

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

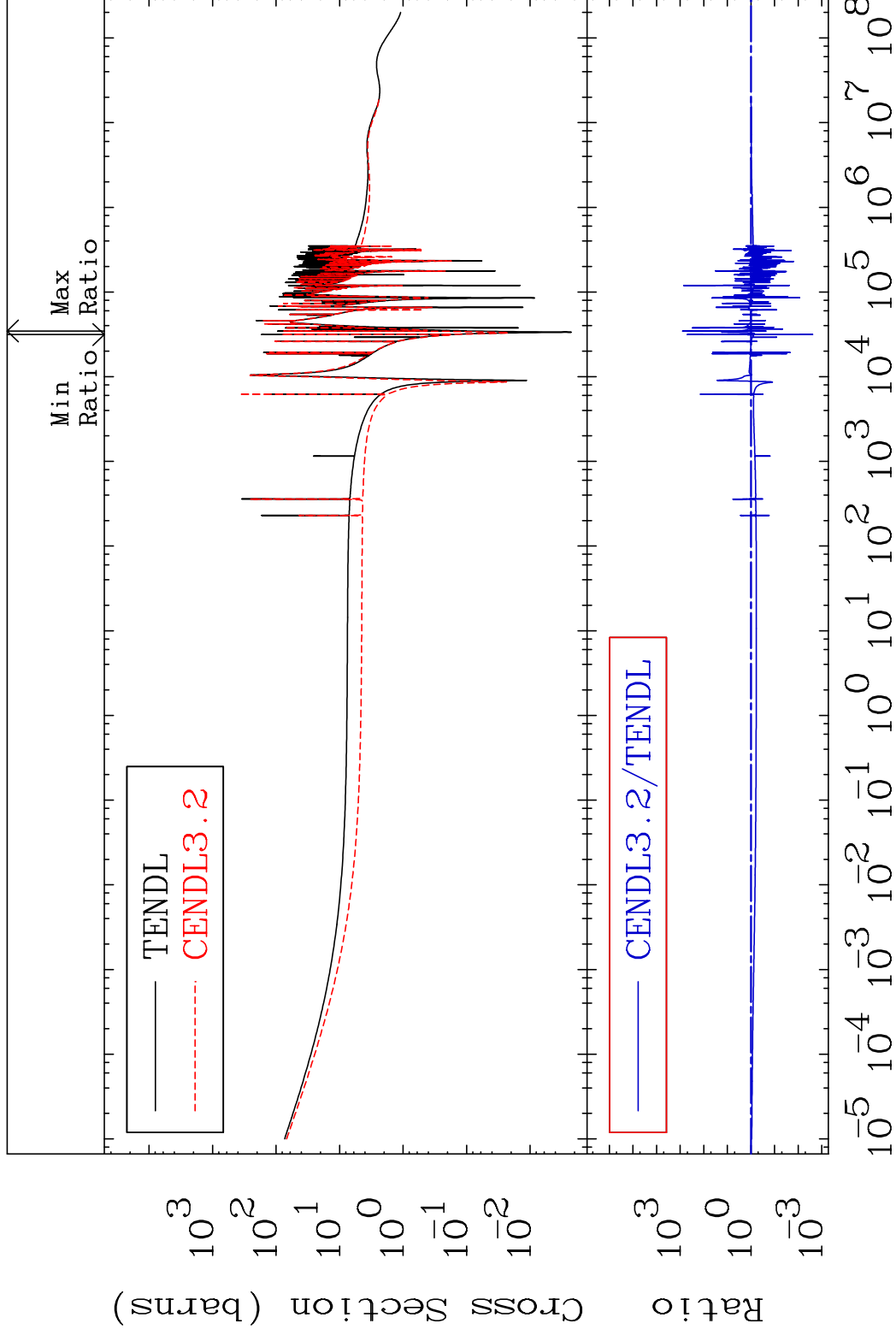
MAT 2637

Total

<sup>26</sup>Fe-58

Cross Section

-99.75 To 9999. %



1

Incident Energy (eV)

<sup>26</sup>Fe-58

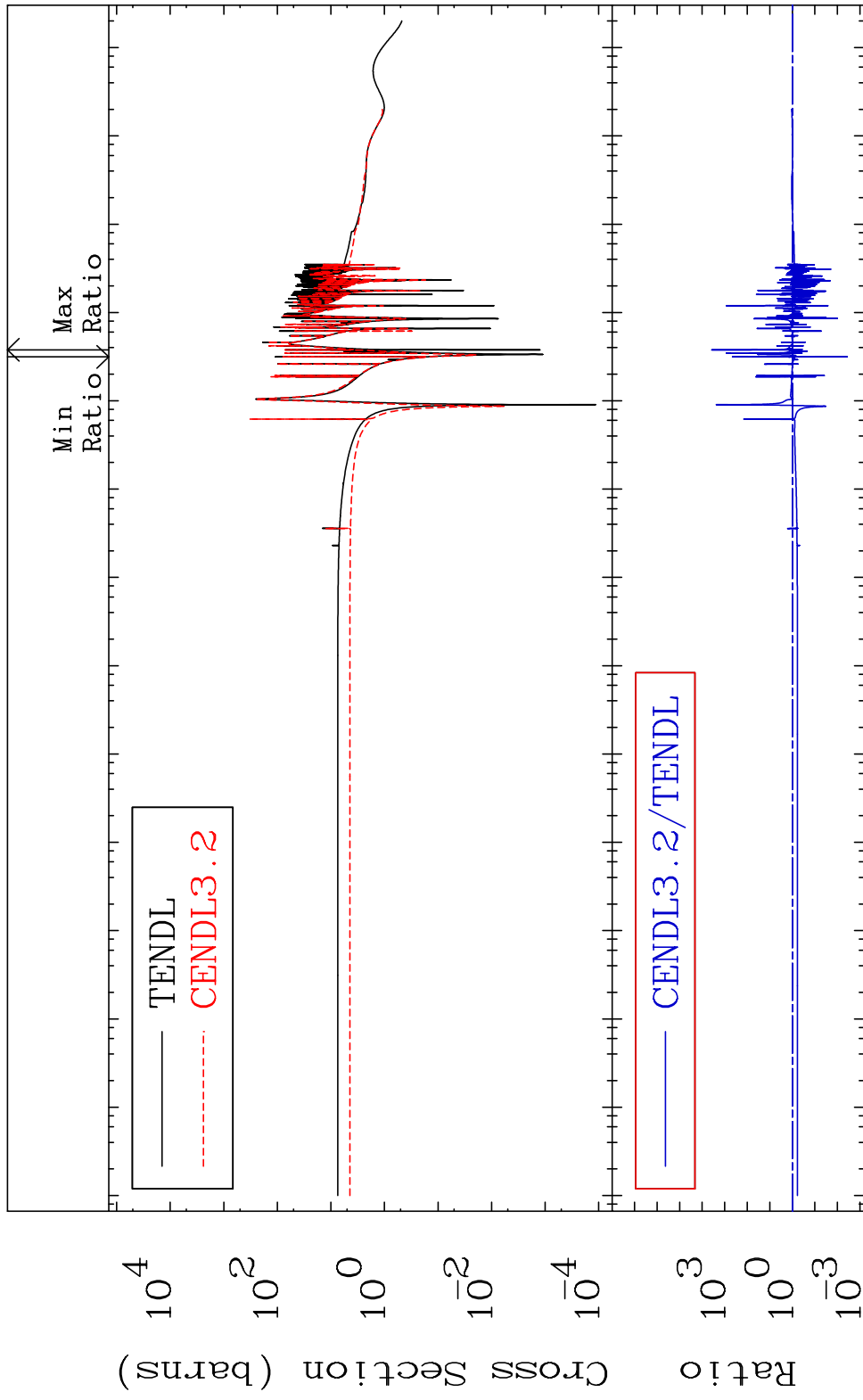
MAT 2637

Elastic

<sup>26</sup>Fe-58

Cross Section

-99.64 To 9999. %



2

Incident Energy (eV)

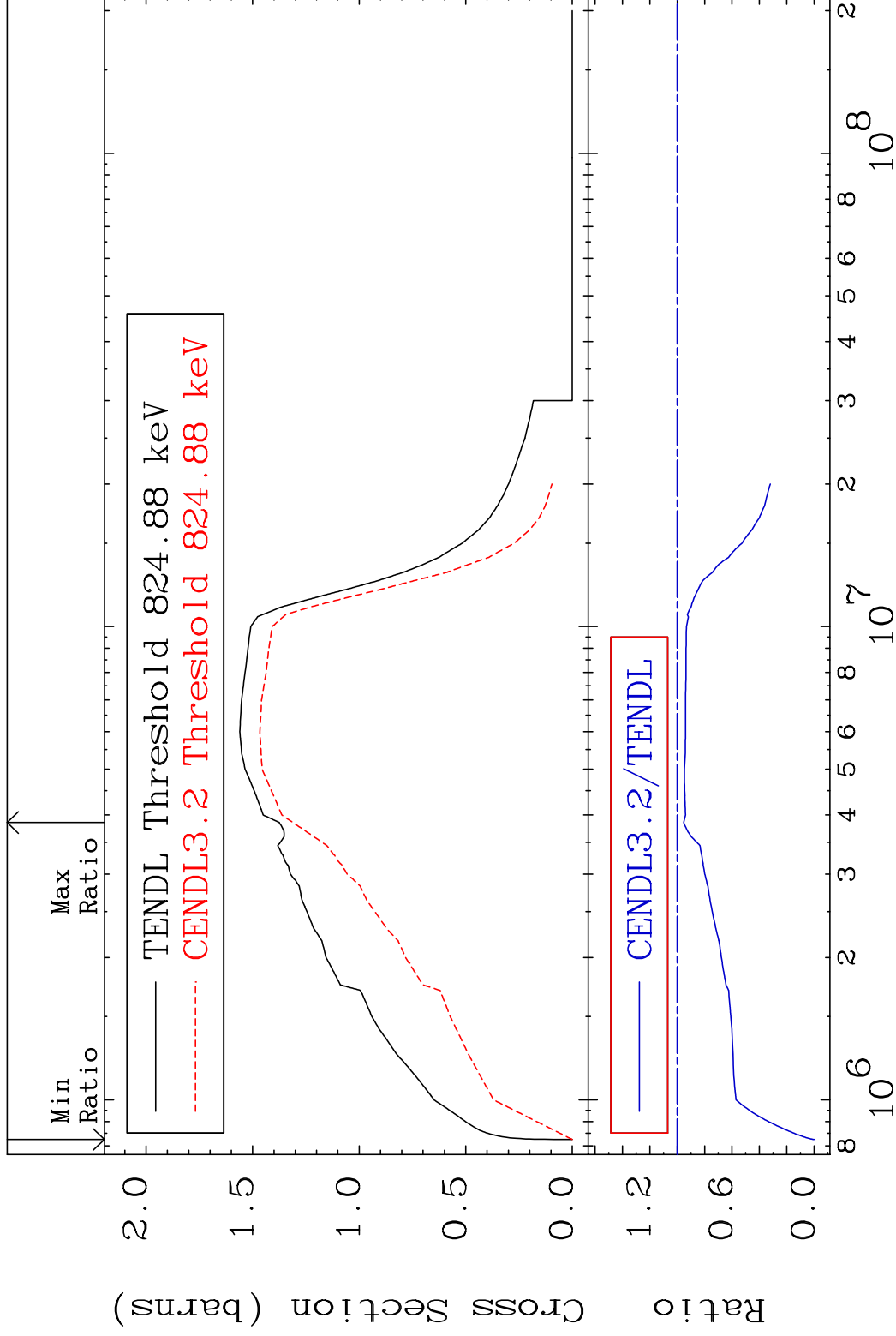
<sup>26</sup>Fe-58

MAT 2637

Inelastic

<sup>26</sup>Fe-58

Cross Section -100.0 To -4.701%



3

Incident Energy (eV)

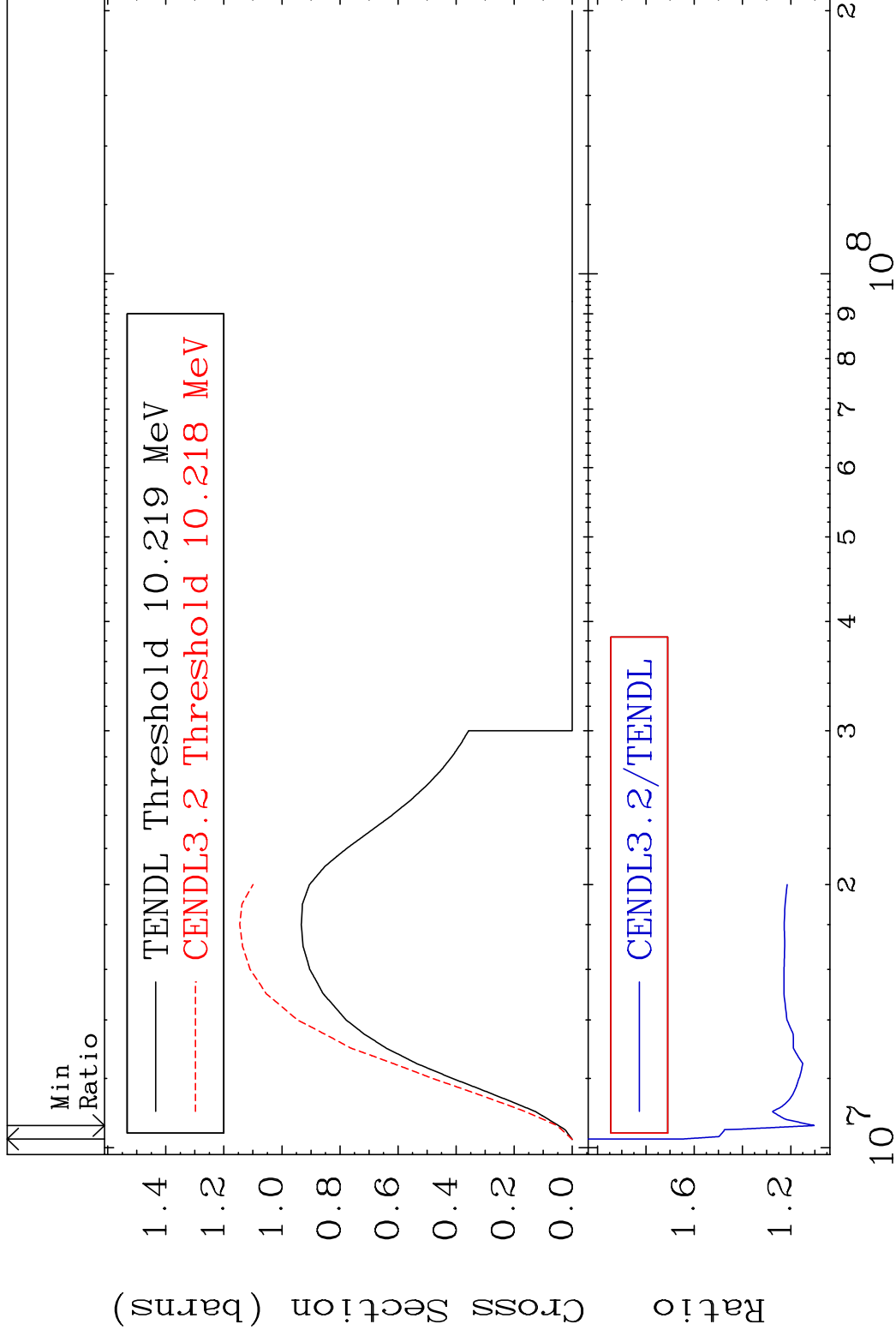
<sup>26</sup>Fe-58

MAT 2637

(n,2n)

<sup>26</sup>Fe-58

Cross Section 10.32 To 64.37 %

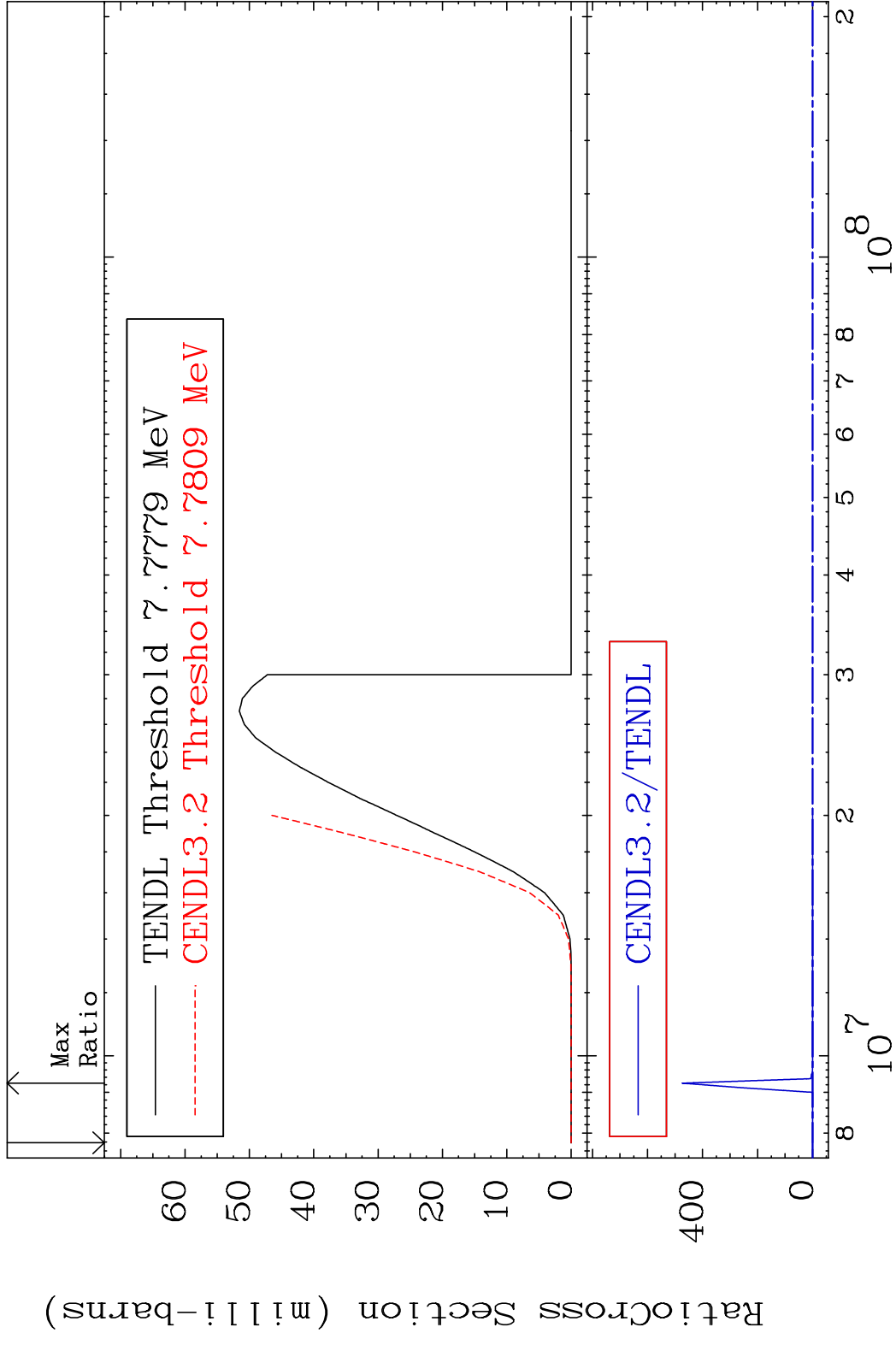


4

Incident Energy (eV)

<sup>26</sup>Fe-58

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



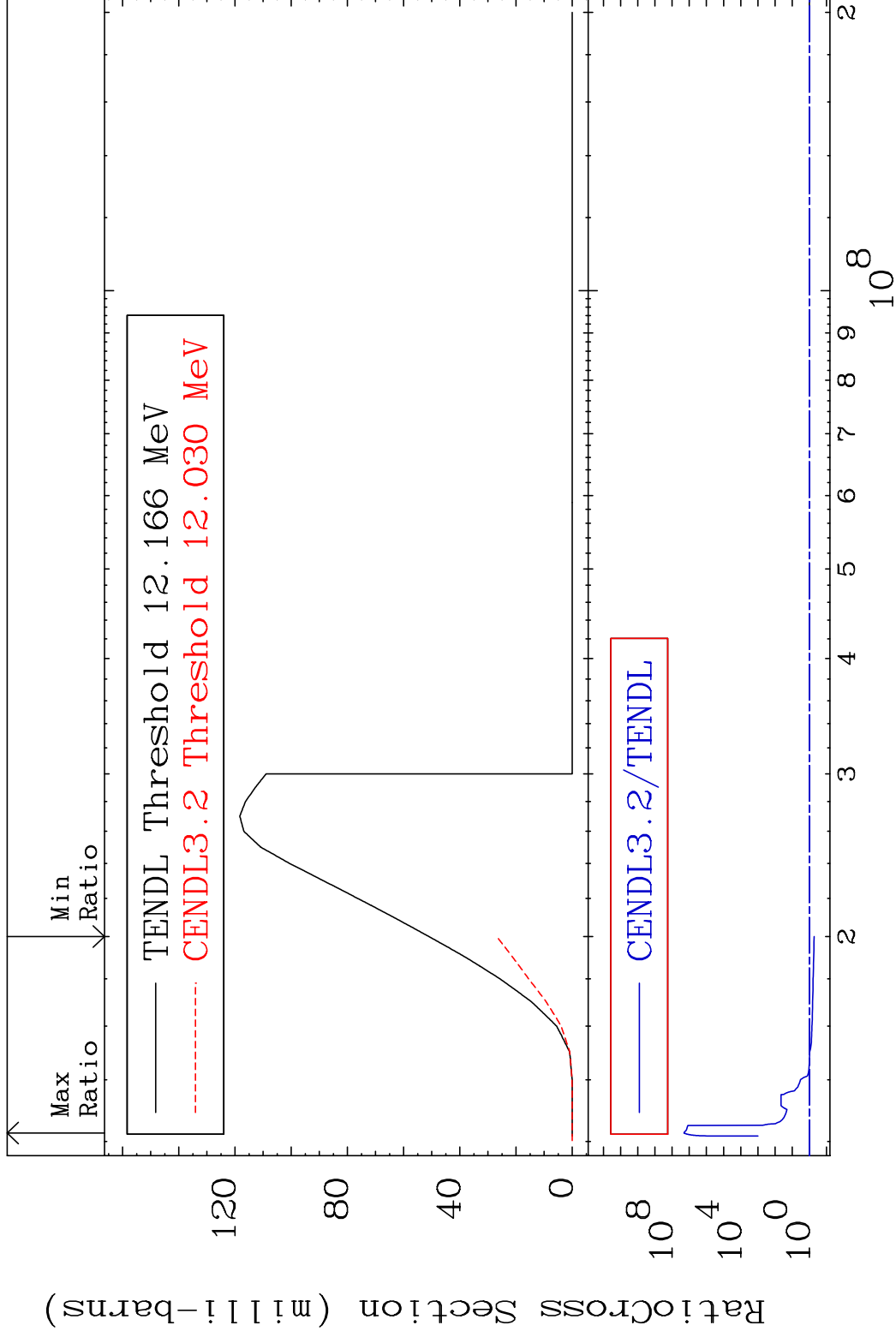
5 26-Fe-58

MAT 2637

(n, n') p

26-Fe-58

Cross Section -47.29 To 9999. %

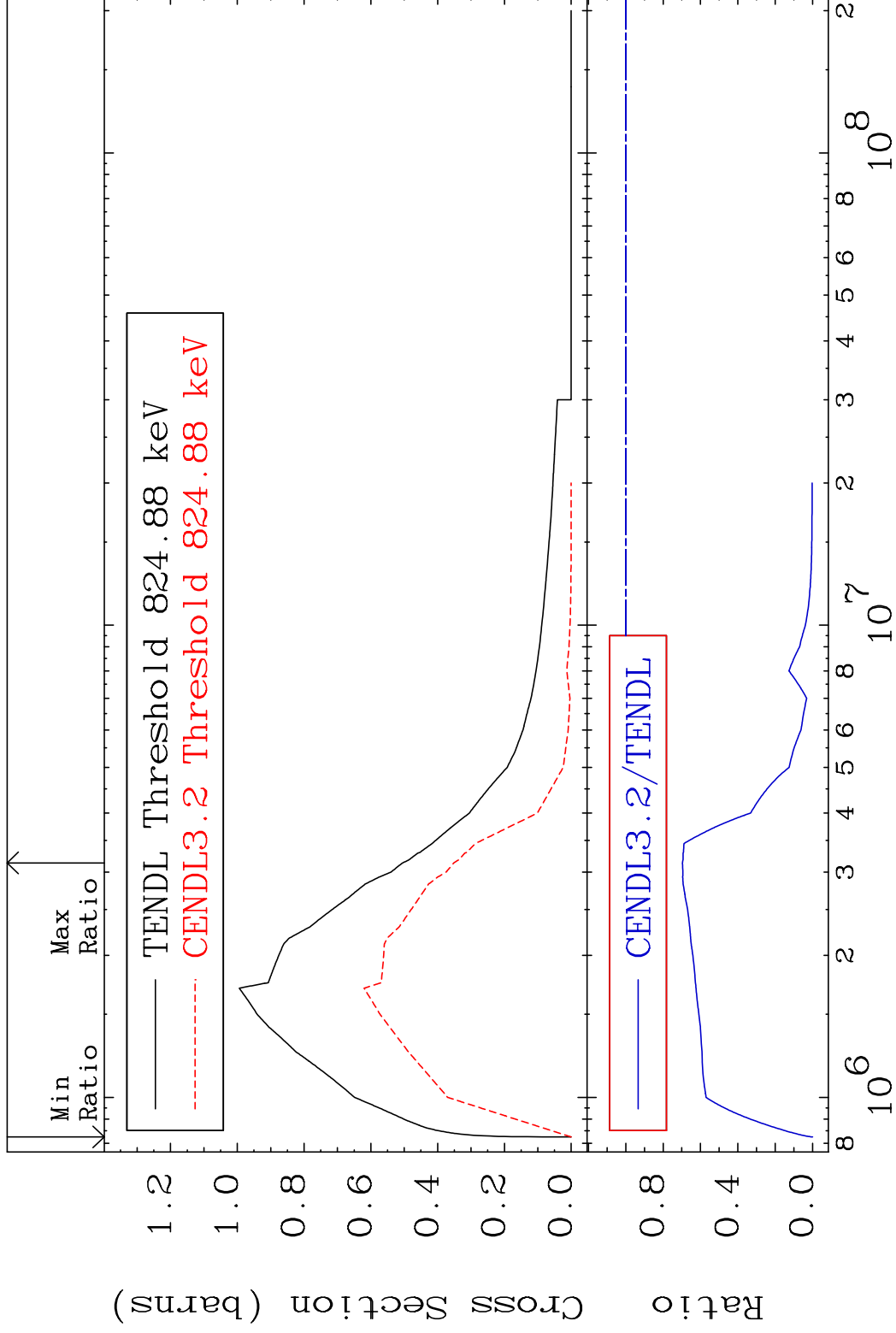


MAT 2637

MT= 51 (n,n') Level

<sup>26</sup>Fe-58

Cross Section -100.0 To -30.29%



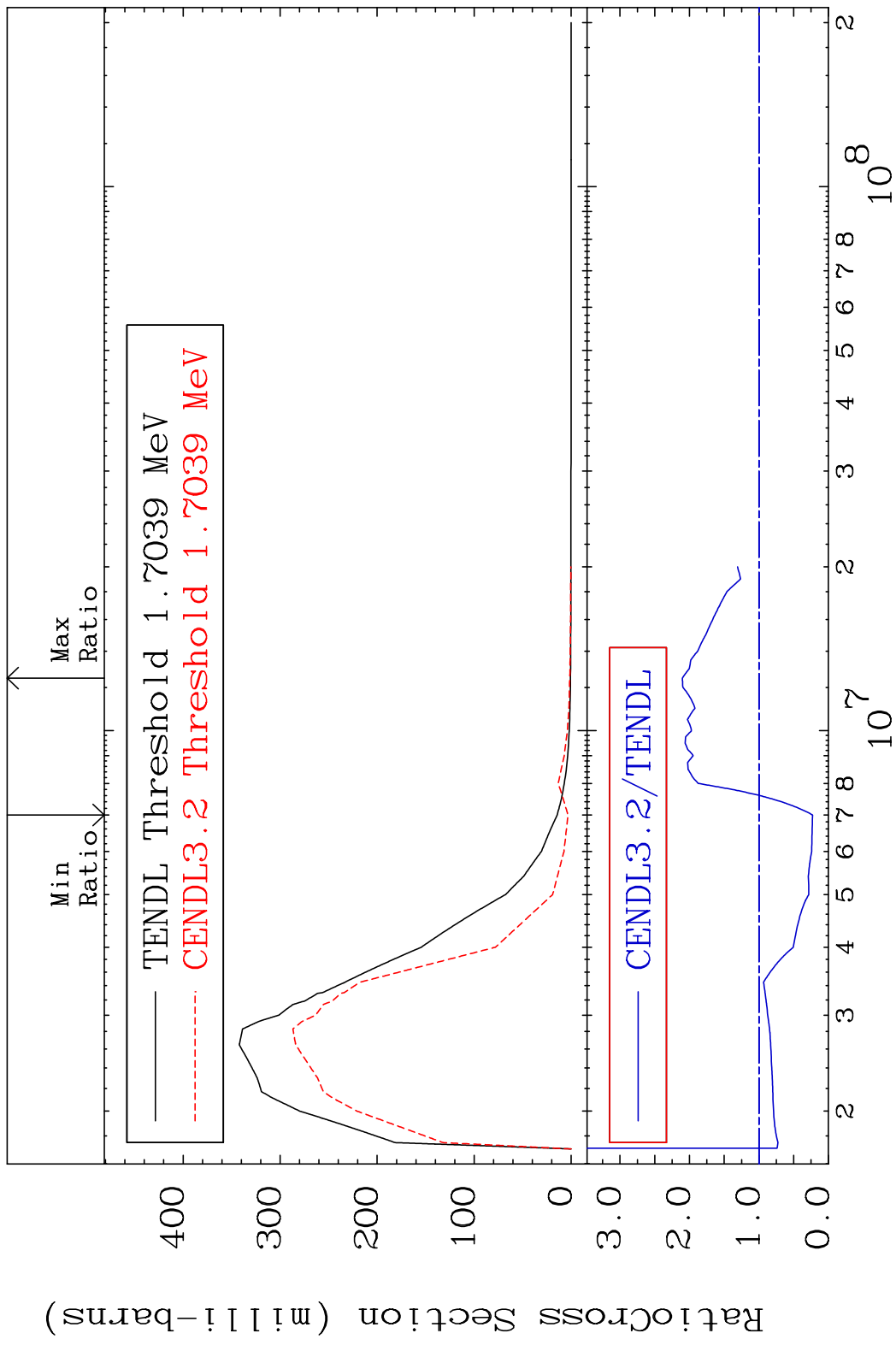
7

Incident Energy (eV)

<sup>26</sup>Fe-58

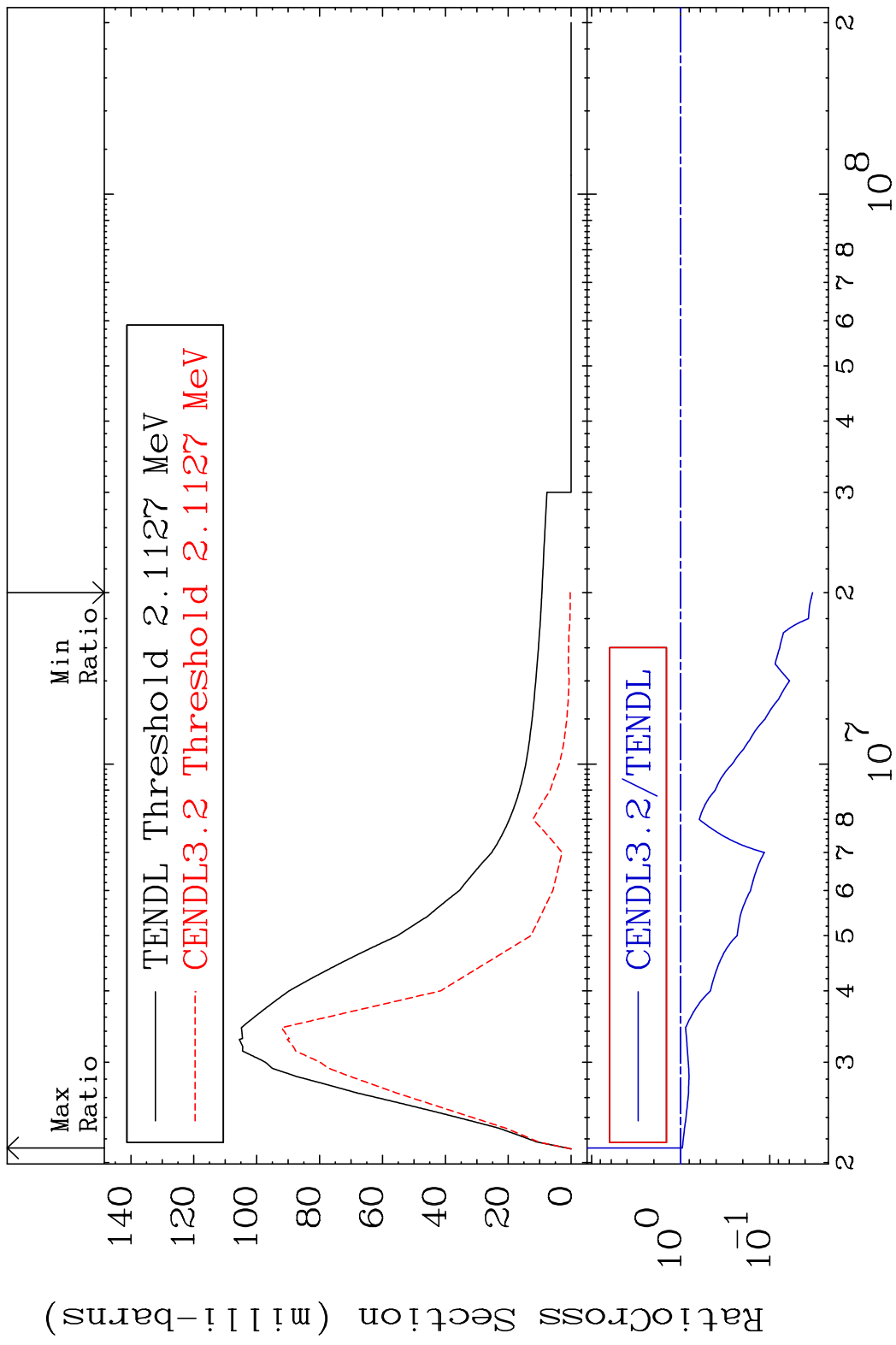


MAT 2637 MT= 52 (n, n') Level 26-Fe-58  
 Cross Section -77.18 To 110.3 %

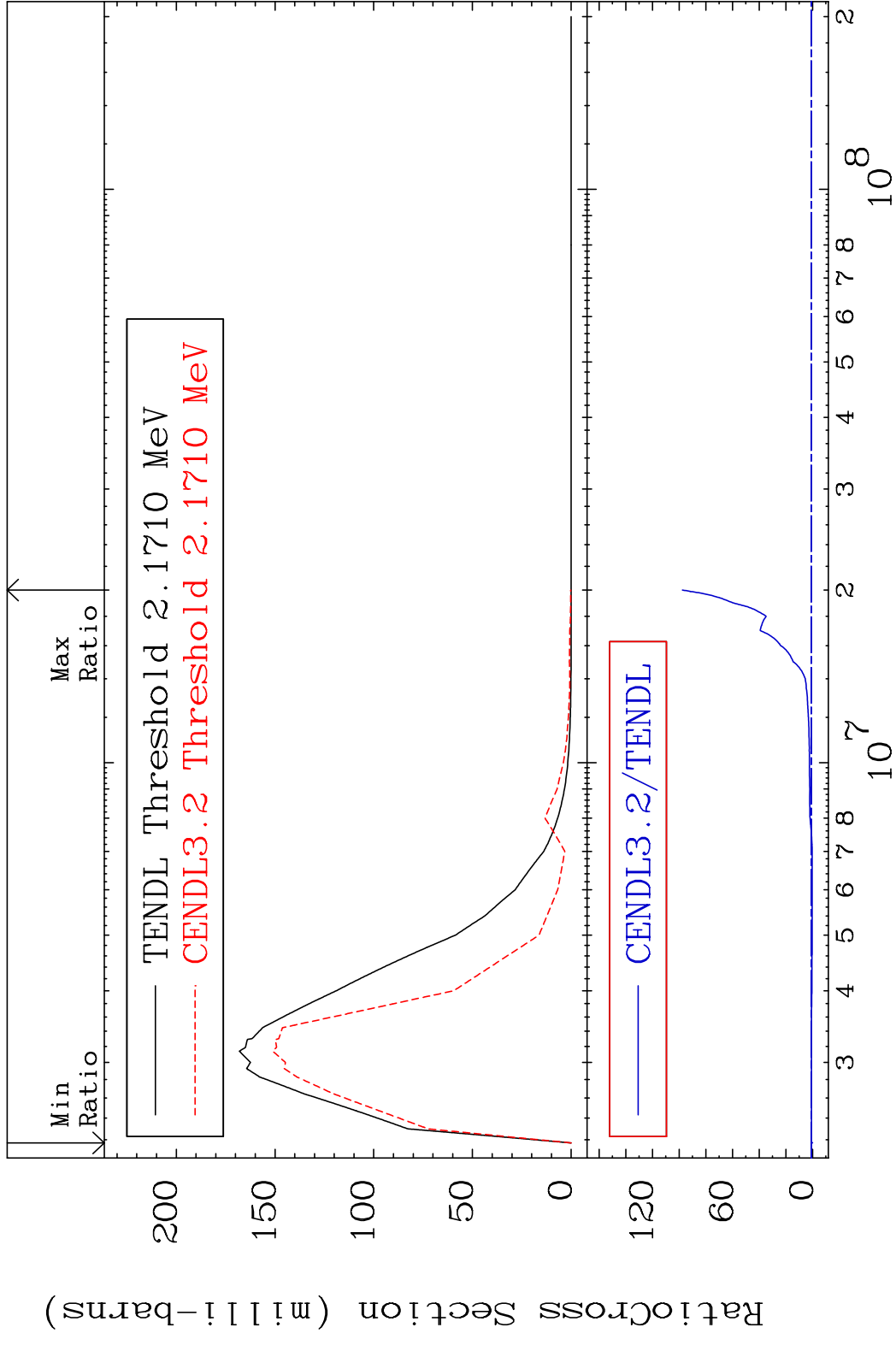


8 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 53 (n,n') Level 26-Fe-58  
 Cross Section -96.70 To -4.405%

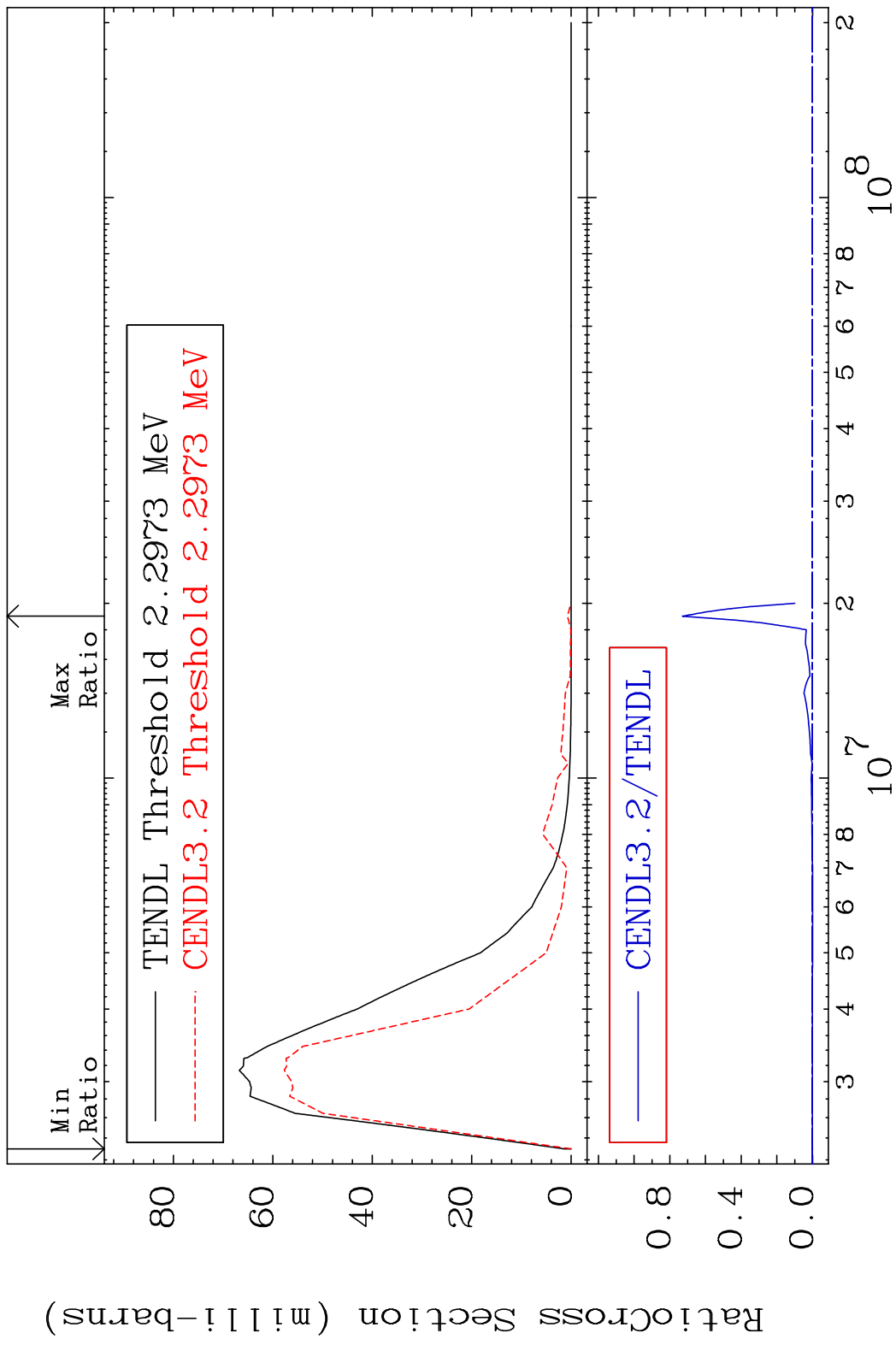


MAT 2637 MT= 54 (n, n') Level 26-Fe-58  
Cross Section -100.0 To 9659. %

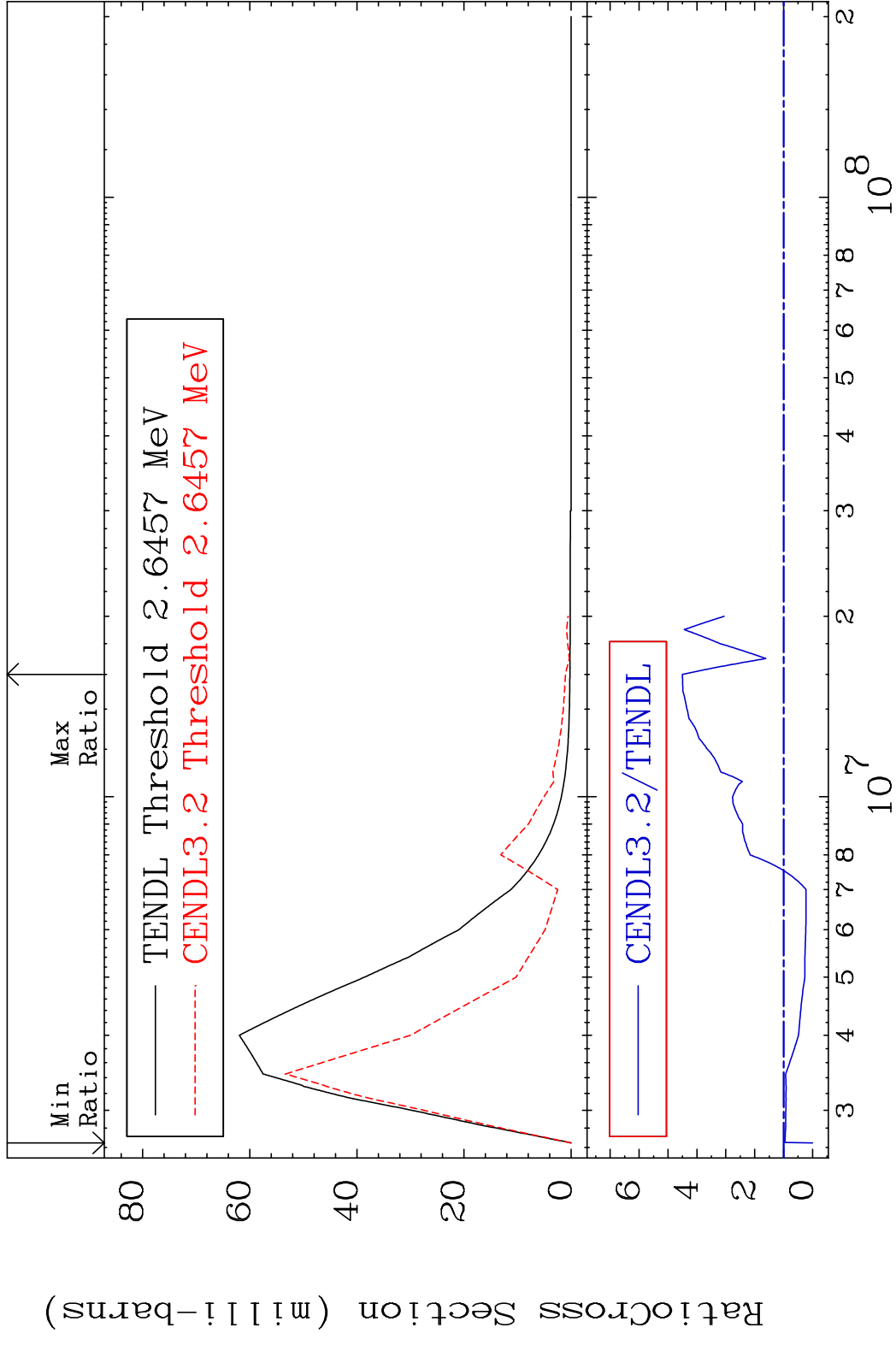


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000

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

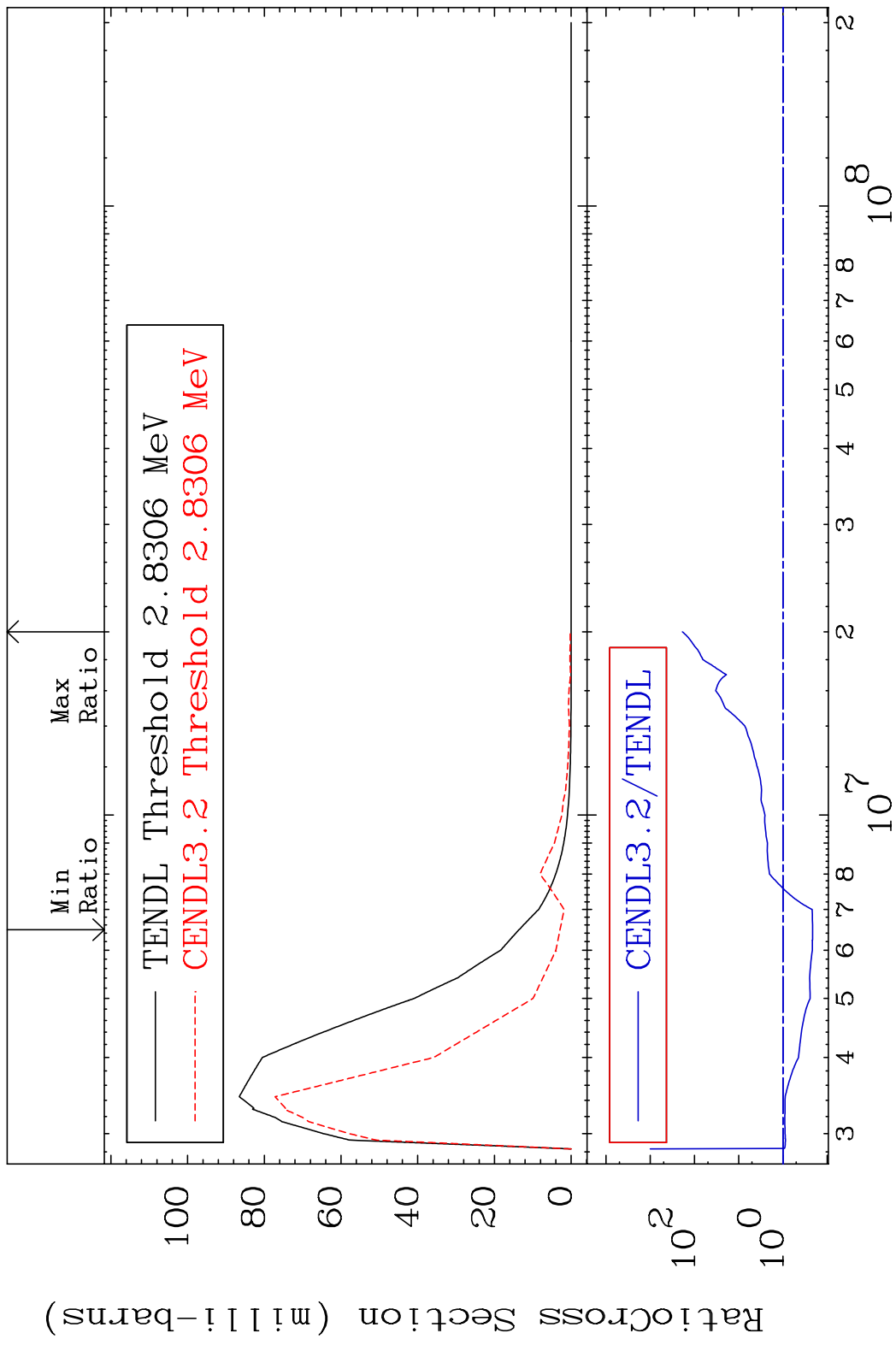


MAT 2637 MT= 56 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 350.3 %

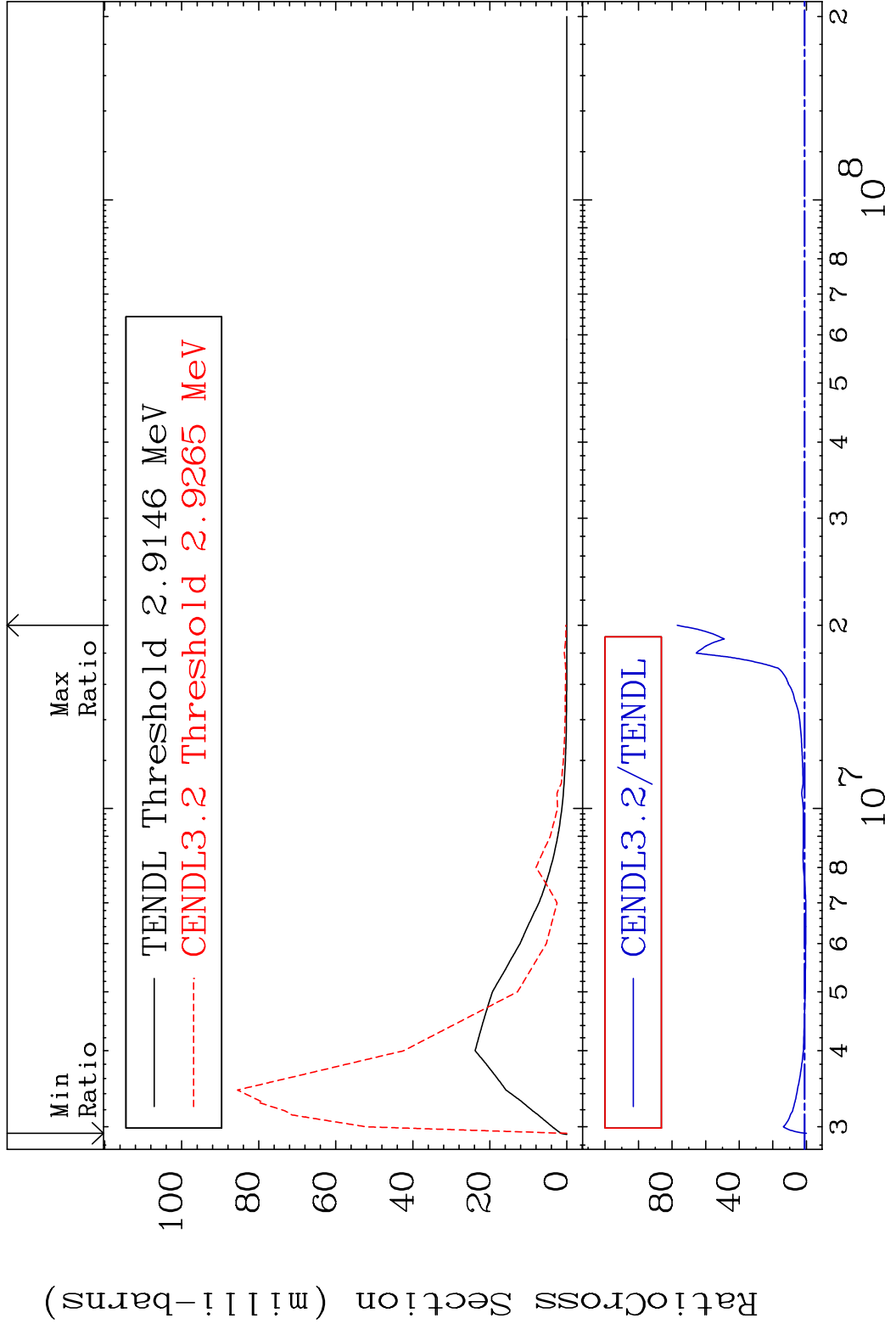


12 26-Fe-58

MAT 2637 MT= 57 (n, n') Level 26-Fe-58  
 Cross Section -78.58 To 9999. %

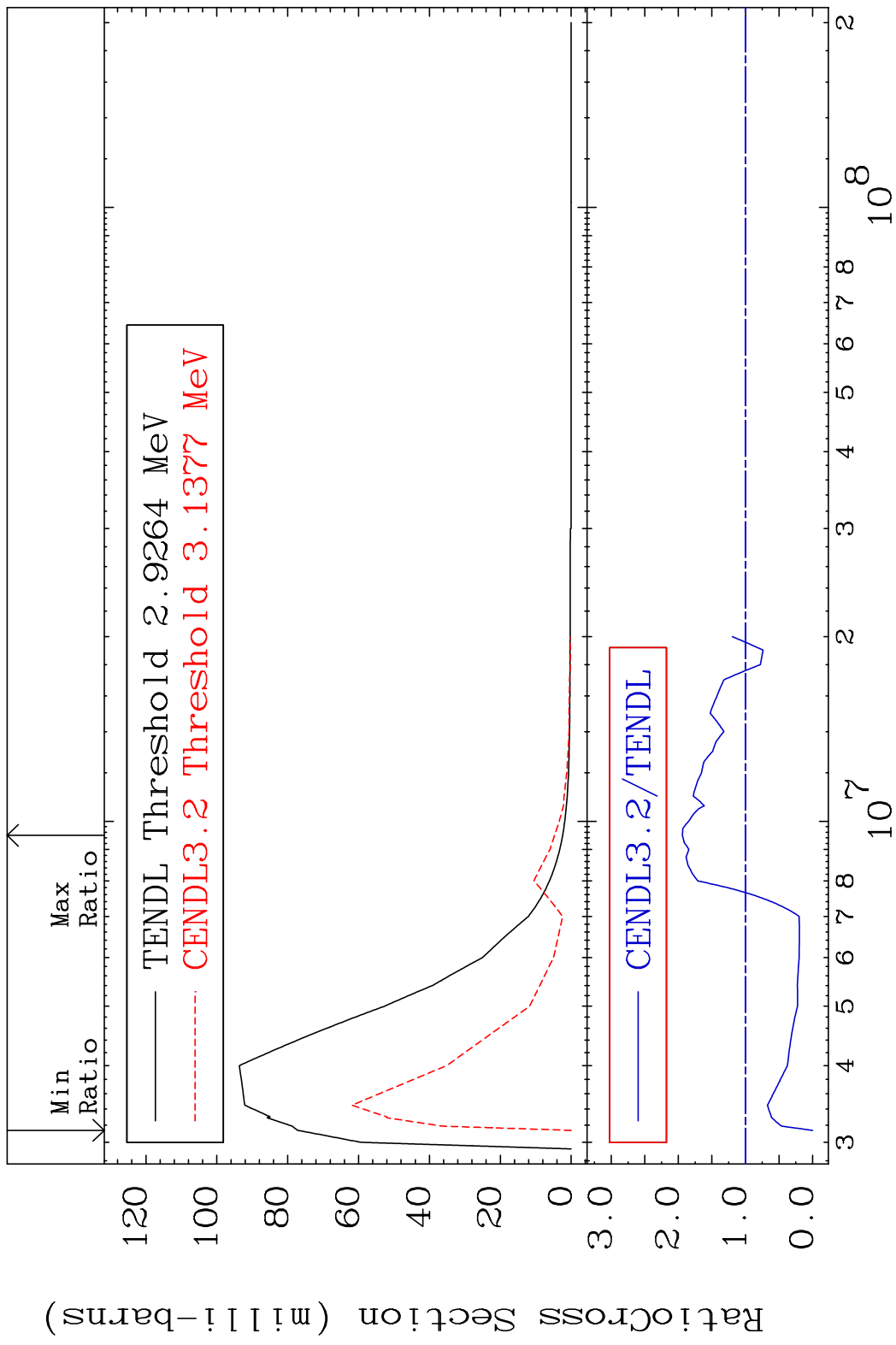


MAT 2637 MT= 58 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 7596. %



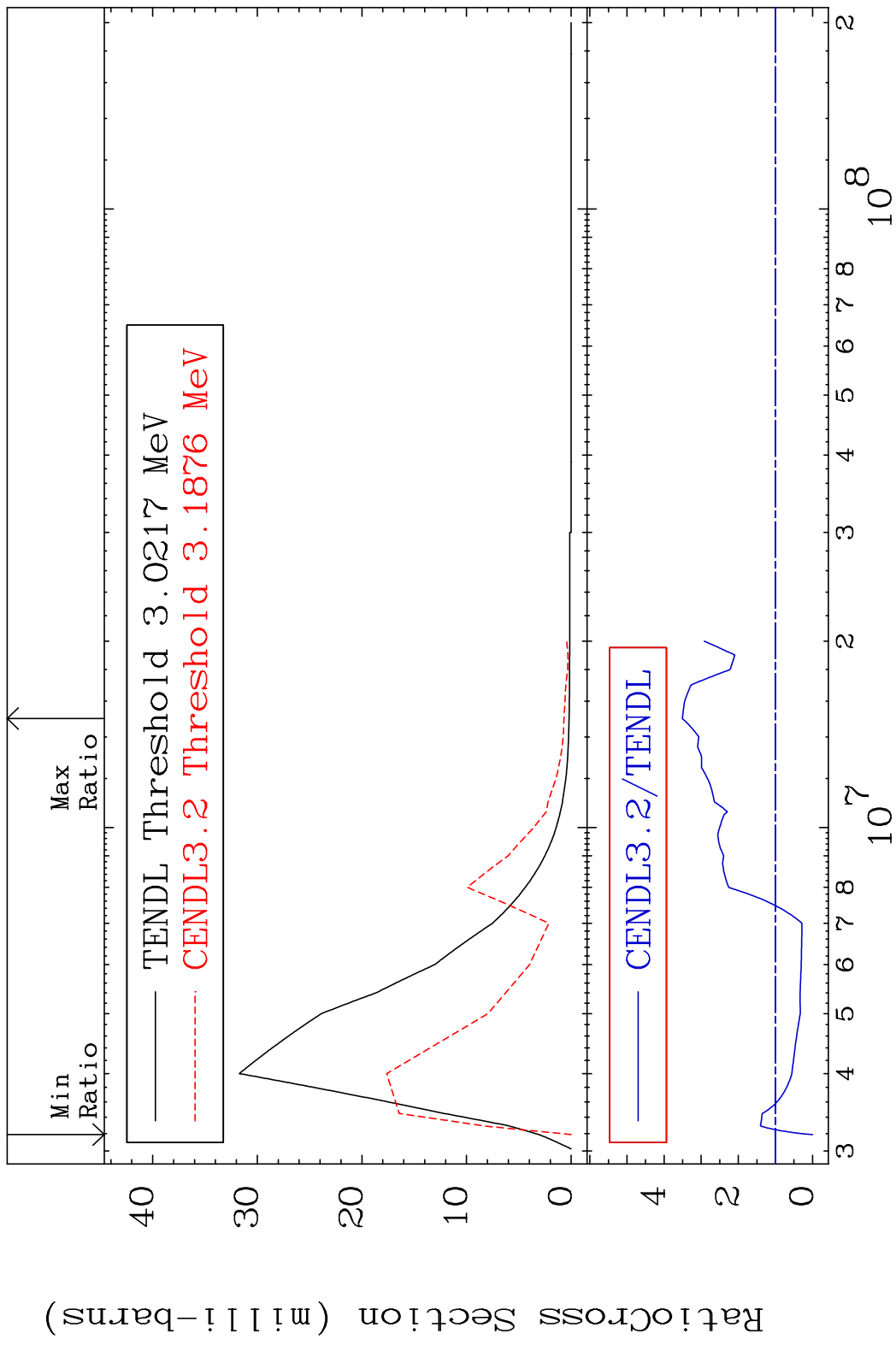
14 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 59 (n,n') Level 26-Fe-58  
 Cross Section -100.0 To 94.02 %



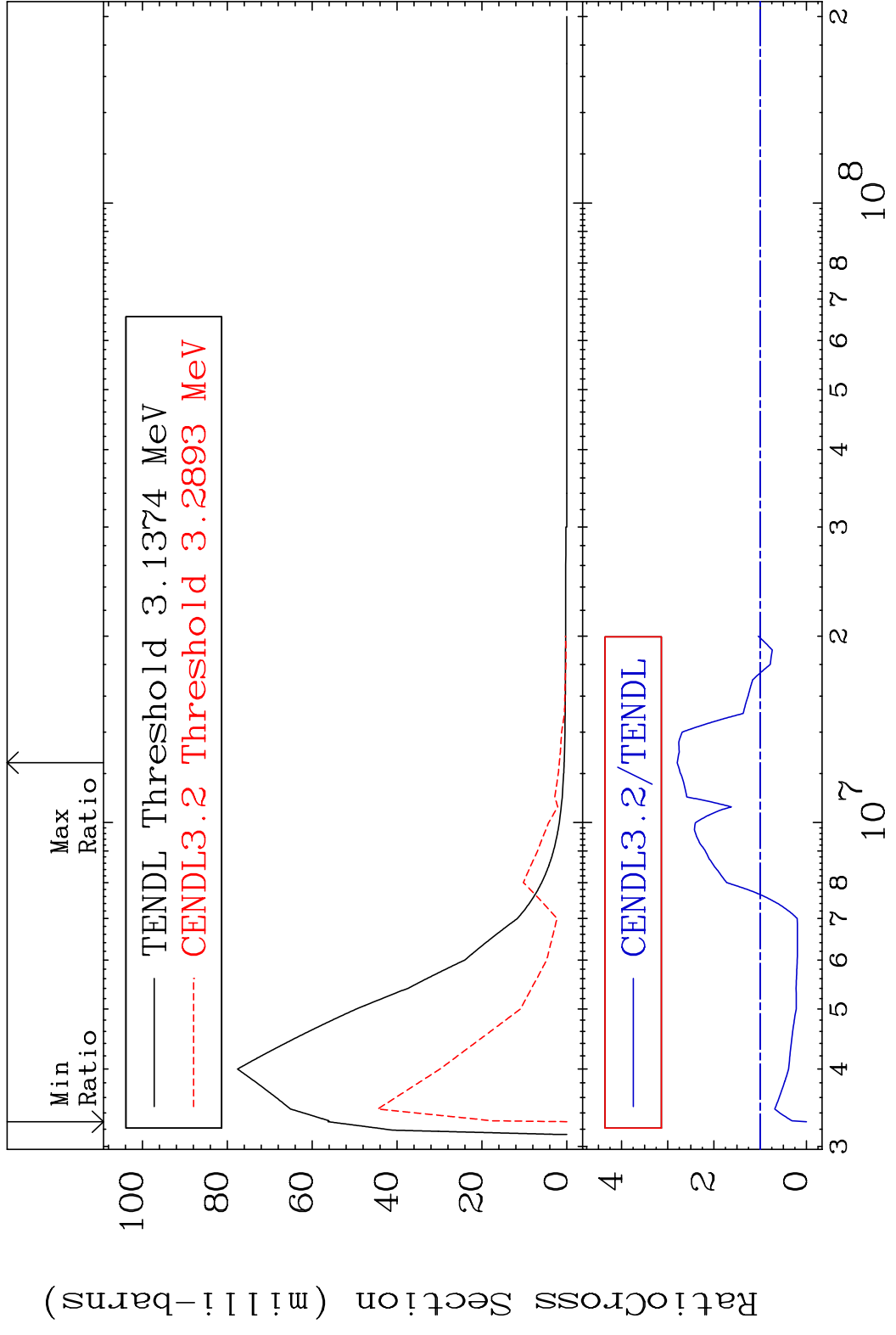


MAT 2637 MT= 60 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 250.8 %



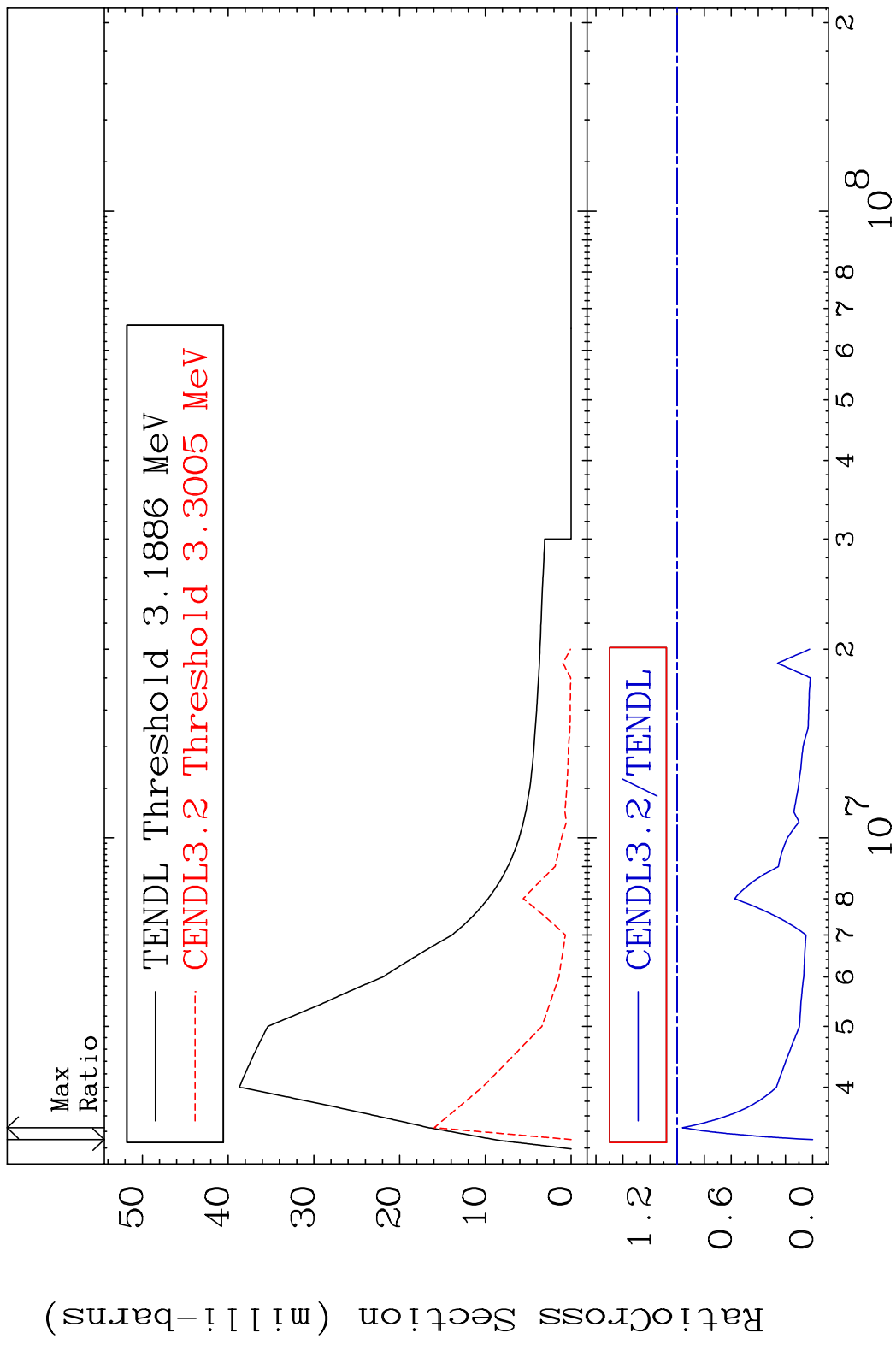
16 26-Fe-58

MAT 2637 MT= 61 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To 179.5 %



17 26-Fe-58

MAT 2637 MT= 62 (n, n') Level 26-Fe-58  
 Cross Section -100.0 To -3.852%



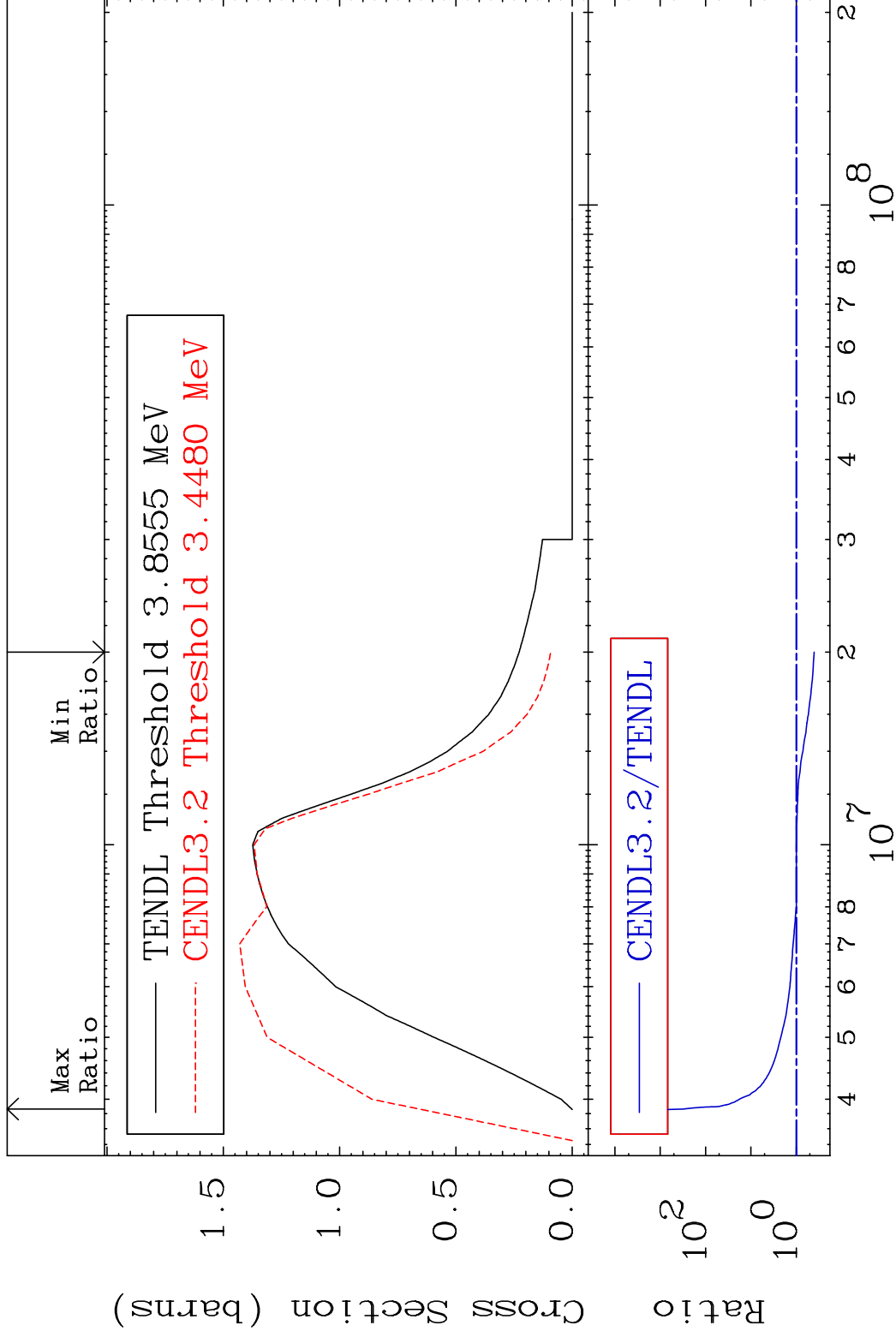
18 Incident Energy (eV) 26-Fe-58

MAT 2637

(n,n') Continuum

<sup>26</sup>Fe-58

Cross Section -59.57 To 9999. %

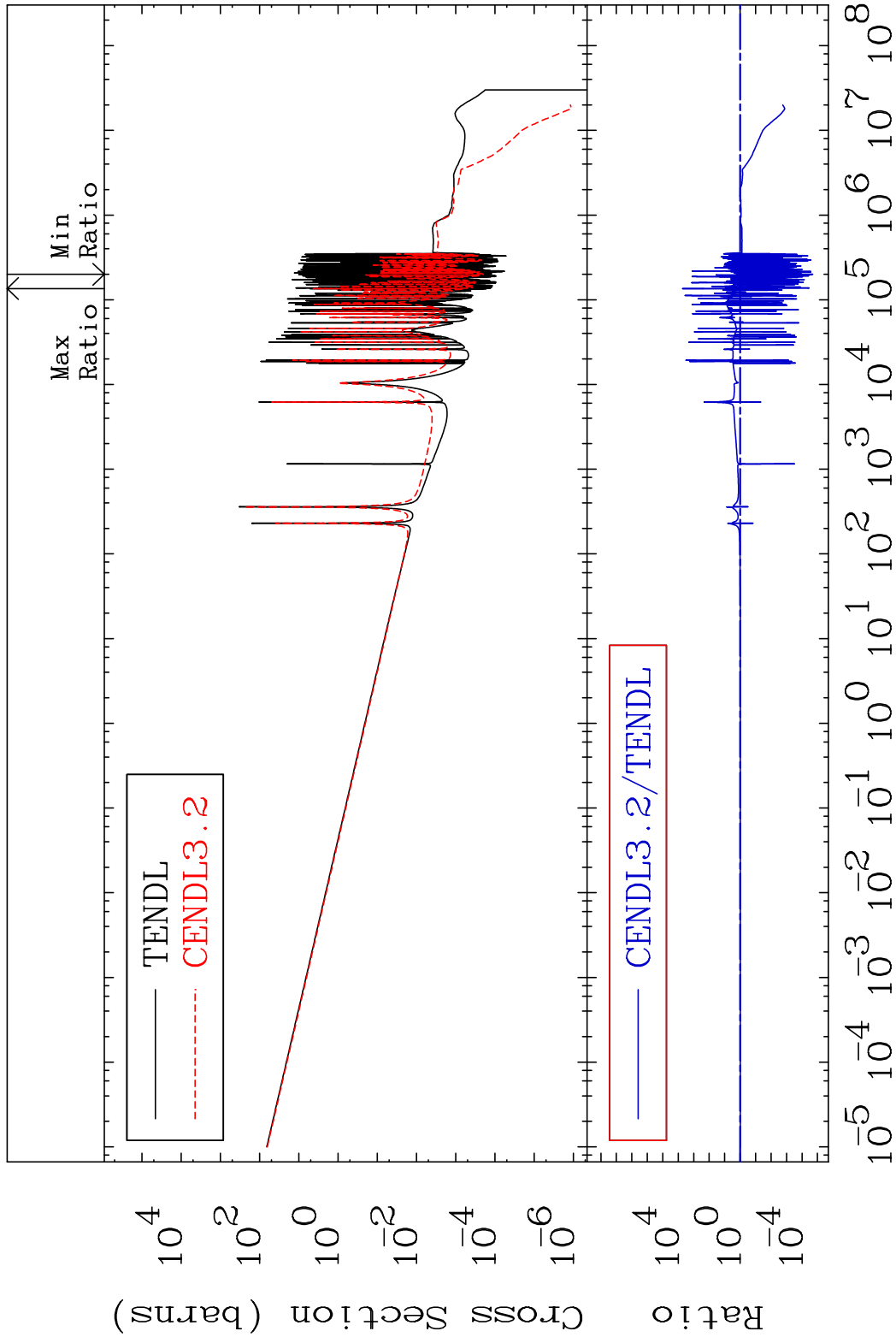


MAT 2637

(n,  $\gamma$ )

<sup>26</sup>Fe-58

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

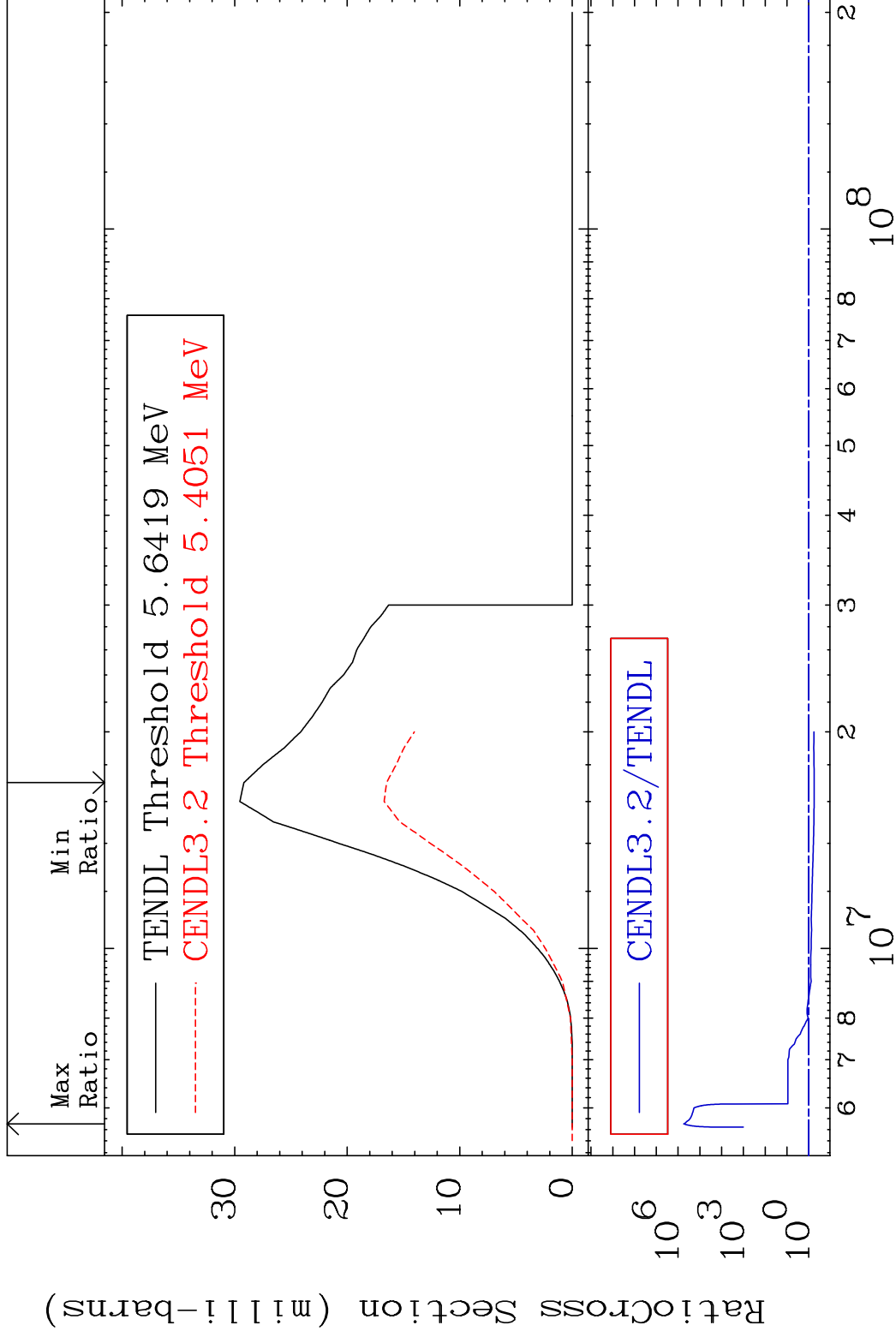
<sup>26</sup>Fe-58

MAT 2637

(n,p)

26-Fe-58

Cross Section -43.44 To 9999. %

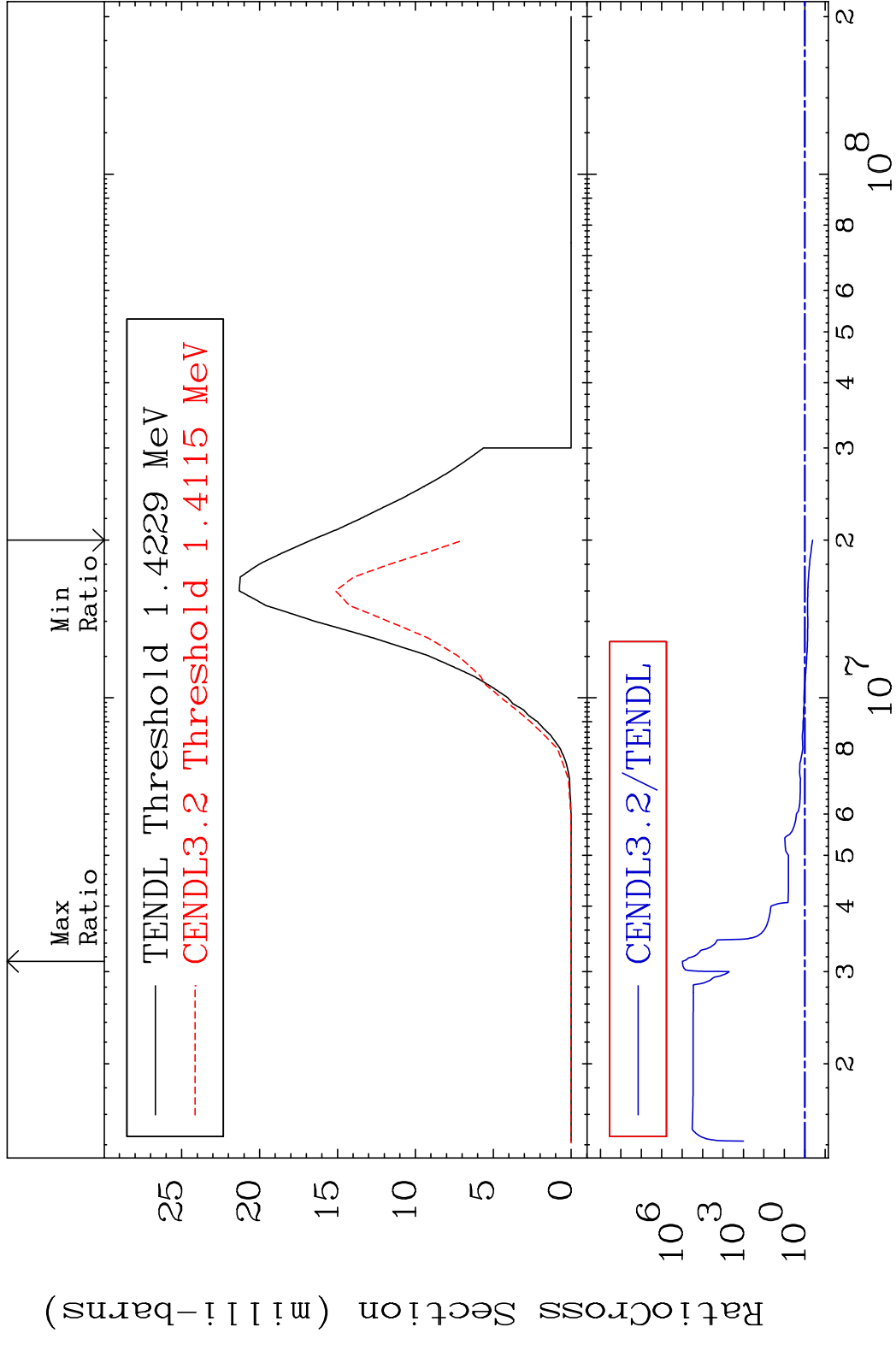


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Incident Energy (eV)

26-Fe-58

MAT 2637 (n,  $\alpha$ ) 26-Fe-58  
 Cross Section -58.49 To 9999. %

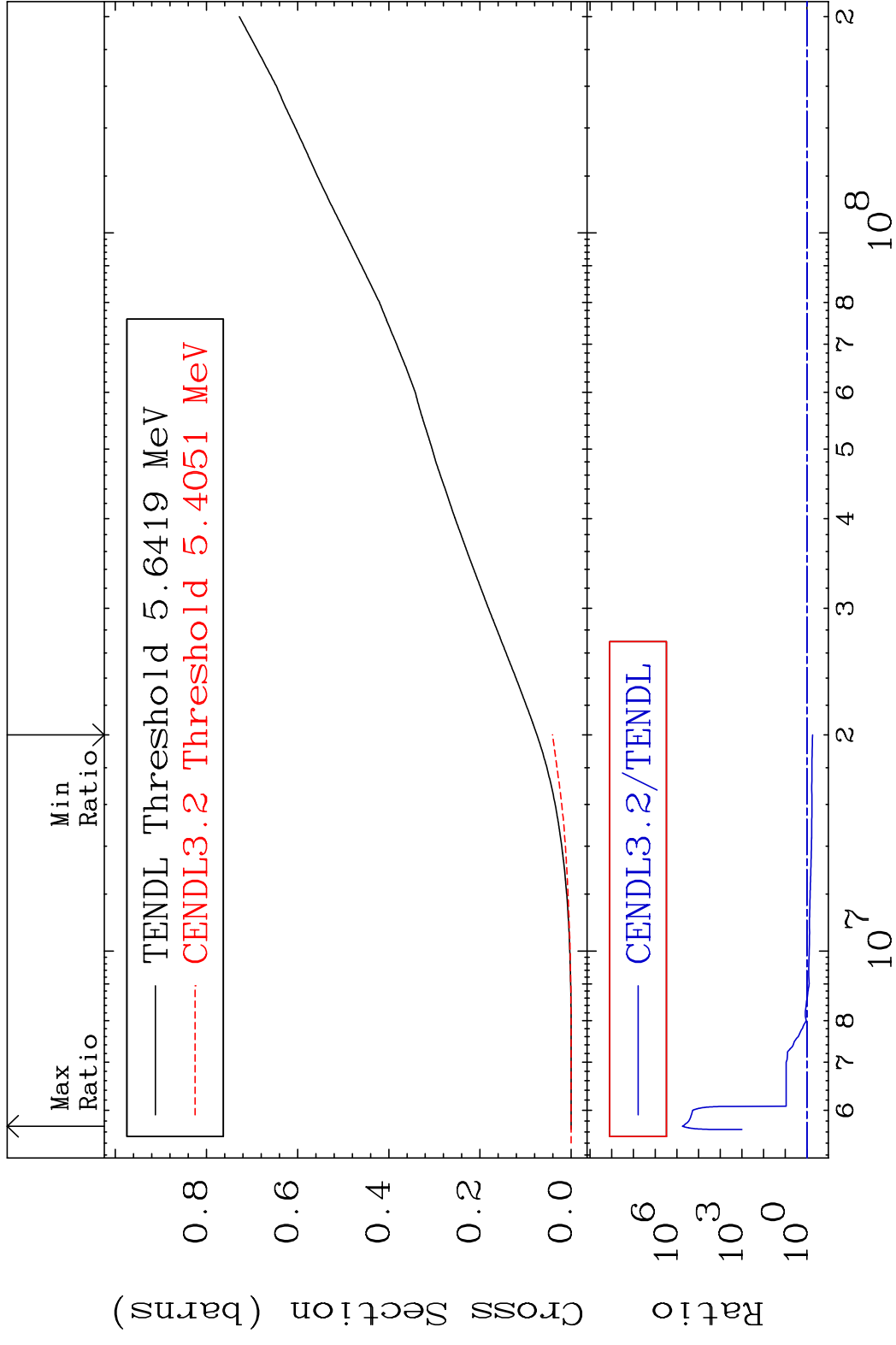


MAT 2637

Hydrogen Production

<sup>26</sup>Fe-58

Cross Section -45.54 To 9999. %



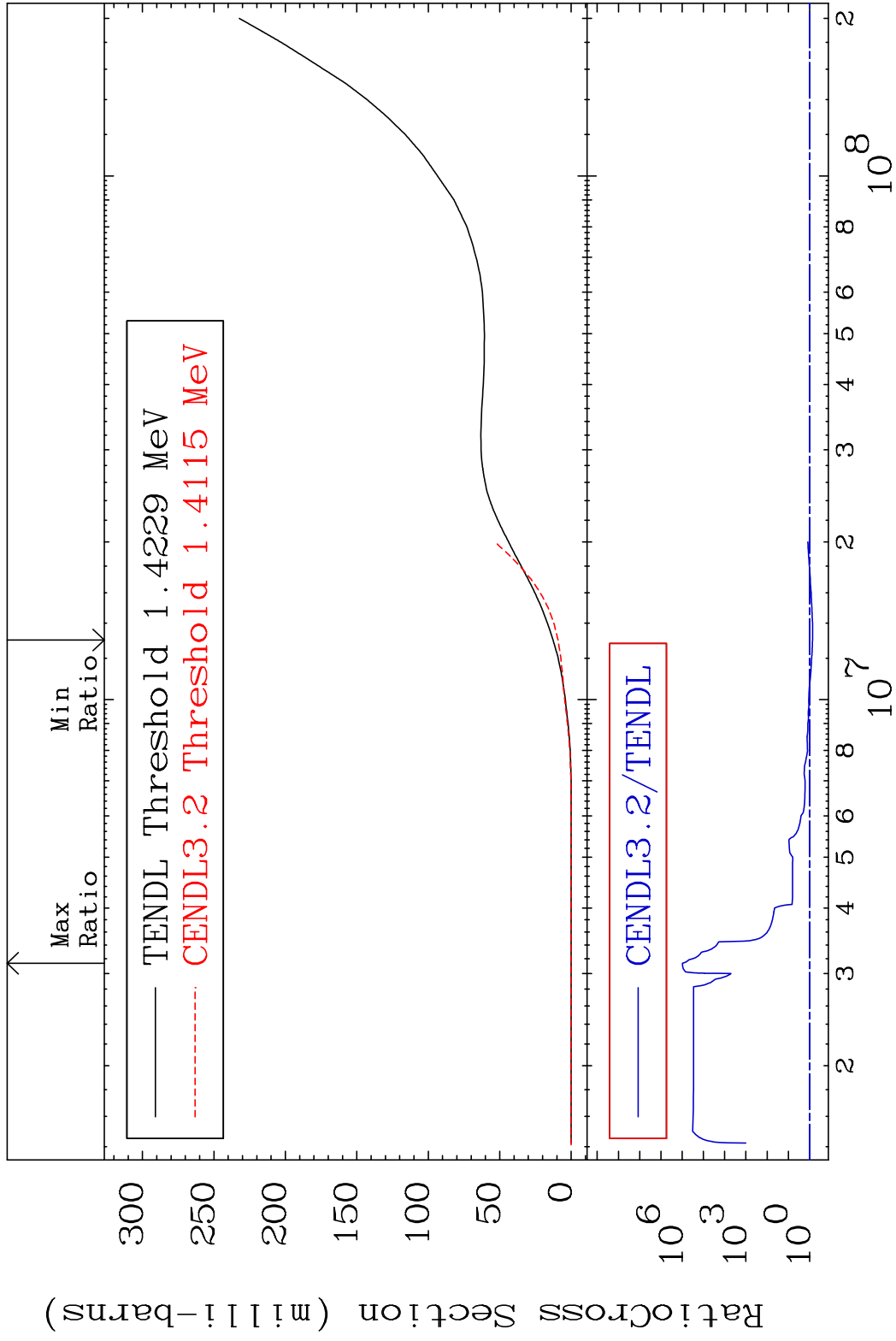


MAT 2637

He-4 Production

<sup>26</sup>Fe-58

Cross Section -27.33 To 9999. %

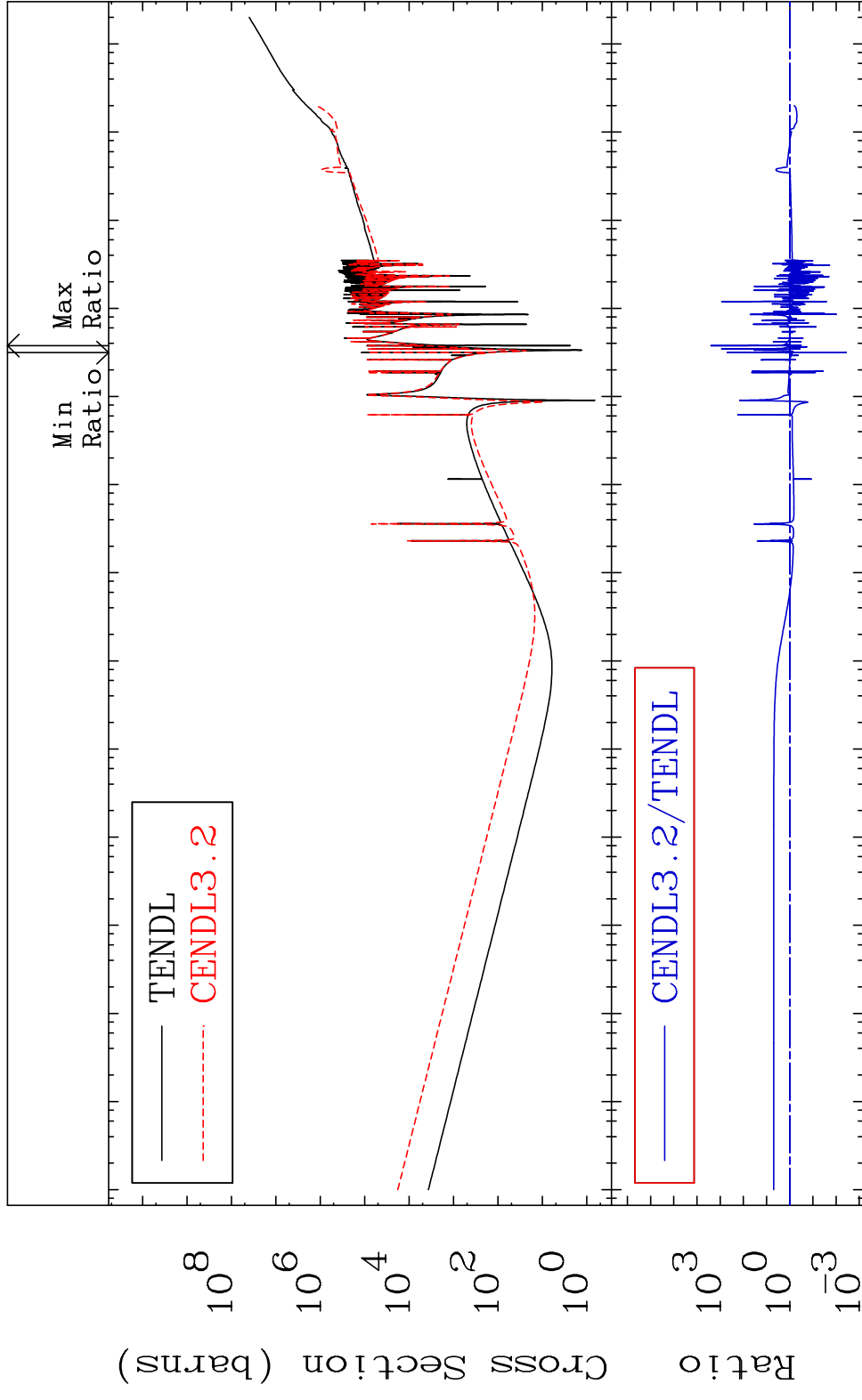


24

Incident Energy (eV)

<sup>26</sup>Fe-58

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



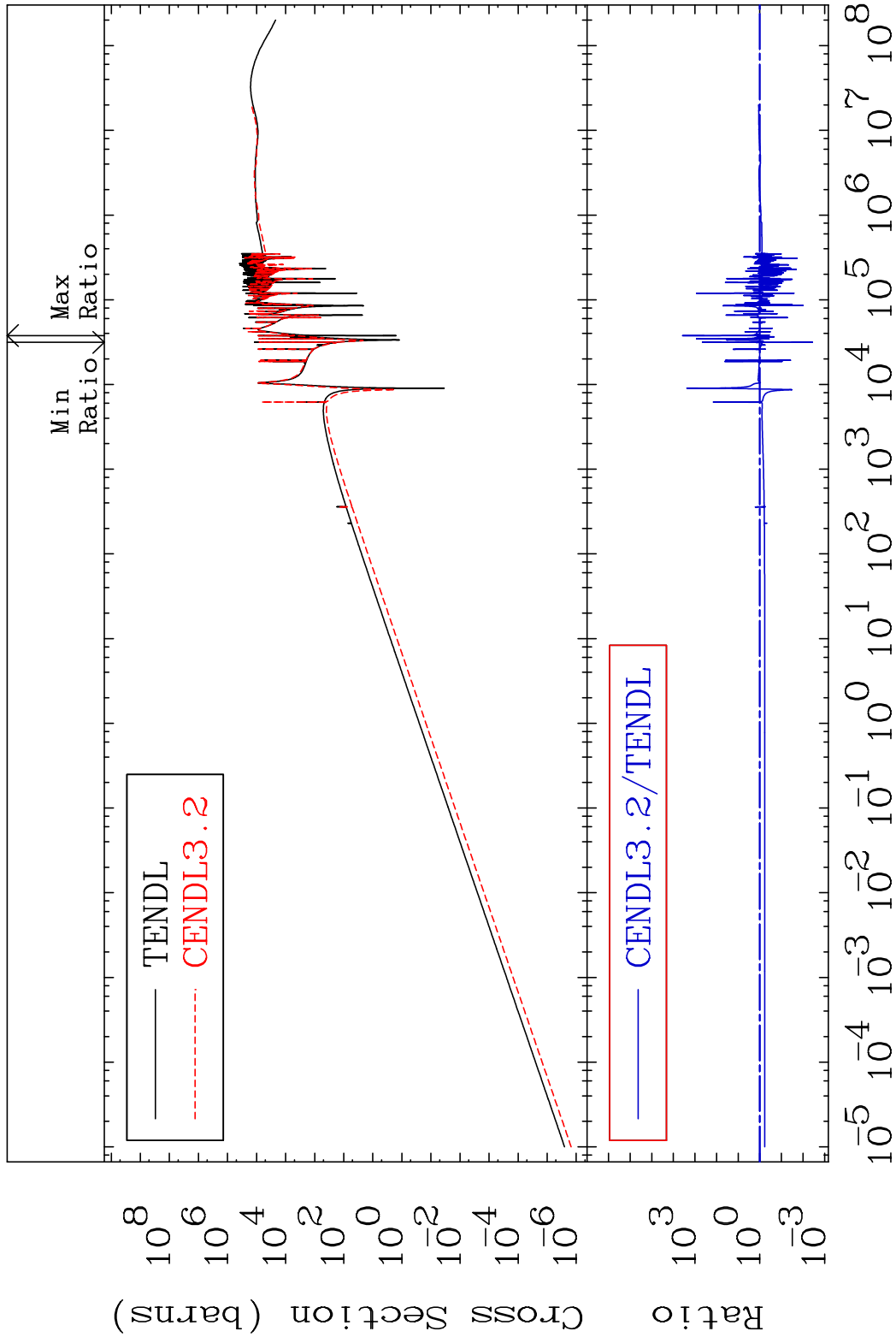
25 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic

26-Fe-58

Cross Section -99.64 To 9999. %

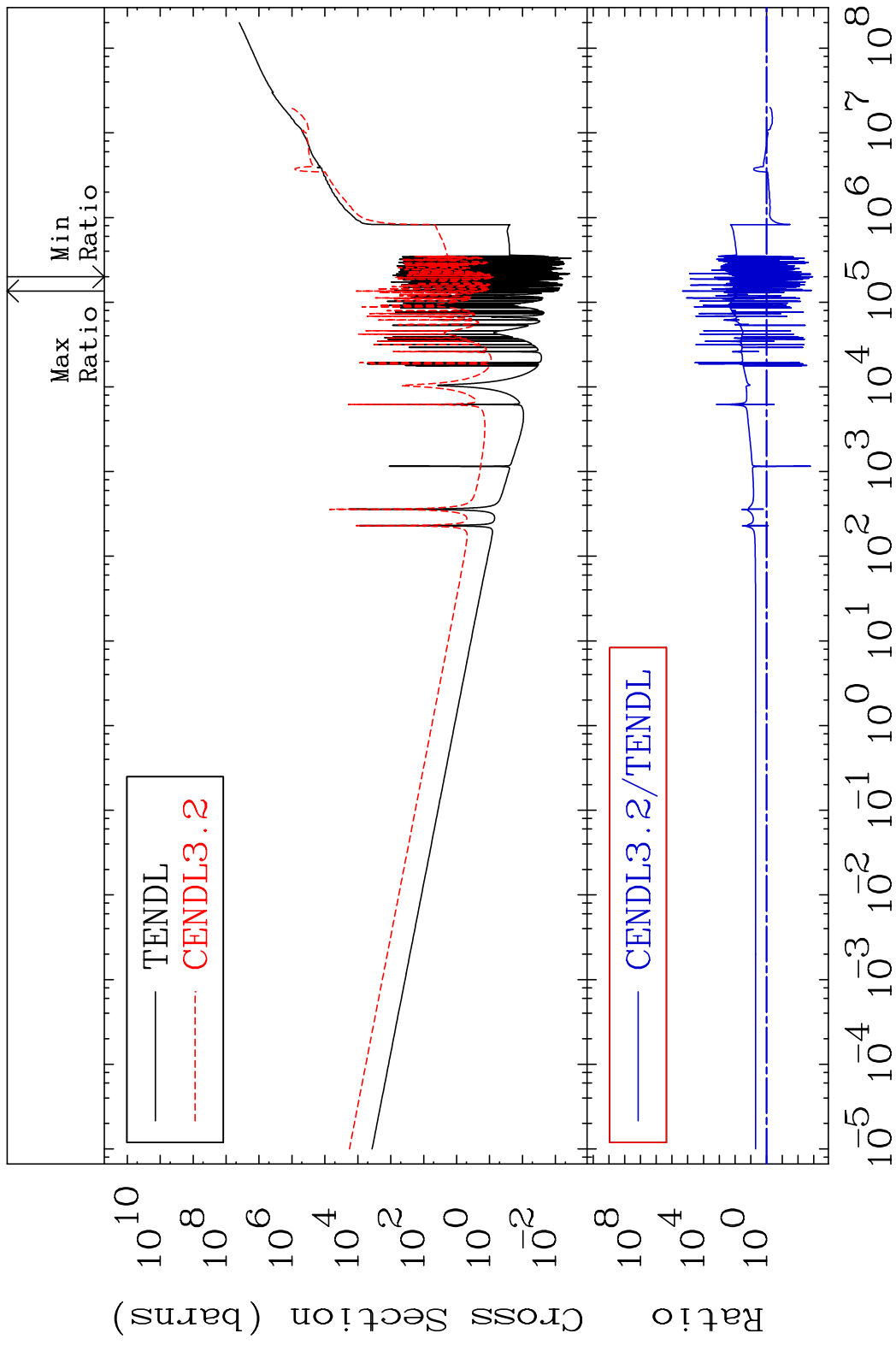


26

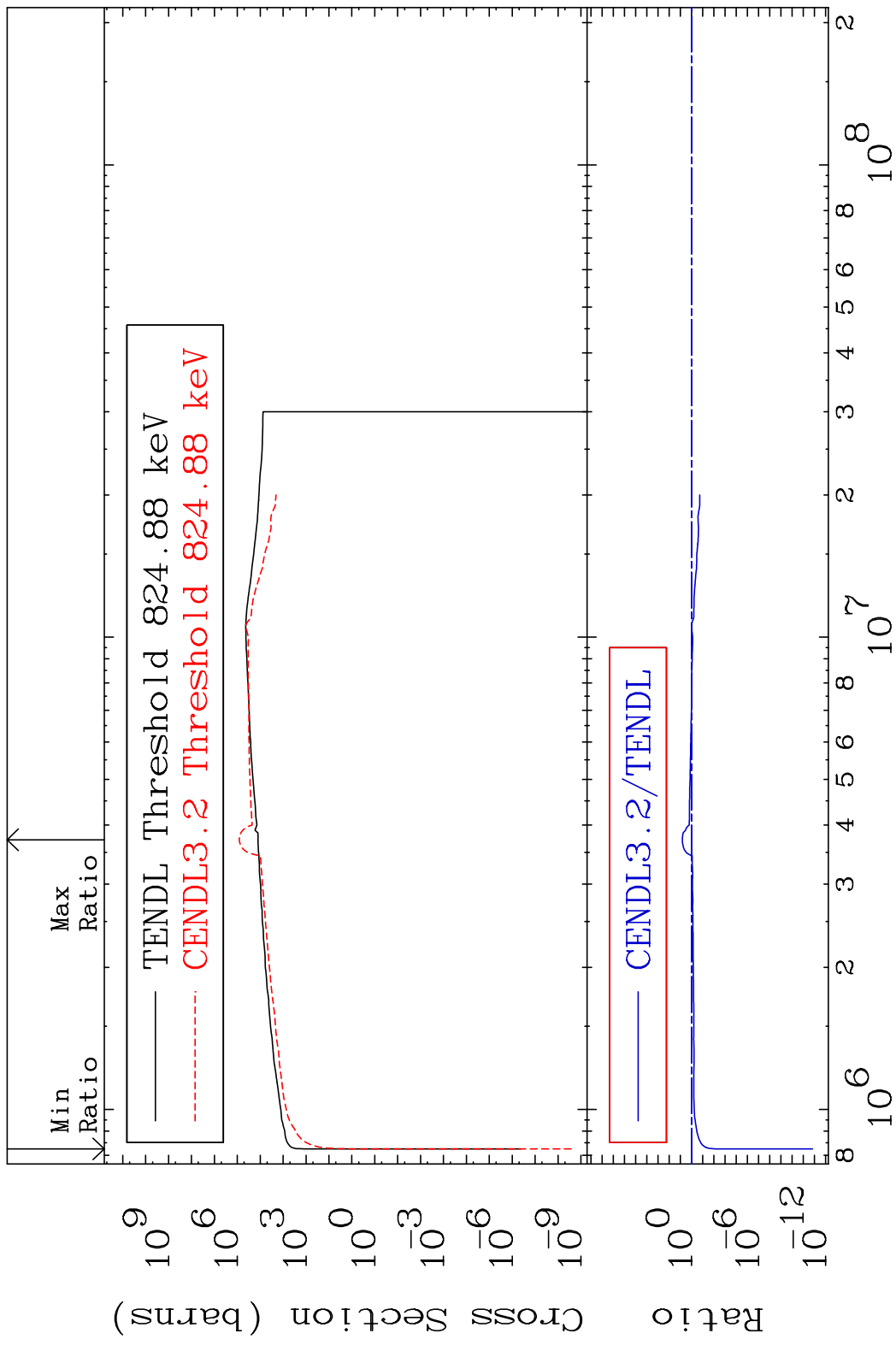
Incident Energy (eV)

26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58  
 Cross Section -99.88 To 9999. %

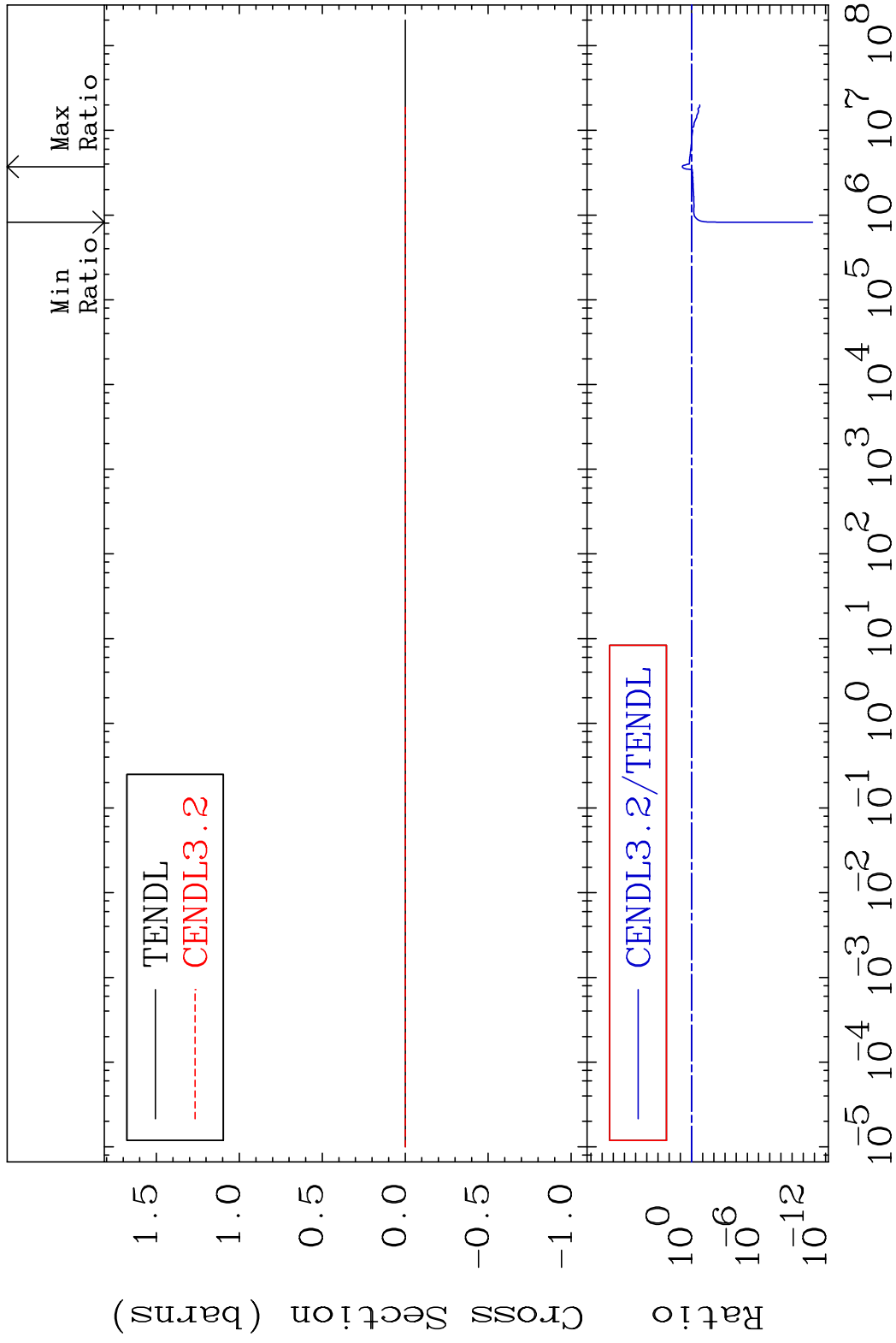


MAT 2637 Kerma inelastic (mt51-91) 26-Fe-58  
 Cross Section -100.0 To 556.3 %



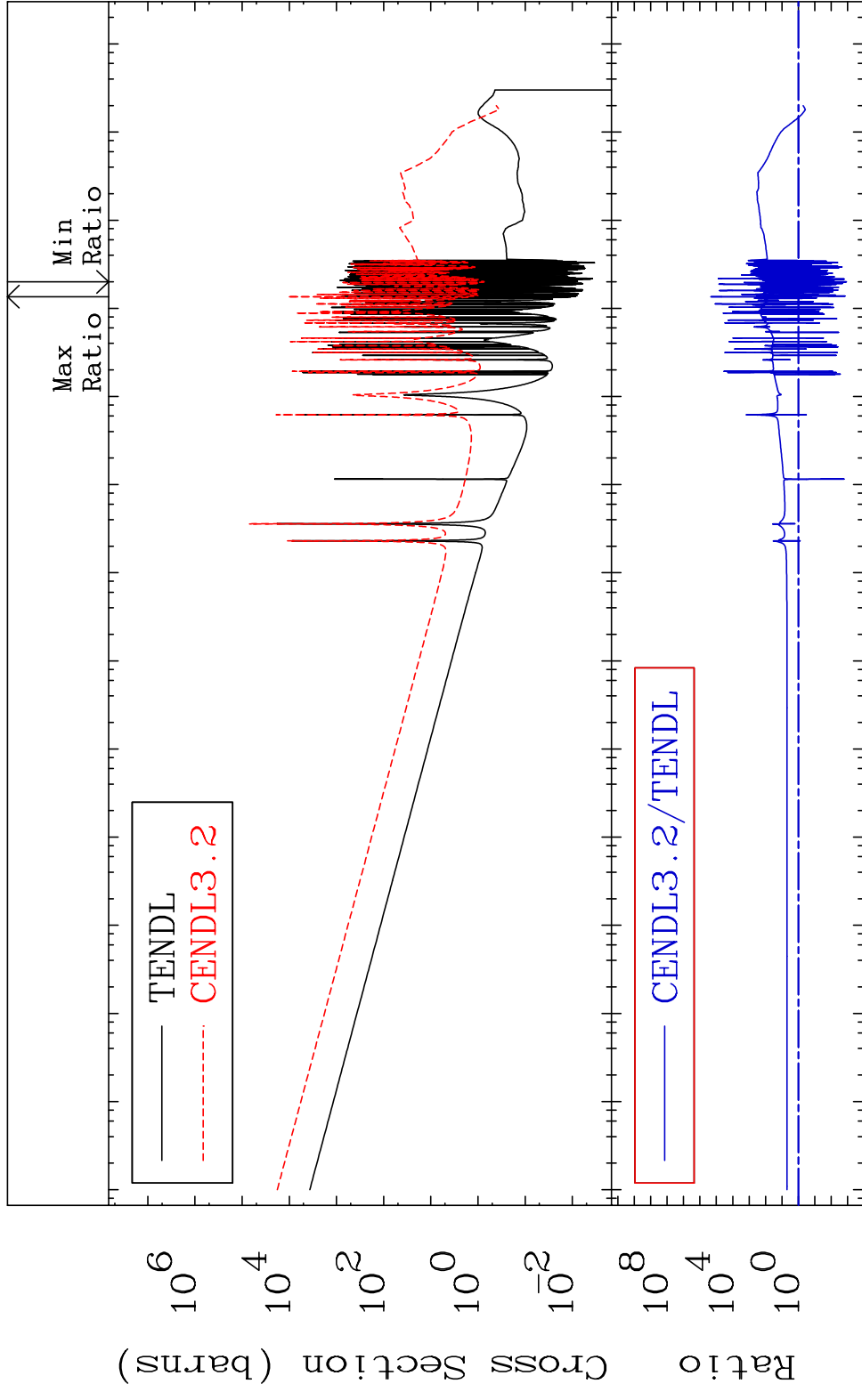
28 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58  
 Cross Section -100.0 To 556.3 %



MAT 2637

Kerma capture (mt102) 26-Fe-58  
Cross Section -99.88 To 9999. %

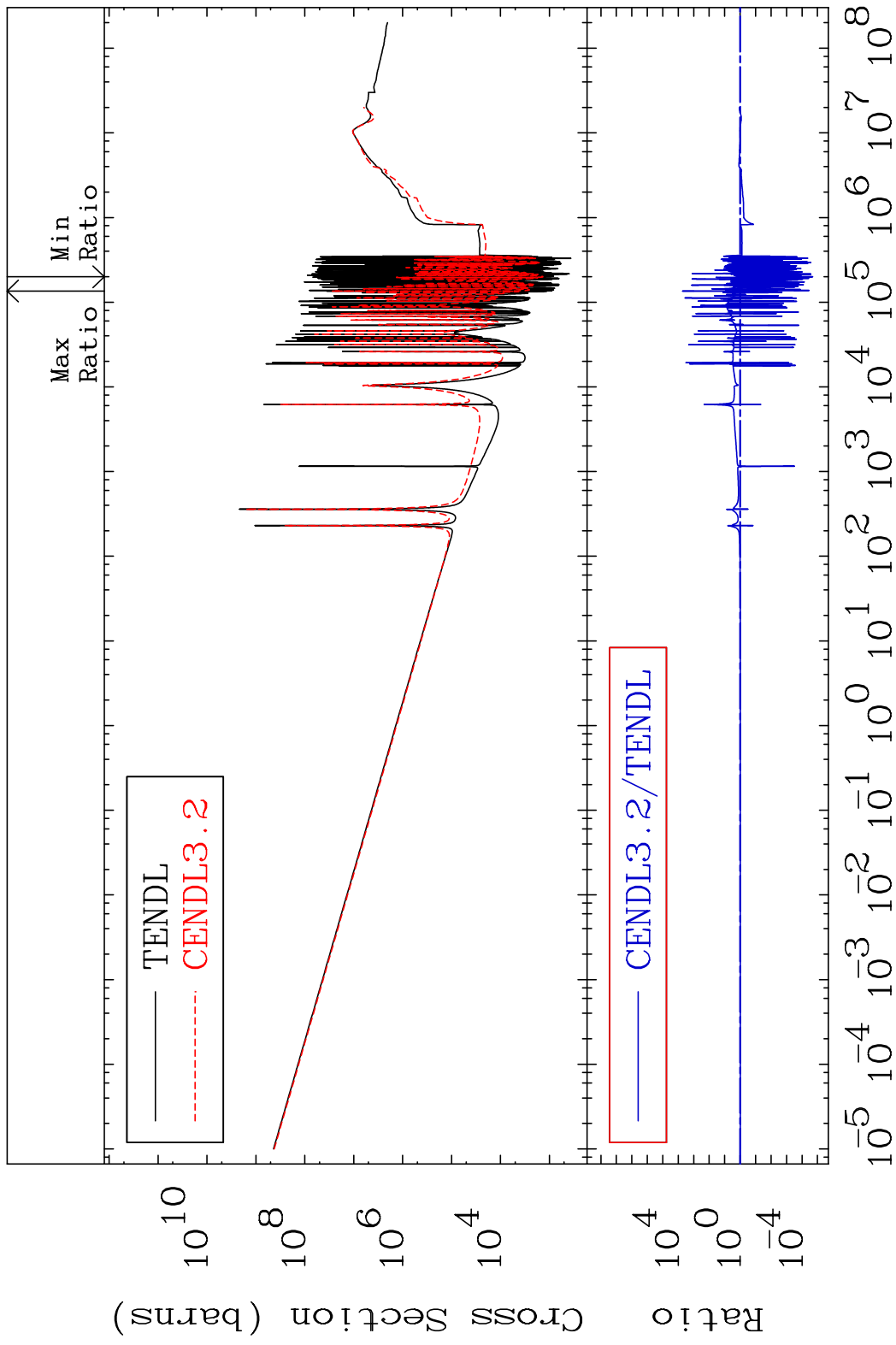


30

Incident Energy (eV)

26-Fe-58

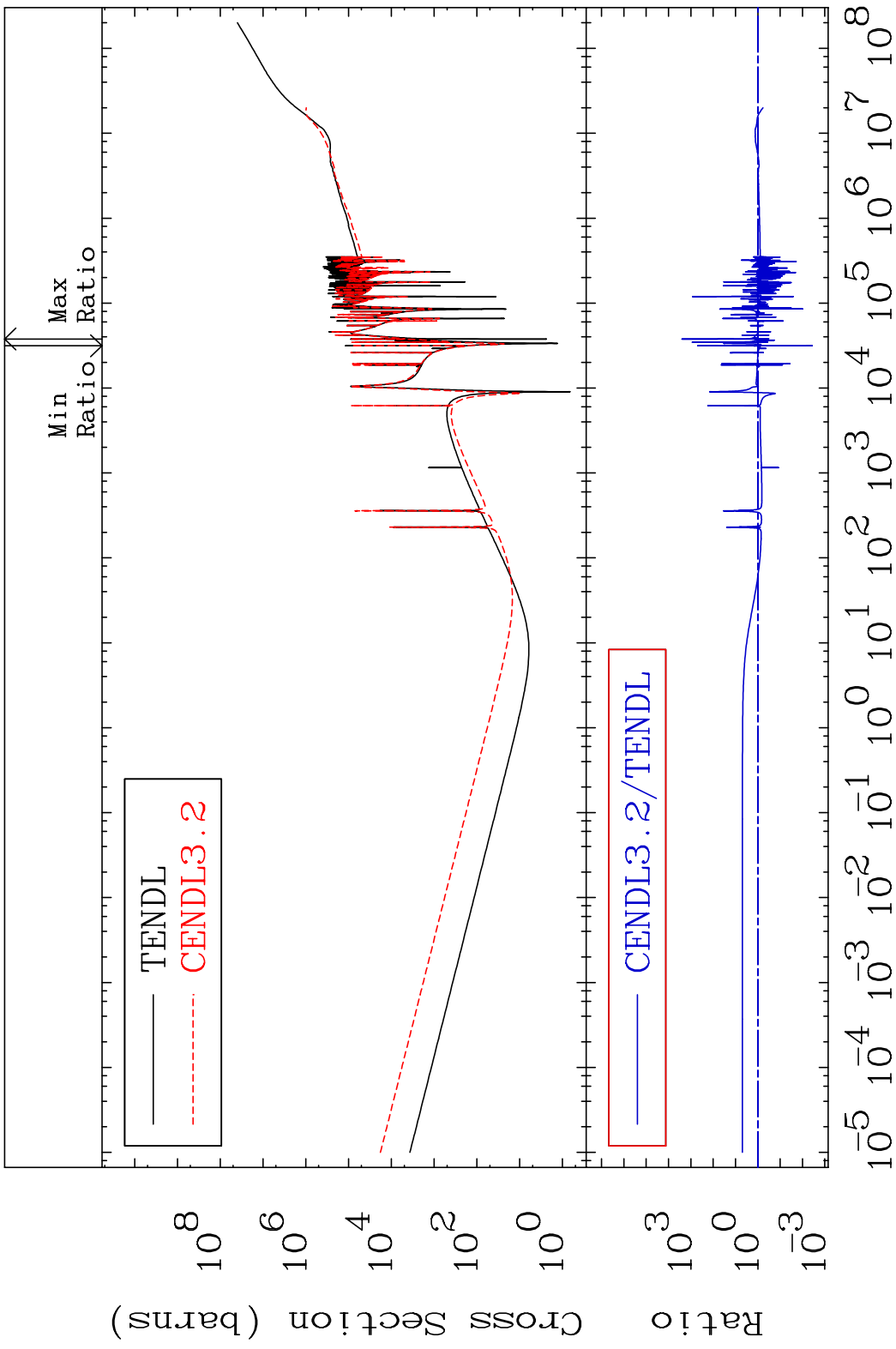
MAT 2637 Total photon (eV-barns) 26-Fe-58  
 Cross Section -100.0 To 9999. %



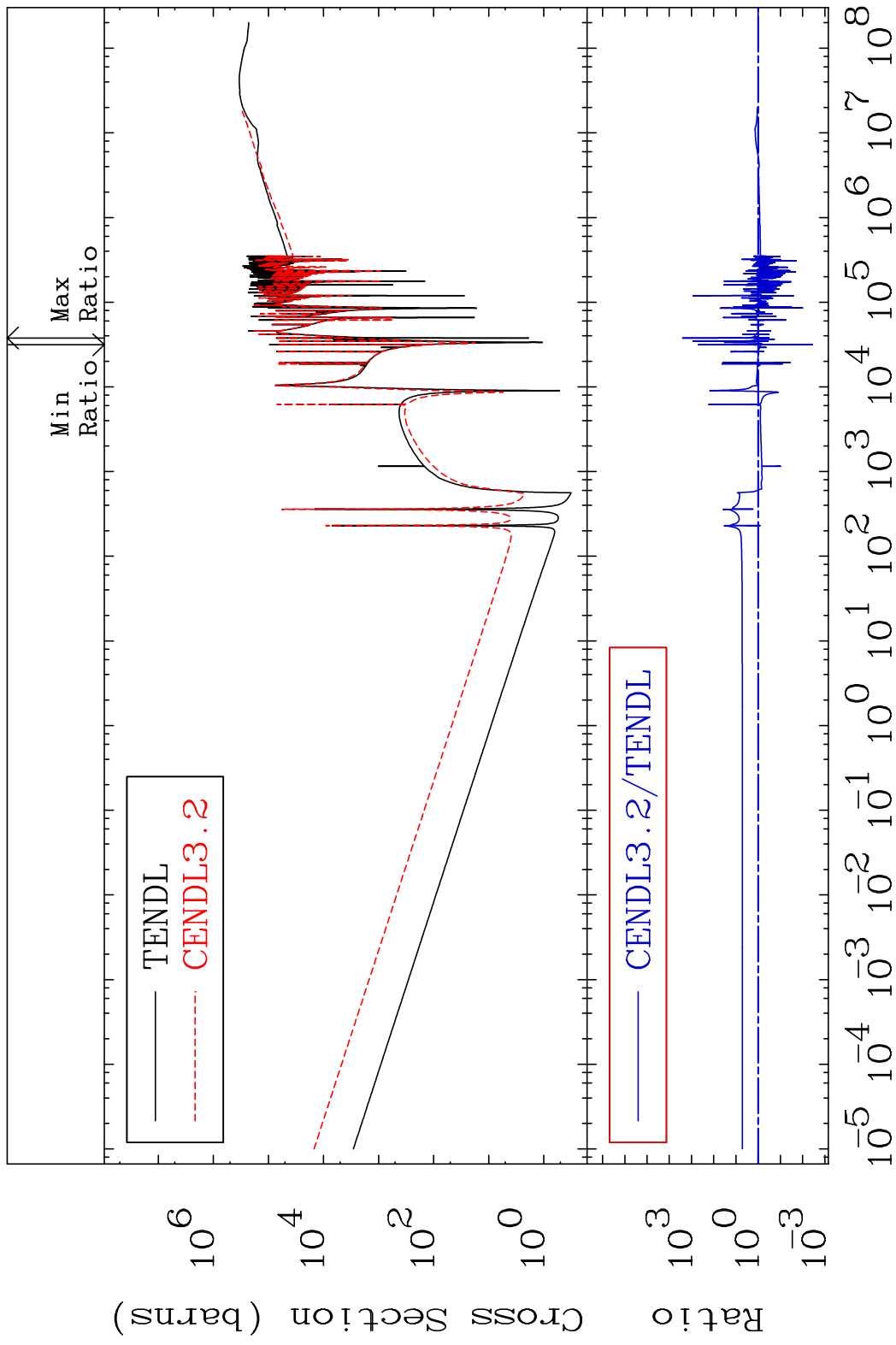
31 Incident Energy (eV) 26-Fe-58



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. %



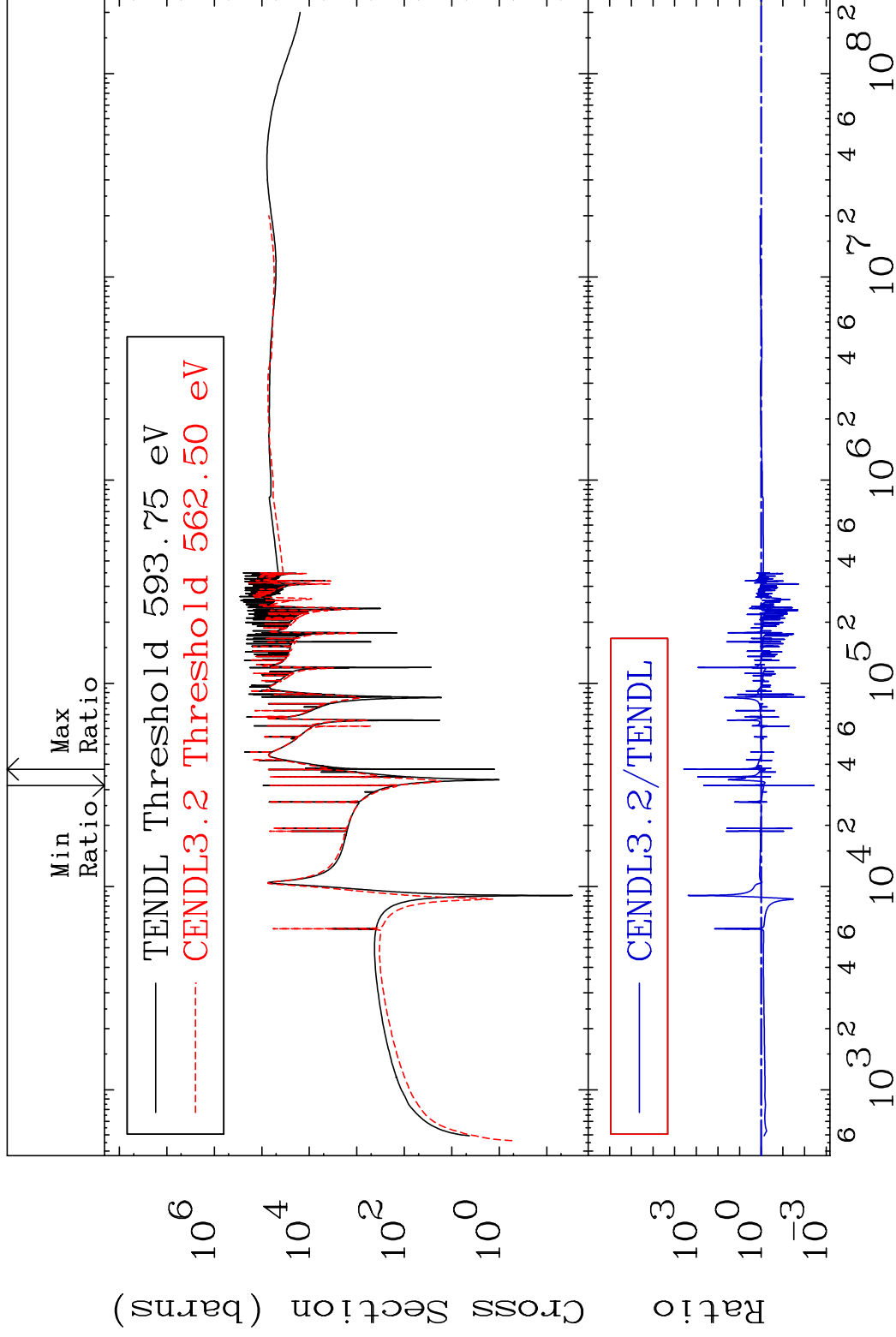
33      Incident Energy (eV)      26-Fe-58

MAT 2637

Dpa elastic (mt2)

<sup>26</sup>Fe-58

Cross Section -99.64 To 9999. %

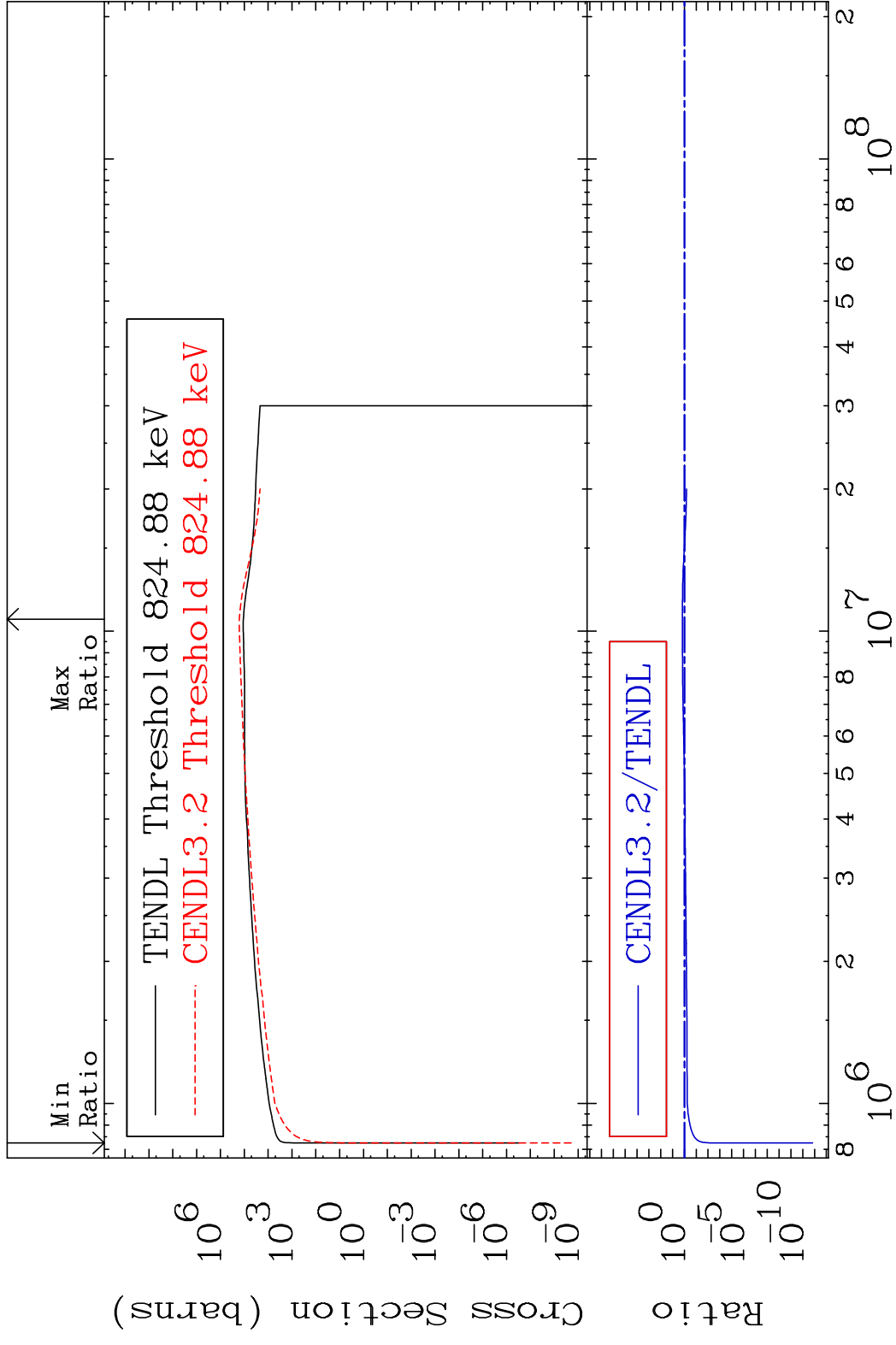


34

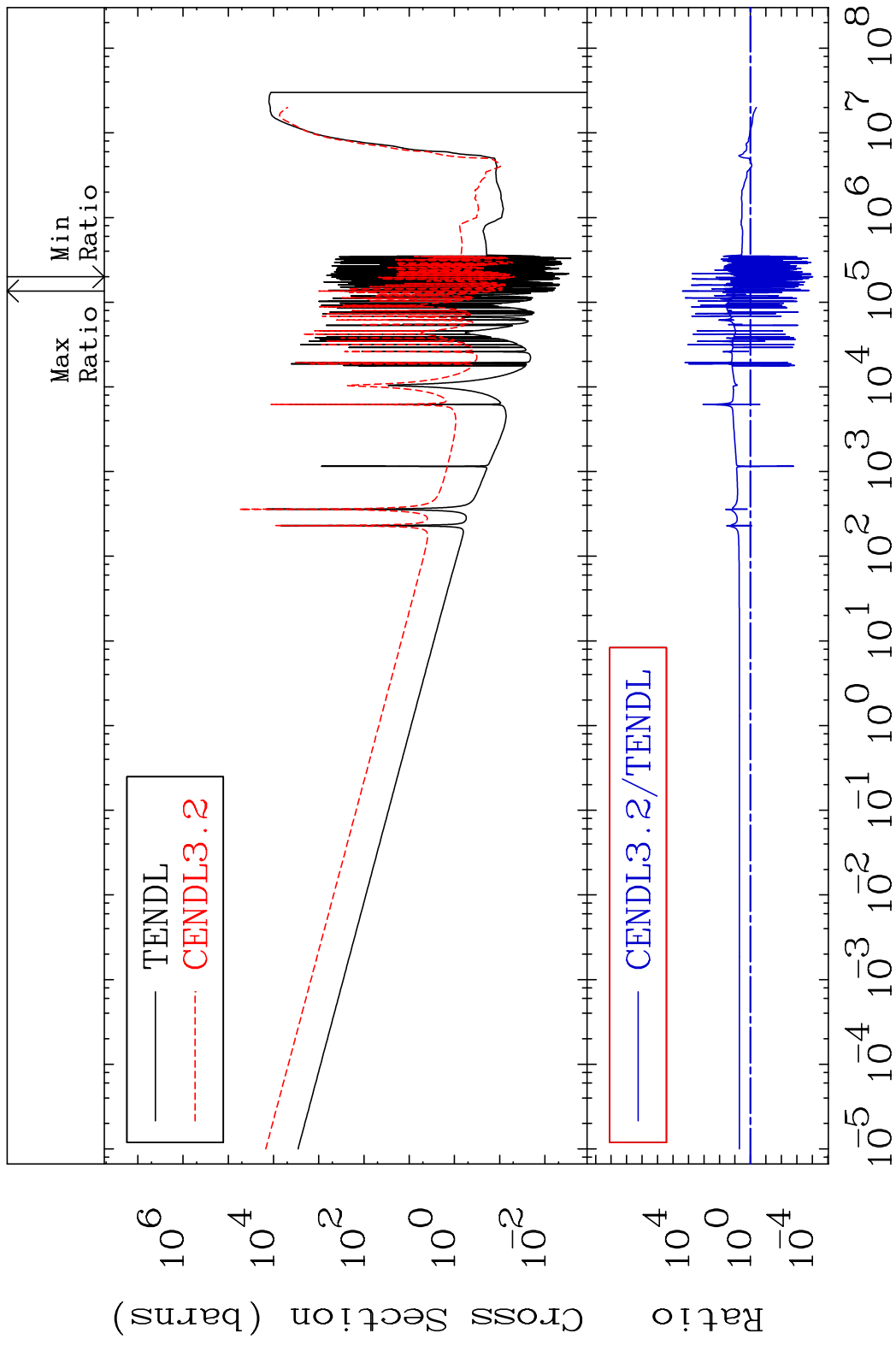
Incident Energy (eV)

<sup>26</sup>Fe-58

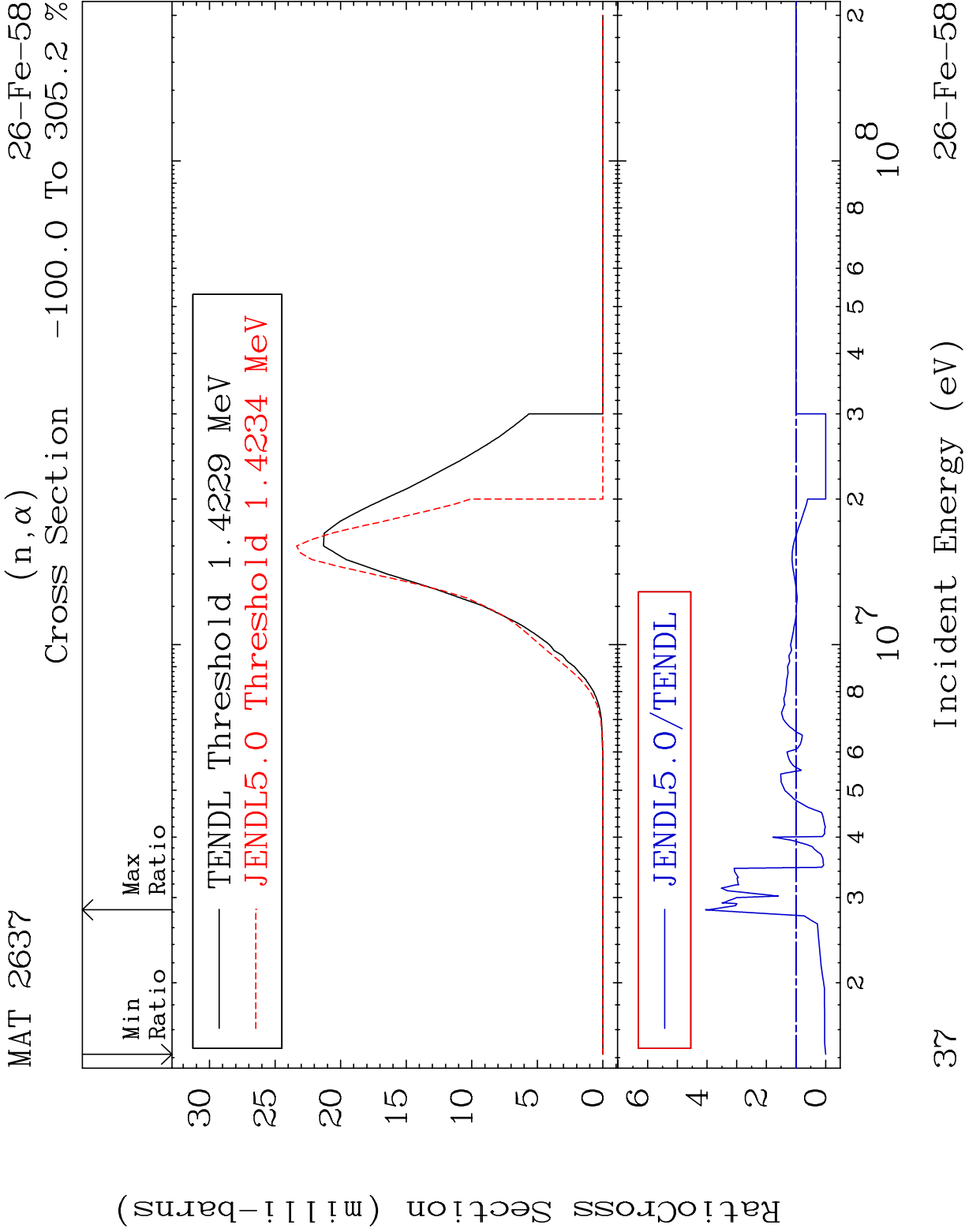
MAT 2637 Dpa inelastic (mt51-91) 26-Fe-58  
 Cross Section -100.0 To 47.97 %



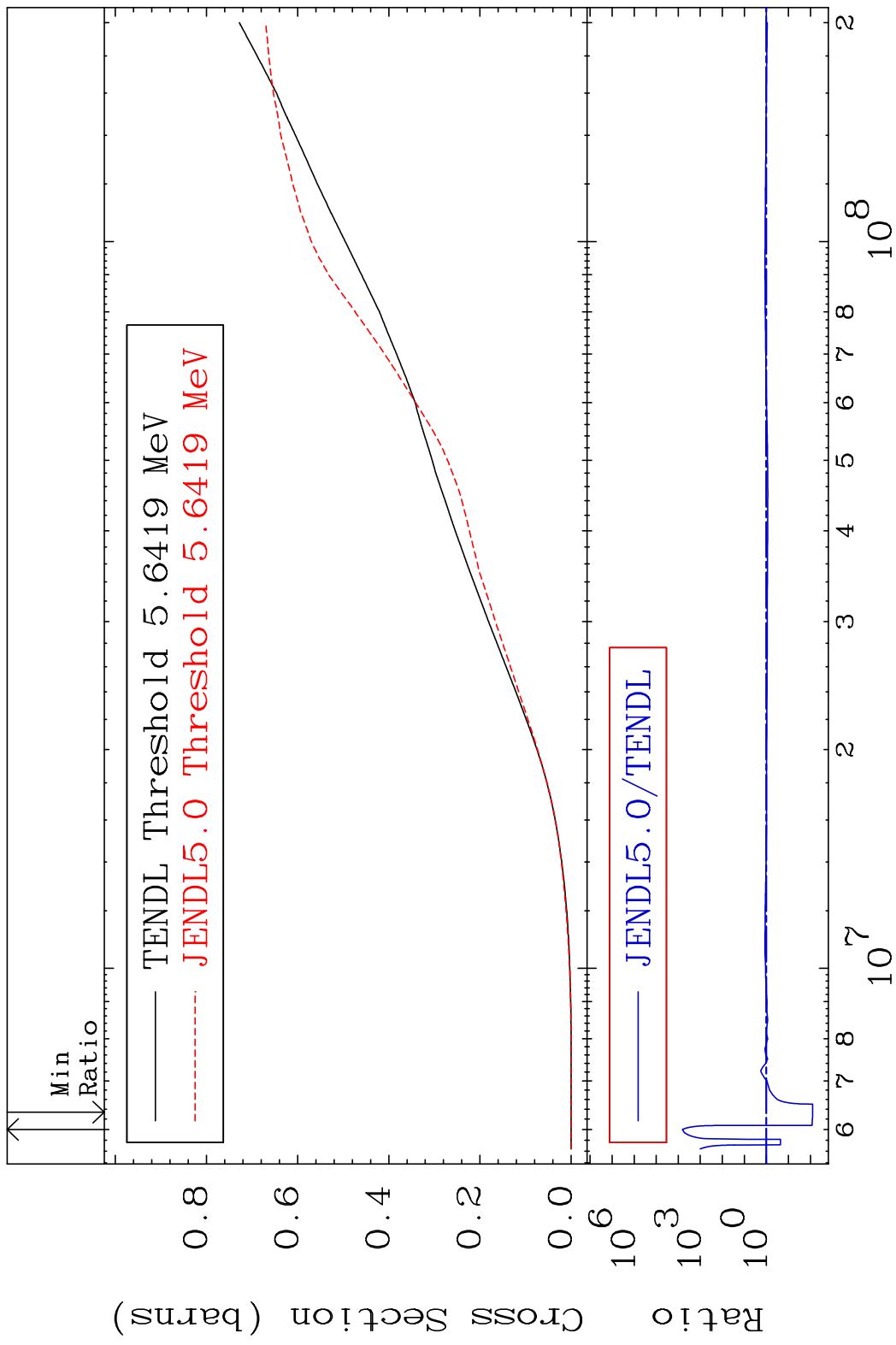
MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58  
 Cross Section -99.99 To 9999. %



36 Incident Energy (eV) 26-Fe-58



MAT 2637 Hydrogen Production 26-Fe-58  
 Cross Section -99.19 To 9999. %

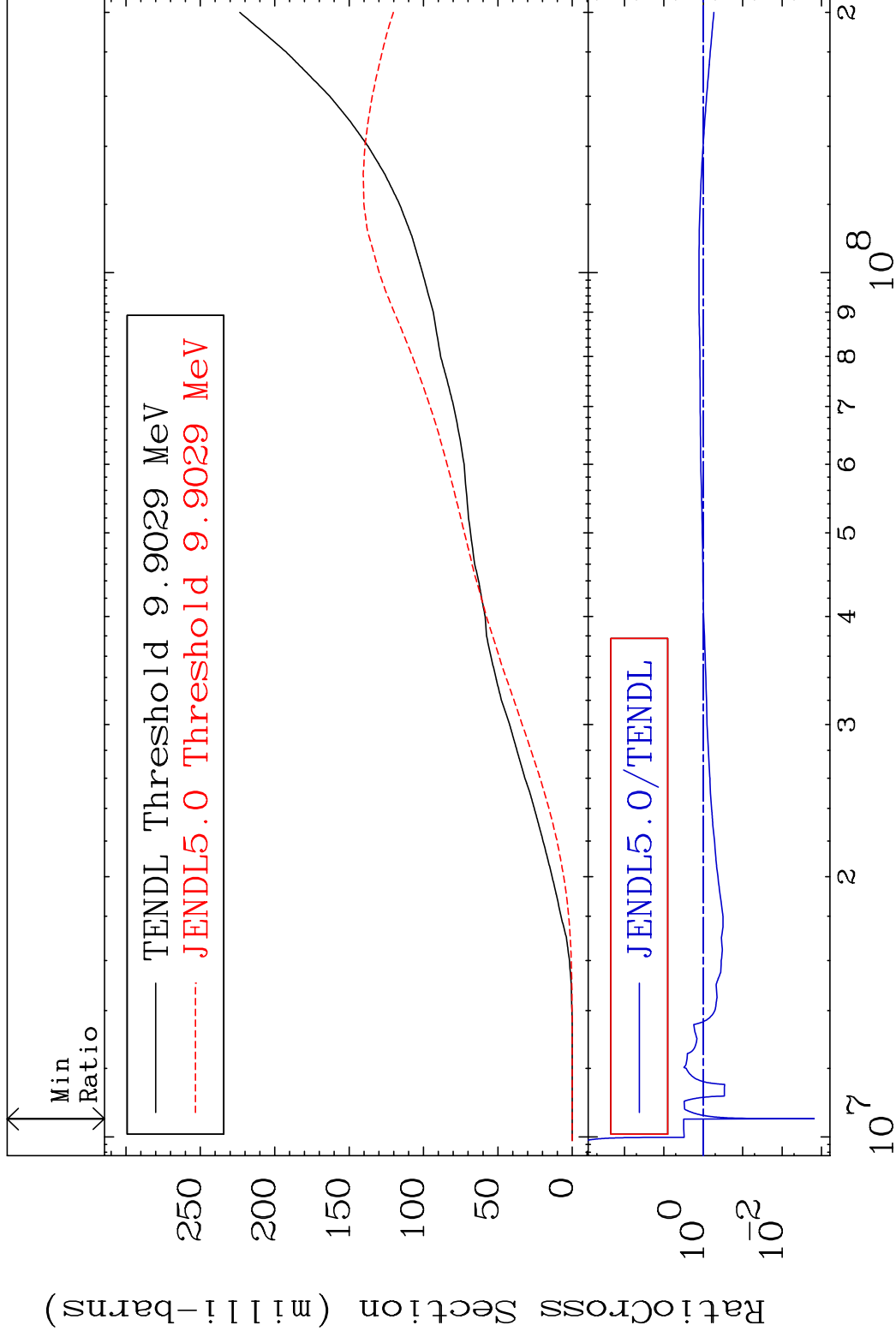


MAT 2637

Deuterium Production

<sup>26</sup>Fe-58

Cross Section -99.85 To 214.6 %



39

Incident Energy (eV)

<sup>26</sup>Fe-58

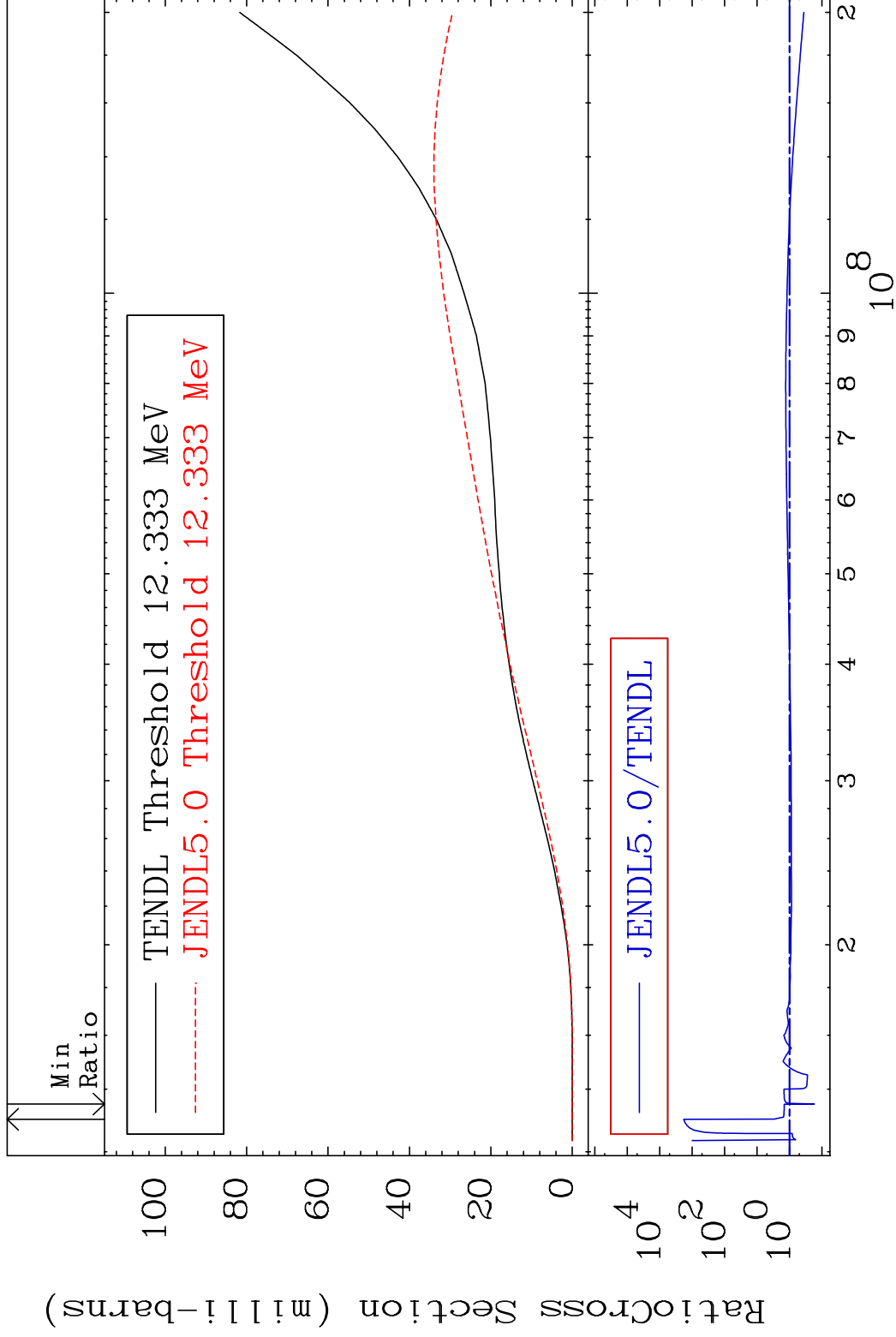


MAT 2637

Tritium Production

<sup>26</sup>Fe-58

Cross Section -82.59 To 9999. %



40

Incident Energy (eV)

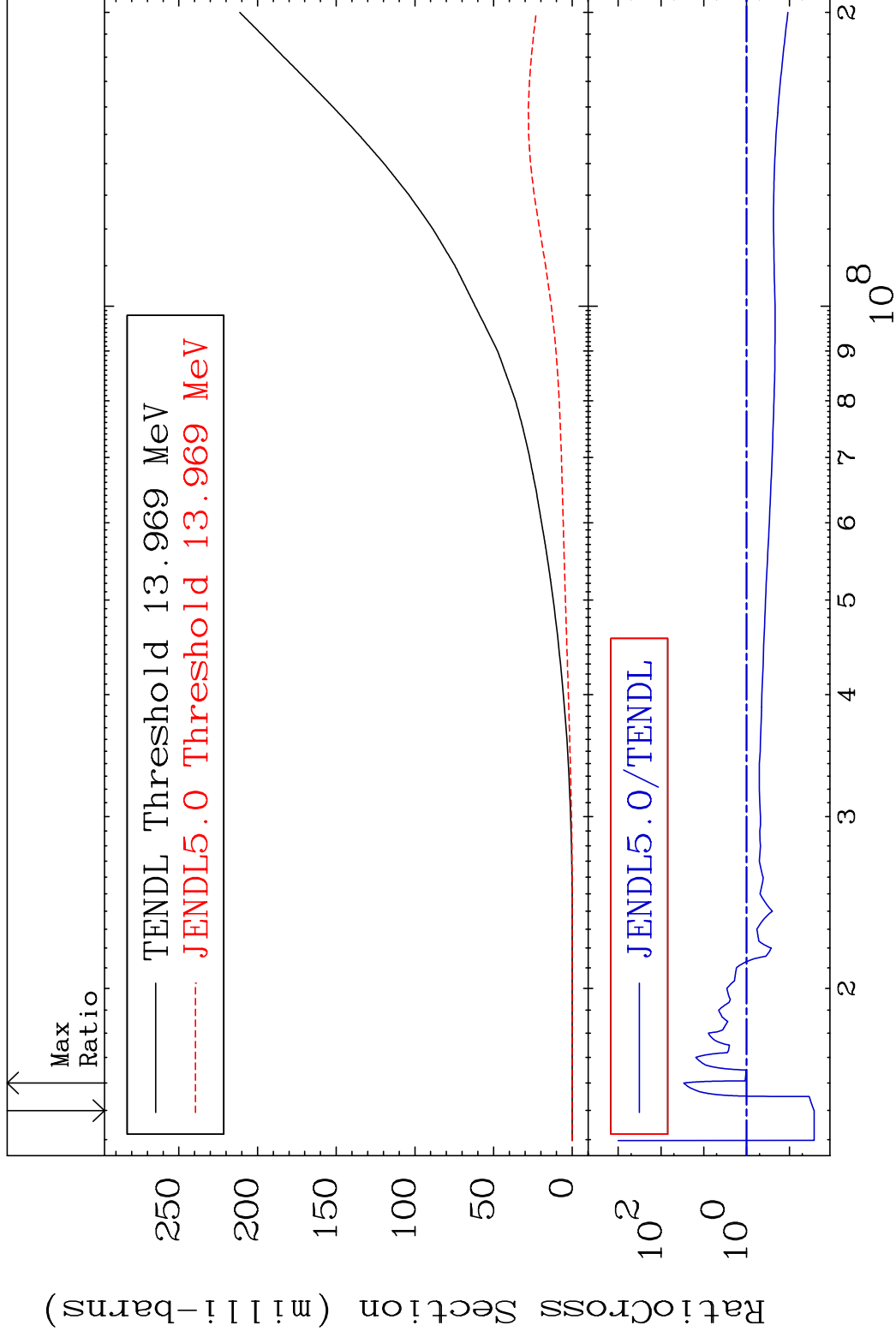
<sup>26</sup>Fe-58

MAT 2637

He-3 Production

<sup>26</sup>Fe-58

Cross Section -97.36 To 2855. %



41

Incident Energy (eV)

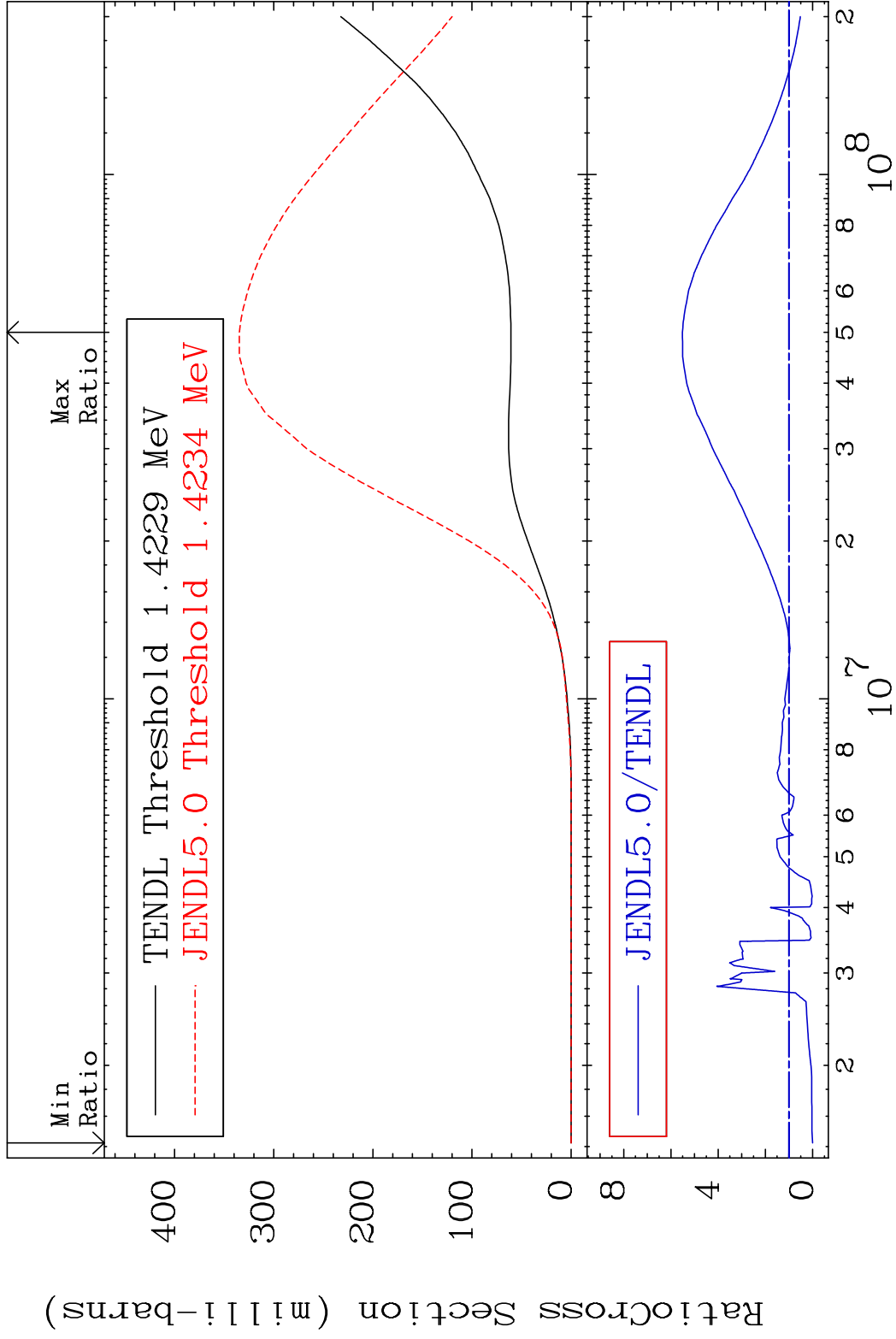
<sup>26</sup>Fe-58

MAT 2637

He-4 Production

<sup>26</sup>Fe-58

Cross Section -100.0 To 451.5 %

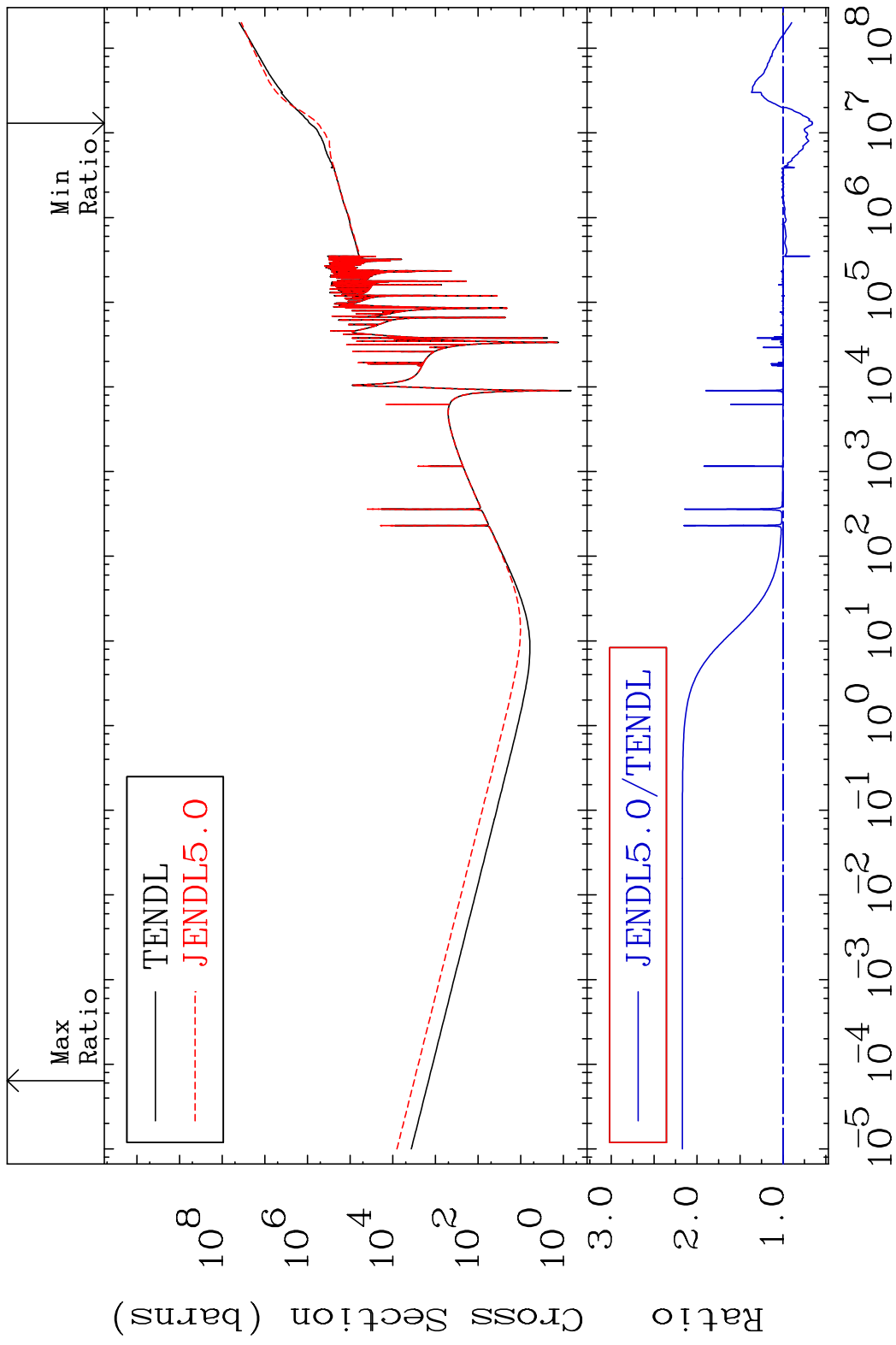


42

Incident Energy (eV)

<sup>26</sup>Fe-58

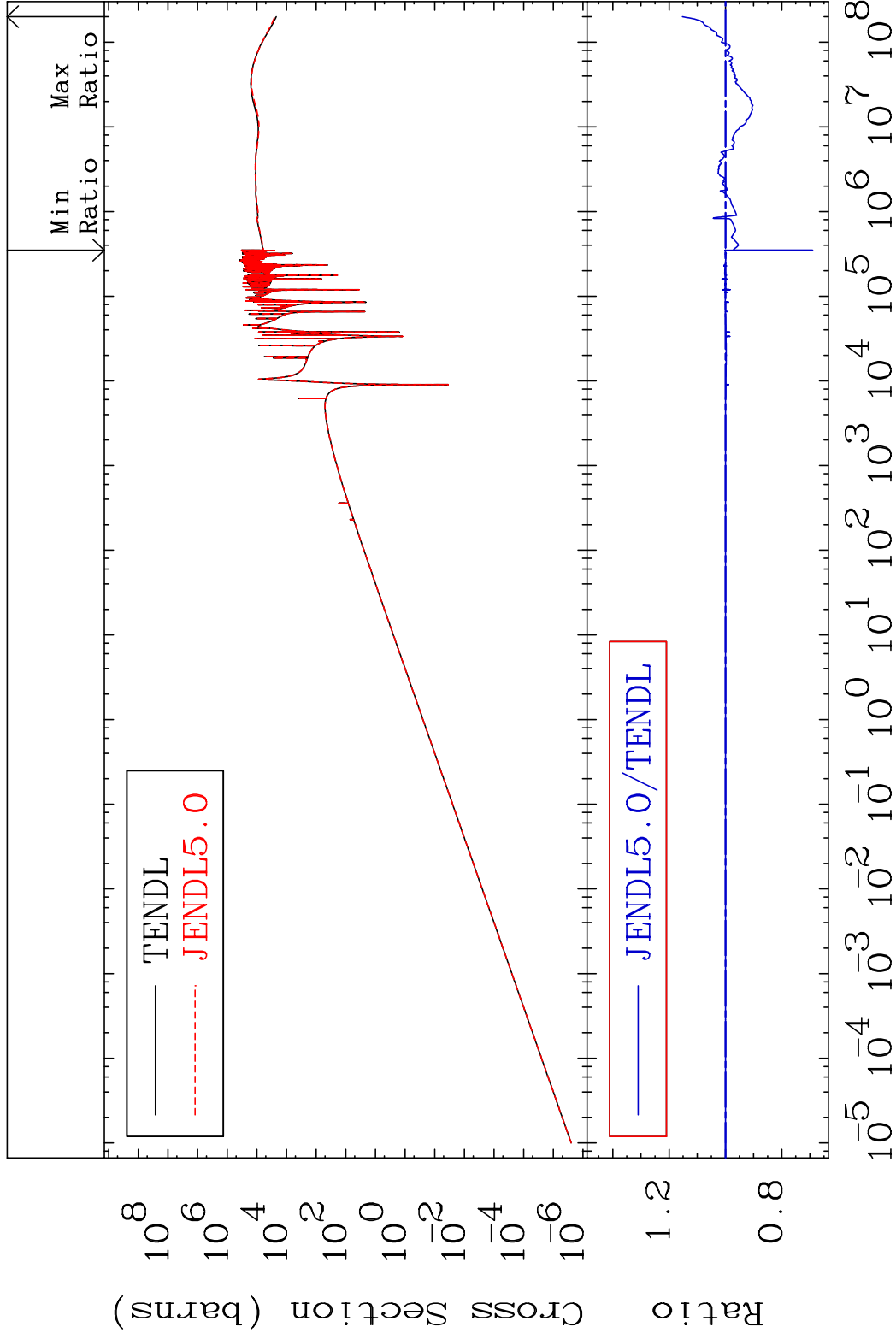
MAT 2637 Kerma total (eV-barns) 26-Fe-58  
 Cross Section -34.52 To 117.2 %



MAT 2637

Kerma elastic  
Cross Section

26-Fe-58  
-30.94 To 15.28 %

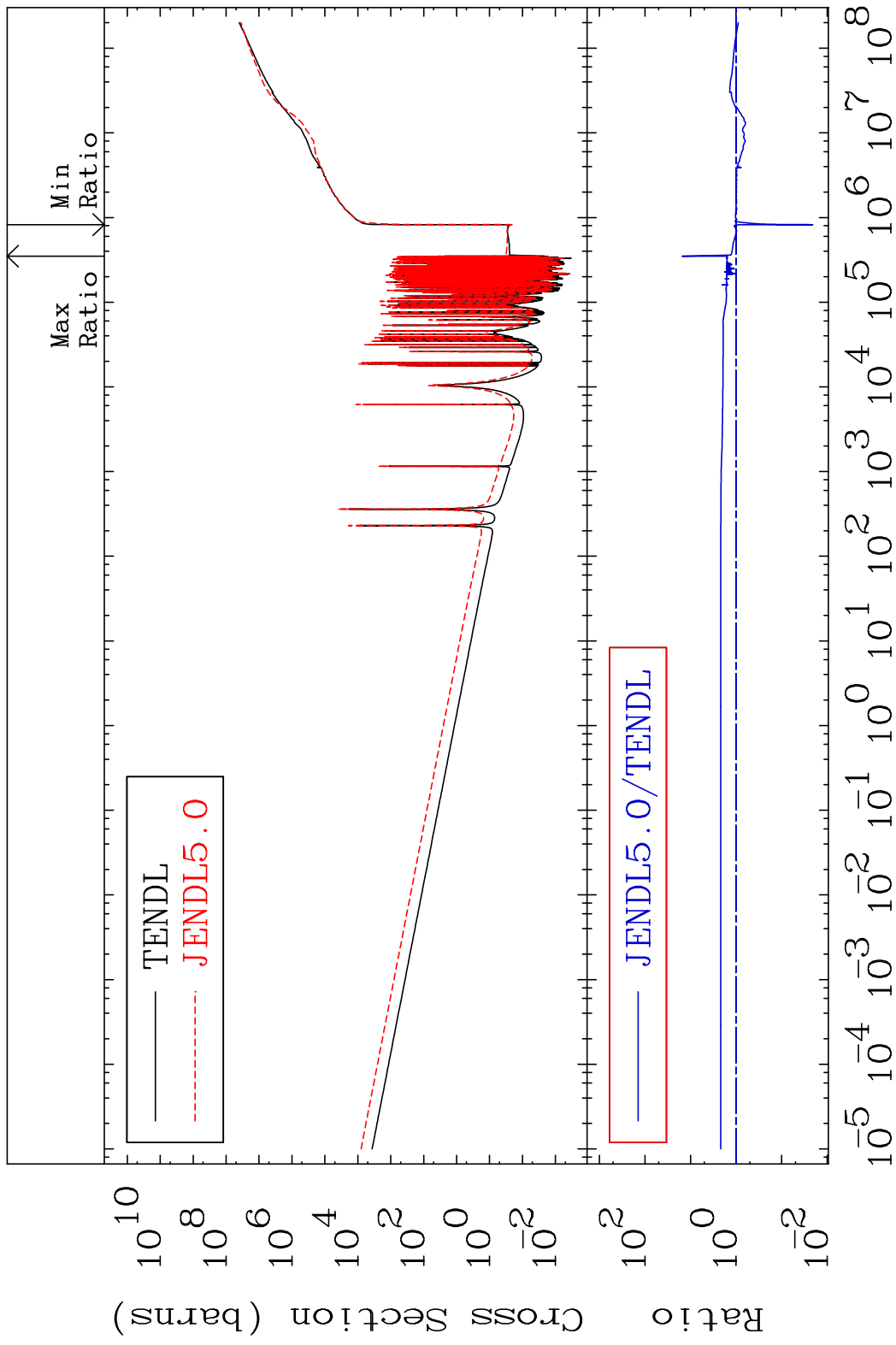


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Incident Energy (eV)

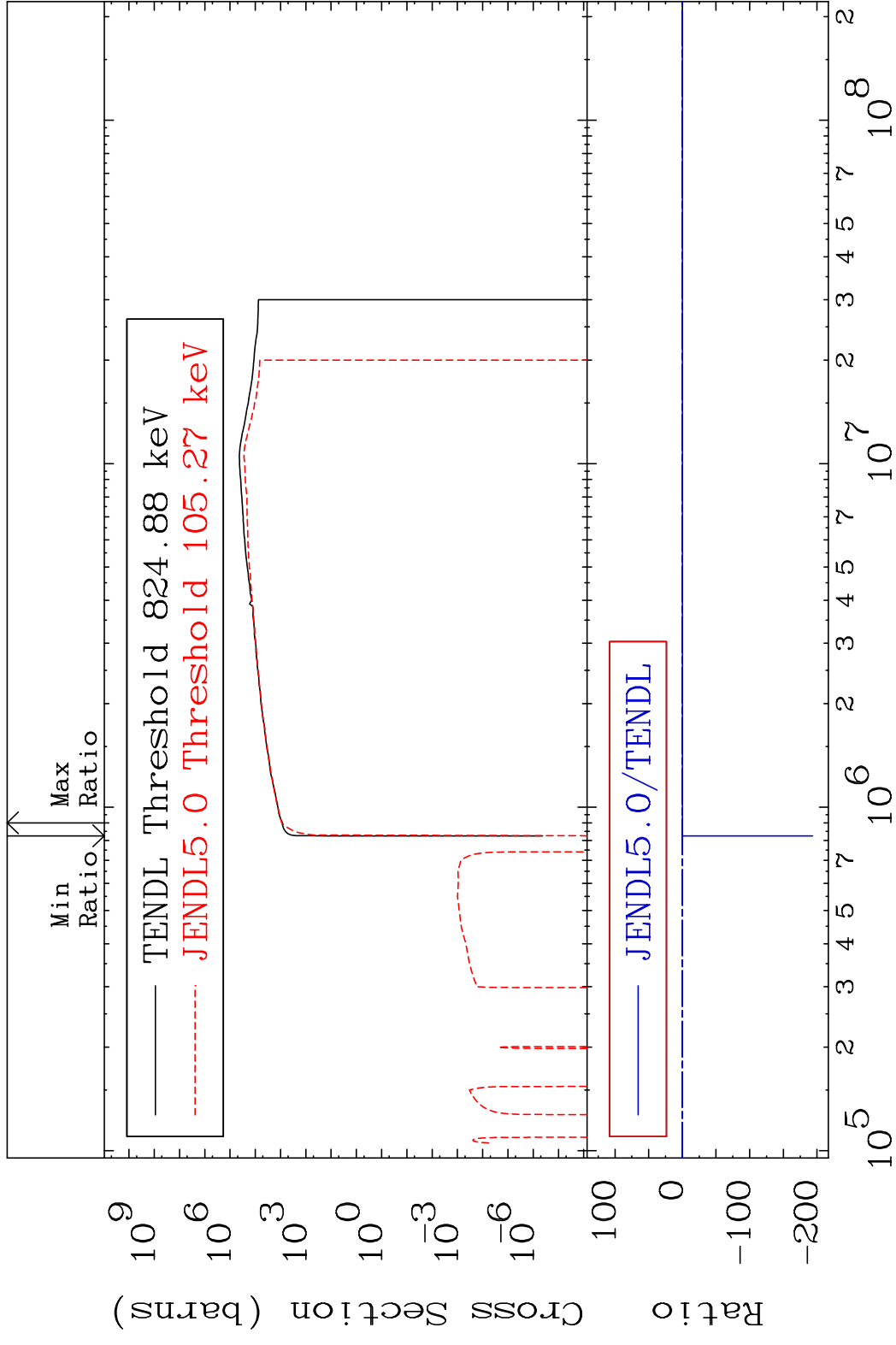
26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58  
 Cross Section -97.90 To 1409. %



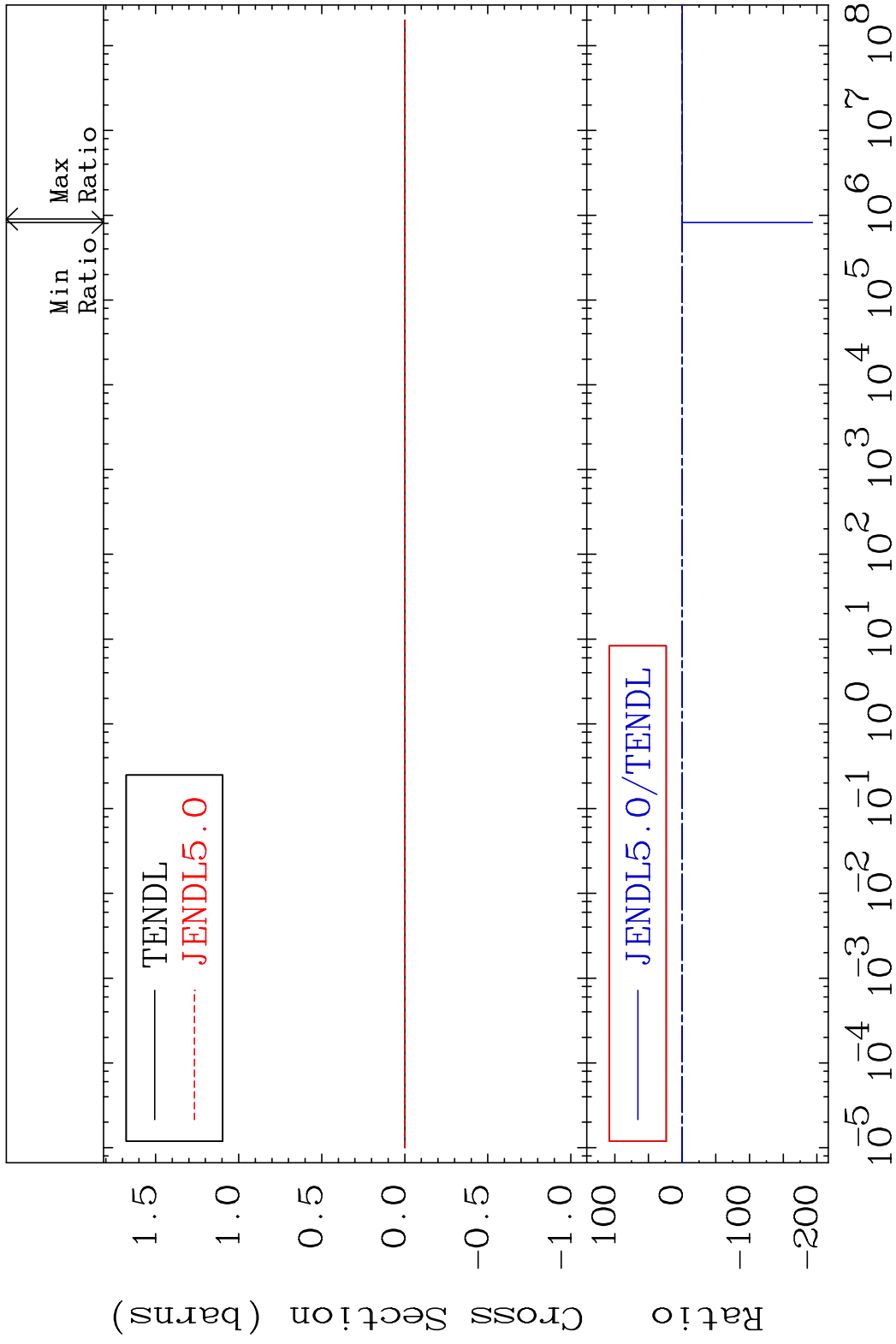
45 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma inelastic (mt51-91) 26-Fe-58  
 Cross Section -9999. To 6.118 %



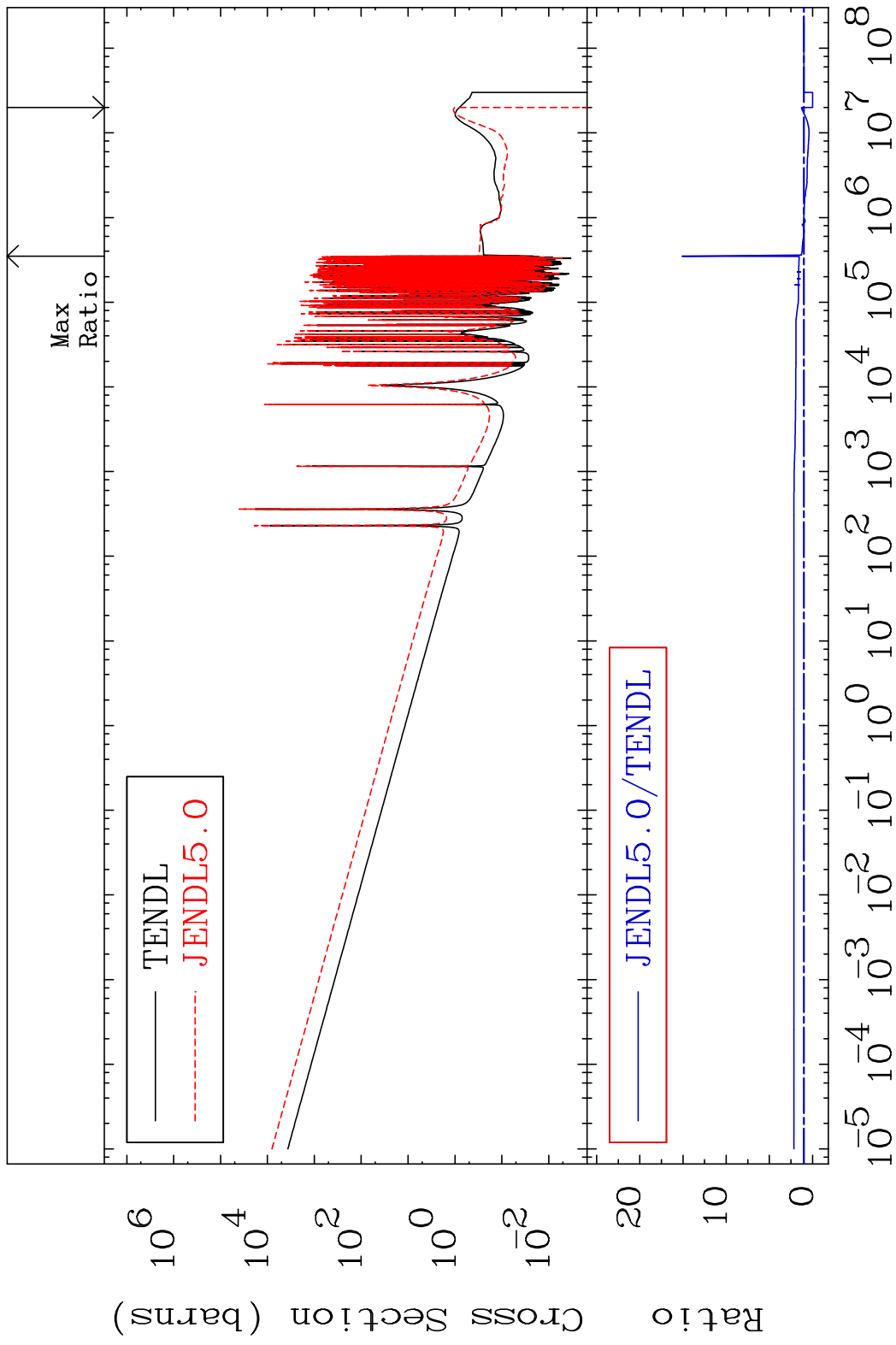
46 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58  
 Cross Section -9999. To 6.118 %



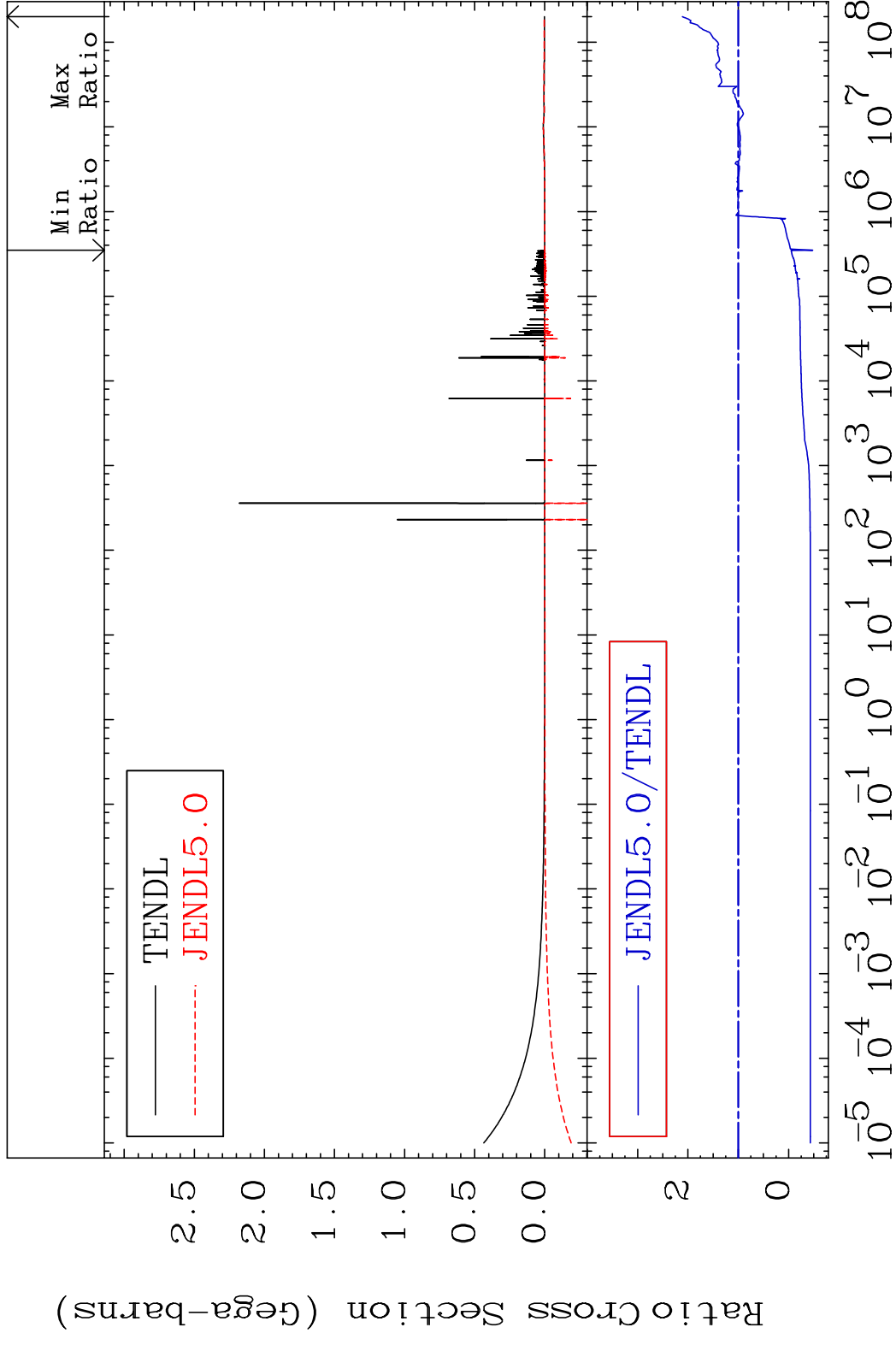


MAT 2637 Kerma capture (mt102) 26-Fe-58  
 Cross Section -100.0 To 1408. %

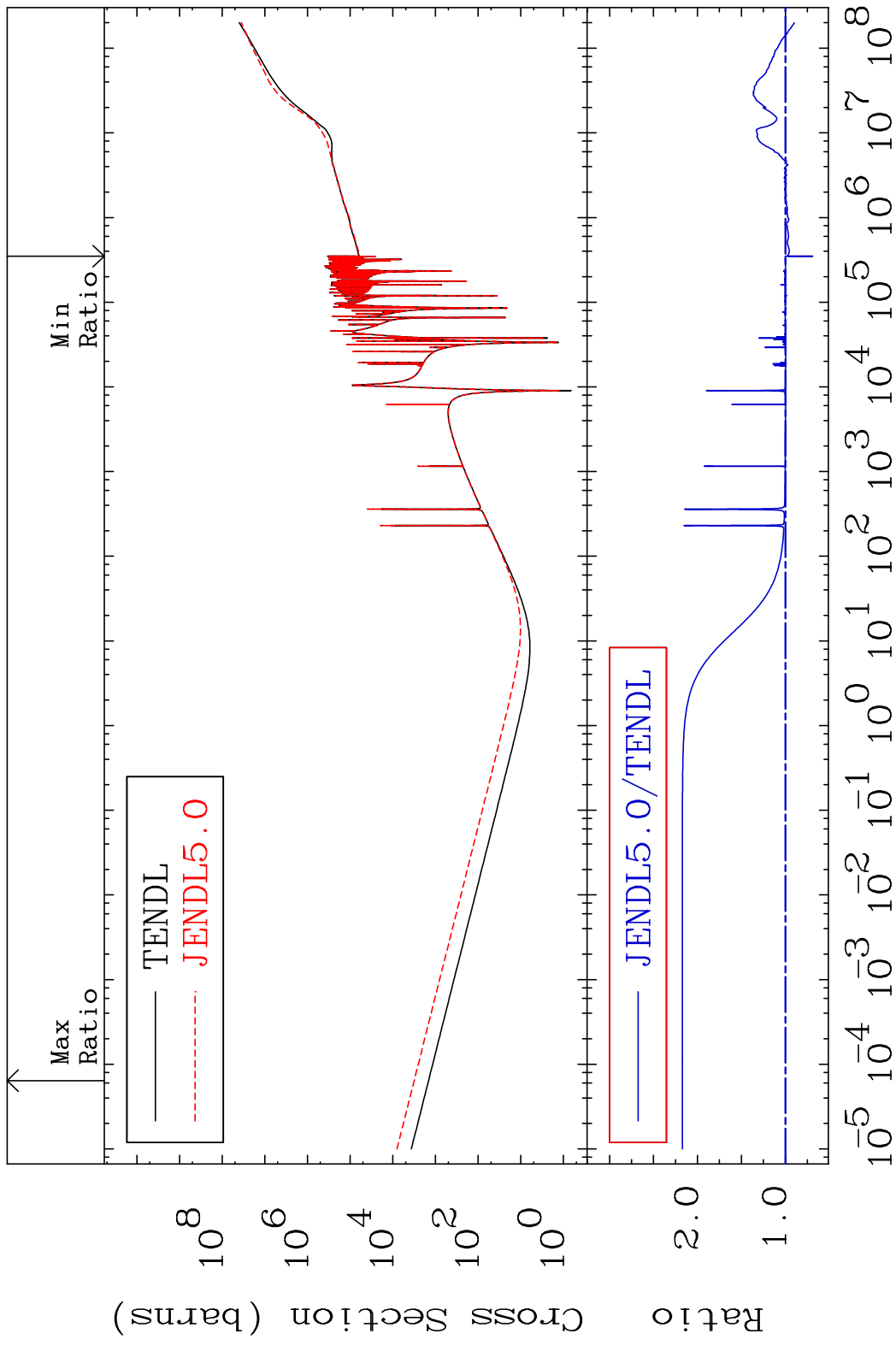


48 Incident Energy (eV) 26-Fe-58

MAT 2637 Total photon (eV-barns) 26-Fe-58  
Cross Section -147.6 To 111.1 %



MAT 2637 Total kinematic kerma (high limit) 26-Fe-58  
 Cross Section -30.94 To 117.2 %

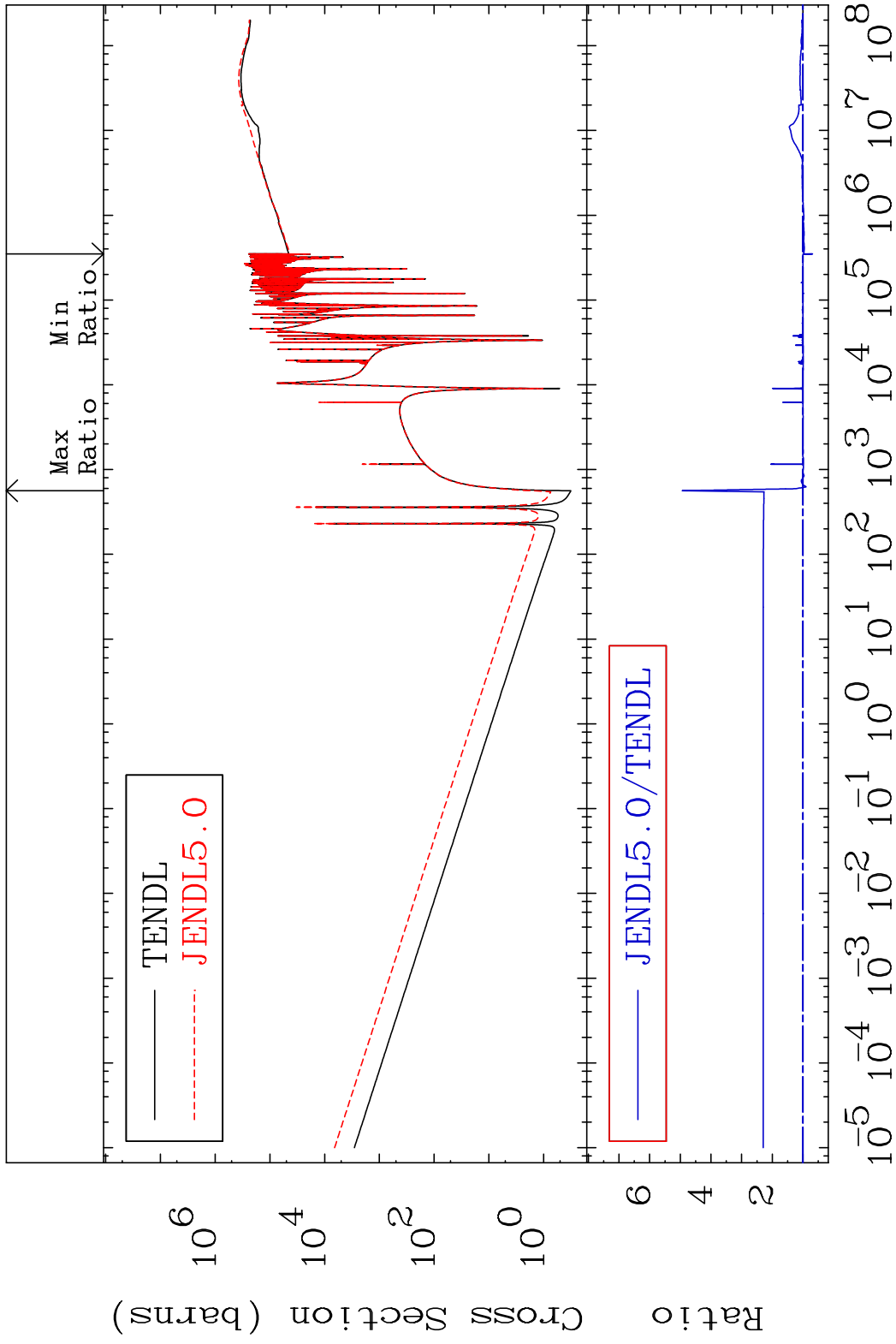


MAT 2637

Dpa total (eV-barns)

26-Fe-58

Cross Section -30.94 To 394.0 %

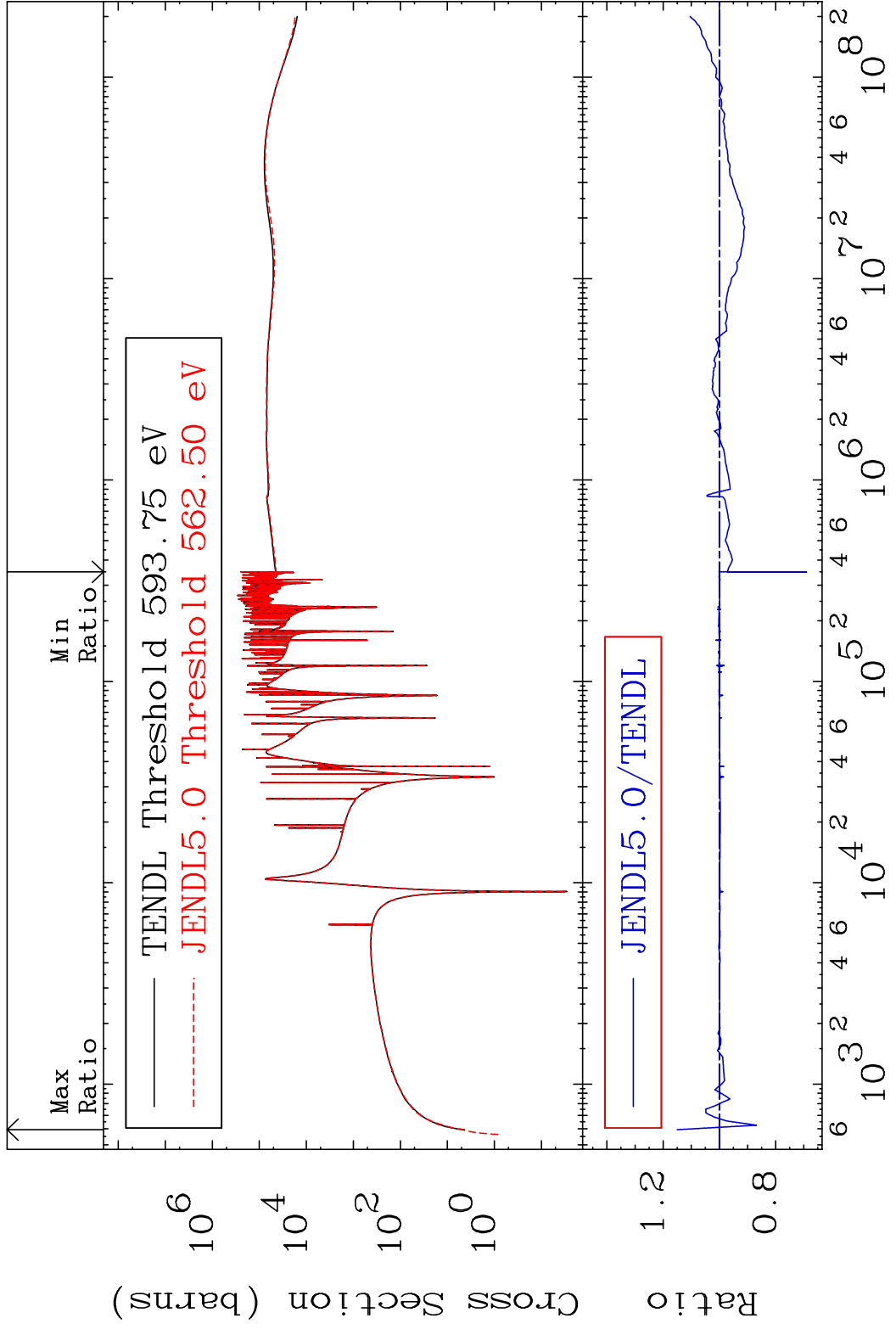


51

Incident Energy (eV)

26-Fe-58

MAT 2637 Dpa elastic (mt2) 26-Fe-58  
 Cross Section -30.94 To 15.00 %

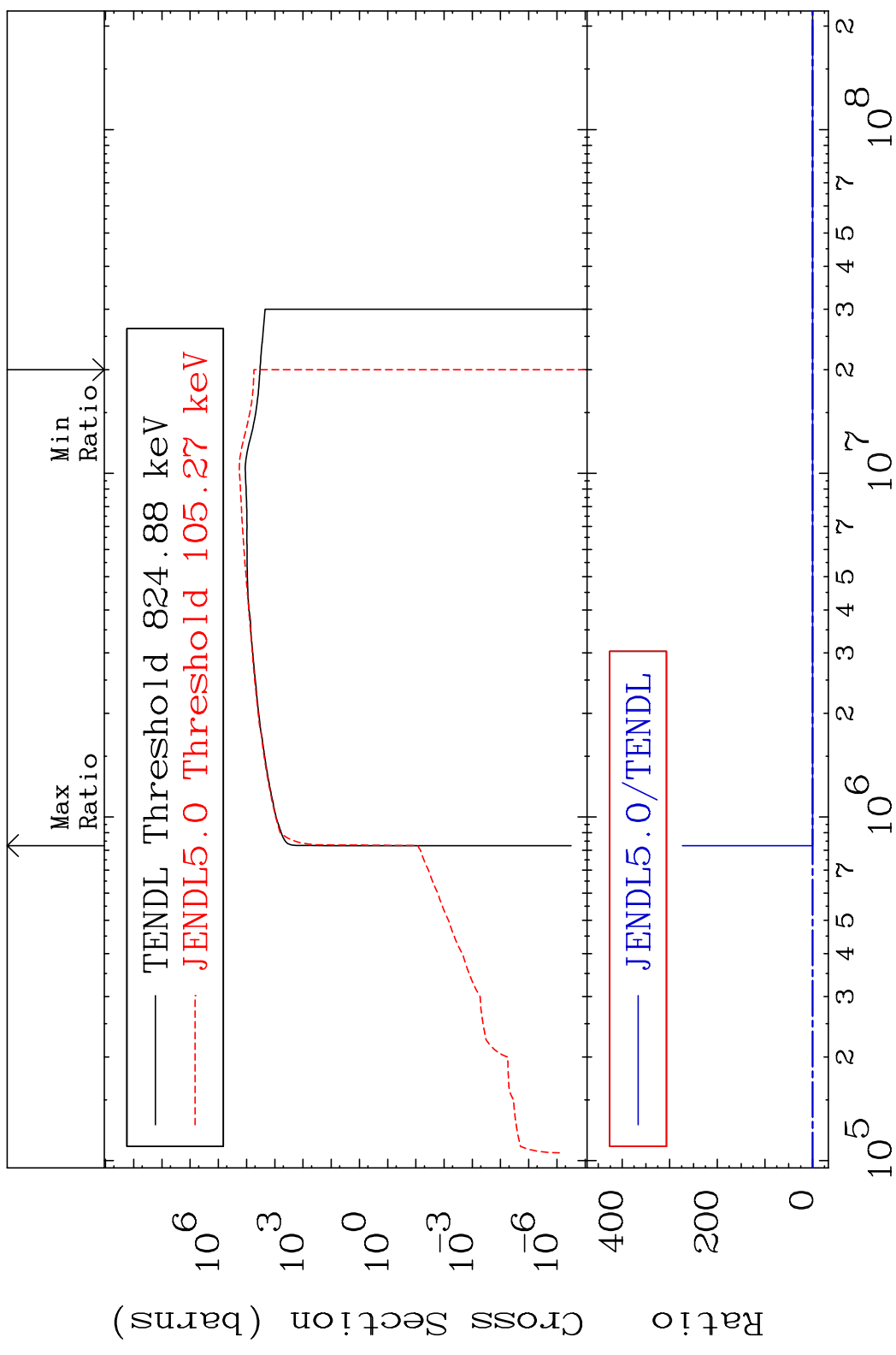


MAT 2637

Dpa inelastic (mt51-91)

26-Fe-58

Cross Section -100.0 To 9999. %

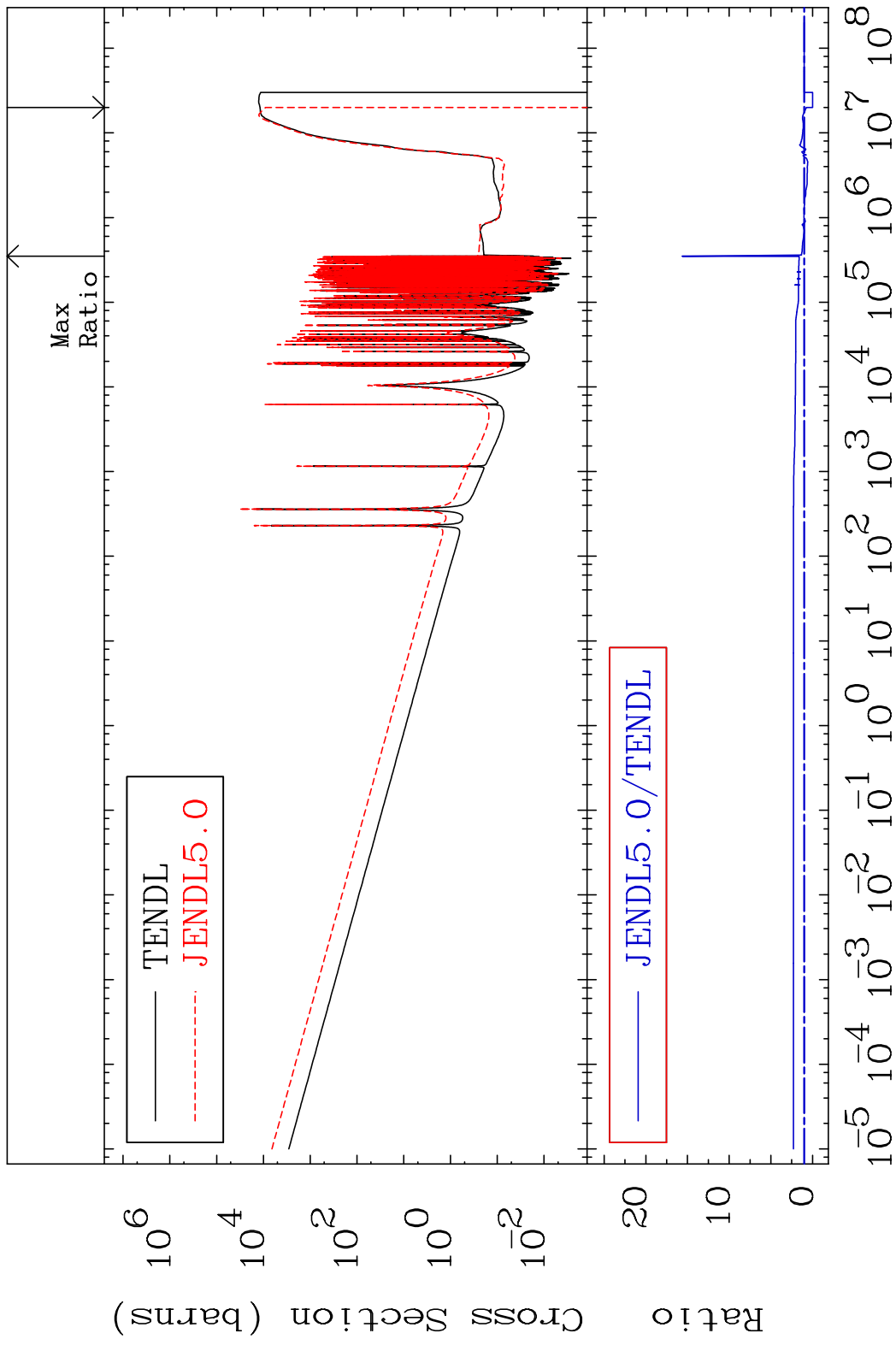


53

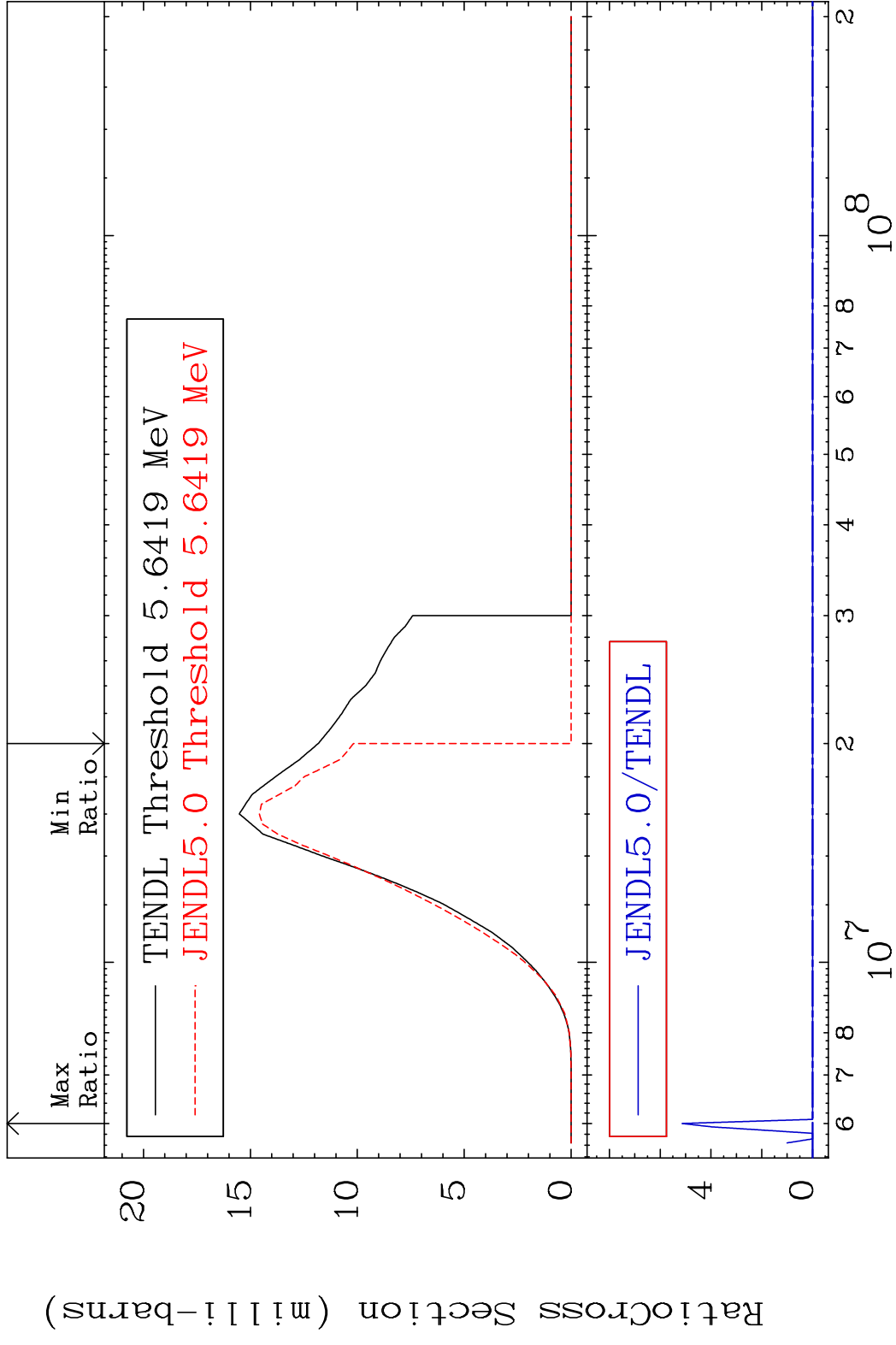
Incident Energy (eV)

26-Fe-58

MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58  
 Cross Section -100.0 To 1462. %



MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58  
 Radionuclide Production Cross Section Ratio





MAT 2637 (n,p):25-Mn-58m1 26-Fe-58  
 Radionuclide Production Cross Section Ratio

