

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

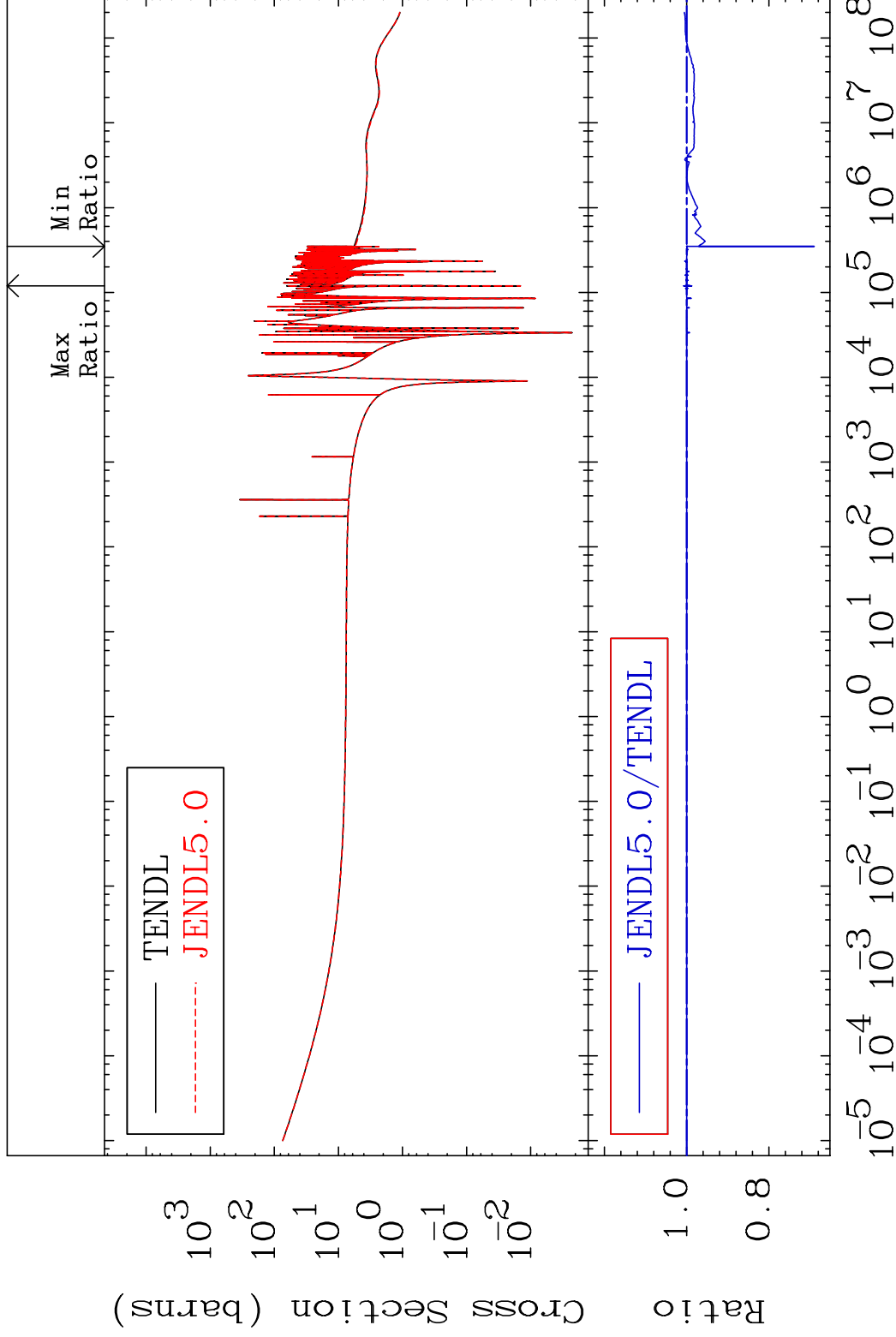
MAT 2637

Total

26-Fe-58

Cross Section

-30.96 To 0.736 %



1

Incident Energy (eV)

26-Fe-58

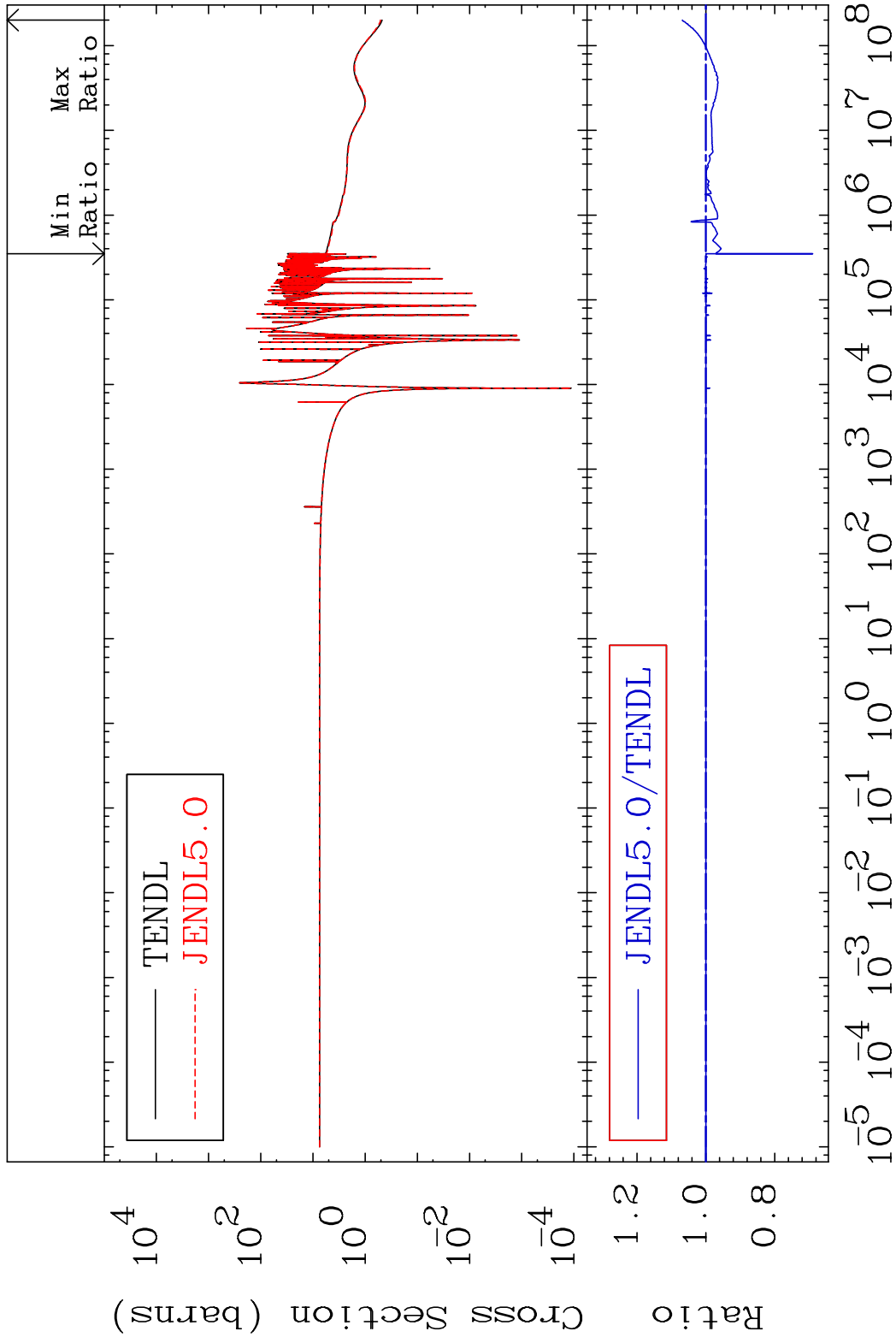
MAT 2637

Elastic

<sup>26</sup>Fe-58

Cross Section

-31.00 To 6.804 %



2

Incident Energy (eV)

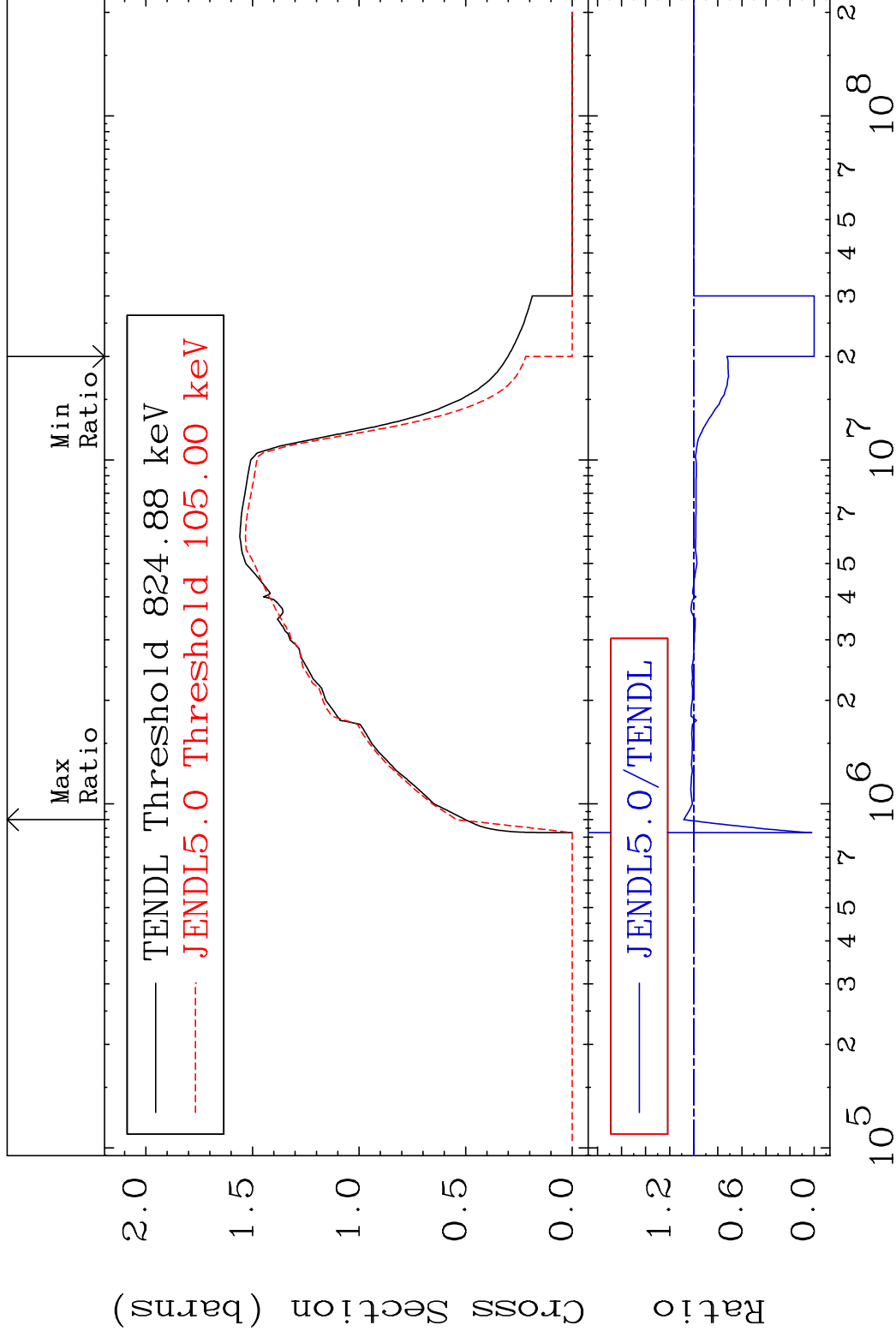
<sup>26</sup>Fe-58

MAT 2637

Inelastic

<sup>26</sup>Fe-58

Cross Section -100.0 To 8.410 %

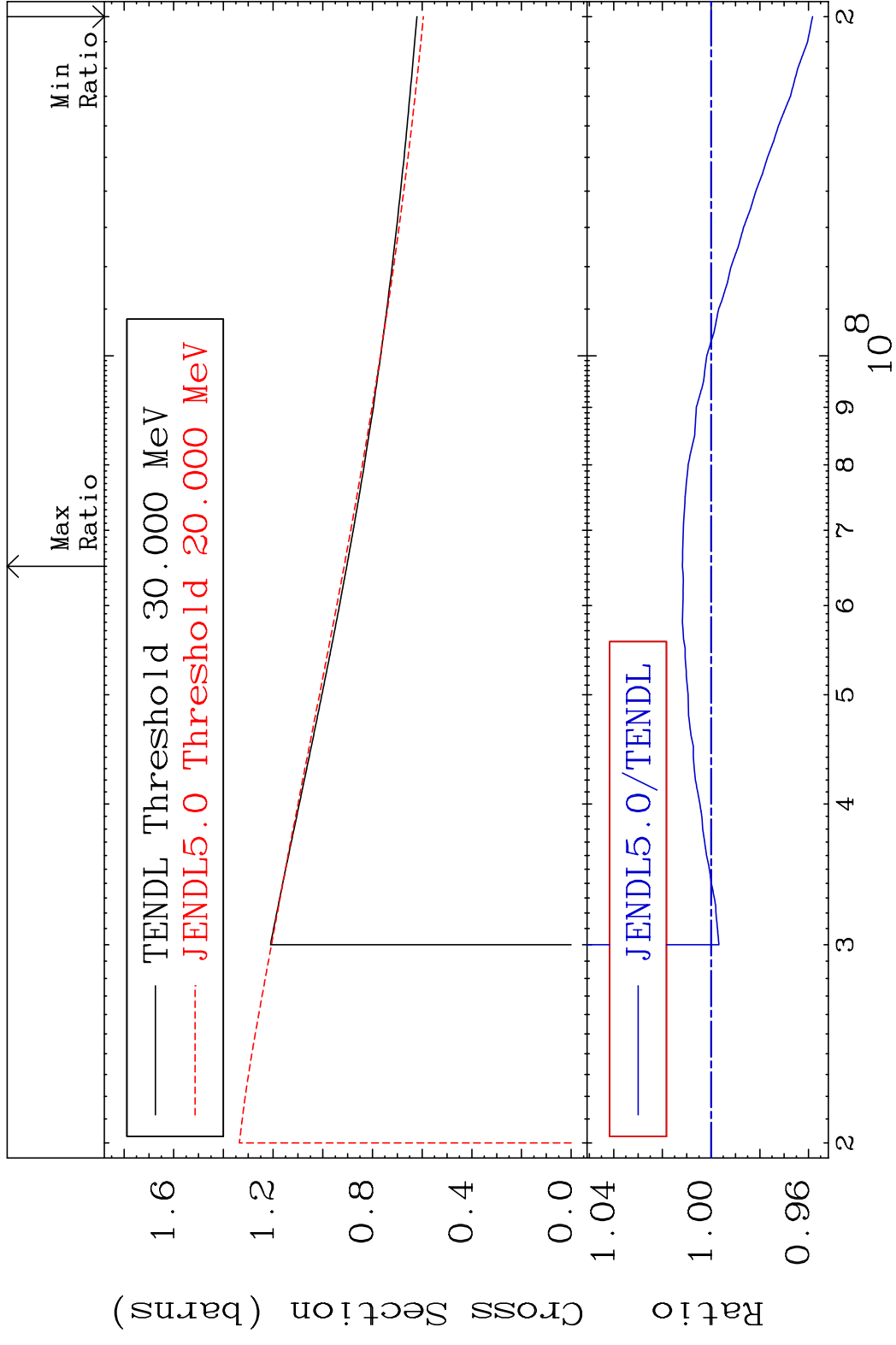


3

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 (n, remainder) 26-Fe-58  
 Cross Section -4.166 To 1.181 %



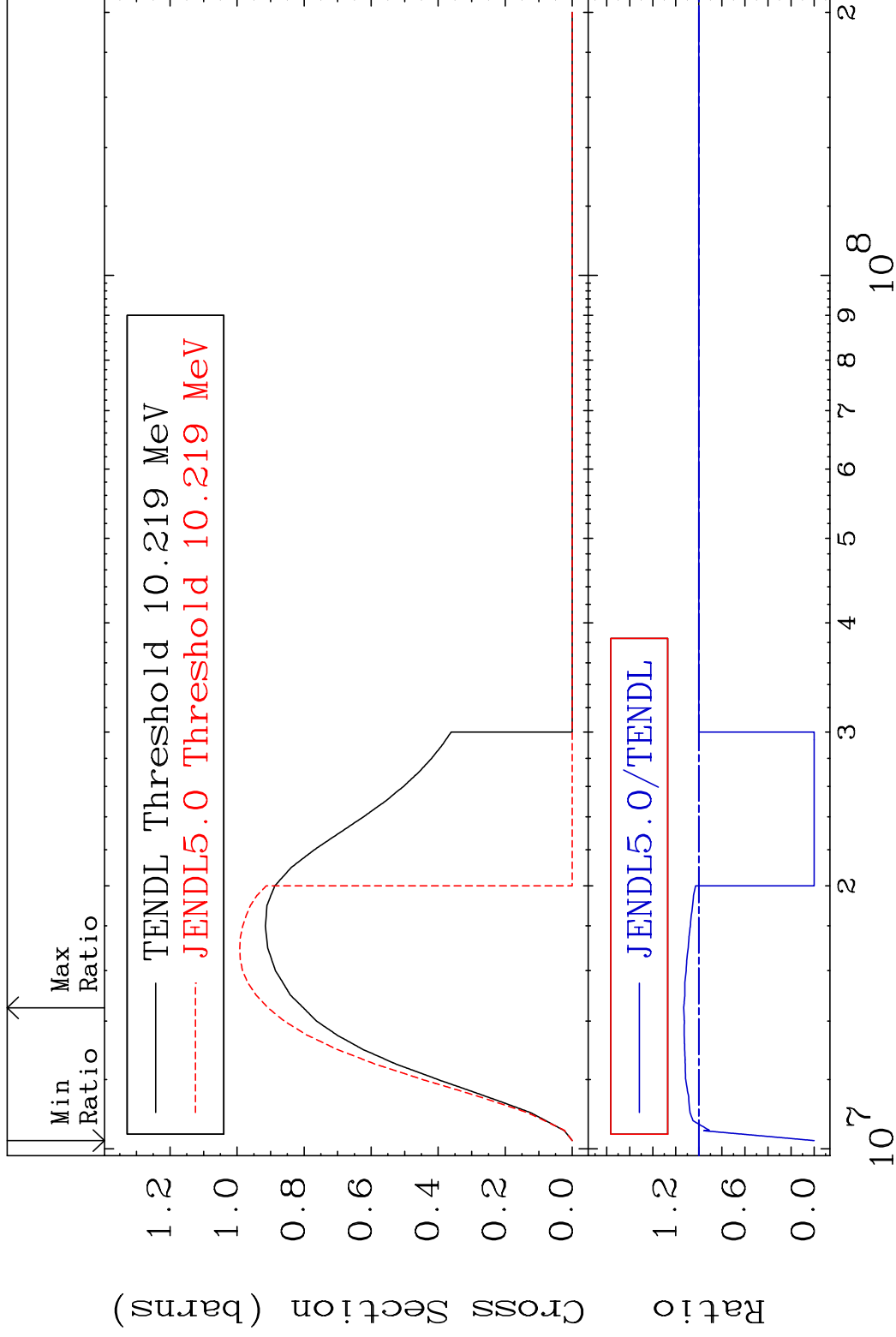
4 Incident Energy (eV) 26-Fe-58

MAT 2637

(n,2n)

<sup>26</sup>Fe-58

Cross Section -100.0 To 13.18 %

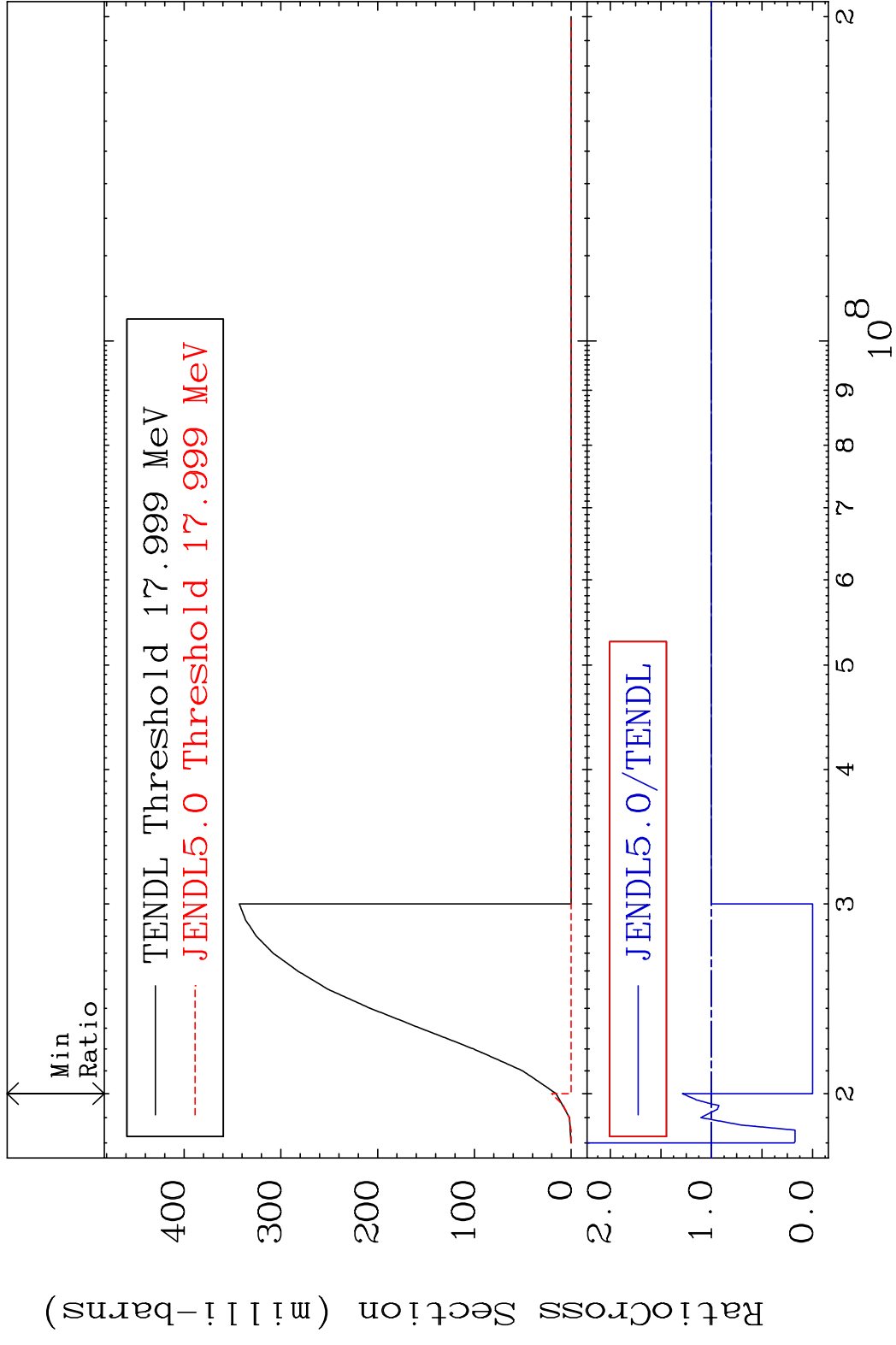


5

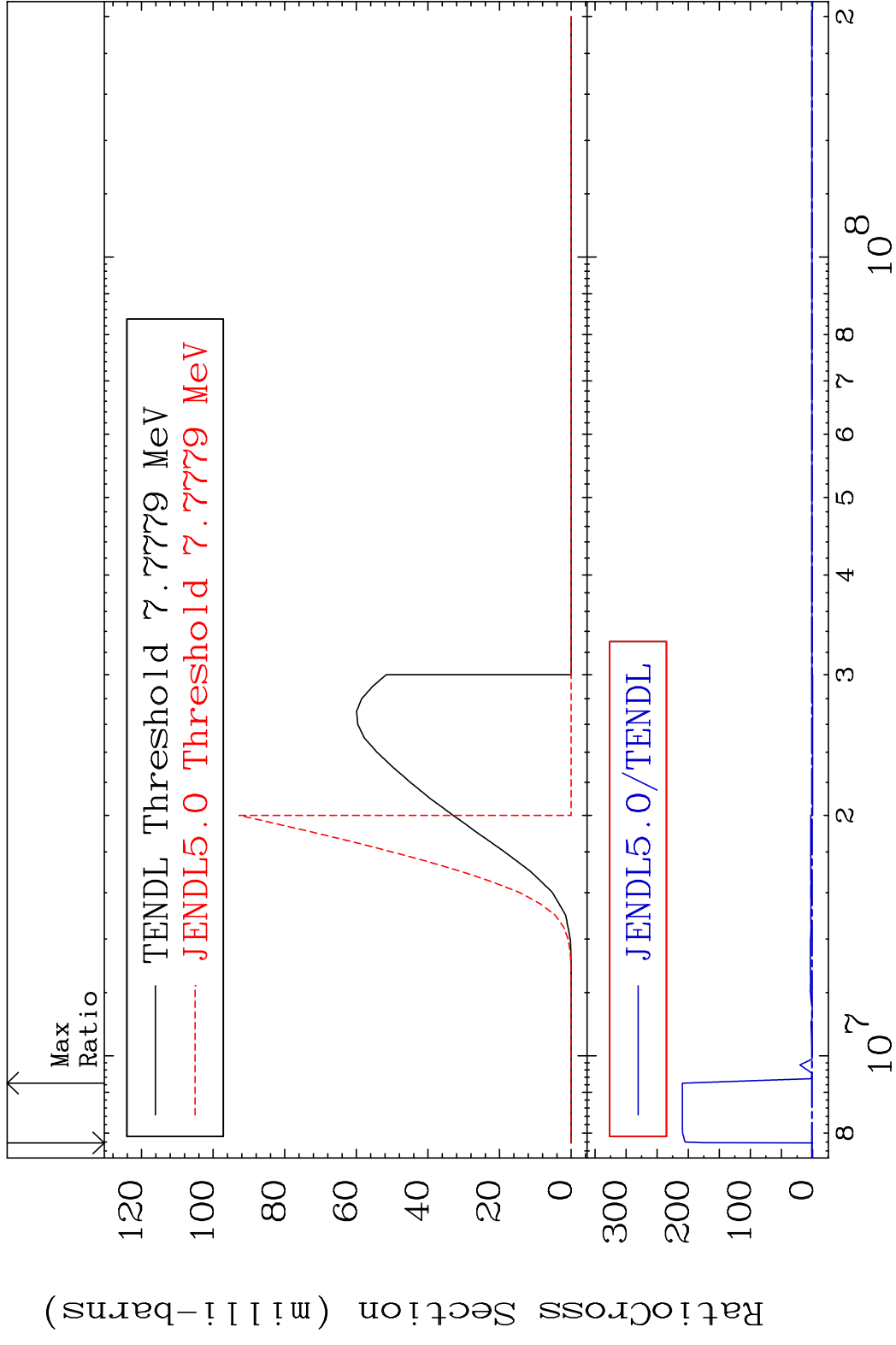
Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 (n,3n) 26-Fe-58  
 Cross Section -100.0 To 28.78 %



MAT 2637 (n, n')  $\alpha$  26-Fe-58  
 Cross Section -100.0 To 9999. %



7 8 10<sup>7</sup> 10<sup>8</sup> 26-Fe-58

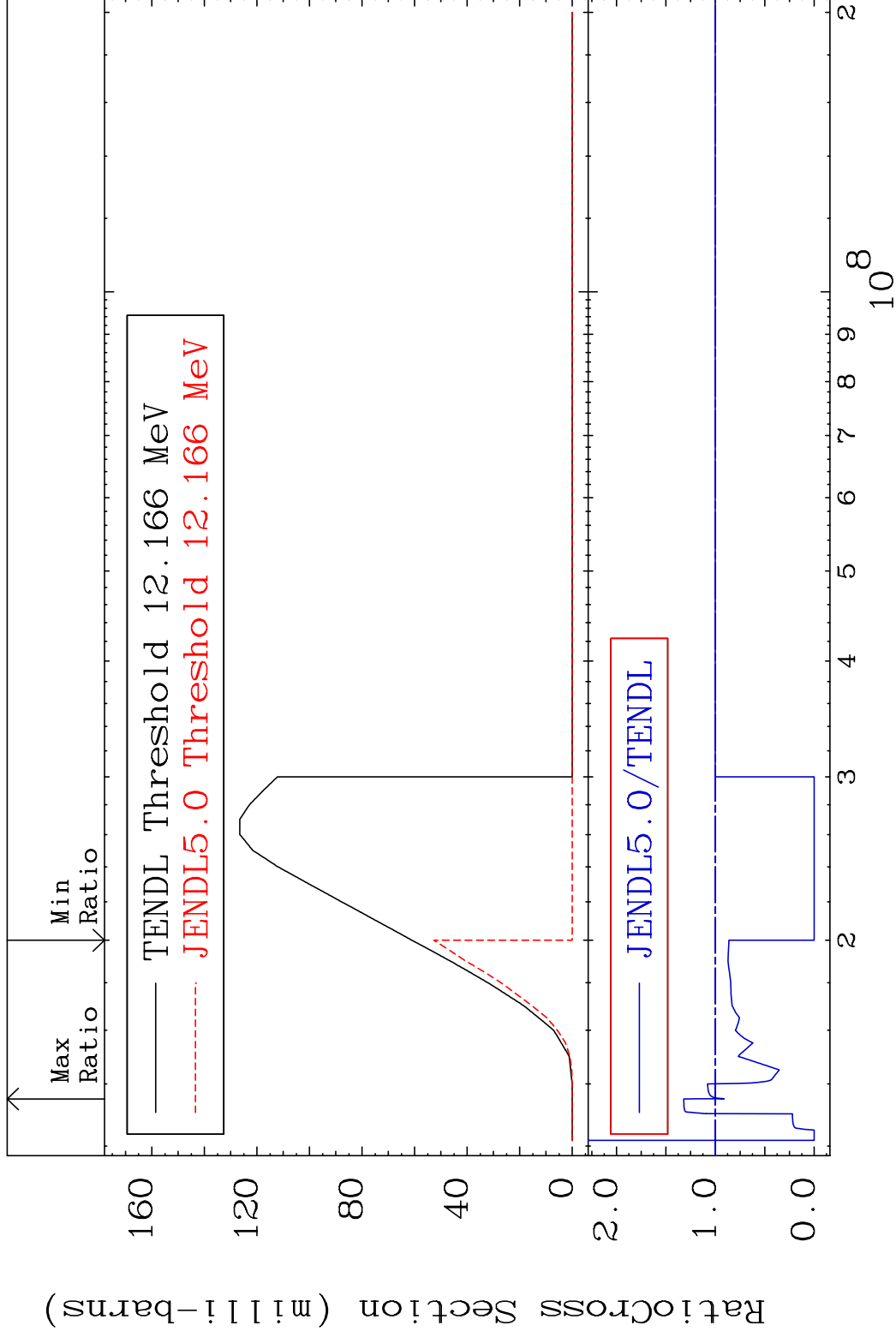


MAT 2637

(n, n') p

<sup>26</sup>Fe-58

Cross Section -100.0 To 32.06 %

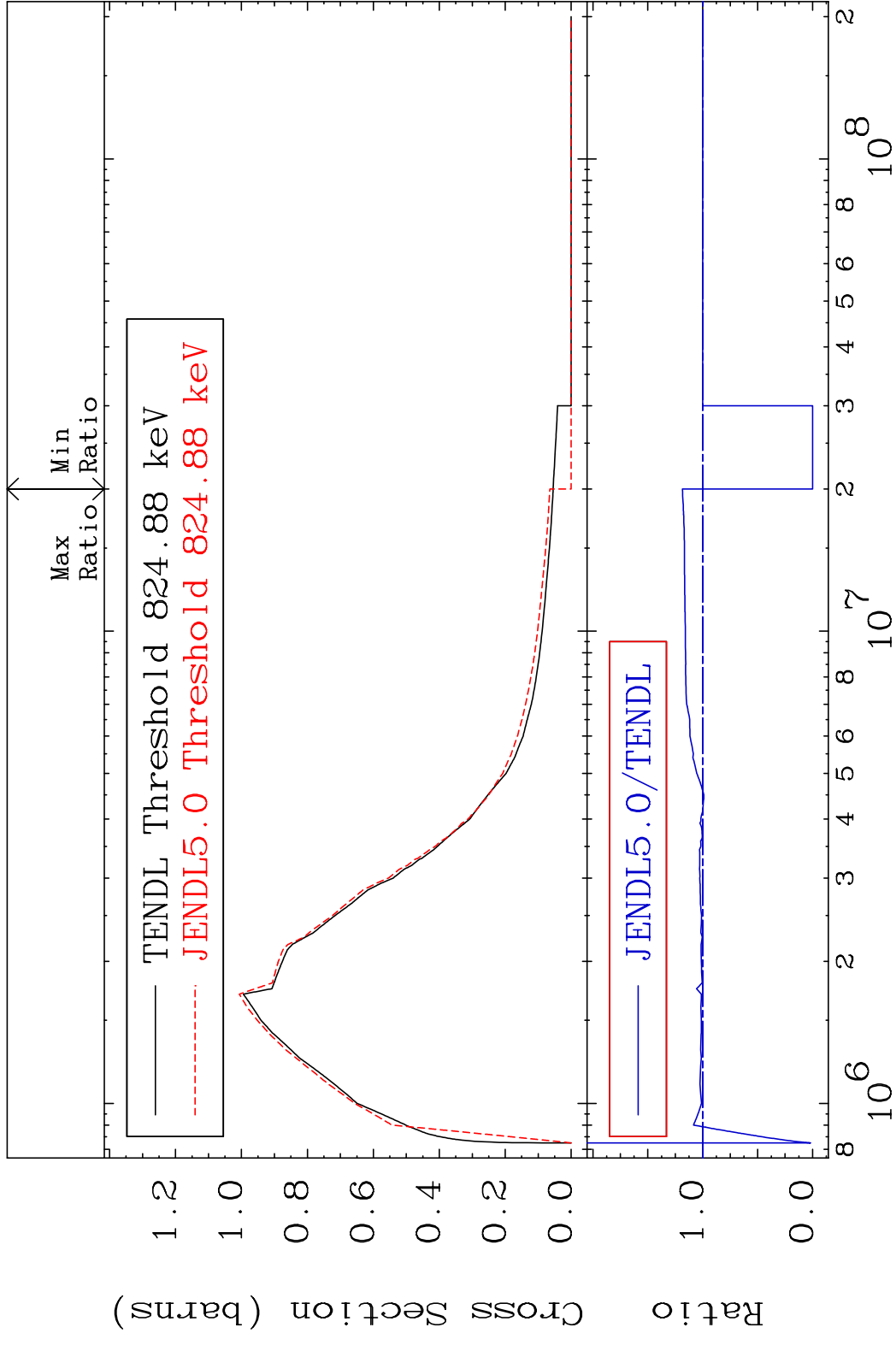


8

Incident Energy (eV)

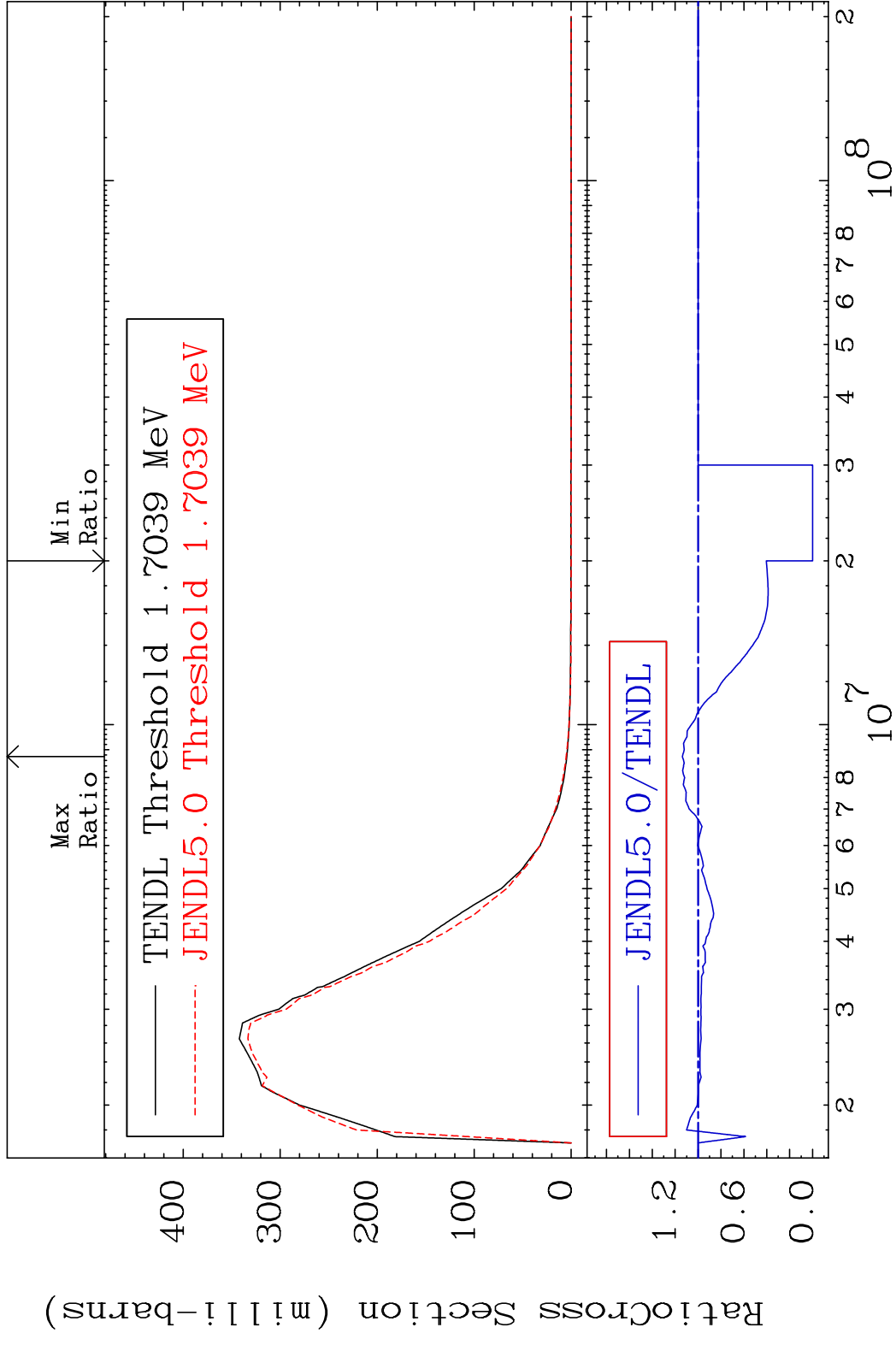
<sup>26</sup>Fe-58

MAT 2637 MT= 51 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 18.55 %



9 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 52 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 13.73 %

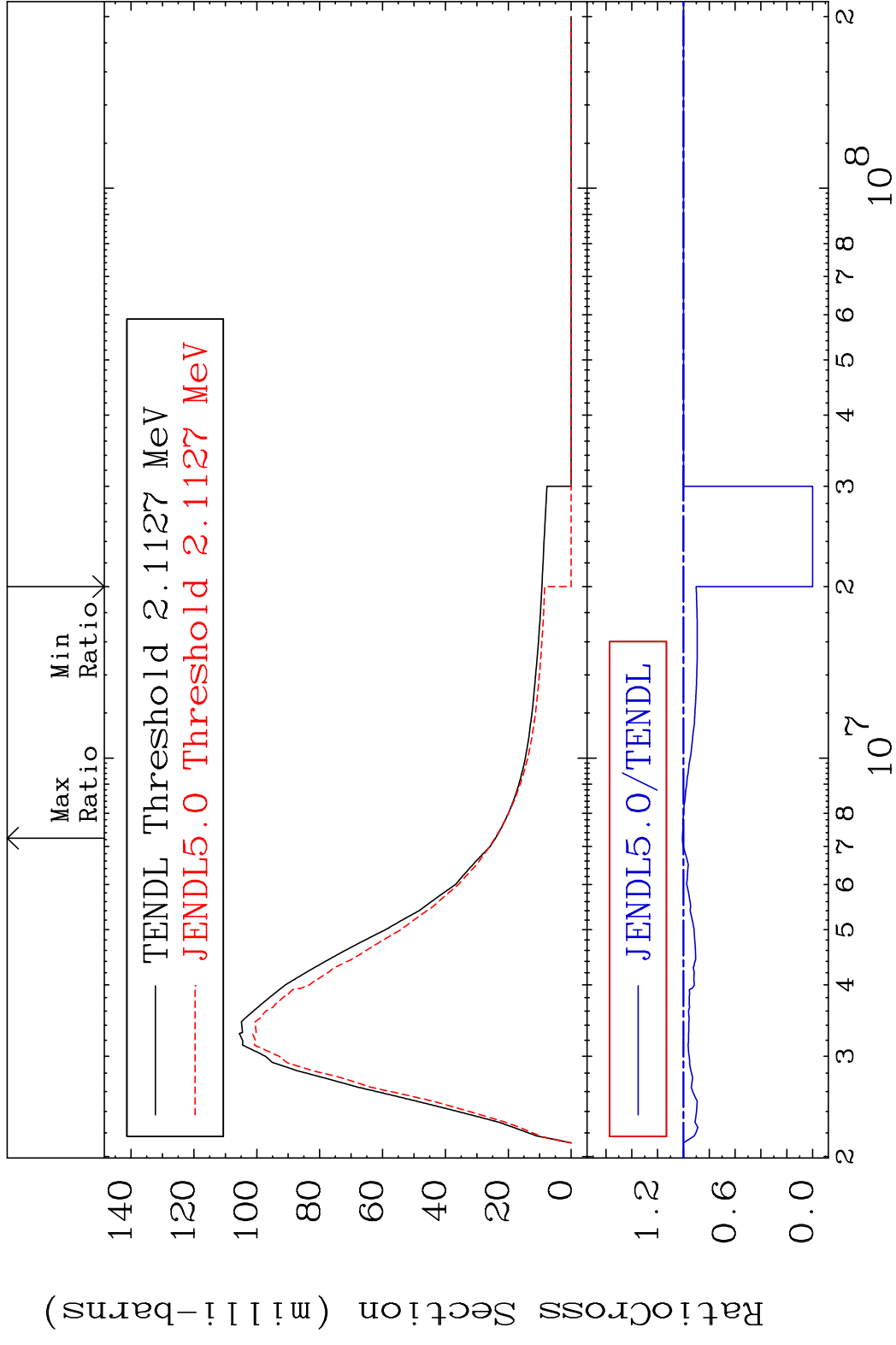


10

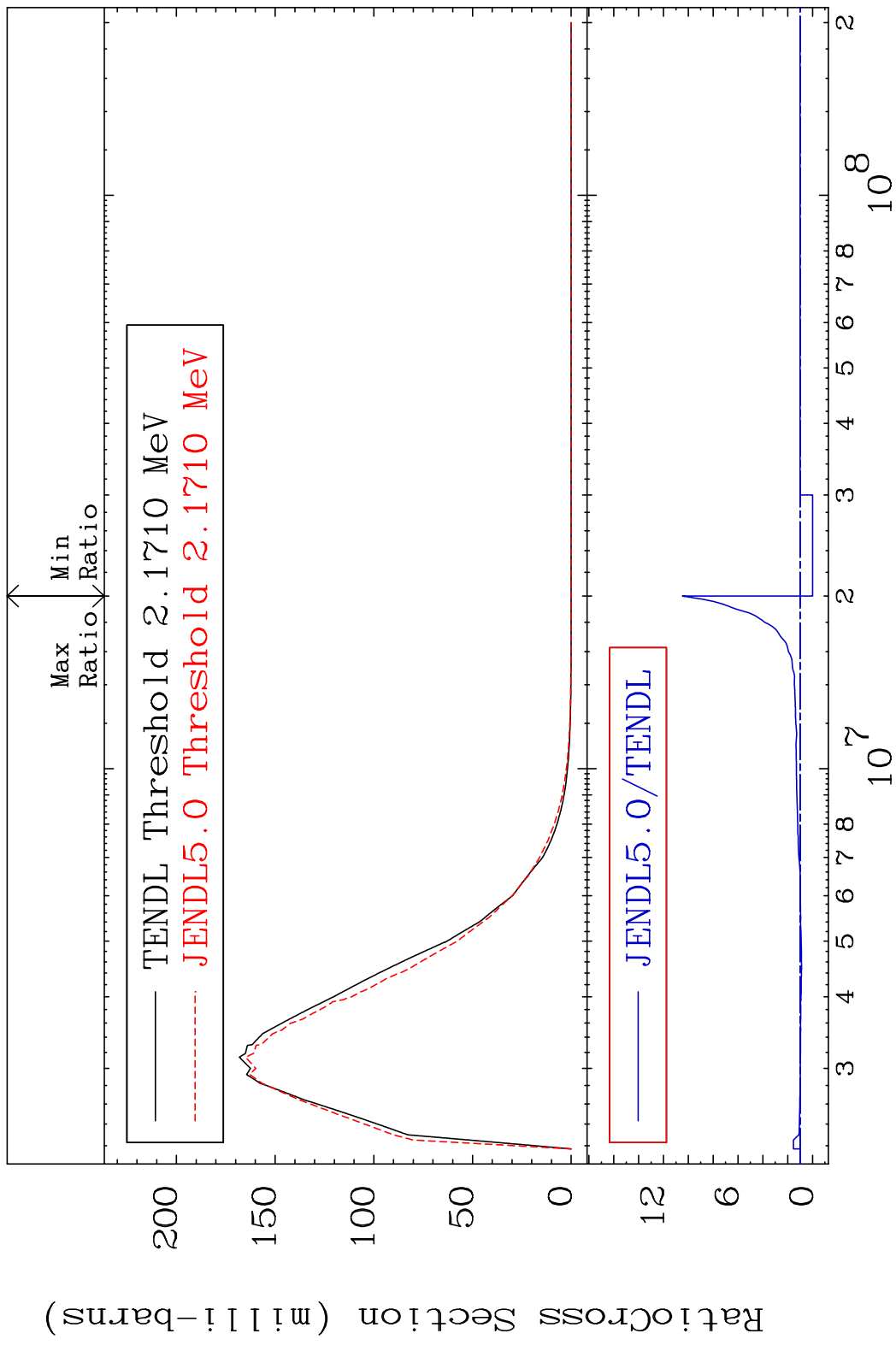
Incident Energy (eV)

26-Fe-58

MAT 2637 MT= 53 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 0.832 %

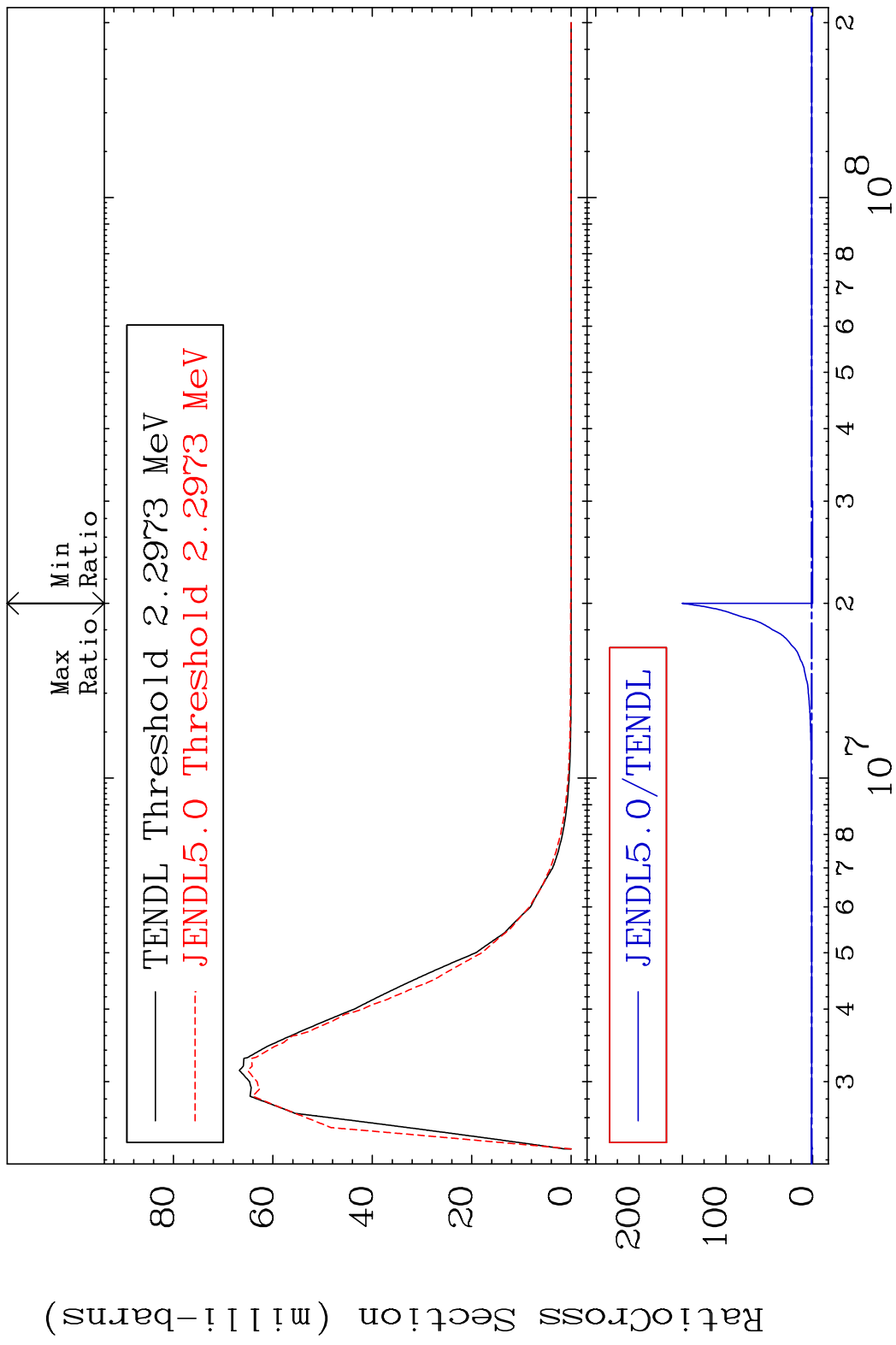


MAT 2637 MT= 54 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 948.0 %

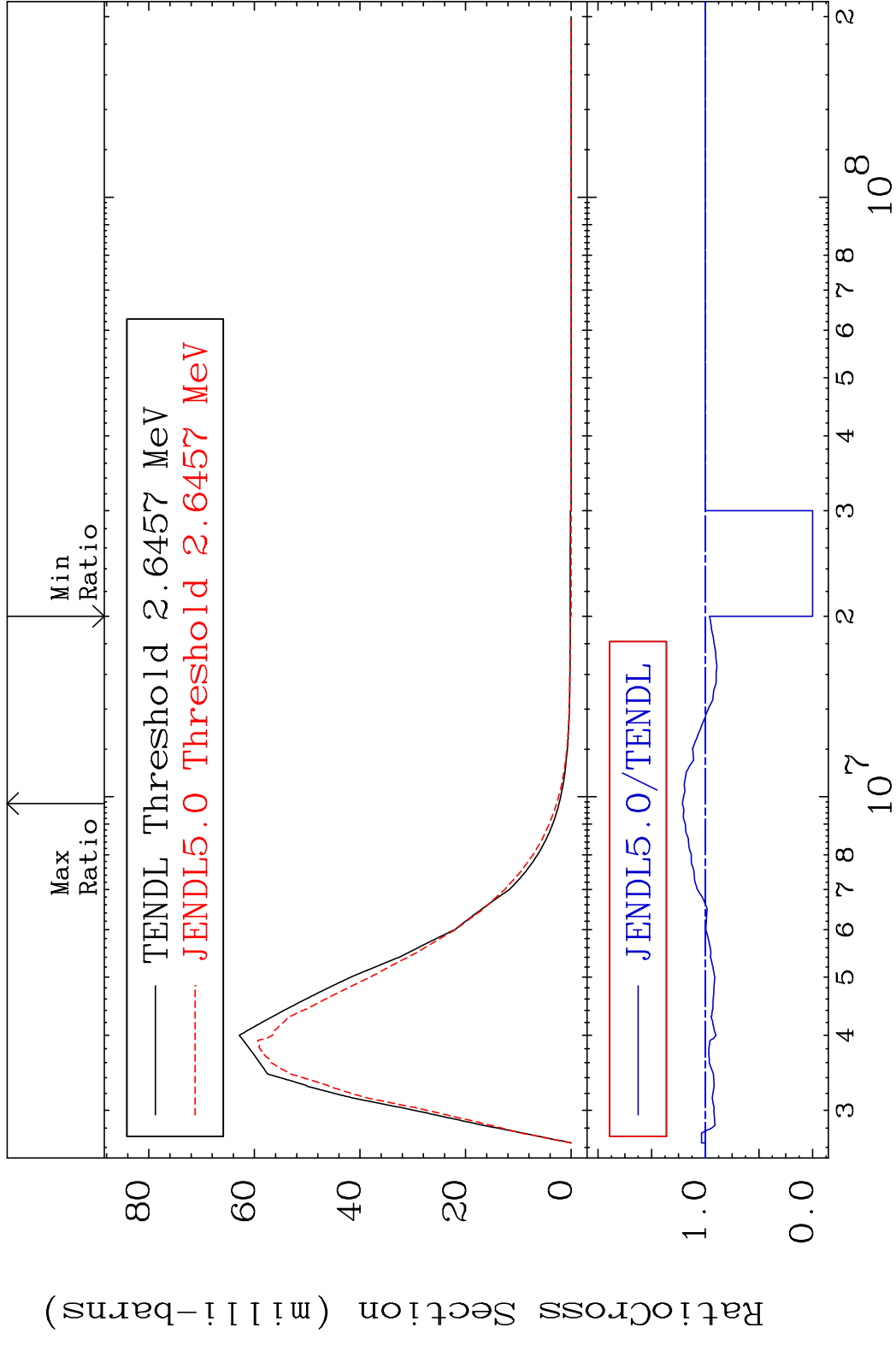


12 26-Fe-58

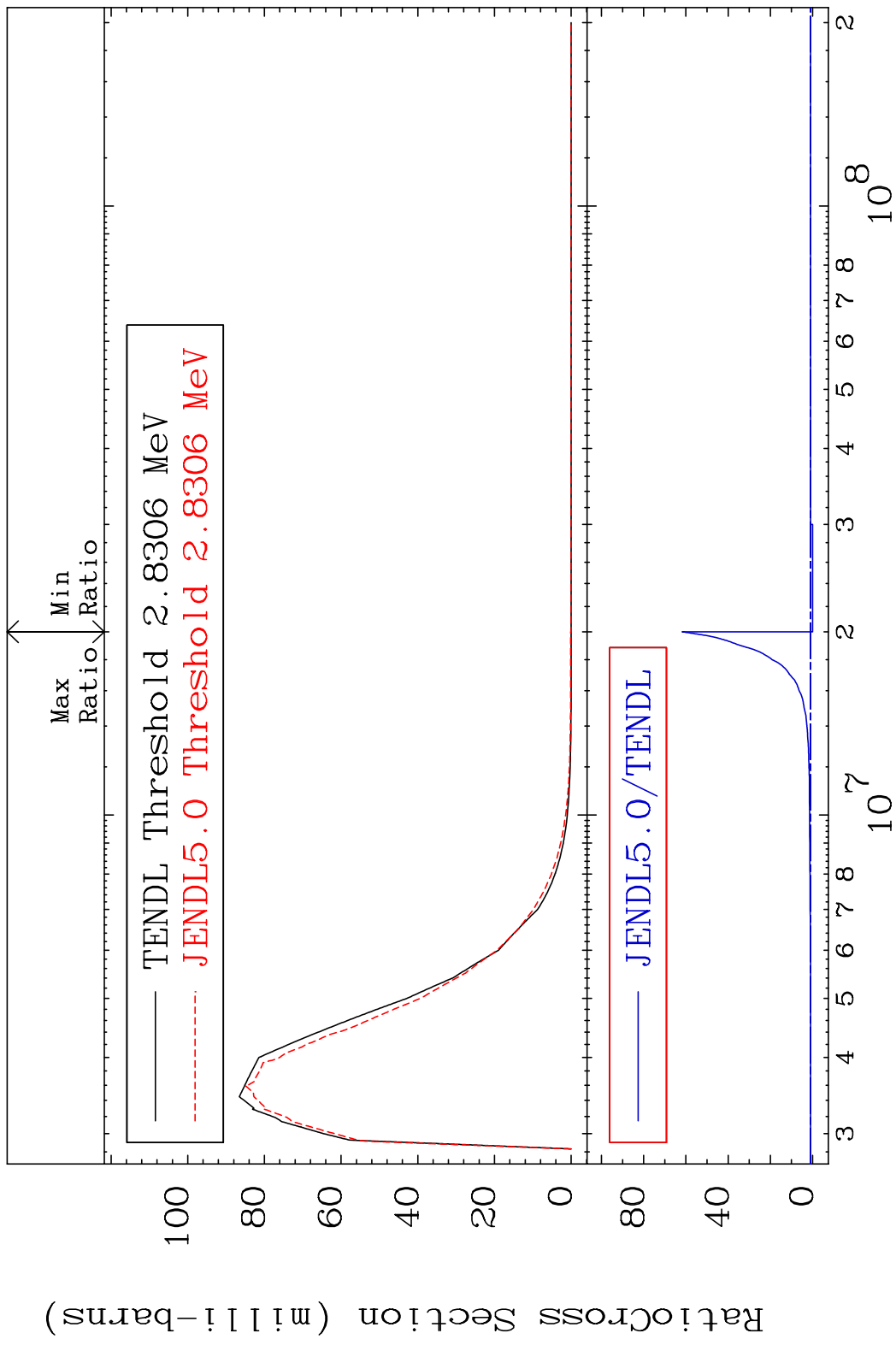
MAT 2637 MT= 55 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %



MAT 2637 MT= 56 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 21.38 %



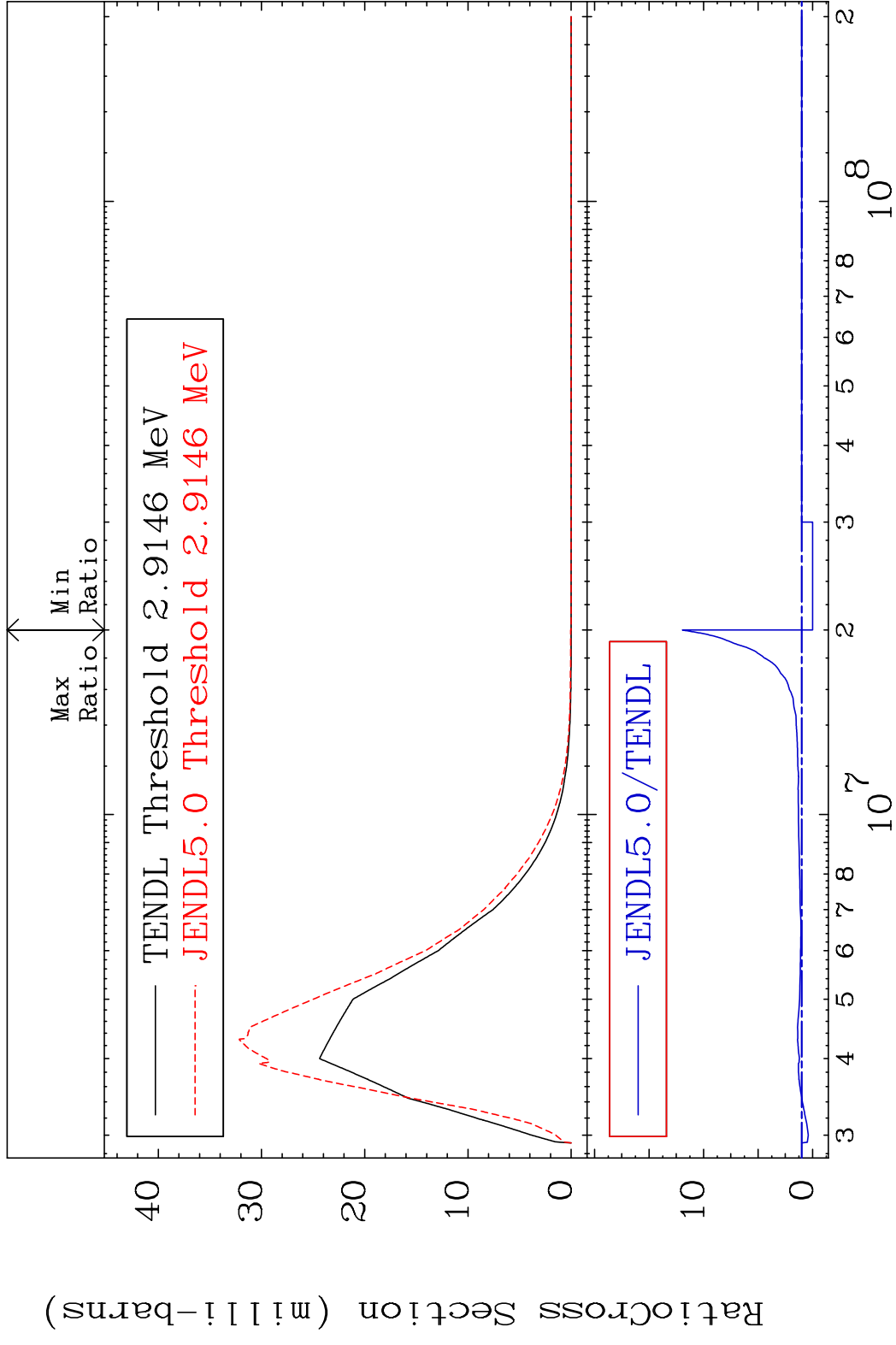
MAT 2637 MT= 57 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 6069. %



15 26-Fe-58

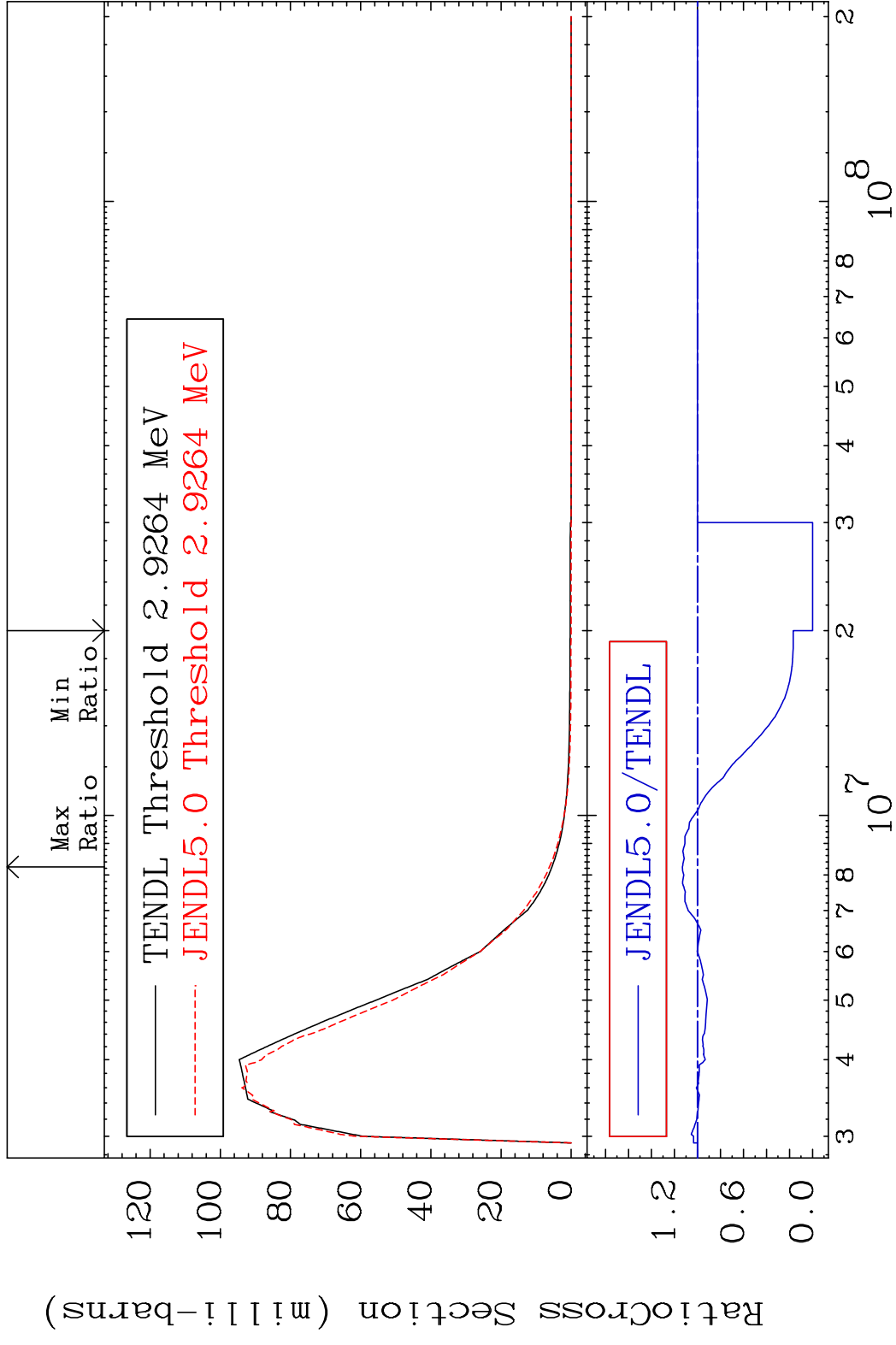


MAT 2637 MT= 58 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 1095. %



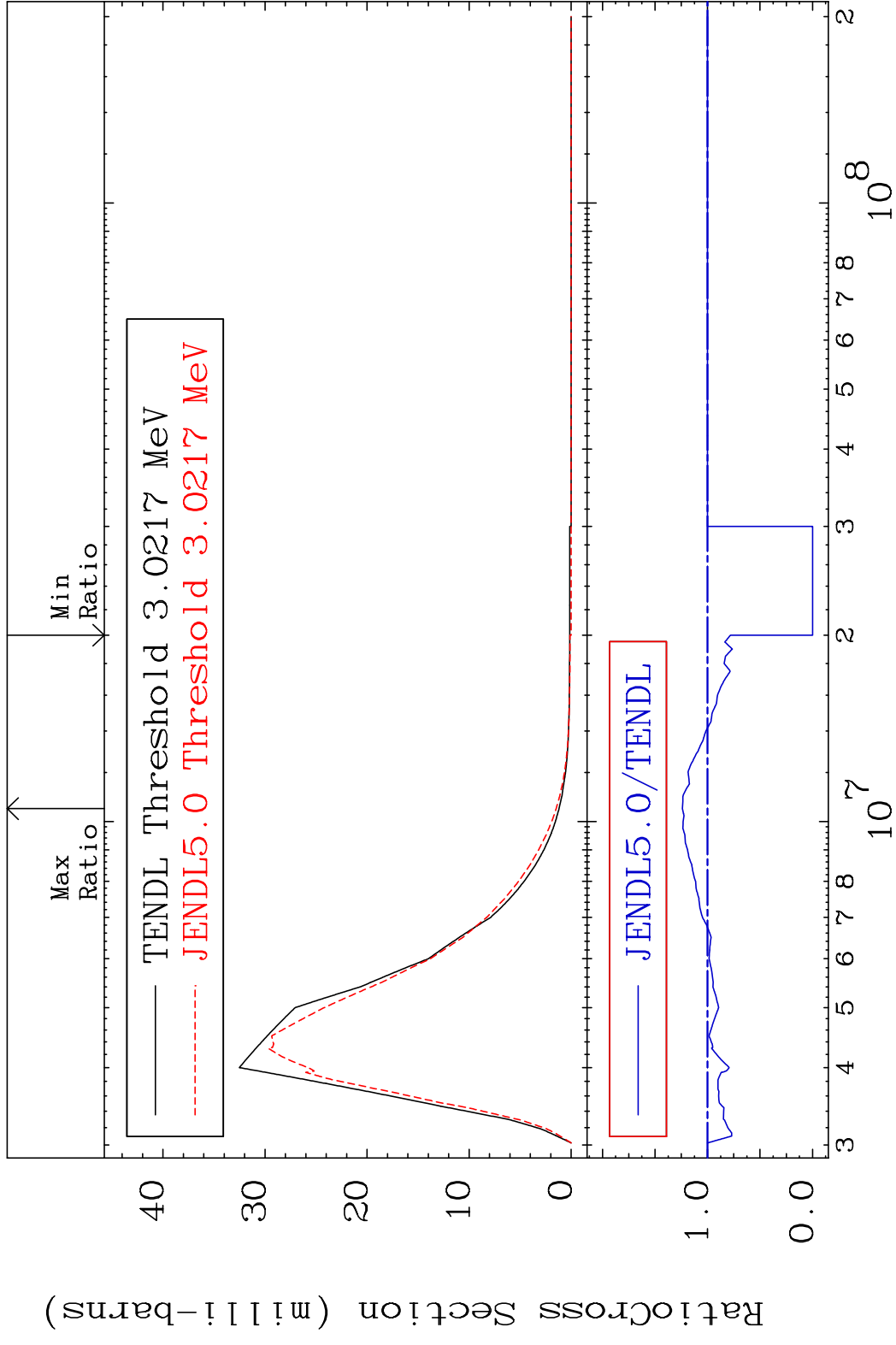
16 26-Fe-58

MAT 2637 MT= 59 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 13.16 %

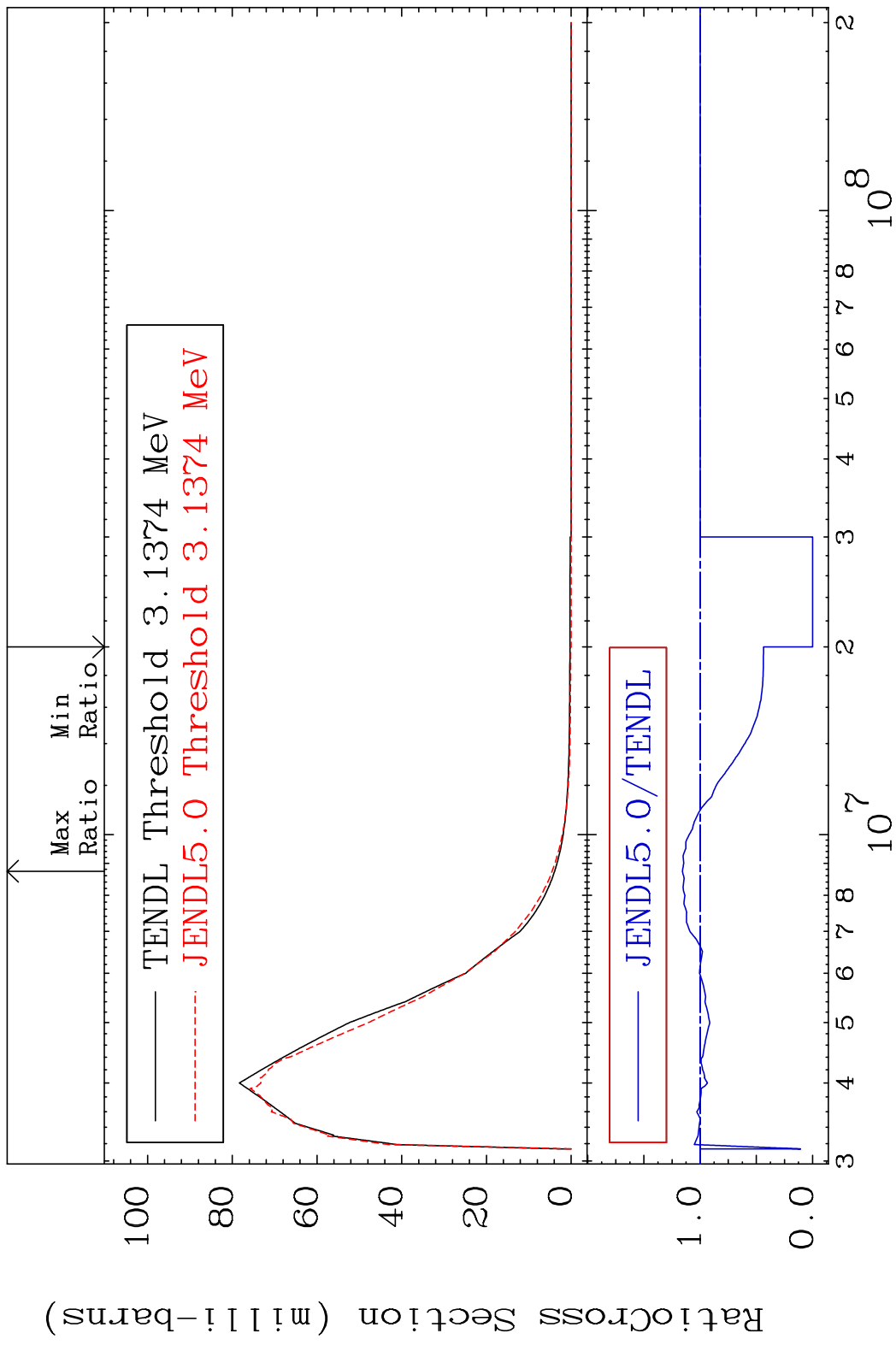


17 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 60 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 23.96 %

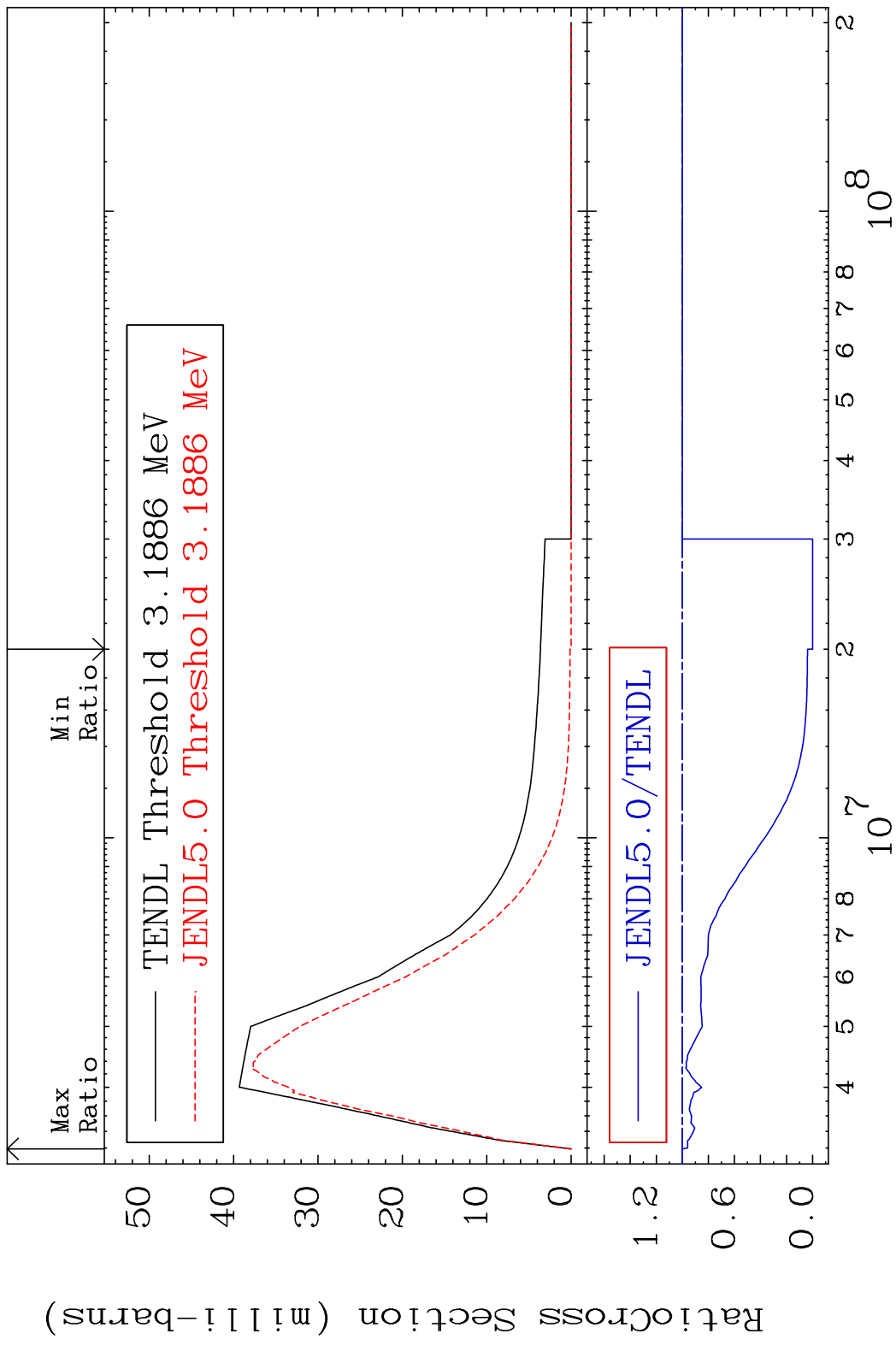


MAT 2637 MT= 61 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 15.81 %



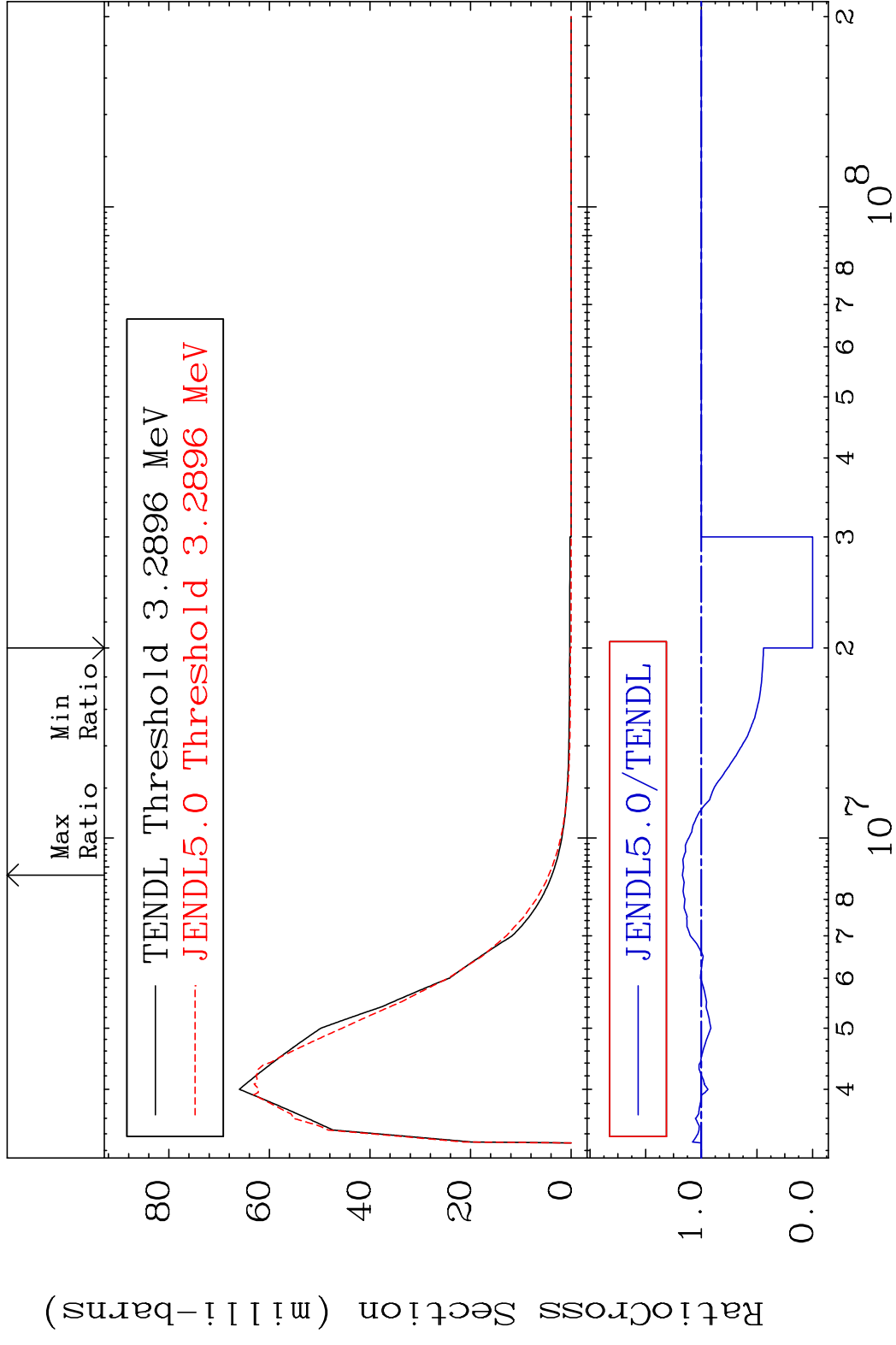
19 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 62 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 0.000 %

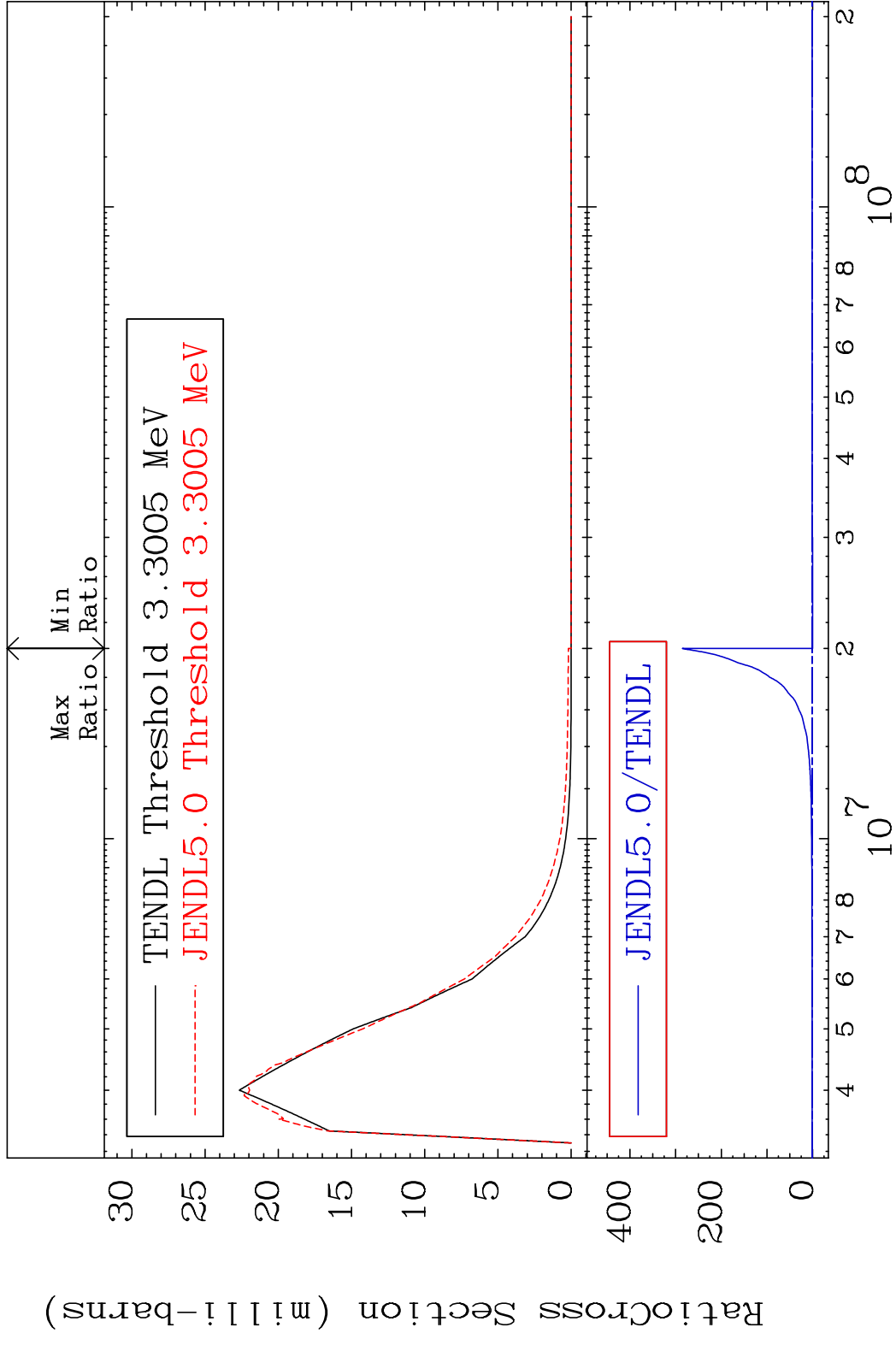


20 26-Fe-58

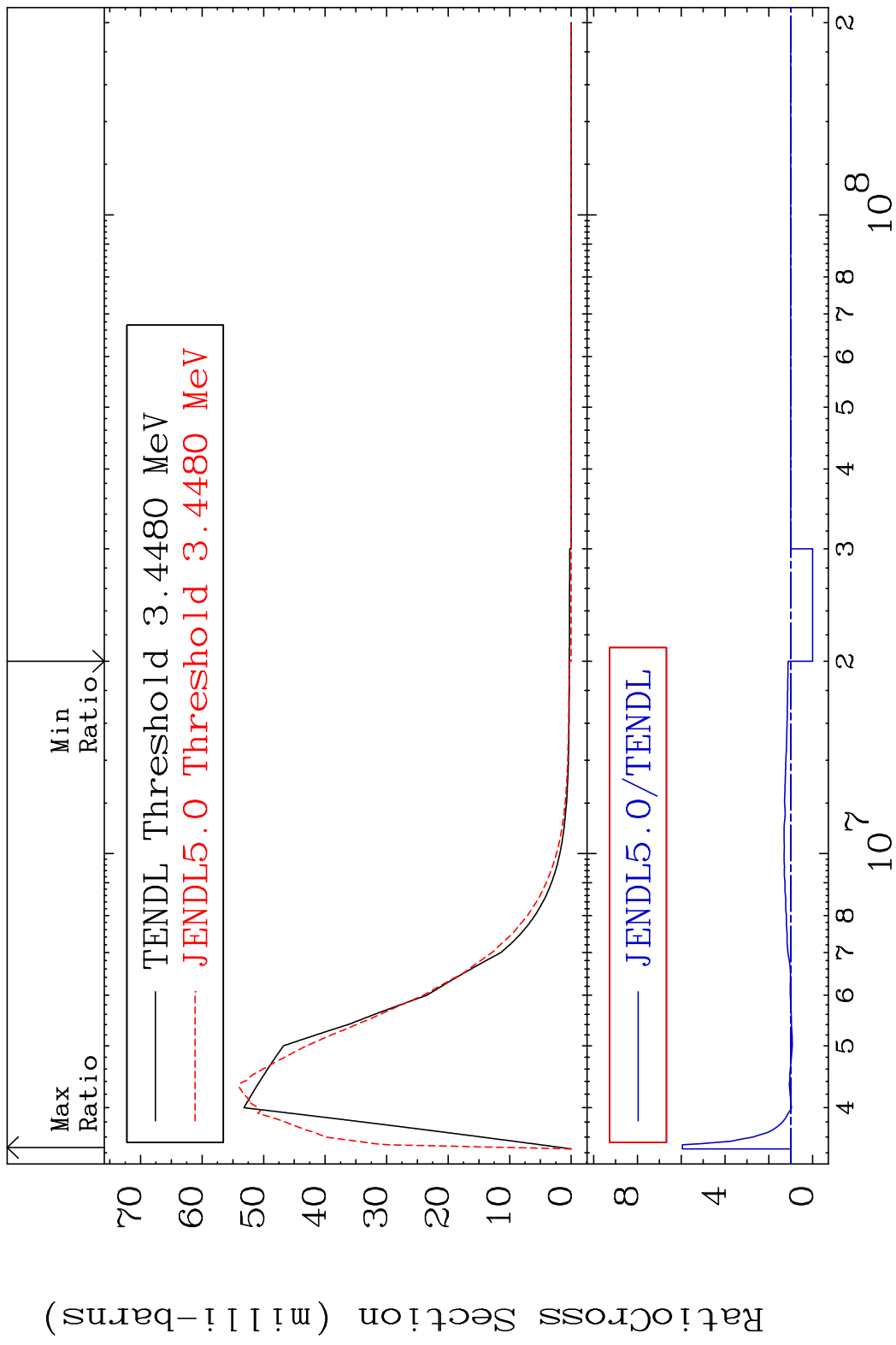
MAT 2637 MT= 63 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 17.00 %



MAT 2637 MT= 64 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %

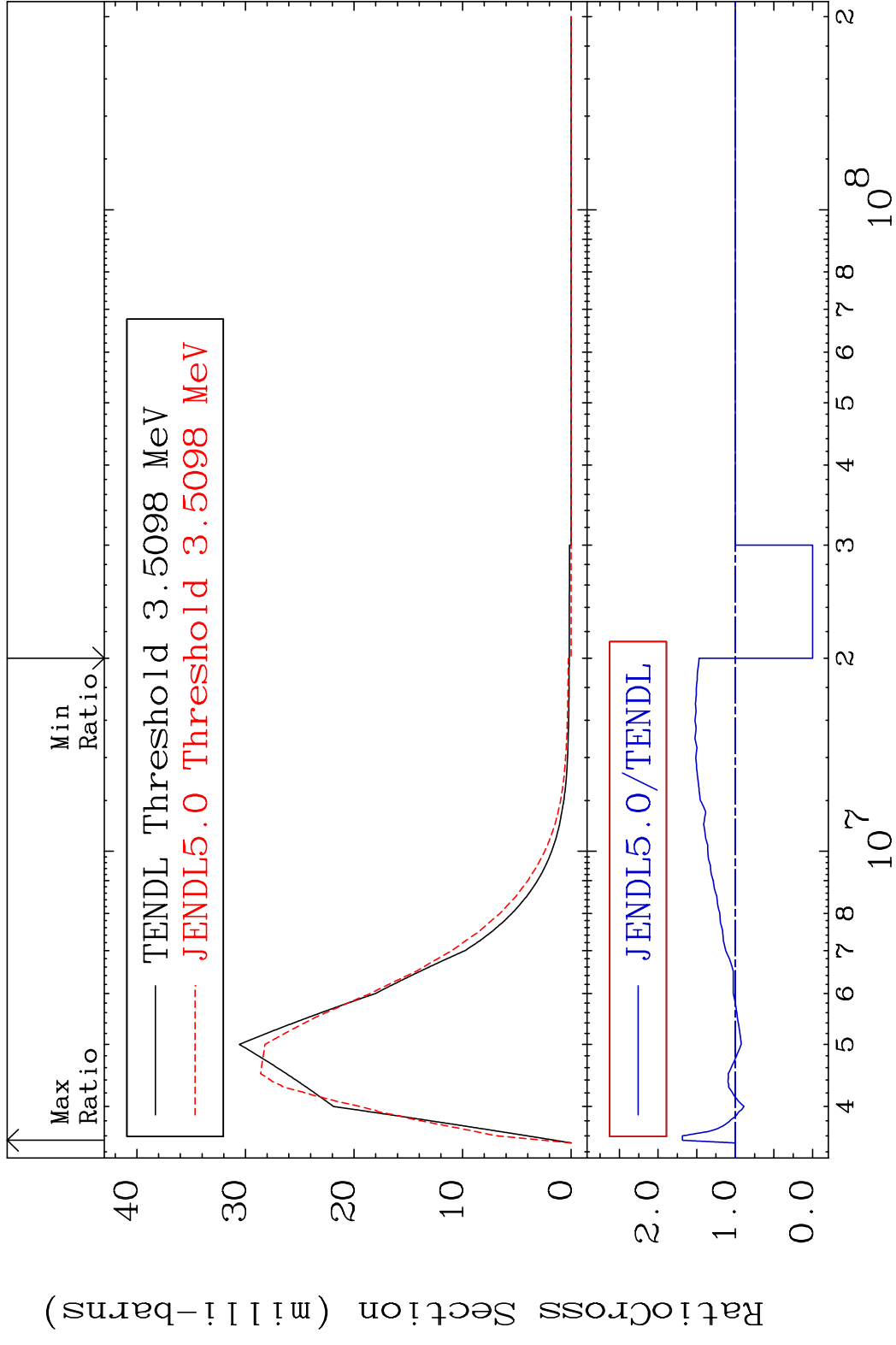


MAT 2637 MT= 65 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 494.9 %

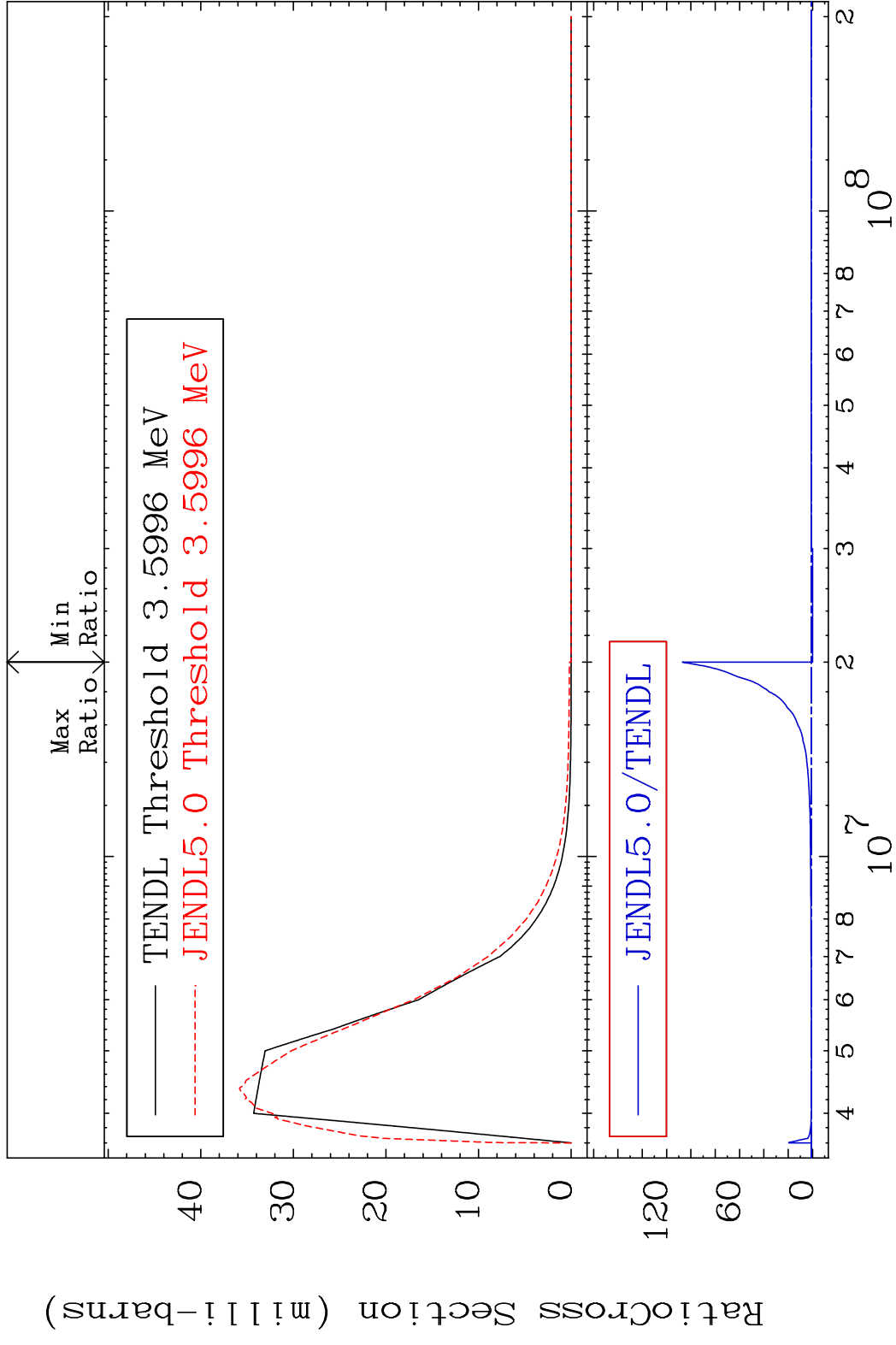




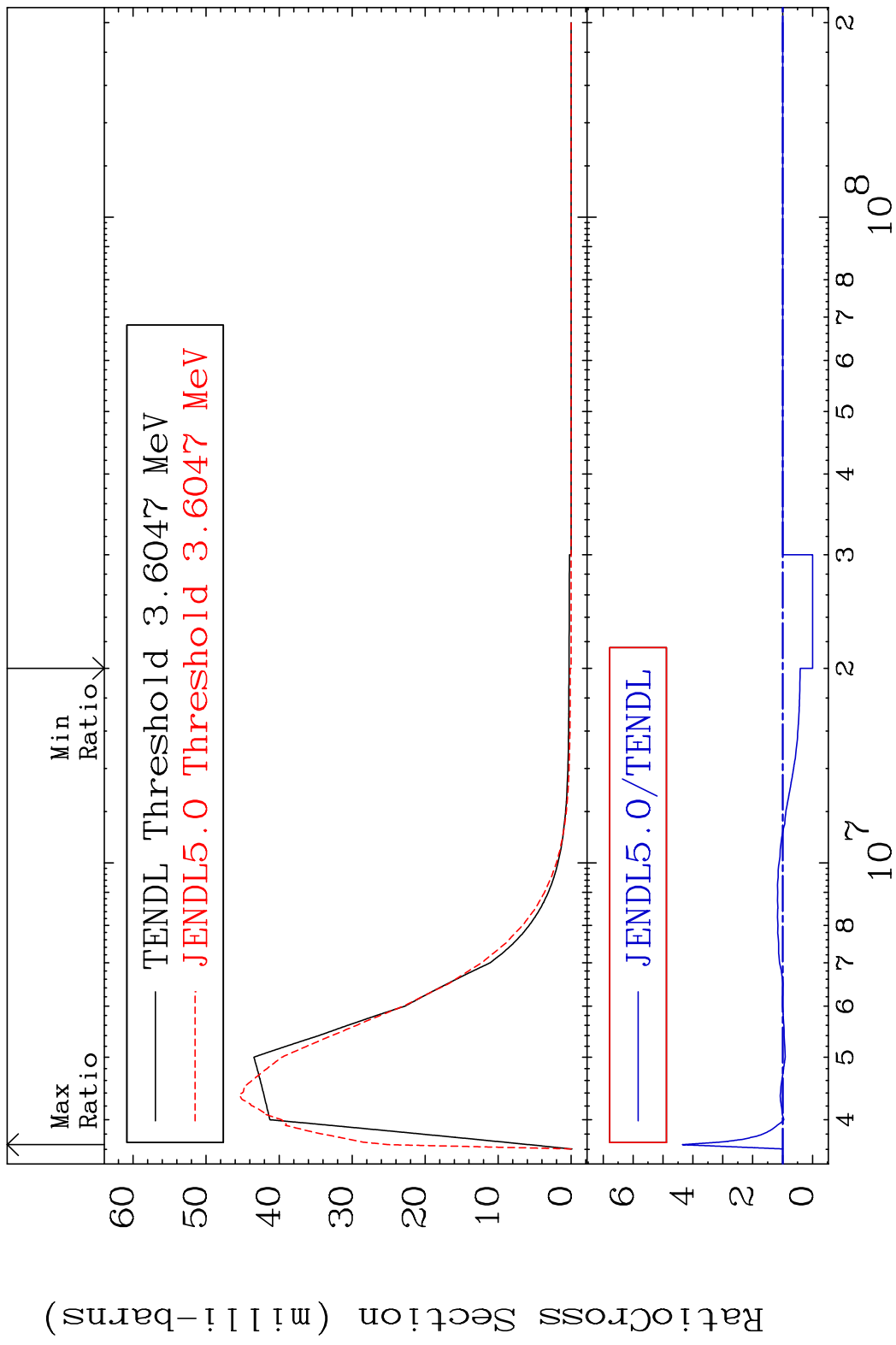
MAT 2637 MT= 66 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 68.53 %



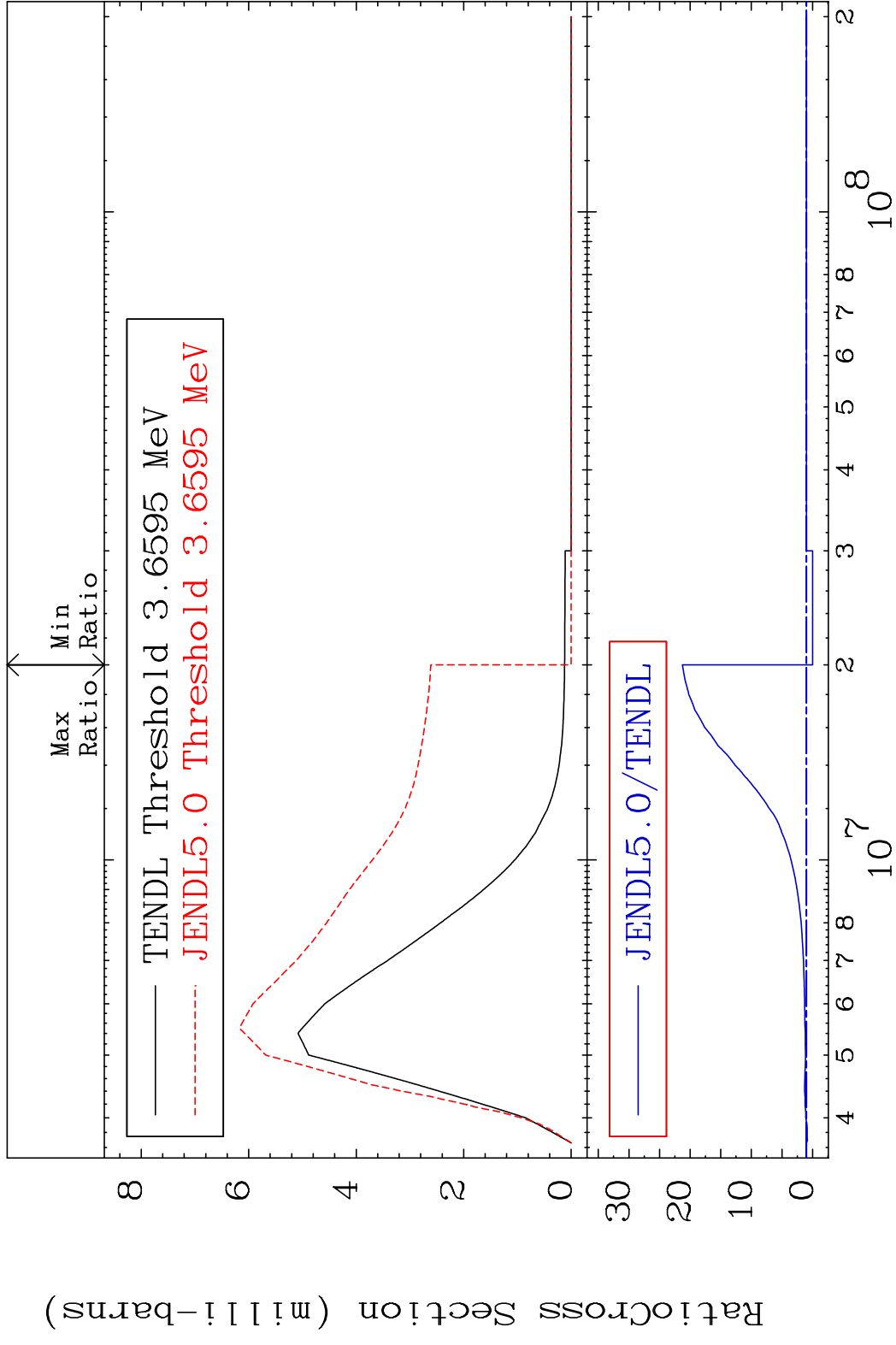
MAT 2637 MT= 67 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %



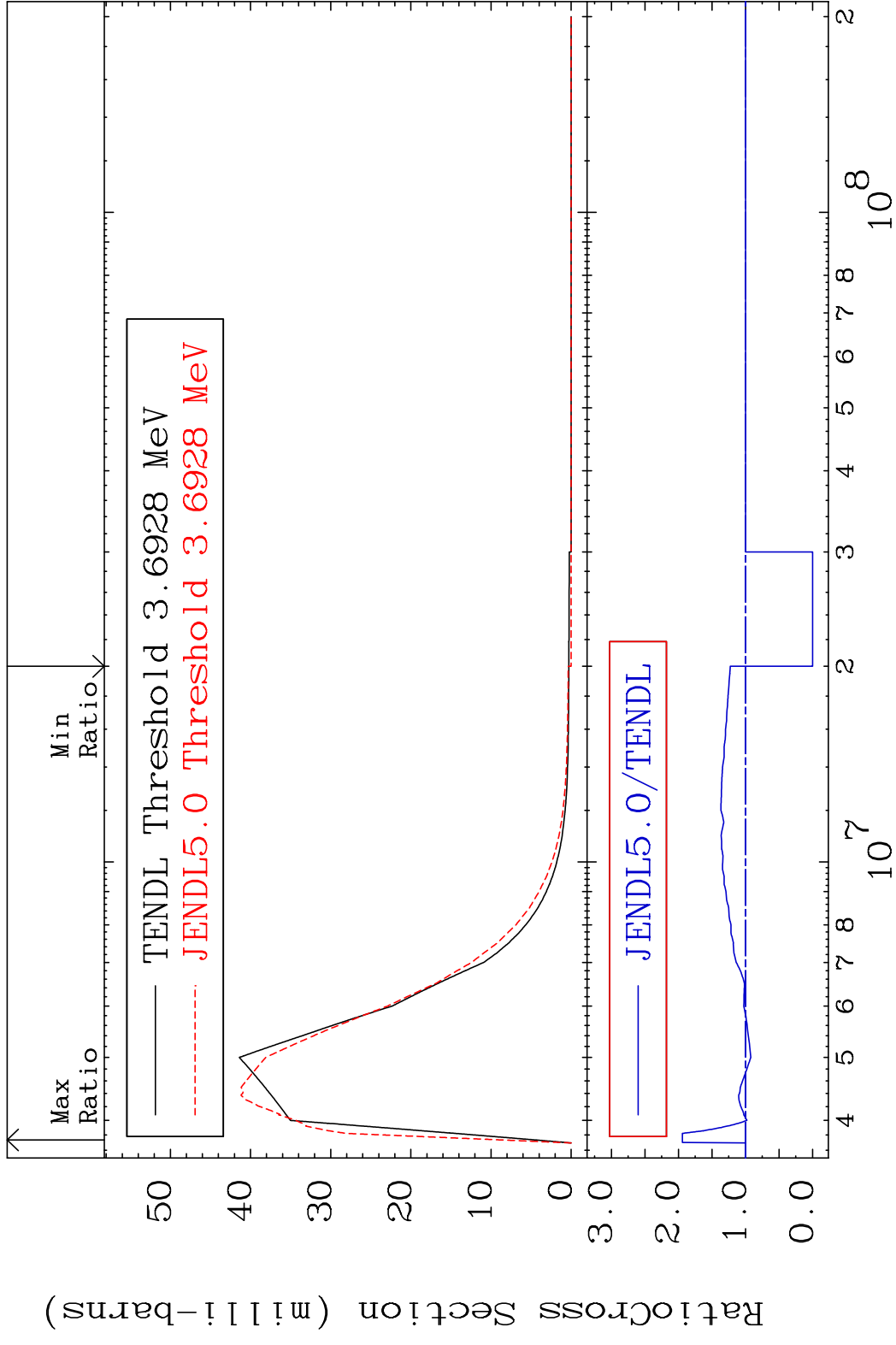
MAT 2637 MT= 68 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 335.3 %



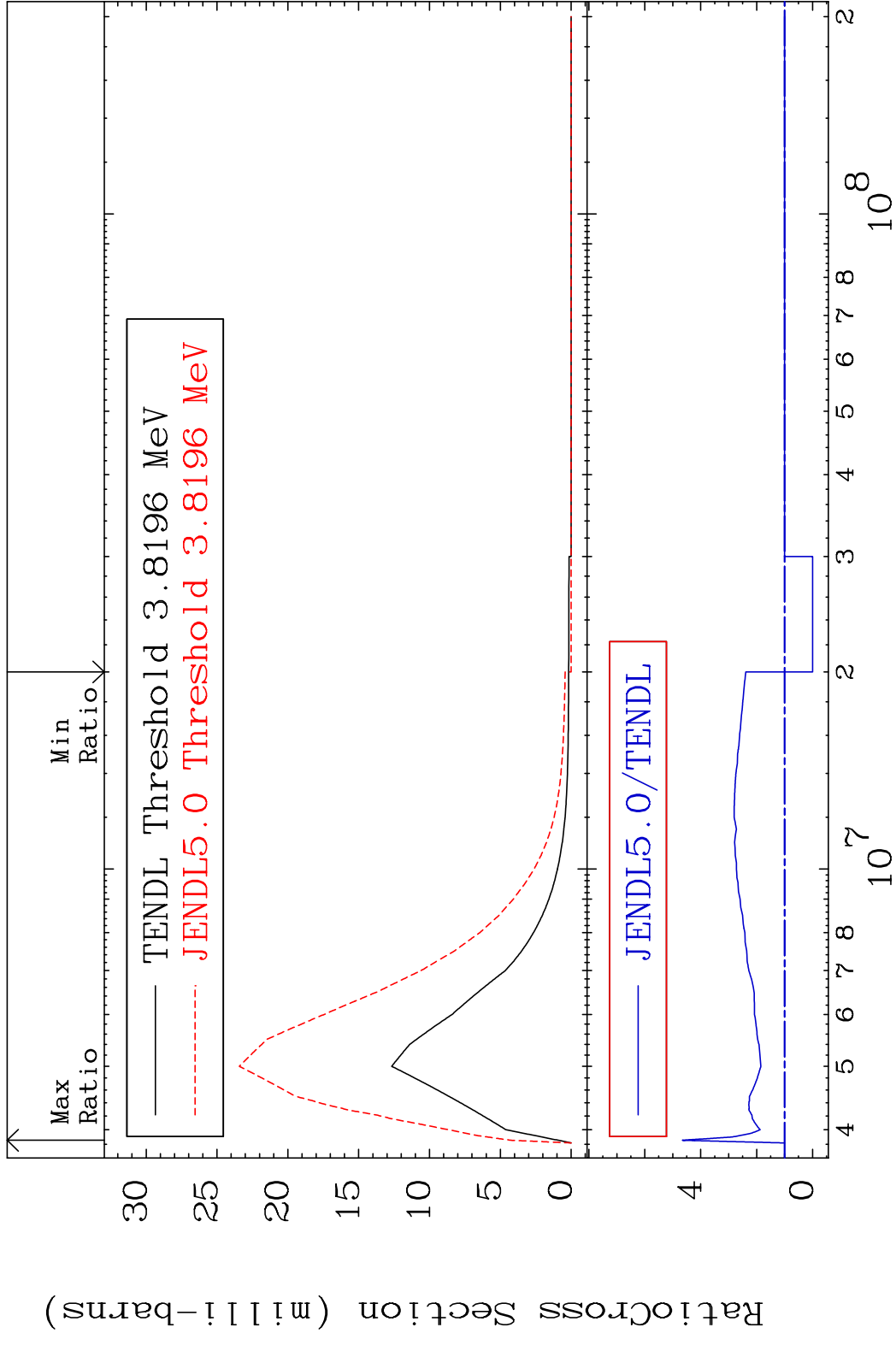
MAT 2637 MT= 69 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 2027. %



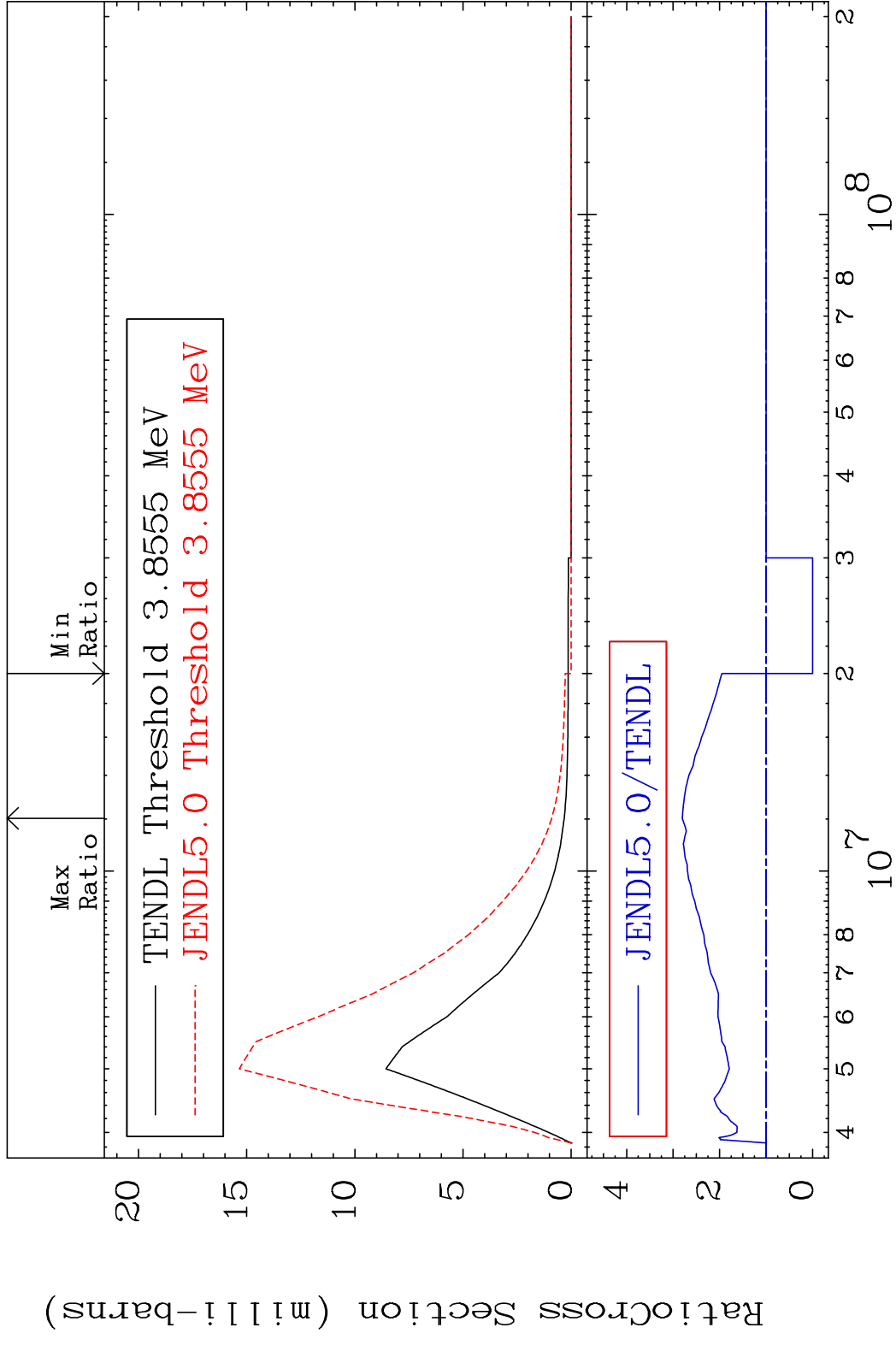
MAT 2637 MT= 70 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 94.16 %



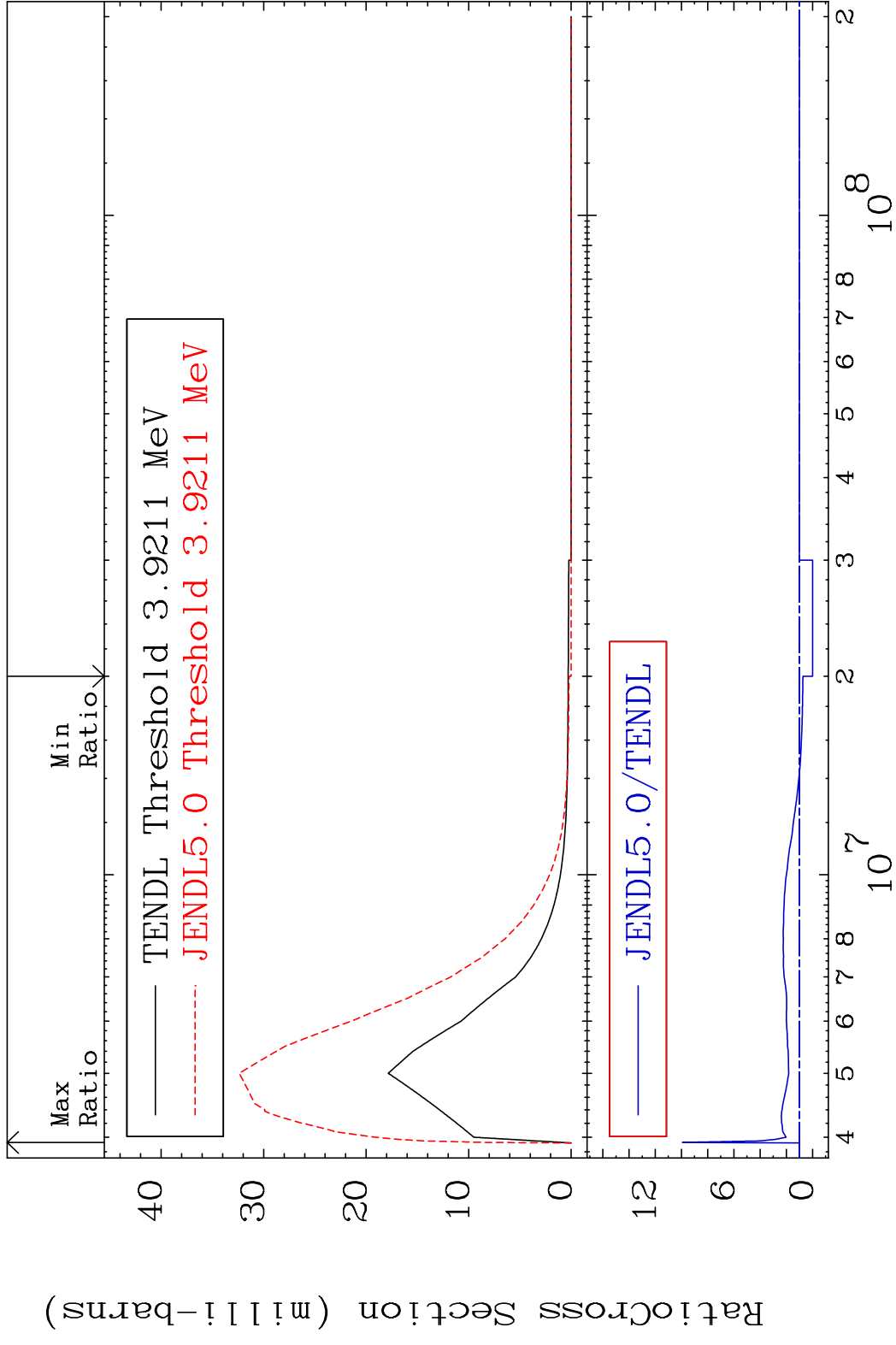
MAT 2637 MT= 71 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 365.6 %



MAT 2637 MT= 72 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 180.1 %

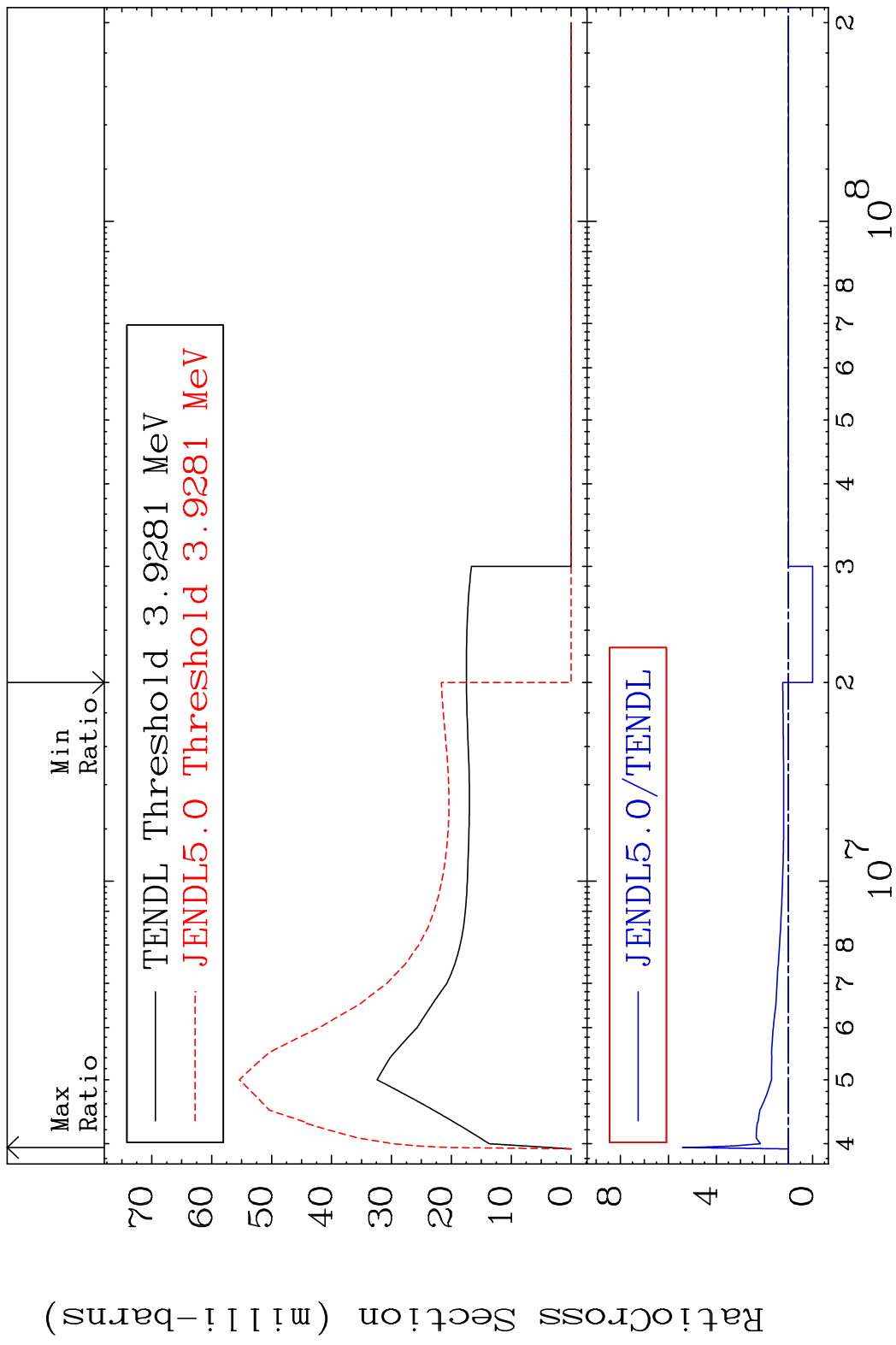


MAT 2637 MT= 73 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 893.3 %

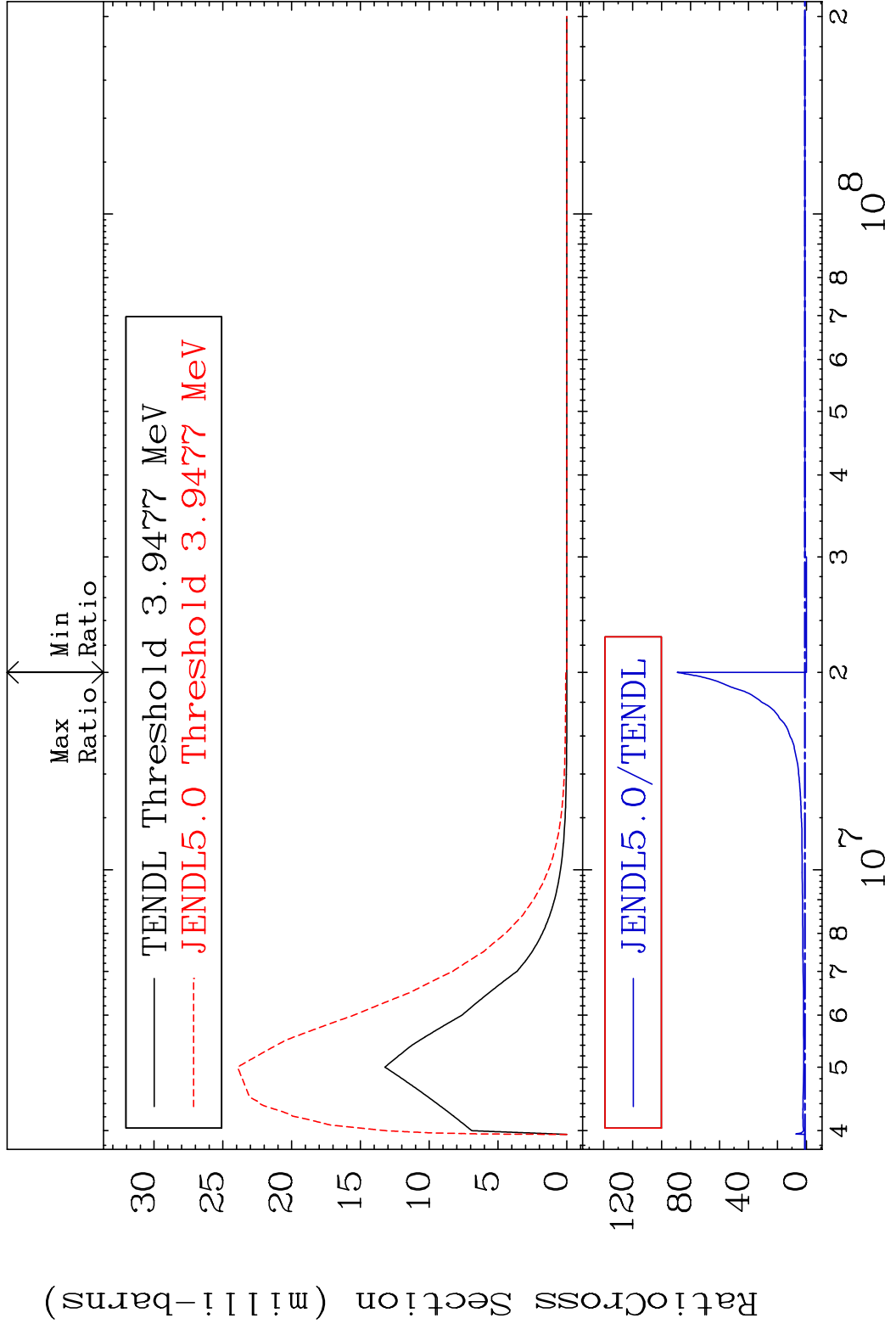




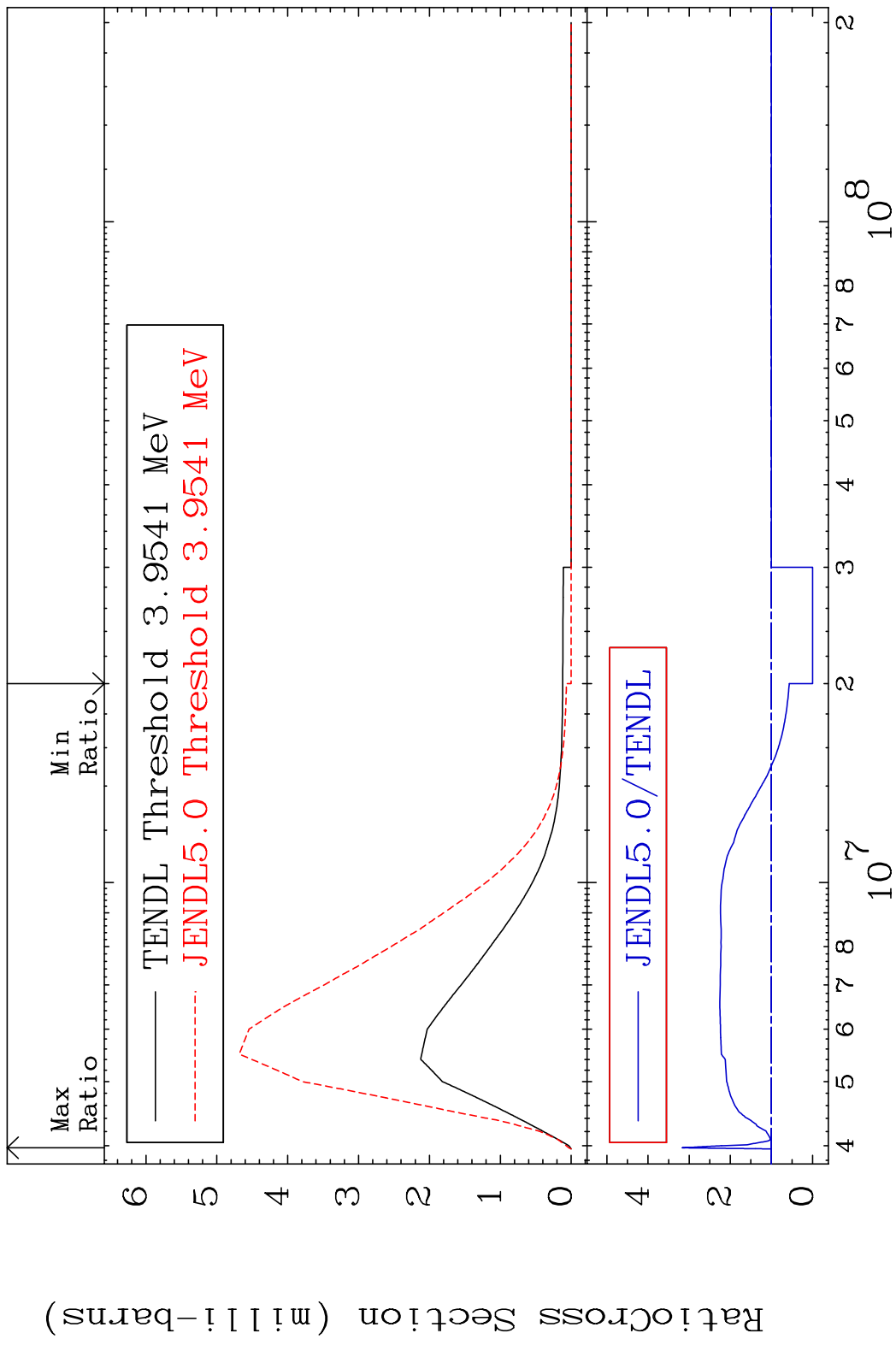
MAT 2637 MT= 74 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 441.8 %



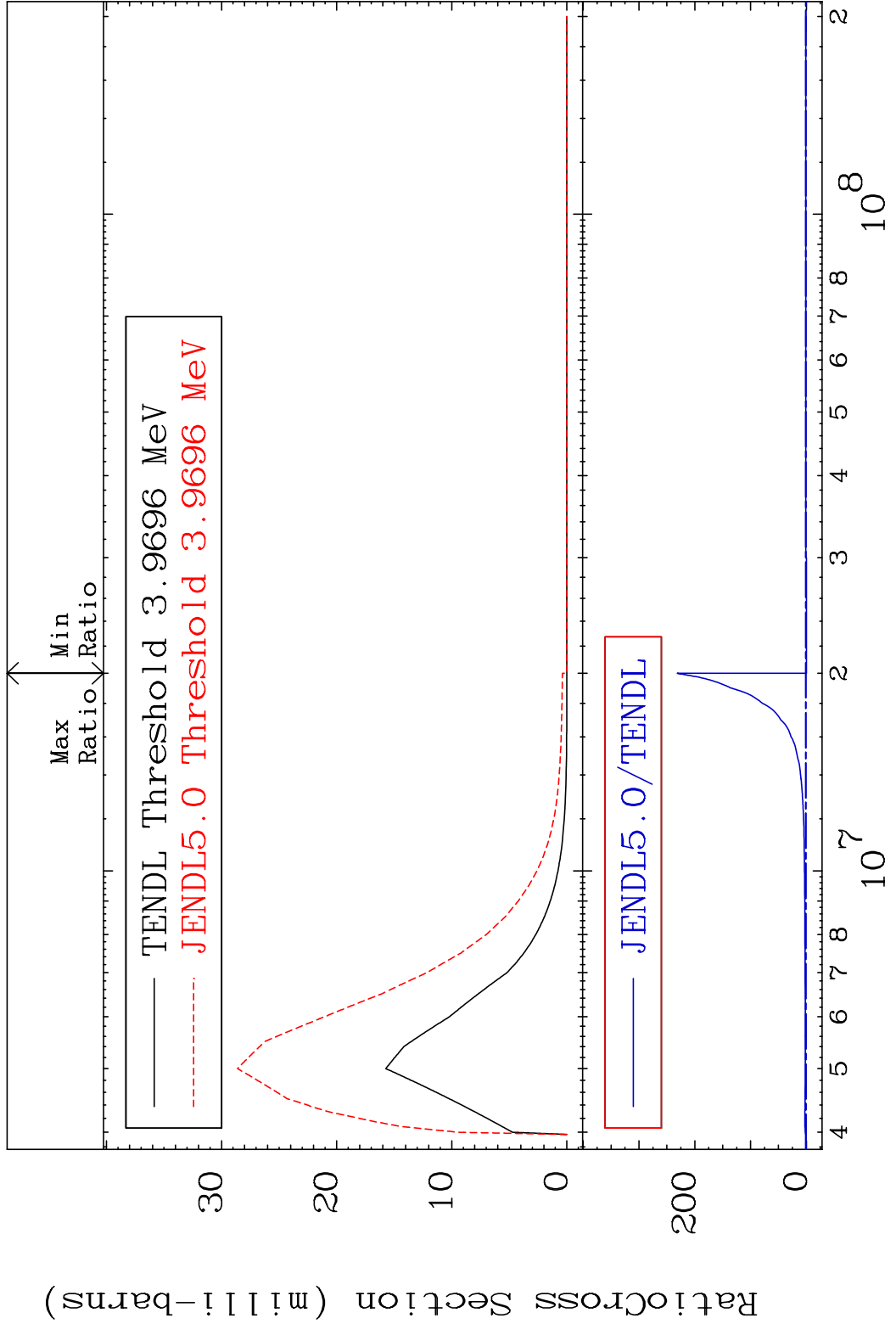
MAT 2637 MT= 75 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 8824. %



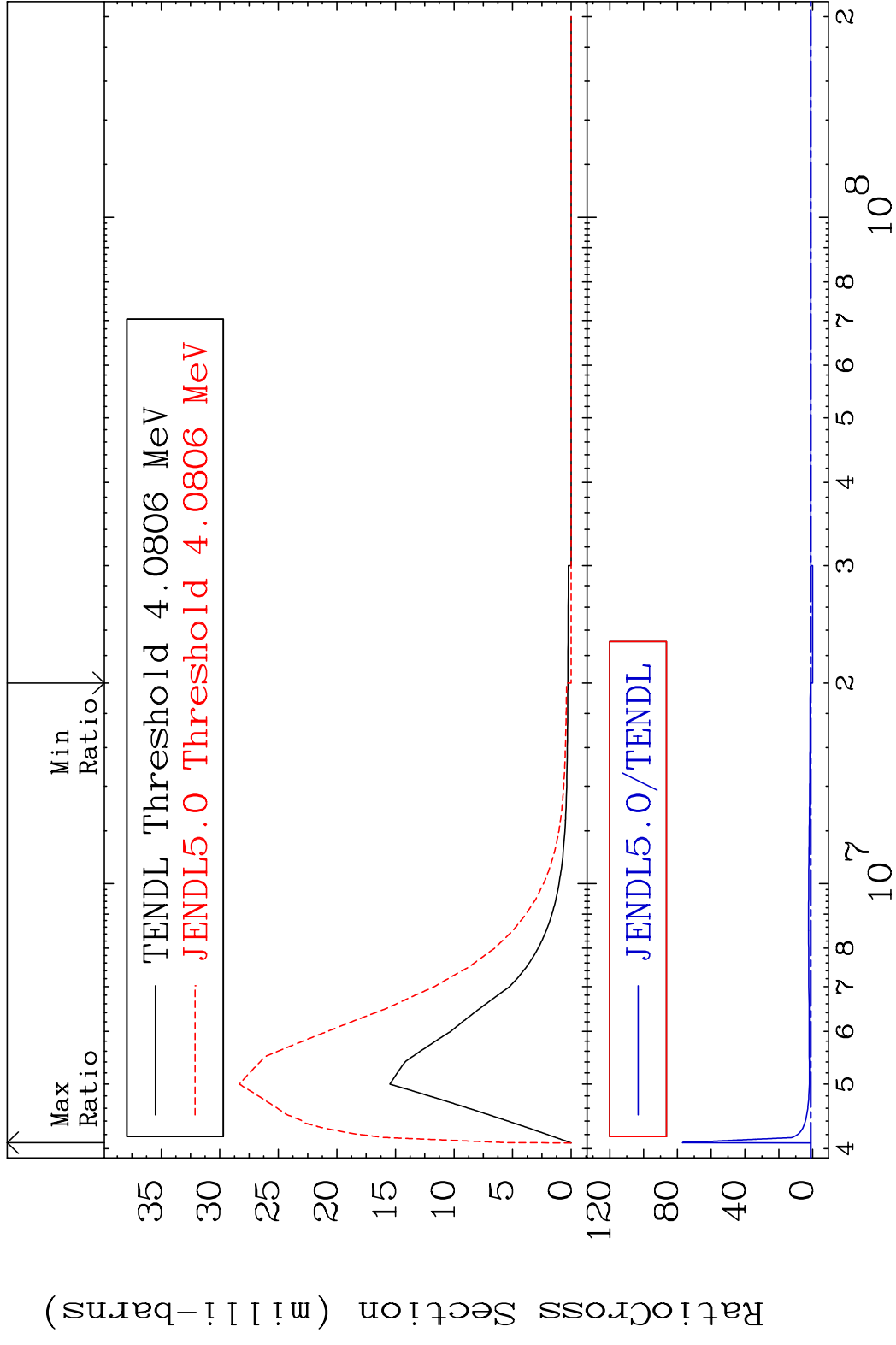
MAT 2637 MT= 76 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 216.6 %



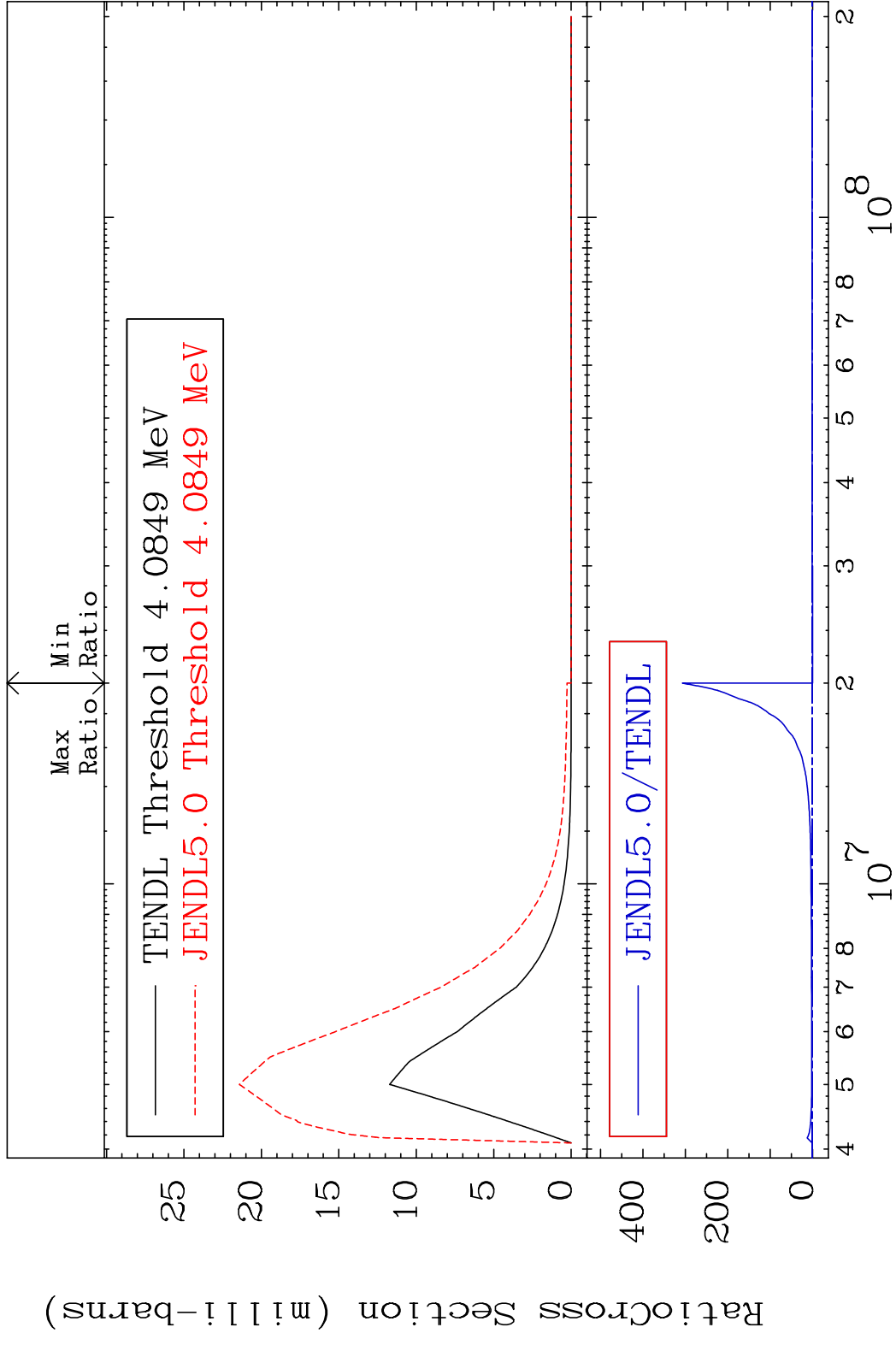
MAT 2637 MT= 77 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %



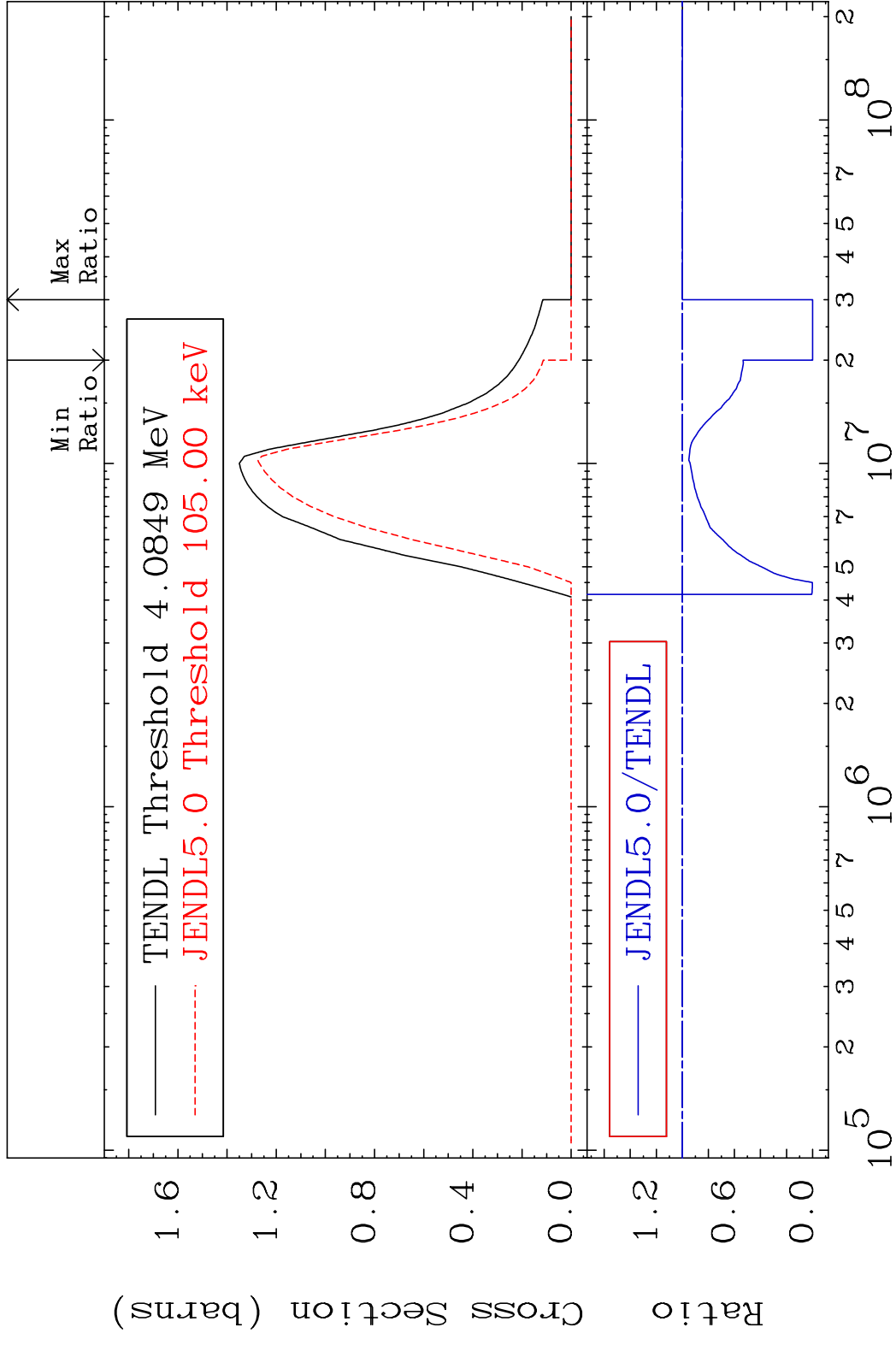
MAT 2637 MT= 78 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 7607. %



MAT 2637 MT= 79 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %



MAT 2637 (n, n') Continuum 26-Fe-58  
 Cross Section -100.0 To 0.000 %

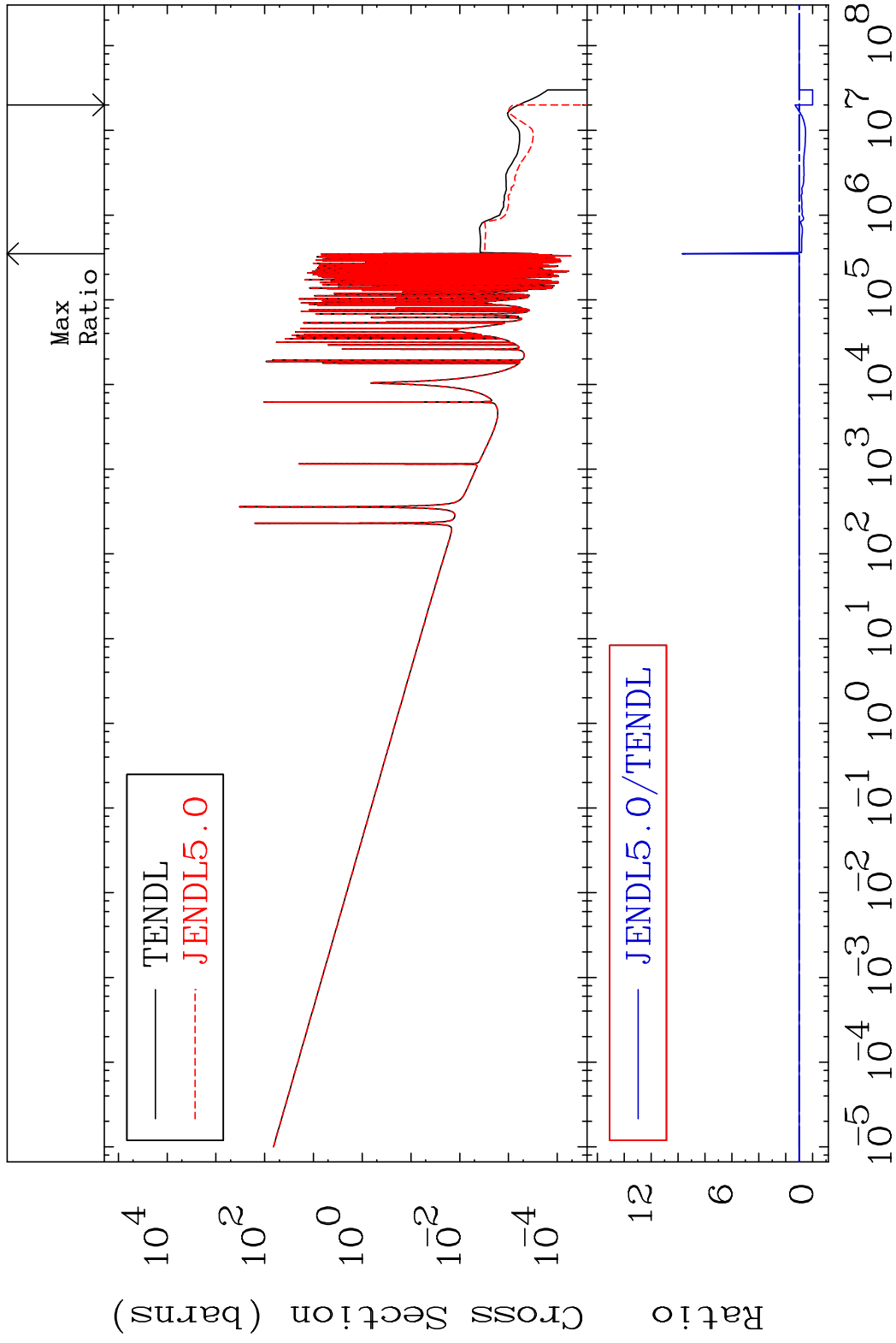


MAT 2637

(n,  $\gamma$ )

26-Fe-58

Cross Section -100.0 To 868.1 %



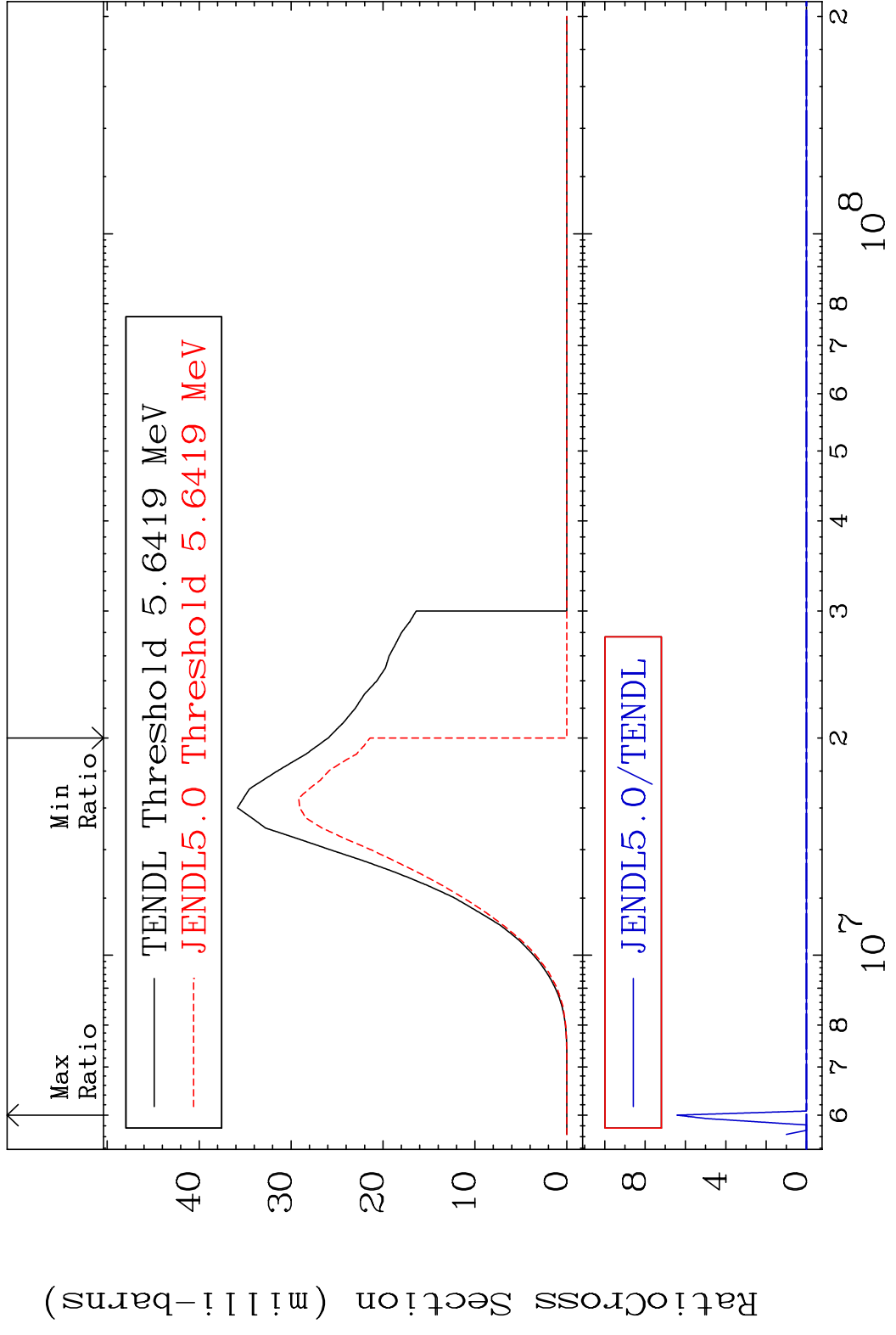
39

Incident Energy (eV)

26-Fe-58



MAT 2637 (n,p) 26-Fe-58  
 Cross Section -100.0 To 9999. %



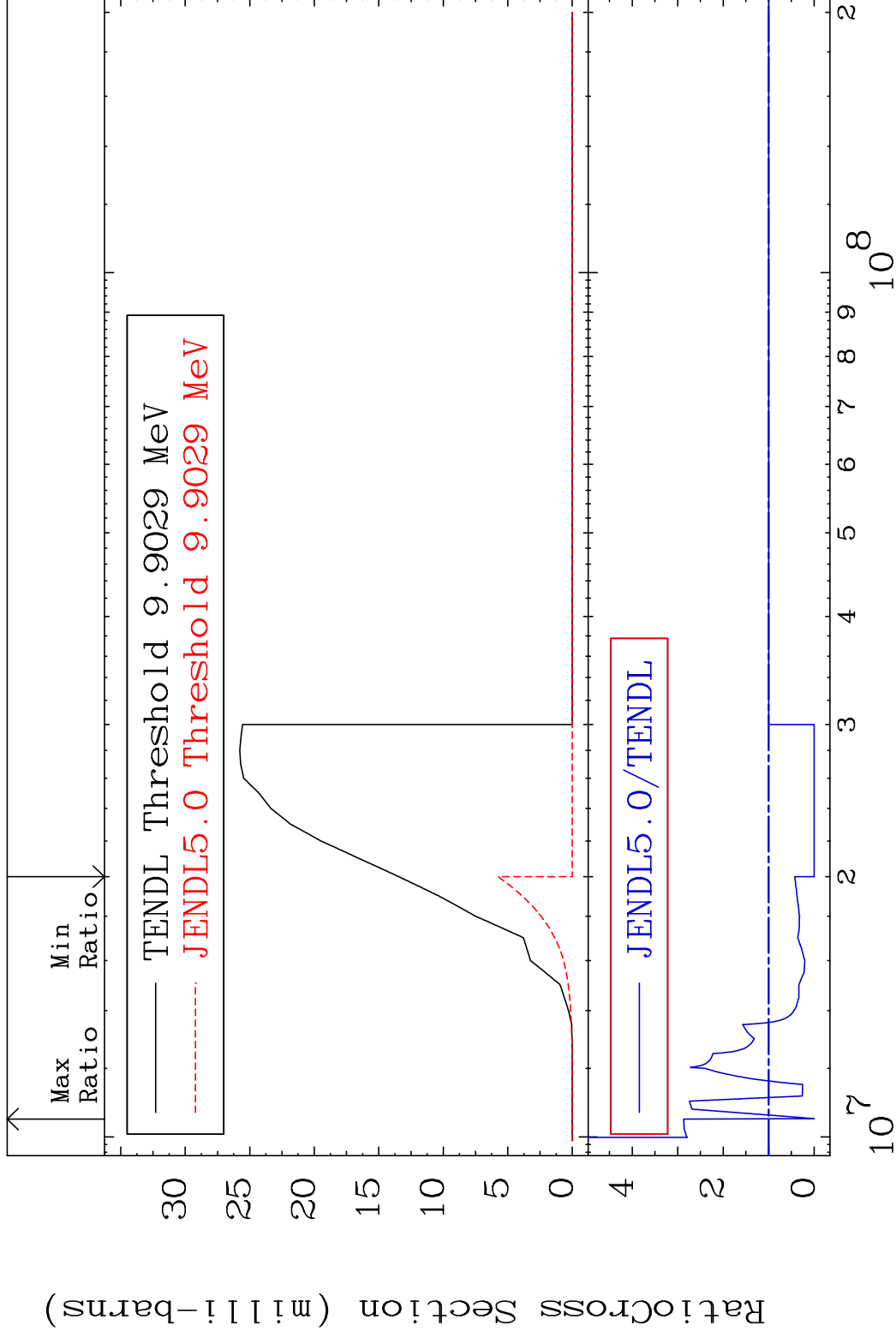
40 6 7 8 10 20 30 40 50 60 70 80 100 200 300 400 500 600 700 800 900 1000 2000 3000 4000 5000 6000 7000 8000 10000 20000 30000 40000 50000 60000 70000 80000 90000 100000

MAT 2637

(n,d)

<sup>26</sup>Fe-58

Cross Section -100.0 To 186.9 %



41

Incident Energy (eV)

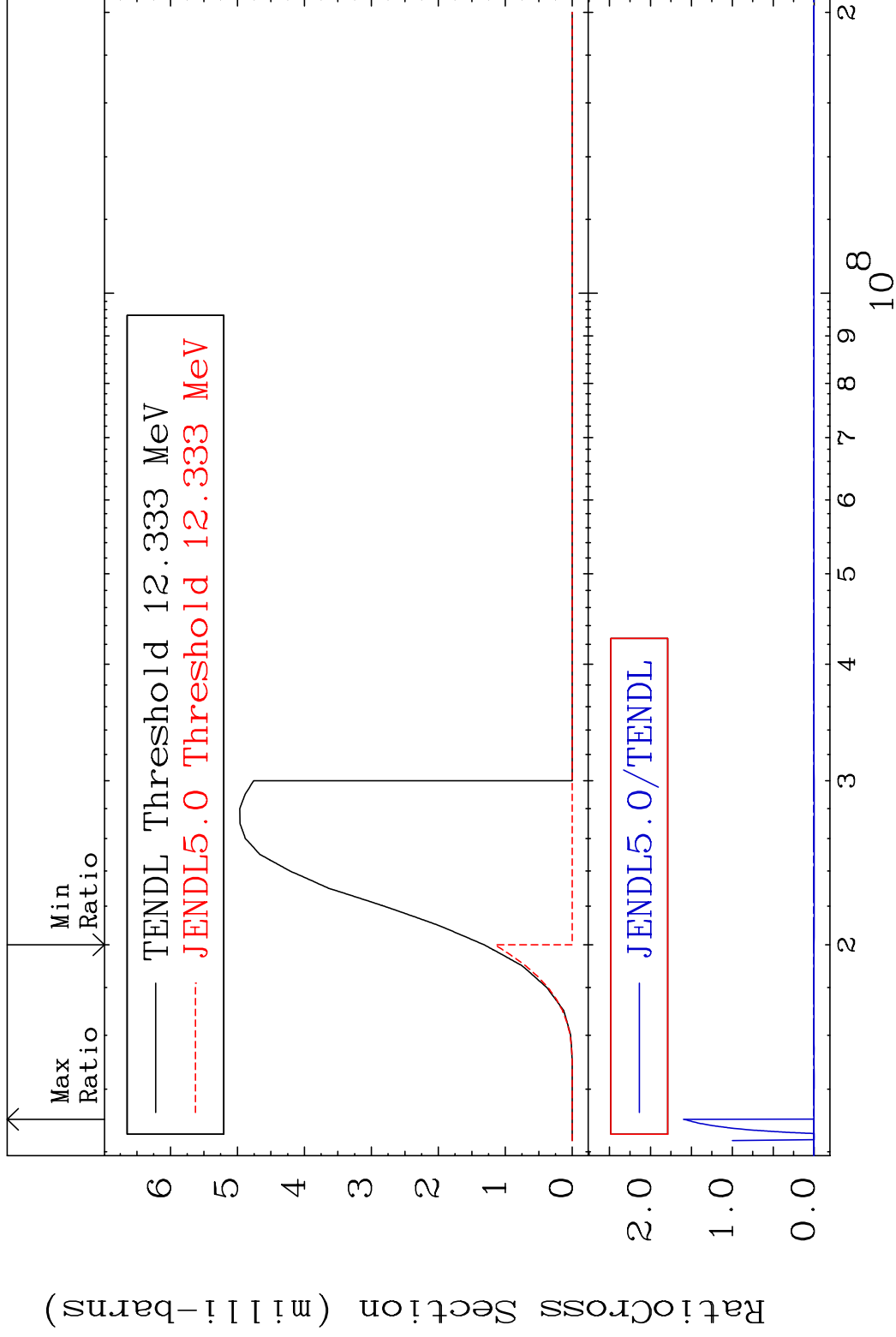
<sup>26</sup>Fe-58

MAT 2637

(n, t)

26-Fe-58

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

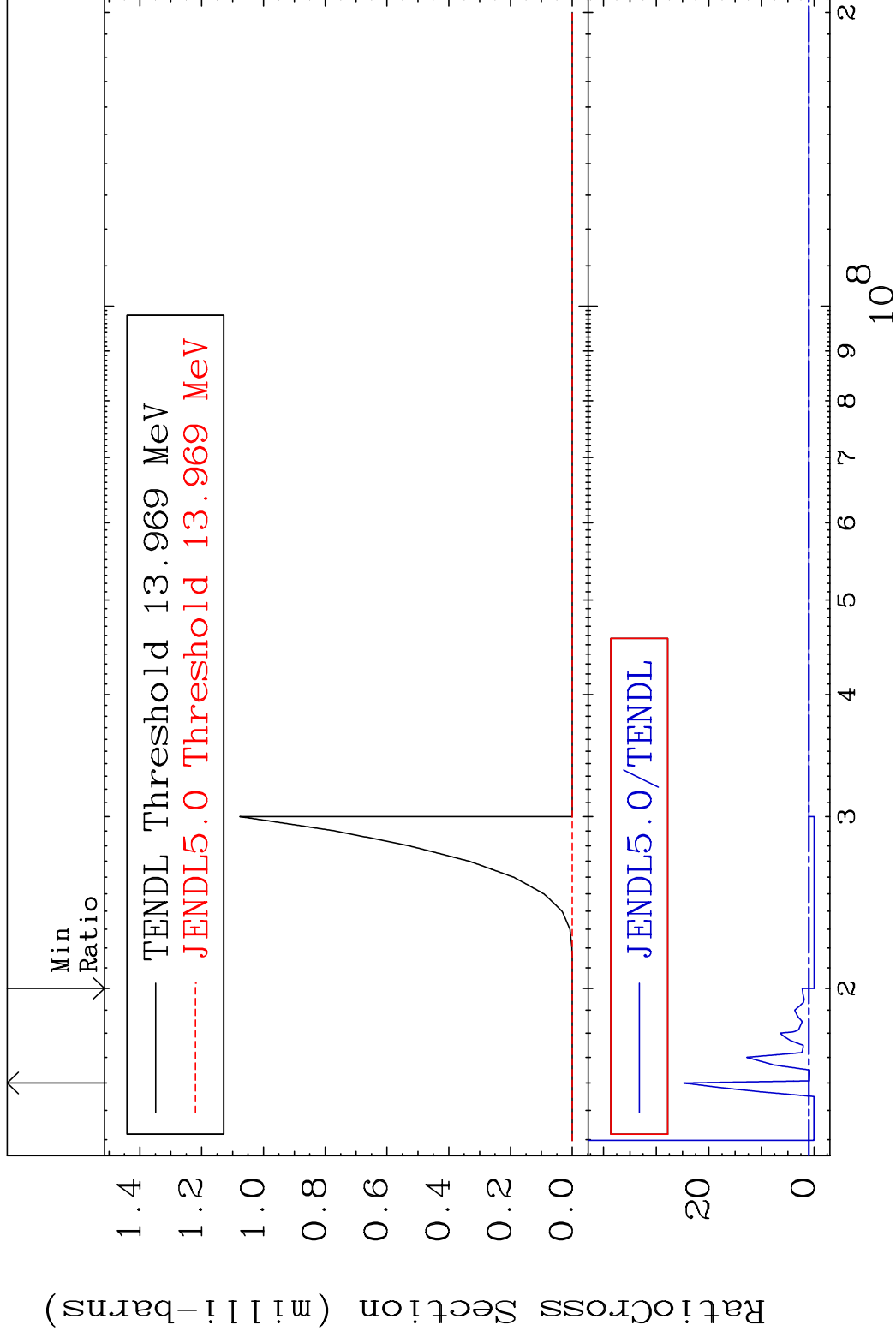
26-Fe-58

MAT 2637

(n, He-3)

<sup>26</sup>Fe-58

Cross Section -100.0 To 2378. %

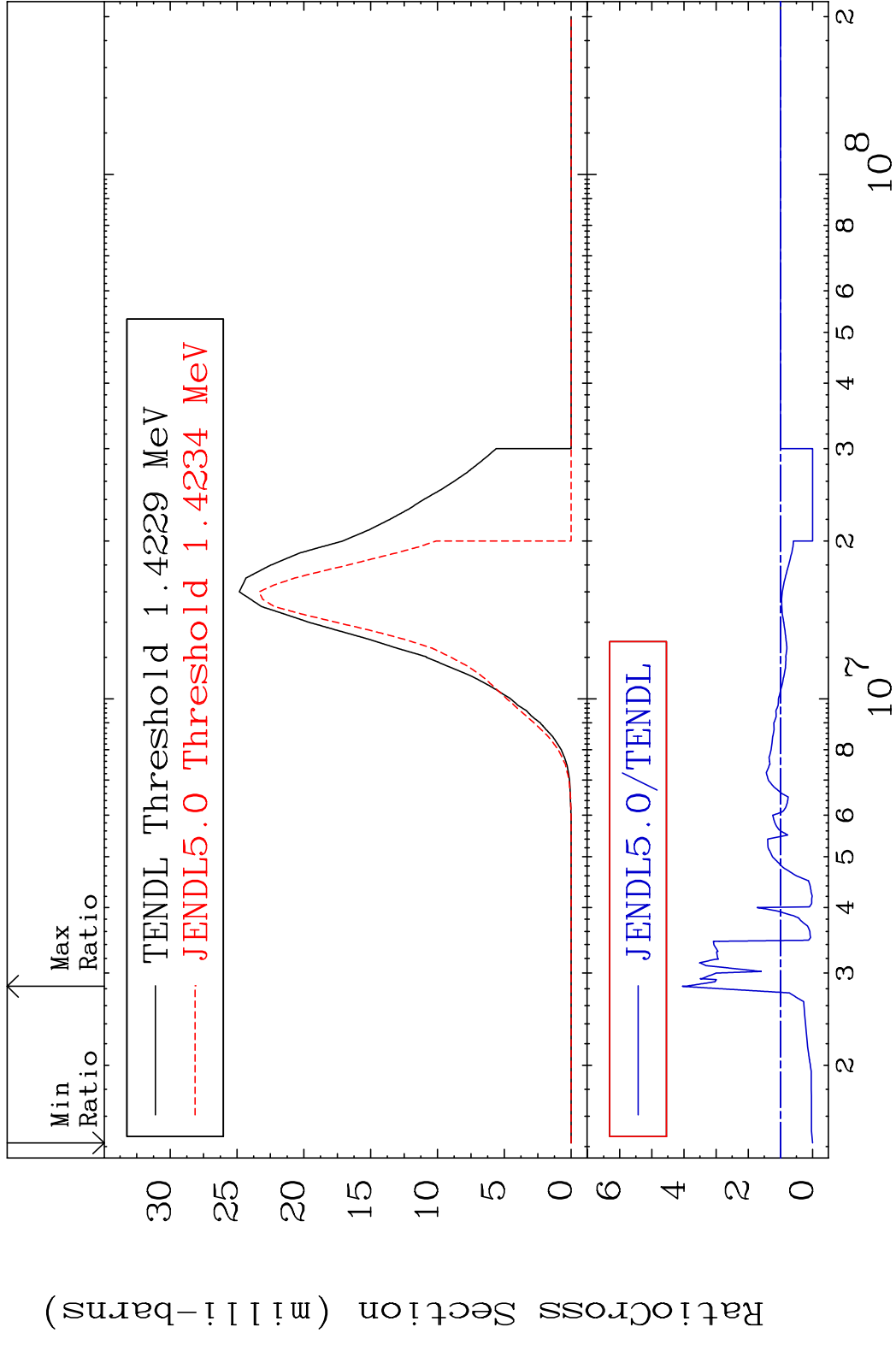


43

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 (n,  $\alpha$ ) 26-Fe-58  
 Cross Section -100.0 To 305.0 %

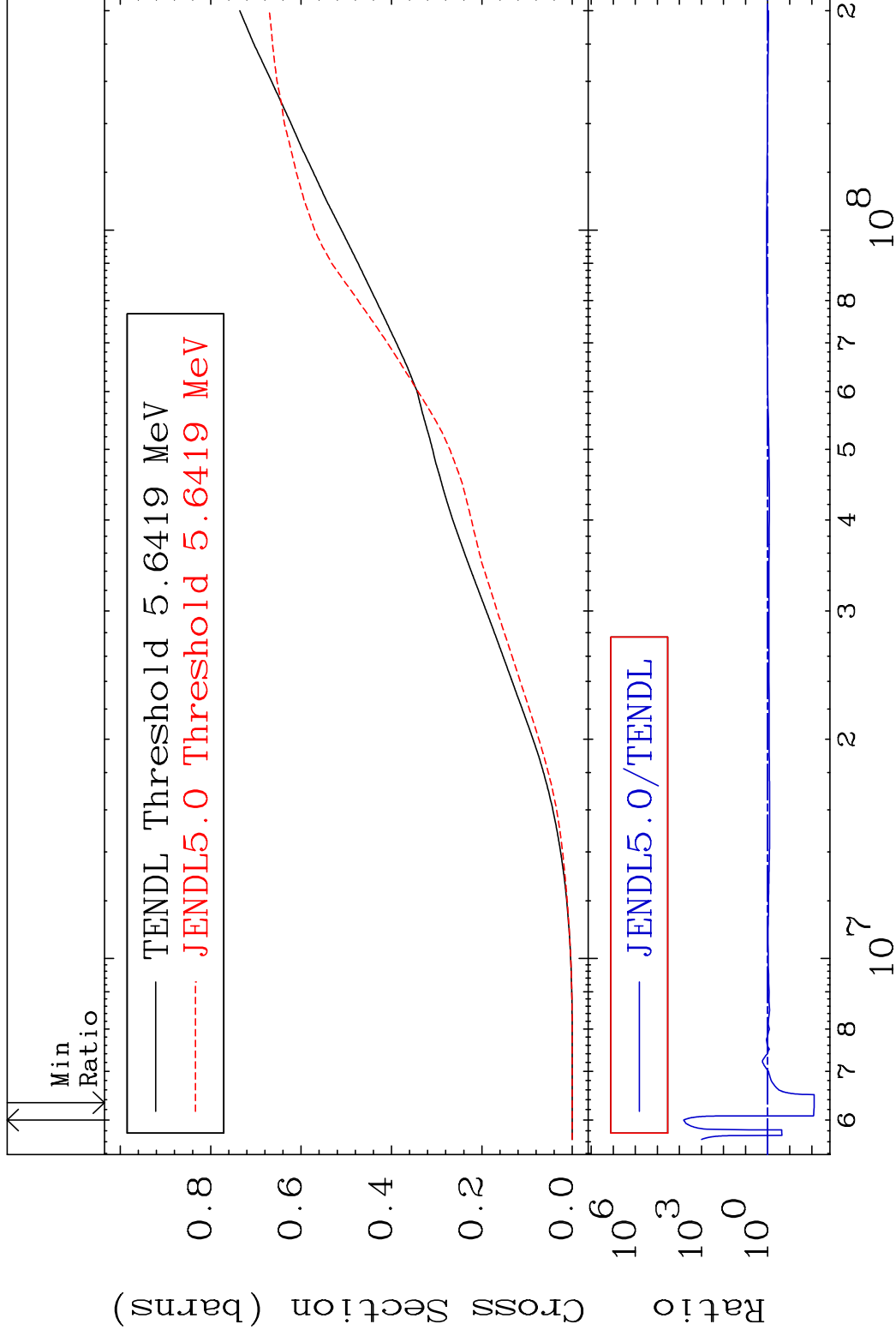


MAT 2637

Hydrogen Production

<sup>26</sup>Fe-58

Cross Section -99.22 To 9999. %



45

Incident Energy (eV)

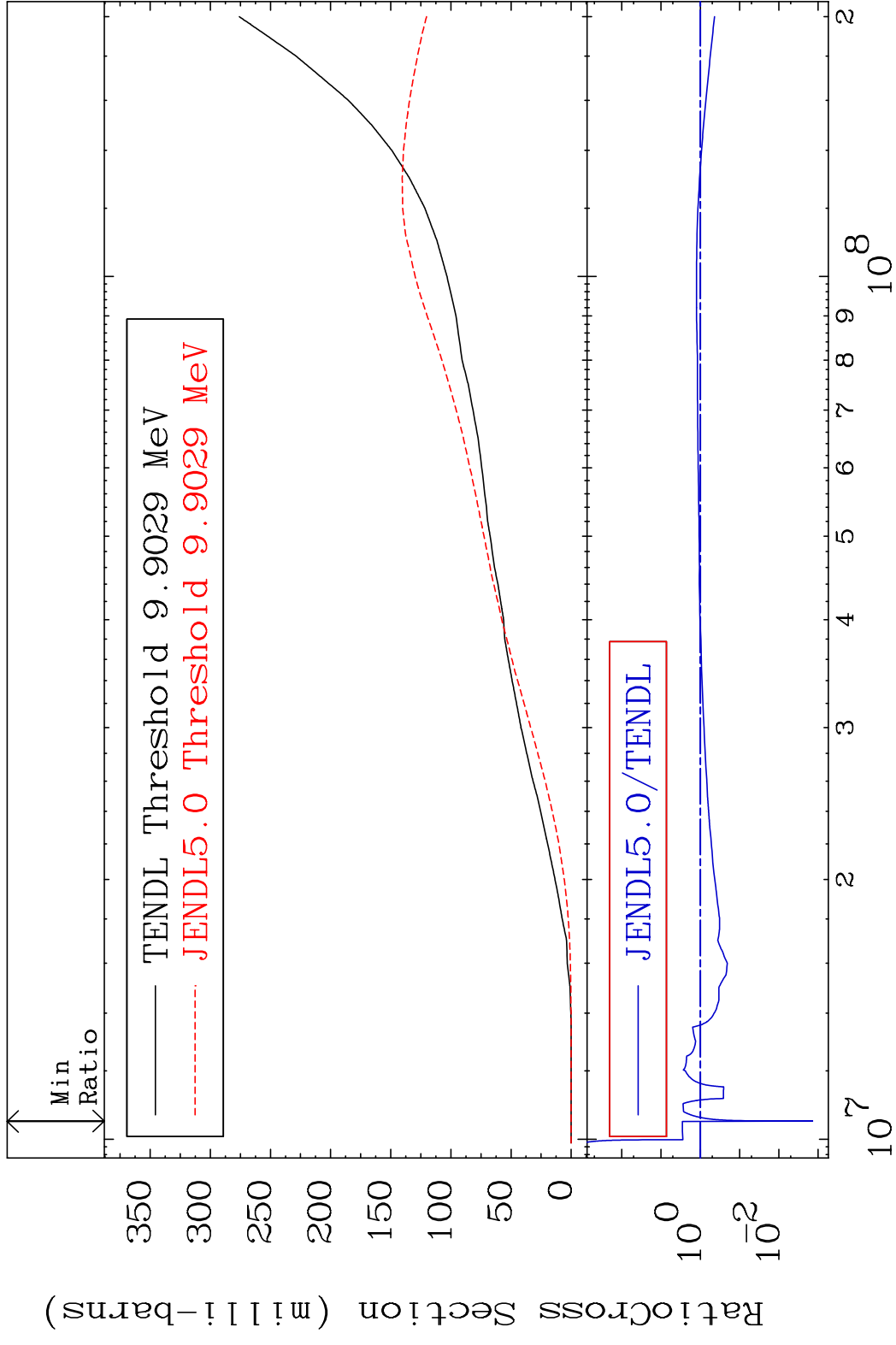
<sup>26</sup>Fe-58

MAT 2637

Deuterium Production

<sup>26</sup>Fe-58

Cross Section -99.86 To 186.9 %



46

Incident Energy (eV)

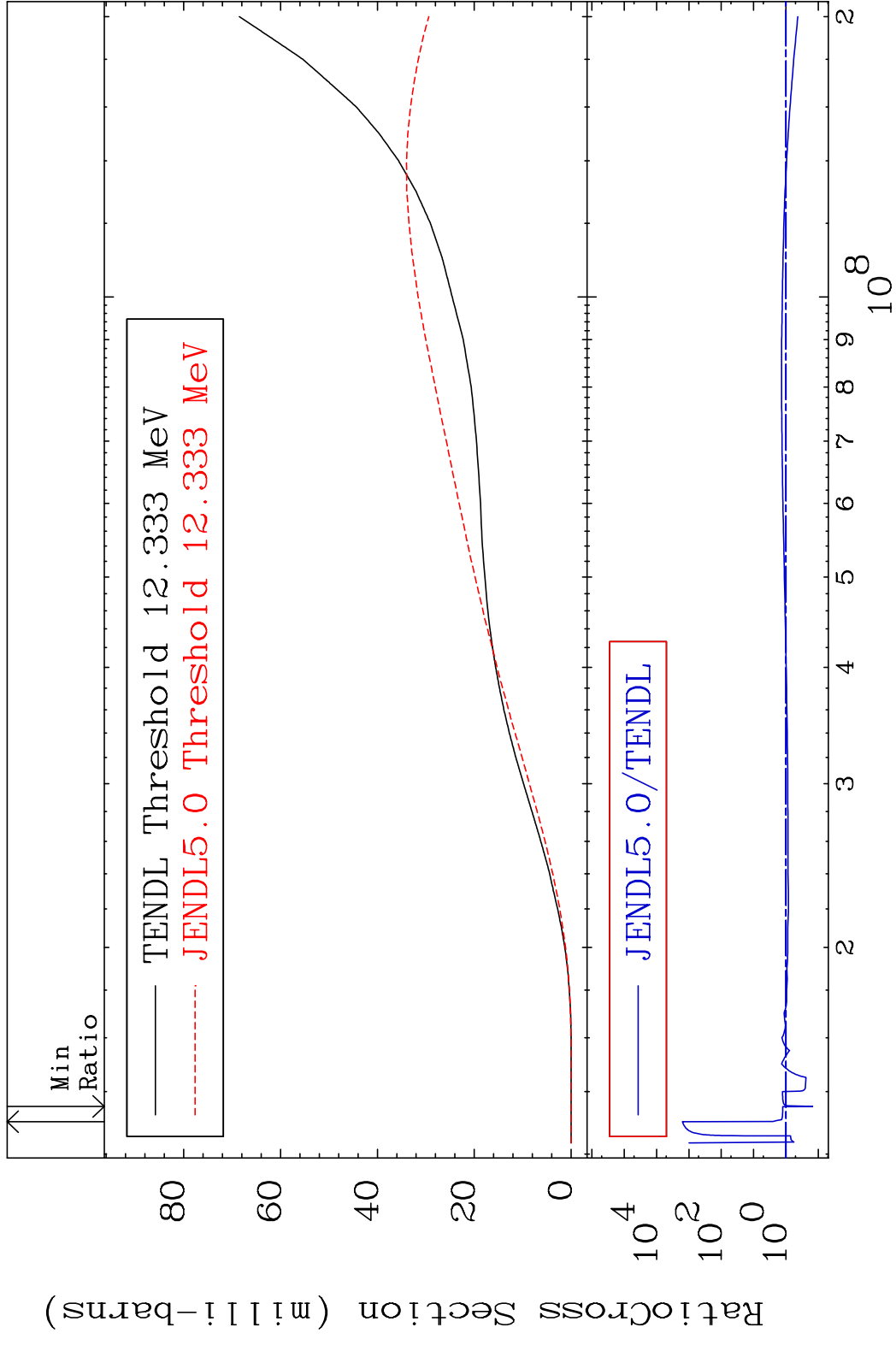
<sup>26</sup>Fe-58

MAT 2637

Tritium Production

<sup>26</sup>Fe-58

Cross Section -85.04 To 9999. %



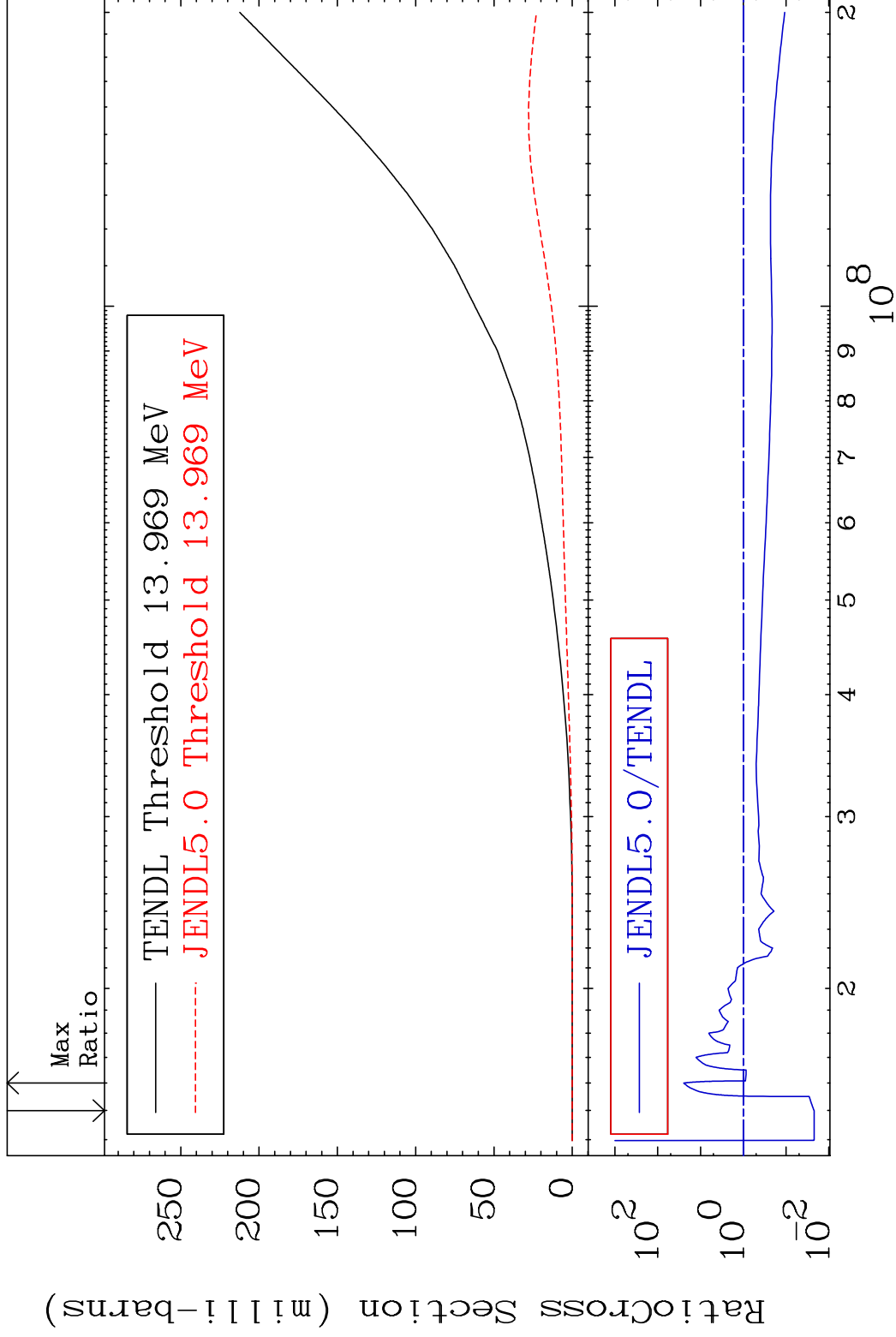


MAT 2637

He-3 Production

<sup>26</sup>Fe-58

Cross Section -97.78 To 2378. %



48

Incident Energy (eV)

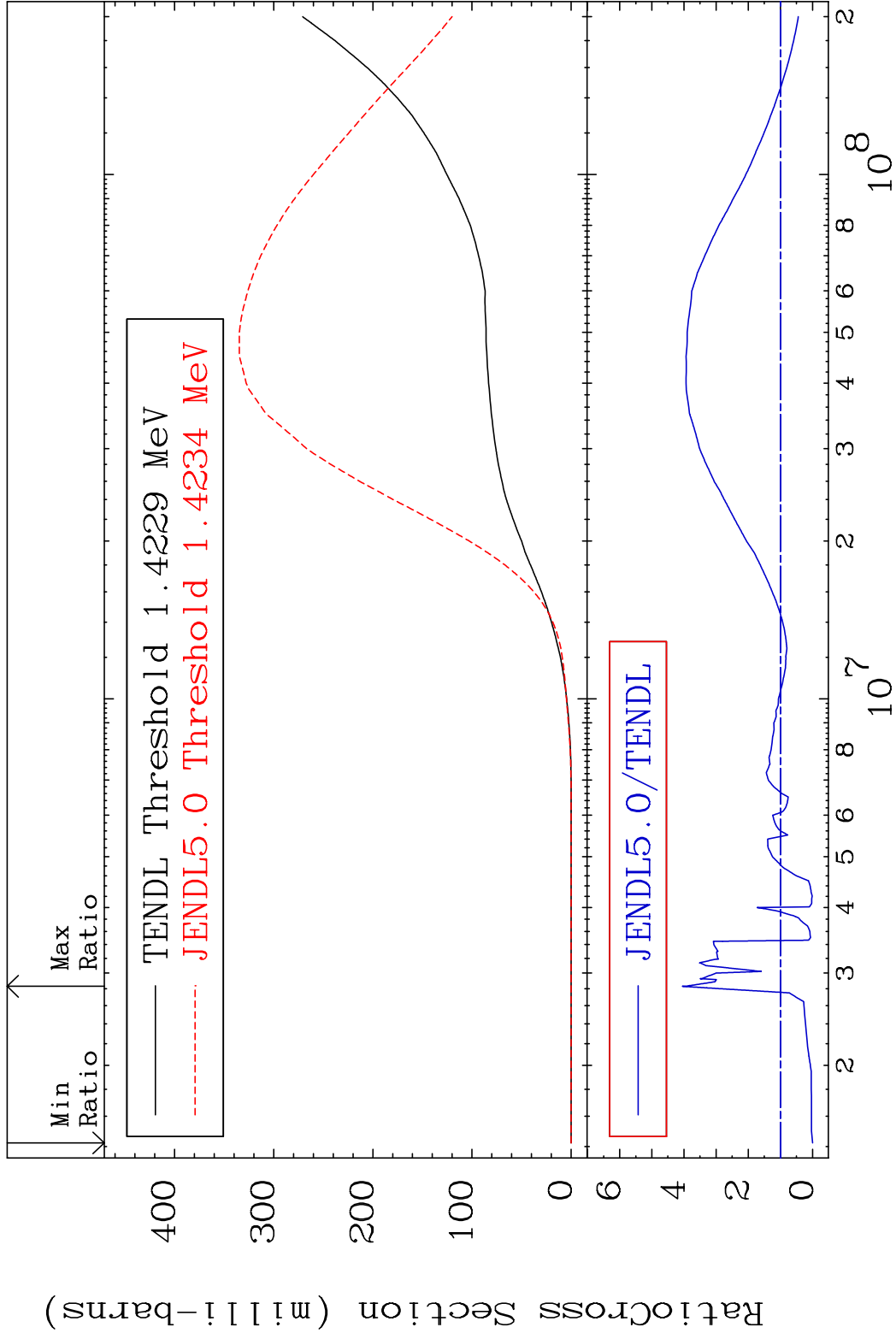
<sup>26</sup>Fe-58

MAT 2637

He-4 Production

<sup>26</sup>Fe-58

Cross Section -100.0 To 305.0 %

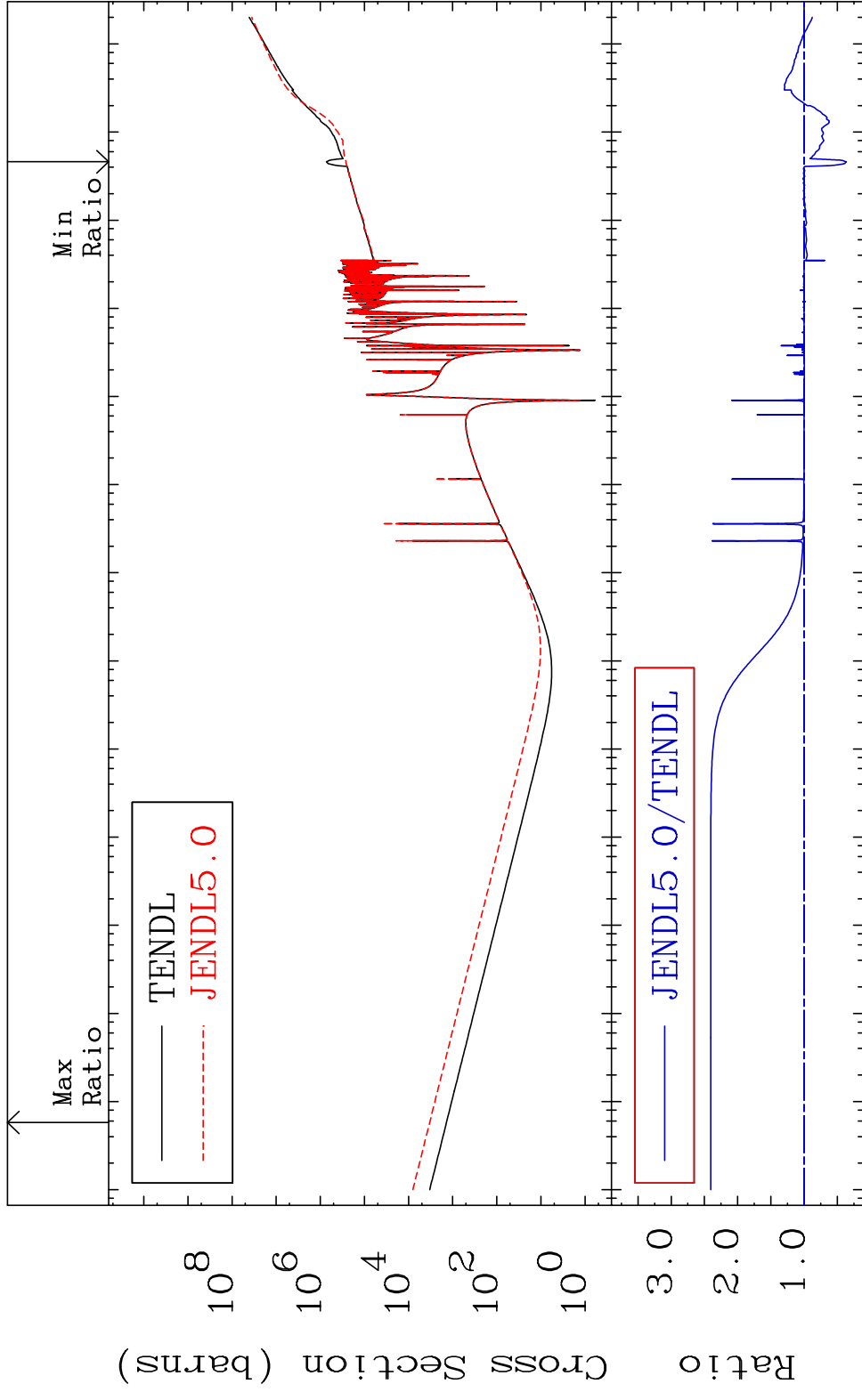


49

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 Kerma total (eV-barns) 26-Fe-58  
 Cross Section -63.62 To 140.5 %

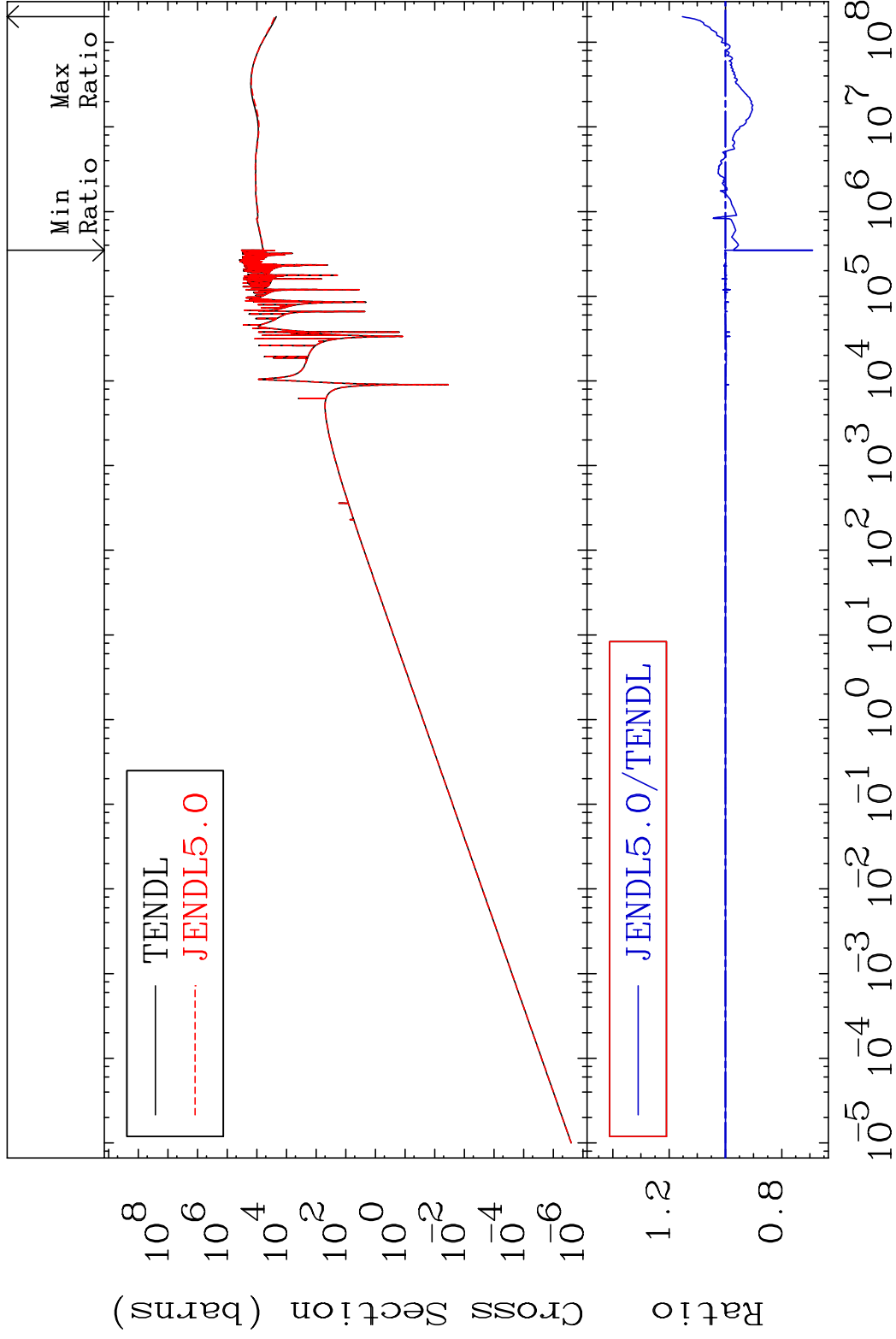


50 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic  
Cross Section

26-Fe-58  
-30.94 To 15.28 %

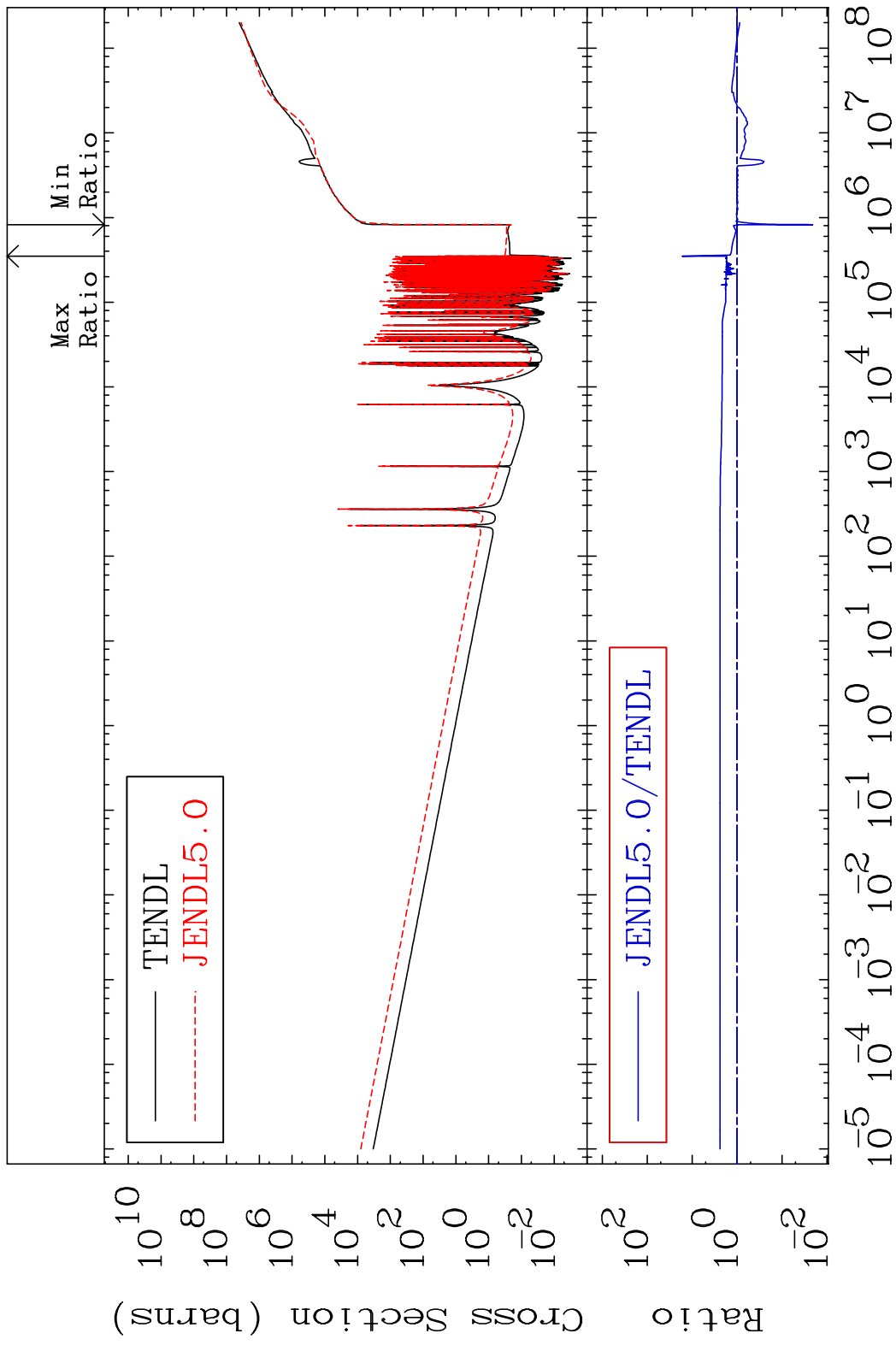


51

Incident Energy (eV)

26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58  
 Cross Section -97.90 To 1554. %

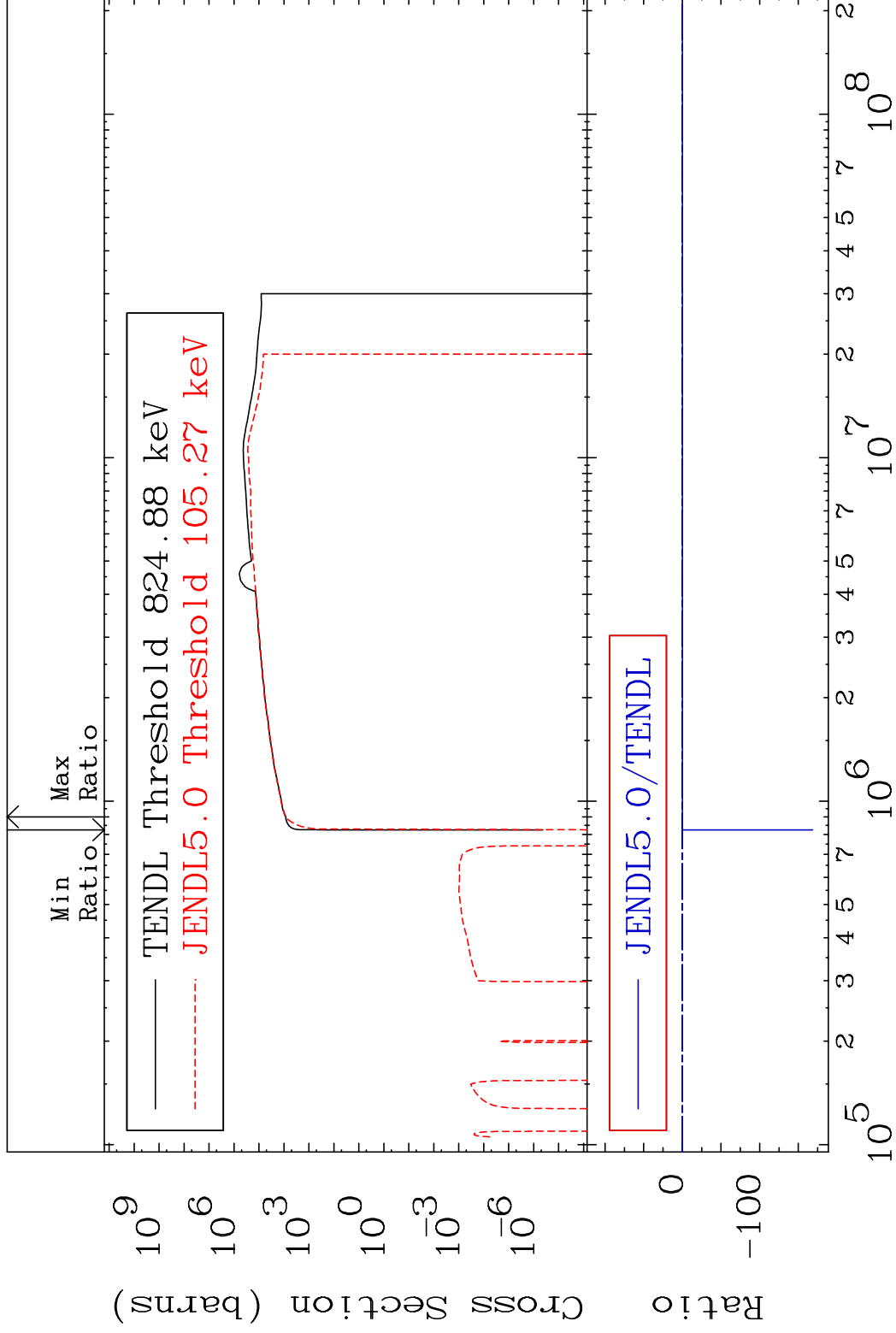


52 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma inelastic (mt51-91) 26-Fe-58

Cross Section -9999. To 6.059 %

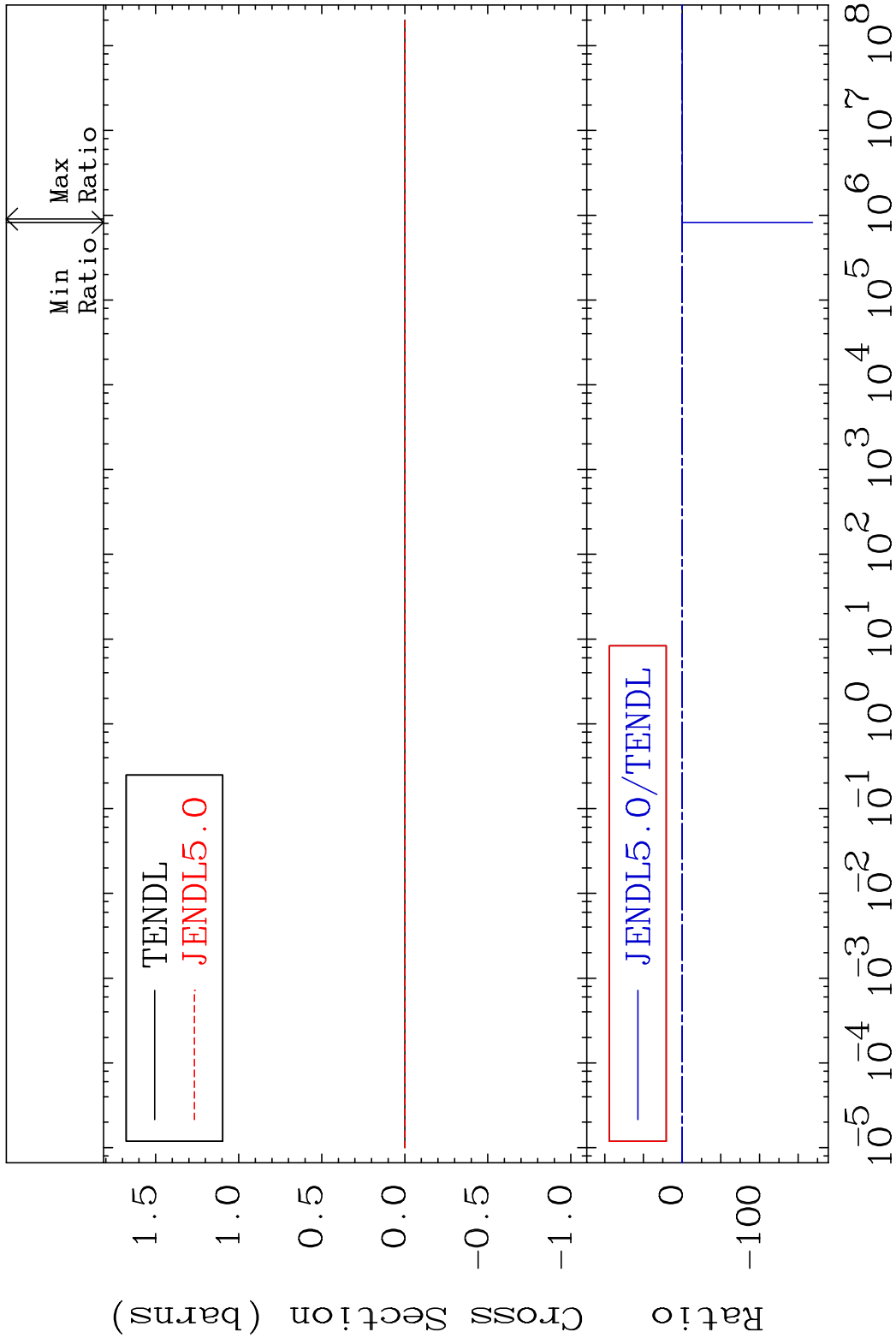


53

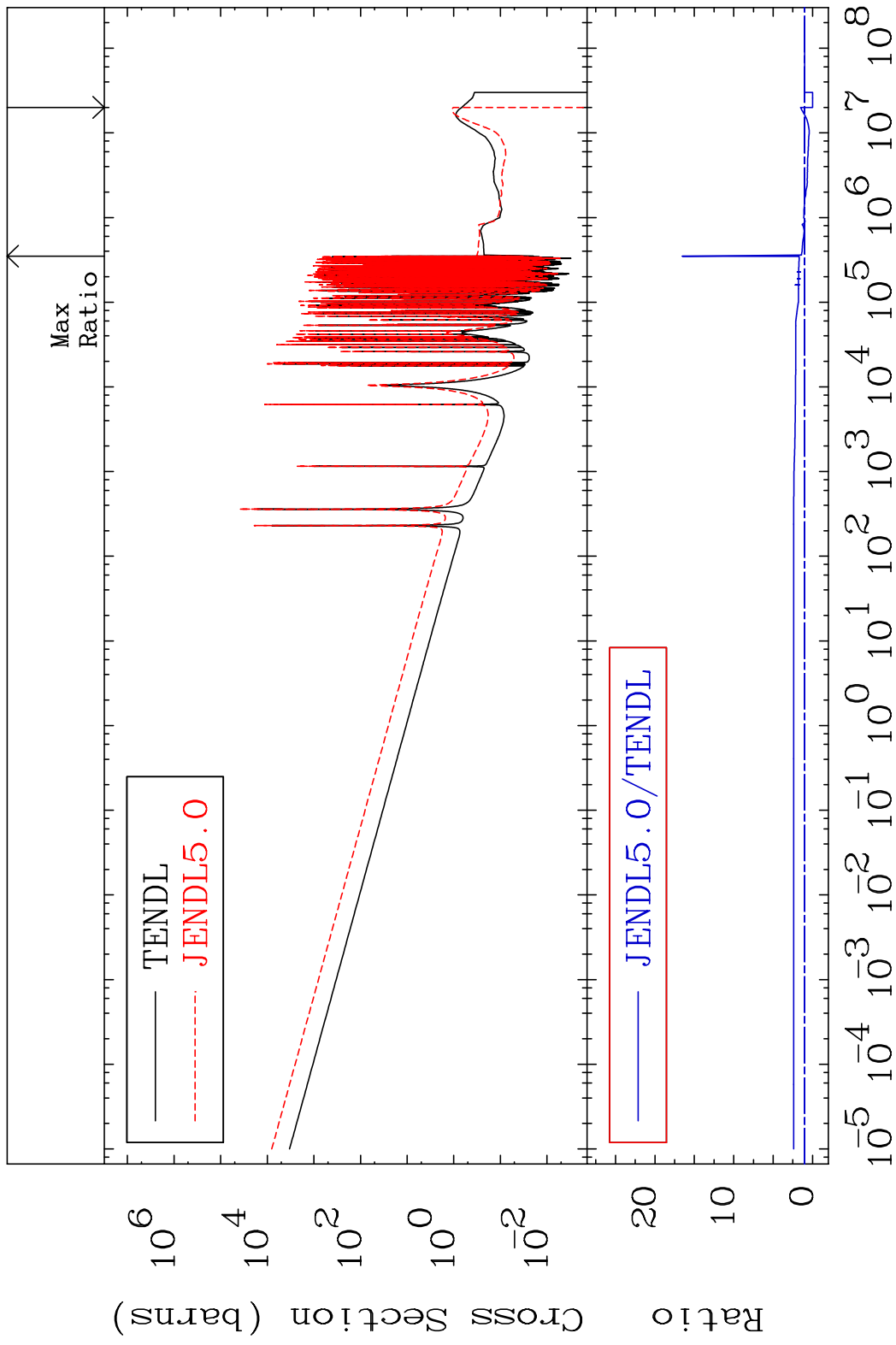
Incident Energy (eV)

26-Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58  
 Cross Section -9999. To 6.059 %



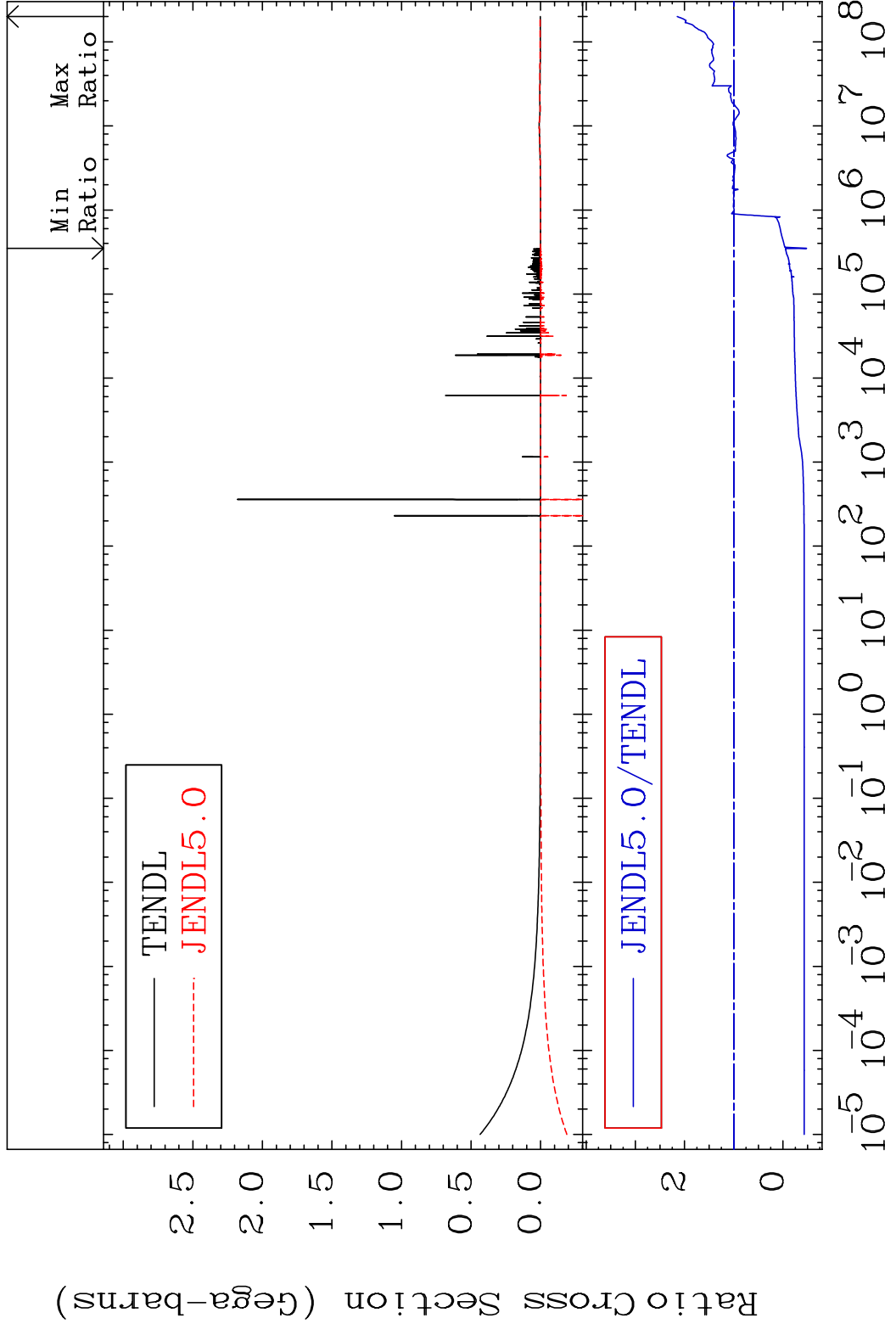
MAT 2637 Kerma capture (mt102) 26-Fe-58  
 Cross Section -100.0 To 1552. %



55 Incident Energy (eV) 26-Fe-58

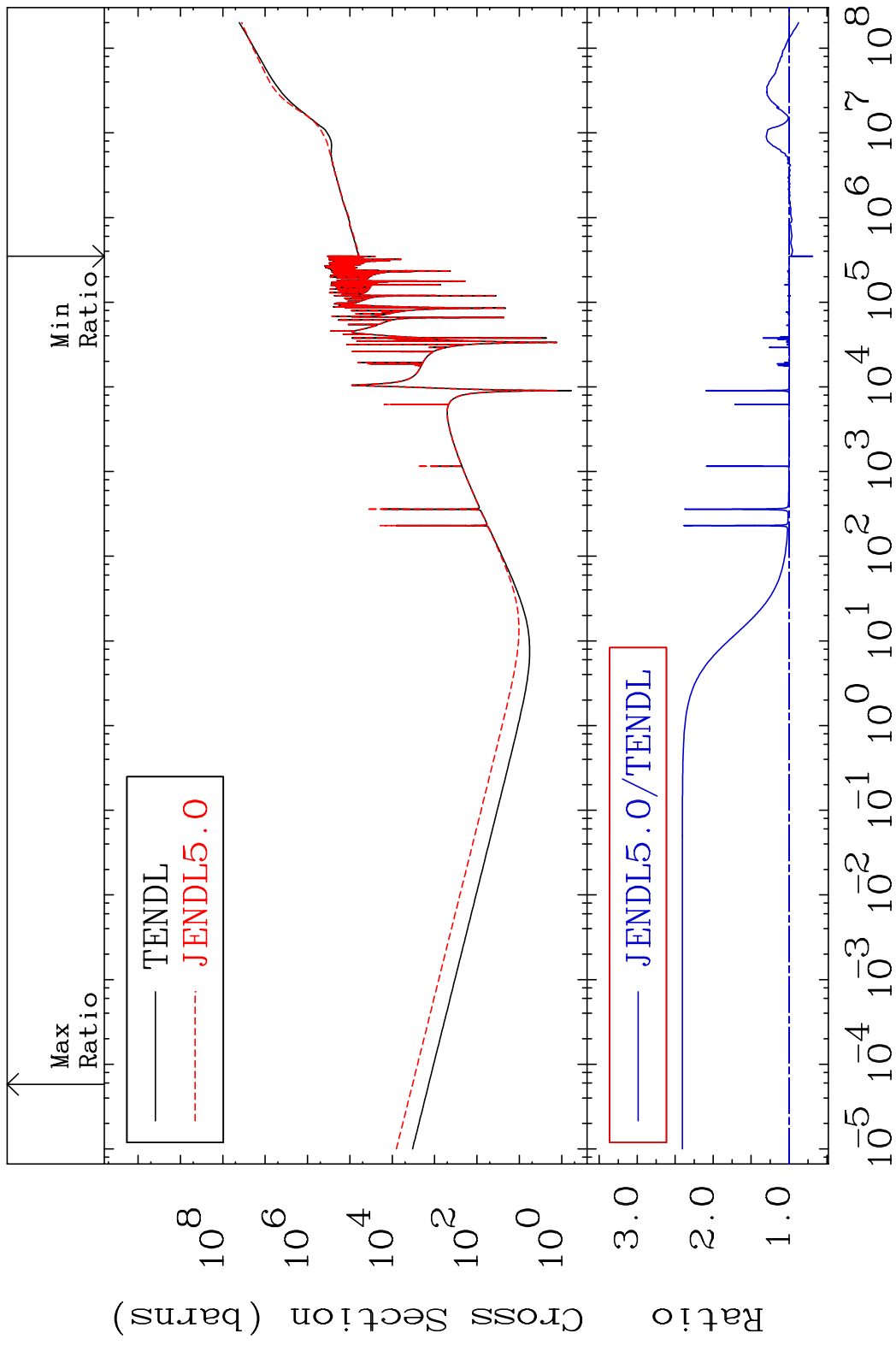


MAT 2637 Total photon (eV-barns) 26-Fe-58  
 Cross Section -147.6 To 115.0 %

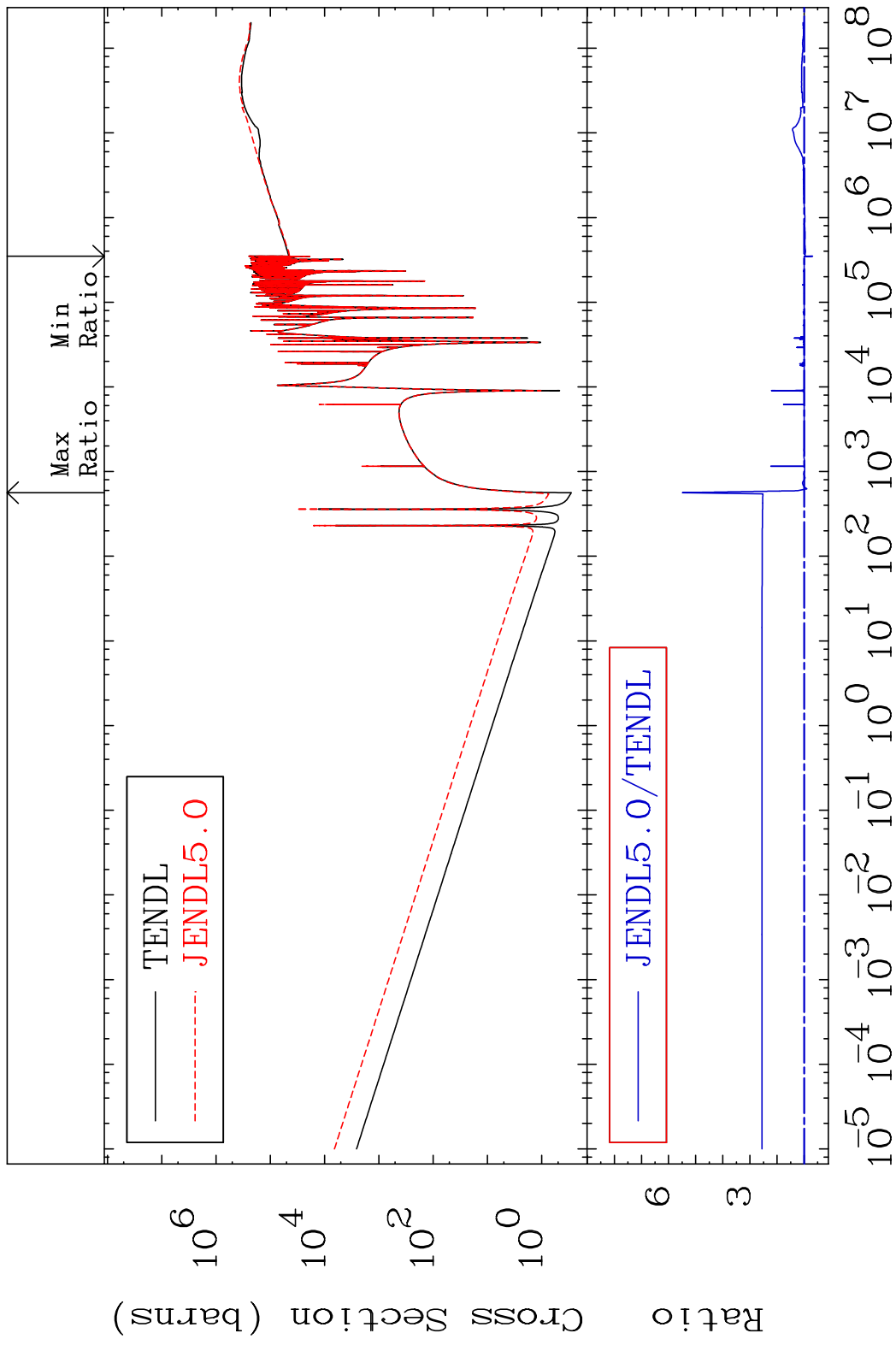


56 Incident Energy (eV) 26-Fe-58

MAT 2637 Total kinematic kerma (high limit) 26-Fe-58  
 Cross Section -30.94 To 140.5 %

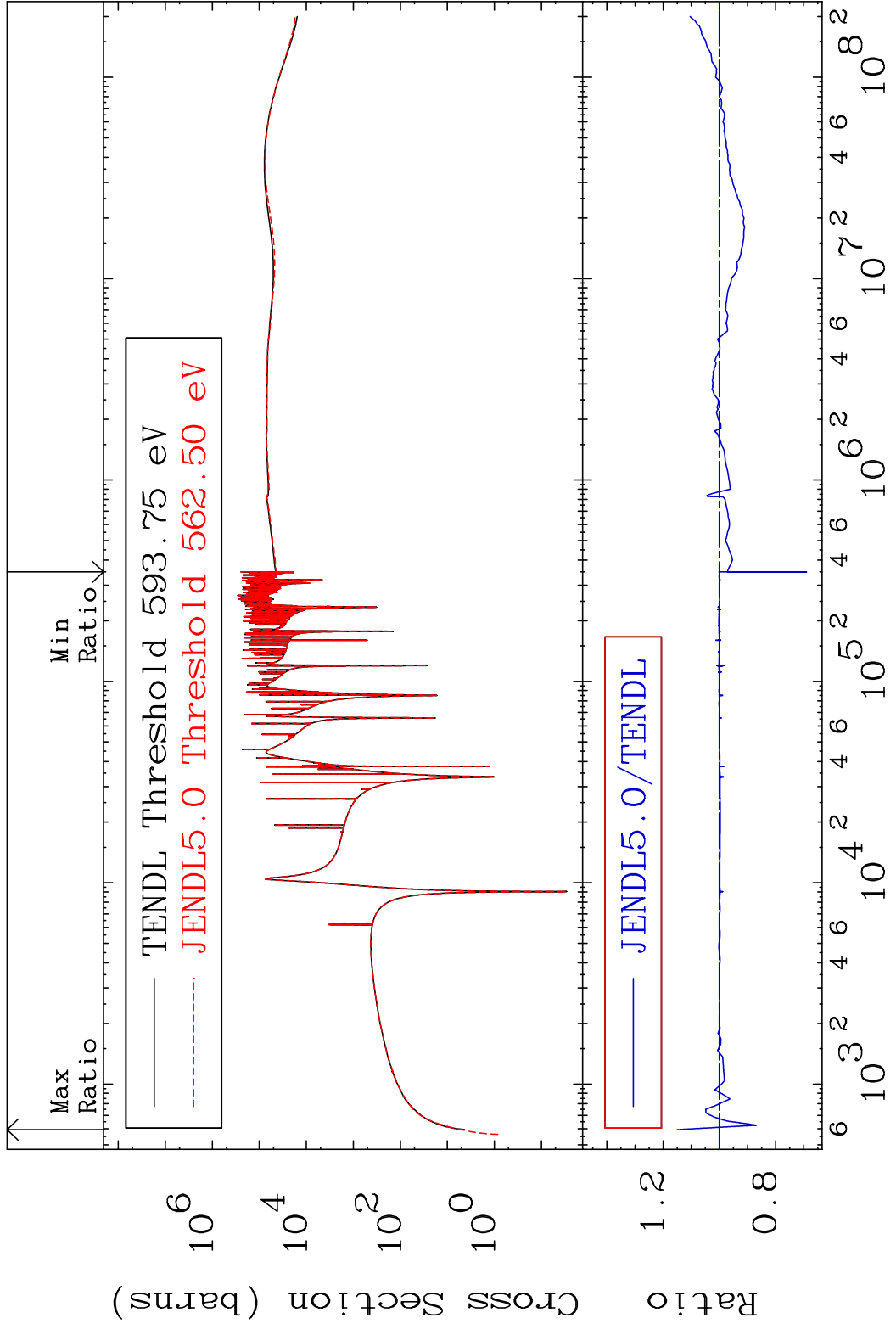


MAT 2637      Dpa total (eV-barns)      26-Fe-58  
 Cross Section      -30.95 To 449.2 %



58      Incident Energy (eV)      26-Fe-58

MAT 2637 Dpa elastic (mt2) 26-Fe-58  
 Cross Section -30.95 To 15.00 %

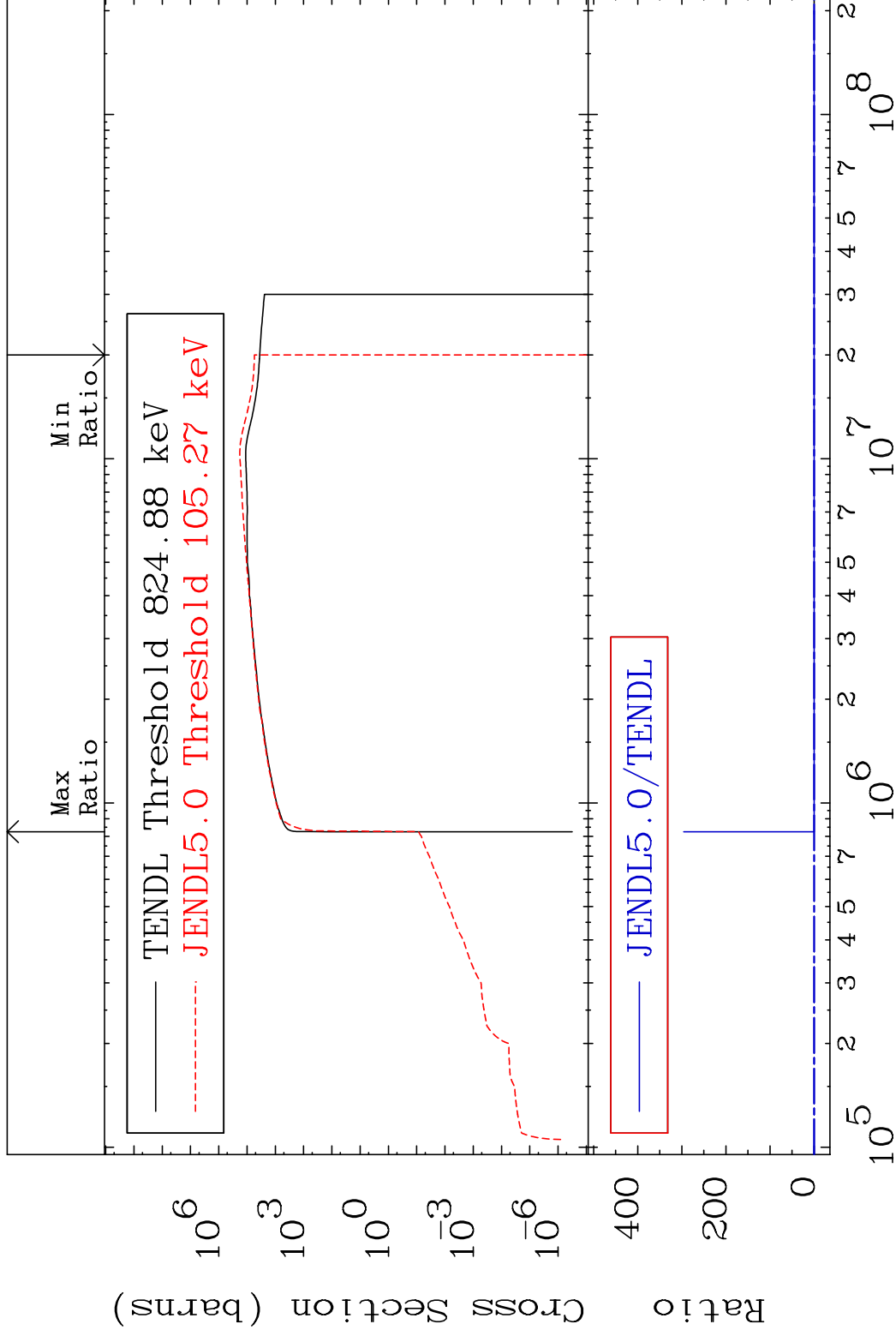


MAT 2637

Dpa inelastic (mt51-91)

<sup>26</sup>Fe-58

Cross Section -100.0 To 9999. %

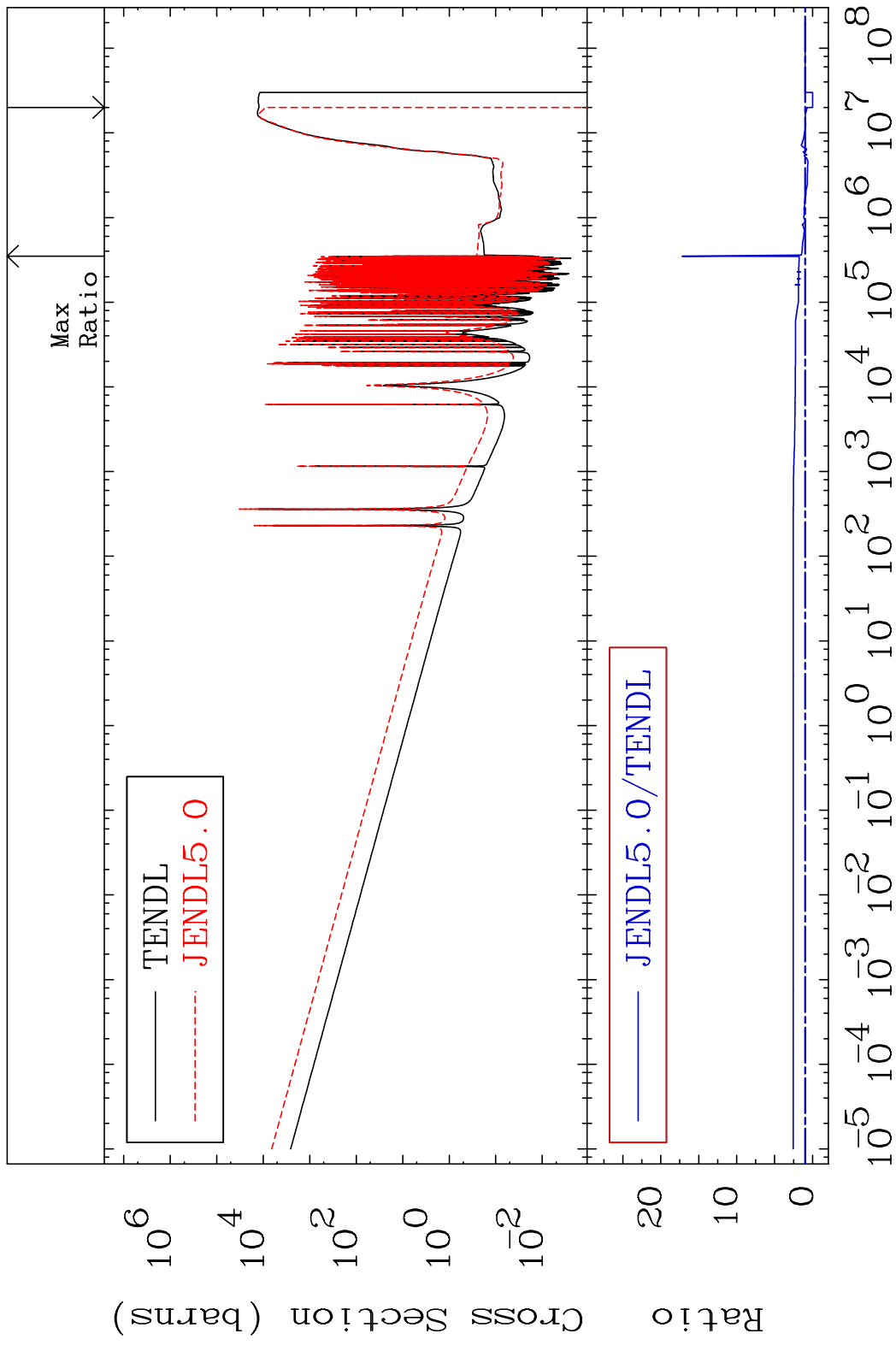


60

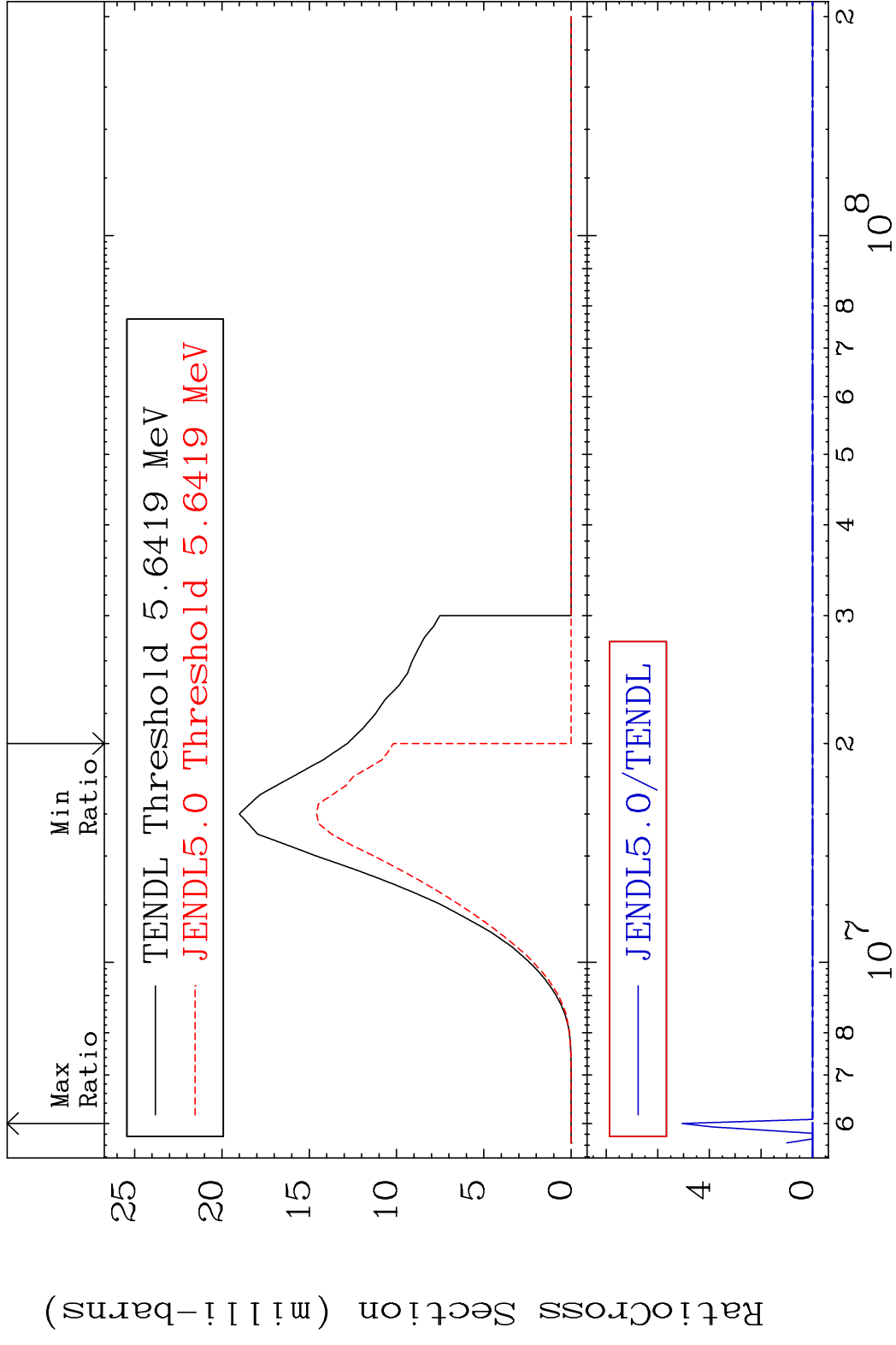
Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58  
 Cross Section -100.0 To 1616. %



MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58  
 Radionuclide Production Cross Section 100.00 dth 9999. %



62 Incident Energy (eV) 26-Fe-58

MAT 2637 (n,p):25-Mn-58m1 26-Fe-58  
 Radionuclide Production Cross Section 180.01 dth 76.81 %

