

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

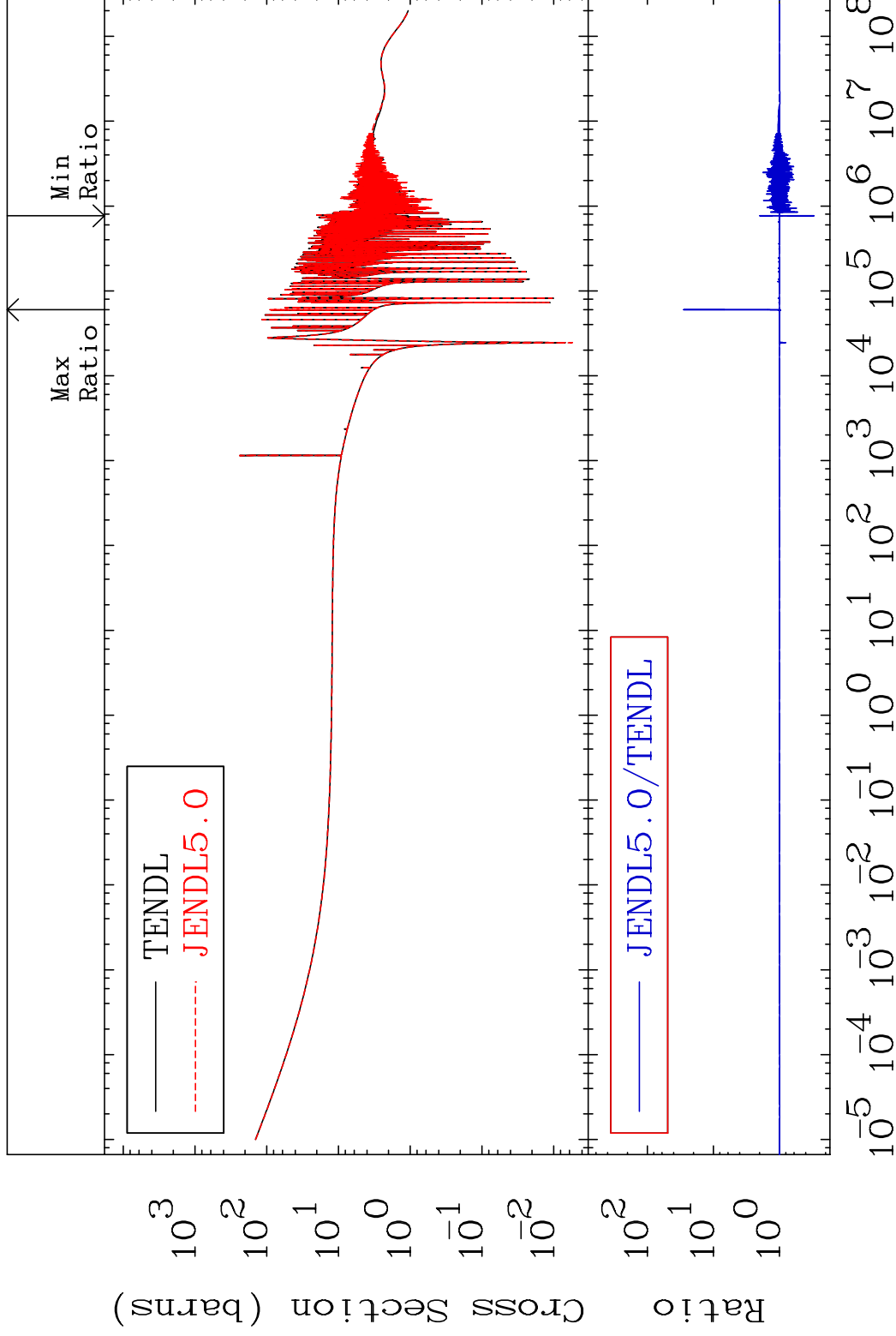
MAT 2631

Total

26-Fe-56

Cross Section

-70.10 To 2719. %



1

Incident Energy (eV)

26-Fe-56

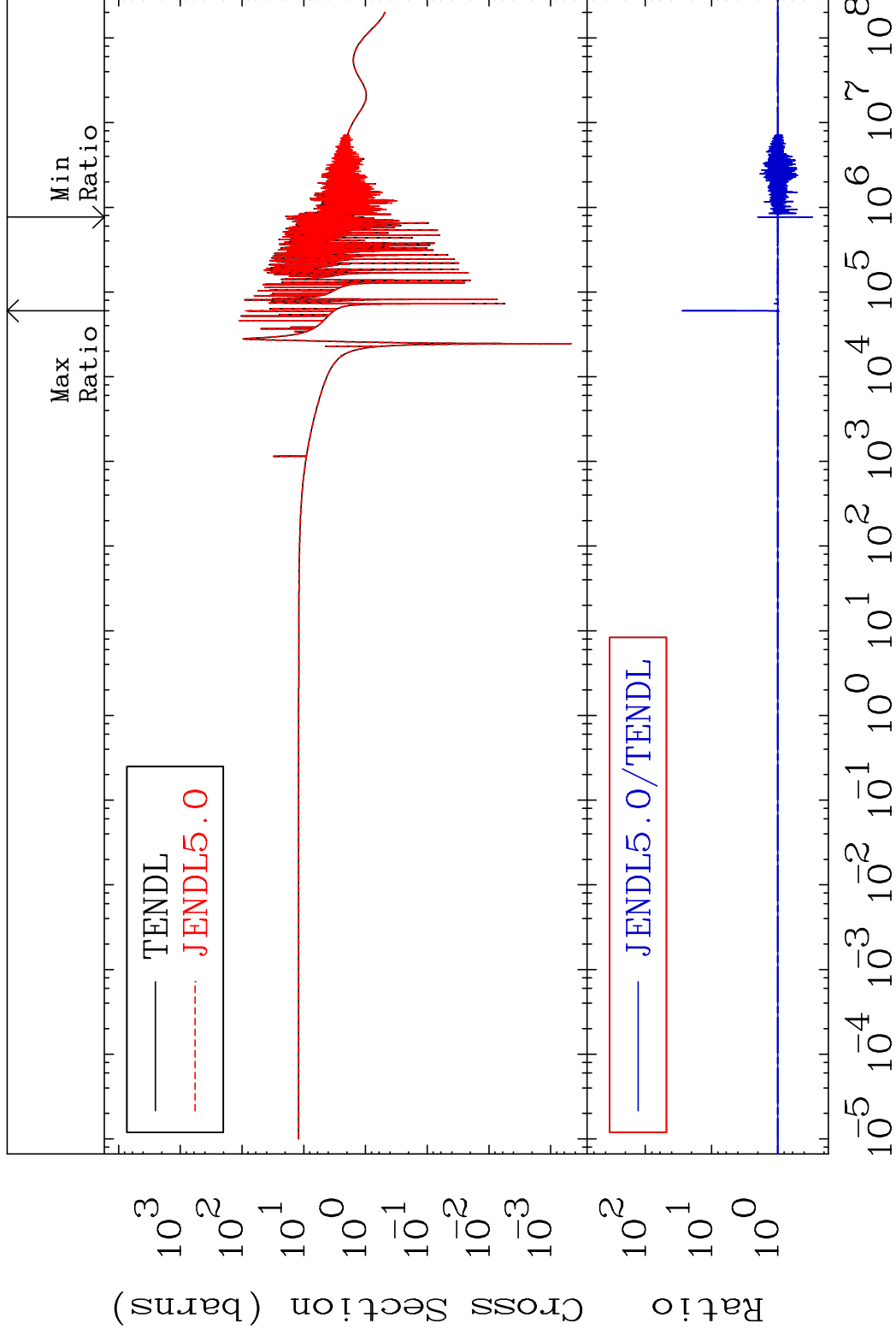
MAT 2631

Elastic

26-Fe-56

Cross Section

-70.17 To 2660. %

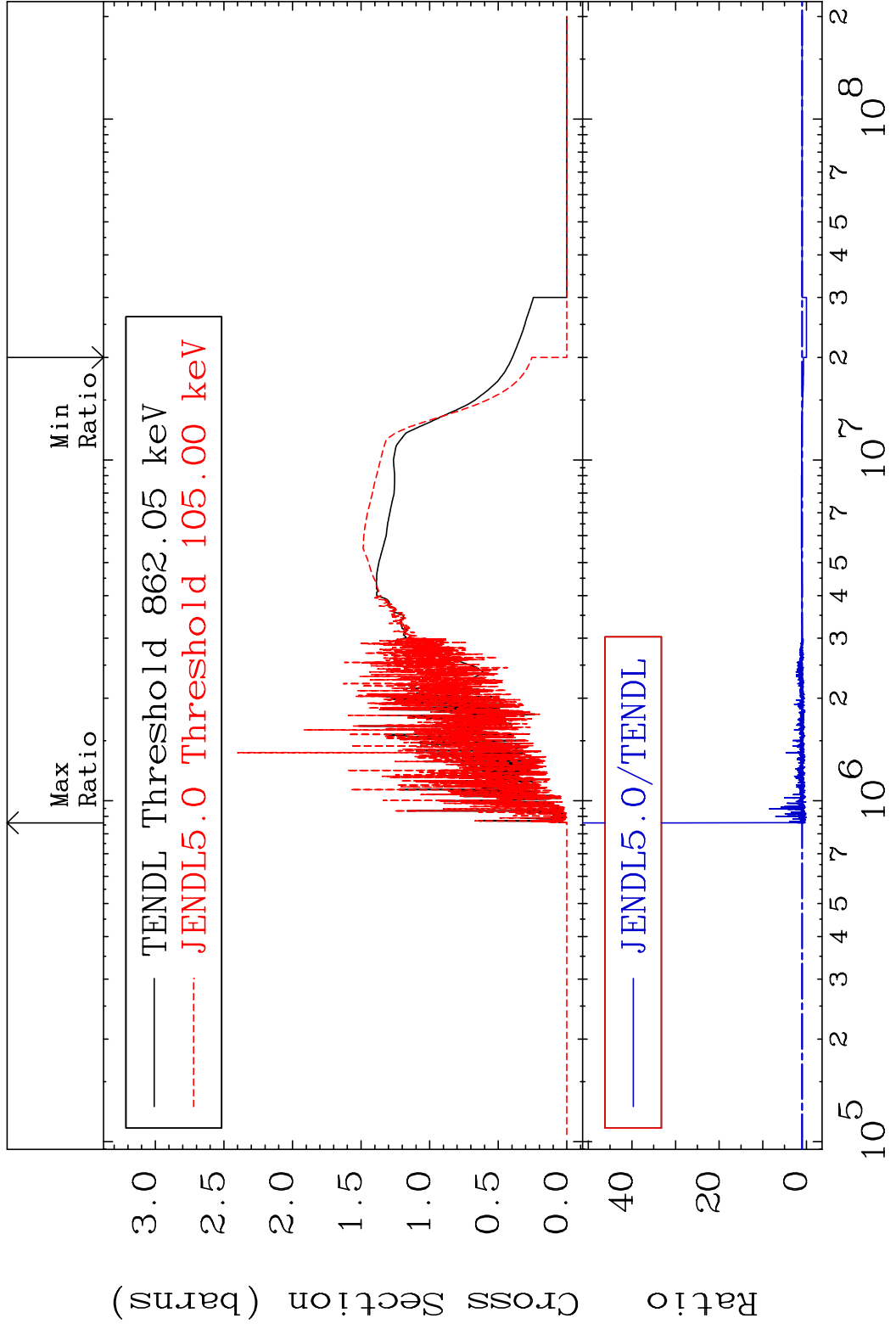


2

Incident Energy (eV)

26-Fe-56

MAT 2631 Inelastic ²⁶Fe-56
 Cross Section -100.0 To 2862. %



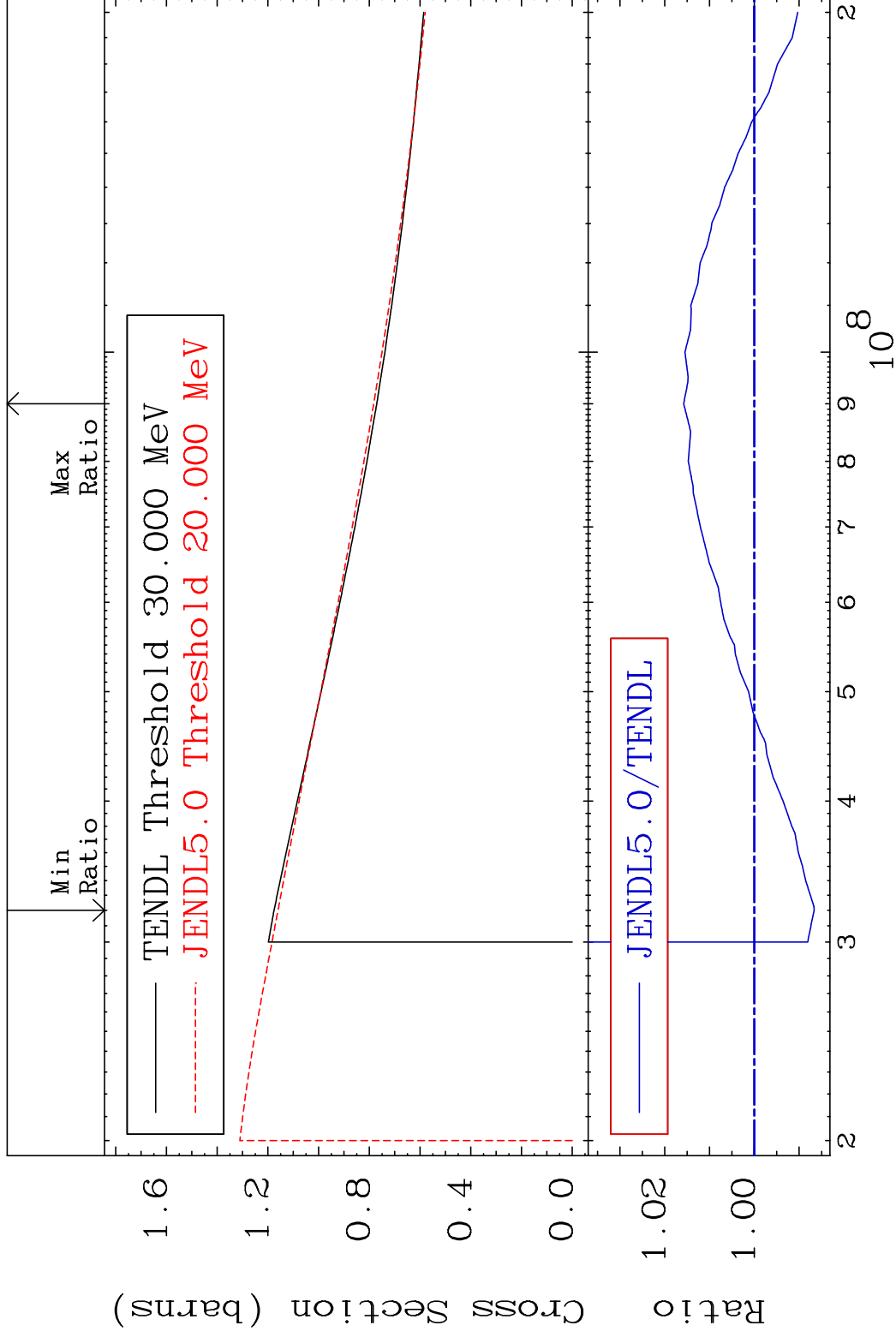
3 Incident Energy (eV) ²⁶Fe-56

MAT 2631

(n, remainder)

²⁶Fe-56

Cross Section -1.333 To 1.579 %

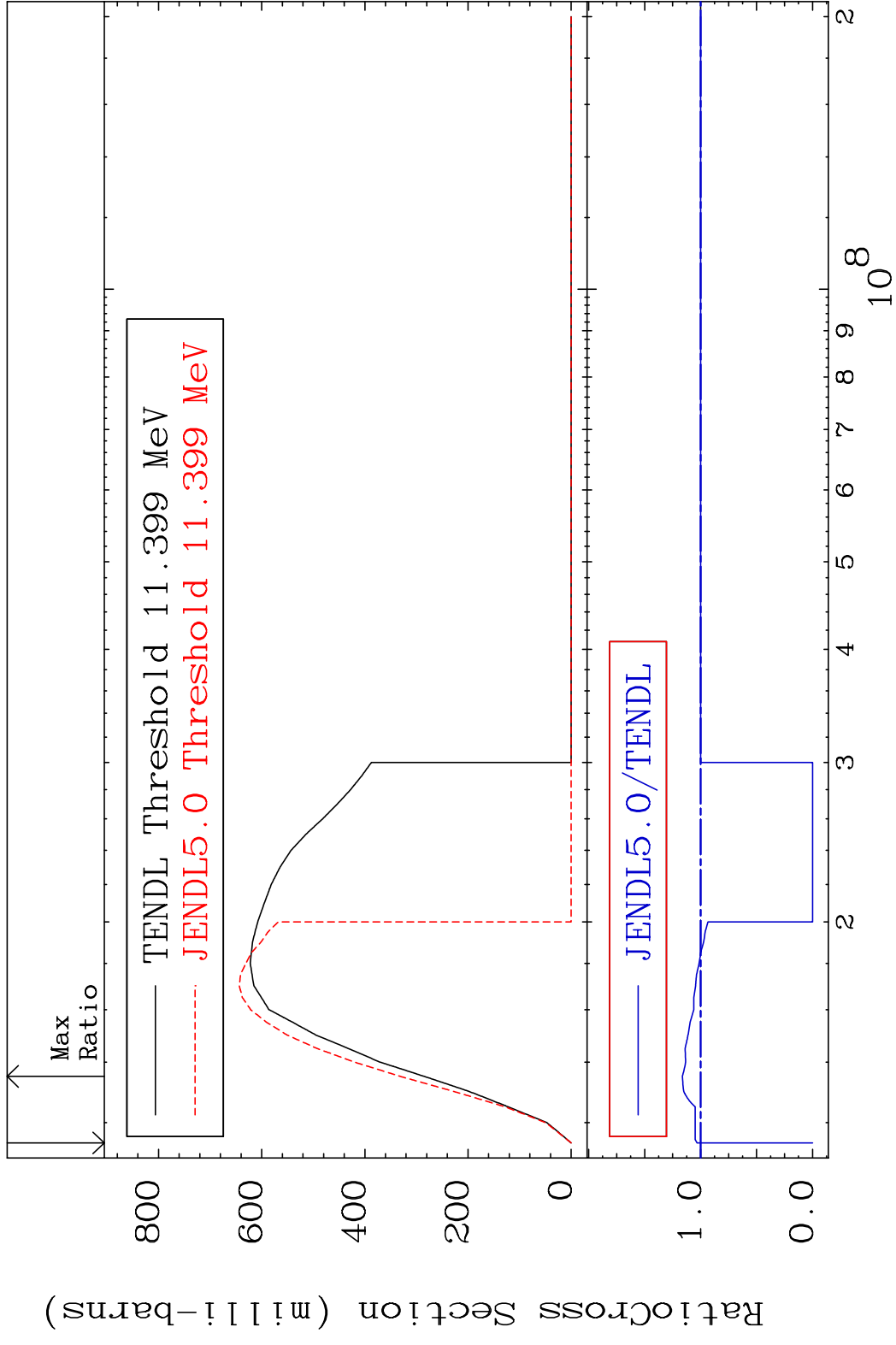


4

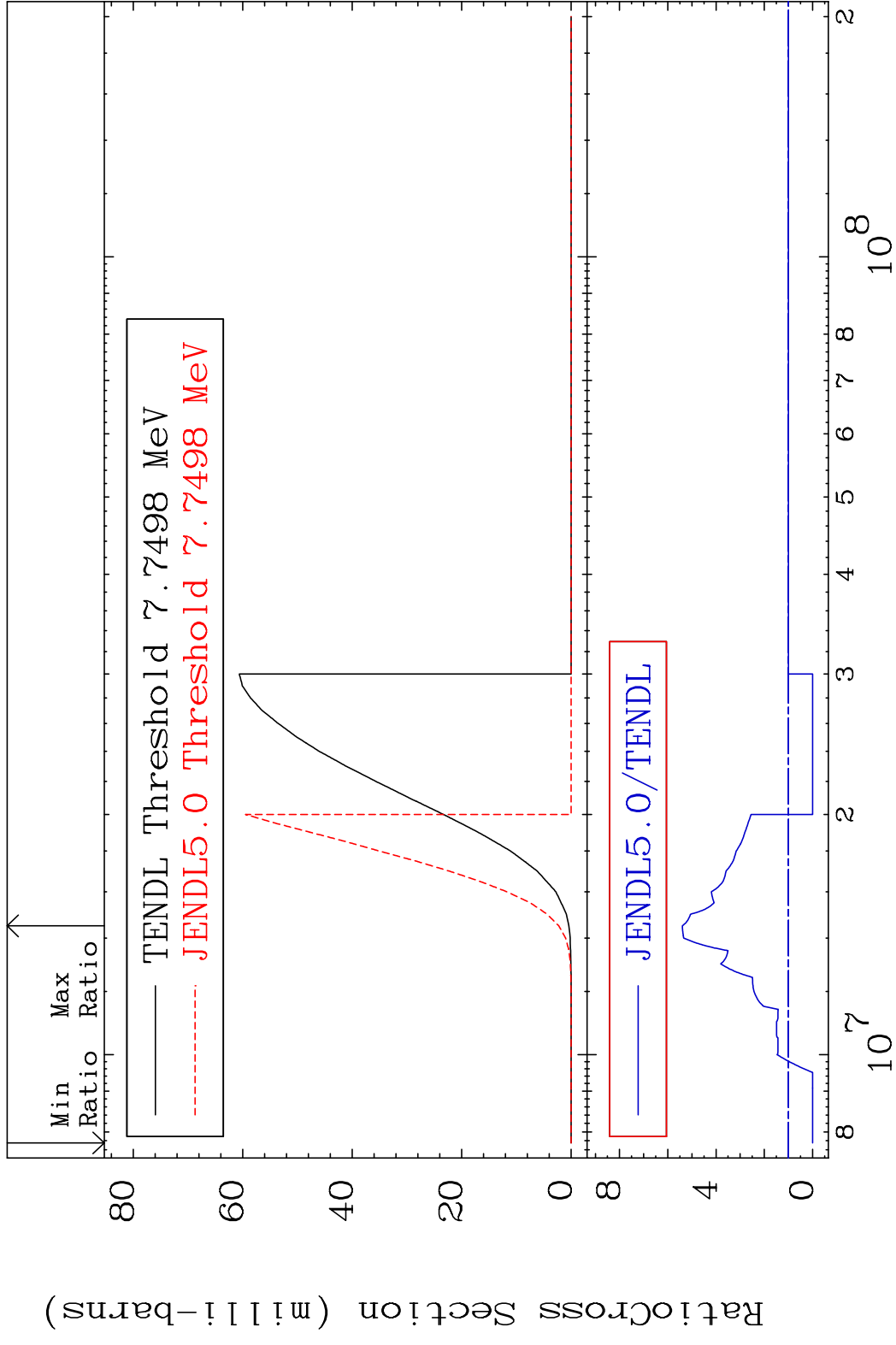
Incident Energy (eV)

²⁶Fe-56

MAT 2631 (n,2n) 26-Fe-56
 Cross Section -100.0 To 16.31 %

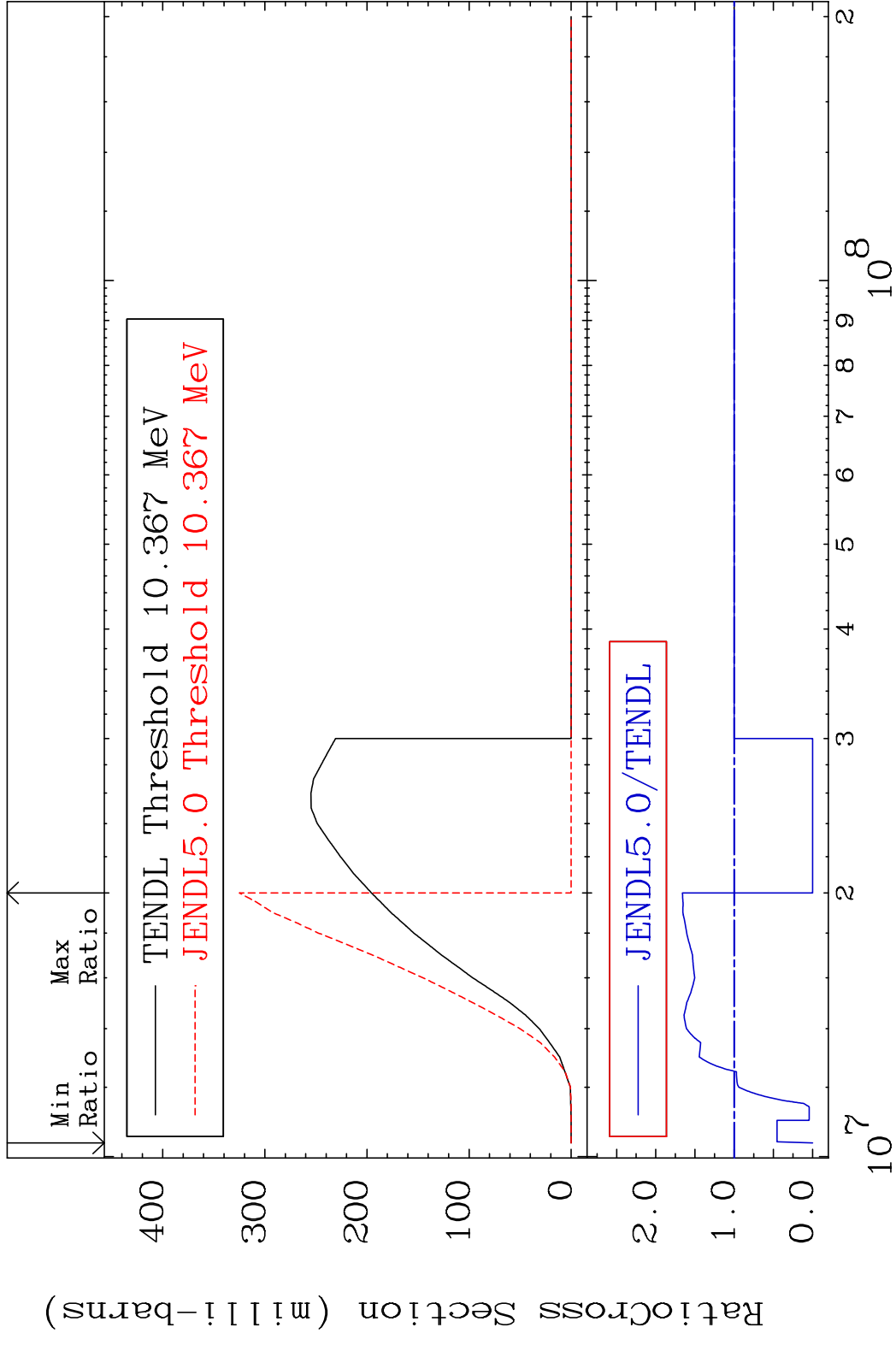


MAT 2631 $(n, n') \alpha$ $^{26}\text{Fe-56}$
 Cross Section -100.0 To 439.6 %

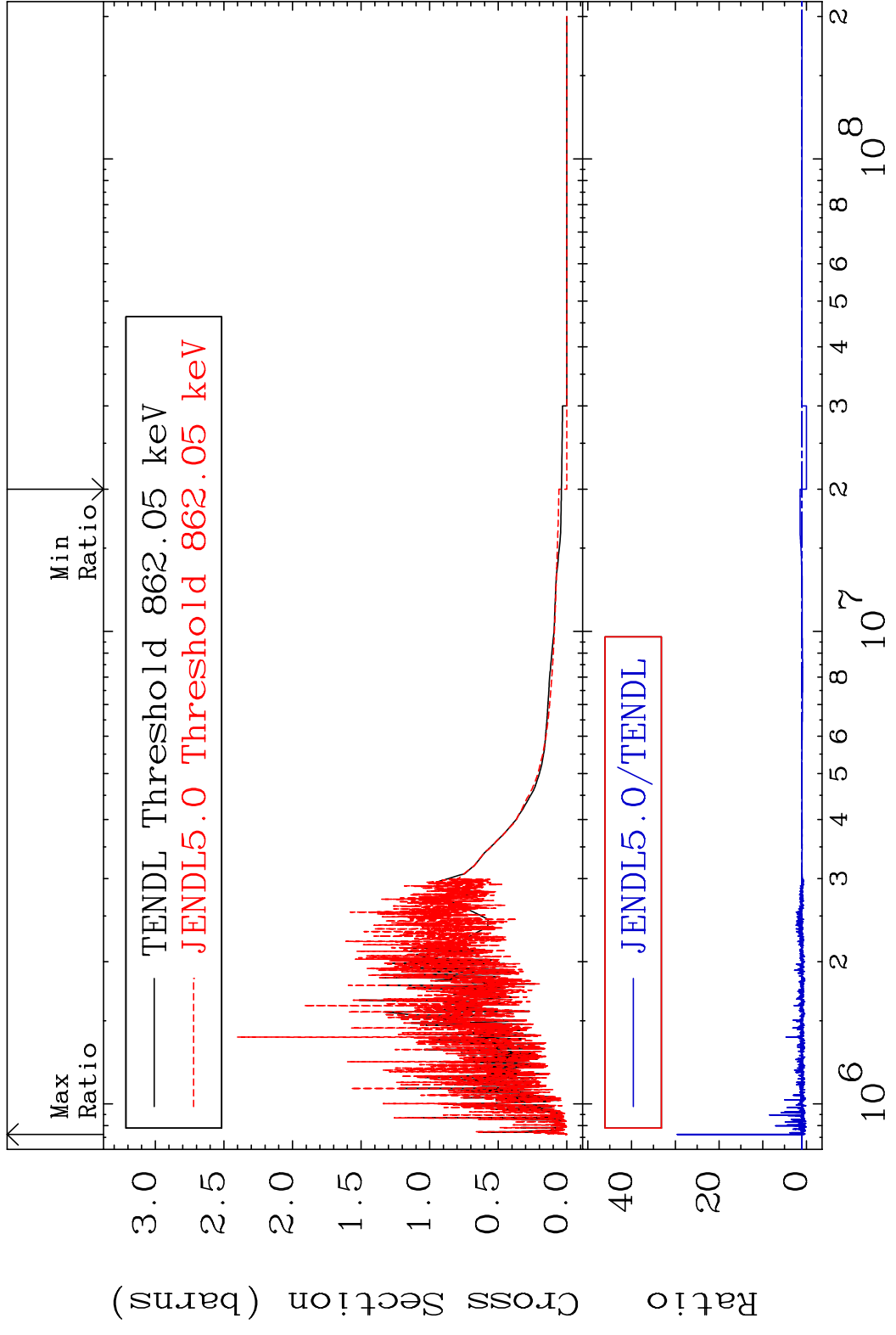


6 Incident Energy (eV) $^{26}\text{Fe-56}$

MAT 2631 (n, n') p 26-Fe-56
 Cross Section -100.0 To 66.12 %

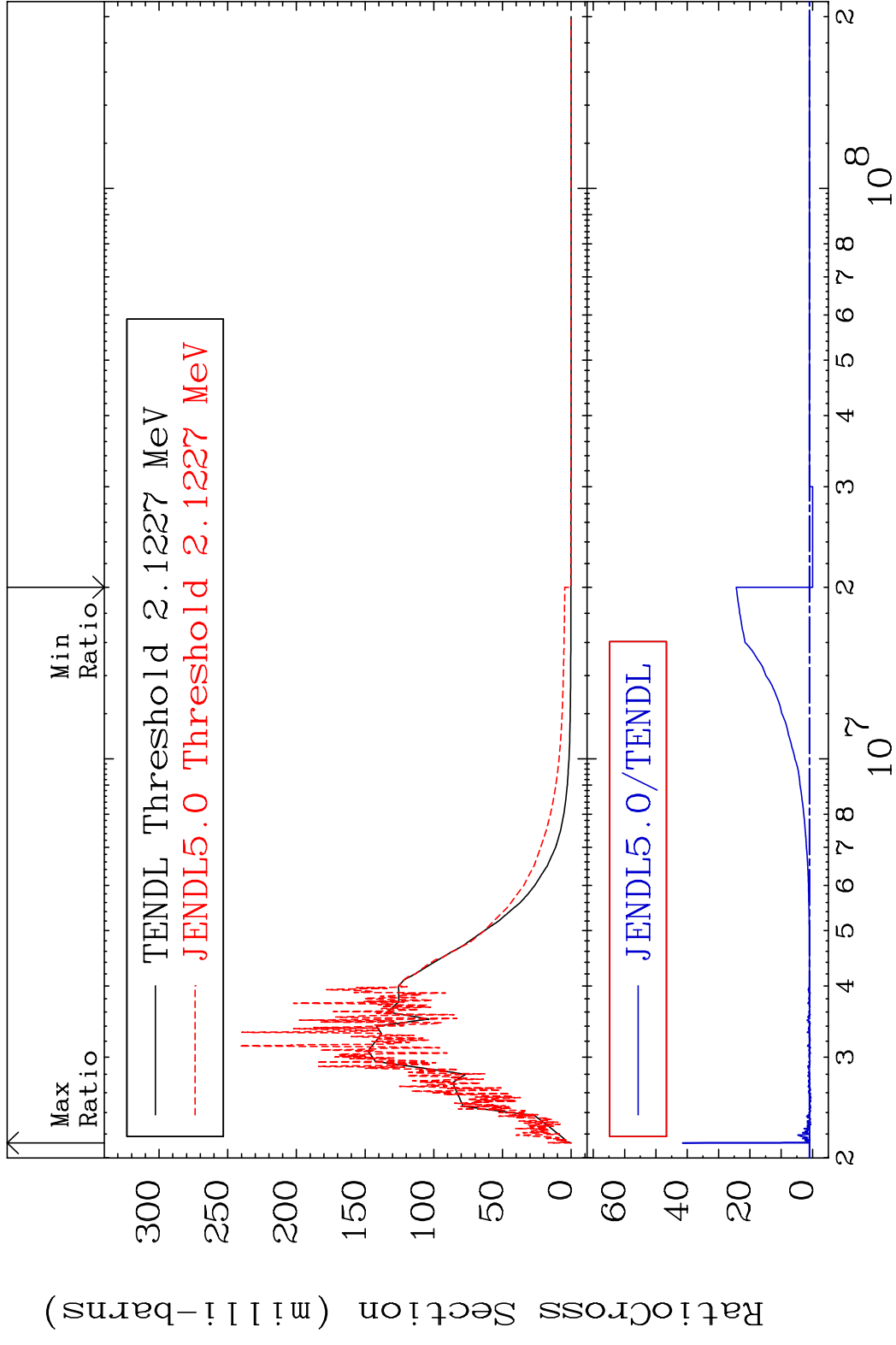


MAT 2631 MT= 51 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 2857. %

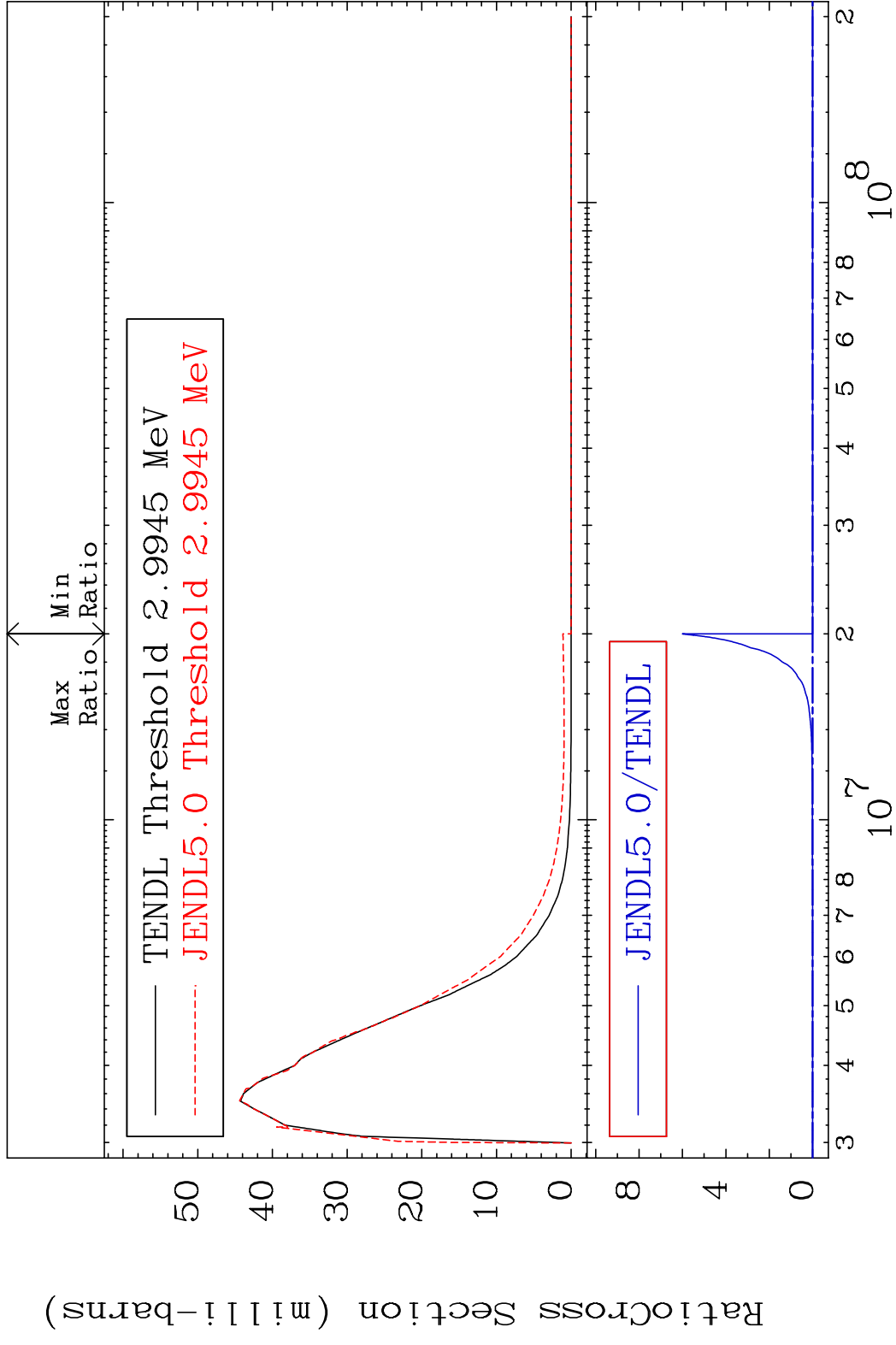


8 Incident Energy (eV) 26-Fe-56

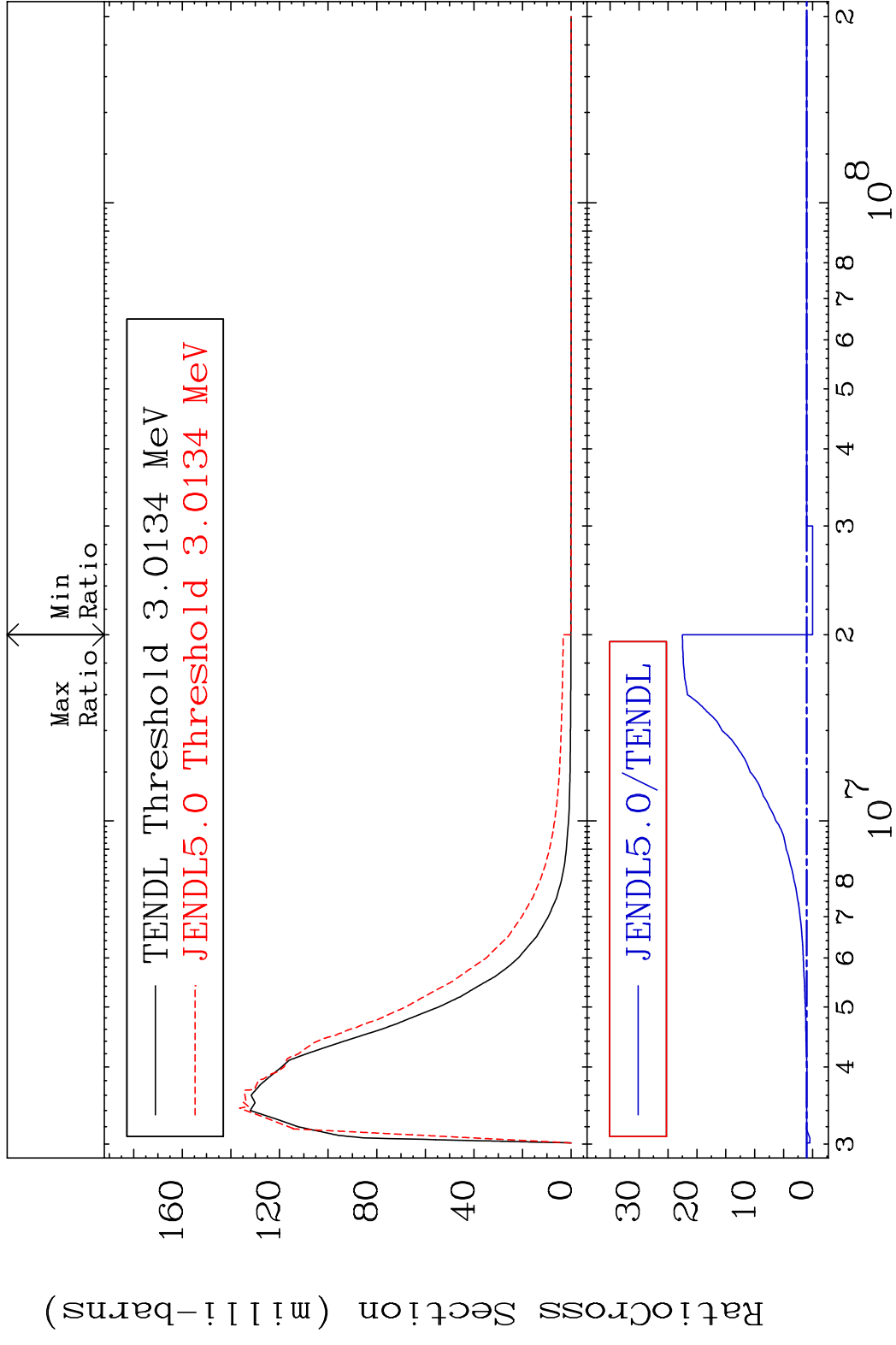
MAT 2631 MT= 52 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 4057. %



MAT 2631 MT= 54 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %

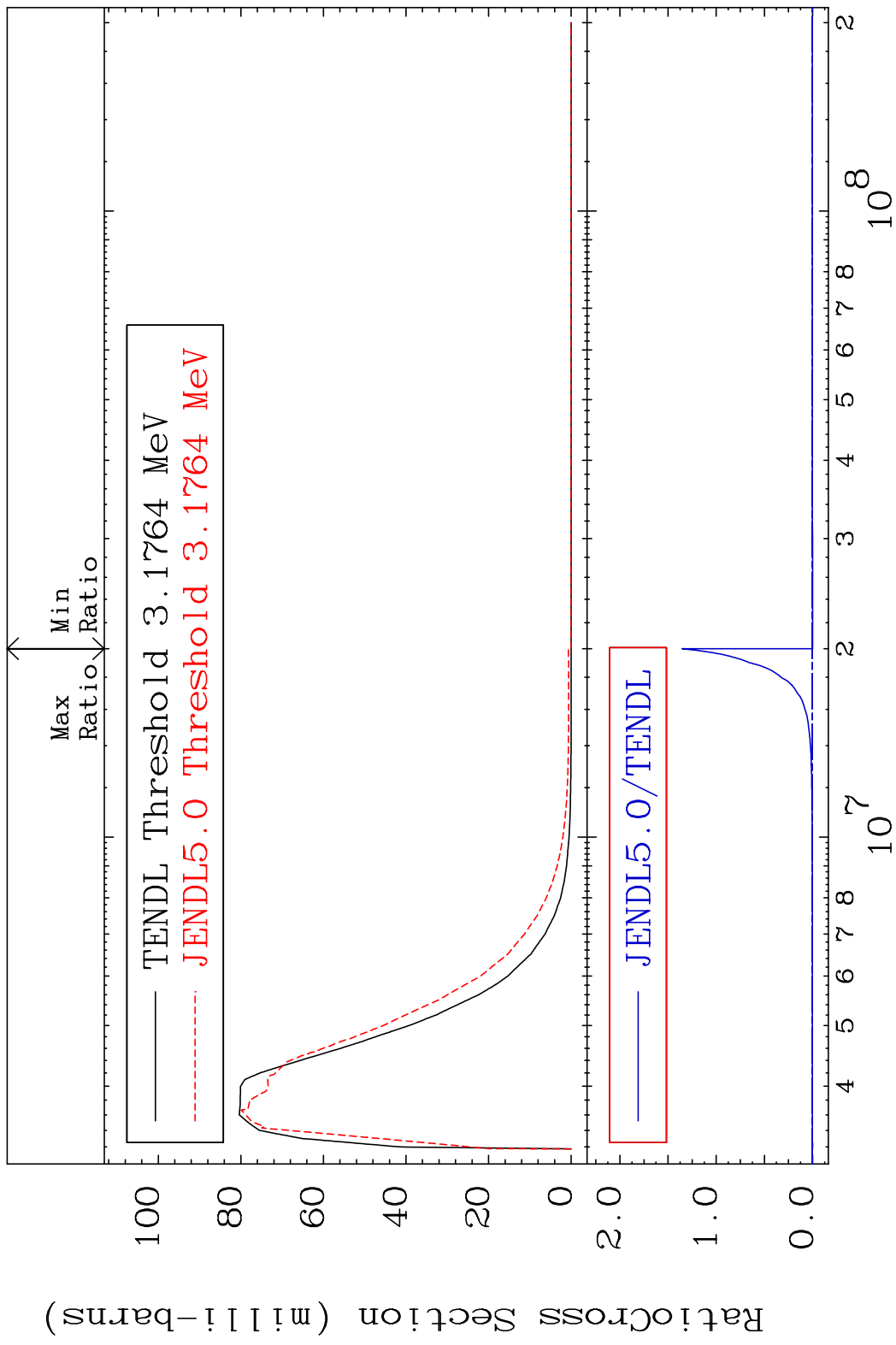


MAT 2631 MT= 55 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 2151. %

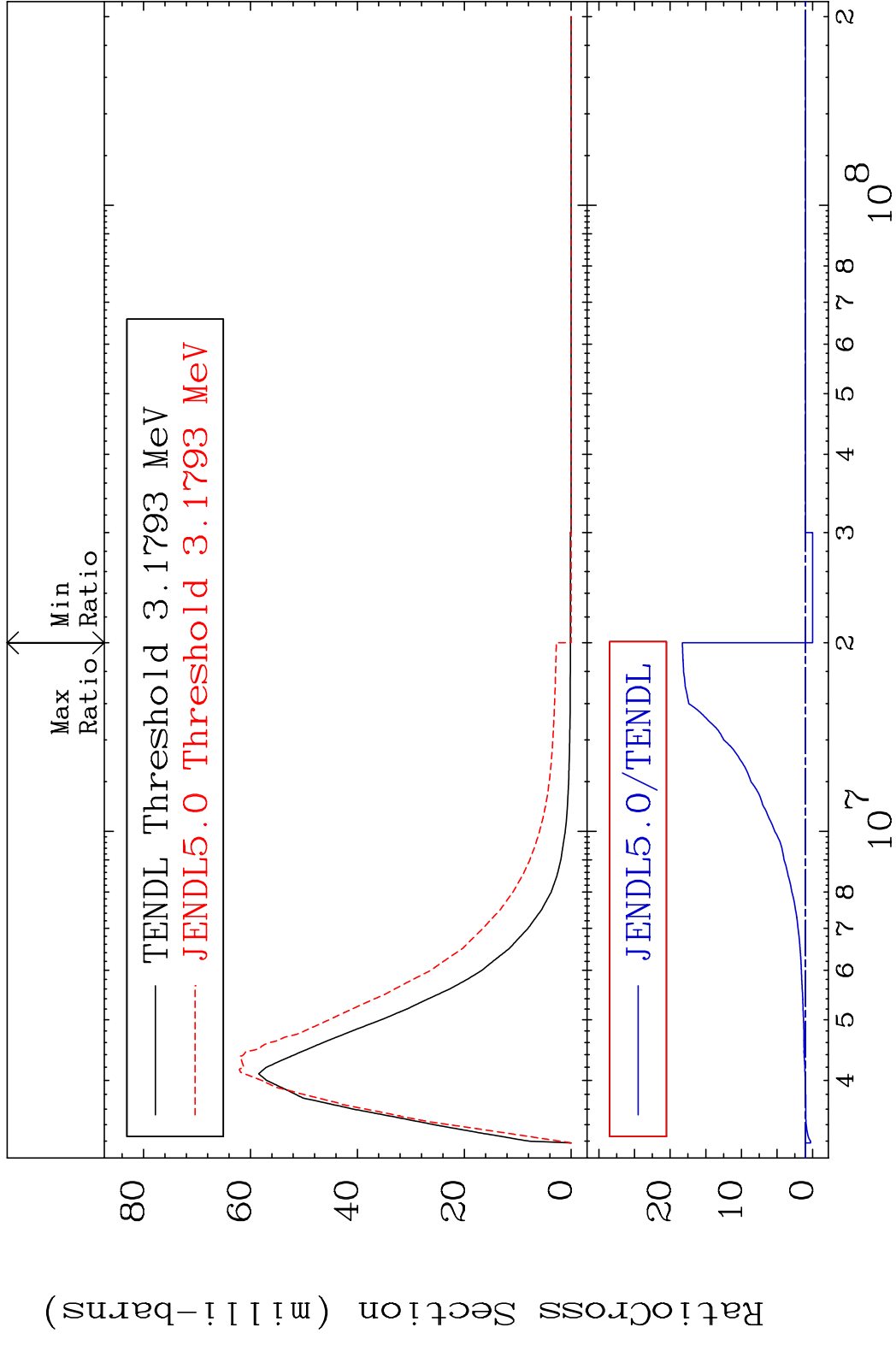


12 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 56 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %

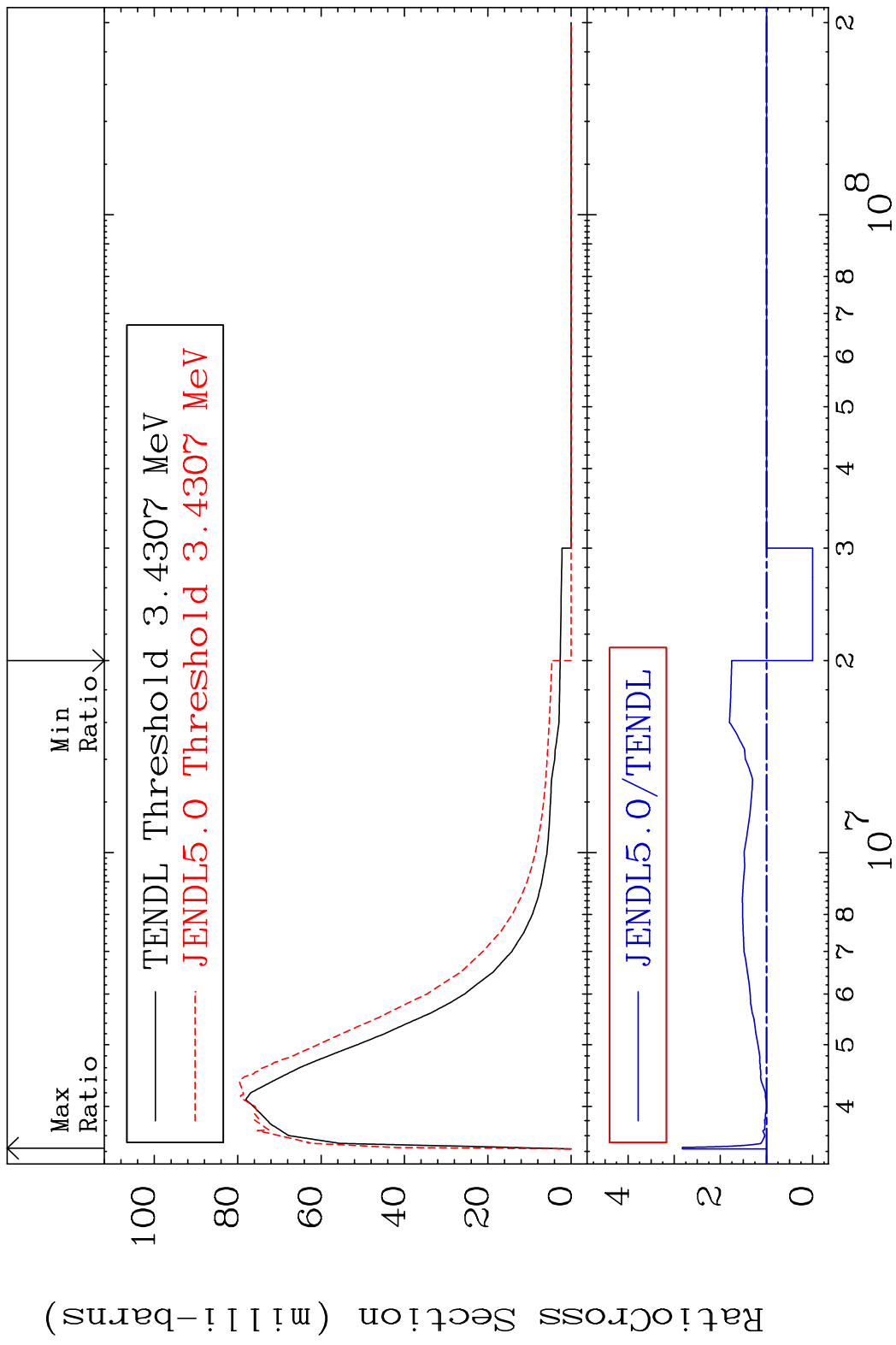


MAT 2631 MT= 57 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 1729. %

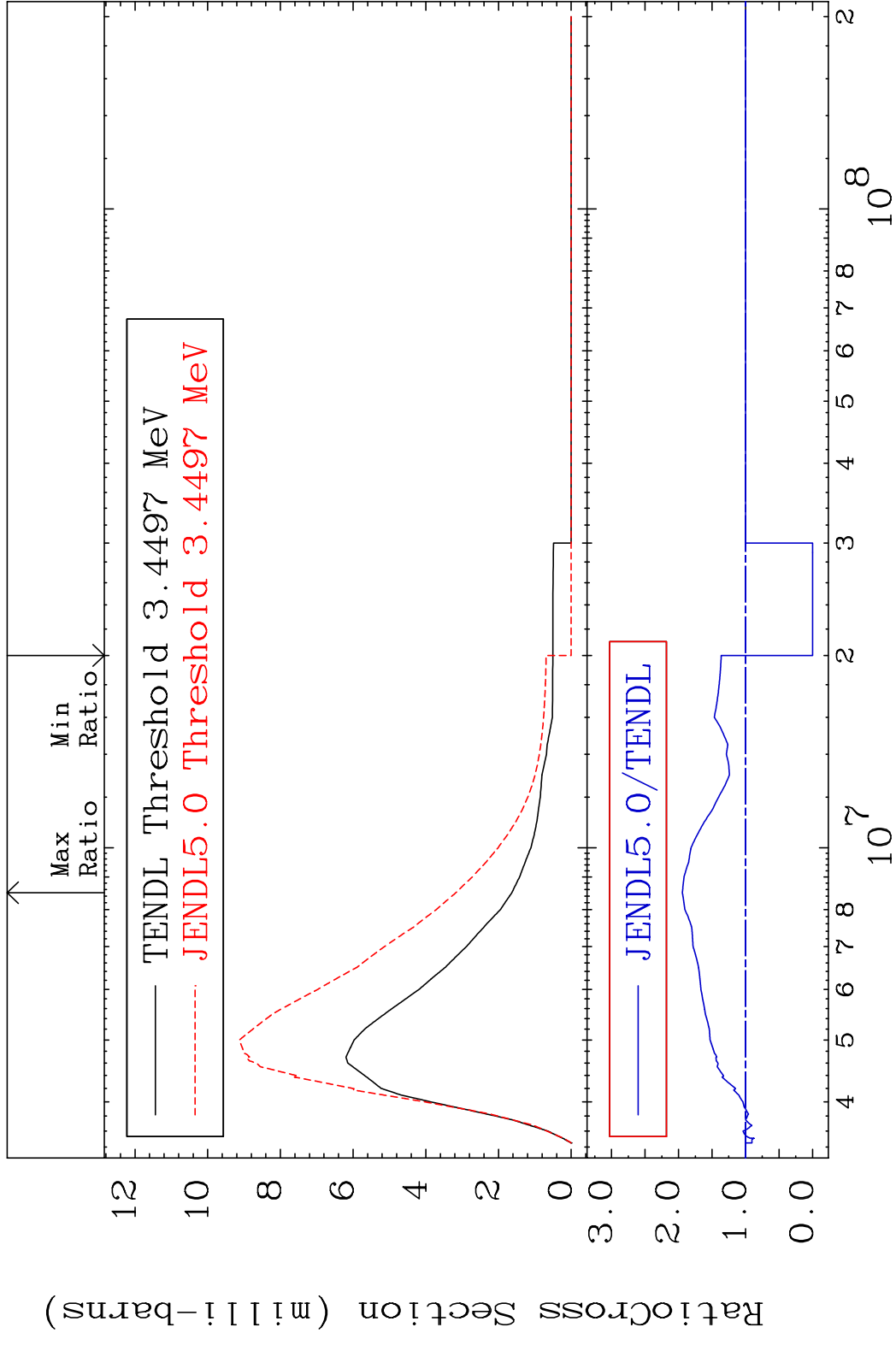


14 Incident Energy (eV) 26-Fe-56

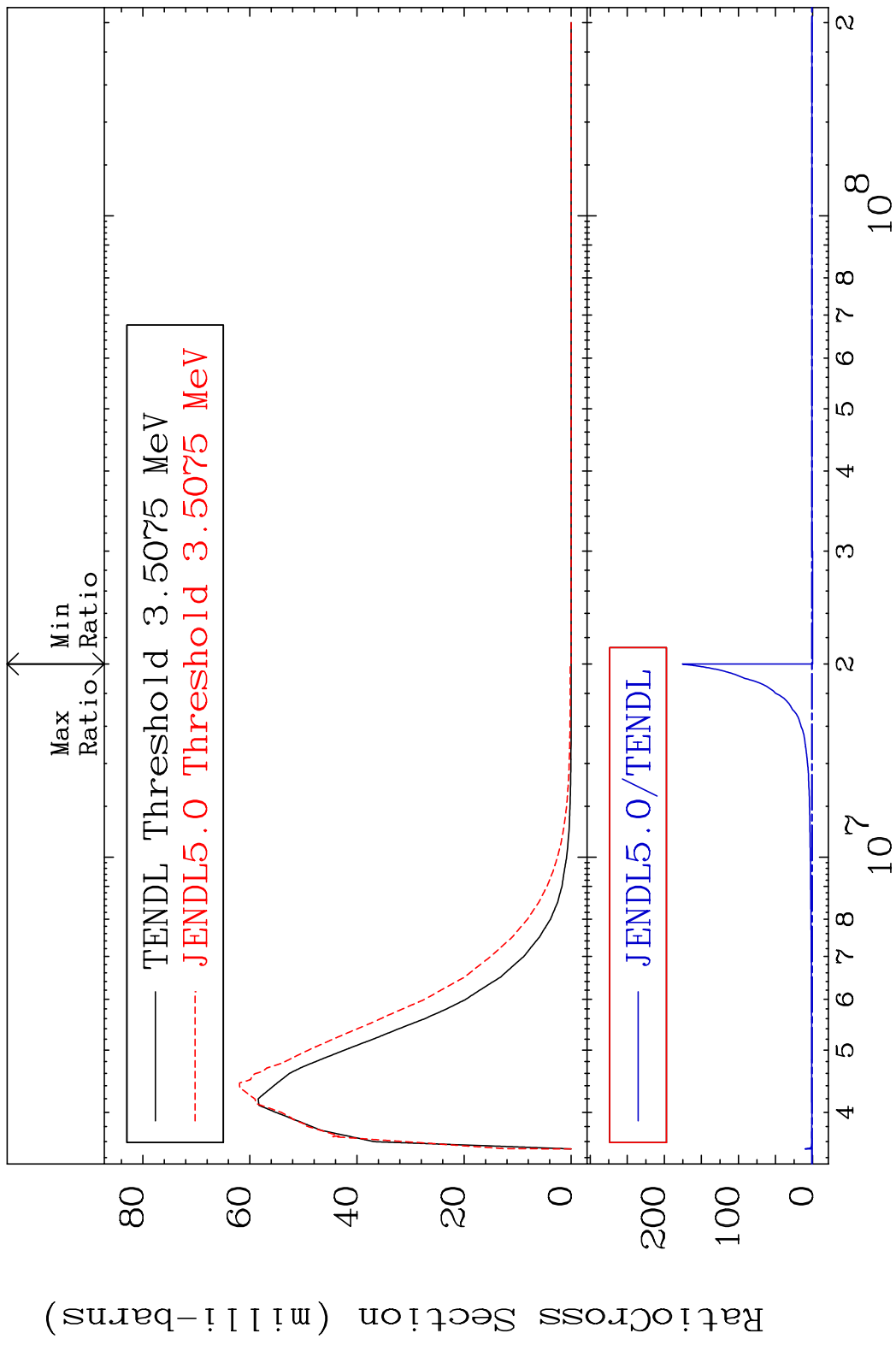
MAT 2631 MT= 58 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 182.3 %



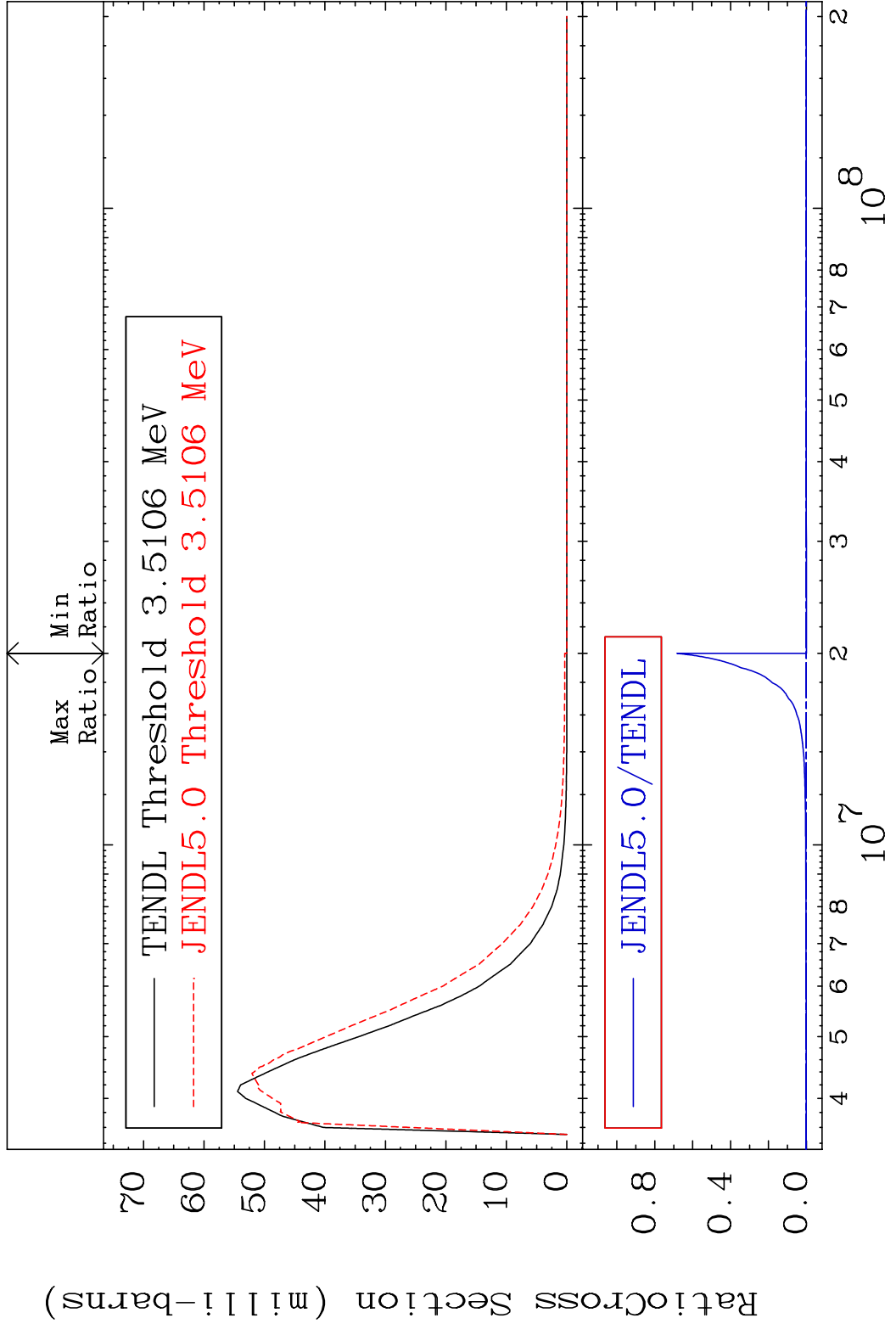
MAT 2631 MT= 59 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 94.30 %



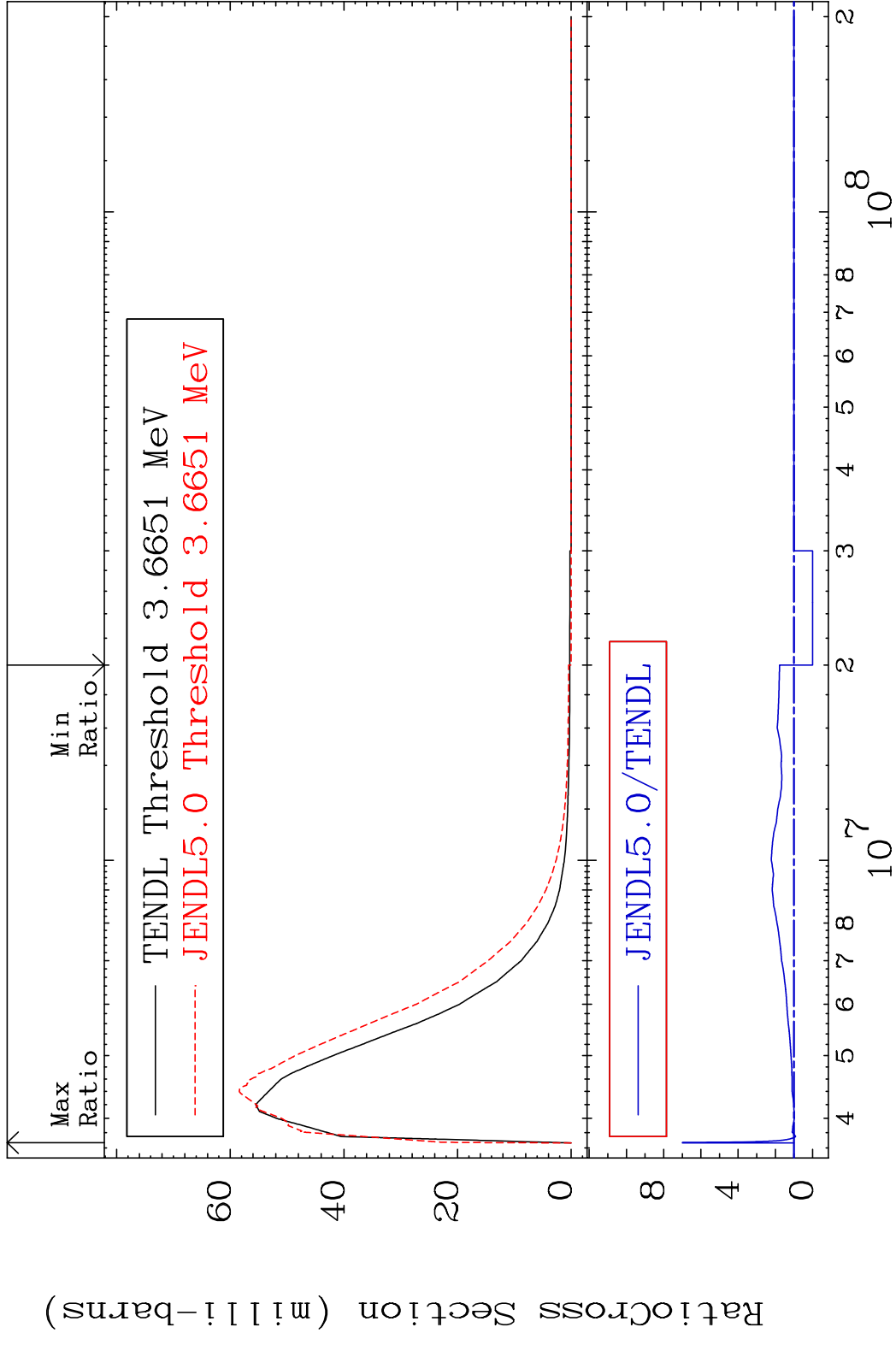
MAT 2631 MT= 60 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



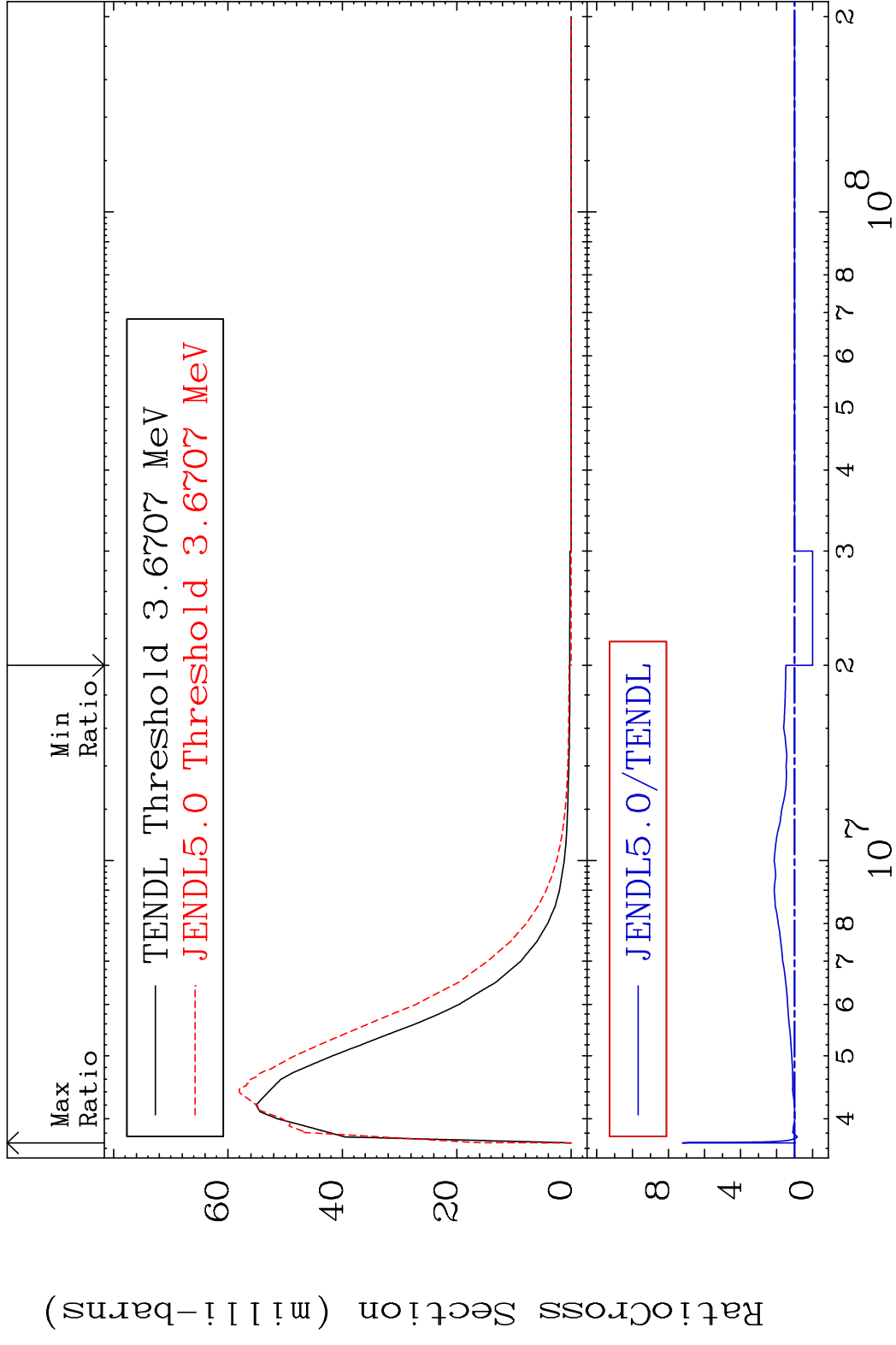
MAT 2631 MT= 61 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 MT= 62 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 599.6 %

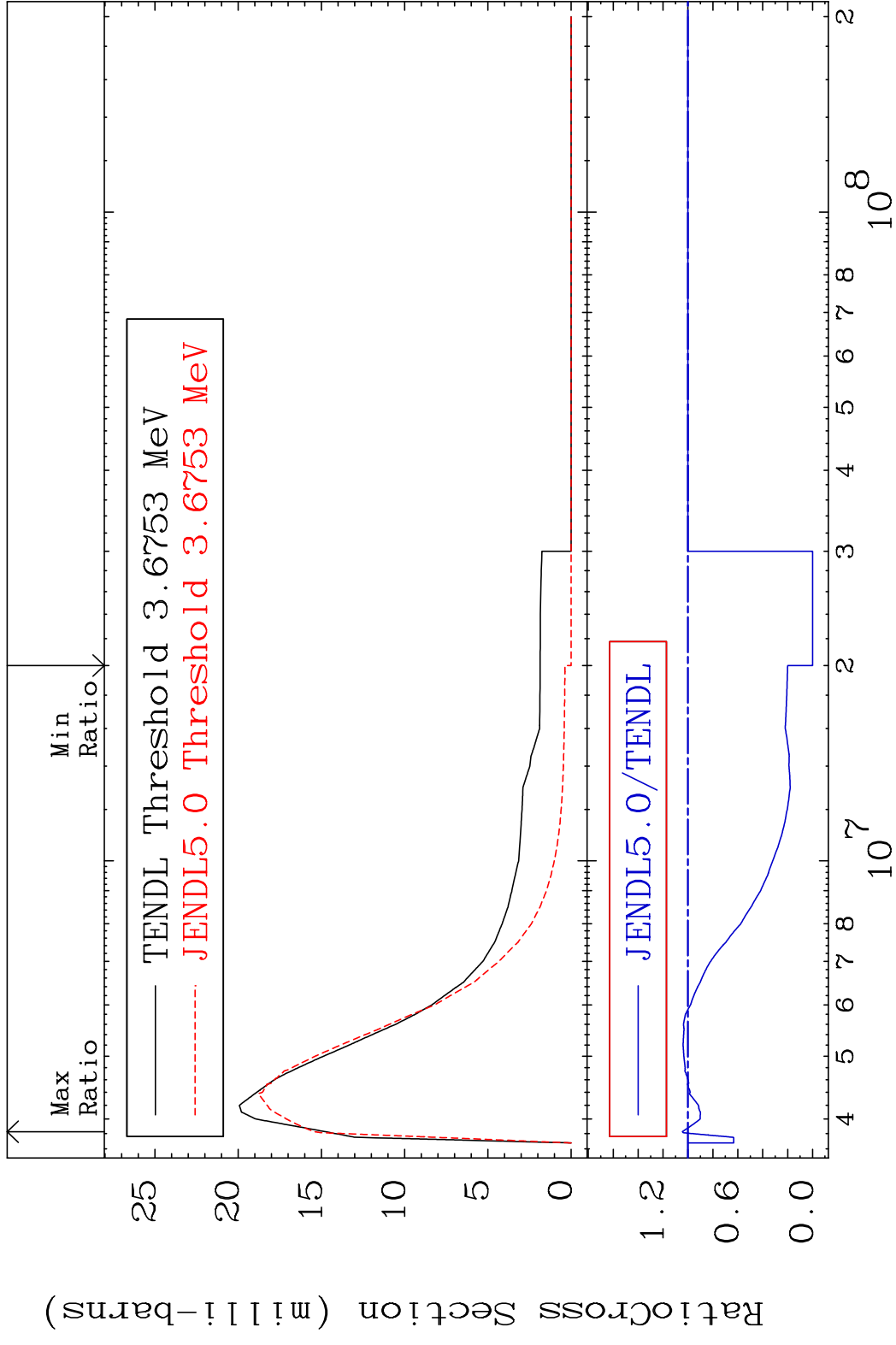


MAT 2631 MT= 63 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 623.3 %

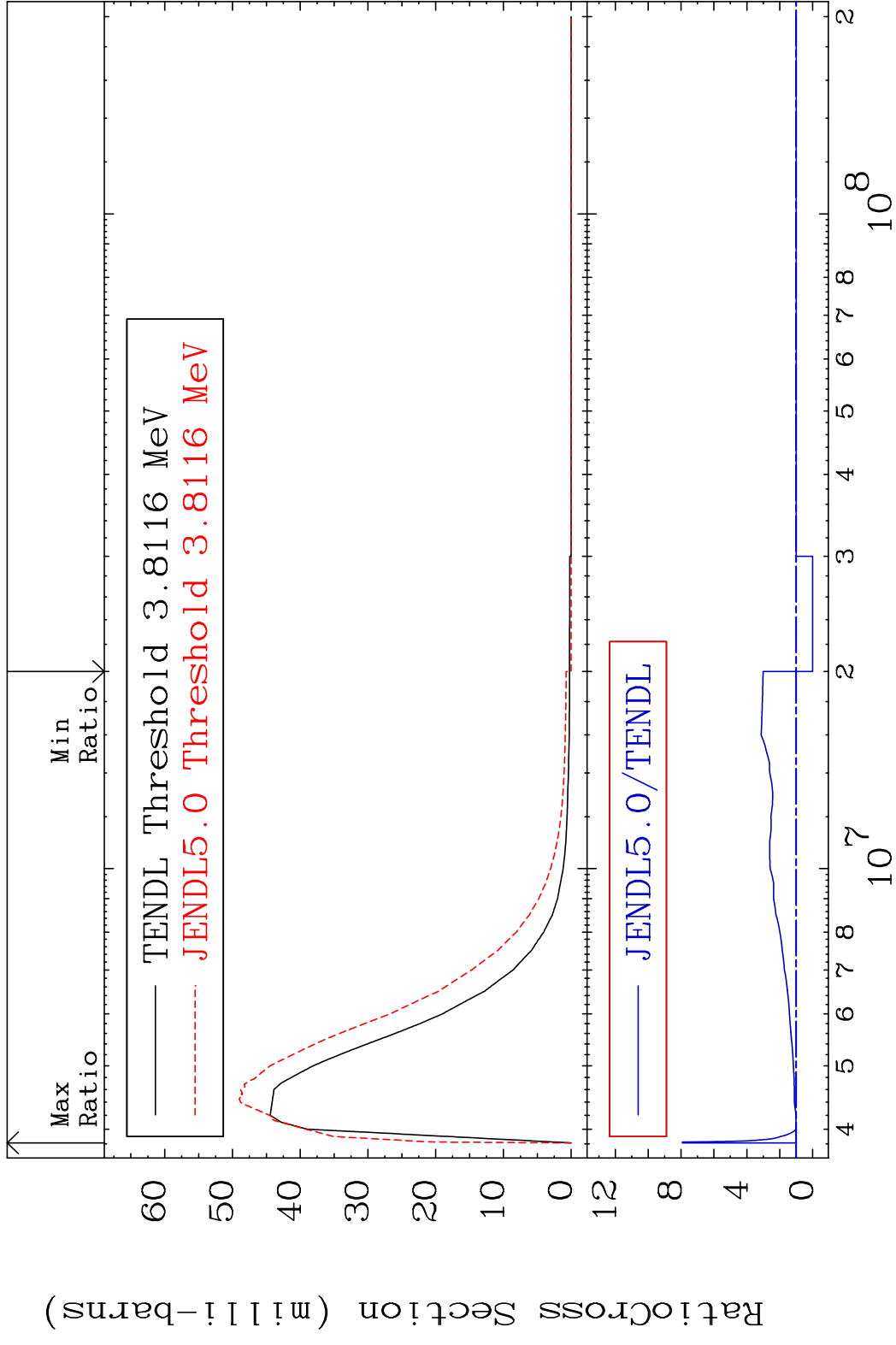


20 26-Fe-56

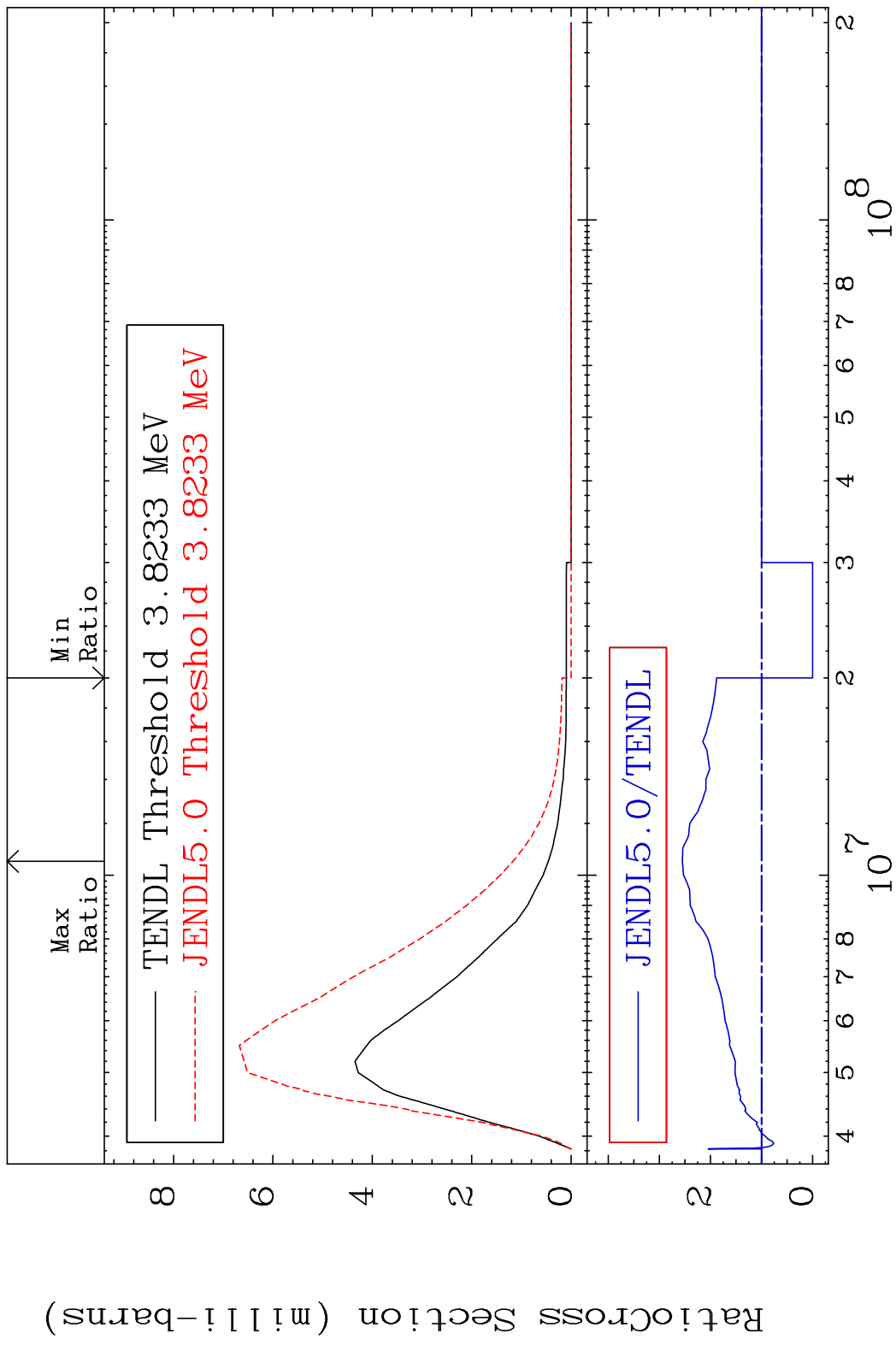
MAT 2631 MT= 64 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 4.500 %



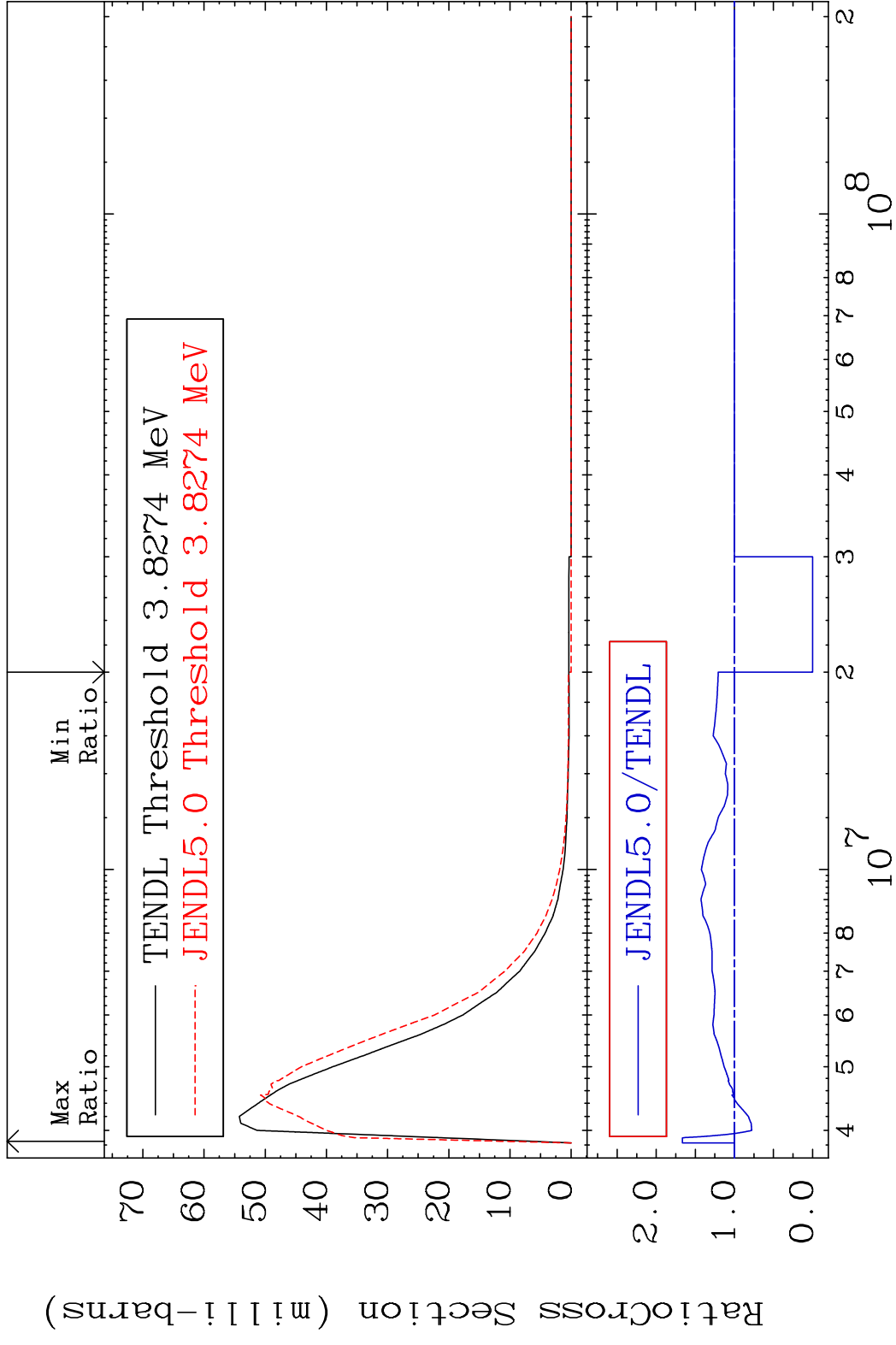
MAT 2631 MT= 65 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 692.3 %



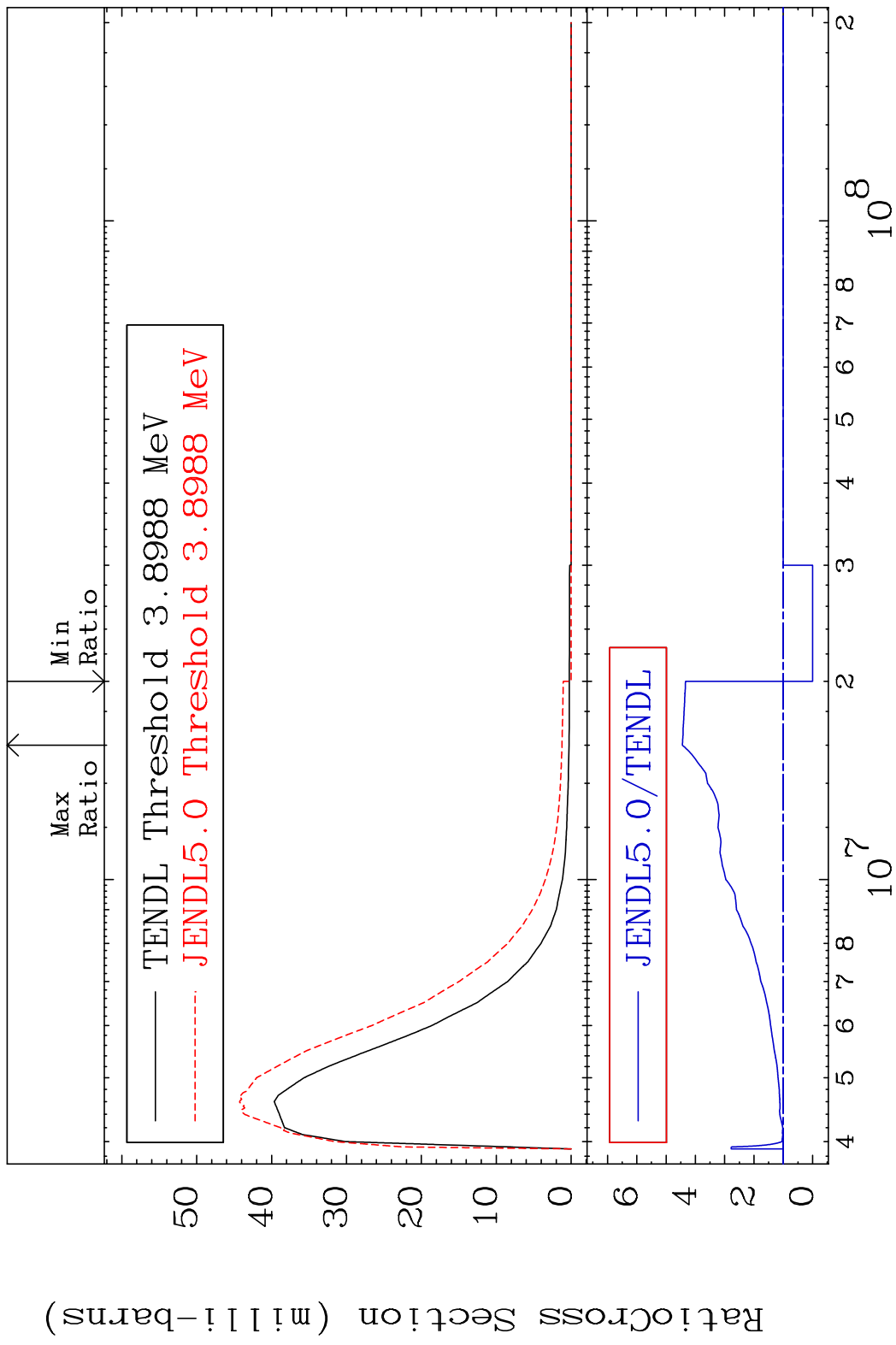
MAT 2631 MT= 66 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 155.0 %



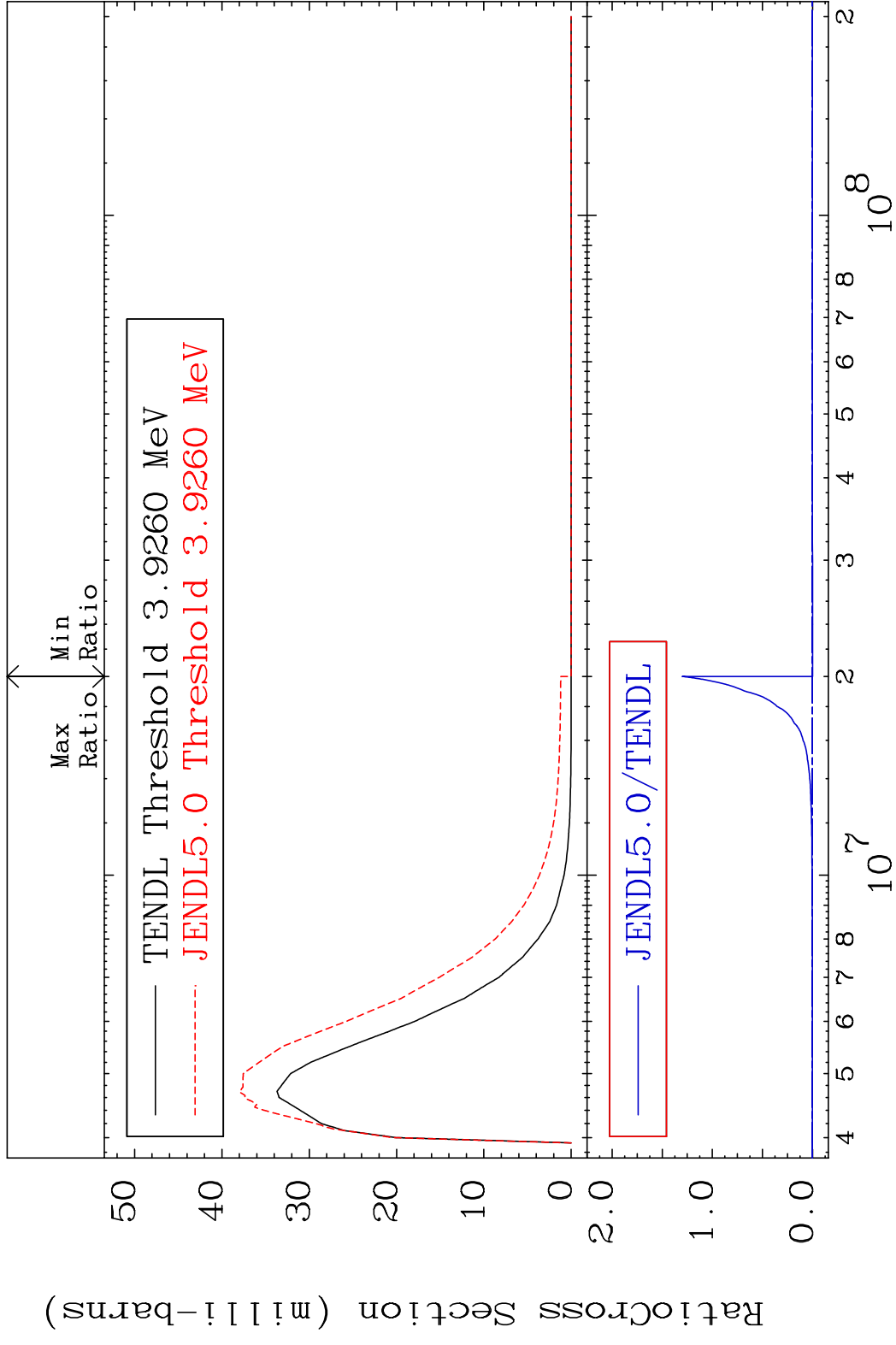
MAT 2631 MT= 67 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 66.61 %



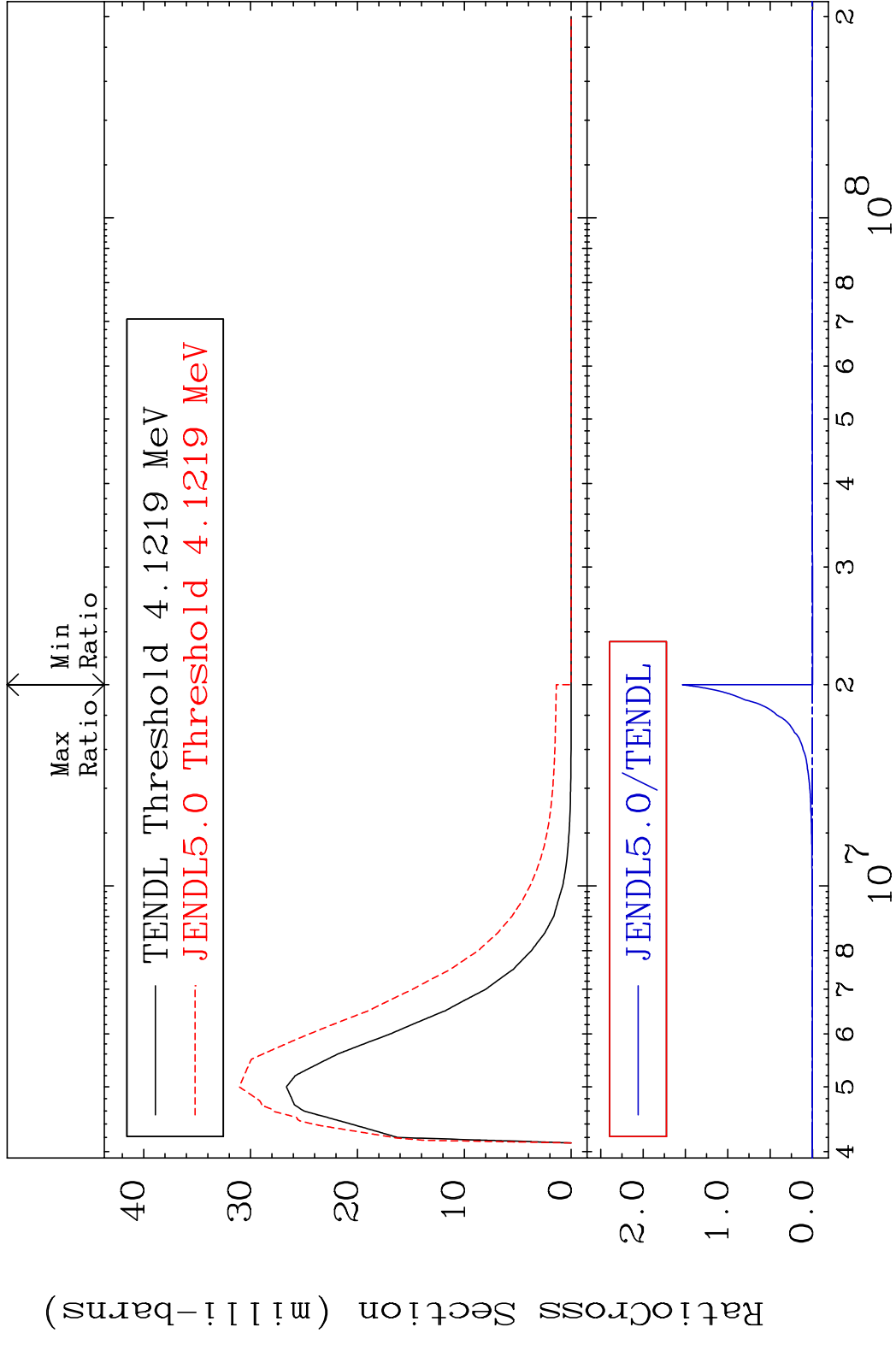
MAT 2631 MT= 68 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 344.5 %



MAT 2631 MT= 69 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 MT= 70 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %

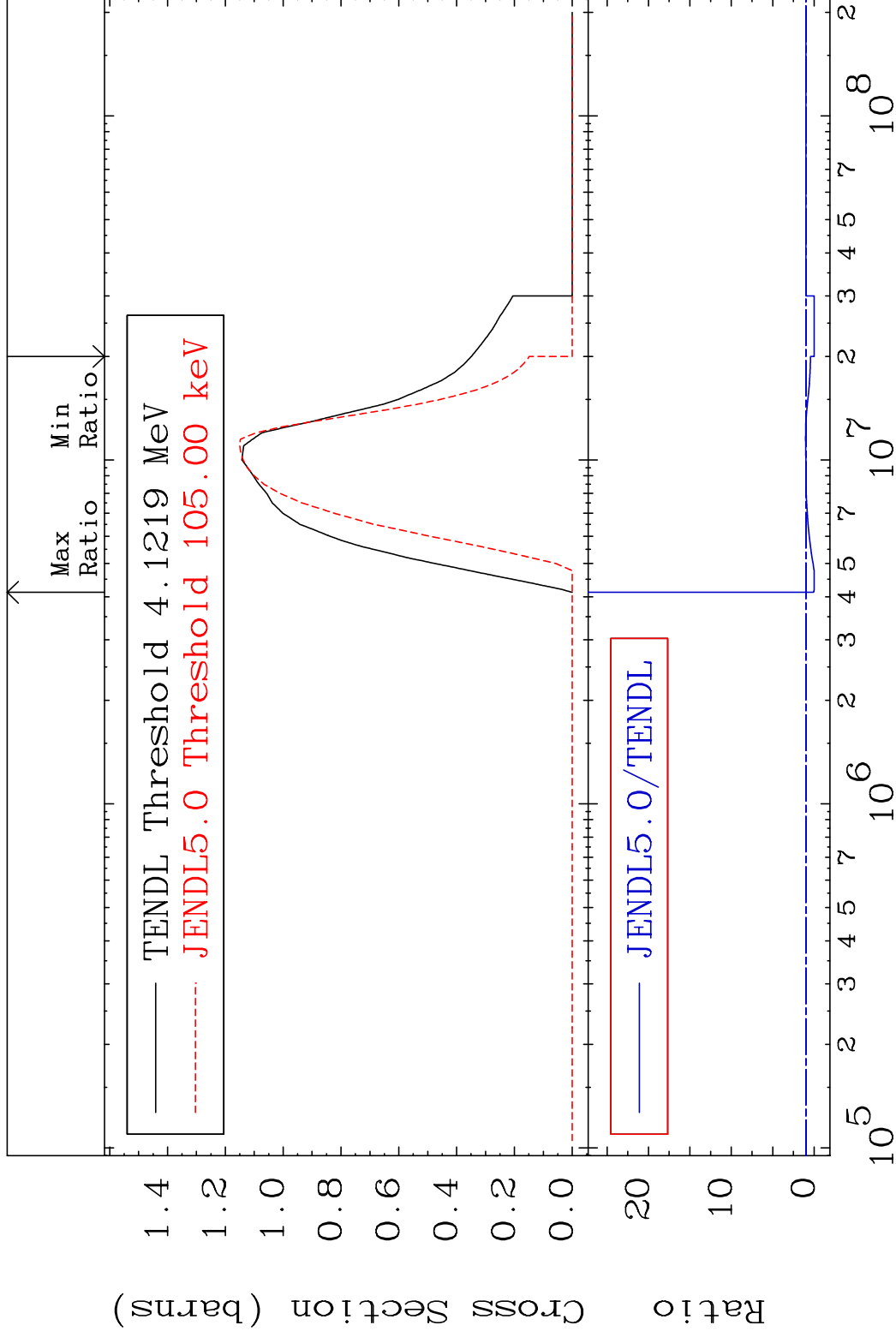


MAT 2631

(n,n') Continuum

²⁶Fe-56

Cross Section -100.0 To 1475. %



28

Incident Energy (eV)

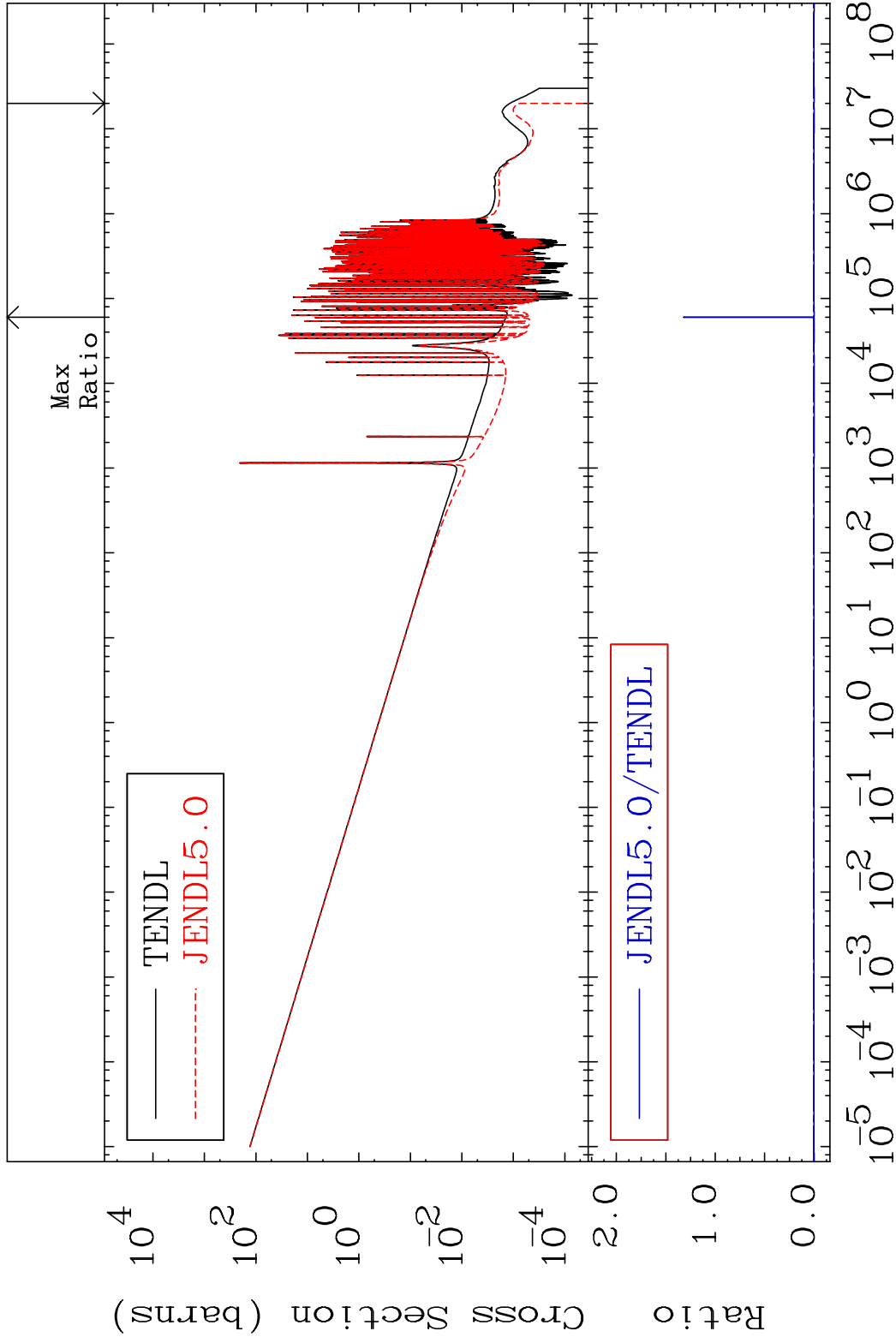
²⁶Fe-56

MAT 2631

(n, γ)

²⁶Fe-56

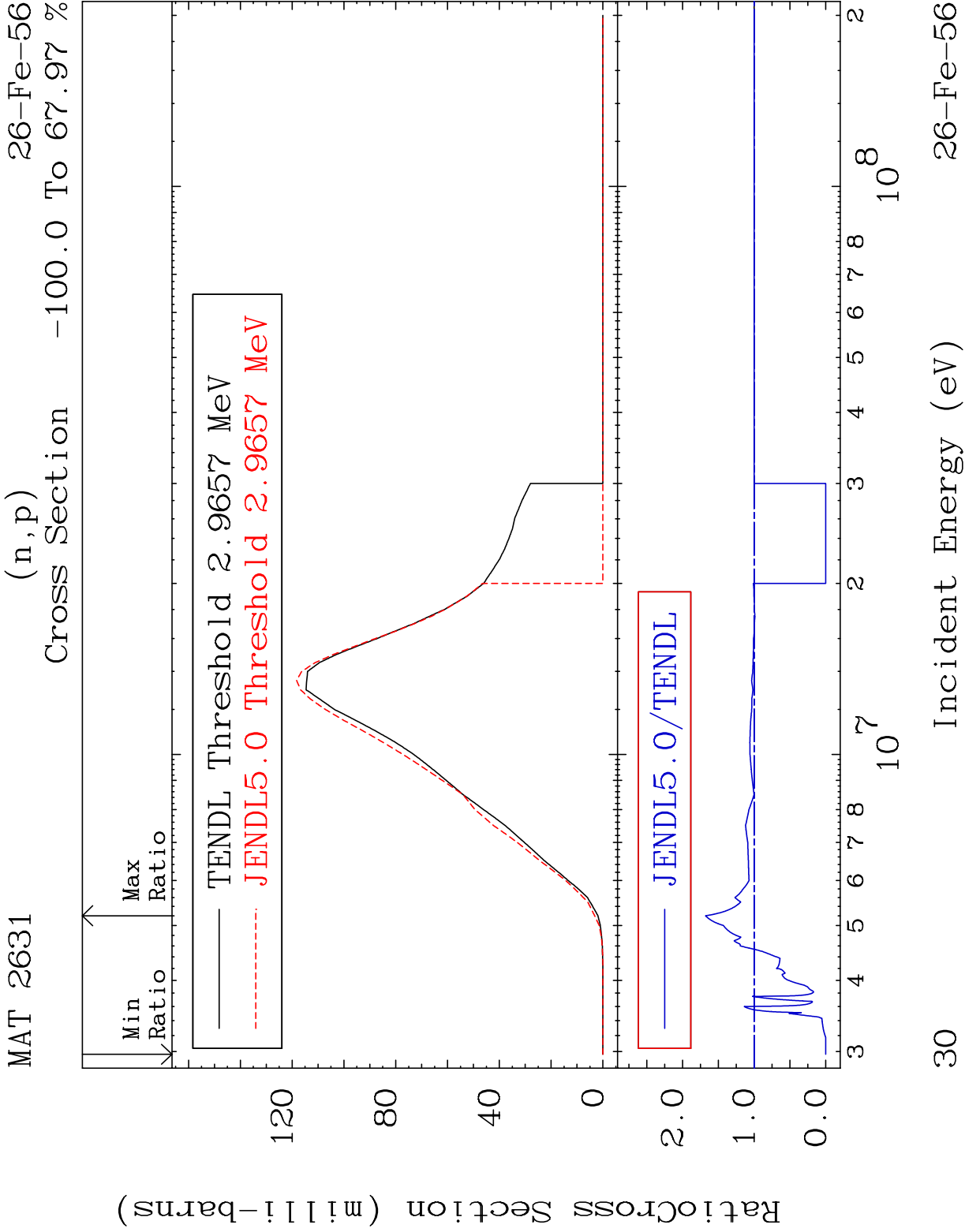
Cross Section -100.0 To 9999. %



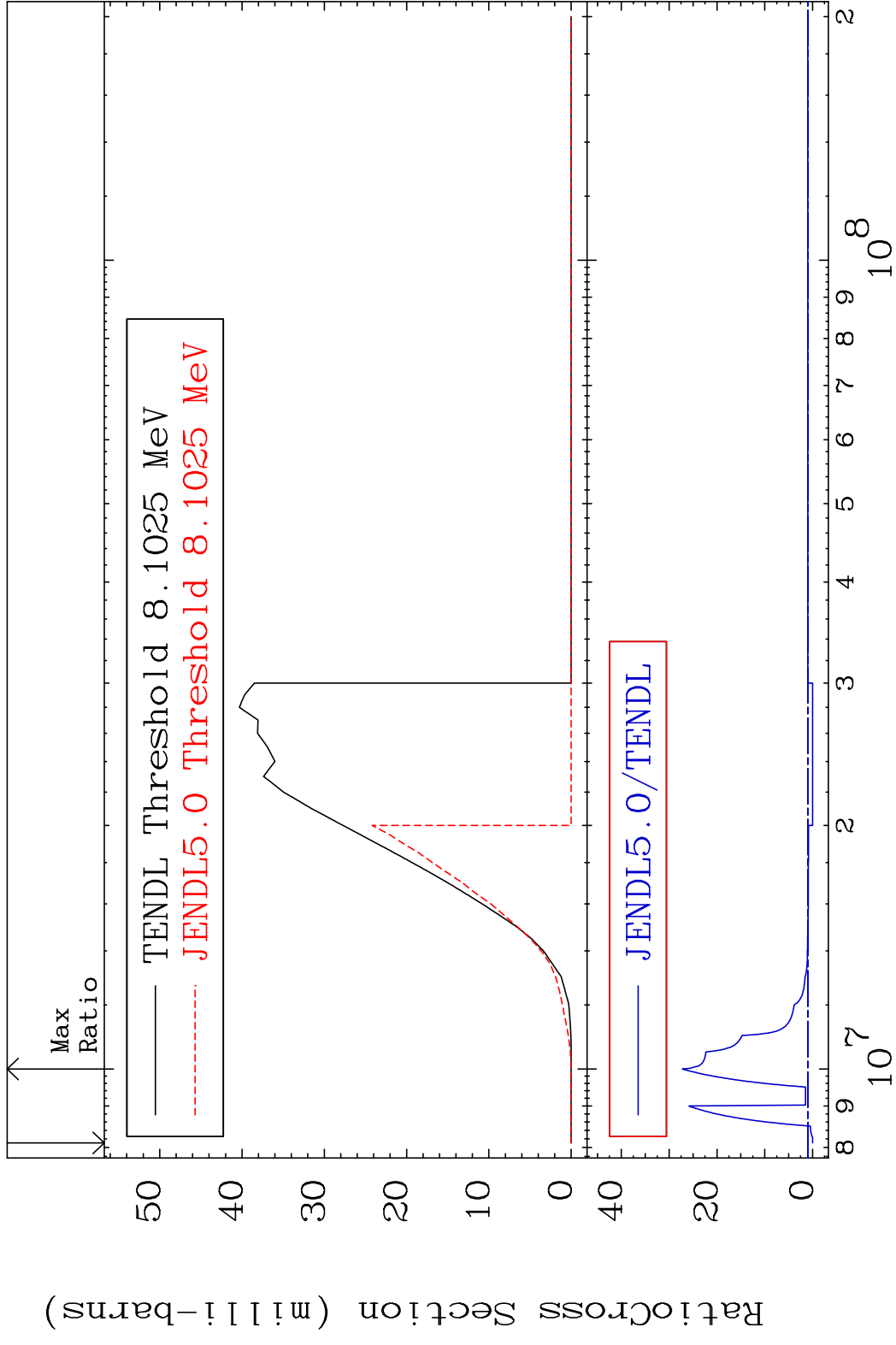
29

Incident Energy (eV)

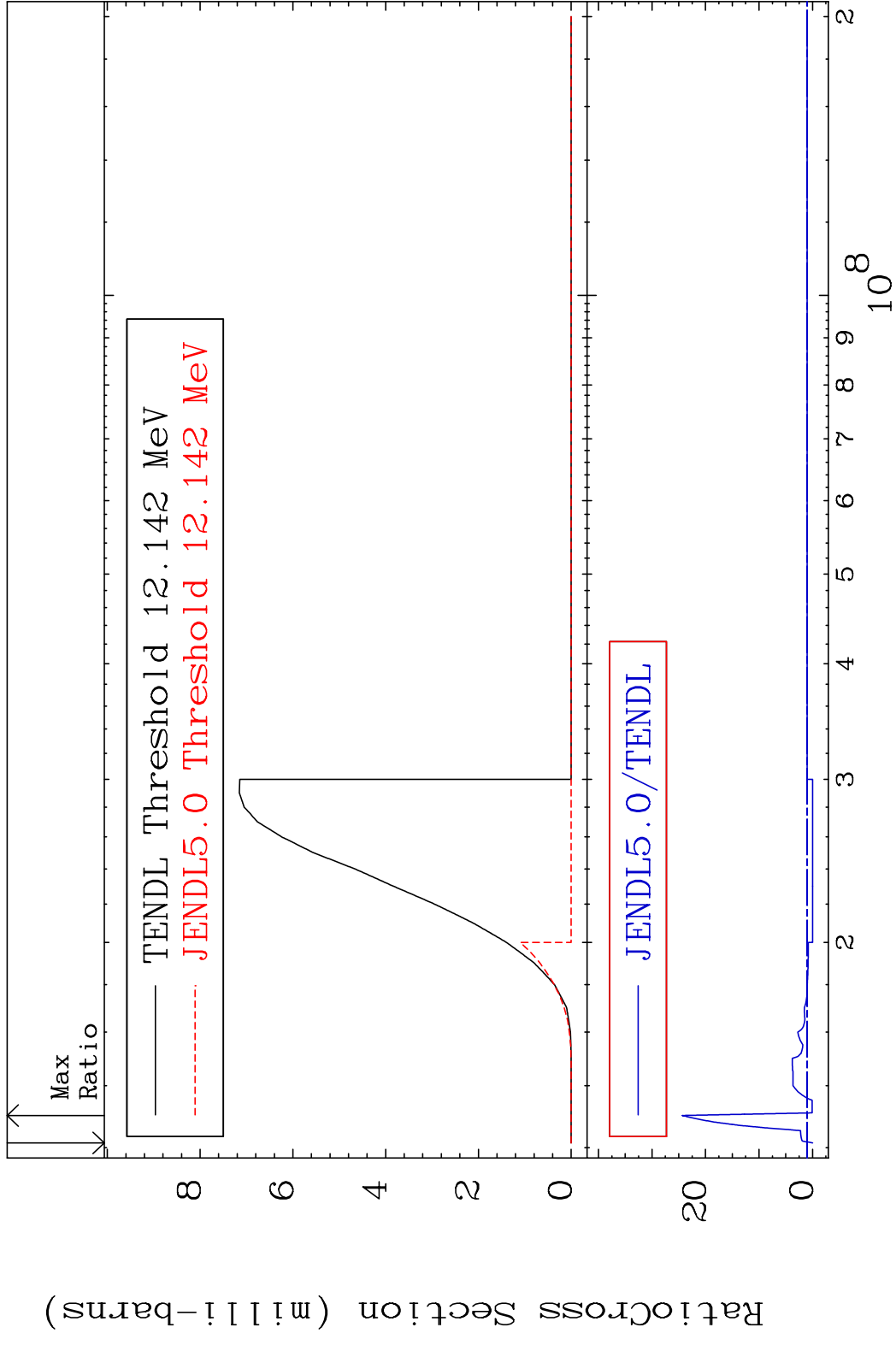
²⁶Fe-56



MAT 2631 (n,d) 26-Fe-56
 Cross Section -100.0 To 2624. %

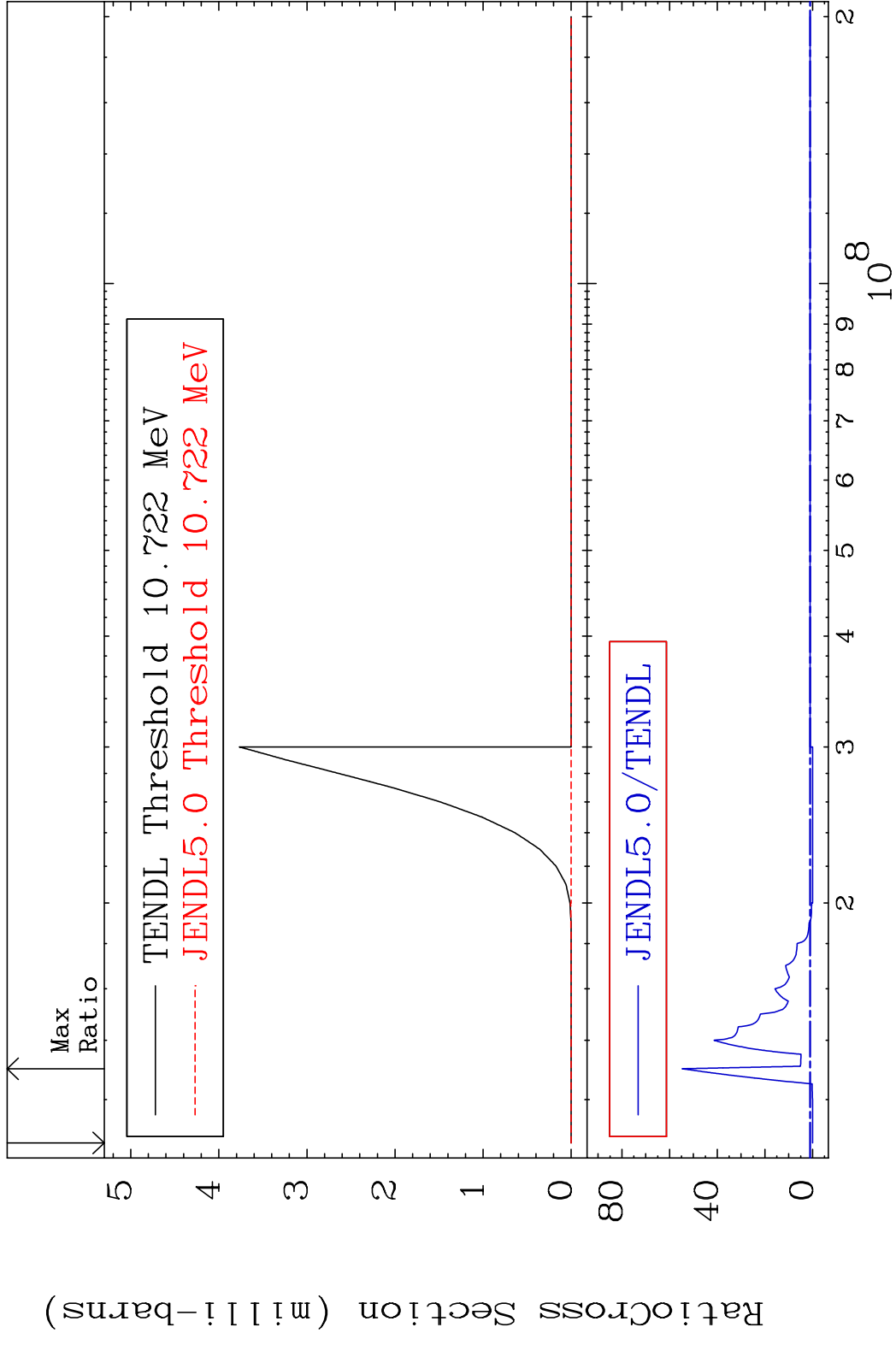


MAT 2631 (n, t) 26-Fe-56
 Cross Section -100.0 To 2332. %



32 26-Fe-56

MAT 2631 (n, He-3) ²⁶Fe-56
 Cross Section -100.0 To 5364. %

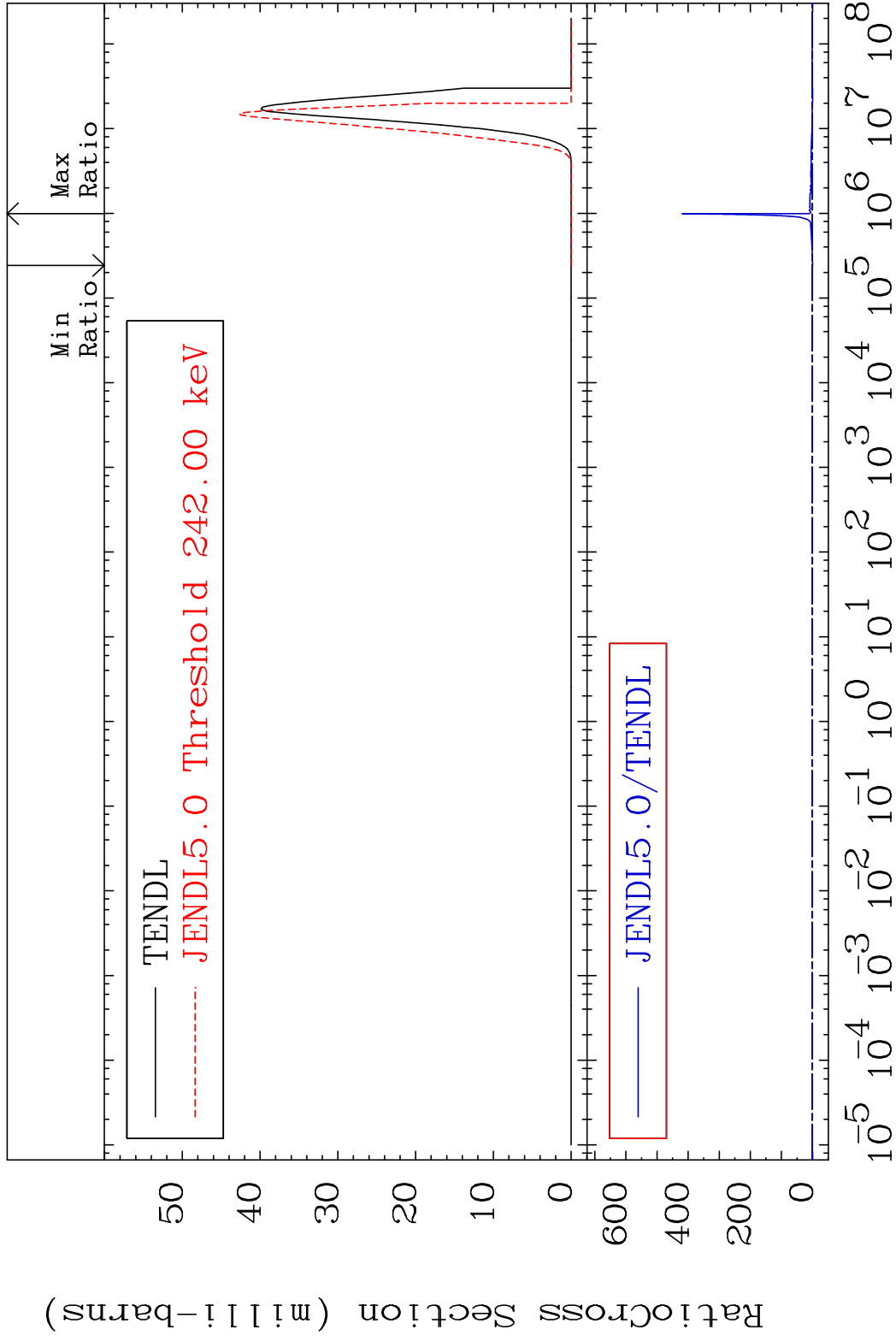


MAT 2631

(n, α)

26-Fe-56

Cross Section -100.0 To 9999. %

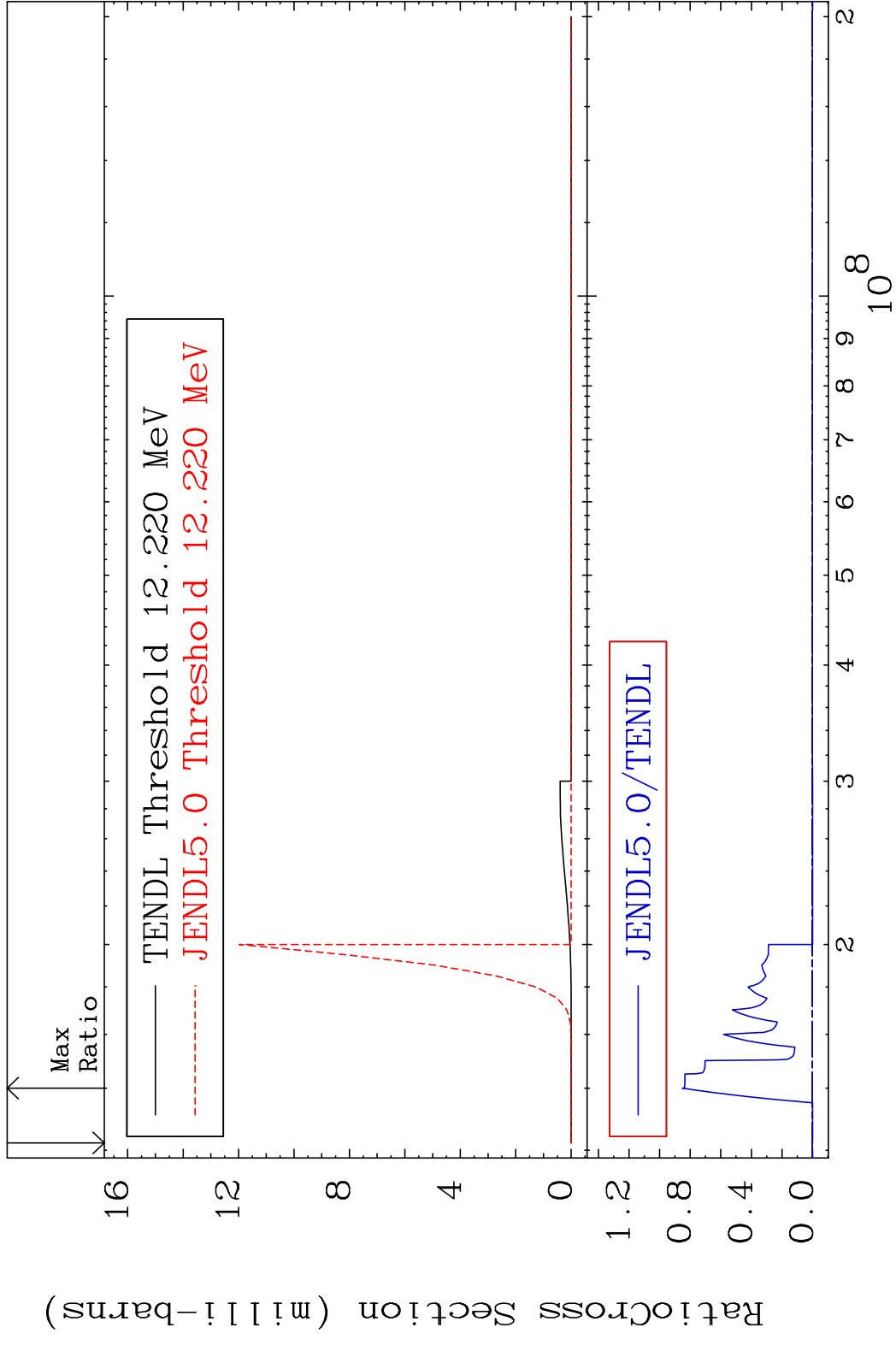


34

Incident Energy (eV)

26-Fe-56

MAT 2631 (n,2p) 26-Fe-56
 Cross Section -100.0 To 9999. %

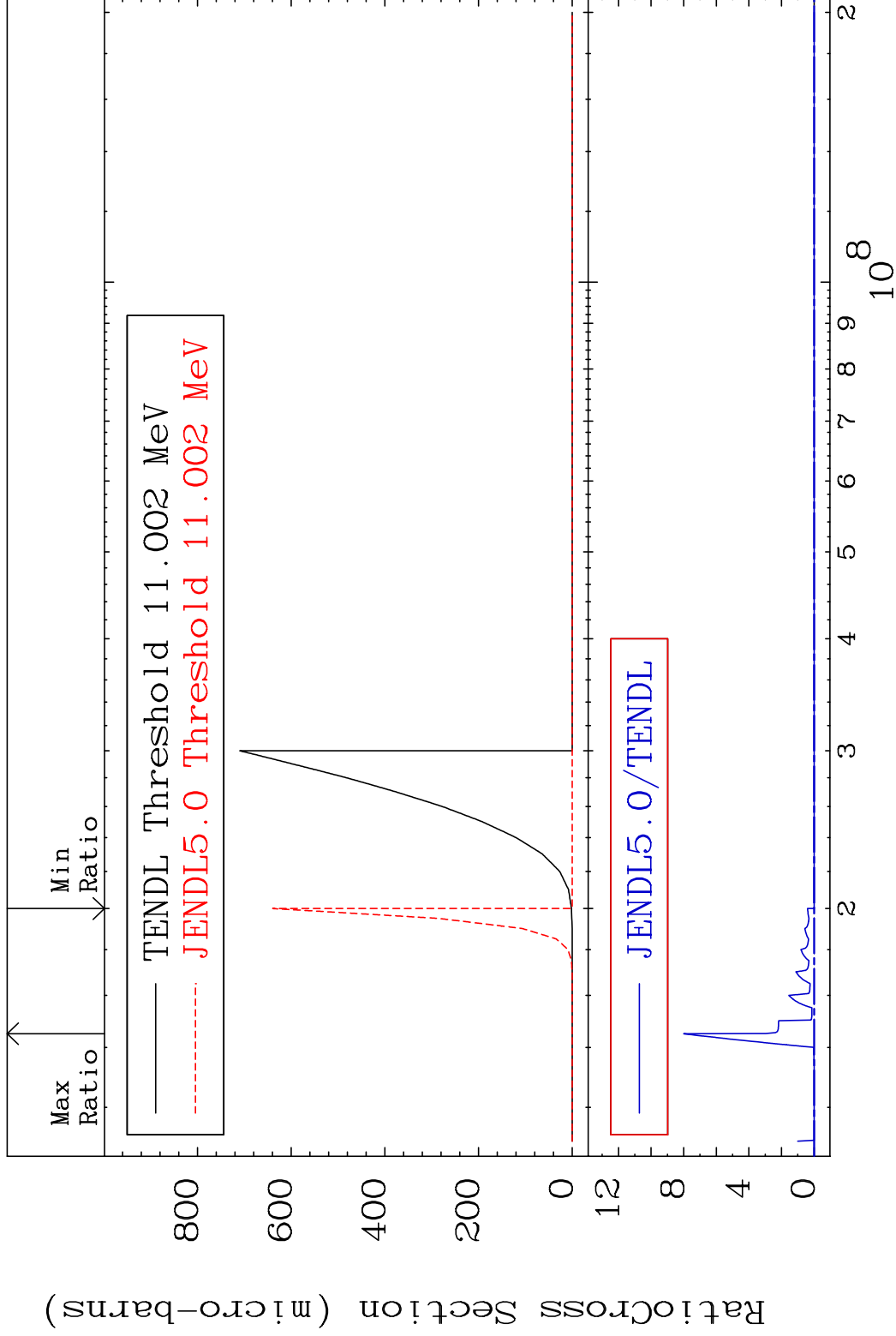


MAT 2631

(n,p) α

²⁶Fe-56

Cross Section -100.0 To 9999. %

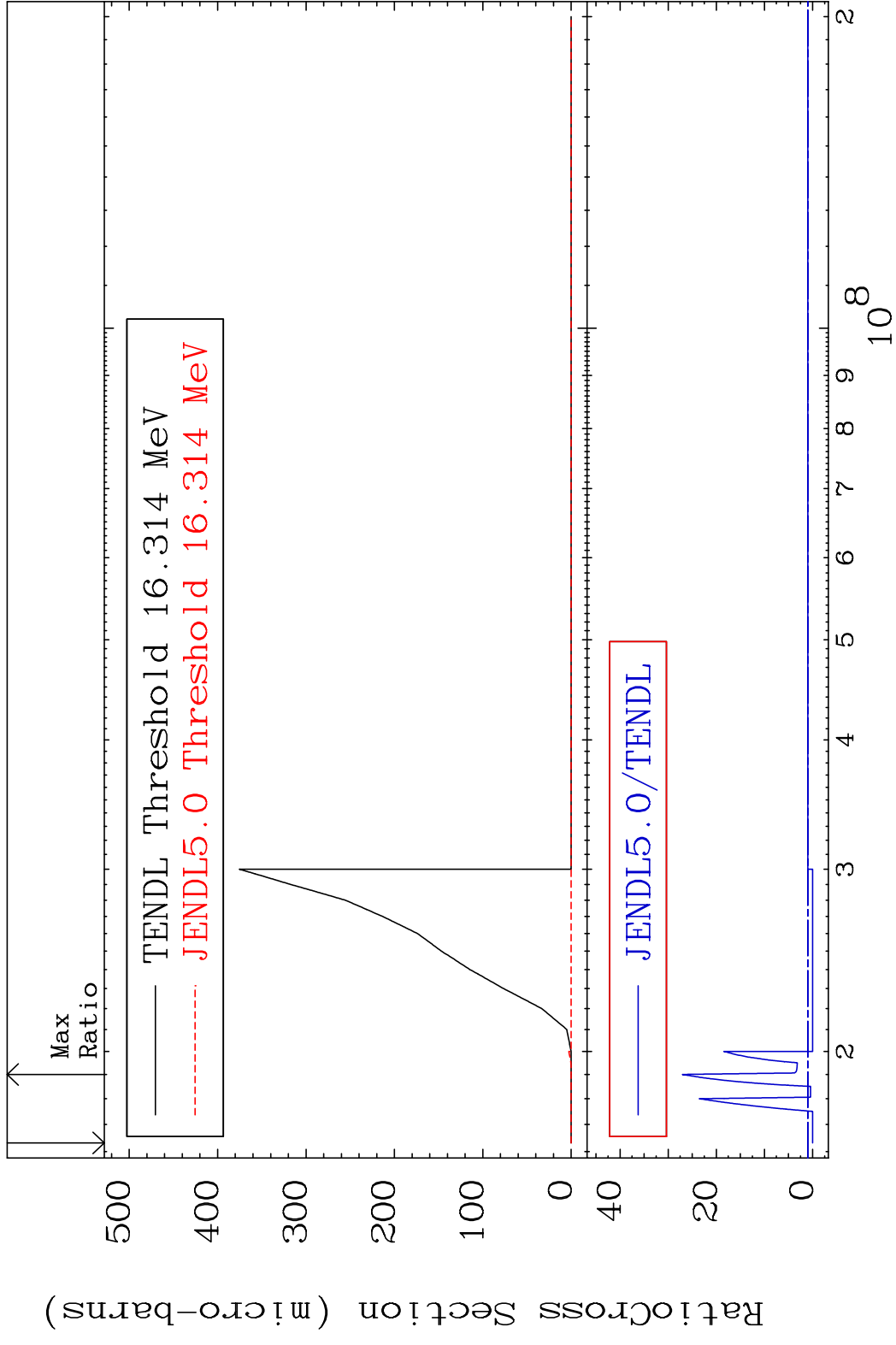


36

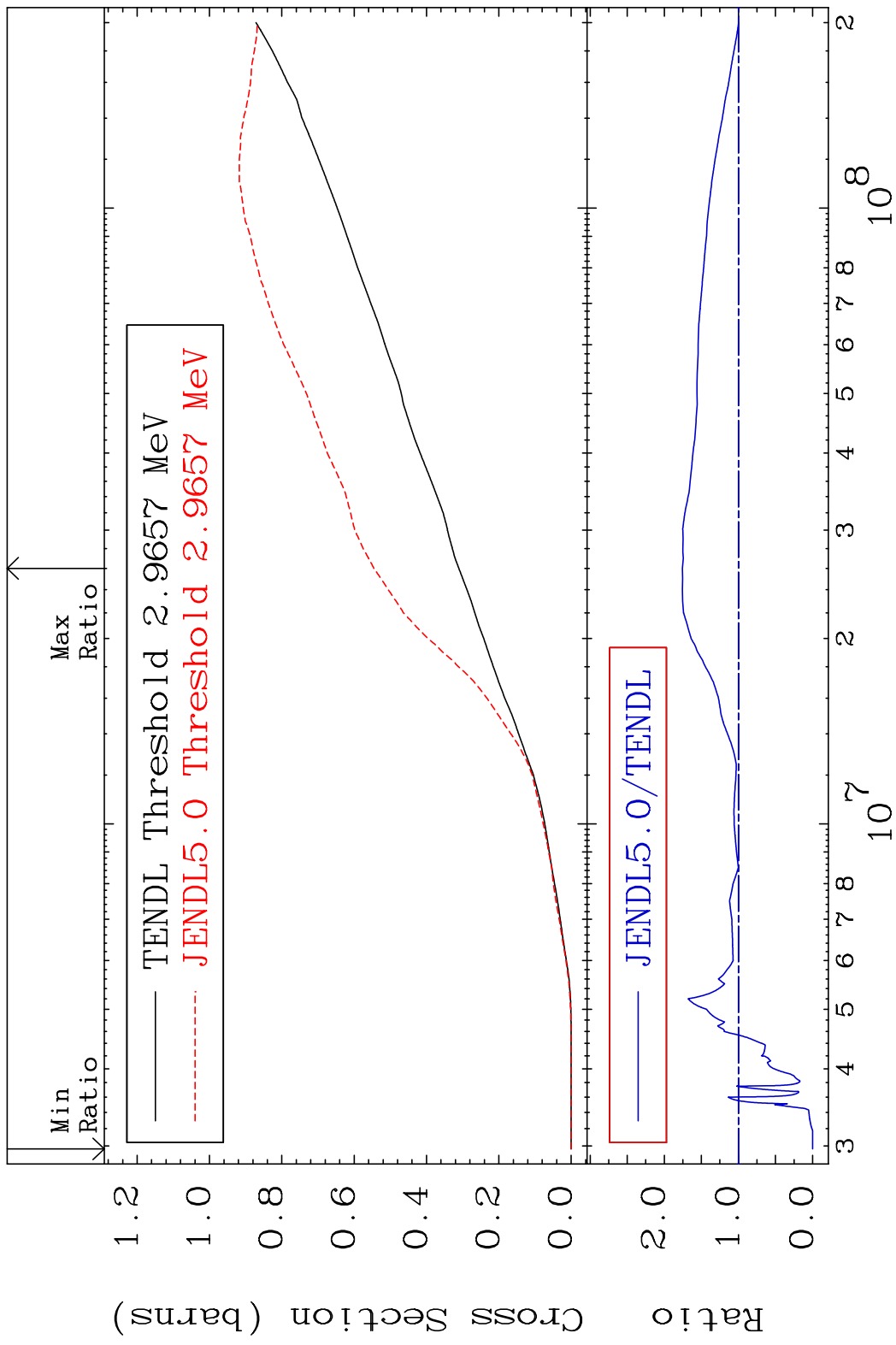
Incident Energy (eV)

²⁶Fe-56

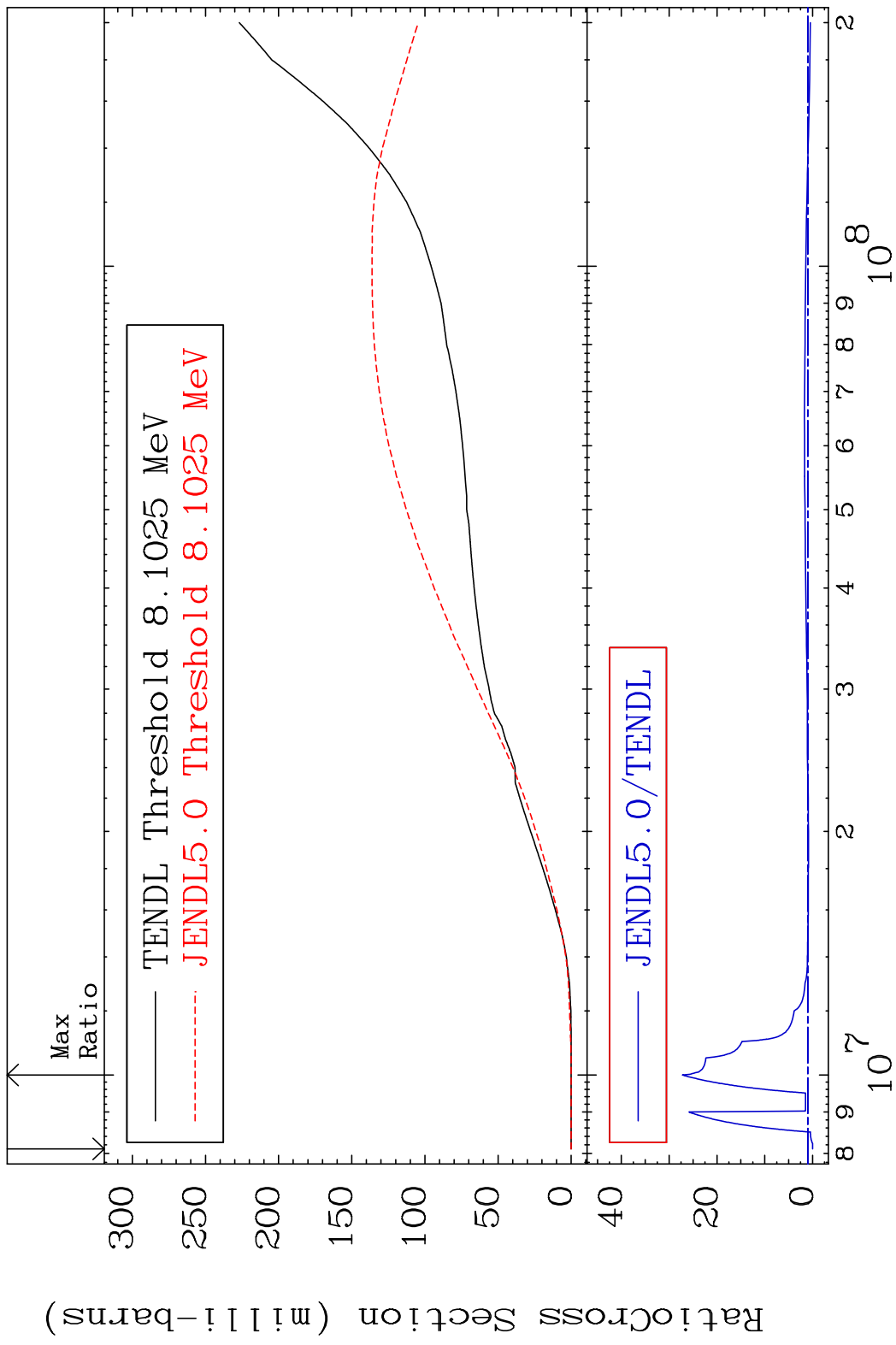
MAT 2631 (n,p) d 26-Fe-56
 Cross Section -100.0 To 2605. %



MAT 2631 Hydrogen Production ²⁶Fe-56
 Cross Section -100.0 To 75.63 %

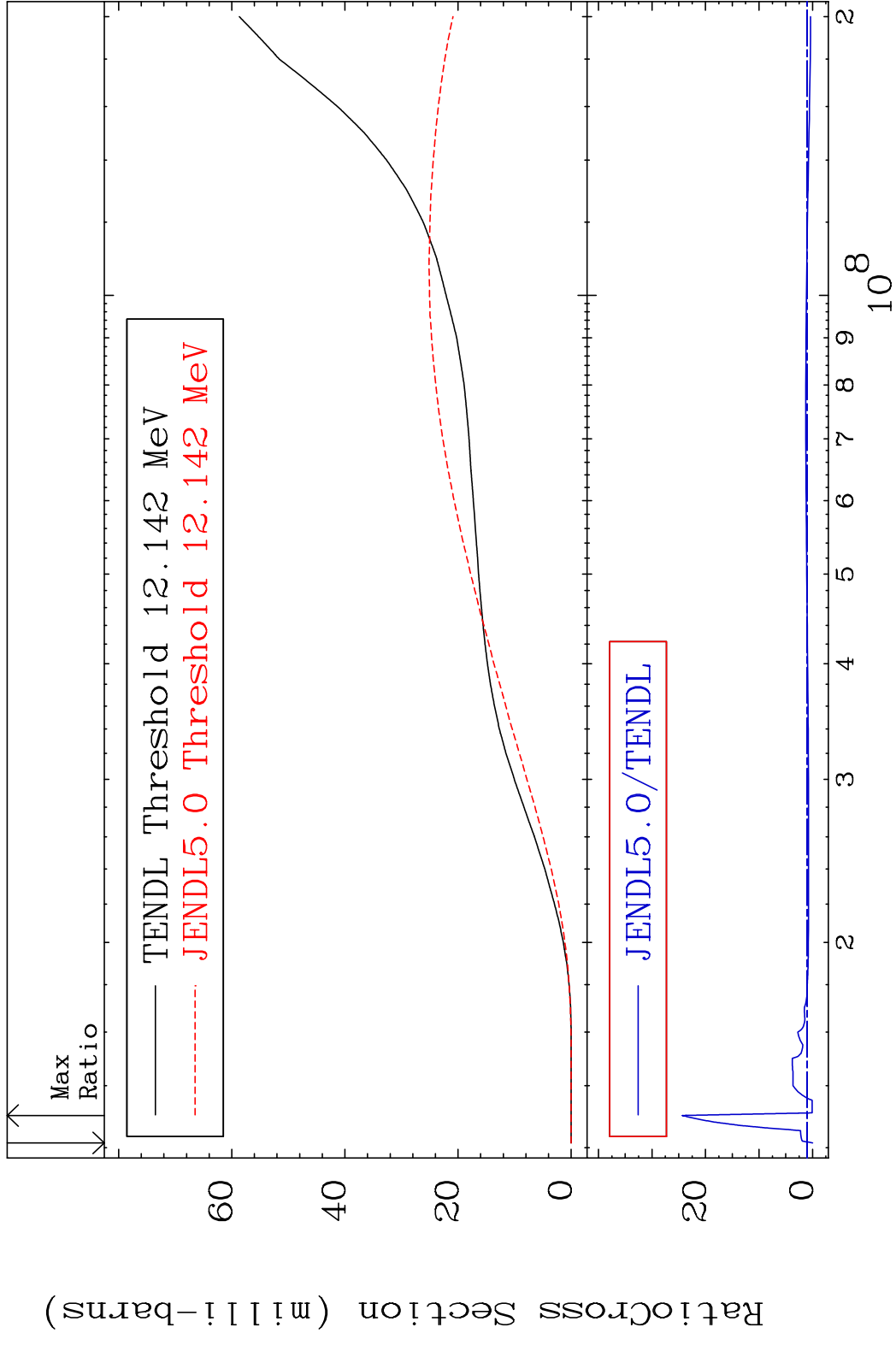


MAT 2631 Deuterium Production ²⁶Fe-56
 Cross Section -100.0 To 2624. %



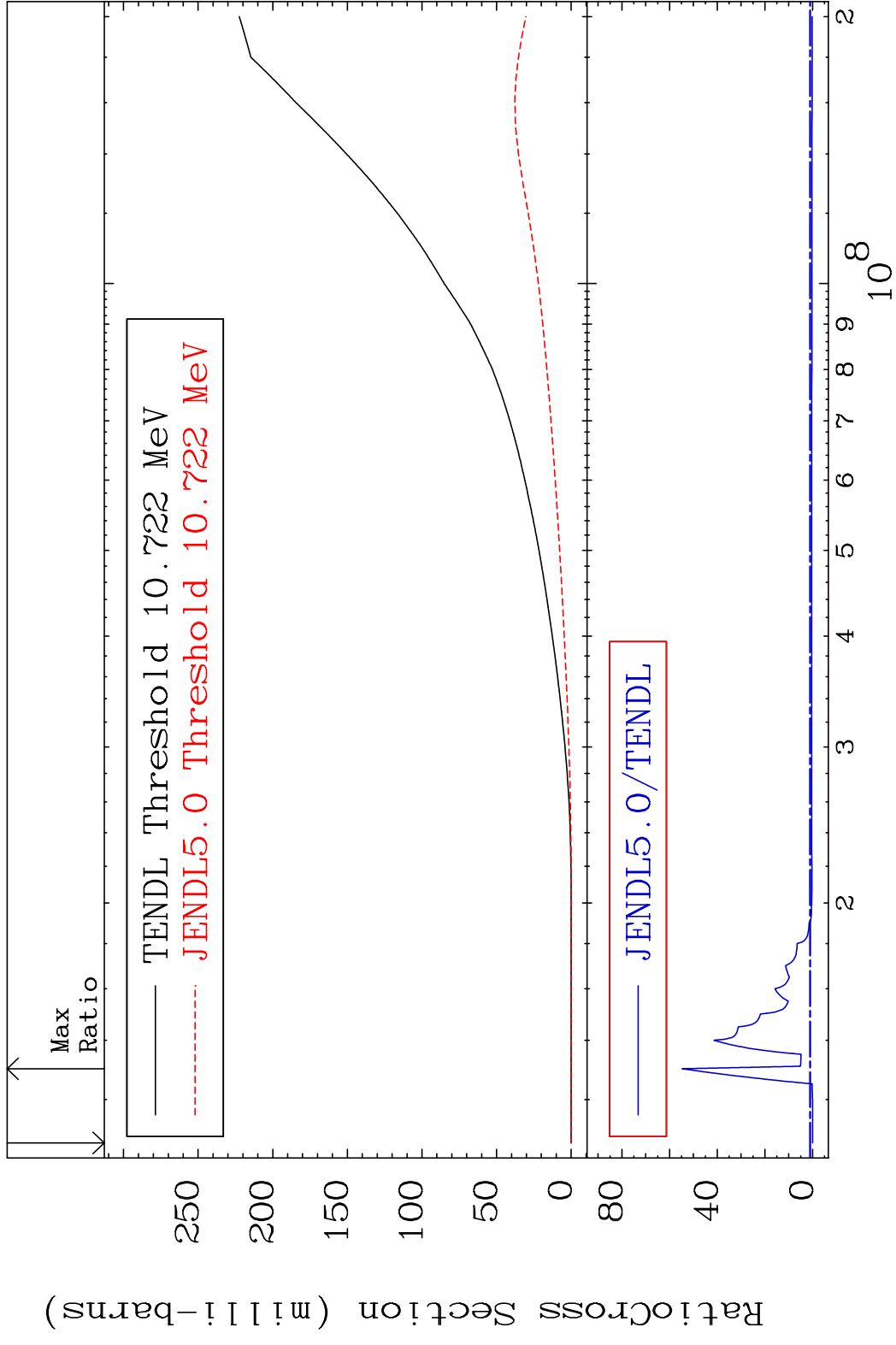
39 Incident Energy (eV) ²⁶Fe-56

MAT 2631 Tritium Production 26-Fe-56
 Cross Section -100.0 To 2332. %



40 20 0 60 40 20 0 2 3 4 5 6 7 8 9 10⁸ 26-Fe-56

MAT 2631 He-3 Production 26-Fe-56
 Cross Section -100.0 To 5364. %



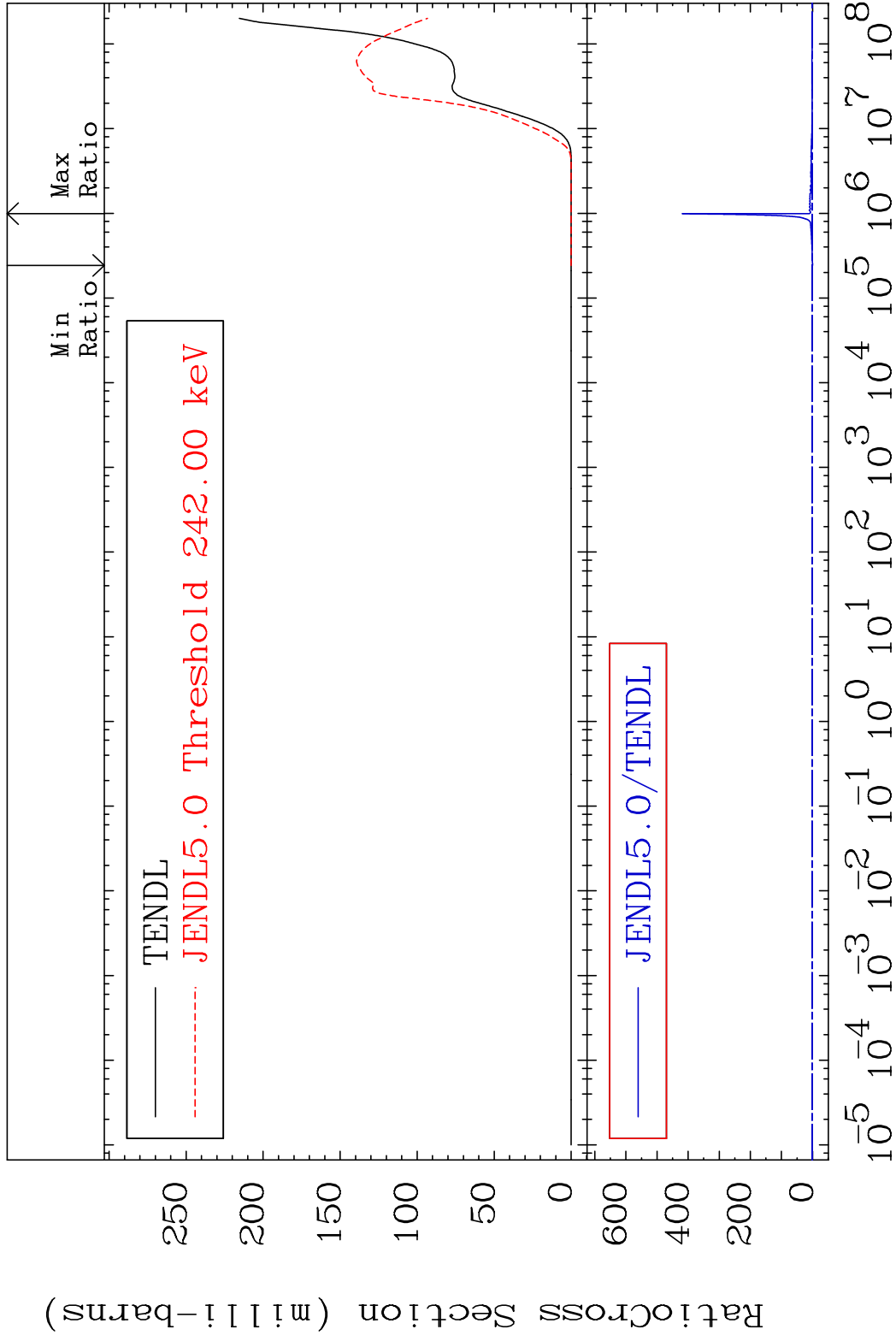
41 Incident Energy (eV) 26-Fe-56

MAT 2631

He-4 Production

²⁶Fe-56

Cross Section -100.0 To 9999. %

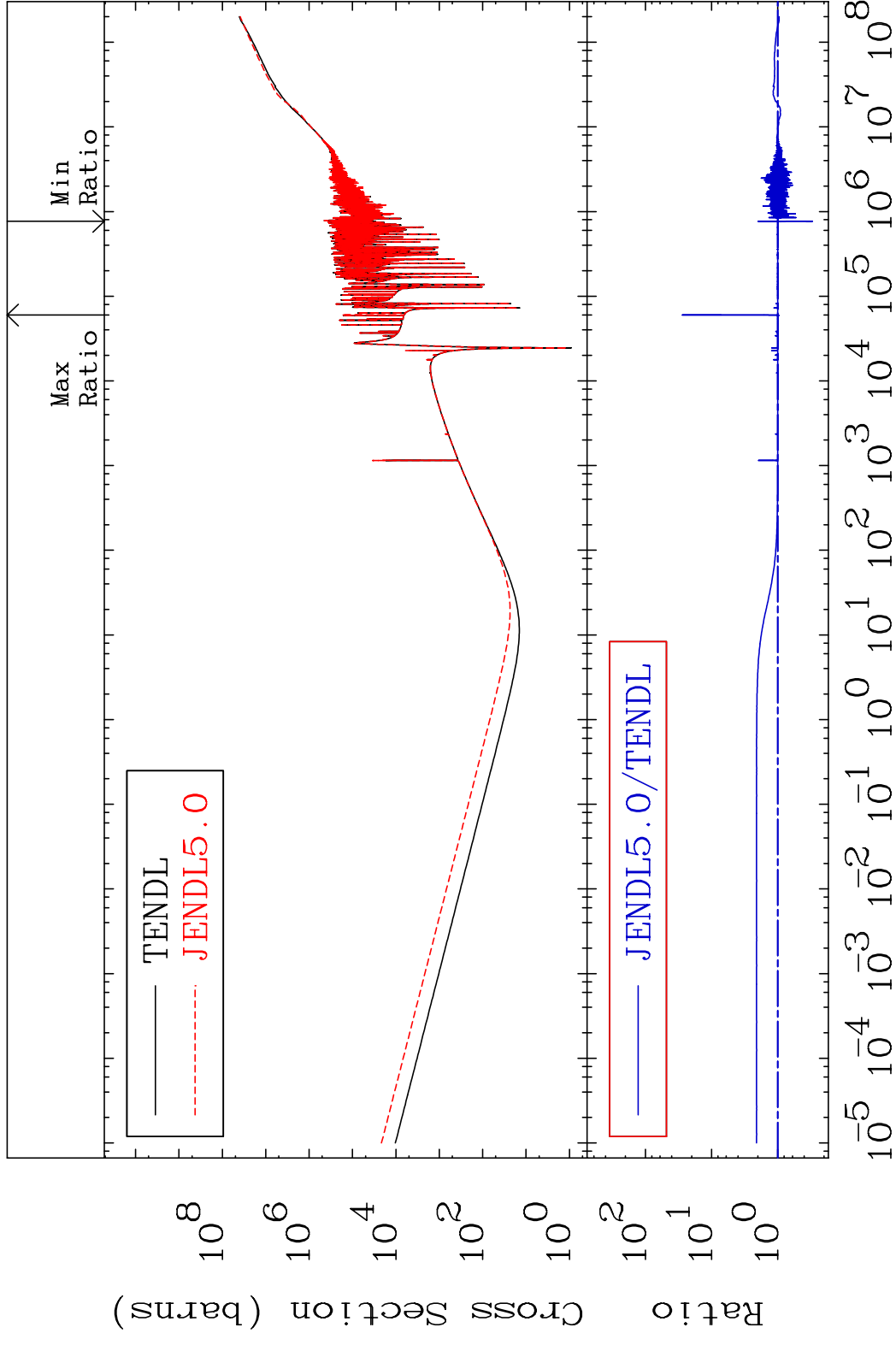


42

Incident Energy (eV)

²⁶Fe-56

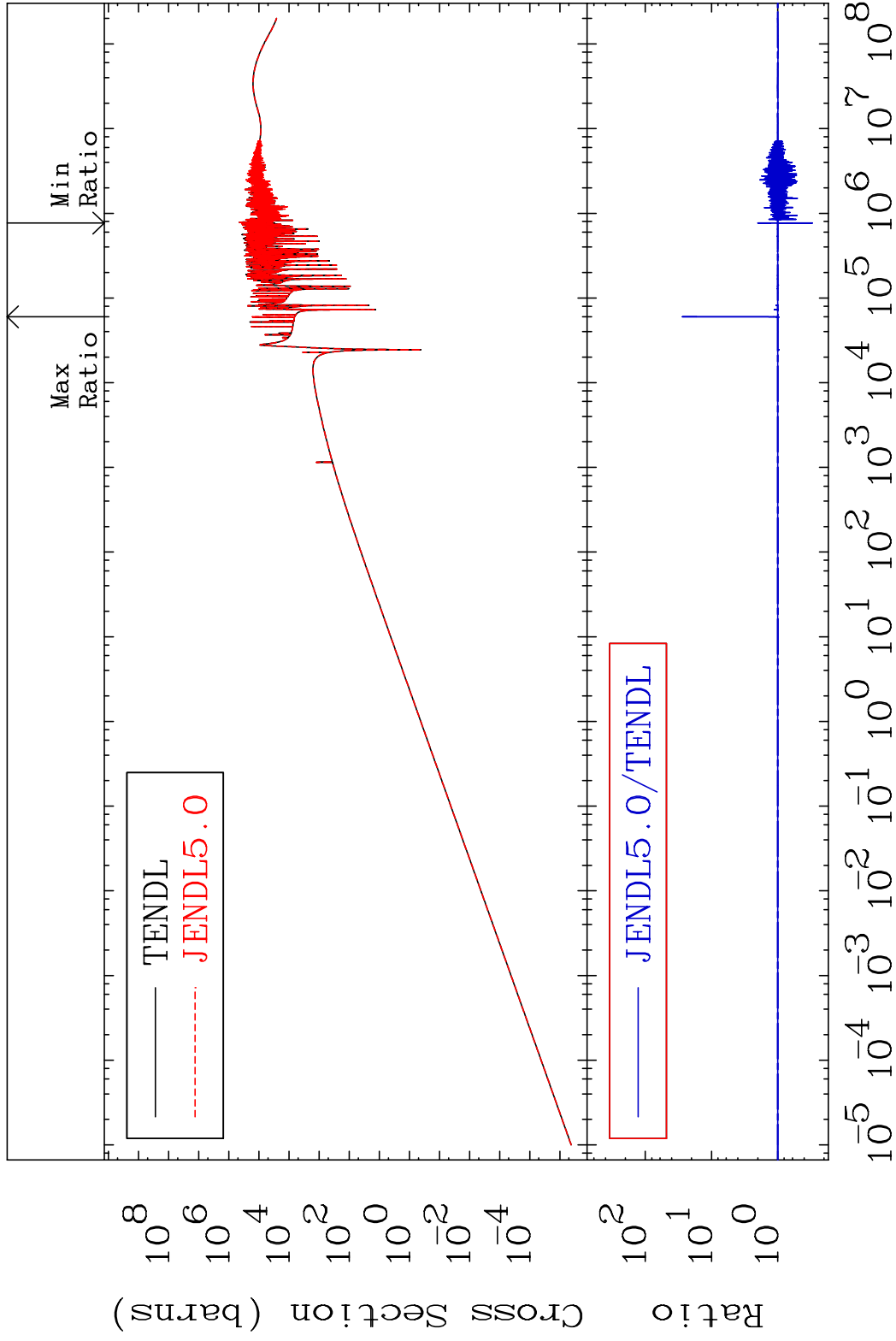
MAT 2631 Kerma total (eV-barns) 26-Fe-56
 Cross Section -70.17 To 2664. %



MAT 2631

Kerma elastic
Cross Section

26-Fe-56
-70.17 To 2660. %

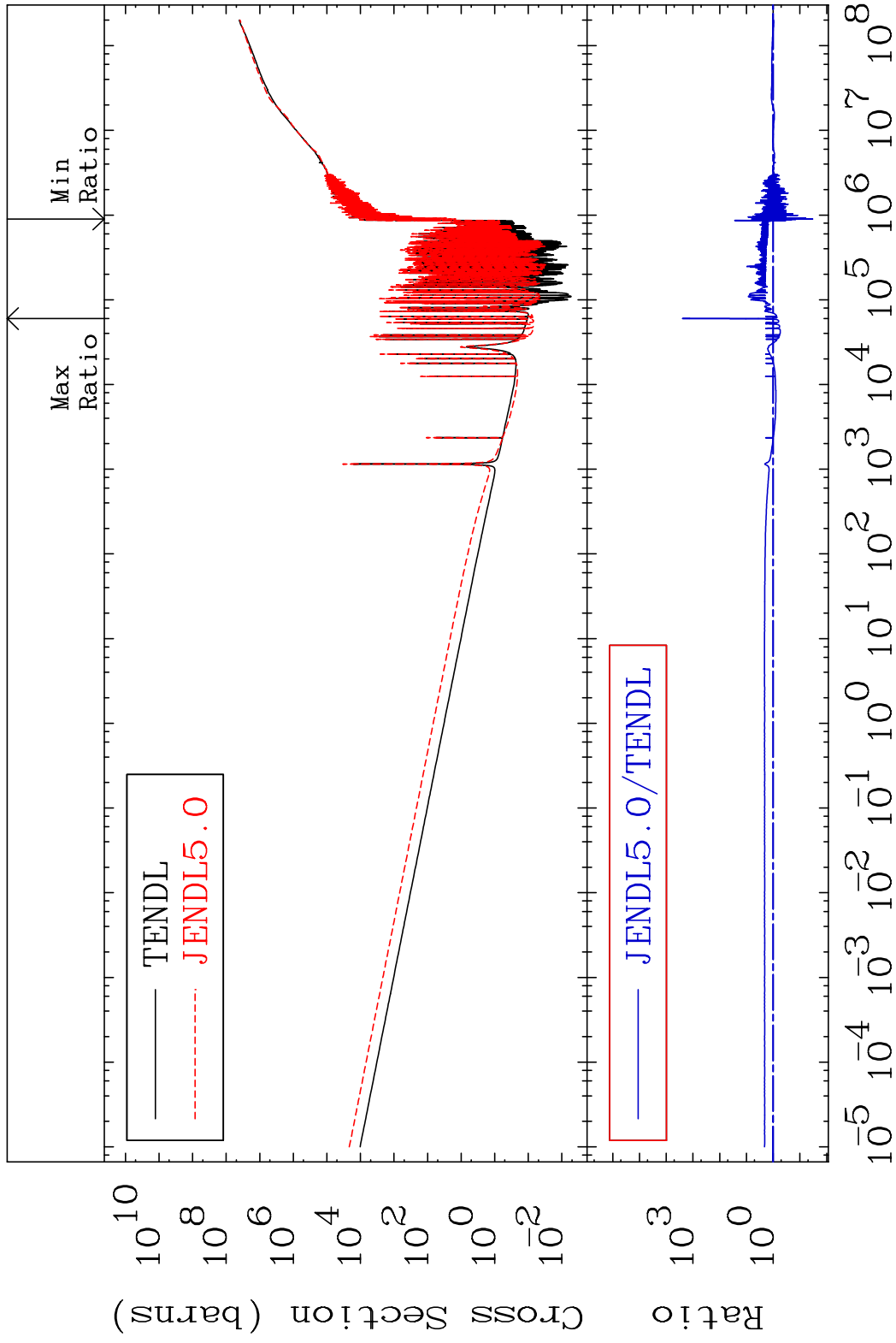


44

Incident Energy (eV)

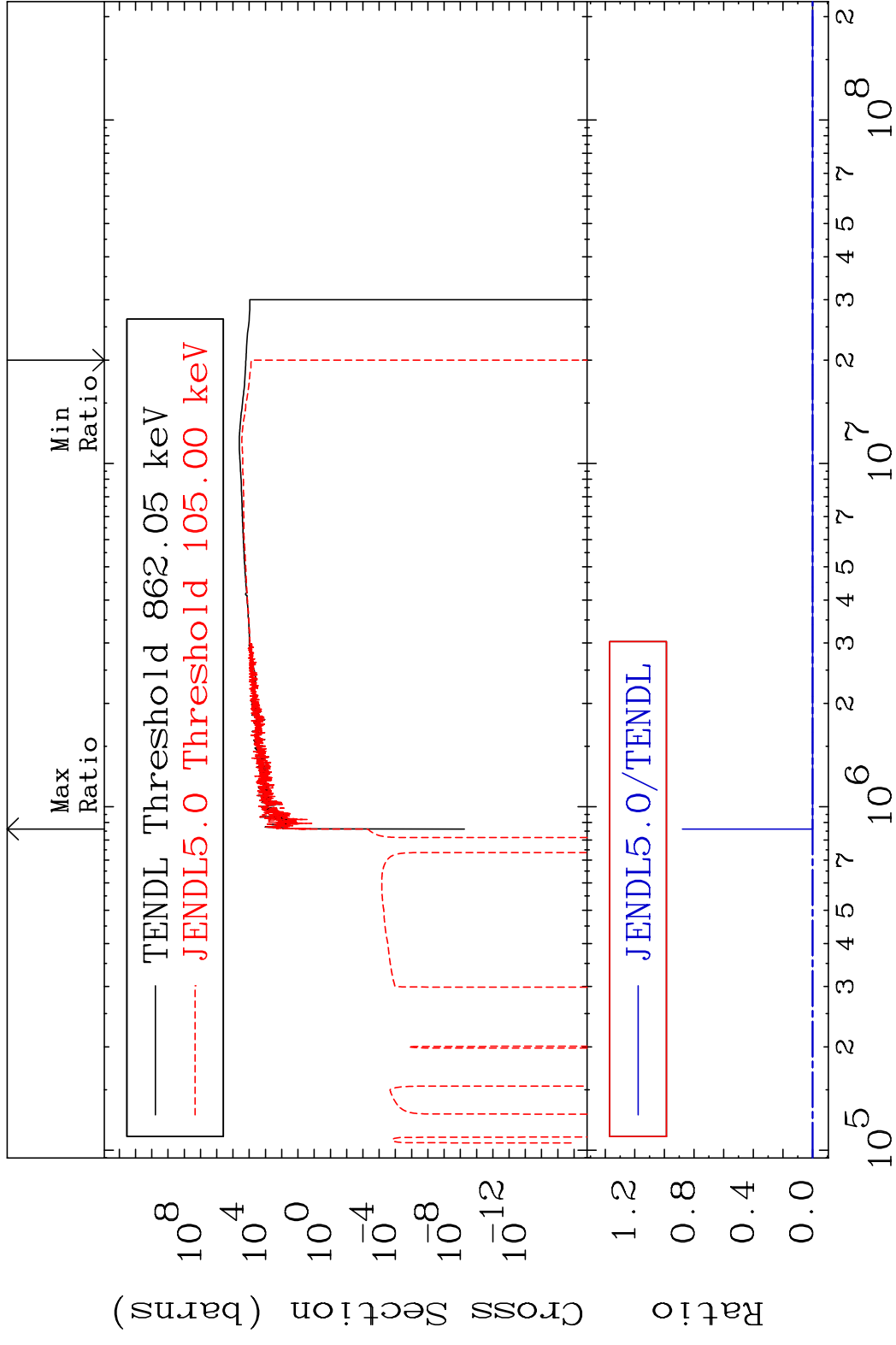
26-Fe-56

MAT 2631 Kerma non-elastic (all but mt2) 26-Fe-56
 Cross Section -96.63 To 9999. %



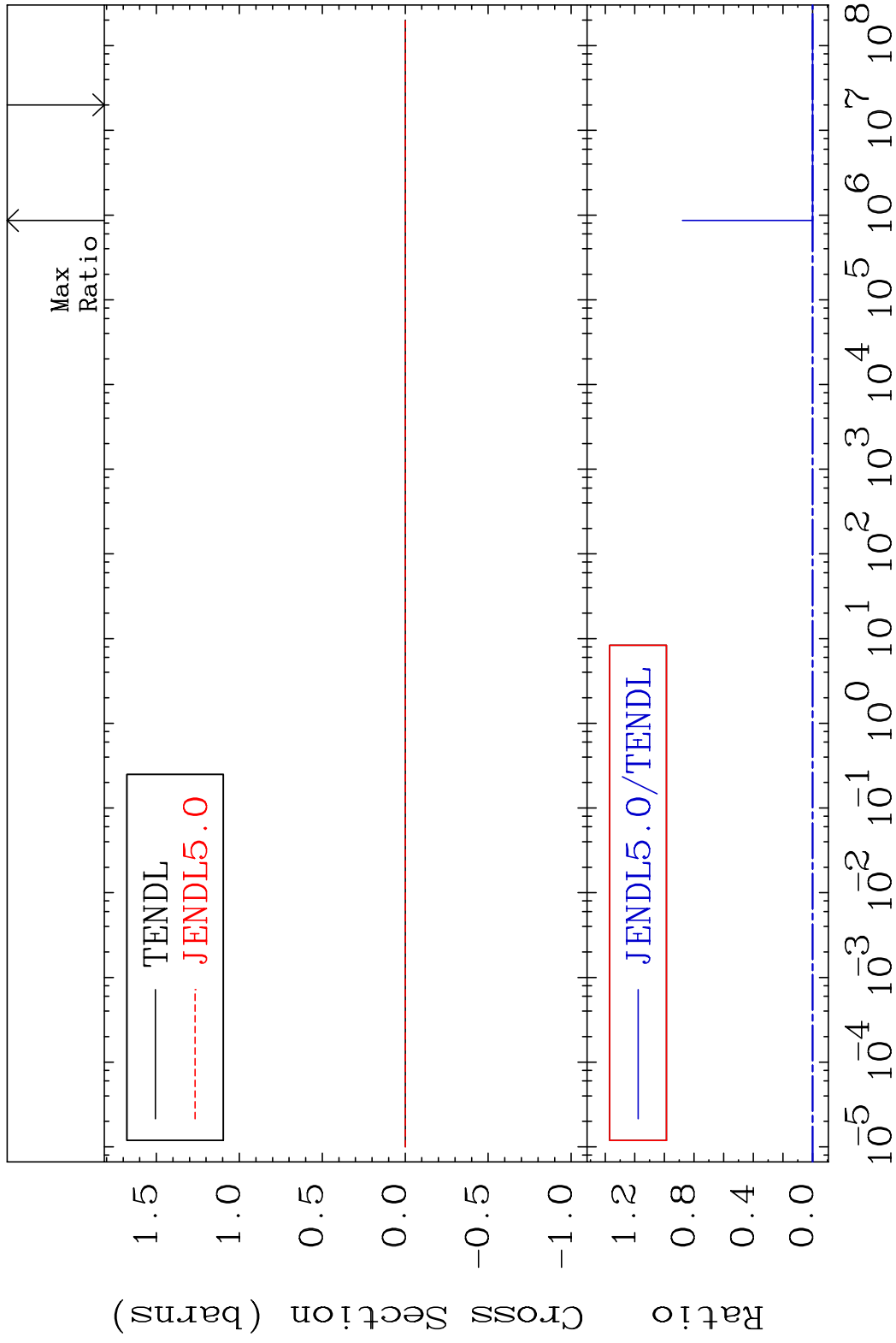
45 Incident Energy (eV) 26-Fe-56

MAT 2631 Kerma inelastic (mt51-91) 26-Fe-56
 Cross Section -100.0 To 9999. %

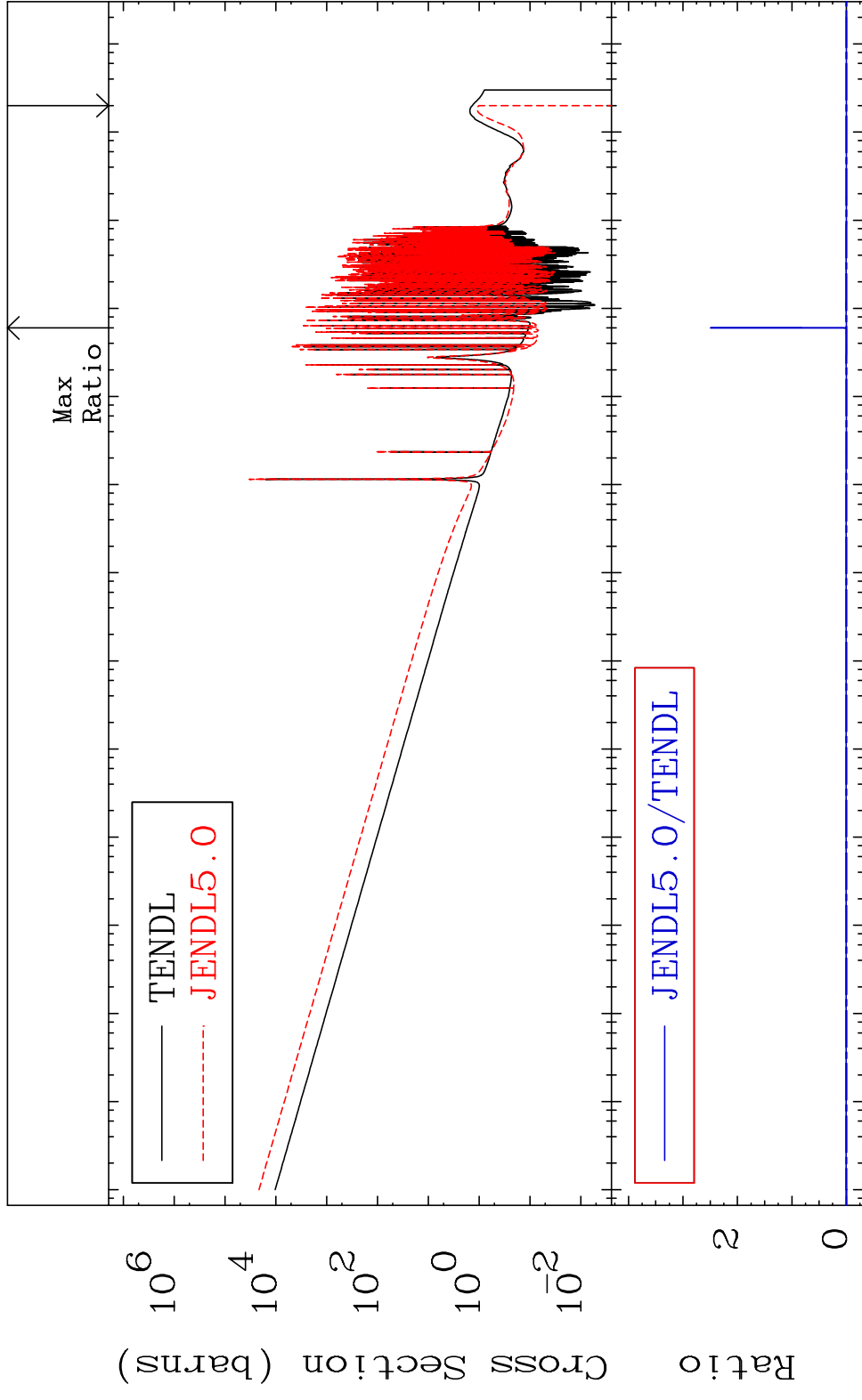


46 Incident Energy (eV) 26-Fe-56

MAT 2631 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 Kerma capture (mt102) 26-Fe-56
 Cross Section -100.0 To 9999. %

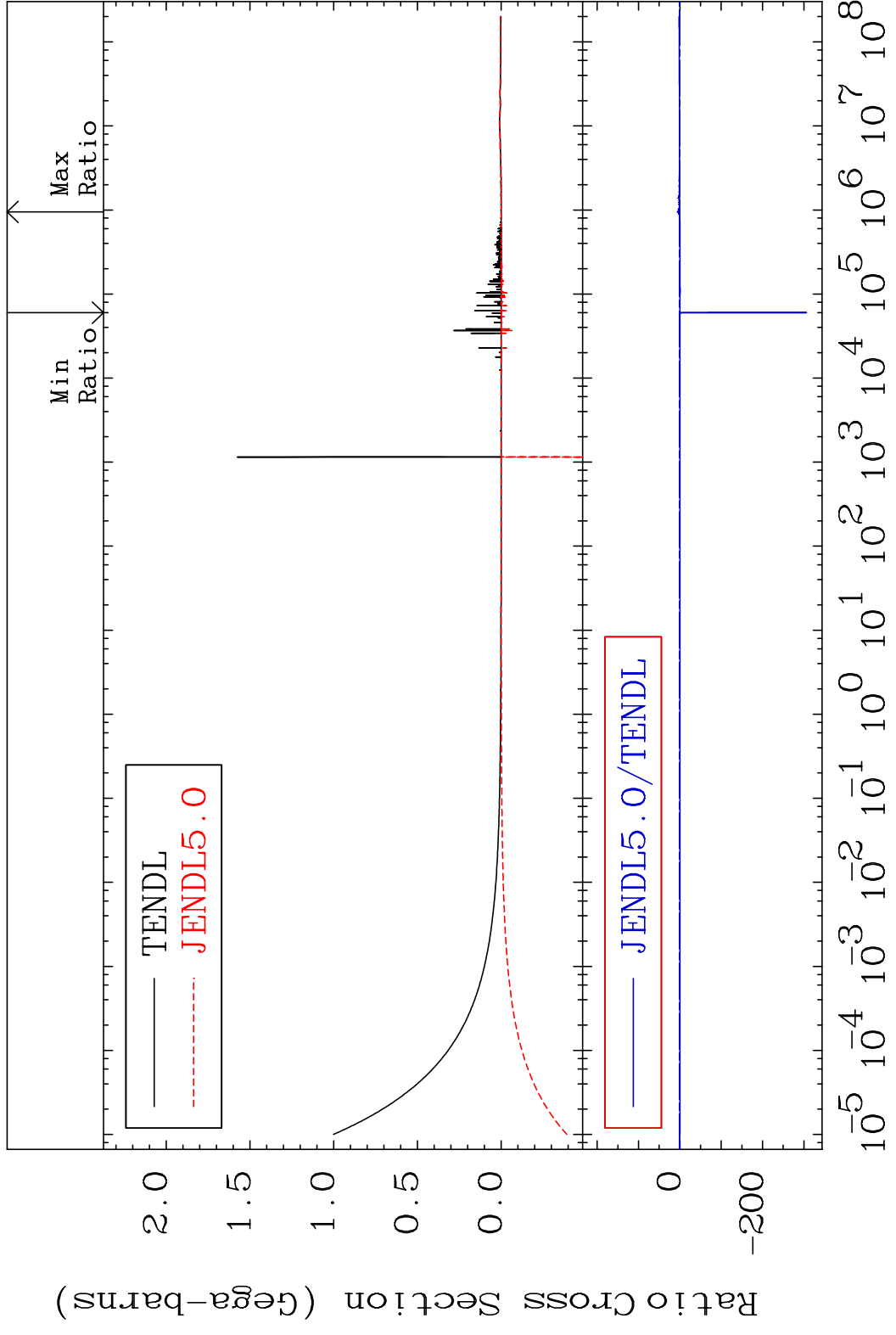


Ratio
 10⁶
 10⁴
 10²
 10⁰
 10⁻²
 2
 0

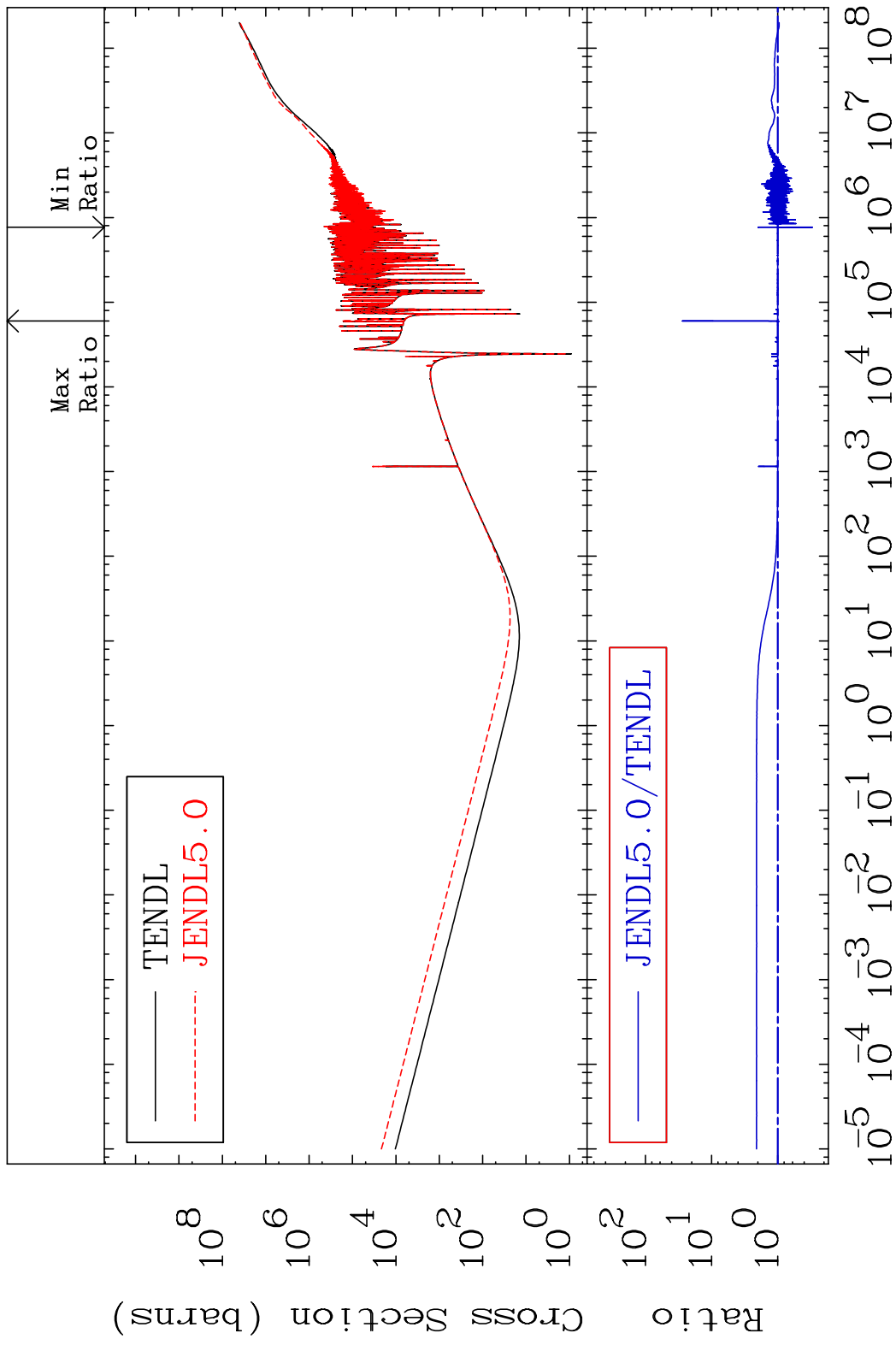
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

48 Incident Energy (eV) 26-Fe-56

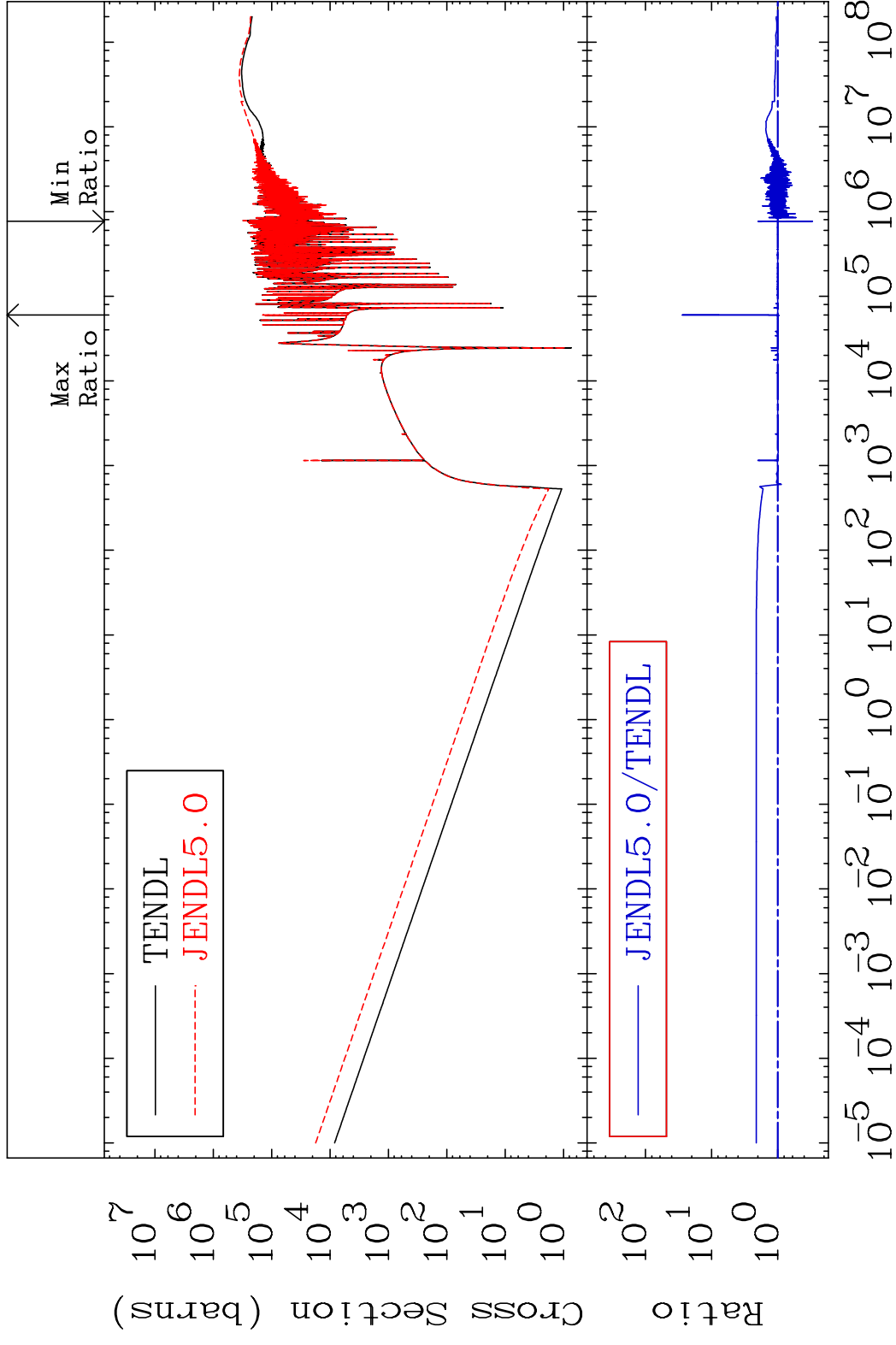
MAT 2631 Total photon (eV-barns) 26-Fe-56
Cross Section -9999. To 541.7 %



MAT 2631 Total kinematic kerma (high limit) 26-Fe-56
 Cross Section -70.17 To 2664. %



MAT 2631 Dpa total (eV-barns) 26-Fe-56
 Cross Section -70.17 To 2664. %

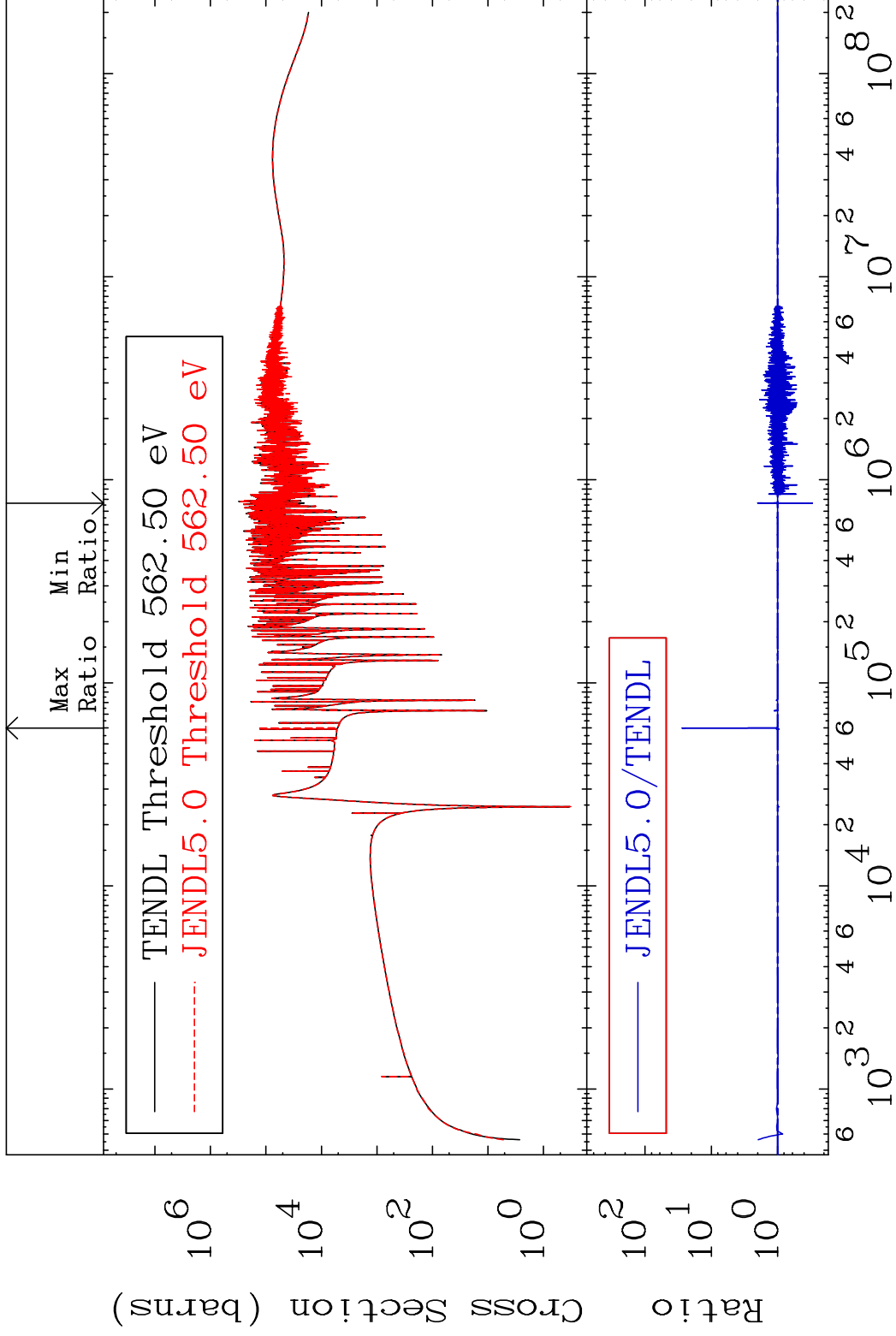


MAT 2631

Dpa elastic (mt2)

26-Fe-56

Cross Section -70.17 To 2660. %

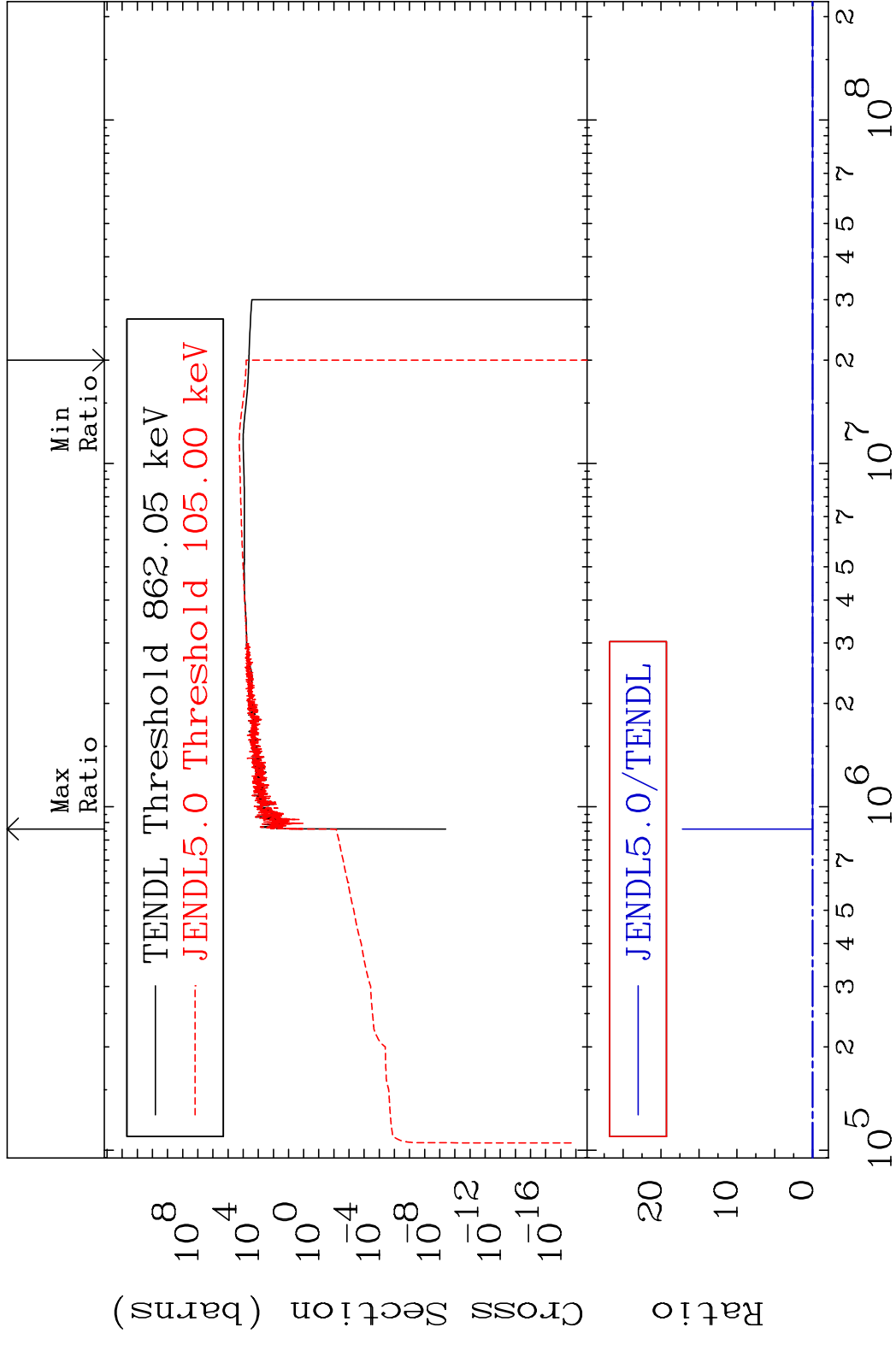


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Incident Energy (eV)

26-Fe-56

MAT 2631 Dpa inelastic (mt51-91) 26-Fe-56
 Cross Section -100.0 To 9999. %



53 Incident Energy (eV) 26-Fe-56

MAT 2631 Dpa disappearance (mt102 -120) 26-Fe-56
Cross Section -100.0 To 9999. %

