

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

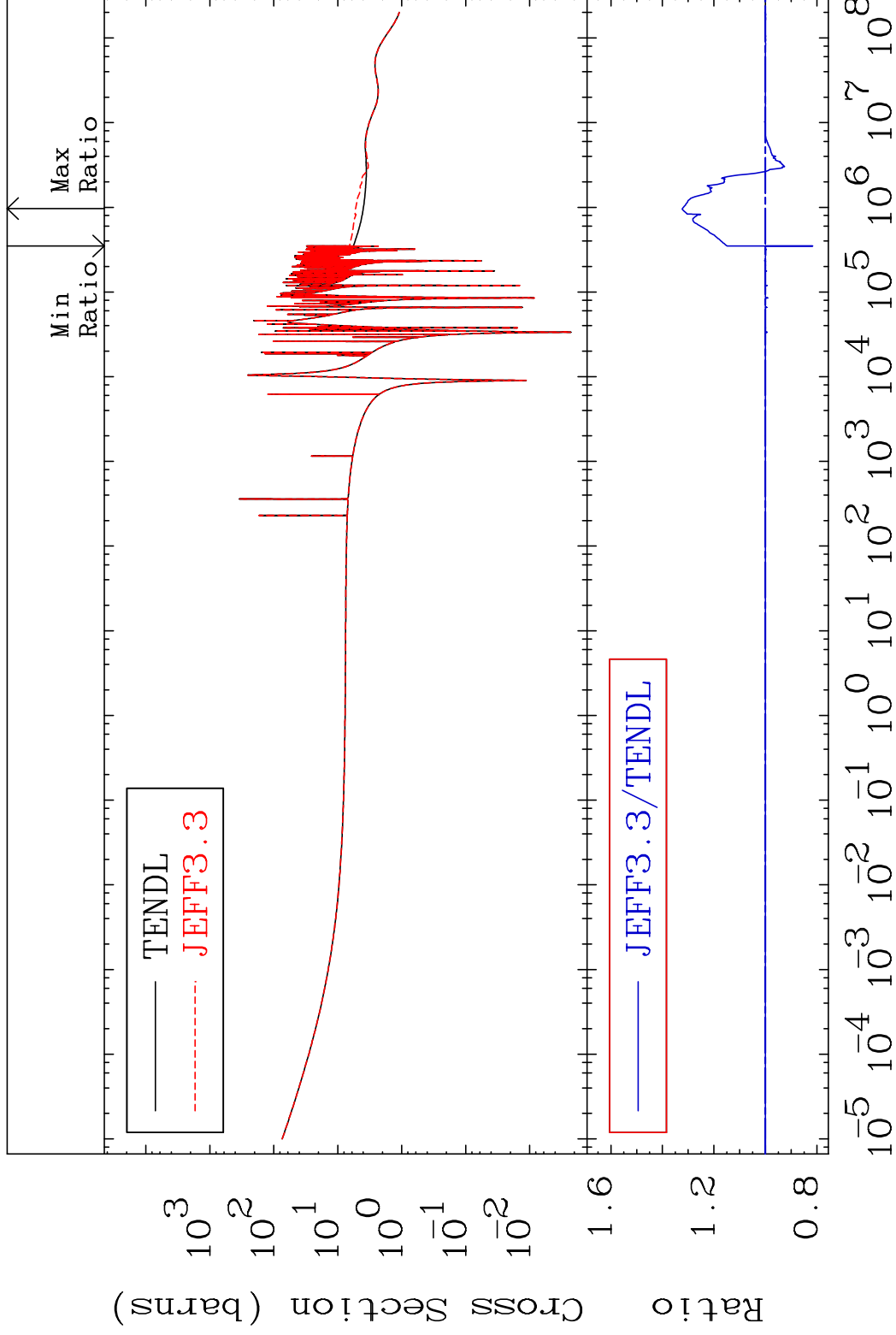
MAT 2637

Total

26-Fe-58

Cross Section

-18.29 To 32.26 %



1

Incident Energy (eV)

26-Fe-58

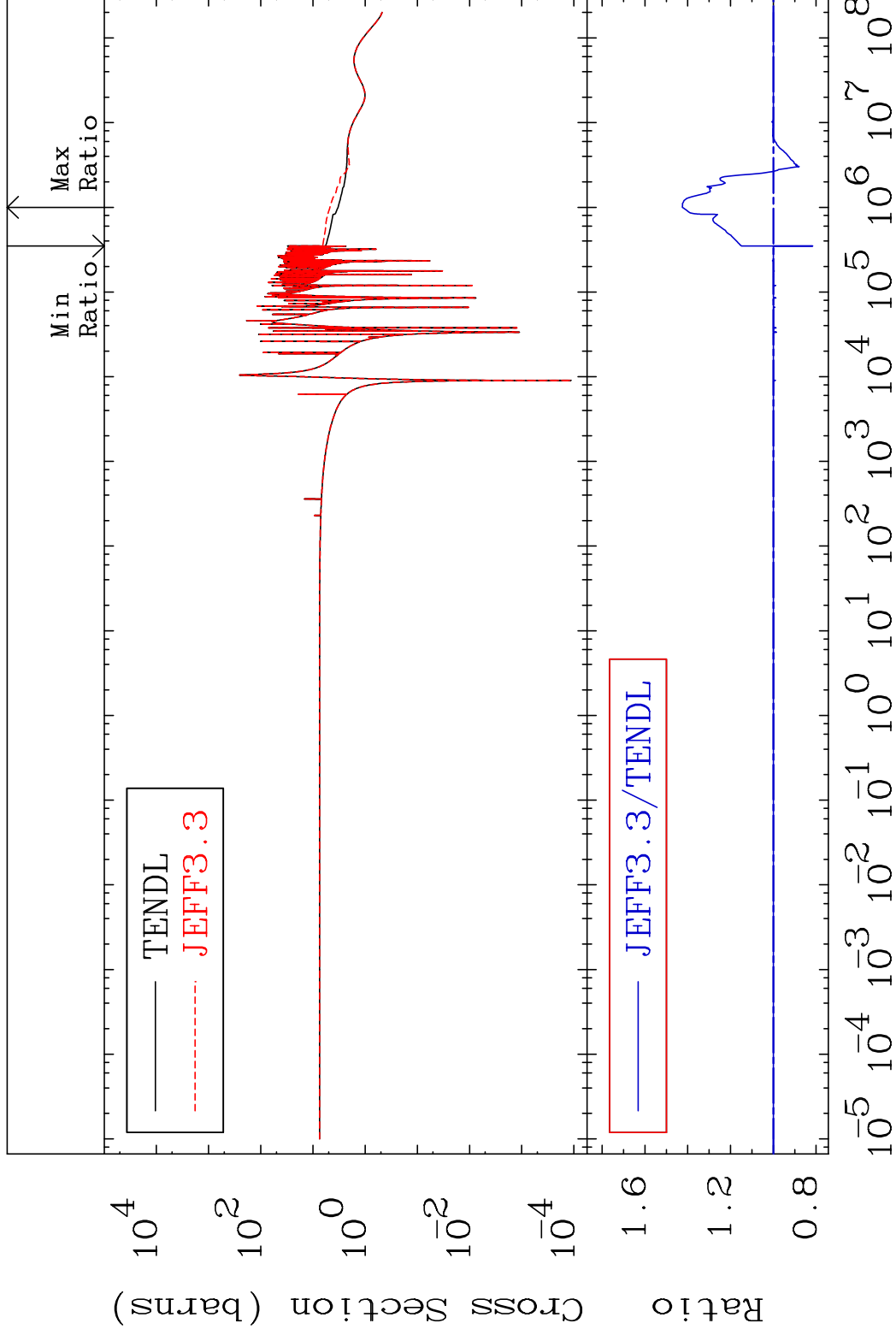
MAT 2637

Elastic

26-Fe-58

Cross Section

-18.34 To 42.52 %



2

Incident Energy (eV)

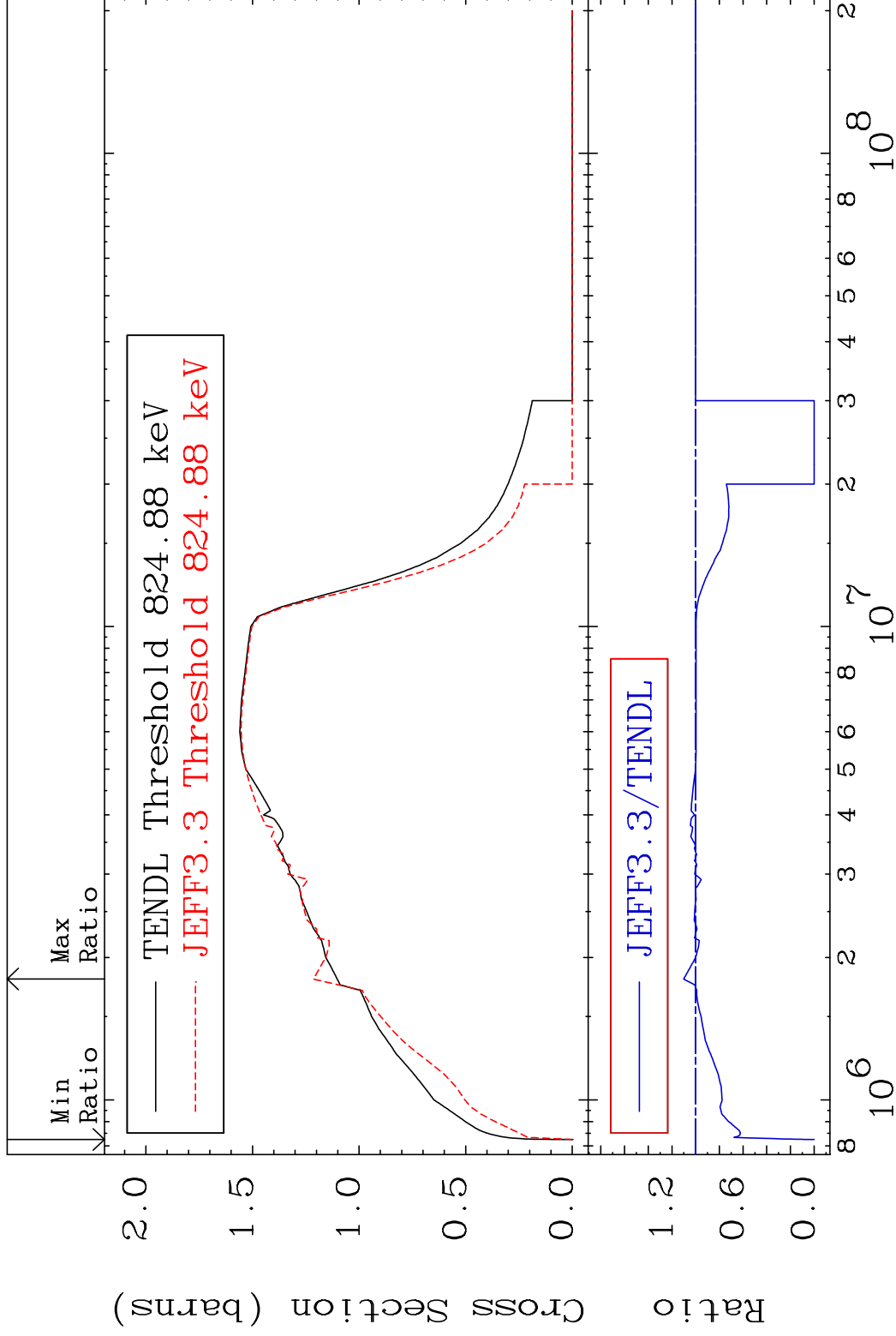
26-Fe-58

MAT 2637

Inelastic

<sup>26</sup>Fe-58

Cross Section -100.0 To 10.11 %



3

Incident Energy (eV)

<sup>26</sup>Fe-58

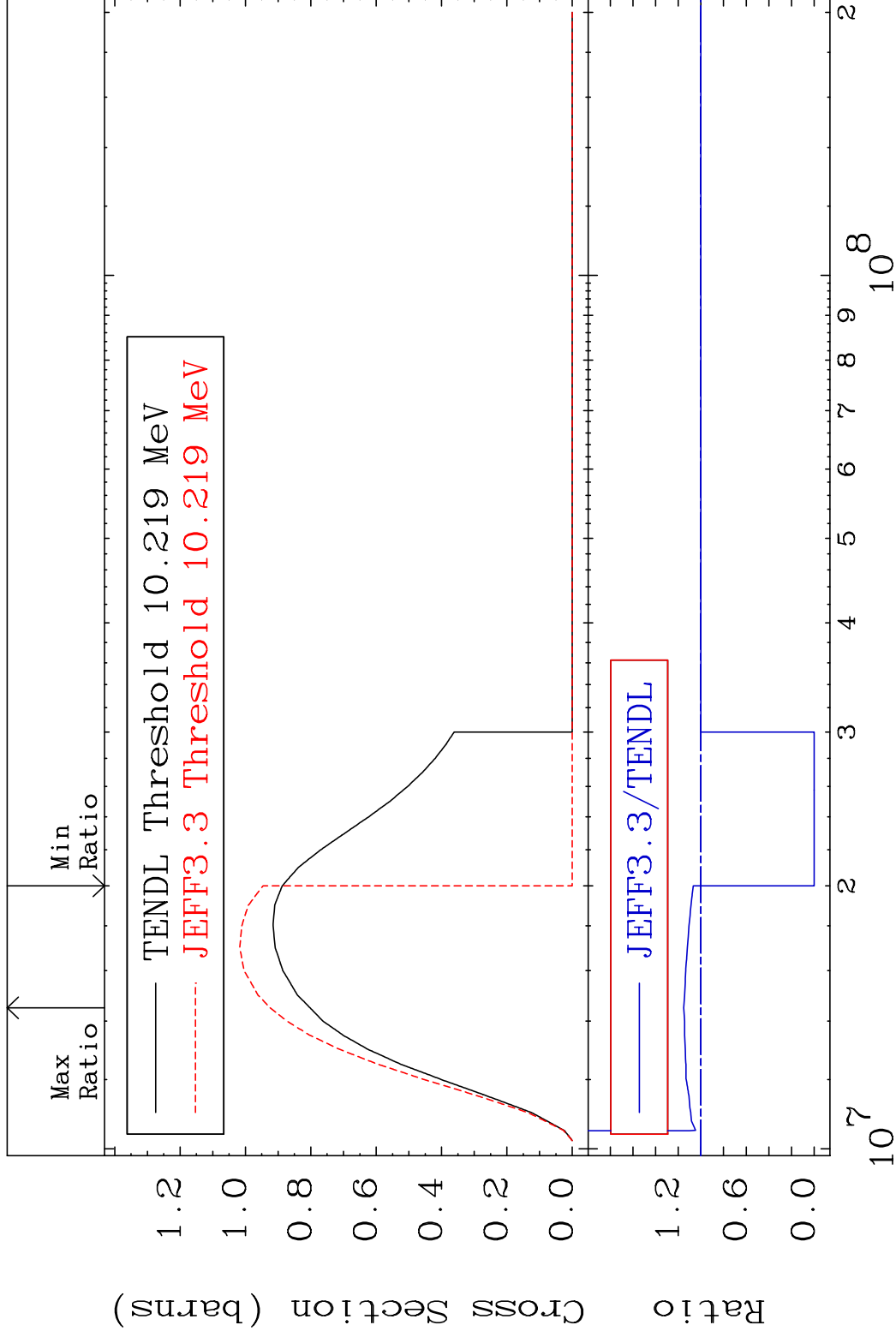


MAT 2637

(n,2n)

<sup>26</sup>Fe-58

Cross Section -100.0 To 15.24 %

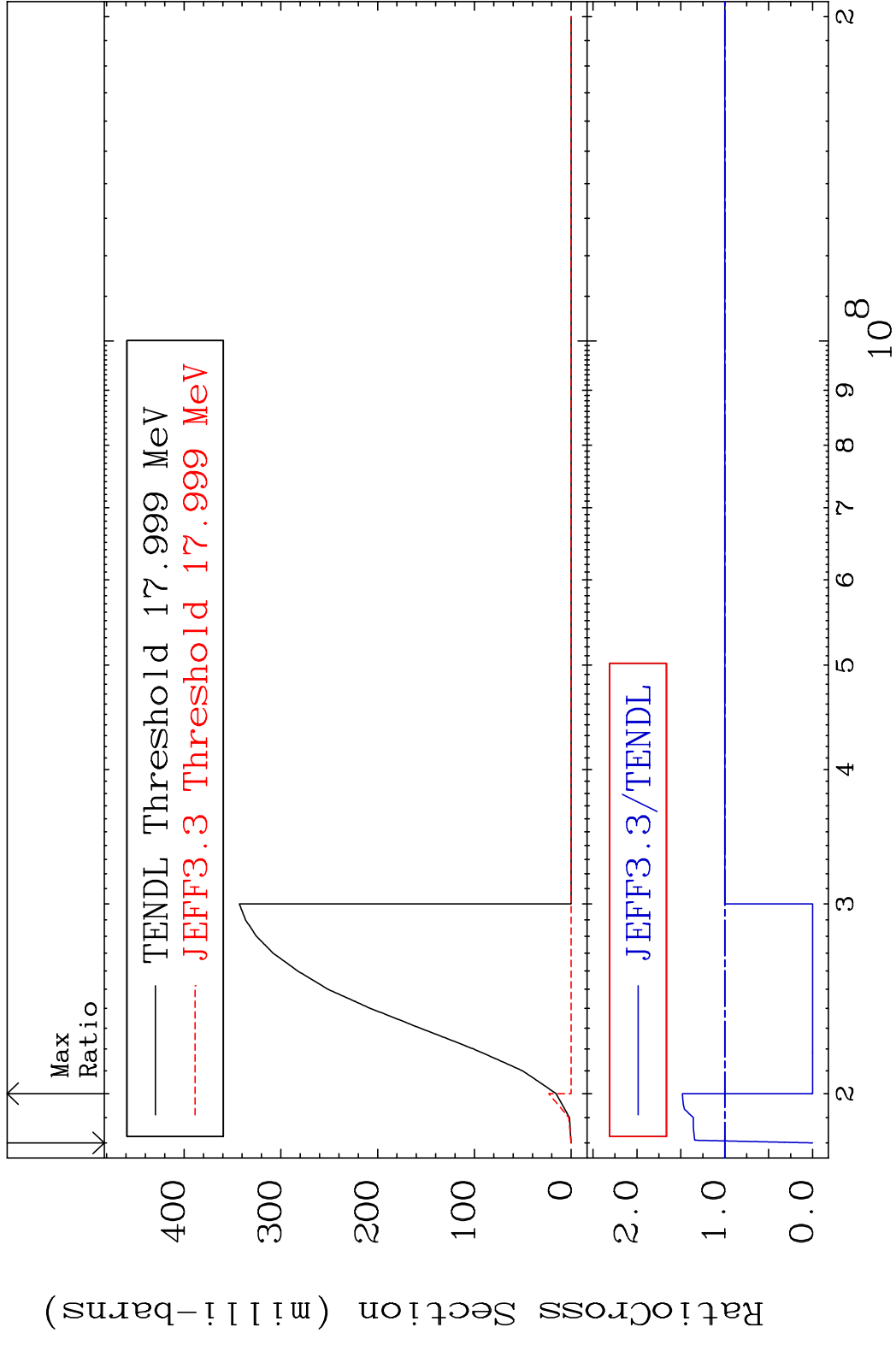


5

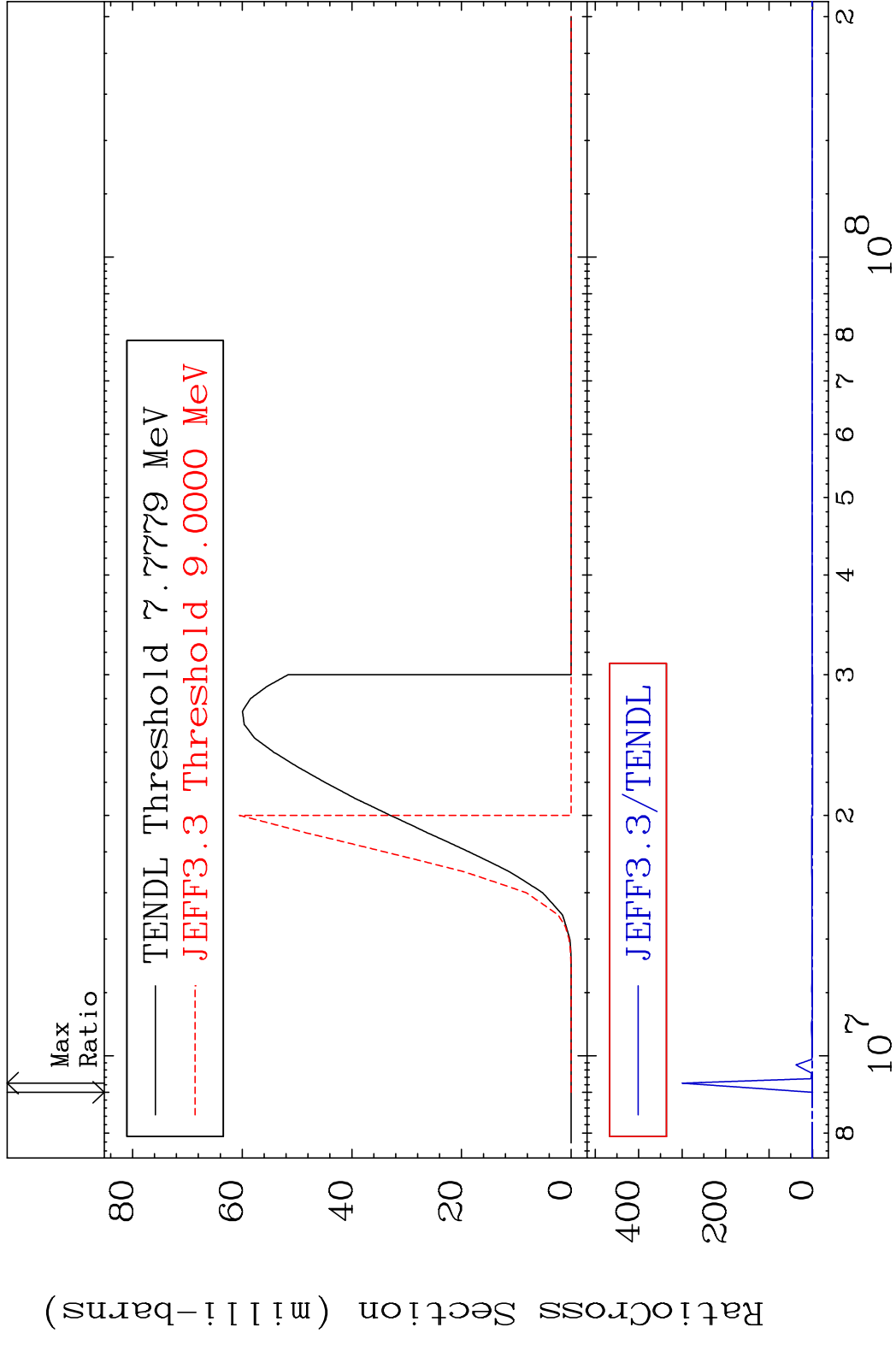
Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 (n,3n) 26-Fe-58  
 Cross Section -100.0 To 48.29 %



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



7 Incident Energy (eV)  $^{26}\text{Fe-58}$

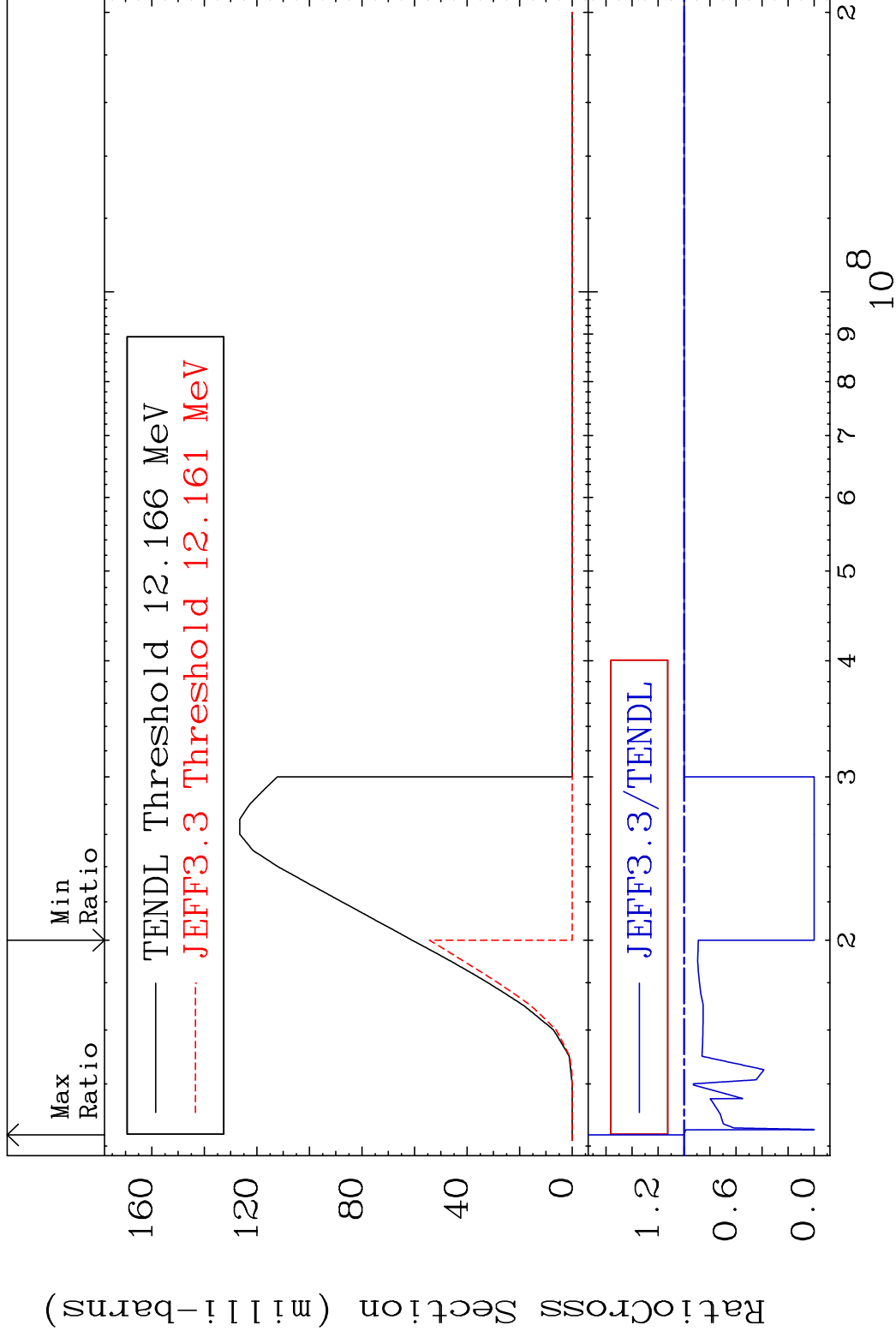


MAT 2637

(n, n') p

<sup>26</sup>Fe-58

Cross Section -100.0 To 0.296 %



8

Incident Energy (eV)

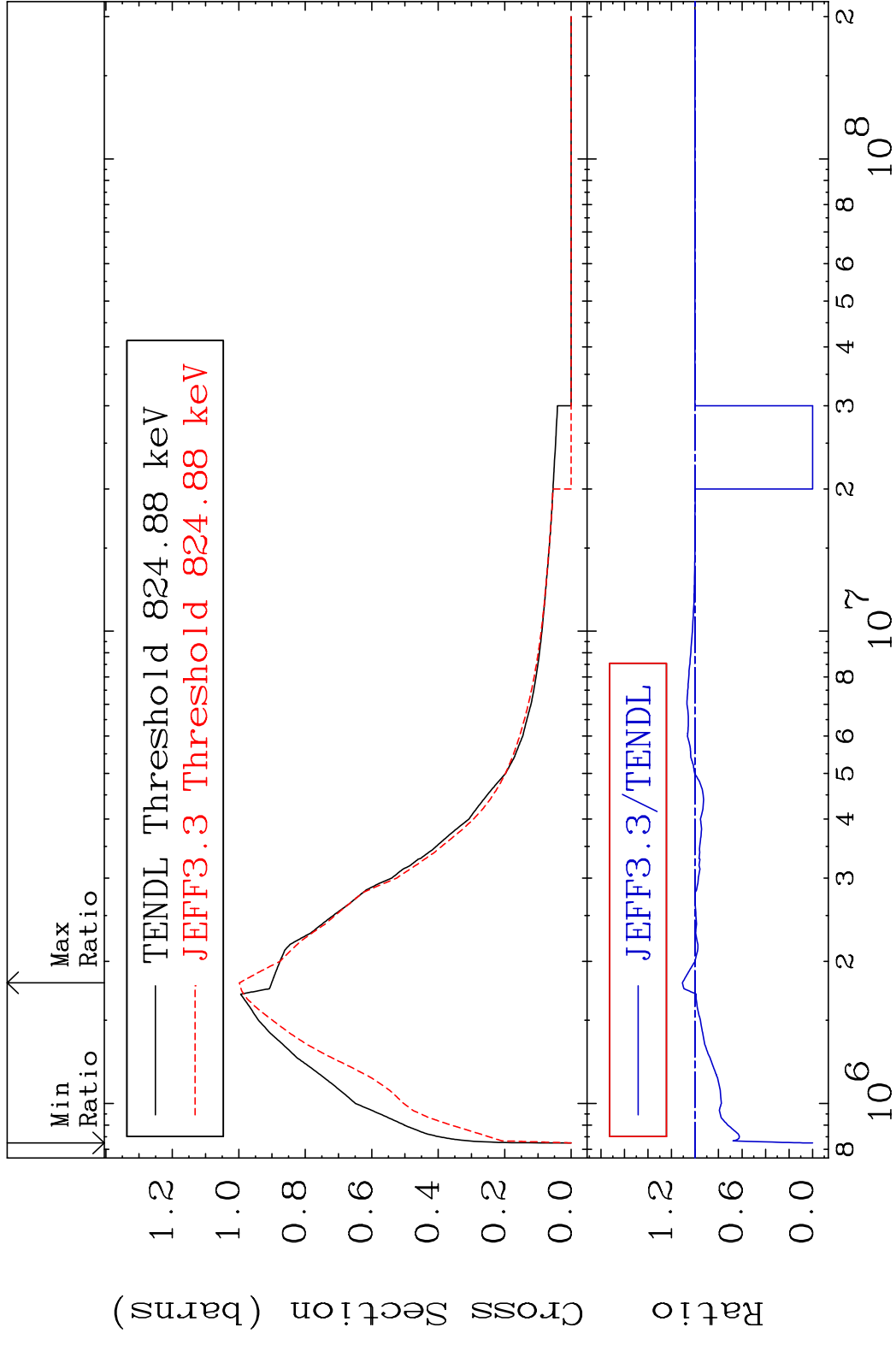
<sup>26</sup>Fe-58

MAT 2637

MT= 51 (n,n') Level

<sup>26</sup>Fe-58

Cross Section -100.0 To 10.78 %

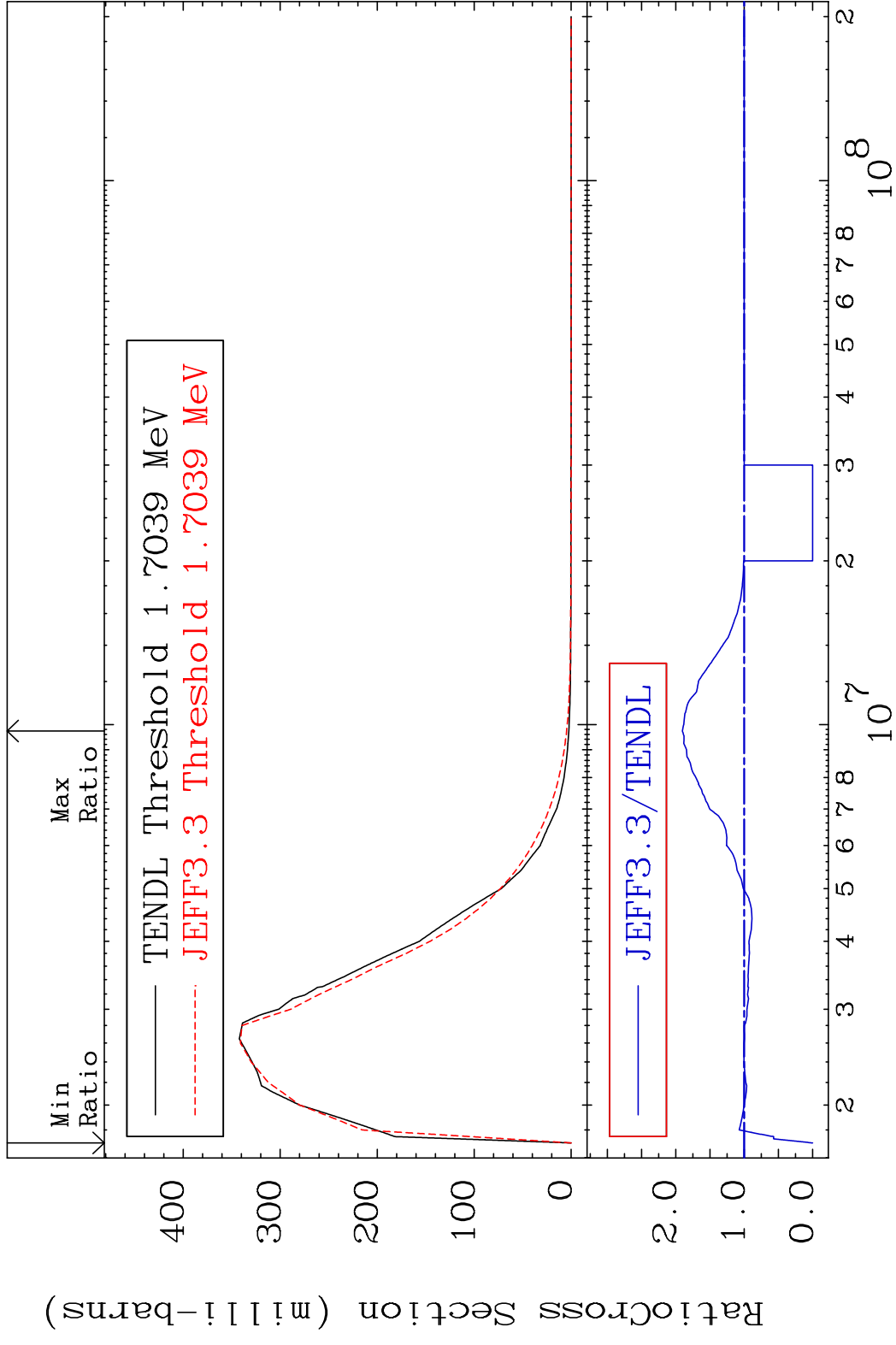


9

Incident Energy (eV)

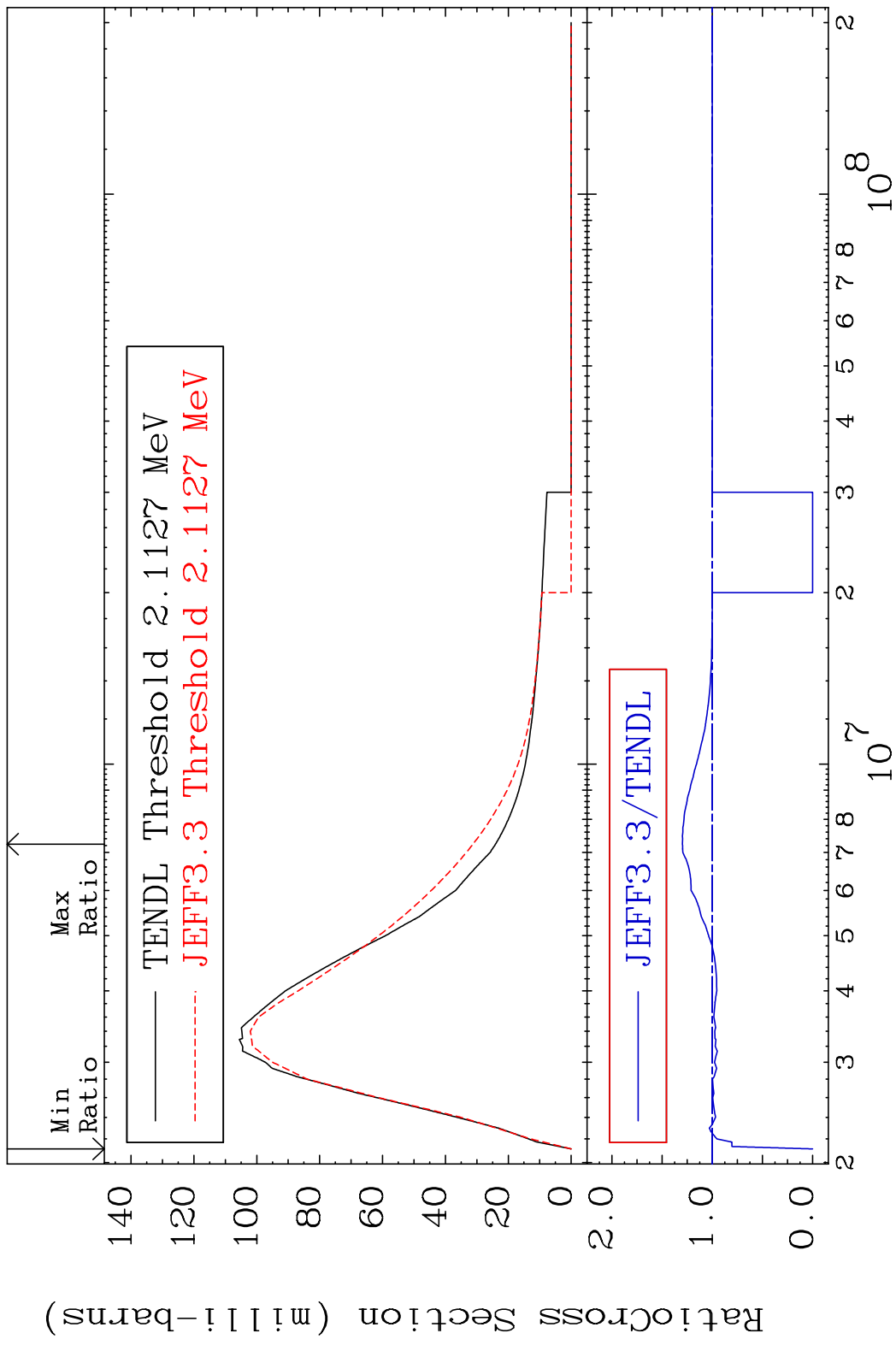
<sup>26</sup>Fe-58

MAT 2637 MT= 52 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 90.27 %

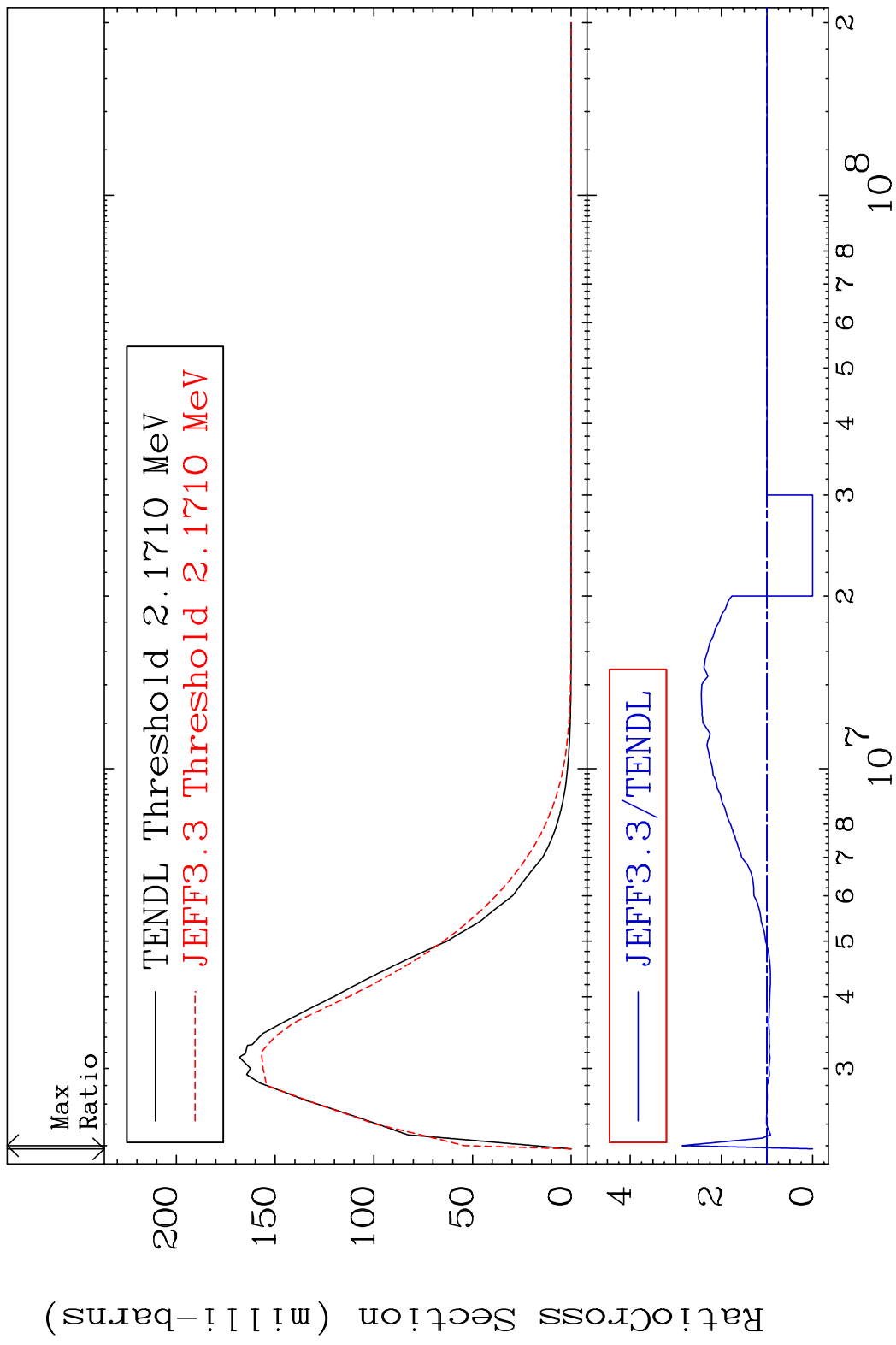


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000

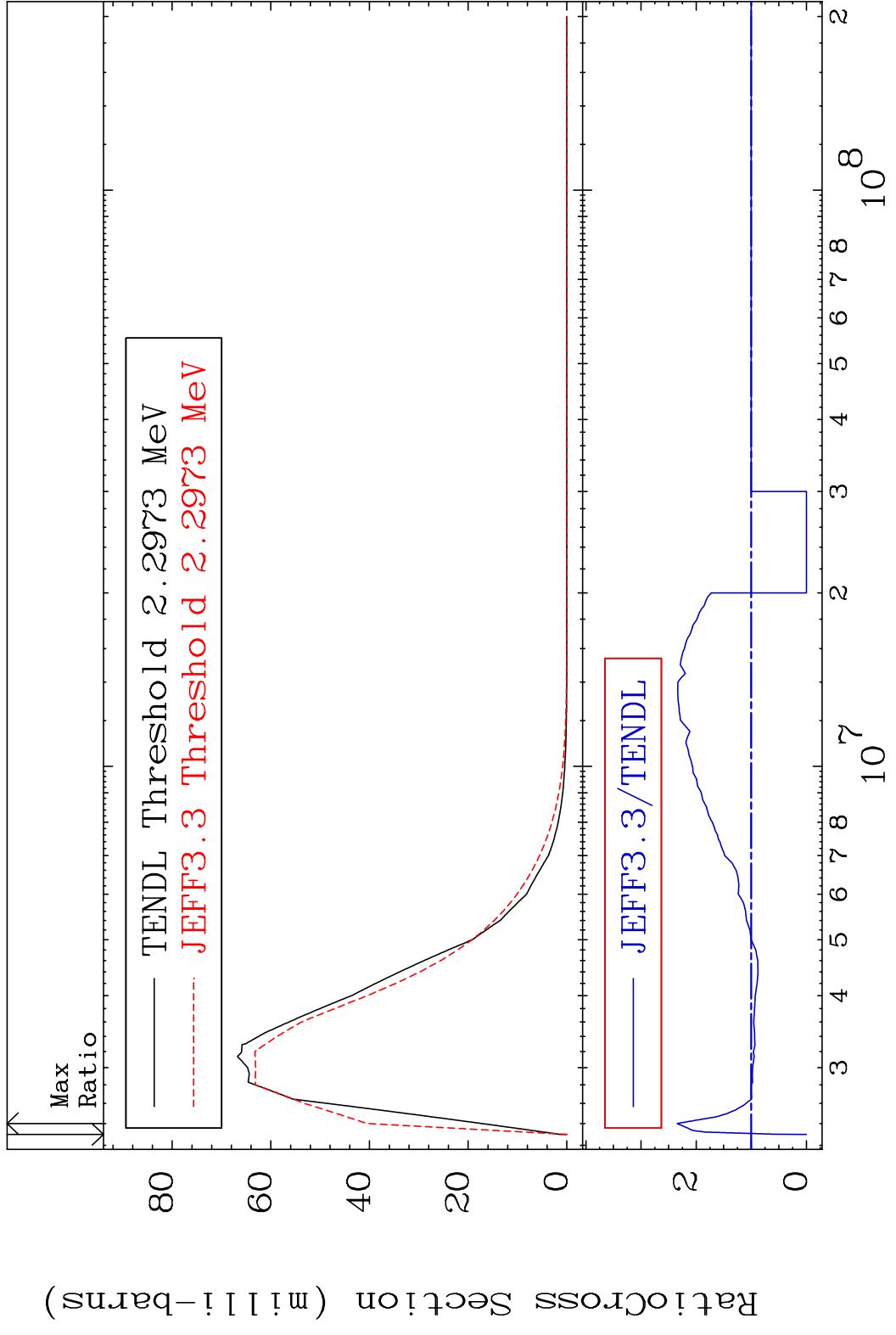
MAT 2637 MT= 53 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 29.78 %



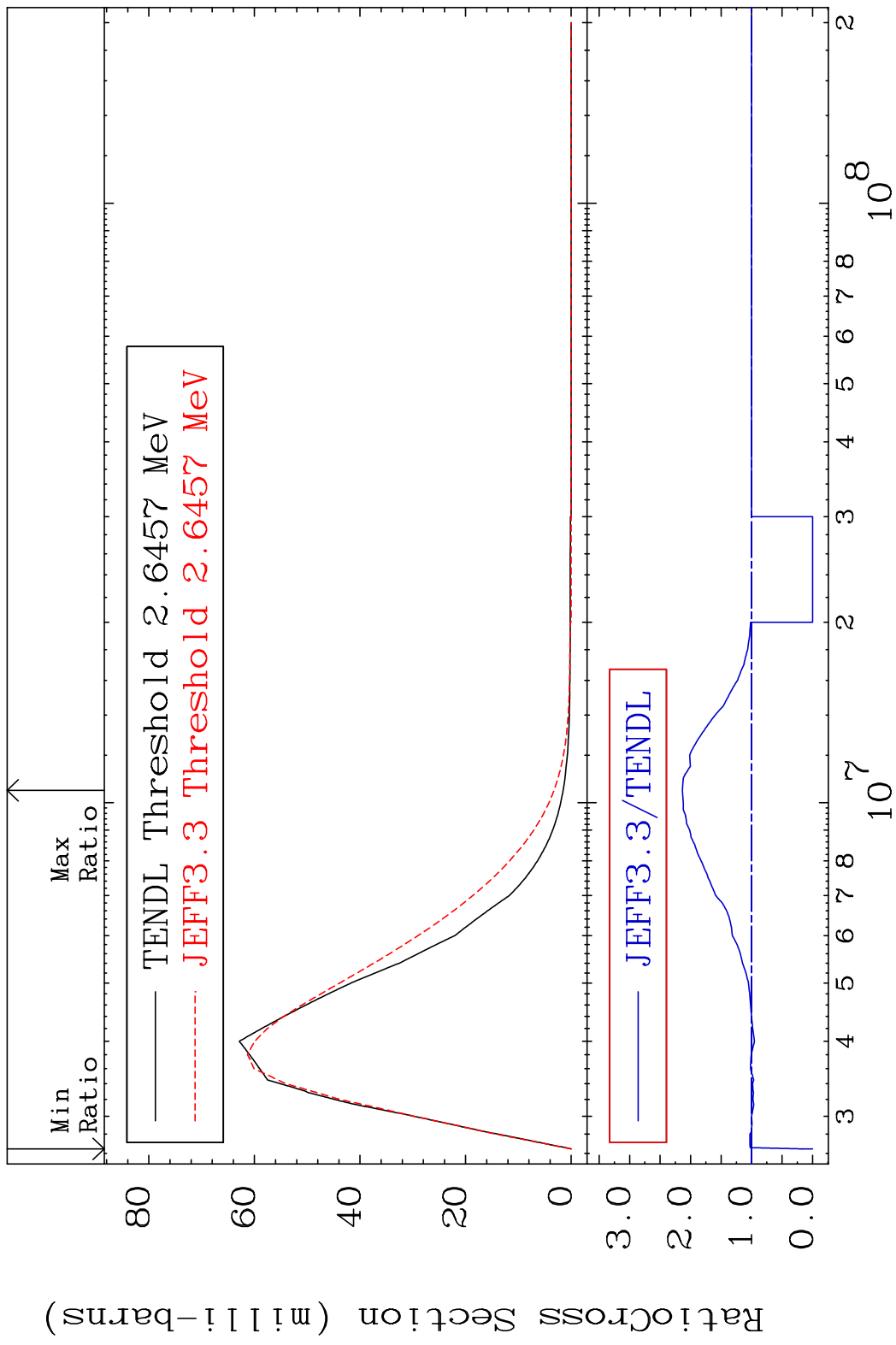
MAT 2637 MT= 54 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 185.5 %



MAT 2637 MT= 55 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 134.4 %

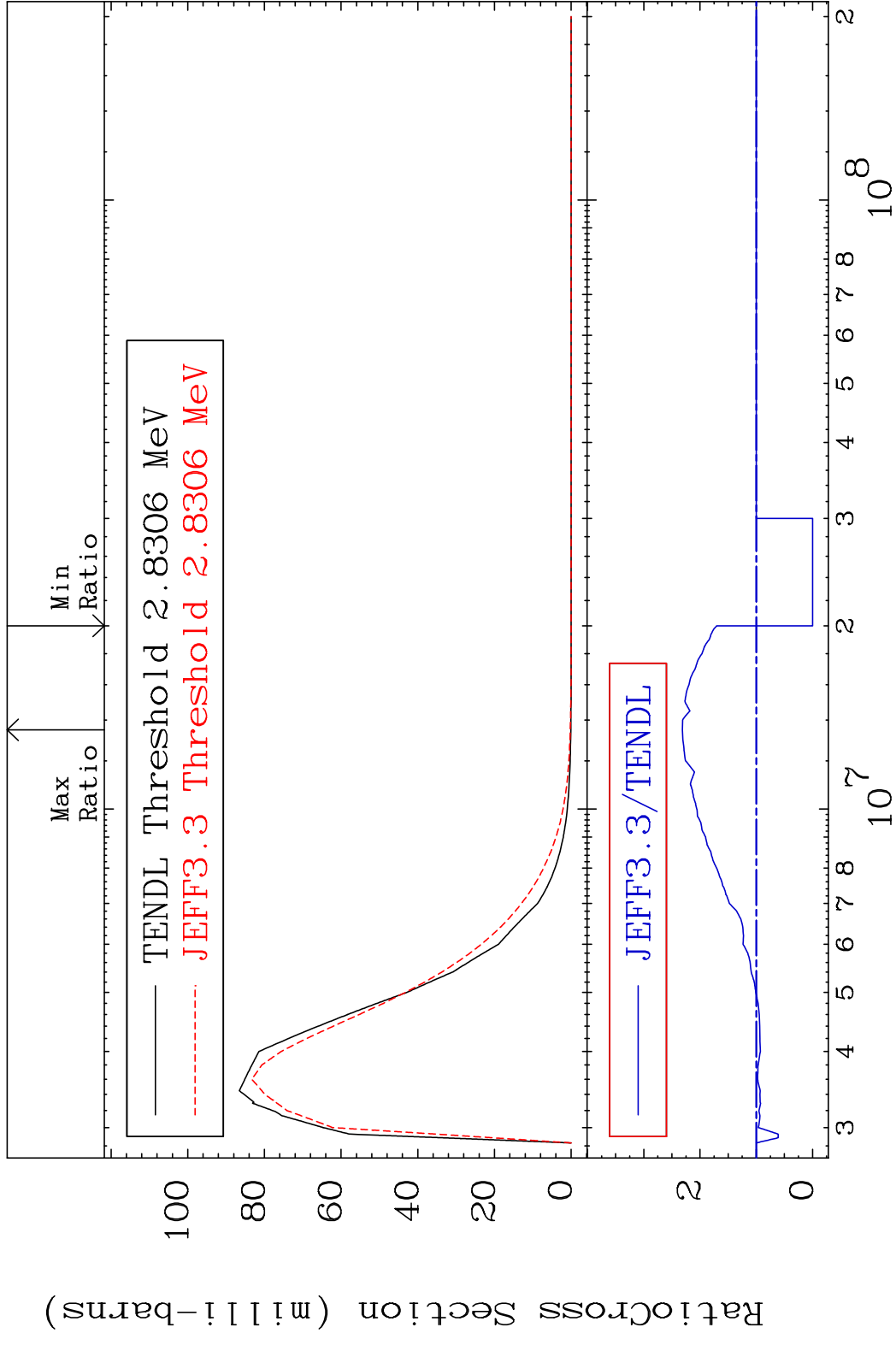


MAT 2637 MT= 56 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 113.5 %



14 Incident Energy (eV) 26-Fe-58

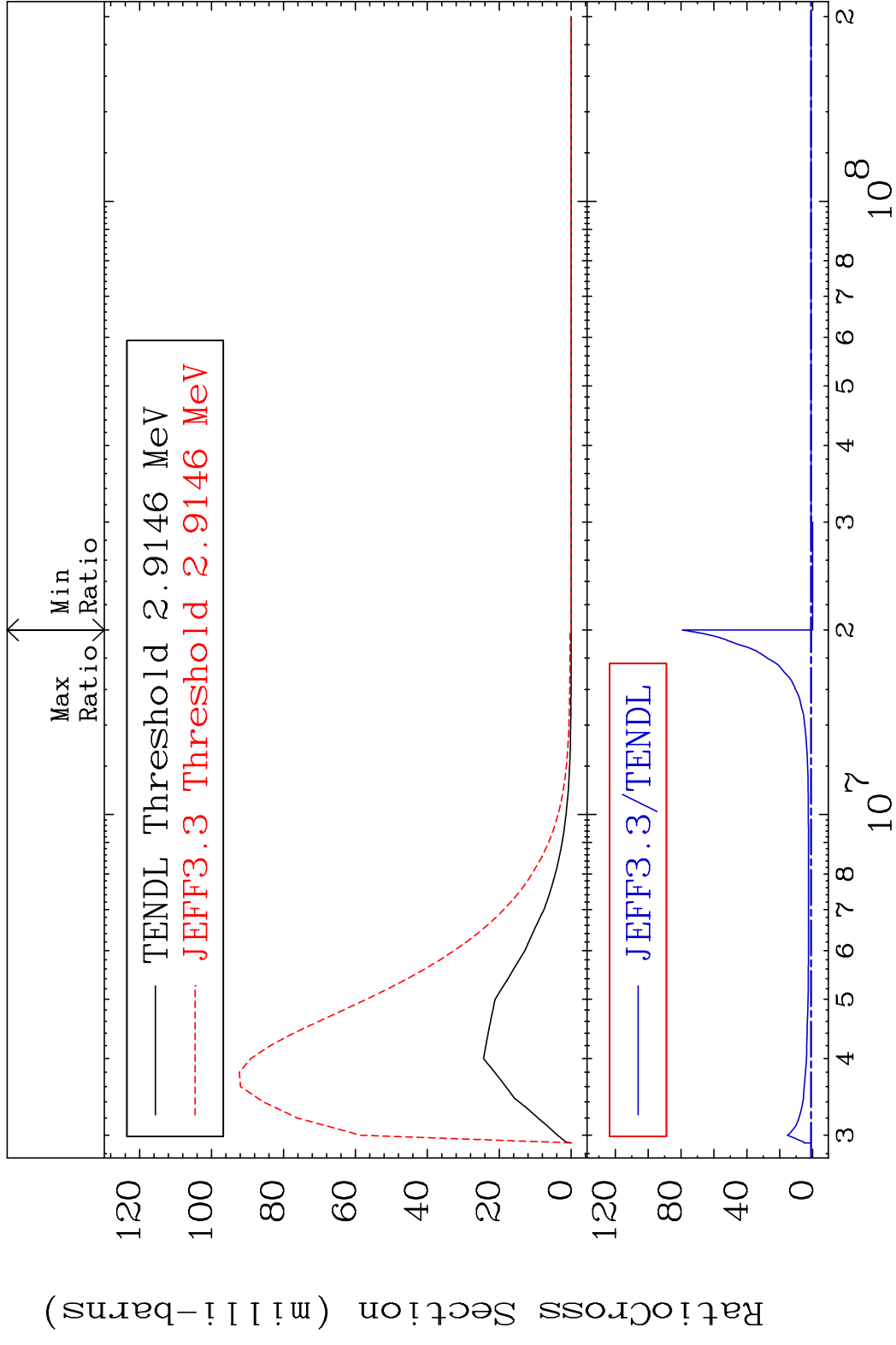
MAT 2637 MT= 57 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 131.5 %



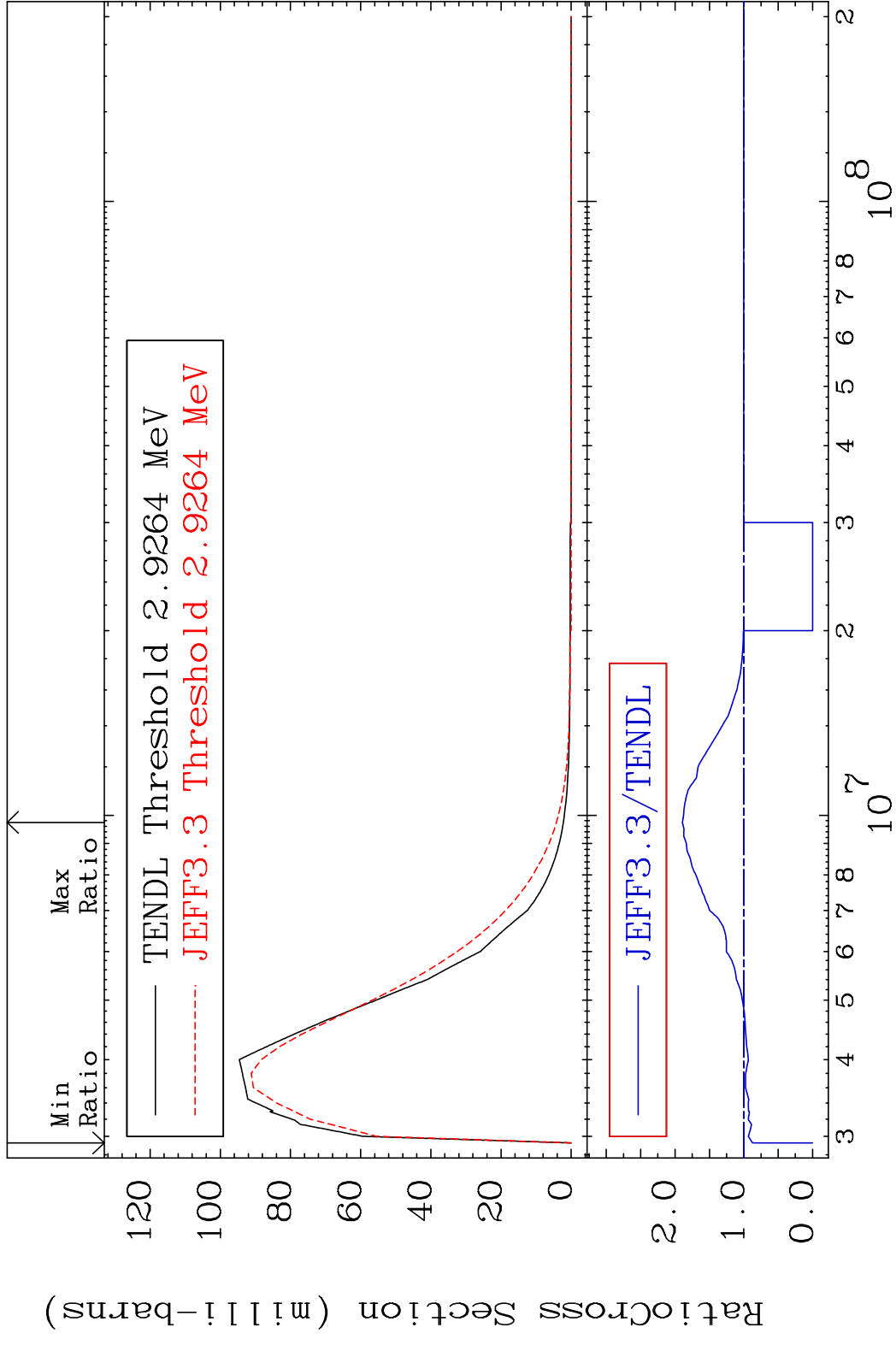
15 Incident Energy (eV) 26-Fe-58



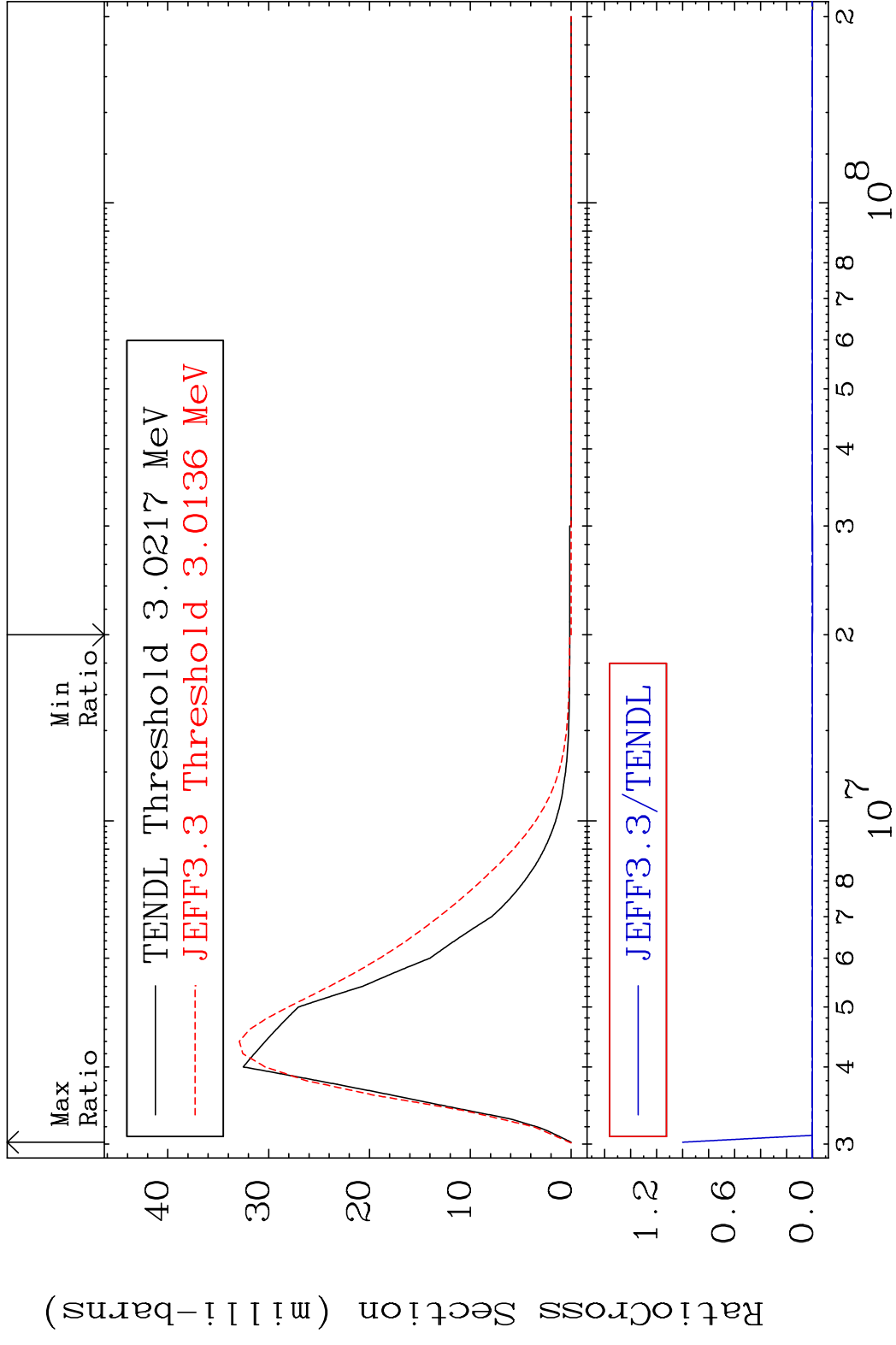
MAT 2637 MT= 58 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 7823. %



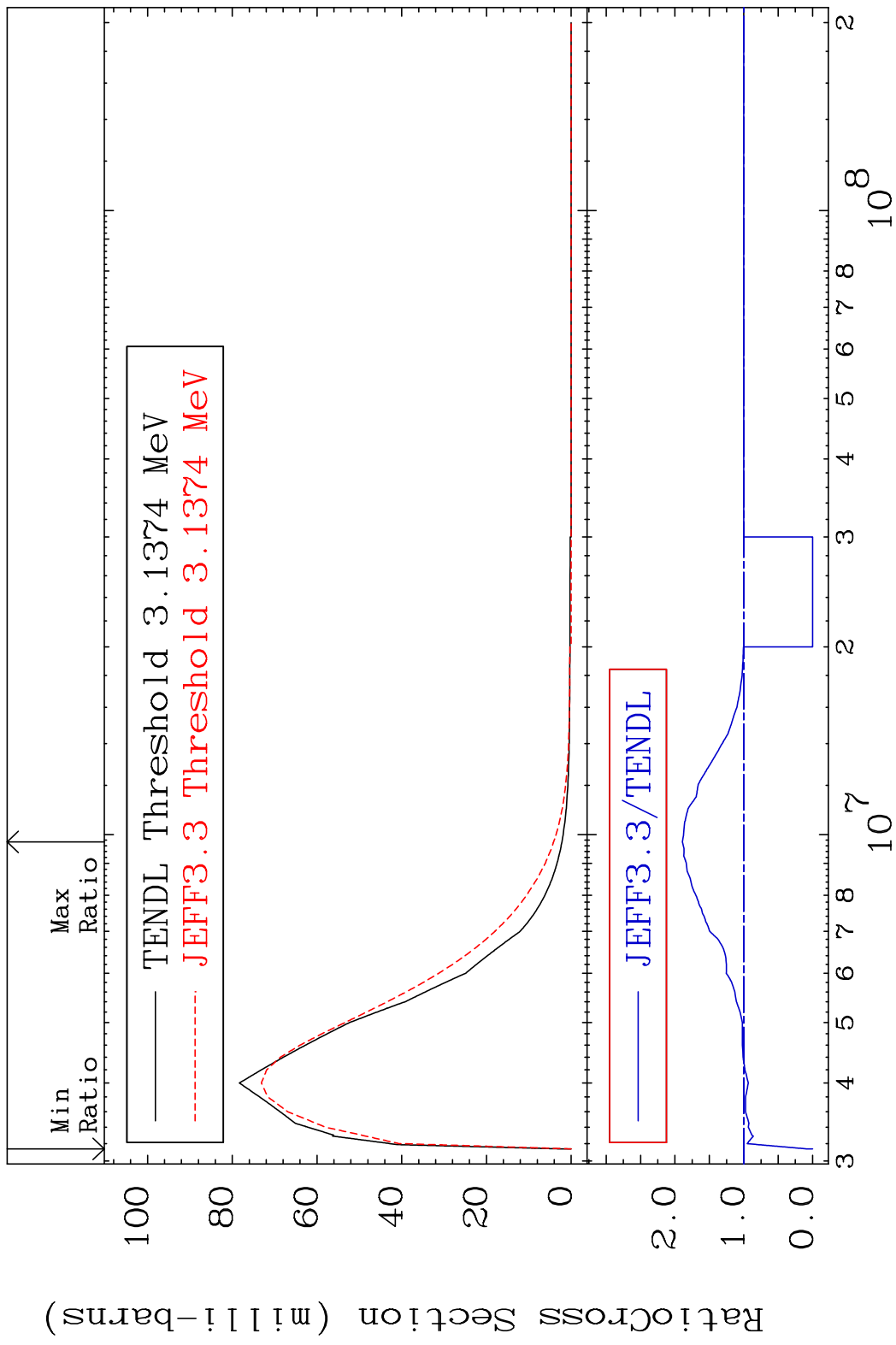
MAT 2637 MT= 59 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 89.37 %



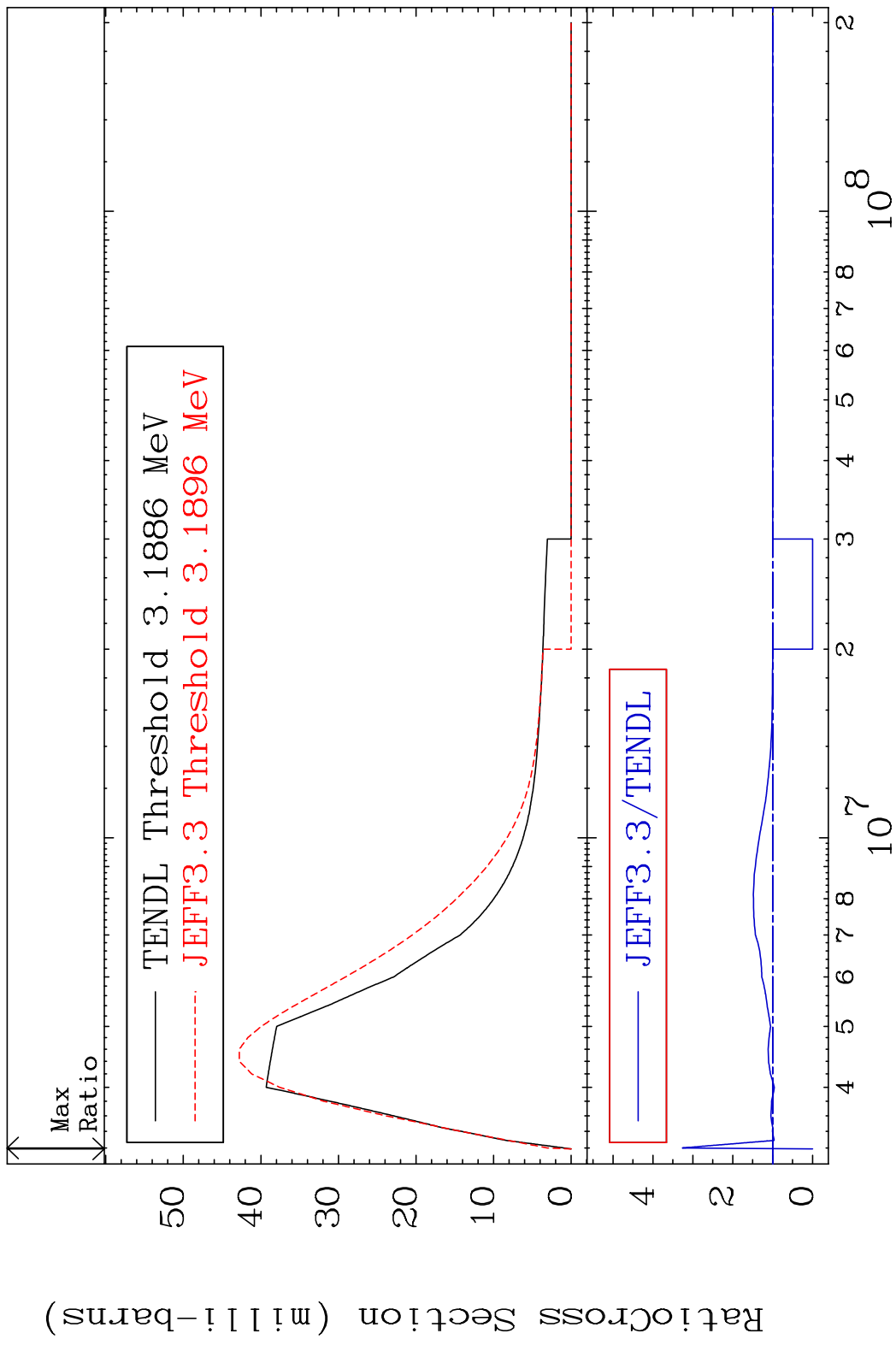
MAT 2637 MT= 60 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %



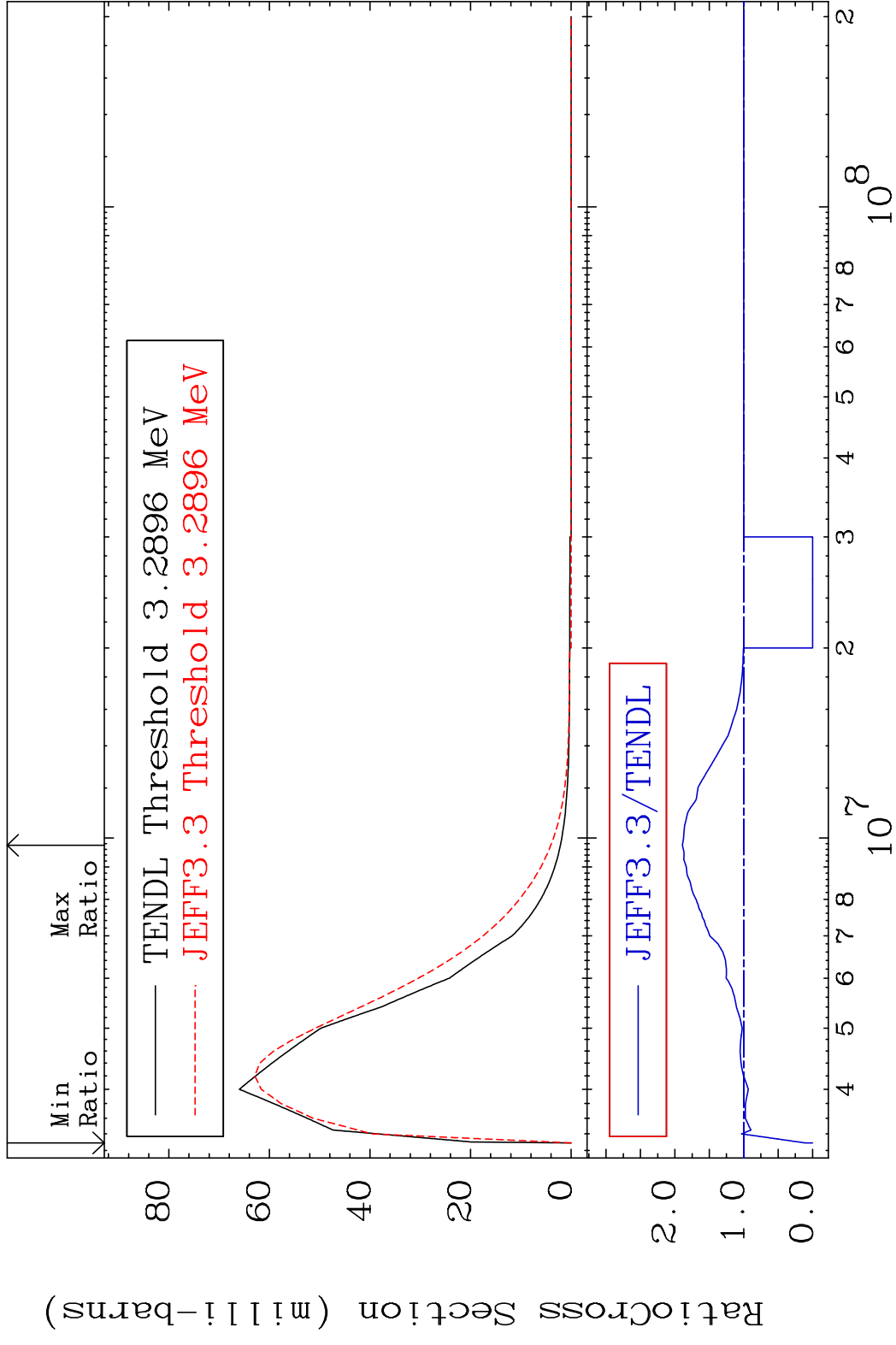
MAT 2637 MT= 61 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 89.25 %



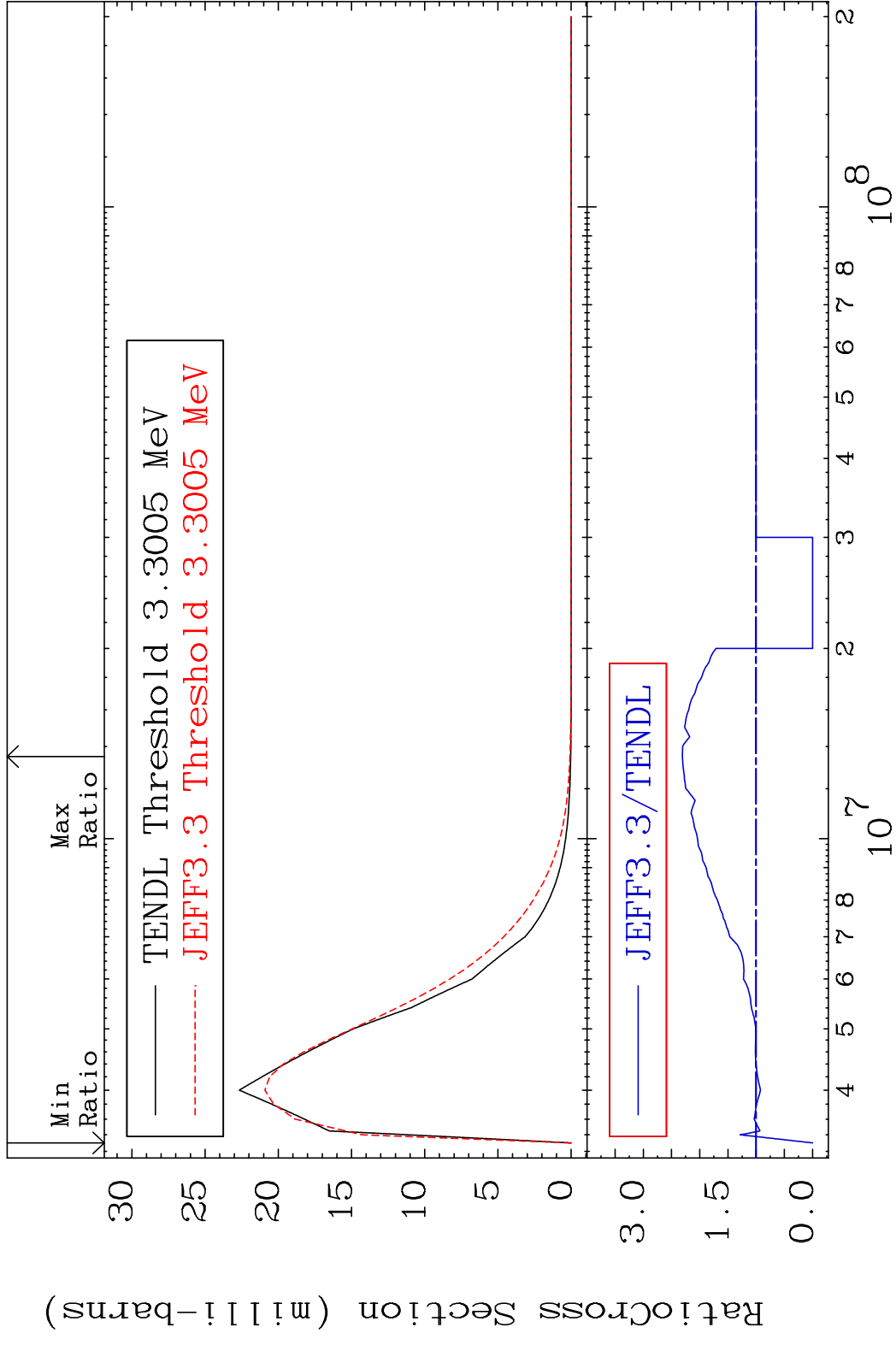
MAT 2637 MT= 62 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 226.2 %



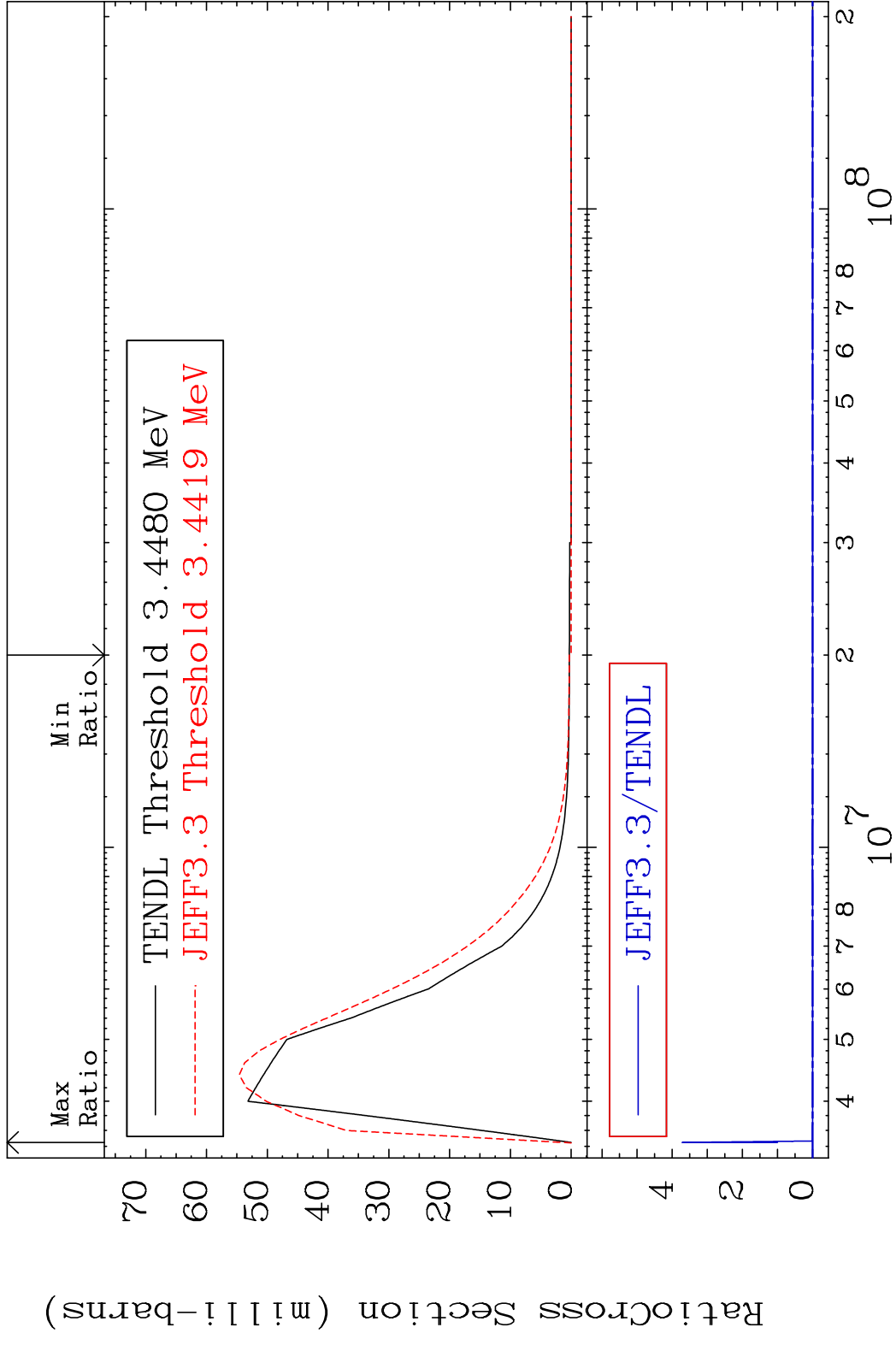
MAT 2637 MT= 63 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 89.16 %



MAT 2637 MT= 64 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 130.8 %

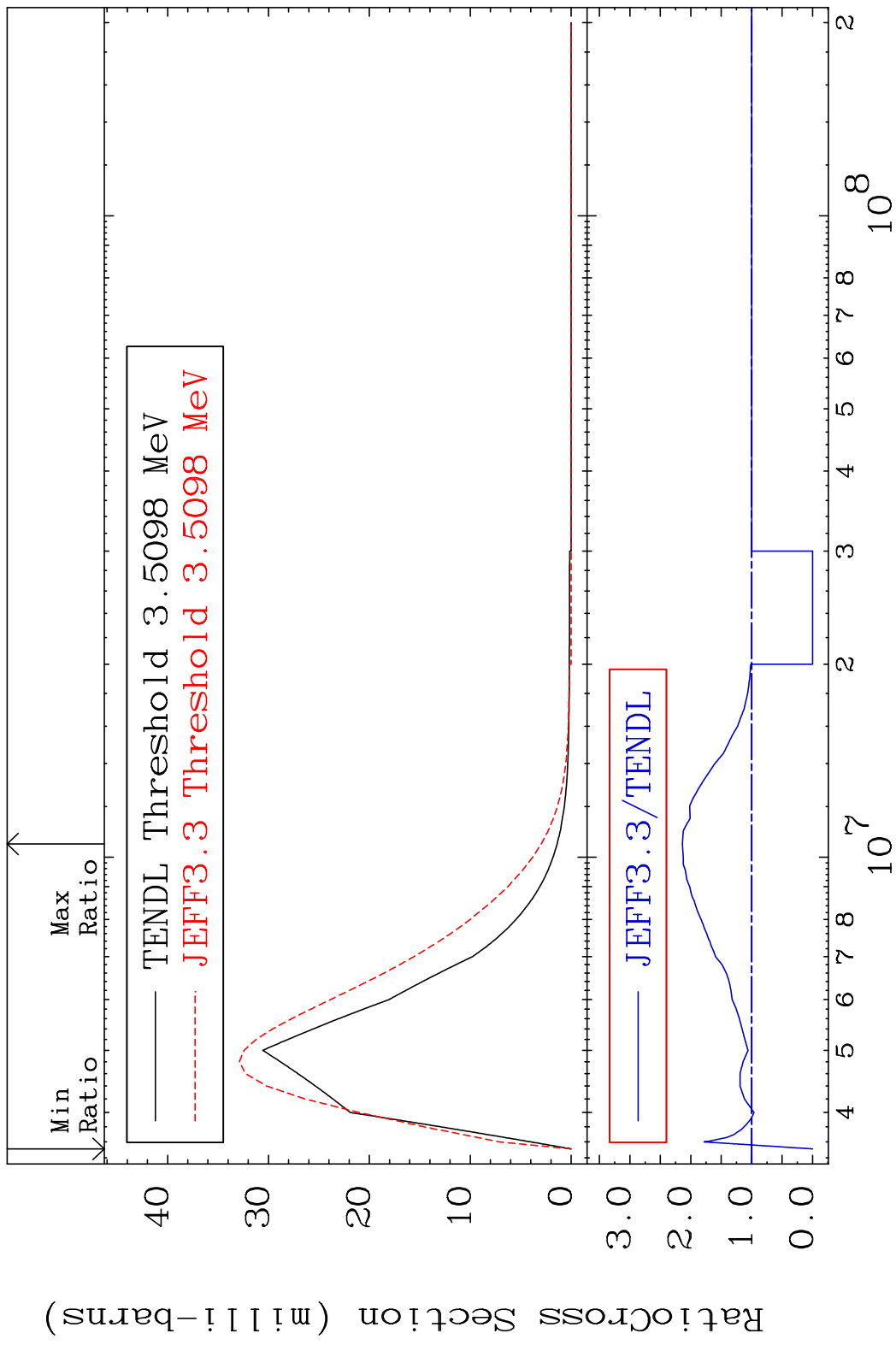


MAT 2637 MT= 65 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 9999. %

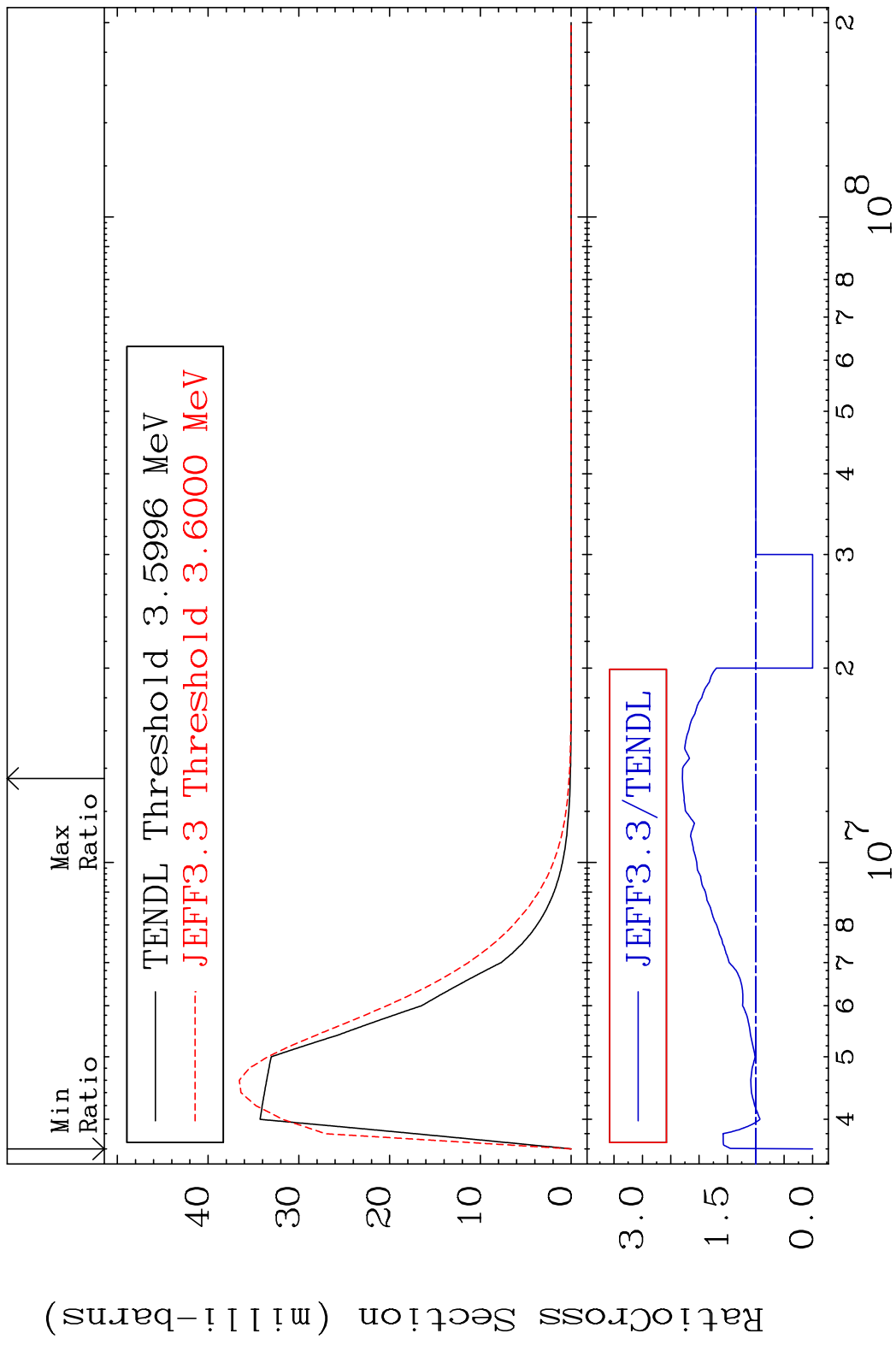




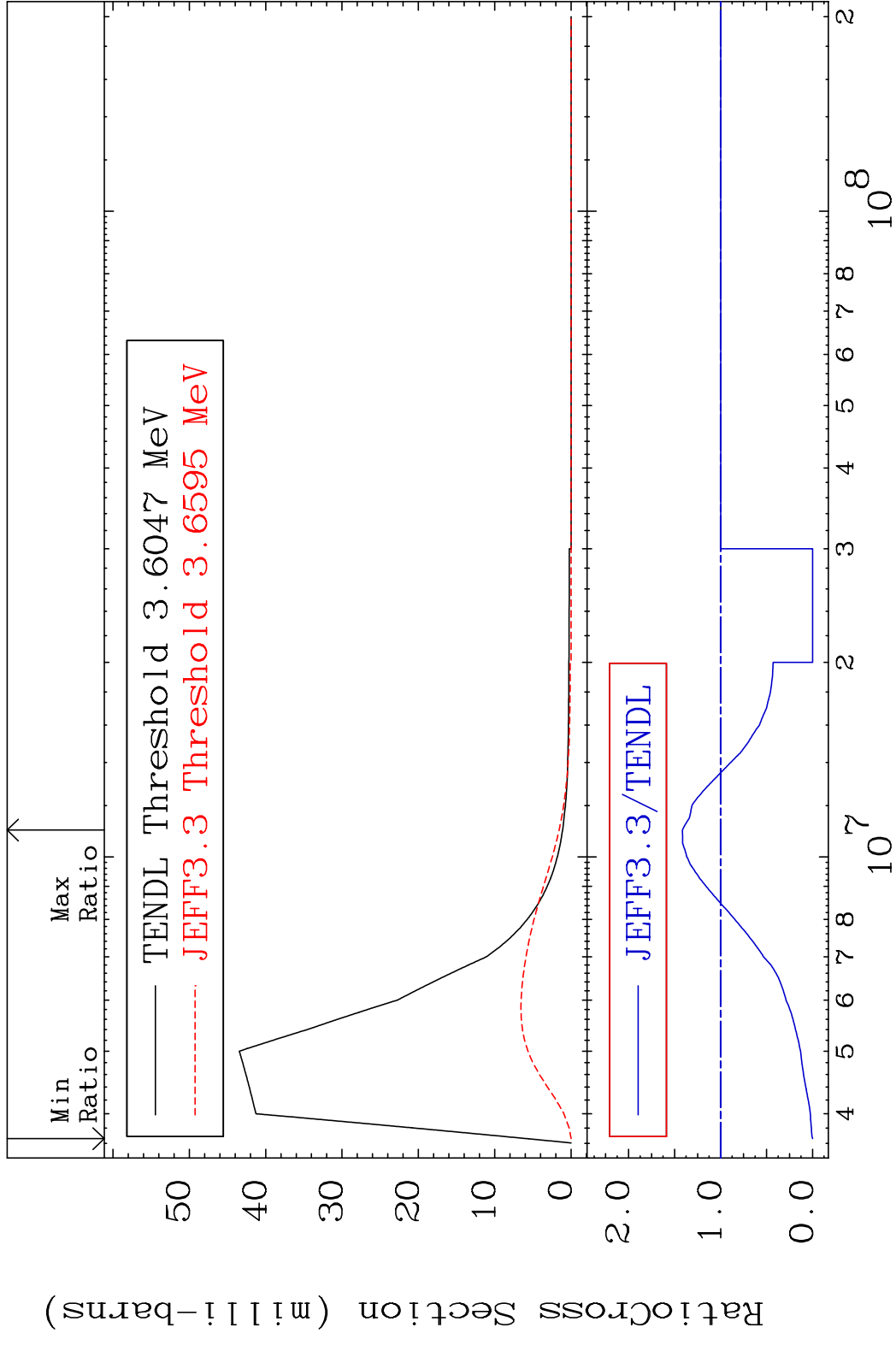
MAT 2637 MT= 66 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 113.9 %



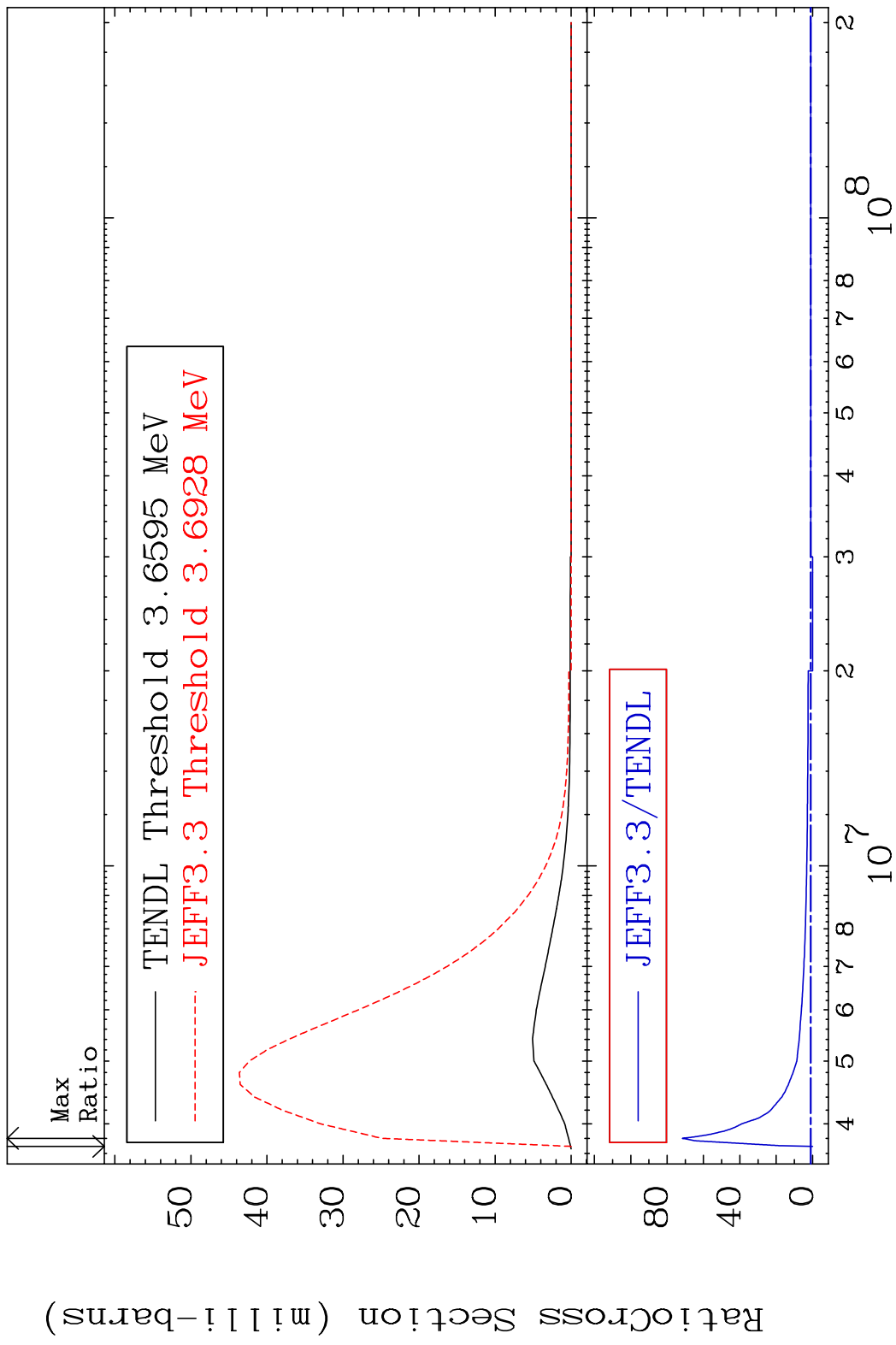
MAT 2637 MT= 67 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 129.6 %



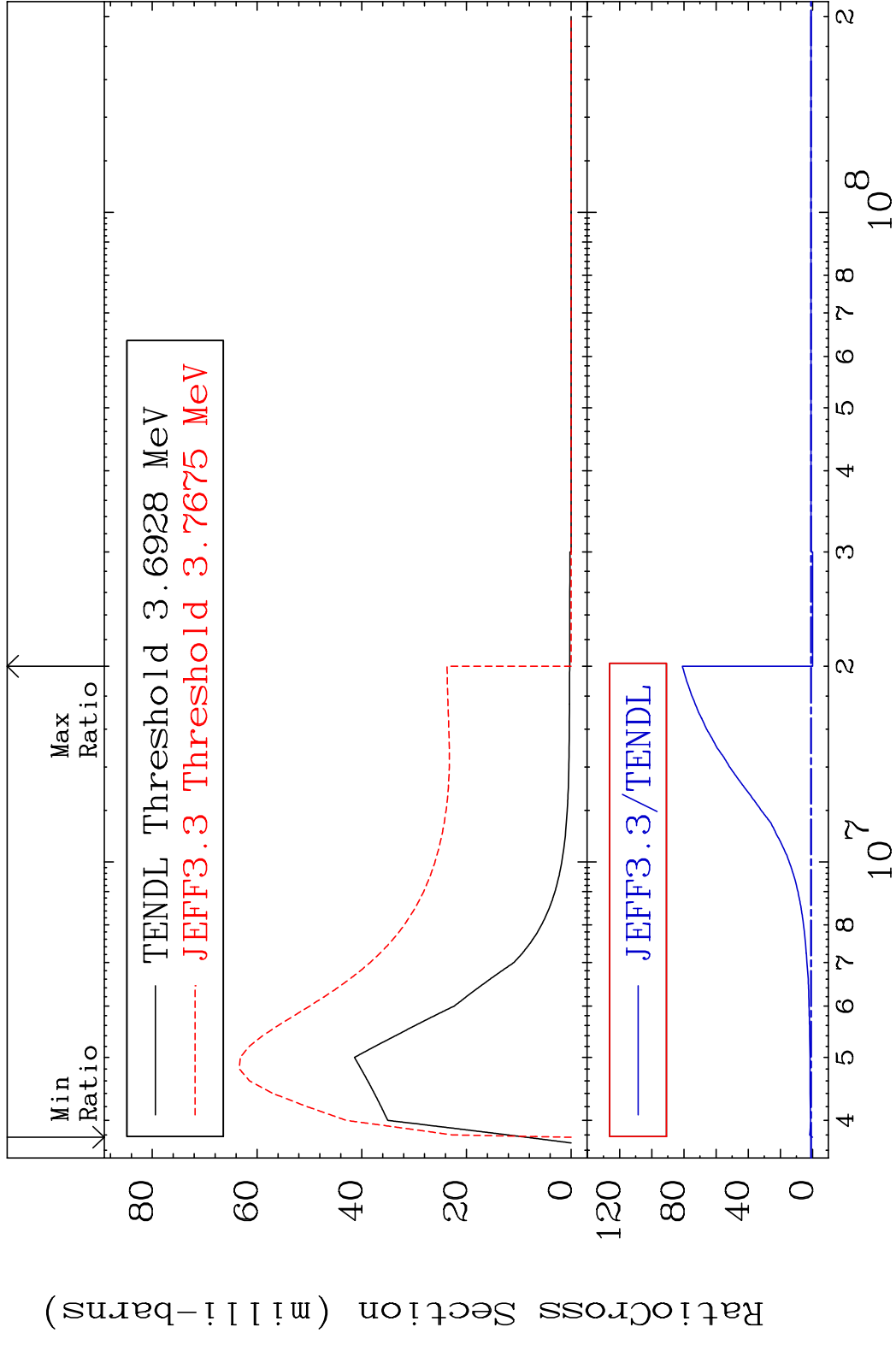
MAT 2637 MT= 68 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 41.58 %



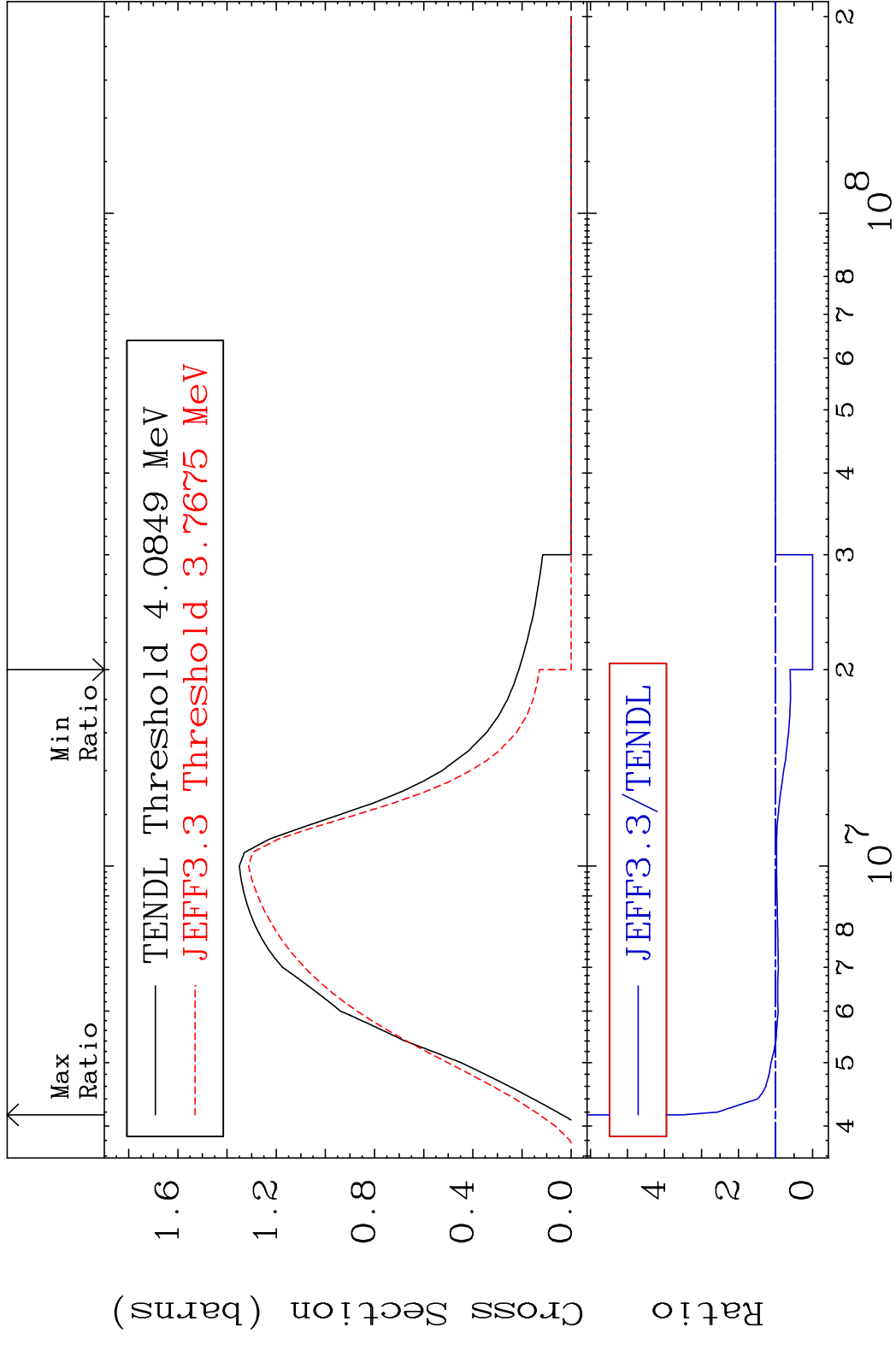
MAT 2637 MT= 69 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 7062. %



MAT 2637 MT= 70 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 7996. %



MAT 2637 (n, n') Continuum <sup>26</sup>Fe-58  
 Cross Section -100.0 To 251.6 %

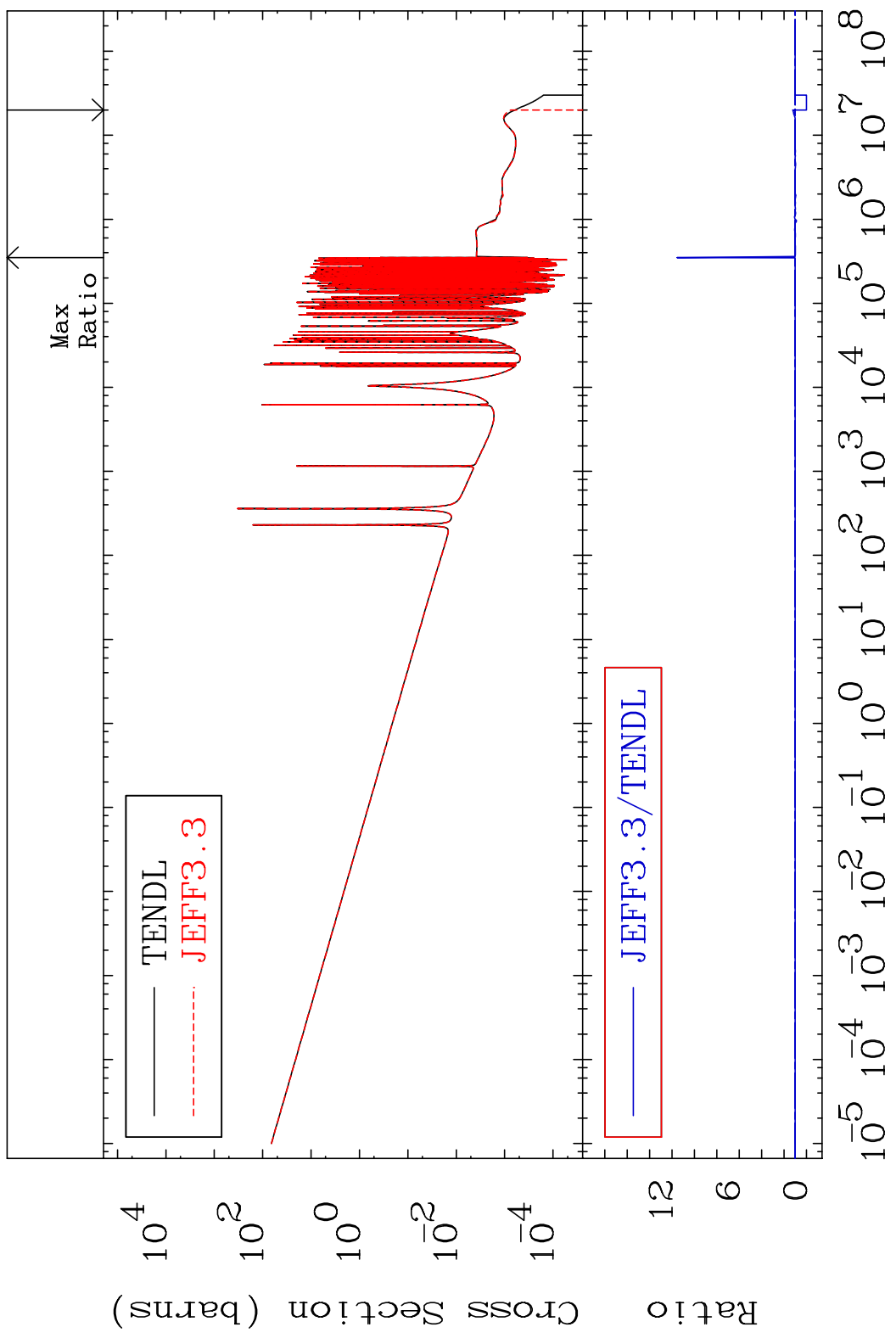


MAT 2637

(n,  $\gamma$ )

26-Fe-58

Cross Section -100.0 To 1054. %

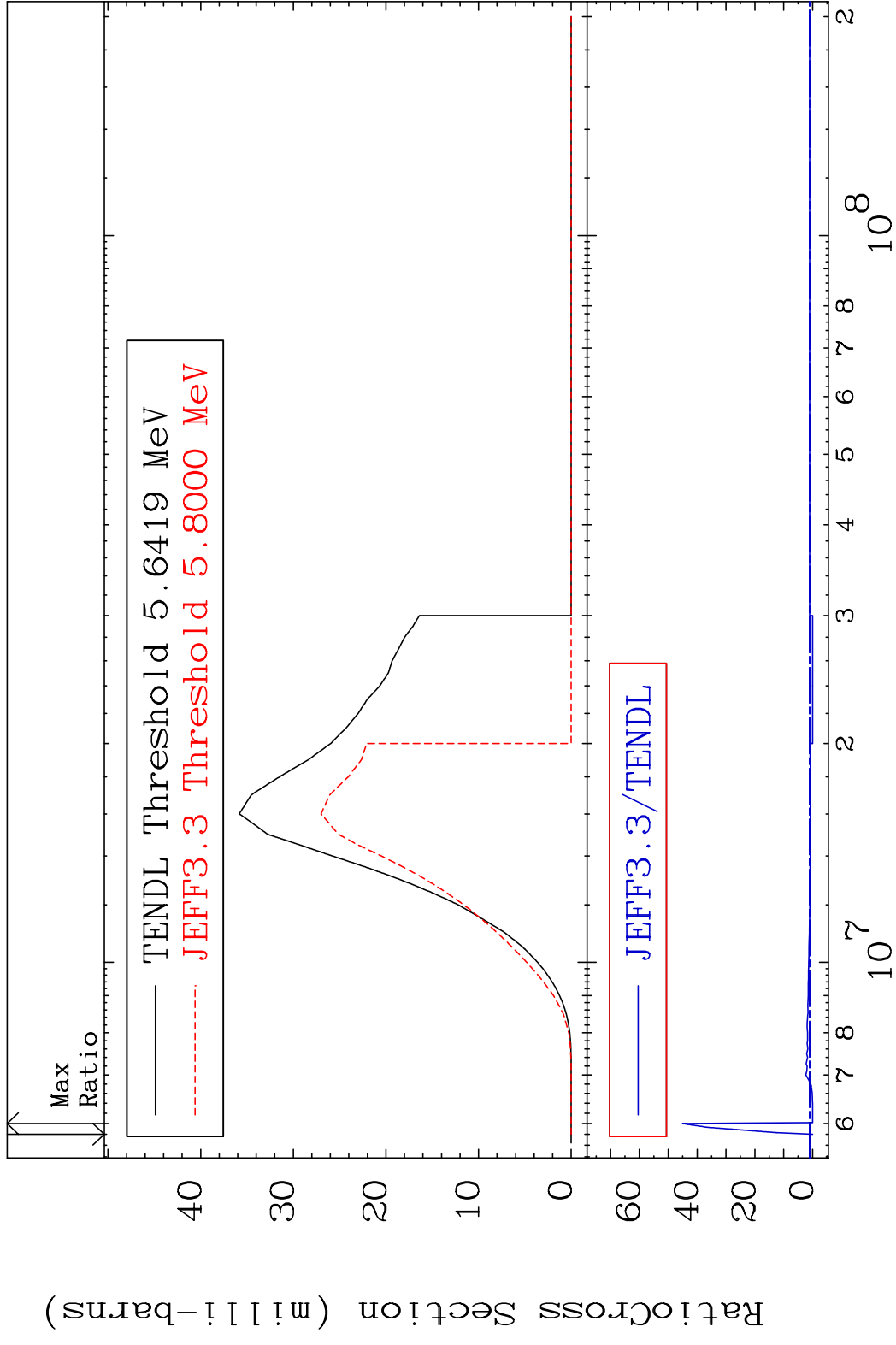


30

Incident Energy (eV)

26-Fe-58

MAT 2637 (n,p) 26-Fe-58  
 Cross Section -100.0 To 4411. %



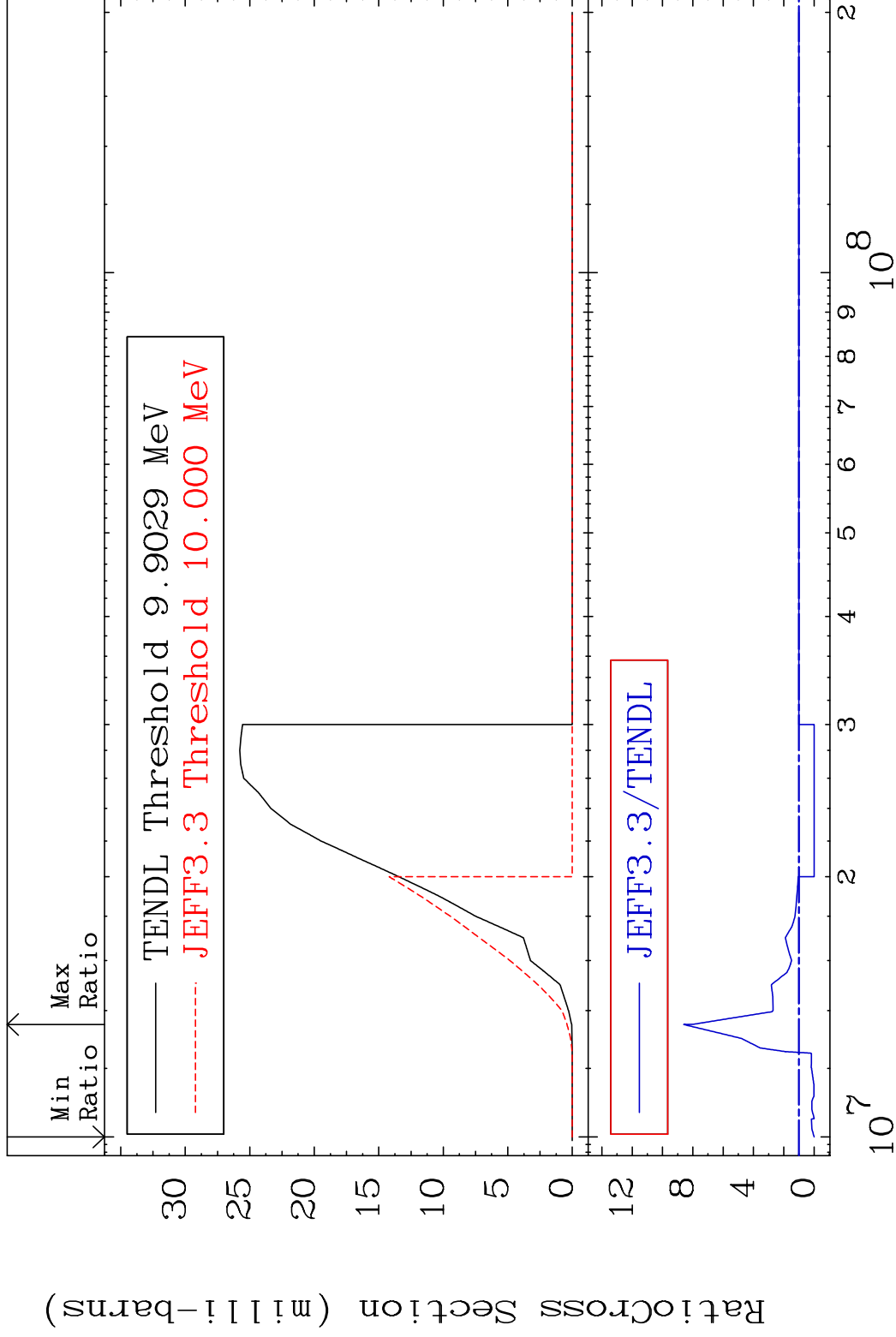


MAT 2637

(n, d)

<sup>26</sup>Fe-58

Cross Section -100.0 To 760.7 %

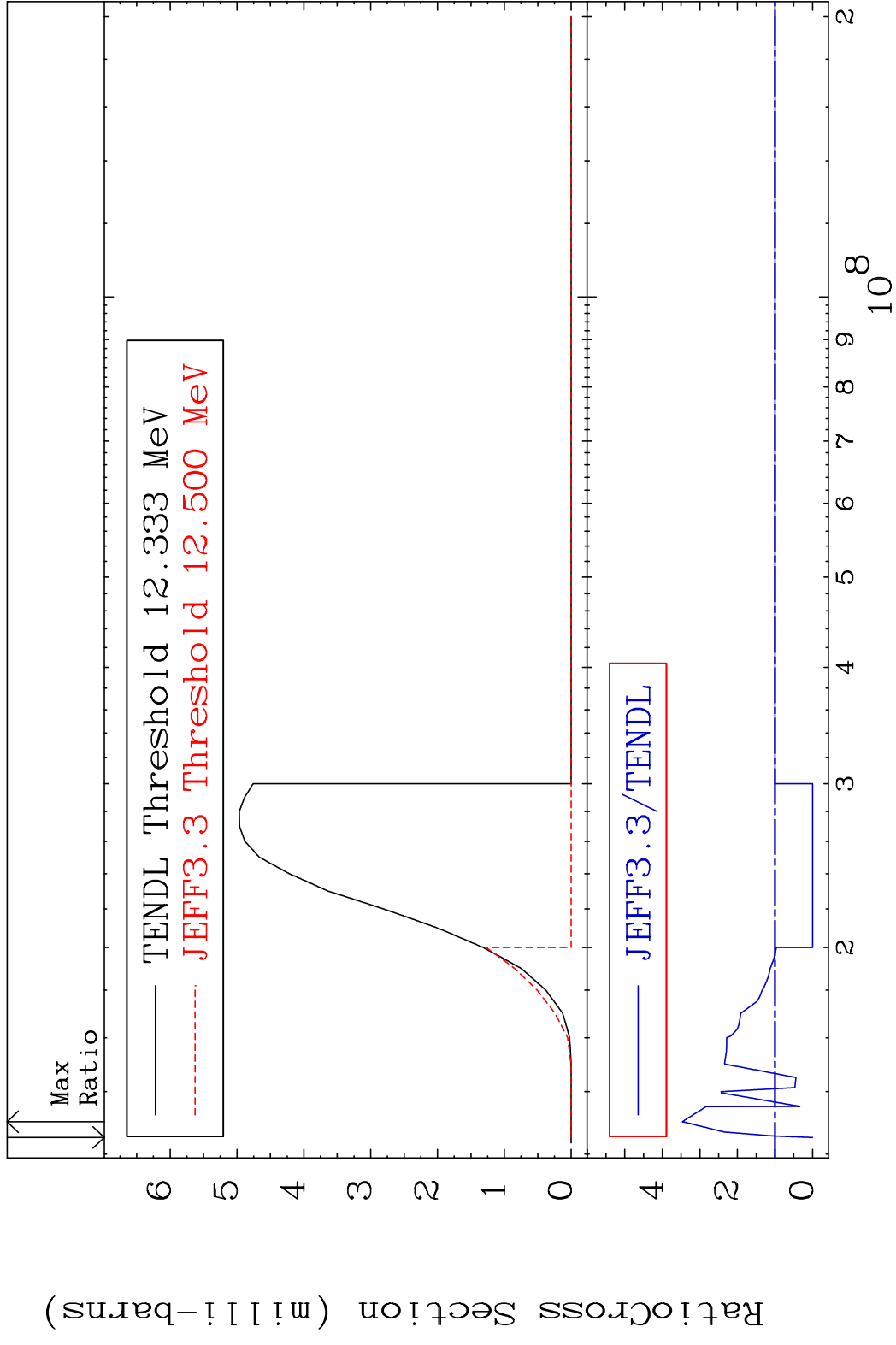


32

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 (n, t) 26-Fe-58  
 Cross Section -100.0 To 246.7 %

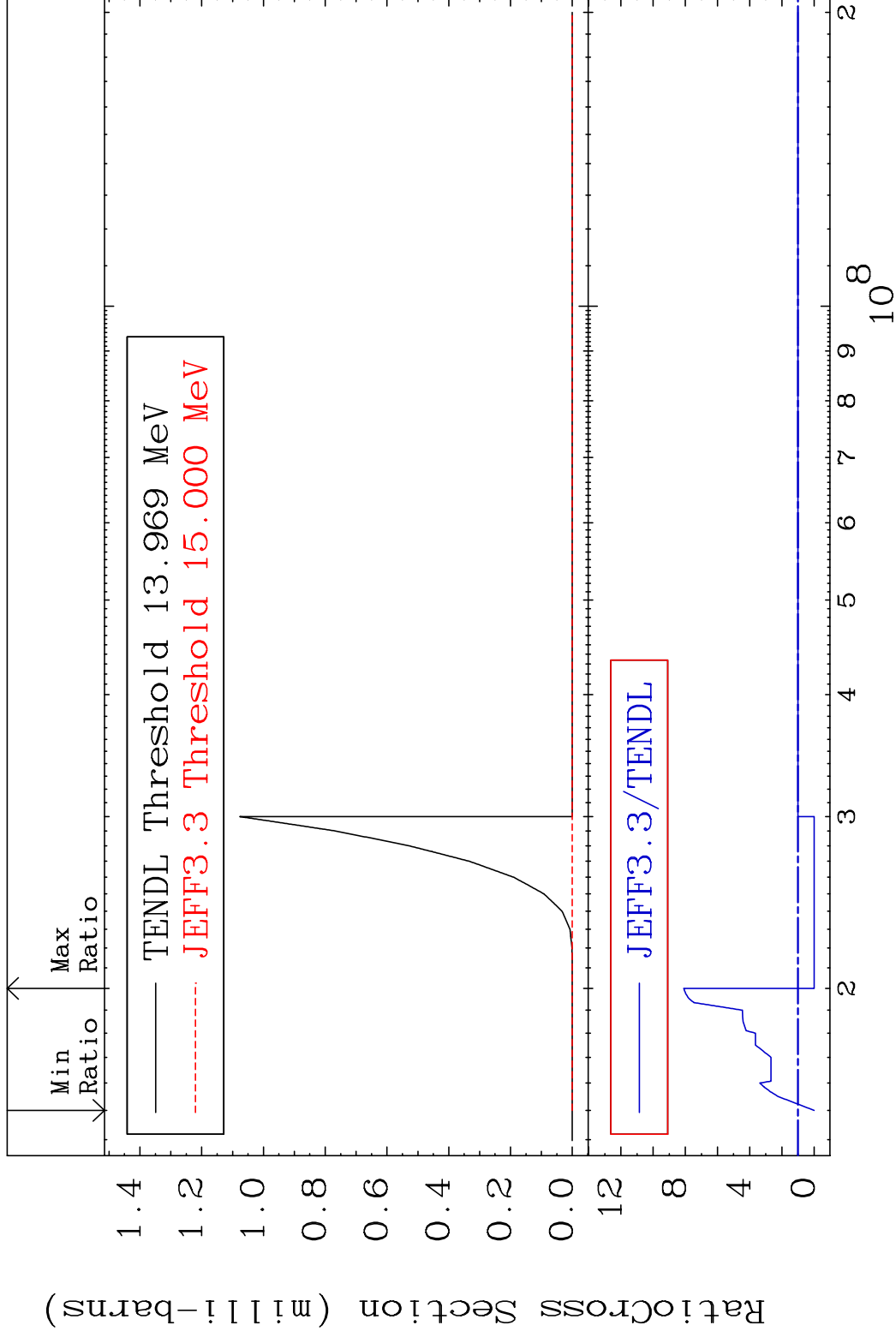


MAT 2637

(n, He-3)

<sup>26</sup>Fe-58

Cross Section -100.0 To 710.2 %



34

Incident Energy (eV)

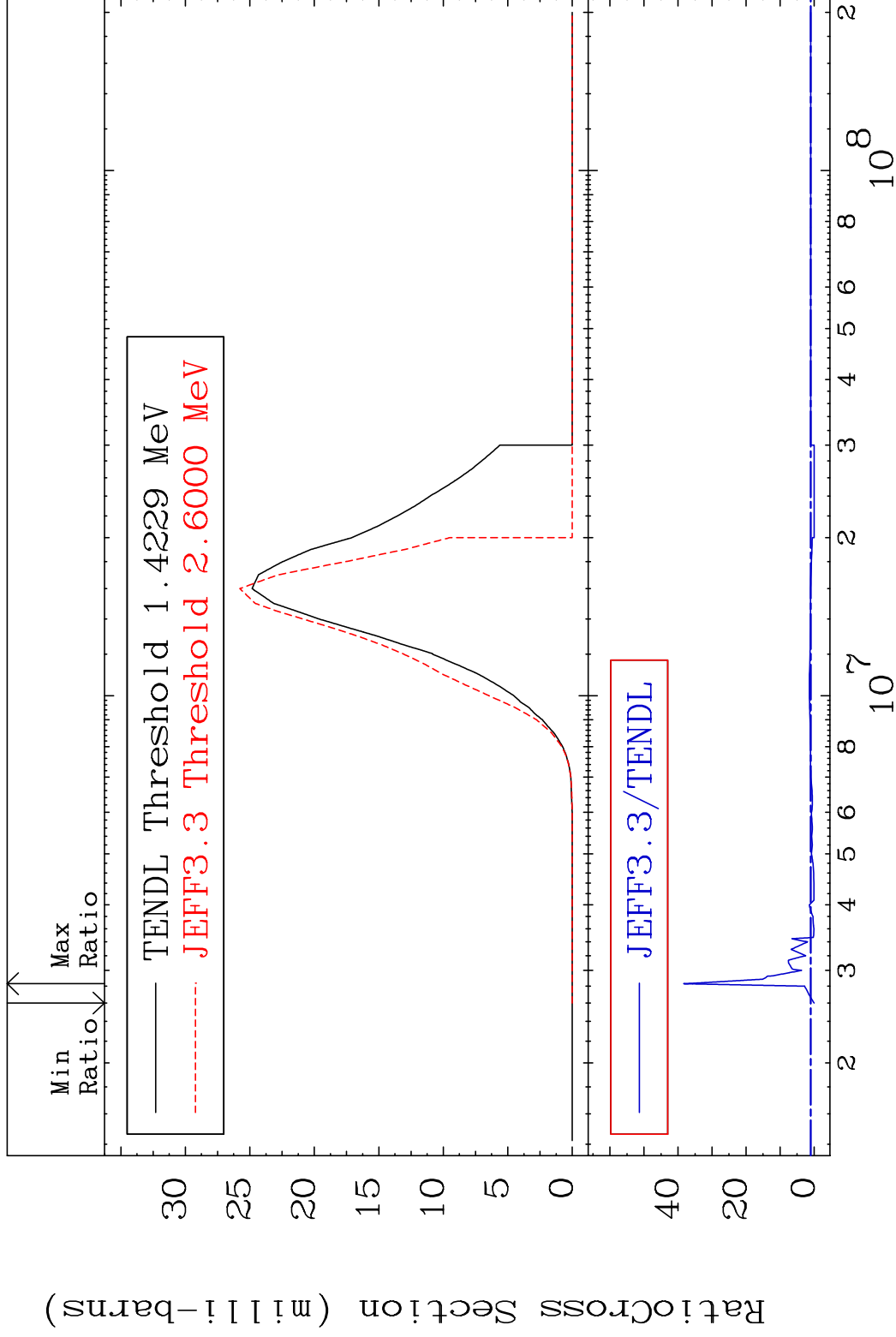
<sup>26</sup>Fe-58

MAT 2637

(n,  $\alpha$ )

<sup>26</sup>Fe-58

Cross Section -100.0 To 3734. %



35

Incident Energy (eV)

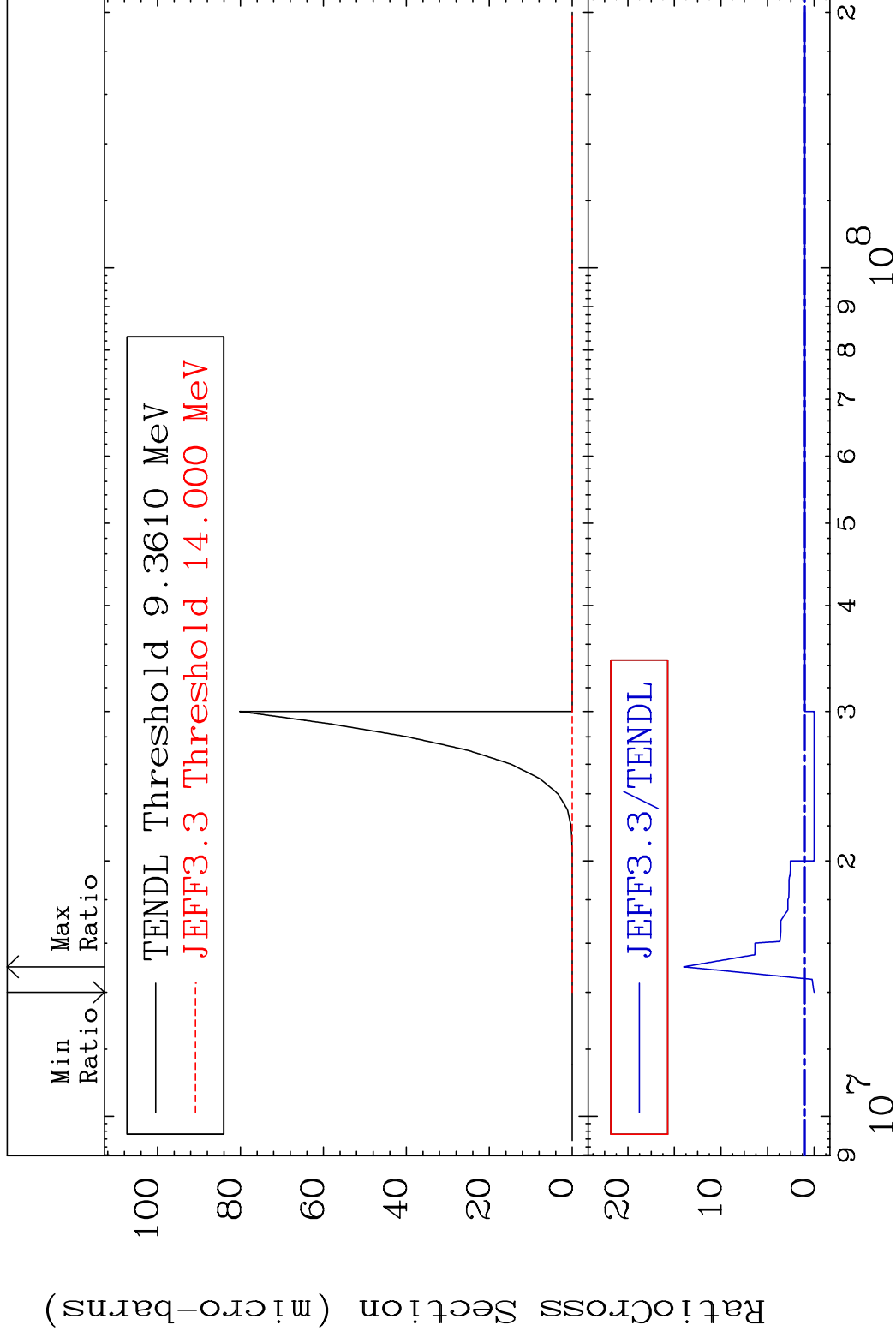
<sup>26</sup>Fe-58

MAT 2637

(n,2α)

<sup>26</sup>Fe-58

Cross Section -100.0 To 1301. %

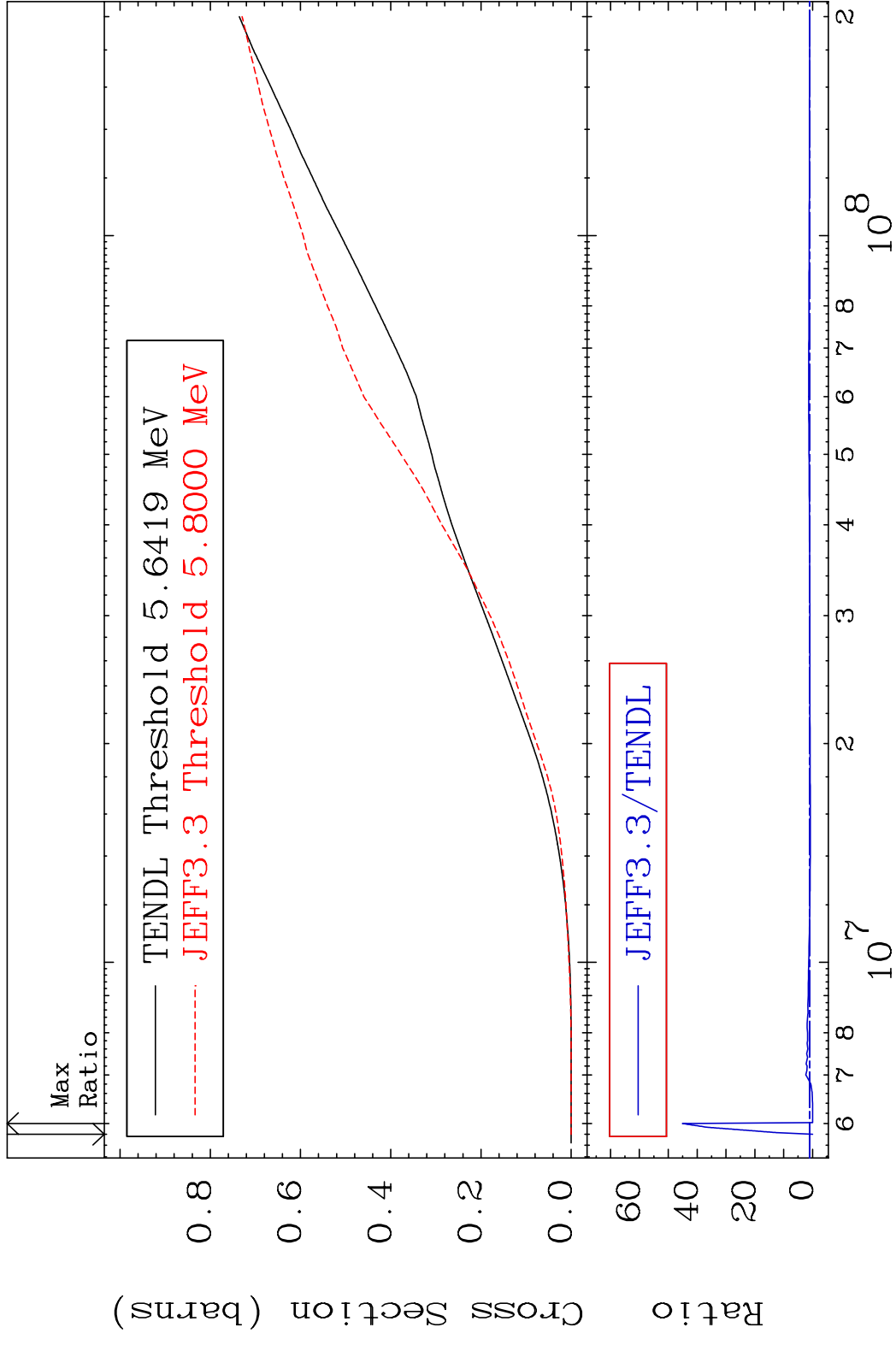


36

Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 Hydrogen Production 26-Fe-58  
 Cross Section -100.0 To 4411. %

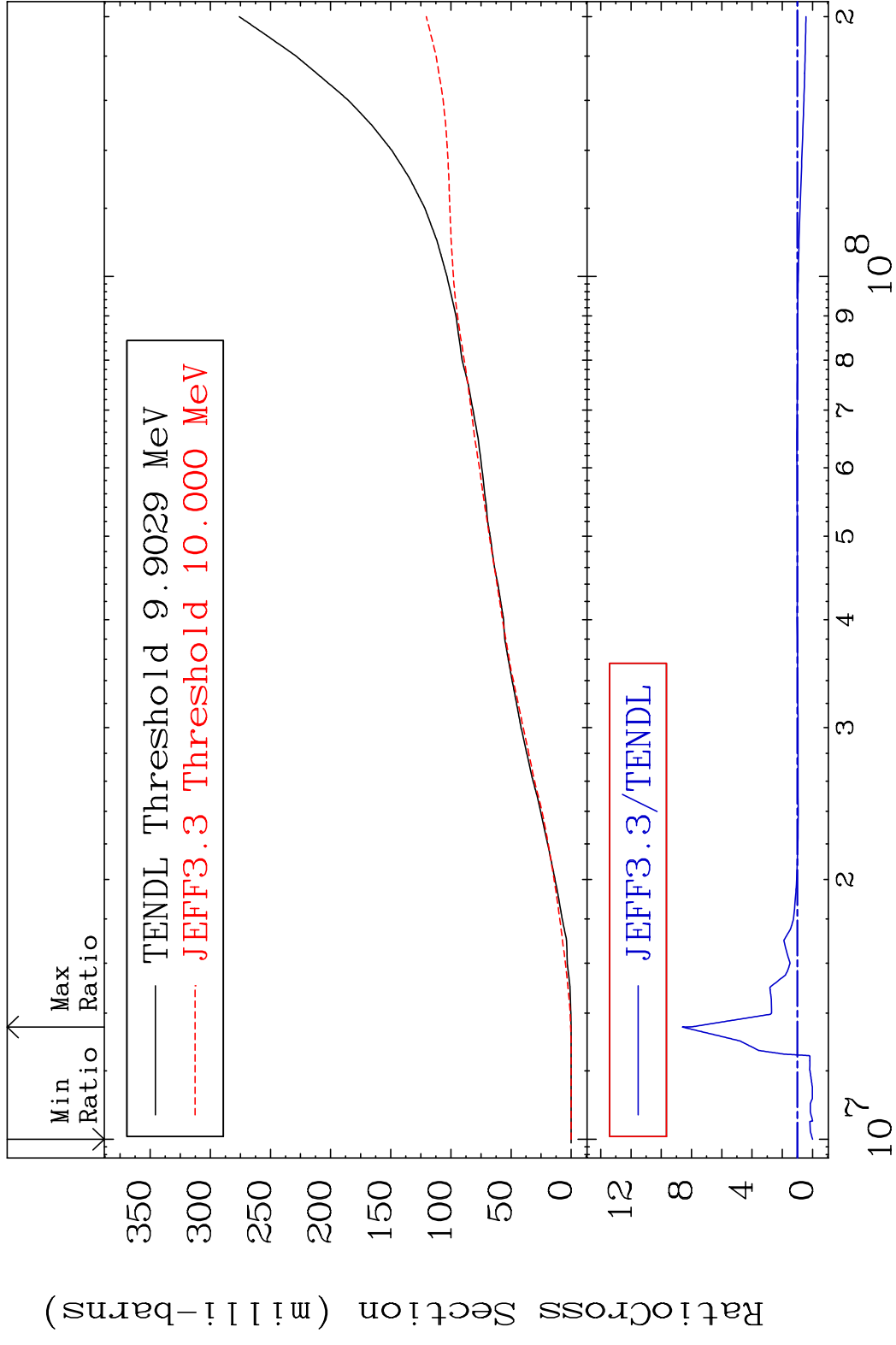


MAT 2637

Deuterium Production

<sup>26</sup>Fe-58

Cross Section -100.0 To 760.7 %



38

Incident Energy (eV)

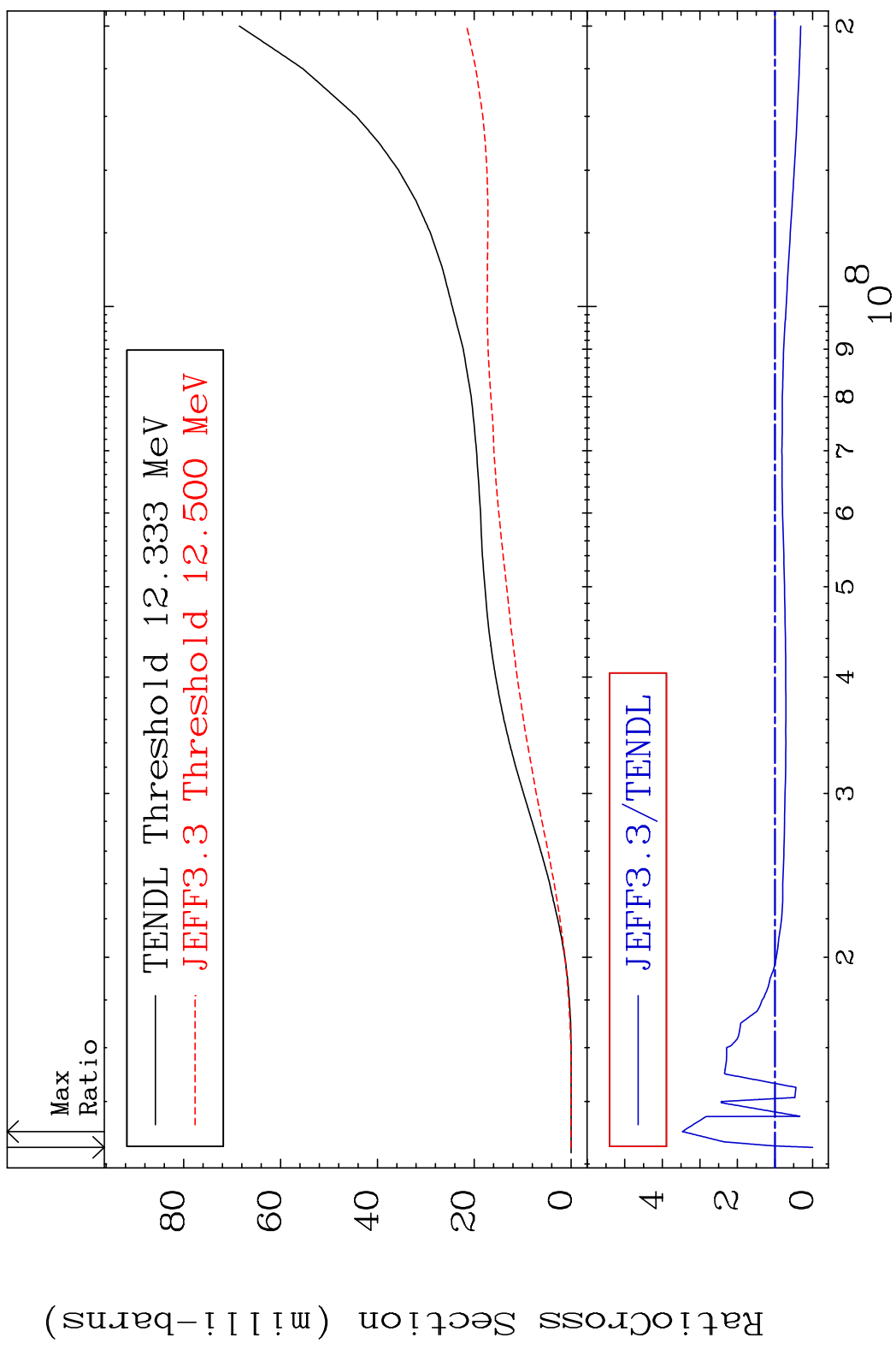
<sup>26</sup>Fe-58

MAT 2637

Tritium Production

$^{26}\text{Fe-58}$

Cross Section -100.0 To 246.7 %



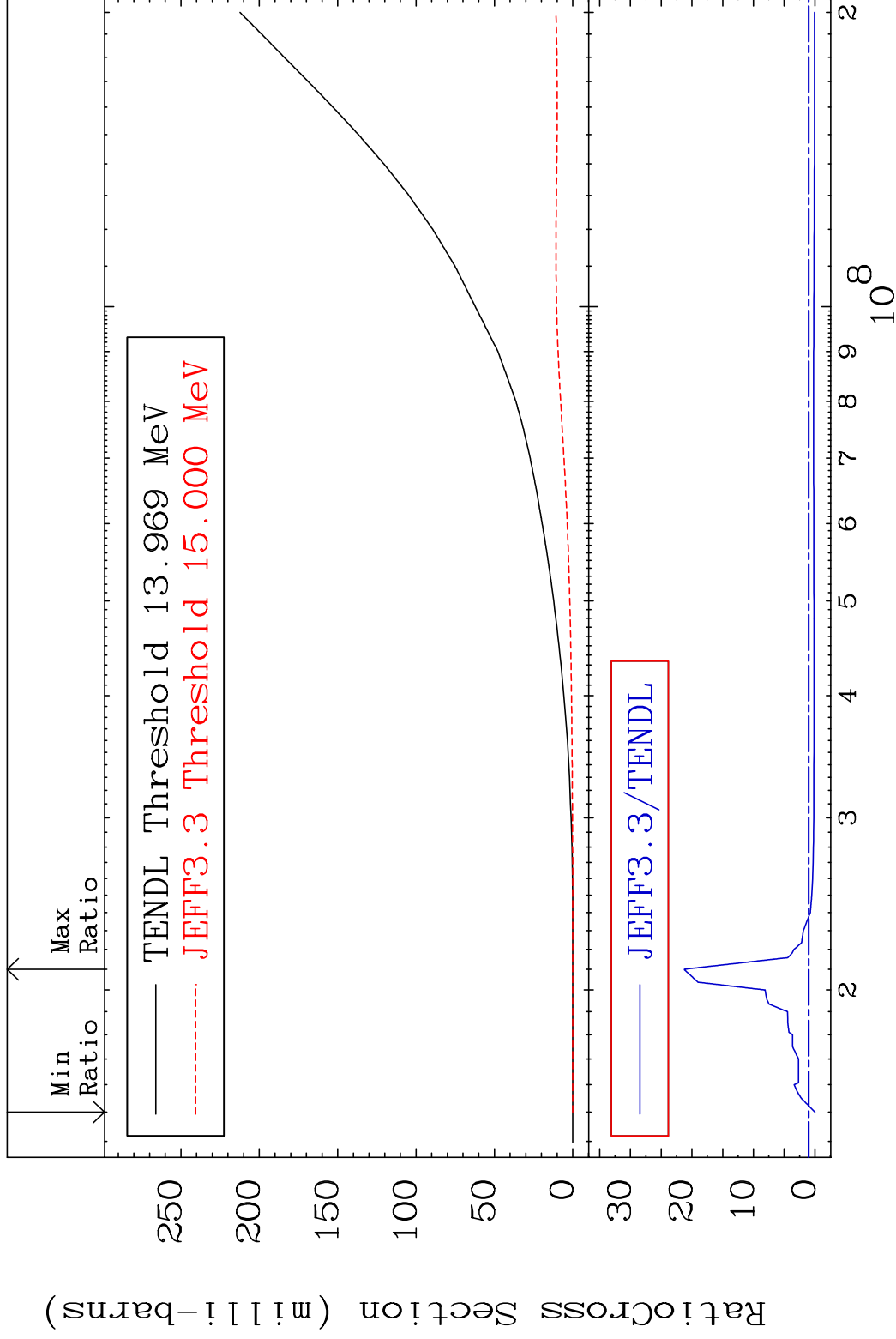


MAT 2637

He-3 Production

<sup>26</sup>Fe-58

Cross Section -100.0 To 2024. %

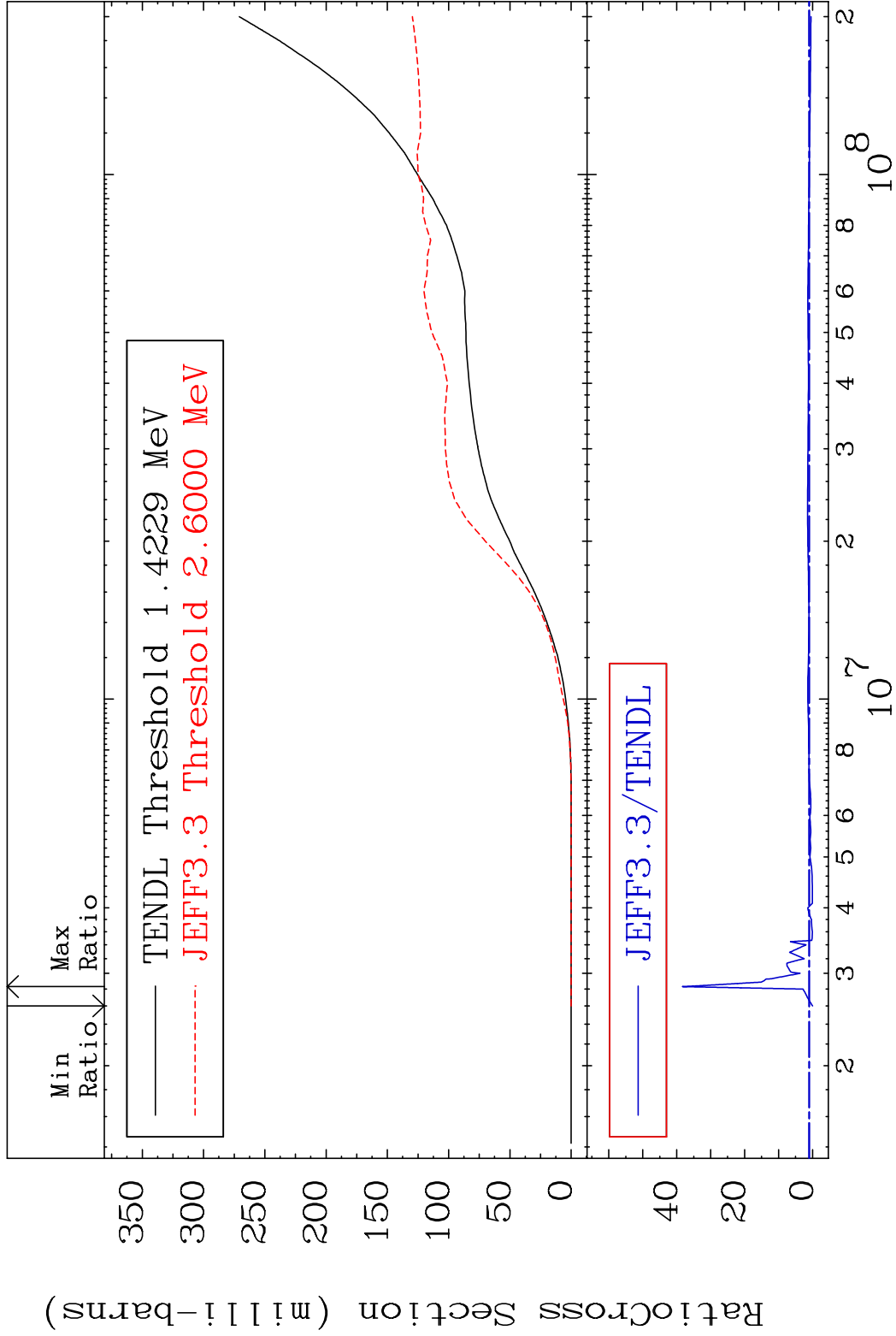


MAT 2637

He-4 Production

<sup>26</sup>Fe-58

Cross Section -100.0 To 3734. %

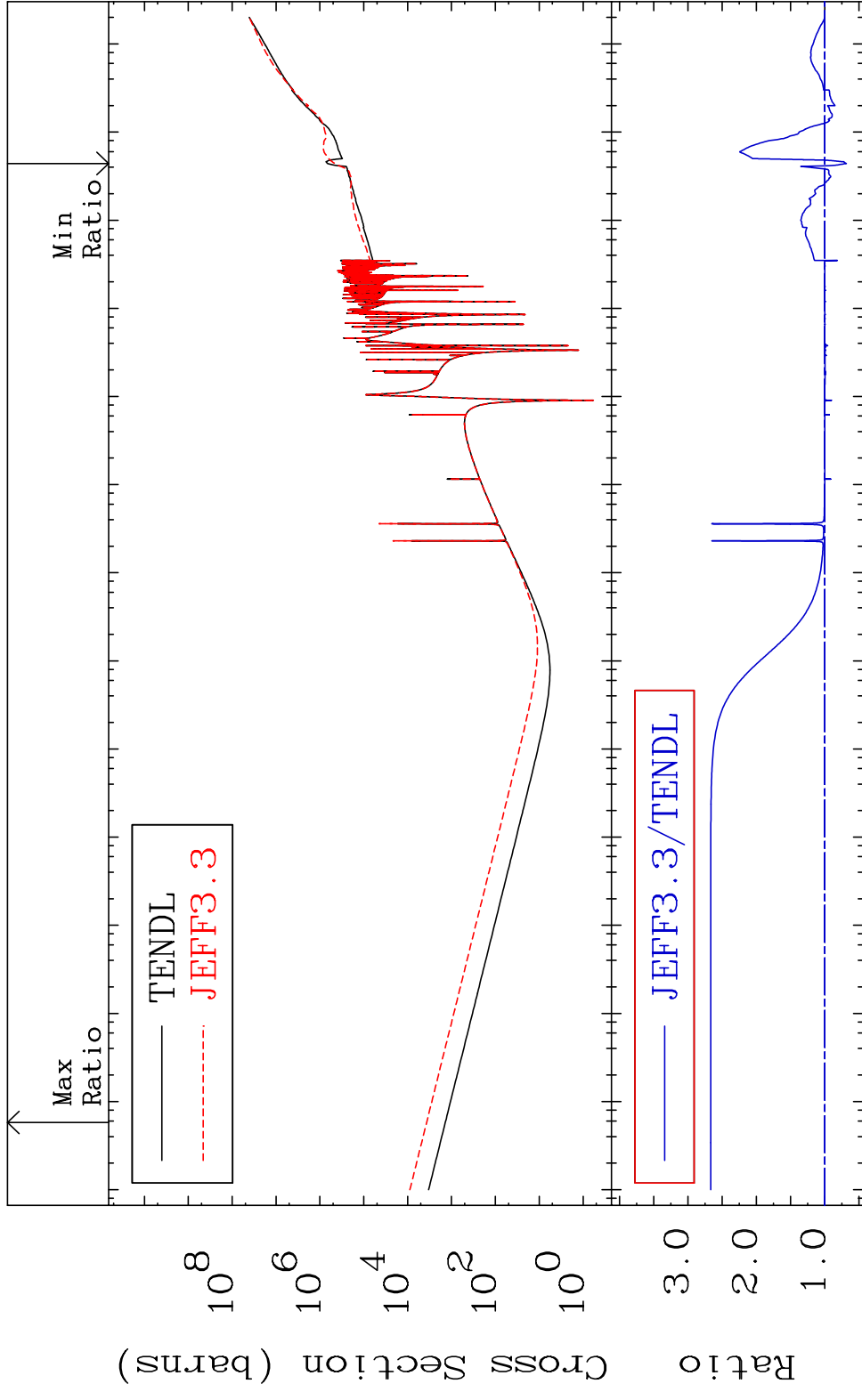


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Incident Energy (eV)

<sup>26</sup>Fe-58

MAT 2637 Kerma total (eV-barns) 26-Fe-58  
 Cross Section -31.56 To 166.7 %

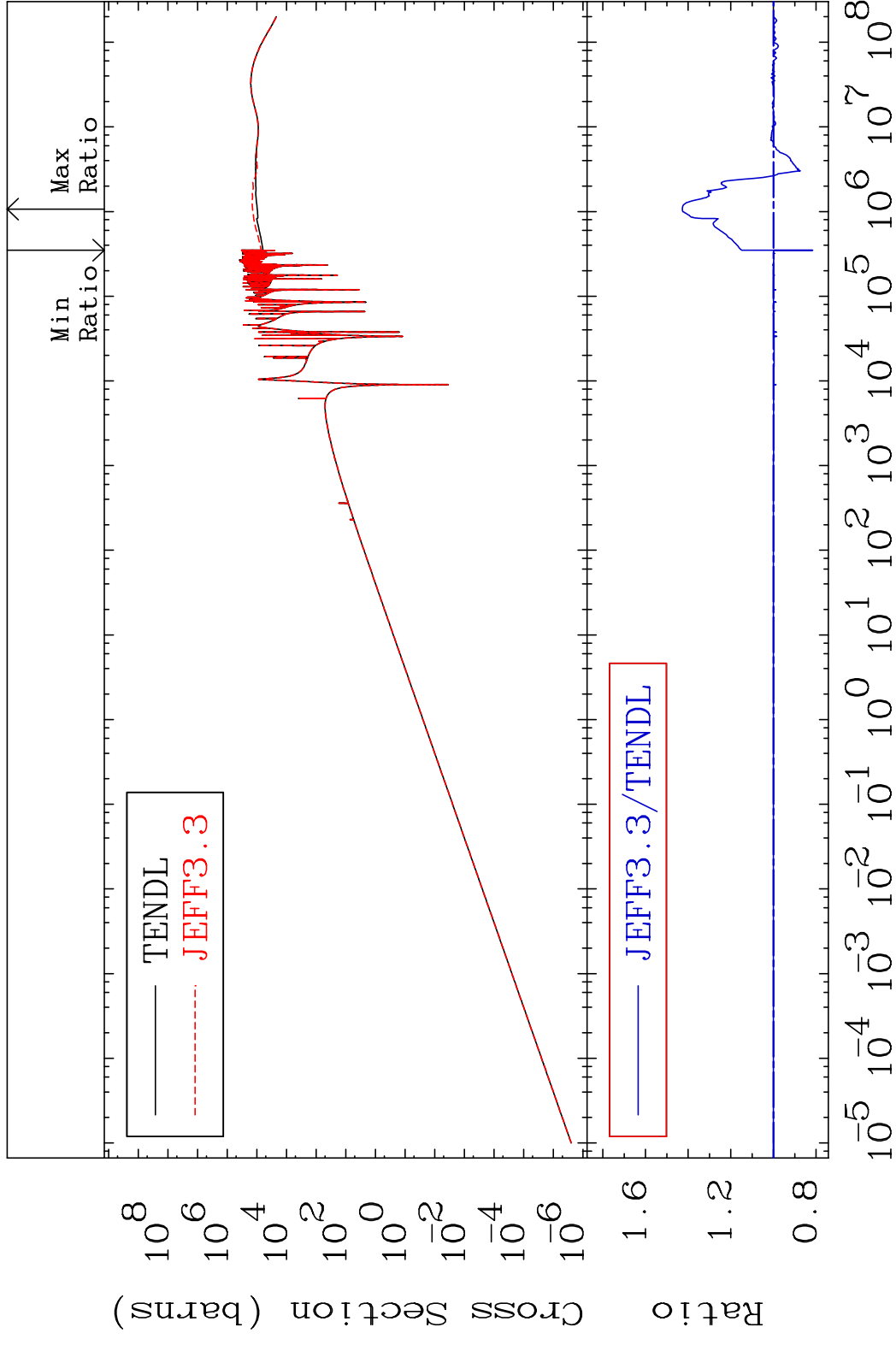


42 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic  
Cross Section

26-Fe-58  
-18.33 To 42.74 %

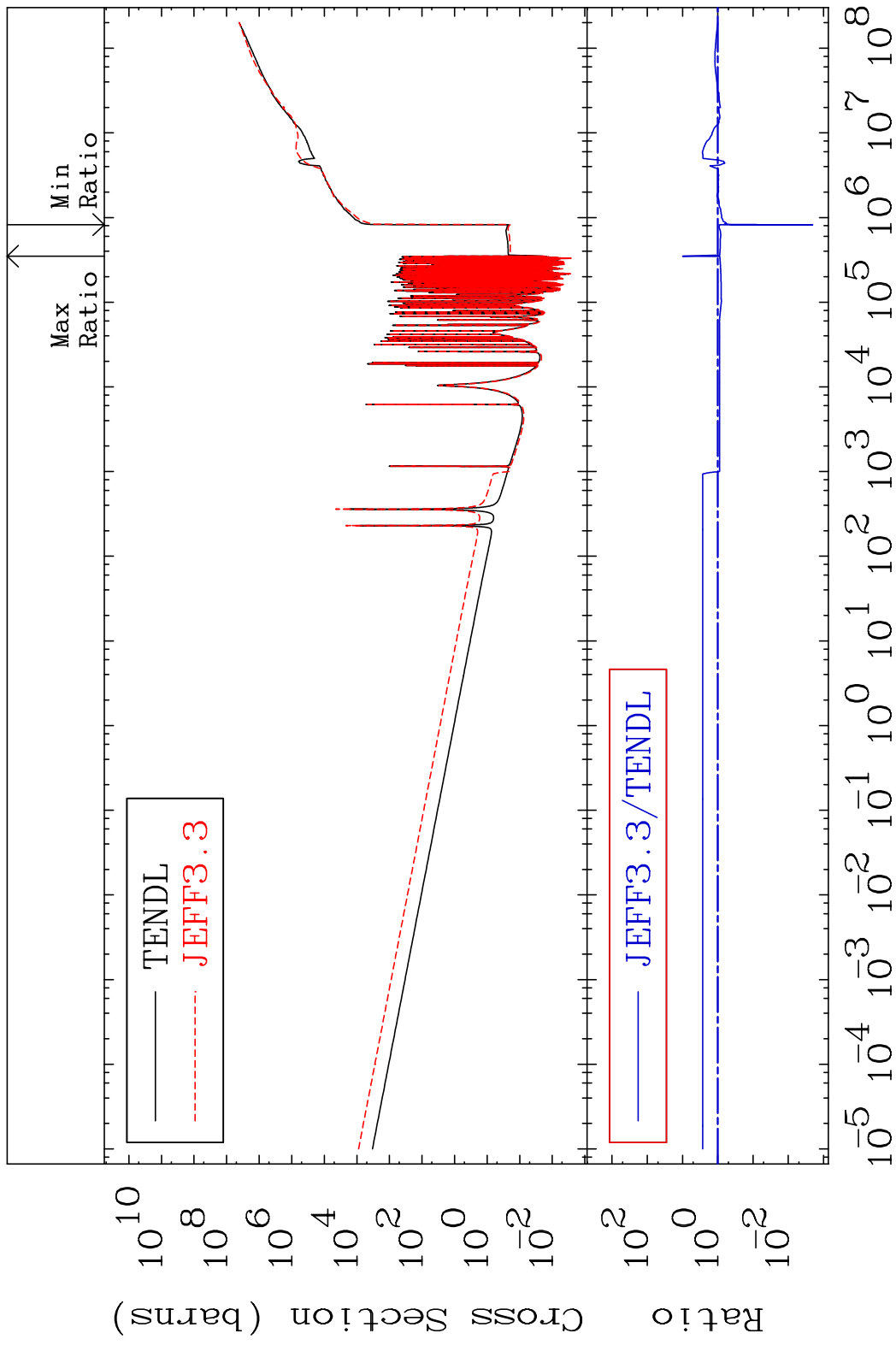


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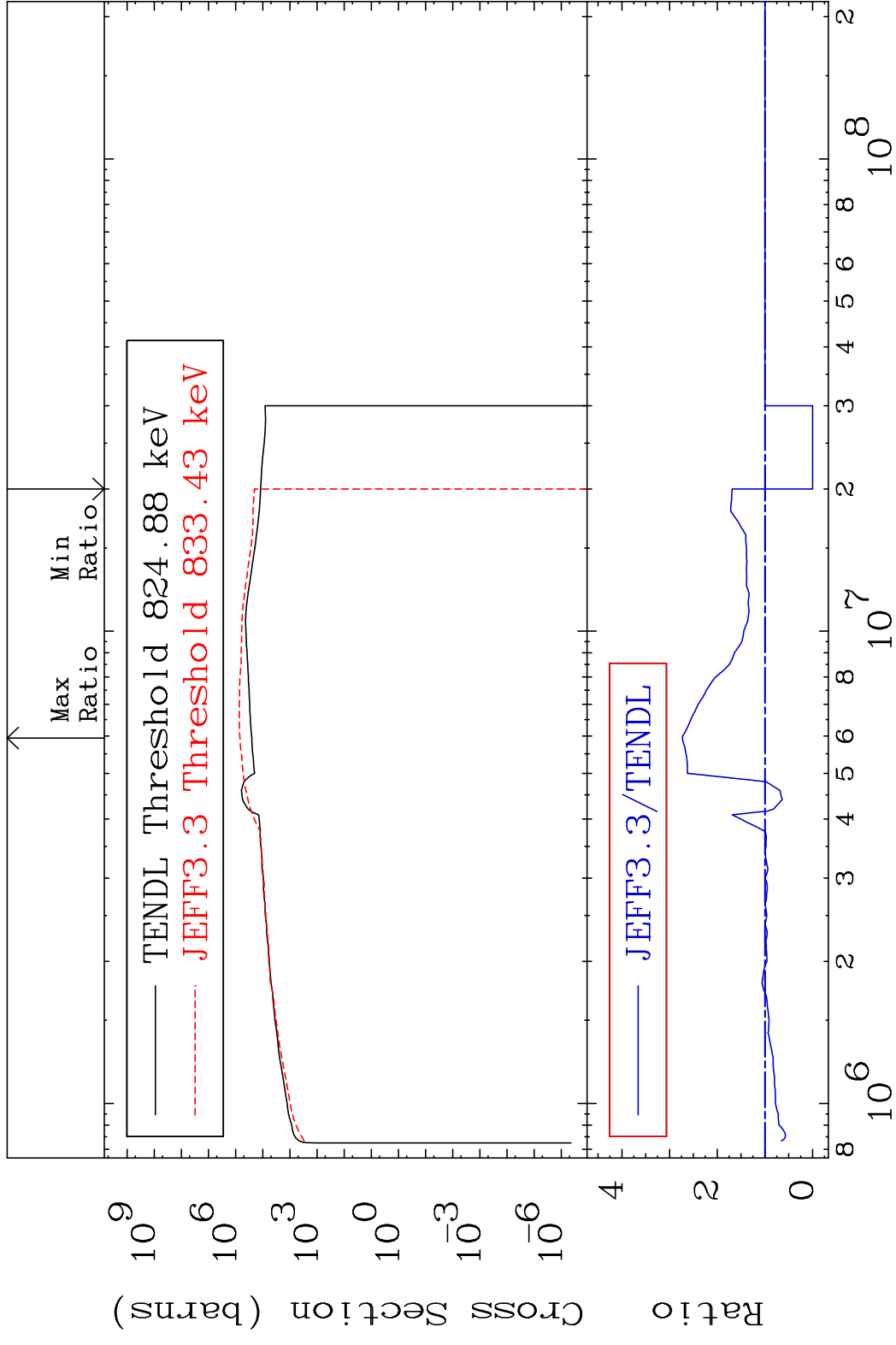
Incident Energy (eV)

26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58  
 Cross Section -99.79 To 911.1 %

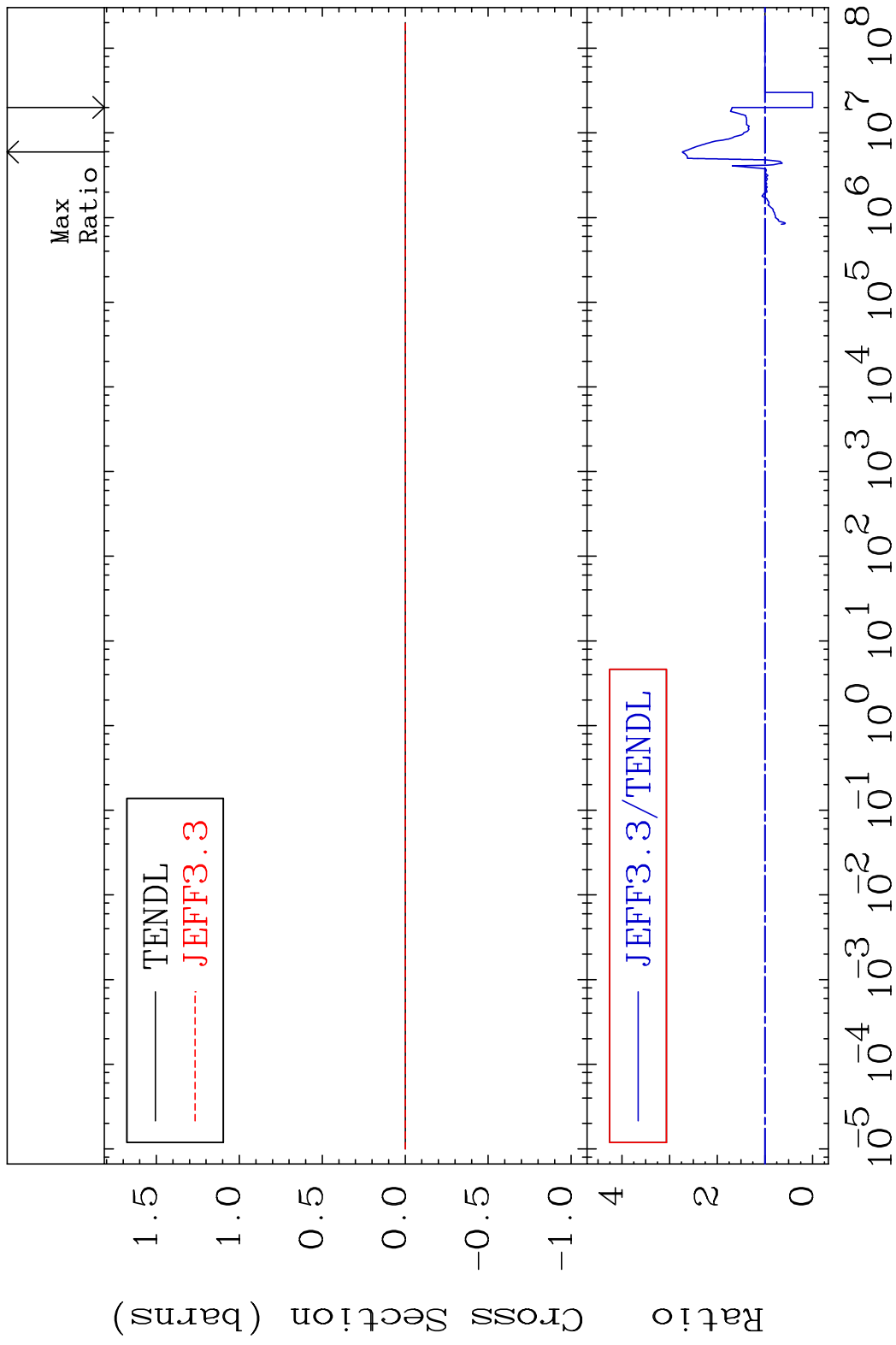


MAT 2637 Kerma inelastic (mt51-91) <sup>26</sup>Fe-58  
 Cross Section -100.0 To 173.1 %



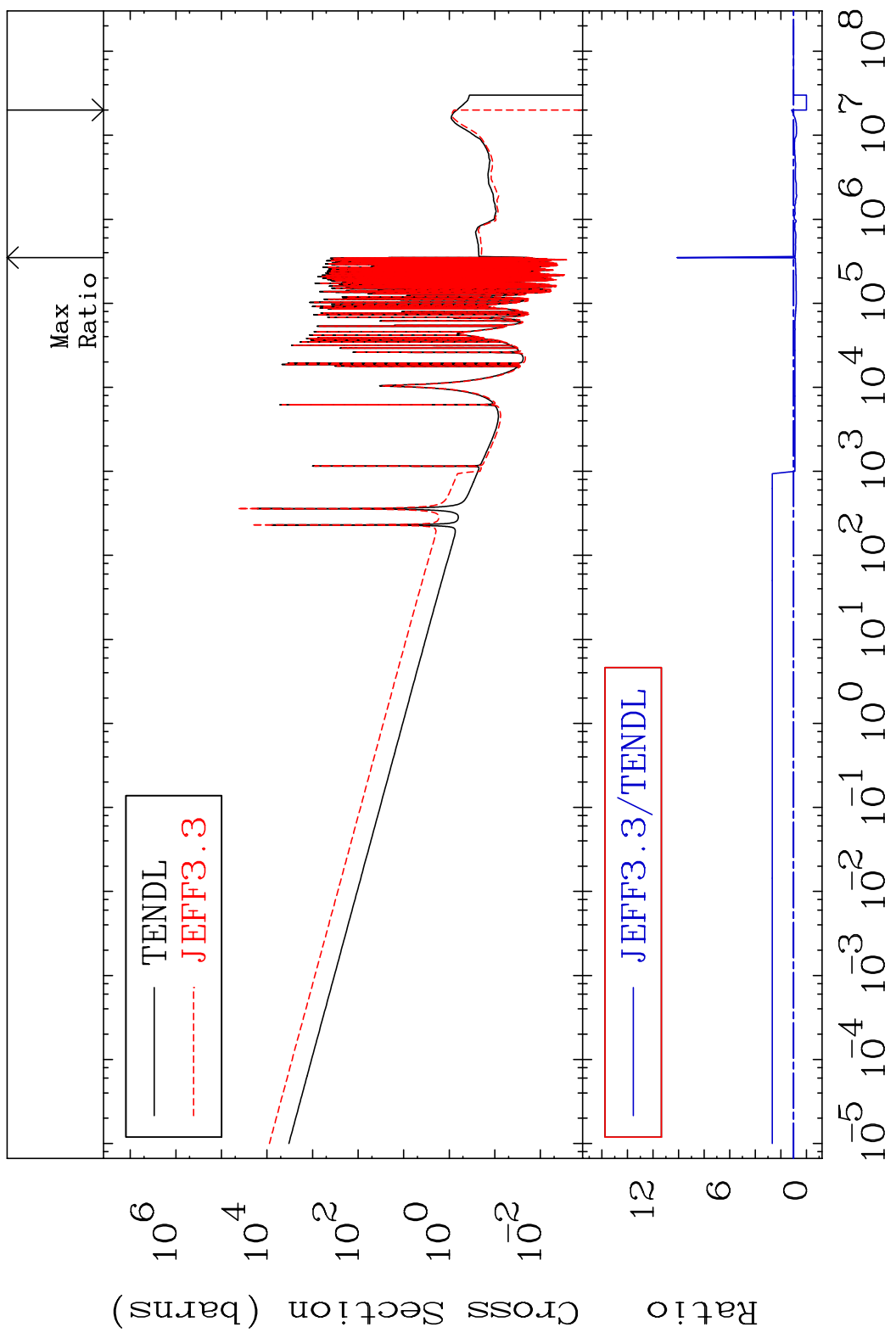
45 Incident Energy (eV) <sup>26</sup>Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58  
 Cross Section -100.0 To 173.1 %



MAT 2637

Kerma capture (mt102) 26-Fe-58  
Cross Section -100.0 To 911.1 %



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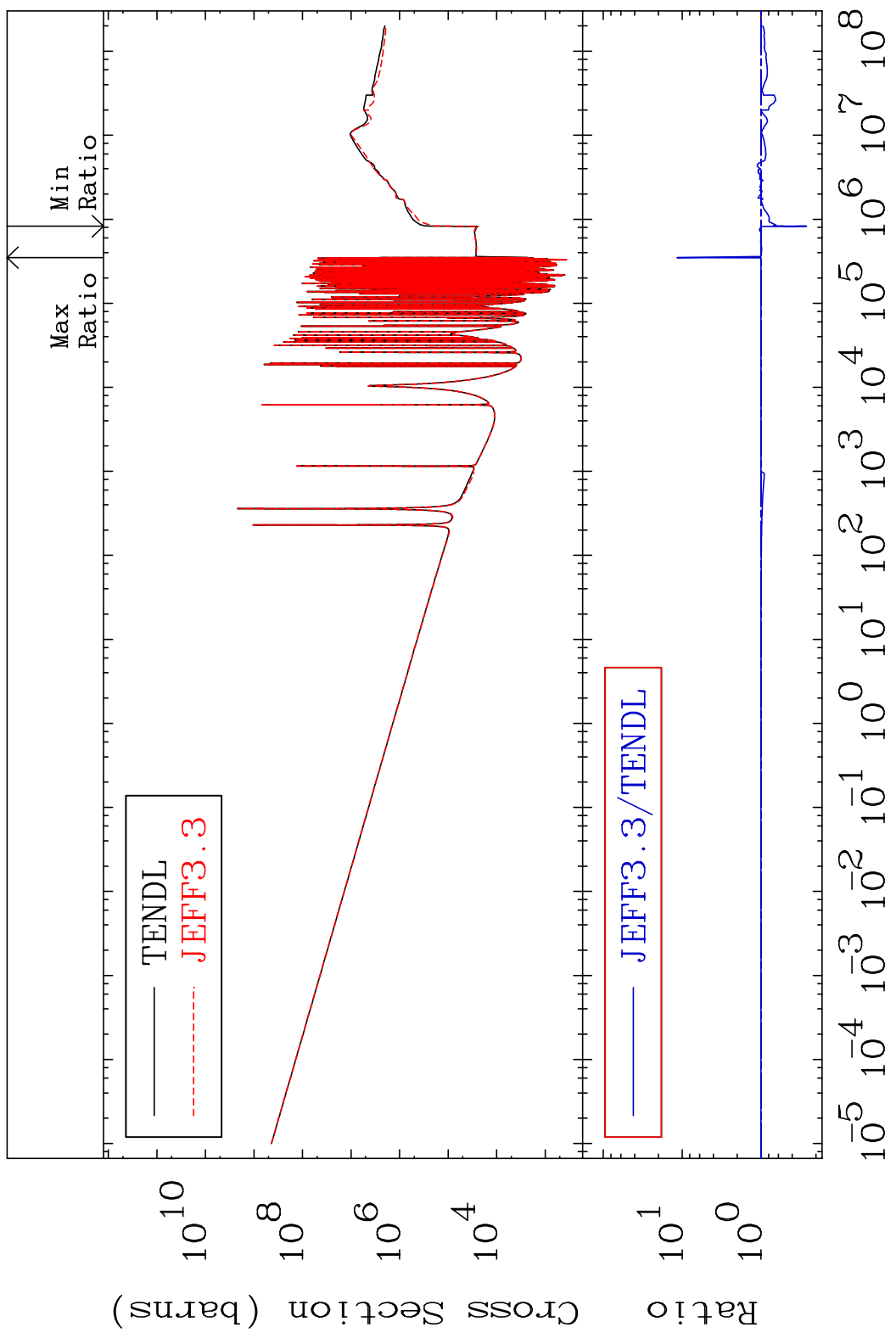
Incident Energy (eV)

26-Fe-58



MAT 2637

Total photon (eV-barns) 26-Fe-58  
Cross Section -73.50 To 1055. %

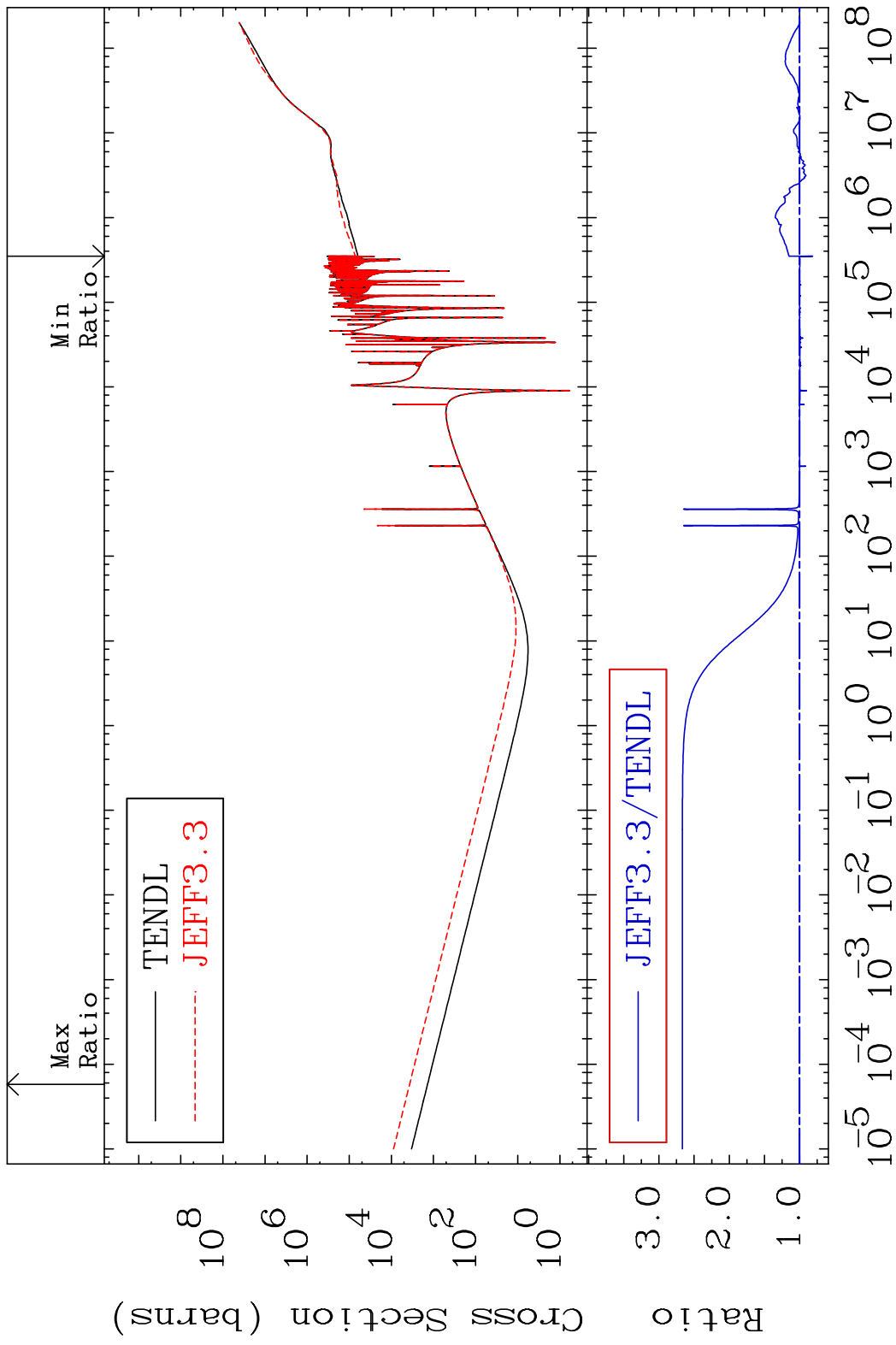


48

Incident Energy (eV)

26-Fe-58

MAT 2637 Total kinematic kerma (high limit) 26-Fe-58  
Cross Section -18.33 To 166.7 %

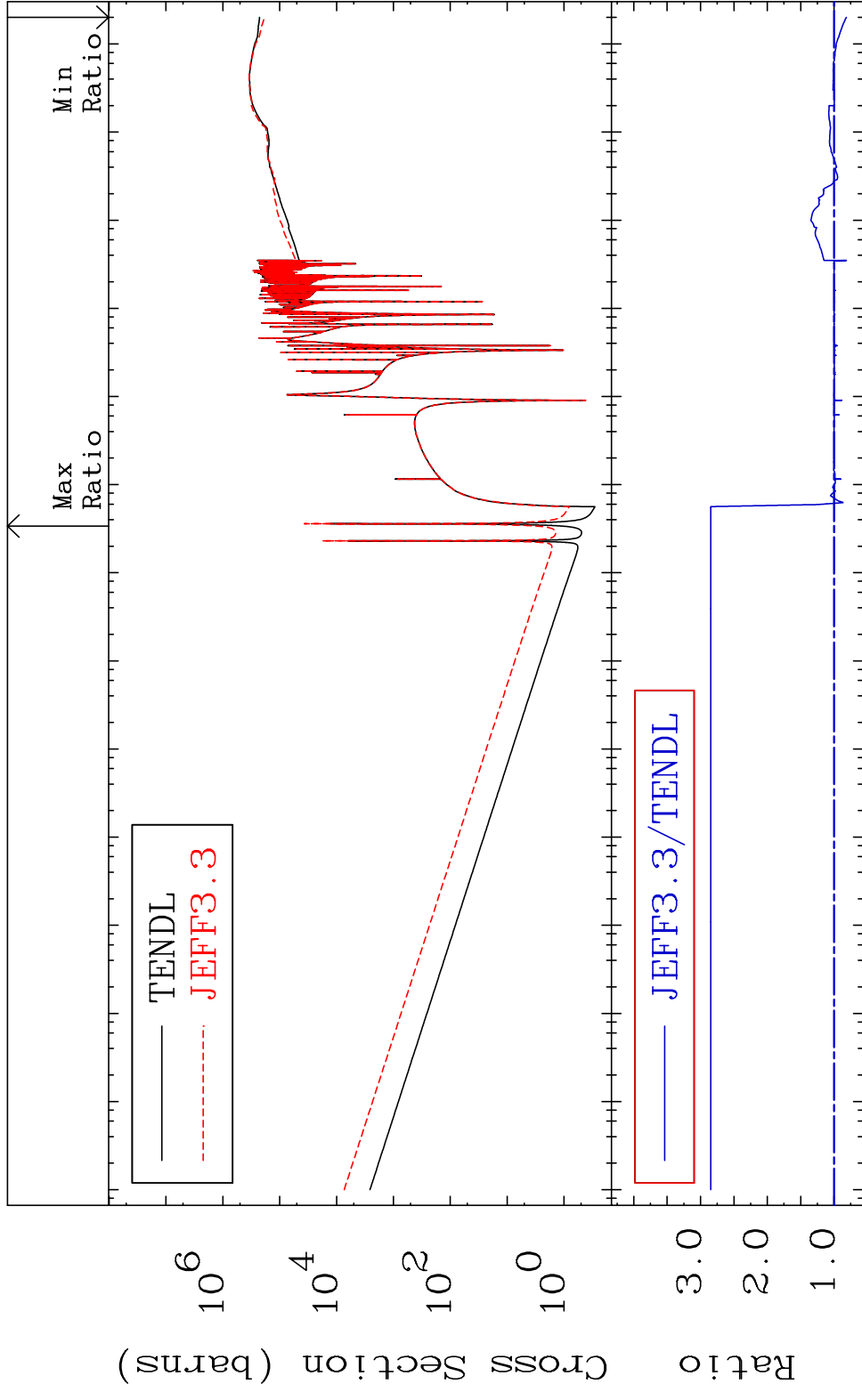


MAT 2637

Dpa total (eV-barns)

26-Fe-58

Cross Section -18.39 To 184.8 %



50

Incident Energy (eV)

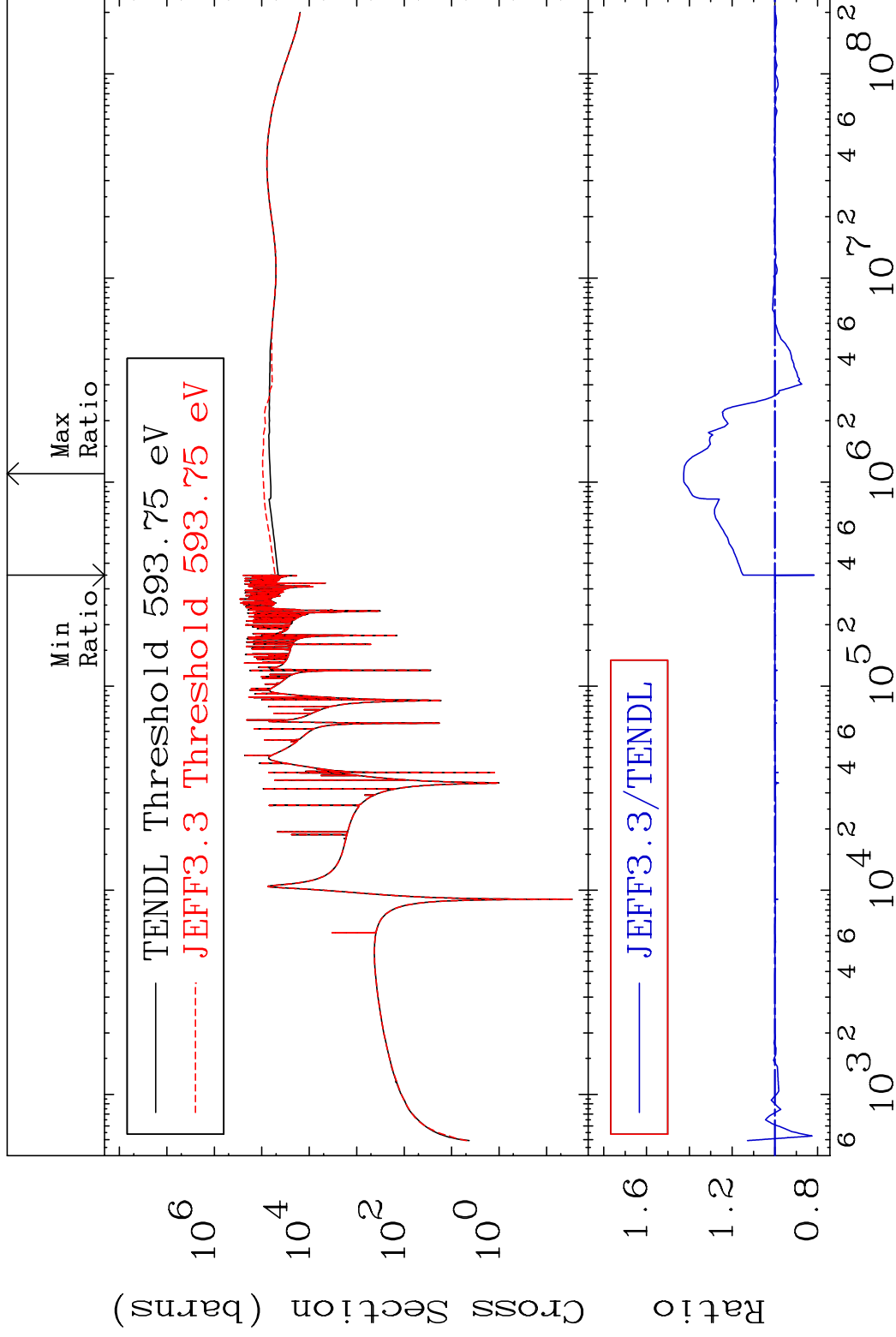
26-Fe-58

MAT 2637

Dpa elastic (mt2)

<sup>26</sup>Fe-58

Cross Section -18.33 To 42.65 %

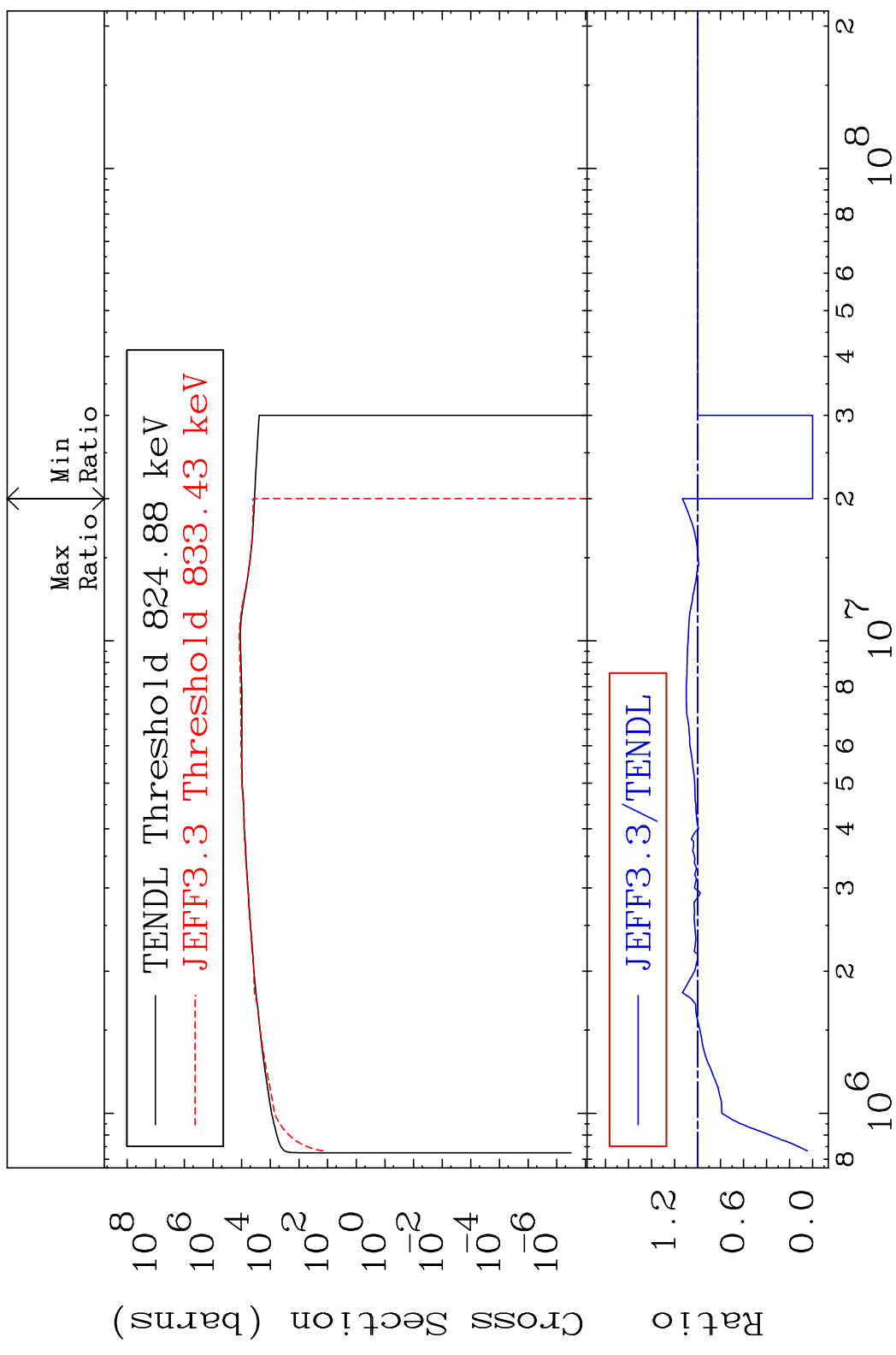


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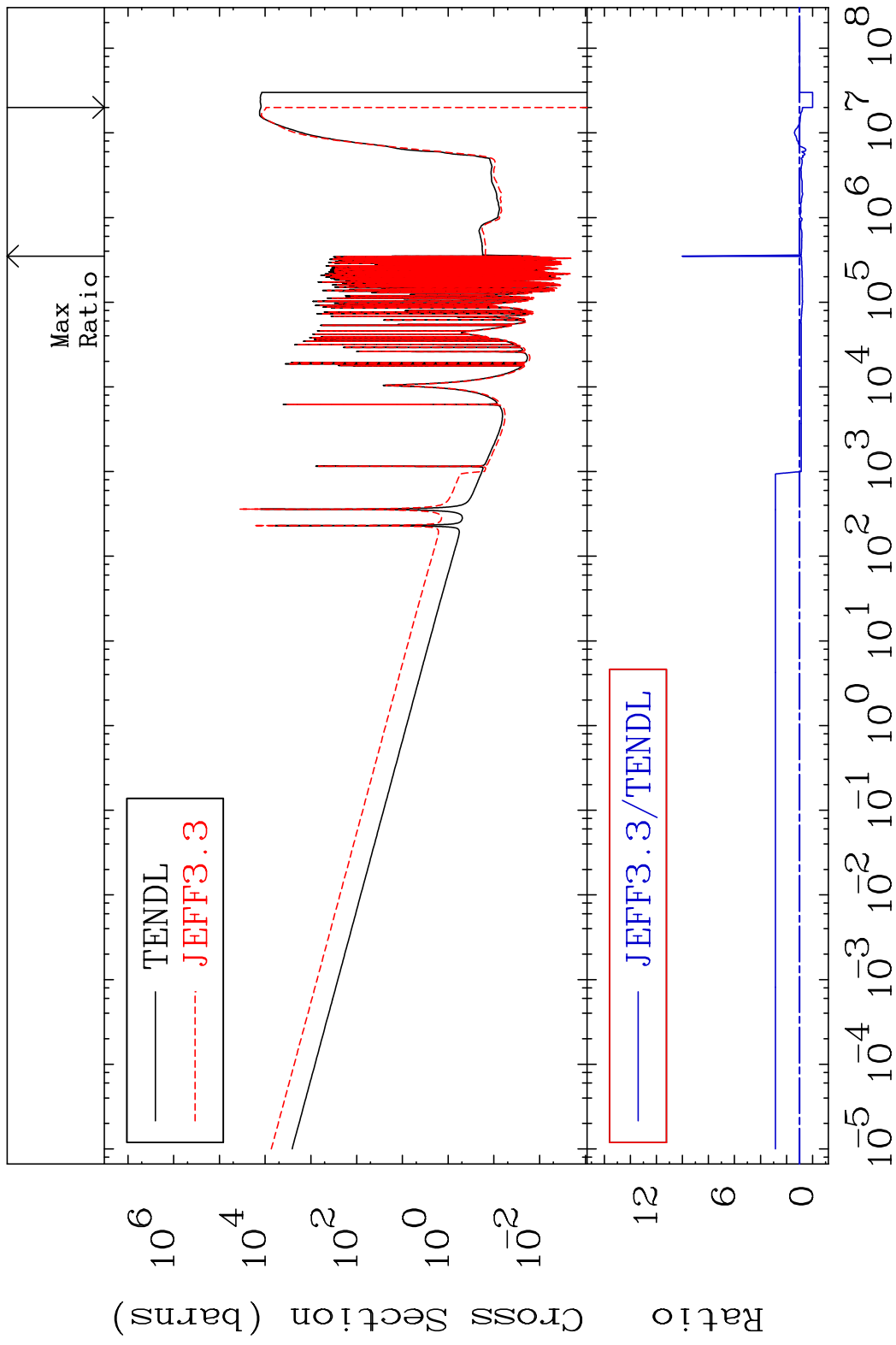
Incident Energy (eV)

<sup>26</sup>Fe-58

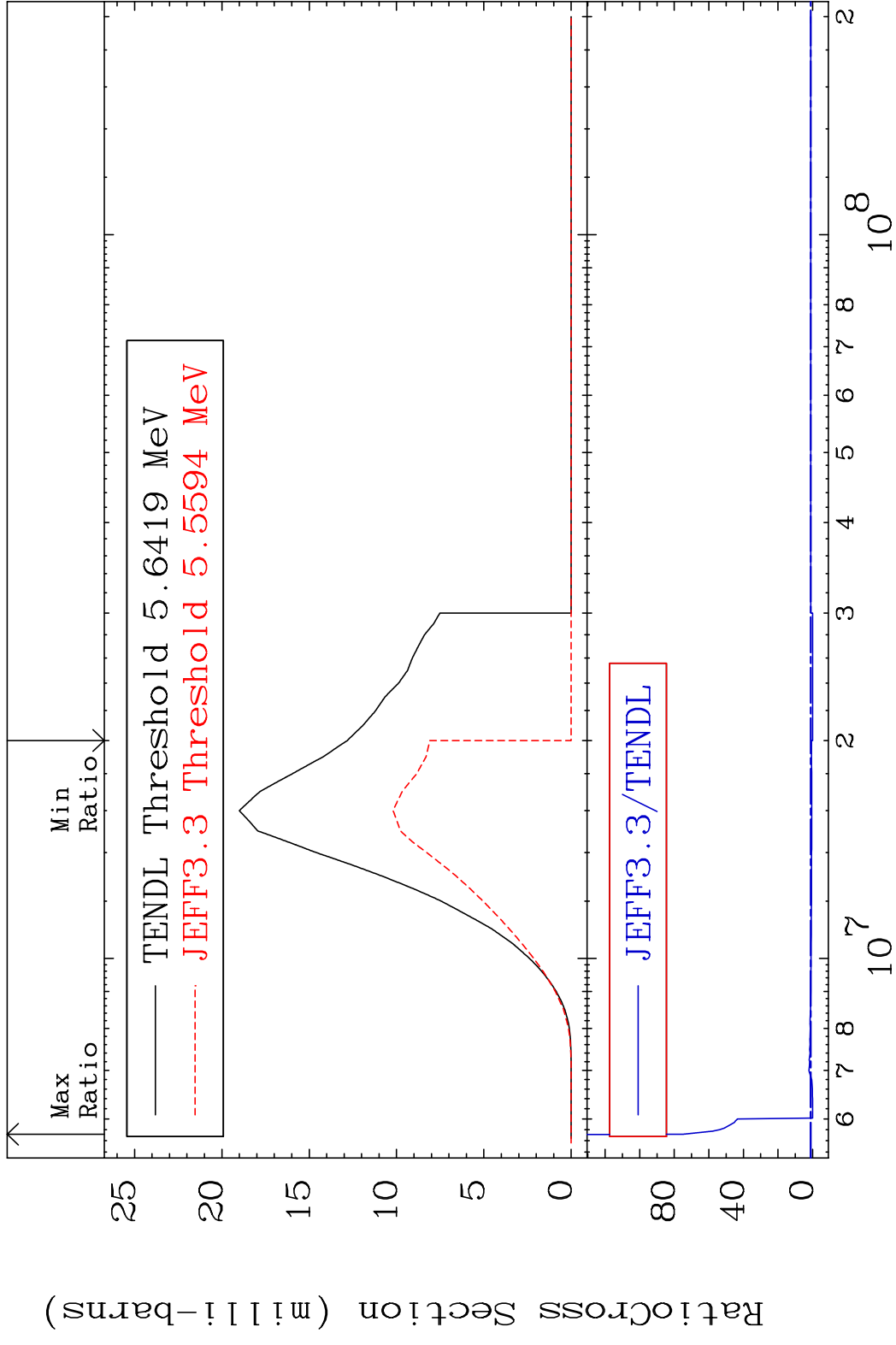
Cross Section -100.0 To 13.24 %



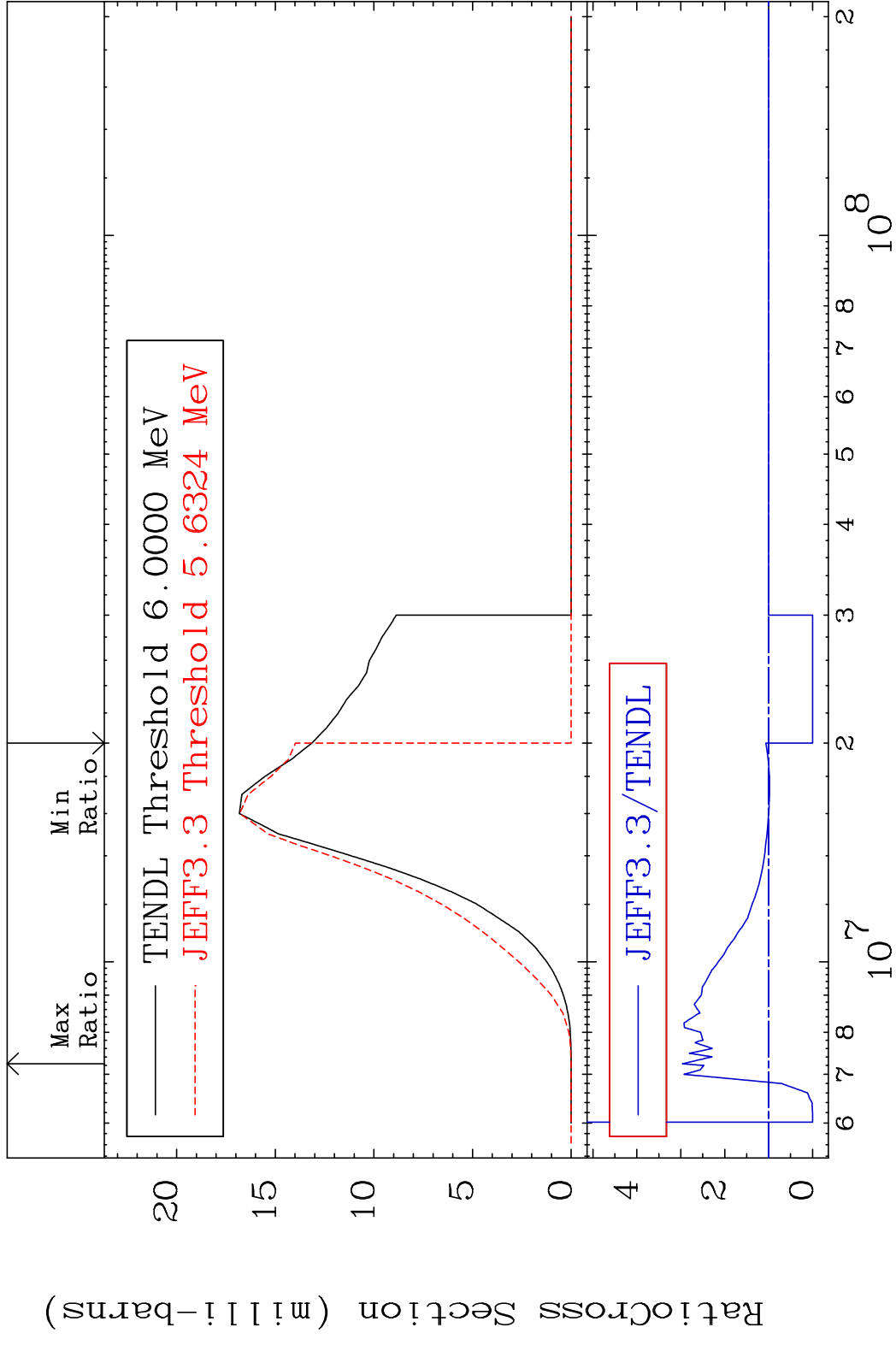
MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58  
 Cross Section -100.0 To 900.6 %



MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58  
 Radionuclide Production Cross Section 1800 d to 7433. %

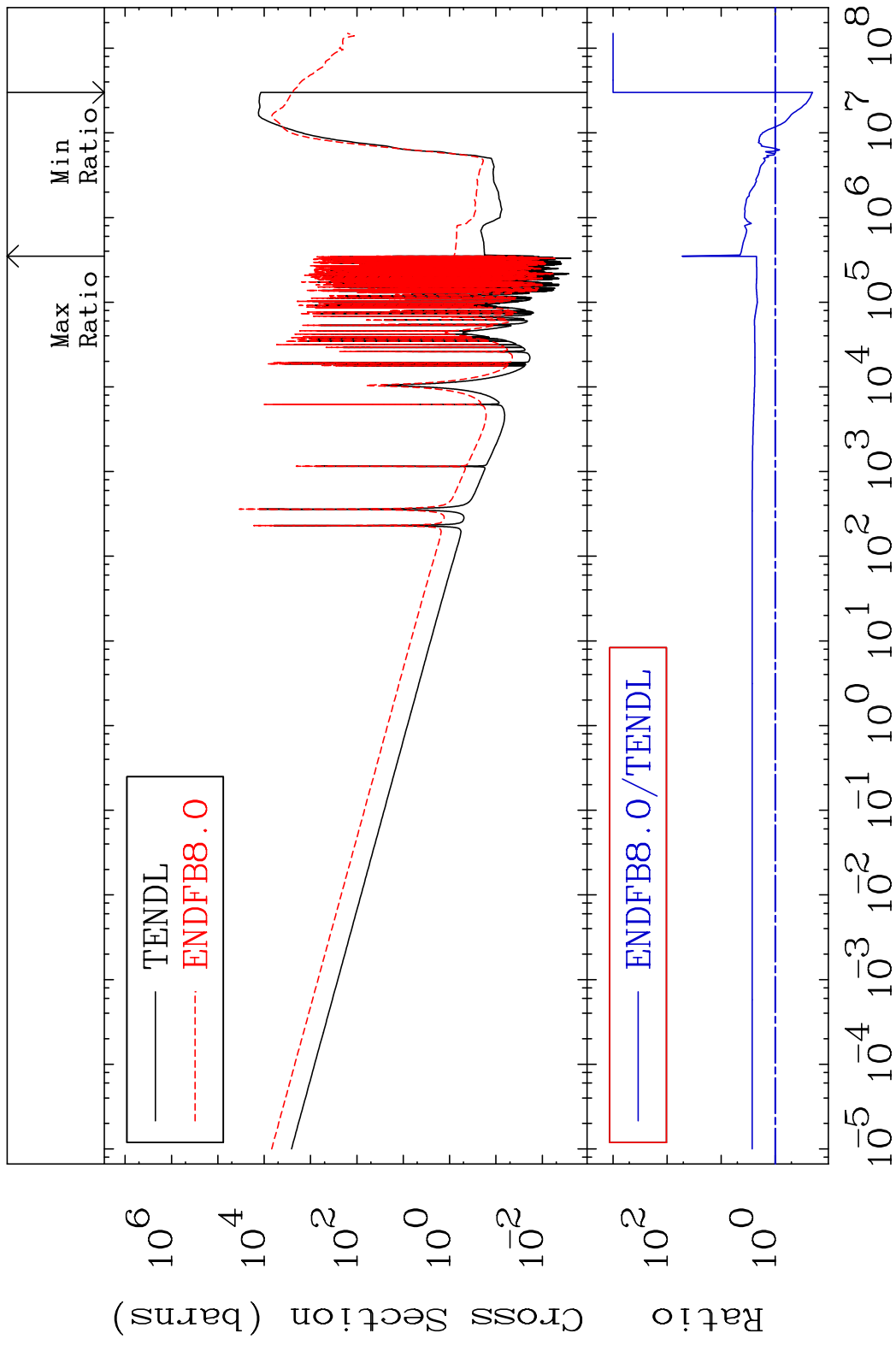


MAT 2637 (n,p):25-Mn-58m1 26-Fe-58  
 Radionuclide Production Cross Section 186.01 dth 196.4 %



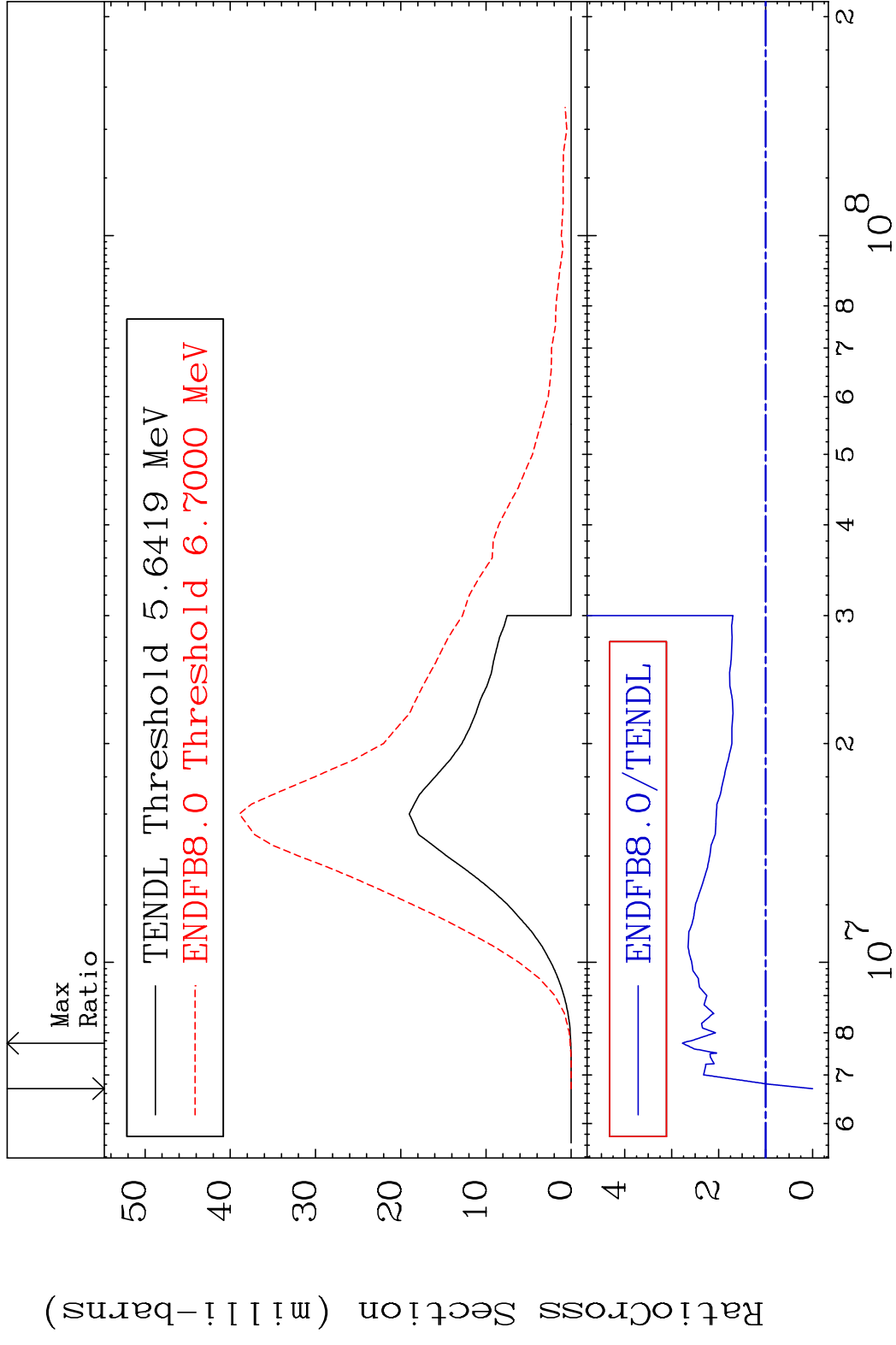


MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58  
 Cross Section -79.59 To 5111. %



56 Incident Energy (eV) 26-Fe-58

MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58  
 Radionuclide Production Cross Section 180.0 mb 177.4 %



MAT 2637 (n,p):25-Mn-58m1 26-Fe-58  
 Radionuclide Production Cross Section 180.0 dth 200.0 %

