

Program Complot  
(Version 2021-1)

by

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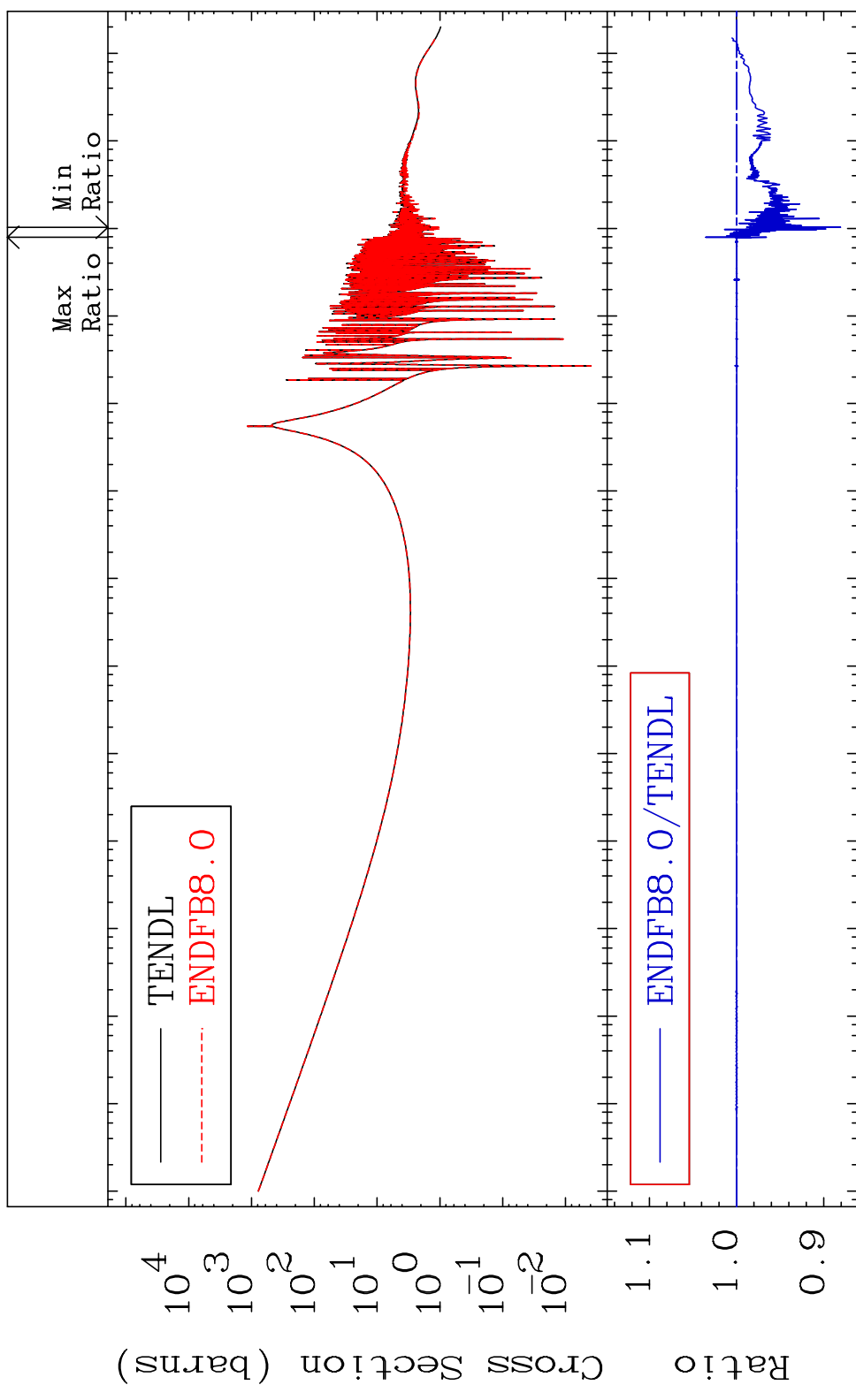
Press Mouse Button to Start

MAT 2425

Total

24-Cr-50

Cross Section -11.91 To 3.530 %

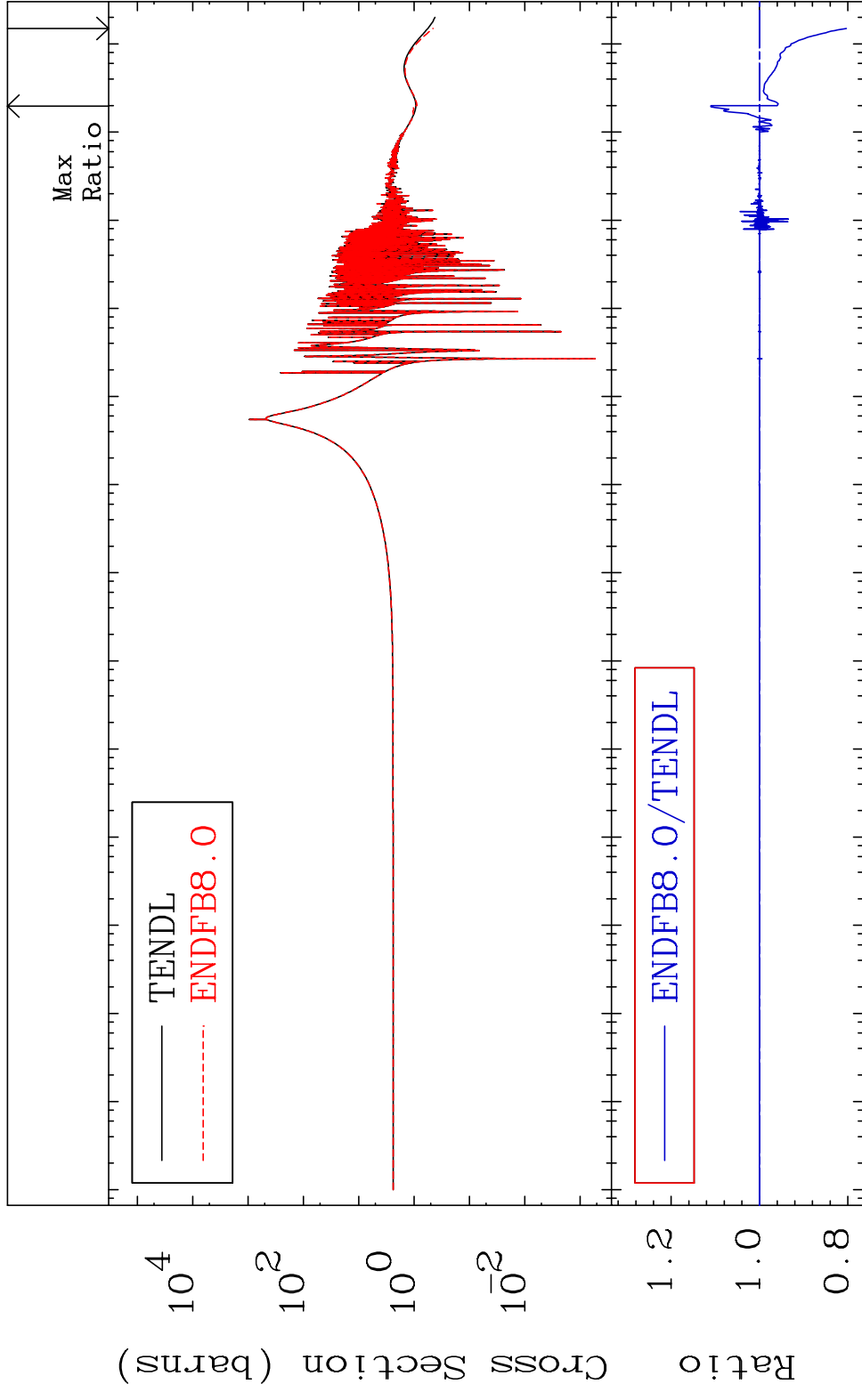


10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

Incident Energy (eV)

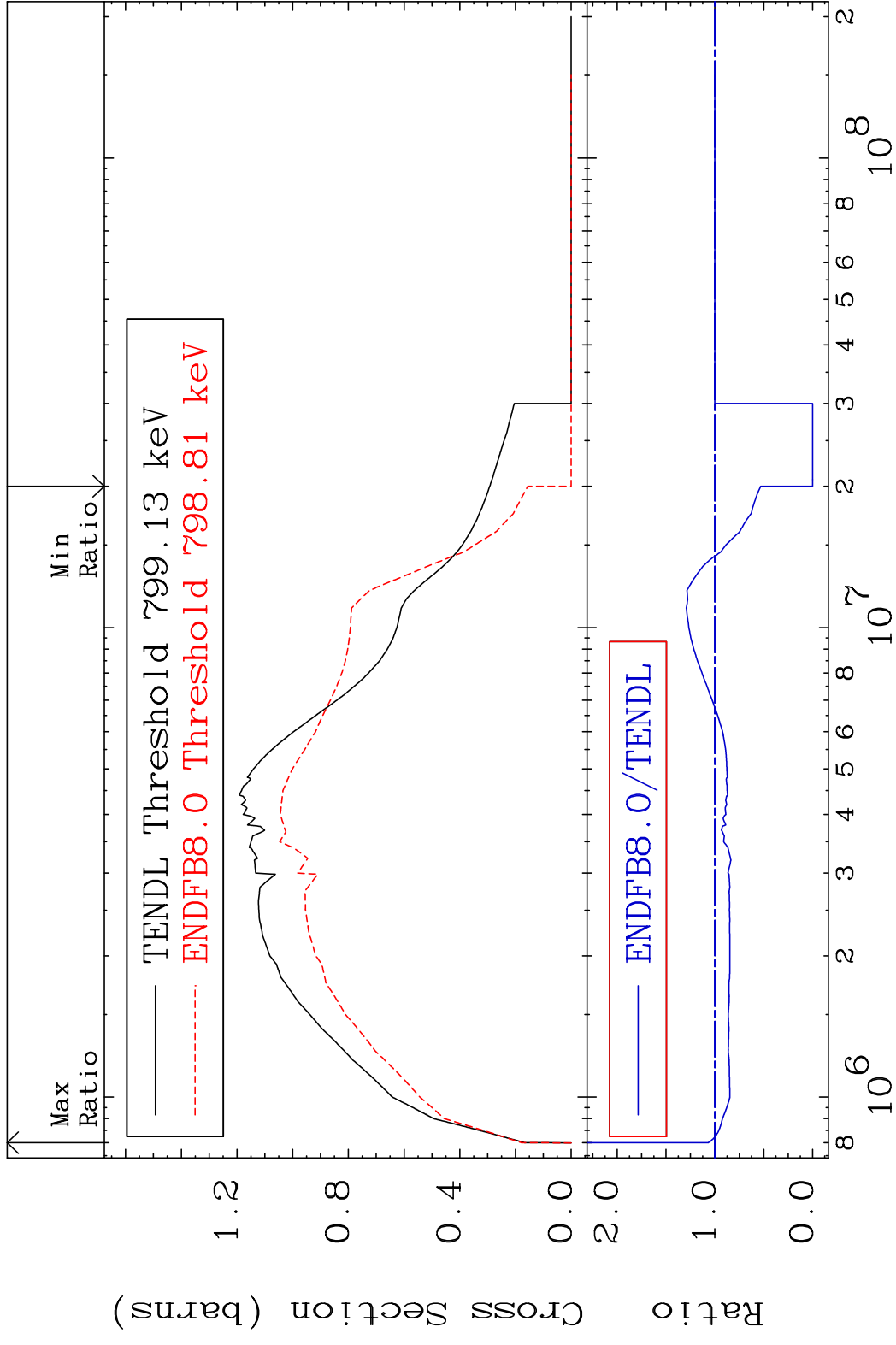
24-Cr-50

MAT 2425                      Elastic                      24-Cr-50  
 Cross Section                      -19.65 To 11.05 %



2                      Incident Energy (eV)                      24-Cr-50

MAT 2425 Inelastic Cross Section -100.0 To 33.30 % 24-Cr-50



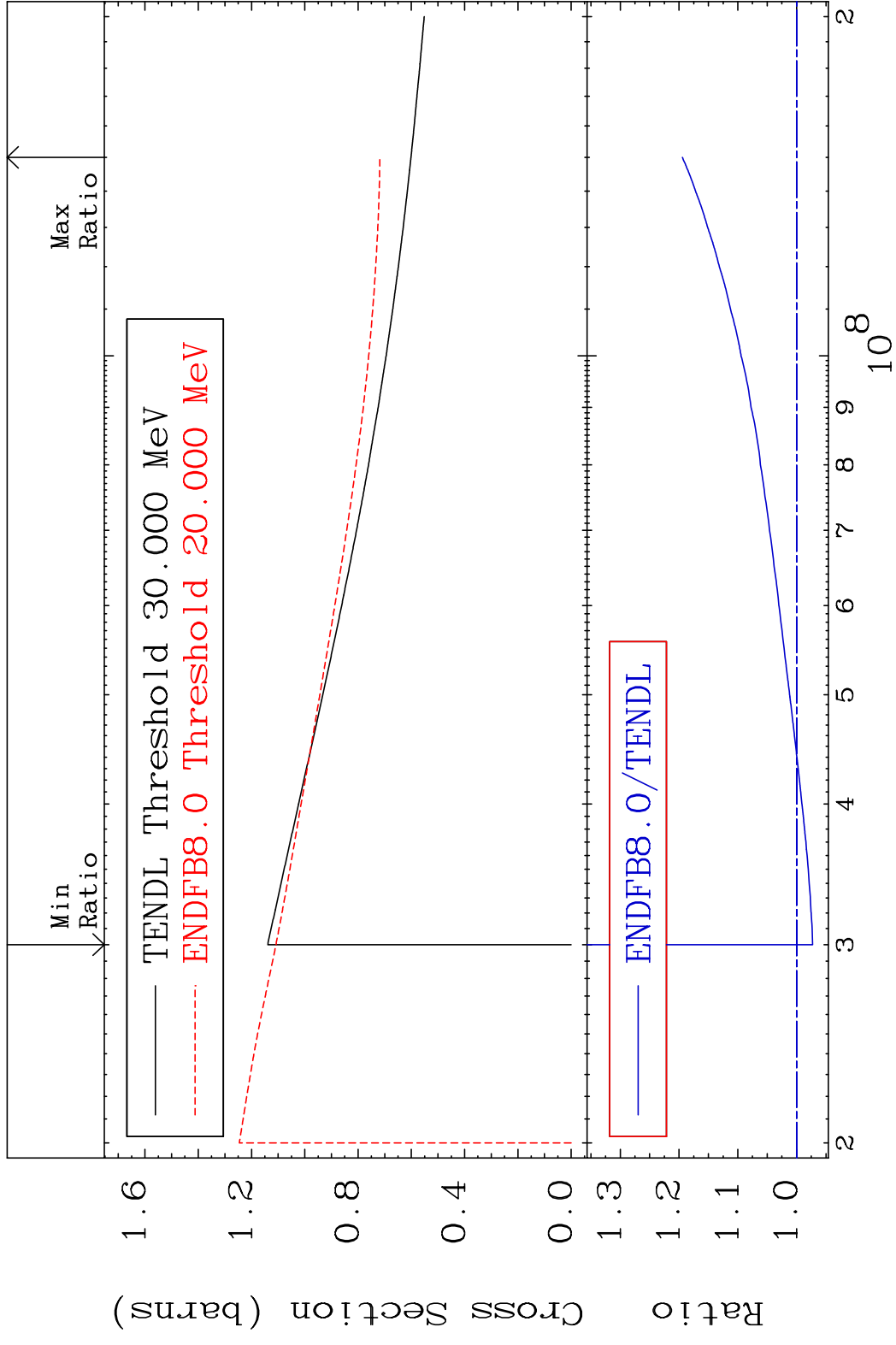
3 8 10<sup>6</sup> 2 3 4 5 6 8 10<sup>8</sup> 2

MAT 2425

(n, remainder)

24-Cr-50

Cross Section -2.717 To 19.44 %



4

Incident Energy (eV)

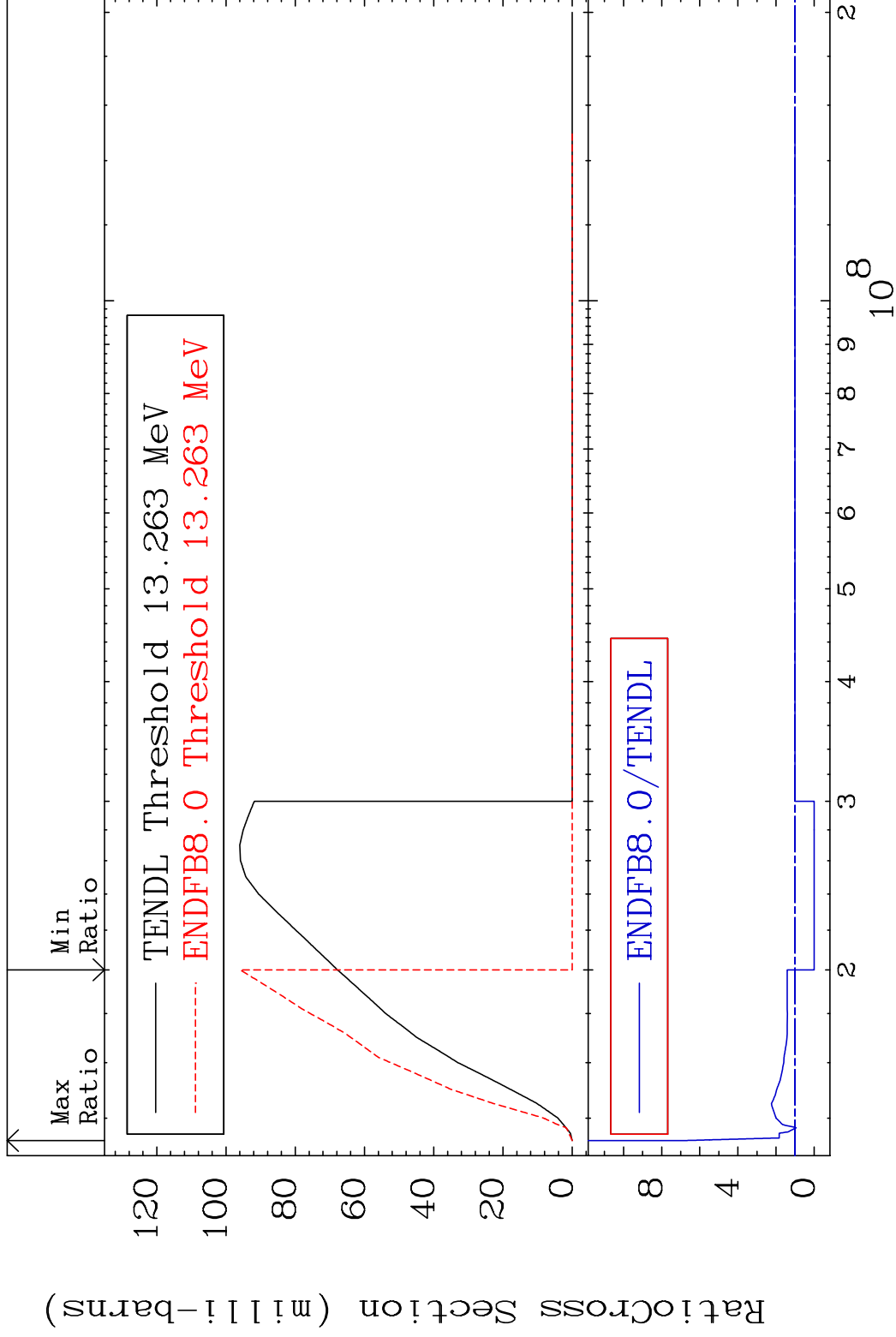
24-Cr-50

MAT 2425

(n,2n)

<sup>24</sup>Cr-50

Cross Section -100.0 To 584.6 %

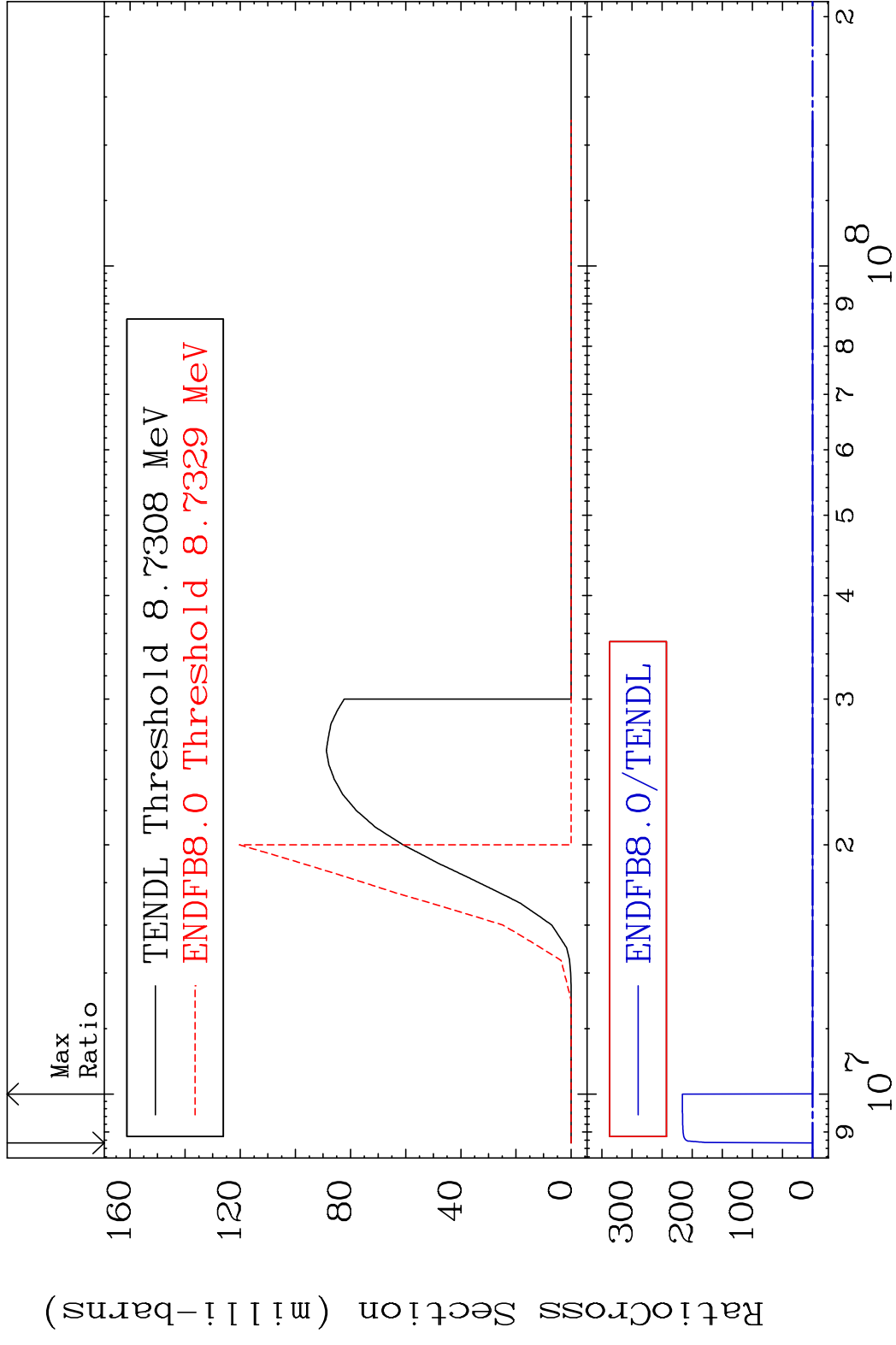


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Incident Energy (eV)

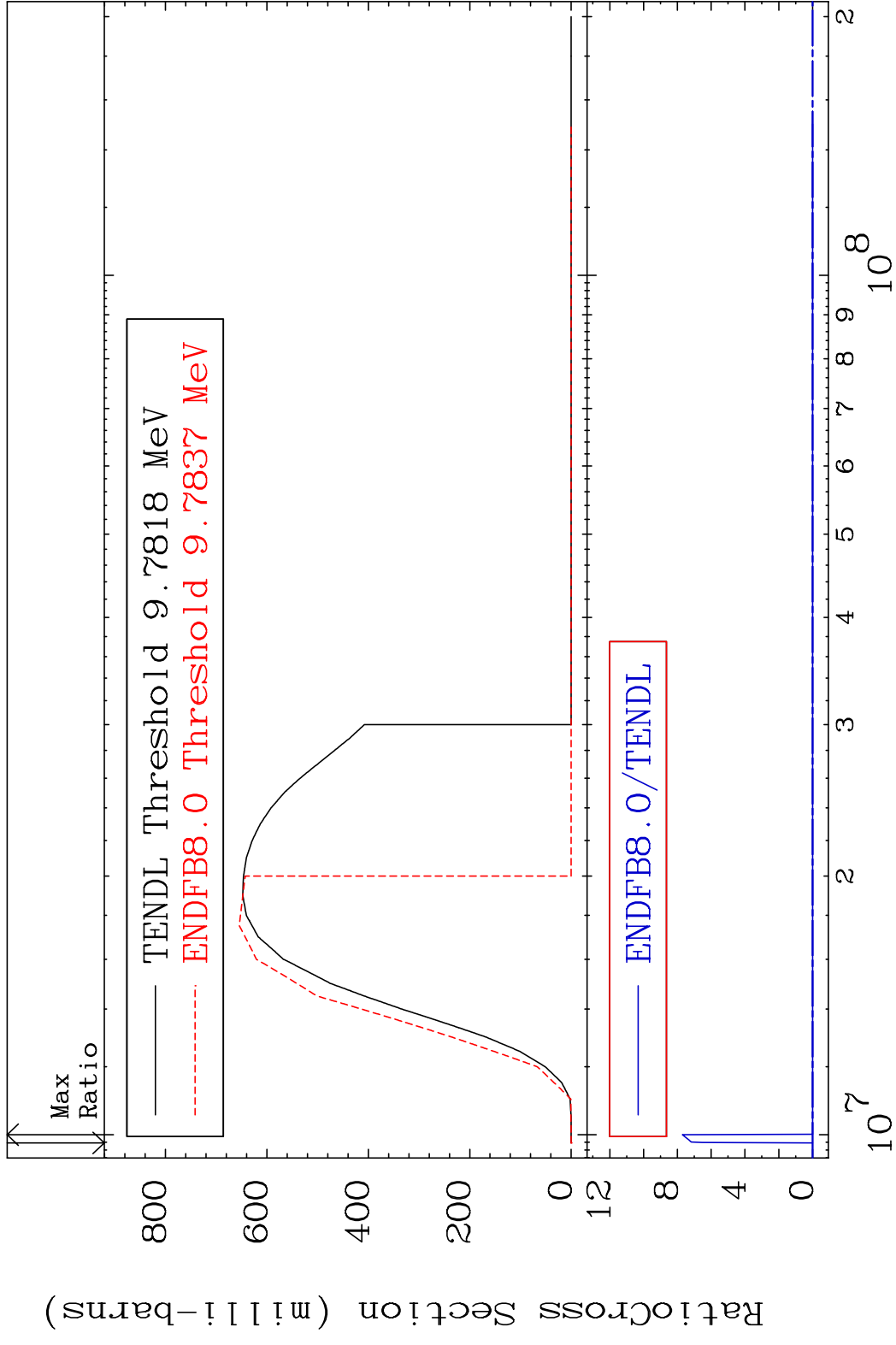
<sup>24</sup>Cr-50

MAT 2425 (n, n')  $\alpha$  24-Cr-50  
 Cross Section -100.0 To 9999. %



6 24-Cr-50

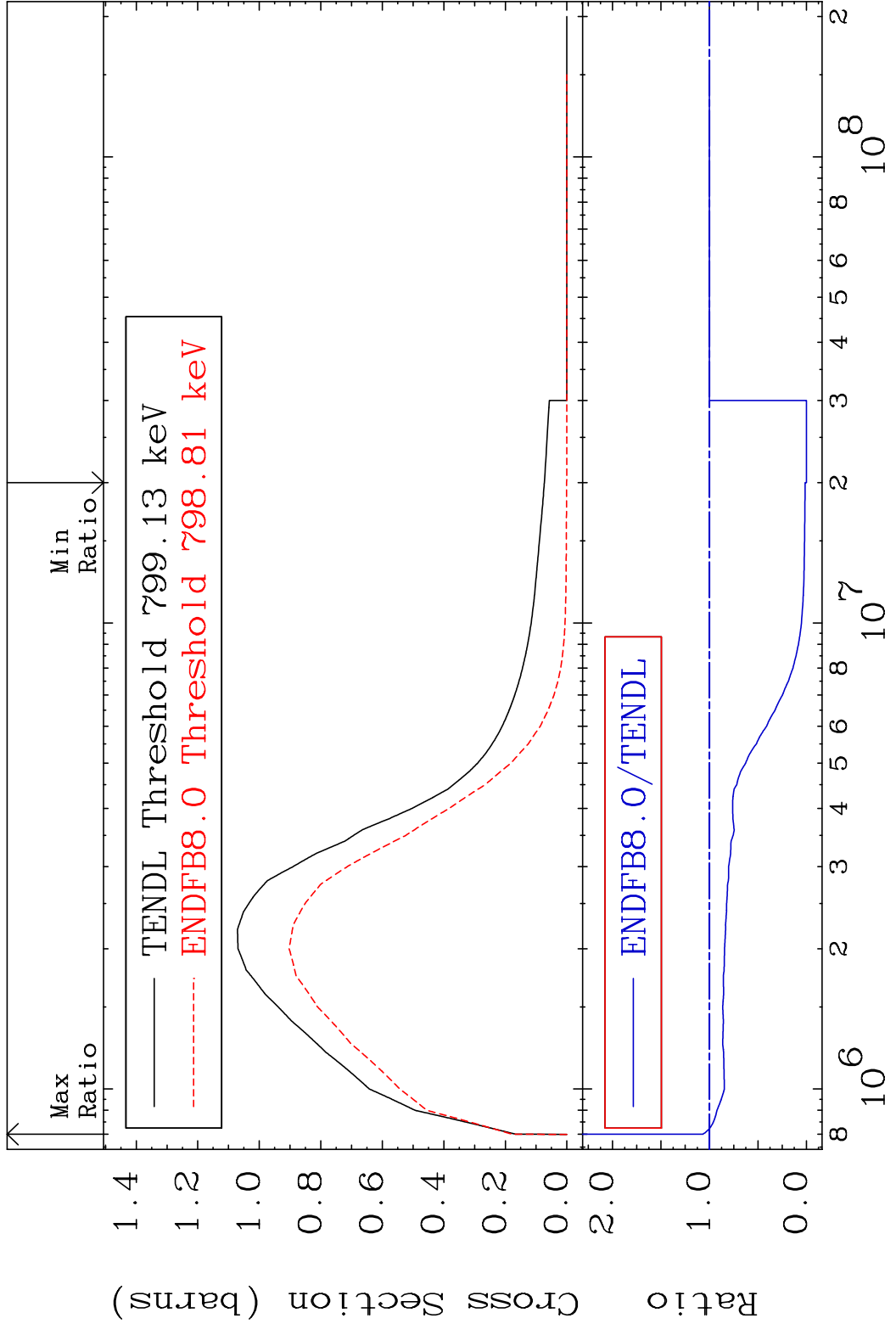
MAT 2425 (n, n') p 24-Cr-50  
 Cross Section -100.0 To 9999. %



7 Incident Energy (eV) 24-Cr-50

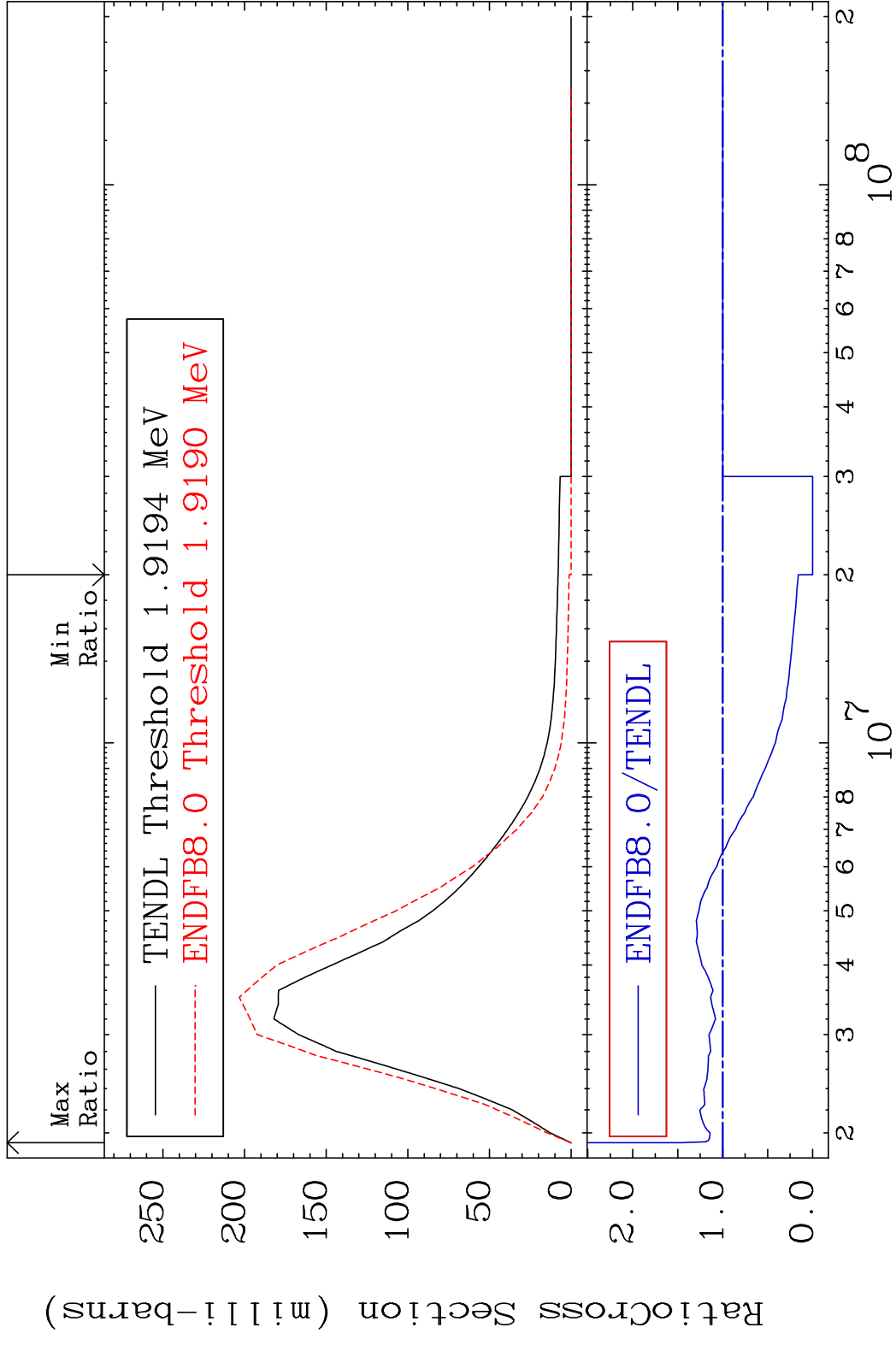


MAT 2425 MT= 51 (n, n') Level 24-Cr-50  
 Cross Section -100.0 To 33.30 %

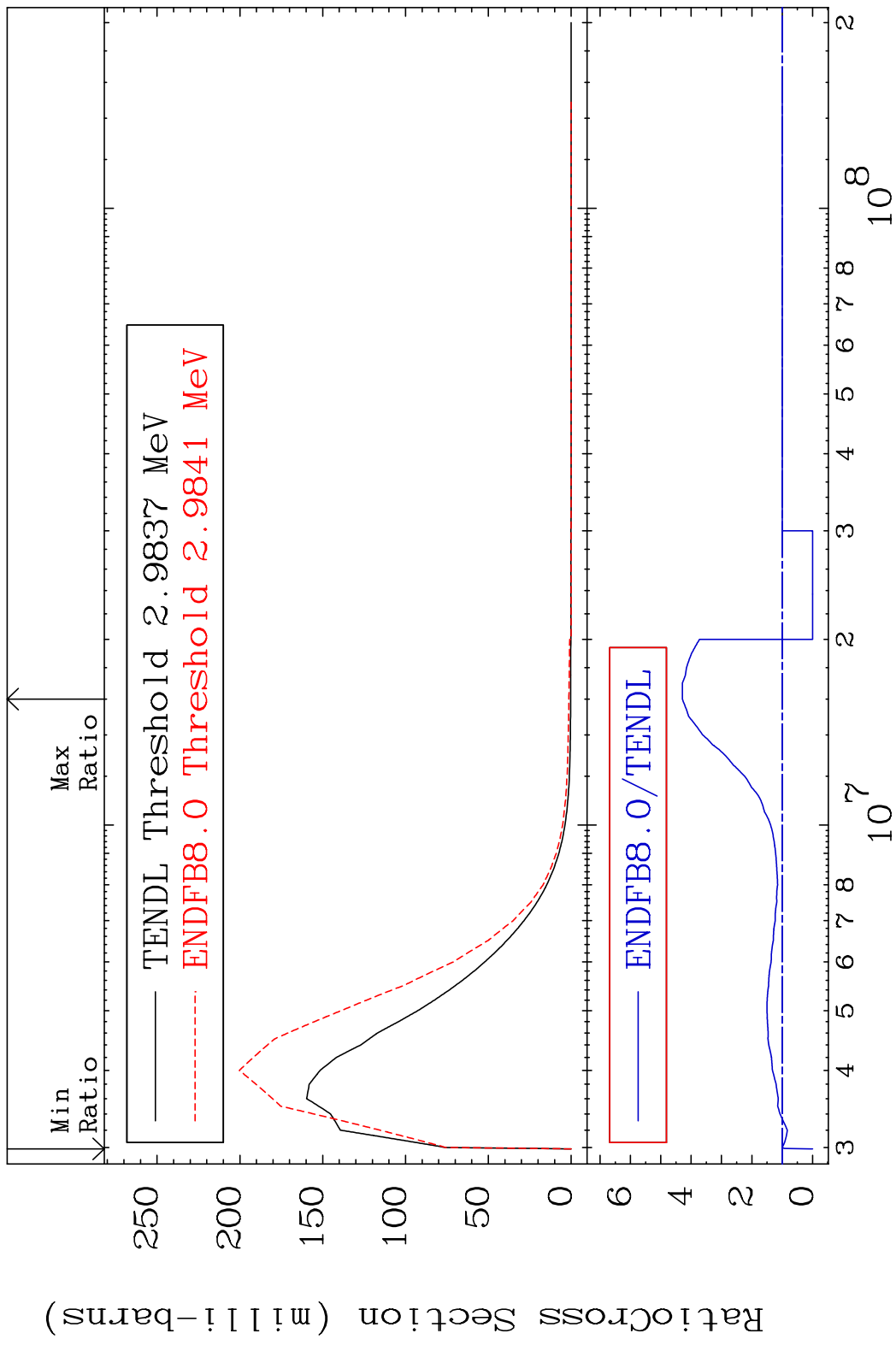


8 Incident Energy (eV) 24-Cr-50

MAT 2425 MT= 52 (n, n') Level 24-Cr-50  
 Cross Section -100.0 To 44.84 %

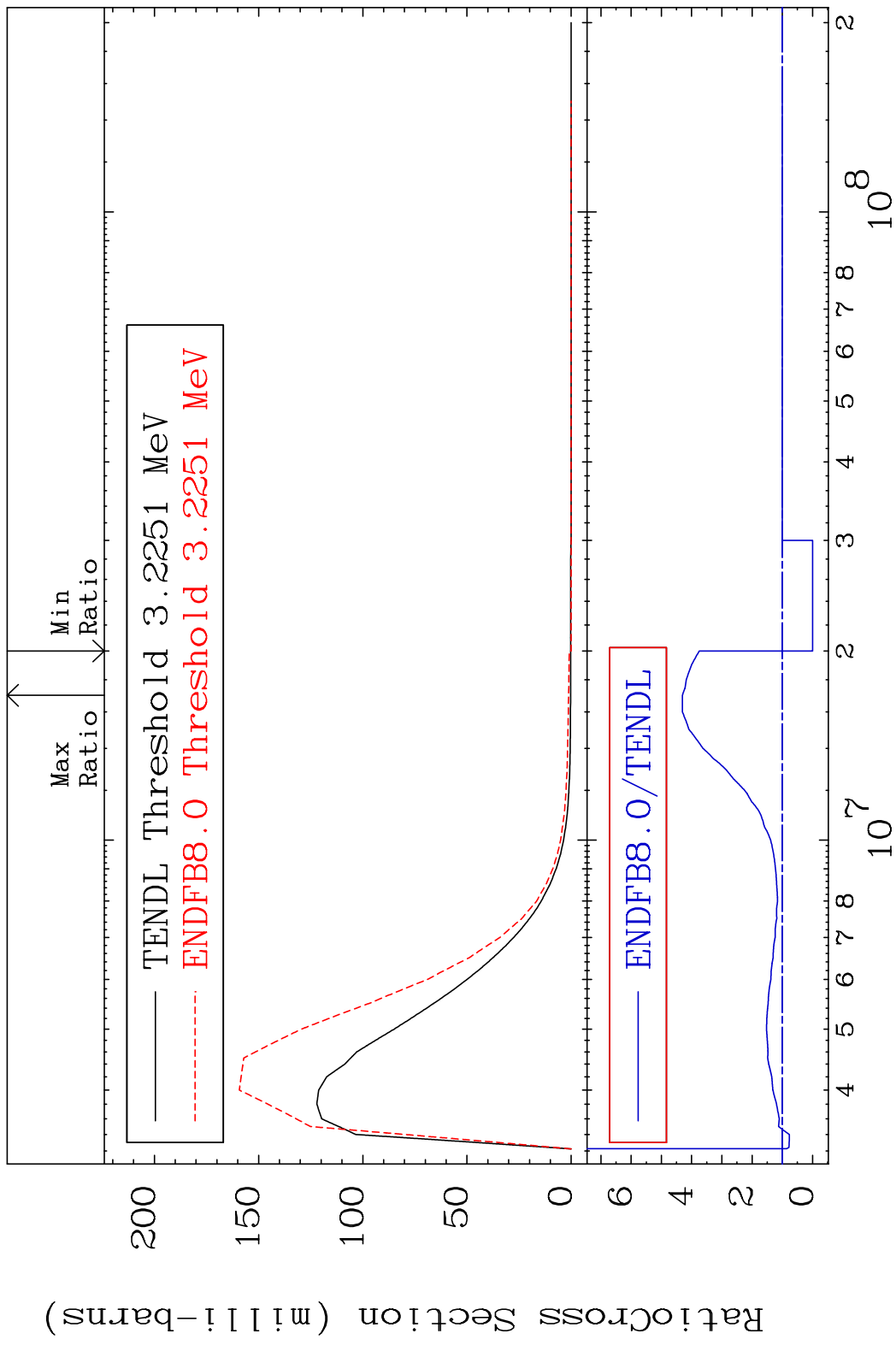


MAT 2425 MT= 53 (n, n') Level 24-Cr-50  
 Cross Section -100.0 To 328.9 %

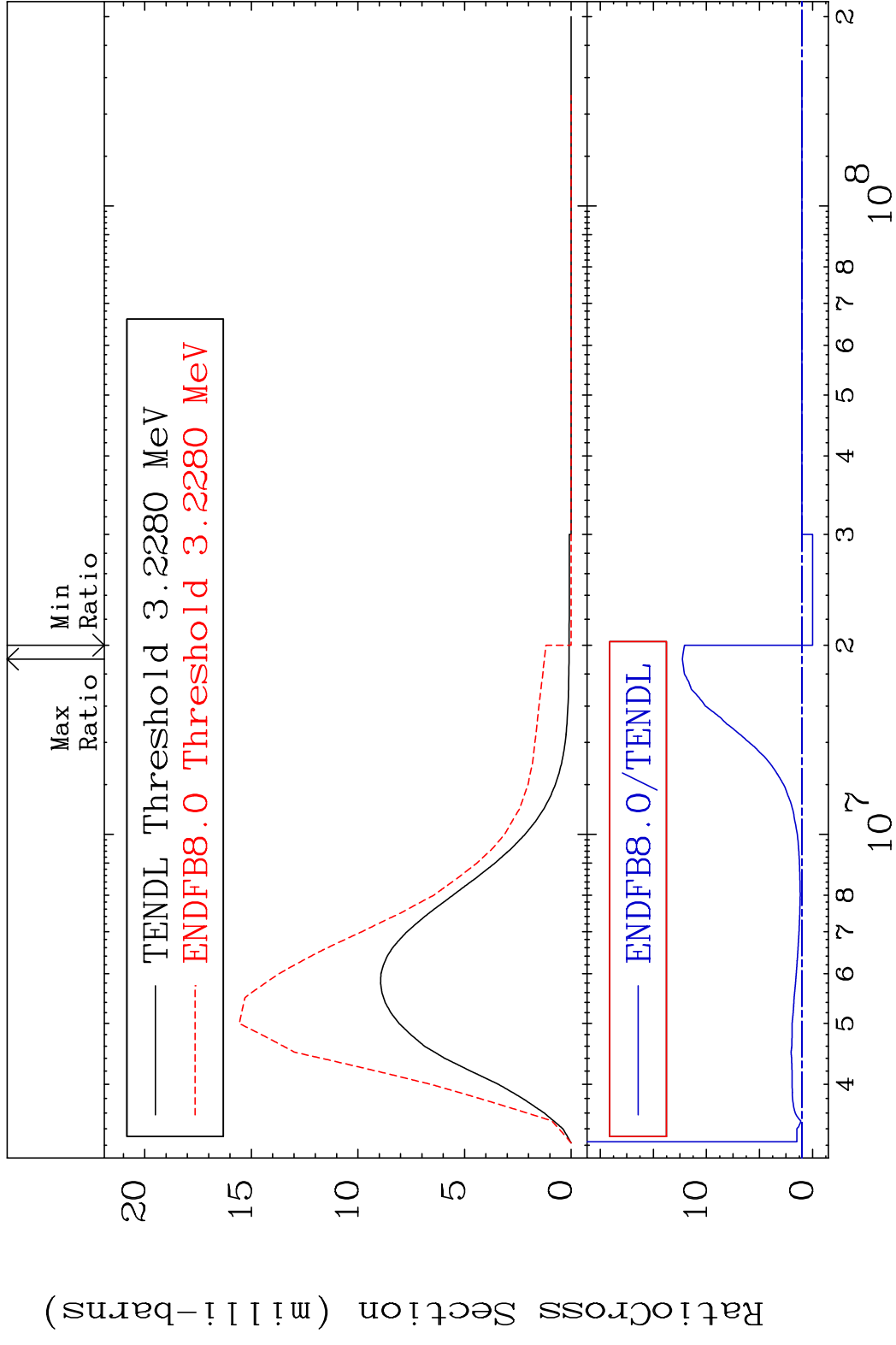


10 24-Cr-50

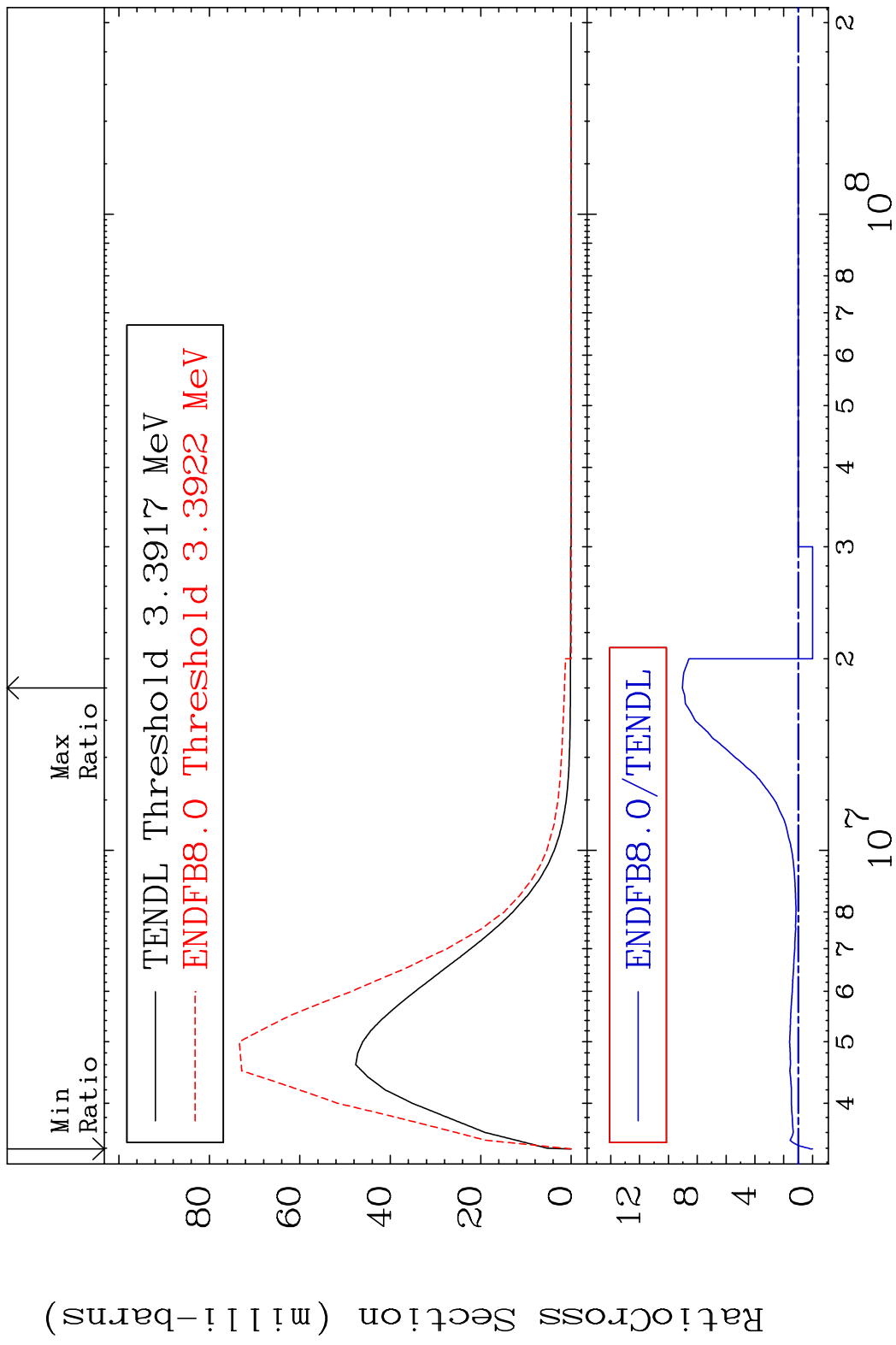
MAT 2425 MT= 54 (n, n') Level 24-Cr-50  
 Cross Section -100.0 To 330.7 %



MAT 2425 MT= 55 (n, n') Level 24-Cr-50  
 Cross Section -100.0 To 1127. %



MAT 2425 MT= 56 (n,n') Level 24-Cr-50  
 Cross Section -100.0 To 803.3 %

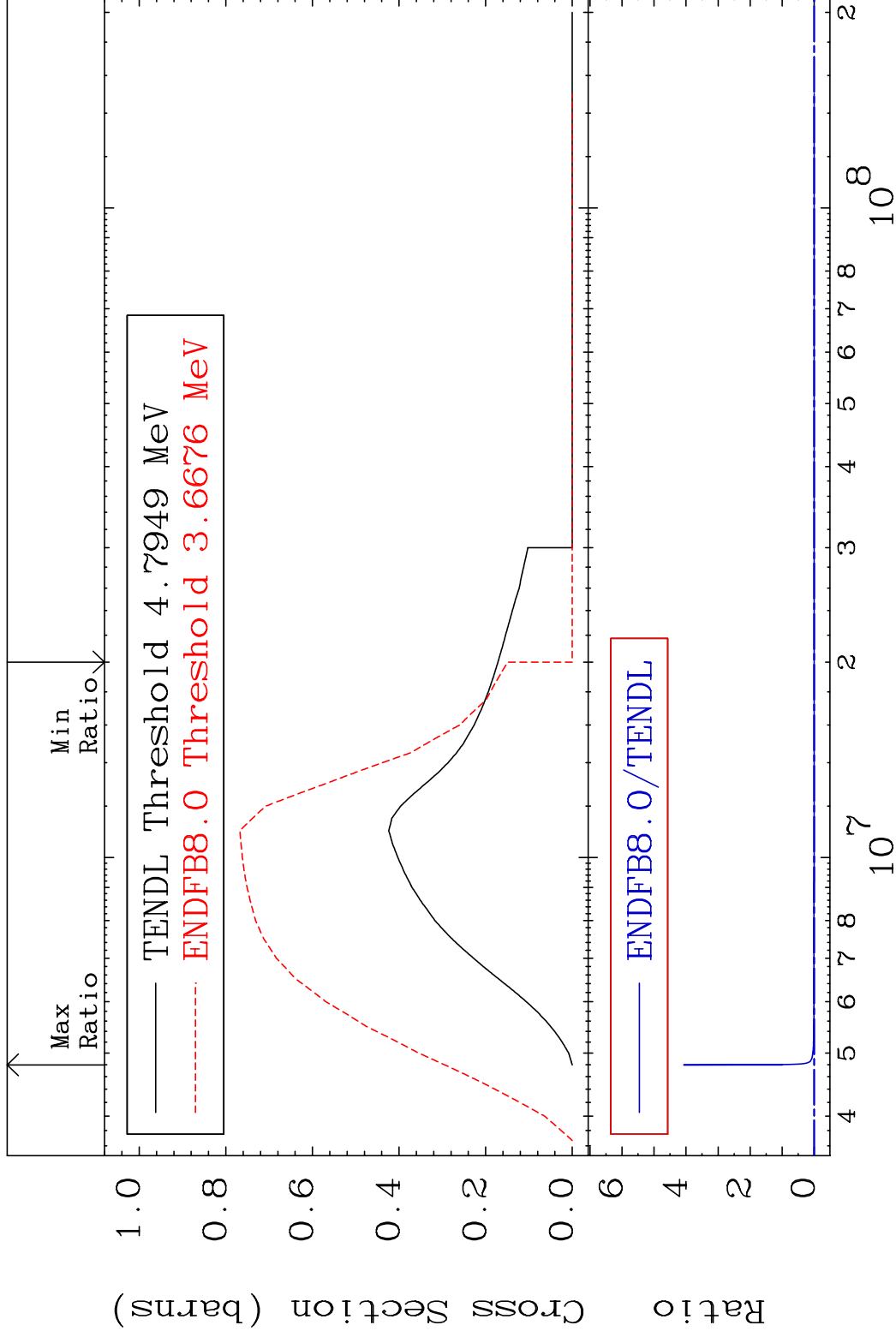


MAT 2425

(n,n') Continuum

<sup>24</sup>Cr-50

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

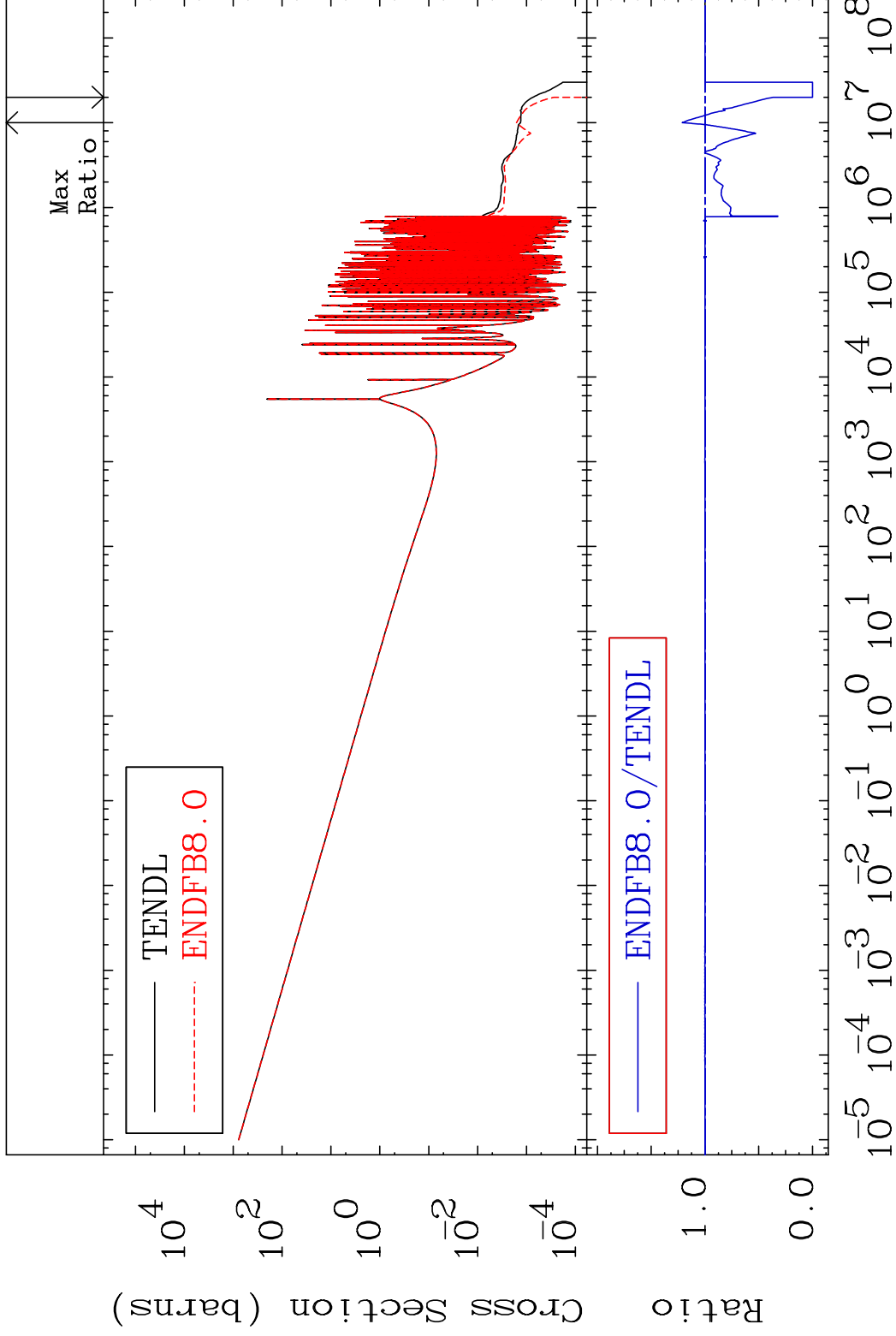
<sup>24</sup>Cr-50

MAT 2425

(n,  $\gamma$ )

24-Cr-50

Cross Section -100.0 To 21.20 %



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Incident Energy (eV)

24-Cr-50

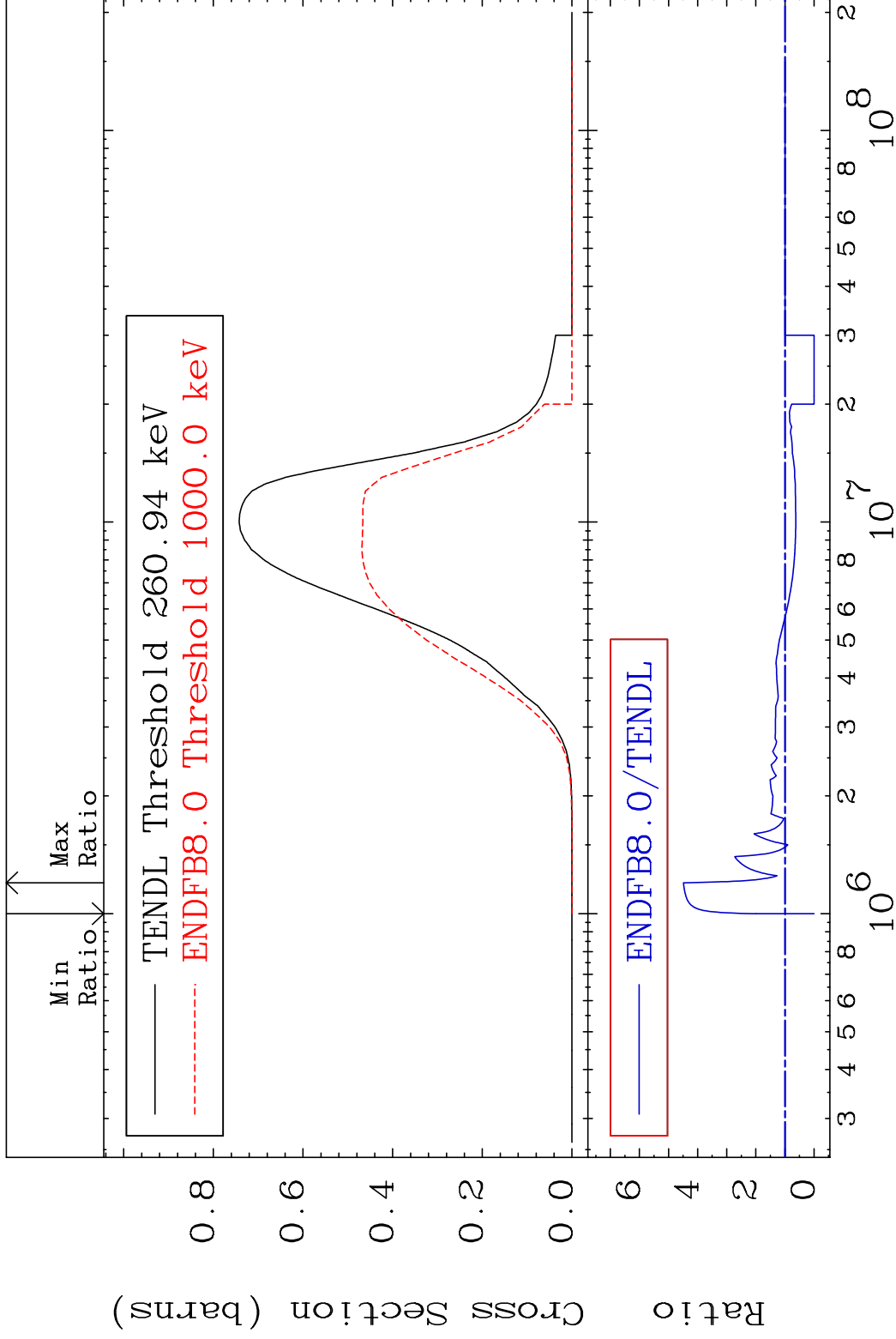


MAT 2425

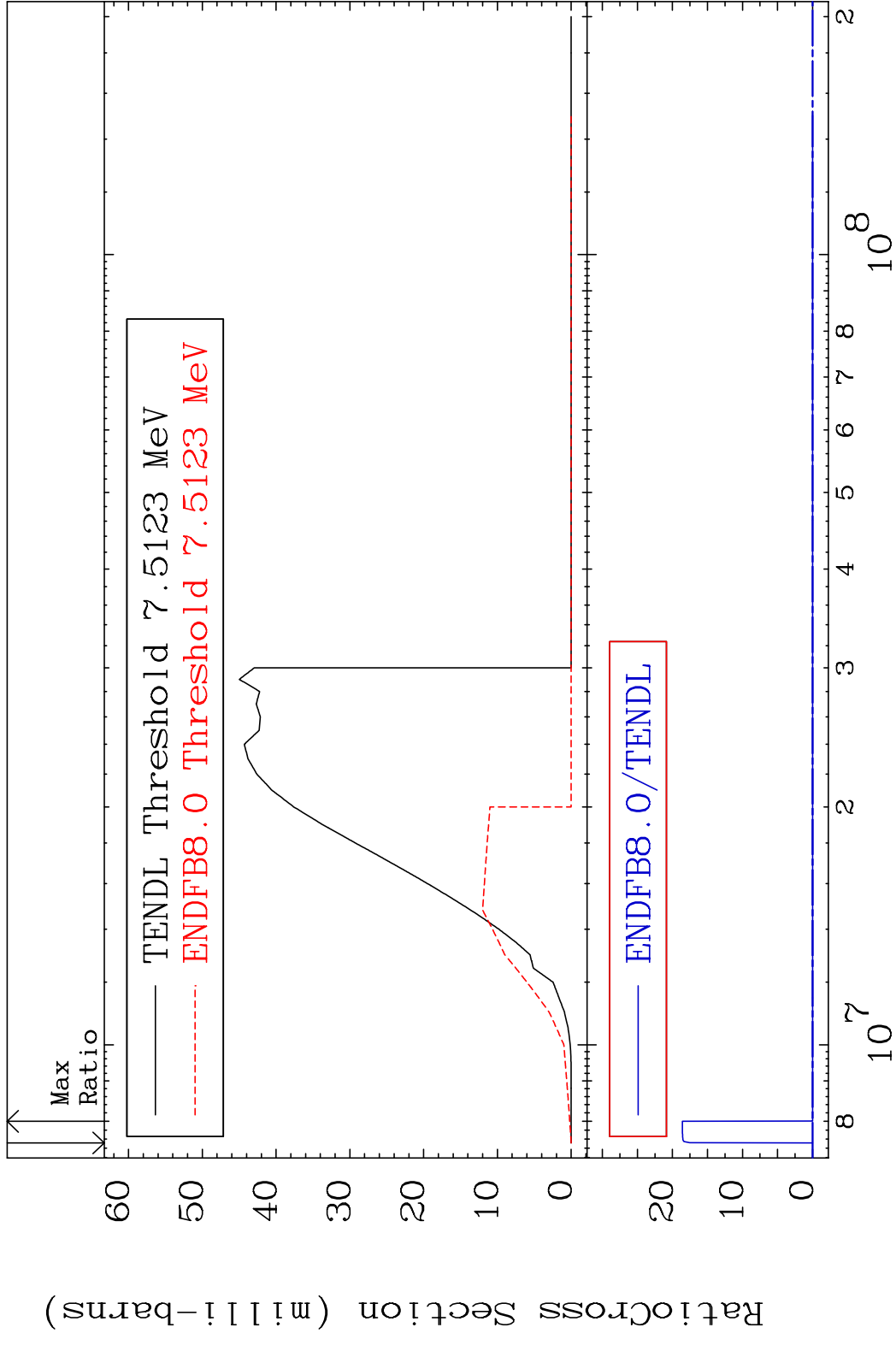
(n,p)

<sup>24</sup>Cr-50

Cross Section -100.0 To 348.7 %



MAT 2425 (n,d) 24-Cr-50  
 Cross Section -100.0 To 9999. %

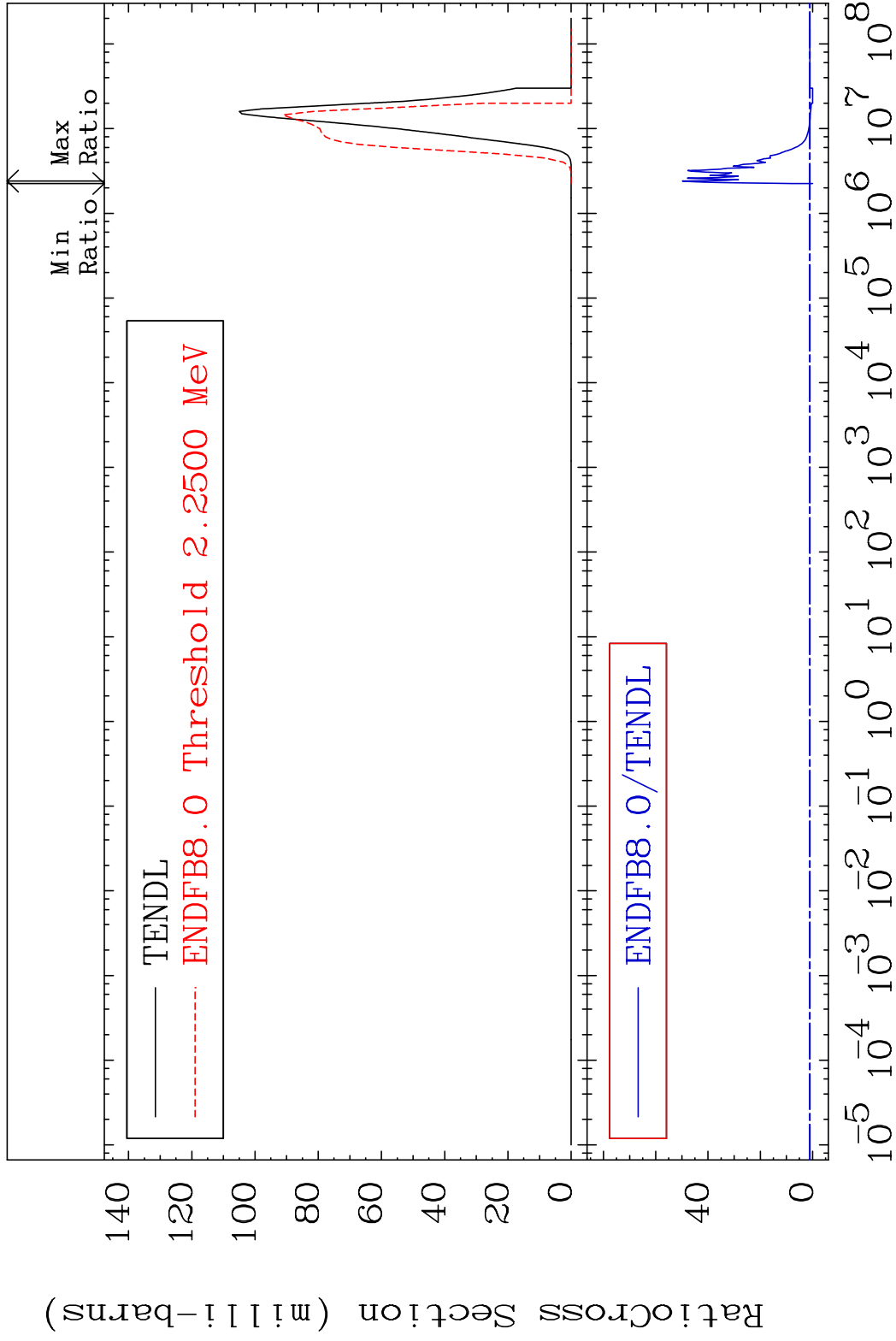


MAT 2425

(n,  $\alpha$ )

24-Cr-50

Cross Section -100.0 To 4882. %



18

Incident Energy (eV)

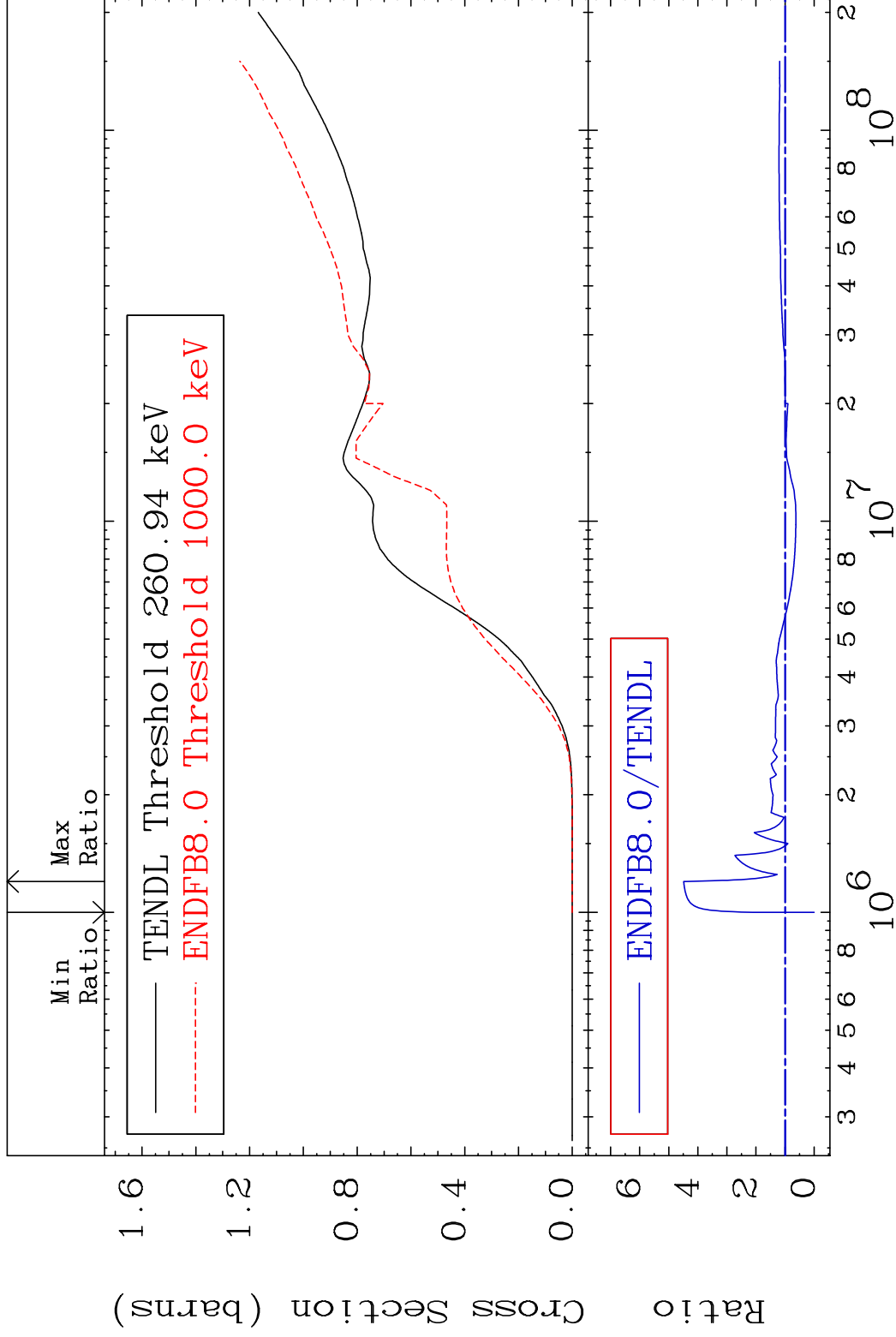
24-Cr-50

MAT 2425

Hydrogen Production

<sup>24</sup>Cr-50

Cross Section -100.0 To 348.7 %

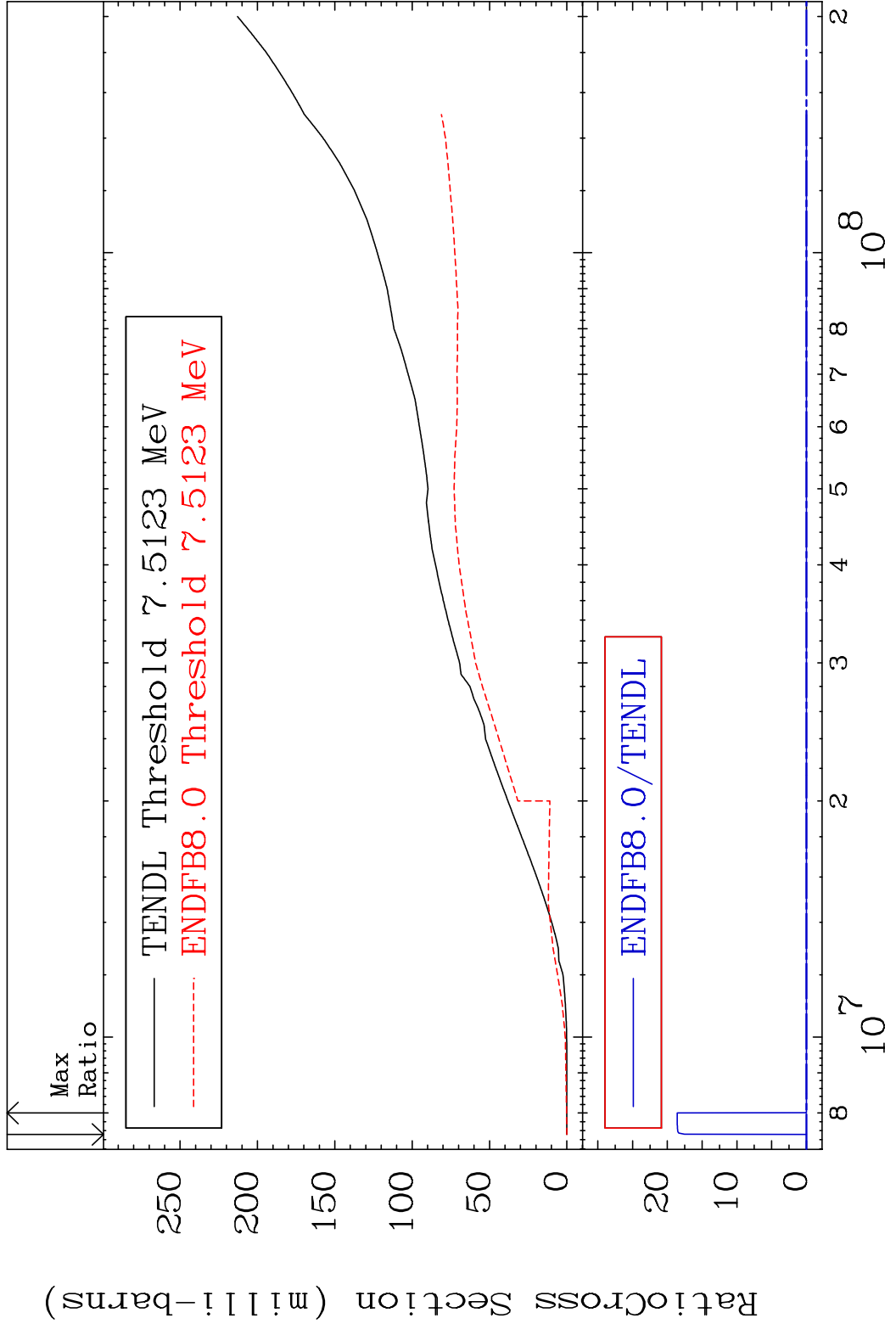


19

Incident Energy (eV)

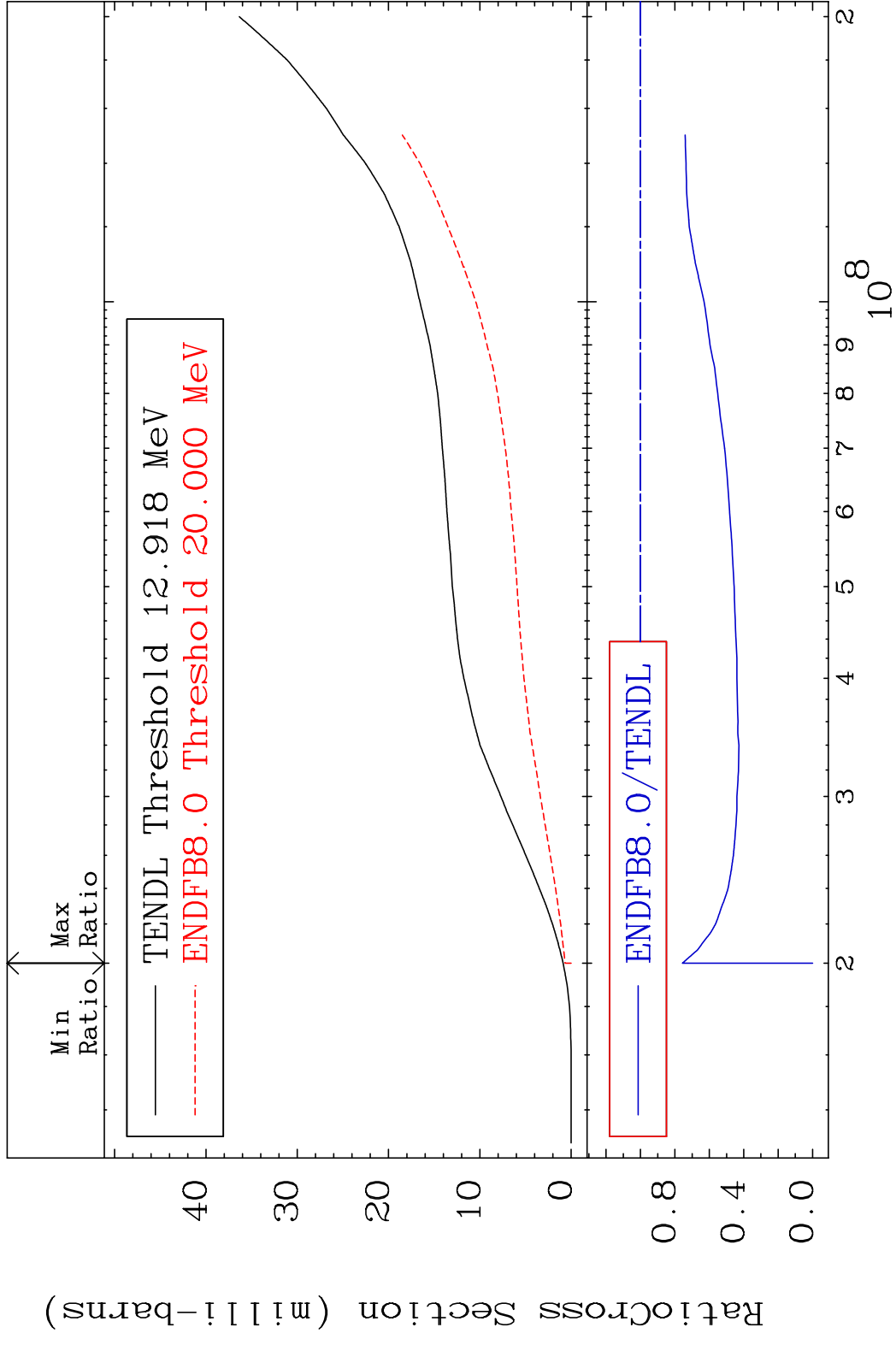
<sup>24</sup>Cr-50

MAT 2425 Deuterium Production <sup>24</sup>Cr-50  
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) <sup>24</sup>Cr-50

MAT 2425 Tritium Production 24-Cr-50  
 Cross Section -100.0 To -24.32%

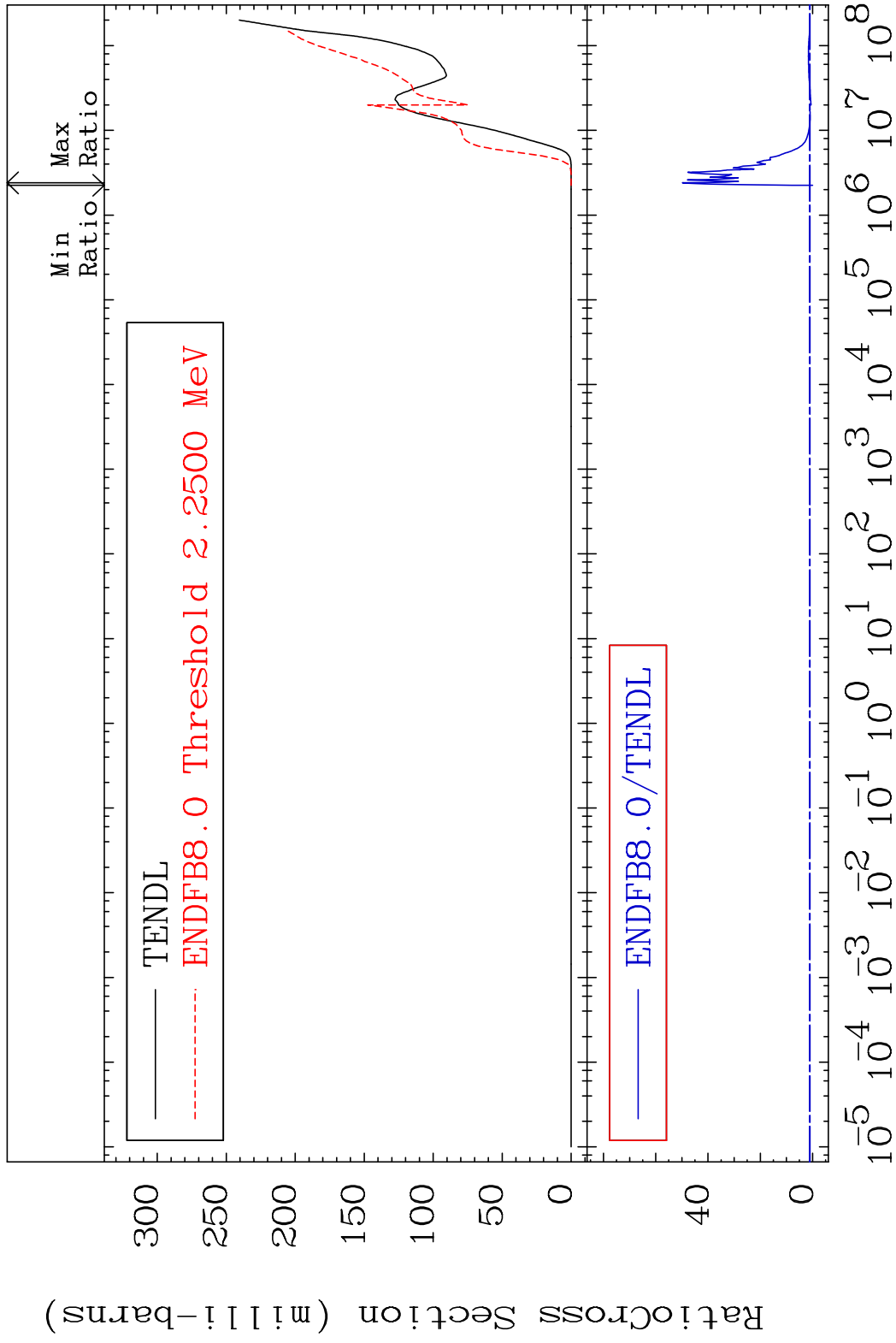


MAT 2425

He-4 Production

24-Cr-50

Cross Section -100.0 To 4882. %

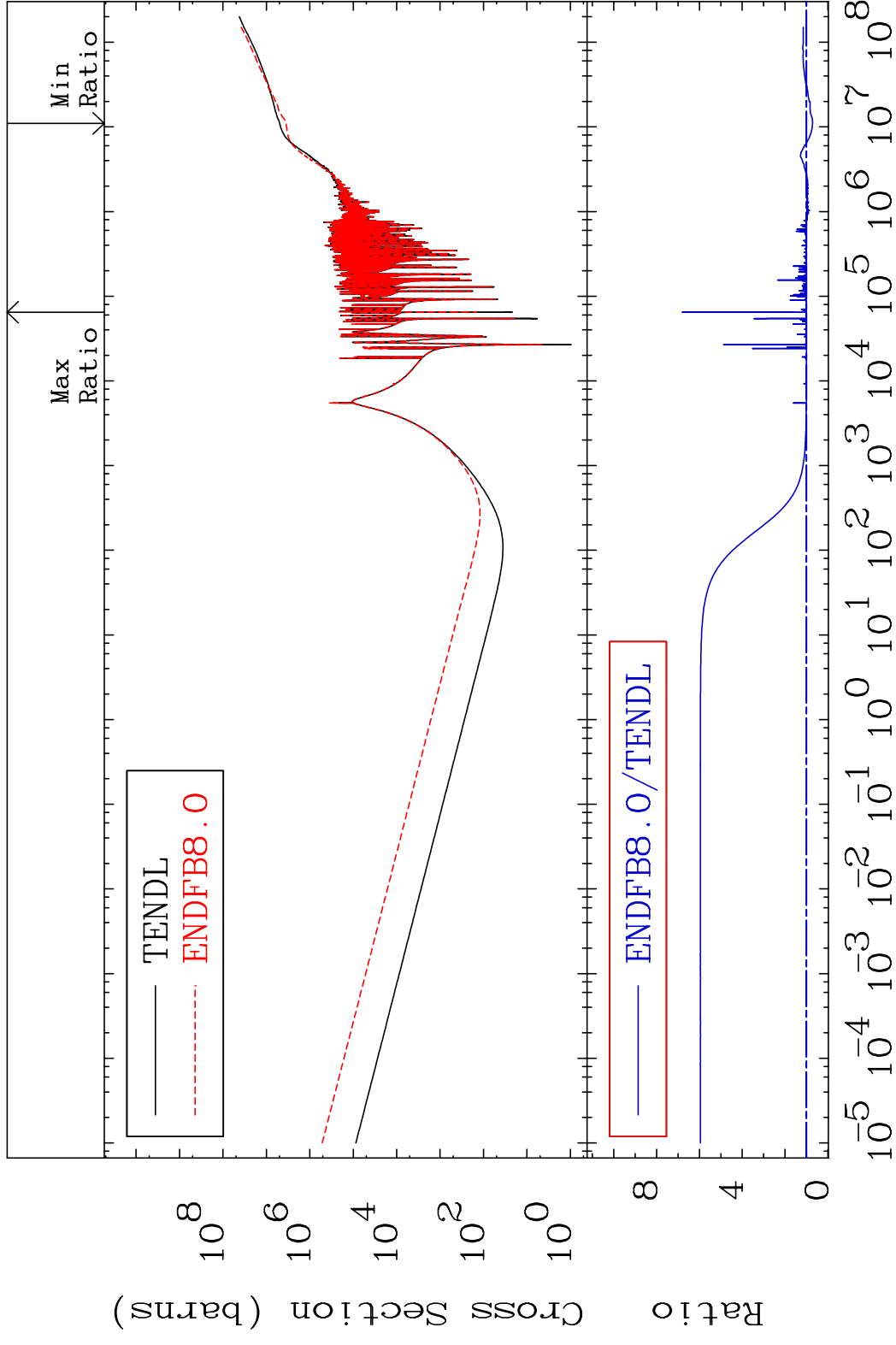


22

Incident Energy (eV)

24-Cr-50

MAT 2425 Kerma total (eV-barns) <sup>24</sup>Cr-50  
 Cross Section -28.37 To 579.7 %



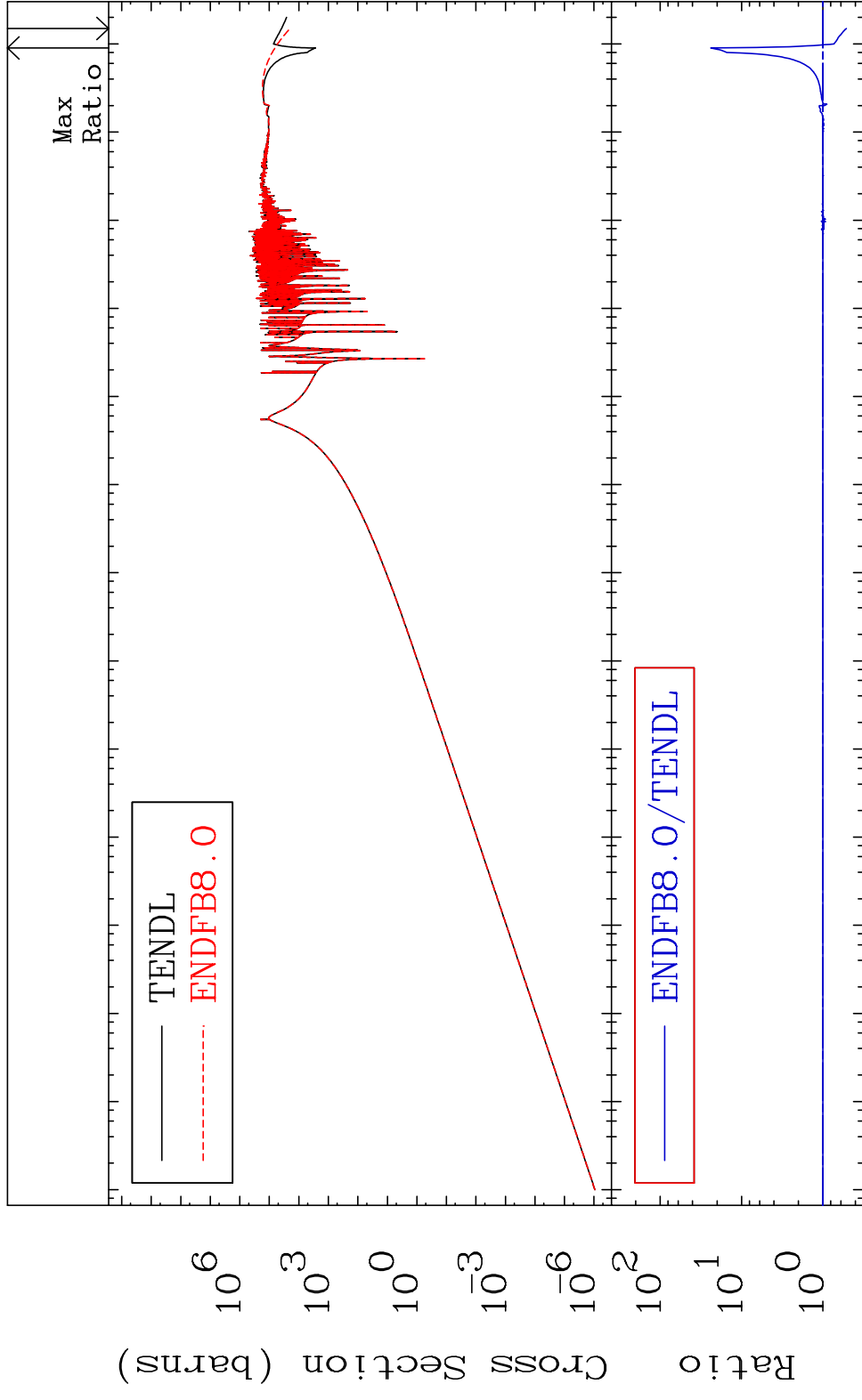
23 Incident Energy (eV) <sup>24</sup>Cr-50



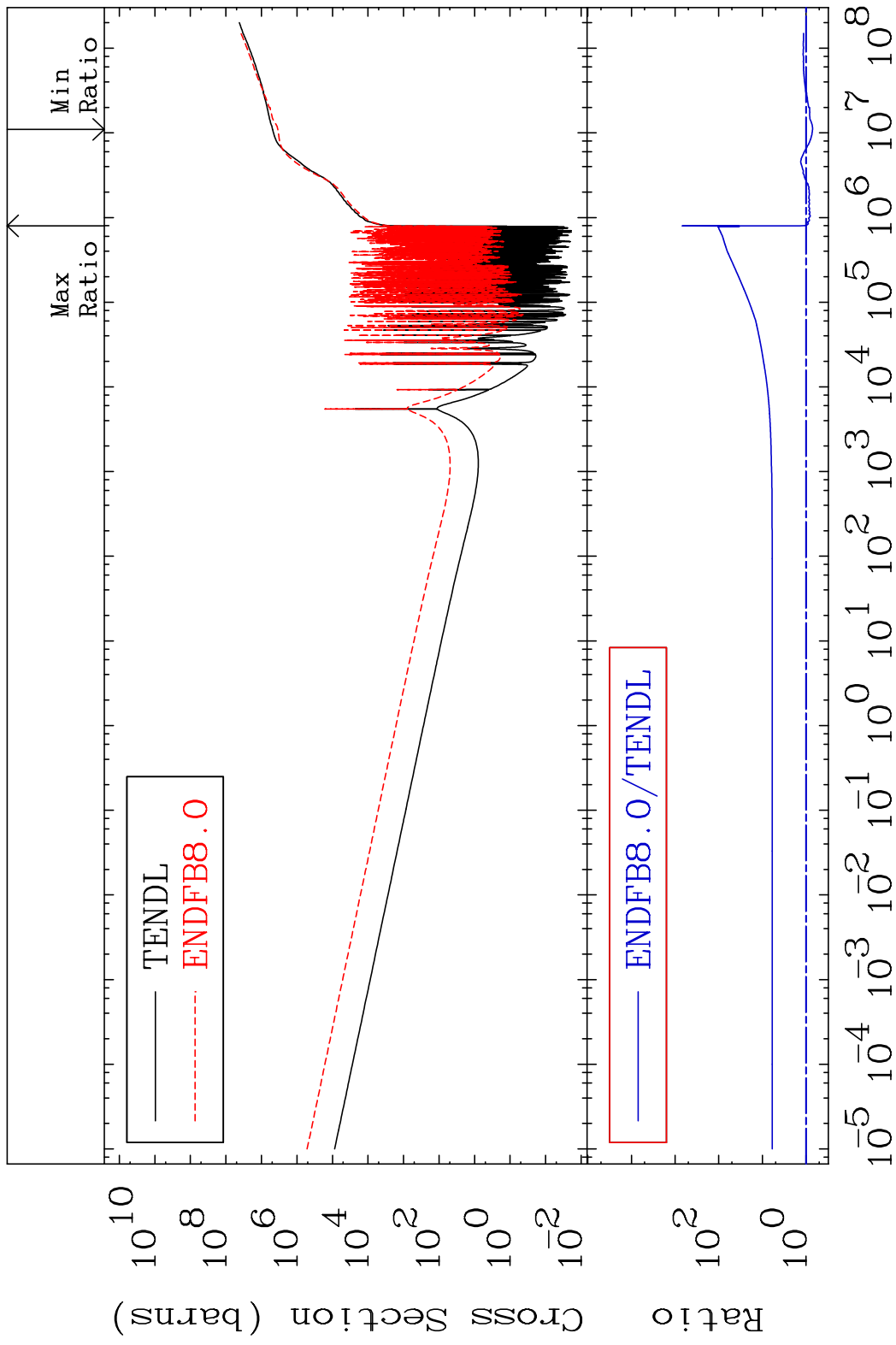
MAT 2425

Kerma elastic  
Cross Section -48.41 To 2293. %

24-Cr-50

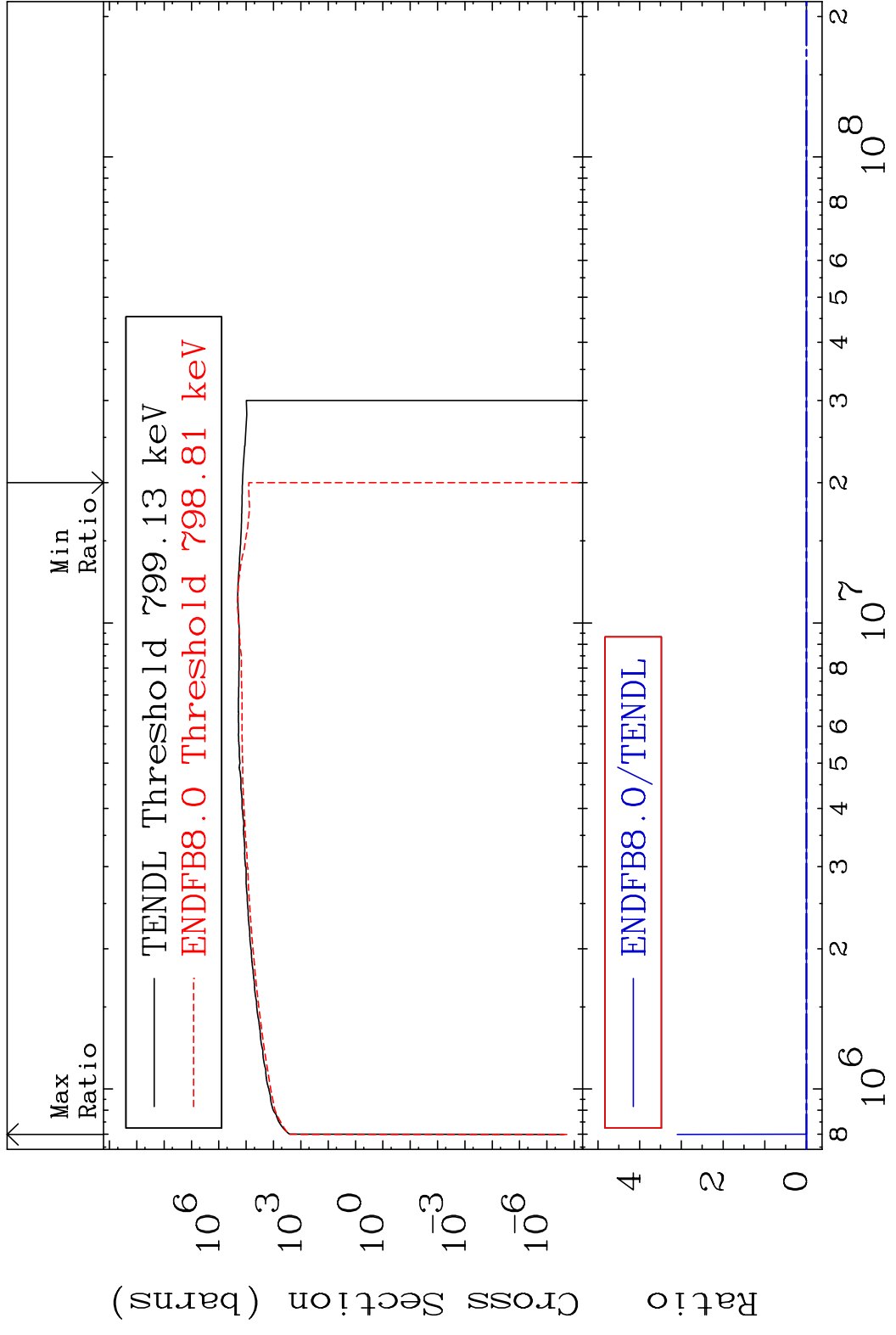


MAT 2425 Kerma non-elastic (all but mt2) 24-Cr-50  
 Cross Section -28.95 To 9999. %



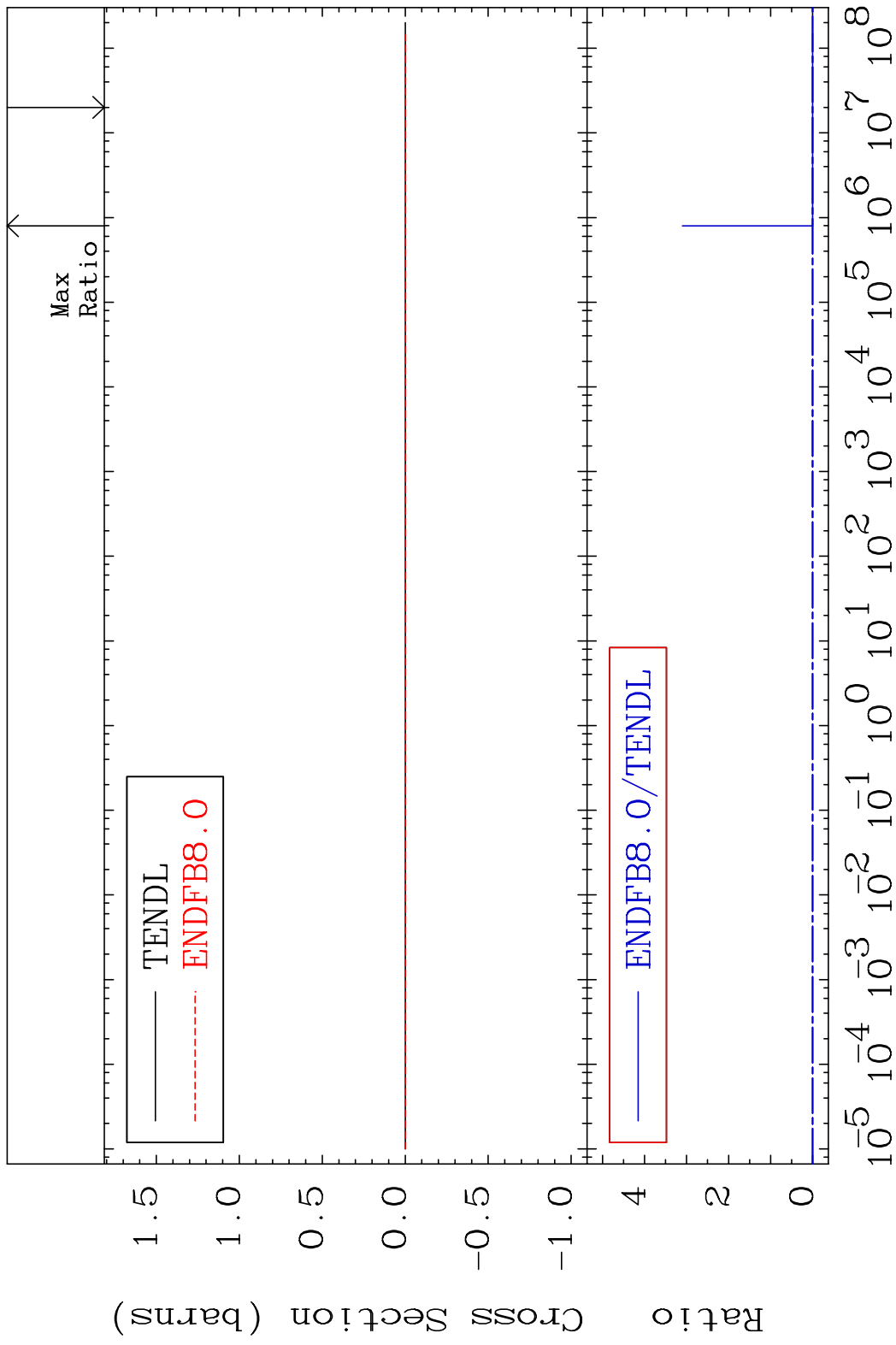
25 Incident Energy (eV) 24-Cr-50

MAT 2425 Kerma inelastic (mt51-91) 24-Cr-50  
 Cross Section -100.0 To 9999. %

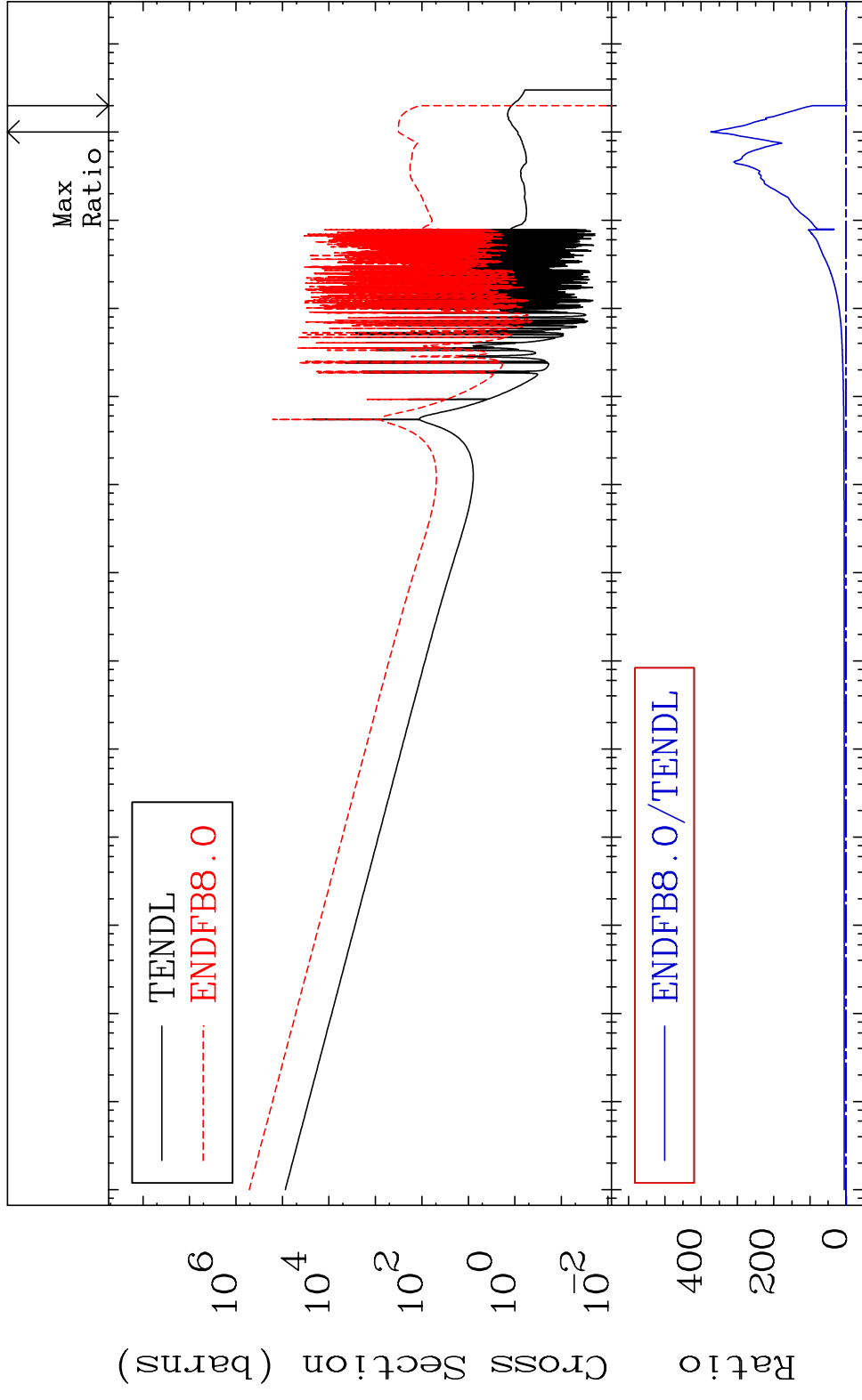


26 Incident Energy (eV) 24-Cr-50

MAT 2425 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-50  
 Cross Section -100.0 To 9999. %

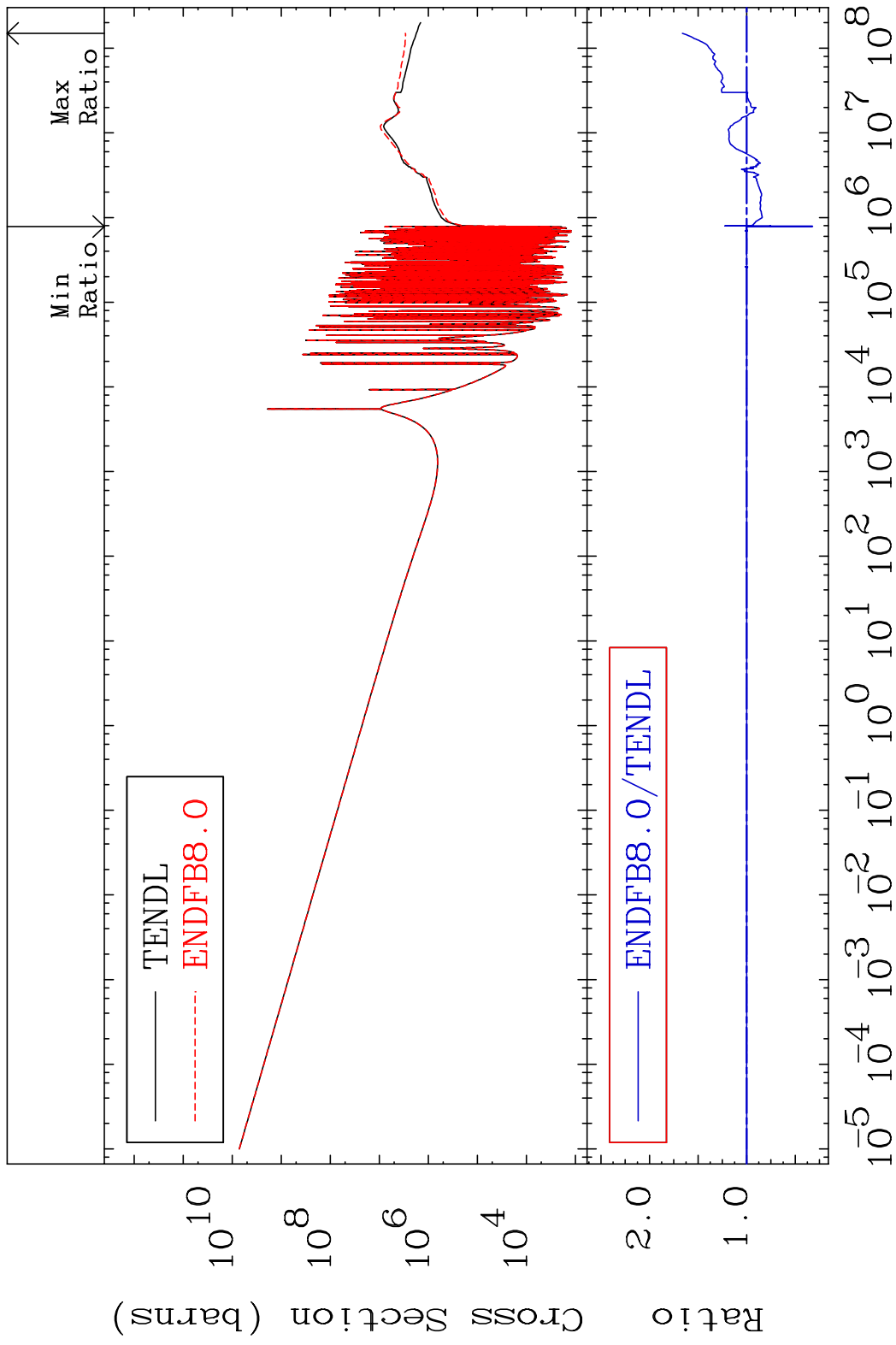


MAT 2425 Kerma capture (mt102) 24-Cr-50  
 Cross Section -100.0 To 9999. %

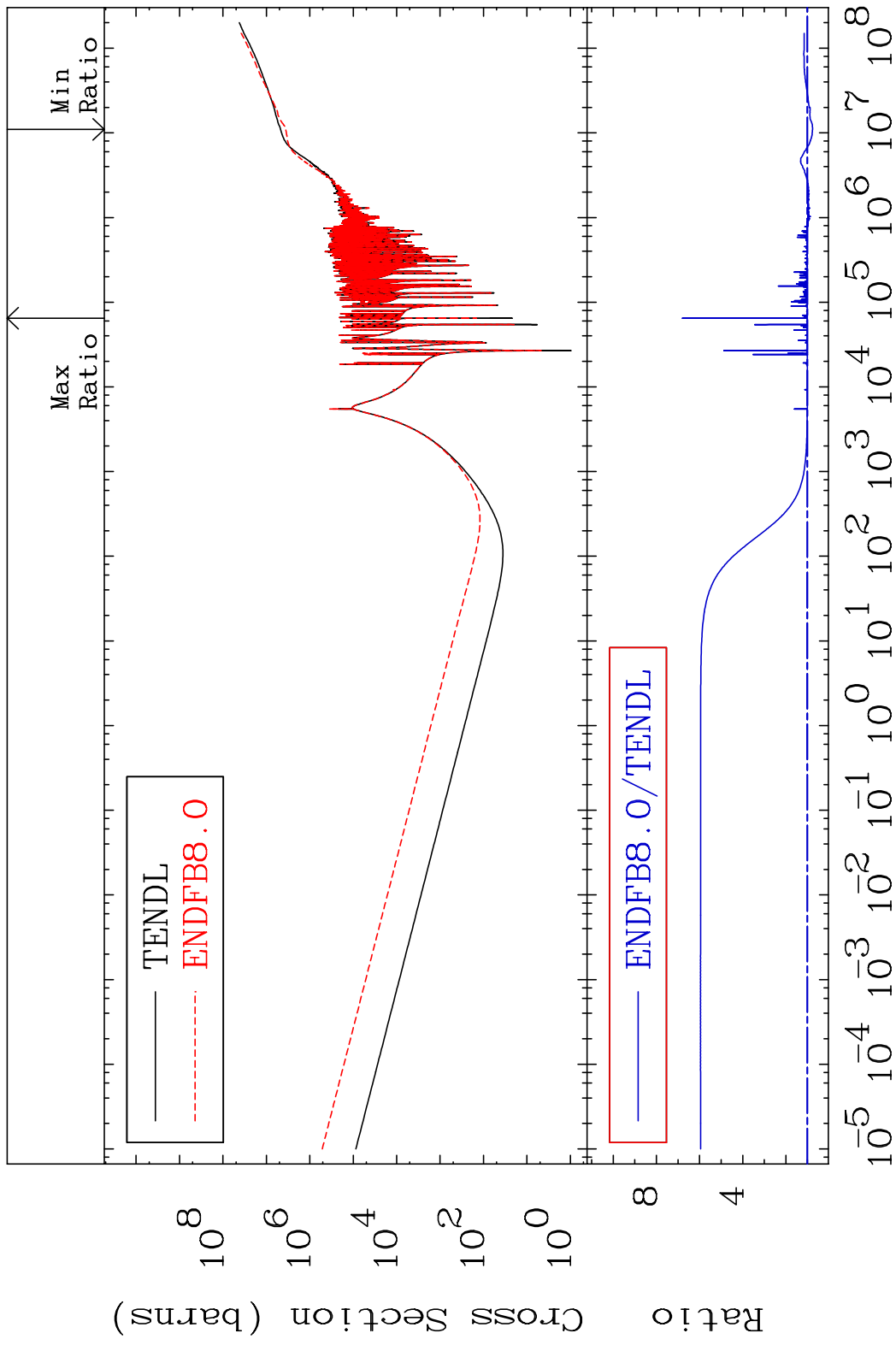


28 Incident Energy (eV) 24-Cr-50

MAT 2425 Total photon (eV-barns) 24-Cr-50  
Cross Section -67.83 To 66.20 %

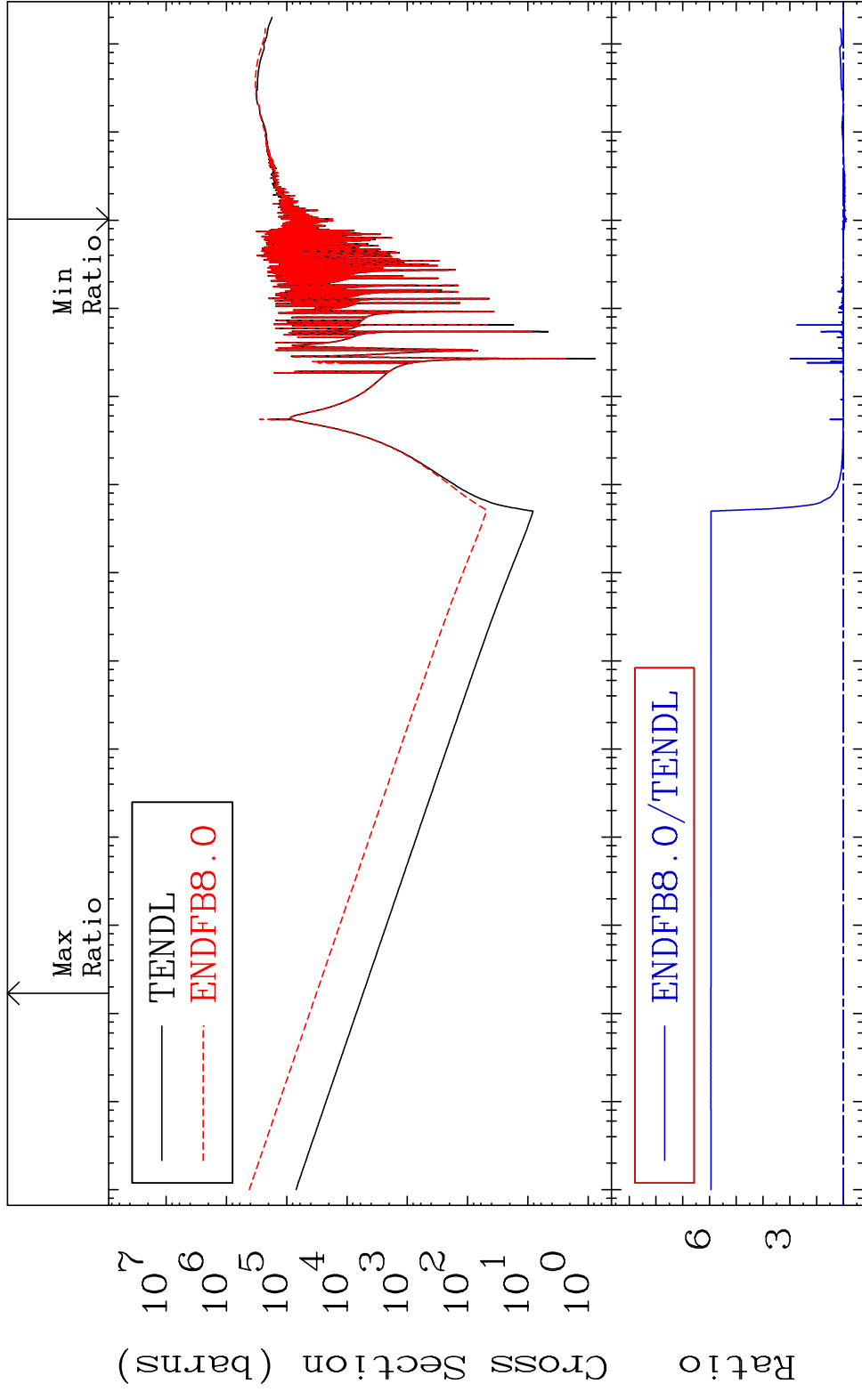


MAT 2425 Total kinematic kerma (high limit) 24-Cr-50  
 Cross Section -23.64 To 579.7 %



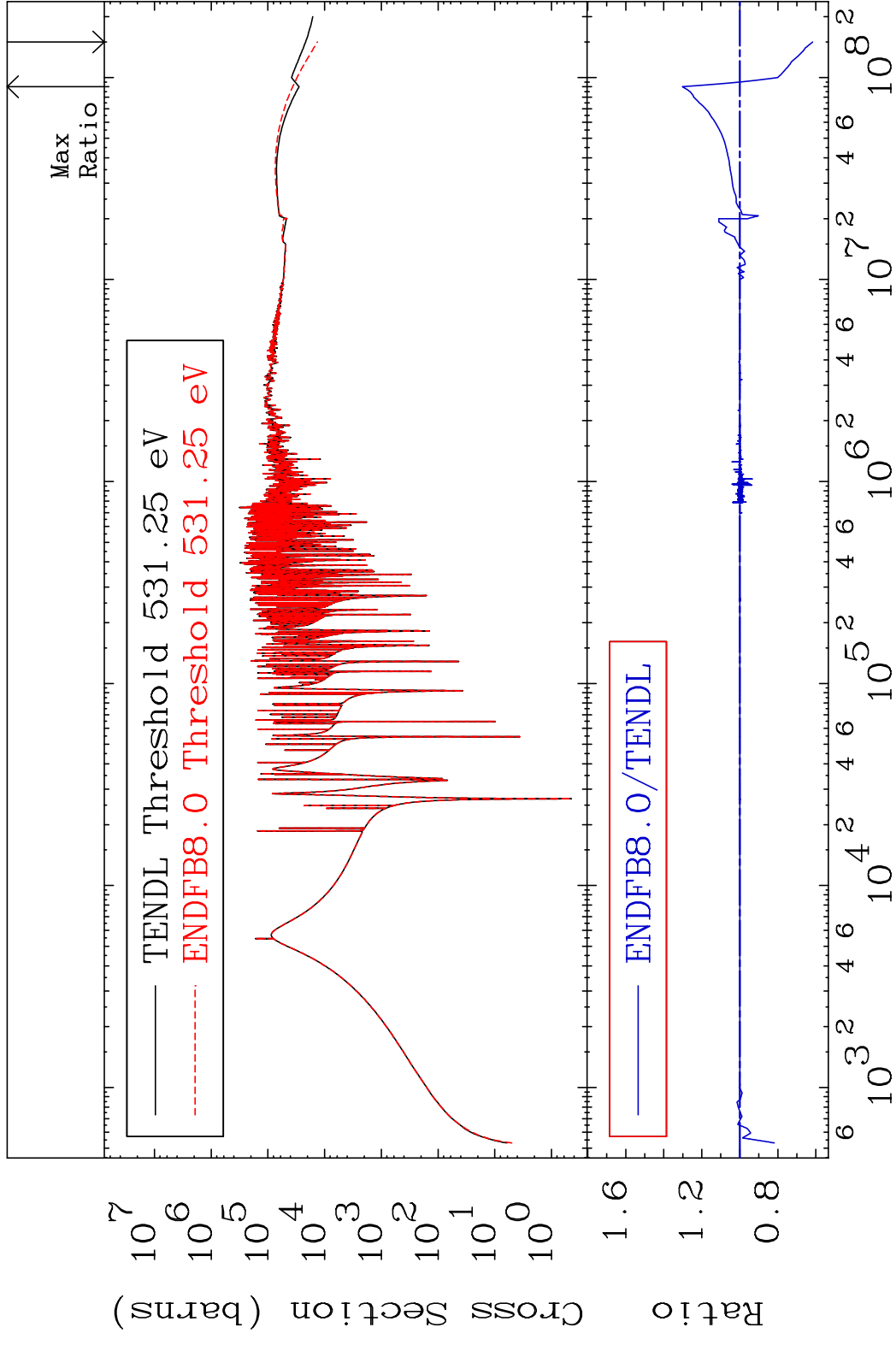
30 Incident Energy (eV) 24-Cr-50

MAT 2425      Dpa total (eV-barns)      24-Cr-50  
 Cross Section      -11.02 To 495.5 %

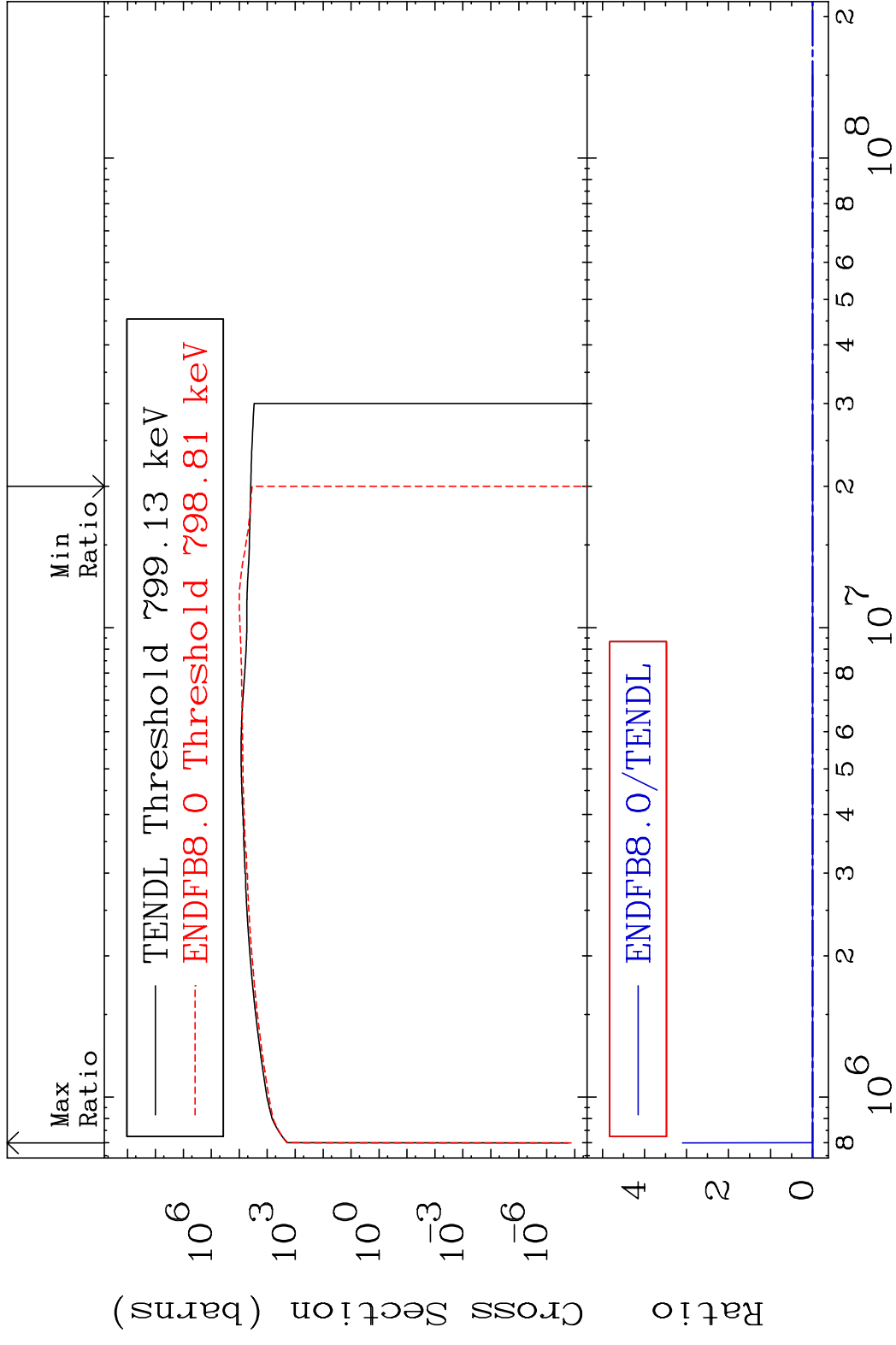




MAT 2425      Dpa elastic (mt2)      24-Cr-50  
 Cross Section      -38.26 To 30.22 %



MAT 2425 Dpa inelastic (mt51-91) 24-Cr-50  
 Cross Section -100.0 To 9999. %



MAT 2425 Dpa disappearance (mt102 -120) 24-Cr-50  
 Cross Section -100.0 To 500.5 %

