

Program Complot
(Version 2021-1)

by

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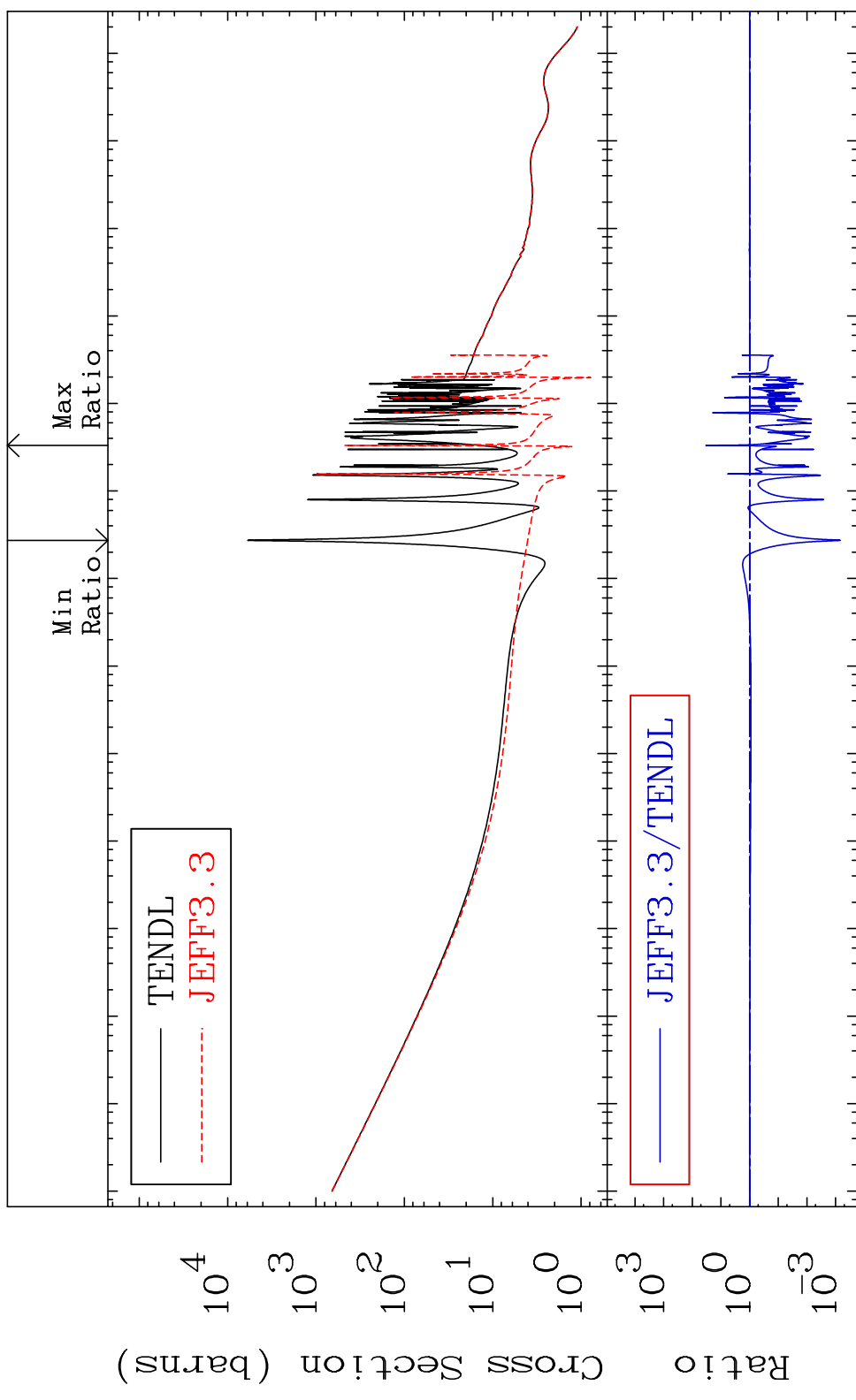
Press Mouse Button to Start

MAT 2640

Total

26-Fe-59

Cross Section -99.93 To 3287. %



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

1

Incident Energy (eV)

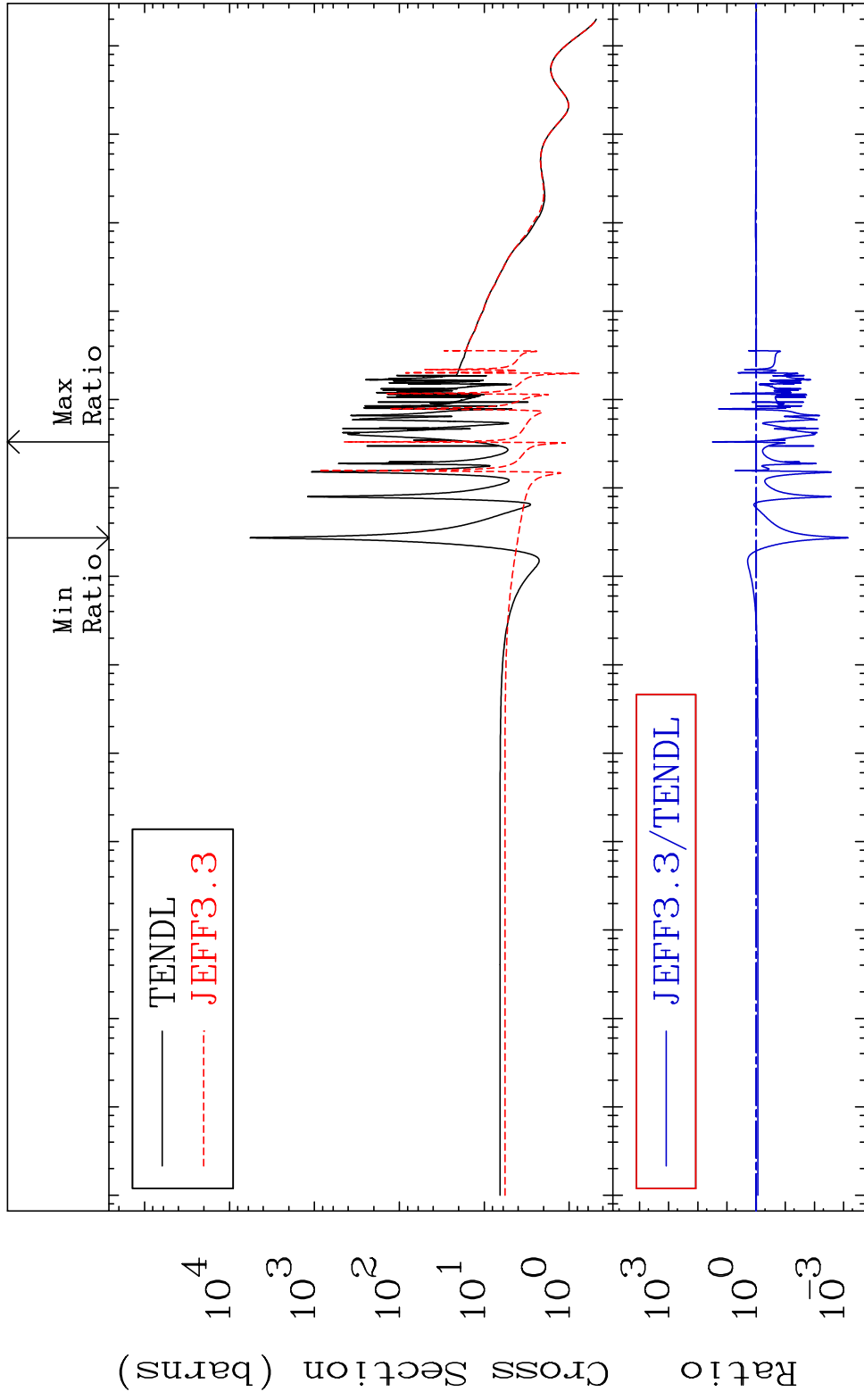
26-Fe-59

MAT 2640

Elastic

26-Fe-59

Cross Section -99.93 To 3076. %



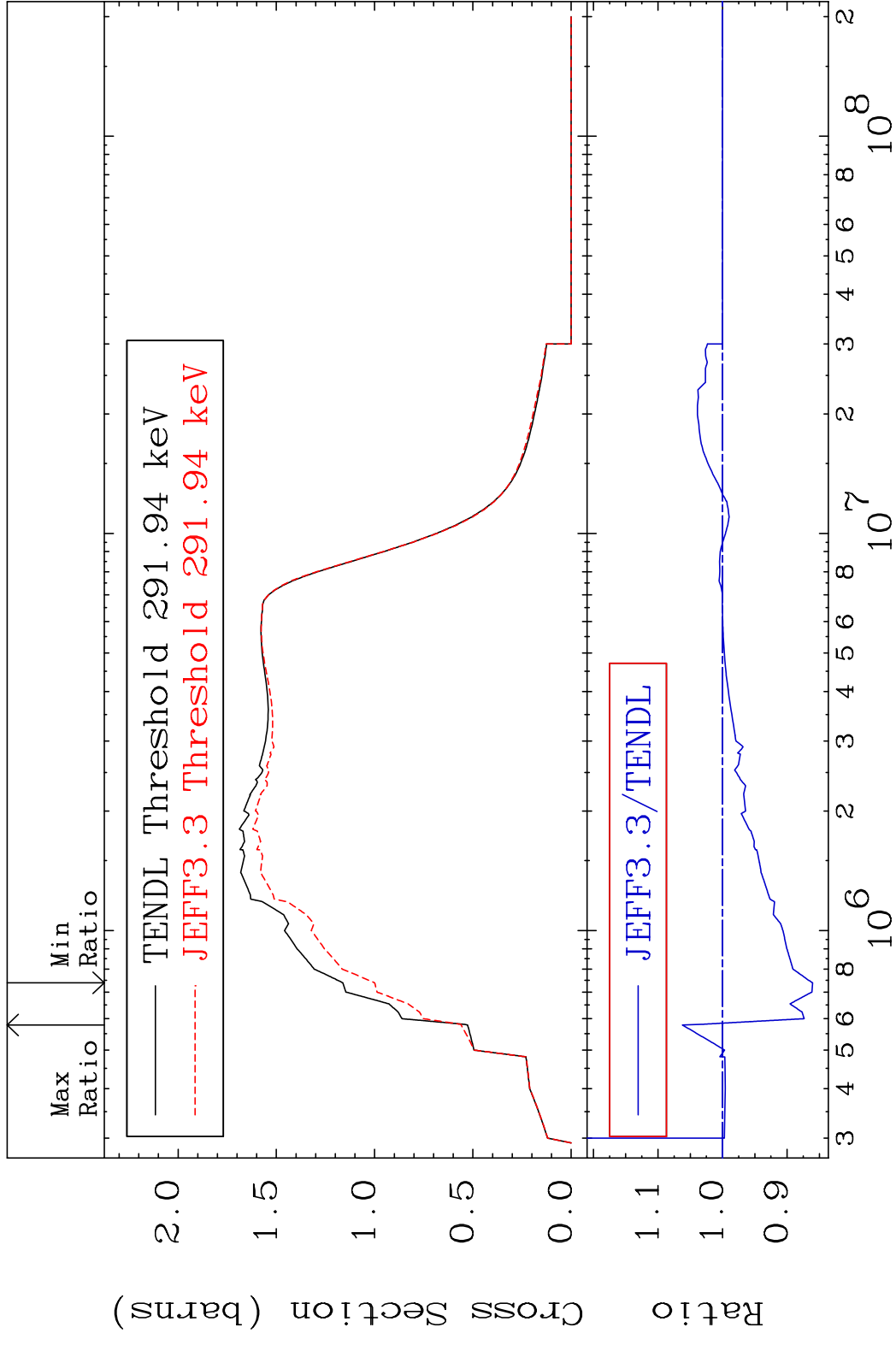
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

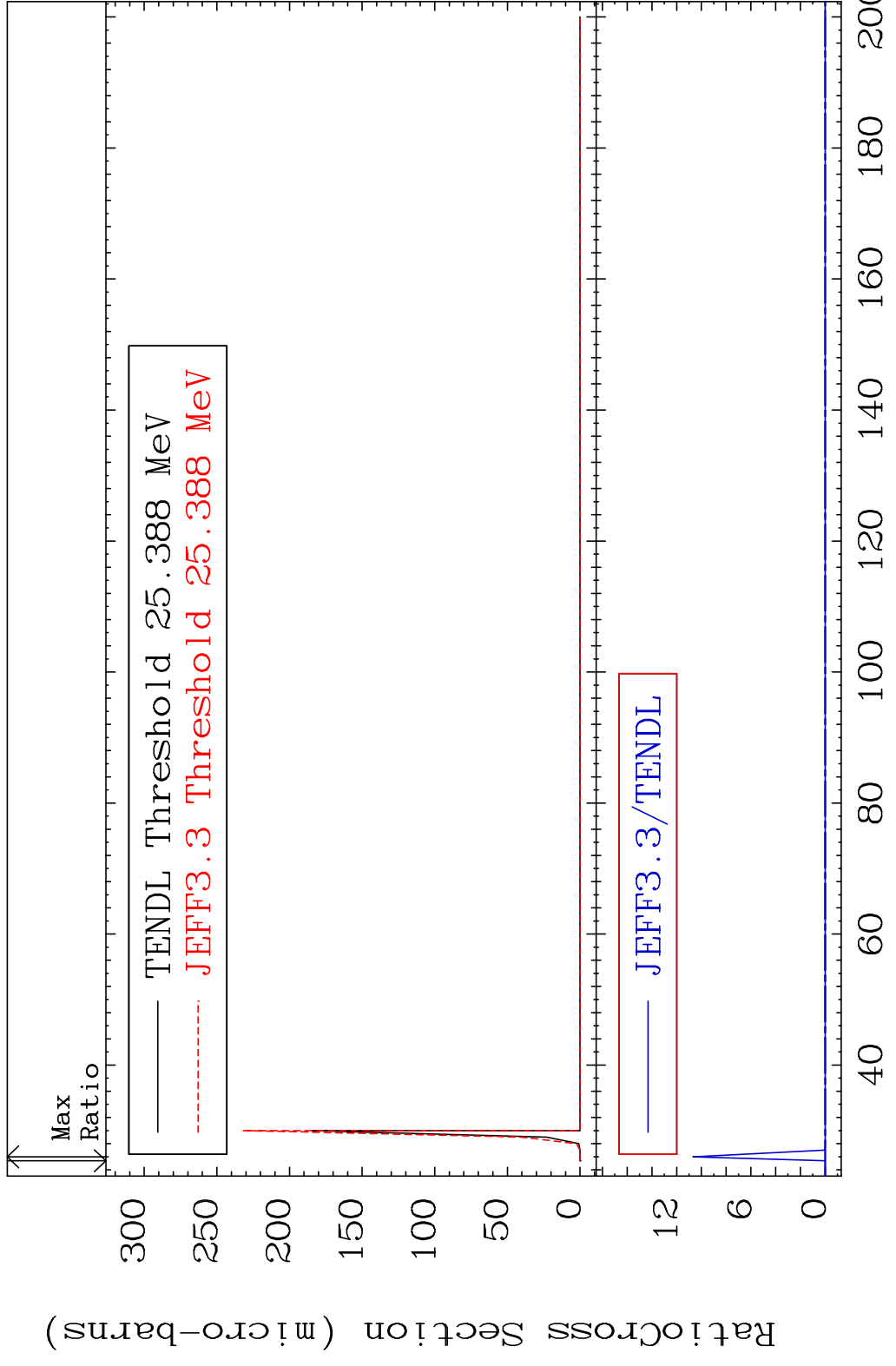
Incident Energy (eV)

26-Fe-59

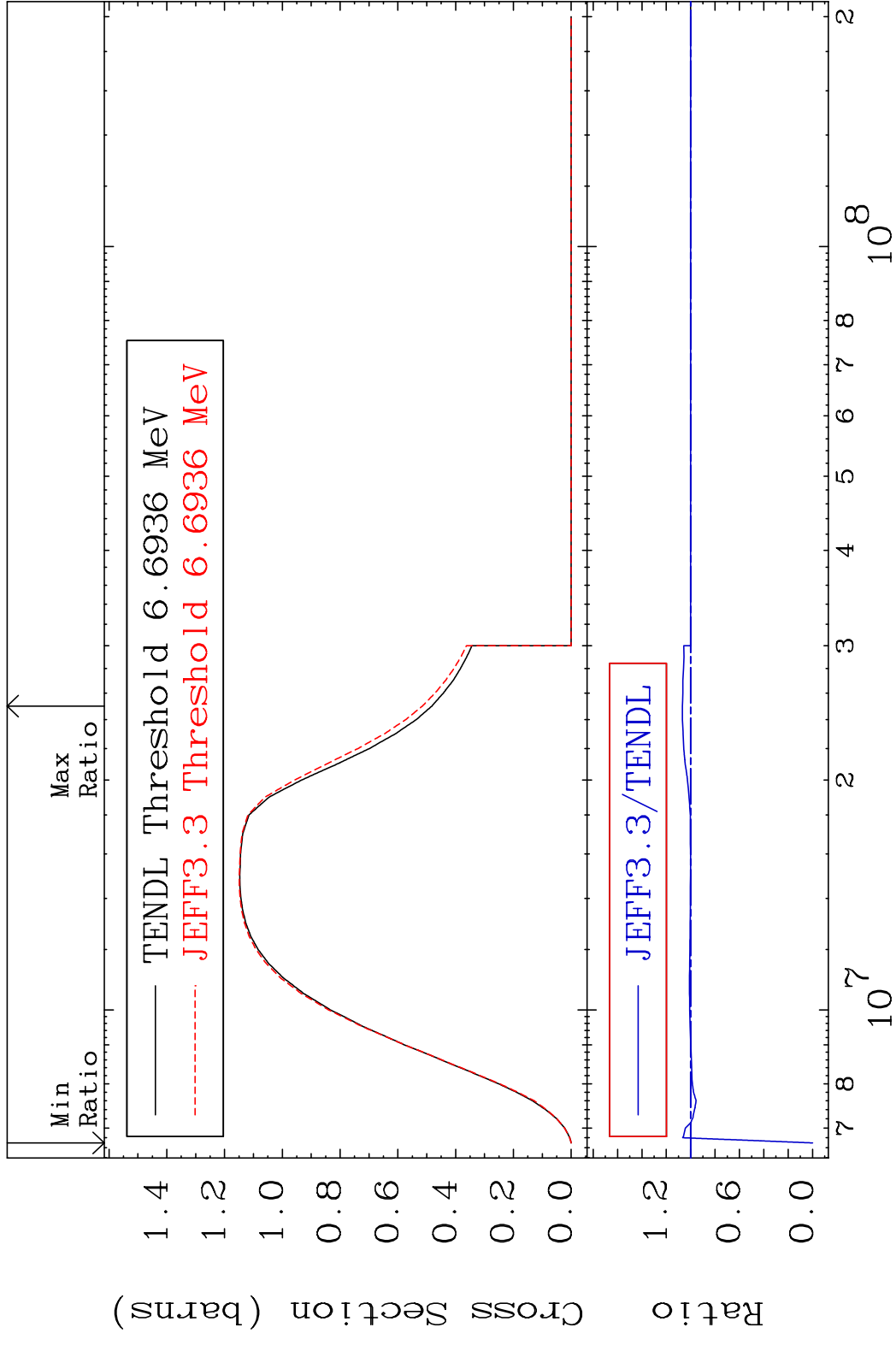
MAT 2640 Inelastic ²⁶Fe-59
 Cross Section -13.94 To 6.227 %



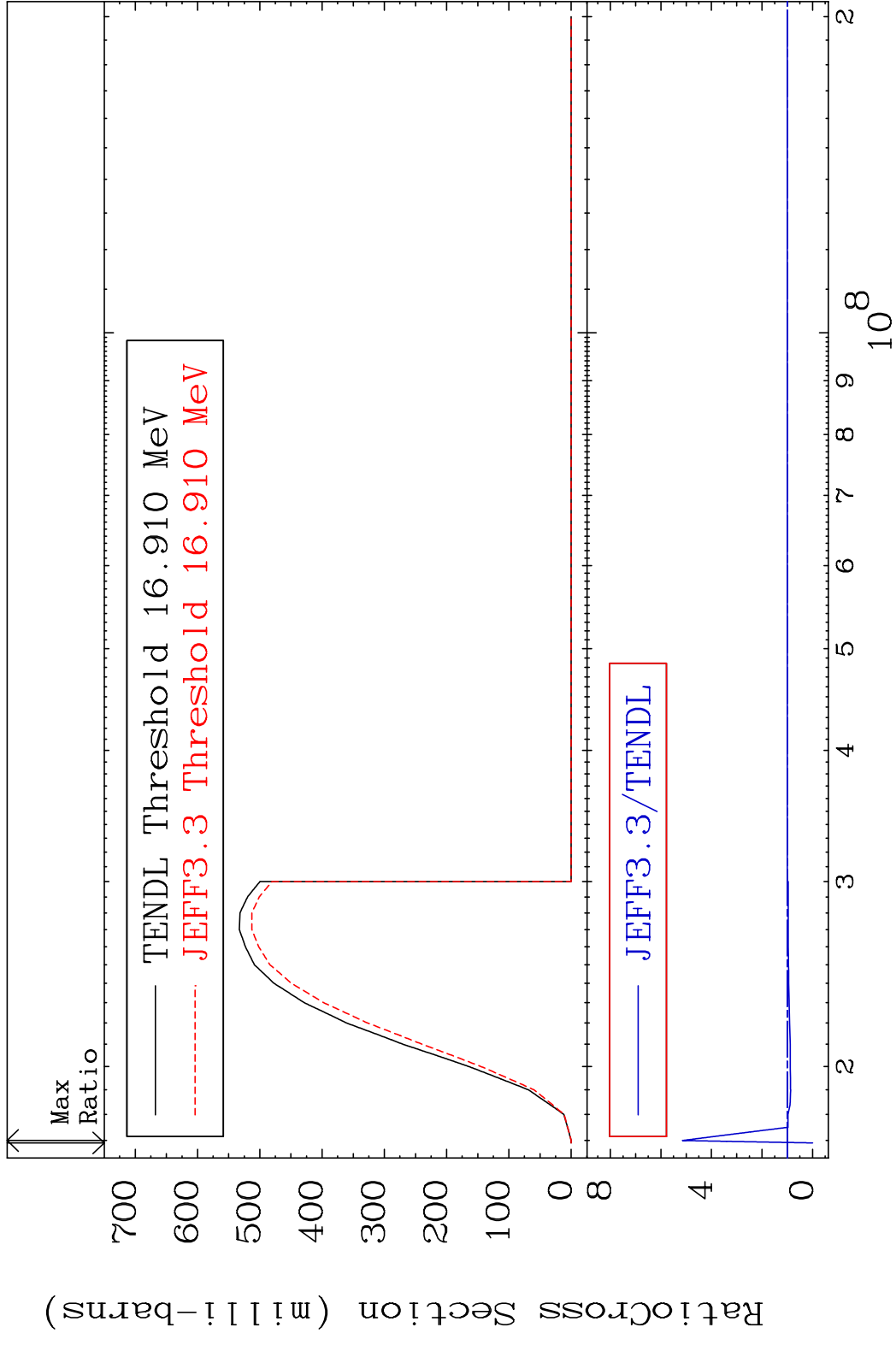
MAT 2640 (n,2n) d 26-Fe-59
Cross Section -100.0 To 9999. %



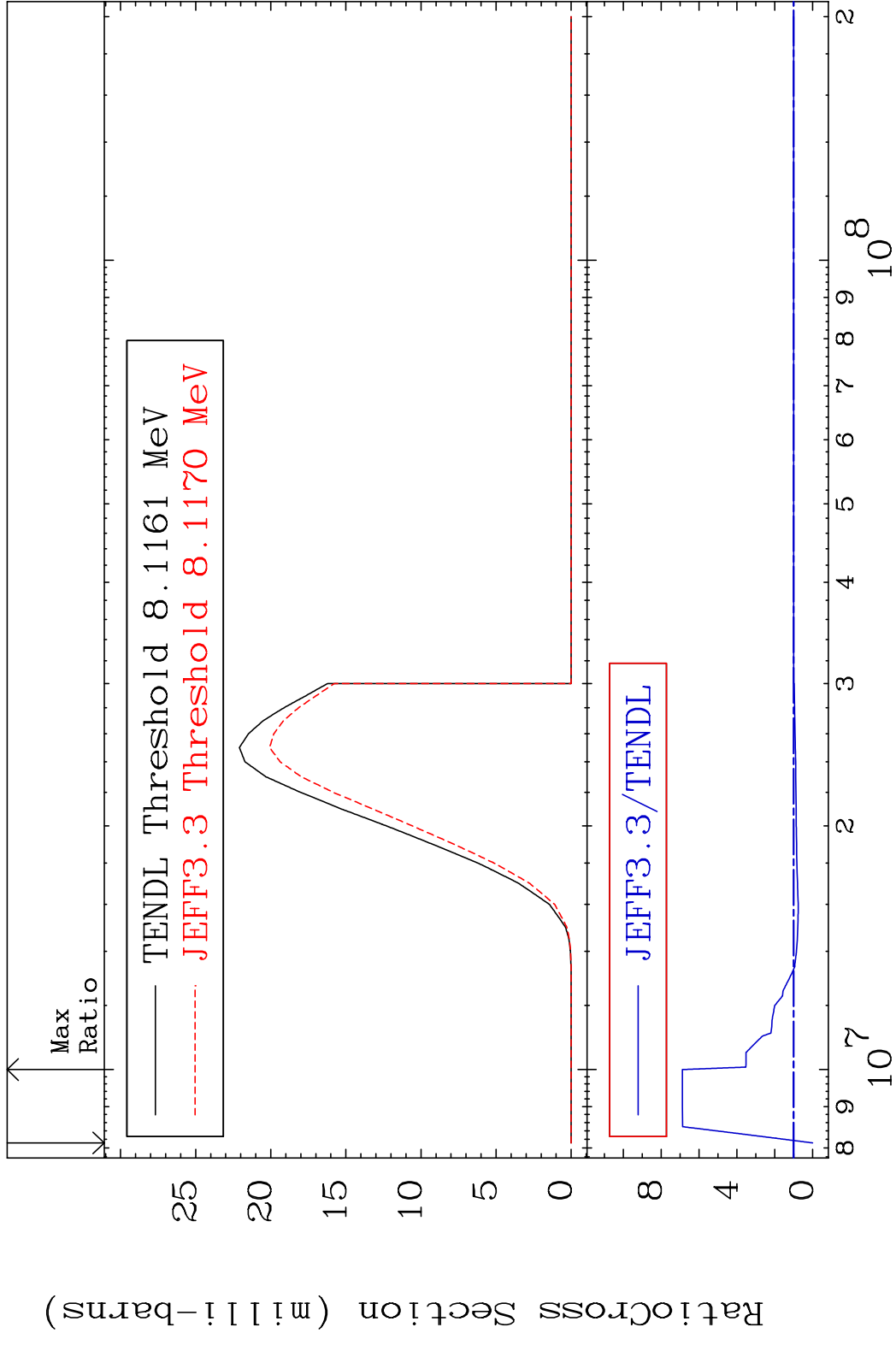
MAT 2640 (n,2n) 26-Fe-59
 Cross Section -100.0 To 6.831 %



MAT 2640 (n,3n) ²⁶Fe-59
 Cross Section -100.0 To 415.2 %

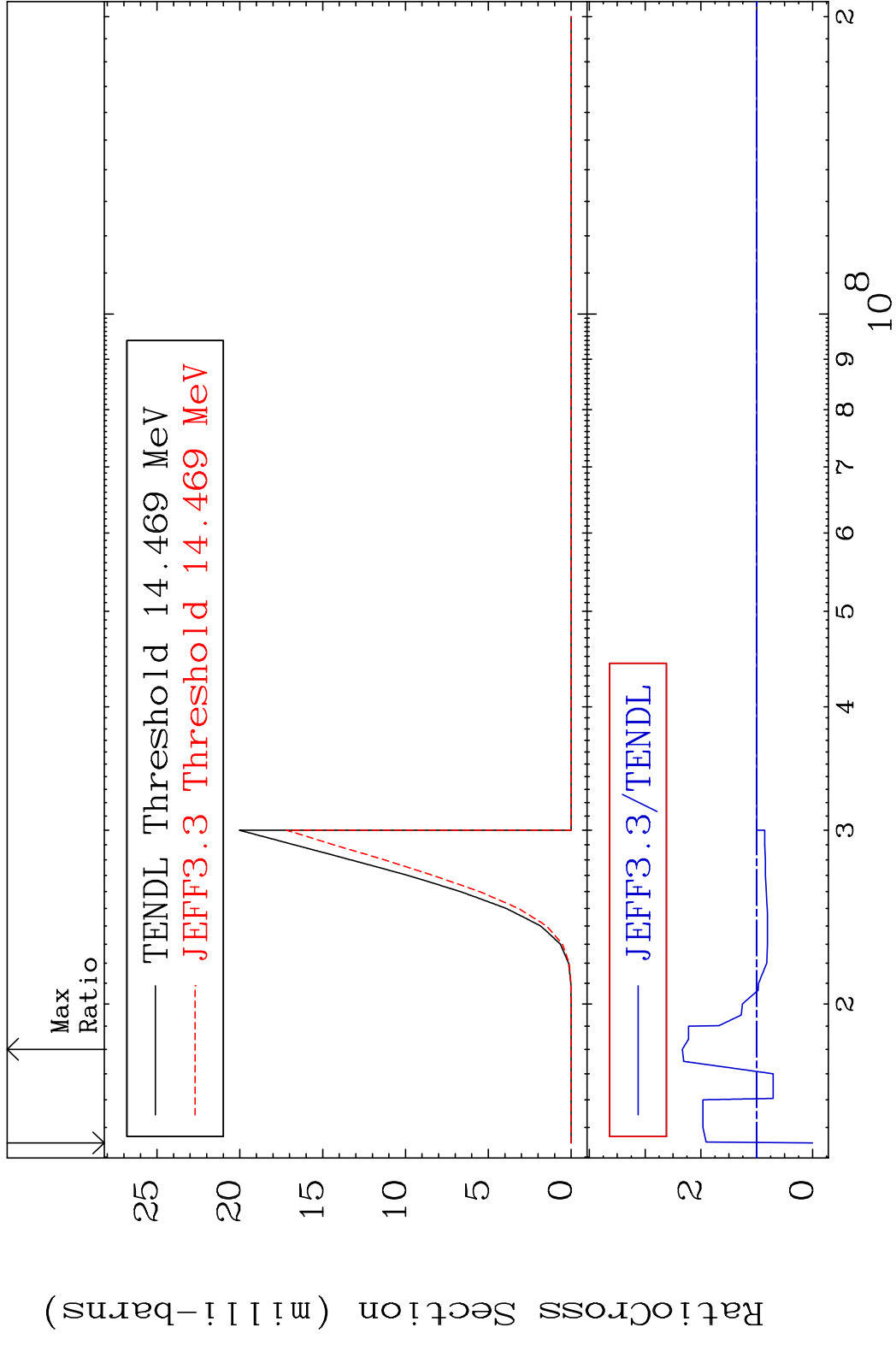


MAT 2640 (n, n') α 26-Fe-59
 Cross Section -100.0 To 588.1 %



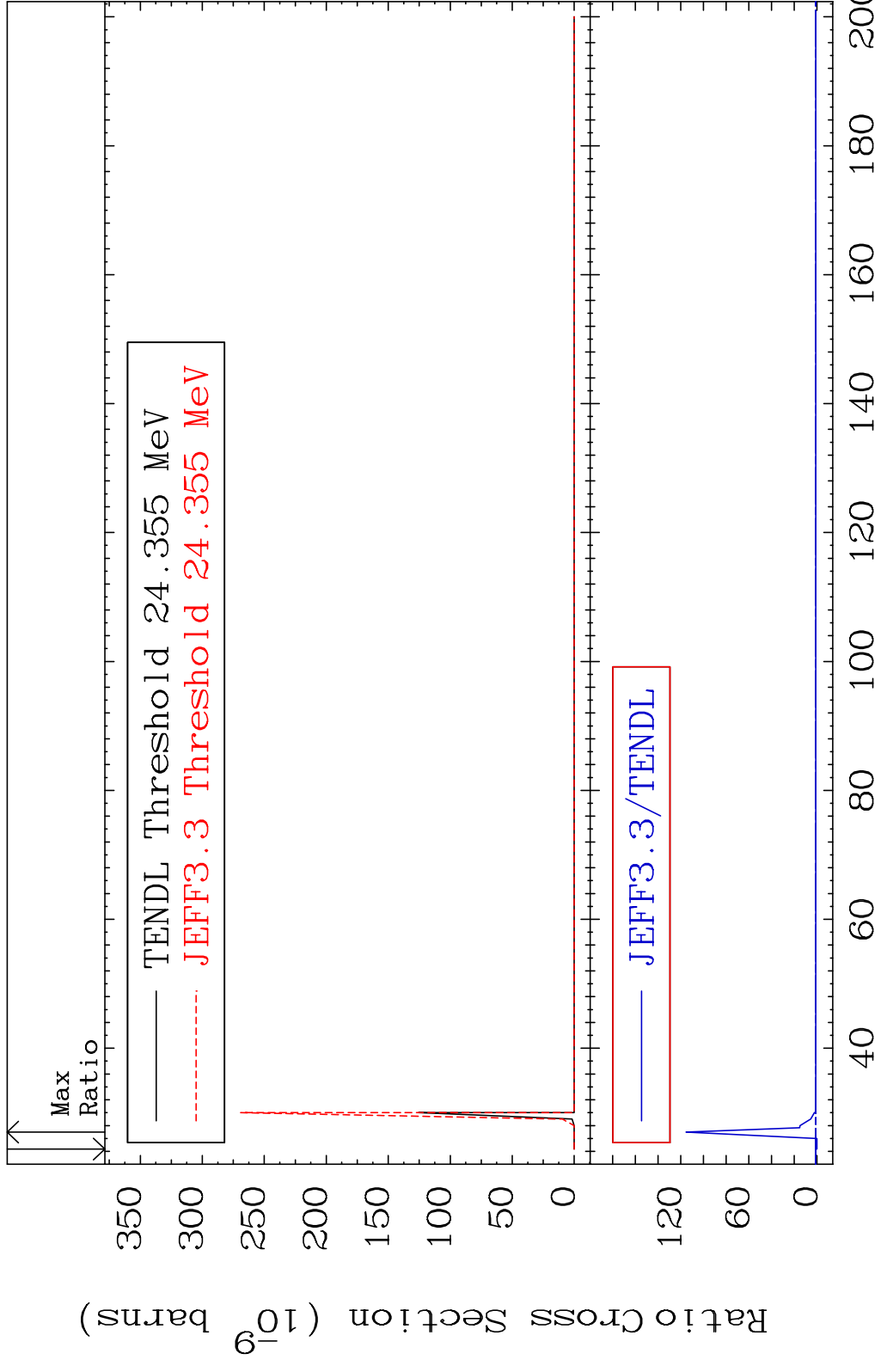
7 8 9 10 10 7 10 8 9 10 8 26-Fe-59

MAT 2640 (n,2n) α ²⁶Fe-59
 Cross Section -100.0 To 133.3 %

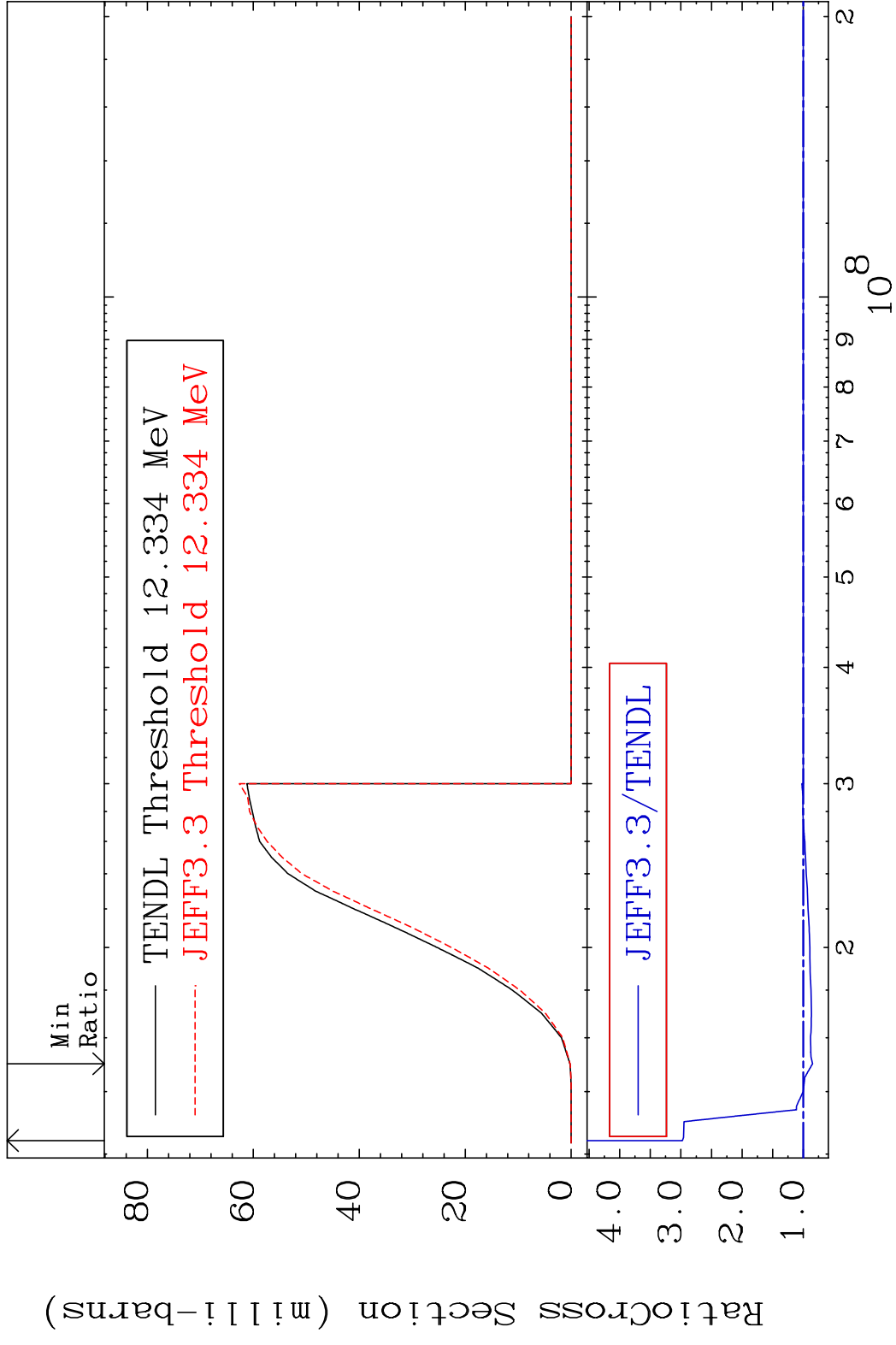


8 Incident Energy (eV) ²⁶Fe-59

MAT 2640 (n,3n) α 26-Fe-59
 Cross Section -100.0 To 9999. %

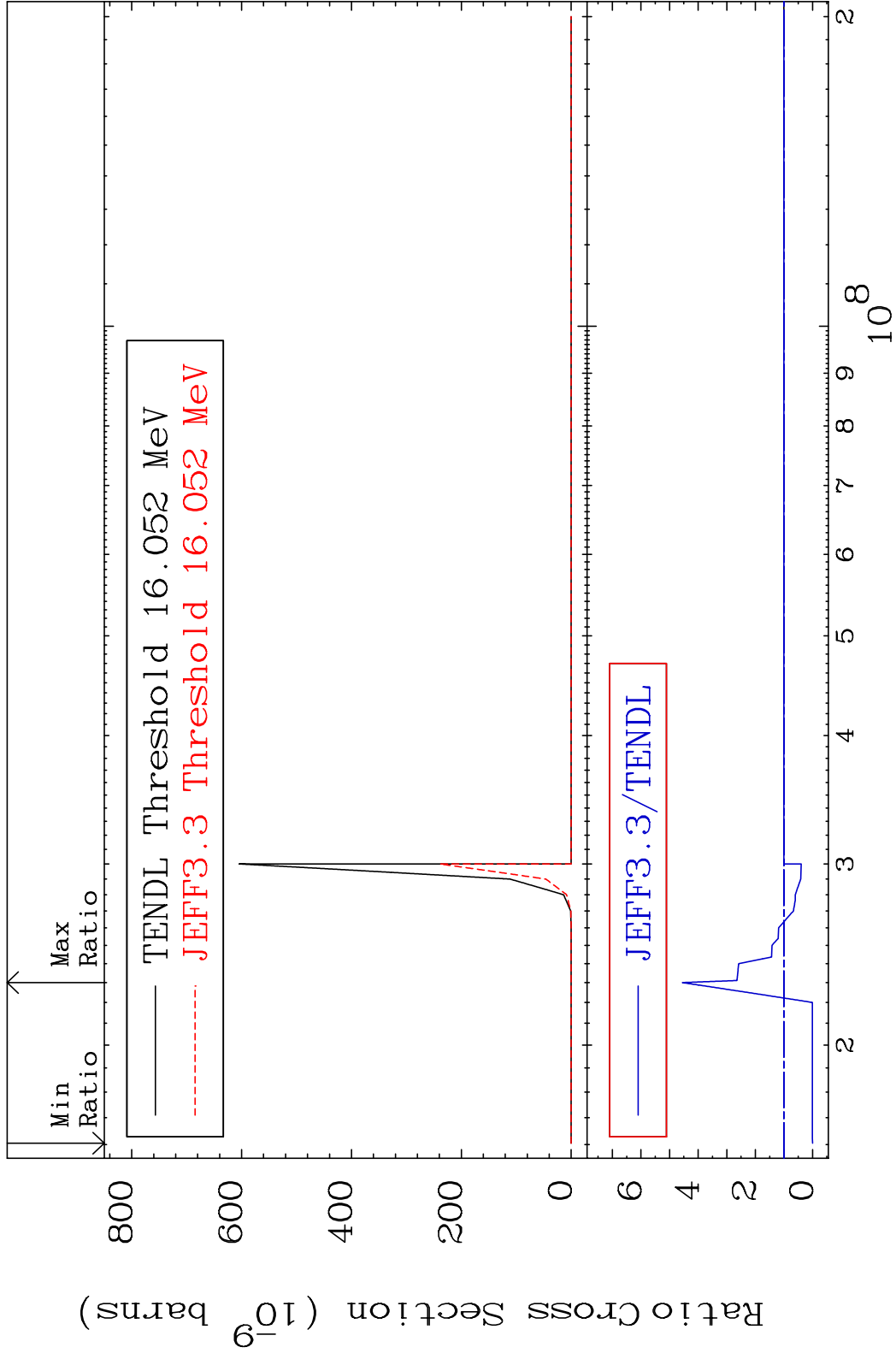


MAT 2640 (n, n') p 26-Fe-59
 Cross Section -15.15 To 197.6 %

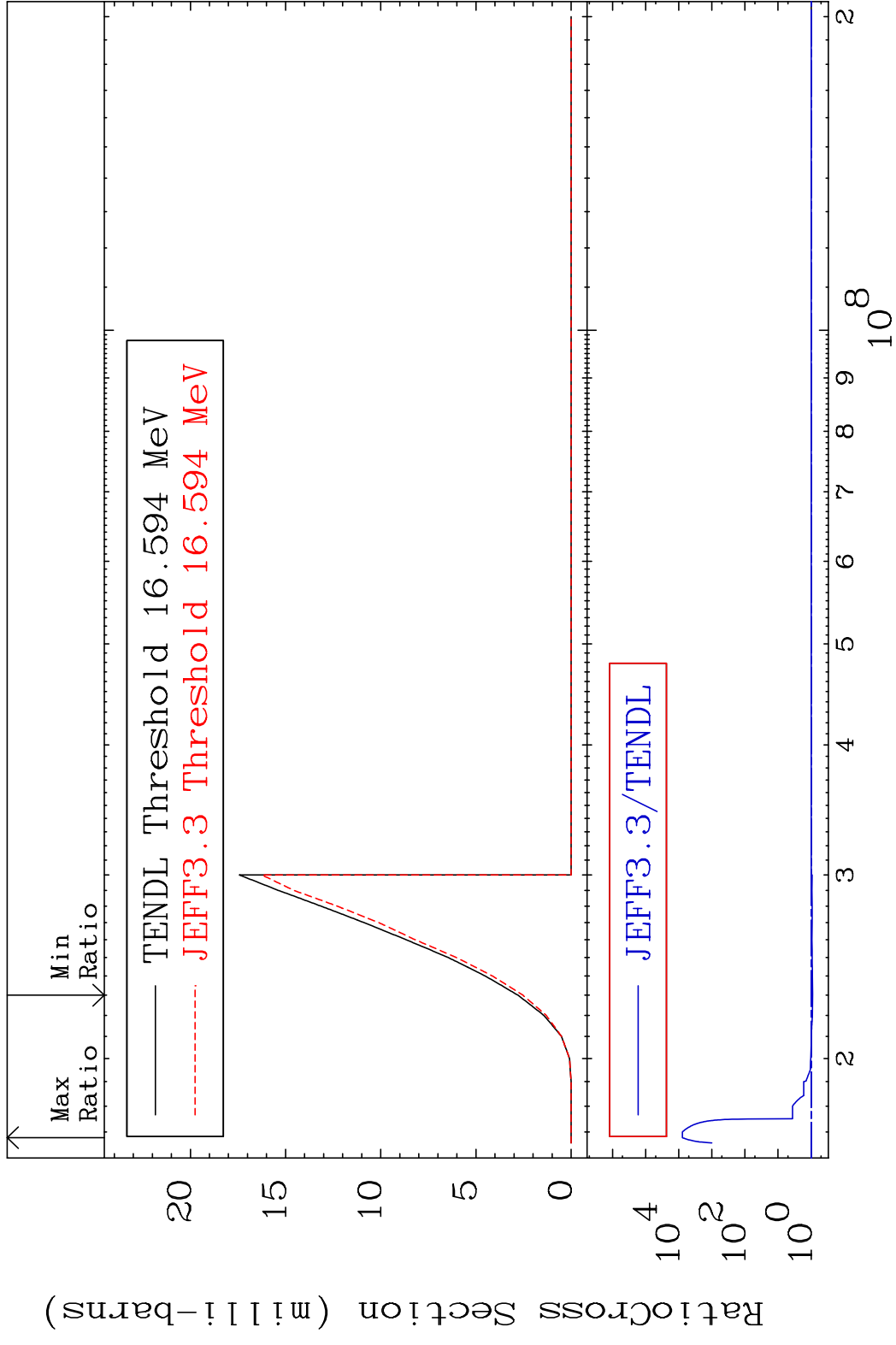


10 Incident Energy (eV) 26-Fe-59

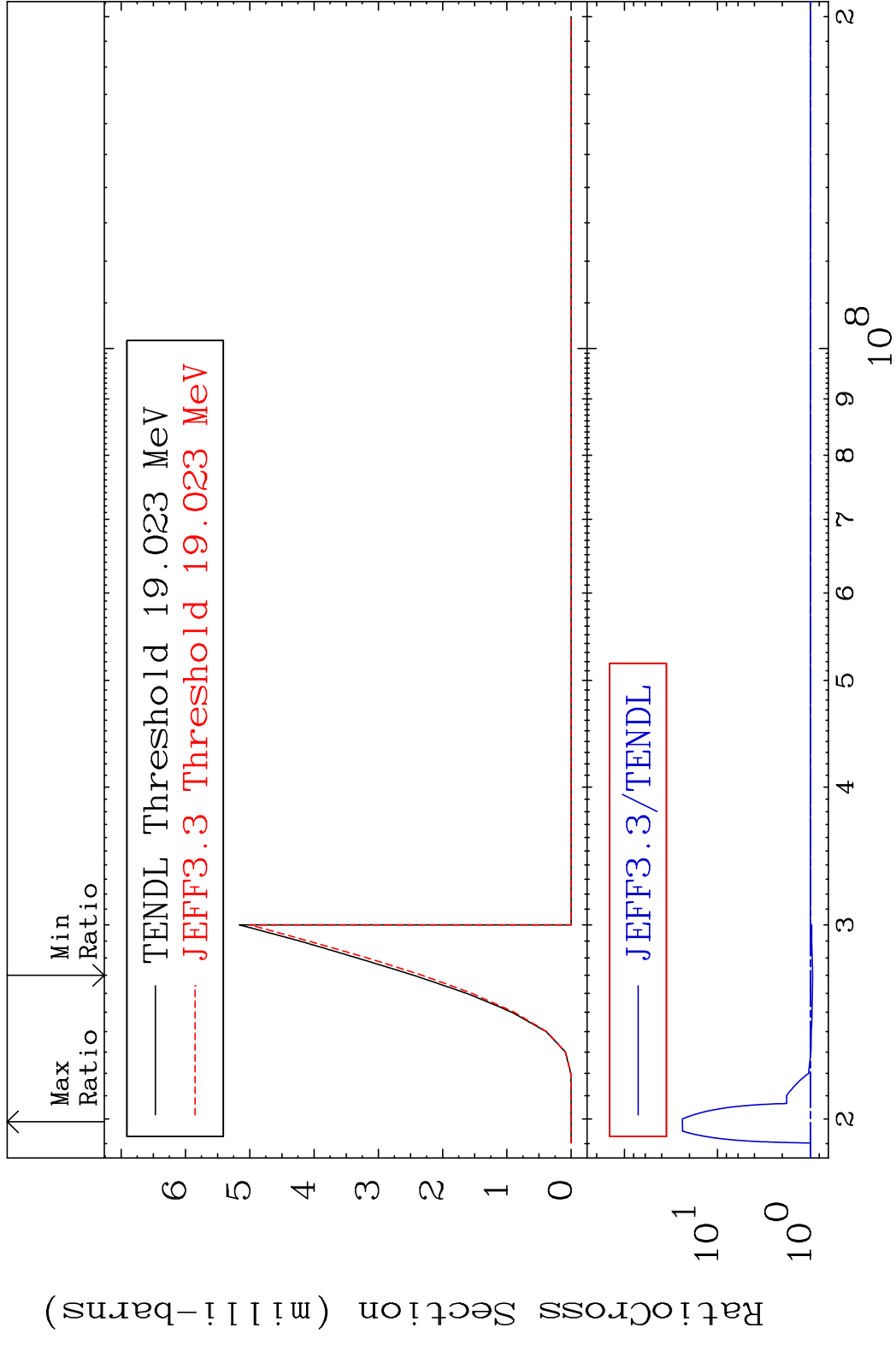
MAT 2640 (n, n') 2α 26-Fe-59
 Cross Section -100.0 To 355.2 %



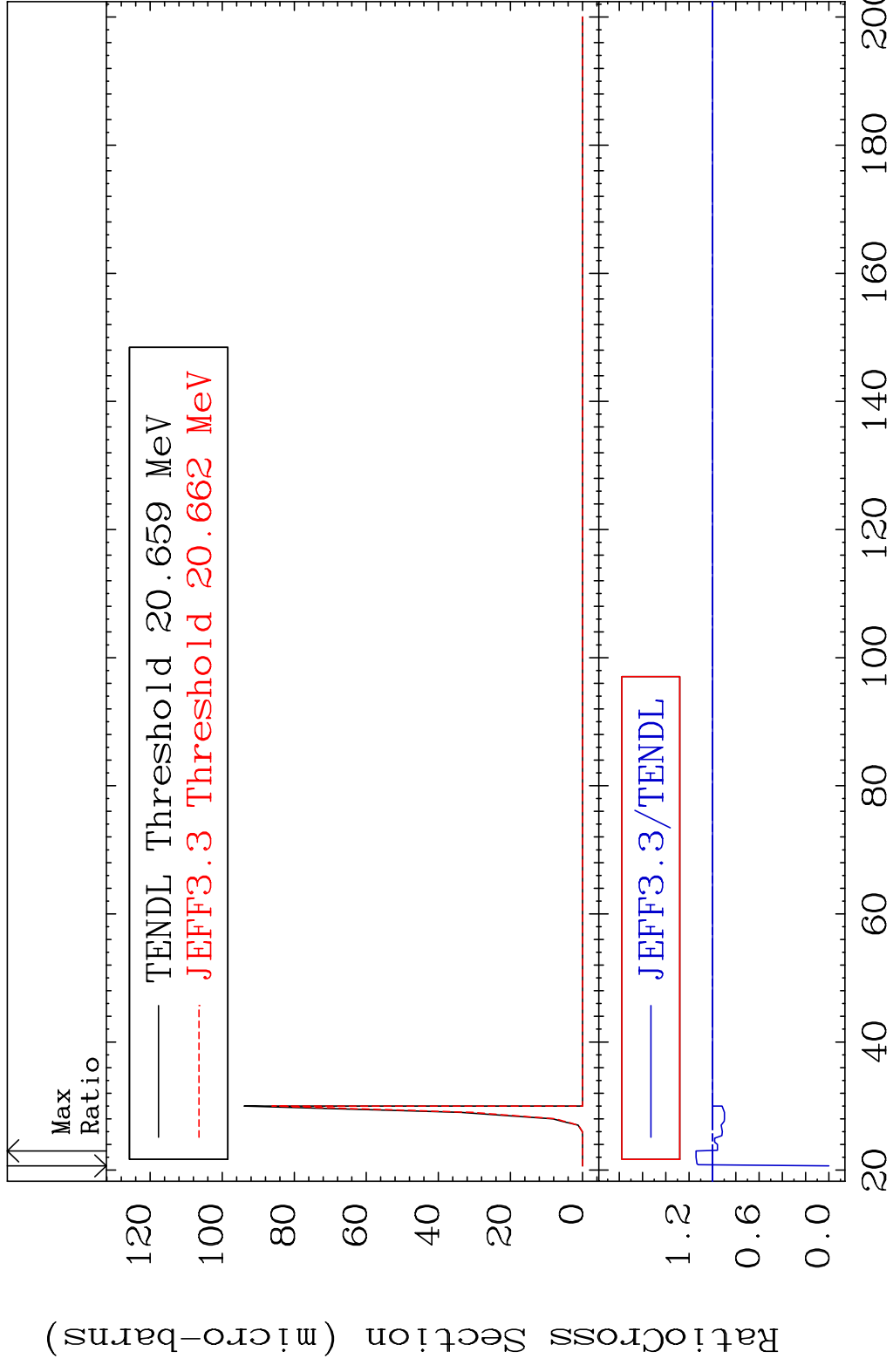
MAT 2640 (n, n') d 26-Fe-59
 Cross Section -9.379 To 9999. %



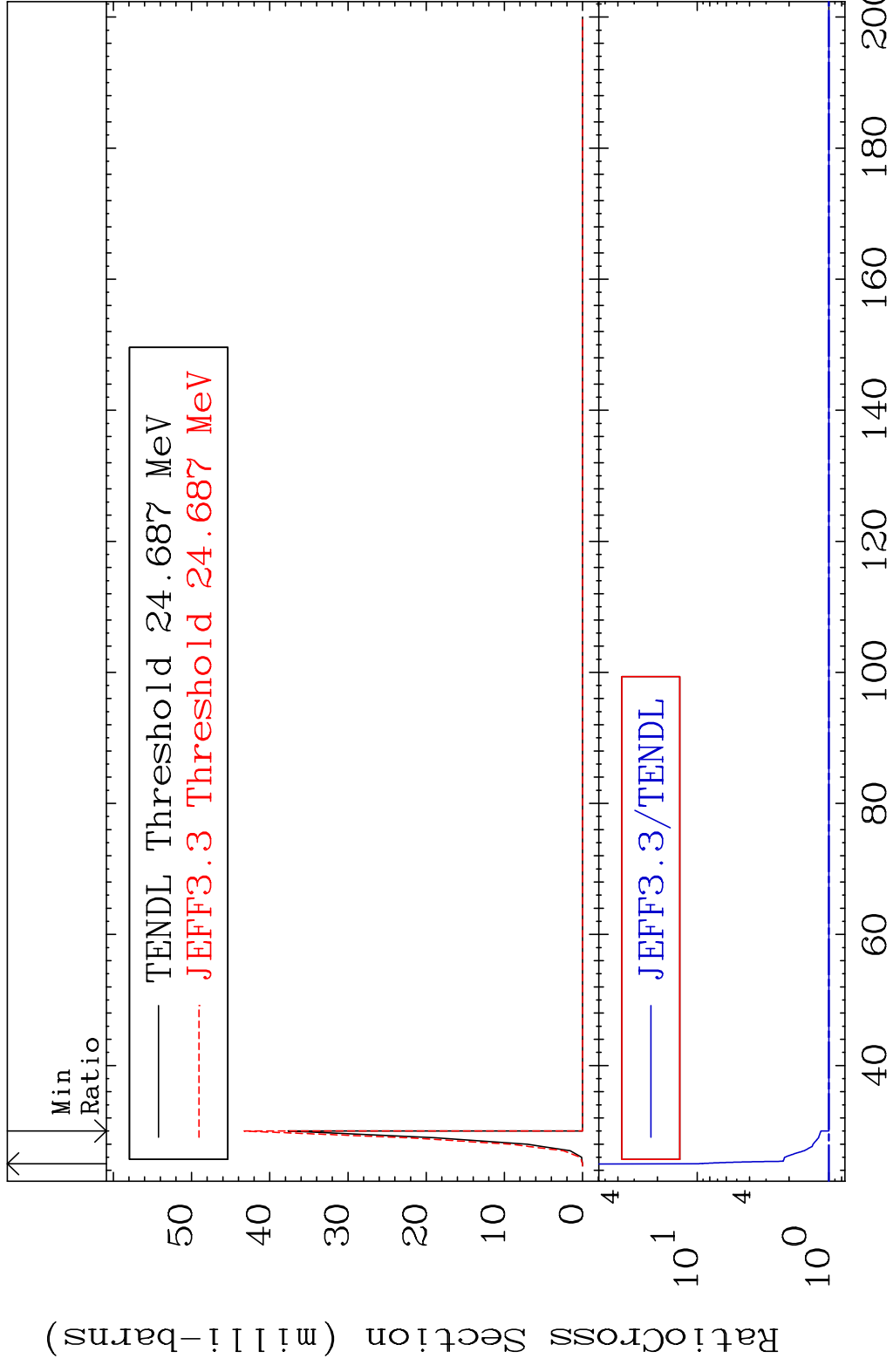
MAT 2640 (n, n') t 26-Fe-59
 Cross Section -5.427 To 2287. %



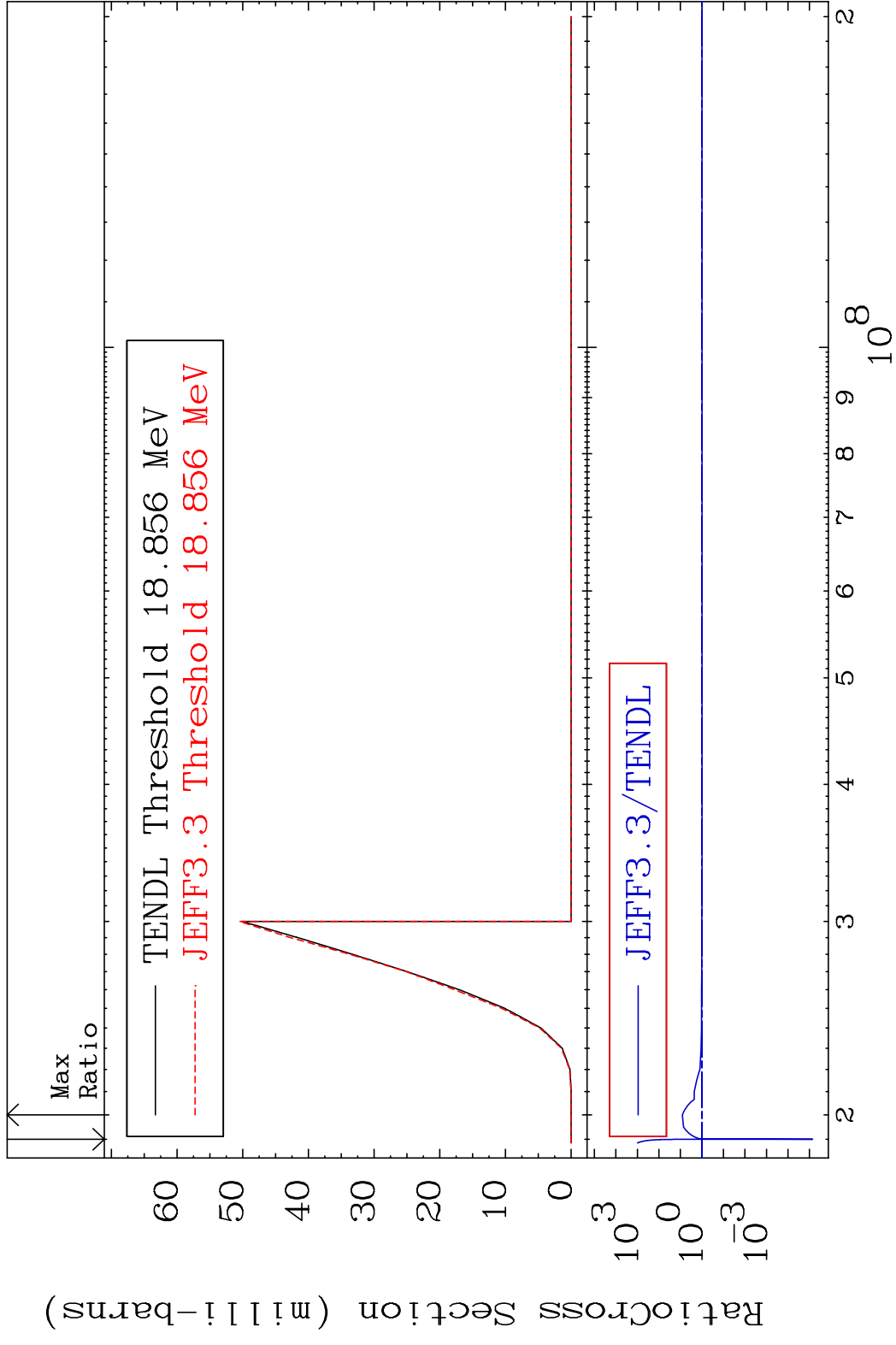
MAT 2640 (n,n') He-3 26-Fe-59
 Cross Section -100.0 To 14.12 %



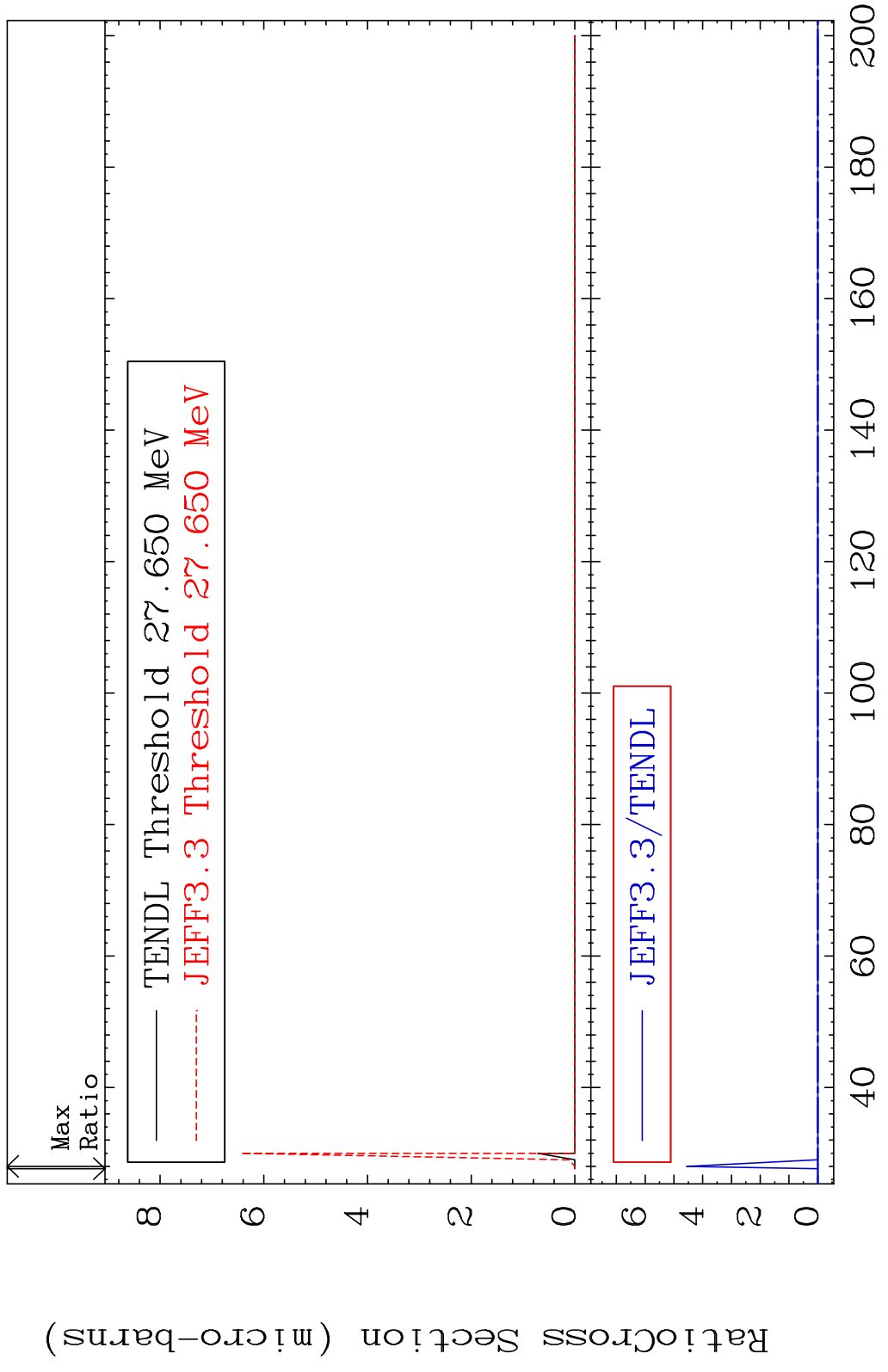
MAT 2640 (n,4n) 26-Fe-59
 Cross Section 0.000 To 919.2 %



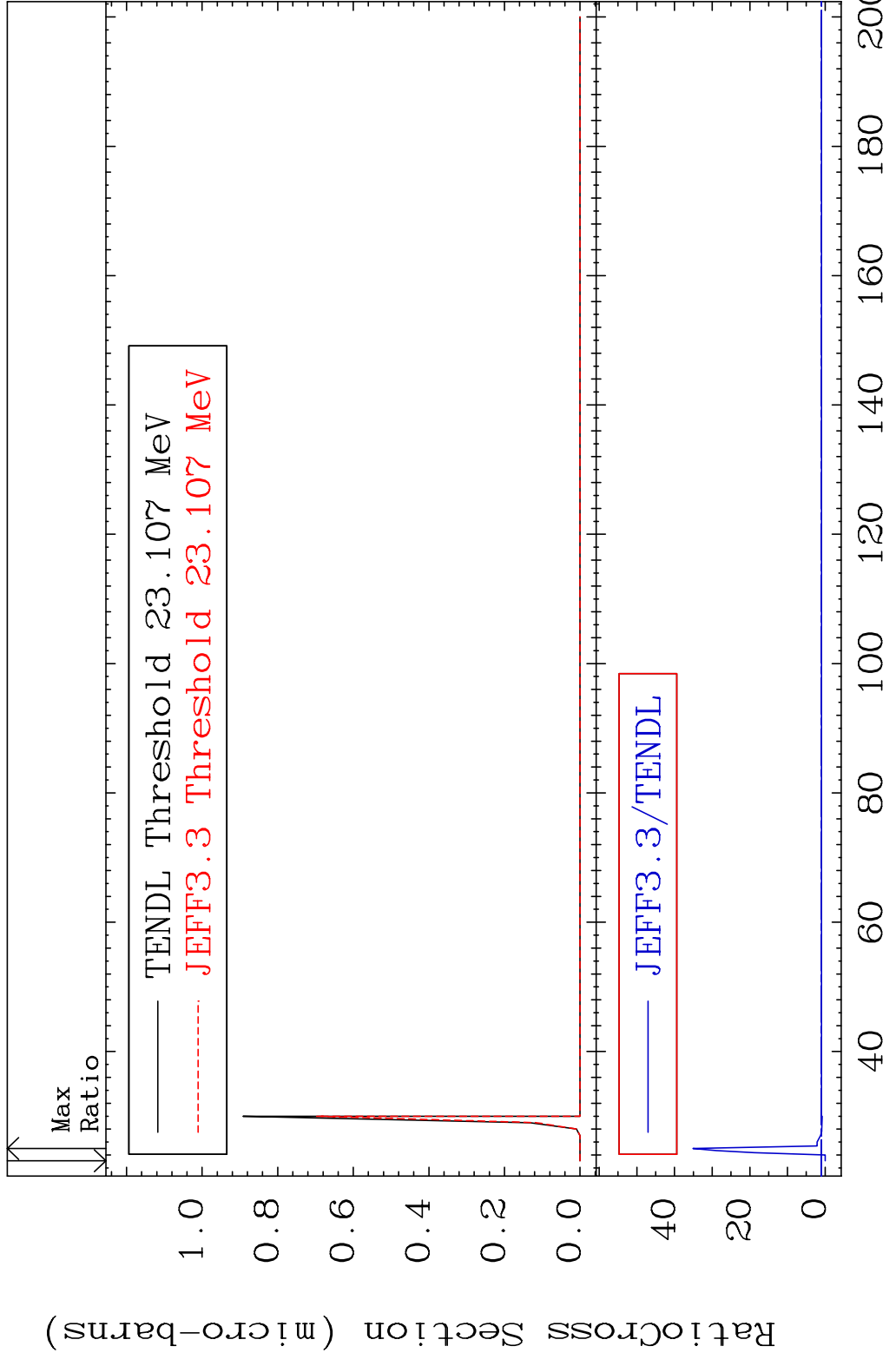
MAT 2640 (n,2n) p 26-Fe-59
 Cross Section -100.0 To 712.8 %



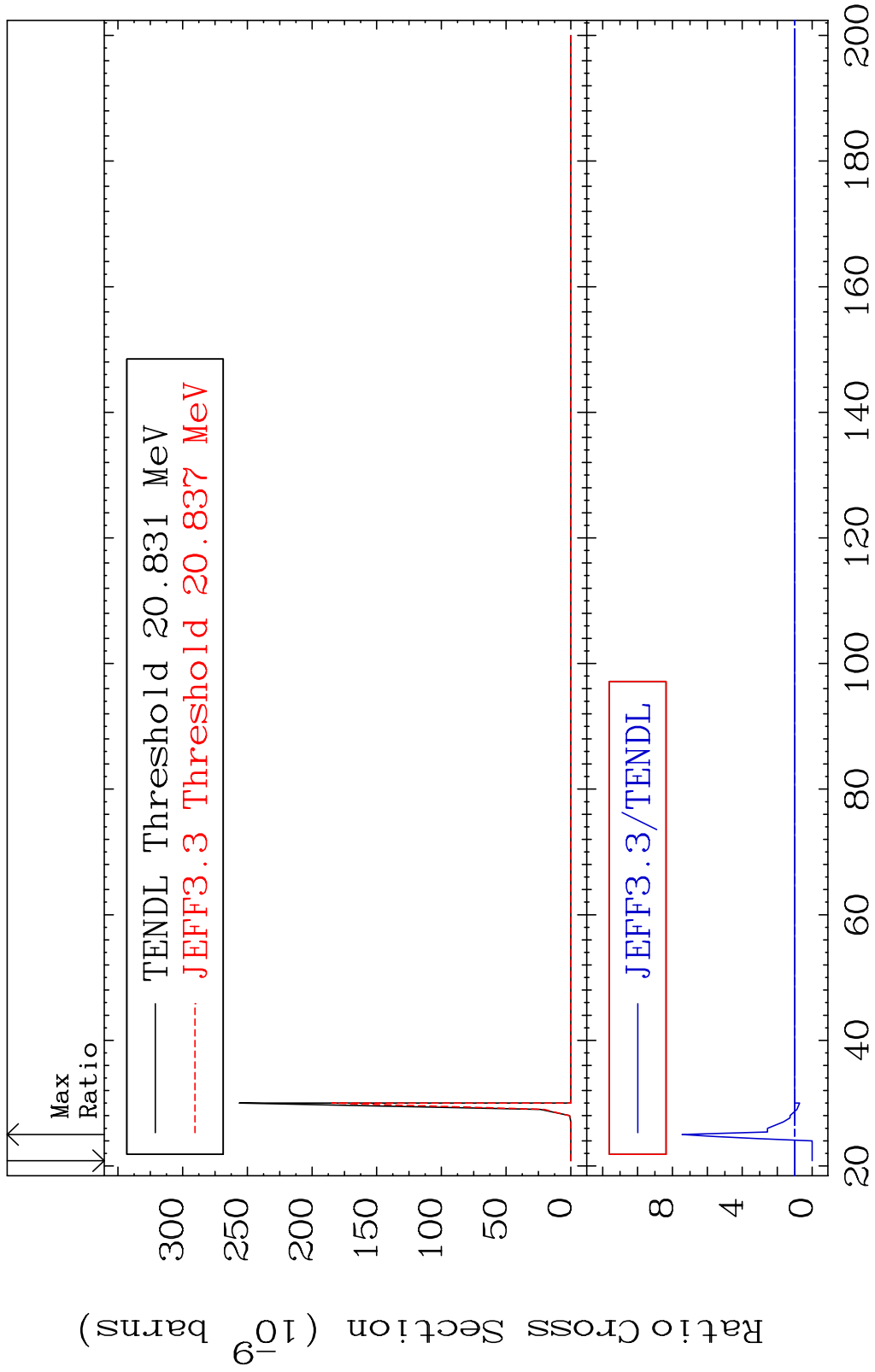
MAT 2640 (n,3n) p 26-Fe-59
 Cross Section -100.0 To 9999. %



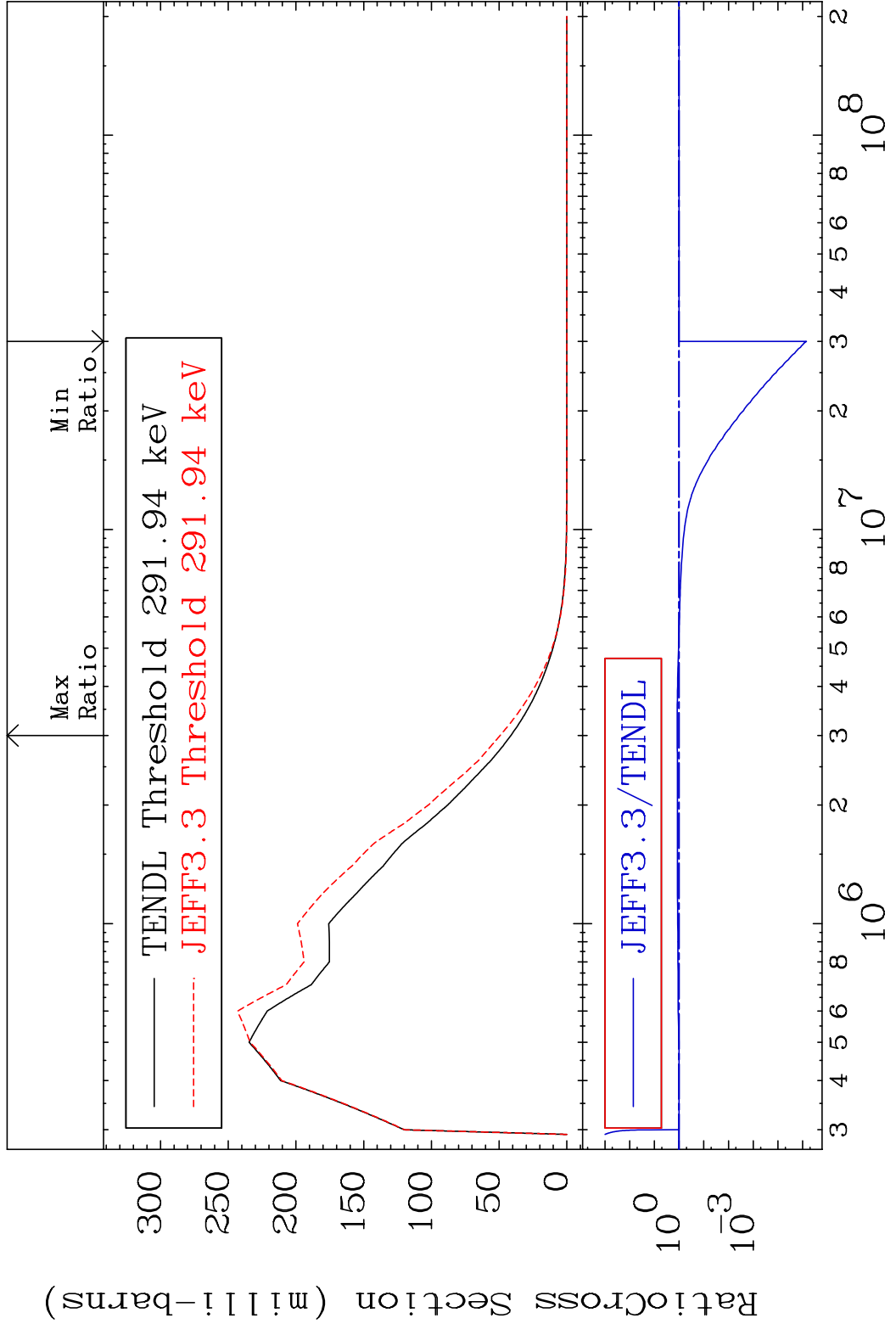
MAT 2640 (n,2n) p 26-Fe-59
 Cross Section -100.0 To 3411. %



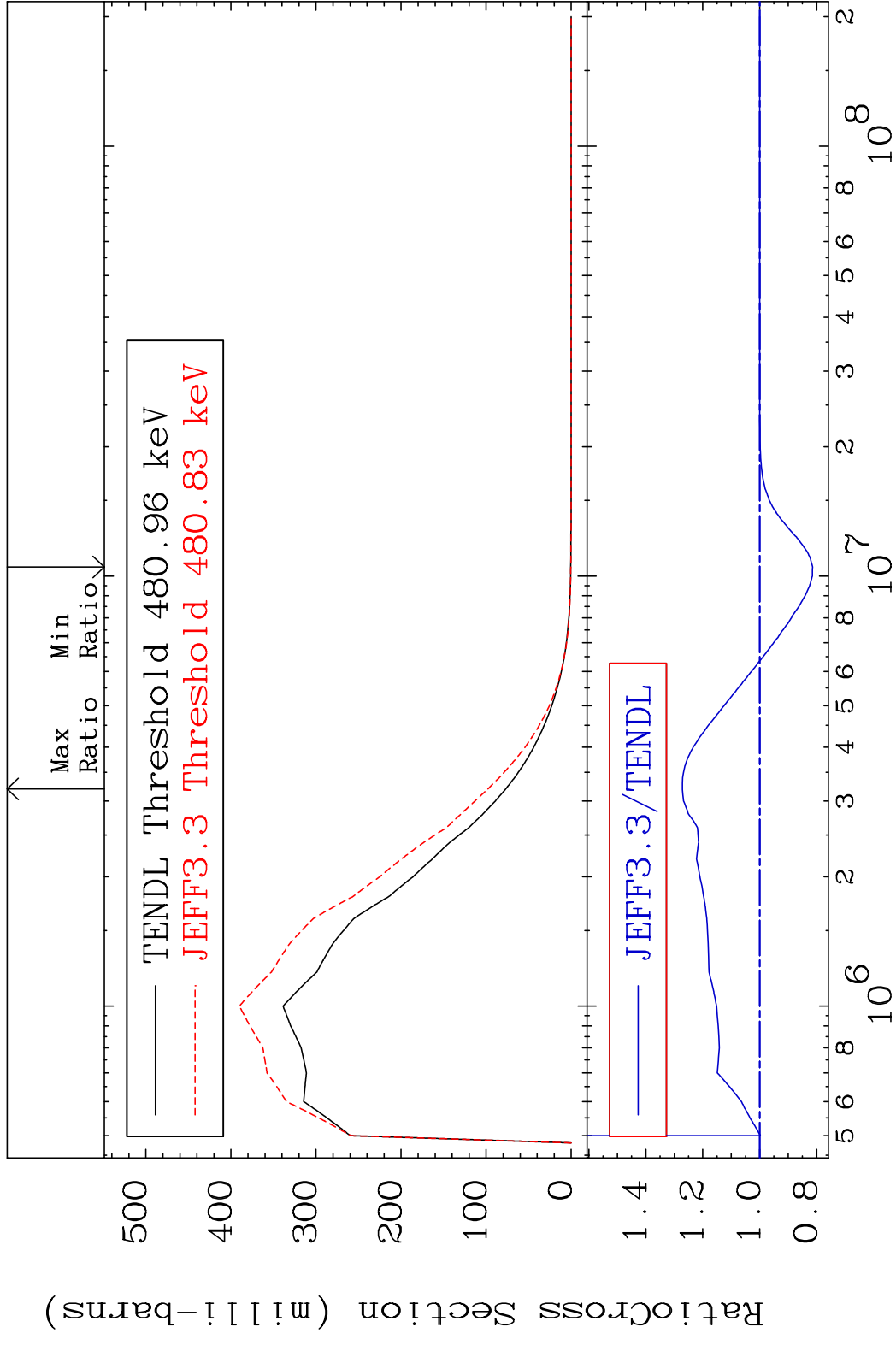
MAT 2640 (n,n') p α 26-Fe-59
 Cross Section -100.0 To 645.4 %



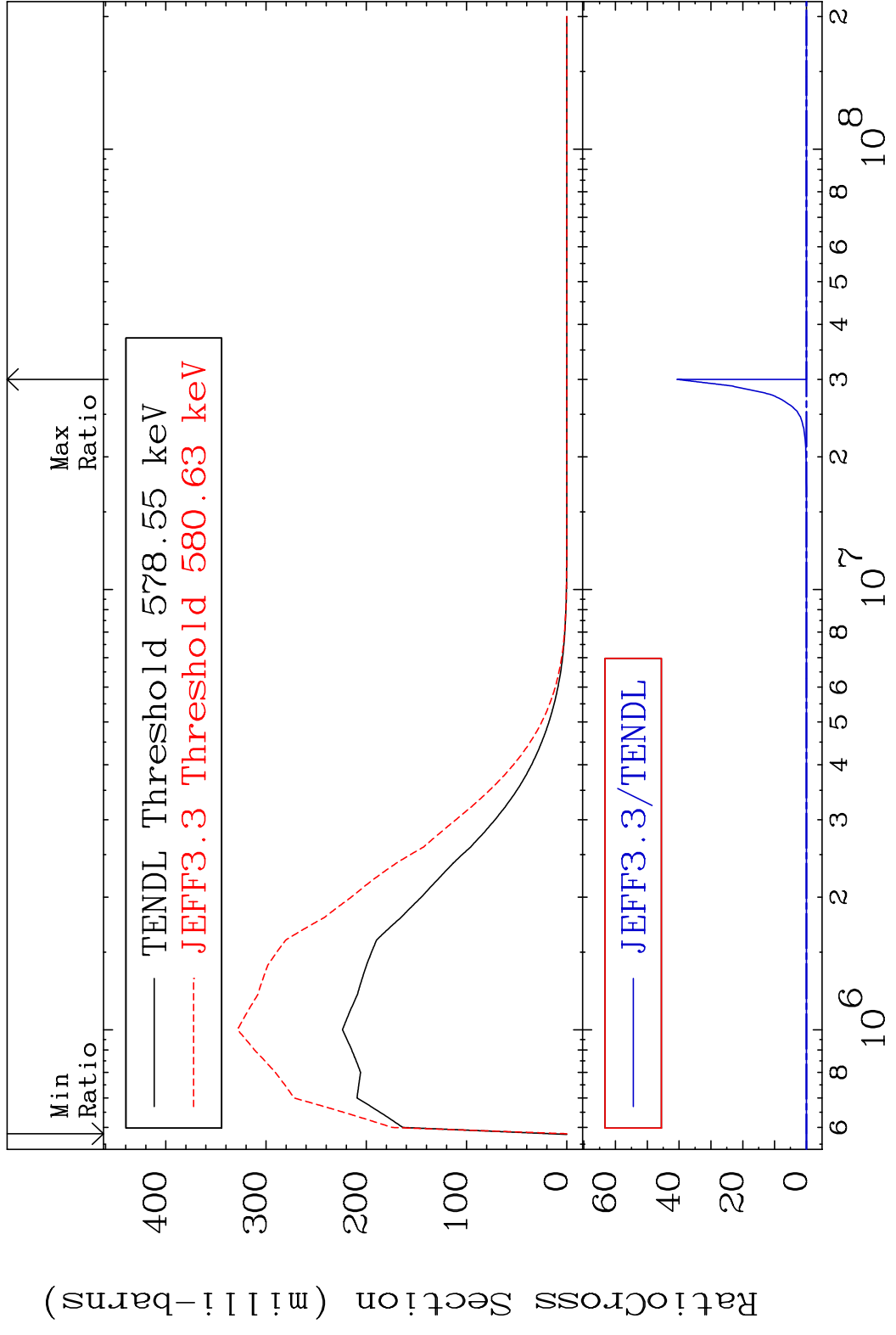
MAT 2640 MT= 51 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 19.16 %



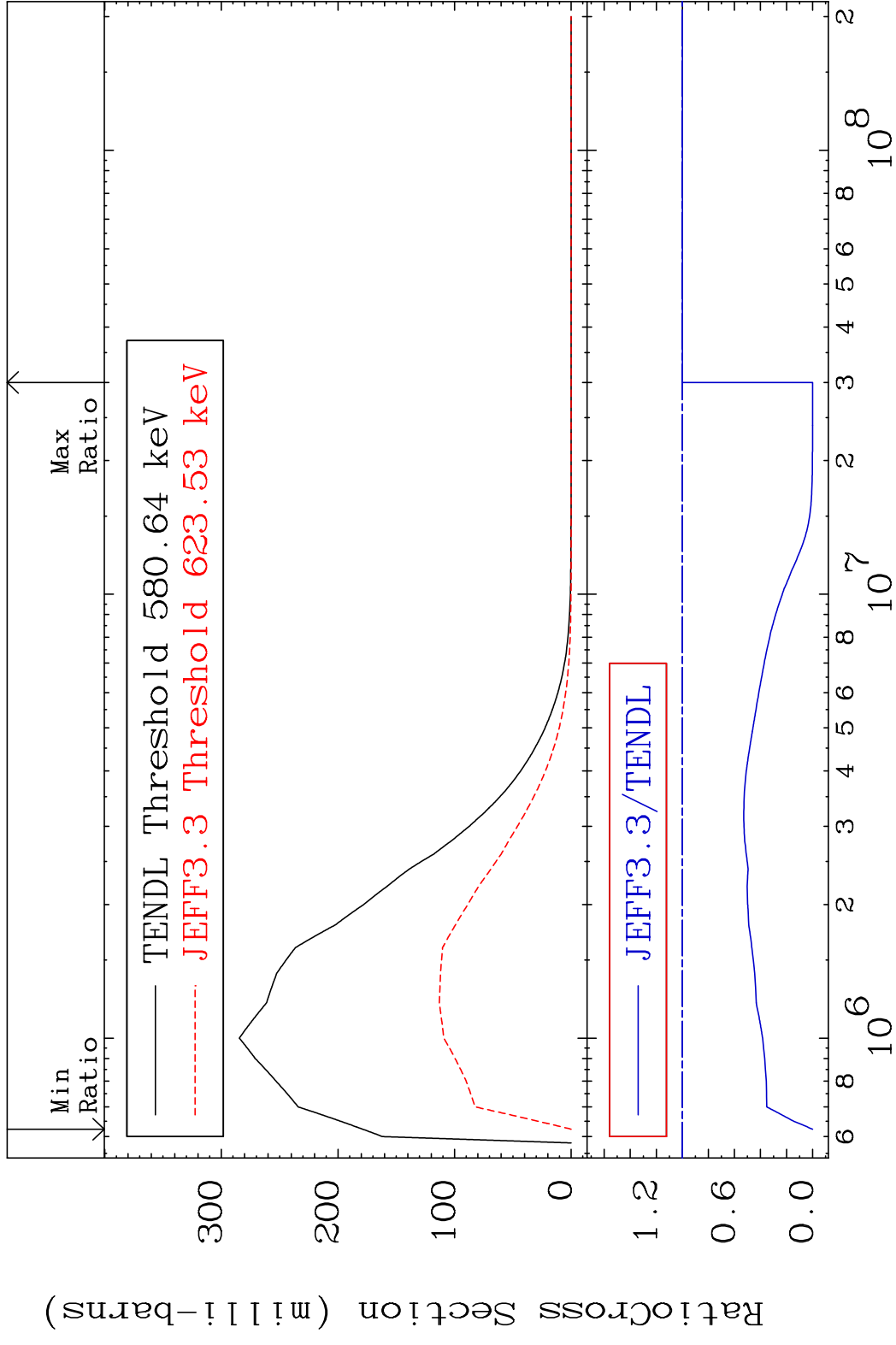
MAT 2640 MT= 52 (n, n') Level 26-Fe-59
 Cross Section -18.56 To 27.17 %



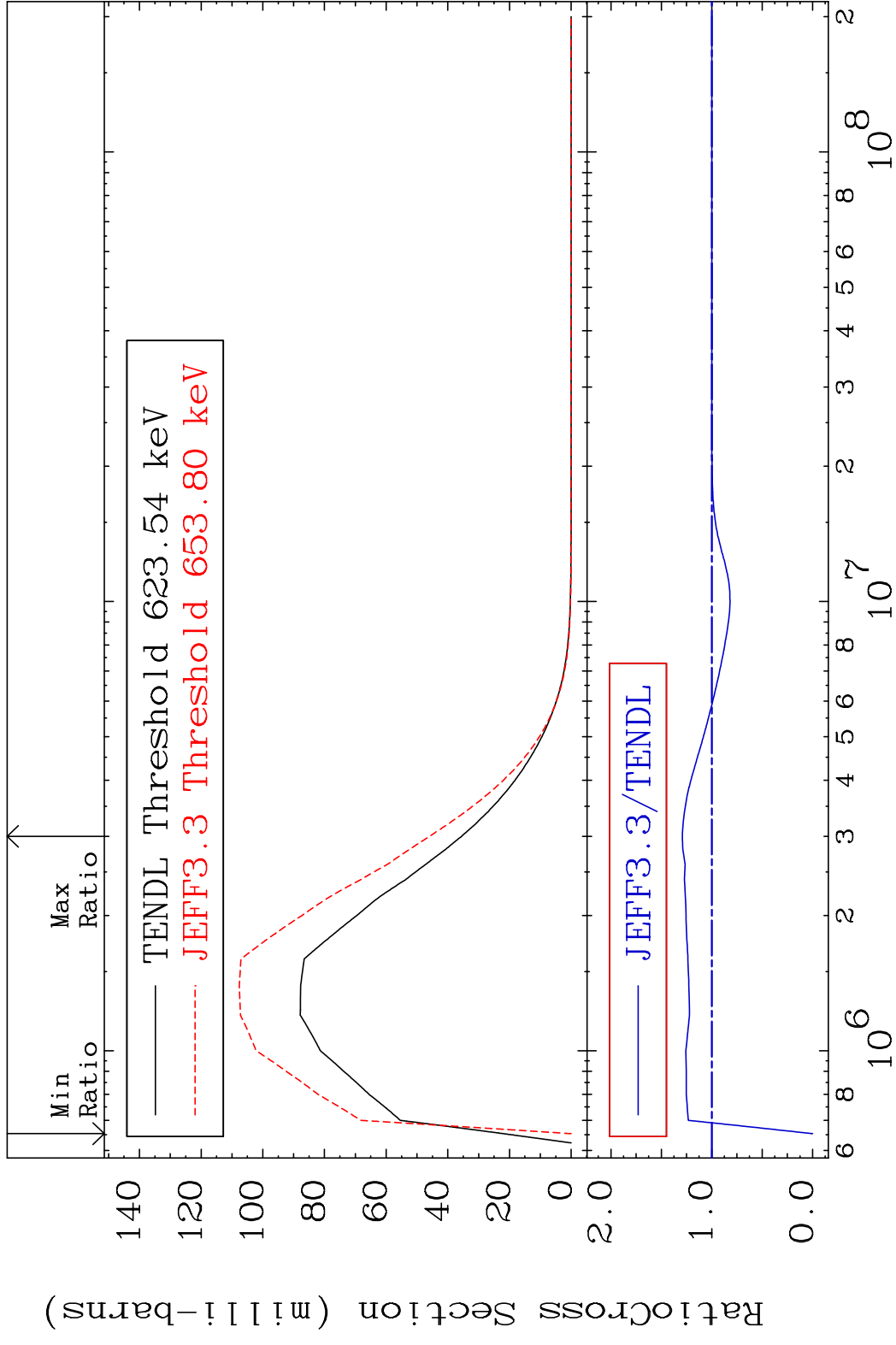
MAT 2640 MT= 53 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 9999. %



MAT 2640 MT= 54 (n,n') Level 26-Fe-59
 Cross Section -100.0 To 0.000 %

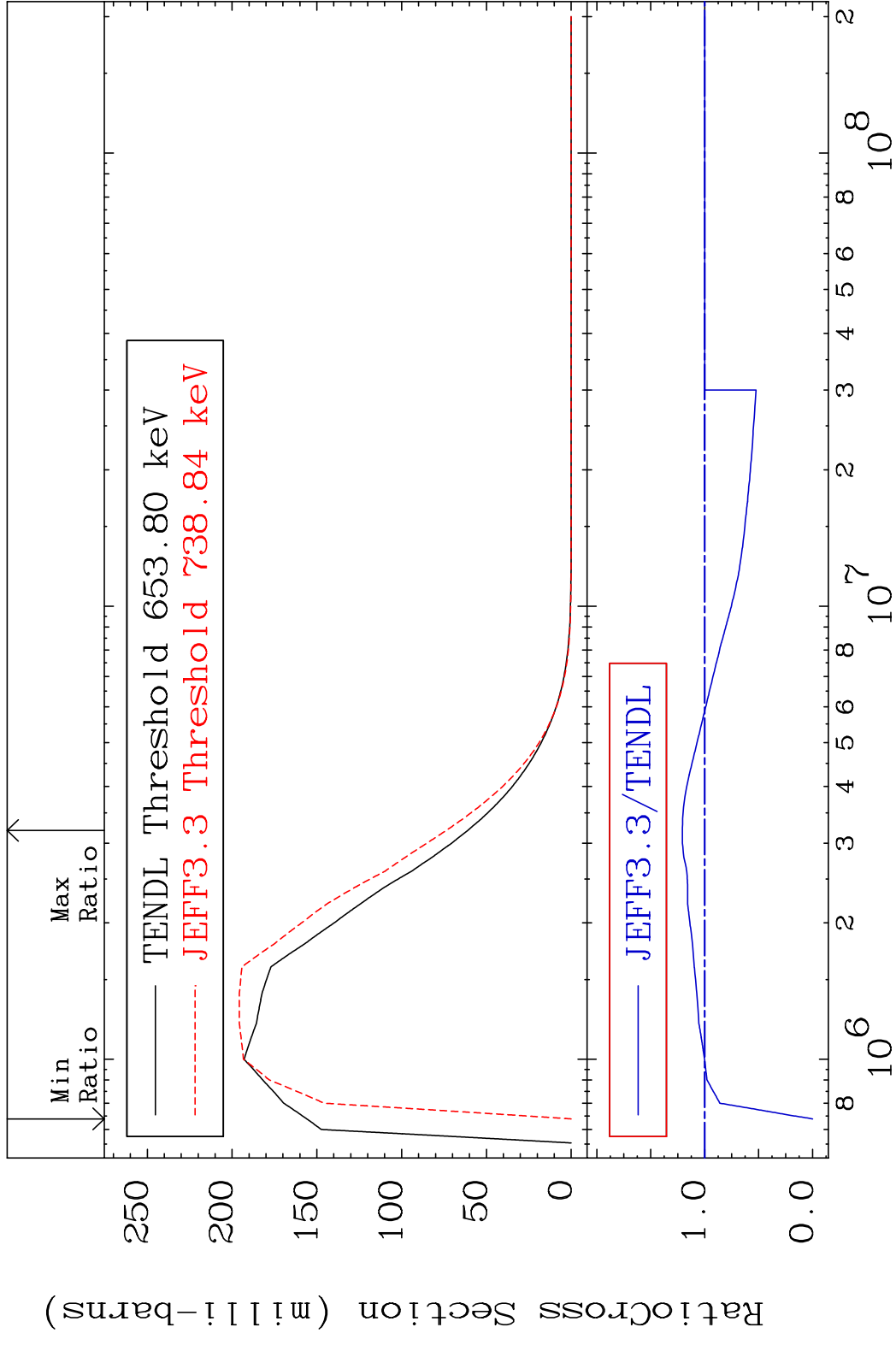


MAT 2640 MT= 55 (n,n') Level 26-Fe-59
 Cross Section -100.0 To 29.15 %



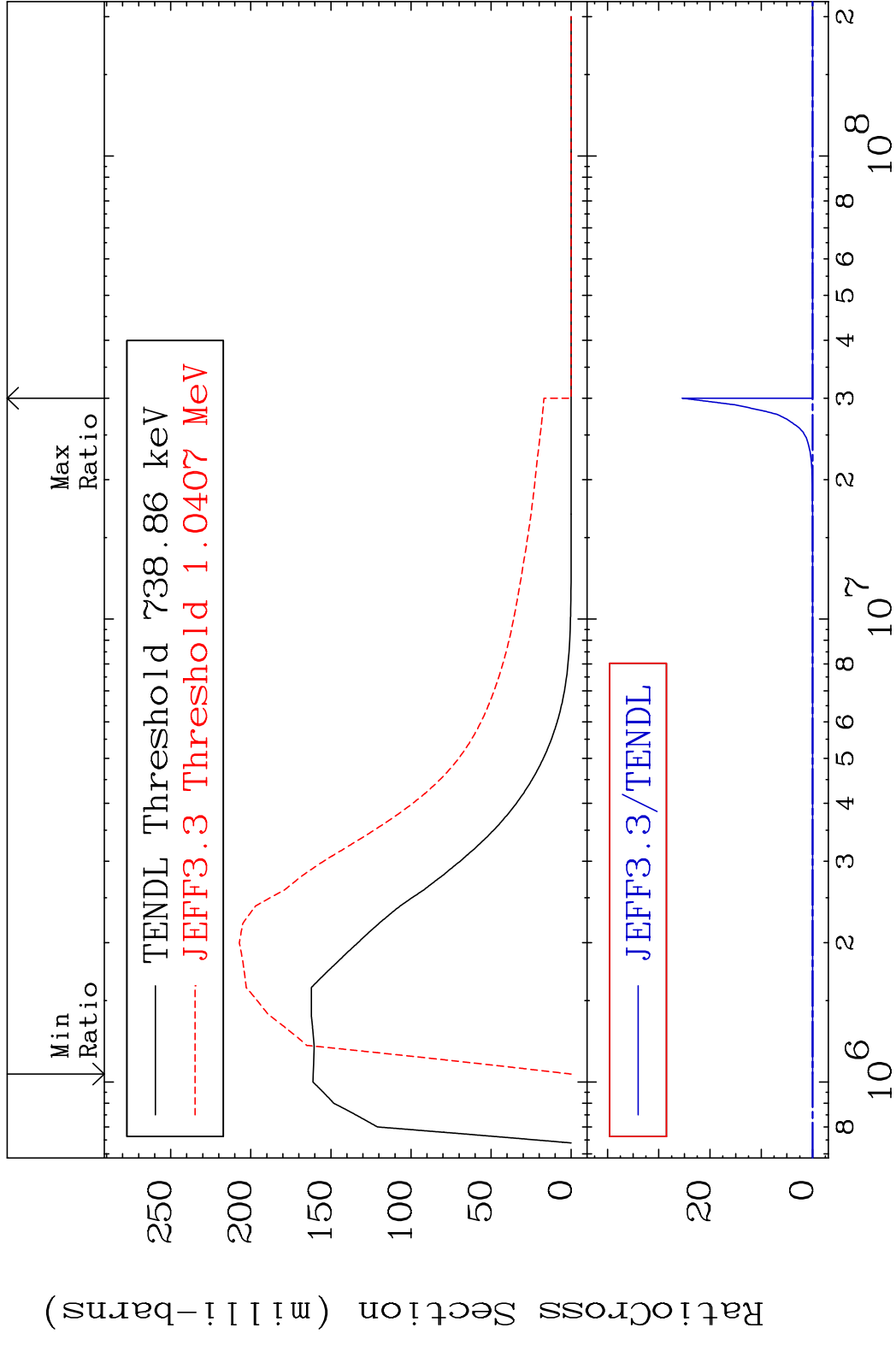
24 Incident Energy (eV) 26-Fe-59

MAT 2640 MT= 56 (n,n') Level 26-Fe-59
 Cross Section -100.0 To 20.72 %



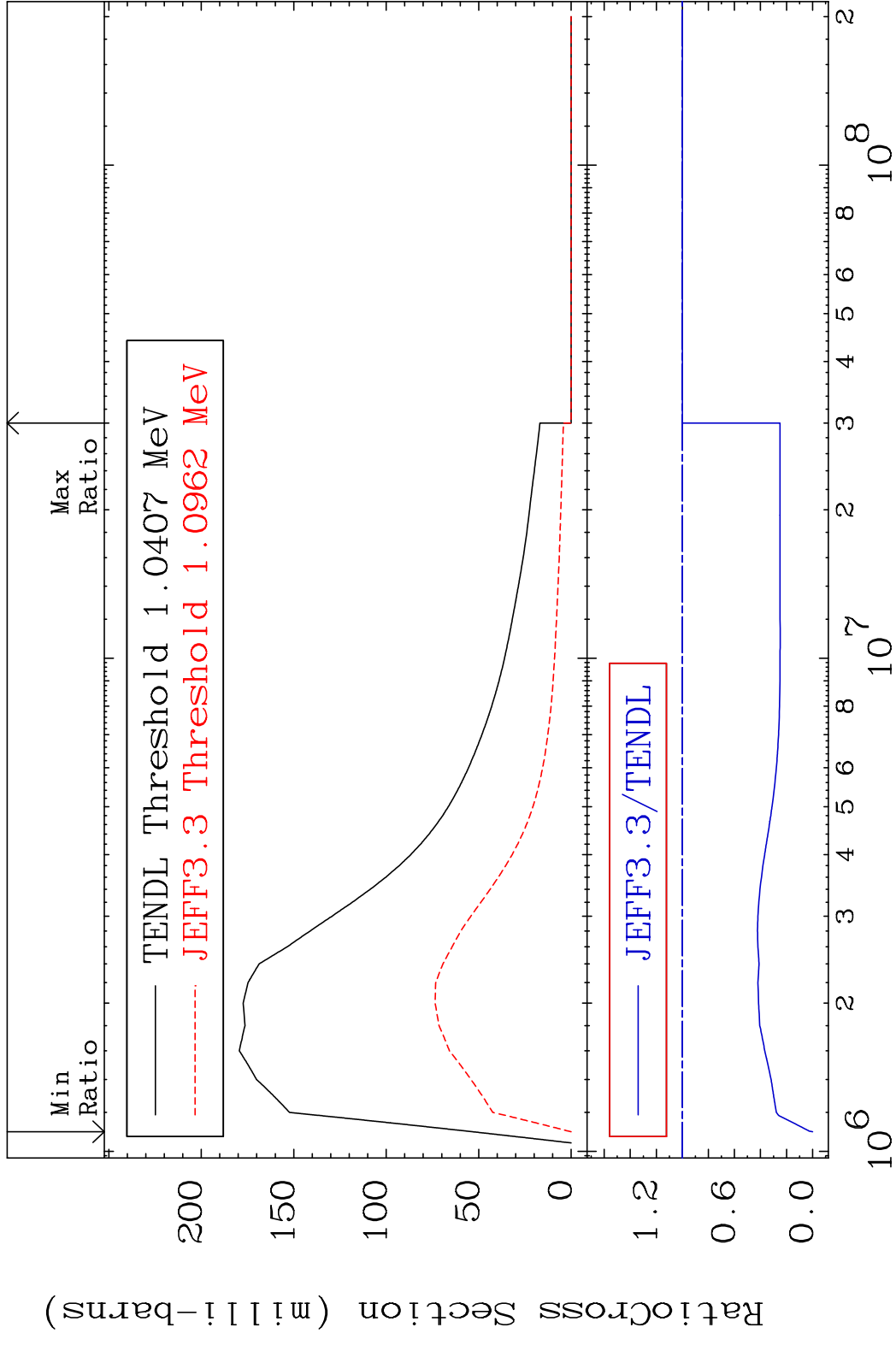
25 Incident Energy (eV) 26-Fe-59

MAT 2640 MT= 57 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 9999. %



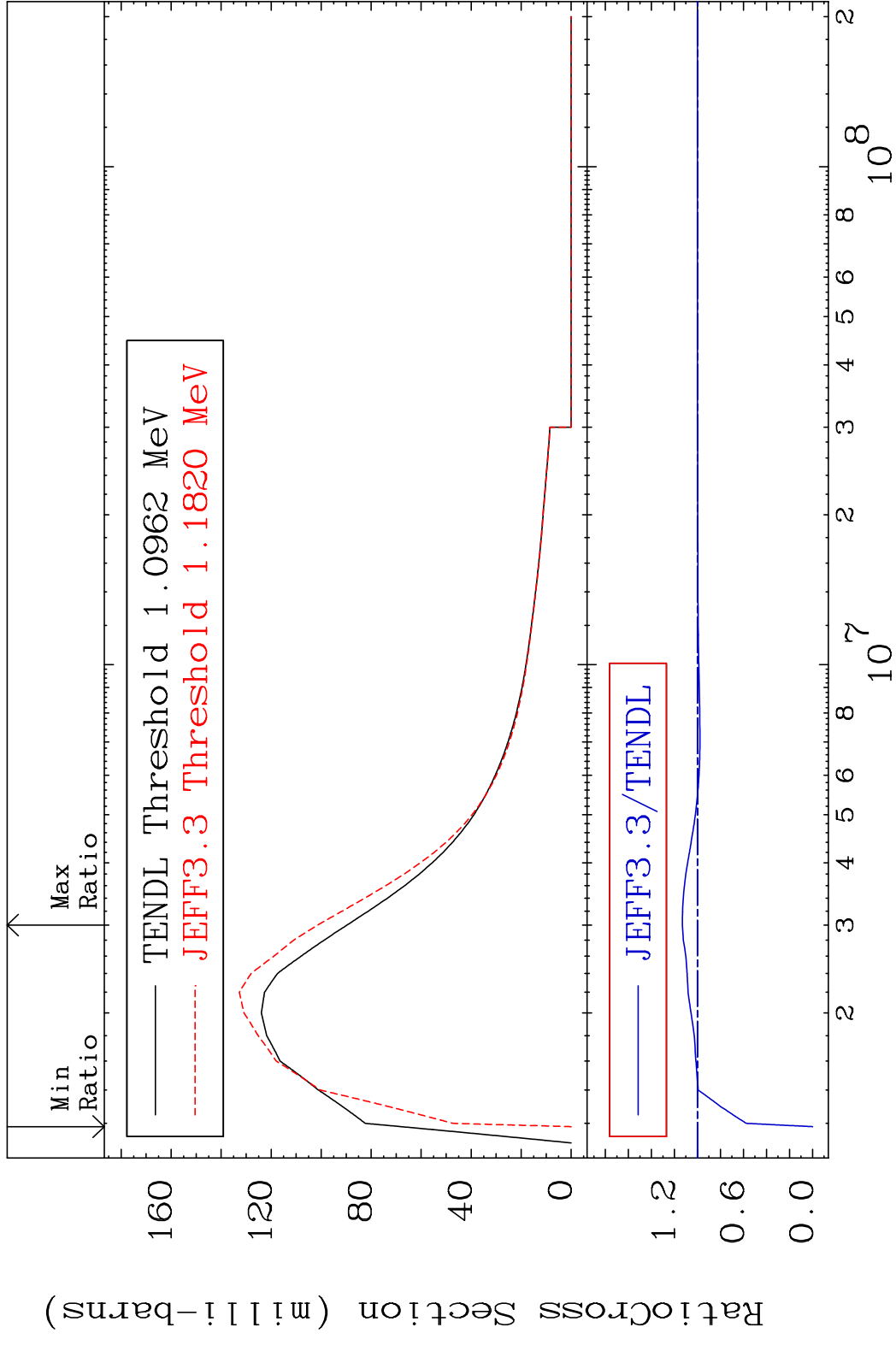
26 Incident Energy (eV) 26-Fe-59

MAT 2640 MT= 58 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 0.000 %

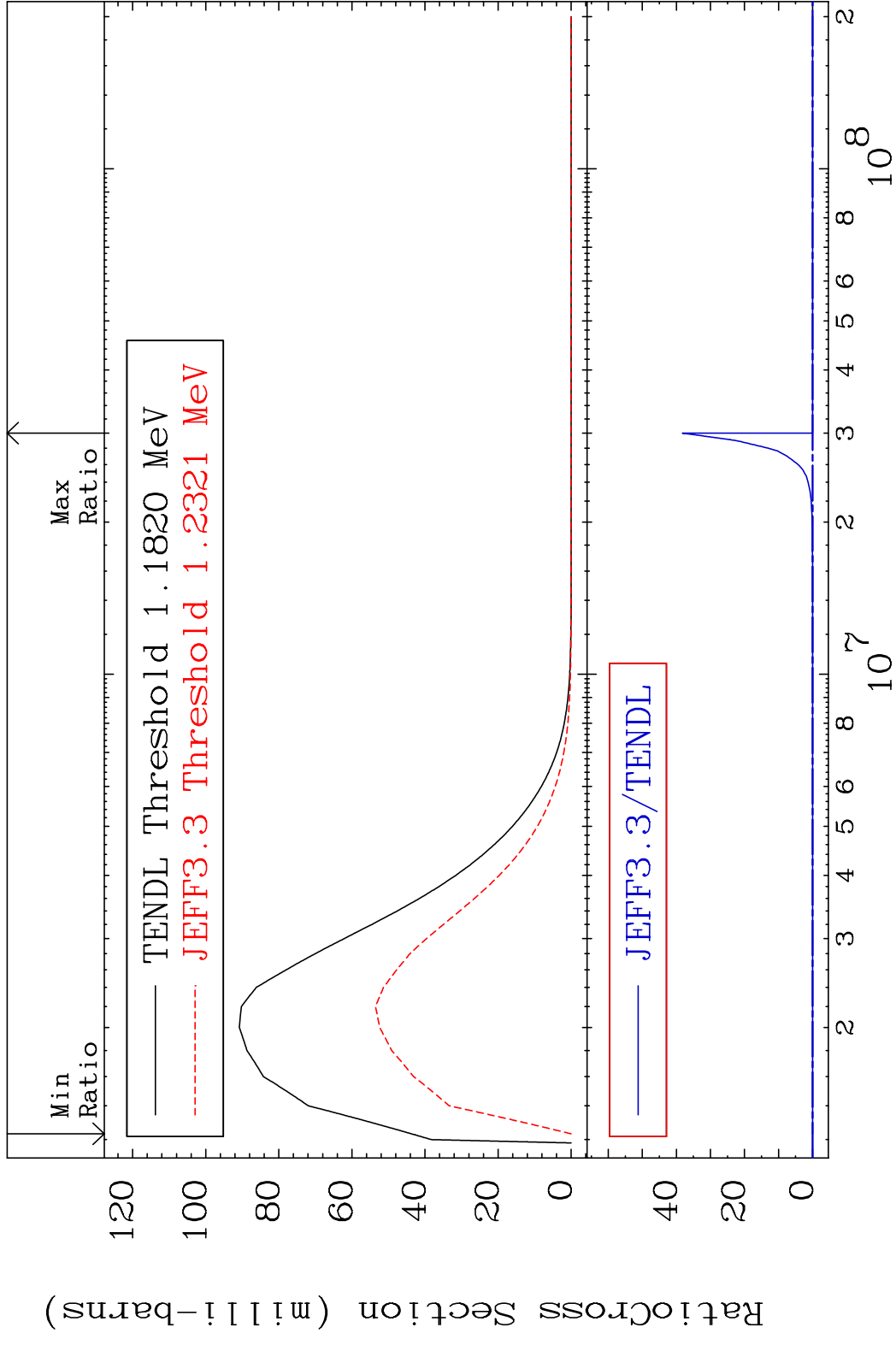


27 Incident Energy (eV) 26-Fe-59

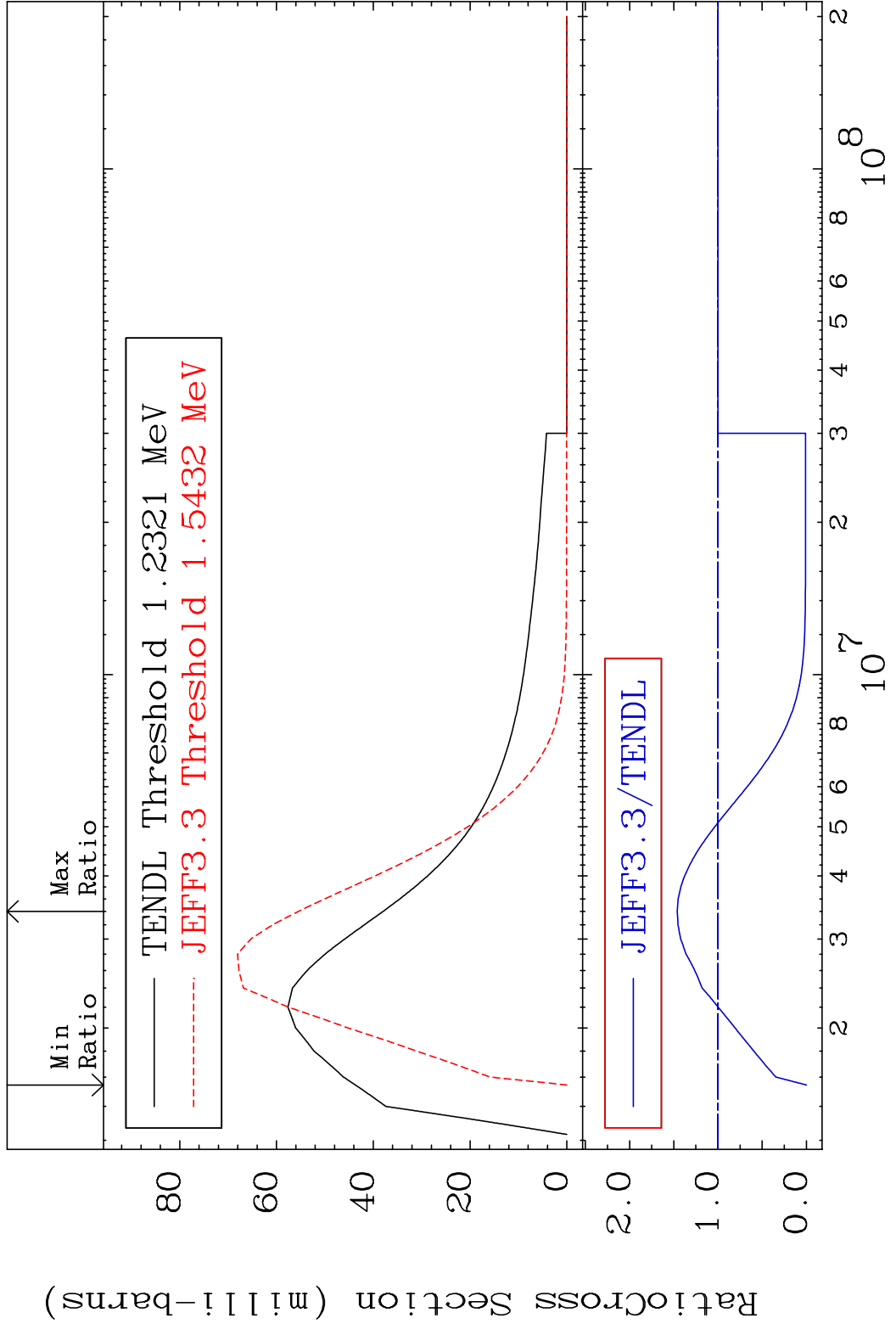
MAT 2640 MT= 59 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 13.10 %



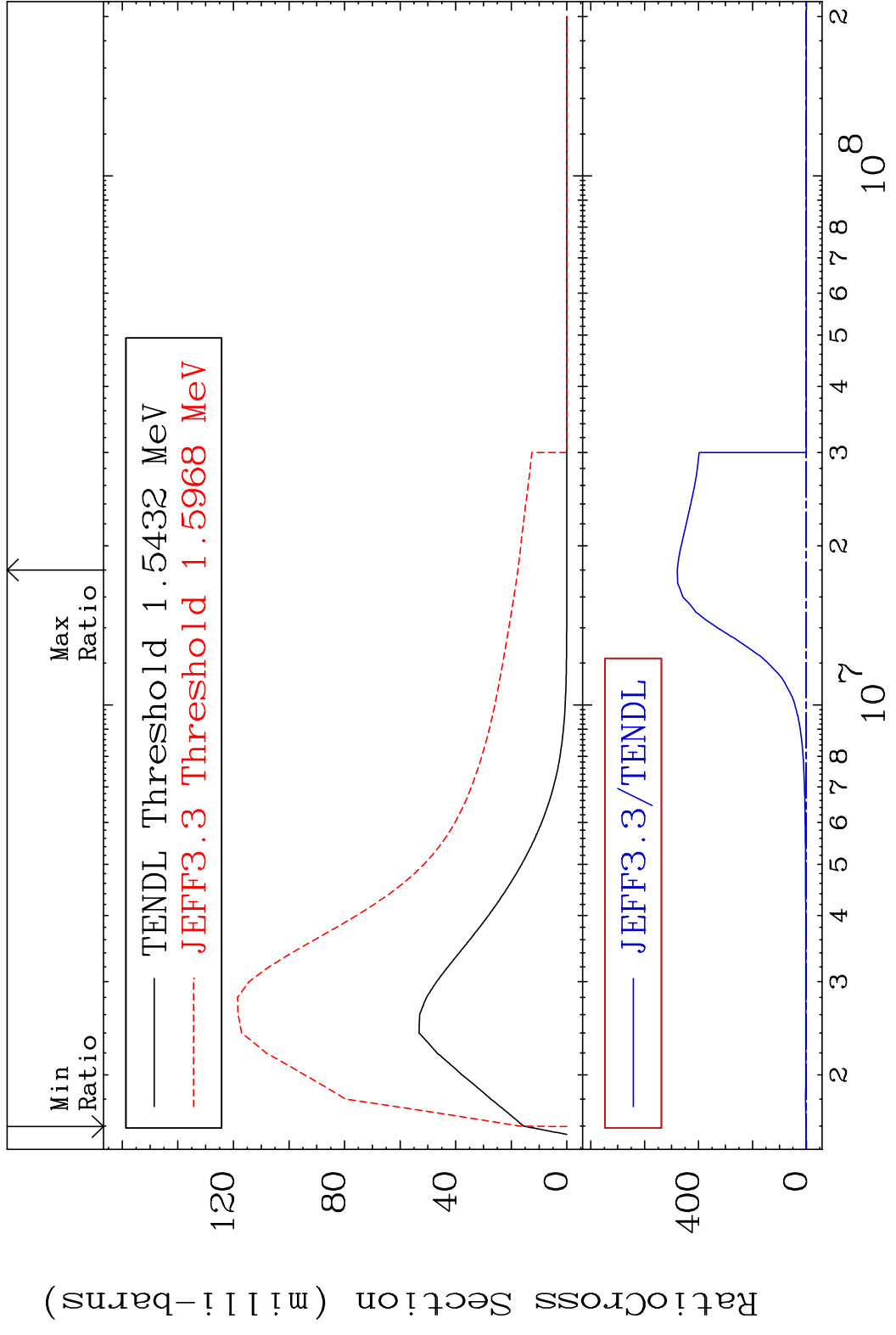
MAT 2640 MT= 60 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 9999. %



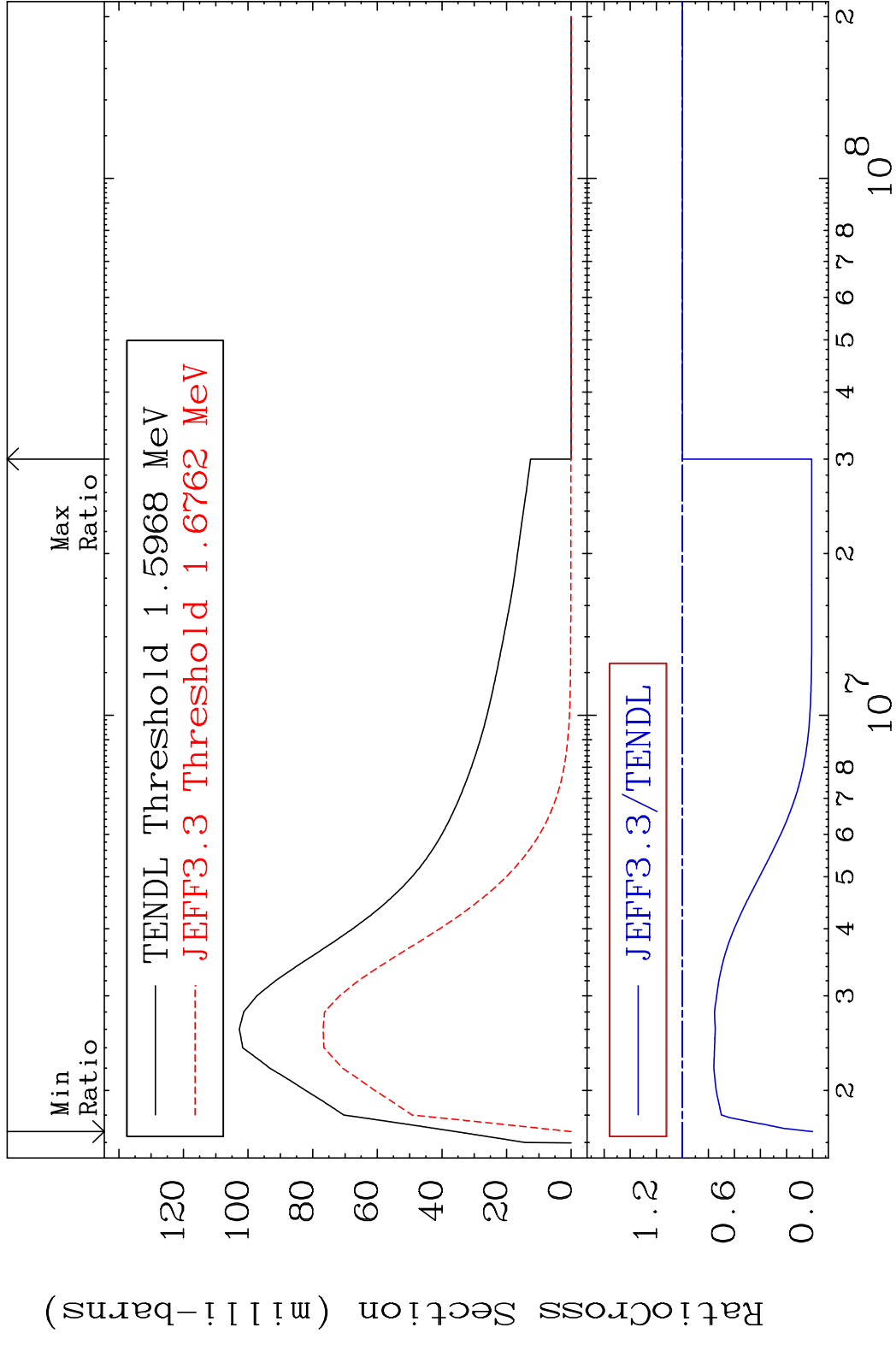
MAT 2640 MT= 61 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 46.16 %



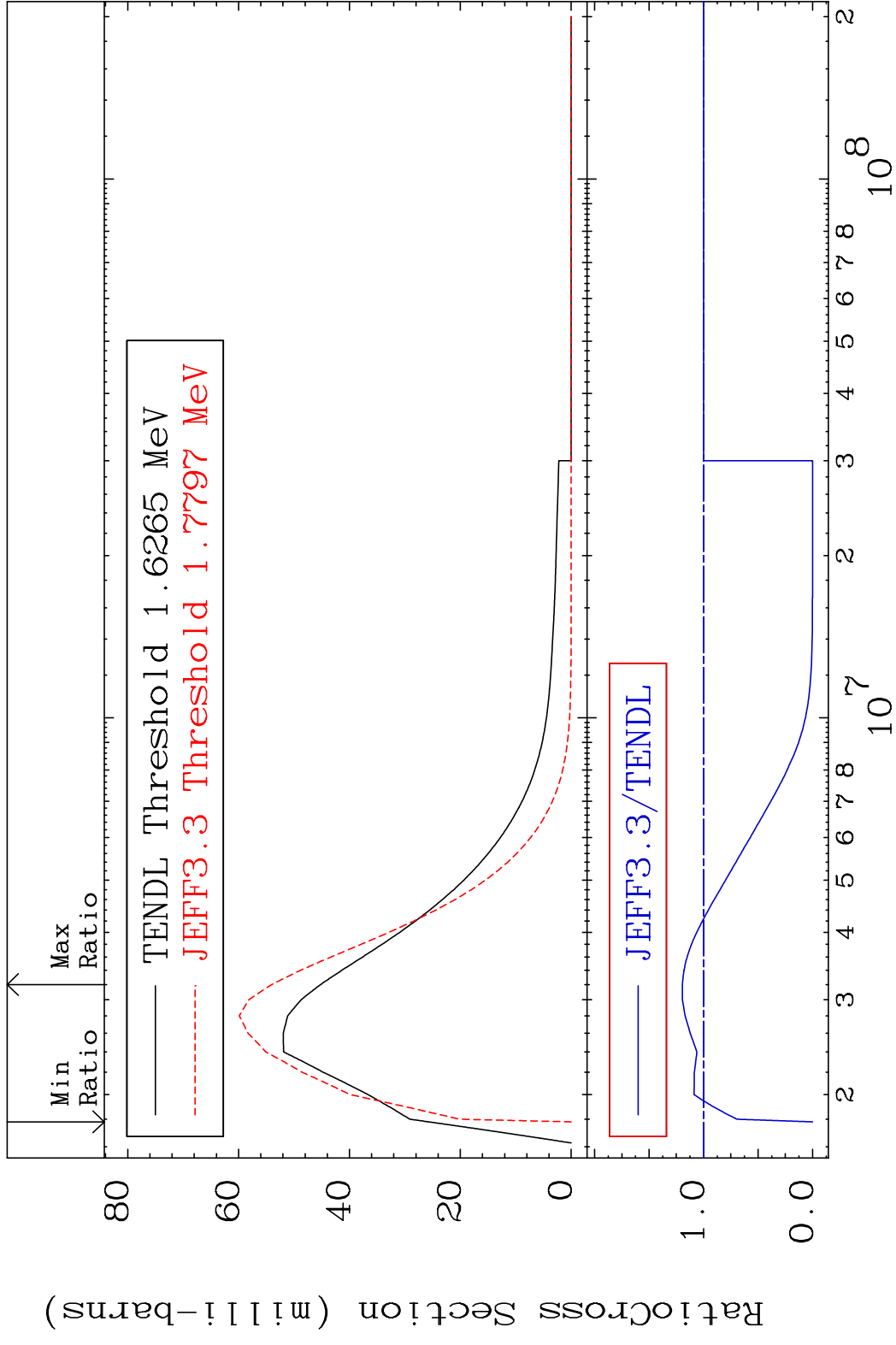
MAT 2640 MT= 62 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 9999. %



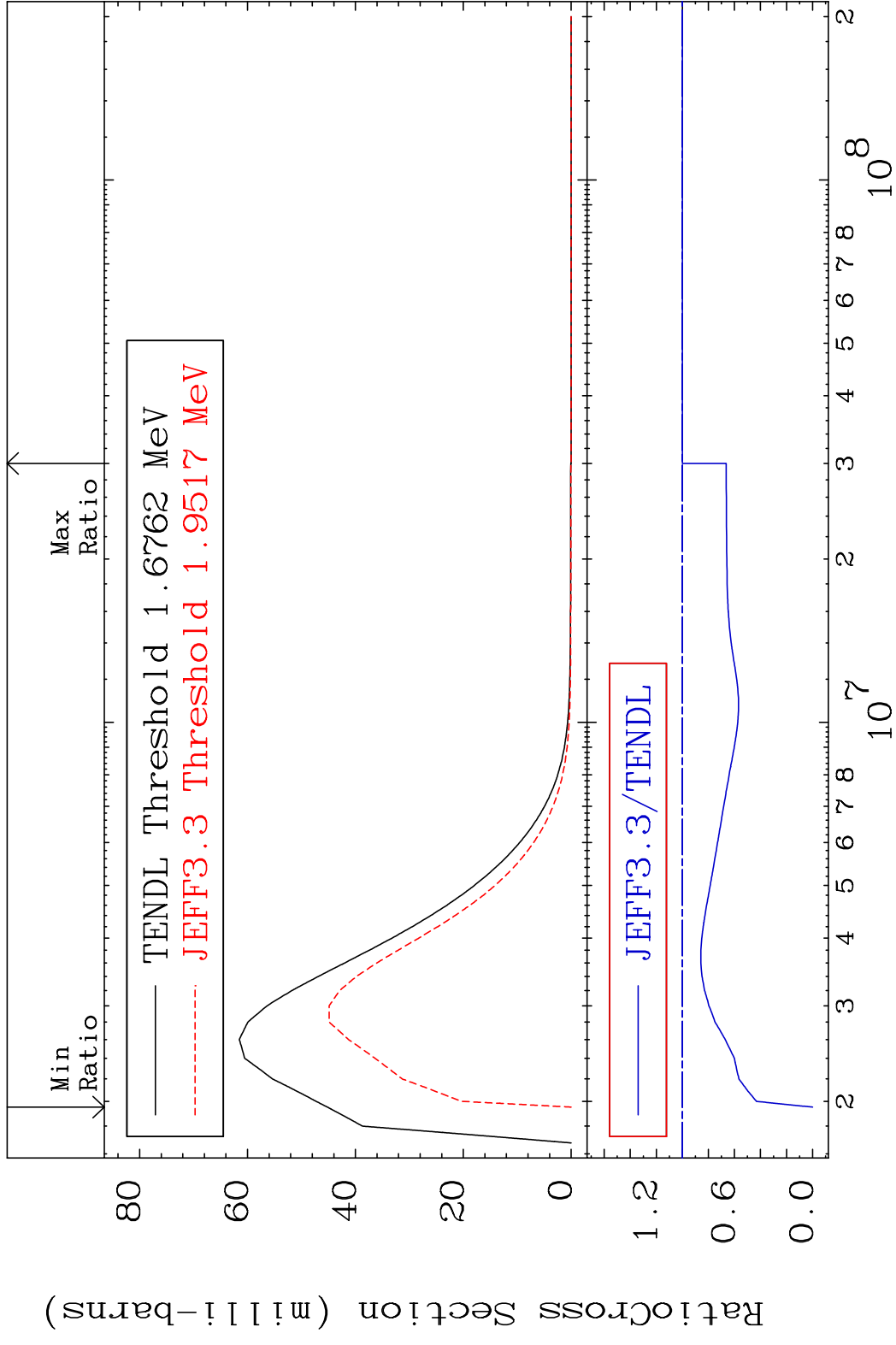
MAT 2640 MT= 63 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 0.000 %



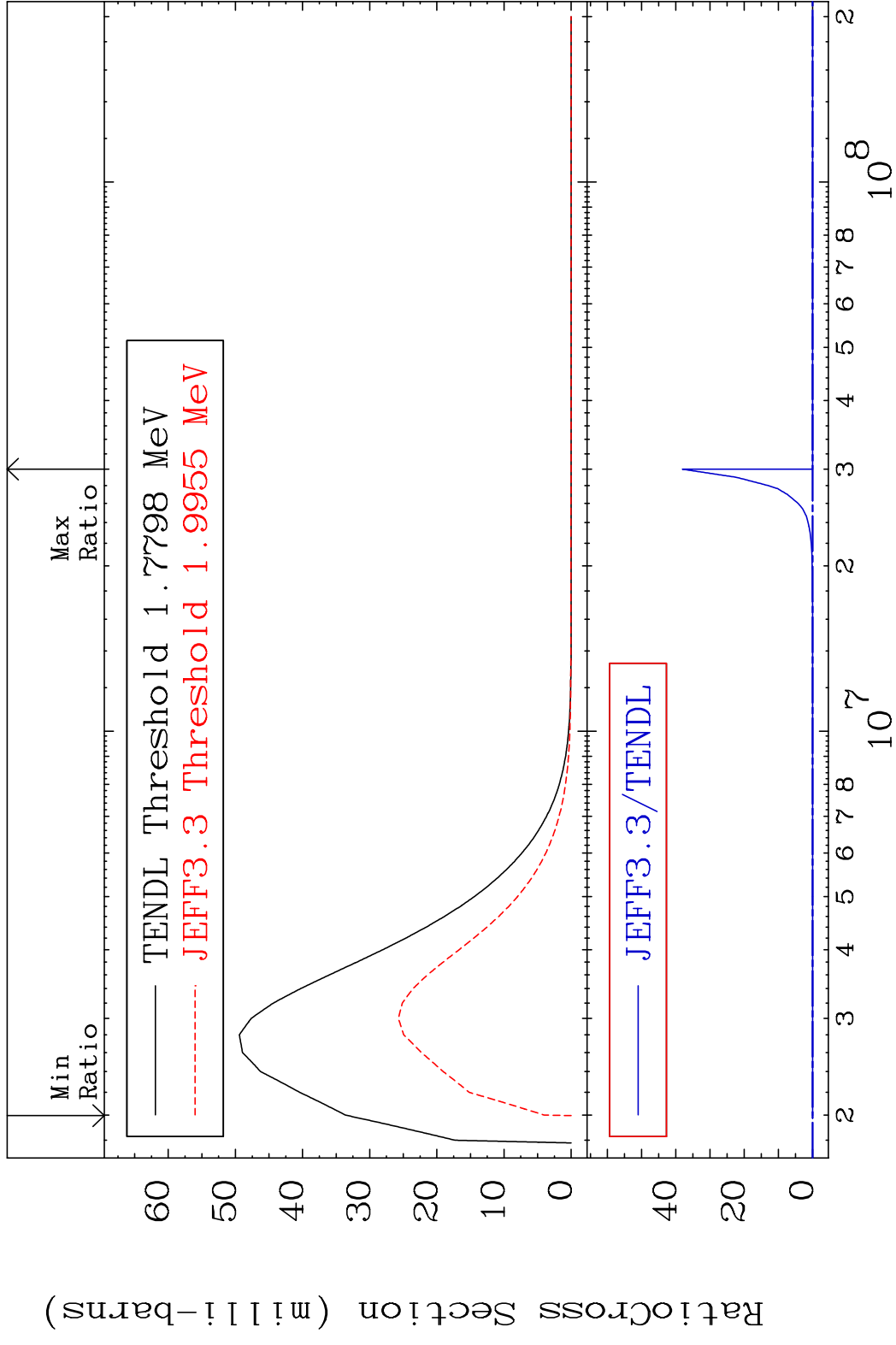
MAT 2640 MT= 64 (n,n') Level 26-Fe-59
 Cross Section -100.0 To 19.48 %



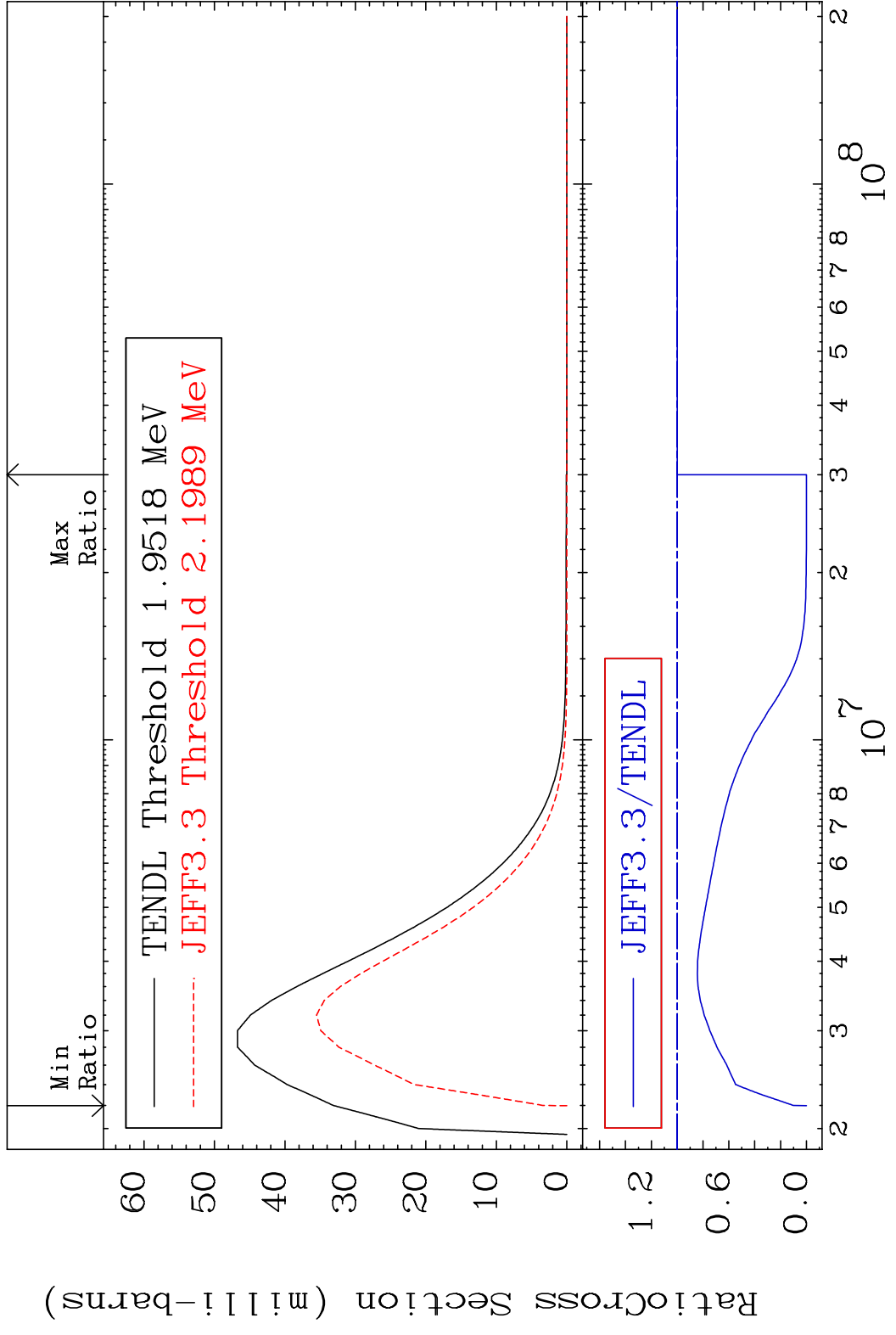
MAT 2640 MT= 65 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 0.000 %



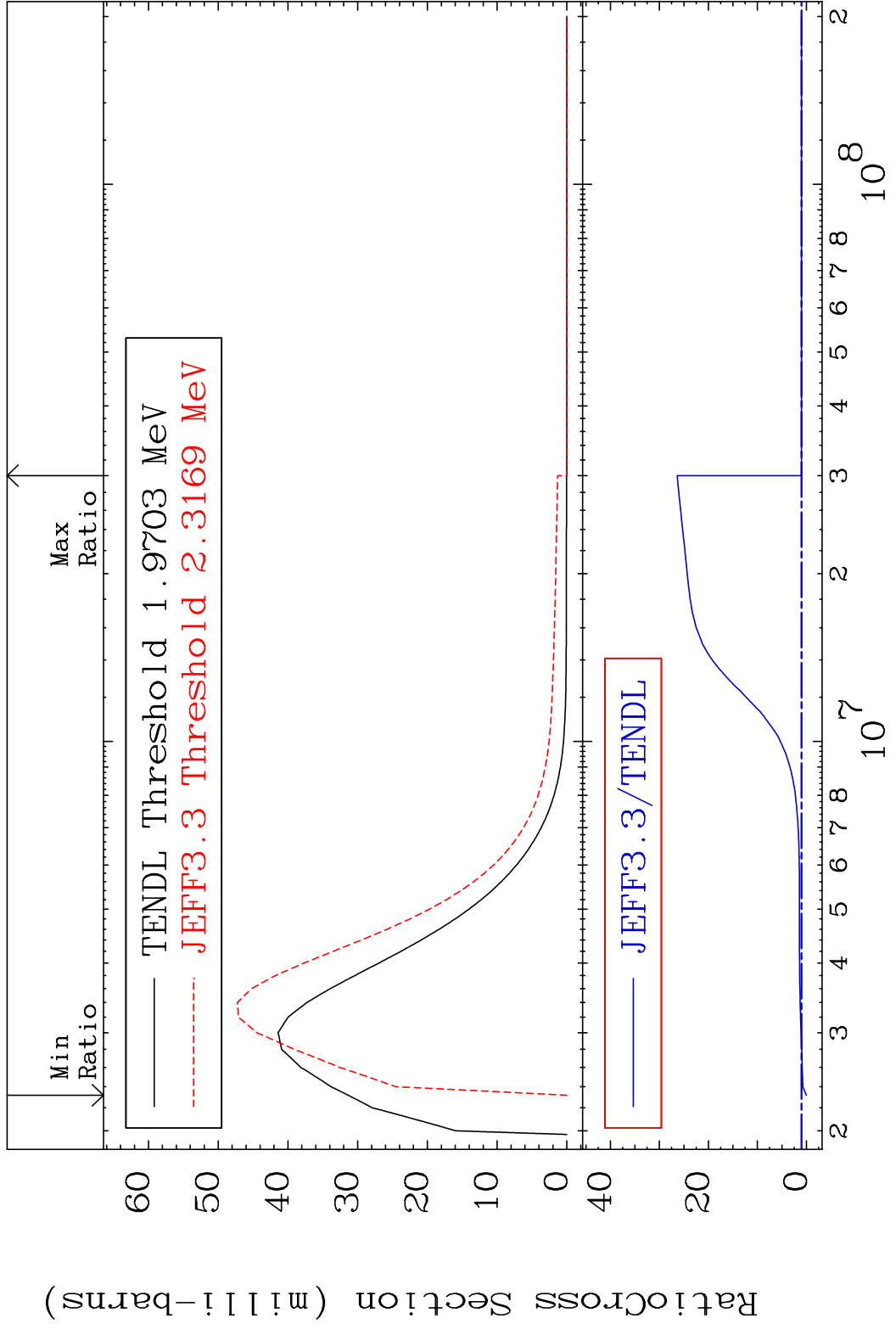
MAT 2640 MT= 66 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 9999. %



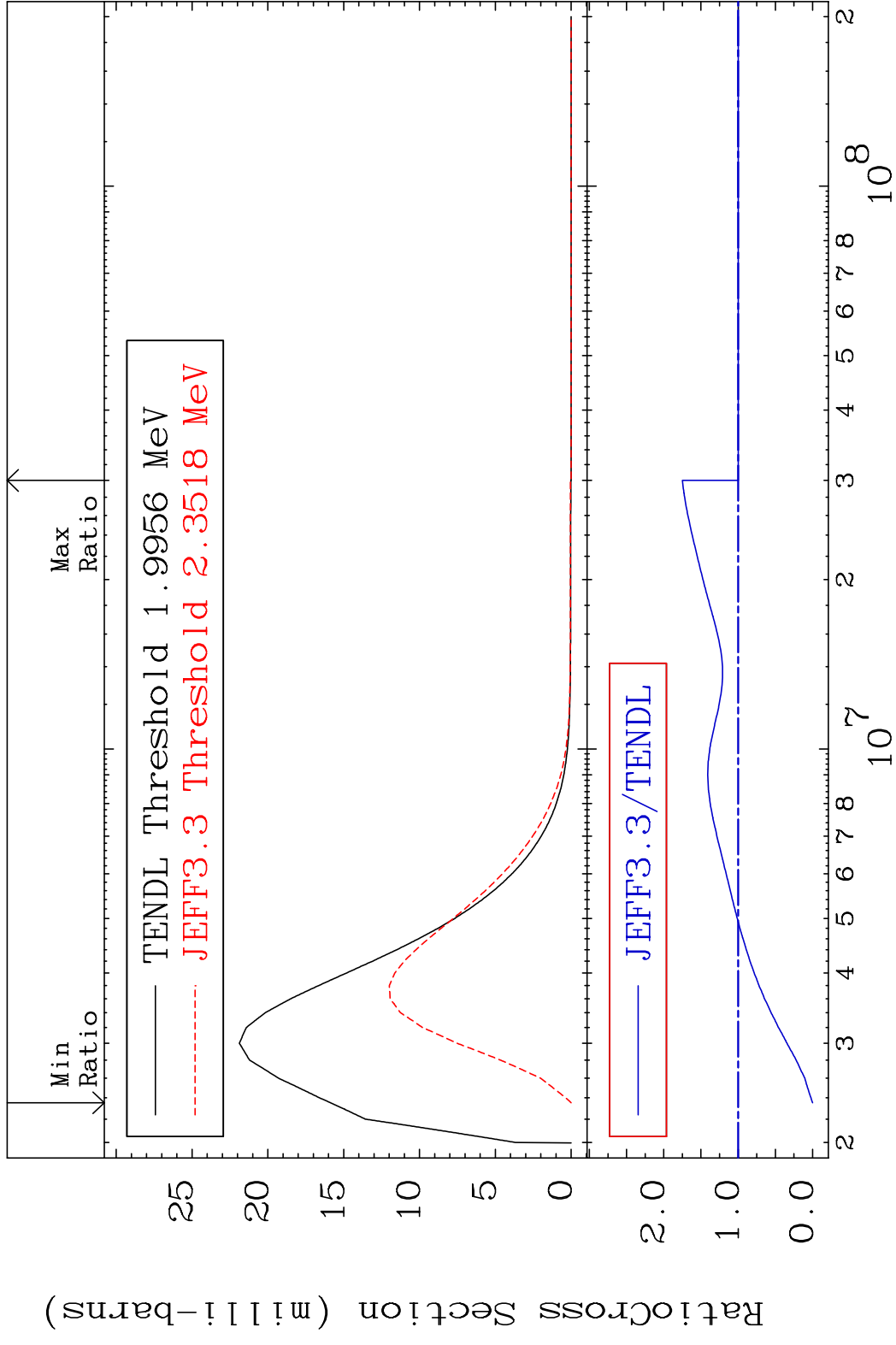
MAT 2640 MT= 67 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 0.000 %



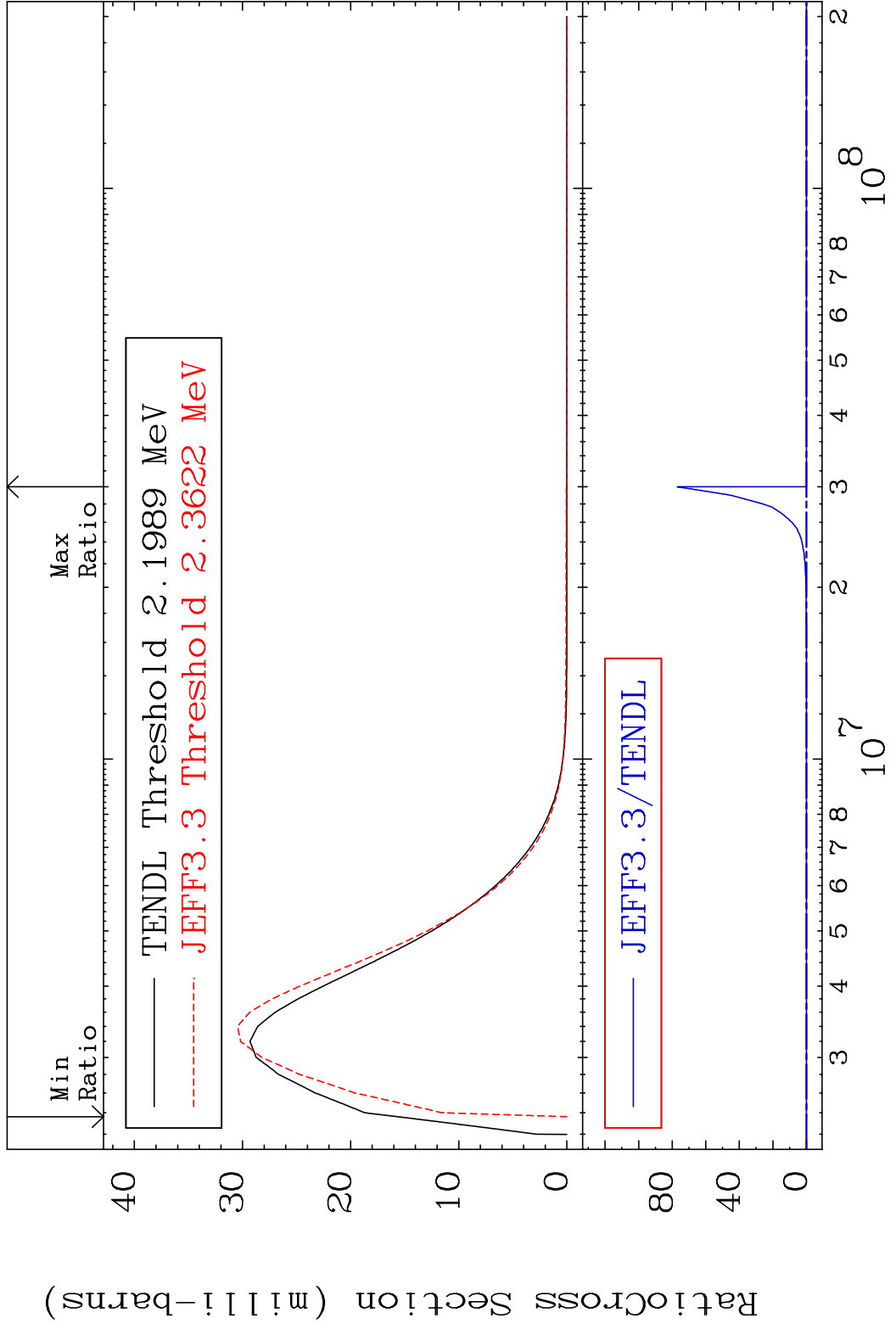
MAT 2640 MT= 68 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 2537. %



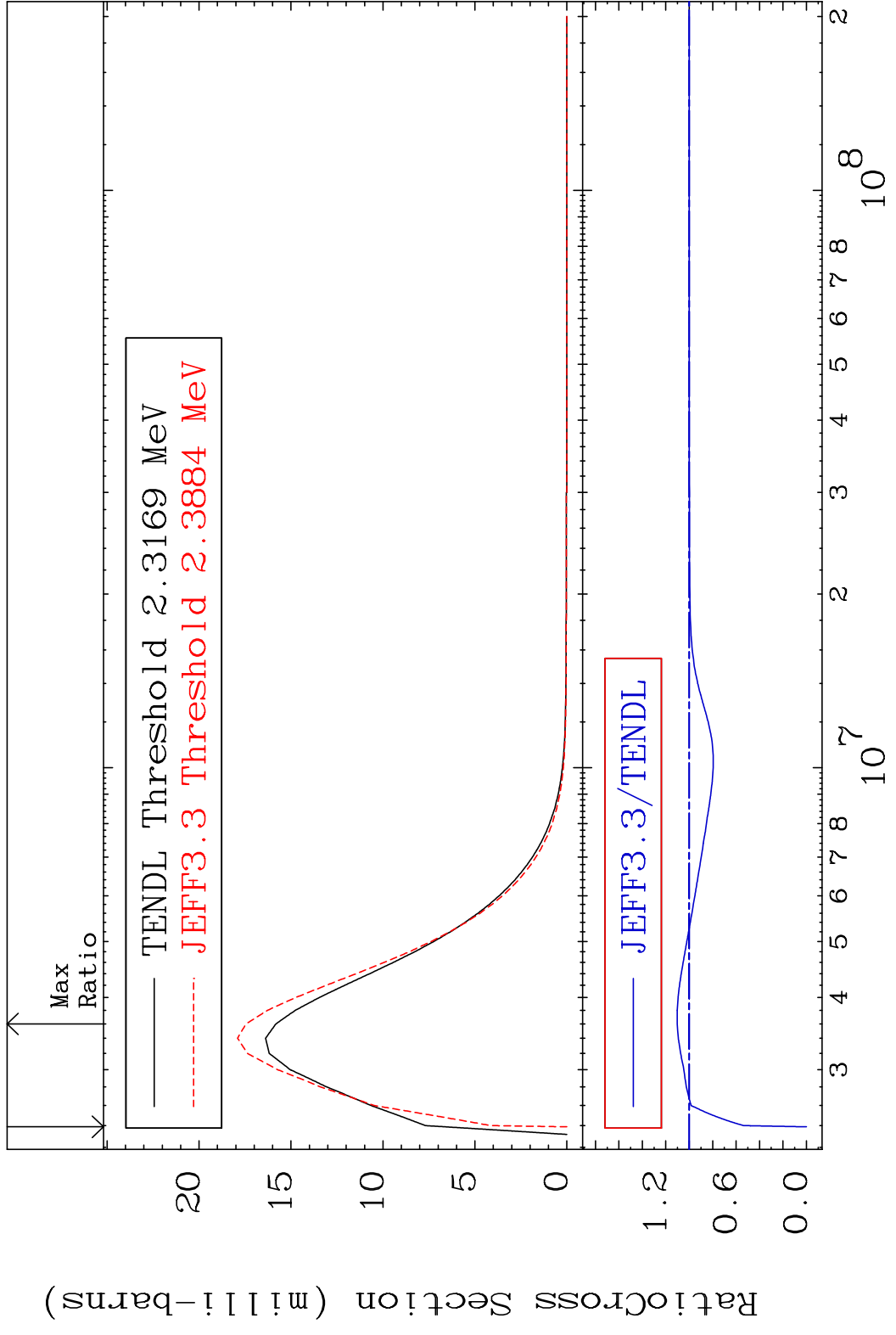
MAT 2640 MT= 69 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 75.00 %



MAT 2640 MT= 70 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 9999. %

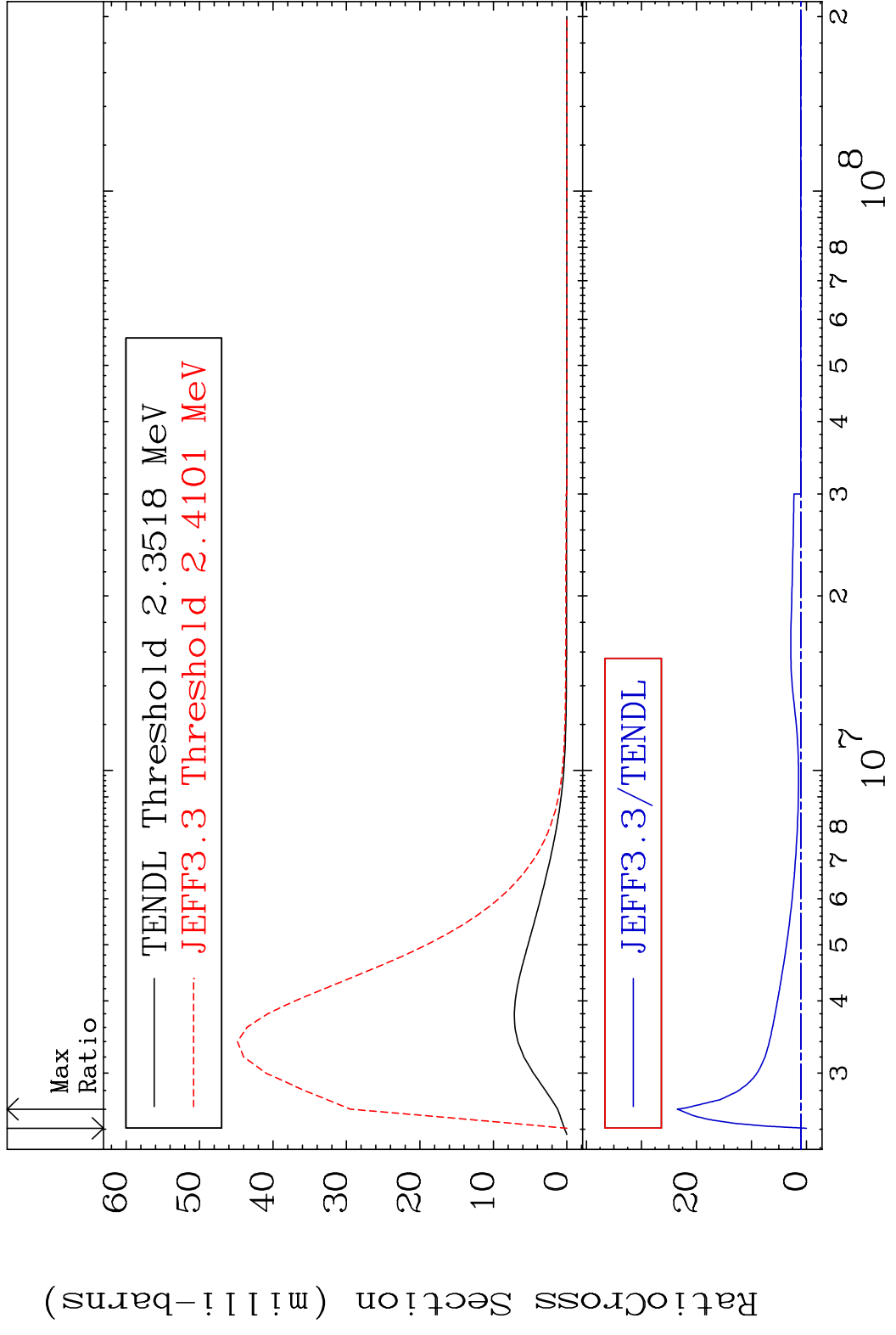


MAT 2640 MT= 71 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 10.26 %

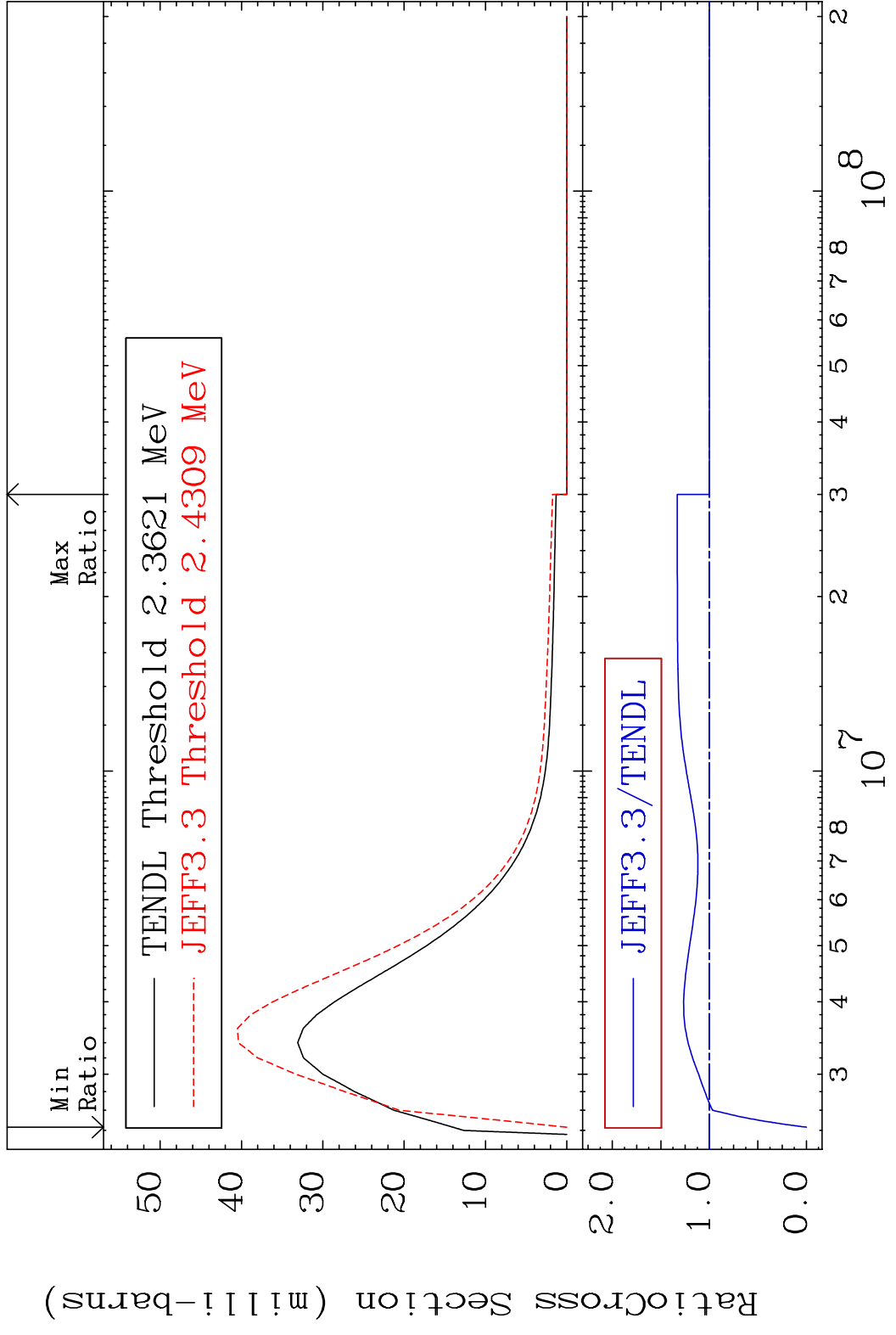


40 26-Fe-59

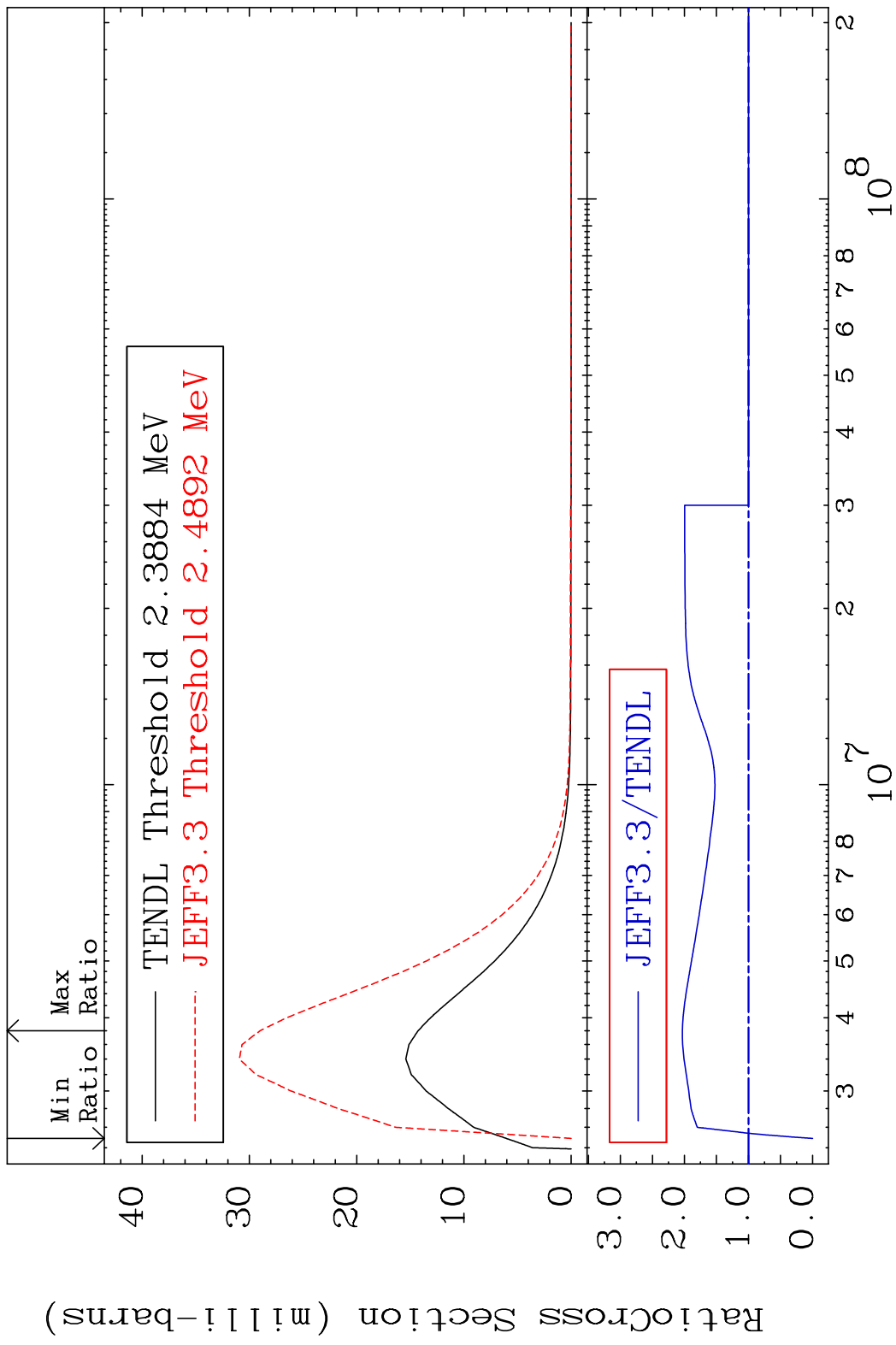
MAT 2640 MT= 72 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 2249. %



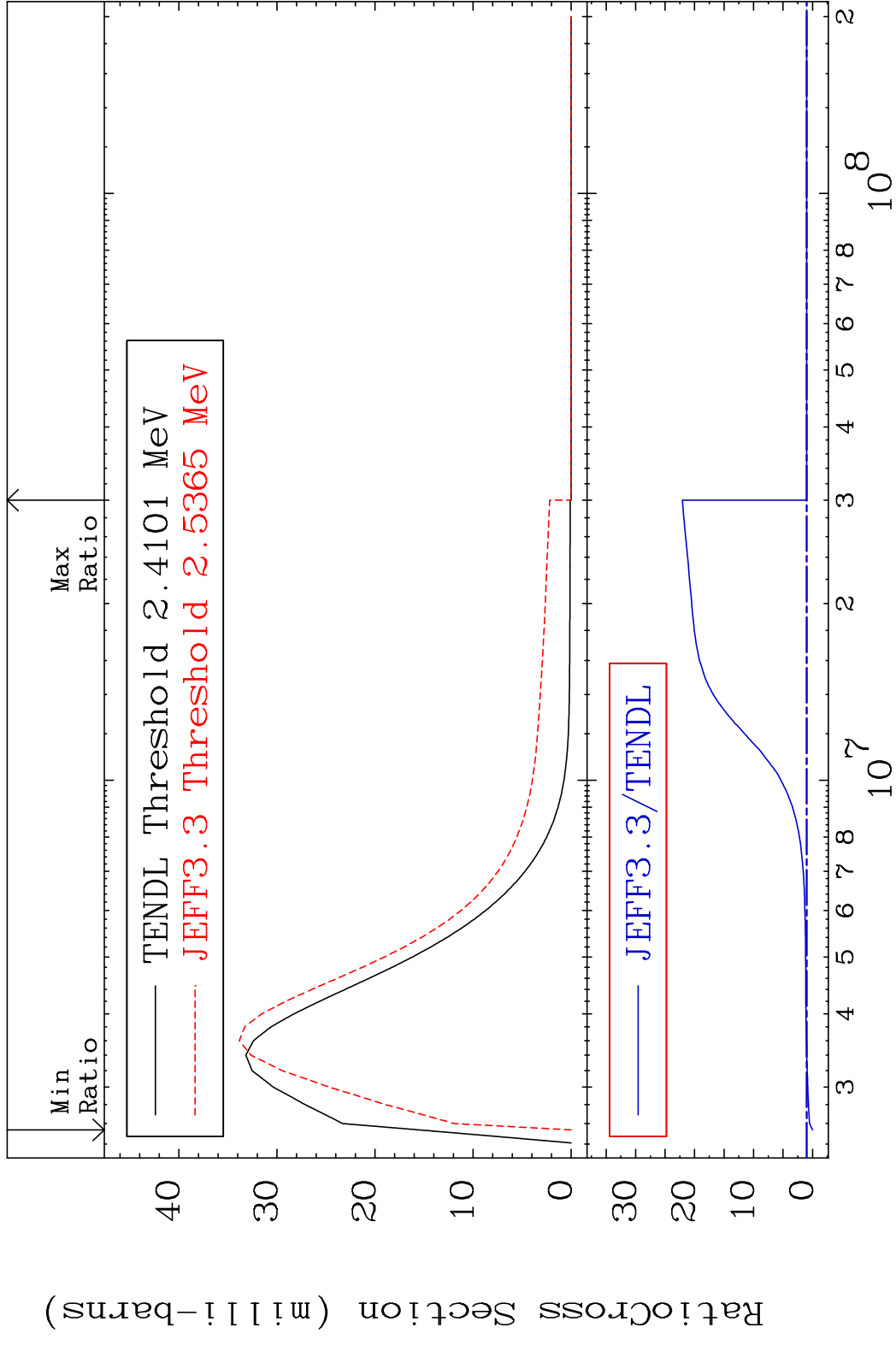
MAT 2640 MT= 73 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 33.19 %



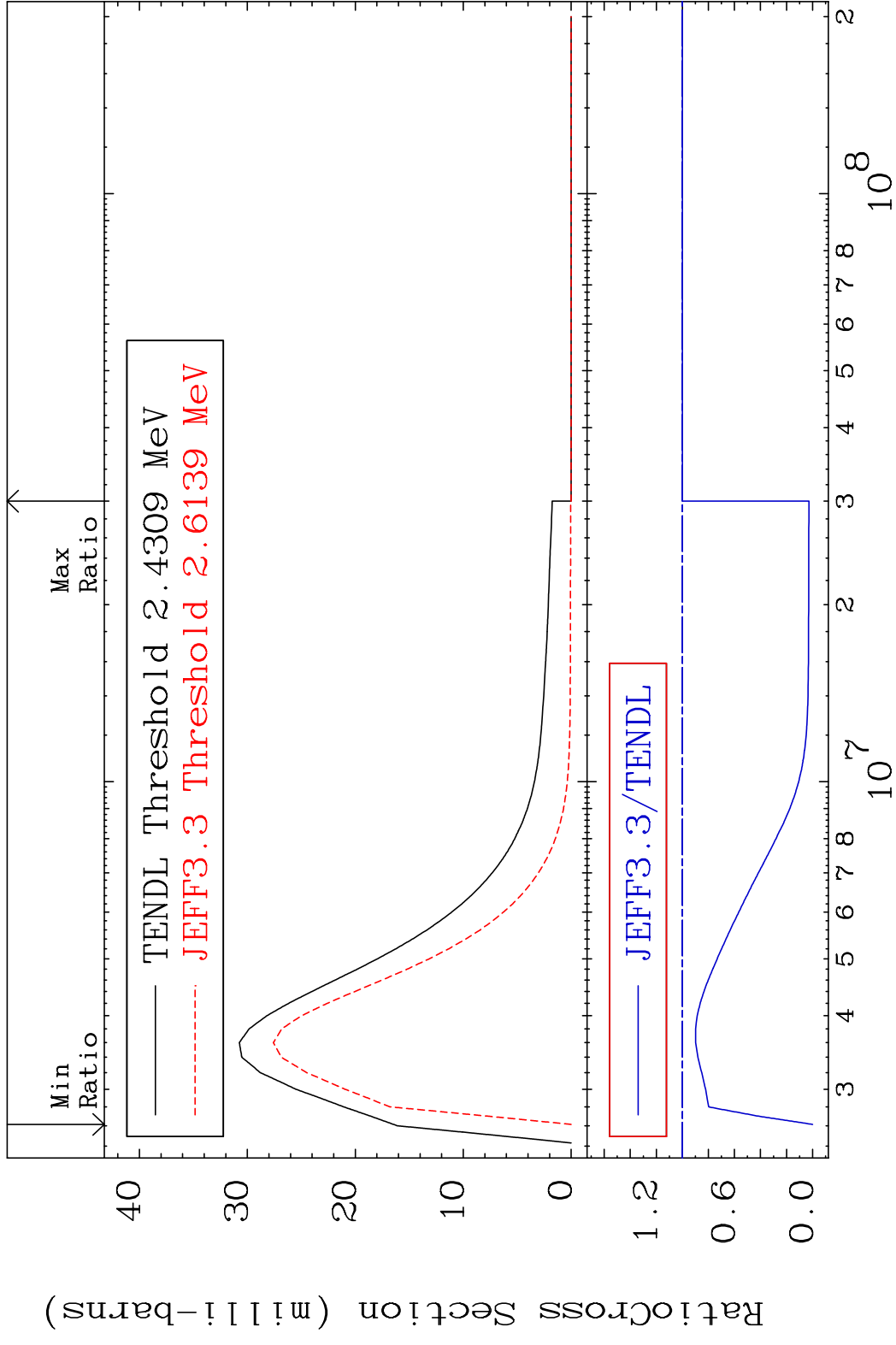
MAT 2640 MT= 74 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 103.3 %



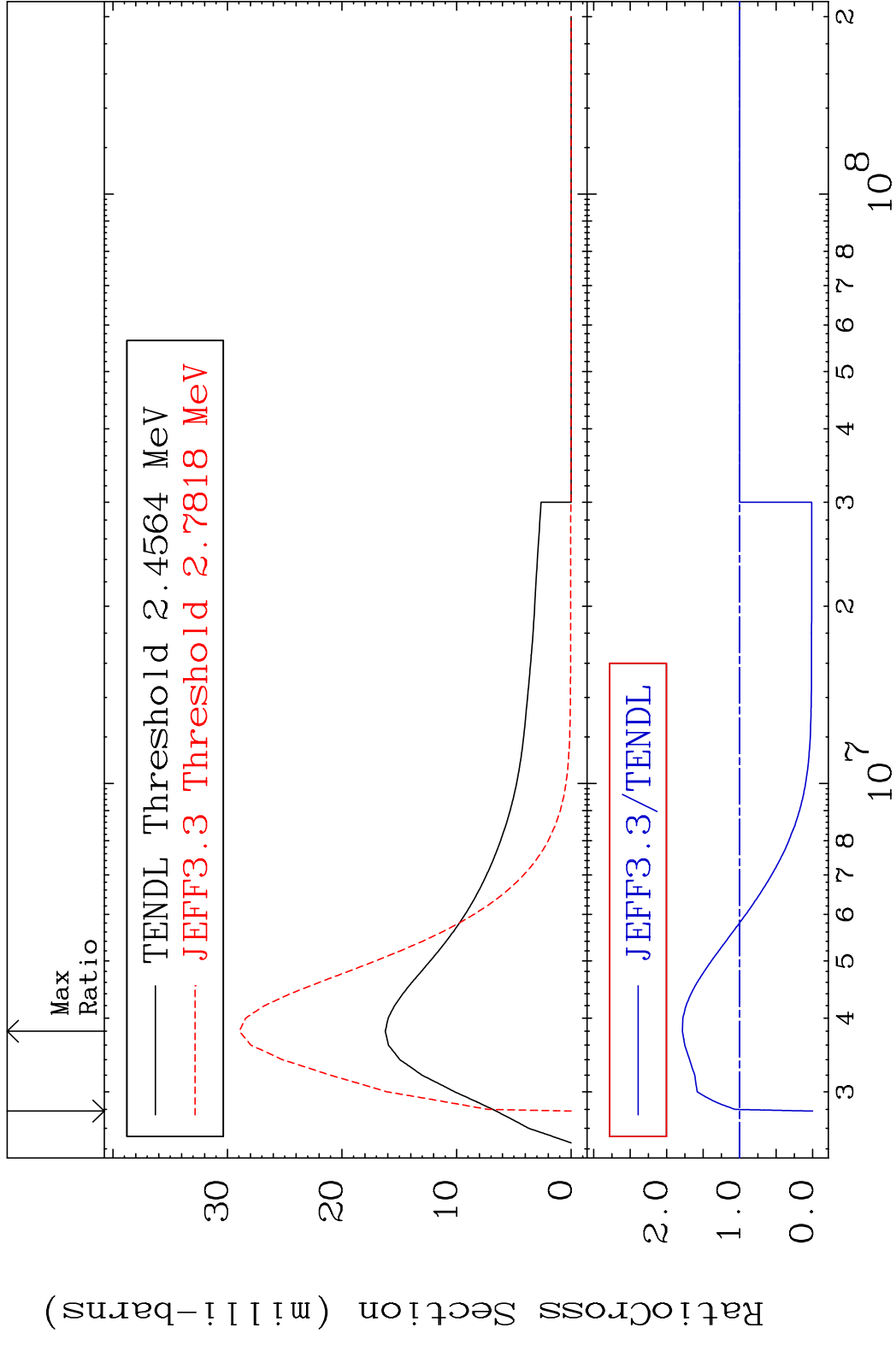
MAT 2640 MT= 75 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 2107. %



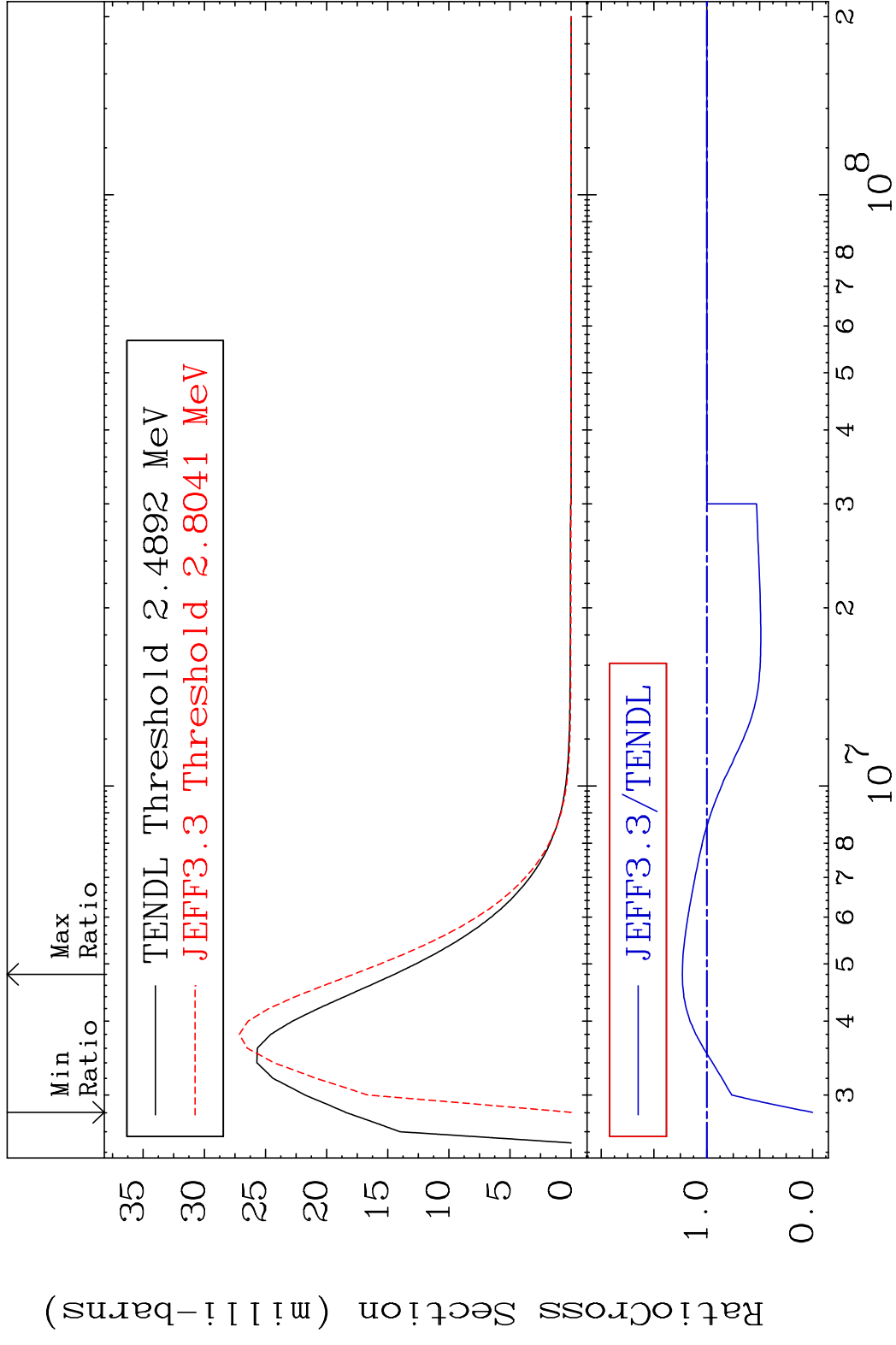
MAT 2640 MT= 76 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 0.000 %



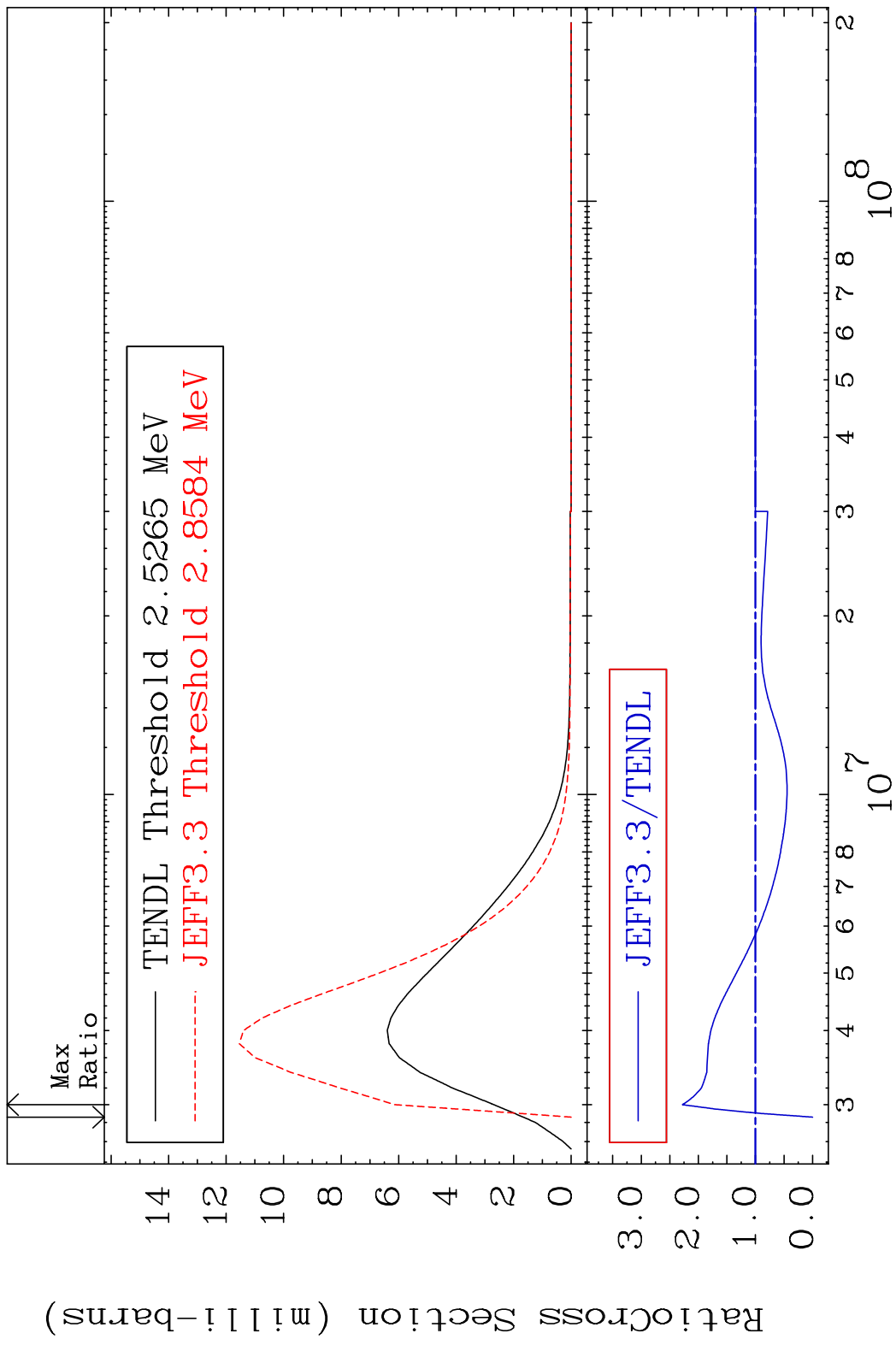
MAT 2640 MT= 77 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 78.55 %



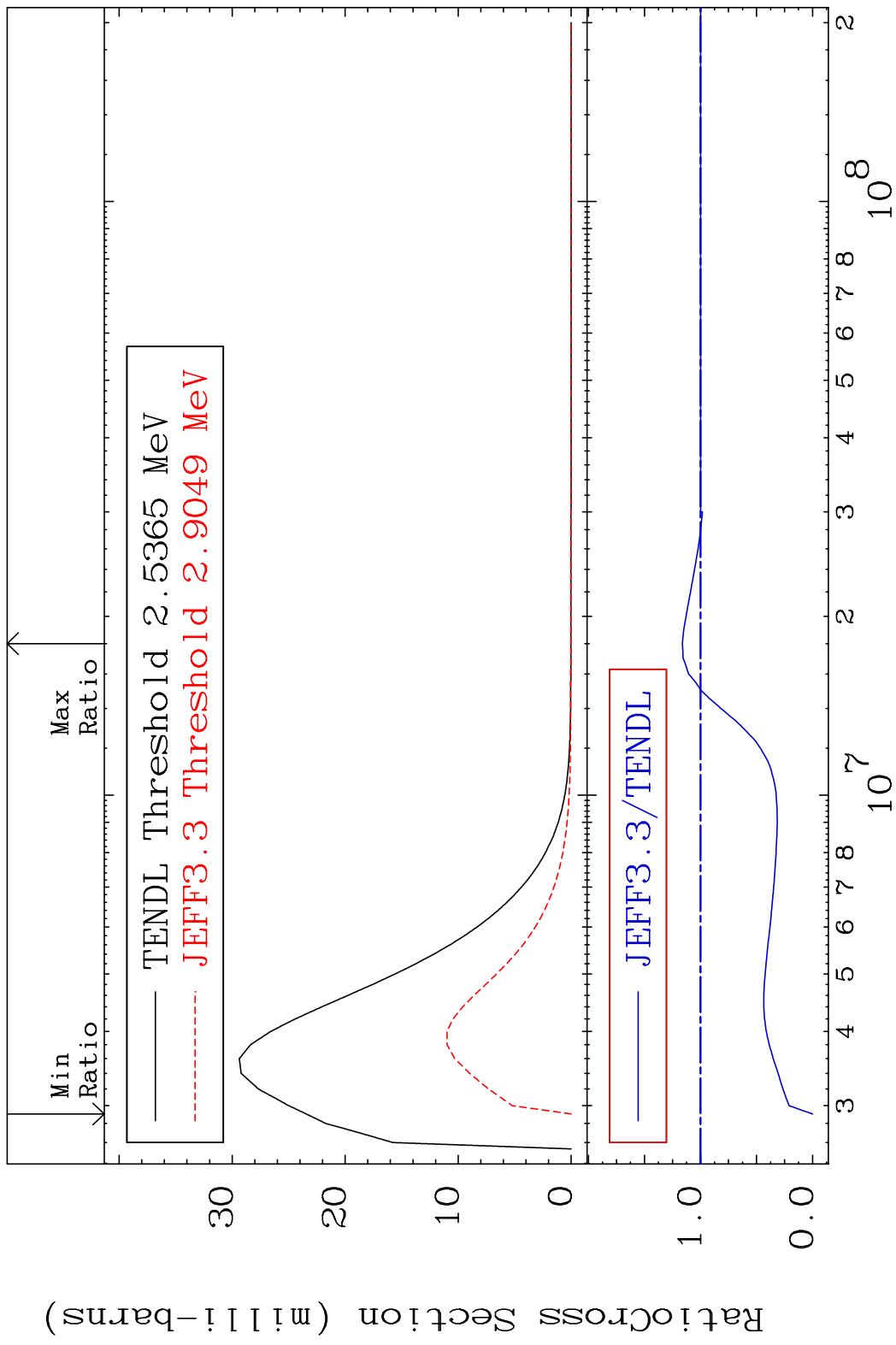
MAT 2640 MT= 78 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 23.16 %



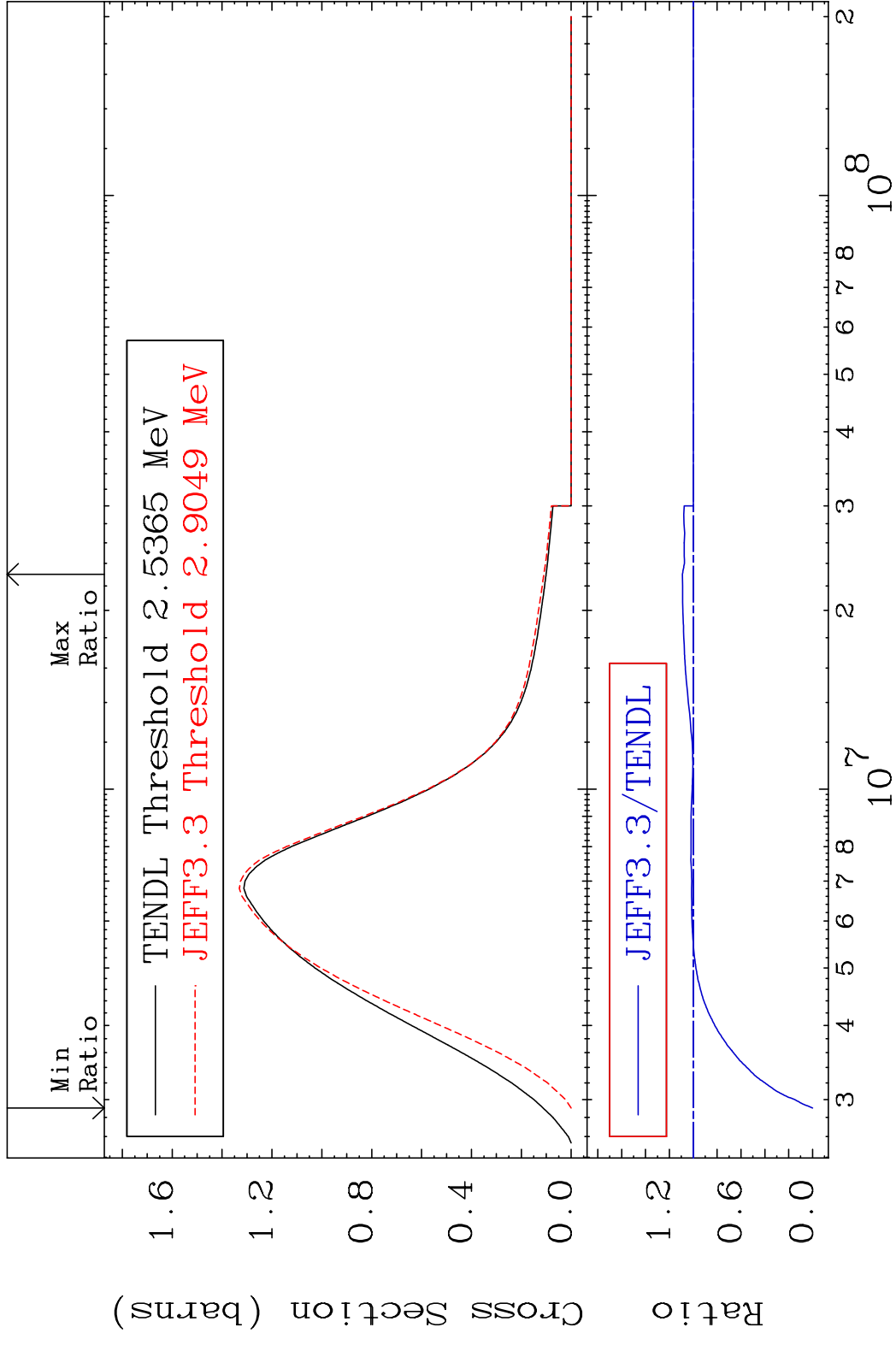
MAT 2640 MT= 79 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 128.0 %



MAT 2640 MT= 80 (n, n') Level 26-Fe-59
 Cross Section -100.0 To 16.22 %



MAT 2640 (n, n') Continuum 26-Fe-59
 Cross Section -100.0 To 9.142 %

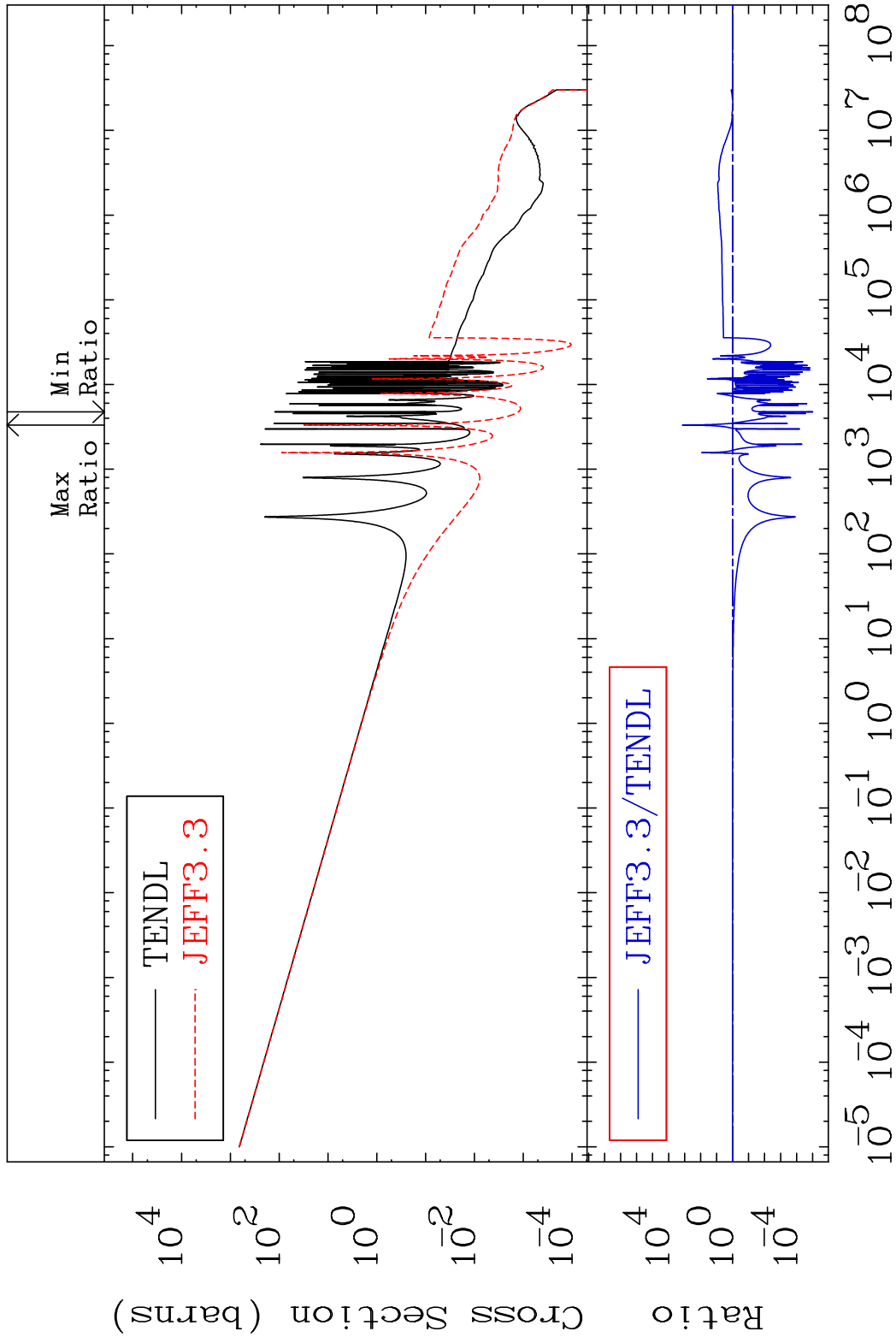


MAT 2640

(n, γ)

26-Fe-59

Cross Section -100.0 To 9999. %

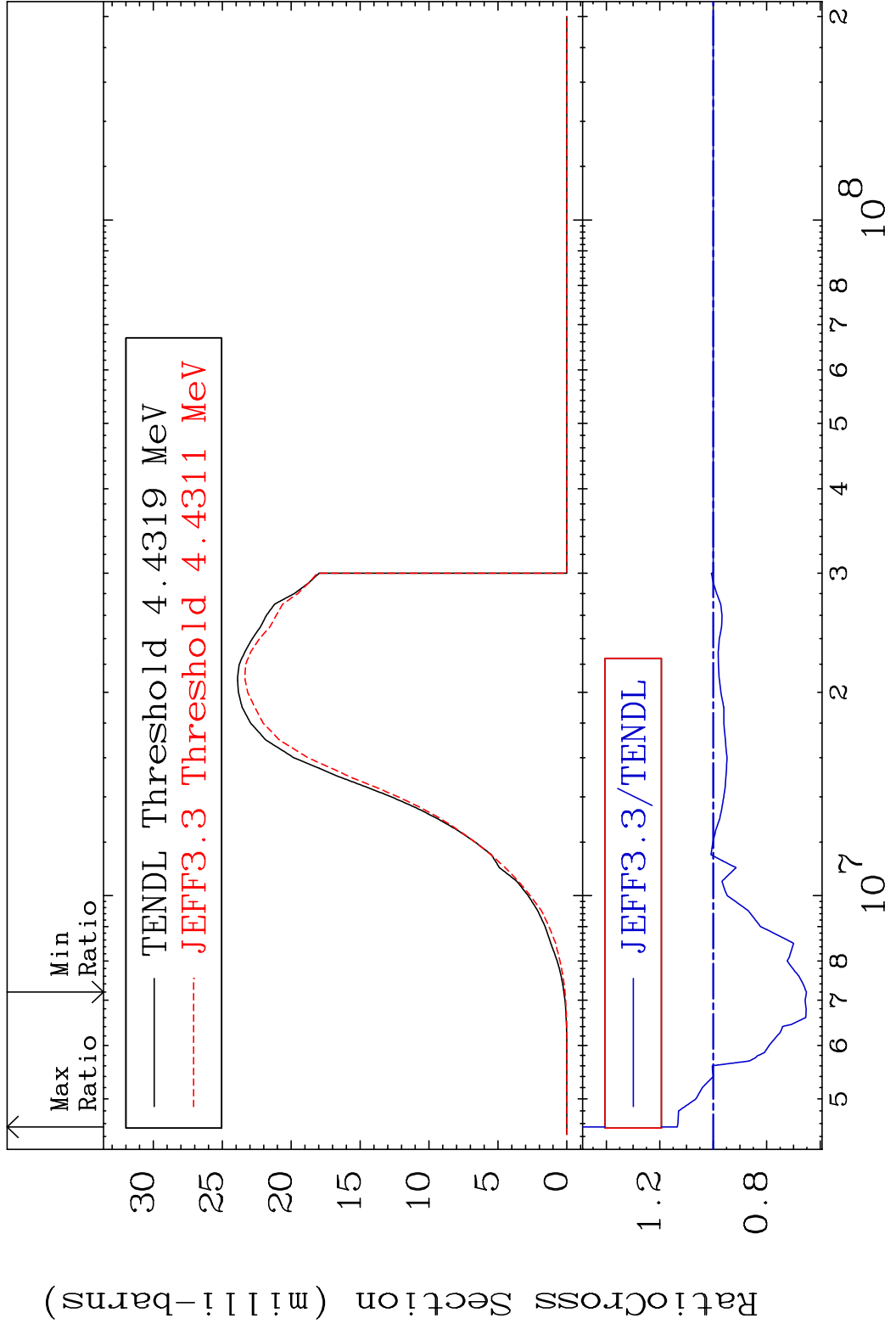


51

Incident Energy (eV)

26-Fe-59

MAT 2640 (n,p) 26-Fe-59
 Cross Section -34.85 To 13.51 %

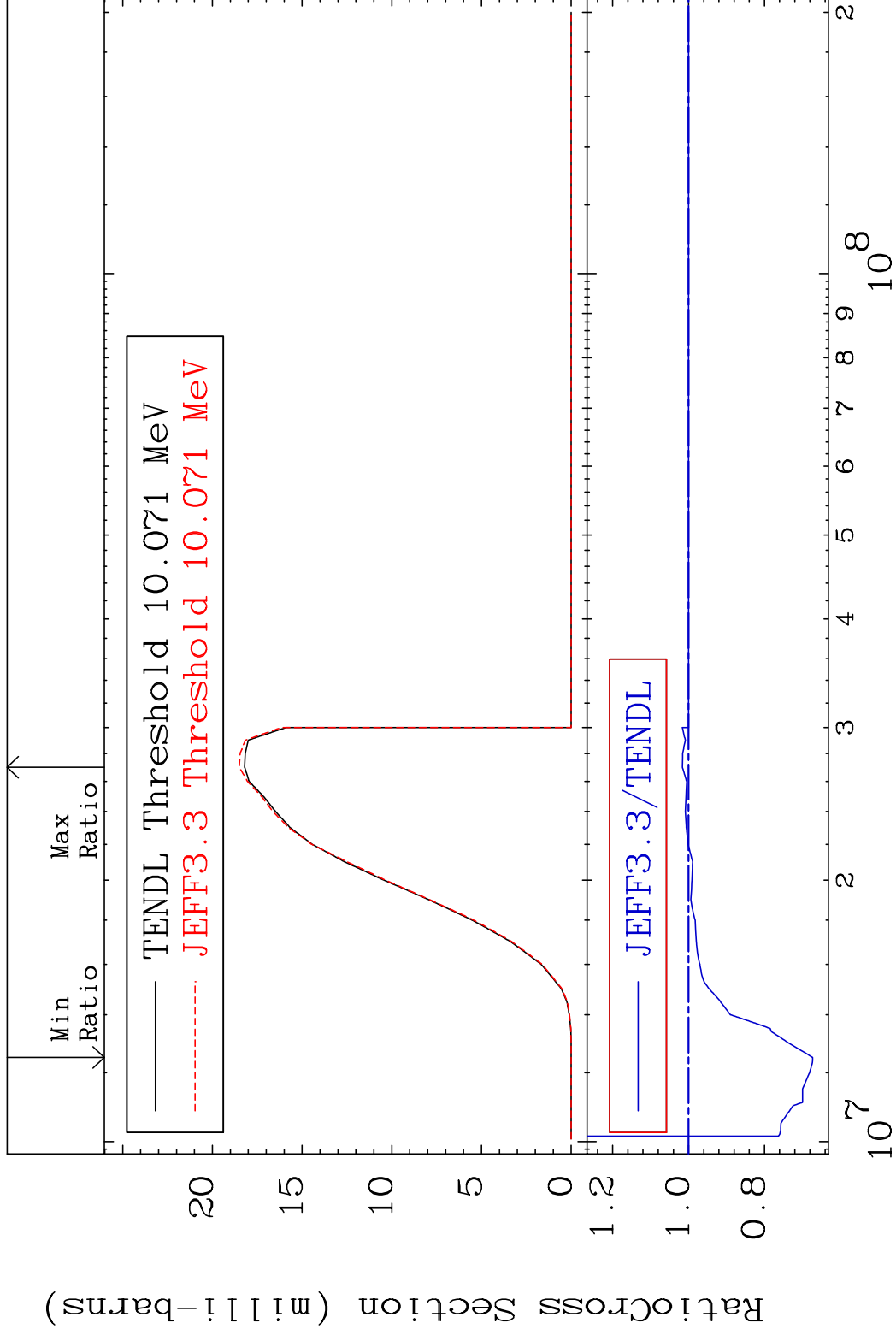


MAT 2640

(n, d)

²⁶Fe-59

Cross Section -32.70 To 1.636 %



53

Incident Energy (eV)

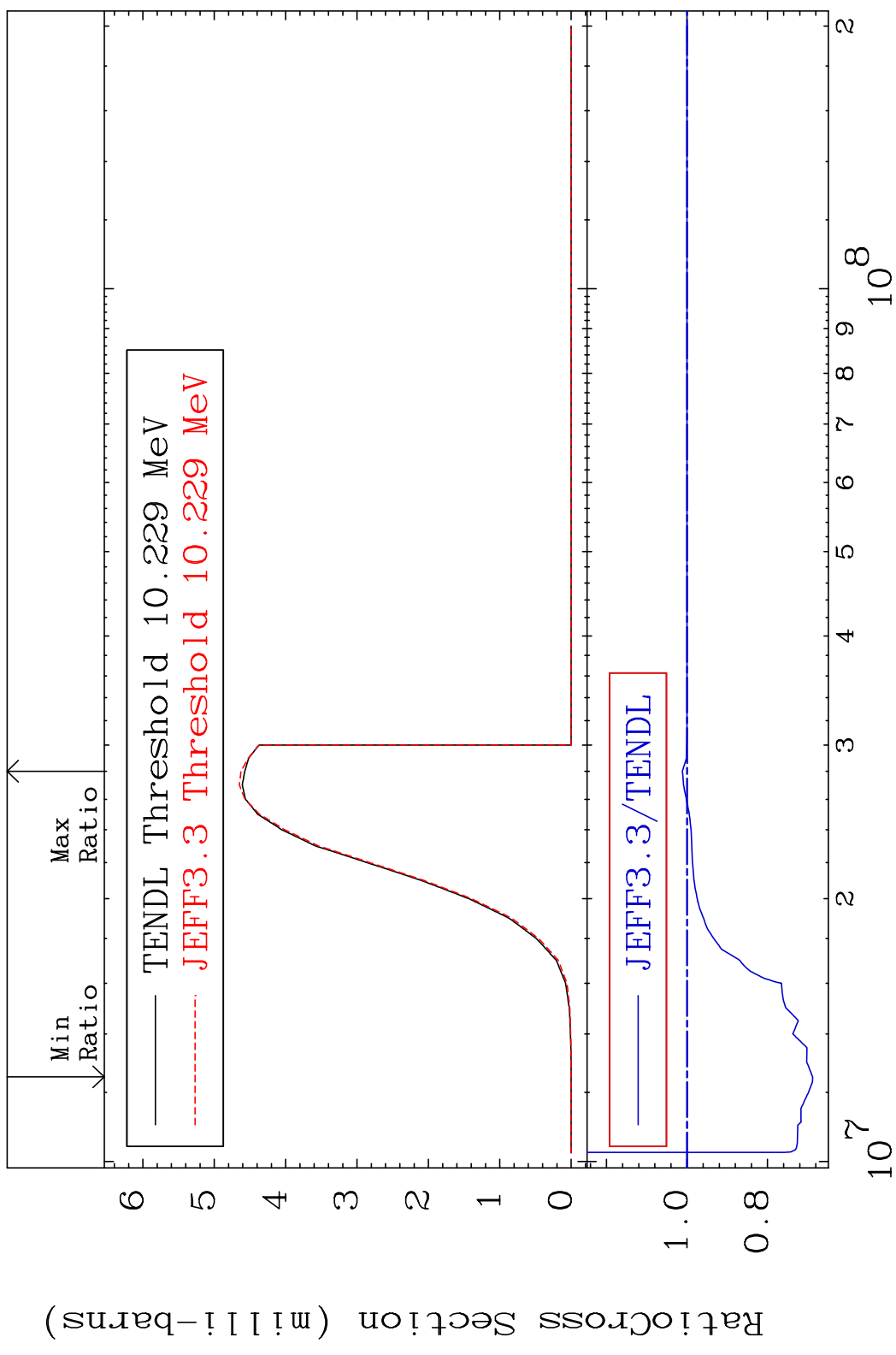
²⁶Fe-59

MAT 2640

(n, t)

²⁶Fe-59

Cross Section -31.18 To 1.166 %

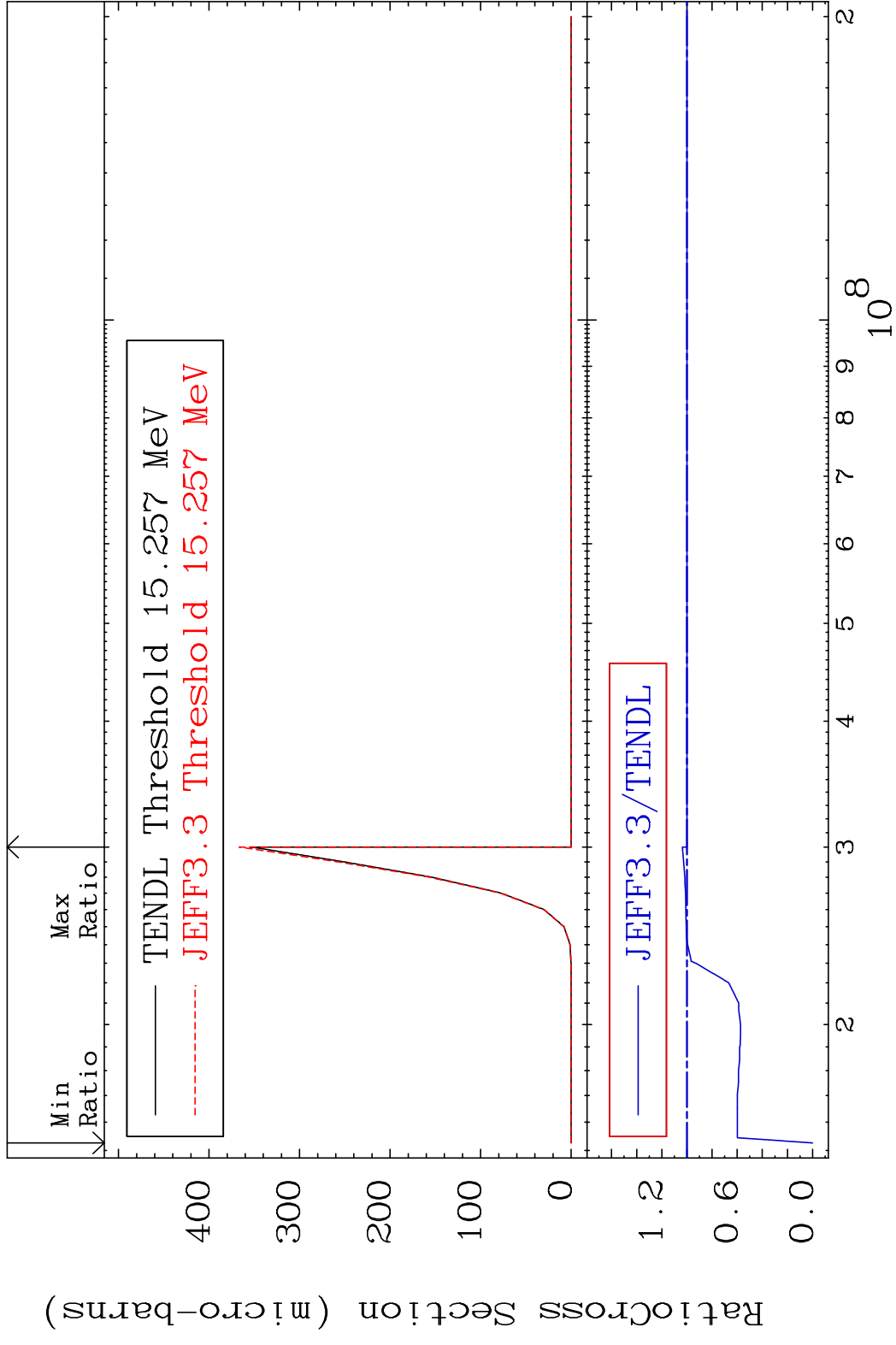


54

Incident Energy (eV)

²⁶Fe-59

MAT 2640 (n, He-3) 26-Fe-59
 Cross Section -100.0 To 3.636 %

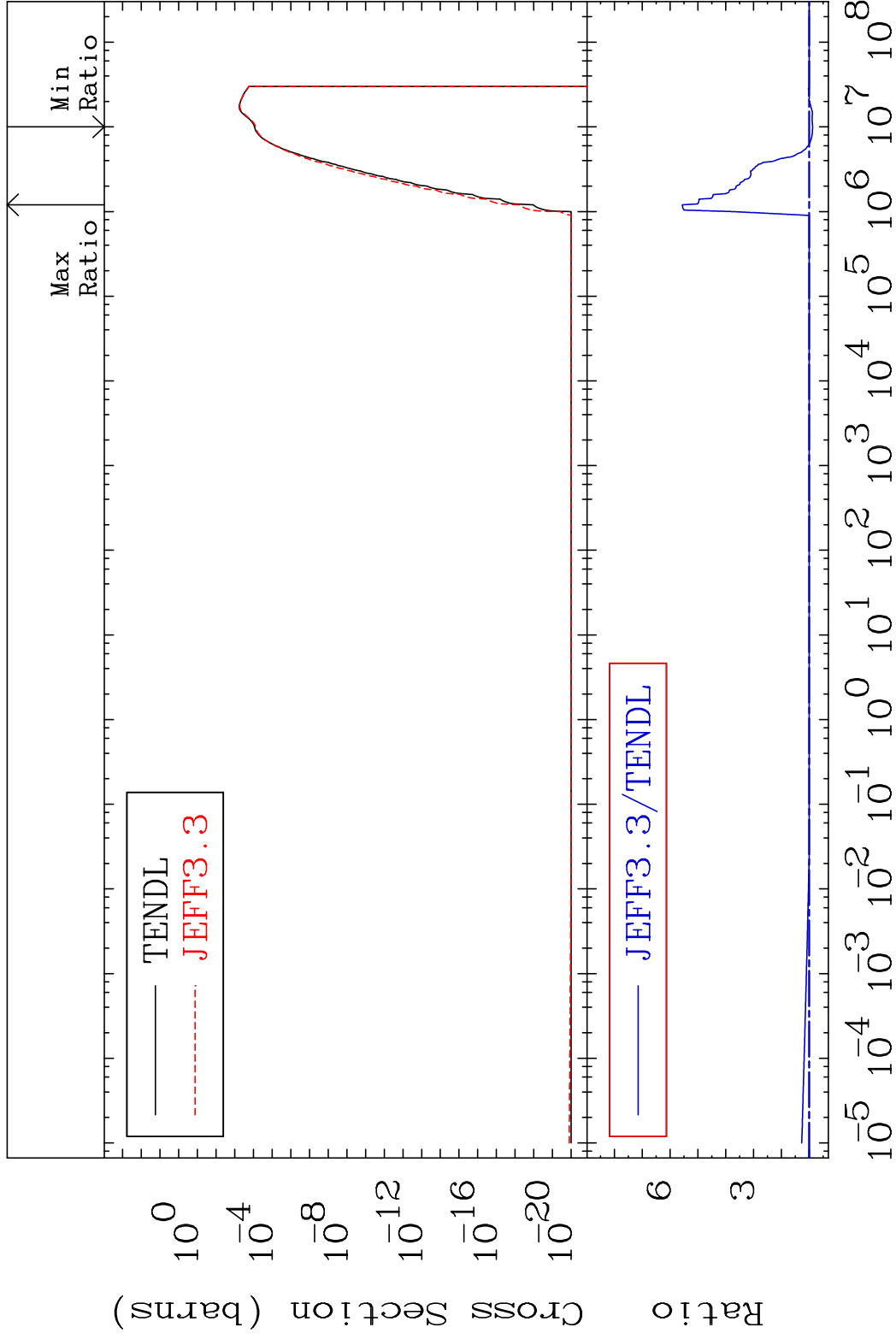


MAT 2640

(n, α)

26-Fe-59

Cross Section -11.79 To 455.9 %

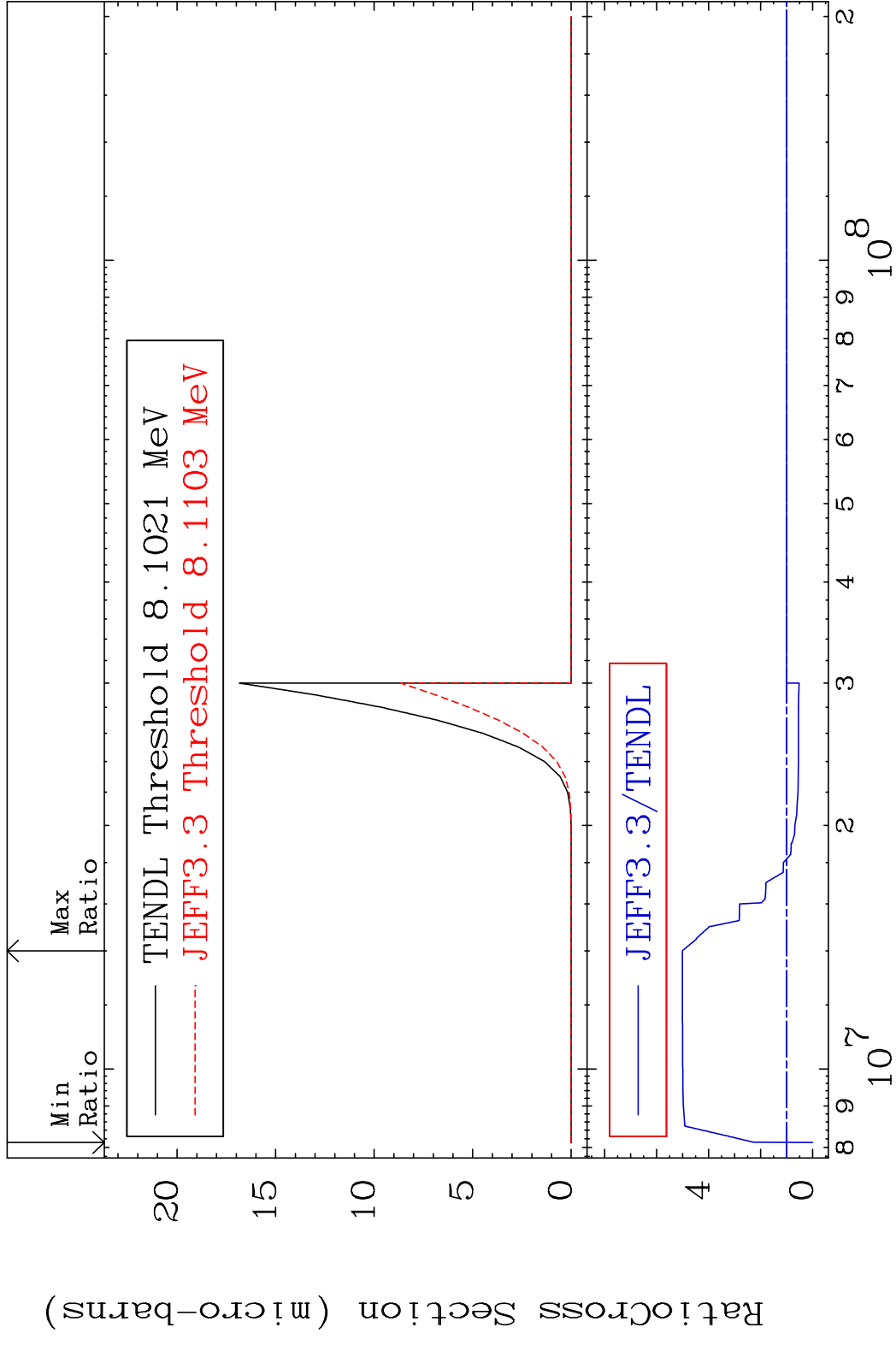


56

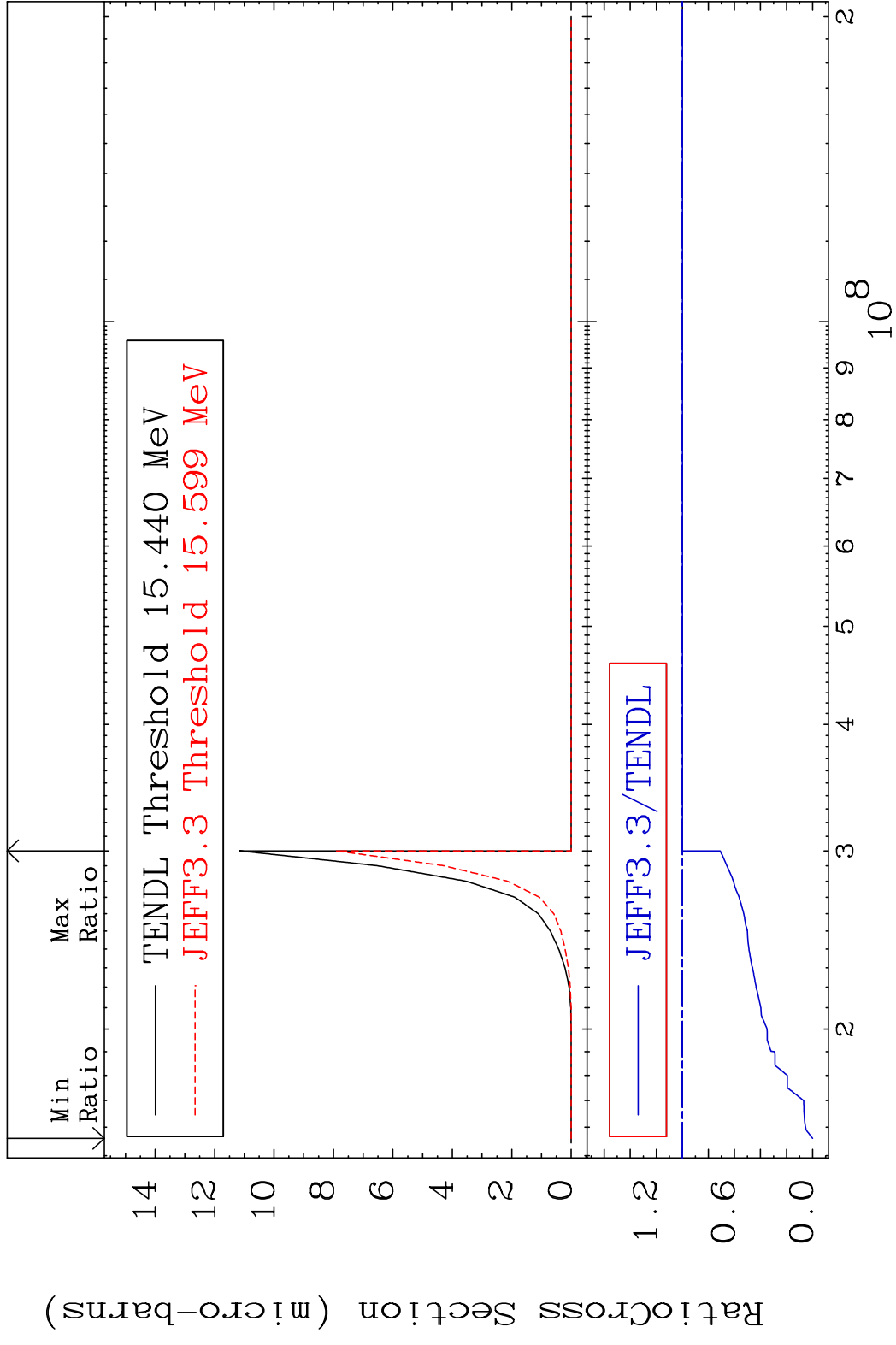
Incident Energy (eV)

26-Fe-59

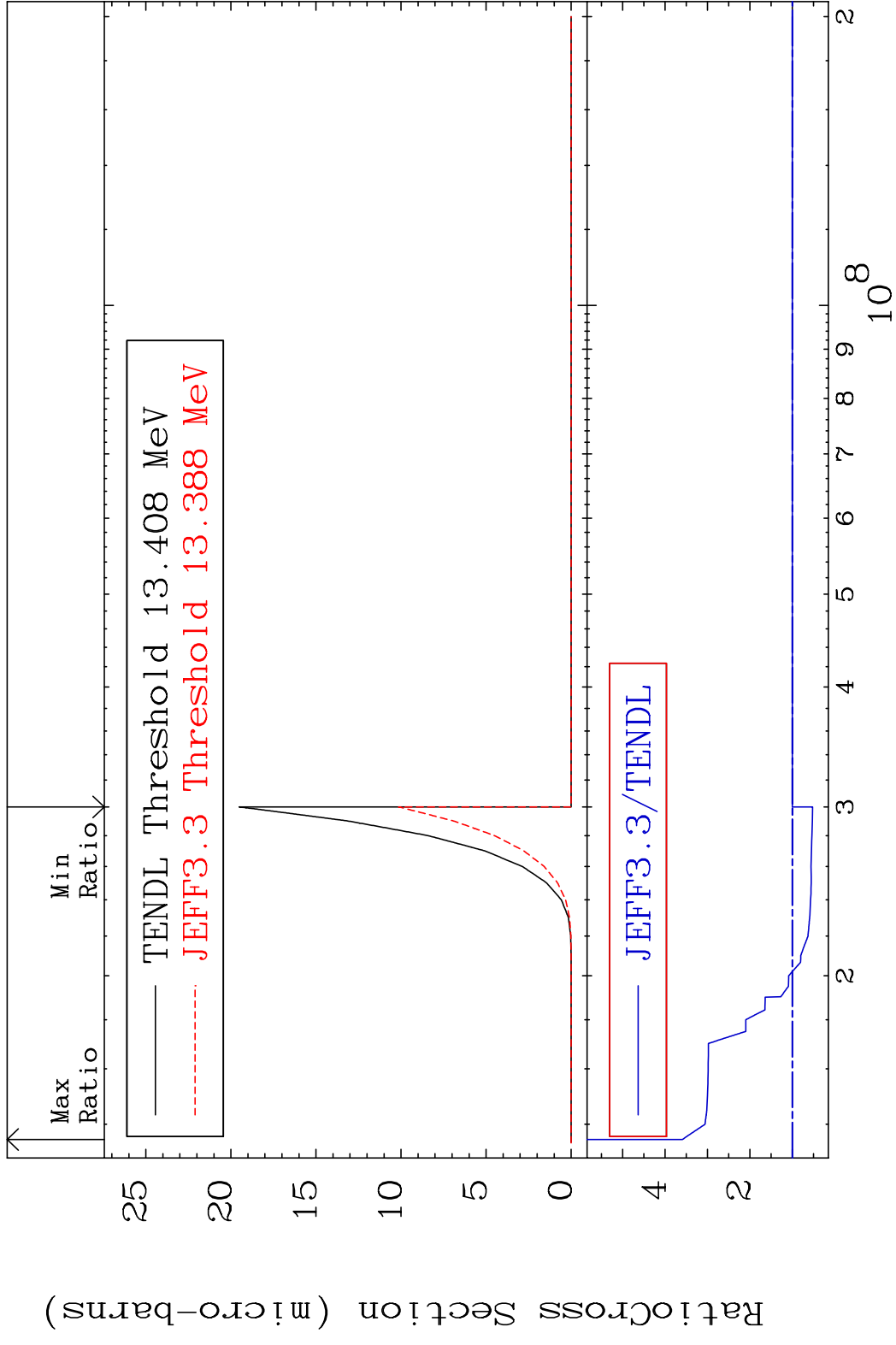
MAT 2640 (n,2α) 26-Fe-59
 Cross Section -100.0 To 401.0 %



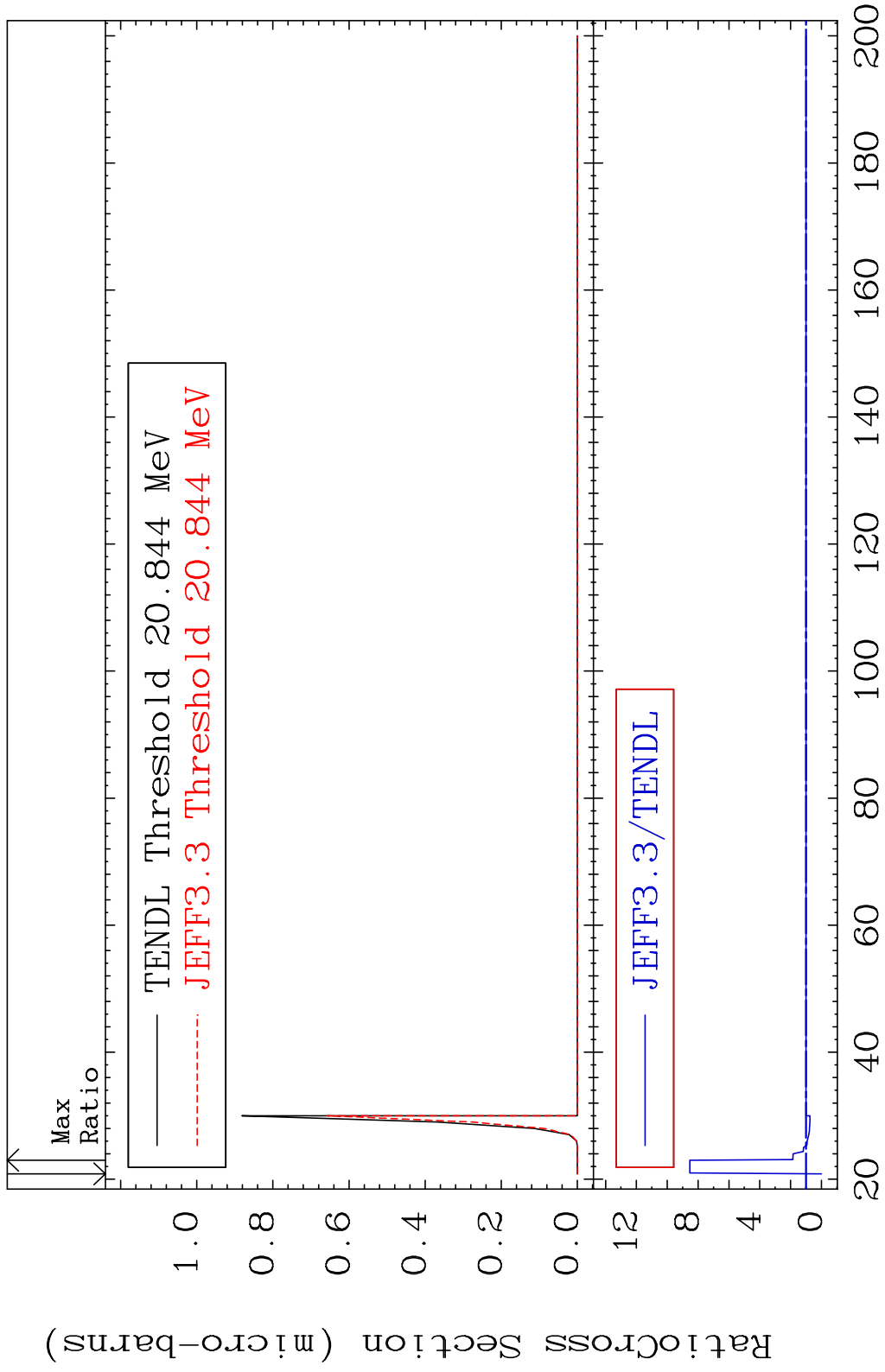
MAT 2640 (n,2p) 26-Fe-59
 Cross Section -100.0 To 0.000 %



MAT 2640 (n,p) α ²⁶Fe-59
 Cross Section -48.00 To 259.2 %

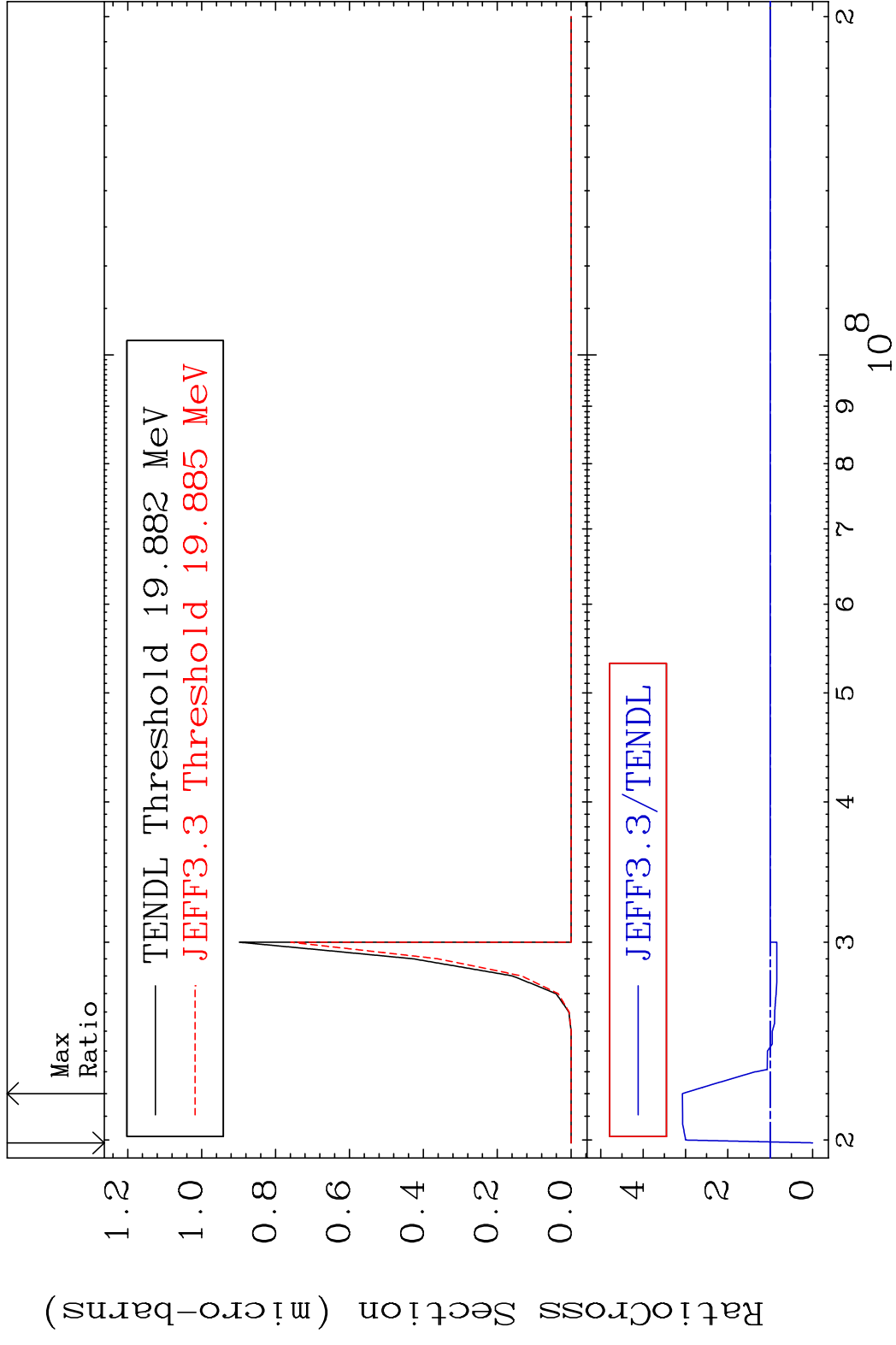


MAT 2640 (n,p) d 26-Fe-59
Cross Section -100.0 To 753.8 %

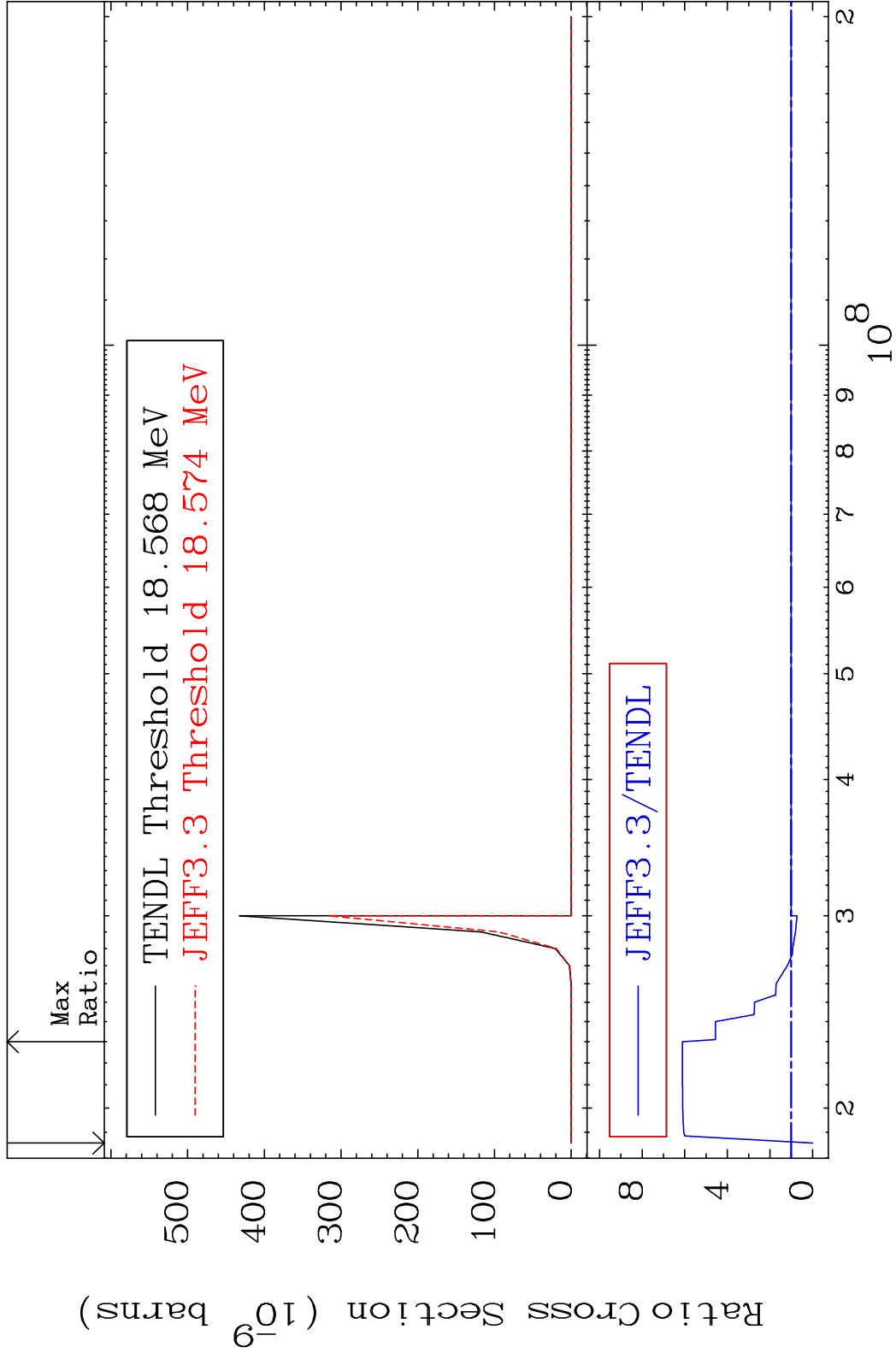


60 Incident Energy (MeV) 26-Fe-59

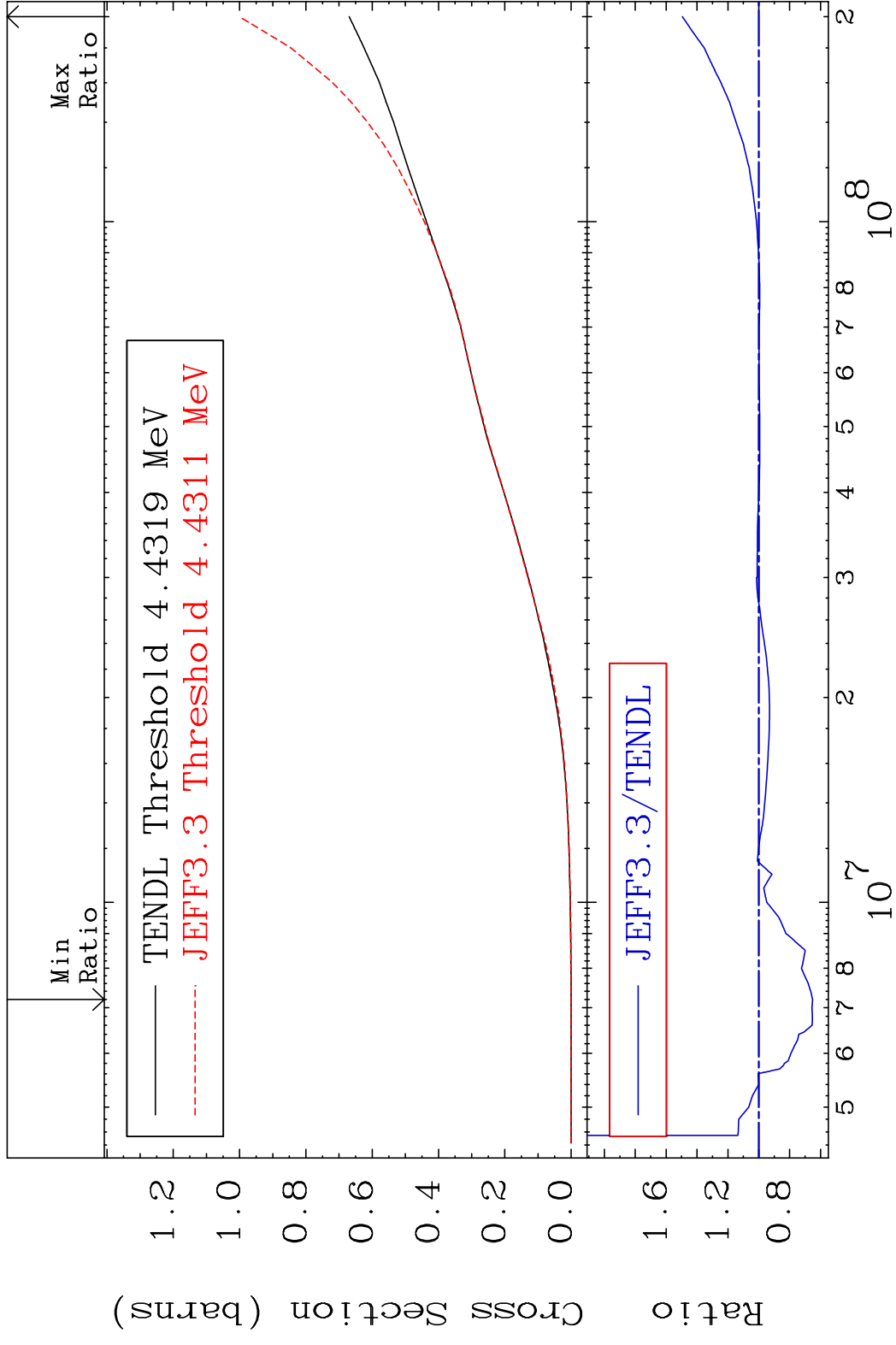
MAT 2640 (n,p) t 26-Fe-59
 Cross Section -100.0 To 207.4 %



MAT 2640 (n,d) α $^{26}\text{Fe-59}$
 Cross Section -100.0 To 511.4 %



MAT 2640 Hydrogen Production 26-Fe-59
 Cross Section -34.85 To 49.50 %

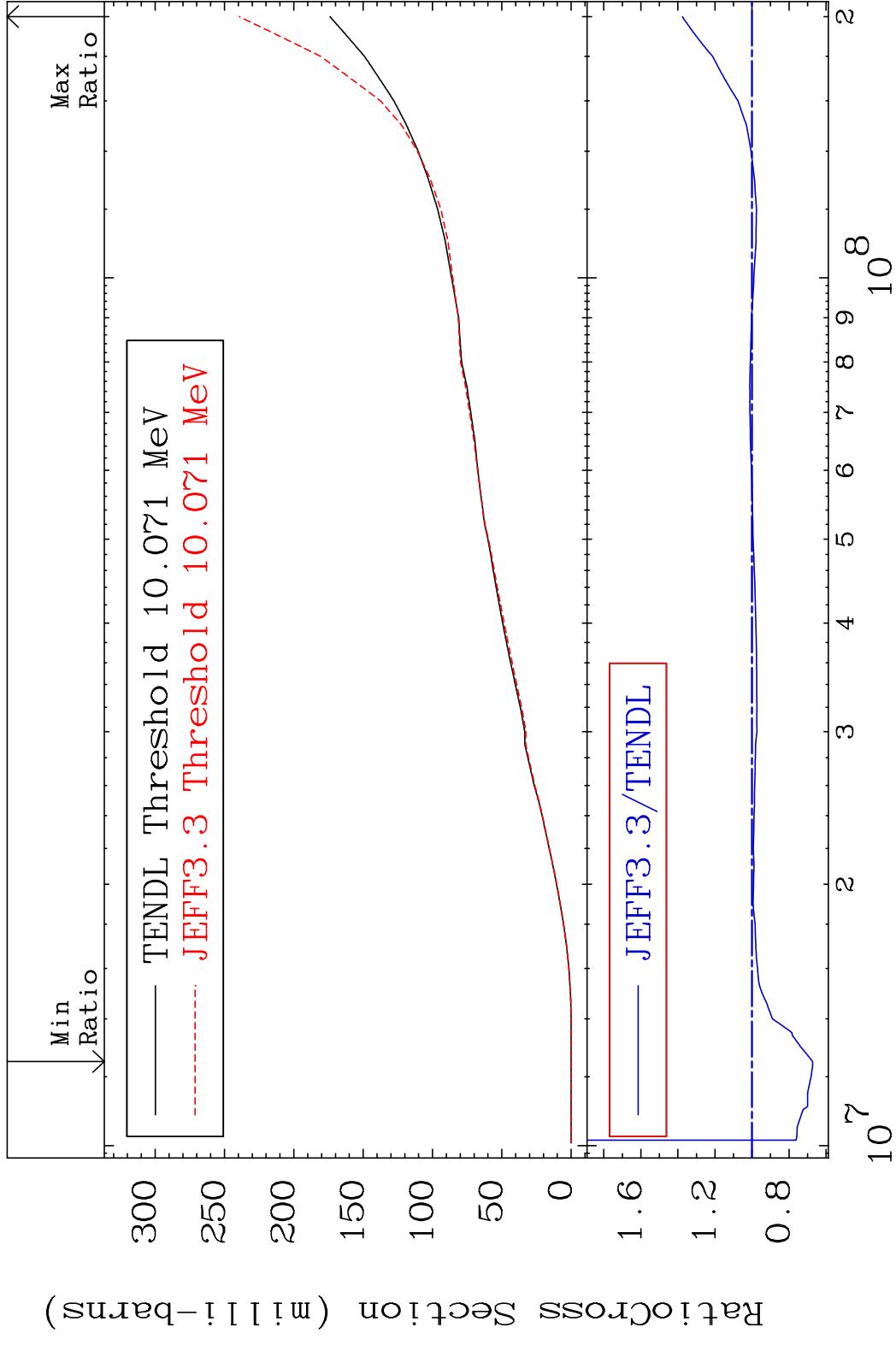


MAT 2640

Deuterium Production

²⁶Fe-59

Cross Section -32.70 To 37.60 %



64

Incident Energy (eV)

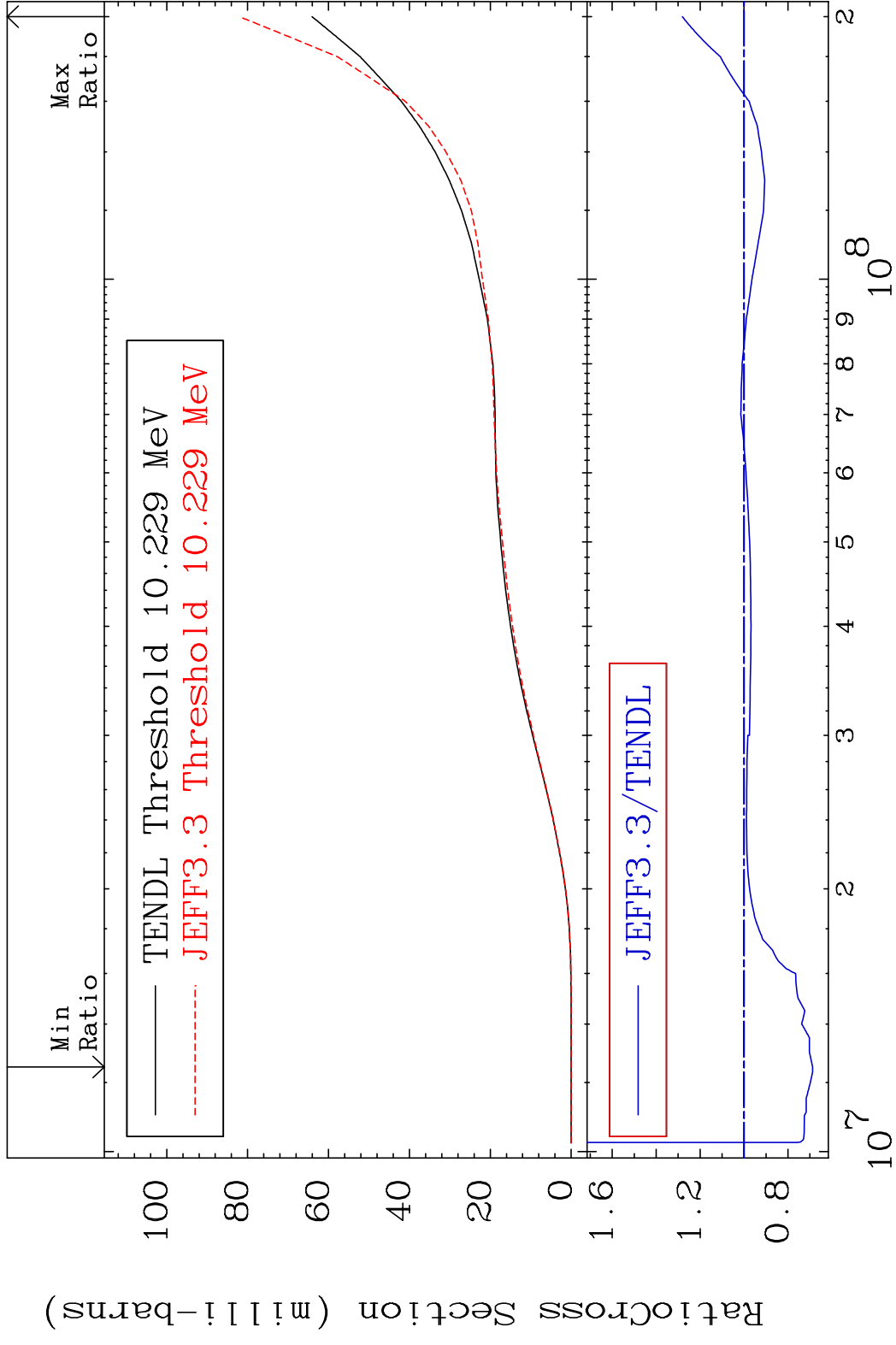
²⁶Fe-59

MAT 2640

Tritium Production

²⁶Fe-59

Cross Section -31.18 To 28.09 %

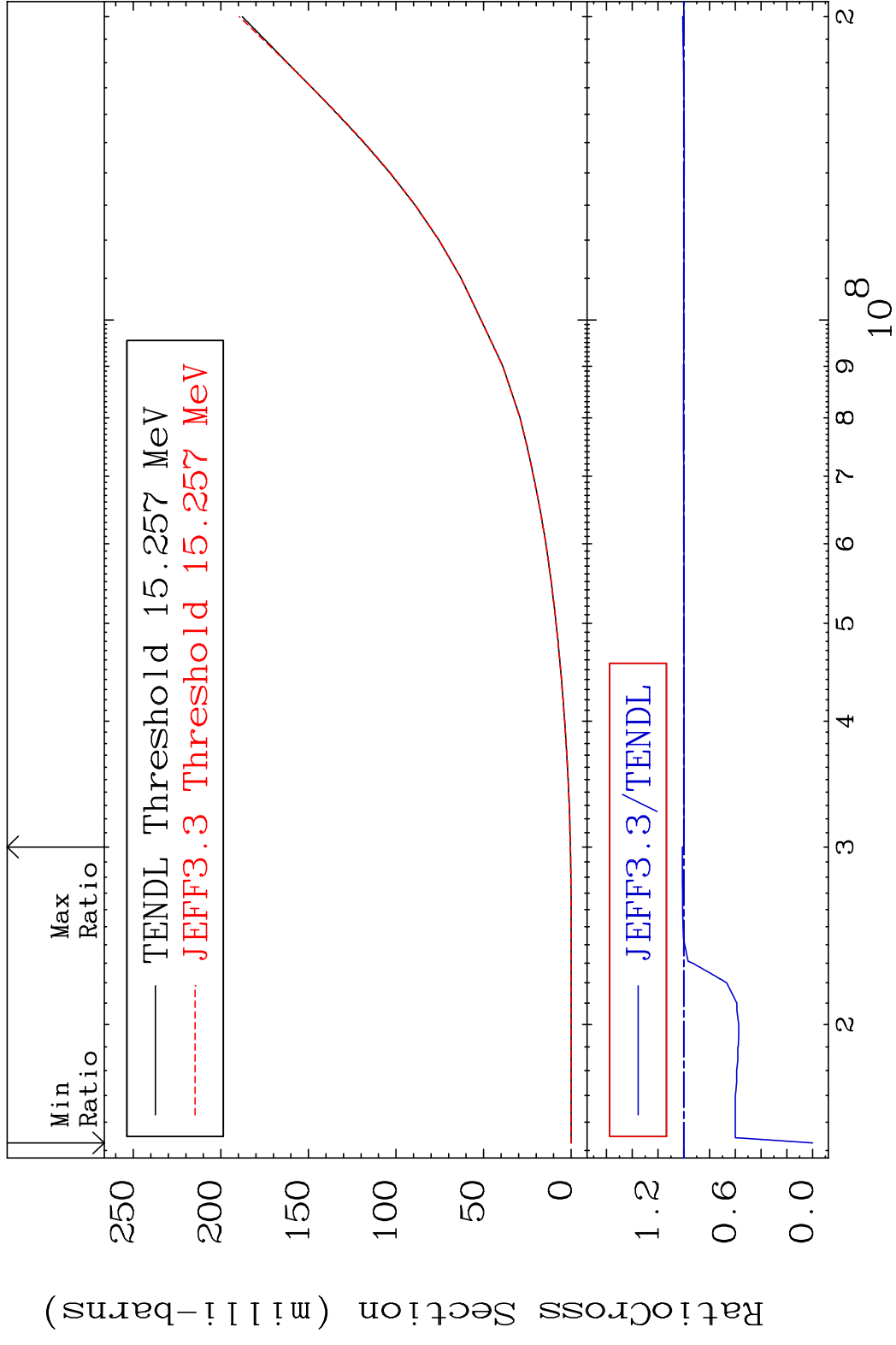


65

Incident Energy (eV)

²⁶Fe-59

MAT 2640 He-3 Production 26-Fe-59
 Cross Section -100.0 To 1.125 %

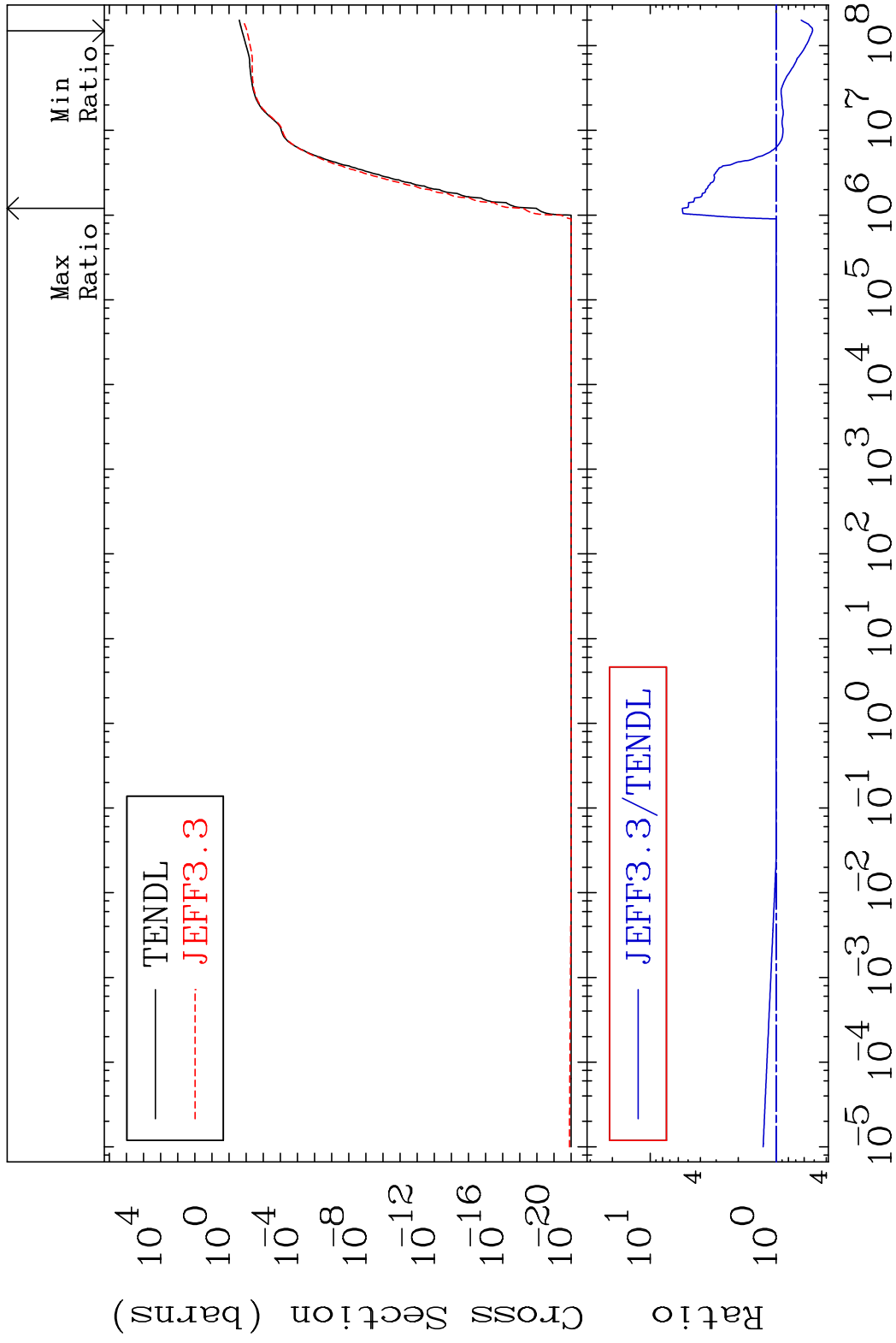


MAT 2640

He-4 Production

²⁶Fe-59

Cross Section -48.57 To 455.9 %

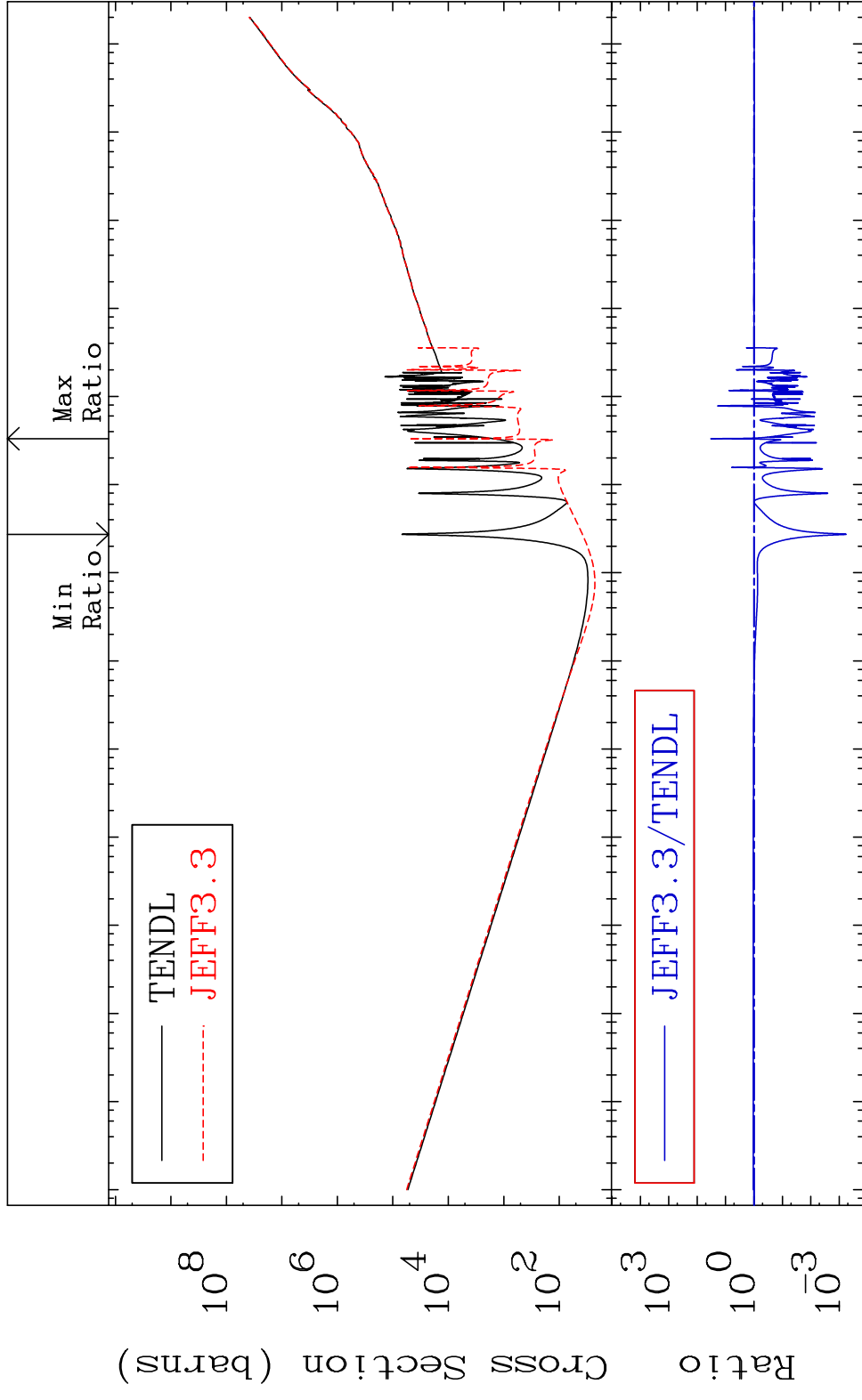


67

Incident Energy (eV)

²⁶Fe-59

MAT 2640 Kerma total (eV-barns) 26-Fe-59
 Cross Section -99.94 To 3242. %

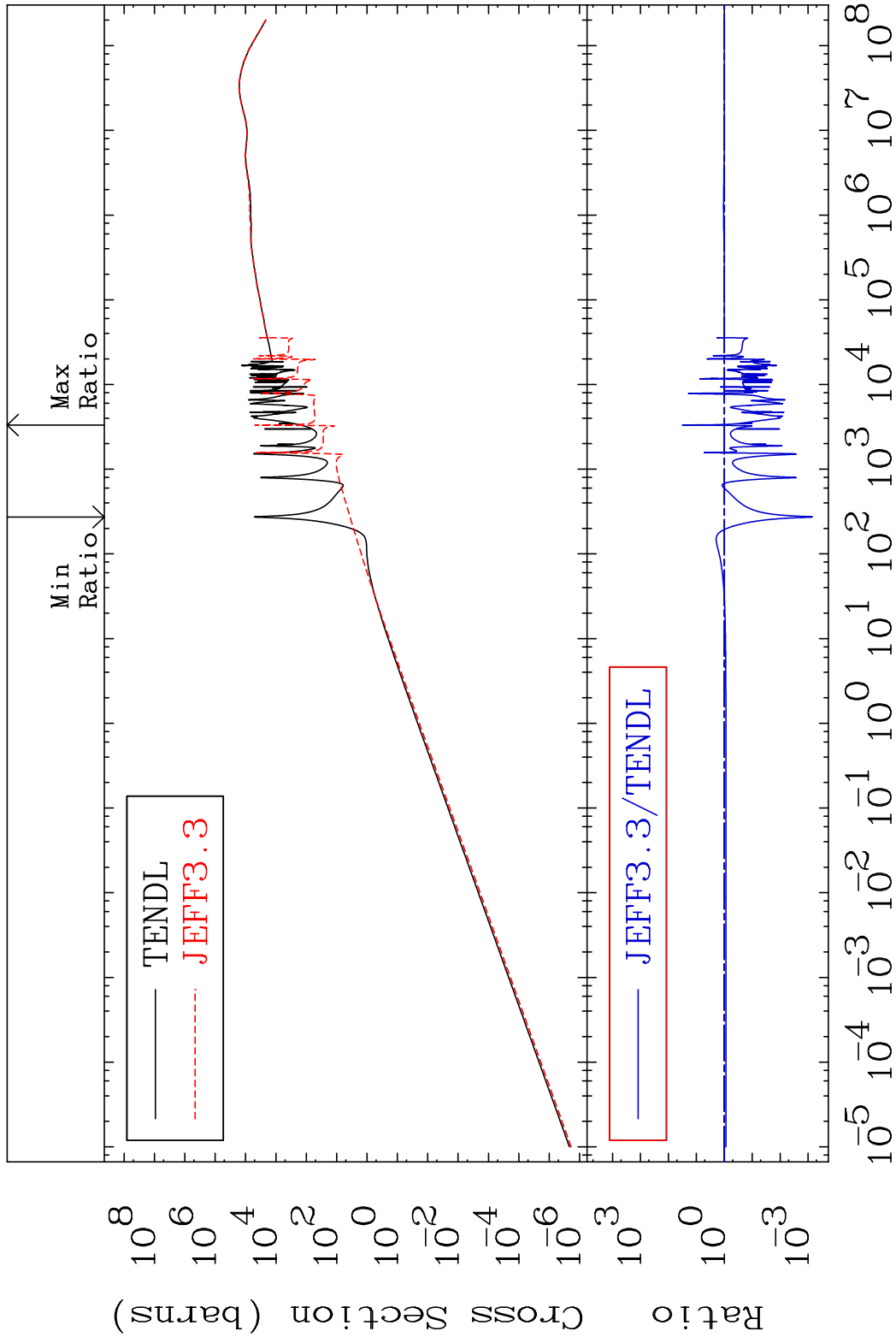


68 Incident Energy (eV) 26-Fe-59

MAT 2640

Kerma elastic
Cross Section

26-Fe-59
-99.93 To 3076. %

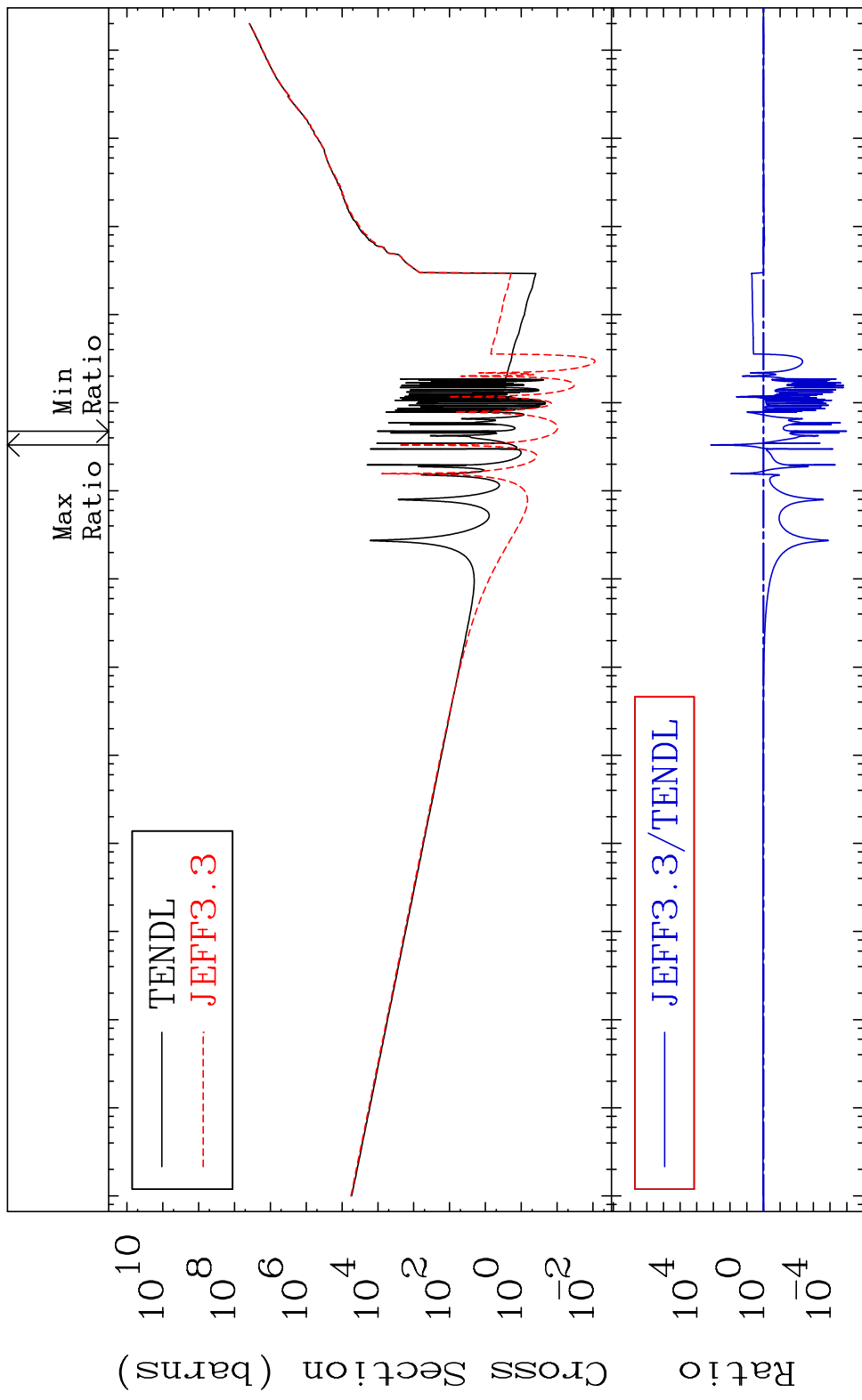


69

Incident Energy (eV)

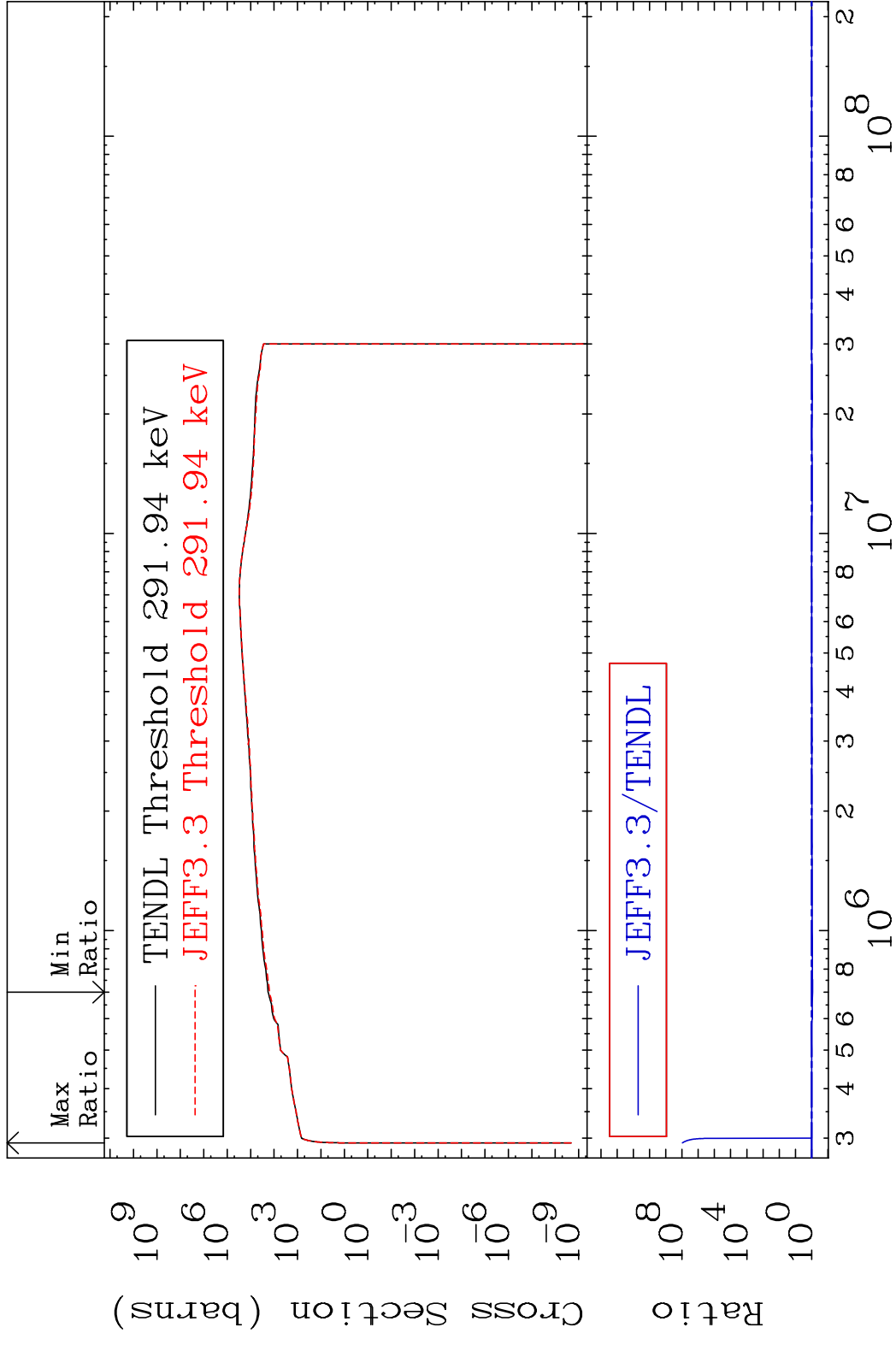
26-Fe-59

MAT 2640 Kerma non-elastic (all but mt2) 26-Fe-59
 Cross Section -100.0 To 9999. %

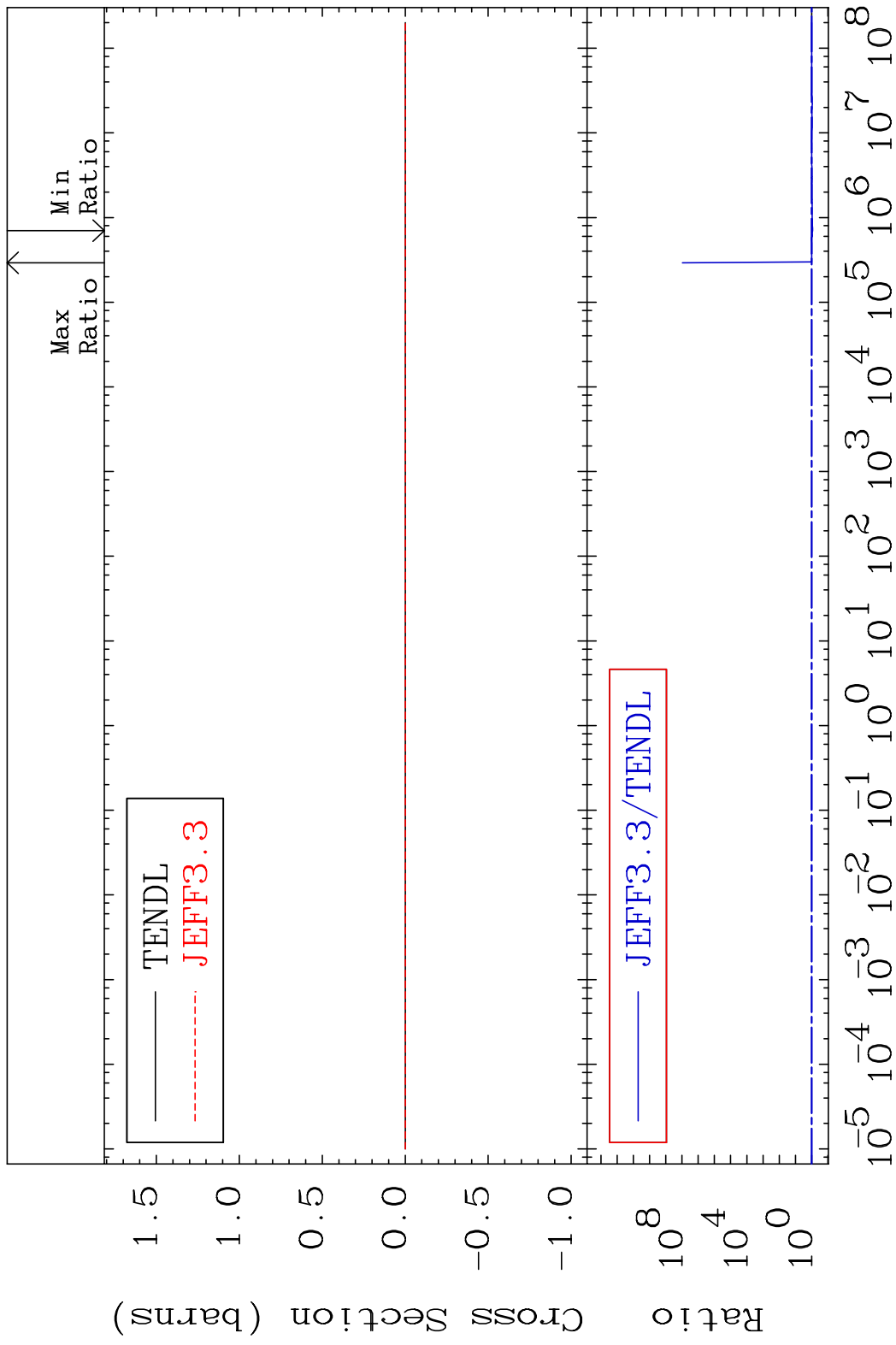


70 Incident Energy (eV) 26-Fe-59

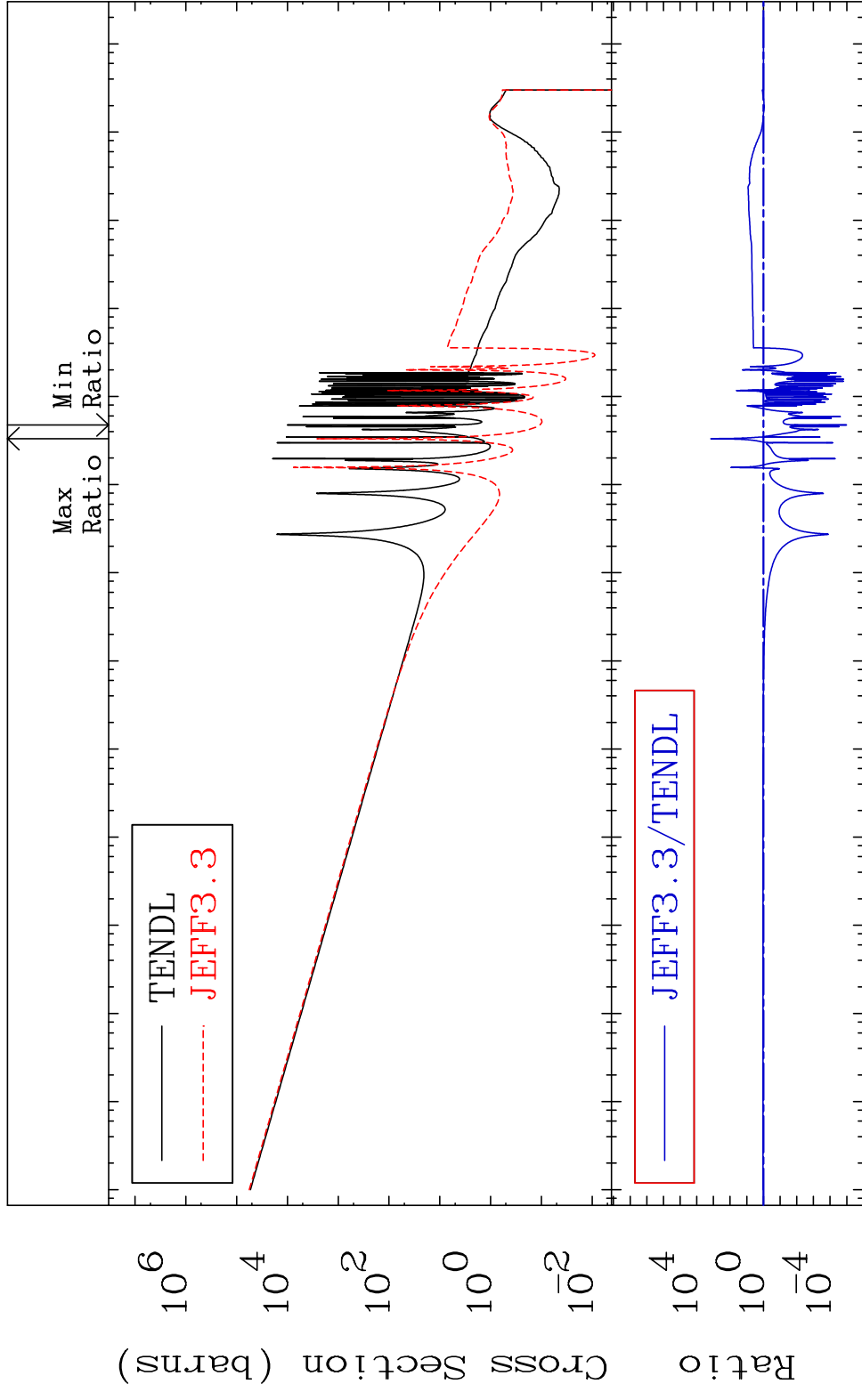
MAT 2640 Kerma inelastic (mt51-91) 26-Fe-59
 Cross Section -12.36 To 9999. %



MAT 2640 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-59
 Cross Section -12.36 To 9999. %

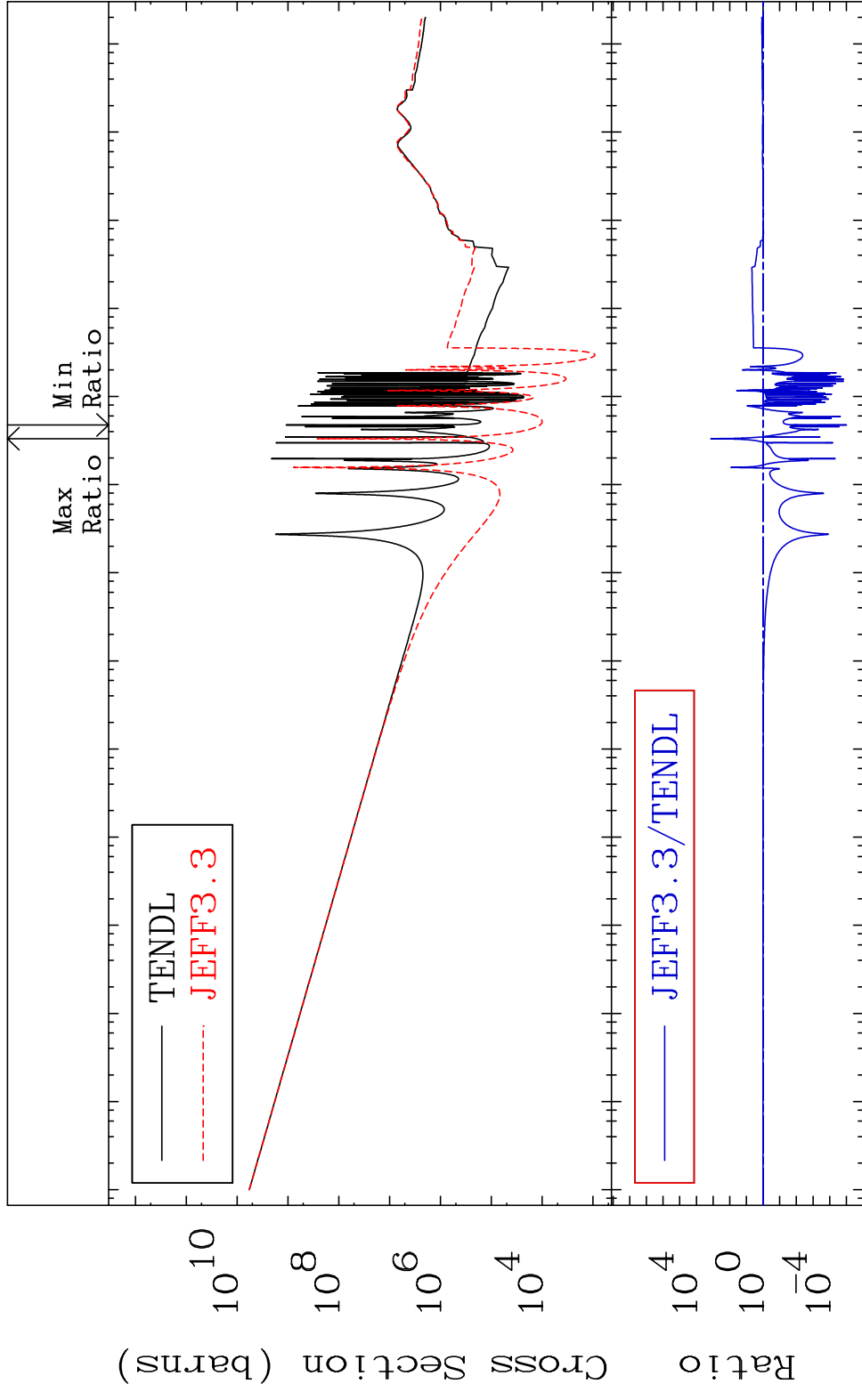


MAT 2640 Kerma capture (mt102) 26-Fe-59
 Cross Section -100.0 To 9999. %



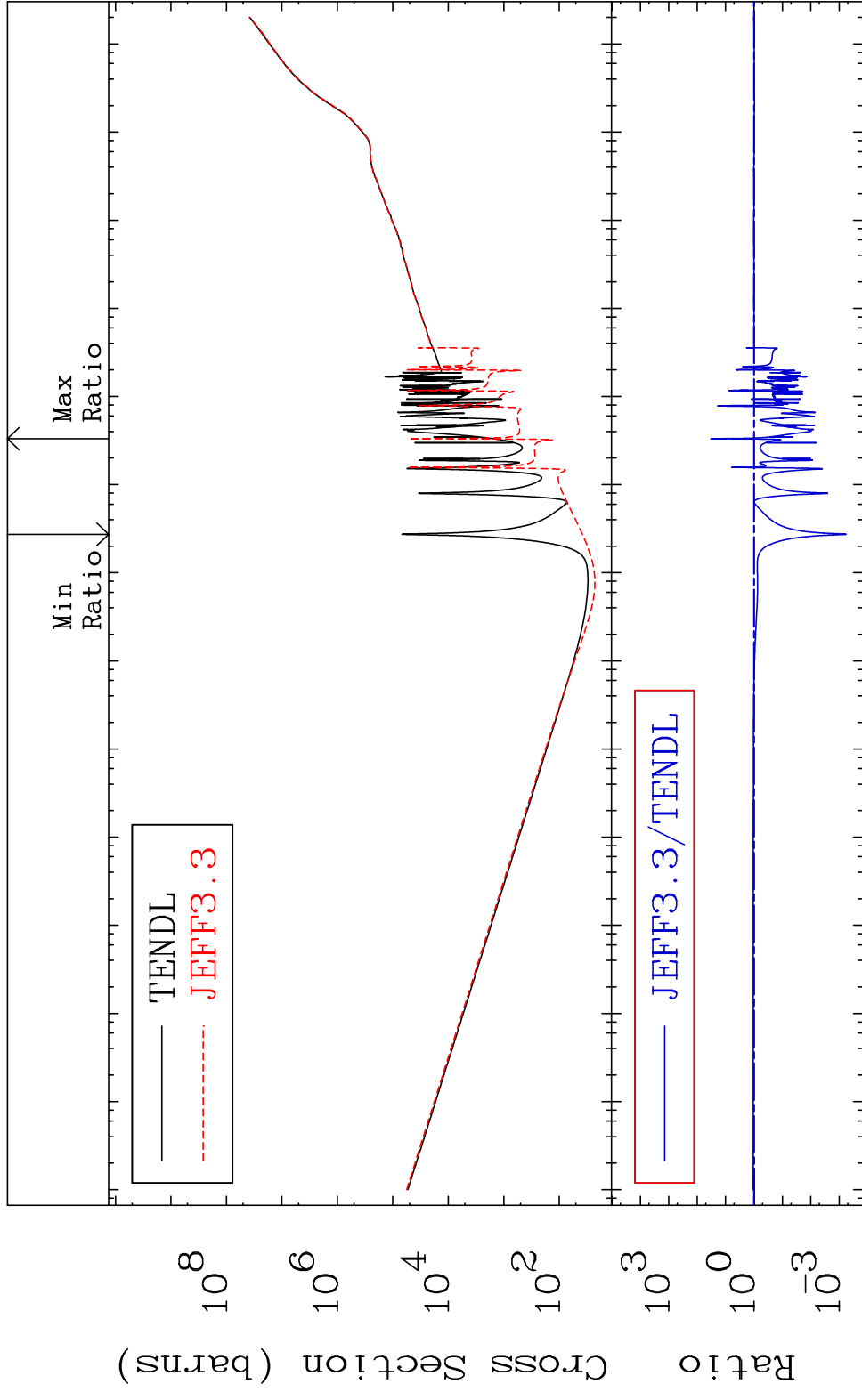
73 Incident Energy (eV) 26-Fe-59

MAT 2640 Total photon (eV-barns) 26-Fe-59
 Cross Section -100.0 To 9999. %

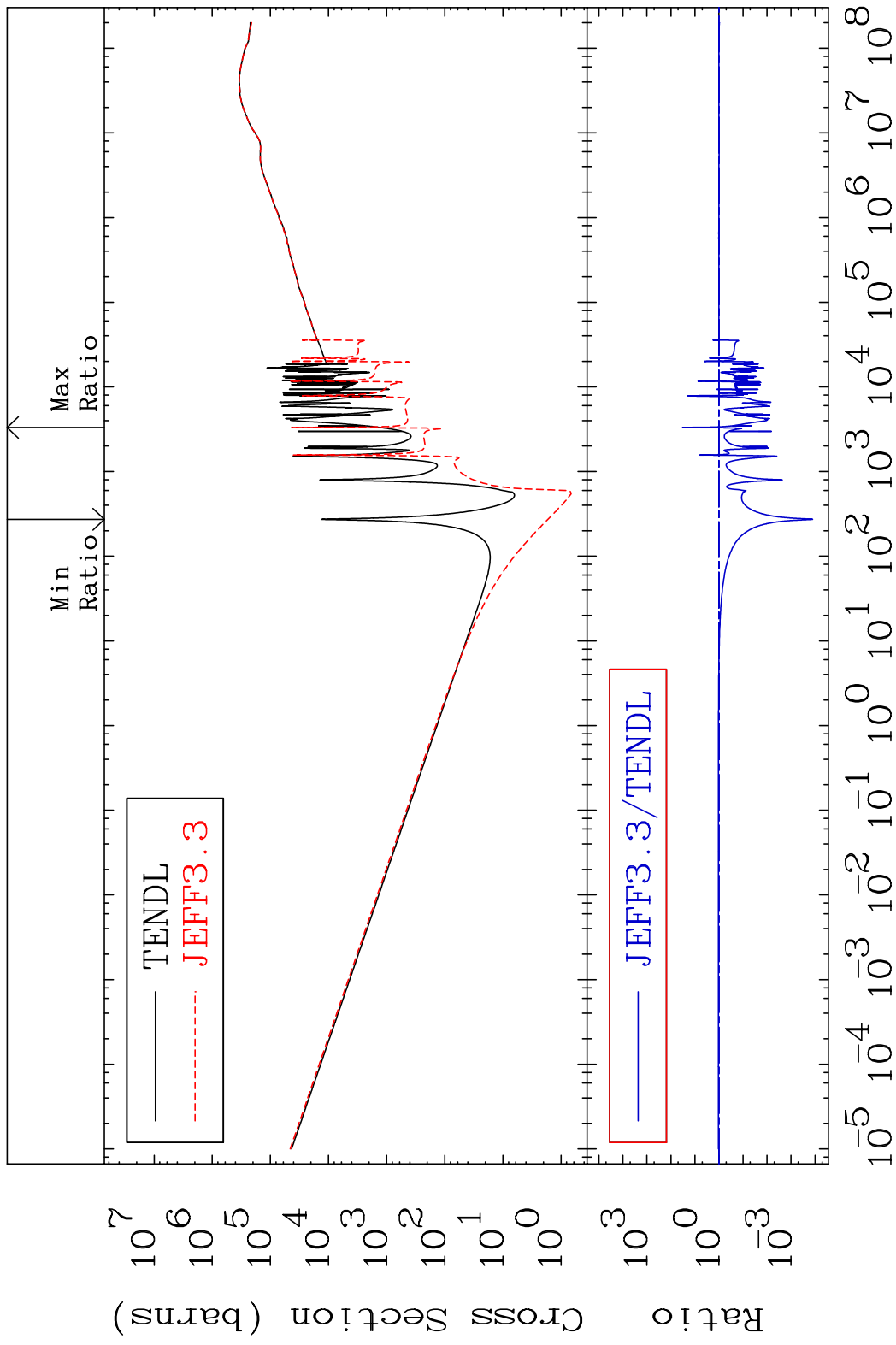


74 Incident Energy (eV) 26-Fe-59

MAT 2640 Total kinematic kerma (high limit) 26-Fe-59
 Cross Section -99.94 To 3242. %



MAT 2640 Dpa total (eV-barns) 26-Fe-59
 Cross Section -99.99 To 3237. %



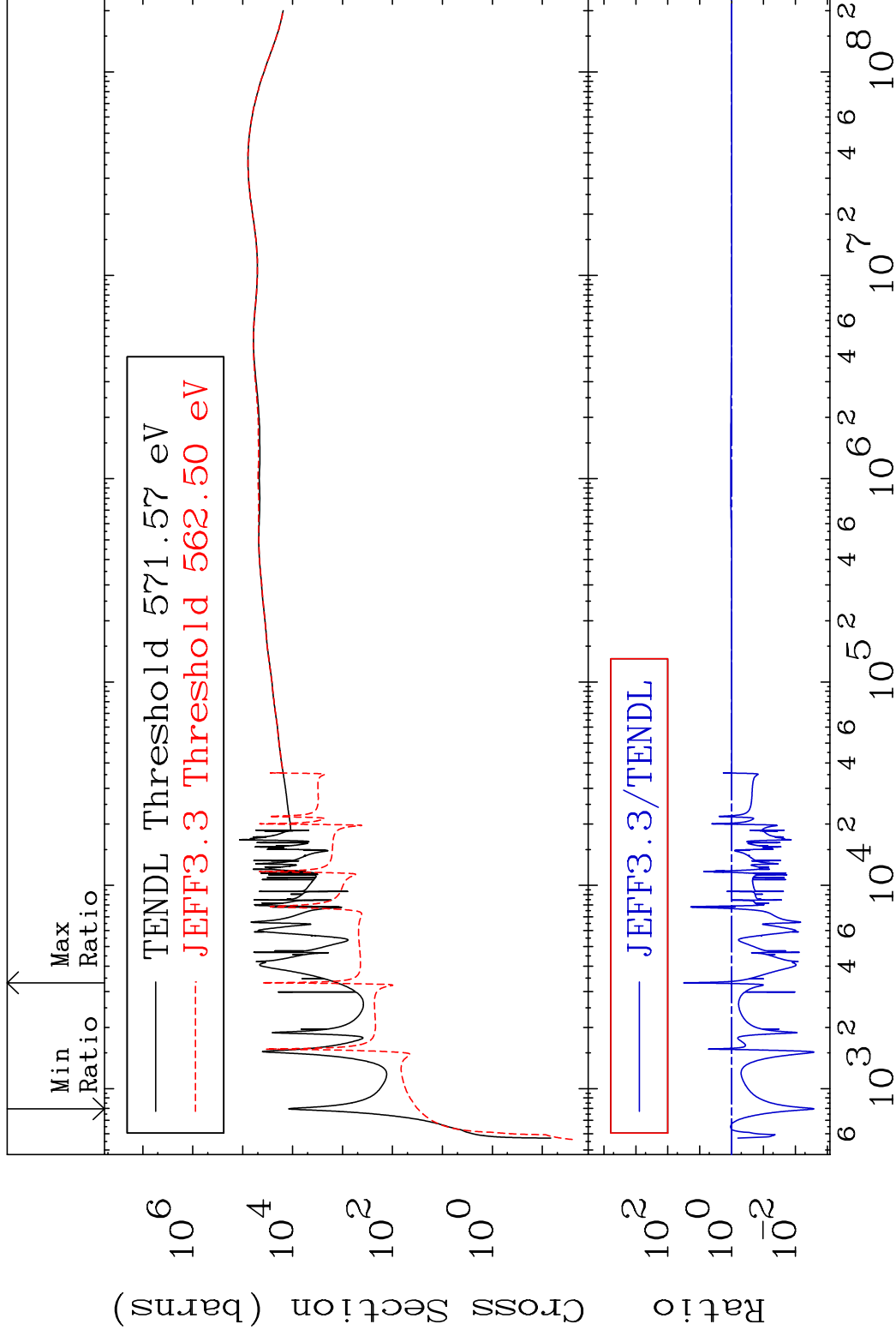
76 Incident Energy (eV) 26-Fe-59

MAT 2640

Dpa elastic (mt2)

²⁶Fe-59

Cross Section -99.74 To 3076. %

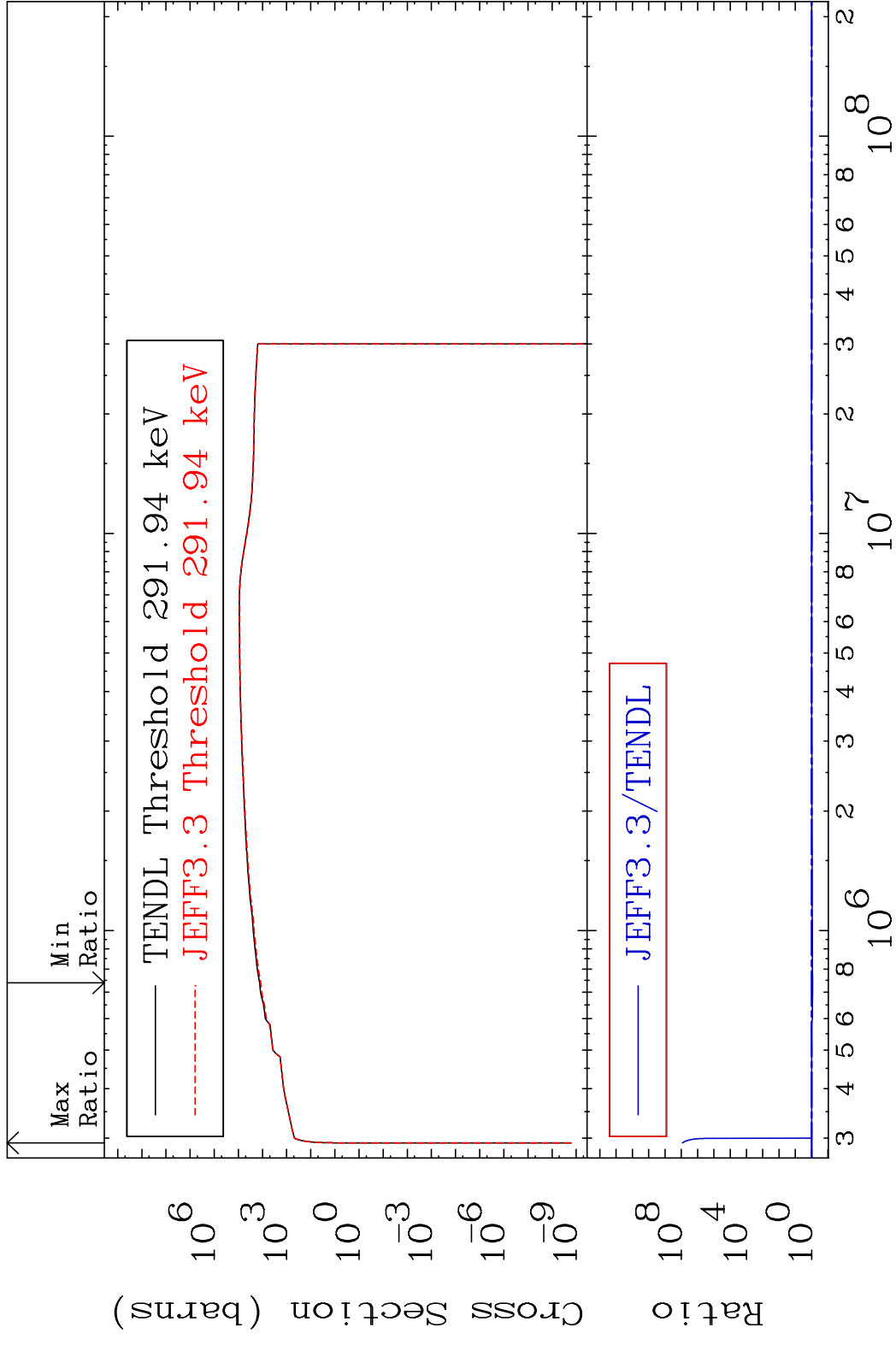


77

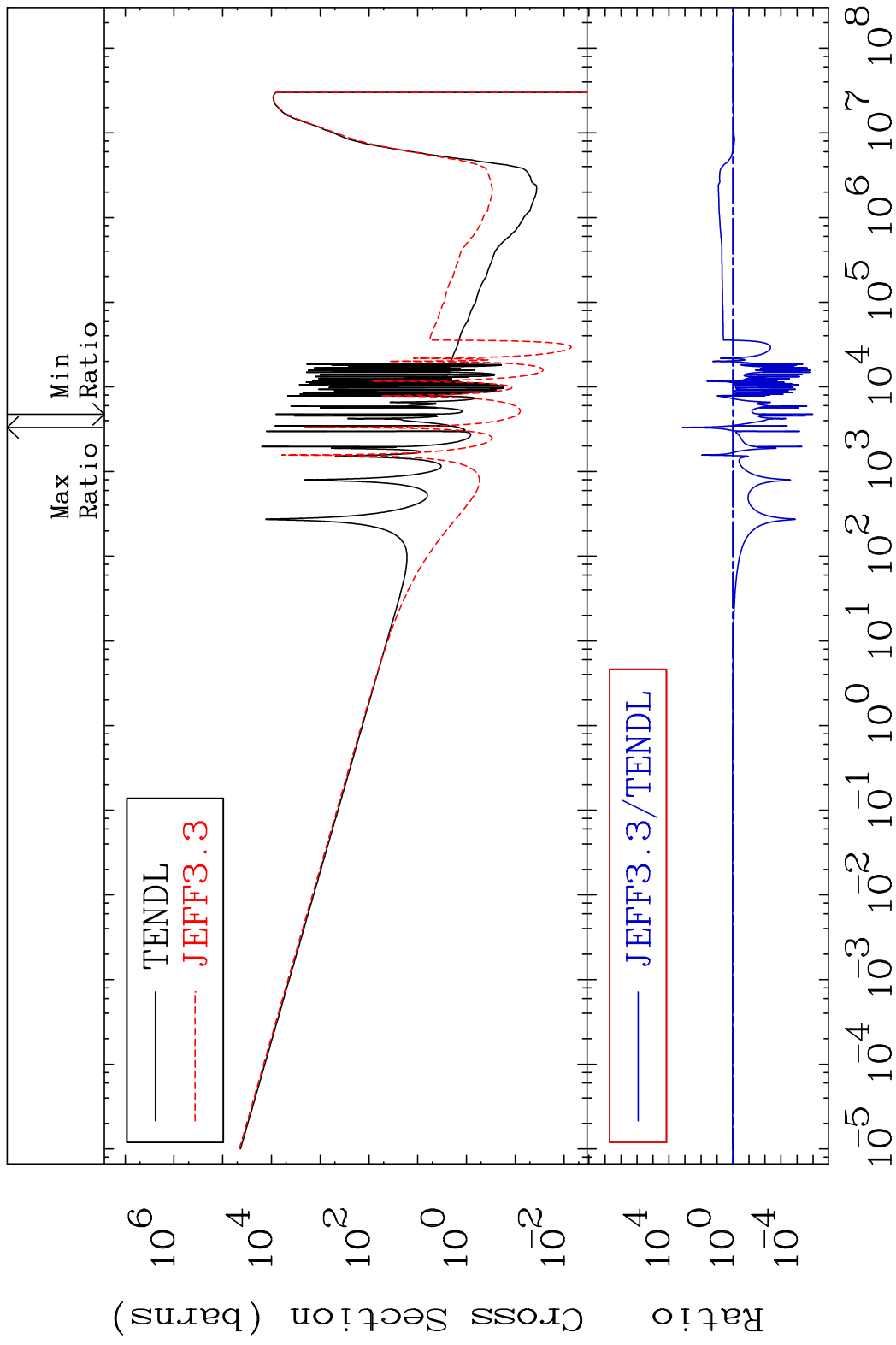
Incident Energy (eV)

²⁶Fe-59

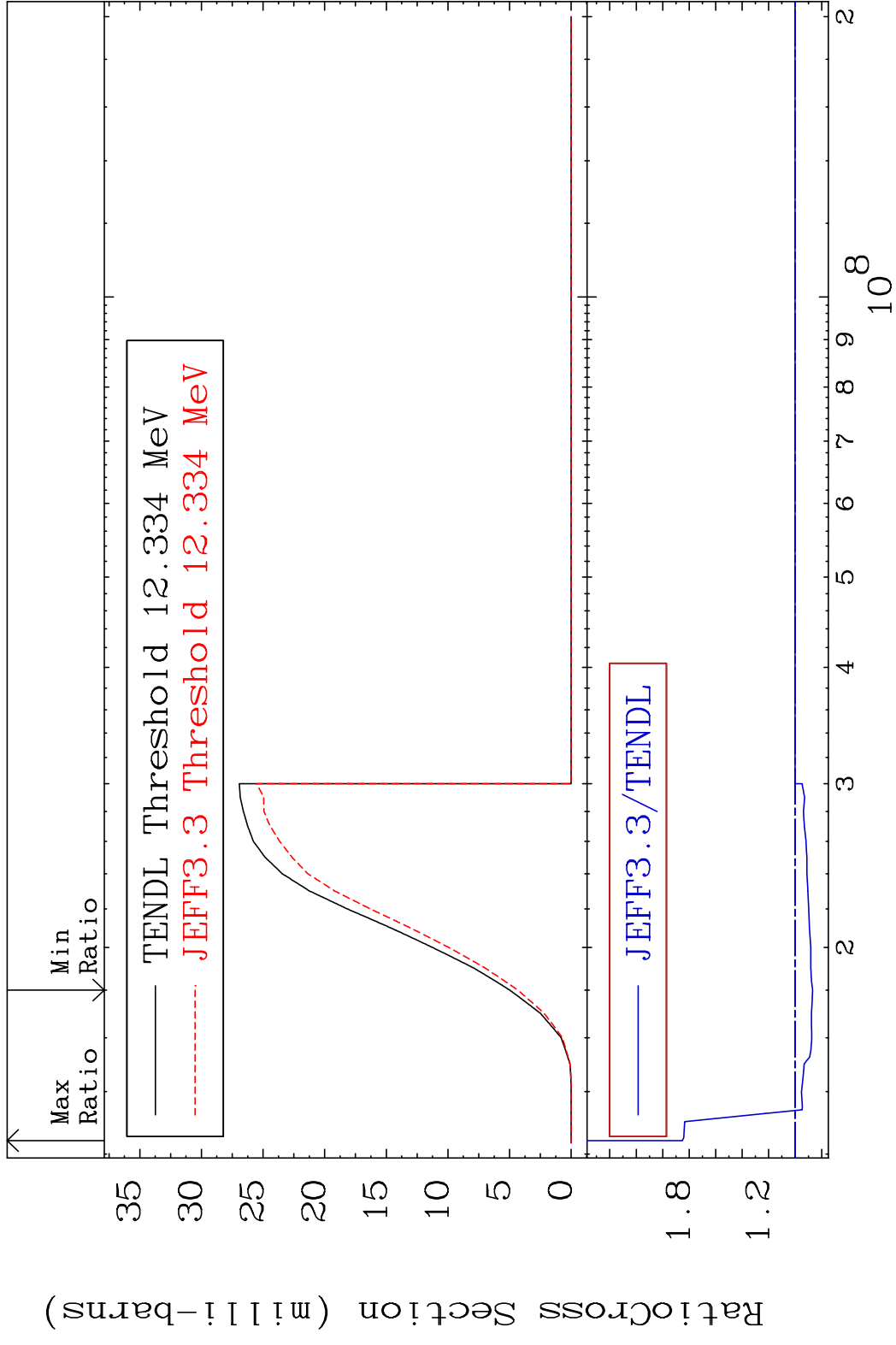
MAT 2640 Dpa inelastic (mt51-91) 26-Fe-59
 Cross Section -11.94 To 9999. %

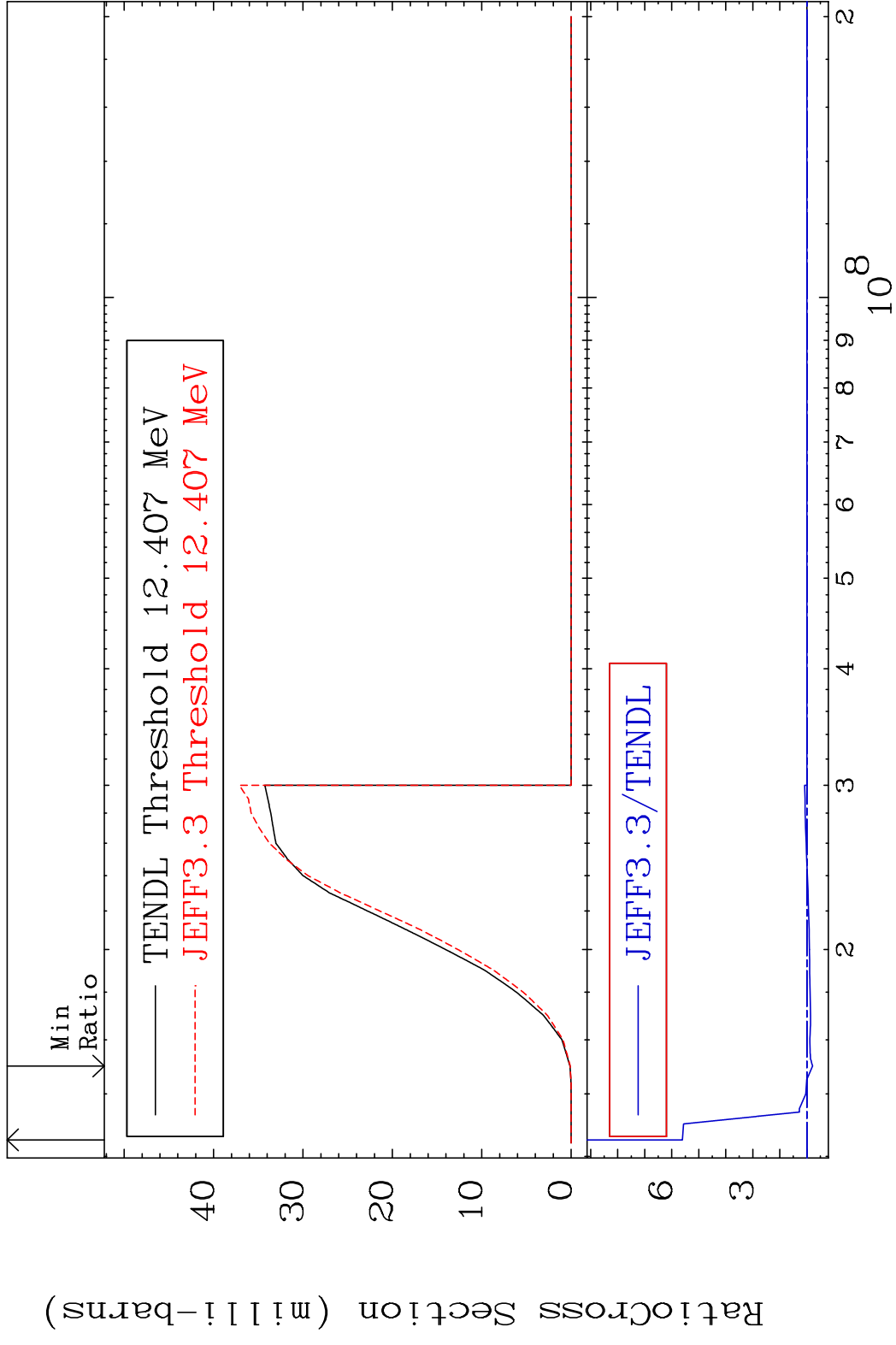


MAT 2640 Dpa disappearance (mt102 -120) 26-Fe-59
 Cross Section -100.0 To 9999. %

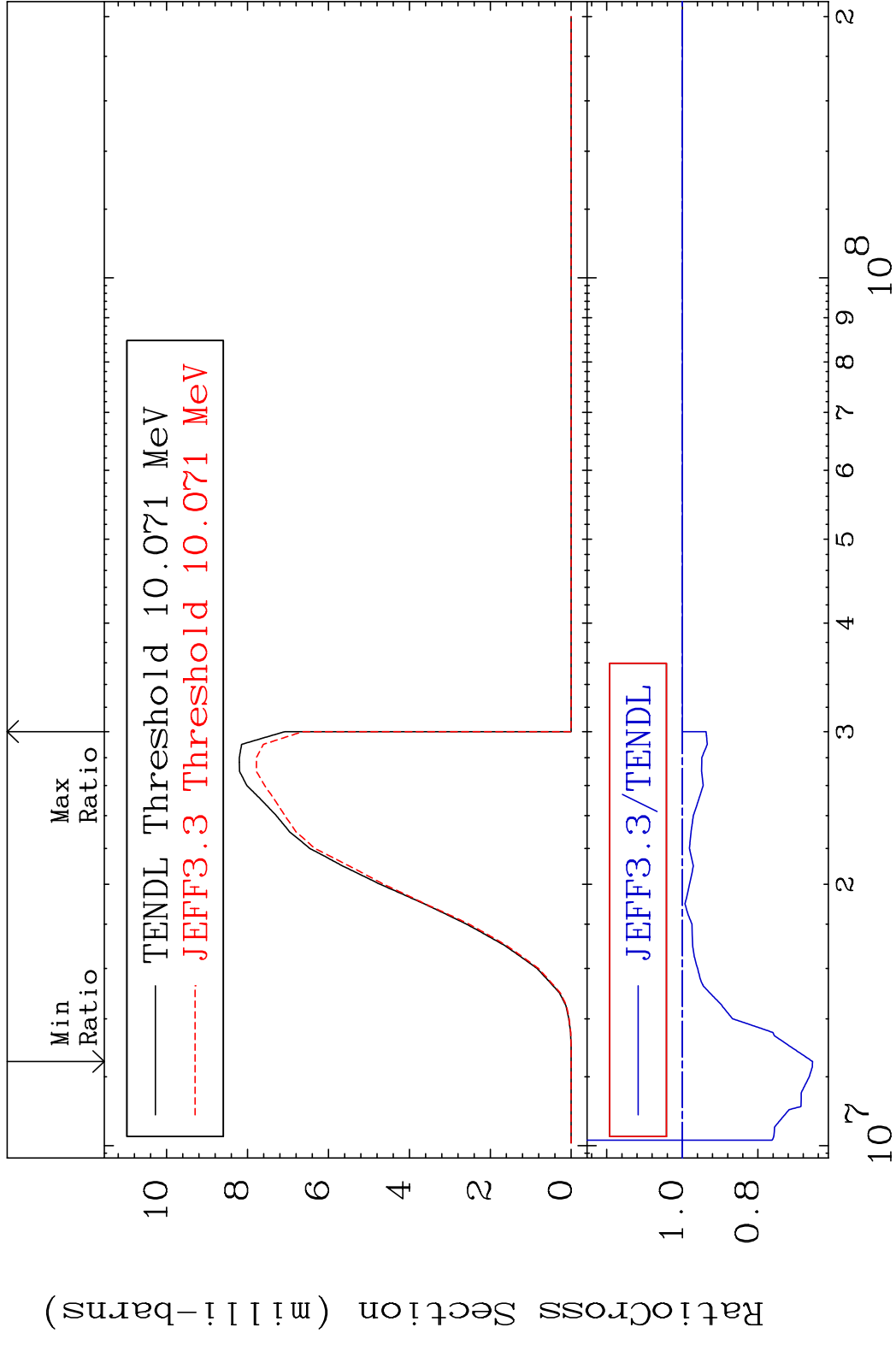


MAT 2640 (n, n') p:25-Mn-58g 26-Fe-59
 Radionuclide Production Cross Section 85.16 %





MAT 2640 (n, d) : 25-Mn-58g 26-Fe-59
 Radionuclide Production Cross Section 0.000 %



82 26-Fe-59

MAT 2640 (n, d):25-Mn-58m1 26-Fe-59
 Radionuclide Production Cross Section 7.975 %

