

Program Complot  
(Version 2018-1)

by

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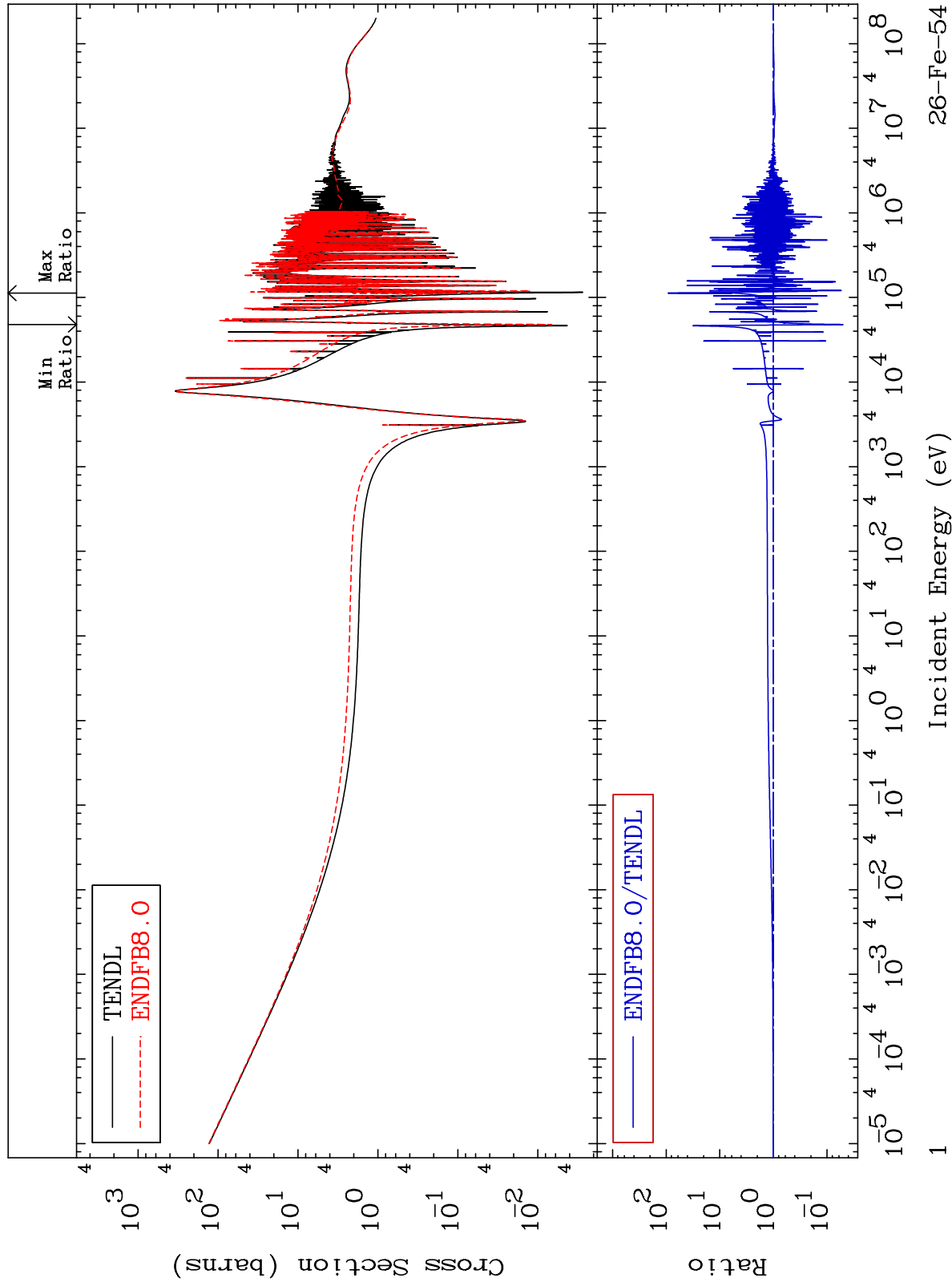
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2625

Total  
Cross Section

26-Fe-54  
-94.93 To 9131. %

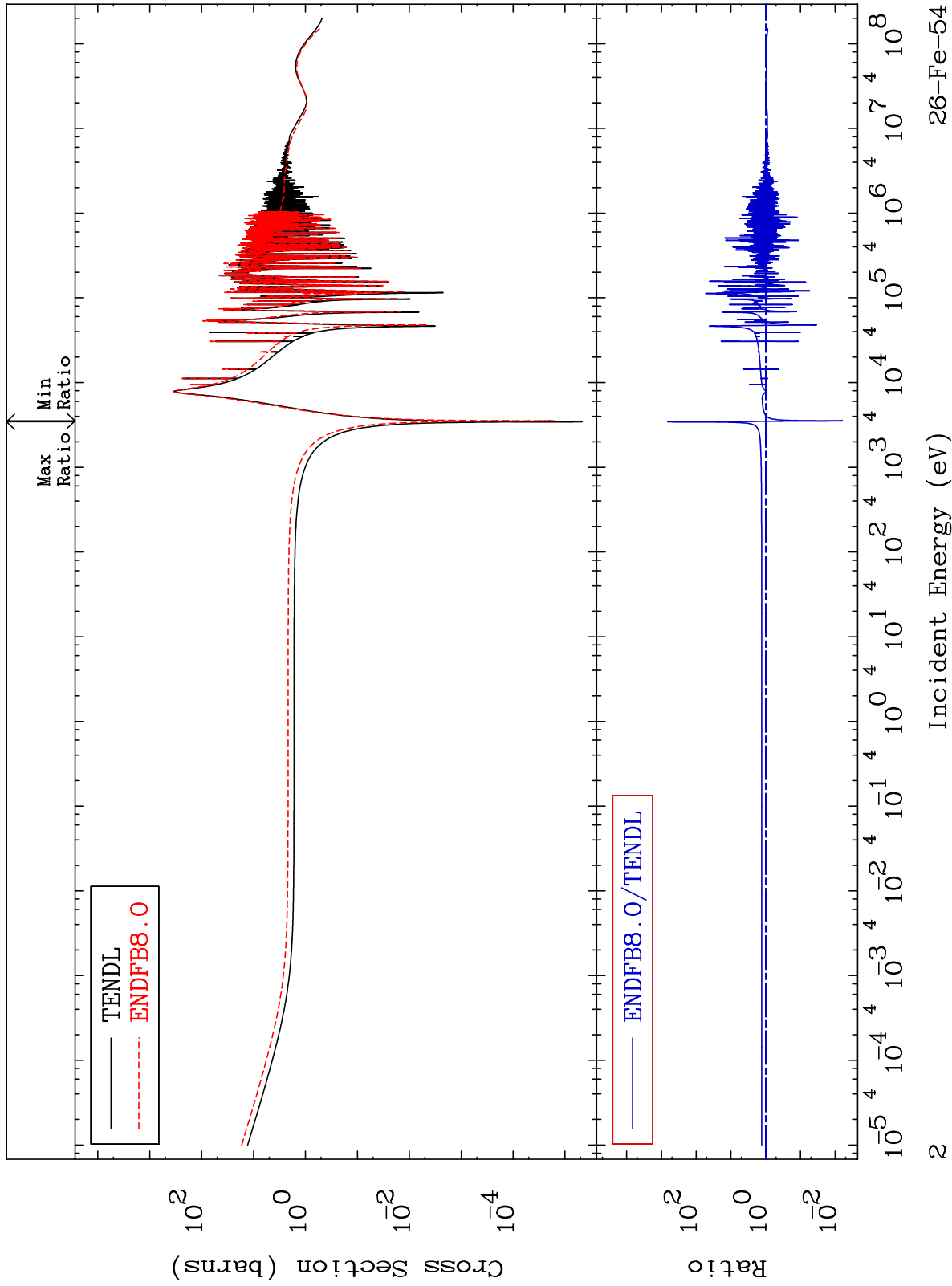


26-Fe-54

MAT 2625

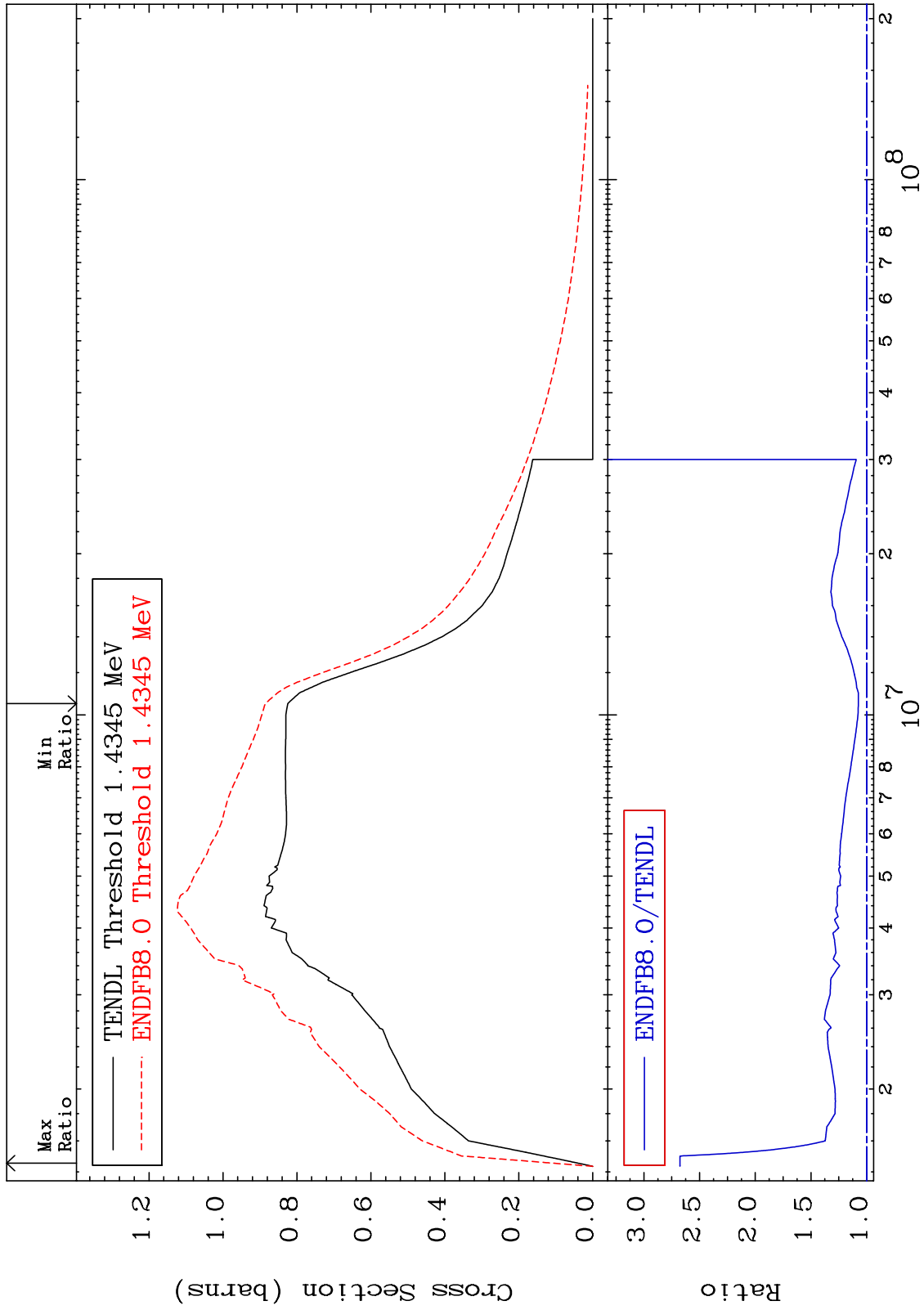
Elastic  
Cross Section

26-Fe-54  
-99.39 To 9999. %



26-Fe-54

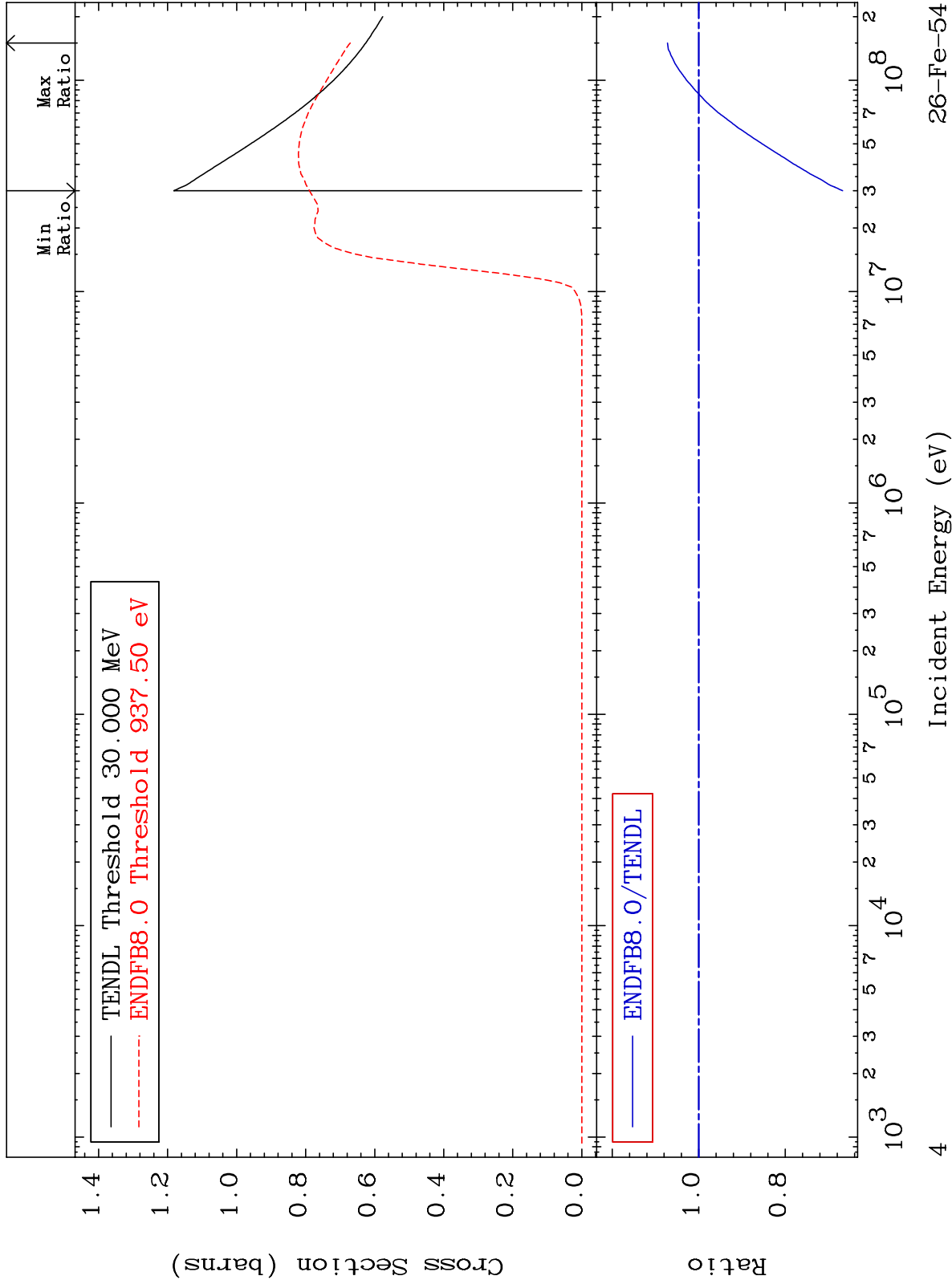
MAT 2625 Inelastic Cross Section 26-Fe-54 To 167.6 %  
7.385



MAT 2625

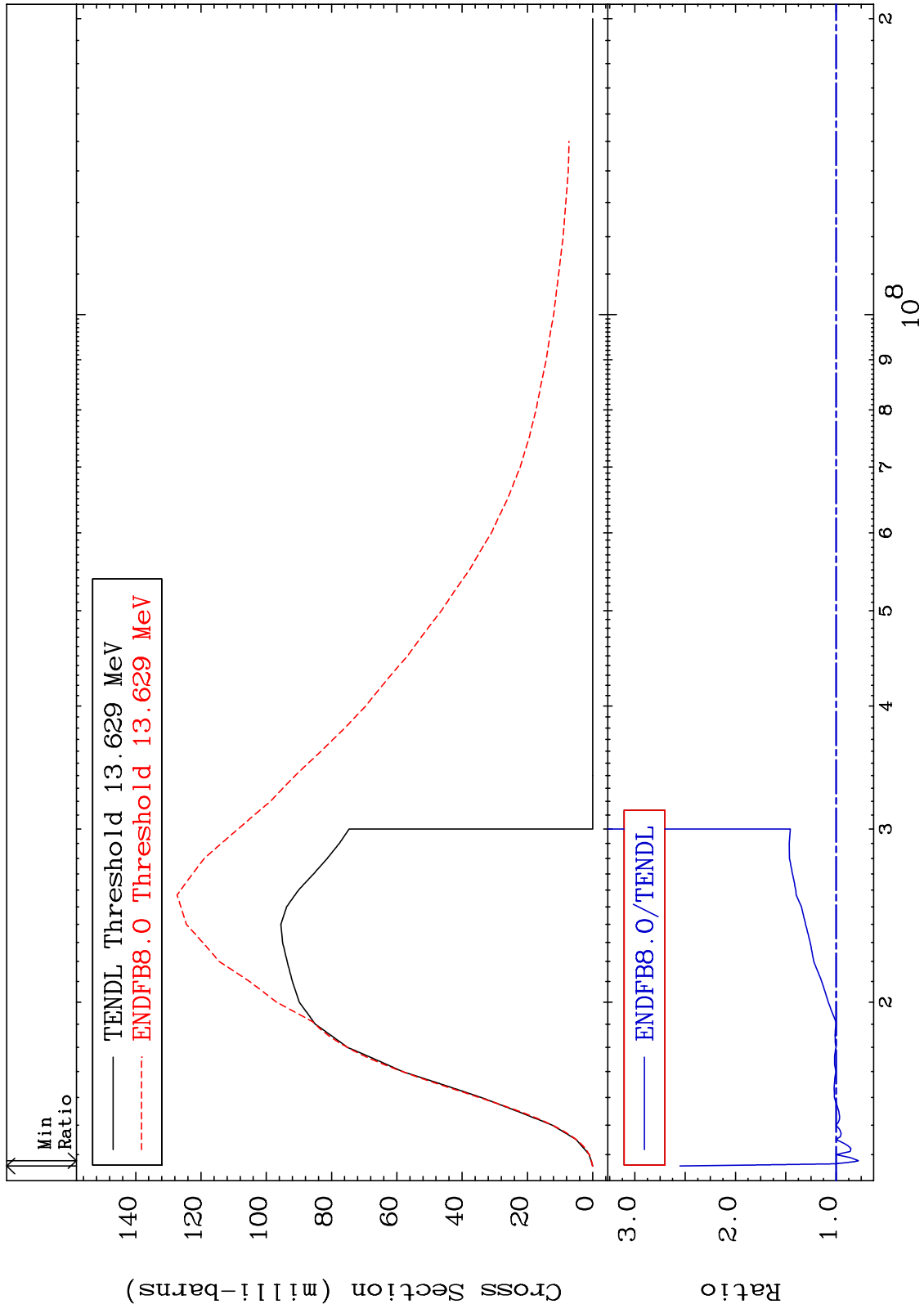
(n, remainder)  
Cross Section

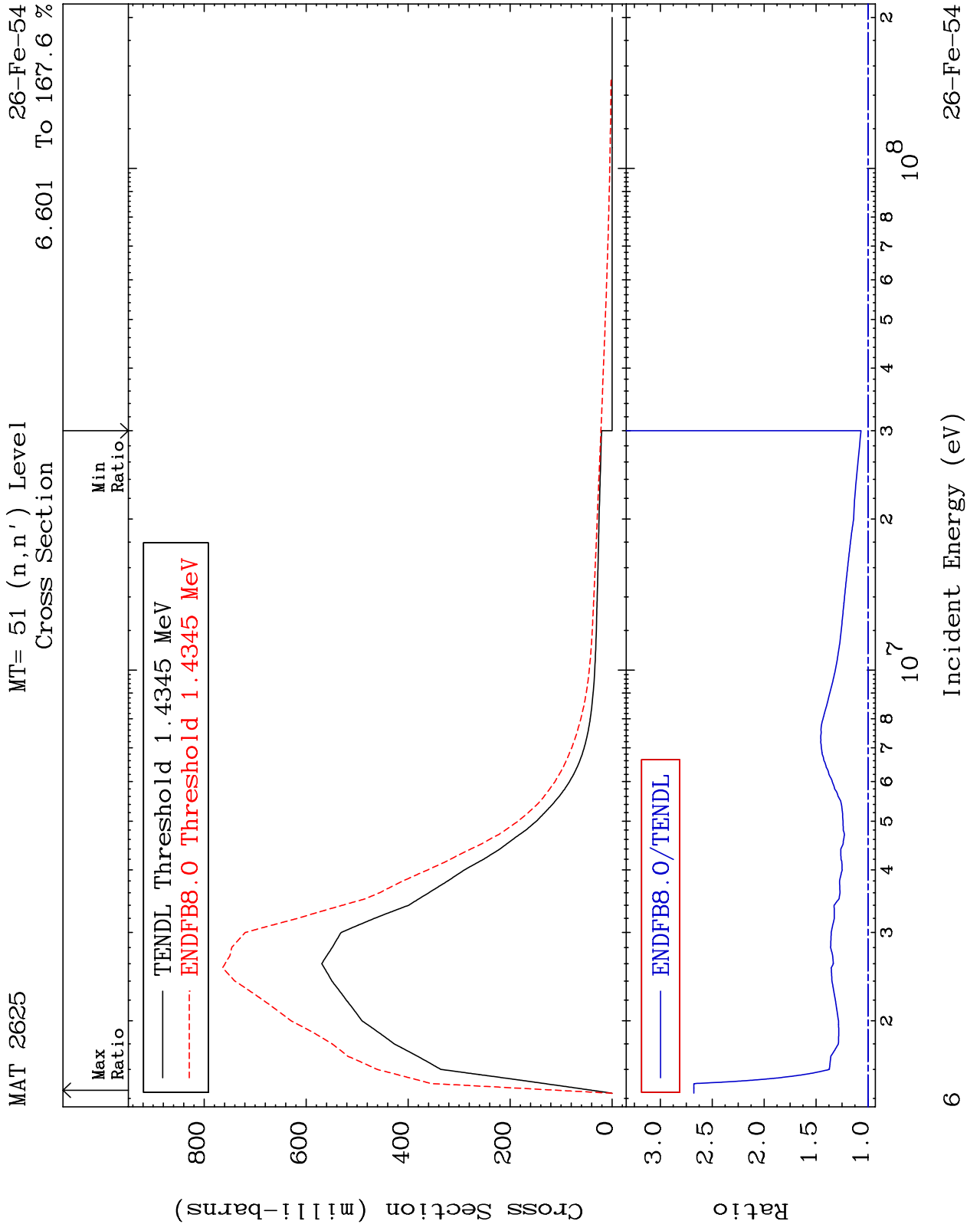
26-Fe-54  
-33.26 To 7.212 %



26-Fe-54

MAT 2625 (n,2n) Cross Section 26-Fe-54 -22.16 To 155.1 %

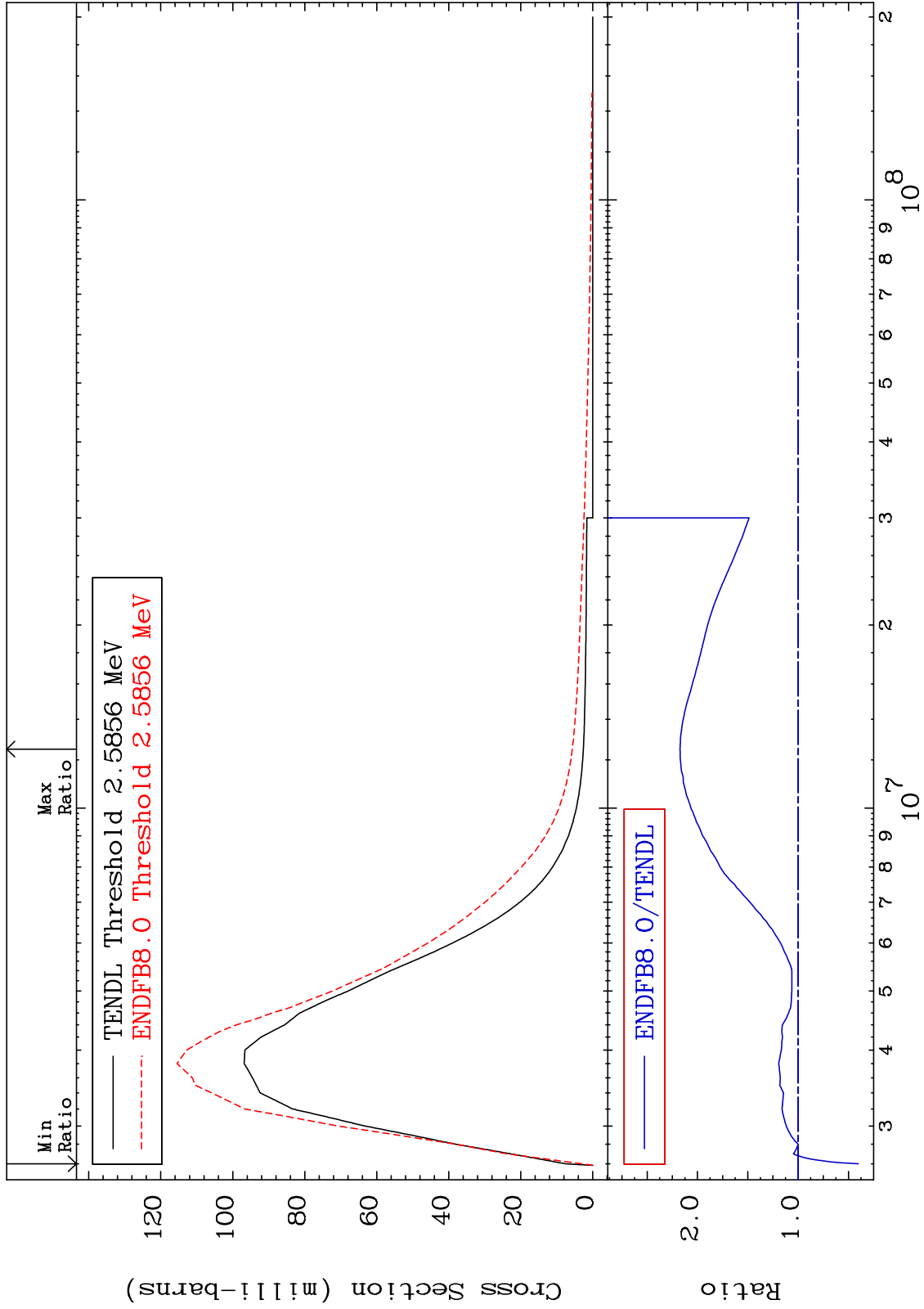




MAT 2625

MT= 52 (n,n') Level  
Cross Section

26-Fe-54  
-59.90 To 117.3 %



7

Incident Energy (eV)

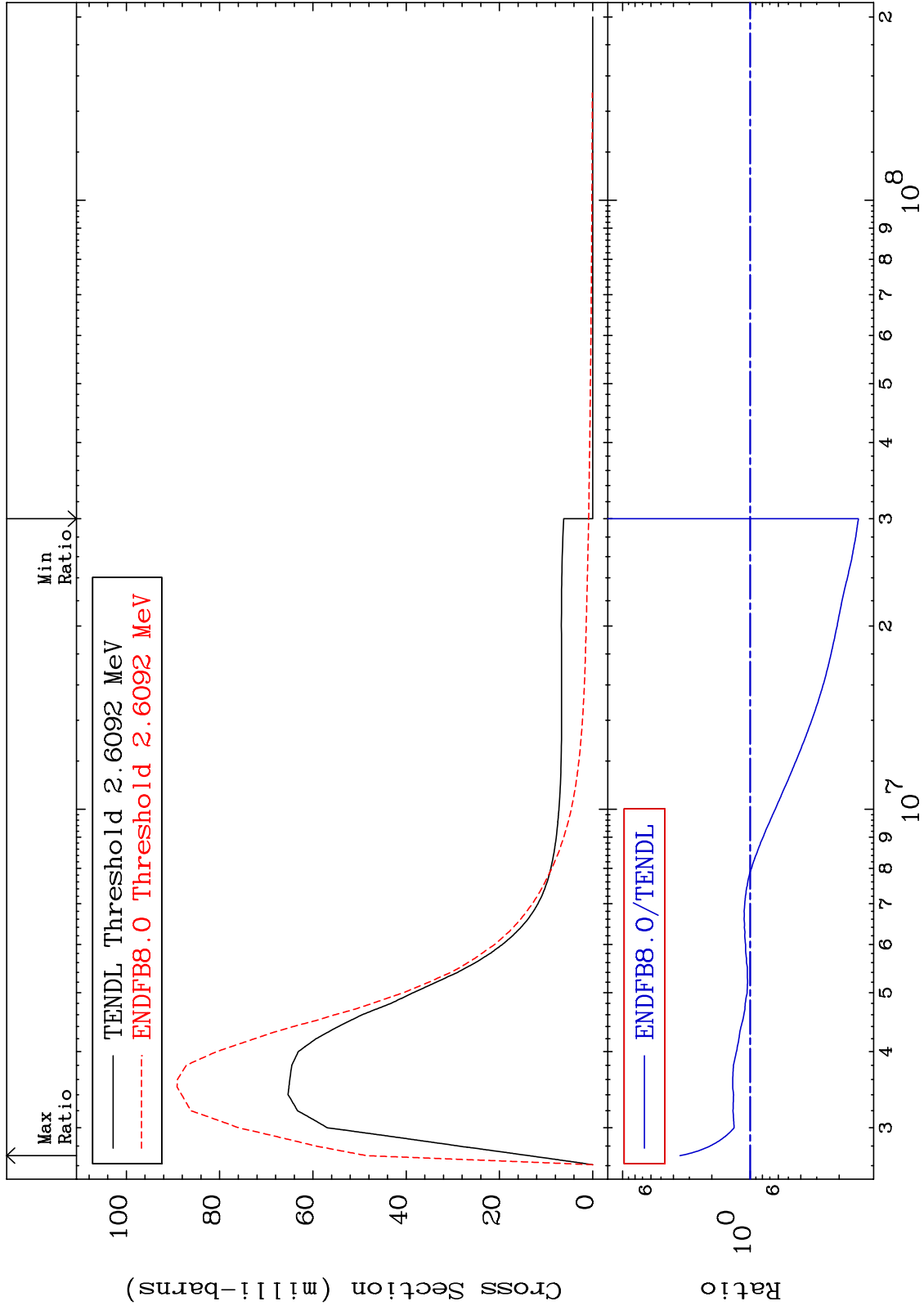
26-Fe-54



MAT 2625

MT= 53 (n, n') Level  
Cross Section

26-Fe-54  
-85.88 To 254.7 %



8

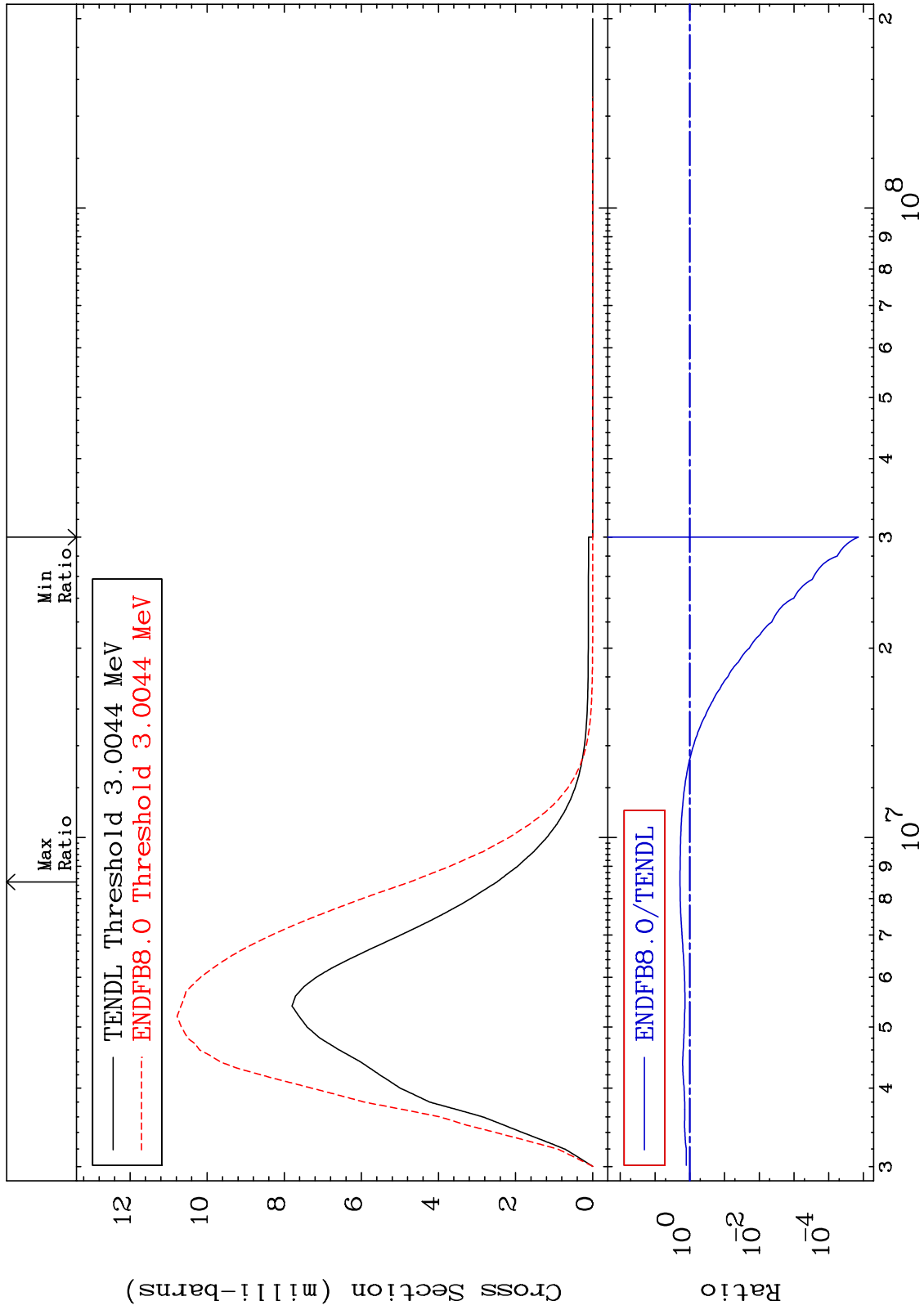
Incident Energy (eV)

26-Fe-54

MAT 2625

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

26-Fe-54  
-100.0 To 90.78 %



9

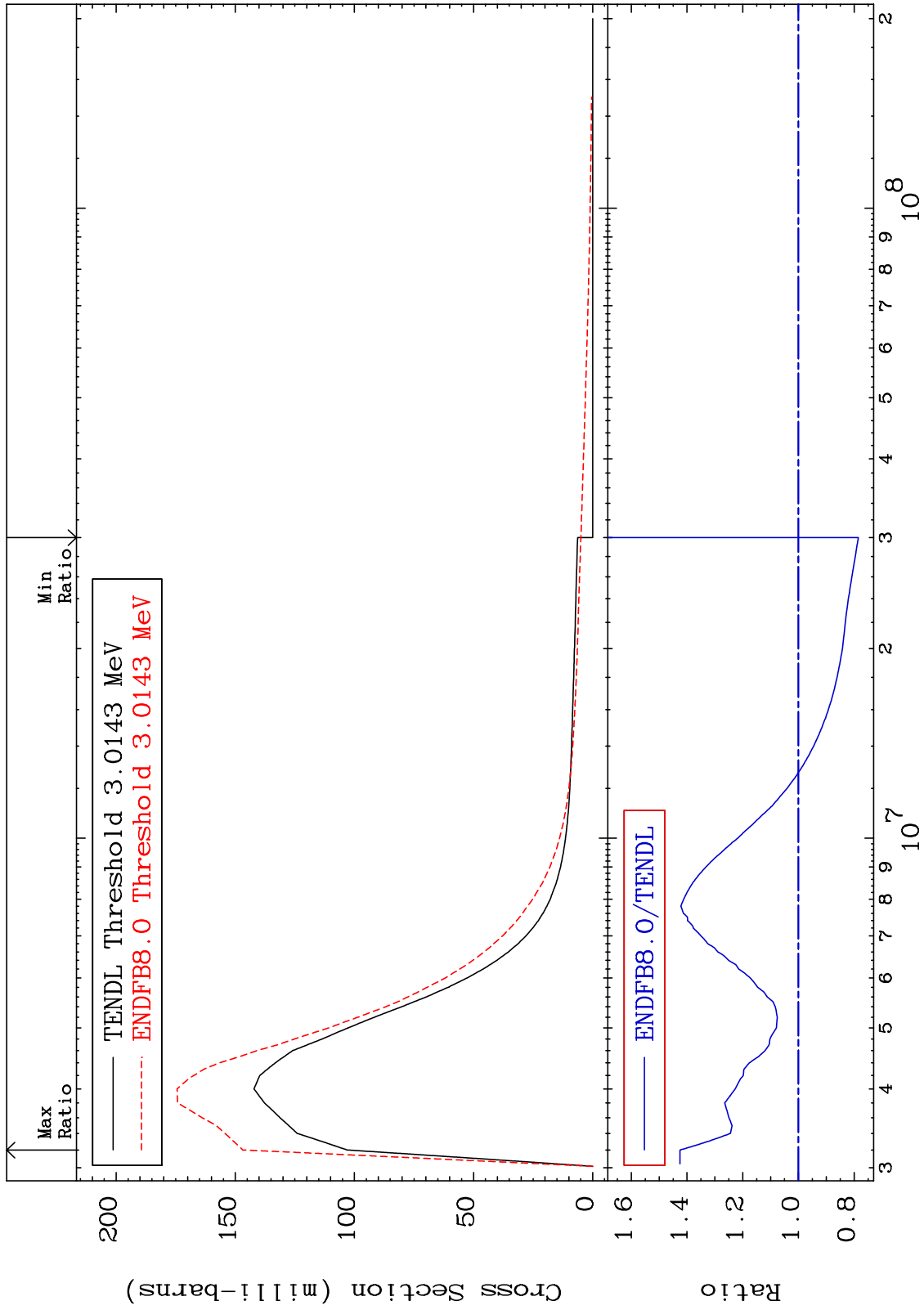
Incident Energy (eV)

26-Fe-54

MAT 2625

MT= 55 (n,n') Level  
Cross Section

<sup>26</sup>Fe-54  
-21.52 To 42.51 %



10

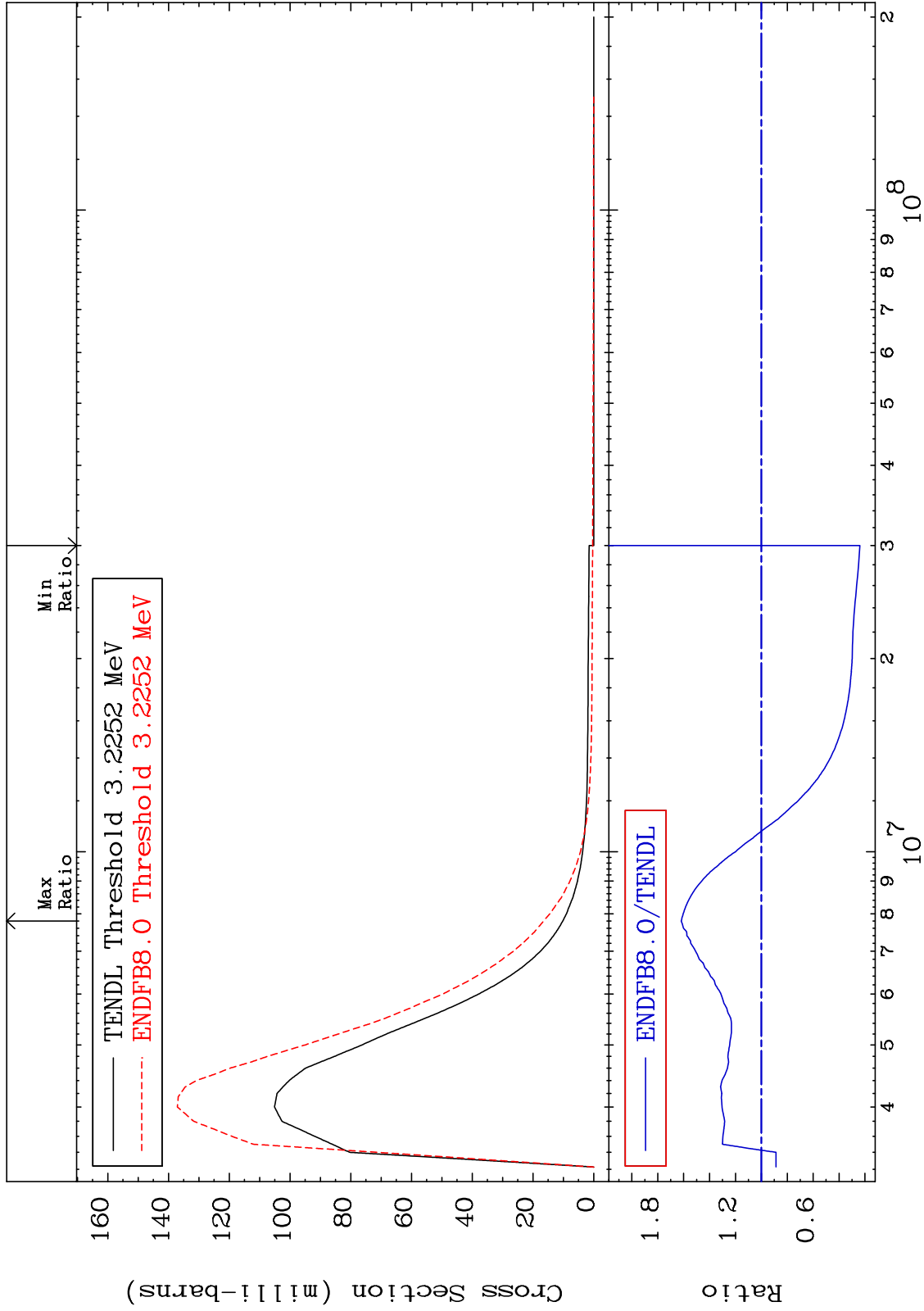
26-Fe-54

26-Fe-54

MAT 2625

MT= 56 (n,n') Level  
Cross Section

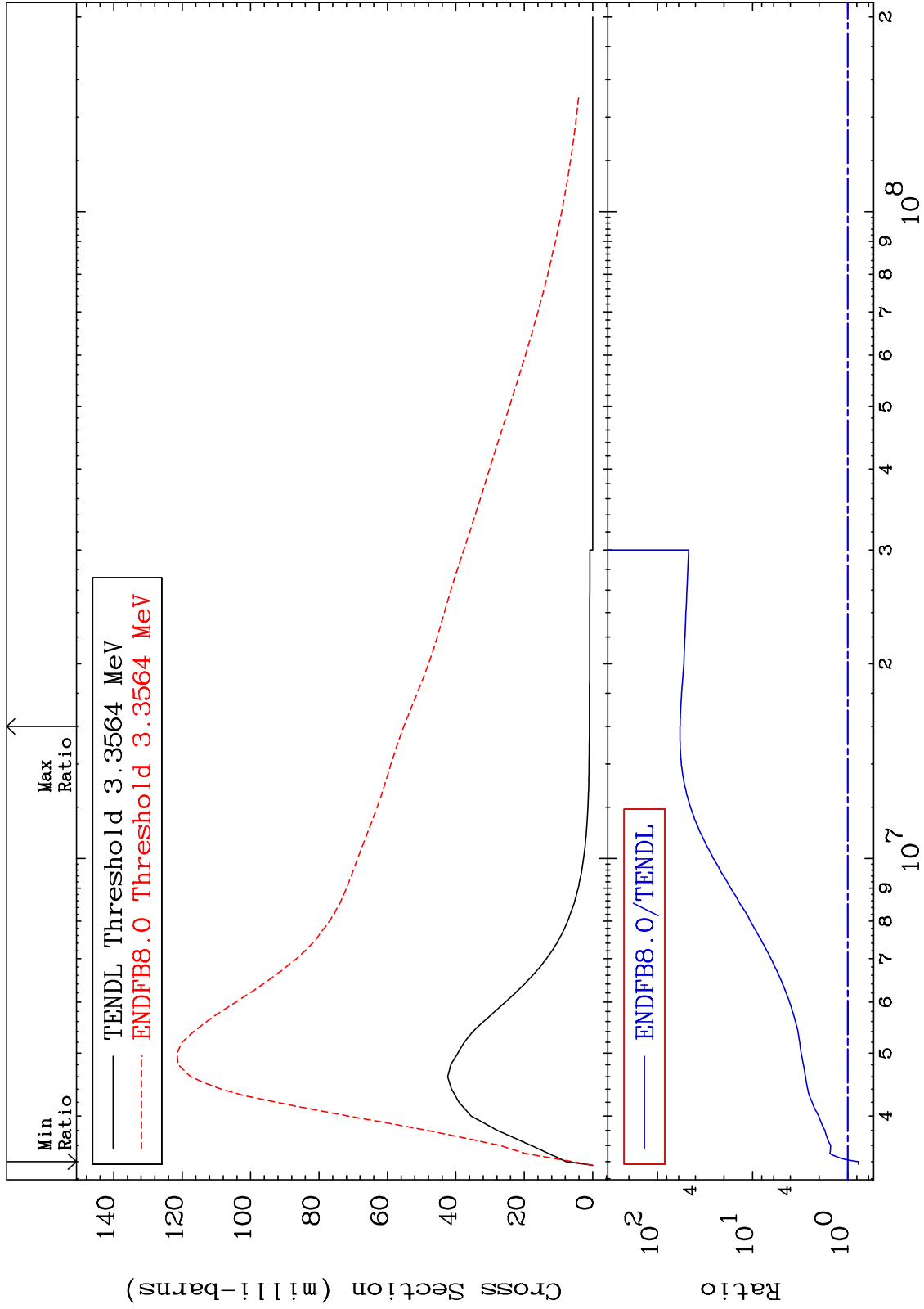
<sup>26</sup>Fe-54  
-76.11 To 61.88 %



MAT 2625

MT= 57 (n,n') Level  
Cross Section

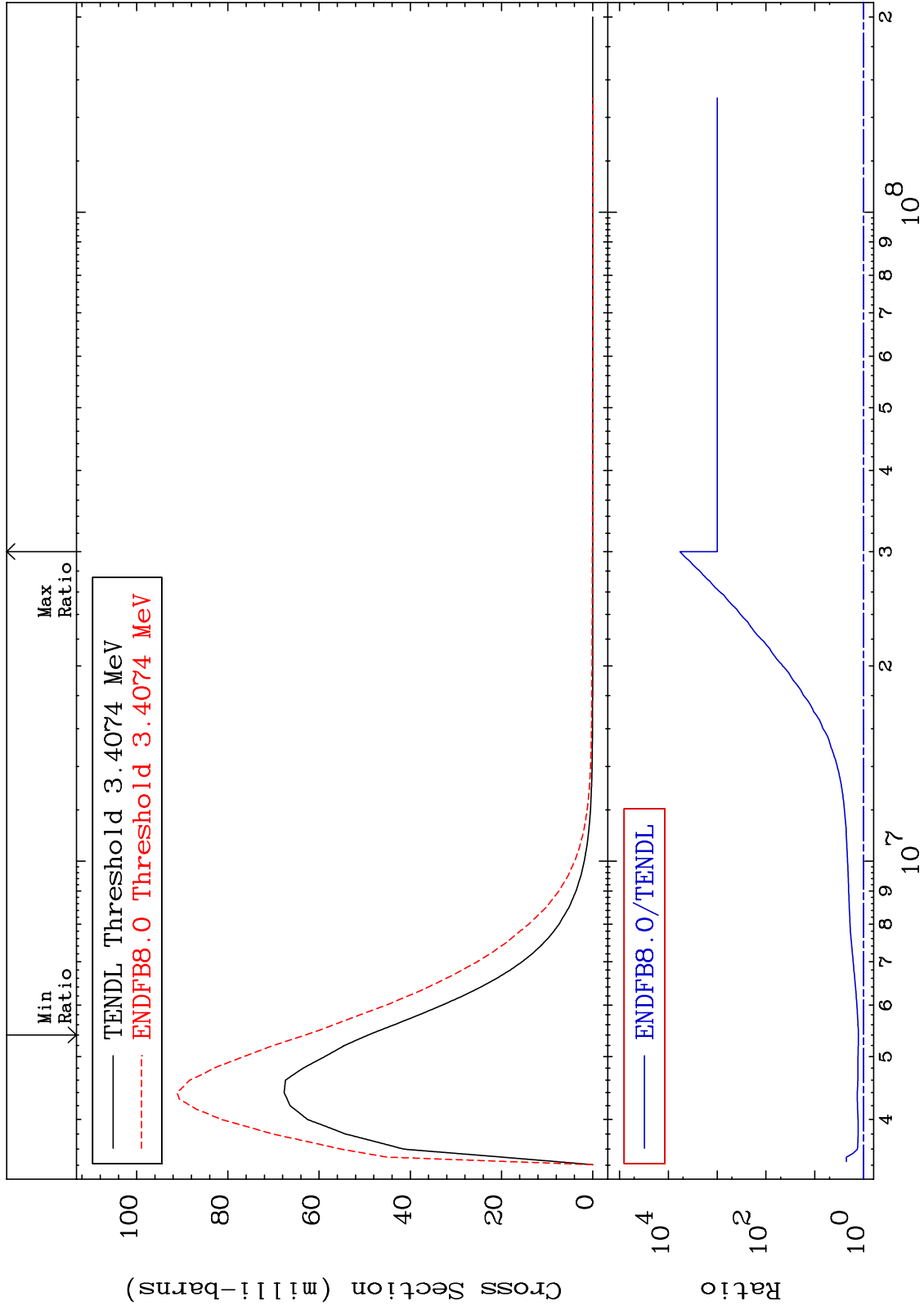
26-Fe-54  
-23.02 To 5701. %



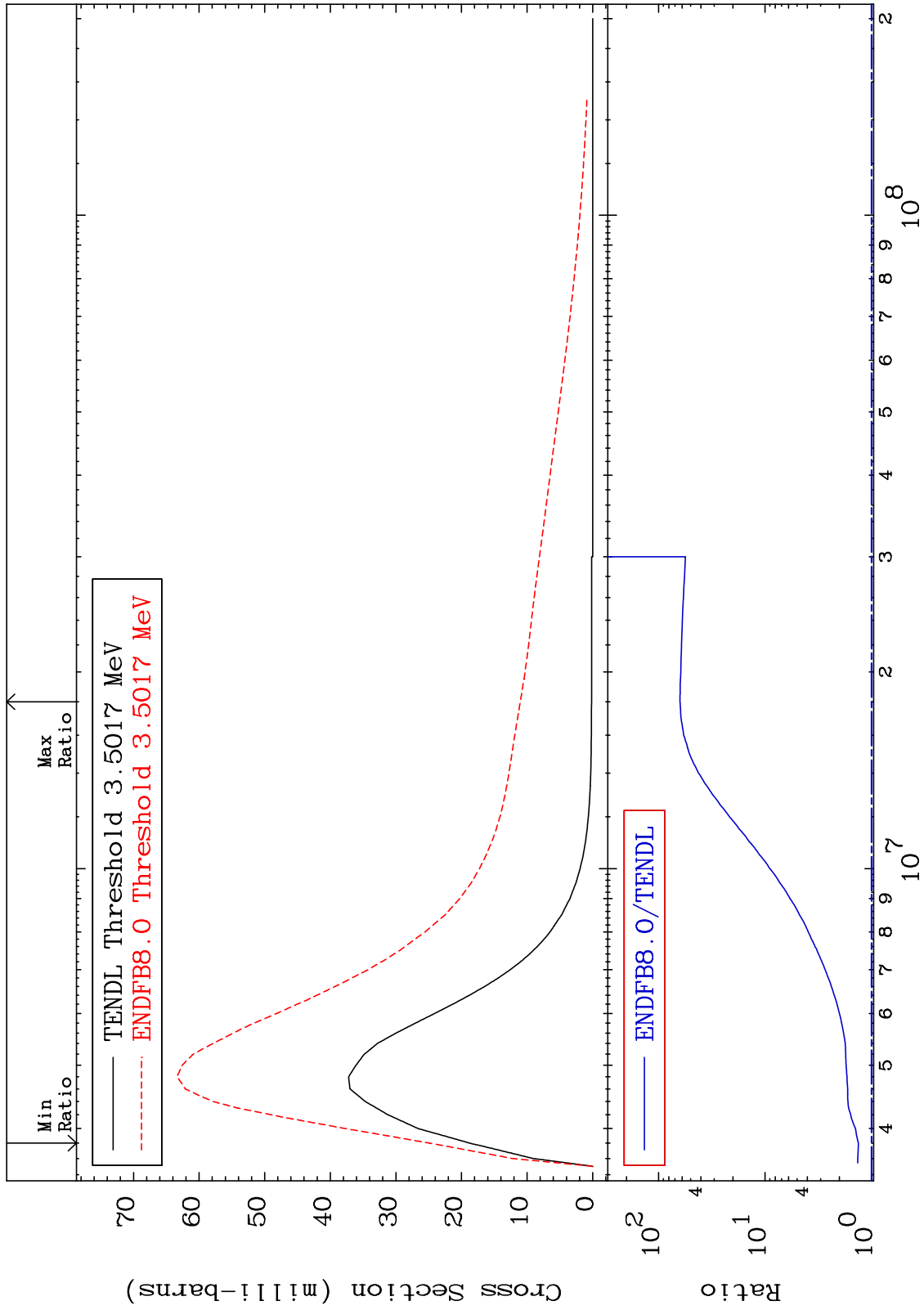
MAT 2625

MT= 58 (n,n') Level  
Cross Section

27.90 To 9999. %  
26-Fe-54



MAT 2625      MT= 59 (n,n') Level Cross Section      26-Fe-54  
 32.81 To 6183. %

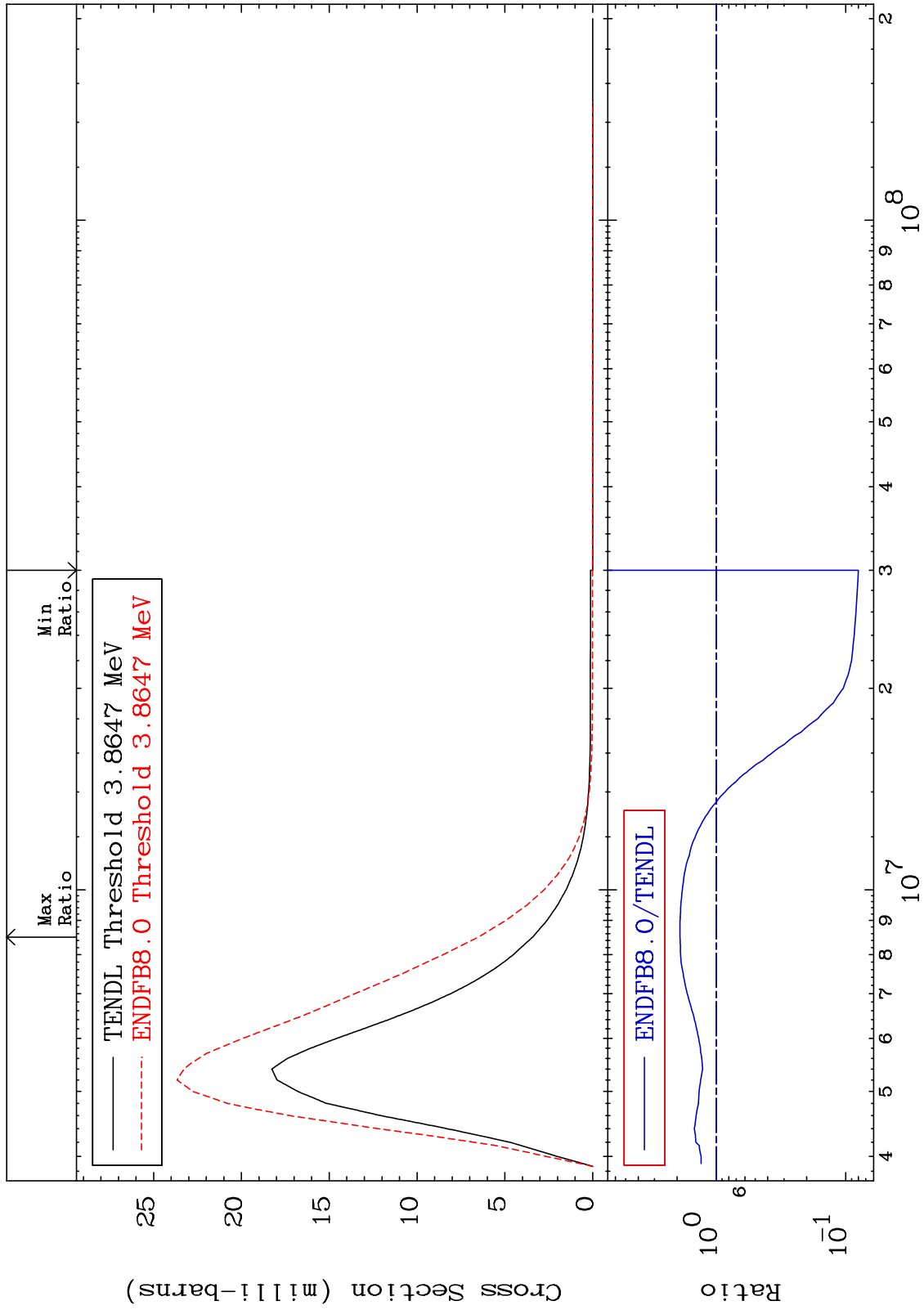


14      Incident Energy (eV)      26-Fe-54

MAT 2625

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

26-Fe-54  
-92.02 To 90.22 %



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Incident Energy (eV)

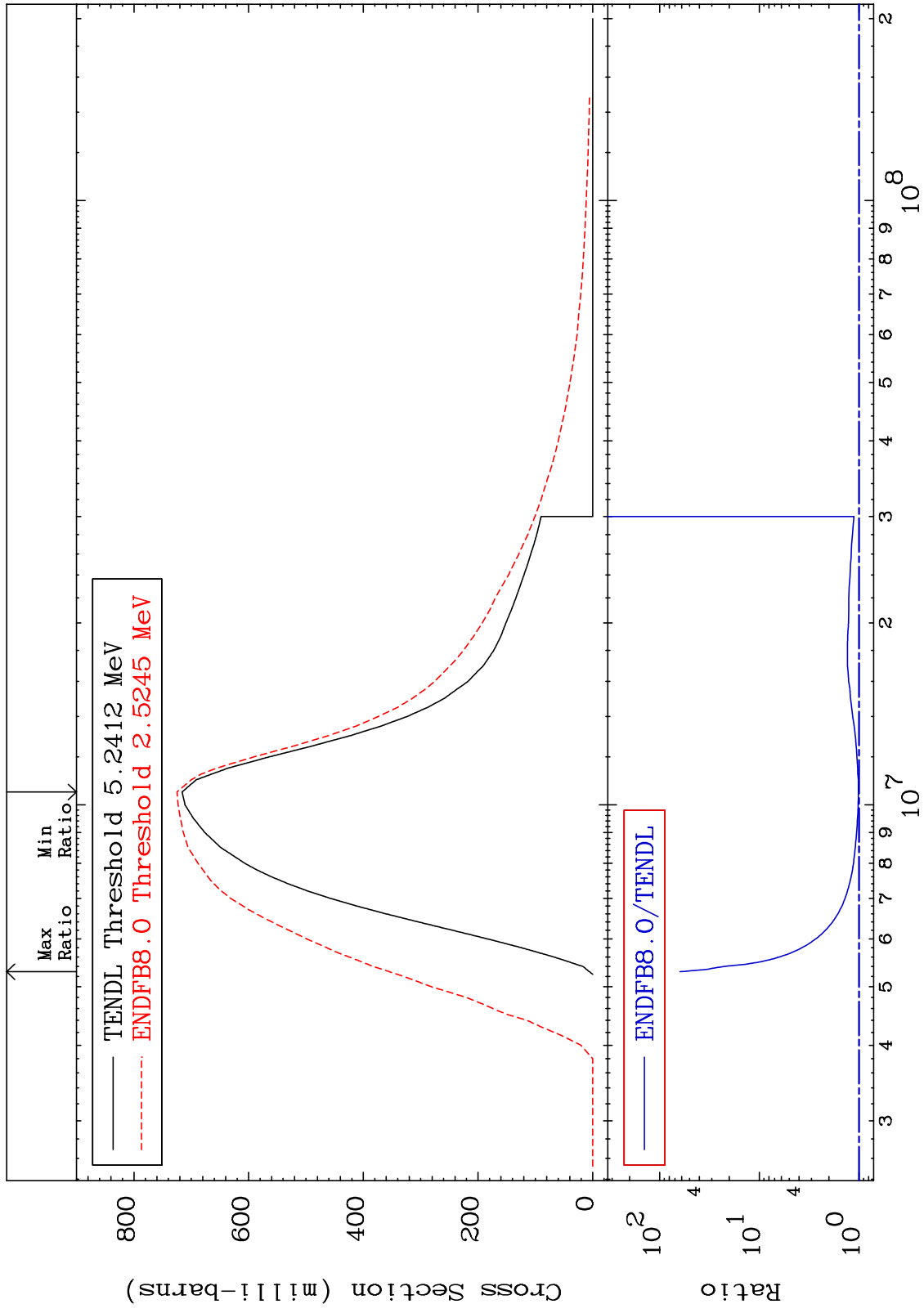
26-Fe-54



MAT 2625

(n,n') Continuum  
Cross Section

26-Fe-54  
1.235 To 6139. %



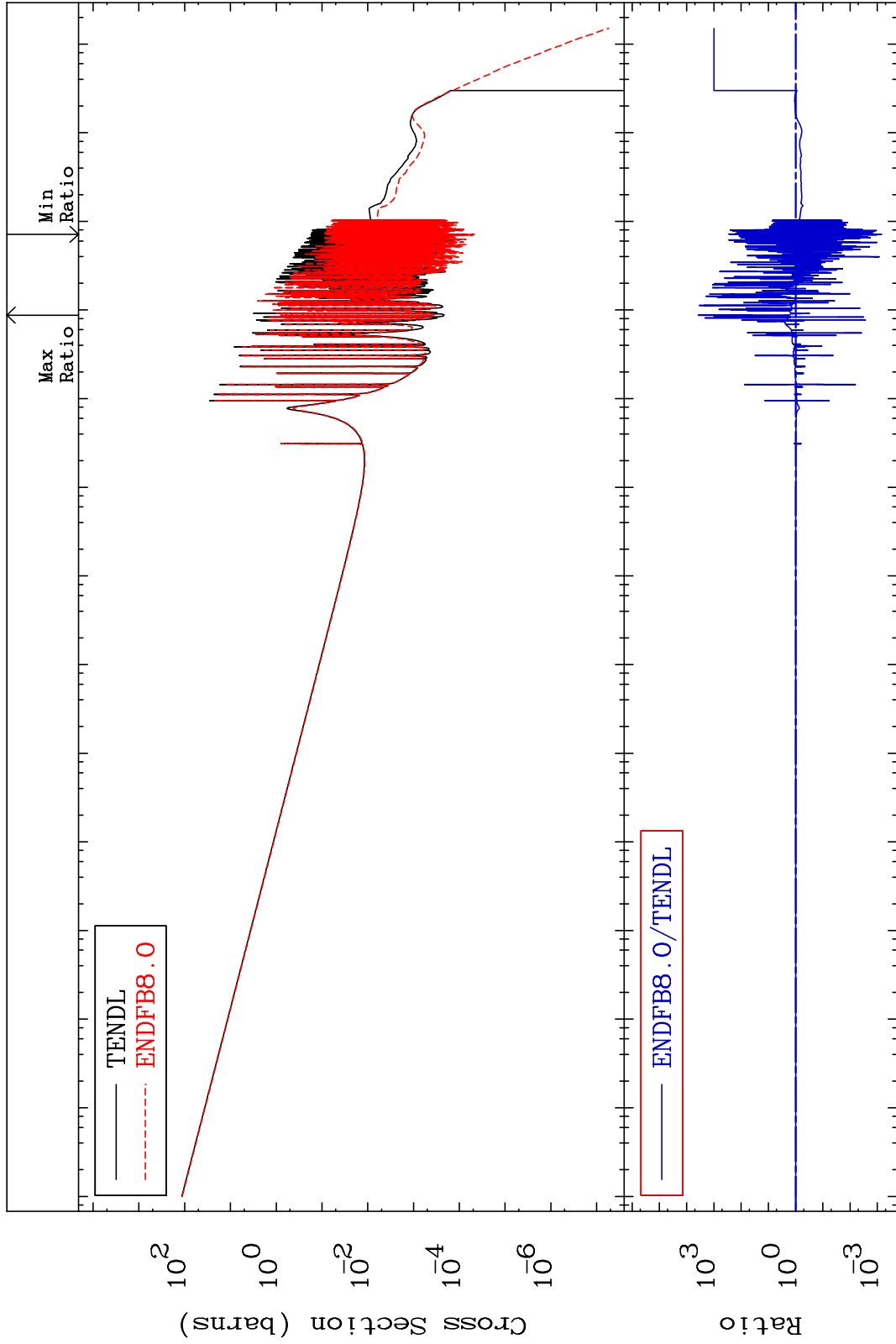
MAT 2625

(n,  $\gamma$ )

<sup>26</sup>Fe-54

Cross Section

-99.93 To 9999. %



Incident Energy (eV)

17

<sup>26</sup>Fe-54

<sup>26</sup>Fe-54

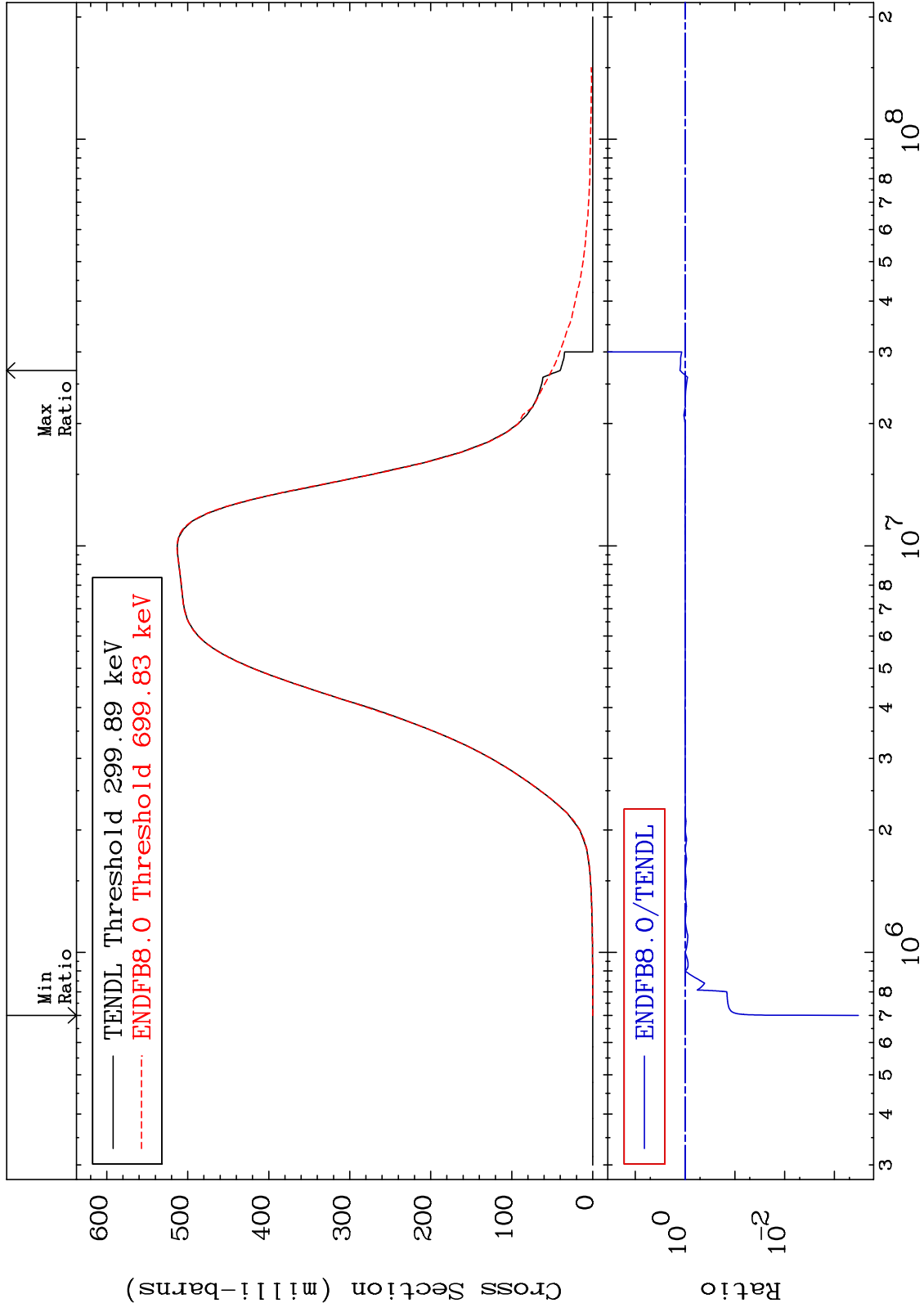
MAT 2625

(n, p)

<sup>26</sup>Fe-54

Cross Section

-99.97 To 26.55 %



18

Incident Energy (eV)

<sup>26</sup>Fe-54

MAT 2625

(n,  $\alpha$ )

<sup>26</sup>Fe-54

Cross Section

Max Ratio

Min Ratio

-100.0 To 9999. %

TENDL Threshold 701.14 keV  
ENDFB8.0 Threshold 937.50 eV

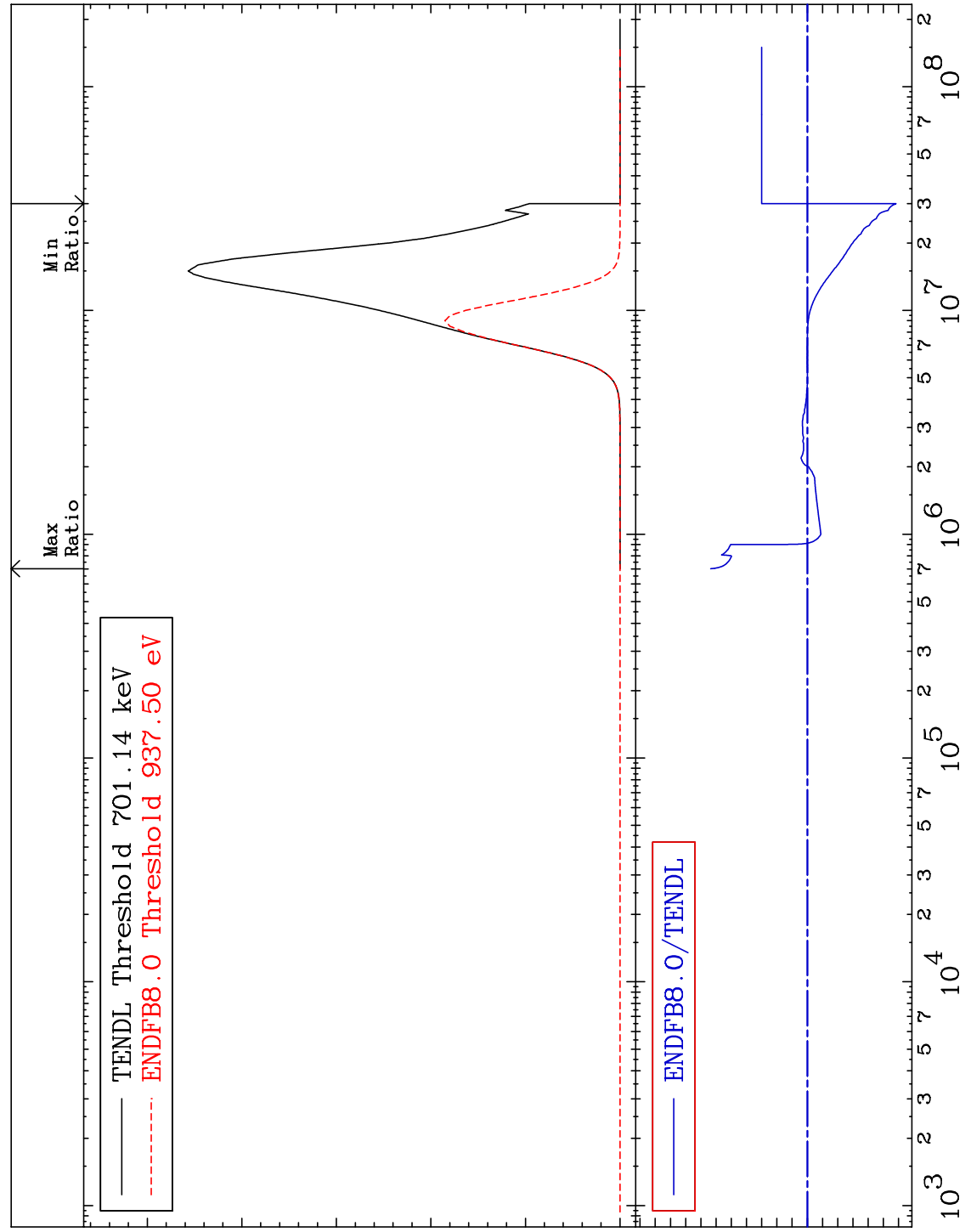
ENDFB8.0/TENDL

Cross Section (milli-barns)

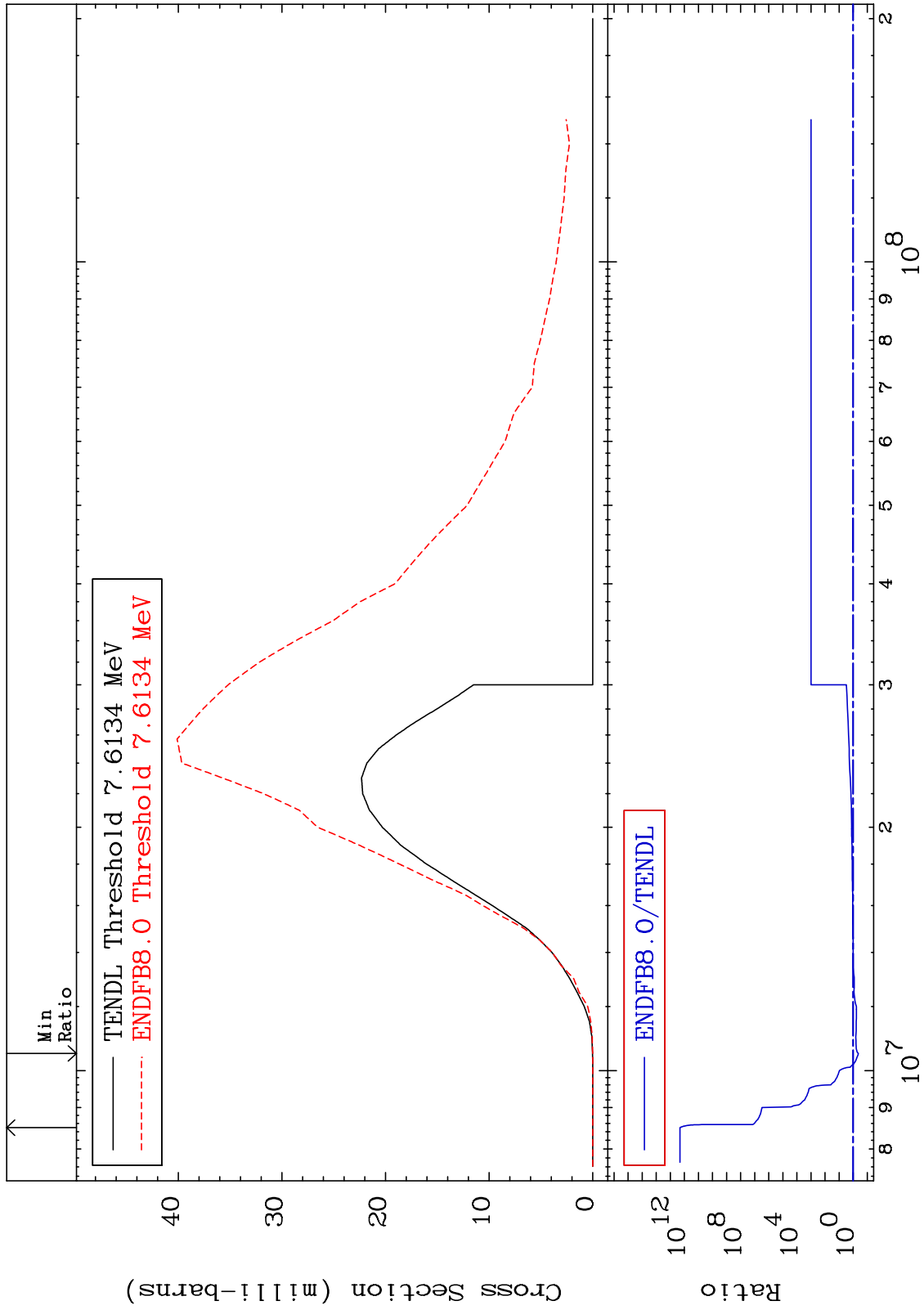
Ratio

Incident Energy (eV)

<sup>26</sup>Fe-54



MAT 2625 (n,2p) Cross Section 26-Fe-54 -57.79 To 9999. %

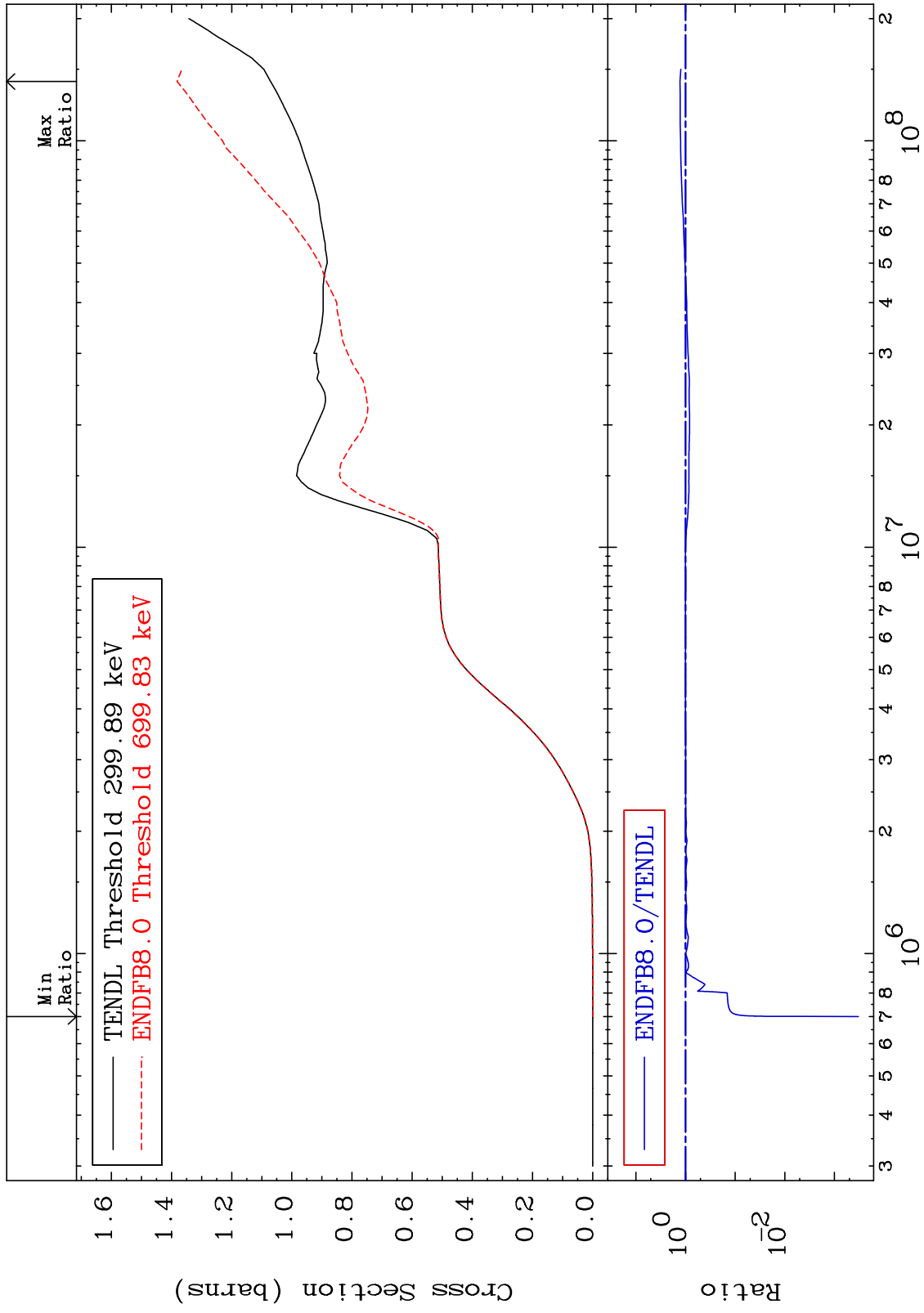


20 Incident Energy (eV) 26-Fe-54

MAT 2625

Hydrogen Production  
Cross Section

26-Fe-54  
-99.97 To 29.03 %



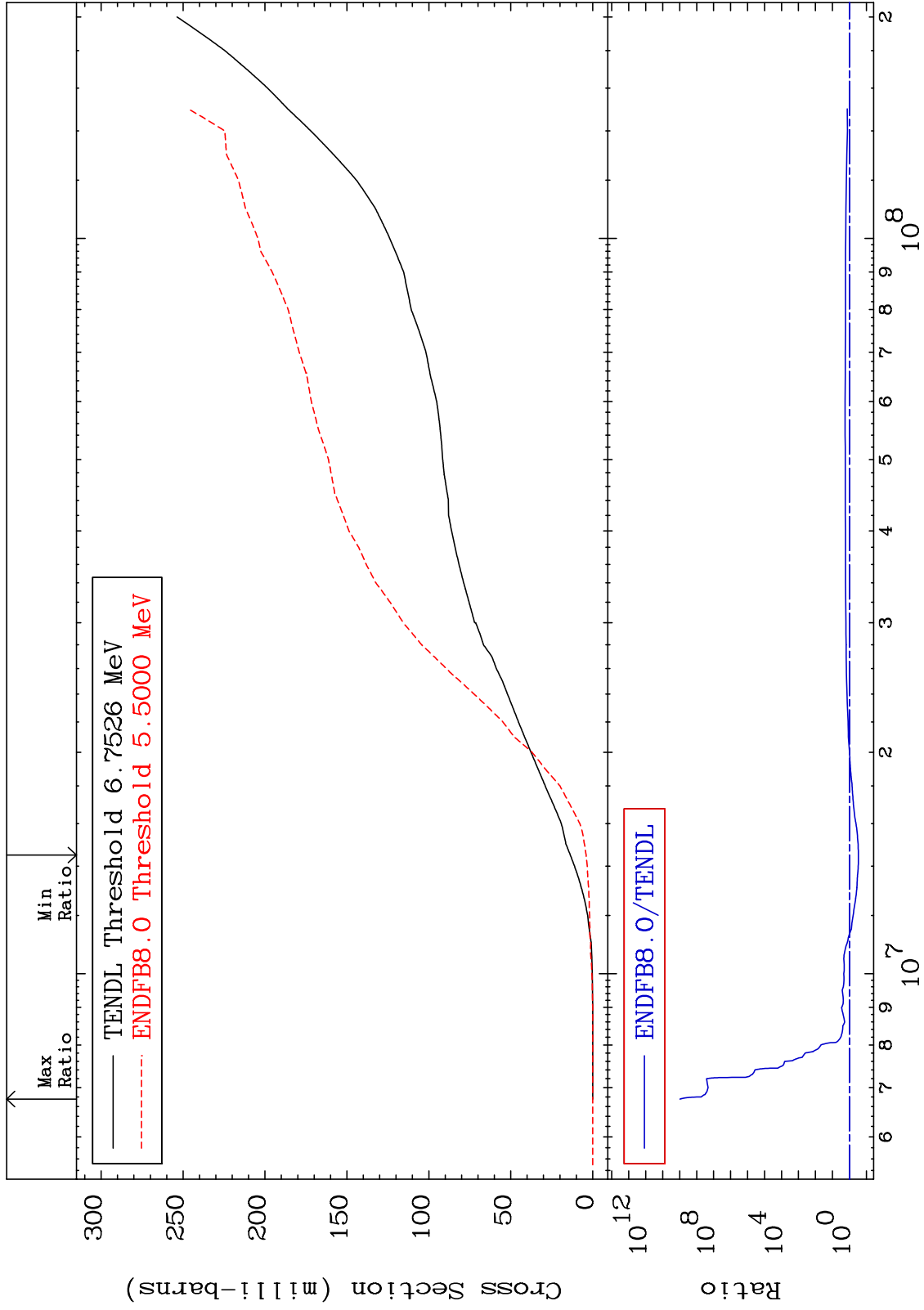
26-Fe-54

Incident Energy (eV)

MAT 2625

Deuterium Production  
Cross Section

<sup>26</sup>Fe-54  
-70.49 To 9999. %



22

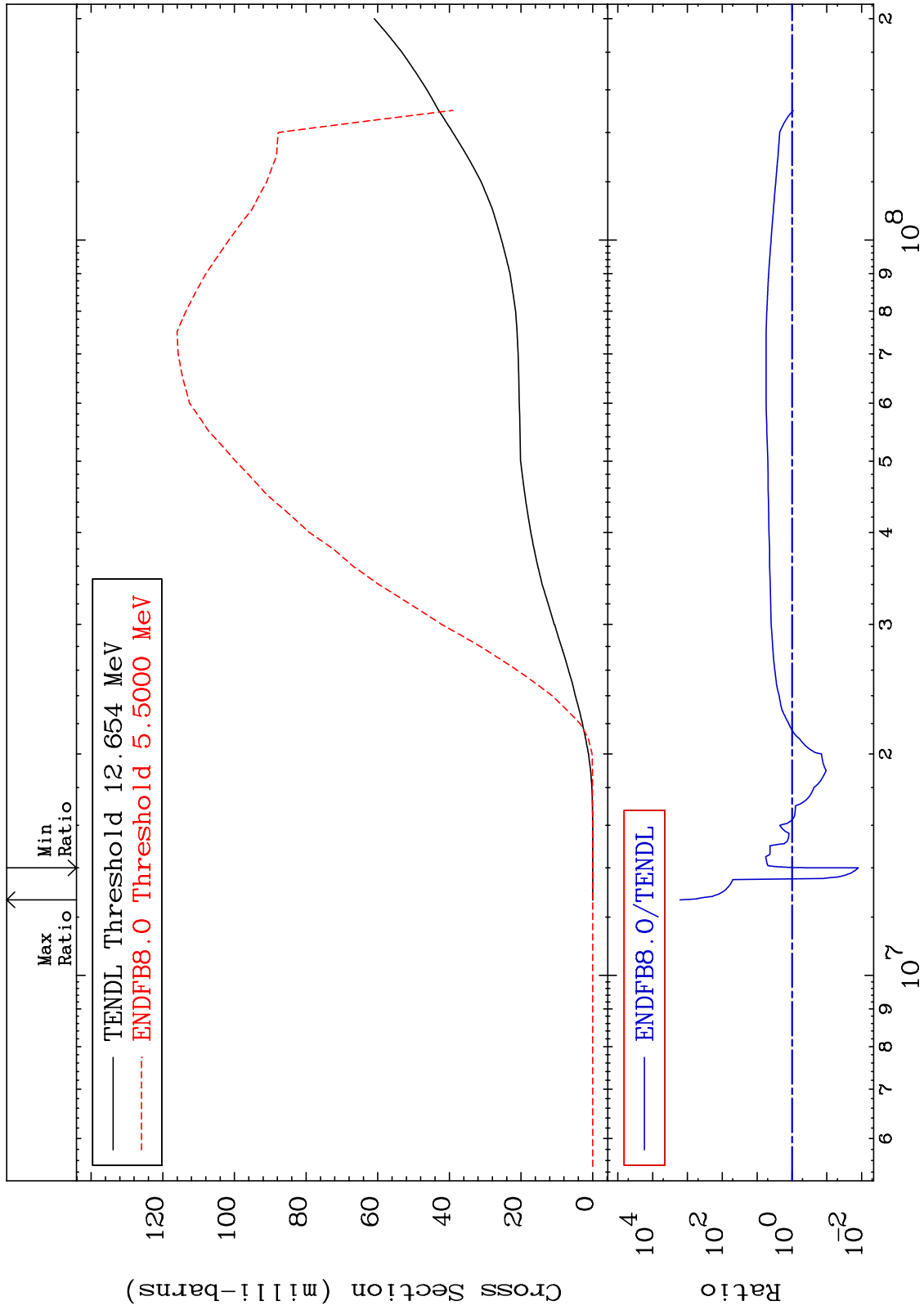
Incident Energy (eV)

<sup>26</sup>Fe-54

MAT 2625

Tritium Production  
Cross Section

<sup>26</sup>Fe-54  
-98.76 To 9999. %



23

Incident Energy (eV)

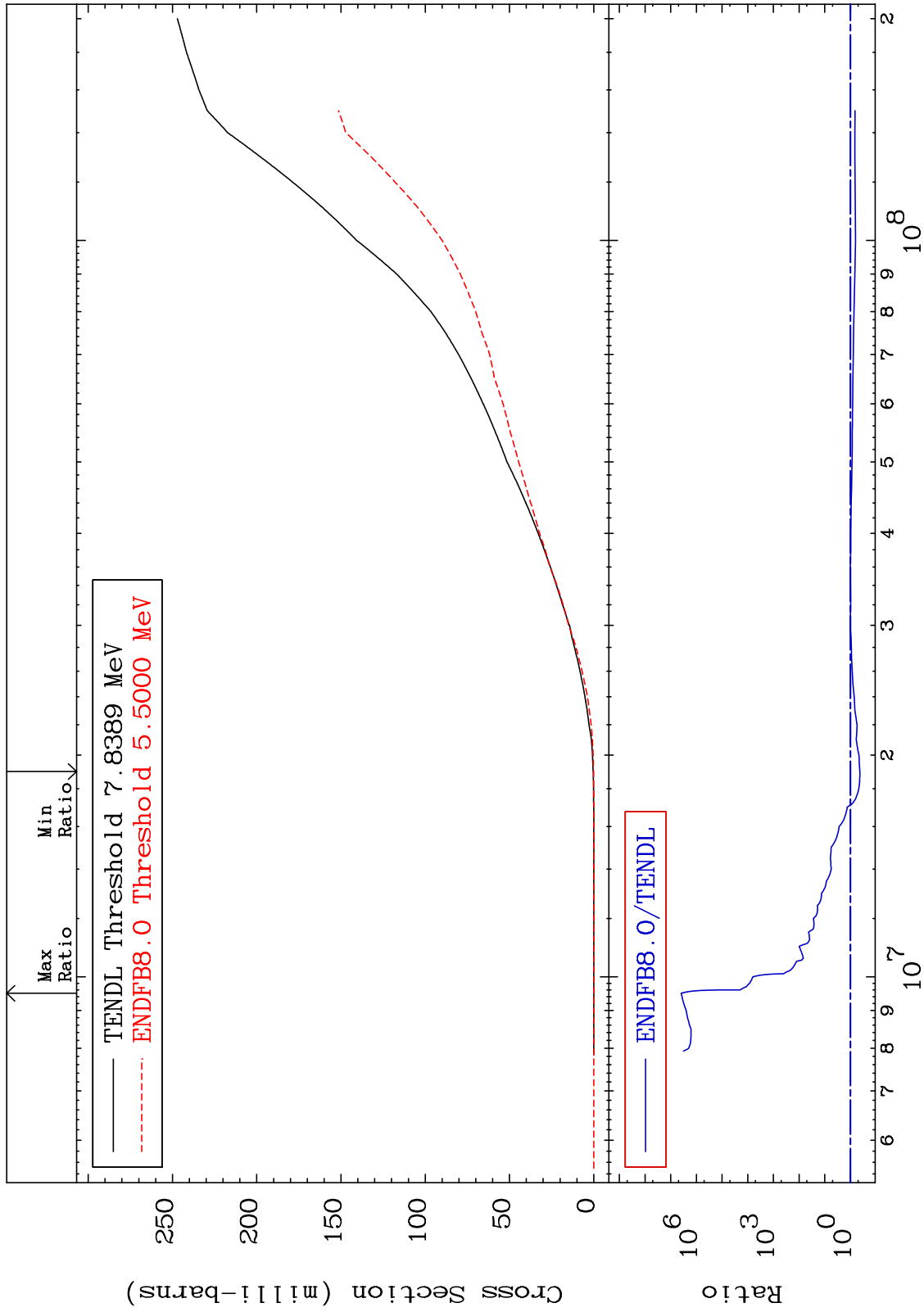
<sup>26</sup>Fe-54



MAT 2625

He-3 Production  
Cross Section

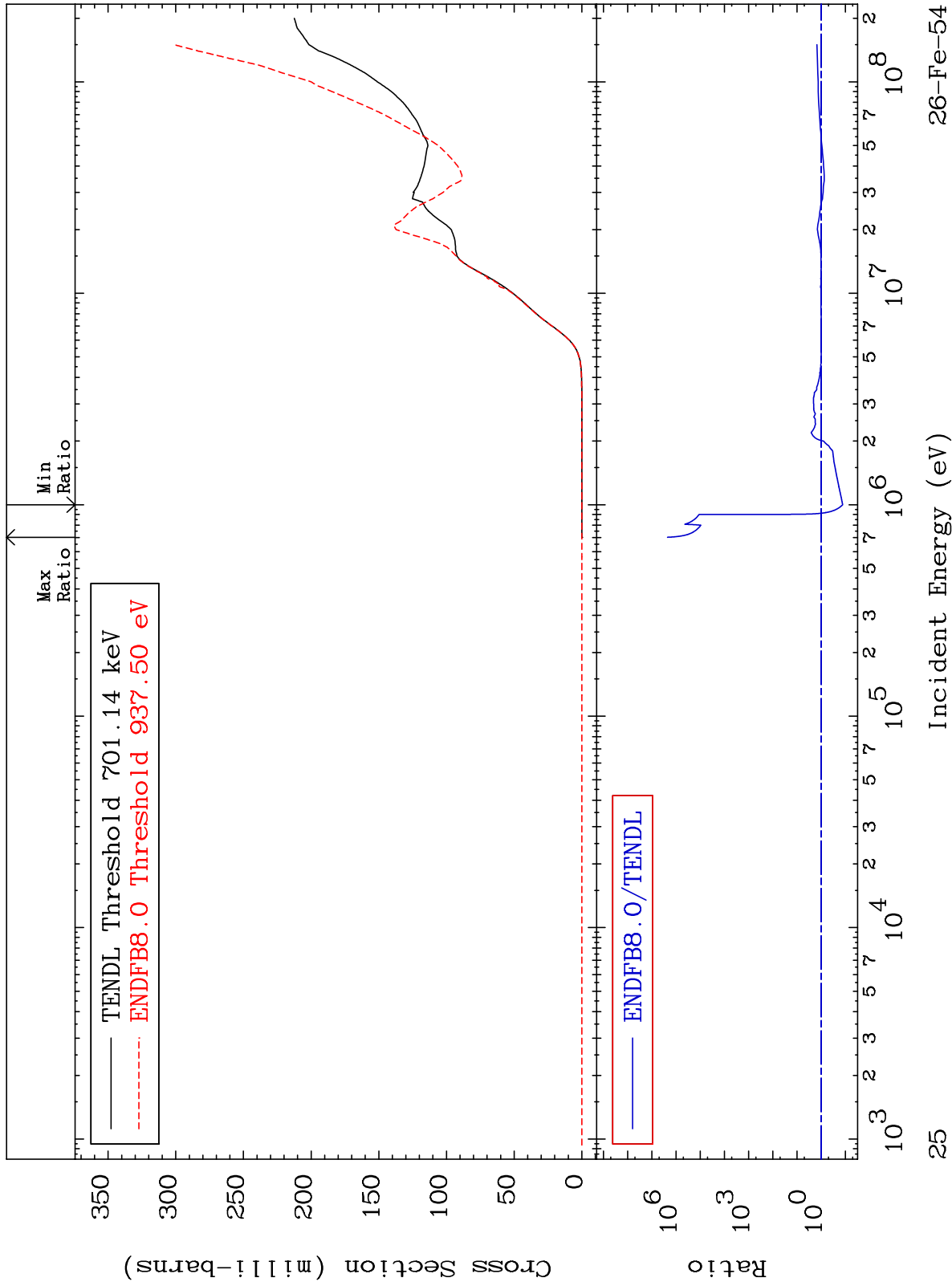
<sup>26</sup>Fe-54  
-57.35 To 9999. %



MAT 2625

He-4 Production  
Cross Section

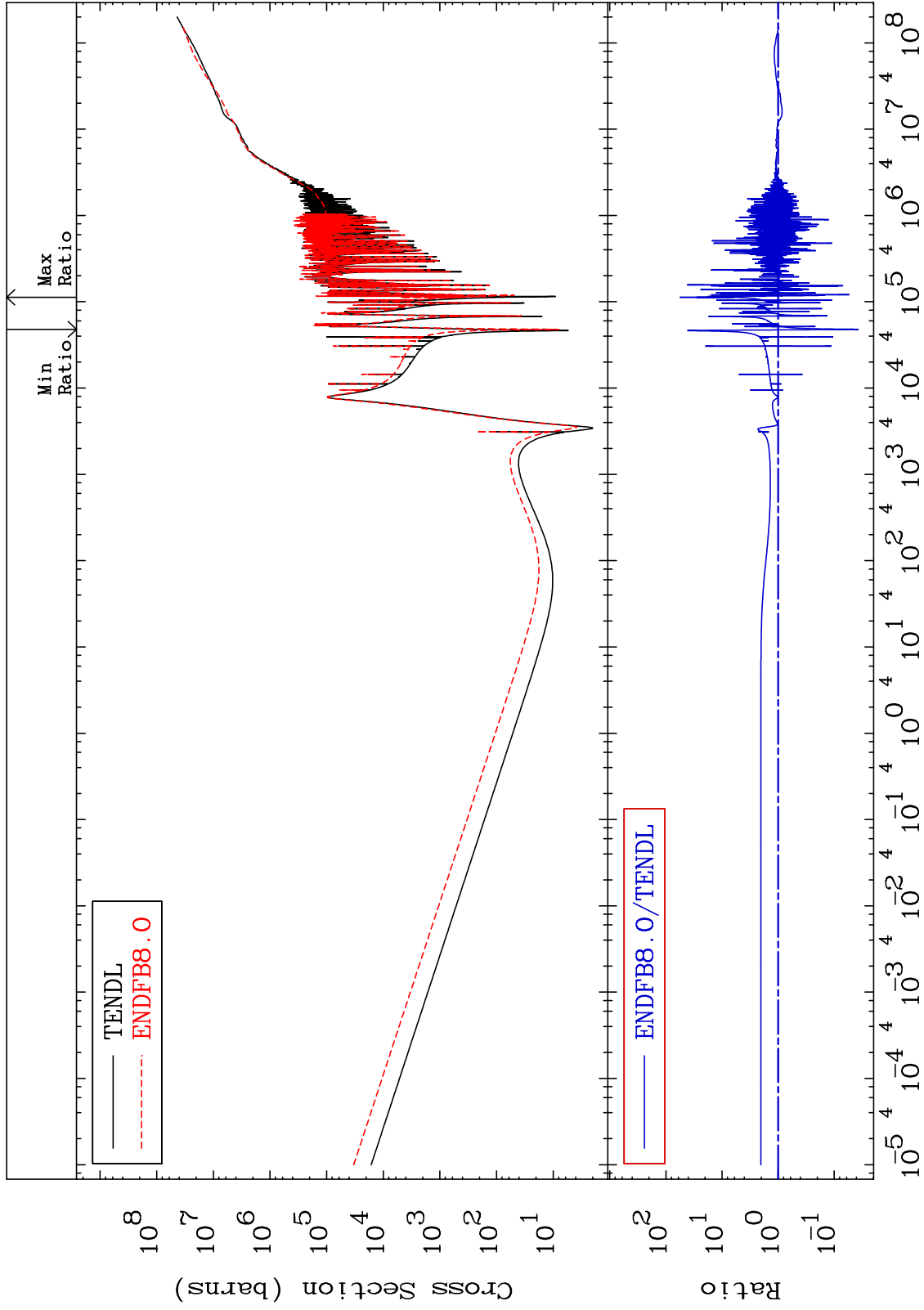
<sup>26</sup>Fe-54  
-87.13 To 9999. %



MAT 2625

Kerma total (eV-barns)  
Cross Section

26-Fe-54  
-96.30 To 5502. %



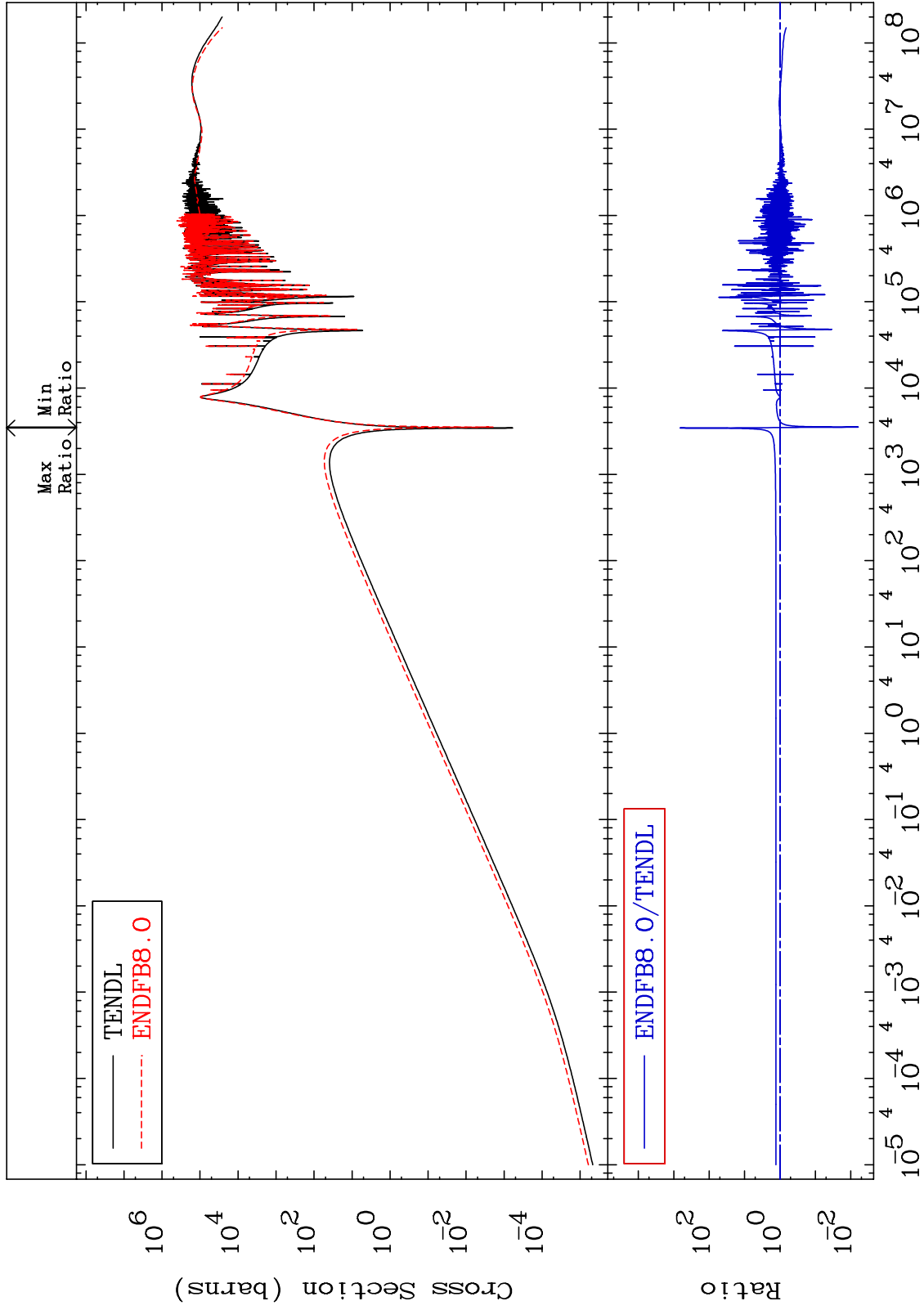
26

26-Fe-54

MAT 2625

Kerma elastic  
Cross Section

26-Fe-54  
-99.39 To 9999. %



27

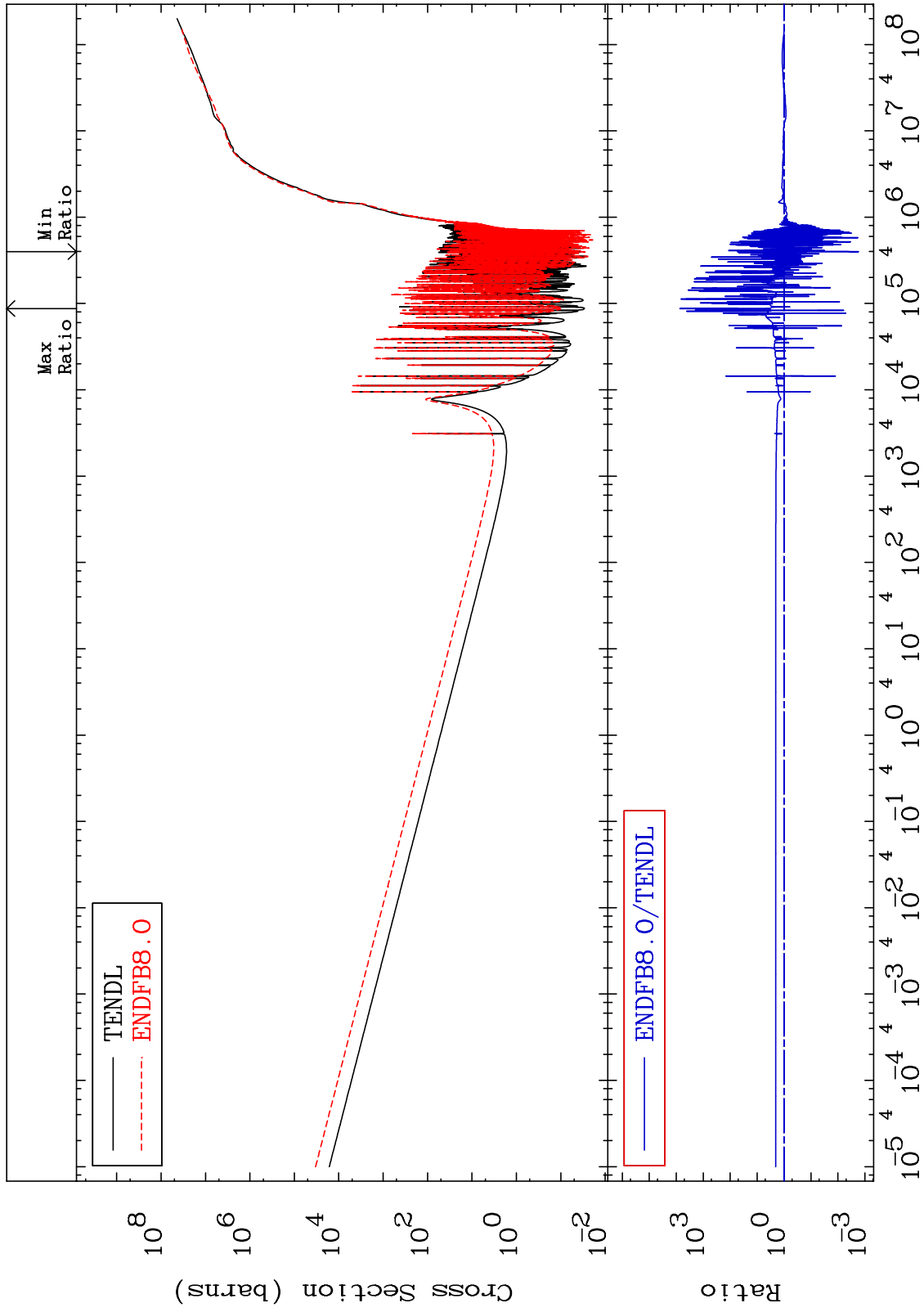
Incident Energy (eV)

26-Fe-54

MAT 2625

Kerma non-elastic (all but mt2)  
Cross Section

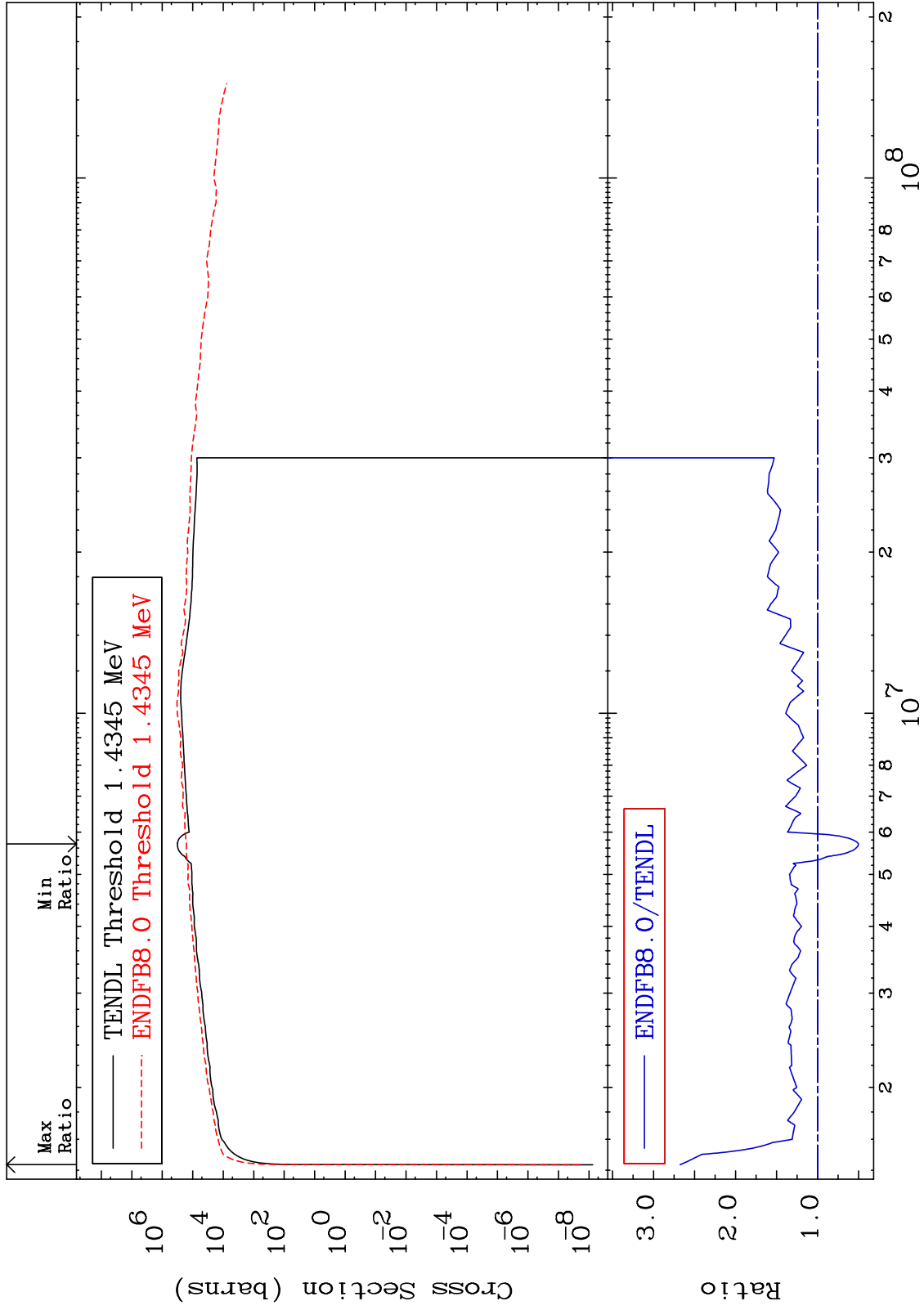
26-Fe-54  
-99.83 To 9999. %



MAT 2625

Kerma inelastic (mt51-91)  
Cross Section

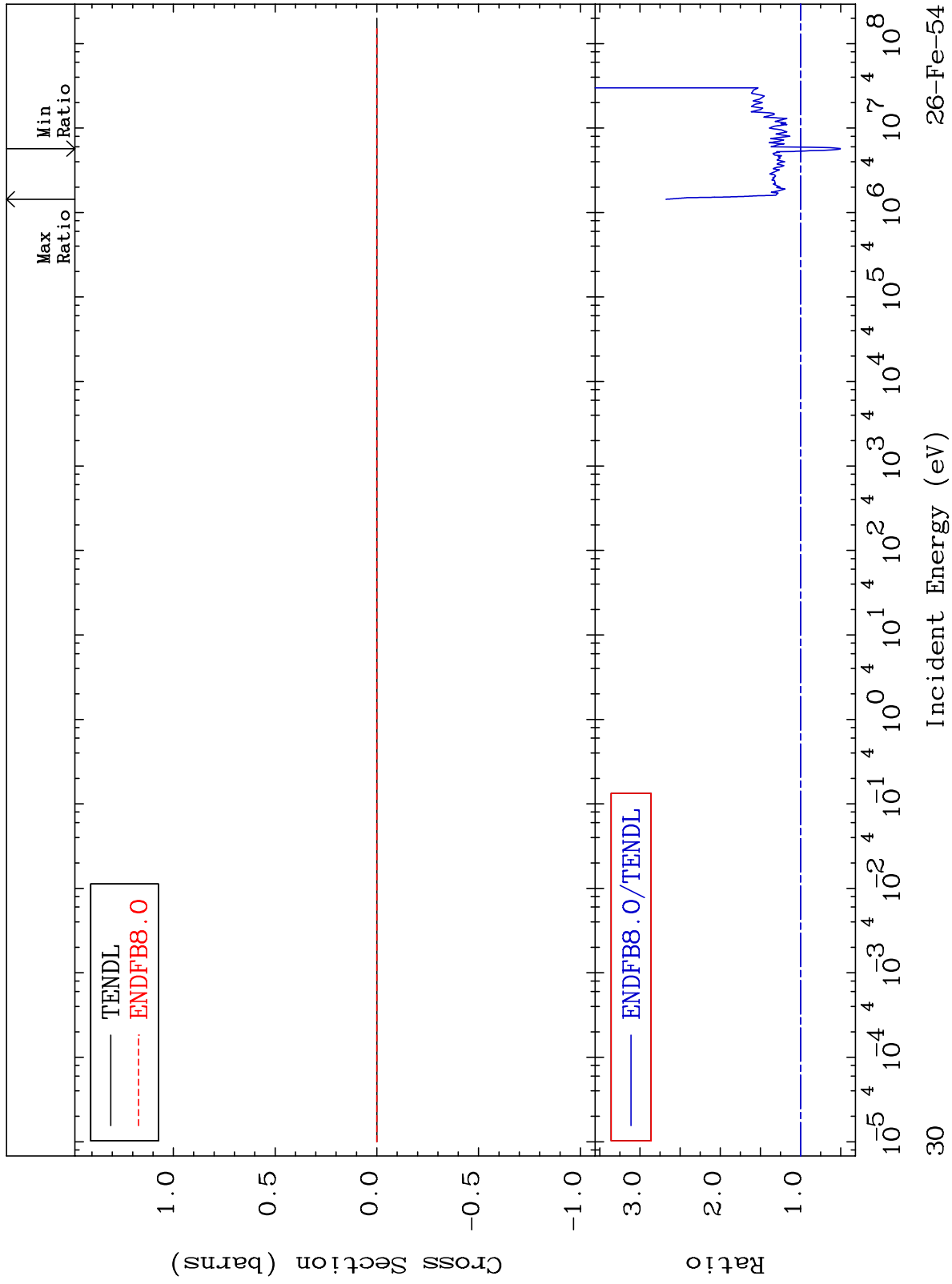
26-Fe-54  
-49.77 To 167.6 %



MAT 2625

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

26-Fe-54  
-49.77 To 167.6 %



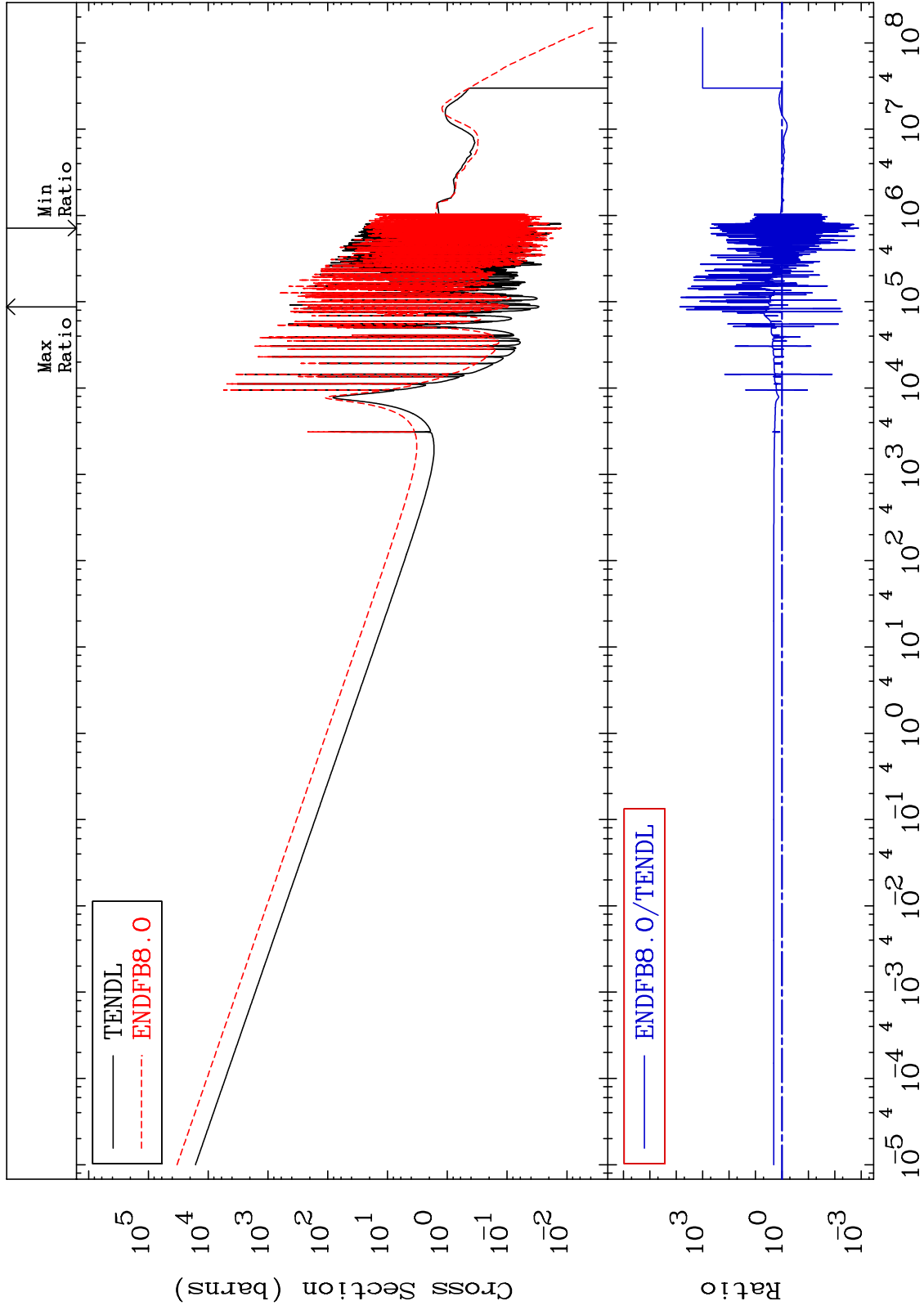
30

26-Fe-54

MAT 2625

Kerma capture (mt102)  
Cross Section

26-Fe-54  
-99.87 To 9999. %

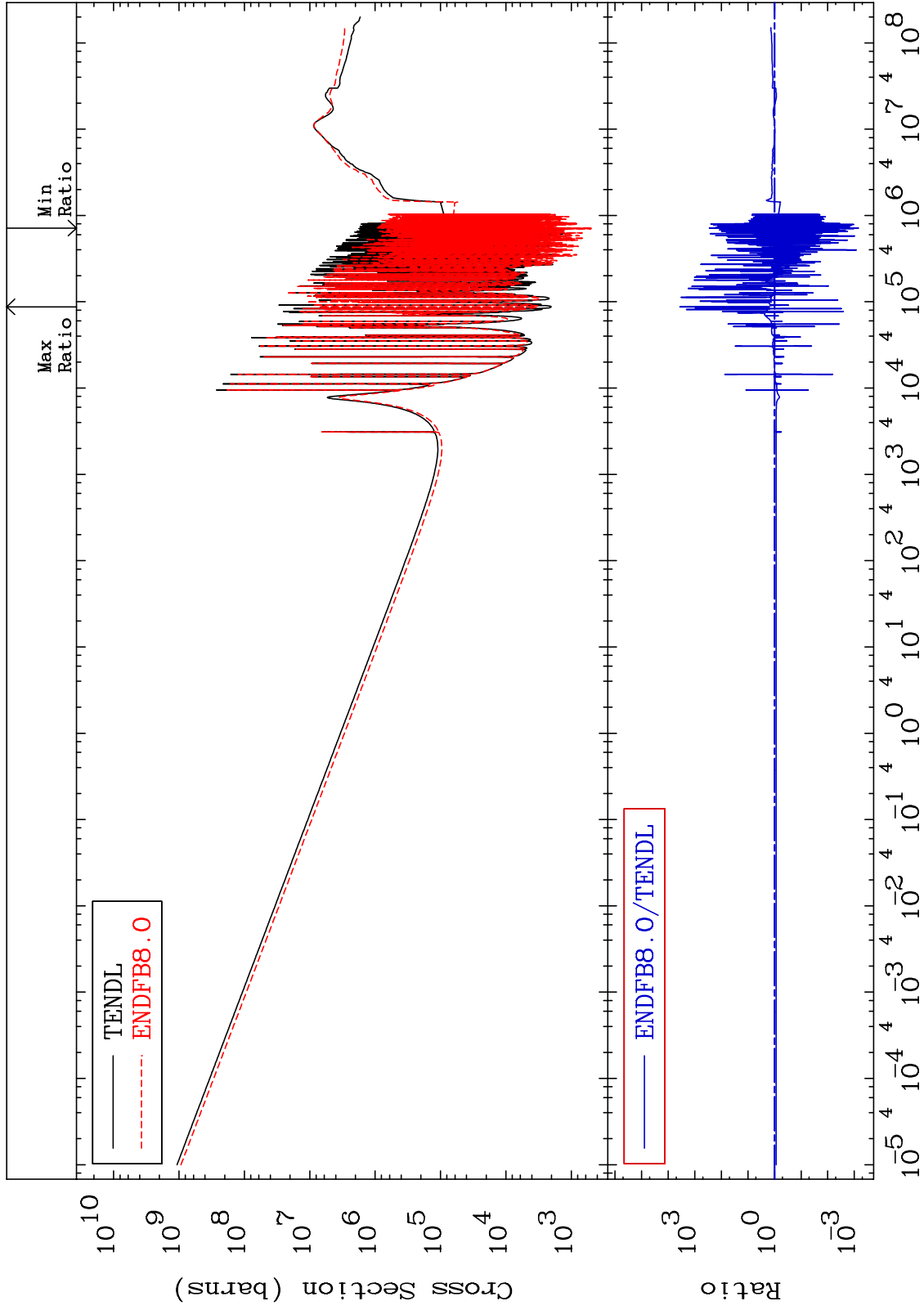




MAT 2625

Total photon (eV-barns)  
Cross Section

26-Fe-54  
-99.93 To 9999. %



32

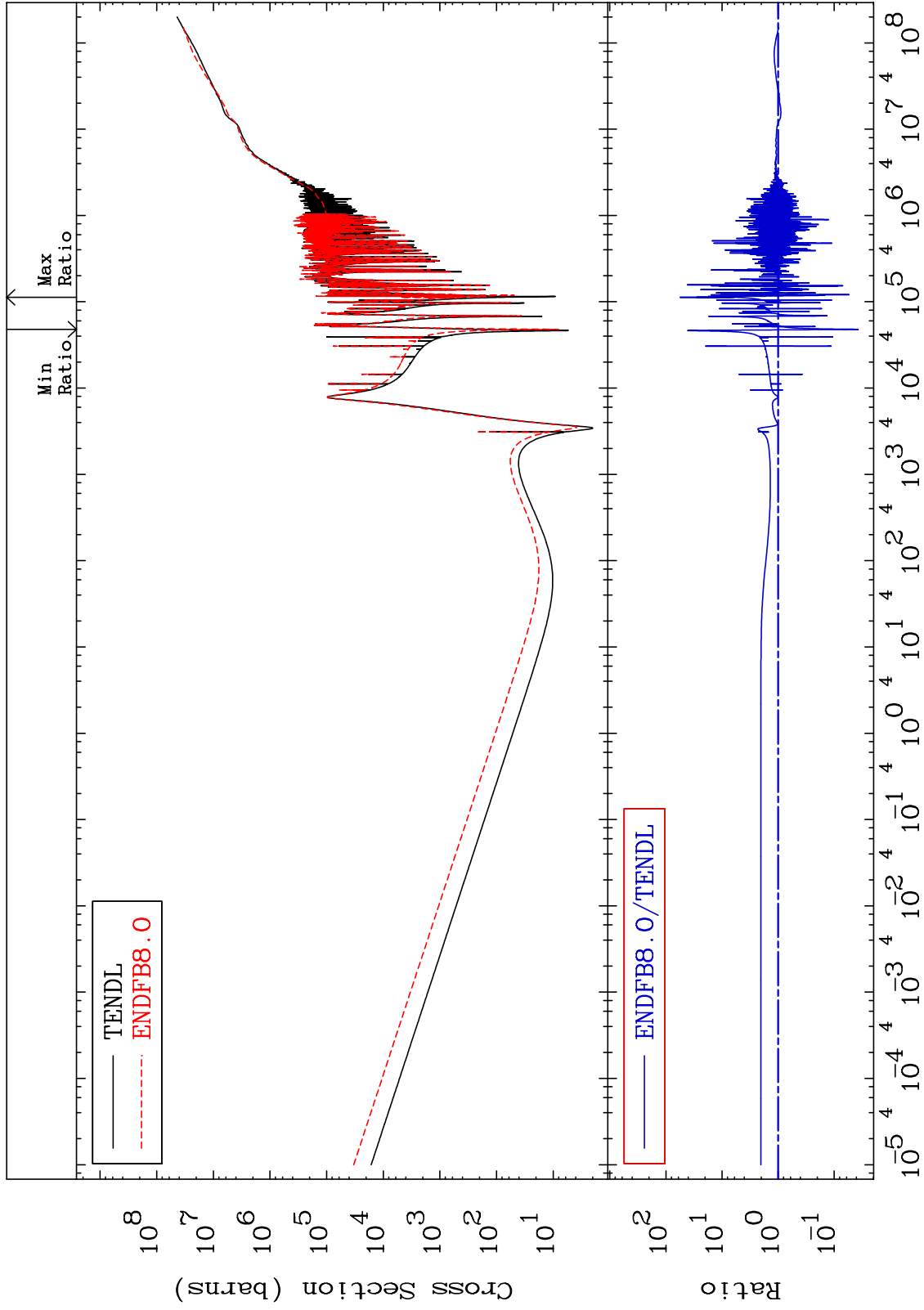
Incident Energy (eV)

26-Fe-54

MAT 2625

Total kinematic kerma (high limit)  
Cross Section

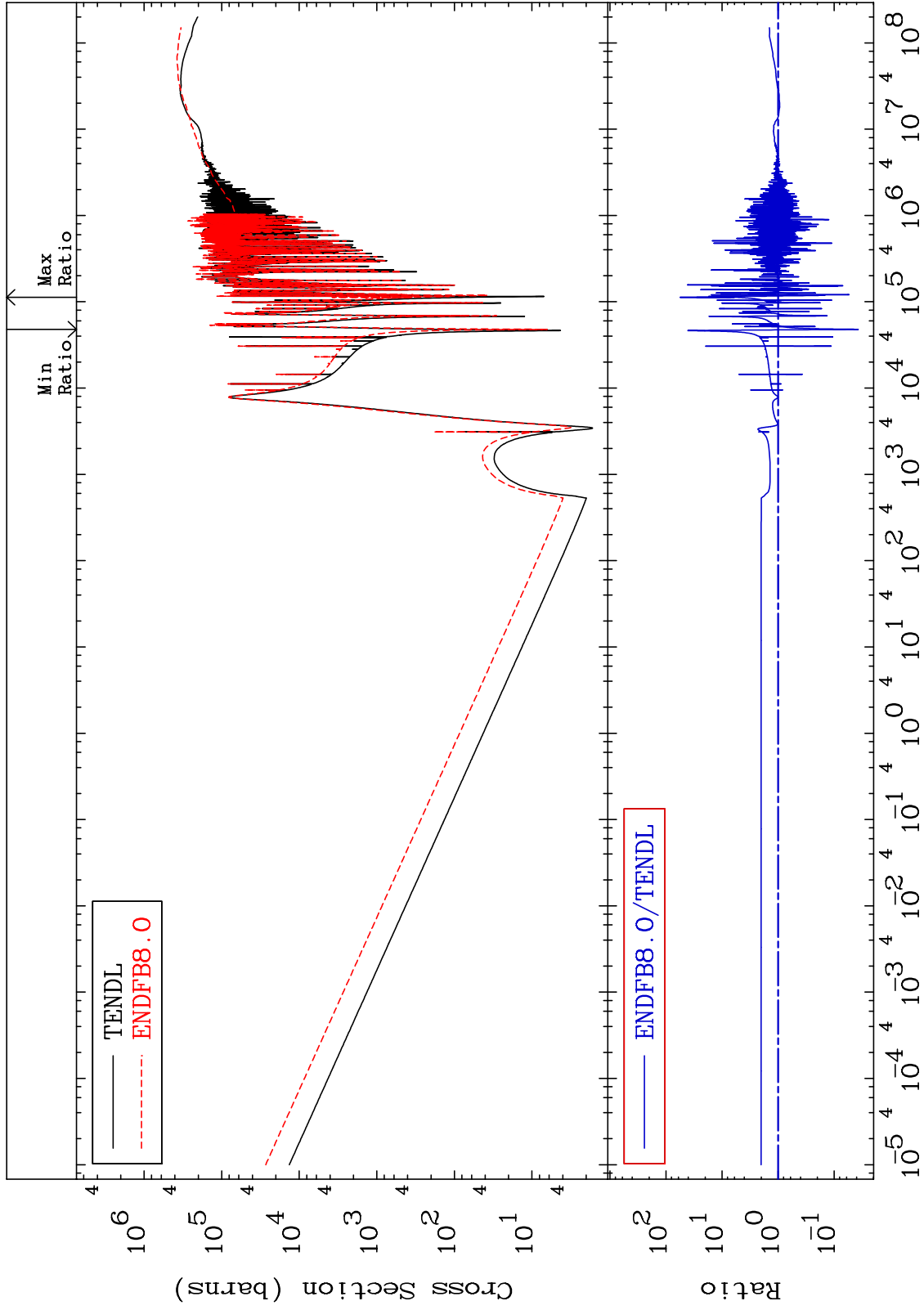
26-Fe-54  
-96.30 To 5502. %



MAT 2625

Dpa total (eV-barns)  
Cross Section

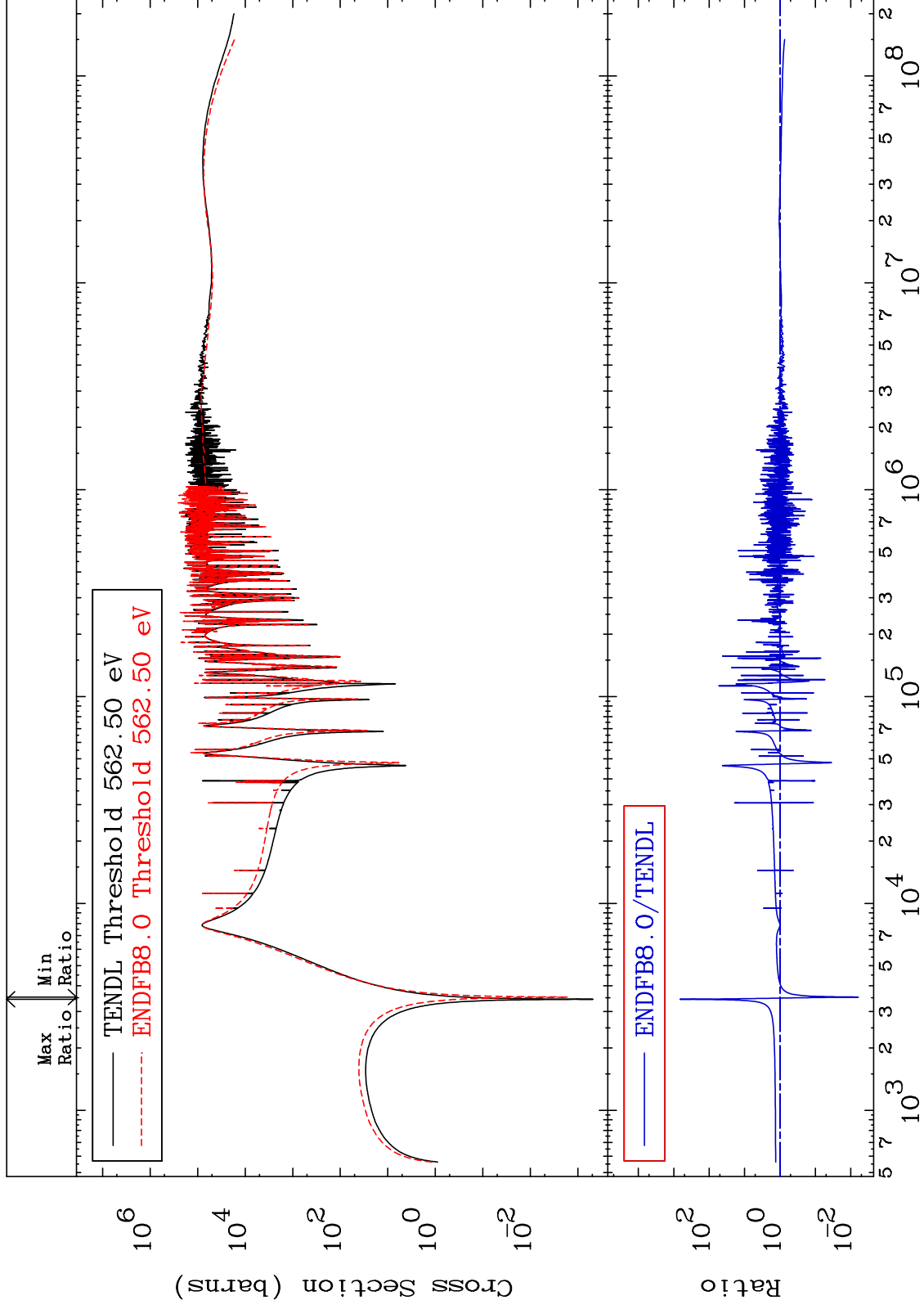
26-Fe-54  
-96.29 To 5520. %



MAT 2625

Dpa elastic (mt2)  
Cross Section

26-Fe-54  
-99.39 To 9999. %



35

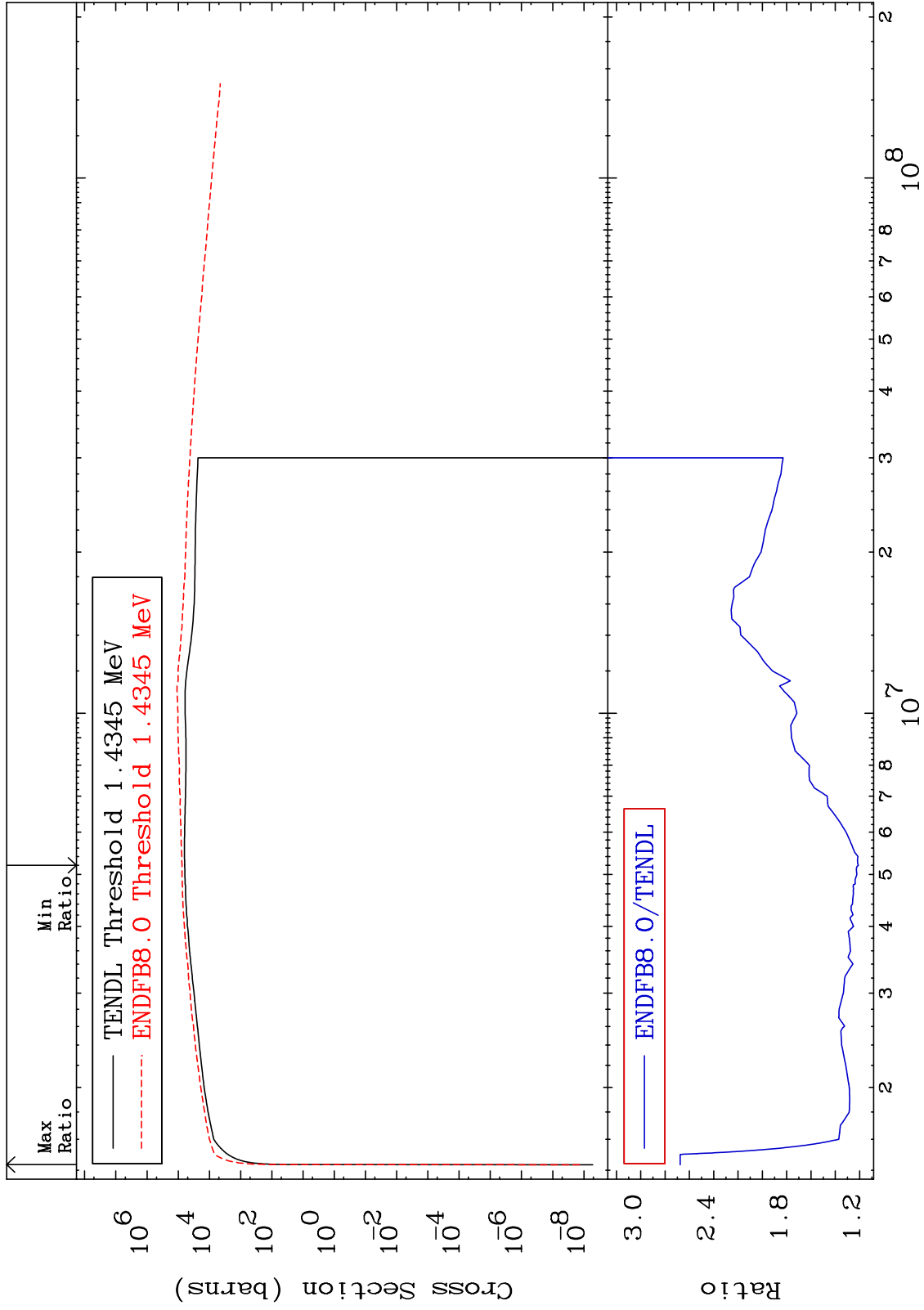
26-Fe-54

26-Fe-54

MAT 2625

Dpa inelastic (mt51-91)  
Cross Section

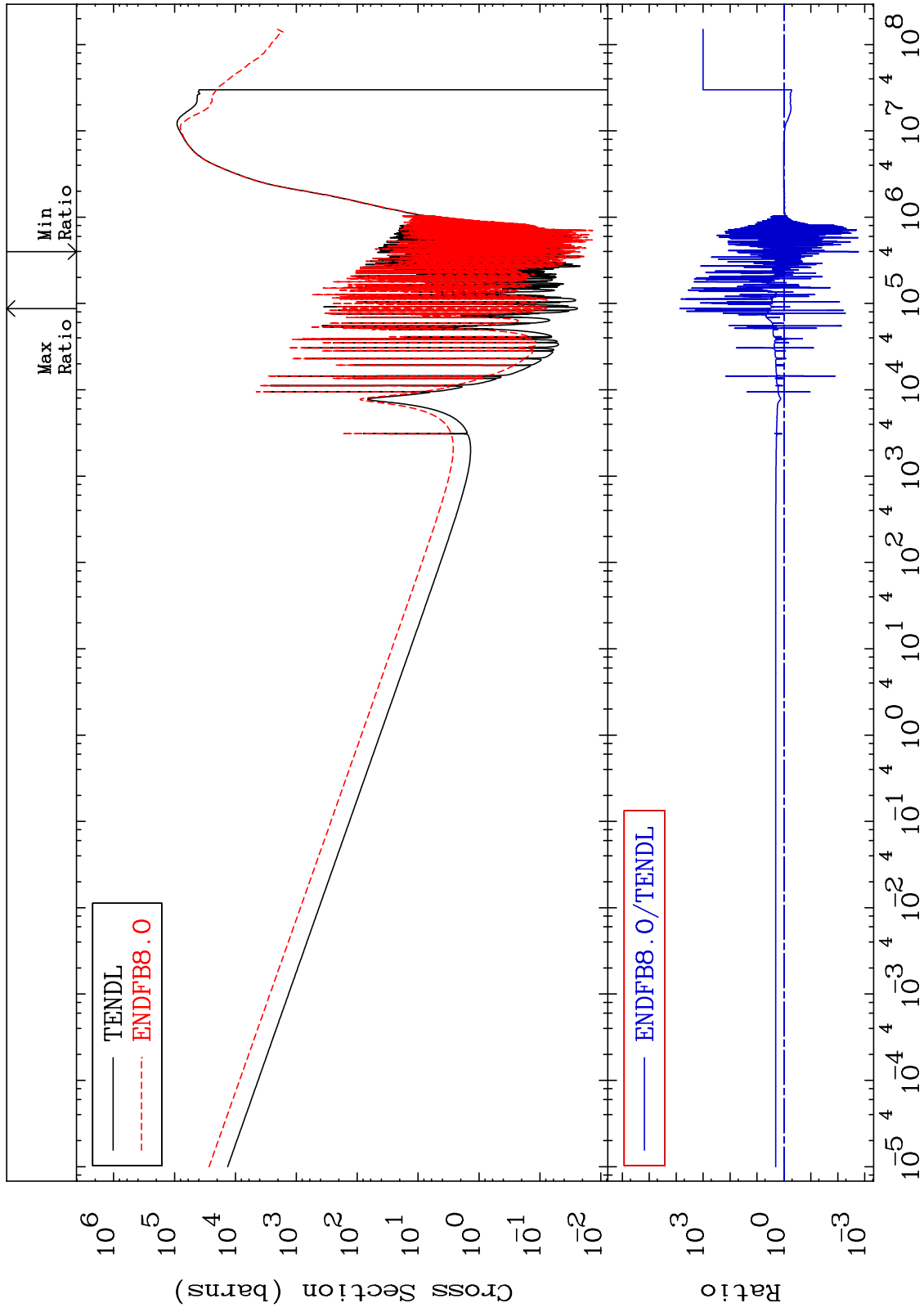
21.01 To 167.7 %  
26-Fe-54



MAT 2625

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-54  
-99.83 To 9999. %



37

Incident Energy (eV)

26-Fe-54