

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

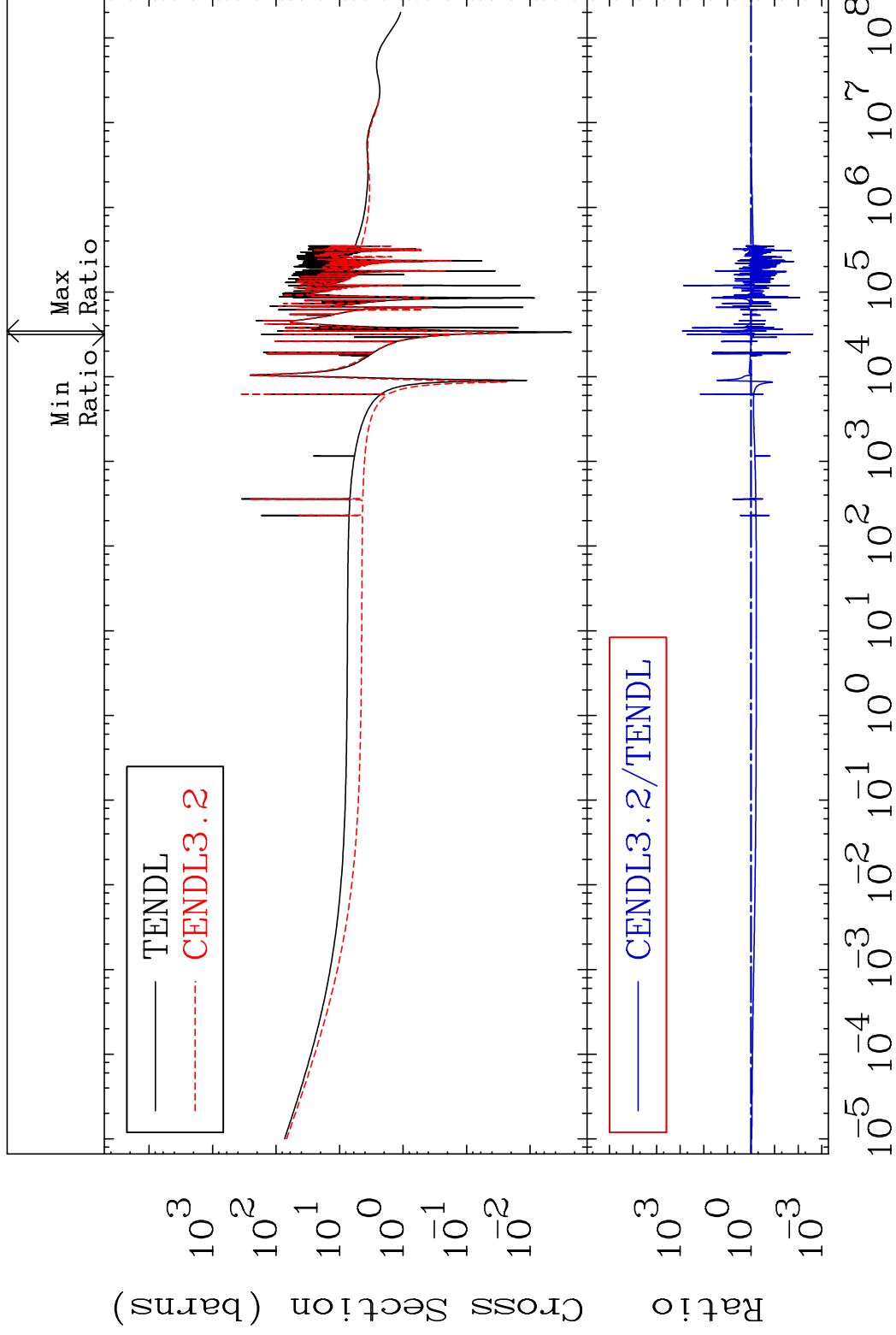
MAT 2637

Total

<sup>26</sup>Fe-58

Cross Section

-99.75 To 9999. %



1

Incident Energy (eV)

<sup>26</sup>Fe-58

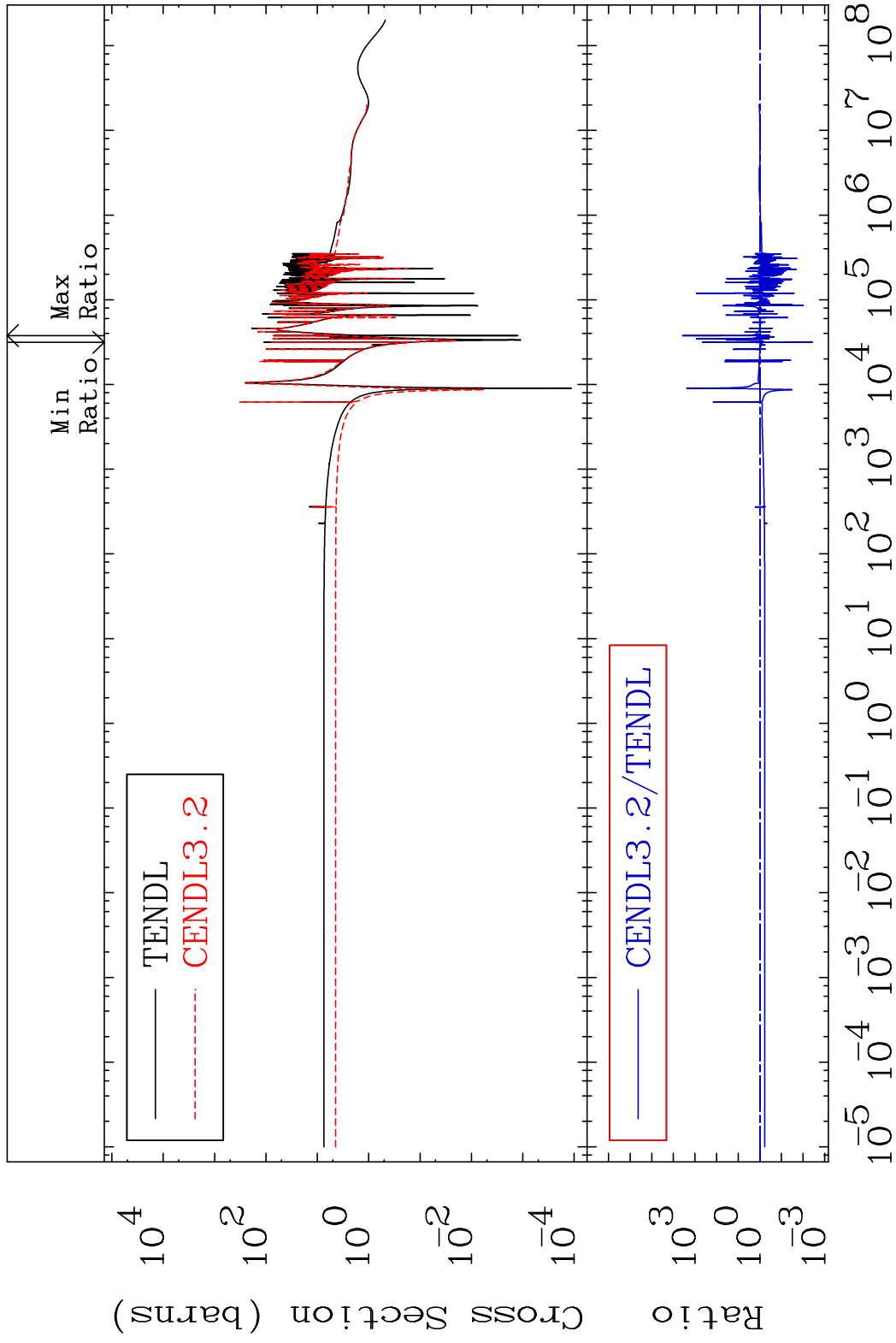
MAT 2637

Elastic

<sup>26</sup>Fe-58

Cross Section

-99.64 To 9999. %

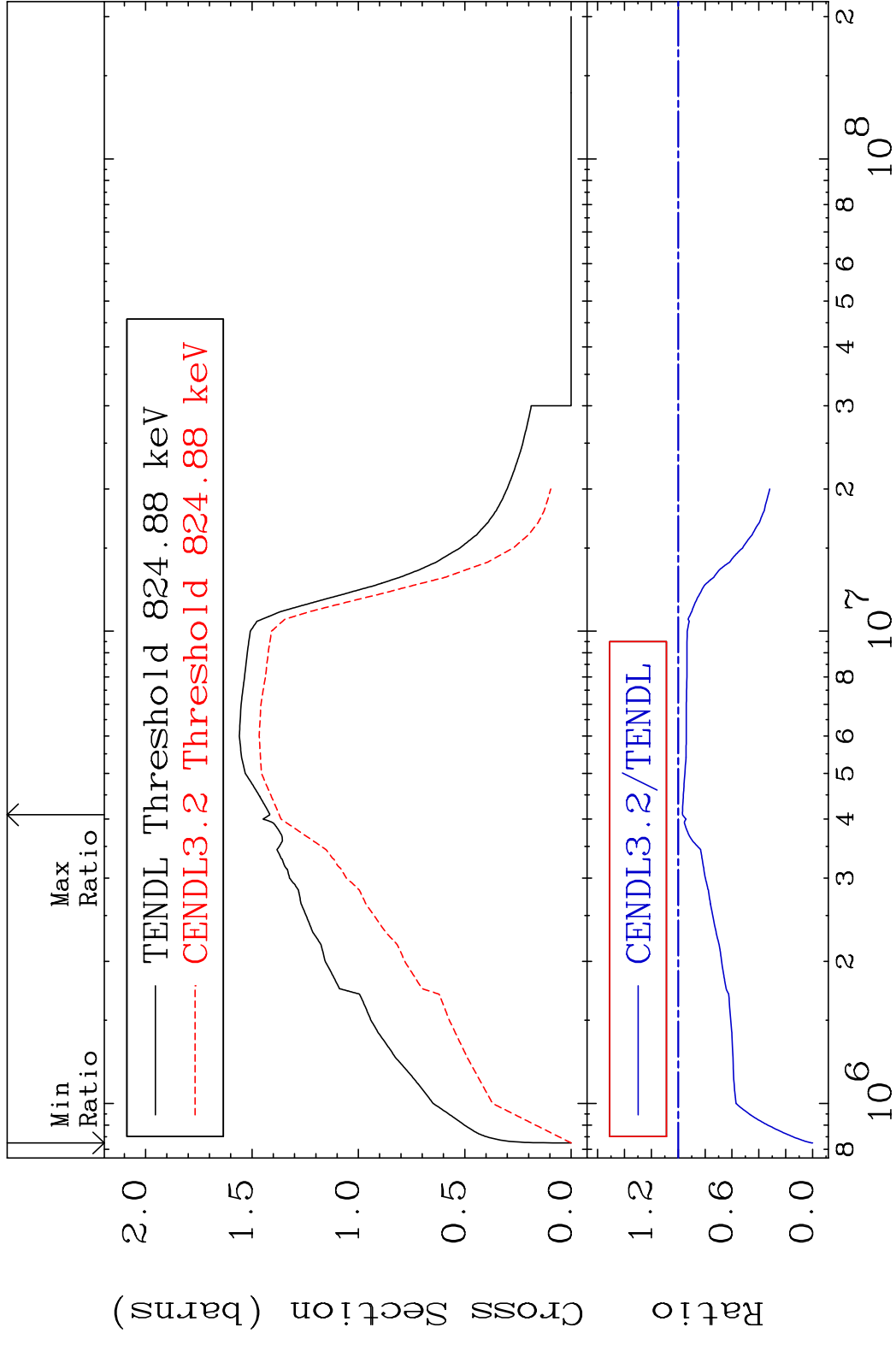


2

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 Inelastic <sup>26</sup>Fe-58  
 Cross Section -100.0 To -3.062%



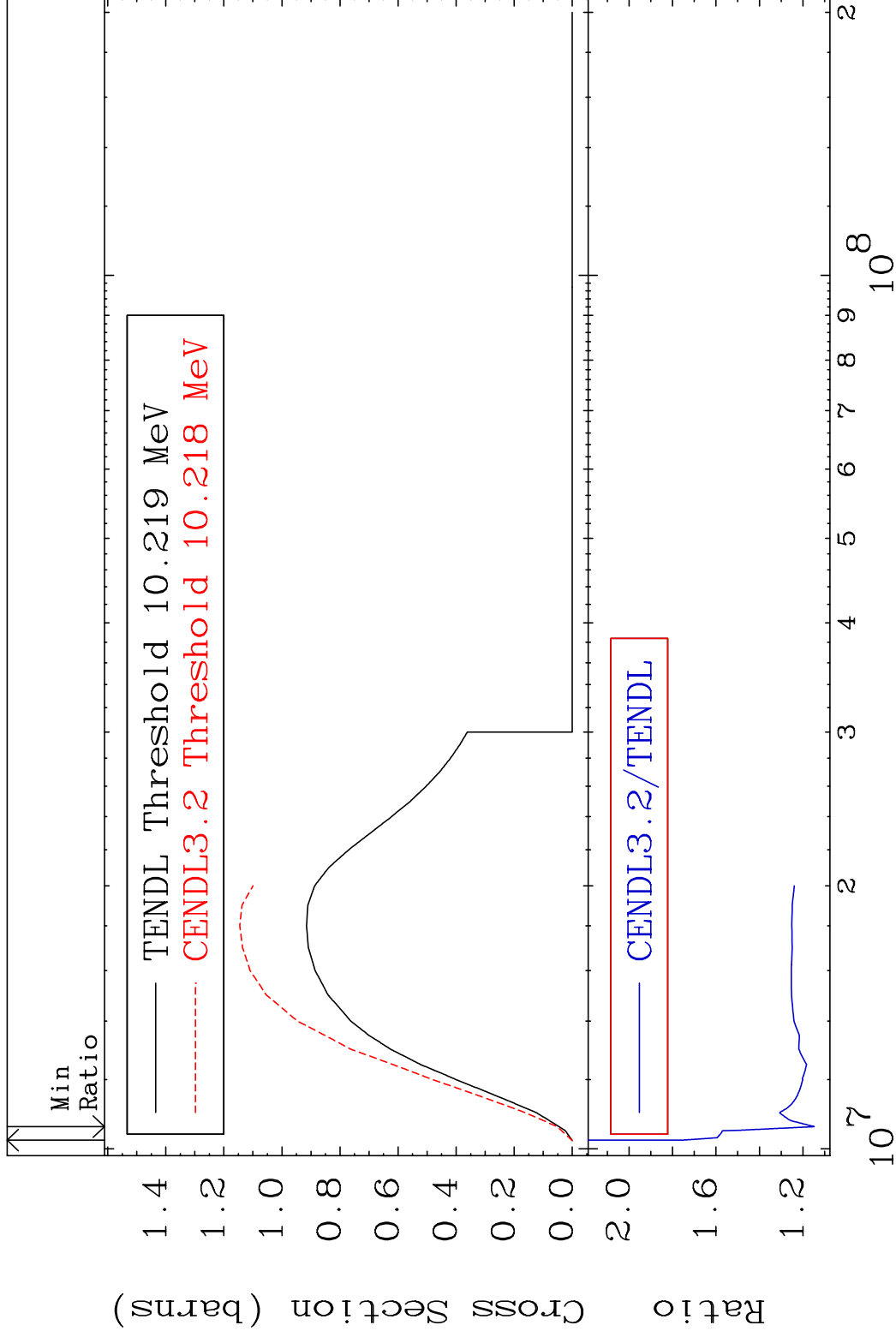
3 Incident Energy (eV) <sup>26</sup>Fe-58

MAT 2637

(n,2n)

26-Fe-58

Cross Section 14.83 To 74.89 %

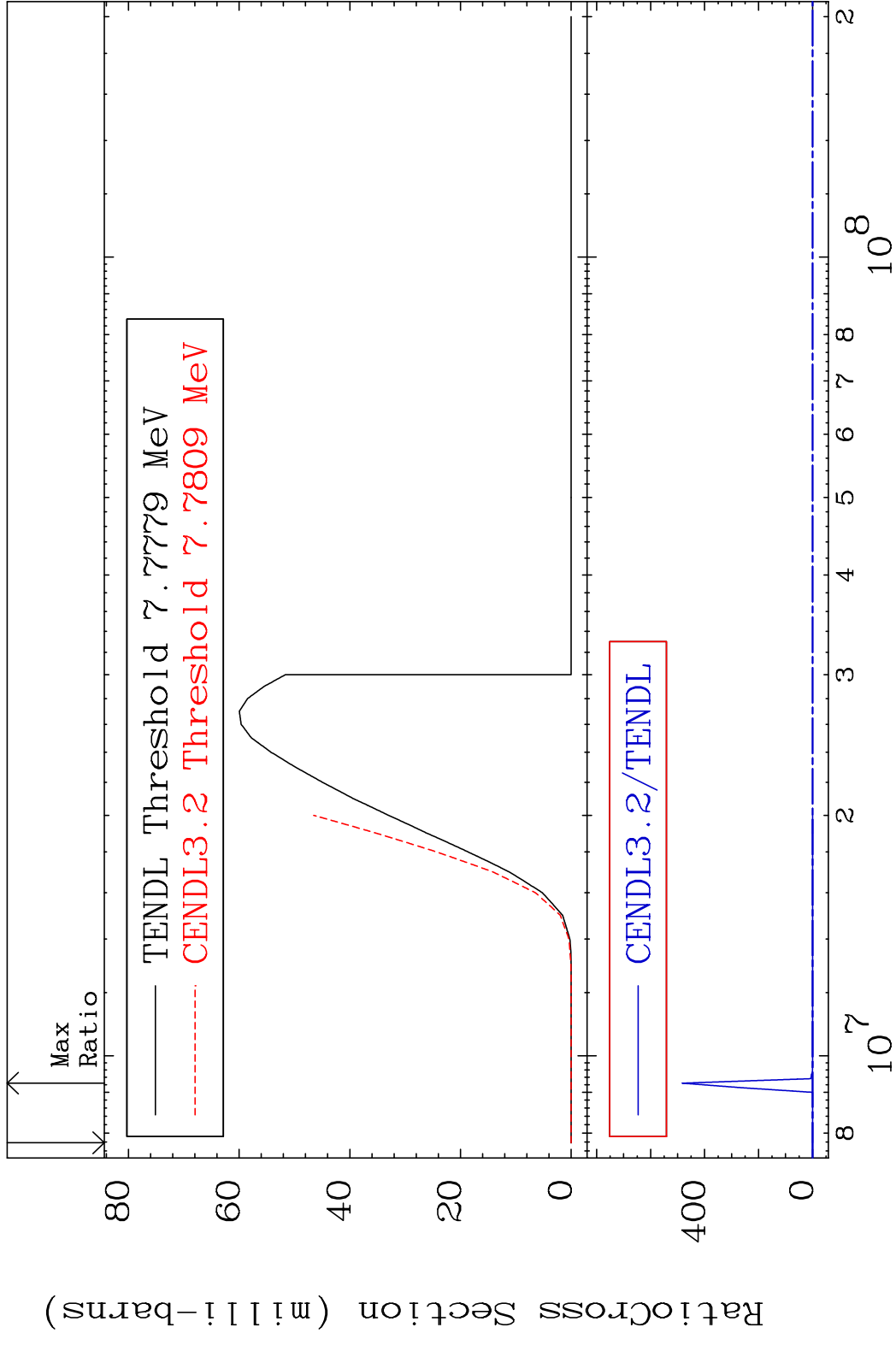


4

Incident Energy (eV)

26-Fe-58

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



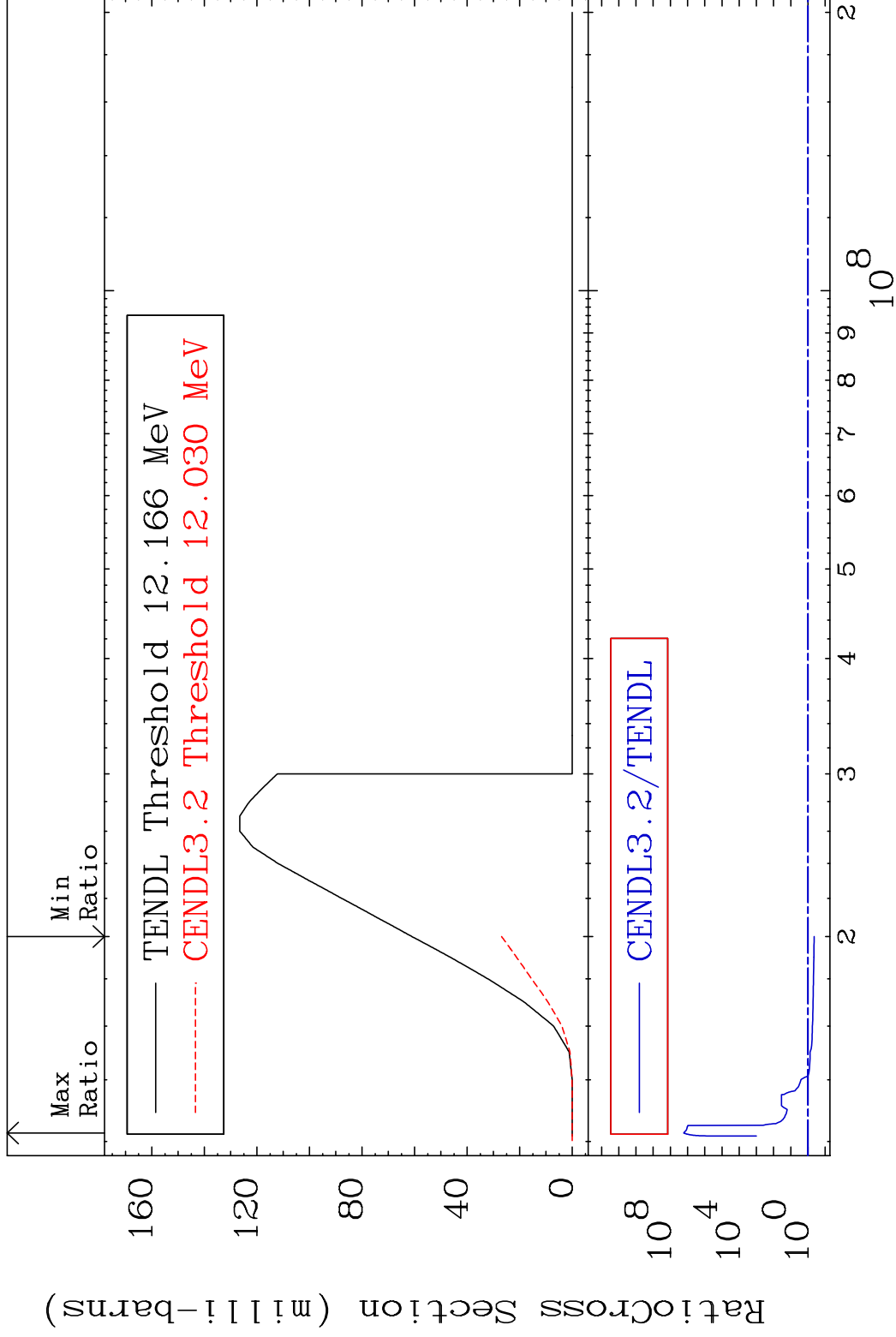
5 26-Fe-58

MAT 2637

(n, n') p

26-Fe-58

Cross Section -55.93 To 9999. %

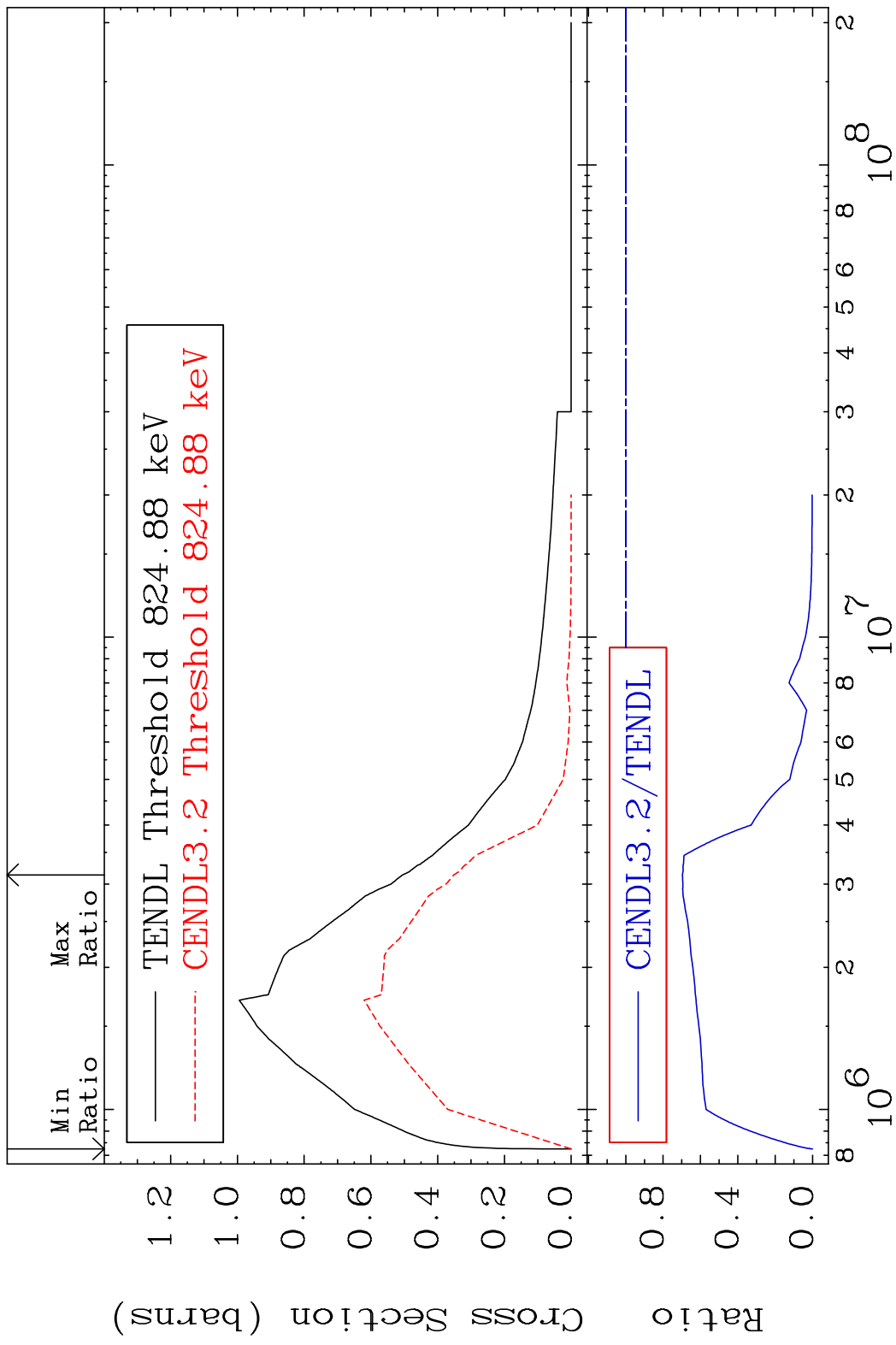


6

Incident Energy (eV)

26-Fe-58

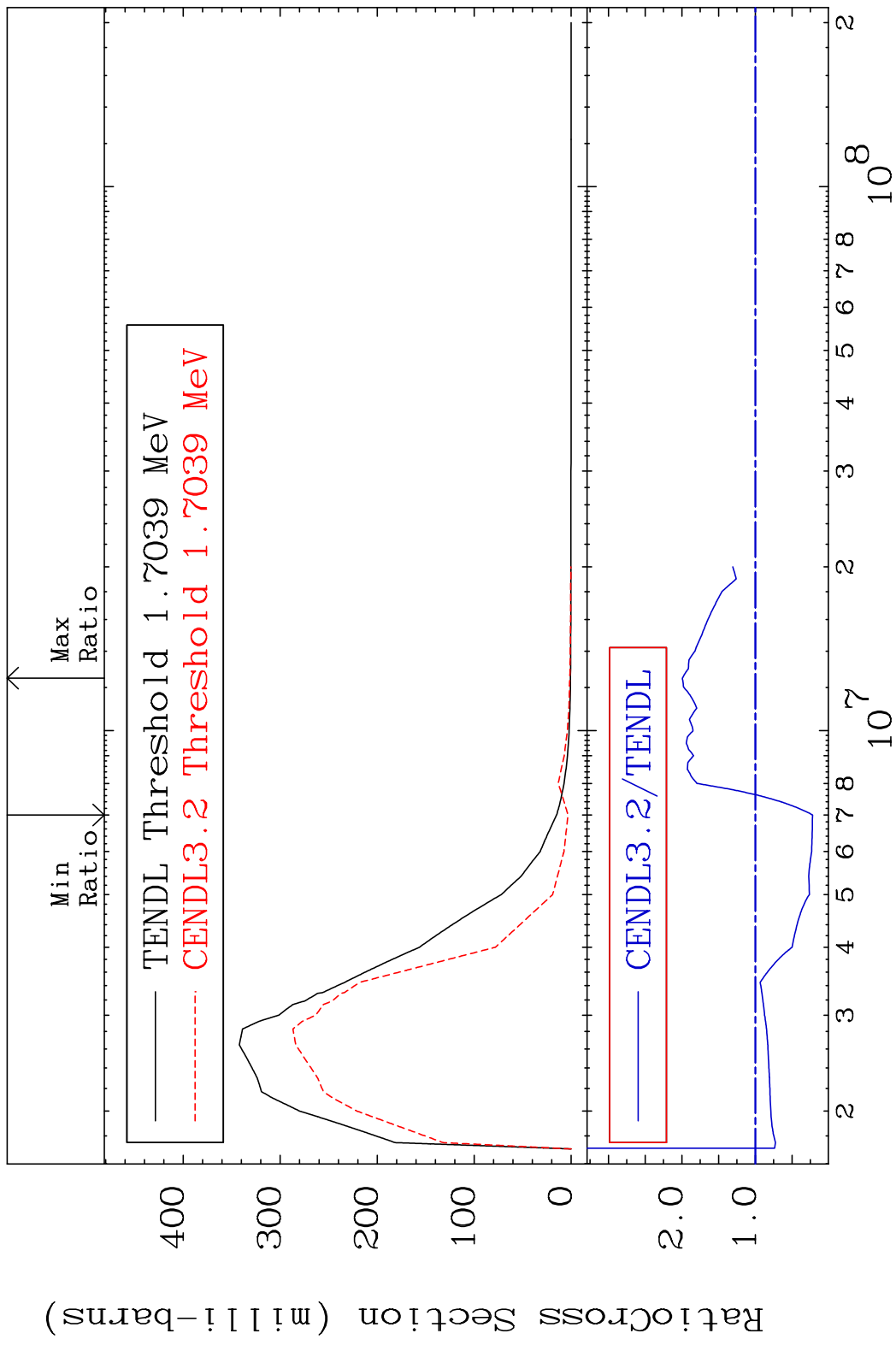
MAT 2637 MT= 51 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To -30.30%



7 Incident Energy (eV) 26-Fe-58

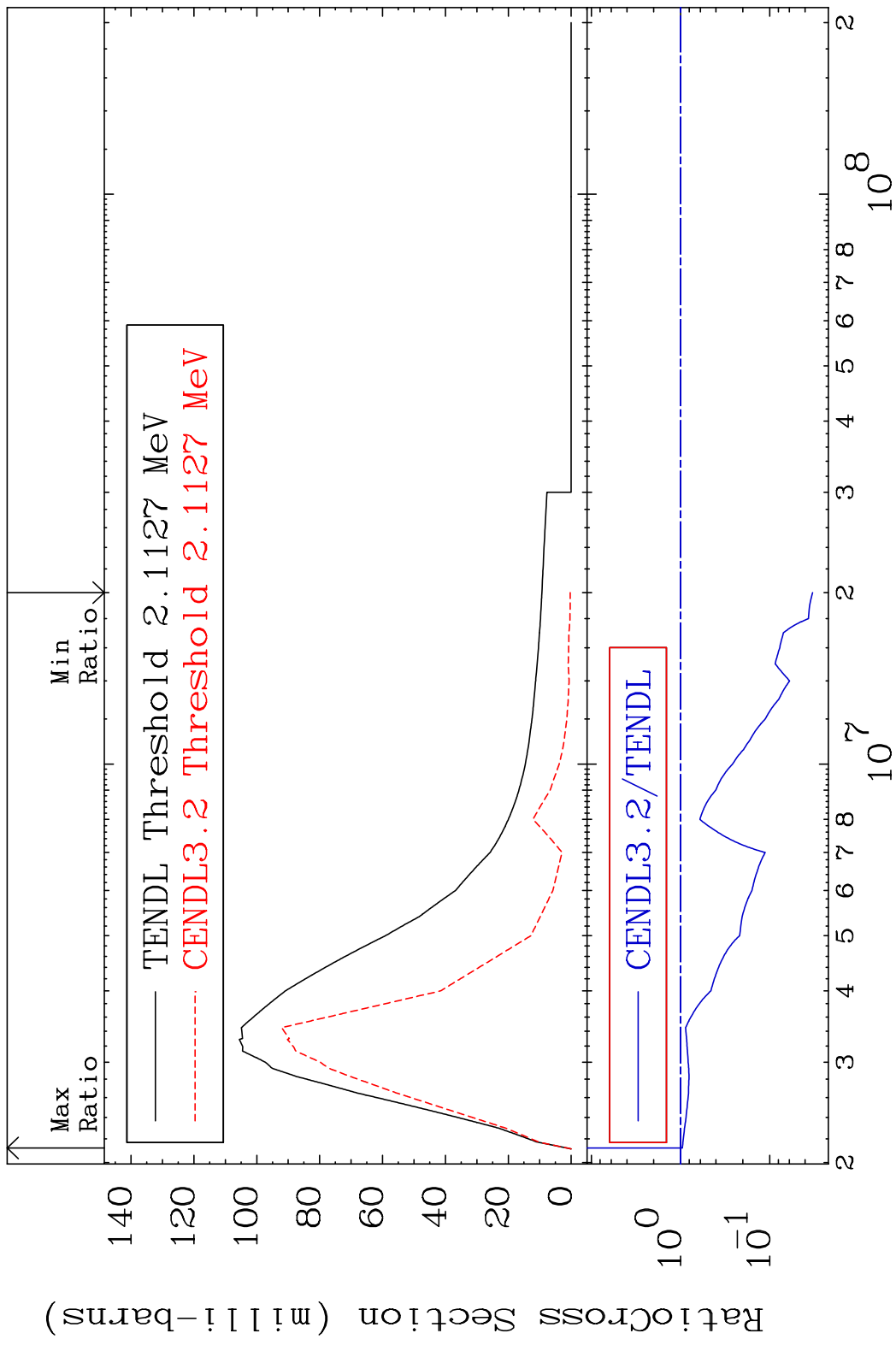


MAT 2637 MT= 52 (n, n') Level 26-Fe-58  
 Cross Section -77.96 To 99.35 %



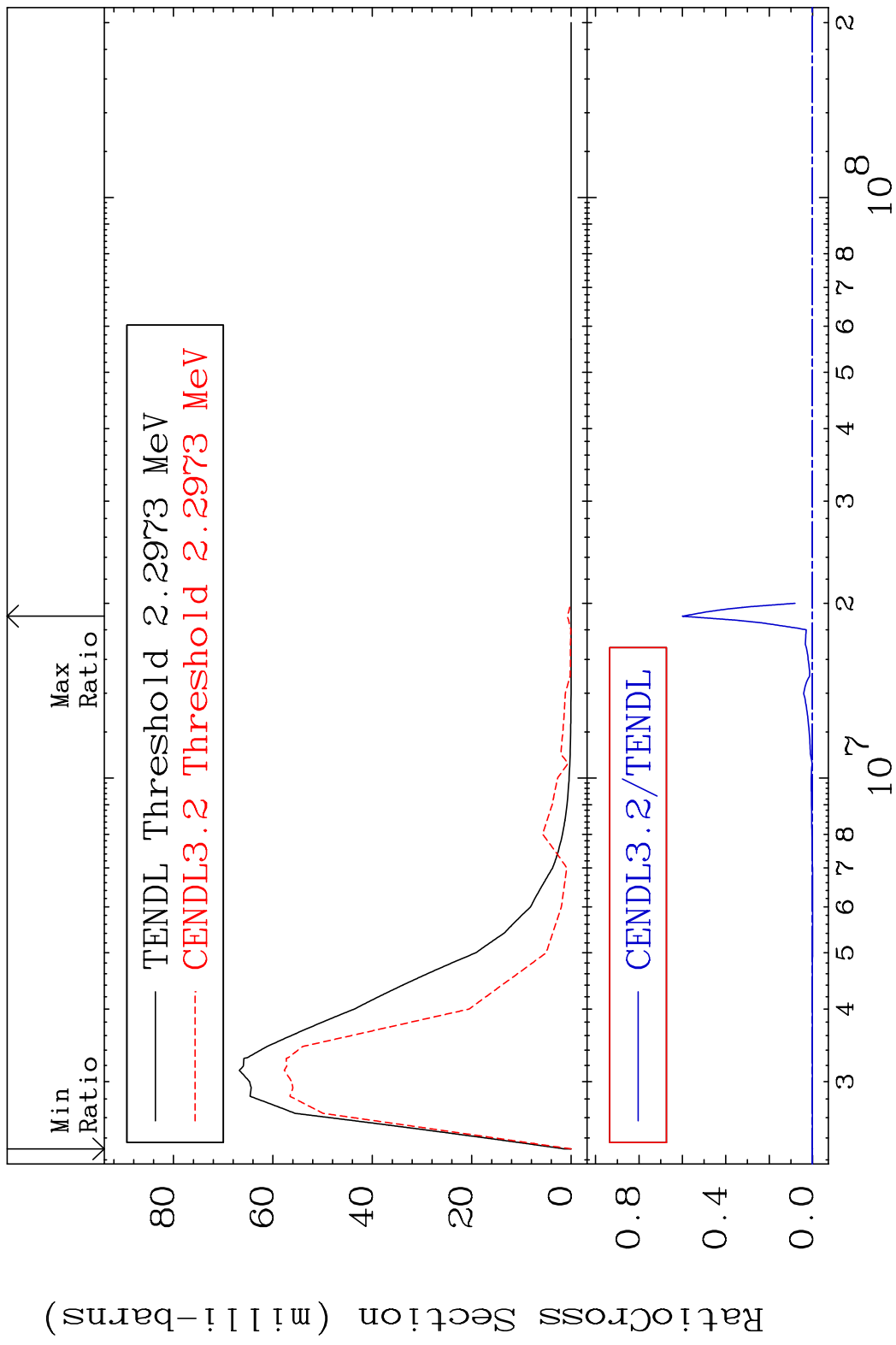
8 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 53 (n, n') Level 26-Fe-58  
 Cross Section -96.70 To -4.495%

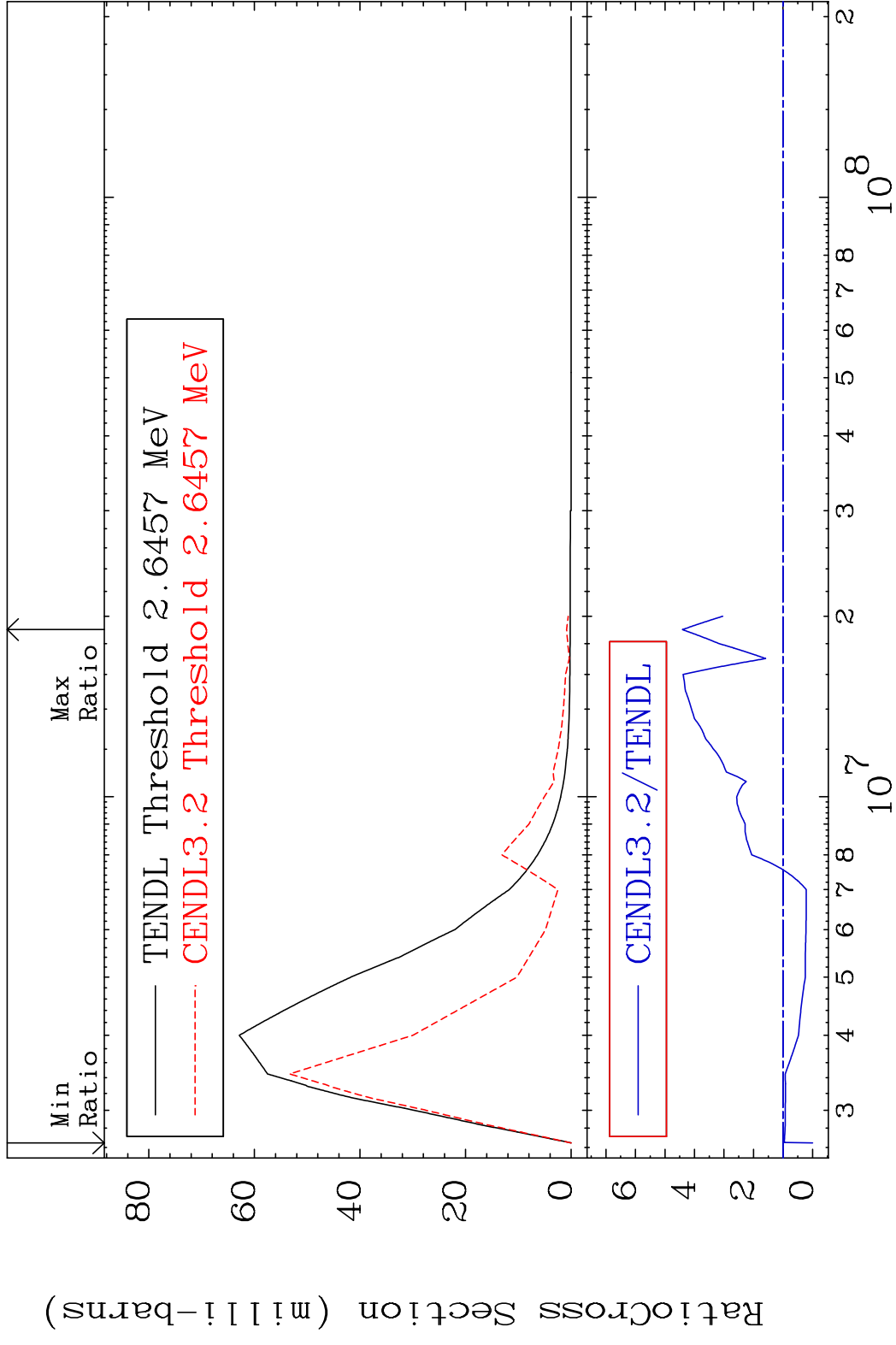




MAT 2637 MT= 55 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %



MAT 2637 MT= 56 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 341.0 %



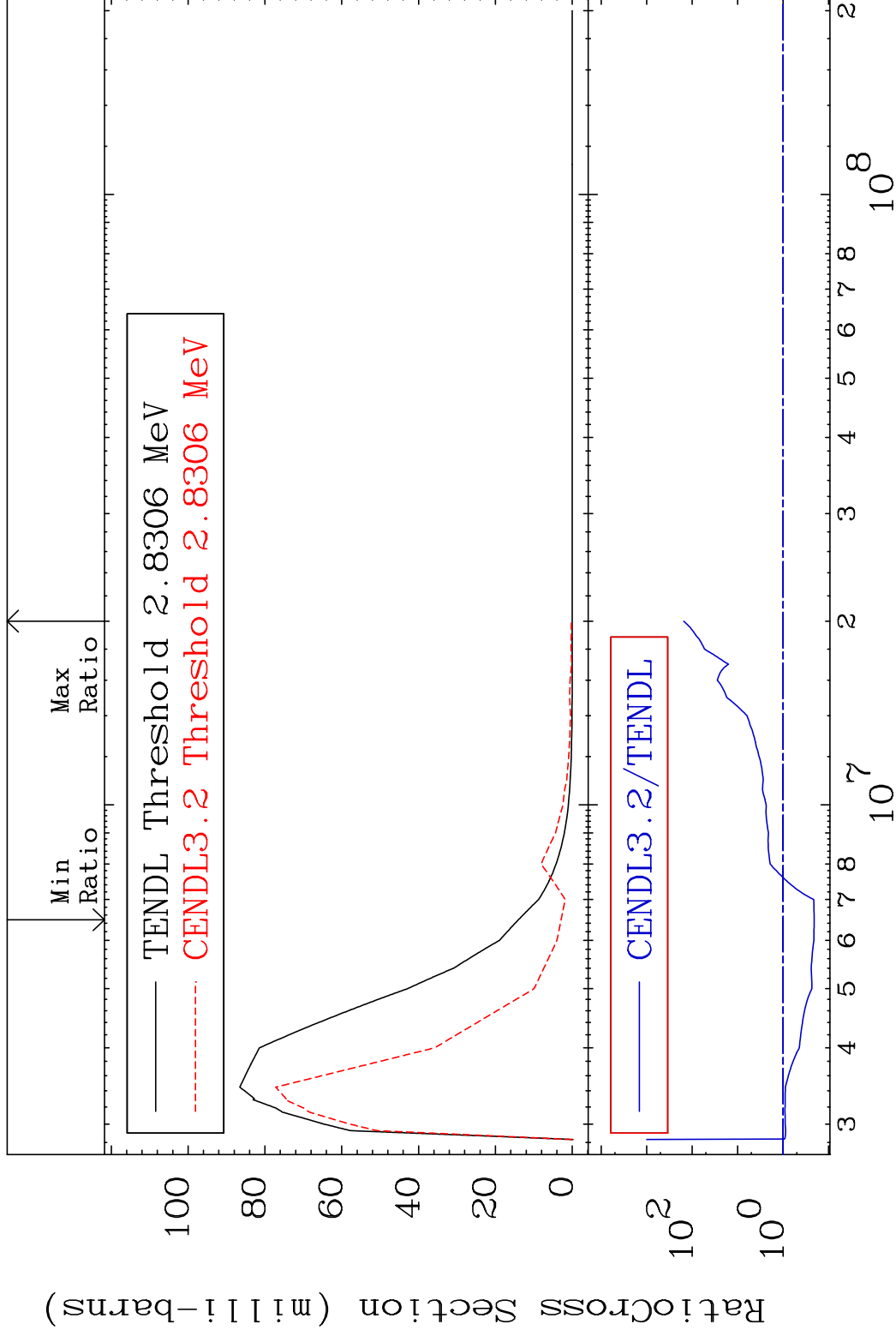
12 26-Fe-58

MAT 2637

MT= 57 (n, n') Level

26-Fe-58

Cross Section -79.24 To 9999. %

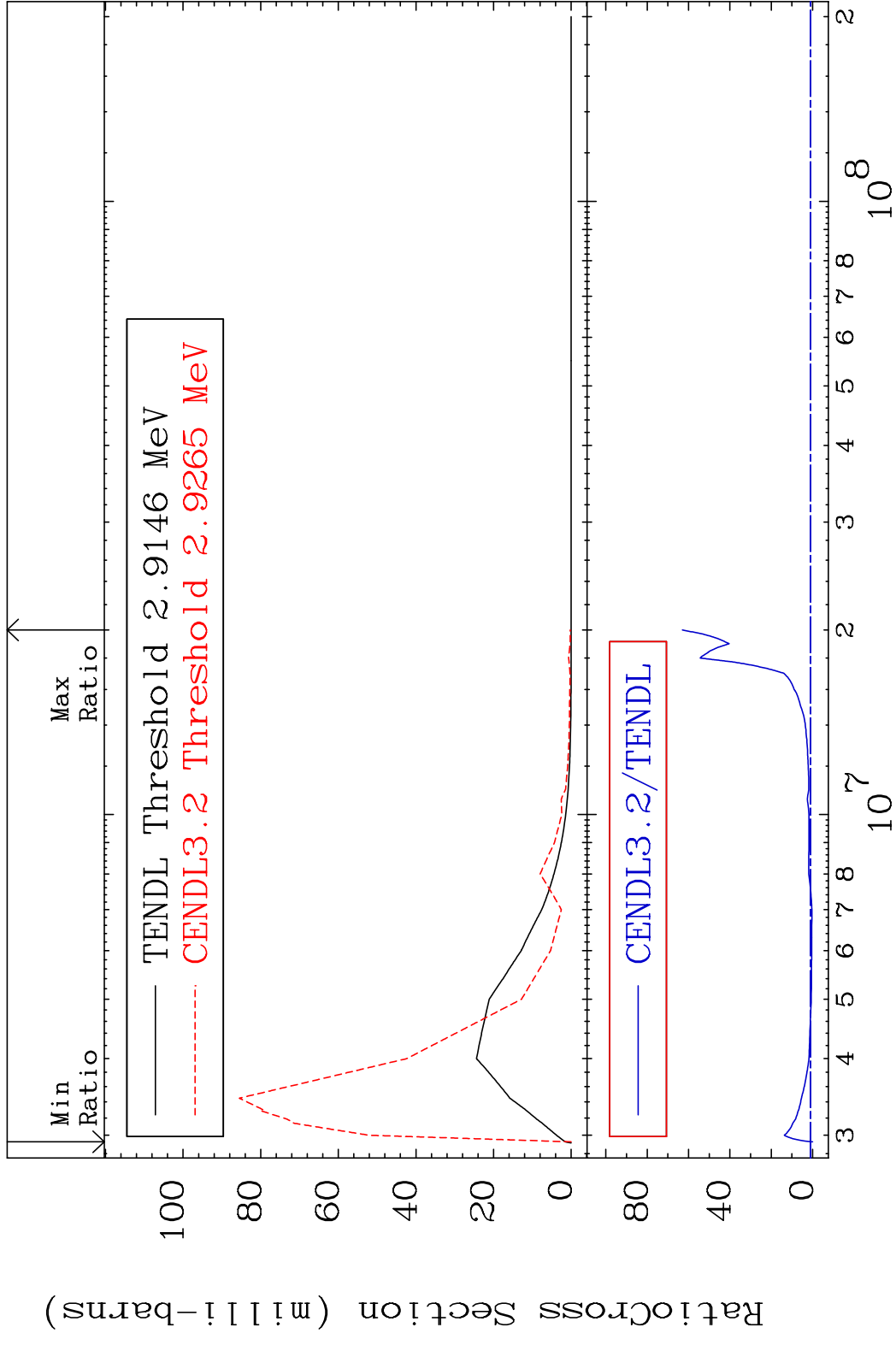


13

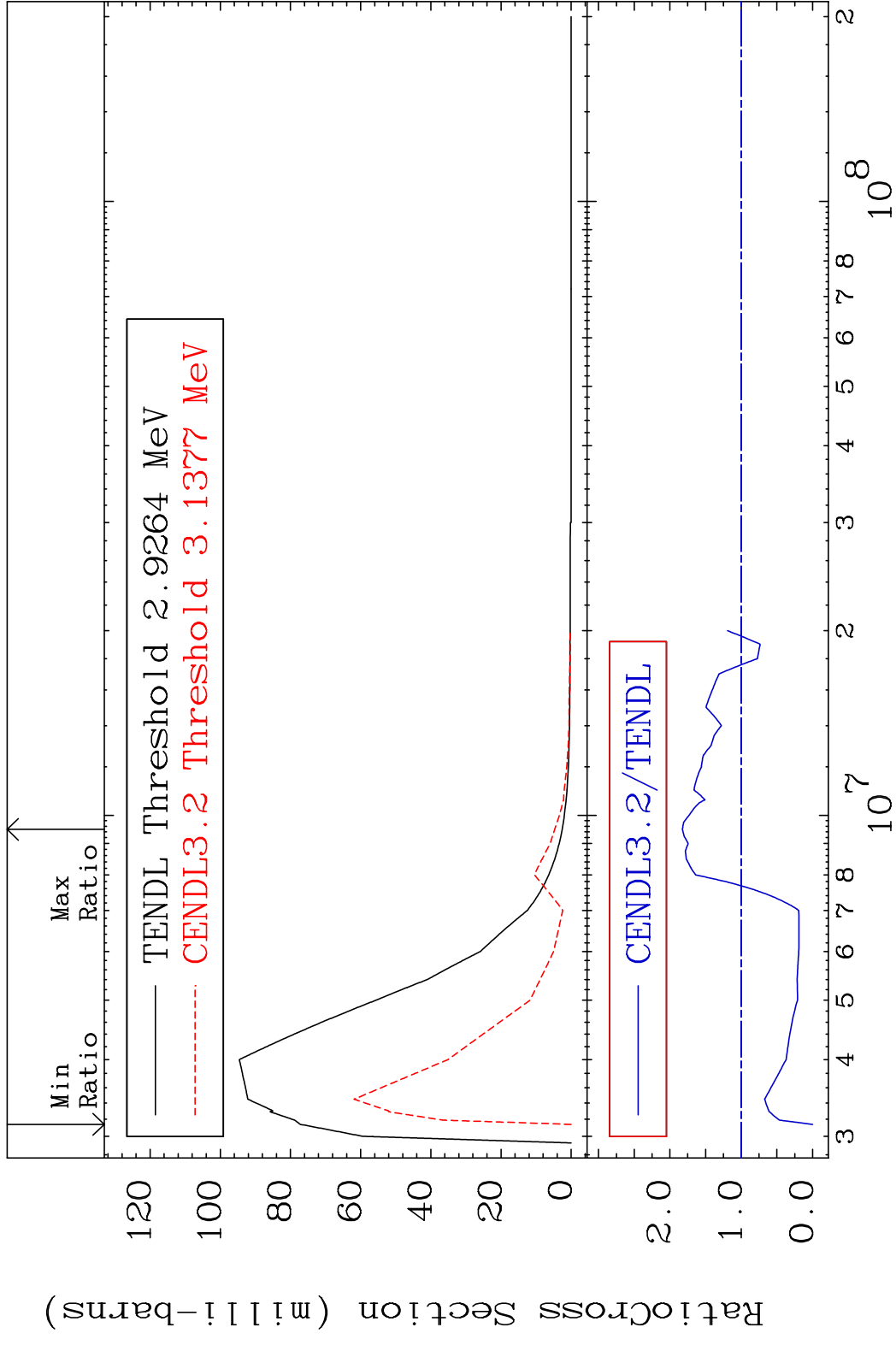
Incident Energy (eV)

26-Fe-58

MAT 2637 MT= 58 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 6200. %

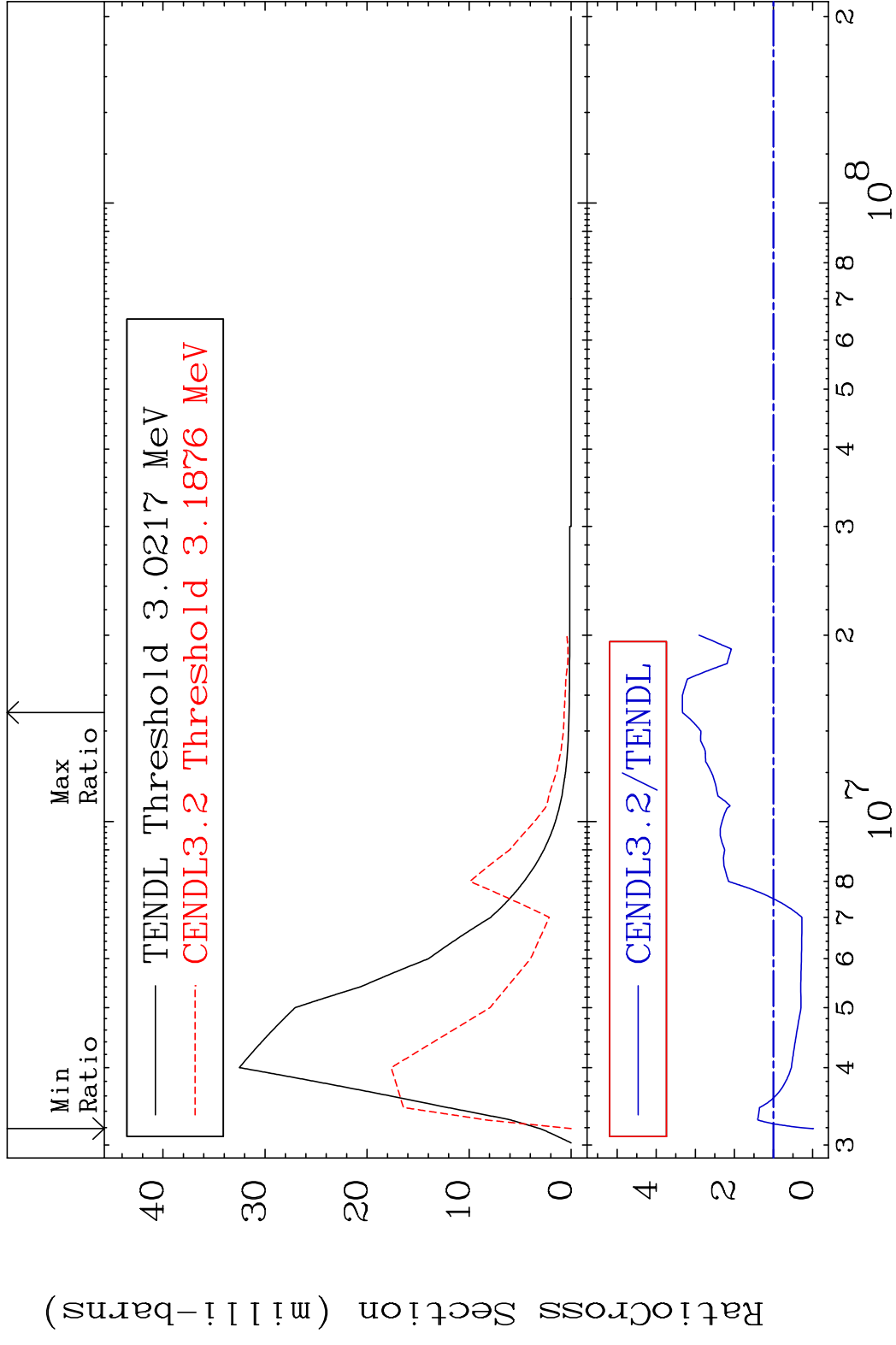


MAT 2637 MT= 59 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 82.54 %

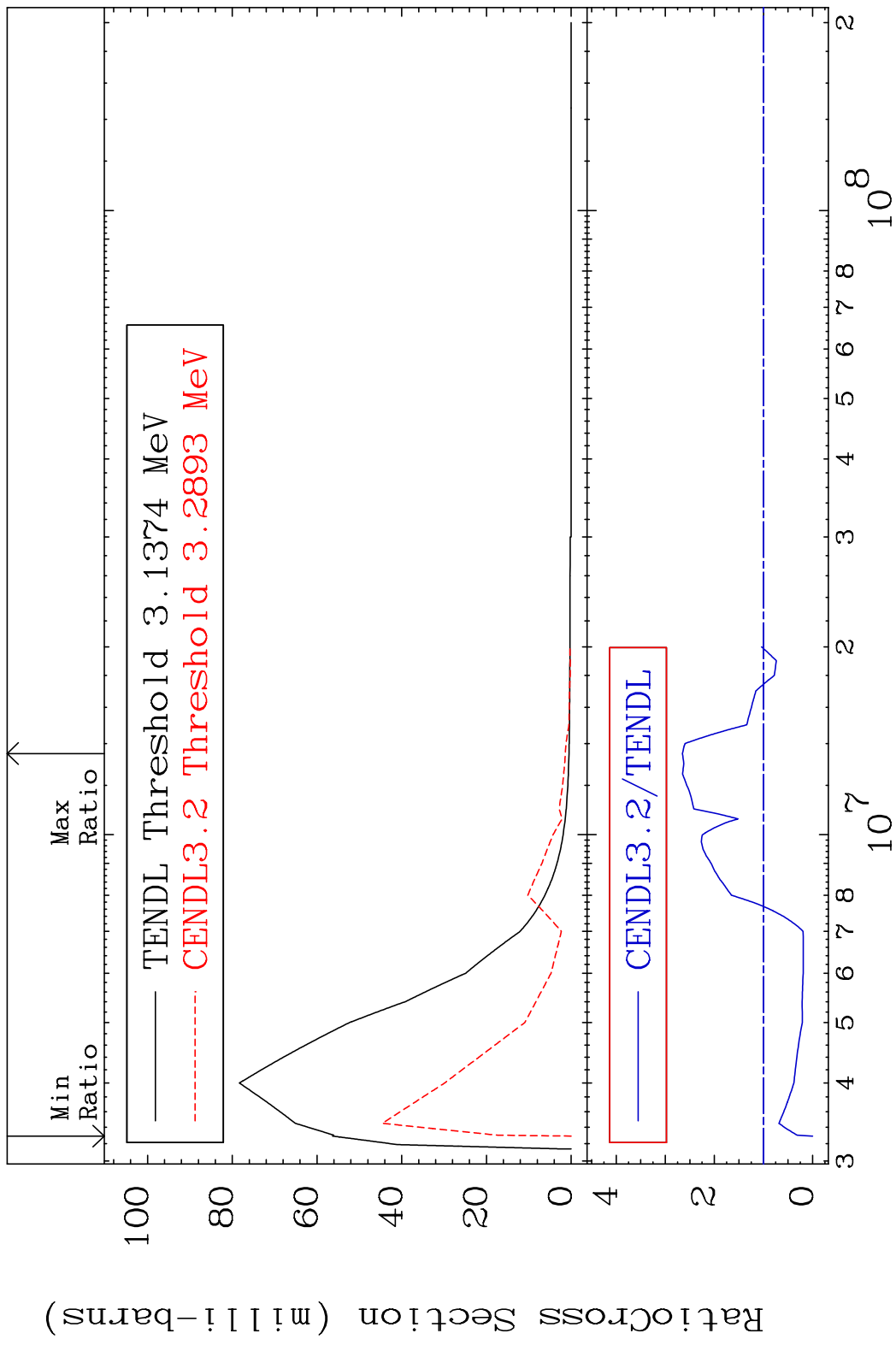




MAT 2637 MT= 60 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 233.1 %

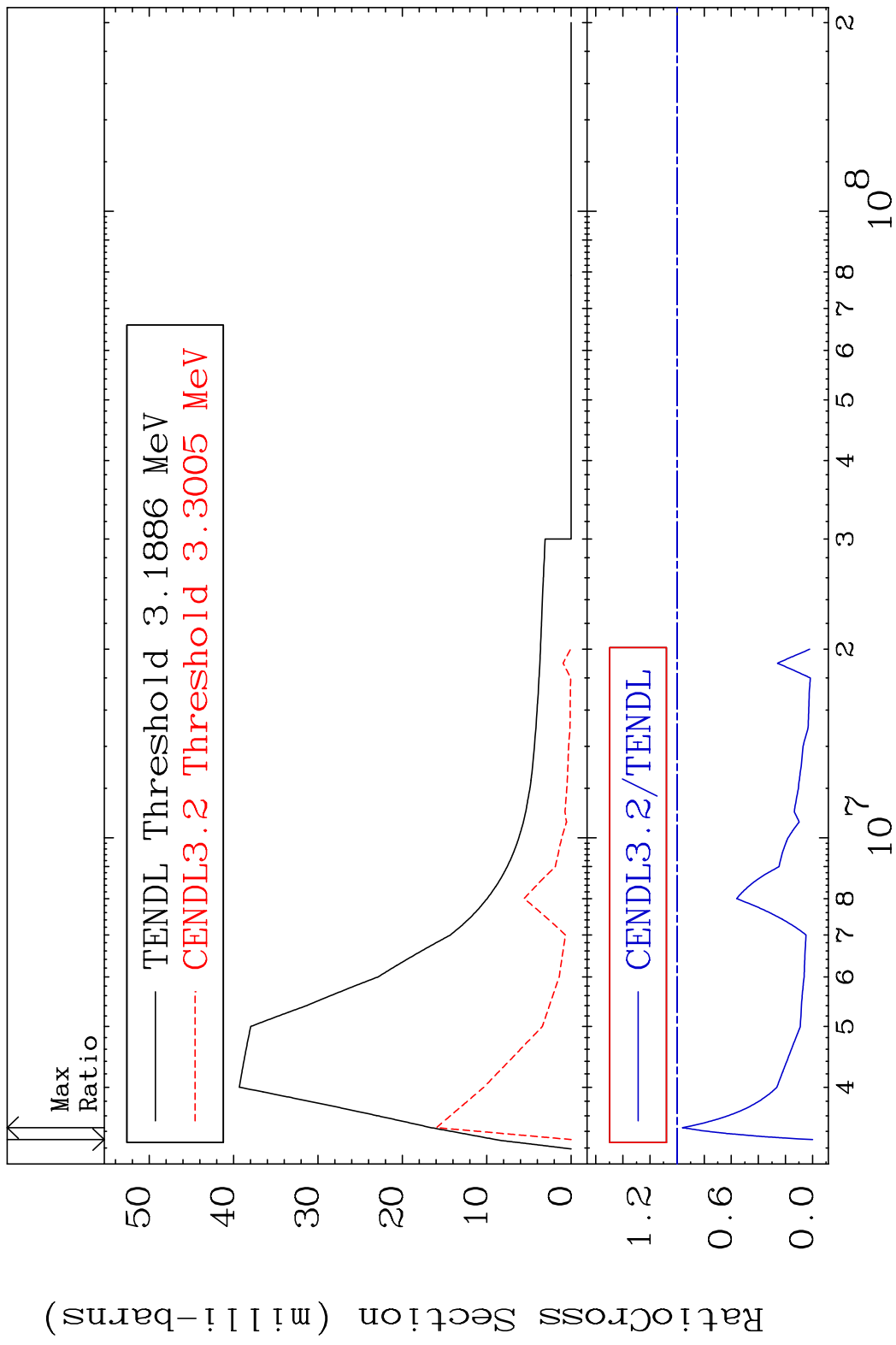


MAT 2637 MT= 61 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 165.2 %



17 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 62 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To -3.881%

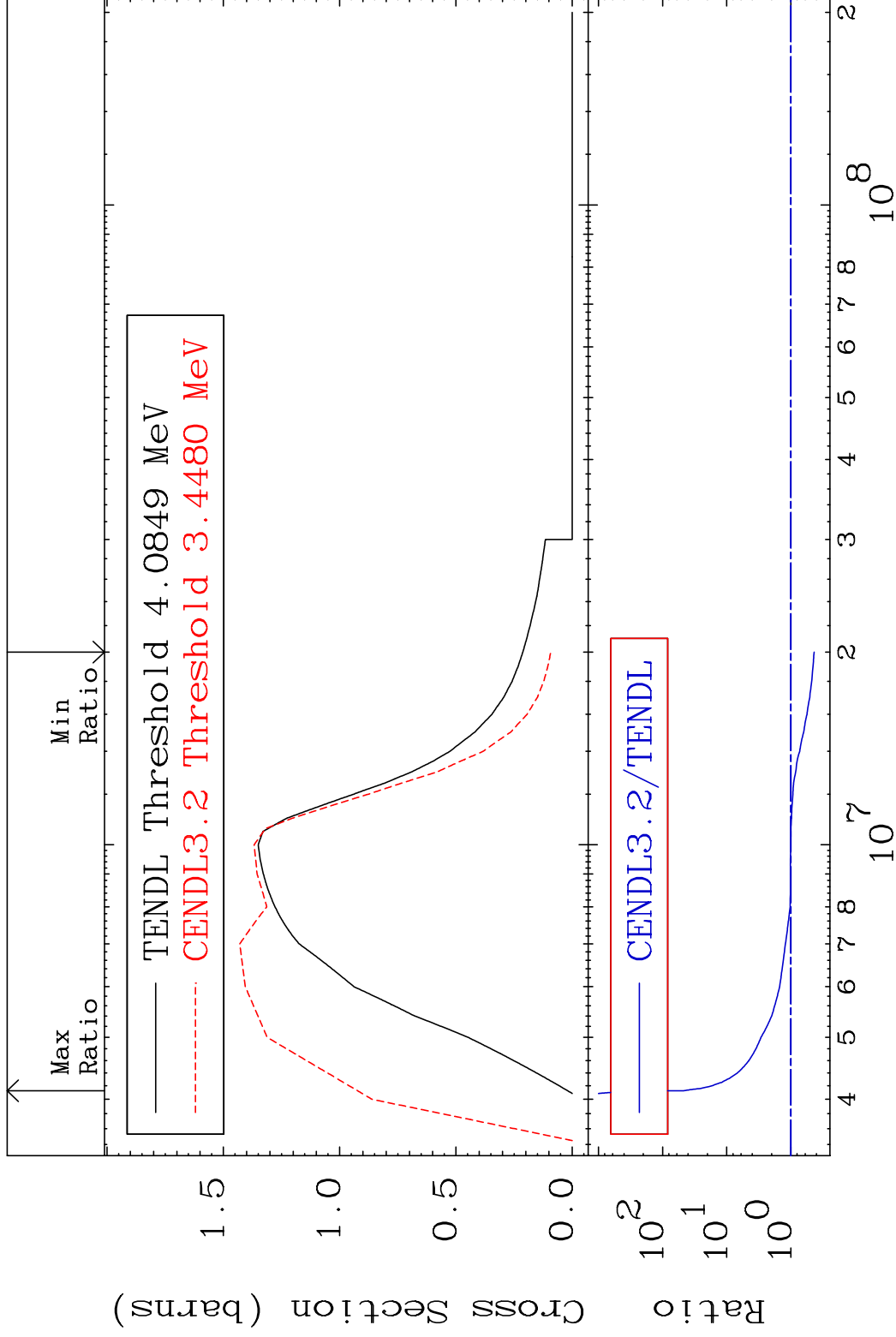


MAT 2637

(n, n') Continuum

<sup>26</sup>Fe-58

Cross Section -56.53 To 4599. %



19

Incident Energy (eV)

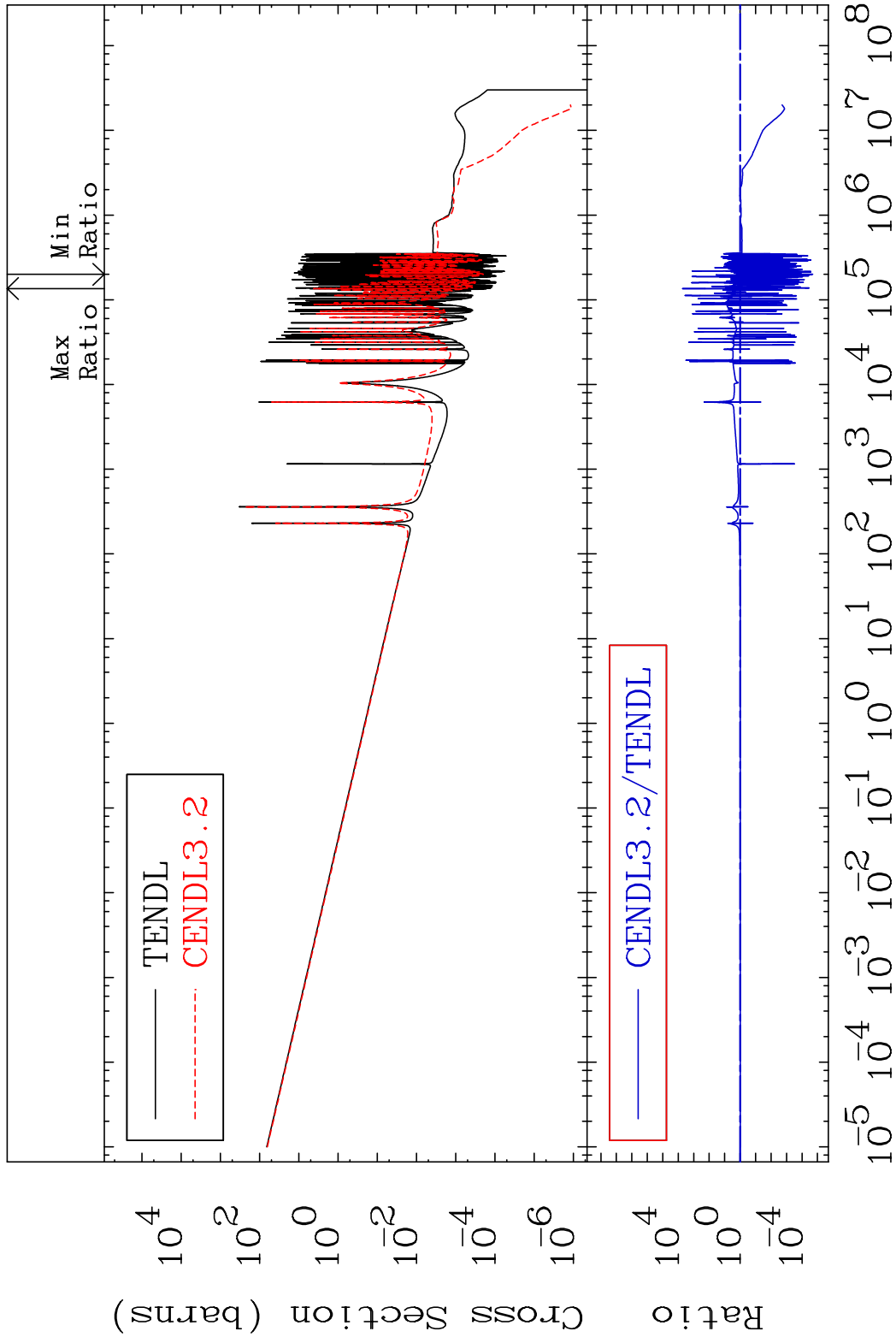
<sup>26</sup>Fe-58

MAT 2637

(n,  $\gamma$ )

<sup>26</sup>Fe-58

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

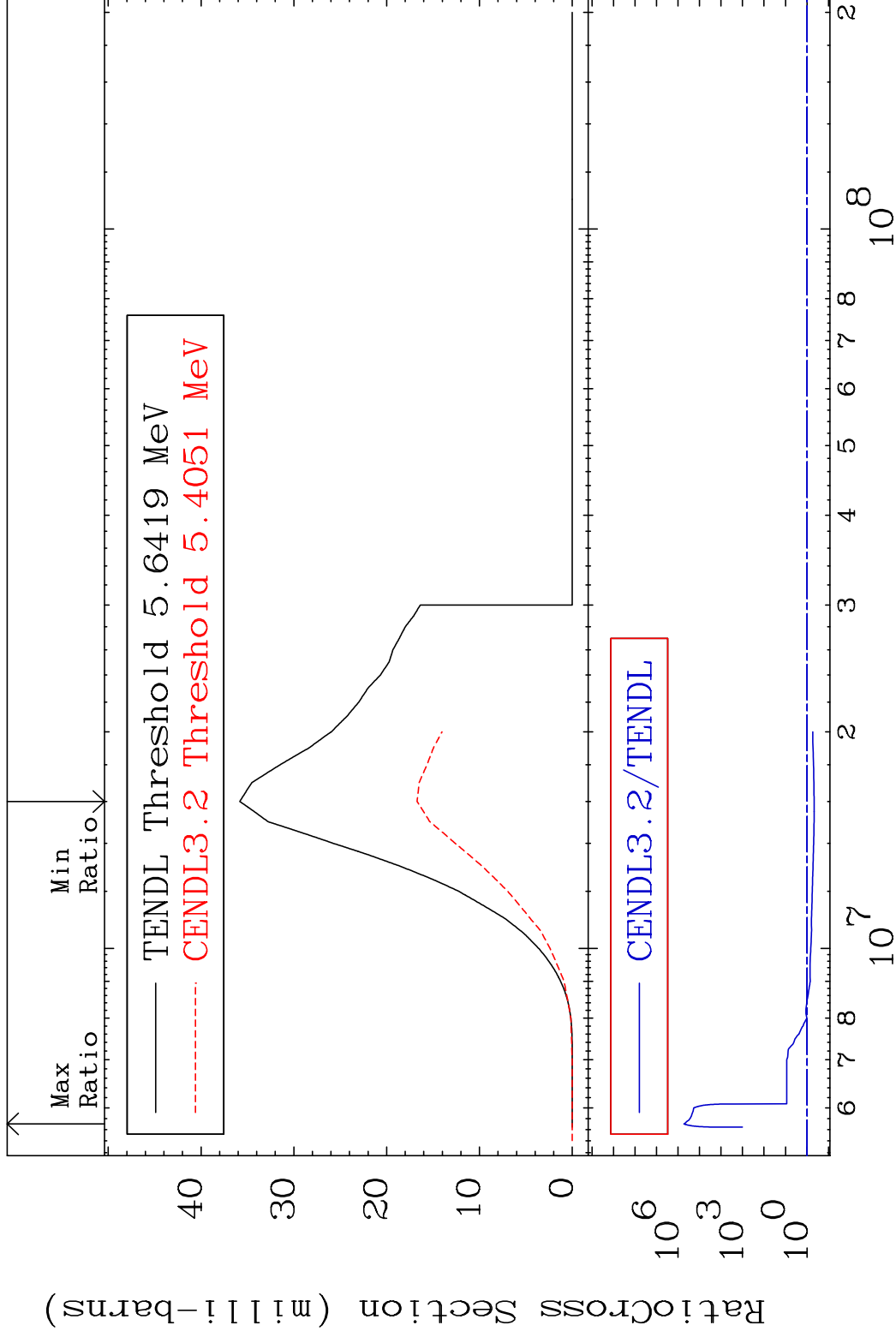
<sup>26</sup>Fe-58

MAT 2637

(n,p)

<sup>26</sup>Fe-58

Cross Section -53.34 To 9999. %

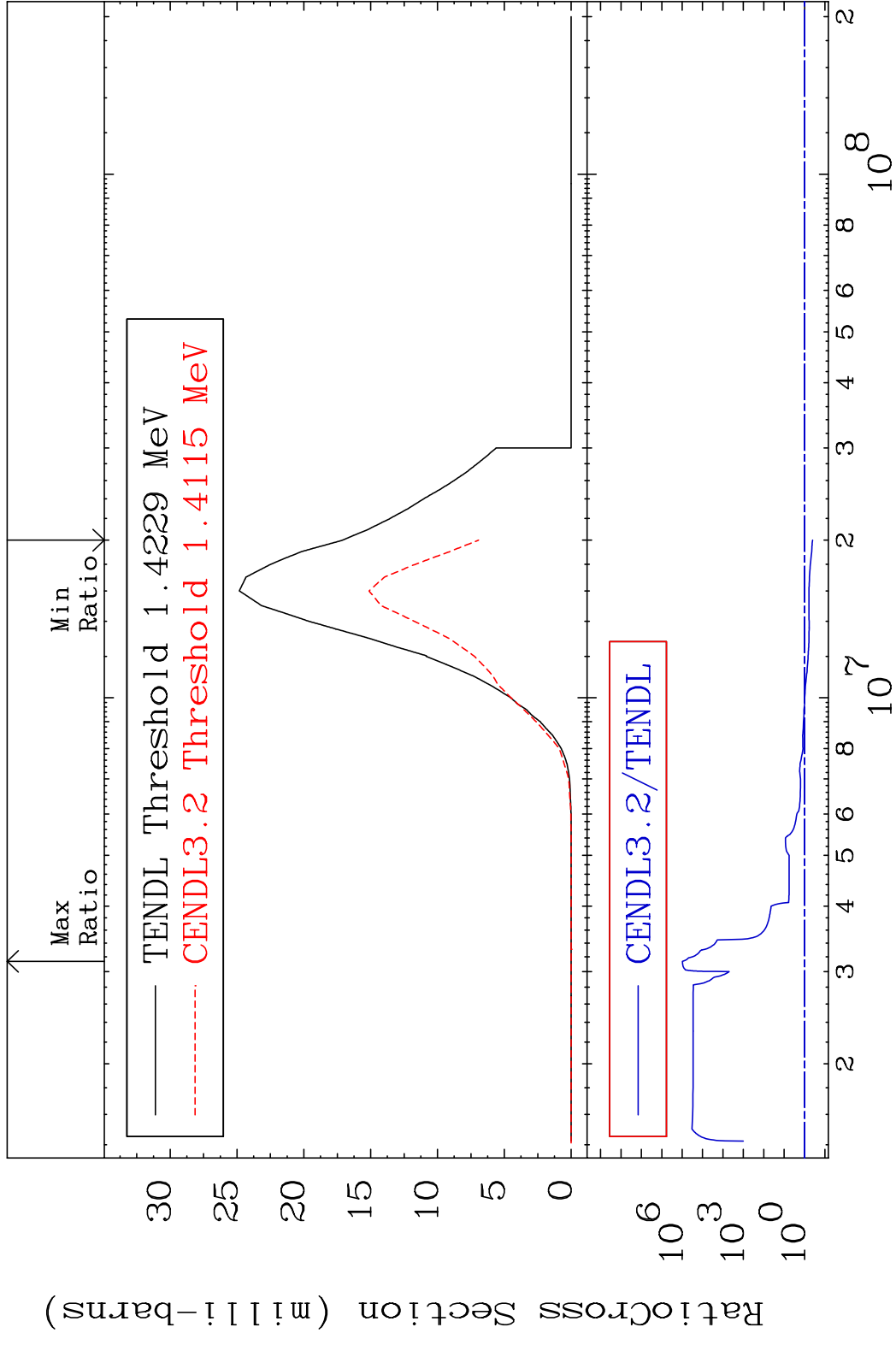


21

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 (n,  $\alpha$ ) 26-Fe-58  
 Cross Section -59.49 To 9999. %

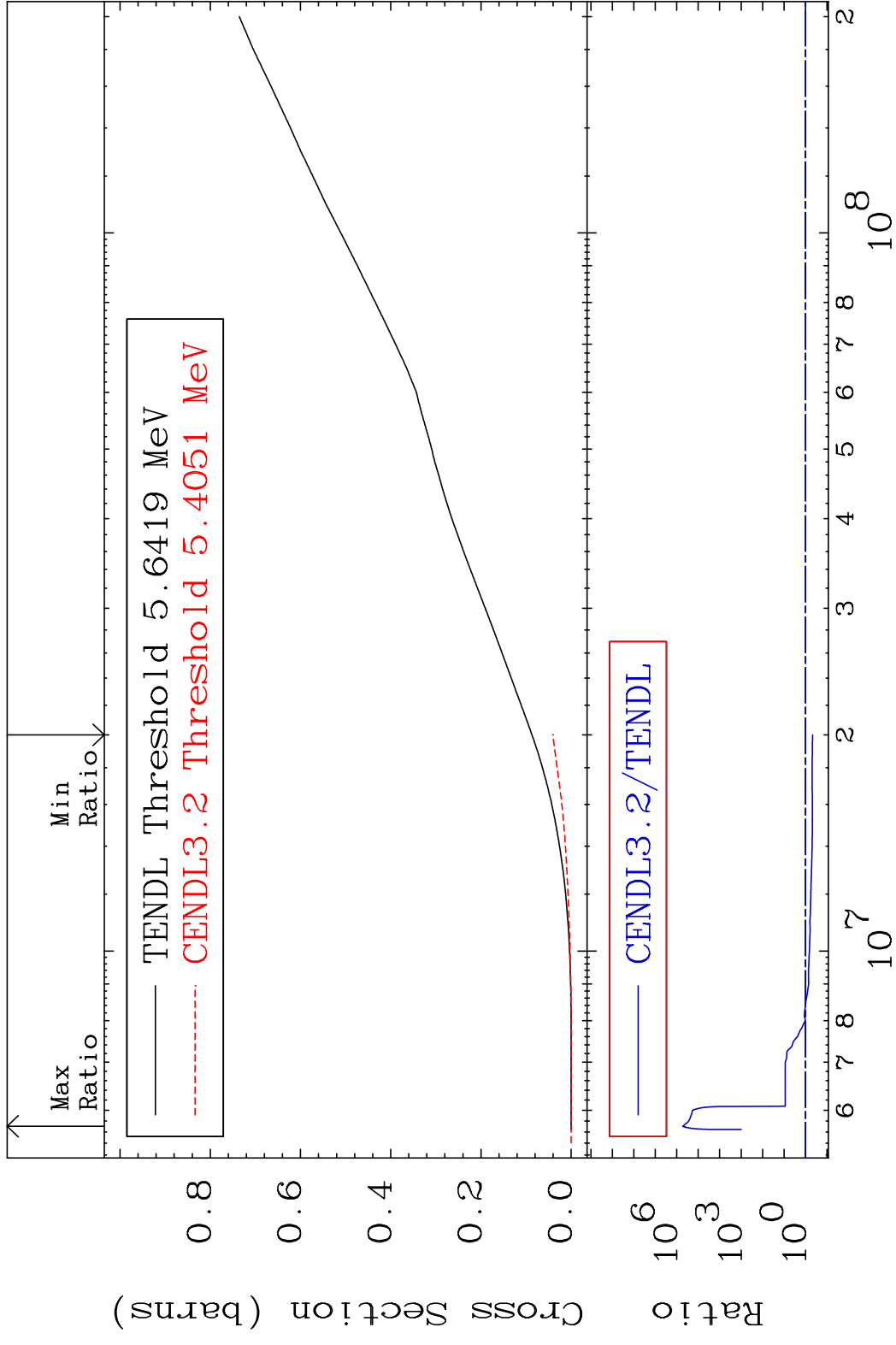


MAT 2637

Hydrogen Production

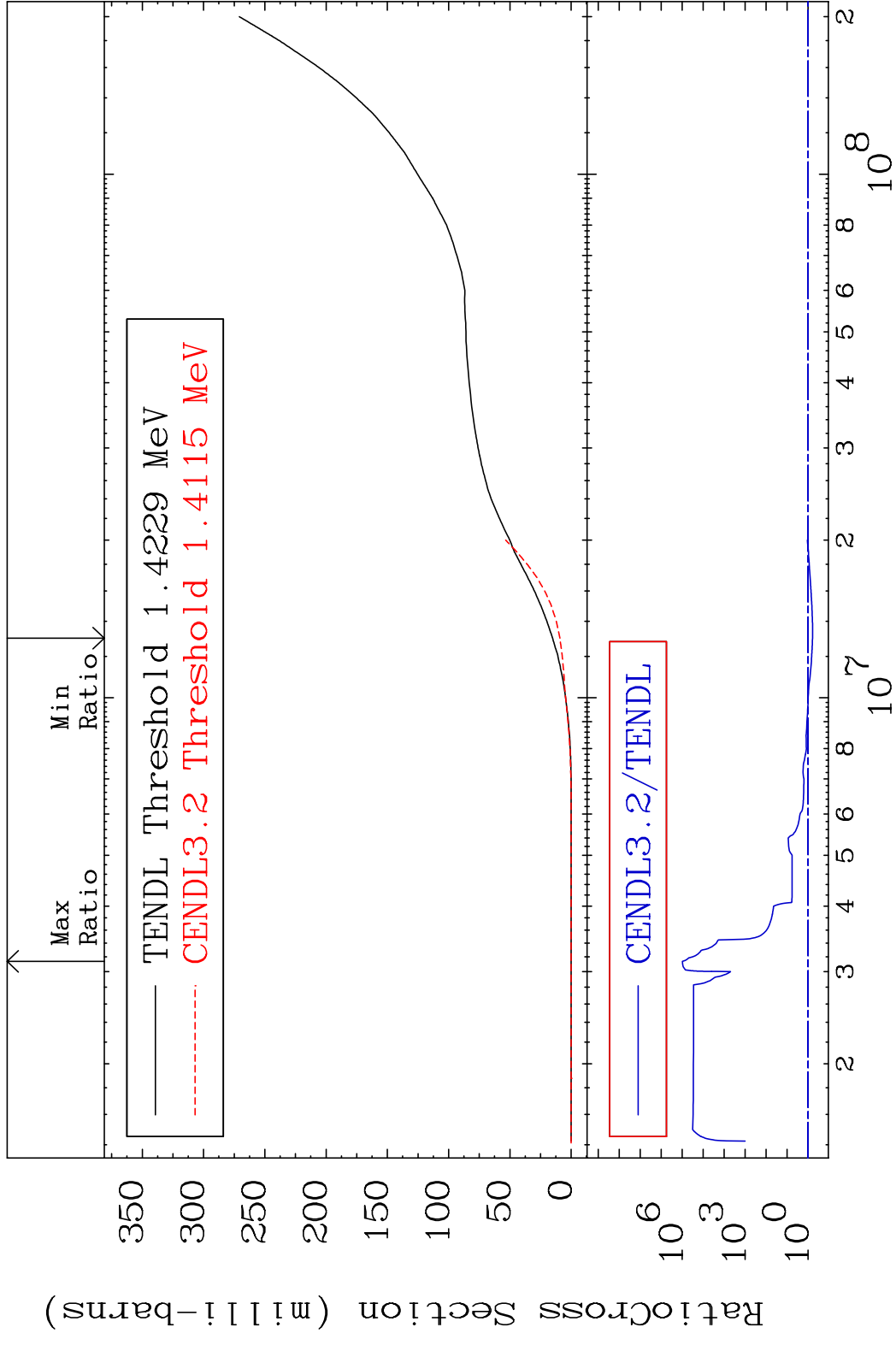
<sup>26</sup>Fe-58

Cross Section -52.96 To 9999. %

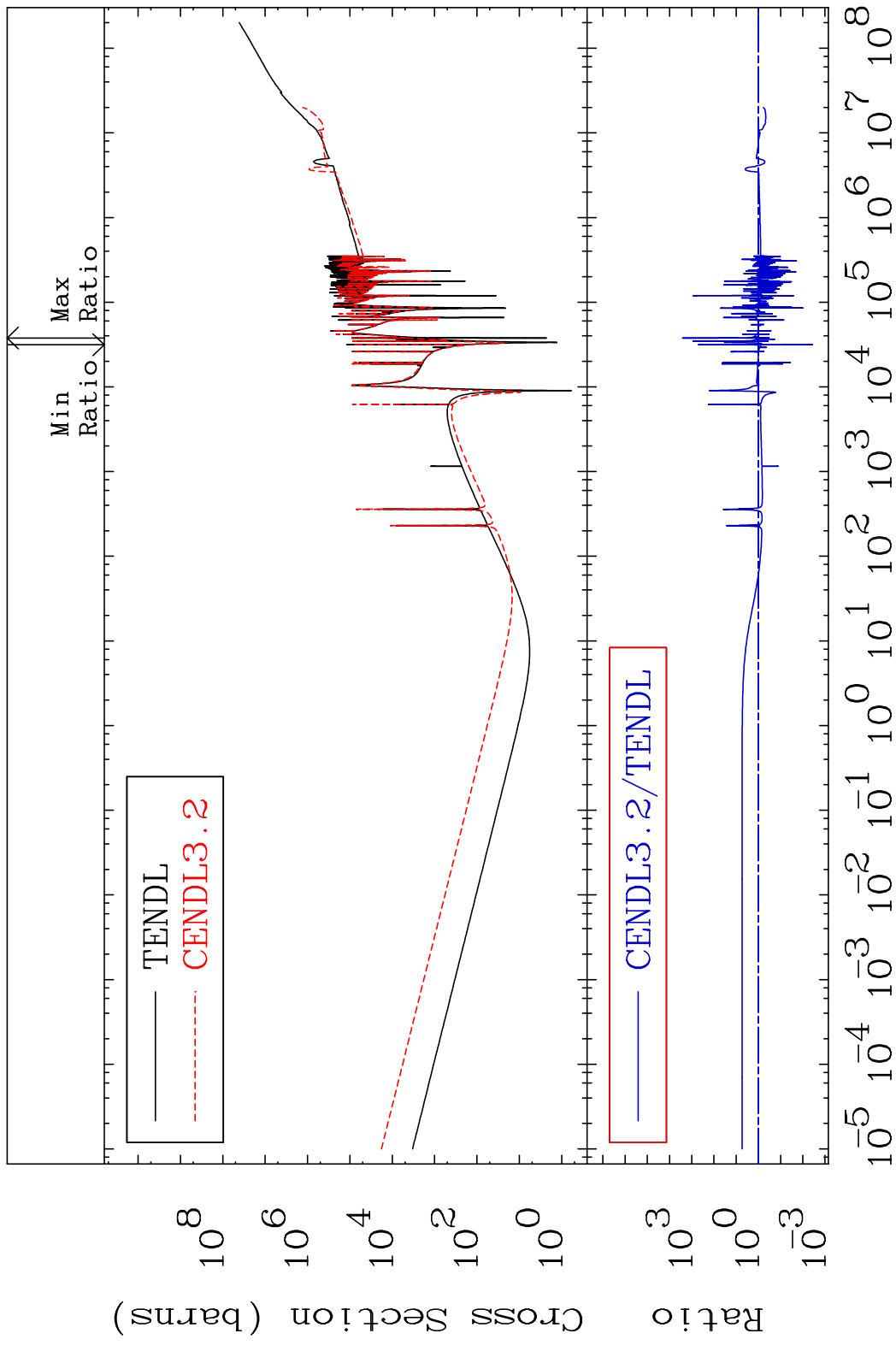




MAT 2637 He-4 Production 26-Fe-58  
 Cross Section -39.31 To 9999. %



MAT 2637 Kerma total (eV-barns) 26-Fe-58  
 Cross Section -99.64 To 9999. %



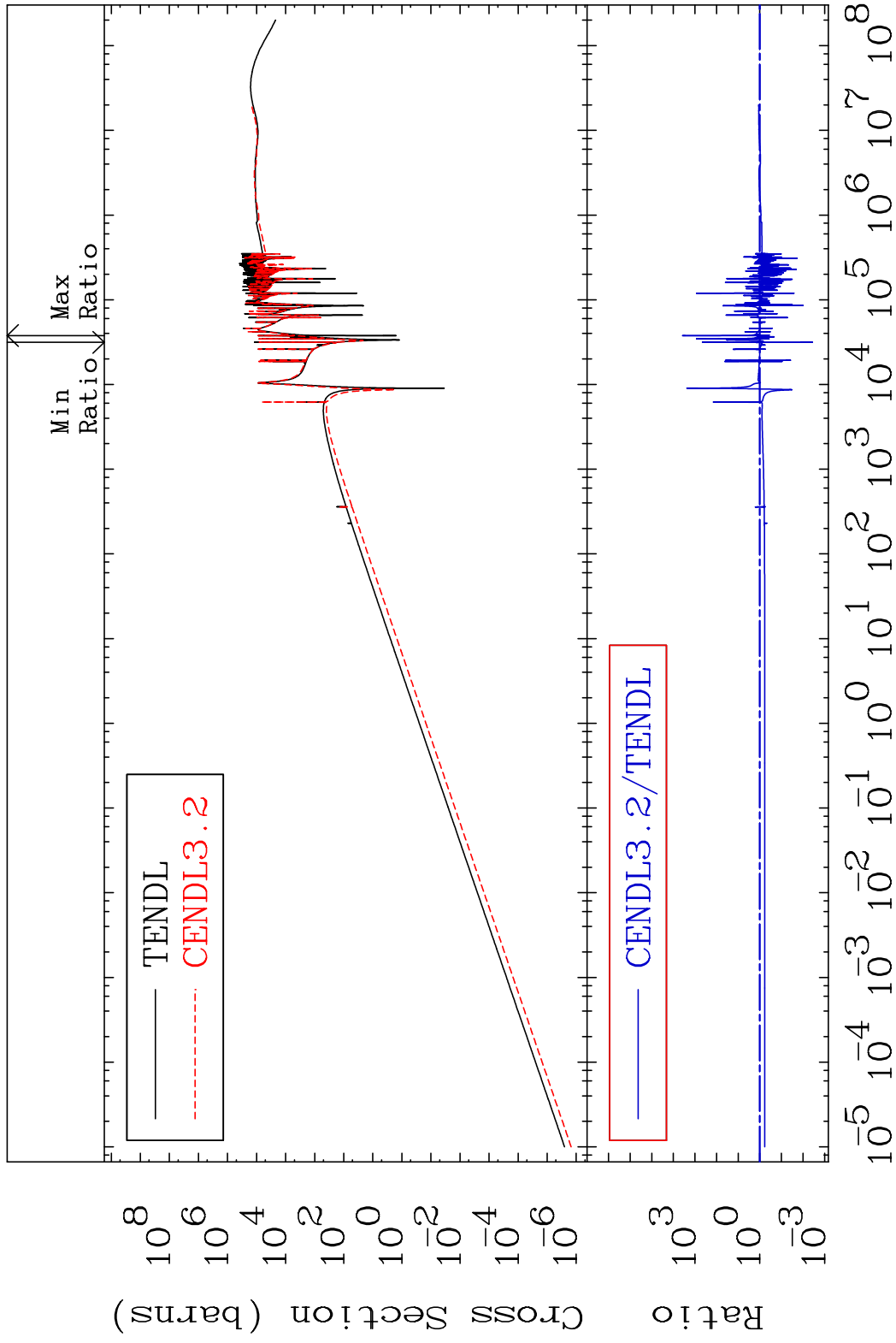
25 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic

26-Fe-58

Cross Section -99.64 To 9999. %

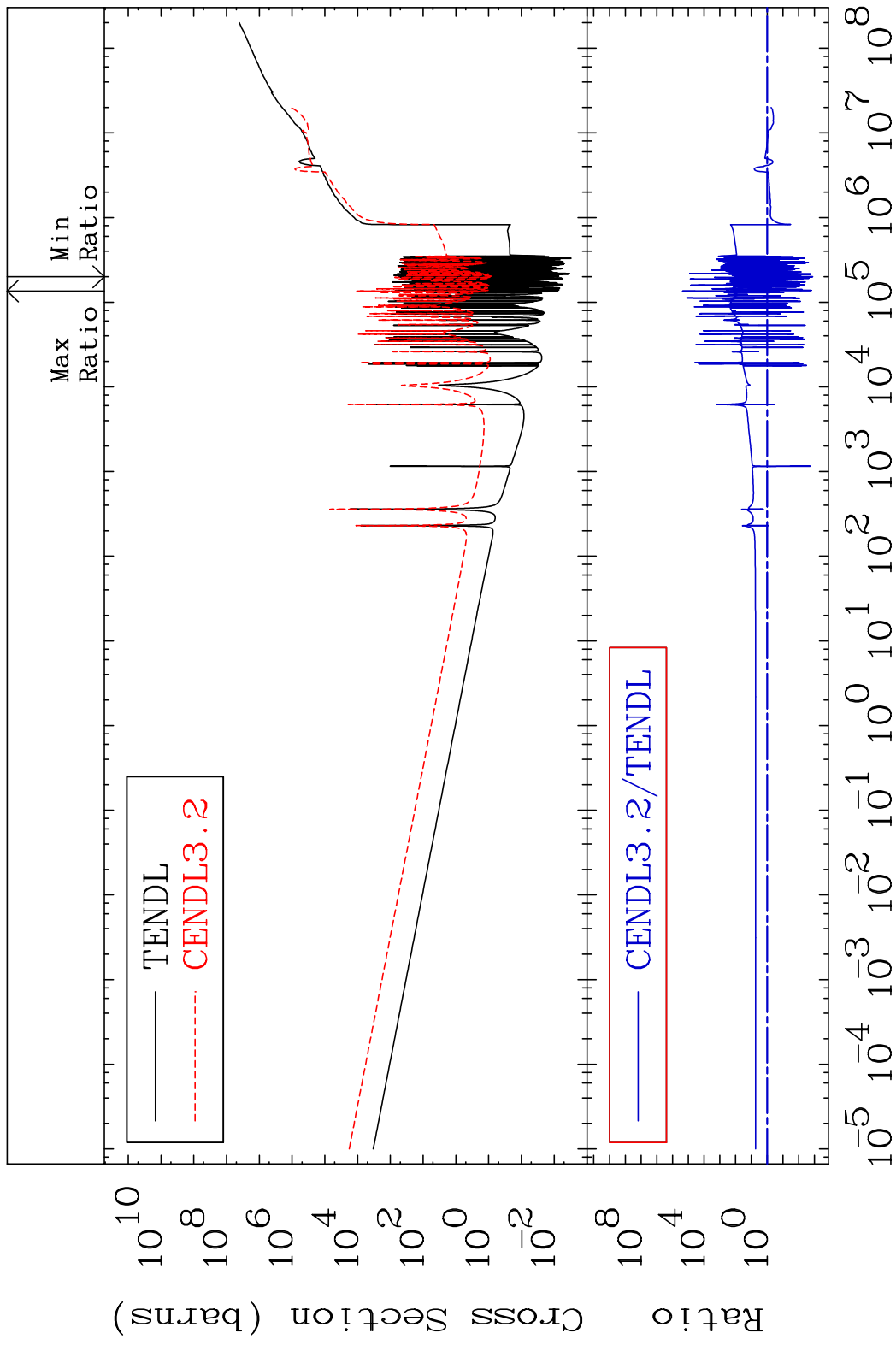


26

Incident Energy (eV)

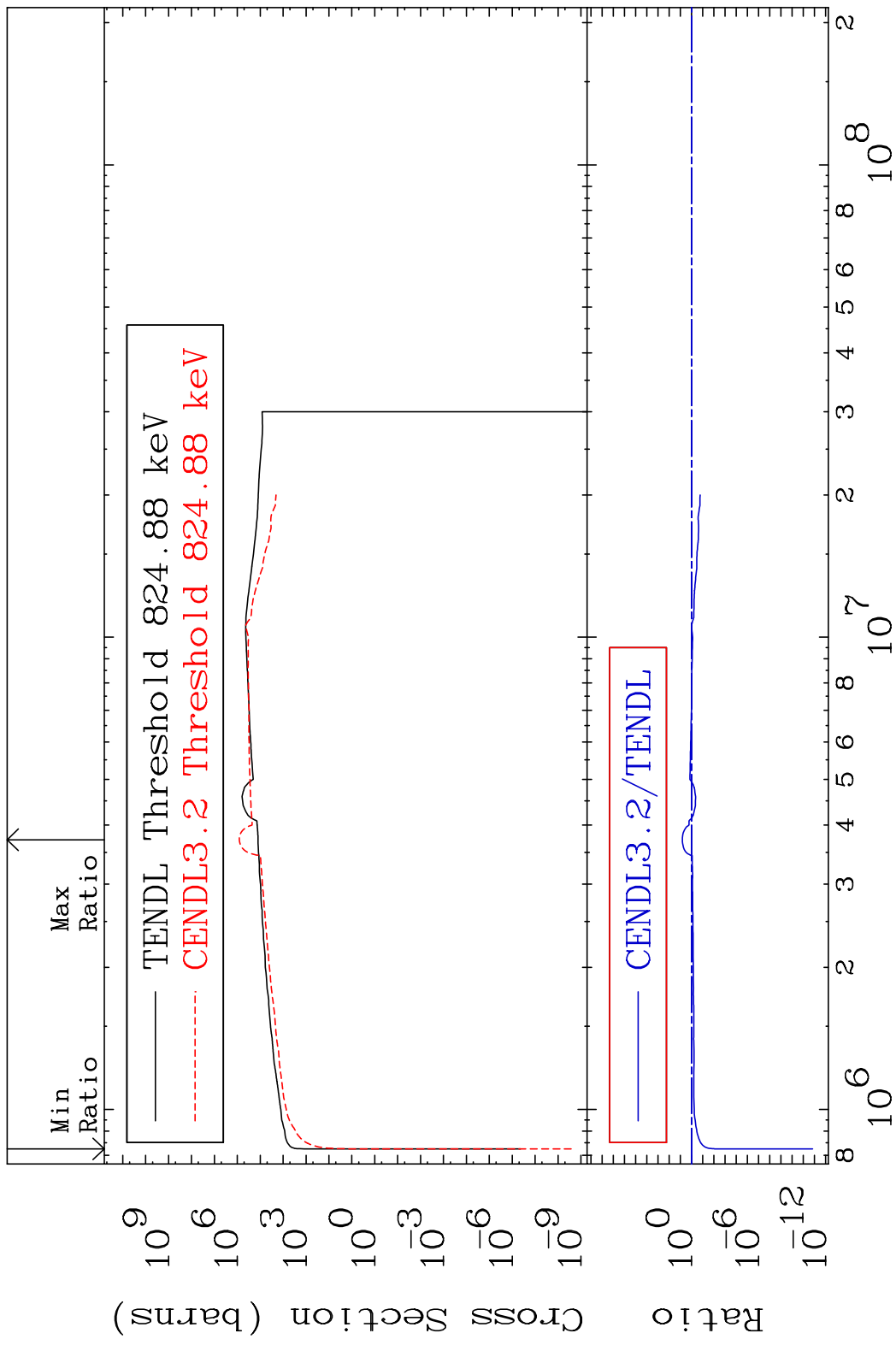
26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58  
 Cross Section -99.87 To 9999. %



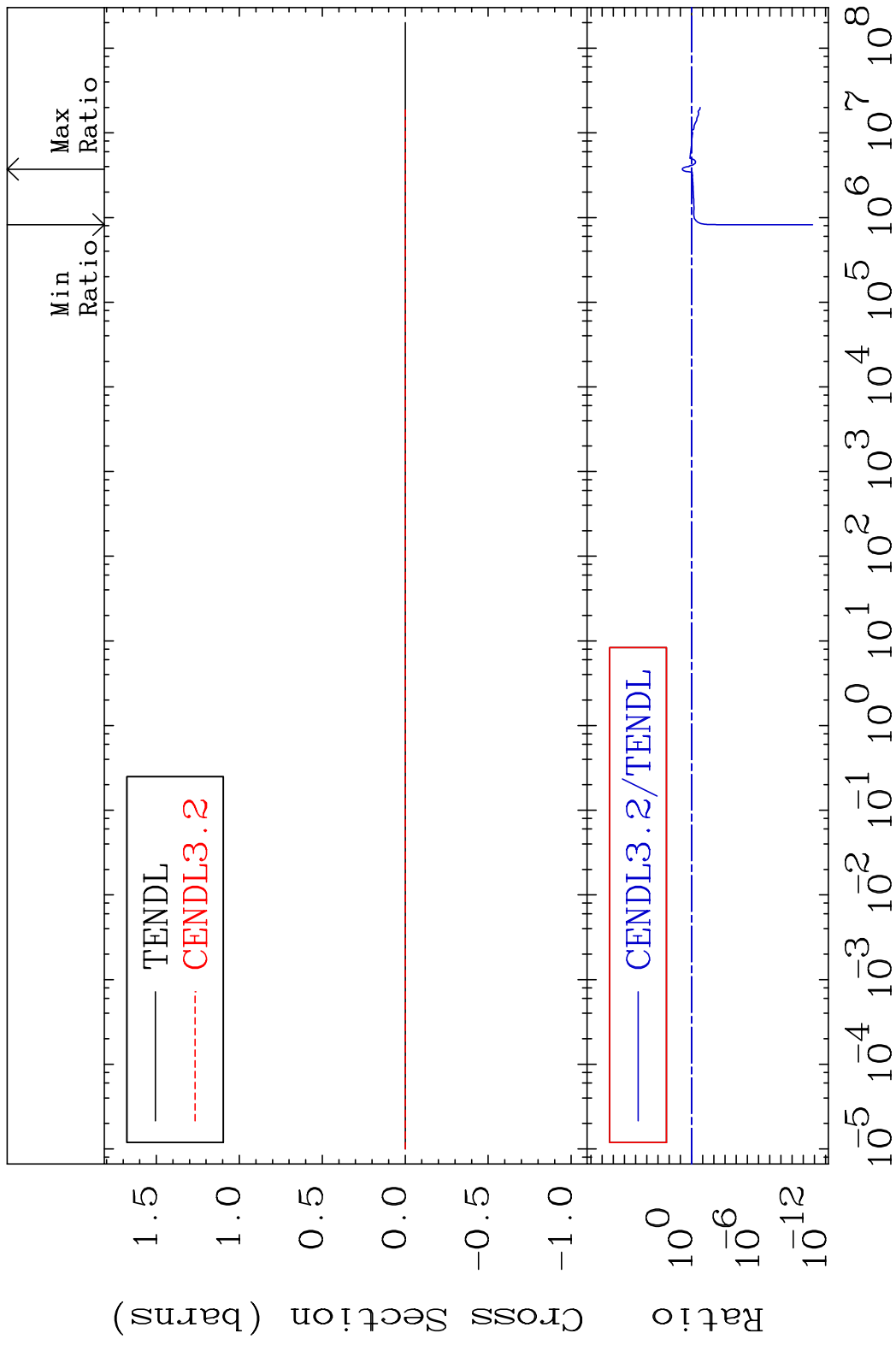
27 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma inelastic (mt51-91) 26-Fe-58  
 Cross Section -100.0 To 552.6 %



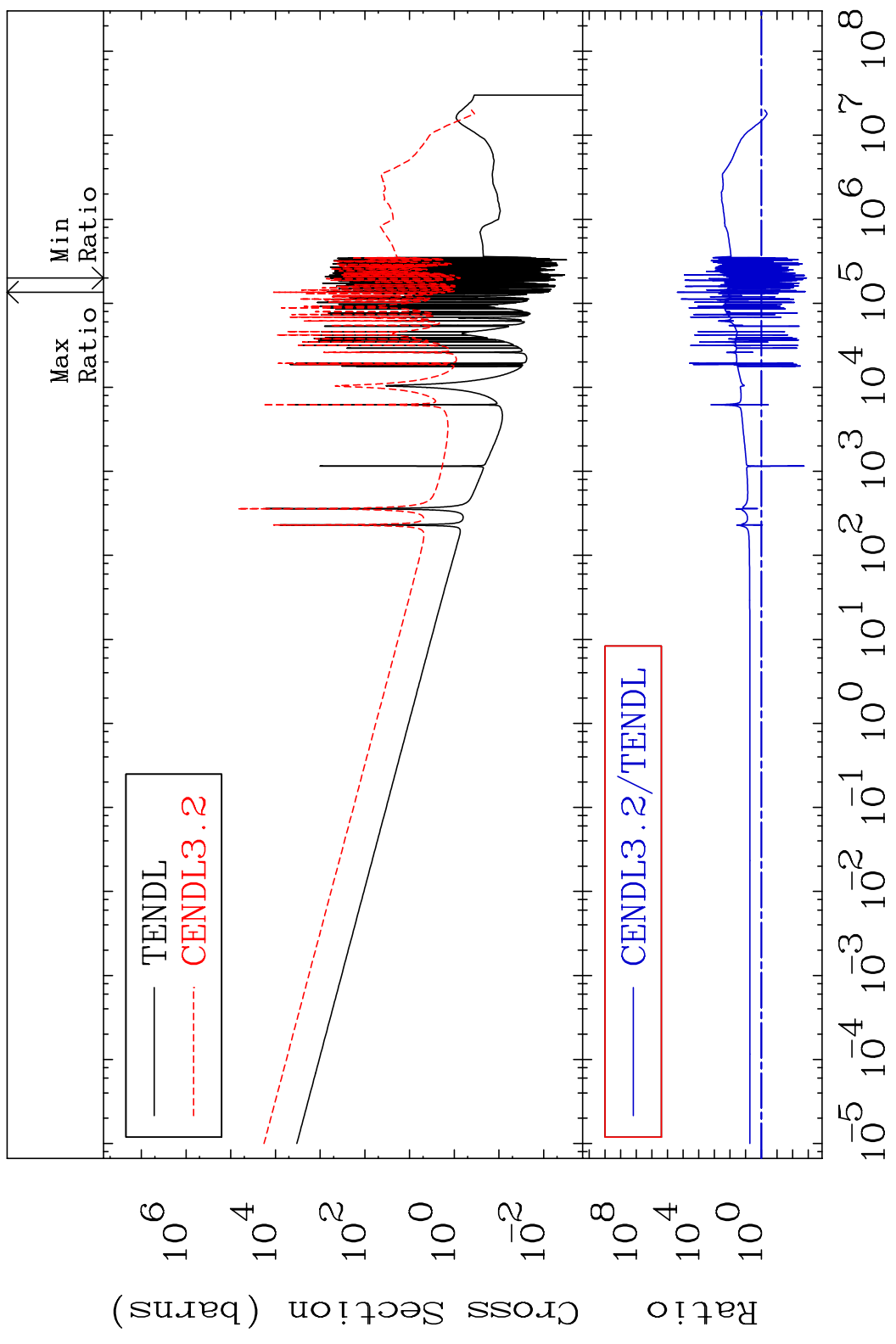
28 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58  
 Cross Section -100.0 To 552.6 %



MAT 2637

Kerma capture (mt102) 26-Fe-58  
Cross Section -99.87 To 9999. %

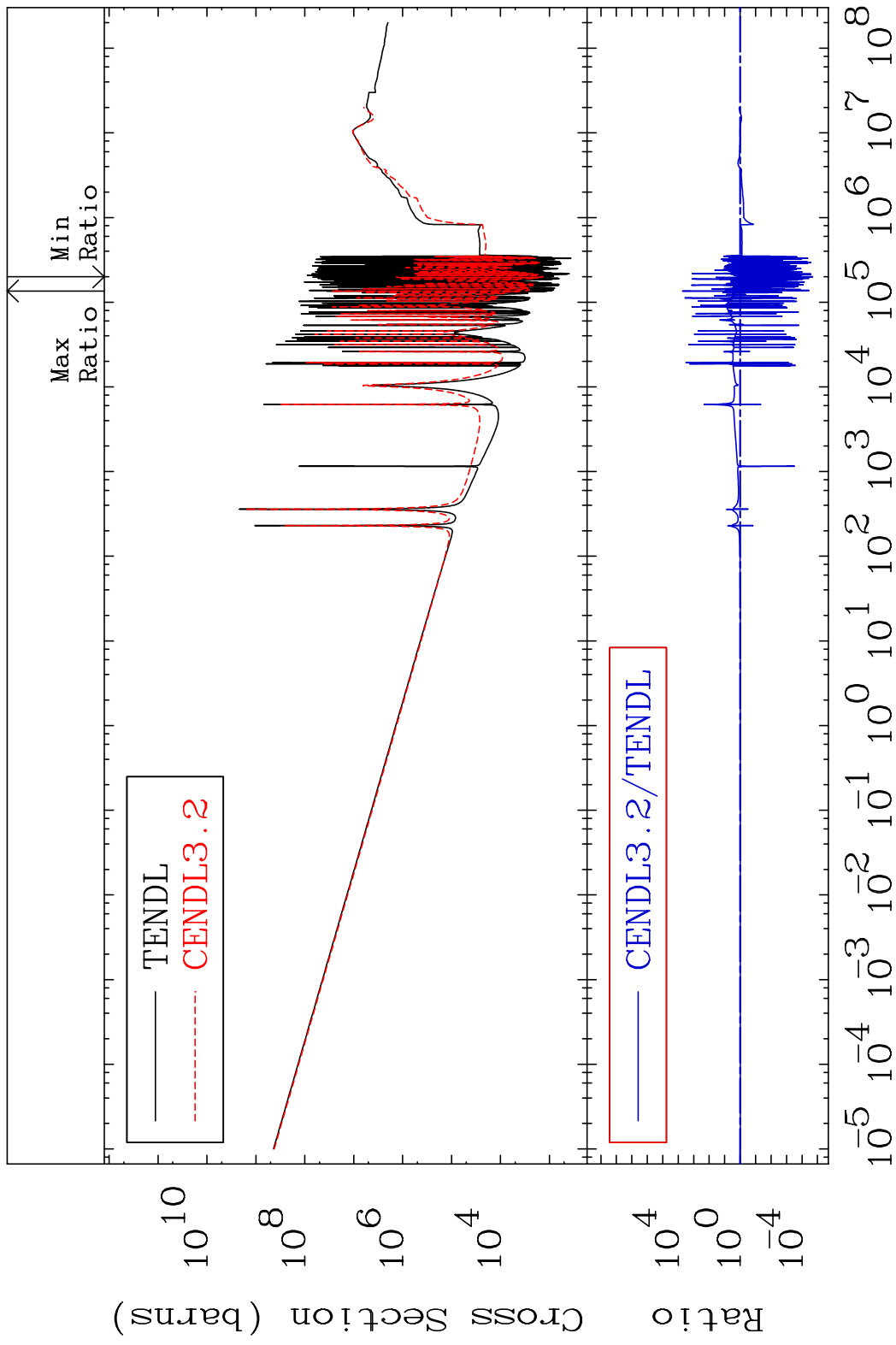


30

Incident Energy (eV)

26-Fe-58

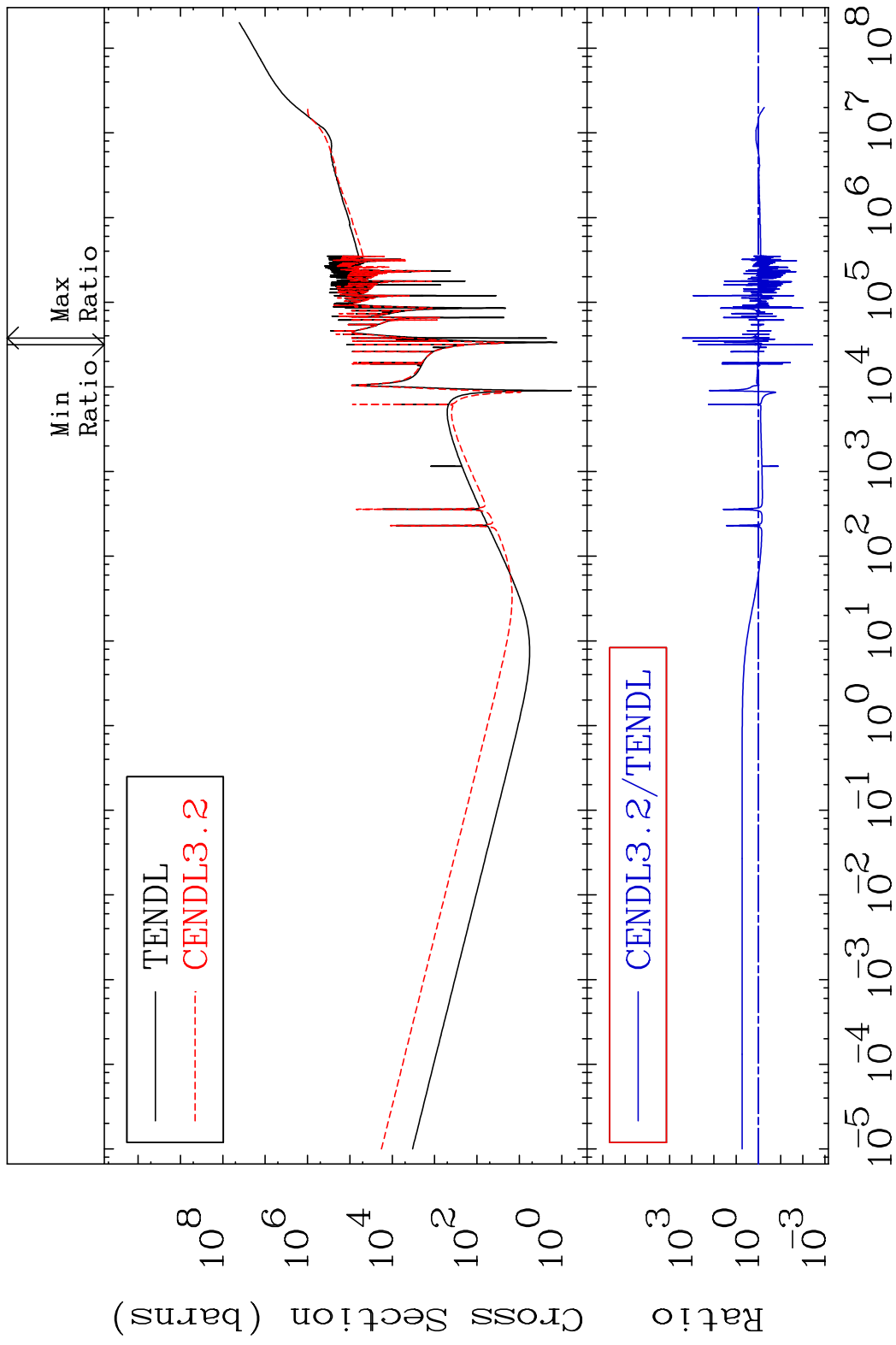
MAT 2637 Total photon (eV-barns) 26-Fe-58  
 Cross Section -100.0 To 9999. %



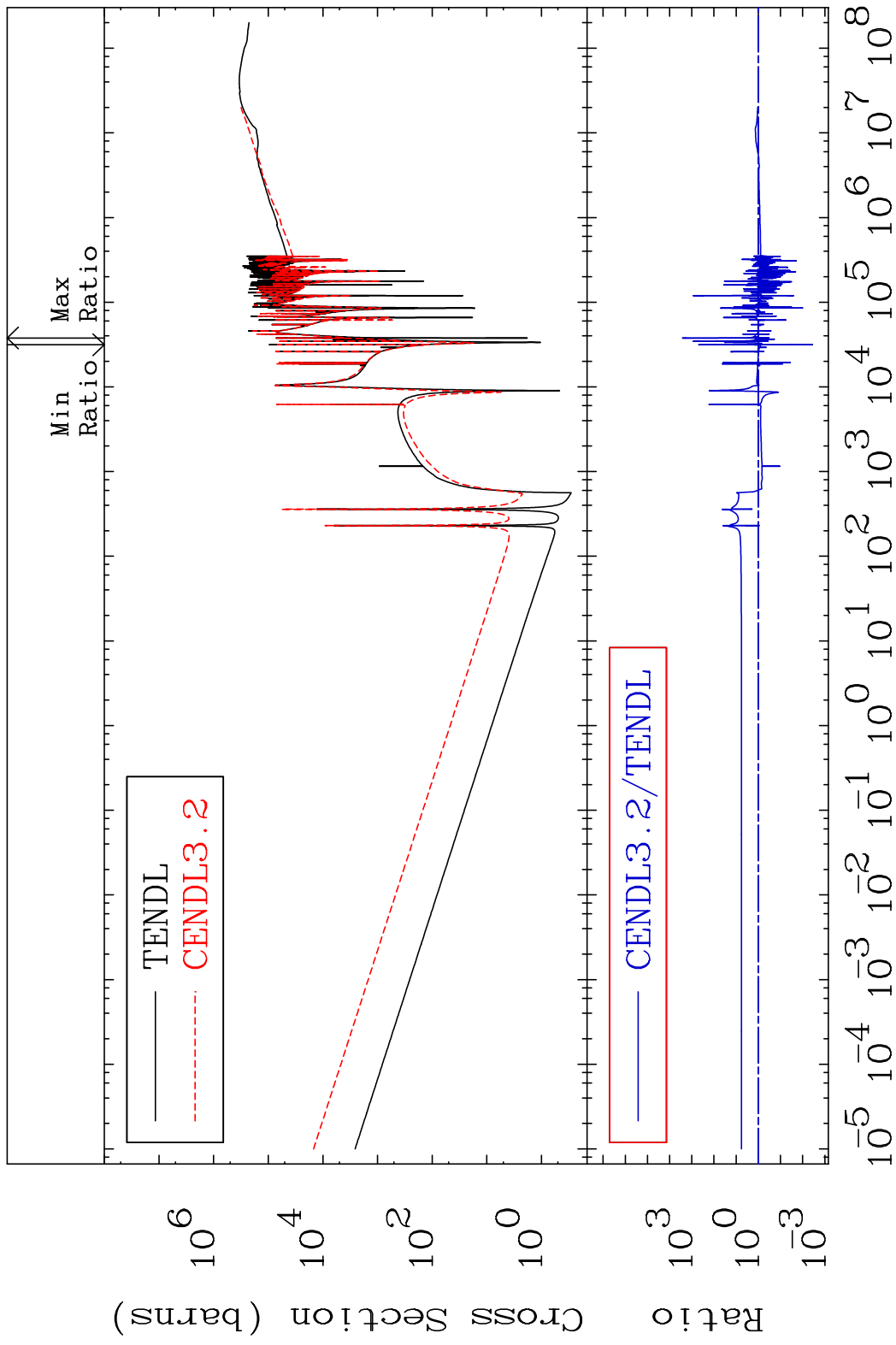
31 Incident Energy (eV) 26-Fe-58



MAT 2637 Total kinematic kerma (high limit) 26-Fe-58  
Cross Section -99.64 To 9999. %



MAT 2637 Dpa total (eV-barns) 26-Fe-58  
 Cross Section -99.64 To 9999. %



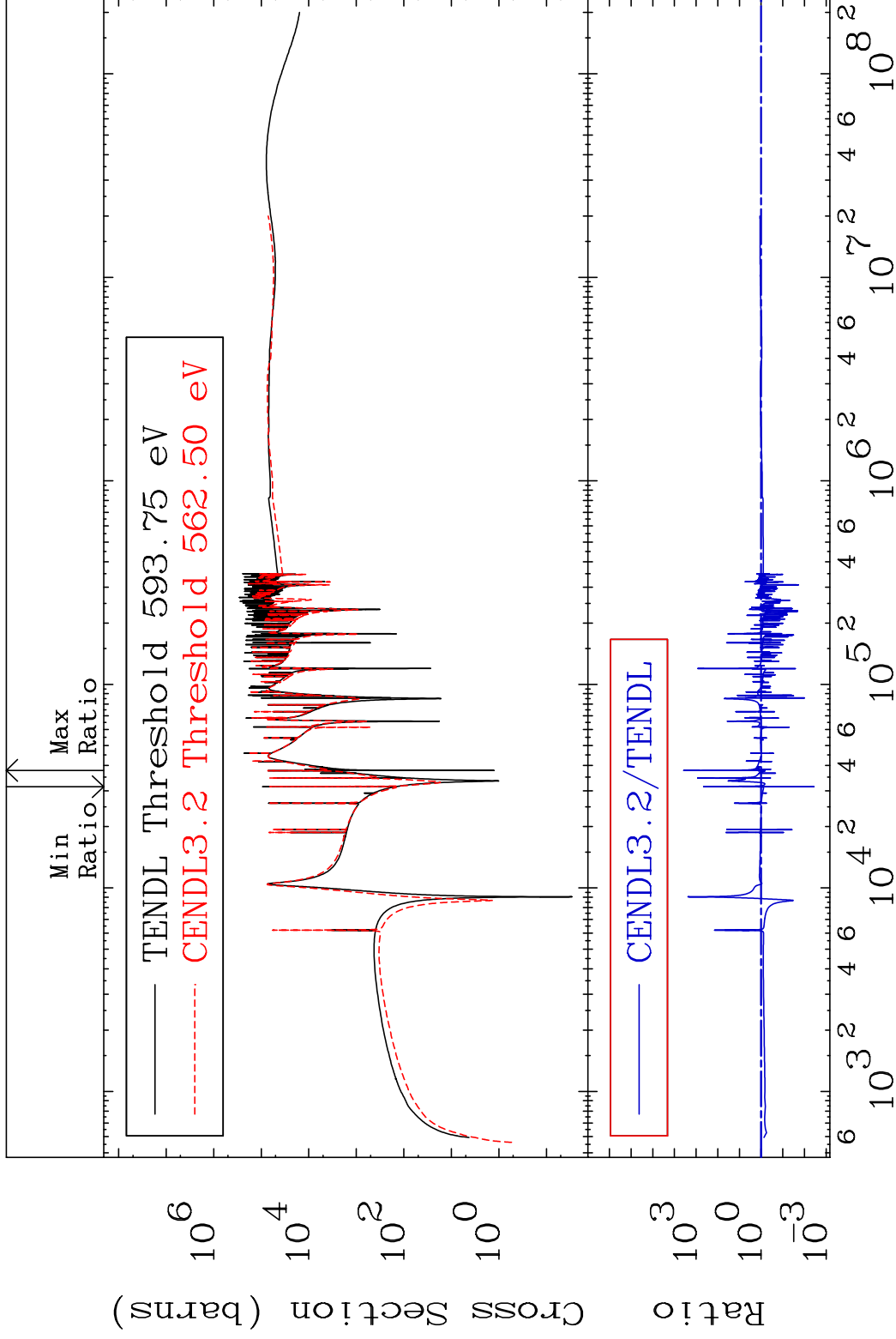
33 Incident Energy (eV) 26-Fe-58

MAT 2637

Dpa elastic (mt2)

<sup>26</sup>Fe-58

Cross Section -99.64 To 9999. %

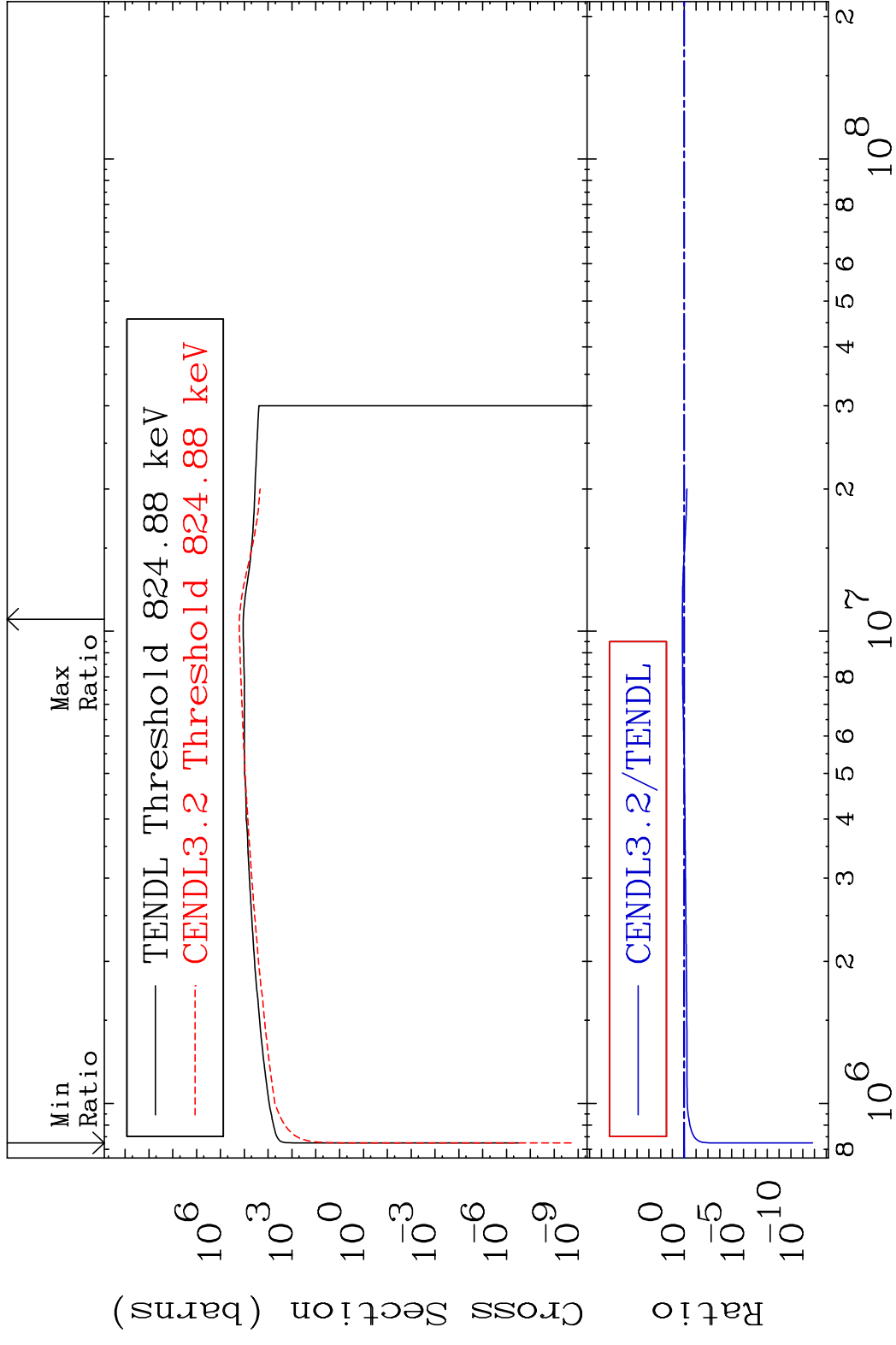


34

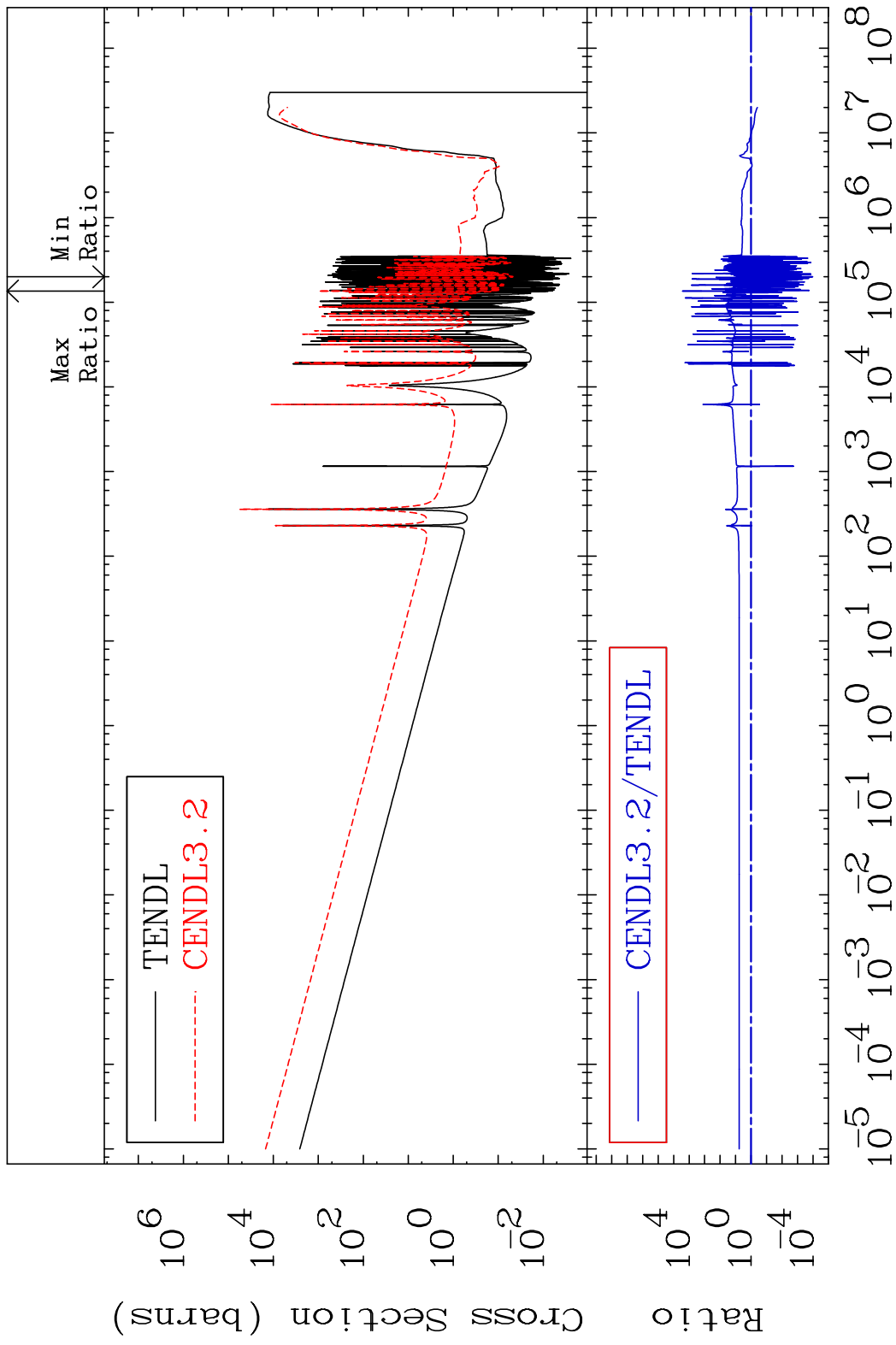
Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 Dpa inelastic (mt51-91) 26-Fe-58  
 Cross Section -100.0 To 45.98 %

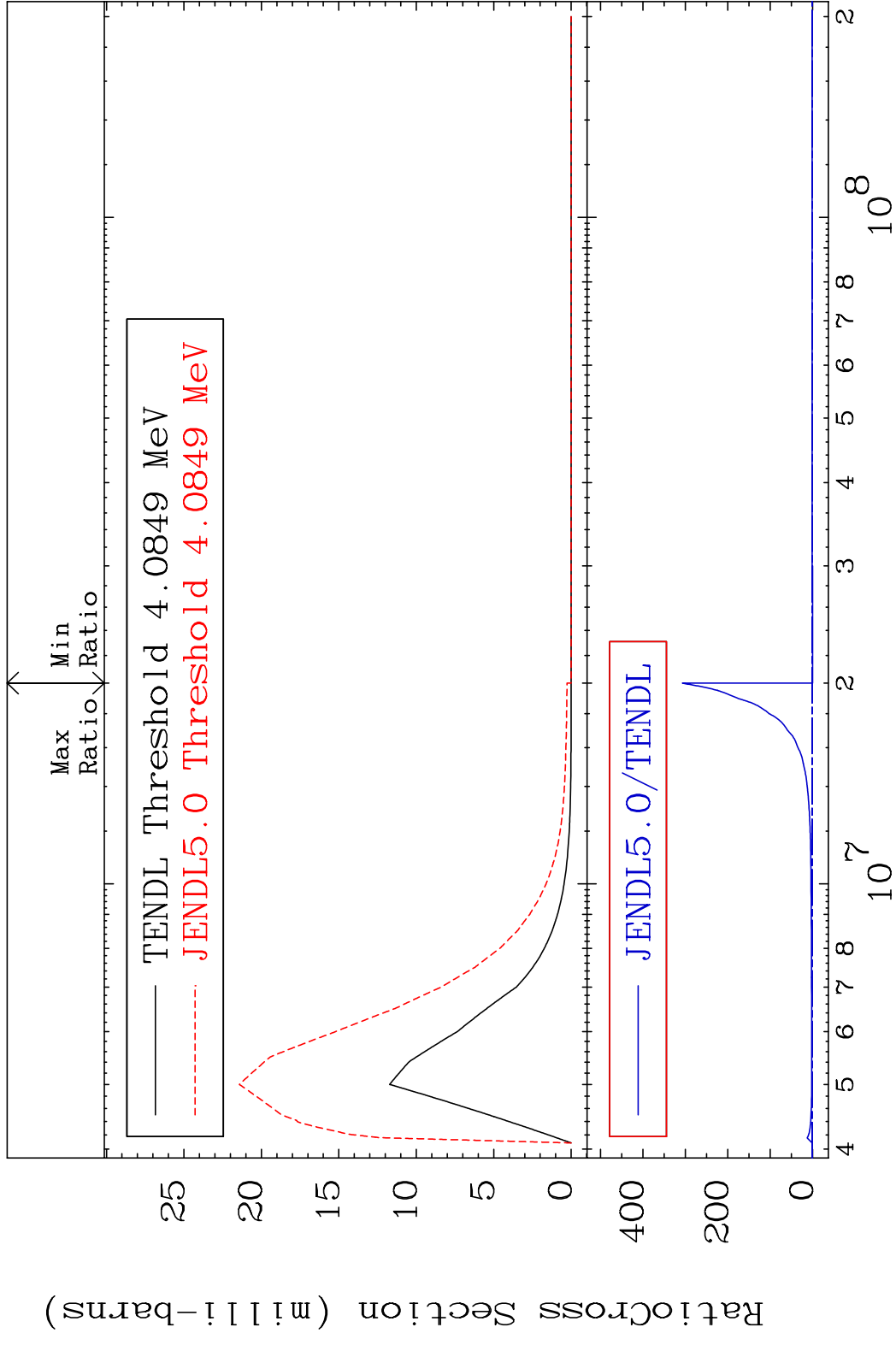


MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58  
 Cross Section -99.99 To 9999. %

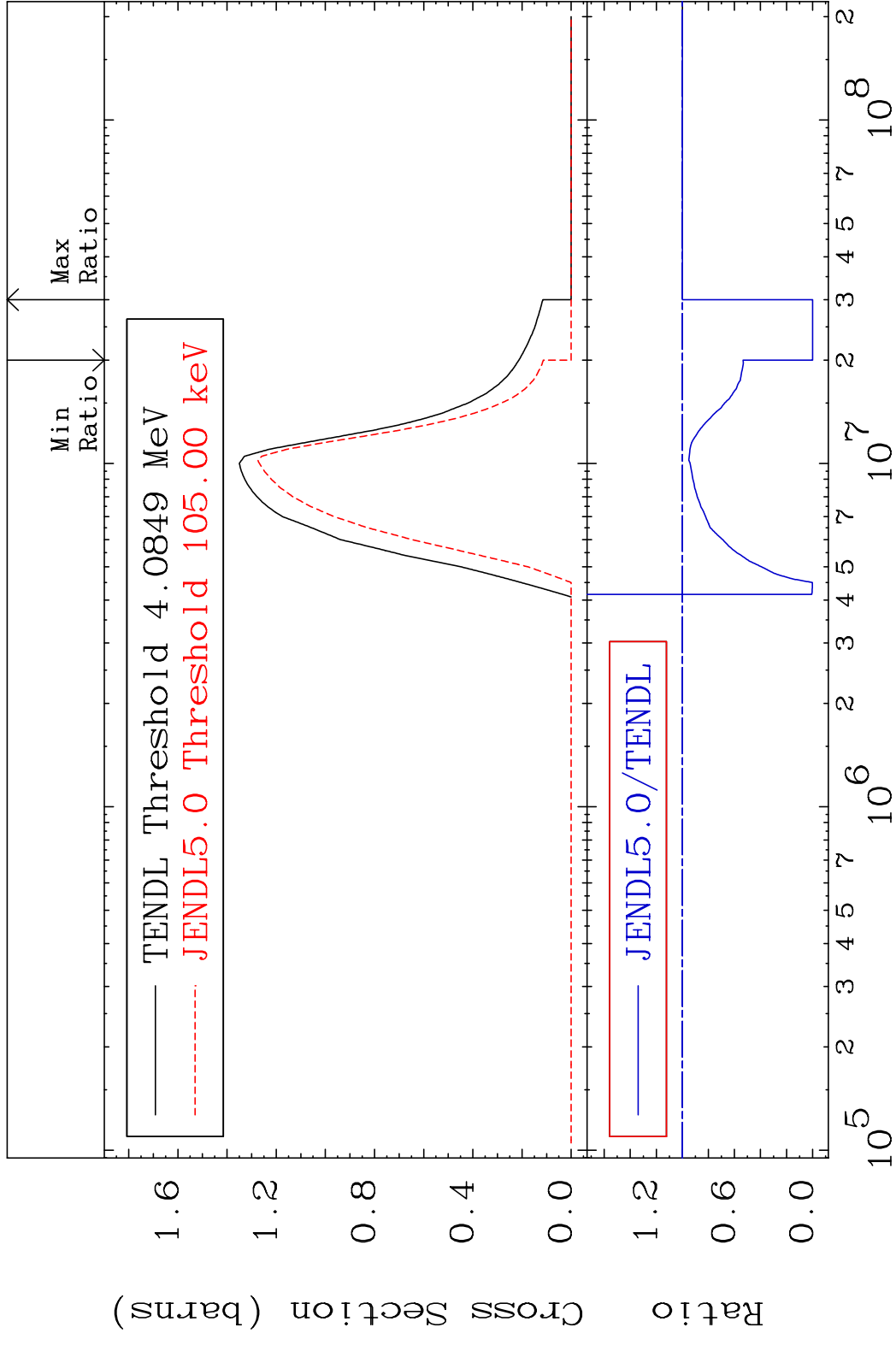


36 Incident Energy (eV) 26-Fe-58

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 %

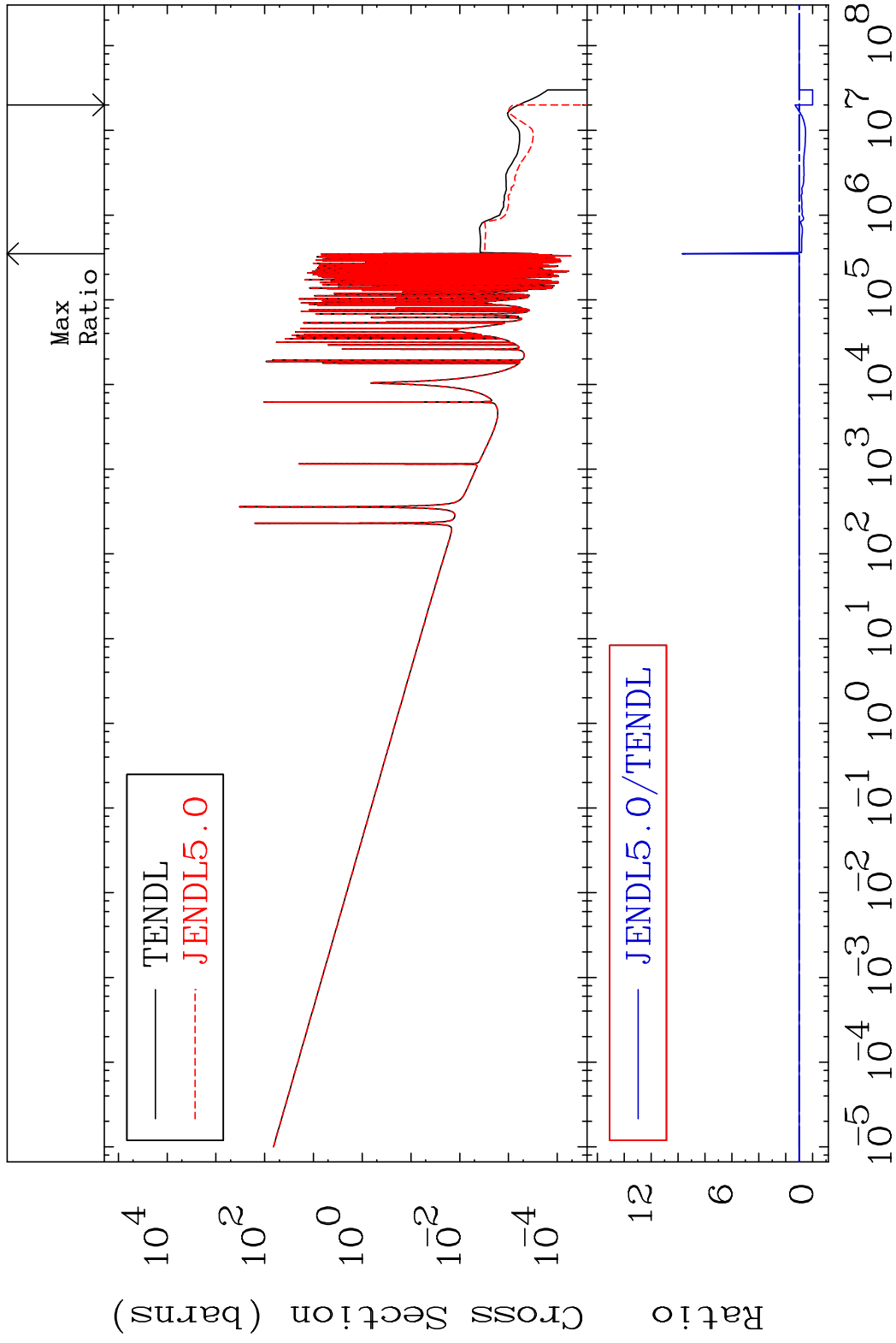


MAT 2637

(n,  $\gamma$ )

26-Fe-58

Cross Section -100.0 To 868.1 %



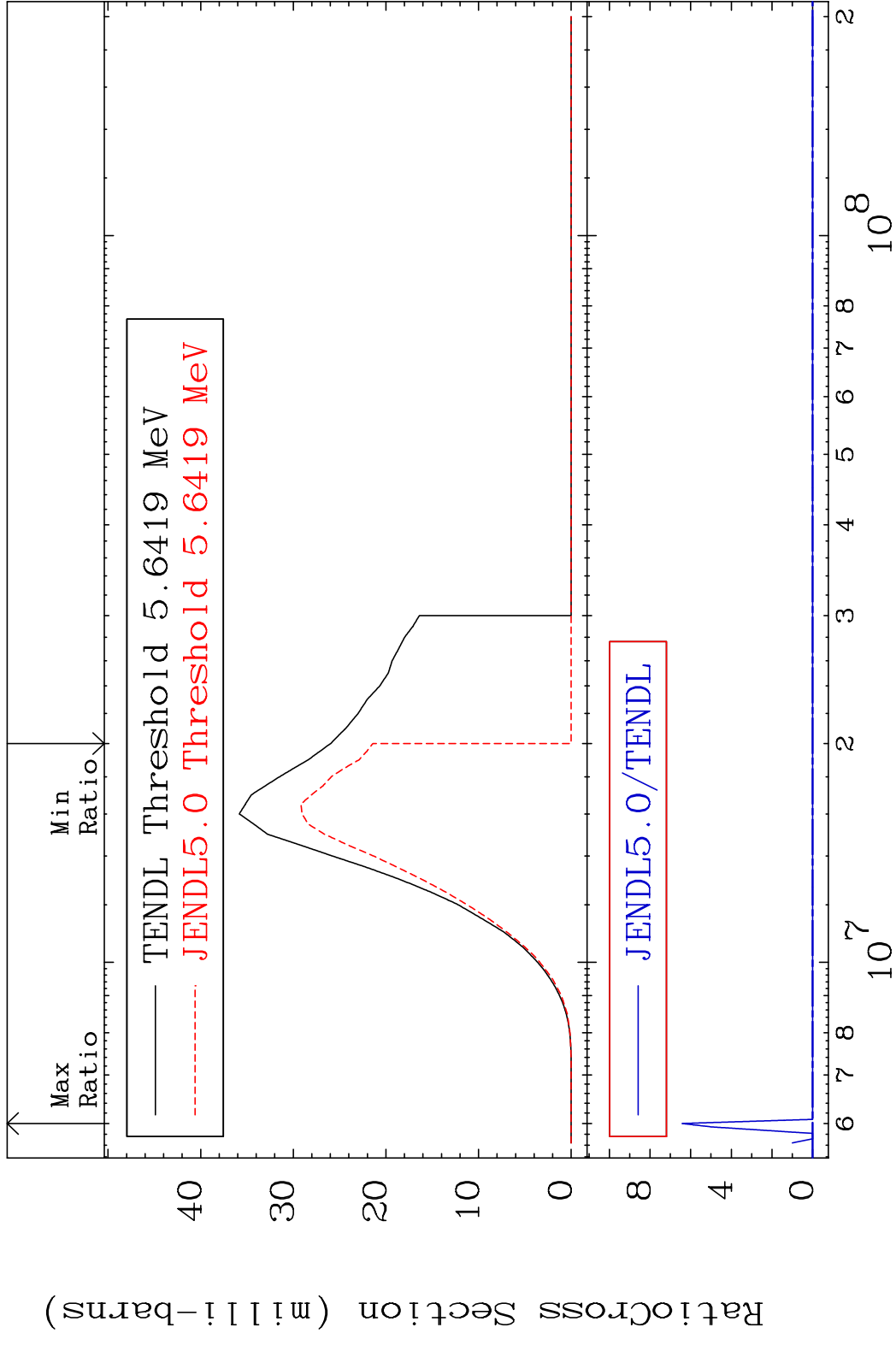
39

Incident Energy (eV)

26-Fe-58



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



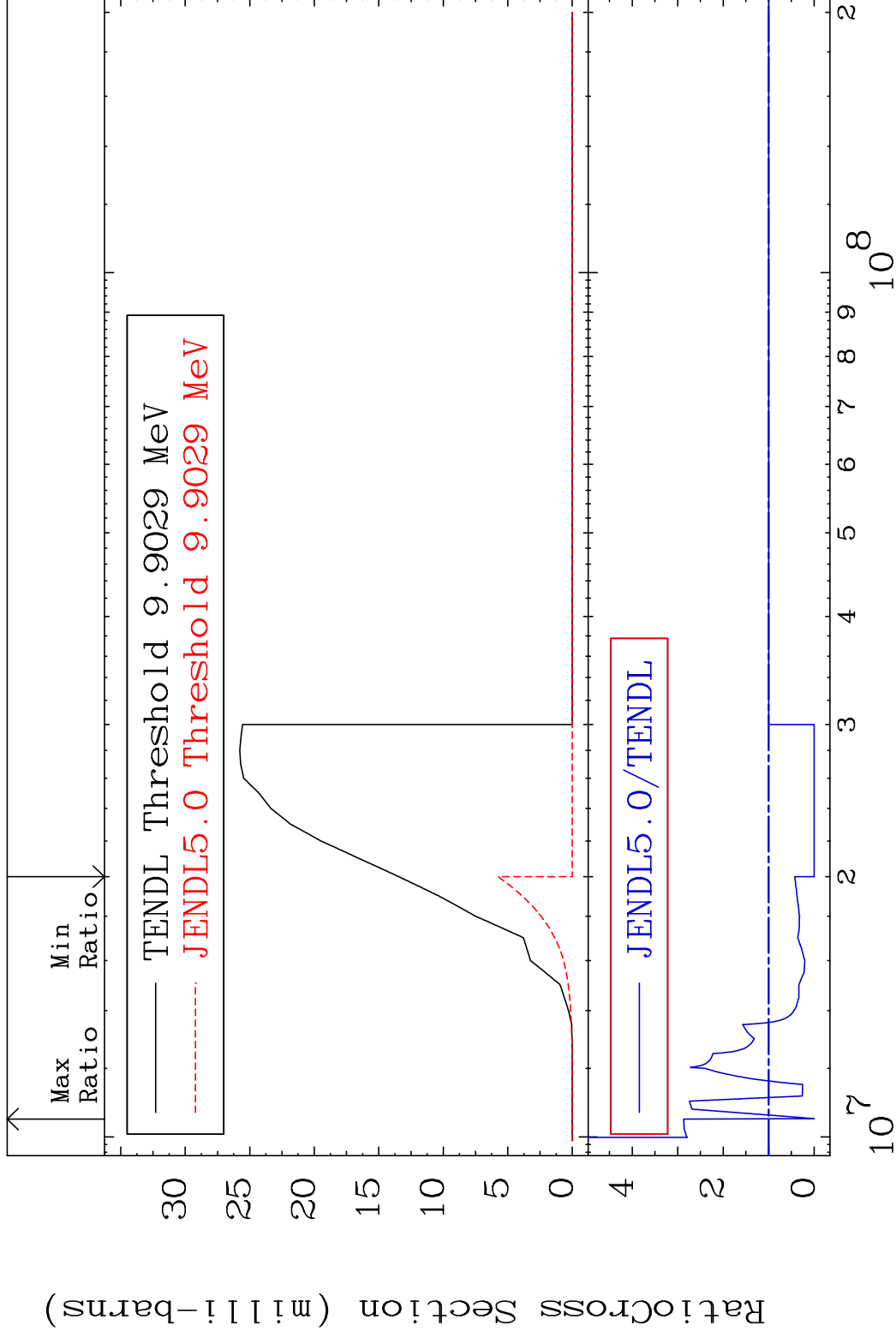
40 26-Fe-58

MAT 2637

(n,d)

<sup>26</sup>Fe-58

Cross Section -100.0 To 186.9 %



41

Incident Energy (eV)

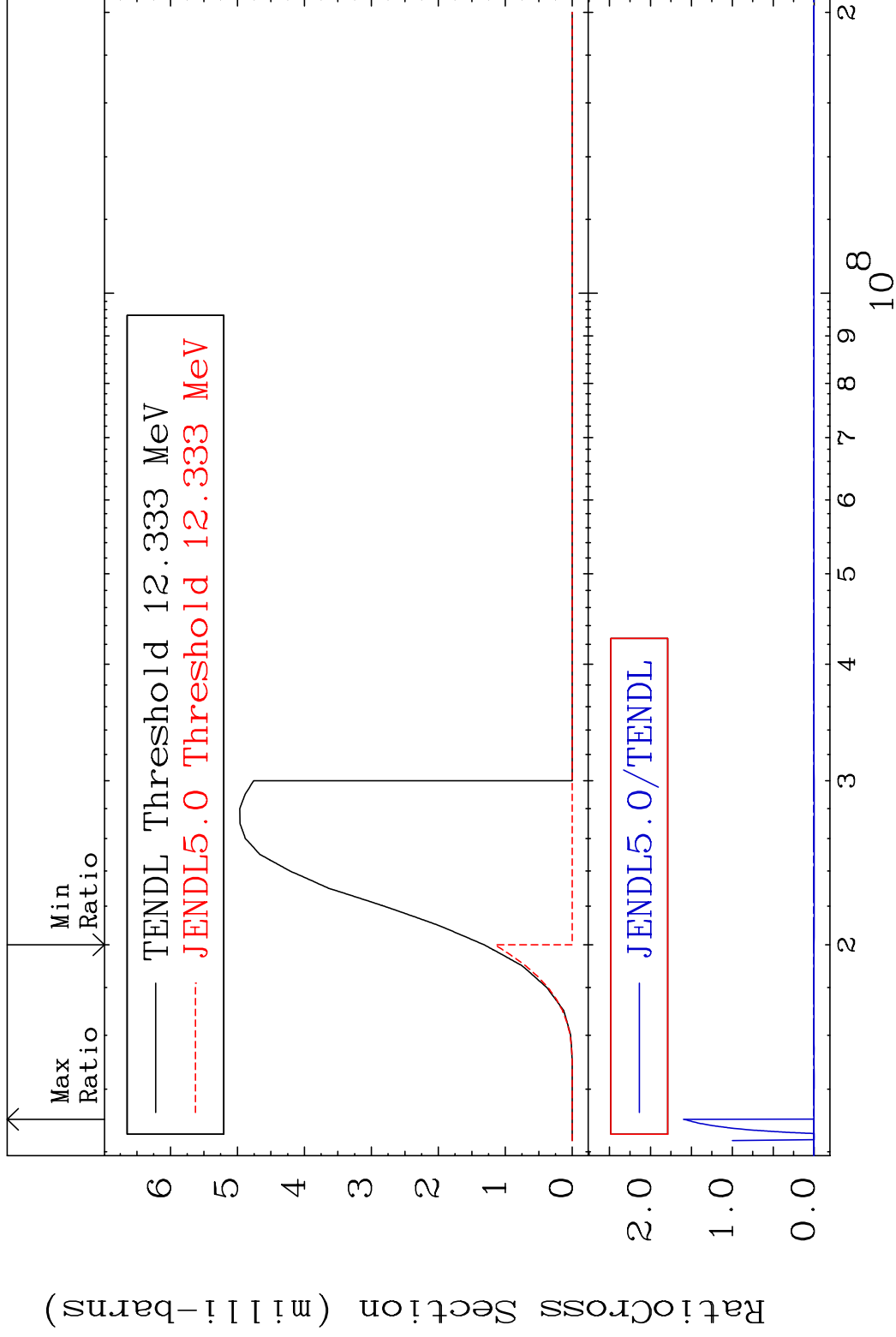
<sup>26</sup>Fe-58

MAT 2637

(n, t)

26-Fe-58

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

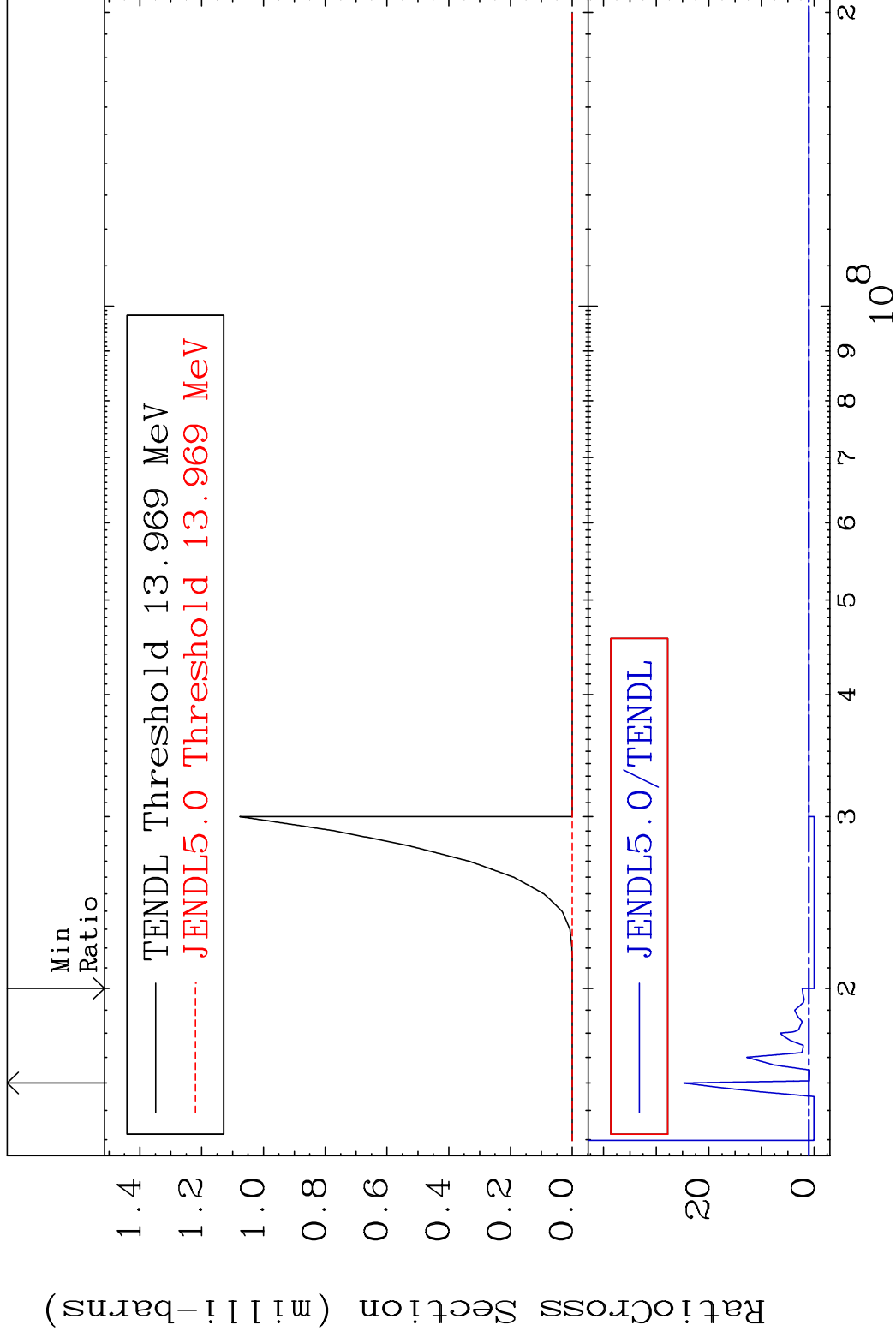
26-Fe-58

MAT 2637

(n, He-3)

<sup>26</sup>Fe-58

Cross Section -100.0 To 2378. %

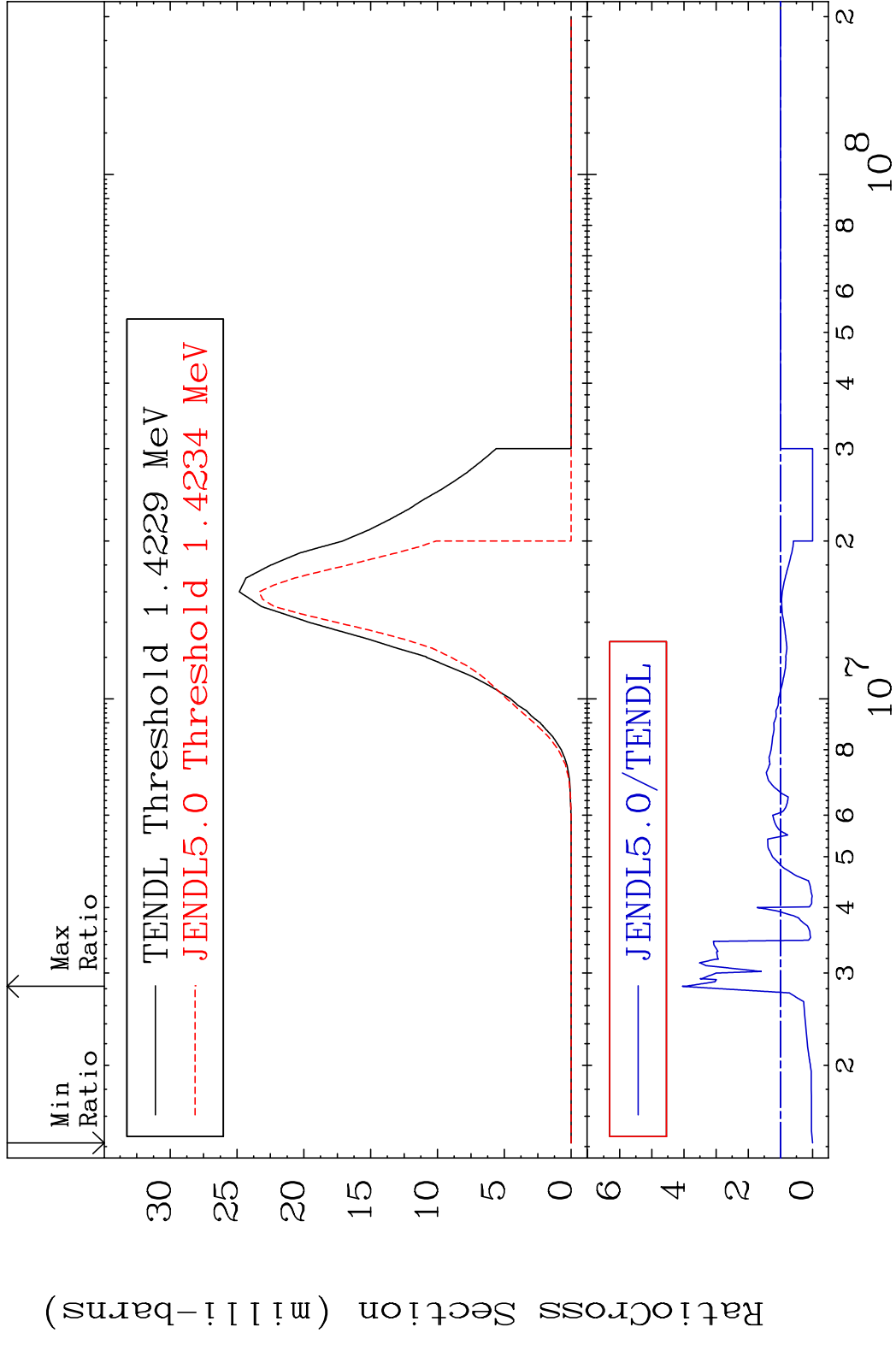


43

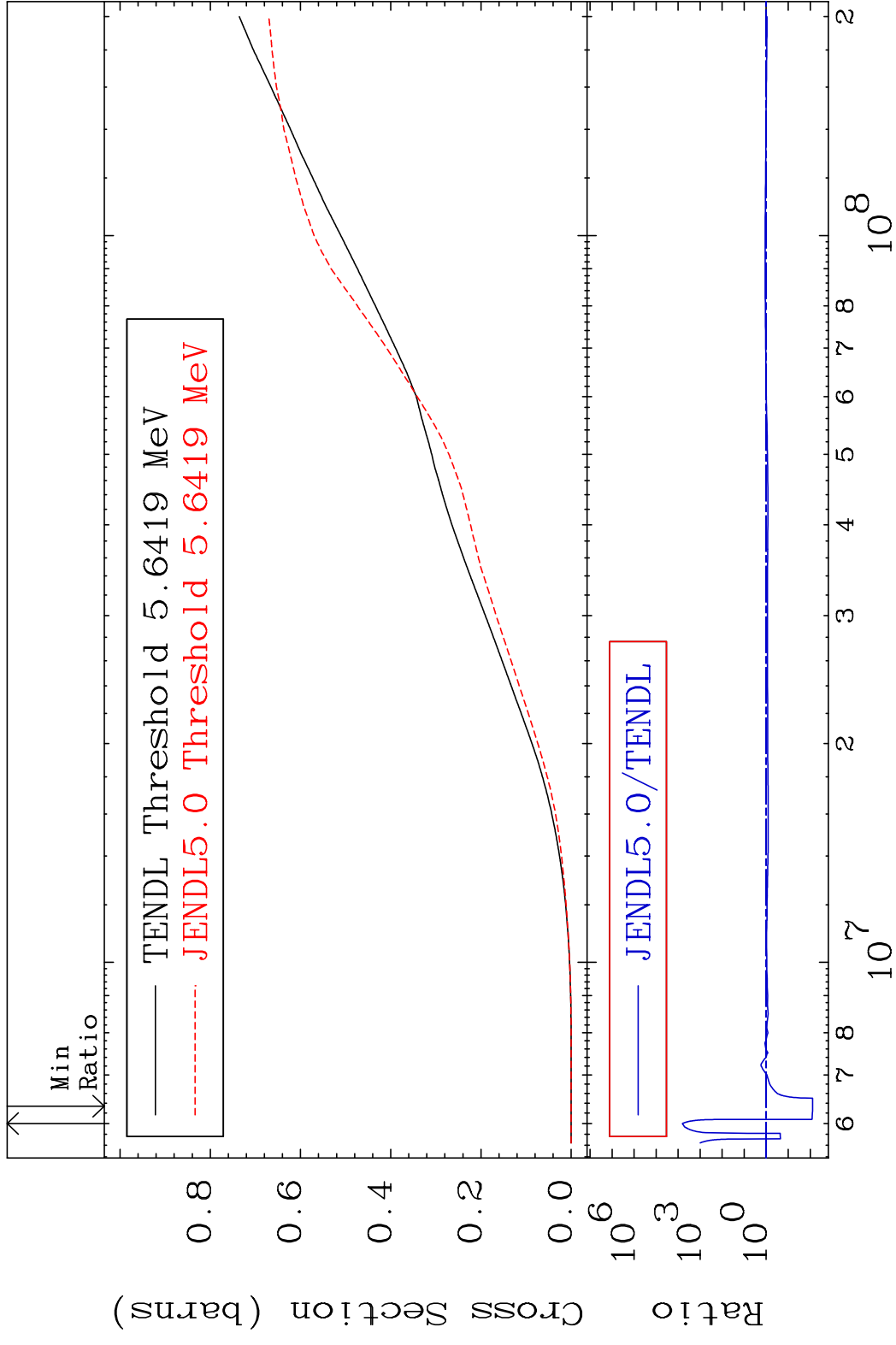
Incident Energy (eV)

<sup>26</sup>Fe-58

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



MAT 2637 Hydrogen Production 26-Fe-58  
 Cross Section -99.22 To 9999. %

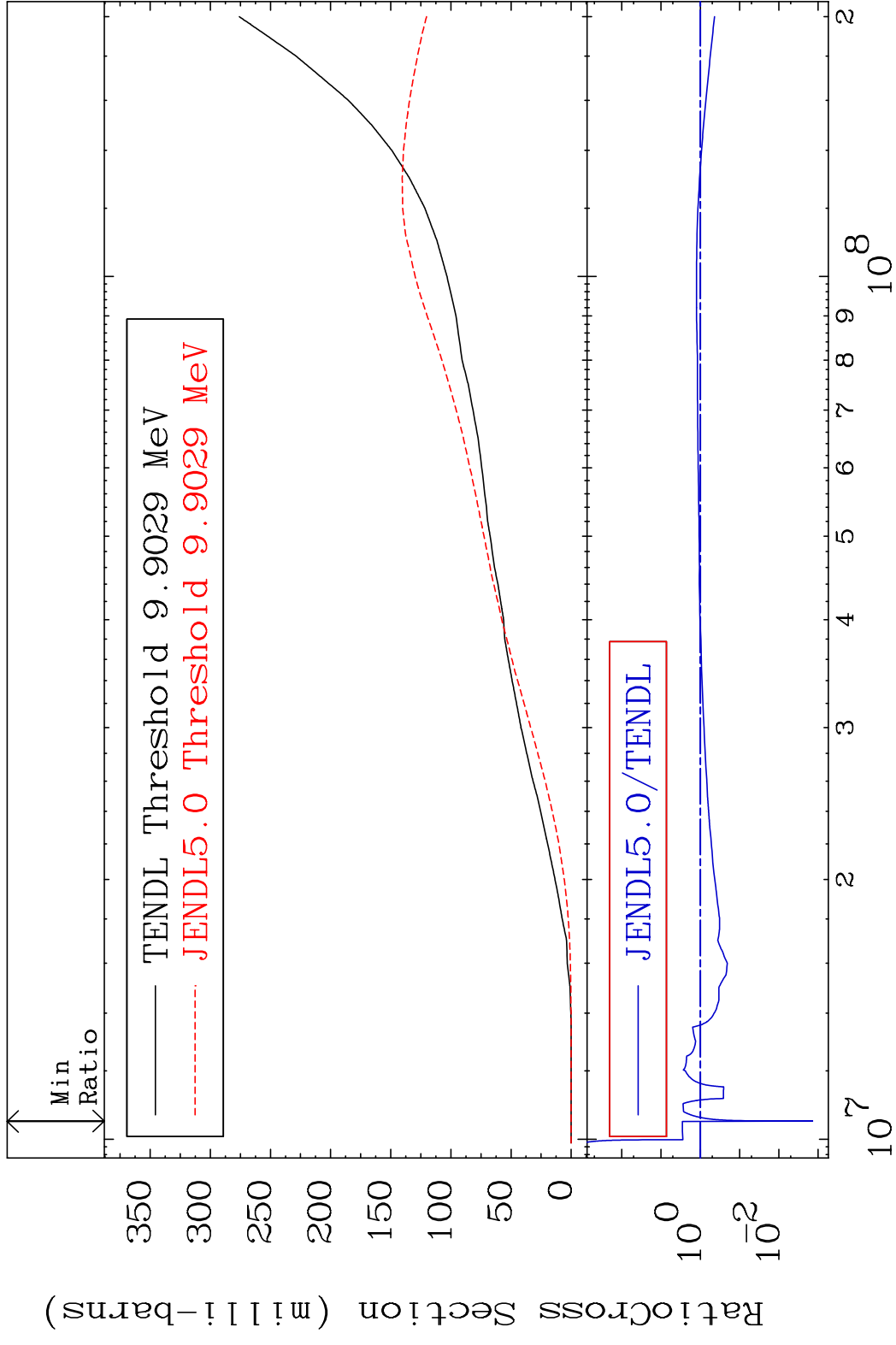


MAT 2637

Deuterium Production

<sup>26</sup>Fe-58

Cross Section -99.86 To 186.9 %



46

Incident Energy (eV)

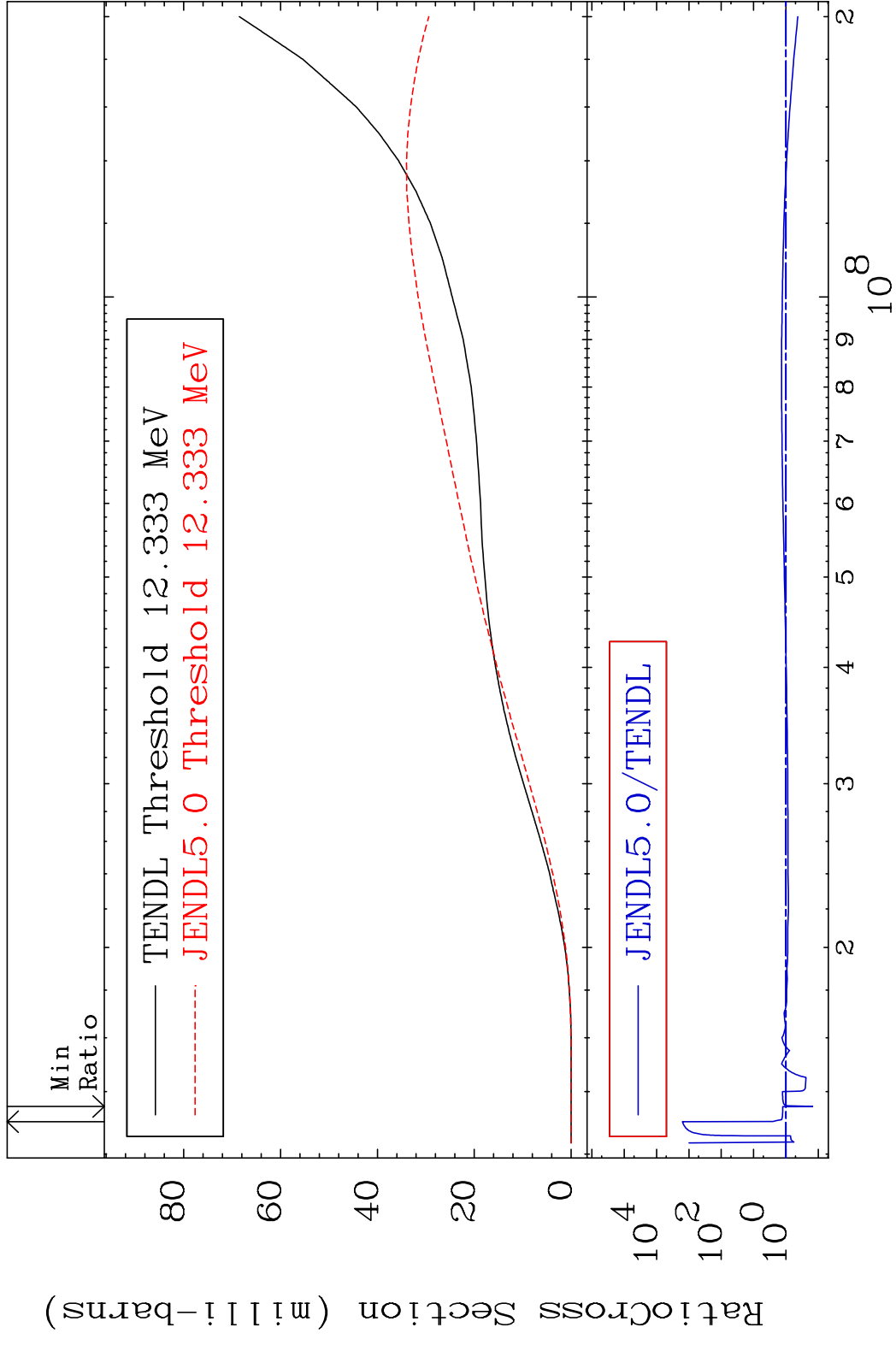
<sup>26</sup>Fe-58

MAT 2637

Tritium Production

<sup>26</sup>Fe-58

Cross Section -85.04 To 9999. %



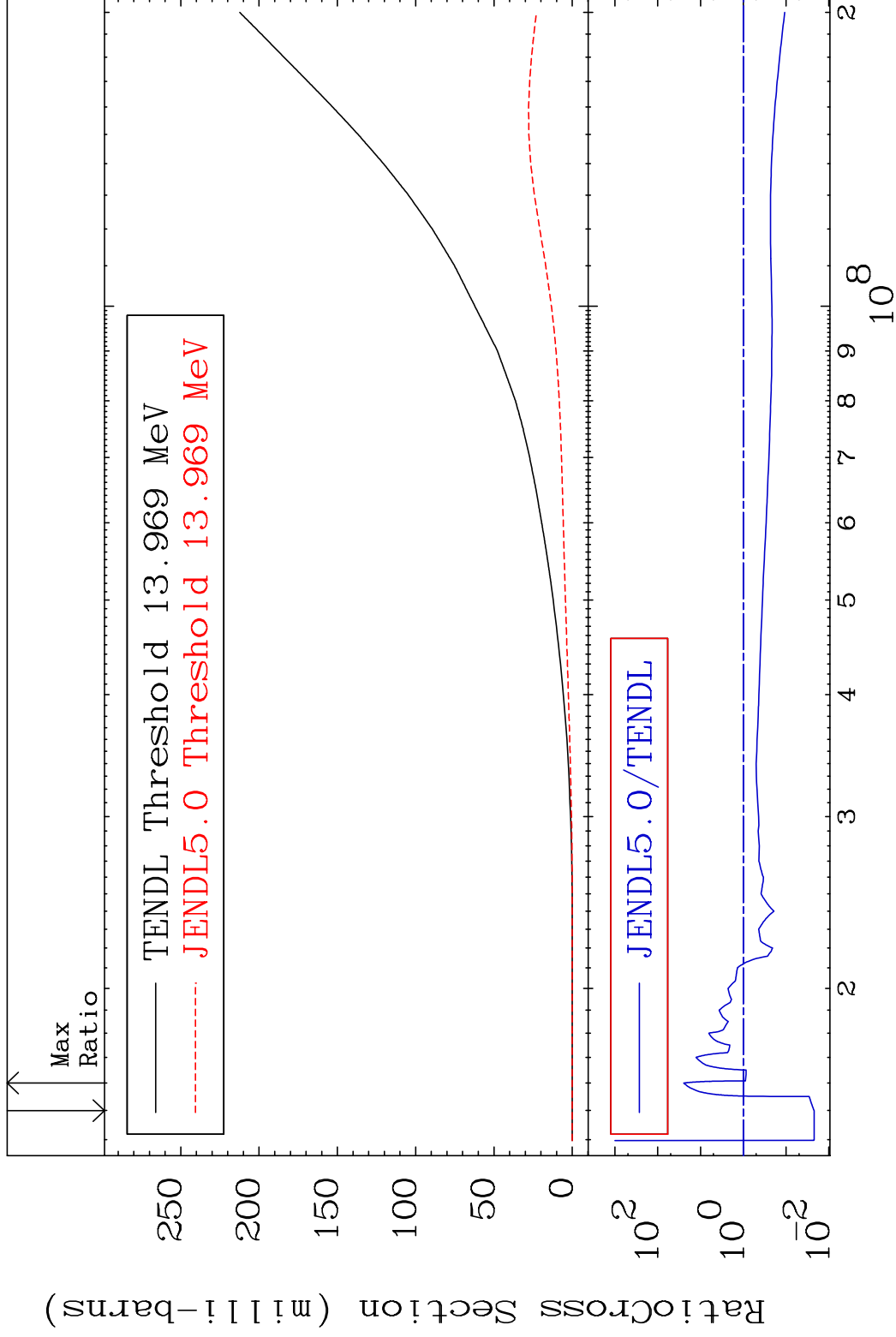


MAT 2637

He-3 Production

<sup>26</sup>Fe-58

Cross Section -97.78 To 2378. %



48

Incident Energy (eV)

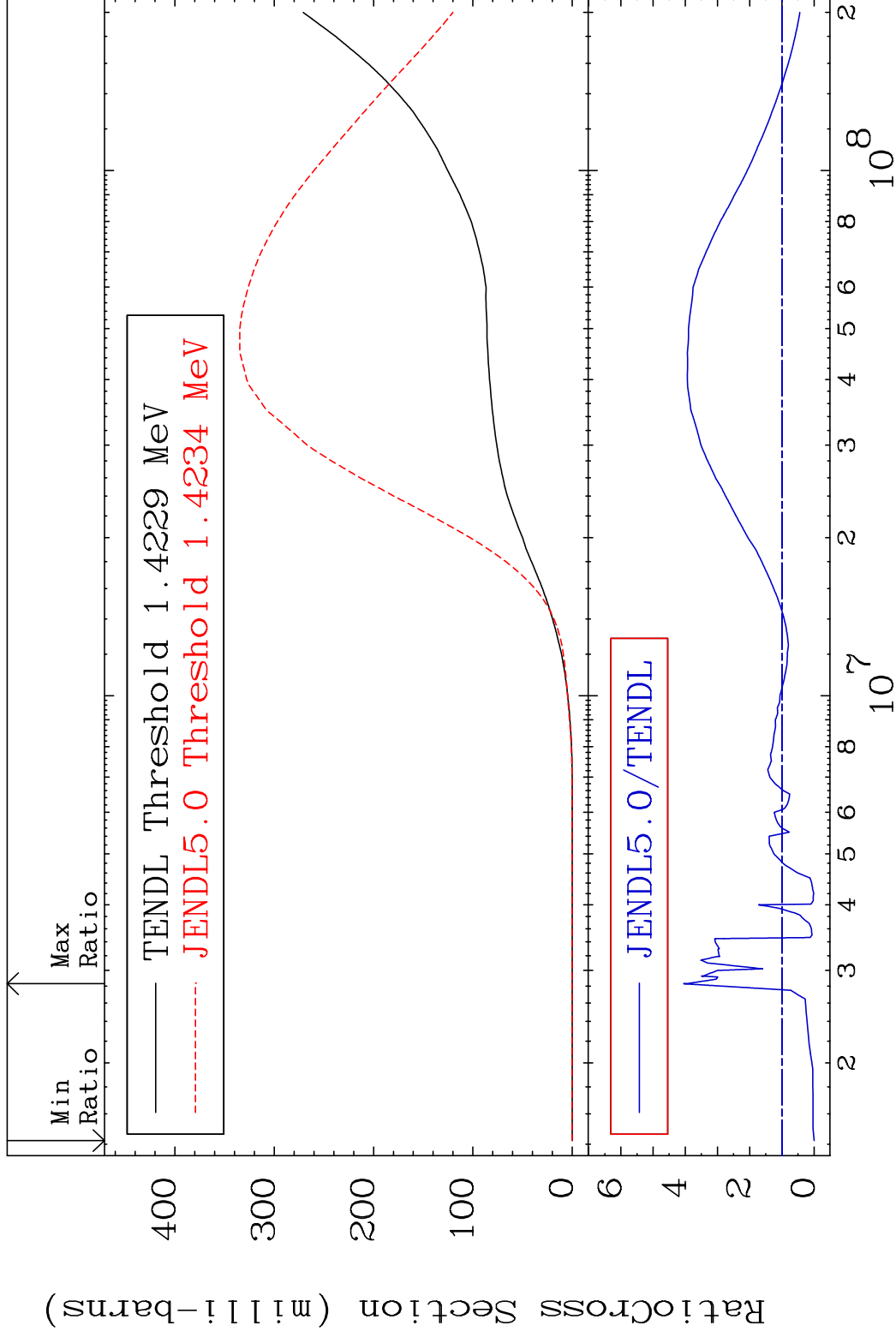
<sup>26</sup>Fe-58

MAT 2637

He-4 Production

<sup>26</sup>Fe-58

Cross Section -100.0 To 305.0 %

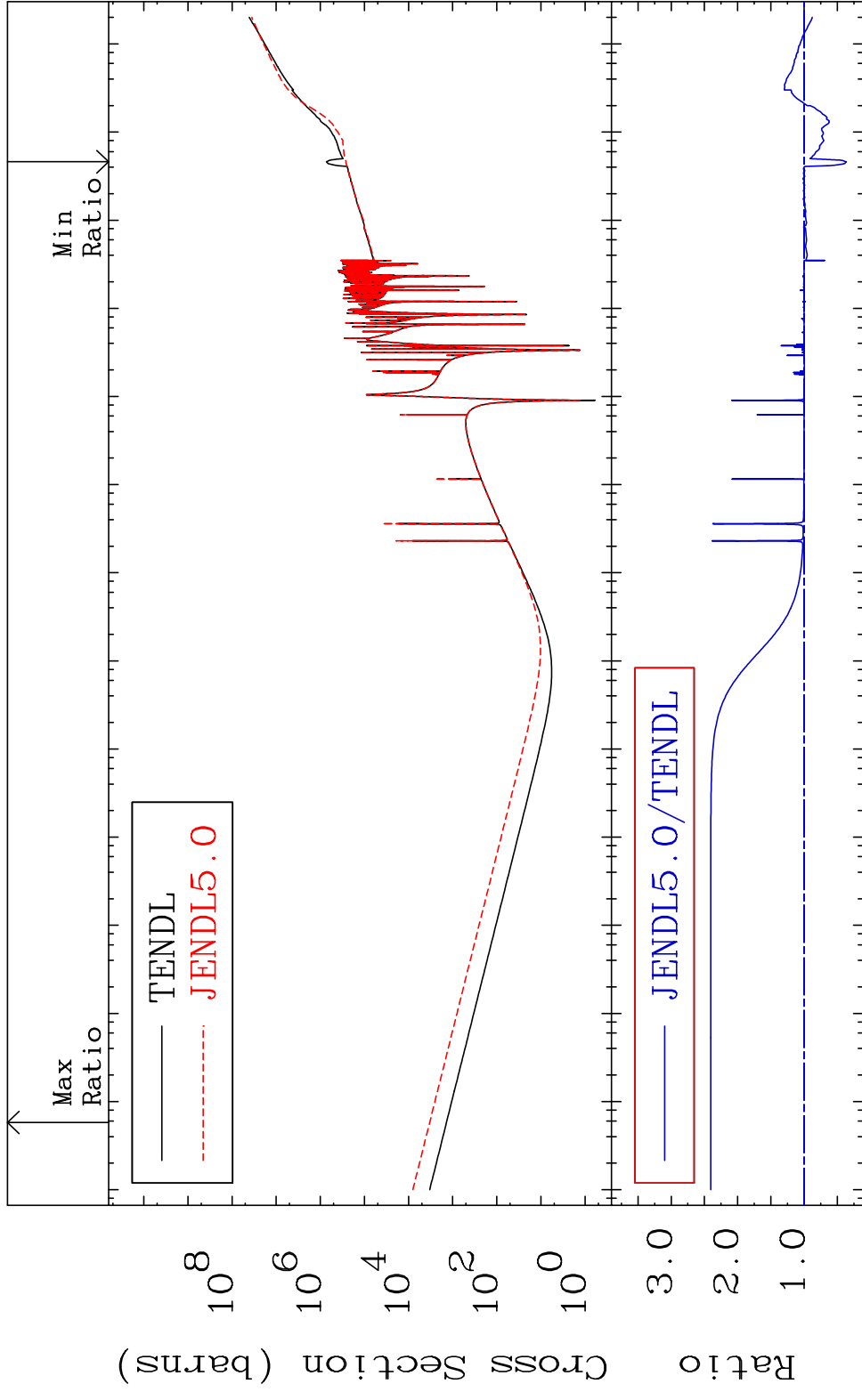


49

Incident Energy (eV)

<sup>26</sup>Fe-58

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



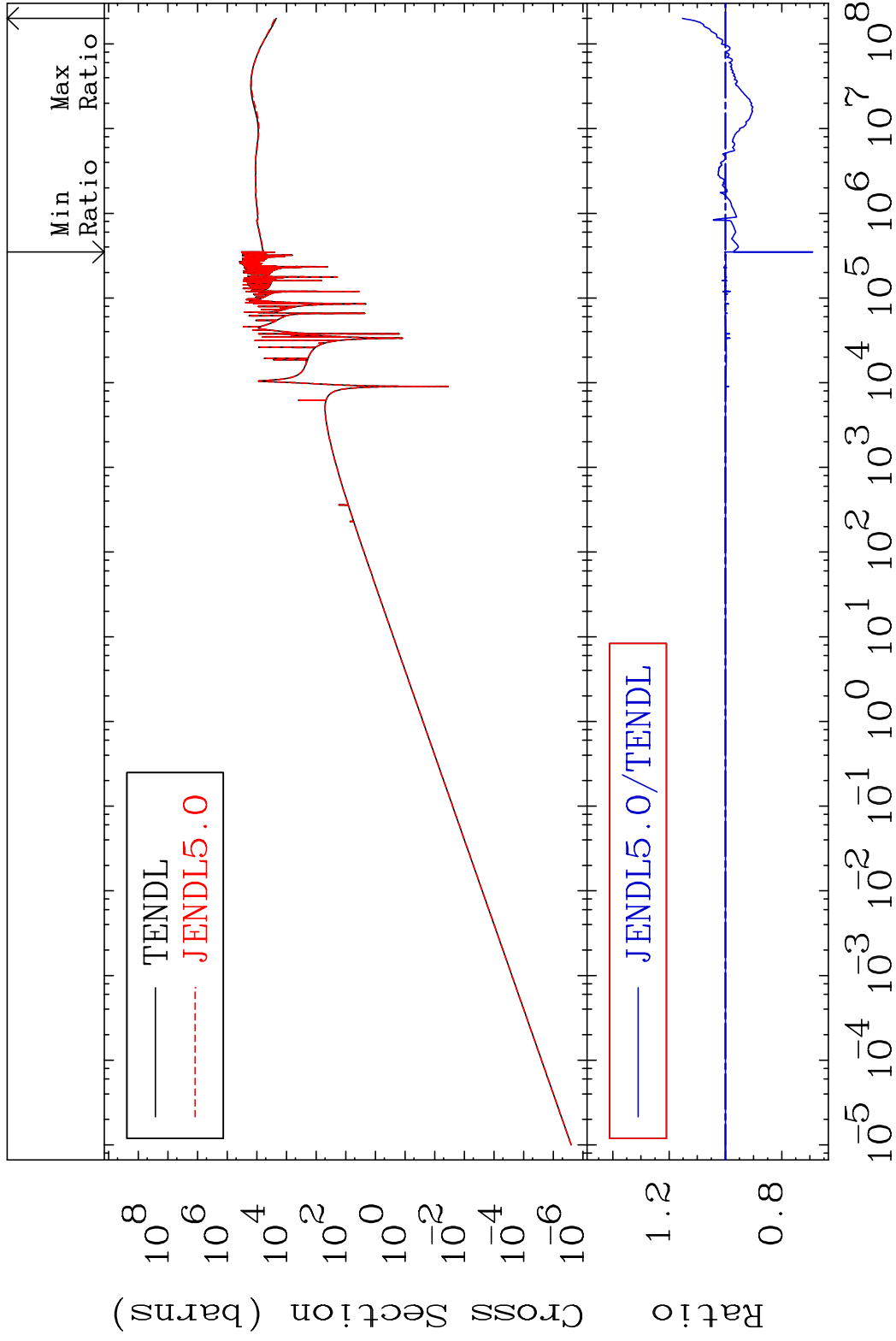
50 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic

26-Fe-58

Cross Section -30.94 To 15.28 %

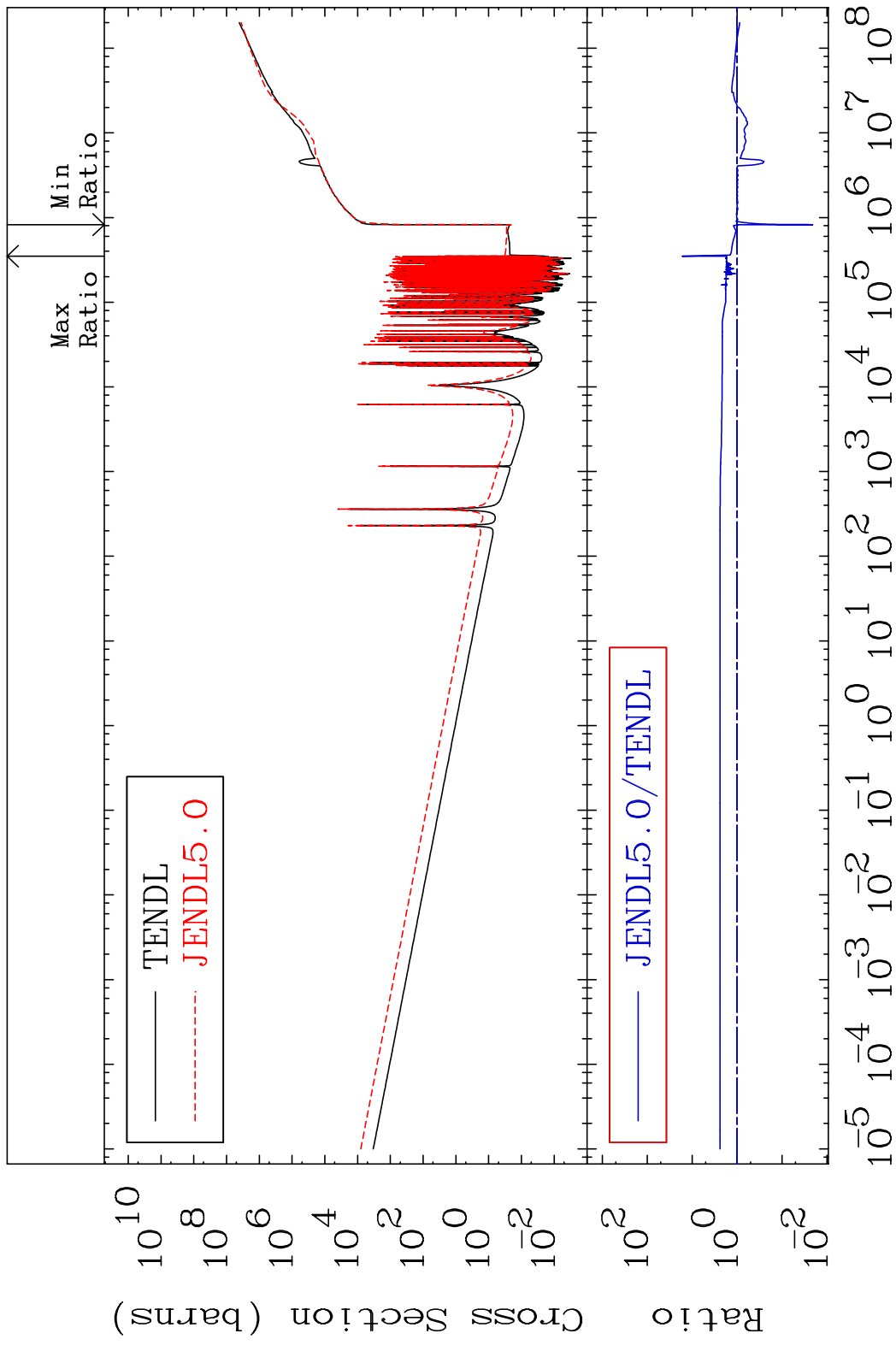


51

Incident Energy (eV)

26-Fe-58

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

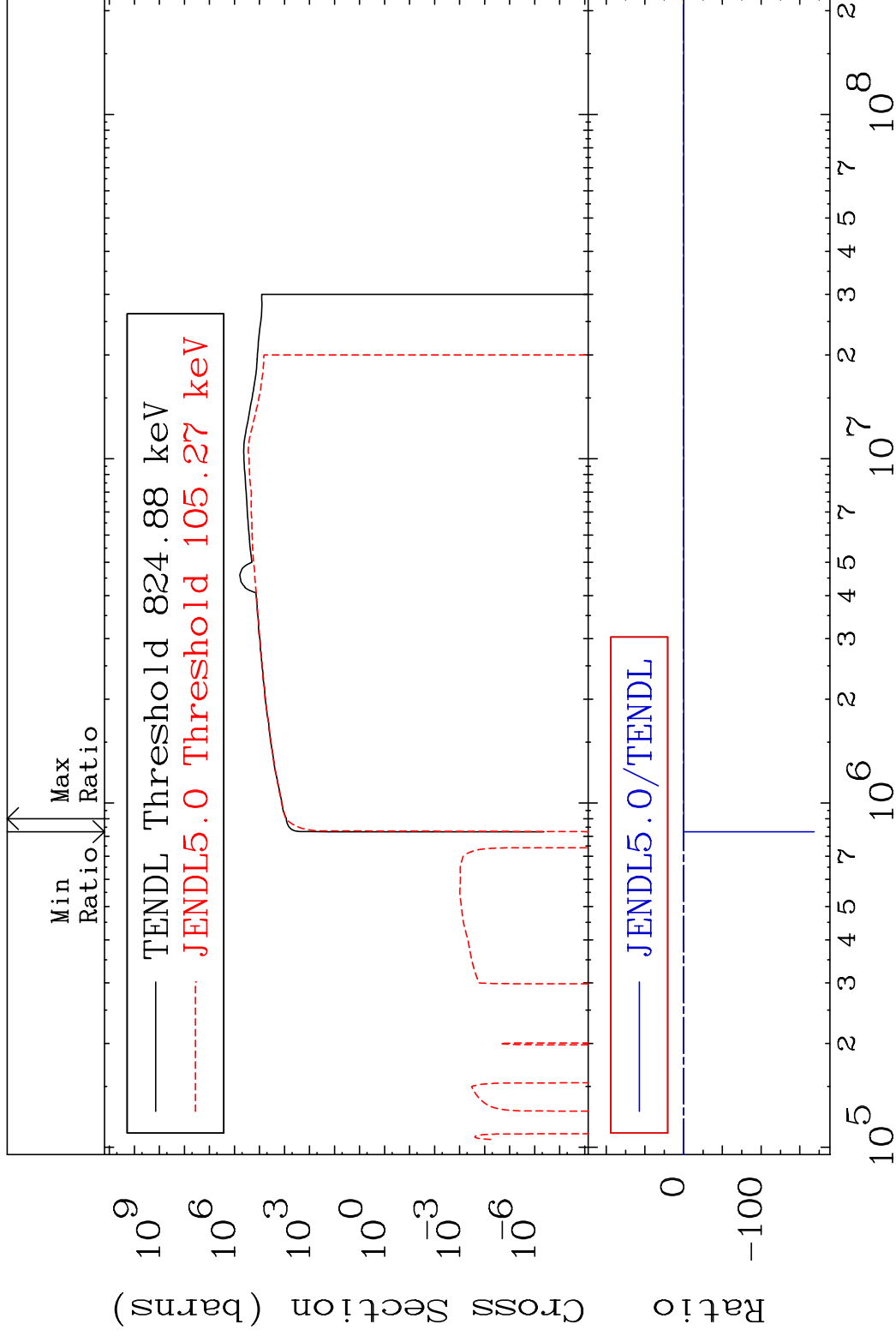


52 Incident Energy (eV) 26-Fe-58

MAT 2637

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

Cross Section -9999. To 6.059 %

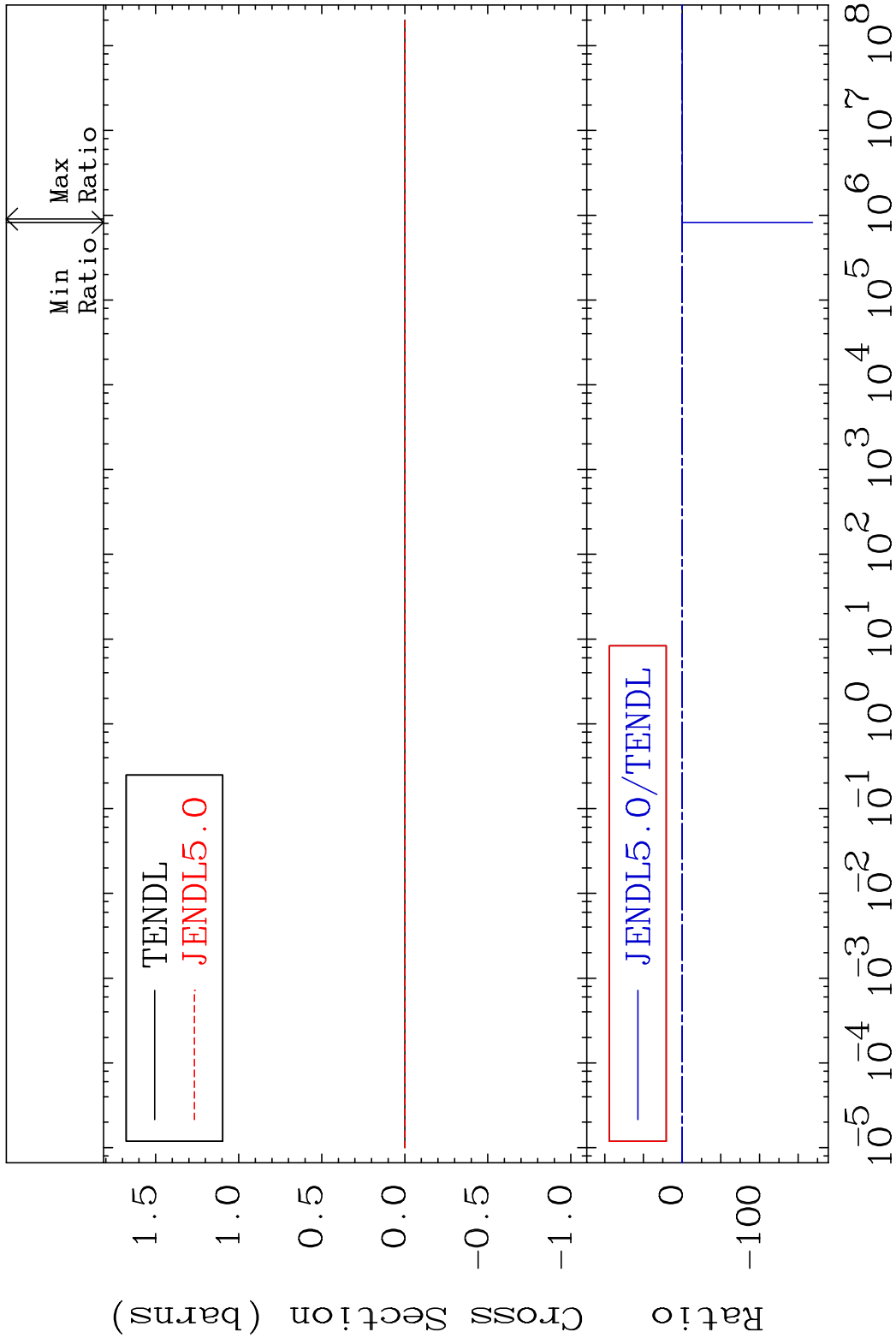


53

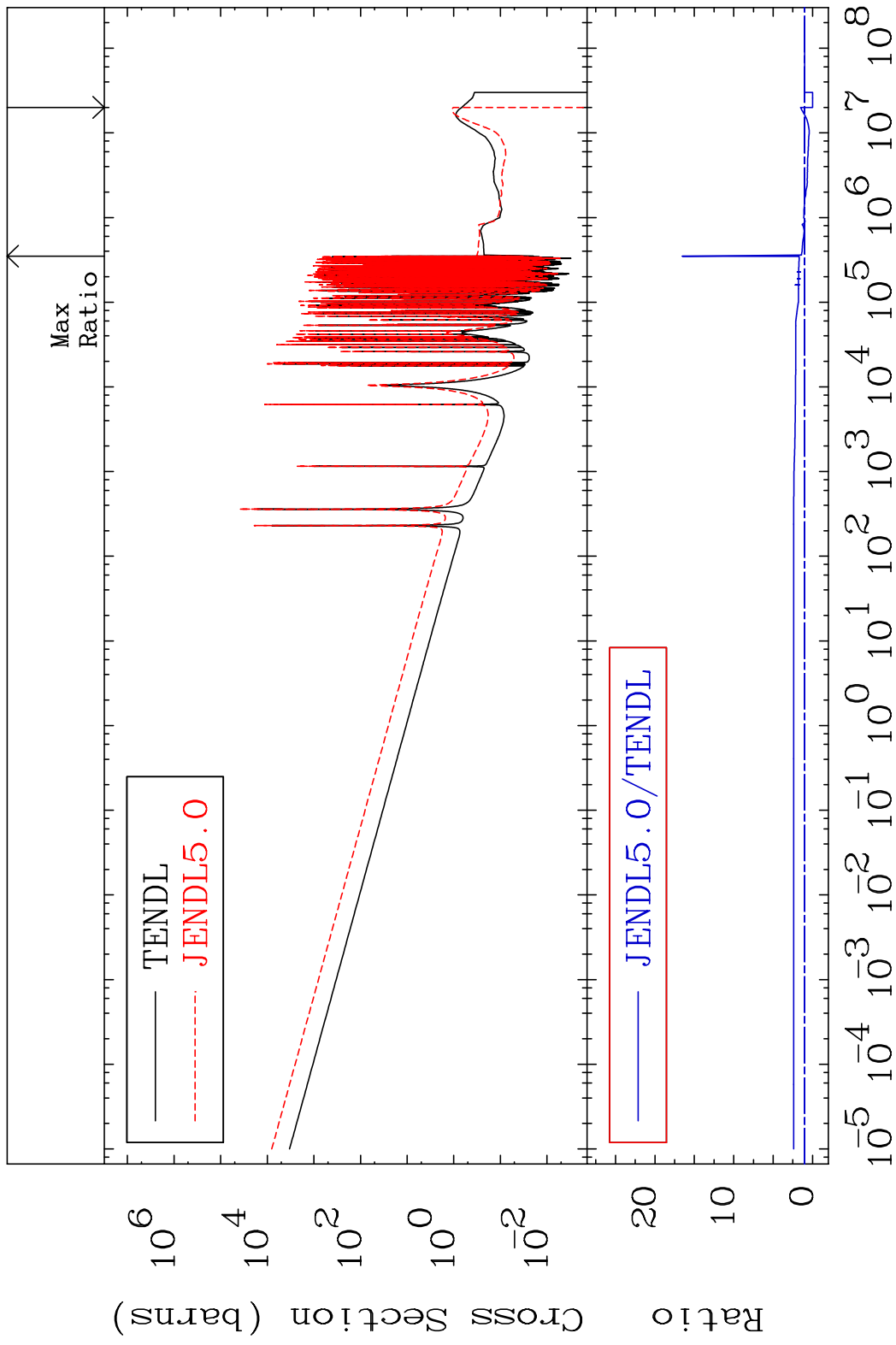
Incident Energy (eV)

26-Fe-58

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



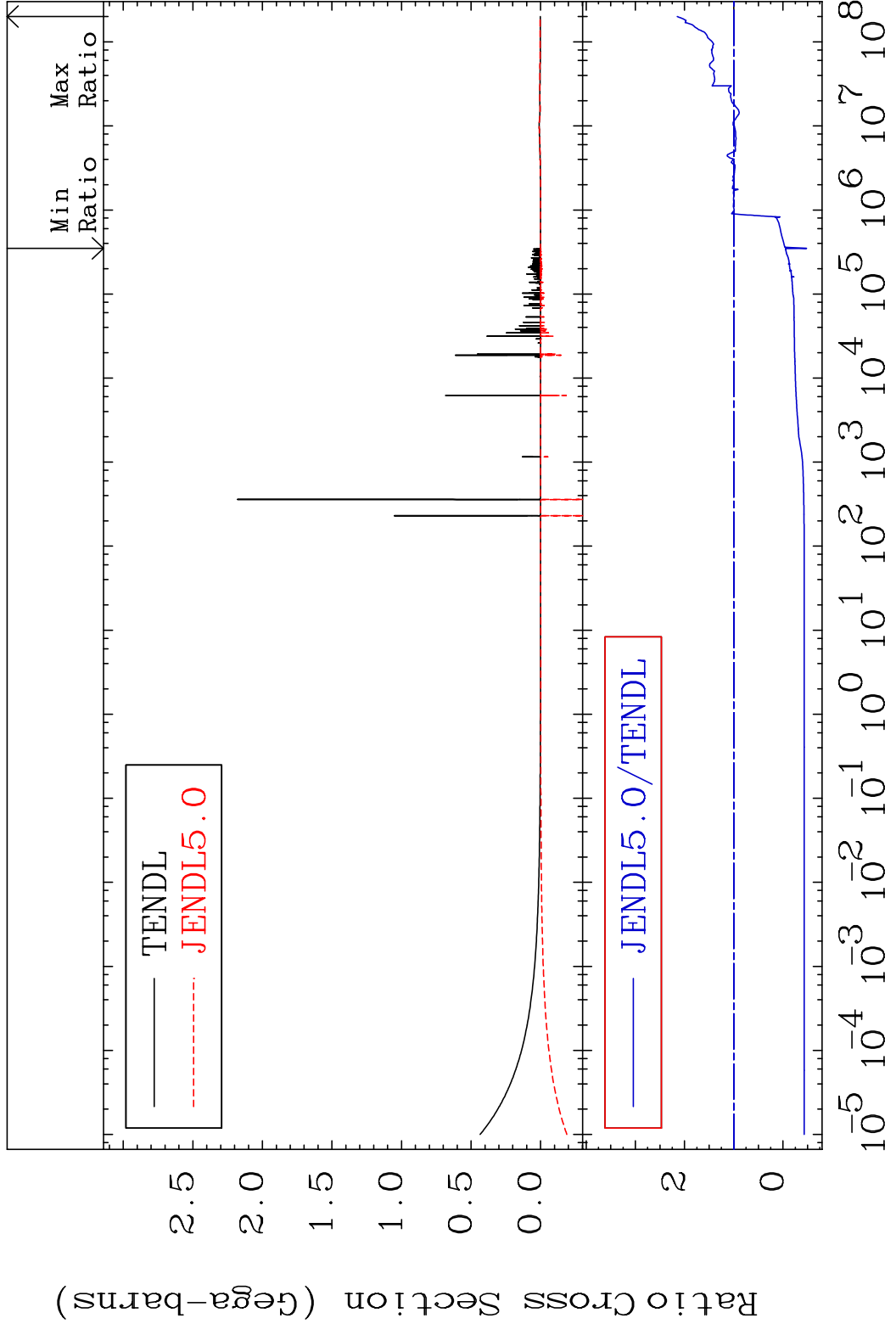
MAT 2637 Kerma capture (mt102) 26-Fe-58  
 Cross Section -100.0 To 1552. %



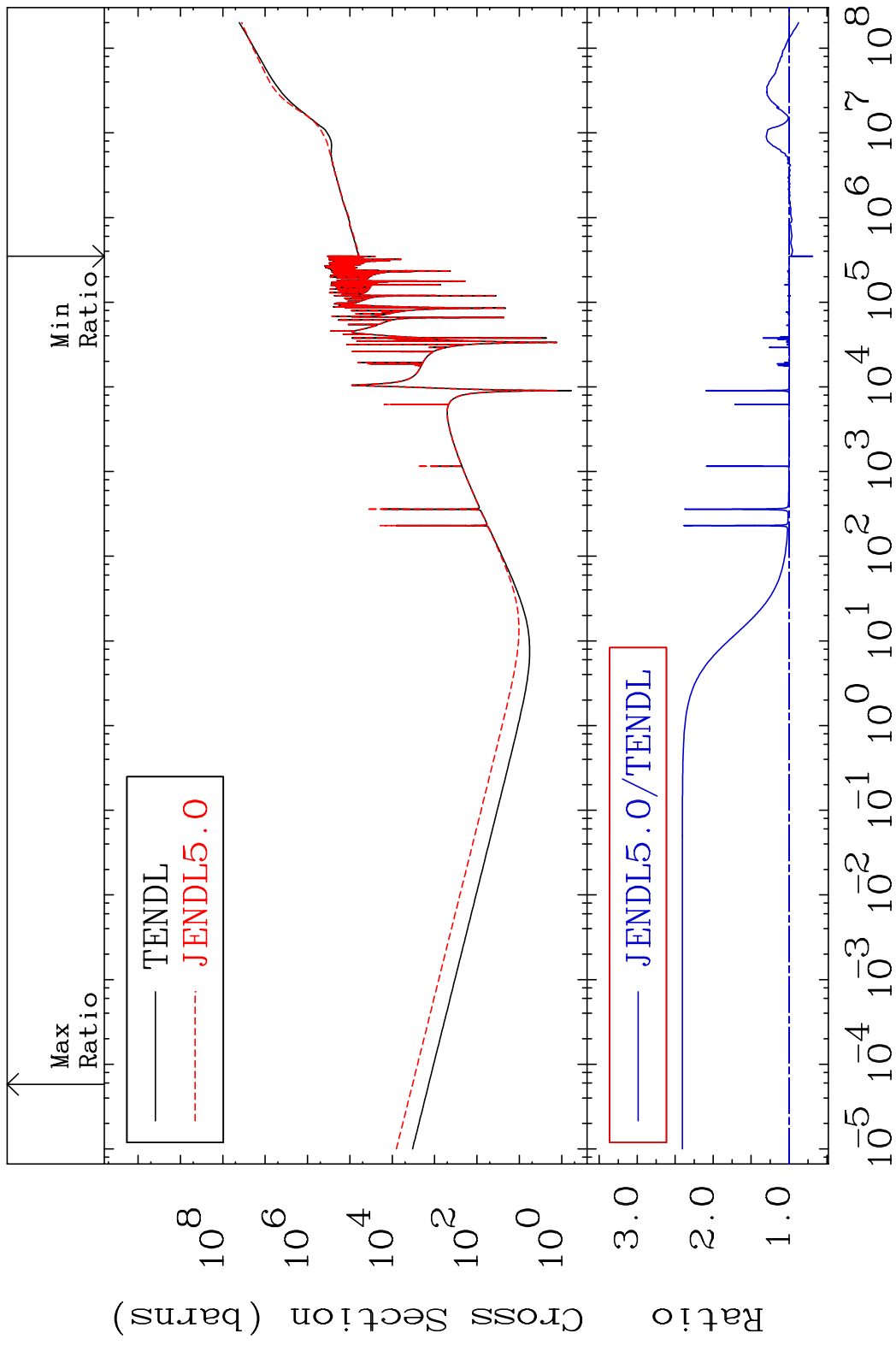
55 Incident Energy (eV) 26-Fe-58



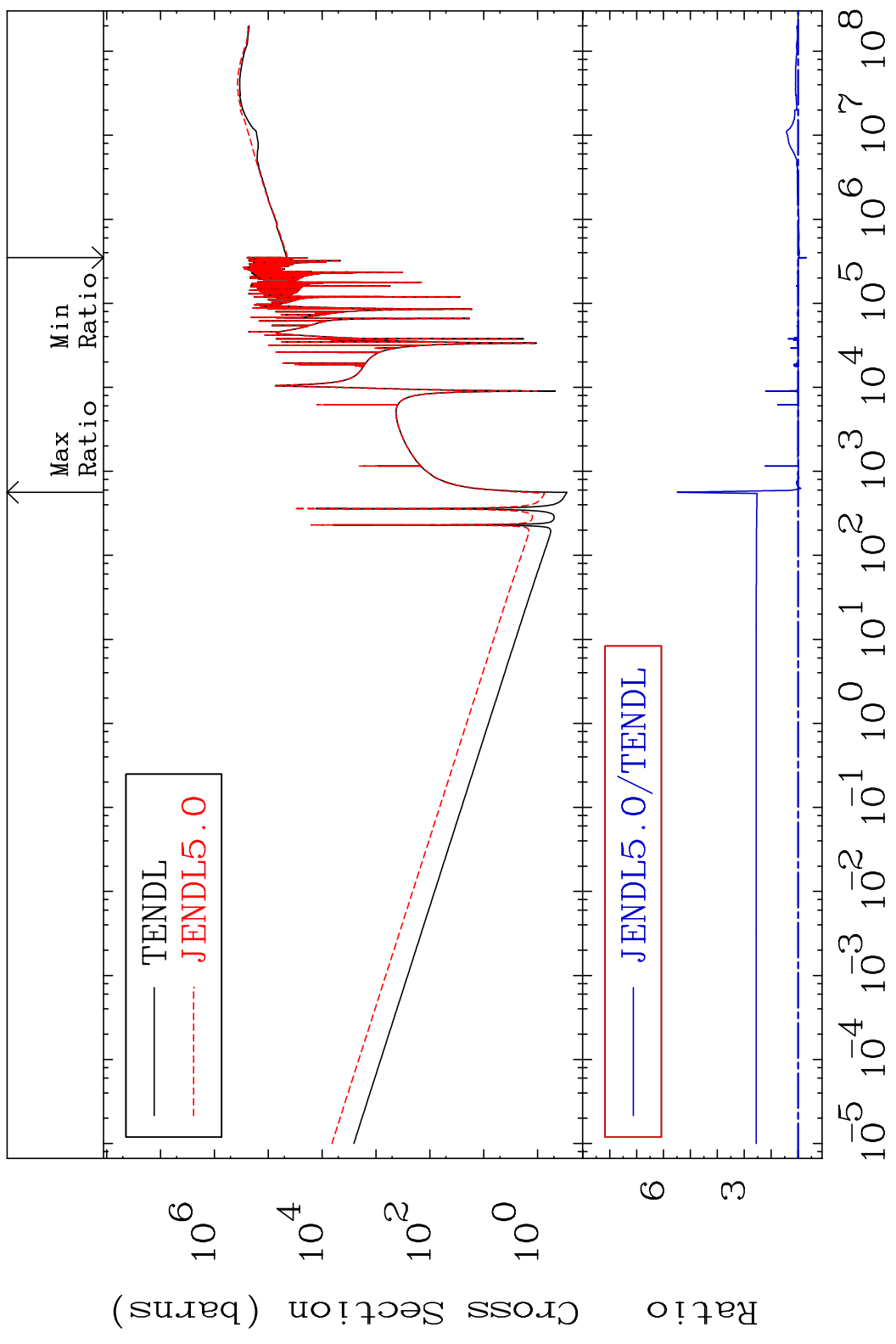
MAT 2637 Total photon (eV-barns) 26-Fe-58  
Cross Section -147.6 To 115.0 %



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

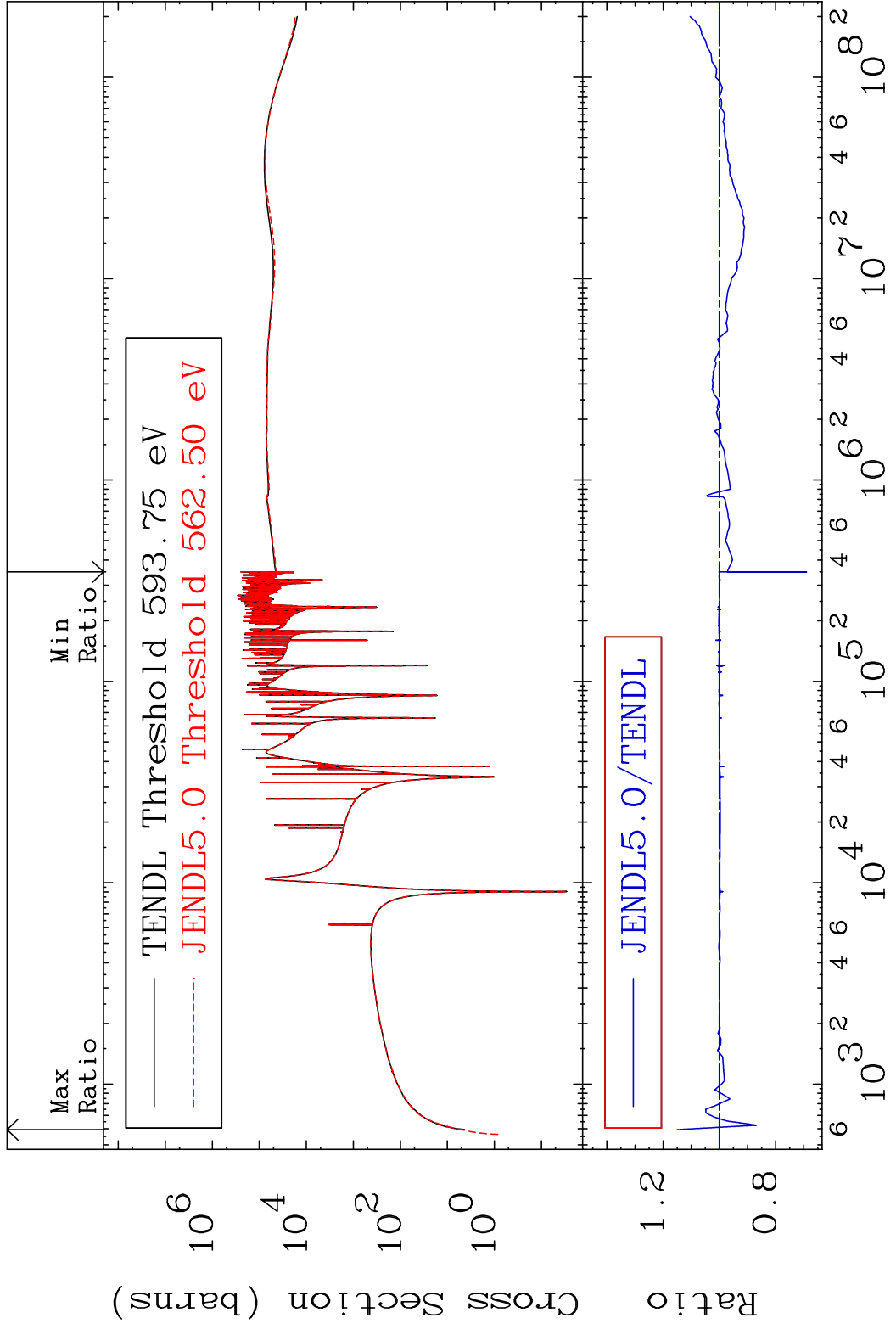


MAT 2637 Dpa total (eV-barns) 26-Fe-58  
 Cross Section -30.95 To 449.2 %



58 Incident Energy (eV) 26-Fe-58

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

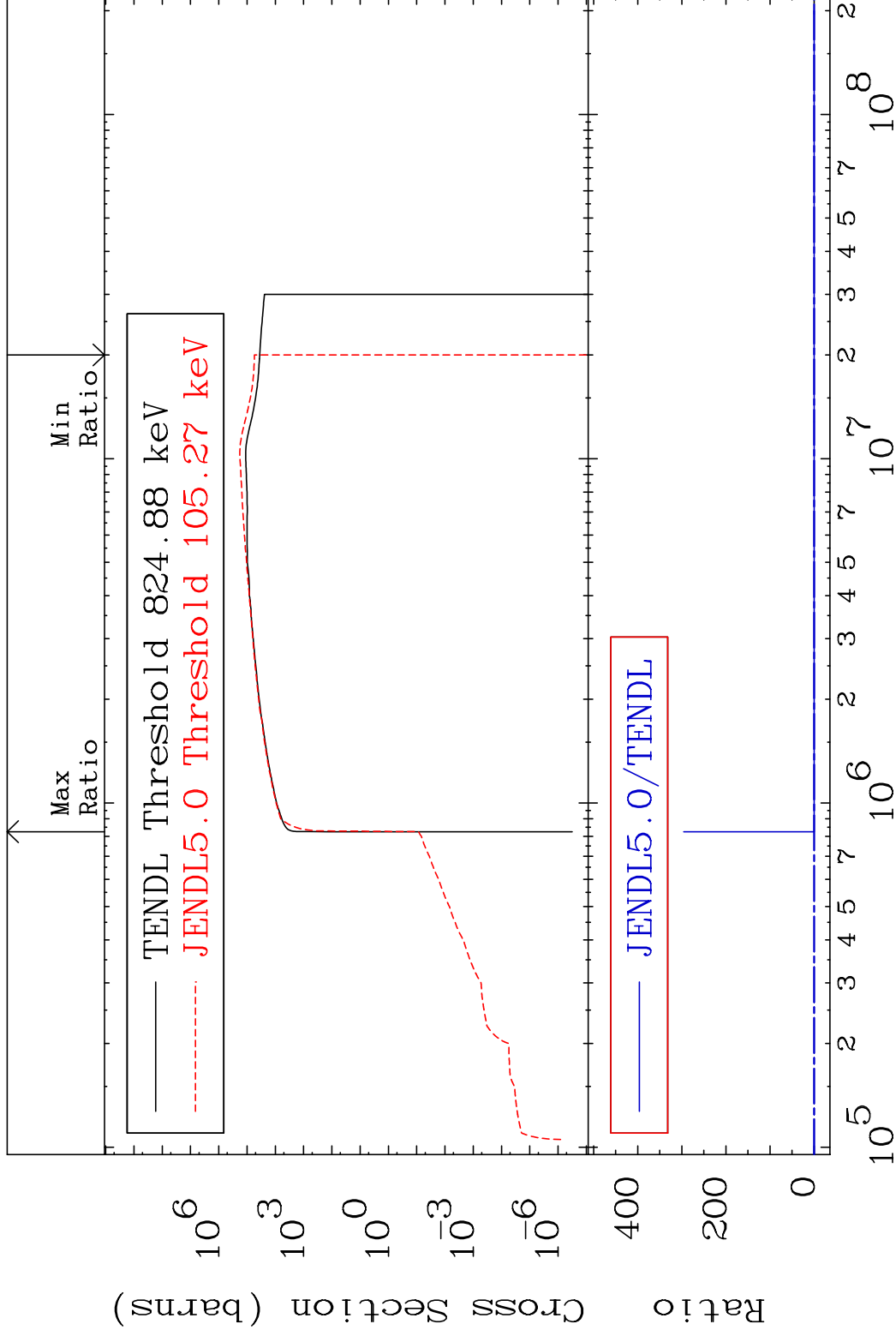


MAT 2637

Dpa inelastic (mt51-91)

26-Fe-58

Cross Section -100.0 To 9999. %

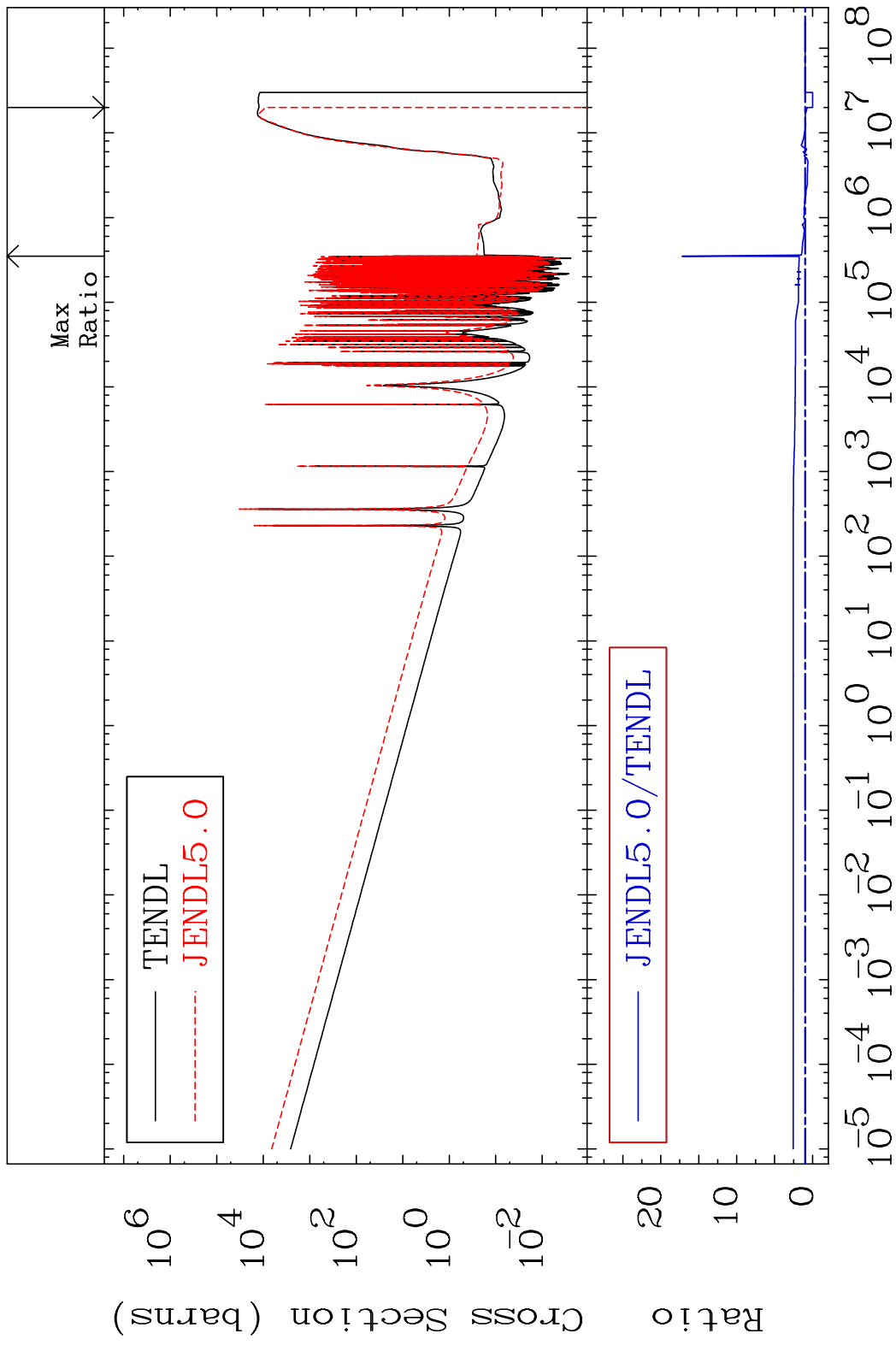


60

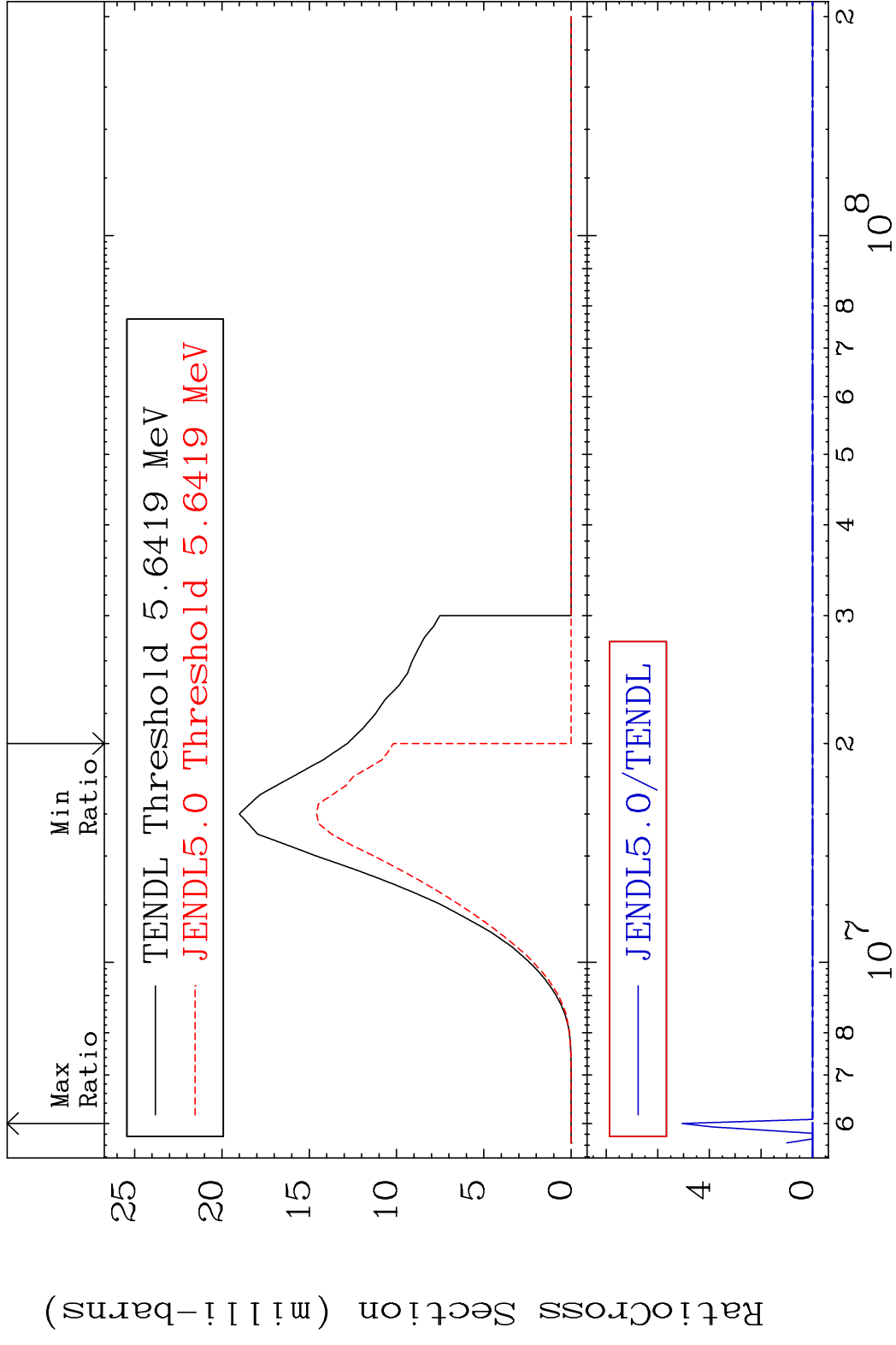
Incident Energy (eV)

26-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. %



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

