

Program Complot  
(Version 2018-1)

by

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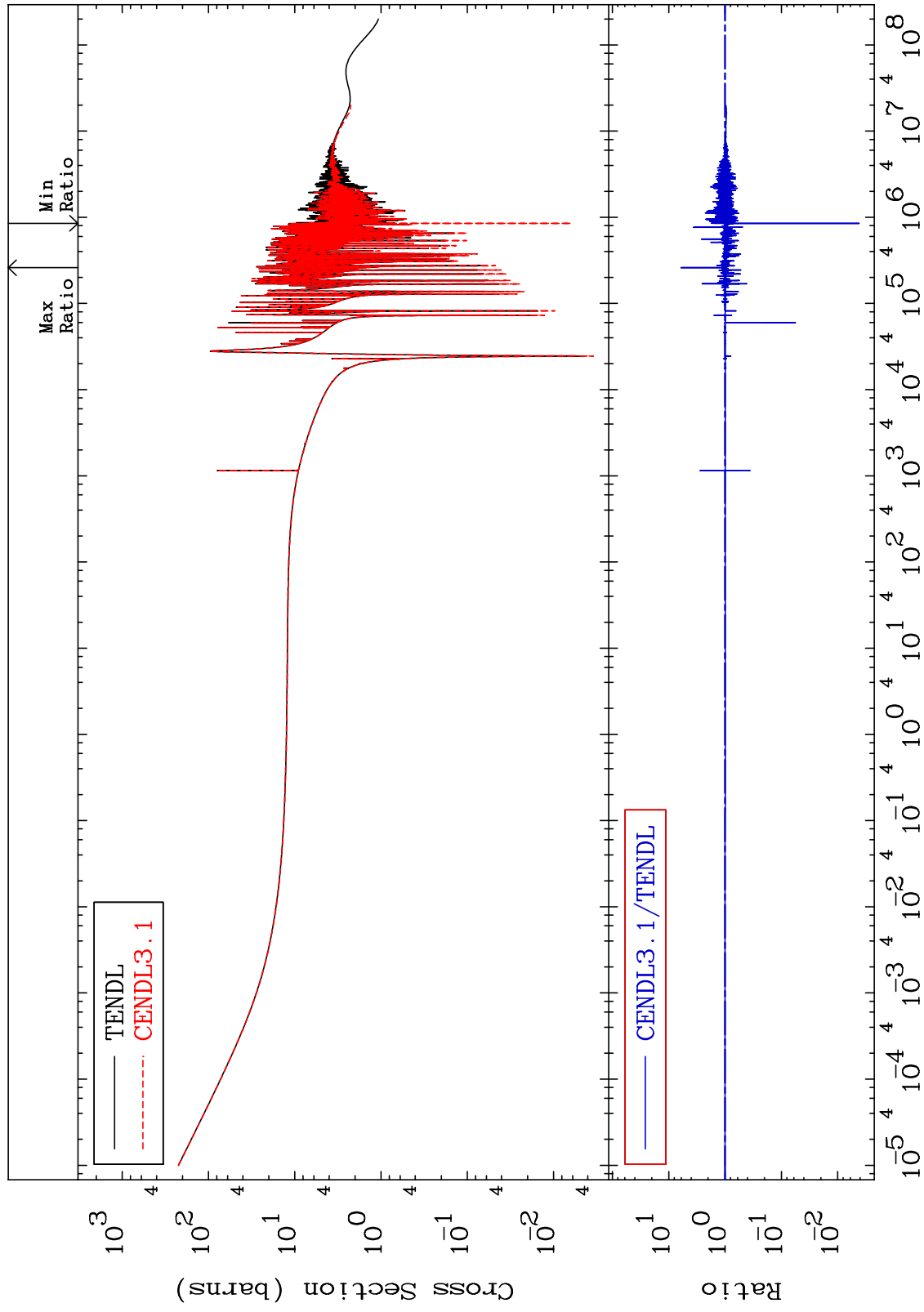
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2631 Total Cross Section 26-Fe-56 -99.58 To 509.2 %



26-Fe-56

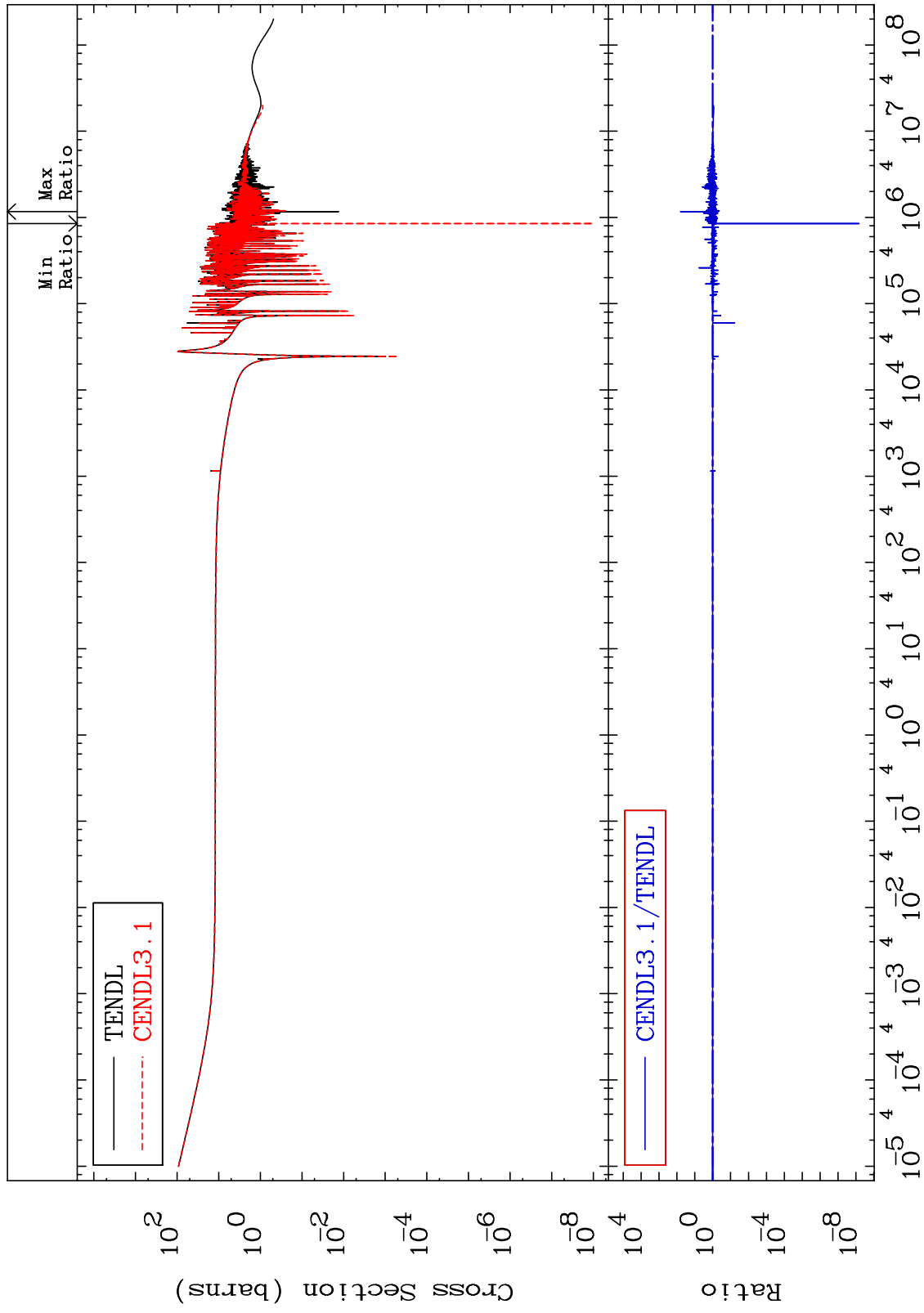
Incident Energy (eV)

1

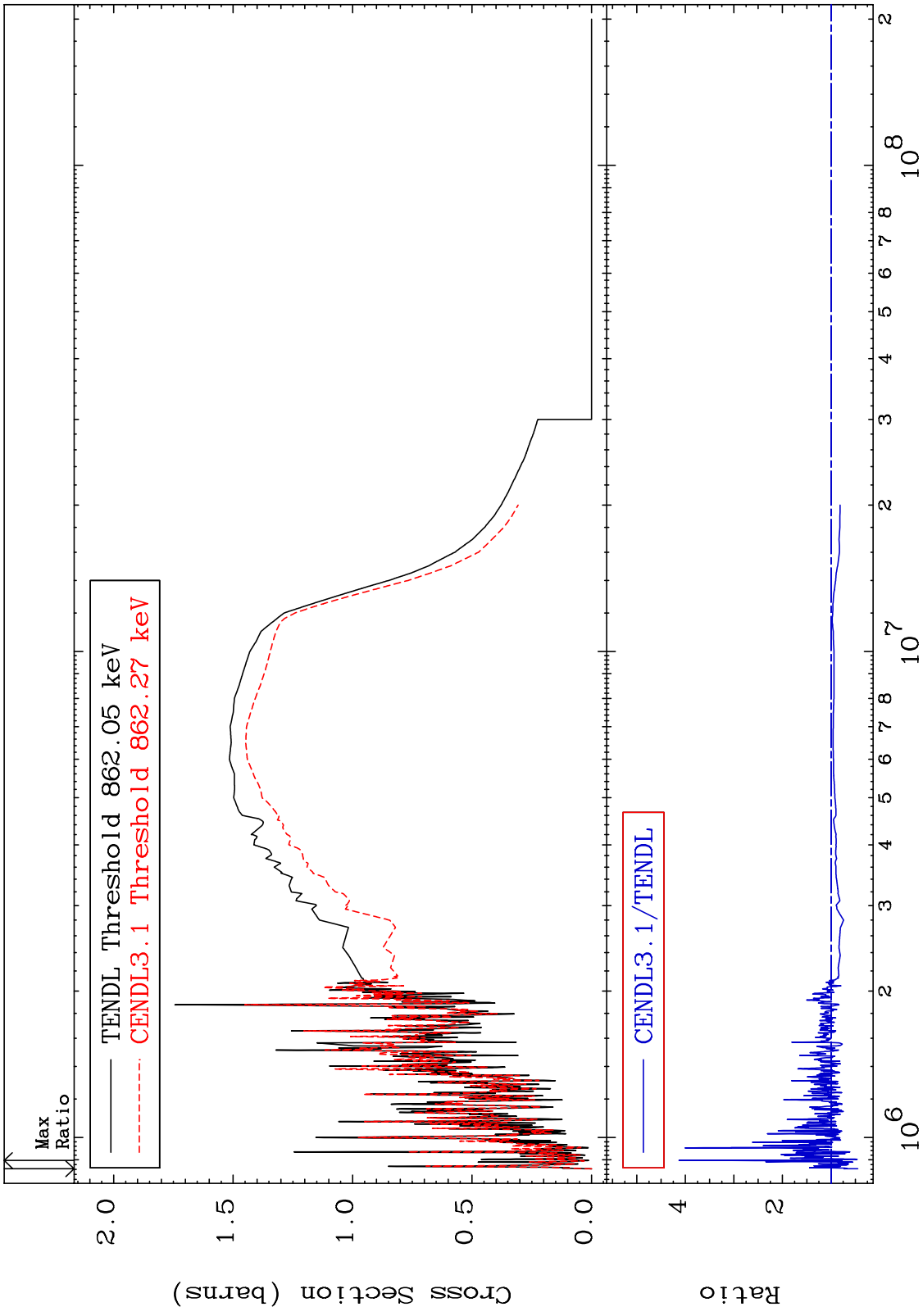
MAT 2631

Elastic  
Cross Section

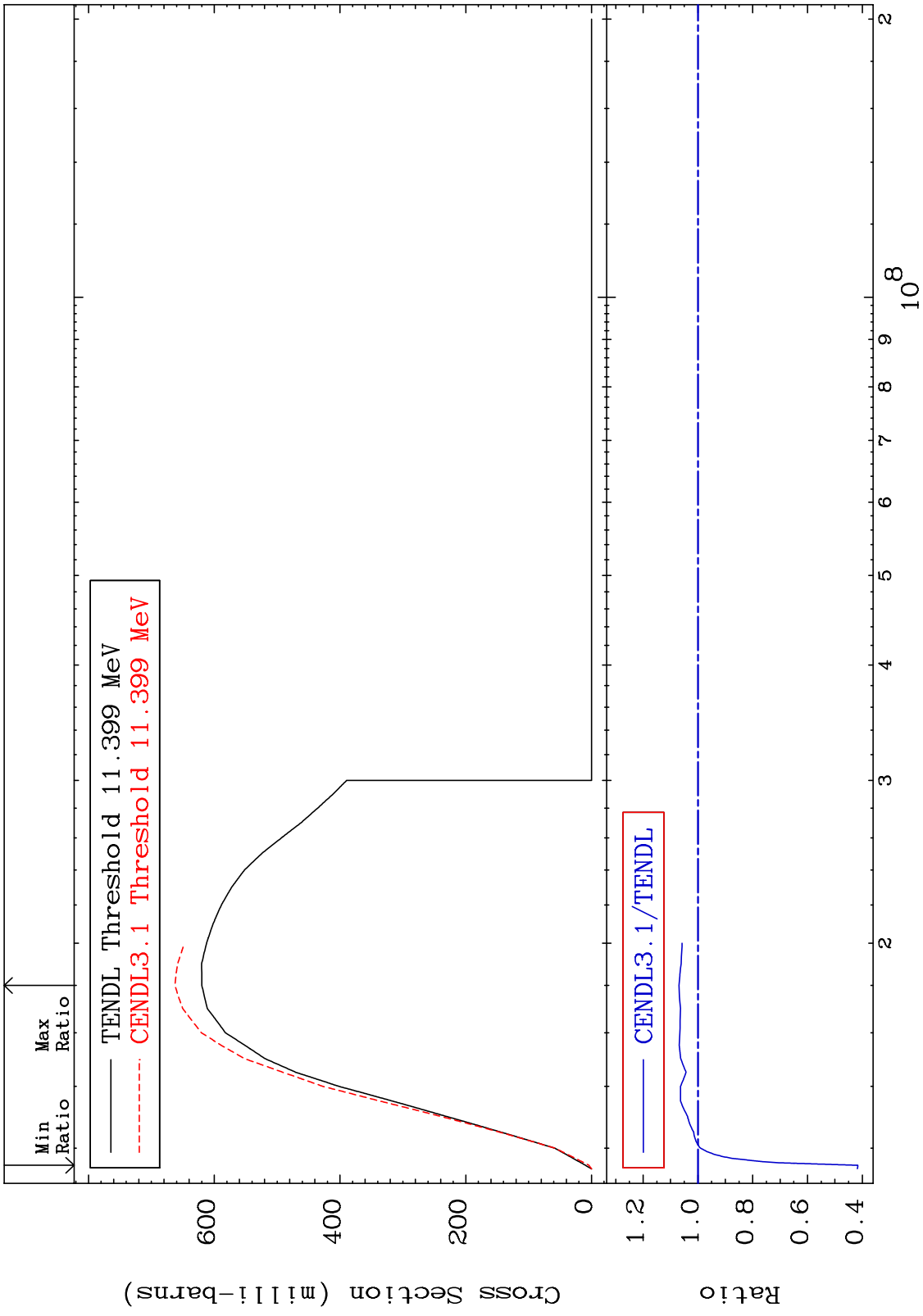
26-Fe-56  
-100.0 To 6072. %



MAT 2631 Inelastic Cross Section 26-Fe-56 -55.22 To 313.1 %



MAT 2631  $(n,2n)$  Cross Section  $^{26}\text{Fe-56}$   
 -58.36 To 6.897 %



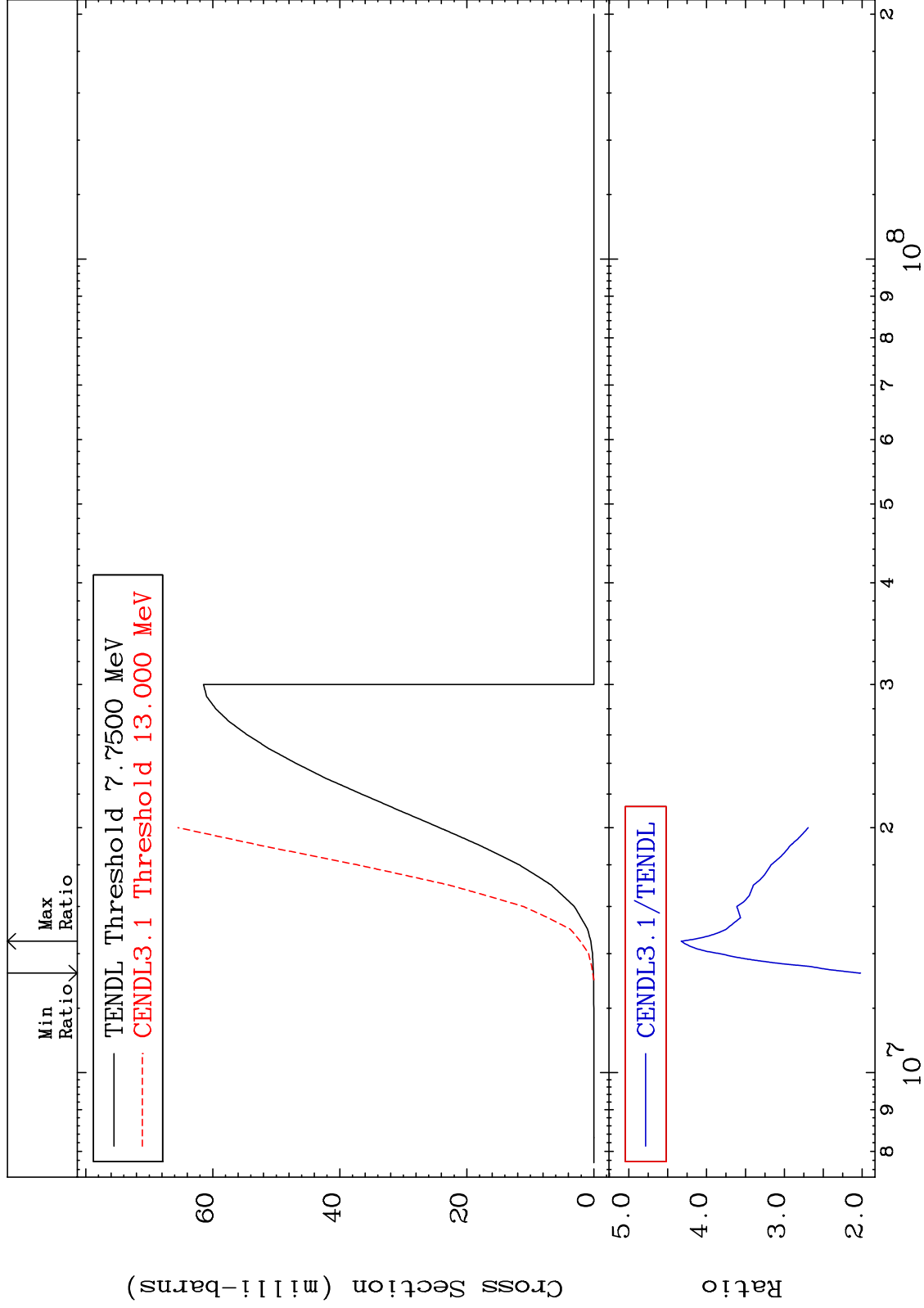
MAT 2631

(n,n')  $\alpha$

<sup>26</sup>Fe-56

Cross Section

103.0 To 332.6 %

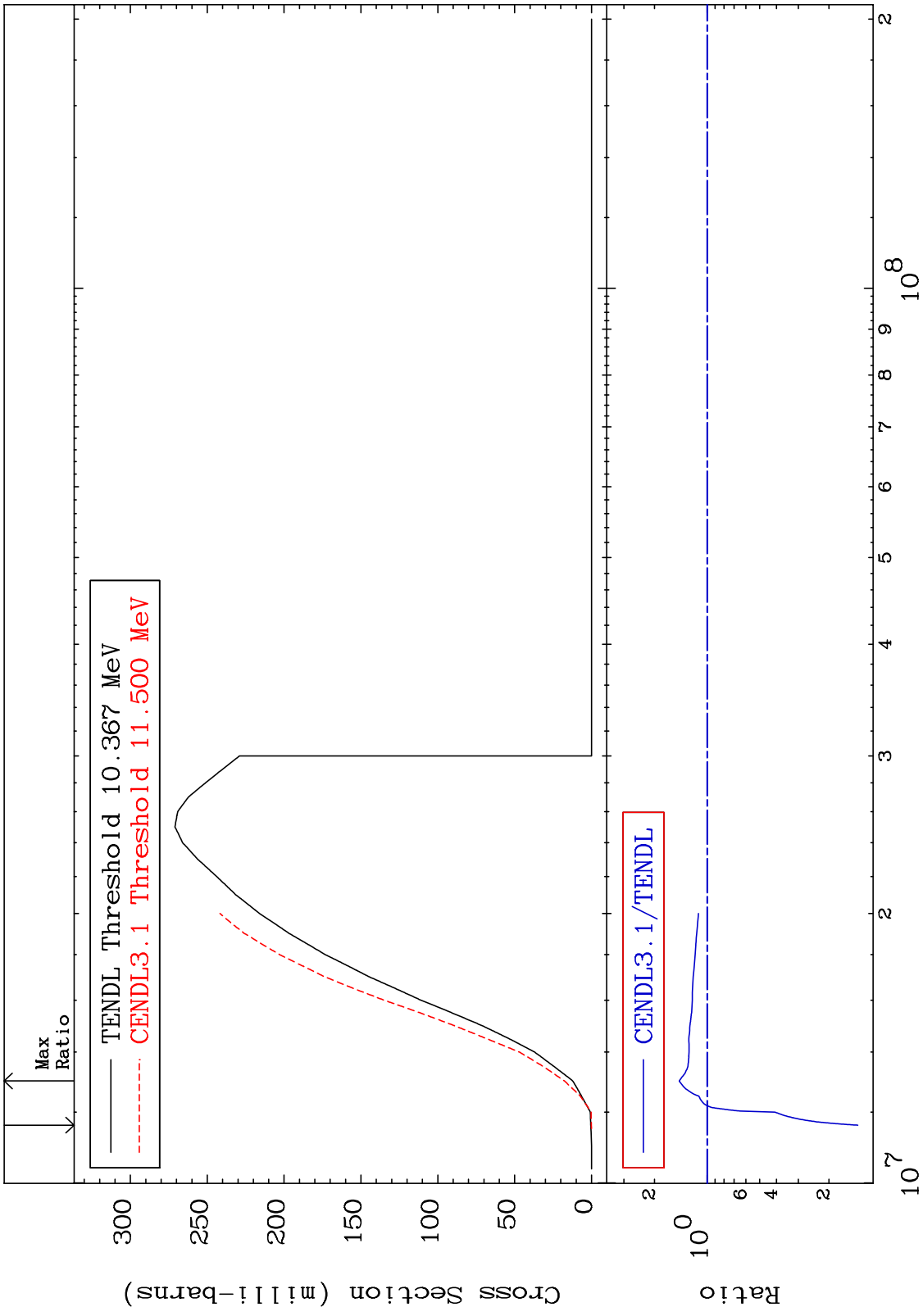


5

Incident Energy (eV)

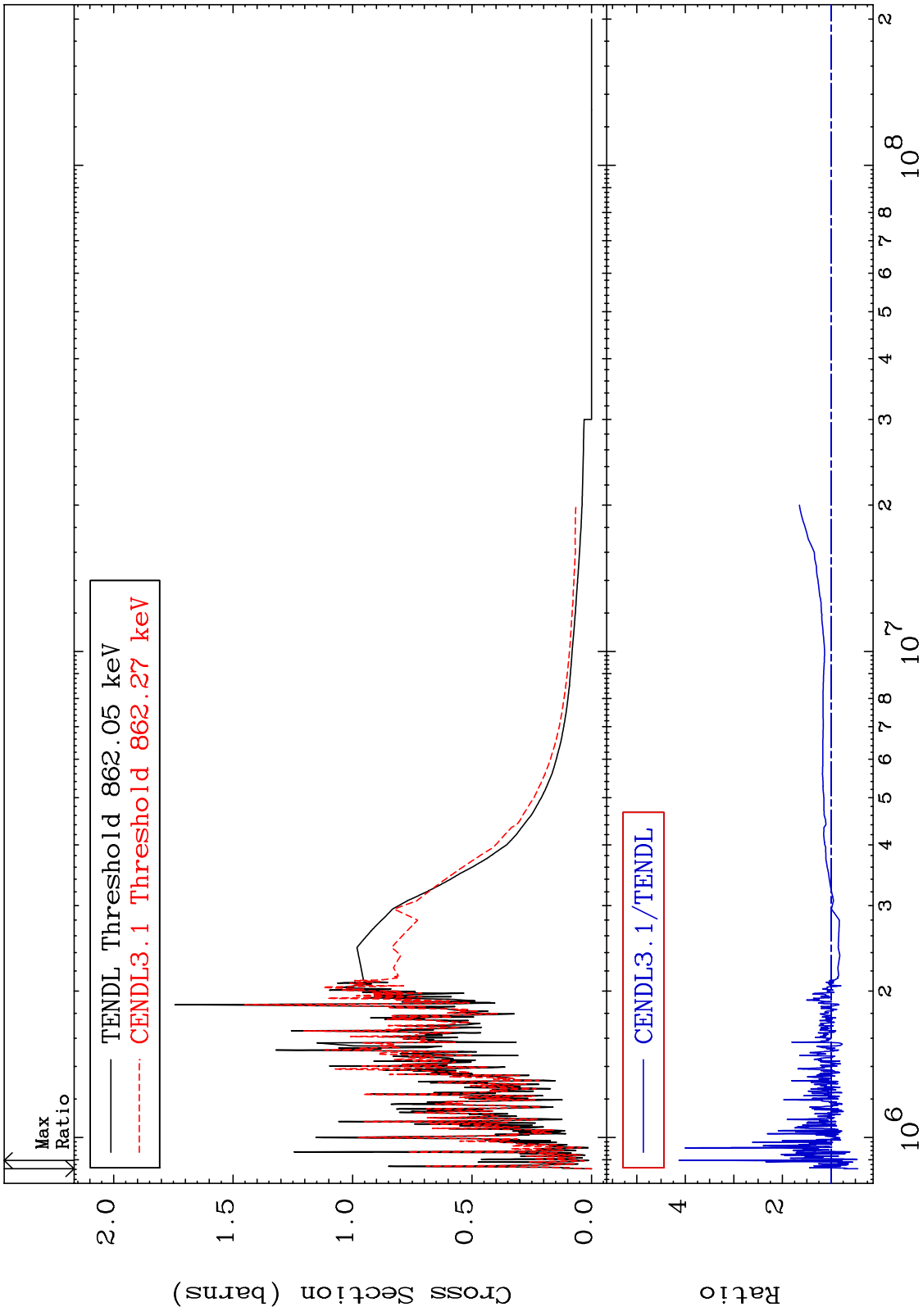
<sup>26</sup>Fe-56

MAT 2631 (n,n') p Cross Section 26-Fe-56 -86.34 To 44.79 %



26-Fe-56

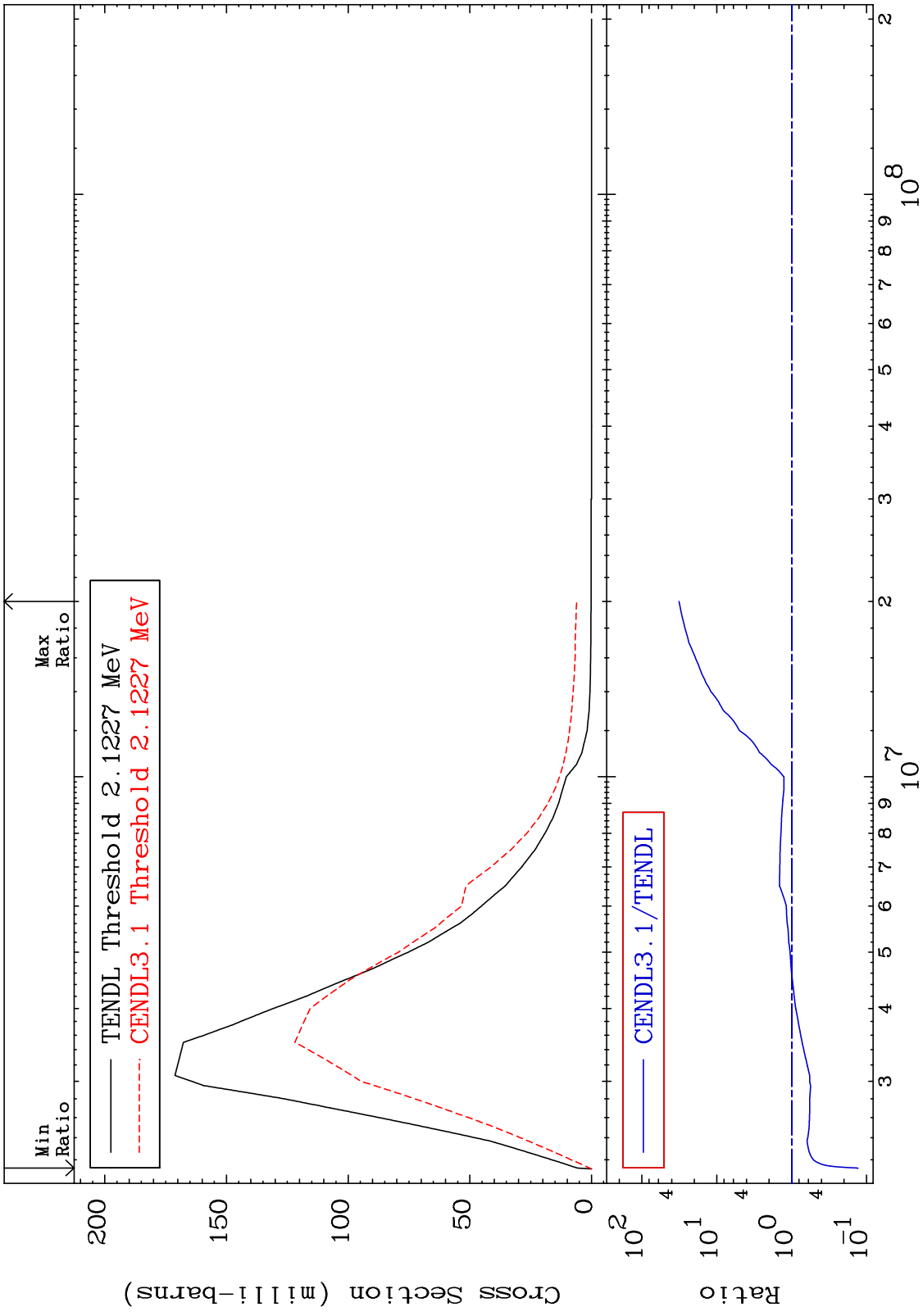
MAT 2631 MT= 51 (n,n') Level Cross Section -55.22 To 313.1 % 26-Fe-56



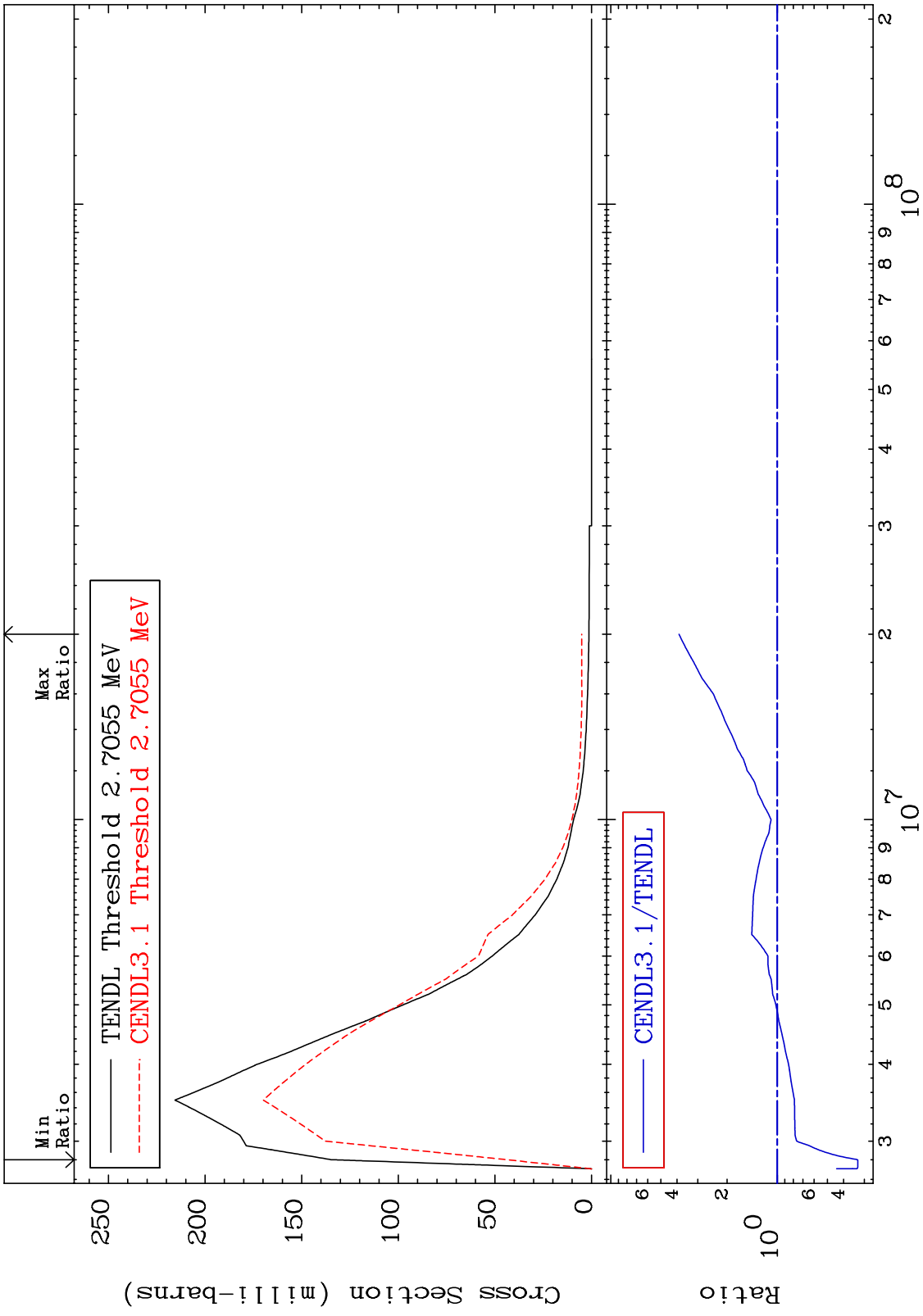
26-Fe-56



MAT 2631      MT= 52 (n,n') Level Cross Section      26-Fe-56  
 -86.90 To 3088. %



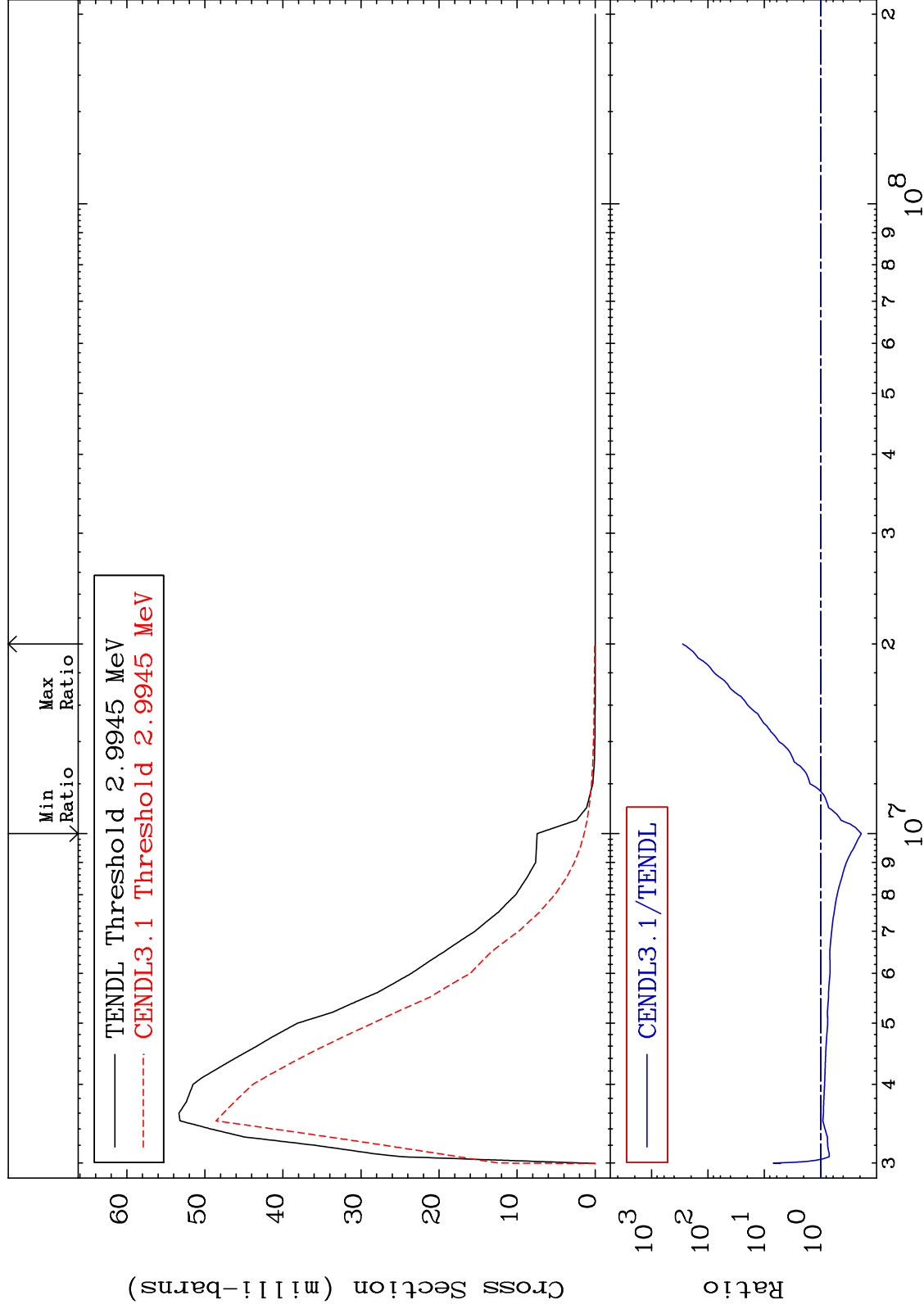
MAT 2631 MT= 53 (n,n') Level Cross Section -67.21 To 288.9 % 26-Fe-56



MAT 2631

MT= 54 (n,n') Level  
Cross Section

26-Fe-56  
-81.05 To 9999. %

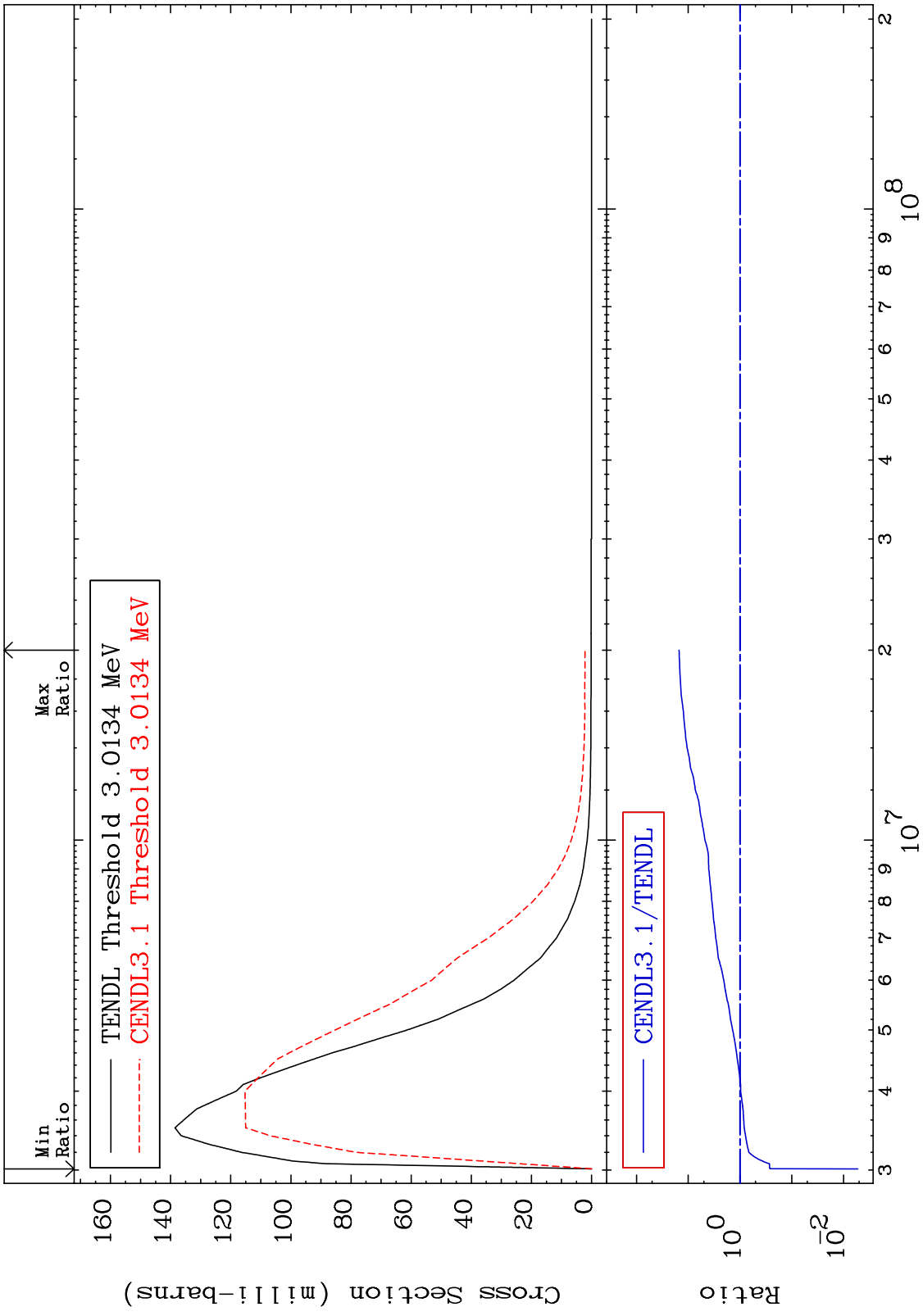


10

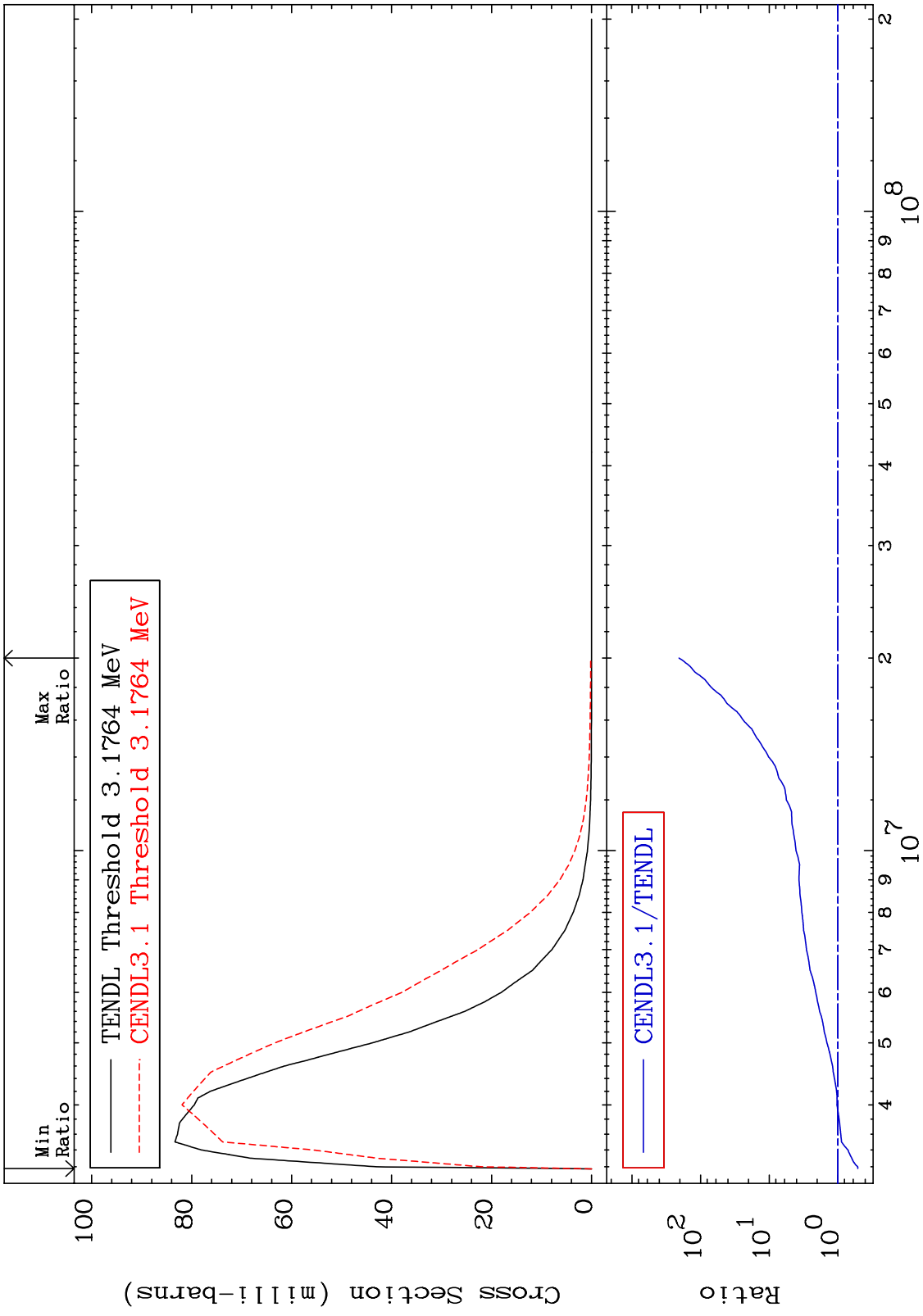
Incident Energy (eV)

26-Fe-56

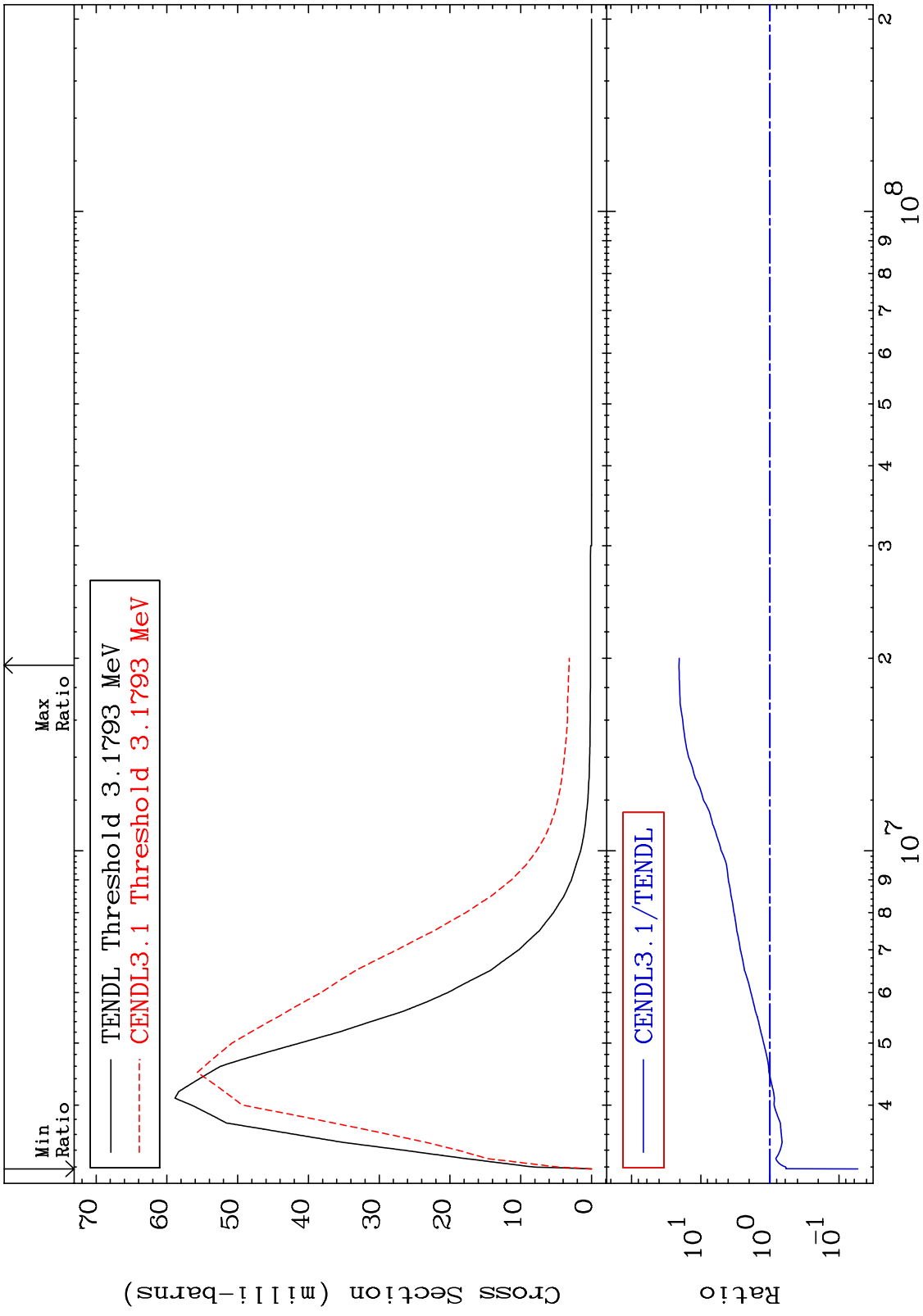
MAT 2631 MT= 55 (n,n') Level Cross Section -99.47 To 1407. % 26-Fe-56



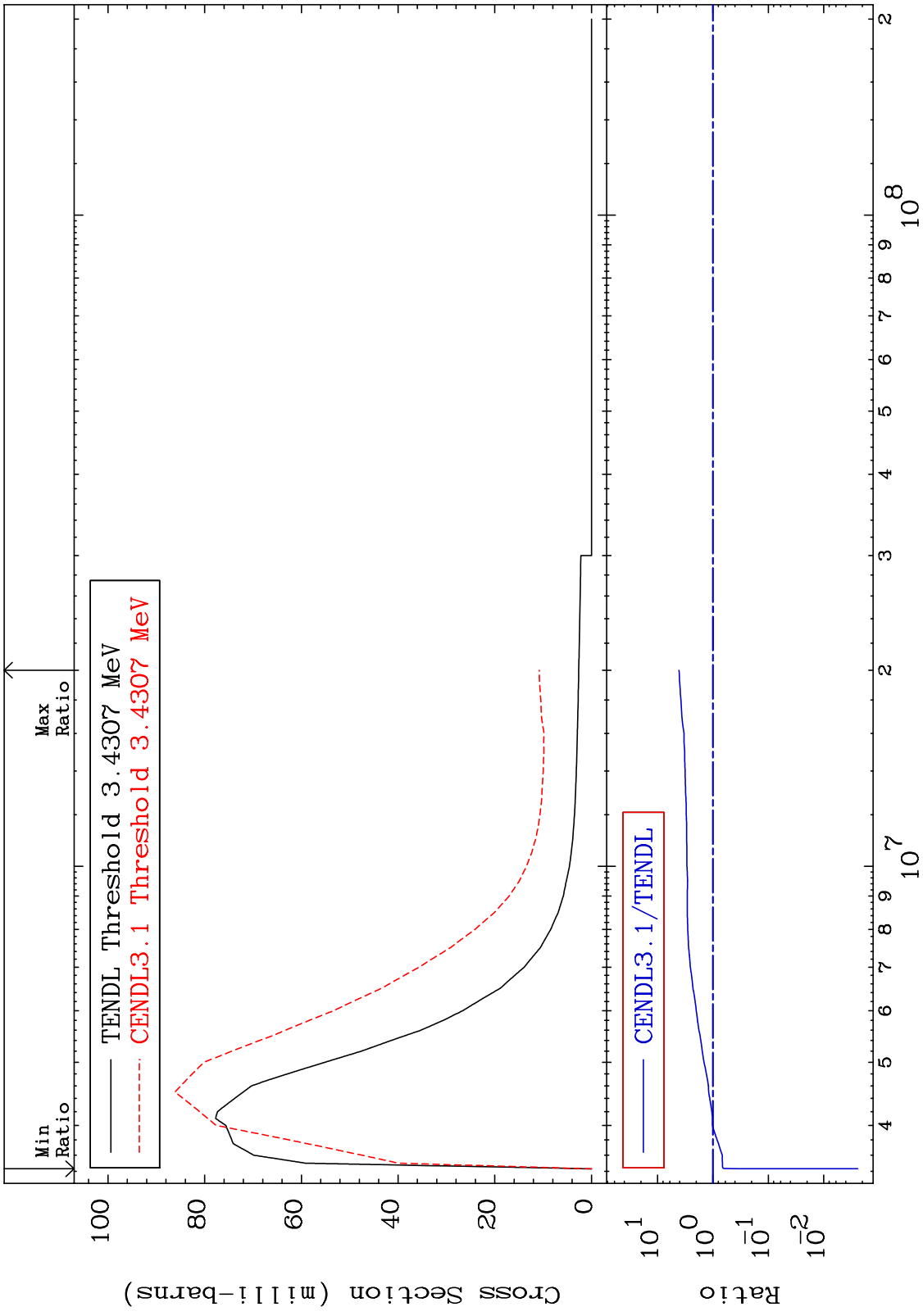
MAT 2631 MT= 56 (n,n') Level Cross Section 26-Fe-56  
 -48.75 To 9999. %



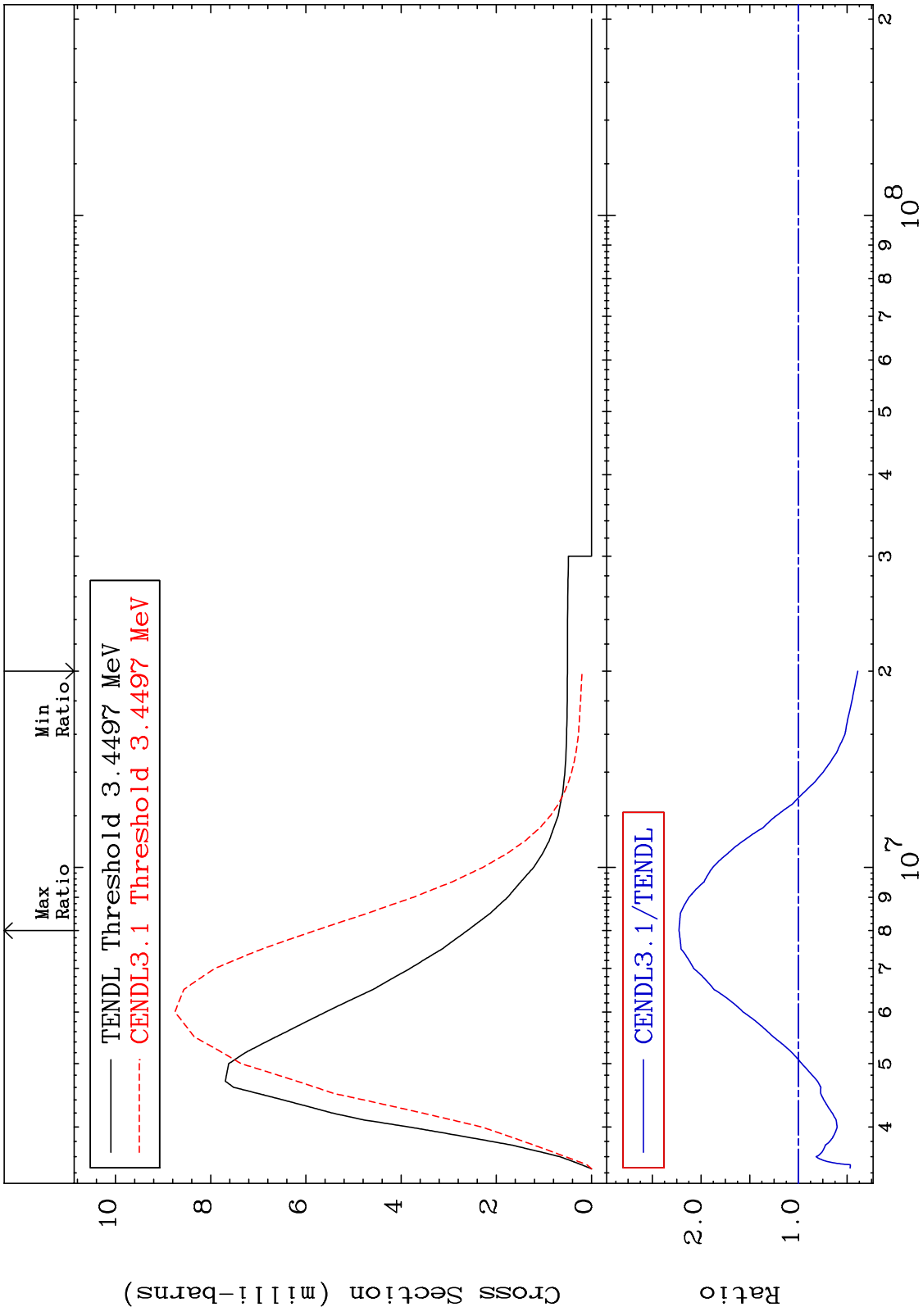
MAT 2631 MT= 57 (n,n') Level Cross Section 26-Fe-56  
 -94.65 To 1959. %



MAT 2631 MT= 58 (n,n') Level Cross Section -99.76 To 309.4 % 26-Fe-56



MAT 2631 MT= 59 (n,n') Level Cross Section 26-Fe-56  
 -60.98 To 122.6 %



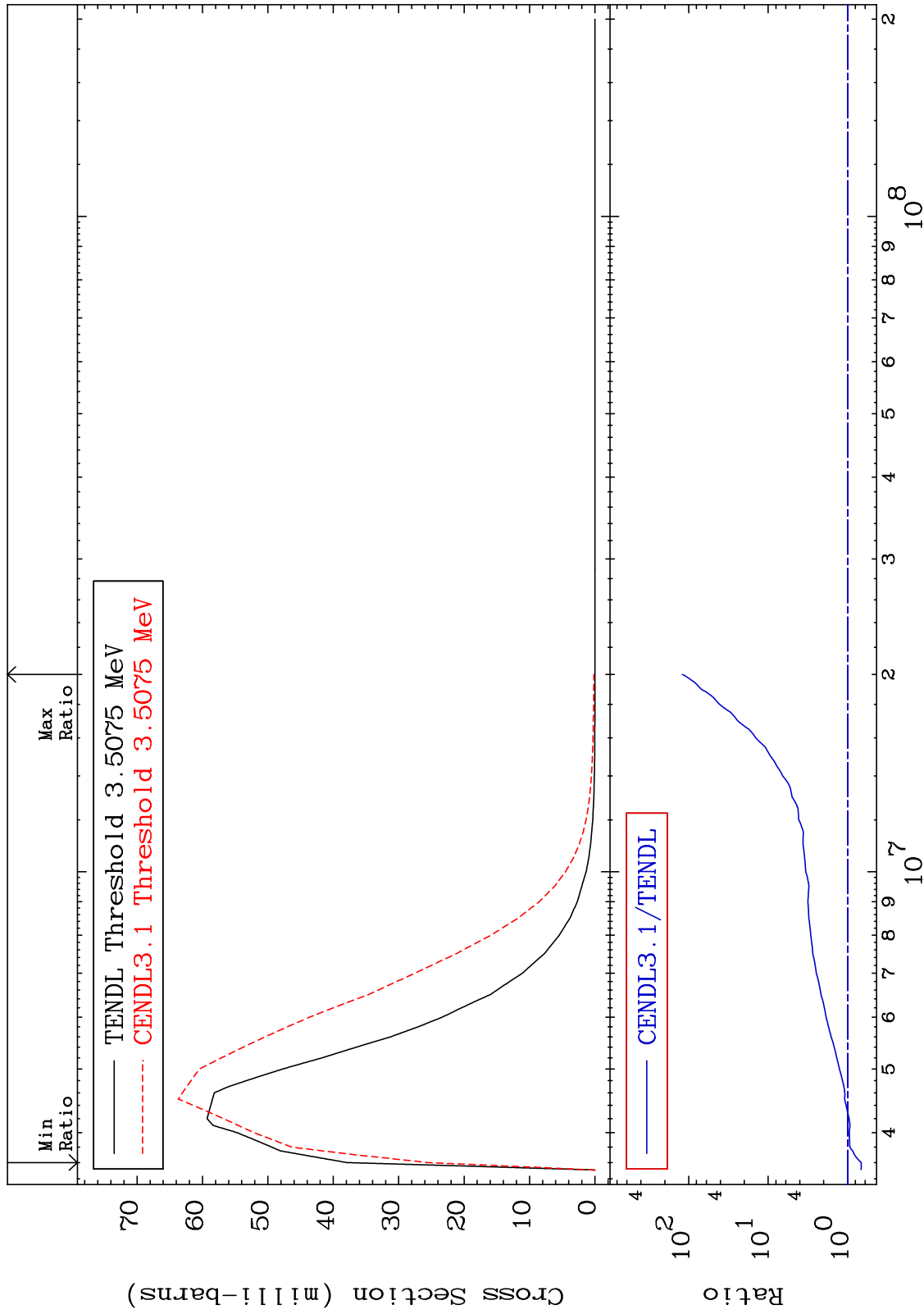
15 26-Fe-56



MAT 2631

MT= 60 (n,n') Level  
Cross Section

26-Fe-56  
-32.71 To 9999. %

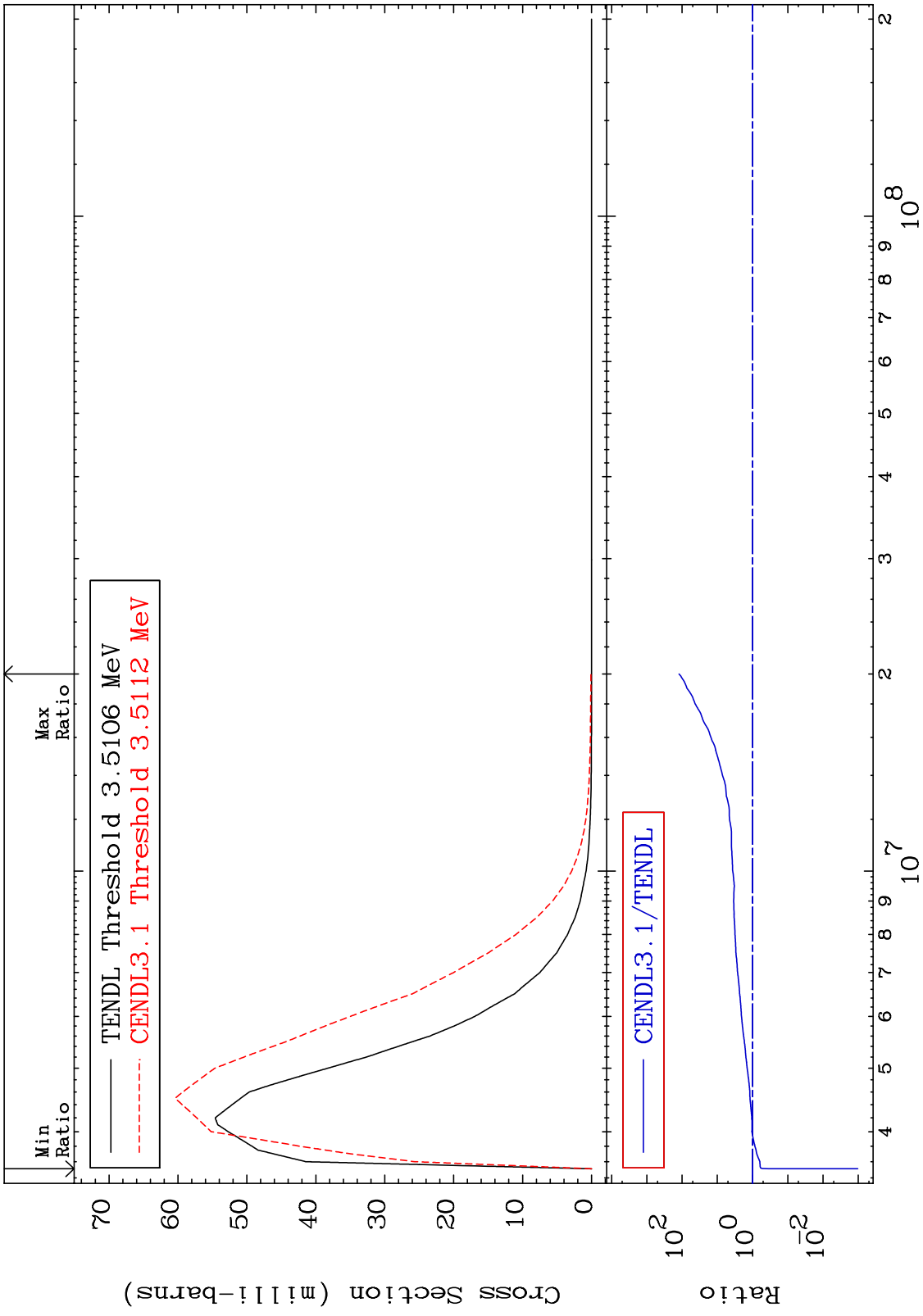


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Incident Energy (eV)

26-Fe-56

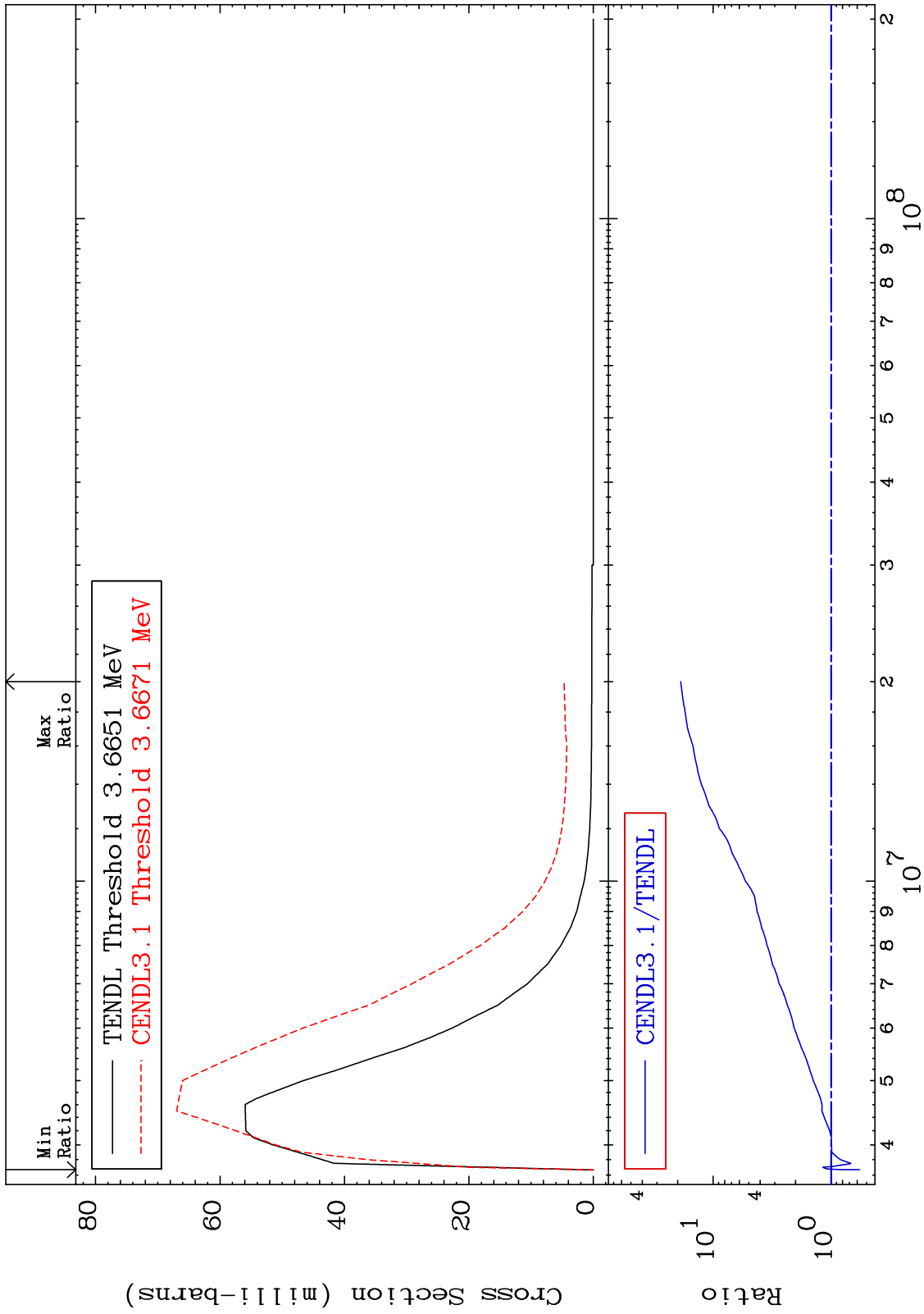
MAT 2631 MT= 61 (n,n') Level Cross Section 26-Fe-56  
 -99.90 To 9999. %



MAT 2631

MT= 62 (n,n') Level  
Cross Section

26-Fe-56  
-42.78 To 1783. %



18

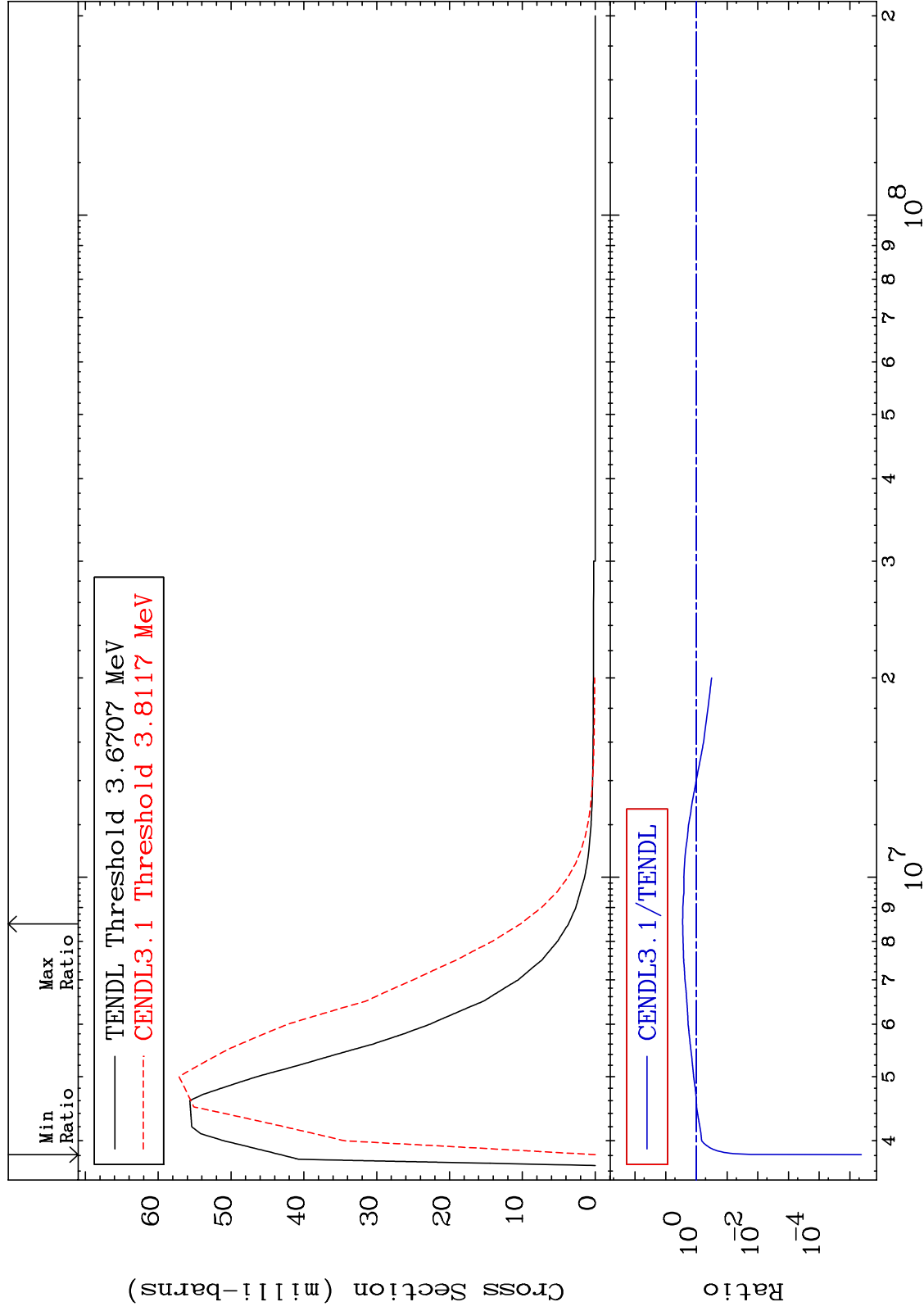
Incident Energy (eV)

26-Fe-56

MAT 2631

MT= 63 (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 180.1 %

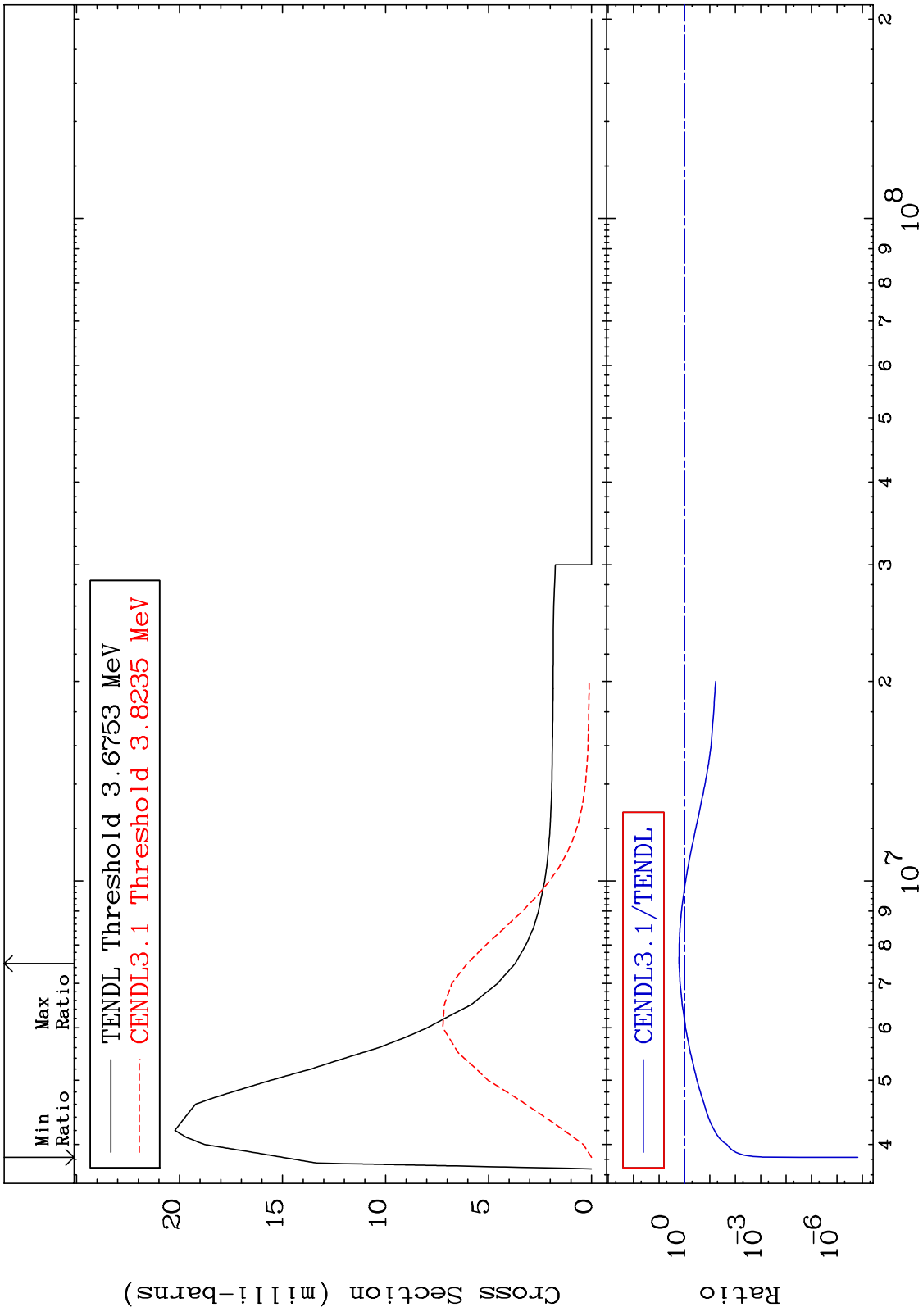


19

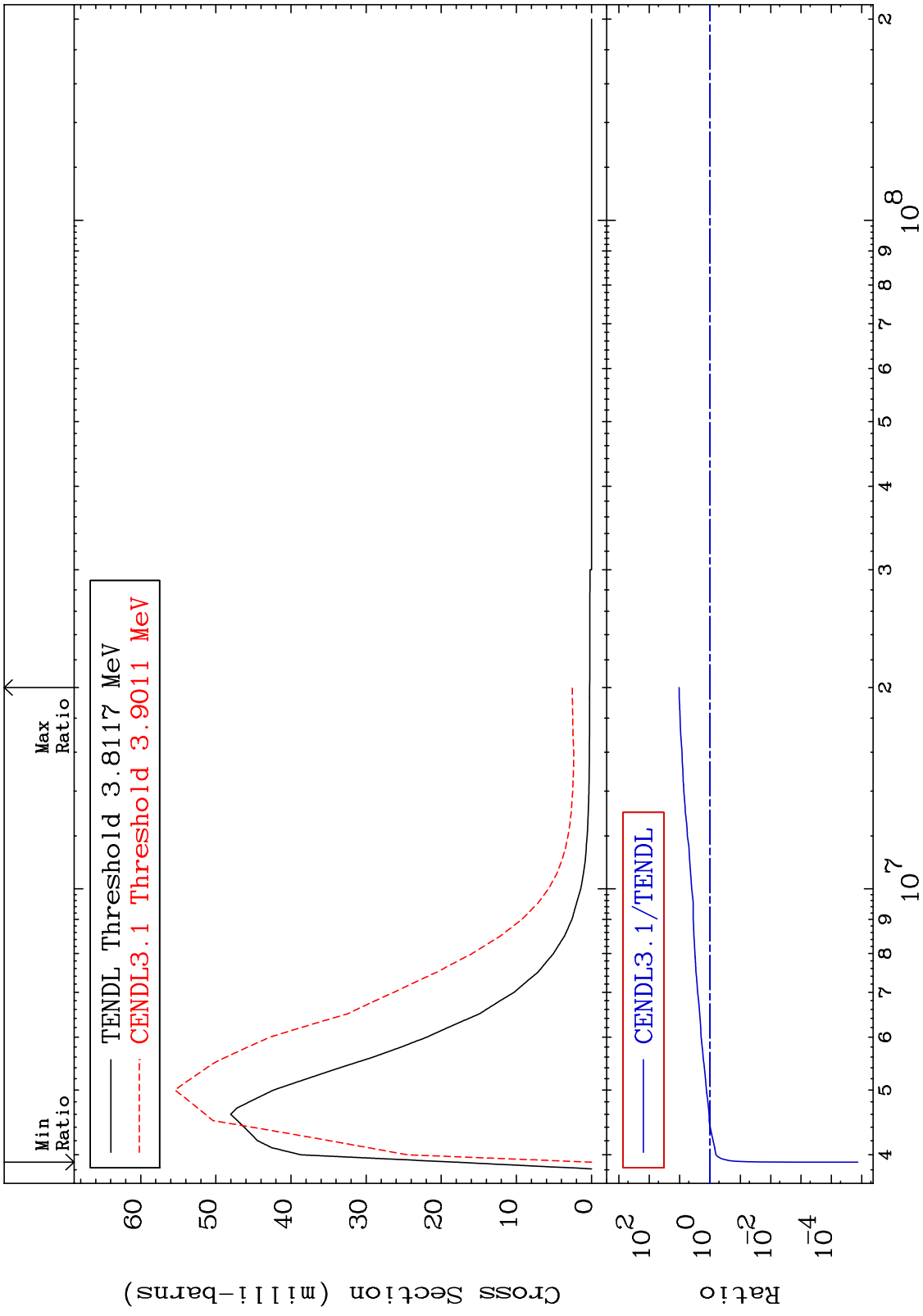
26-Fe-56

26-Fe-56

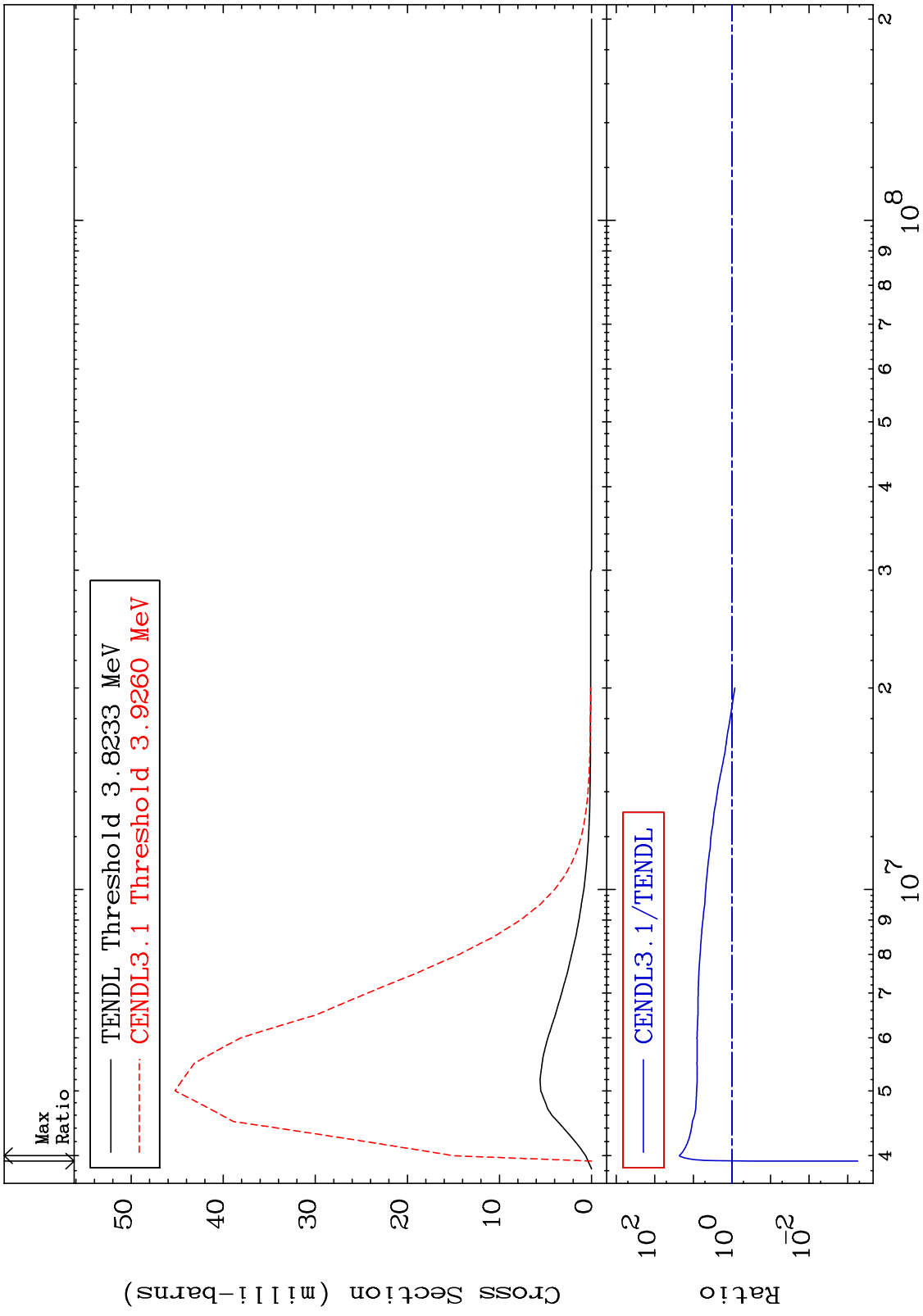
MAT 2631 MT= 64 (n,n') Level Cross Section -100.0 To 62.83 % 26-Fe-56



MAT 2631 MT= 65 (n,n') Level Cross Section -100.0 To 940.3 % 26-Fe-56

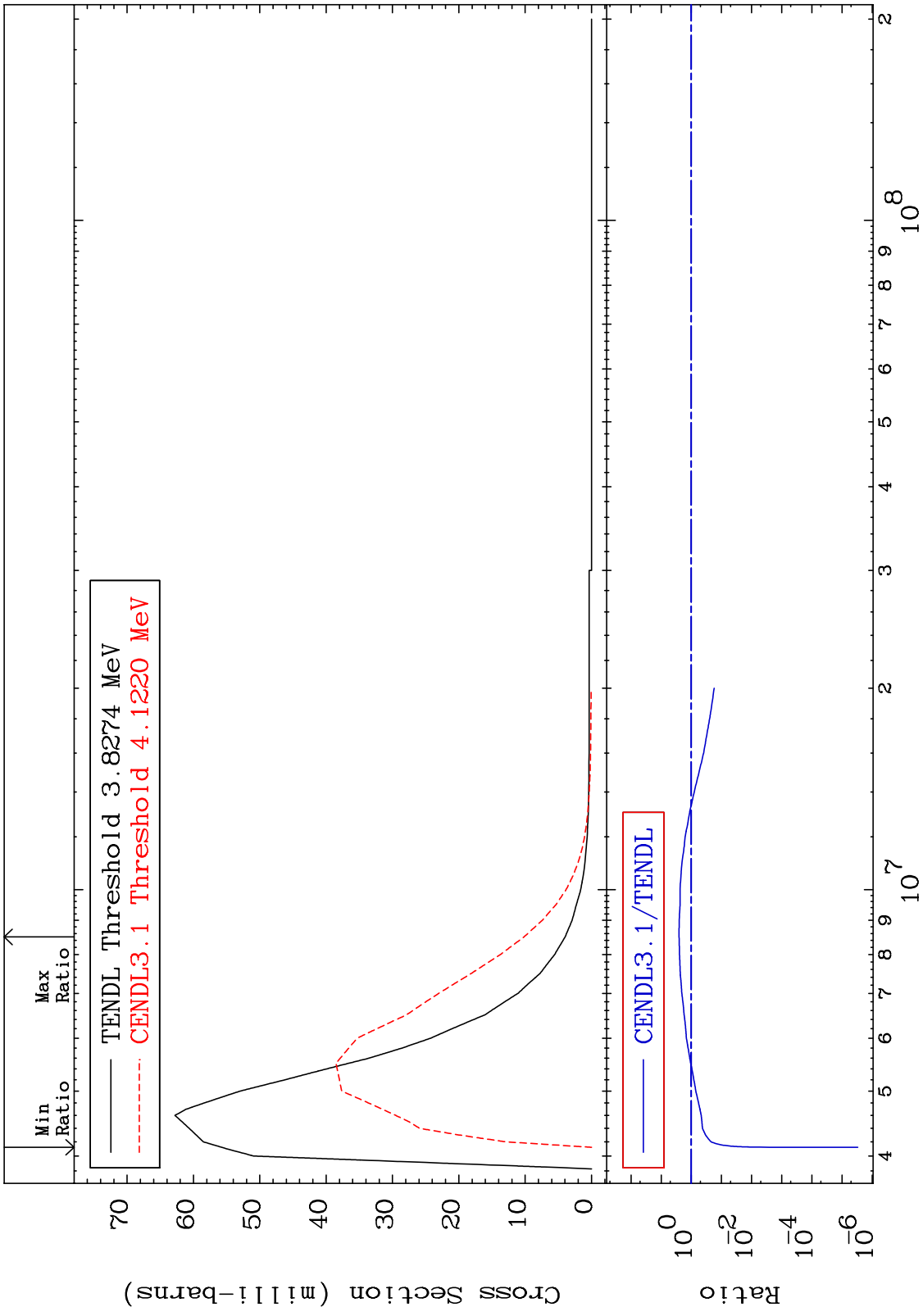


MAT 2631 MT= 66 (n,n') Level Cross Section -99.95 To 2247. % 26-Fe-56



22 26-Fe-56

MAT 2631 MT= 67 (n,n') Level Cross Section 26-Fe-56  
 -100.0 To 155.4 %

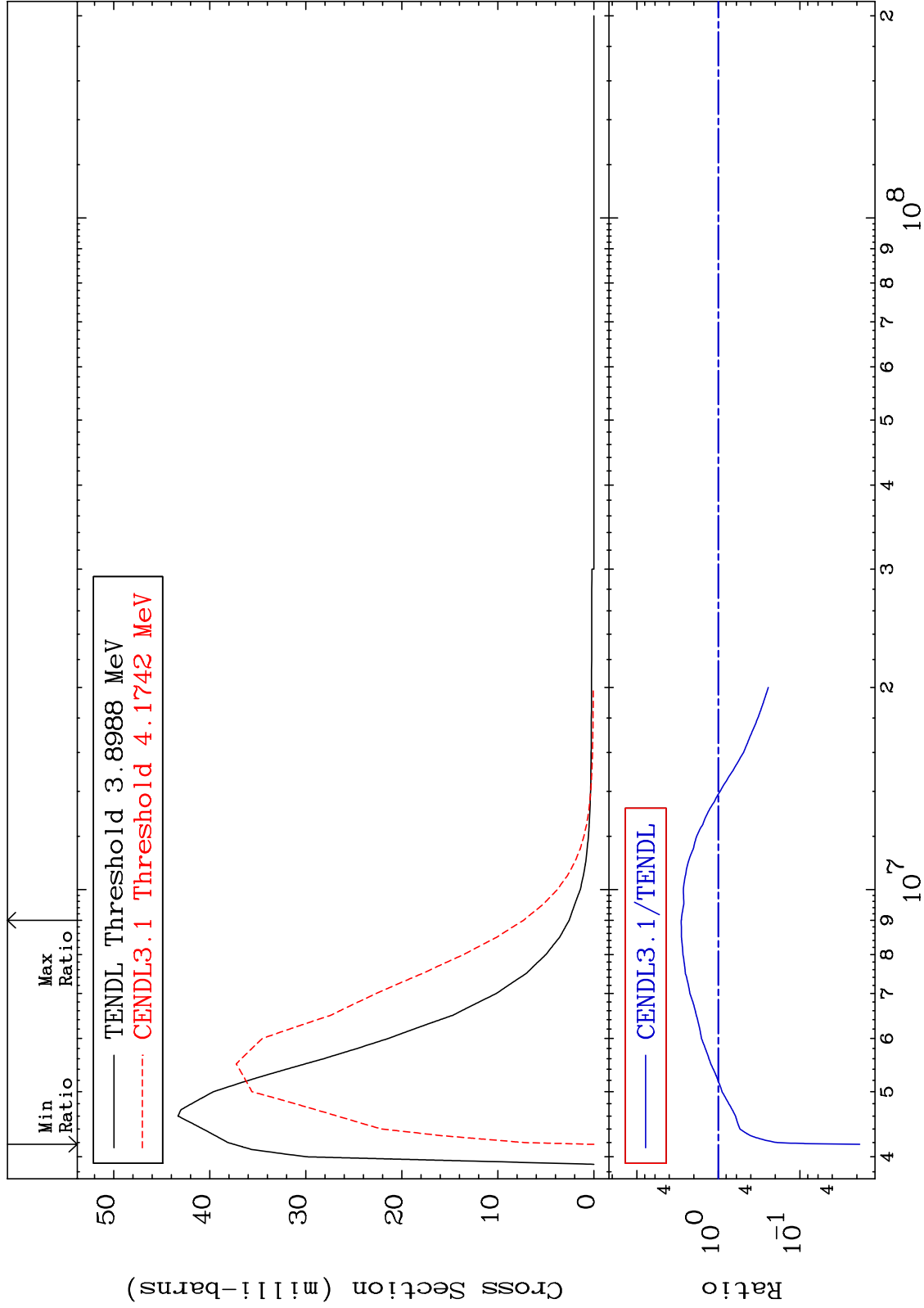




MAT 2631

MT= 68 (n,n') Level  
Cross Section

26-Fe-56  
-98.16 To 185.0 %



24

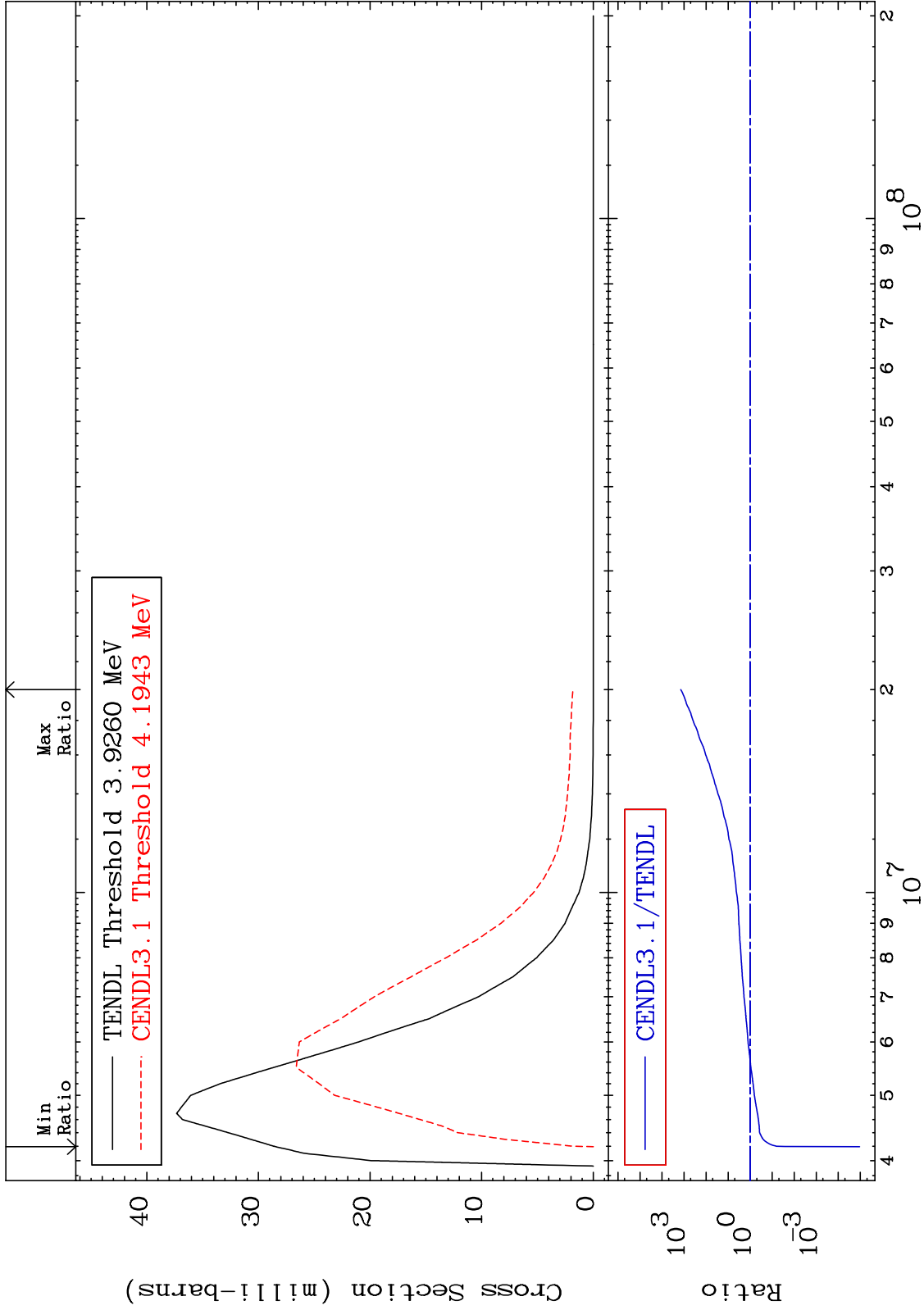
Incident Energy (eV)

26-Fe-56

MAT 2631

MT= 69 (n,n') Level  
Cross Section

26-Fe-56  
-100.0 To 9999. %



25

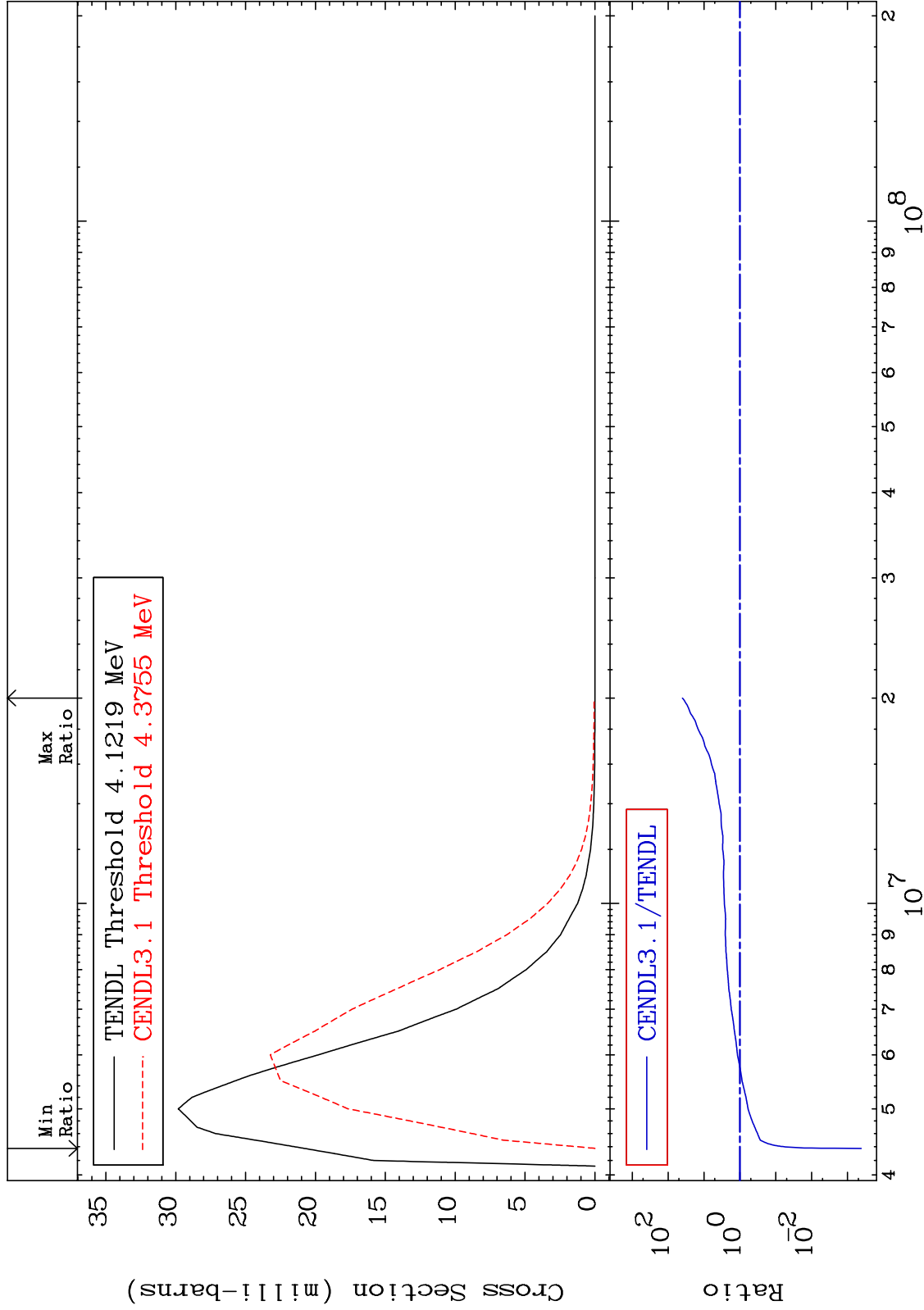
Incident Energy (eV)

26-Fe-56

MAT 2631

MT= 70 (n,n') Level  
Cross Section

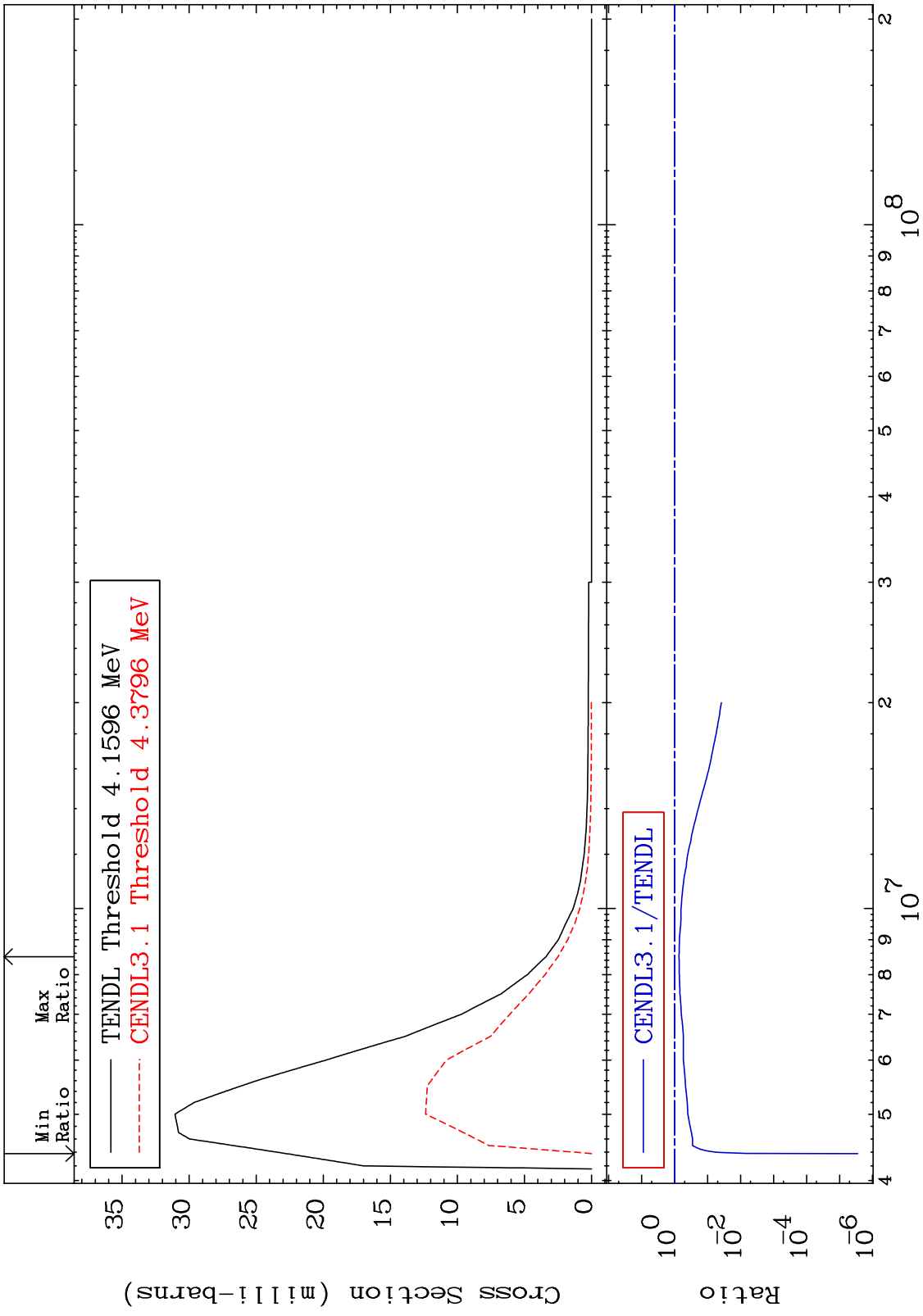
26-Fe-56  
-99.96 To 3898. %



26

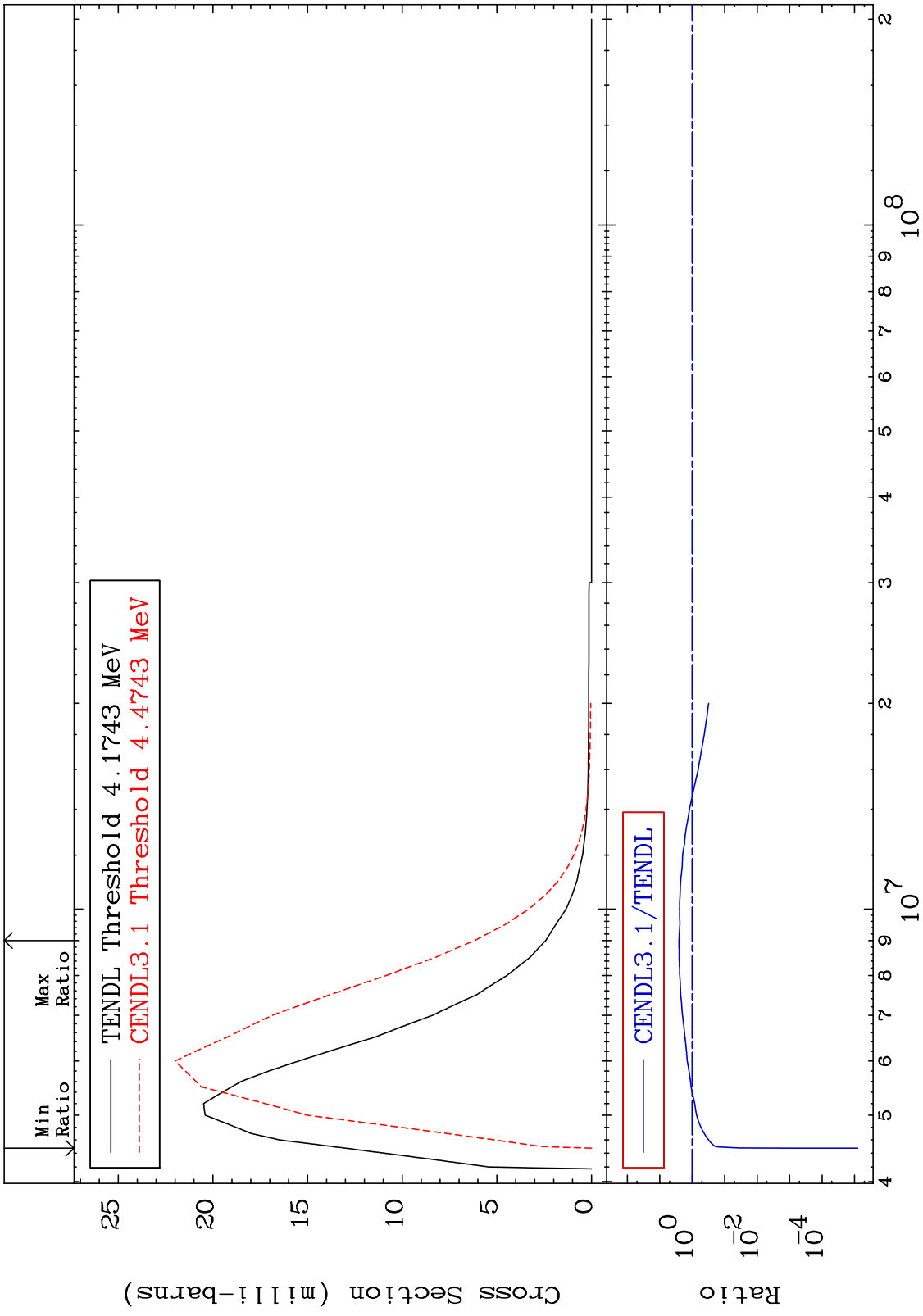
26-Fe-56

MAT 2631 MT= 71 (n,n') Level Cross Section 26-Fe-56  
 -100.0 To -26.39%



27 Incident Energy (eV) 26-Fe-56

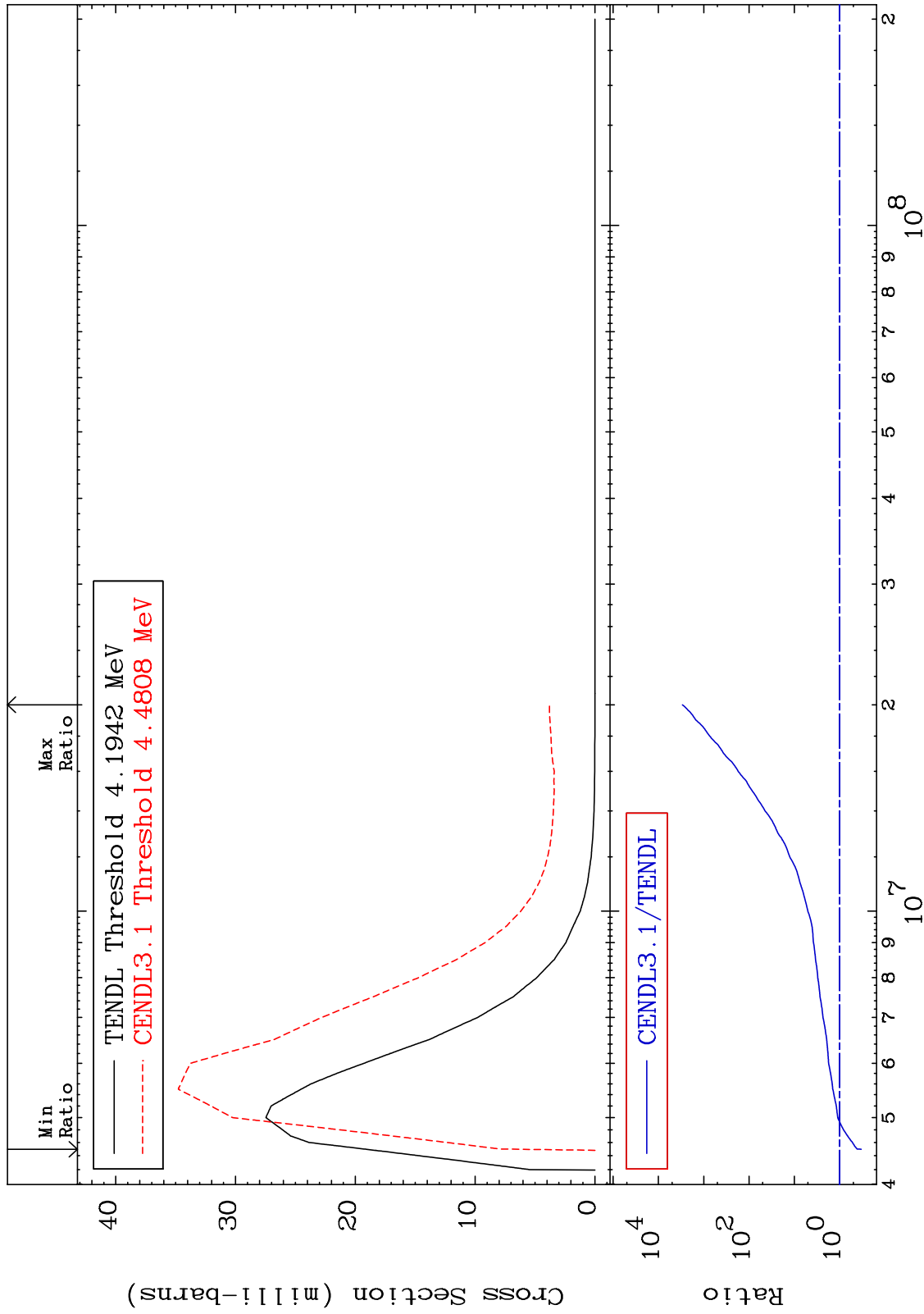
MAT 2631 MT= 72 (n,n') Level Cross Section -100.0 To 155.1 % 26-Fe-56



MAT 2631

MT= 73 (n,n') Level  
Cross Section

26-Fe-56  
-66.73 To 9999. %



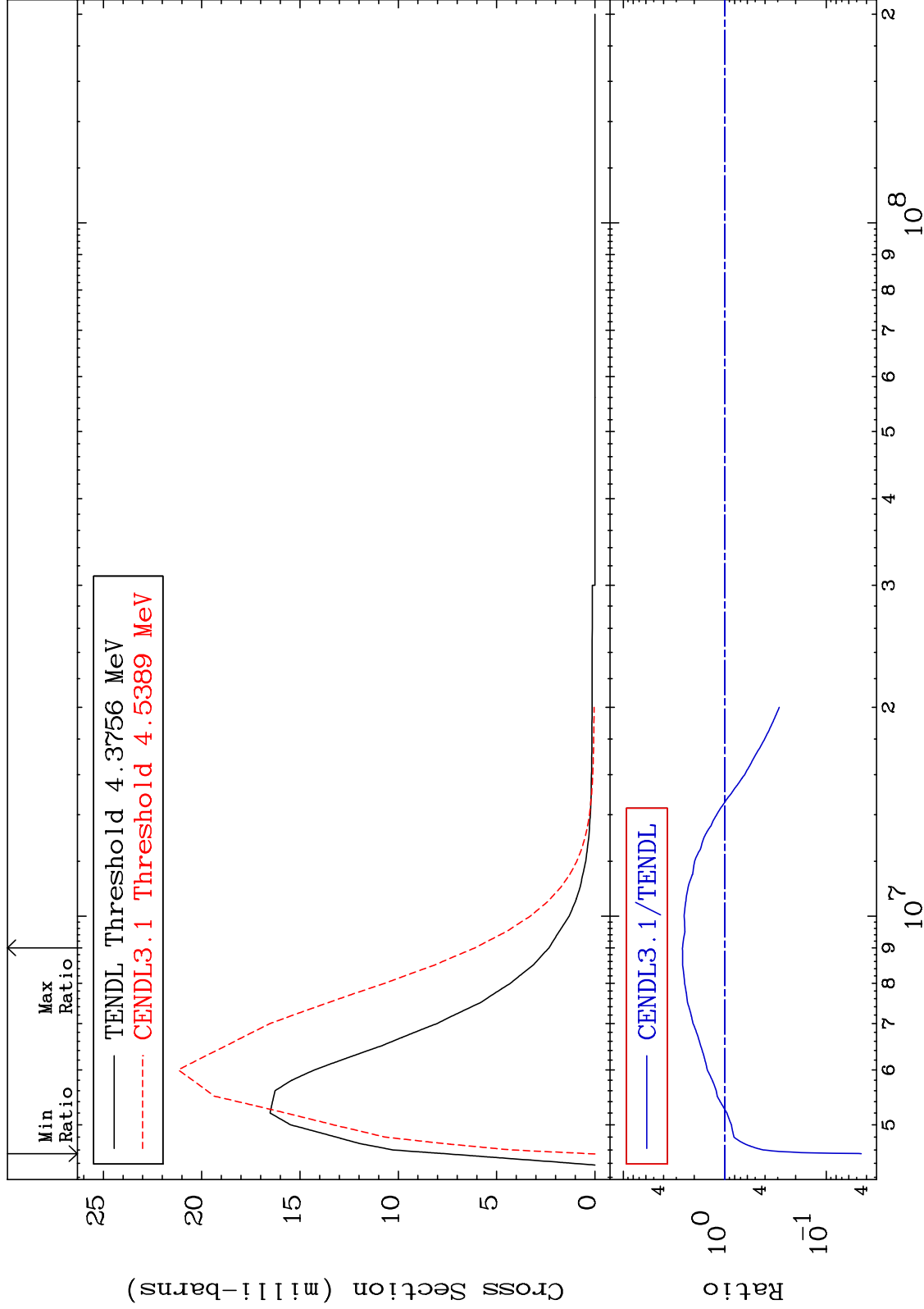
29

26-Fe-56

MAT 2631

MT= 74 (n,n') Level  
Cross Section

26-Fe-56  
-95.49 To 161.2 %



30

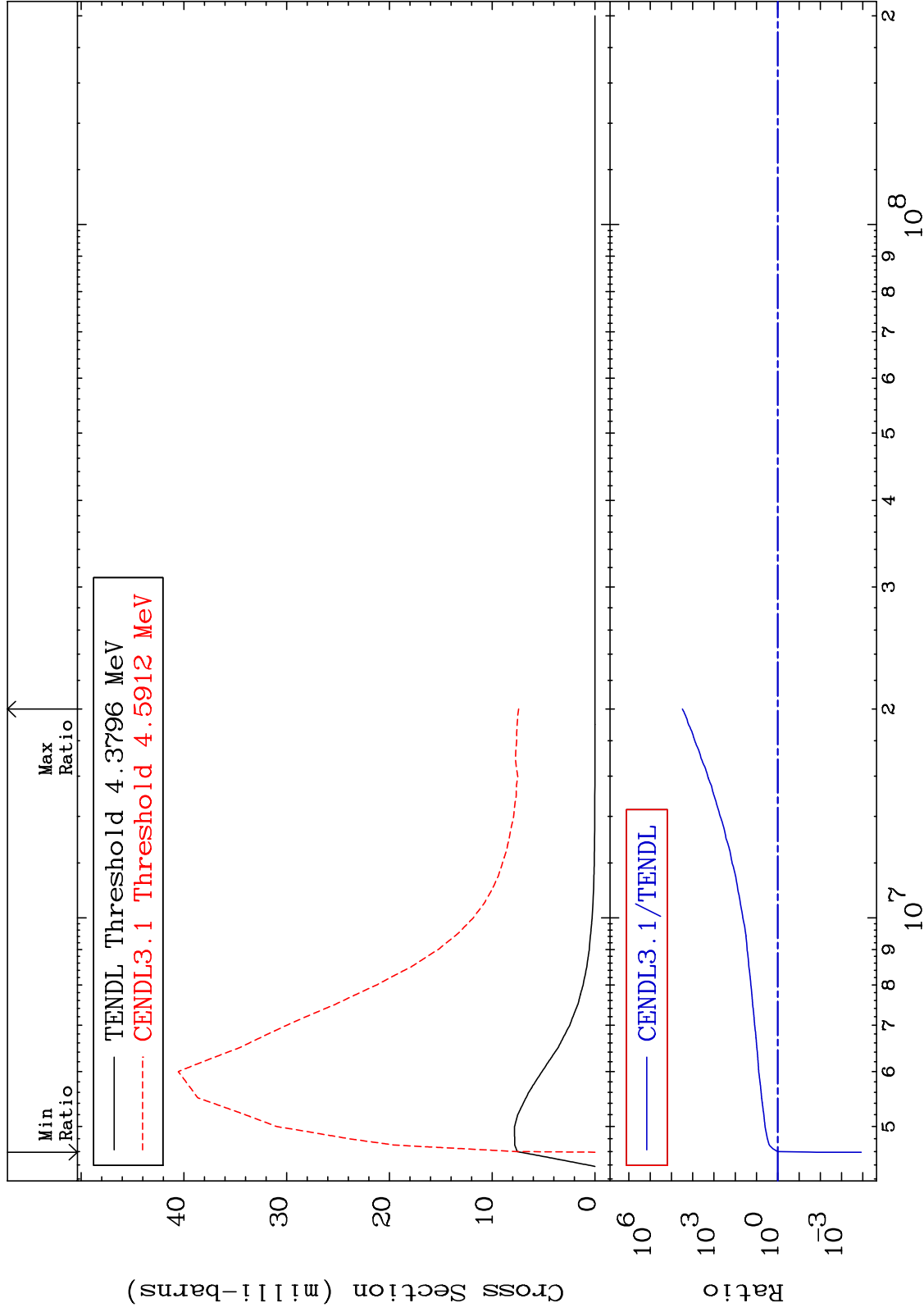
Incident Energy (eV)

26-Fe-56

MAT 2631

MT= 75 (n,n') Level  
Cross Section

26-Fe-56  
-99.99 To 9999. %



31

Incident Energy (eV)

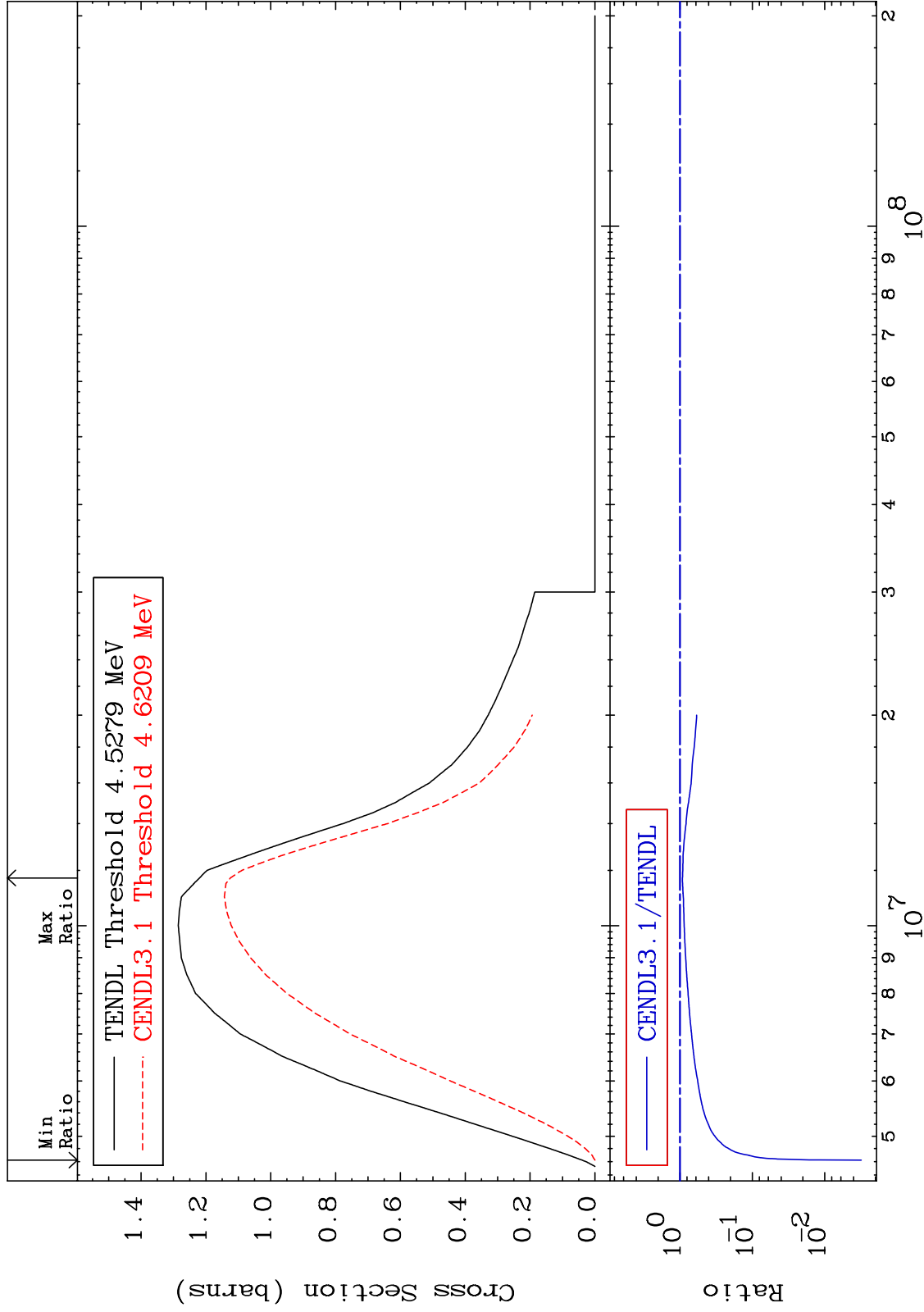
26-Fe-56



MAT 2631

(n, n') Continuum  
Cross Section

26-Fe-56  
-99.69 To -7.810%



32

Incident Energy (eV)

26-Fe-56

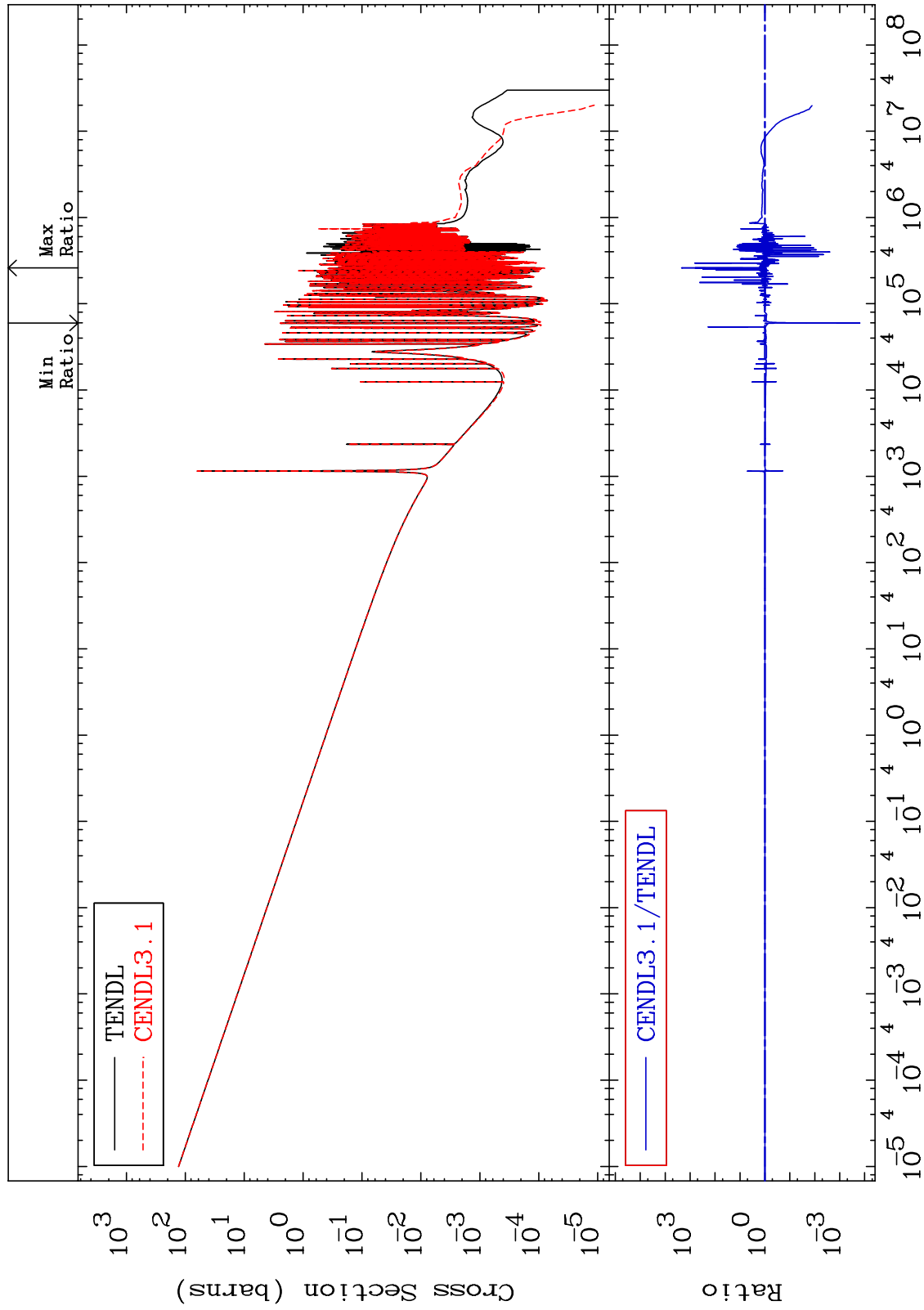
MAT 2631

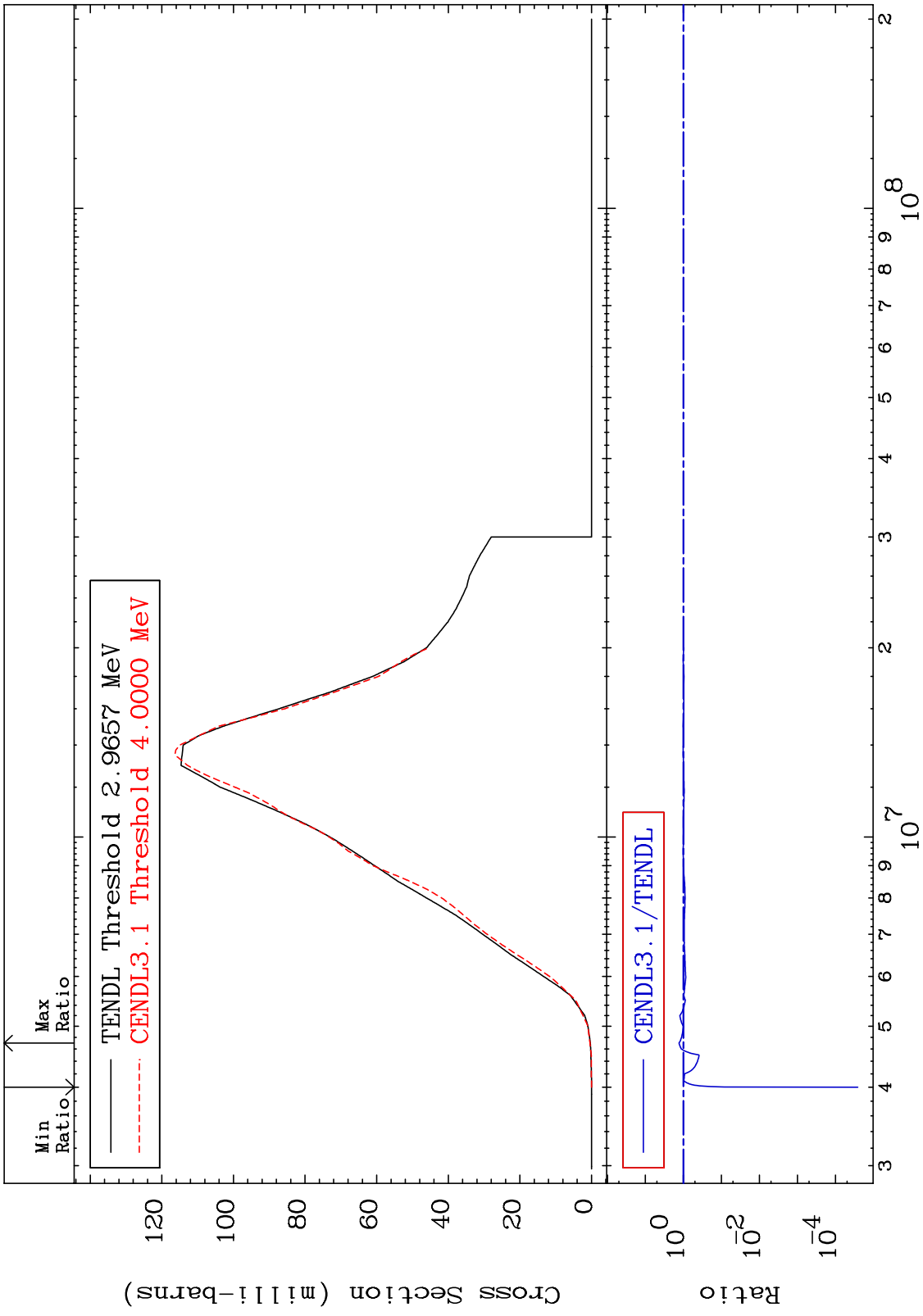
(n,  $\gamma$ )

26-Fe-56

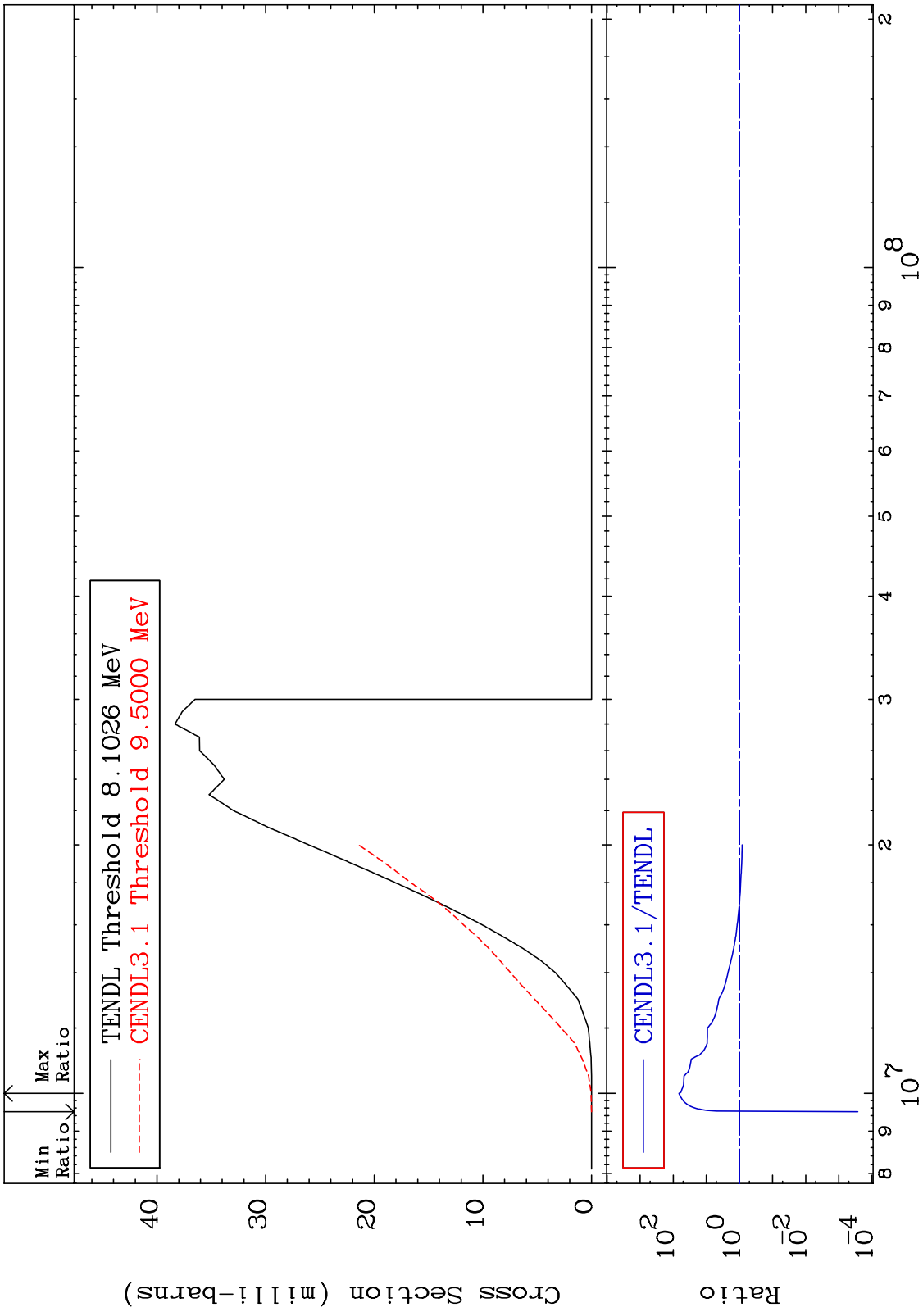
Cross Section

-99.98 To 9999. %



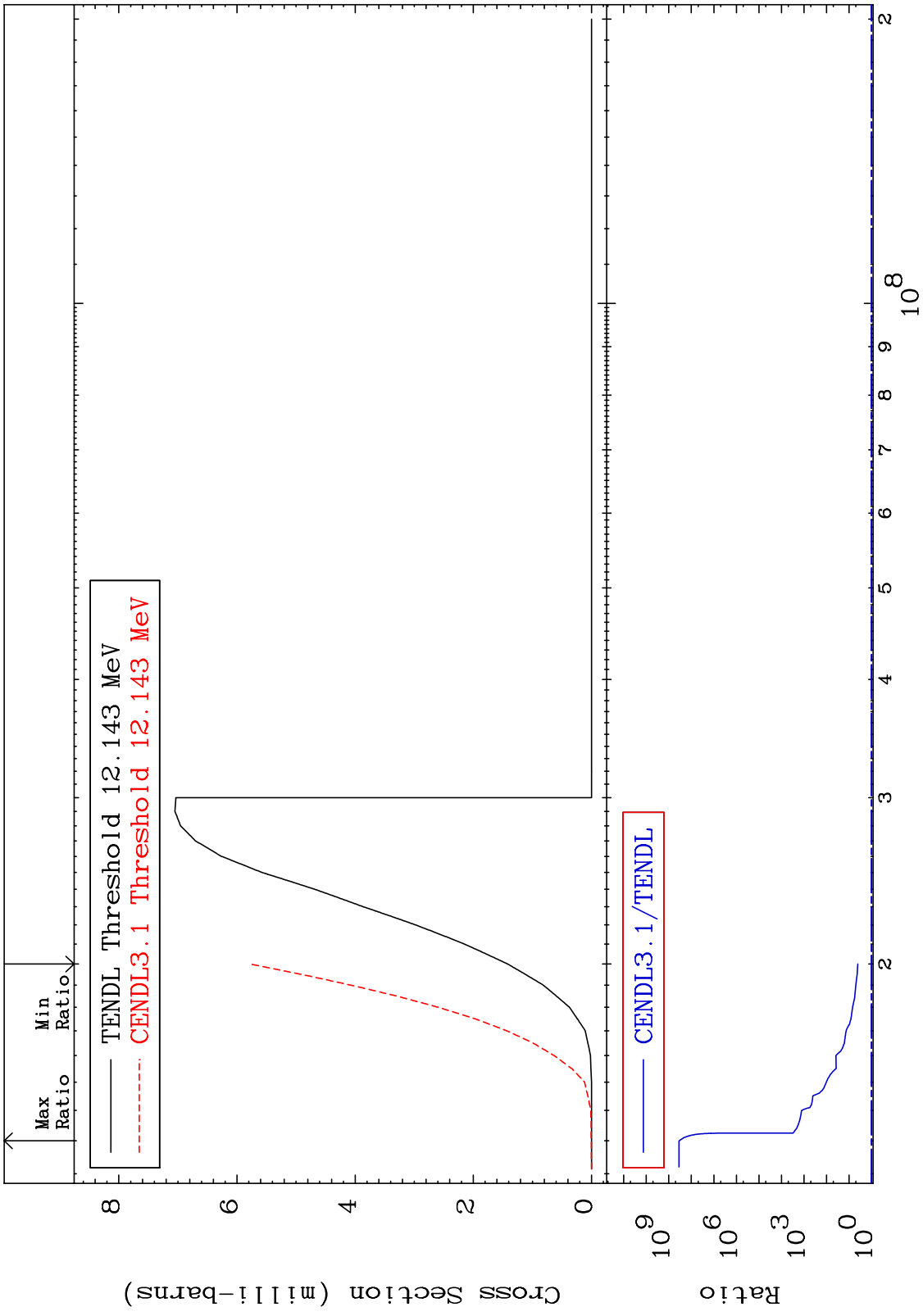


MAT 2631 (n,d) 26-Fe-56  
 Cross Section -99.97 To 6572. %

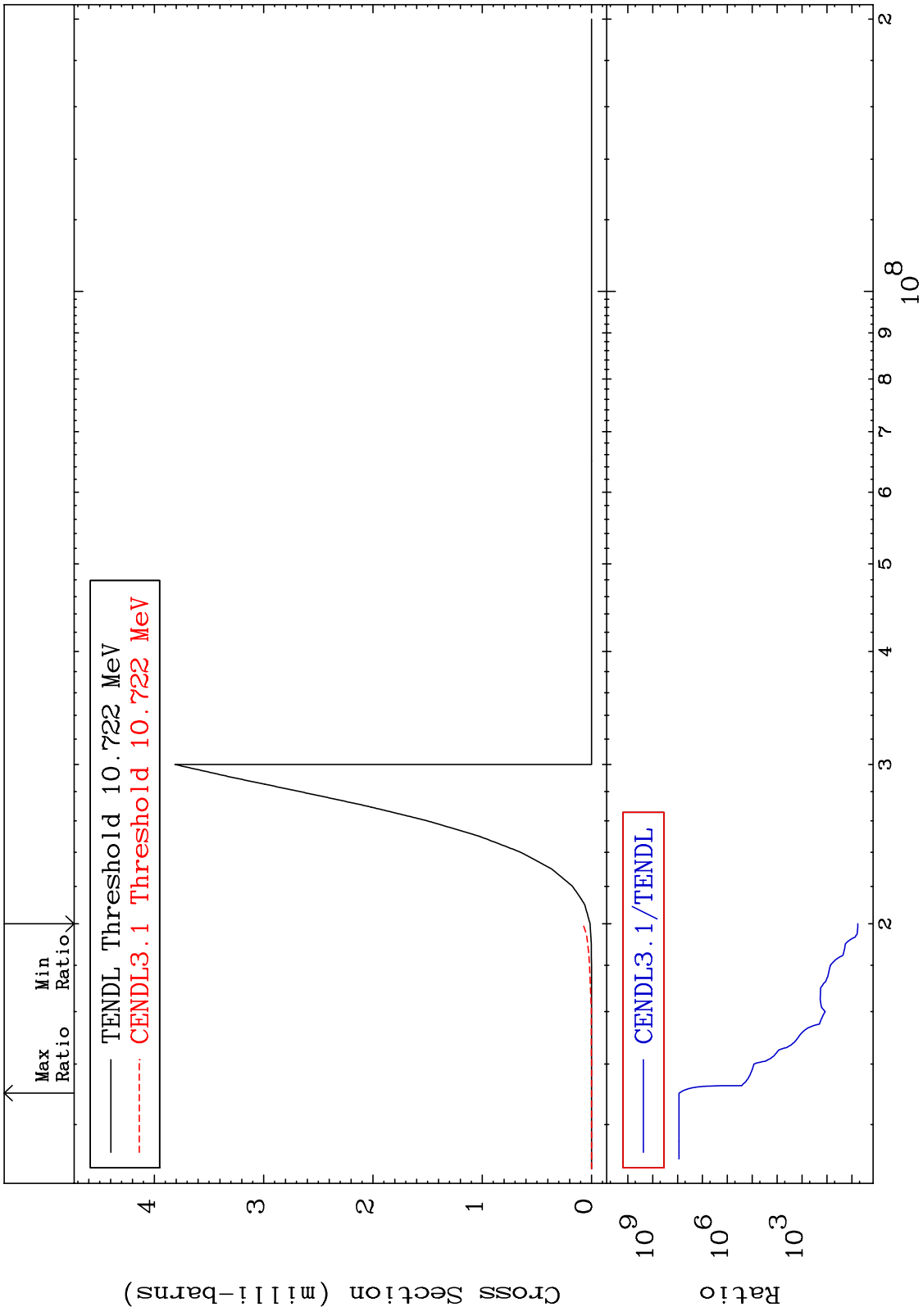


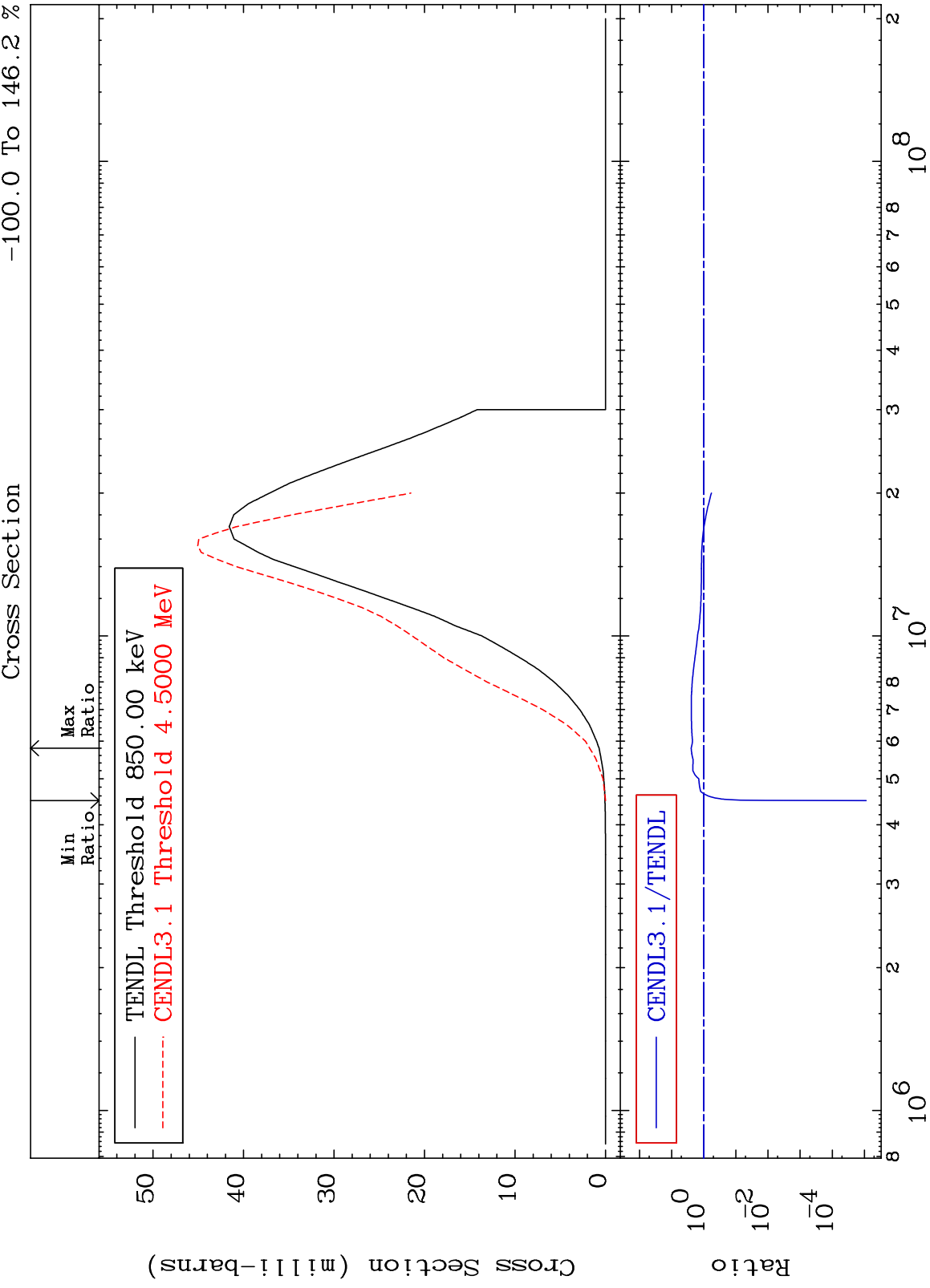
35 Incident Energy (eV) 26-Fe-56

MAT 2631 (n,t) 26-Fe-56  
 Cross Section 307.4 To 9999. %



36 Incident Energy (eV) 26-Fe-56

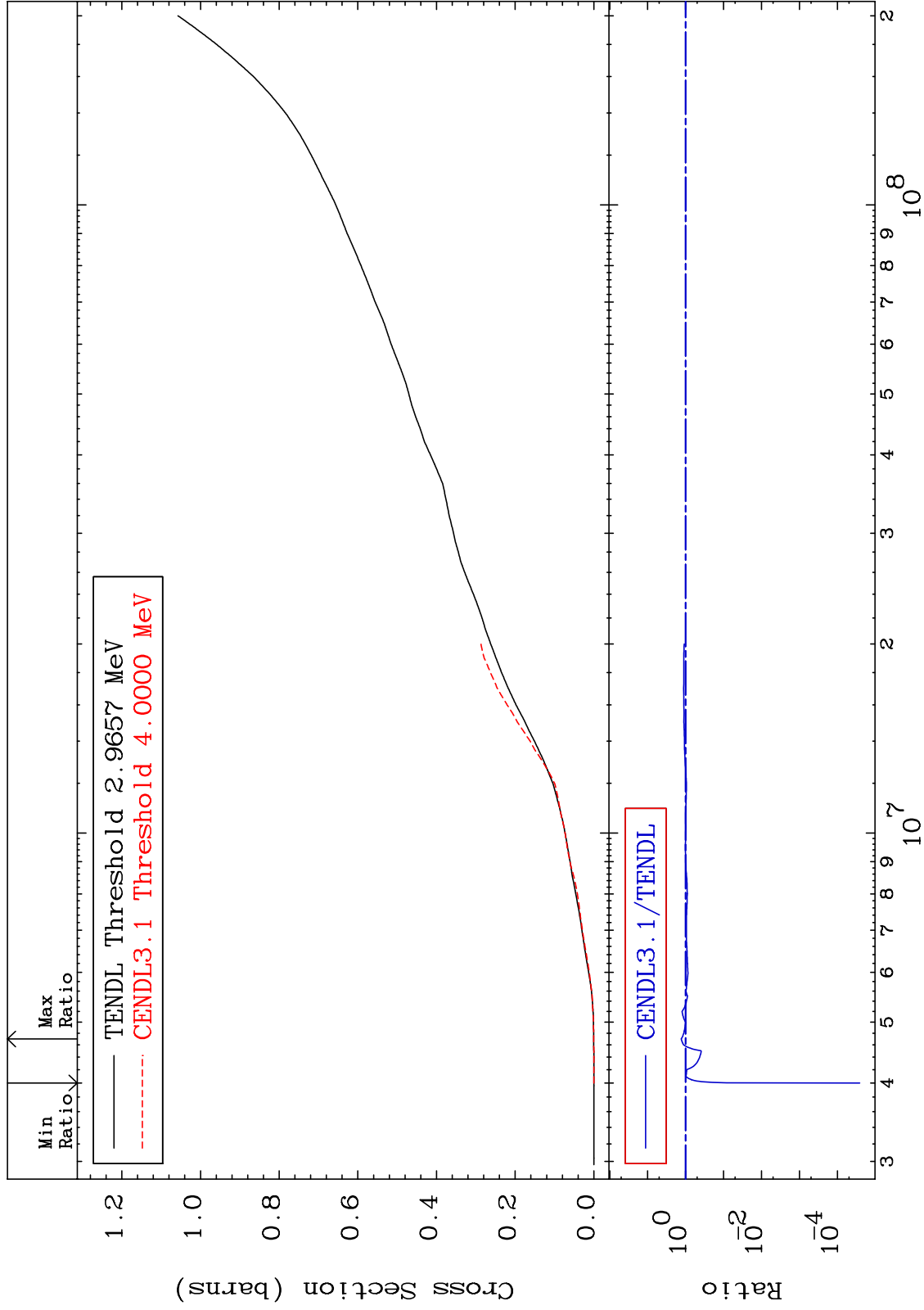




MAT 2631

Hydrogen Production  
Cross Section

26-Fe-56  
-100.0 To 30.54 %



39

Incident Energy (eV)

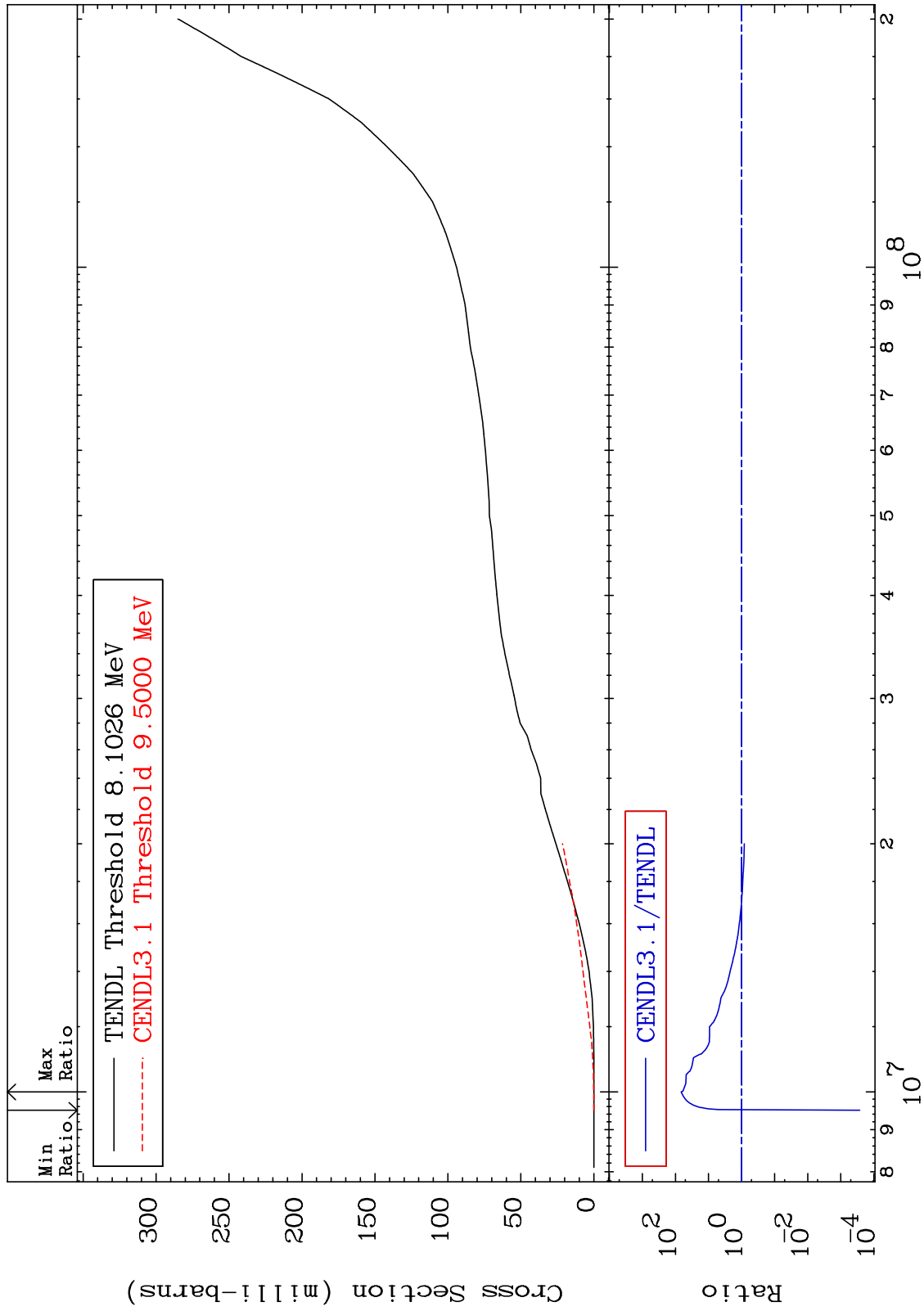
26-Fe-56



MAT 2631

Deuterium Production  
Cross Section

26-Fe-56  
-99.97 To 6572. %



40

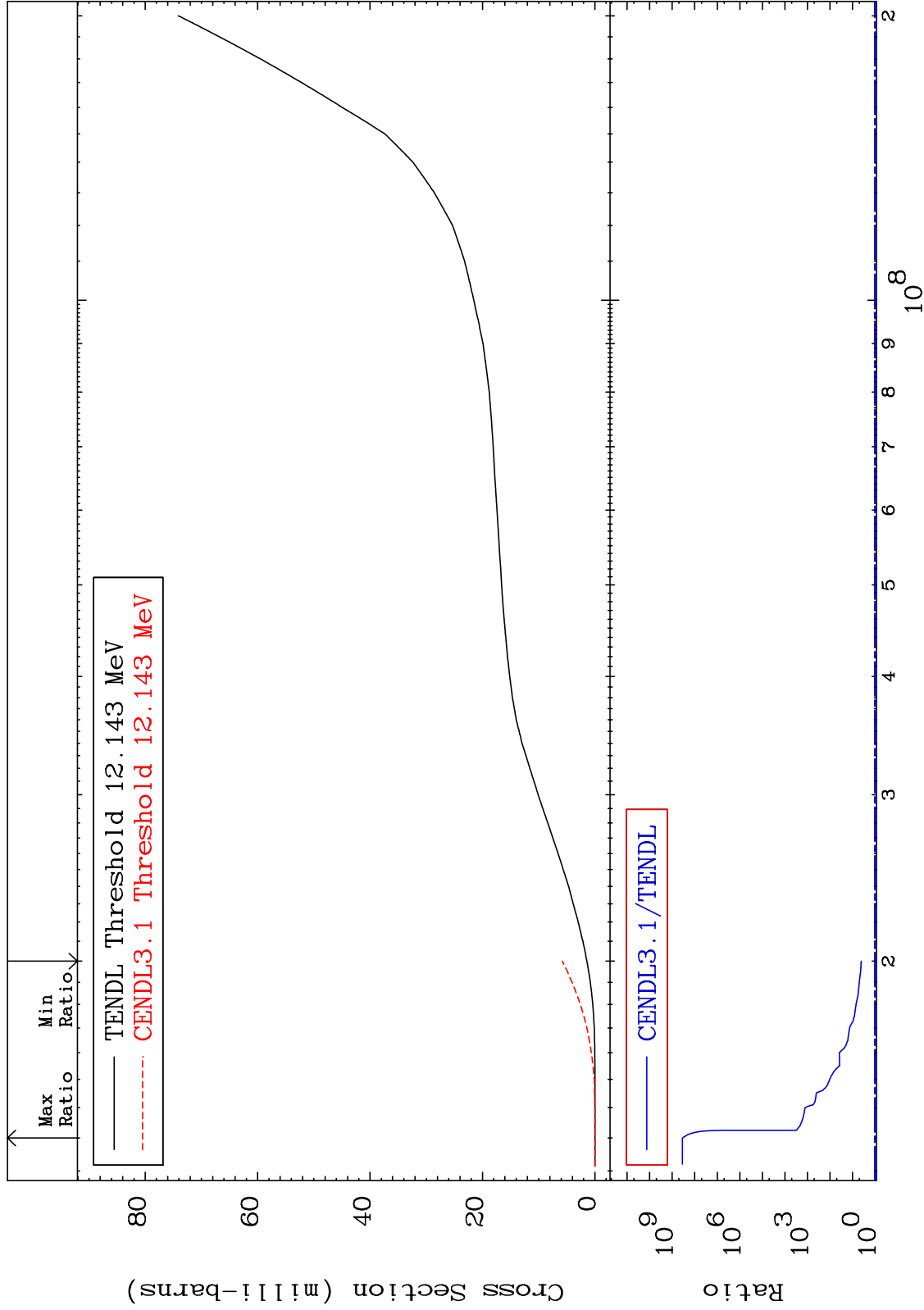
Incident Energy (eV)

26-Fe-56

MAT 2631

Tritium Production  
Cross Section

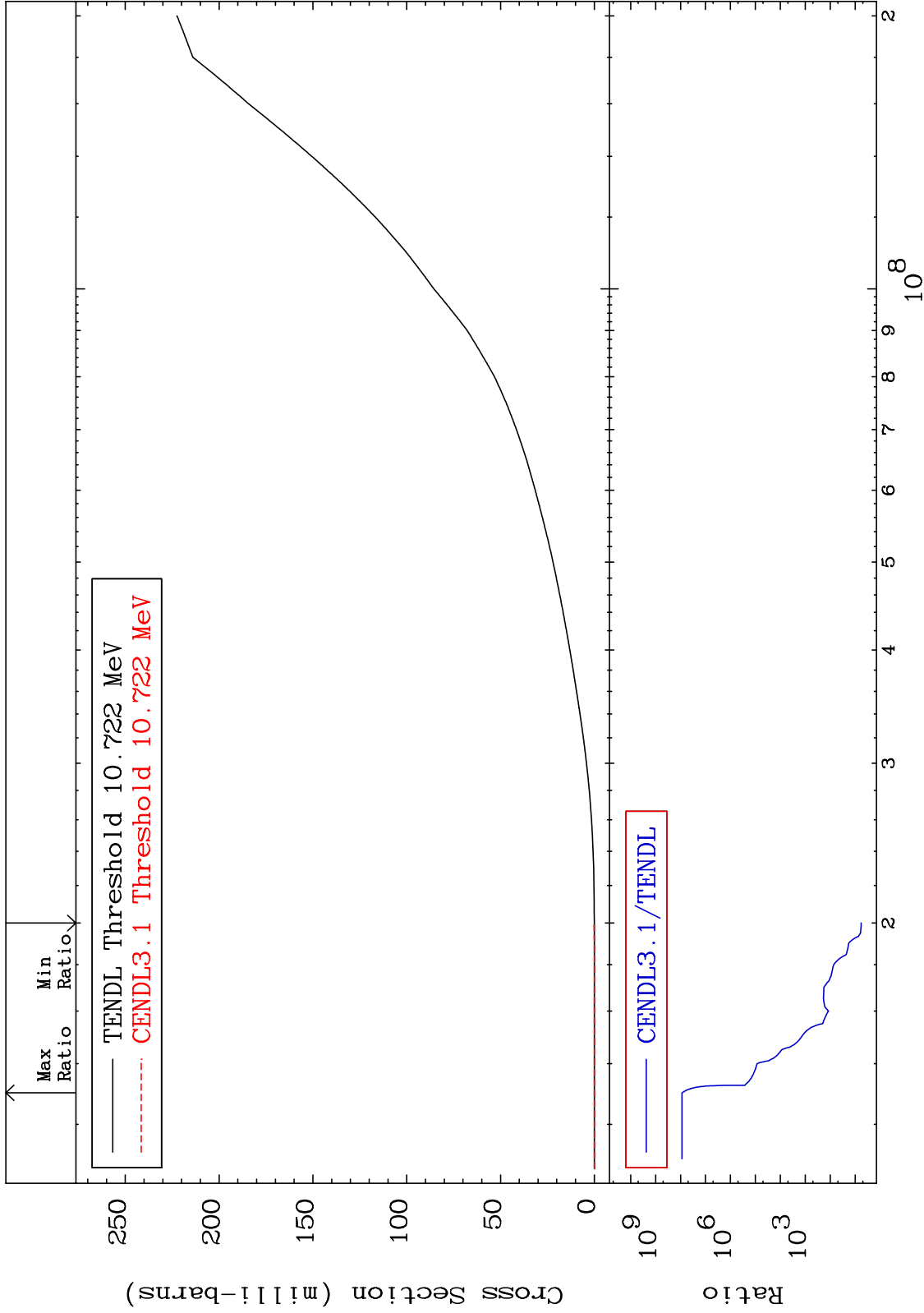
26-Fe-56  
307.4 To 9999. %



MAT 2631

He-3 Production  
Cross Section

26-Fe-56  
479.9 To 9999. %



42

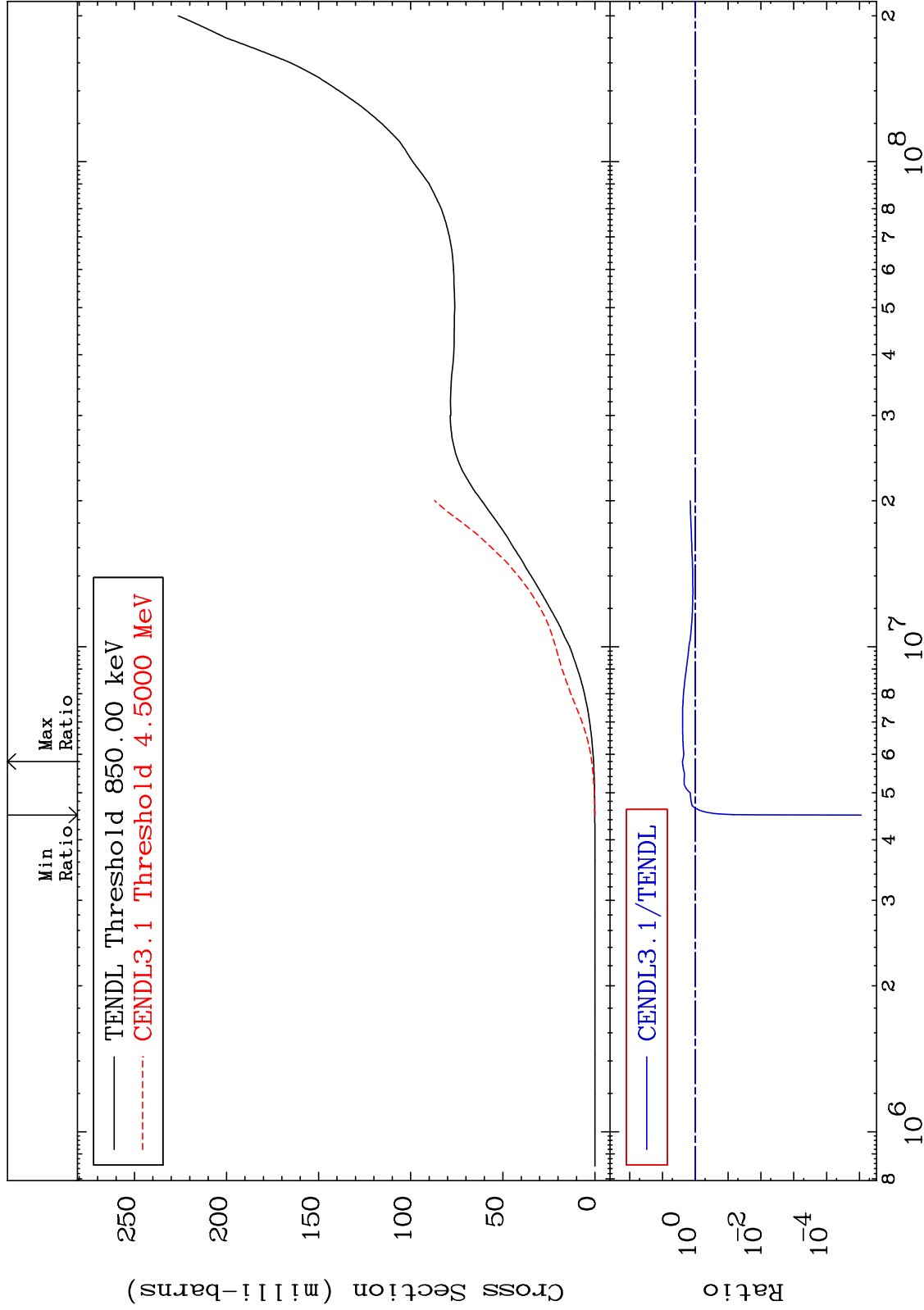
Incident Energy (eV)

26-Fe-56

MAT 2631

He-4 Production  
Cross Section

<sup>26</sup>Fe-56  
-100.0 To 146.2 %

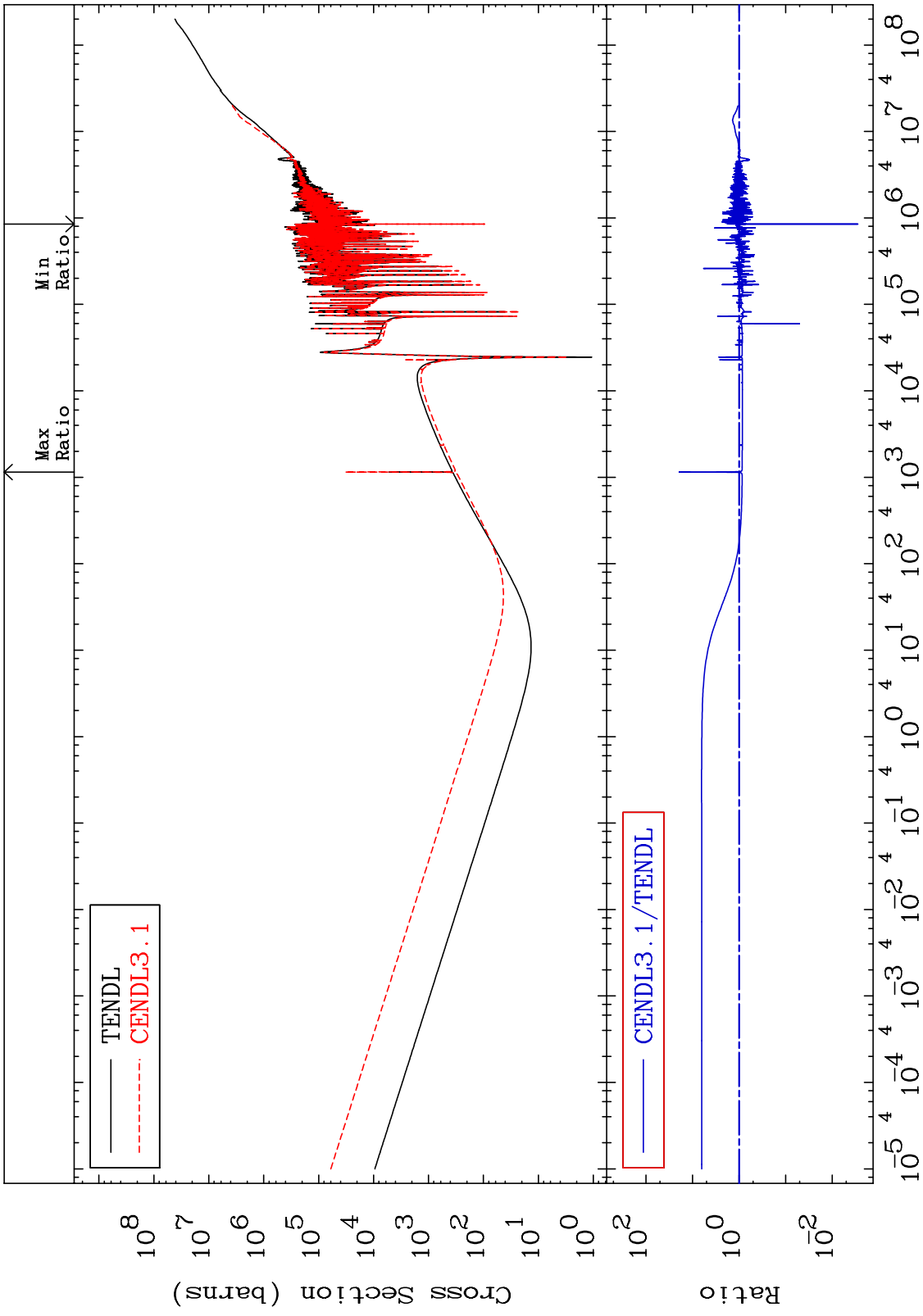


43

Incident Energy (eV)

<sup>26</sup>Fe-56

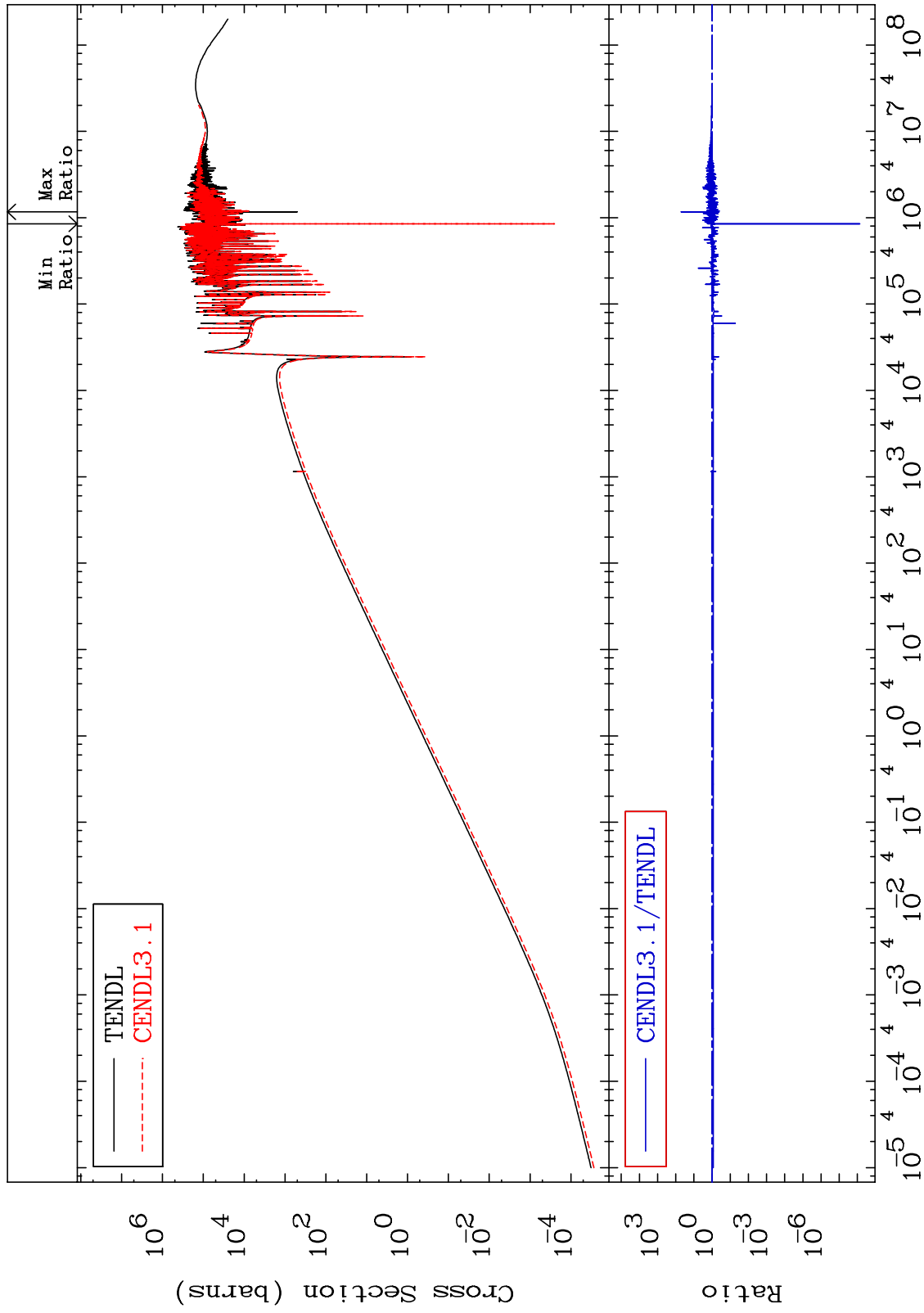
MAT 2631 Kerma total (eV-barns) 26-Fe-56  
 Cross Section -99.72 To 1846. %



MAT 2631

Kerma elastic  
Cross Section

26-Fe-56  
-100.0 To 4874. %



45

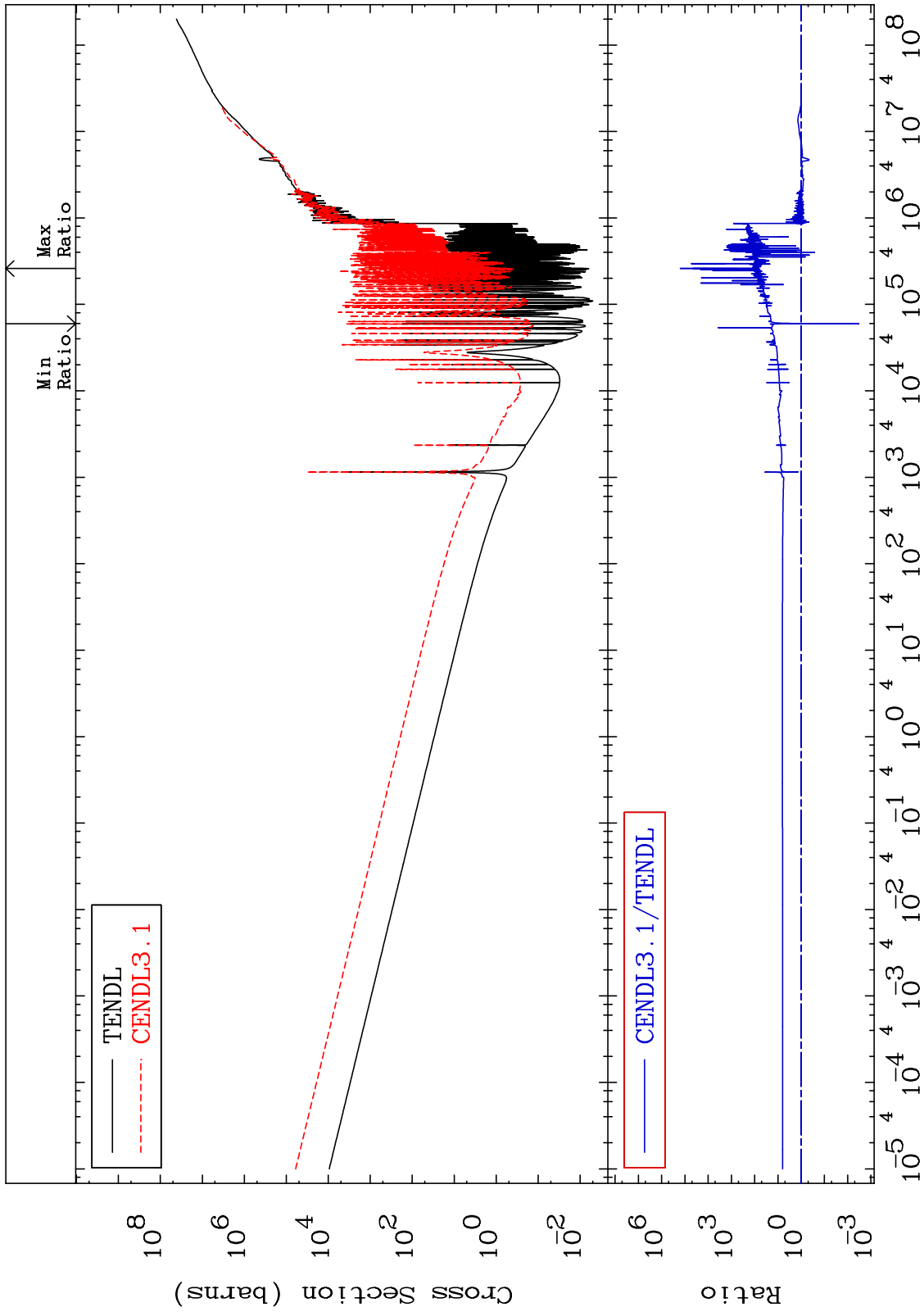
Incident Energy (eV)

26-Fe-56

MAT 2631

Kerma non-elastic (all but mt2)  
Cross Section

26-Fe-56  
-99.67 To 9999. %

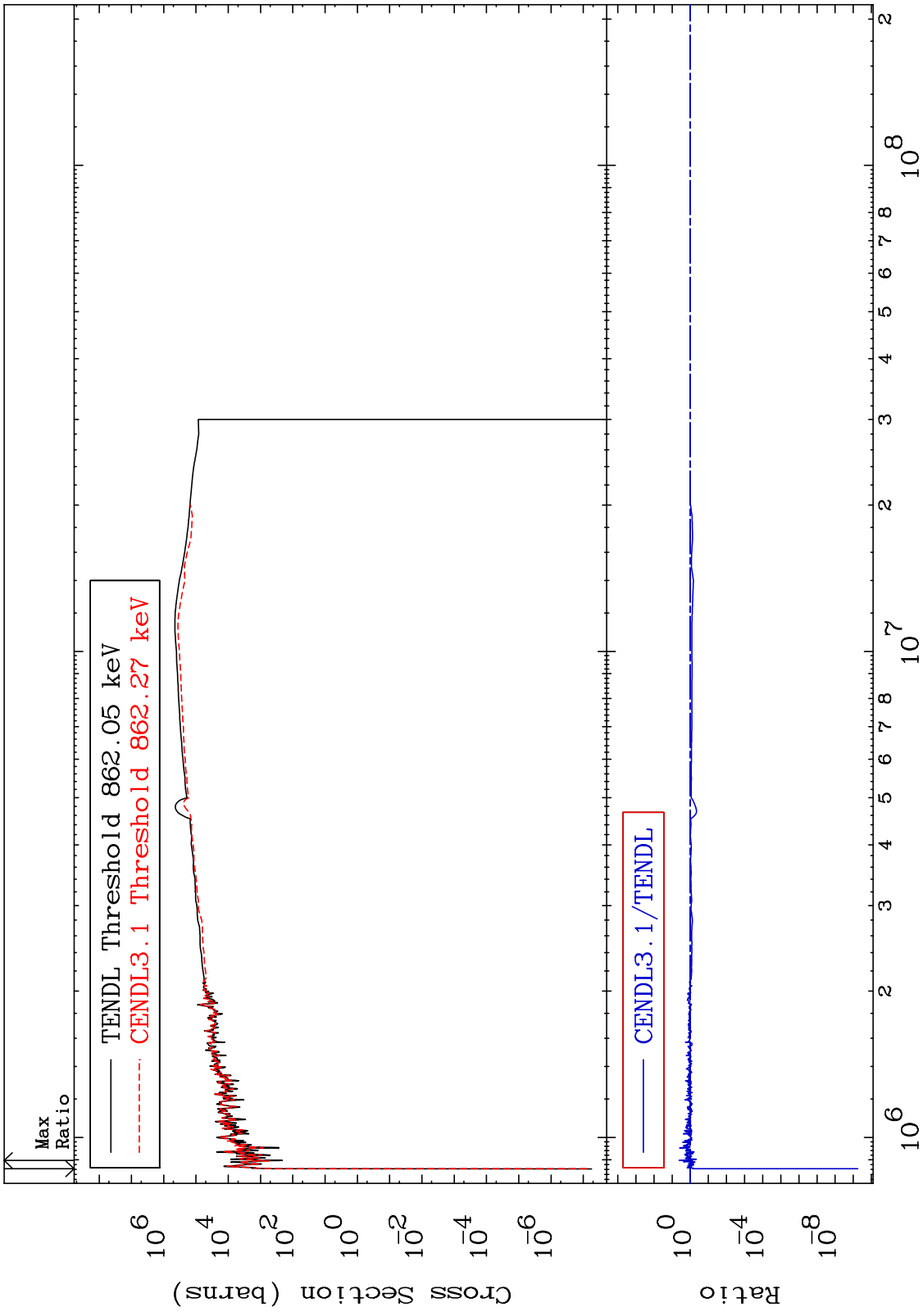


46

Incident Energy (eV)

26-Fe-56

MAT 2631 Kerma inelastic (mt51-91) 26-Fe-56  
-100.0 To 313.2 %

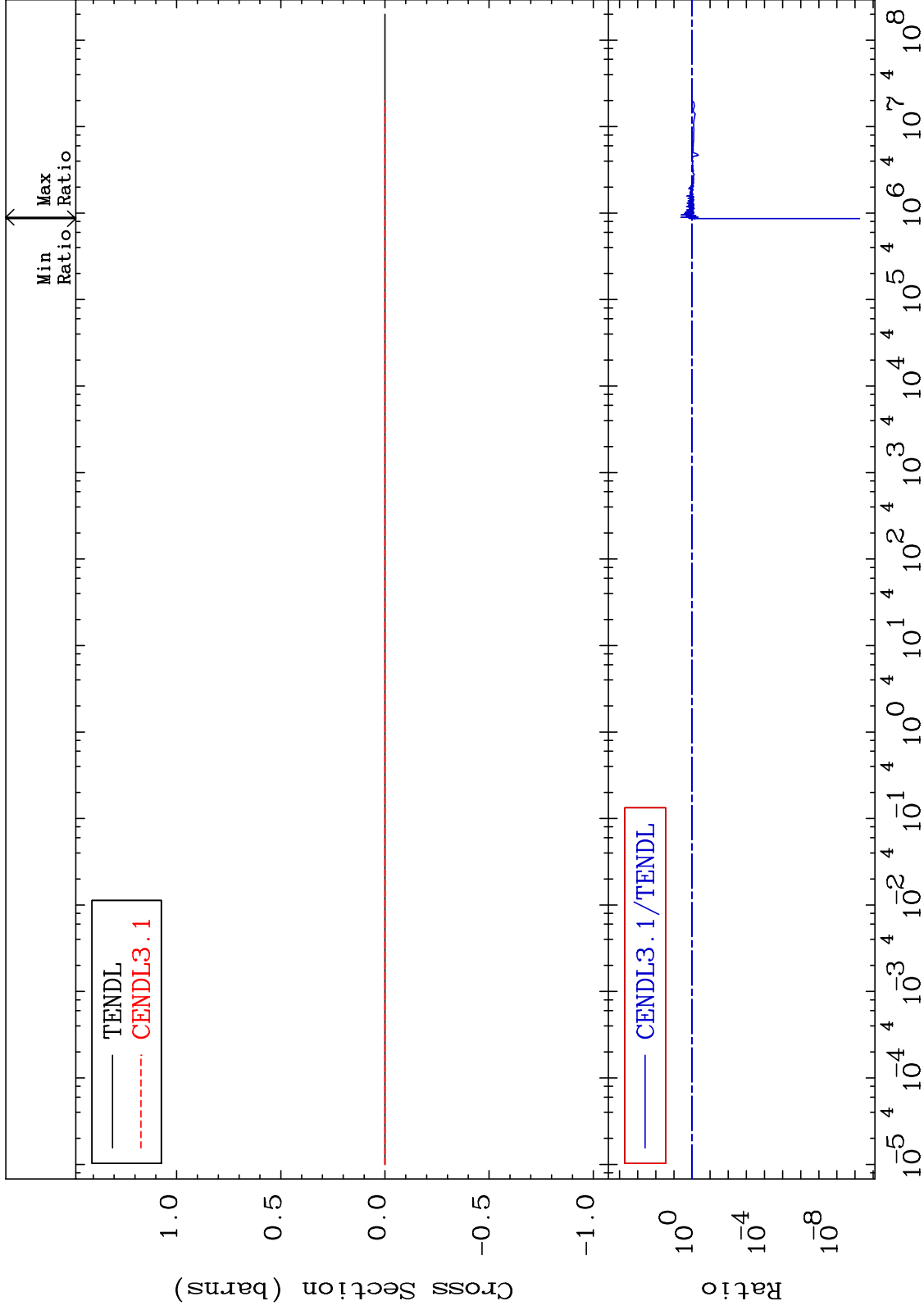




MAT 2631

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

26-Fe-56  
-100.0 To 313.2 %



48

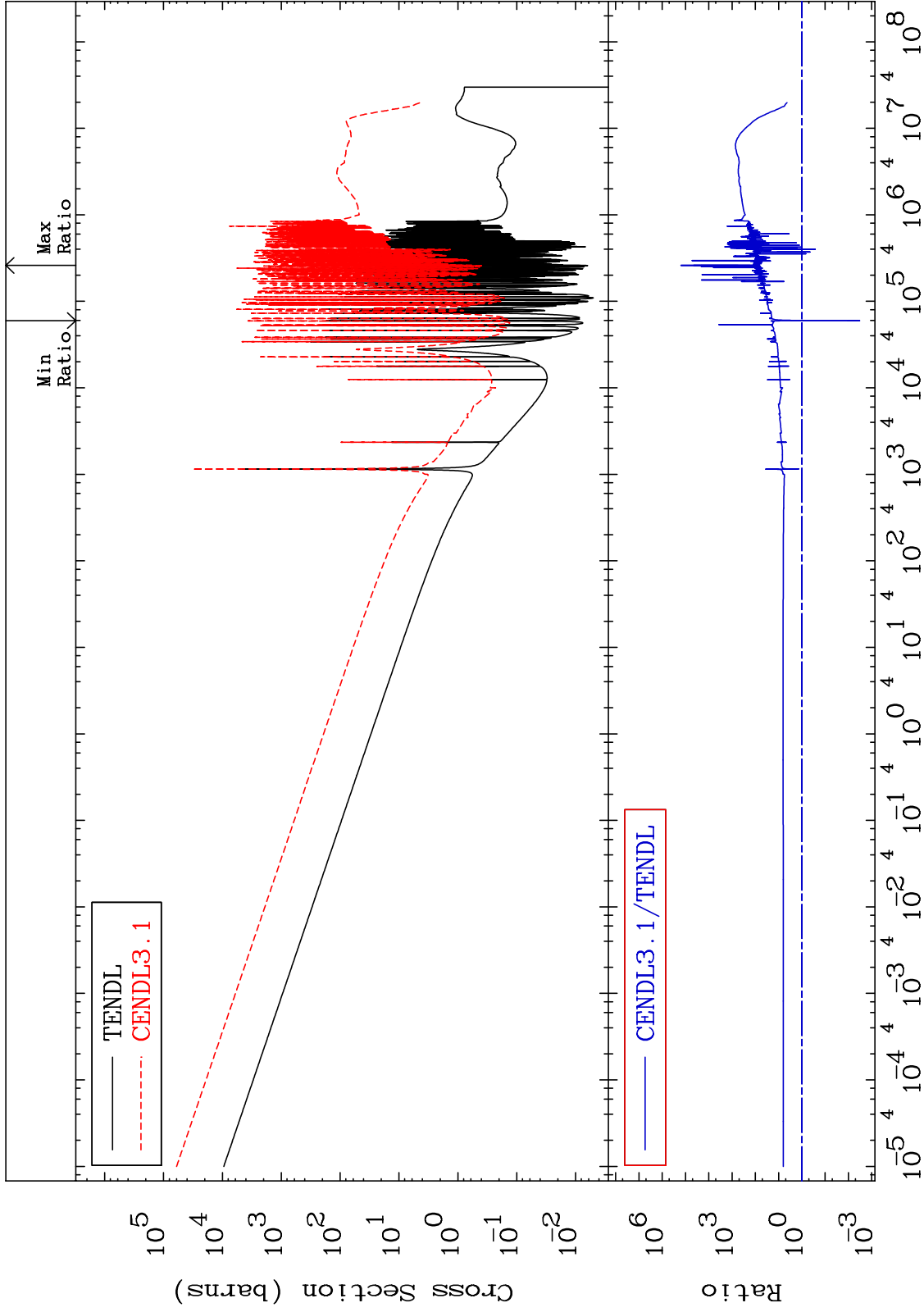
Incident Energy (eV)

26-Fe-56

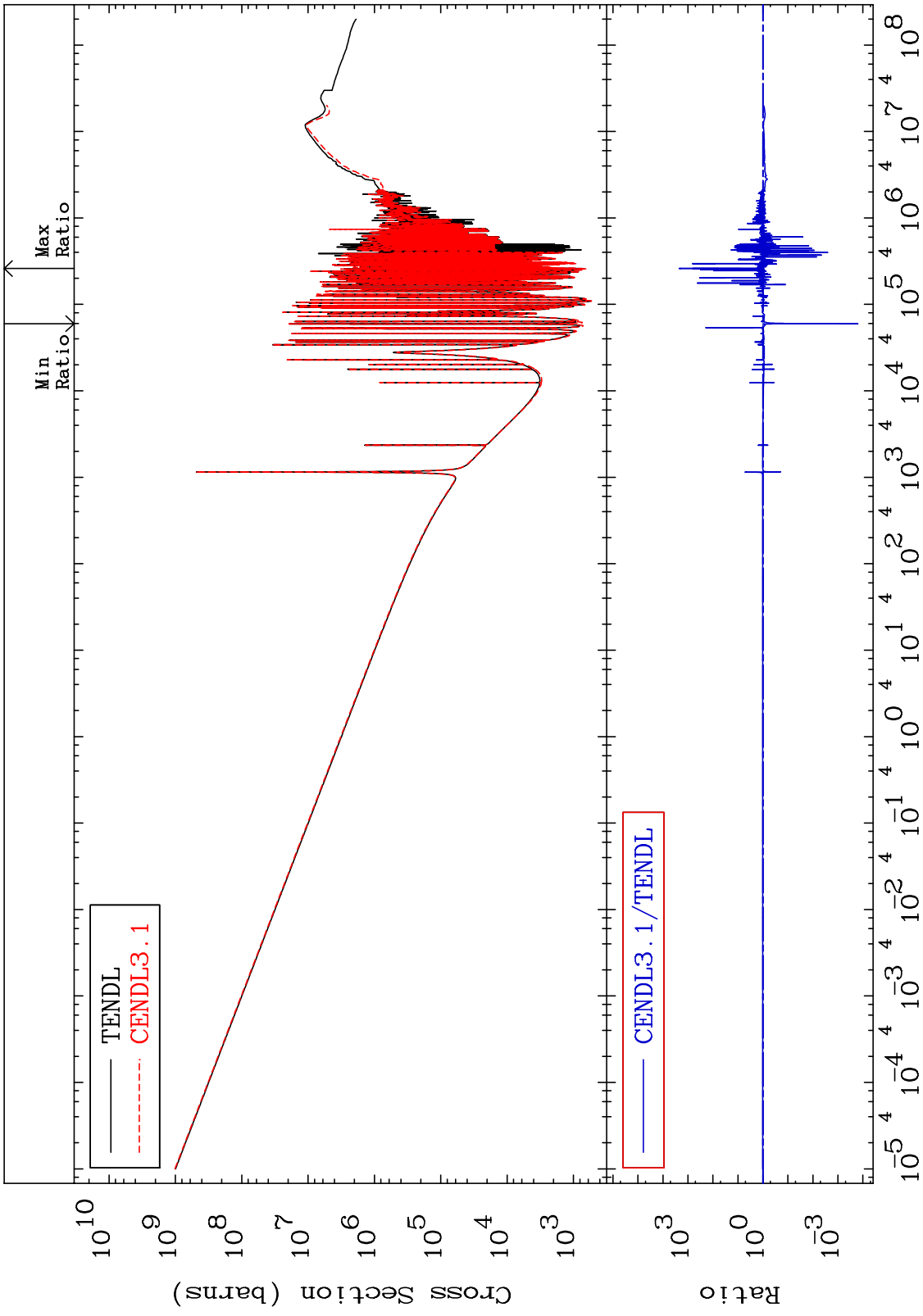
MAT 2631

Kerma capture (mt102)  
Cross Section

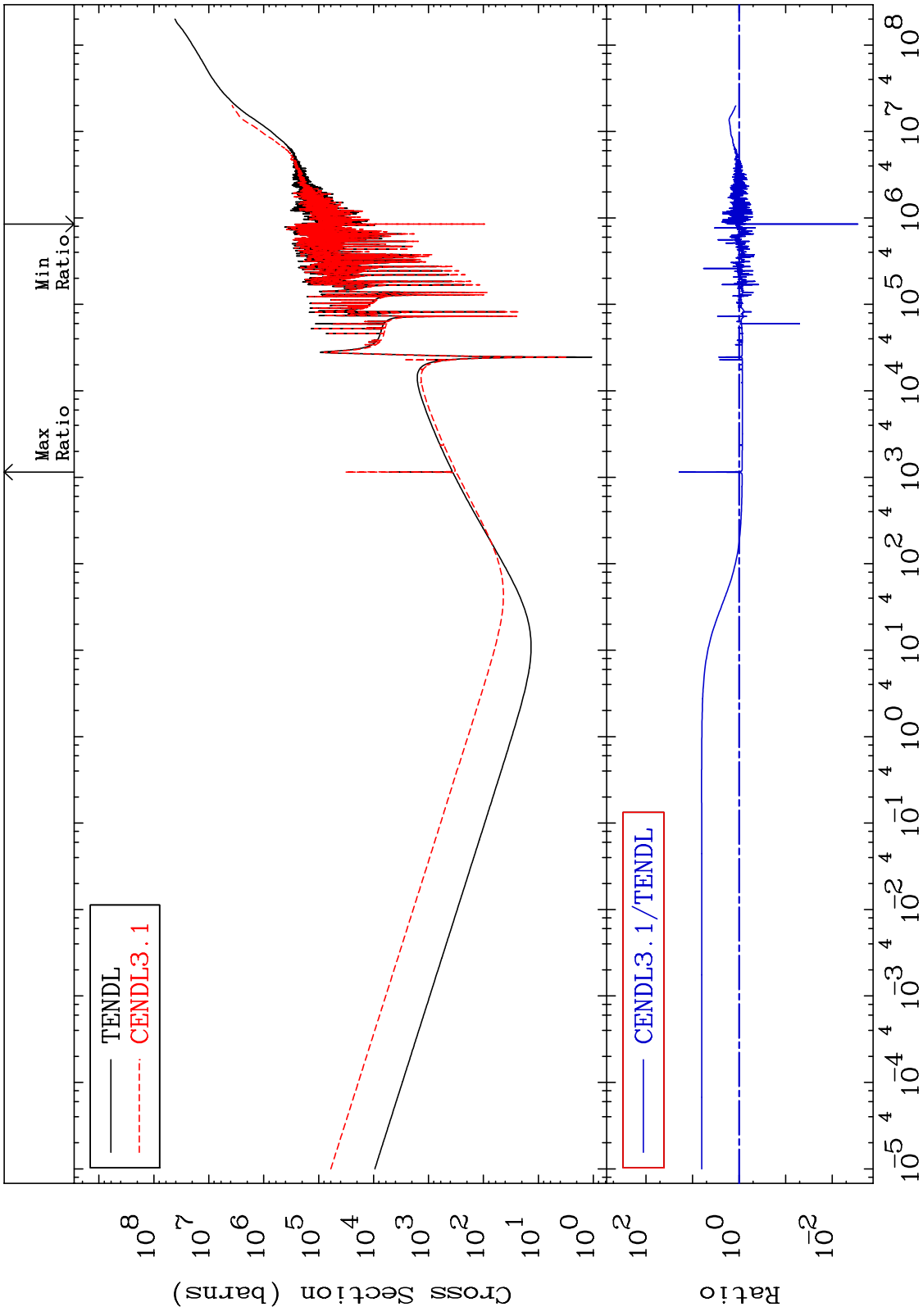
26-Fe-56  
-99.67 To 9999. %



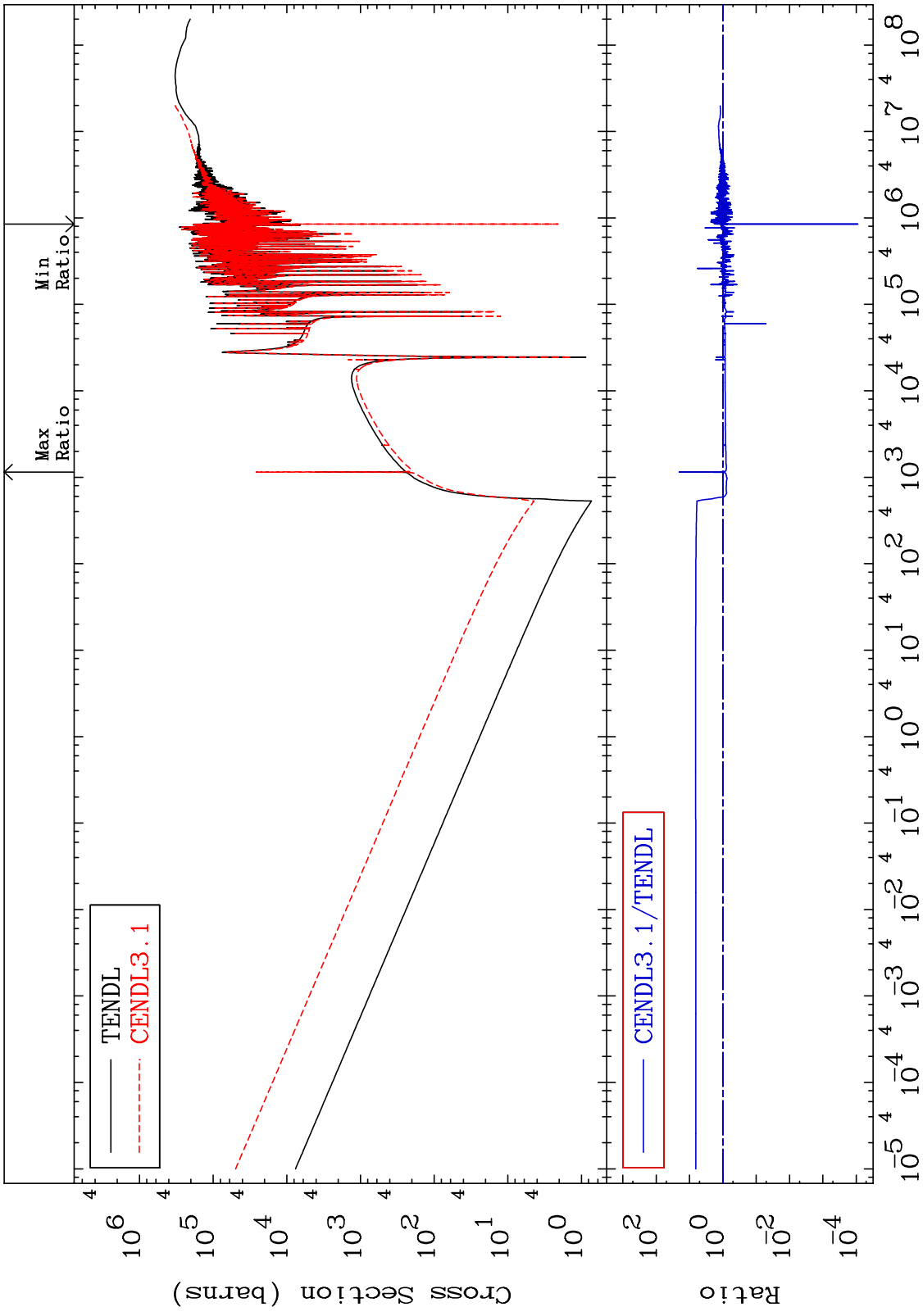
MAT 2631 26-Fe-56  
 Total photon (eV-barns) -99.98 To 9999. %  
 Cross Section



MAT 2631 Total kinematic kerma (high limit) Cross Section 26-Fe-56 -99.72 To 1846. %



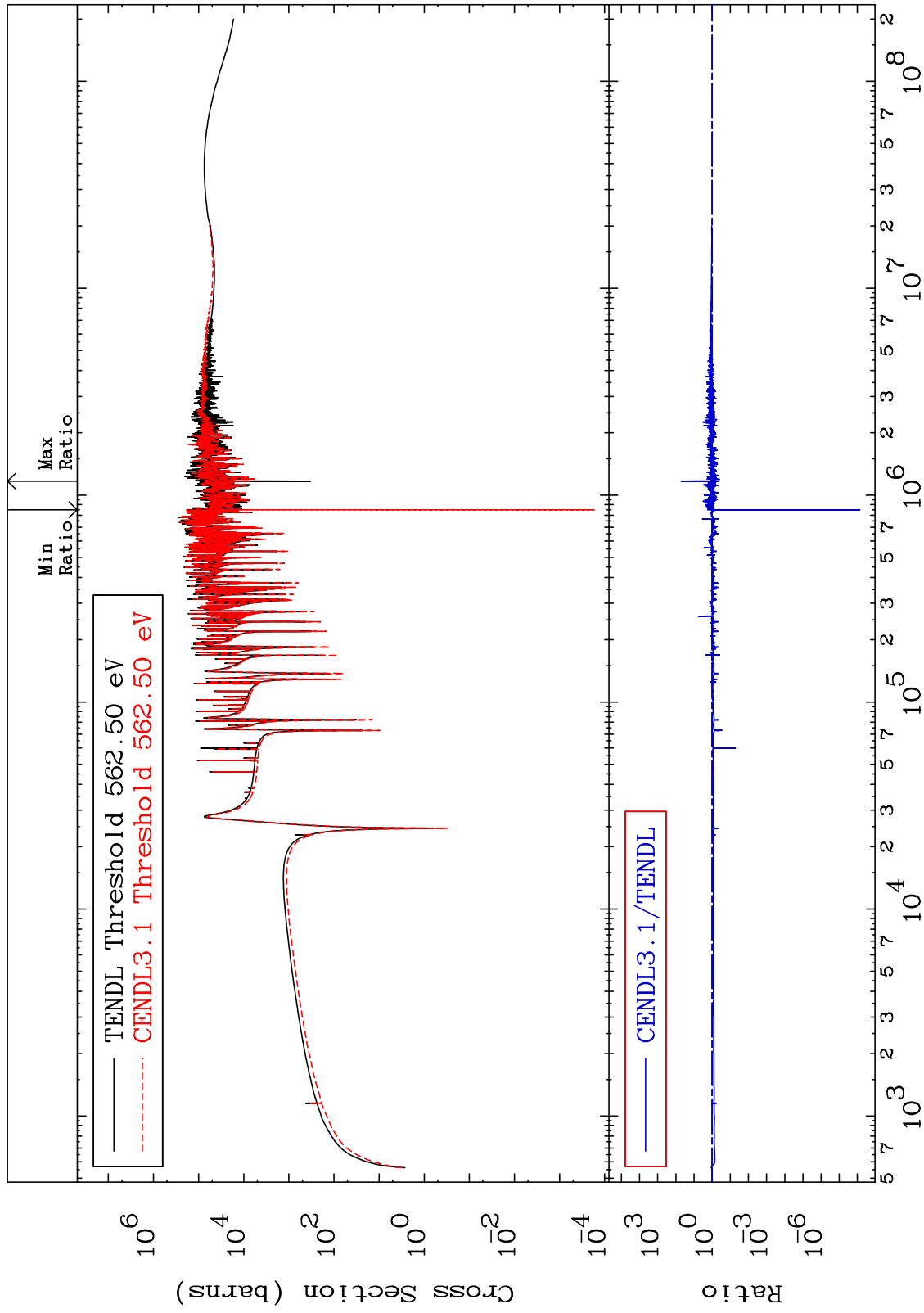
MAT 2631      Dpa total (eV-barns)      26-Fe-56  
 Cross Section      -99.99 To 1966. %



MAT 2631

Dpa elastic (mt2)  
Cross Section

26-Fe-56  
-100.0 To 4938. %



53

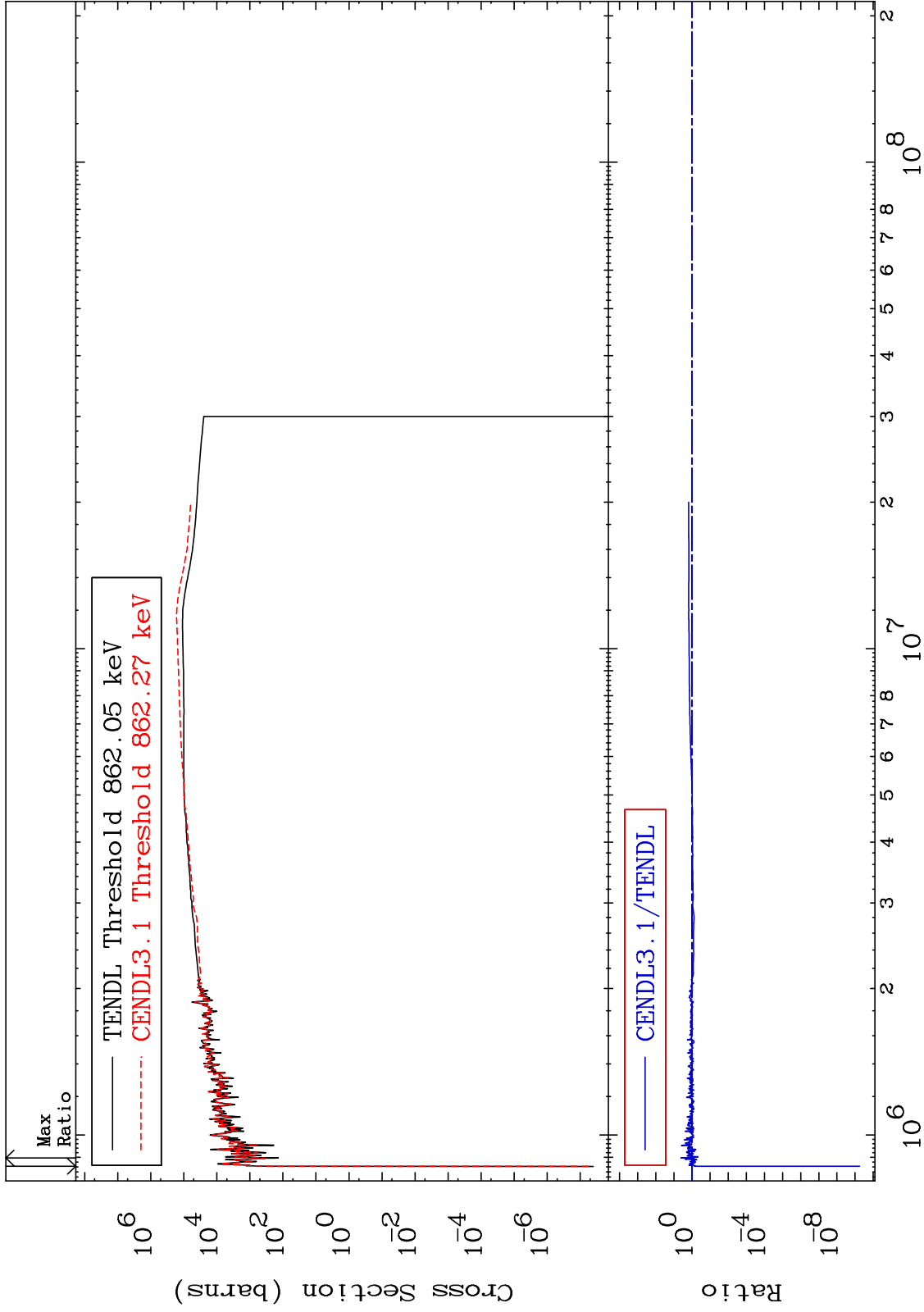
Incident Energy (eV)

26-Fe-56

MAT 2631

Dpa inelastic (mt51-91)  
Cross Section

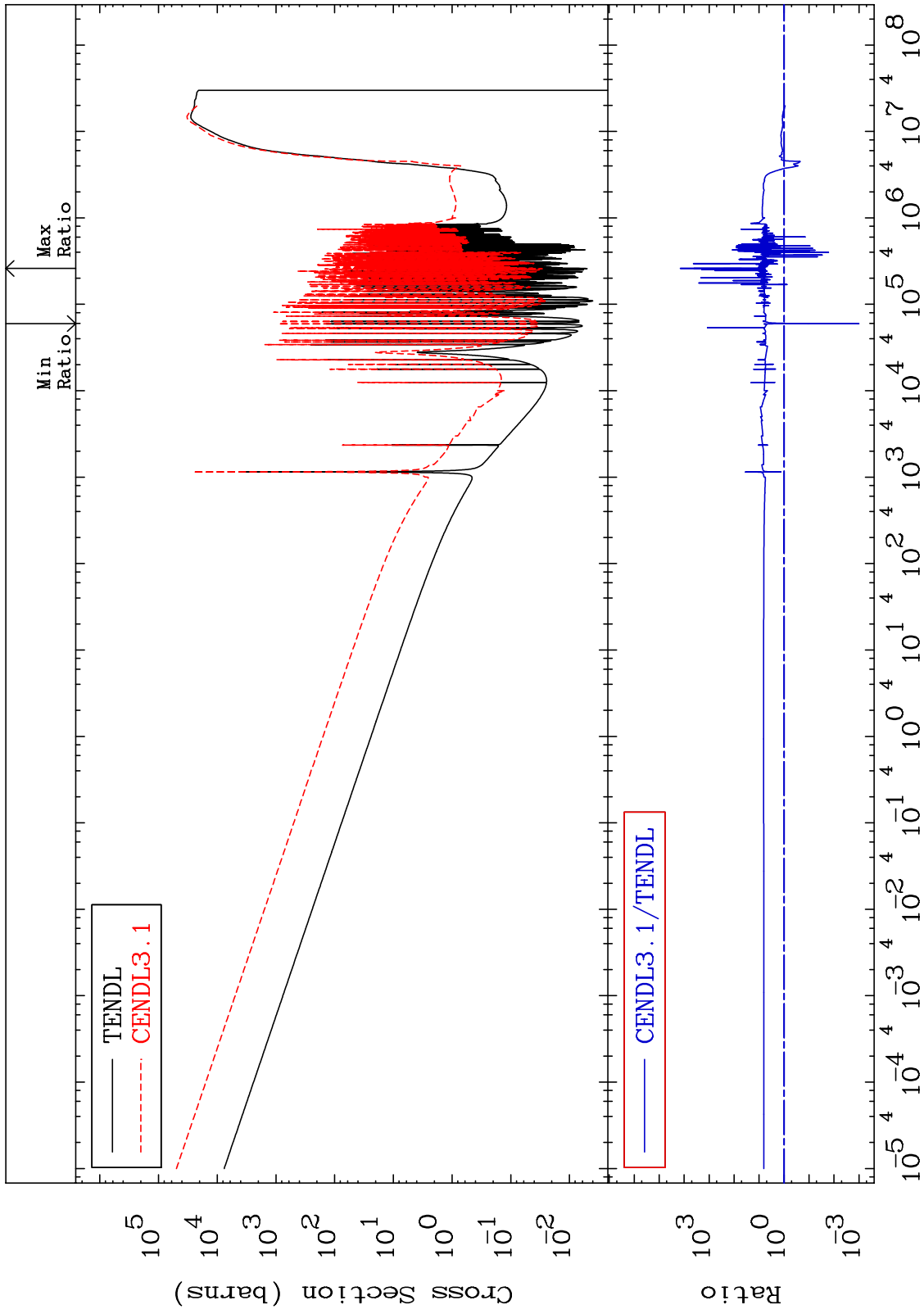
26-Fe-56  
-100.0 To 313.3 %



MAT 2631

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-56  
-99.90 To 9999. %

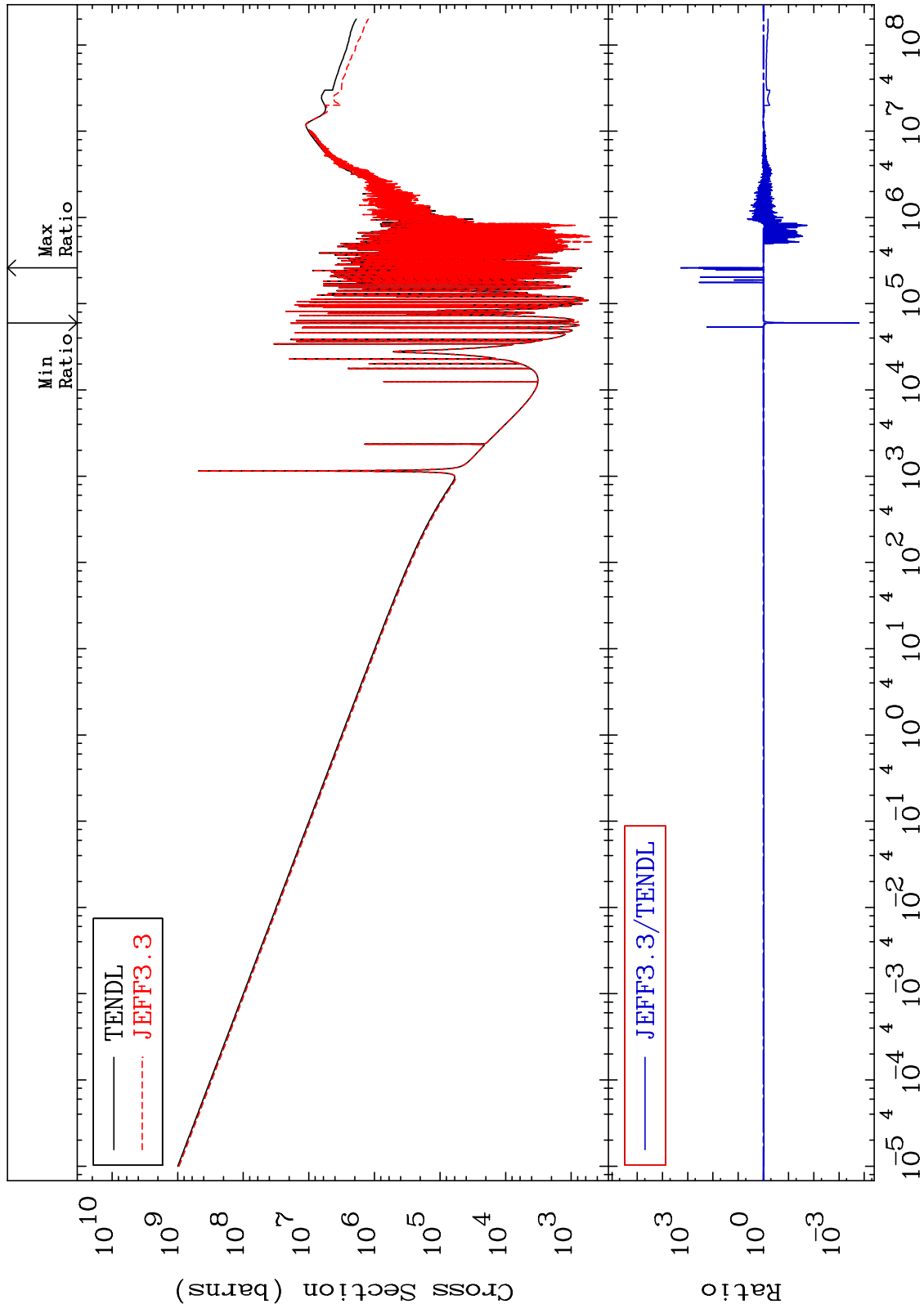




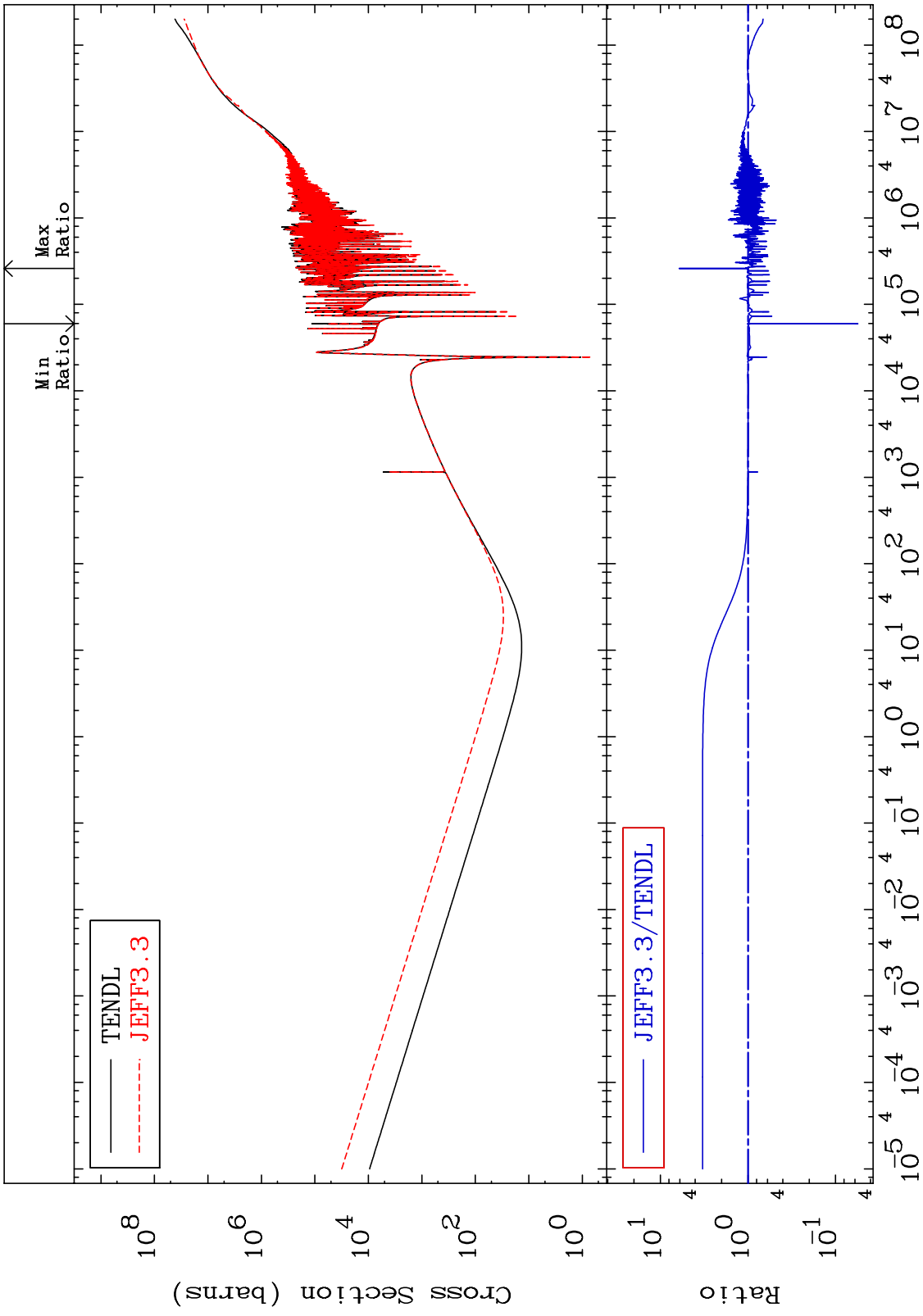
MAT 2631

Total photon (eV-barns)  
Cross Section

26-Fe-56  
-99.98 To 9999. %



MAT 2631      Total kinematic kerma (high limit)      <sup>26</sup>Fe-56  
 Cross Section      -94.43 To 512.5 %

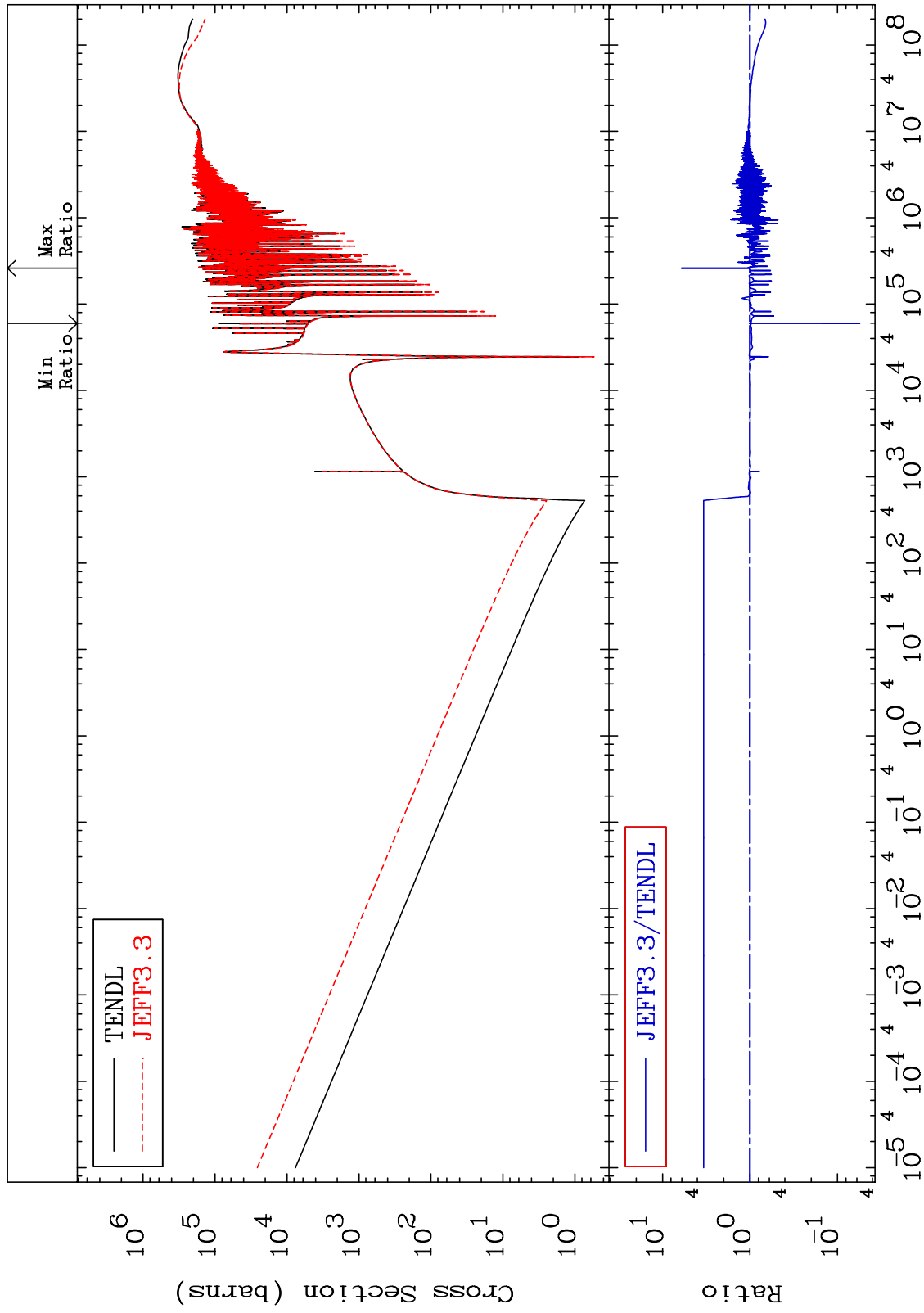


57      Incident Energy (eV)      <sup>26</sup>Fe-56

MAT 2631

Dpa total (eV-barns)  
Cross Section

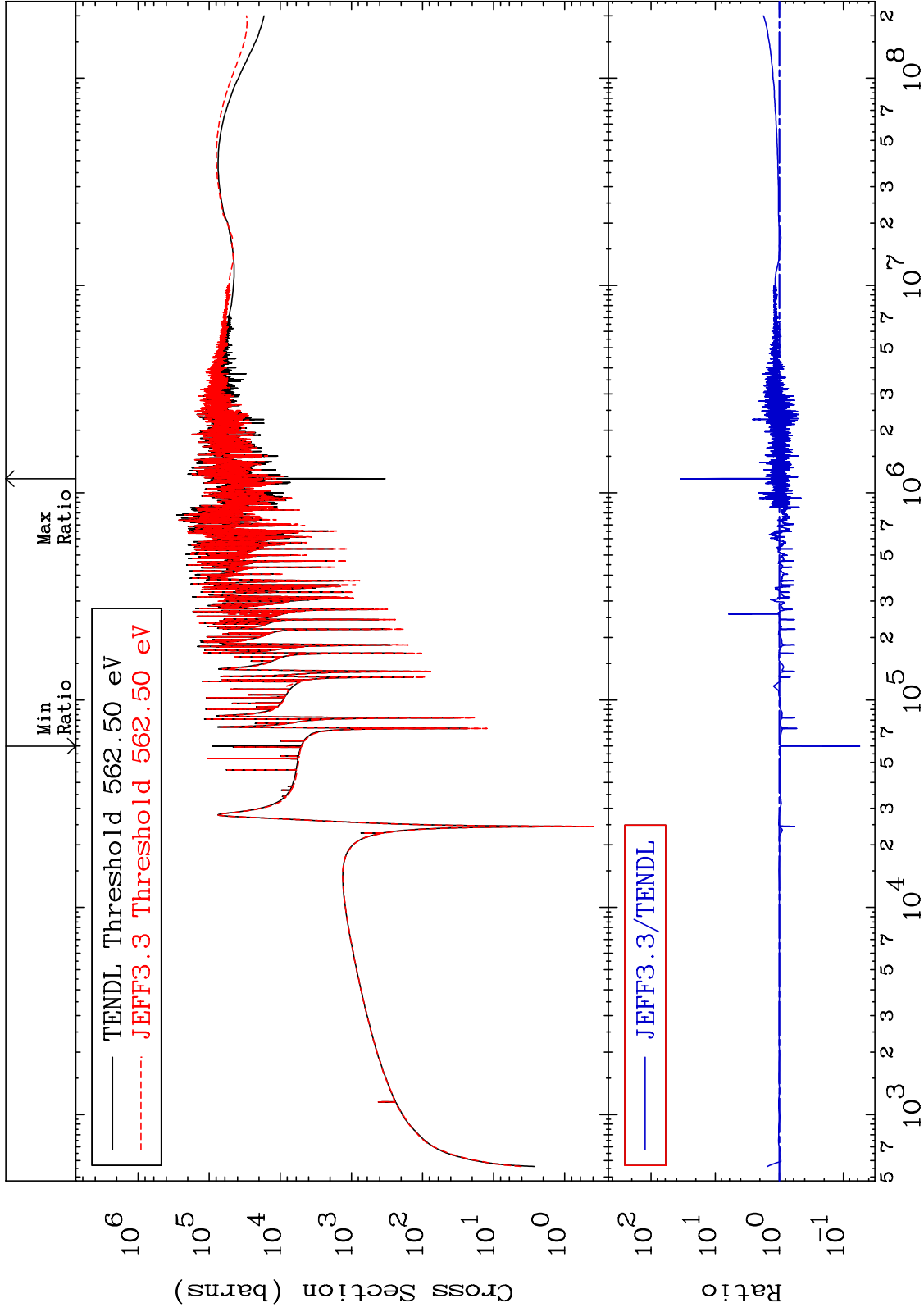
26-Fe-56  
-94.43 To 511.0 %



MAT 2631

Dpa elastic (mt2)  
Cross Section

26-Fe-56  
-94.43 To 3340. %

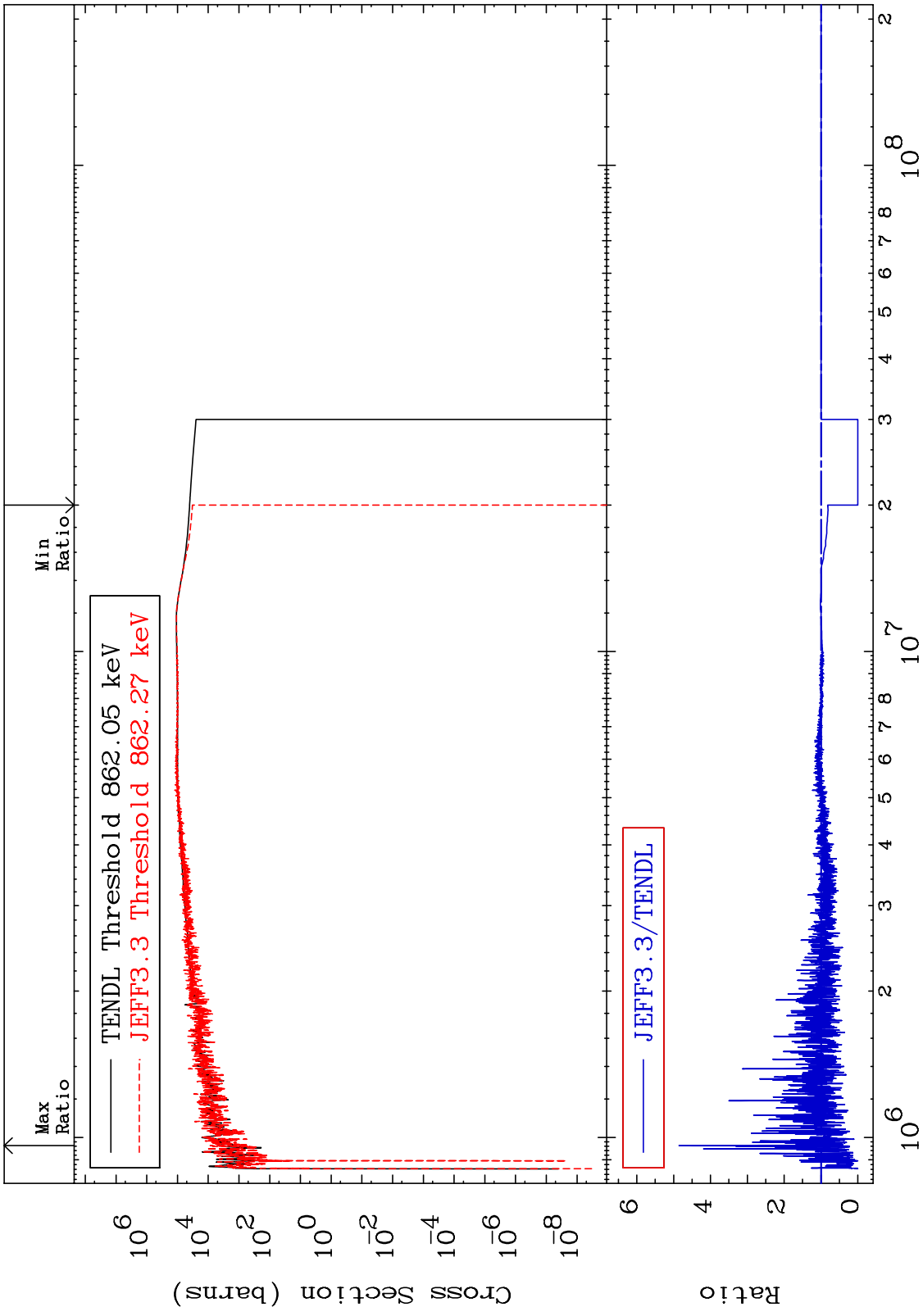


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Incident Energy (eV)

26-Fe-56

MAT 2631      Dpa inelastic (mt51-91)      <sup>26</sup>Fe-56  
Cross Section      -100.0 To 385.4 %

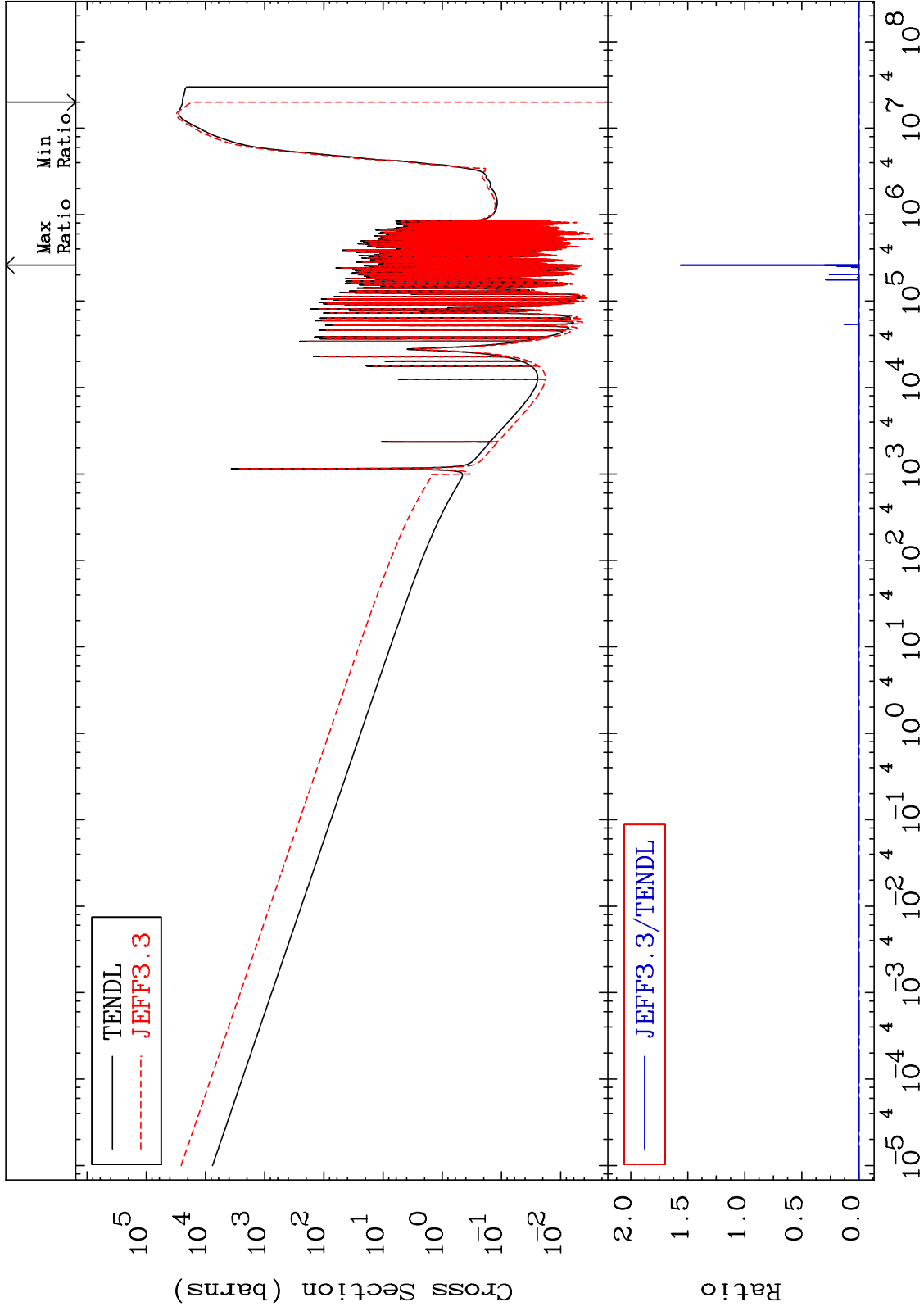


60      Incident Energy (eV)      26-Fe-56

MAT 2631

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-56  
-100.0 To 9999. %



61

Incident Energy (eV)

26-Fe-56