

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

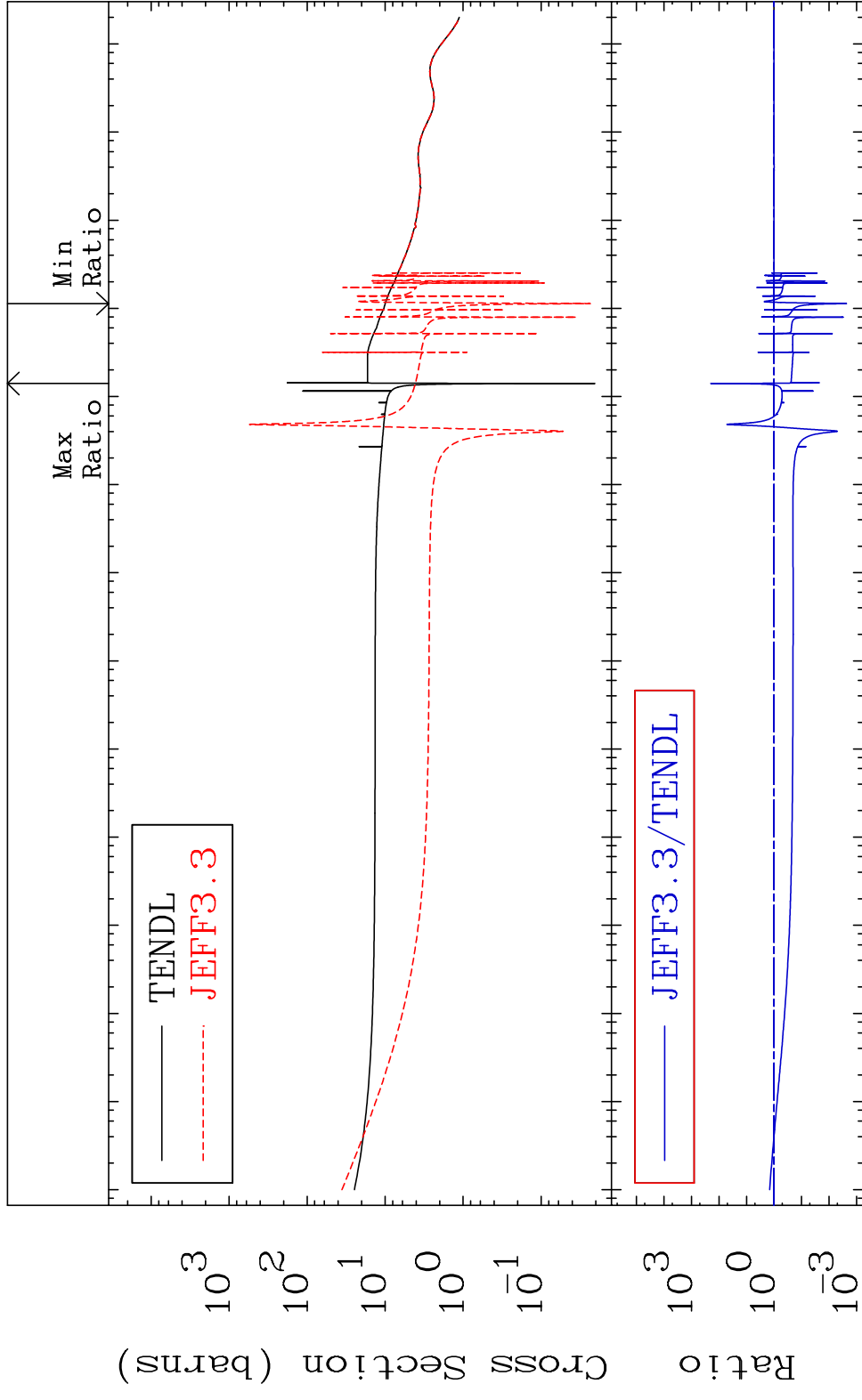
MAT 2643

Total

26-Fe-60

Cross Section

-99.76 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

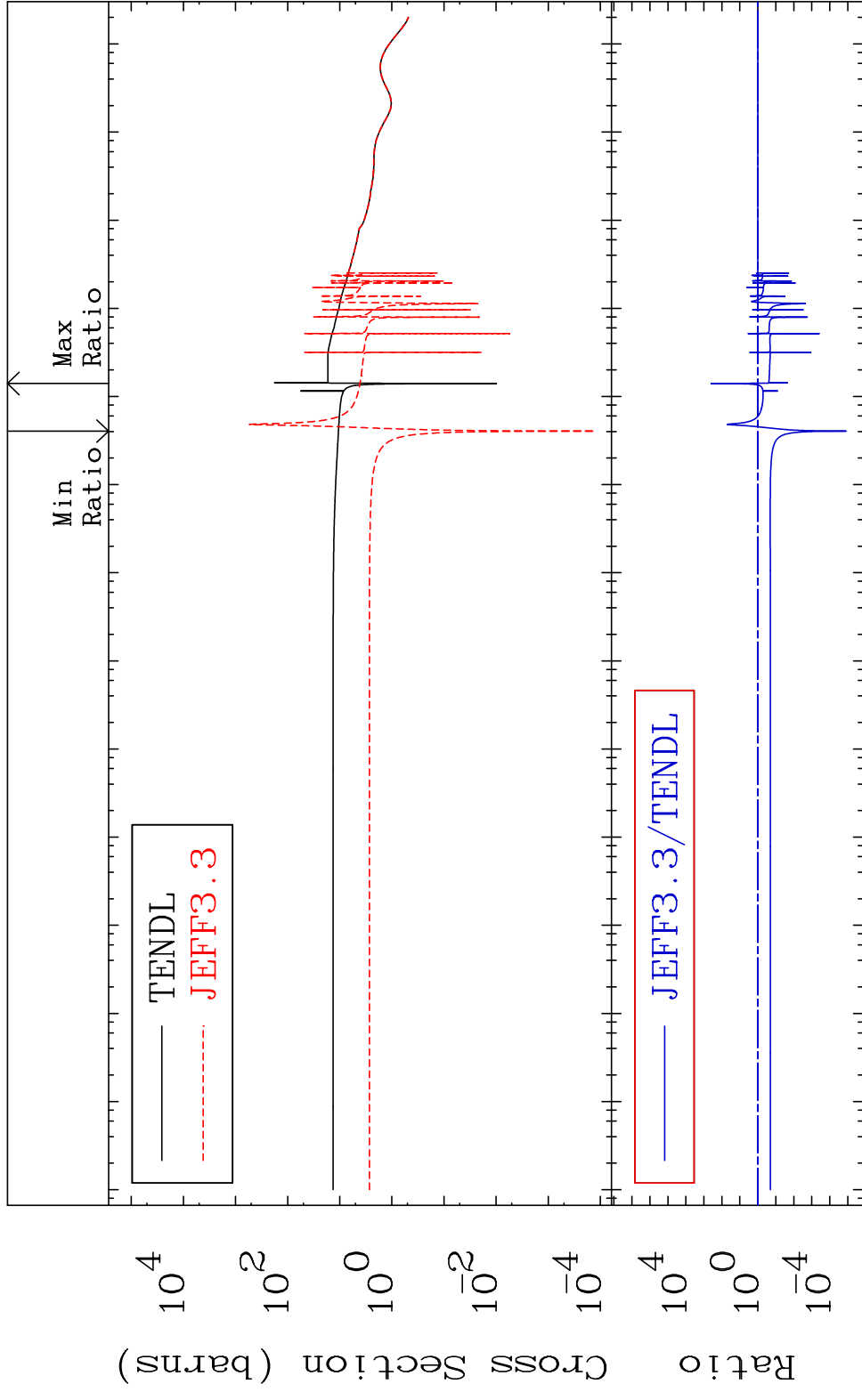
1

Incident Energy (eV)

26-Fe-60

MAT 2643

Elastic Cross Section -100.0 To 9999. %
26-Fe-60

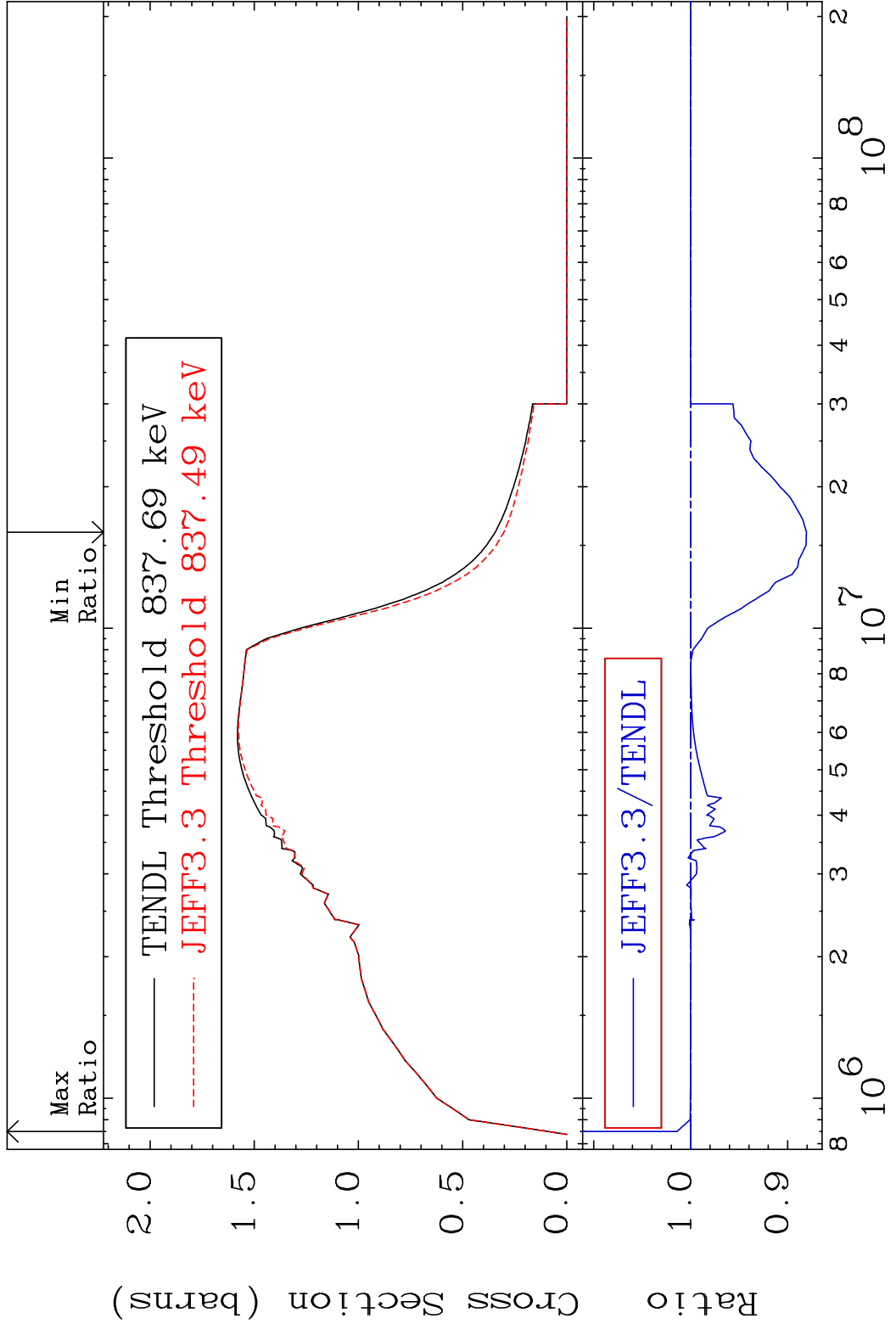


2

Incident Energy (eV)

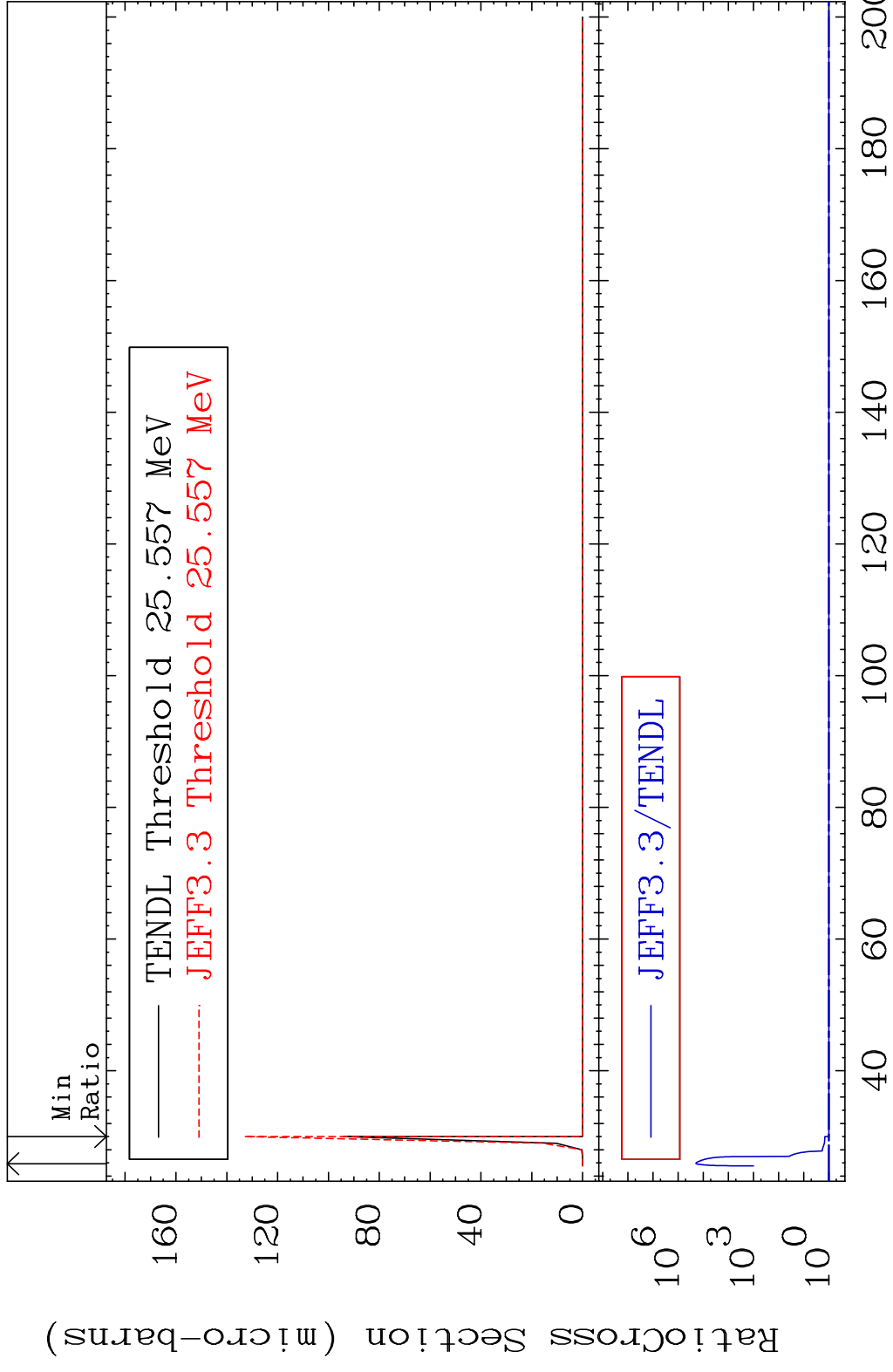
26-Fe-60

MAT 2643 Inelastic 26-Fe-60
Cross Section -11.93 To 1.391 %

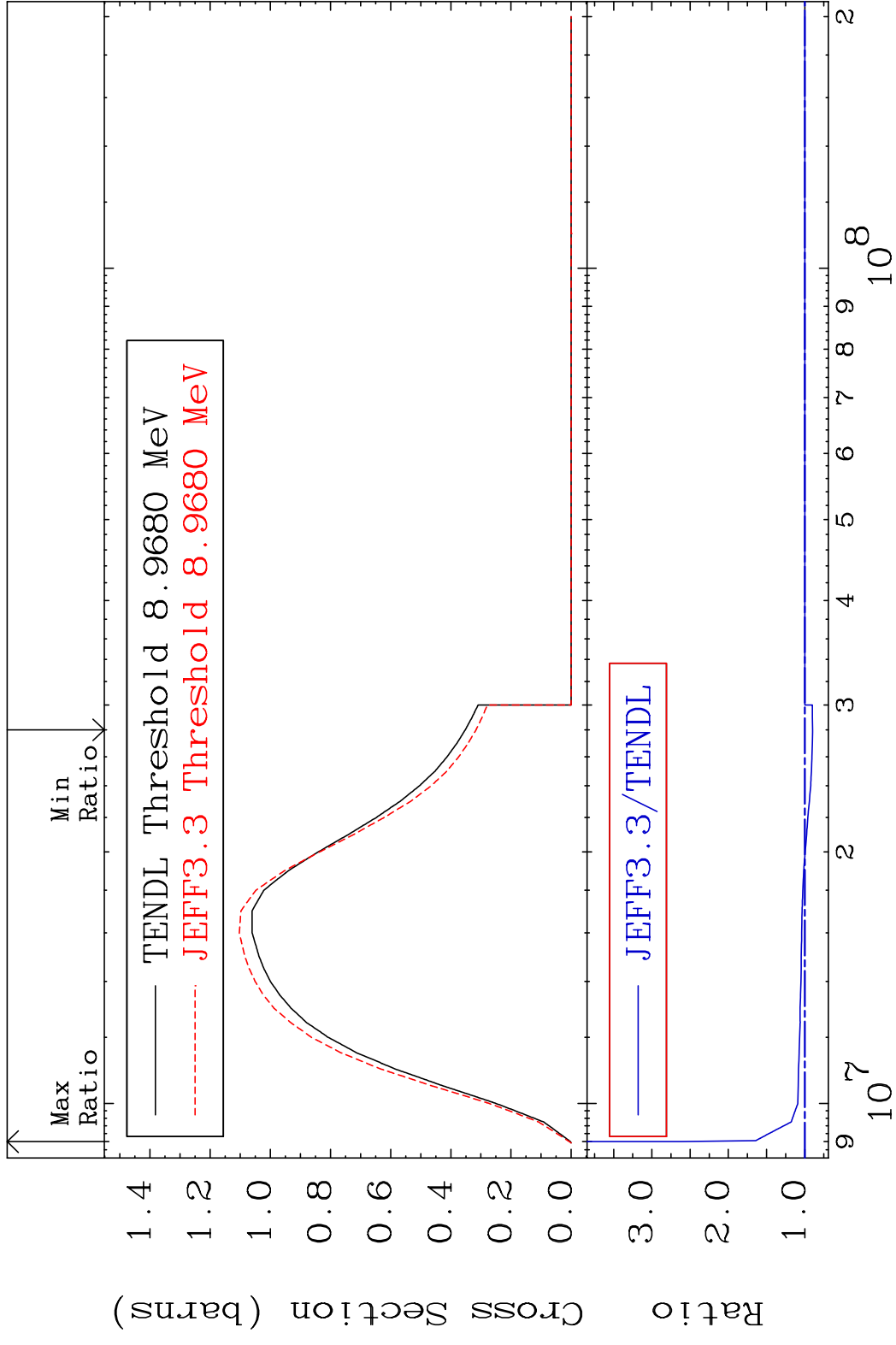


3 8 10⁶ 2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 2

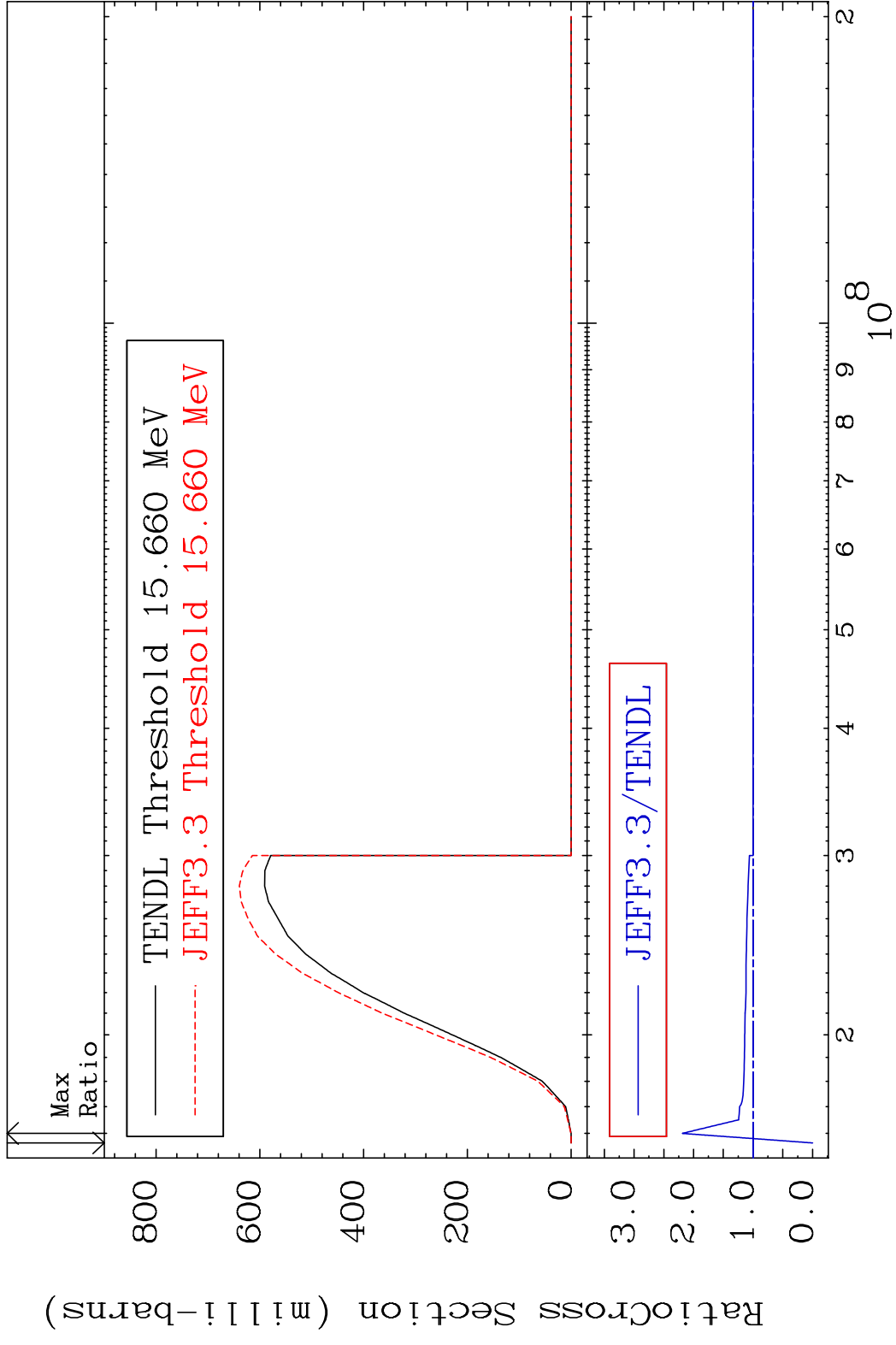
MAT 2643 (n,2n) d 26-Fe-60
 Cross Section 0.000 To 9999. %



MAT 2643 (n,2n) 26-Fe-60
 Cross Section -10.19 To 160.1 %



MAT 2643 (n,3n) ²⁶Fe-60
 Cross Section -100.0 To 118.8 %

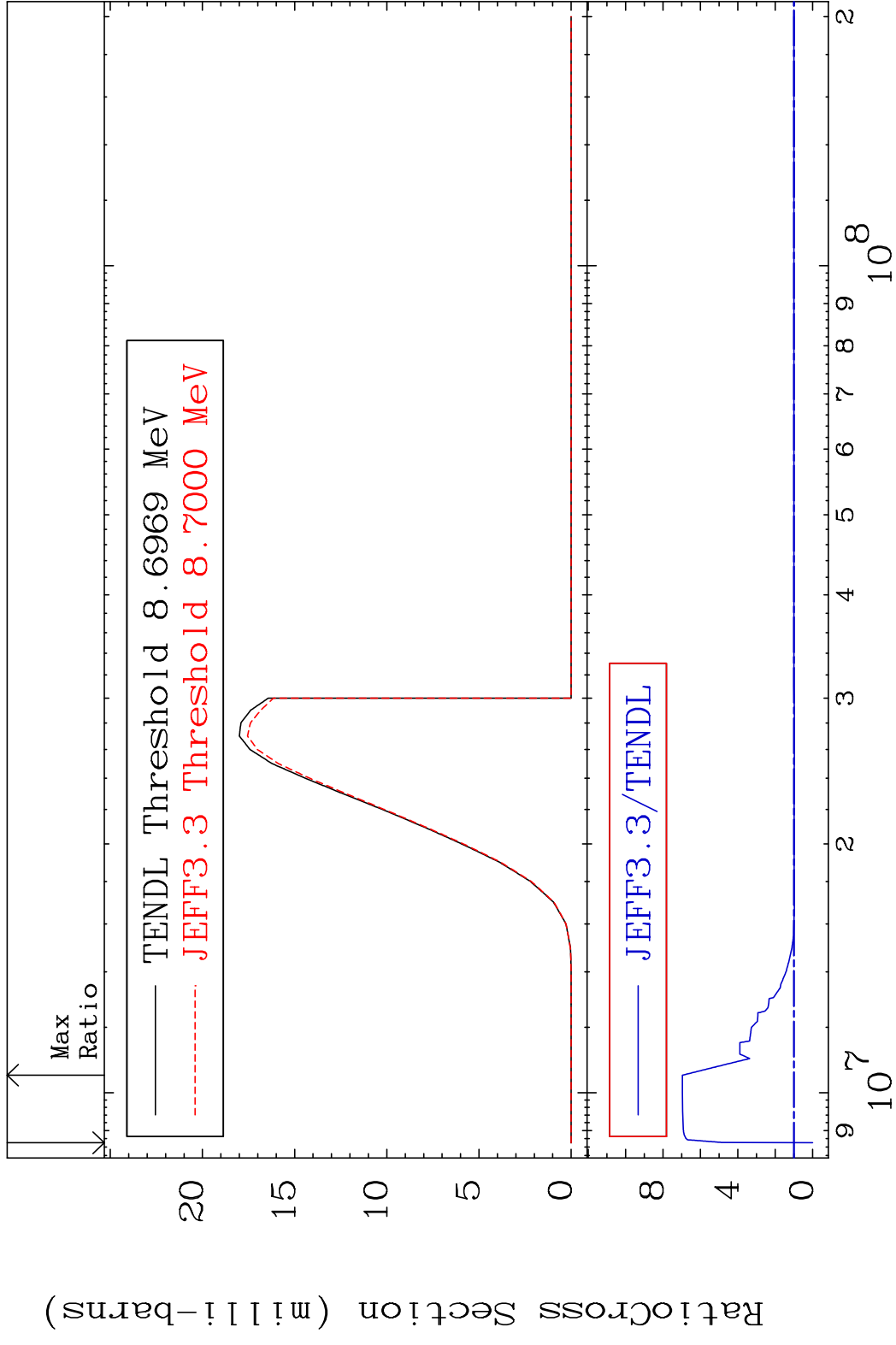


MAT 2643

(n, n') α

²⁶Fe-60

Cross Section -100.0 To 596.5 %

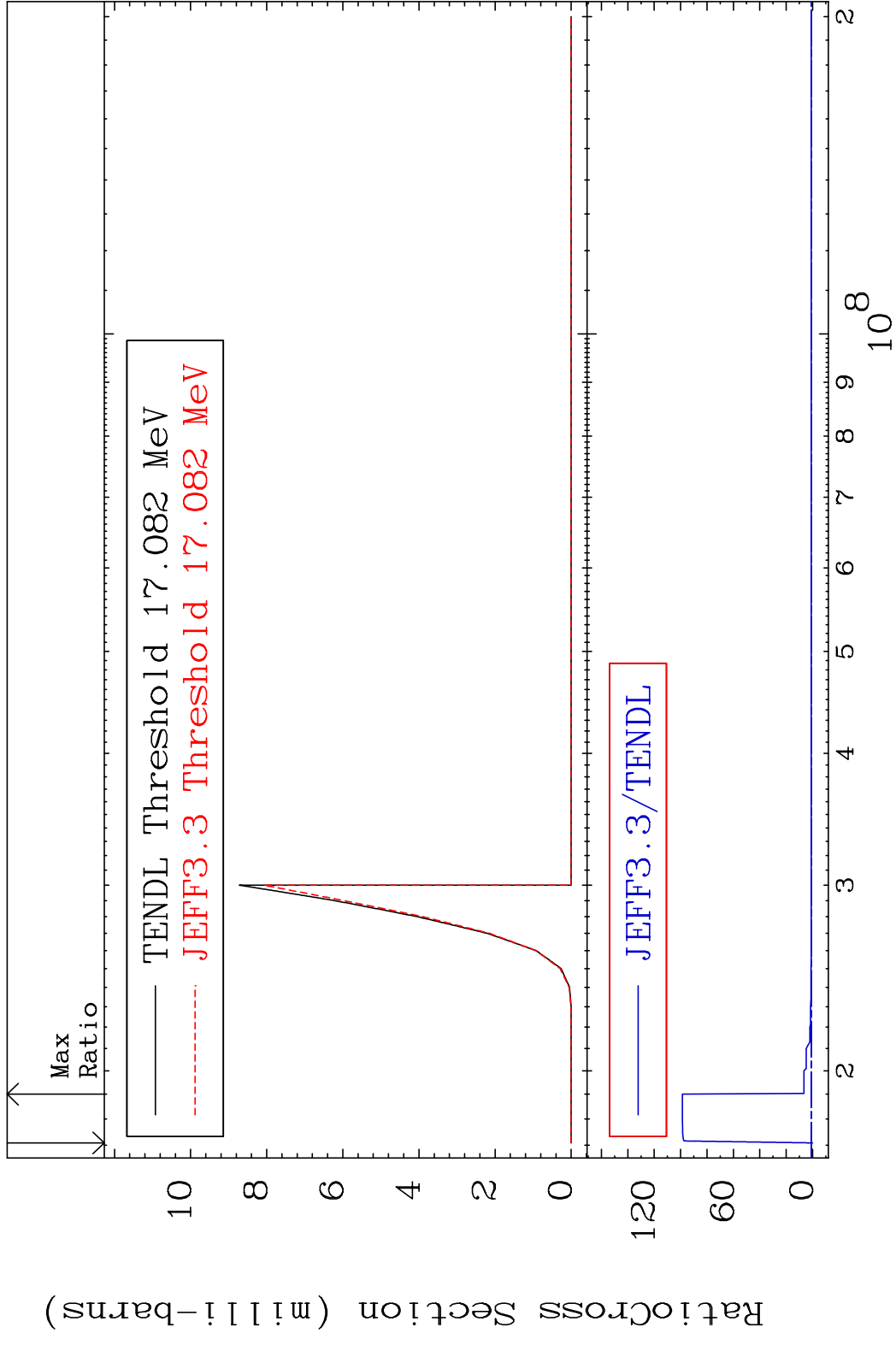


7

Incident Energy (eV)

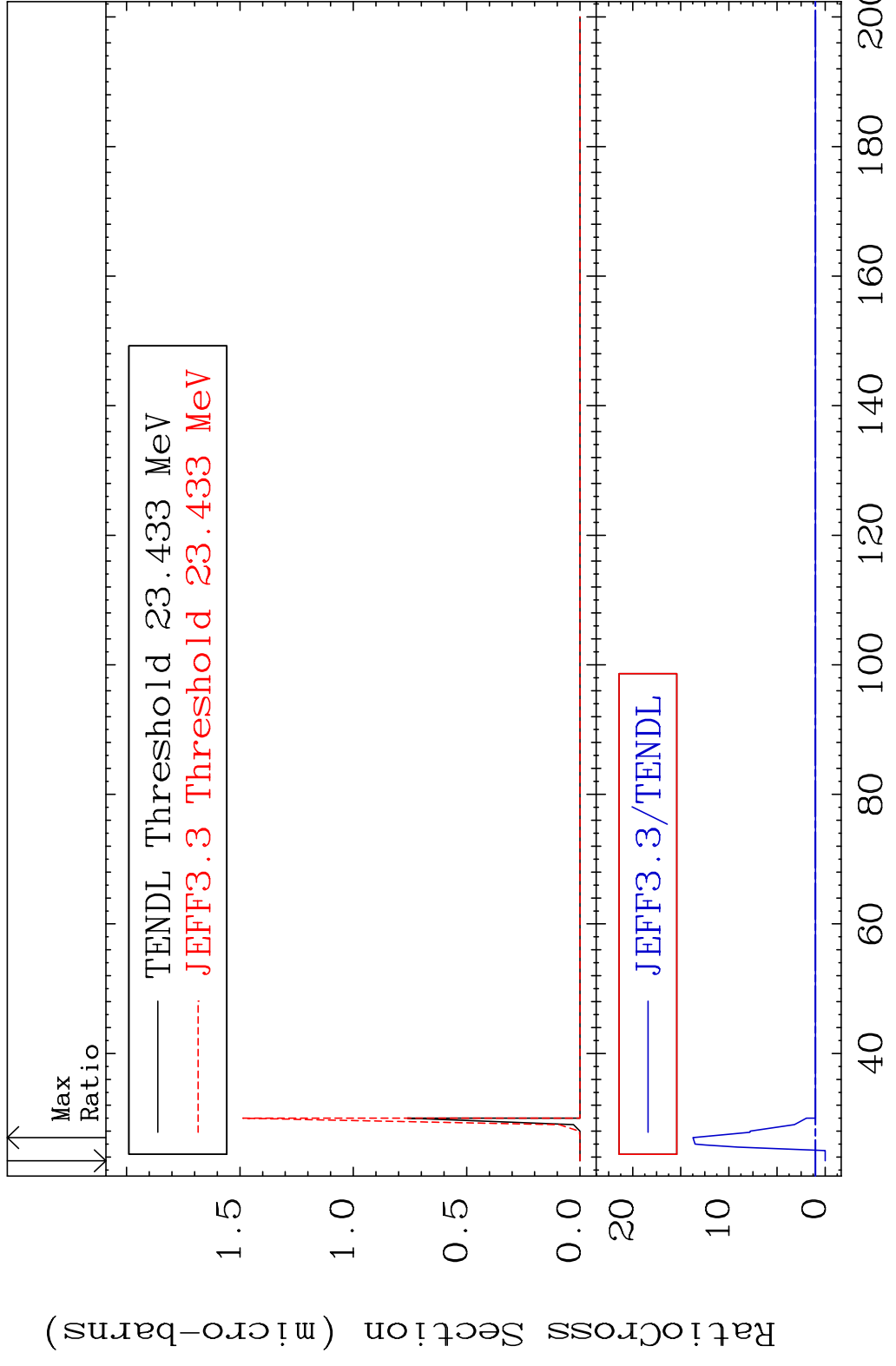
²⁶Fe-60

MAT 2643 (n,2n) α $^{26}\text{Fe-60}$
 Cross Section -100.0 To 9766. %

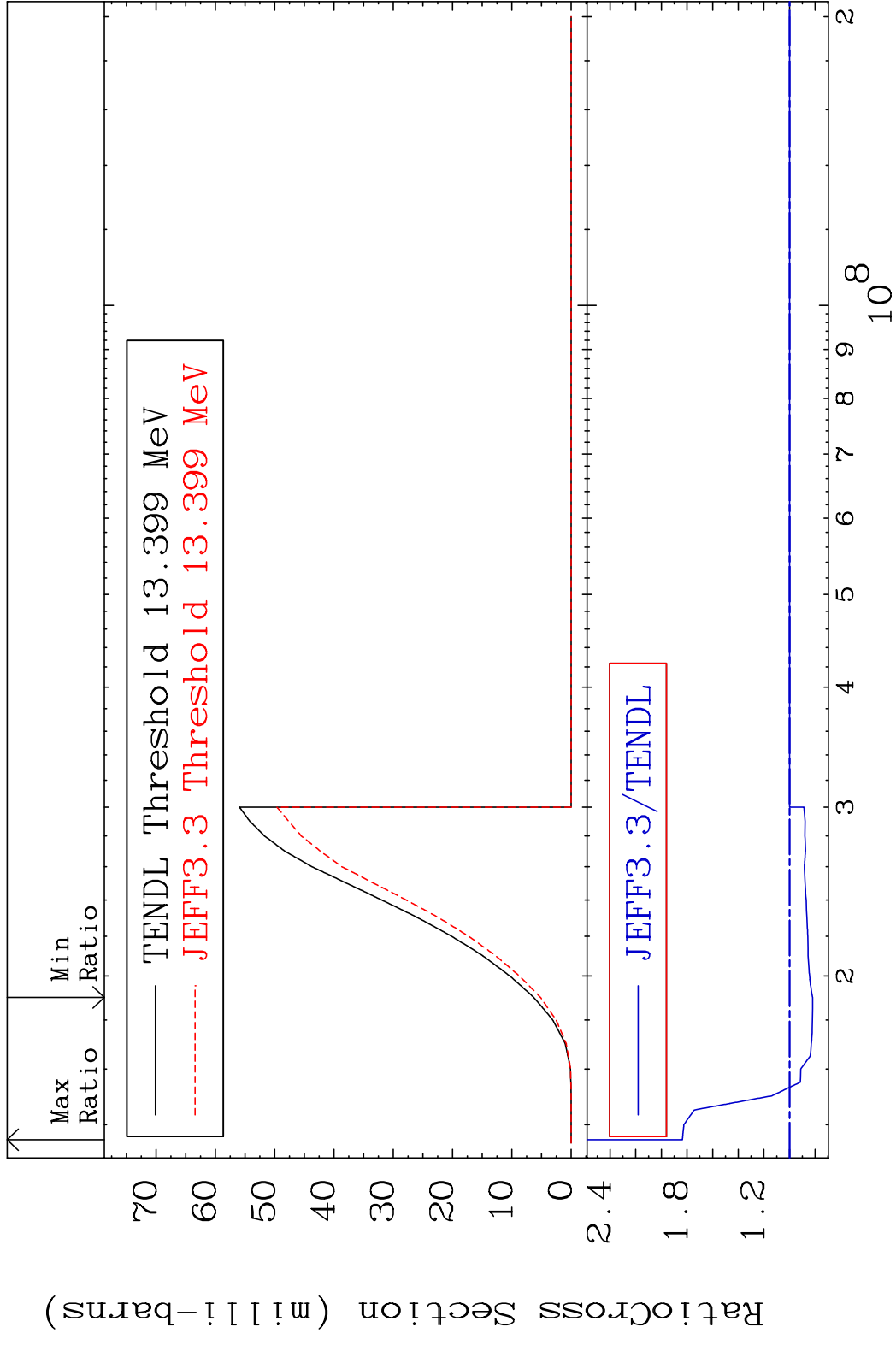


8 26-Fe-60

MAT 2643 (n,3n) α ²⁶Fe-60
 Cross Section -100.0 To 1274. %

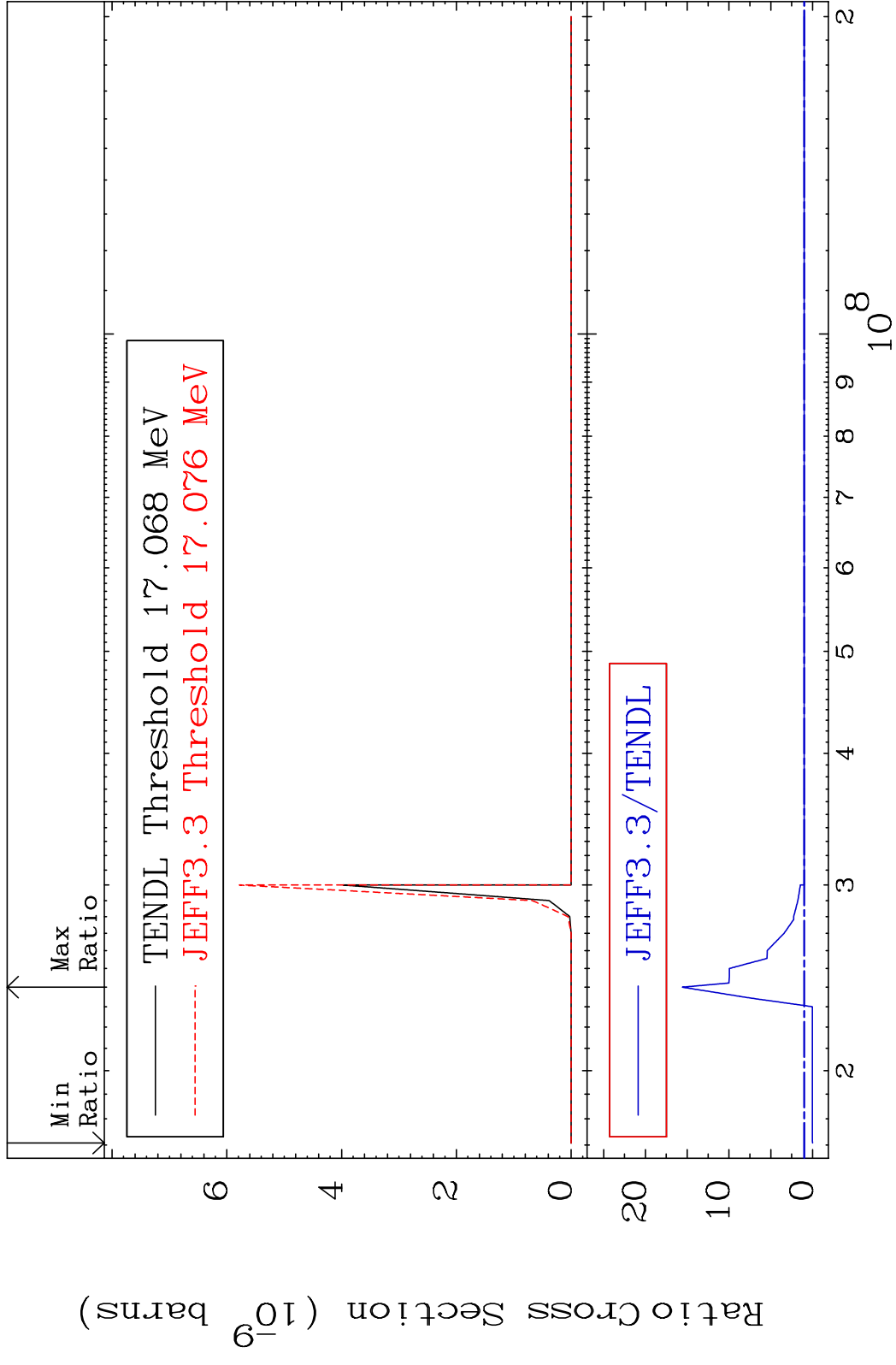


MAT 2643 (n, n') p 26-Fe-60
 Cross Section -17.96 To 83.61 %



10 Incident Energy (eV) 26-Fe-60

MAT 2643 (n, n') 2α 26-Fe-60
 Cross Section -100.0 To 1458. %

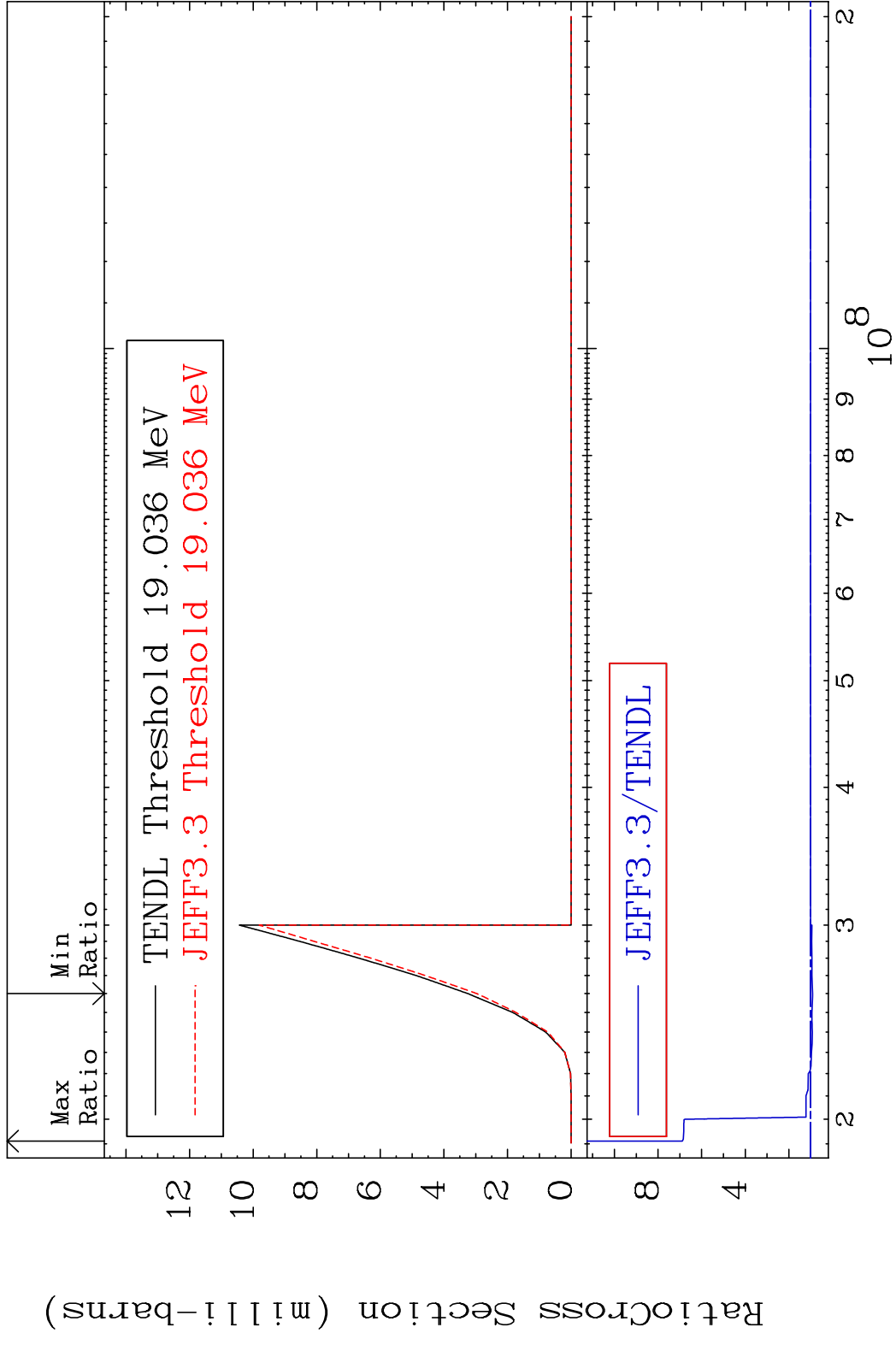


MAT 2643

(n, n') d

²⁶Fe-60

Cross Section -8.768 To 588.4 %

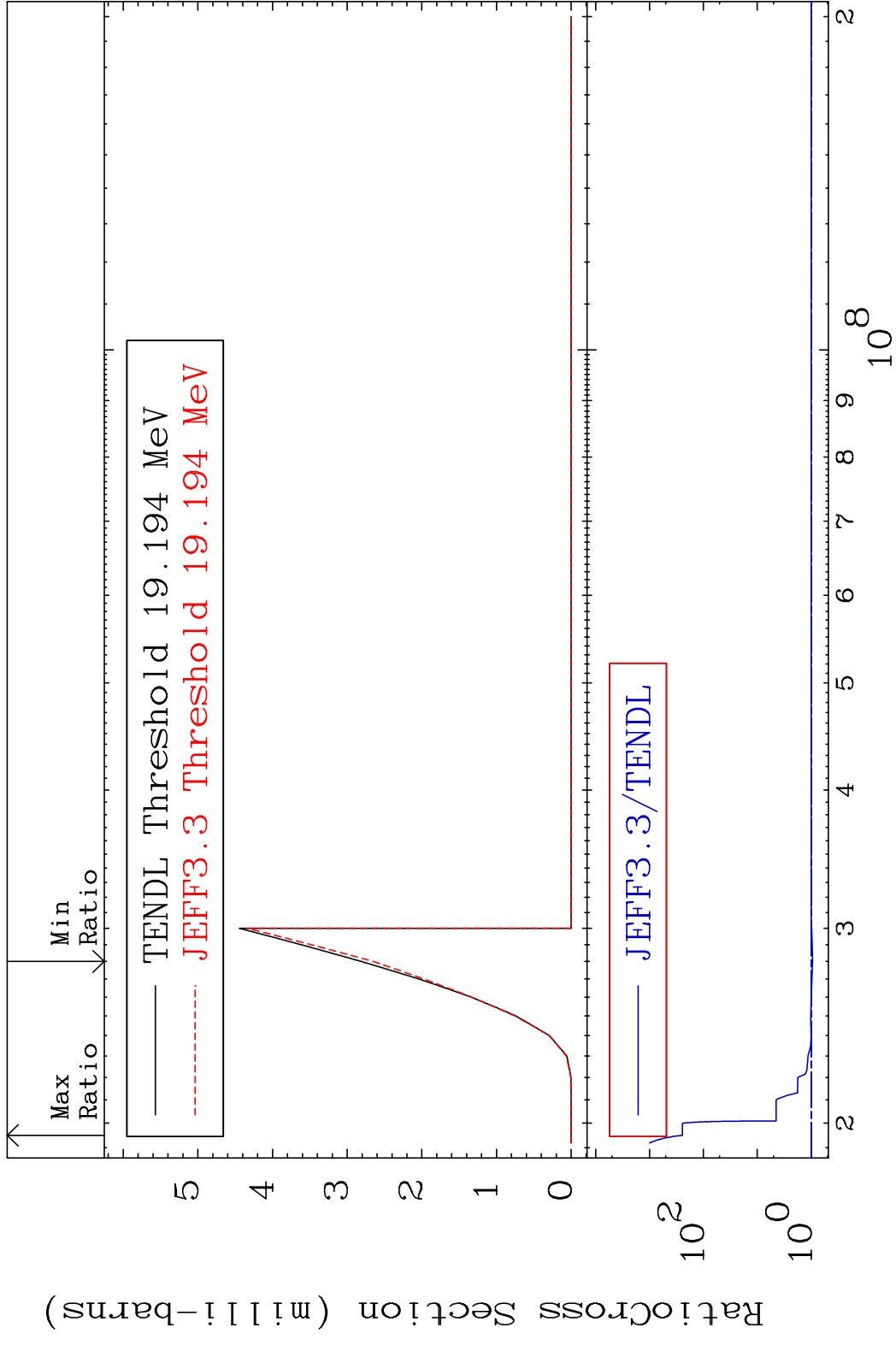


12

Incident Energy (eV)

²⁶Fe-60

MAT 2643 (n, n') t 26-Fe-60
 Cross Section -5.760 To 9999. %

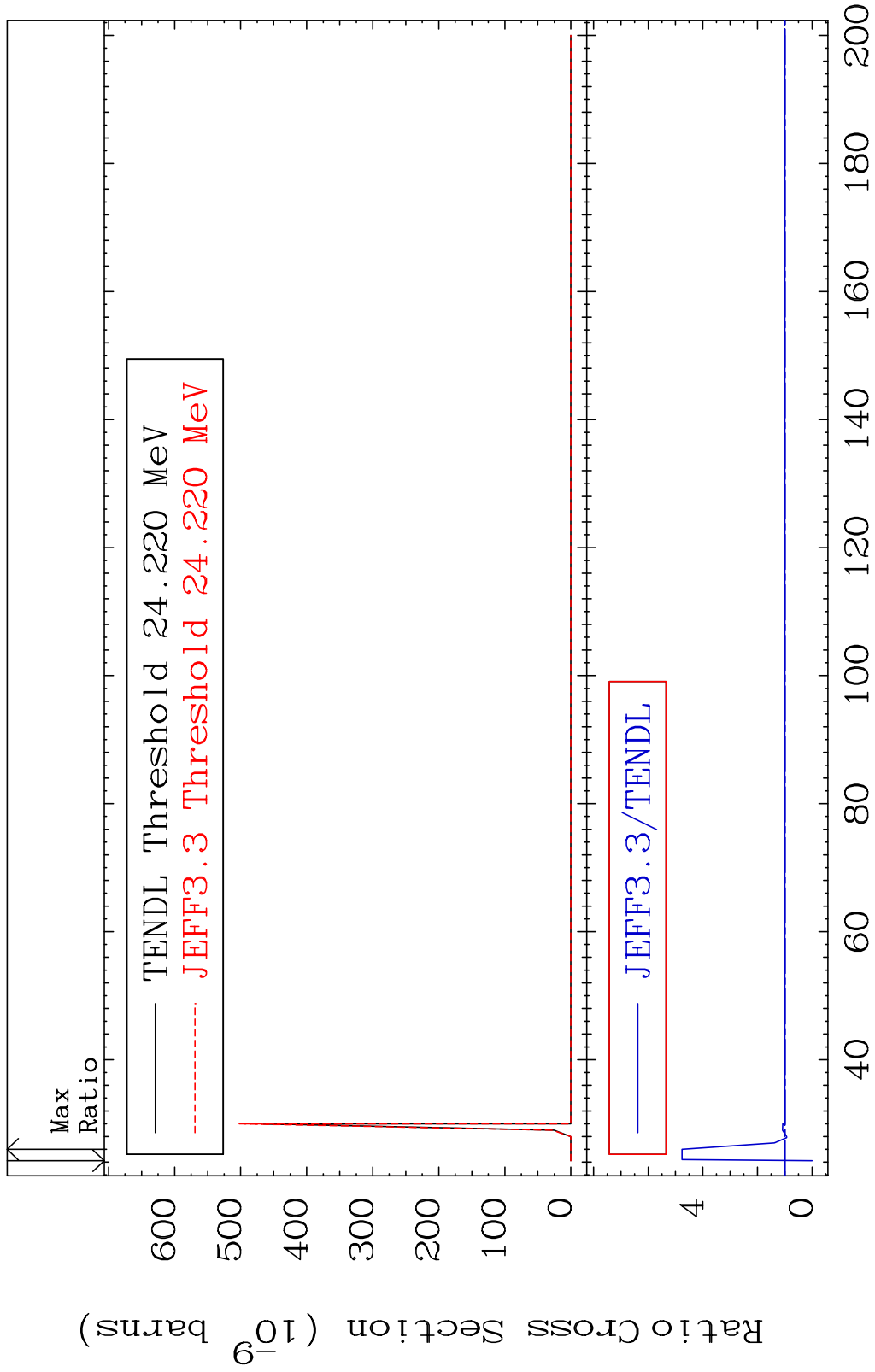


MAT 2643

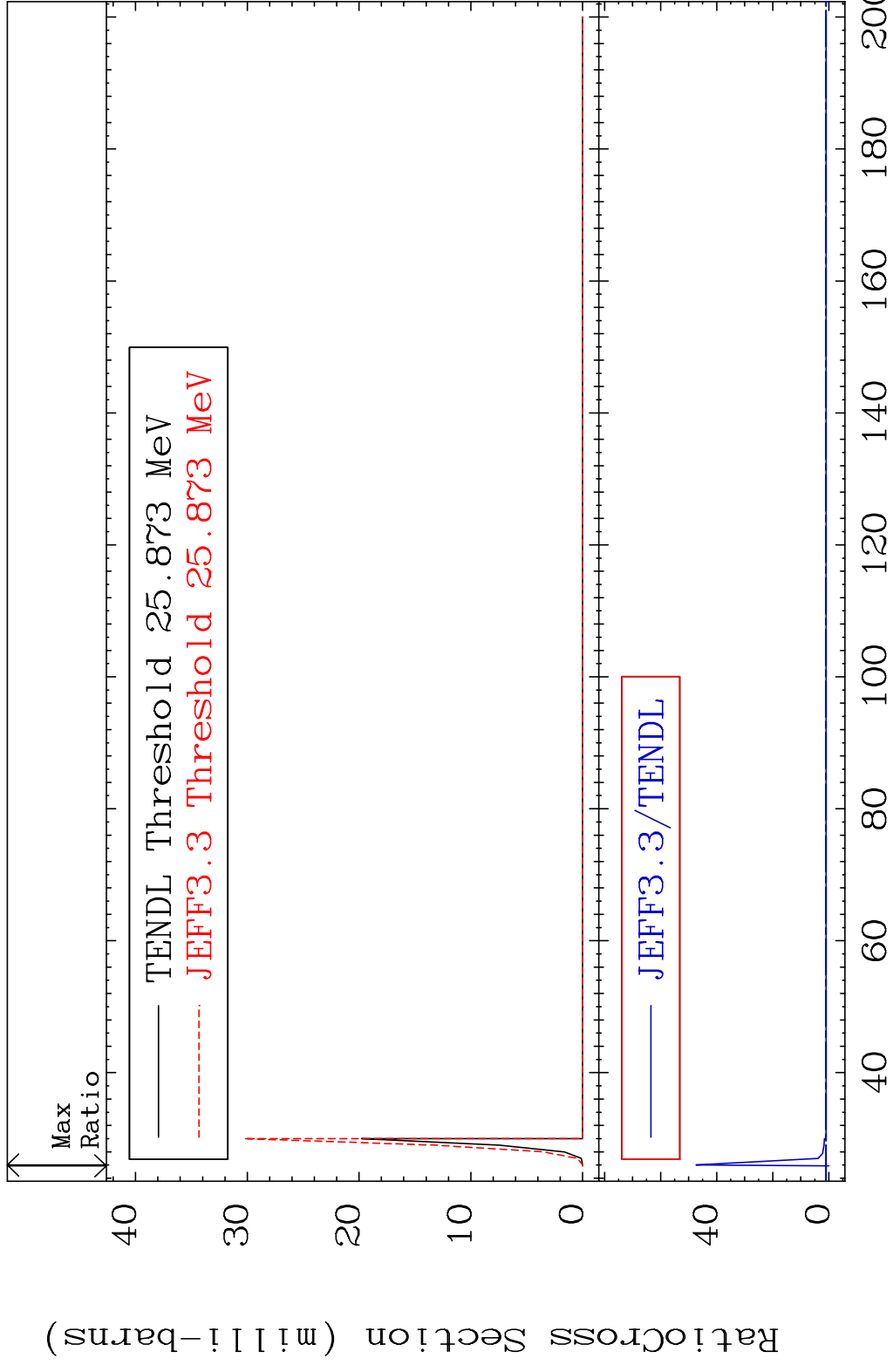
(n,n') He-3

26-Fe-60

Cross Section -100.0 To 376.3 %



MAT 2643 (n,4n) 26-Fe-60
 Cross Section -100.0 To 4637. %

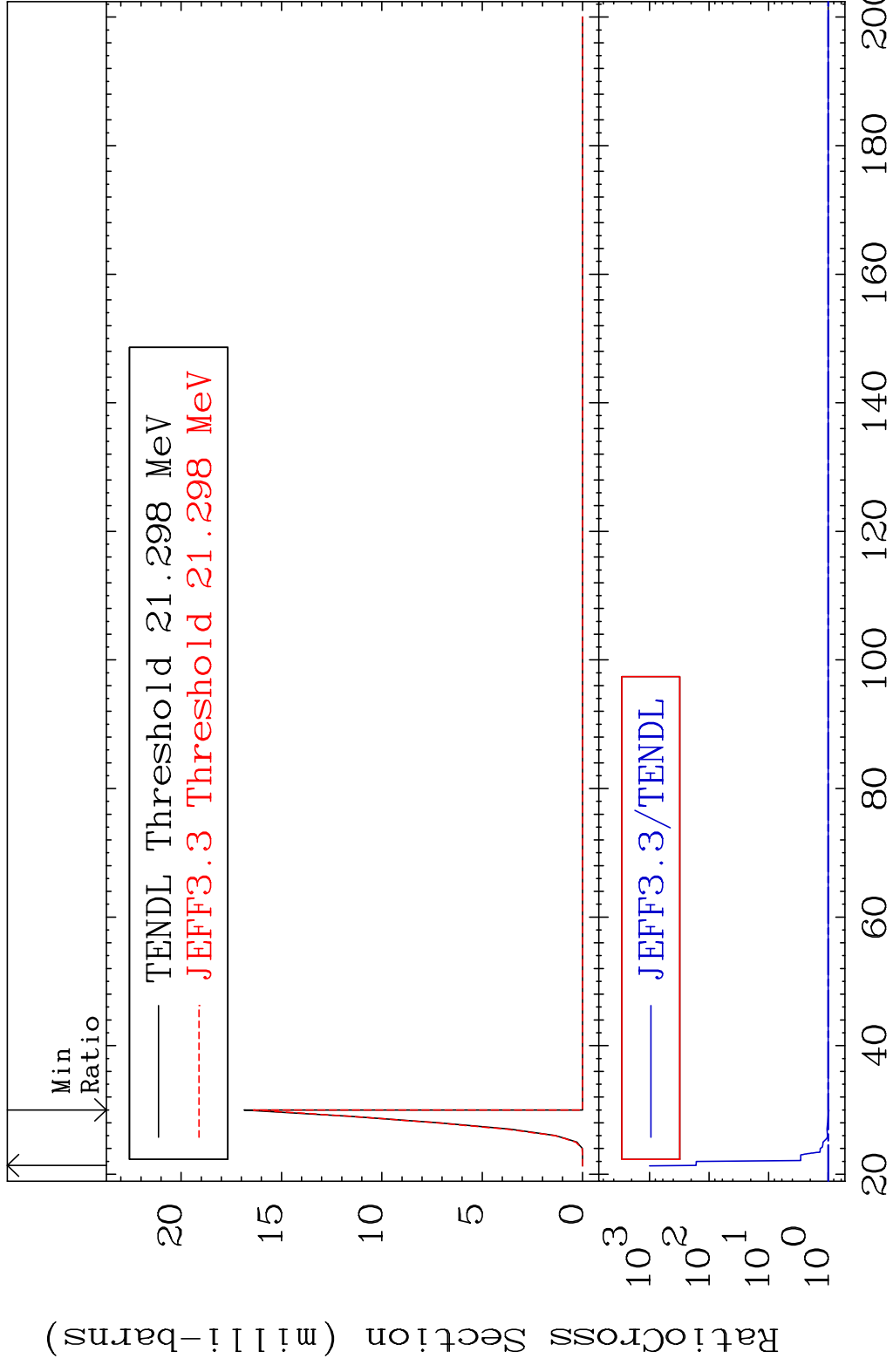


MAT 2643

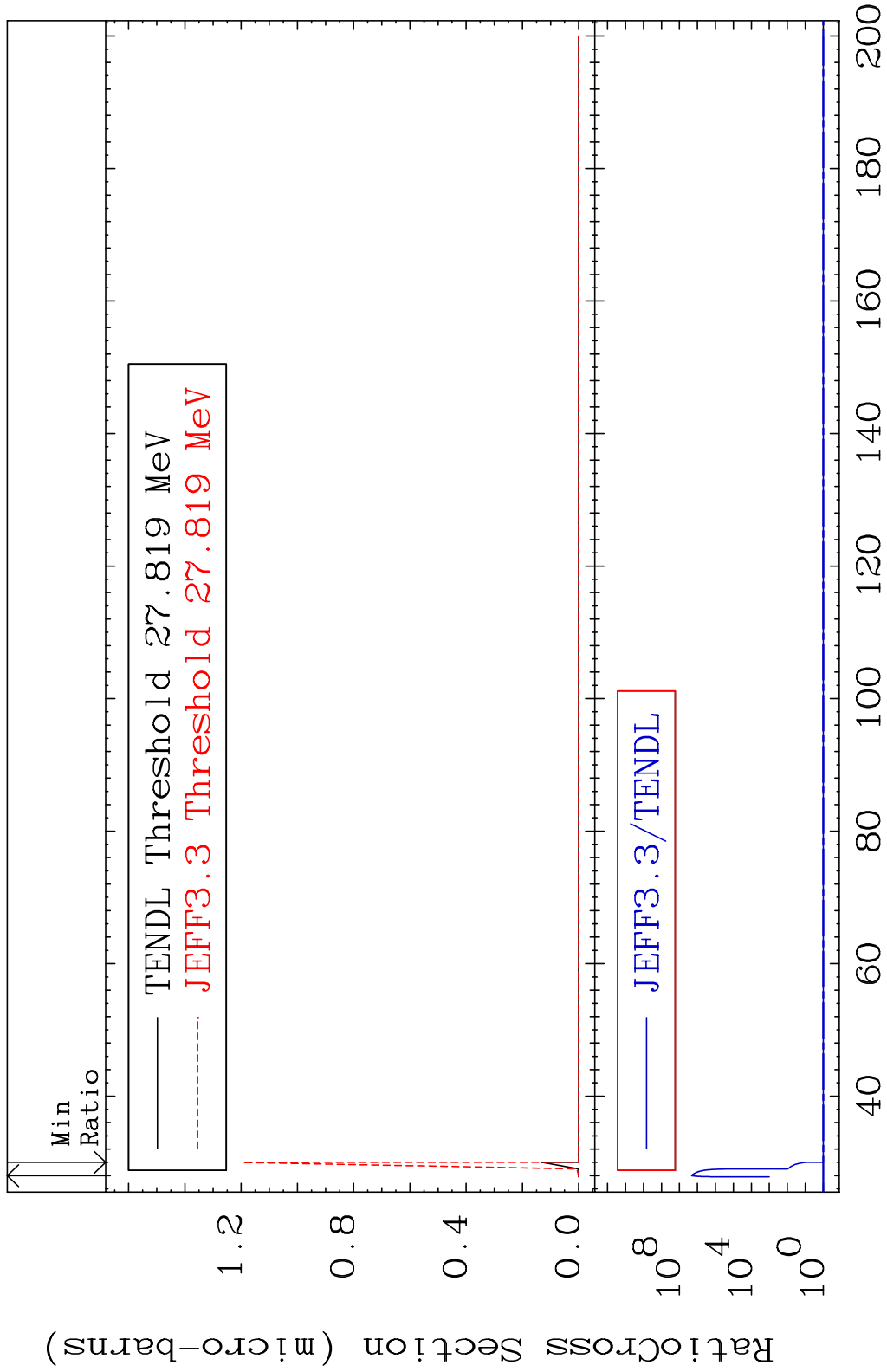
(n,2n) p

²⁶Fe-60

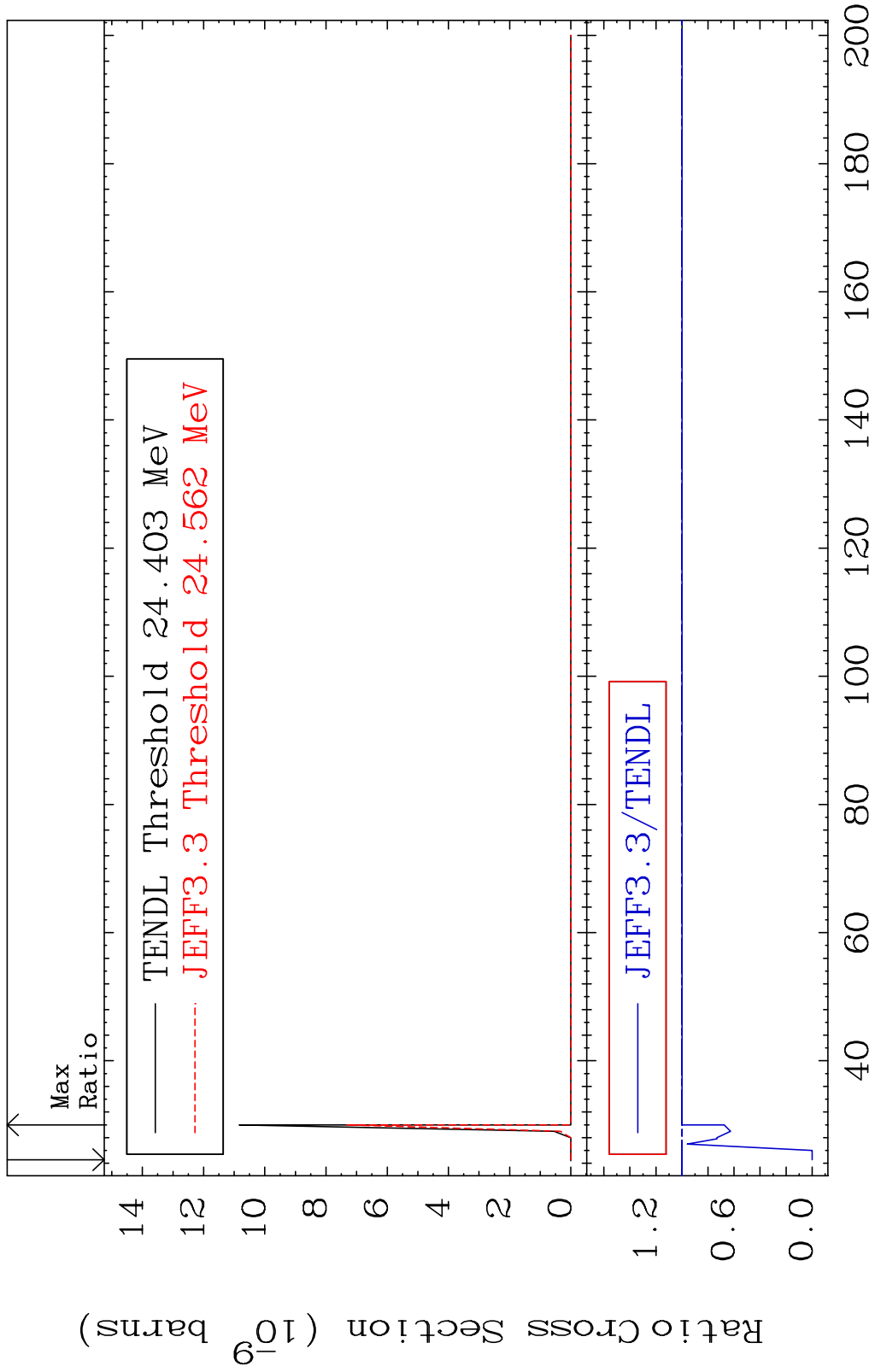
Cross Section -2.772 To 9999. %



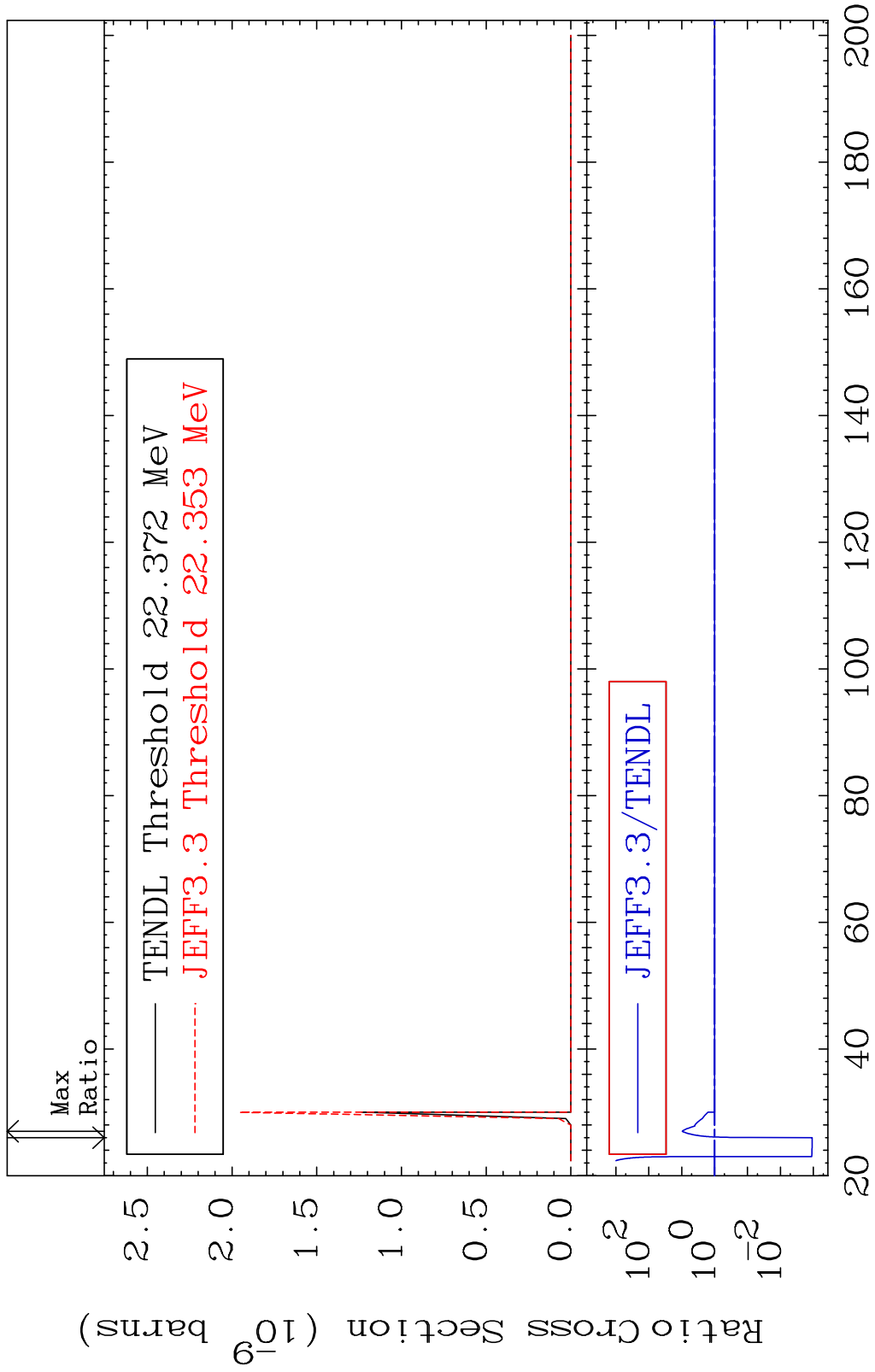
MAT 2643 (n,3n) p 26-Fe-60
 Cross Section 0.000 To 9999. %



MAT 2643 (n,2n) p 26-Fe-60
 Cross Section -100.0 To 0.000 %



MAT 2643 (n, n') p α 26-Fe-60
 Cross Section -99.89 To 880.7 %

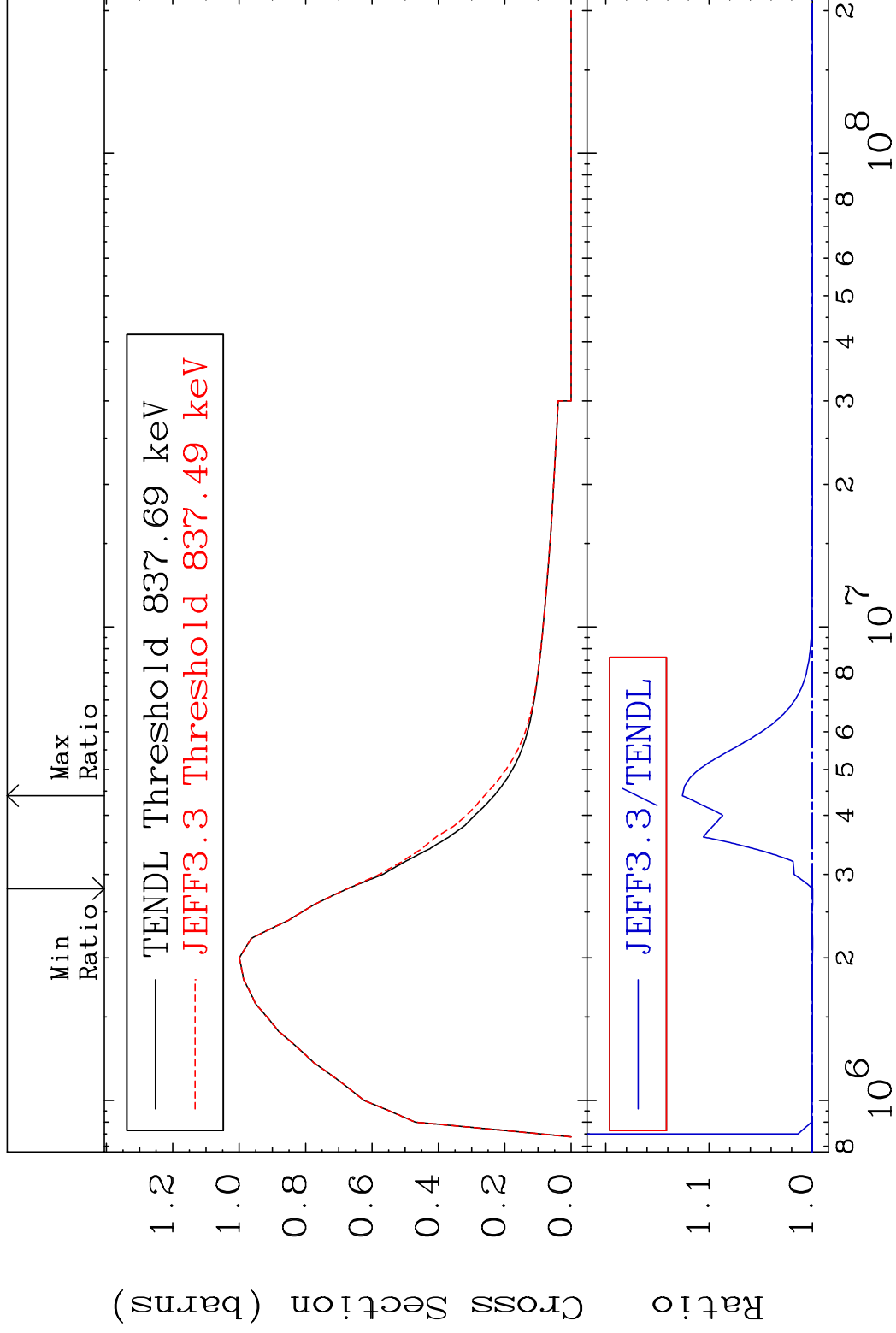


MAT 2643

MT= 51 (n, n') Level

²⁶Fe-60

Cross Section -0.021 To 12.59 %

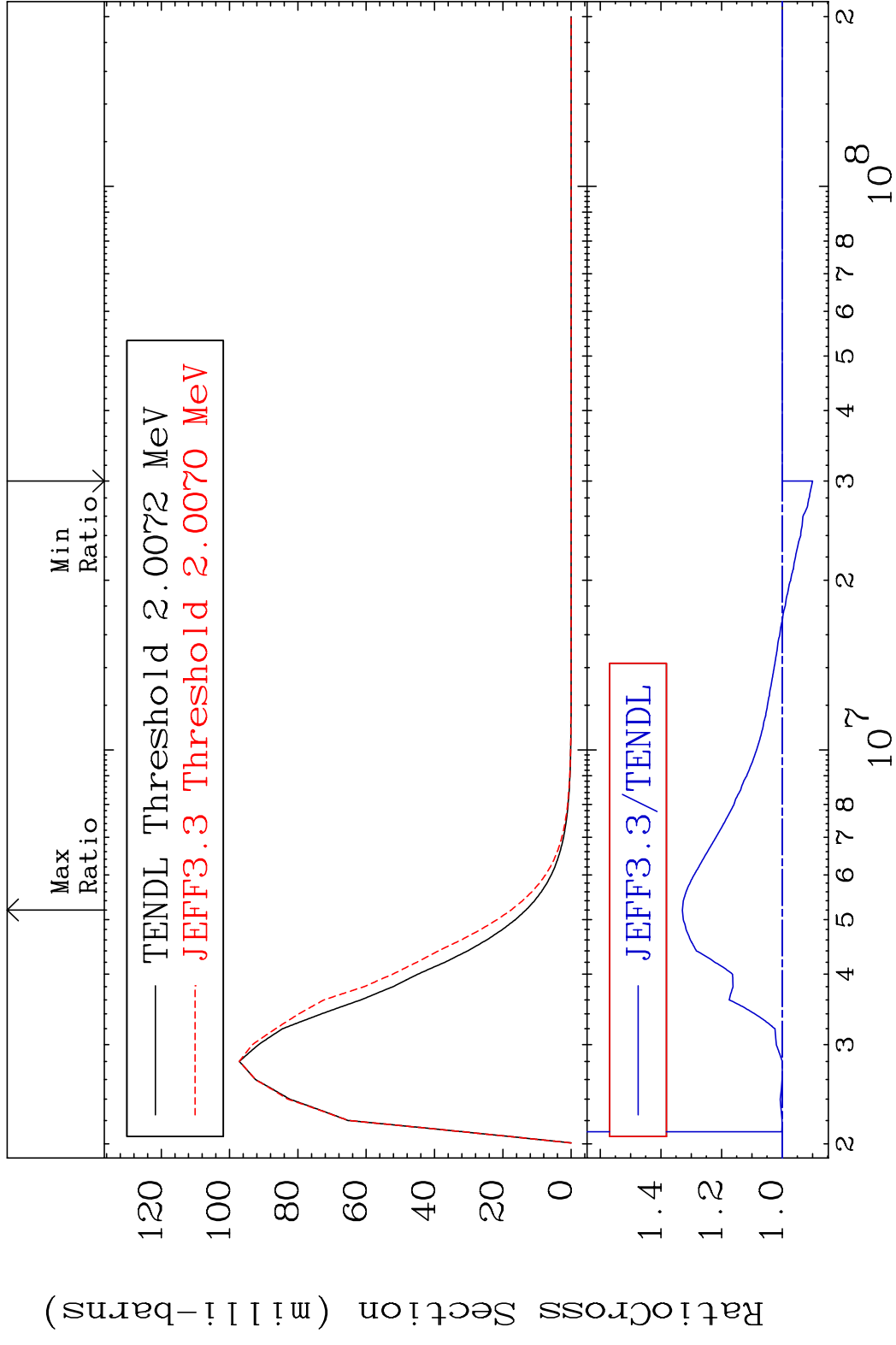


20

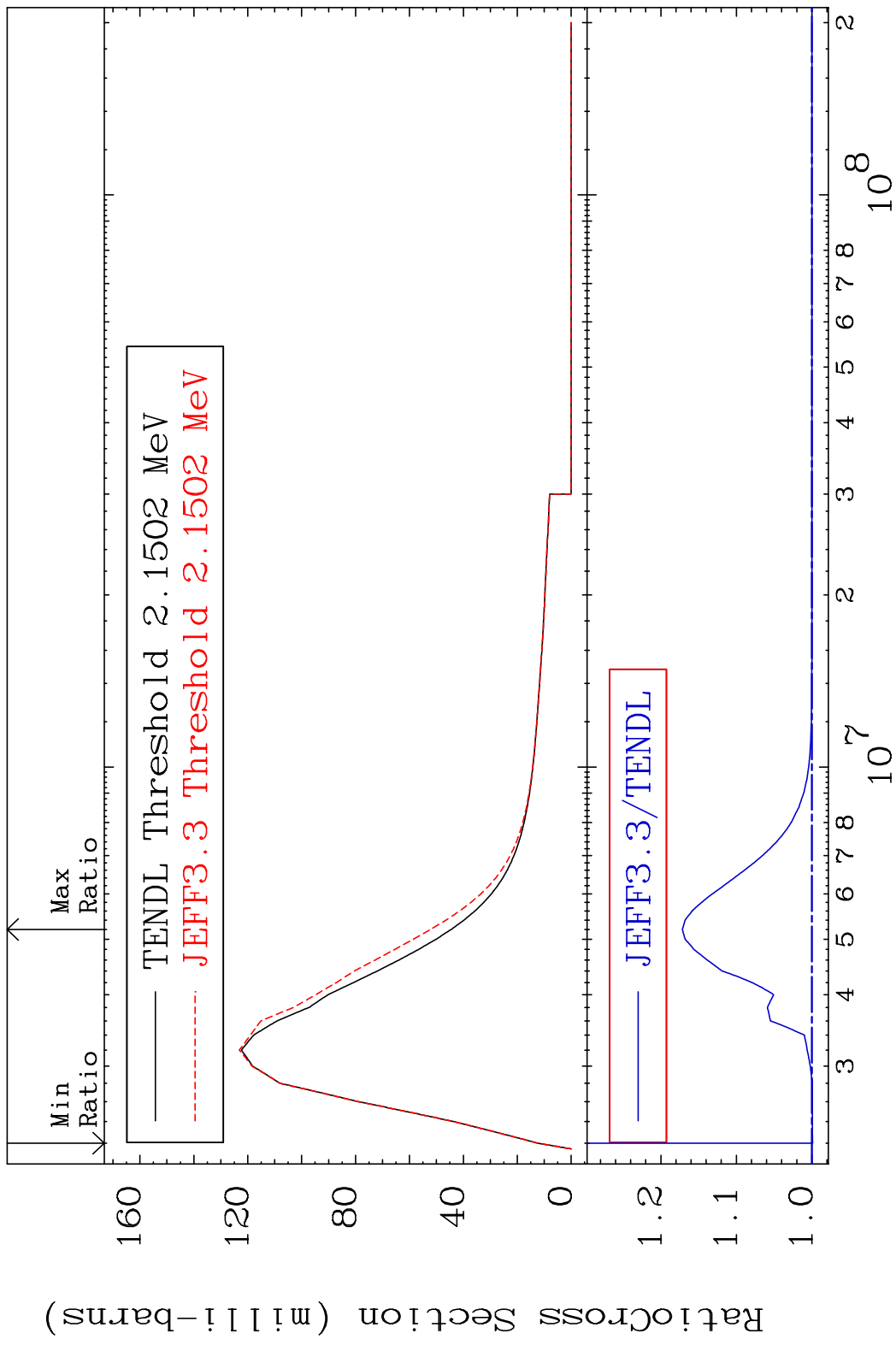
Incident Energy (eV)

²⁶Fe-60

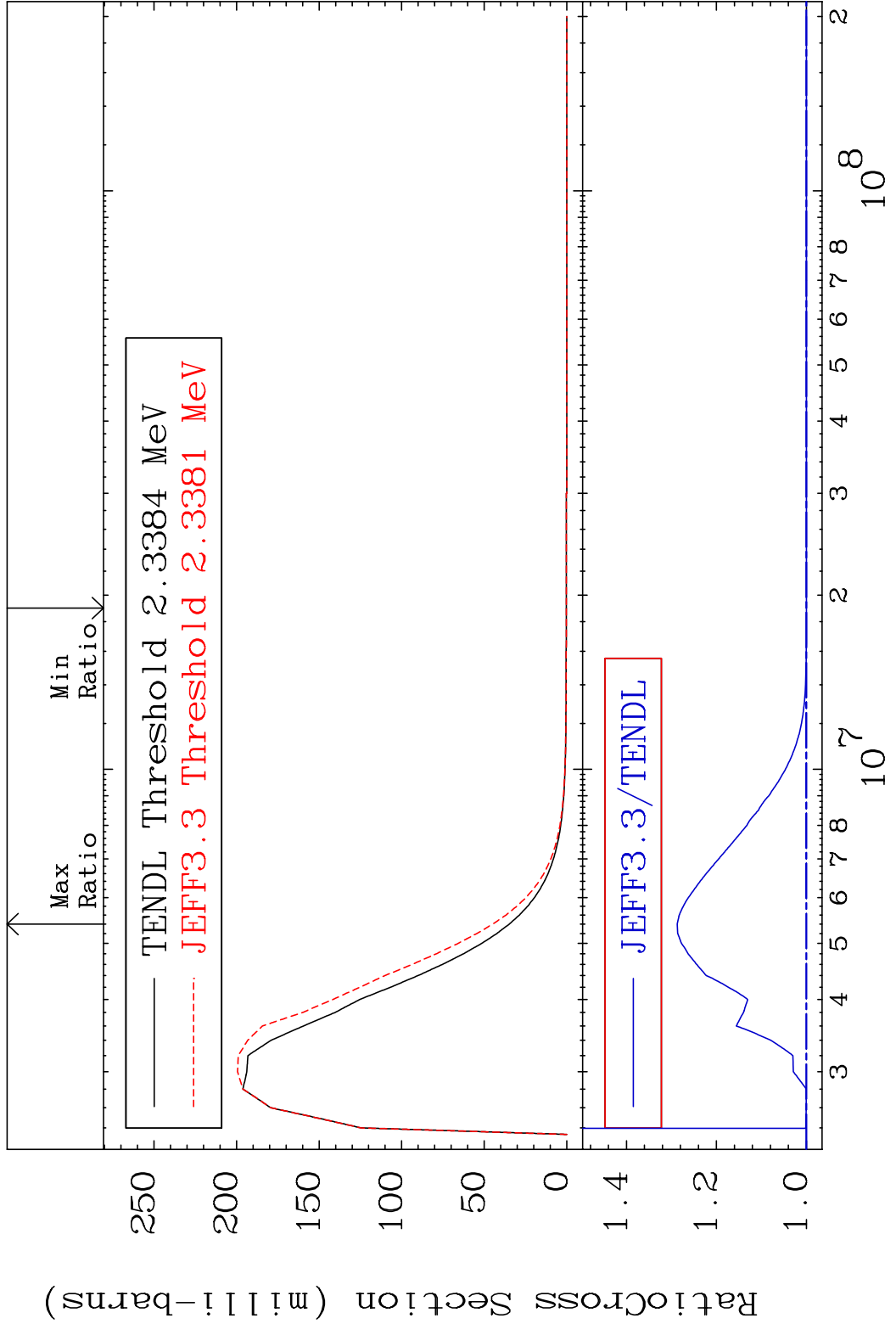
MAT 2643 MT= 52 (n, n') Level 26-Fe-60
 Cross Section -10.00 To 32.93 %



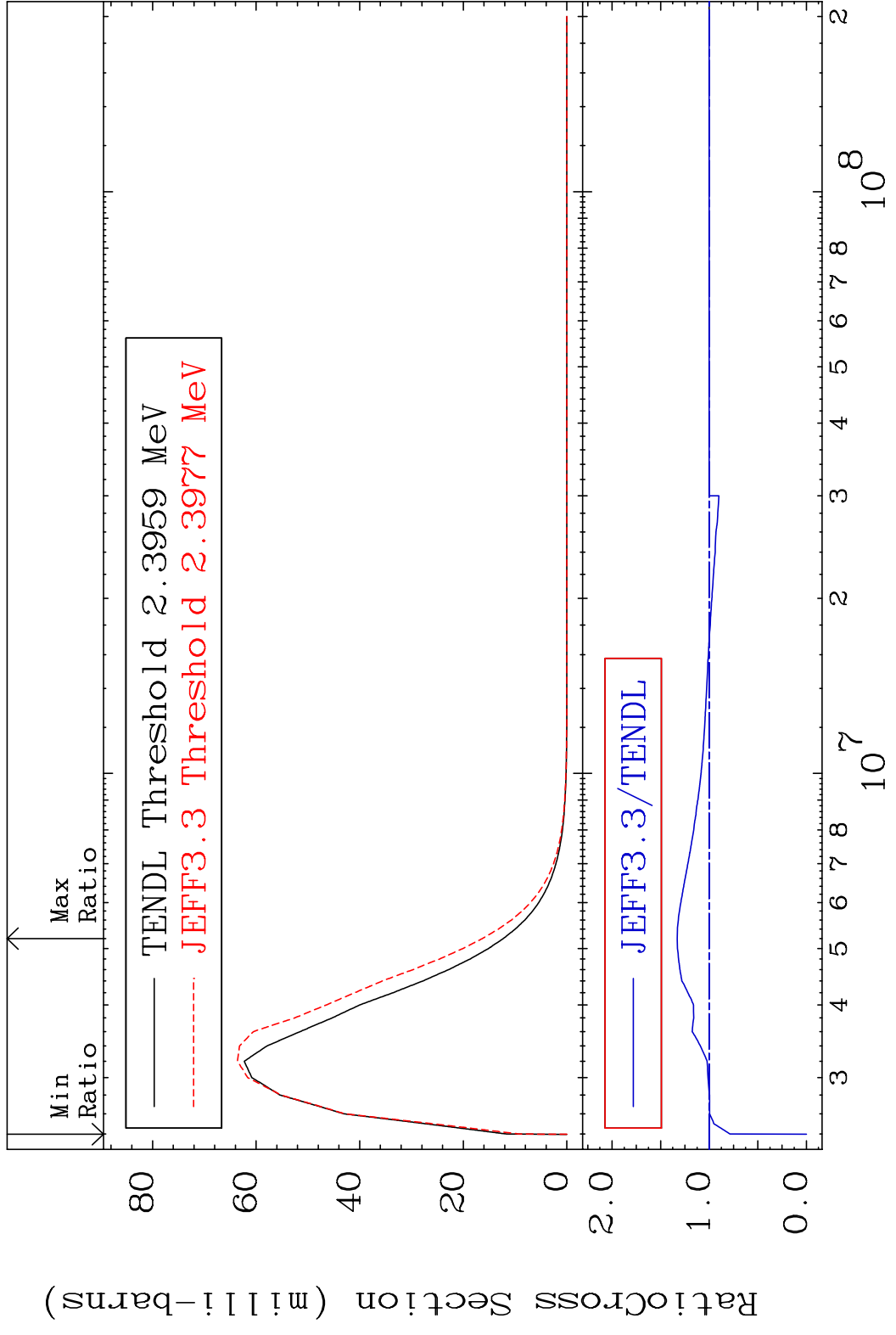
MAT 2643 MT= 53 (n, n') Level 26-Fe-60
 Cross Section -0.093 To 17.15 %



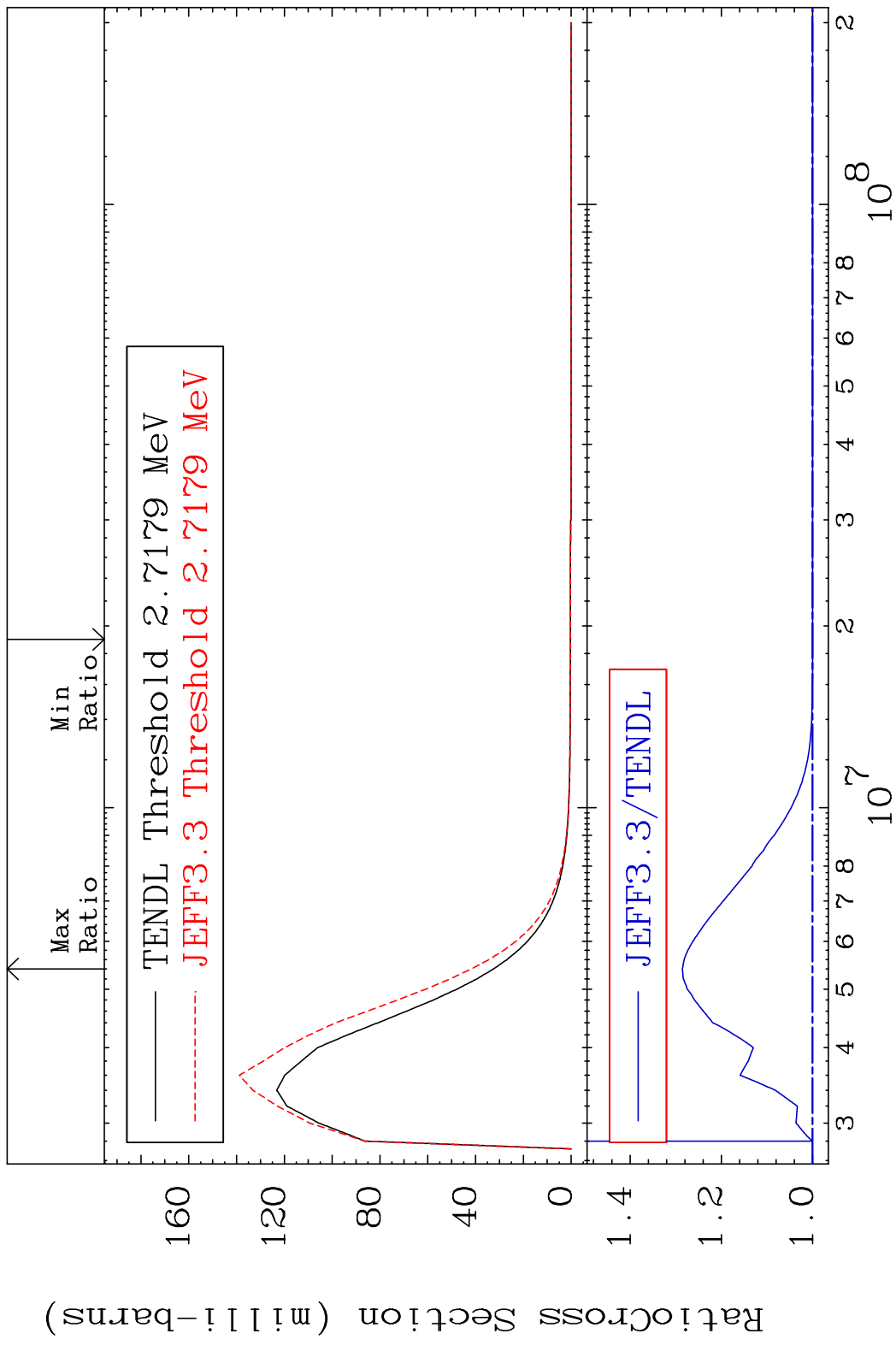
MAT 2643 MT= 54 (n,n') Level 26-Fe-60
 Cross Section -0.004 To 28.73 %



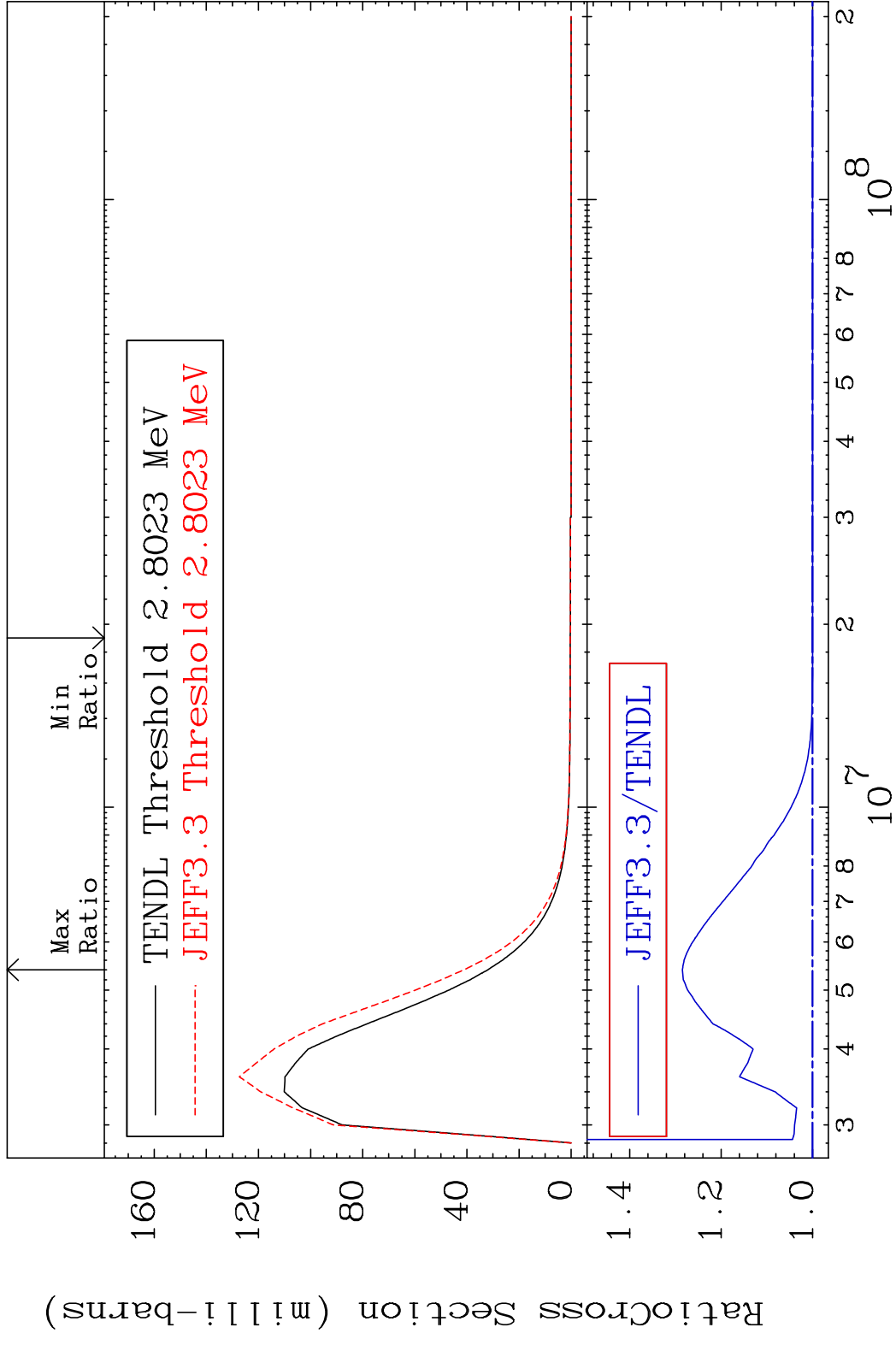
MAT 2643 MT= 55 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 32.97 %



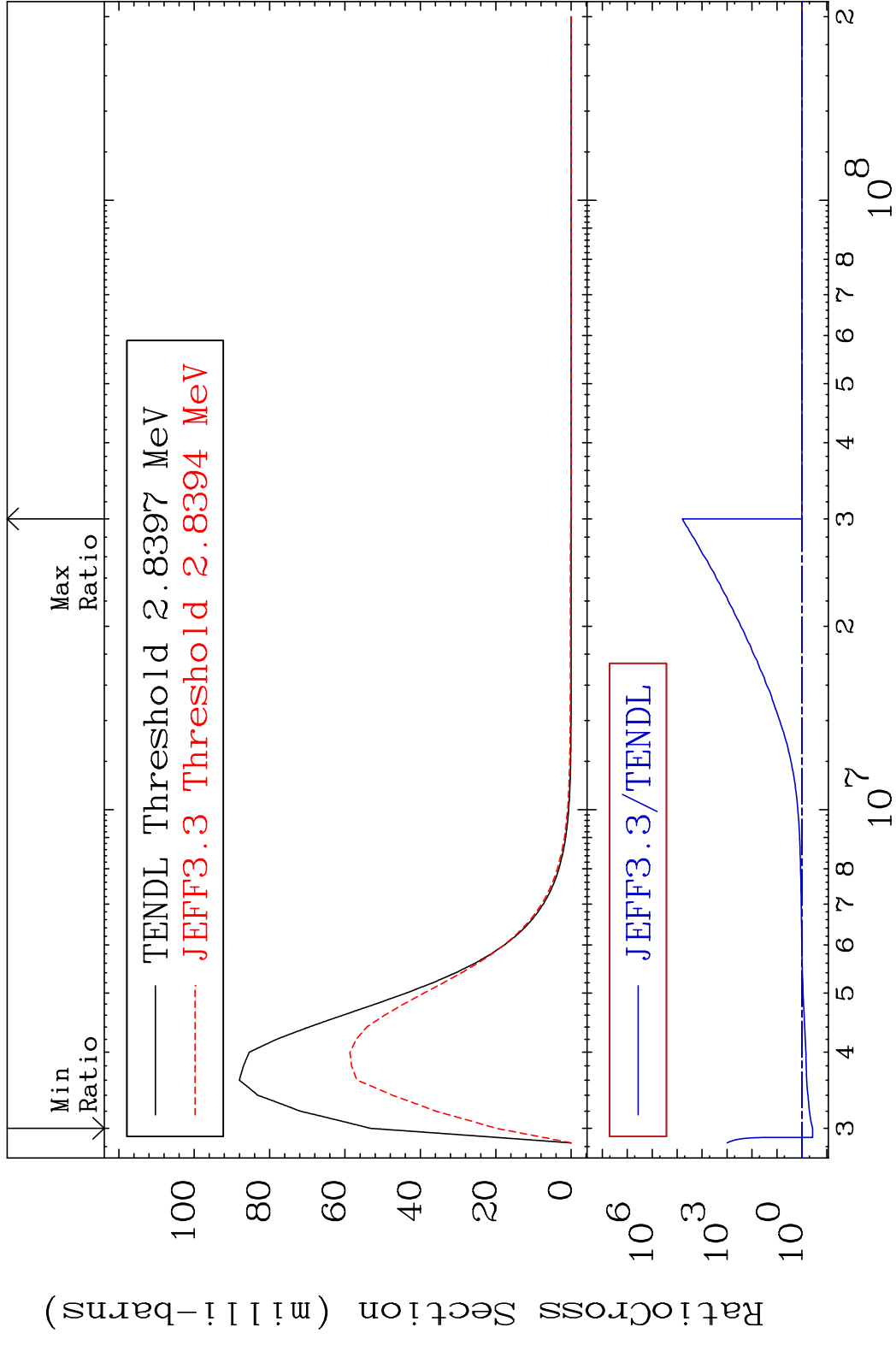
MAT 2643 MT= 56 (n,n') Level 26-Fe-60
 Cross Section -0.004 To 28.54 %



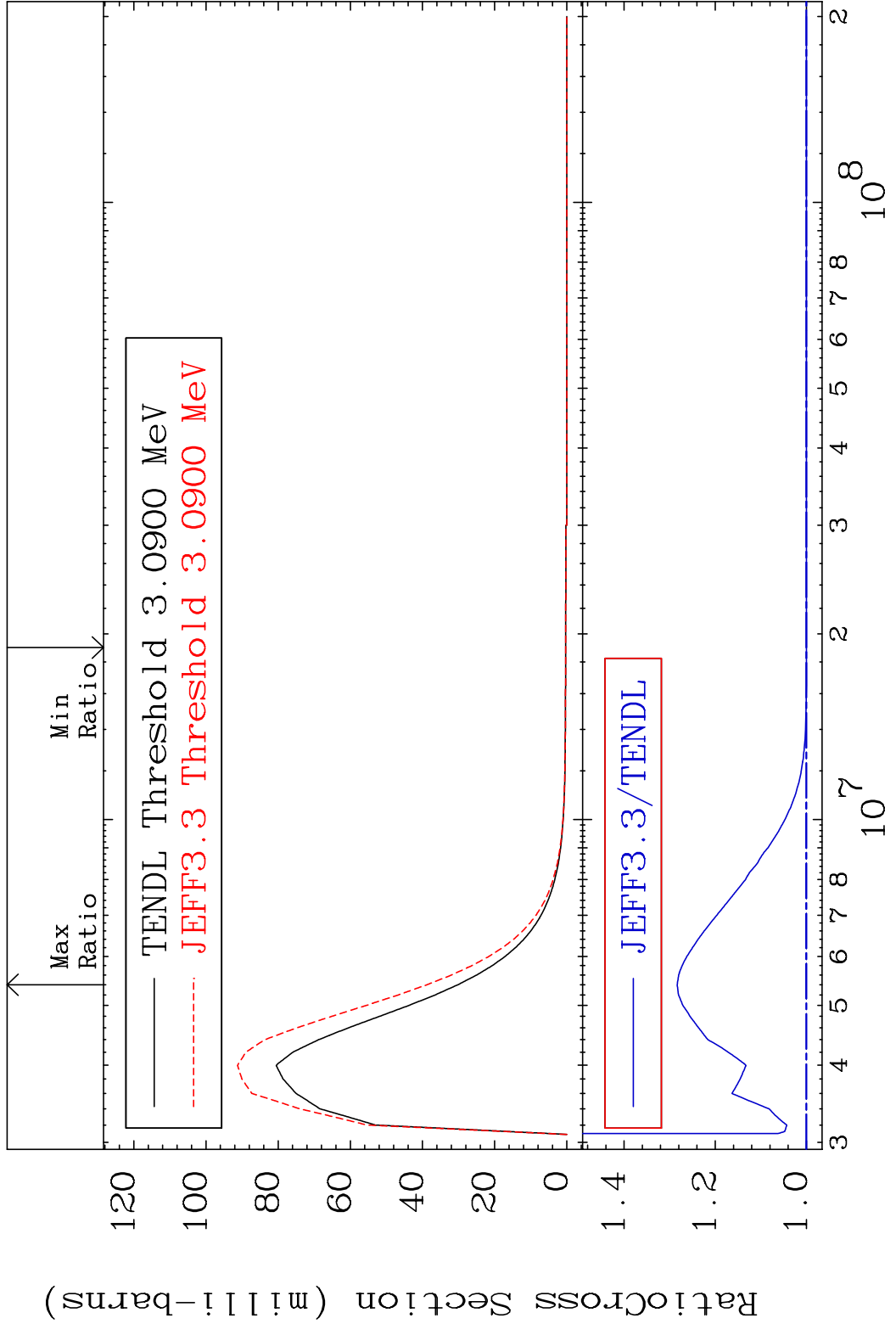
MAT 2643 MT= 57 (n,n') Level 26-Fe-60
 Cross Section -0.005 To 28.49 %



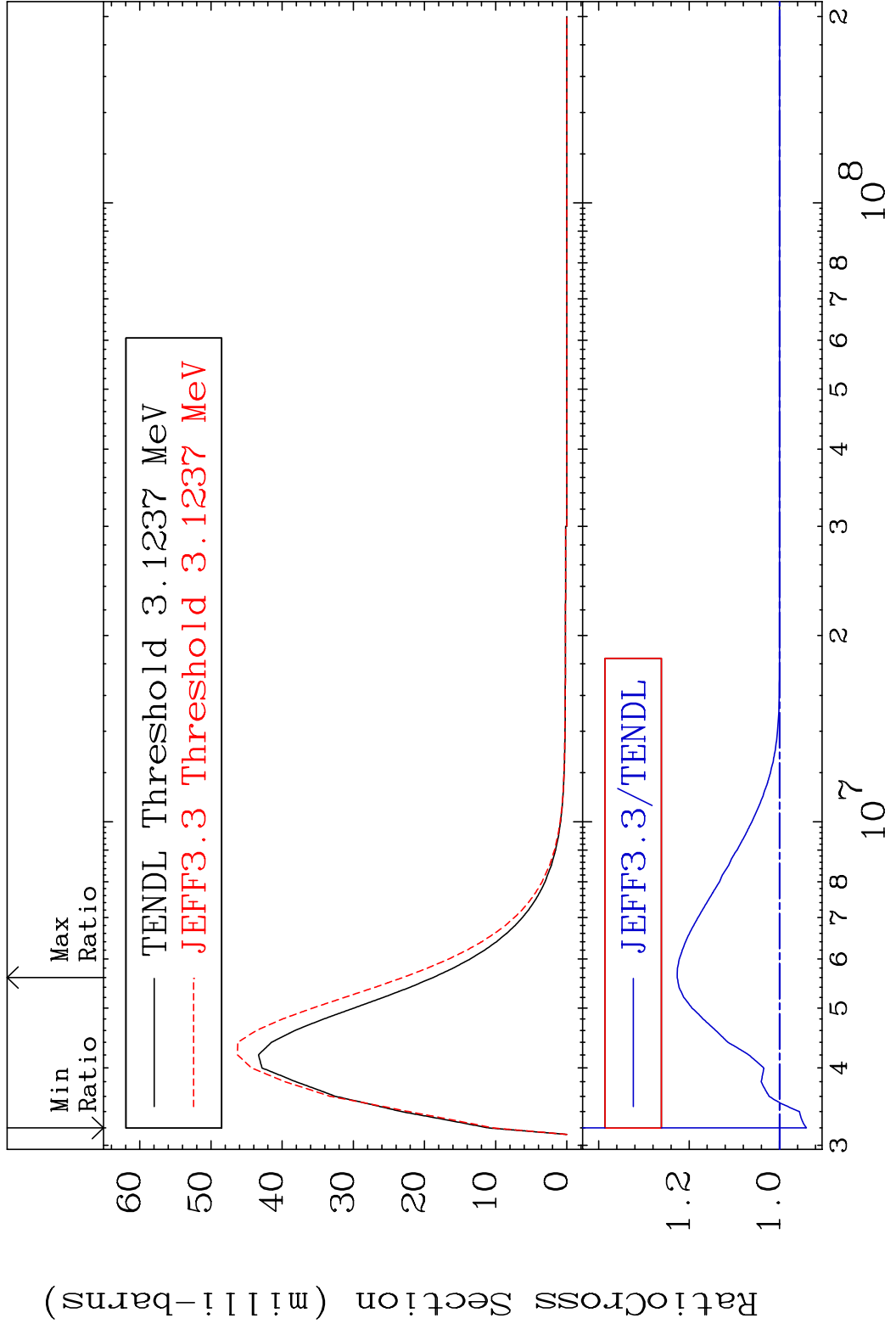
MAT 2643 MT= 58 (n, n') Level 26-Fe-60
 Cross Section -62.70 To 9999. %



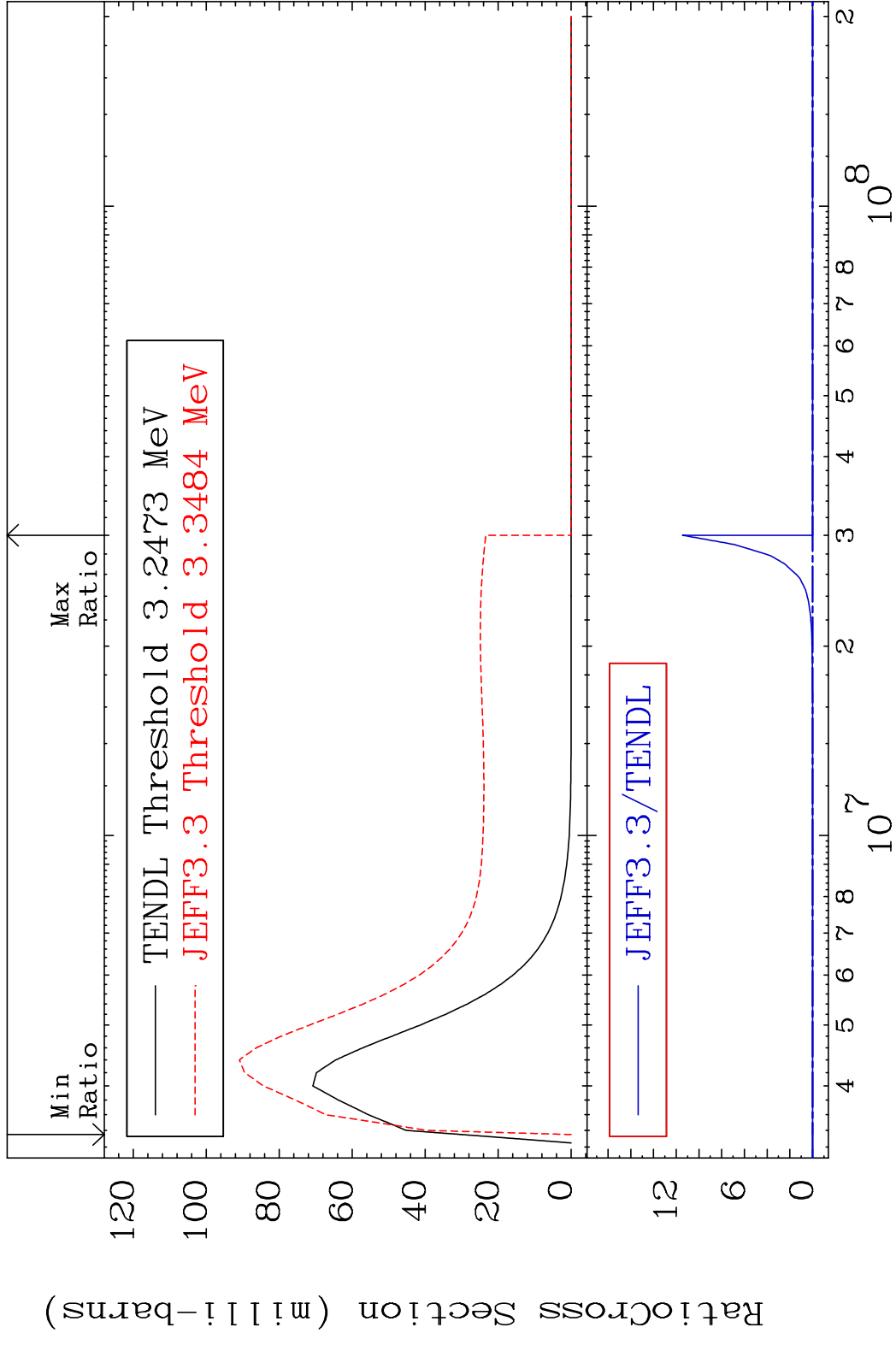
MAT 2643 MT= 59 (n,n') Level 26-Fe-60
 Cross Section -0.004 To 28.35 %



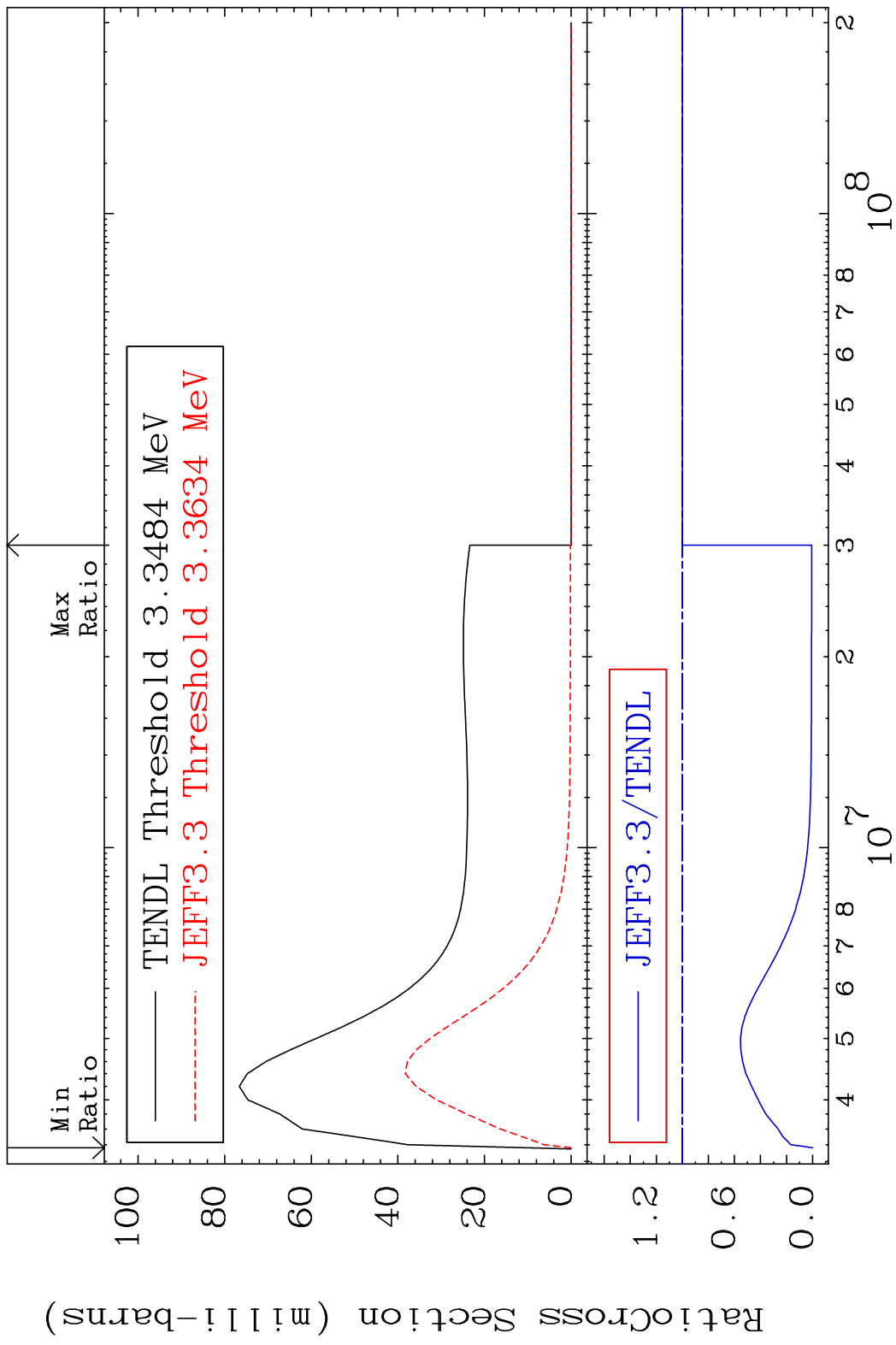
MAT 2643 MT= 60 (n, n') Level 26-Fe-60
 Cross Section -5.966 To 22.64 %



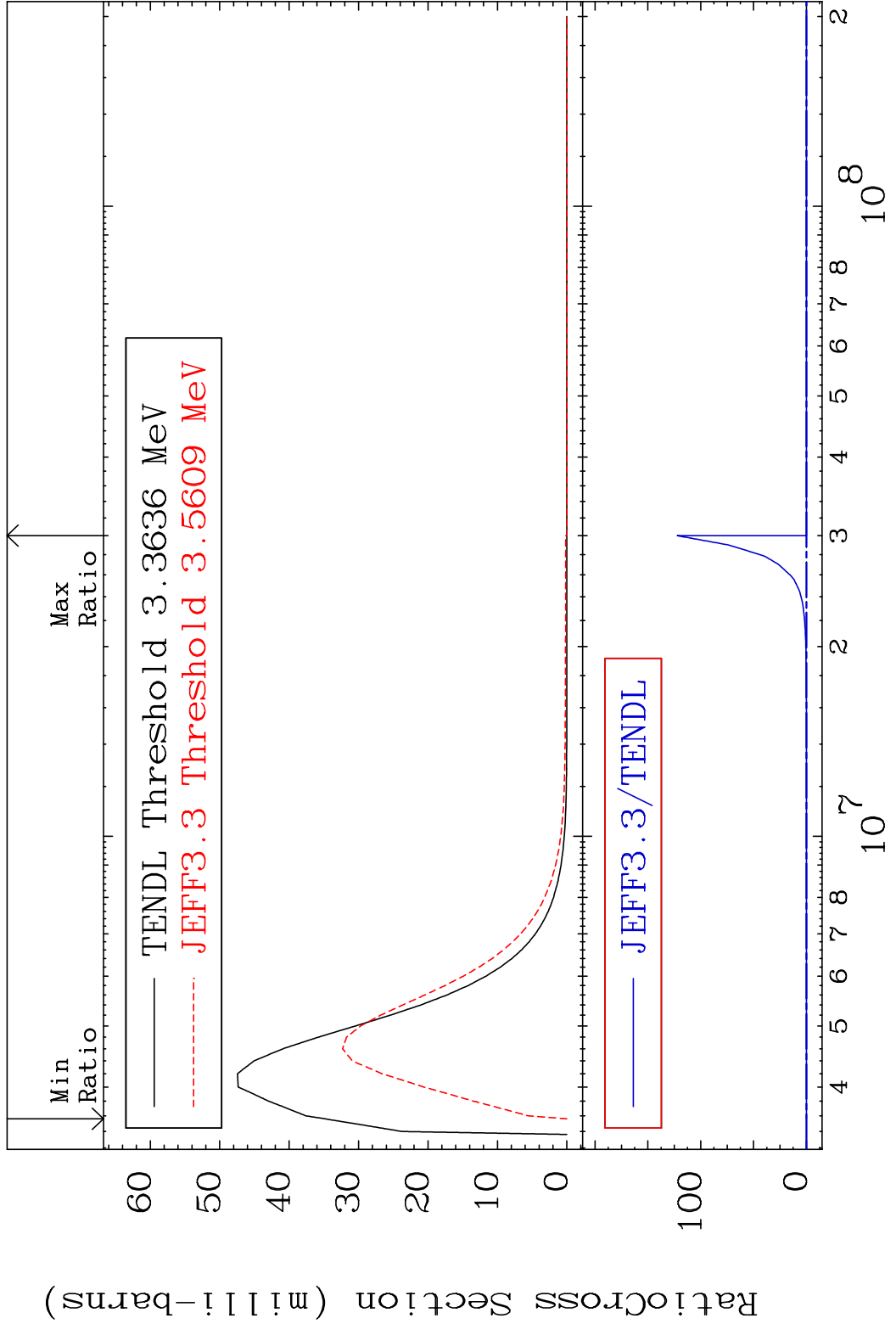
MAT 2643 MT= 61 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



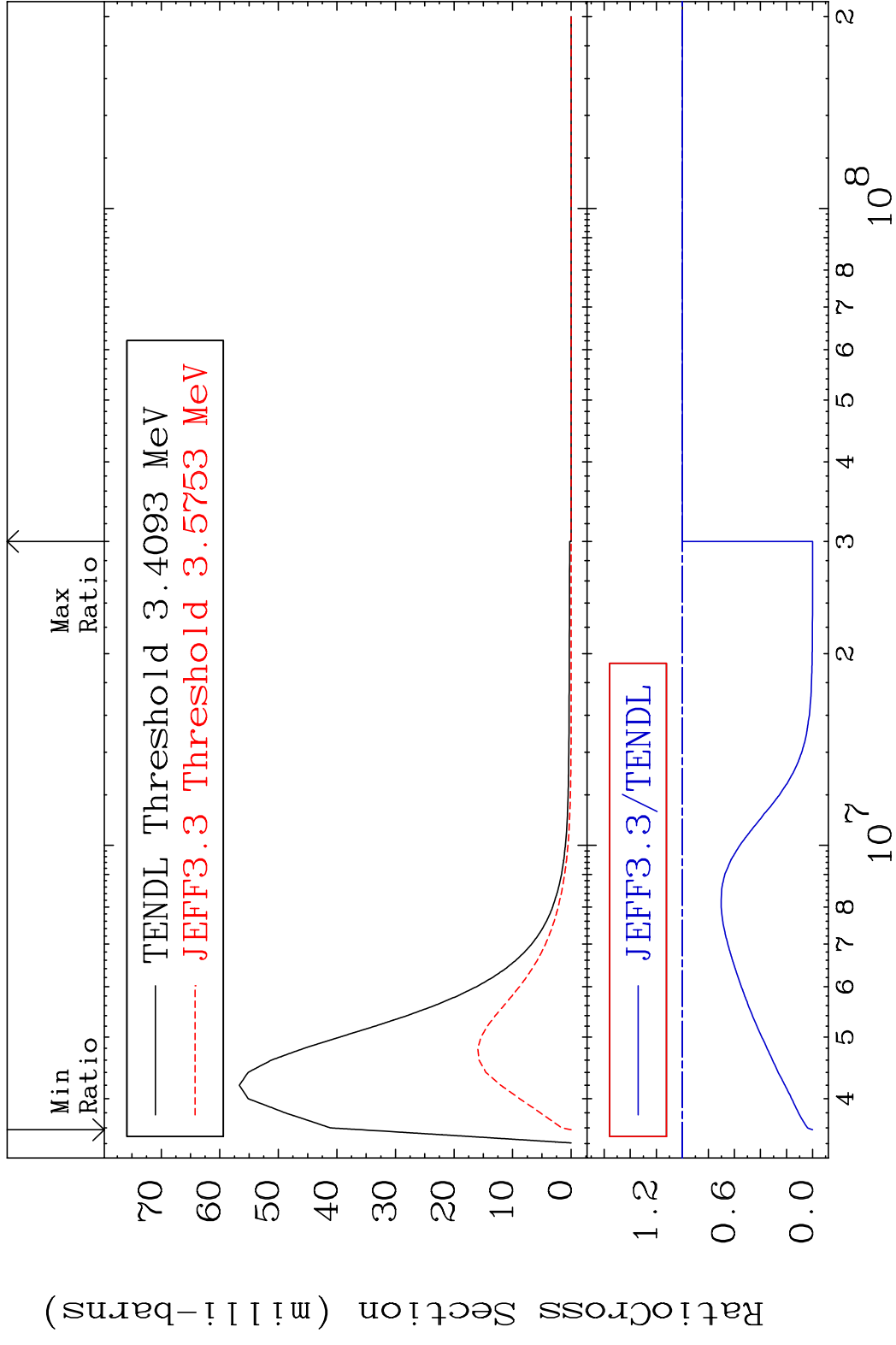
MAT 2643 MT= 62 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 0.000 %



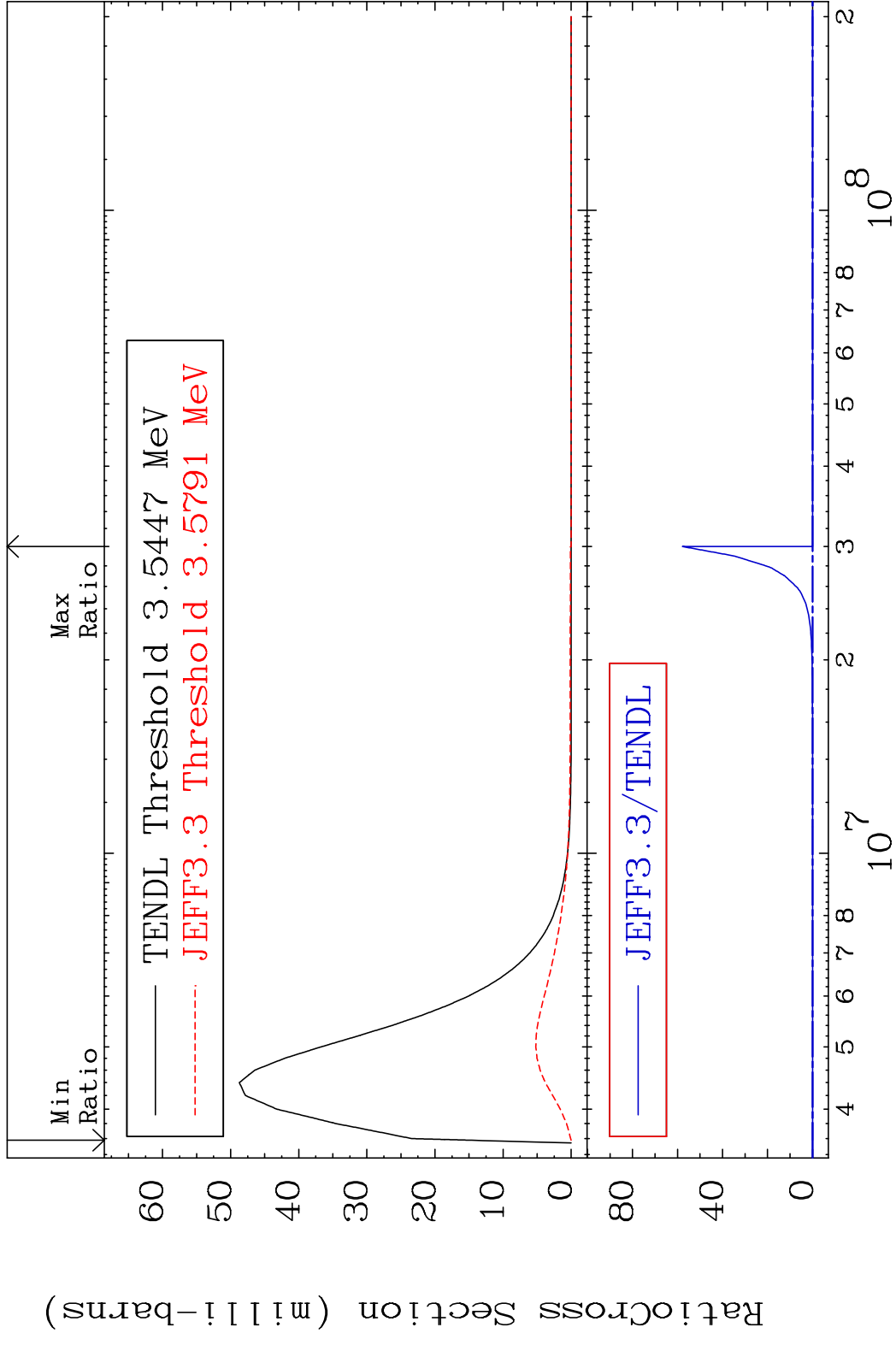
MAT 2643 MT= 63 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



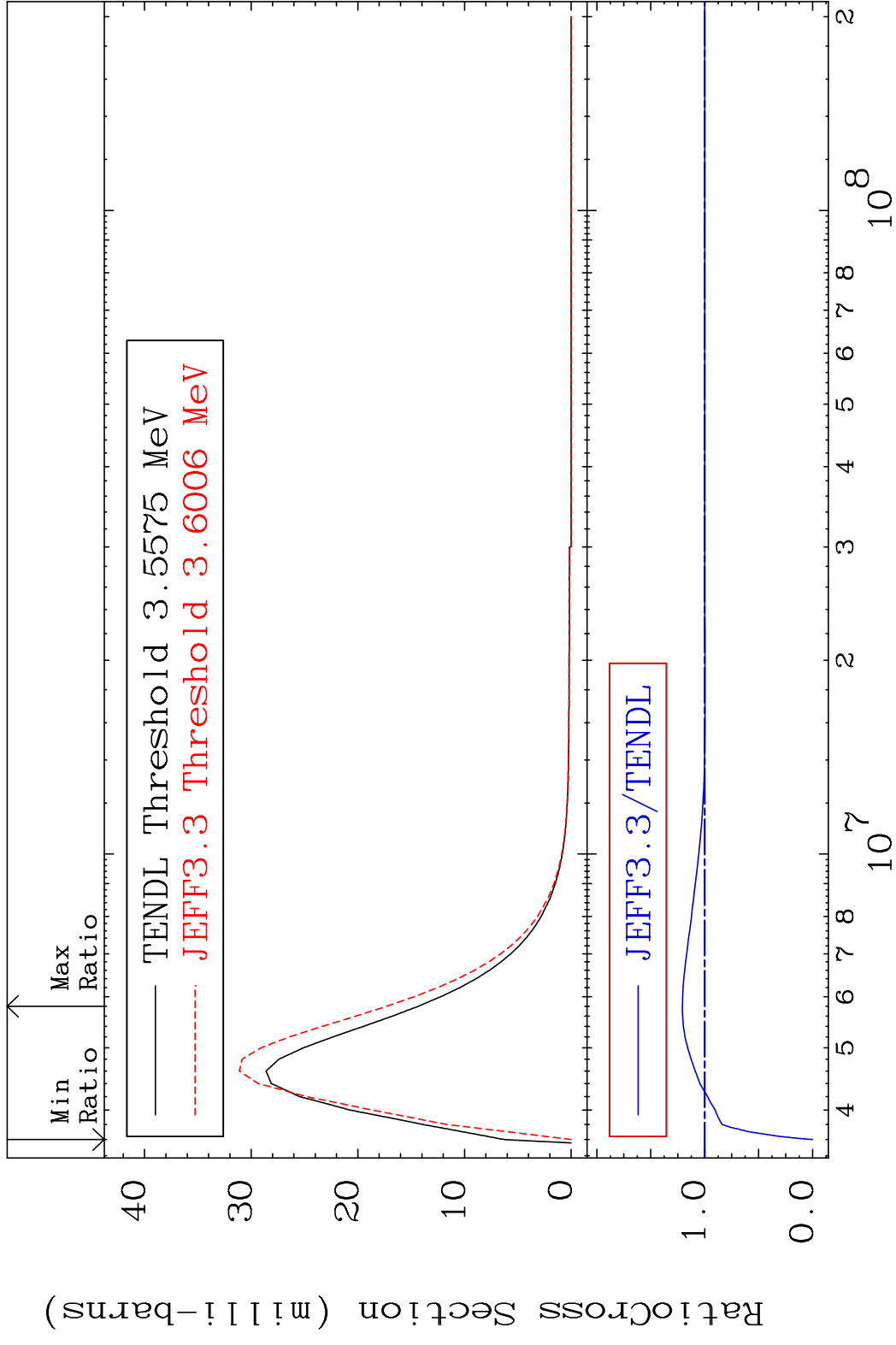
MAT 2643 MT= 64 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 0.000 %



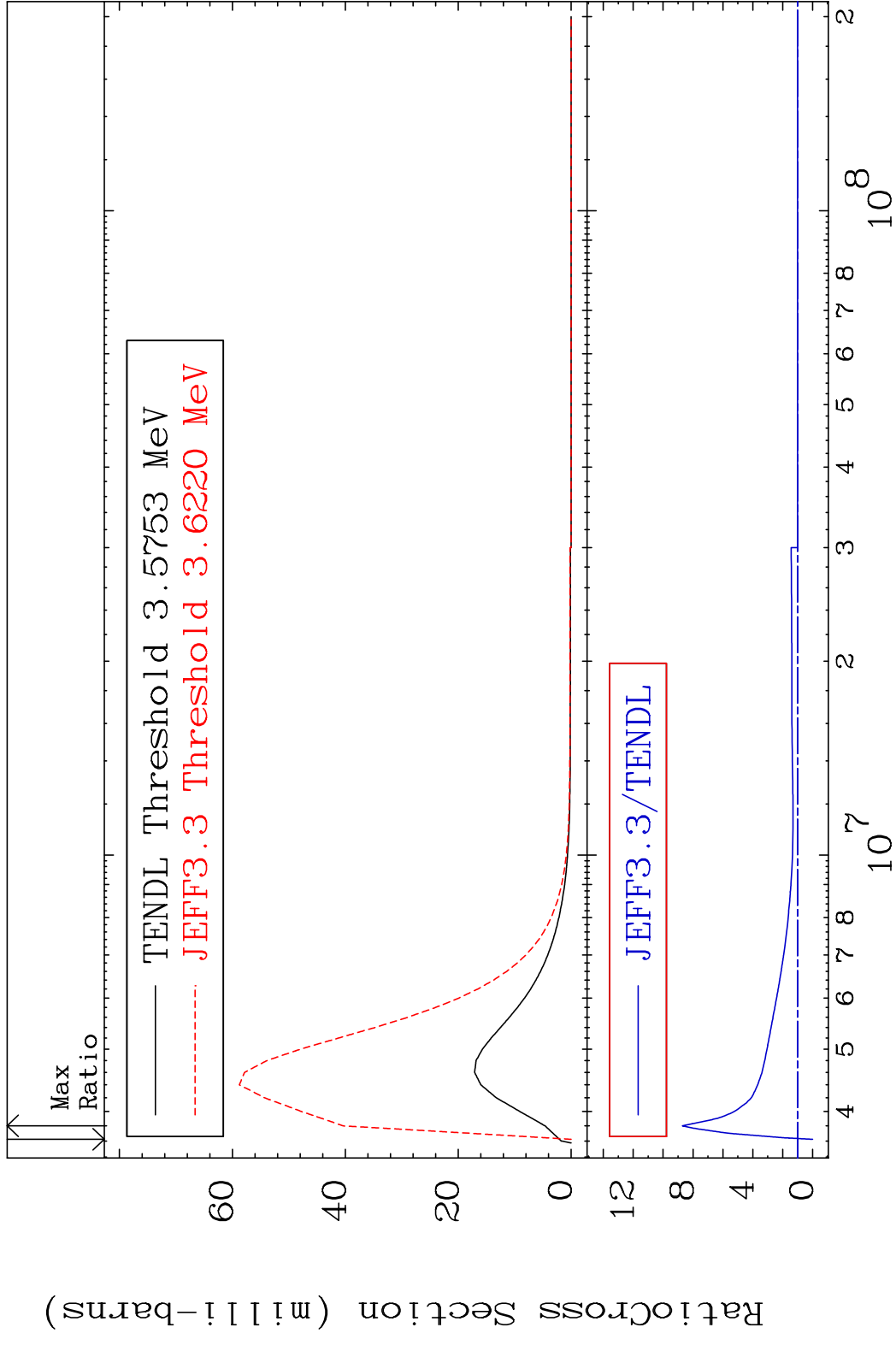
MAT 2643 MT= 65 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



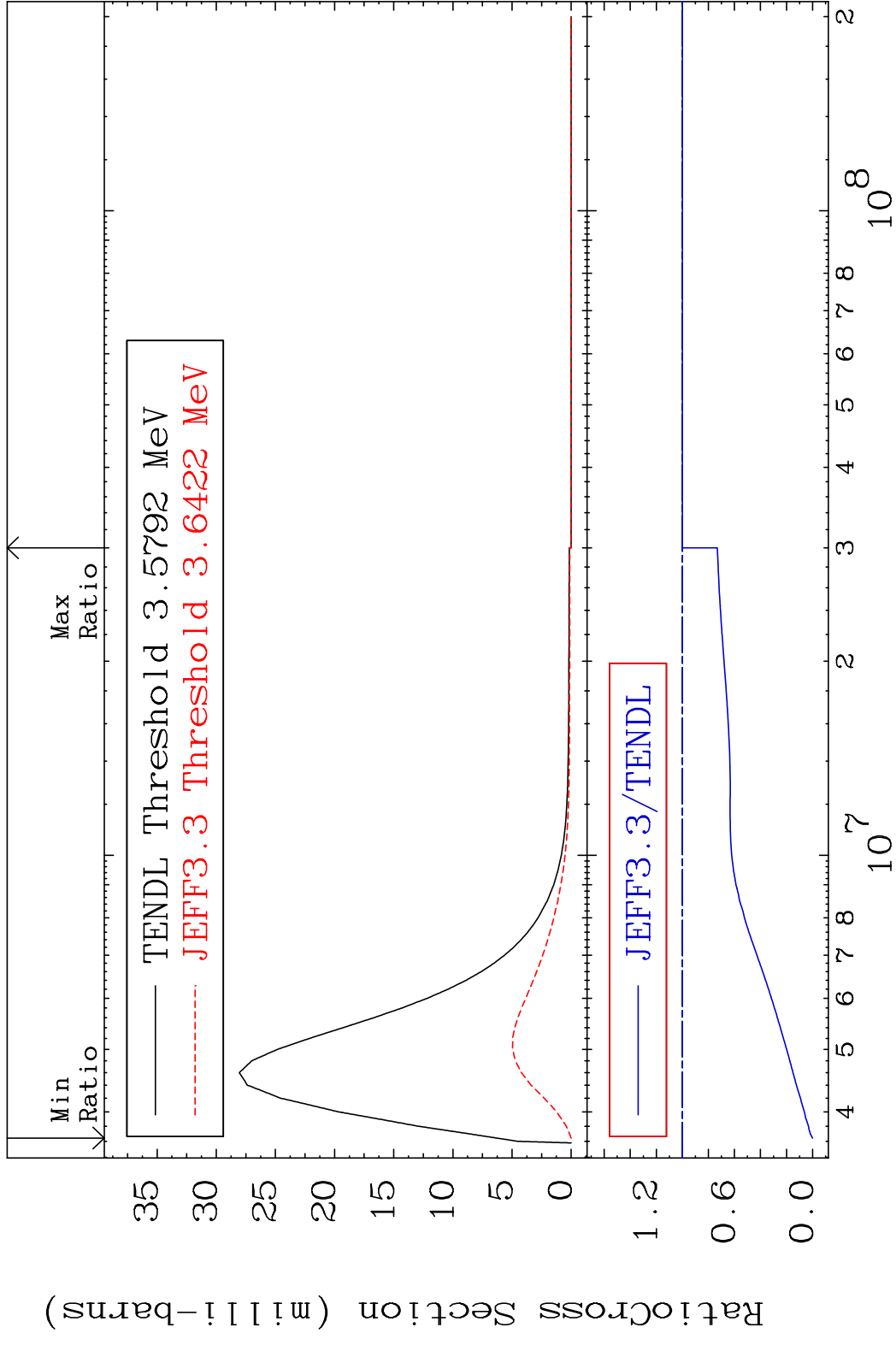
MAT 2643 MT= 66 (n,n') Level 26-Fe-60
 Cross Section -100.0 To 20.71 %



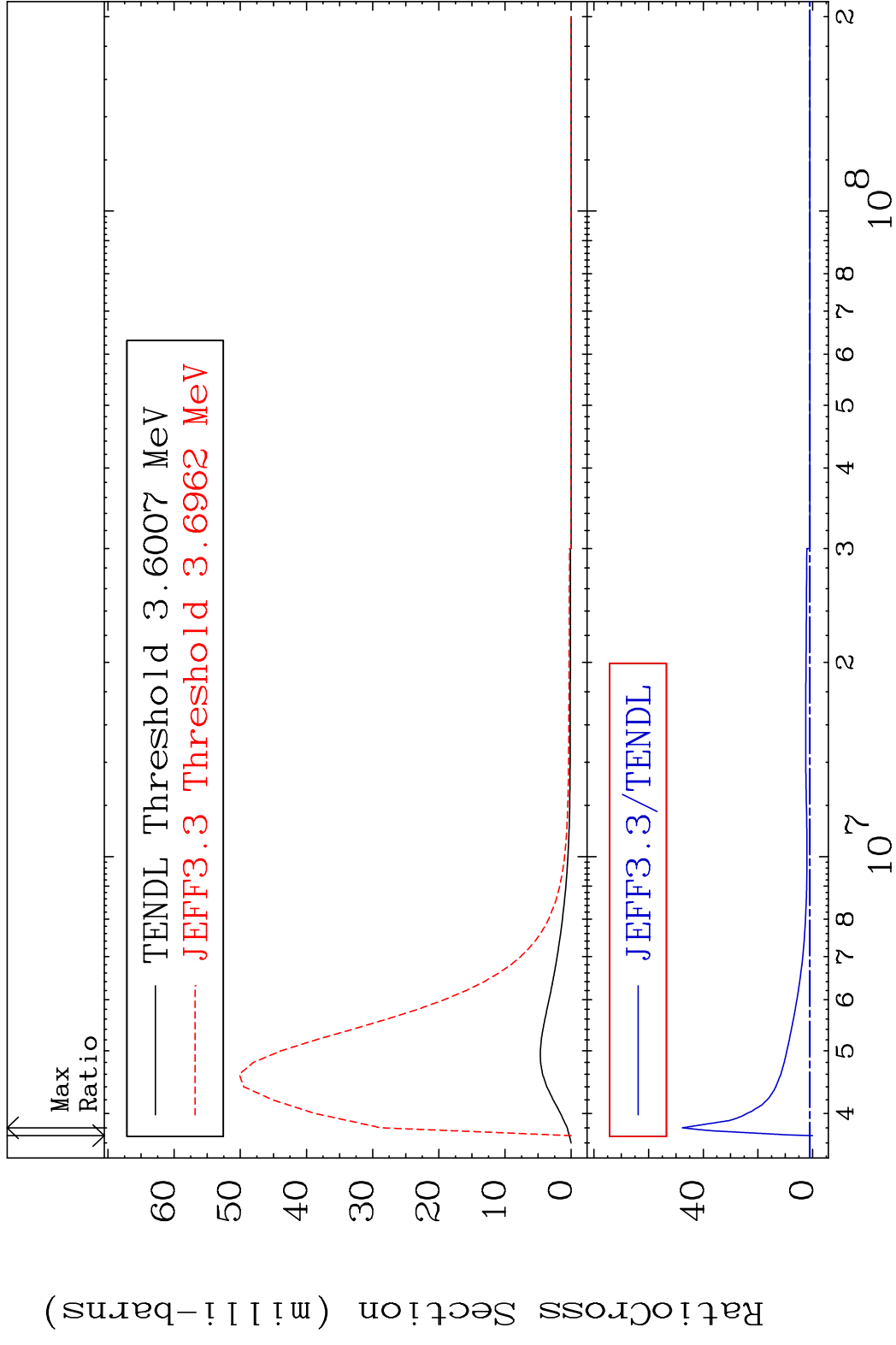
MAT 2643 MT= 67 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 771.3 %



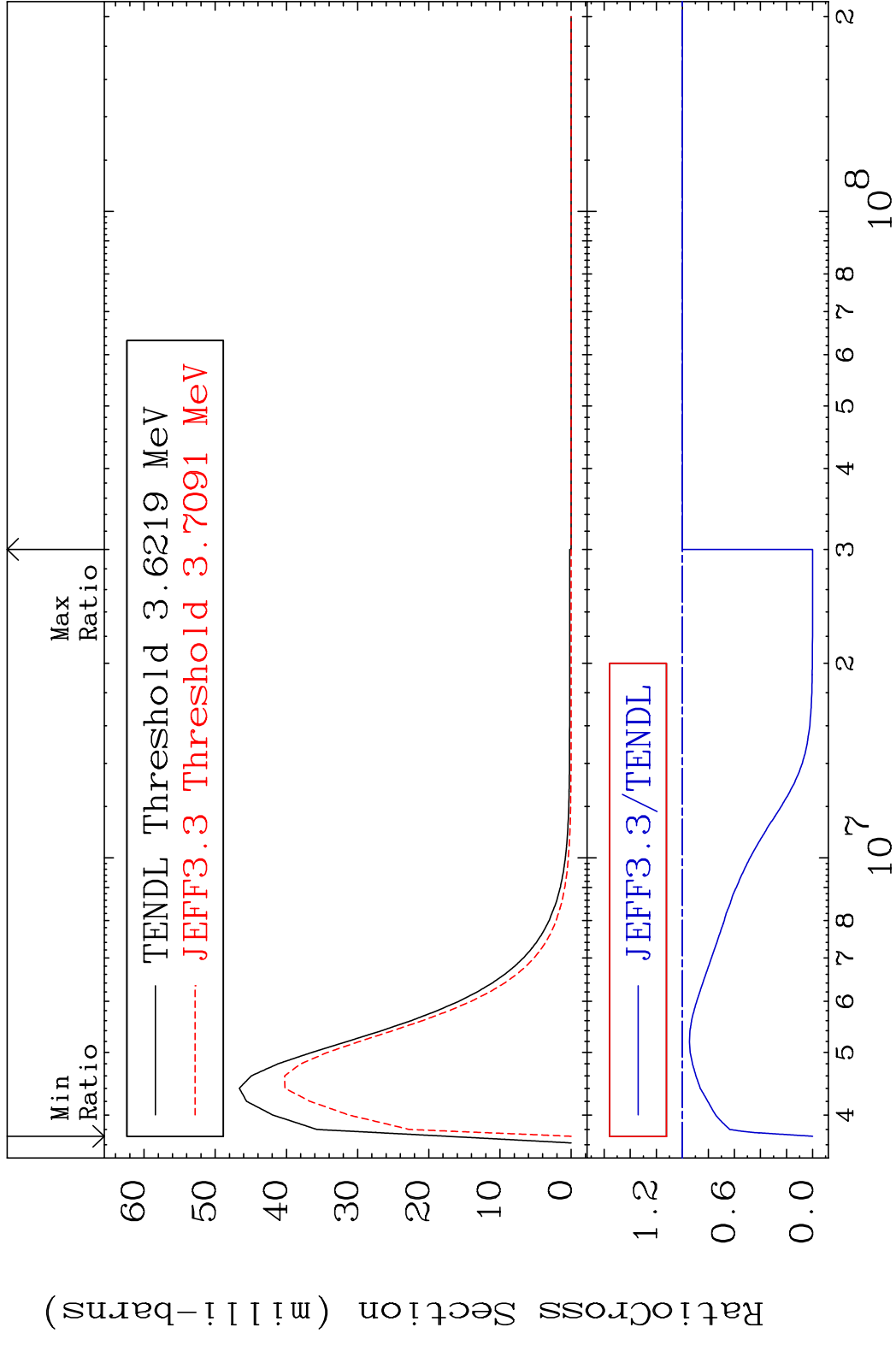
MAT 2643 MT= 68 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 0.000 %



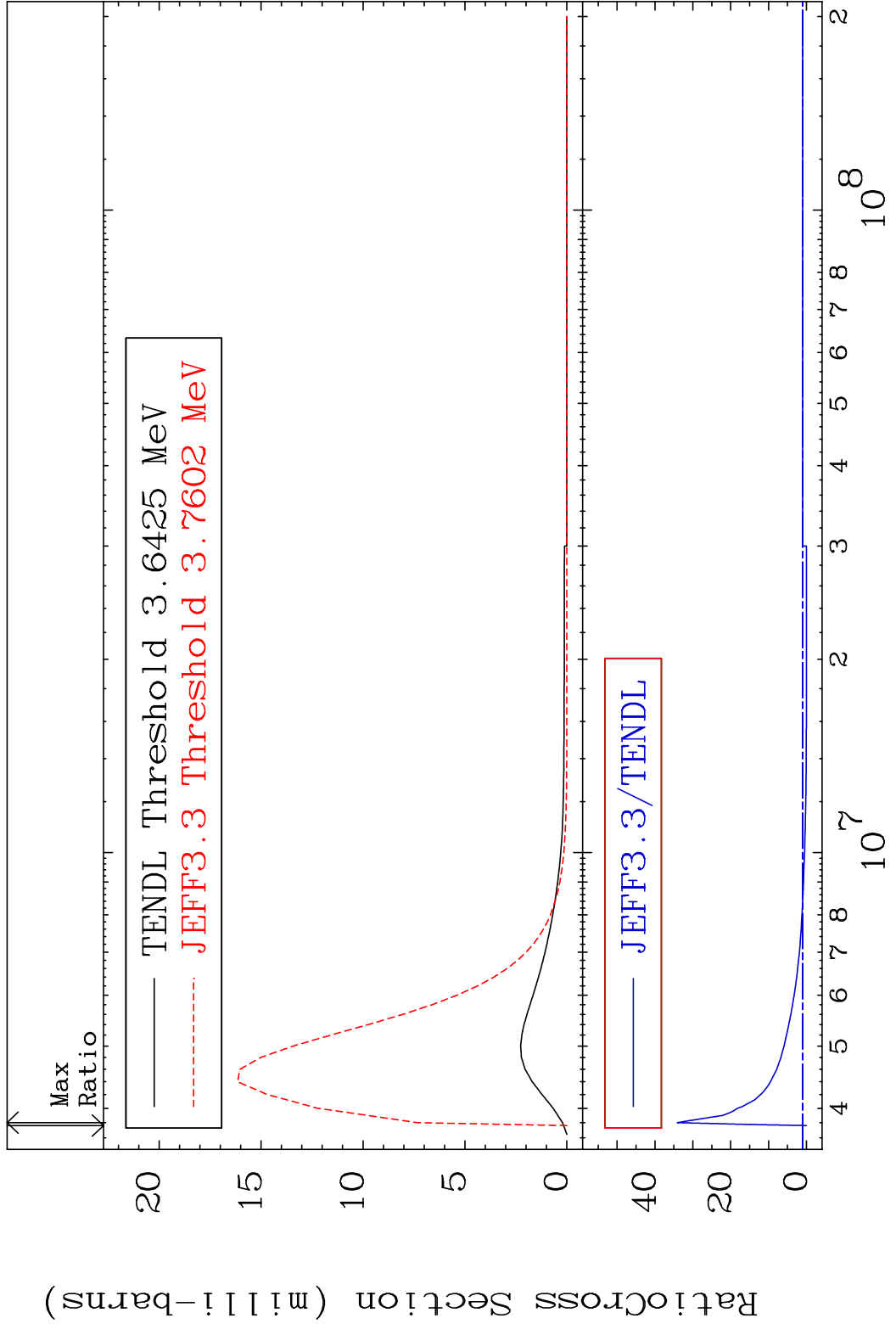
MAT 2643 MT= 69 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 4666. %



MAT 2643 MT= 70 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 0.000 %

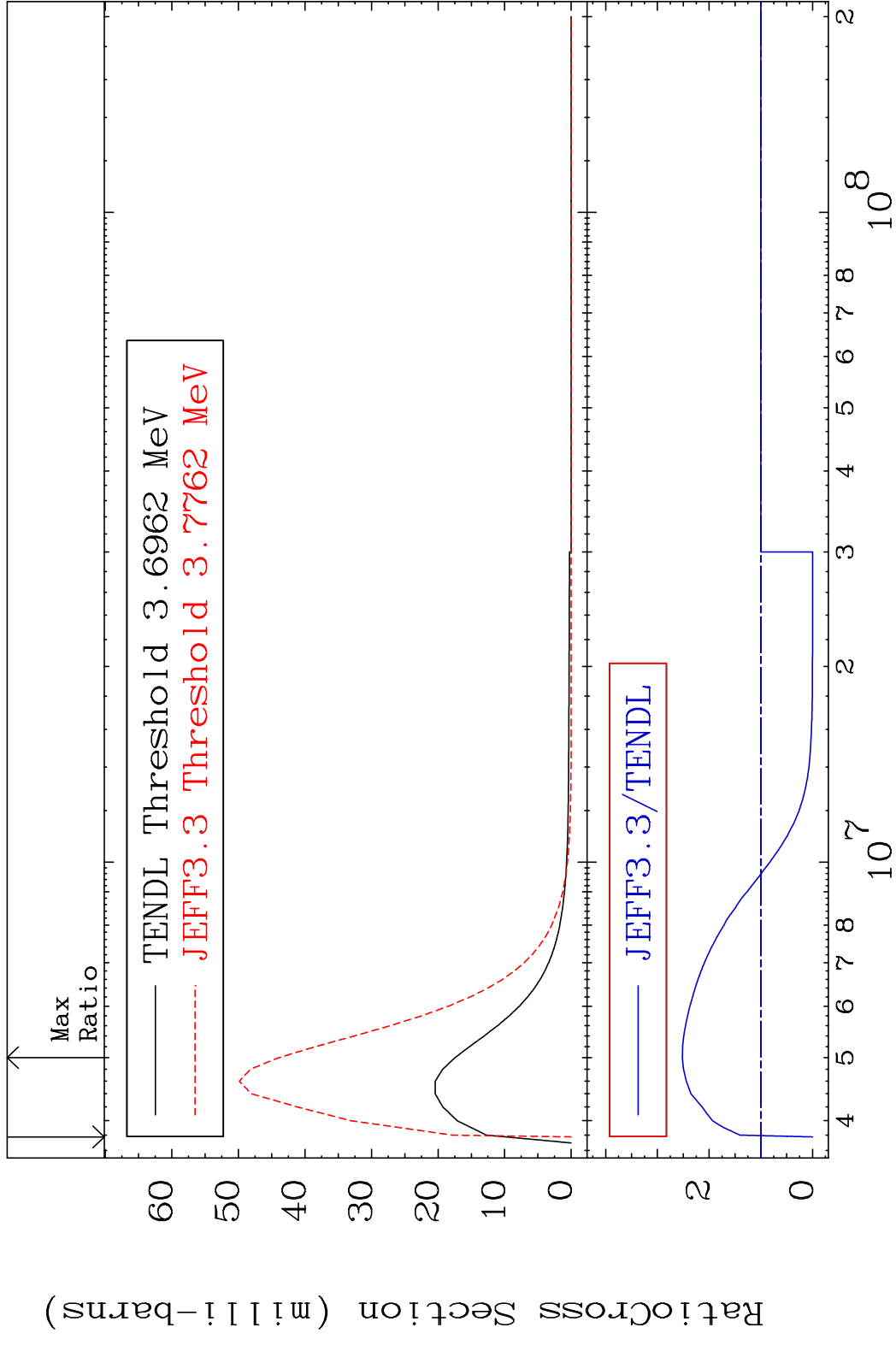


MAT 2643 MT= 71 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 3313. %

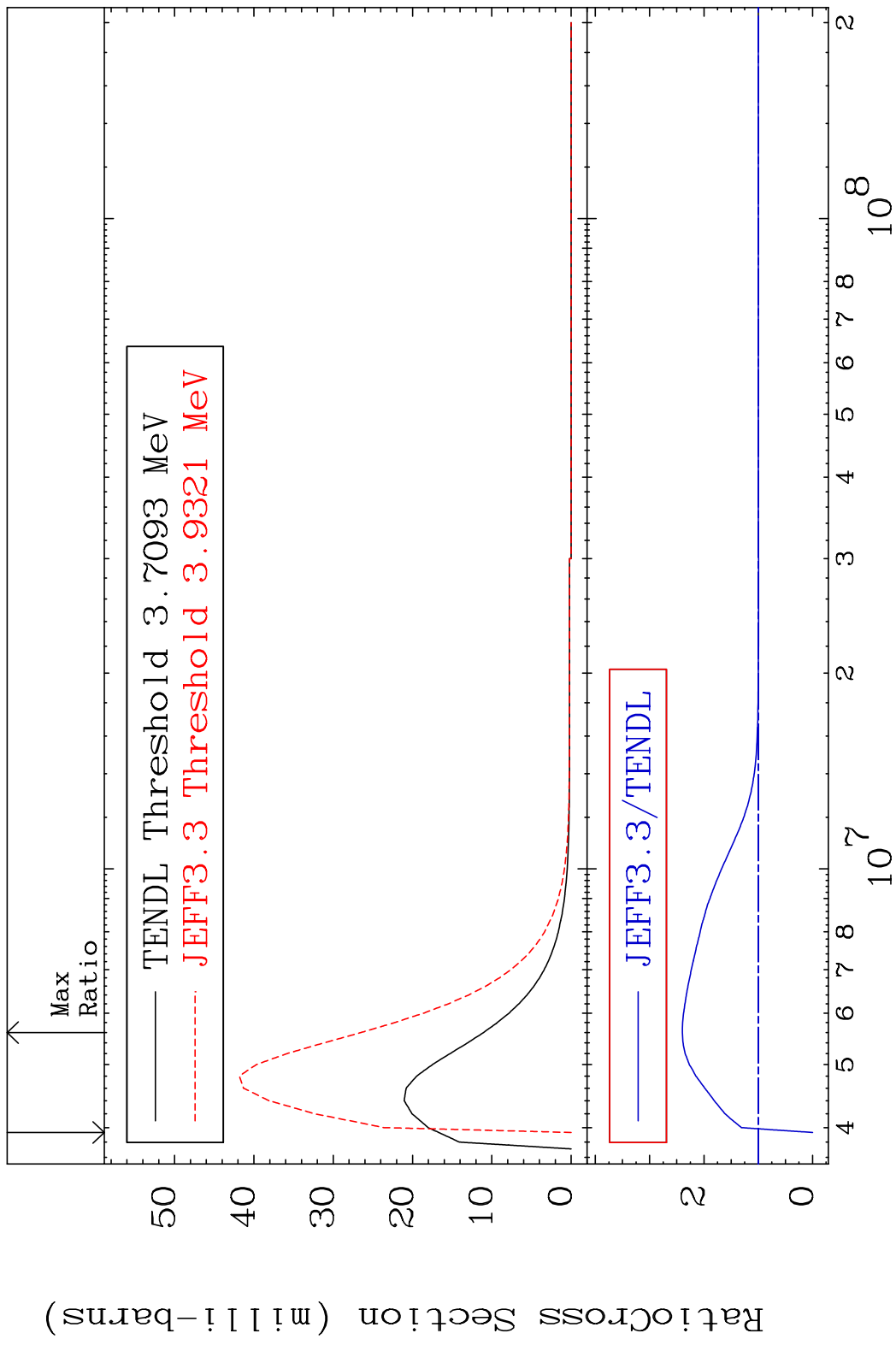


40 Incident Energy (eV) 26-Fe-60

MAT 2643 MT= 72 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 151.7 %

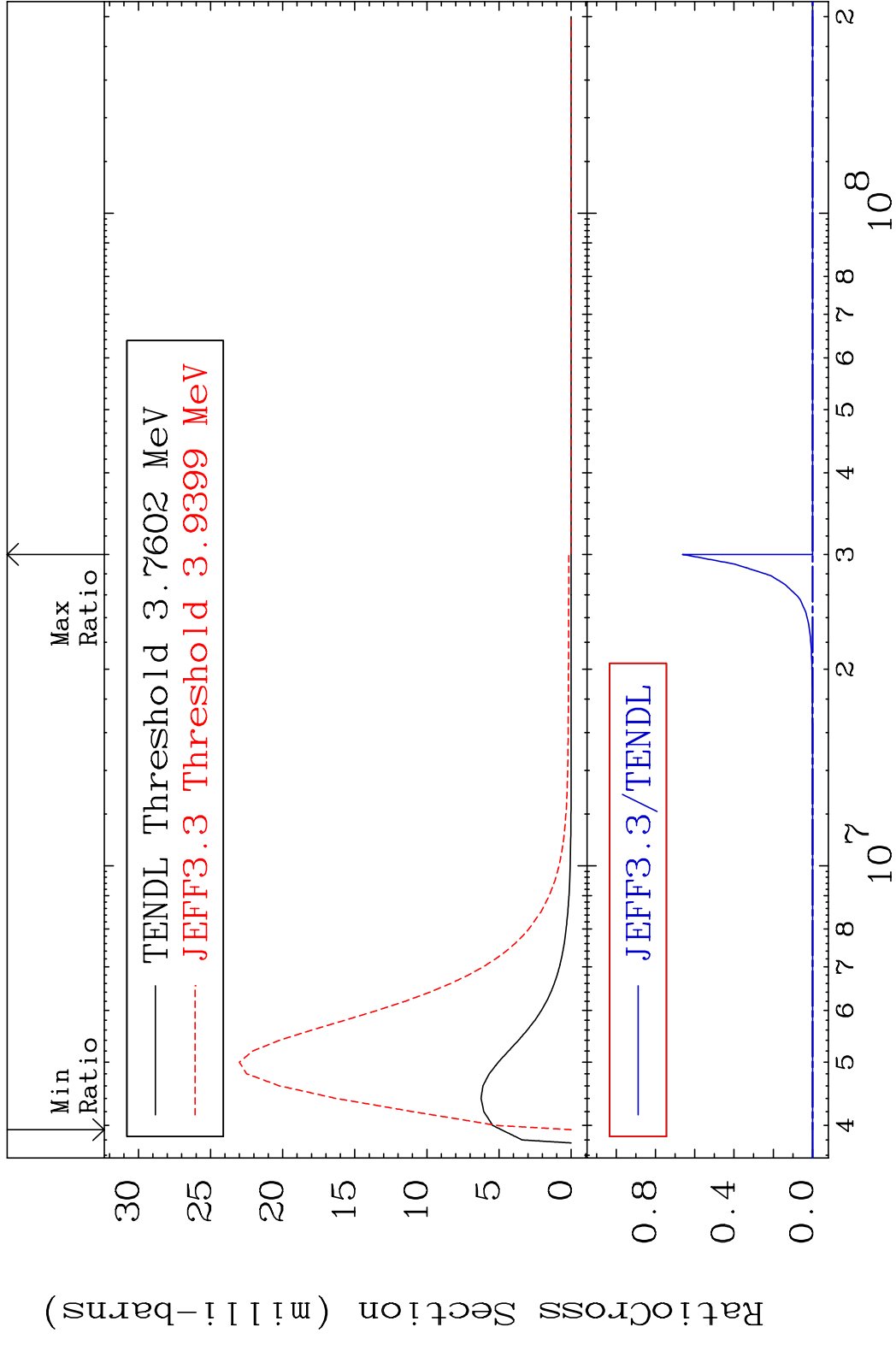


MAT 2643 MT= 73 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 139.8 %

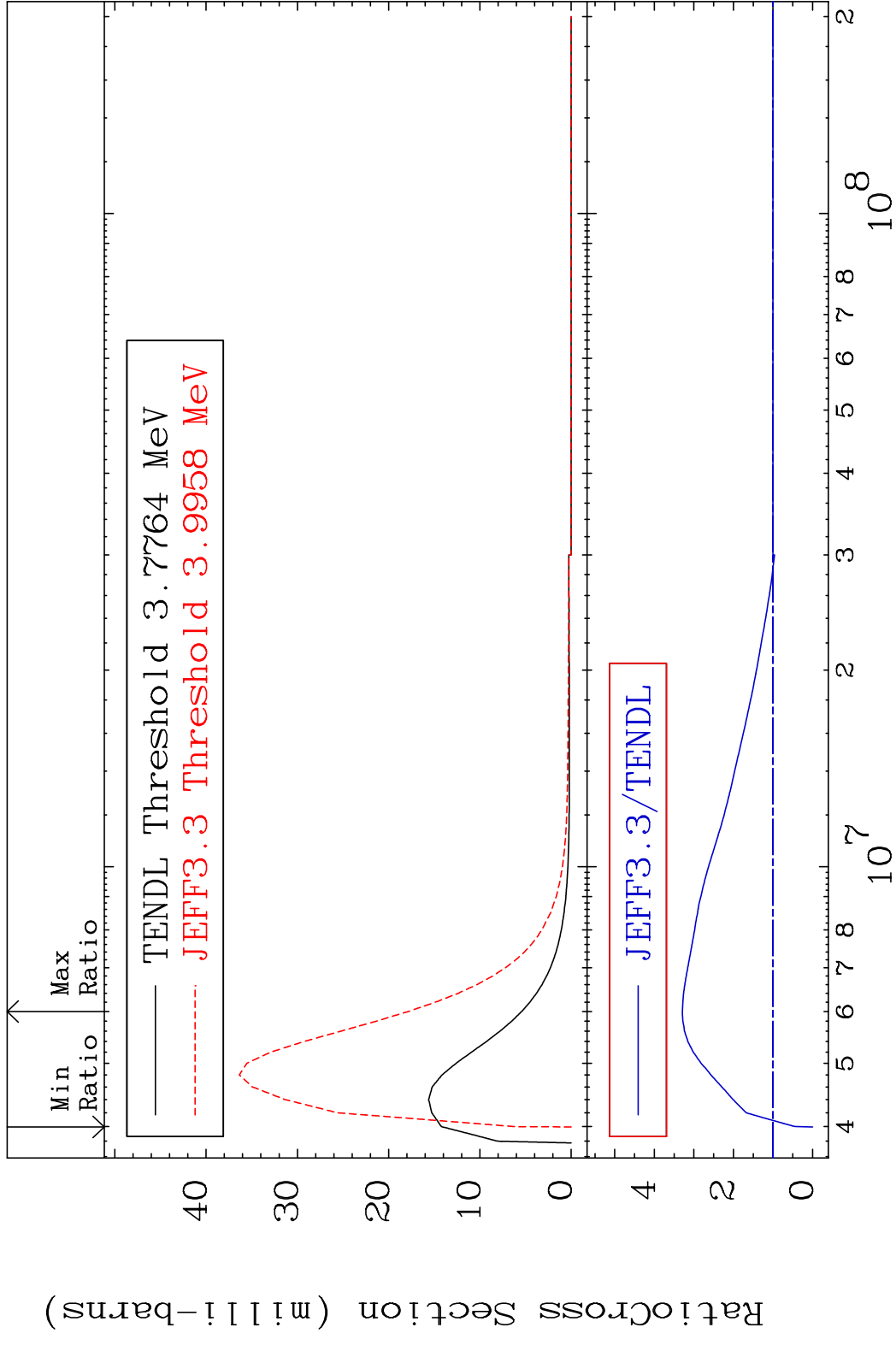


42 26-Fe-60

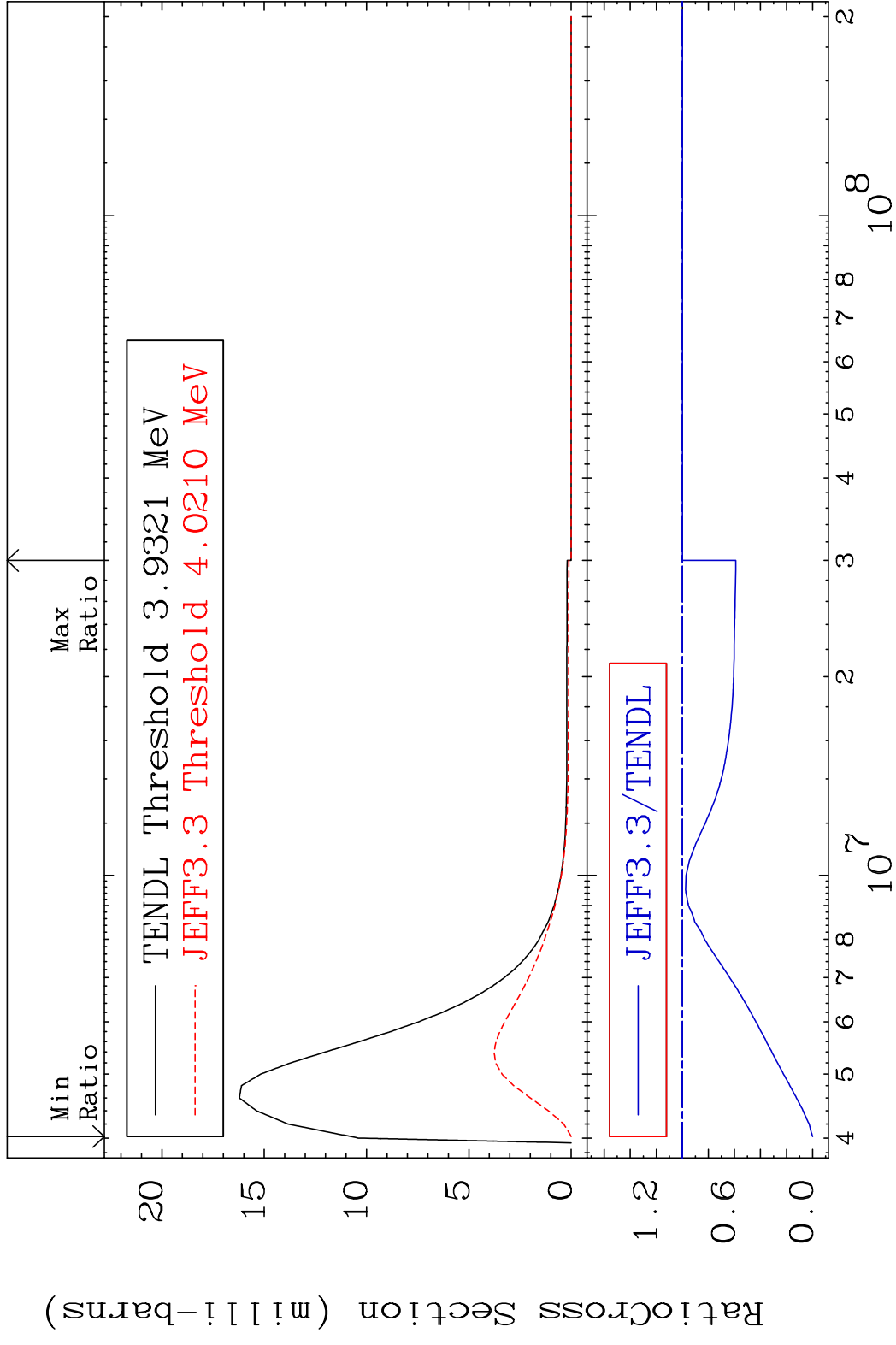
MAT 2643 MT= 74 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



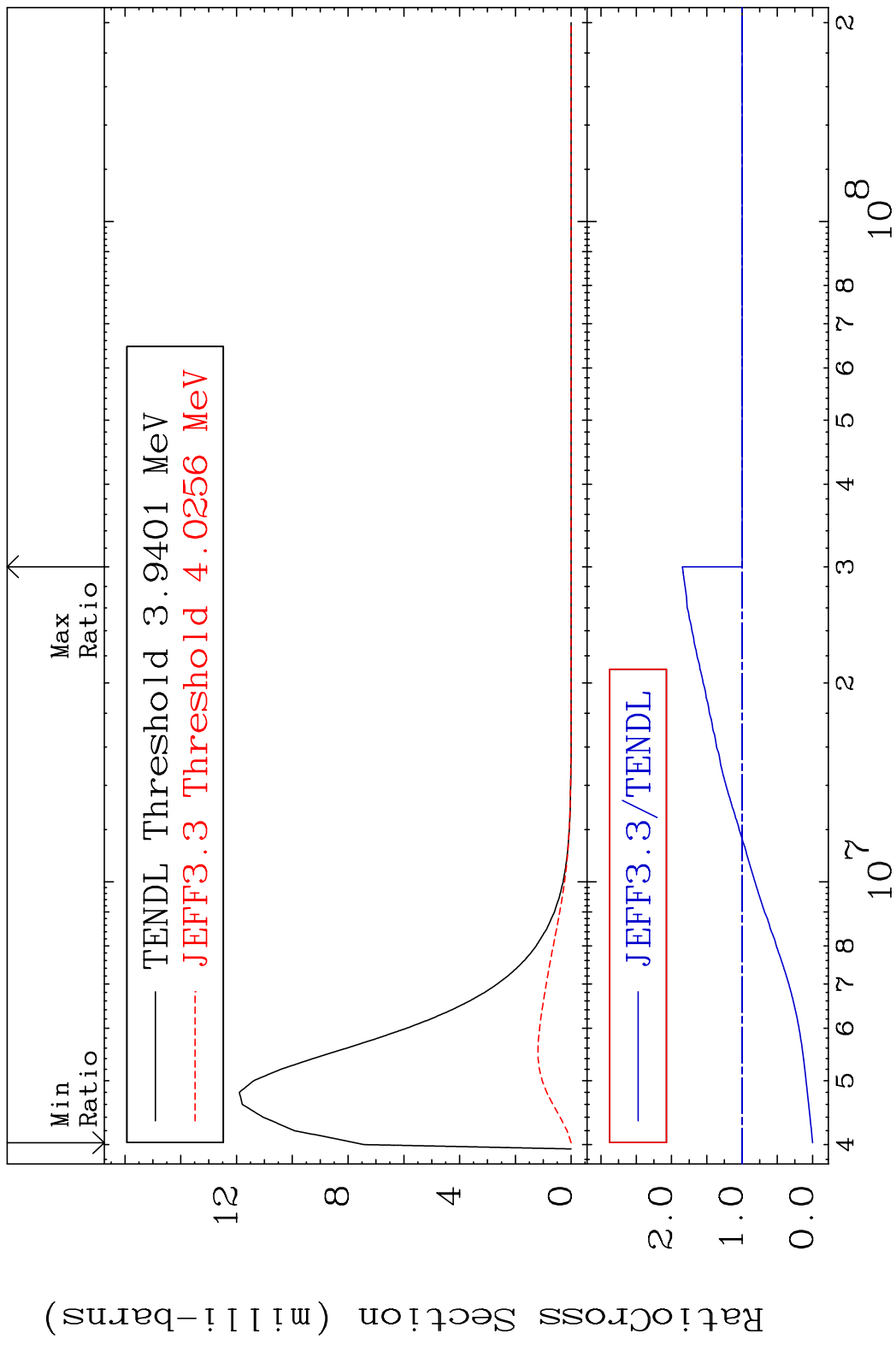
MAT 2643 MT= 75 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 229.1 %



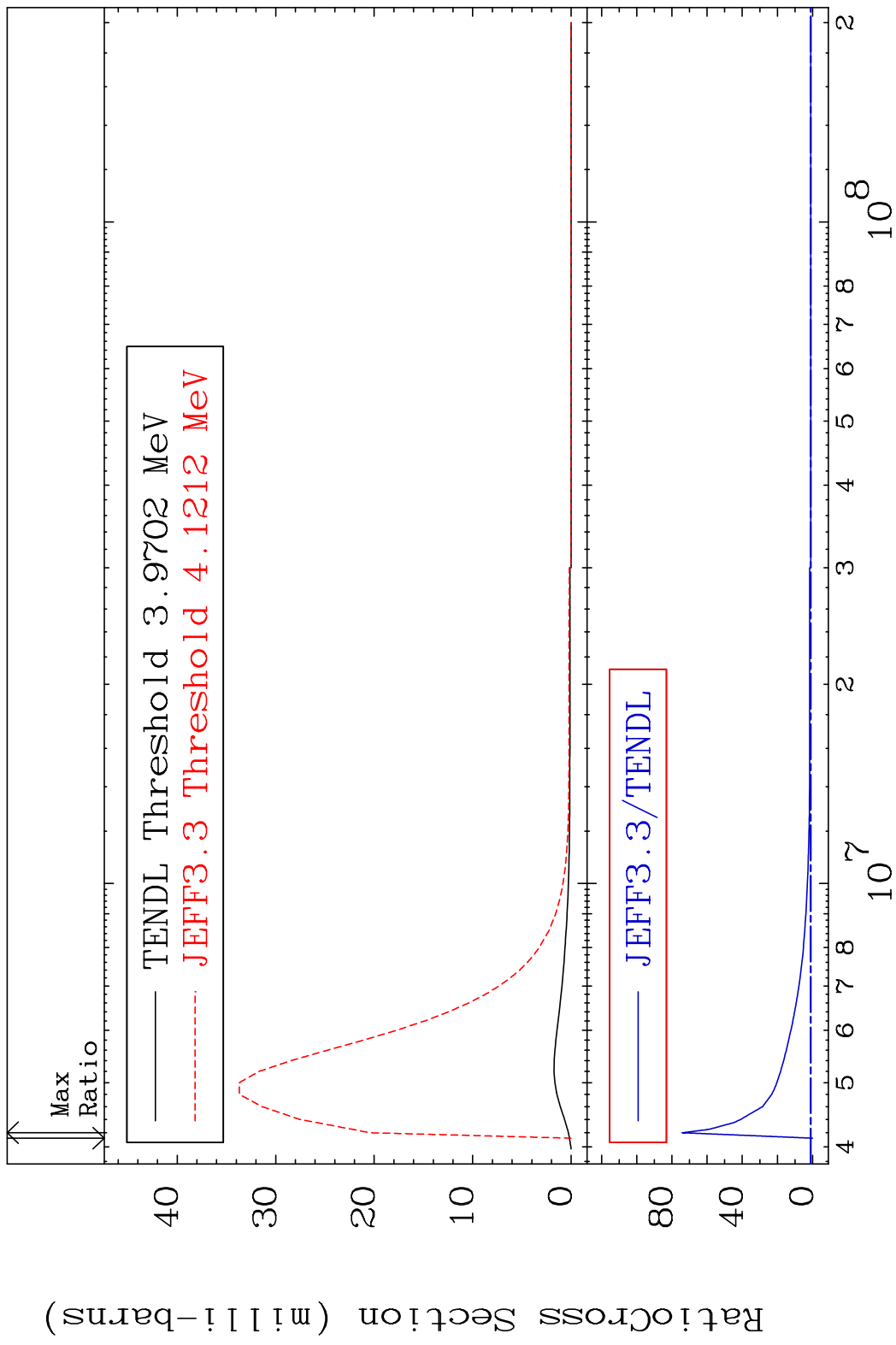
MAT 2643 MT= 76 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 0.000 %



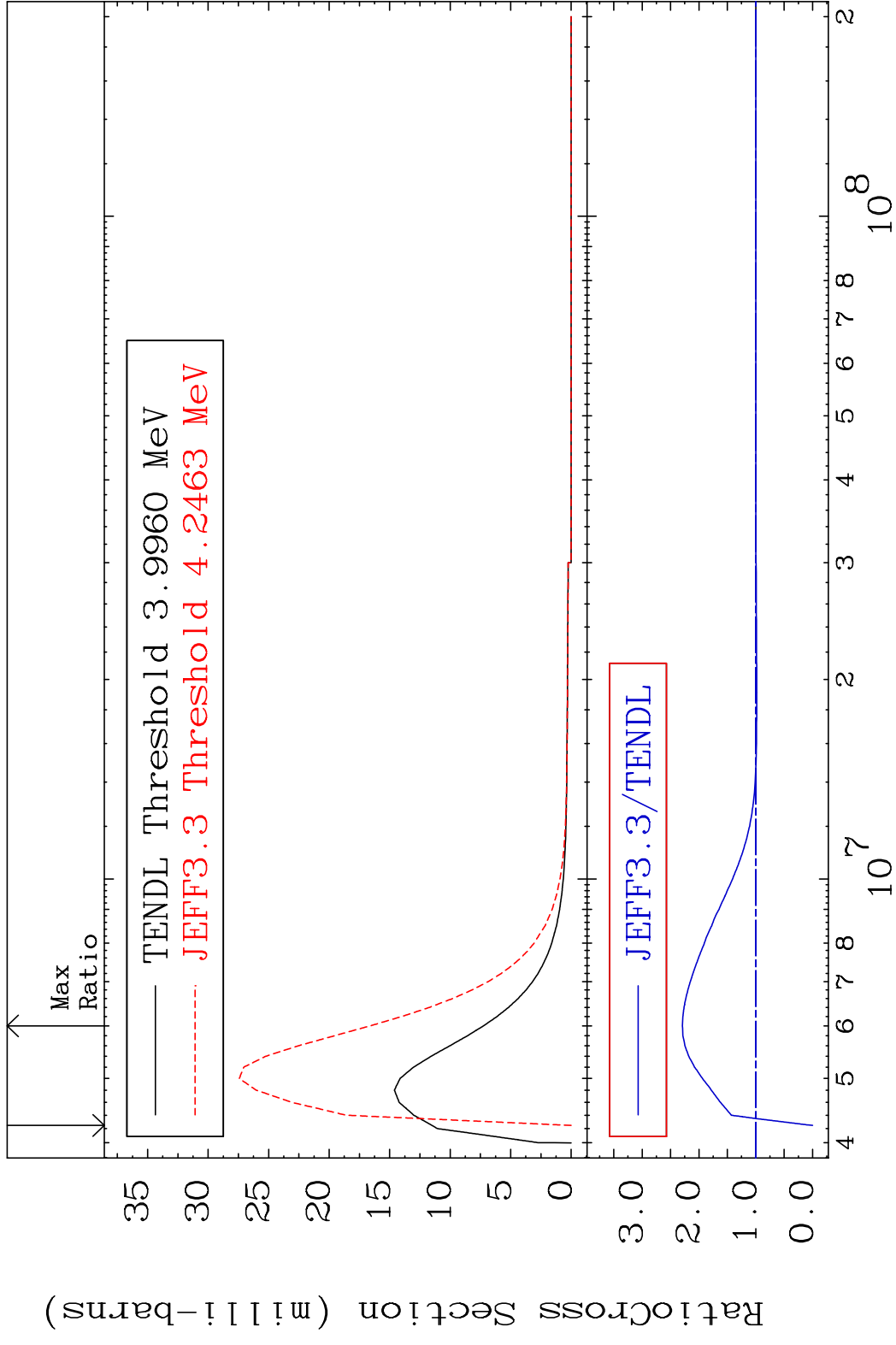
MAT 2643 MT= 77 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 84.64 %



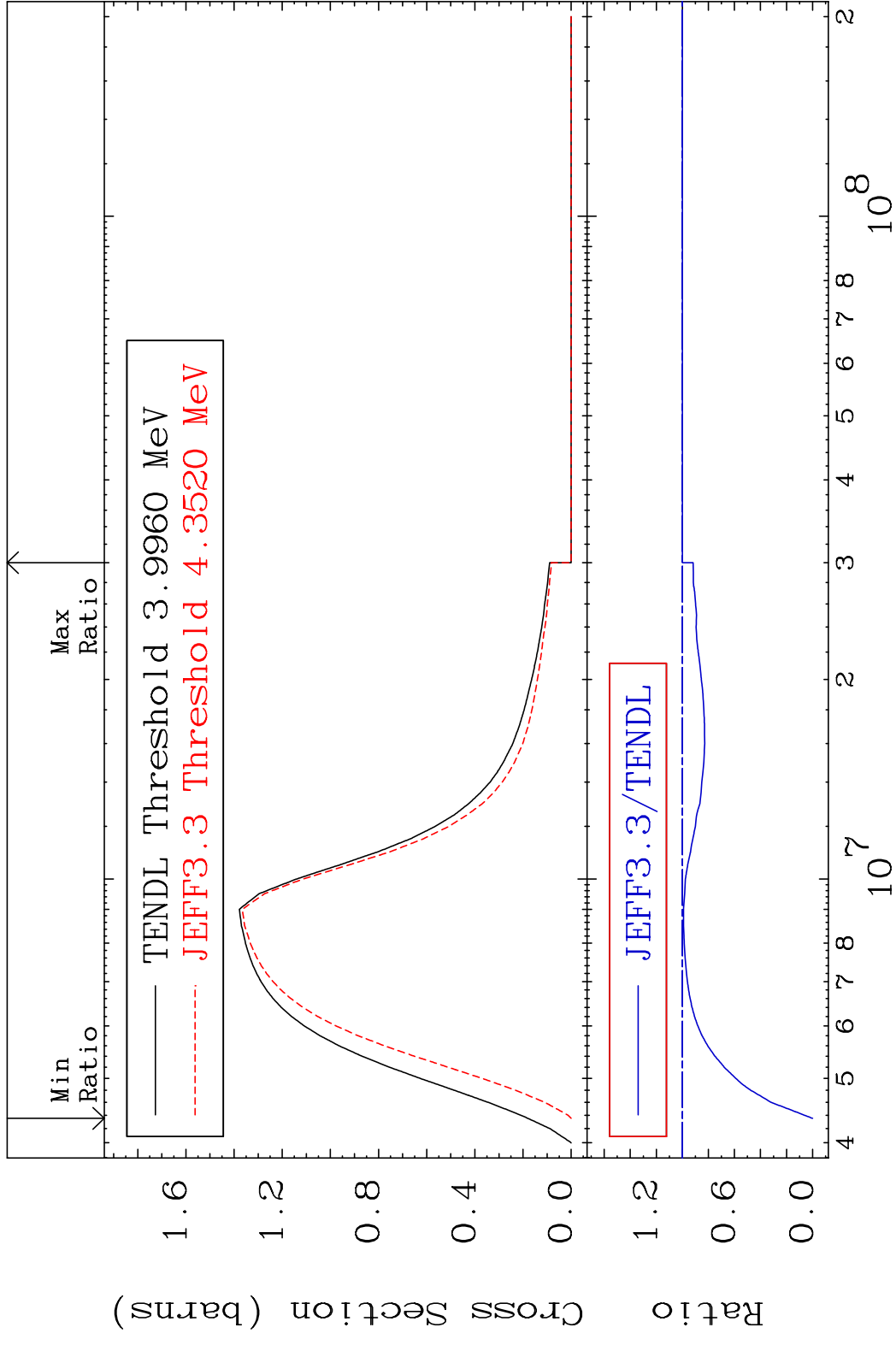
MAT 2643 MT= 78 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 7308. %



MAT 2643 MT= 79 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 129.3 %



MAT 2643 (n,n') Continuum ²⁶Fe-60
 Cross Section -100.0 To 0.000 %

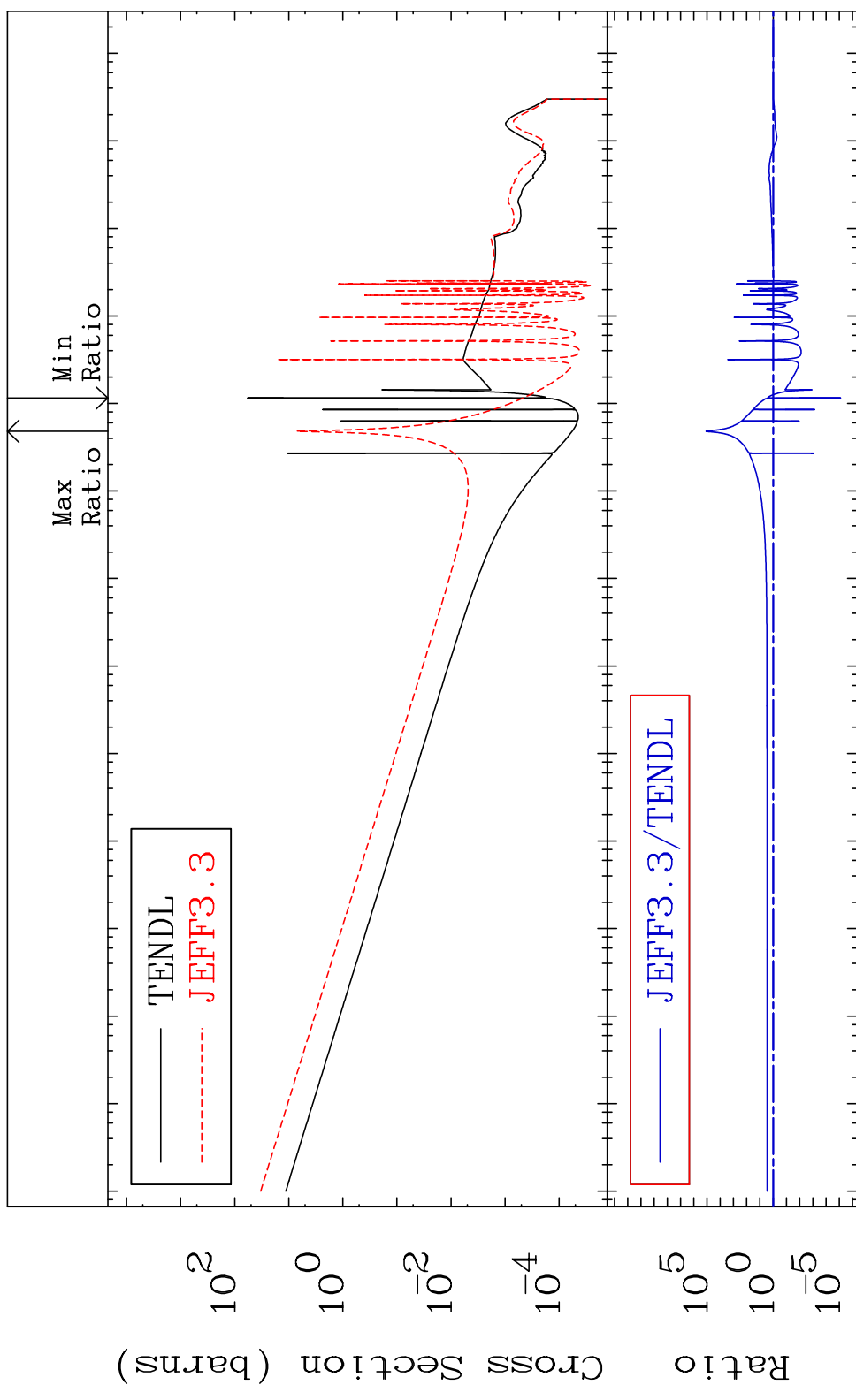


MAT 2643

(n, γ)

26-Fe-60

Cross Section -100.0 To 9999. %

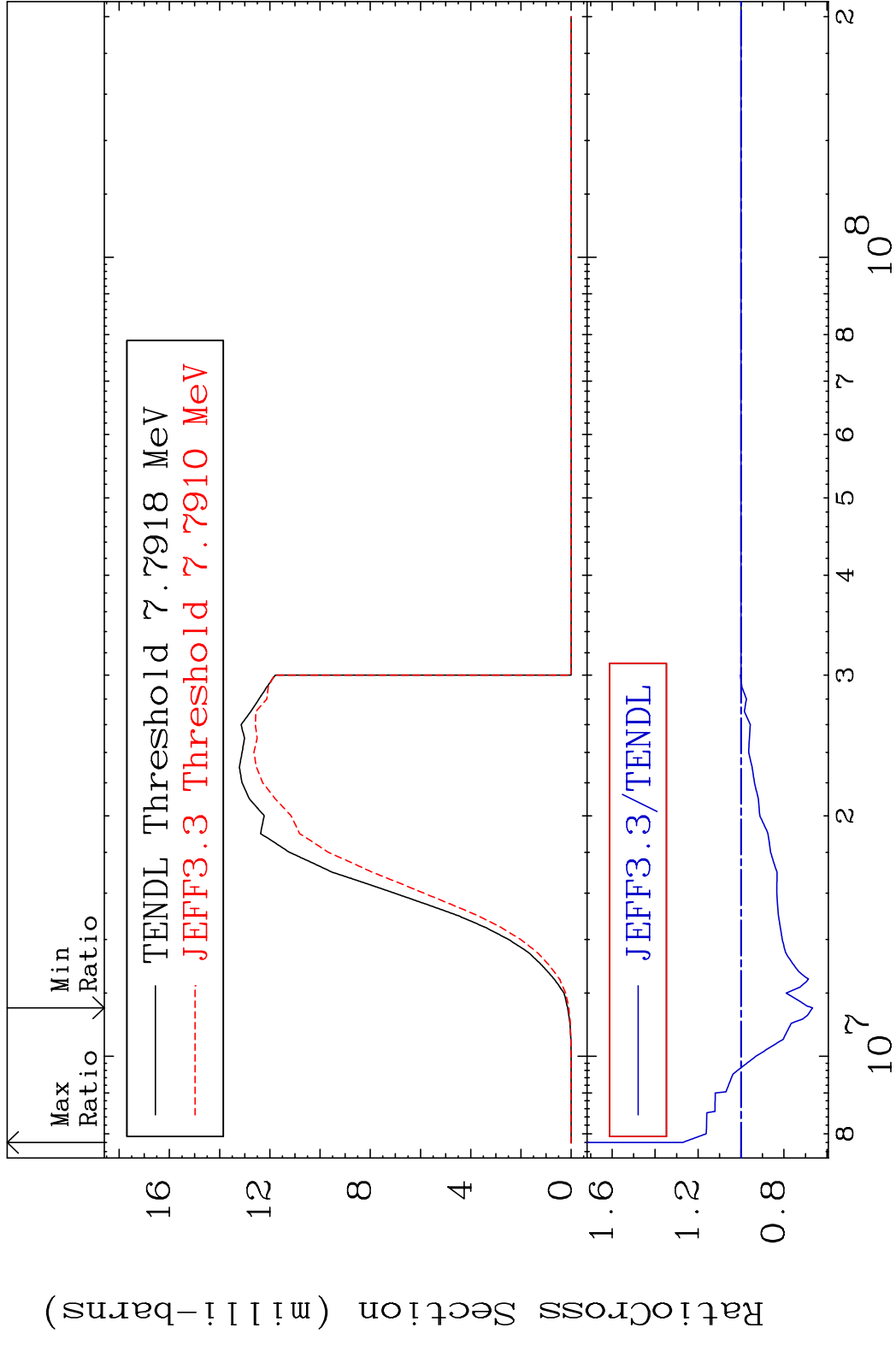


50

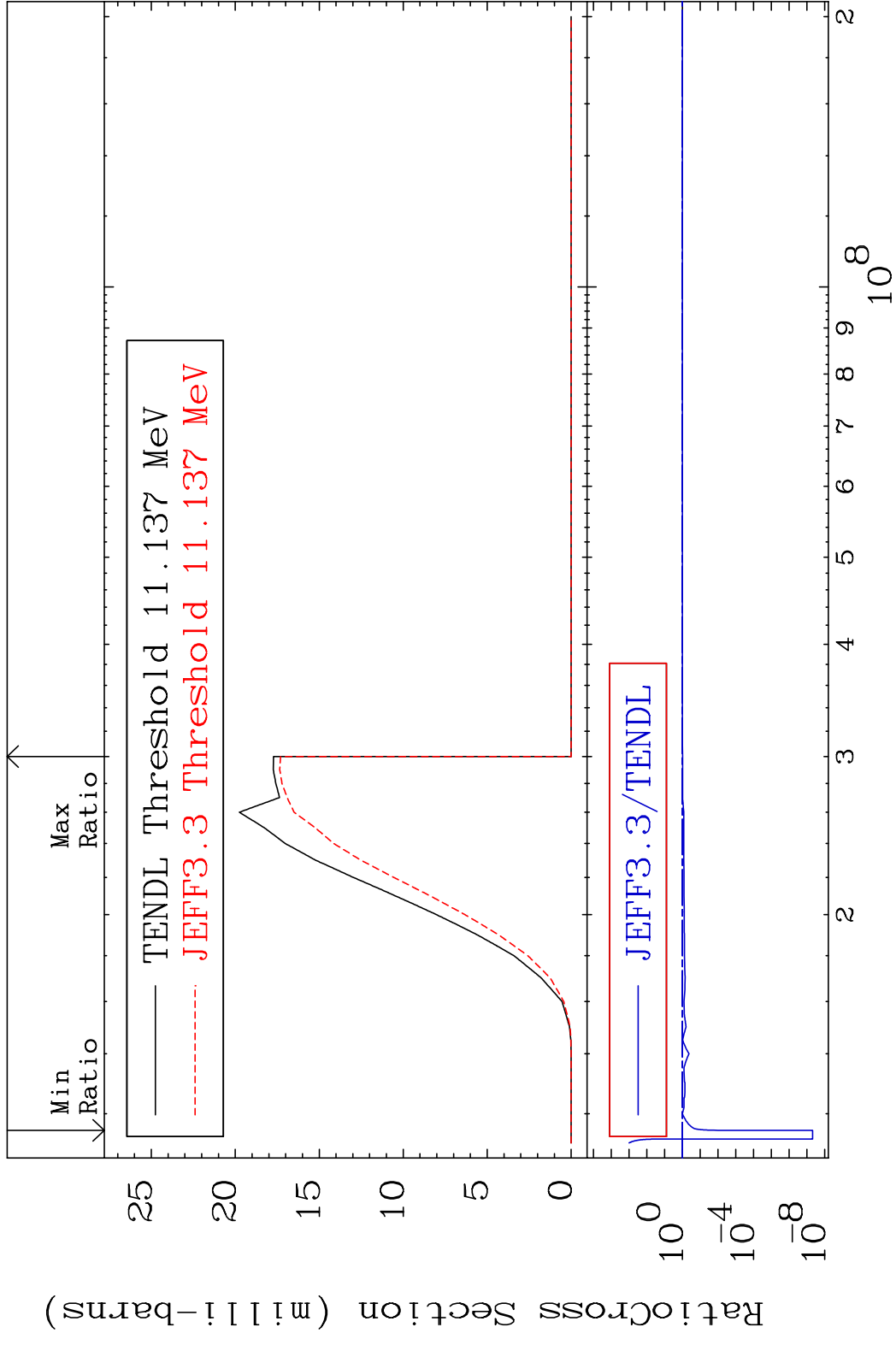
Incident Energy (eV)

26-Fe-60

MAT 2643 (n,p) 26-Fe-60
 Cross Section -33.32 To 27.32 %



MAT 2643 (n,d) 26-Fe-60
 Cross Section -100.0 To 0.000 %

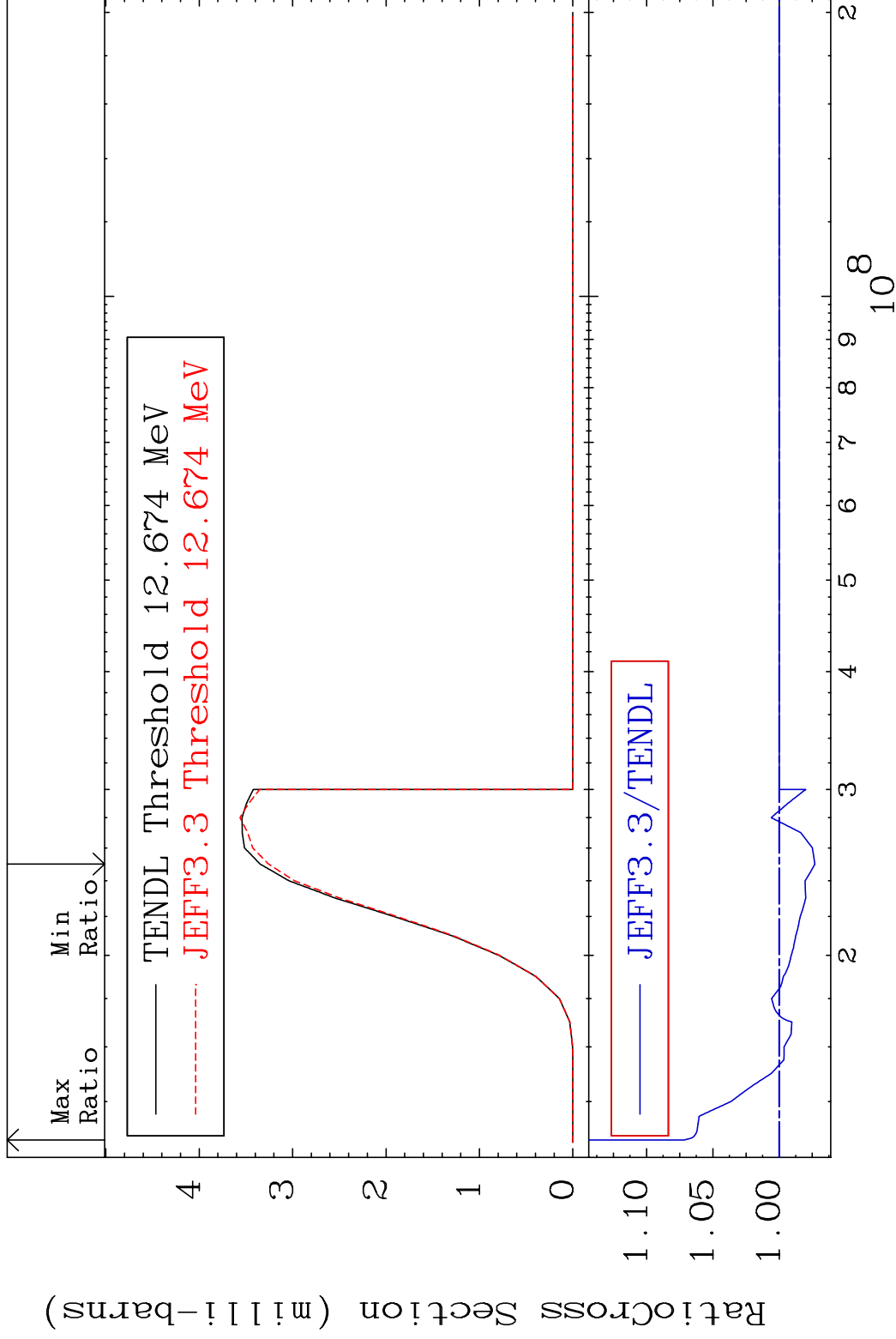


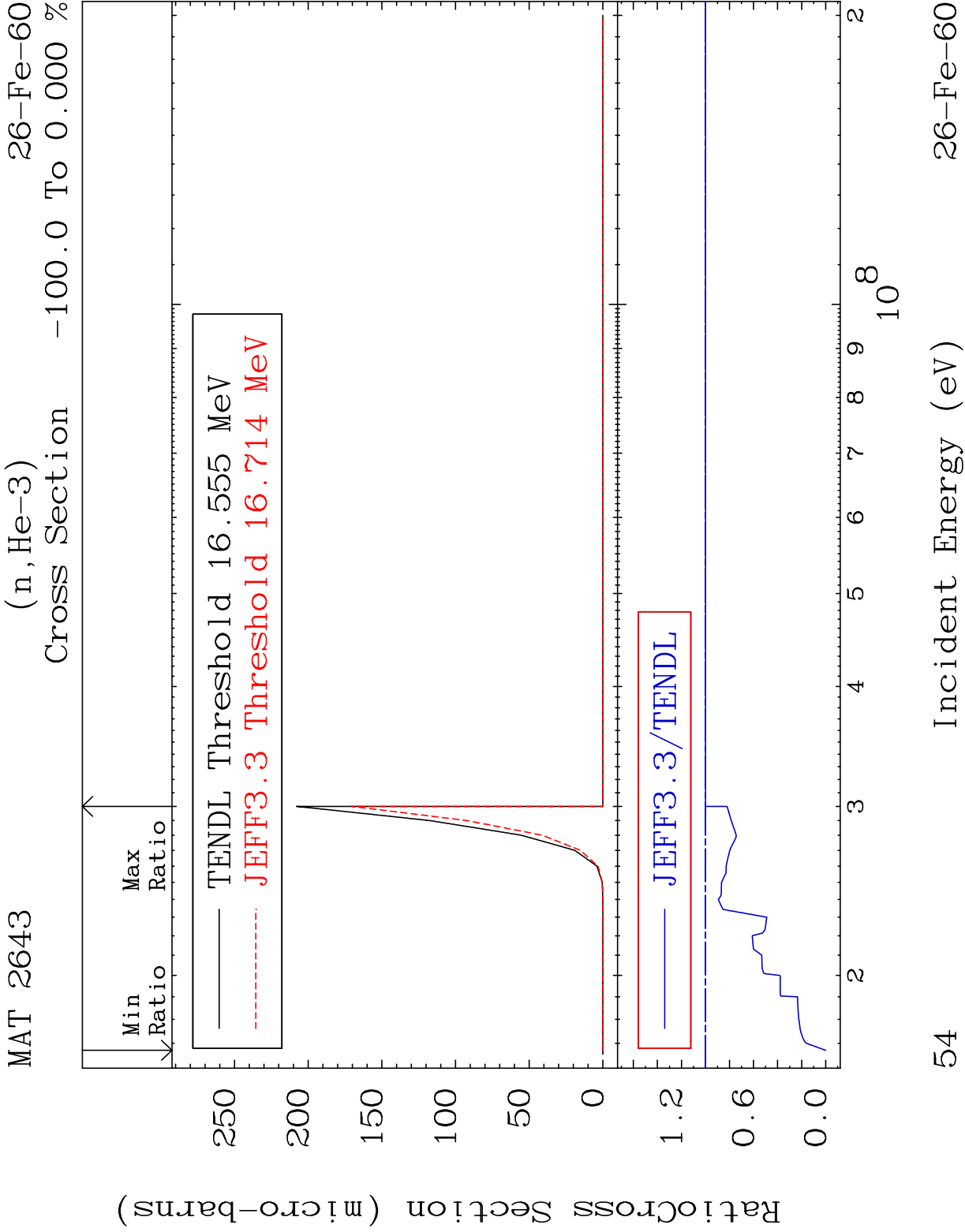
MAT 2643

(n, t)

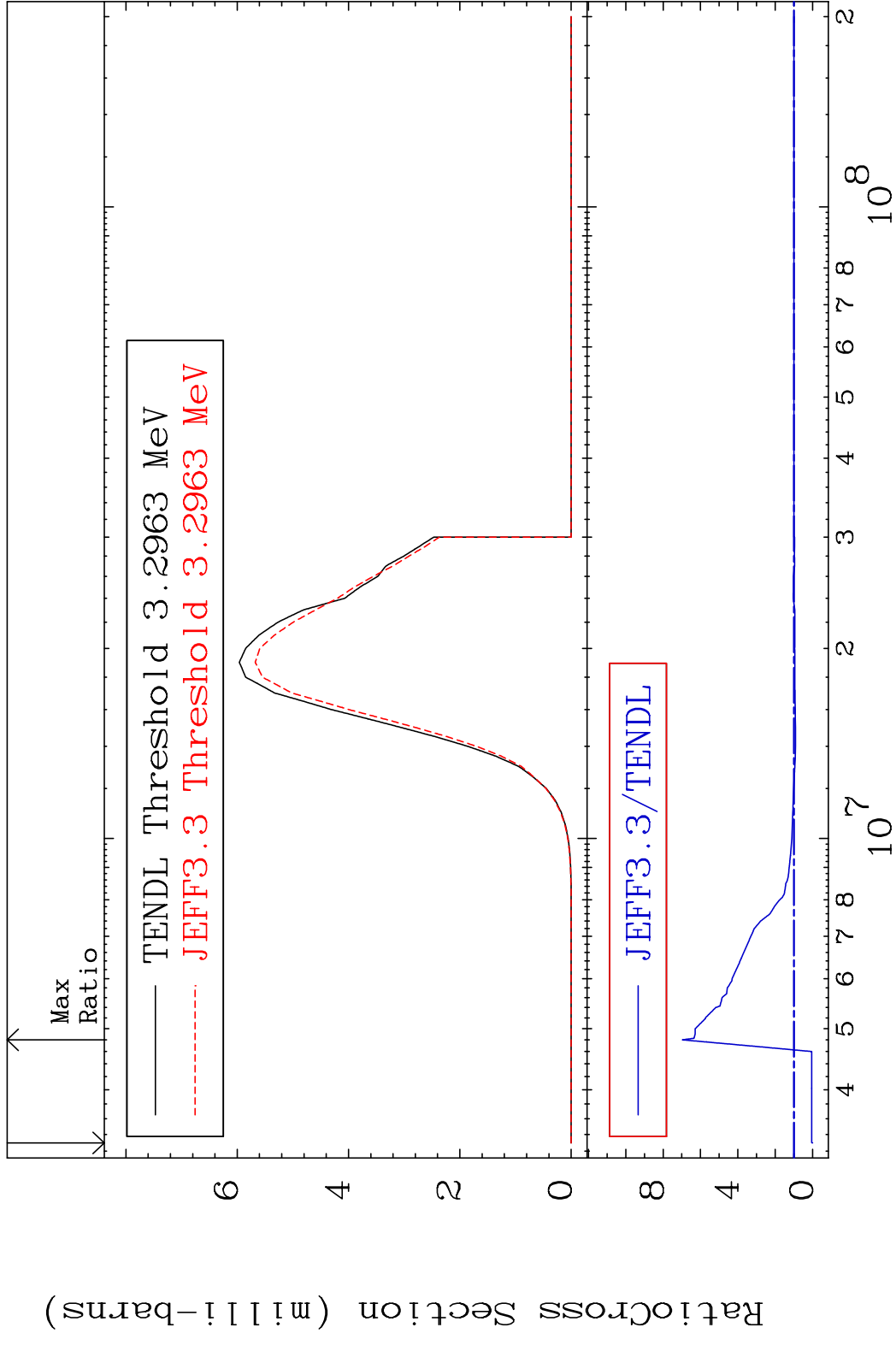
²⁶Fe-60

Cross Section -2.695 To 7.153 %

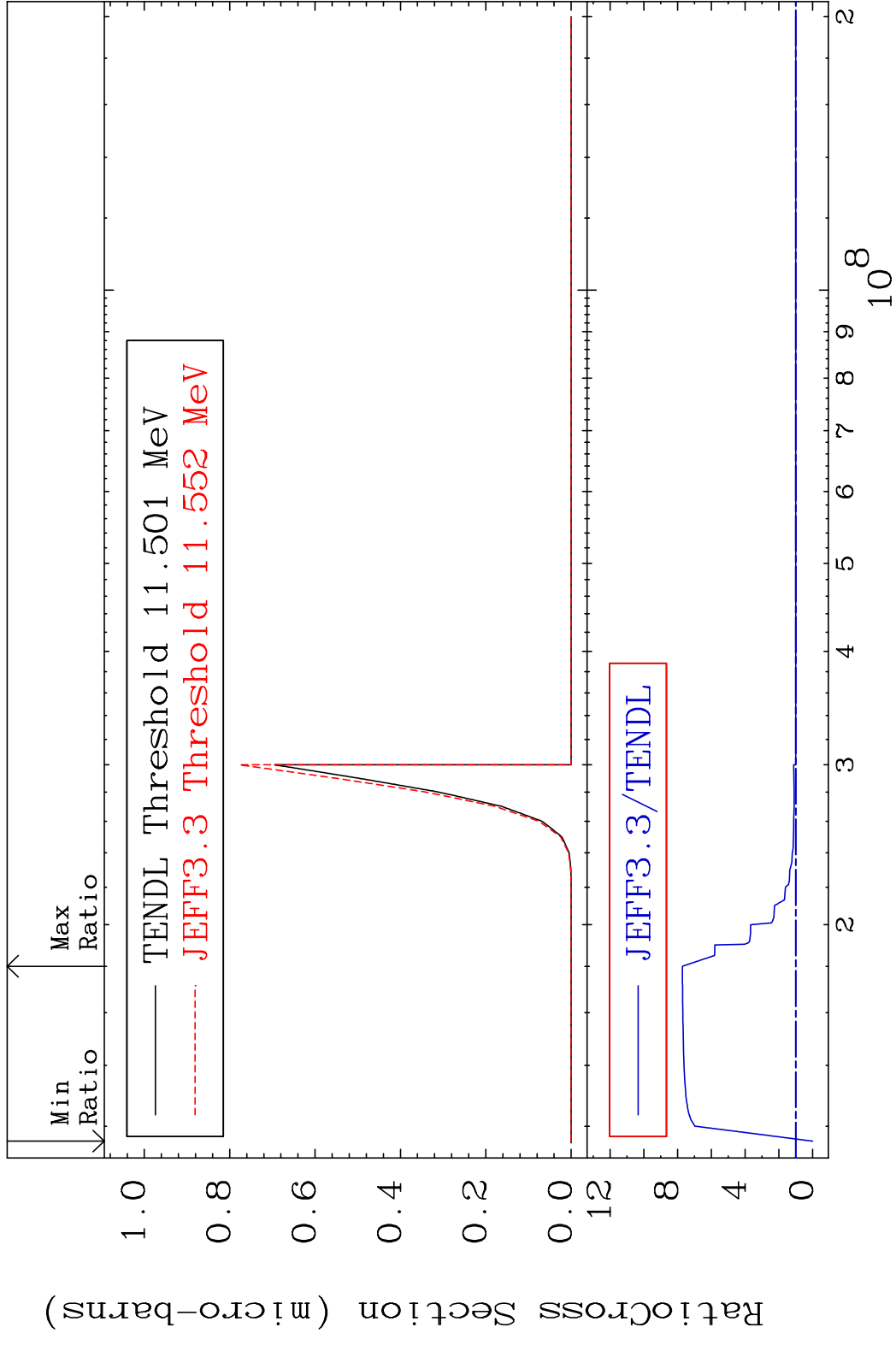




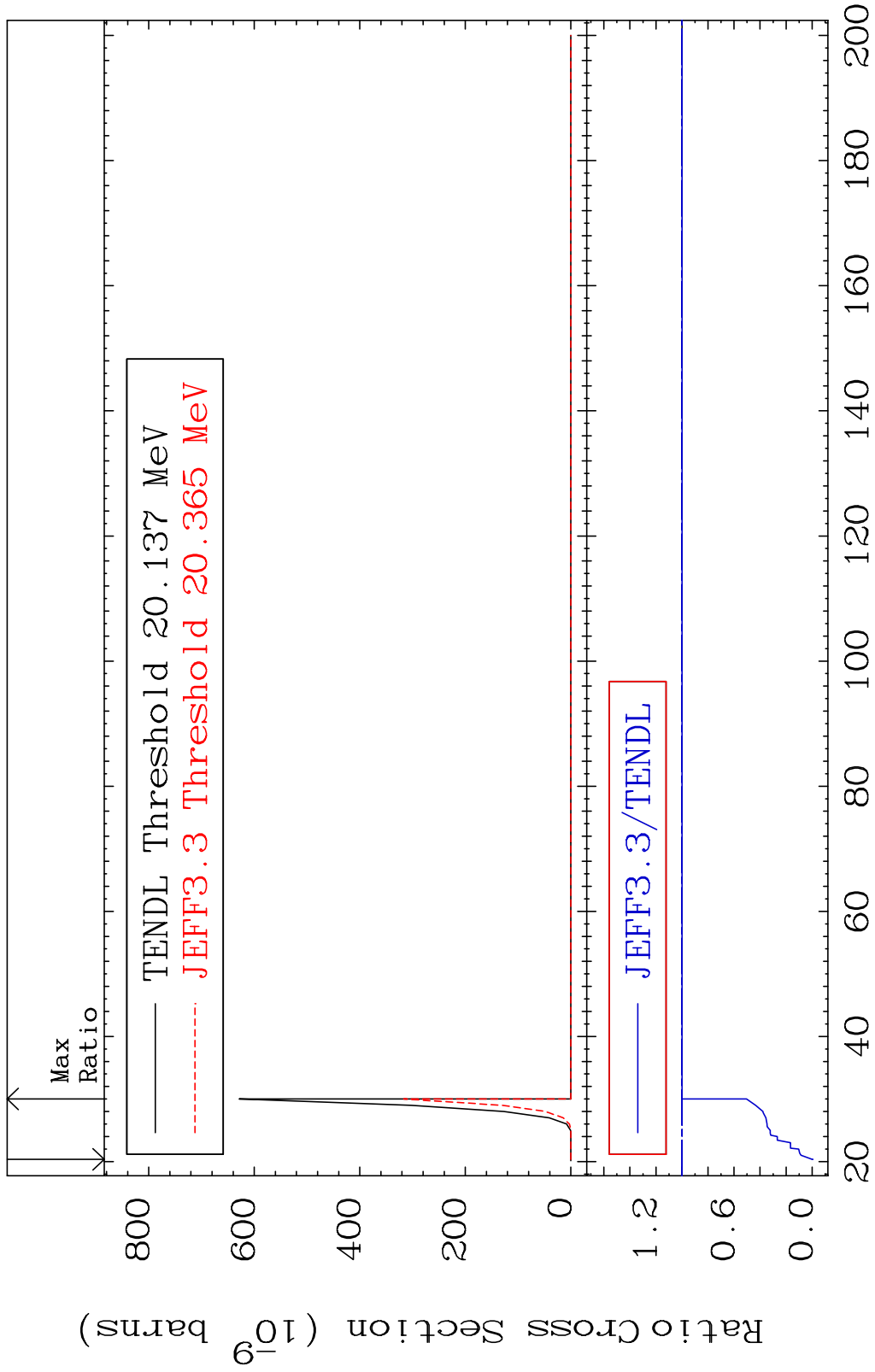
MAT 2643 (n, α) 26-Fe-60
 Cross Section -100.0 To 597.1 %



MAT 2643 (n,2α) 26-Fe-60
 Cross Section -100.0 To 671.5 %

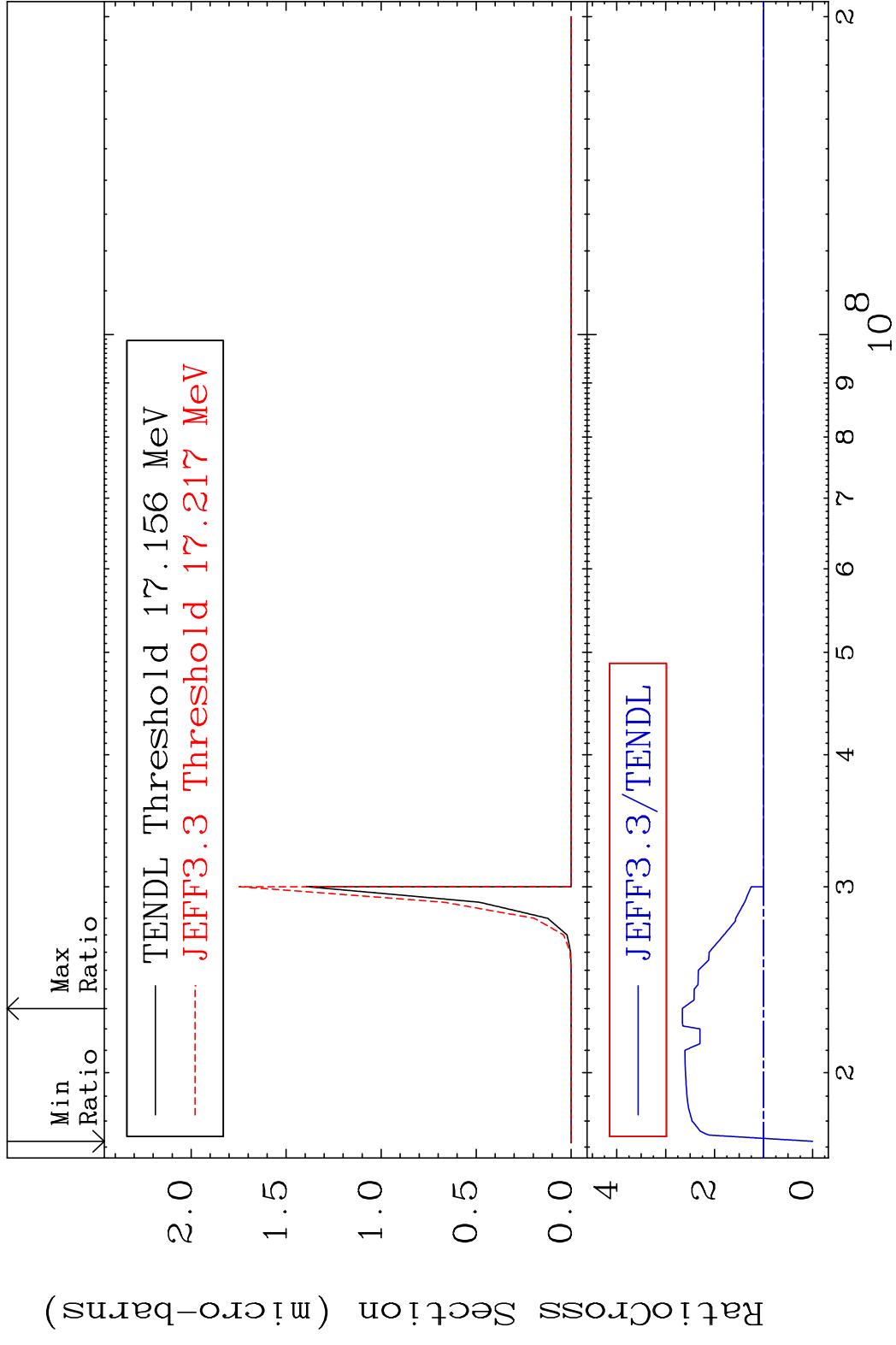


MAT 2643 (n,2p) 26-Fe-60
 Cross Section -100.0 To 0.000 %

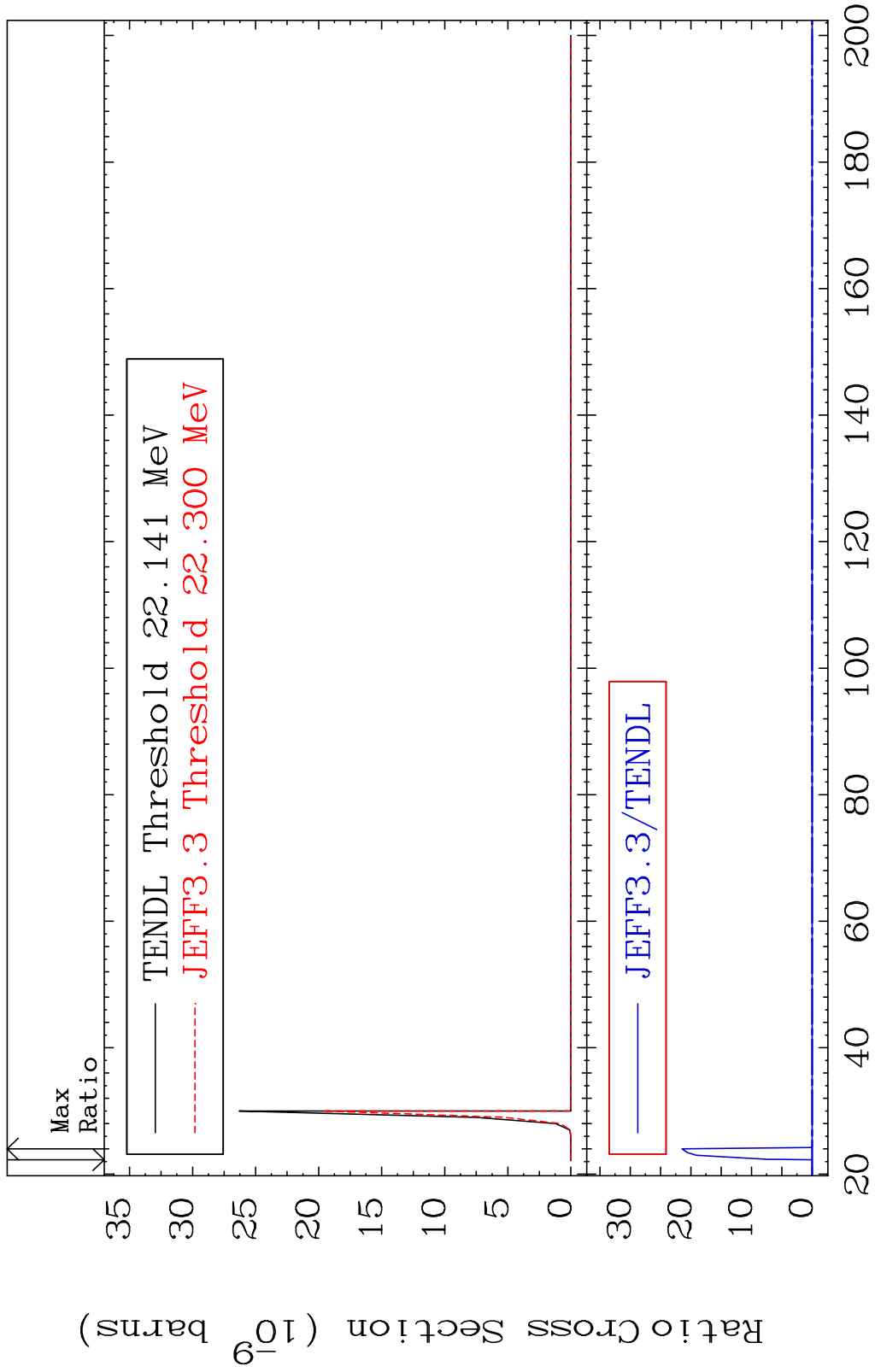


57 Incident Energy (MeV) 26-Fe-60

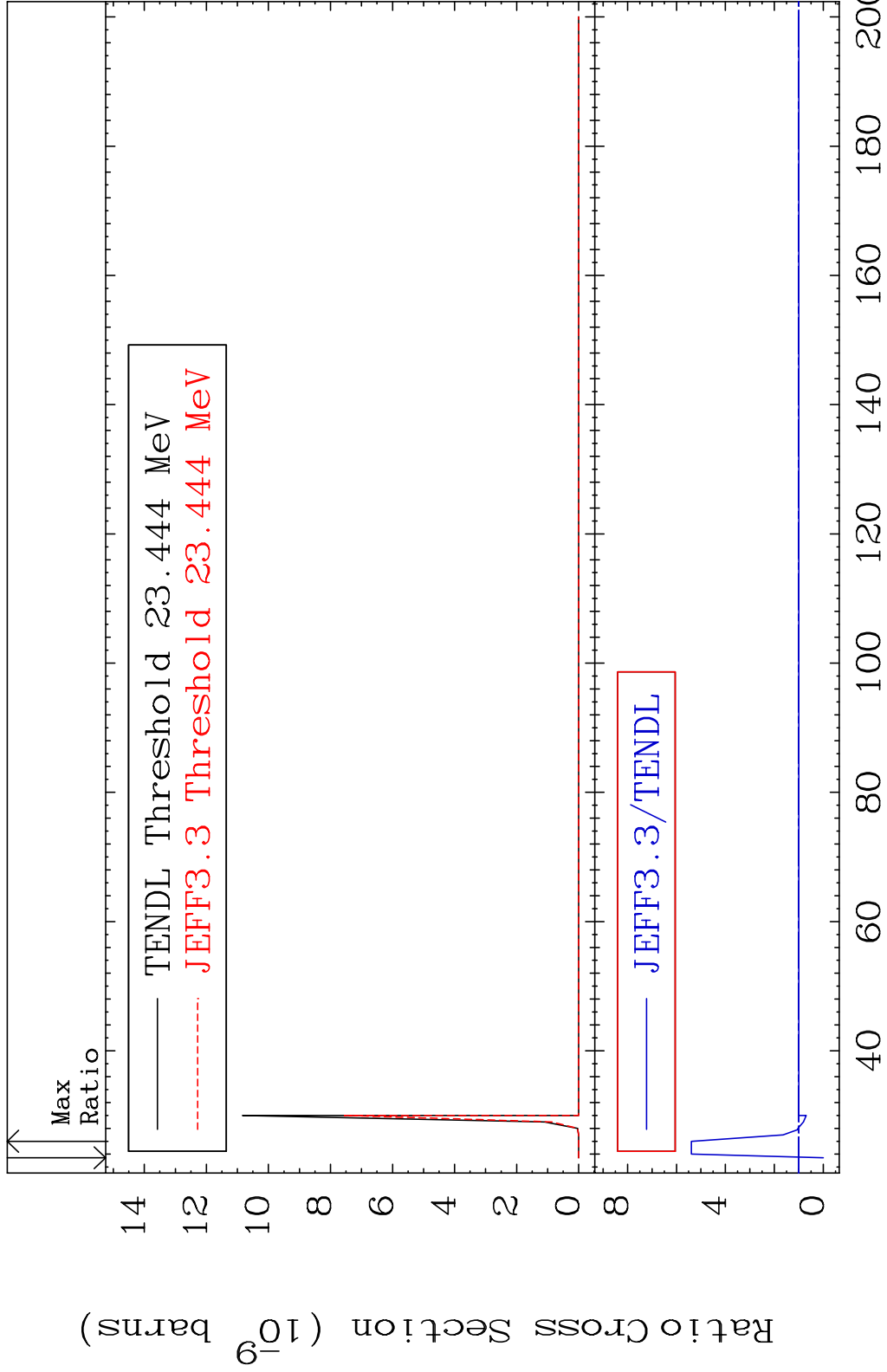
MAT 2643 (n,p) α ²⁶Fe-60
 Cross Section -100.0 To 165.9 %



MAT 2643 (n,p) d 26-Fe-60
 Cross Section -100.0 To 9999. %

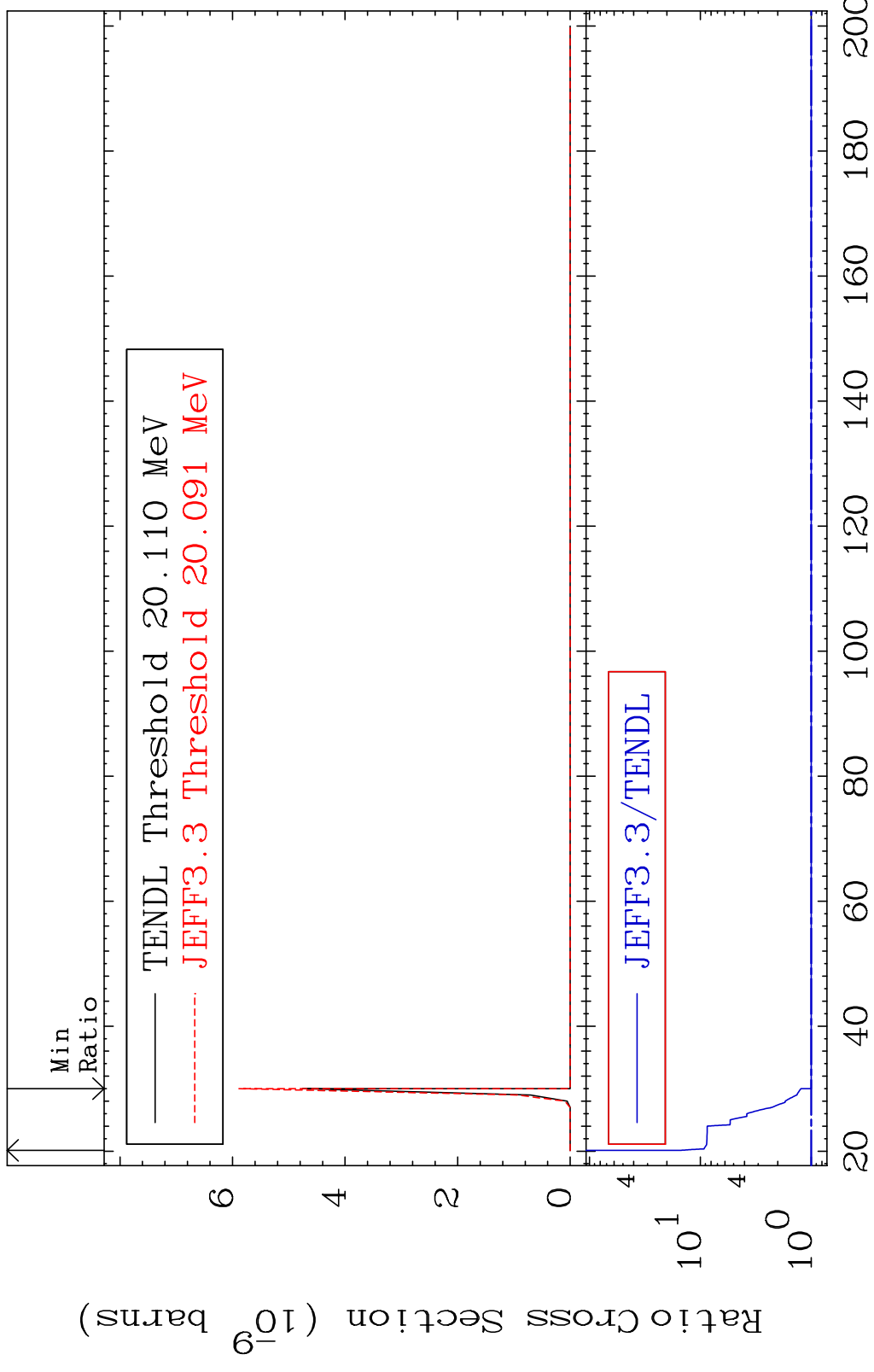


MAT 2643 (n,p) t 26-Fe-60
 Cross Section -100.0 To 439.3 %

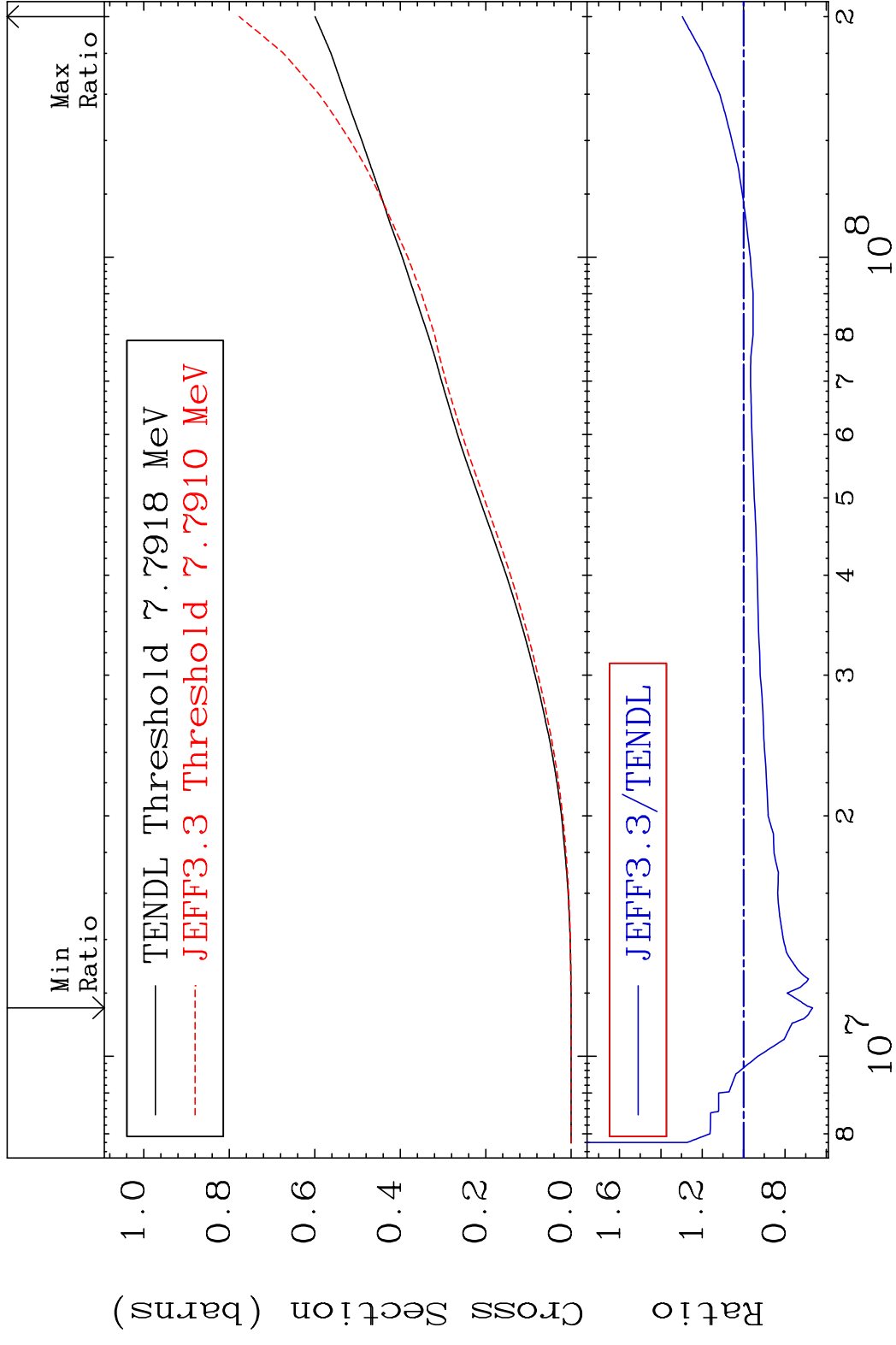


60 Incident Energy (MeV) 26-Fe-60

MAT 2643 (n,d) α $^{26}\text{Fe-60}$
 Cross Section 0.000 To 1388. %

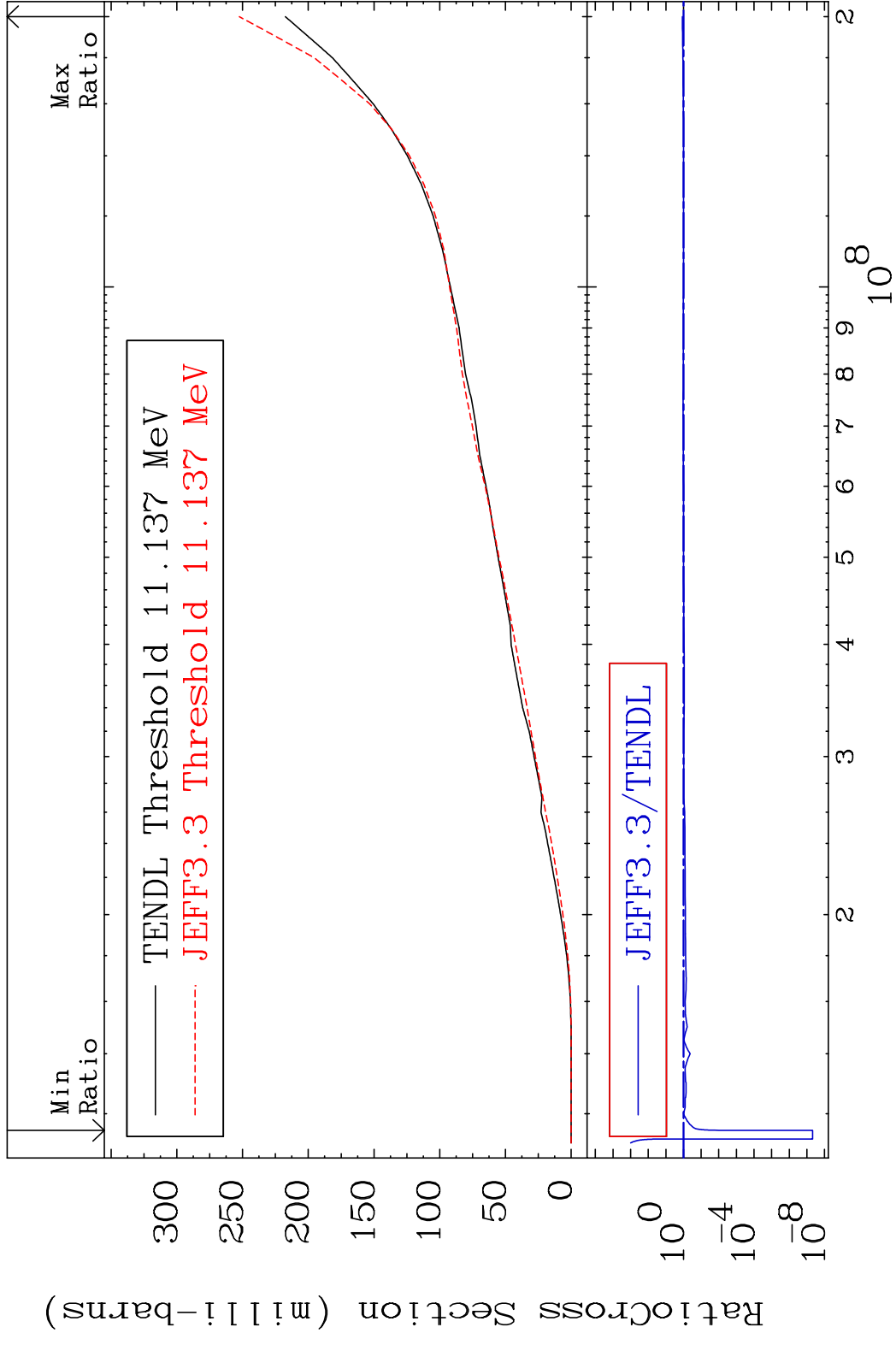


MAT 2643 Hydrogen Production $^{26}\text{Fe-60}$
 Cross Section -33.32 To 29.60 %

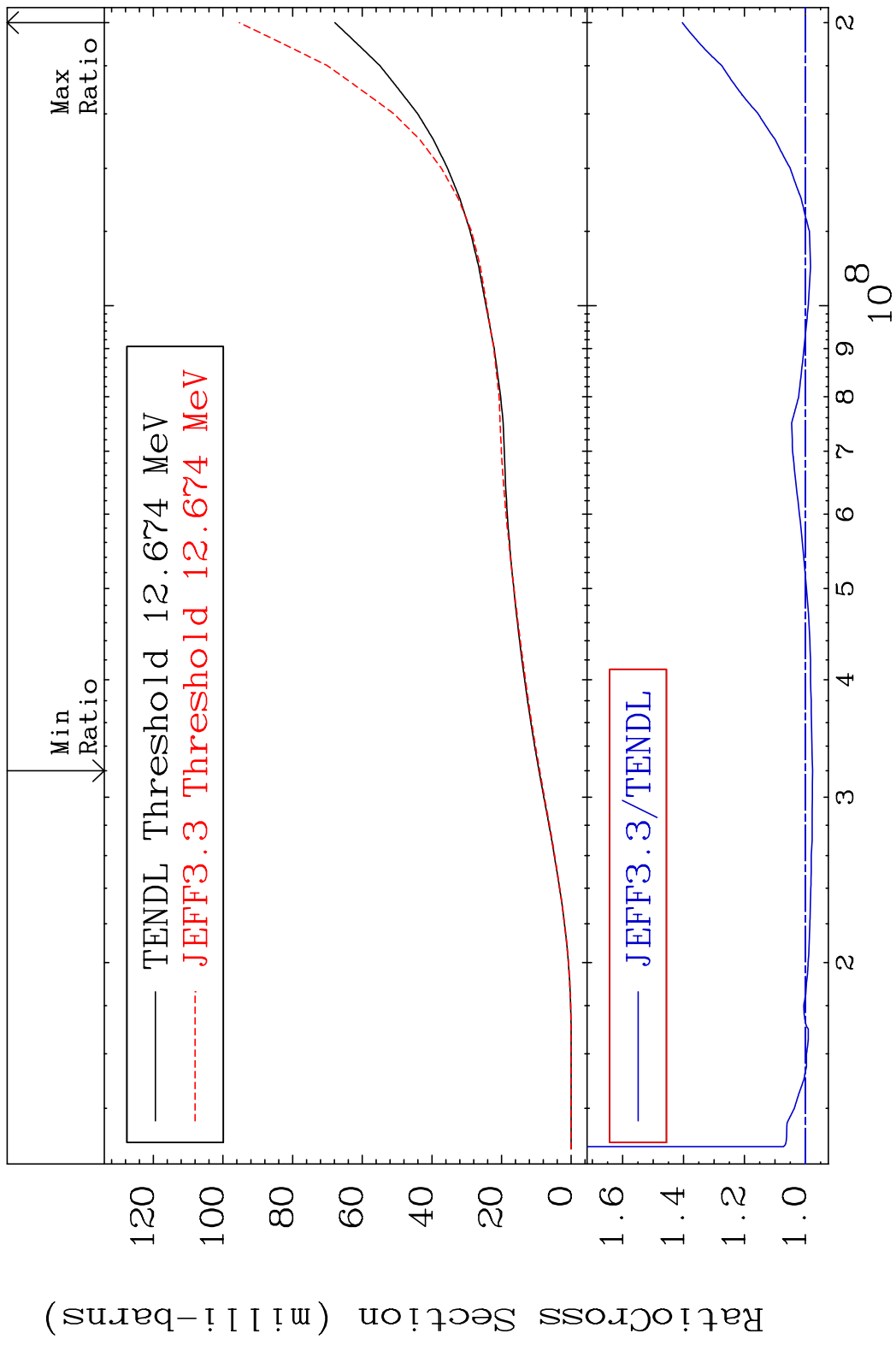


62 $^{26}\text{Fe-60}$

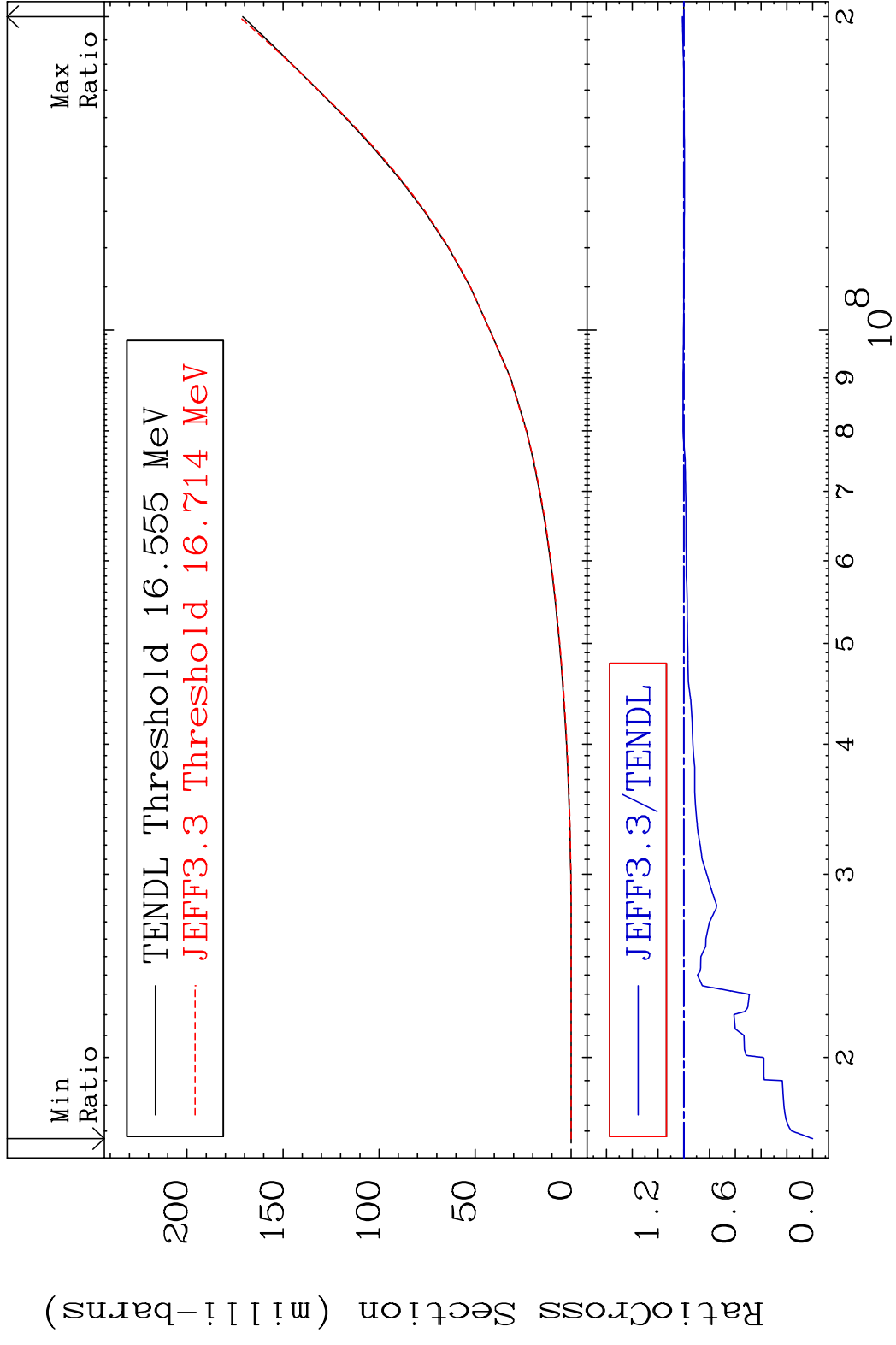
MAT 2643 Deuterium Production $^{26}\text{Fe-60}$
 Cross Section -100.0 To 16.07 %



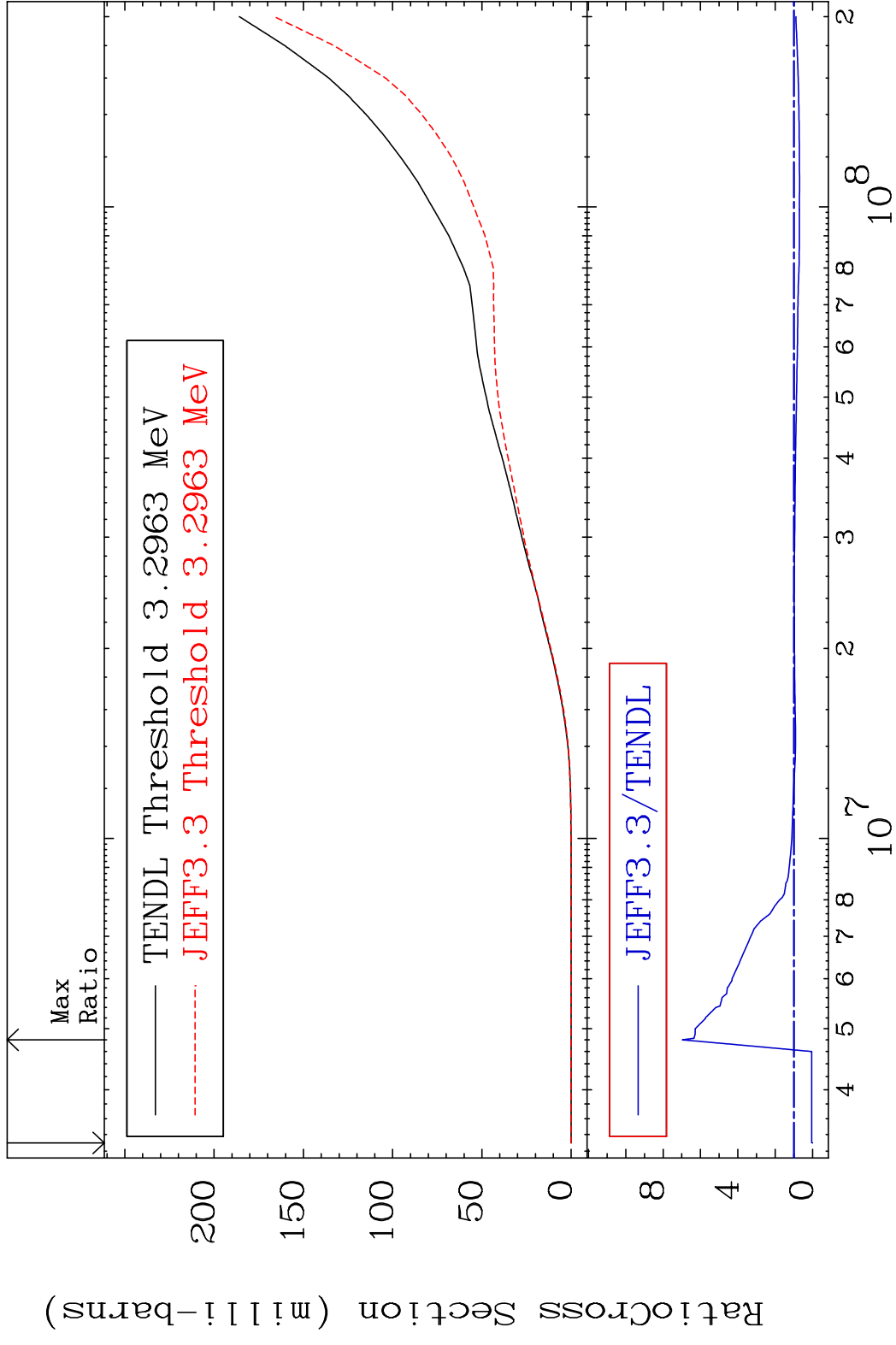
MAT 2643 Tritium Production $^{26}\text{Fe-60}$
 Cross Section -2.349 To 40.42 %



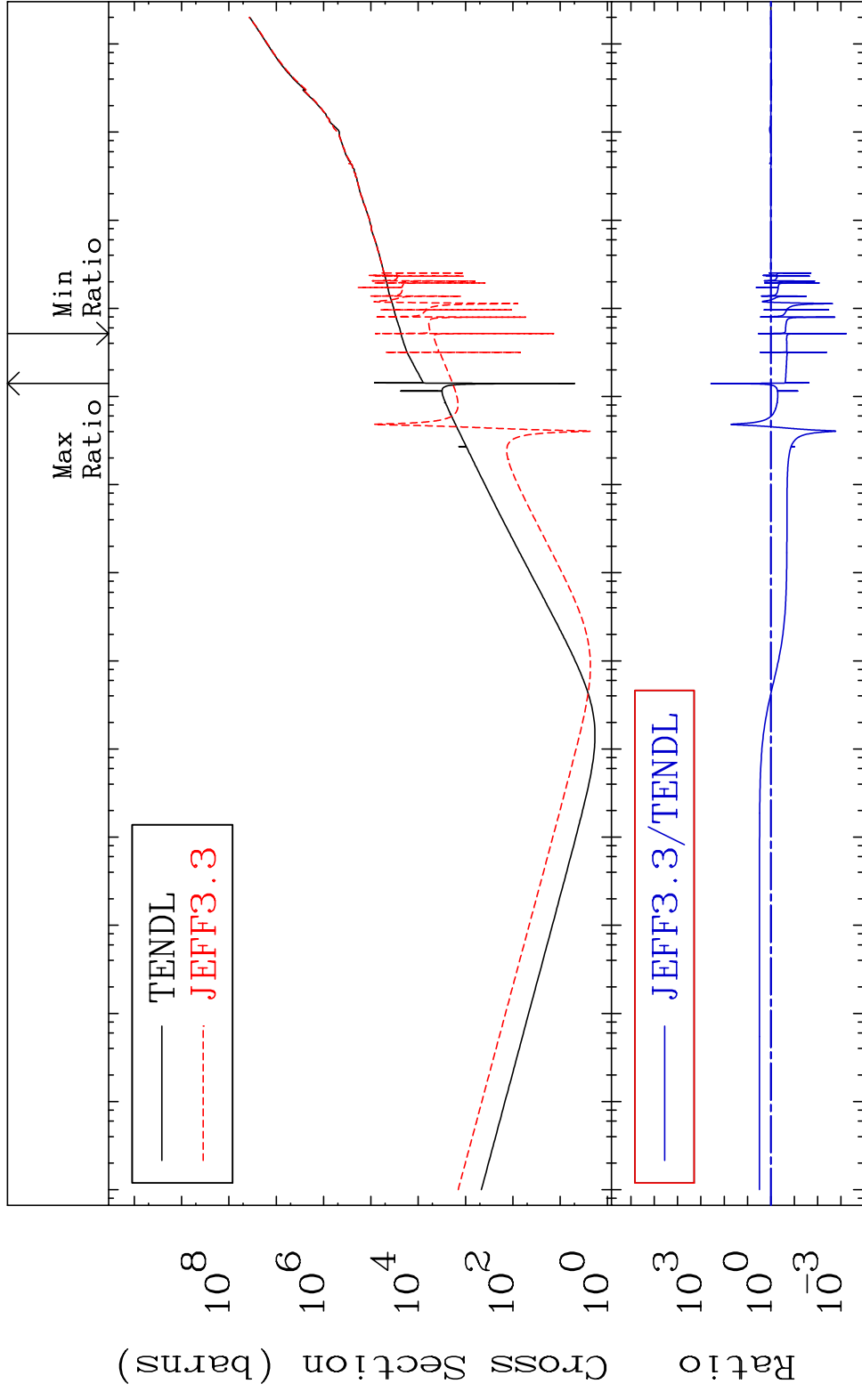
MAT 2643 He-3 Production 26-Fe-60
 Cross Section -100.0 To 1.049 %



MAT 2643 He-4 Production 26-Fe-60
 Cross Section -100.0 To 597.1 %



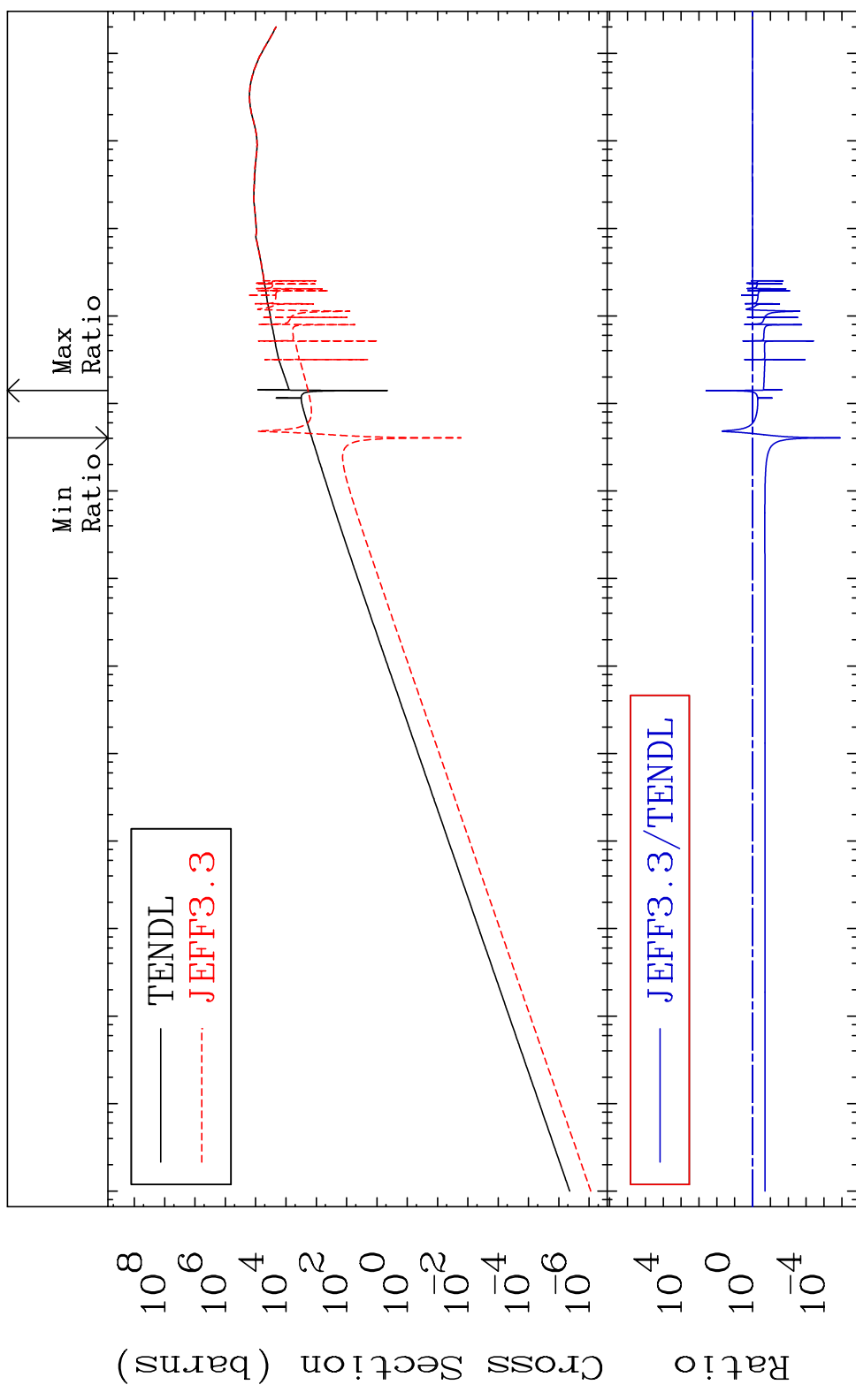
MAT 2643 Kerma total (eV-barns) 26-Fe-60
 Cross Section -99.94 To 9999. %



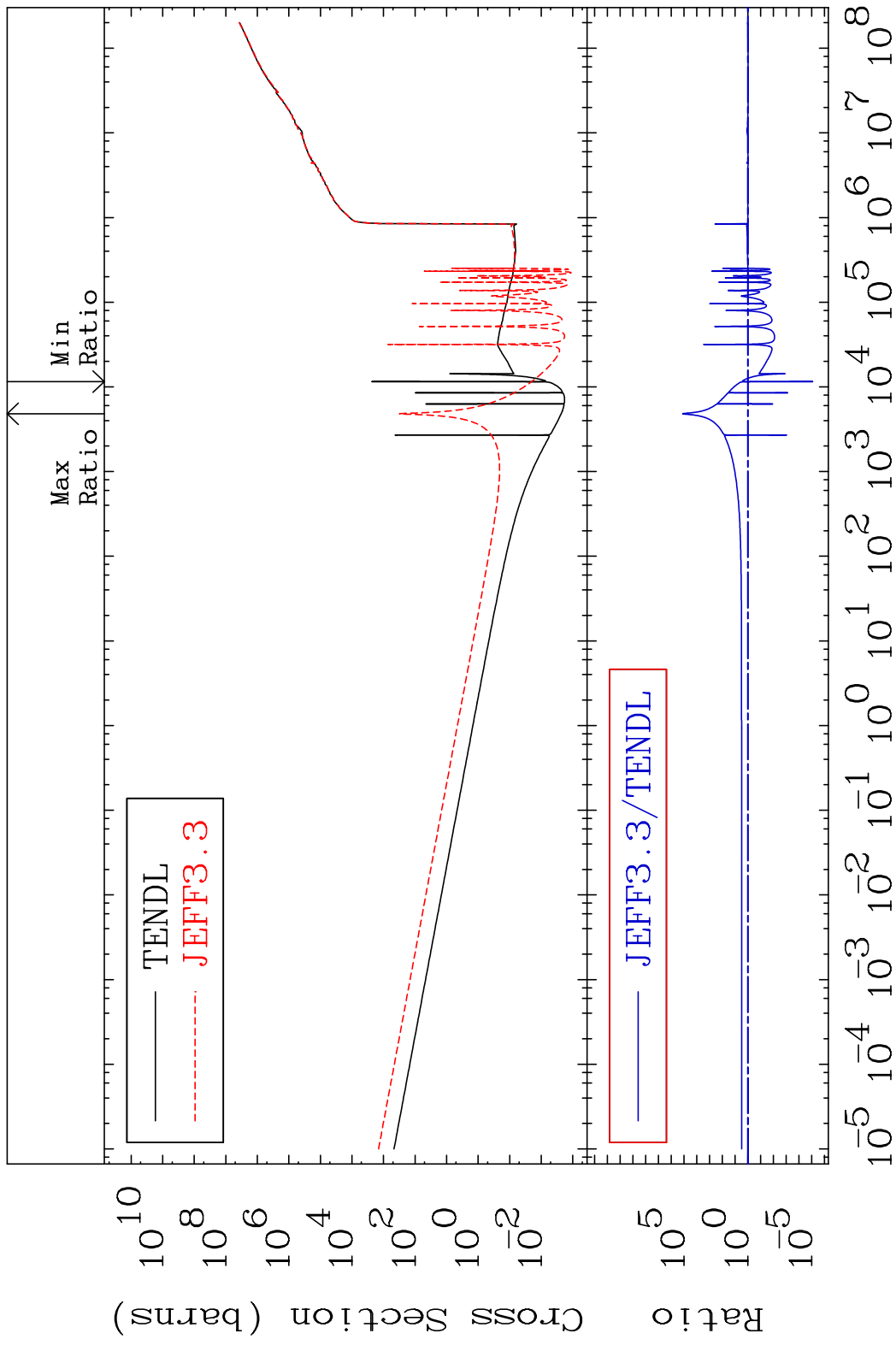
67 Incident Energy (eV) 26-Fe-60

MAT 2643

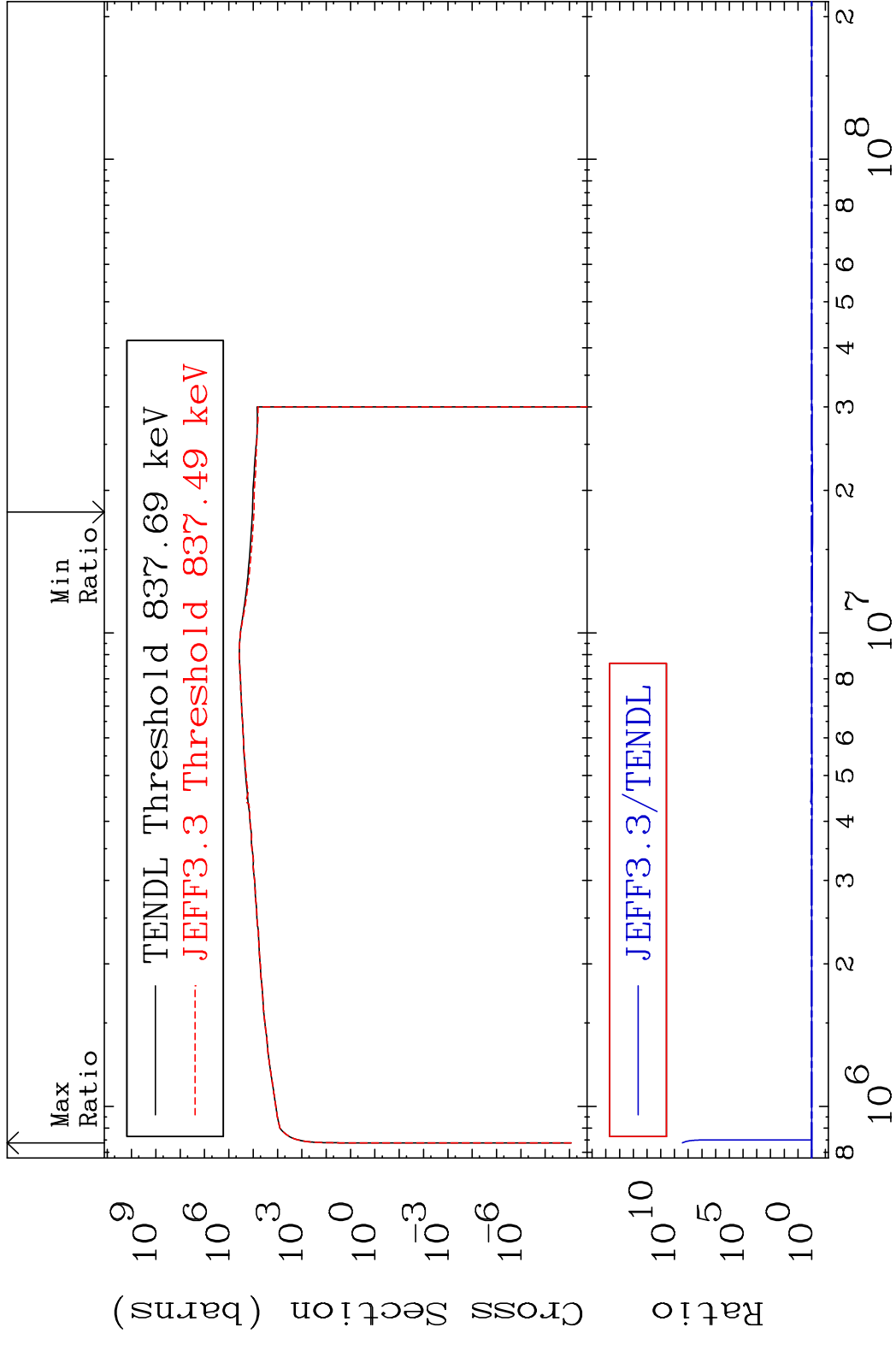
Kerma elastic Cross Section -100.0 To 9999. %
26-Fe-60



MAT 2643 Kerma non-elastic (all but mt2) 26-Fe-60
 Cross Section -100.0 To 9999. %

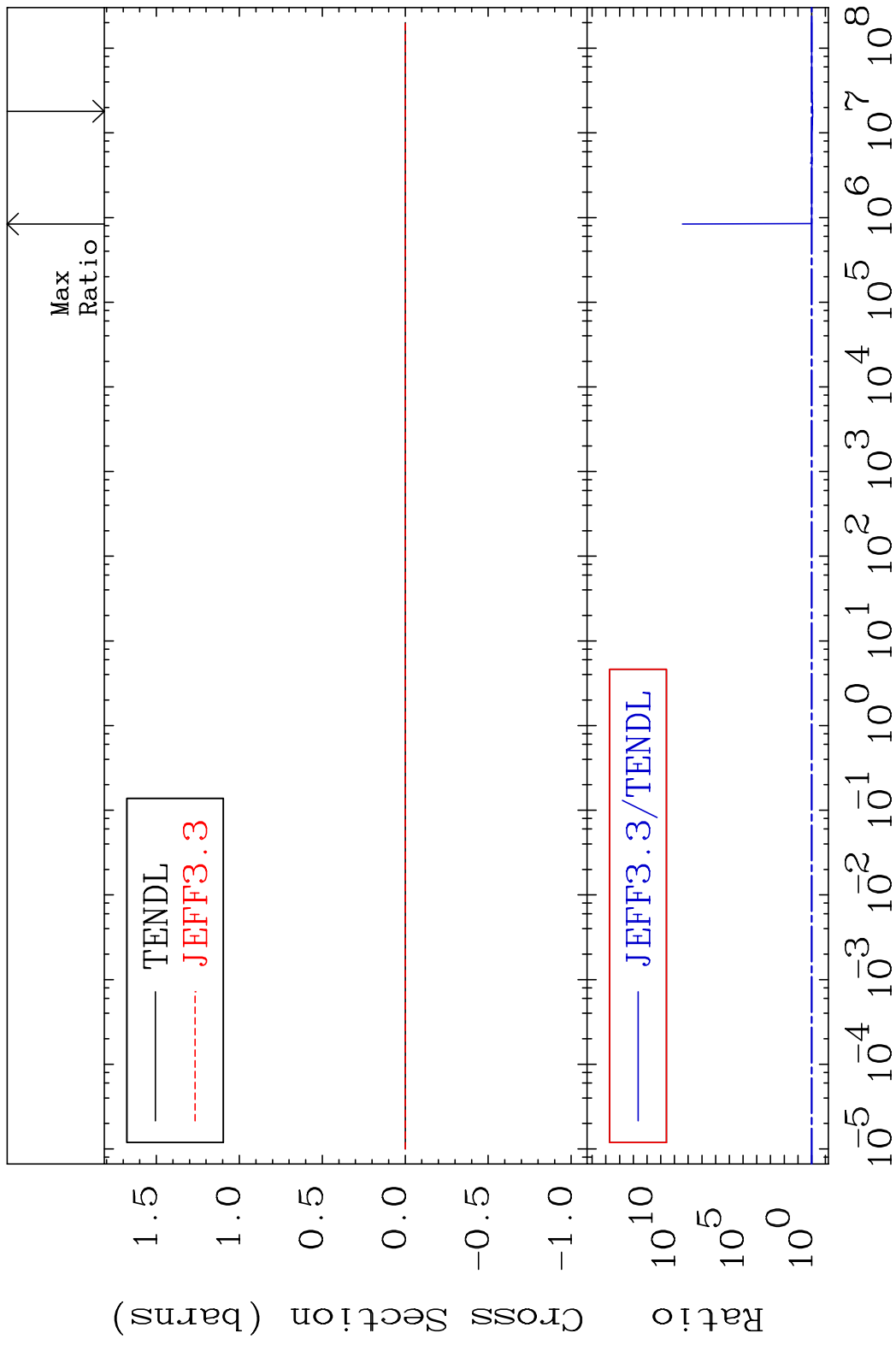


MAT 2643 Kerma inelastic (mt51-91) 26-Fe-60
 Cross Section -13.43 To 9999. %



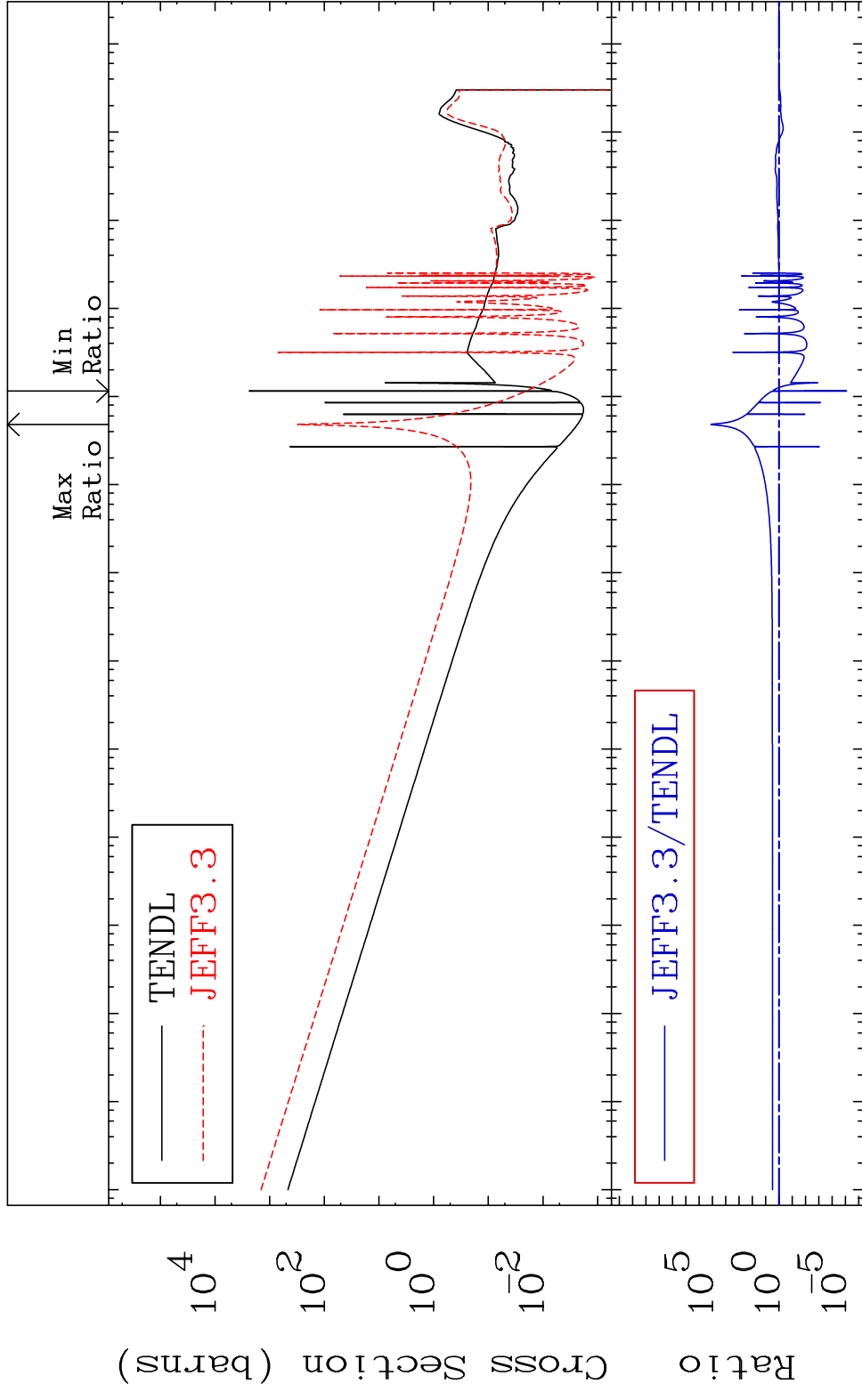
70 Incident Energy (eV) 26-Fe-60

MAT 2643 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-60
 Cross Section -13.43 To 9999. %



MAT 2643

Kerma capture (mt102) 26-Fe-60
Cross Section -100.0 To 9999. %

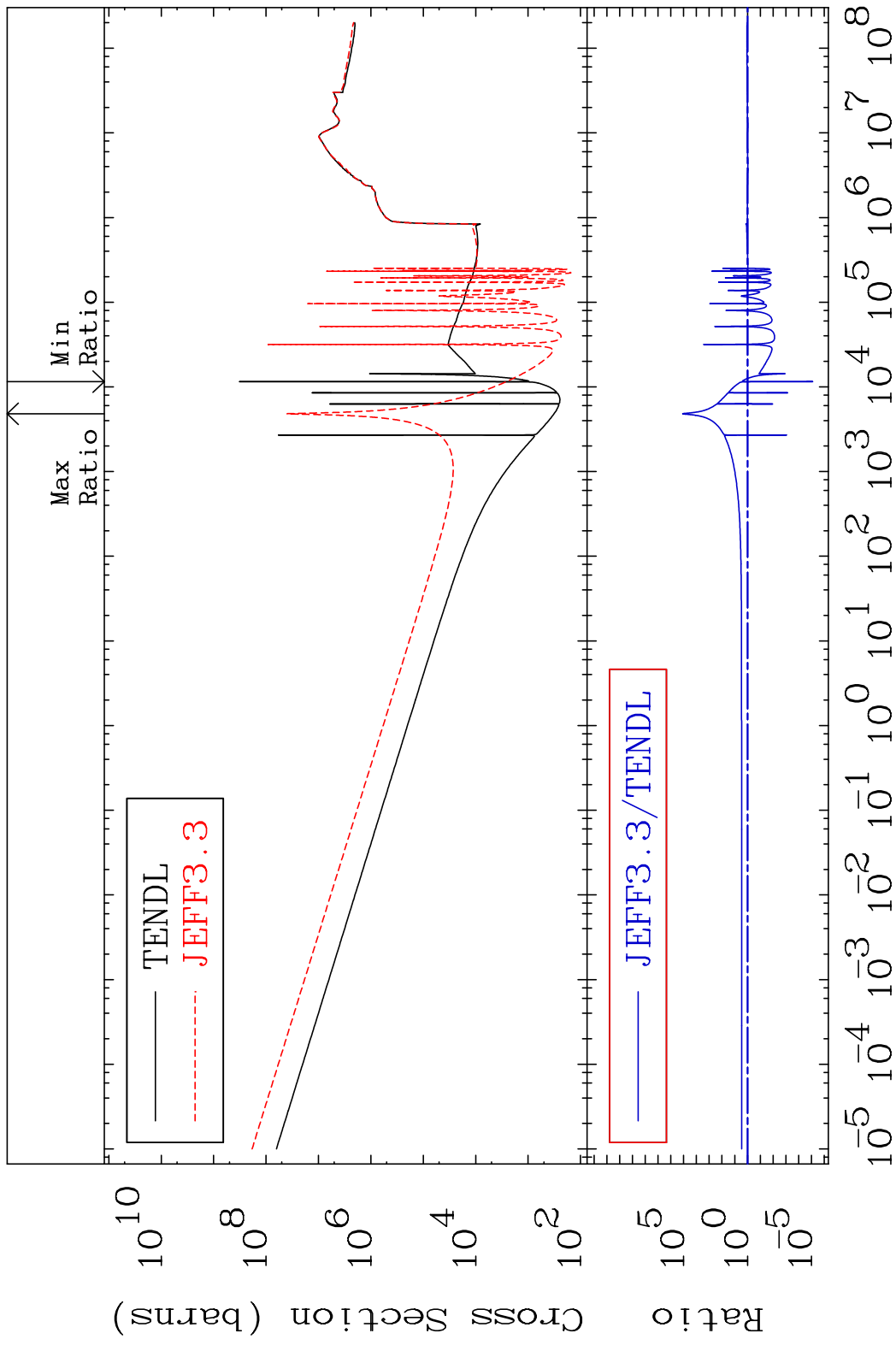


72

Incident Energy (eV)

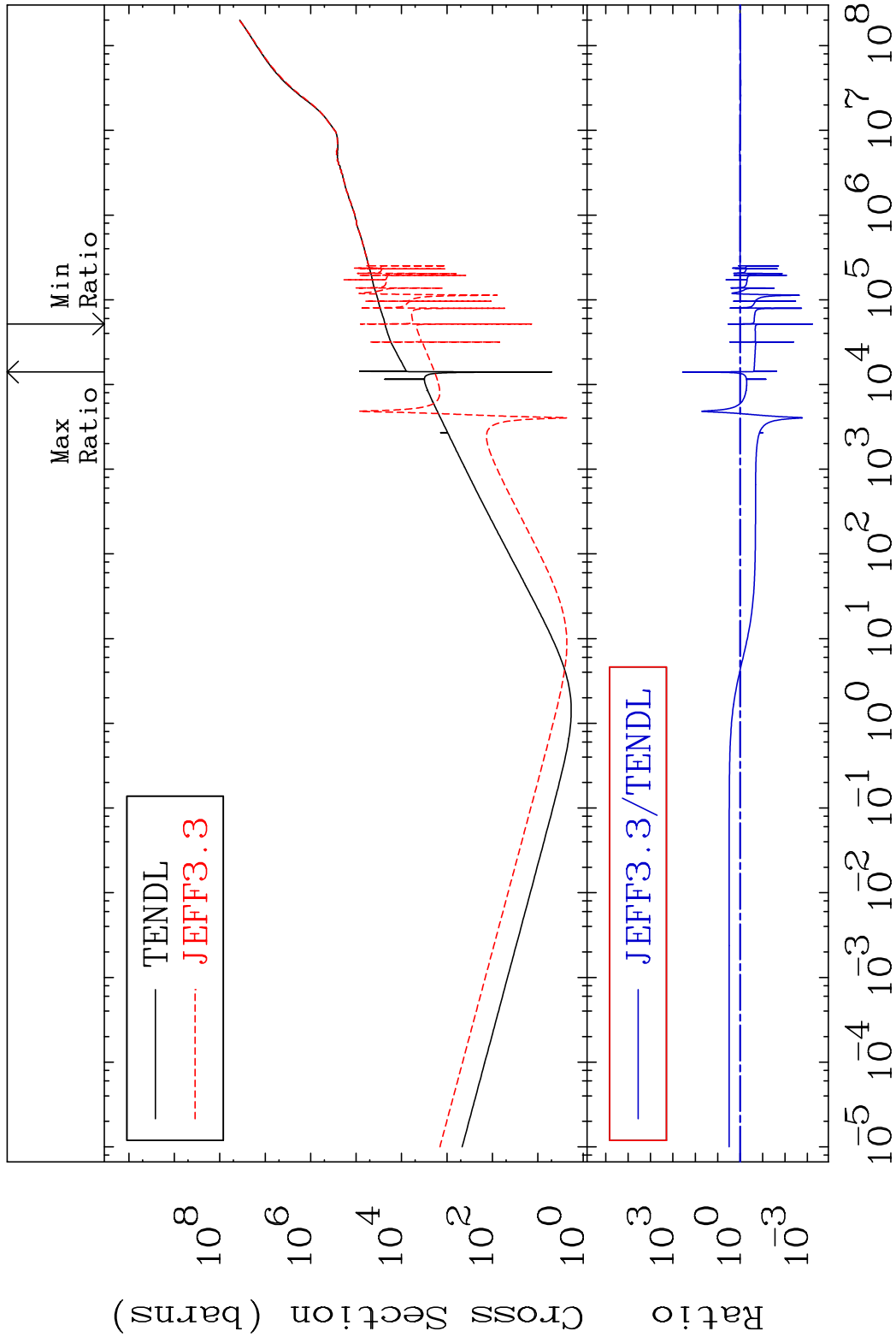
26-Fe-60

MAT 2643 Total photon (eV-barns) 26-Fe-60
 Cross Section -100.0 To 9999. %



73 Incident Energy (eV) 26-Fe-60

MAT 2643 Total kinematic kerma (high limit) 26-Fe-60
 Cross Section -99.94 To 9999. %

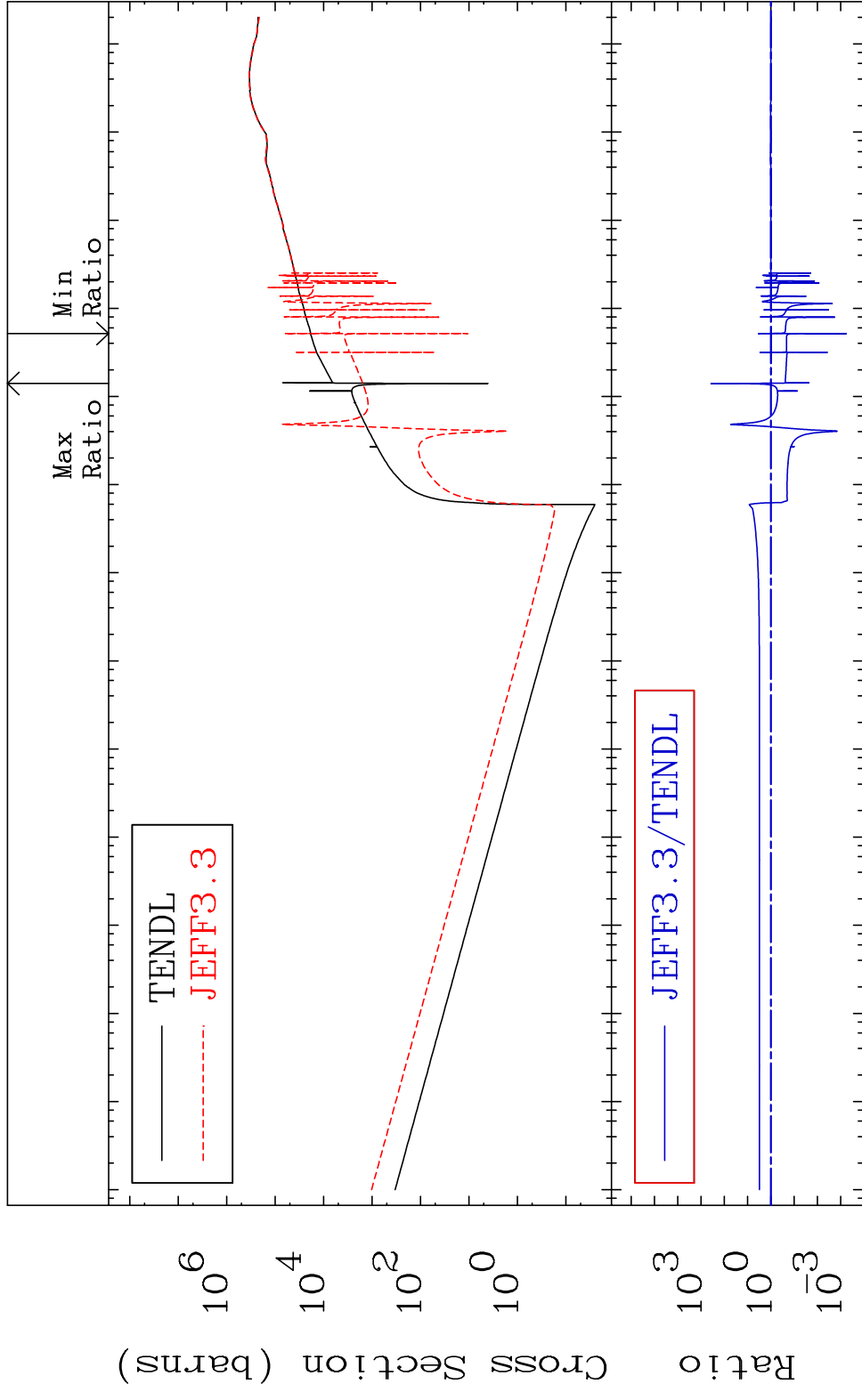


MAT 2643

Dpa total (eV-barns)

26-Fe-60

Cross Section -99.94 To 9999. %



75

Incident Energy (eV)

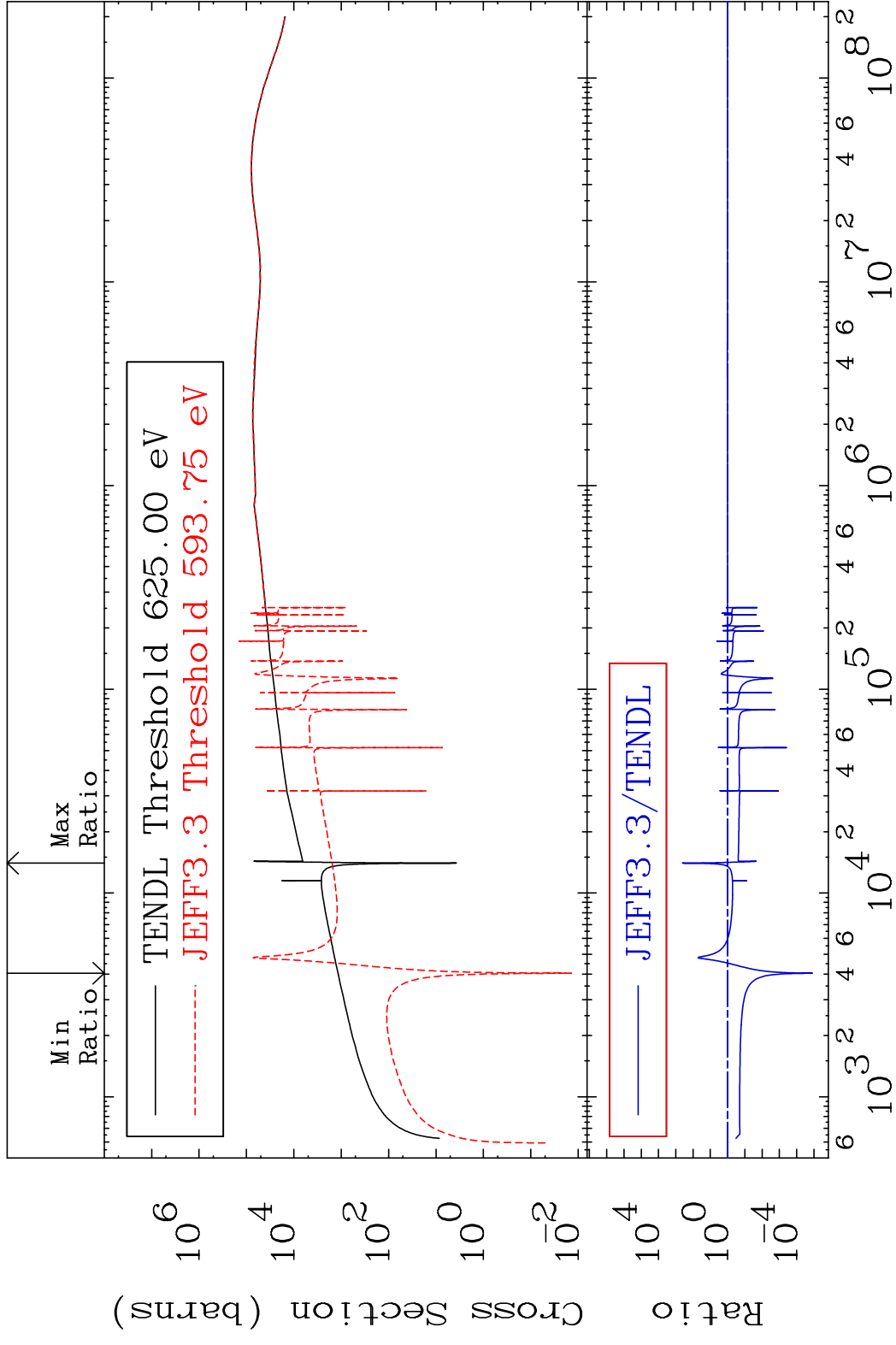
26-Fe-60

MAT 2643

Dpa elastic (mt2)

²⁶Fe-60

Cross Section -100.0 To 9999. %

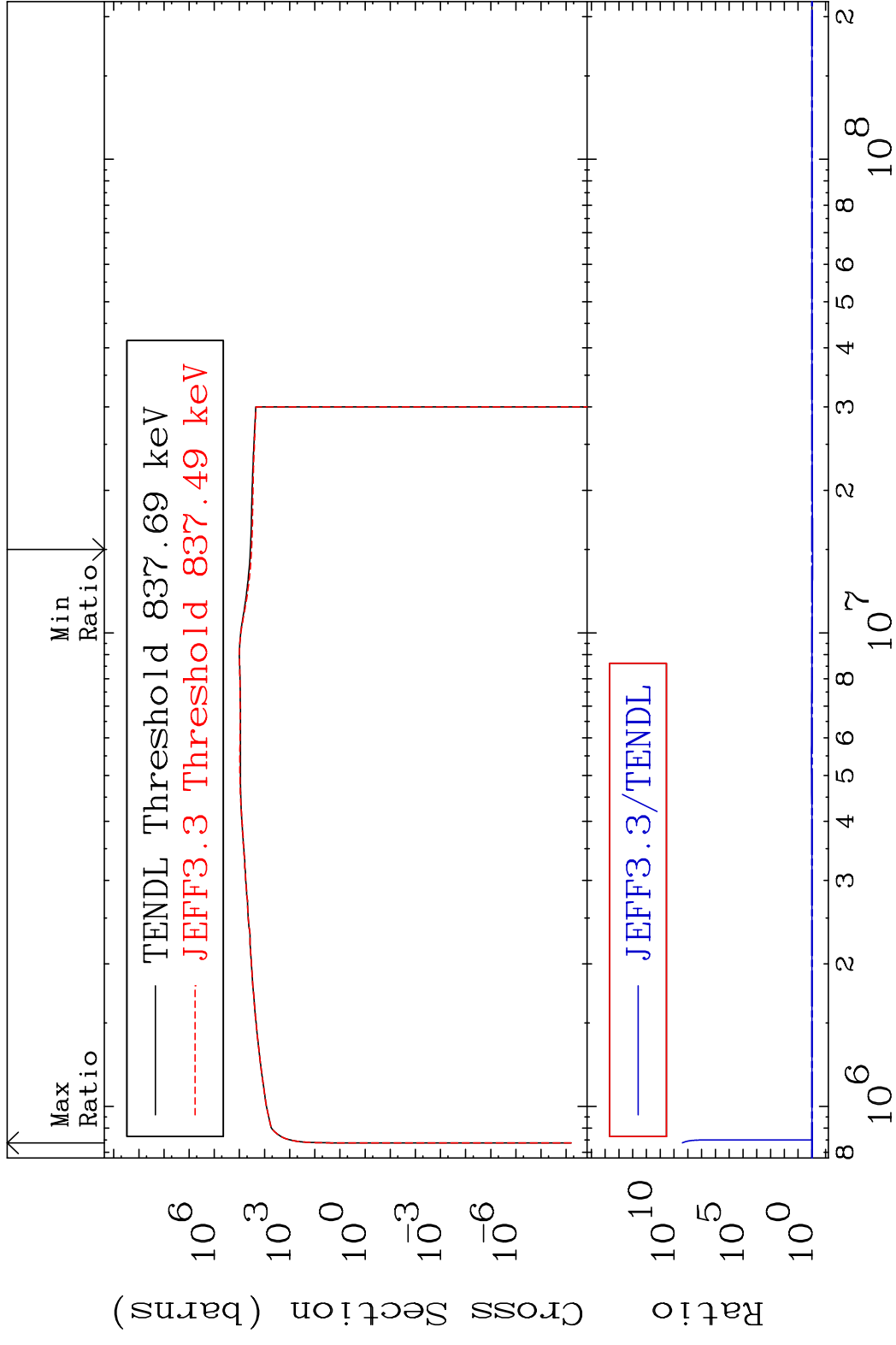


76

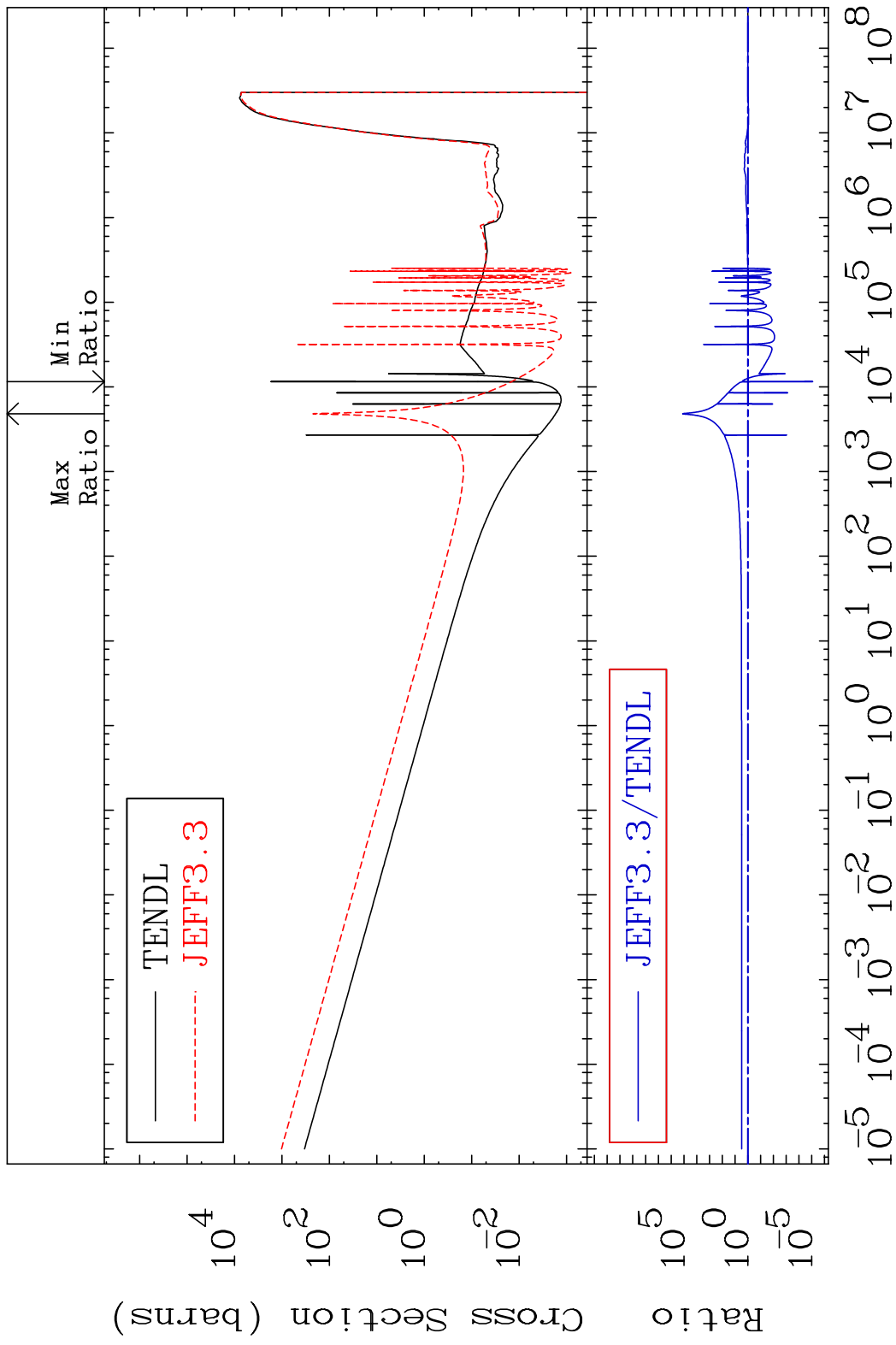
Incident Energy (eV)

²⁶Fe-60

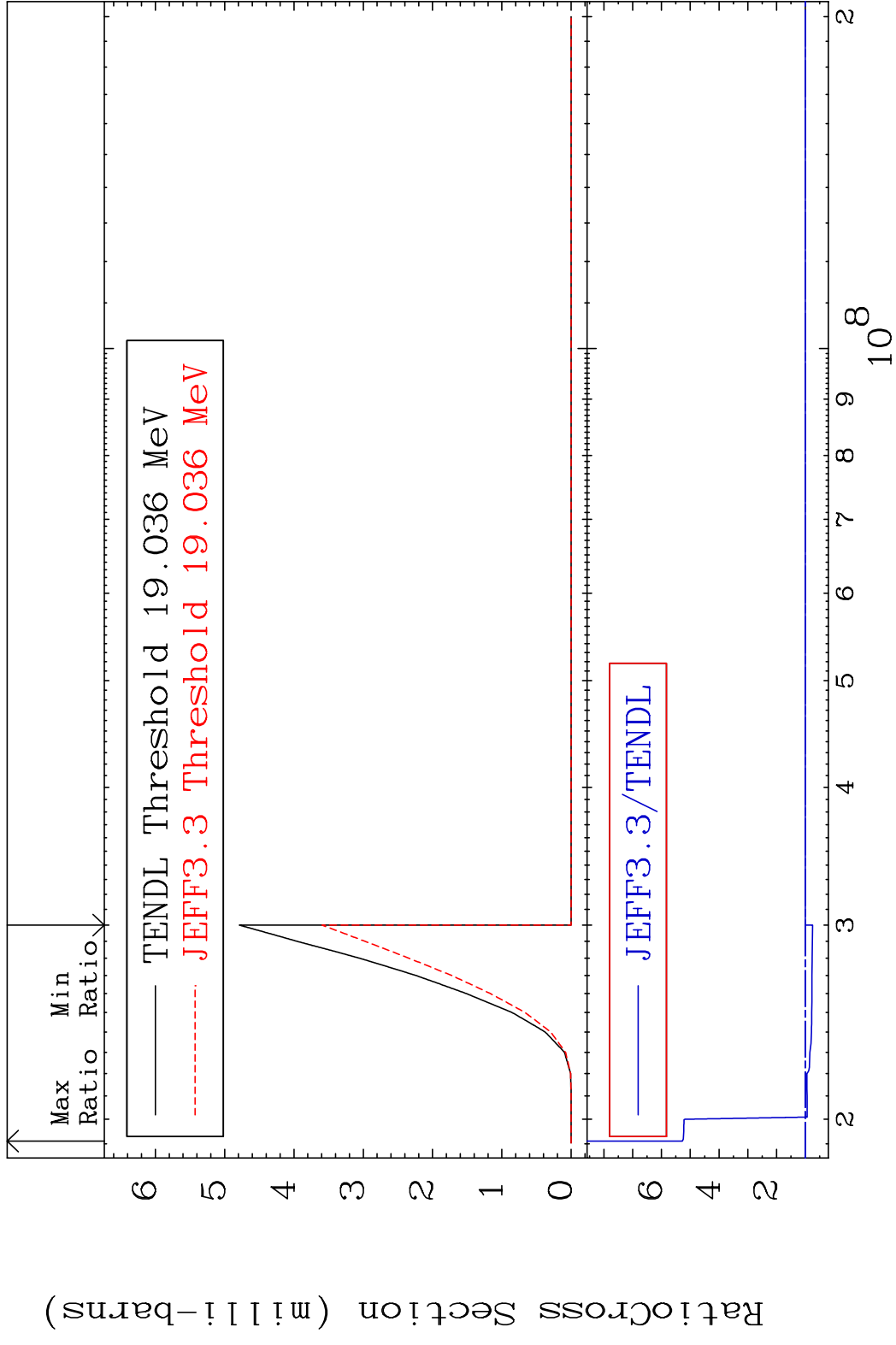
MAT 2643 Dpa inelastic (mt51-91) 26-Fe-60
 Cross Section -10.50 To 9999. %



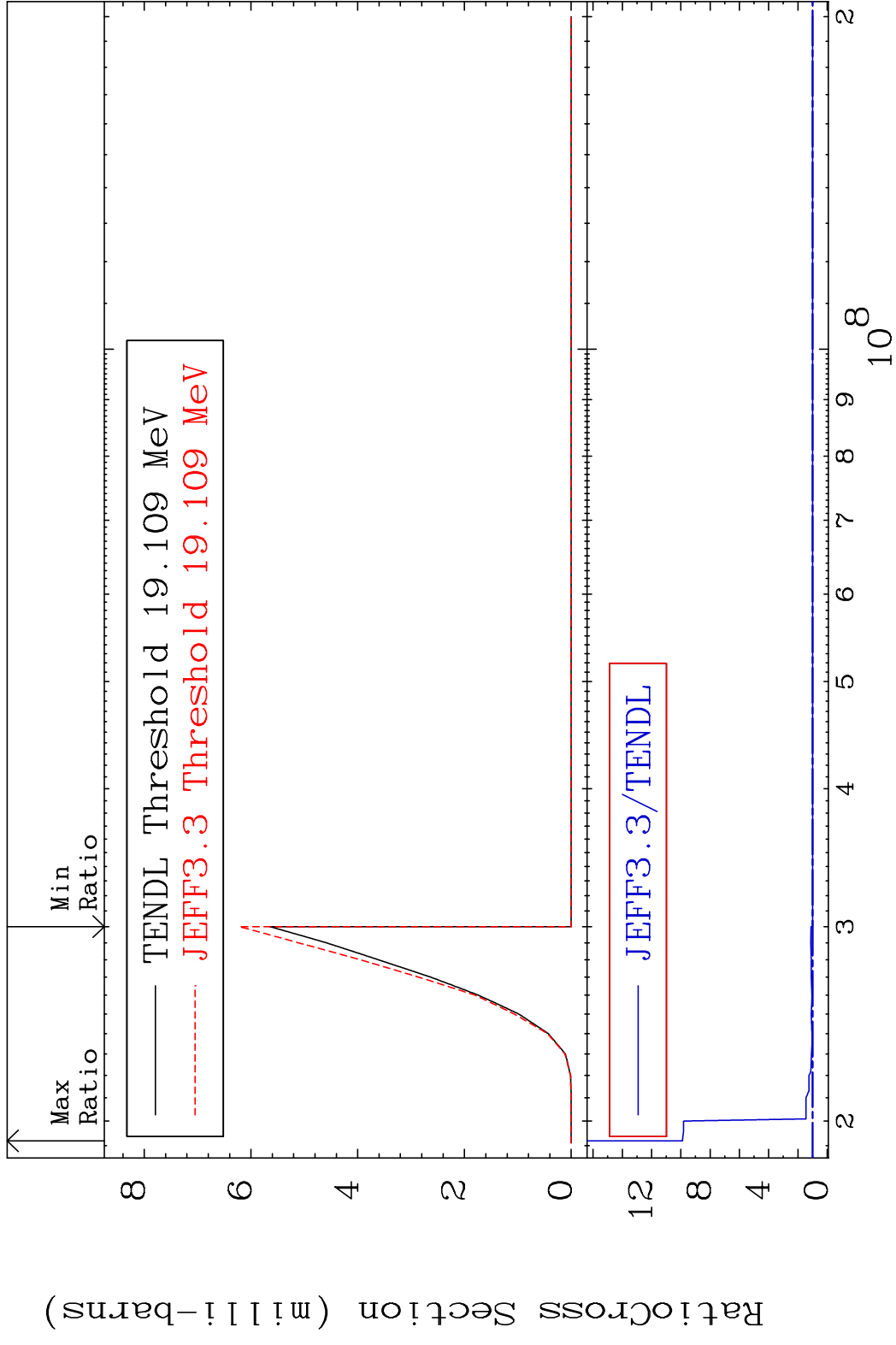
MAT 2643 Dpa disappearance (mt102 -120) 26-Fe-60
 Cross Section -100.0 To 9999. %

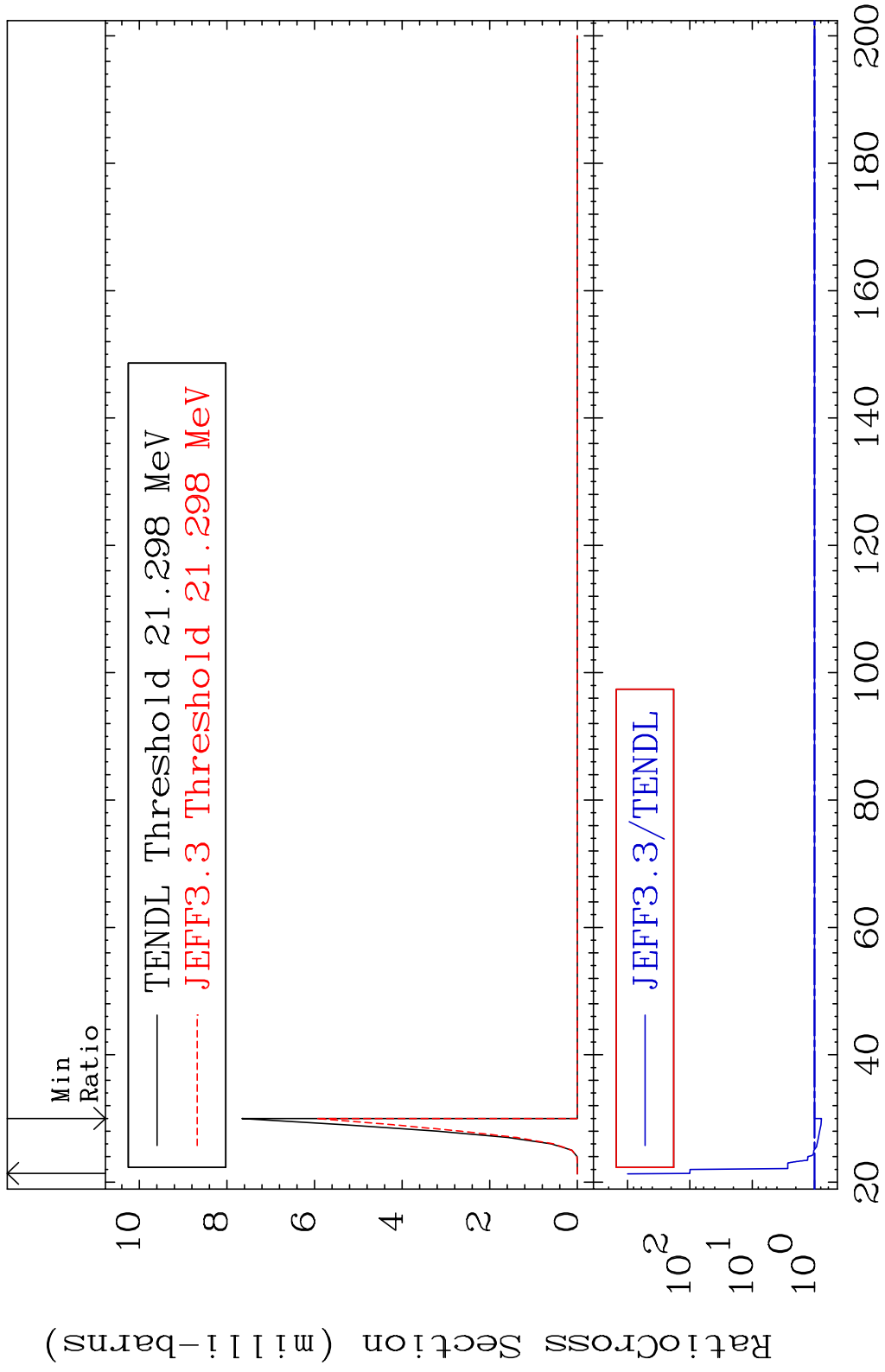


MAT 2643 (n, n') d:25-Mn-58g 26-Fe-60
 Radionuclide Production Cross Section 427.4 %

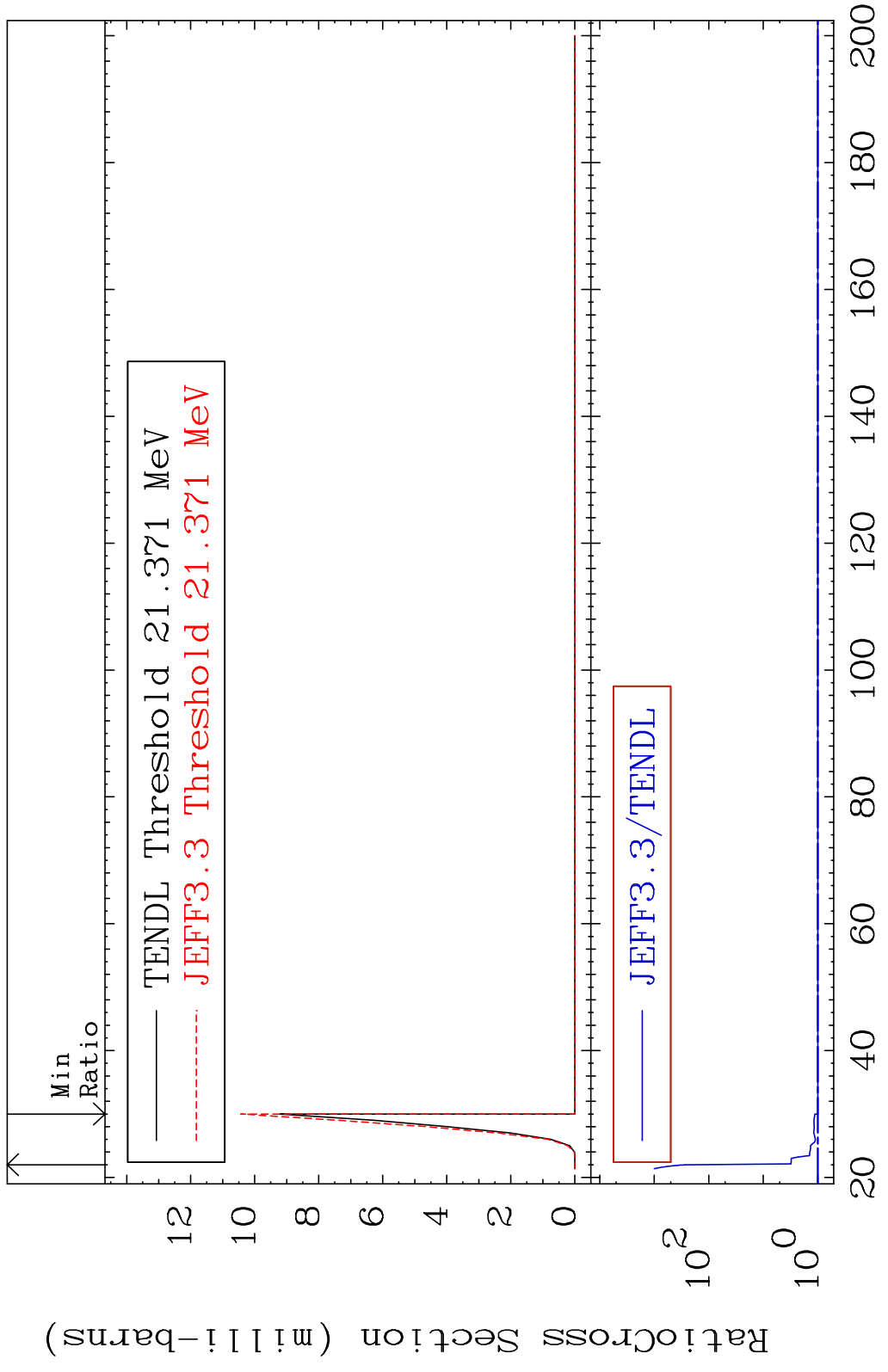


MAT 2643 (n, n') d:25-Mn-58m1 26-Fe-60
 Radionuclide Production Cross Section 889.6 %

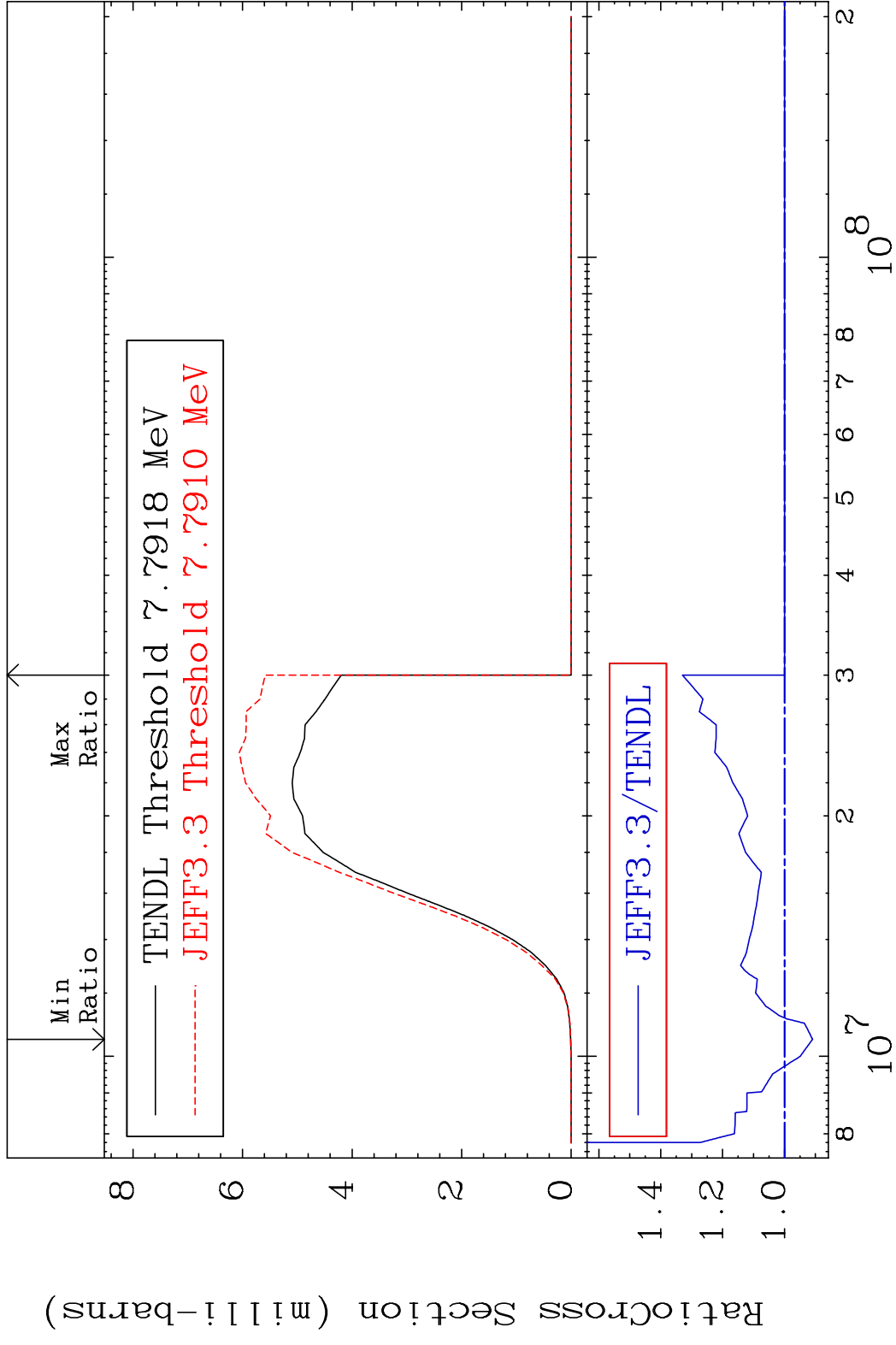




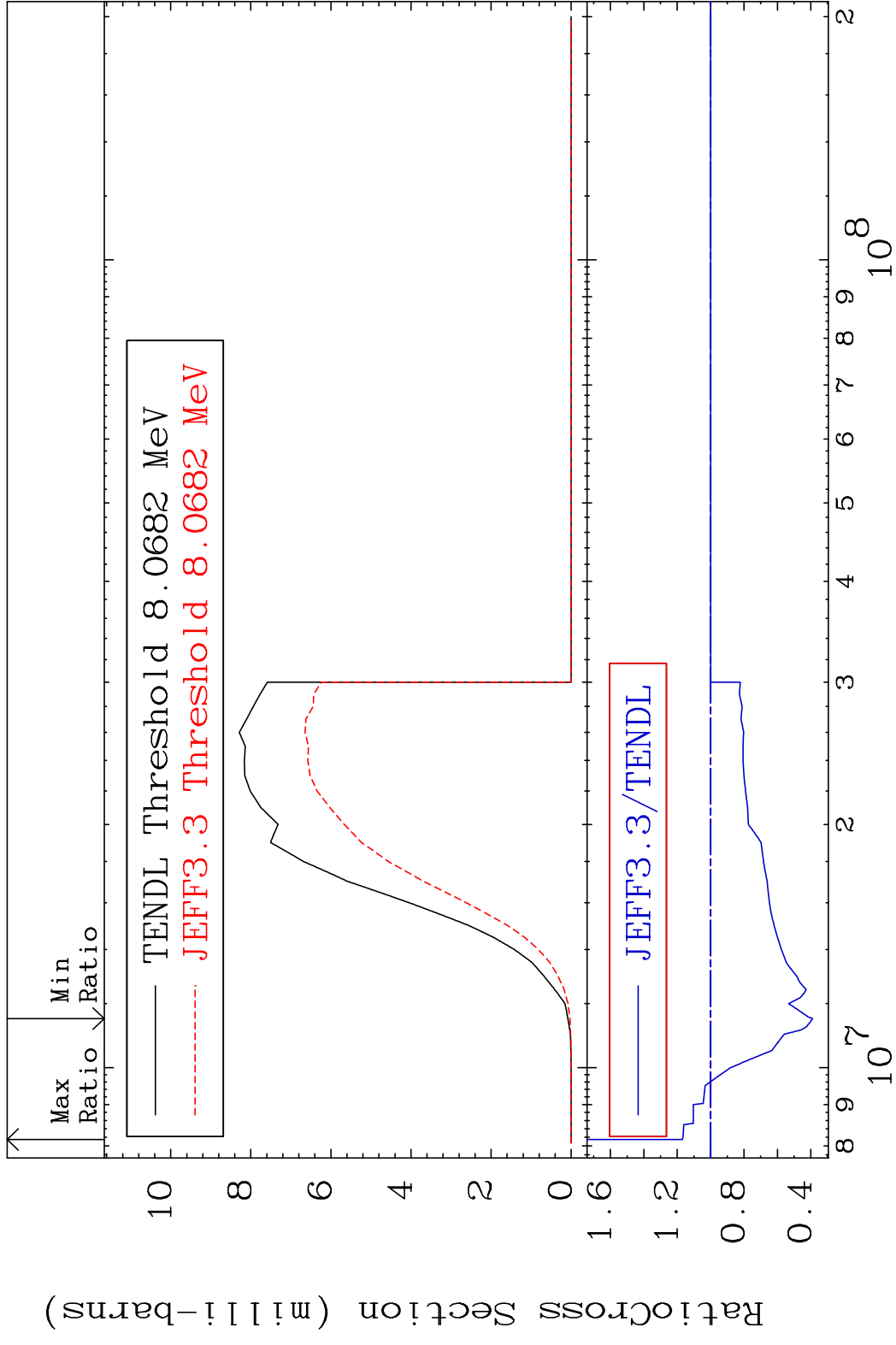
MAT 2643 (n,2n) p:25-Mn-58m1 26-Fe-60
 Radionuclide Production Cross Section 9999. %

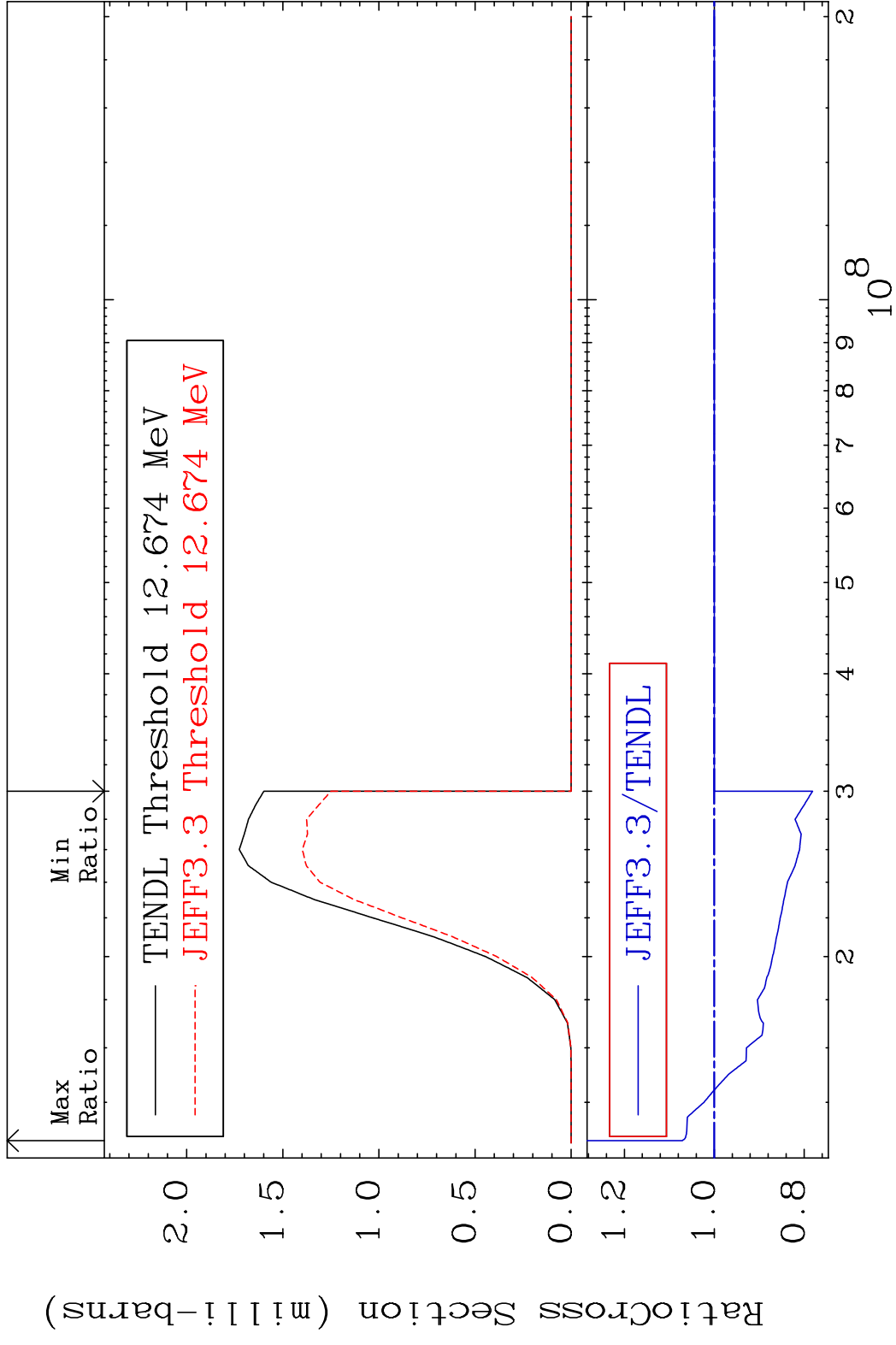


MAT 2643 (n, p): 25-Mn-60g 26-Fe-60
 Radionuclide Production Cross Section 33.02 %



MAT 2643 (n,p):25-Mn-60m1 26-Fe-60
 Radionuclide Production Cross Section 16.93 %





MAT 2643 (n, t):25-Mn-58m1 26-Fe-60
 Radionuclide Production Cross Section 17.34 %

