

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

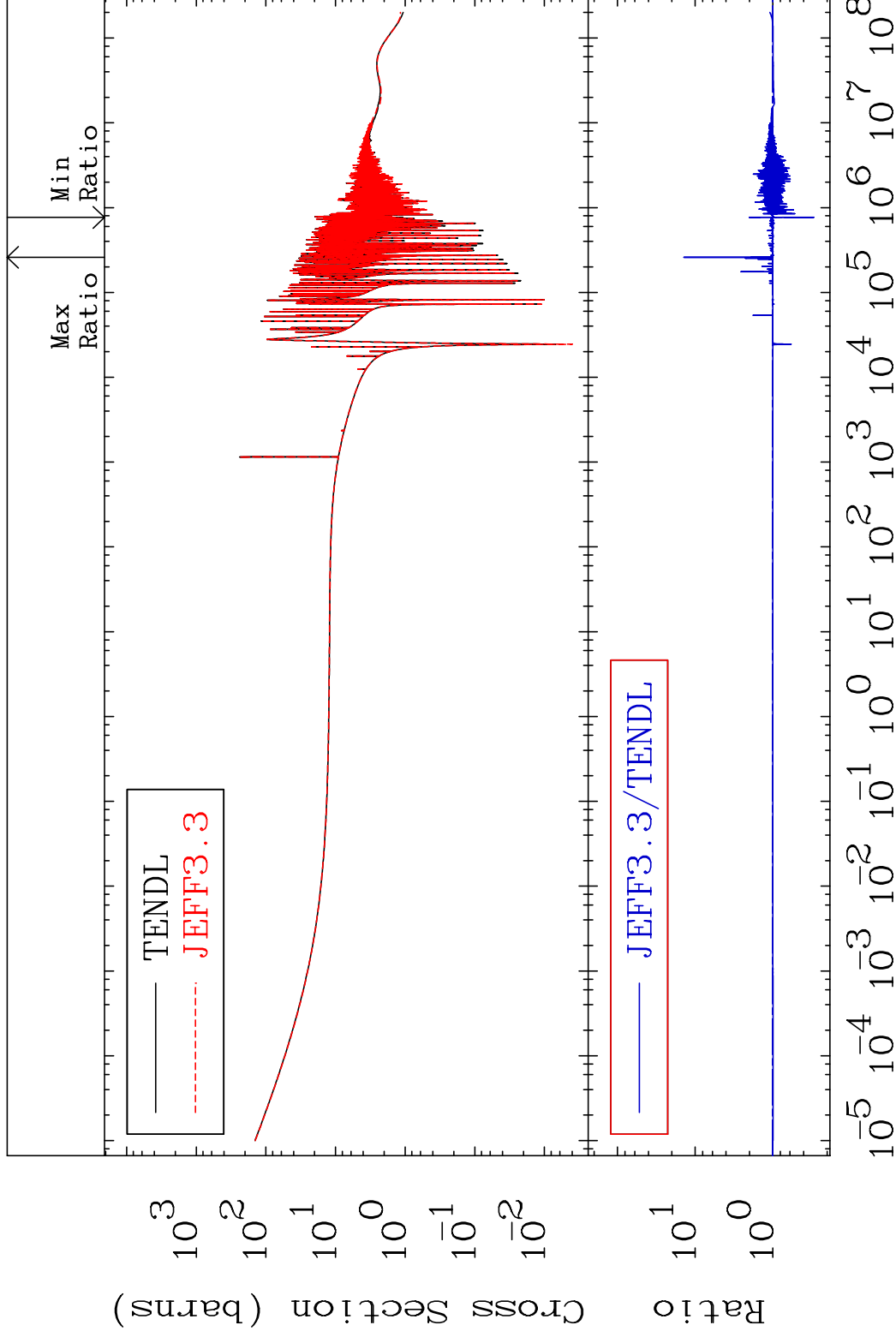
MAT 2631

Total

26-Fe-56

Cross Section

-70.62 To 1307. %



1

Incident Energy (eV)

26-Fe-56

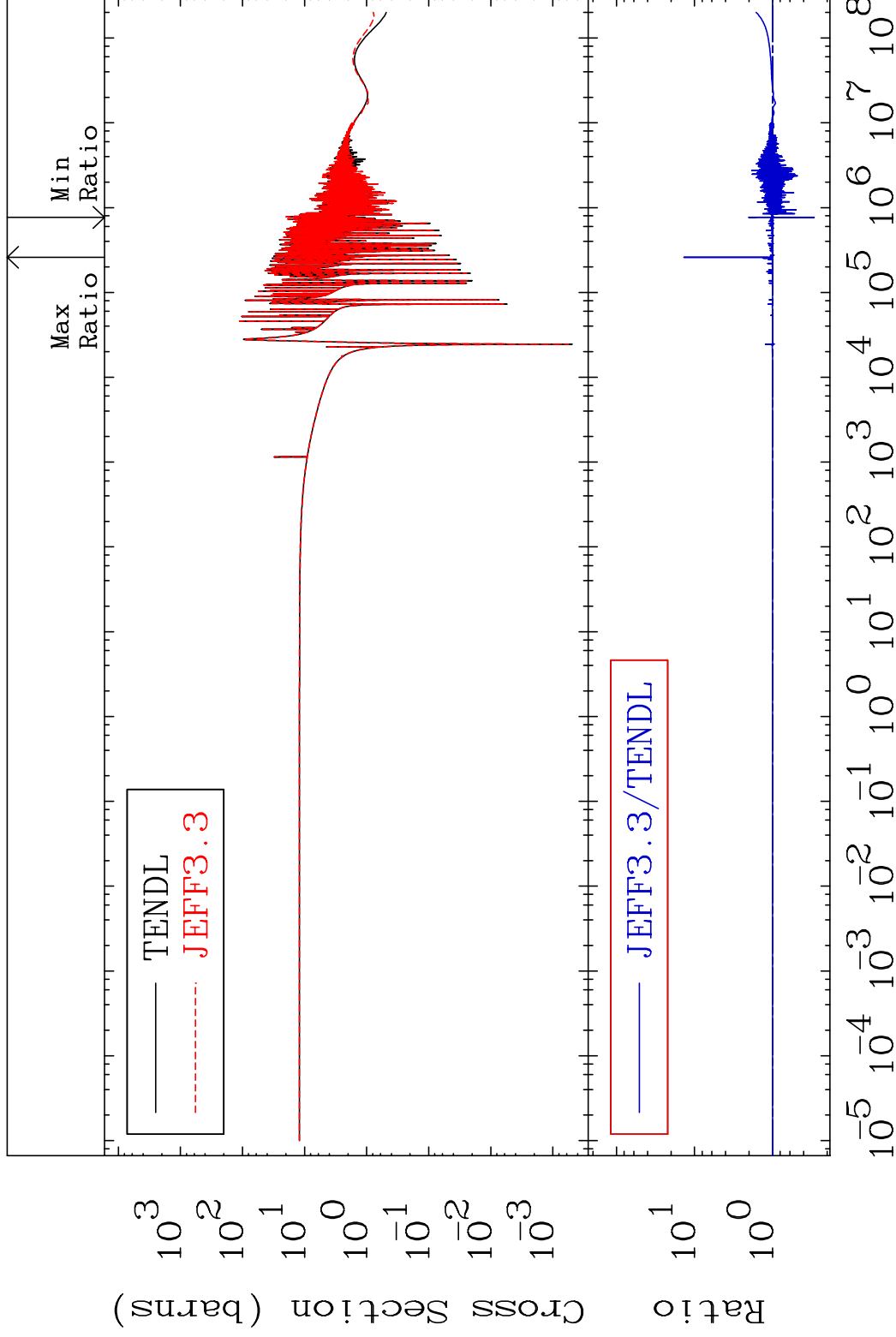
MAT 2631

Elastic

²⁶Fe-56

Cross Section

-70.61 To 1278. %

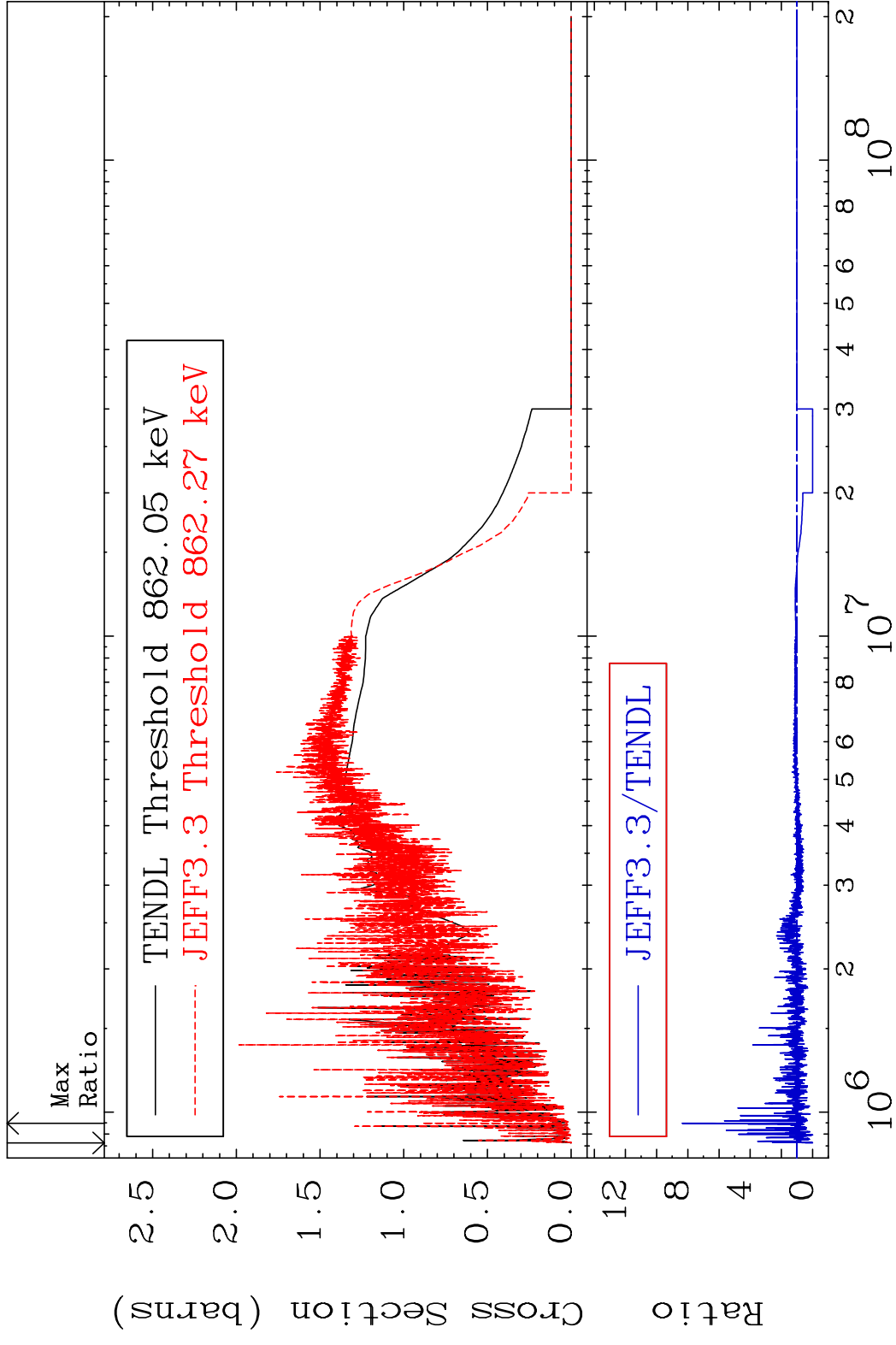


2

Incident Energy (eV)

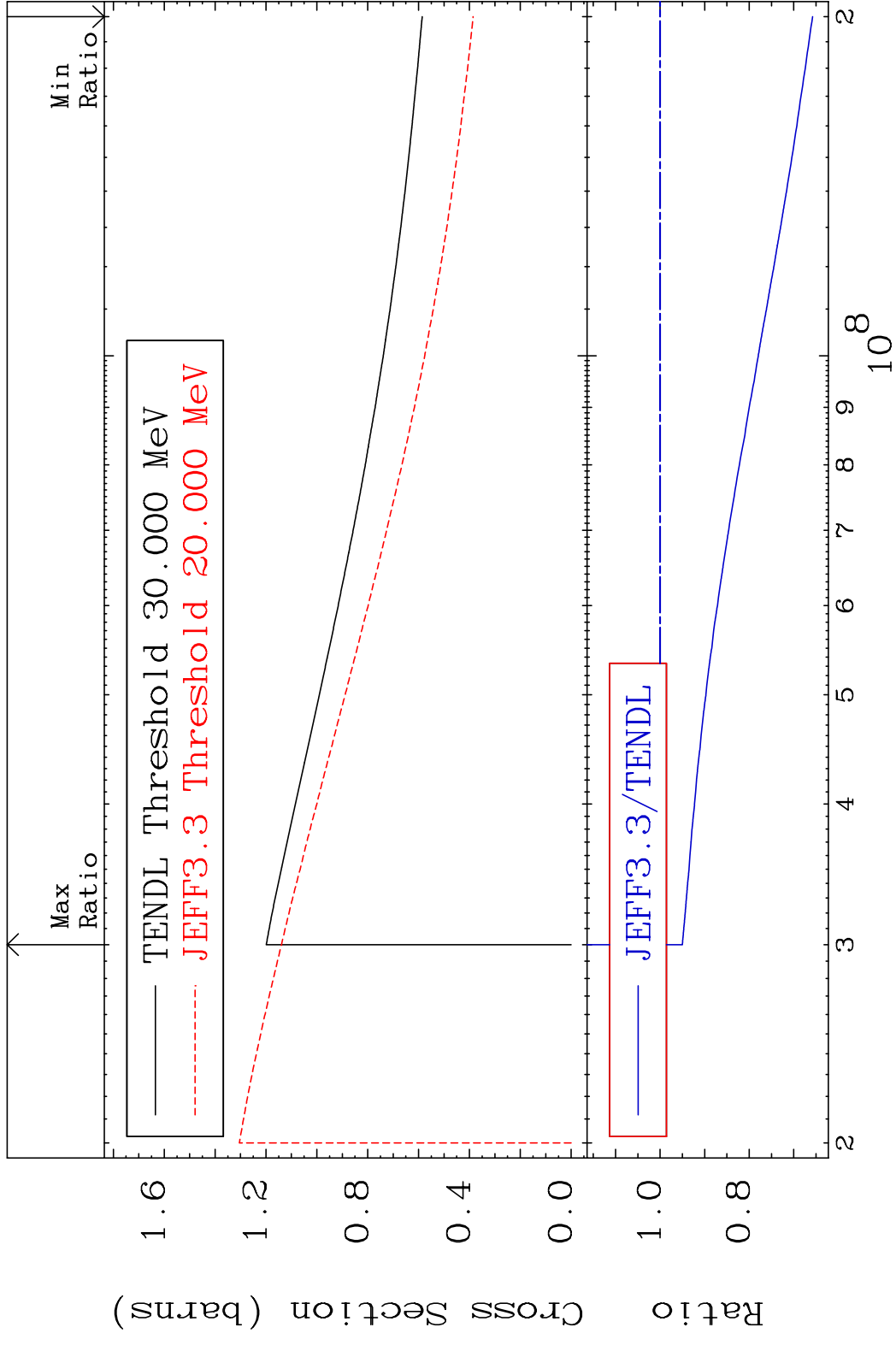
²⁶Fe-56

MAT 2631 Inelastic 26-Fe-56
 Cross Section -100.0 To 735.1 %



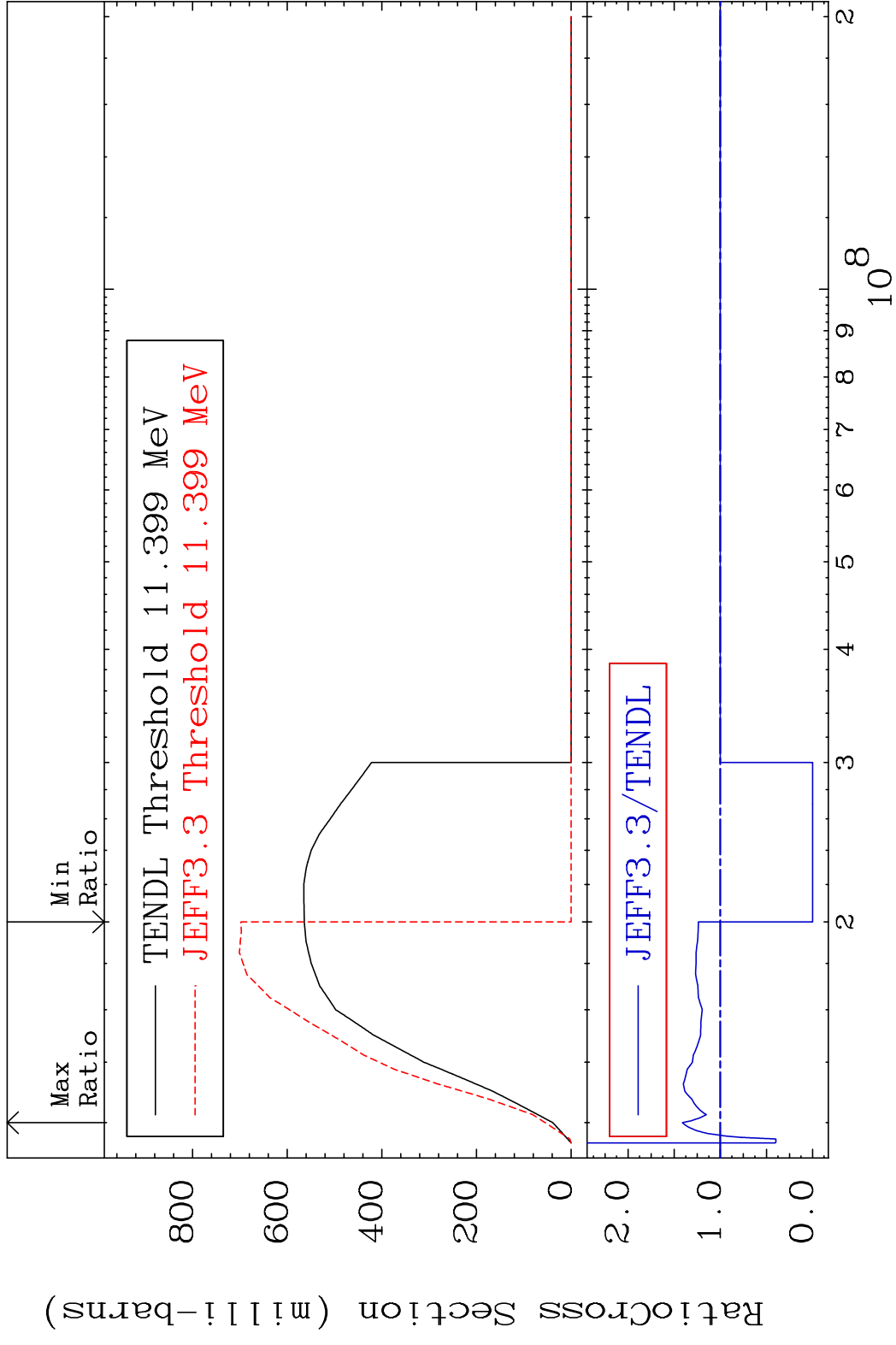
3 Incident Energy (eV) 26-Fe-56

MAT 2631 (n, remainder) 26-Fe-56
 Cross Section -34.21 To -4.992%

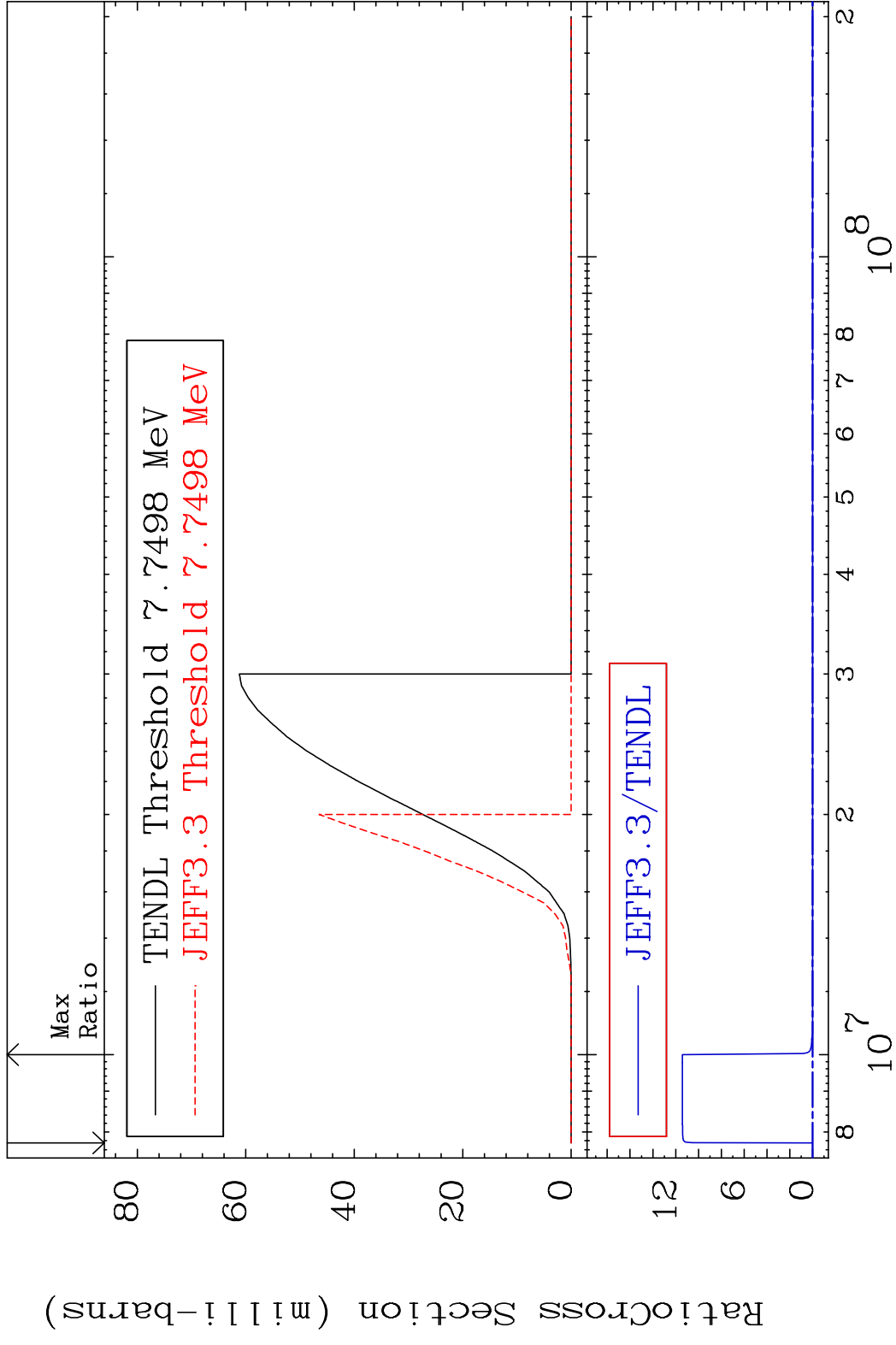


4 Incident Energy (eV) 26-Fe-56

MAT 2631 (n,2n) 26-Fe-56
 Cross Section -100.0 To 41.17 %



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



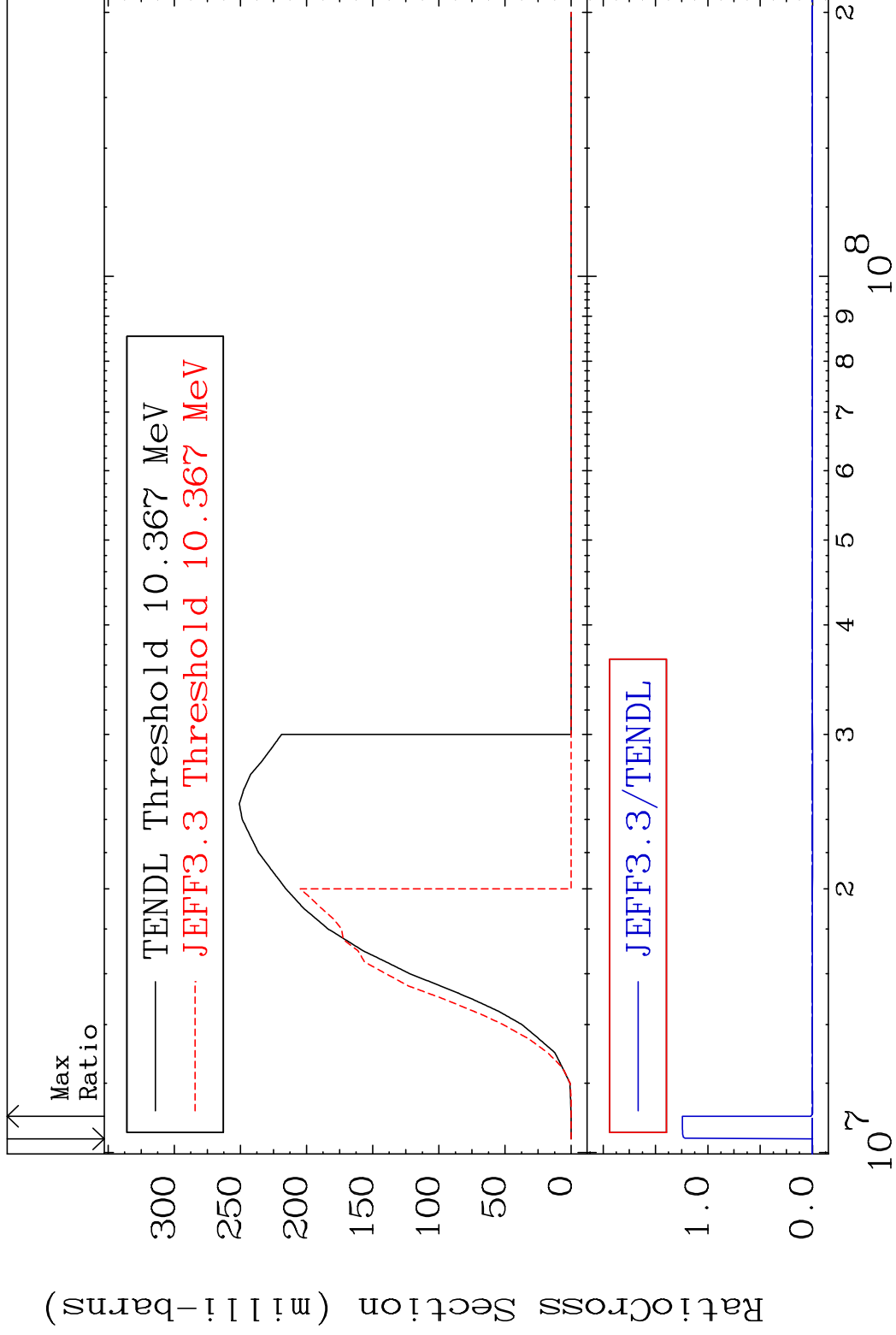
6 8 10⁷ 2 10⁸ 26-Fe-56

MAT 2631

(n, n') p

²⁶Fe-56

Cross Section -100.0 To 9999. %

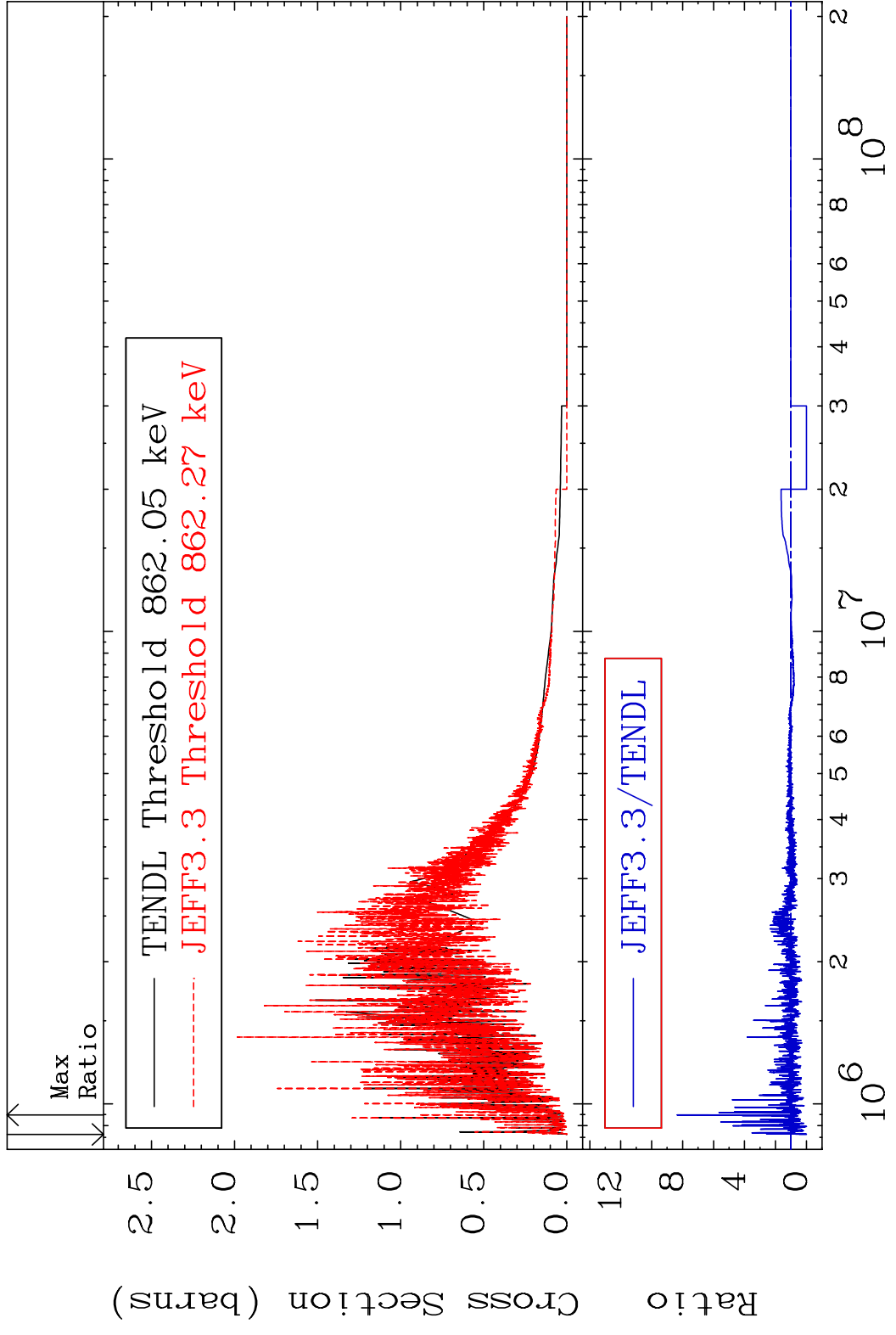


7

Incident Energy (eV)

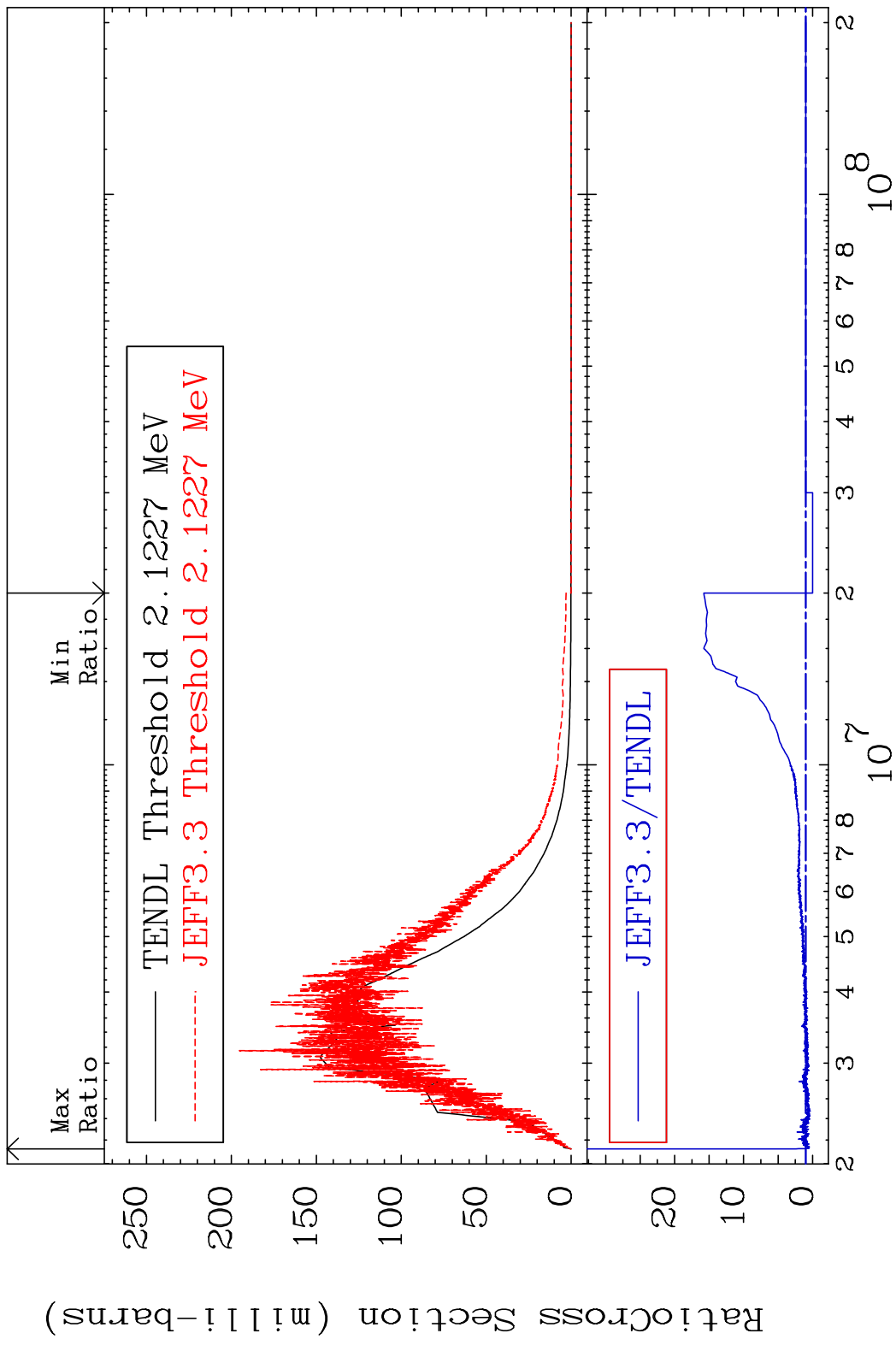
²⁶Fe-56

MAT 2631 MT= 51 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 735.1 %

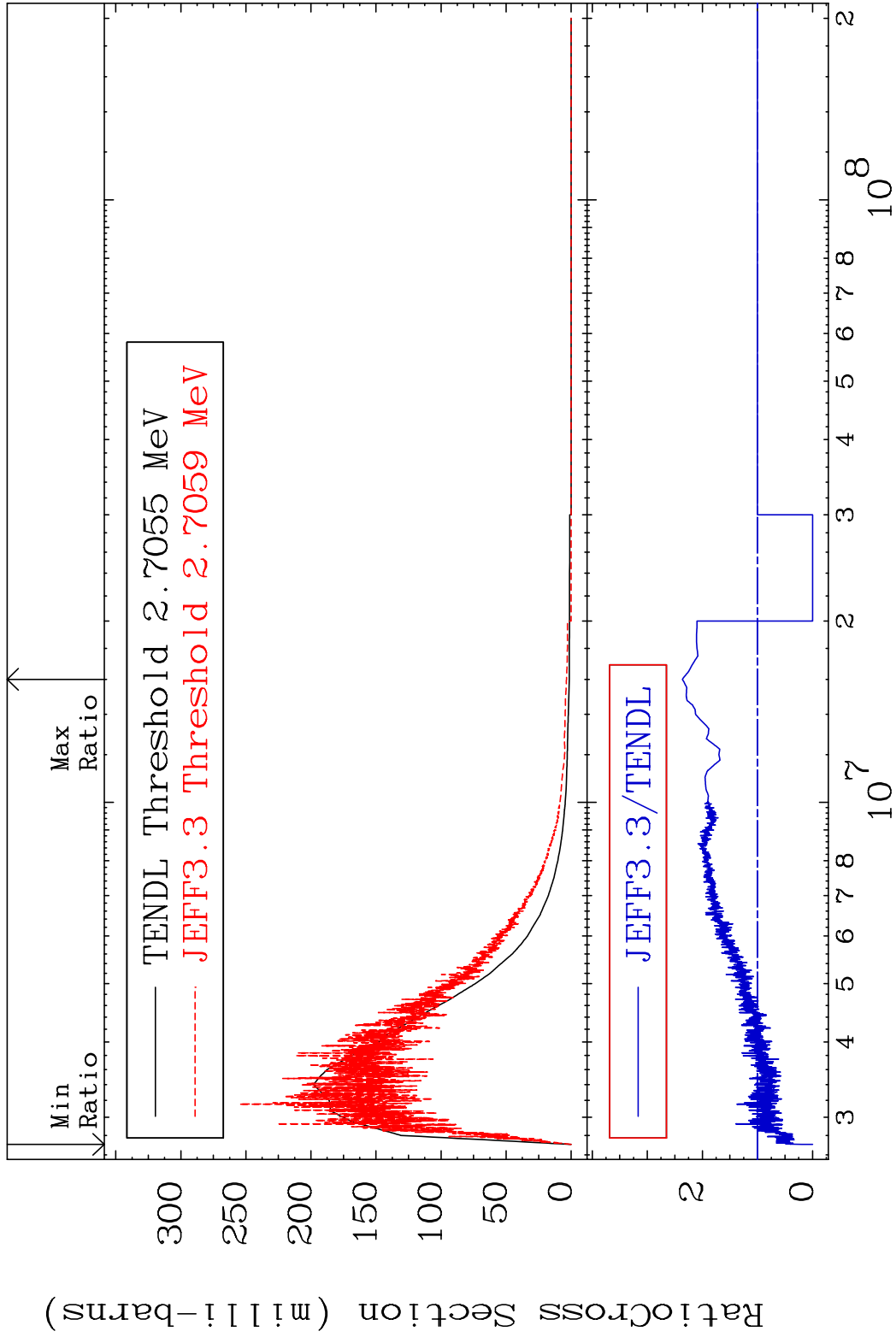


8 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 52 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 1788. %

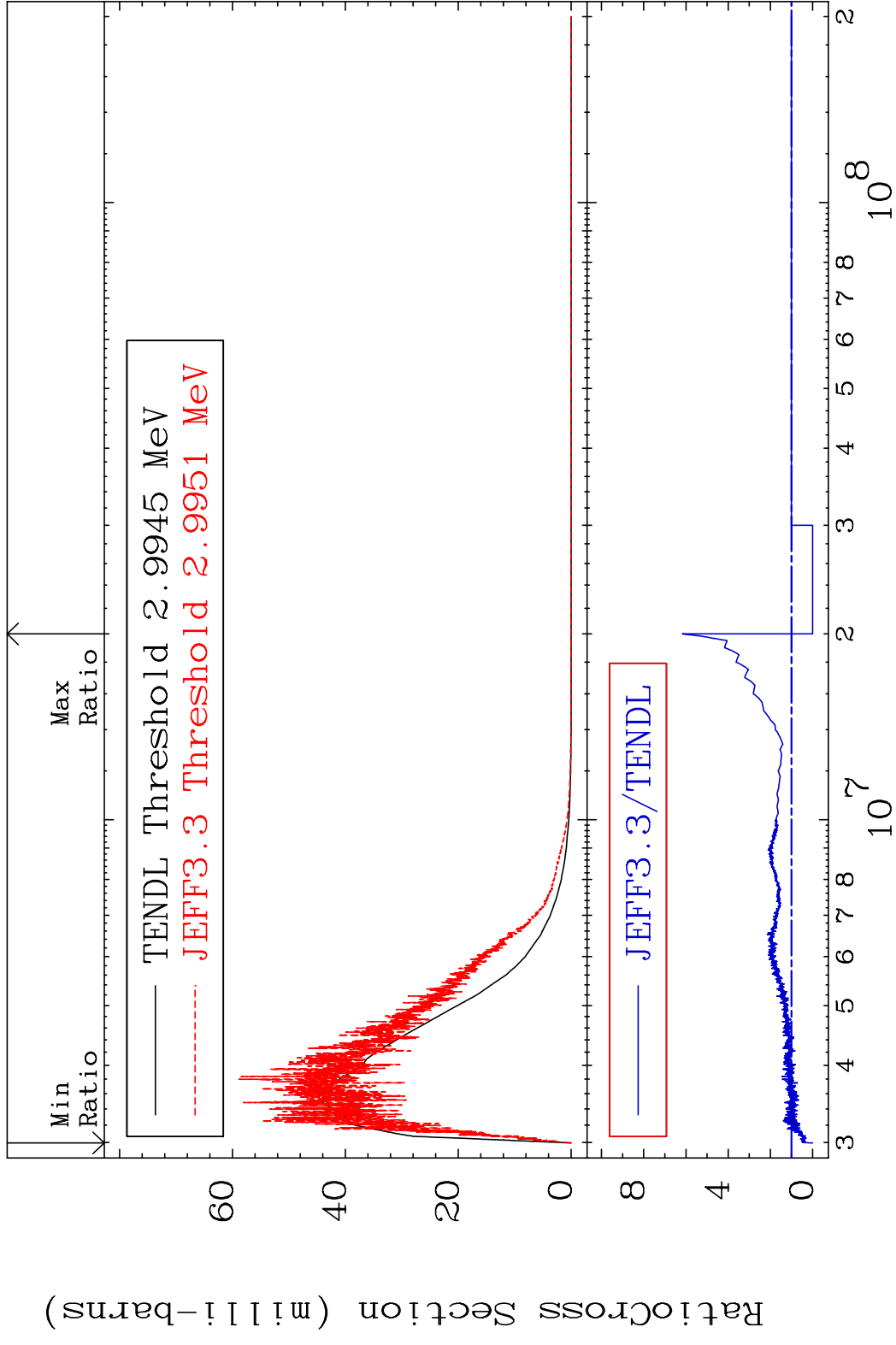


MAT 2631 MT= 53 (n, n') Level 26-Fe-56
Cross Section -100.0 To 136.4 %

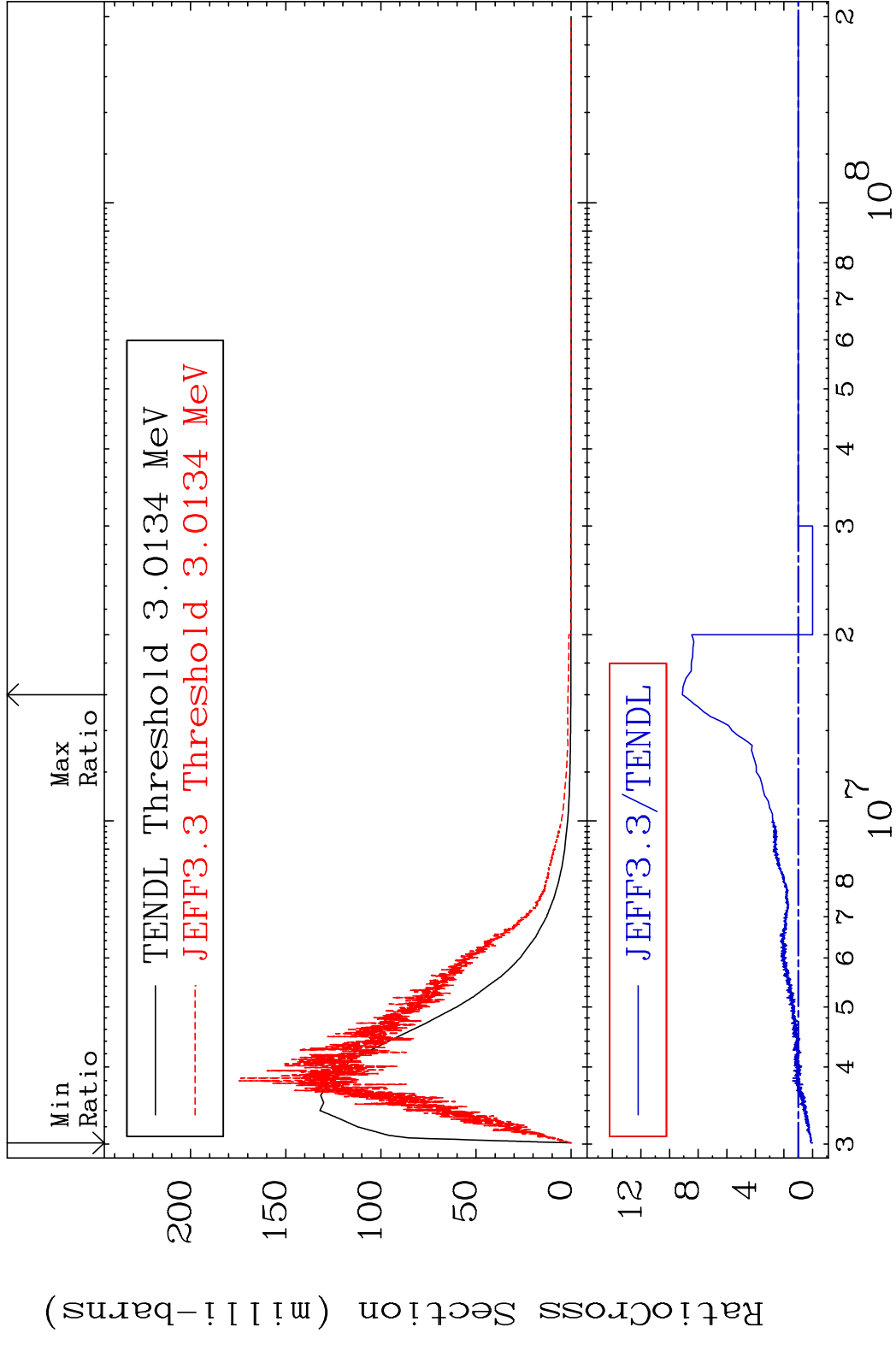


10 Incident Energy (eV) 26-Fe-56

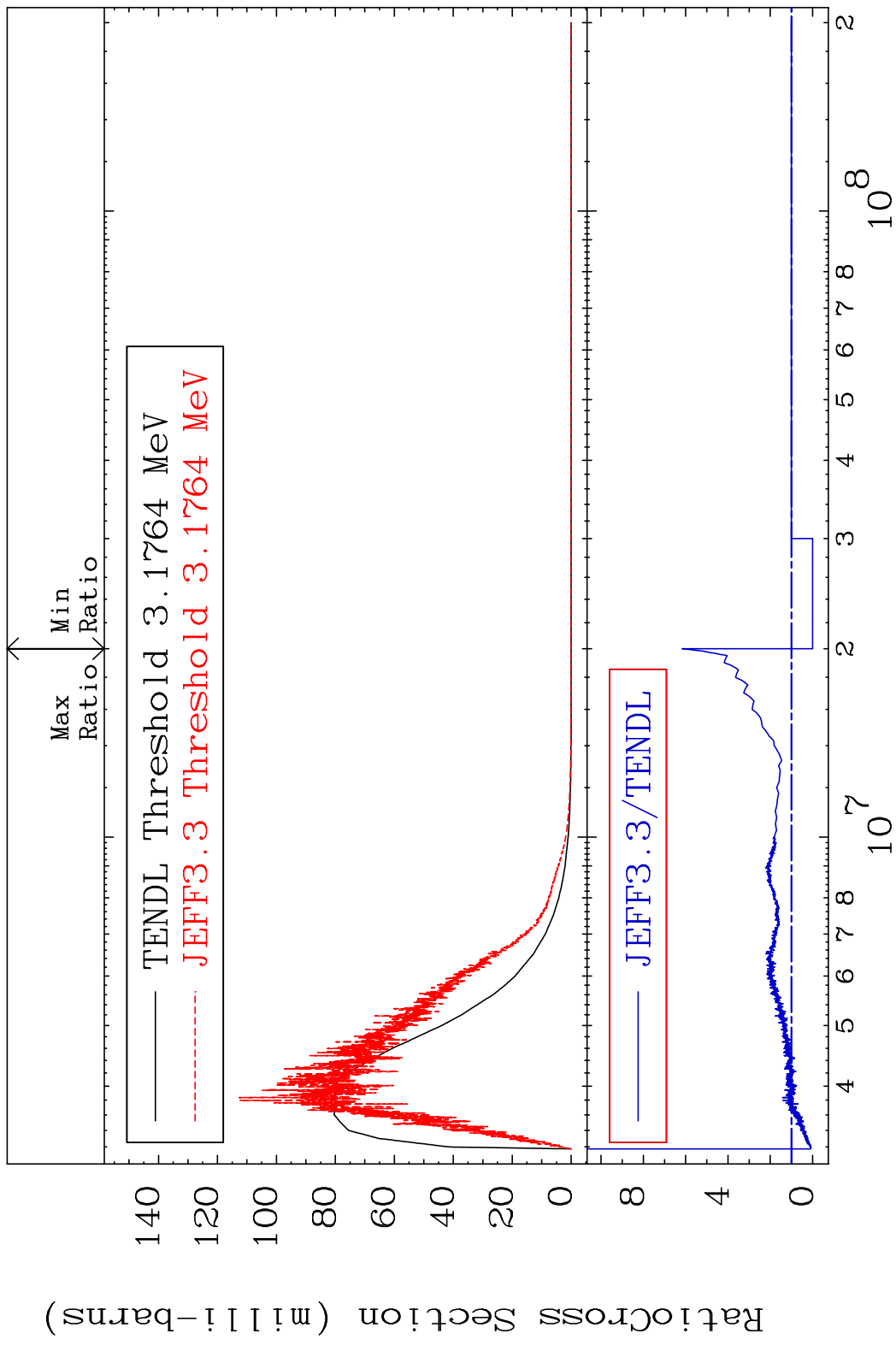
MAT 2631 MT= 54 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 516.9 %



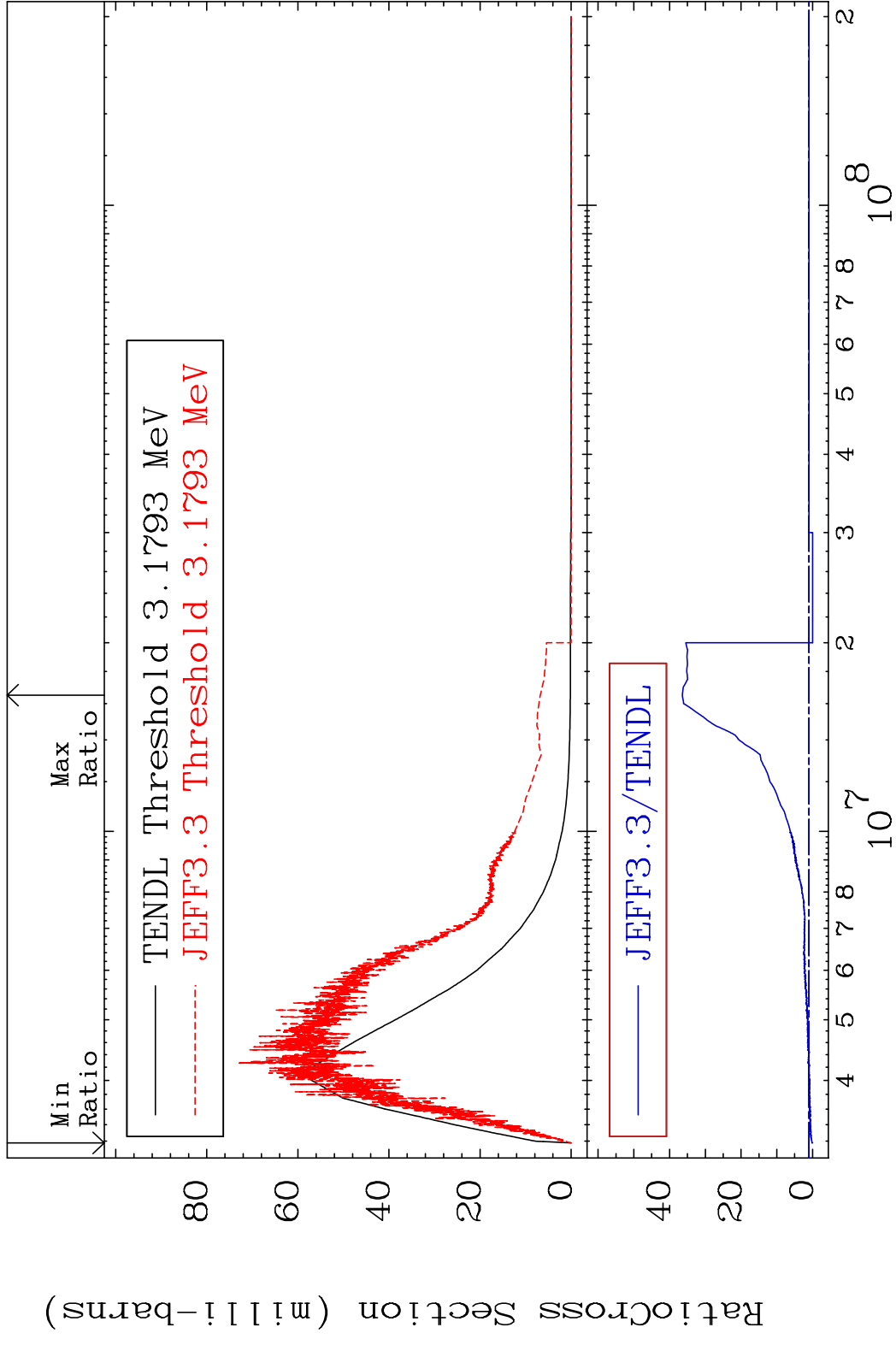
MAT 2631 MT= 55 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 810.6 %



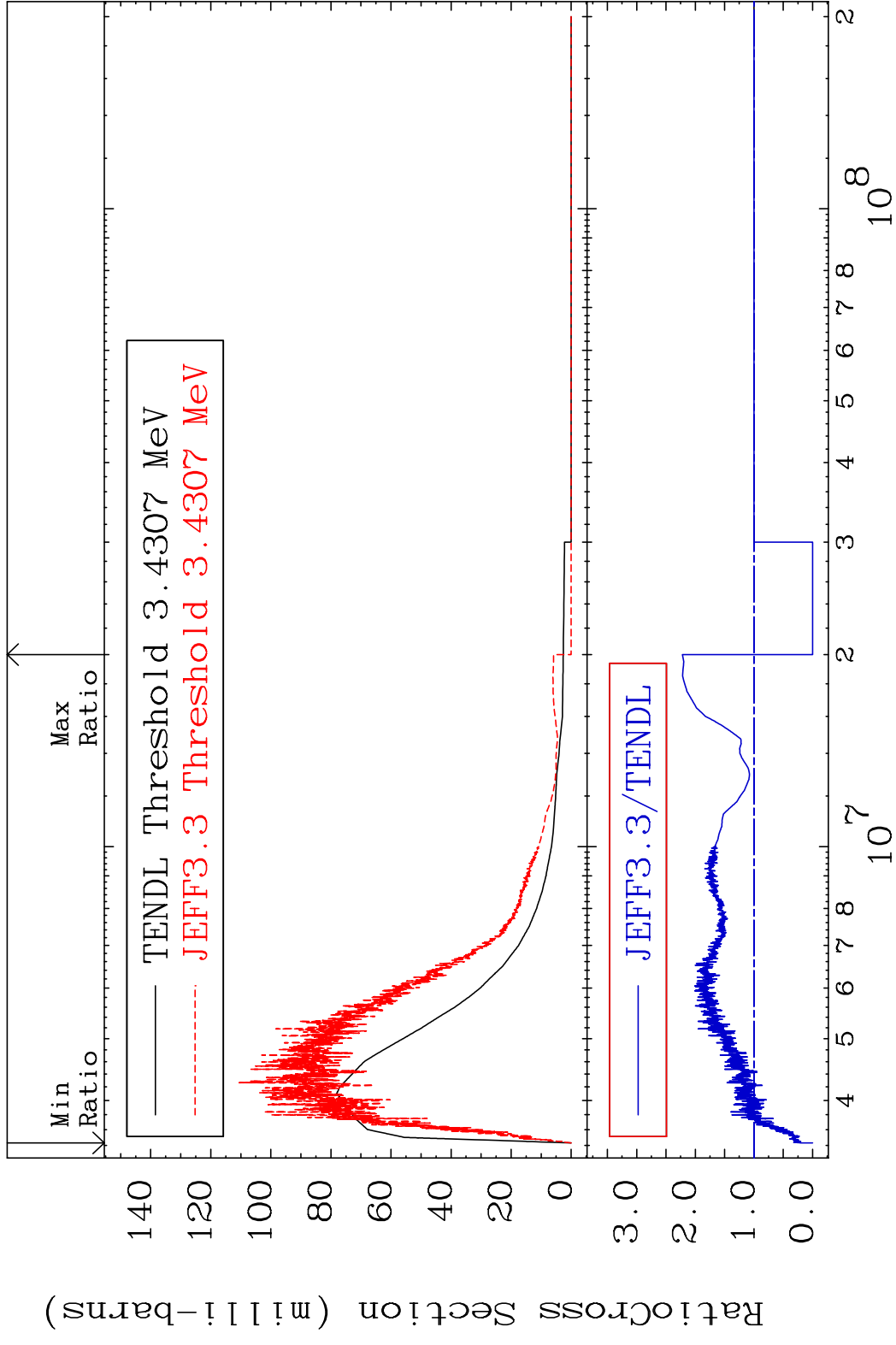
MAT 2631 MT= 56 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 515.6 %



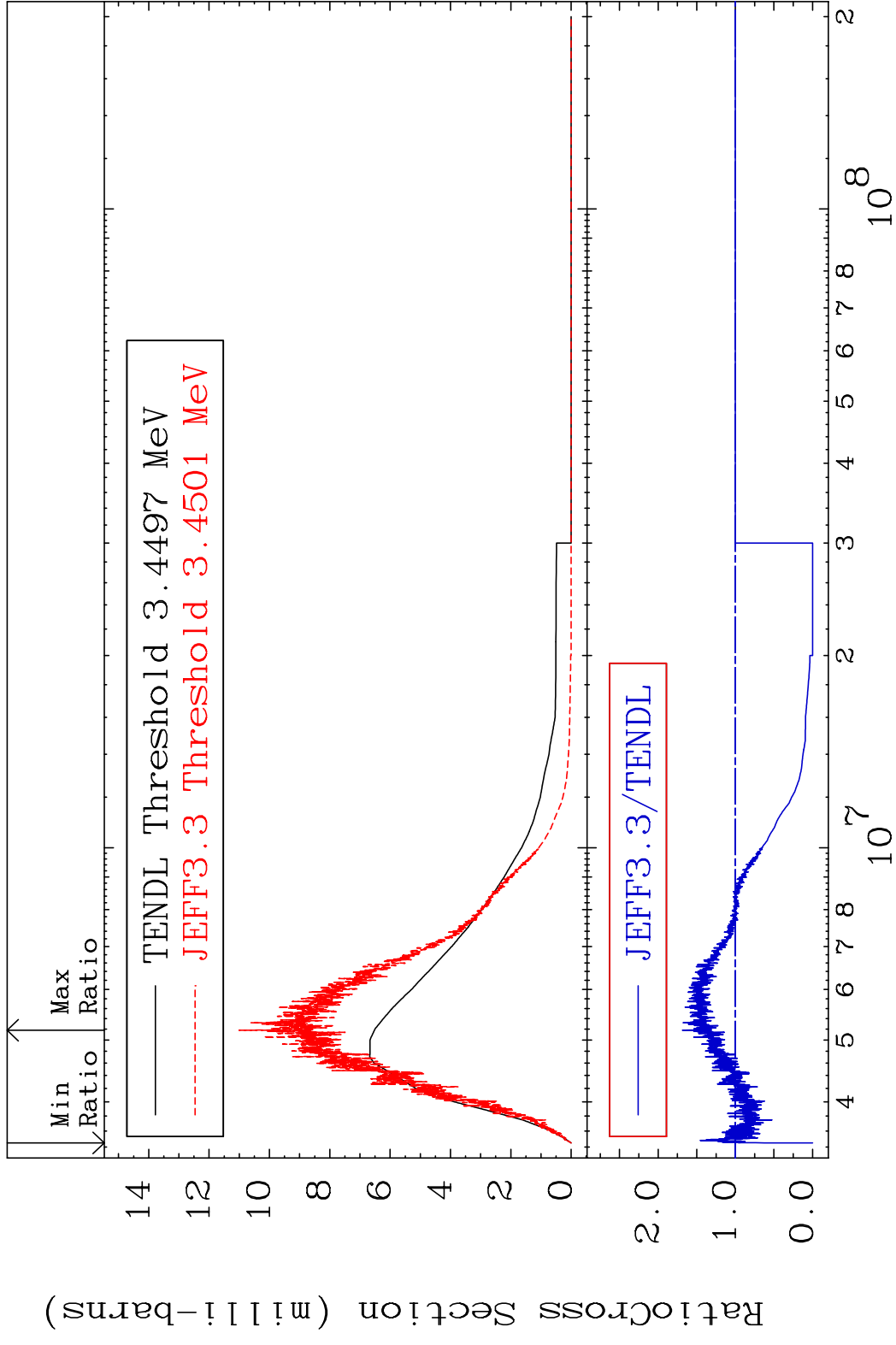
MAT 2631 MT= 57 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 3542. %



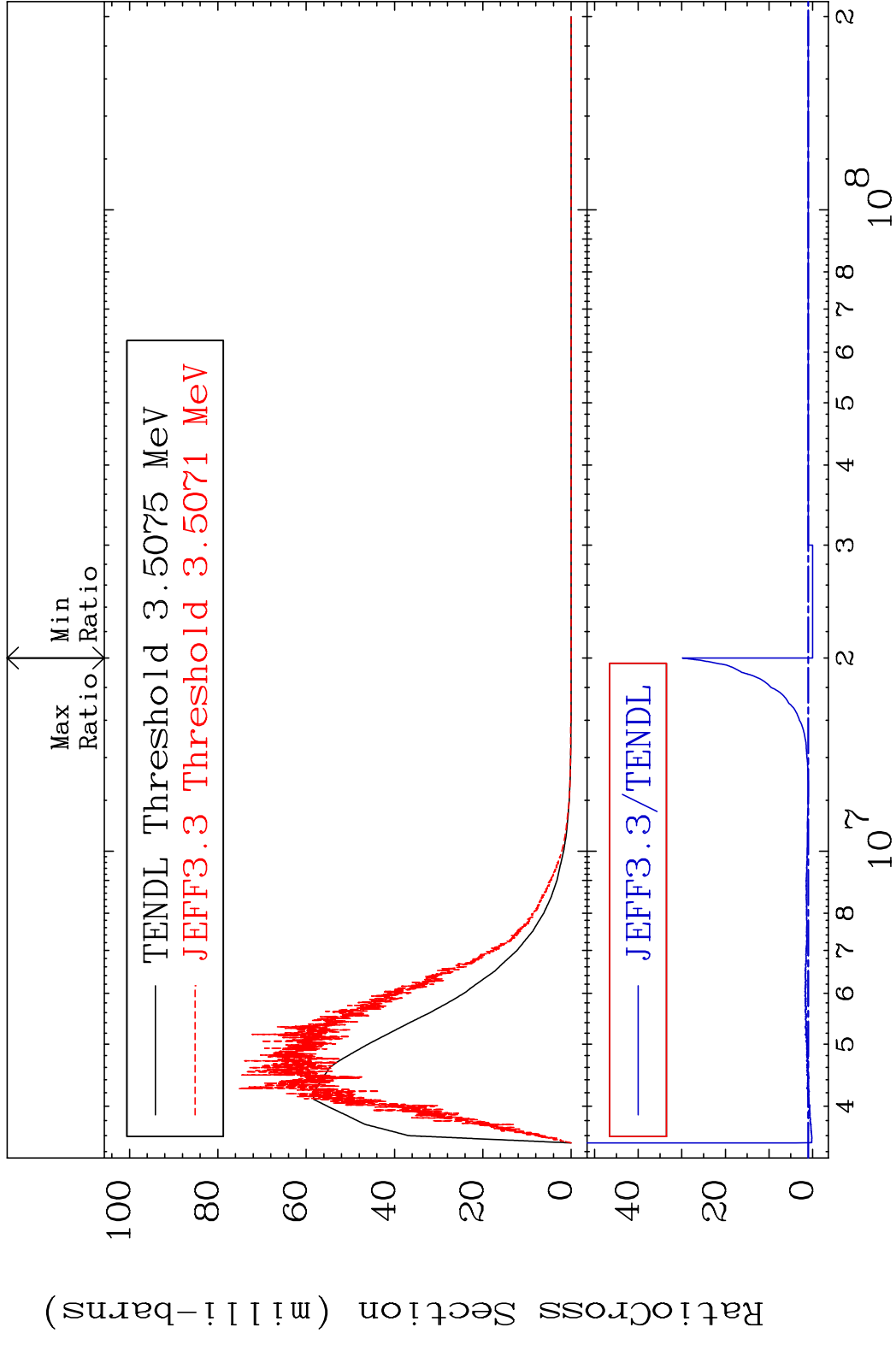
MAT 2631 MT= 58 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 122.1 %



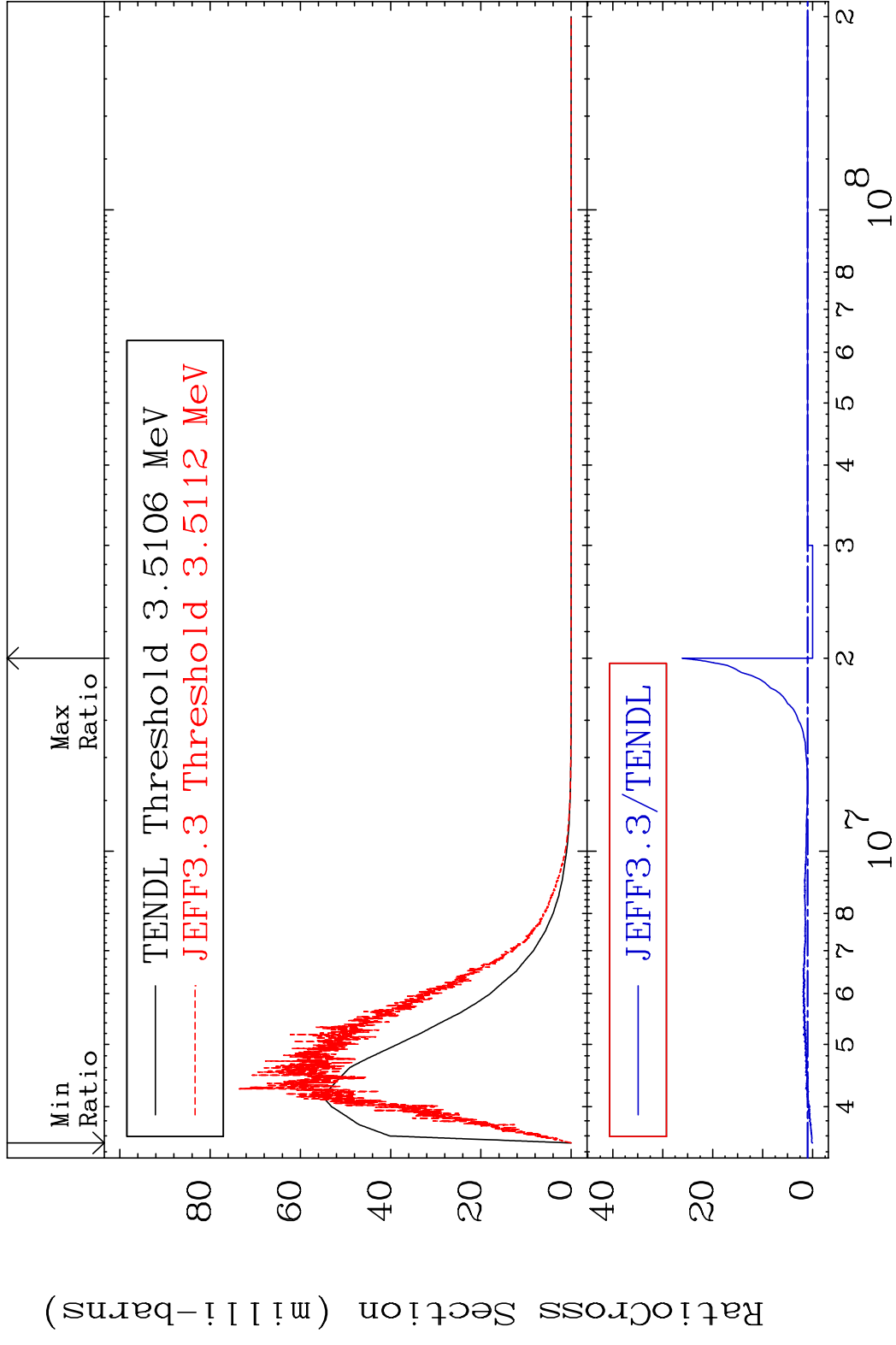
MAT 2631 MT= 59 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 68.63 %



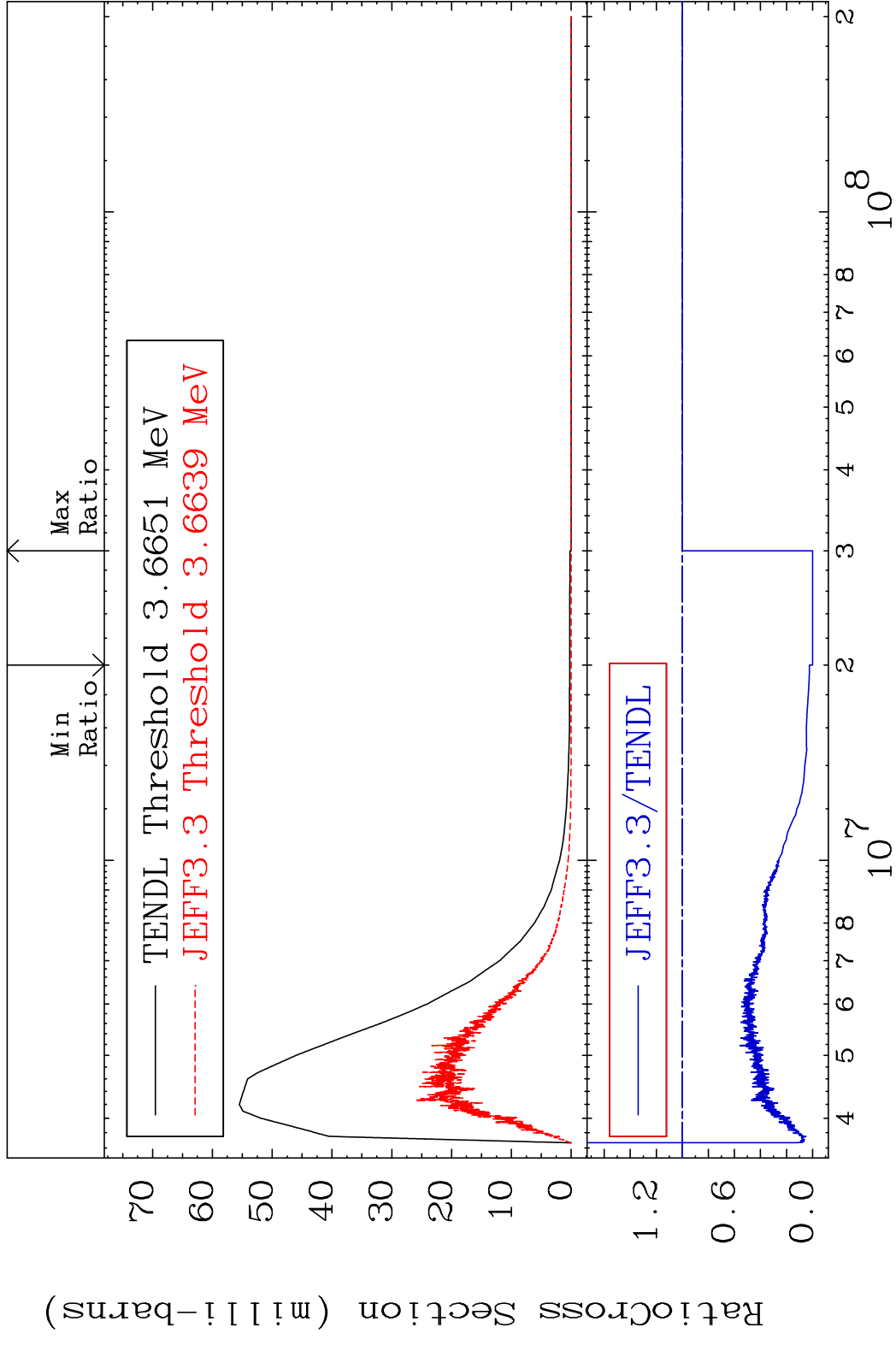
MAT 2631 MT= 60 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 2888. %



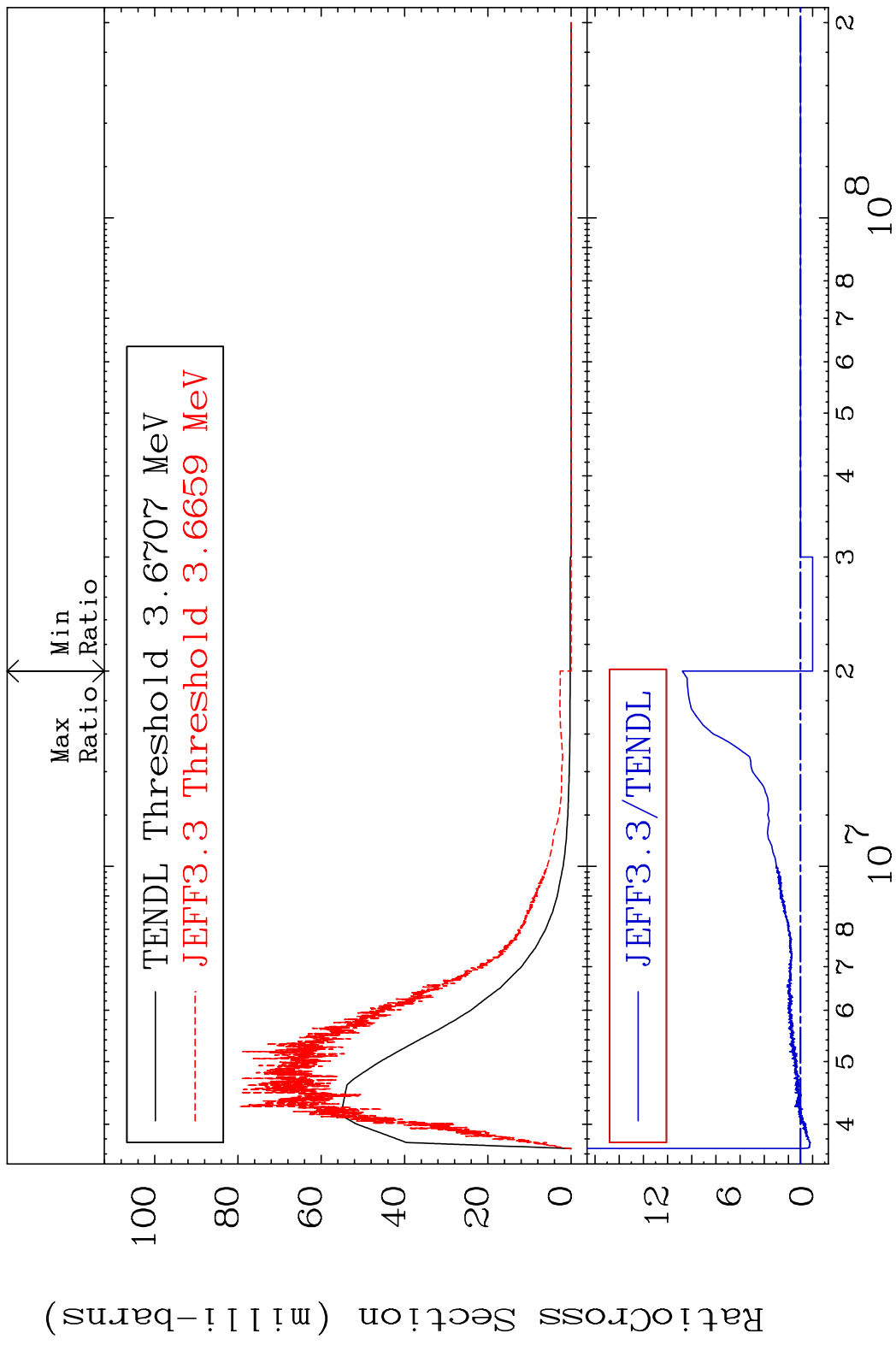
MAT 2631 MT= 61 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 2507. %



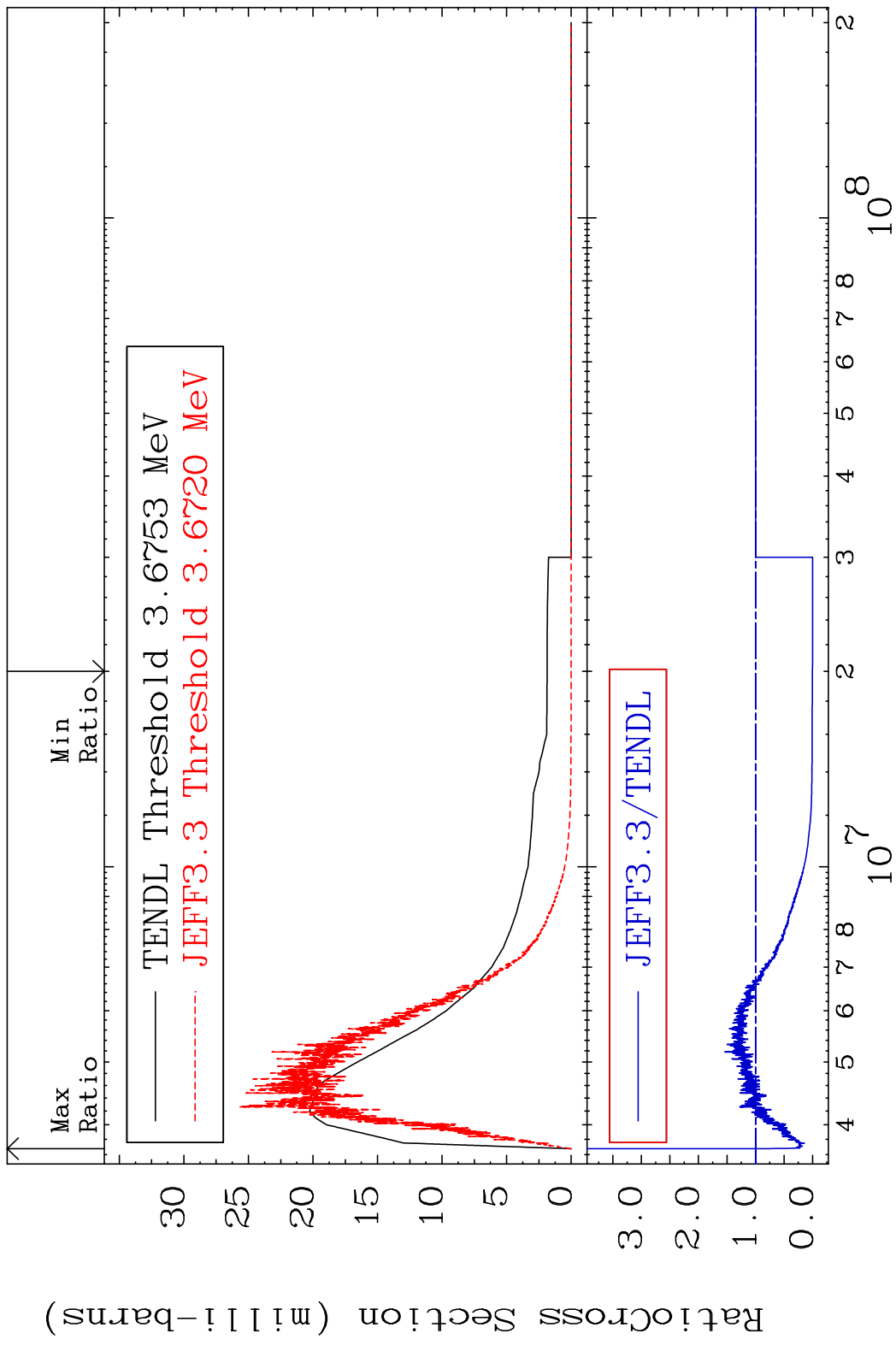
MAT 2631 MT= 62 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 0.000 %



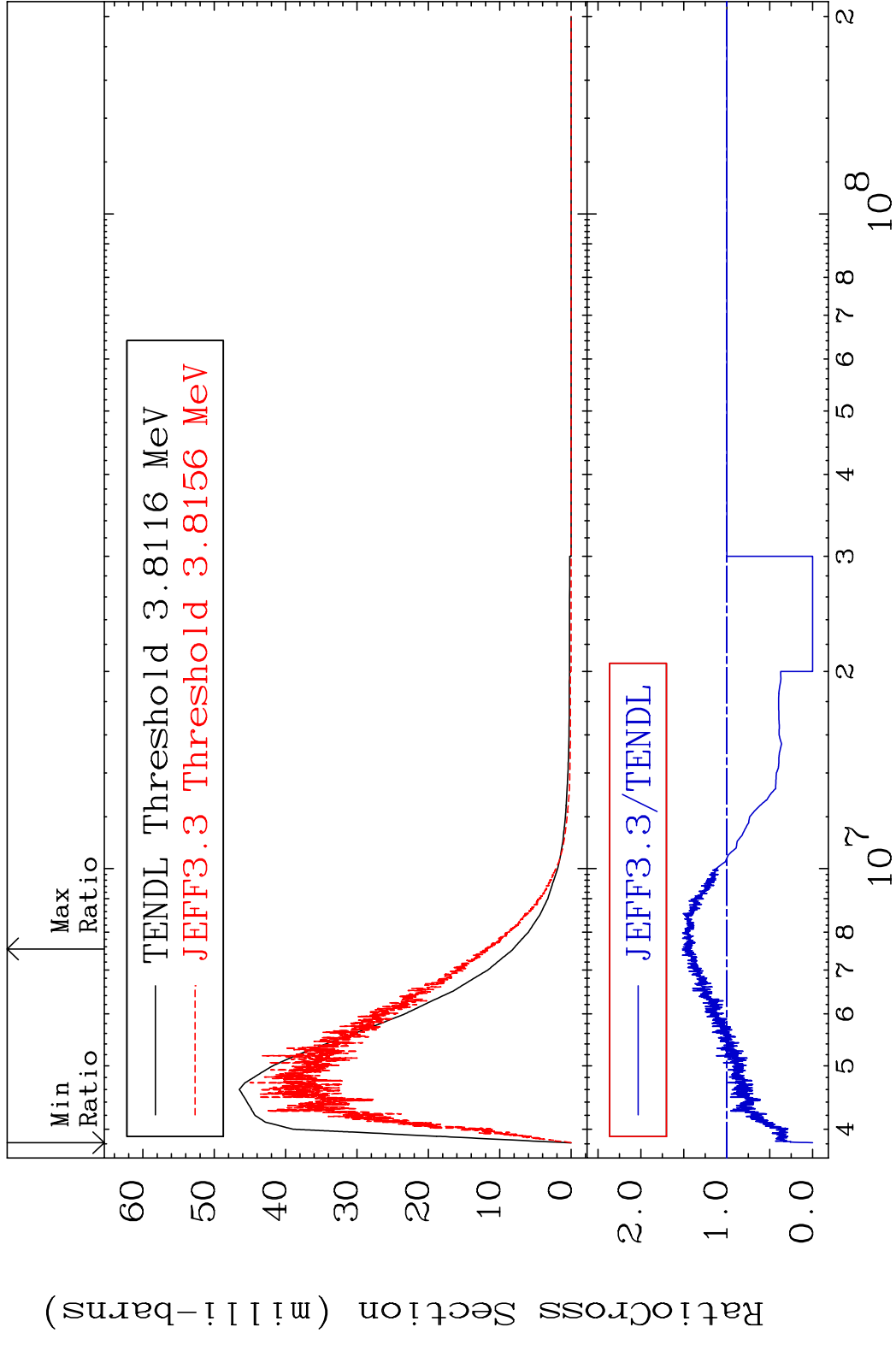
MAT 2631 MT= 63 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 977.3 %



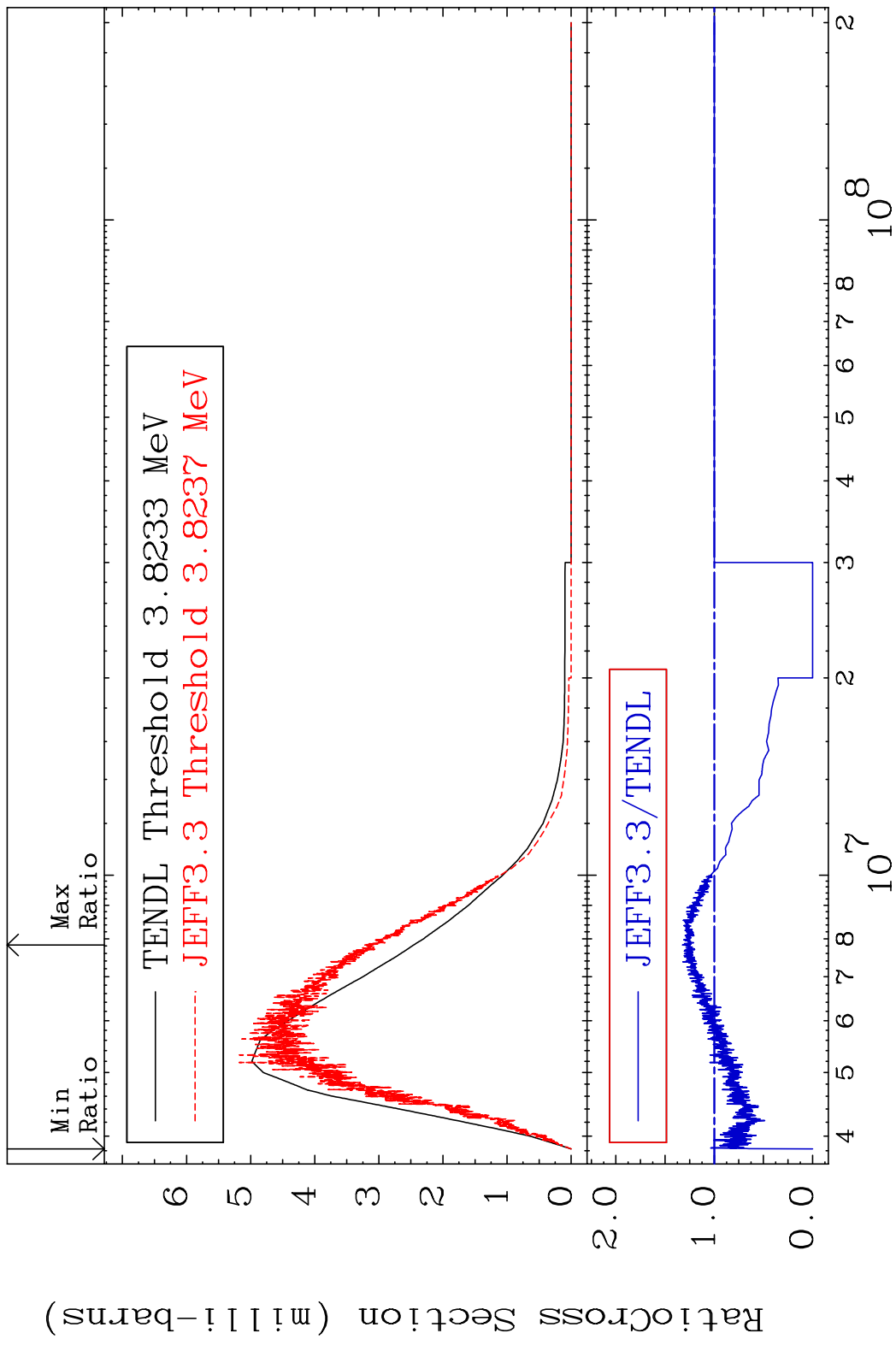
MAT 2631 MT= 64 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 128.2 %



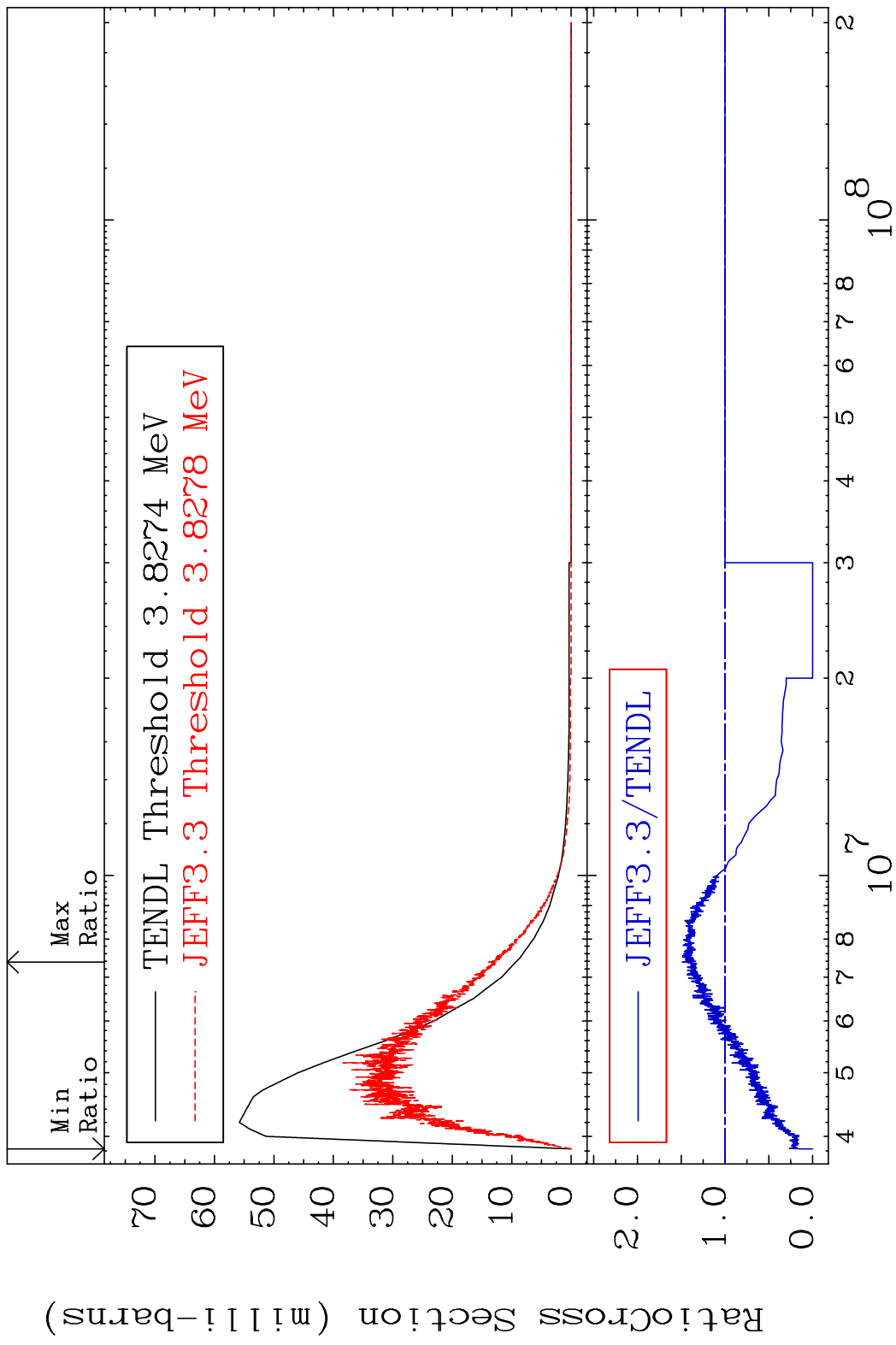
MAT 2631 MT= 65 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 51.73 %



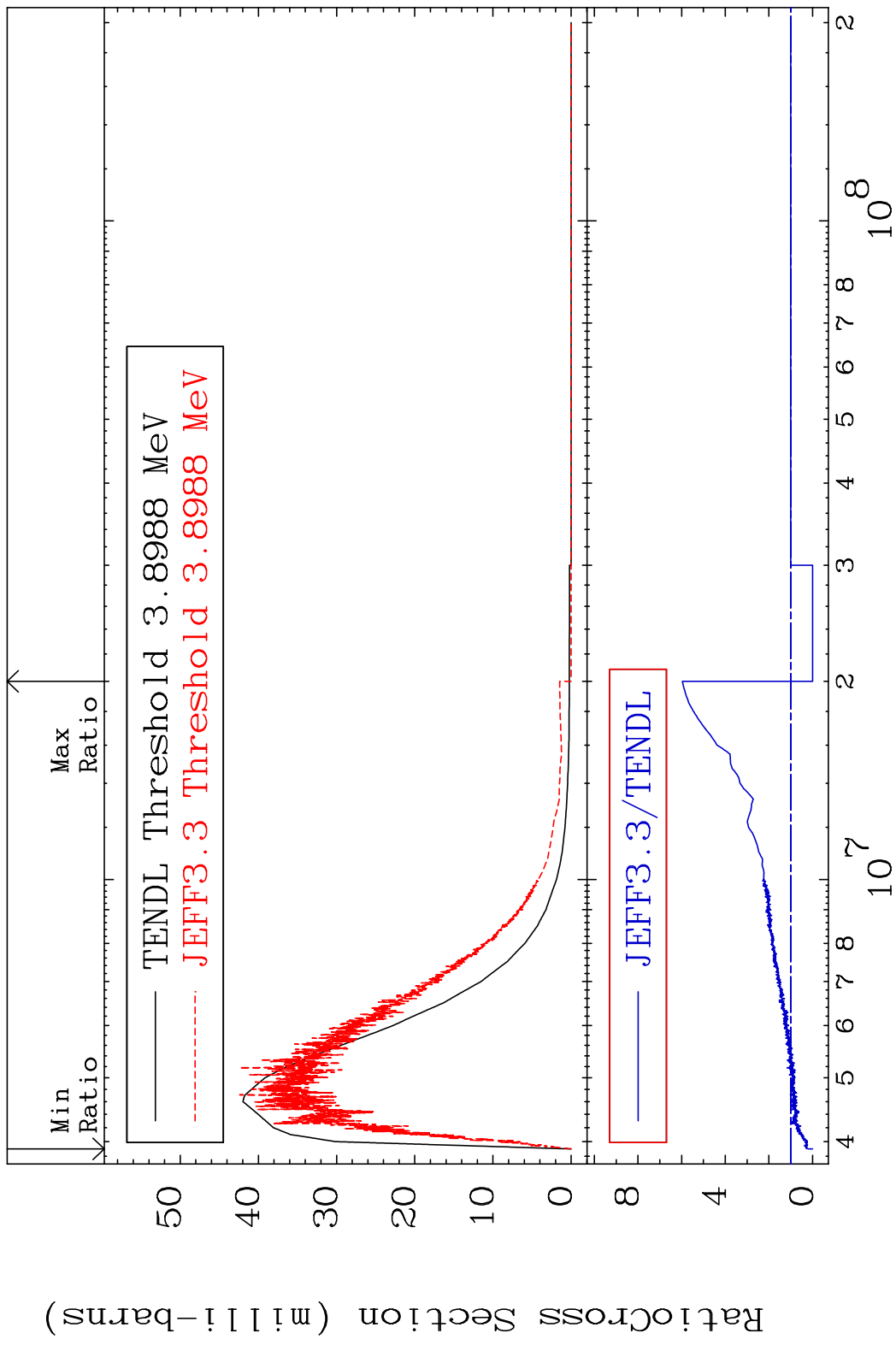
MAT 2631 MT= 66 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 32.42 %



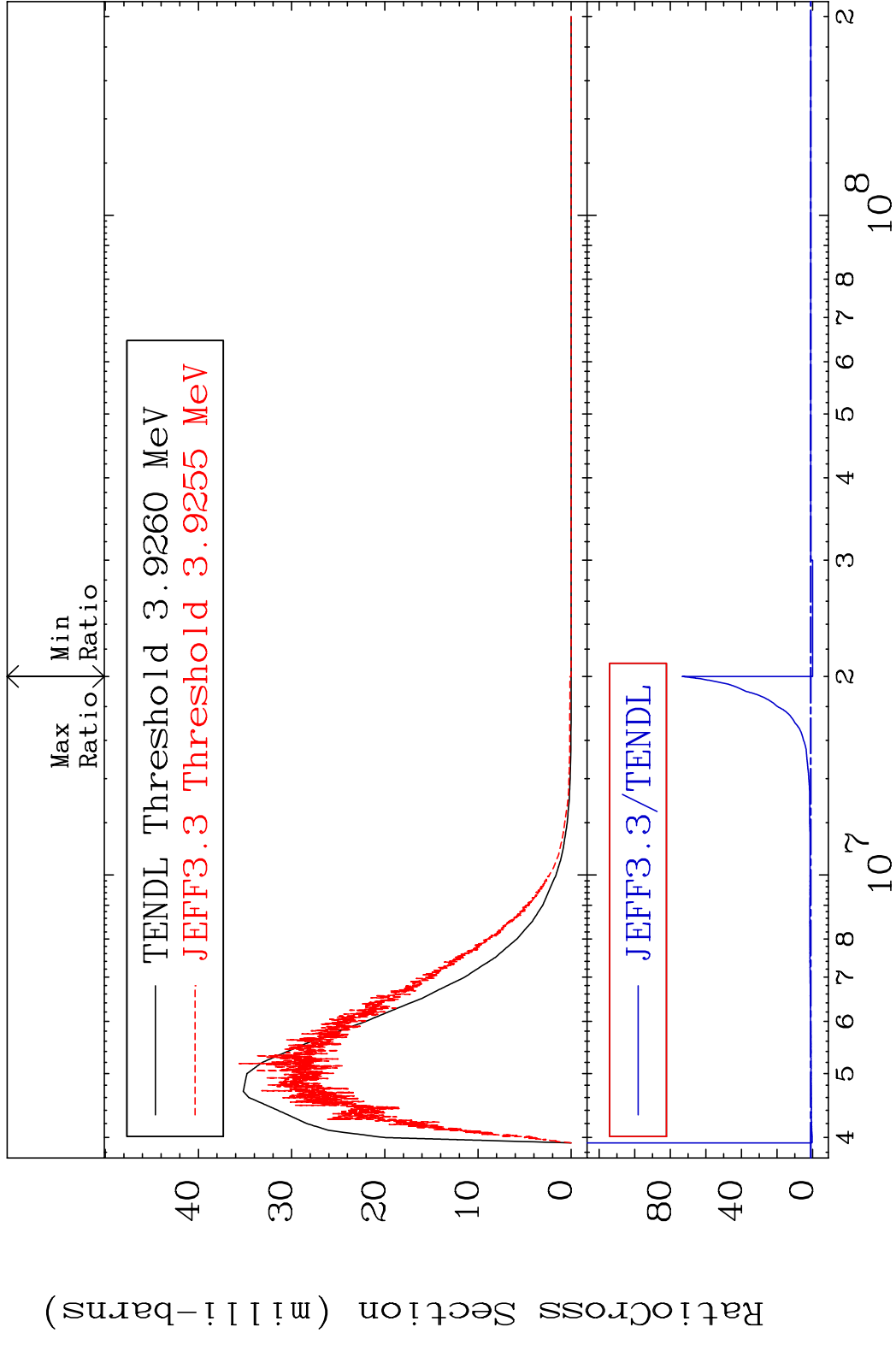
MAT 2631 MT= 67 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 48.74 %



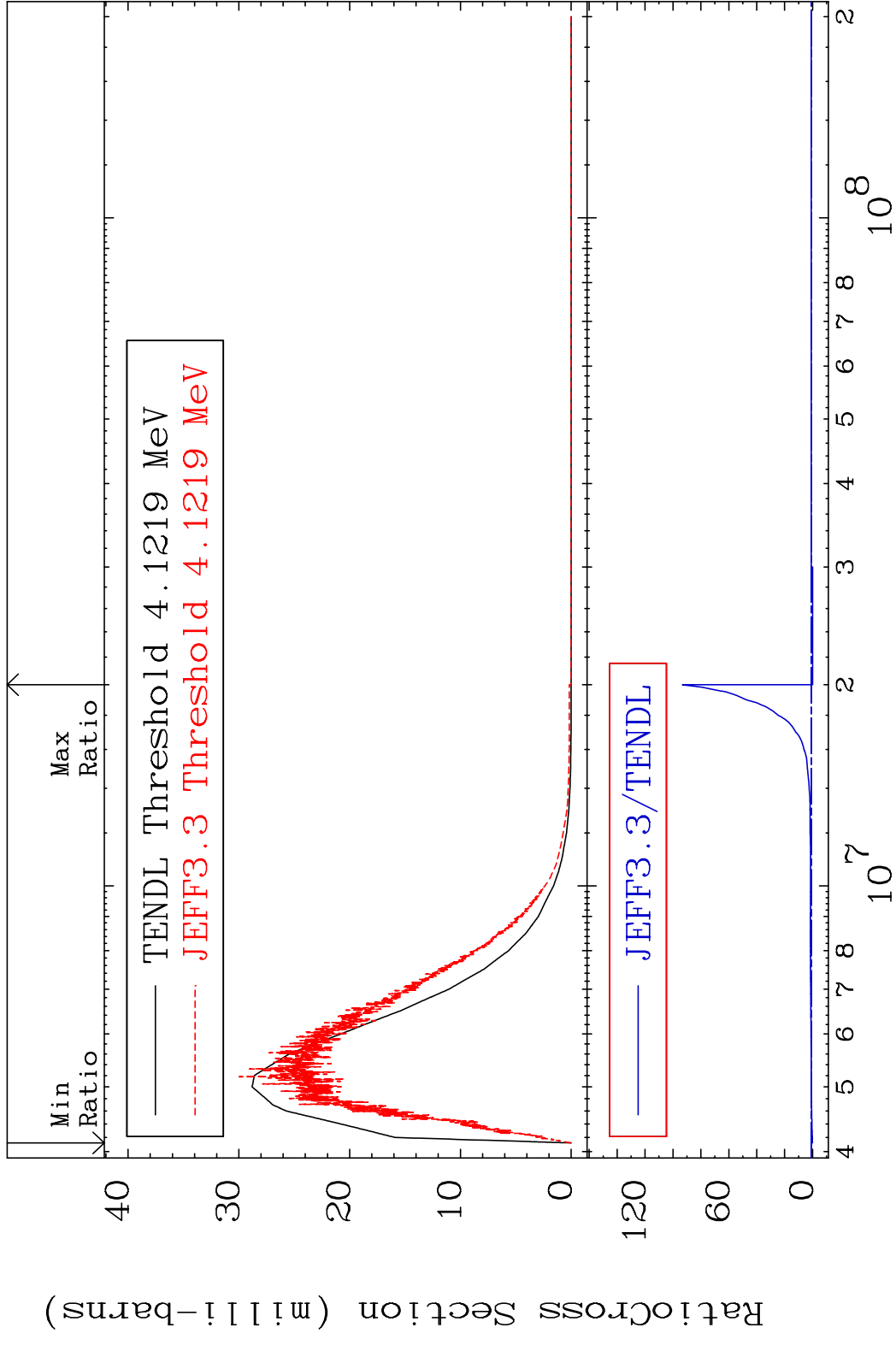
MAT 2631 MT= 68 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 496.7 %



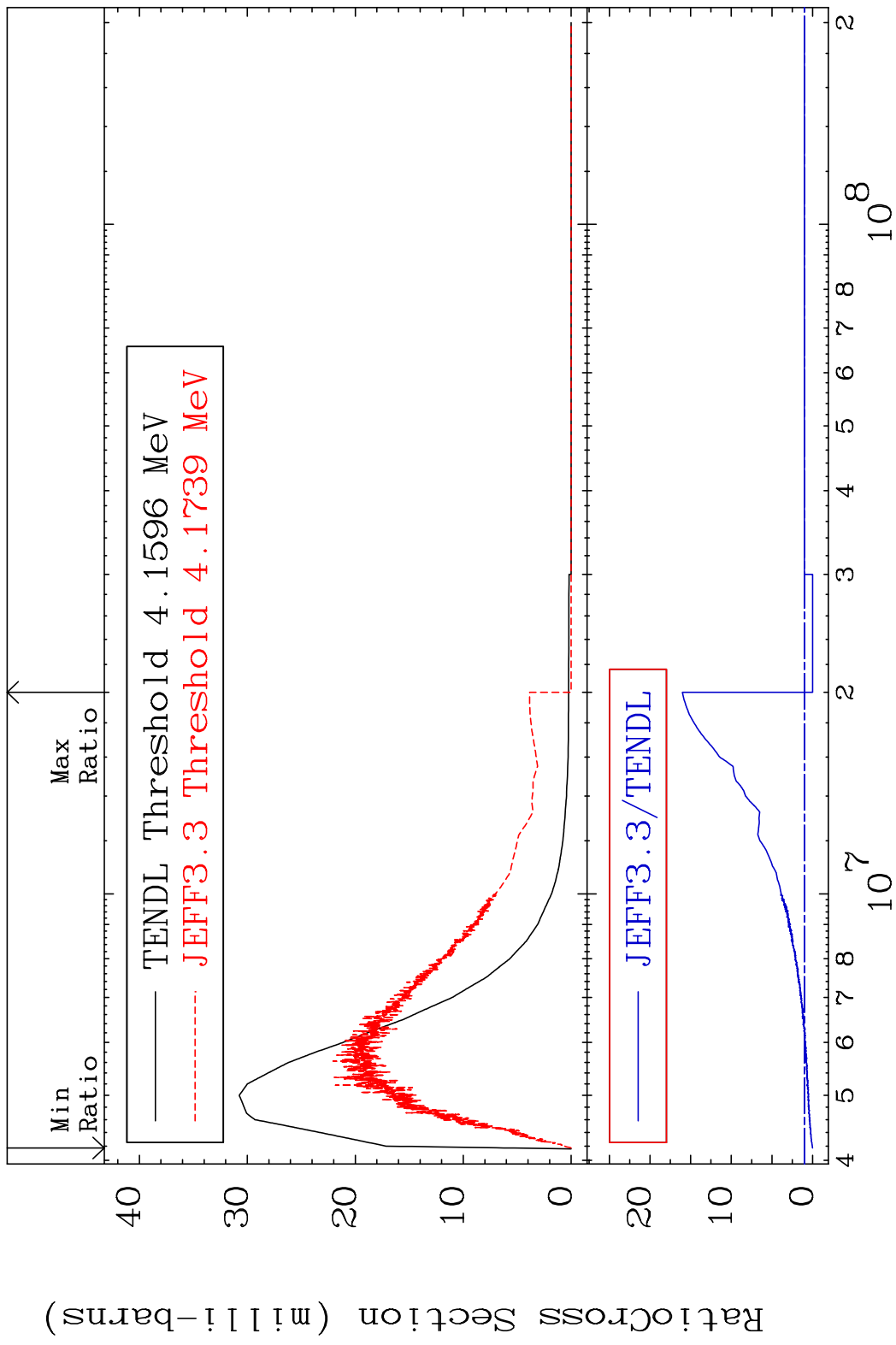
MAT 2631 MT= 69 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 7224. %



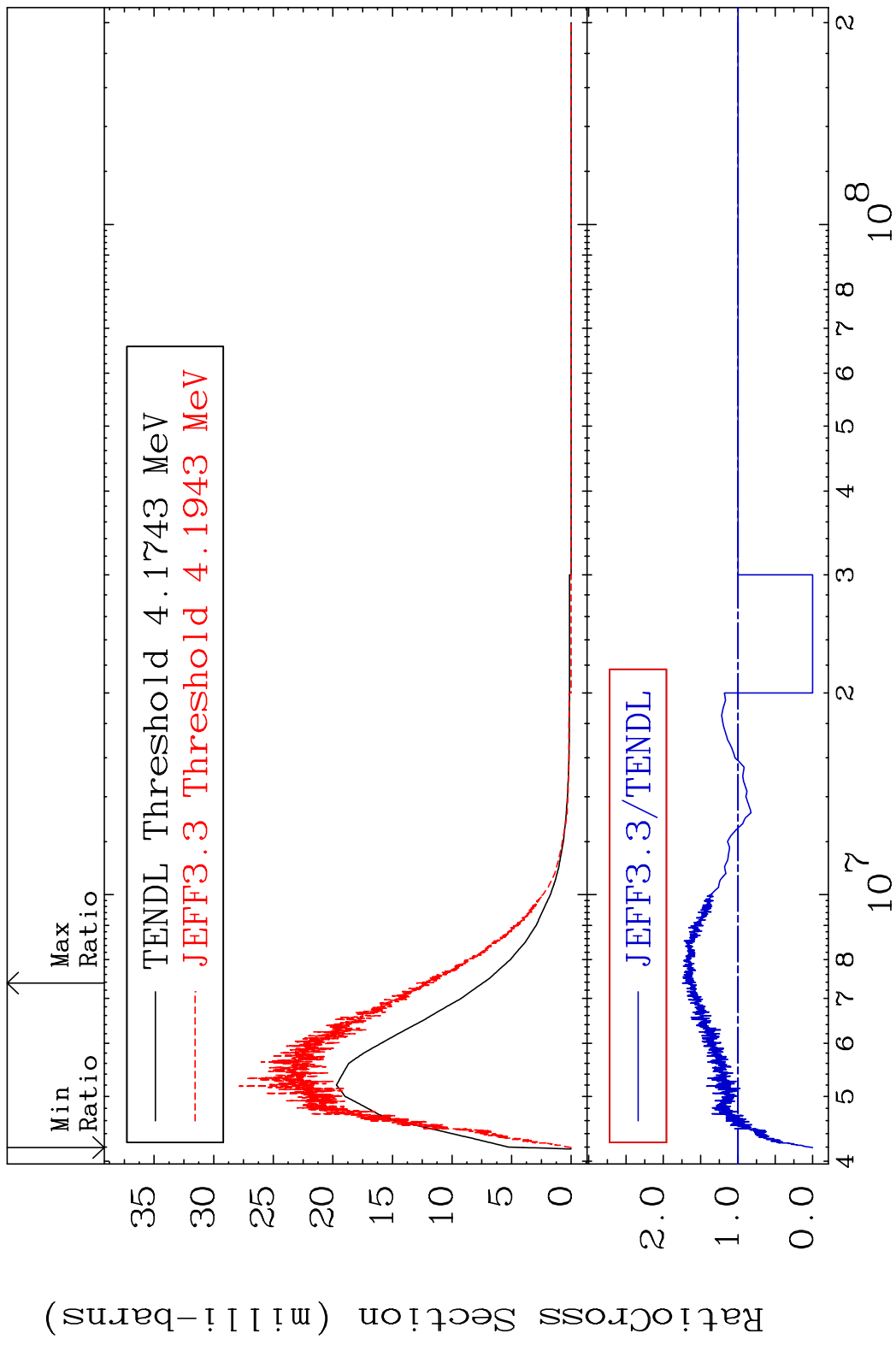
MAT 2631 MT= 70 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9228. %



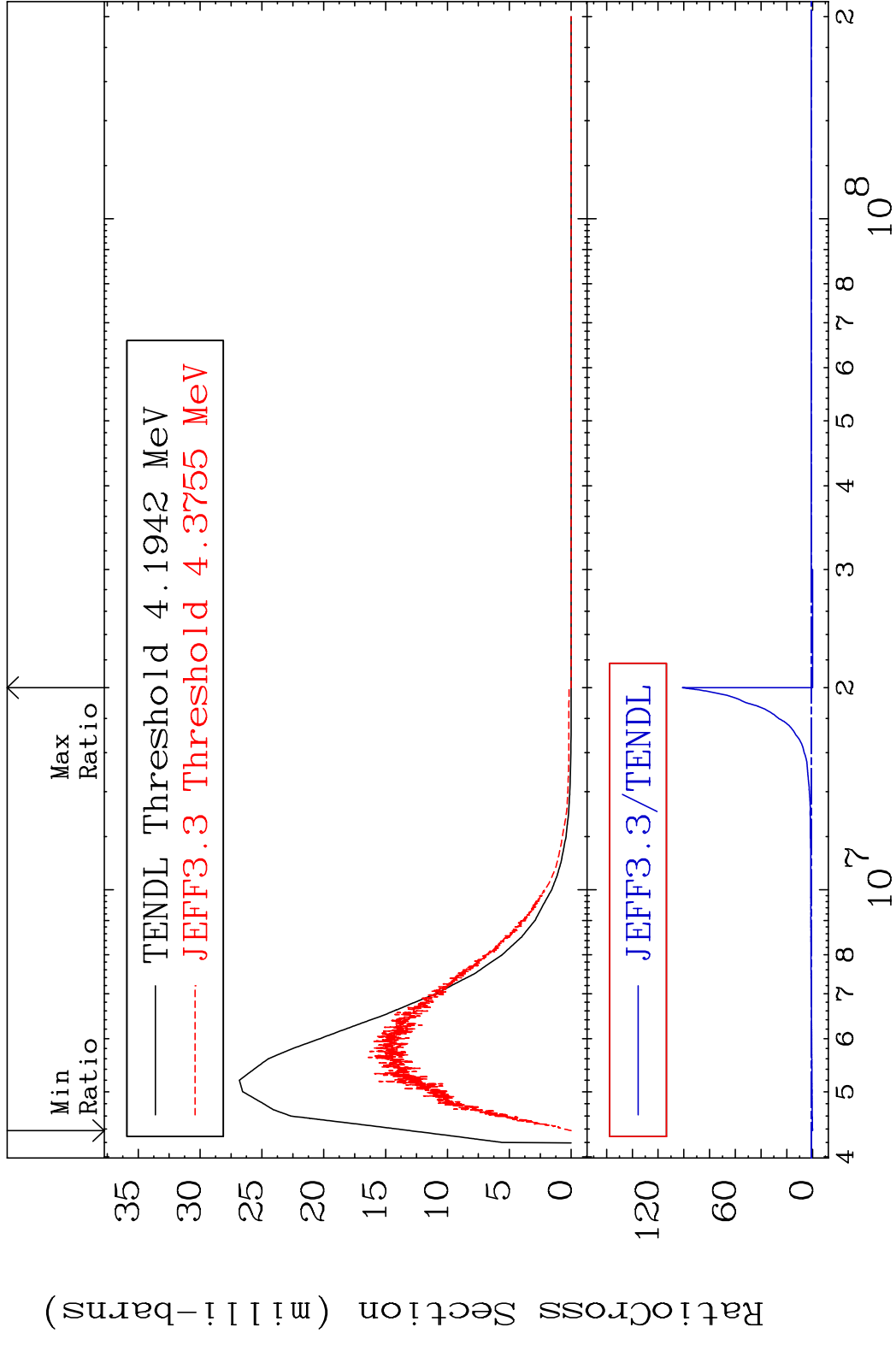
MAT 2631 MT= 71 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 1502. %



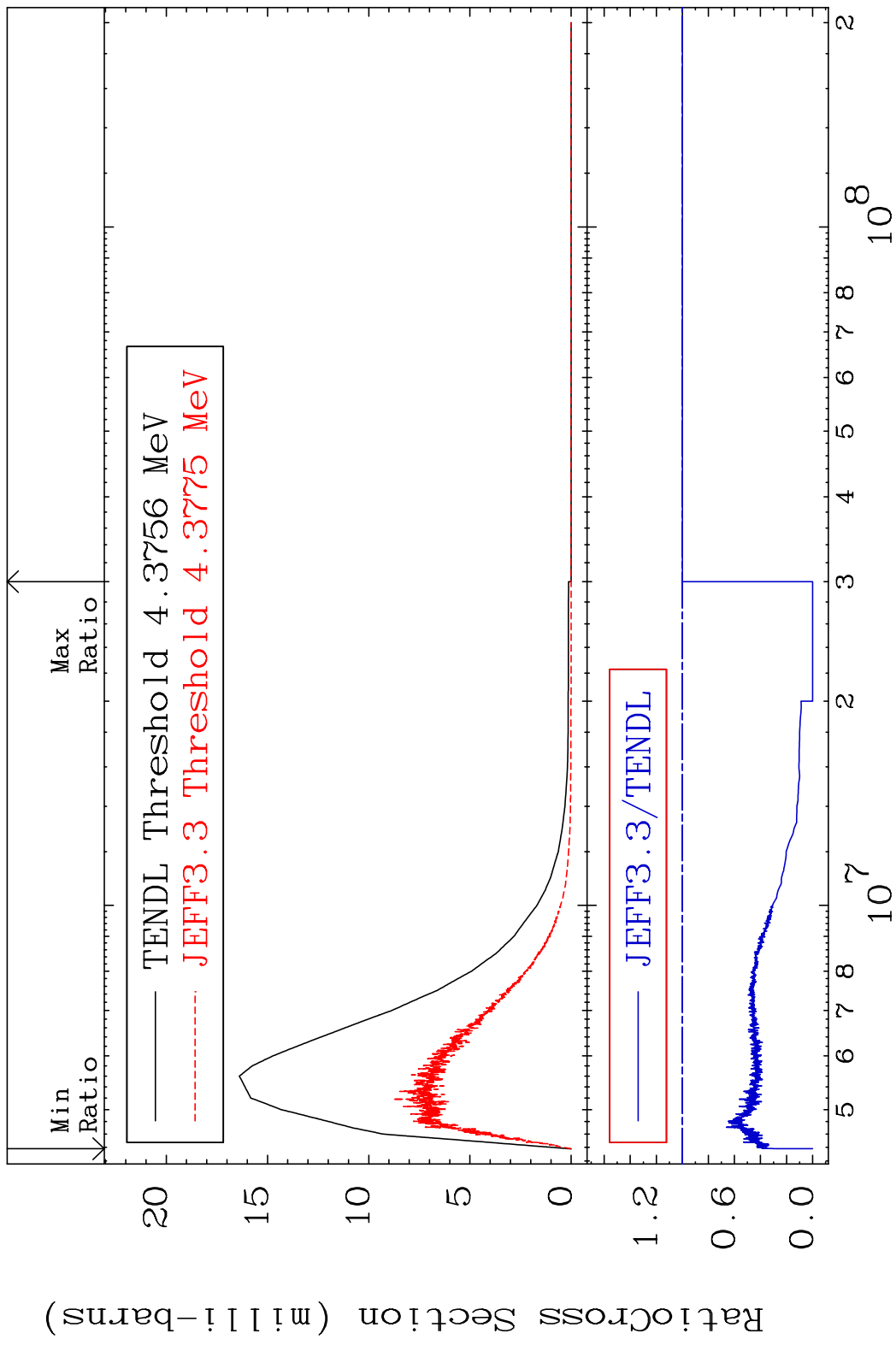
MAT 2631 MT= 72 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 74.51 %



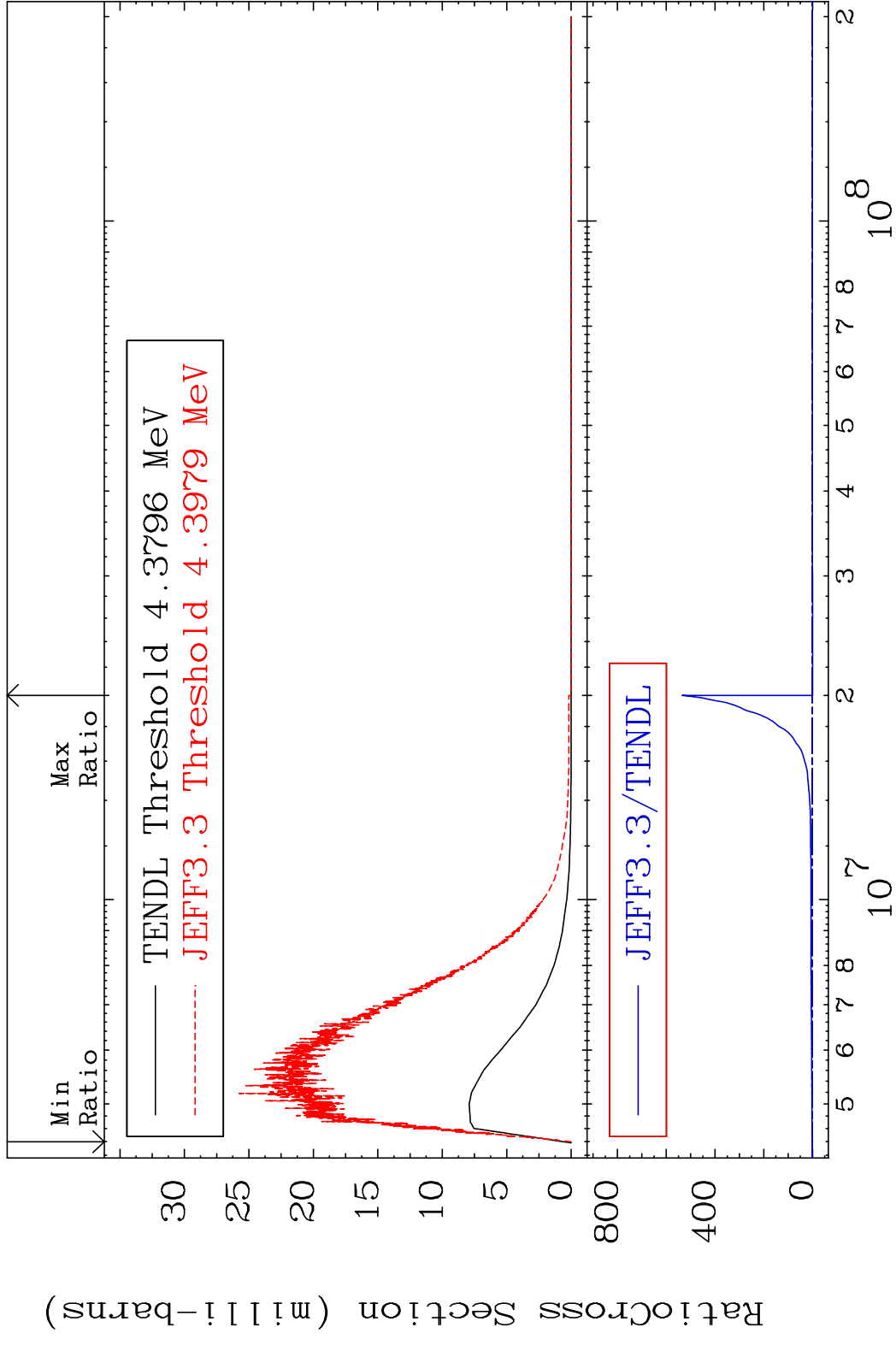
MAT 2631 MT= 73 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 MT= 74 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 0.000 %

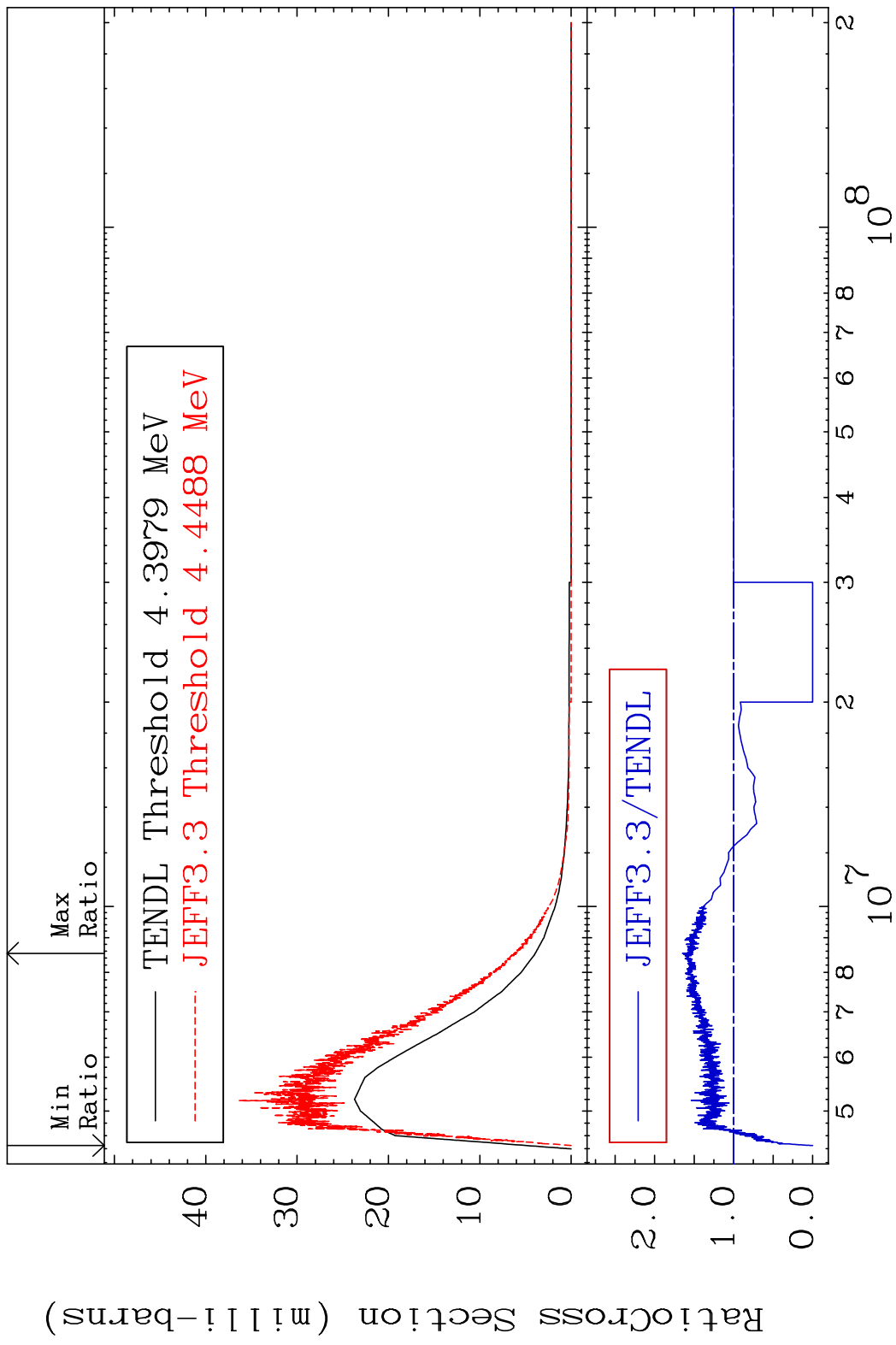


MAT 2631 MT= 75 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %

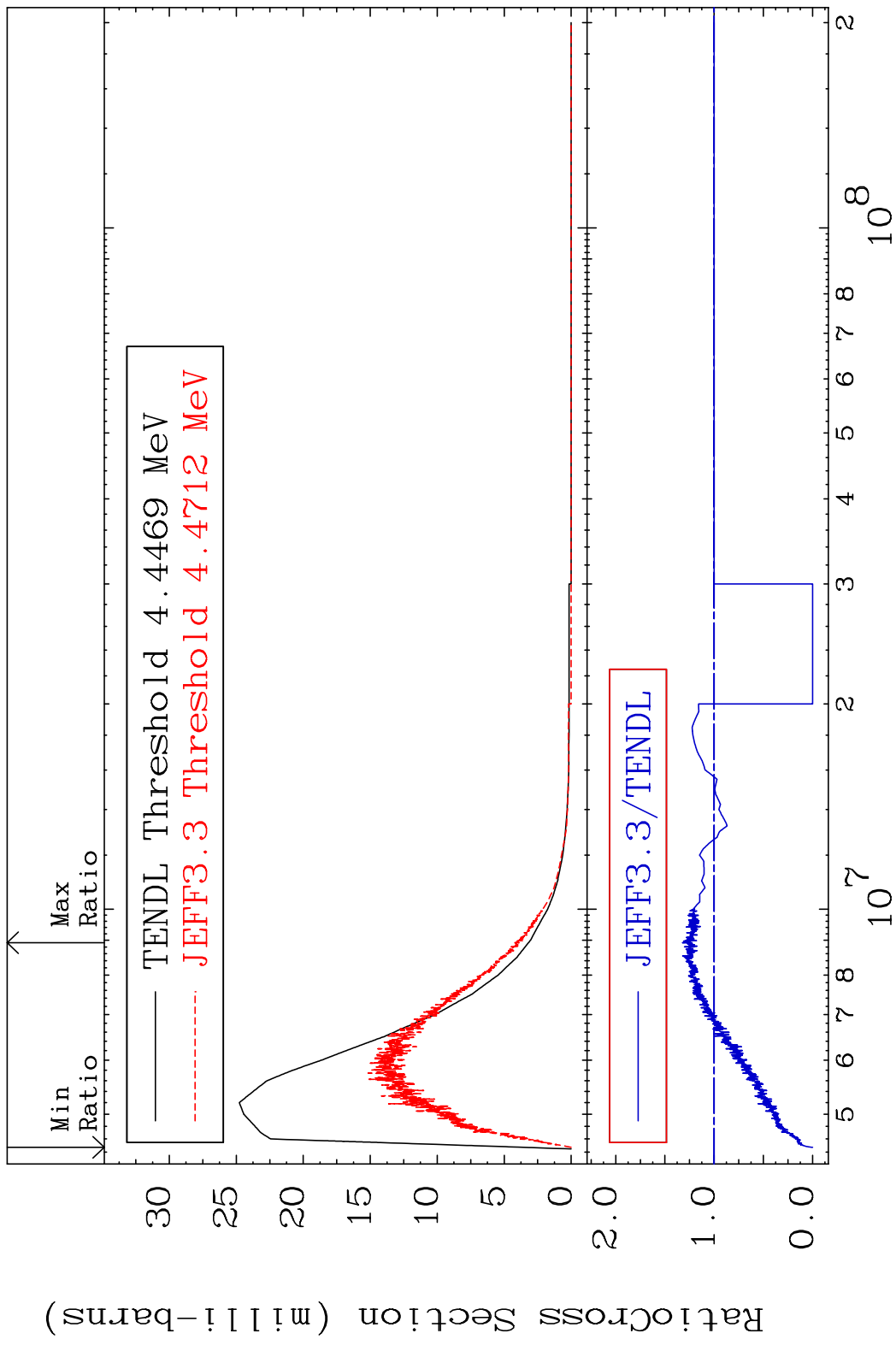


32 Incident Energy (eV) 26-Fe-56

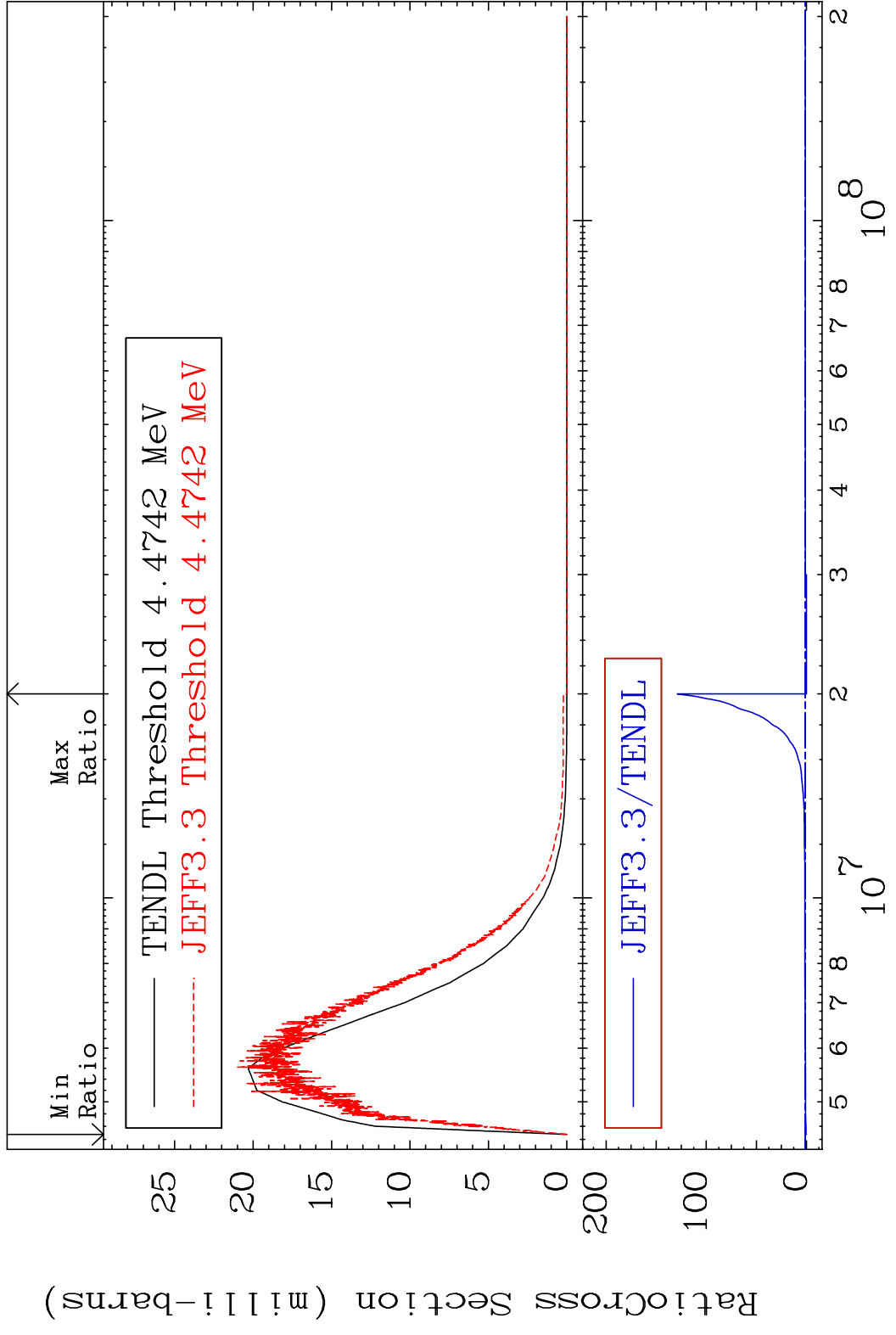
MAT 2631 MT= 76 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 64.94 %



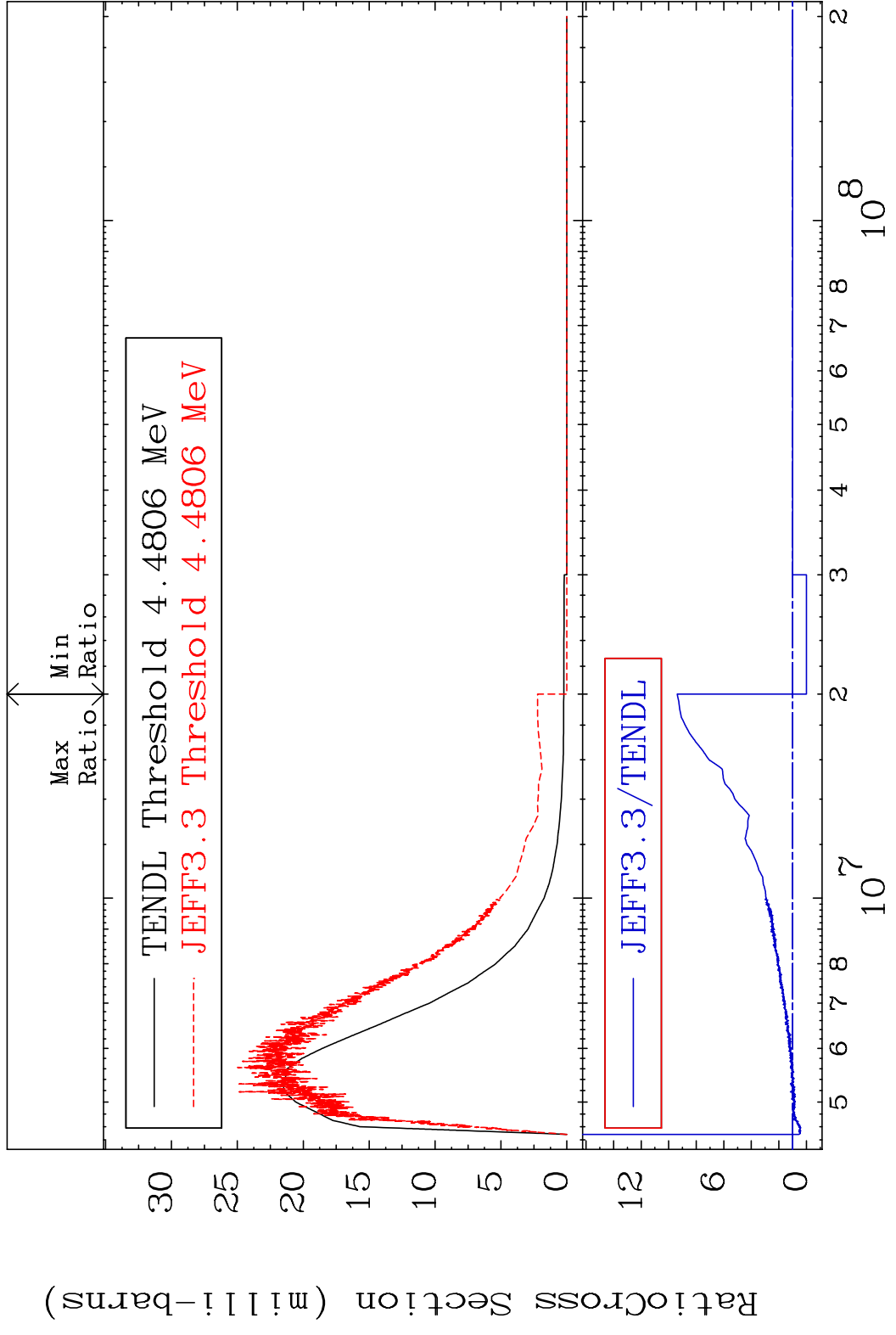
MAT 2631 MT= 77 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 32.30 %



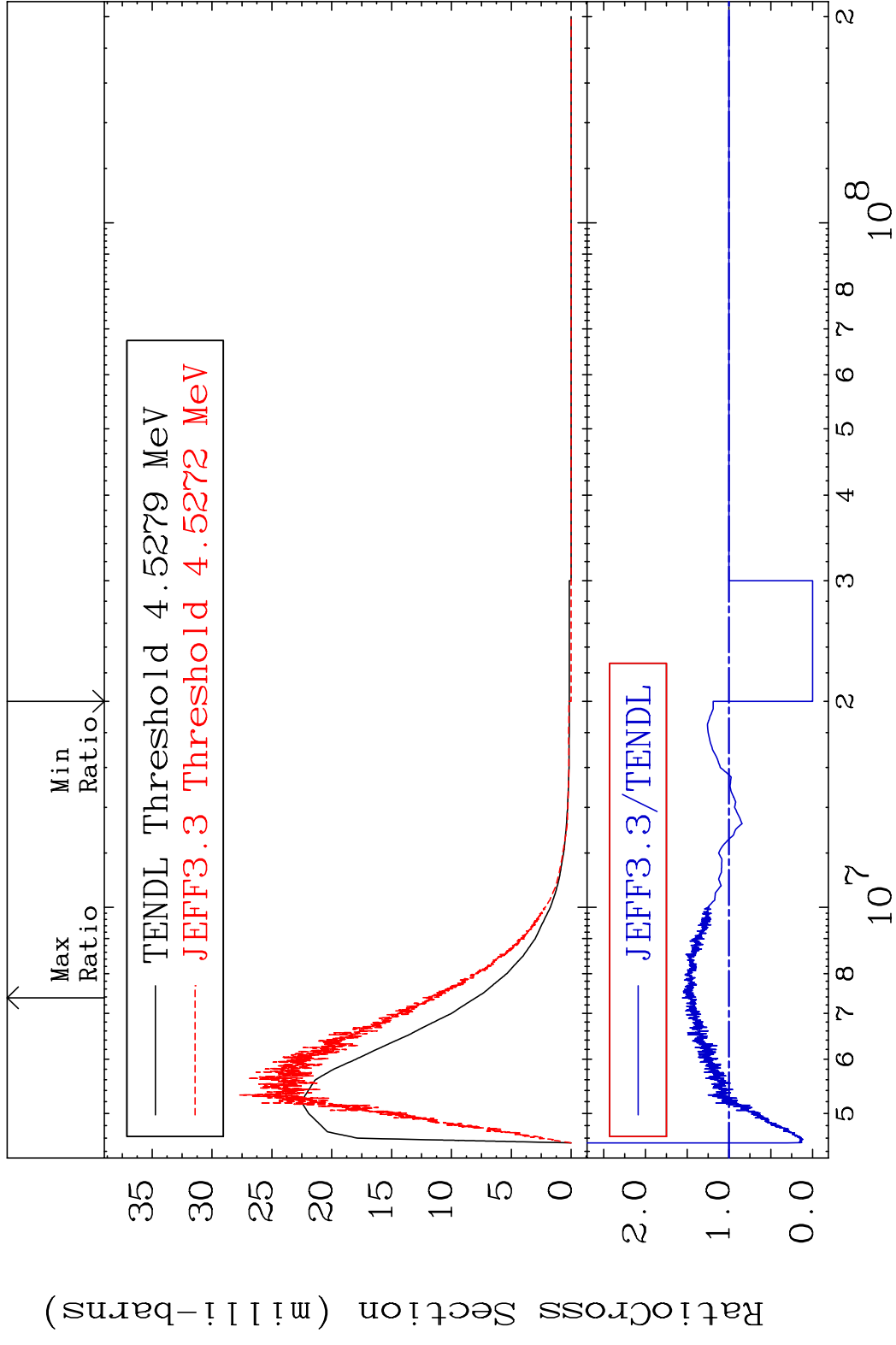
MAT 2631 MT= 78 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



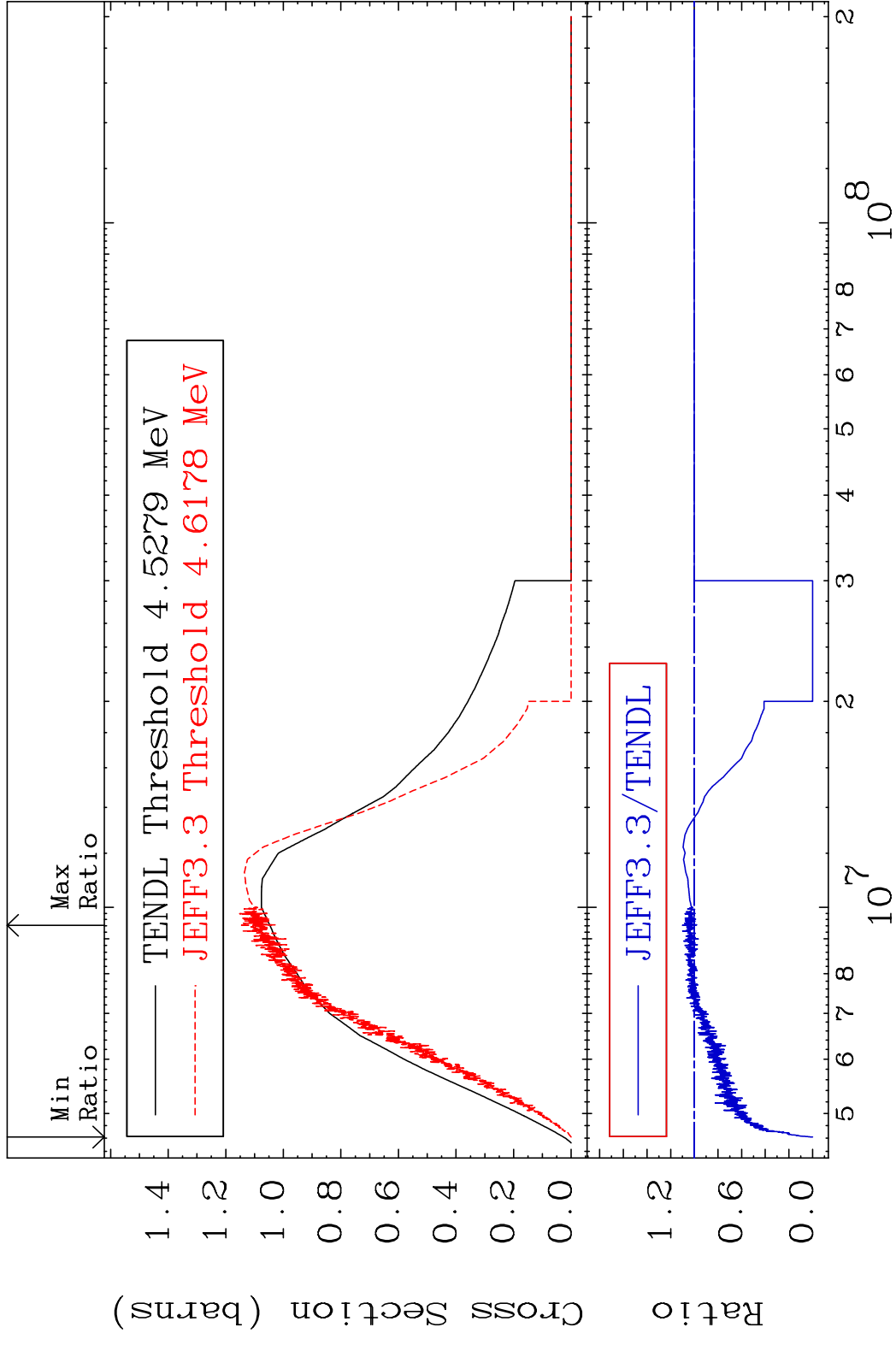
MAT 2631 MT= 79 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 838.3 %



MAT 2631 MT= 80 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 55.85 %



MAT 2631 (n,n') Continuum ²⁶Fe-56
 Cross Section -100.0 To 10.11 %

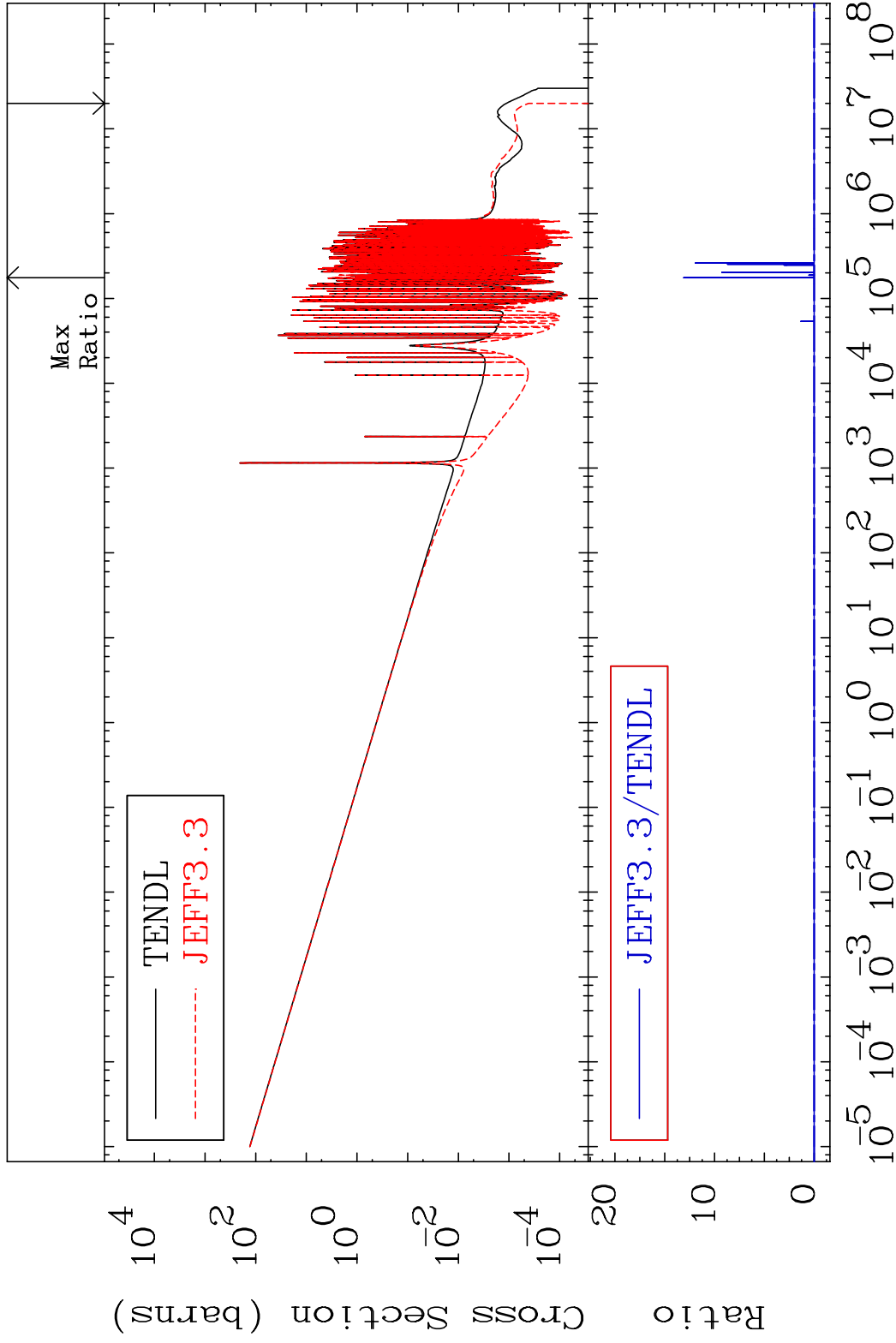


MAT 2631

(n, γ)

²⁶Fe-56

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

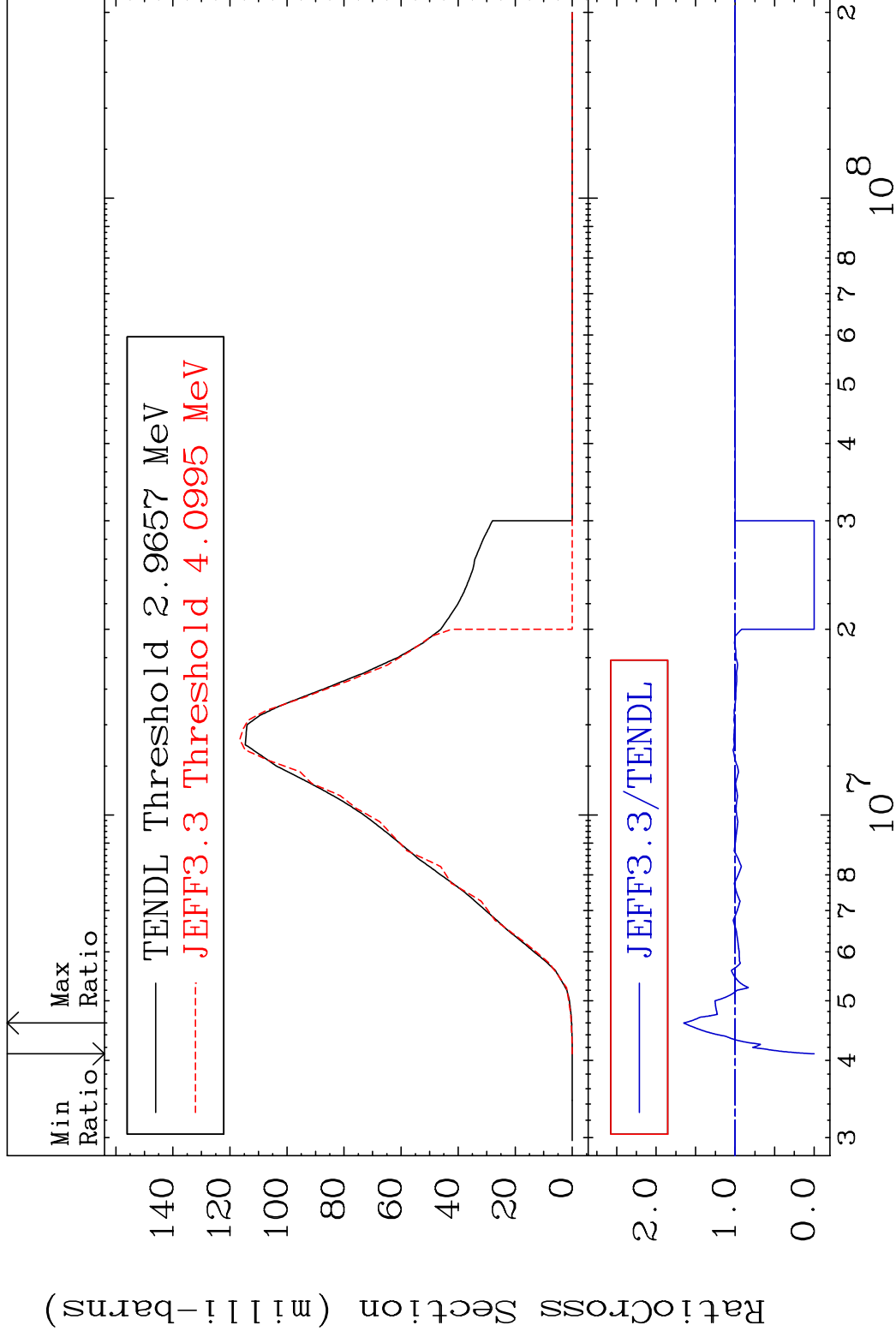
²⁶Fe-56

MAT 2631

(n, p)

²⁶Fe-56

Cross Section -100.0 To 65.16 %

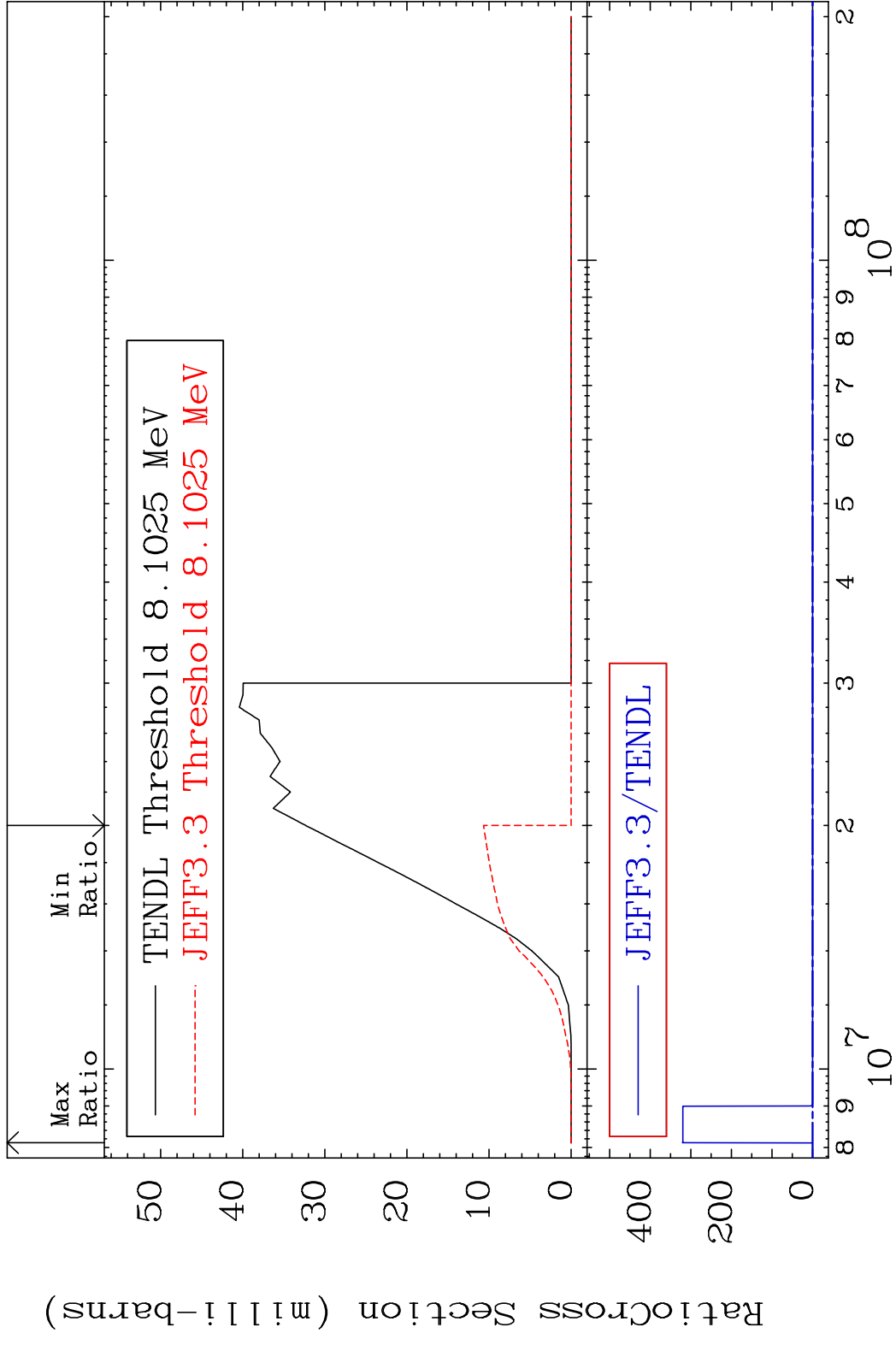


40

Incident Energy (eV)

²⁶Fe-56

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

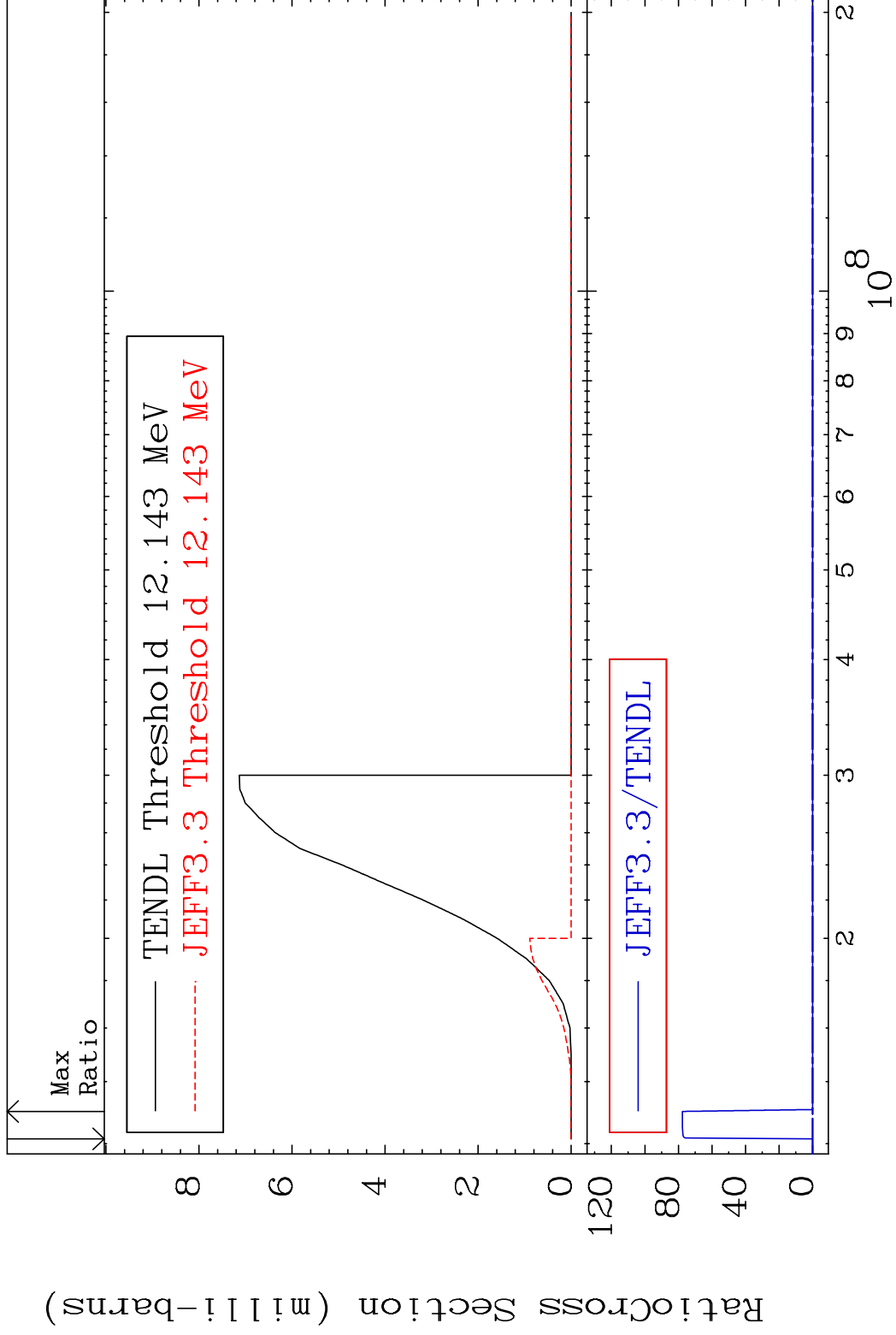


MAT 2631

(n, t)

²⁶Fe-56

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

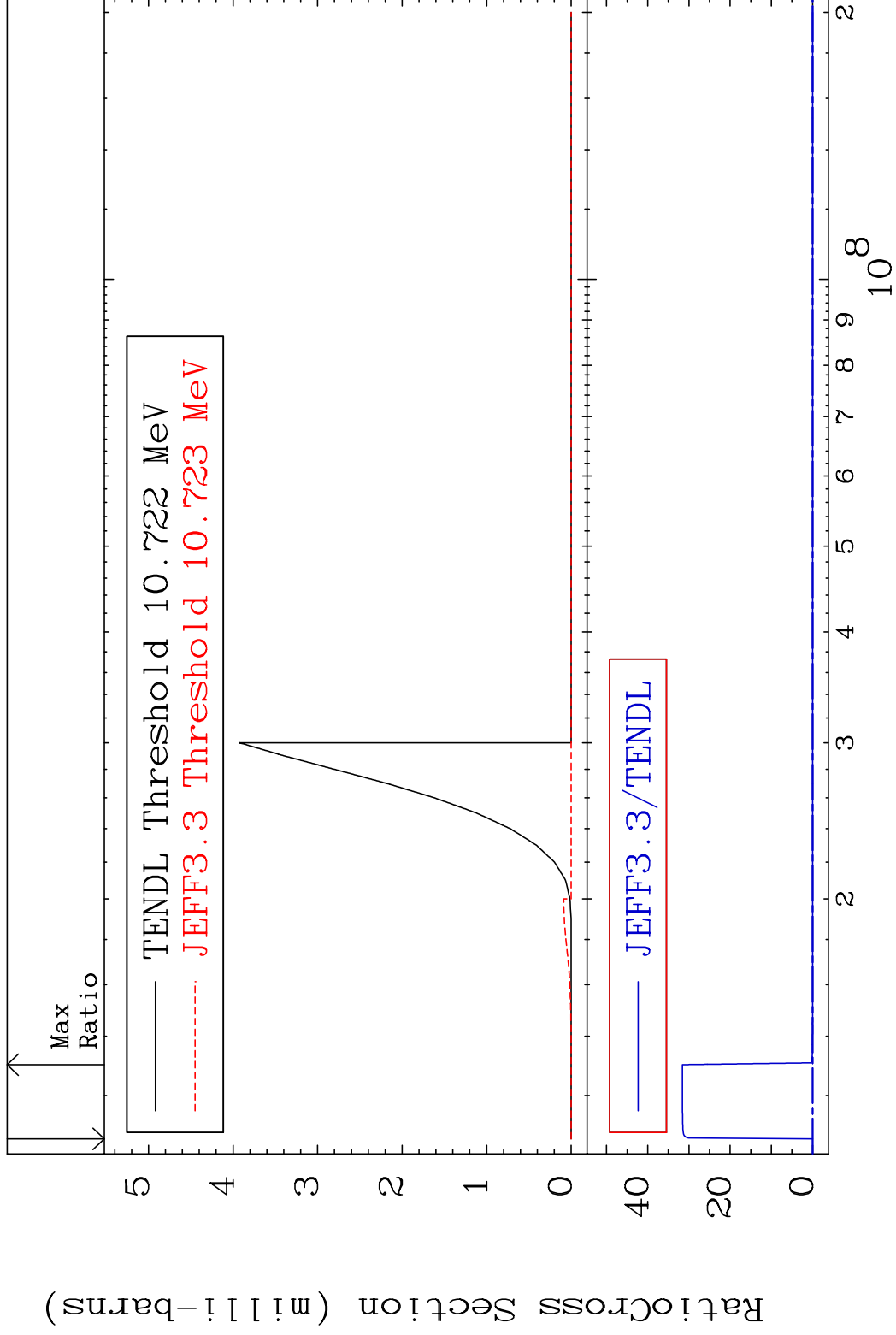
²⁶Fe-56

MAT 2631

(n, He-3)

²⁶Fe-56

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

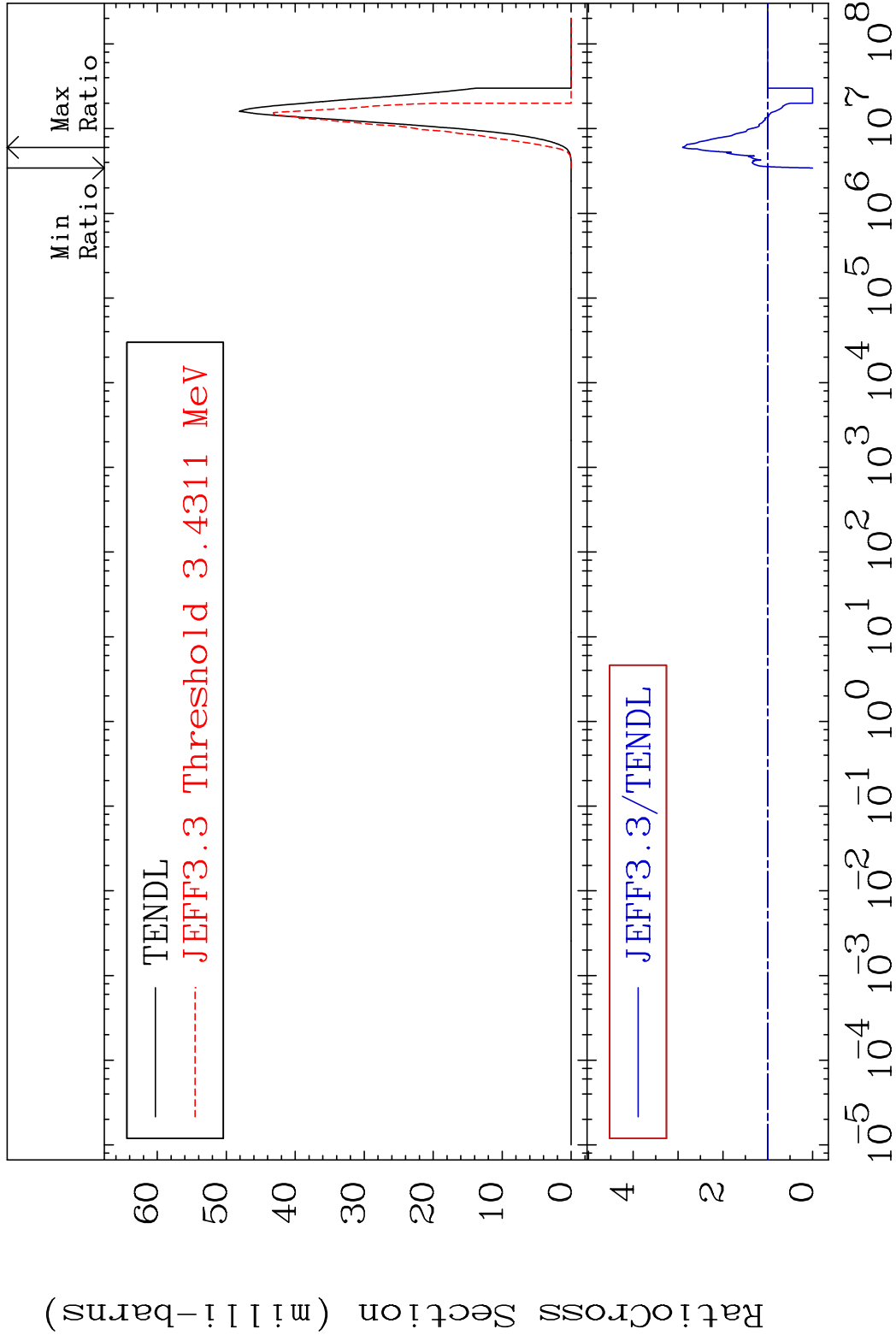
²⁶Fe-56

MAT 2631

(n, α)

²⁶Fe-56

Cross Section -100.0 To 190.4 %

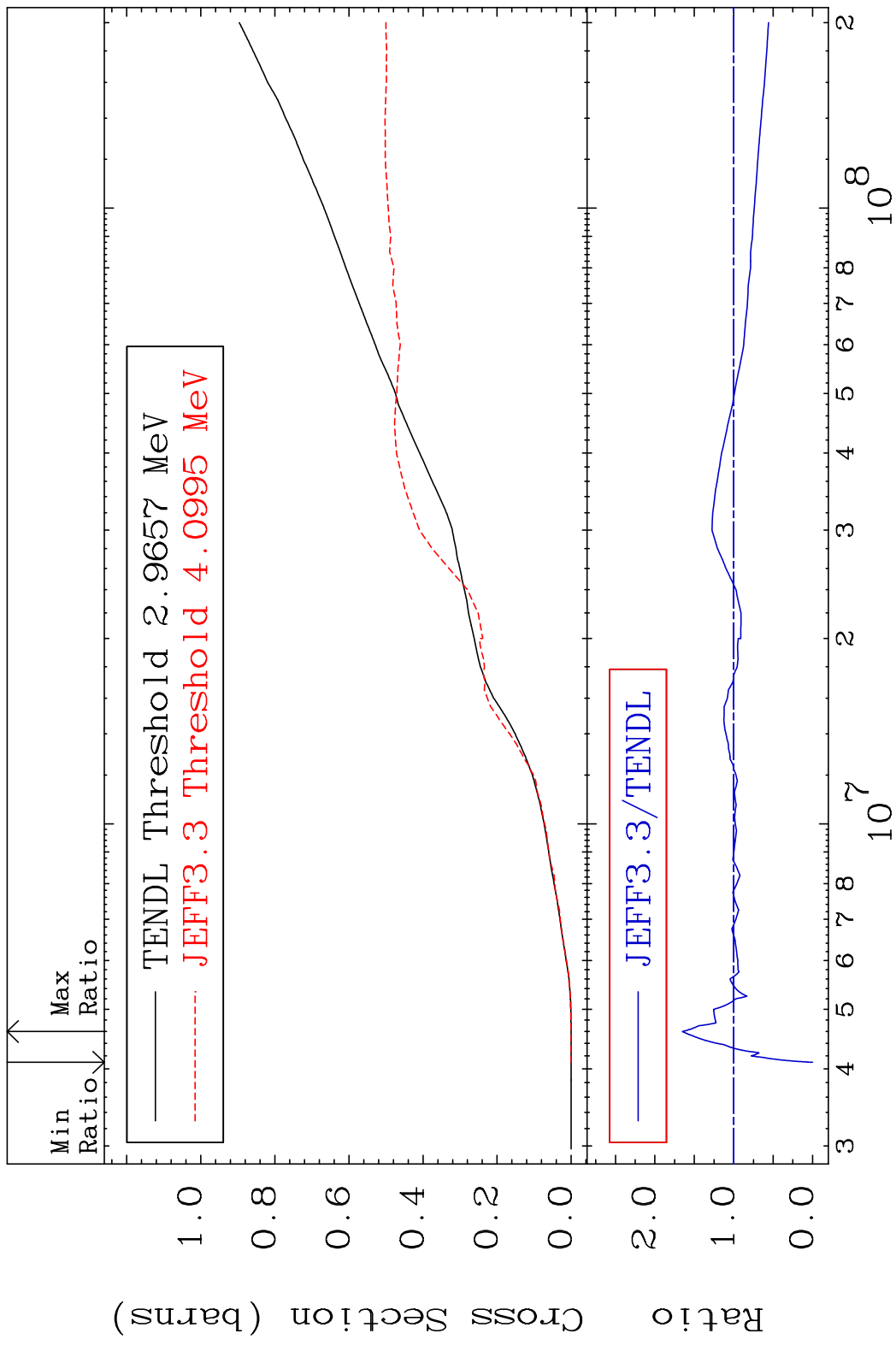


44

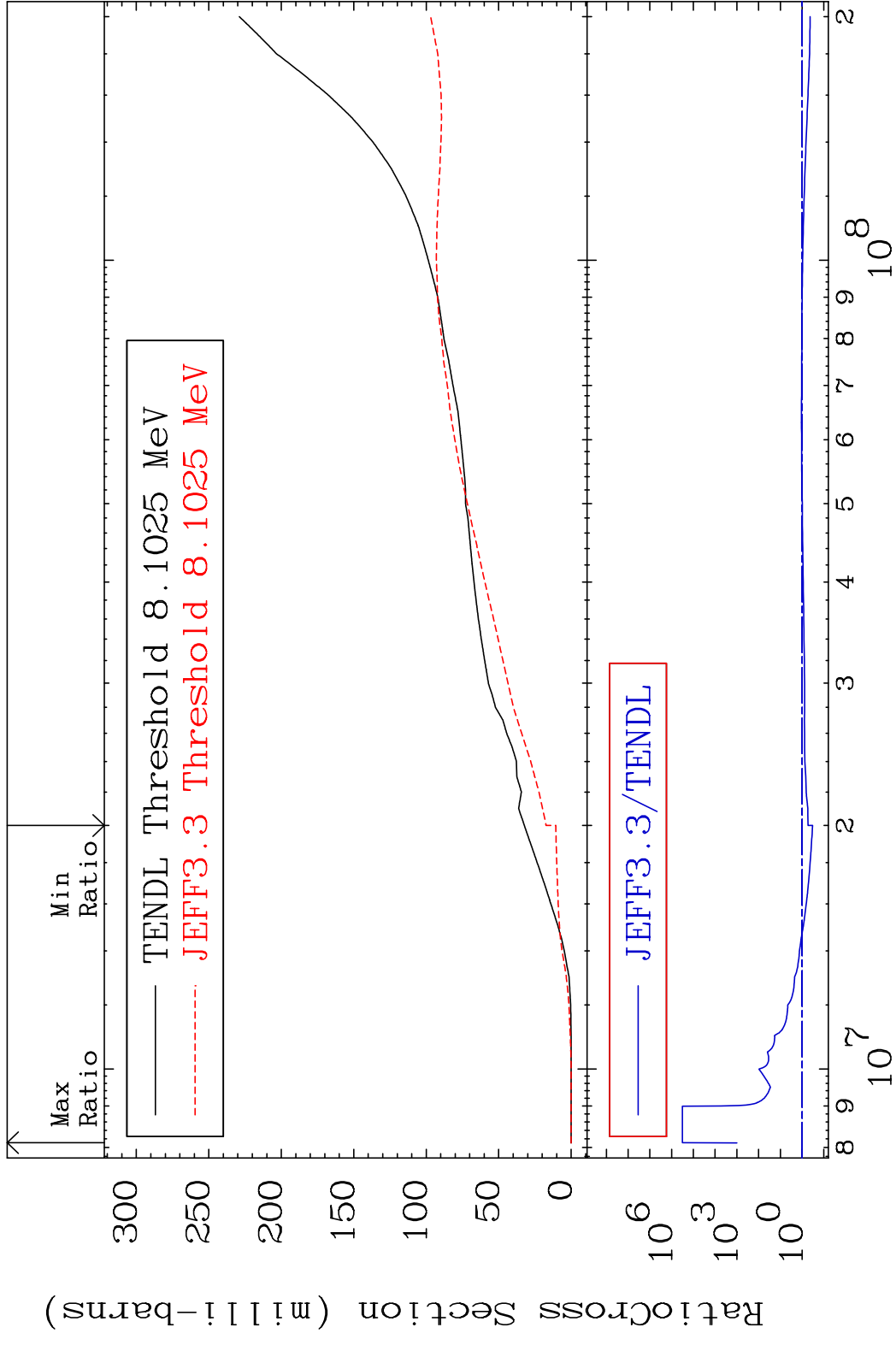
Incident Energy (eV)

²⁶Fe-56

MAT 2631 Hydrogen Production $^{26}\text{Fe-56}$
 Cross Section -100.0 To 65.16 %

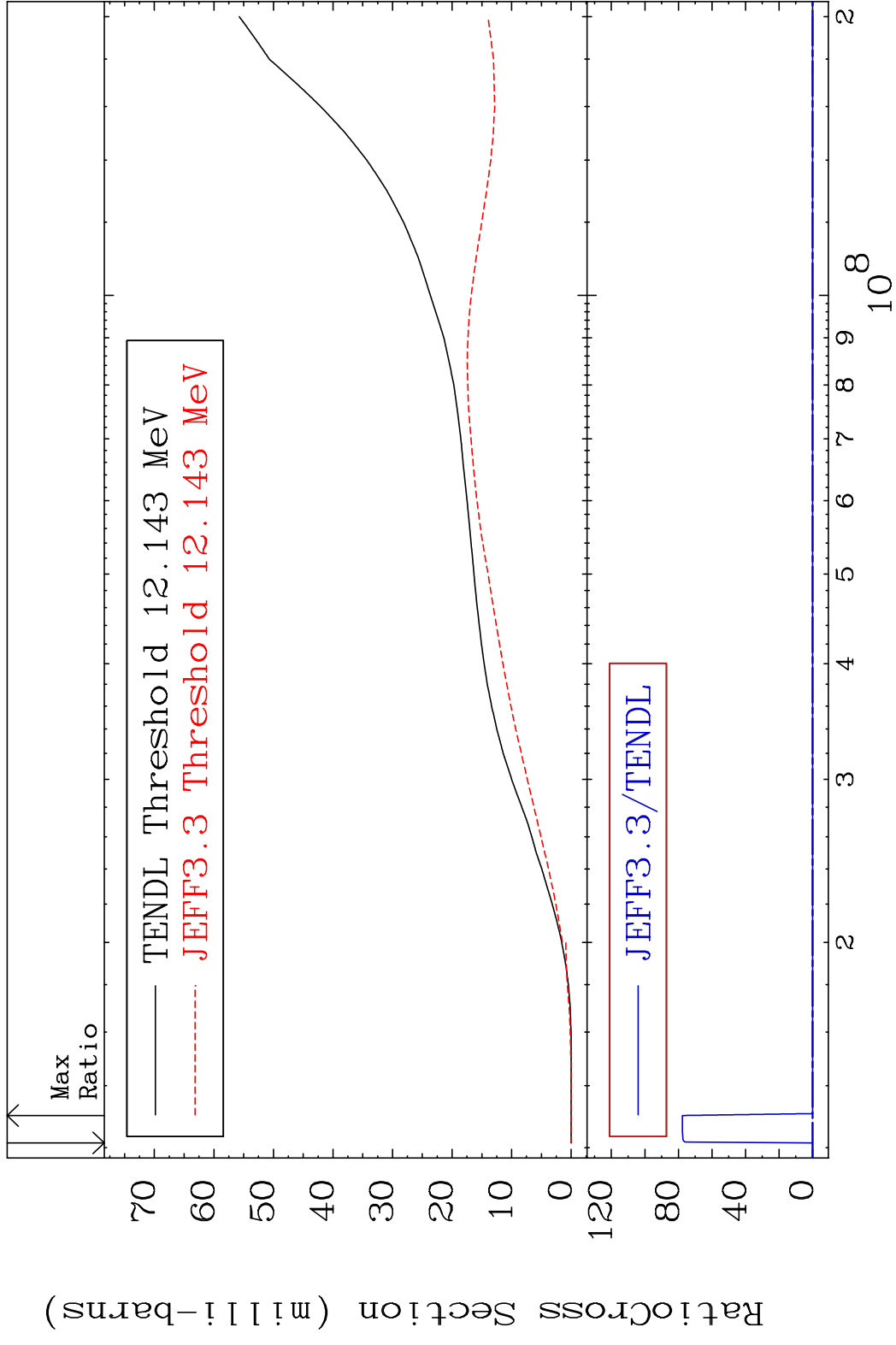


MAT 2631 Deuterium Production $^{26}\text{Fe-56}$
 Cross Section -67.00 To 9999. %

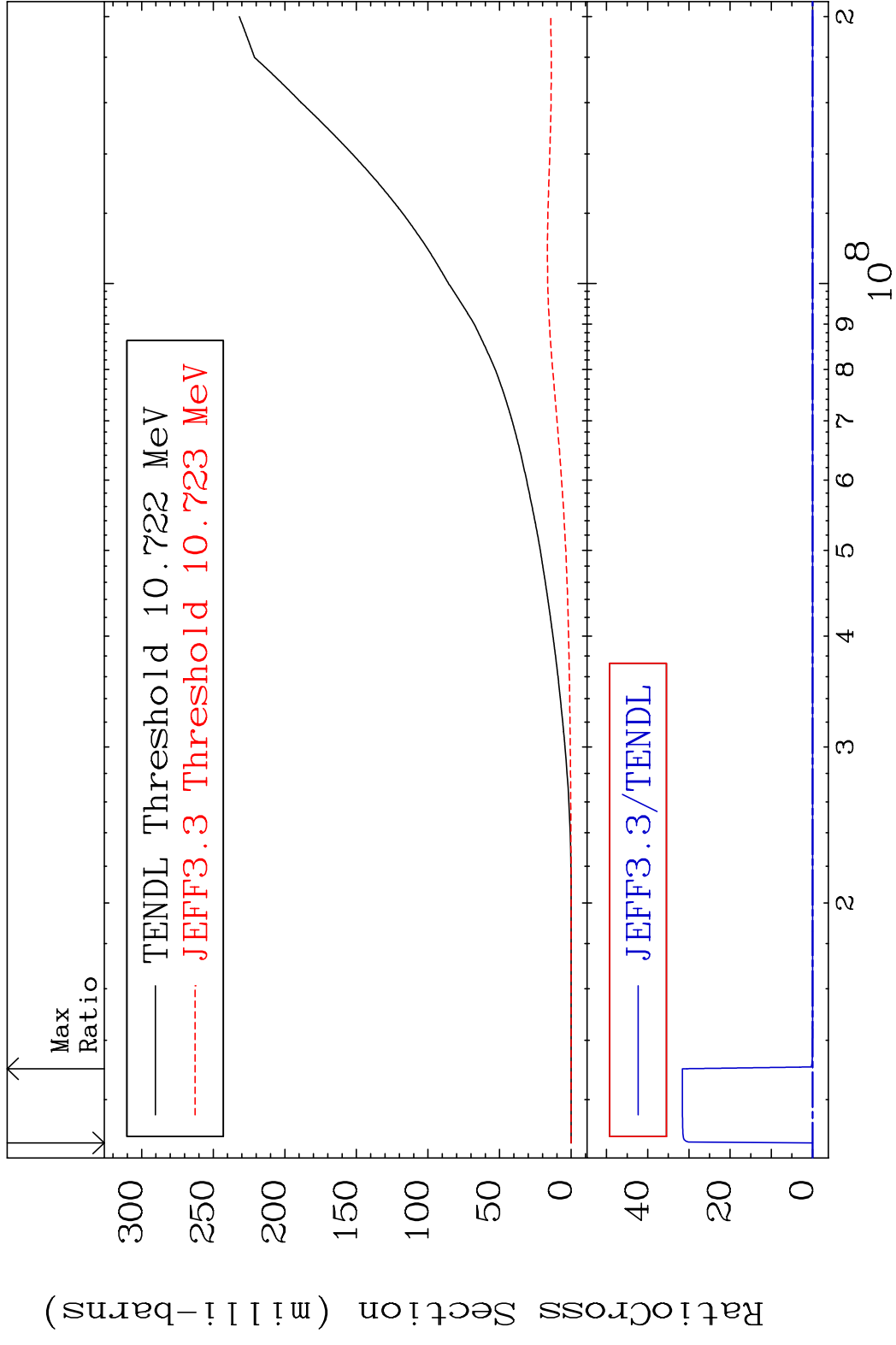


46 $^{26}\text{Fe-56}$

MAT 2631 Tritium Production ²⁶Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 He-3 Production 26-Fe-56
 Cross Section -100.0 To 9999. %

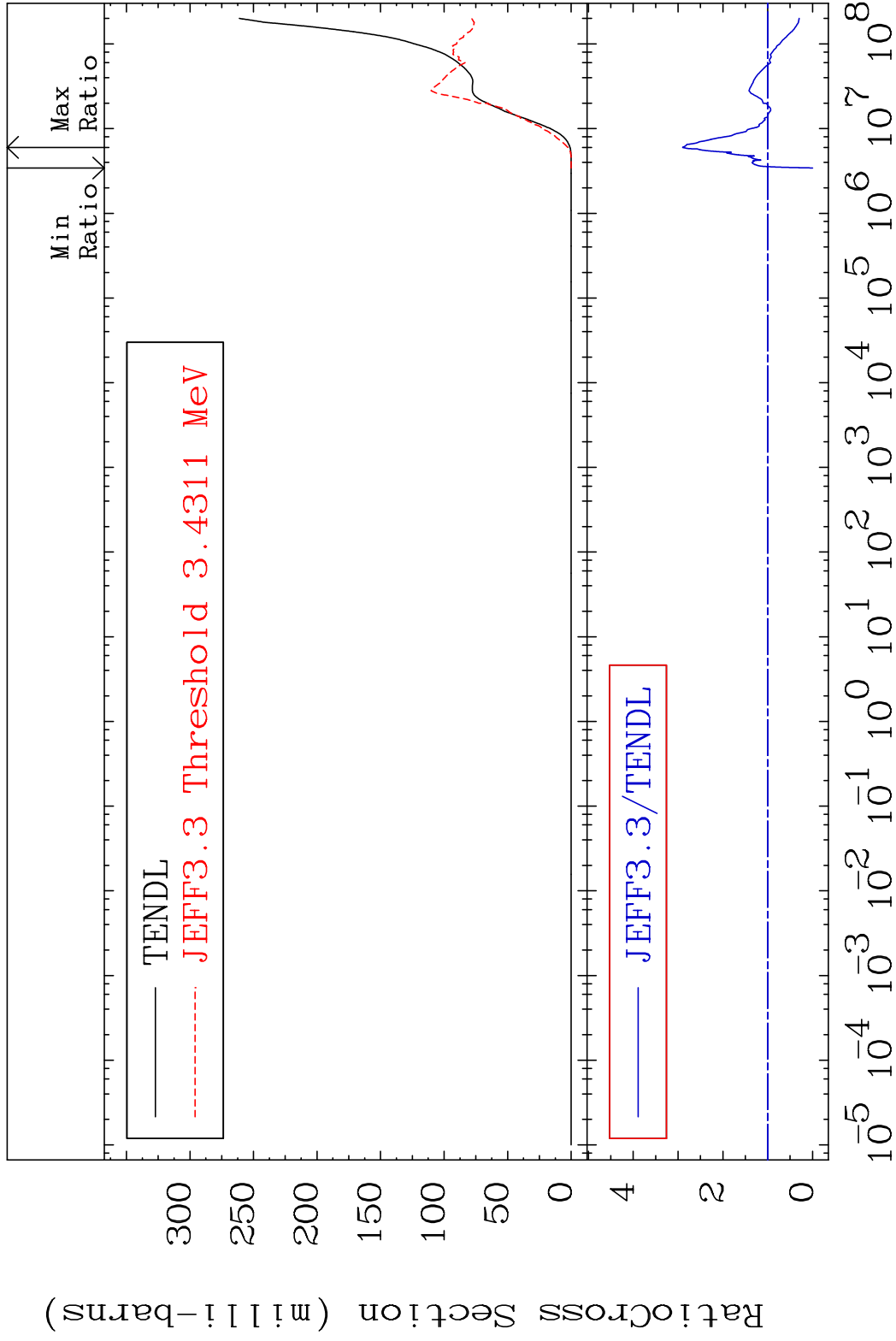


MAT 2631

He-4 Production

²⁶Fe-56

Cross Section -100.0 To 190.4 %

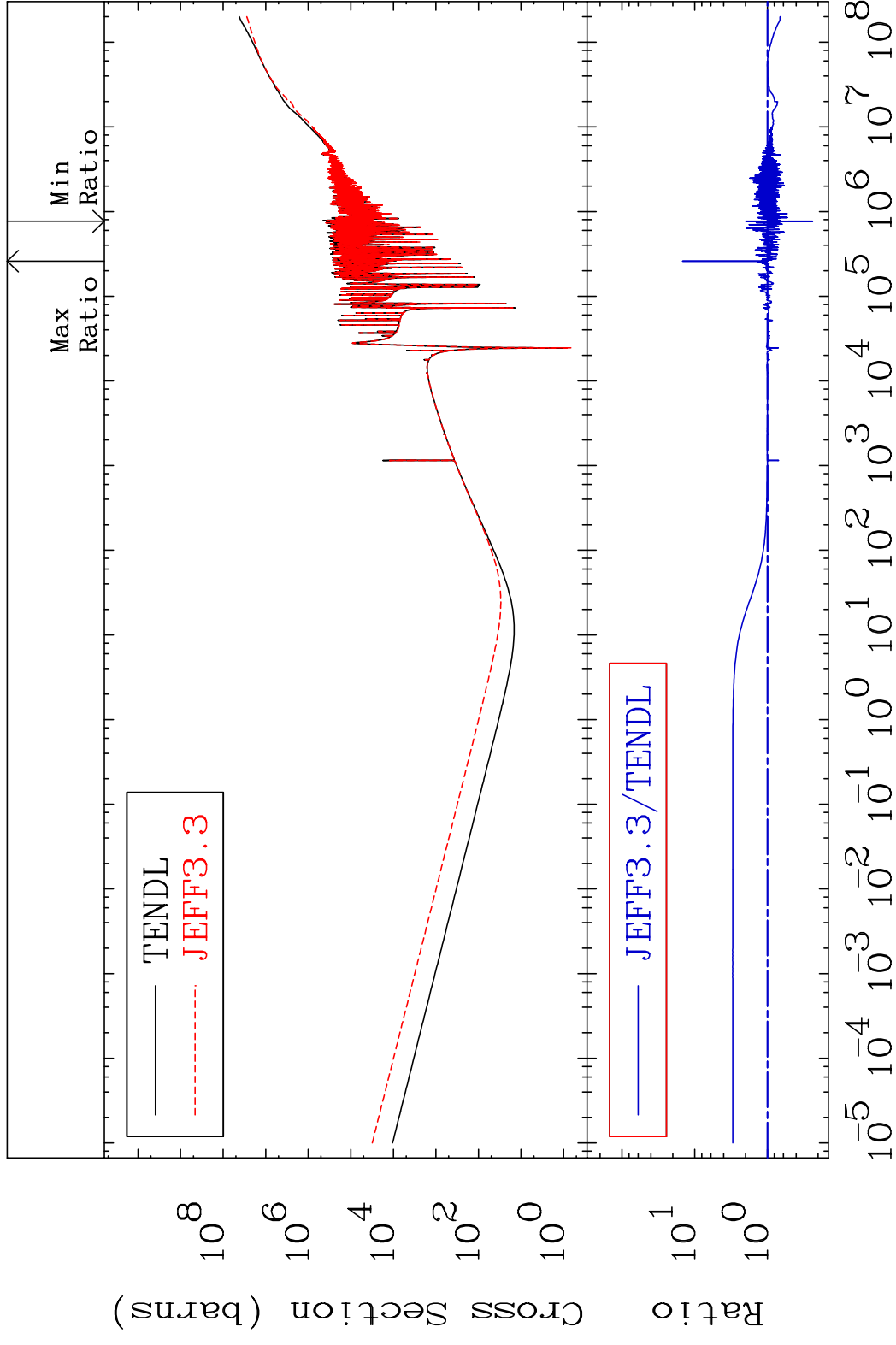


49

Incident Energy (eV)

²⁶Fe-56

MAT 2631 Kerma total (eV-barns) 26-Fe-56
 Cross Section -76.12 To 1377. %

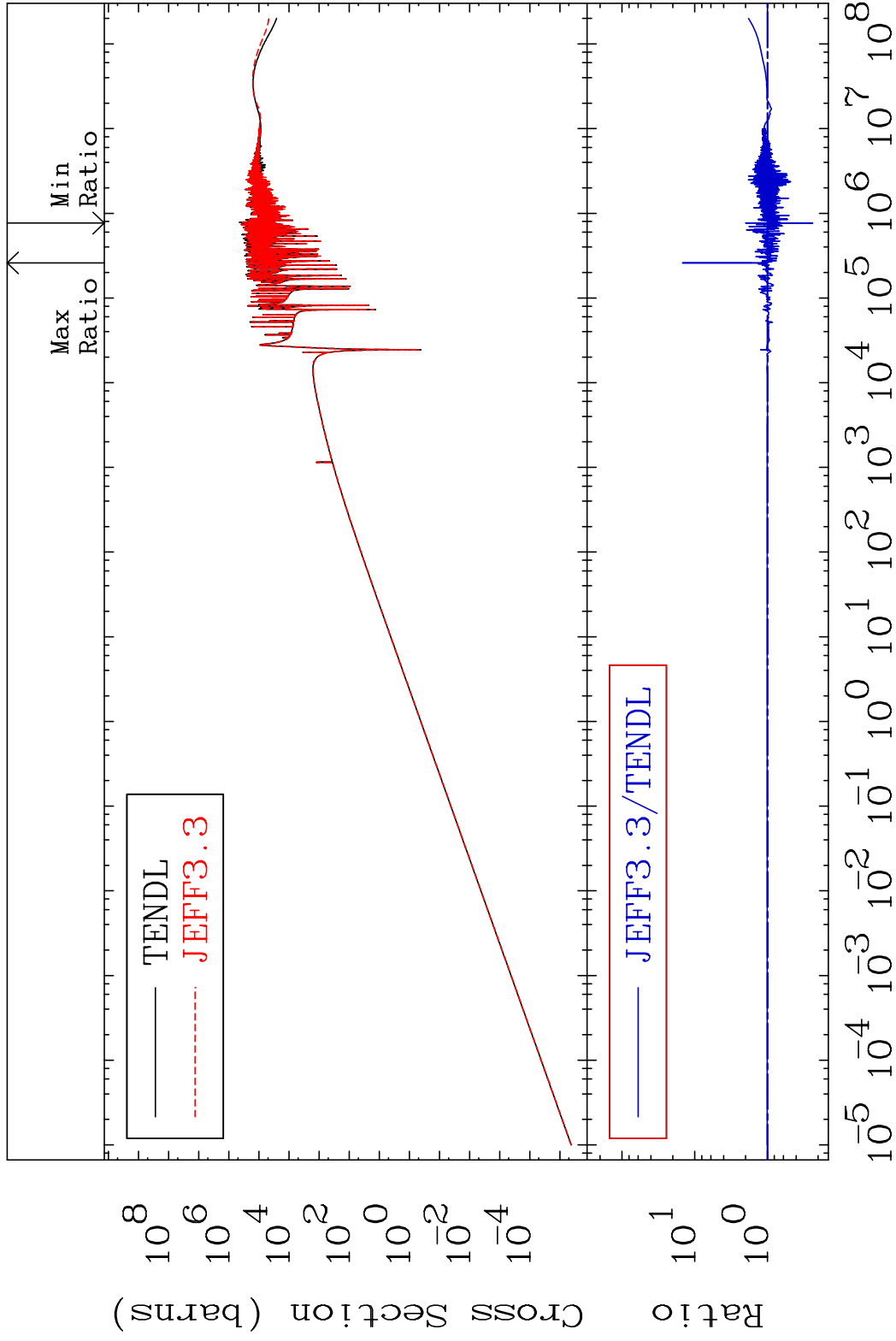


50 Incident Energy (eV) 26-Fe-56

MAT 2631

Kerma elastic
Cross Section

26-Fe-56
-76.12 To 1377. %

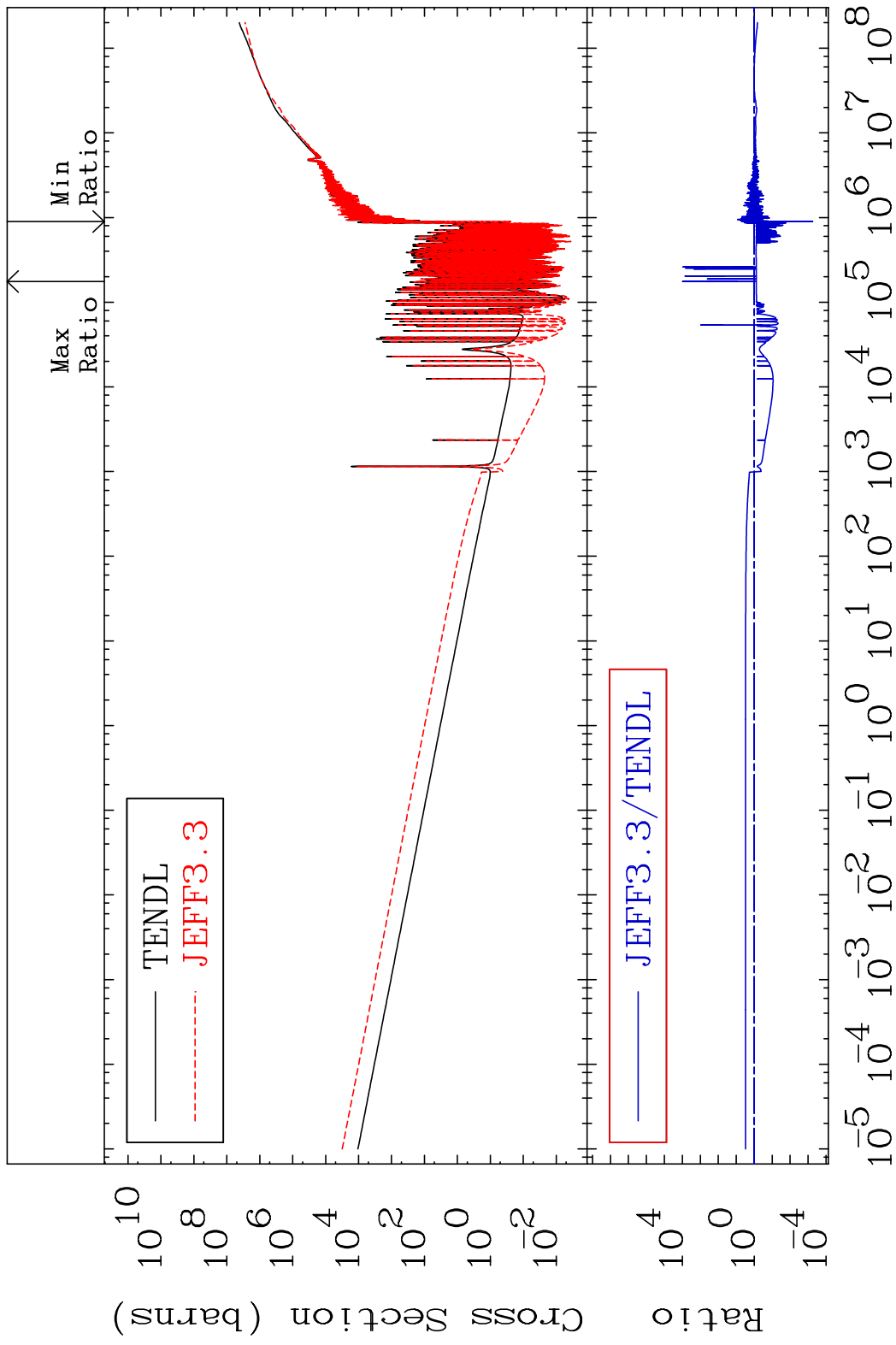


51

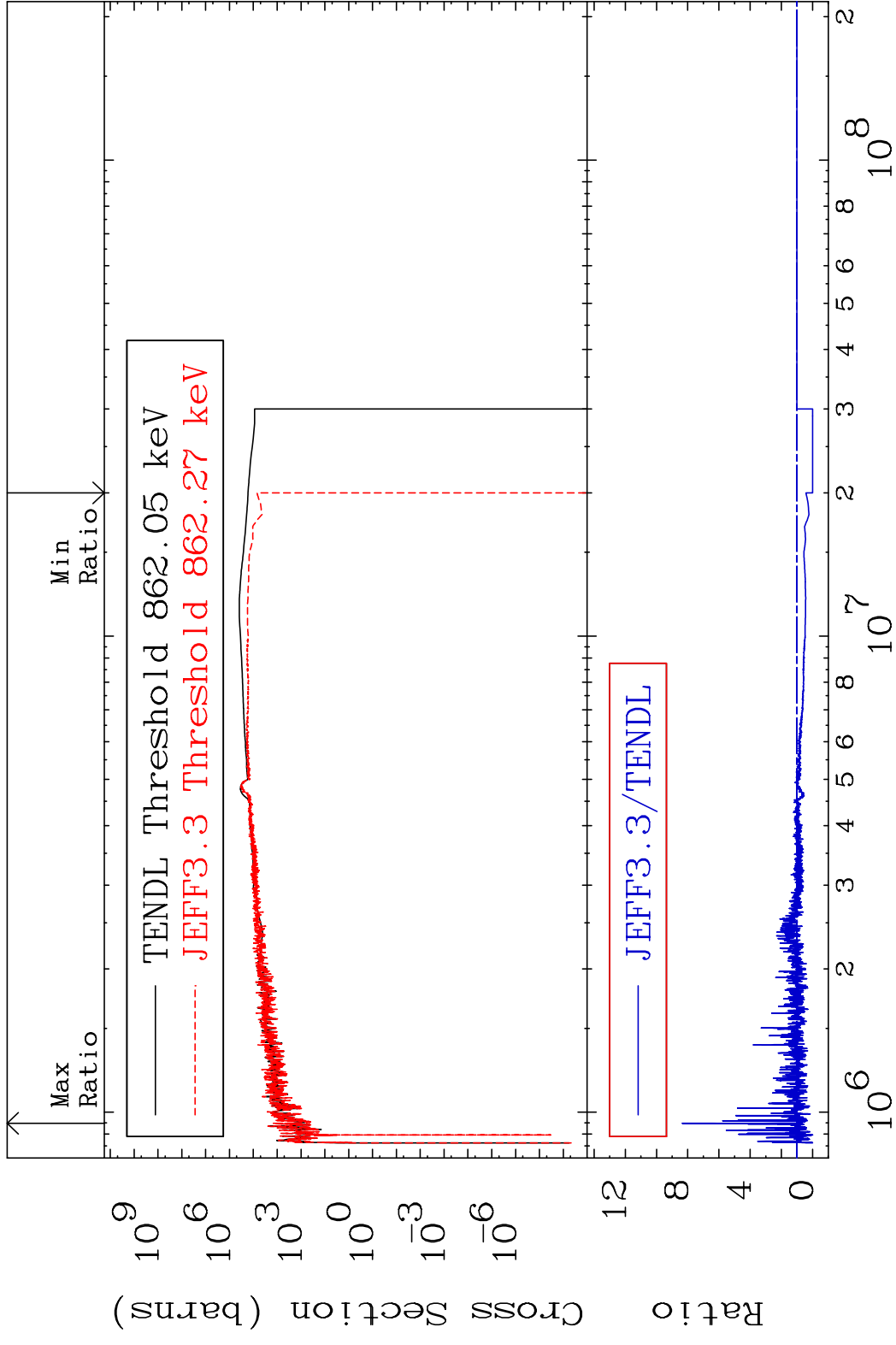
Incident Energy (eV)

26-Fe-56

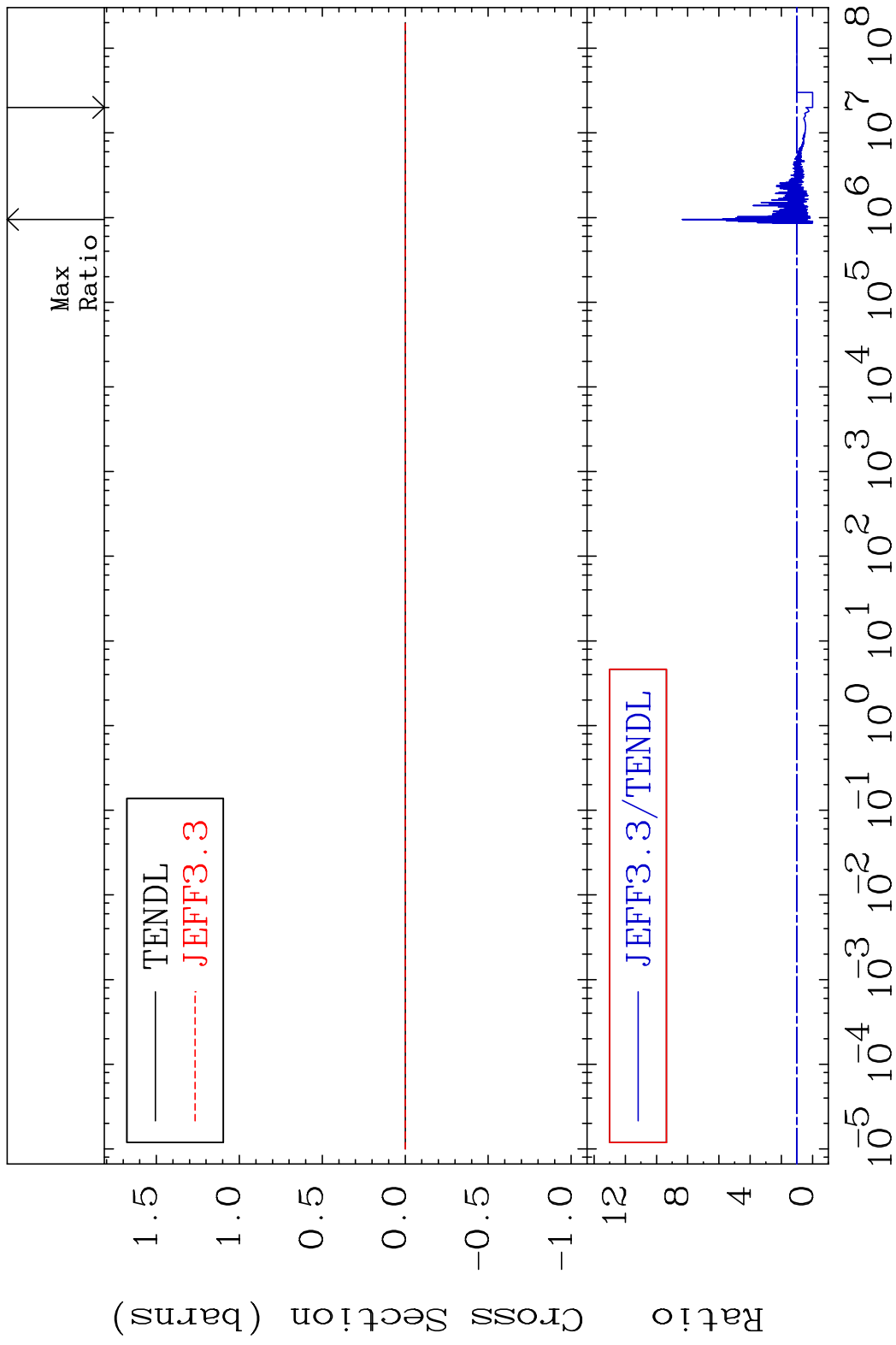
MAT 2631 Kerma non-elastic (all but mt2) 26-Fe-56
 Cross Section -99.94 To 9999. %



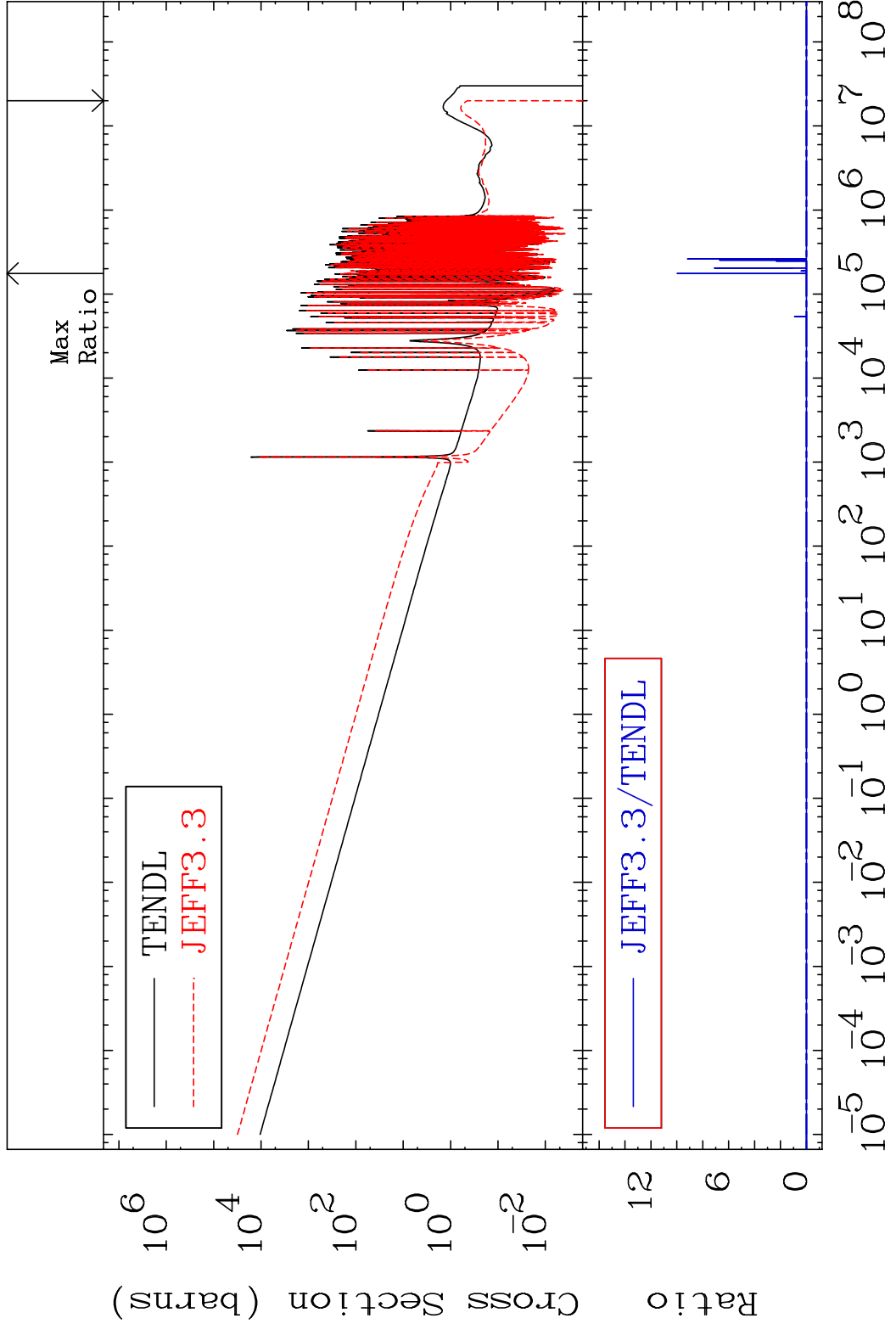
MAT 2631 Kerma inelastic (mt51-91) 26-Fe-56
 Cross Section -100.0 To 734.5 %



MAT 2631 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-56
 Cross Section -100.0 To 734.5 %

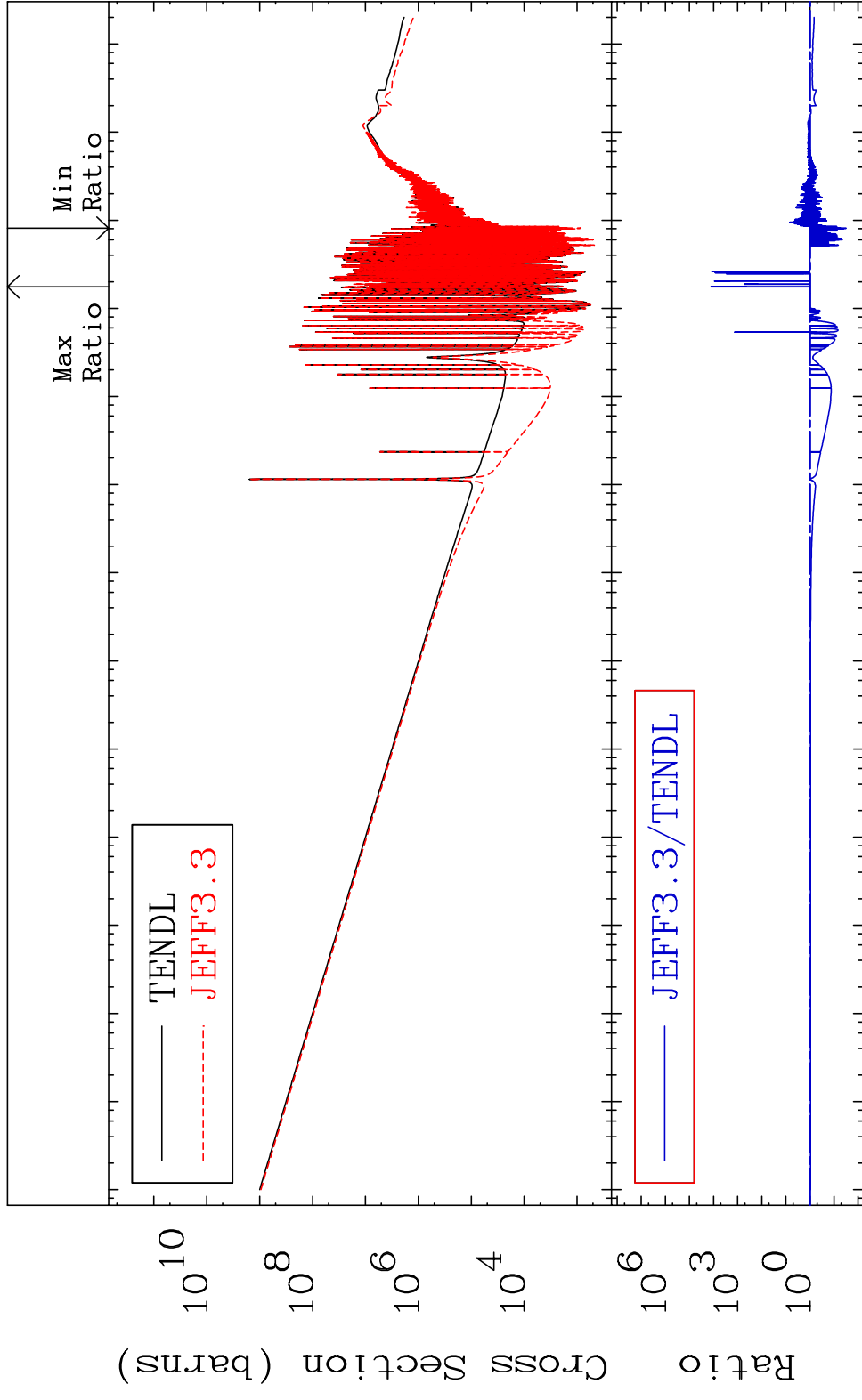


MAT 2631 Kerma capture (mt102) 26-Fe-56
 Cross Section -100.0 To 9999. %



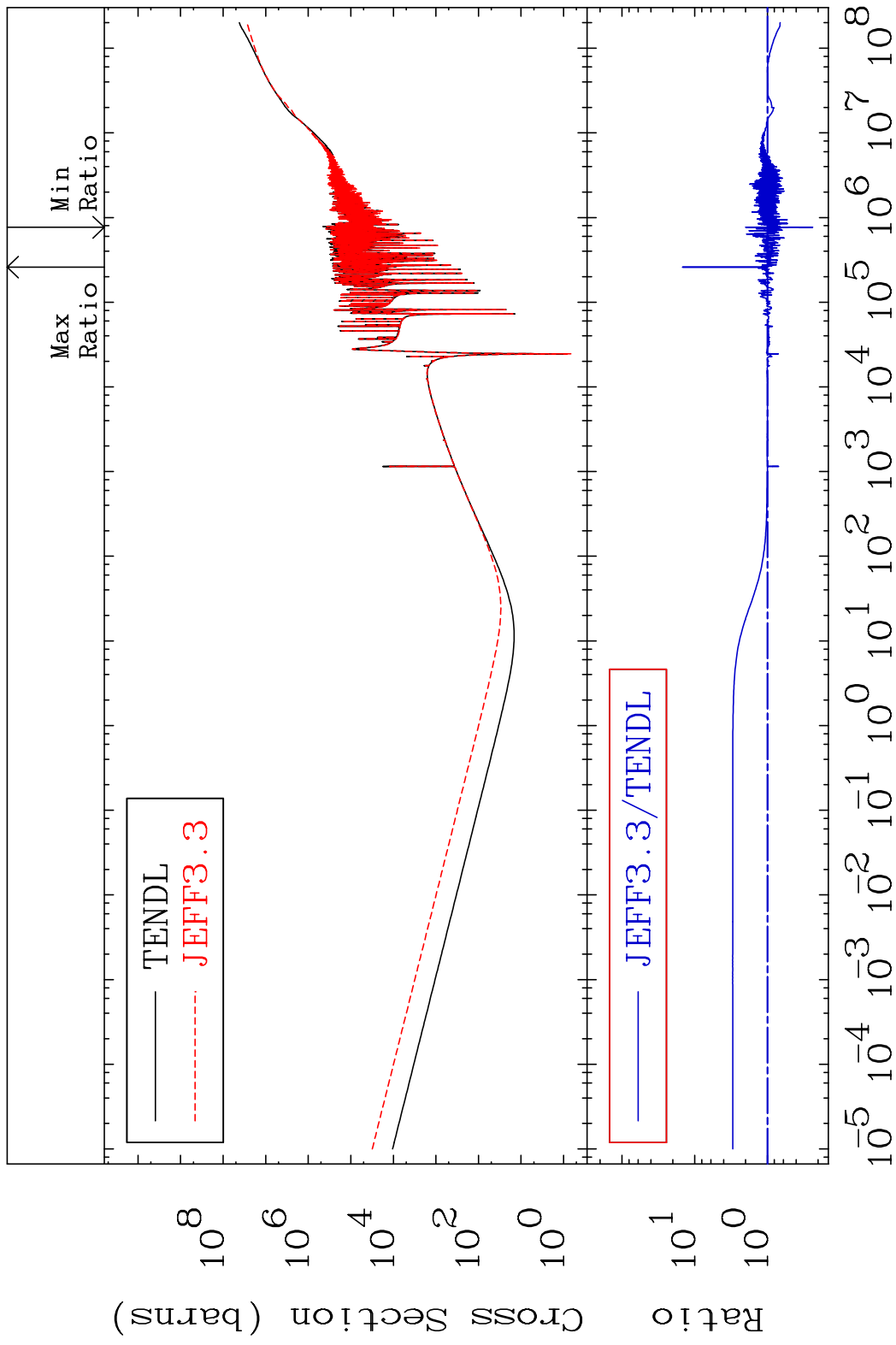
55 Incident Energy (eV) 26-Fe-56

MAT 2631 Total photon (eV-barns) 26-Fe-56
 Cross Section -96.92 To 9999. %

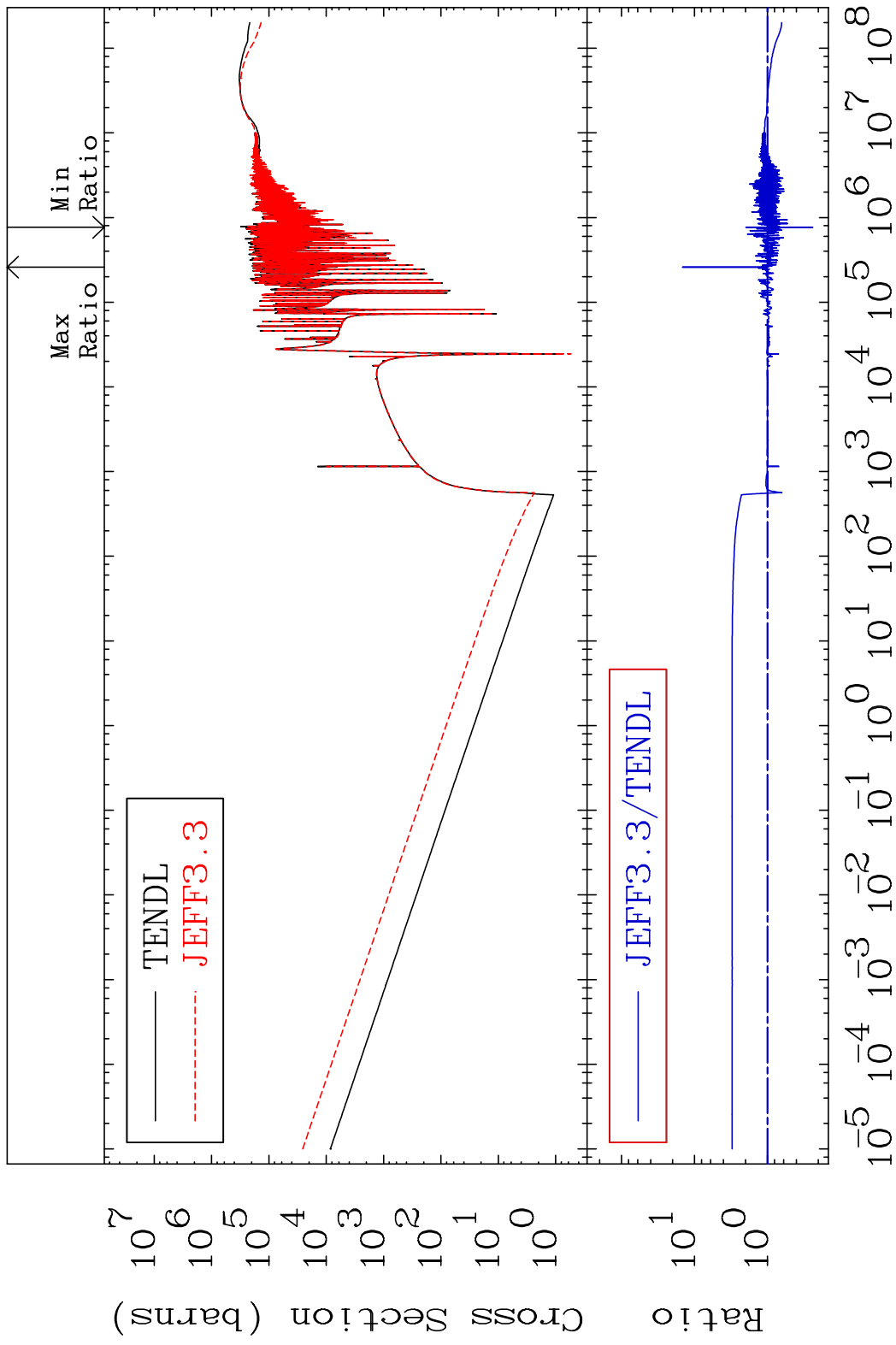


56 Incident Energy (eV) 26-Fe-56

MAT 2631 Total kinematic kerma (high limit) 26-Fe-56
 Cross Section -76.12 To 1377. %



MAT 2631 Dpa total (eV-barns) 26-Fe-56
 Cross Section -75.95 To 1368. %

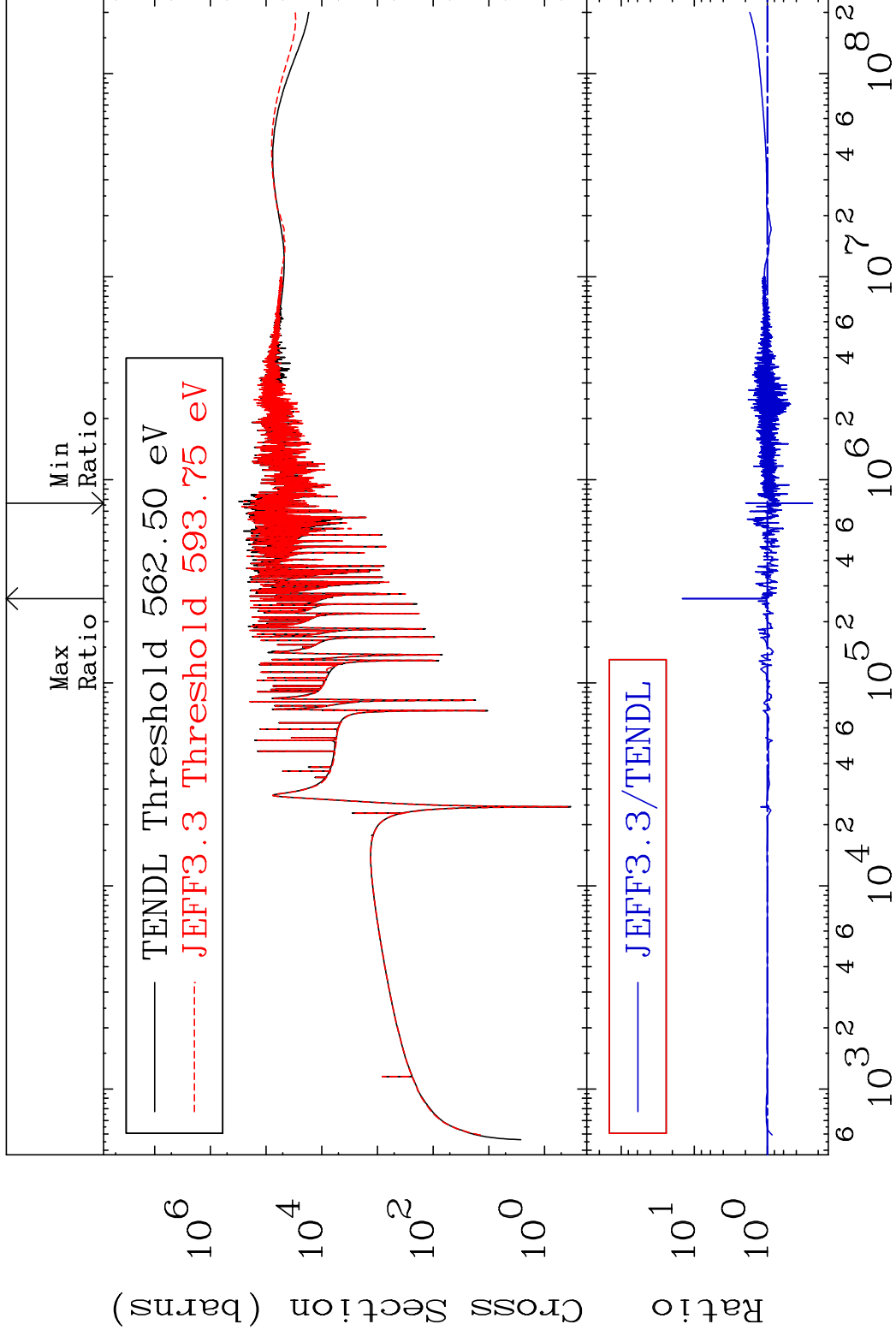


MAT 2631

Dpa elastic (mt2)

²⁶Fe-56

Cross Section -75.95 To 1368. %

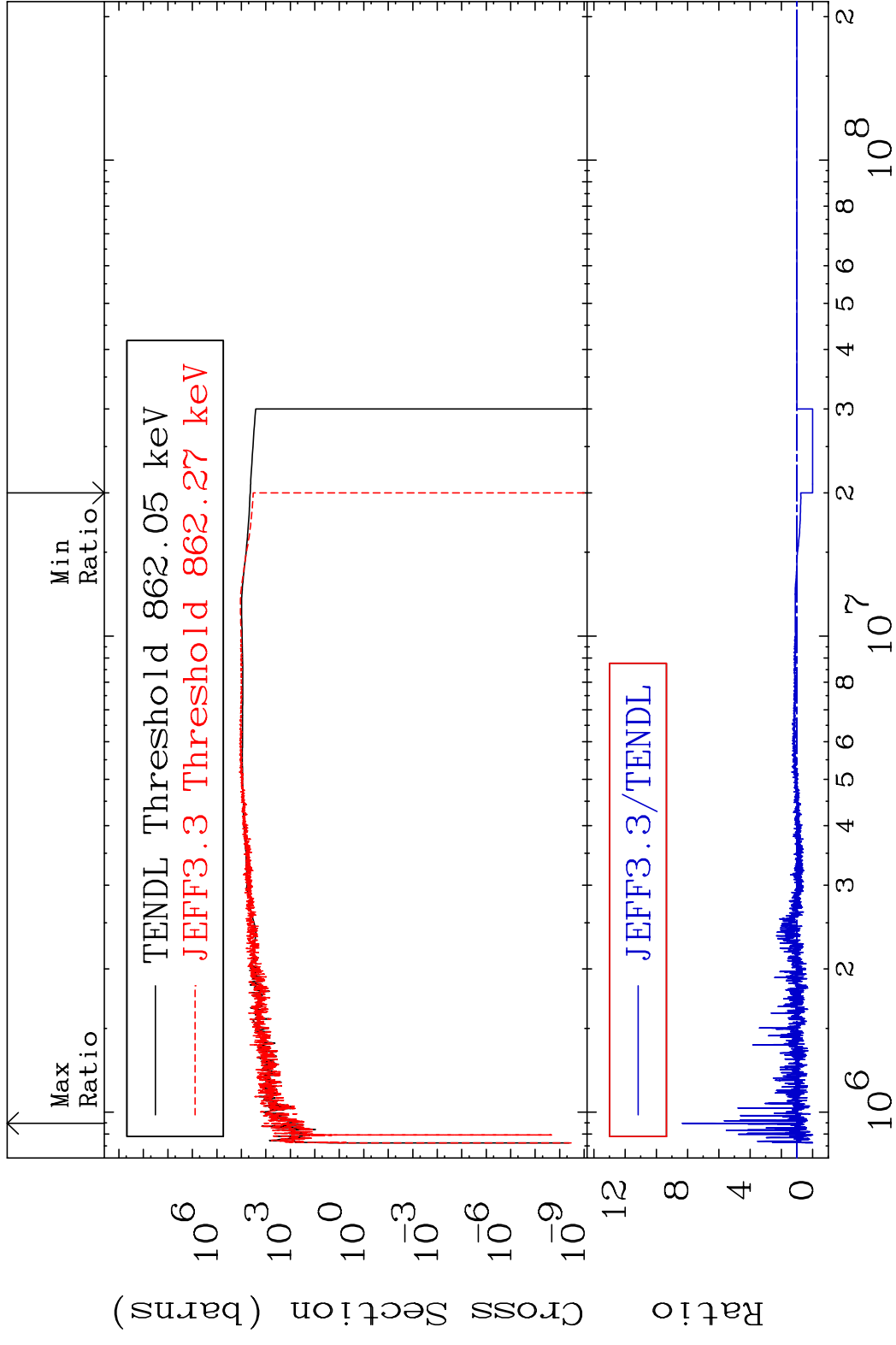


59

Incident Energy (eV)

²⁶Fe-56

MAT 2631 Dpa inelastic (mt51-91) ²⁶Fe-56
 Cross Section -100.0 To 733.6 %



60 Incident Energy (eV) ²⁶Fe-56

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

