He-4 Production 75-Re-185
 Cross Section -30.14 To 9999. %



MAT 7525 Kerma total (eV-barns) 75-Re-185
 Cross Section -99.45 To 1281. %

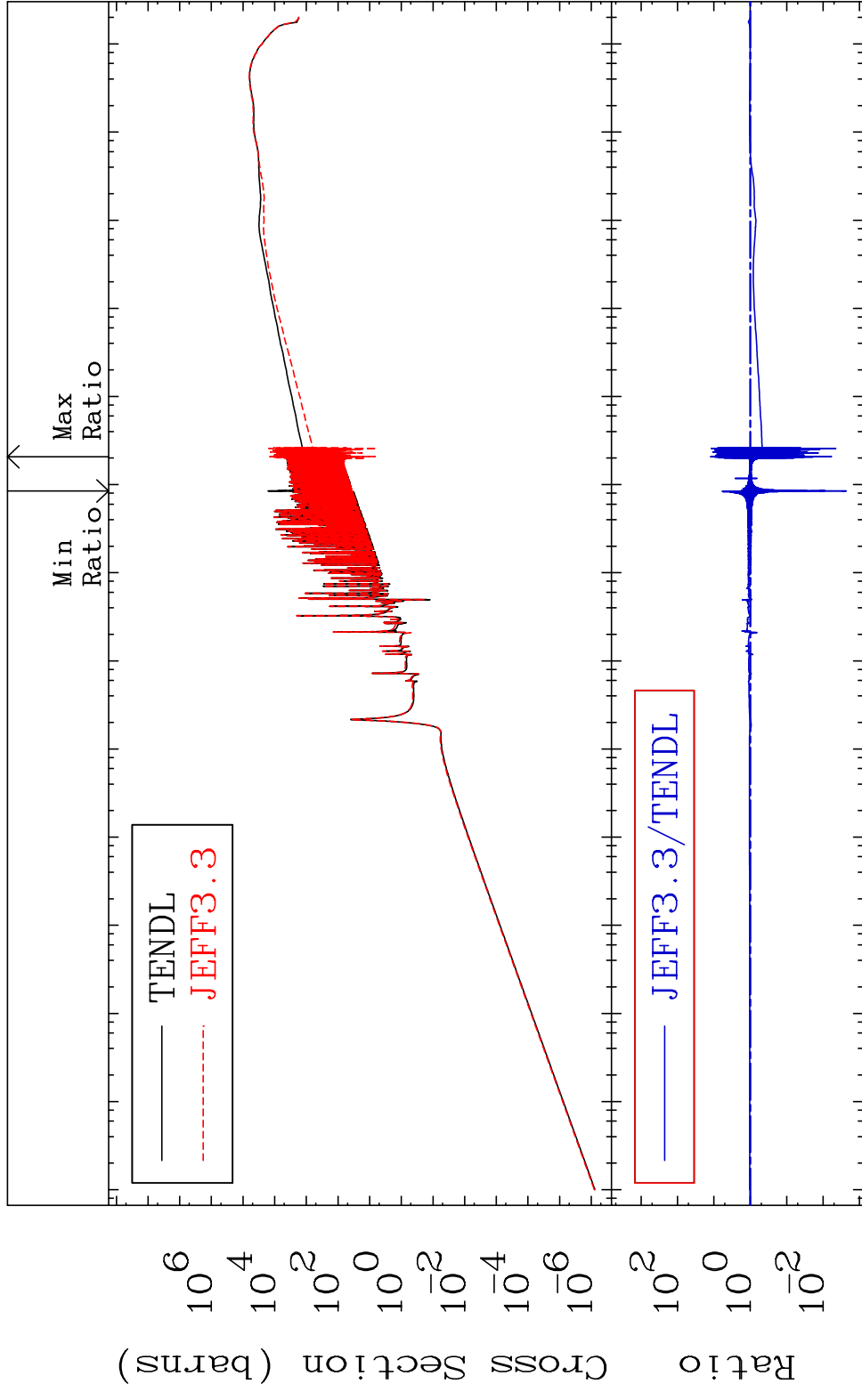


56 Incident Energy (eV) 75-Re-185

MAT 7525

Kerma elastic
Cross Section

75-Re-185
-99.777 To 1126. %

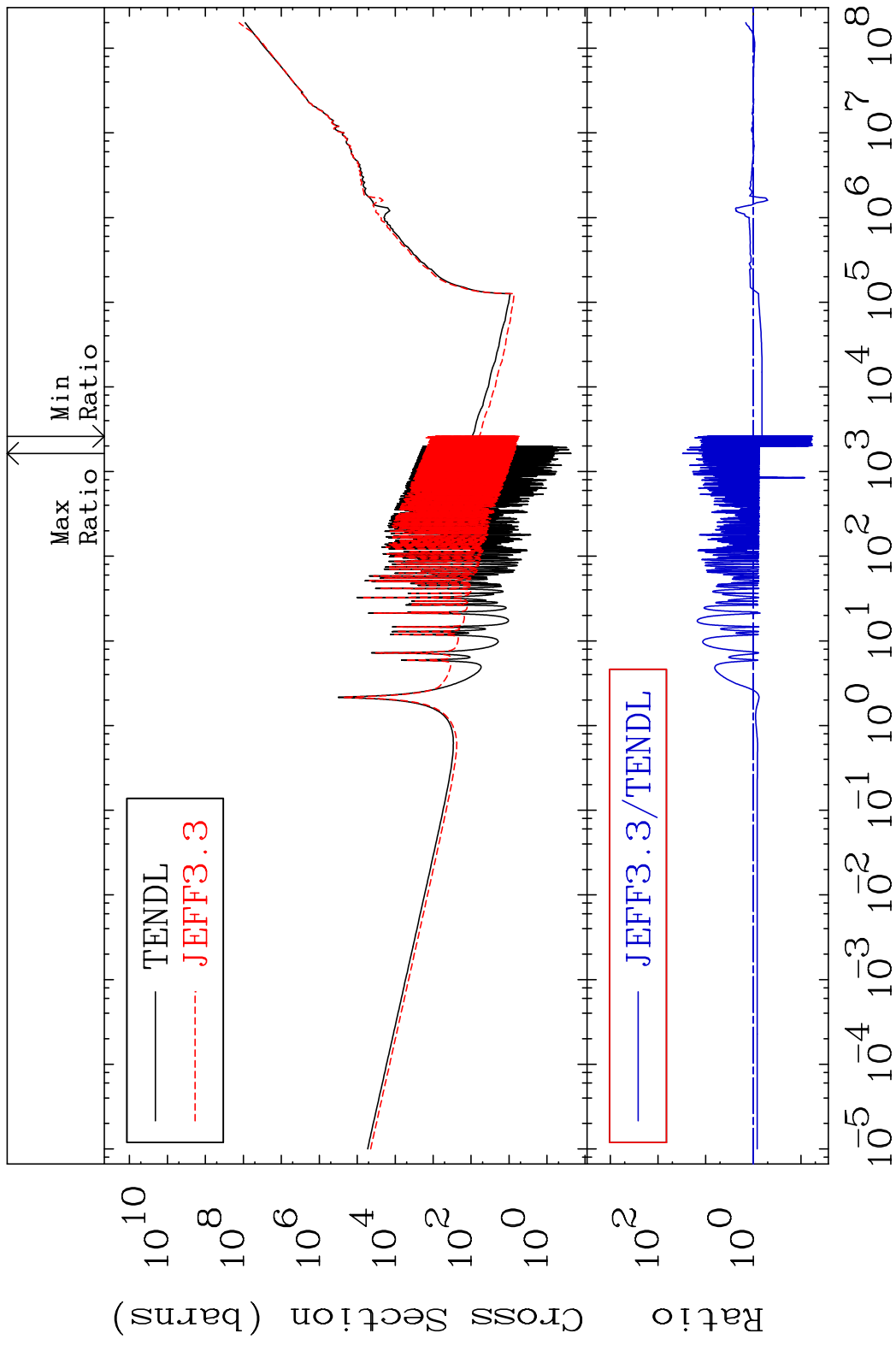


57

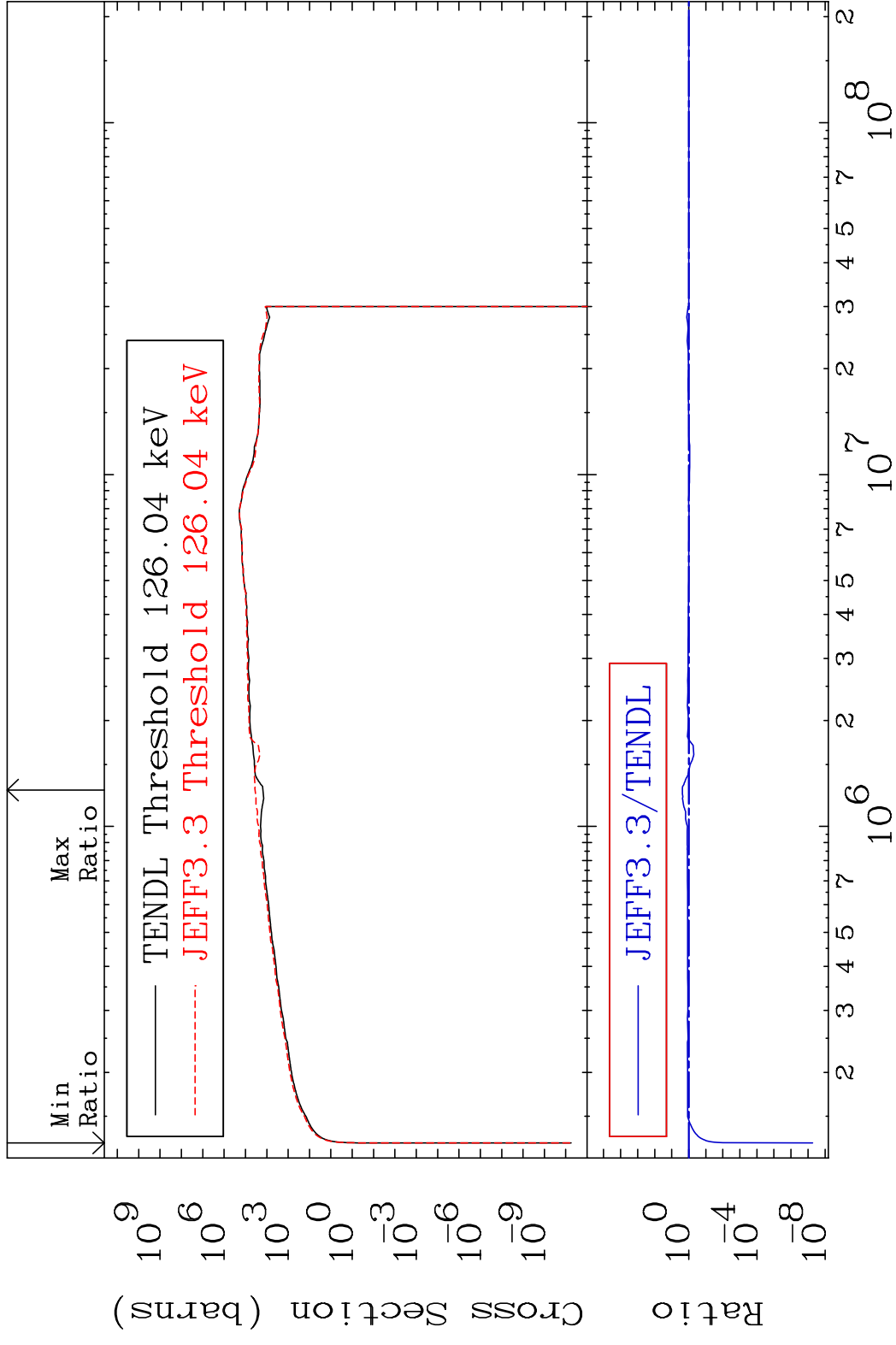
Incident Energy (eV)

75-Re-185

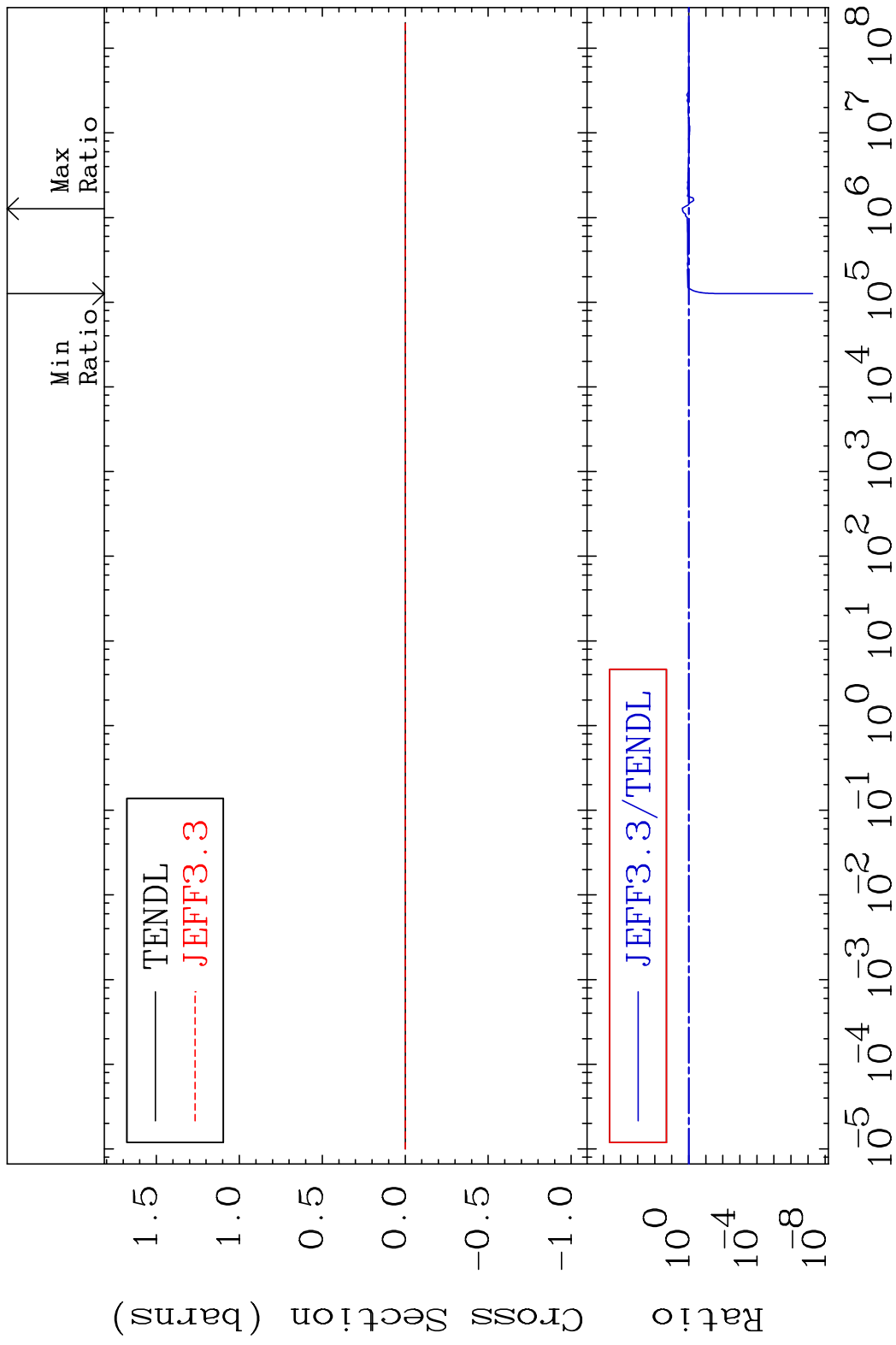
MAT 7525 Kerma non-elastic (all but mt2) 75-Re-185
 Cross Section -94.28 To 2988. %



MAT 7525 Kerma inelastic (mt51-91) 75-Re-185
 Cross Section -100.0 To 137.5 %

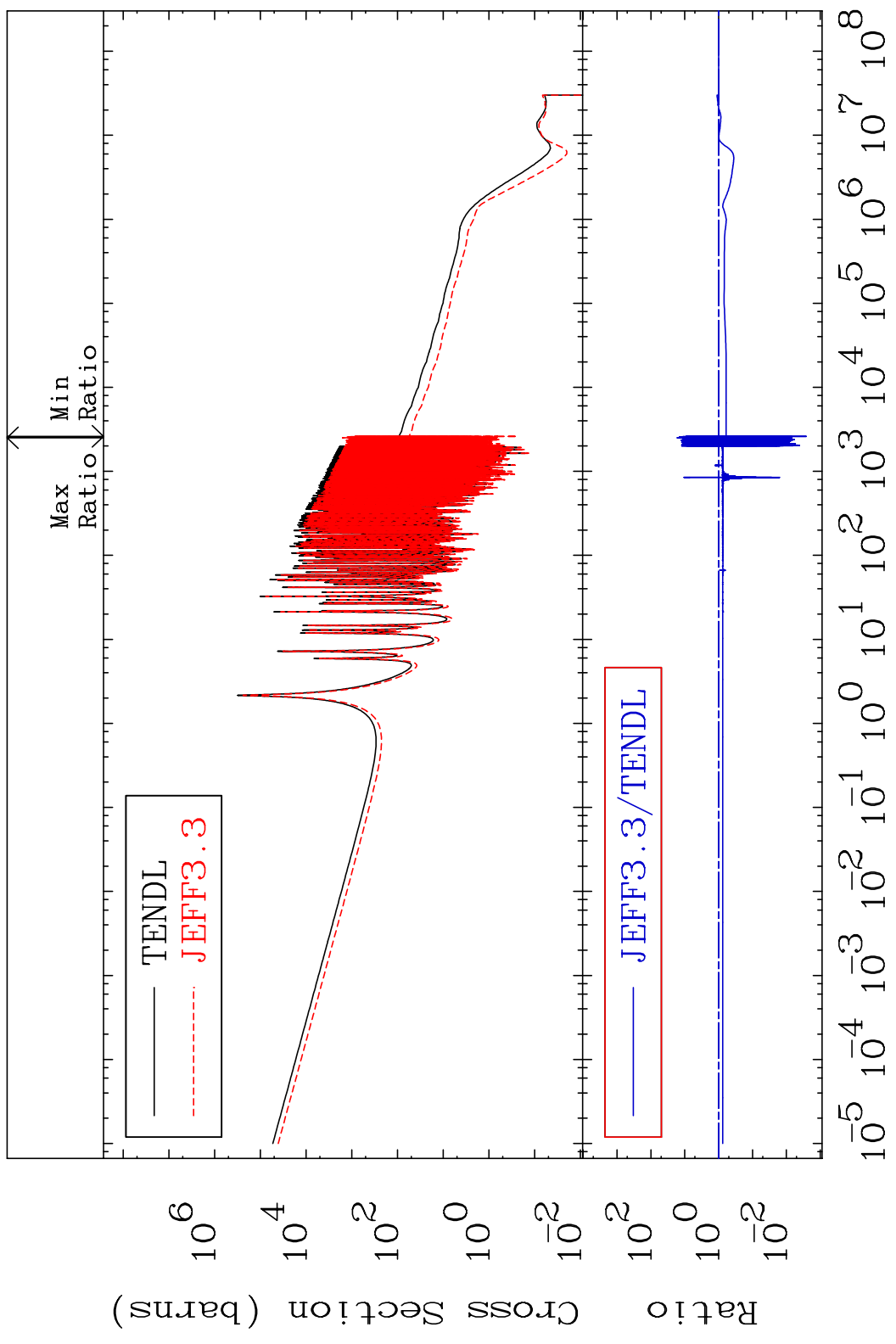


MAT 7525 Kerma fission (mt18 or mt19-20-21-38)75-Re-185
 Cross Section -100.0 To 137.5 %



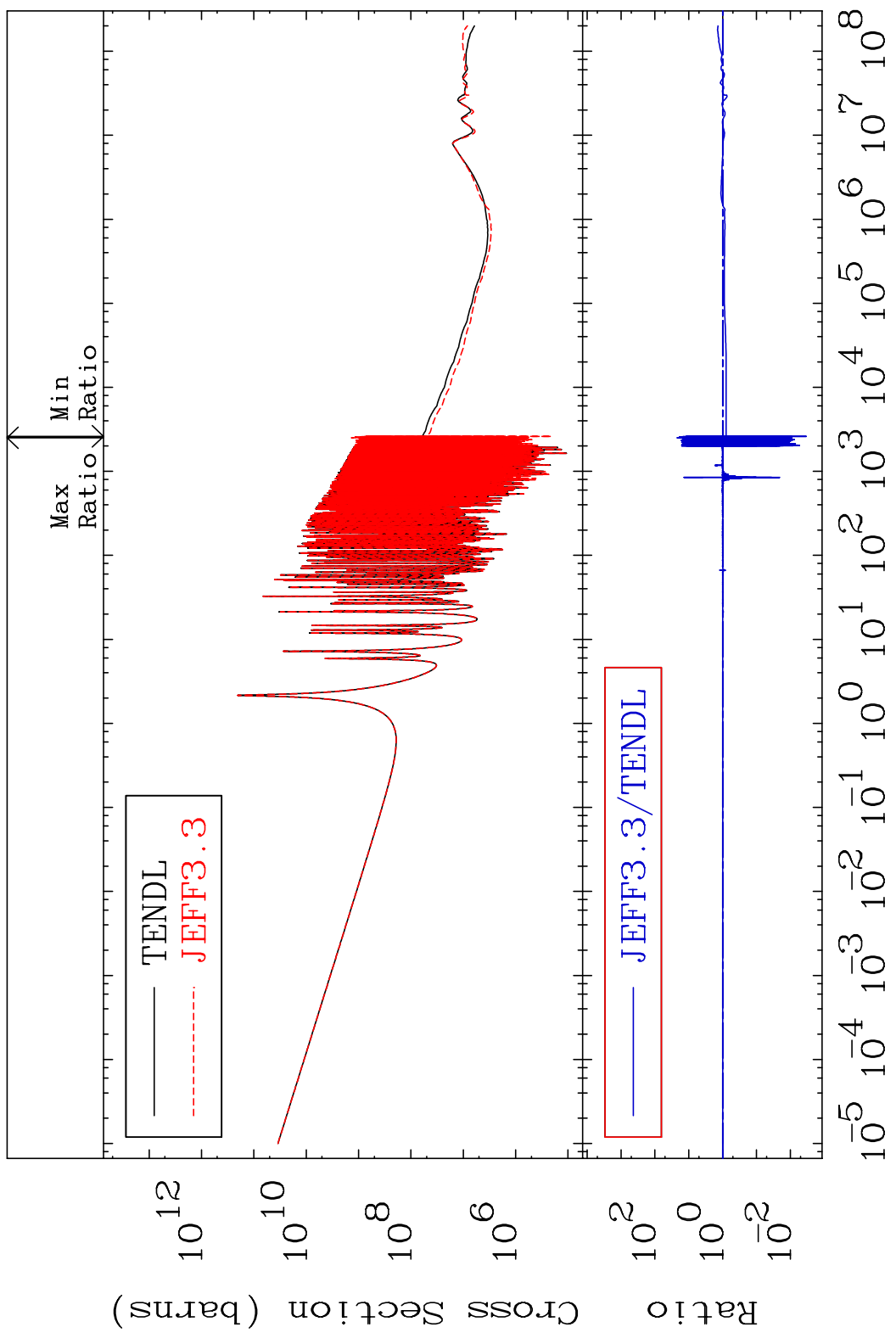
MAT 7525

Kerma capture (mt102) 75-Re-185
Cross Section -99.74 To 1576. %



MAT 7525

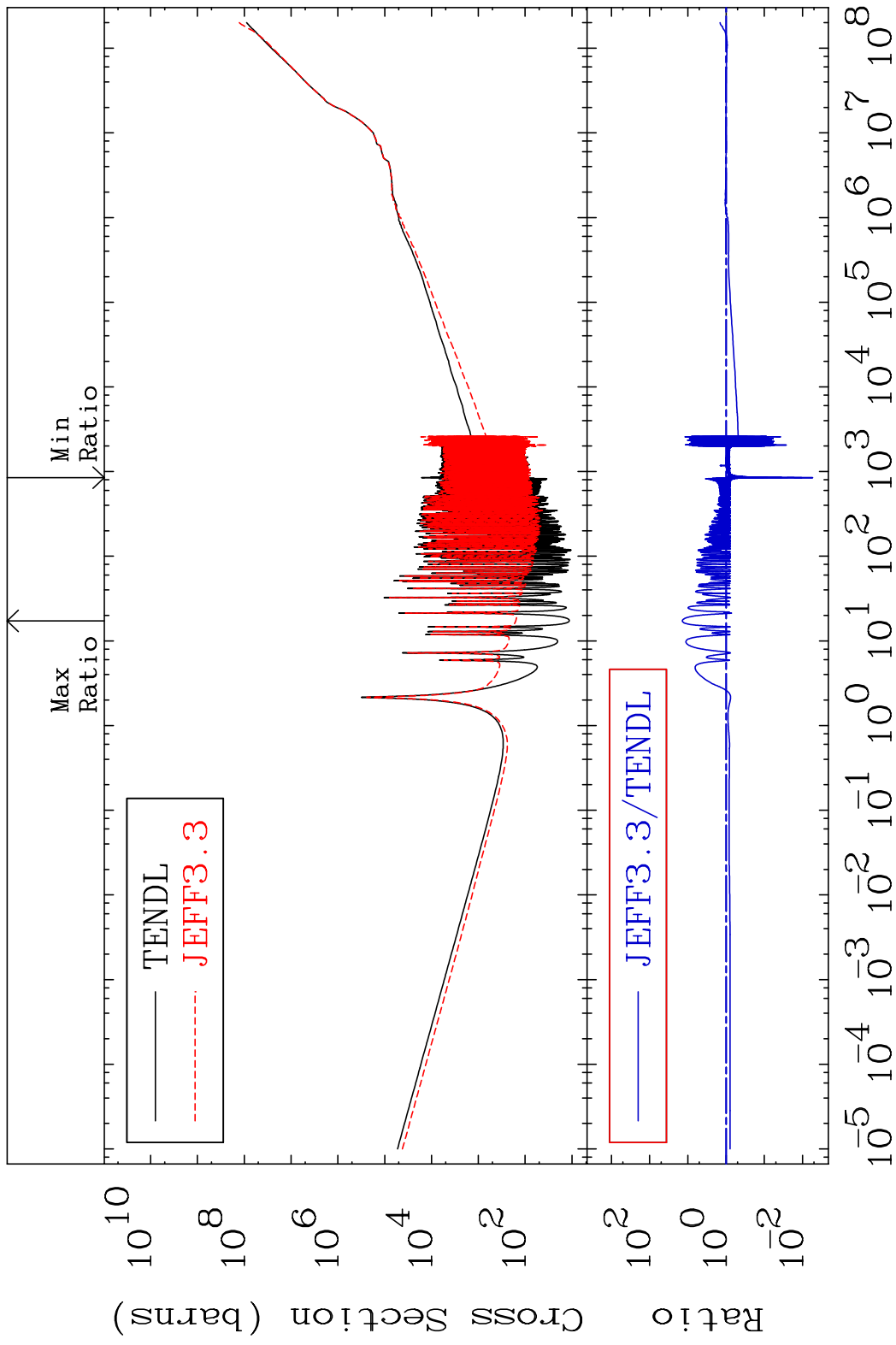
Total photon (eV-barns) 75-Re-185
Cross Section -99.66 To 2099. %



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Incident Energy (eV) 75-Re-185

MAT 7525 Total kinematic kerma (high limit) 75-Re-185
 Cross Section -99.45 To 1291. %

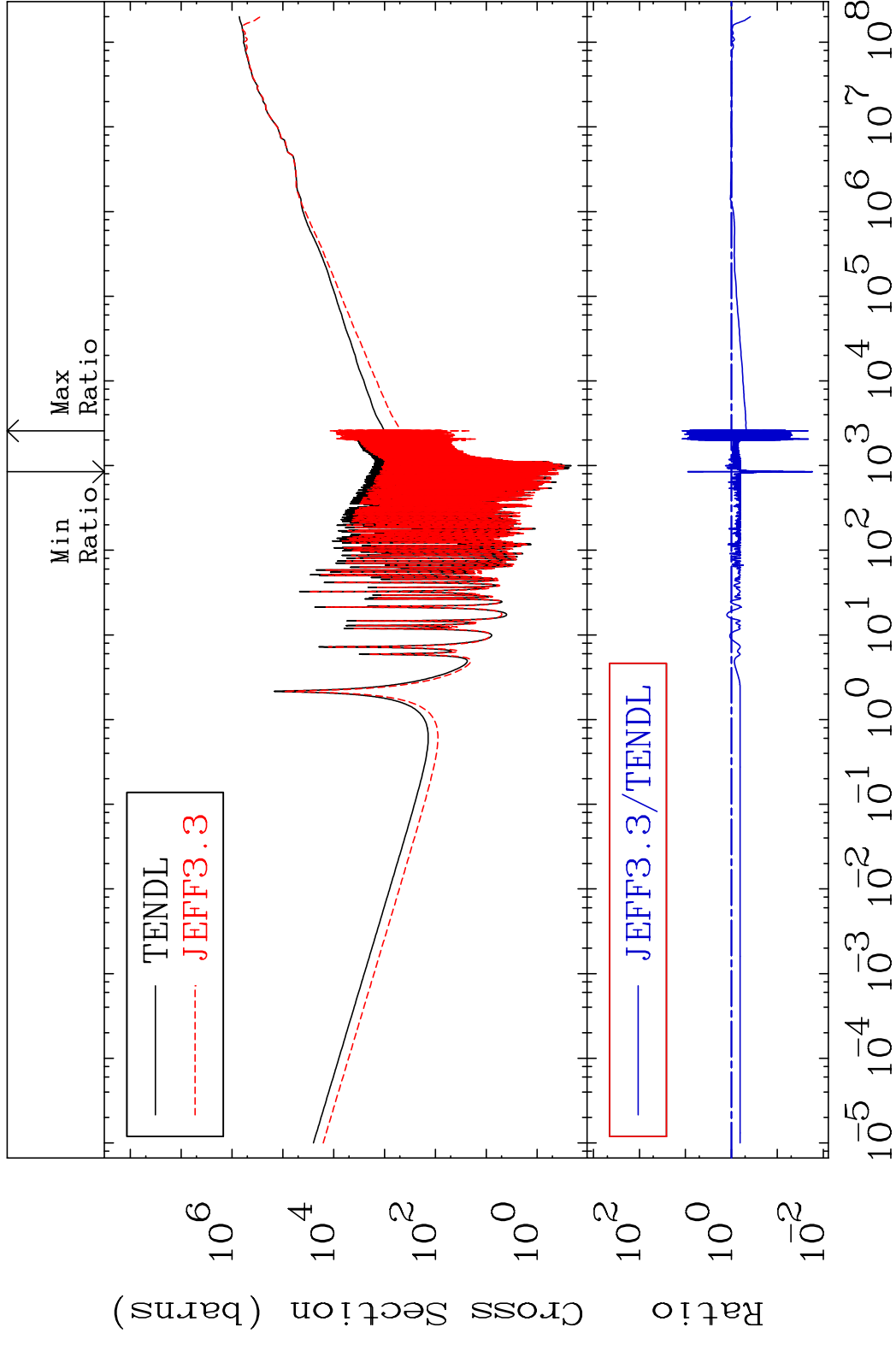


MAT 7525

Dpa total (eV-barns)

75-Re-185

Cross Section -98.29 To 1065. %



64

Incident Energy (eV)

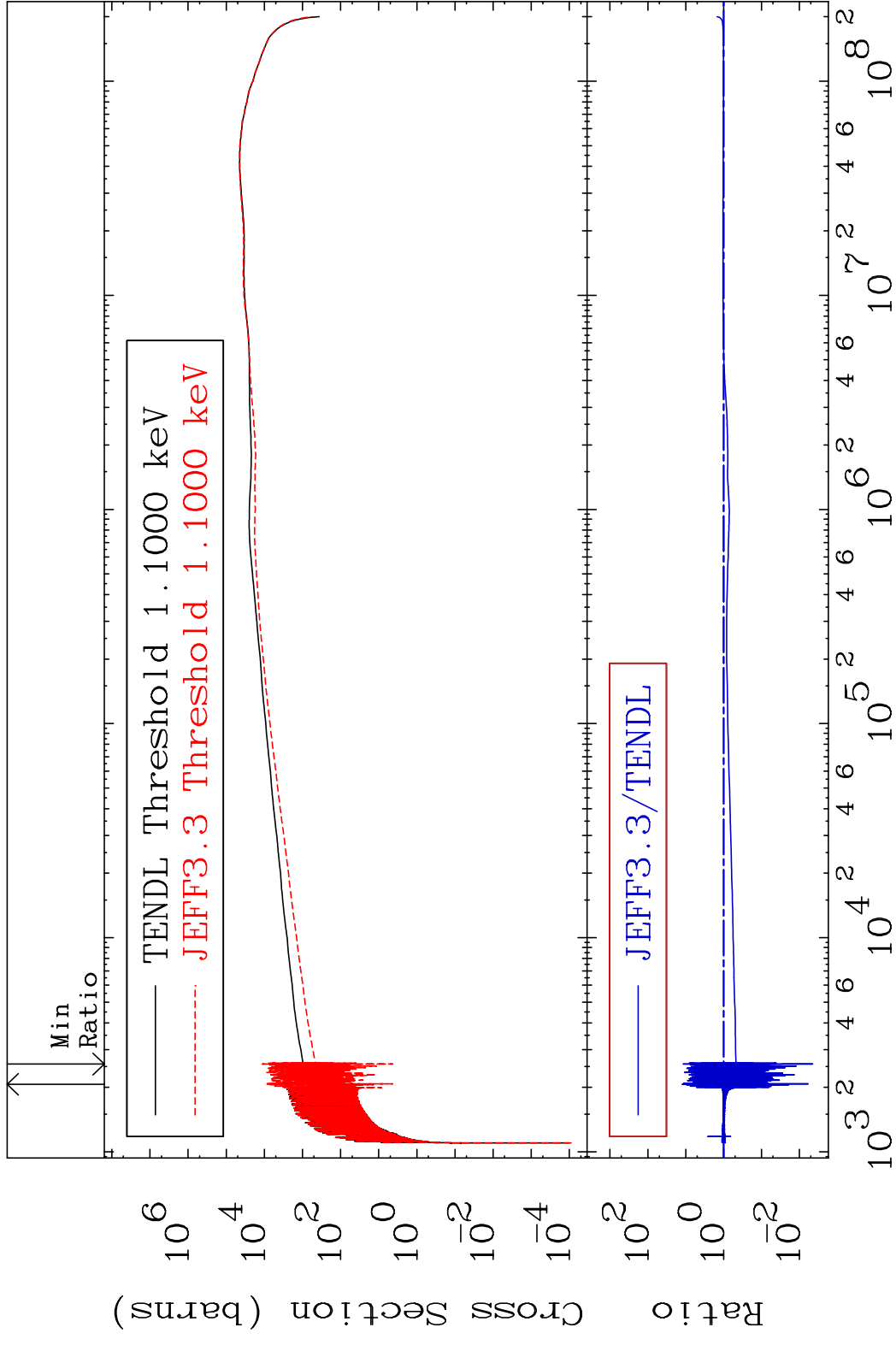
75-Re-185

MAT 7525

Dpa elastic (mt2)

75-Re-185

Cross Section -99.55 To 1127. %

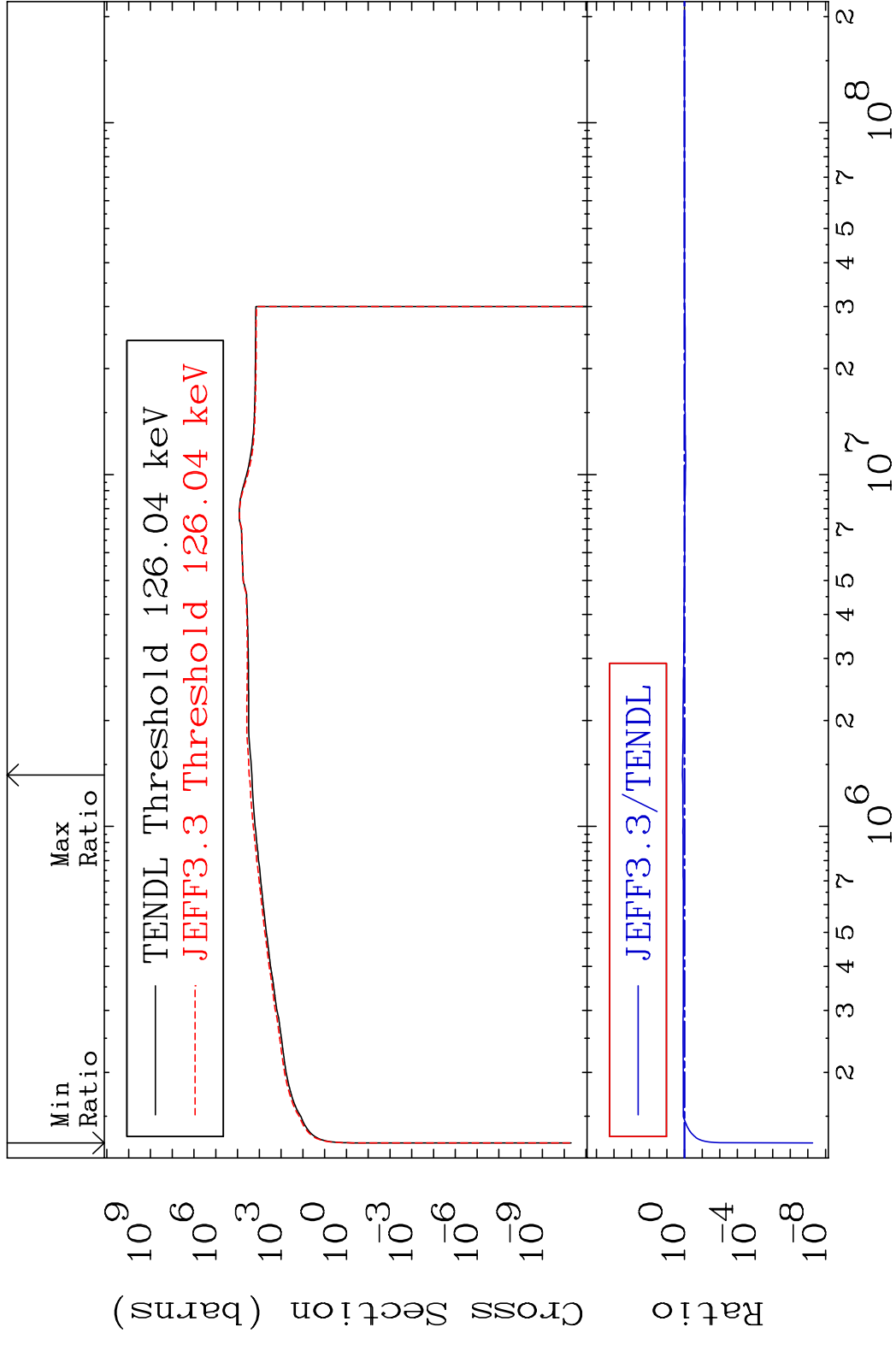


65

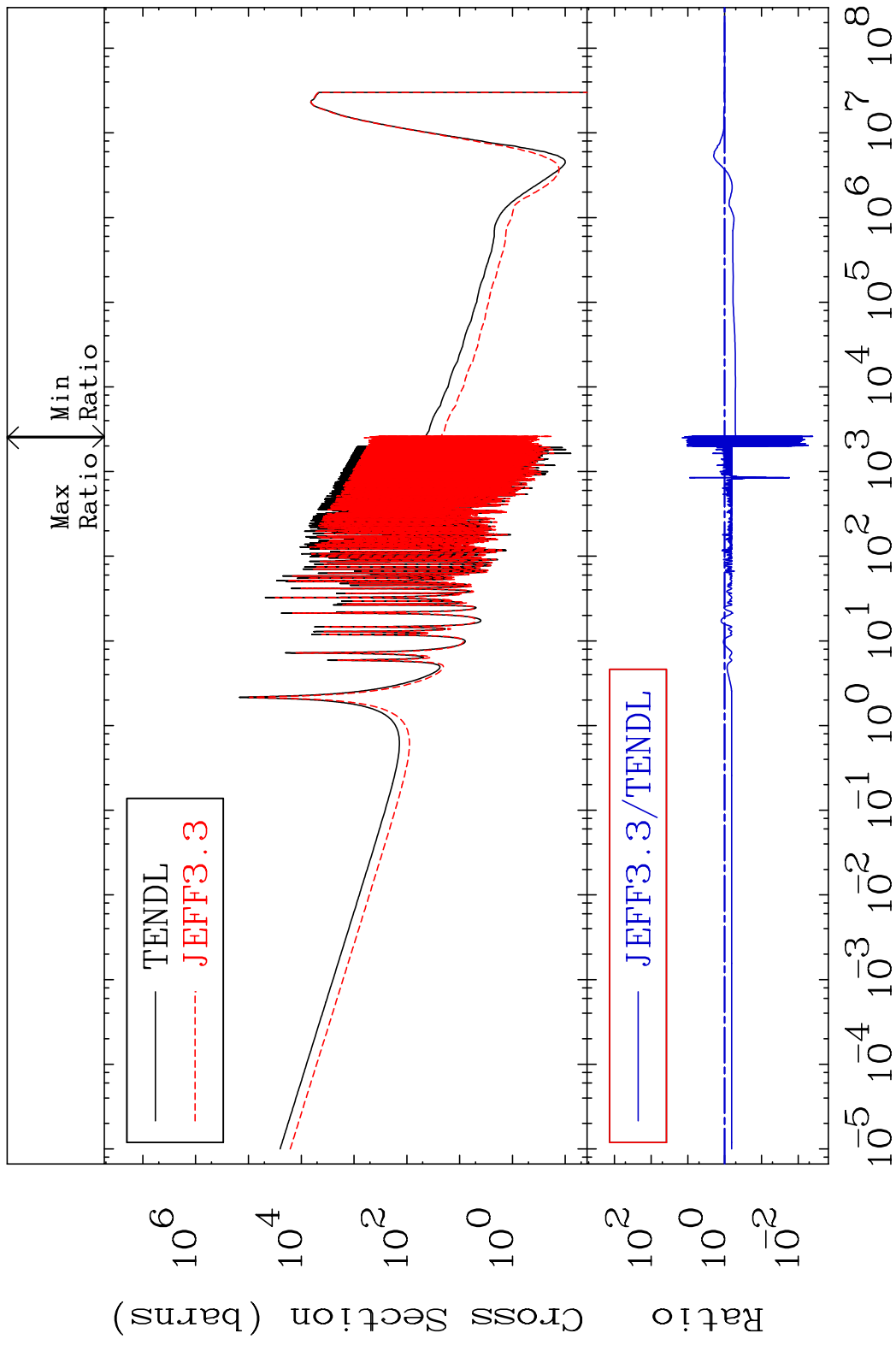
Incident Energy (eV)

75-Re-185

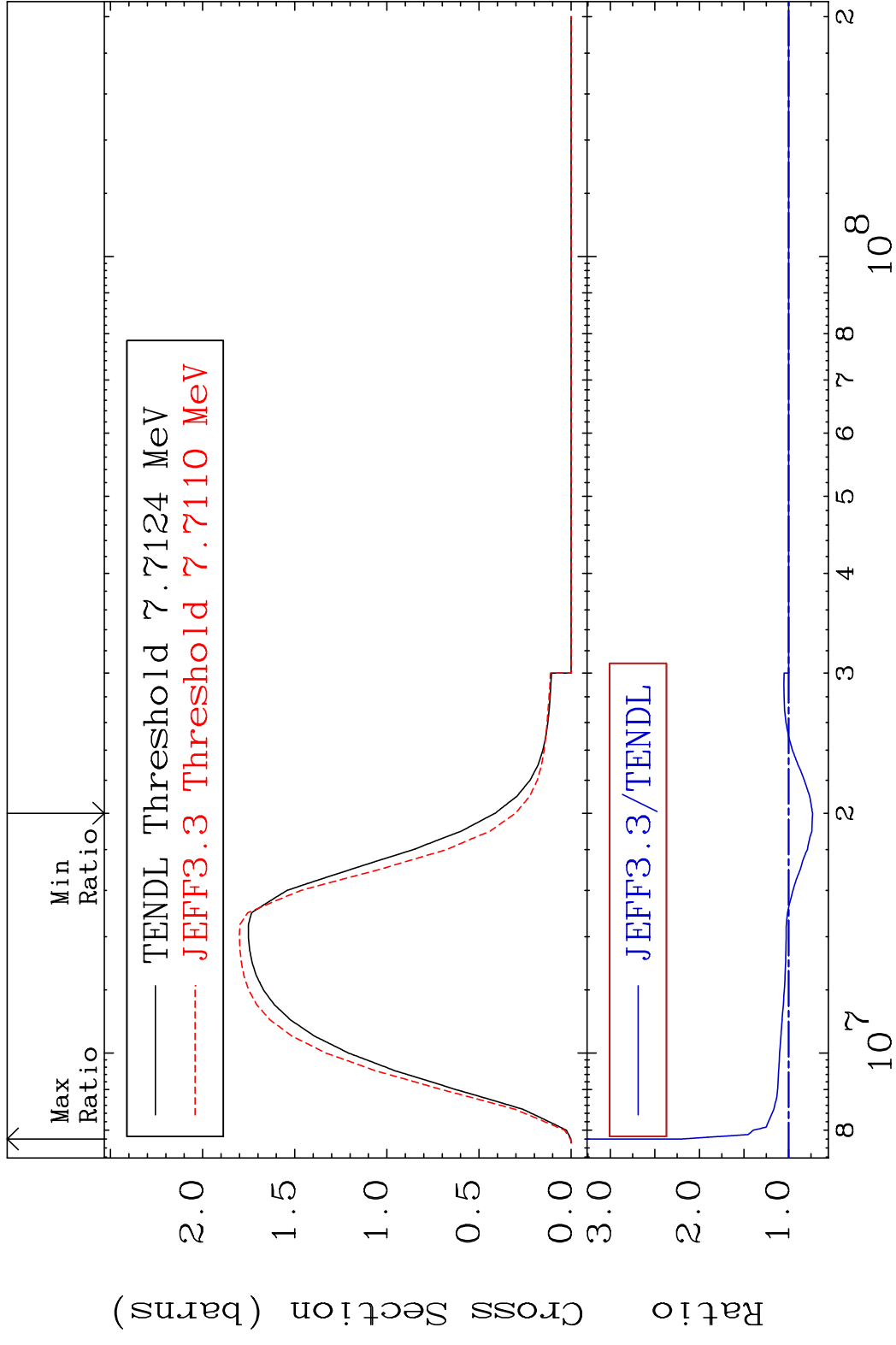
MAT 7525 Dpa inelastic (mt51-91) 75-Re-185
 Cross Section -100.0 To 32.82 %

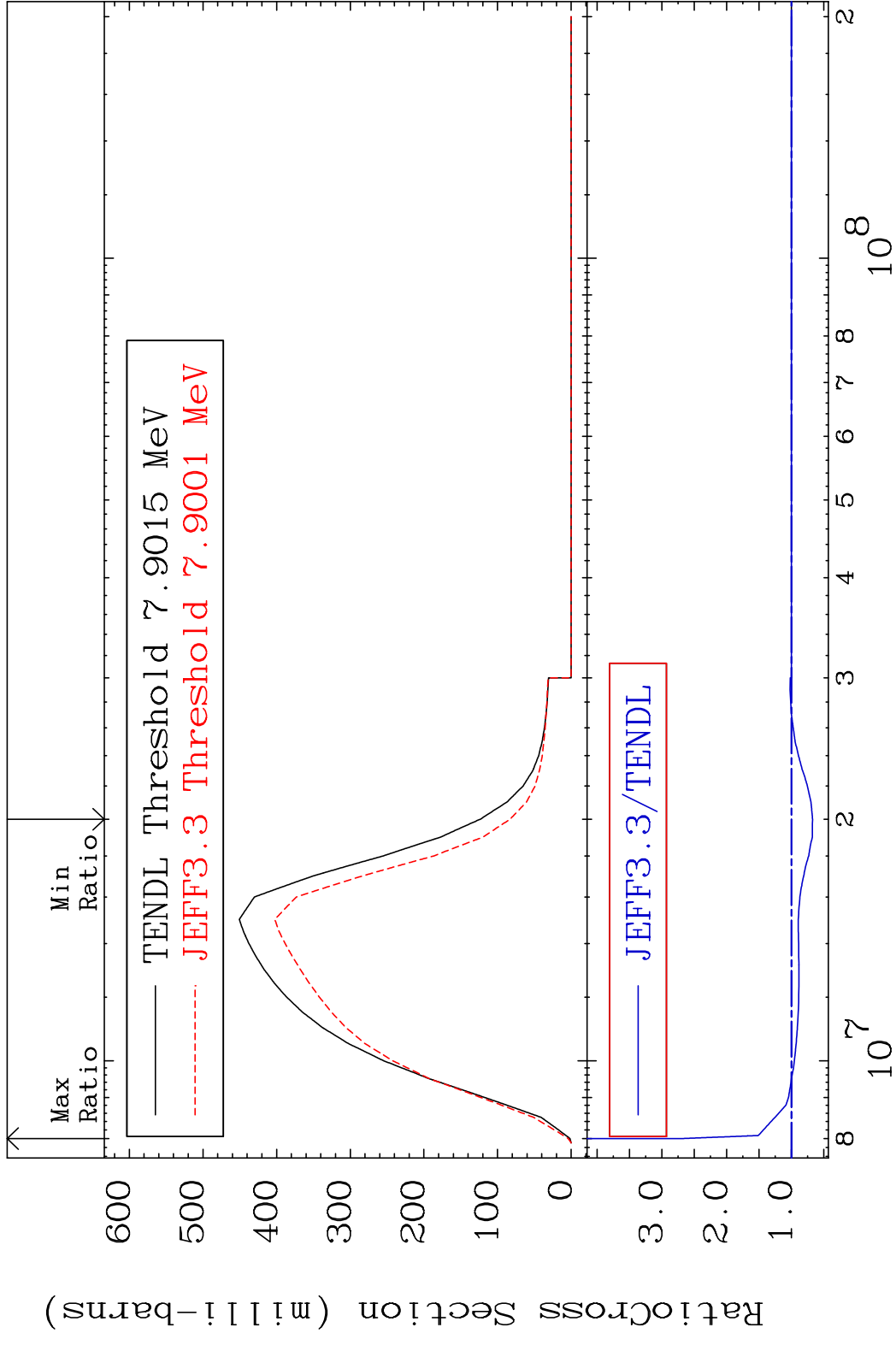


MAT 7525 Dpa disappearance (mt102 -120) 75-Re-185
 Cross Section -99.59 To 1316. %

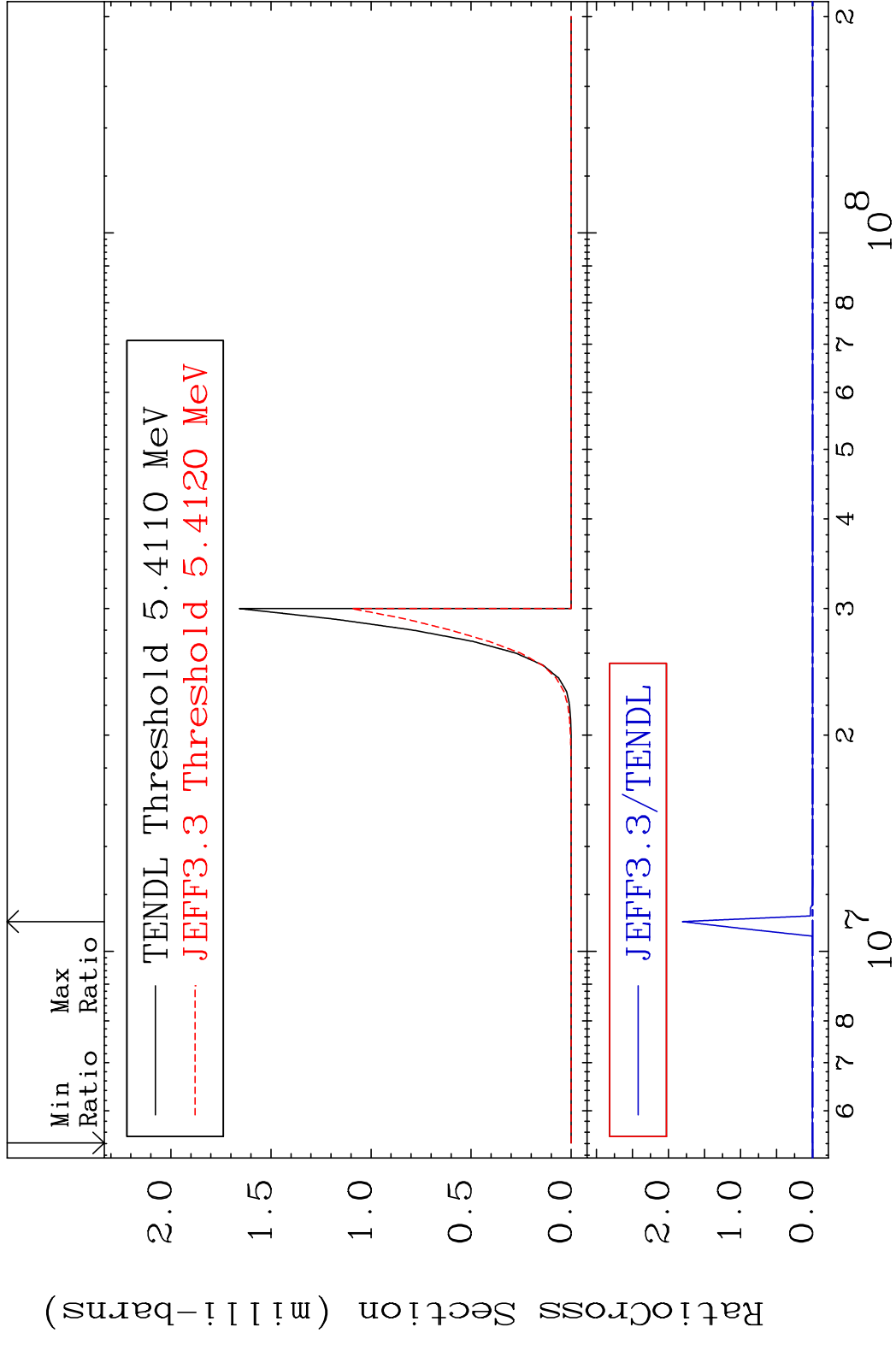


MAT 7525 (n,2n):75-Re-184g 75-Re-185
 Radionuclide Production Cross Section 119.2 %

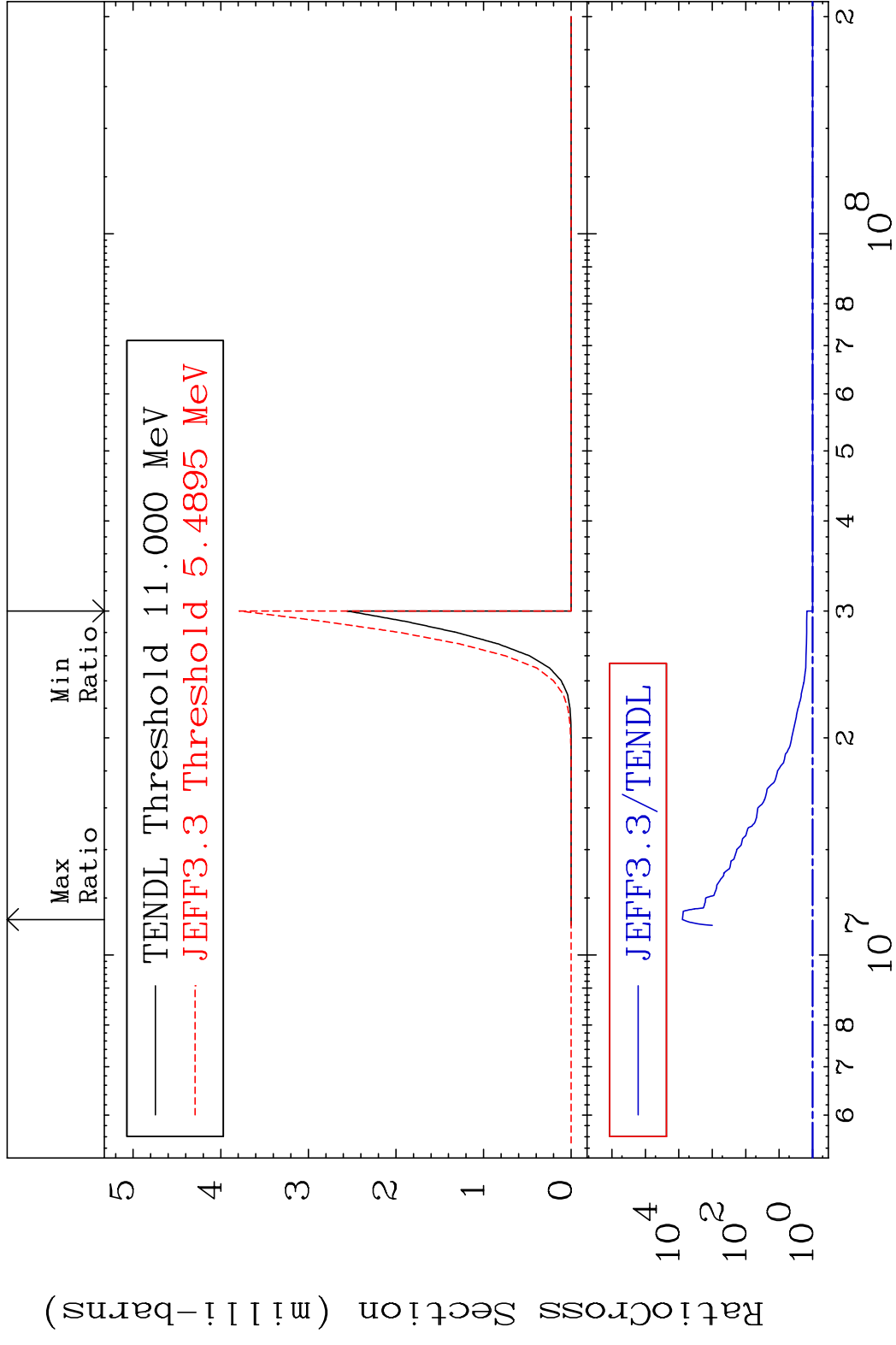




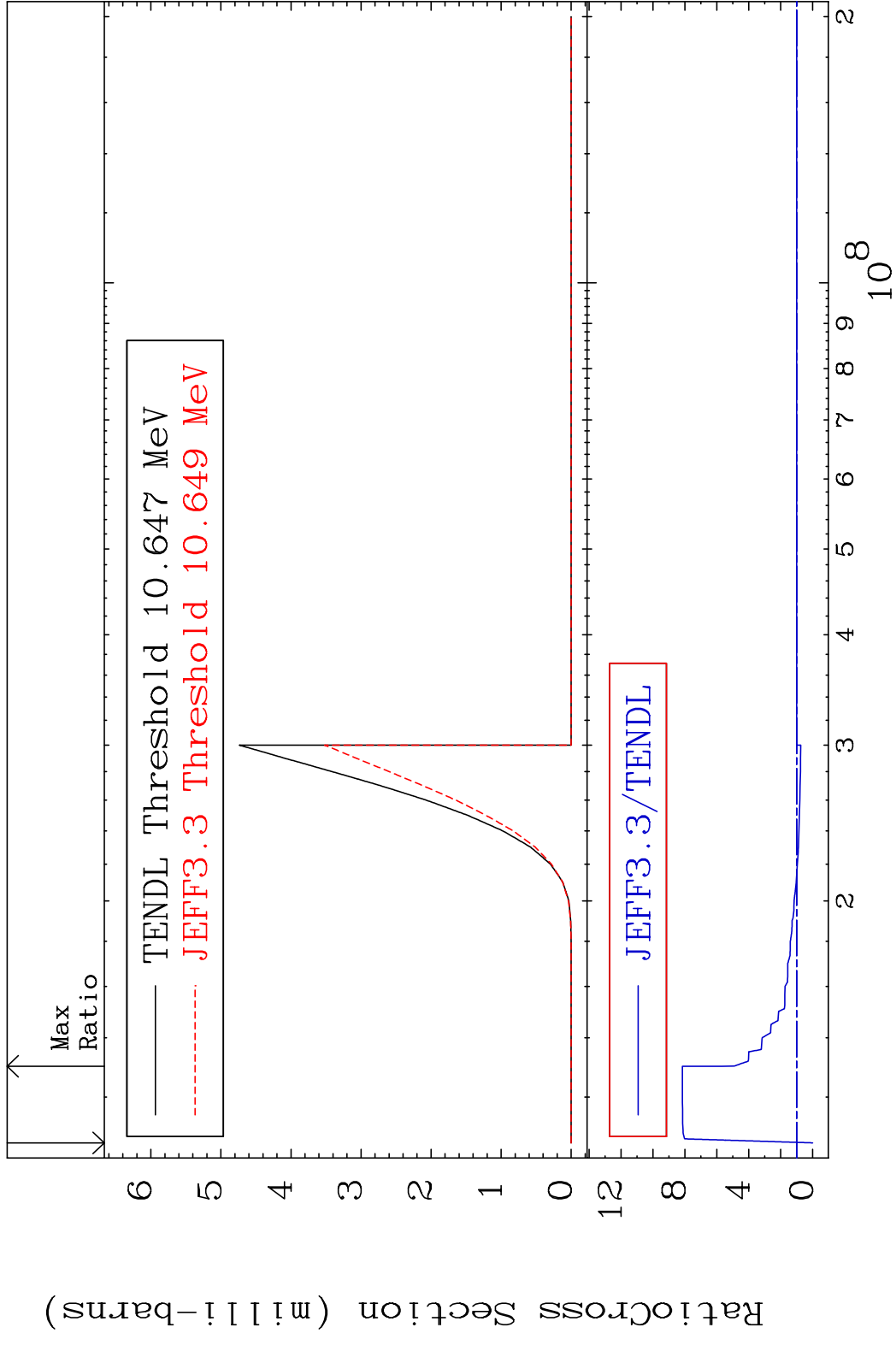
MAT 7525 (n,2n) α :73-Ta-180g 75-Re-185
 Radionuclide Production Cross Section Ratio 9999. %



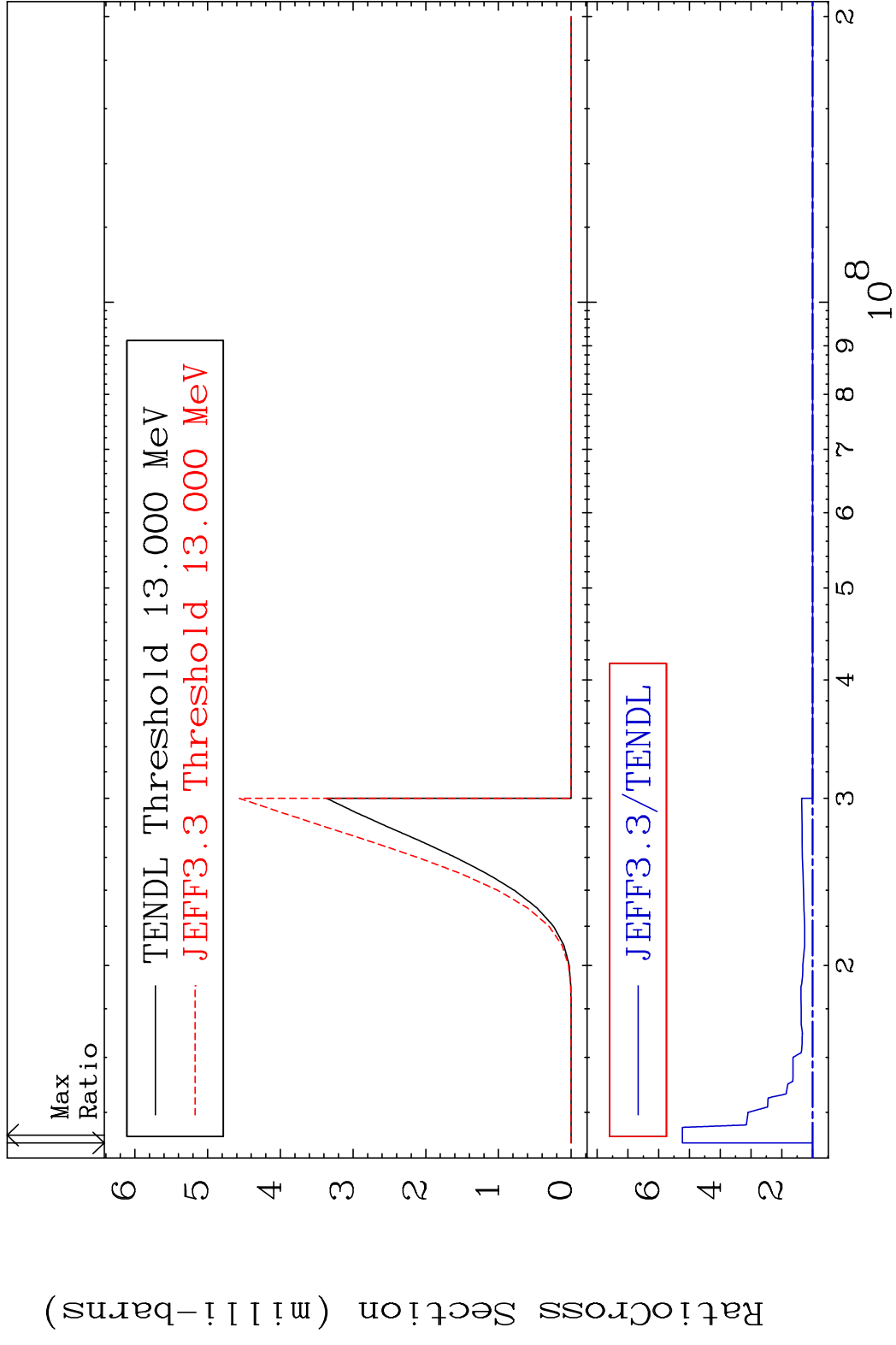
70 Incident Energy (eV) 75-Re-185

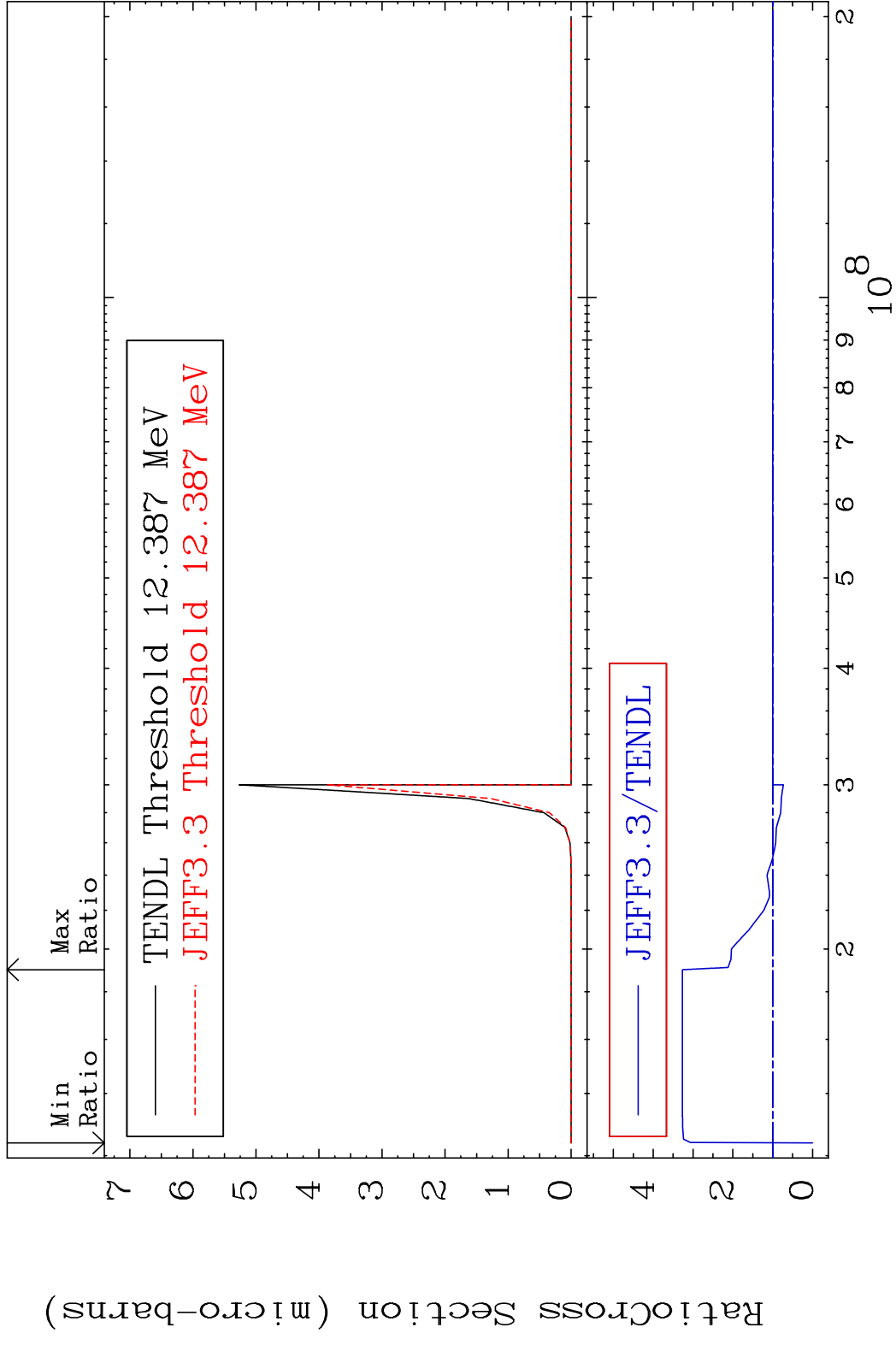


MAT 7525 (n, n') d:74-W -183g 75-Re-185
 Radionuclide Production Cross Section 183g 75-Re-185
 715.9 %

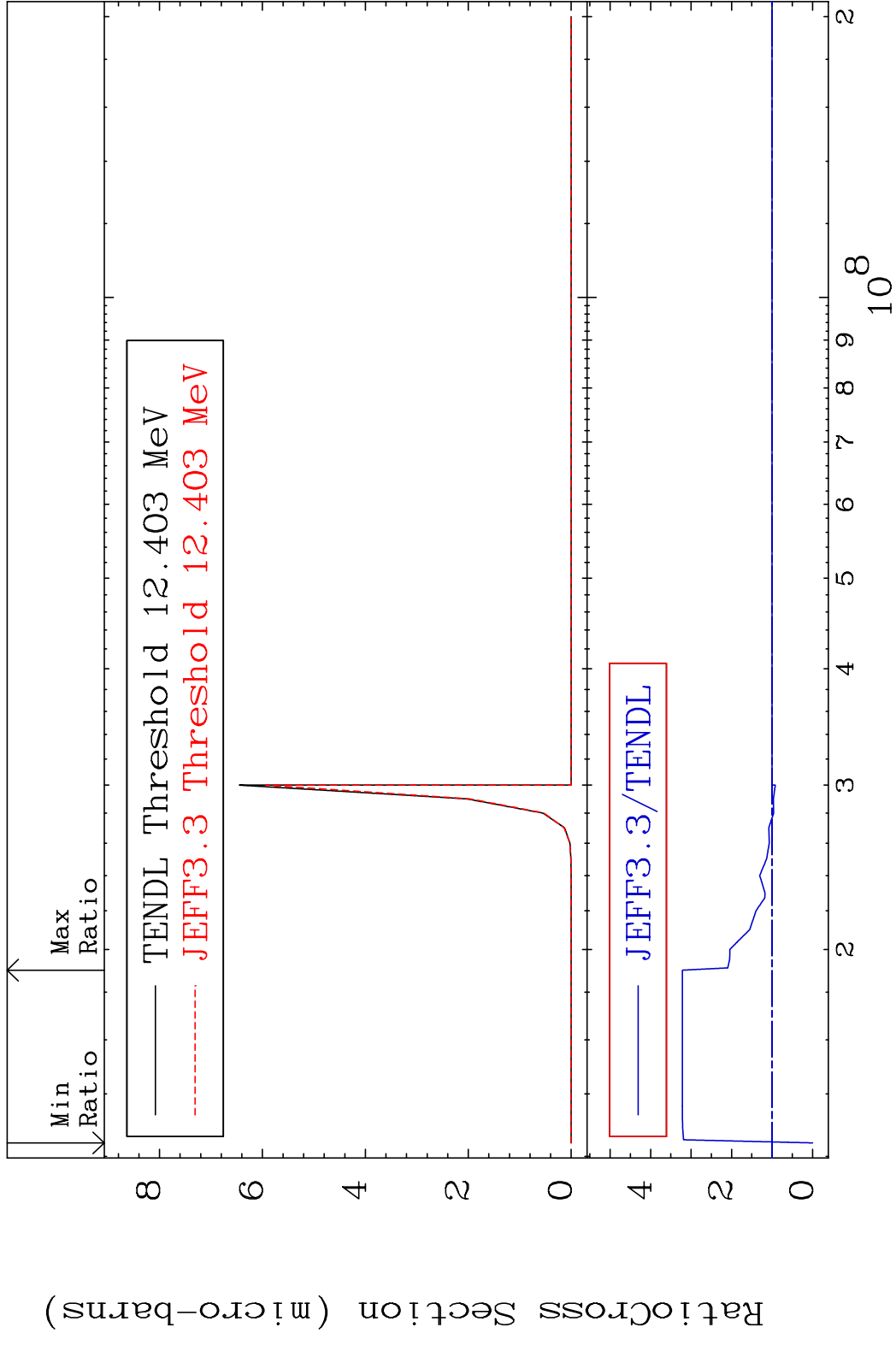


MAT 7525 (n, n') d:74-W -183m7 75-Re-185
 Radionuclide Production Cross Section 423.0 %

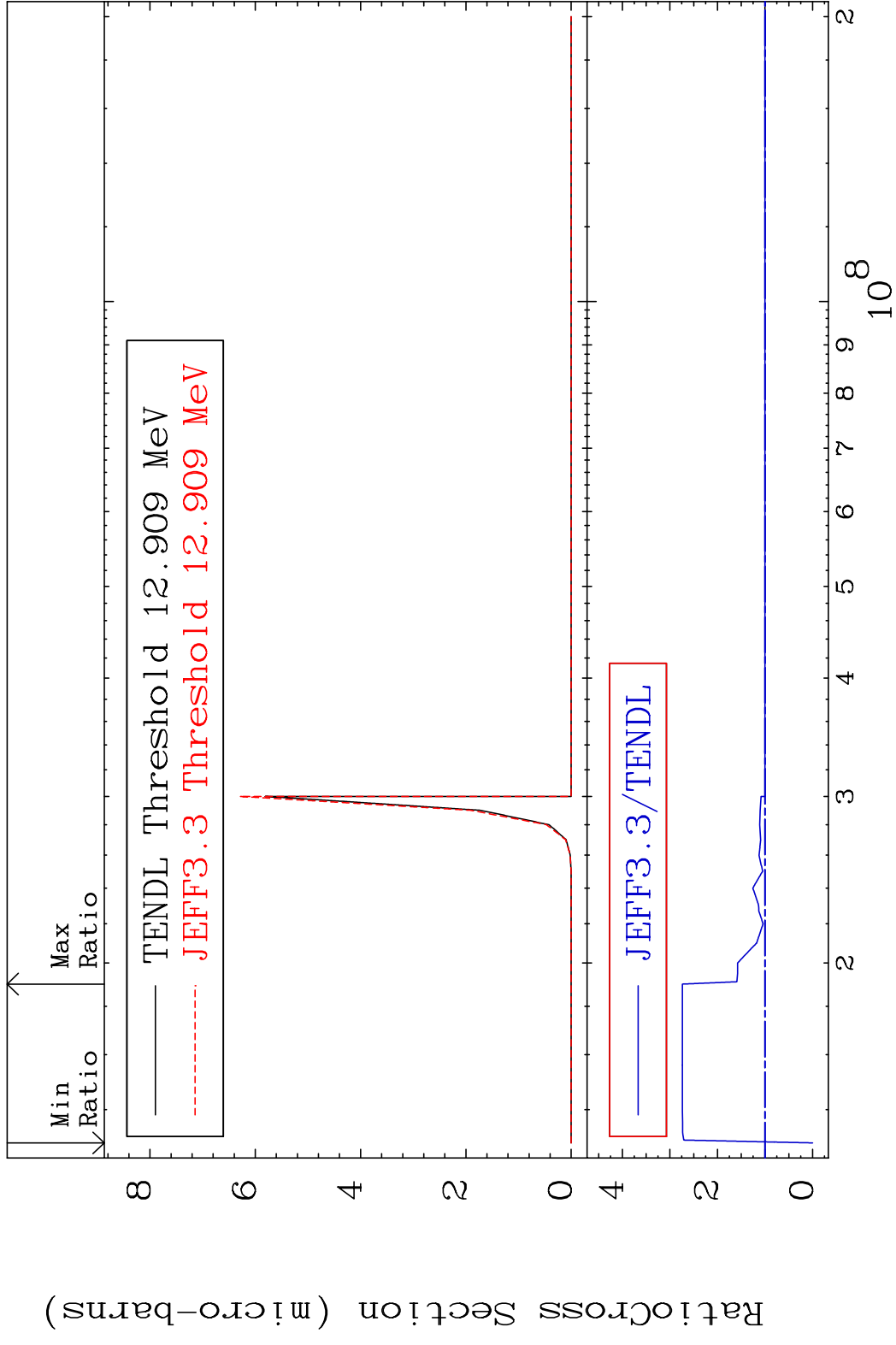


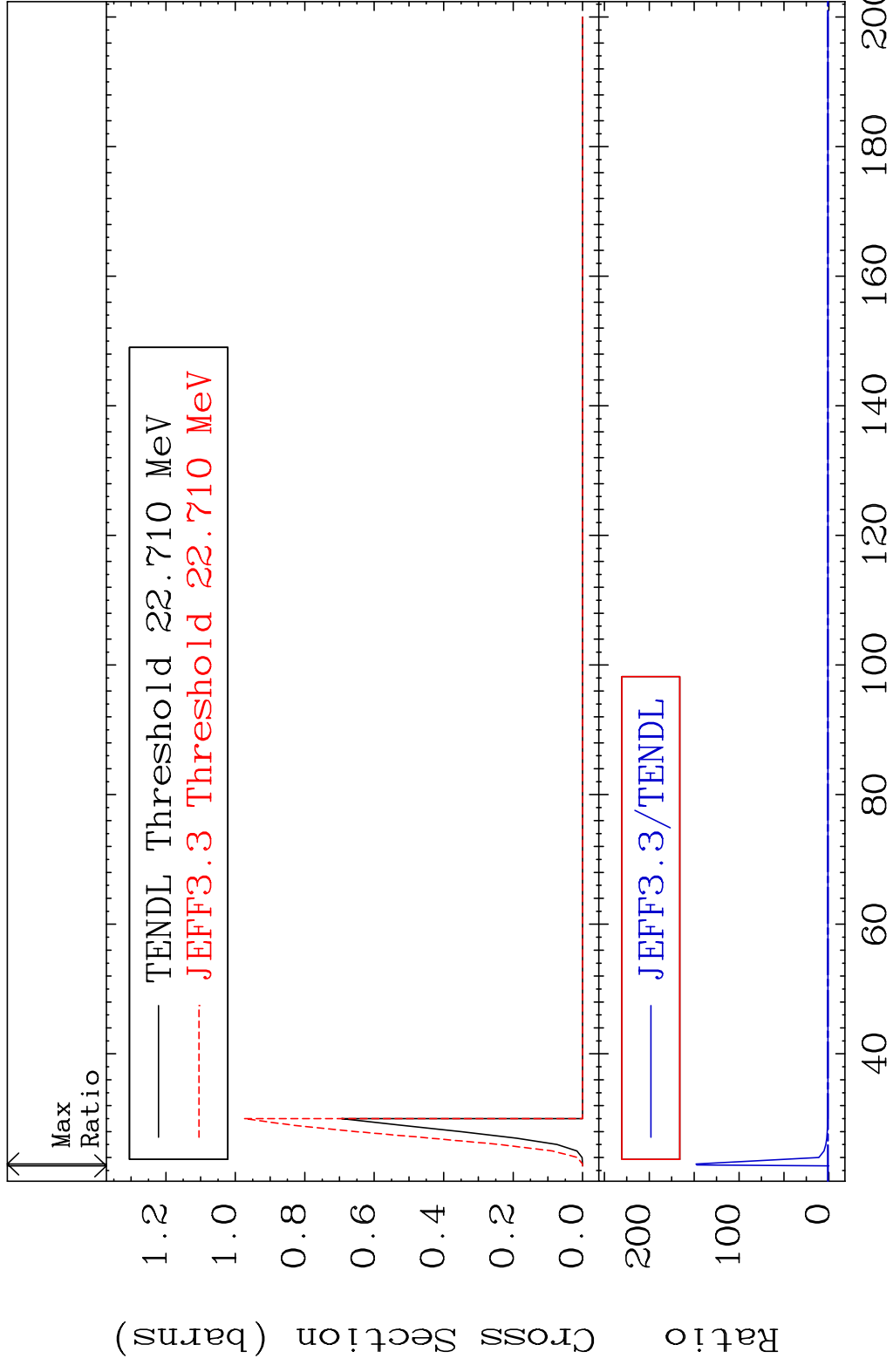


MAT 7525 (n, n') He-3:73-Ta-182m1 75-Re-185
 Radionuclide Production Cross Section Ratio 221.6 %

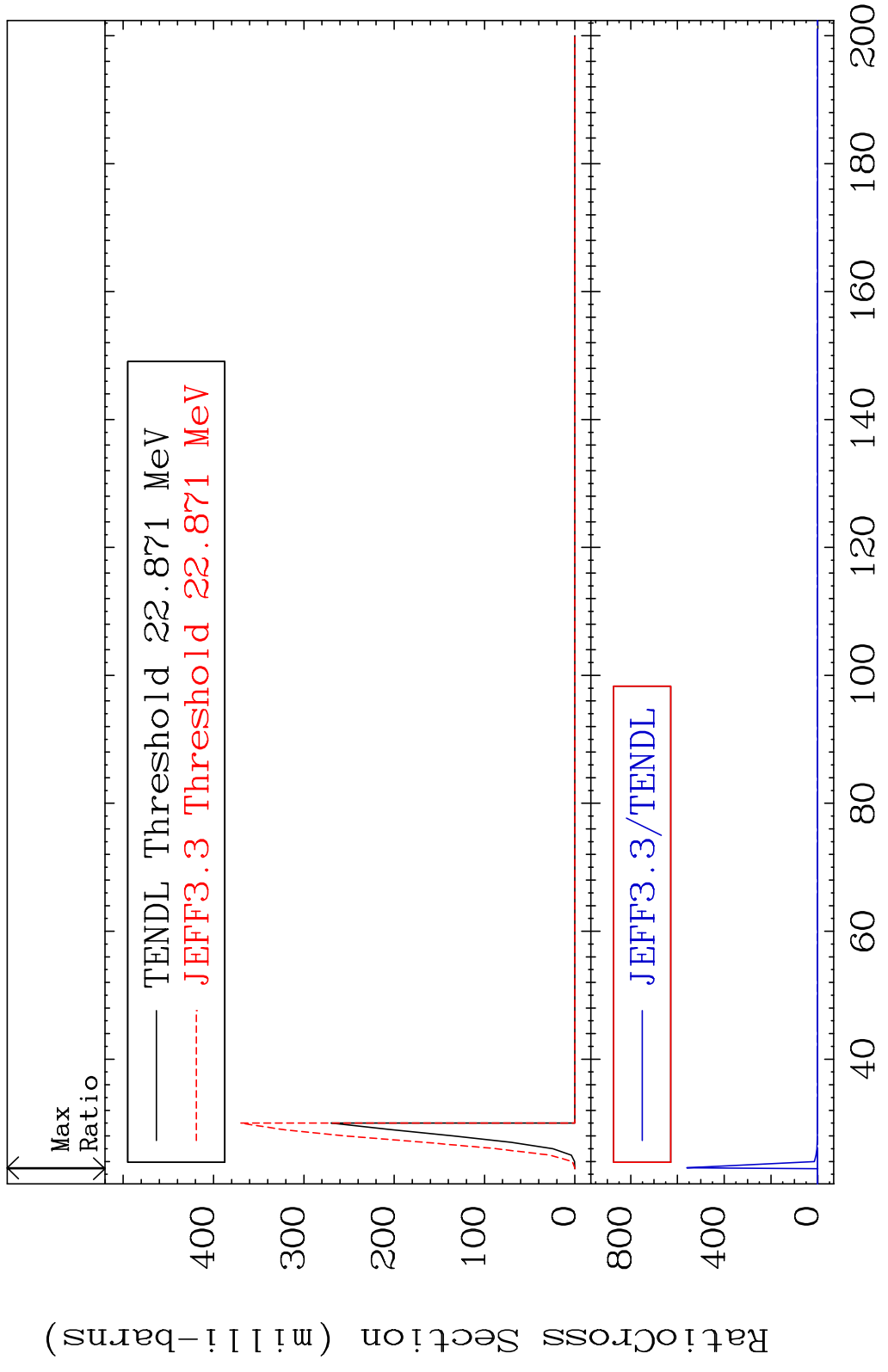


MAT 7525 (n, n') He-3:73-Ta-182m29 75-Re-185
 Radionuclide Production Cross Section 180.01 dth 173.9 %

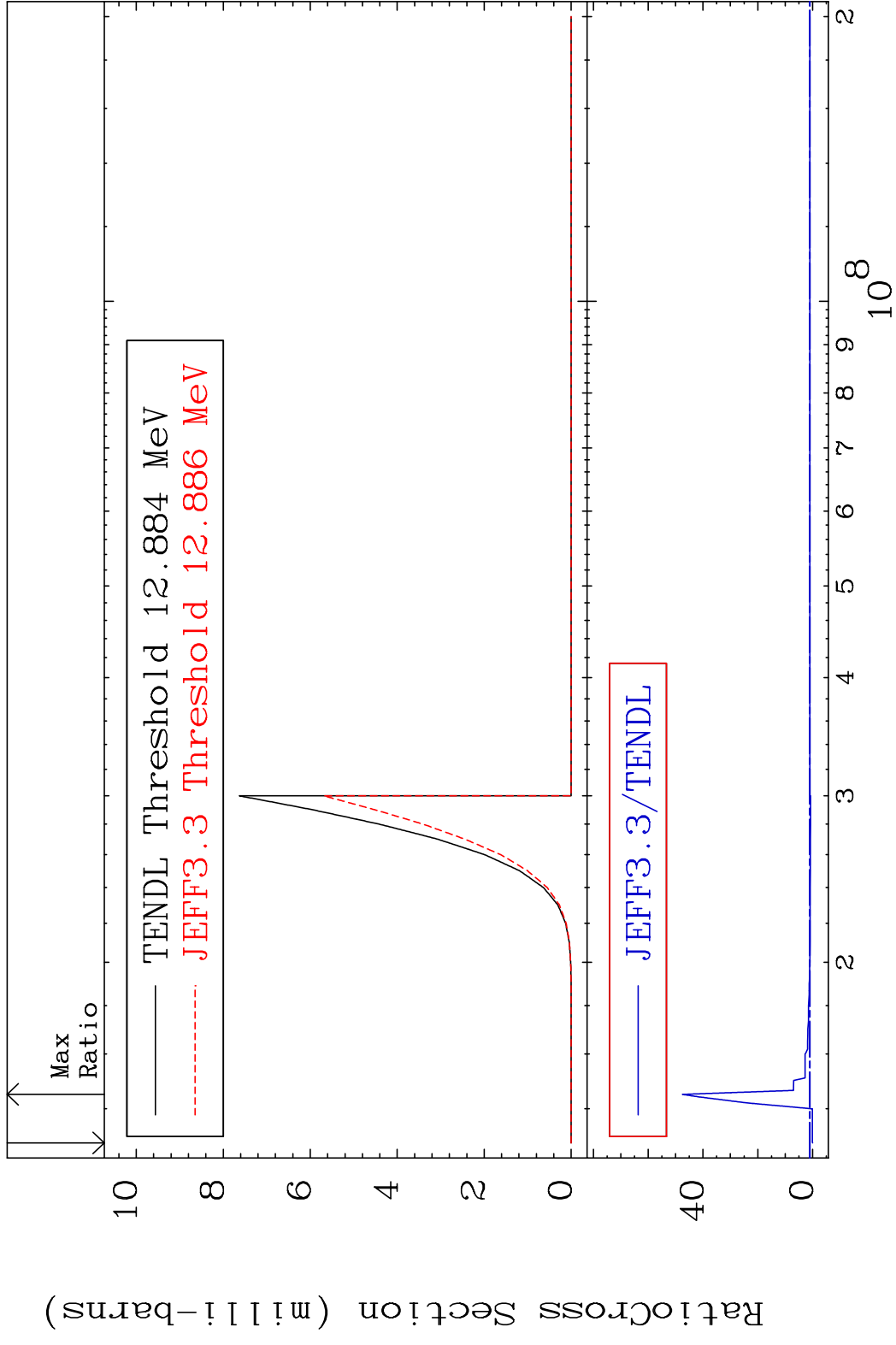


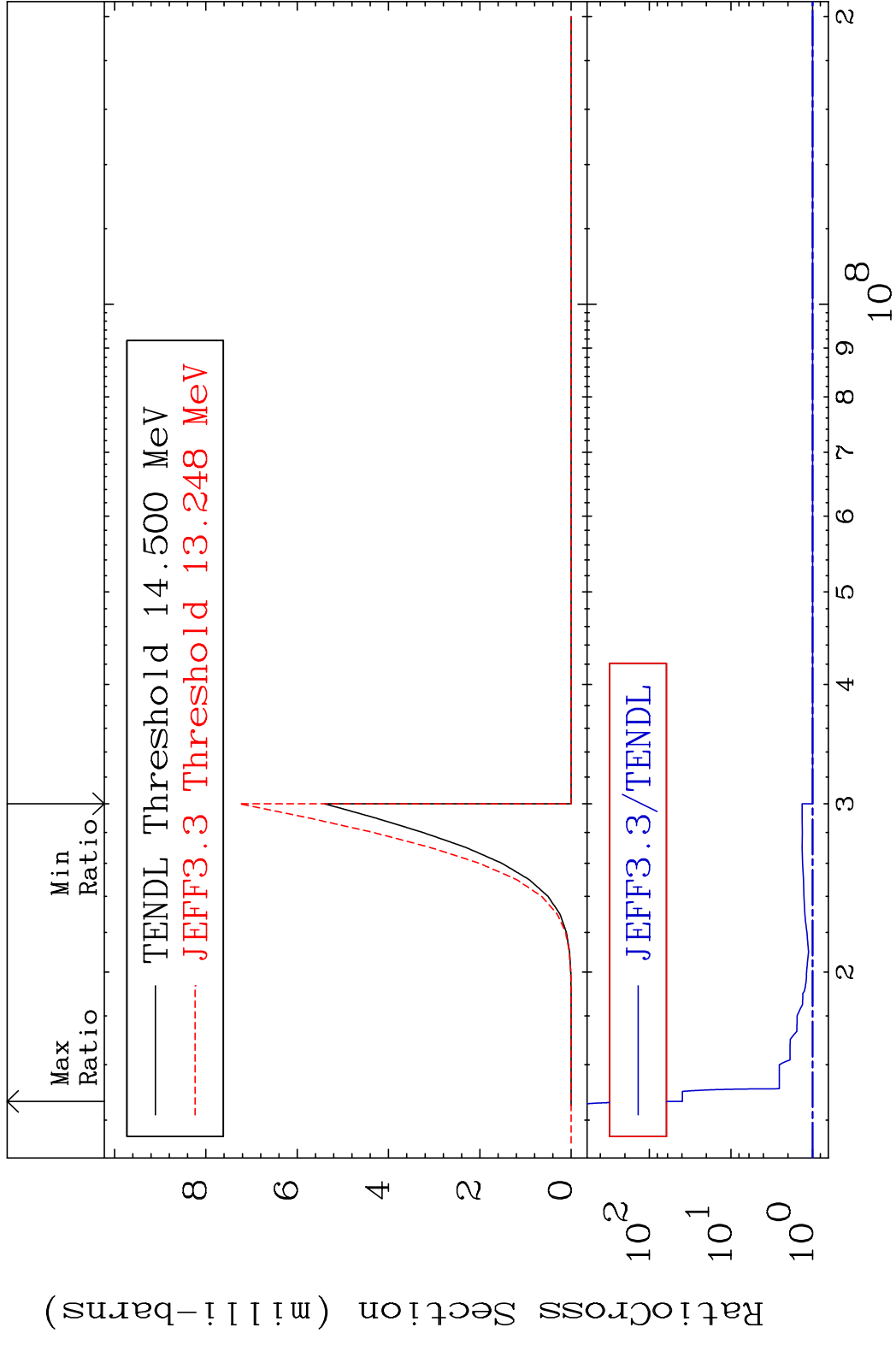


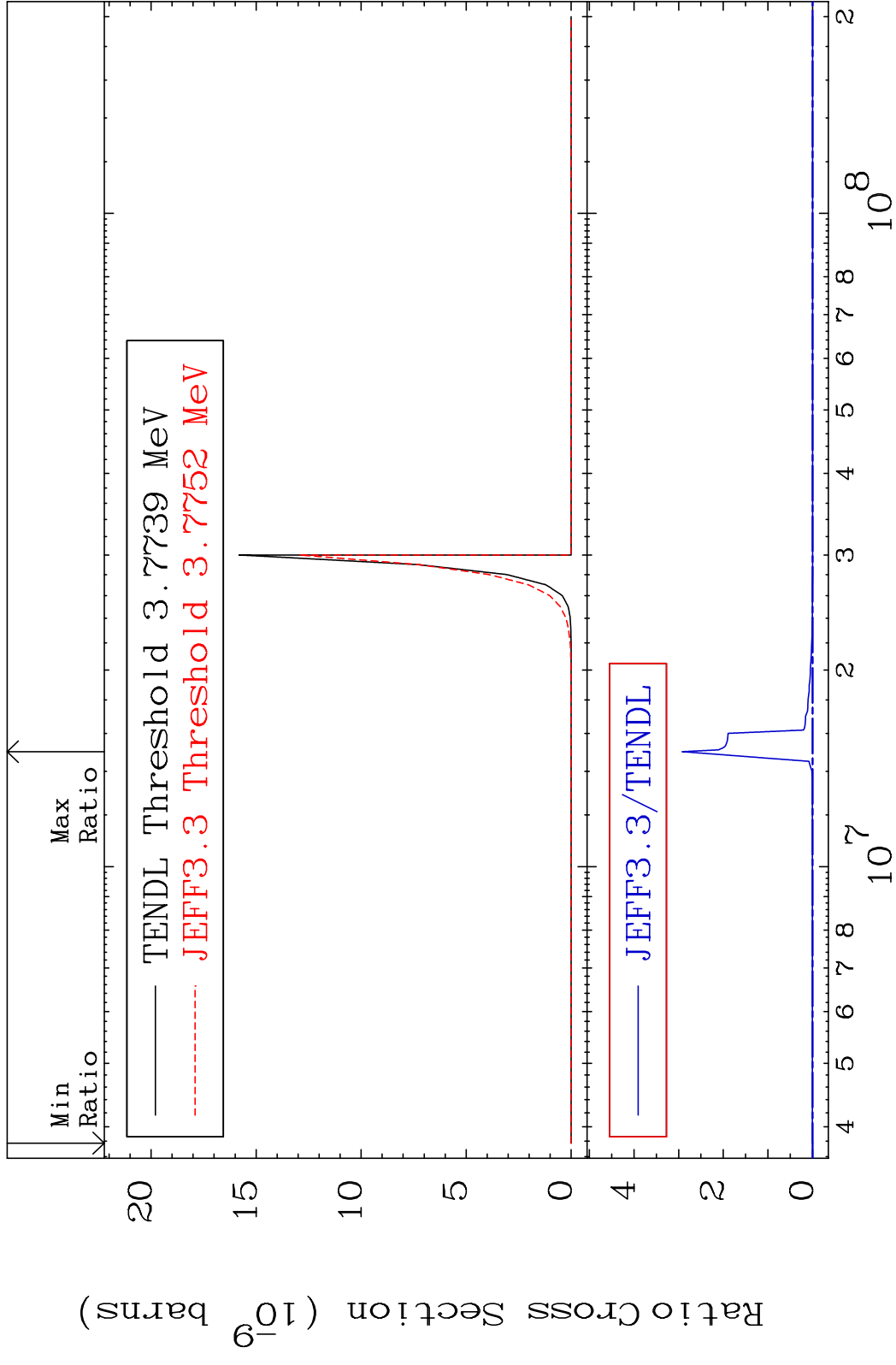
MAT 7525 (n, 4n) : 75-Re-182m2 75-Re-185
 Radionuclide Production Cross Section Ratio 9999. %



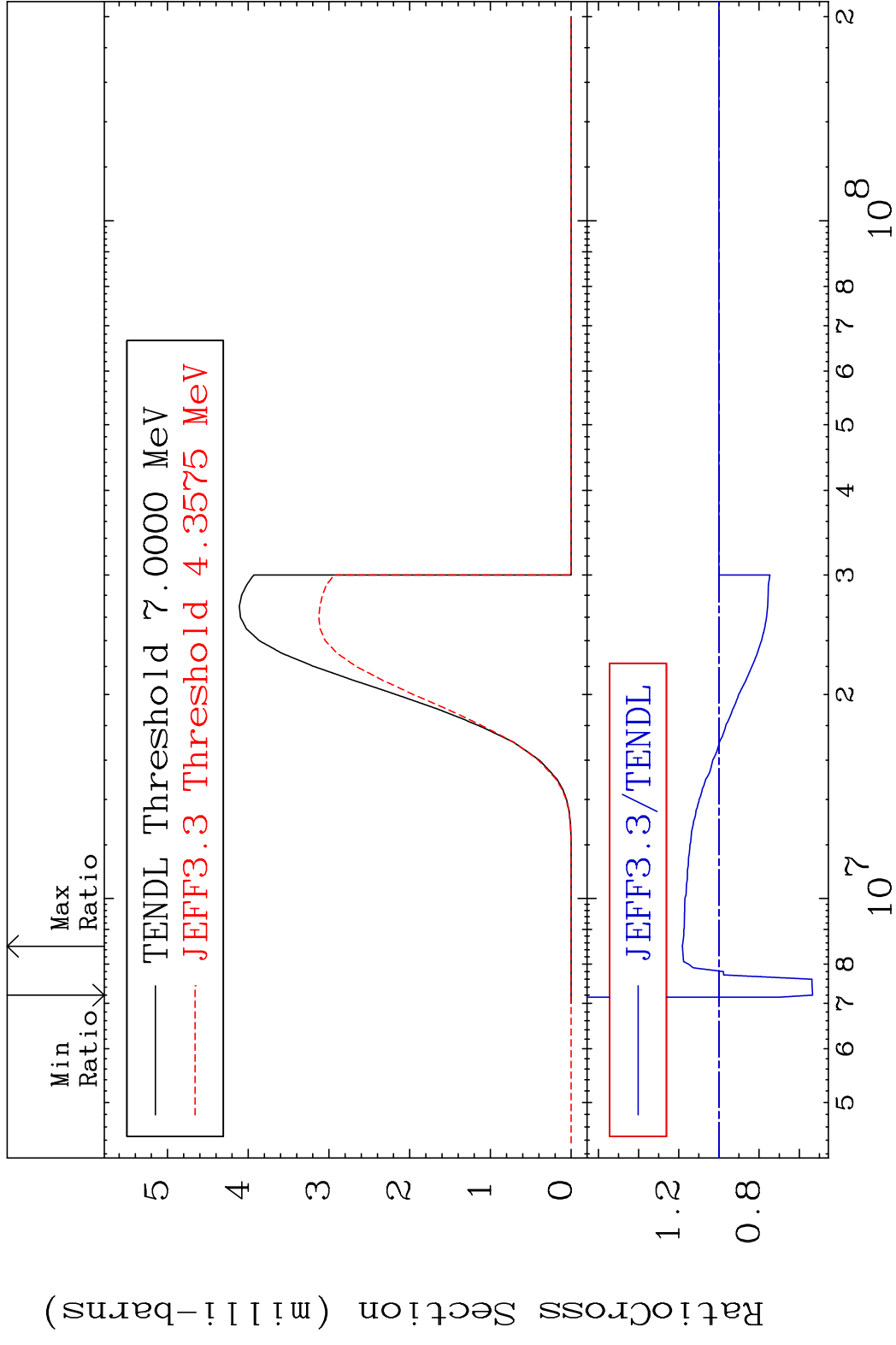
MAT 7525 (n,2n) p:74-W -183g 75-Re-185
 Radionuclide Production Cross Section Ratio 4653. %



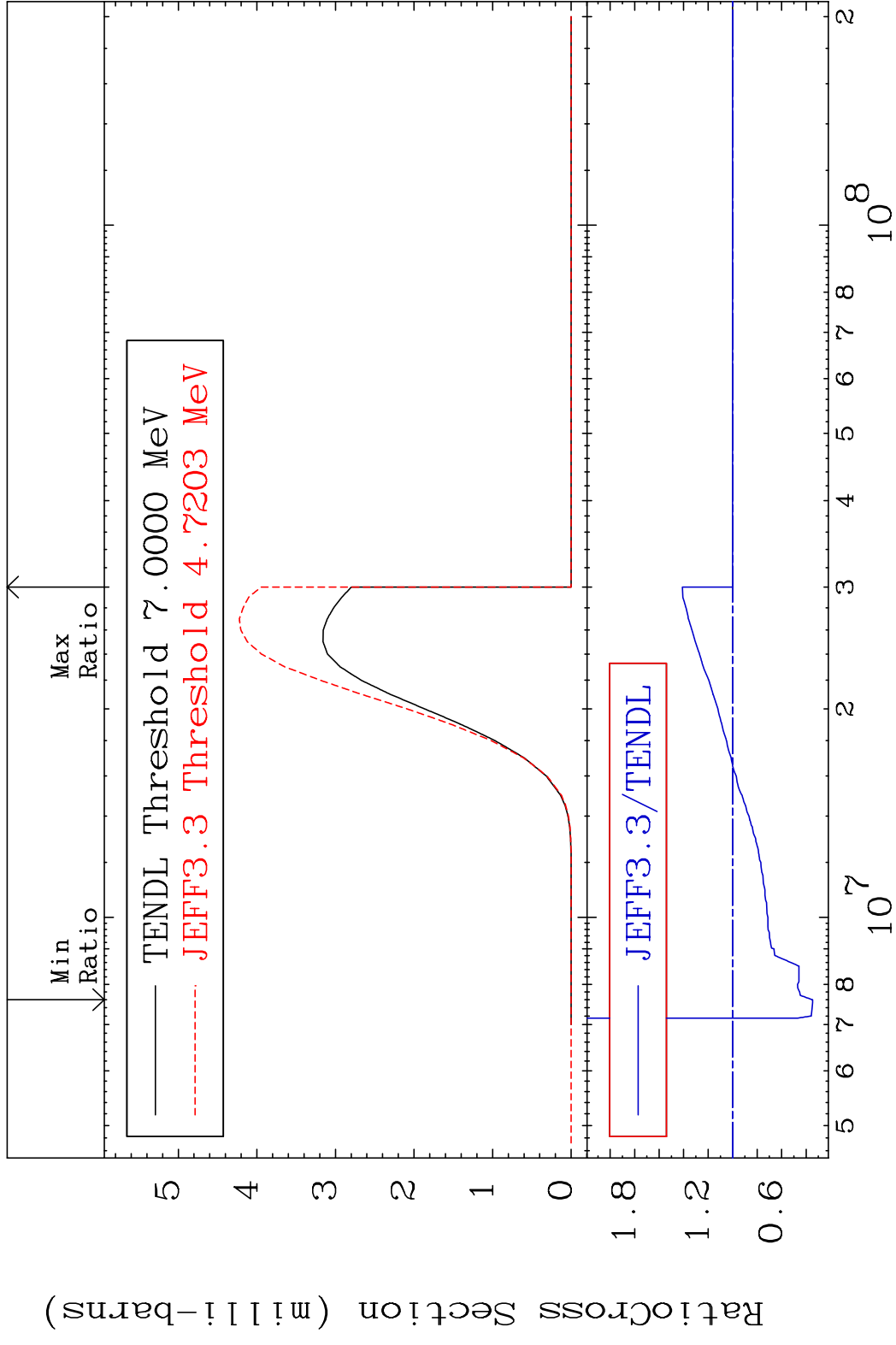


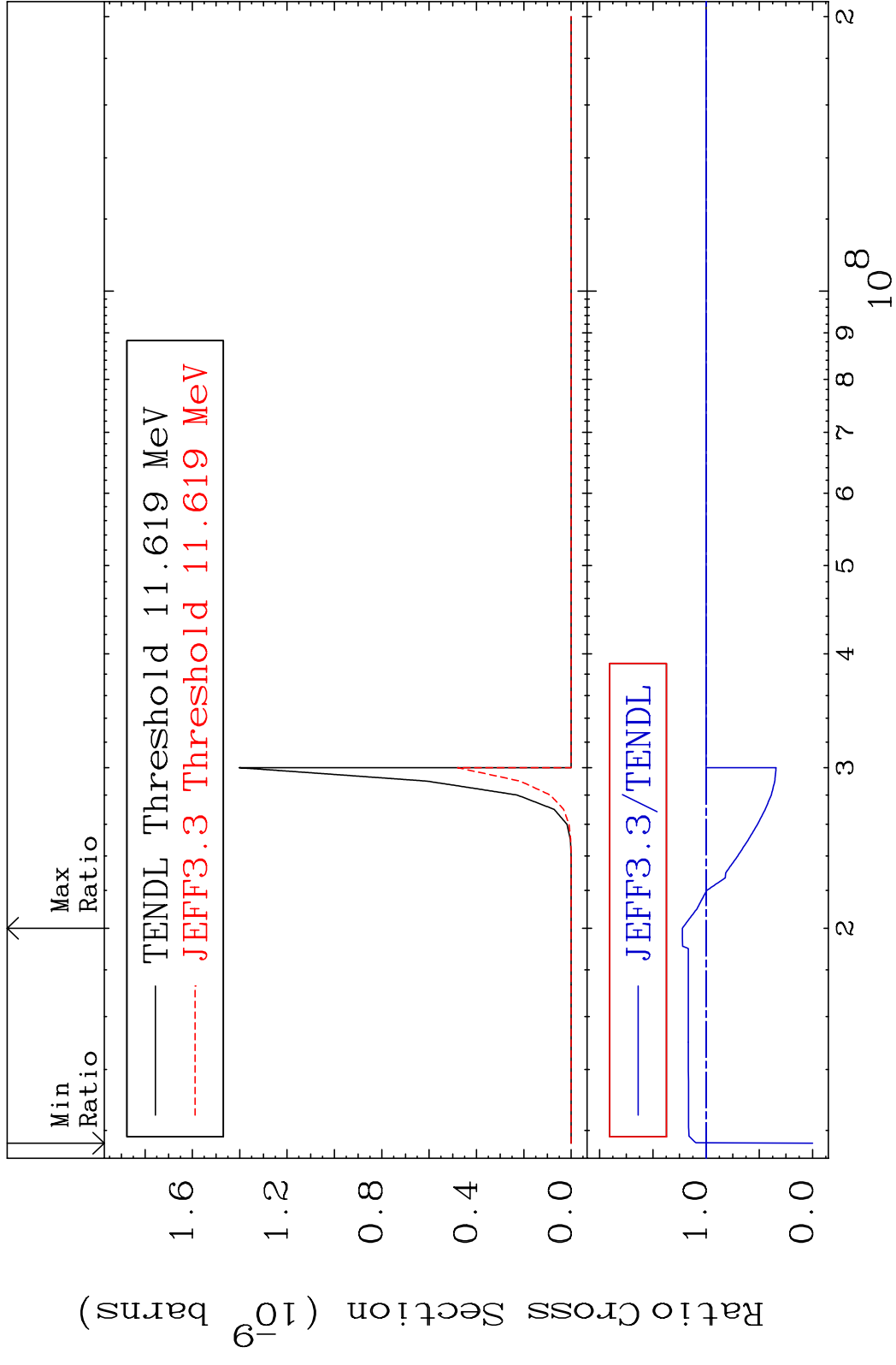


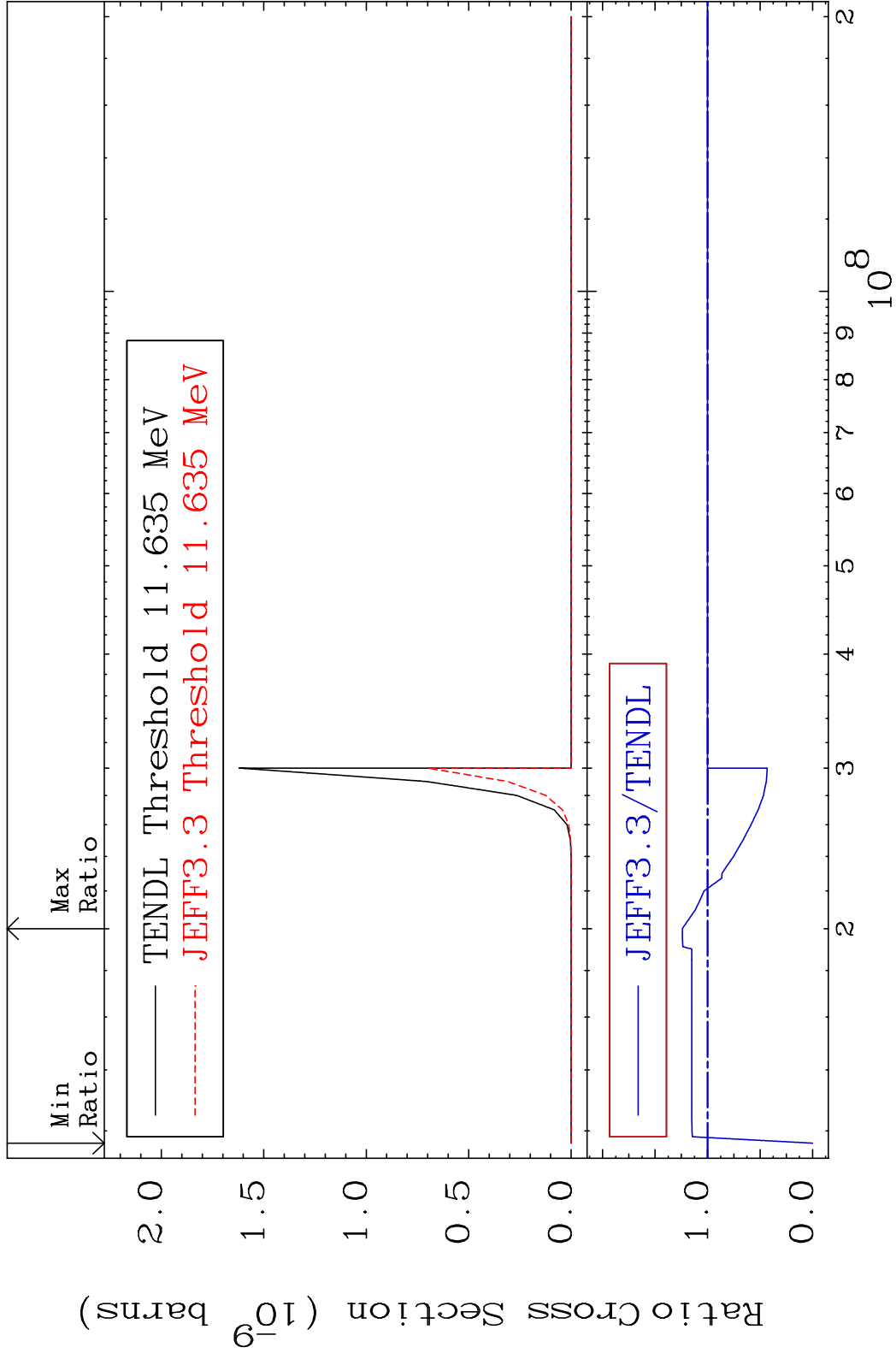
MAT 7525 (n, t): 74-W -183g 75-Re-185
 Radionuclide Production Cross Section 18.21 %

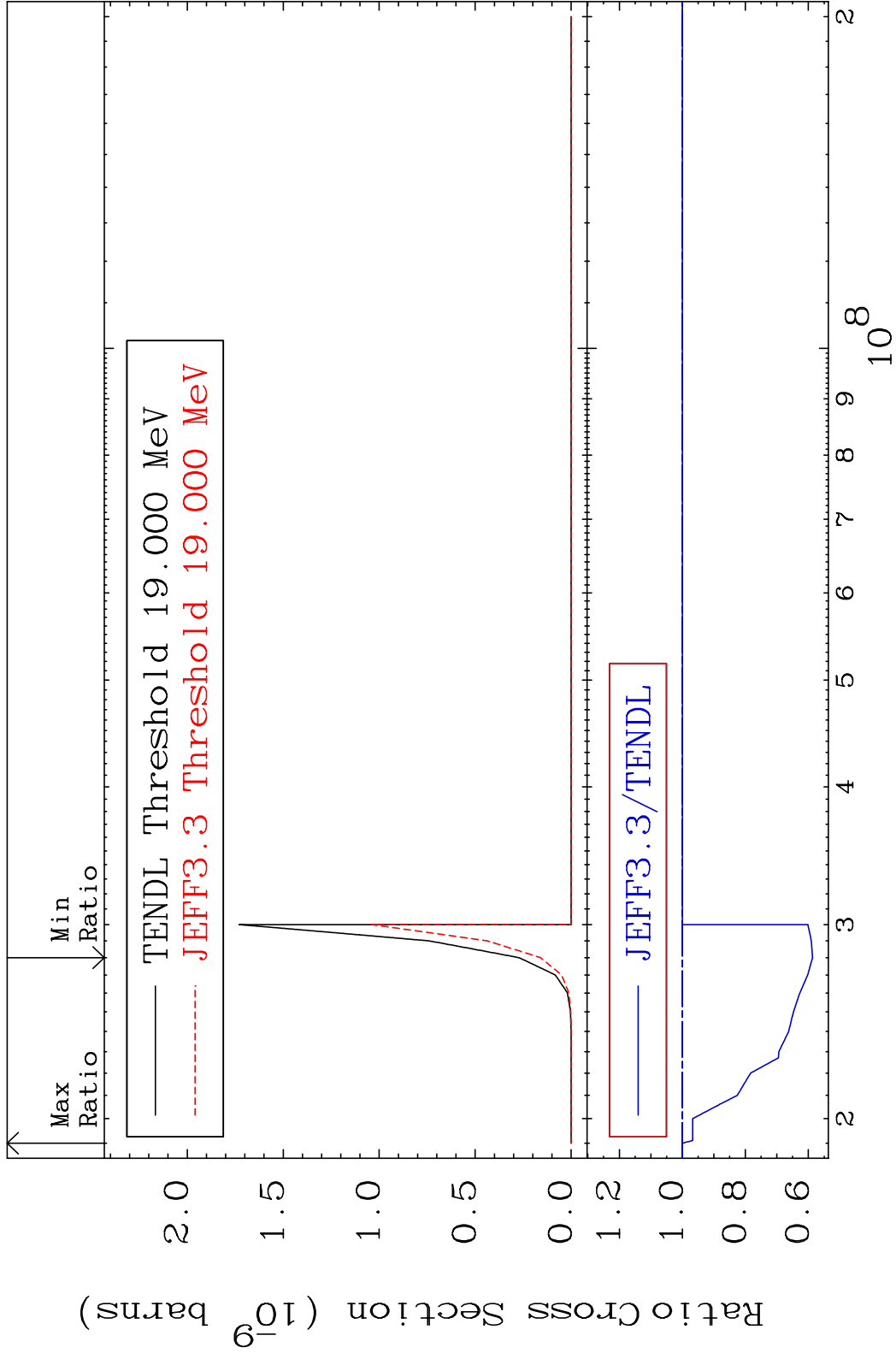


MAT 7525 (n, t):74-W -183m7 75-Re-185
 Radionuclide Production Cross Section 41.05 %









MAT 7525 (n, d) α :72-Hf-180g 75-Re-185
 Radionuclide Production Cross Section Ratio 9999. %

