

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

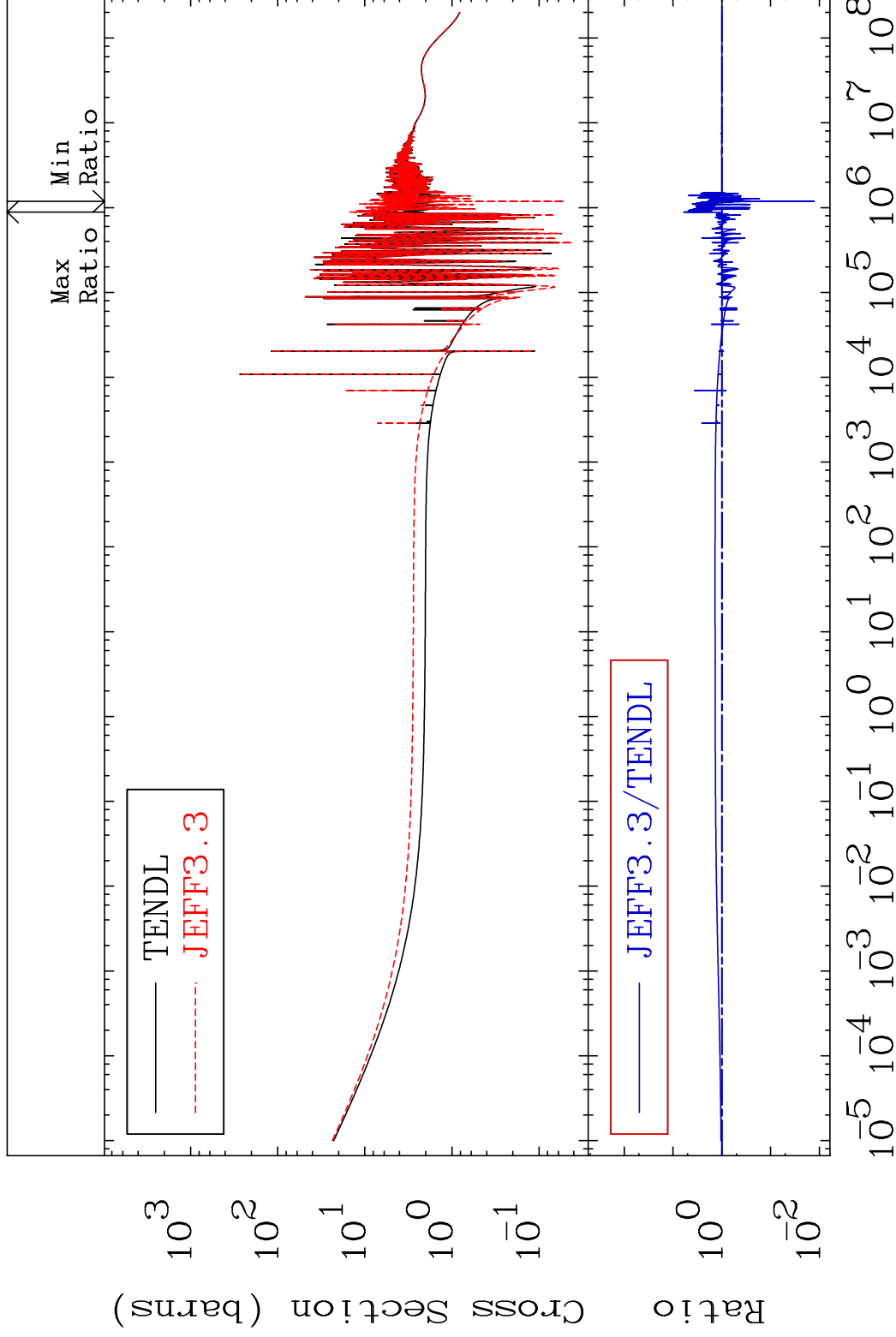
MAT 2025

Total

20-Ca-40

Cross Section

-98.72 To 504.7 %

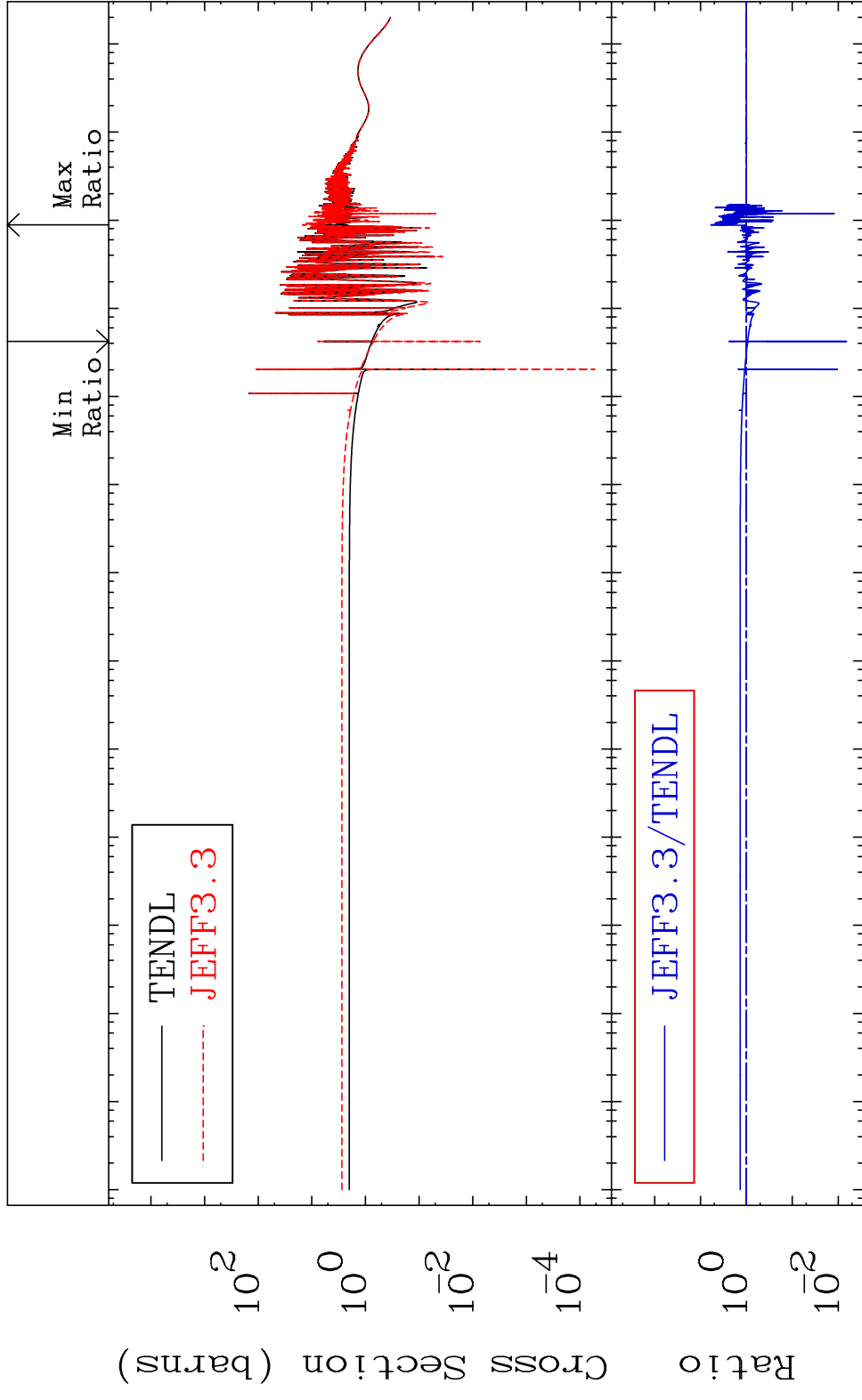


1

Incident Energy (eV)

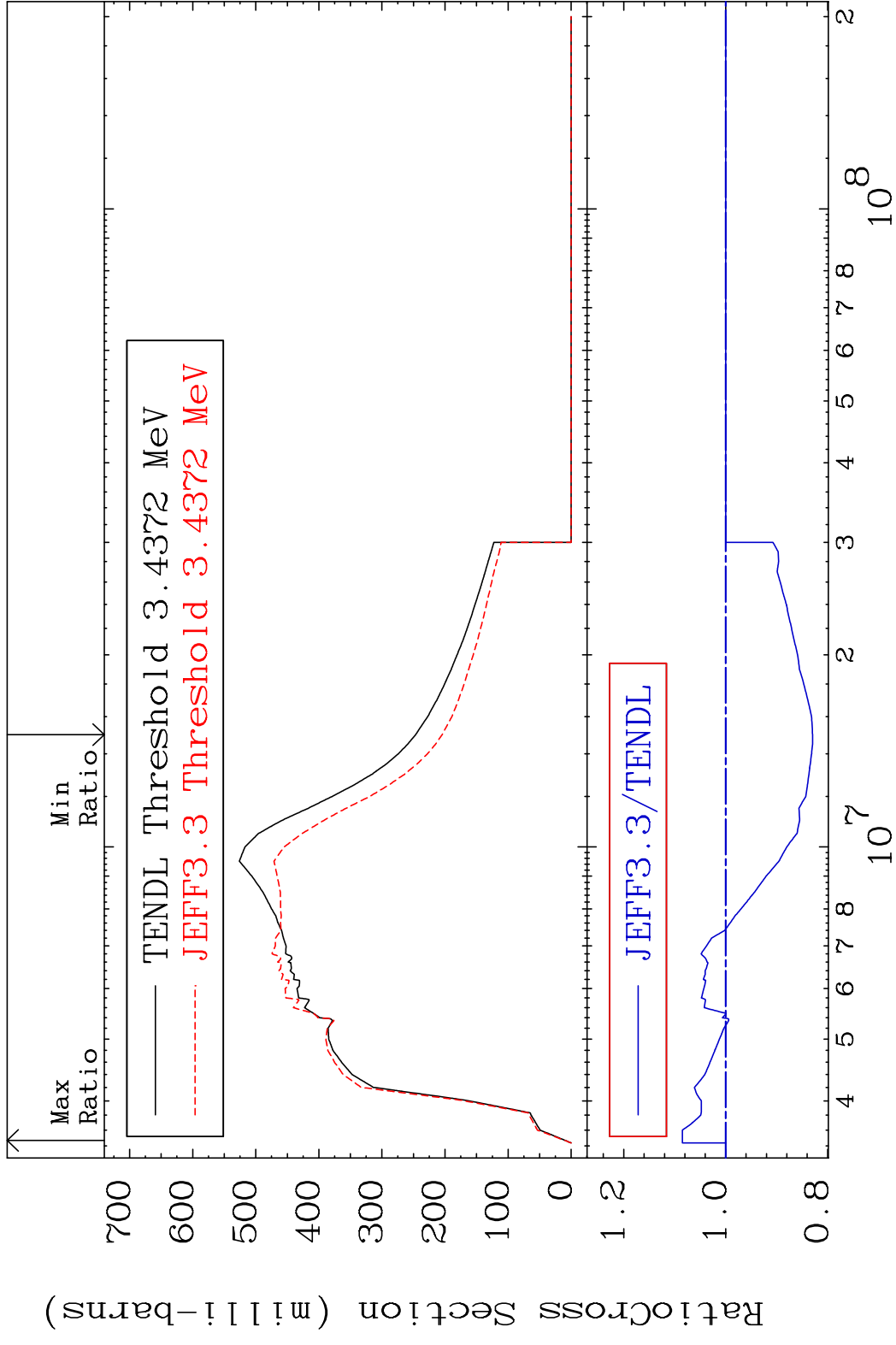
20-Ca-40

MAT 2025 Elastic 20-Ca-40
 Cross Section -99.33 To 501.8 %

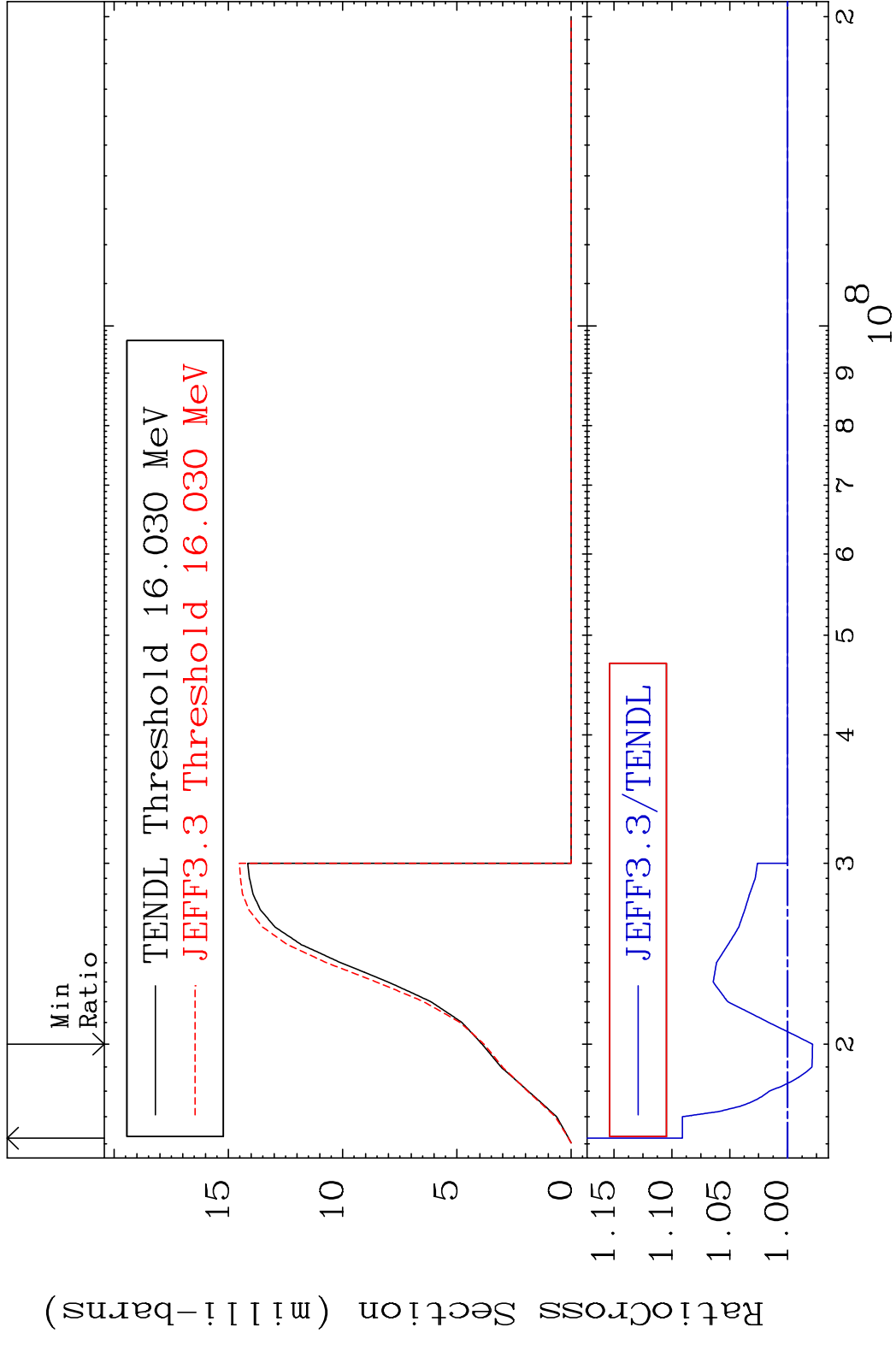


2 Incident Energy (eV) 20-Ca-40

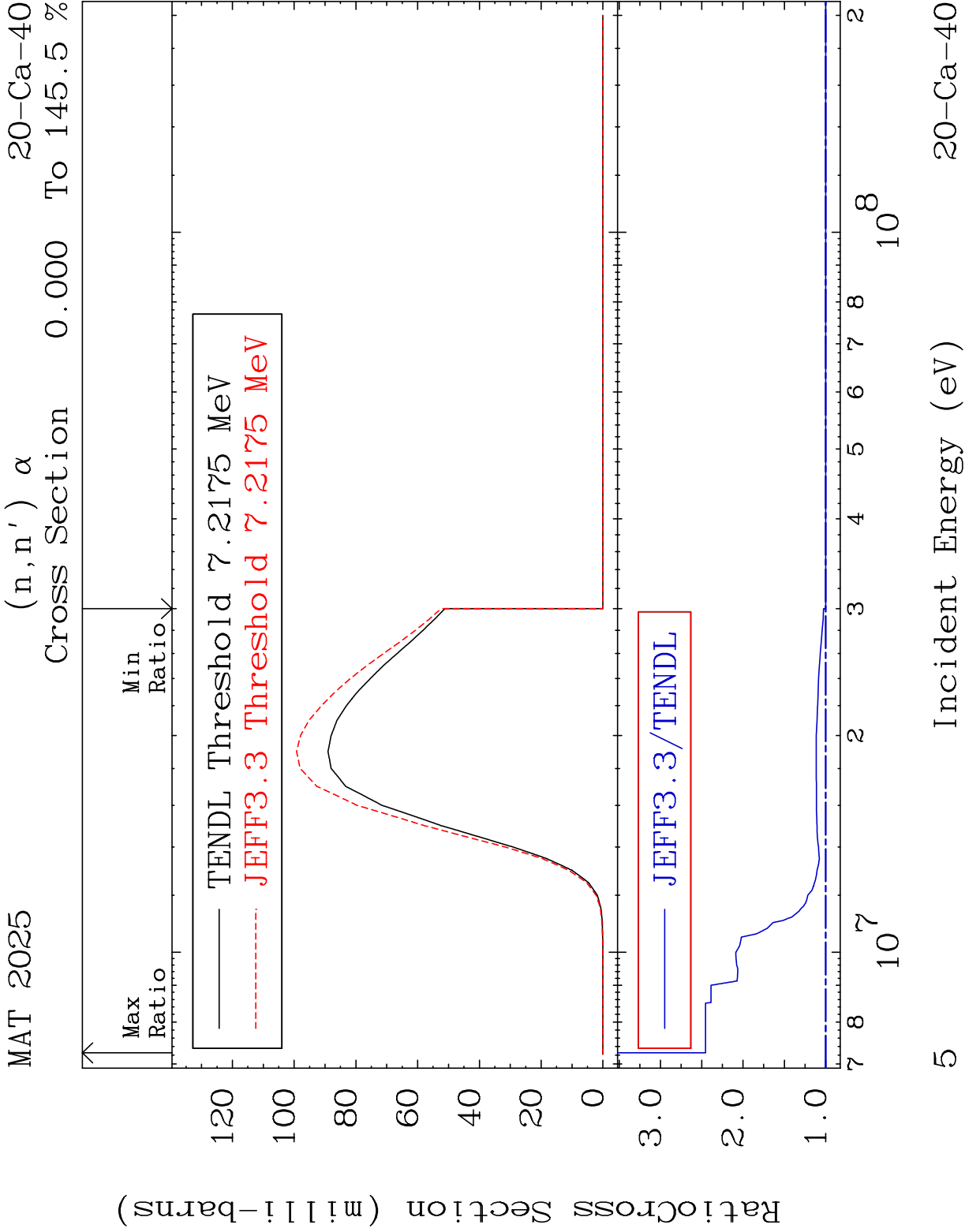
MAT 2025 Inelastic 20-Ca-40
Cross Section -17.05 To 8.495 %



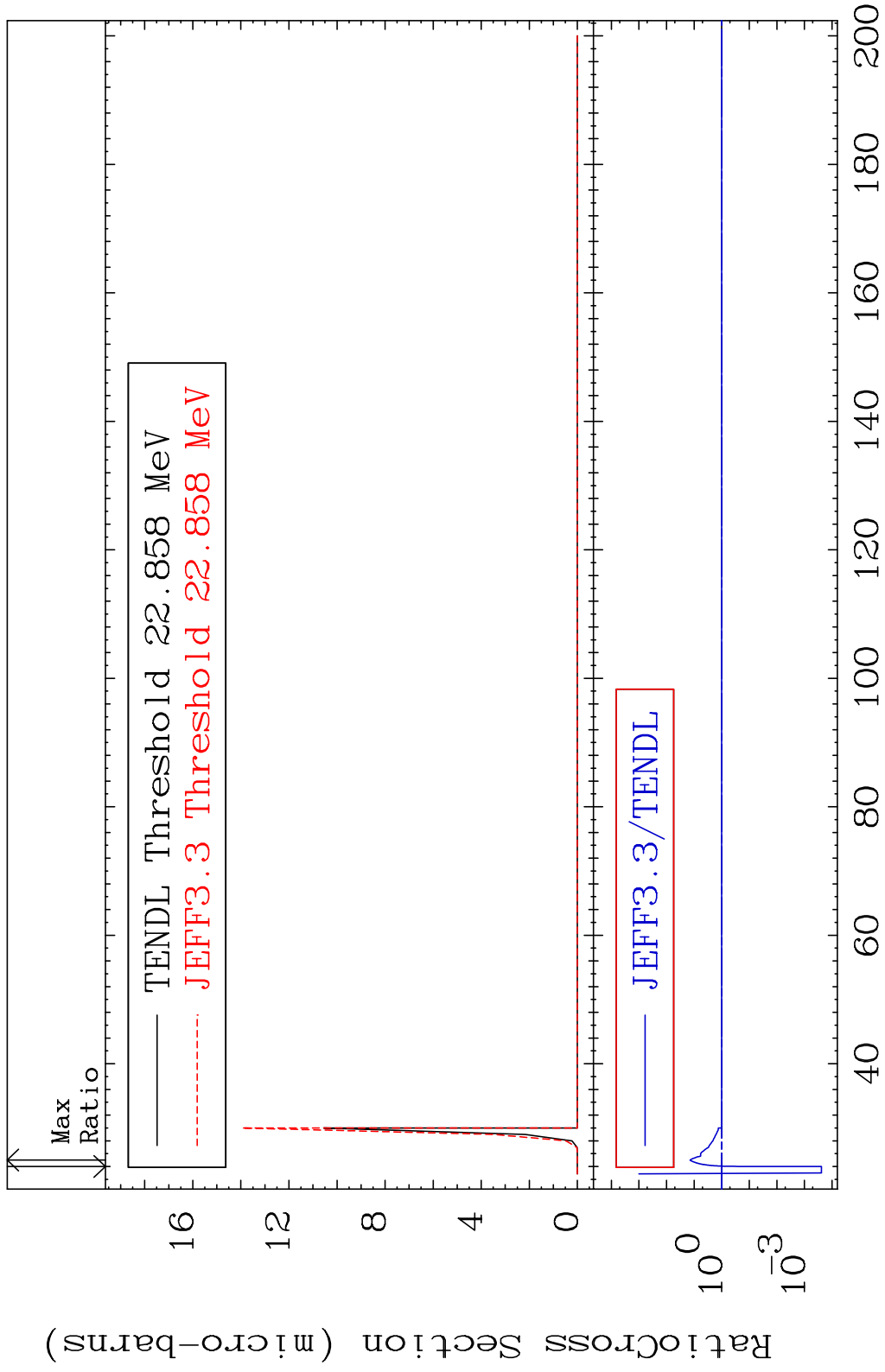
MAT 2025 (n,2n) 20-Ca-40
 Cross Section -2.158 To 9.094 %



4

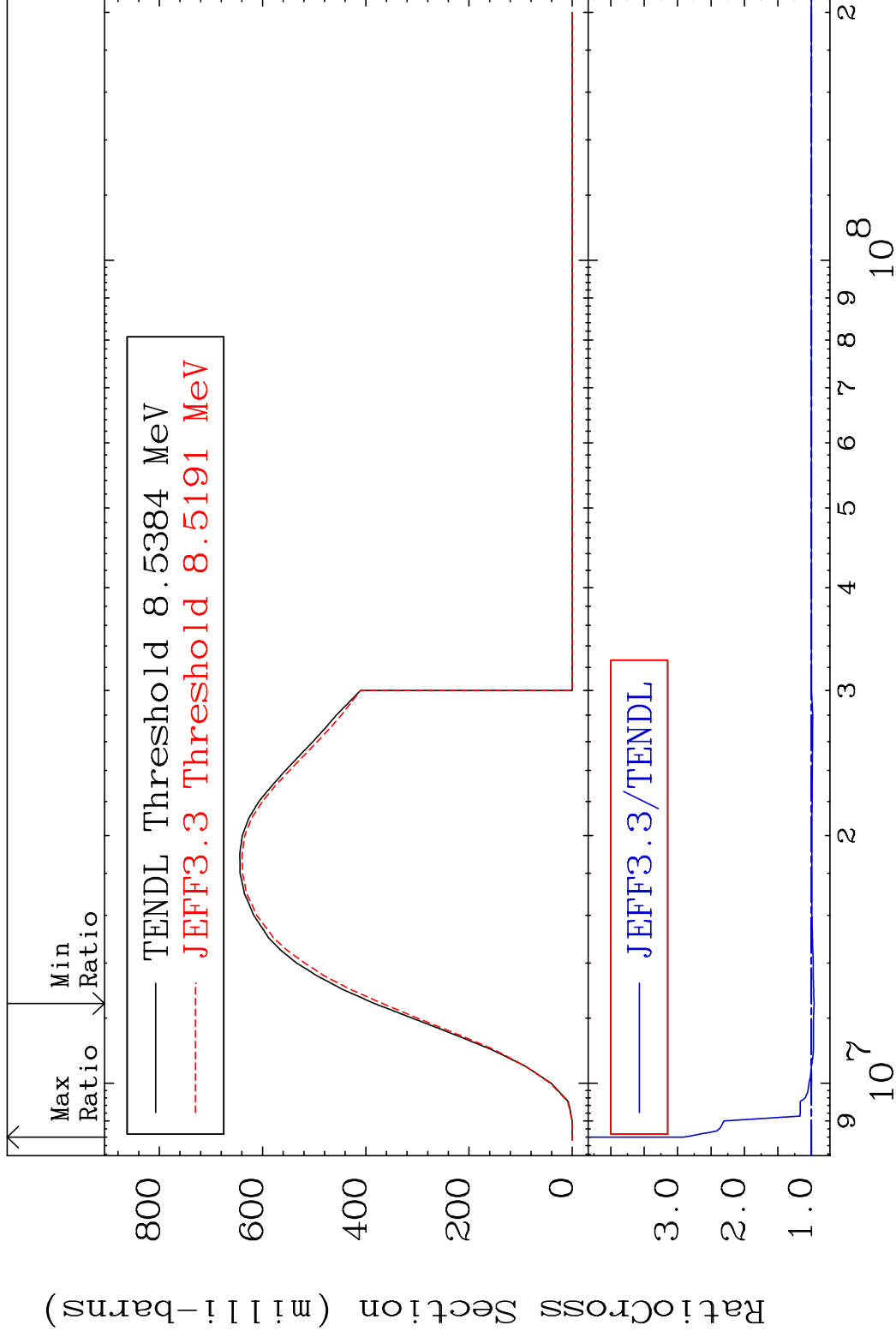


MAT 2025 (n,2n) α 20-Ca-40
 Cross Section -99.98 To 1334. %



MAT 2025

(n, n') p 20-Ca-40
Cross Section -4.120 To 190.9 %

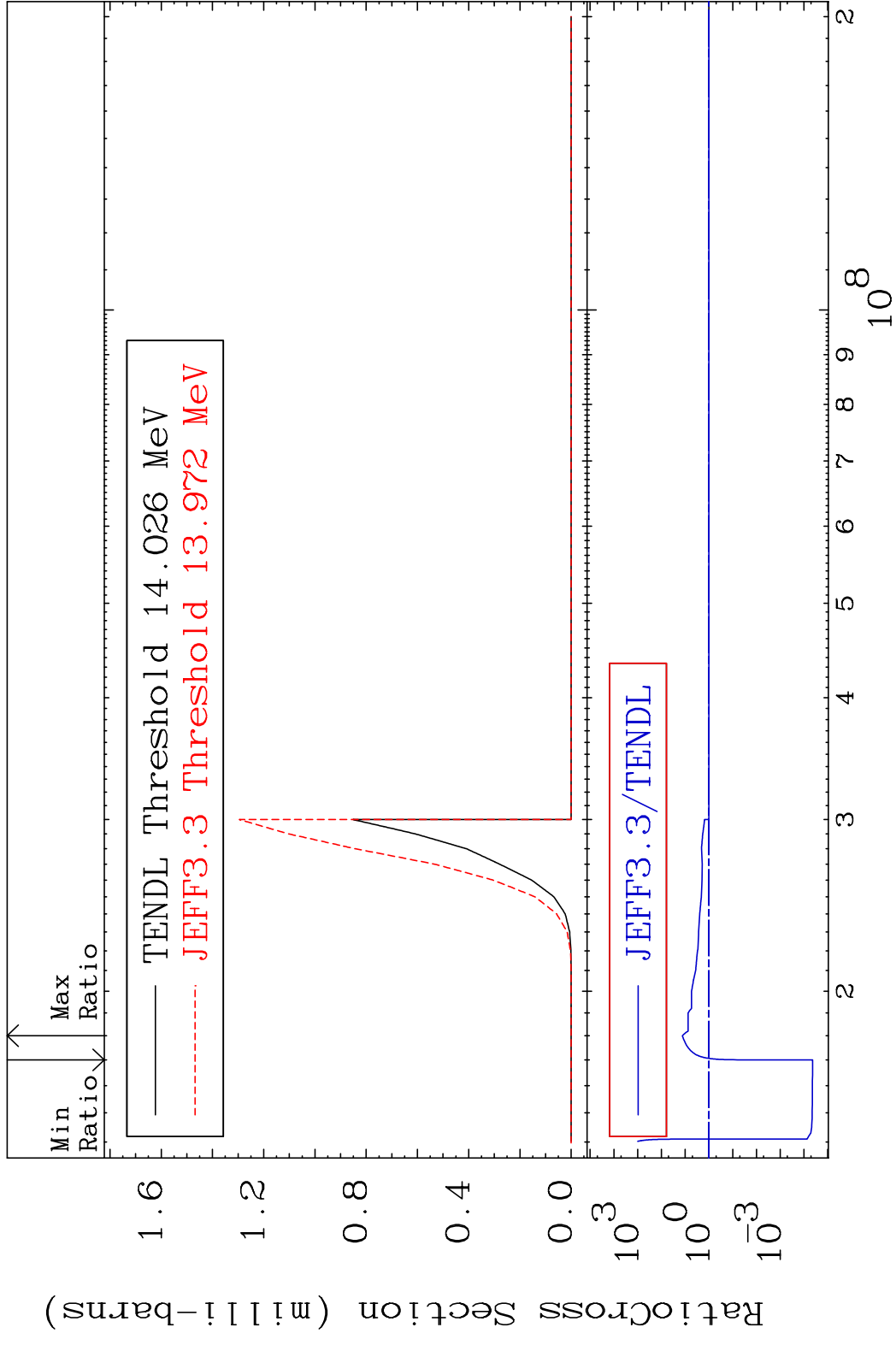


7

Incident Energy (eV)

20-Ca-40

MAT 2025 (n, n') 2α 20-Ca-40
 Cross Section -100.0 To 1212. %

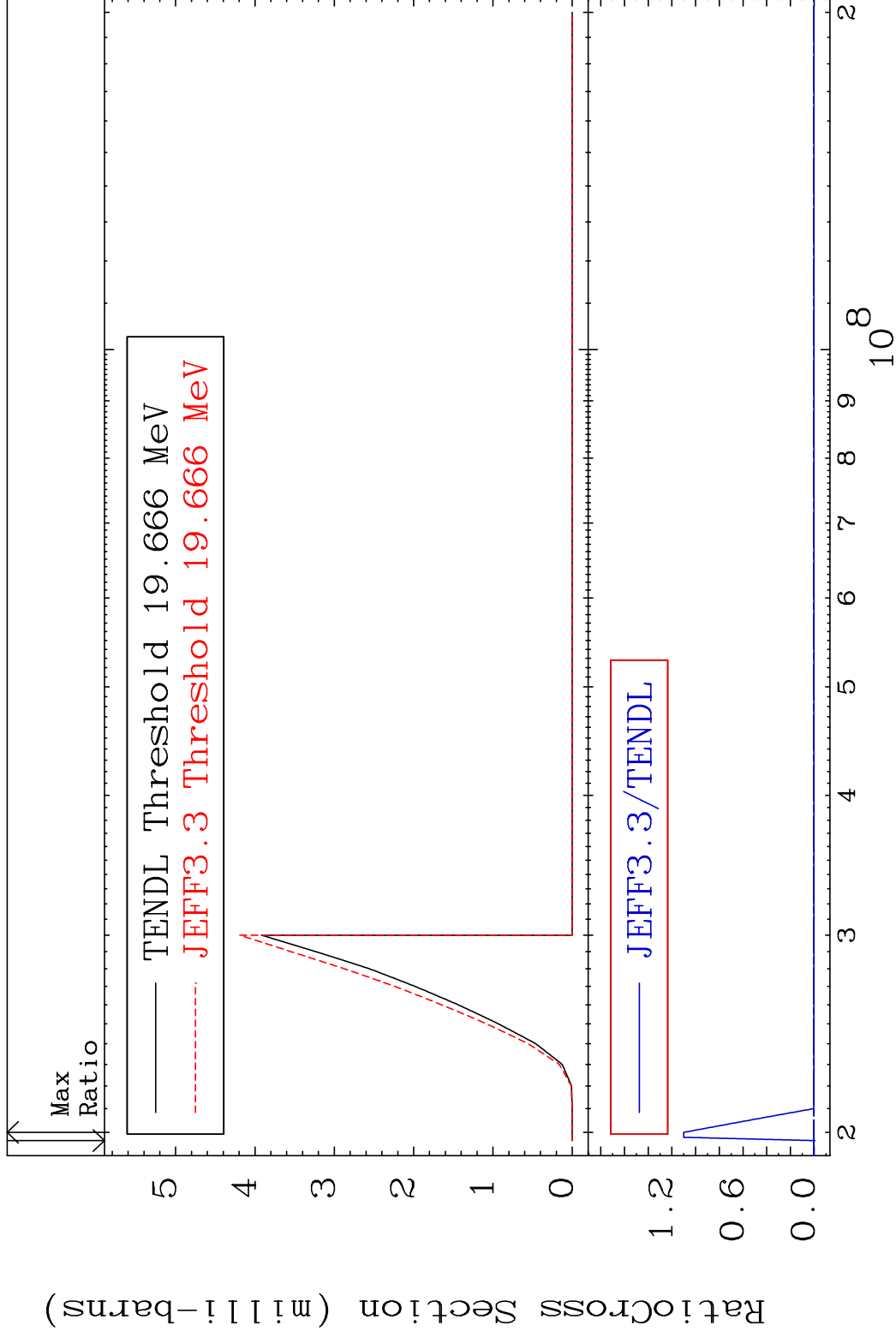


MAT 2025

(n, n') d

20-Ca-40

Cross Section -100.0 To 9999. %

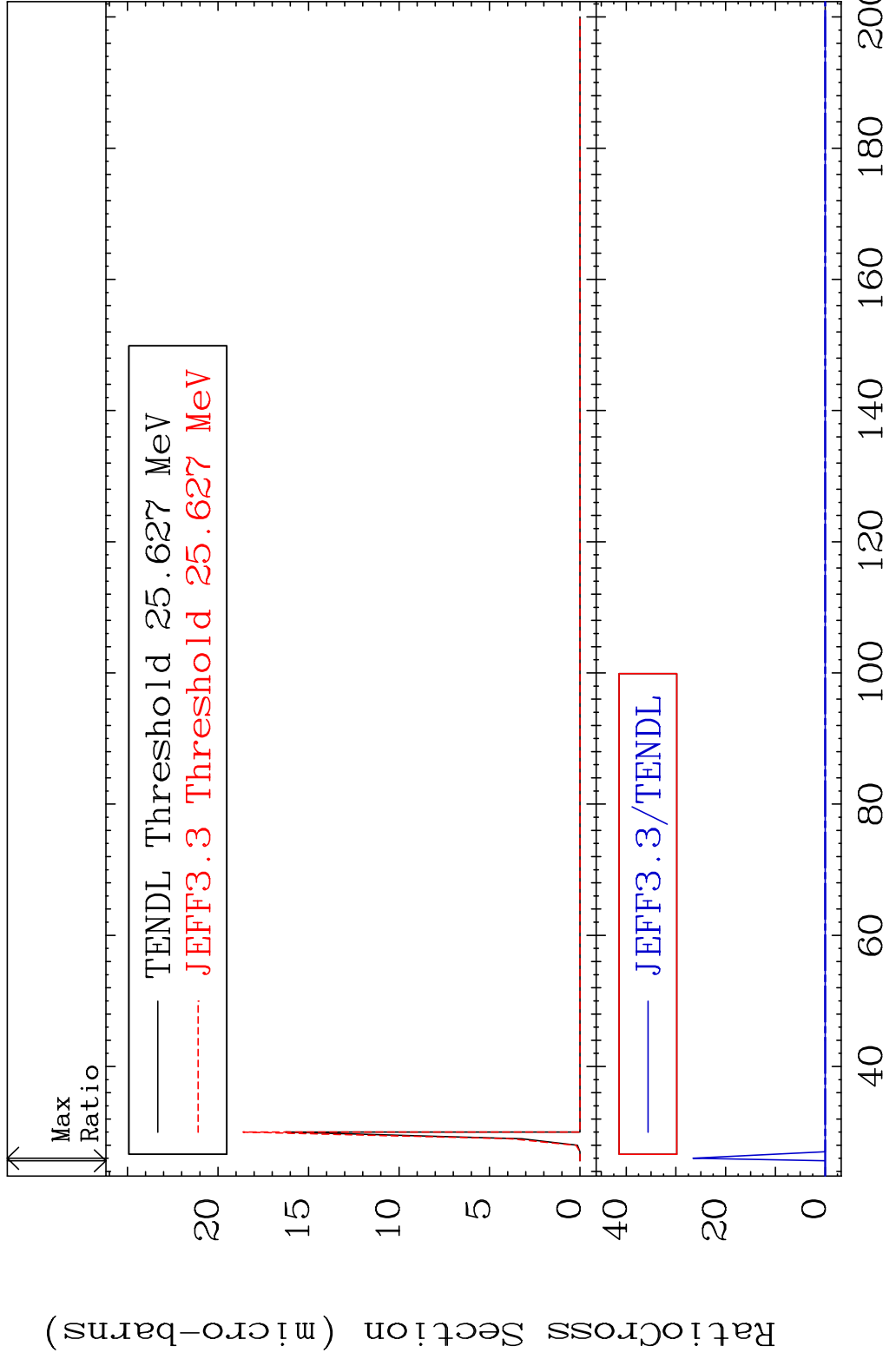


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Incident Energy (eV)

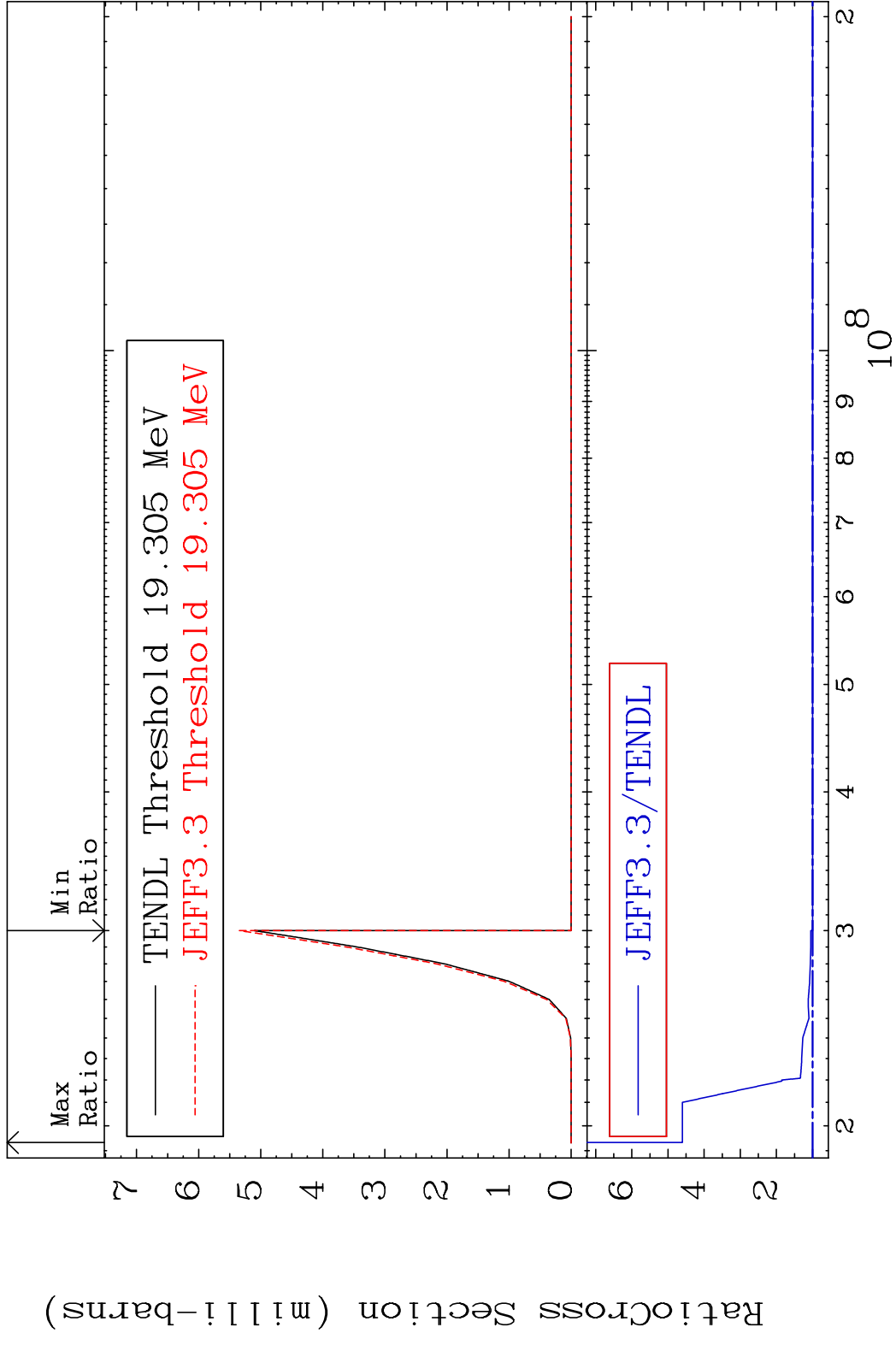
20-Ca-40

MAT 2025 (n, n') t 20-Ca-40
Cross Section -100.0 To 9999. %

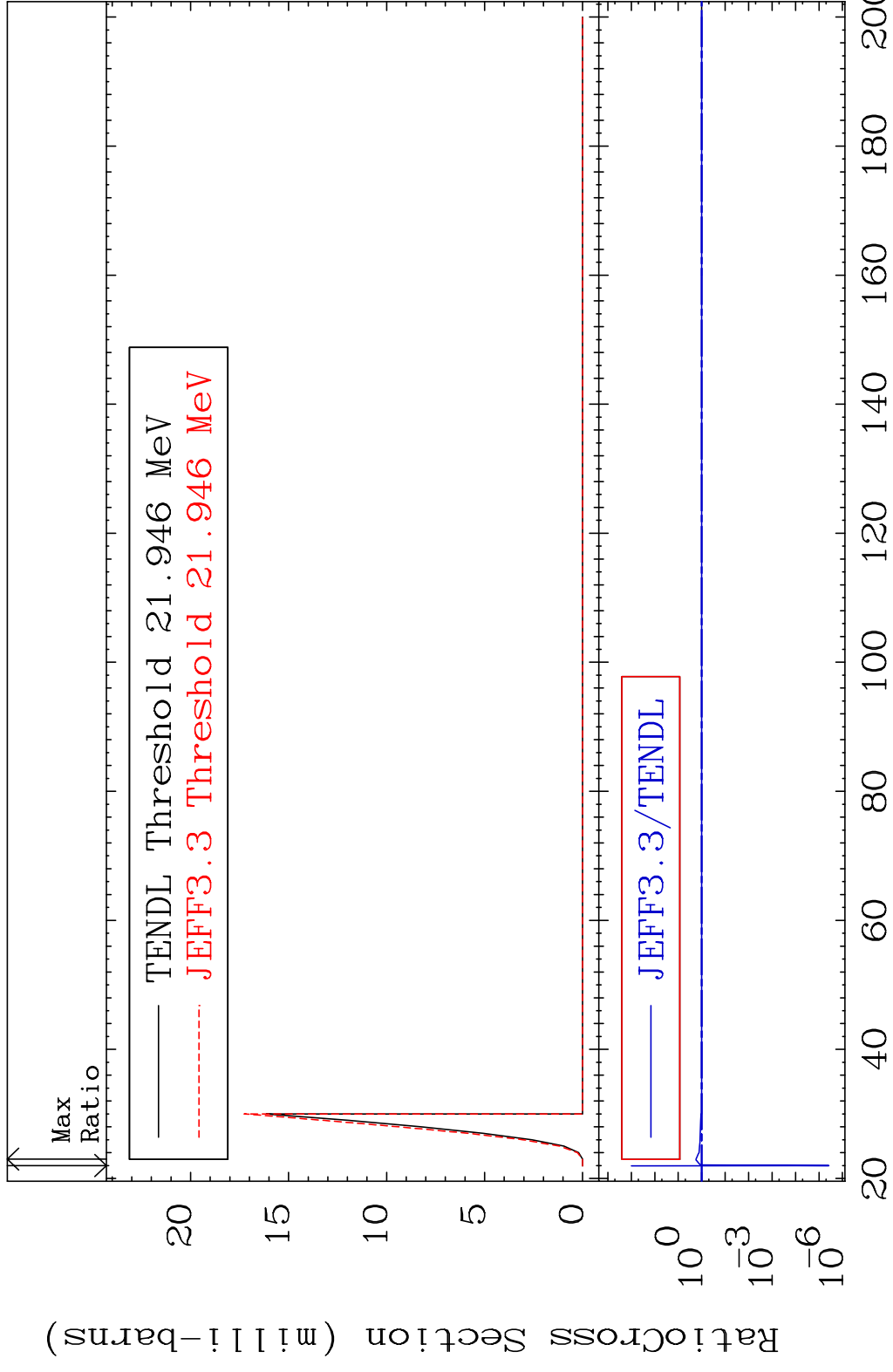


10 Incident Energy (MeV) 20-Ca-40

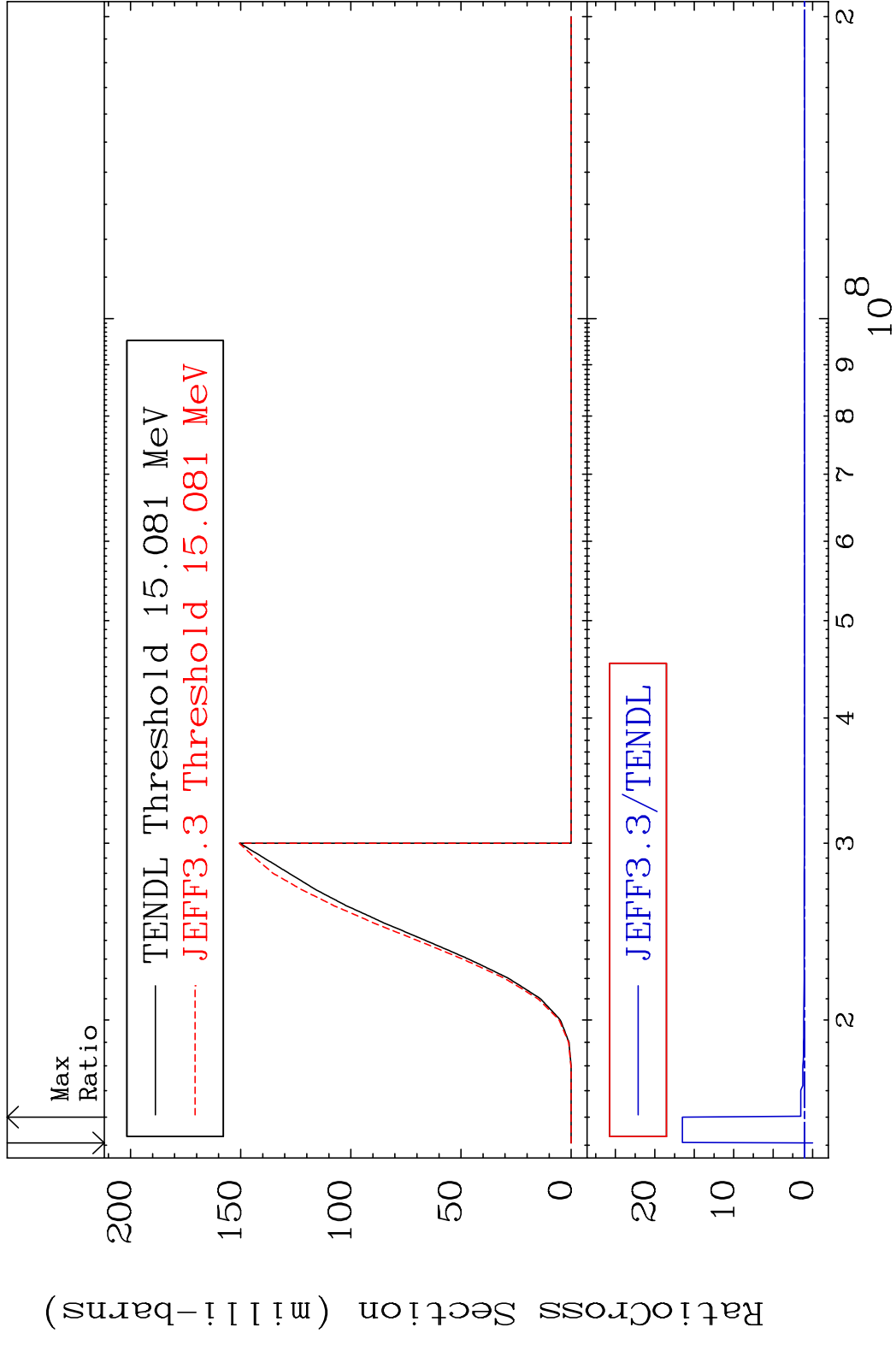
MAT 2025 (n,n') He-3 20-Ca-40
 Cross Section 0.000 To 360.2 %



MAT 2025 (n,2n) p 20-Ca-40
 Cross Section -100.0 To 74.60 %



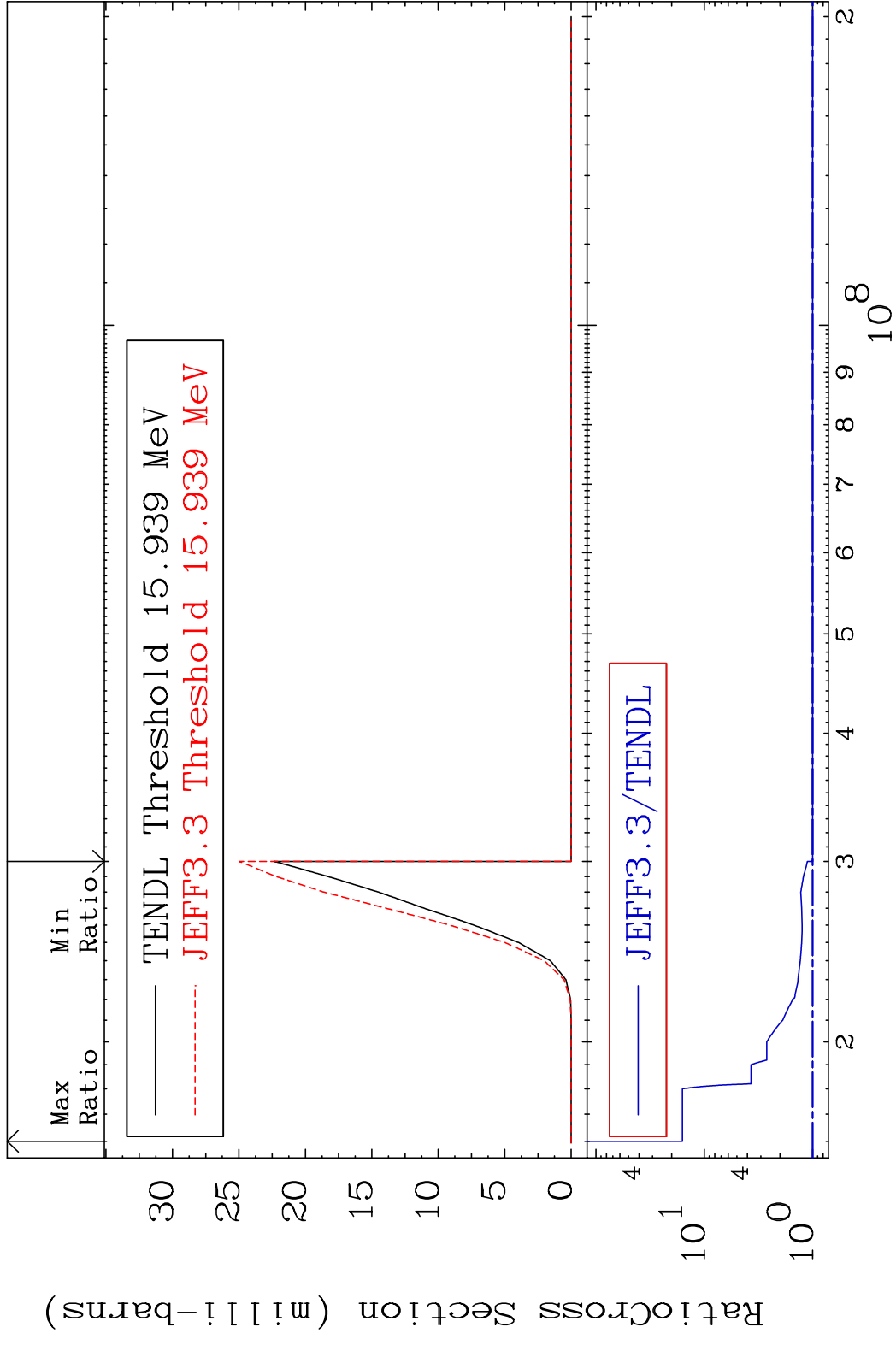
MAT 2025 (n,2n) p 20-Ca-40
 Cross Section -100.0 To 1551. %



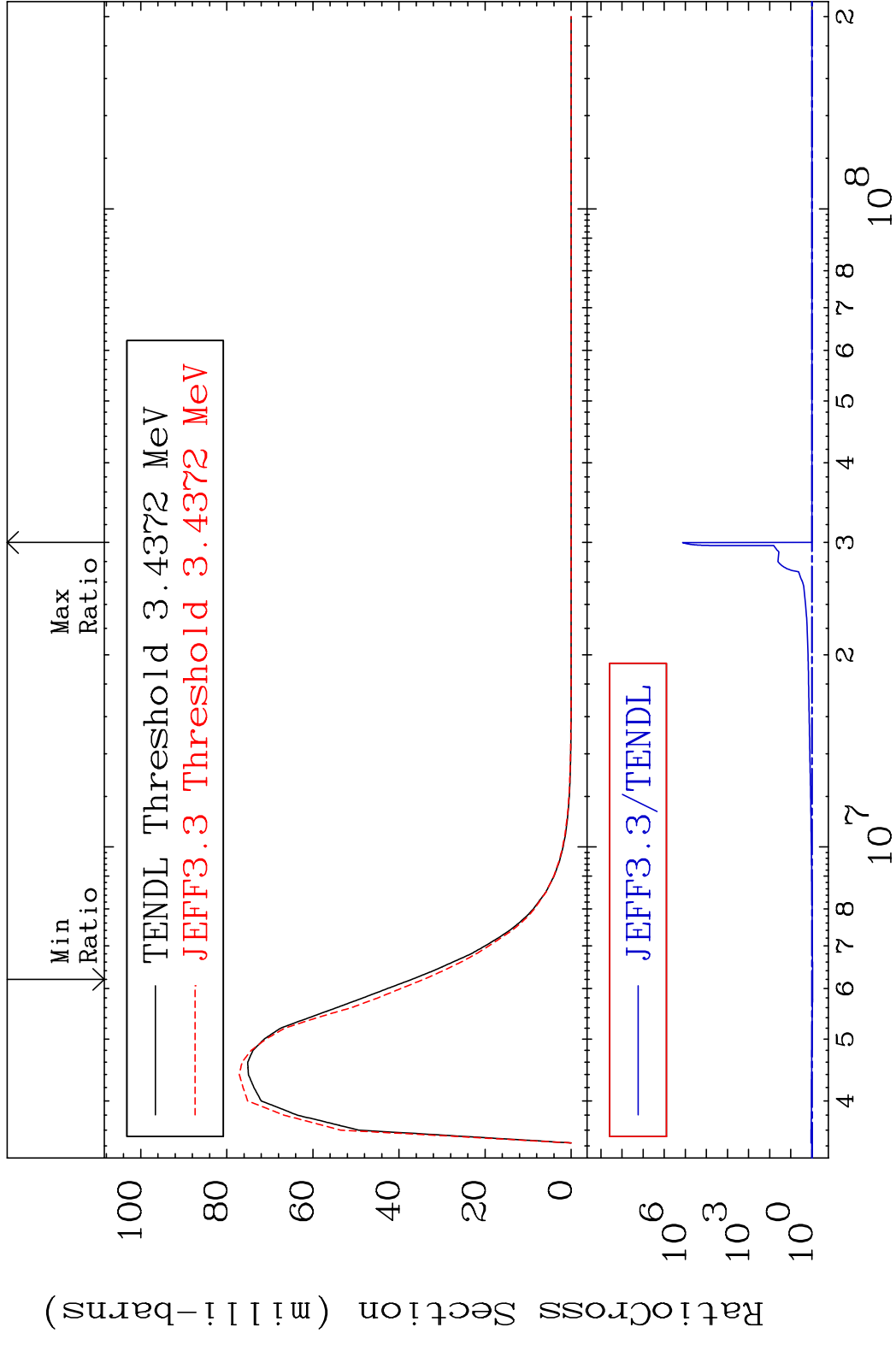
MAT 2025

(n,n') p α

20-Ca-40
Cross Section 0.000 To 1494. %

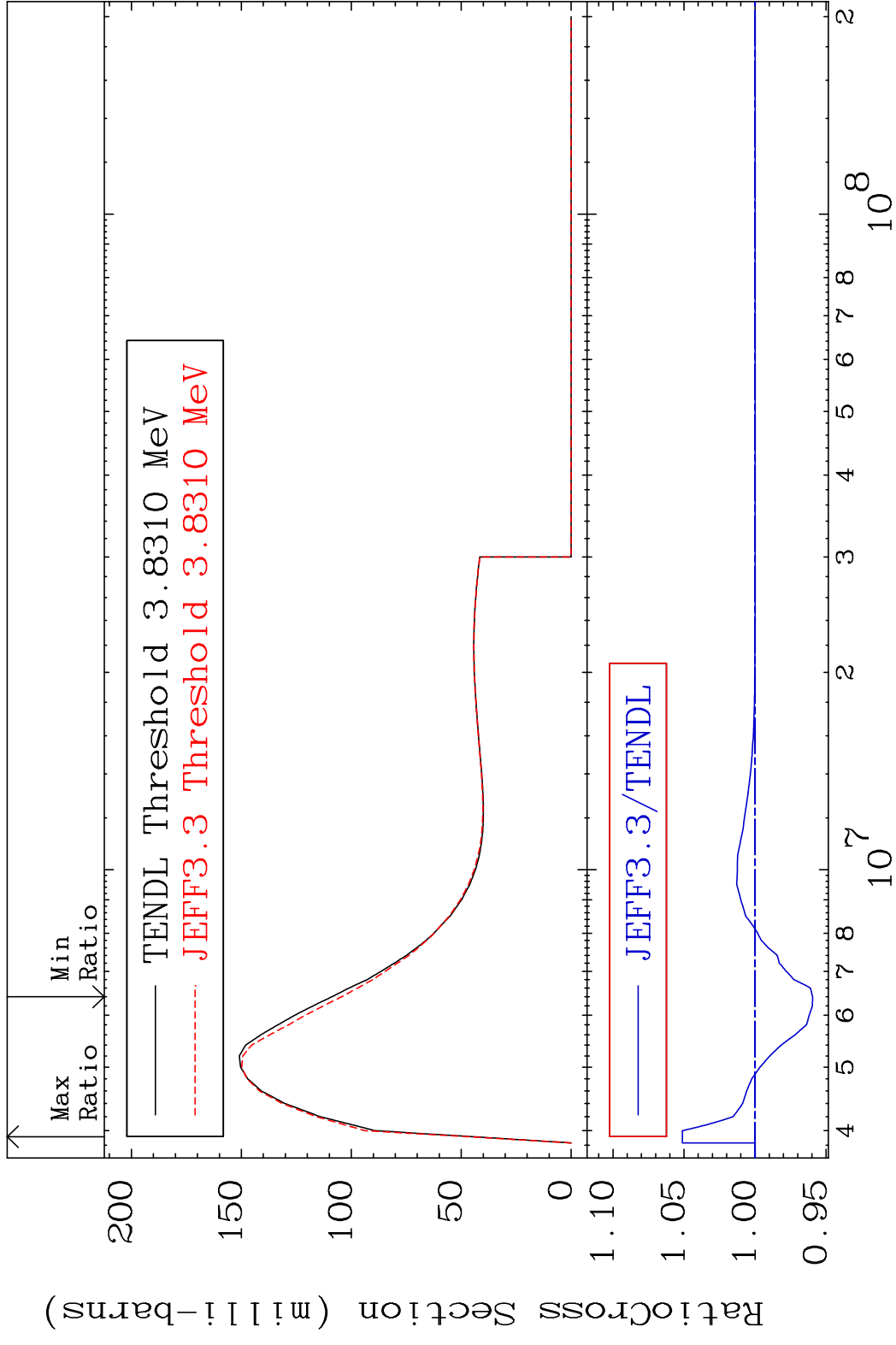


MAT 2025 MT= 51 (n,n') Level 20-Ca-40
 Cross Section -7.385 To 9999. %

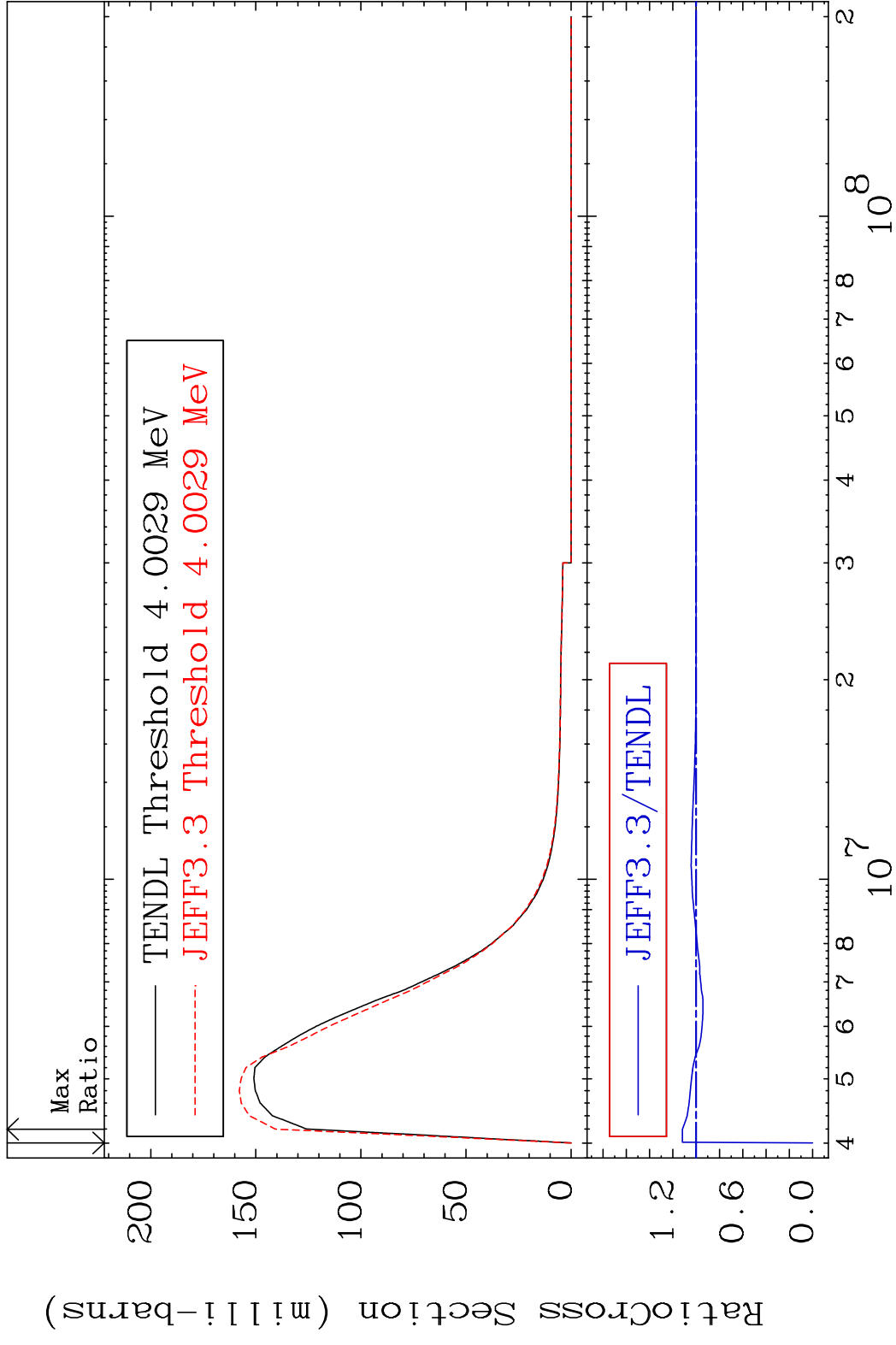


15 Incident Energy (eV) 20-Ca-40

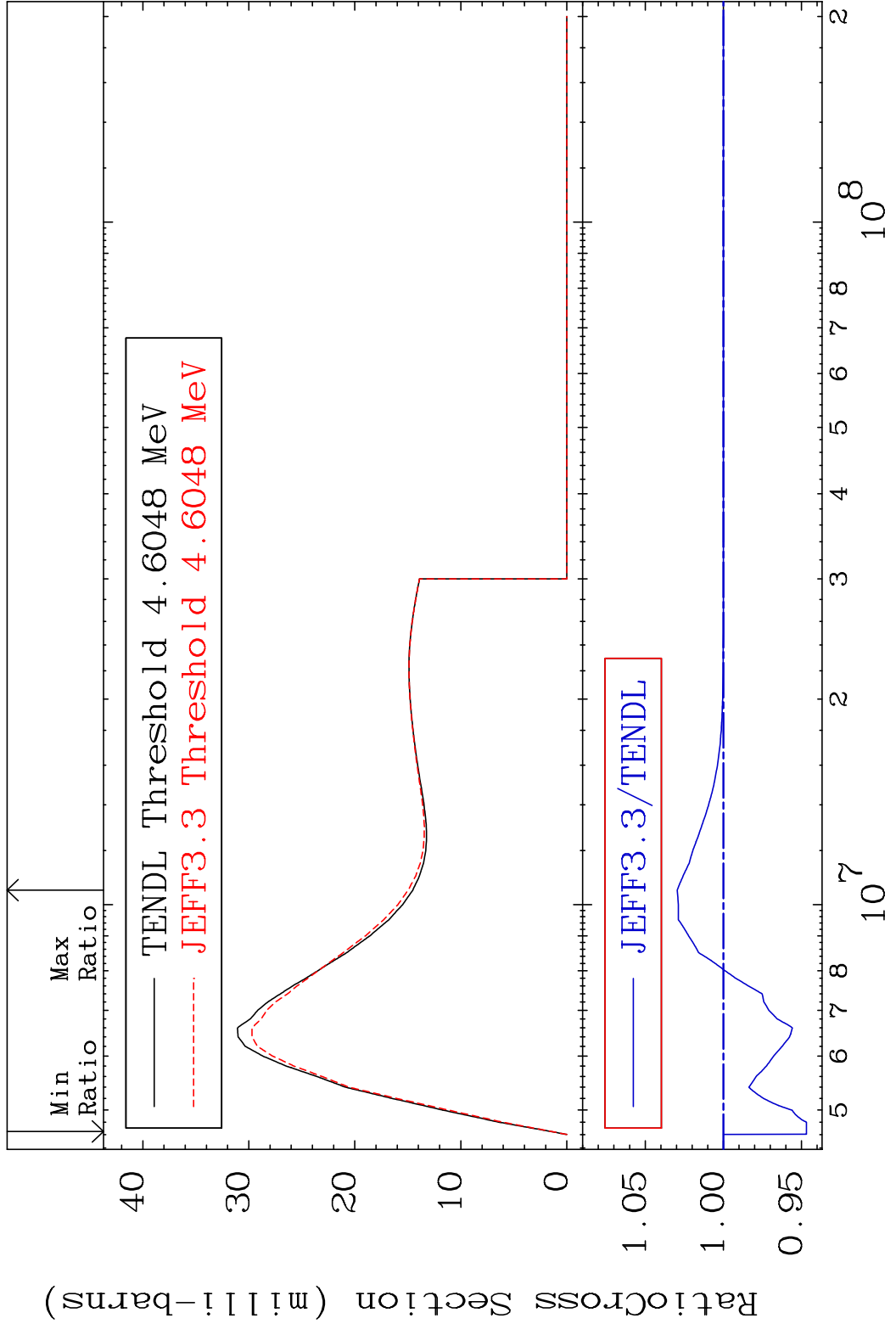
MAT 2025 MT= 52 (n,n') Level 20-Ca-40
 Cross Section -4.047 To 5.117 %



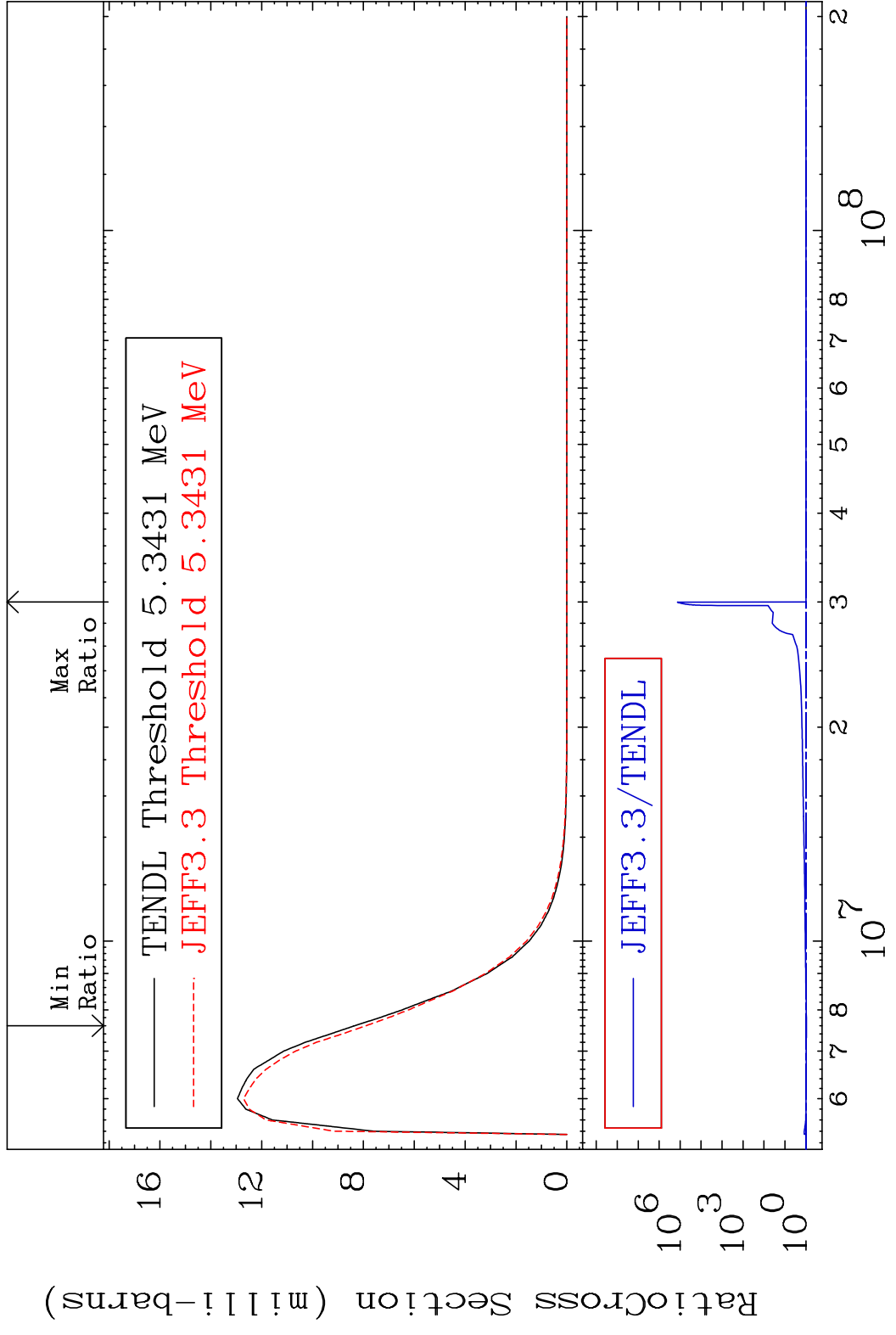
MAT 2025 MT= 53 (n,n') Level 20-Ca-40
 Cross Section -100.0 To 11.88 %



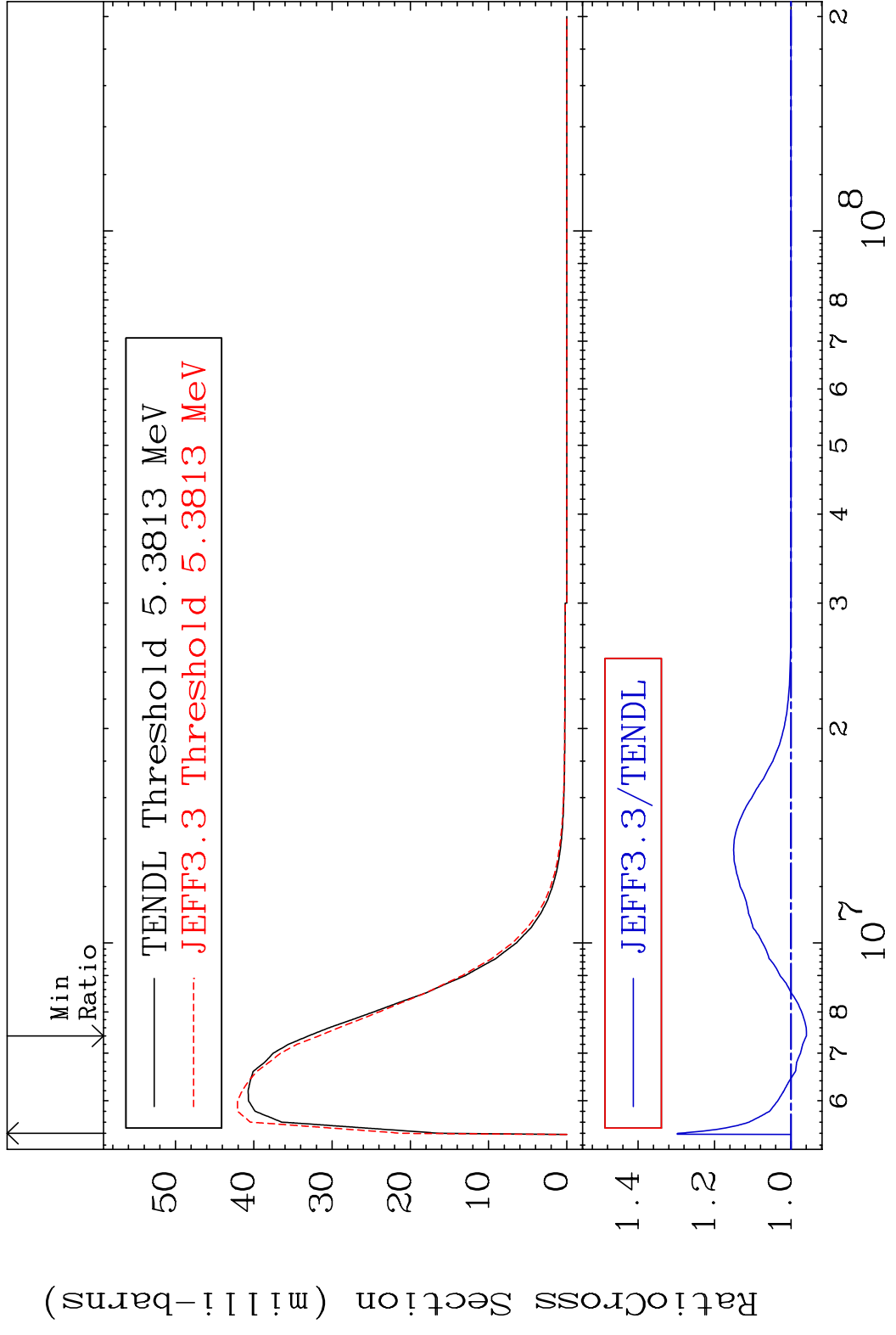
MAT 2025 MT= 54 (n,n') Level 20-Ca-40
 Cross Section -5.312 To 2.955 %



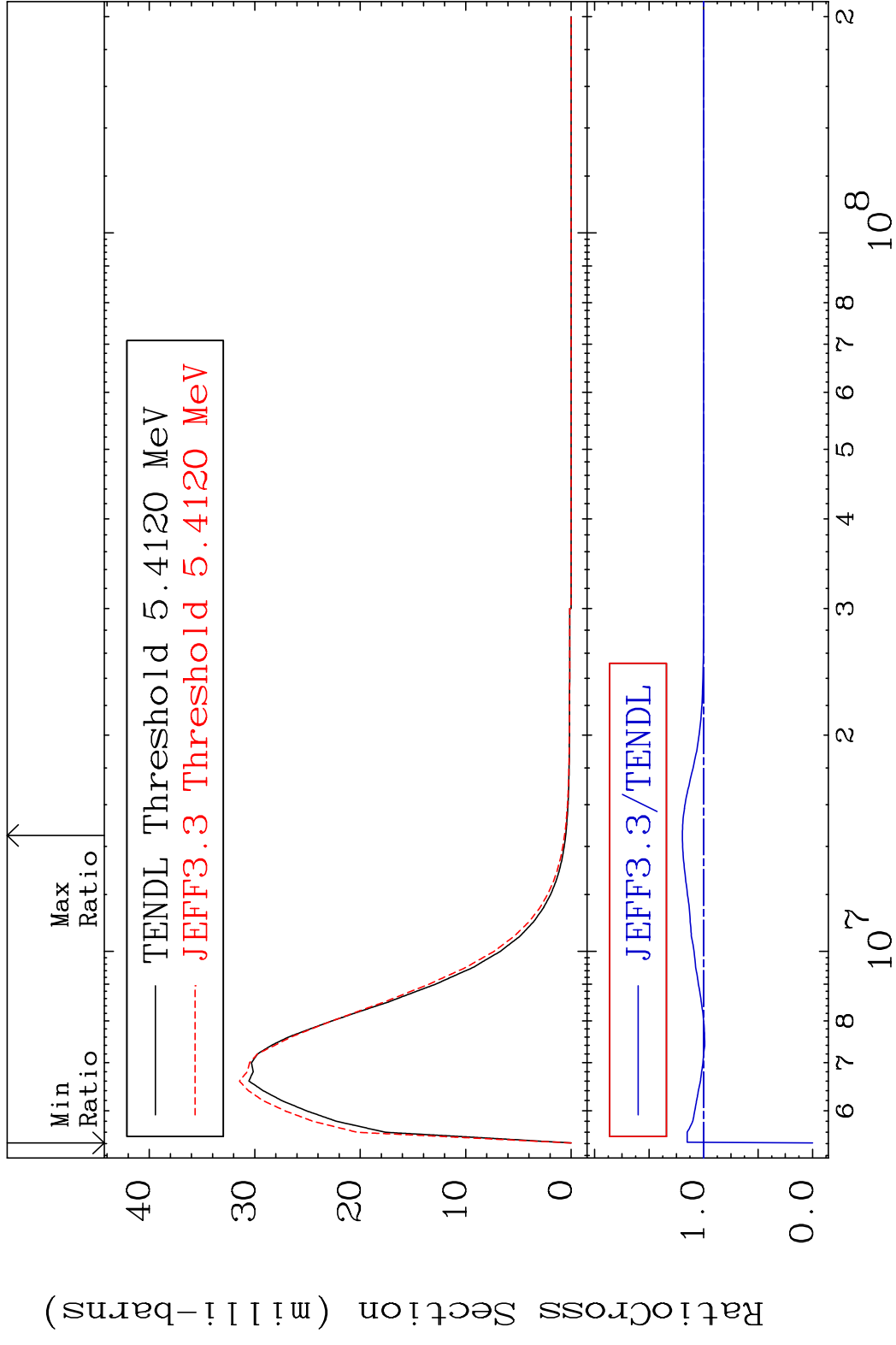
MAT 2025 MT= 55 (n, n') Level 20-Ca-40
 Cross Section -5.308 To 9999. %



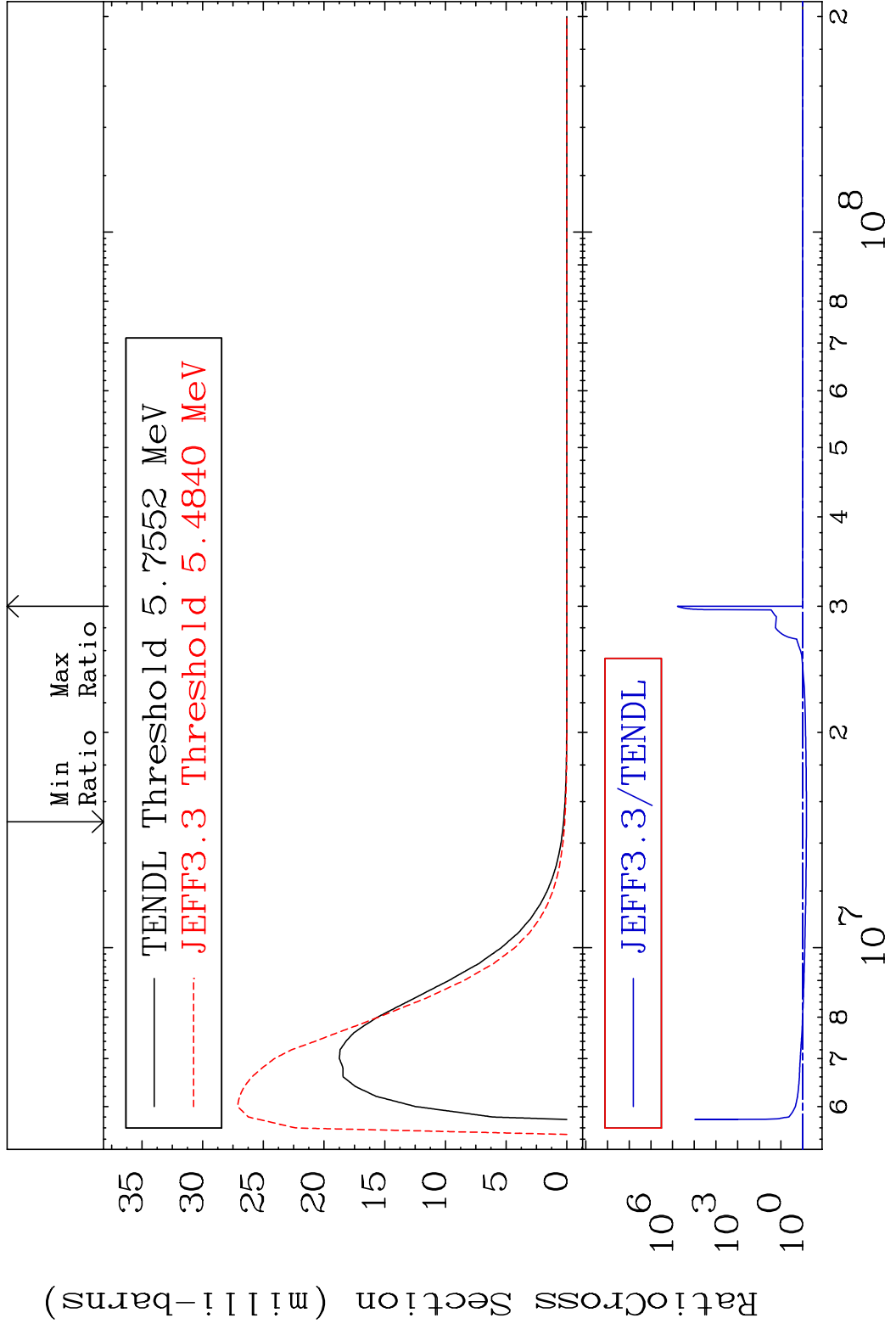
MAT 2025 MT= 56 (n,n') Level 20-Ca-40
 Cross Section -4.029 To 29.79 %



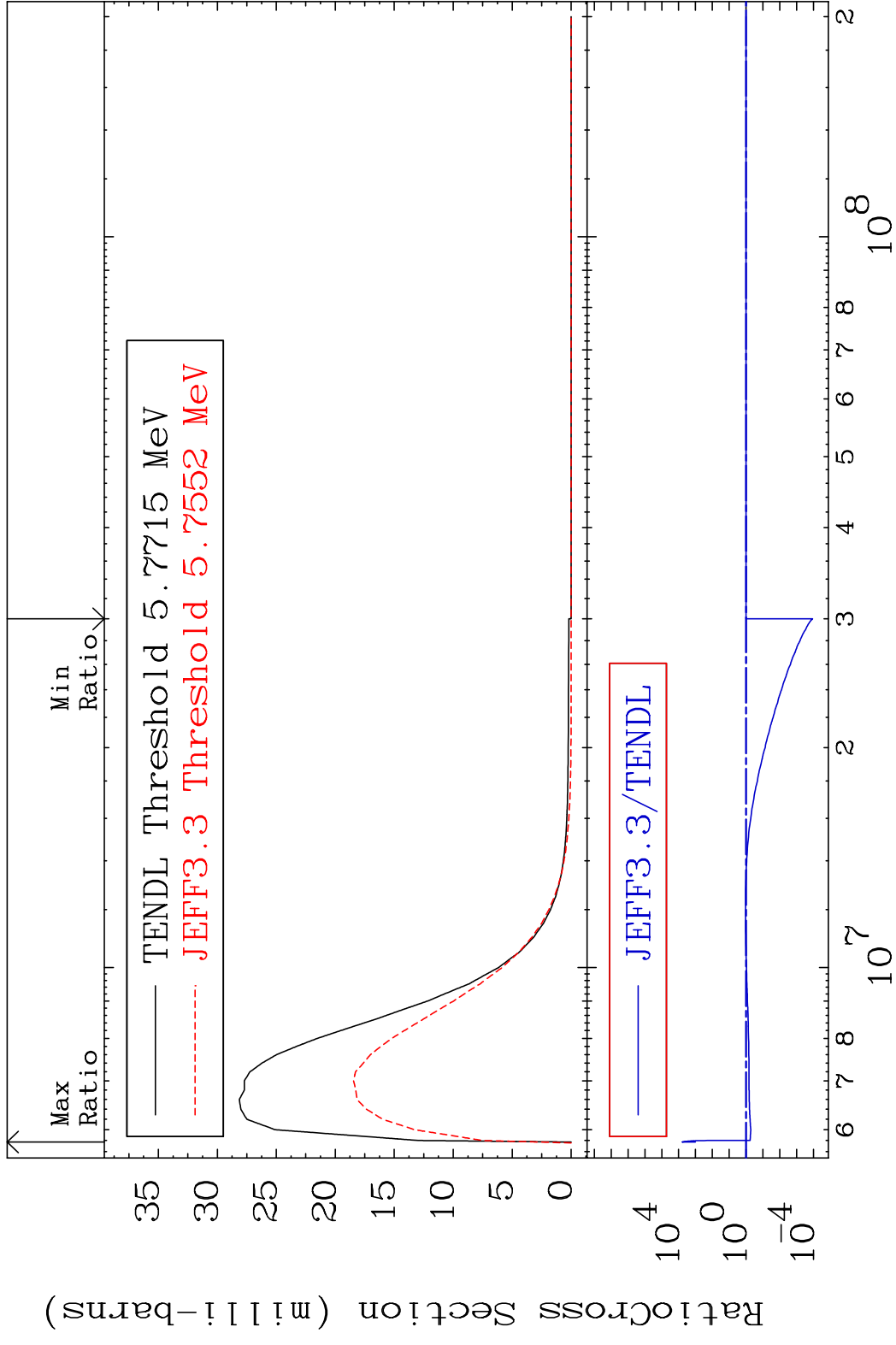
MAT 2025 MT= 57 (n,n') Level 20-Ca-40
 Cross Section -100.0 To 19.53 %



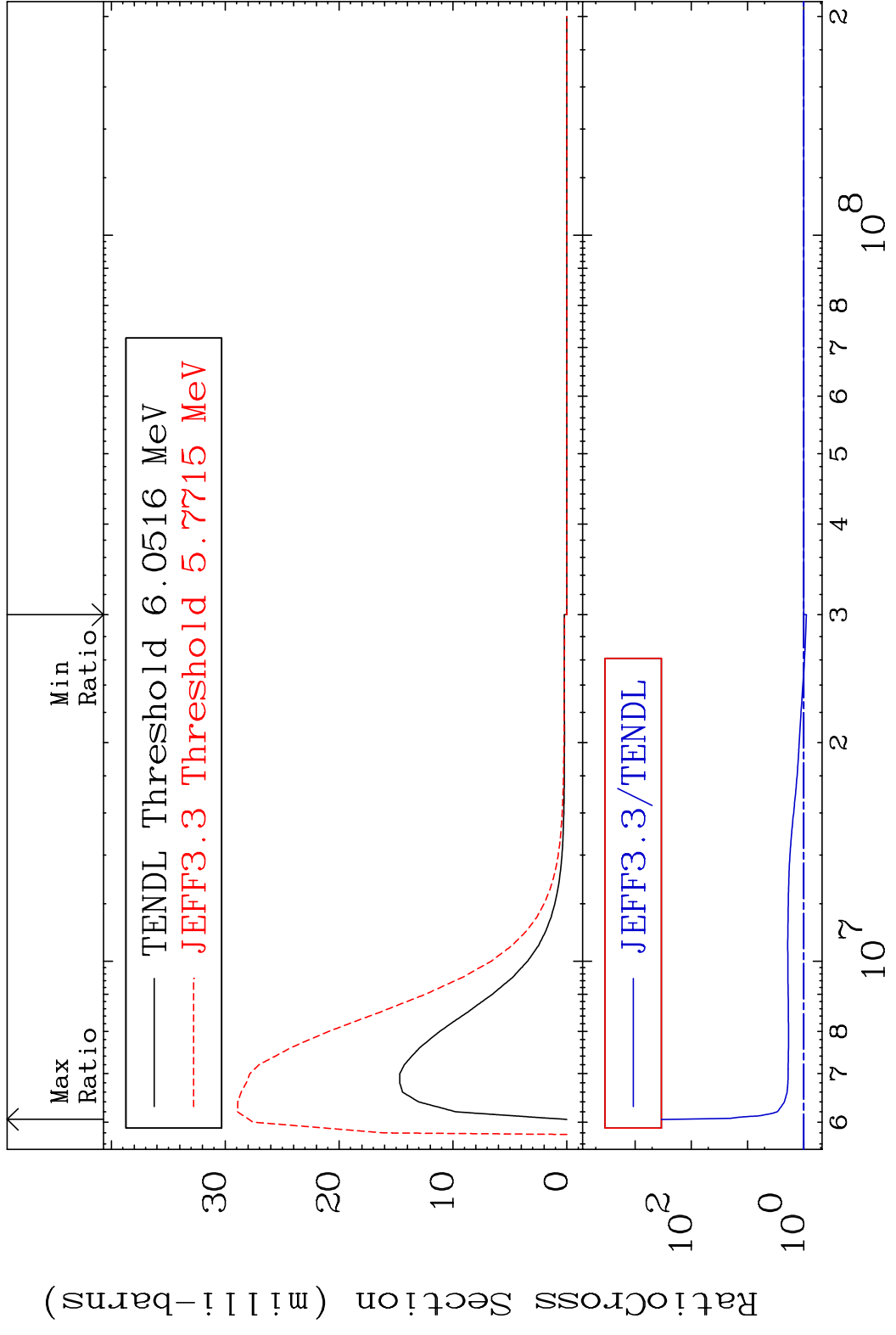
MAT 2025 MT= 58 (n, n') Level 20-Ca-40
 Cross Section -33.04 To 9999. %



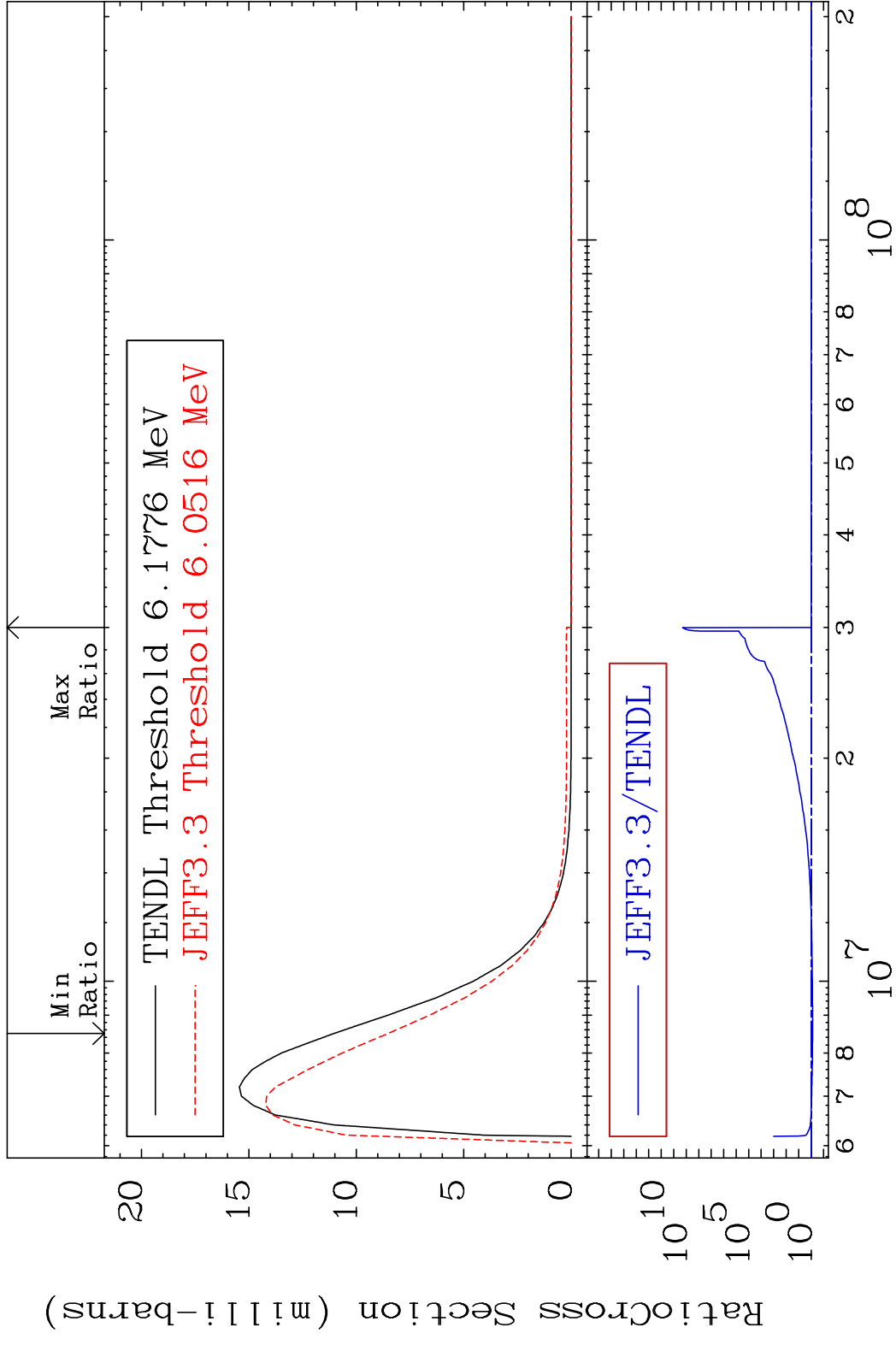
MAT 2025 MT= 59 (n,n') Level 20-Ca-40
 Cross Section -99.99 To 9999. %



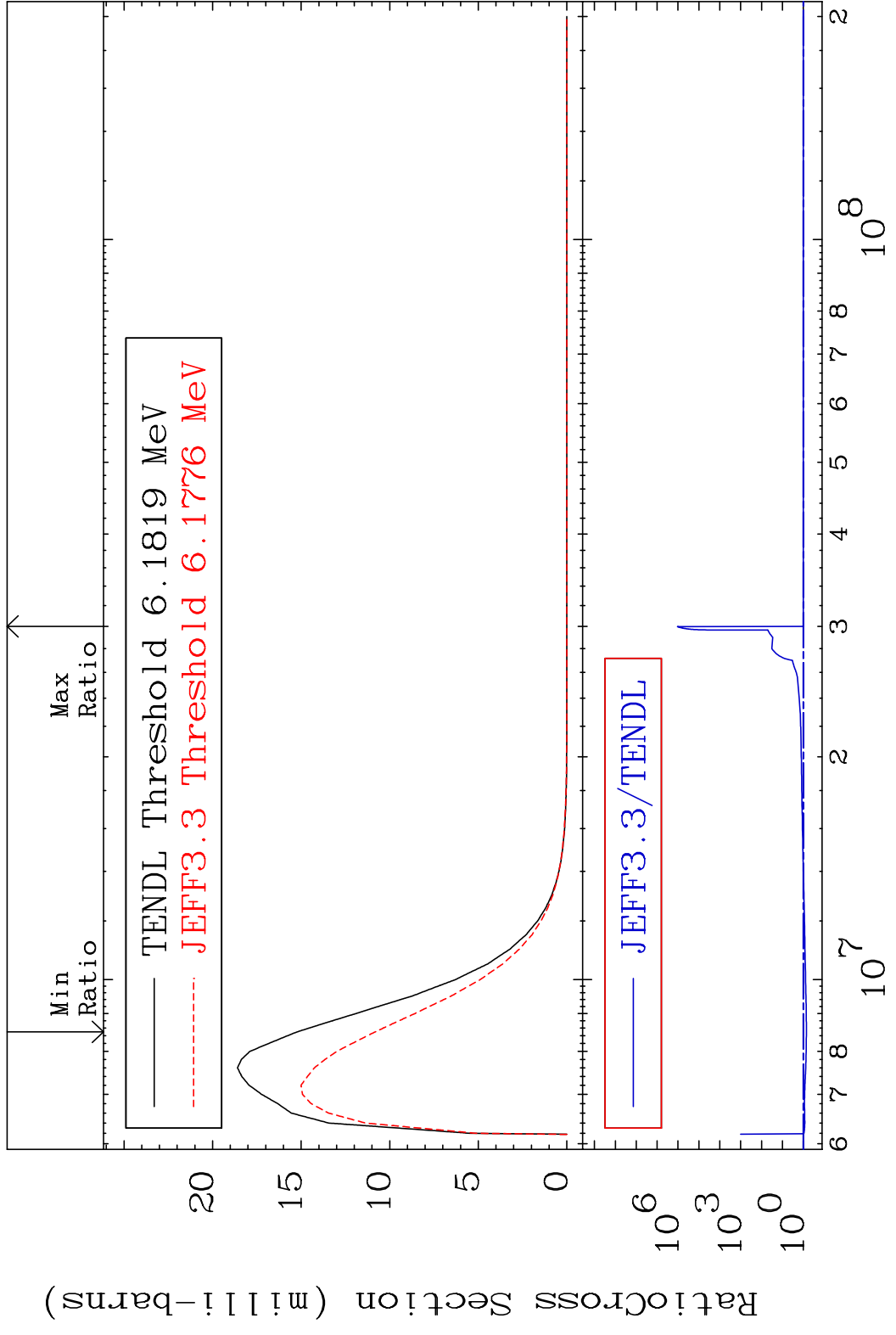
MAT 2025 MT= 60 (n,n') Level 20-Ca-40
 Cross Section -9.981 To 9999. %



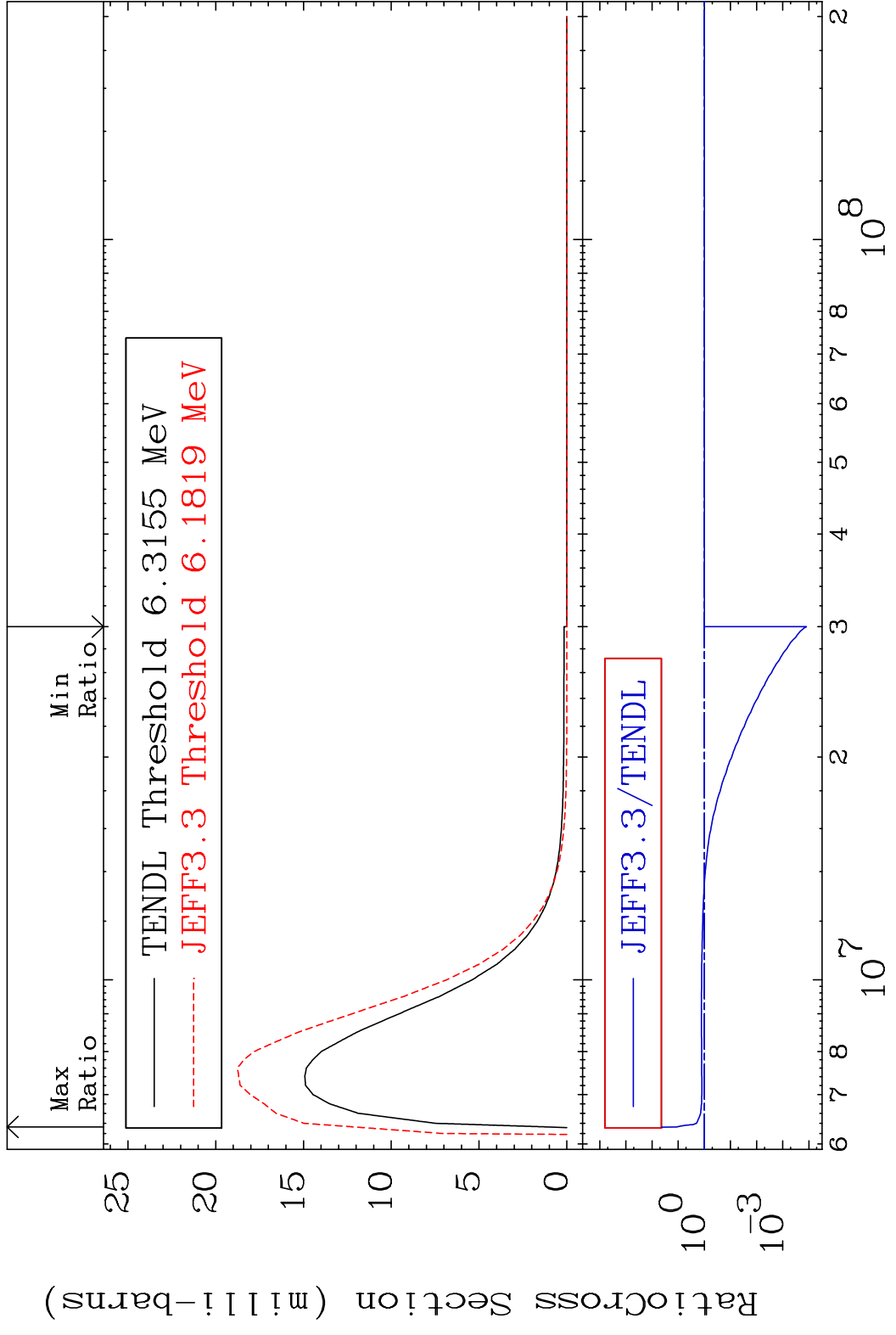
MAT 2025 MT= 61 (n, n') Level 20-Ca-40
 Cross Section -22.84 To 9999. %



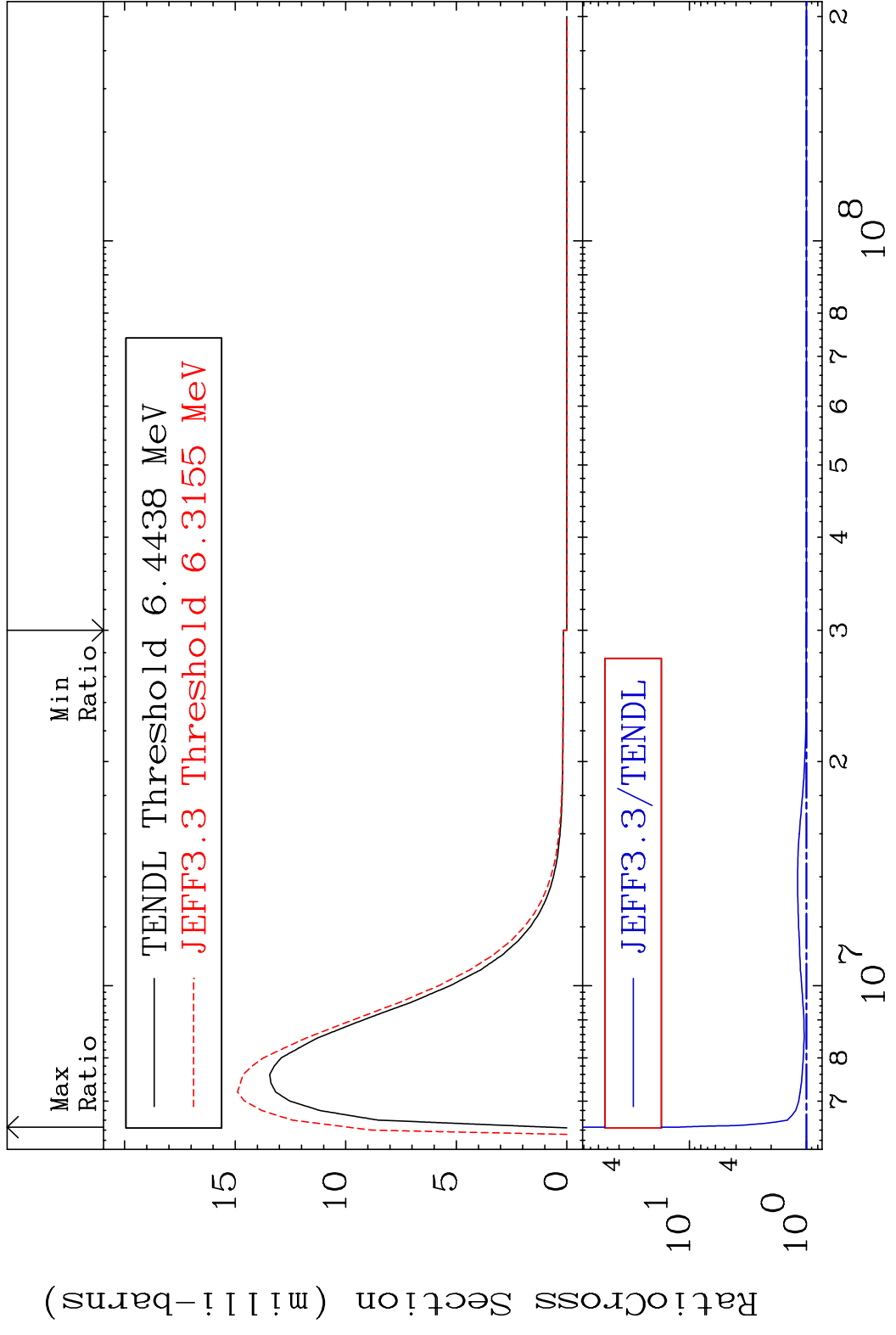
MAT 2025 MT= 62 (n, n') Level 20-Ca-40
 Cross Section -28.96 To 9999. %



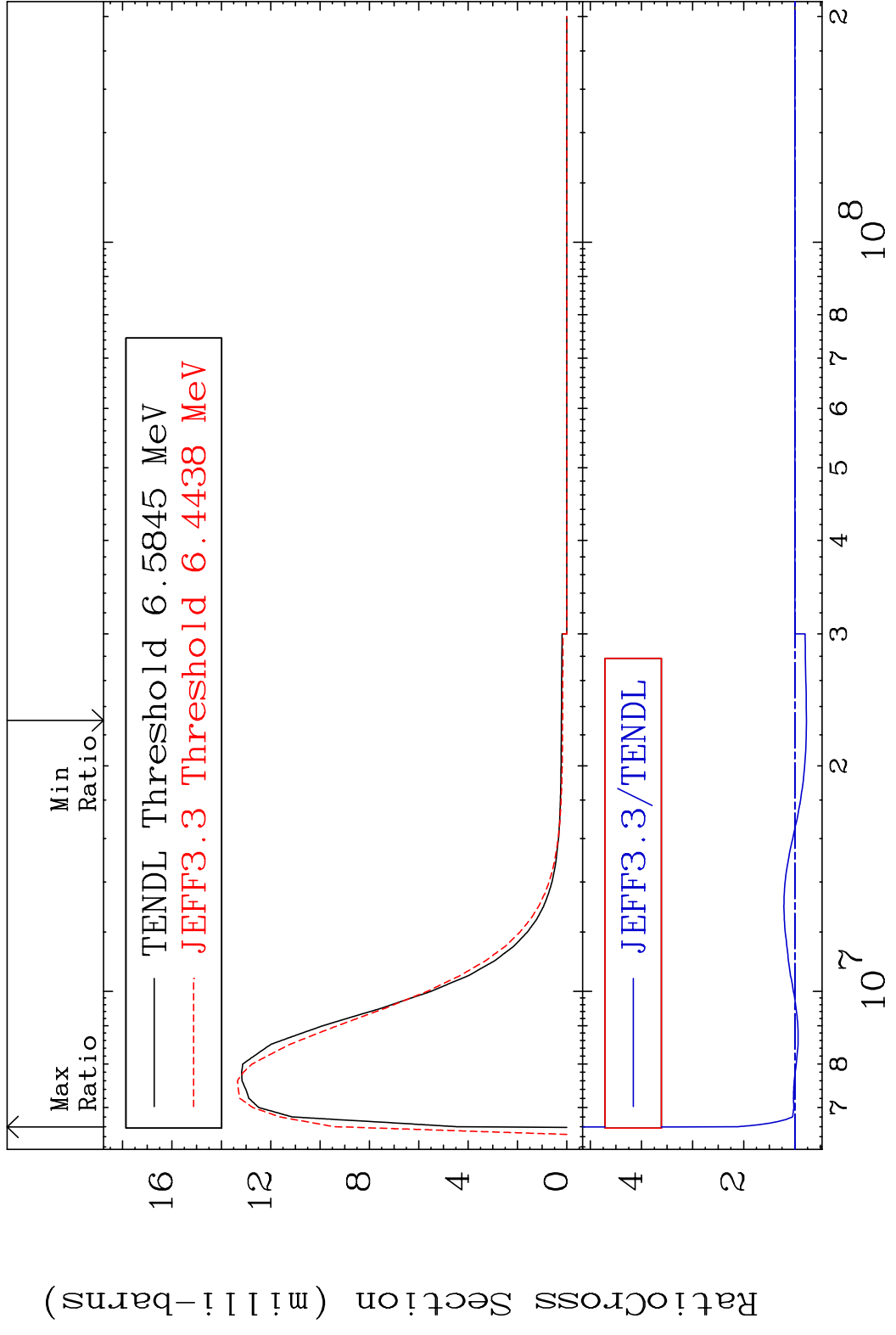
MAT 2025 MT= 63 (n, n') Level 20-Ca-40
 Cross Section -99.99 To 993.1 %



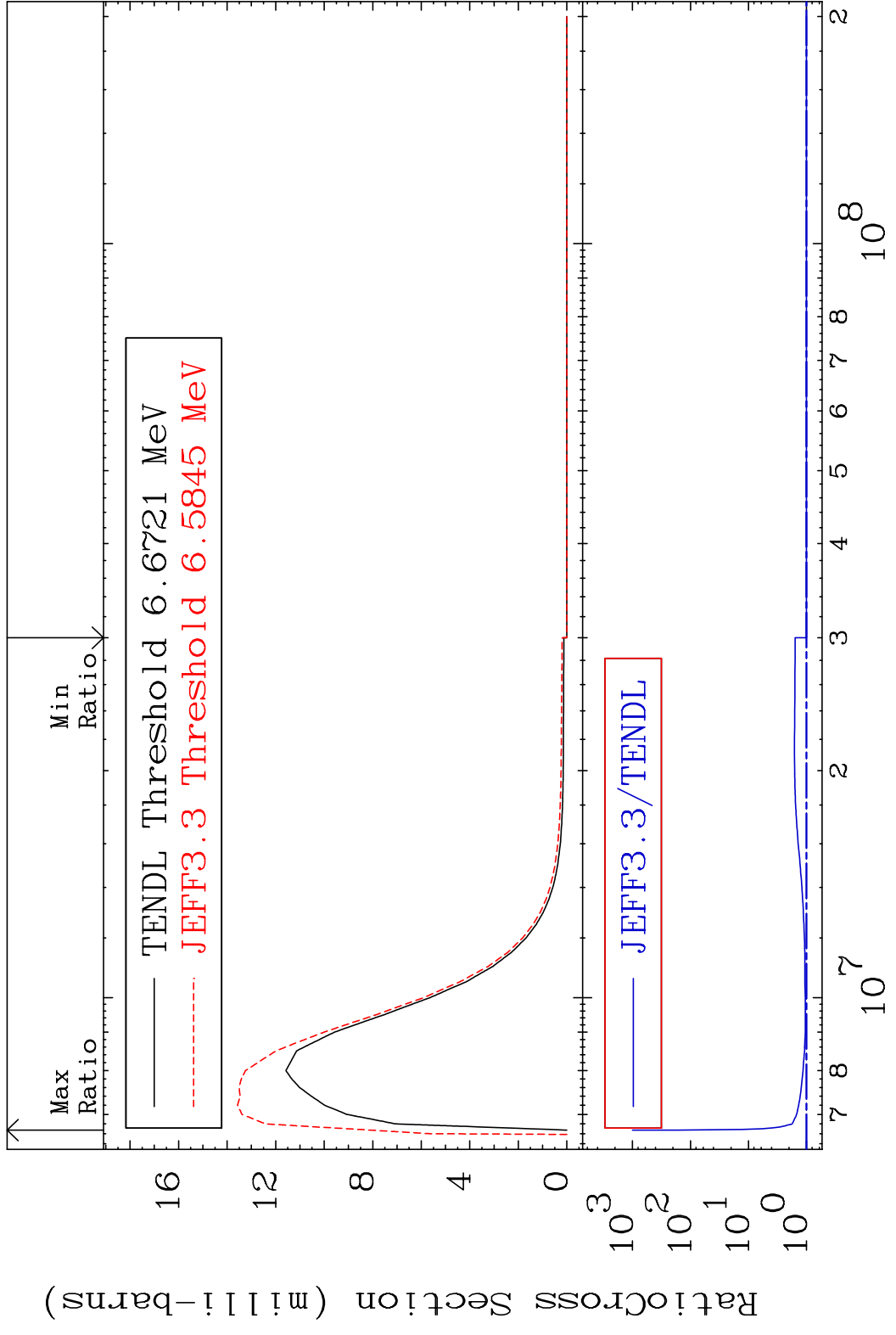
MAT 2025 MT= 64 (n,n') Level 20-Ca-40
 Cross Section 0.000 To 1172. %



MAT 2025 MT= 65 (n,n') Level 20-Ca-40
 Cross Section -22.50 To 230.2 %

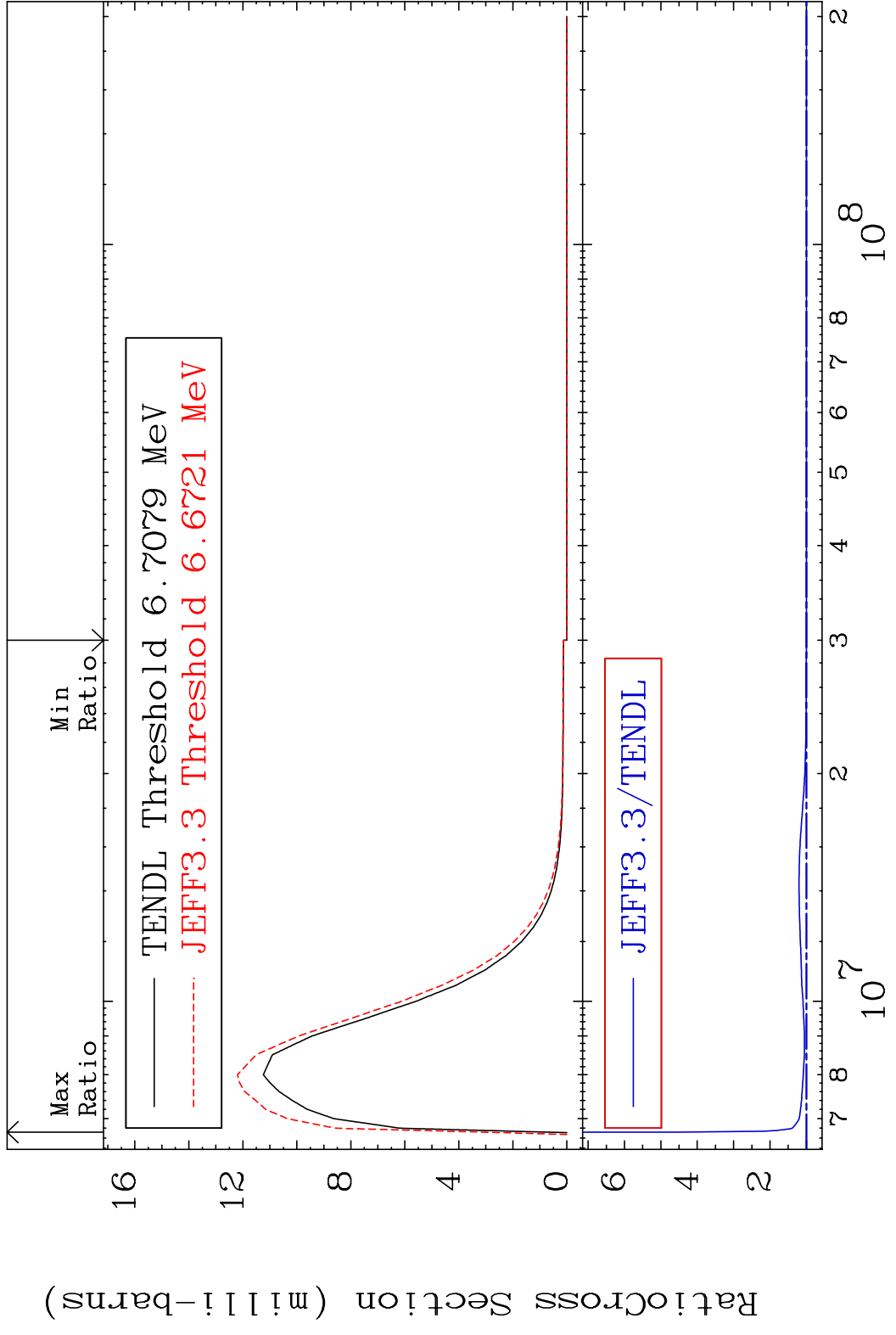


MAT 2025 MT= 66 (n,n') Level 20-Ca-40
 Cross Section 0.000 To 9999. %

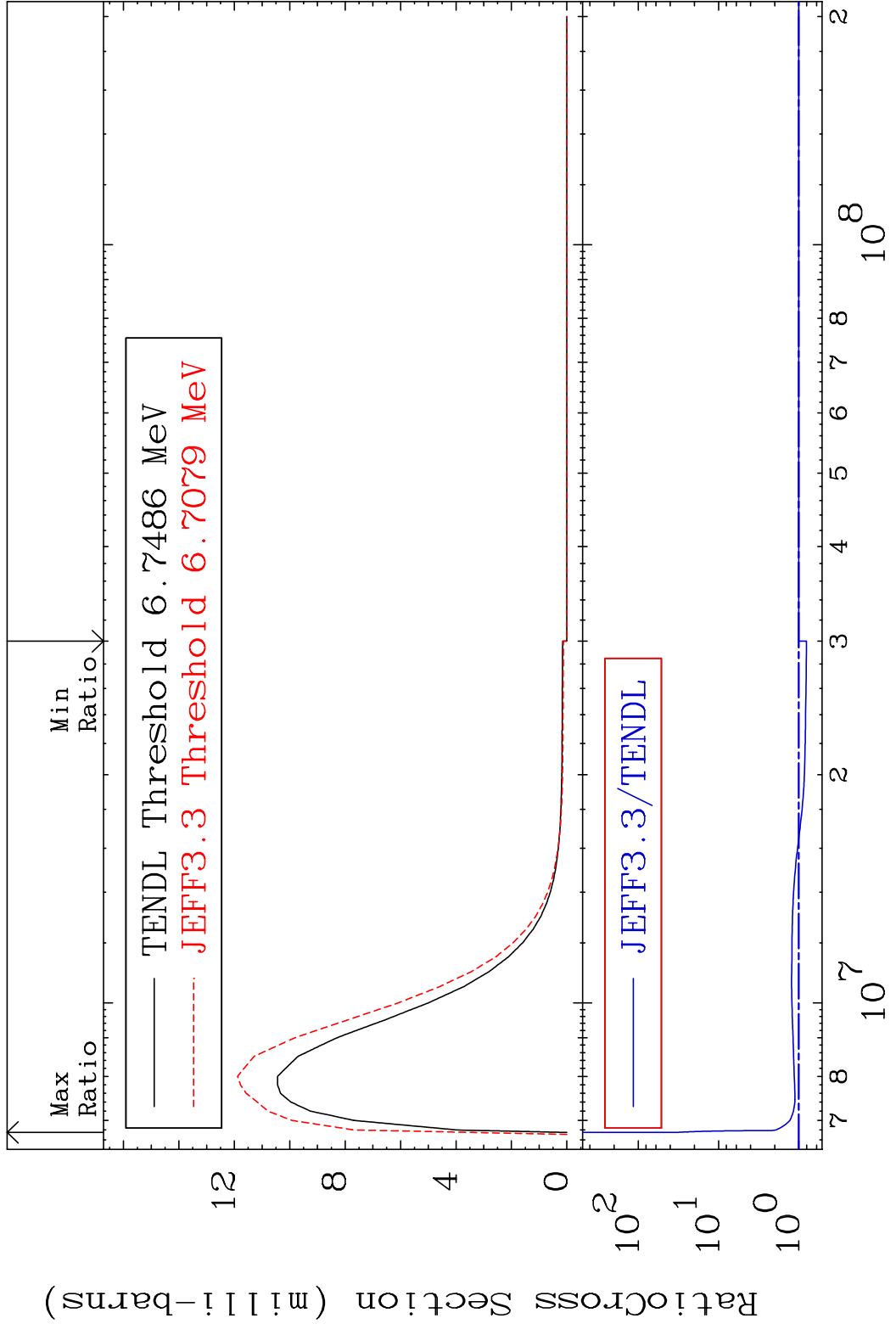


30 Incident Energy (eV) 20-Ca-40

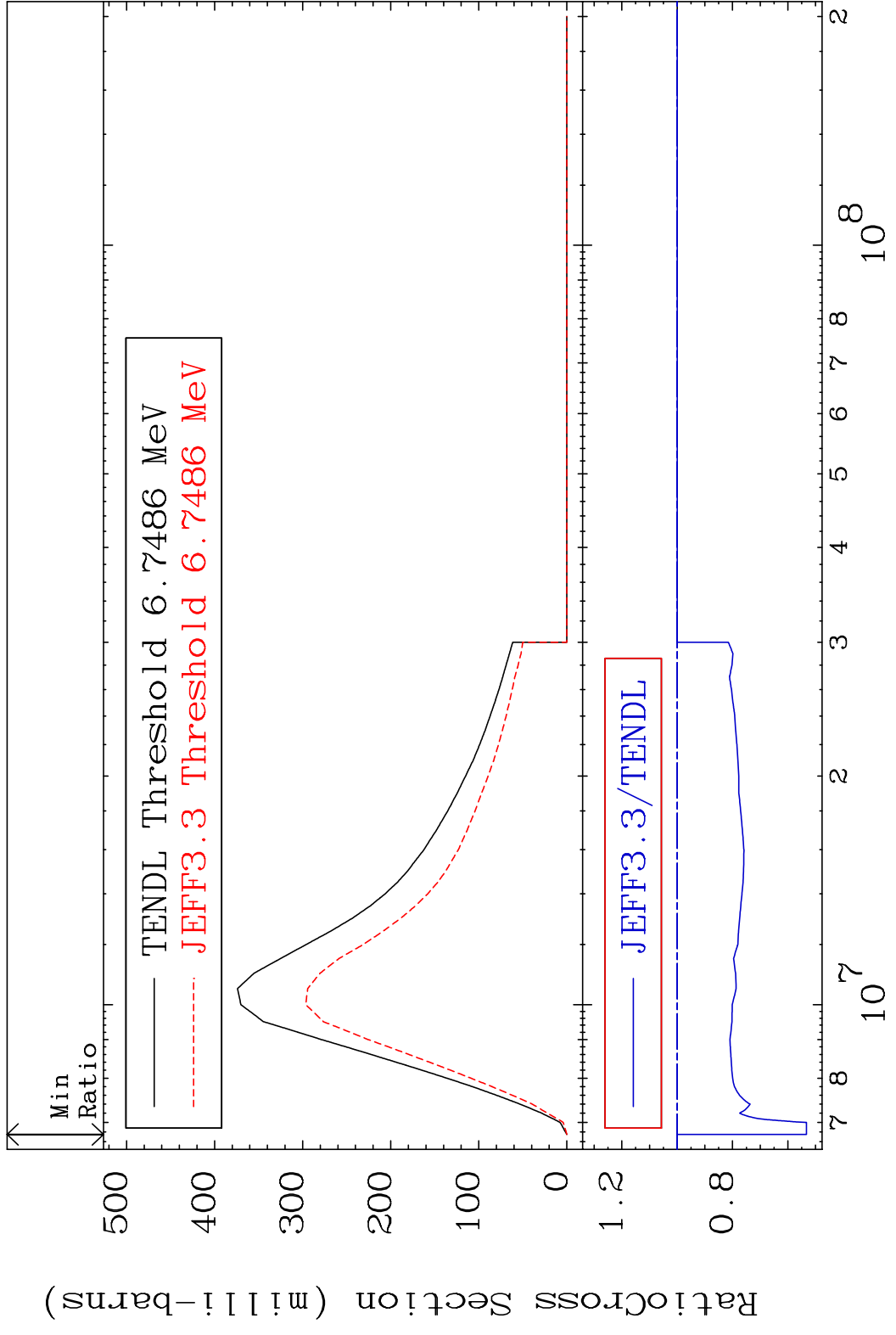
MAT 2025 MT= 67 (n,n') Level 20-Ca-40
 Cross Section 0.000 To 355.1 %



MAT 2025 MT= 68 (n,n') Level 20-Ca-40
 Cross Section -19.47 To 3173. %



MAT 2025 (n,n') Continuum 20-Ca-40
 Cross Section -46.70 To 0.000 %



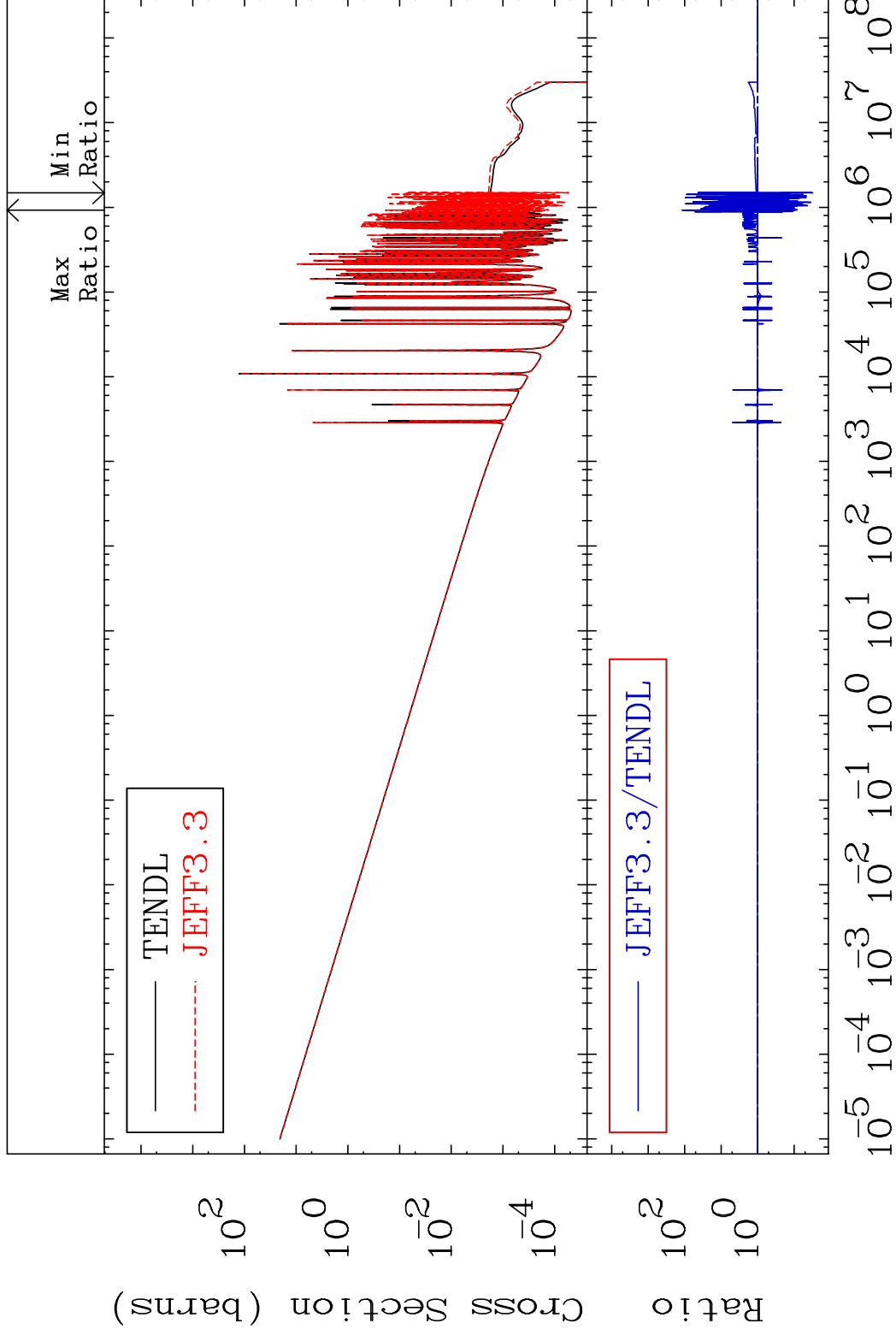
MAT 2025

(n, γ)

20-Ca-40

Cross Section

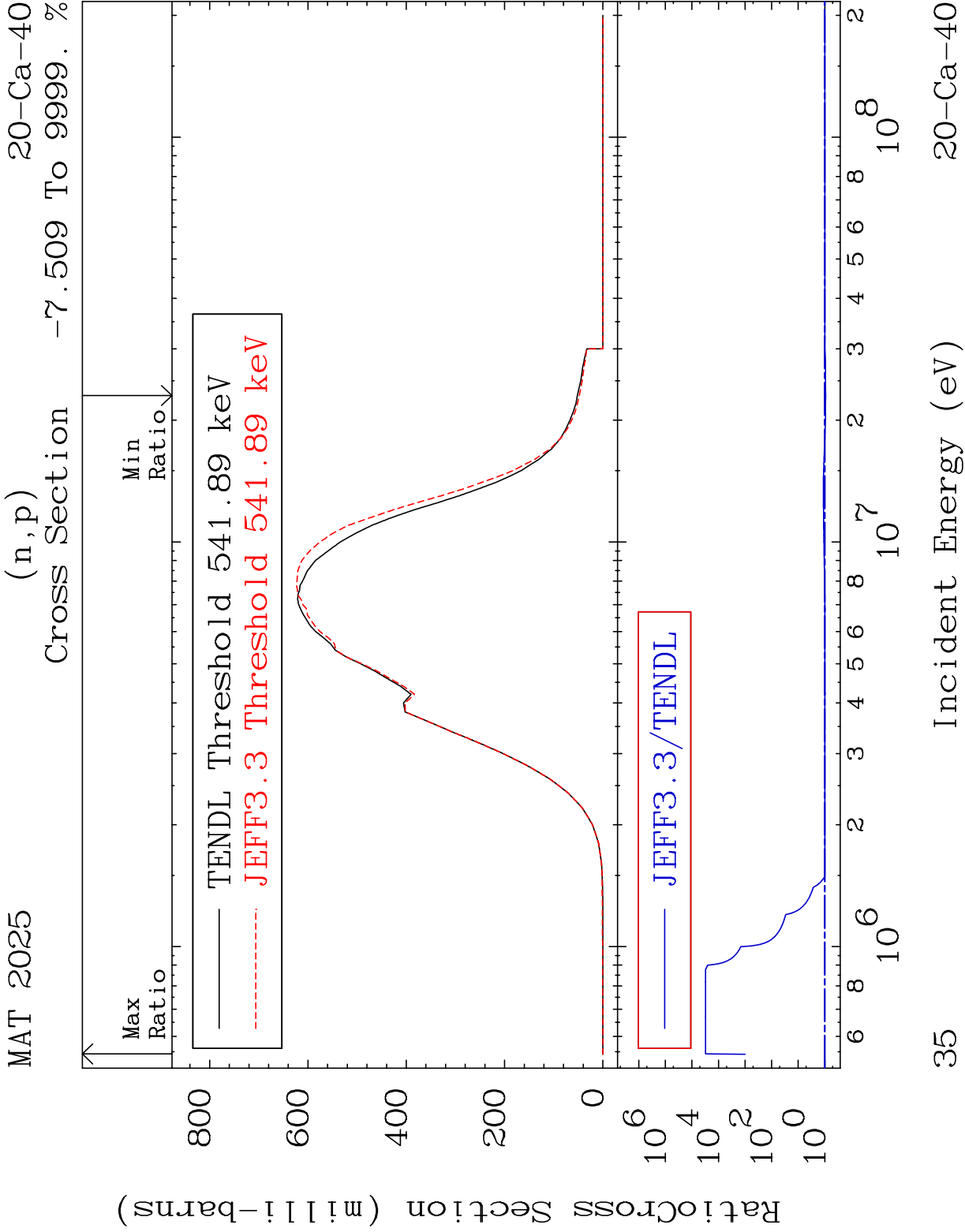
-96.89 To 9999. %



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Incident Energy (eV)

20-Ca-40

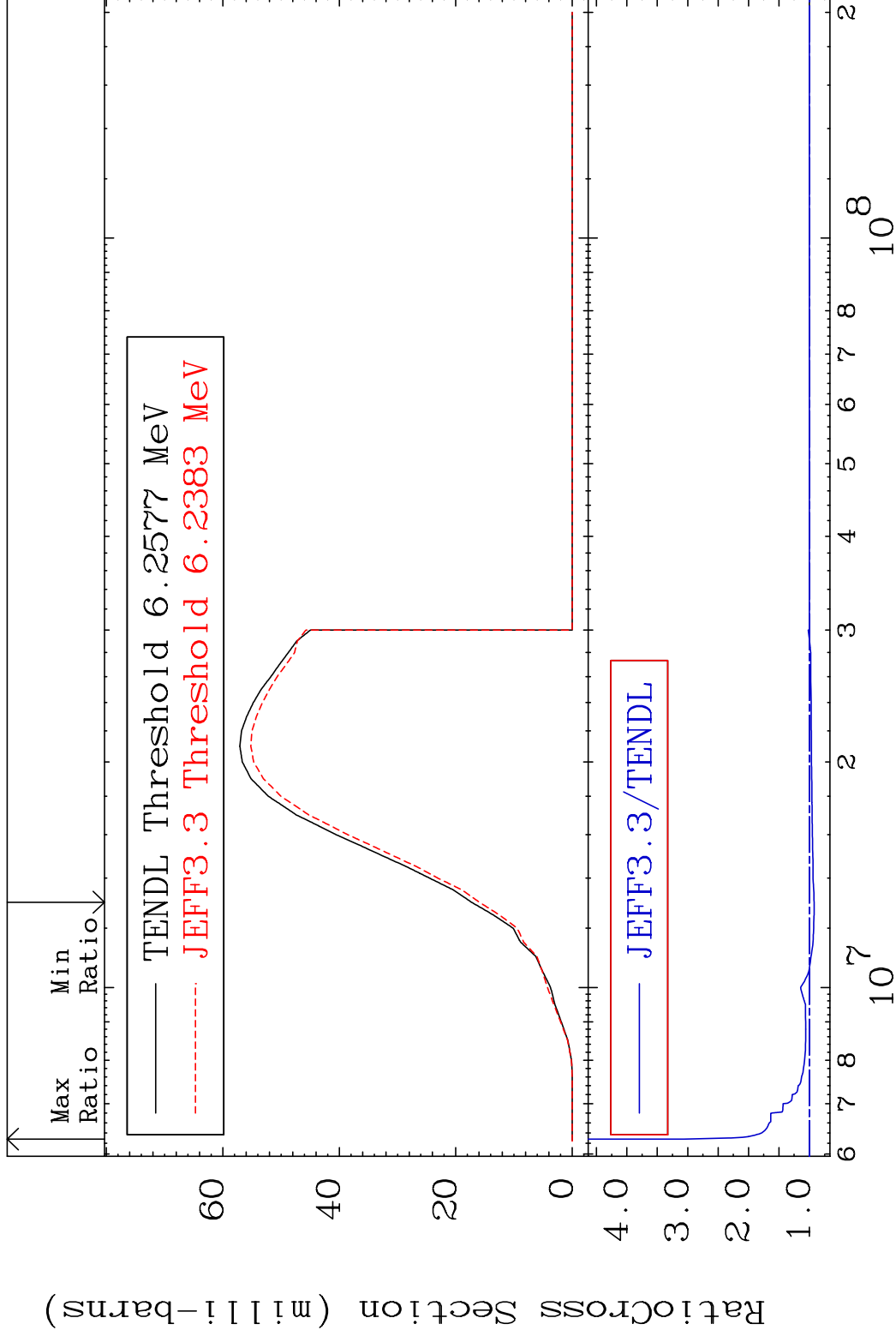


MAT 2025

(n, d)

20-Ca-40

Cross Section -7.779 To 206.6 %

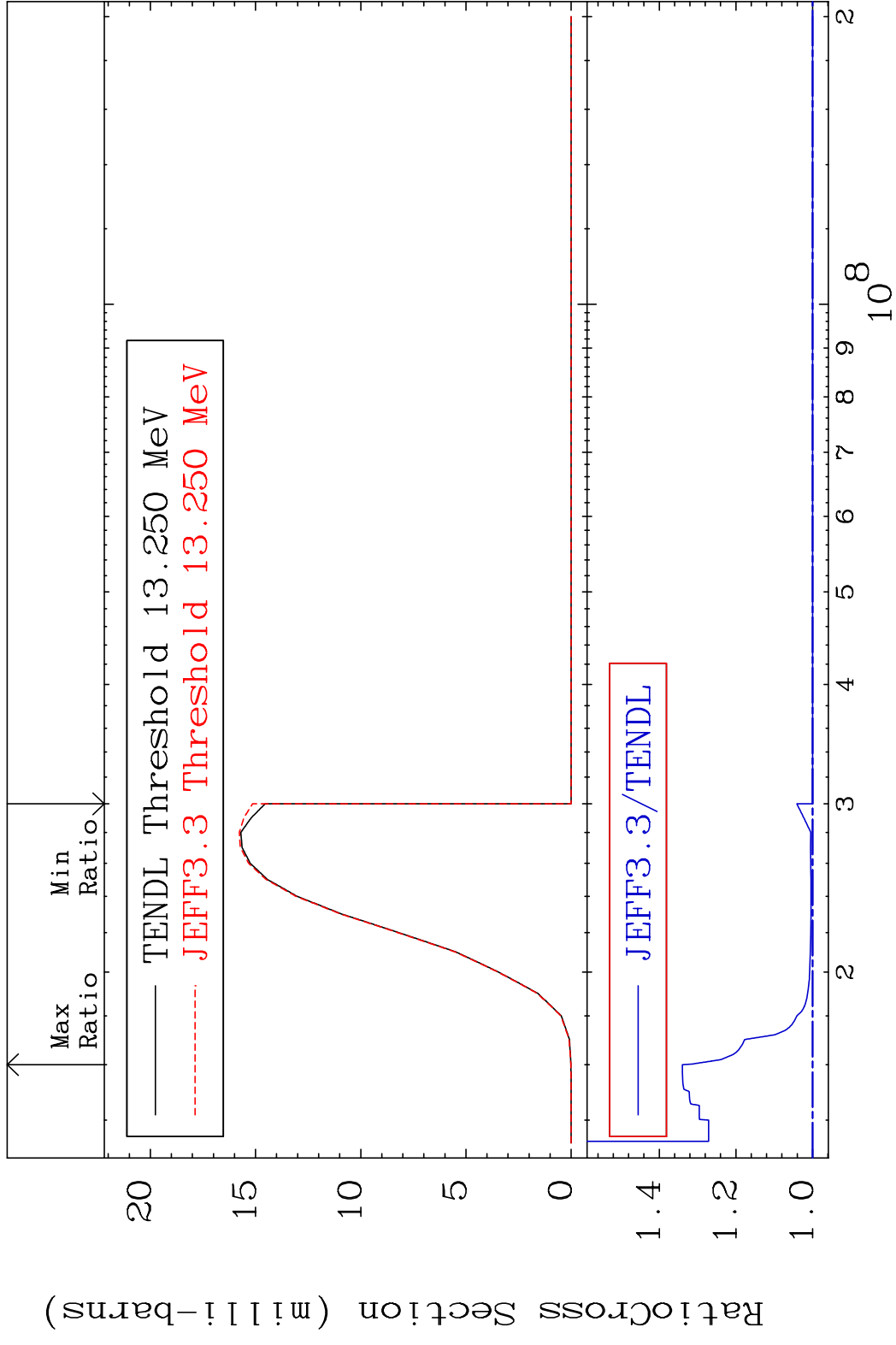


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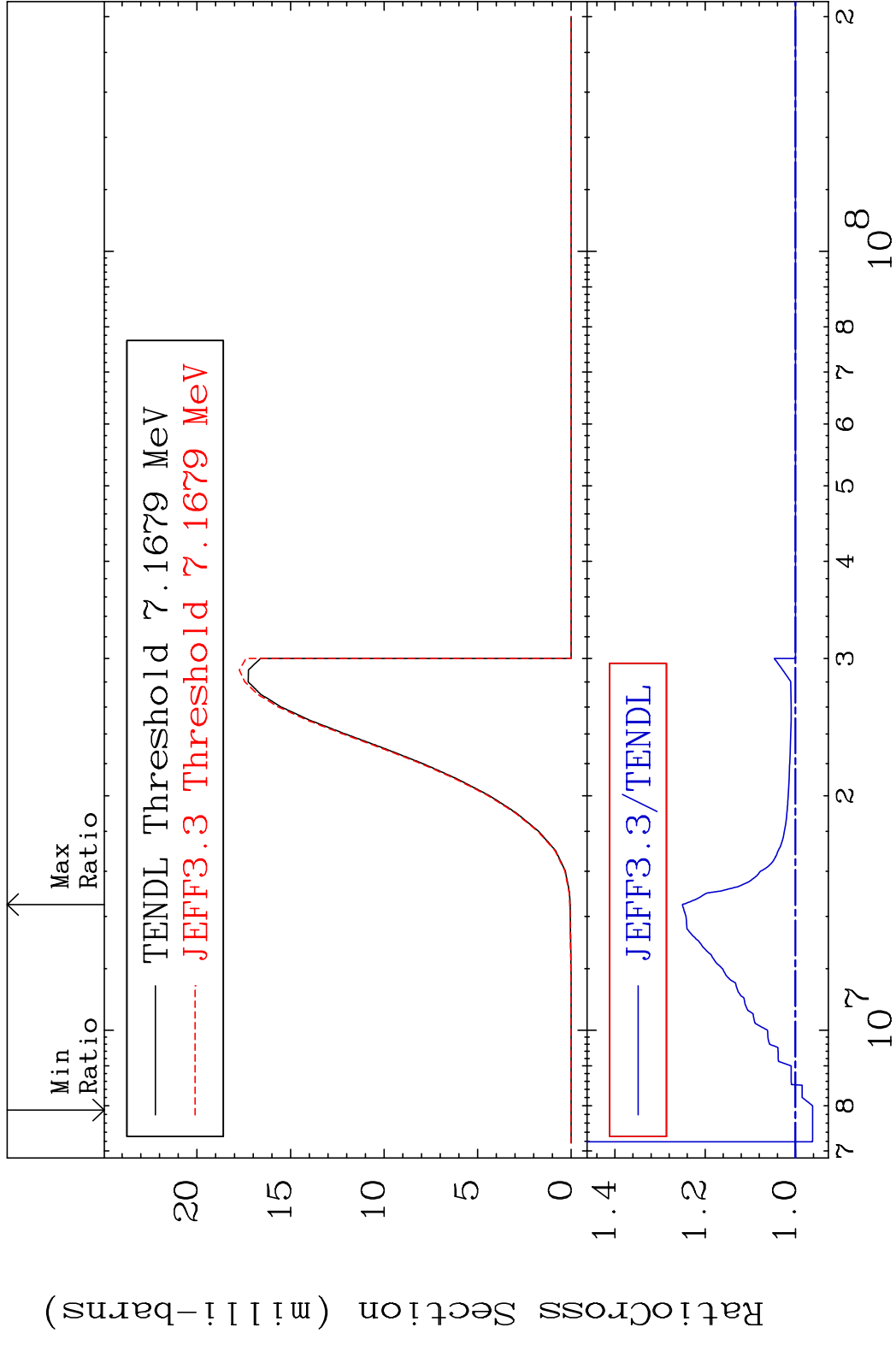
Incident Energy (eV)

20-Ca-40

MAT 2025 (n, t) 20-Ca-40
 Cross Section 0.000 To 33.97 %



MAT 2025 (n, He-3) 20-Ca-40
 Cross Section -3.796 To 25.06 %



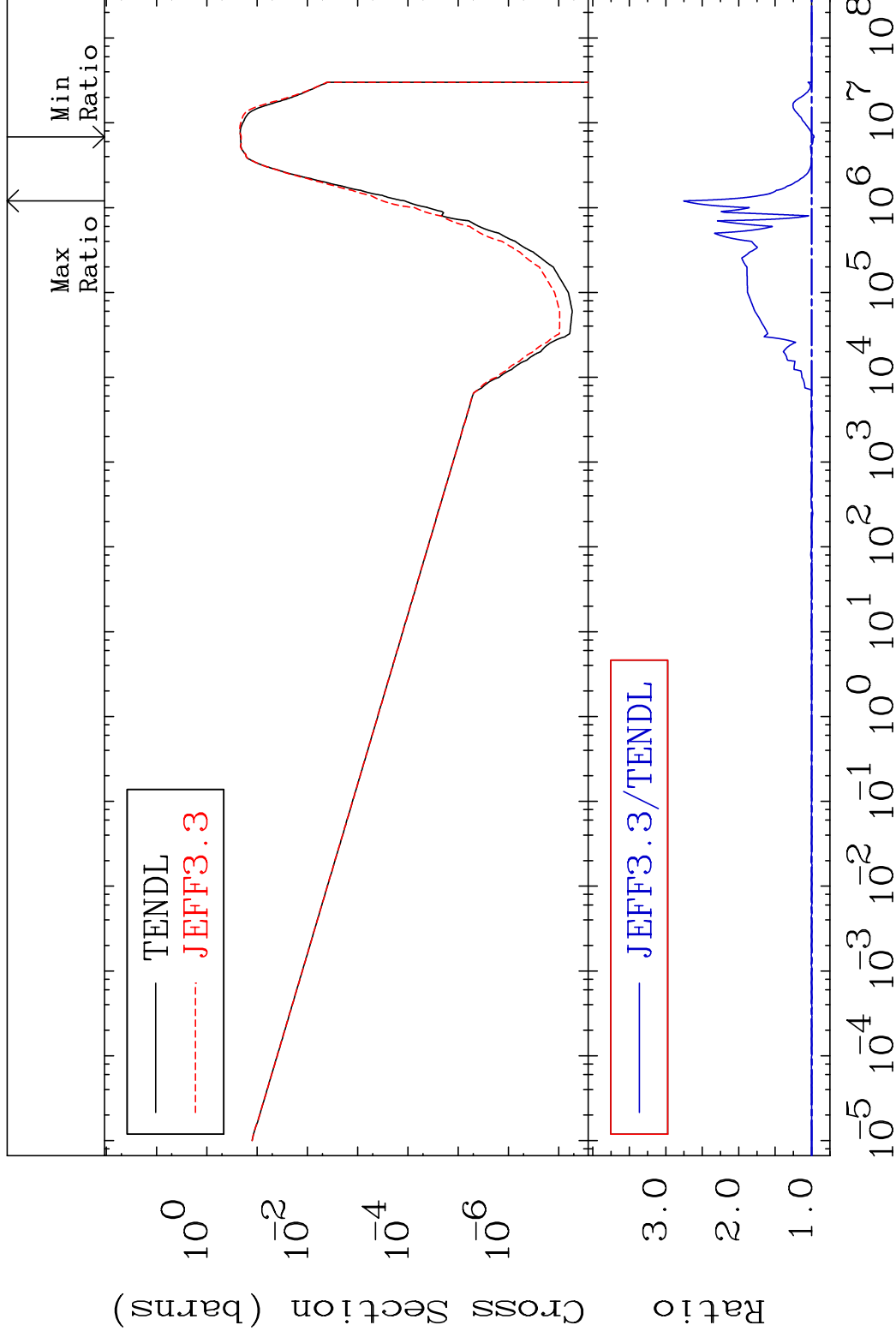
38 Incident Energy (eV) 20-Ca-40

MAT 2025

(n, α)

20-Ca-40

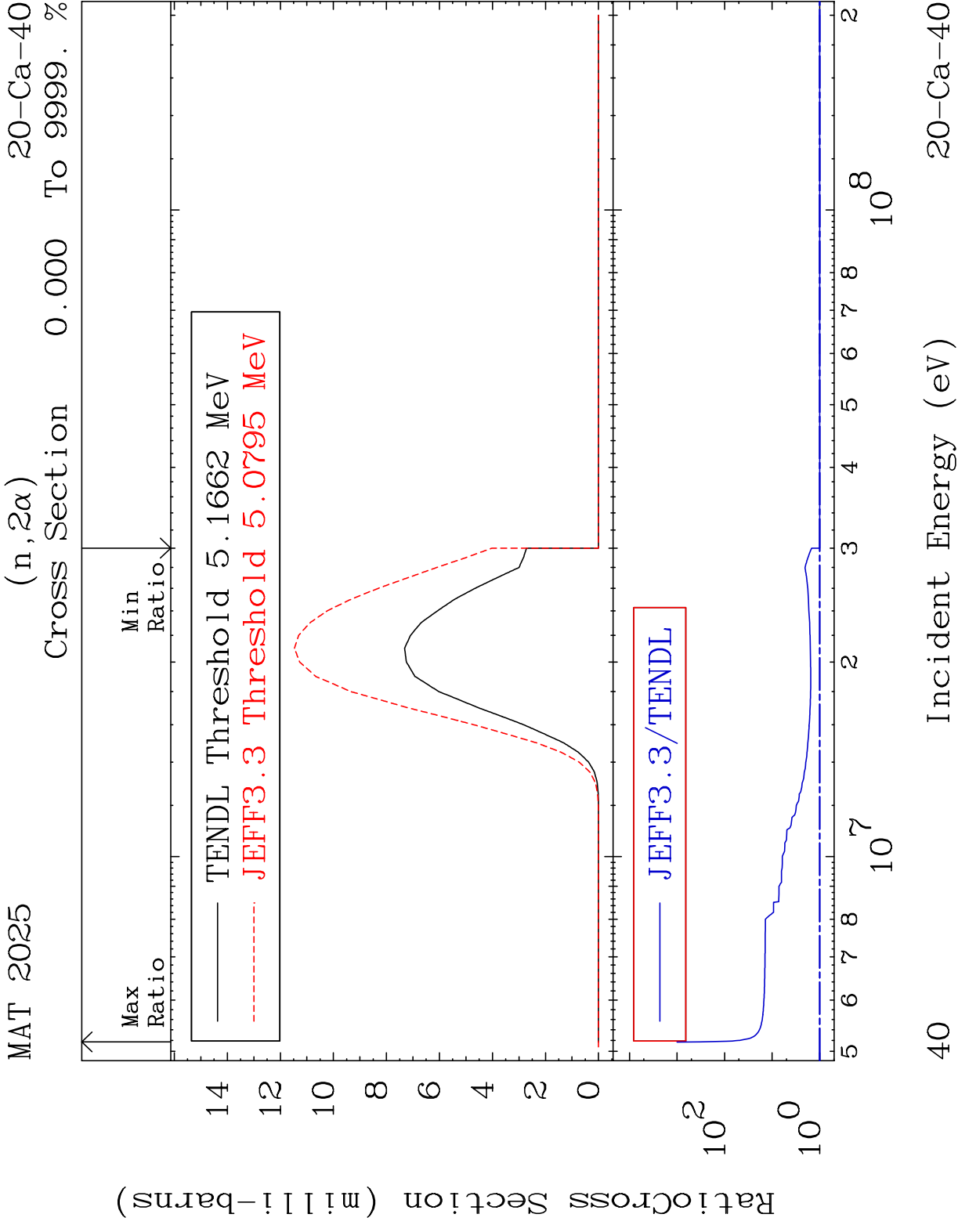
Cross Section -3.362 To 175.5 %

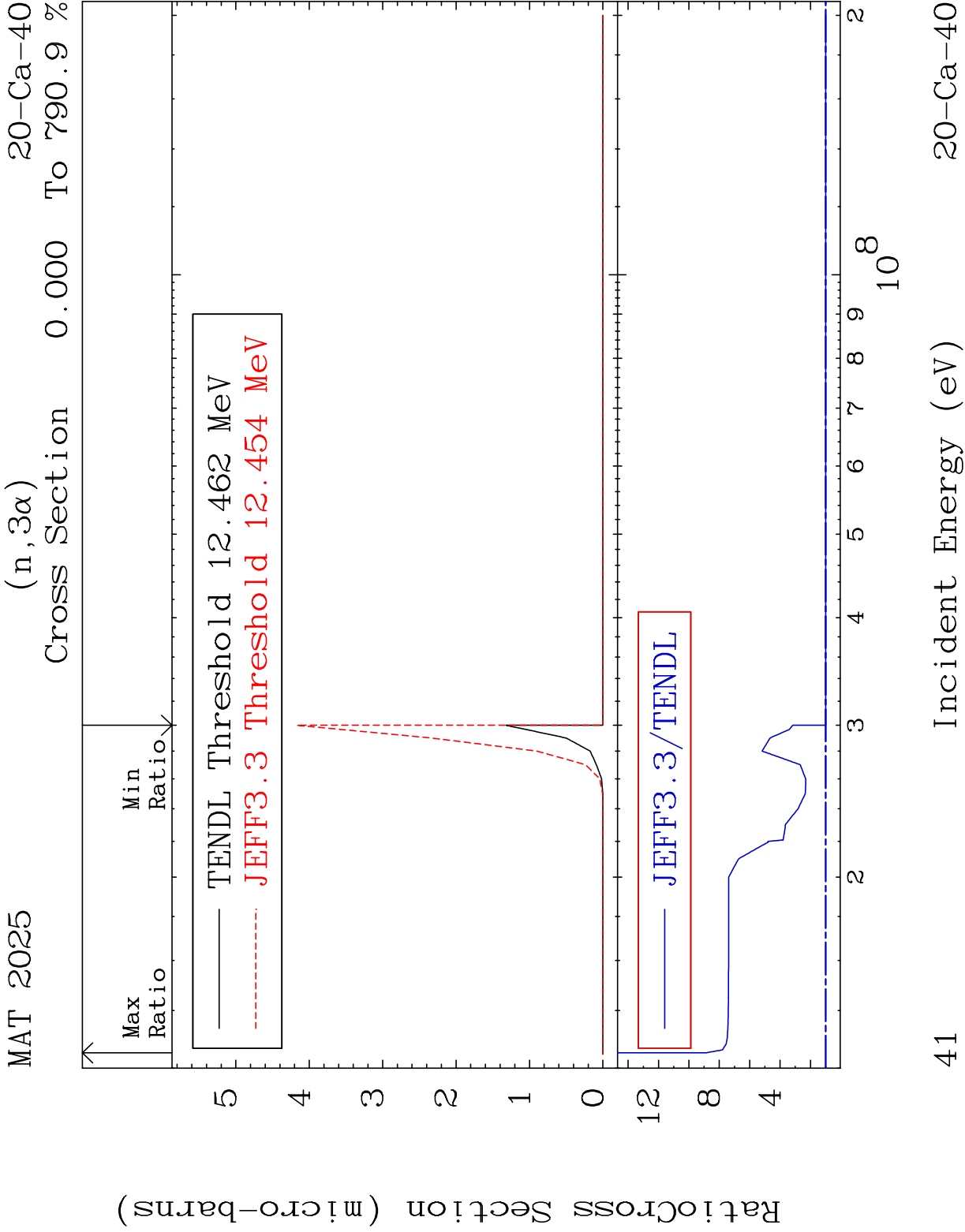


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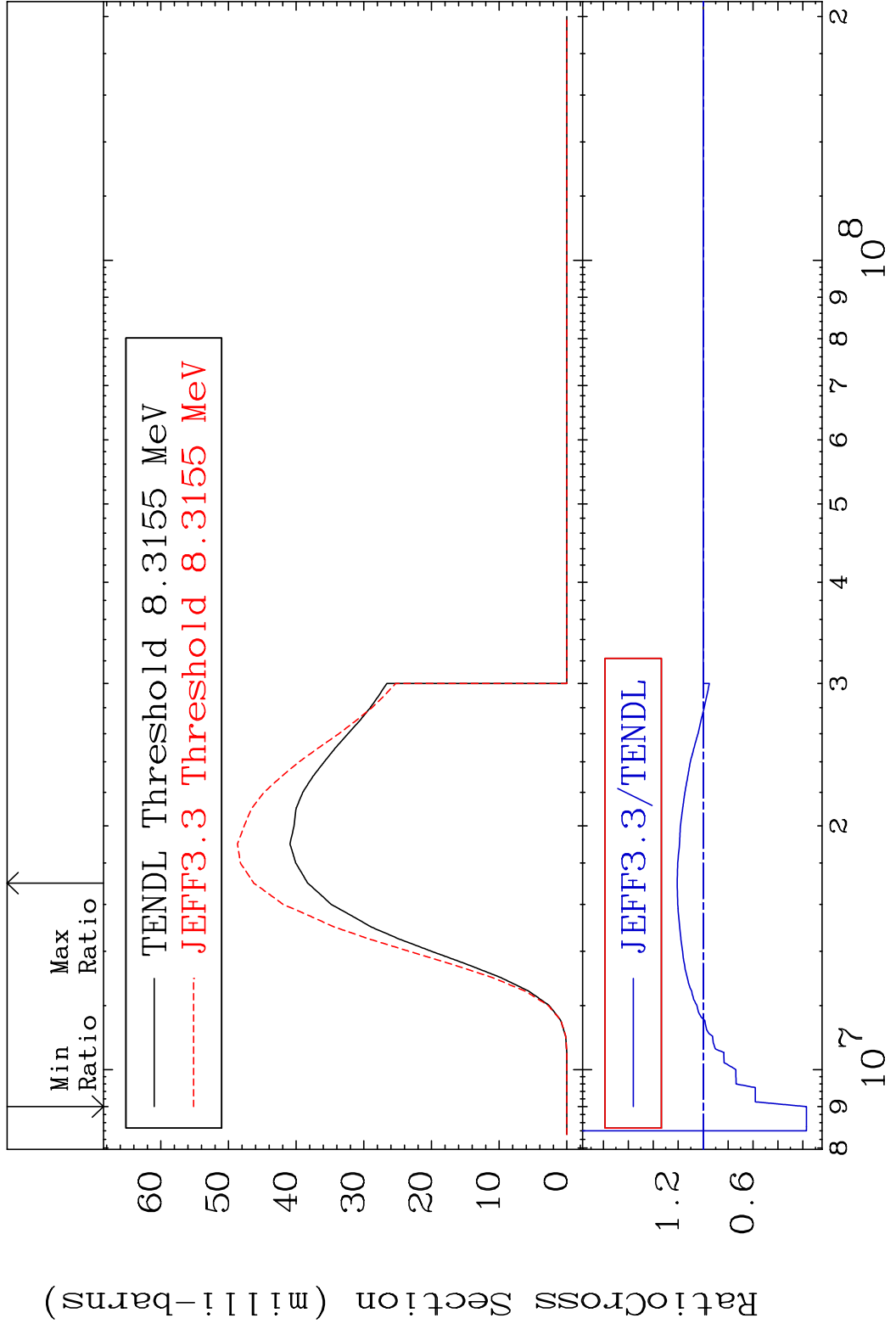
Incident Energy (eV)

20-Ca-40

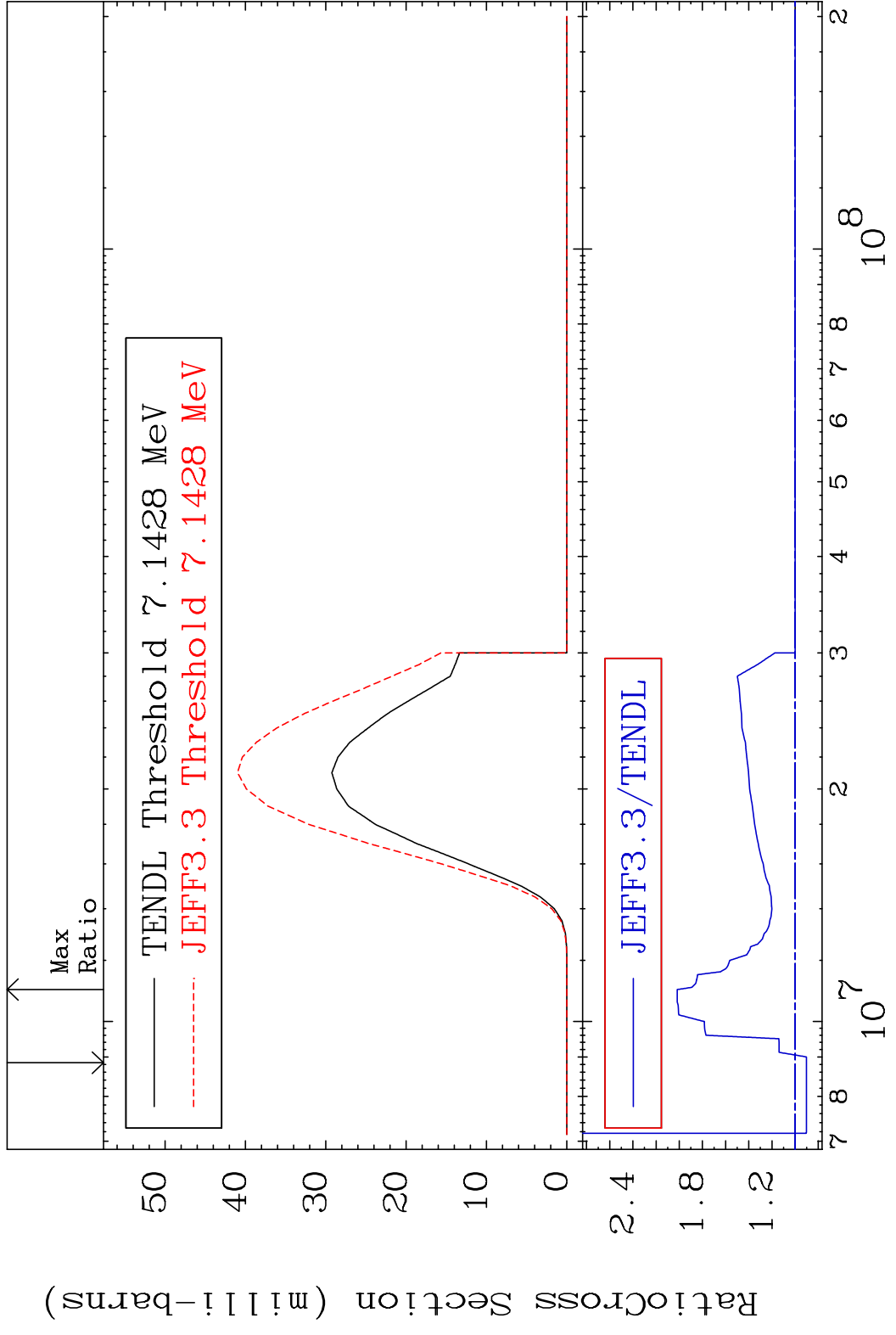




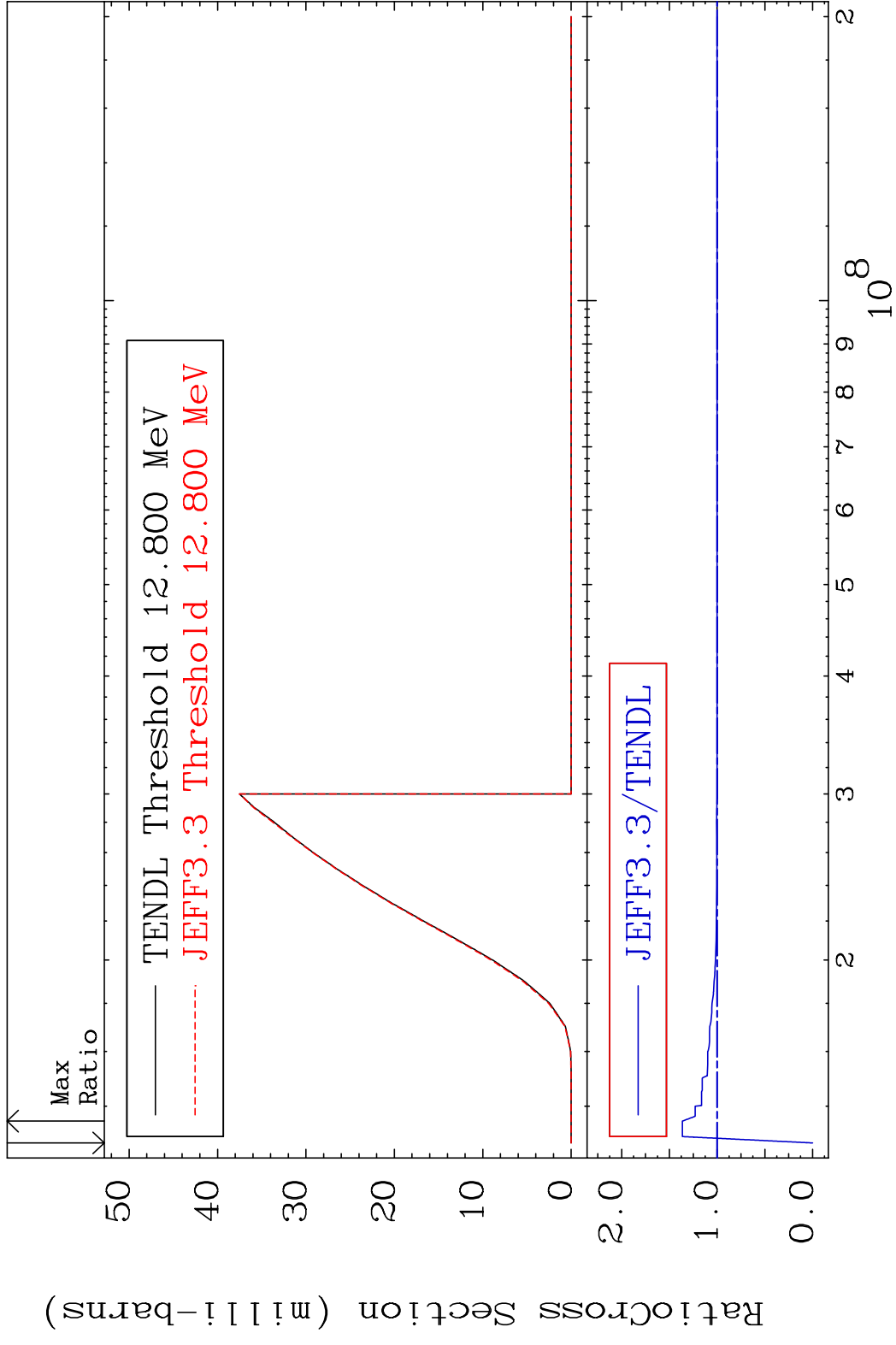
MAT 2025 (n,2p) 20-Ca-40
 Cross Section -82.78 To 20.83 %



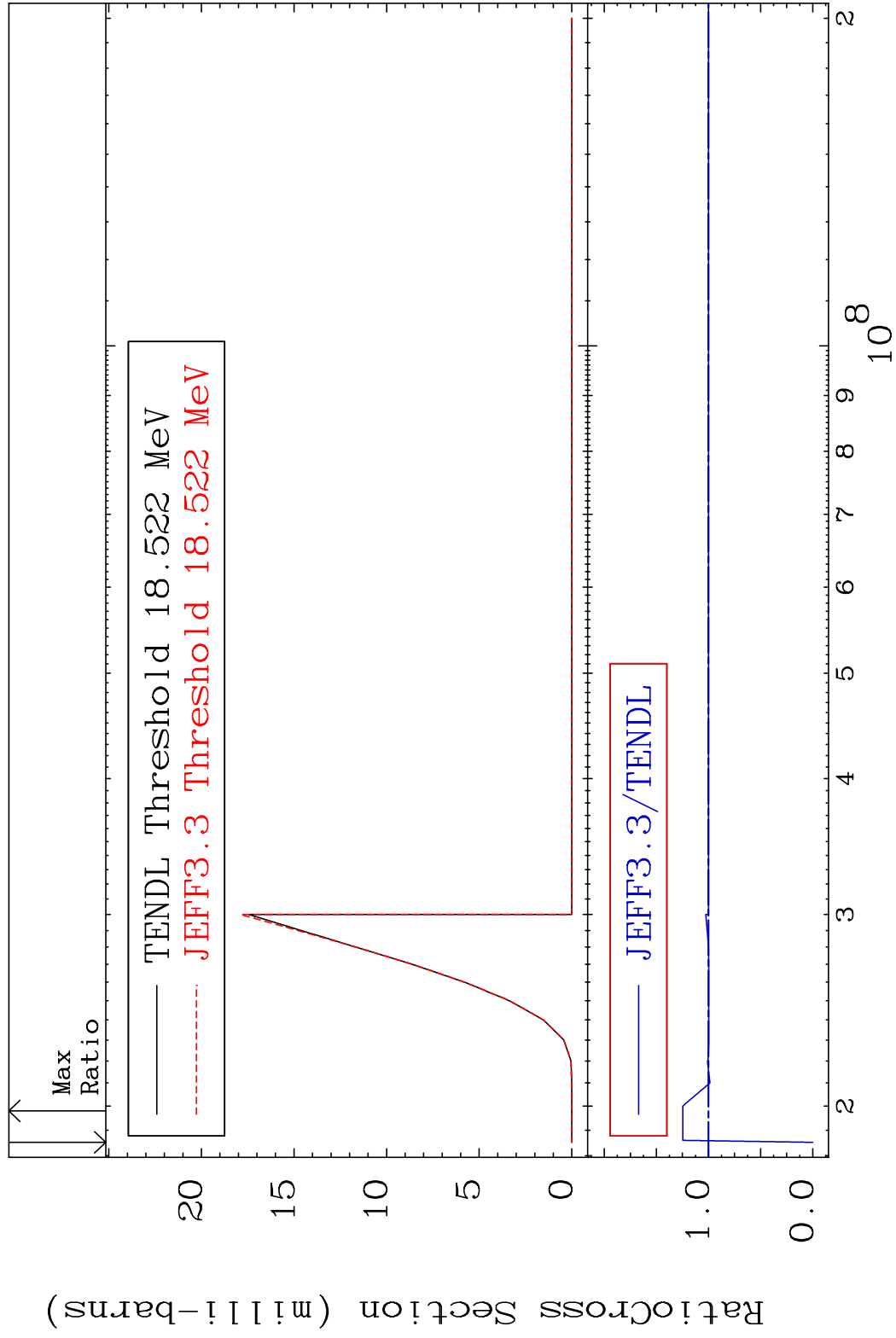
MAT 2025 (n,p) α 20-Ca-40
 Cross Section -9.723 To 101.8 %



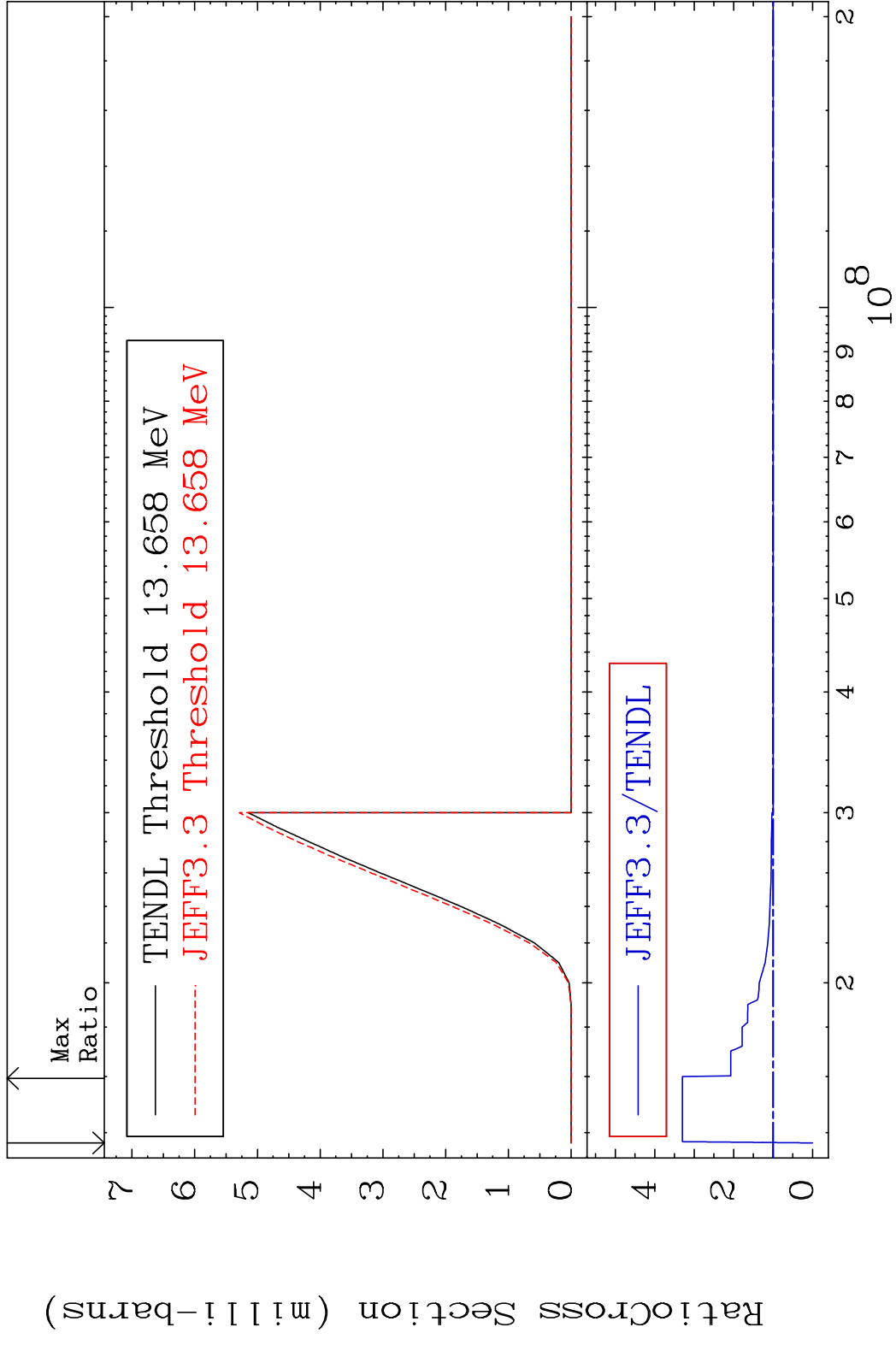
MAT 2025 (n,p) d 20-Ca-40
 Cross Section -100.0 To 36.42 %



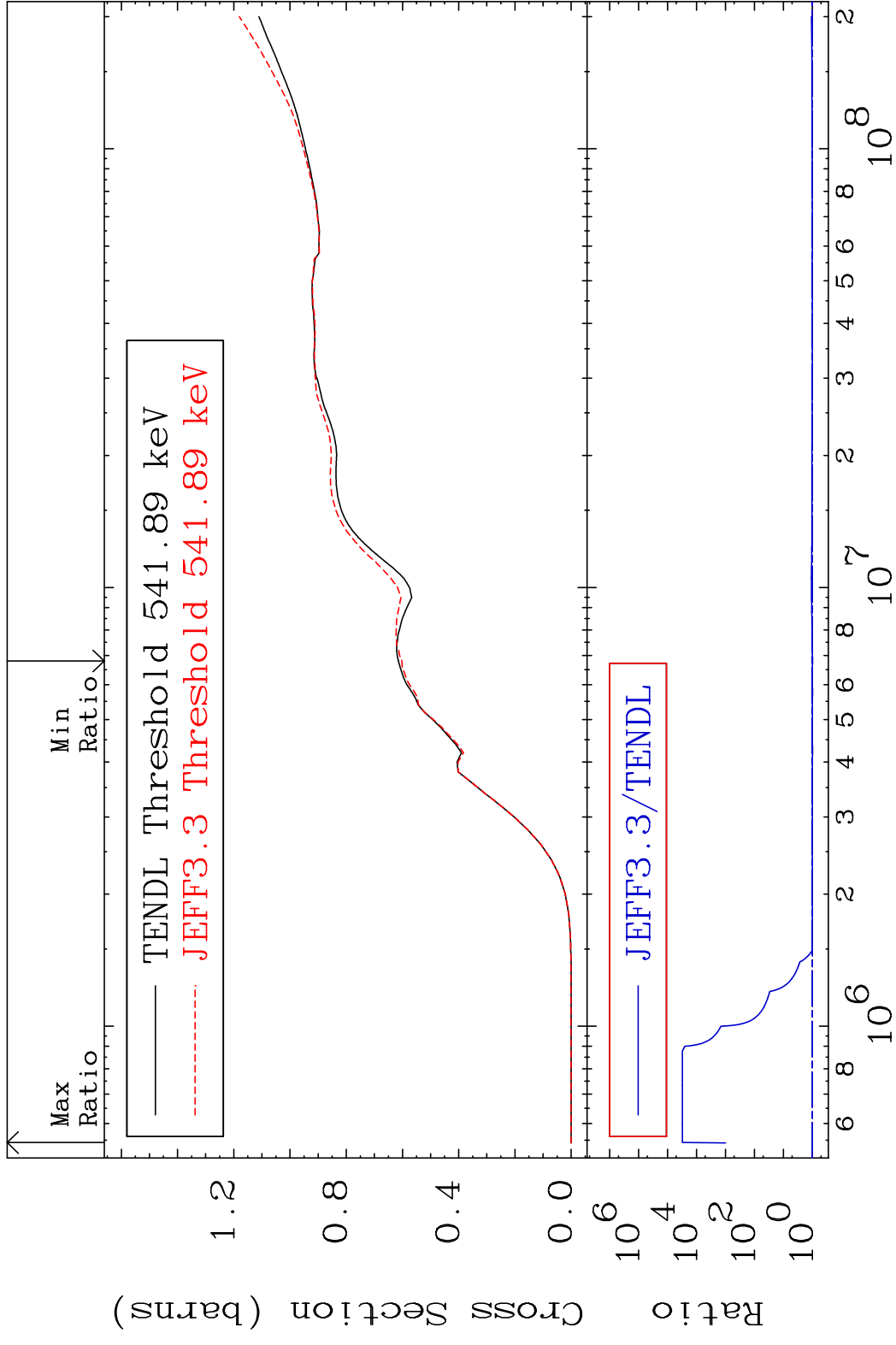
MAT 2025 (n,p) t 20-Ca-40
Cross Section -100.0 To 24.70 %



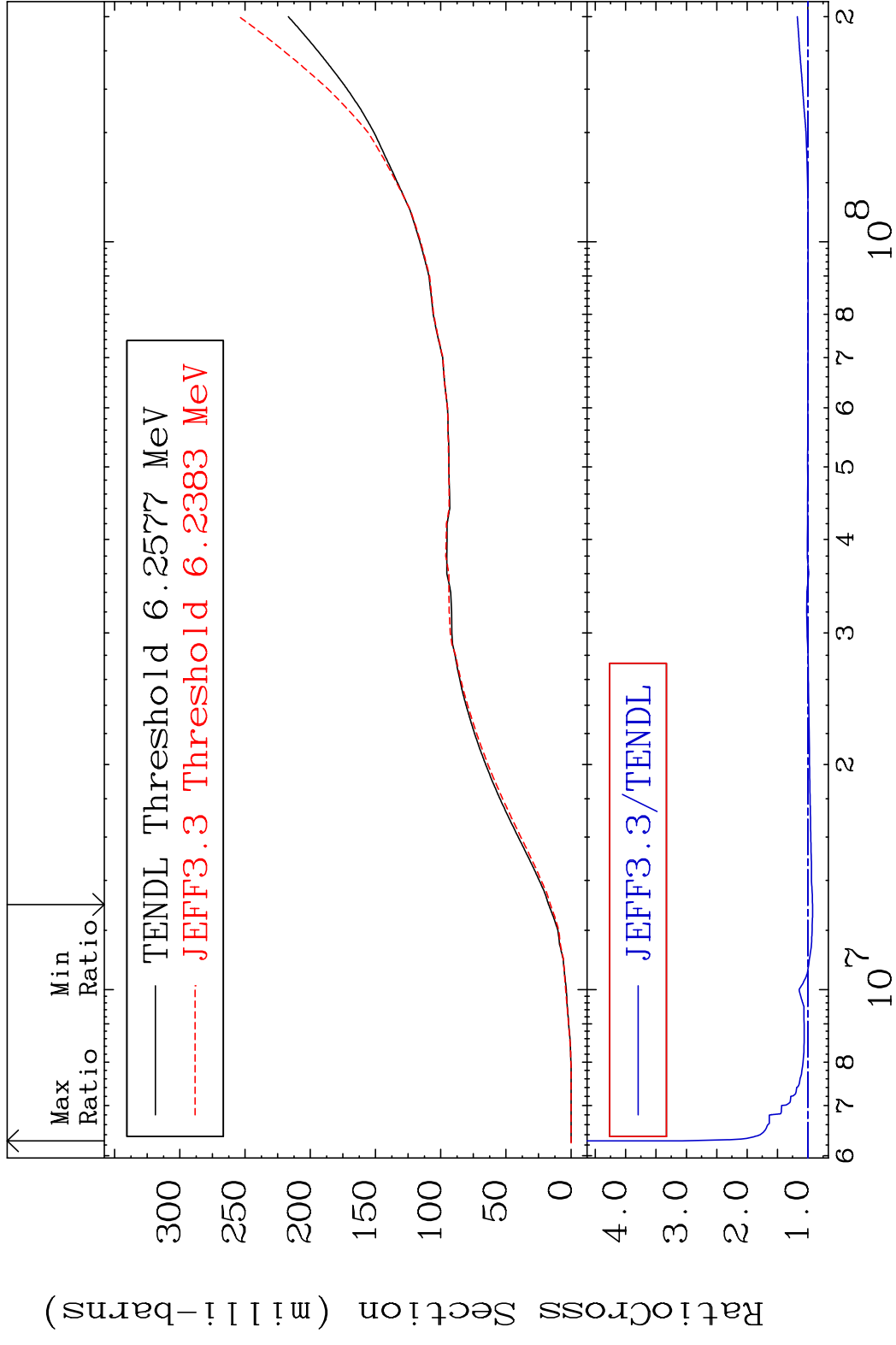
MAT 2025 (n,d) α 20-Ca-40
 Cross Section -100.0 To 229.9 %

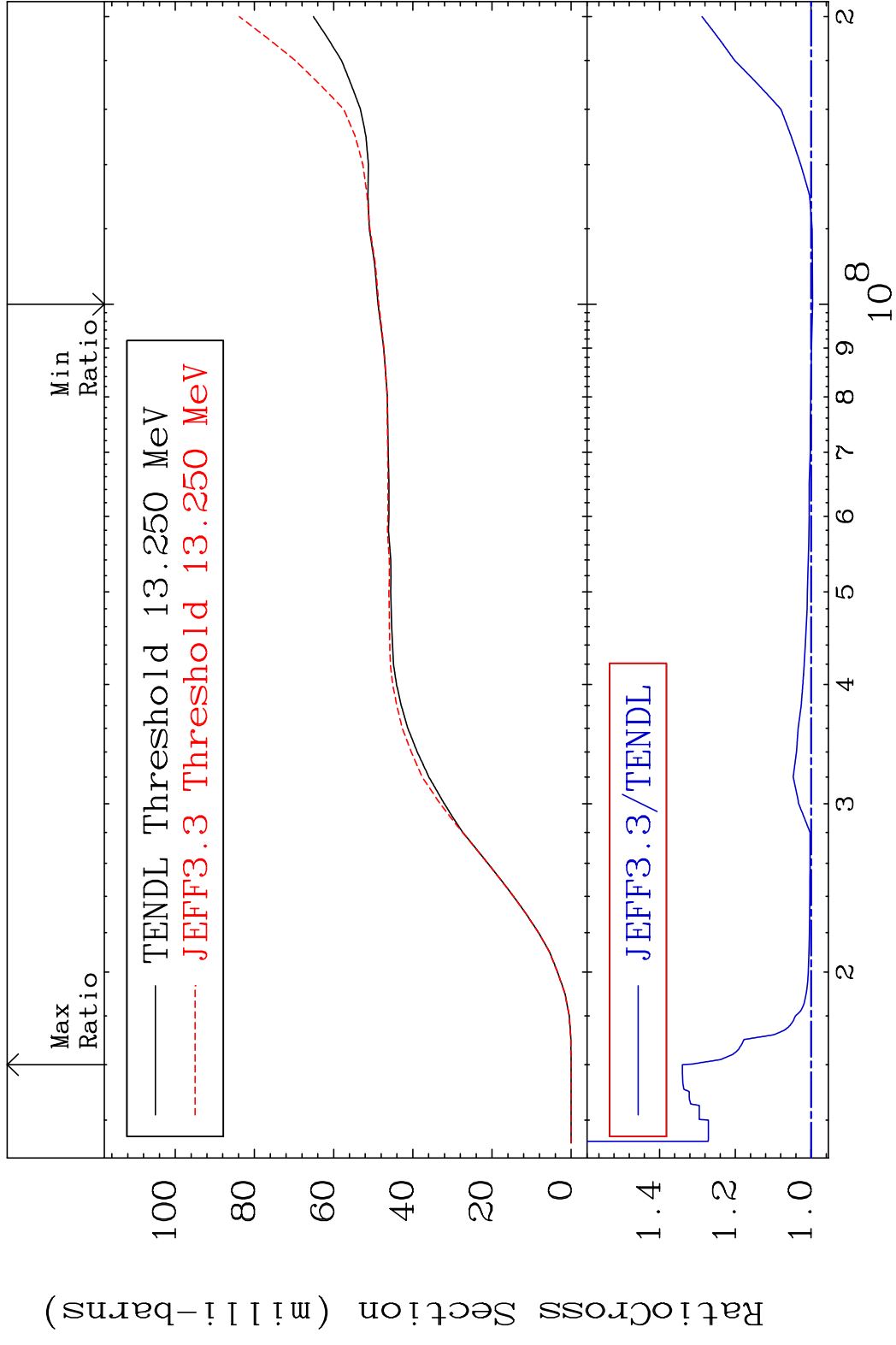


MAT 2025 Hydrogen Production 20-Ca-40
 Cross Section -2.059 To 9999. %



47 Incident Energy (eV) 20-Ca-40



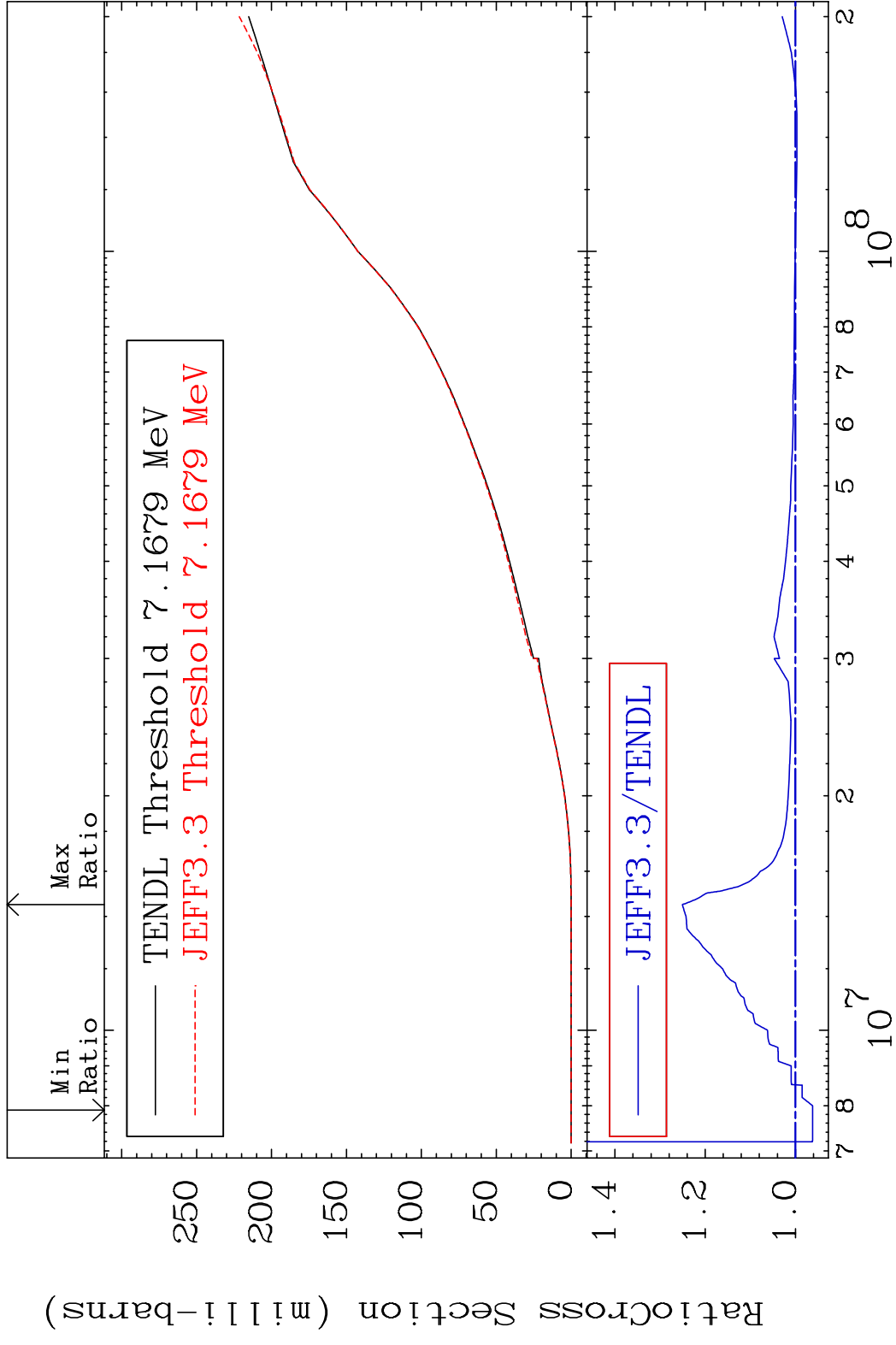


MAT 2025

He-3 Production

20-Ca-40

Cross Section -3.796 To 25.06 %



50

Incident Energy (eV)

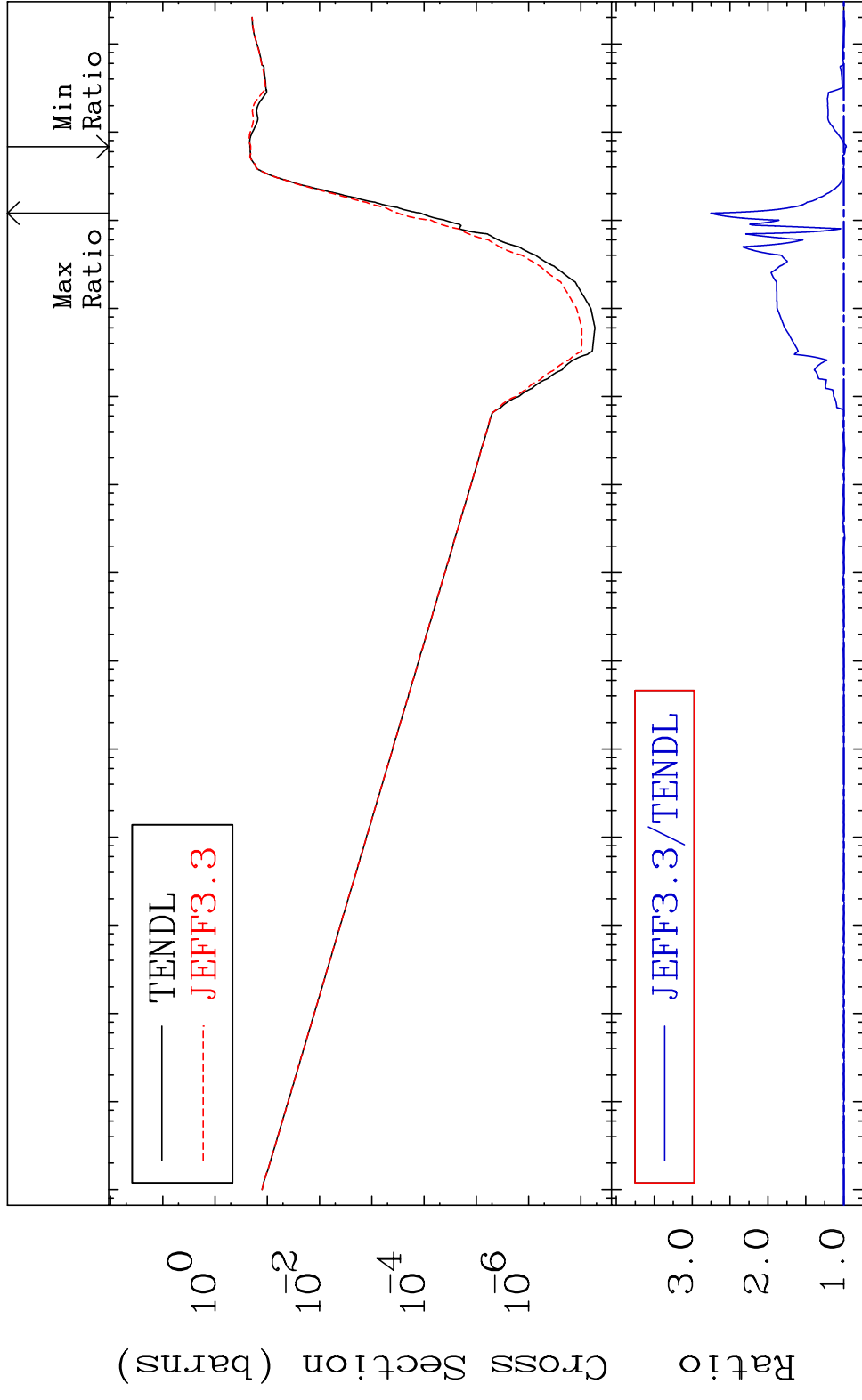
20-Ca-40

MAT 2025

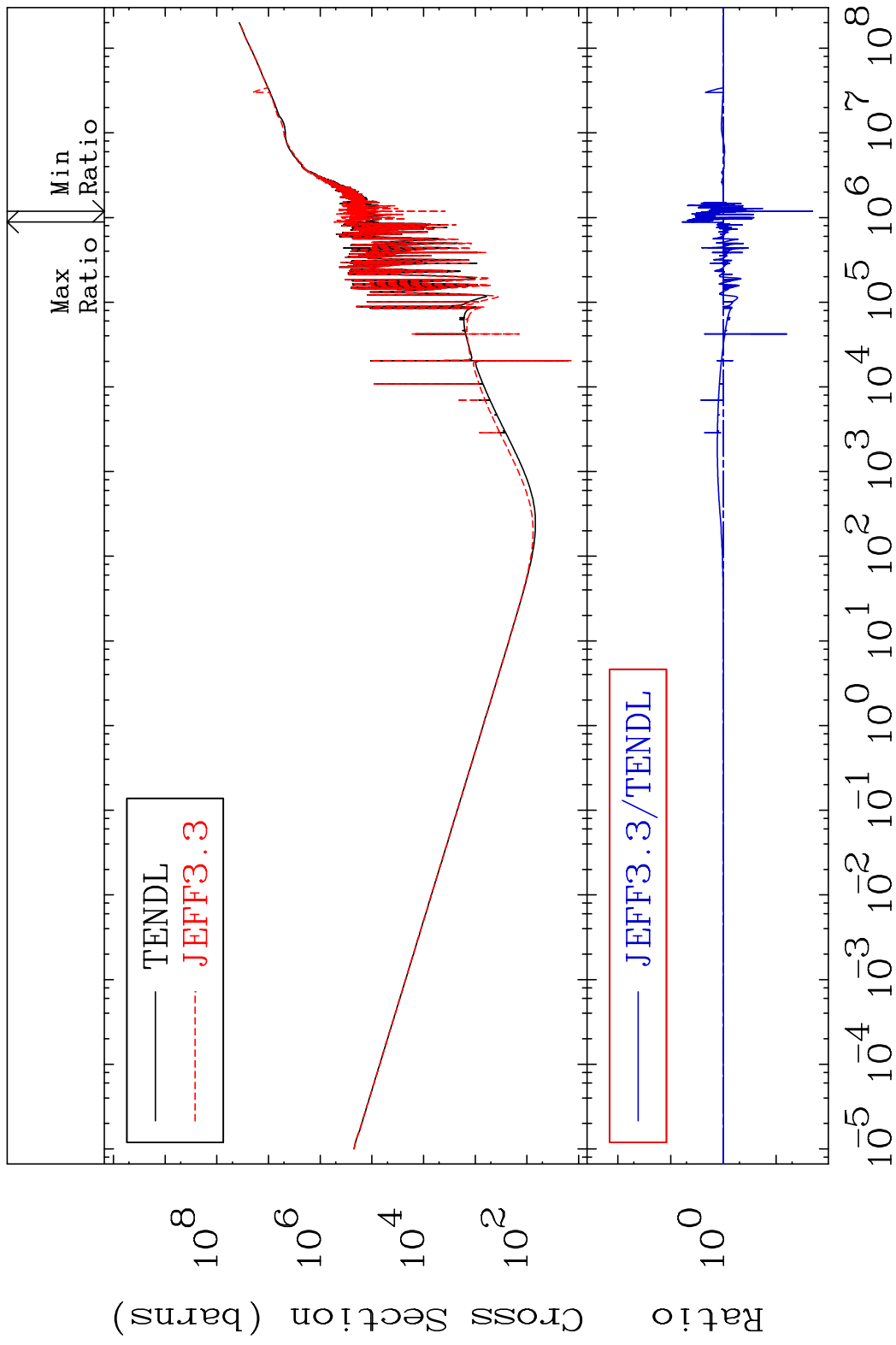
He-4 Production

20-Ca-40

Cross Section -3.362 To 175.5 %



MAT 2025 Kerma total (eV-barns) 20-Ca-40
 Cross Section -97.96 To 500.5 %

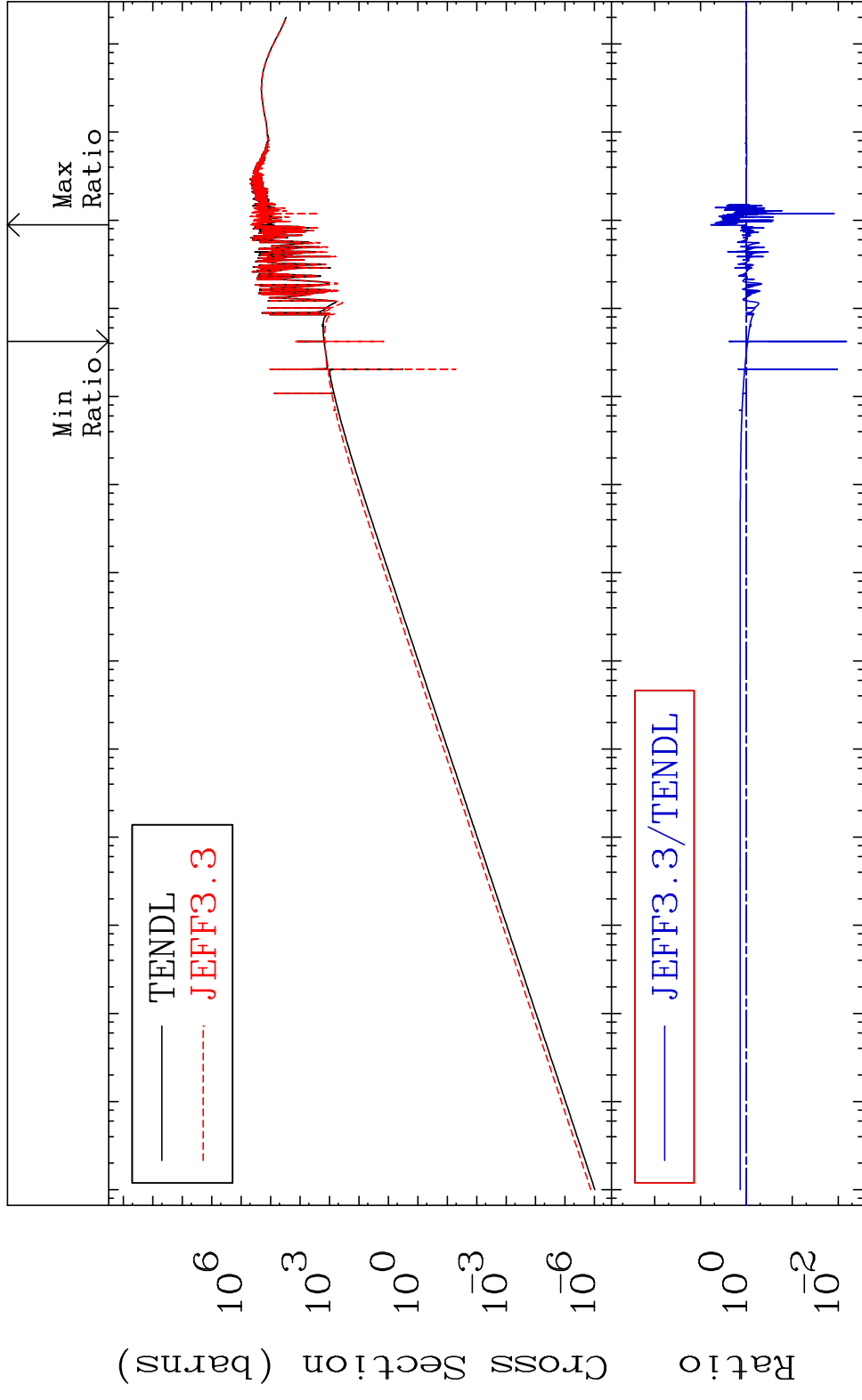


52 Incident Energy (eV) 20-Ca-40

MAT 2025

Kerma elastic
Cross Section

20-Ca-40
-99.33 To 500.5 %

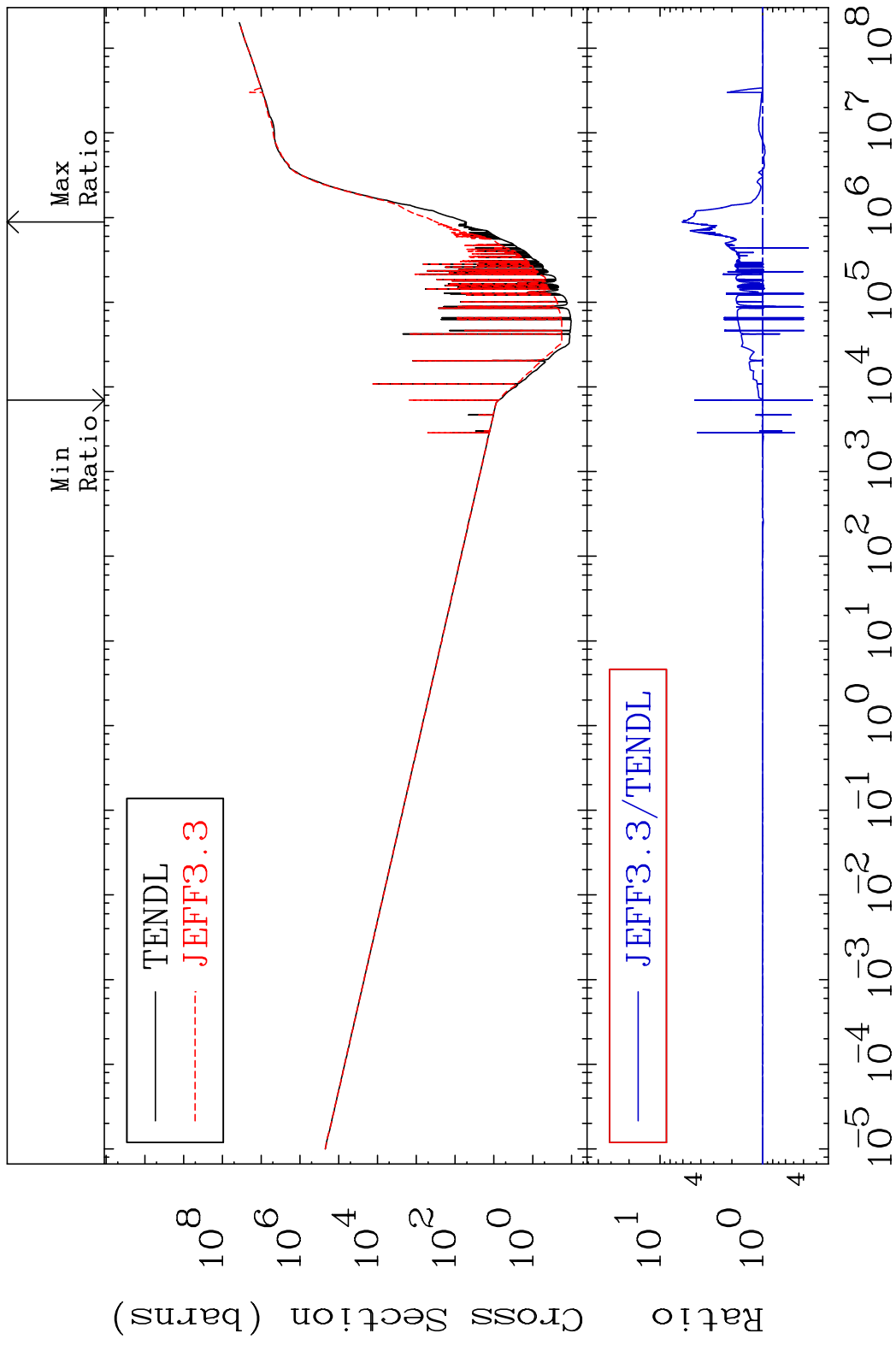


53

Incident Energy (eV)

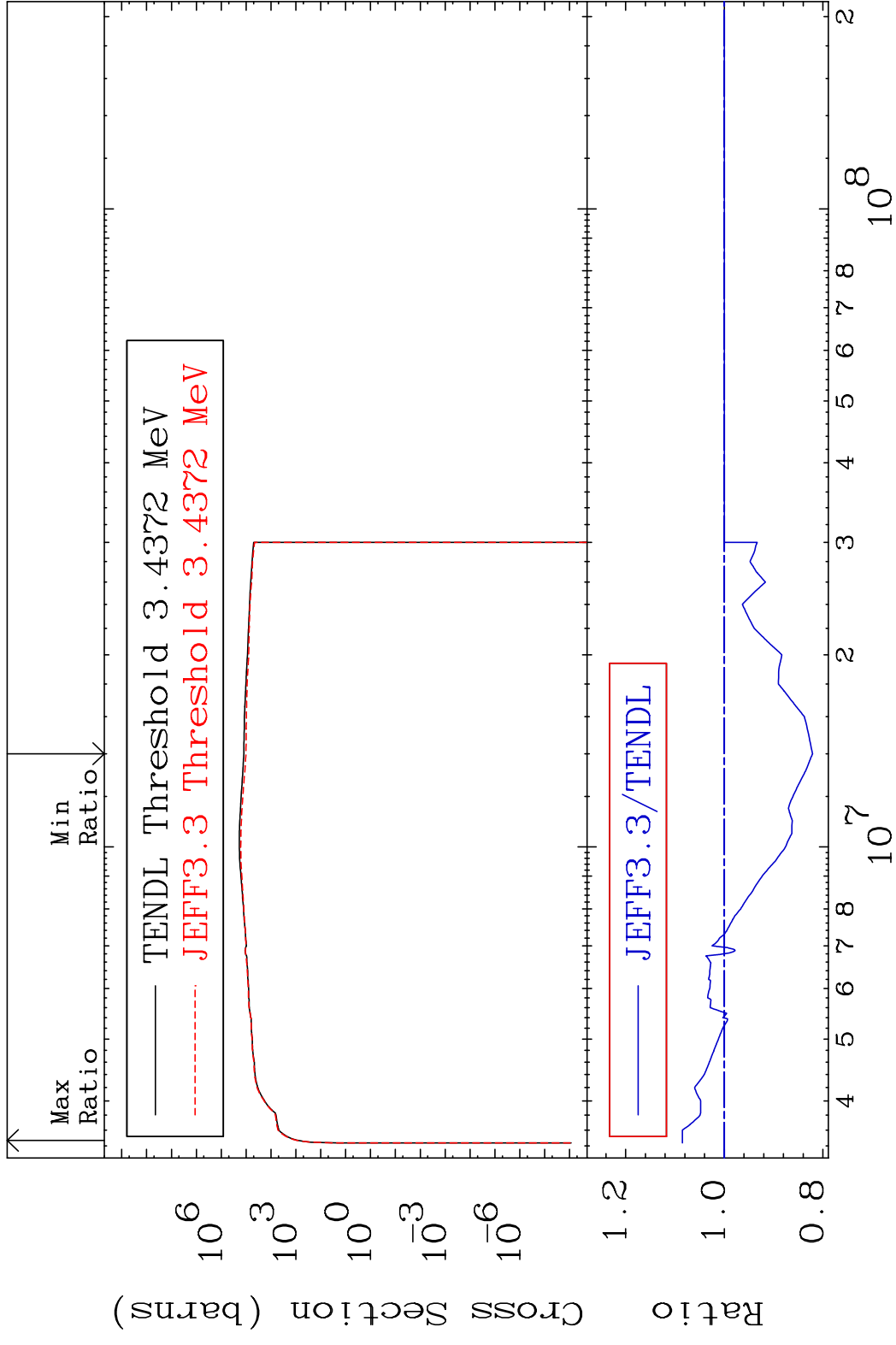
20-Ca-40

MAT 2025 Kerma non-elastic (all but mt2) 20-Ca-40
 Cross Section -67.30 To 505.9 %

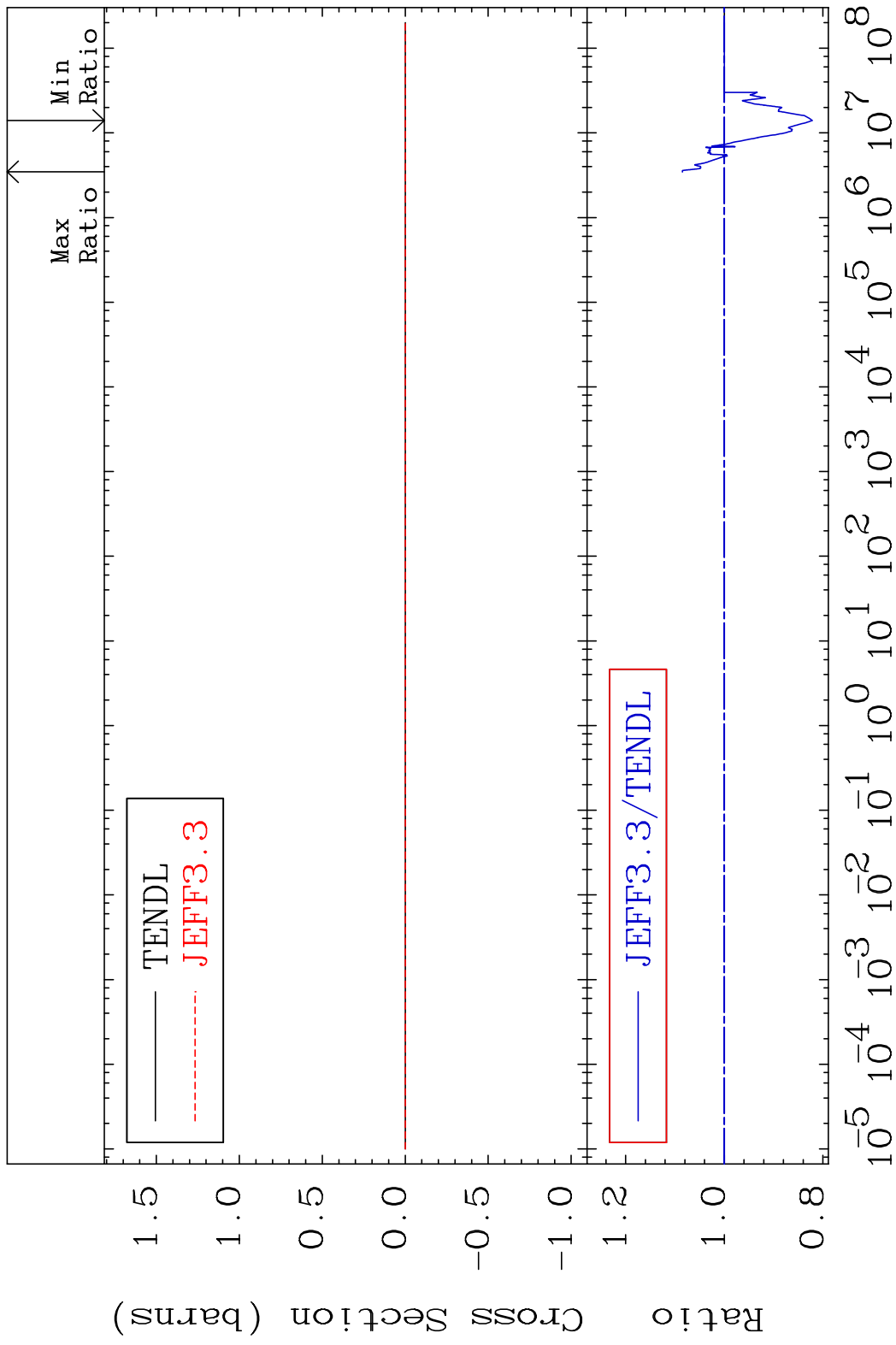


54 Incident Energy (eV) 20-Ca-40

MAT 2025 Kerma inelastic (mt51-91) 20-Ca-40
 Cross Section -17.90 To 8.495 %

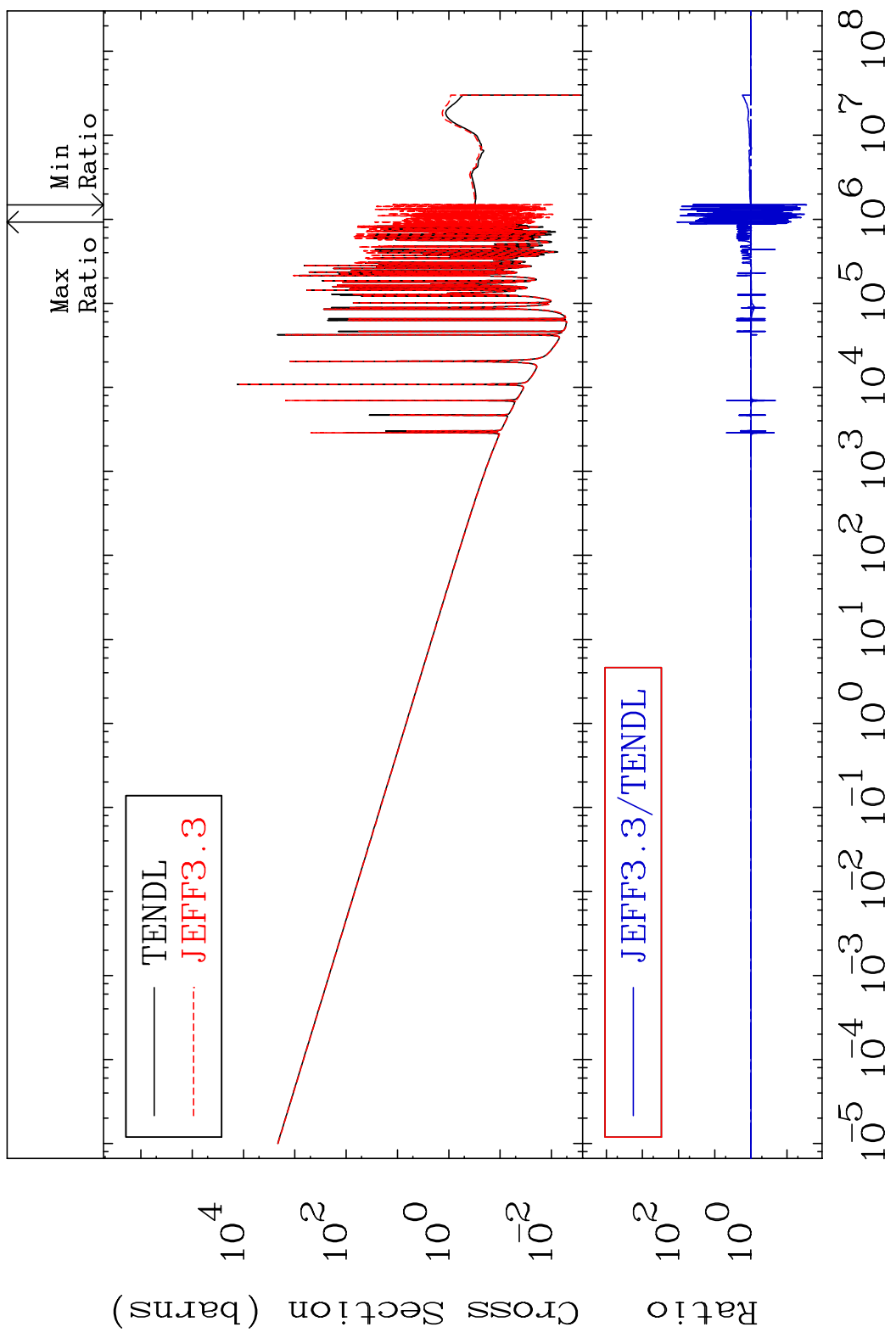


MAT 2025 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-40
 Cross Section -17.90 To 8.495 %



MAT 2025

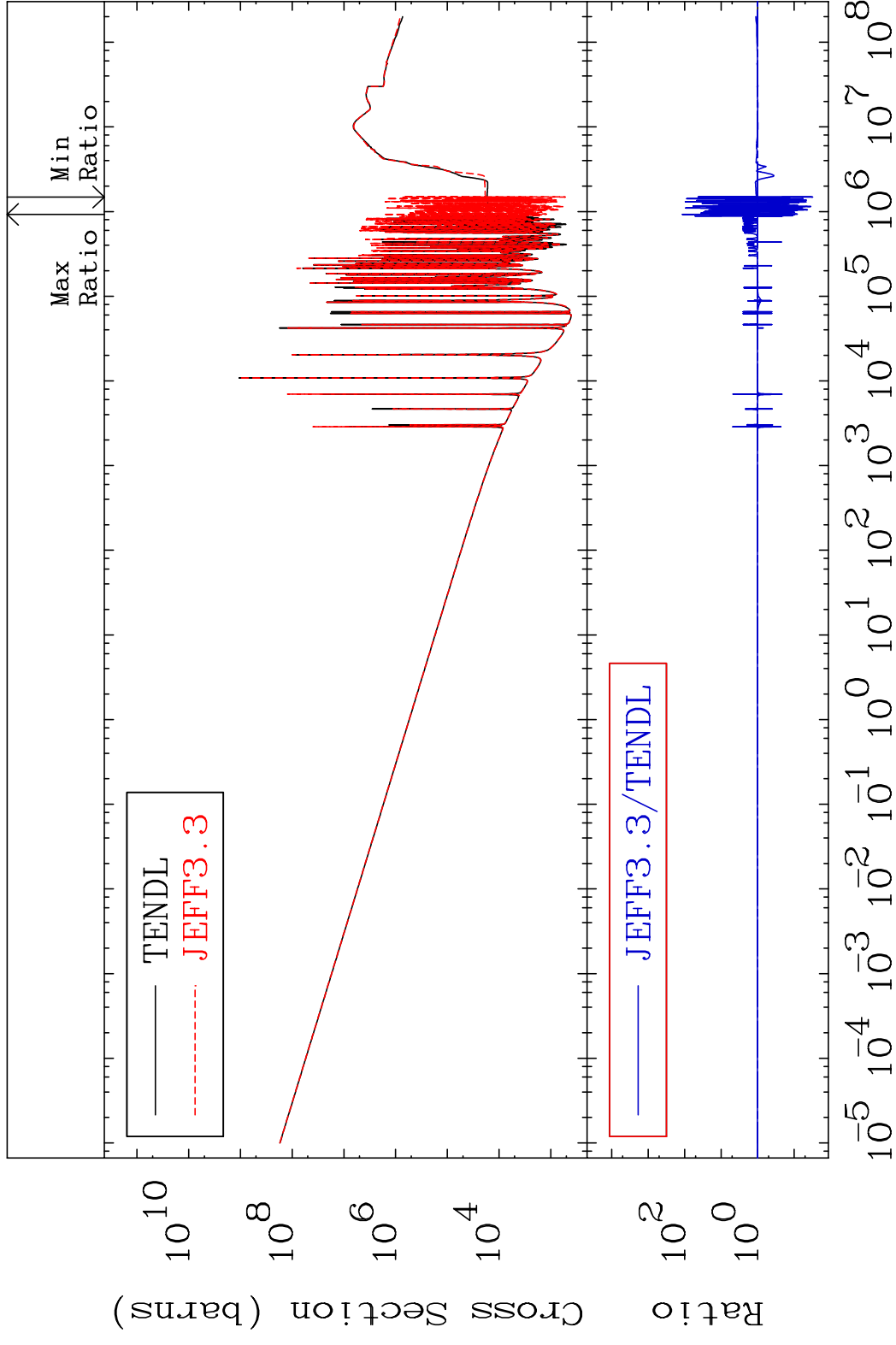
Kerma capture (mt102) 20-Ca-40
Cross Section -97.09 To 9999. %



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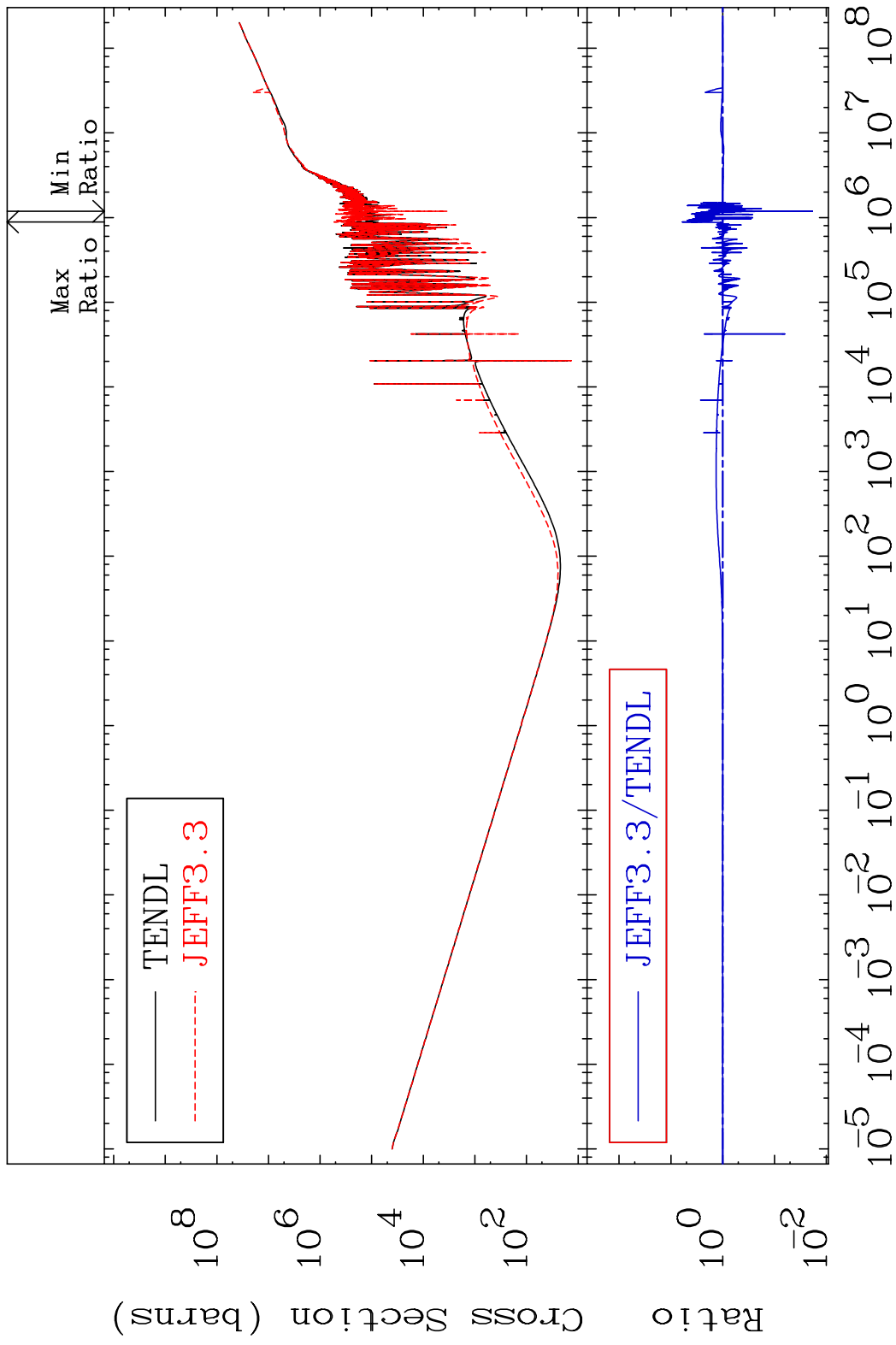
Incident Energy (eV) 20-Ca-40

MAT 2025 Total photon (eV-barns) 20-Ca-40
 Cross Section -96.89 To 9999. %



58 Incident Energy (eV) 20-Ca-40

MAT 2025 Total kinematic kerma (high limit) 20-Ca-40
Cross Section -98.16 To 500.5 %

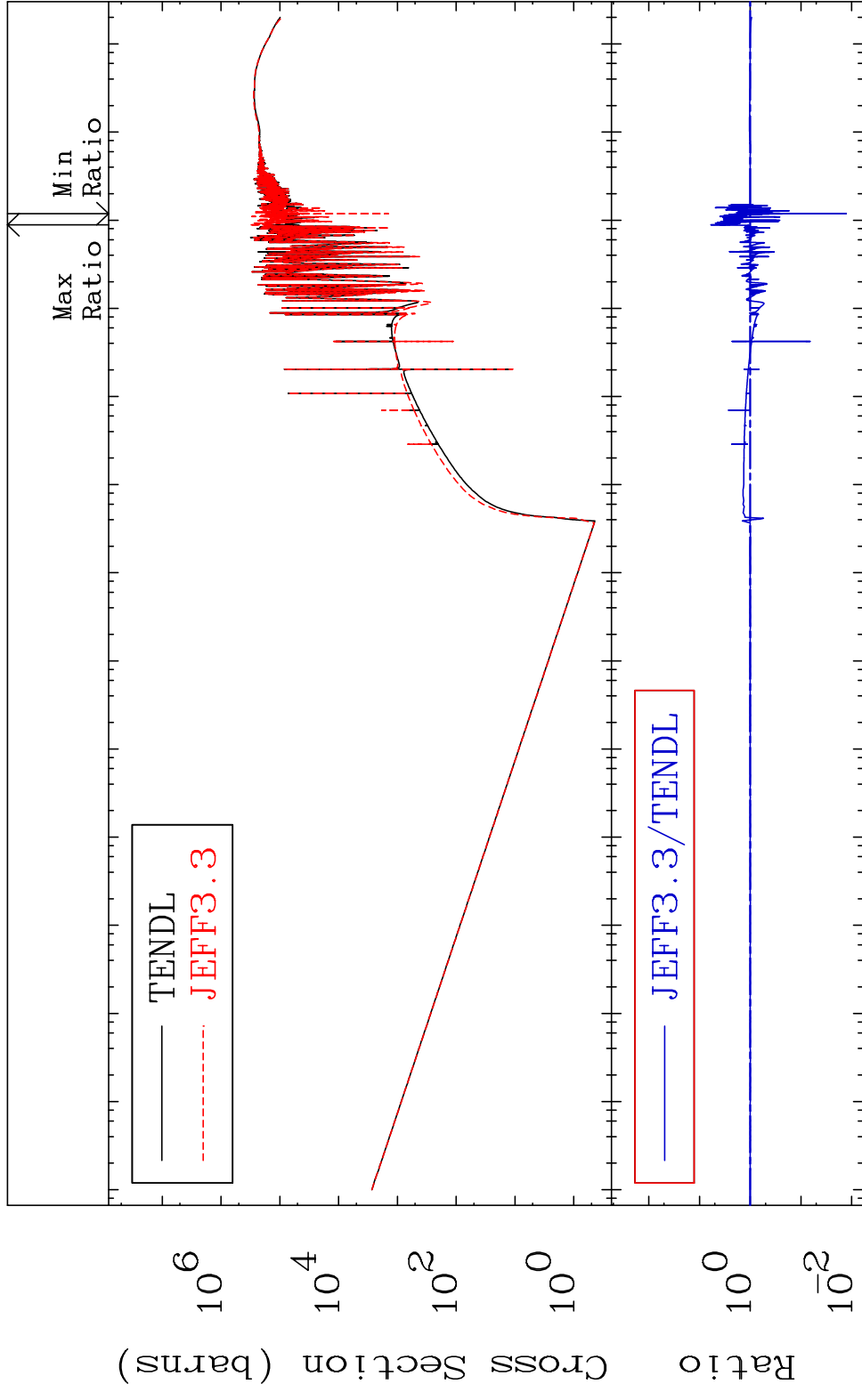


MAT 2025

Dpa total (eV-barns)

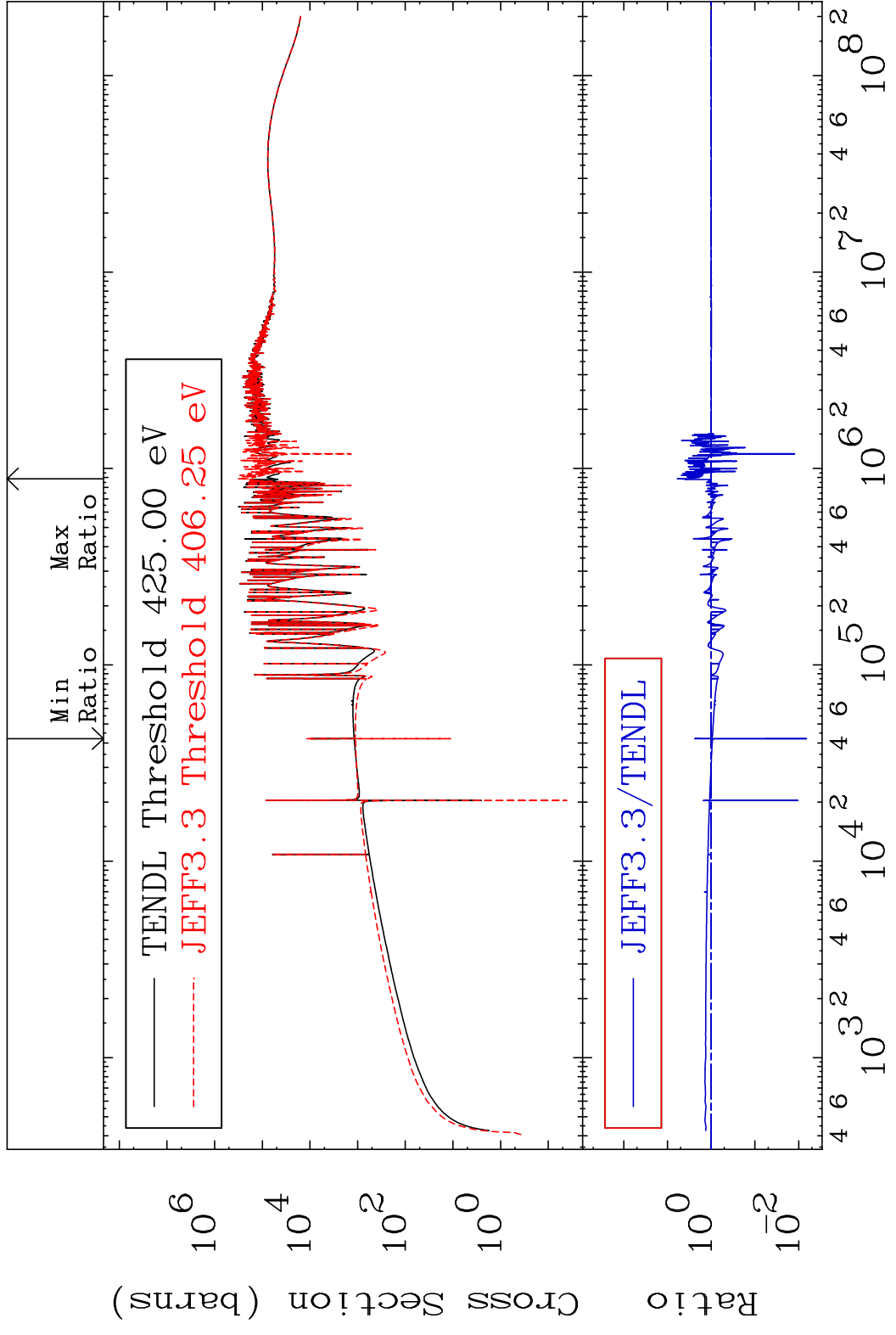
20-Ca-40

Cross Section -98.72 To 500.7 %

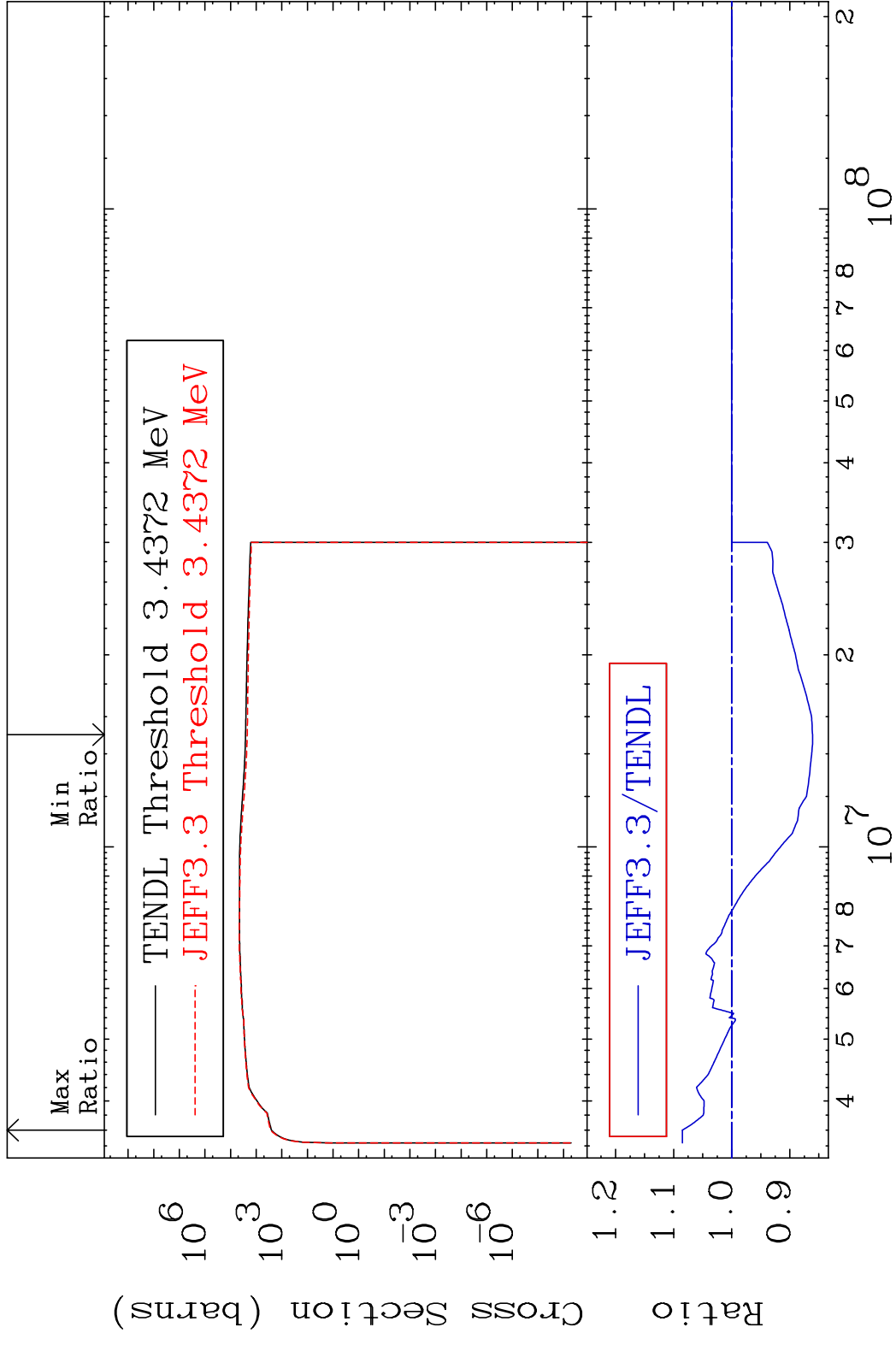


60 Incident Energy (eV) 20-Ca-40

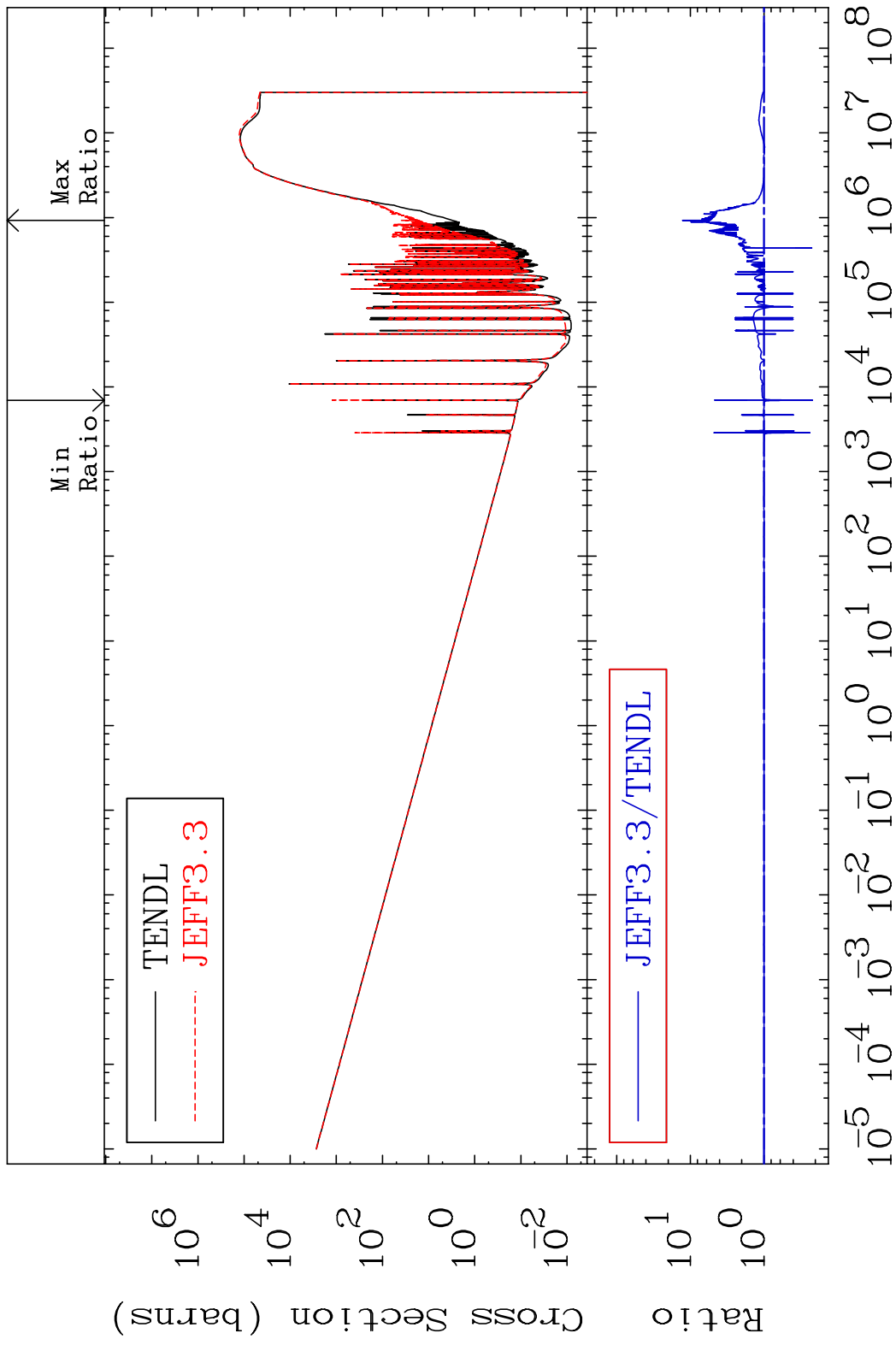
MAT 2025 Dpa elastic (mt2) 20-Ca-40
 Cross Section -99.33 To 500.6 %



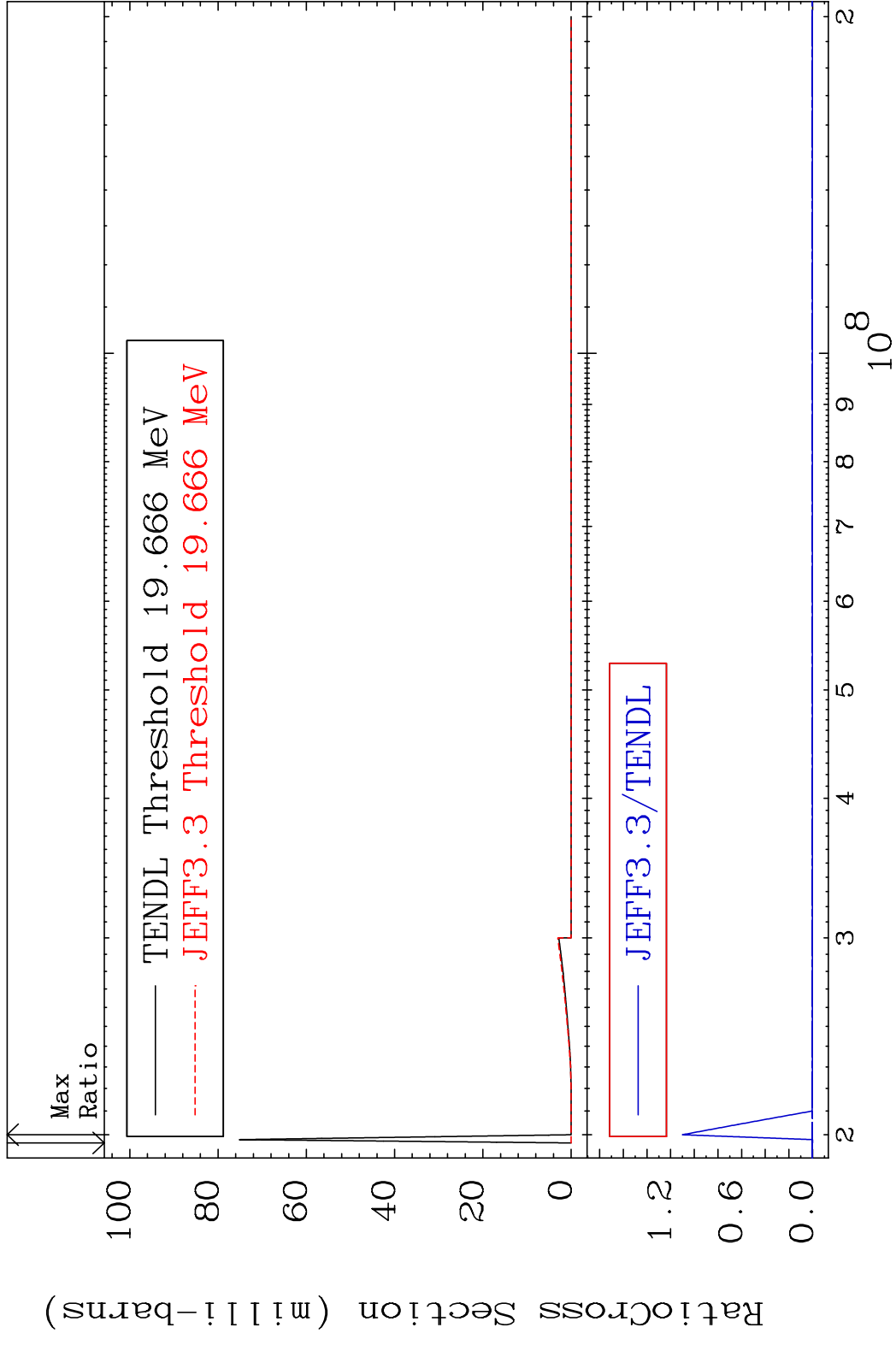
MAT 2025 Dpa inelastic (mt51-91) 20-Ca-40
 Cross Section -13.92 To 8.497 %

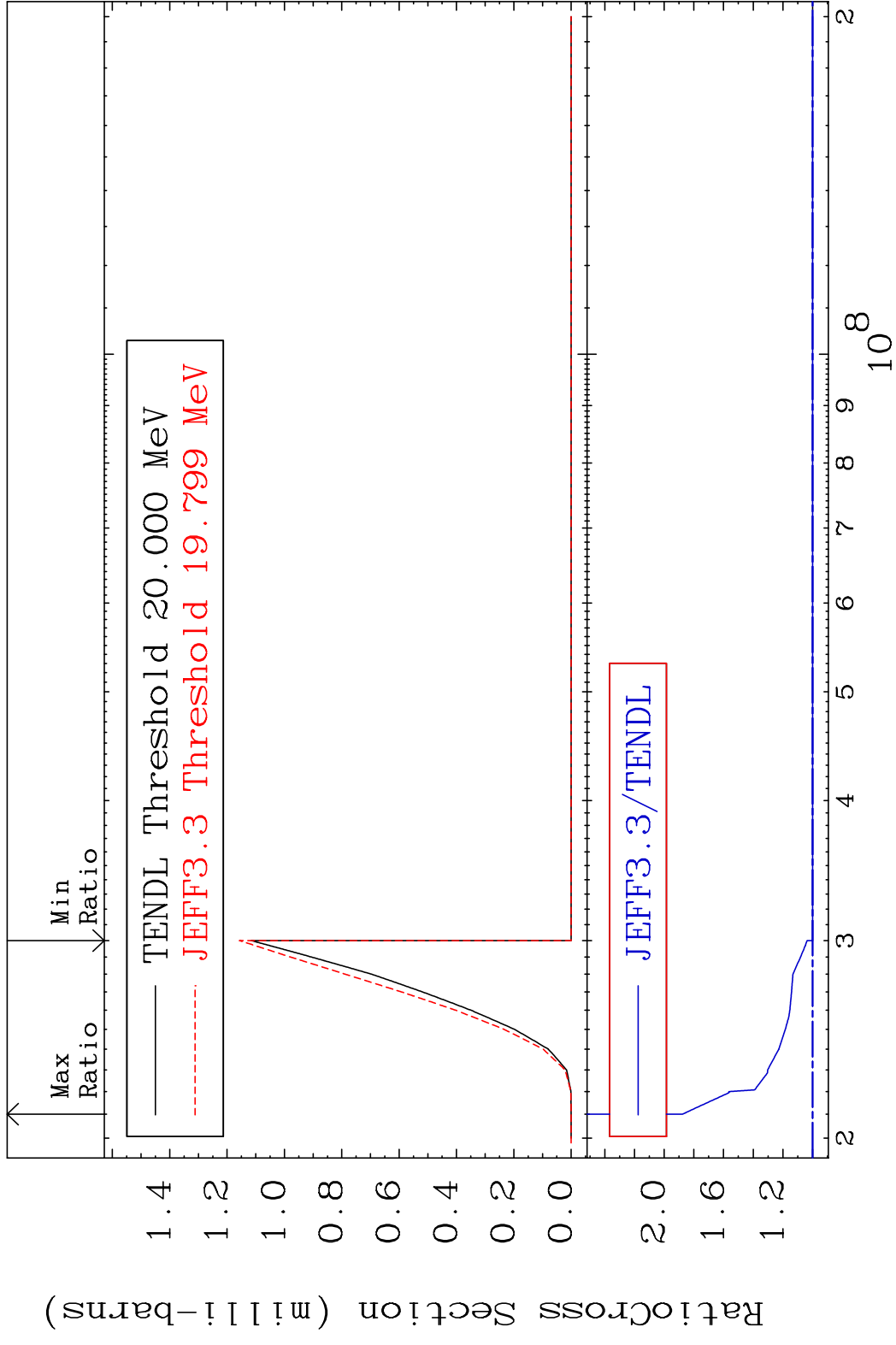


MAT 2025 Dpa disappearance (mt102 -120) 20-Ca-40
 Cross Section -78.16 To 1182. %

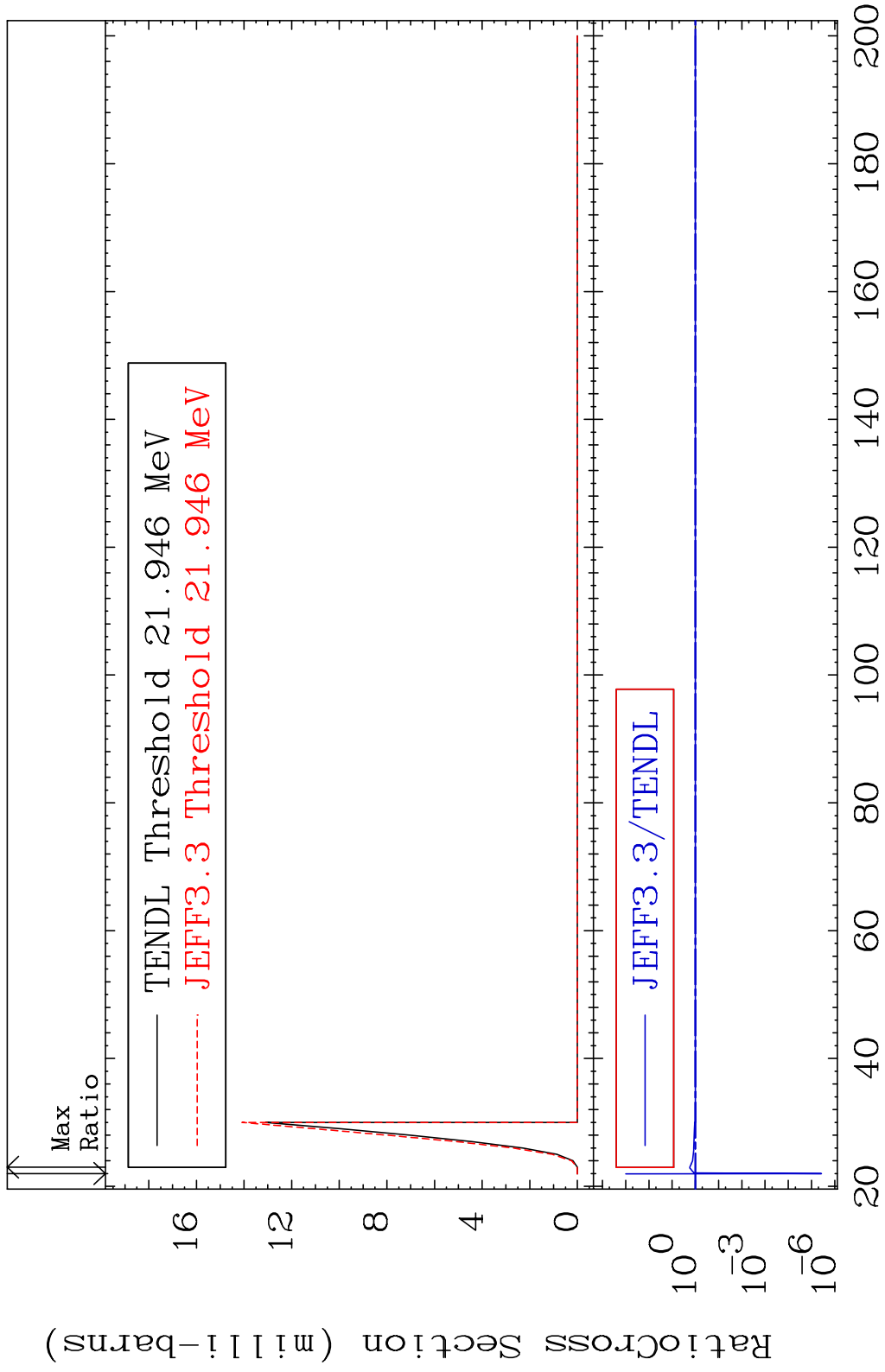


MAT 2025 (n, n') d:19-K -38g 20-Ca-40
 Radionuclide Production Cross Section 100.000000 9999. %

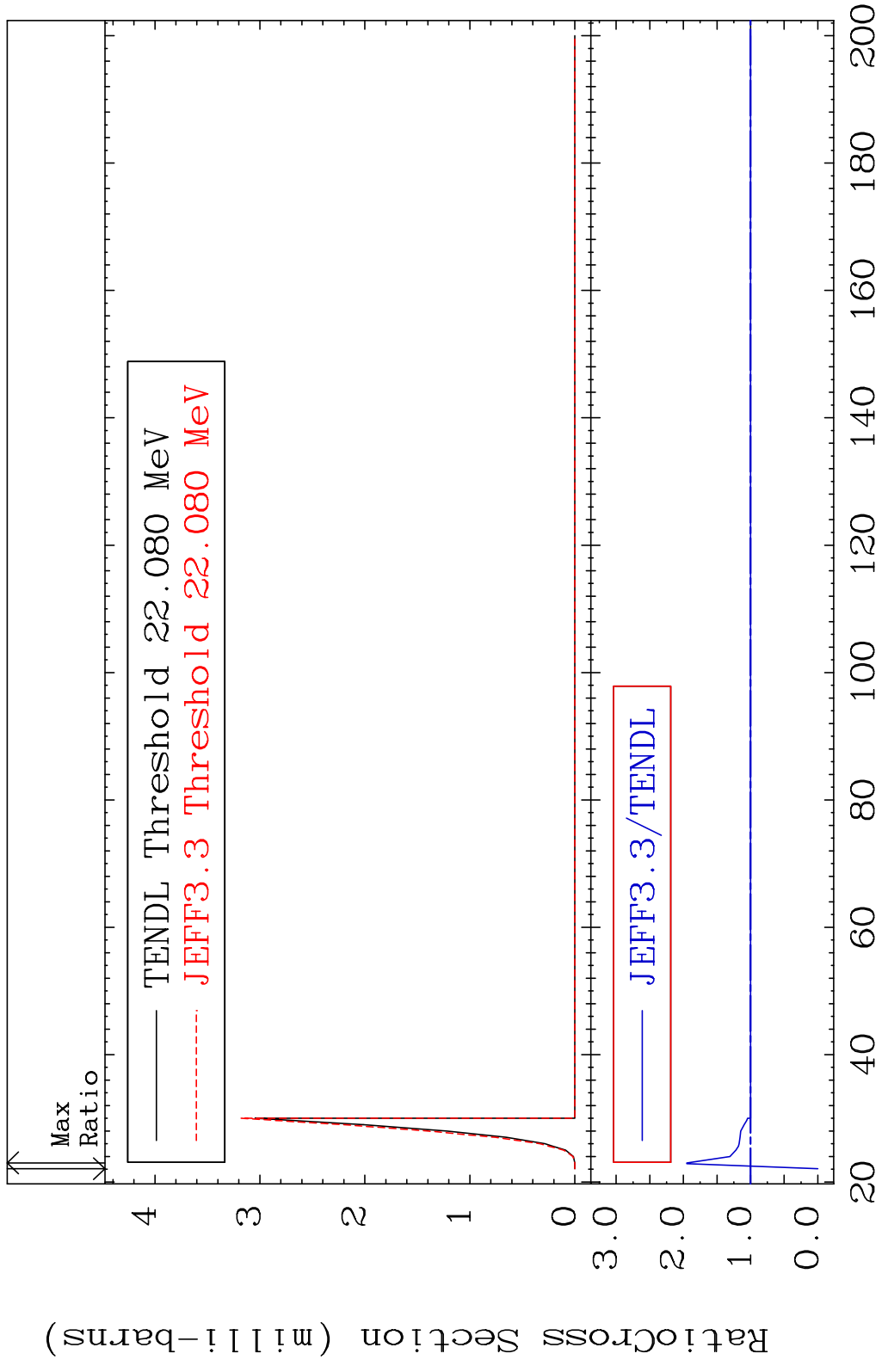




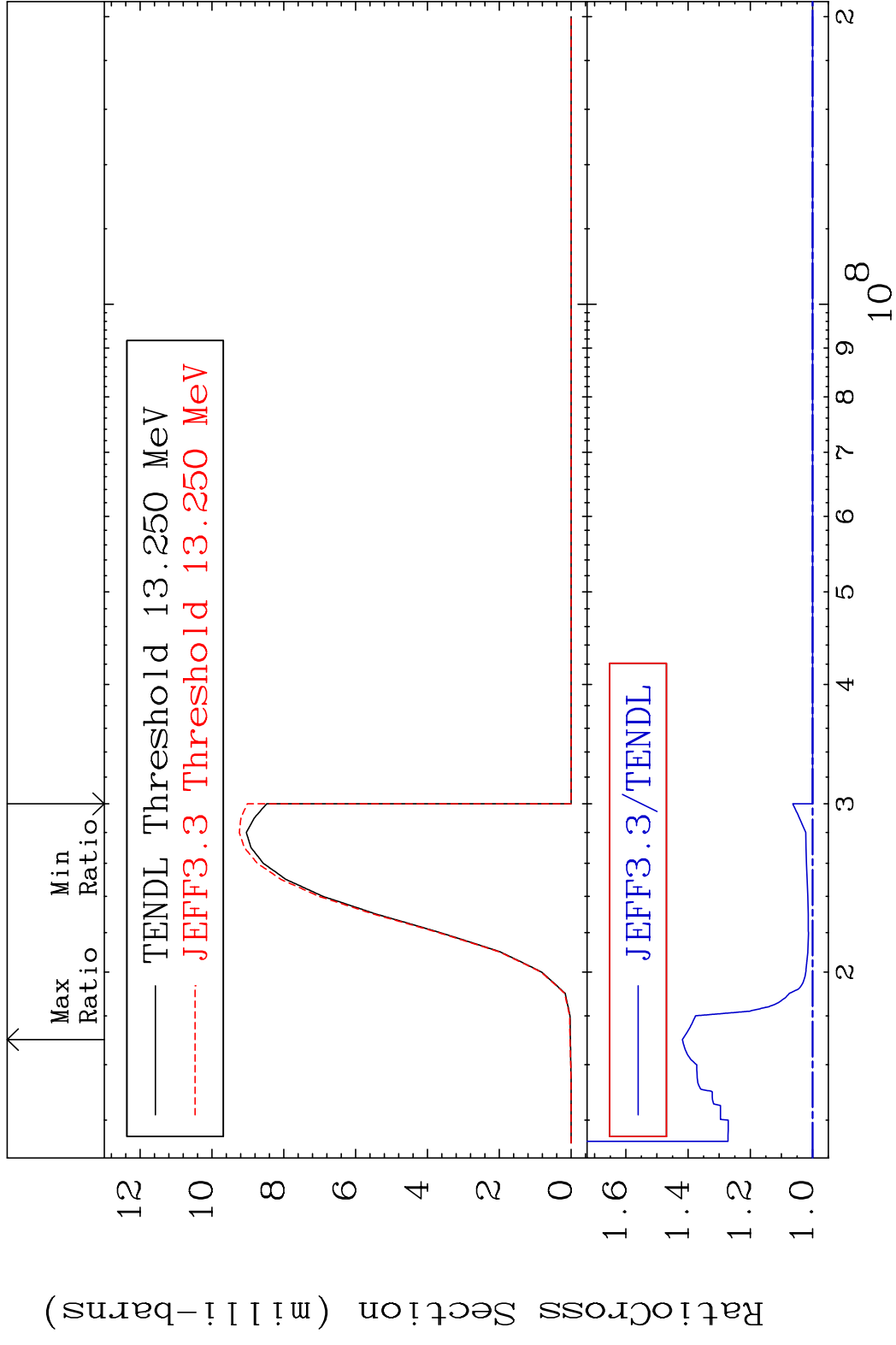
MAT 2025 (n,2n) p:19-K -38g 20-Ca-40
 Radionuclide Production Cross Section 1800 dth 74.02 %



MAT 2025 (n,2n) p:19-K -38m1 20-Ca-40
 Radionuclide Production Cross Section Ratio 94.99 %



MAT 2025 (n, t): 19-K -38g 20-Ca-40
 Radionuclide Production Cross Section 41.83 %



MAT 2025 (n,t):19-K -38m1 20-Ca-40
 Radionuclide Production Cross Section 1800 dth 31.55 %

