

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

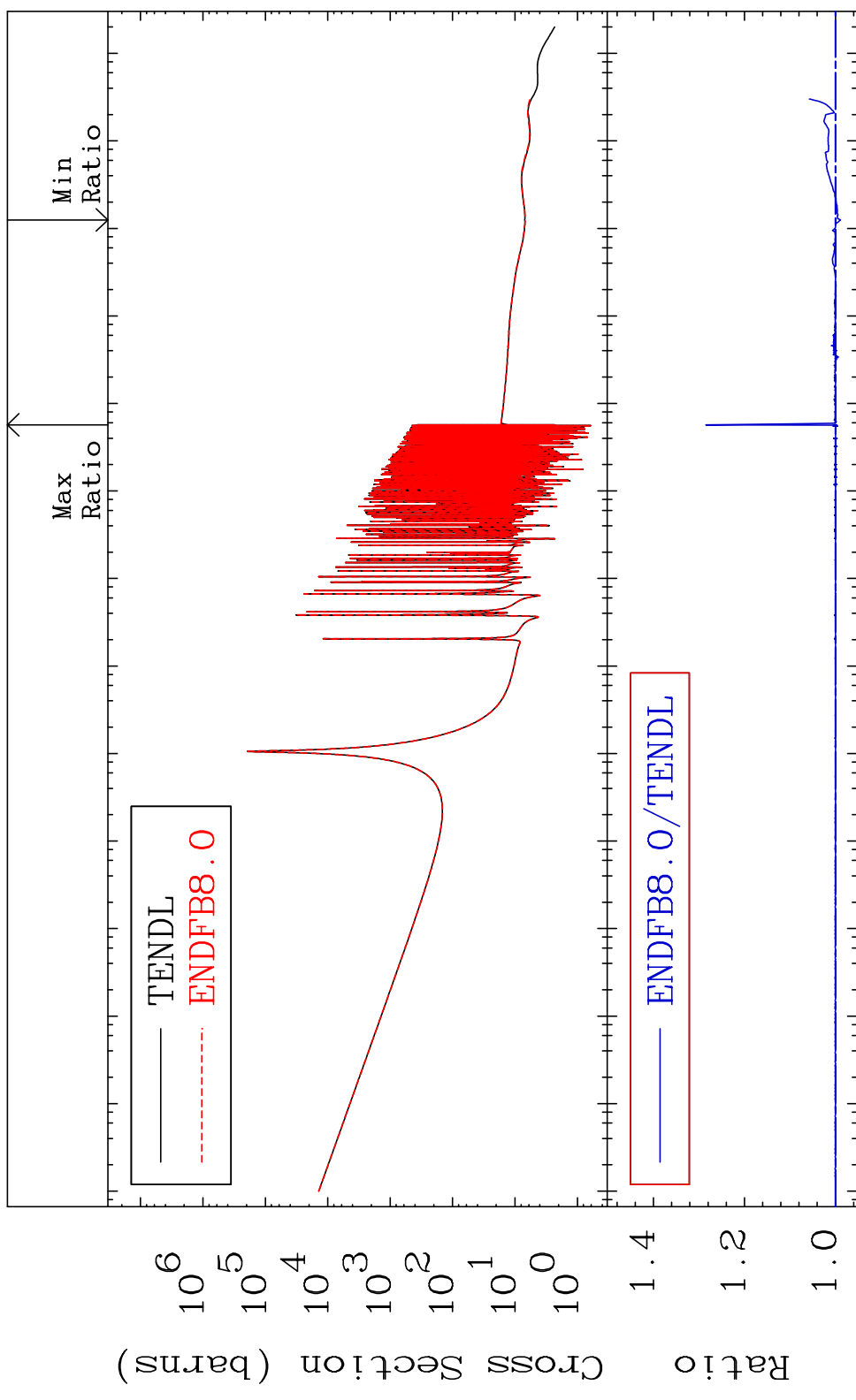
MAT 9440

Total

94-Pu-240

Cross Section

-1.102 To 28.51 %



1

Incident Energy (eV)

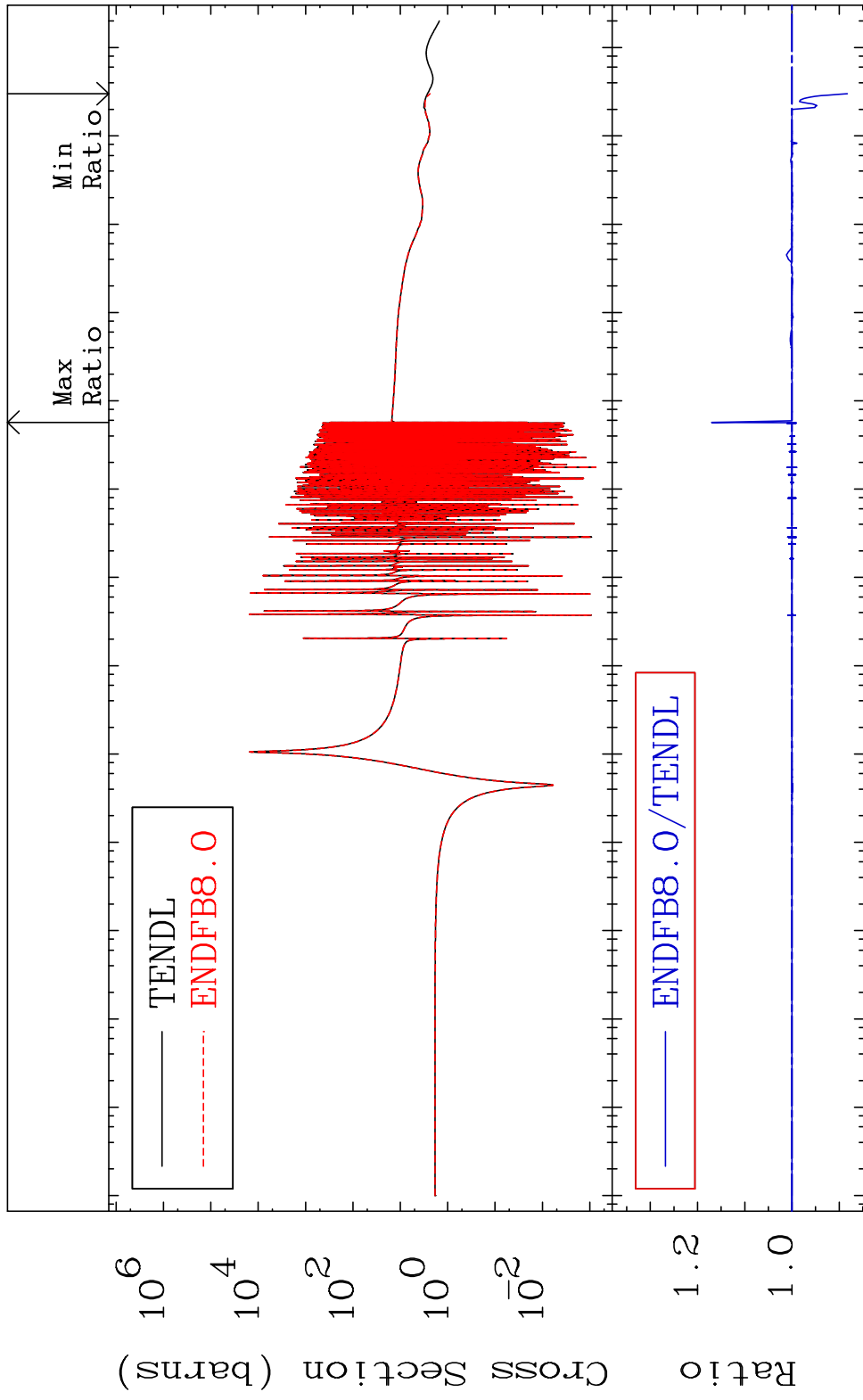
94-Pu-240

MAT 9440

Elastic

94-Pu-240

Cross Section -11.72 To 17.04 %



2

Incident Energy (eV)

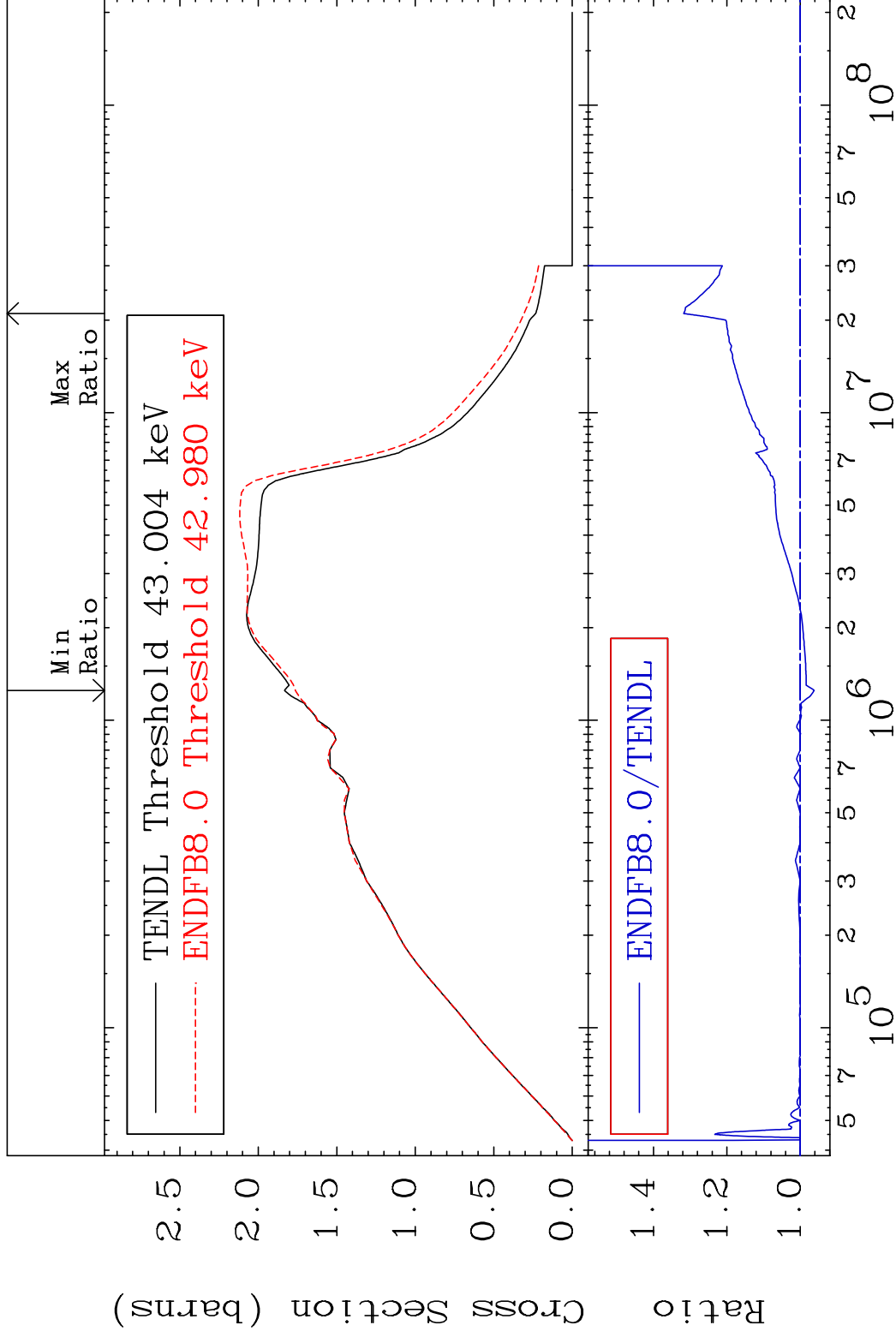
94-Pu-240

MAT 9440

Inelastic

94-Pu-240

Cross Section -3.775 To 31.77 %

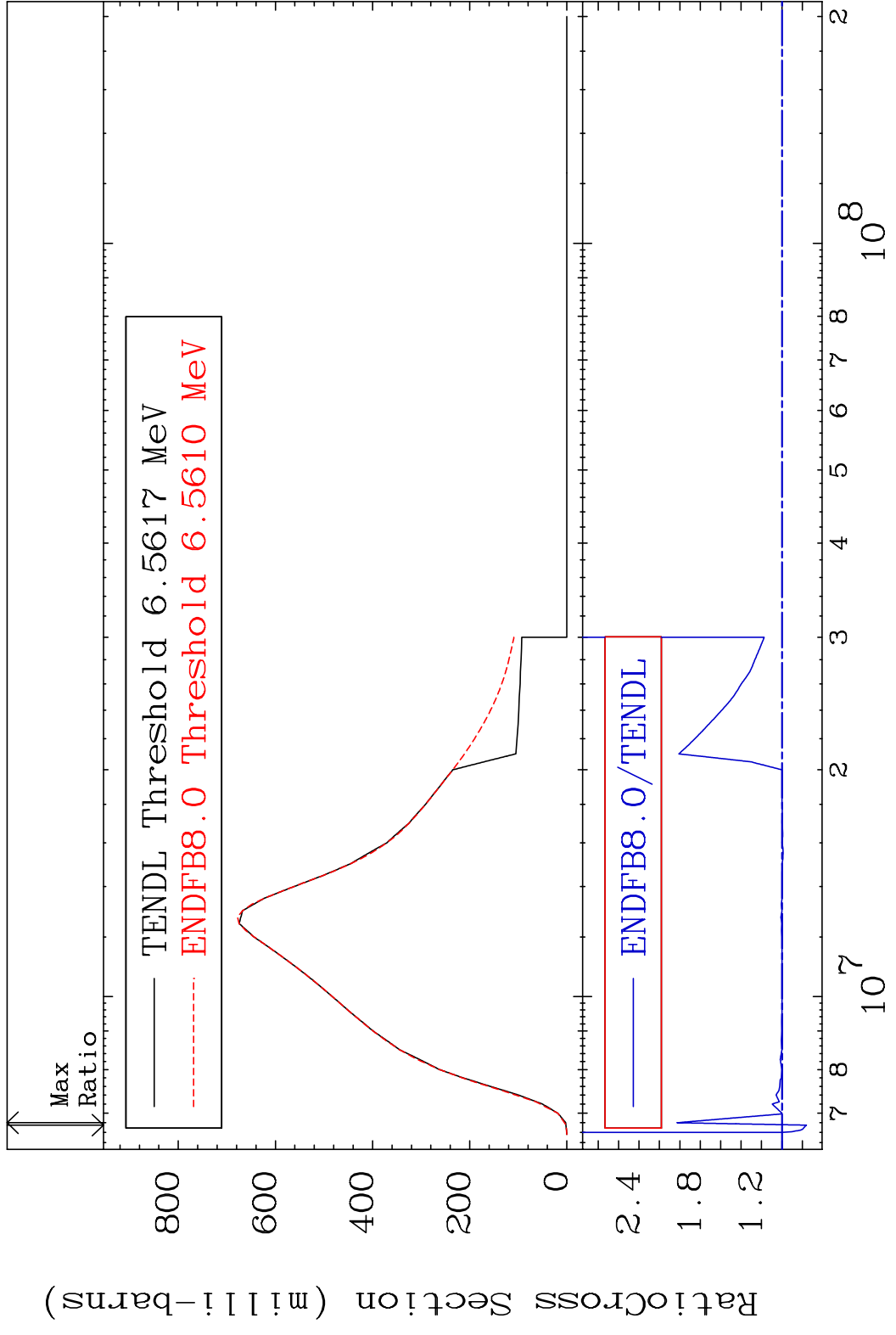


3

Incident Energy (eV)

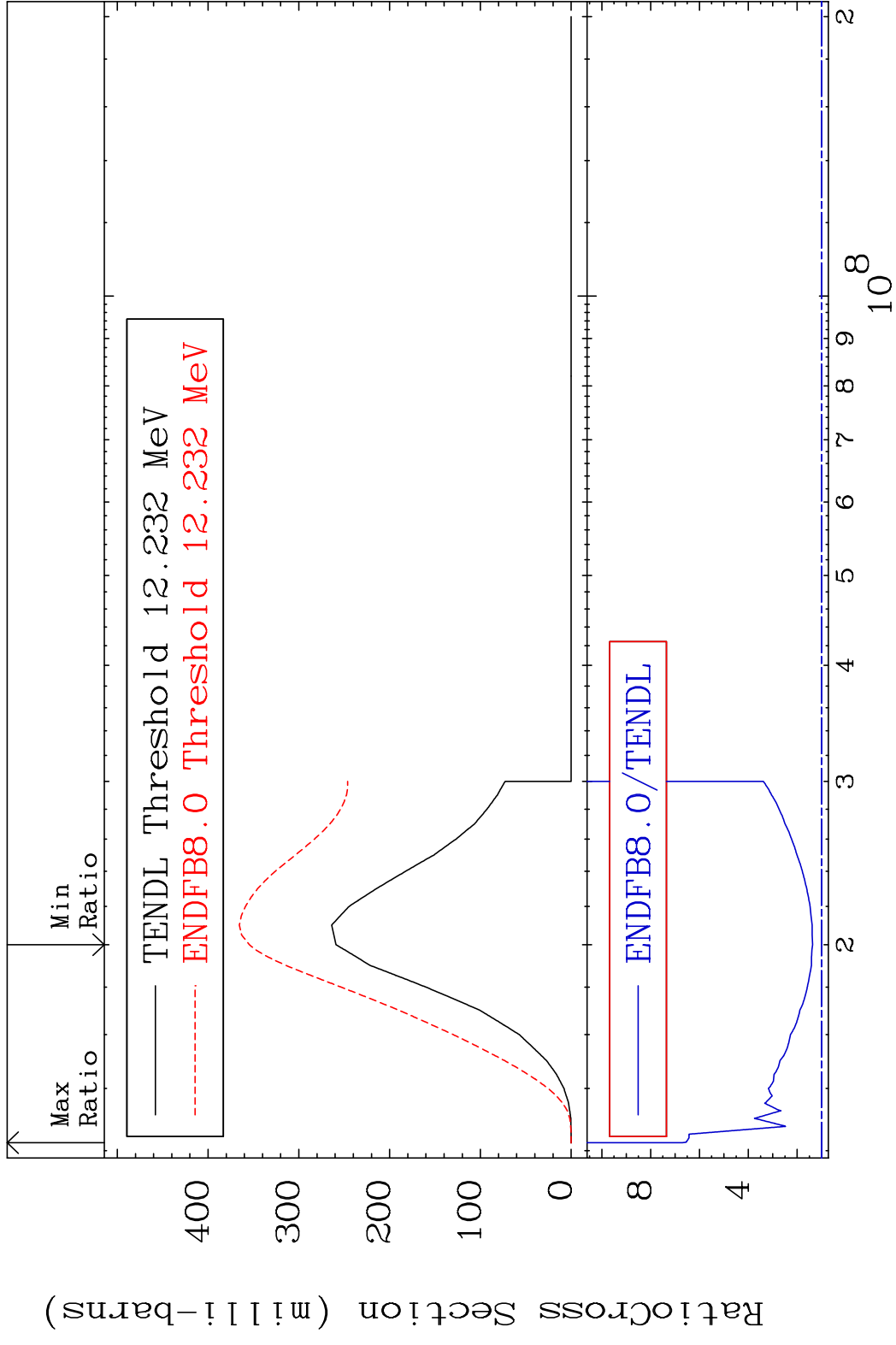
94-Pu-240

MAT 9440 (n,2n) 94-Pu-240  
 Cross Section -23.96 To 102.6 %



4 94-Pu-240

MAT 9440 (n,3n) 94-Pu-240  
 Cross Section 36.89 To 570.1 %



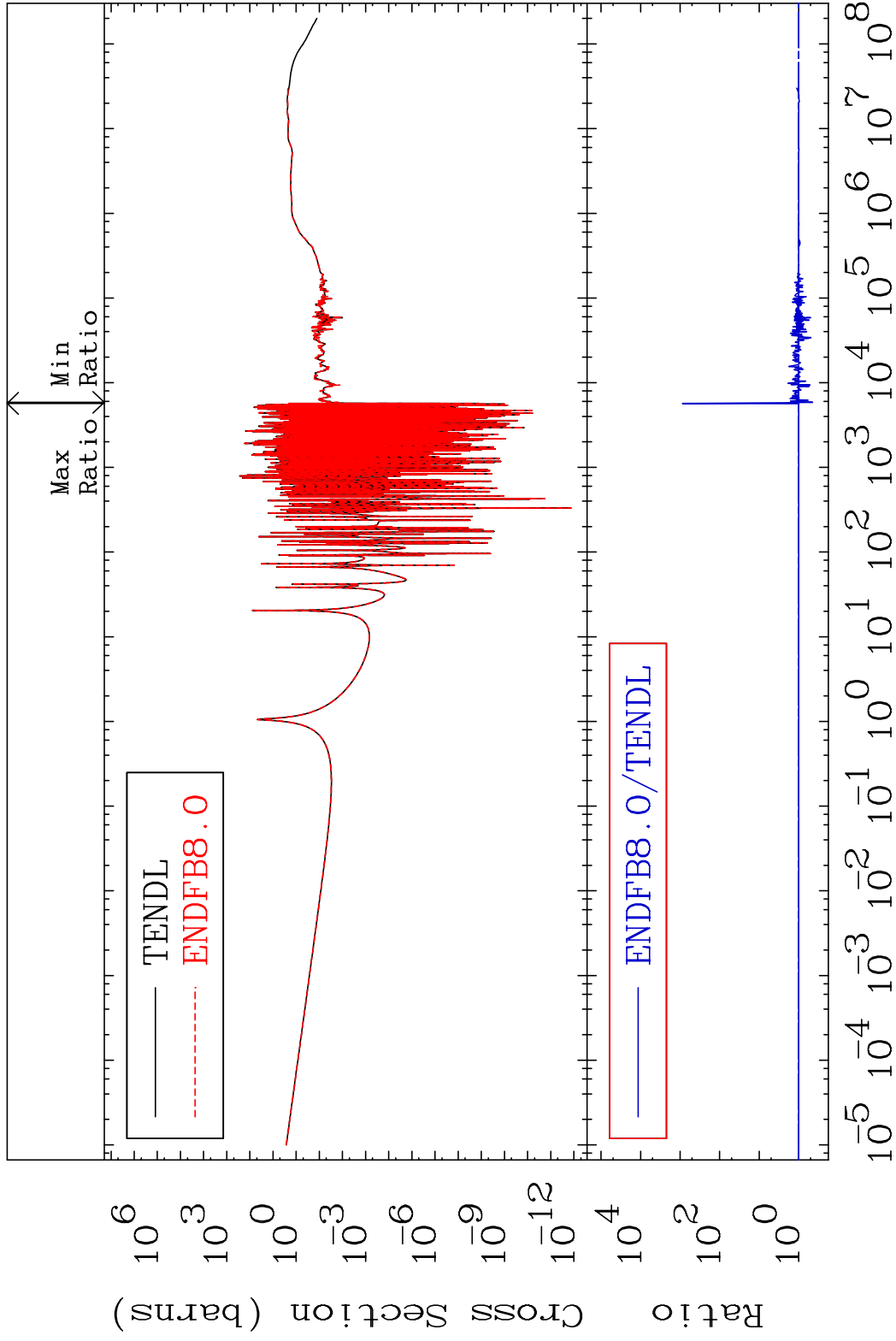
5 94-Pu-240

MAT 9440

Fission

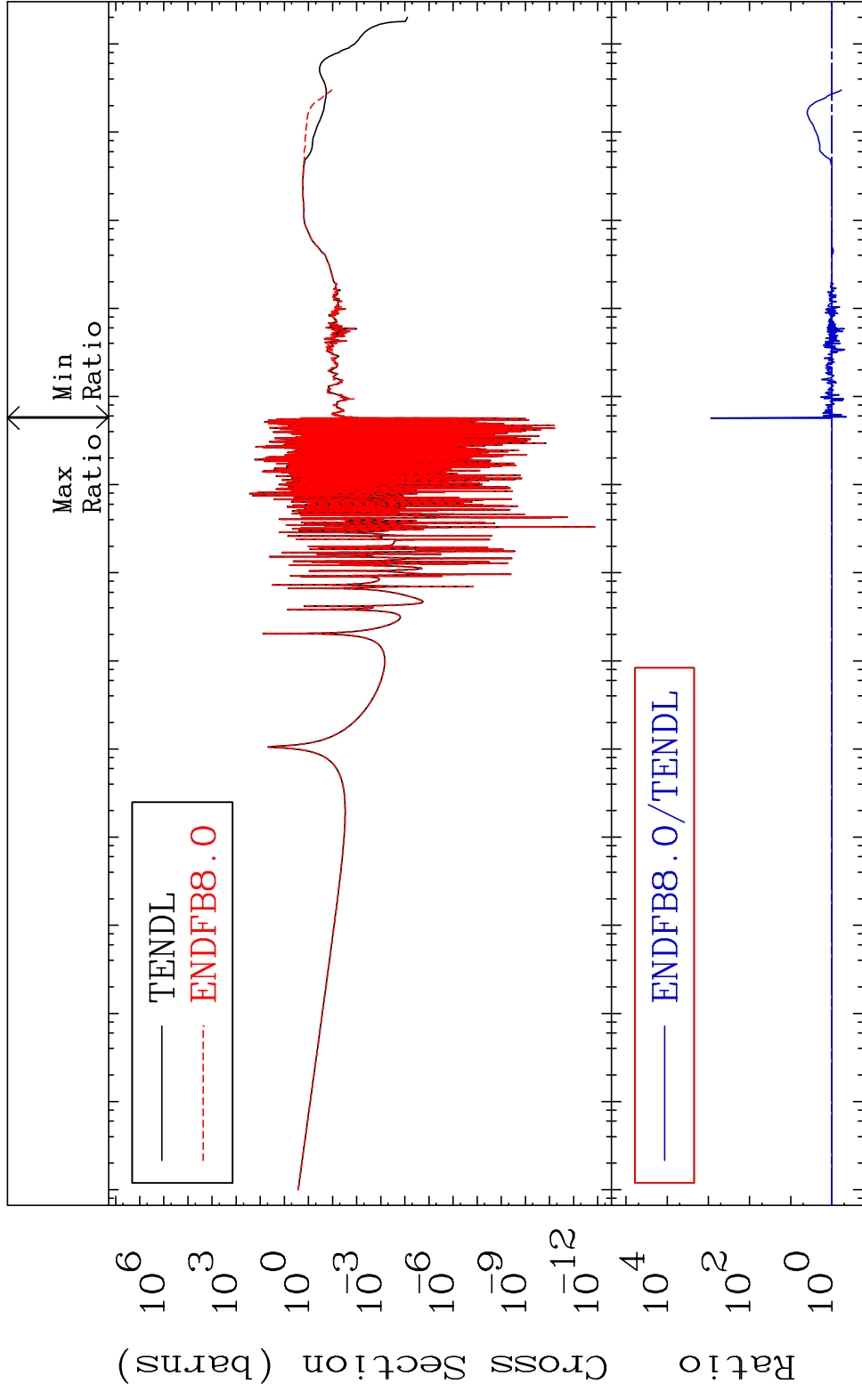
94-Pu-240

Cross Section -55.38 To 9999. %



MAT 9440

(n,f) First Chance 94-Pu-240  
Cross Section -55.38 To 9999. %



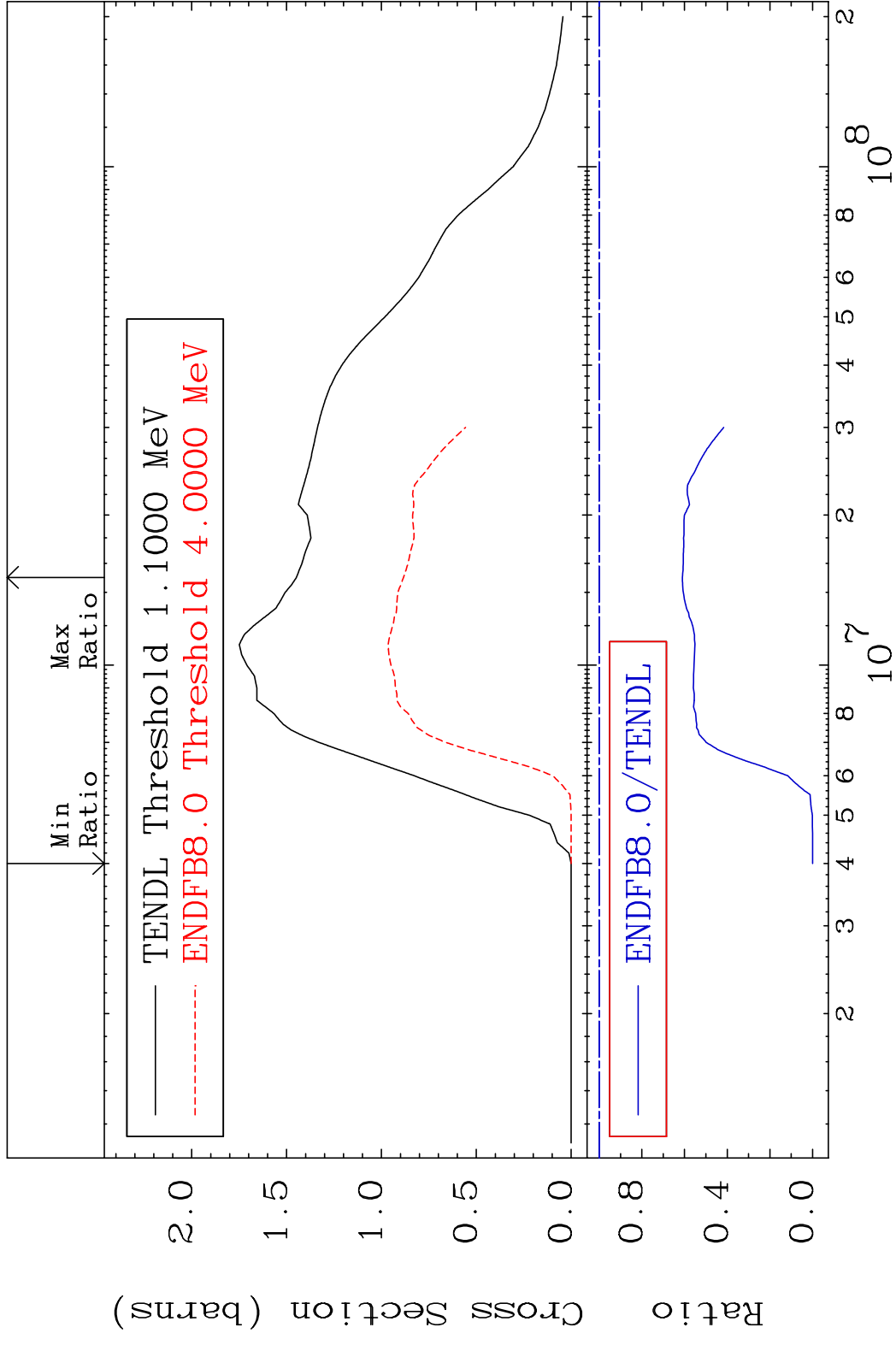
10<sup>6</sup>  
10<sup>3</sup>  
10<sup>0</sup>  
10<sup>-3</sup>  
10<sup>-6</sup>  
10<sup>-9</sup>  
10<sup>-12</sup>  
10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

7 Incident Energy (eV) 94-Pu-240

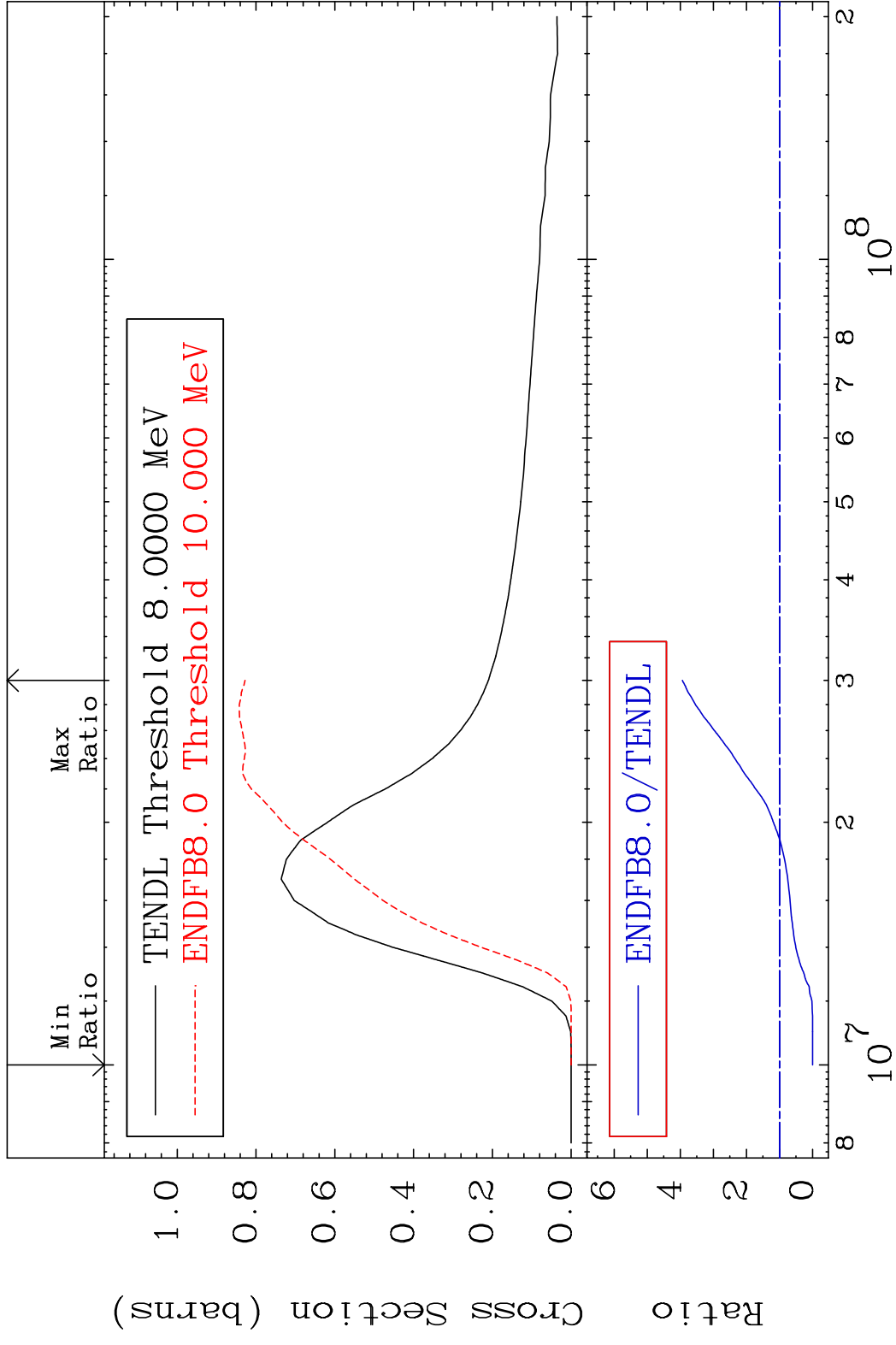


MAT 9440

(n, nf) Second Chance 94-Pu-240  
Cross Section -100.0 To -38.98%



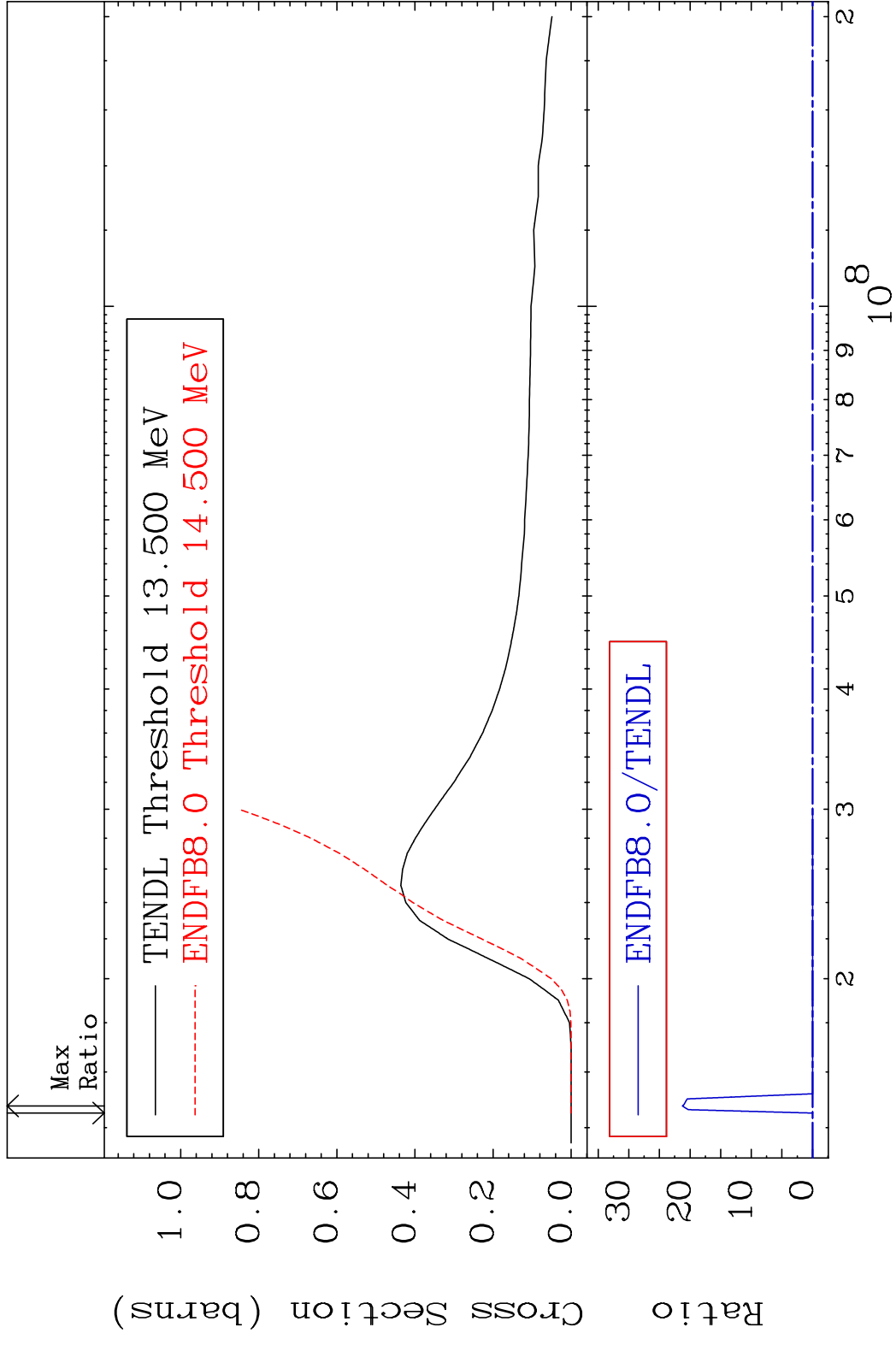
MAT 9440 (n,2nf) Third Chance 94-Pu-240  
 Cross Section -100.0 To 293.8 %



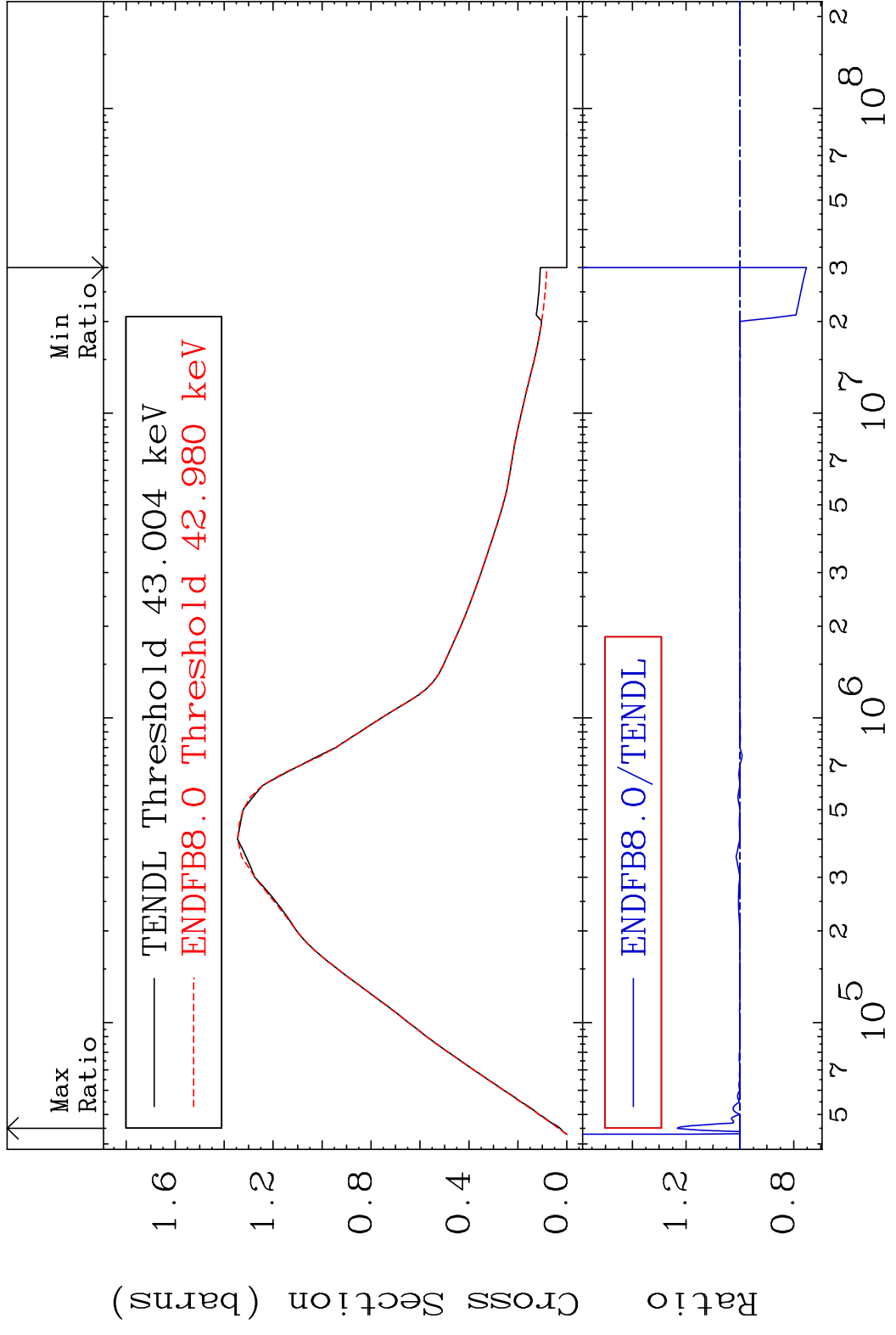
9 Incident Energy (eV) 94-Pu-240



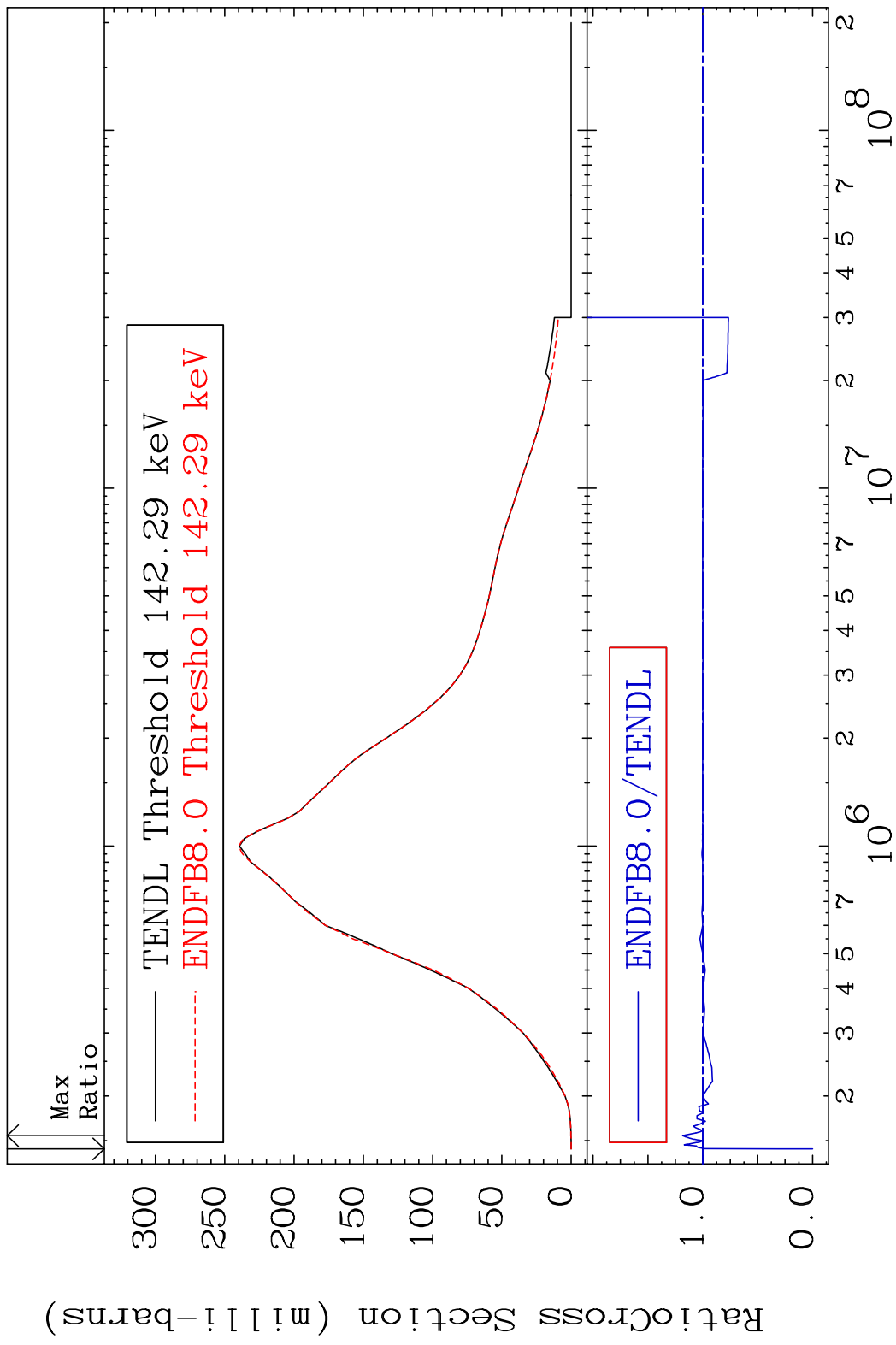
MAT 9440 (n,3nf) Fourth Chance 94-Pu-240  
 Cross Section -100.0 To 9999. %



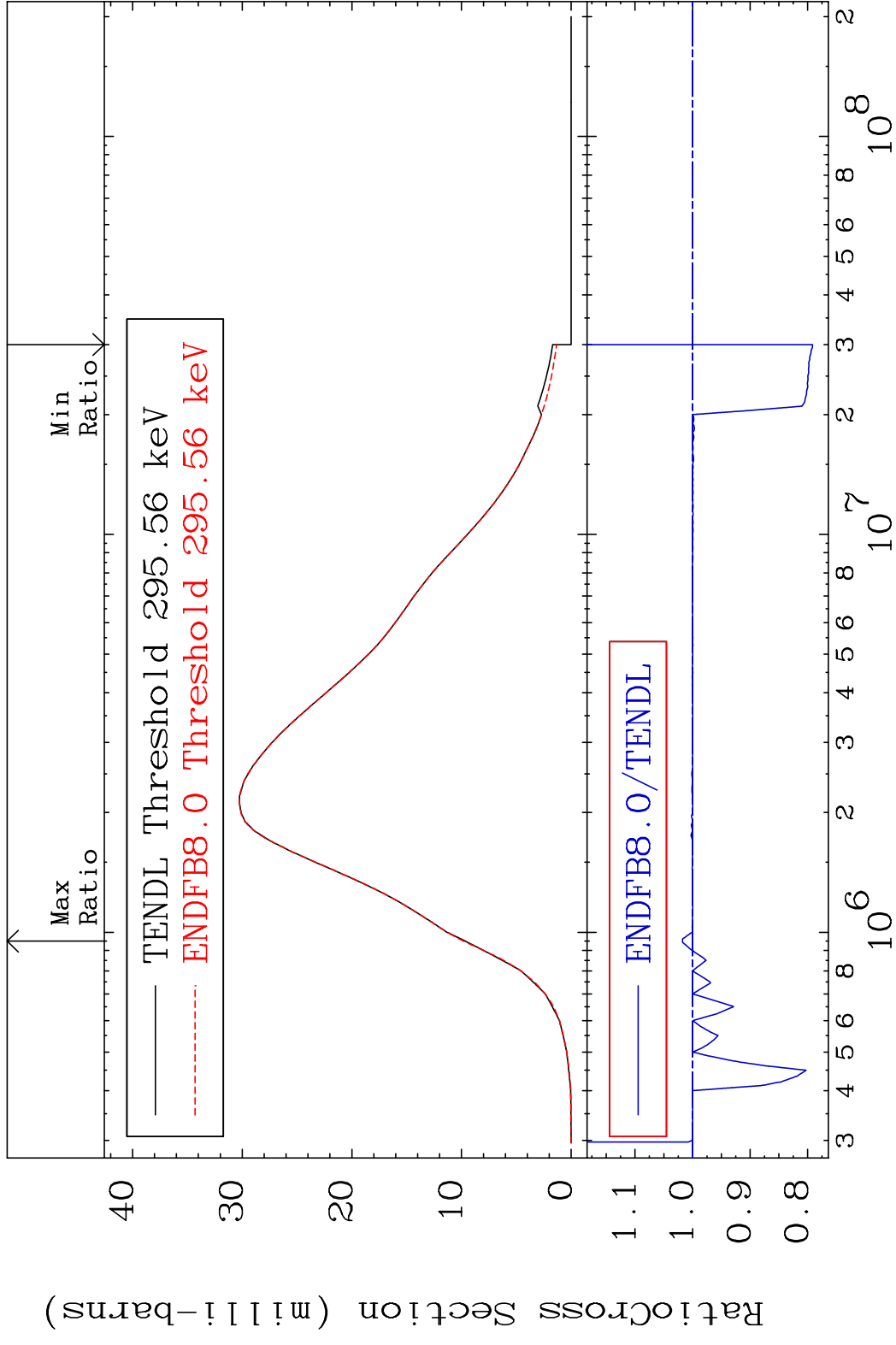
MAT 9440 MT= 51 (n, n') Level 94-Pu-240  
 Cross Section -24.69 To 23.33 %



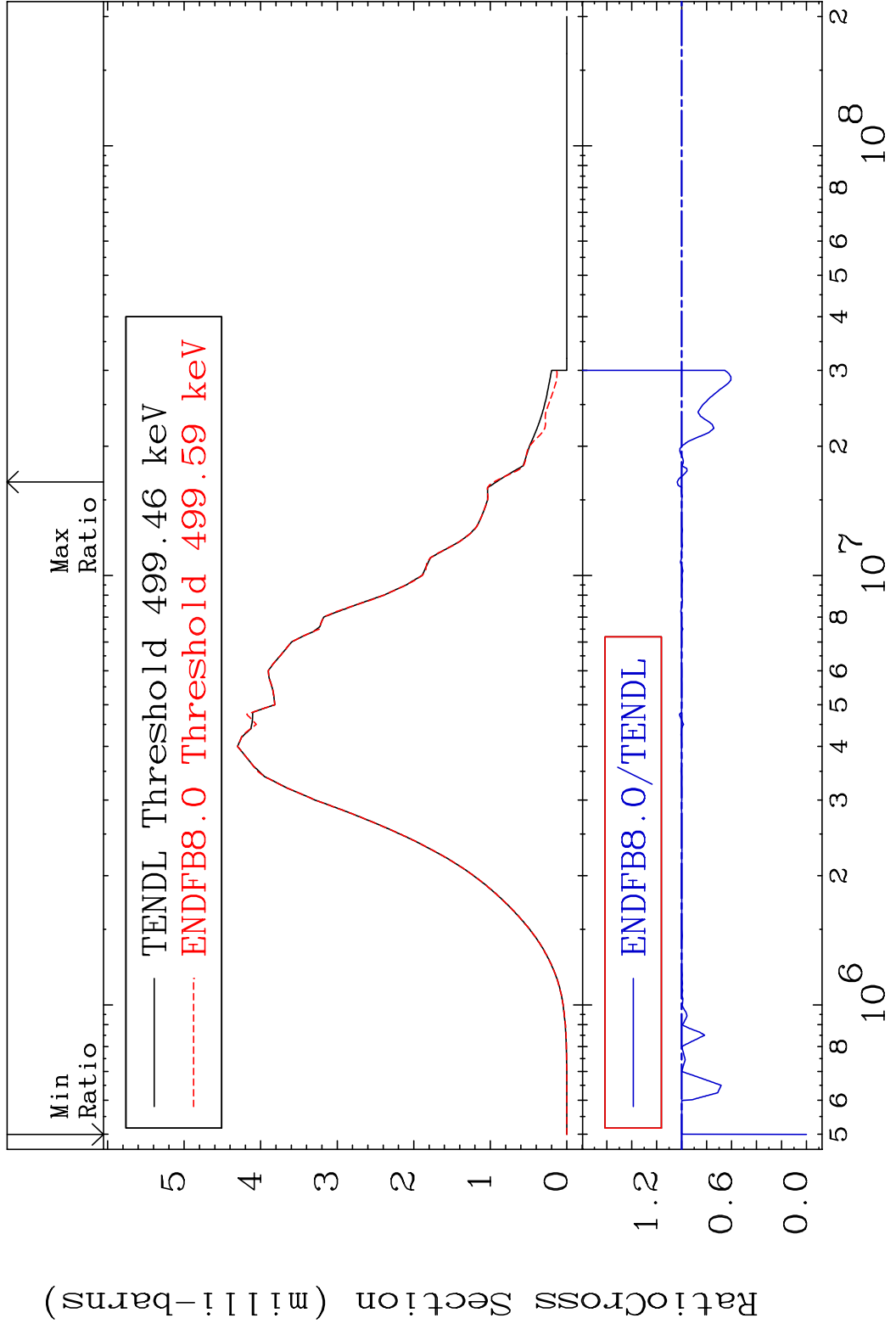
MAT 9440 MT= 52 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 18.61 %



MAT 9440 MT= 53 (n, n') Level 94-Pu-240  
 Cross Section -20.87 To 1.774 %

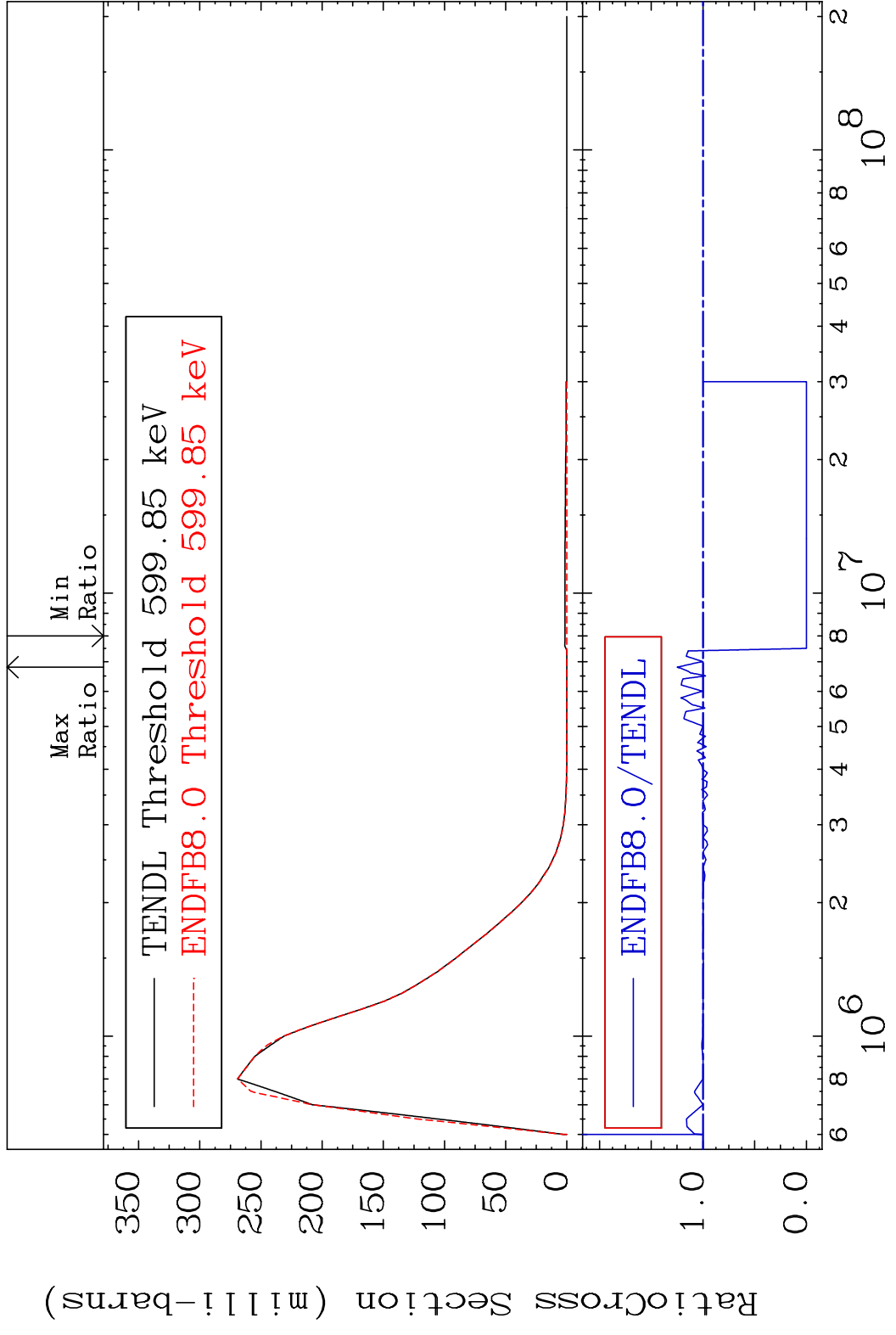


MAT 9440 MT= 54 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 3.568 %

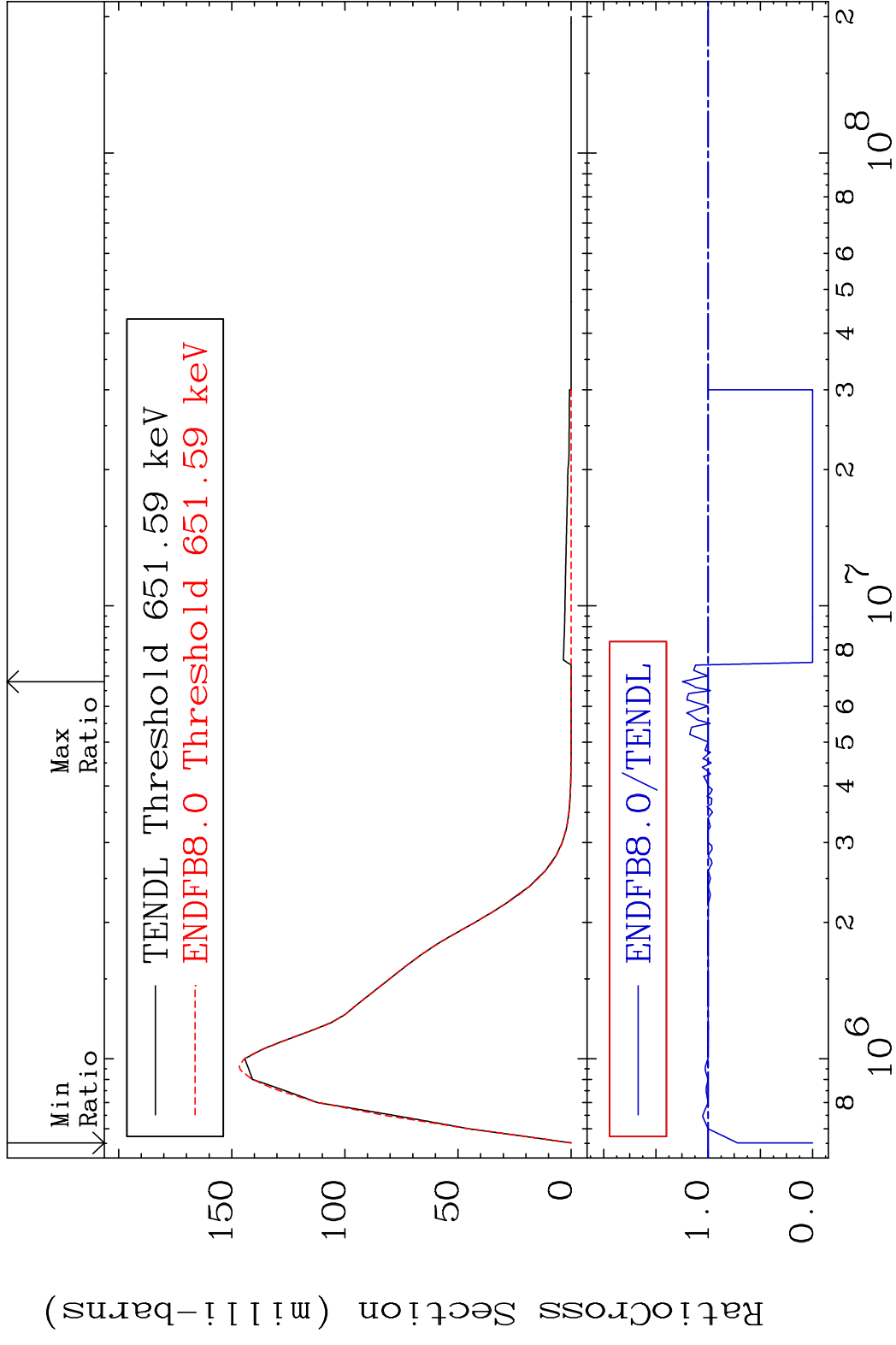




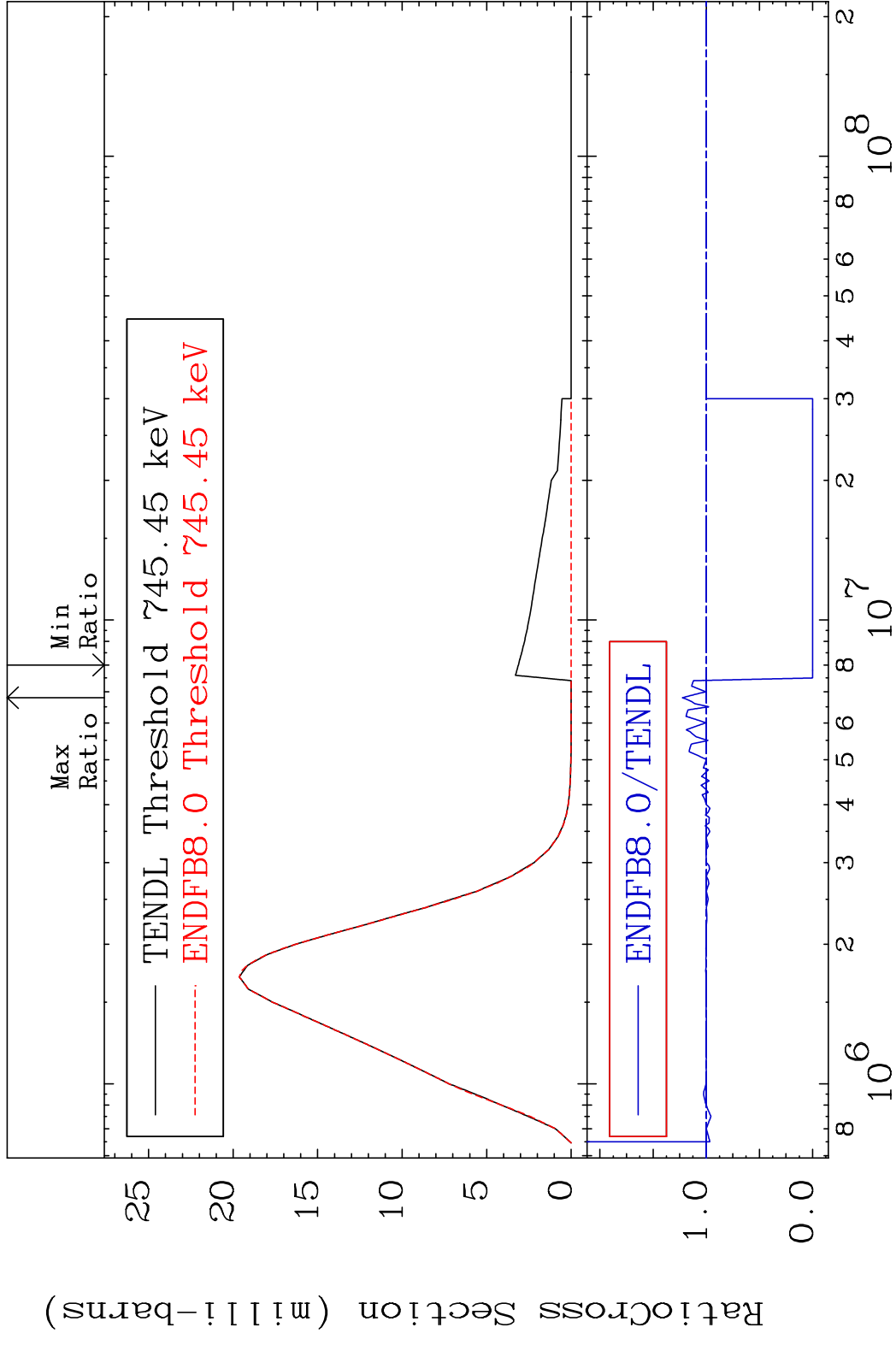
MAT 9440 MT= 55 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 24.90 %



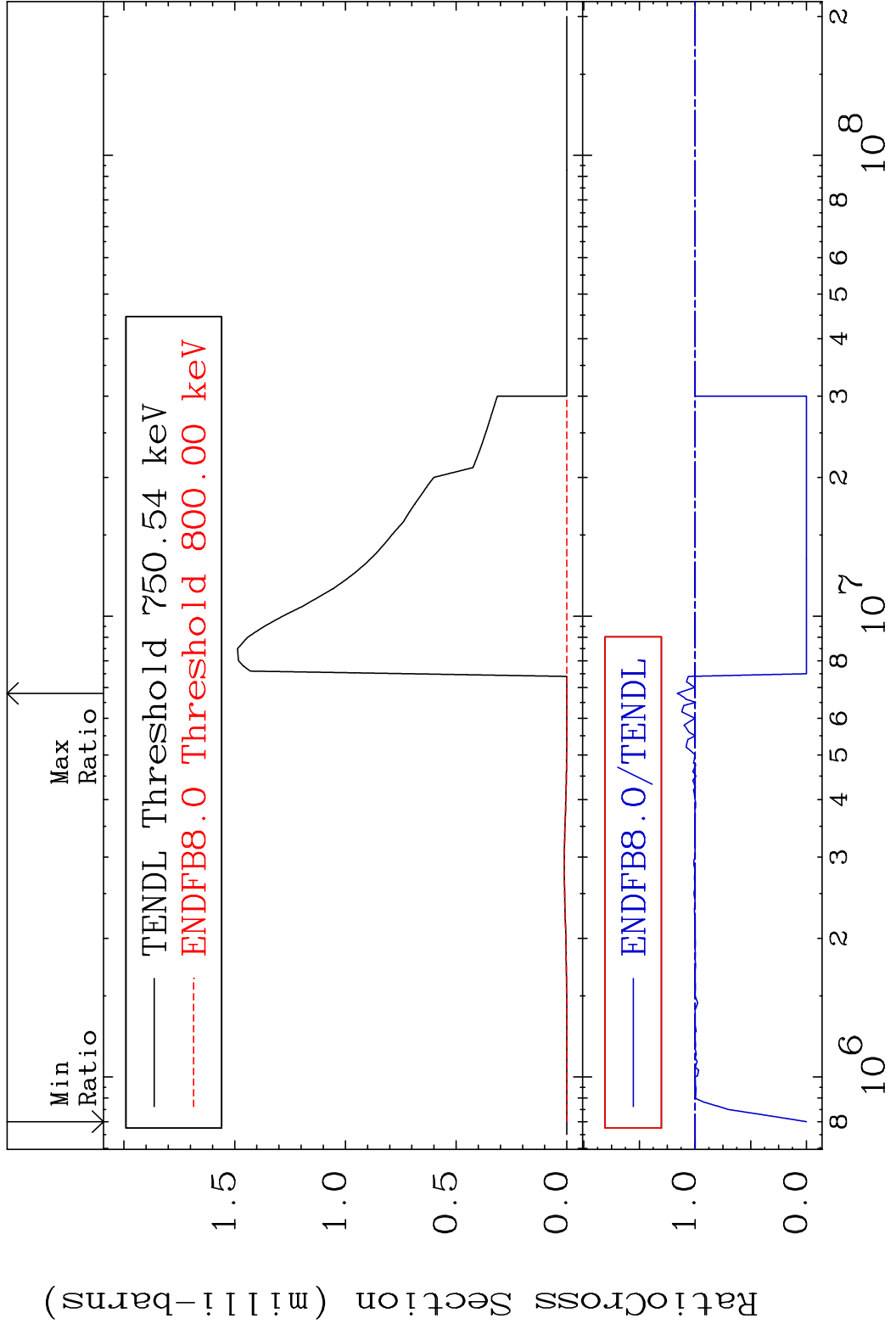
MAT 9440 MT= 56 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 24.65 %



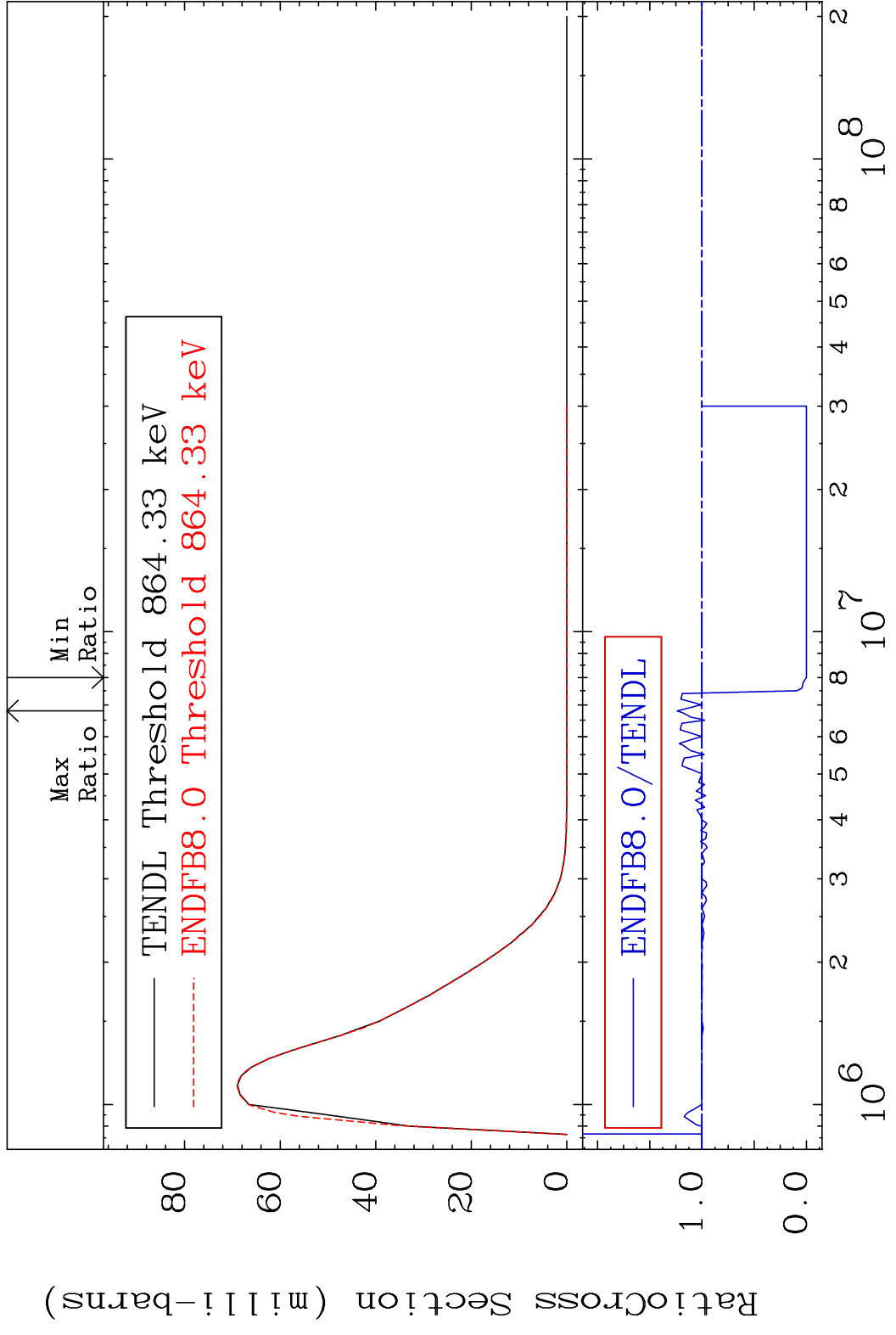
MAT 9440 MT= 57 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 22.48 %



MAT 9440 MT= 58 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 16.06 %

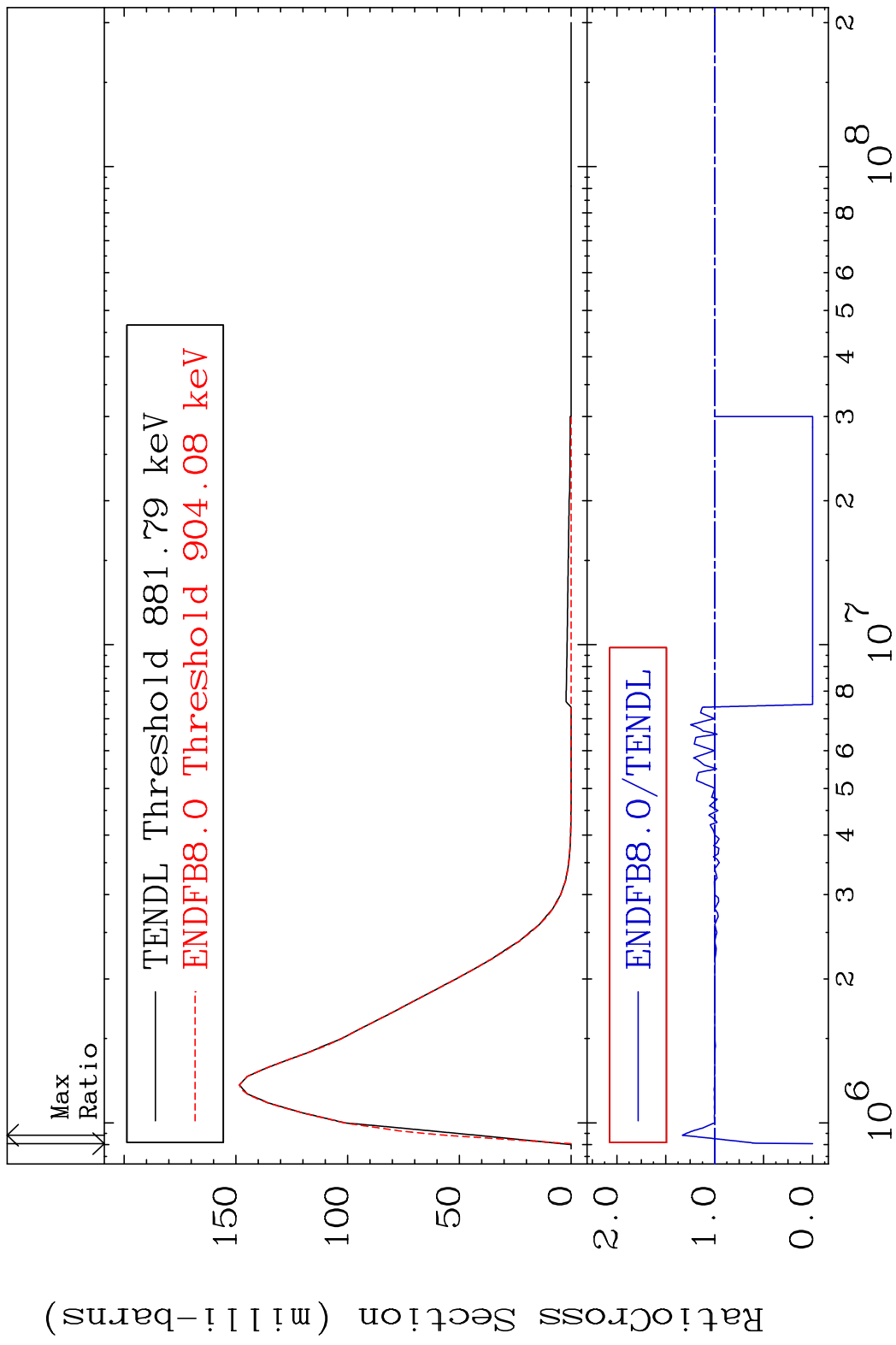


MAT 9440 MT= 59 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 23.72 %

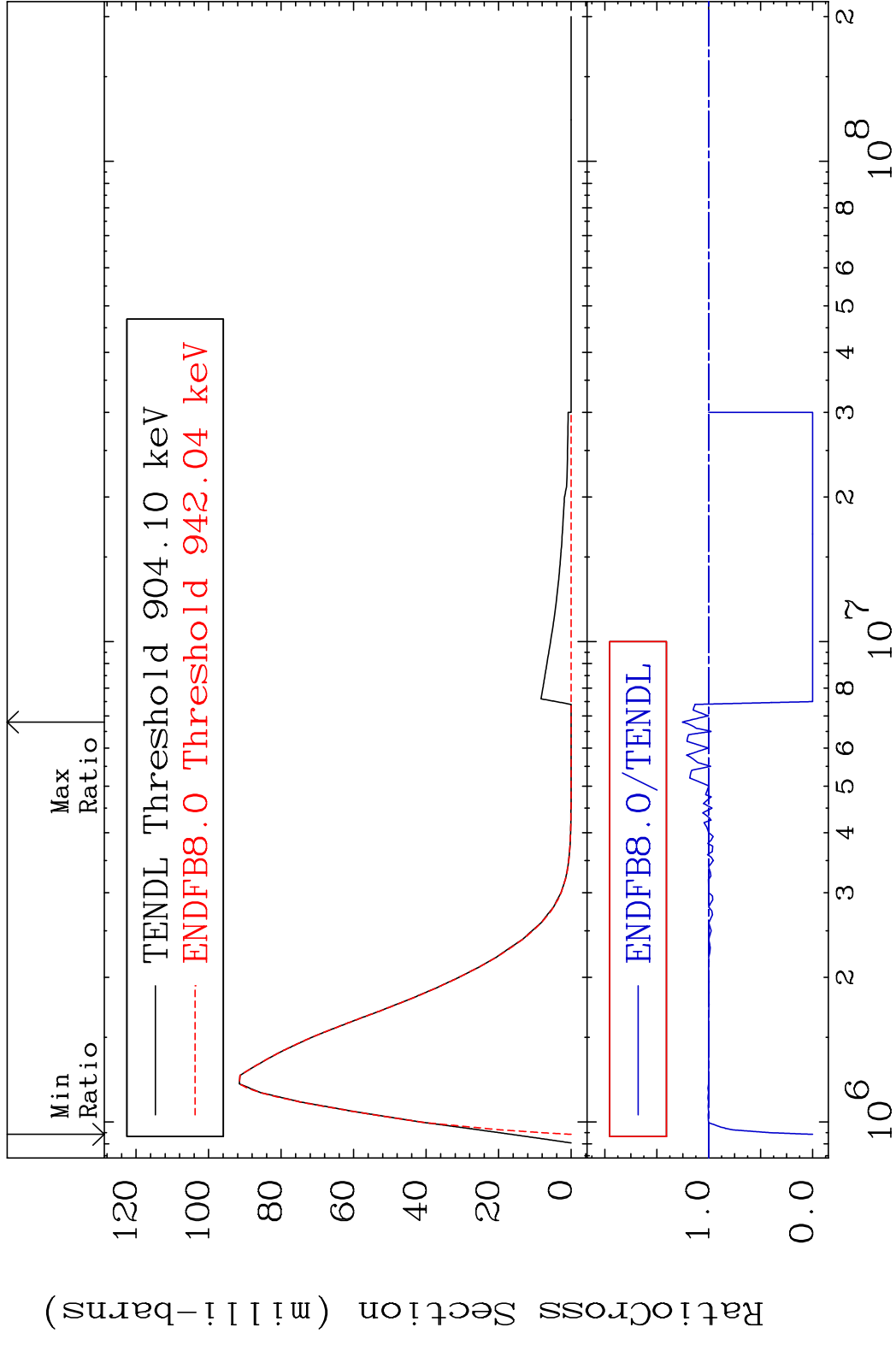


20 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 2

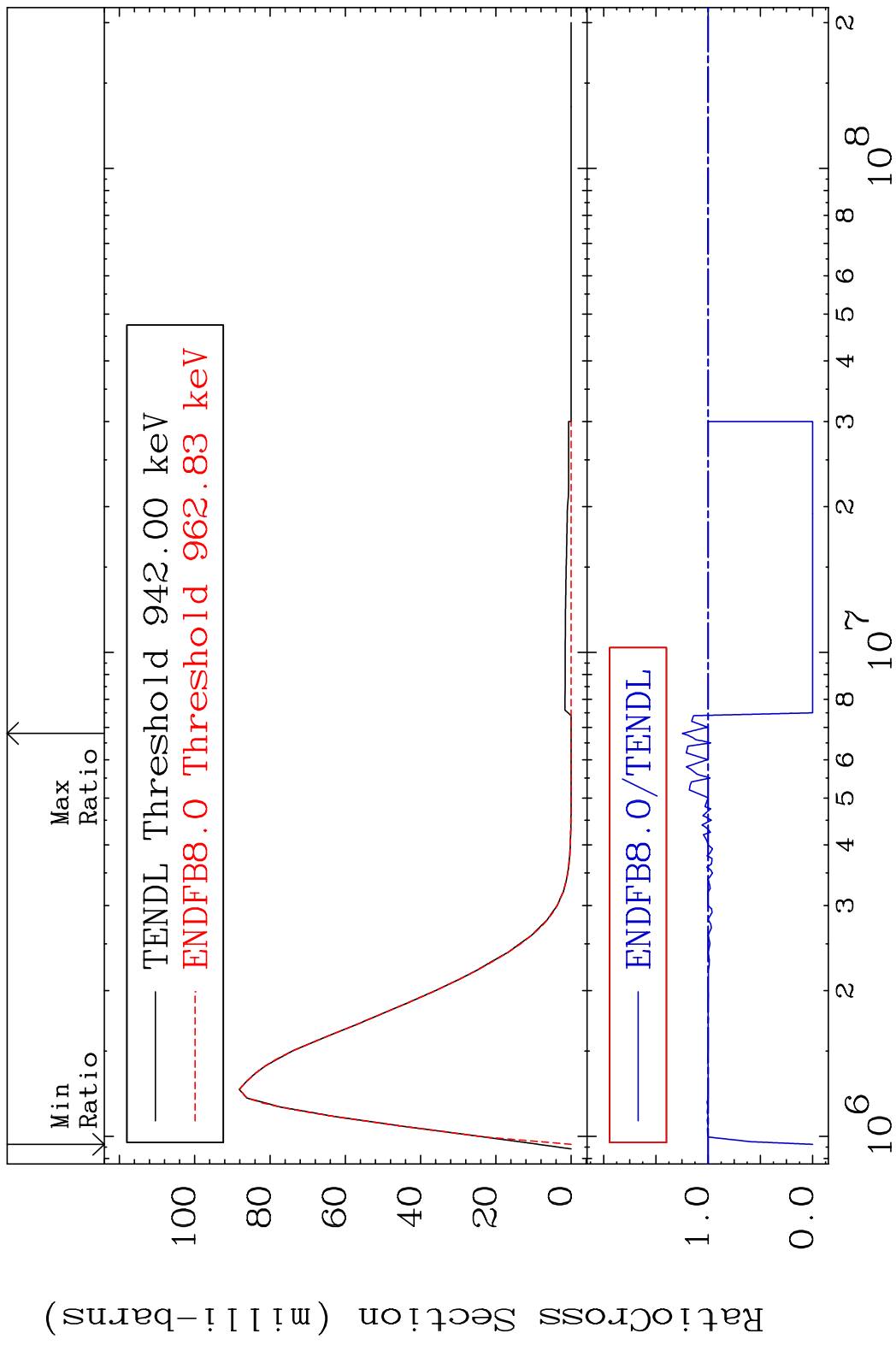
MAT 9440 MT= 60 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 33.05 %



MAT 9440 MT= 61 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 25.39 %



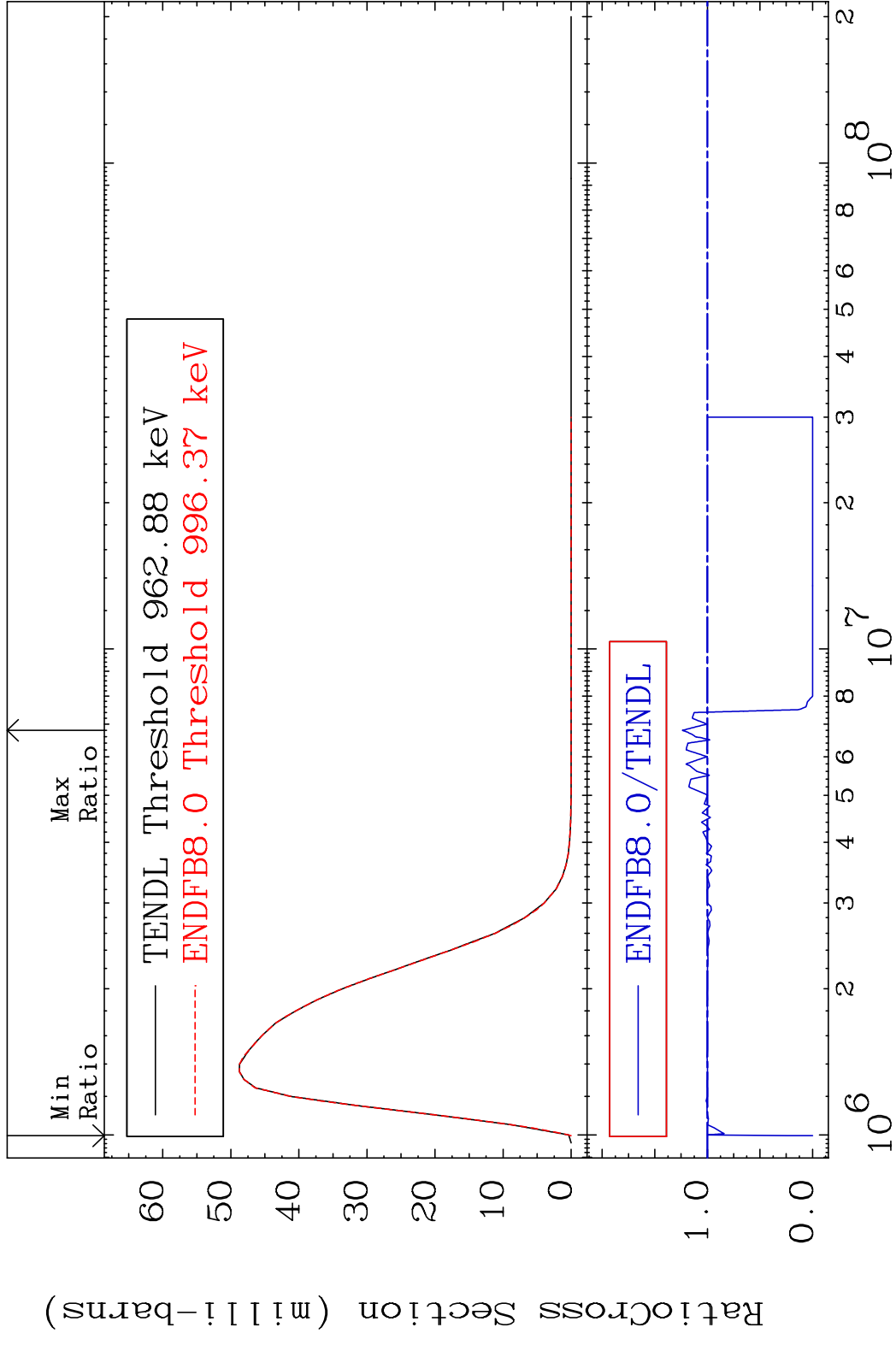
MAT 9440 MT= 62 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 24.62 %



23 Incident Energy (eV) 94-Pu-240

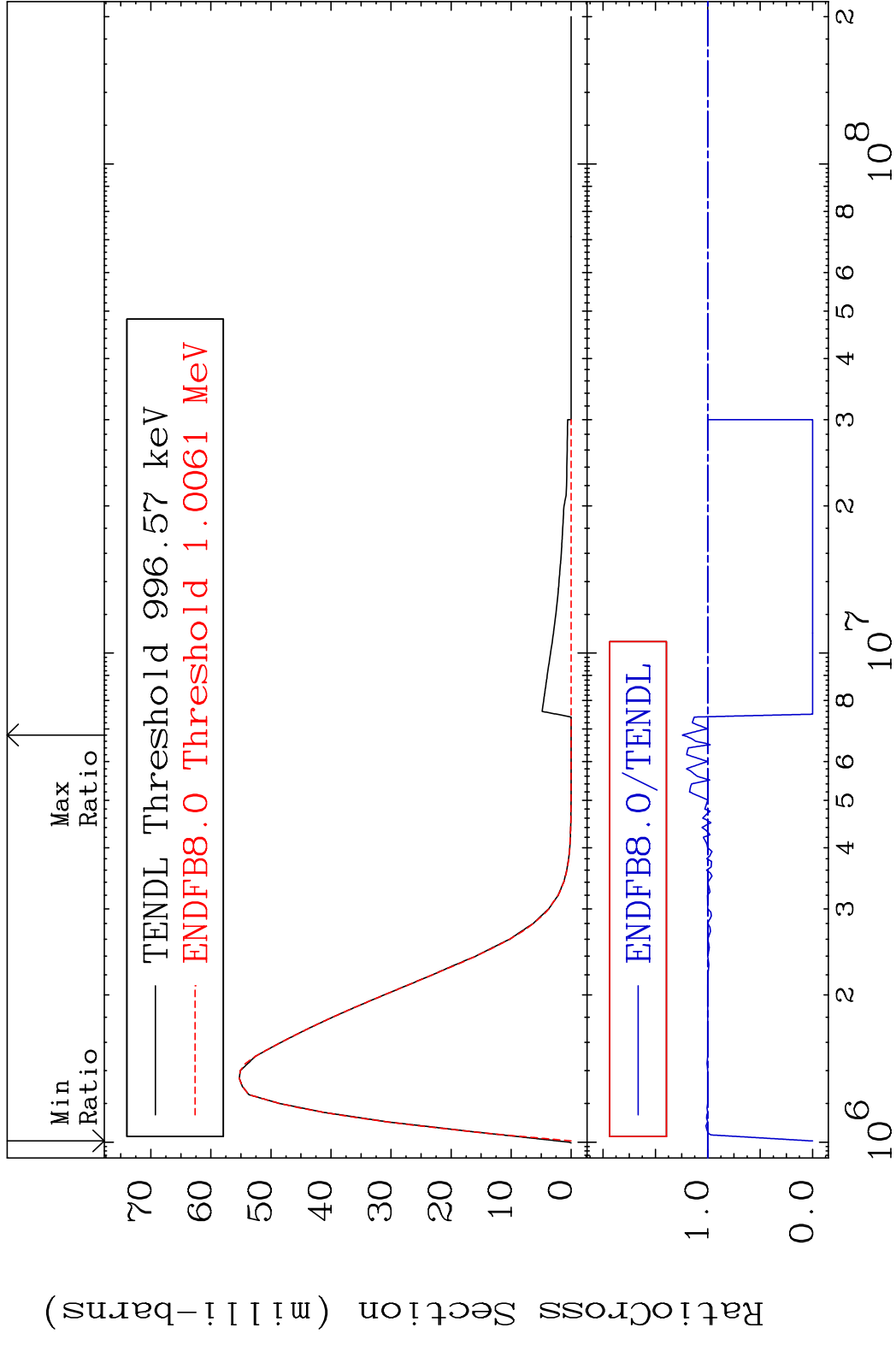


MAT 9440 MT= 63 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 23.78 %



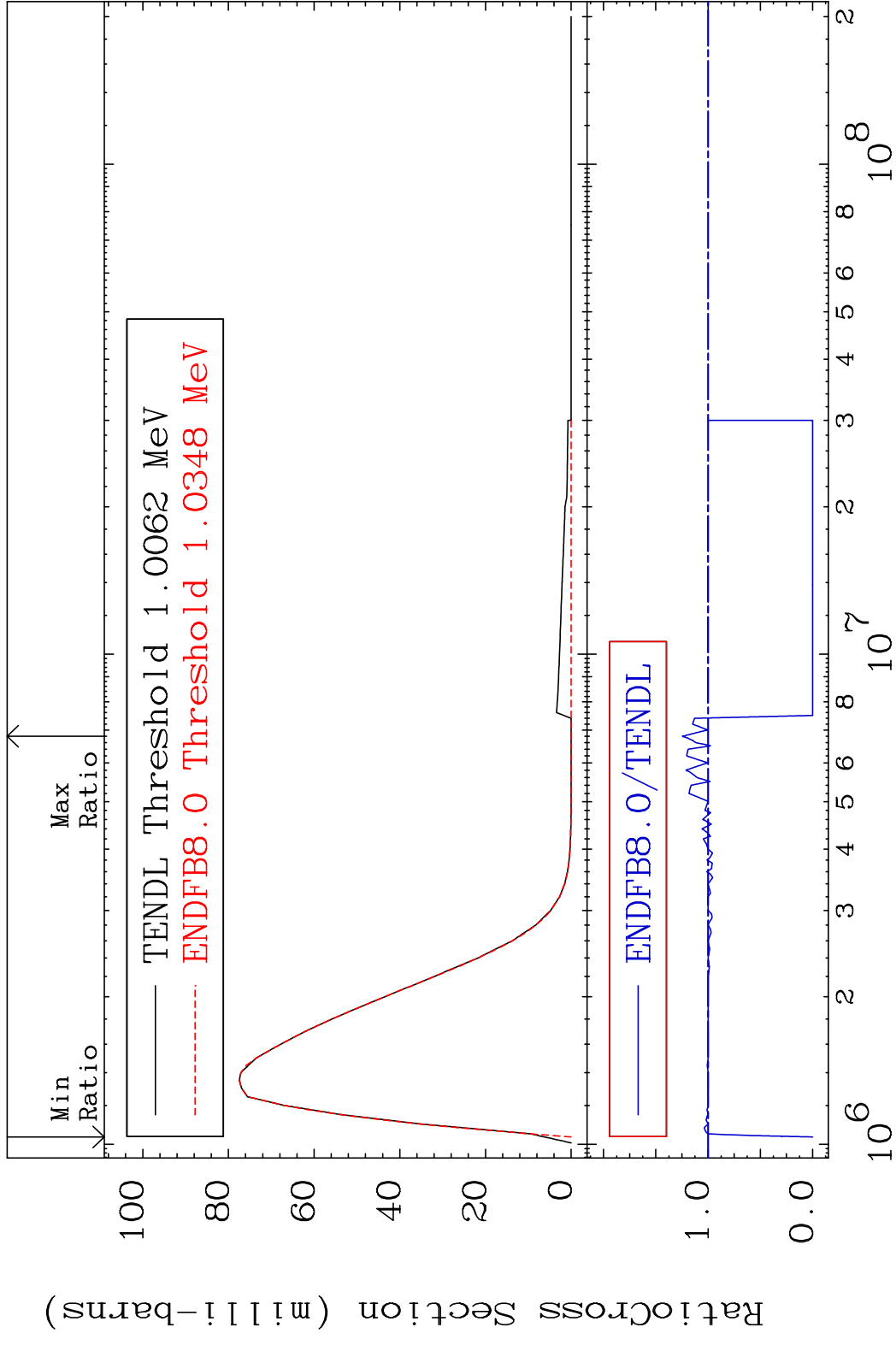
24 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 64 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 24.29 %



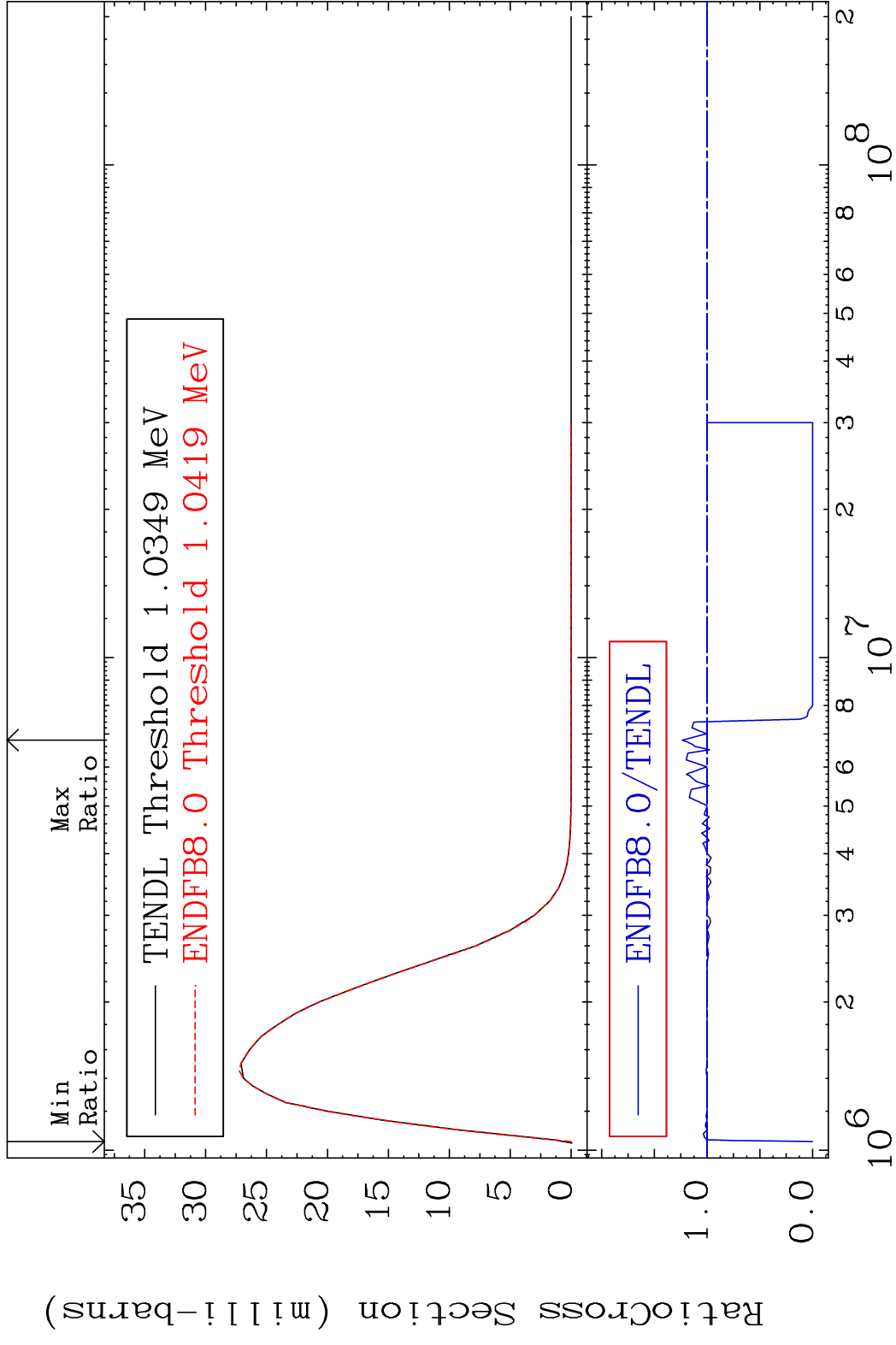
25 94-Pu-240

MAT 9440 MT= 65 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 24.60 %

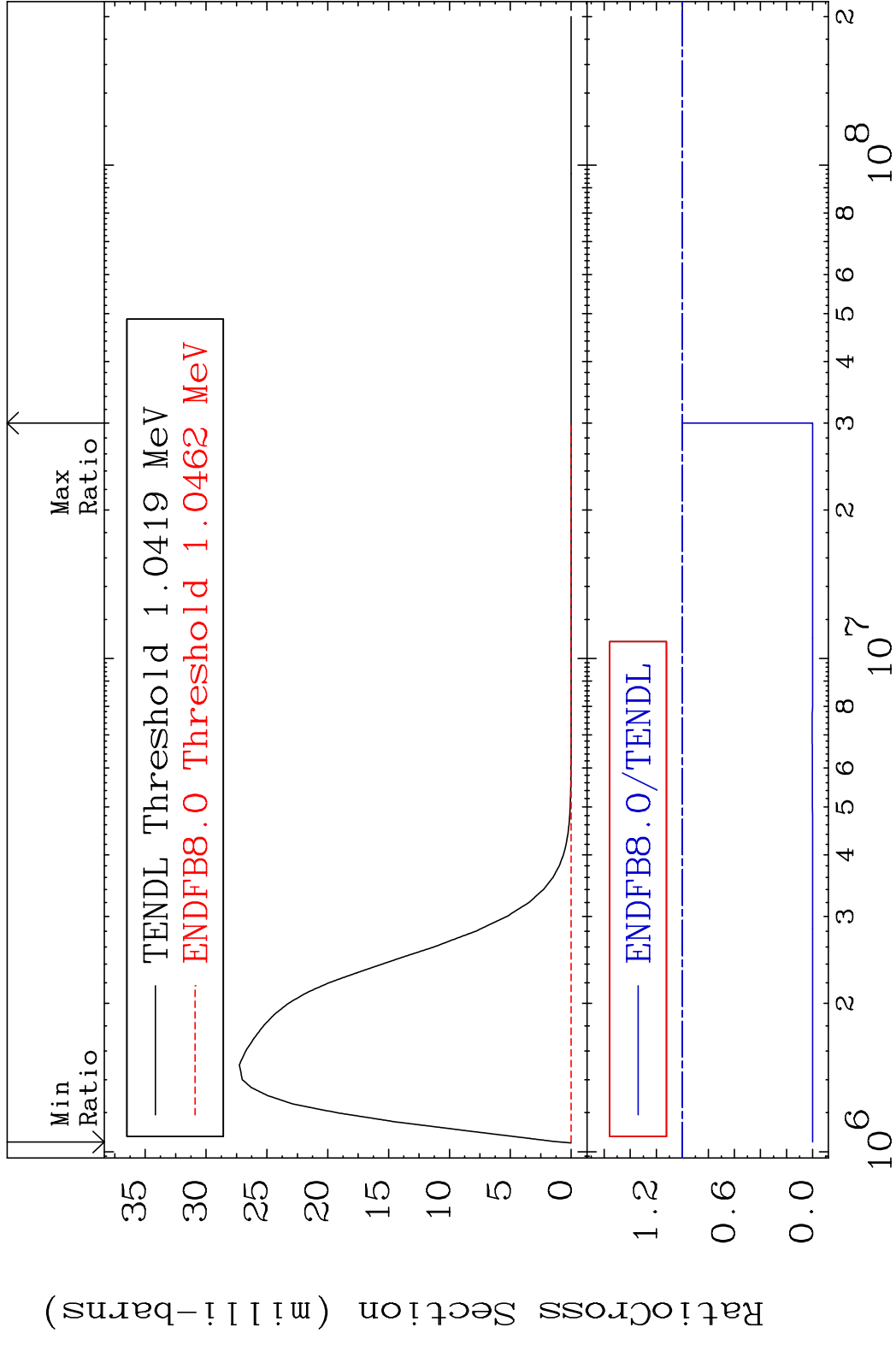


26 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 66 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 23.48 %

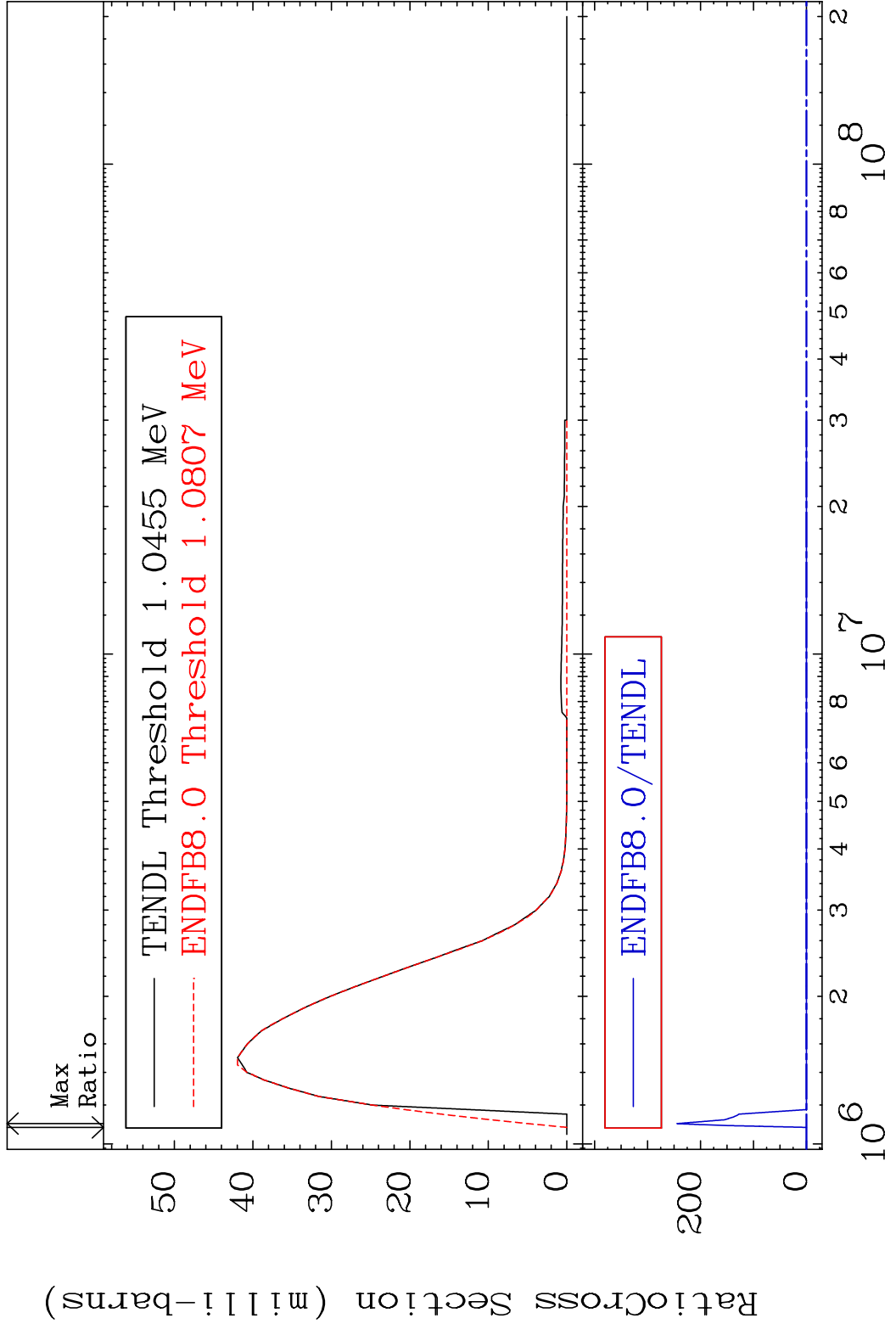


MAT 9440 MT= 67 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 0.000 %



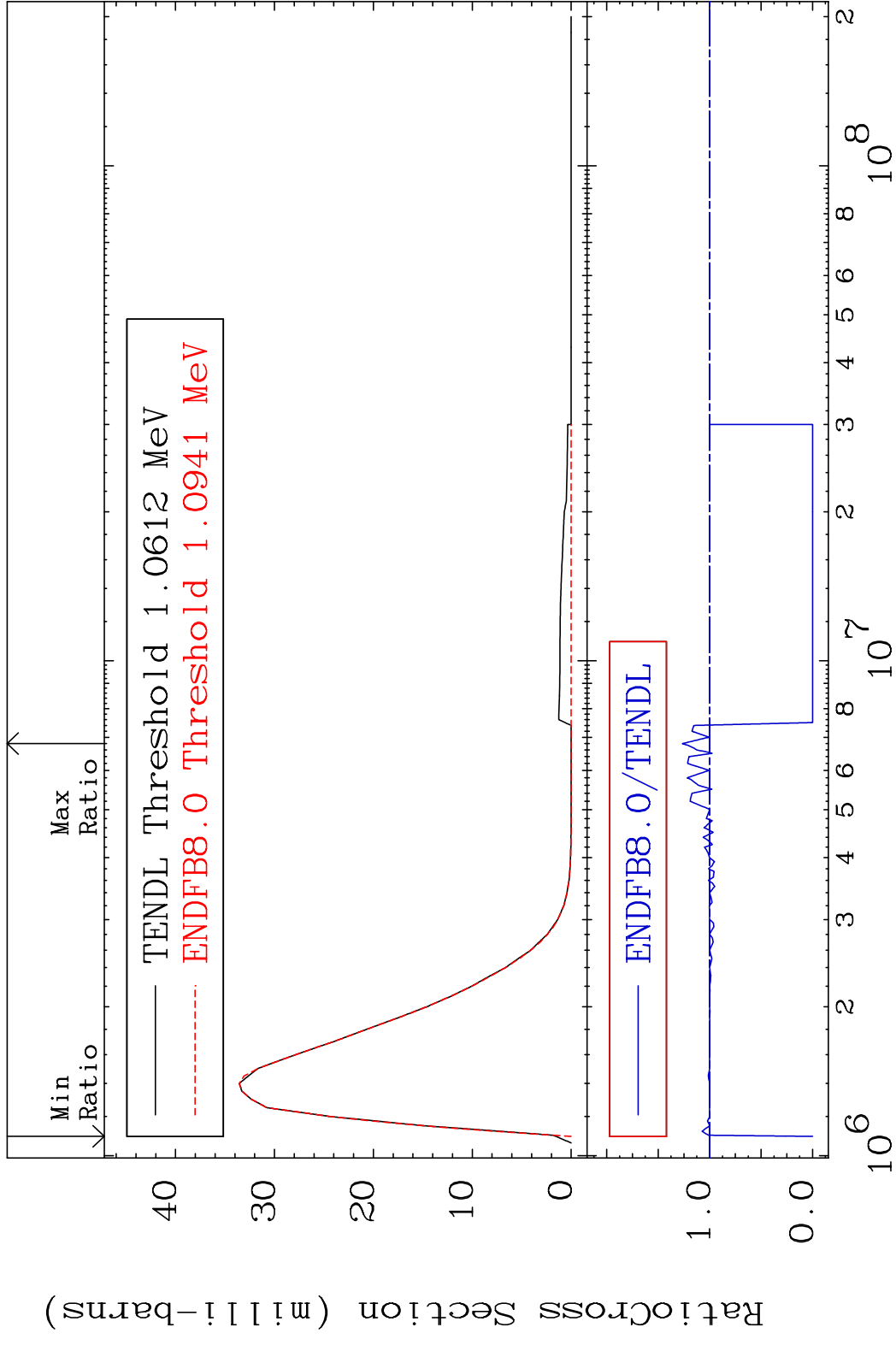
28 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 68 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



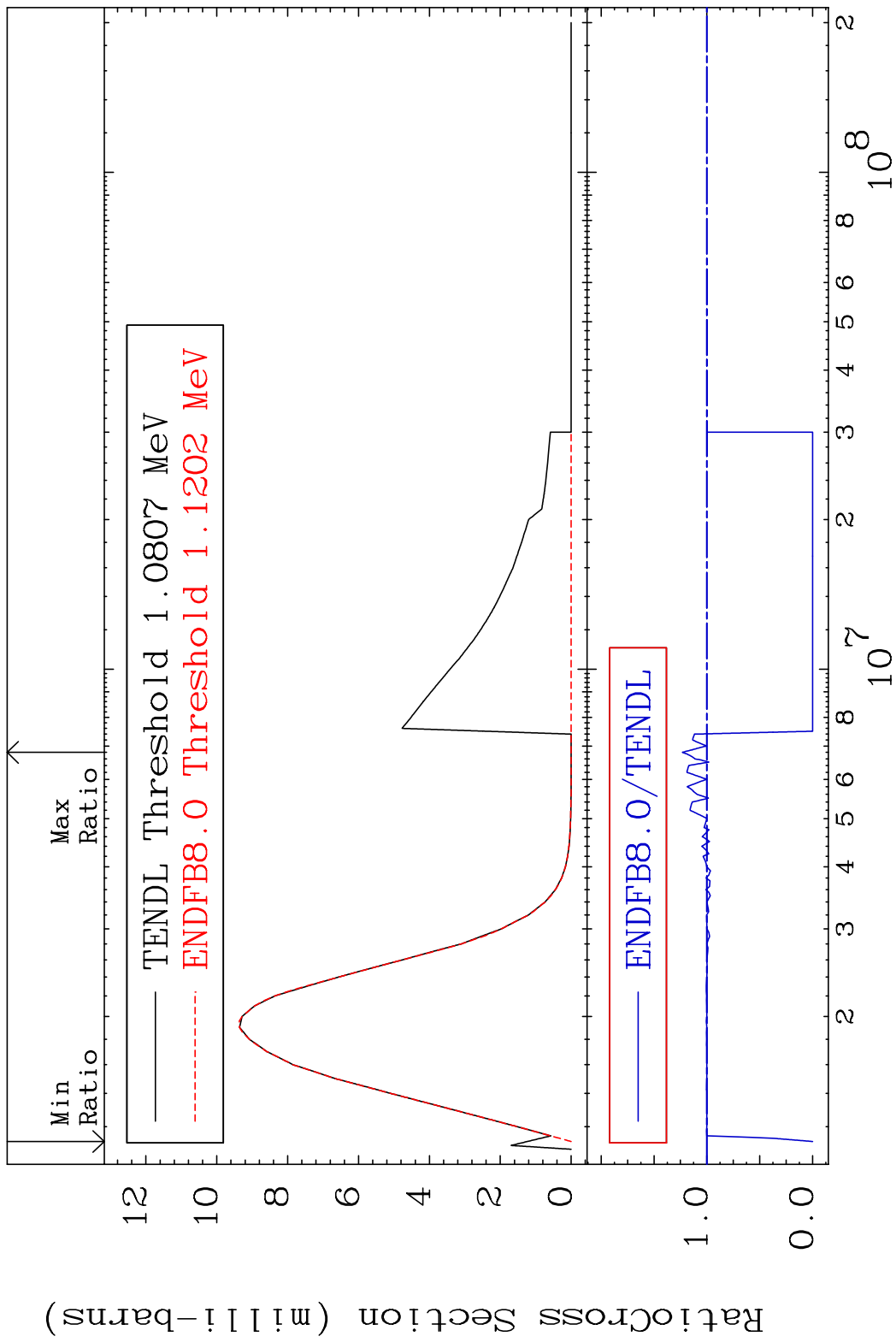
29 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 69 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 26.50 %



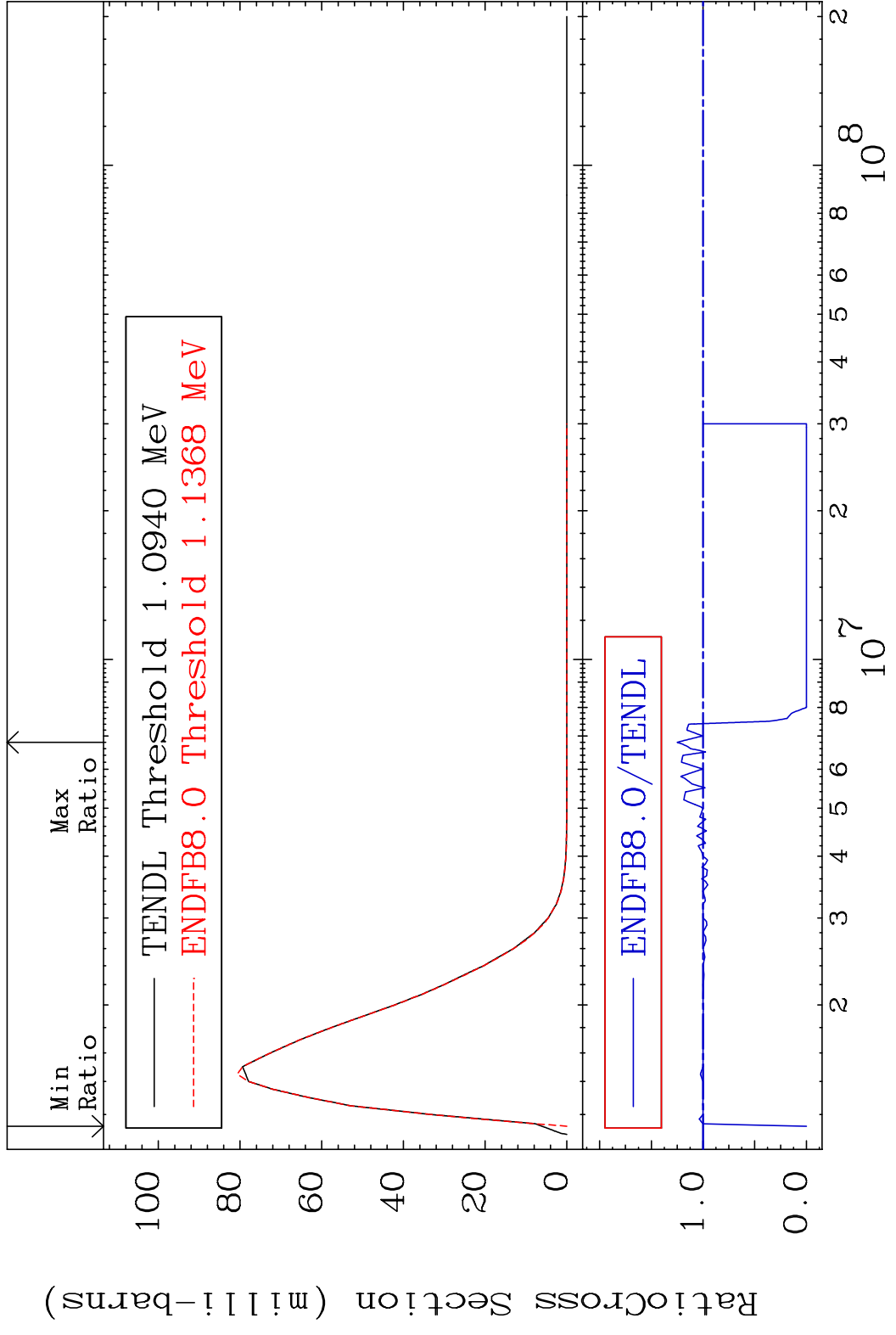
30 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 70 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 23.19 %

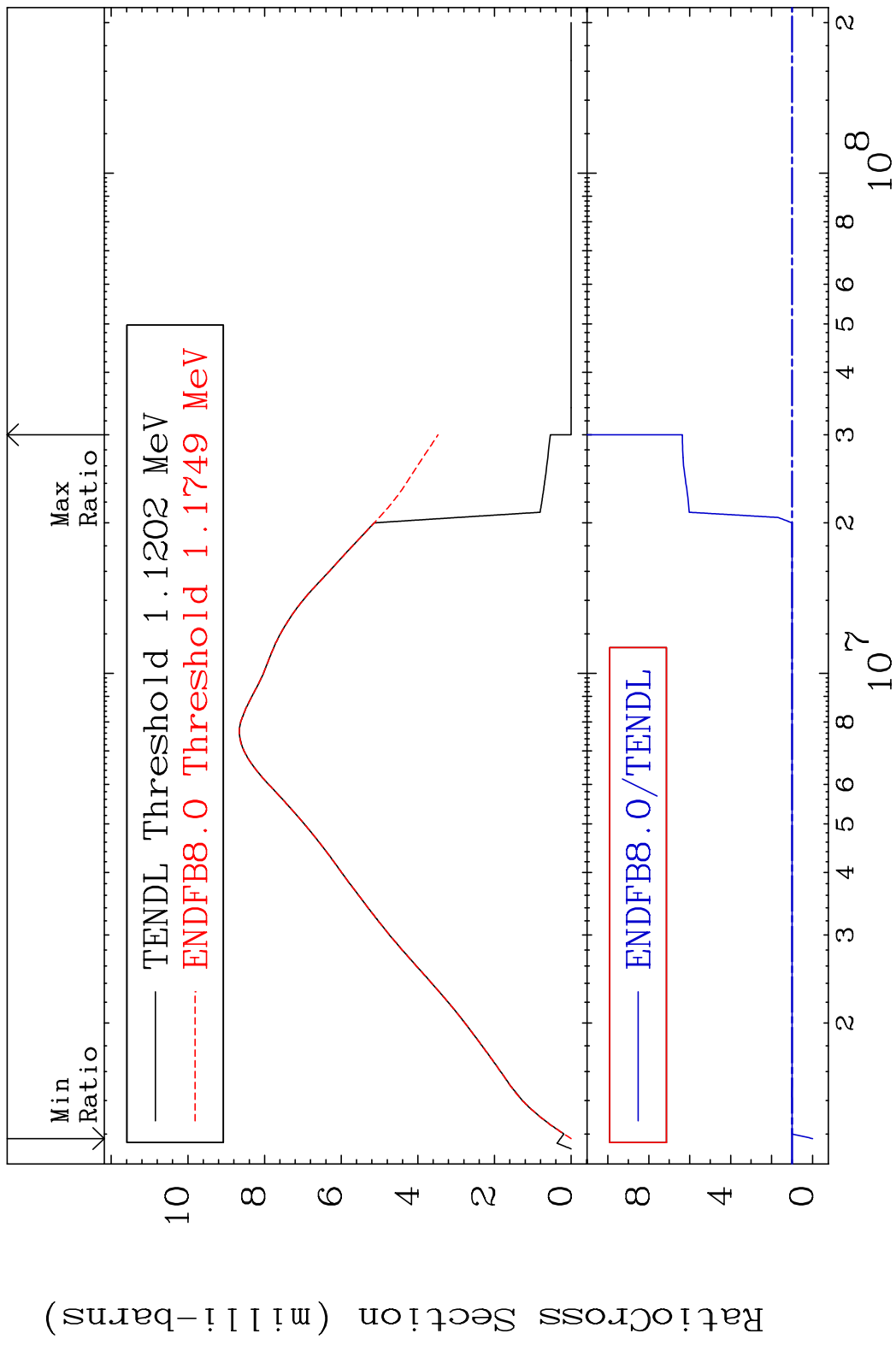




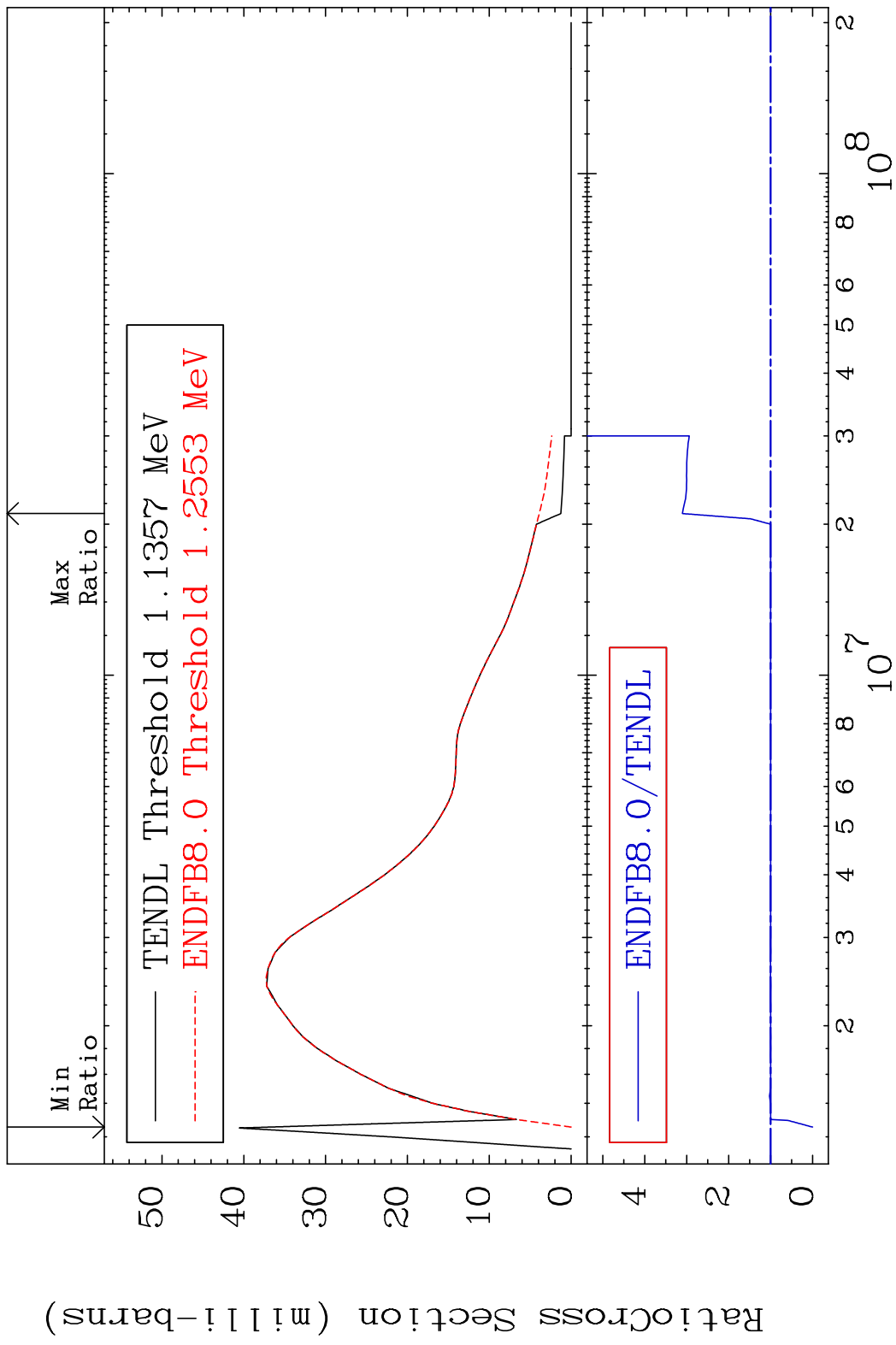
MAT 9440 MT= 71 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 25.00 %



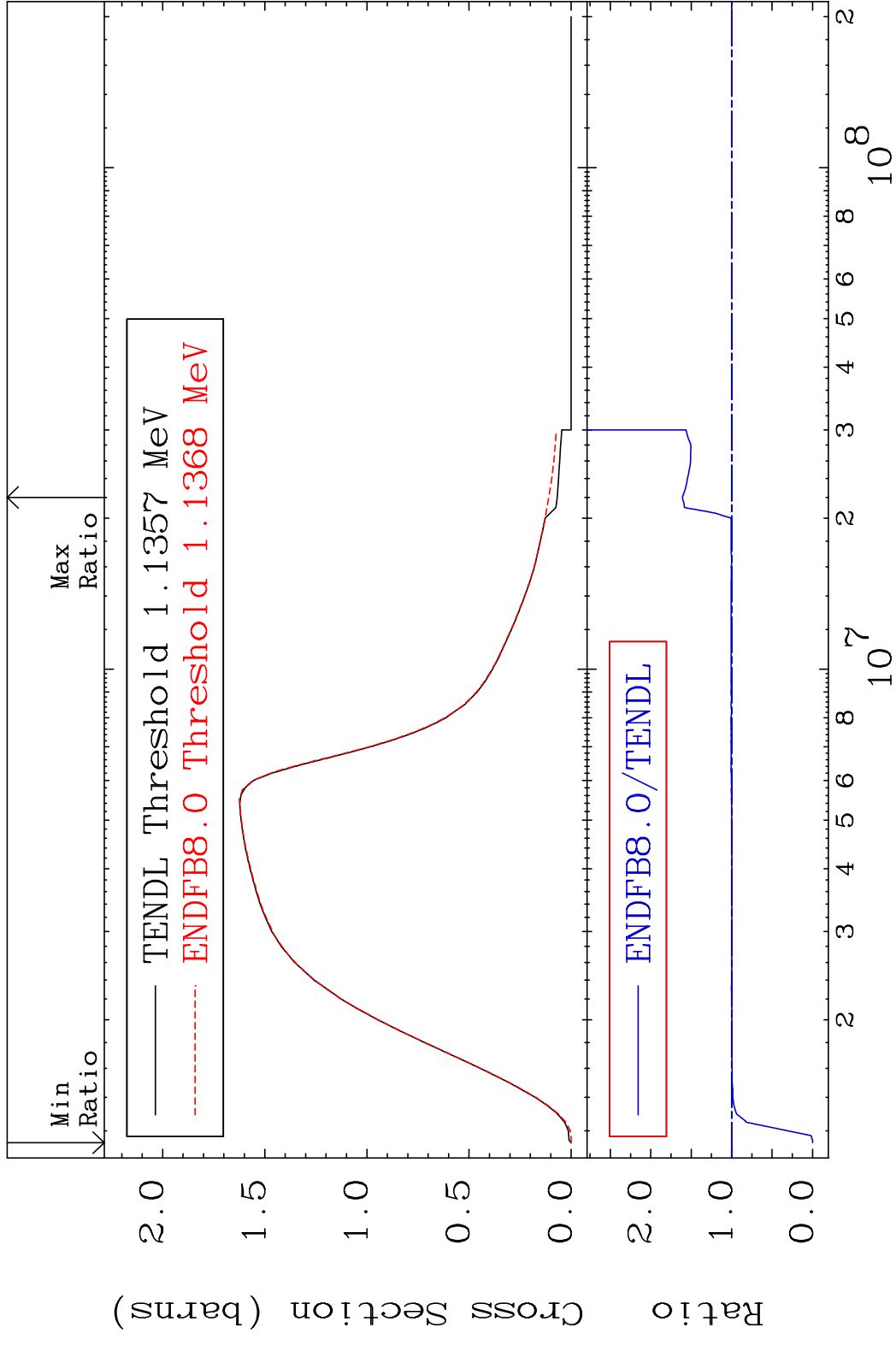
MAT 9440 MT= 72 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 536.0 %



MAT 9440 MT= 73 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 210.3 %



MAT 9440 (n,n') Continuum 94-Pu-240  
 Cross Section -100.0 To 60.99 %

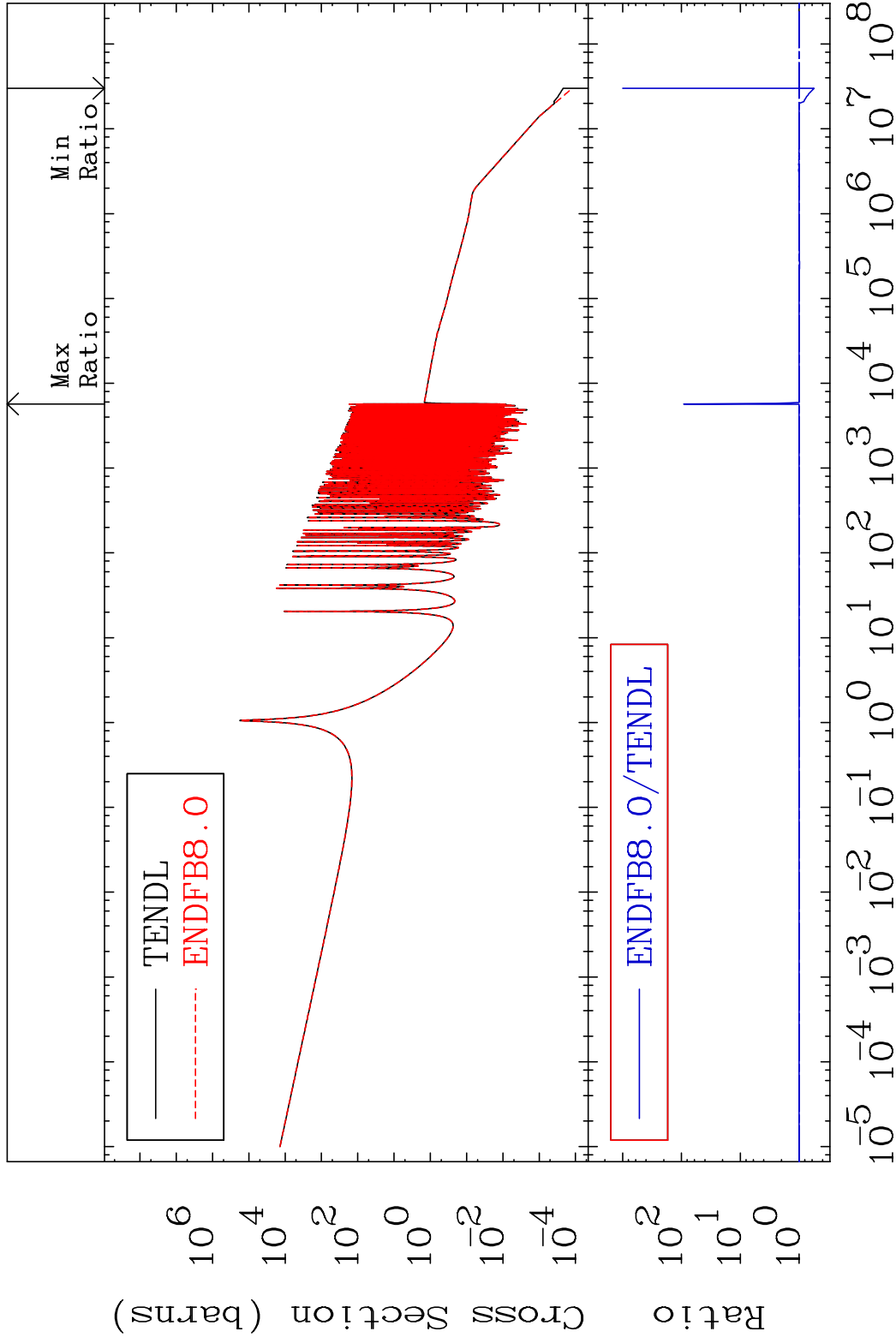


MAT 9440

(n,  $\gamma$ )

94-Pu-240

Cross Section -44.44 To 9065. %



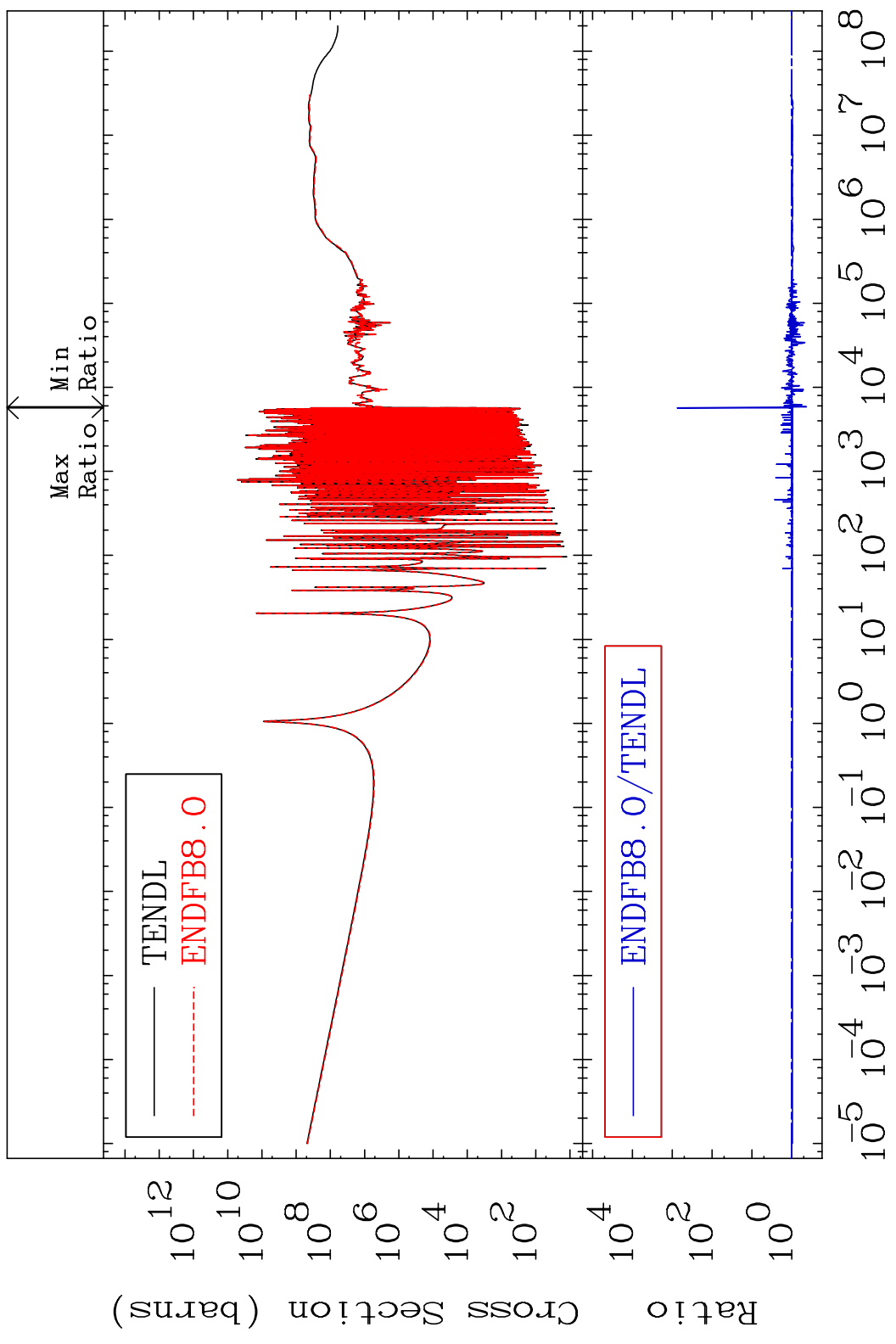
36

Incident Energy (eV)

94-Pu-240

MAT 9440

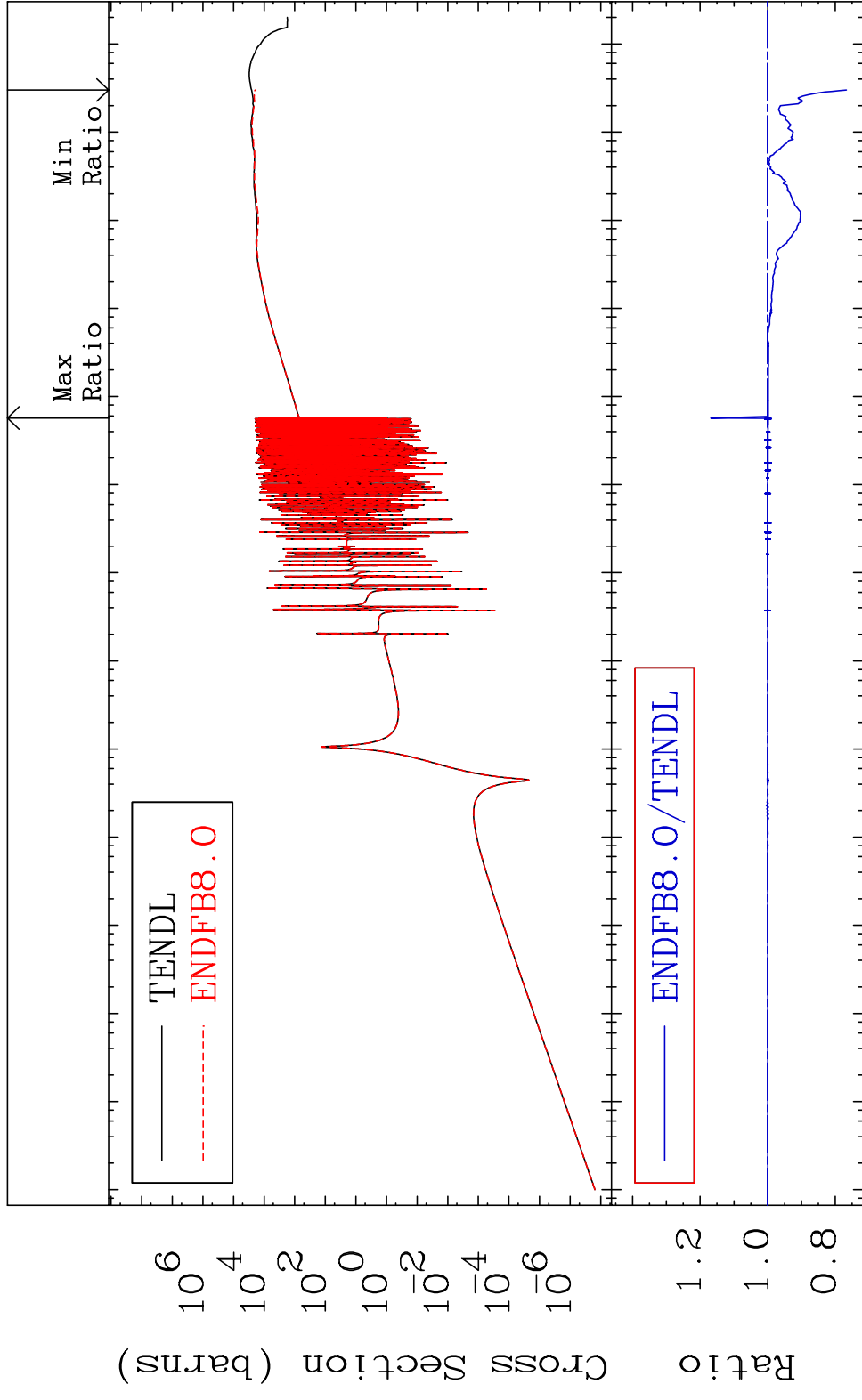
Kerma total (eV-barns) 94-Pu-240  
Cross Section -57.11 To 9999. %



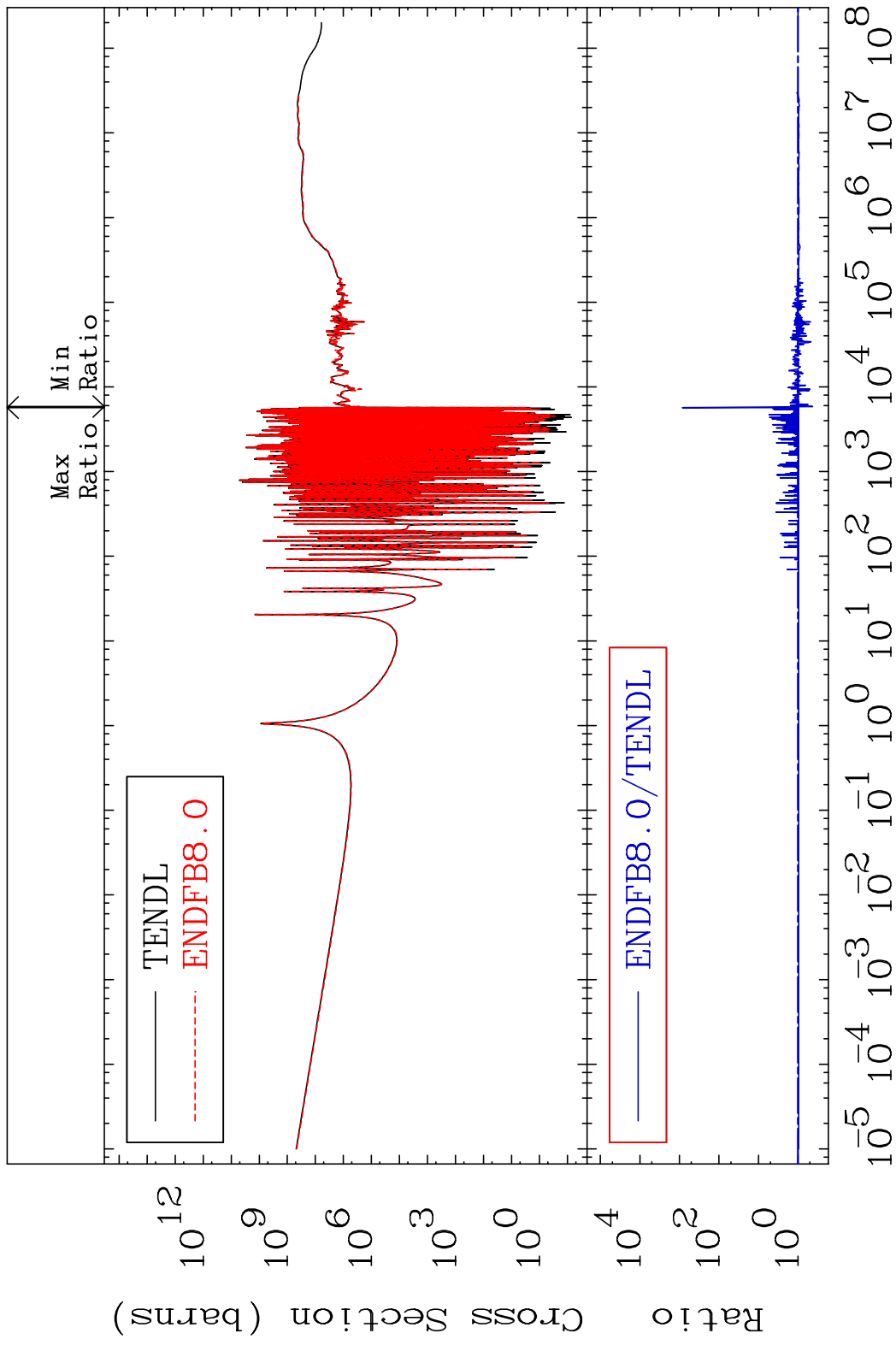
MAT 9440

Kerma elastic  
Cross Section

94-Pu-240  
-23.30 To 16.87 %

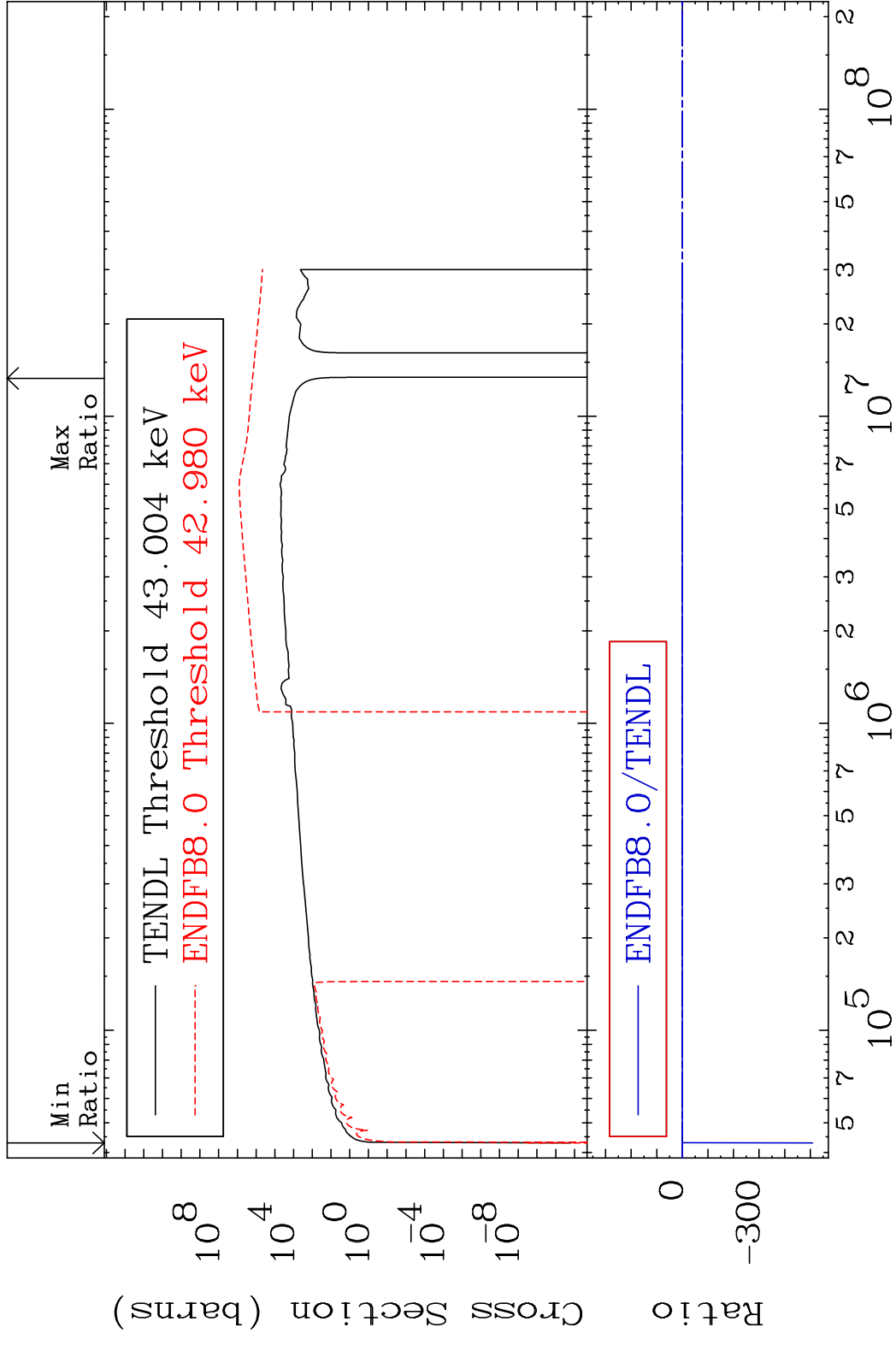


MAT 9440 Kerma non-elastic (all but mt2) 94-Pu-240  
 Cross Section -57.12 To 9999. %



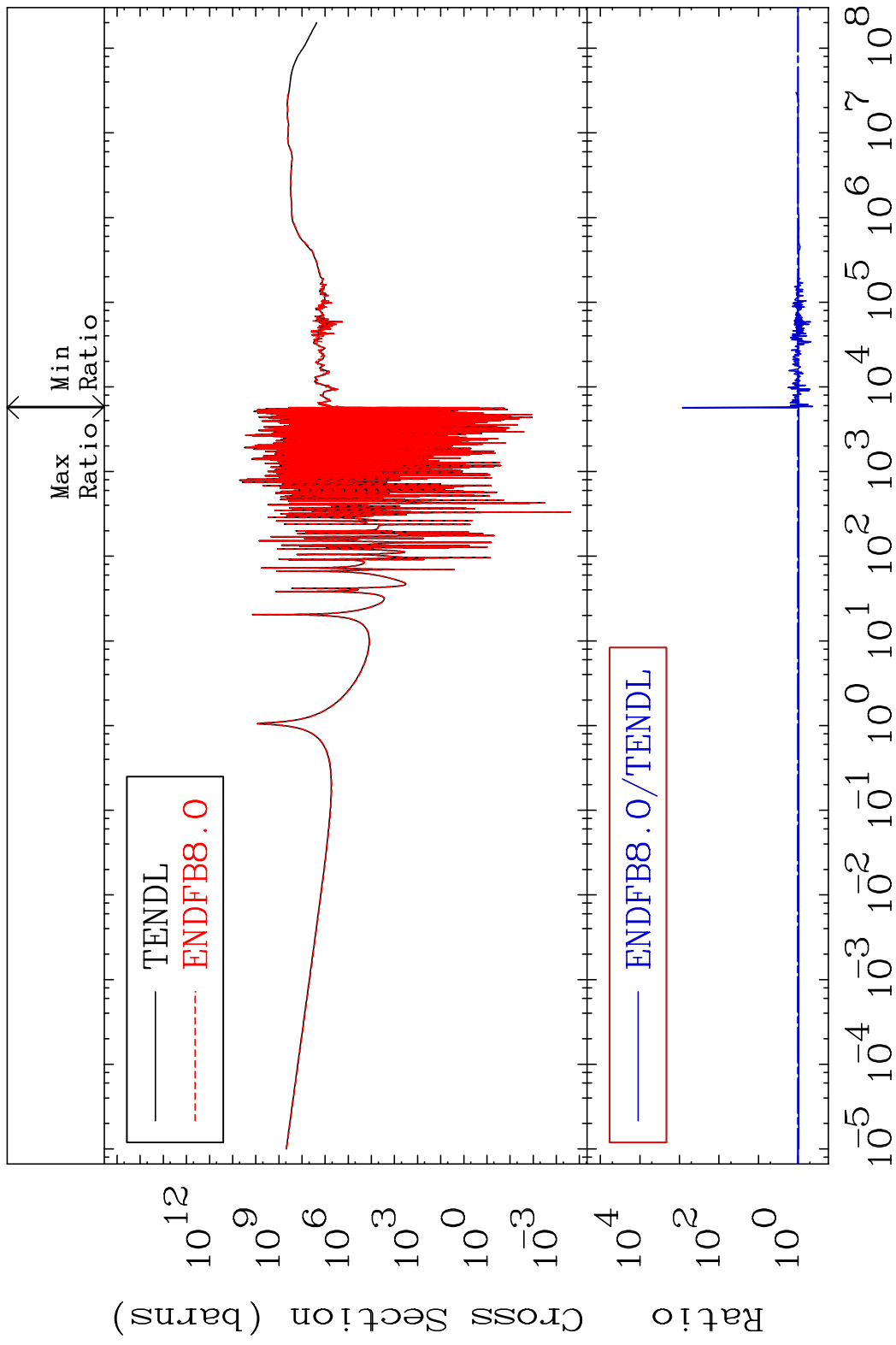


MAT 9440 Kerma inelastic (mt51-91) 94-Pu-240  
 Cross Section -9999. To 9999. %

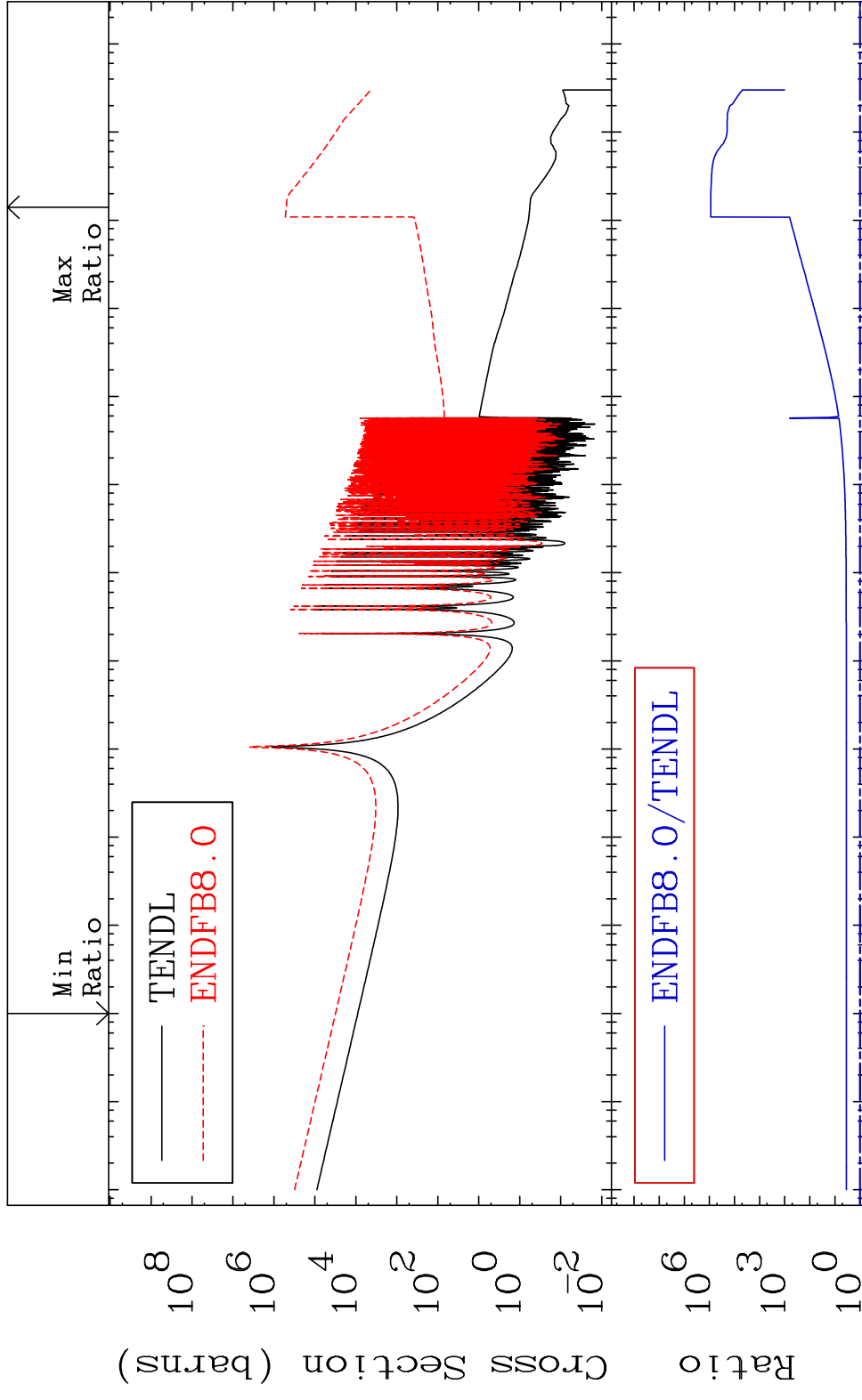


40 Incident Energy (eV) 94-Pu-240

MAT 9440 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-240  
 Cross Section -57.12 To 9999. %

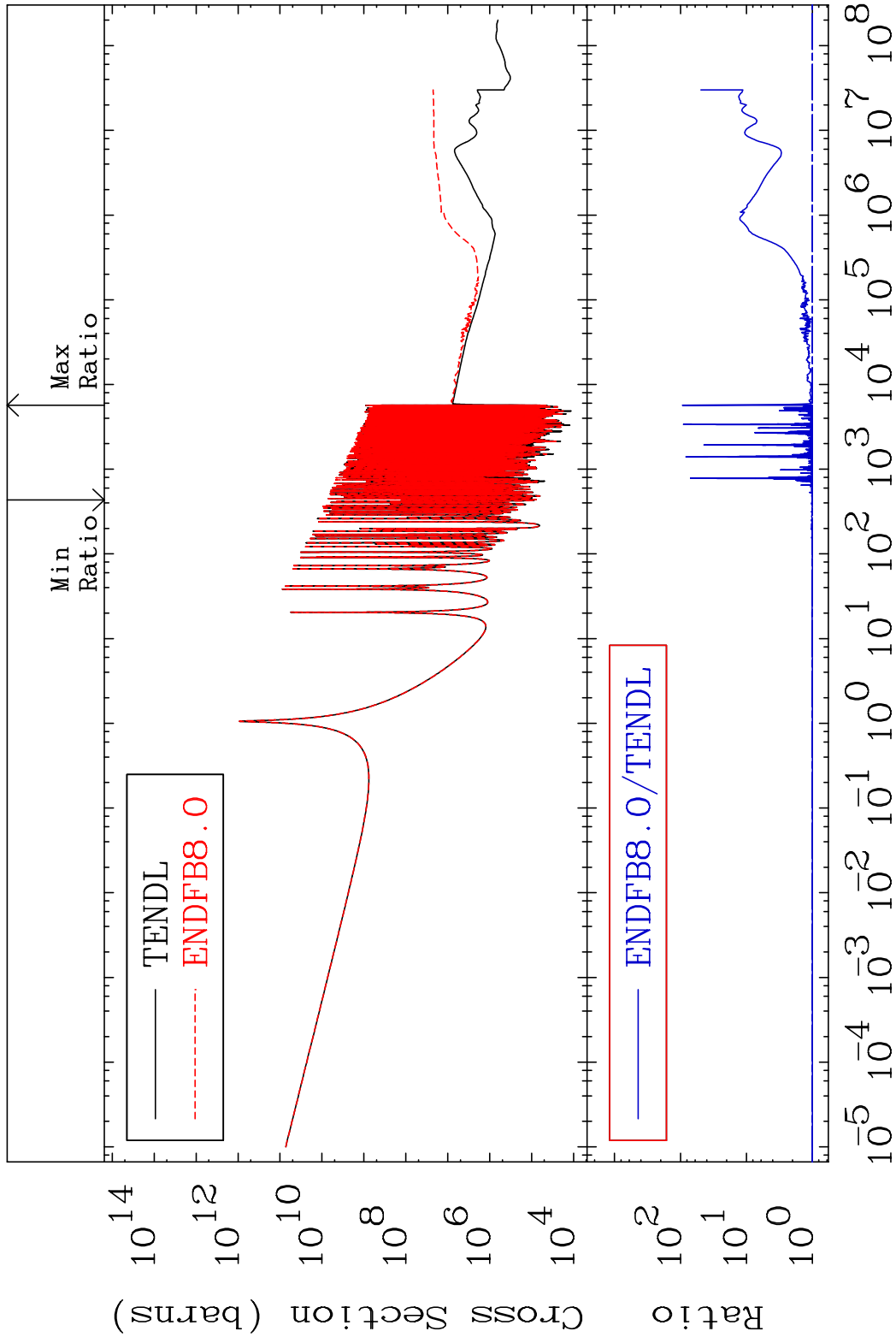


MAT 9440 Kerma capture (mt102) 94-Pu-240  
 Cross Section 249.1 To 9999. %



MAT 9440

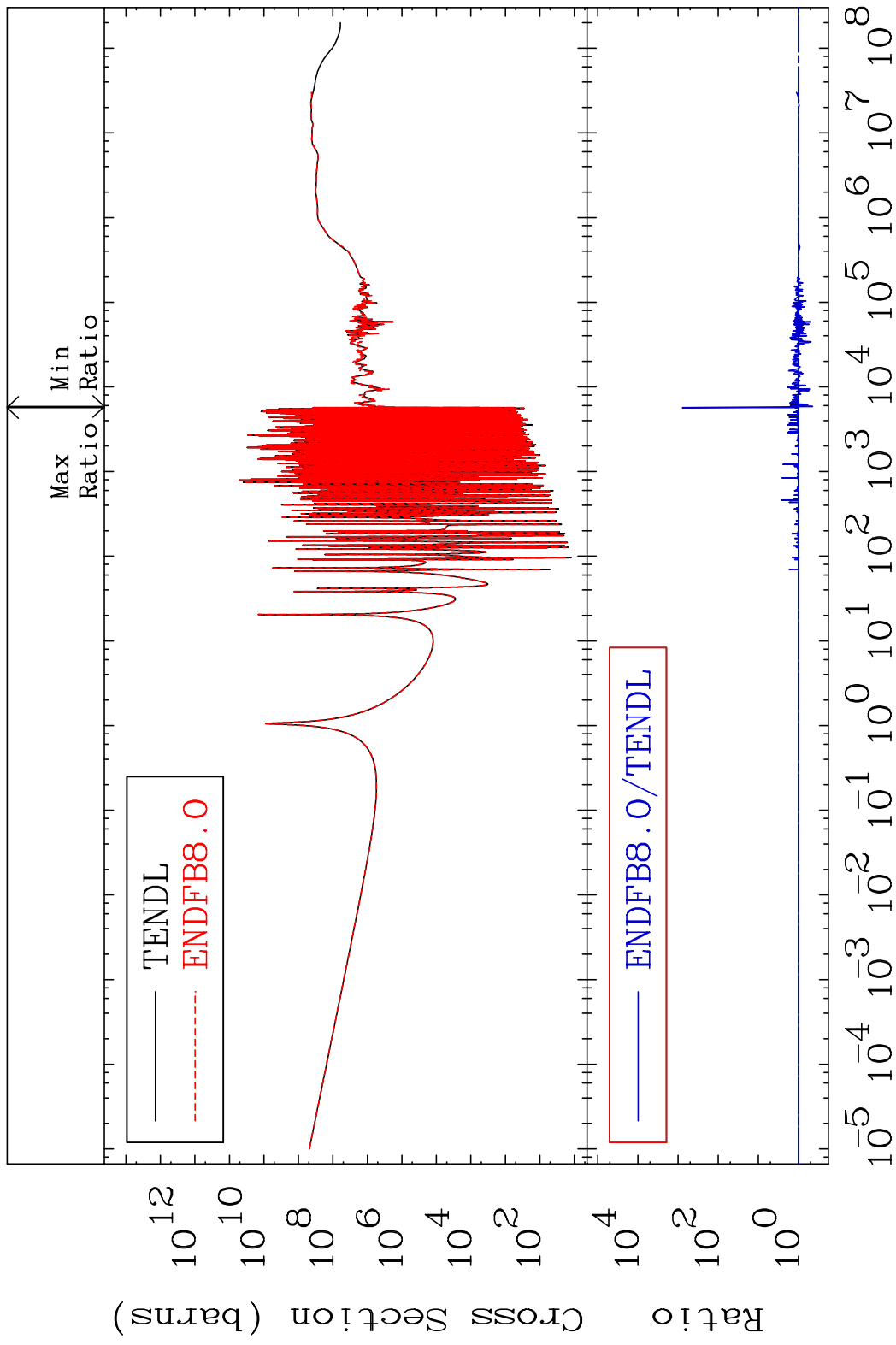
Total photon (eV-barns) 94-Pu-240  
Cross Section -0.886 To 9261. %



43

Incident Energy (eV) 94-Pu-240

MAT 9440 Total kinematic kerma (high limit) 94-Pu-240  
 Cross Section -55.38 To 9999. %

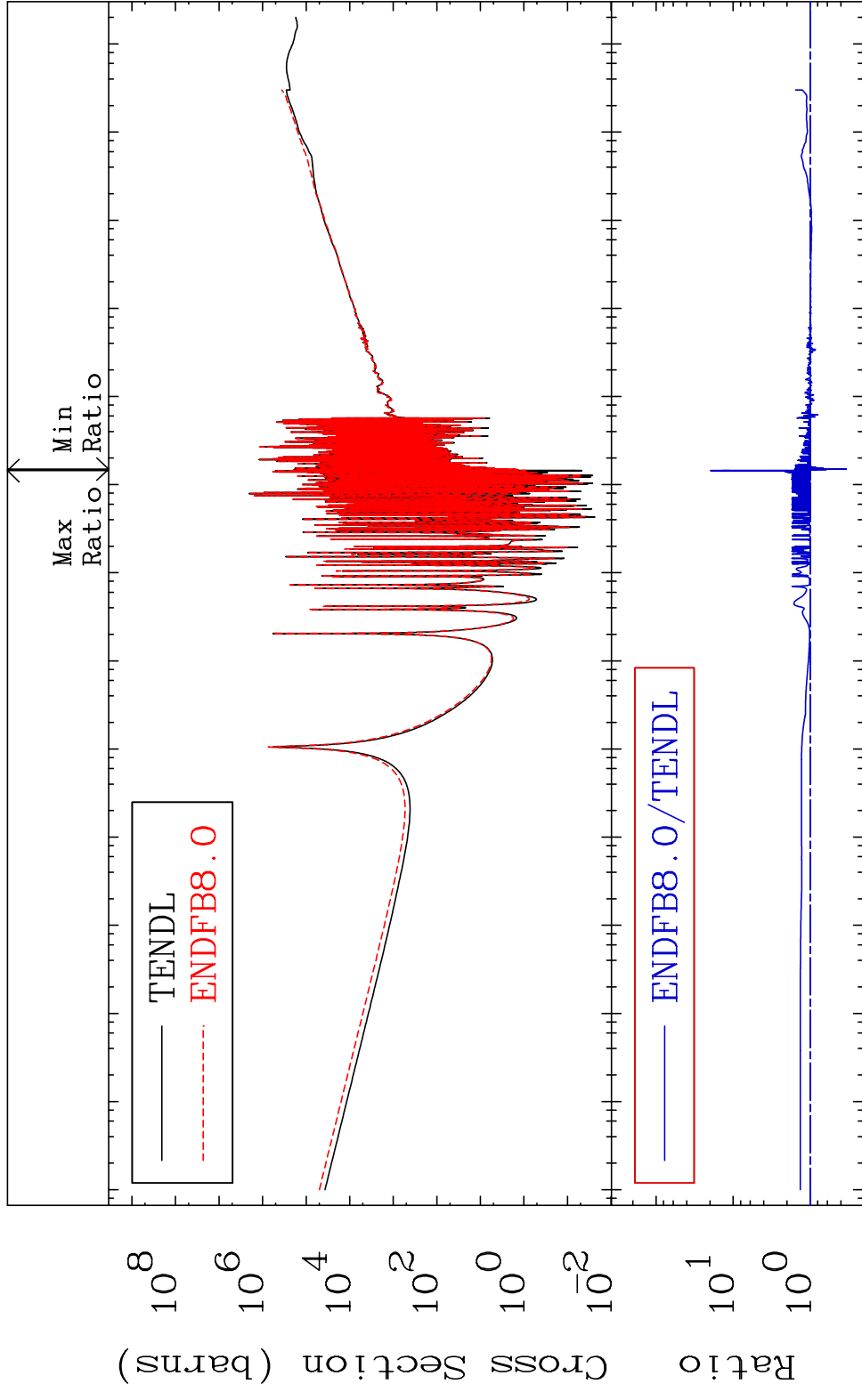


MAT 9440

Dpa total (eV-barns)

94-Pu-240

Cross Section -66.00 To 1856. %

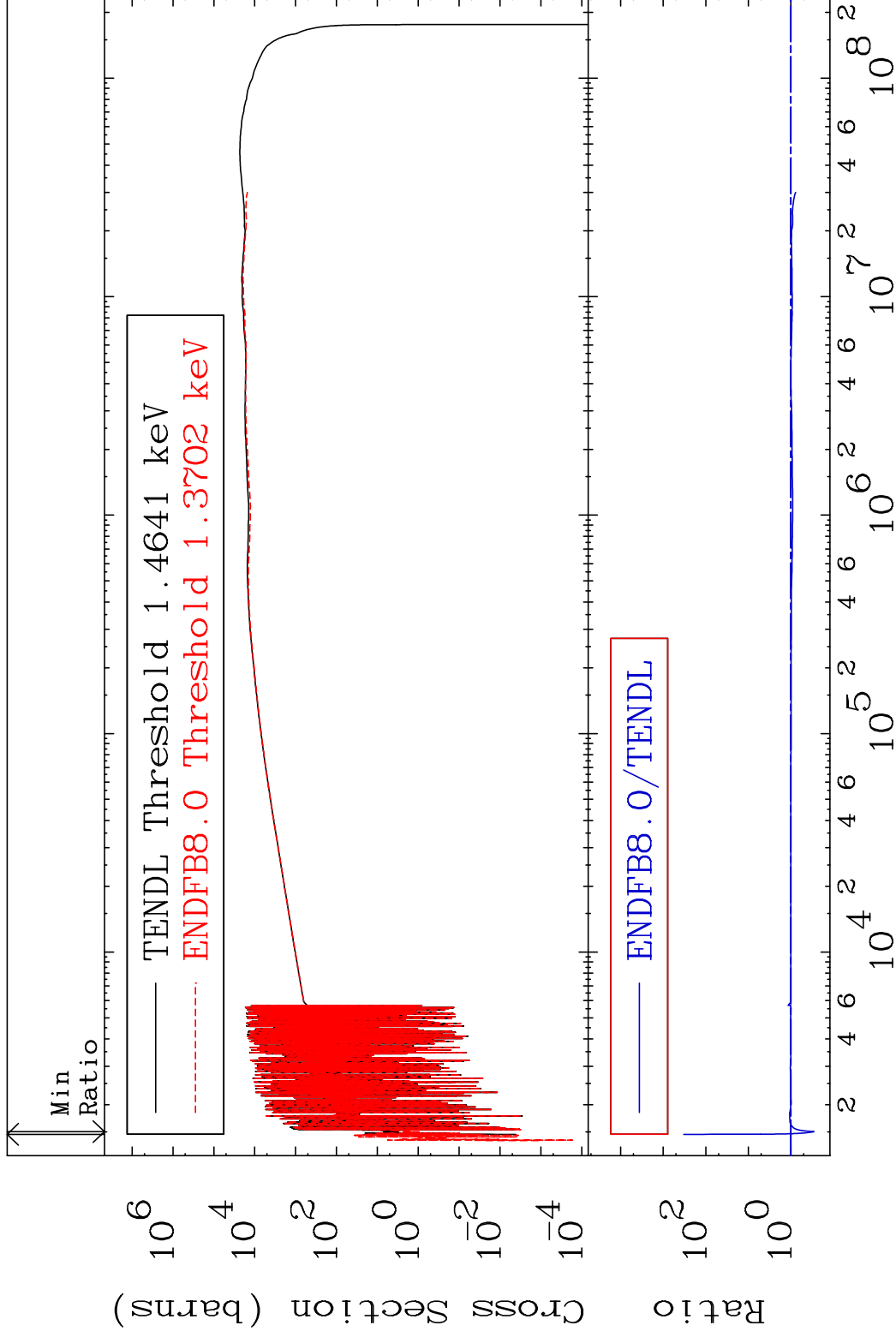


MAT 9440

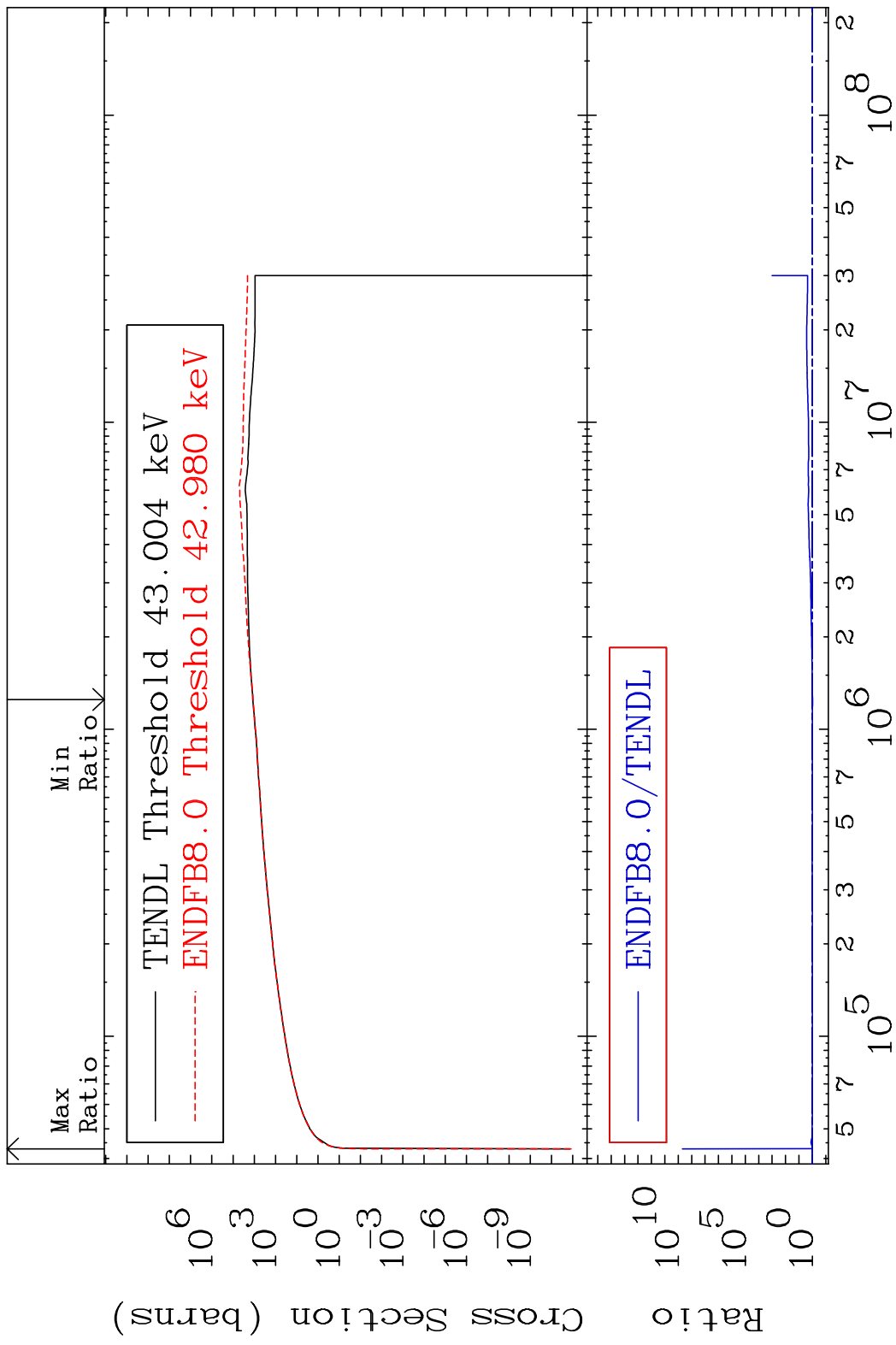
Dpa elastic (mt2)

94-Pu-240

Cross Section -71.63 To 9999. %



MAT 9440 Dpa inelastic (mt51-91) 94-Pu-240  
 Cross Section -4.129 To 9999. %





MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240  
 Cross Section -100.0 To 9999. %

