

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

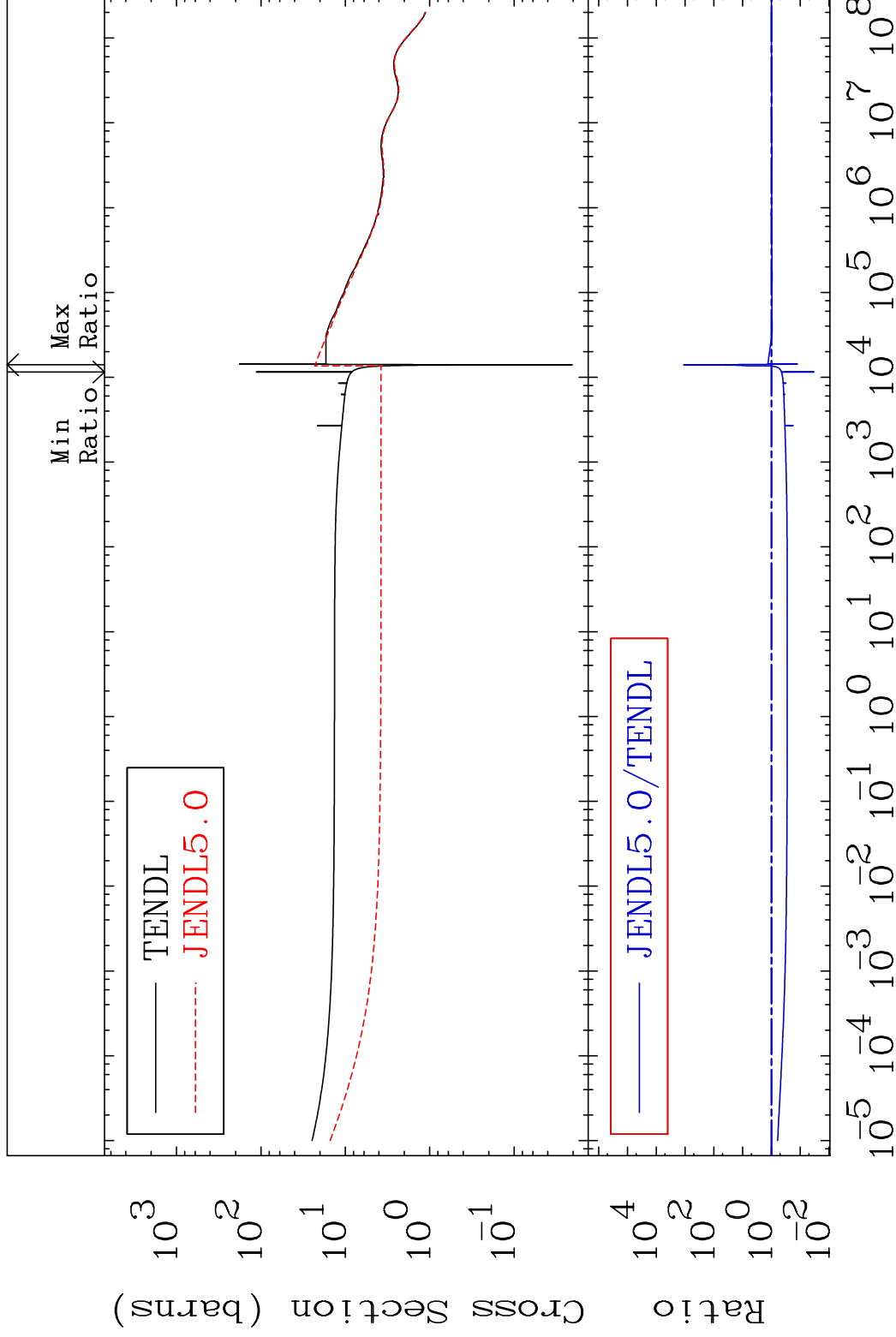
MAT 2643

Total

26-Fe-60

Cross Section

-96.69 To 9999. %



1

Incident Energy (eV)

26-Fe-60

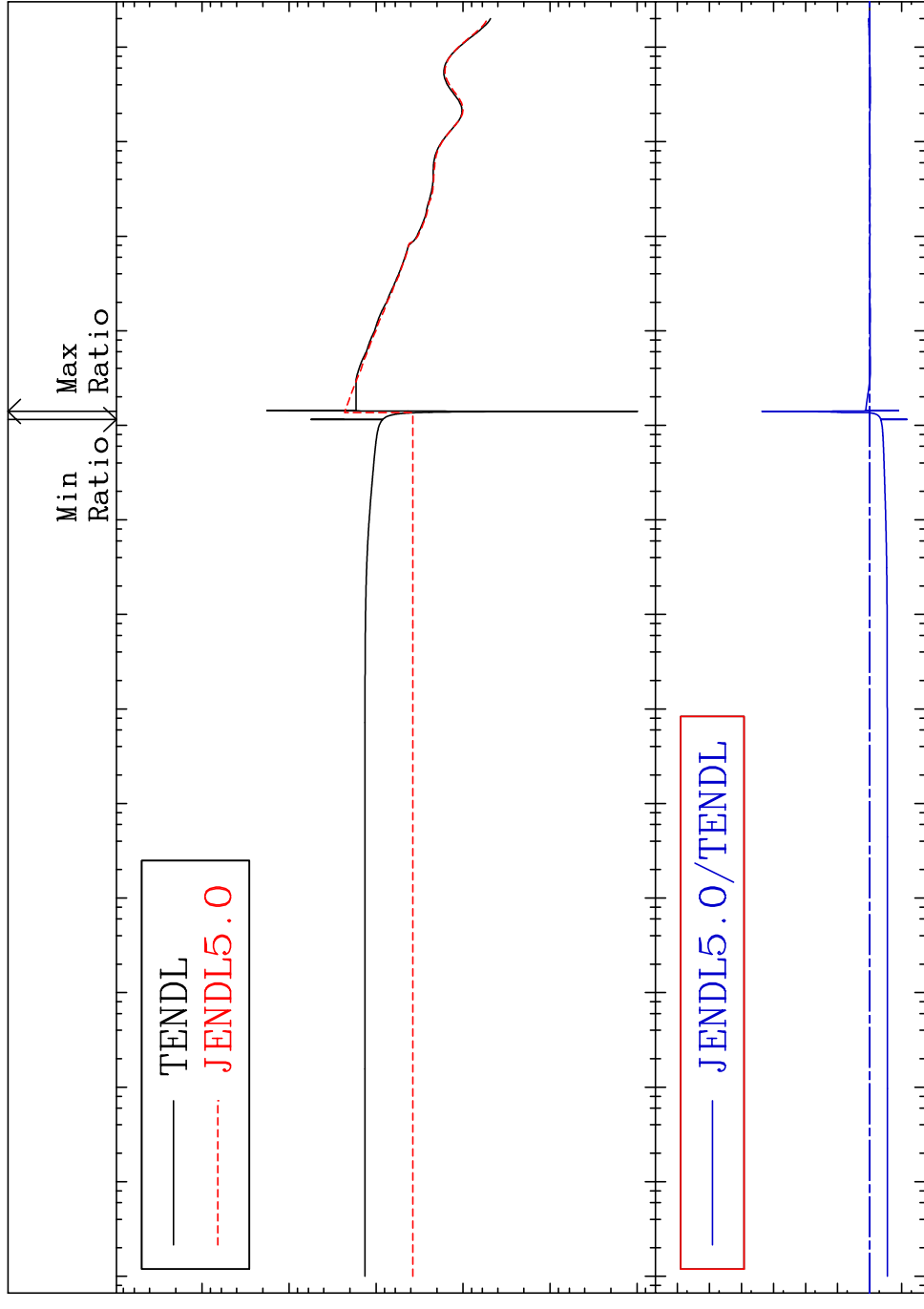
MAT 2643

Elastic

26-Fe-60

Cross Section

-93.27 To 9999. %



10³
10²
10¹
10⁰
10⁻¹
10⁻²
Ratio
10⁴
10²
10⁰

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

2

Incident Energy (eV)

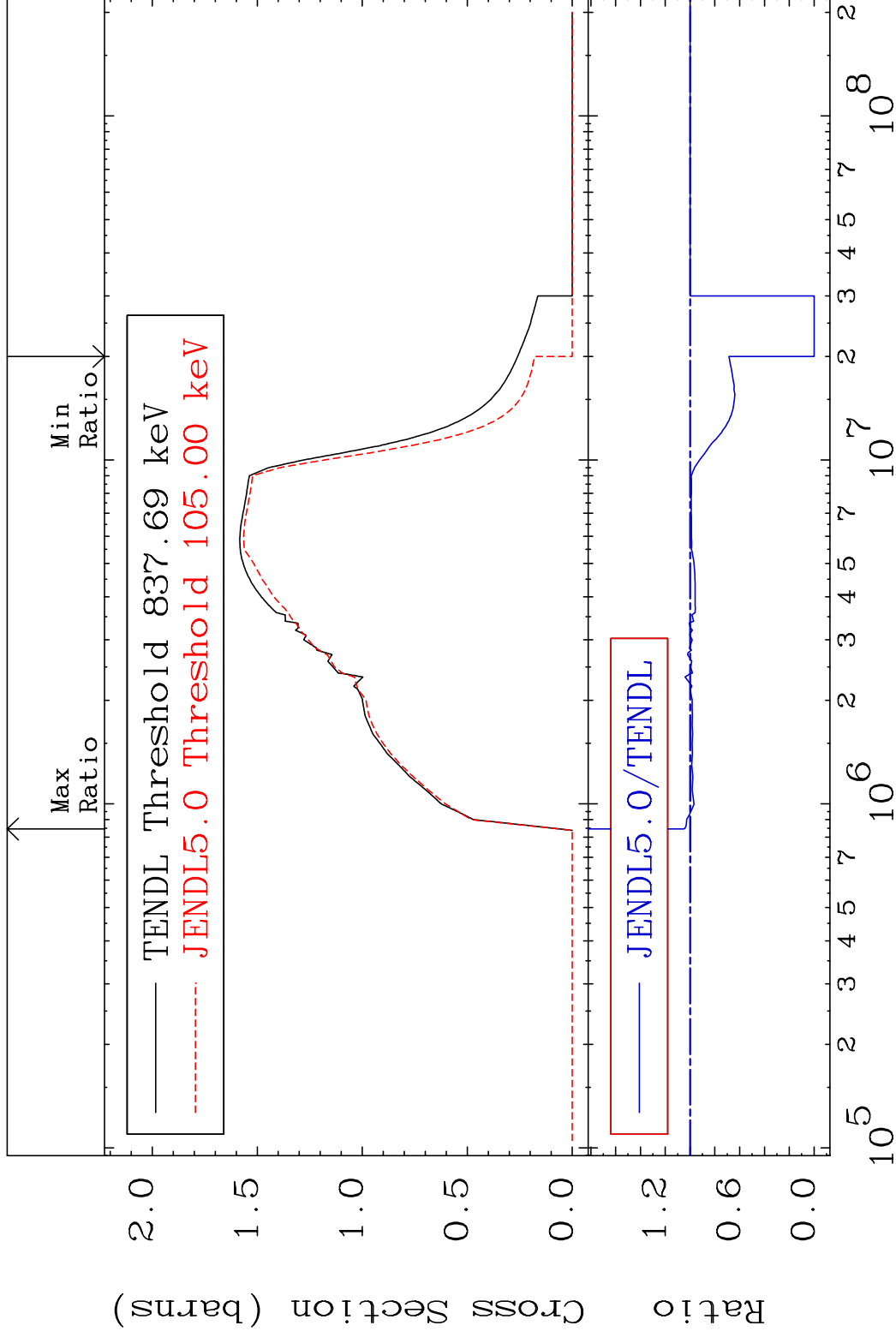
26-Fe-60

MAT 2643

Inelastic

²⁶Fe-60

Cross Section -100.0 To 5.171 %

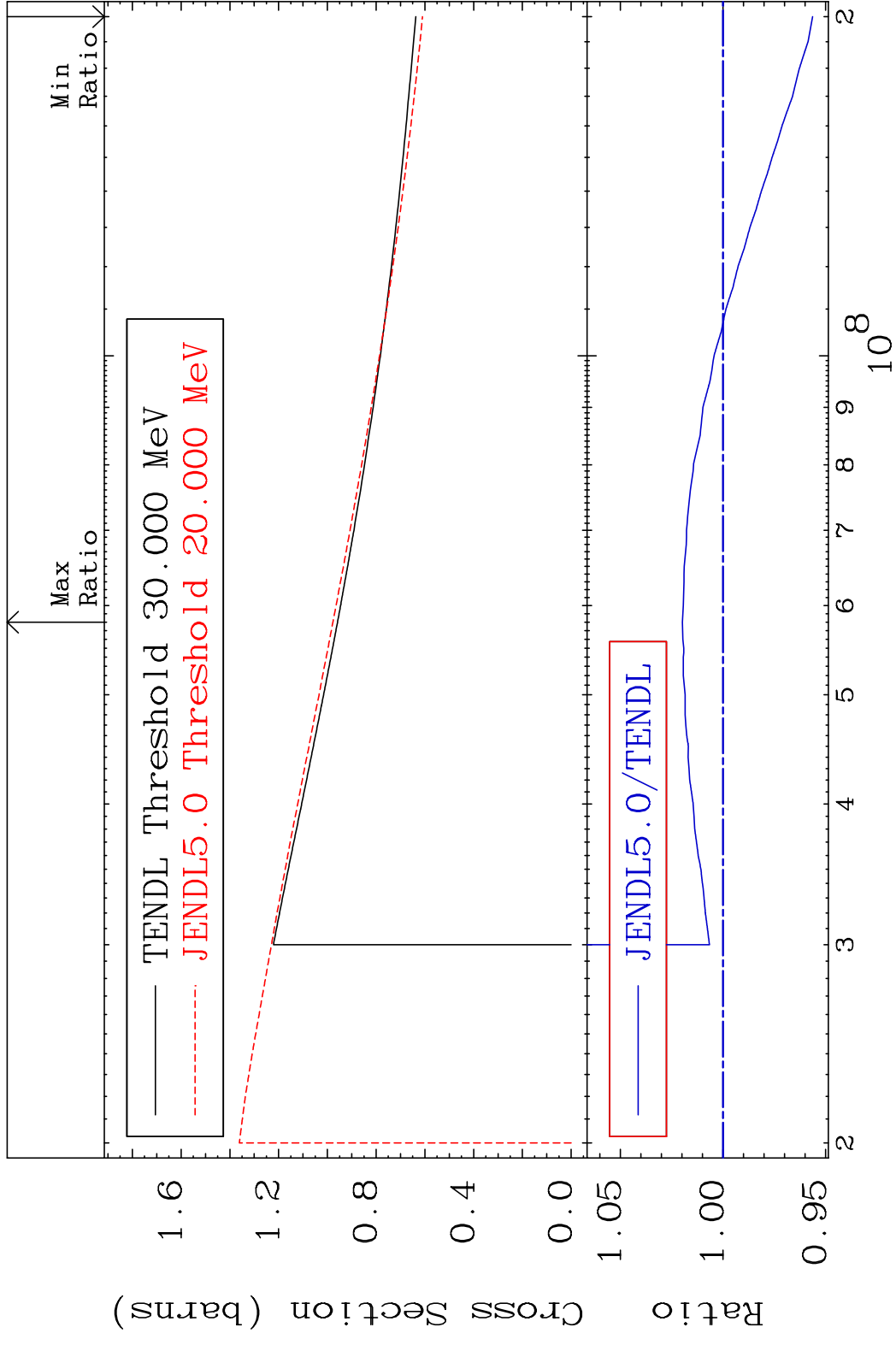


3

Incident Energy (eV)

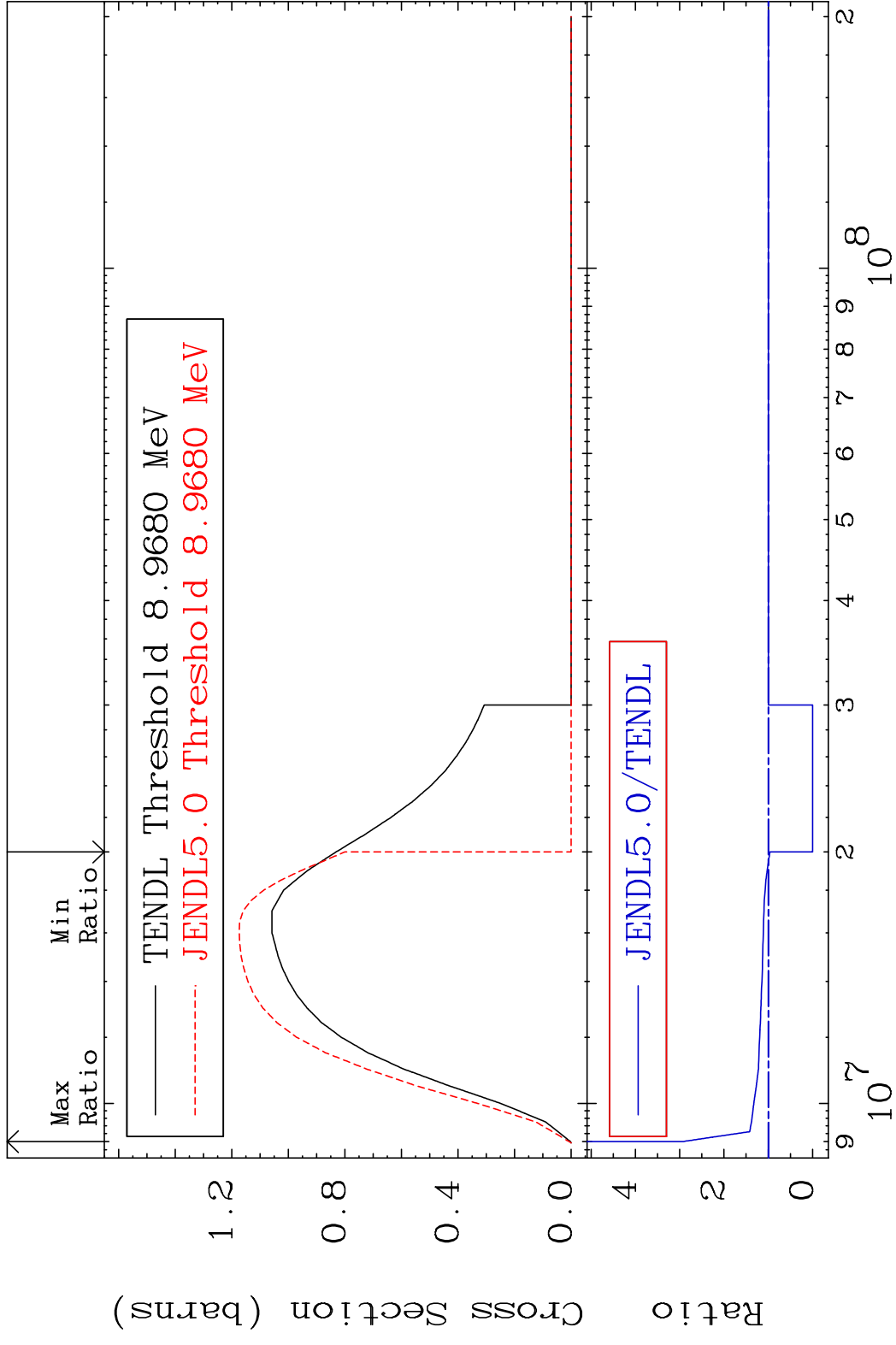
²⁶Fe-60

MAT 2643 (n, remainder) 26-Fe-60
 Cross Section -4.367 To 1.980 %



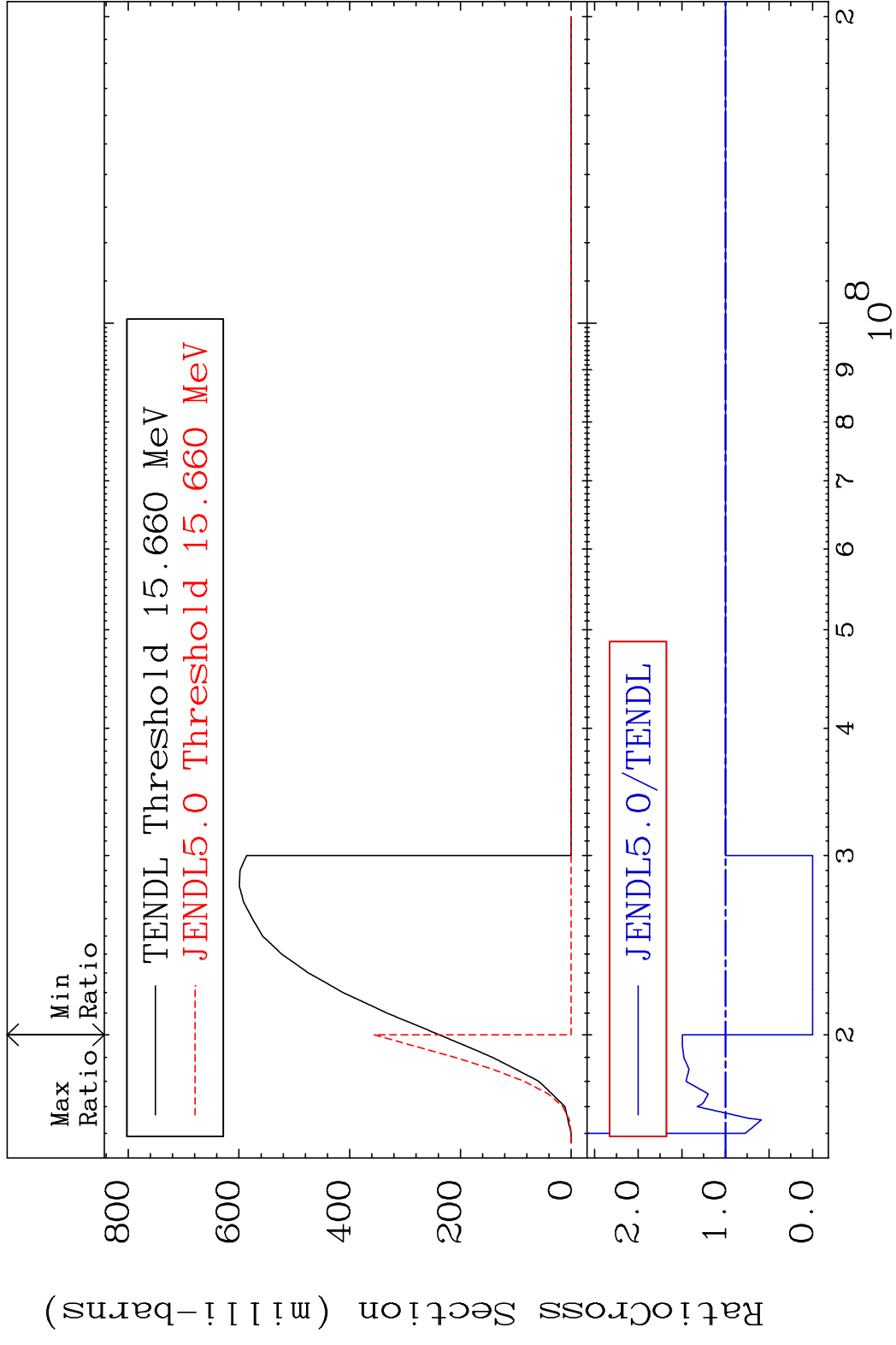
4 Incident Energy (eV) 26-Fe-60

MAT 2643 (n,2n) 26-Fe-60
 Cross Section -100.0 To 193.9 %

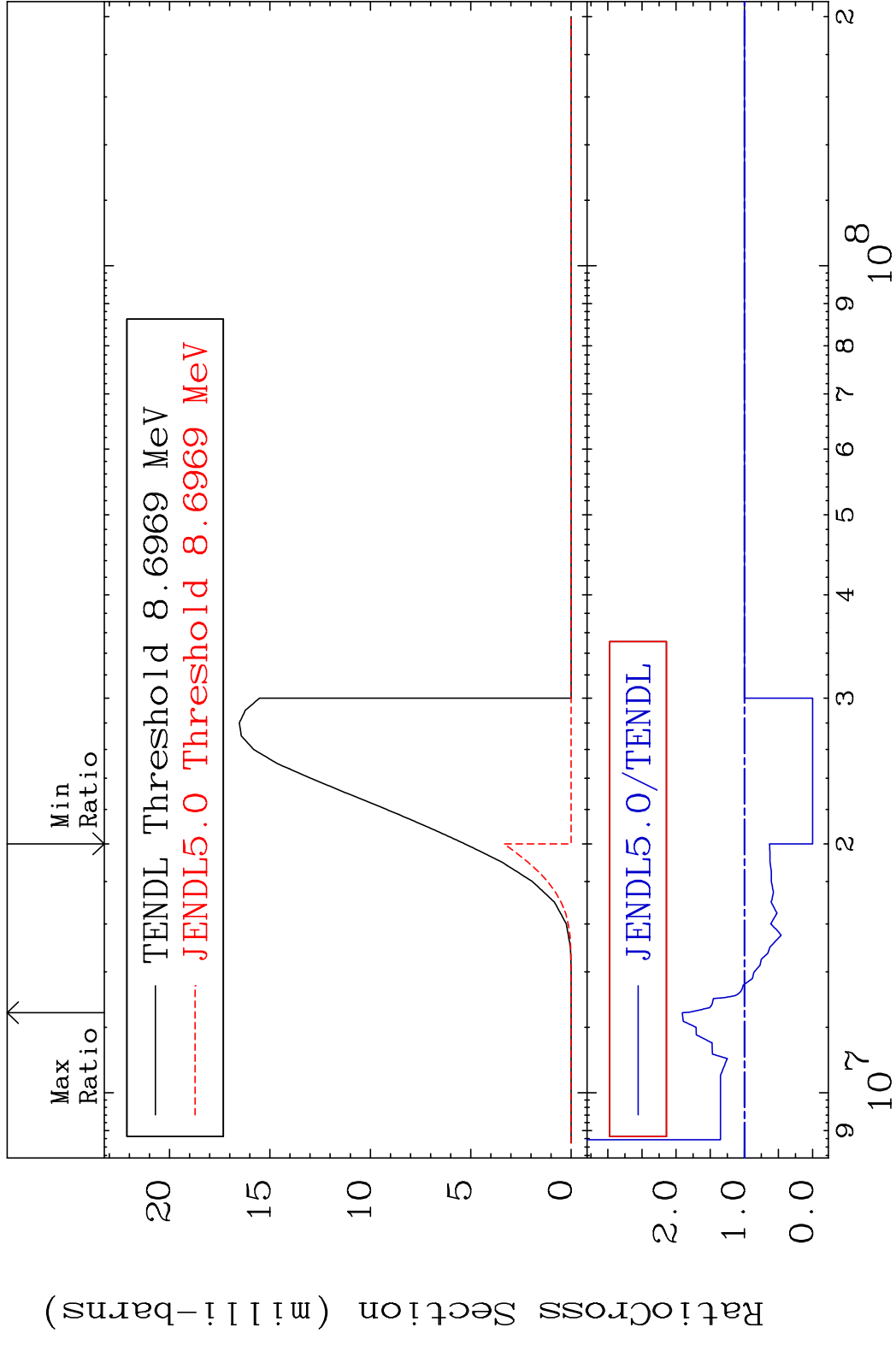


5 Incident Energy (eV) 26-Fe-60

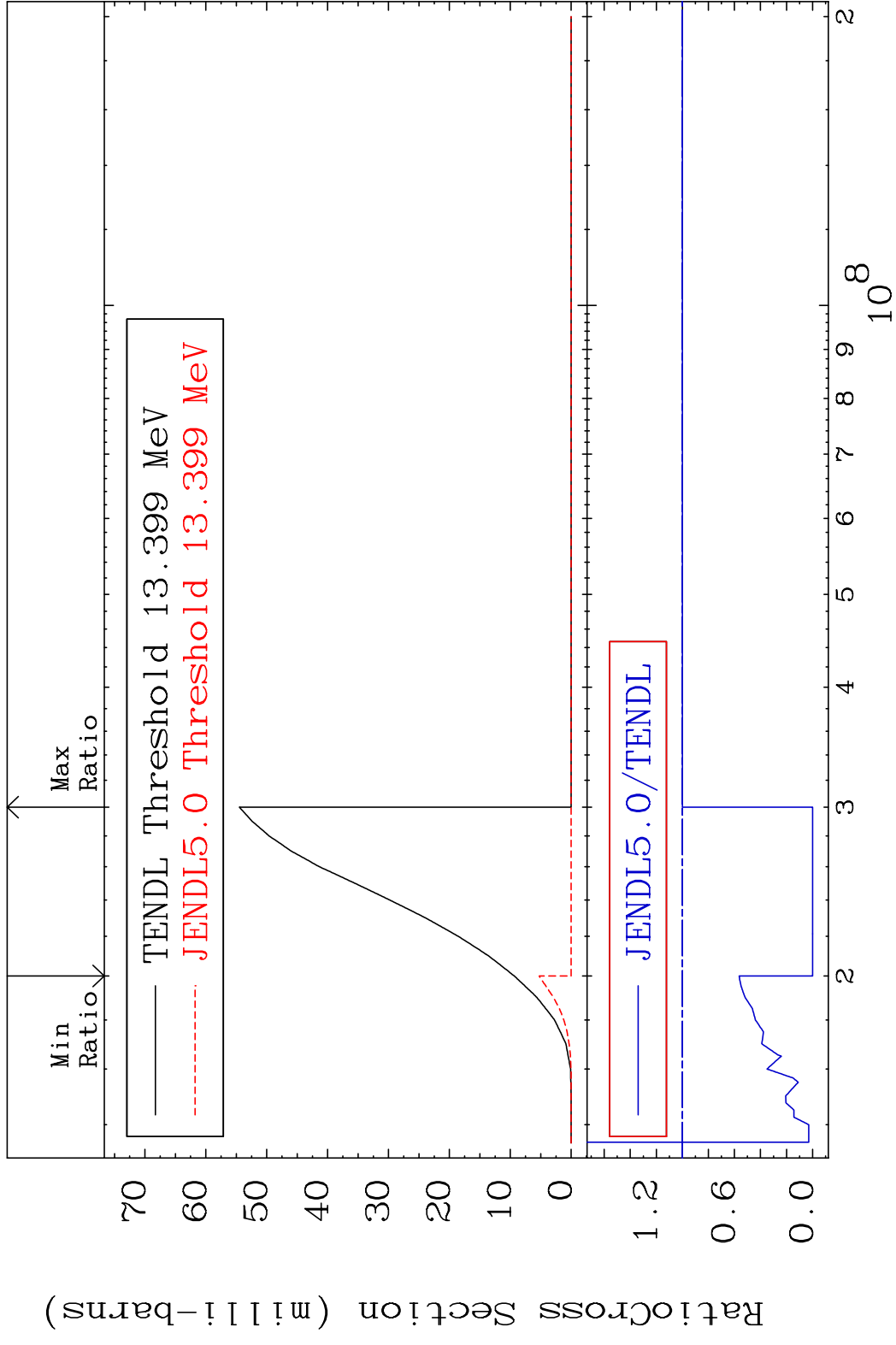
MAT 2643 (n,3n) 26-Fe-60
 Cross Section -100.0 To 49.39 %



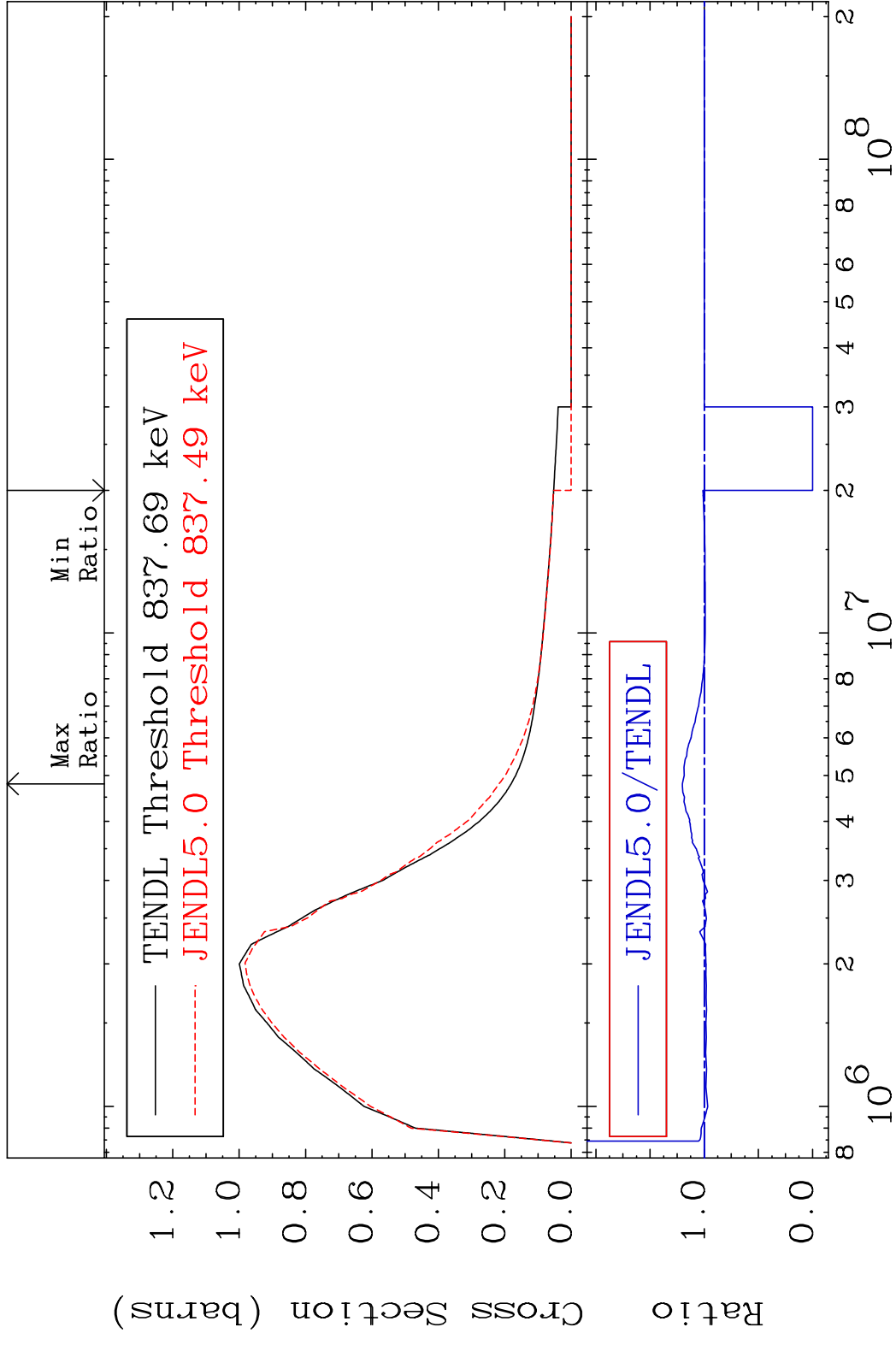
MAT 2643 (n, n') α 26-Fe-60
 Cross Section -100.0 To 90.86 %



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

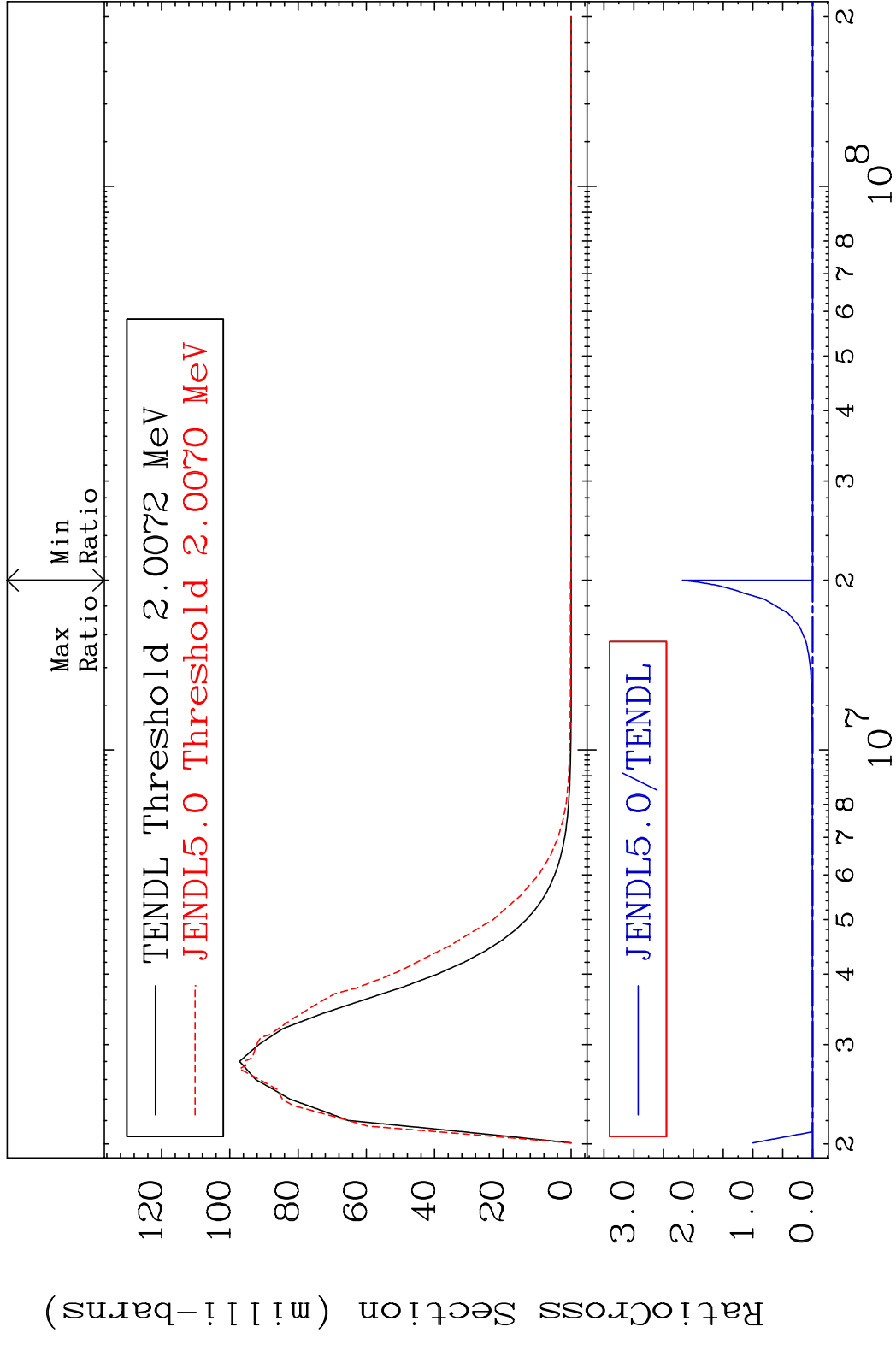


MAT 2643 MT= 51 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 20.18 %

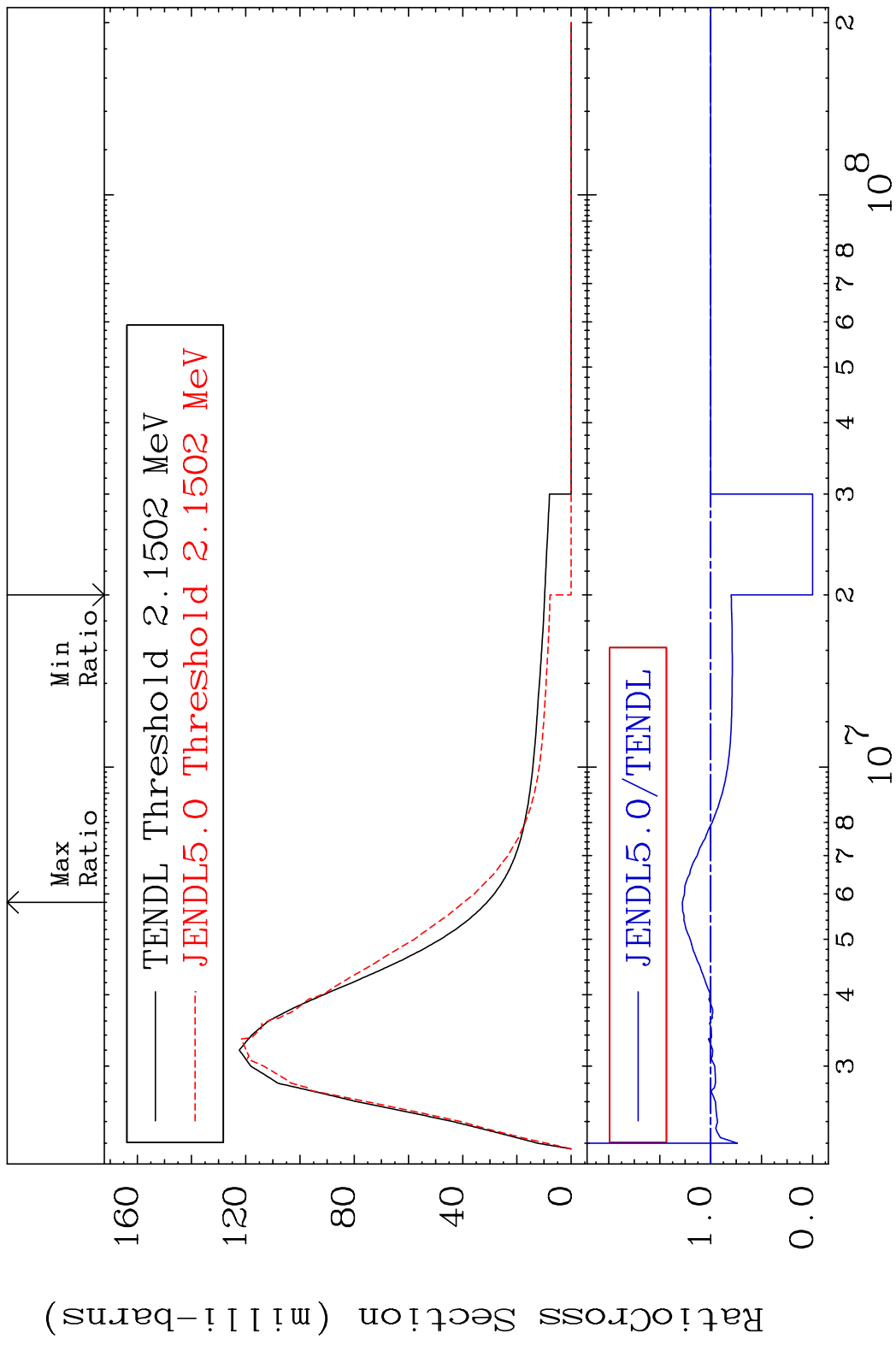


9 Incident Energy (eV) 26-Fe-60

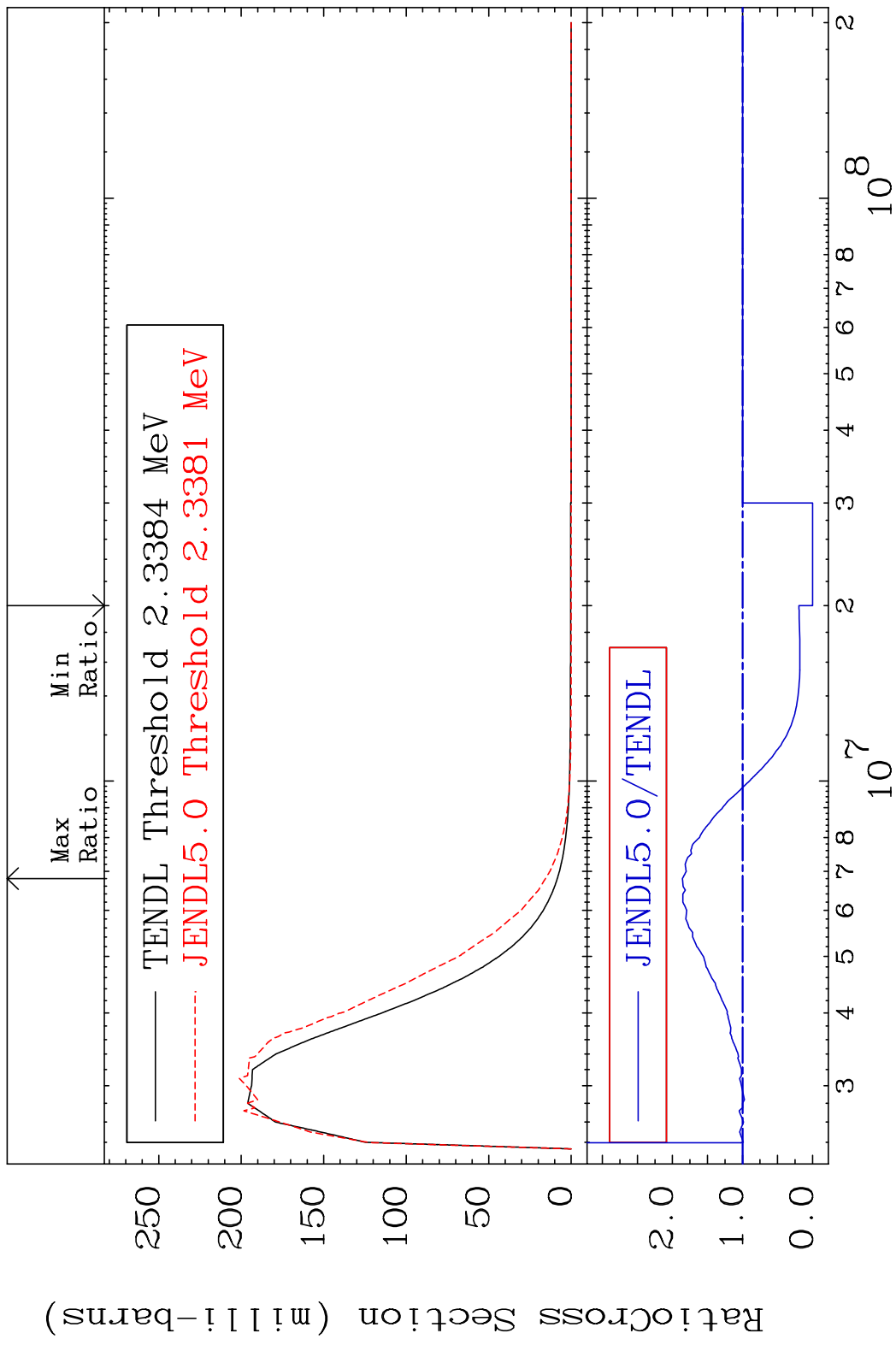
MAT 2643 MT= 52 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



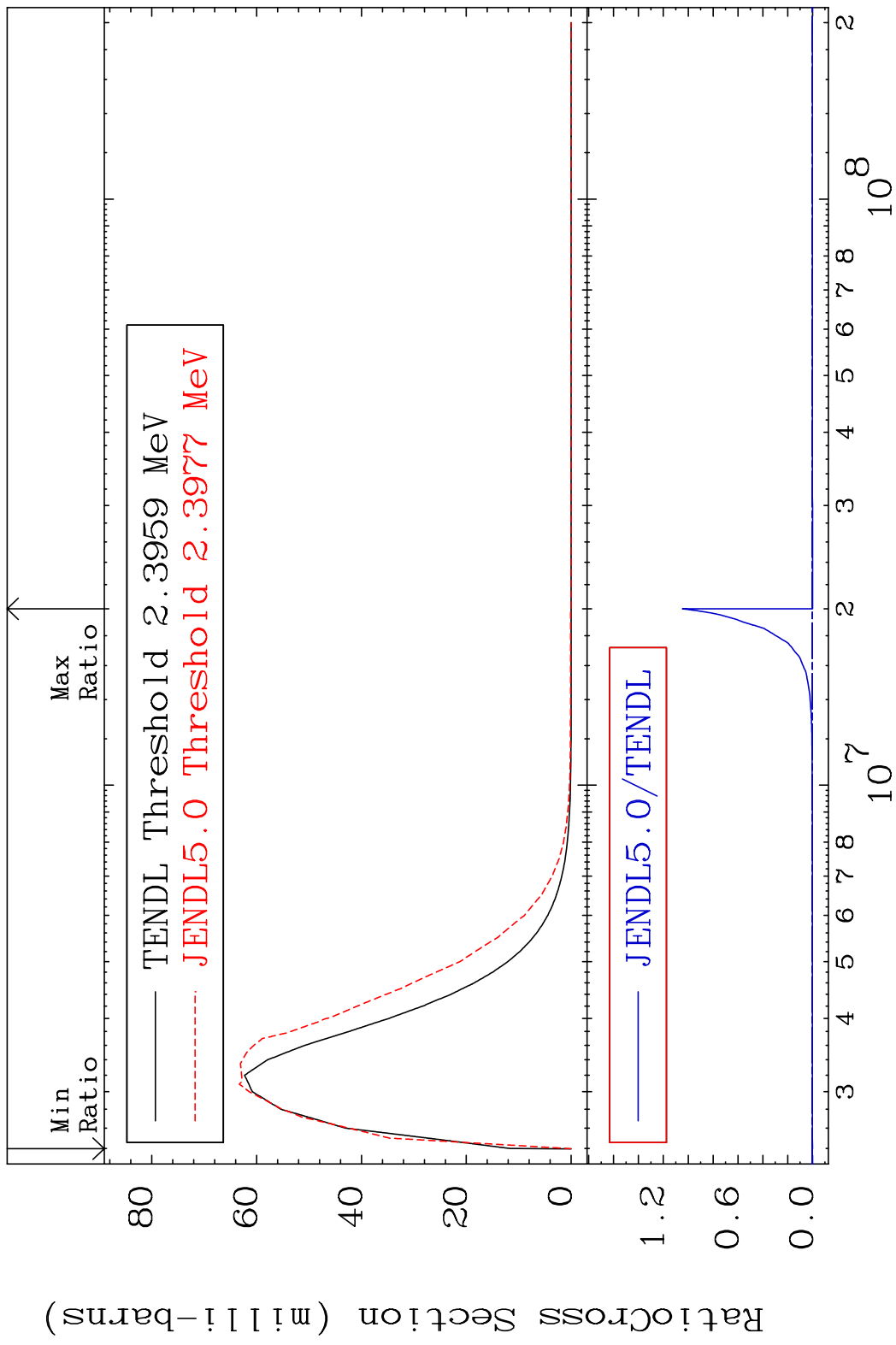
MAT 2643 MT= 53 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 27.80 %



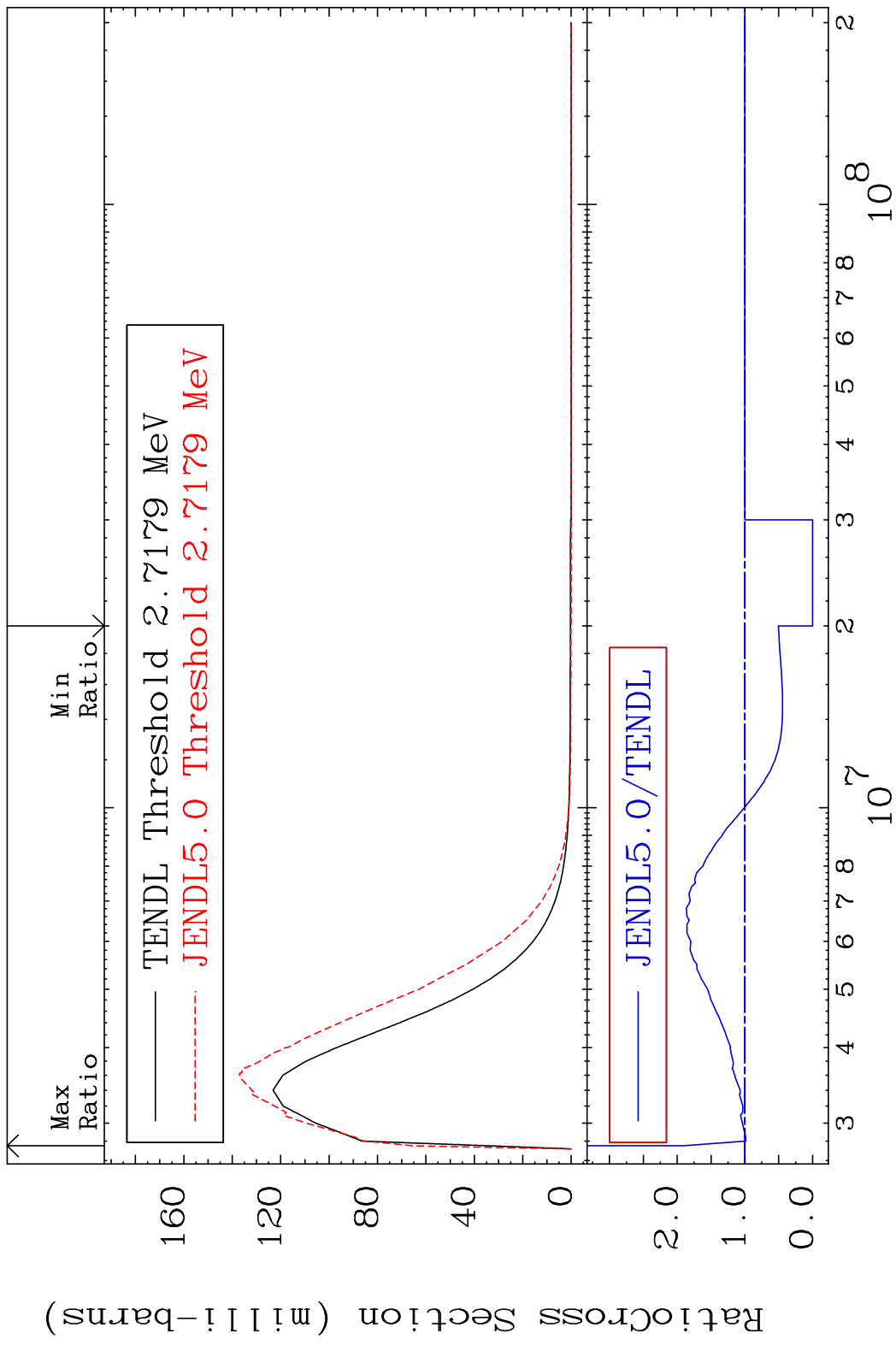
MAT 2643 MT= 54 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 85.87 %



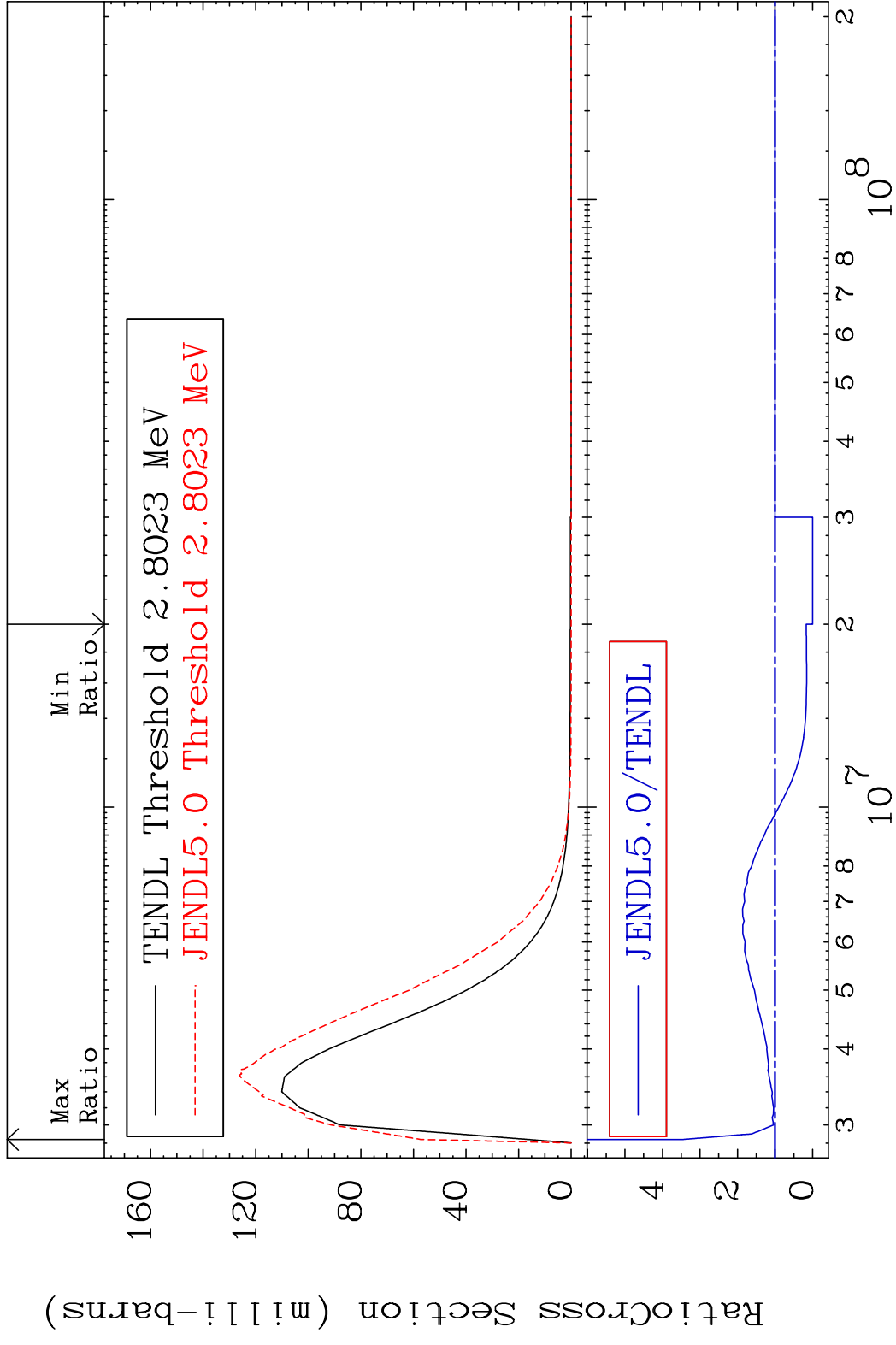
MAT 2643 MT= 55 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



MAT 2643 MT= 56 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 92.36 %

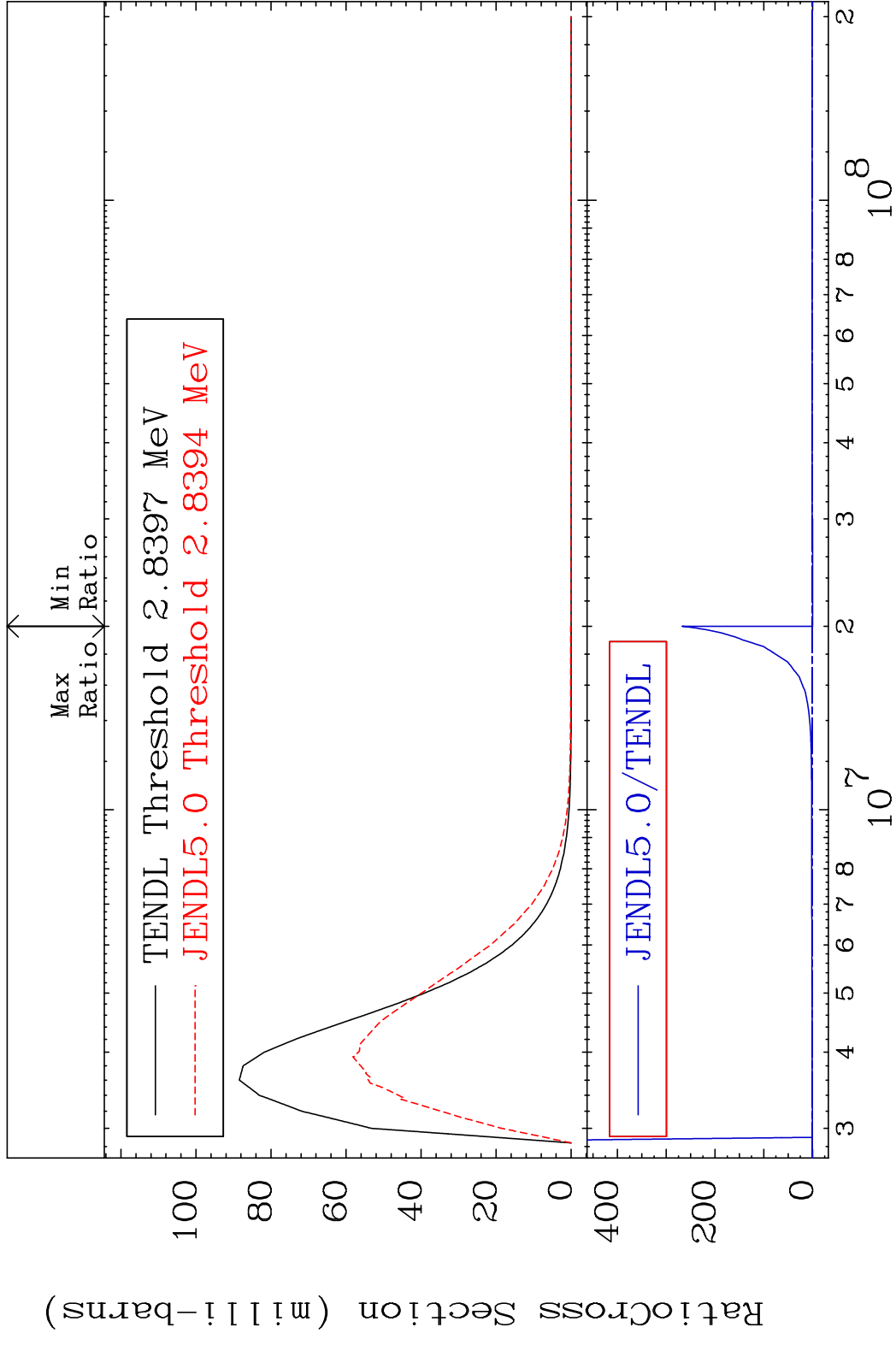


MAT 2643 MT= 57 (n,n') Level 26-Fe-60
 Cross Section -100.0 To 247.0 %

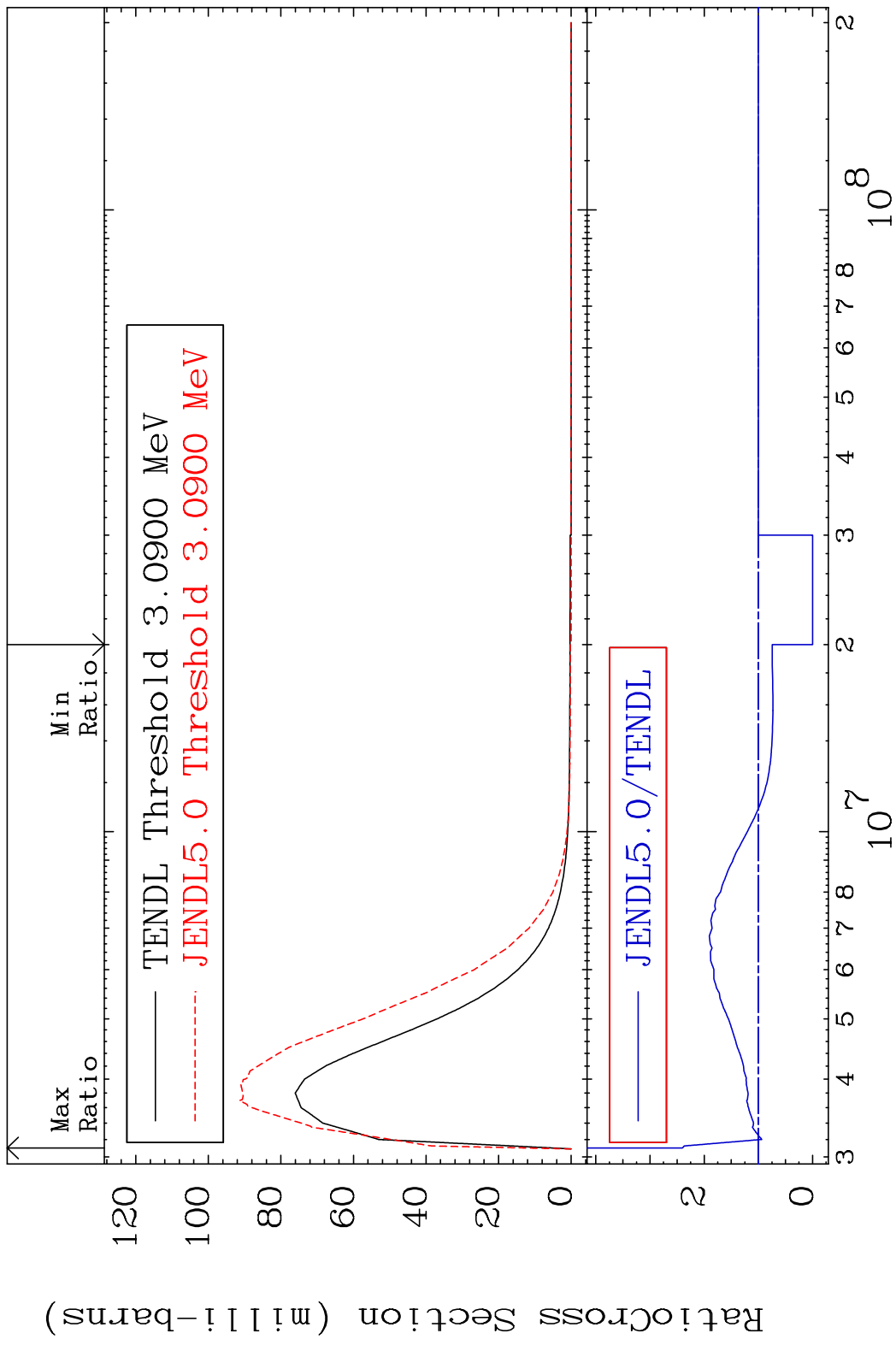


15 26-Fe-60

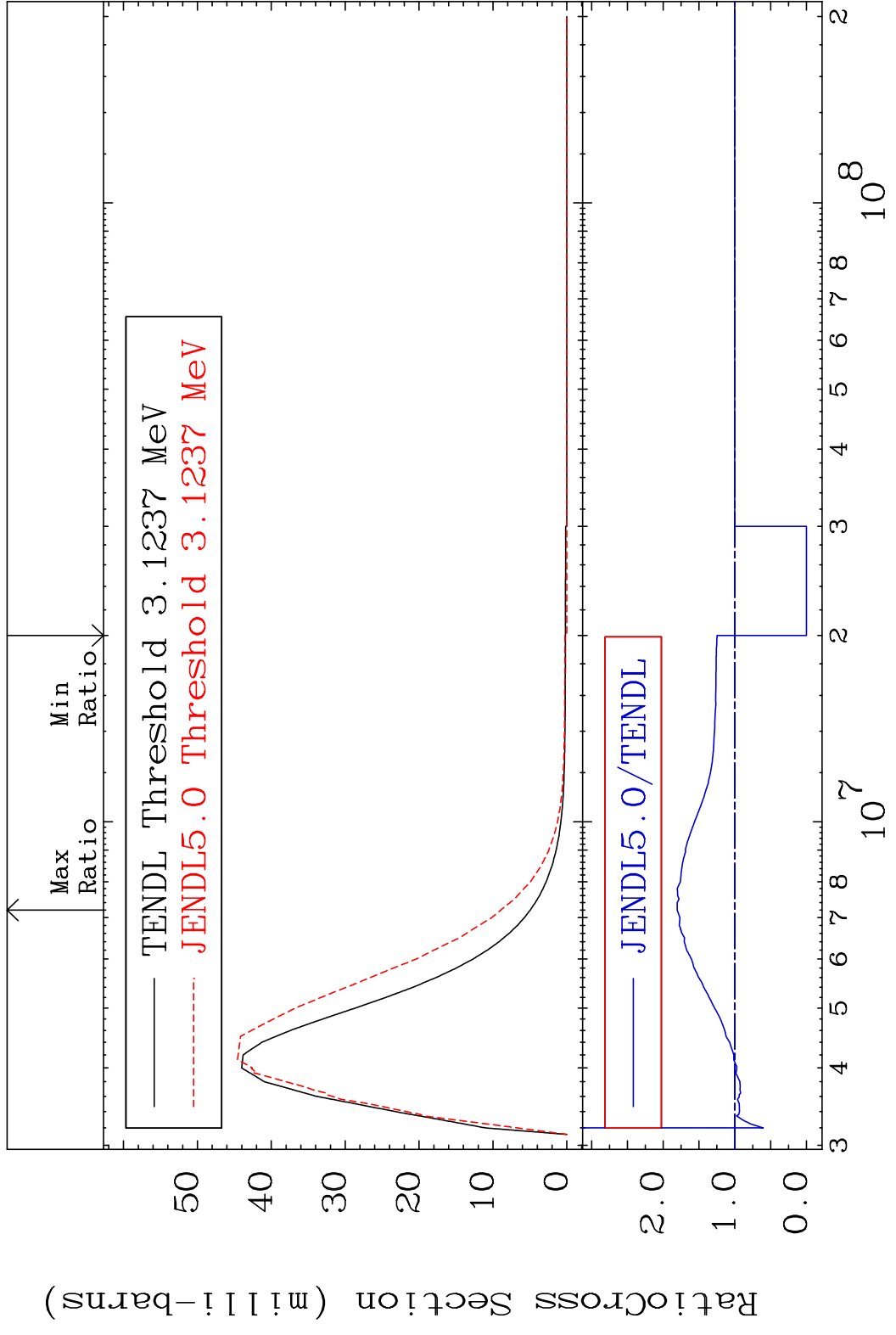
MAT 2643 MT= 58 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



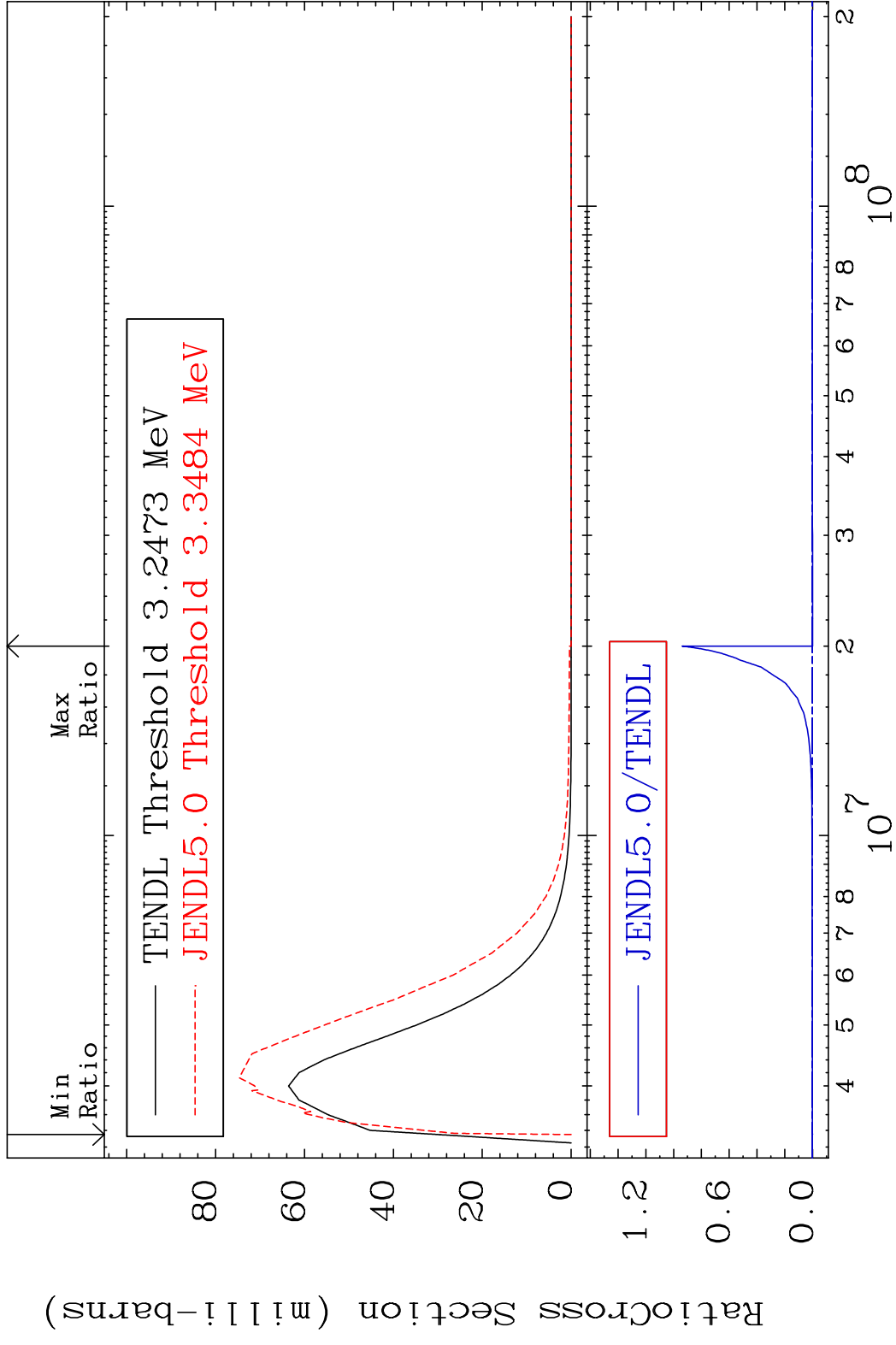
MAT 2643 MT= 59 (n,n') Level 26-Fe-60
 Cross Section -100.0 To 140.3 %



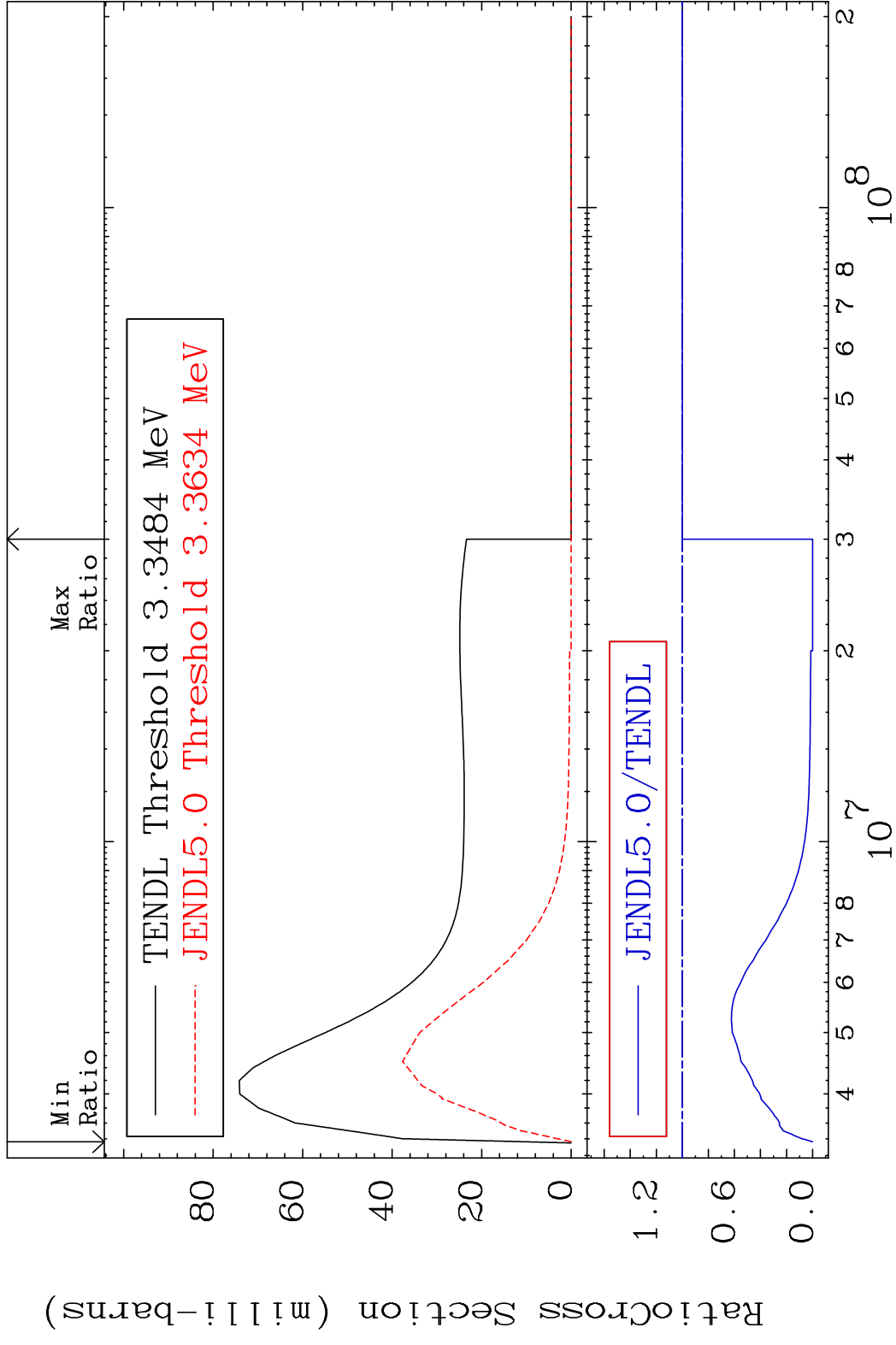
MAT 2643 MT= 60 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 80.48 %



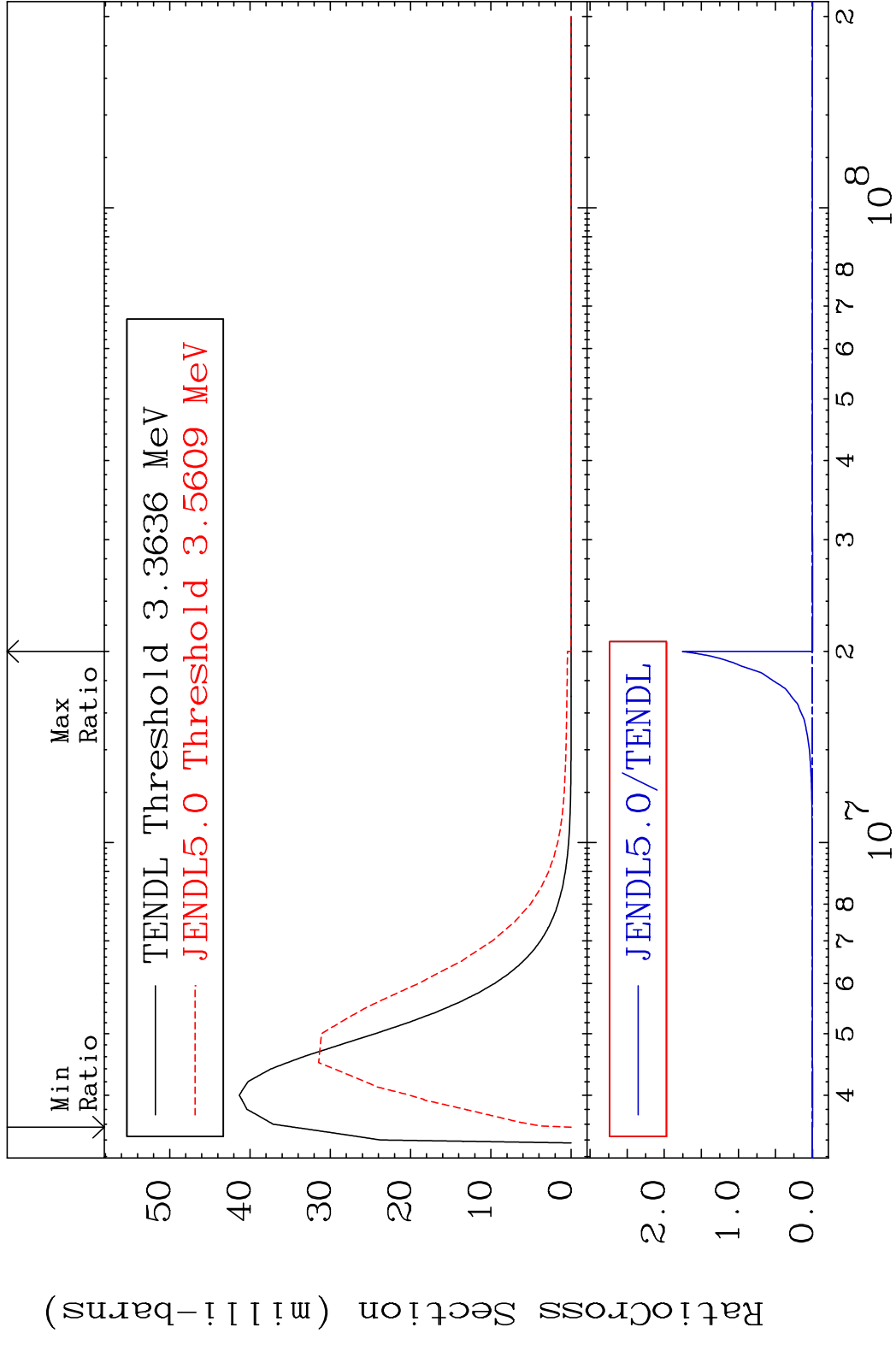
MAT 2643 MT= 61 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



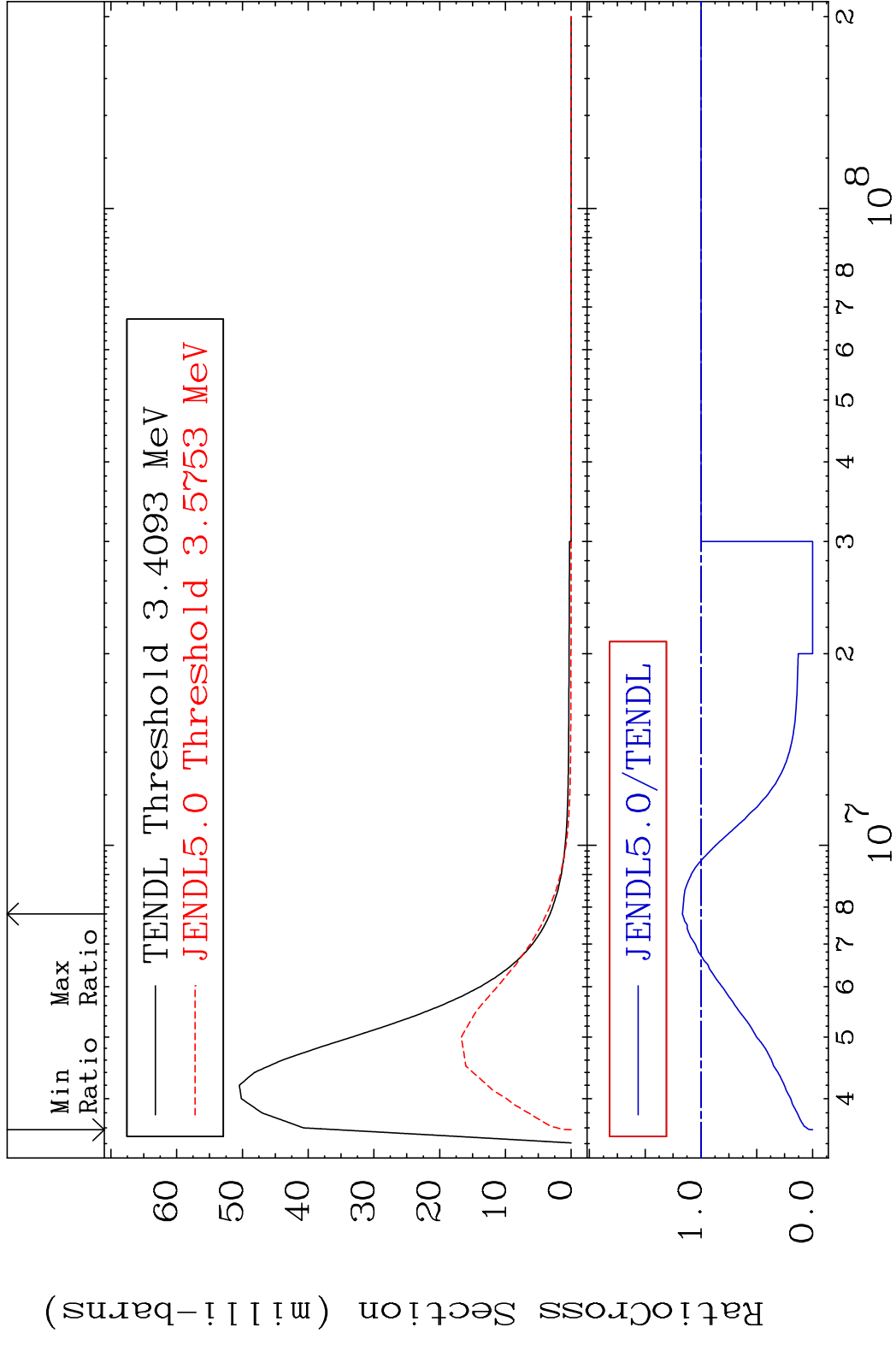
MAT 2643 MT= 62 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 0.000 %



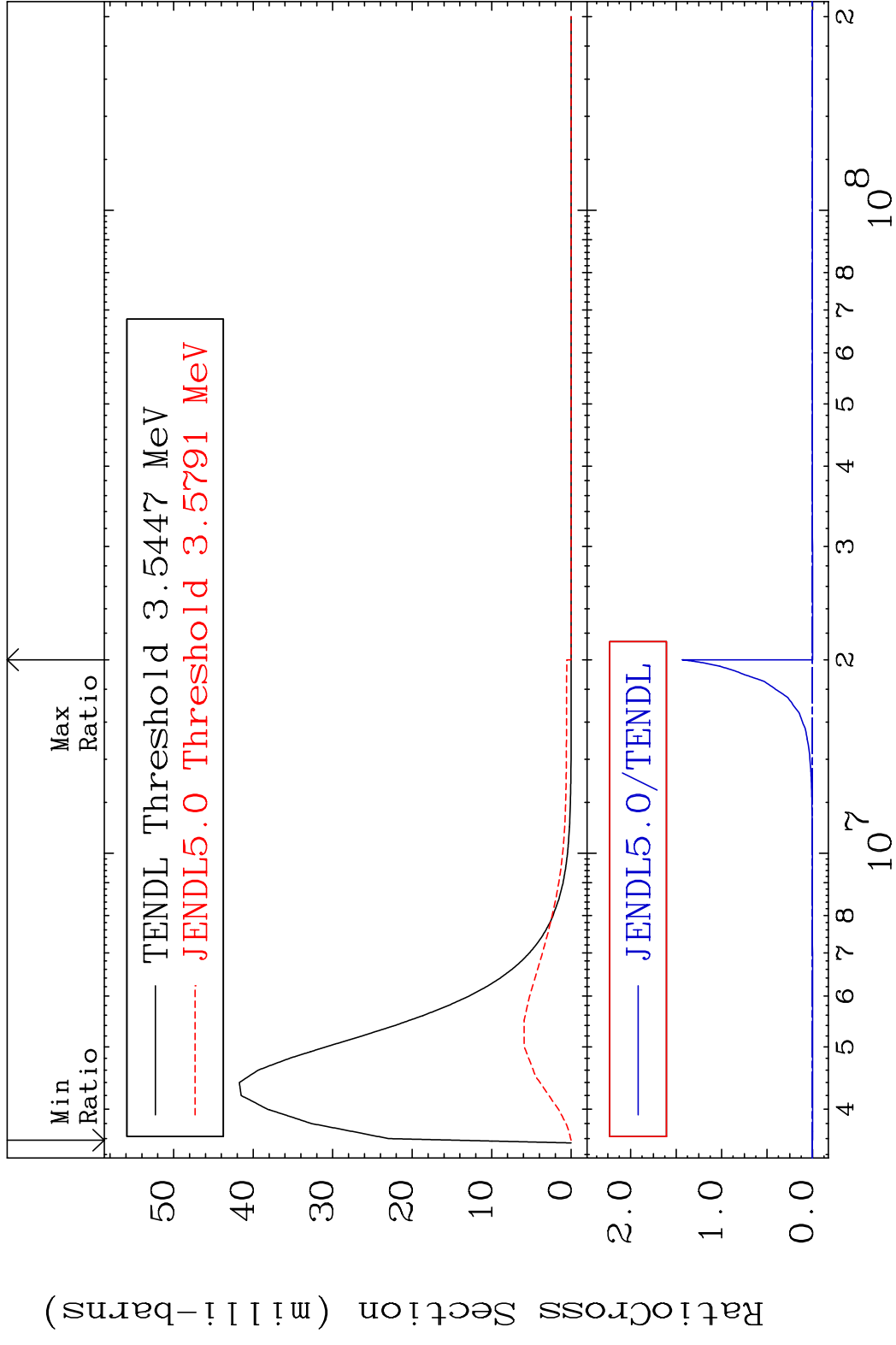
MAT 2643 MT= 63 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 9999. %



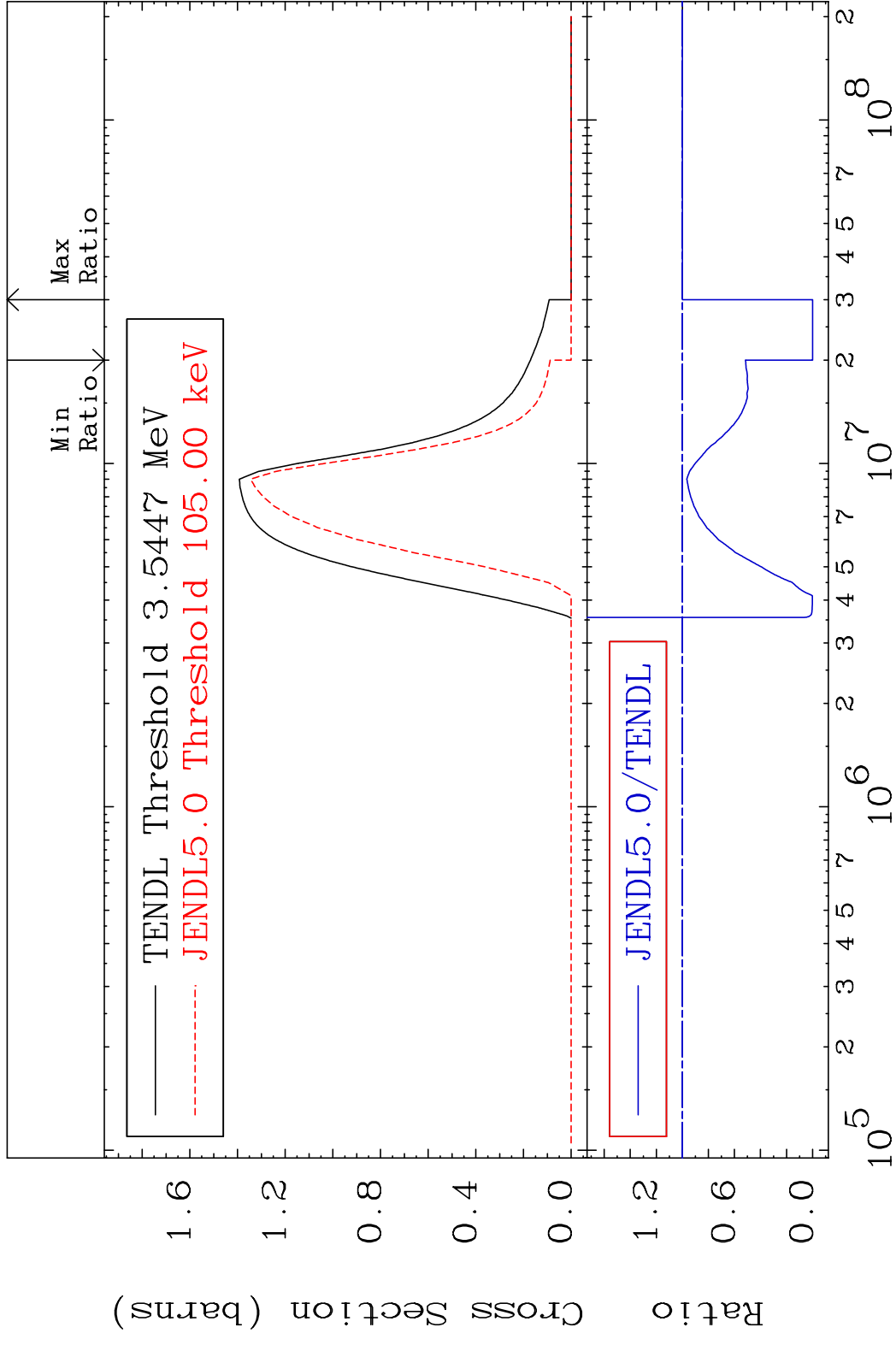
MAT 2643 MT= 64 (n, n') Level 26-Fe-60
 Cross Section -100.0 To 16.72 %



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



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



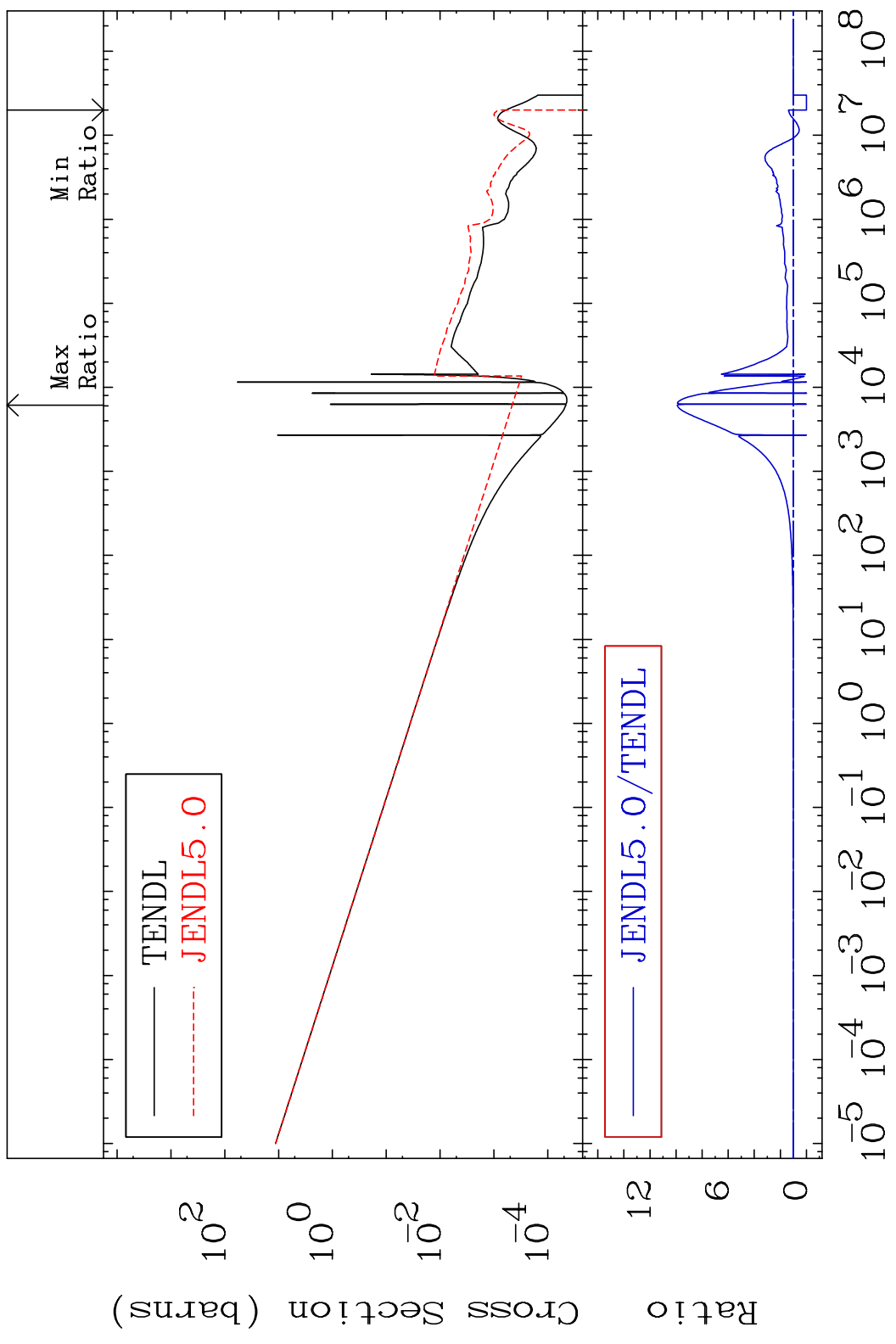
24 Incident Energy (eV) 26-Fe-60

MAT 2643

(n, γ)

26-Fe-60

Cross Section -100.0 To 891.1 %

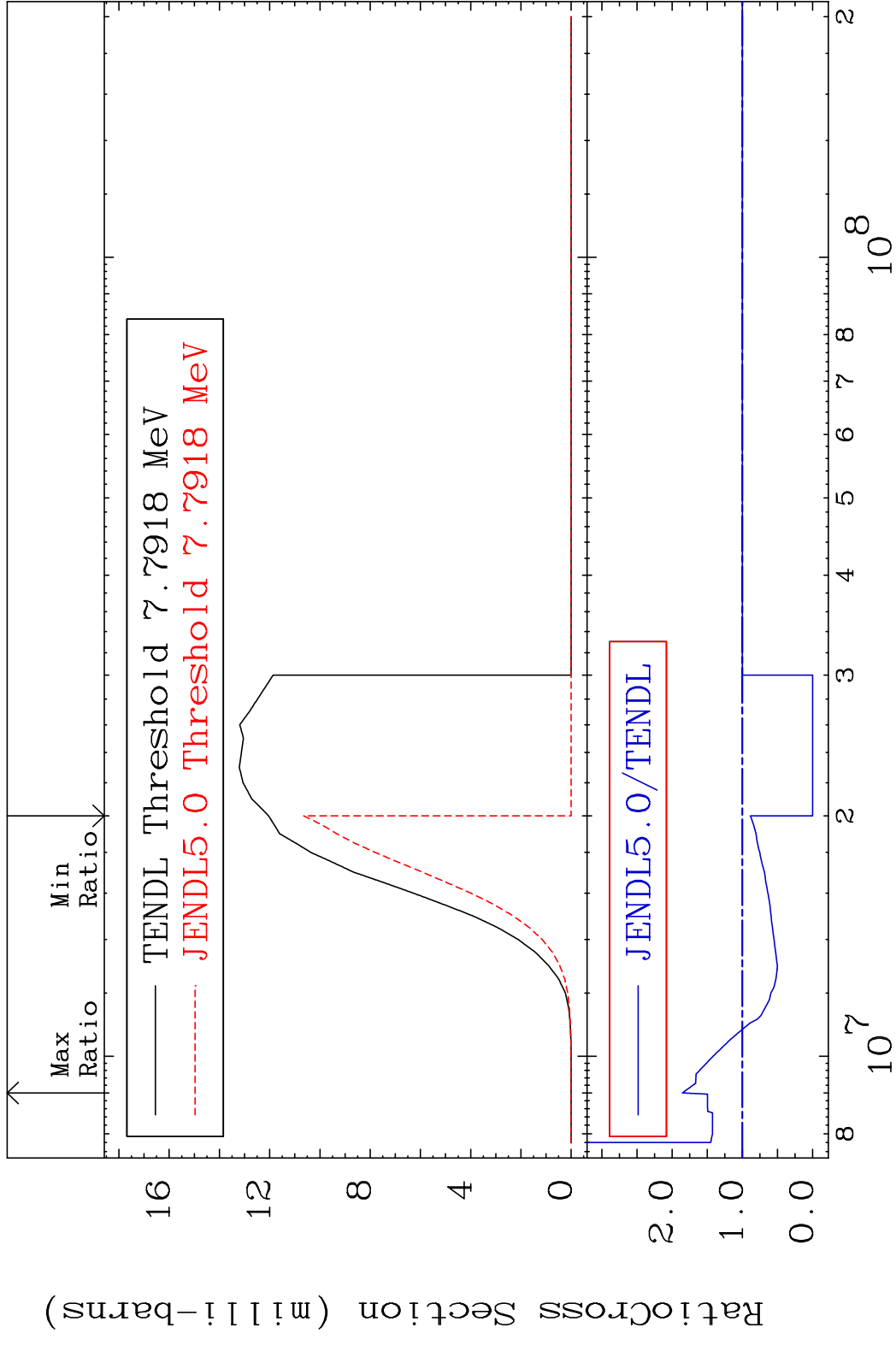


25

Incident Energy (eV)

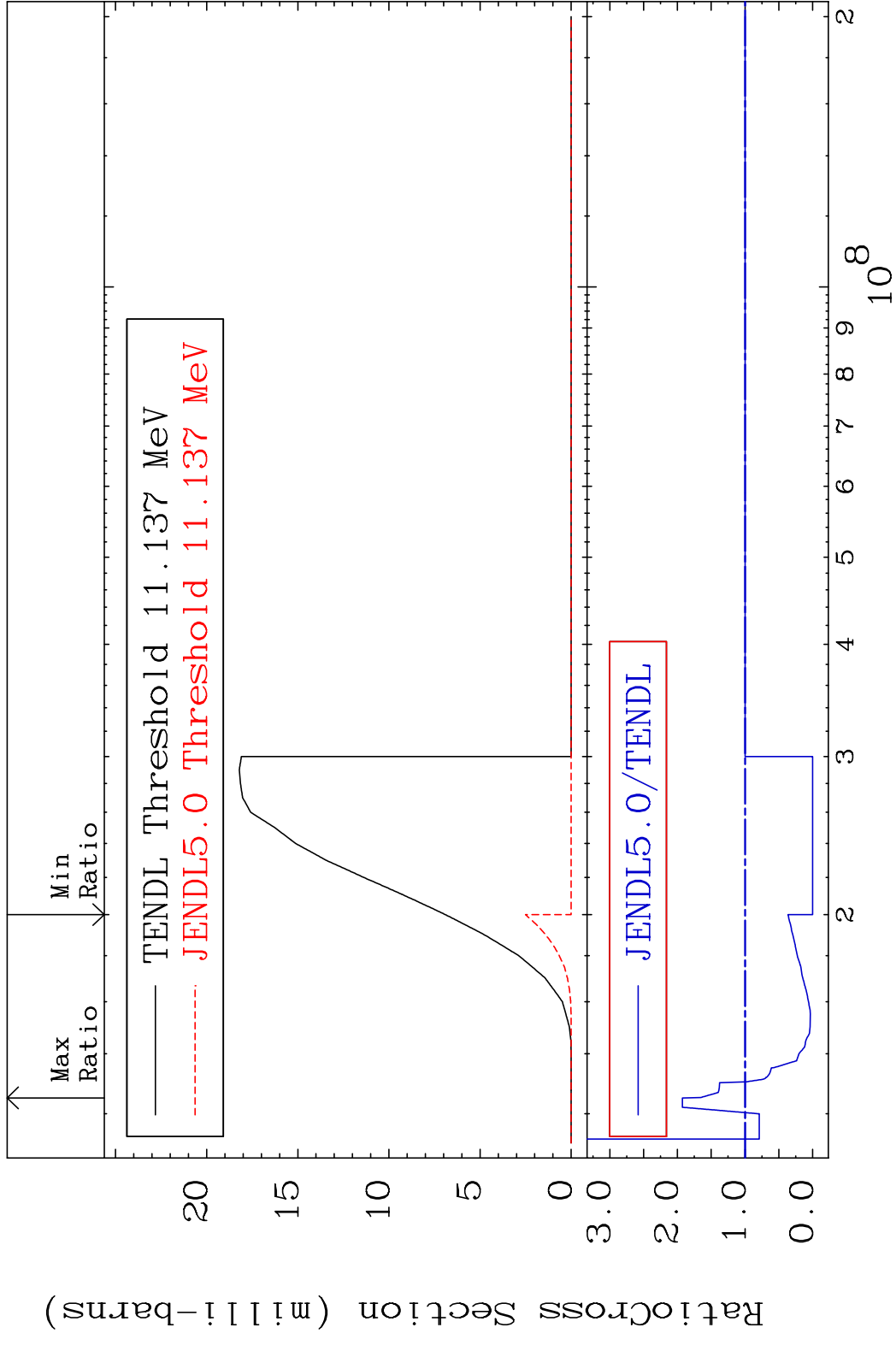
26-Fe-60

MAT 2643 (n,p) 26-Fe-60
 Cross Section -100.0 To 85.36 %

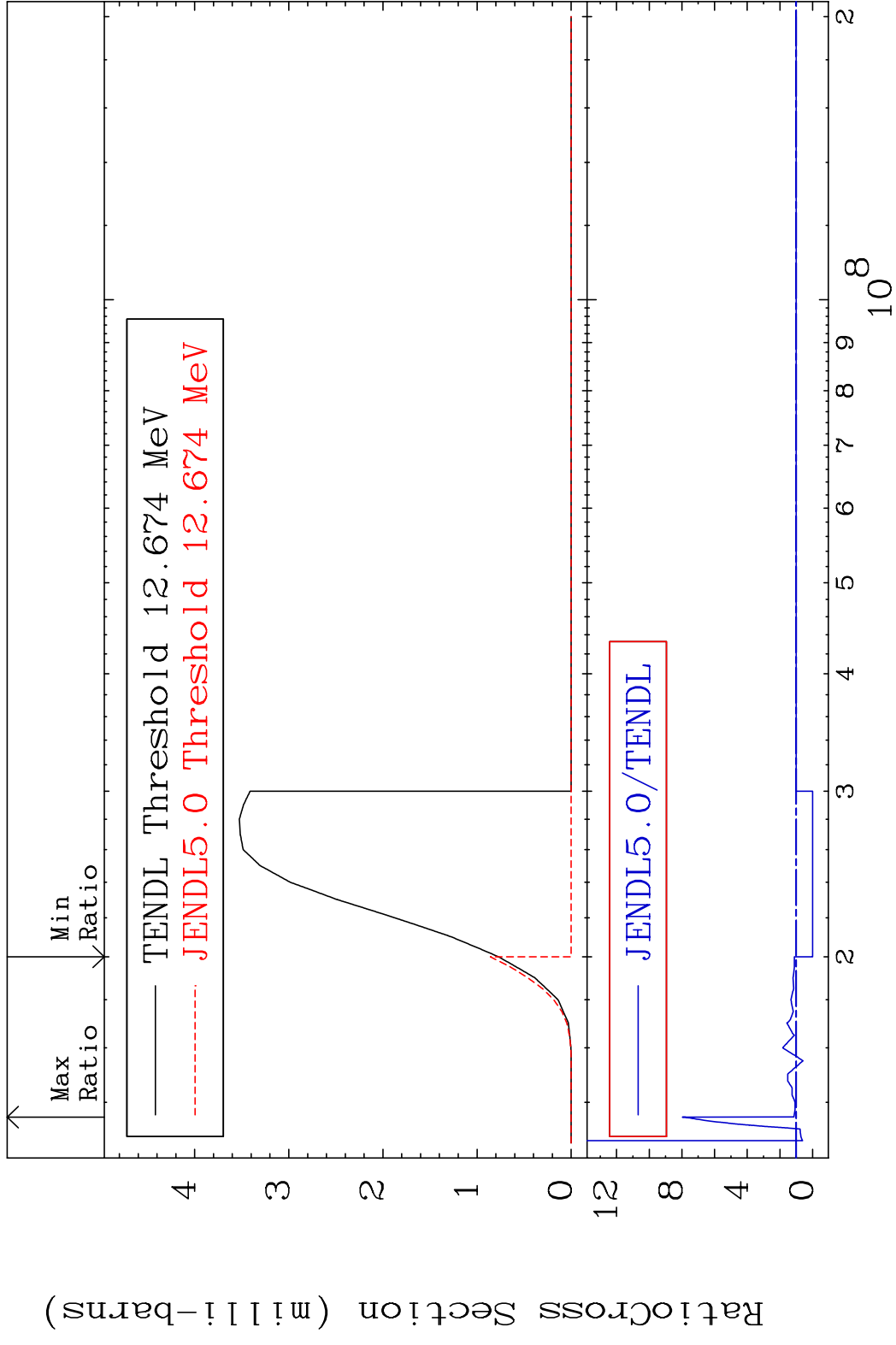


26 Incident Energy (eV) 26-Fe-60

MAT 2643 (n,d) 26-Fe-60
 Cross Section -100.0 To 92.73 %



MAT 2643 (n, t) 26-Fe-60
 Cross Section -100.0 To 697.3 %

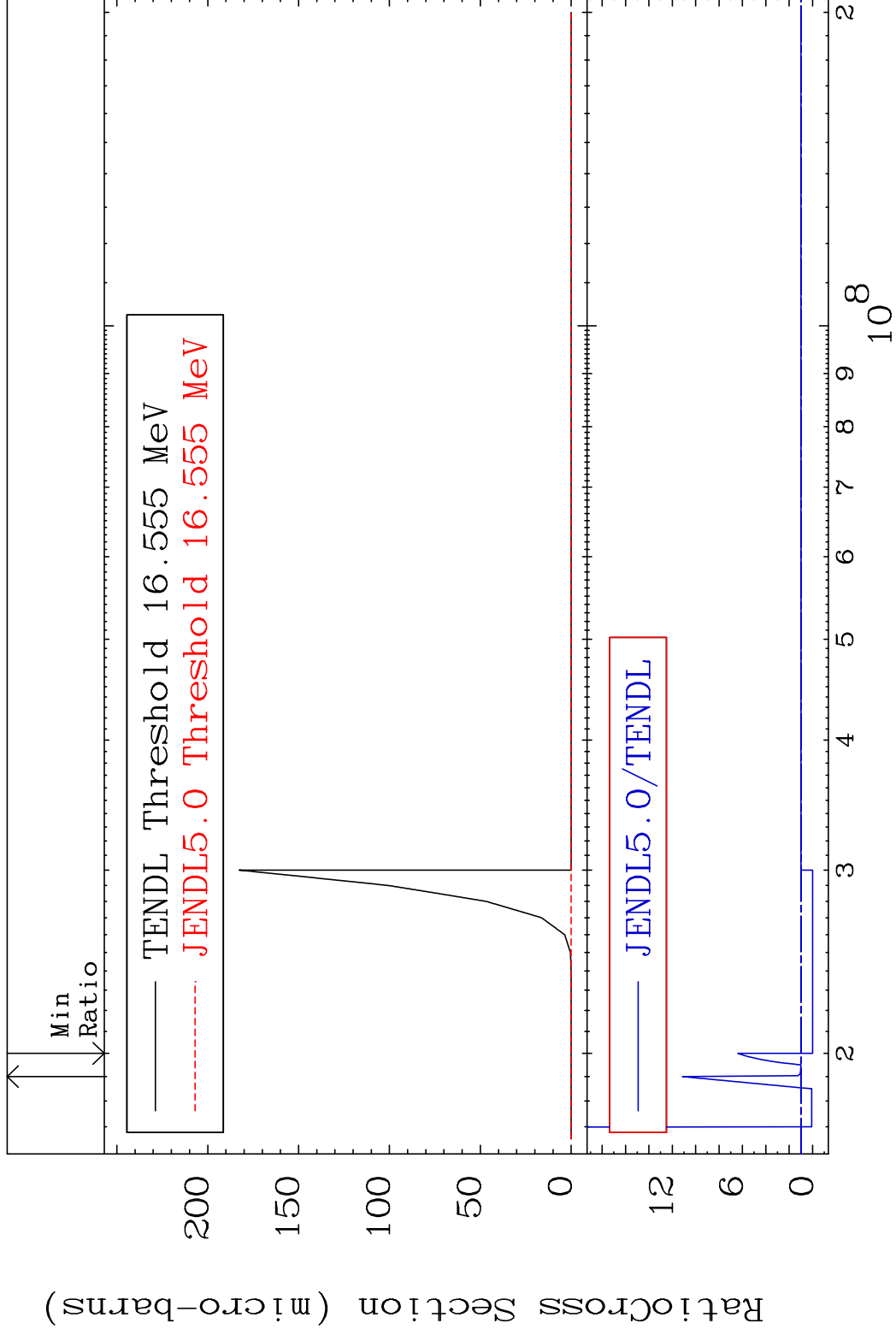


MAT 2643

(n, He-3)

²⁶Fe-60

Cross Section -100.0 To 1014. %

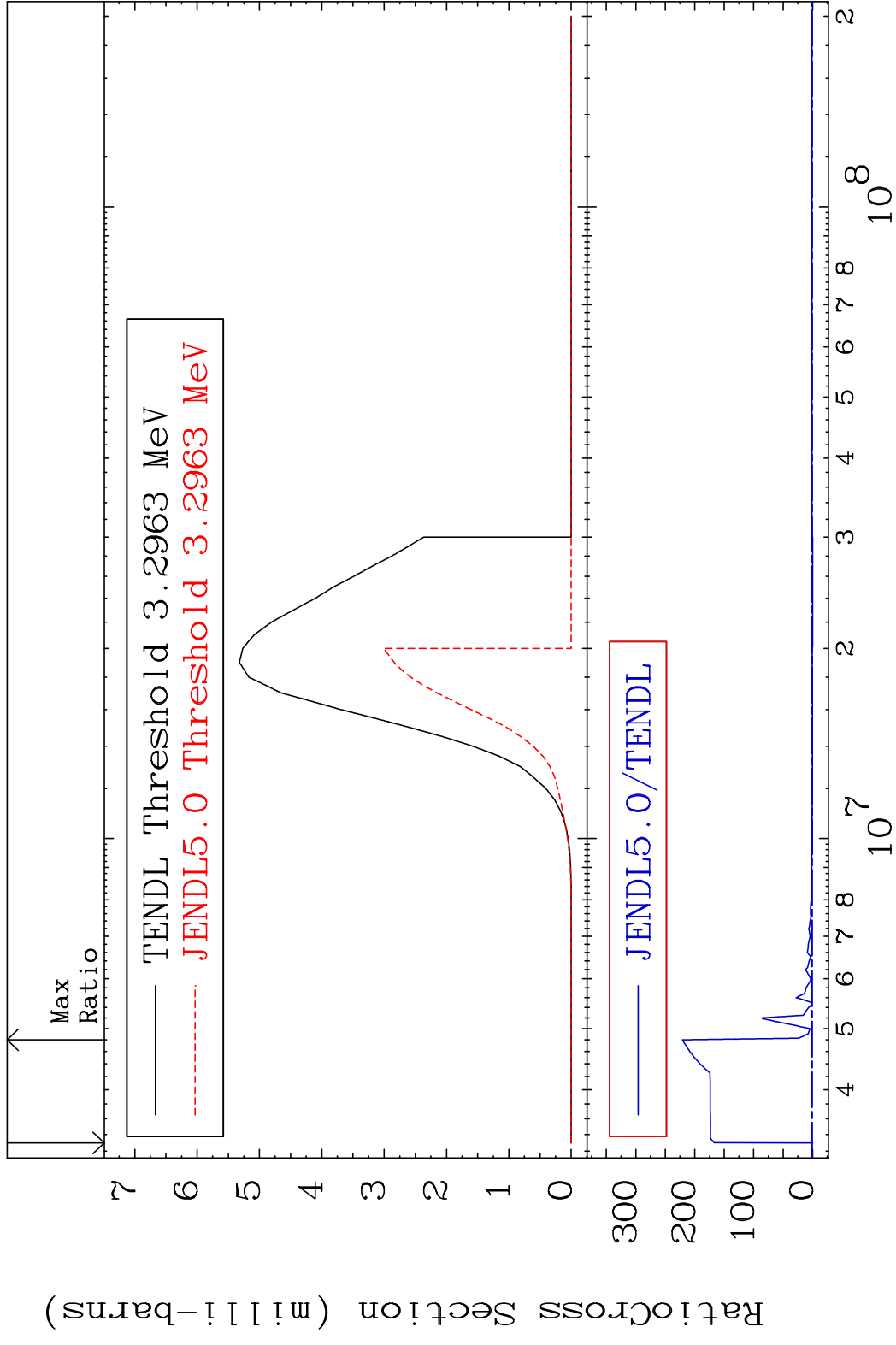


29

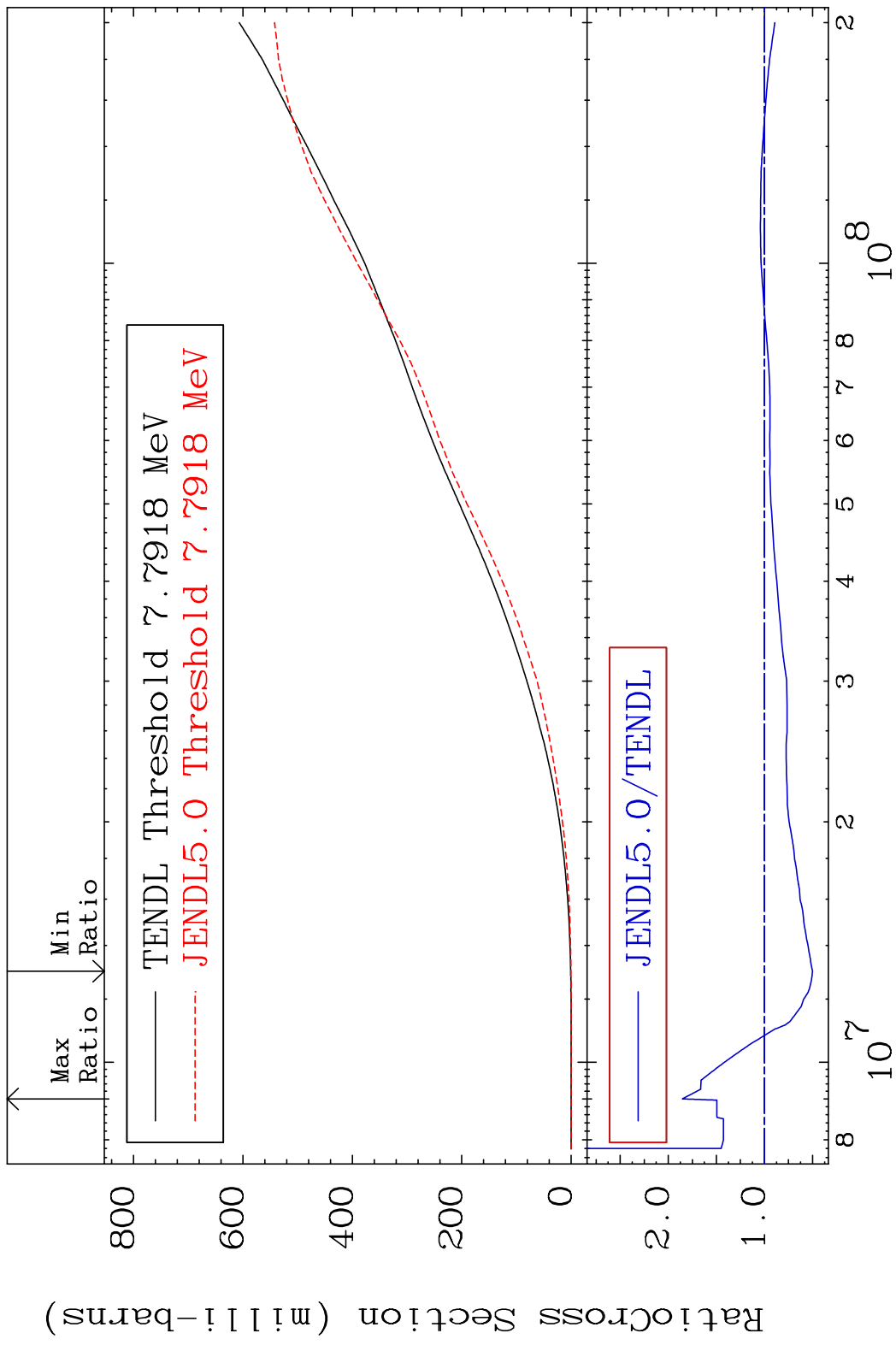
Incident Energy (eV)

²⁶Fe-60

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



MAT 2643 Hydrogen Production ²⁶Fe-60
 Cross Section -49.99 To 85.36 %

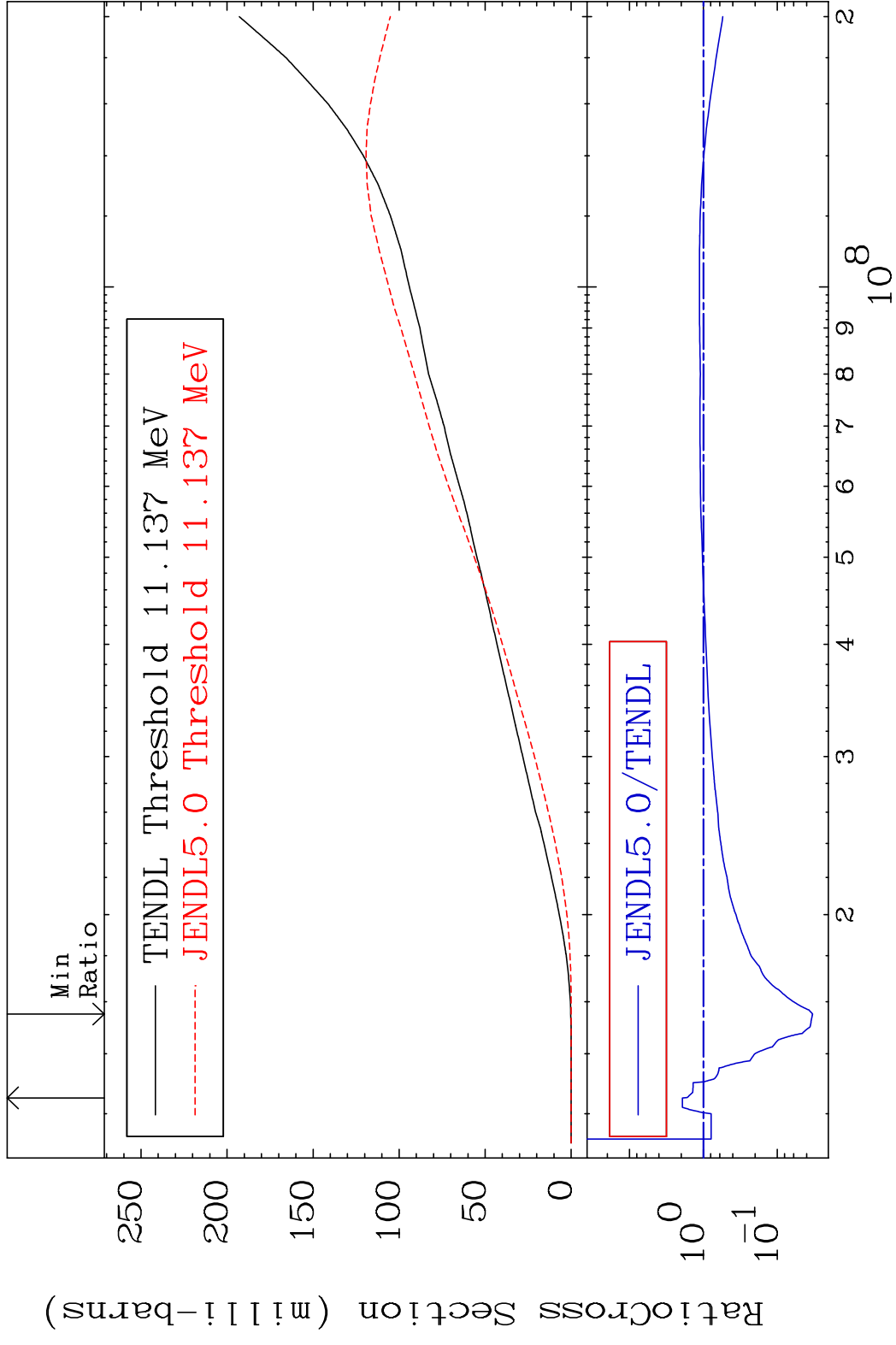


MAT 2643

Deuterium Production

²⁶Fe-60

Cross Section -96.67 To 92.73 %

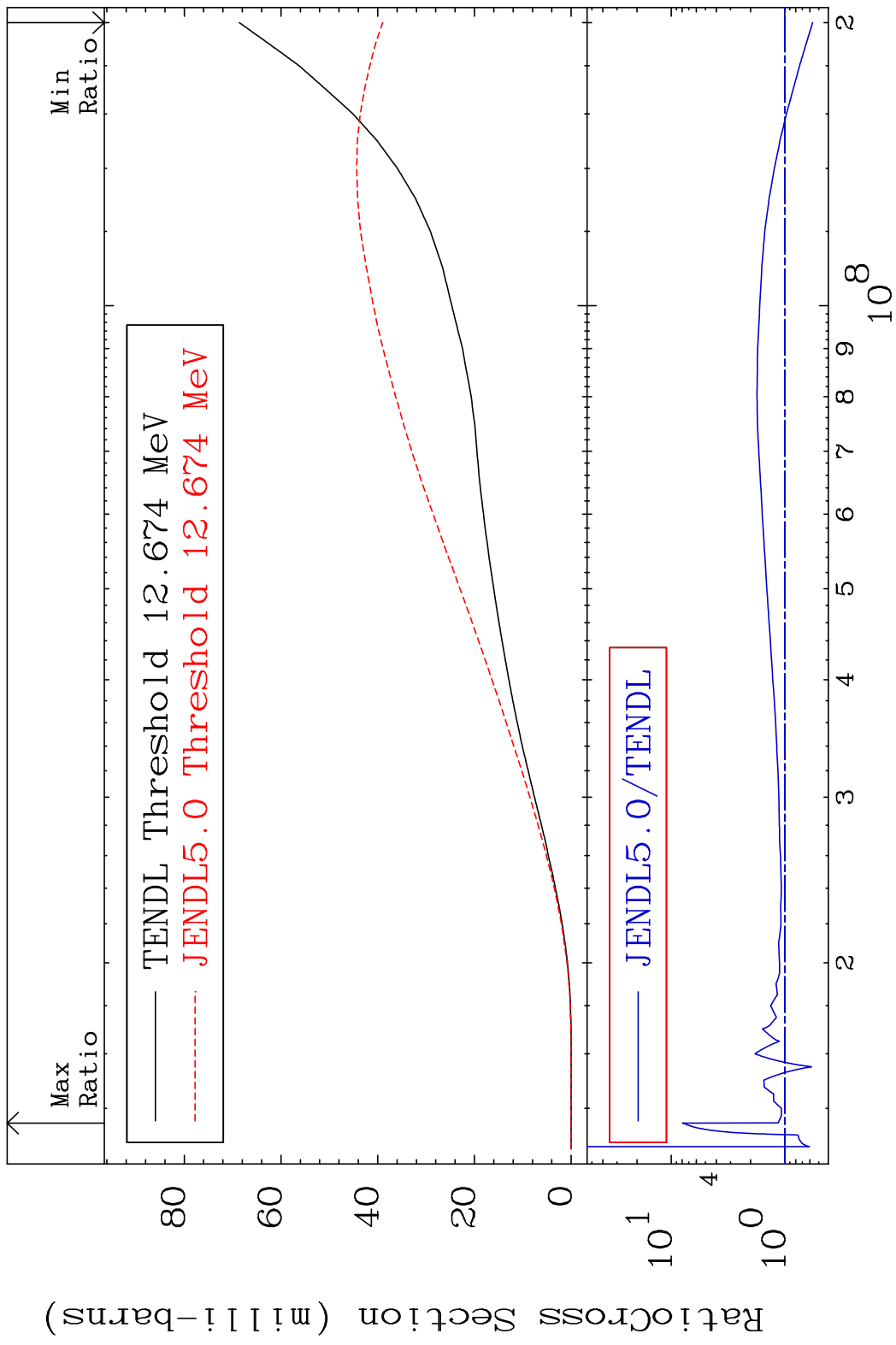


32

Incident Energy (eV)

²⁶Fe-60

MAT 2643 Tritium Production 26-Fe-60
 Cross Section -43.19 To 697.3 %

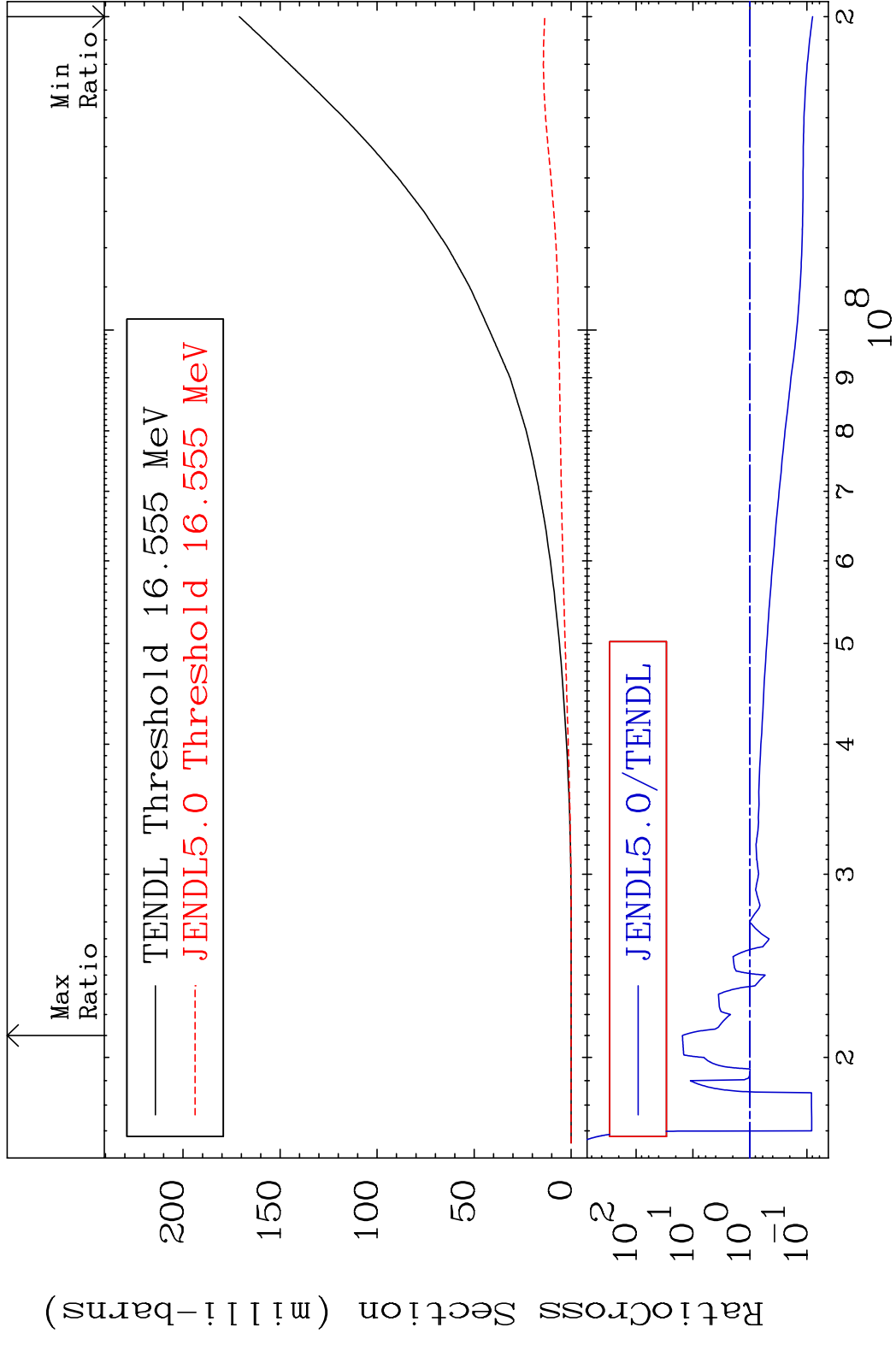


MAT 2643

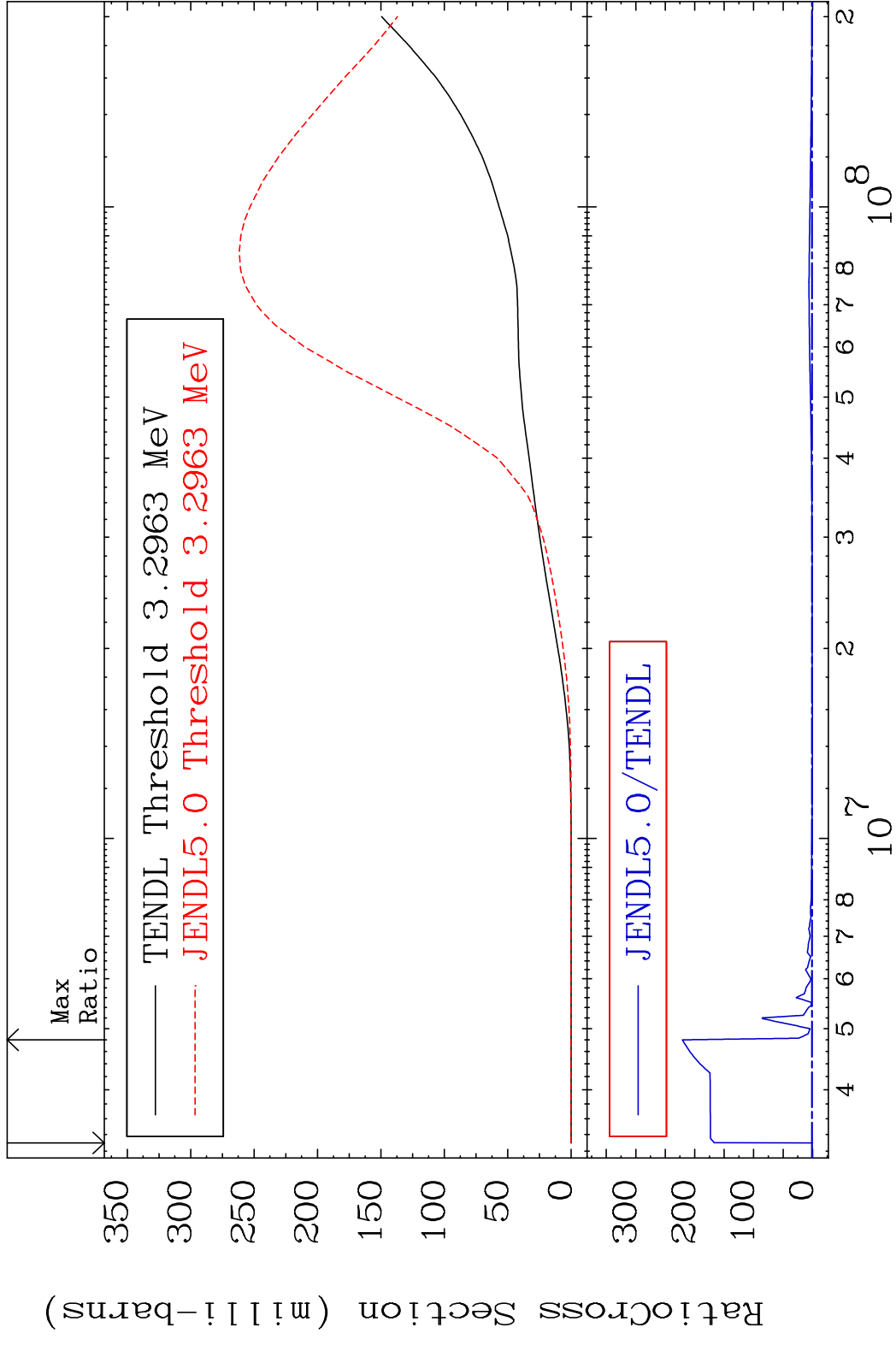
He-3 Production

²⁶Fe-60

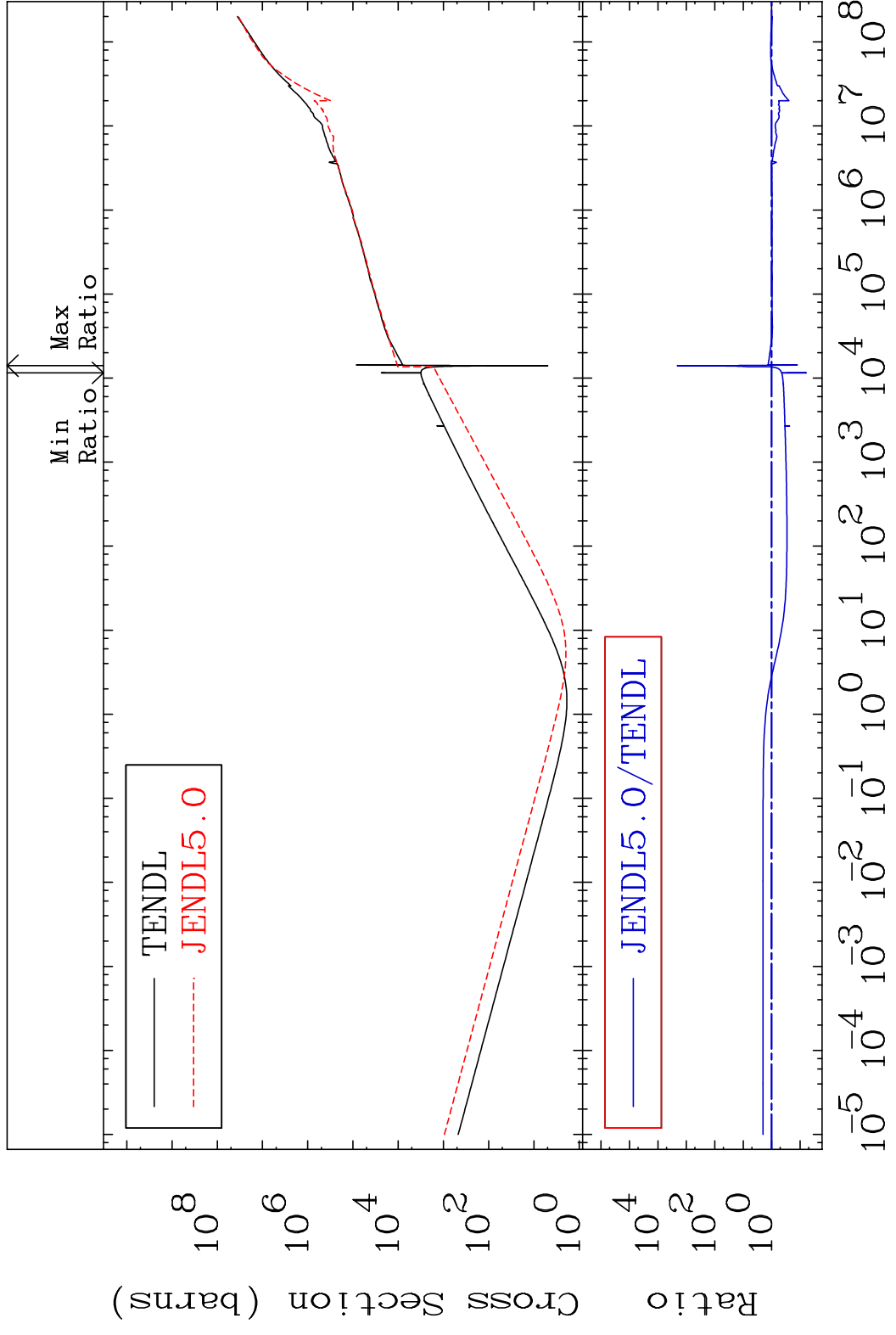
Cross Section -92.05 To 1435. %



MAT 2643 He-4 Production 26-Fe-60
 Cross Section -100.0 To 9999. %



MAT 2643 Kerma total (eV-barns) 26-Fe-60
 Cross Section -93.97 To 9999. %

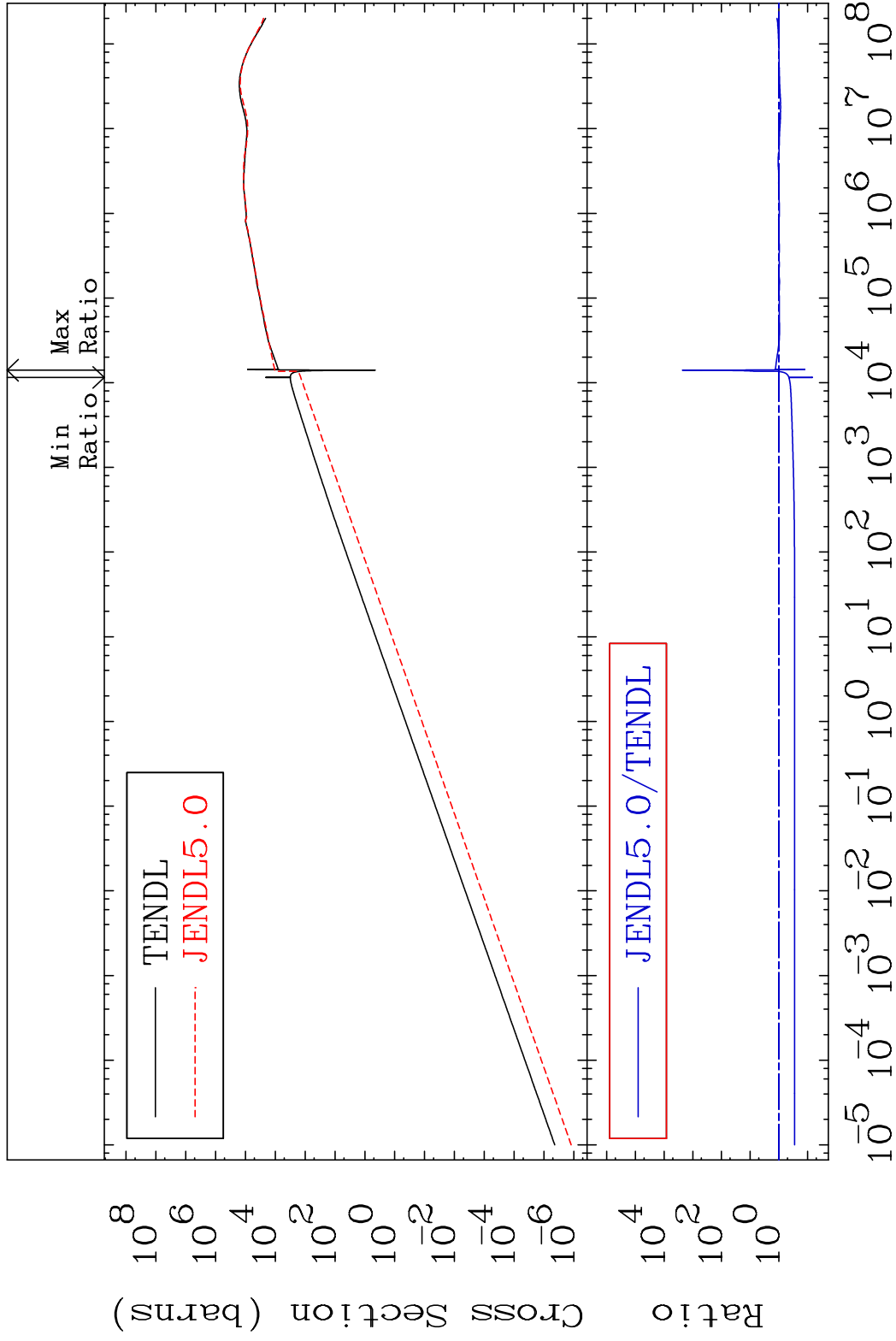


36 Incident Energy (eV) 26-Fe-60

MAT 2643

Kerma elastic
Cross Section

26-Fe-60
-93.28 To 9999. %

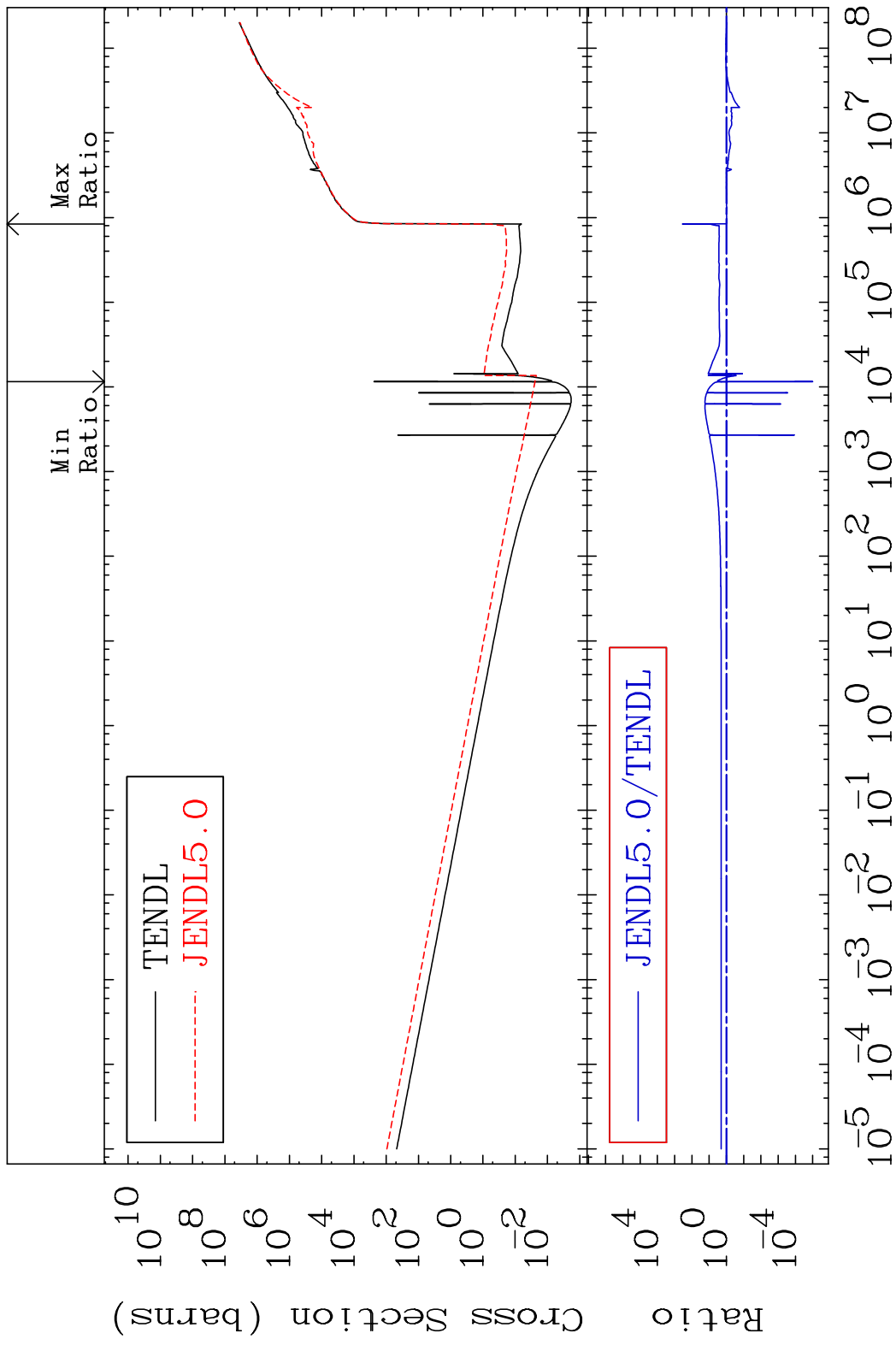


37

Incident Energy (eV)

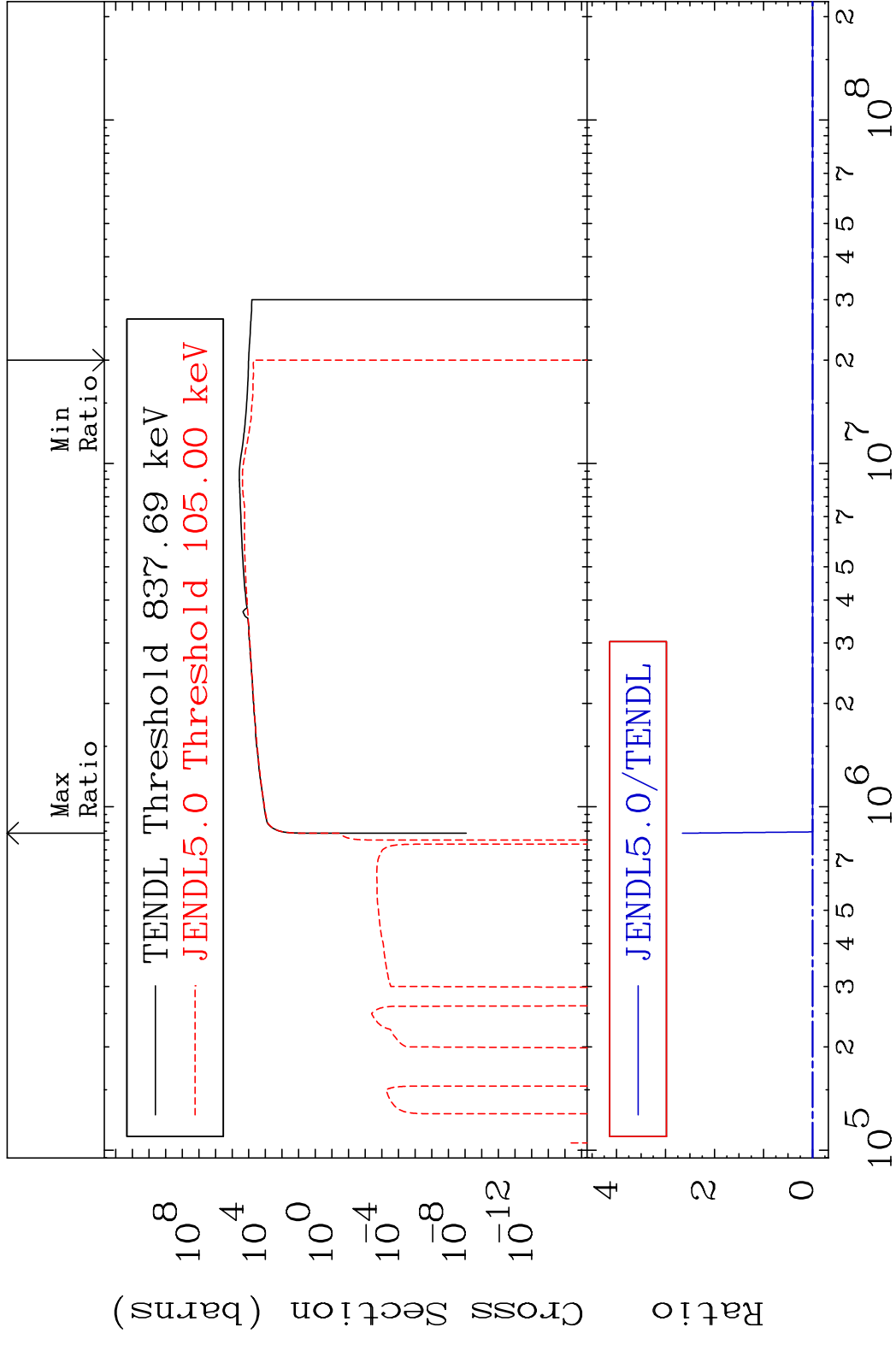
26-Fe-60

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



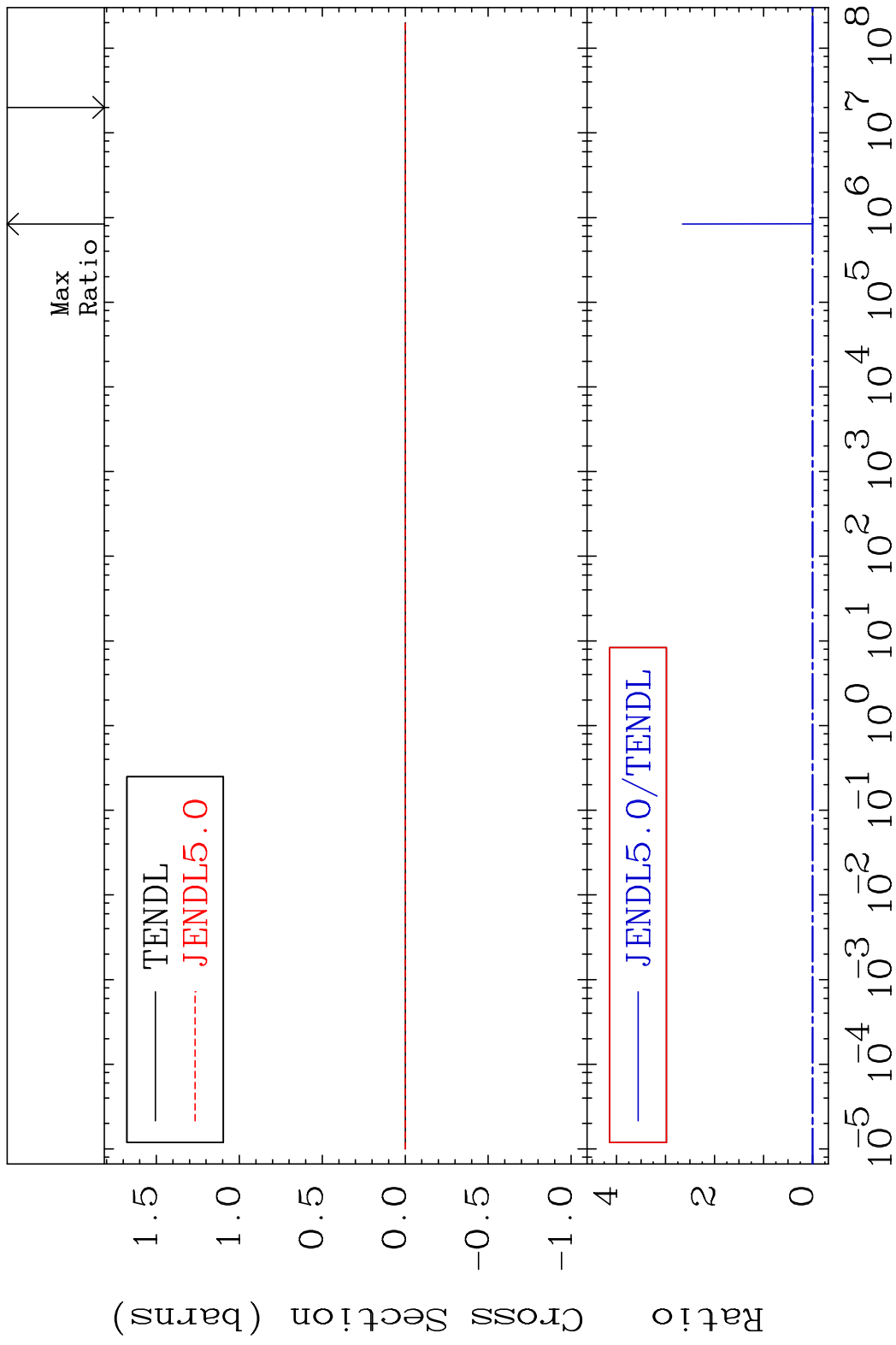
38 Incident Energy (eV) 26-Fe-60

MAT 2643 Kerma inelastic (mt51-91) 26-Fe-60
 Cross Section -100.0 To 9999. %



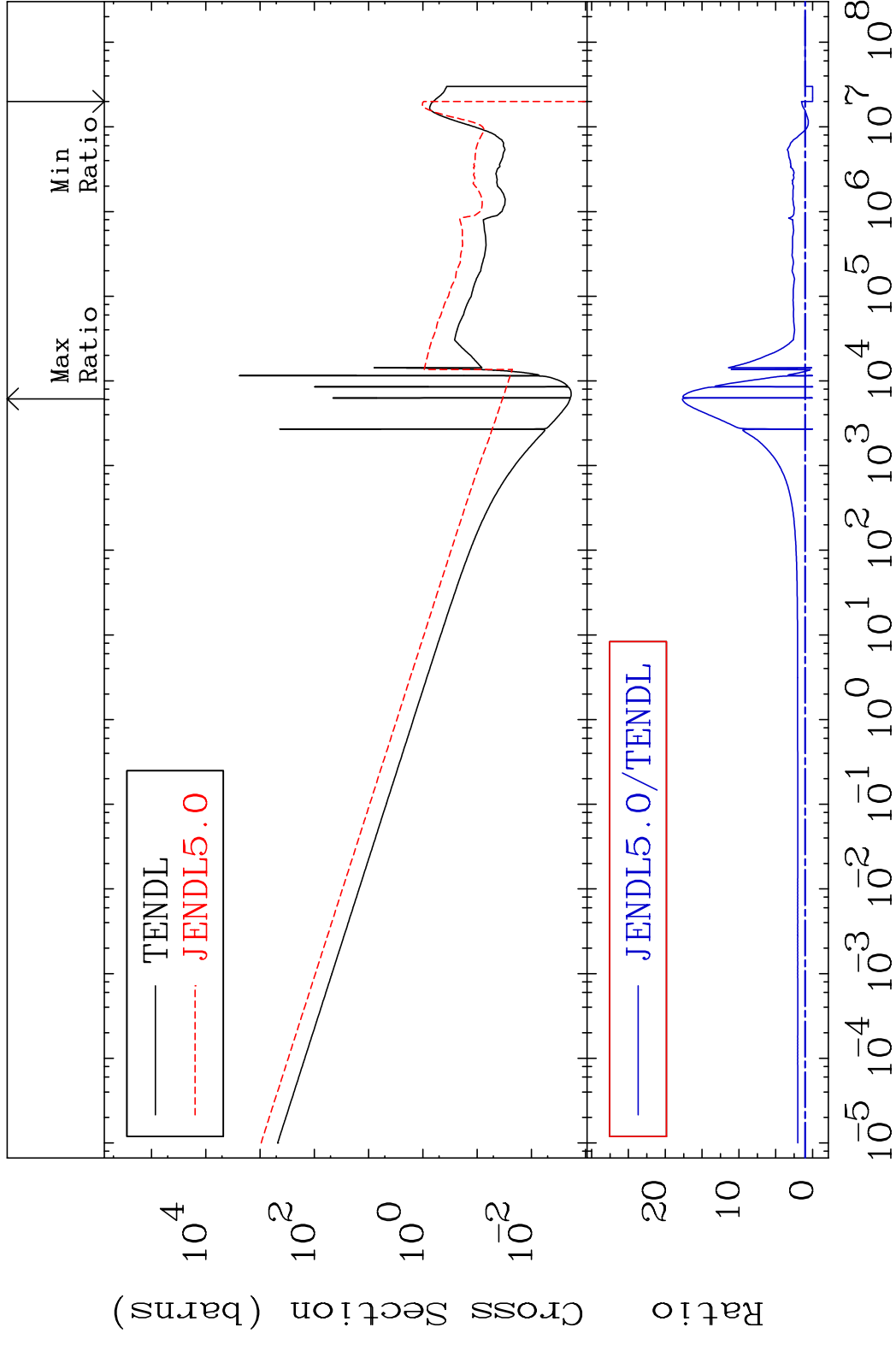
39 Incident Energy (eV) 26-Fe-60

MAT 2643 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-60
 Cross Section -100.0 To 9999. %



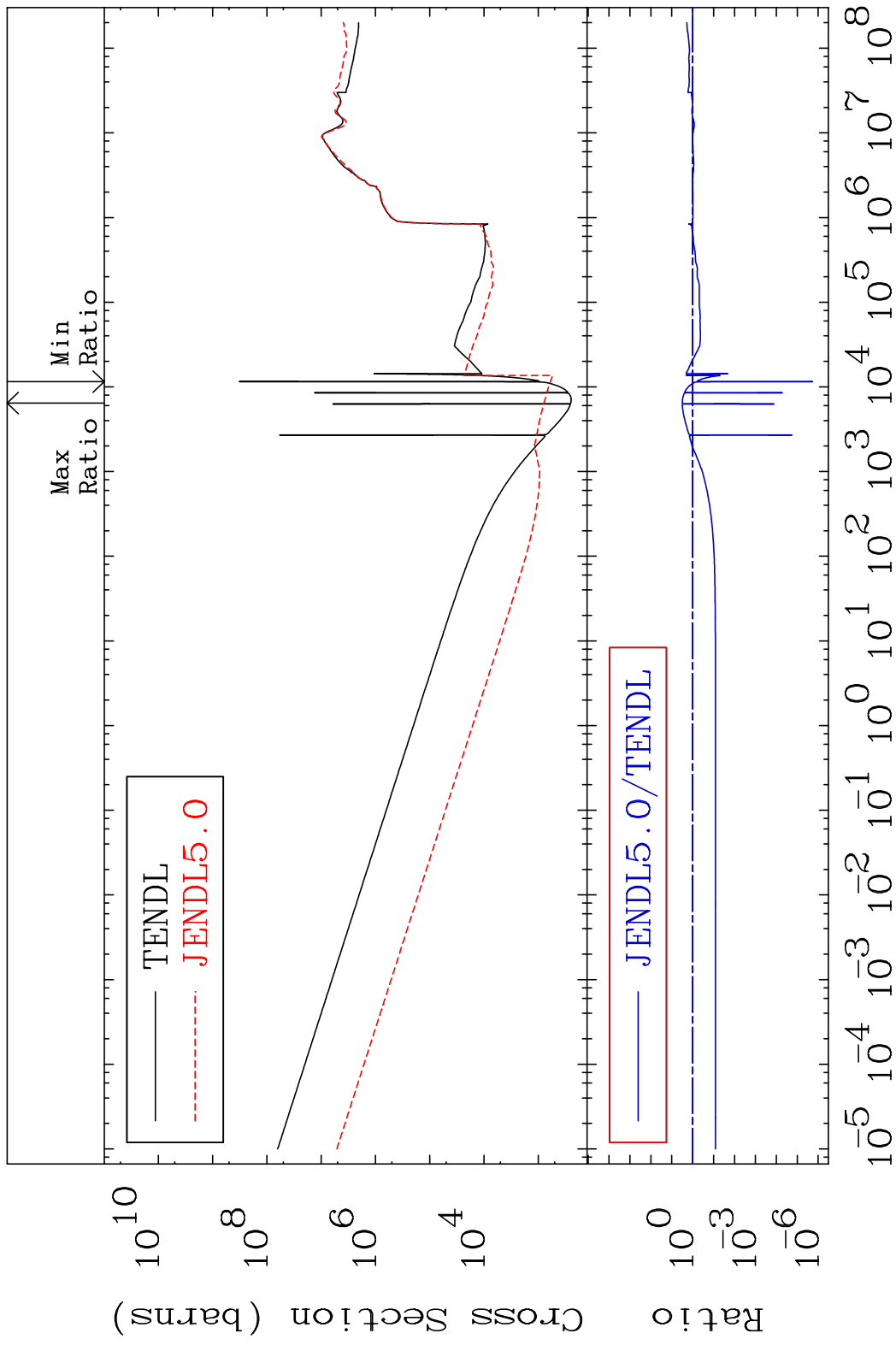
40 Incident Energy (eV) 26-Fe-60

MAT 2643 Kerma capture (mt102) 26-Fe-60
 Cross Section -100.0 To 1668. %

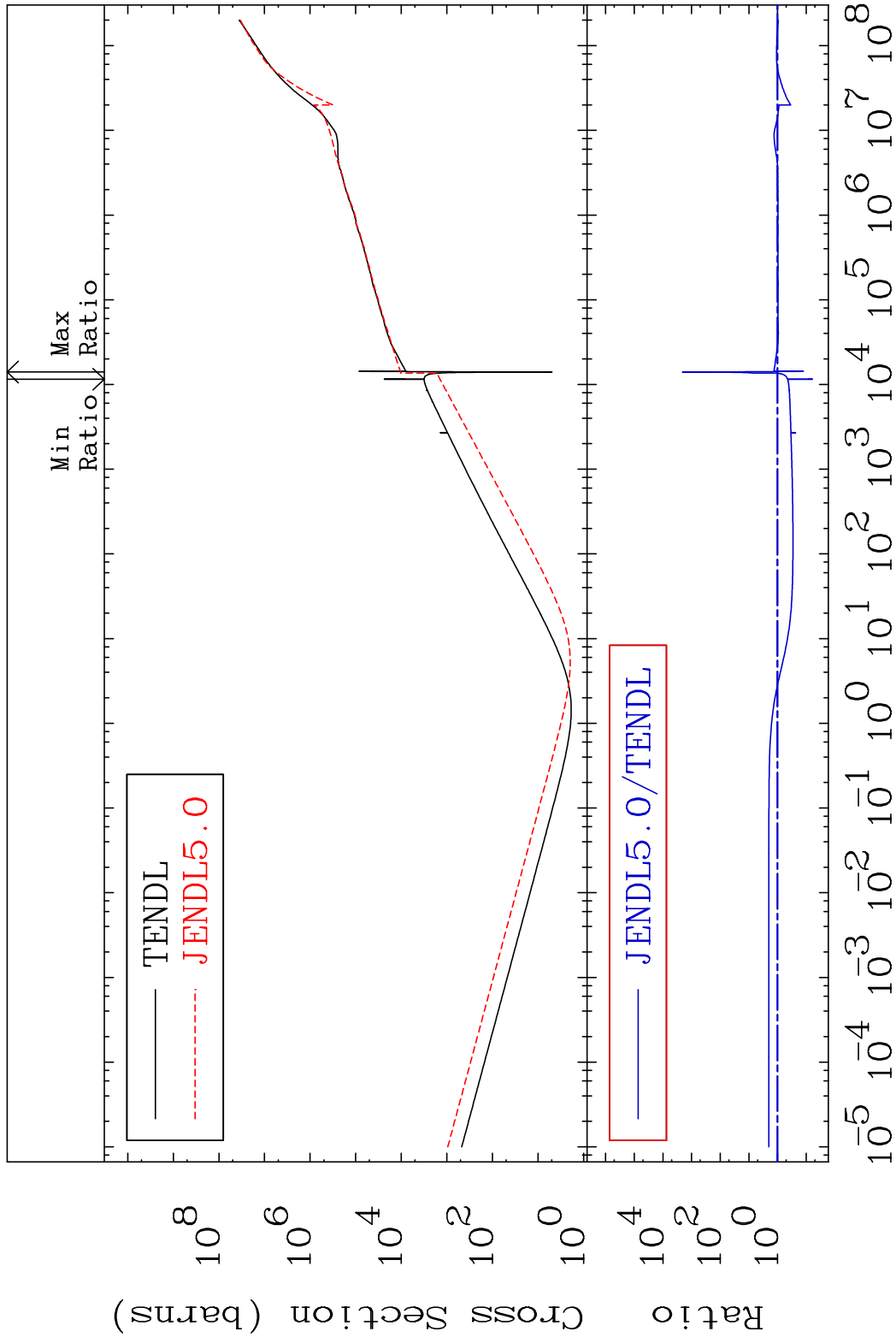


41 Incident Energy (eV) 26-Fe-60

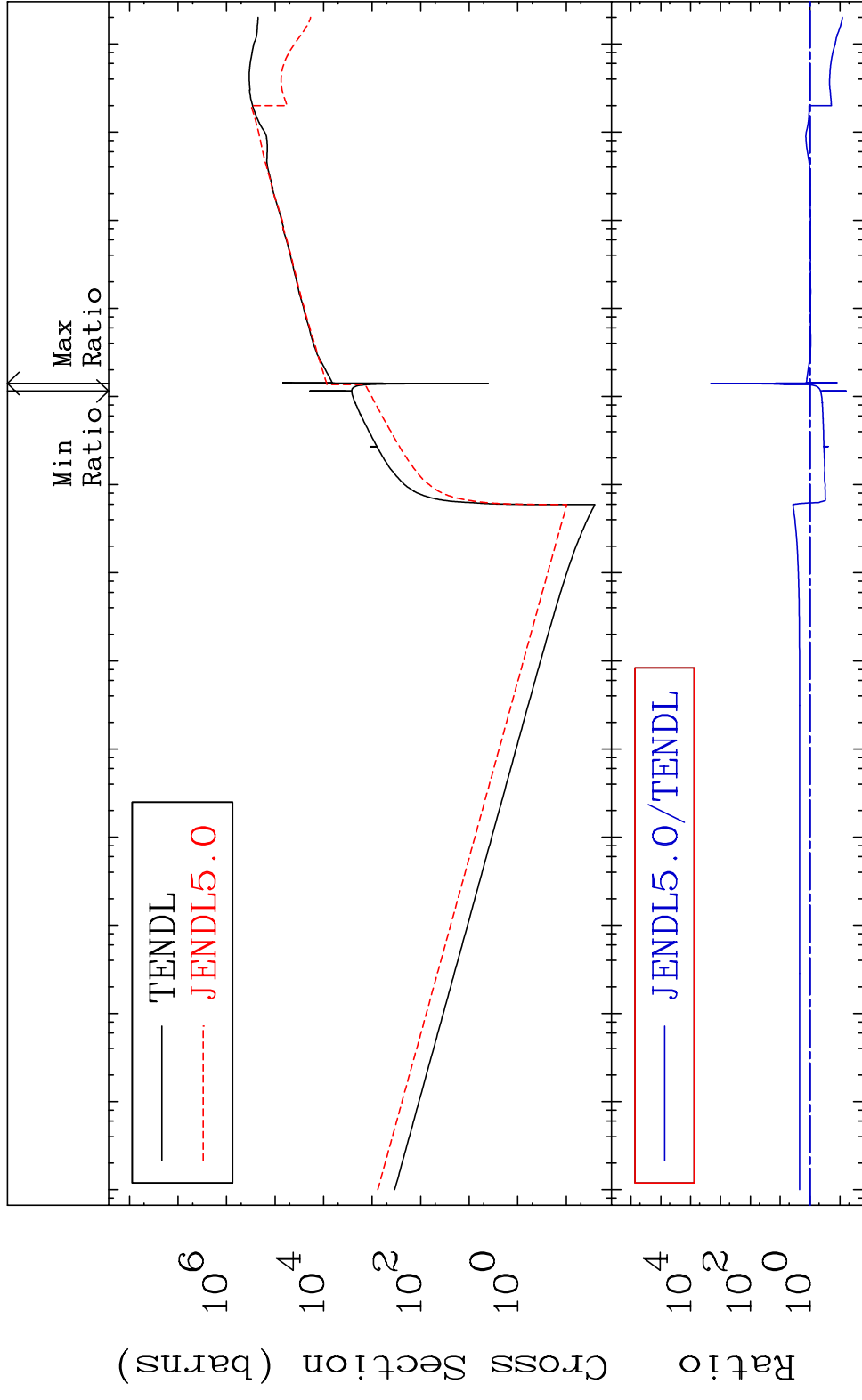
MAT 2643 Total photon (eV-barns) 26-Fe-60
 Cross Section -100.0 To 212.0 %



MAT 2643 Total kinematic kerma (high limit) 26-Fe-60
 Cross Section -93.97 To 9999. %



MAT 2643 Dpa total (eV-barns) 26-Fe-60
 Cross Section -93.89 To 9999. %

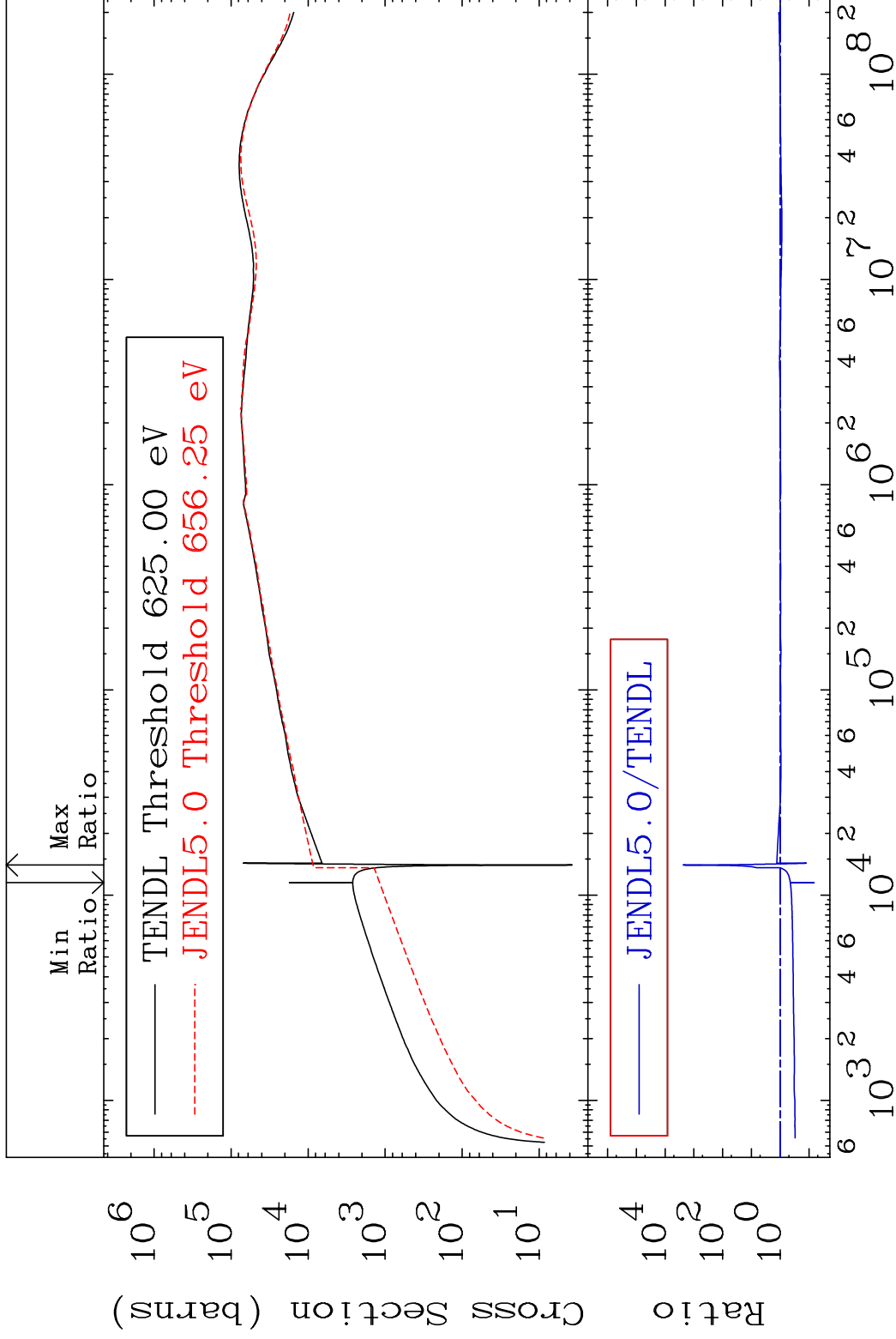


MAT 2643

Dpa elastic (mt2)

²⁶Fe-60

Cross Section -93.28 To 9999. %



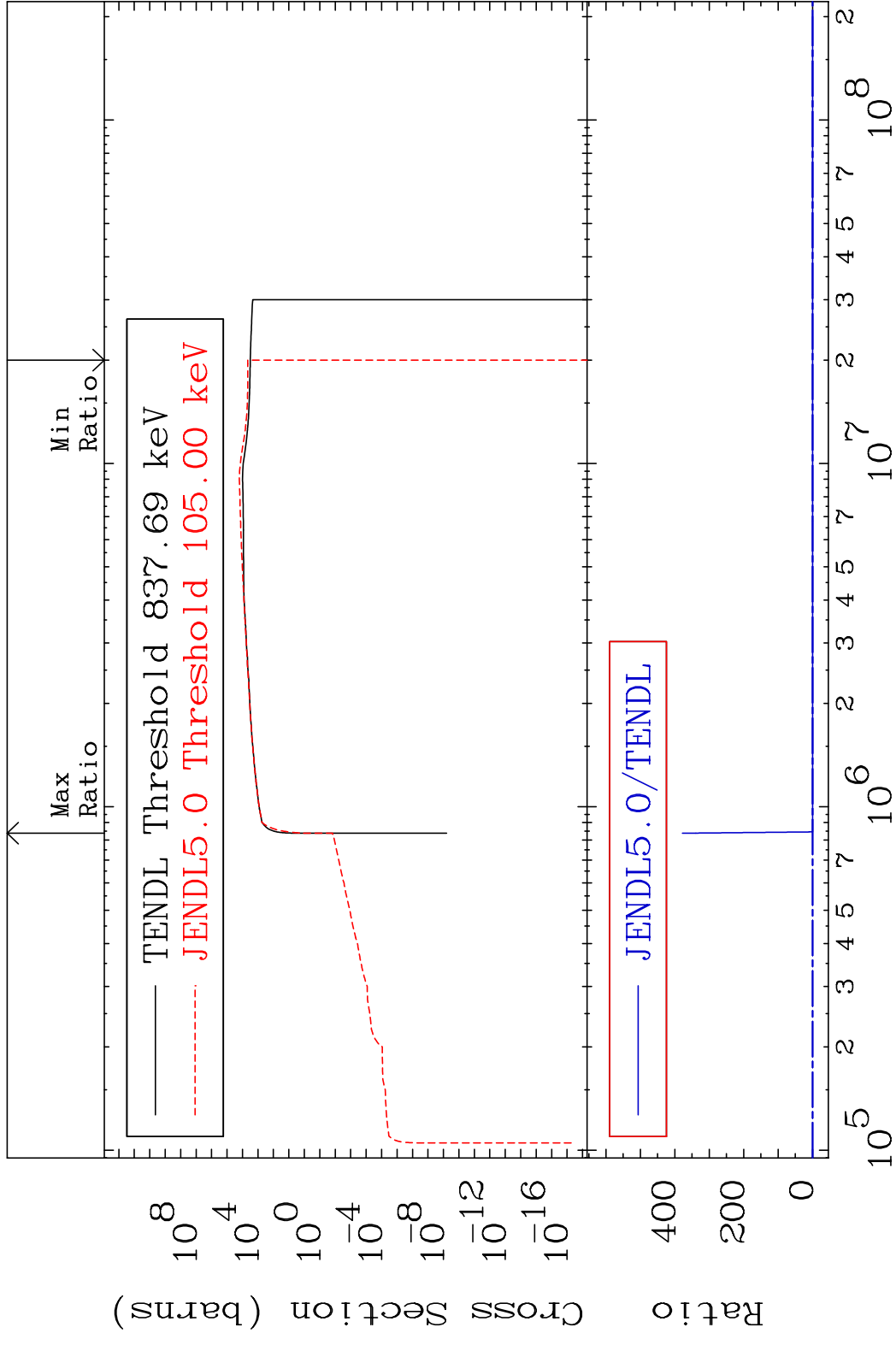
45

Incident Energy (eV)

²⁶Fe-60

MAT 2643

Dpa inelastic (mt51-91) 26-Fe-60
Cross Section -100.0 To 9999. %

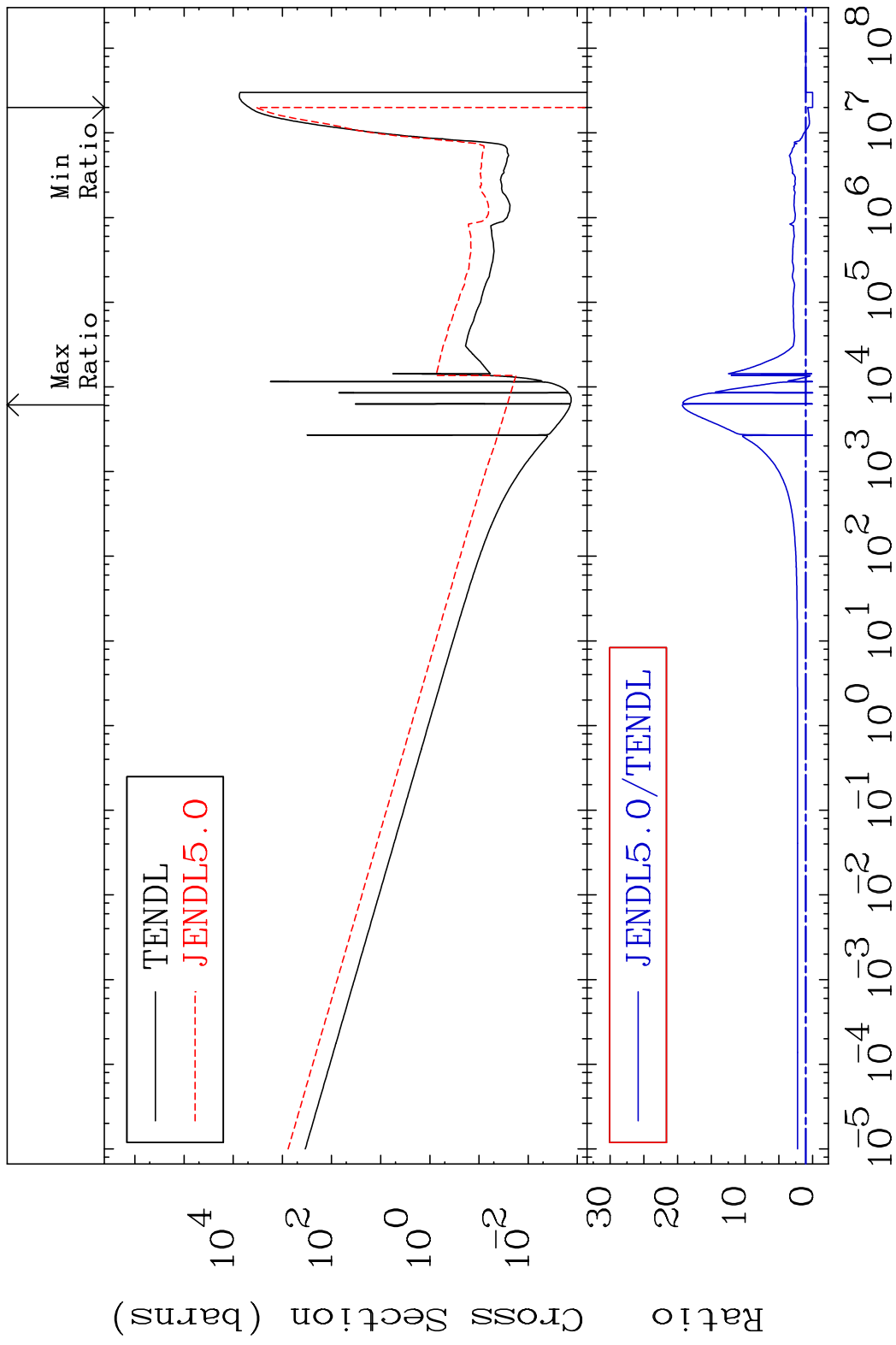


46

Incident Energy (eV)

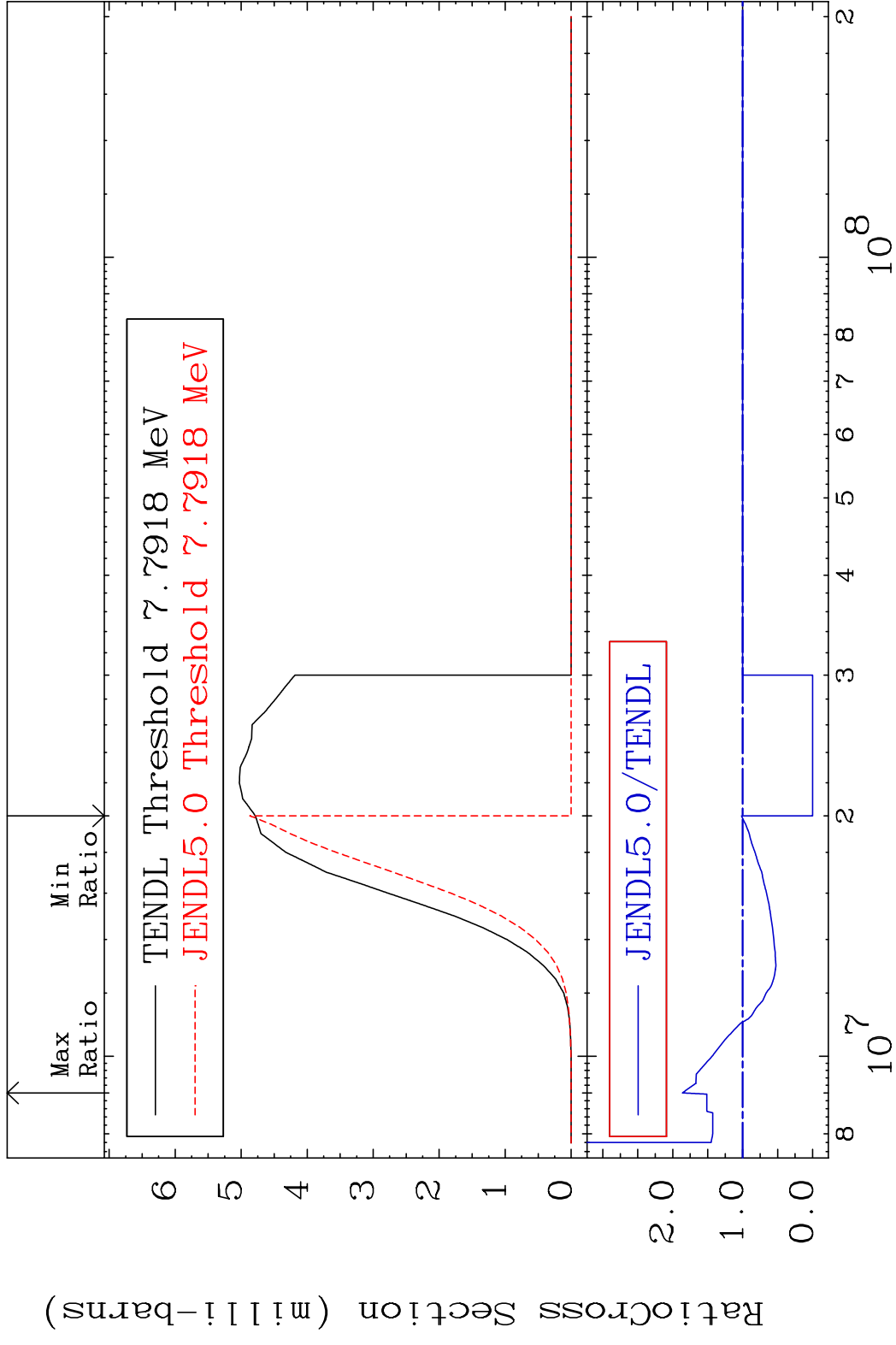
26-Fe-60

MAT 2643 Dpa disappearance (mt102 -120) 26-Fe-60
 Cross Section -100.0 To 1828. %

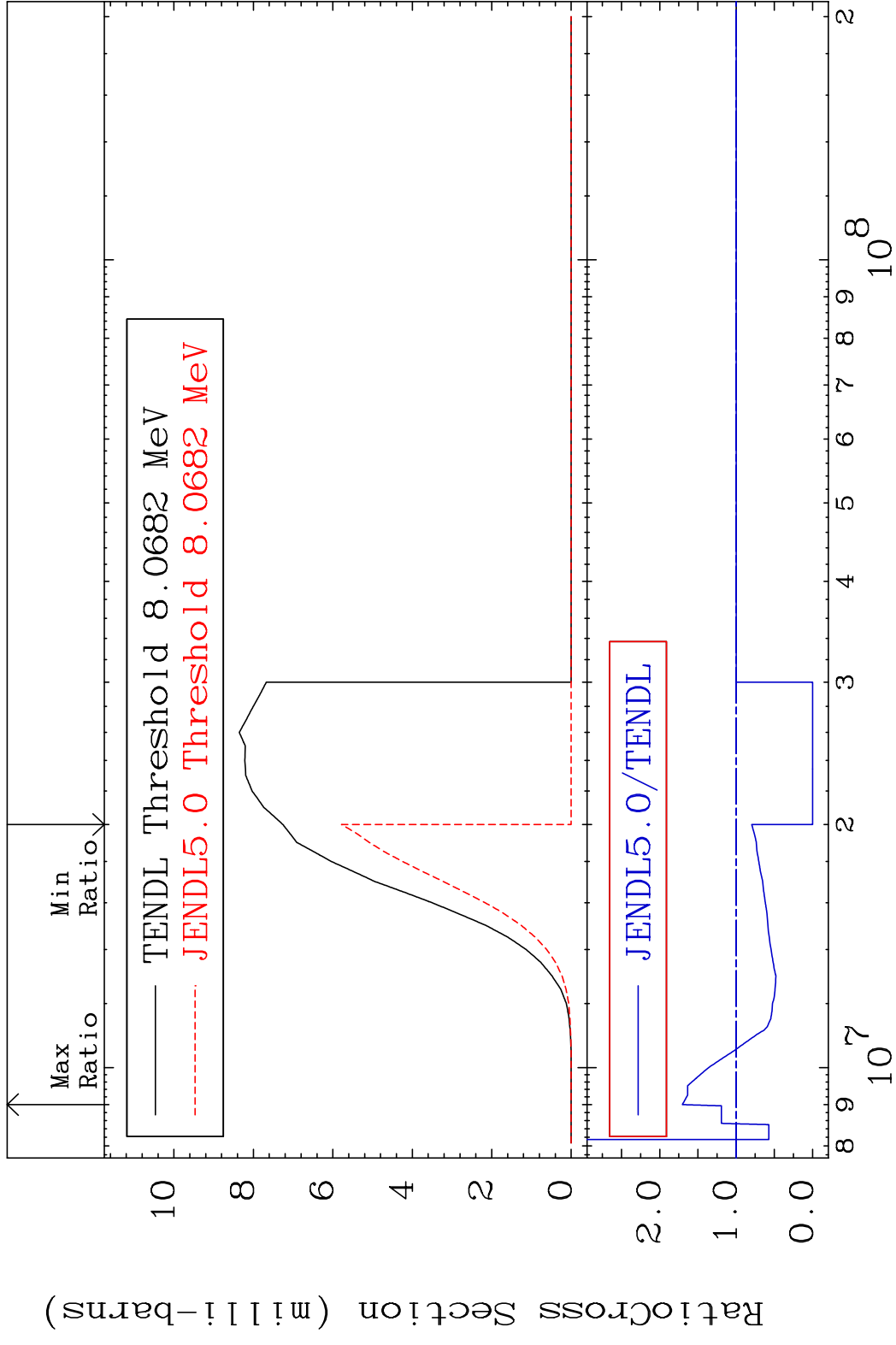


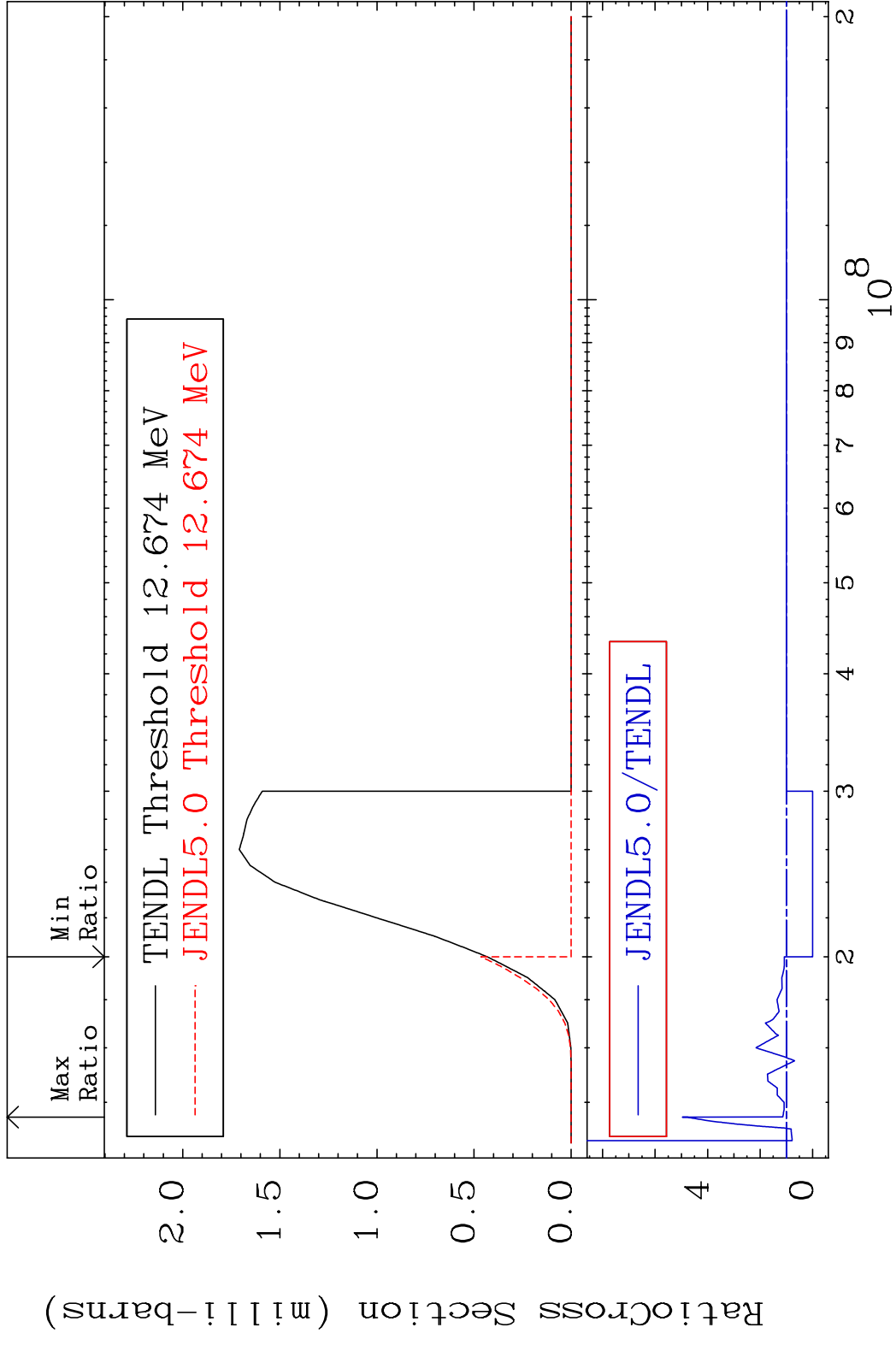
47 Incident Energy (eV) 26-Fe-60

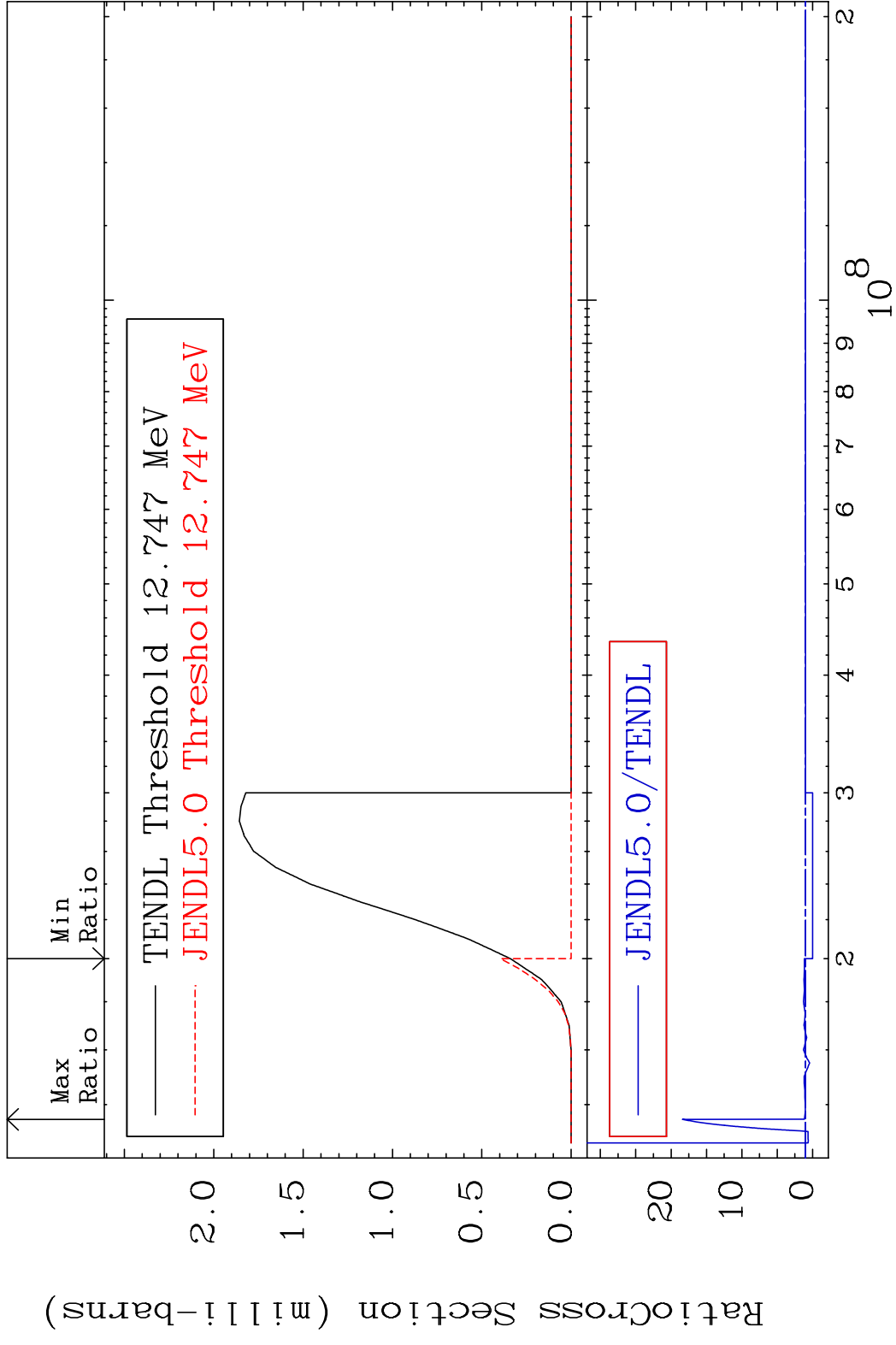
MAT 2643 (n, p): 25-Mn-60g 26-Fe-60
 Radionuclide Production Cross Section Ratio 86.27 %



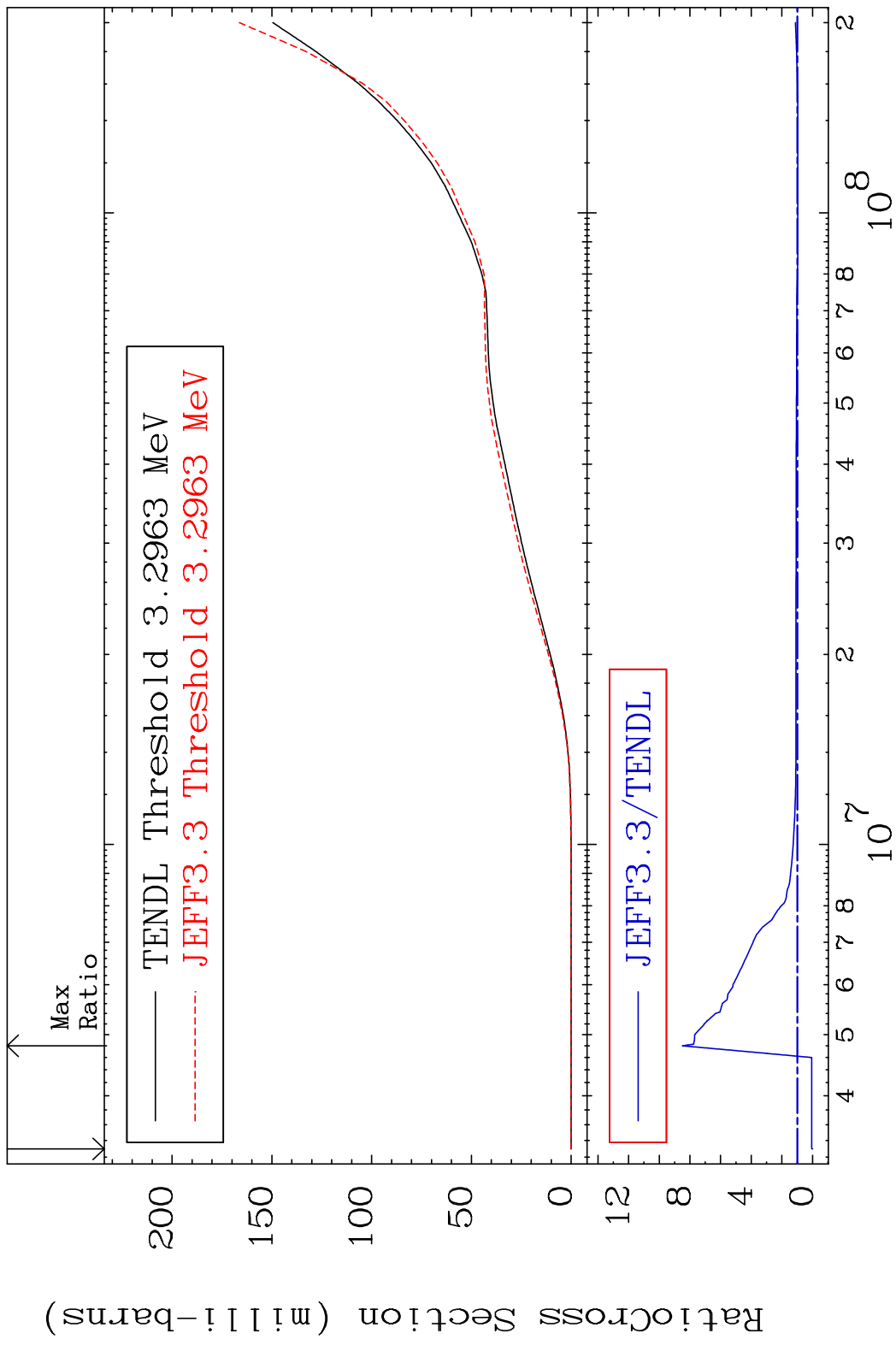
MAT 2643 (n,p):25-Mn-60m1 26-Fe-60
 Radionuclide Production Cross Section 180.0 dth 70.40 %



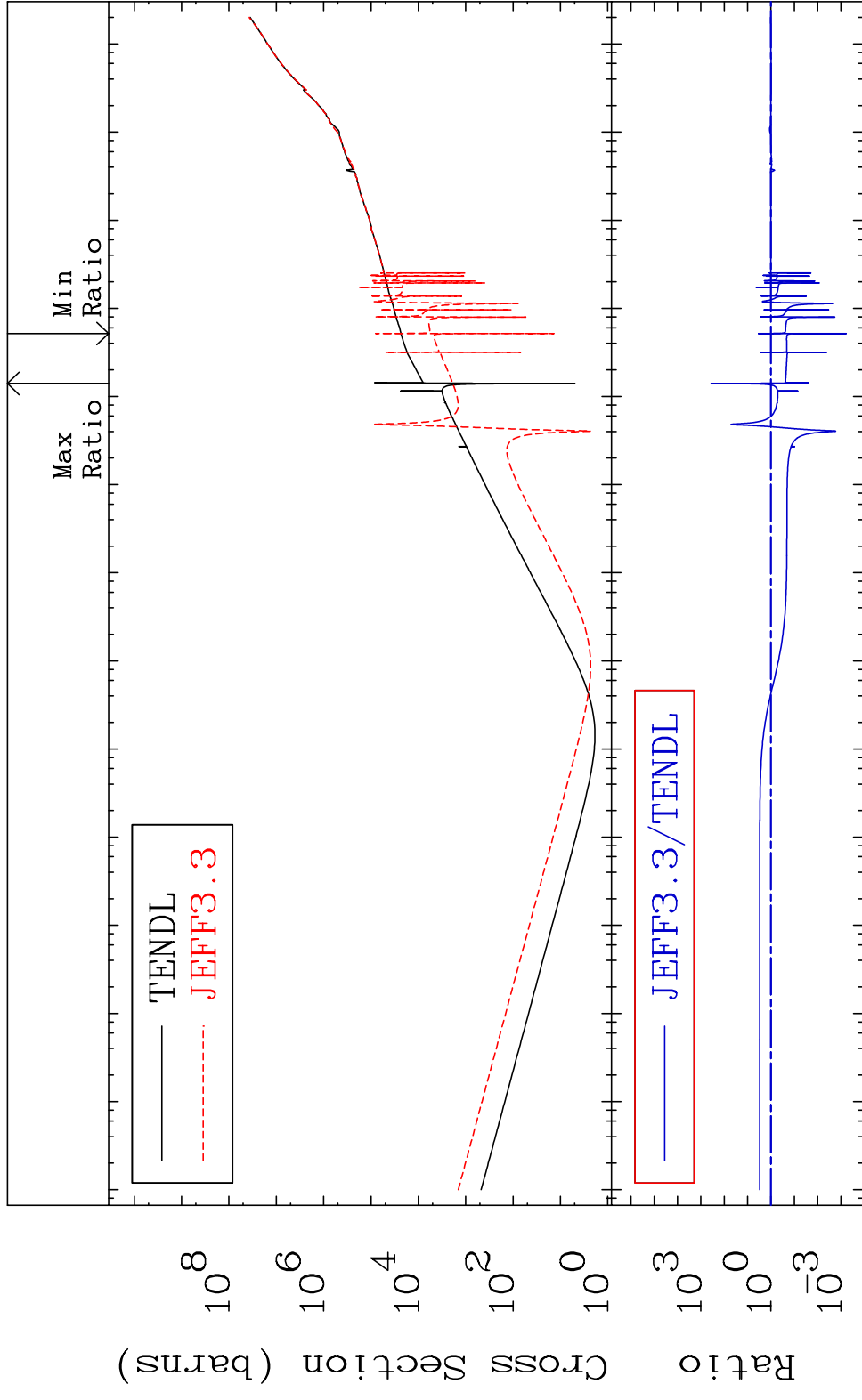




MAT 2643 He-4 Production 26-Fe-60
 Cross Section -100.0 To 749.4 %



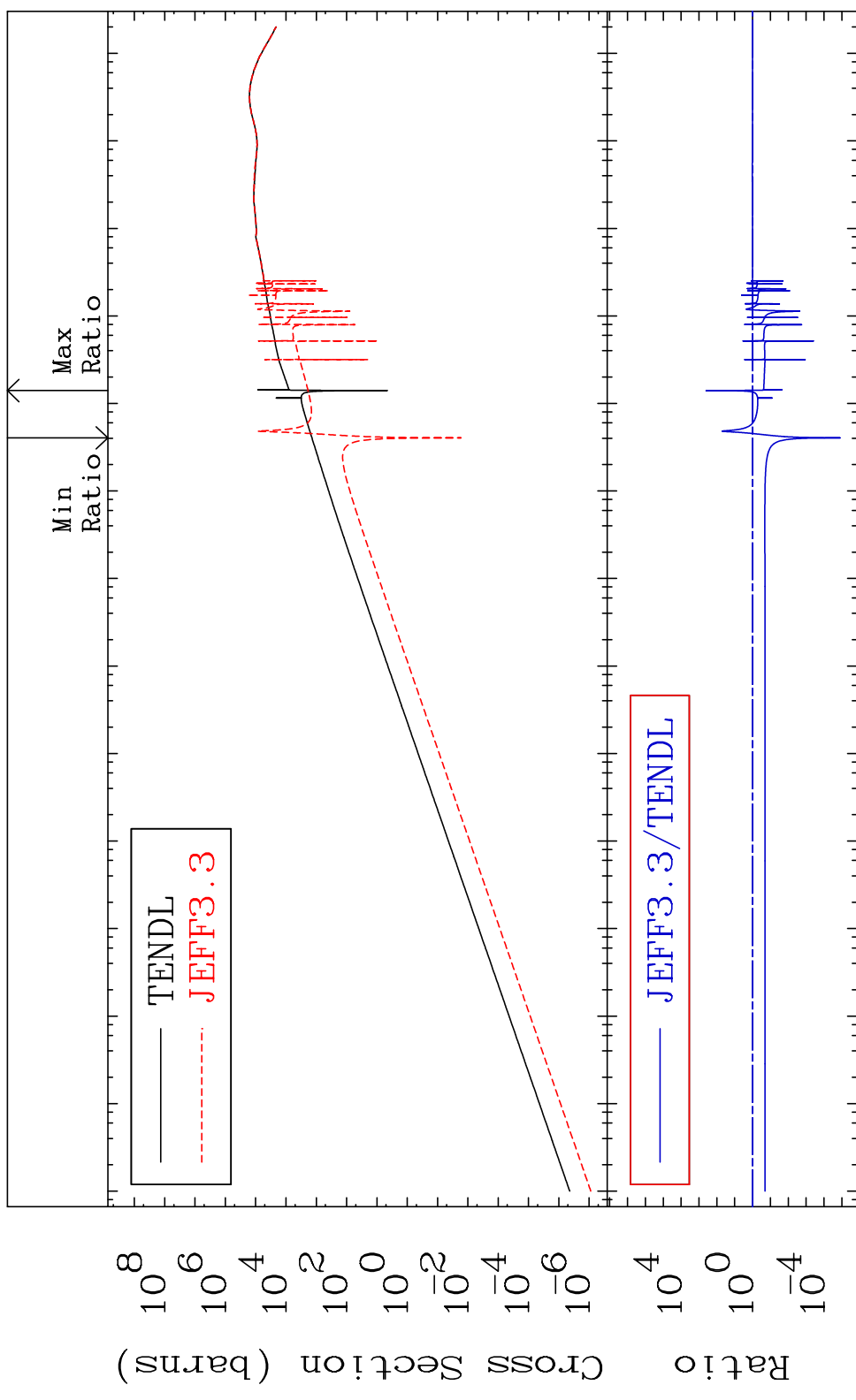
MAT 2643 Kerma total (eV-barns) 26-Fe-60
 Cross Section -99.94 To 9999. %



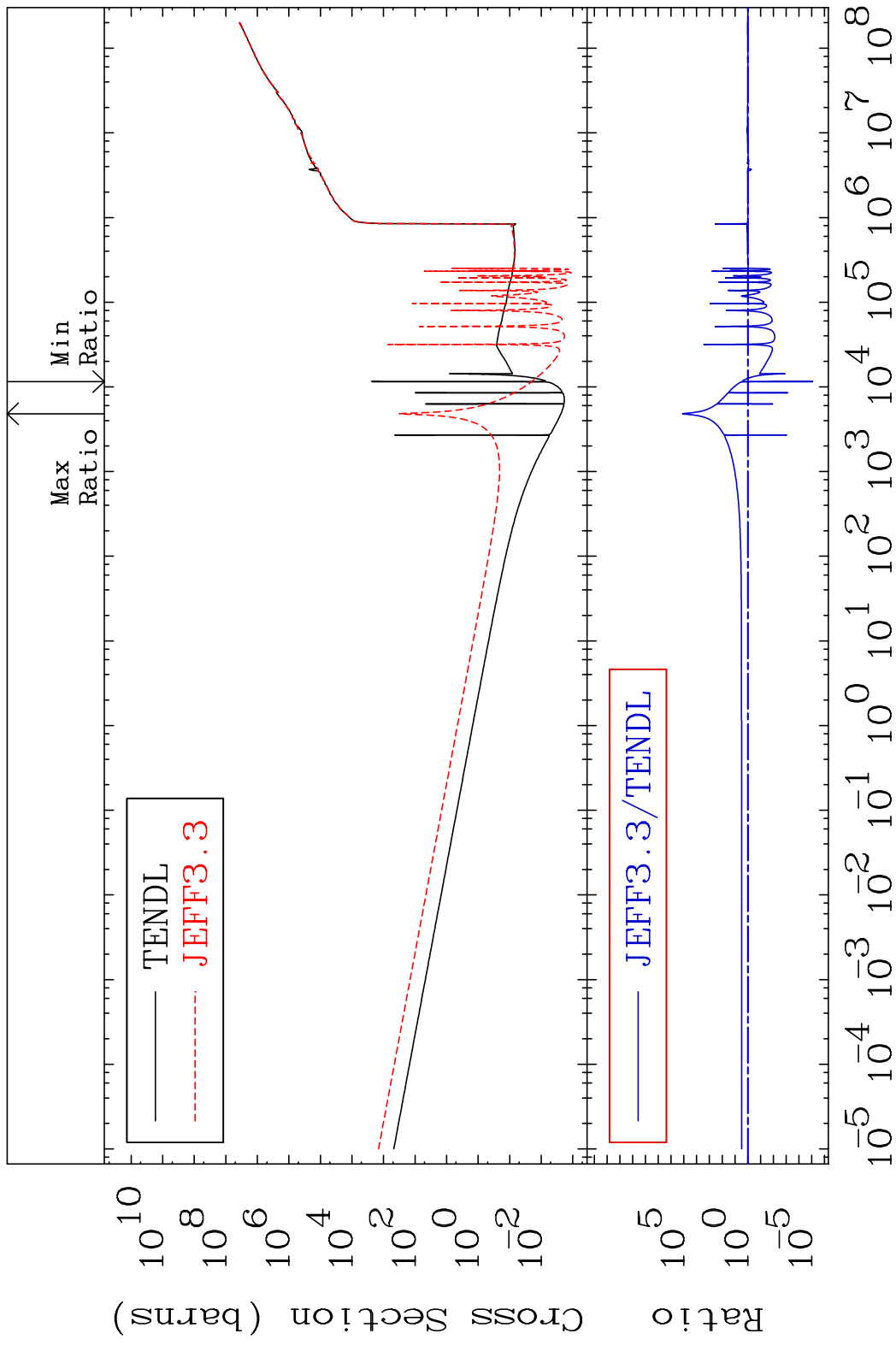
53 Incident Energy (eV) 26-Fe-60

MAT 2643

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

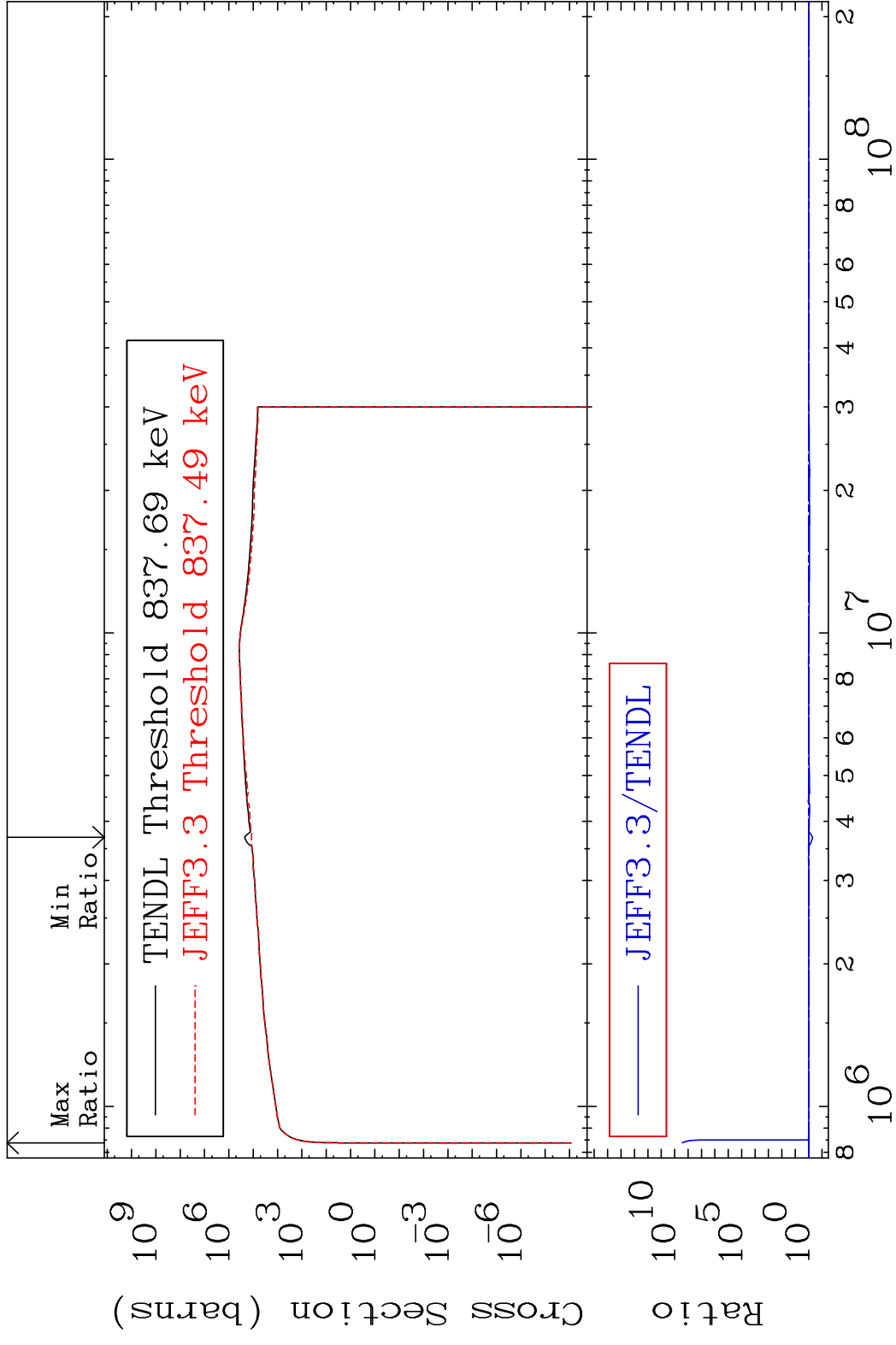


MAT 2643 Kerma non-elastic (all but mt2) 26-Fe-60
 Cross Section -100.0 To 9999. %

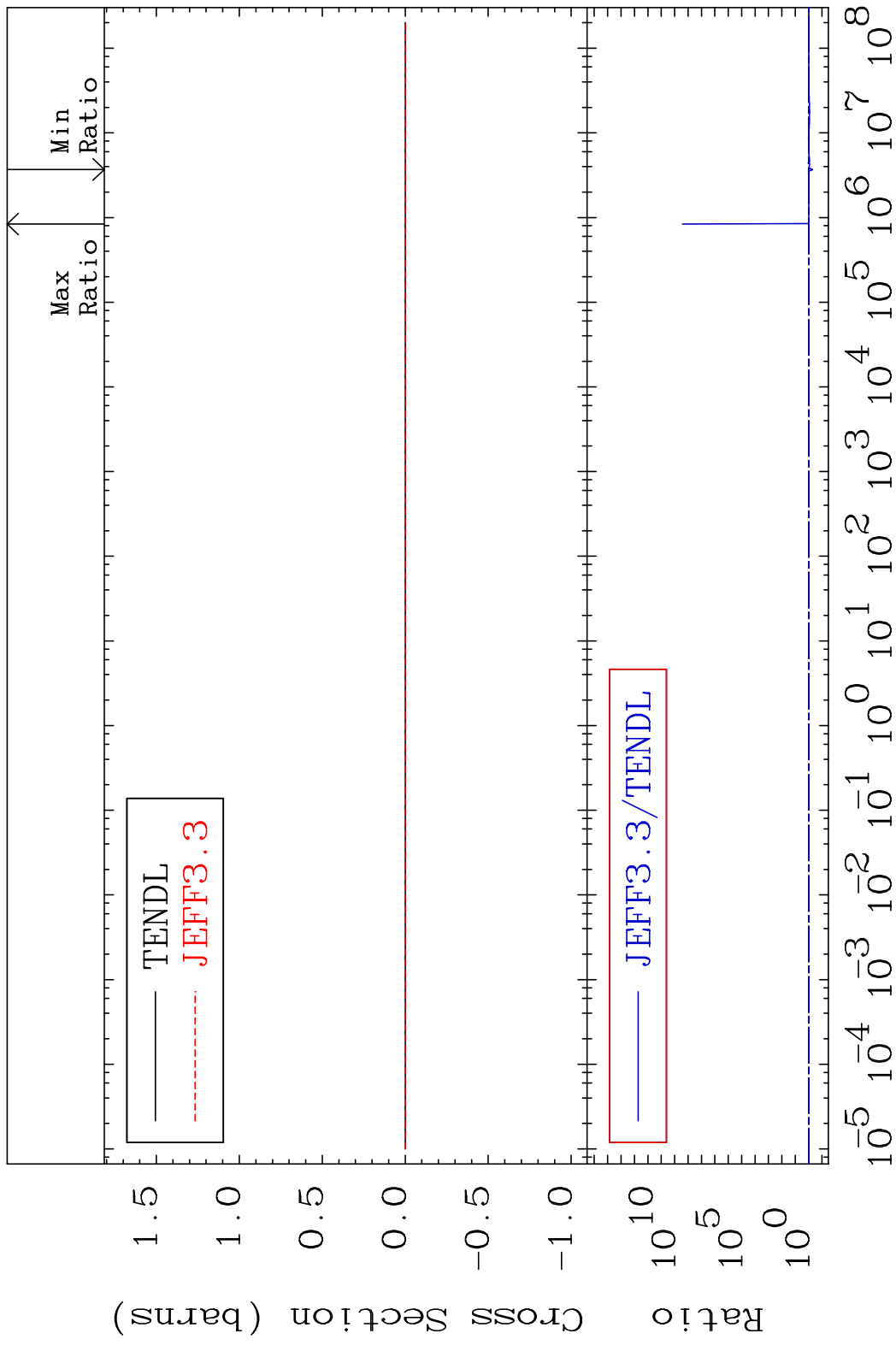


55 Incident Energy (eV) 26-Fe-60

MAT 2643 Kerma inelastic (mt51-91) 26-Fe-60
 Cross Section -48.76 To 9999. %

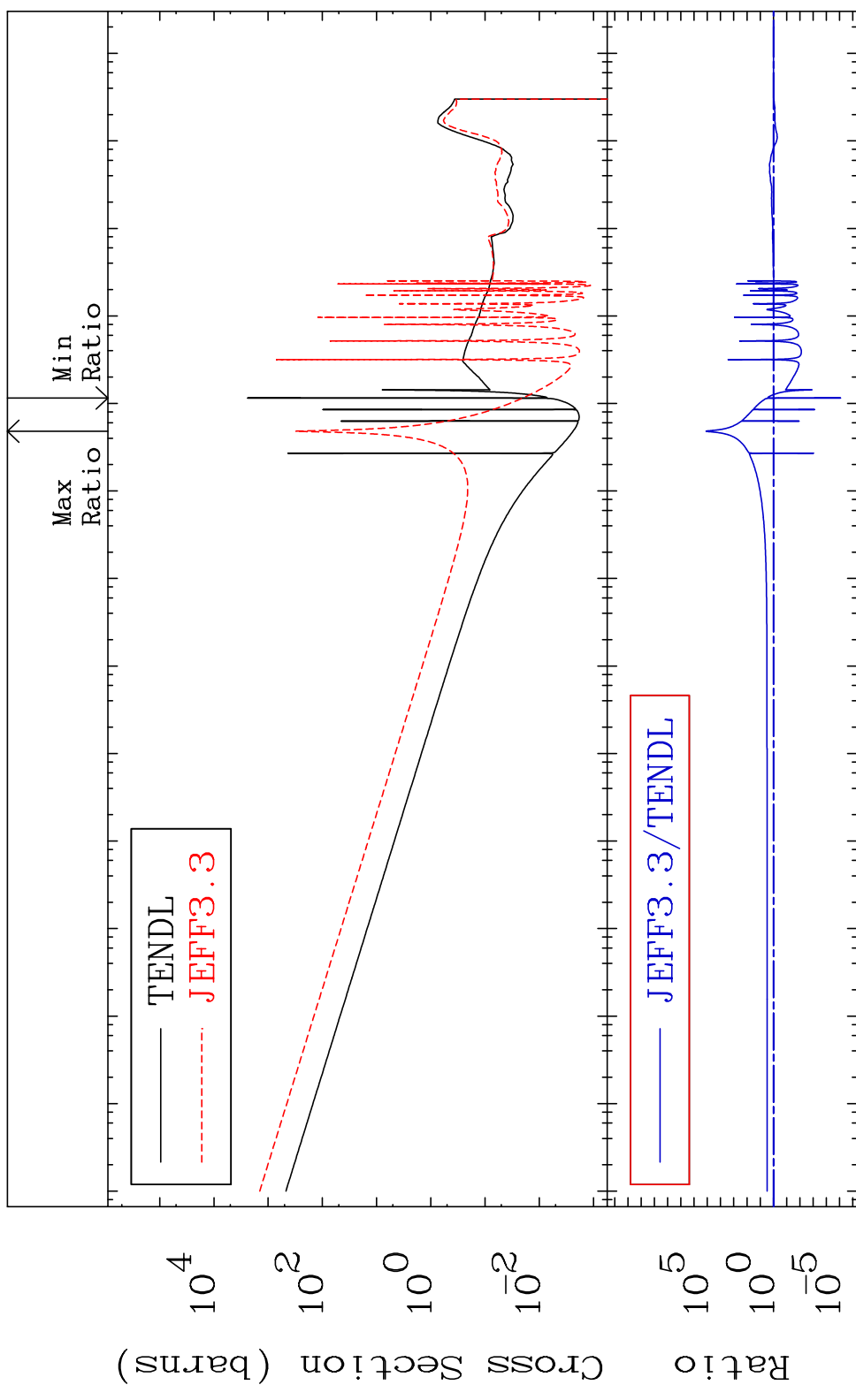


MAT 2643 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-60
 Cross Section -48.76 To 9999. %



MAT 2643

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

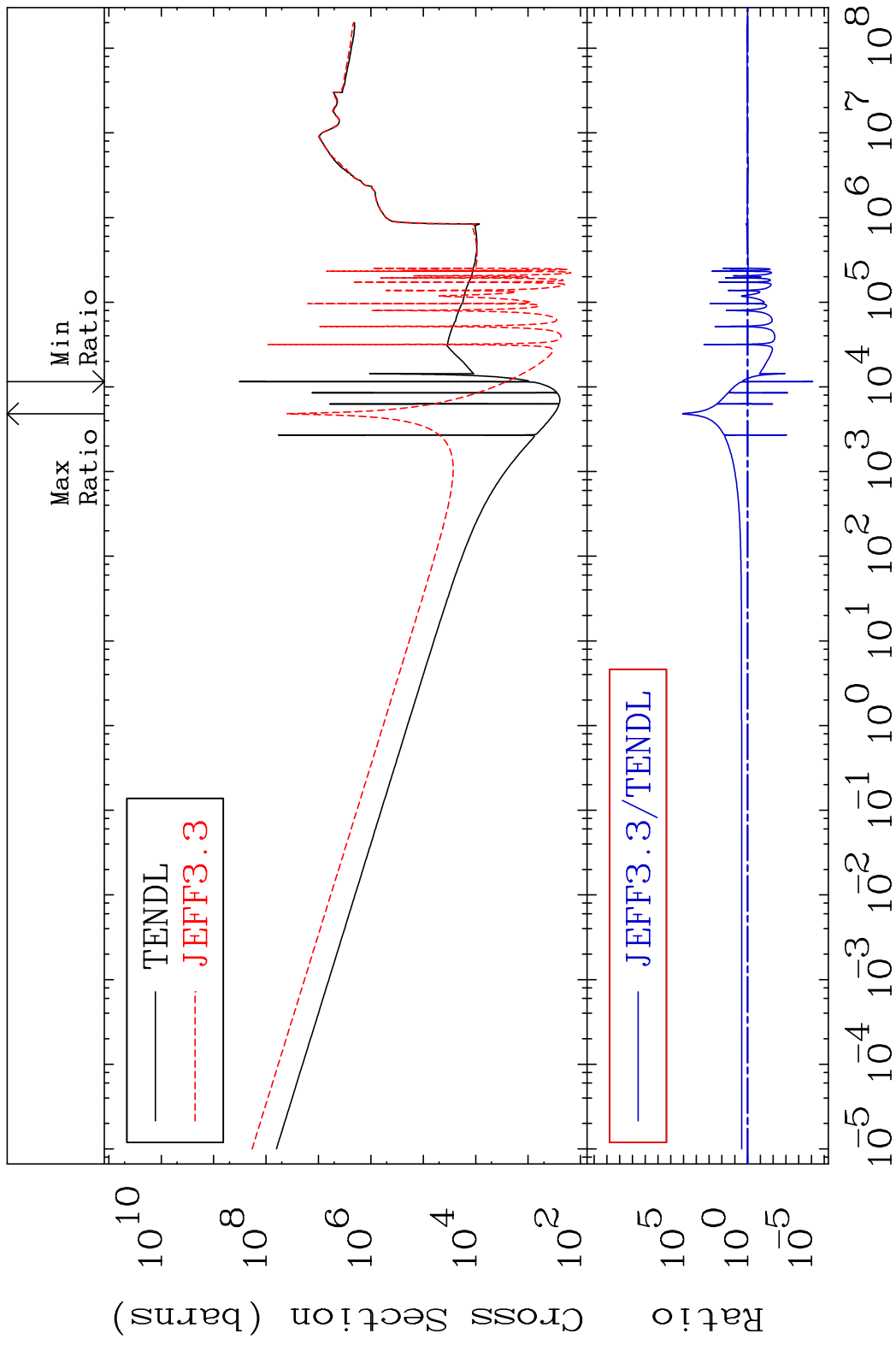


58

Incident Energy (eV)

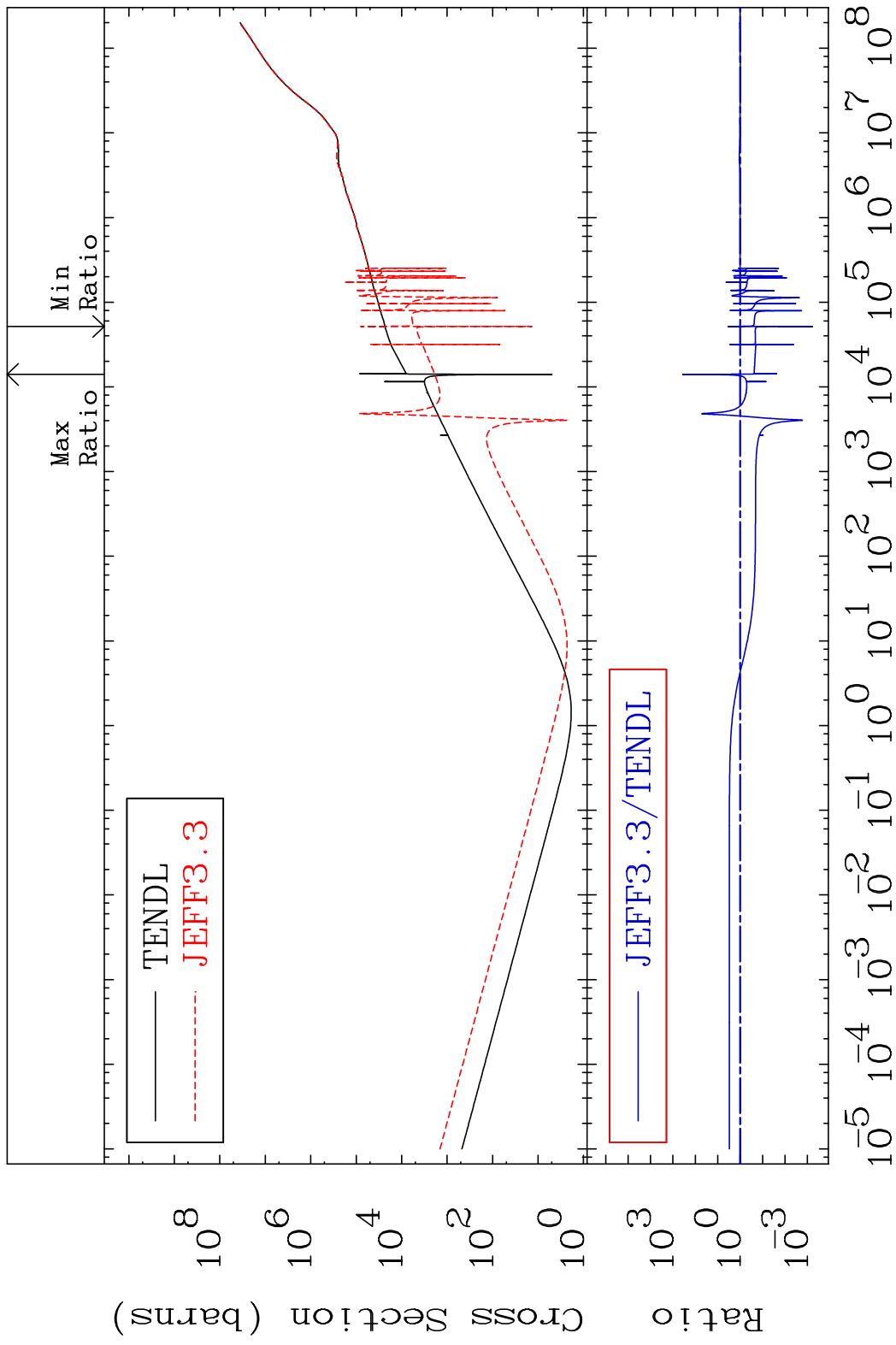
26-Fe-60

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



59 Incident Energy (eV) 26-Fe-60

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

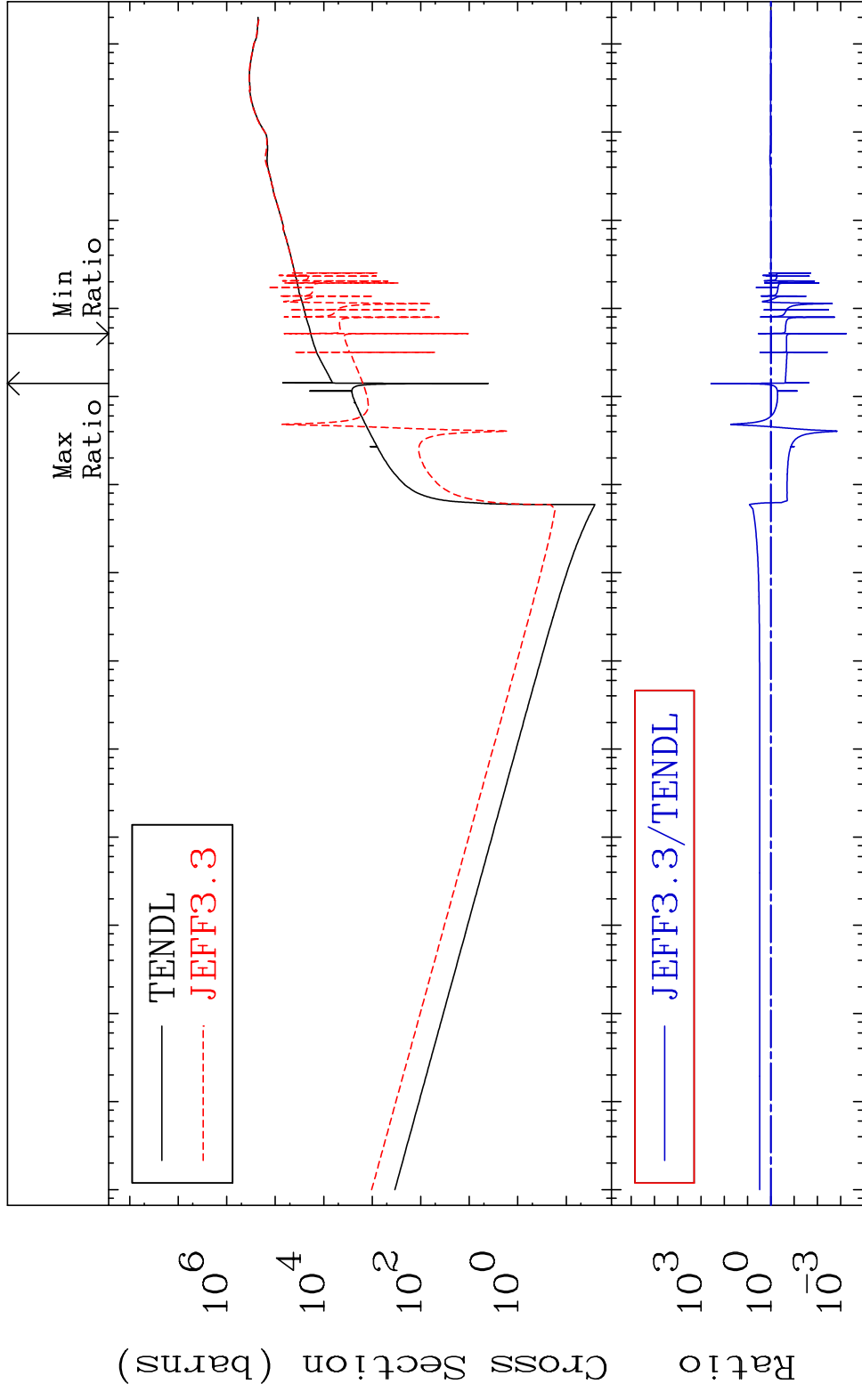


60

Incident Energy (eV)

26-Fe-60

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



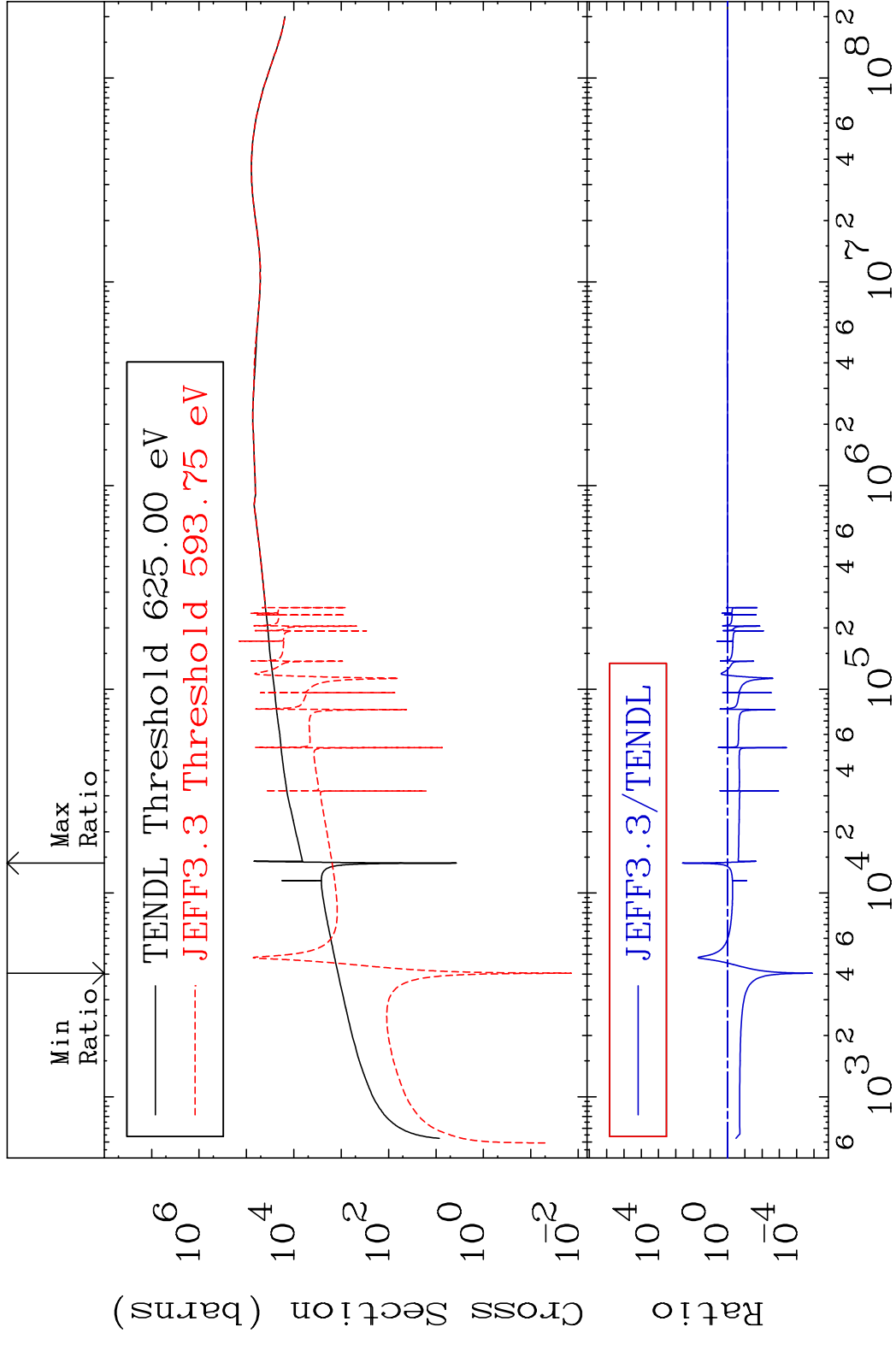
61 Incident Energy (eV) 26-Fe-60

MAT 2643

Dpa elastic (mt2)

²⁶Fe-60

Cross Section -100.0 To 9999. %

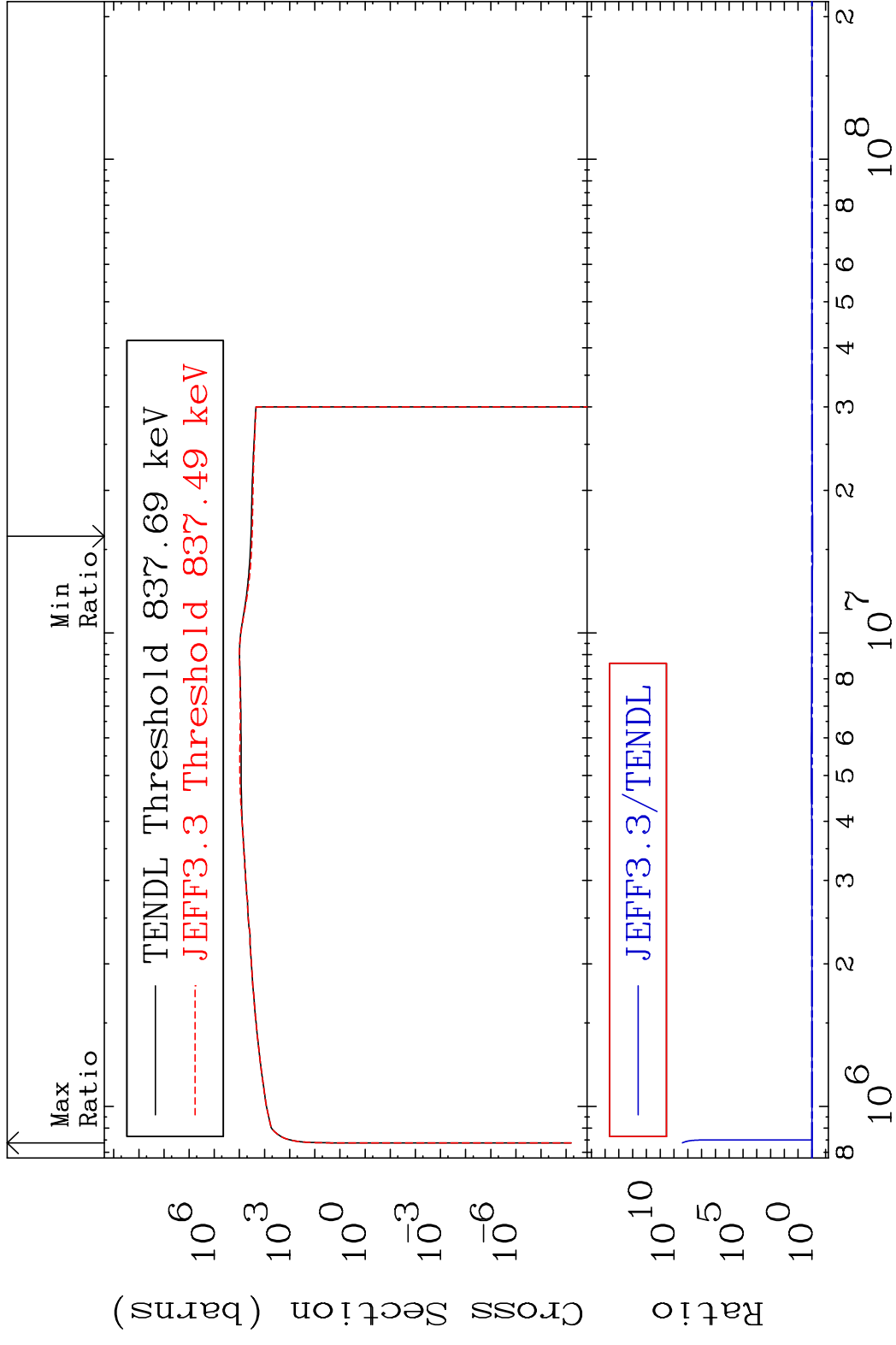


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Incident Energy (eV)

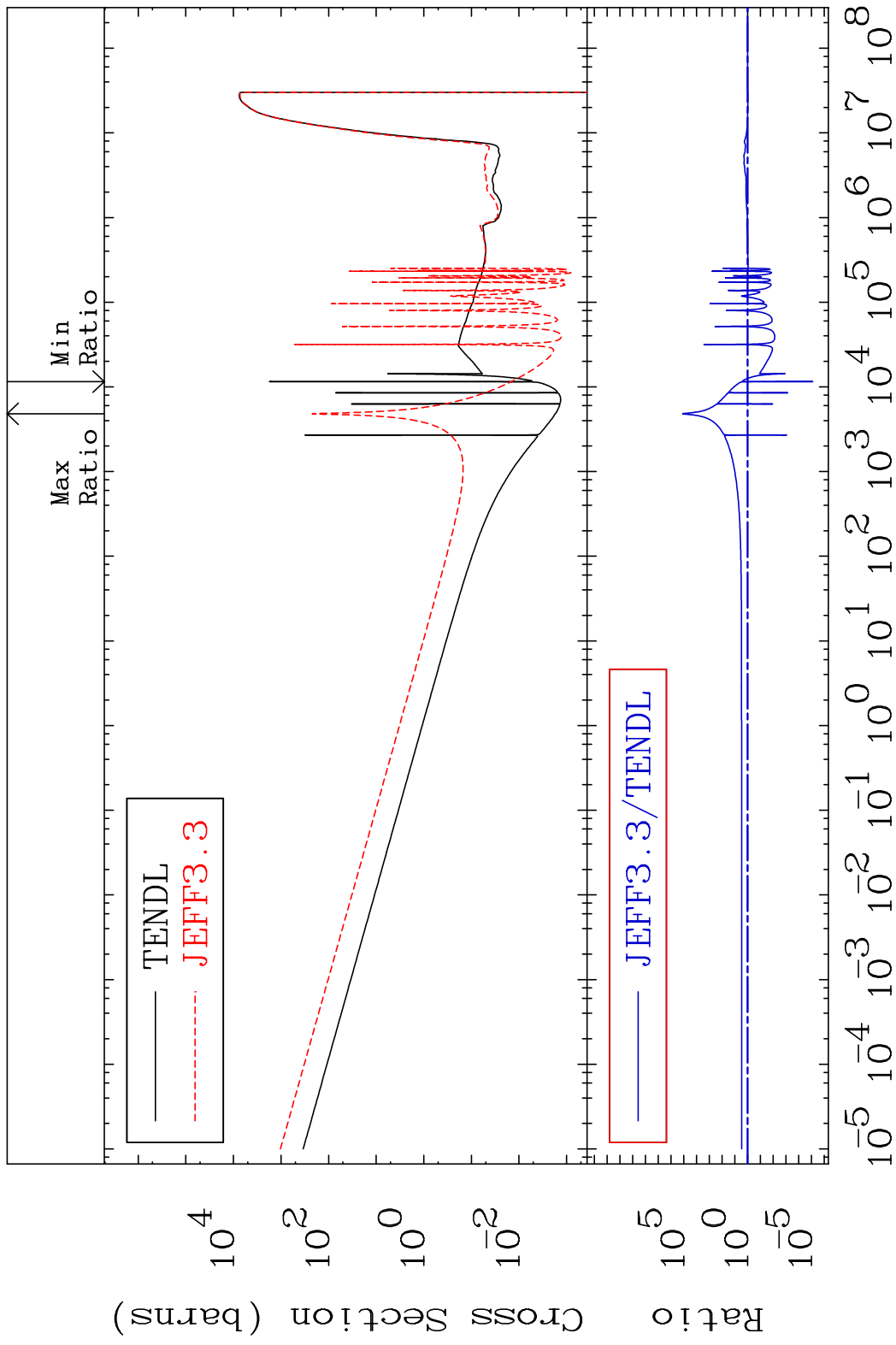
²⁶Fe-60

MAT 2643 Dpa inelastic (mt51-91) 26-Fe-60
 Cross Section -10.37 To 9999. %

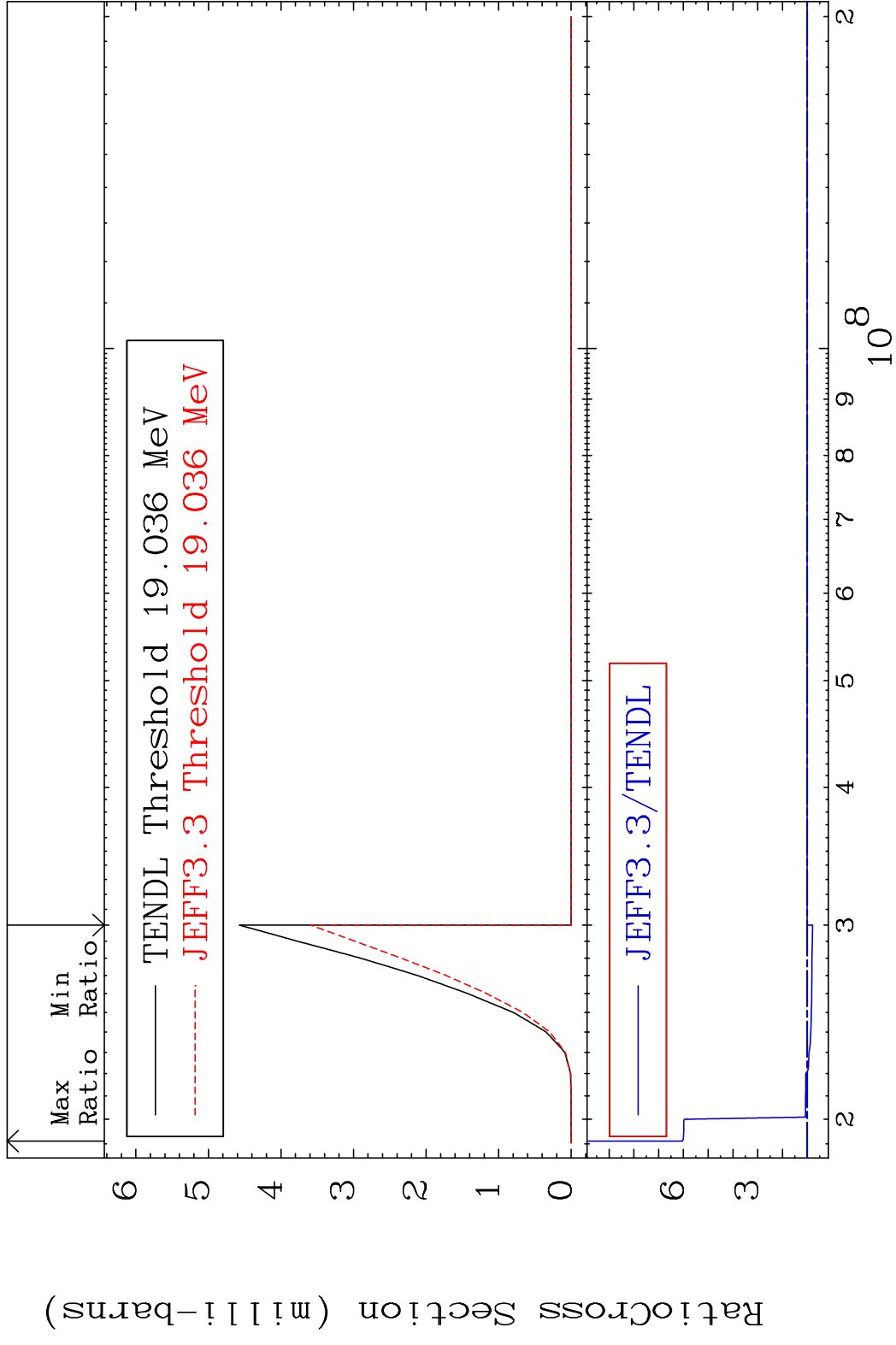


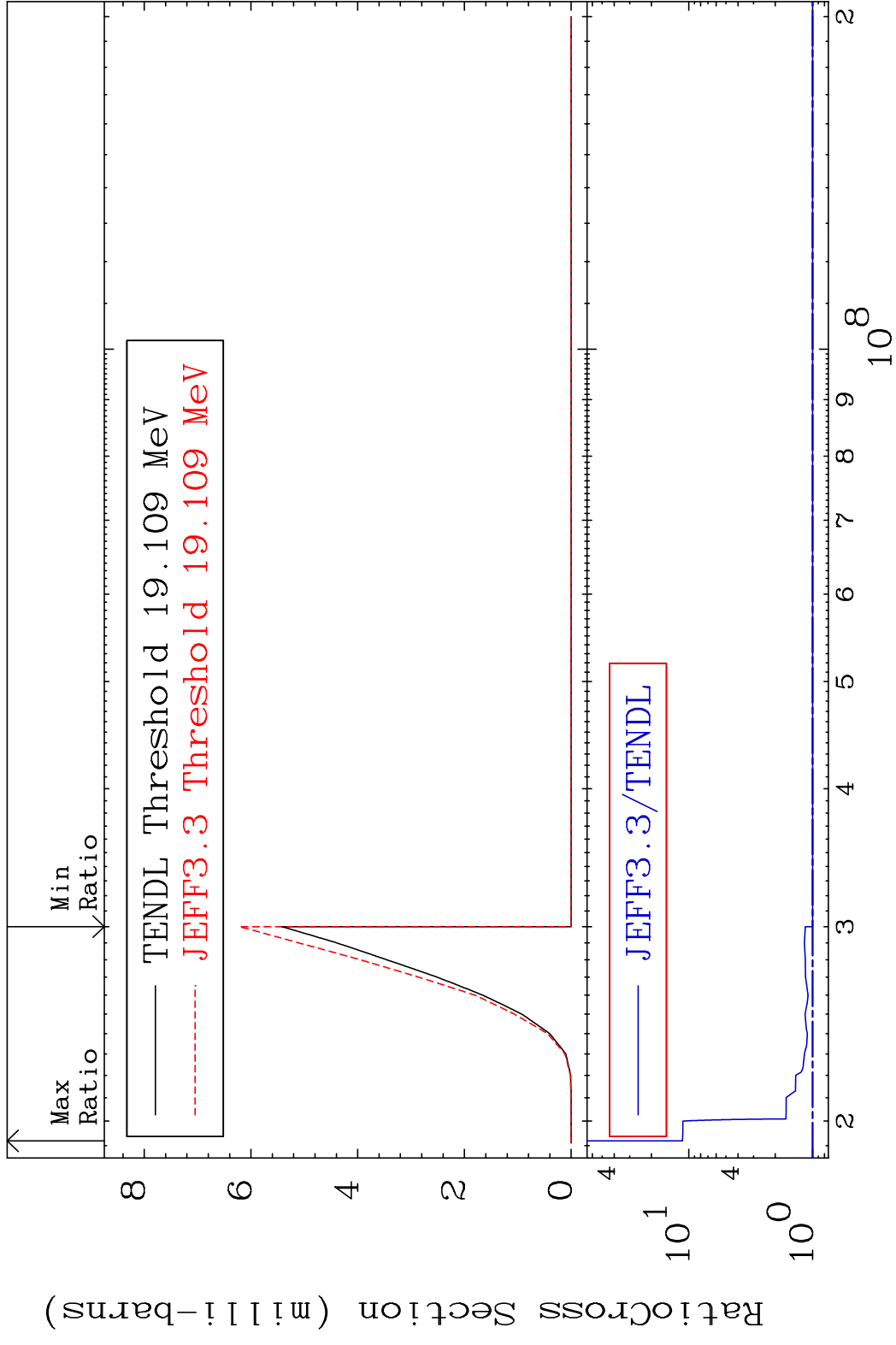
63 Incident Energy (eV) 26-Fe-60

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

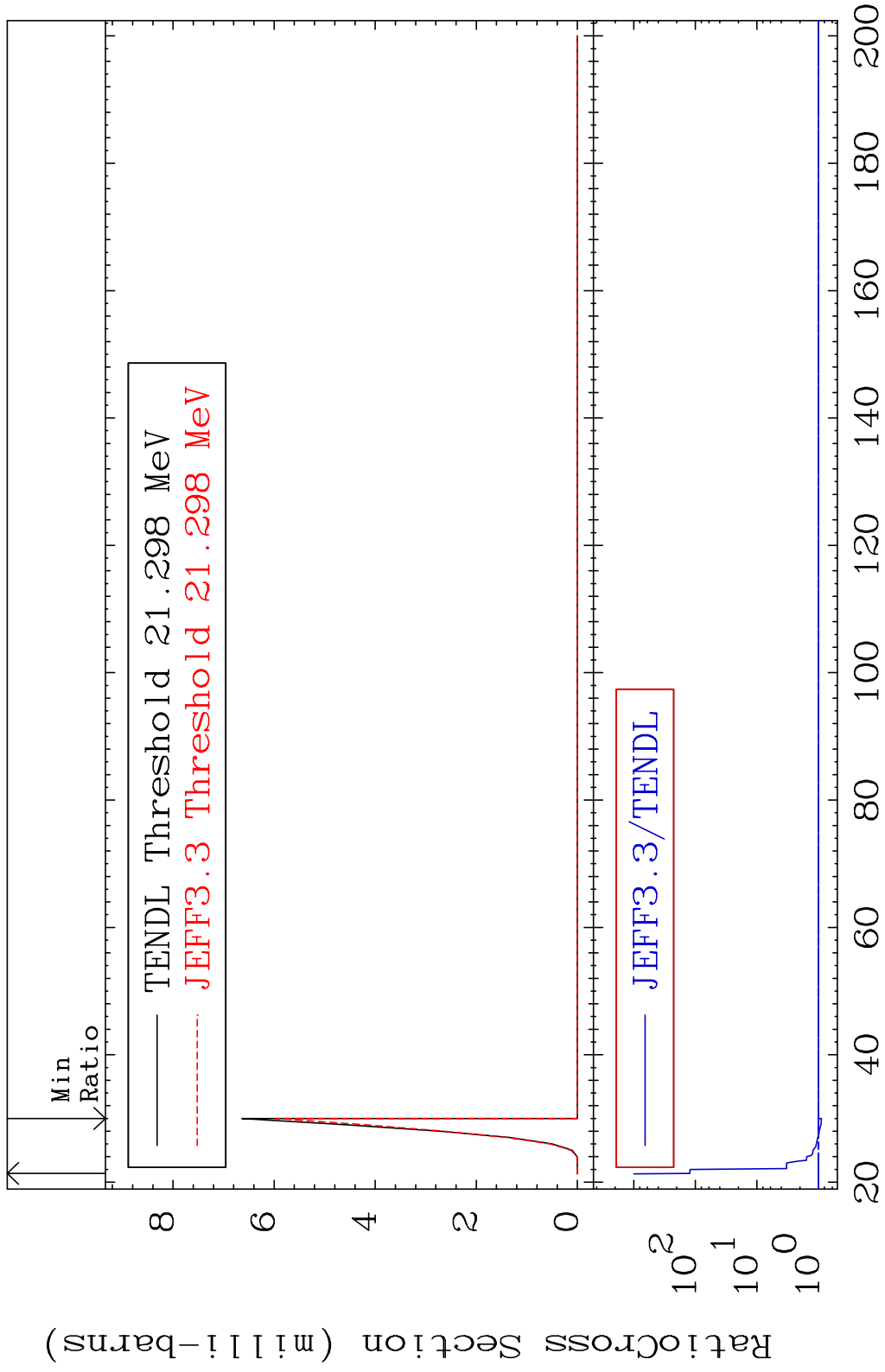


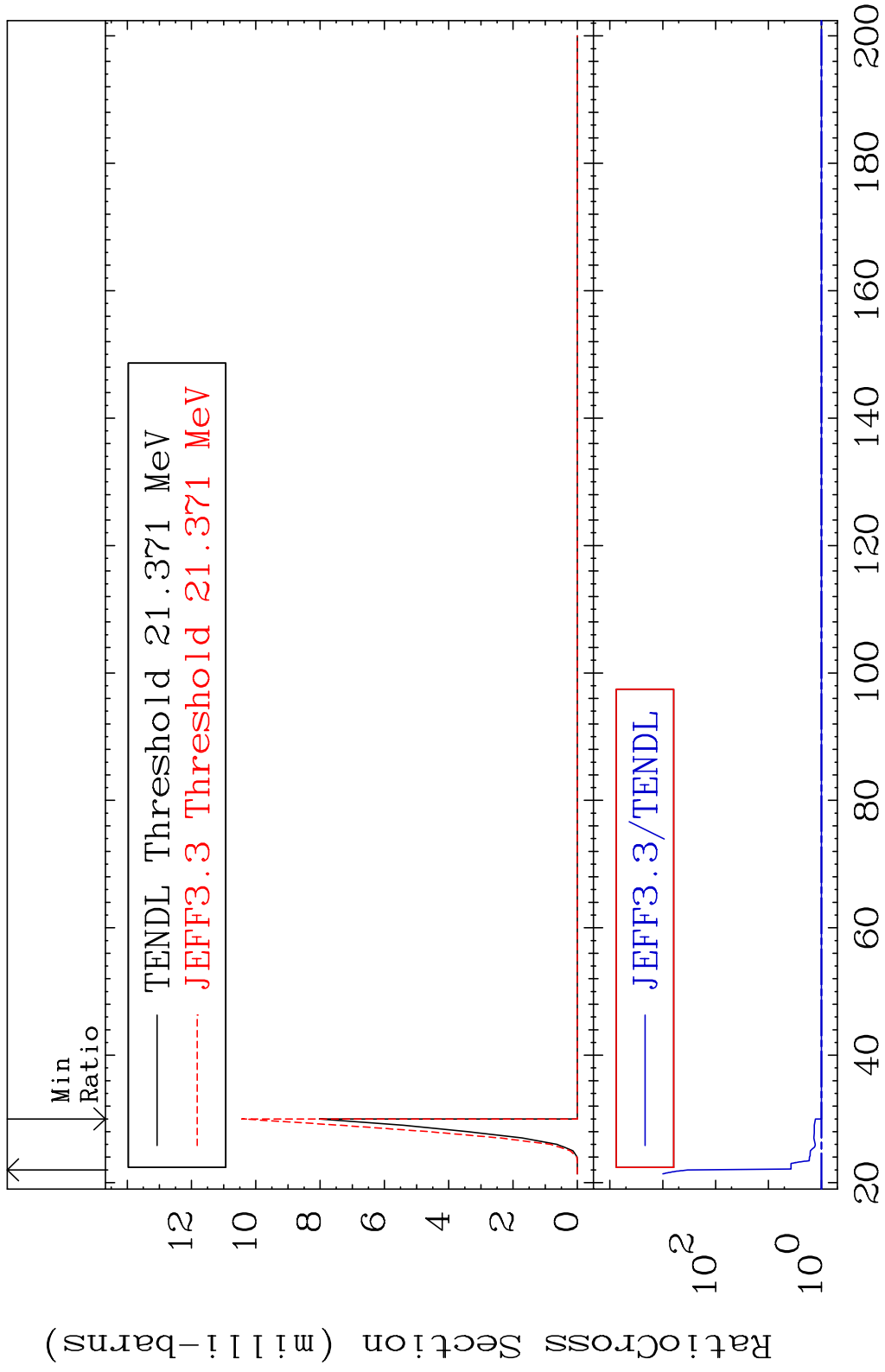
64 Incident Energy (eV) 26-Fe-60



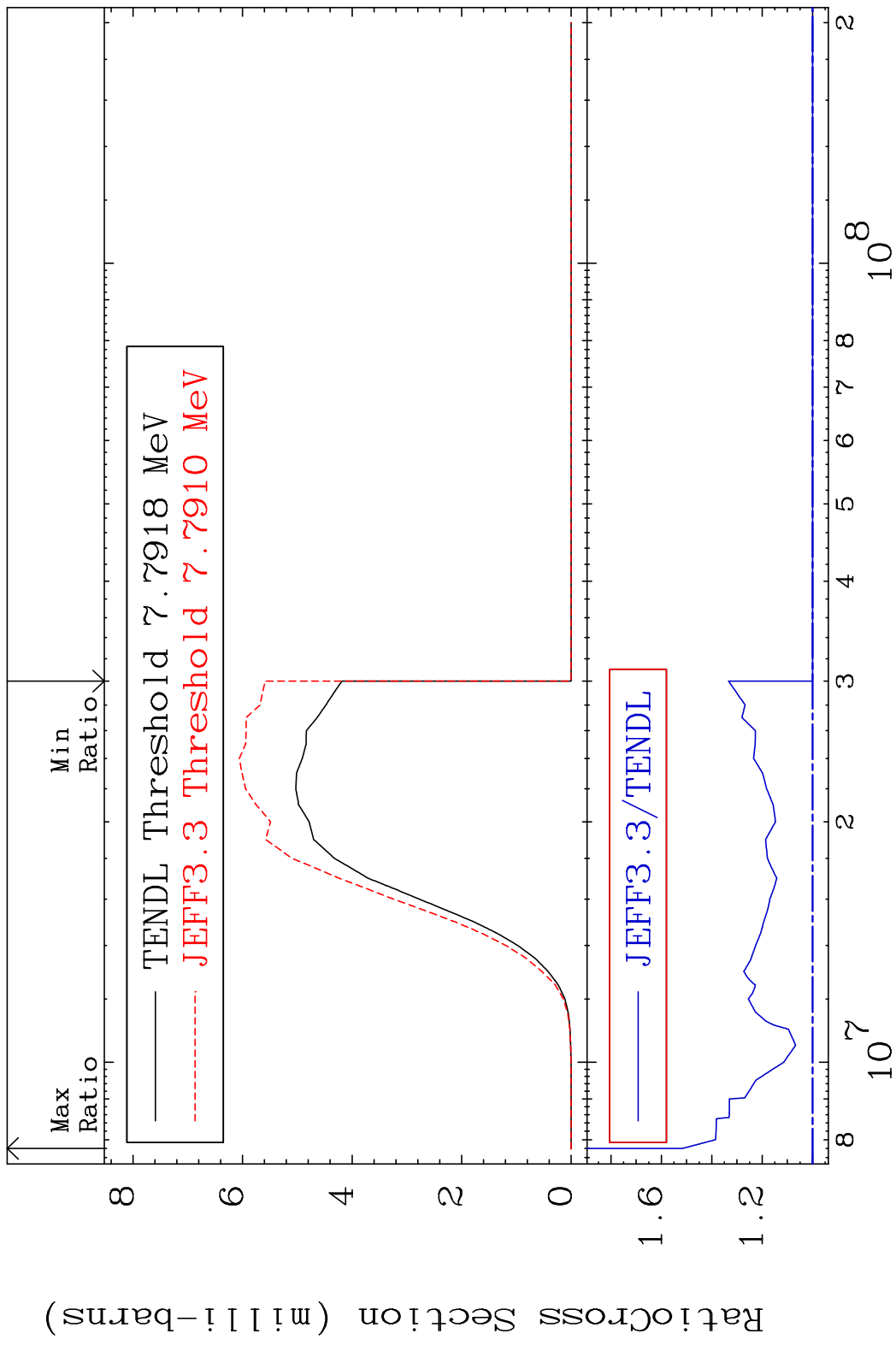


MAT 2643 (n,2n) p:25-Mn-58g 26-Fe-60
 Radionuclide Production Cross Section 18ed181d10 9999. %

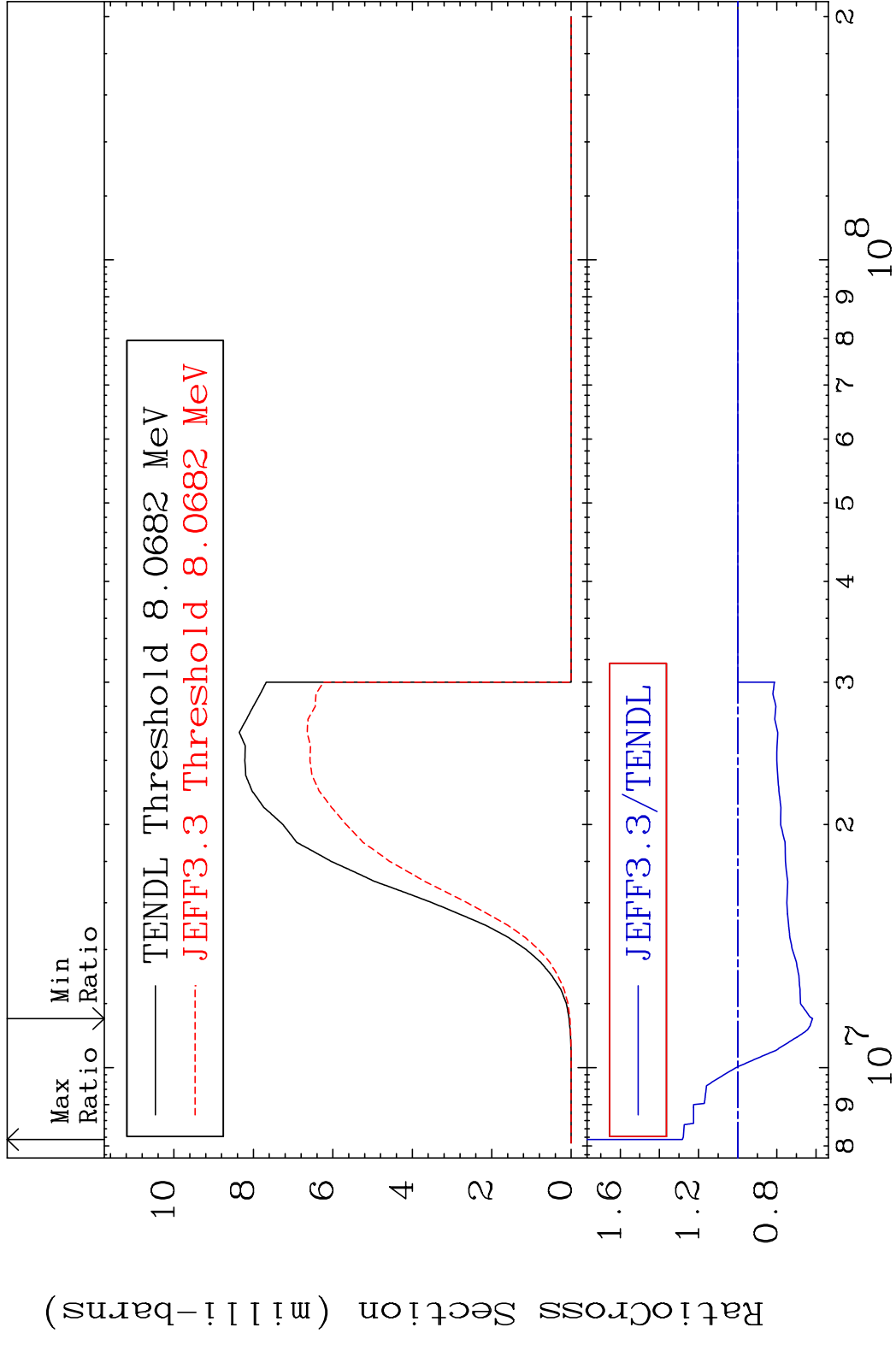




MAT 2643 (n, p): 25-Mn-60g 26-Fe-60
 Radionuclide Production Cross Section 51.68 %



MAT 2643 (n,p):25-Mn-60m1 26-Fe-60
 Radionuclide Production Cross Section 38.21 d10 28.28 %



70 Incident Energy (eV) 26-Fe-60

MAT 2643 (n, t): 25-Mn-58g 26-Fe-60
 Radionuclide Production Cross Section 32.26 %

