

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

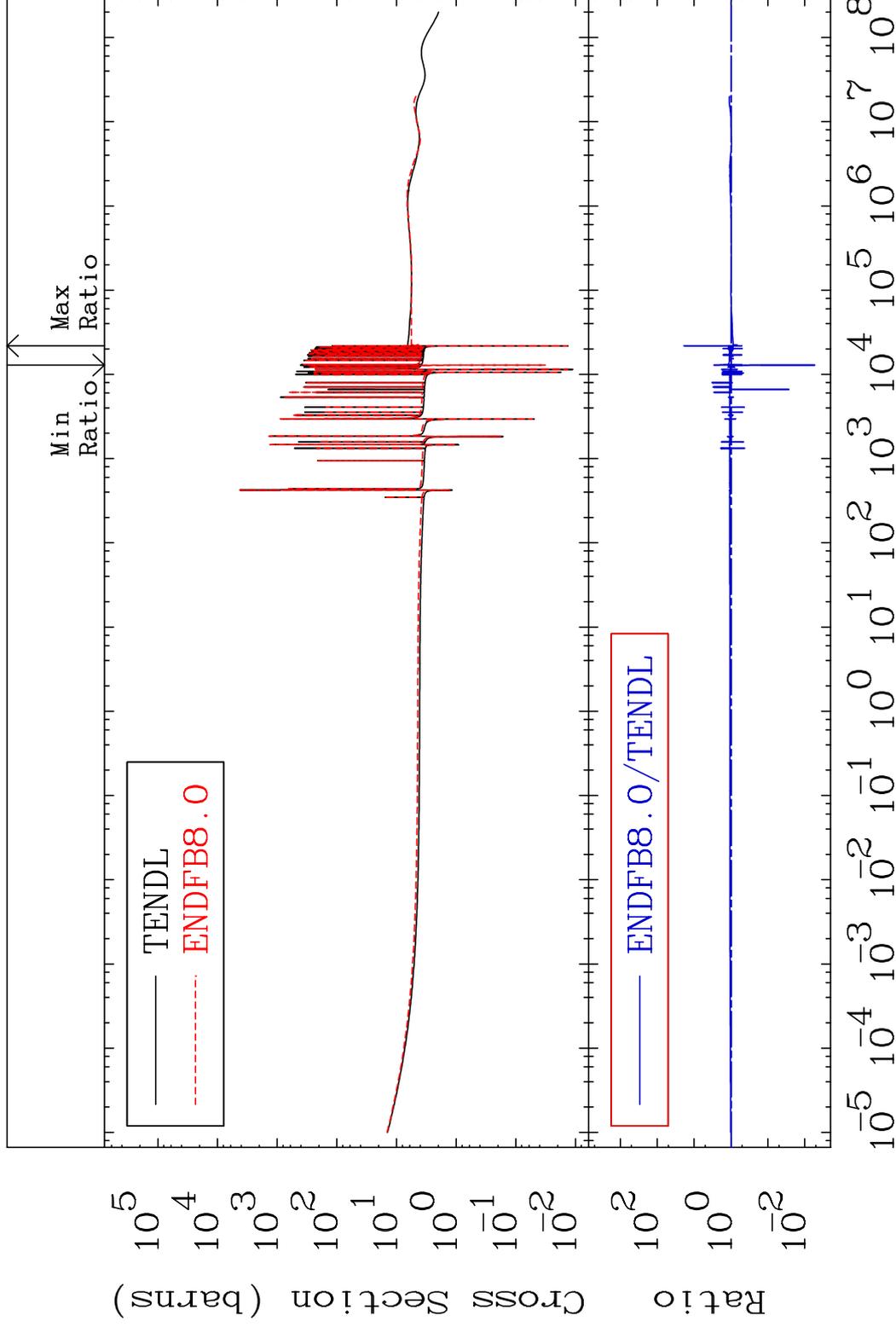
MAT 5249

Total

52-Te-128

Cross Section

-99.46 To 1761. %



1

Incident Energy (eV)

52-Te-128

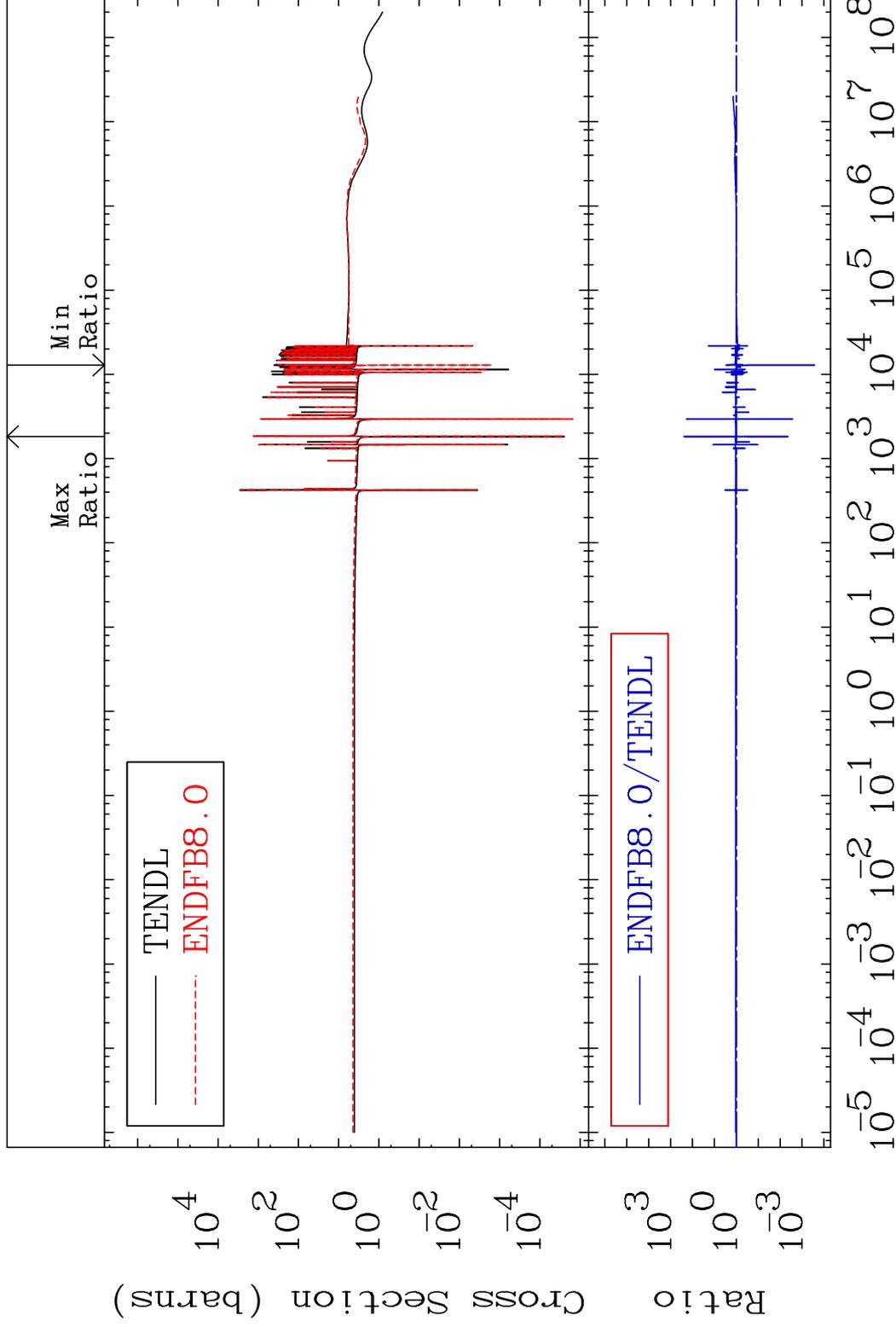
MAT 5249

Elastic

52-Te-128

Cross Section

-99.97 To 9999. %



2

Incident Energy (eV)

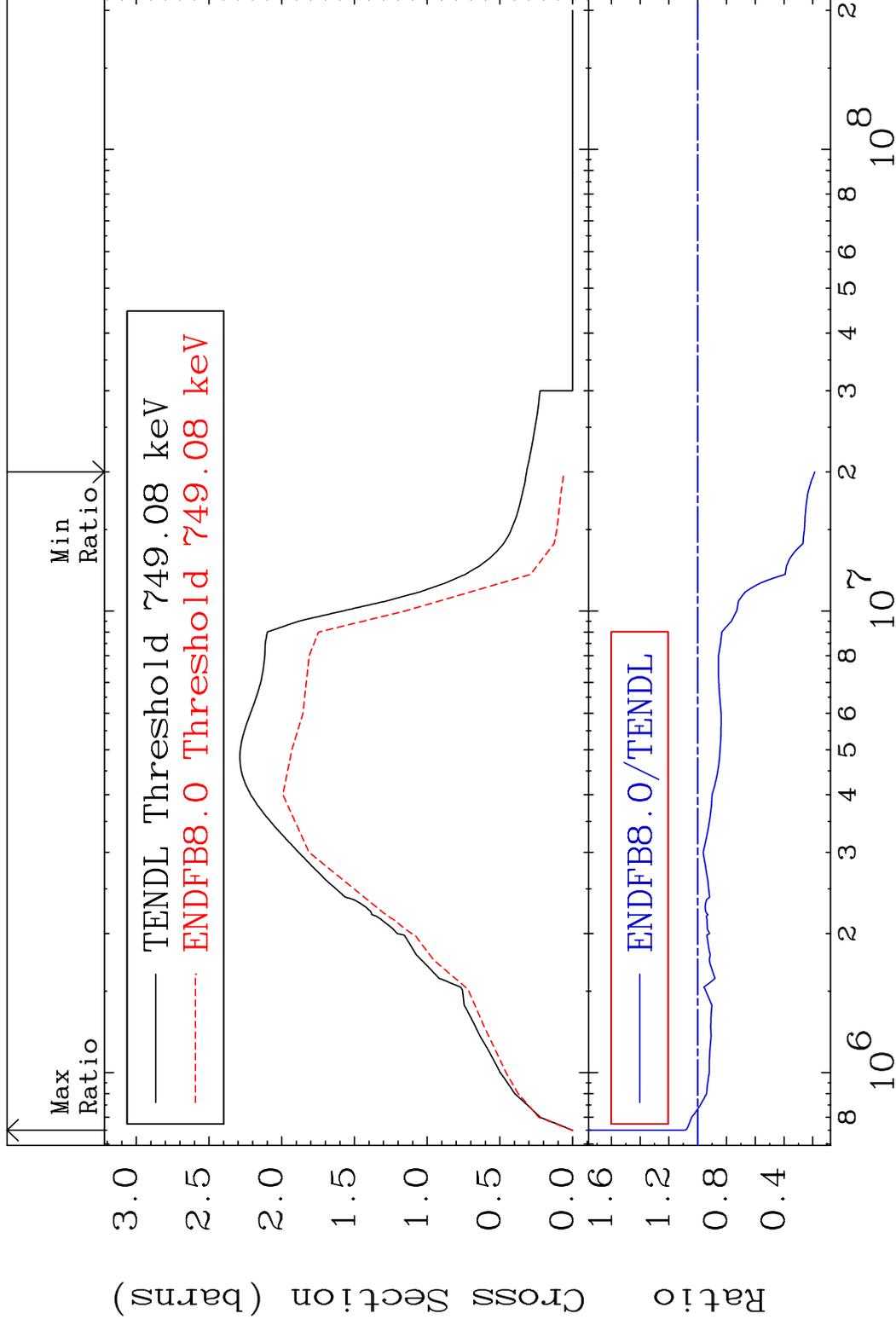
52-Te-128

MAT 5249

Inelastic

52-Te-128

Cross Section -81.32 To 9.434 %



3

Incident Energy (eV)

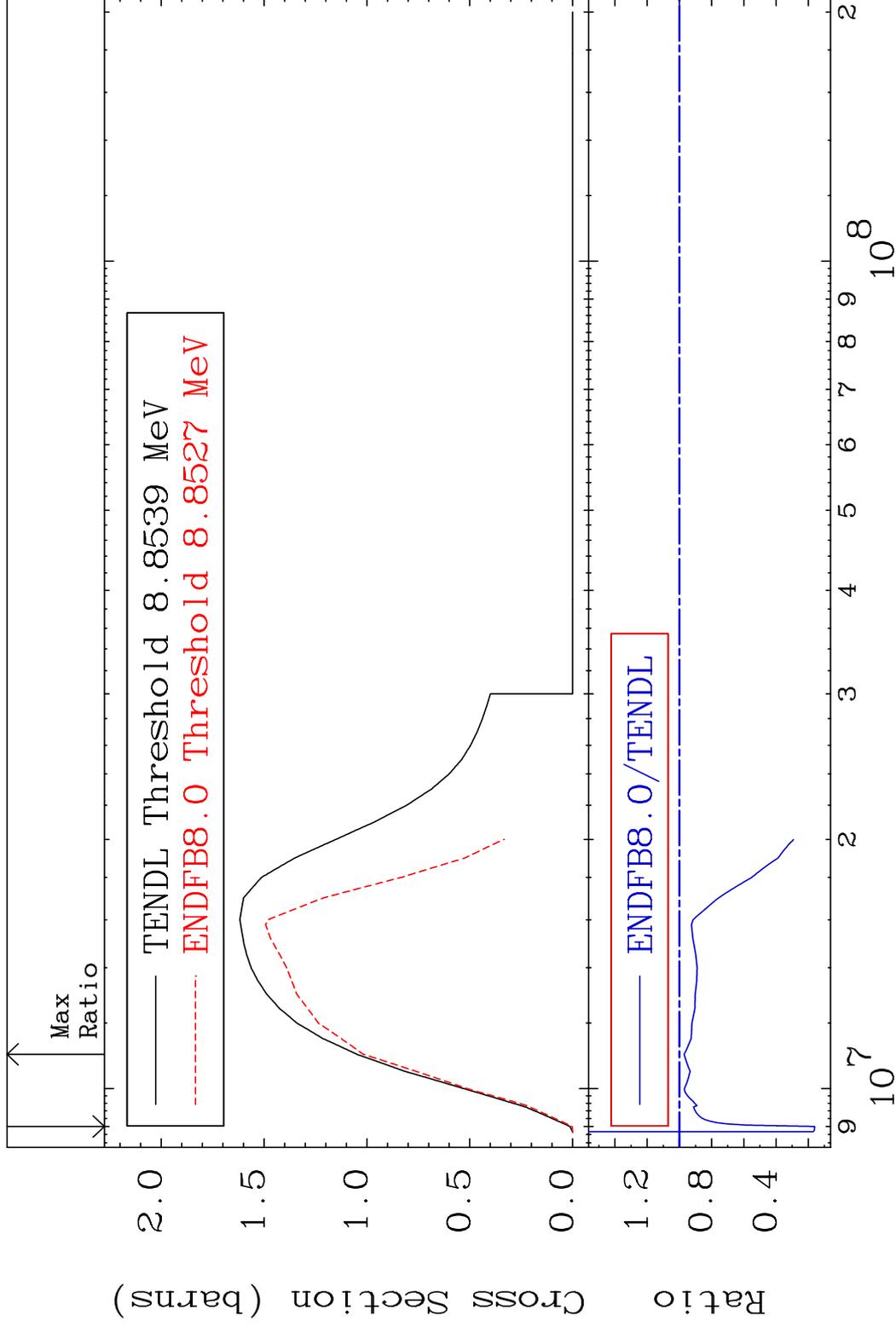
52-Te-128

MAT 5249

(n,2n)

52-Te-128

Cross Section -83.96 To -2.952%



4

Incident Energy (eV)

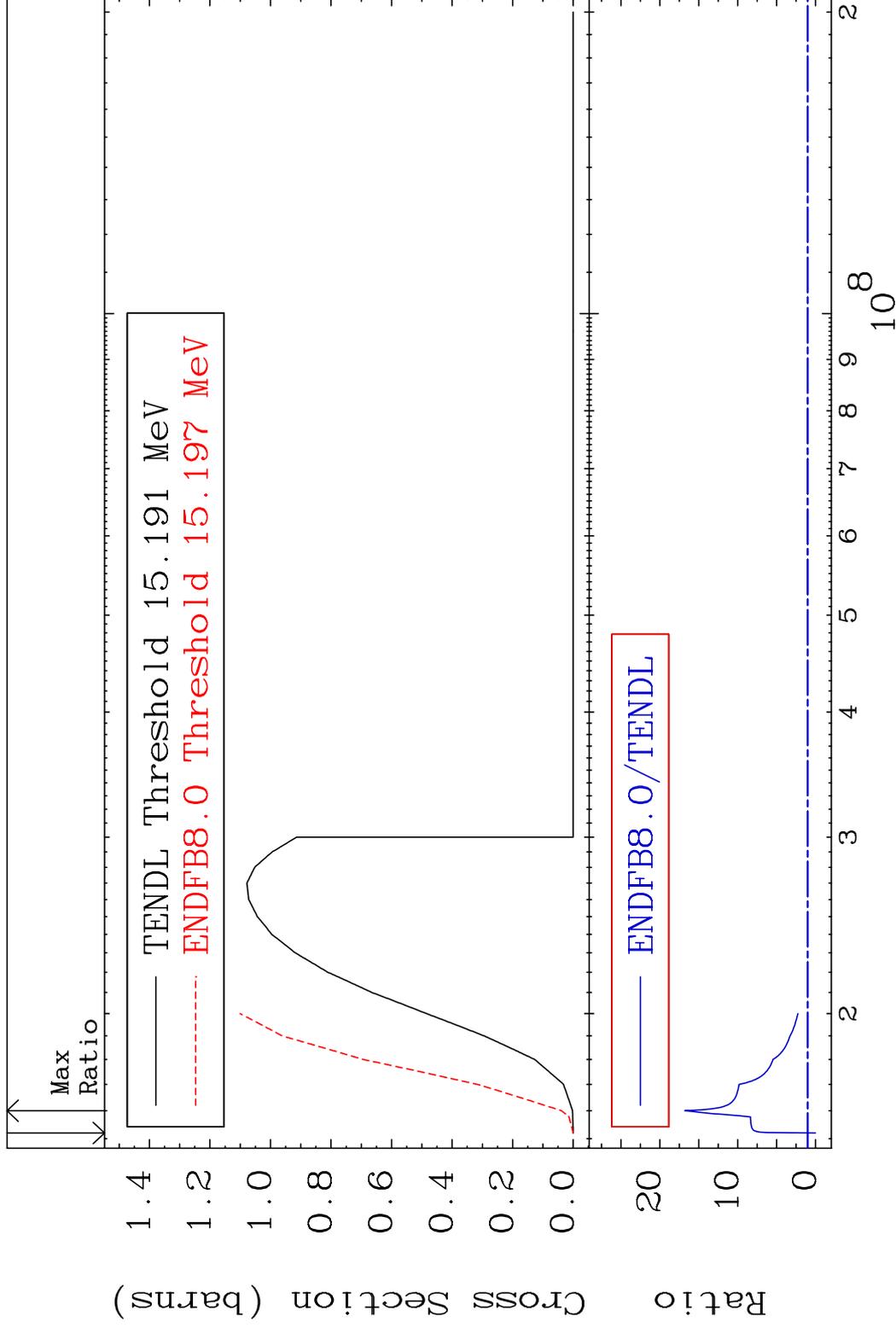
52-Te-128

MAT 5249

(n,3n)

52-Te-128

Cross Section -100.0 To 1580. %

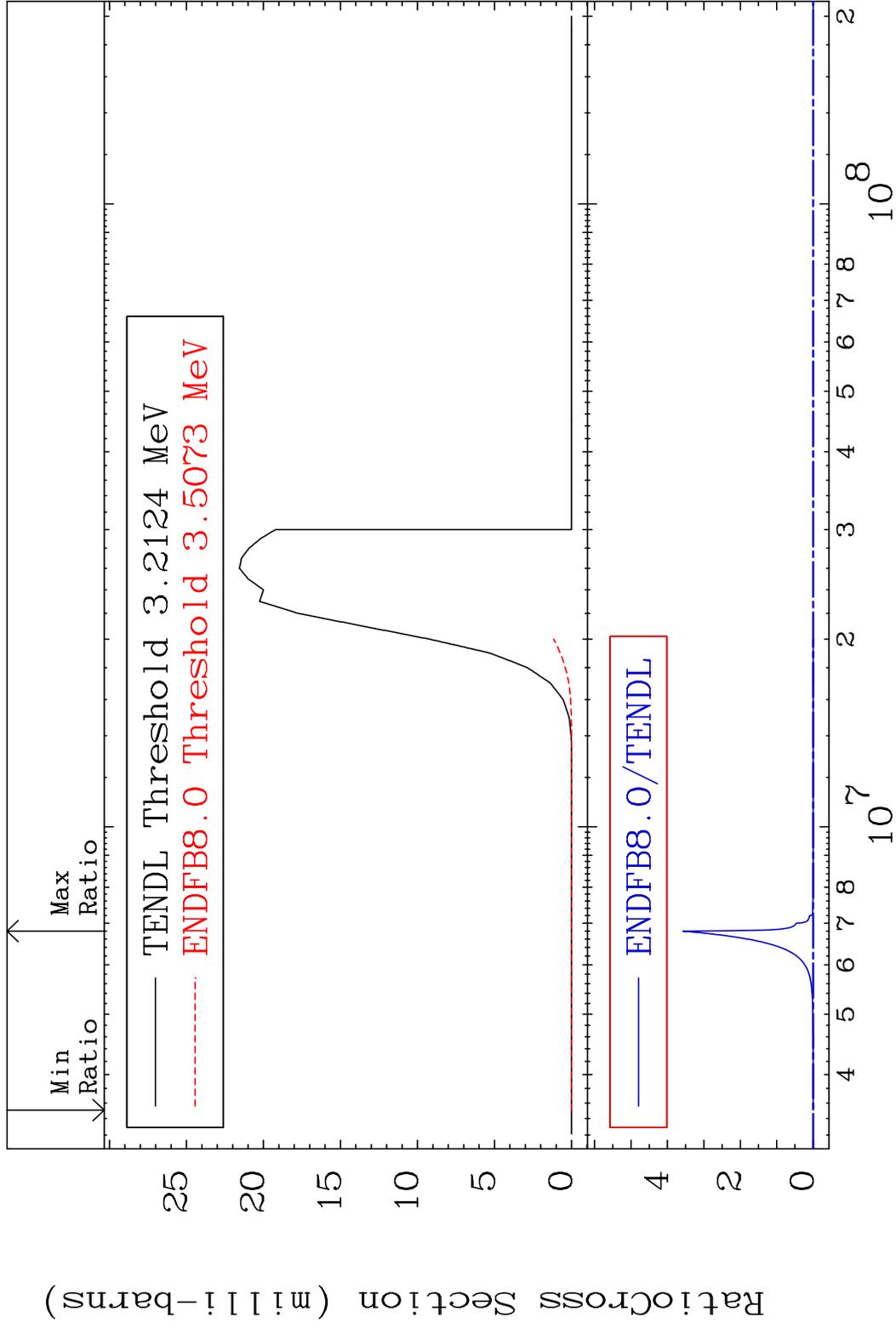


5

Incident Energy (eV)

52-Te-128

MAT 5249 (n, n')  $\alpha$  52-Te-128  
 Cross Section -100.0 To 9999. %

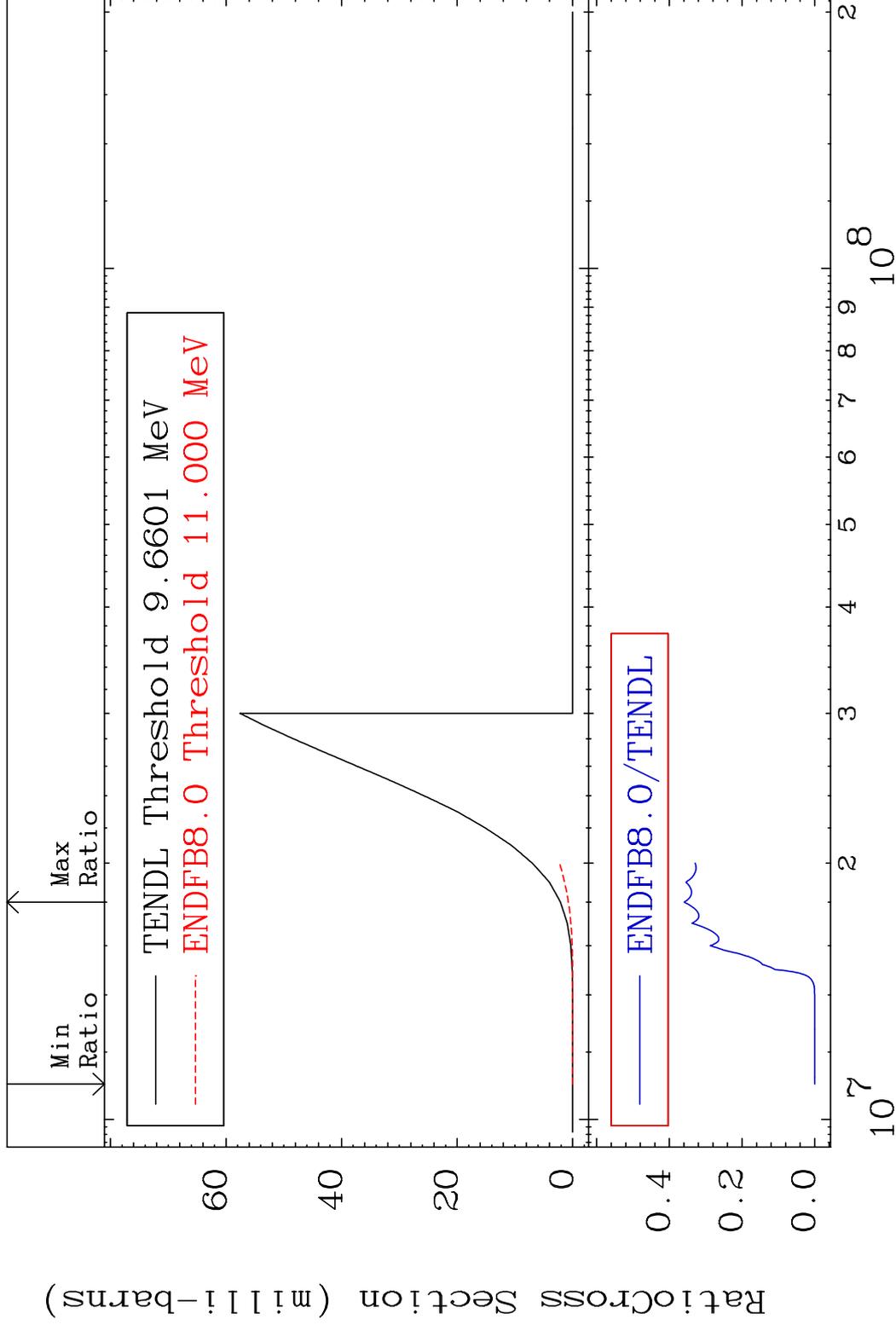


MAT 5249

(n, n') p

52-Te-128

Cross Section -100.0 To -64.07%

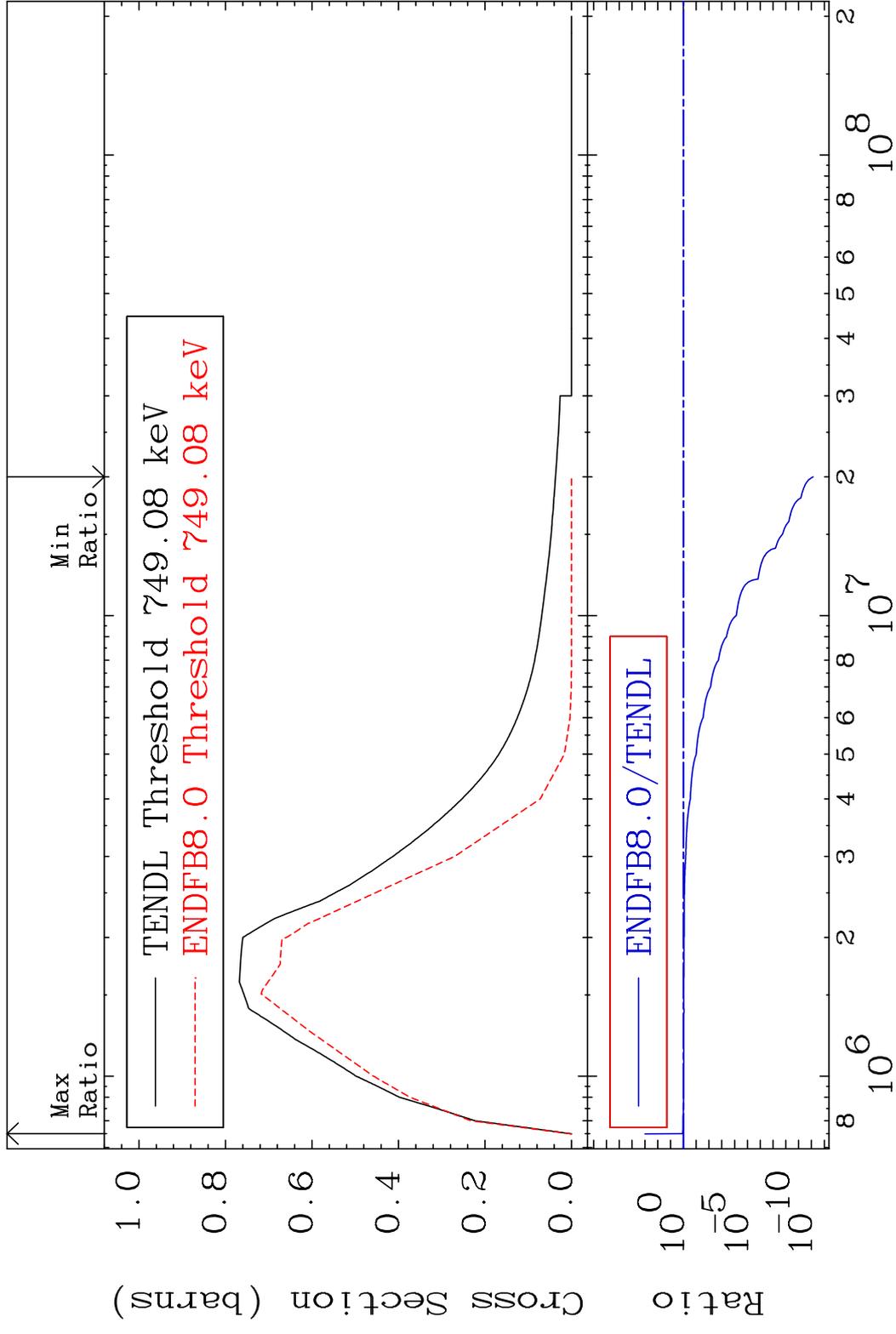


7

Incident Energy (eV)

52-Te-128

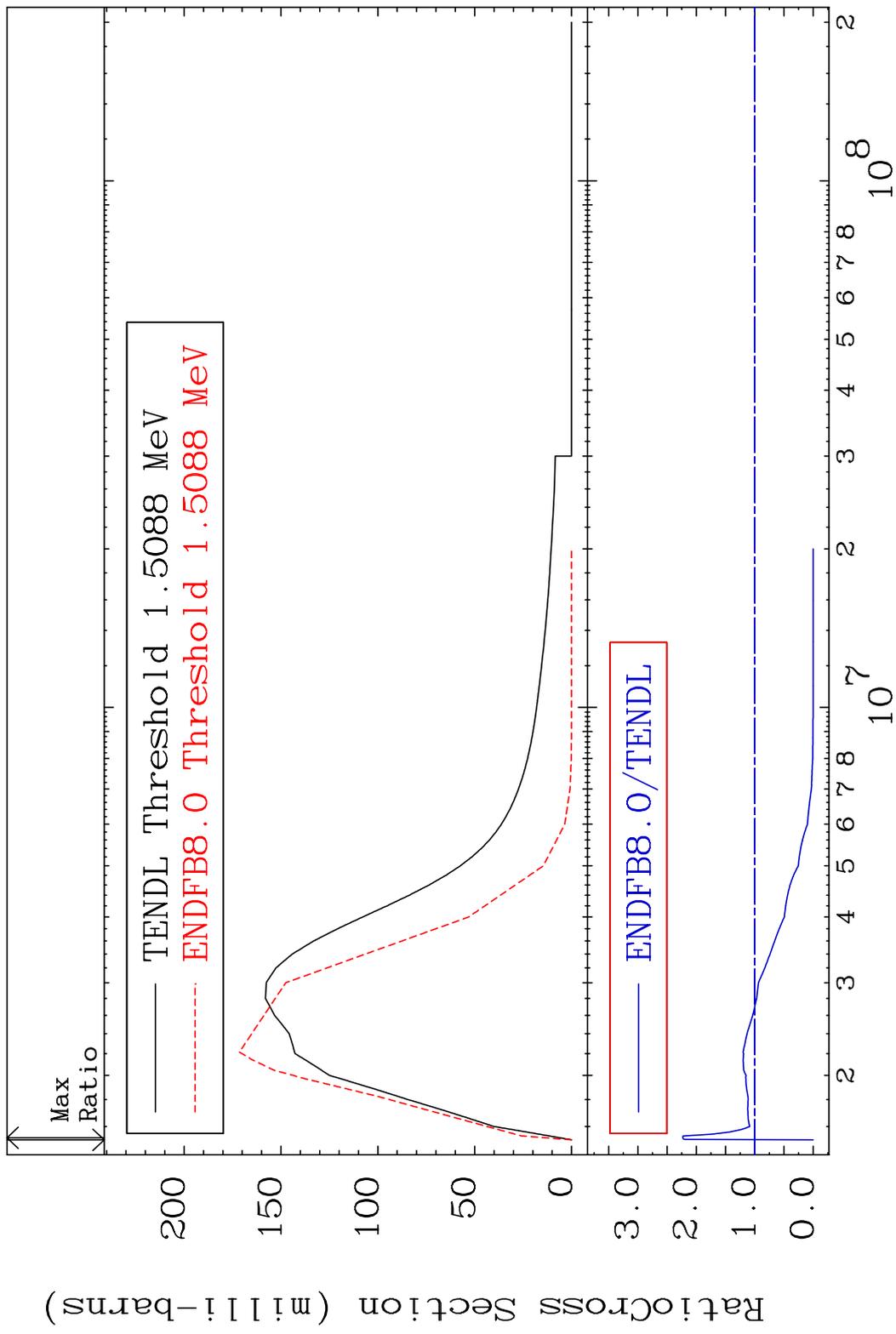
MAT 5249 MT= 51 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 9.434 %



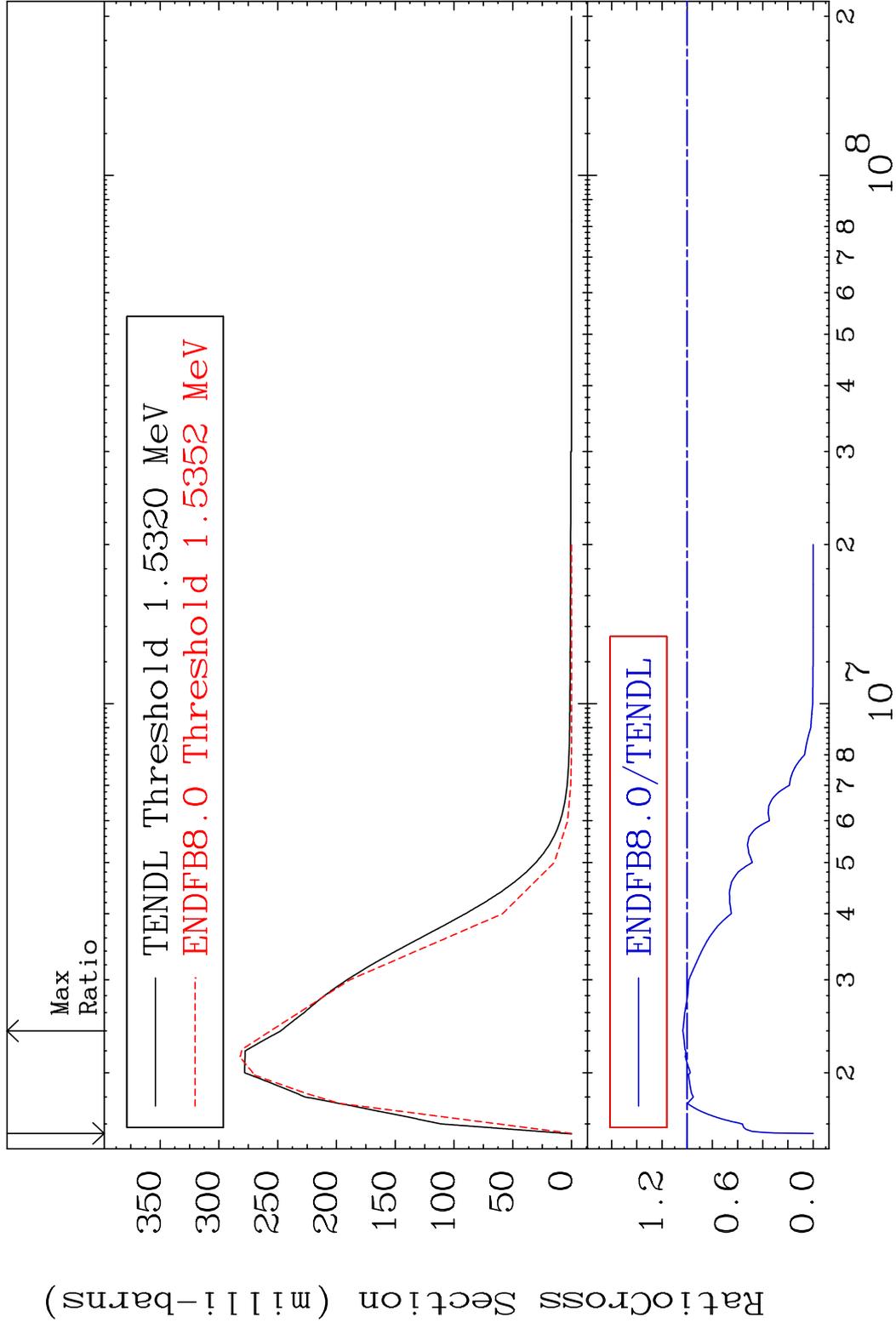
8 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 2 3 4 5 6 8

8 Incident Energy (eV) 52-Te-128

MAT 5249 MT= 52 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 123.1 %

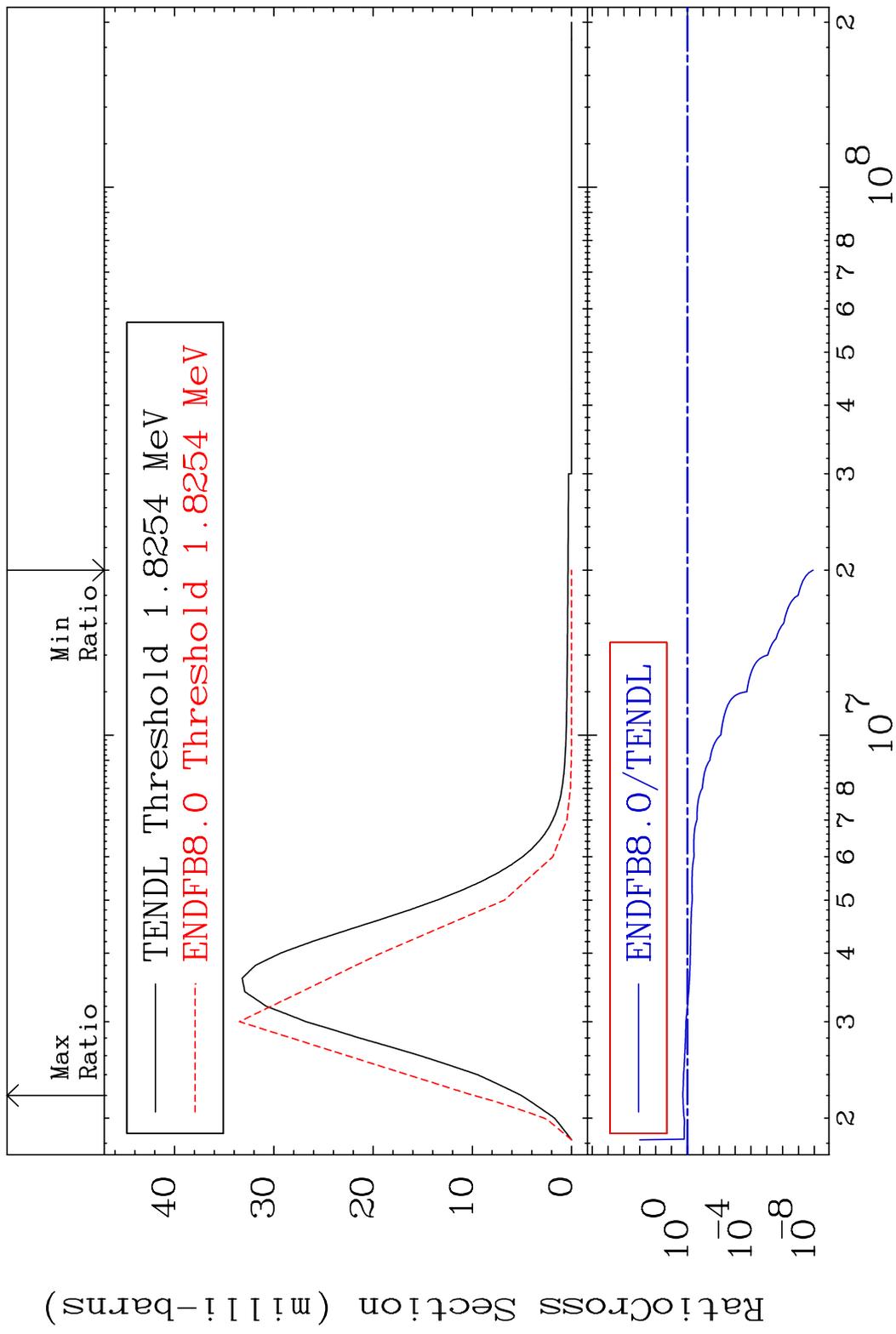


MAT 5249 MT= 53 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 3.490 %

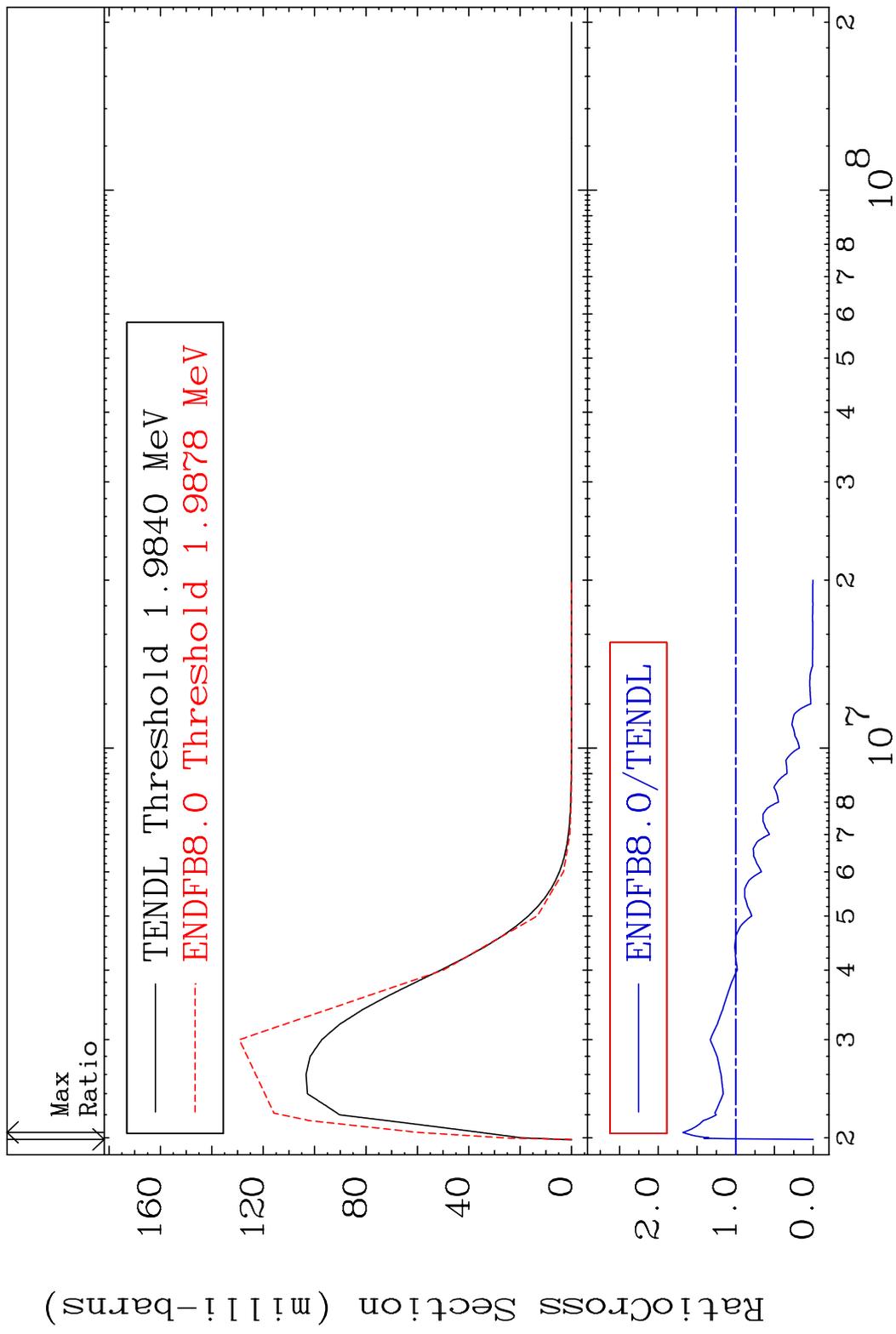


10 Incident Energy (eV) 52-Te-128

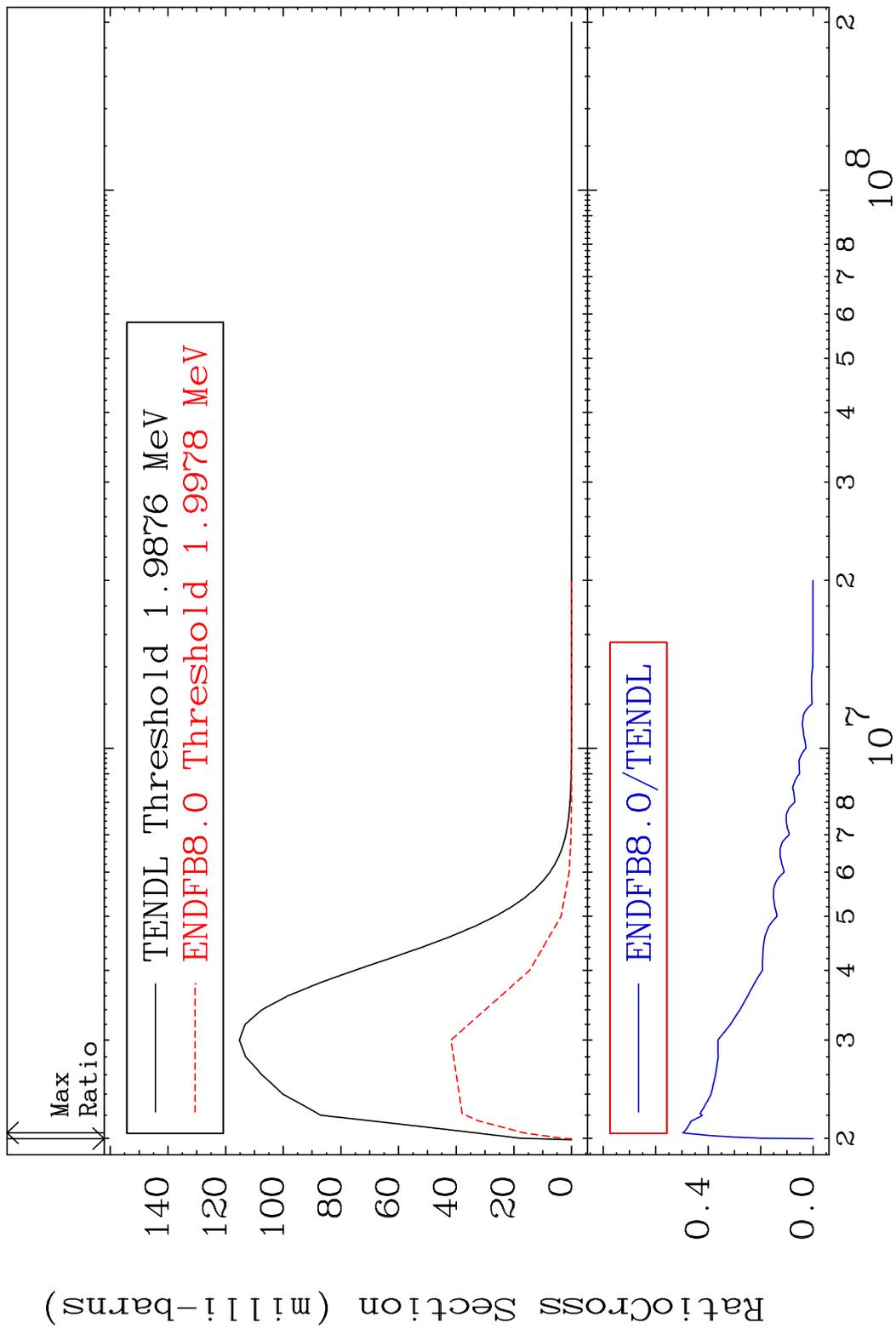
MAT 5249 MT= 54 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 94.52 %



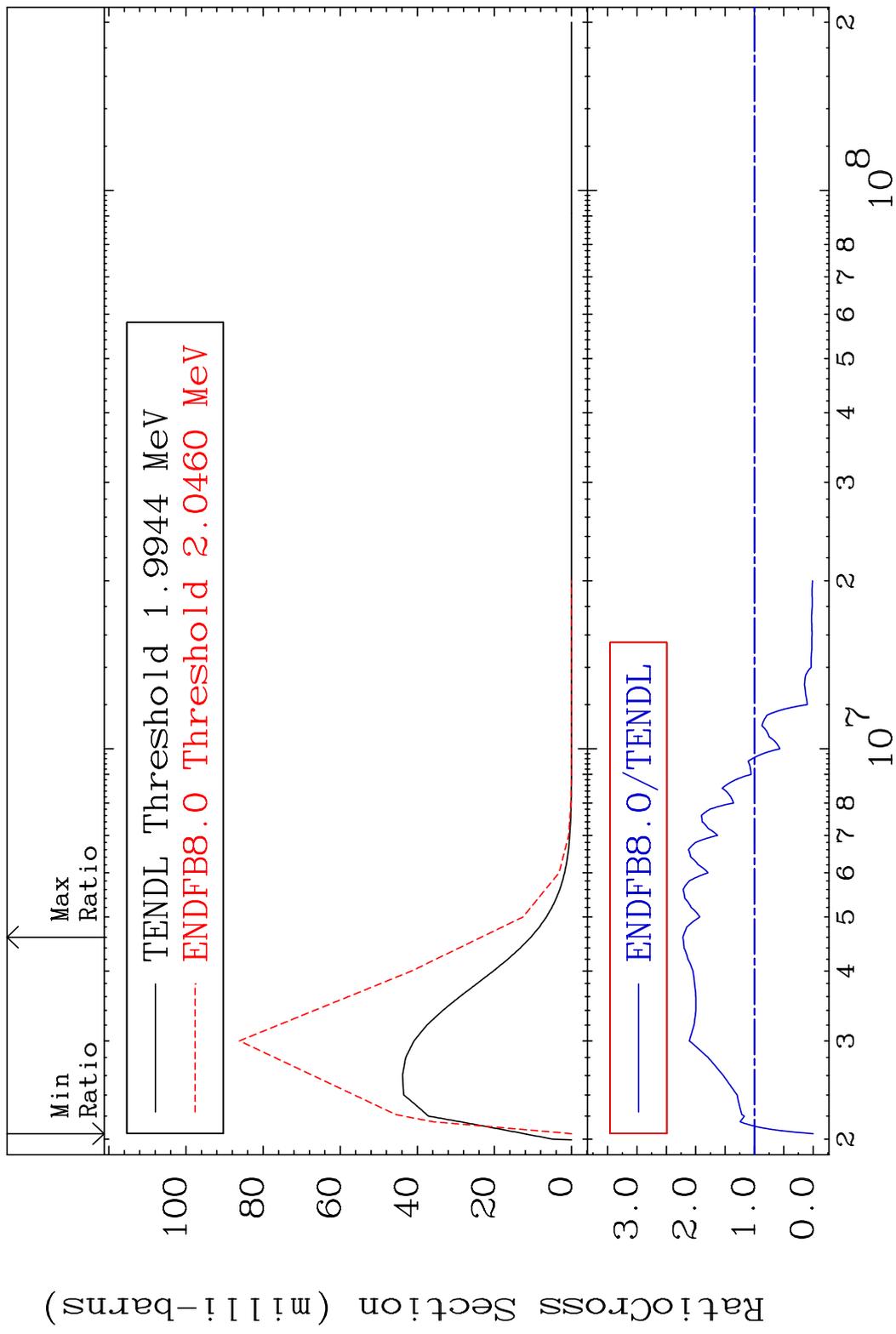
MAT 5249 MT= 55 (n,n') Level 52-Te-128  
 Cross Section -100.0 To 68.28 %



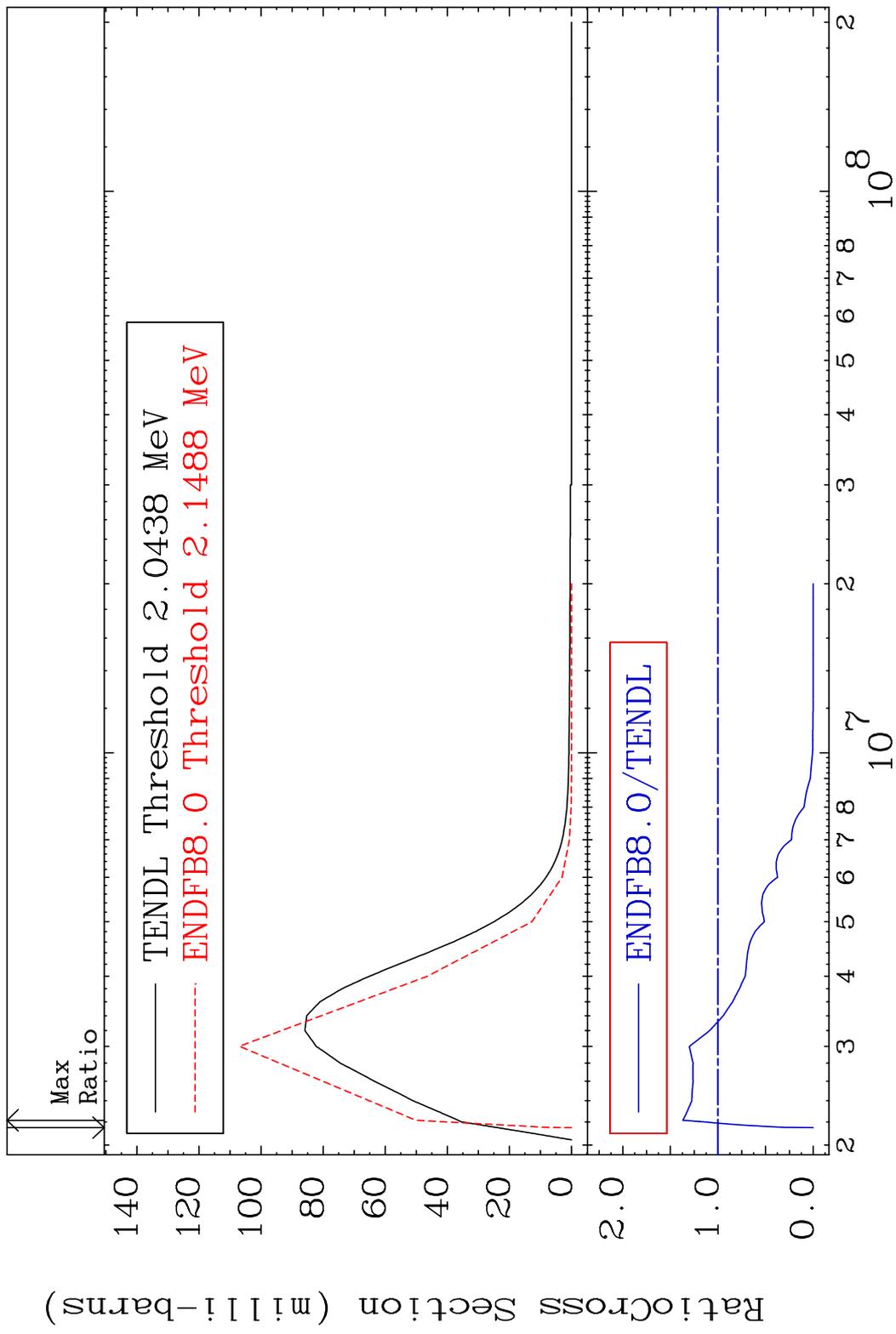
MAT 5249      MT= 56 (n,n') Level      52-Te-128  
 Cross Section    -100.0 To -50.32%



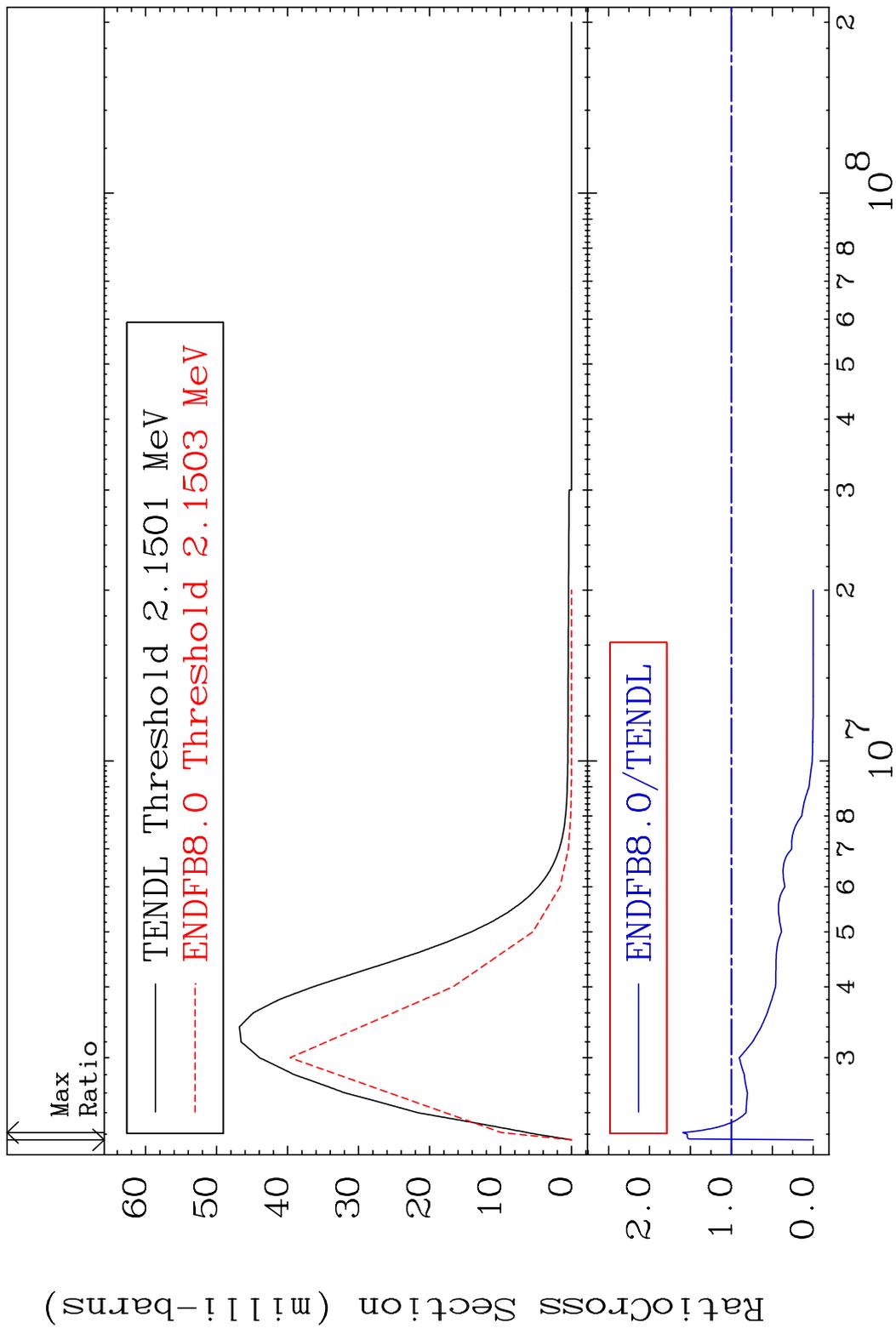
MAT 5249      MT= 57 (n,n') Level      52-Te-128  
 Cross Section    -100.0 To 121.9 %



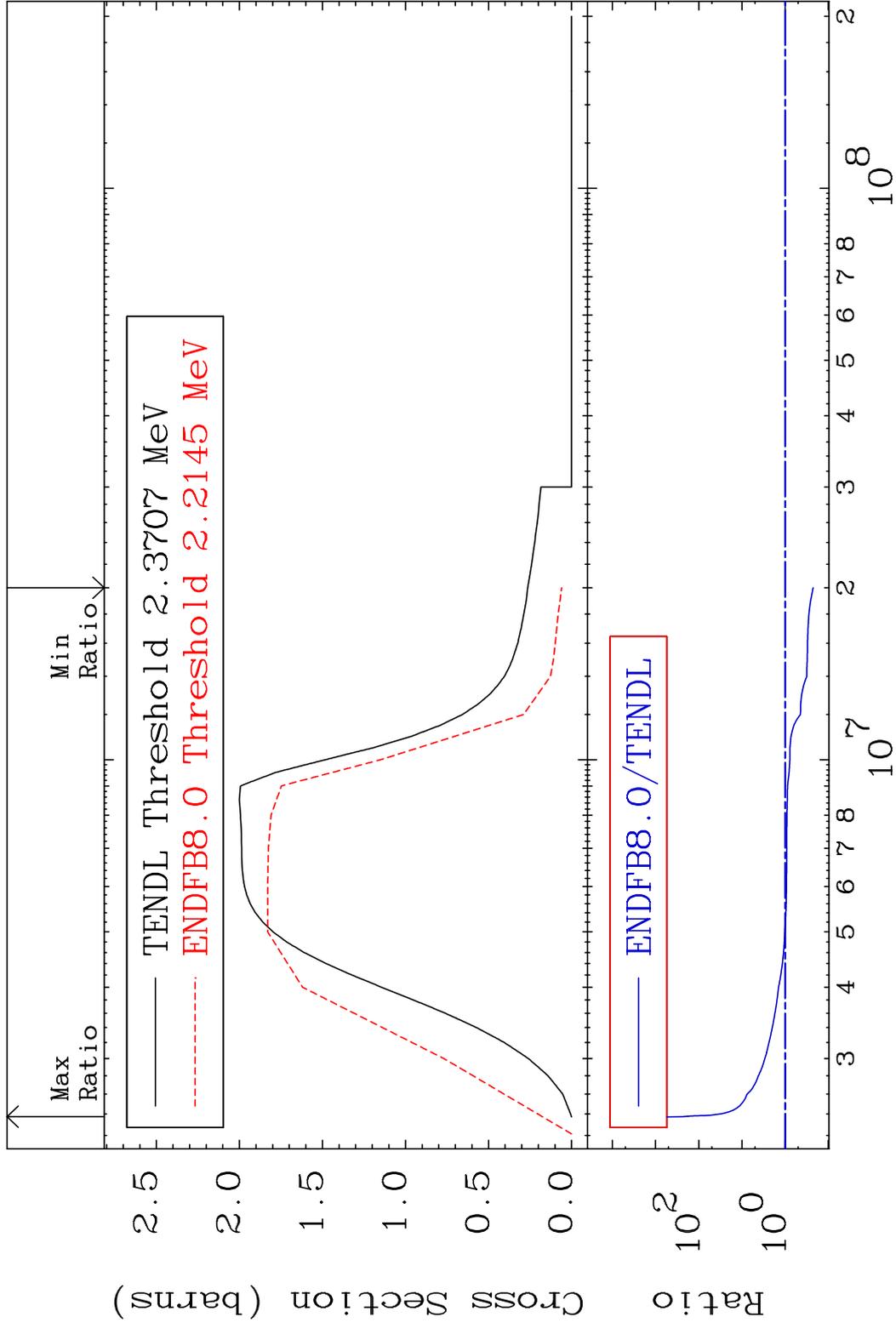
MAT 5249 MT= 58 (n,n') Level 52-Te-128  
 Cross Section -100.0 To 36.94 %



MAT 5249 MT= 59 (n, n') Level 52-Te-128  
 Cross Section -100.0 To 59.26 %



MAT 5249 (n, n') Continuum 52-Te-128  
 Cross Section -77.58 To 9999. %

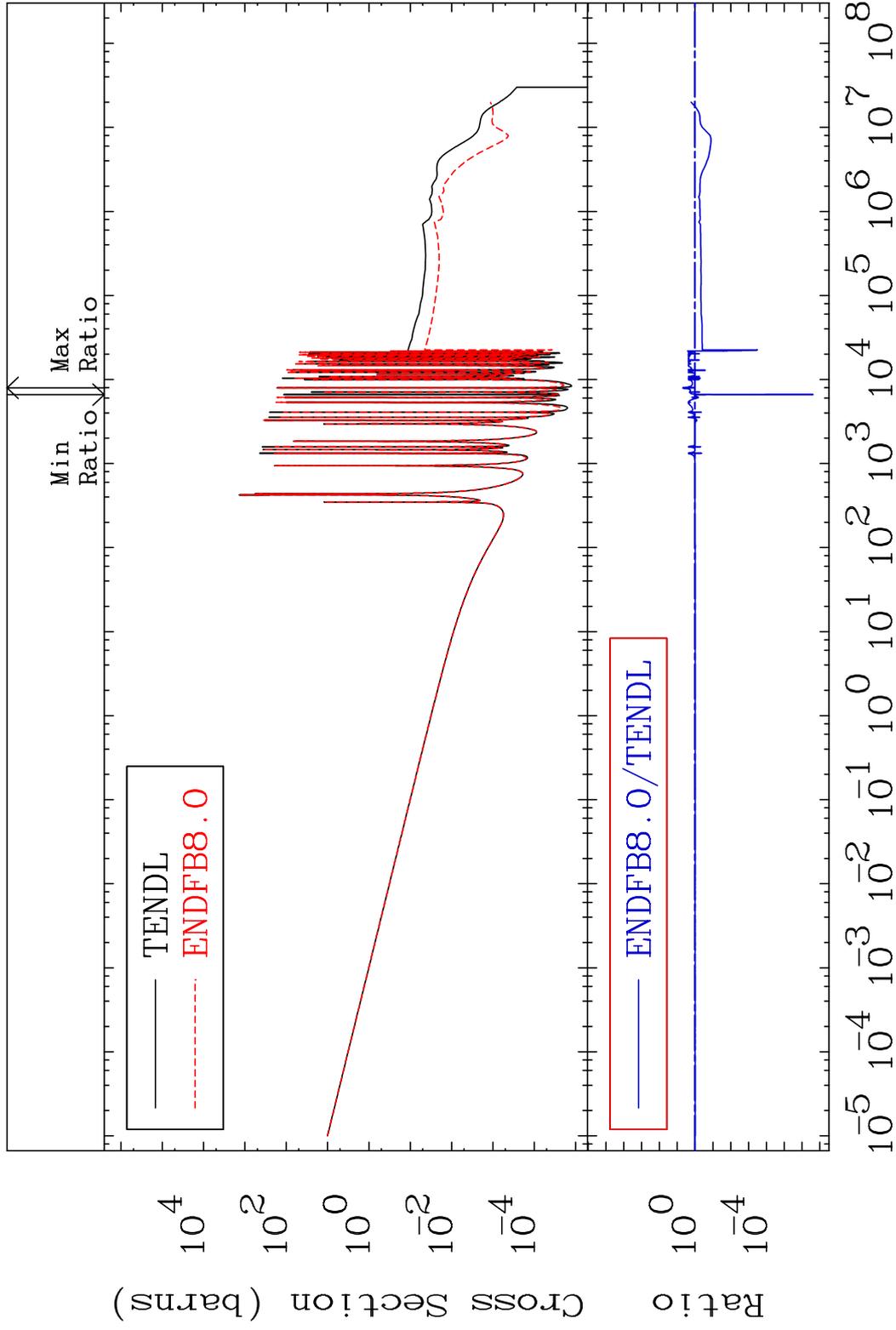


MAT 5249

(n,  $\gamma$ )

52-Te-128

Cross Section -100.0 To 385.5 %



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Incident Energy (eV)

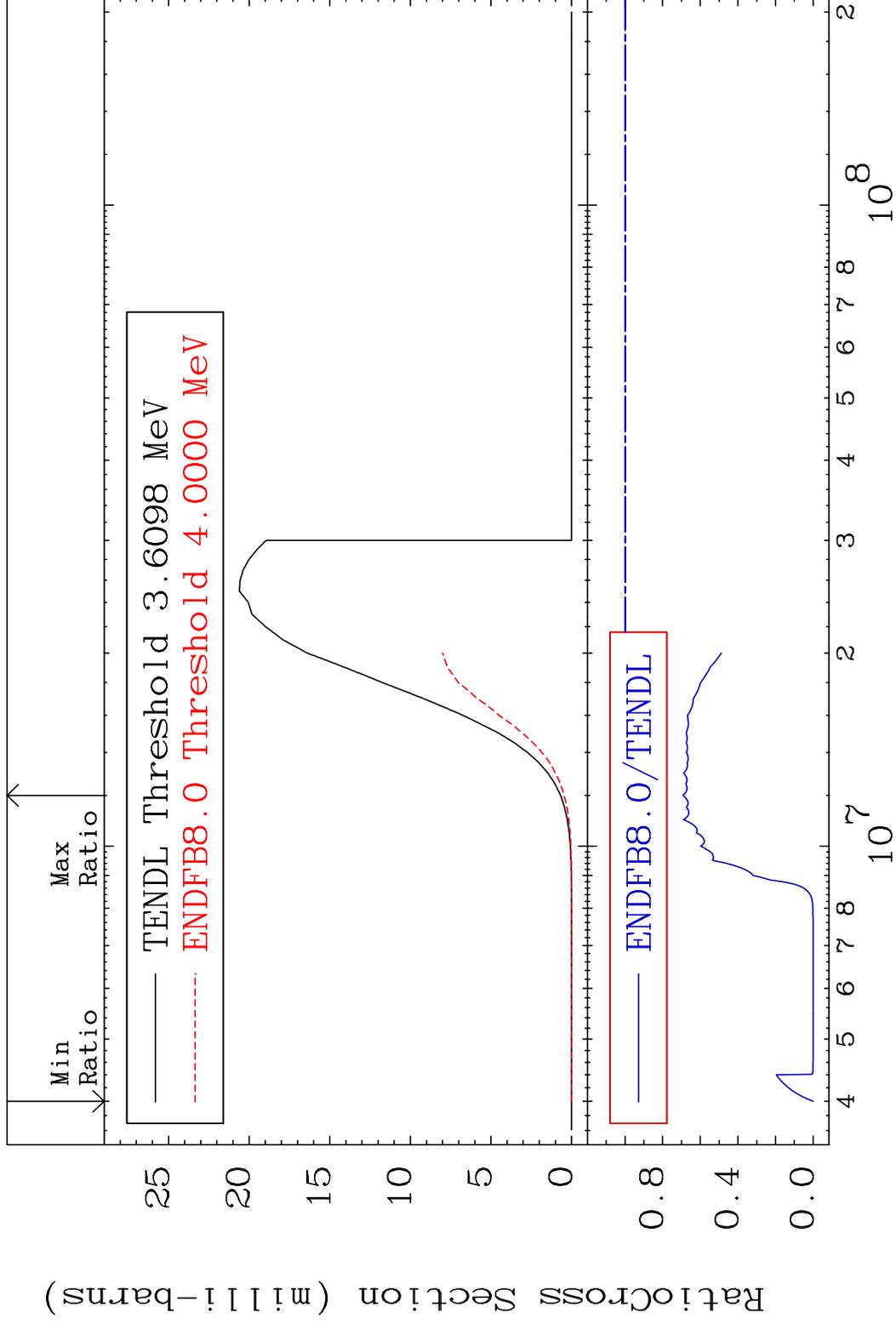
52-Te-128

MAT 5249

(n,p)

52-Te-128

Cross Section -100.0 To -30.72%

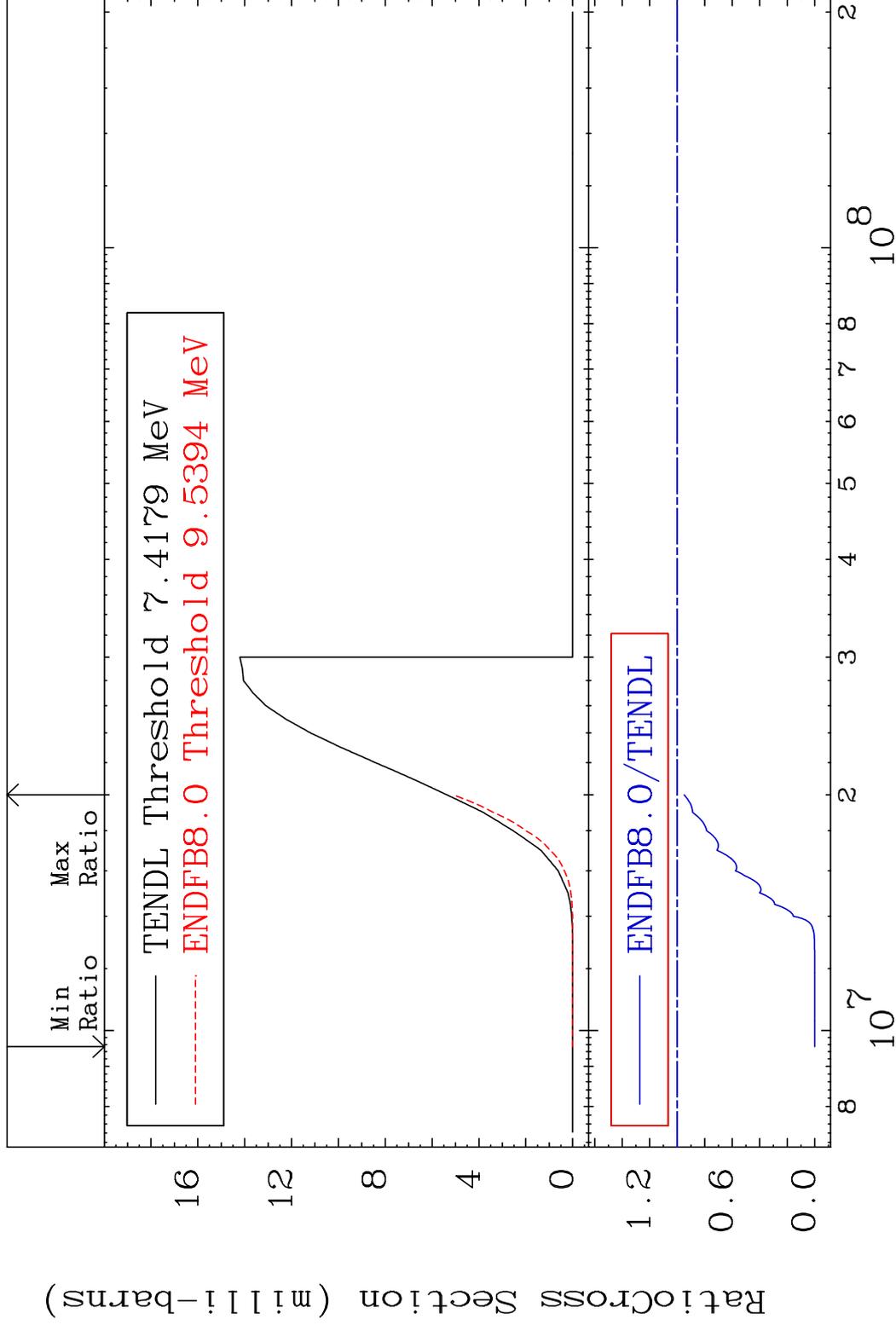


MAT 5249

(n,d)

52-Te-128

Cross Section -100.0 To -5.052%



20

Incident Energy (eV)

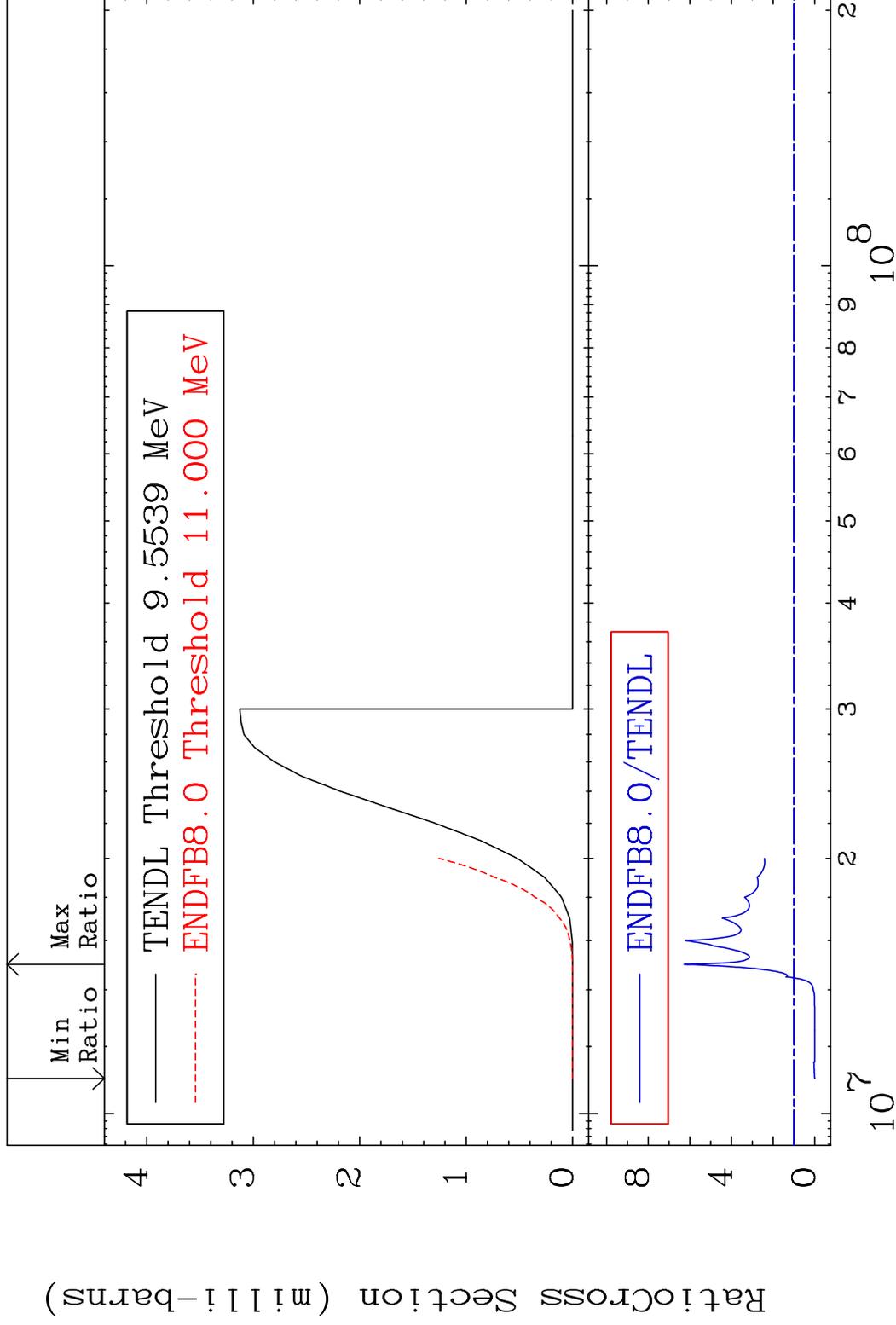
52-Te-128

MAT 5249

(n, t)

52-Te-128

Cross Section -100.0 To 527.3 %



21

Incident Energy (eV)

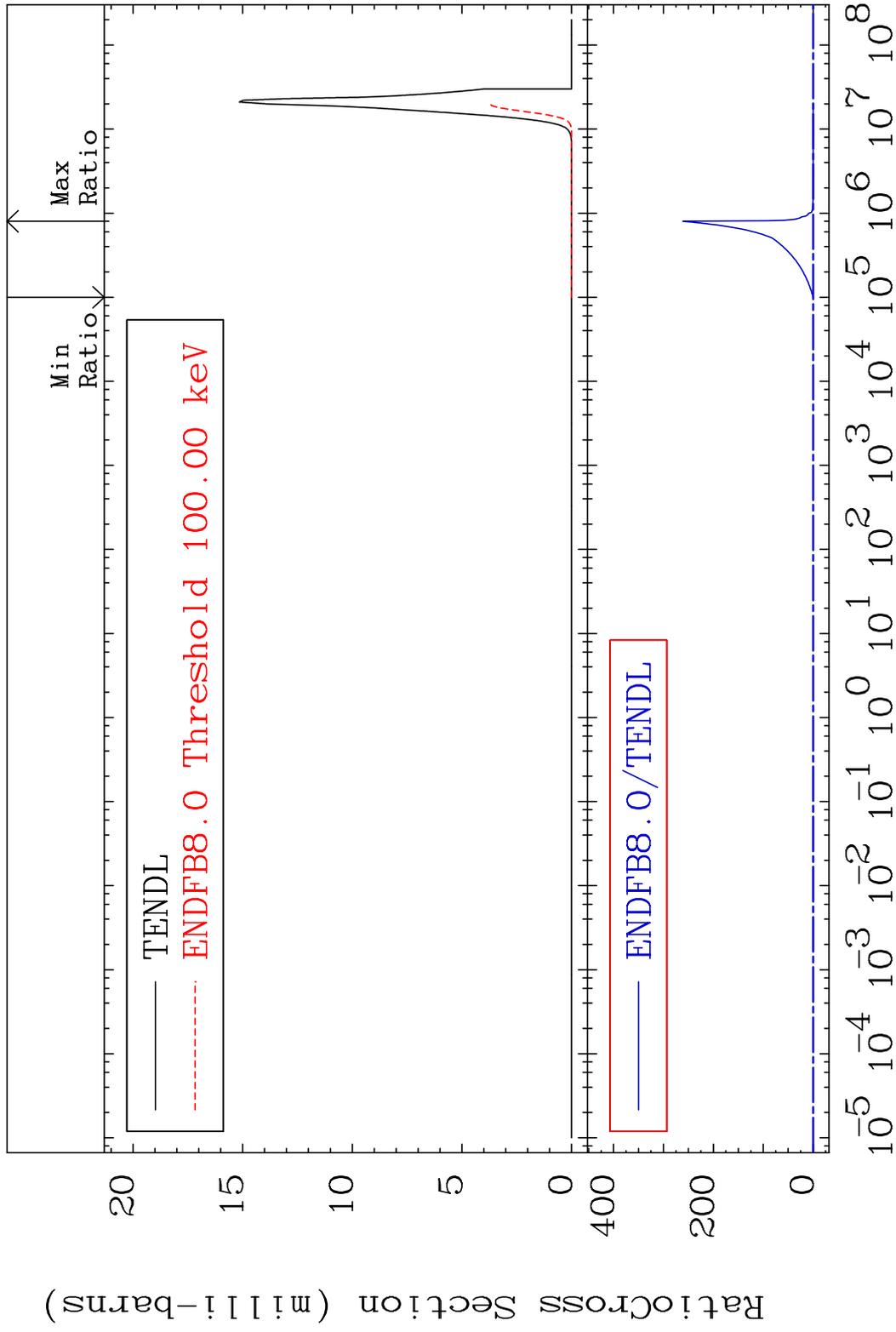
52-Te-128

MAT 5249

(n,  $\alpha$ )

52-Te-128

Cross Section -100.0 To 9999. %



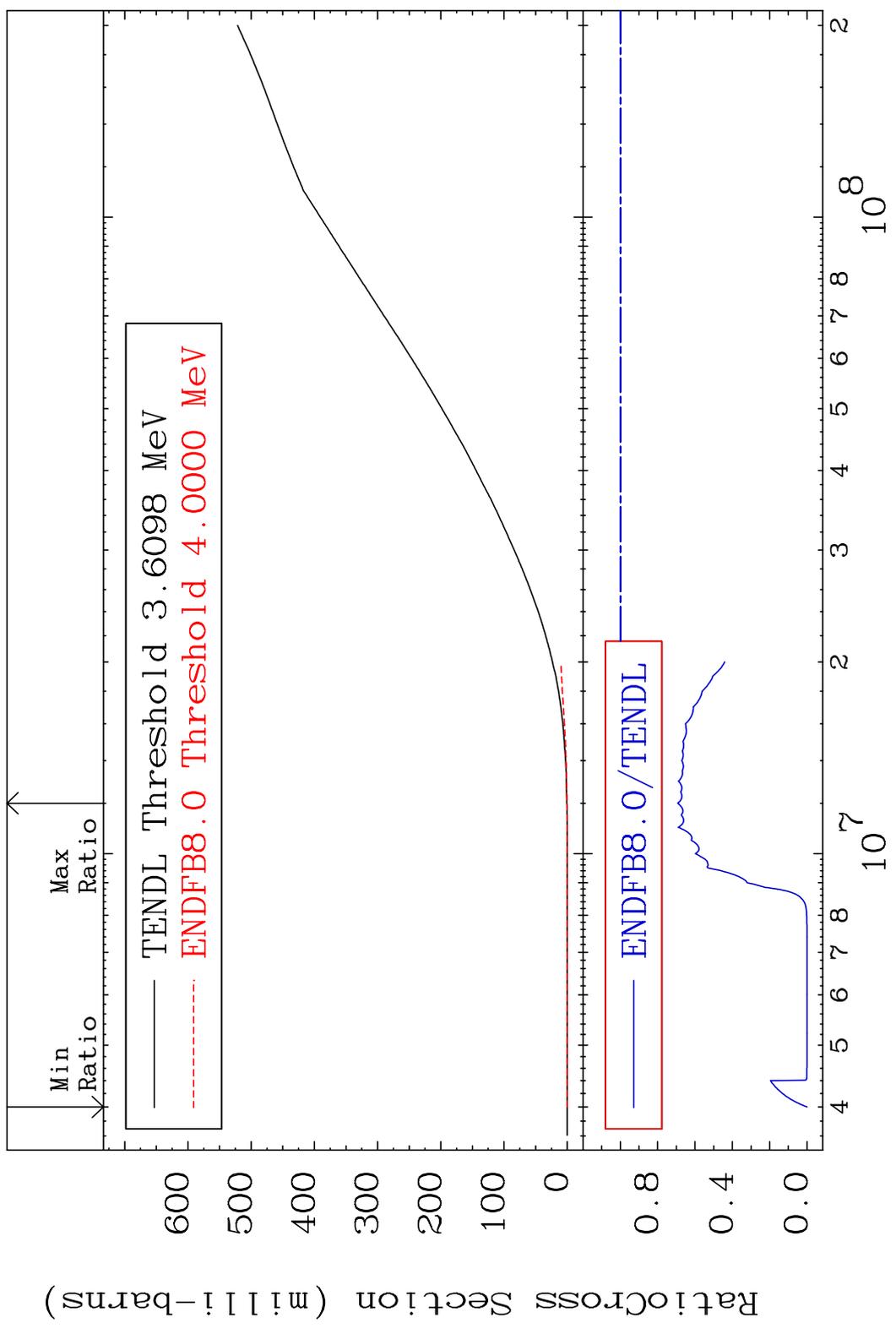
22

Incident Energy (eV)

52-Te-128

MAT 5249

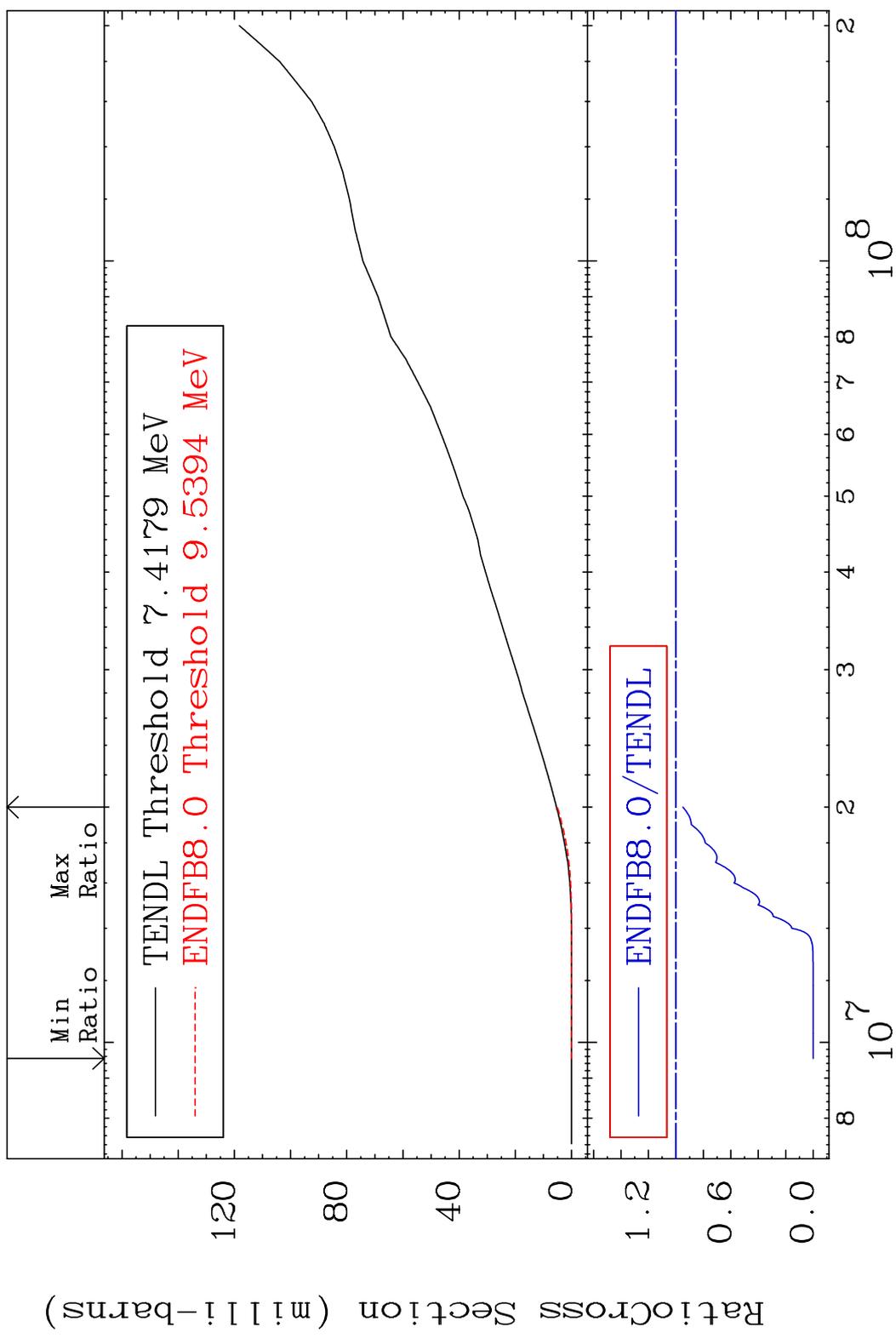
Hydrogen Production 52-Te-128  
Cross Section -100.0 To -30.73%



MAT 5249

Deuterium Production 52-Te-128

Cross Section -100.0 To -5.054%

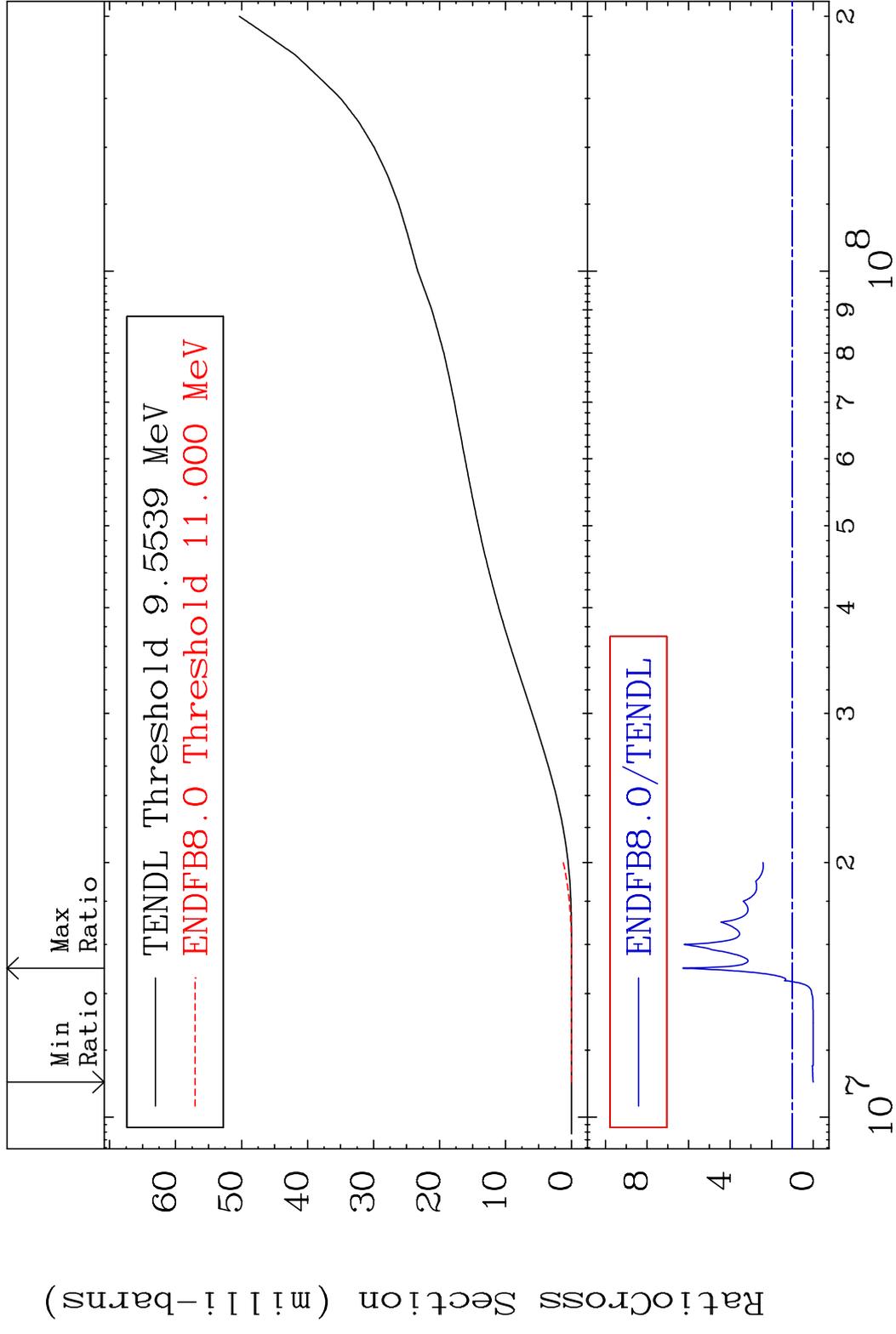


MAT 5249

Tritium Production

52-Te-128

Cross Section -100.0 To 527.3 %



25

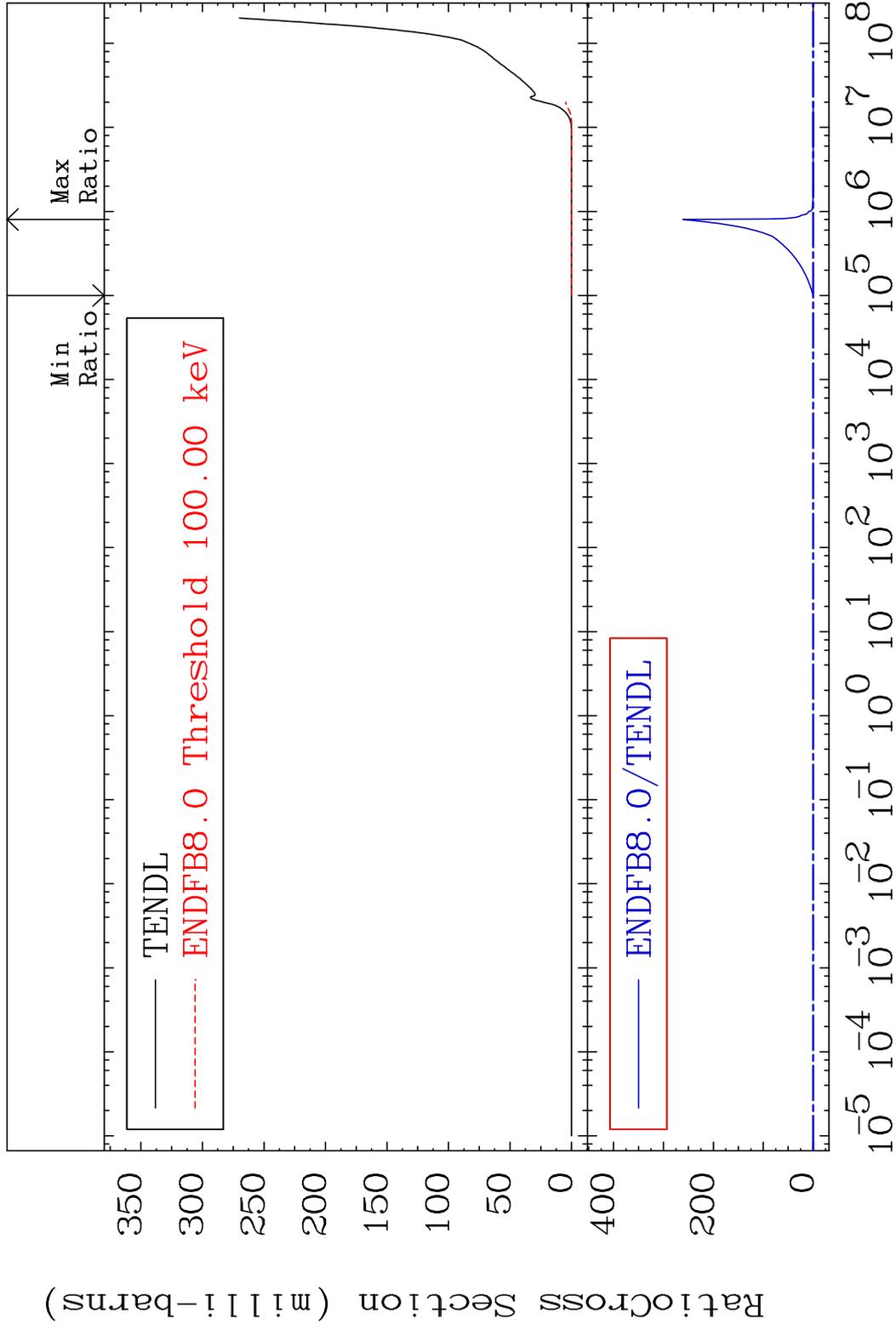
52-Te-128

MAT 5249

He-4 Production

52-Te-128

Cross Section -100.0 To 9999. %



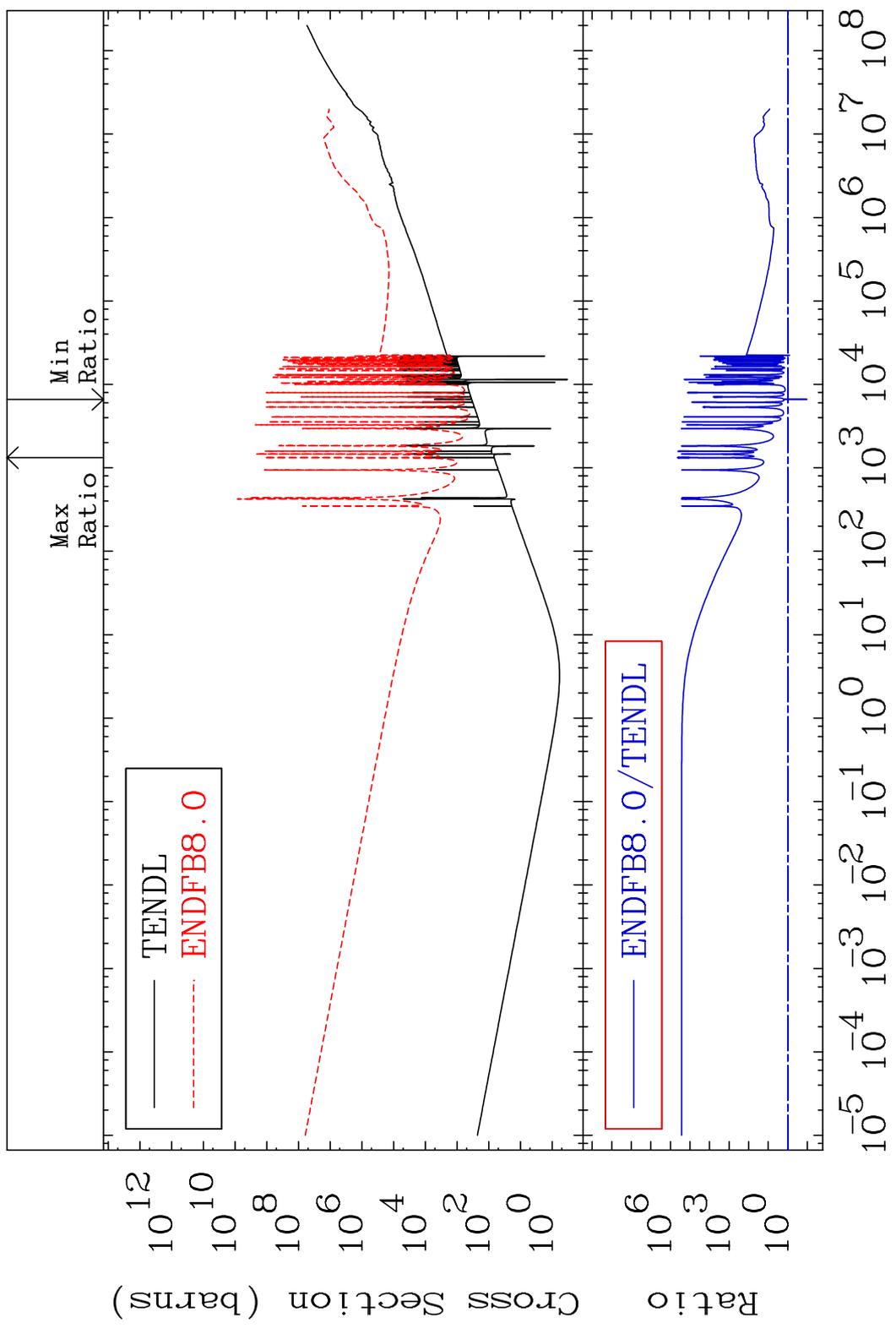
26

Incident Energy (eV)

52-Te-128

MAT 5249

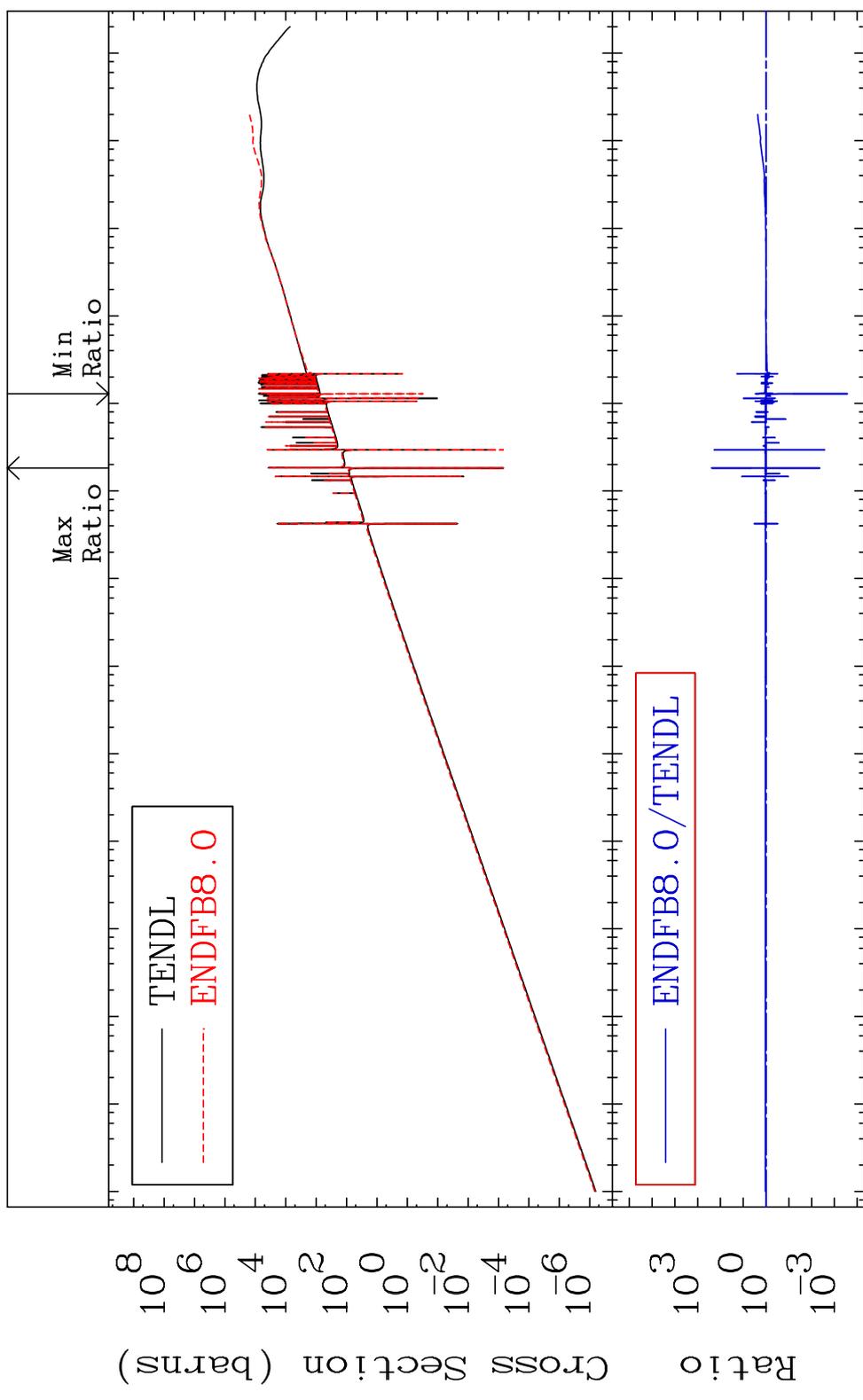
Kerma total (eV-barns) 52-Te-128  
Cross Section -89.70 To 9999. %



MAT 5249

Kerma elastic Cross Section -99.97 To 9999. %

52-Te-128

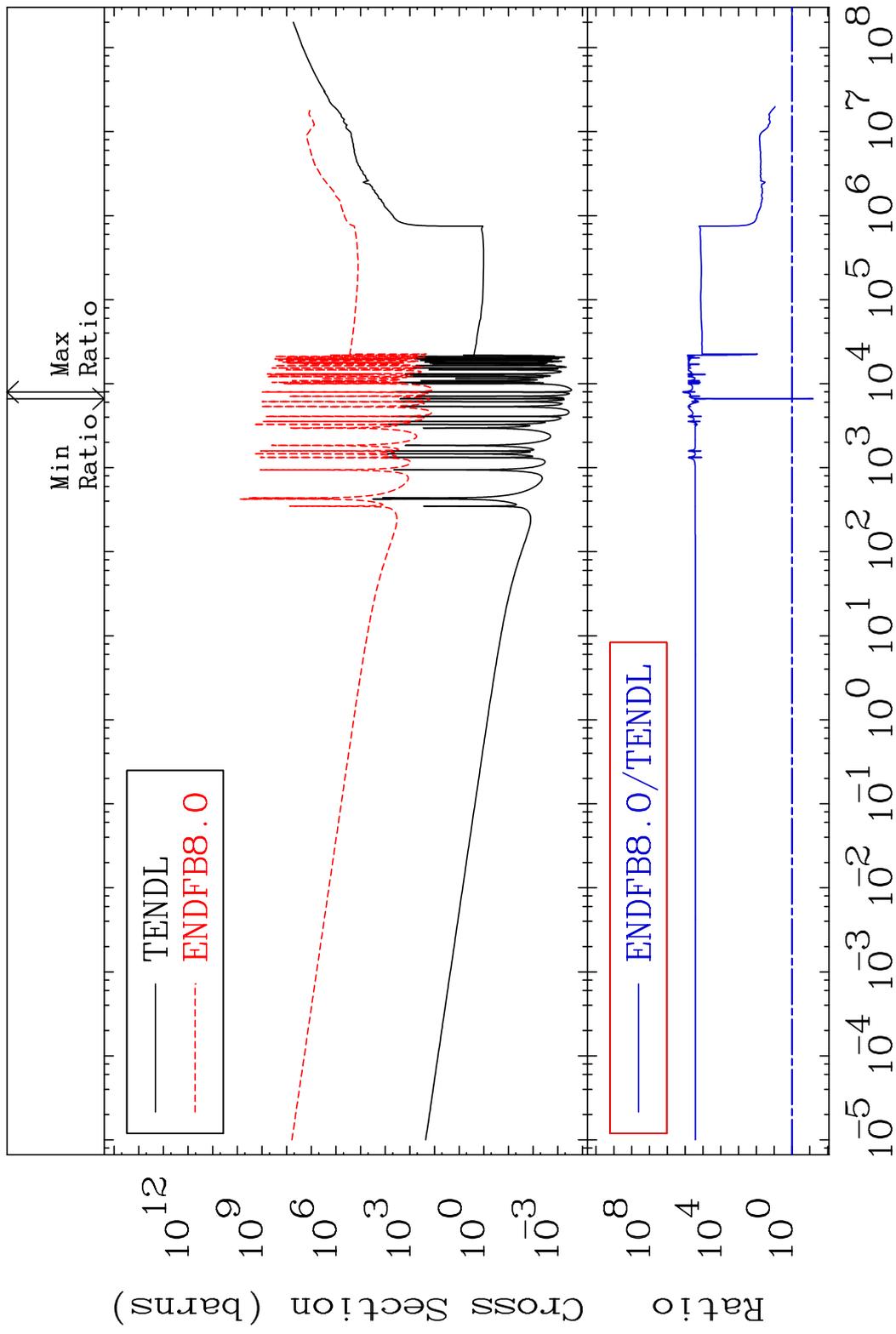


28

Incident Energy (eV)

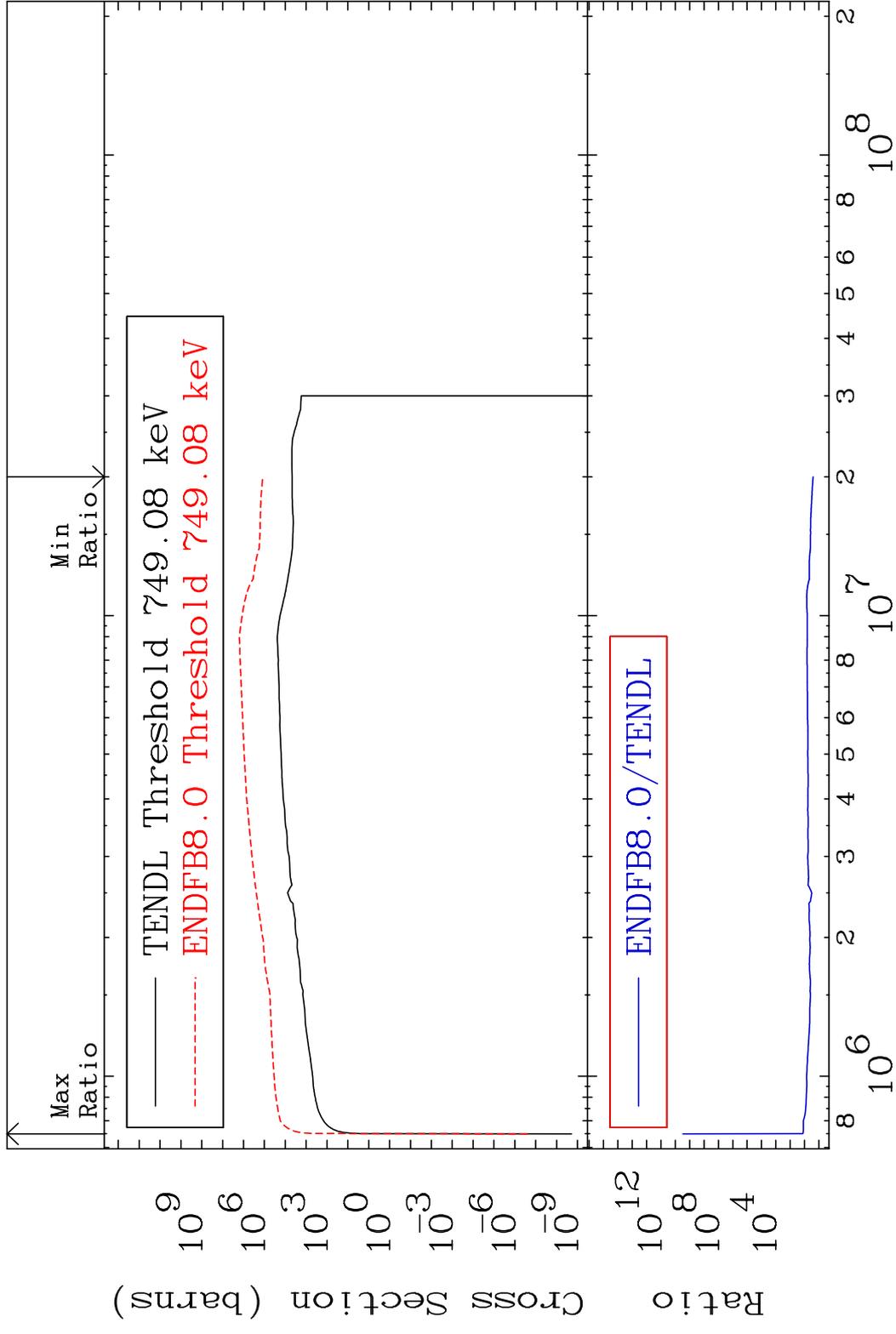
52-Te-128

MAT 5249 Kerma non-elastic (all but mt2) 52-Te-128  
 Cross Section -93.44 To 9999. %

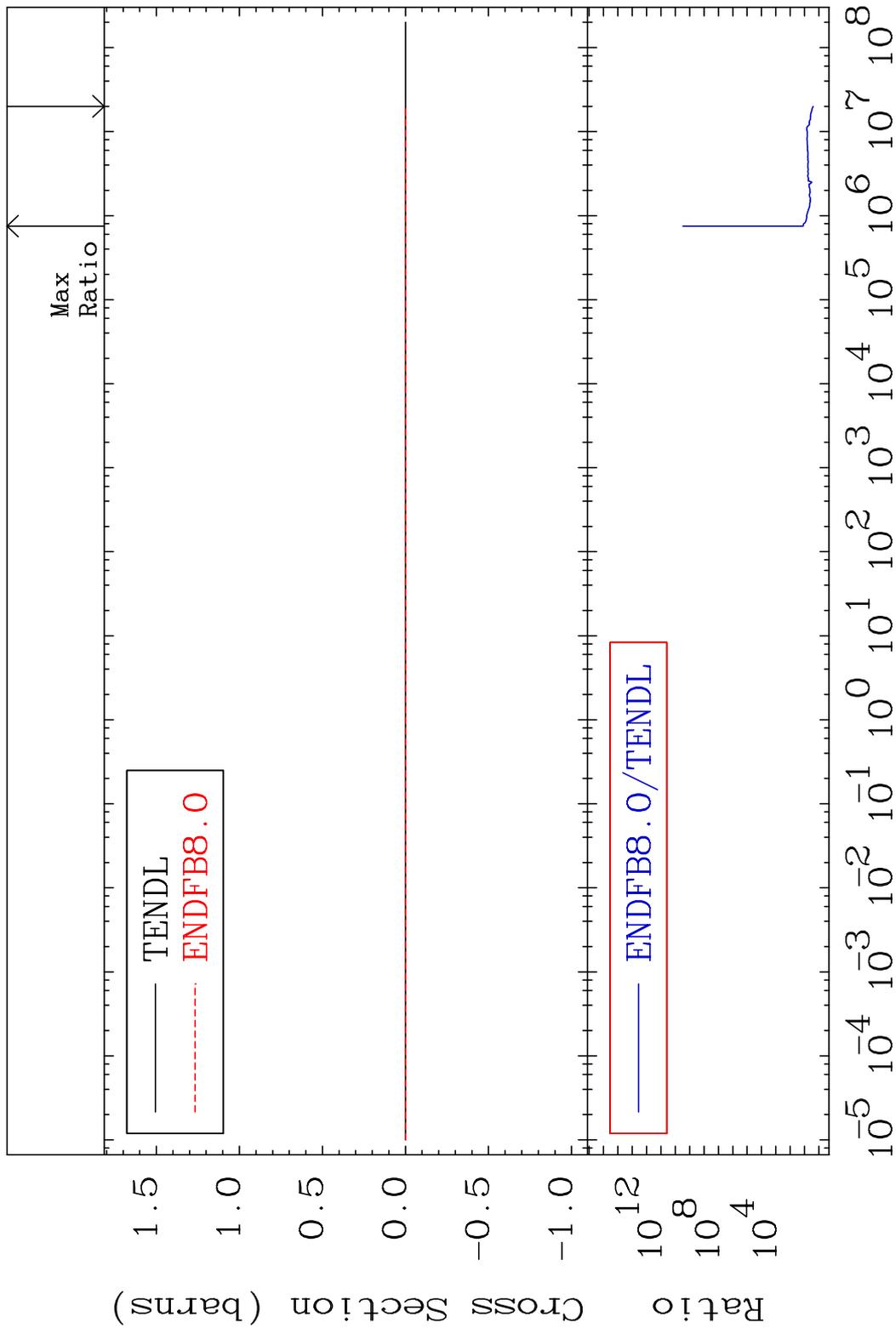


29 Incident Energy (eV) 52-Te-128

MAT 5249 Kerma inelastic (mt51-91) 52-Te-128  
 Cross Section 2420. To 9999. %

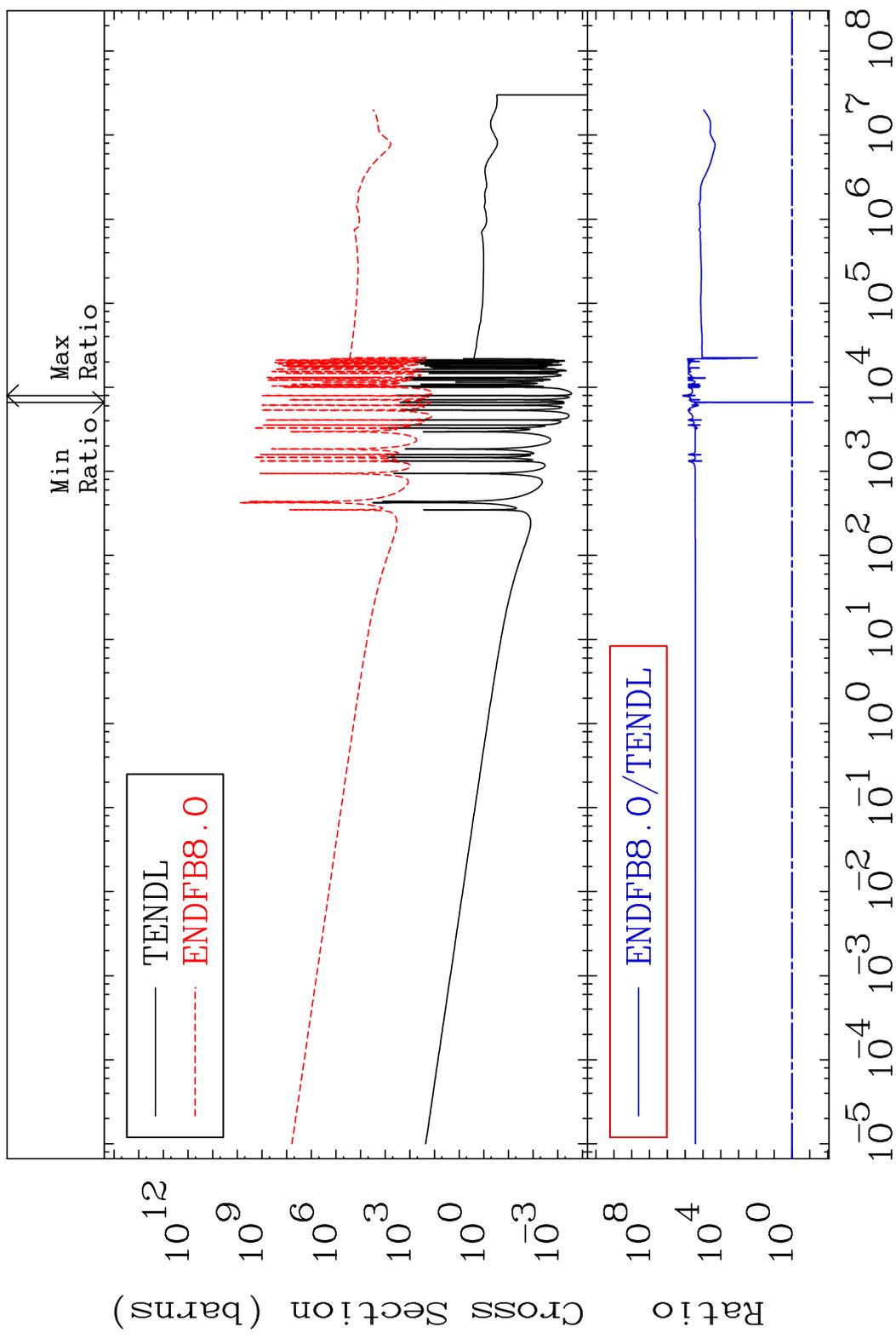


MAT 5249 Kerma fission (mt18 or mt19-20-21-38) 52-Te-128  
 Cross Section 2420. To 9999. %



MAT 5249

Kerma capture (mt102) 52-Te-128  
Cross Section -93.44 To 9999. %

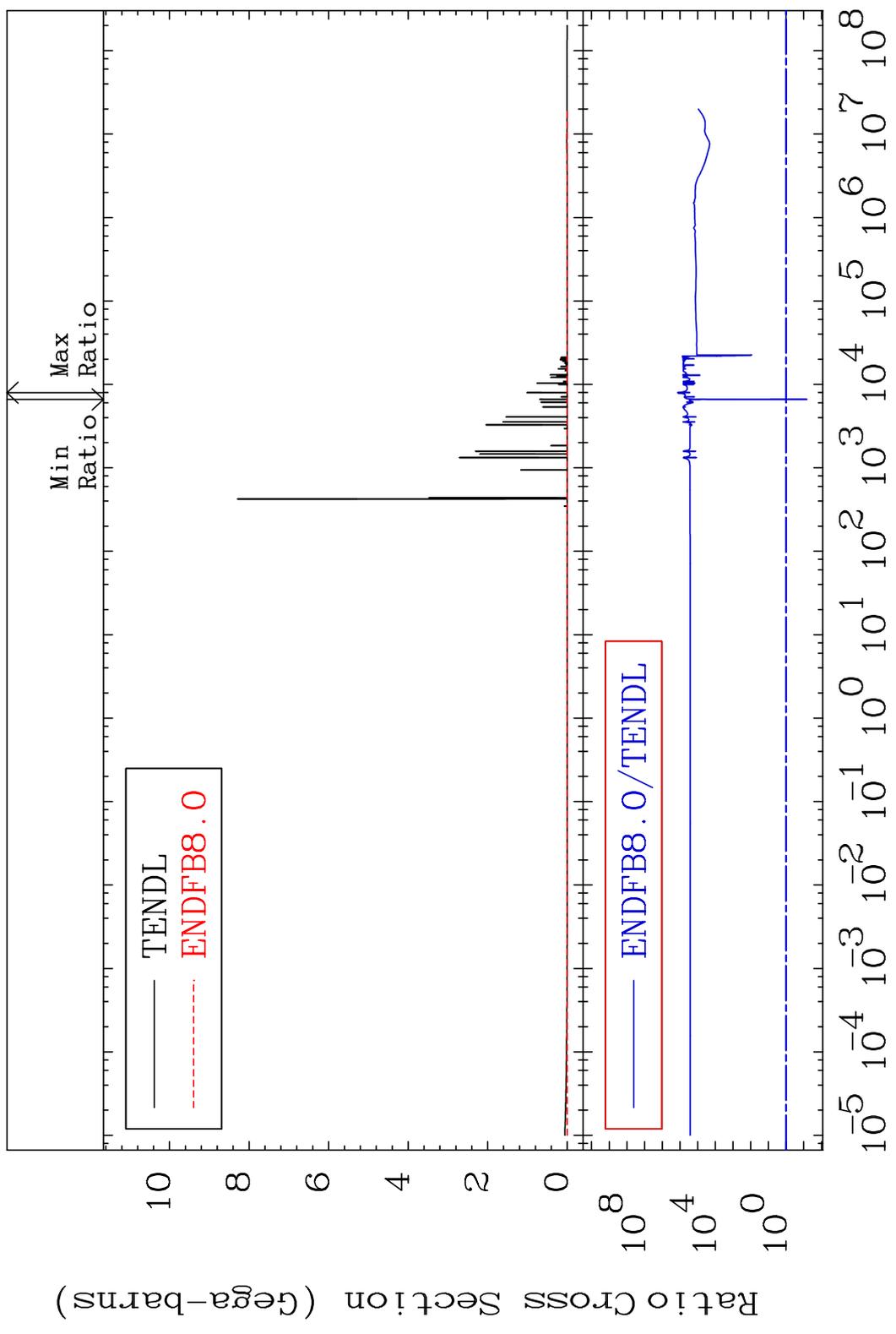


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Incident Energy (eV) 52-Te-128

MAT 5249

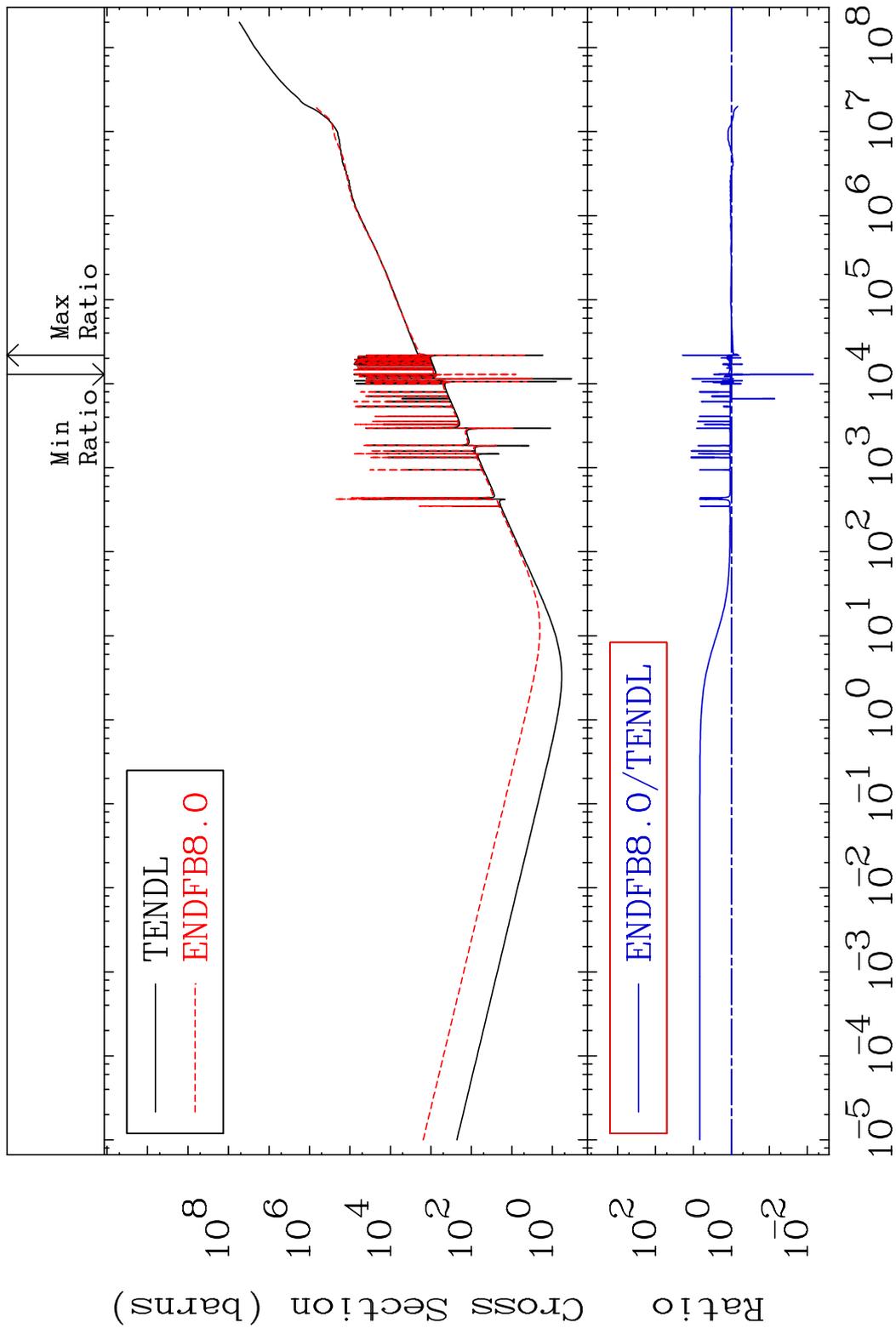
Total photon (eV-barns) 52-Te-128  
Cross Section -93.44 To 9999. %



33

Incident Energy (eV) 52-Te-128

MAT 5249 Total kinematic kerma (high limit) 52-Te-128  
 Cross Section -99.30 To 1803. %

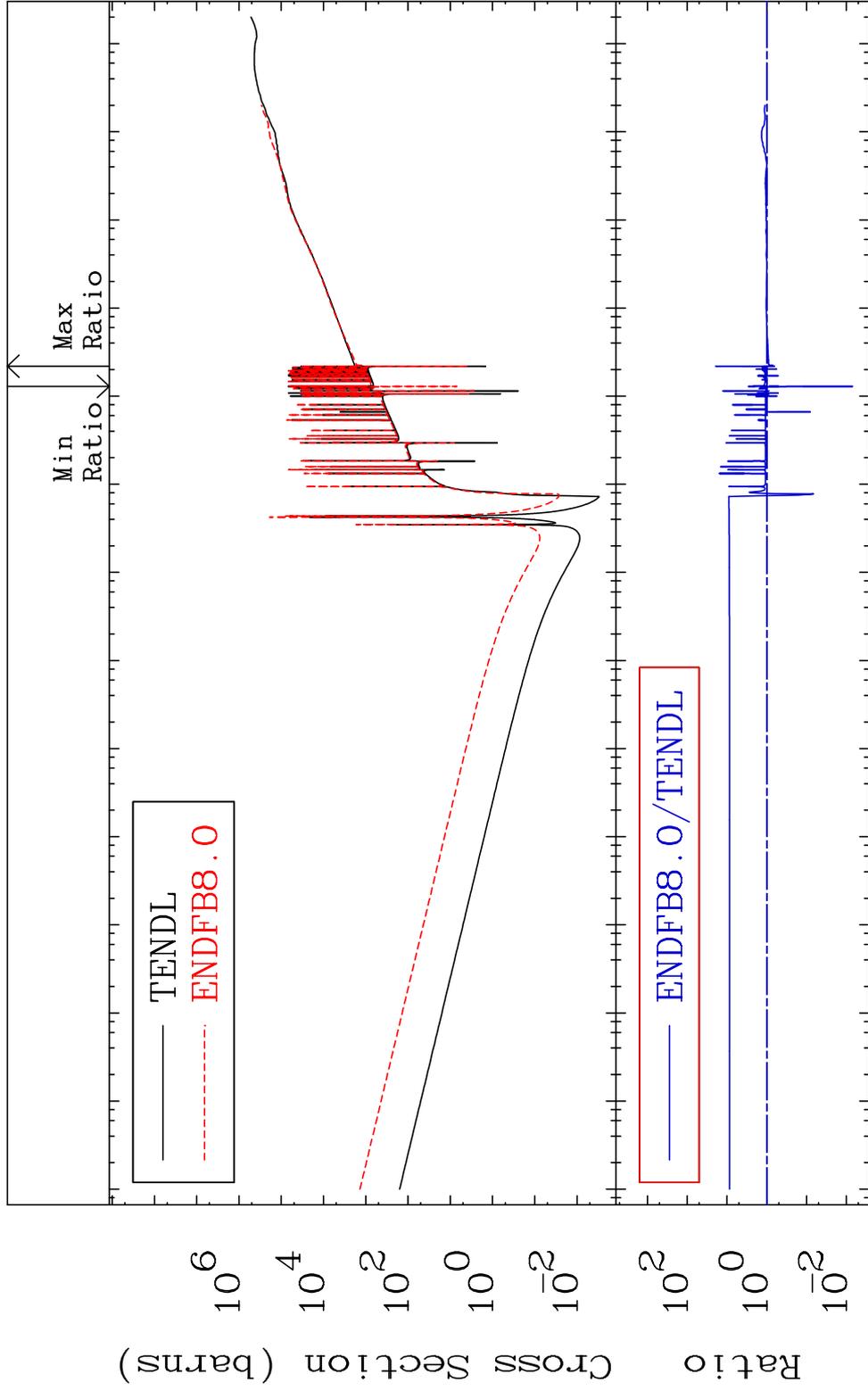


MAT 5249

Dpa total (eV-barns)

52-Te-128

Cross Section -99.30 To 1804. %



Ratio

10<sup>6</sup>

10<sup>4</sup>

10<sup>2</sup>

10<sup>0</sup>

10<sup>-2</sup>

10<sup>2</sup>

10<sup>0</sup>

10<sup>-2</sup>

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

35

Incident Energy (eV)

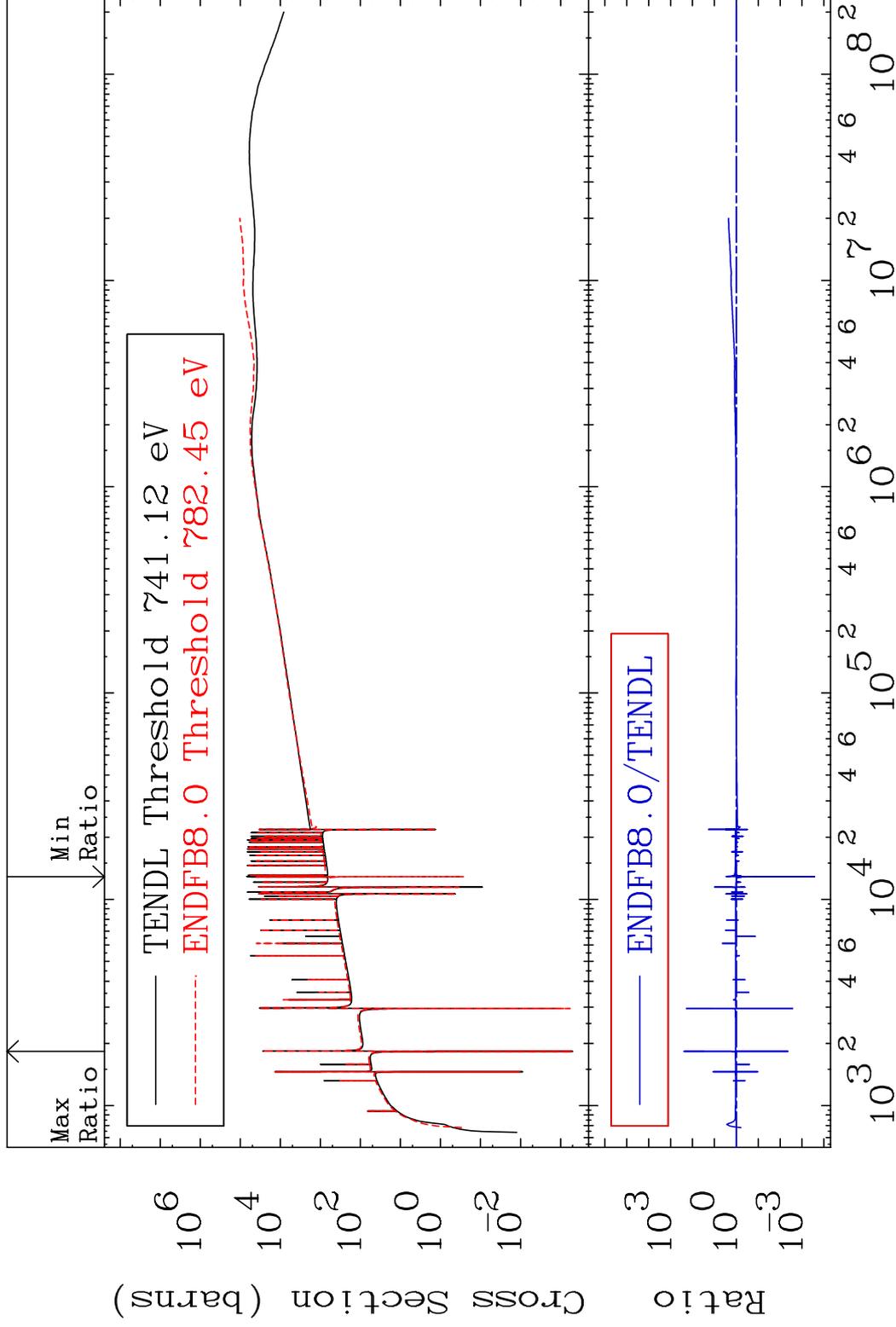
52-Te-128

MAT 5249

Dpa elastic (mt2)

52-Te-128

Cross Section -99.97 To 9999. %

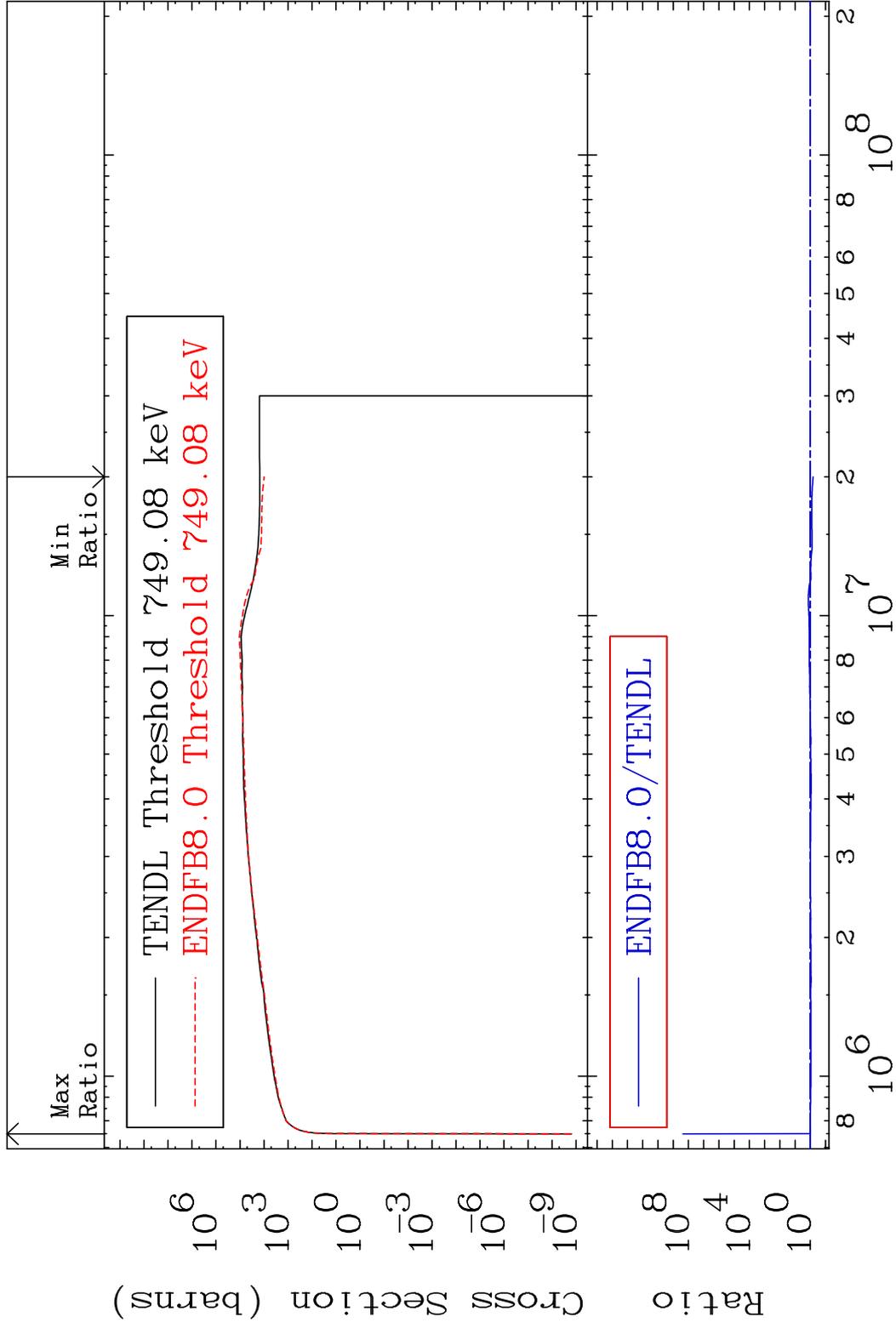


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Incident Energy (eV)

52-Te-128

MAT 5249 Dpa inelastic (mt51-91) 52-Te-128  
 Cross Section -34.75 To 9999. %



MAT 5249 Dpa disappearance (mt102 -120) 52-Te-128  
 Cross Section -100.0 To 9999. %

