

Program Complot  
(Version 2021-1)

by

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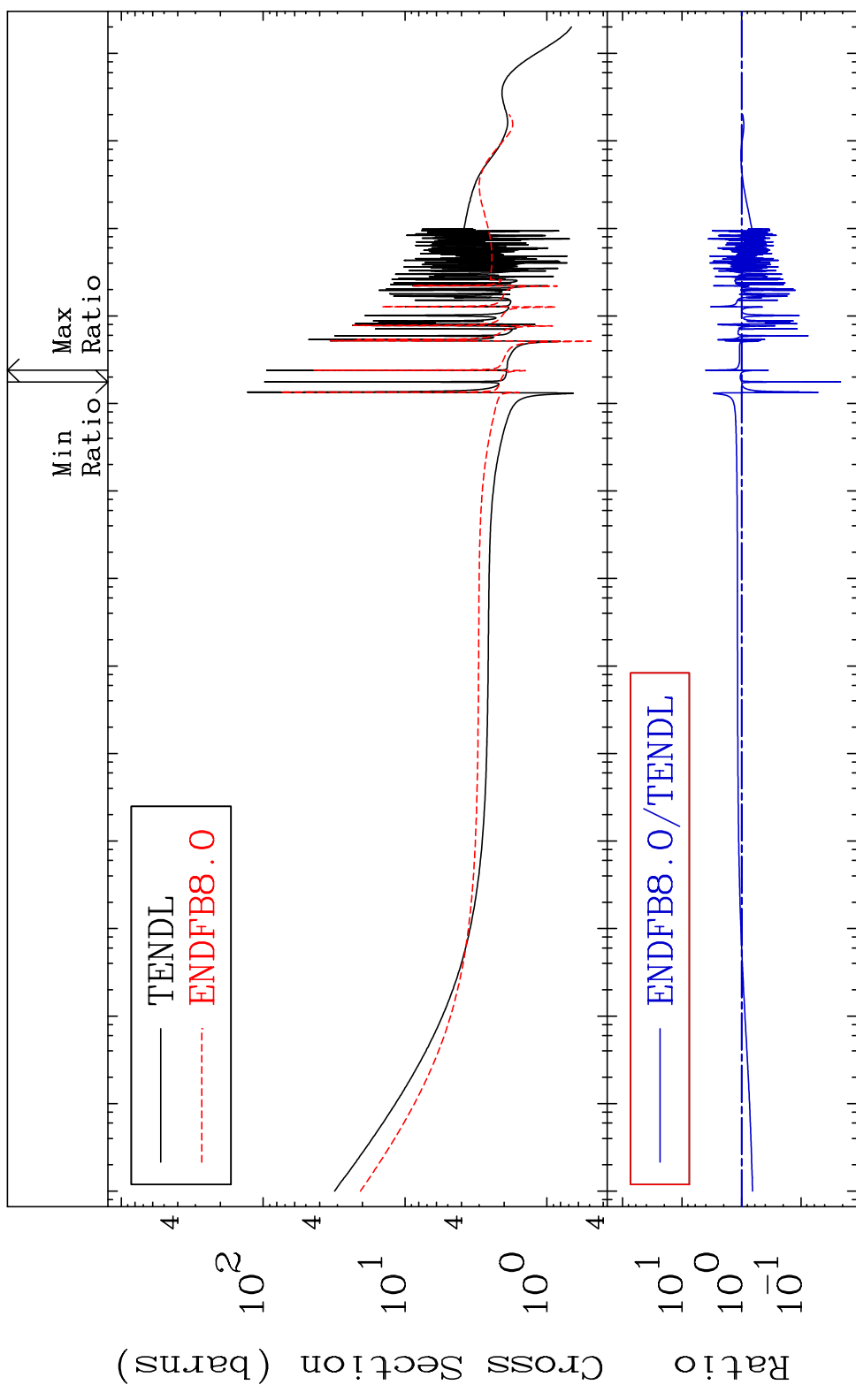
Press Mouse Button to Start

MAT 1628

Total

16-S -33

Cross Section -97.82 To 300.0 %



1

Incident Energy (eV)

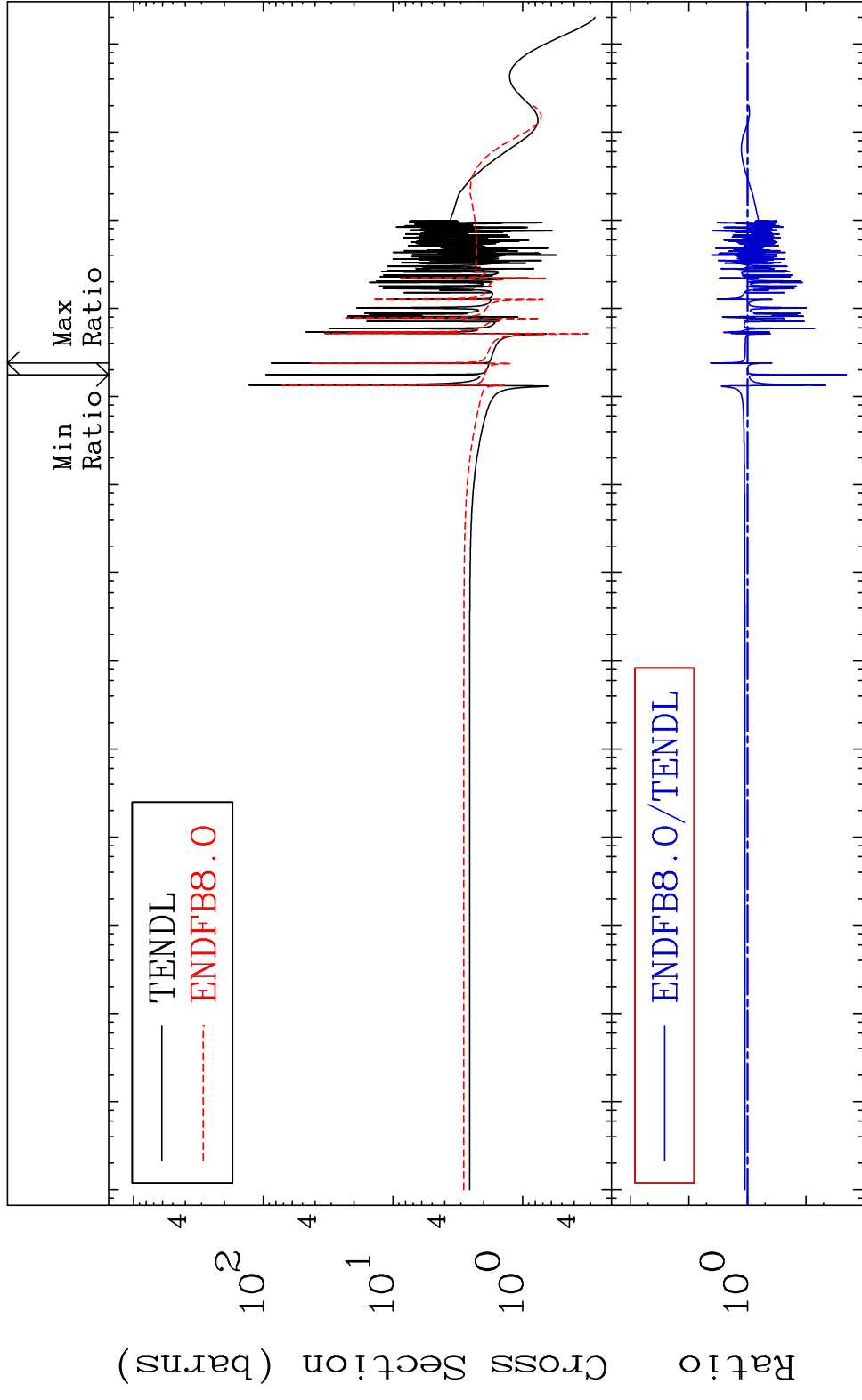
16-S -33

MAT 1628

Elastic

16-S -33

Cross Section -97.95 To 324.1 %



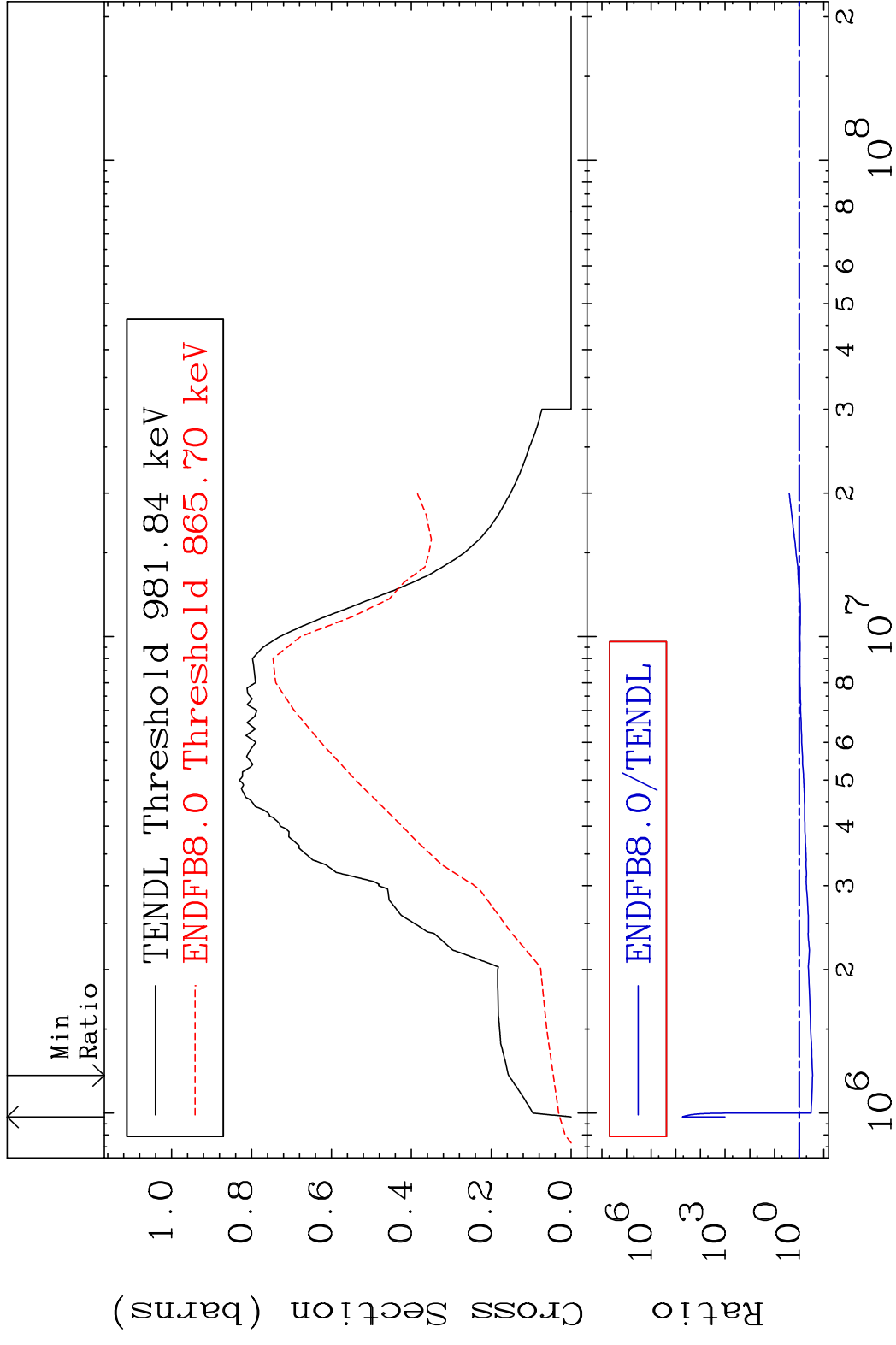
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

Incident Energy (eV)

16-S -33

MAT 1628 Inelastic 16-S -33  
 Cross Section -71.48 To 9999. %



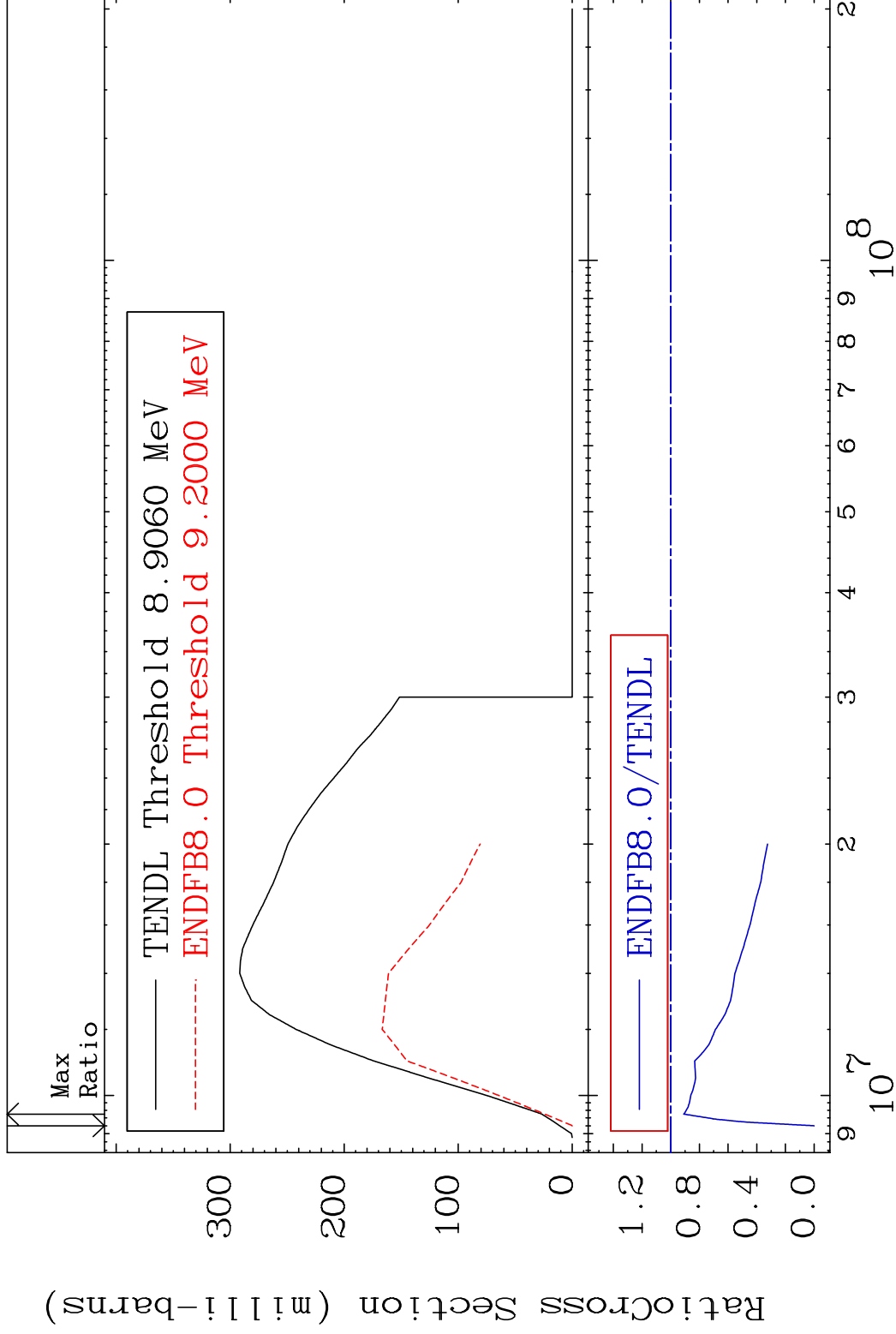
3 Incident Energy (eV) 16-S -33

MAT 1628

(n,2n)

16-S -33

Cross Section -100.0 To -9.027%

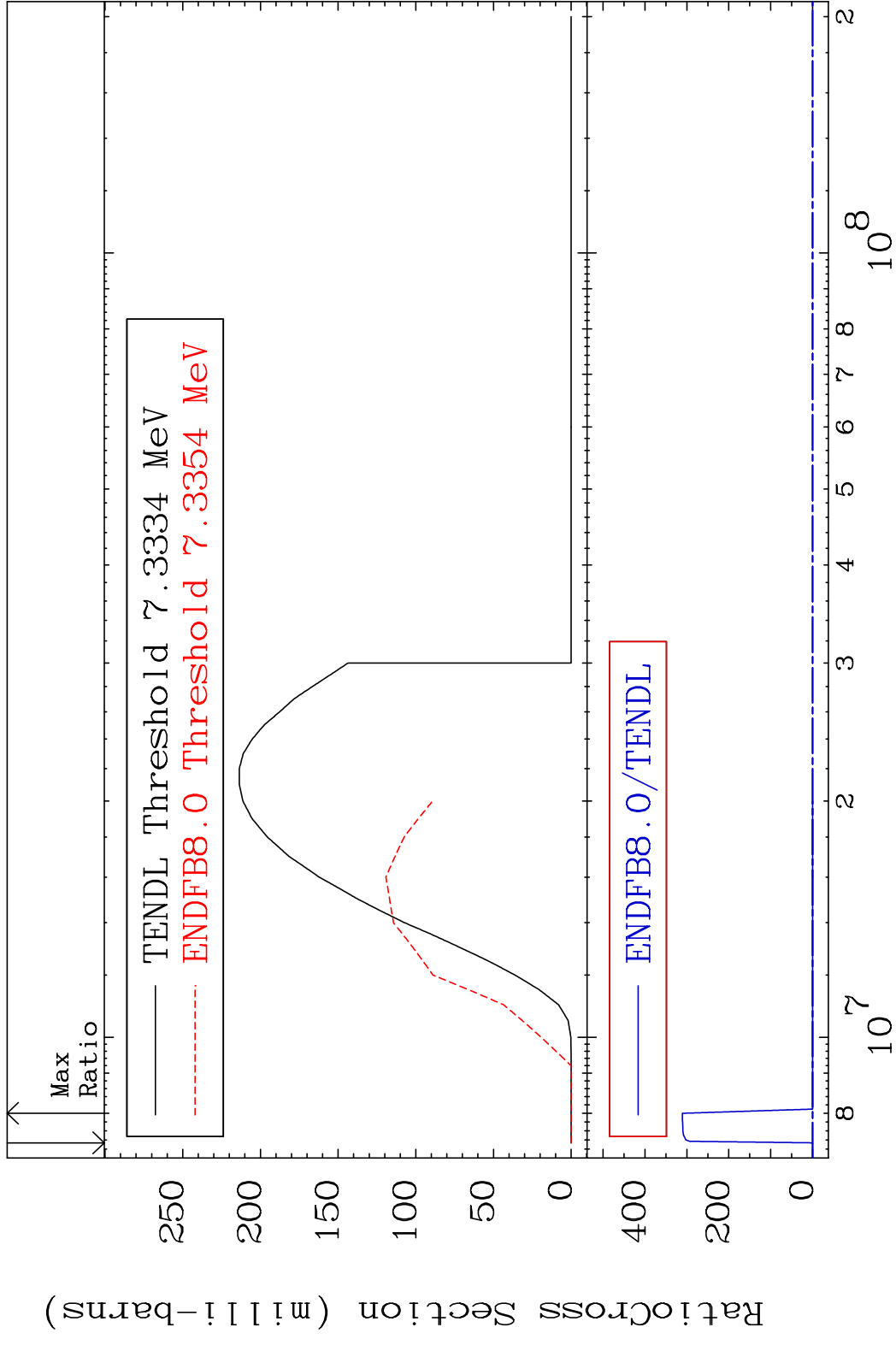


4

Incident Energy (eV)

16-S -33

MAT 1628 (n,n')  $\alpha$  16-S -33  
 Cross Section -100.0 To 9999. %

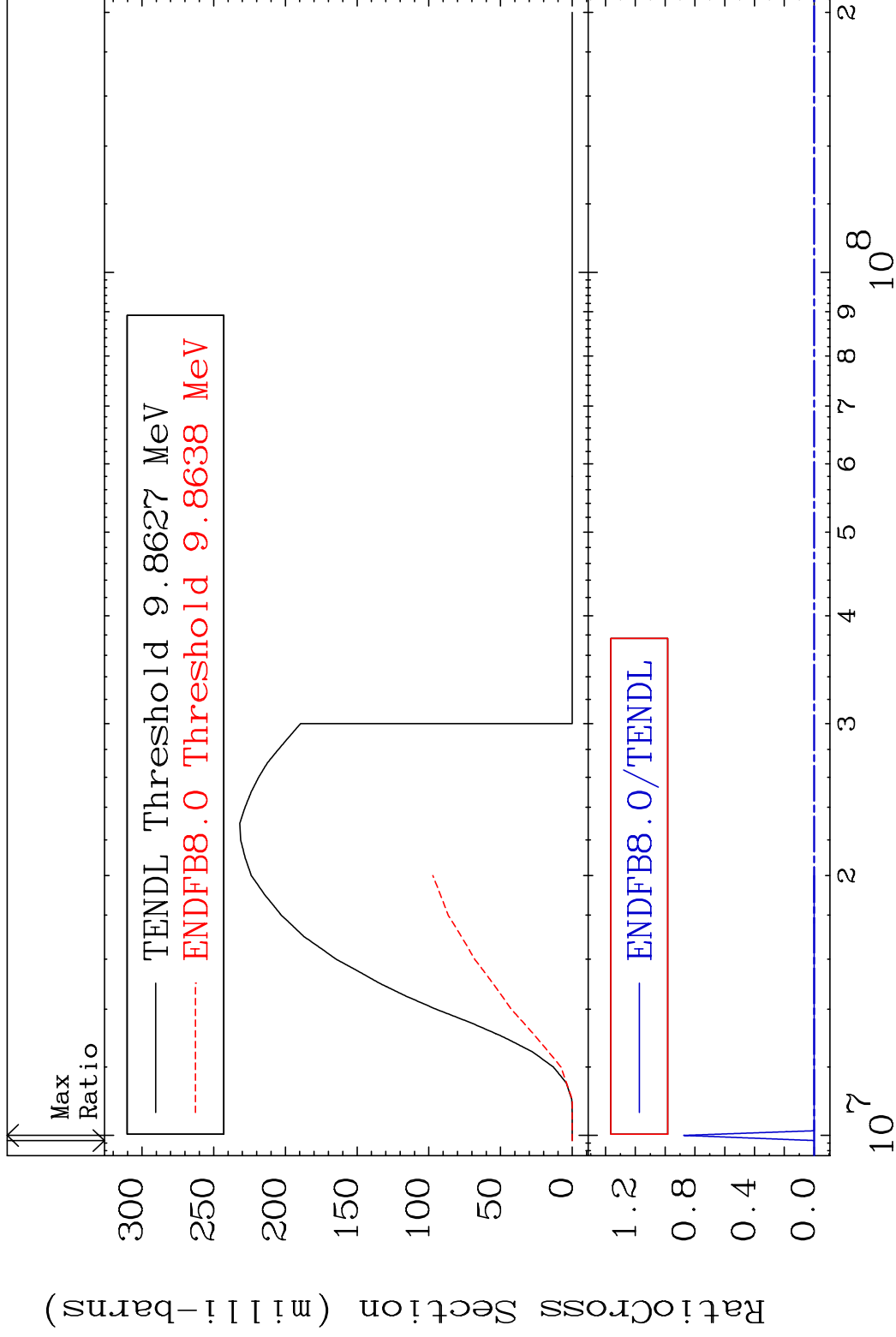


MAT 1628

(n,n') p

16-S -33

Cross Section -100.0 To 9999. %

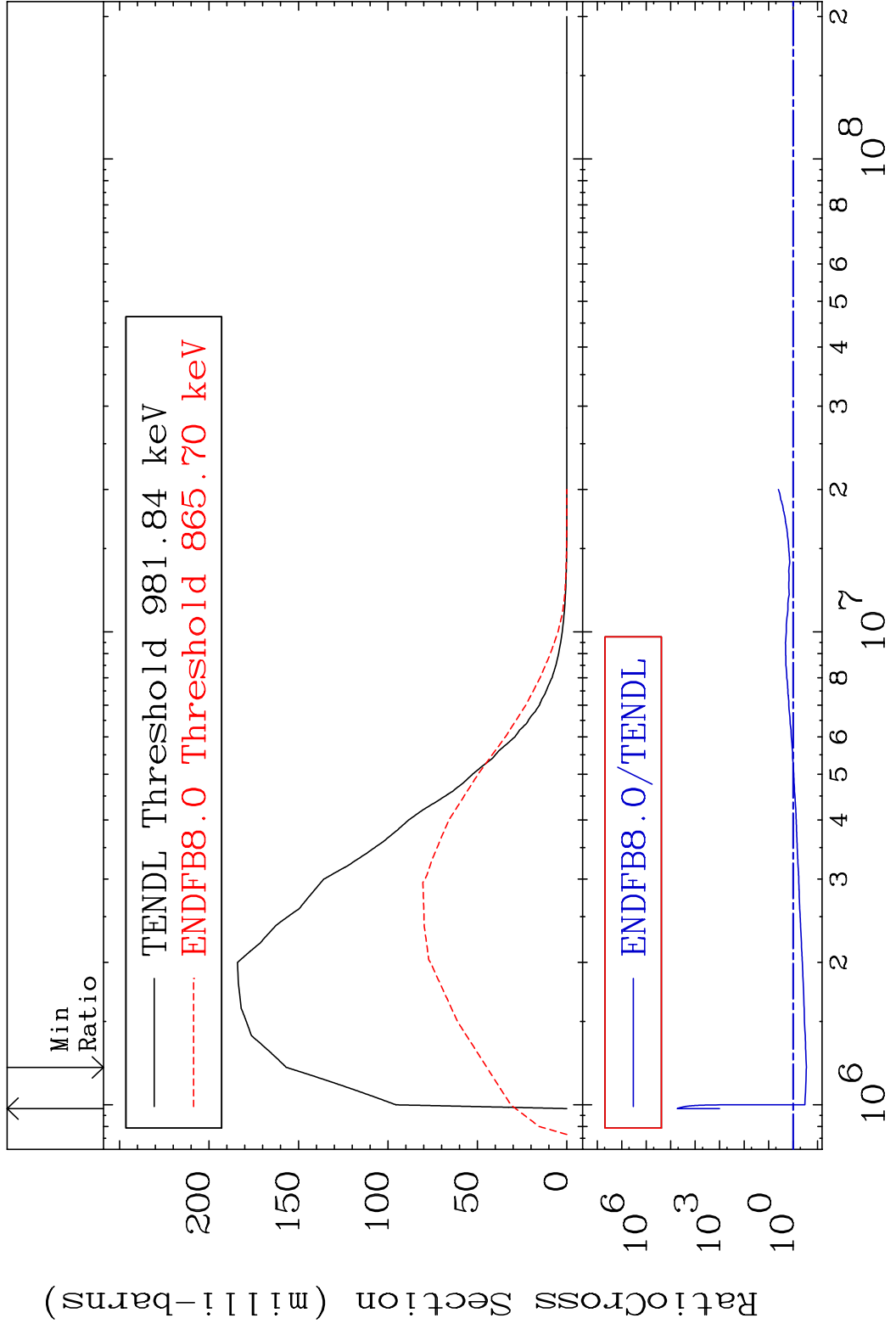


6

Incident Energy (eV)

16-S -33

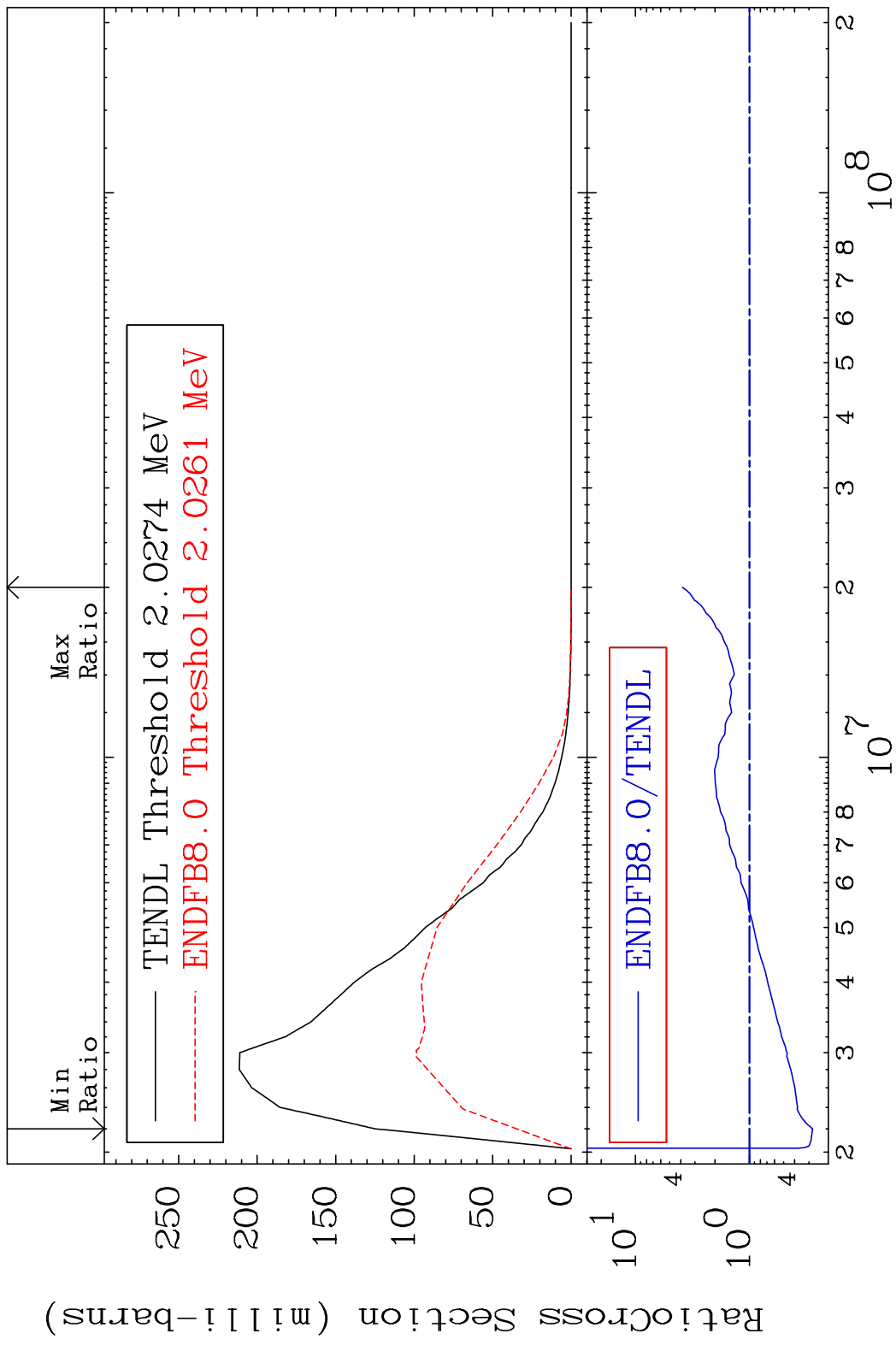
MAT 1628 MT= 51 (n,n') Level 16-S -33  
 Cross Section -71.48 To 9999. %



7 Incident Energy (eV) 16-S -33

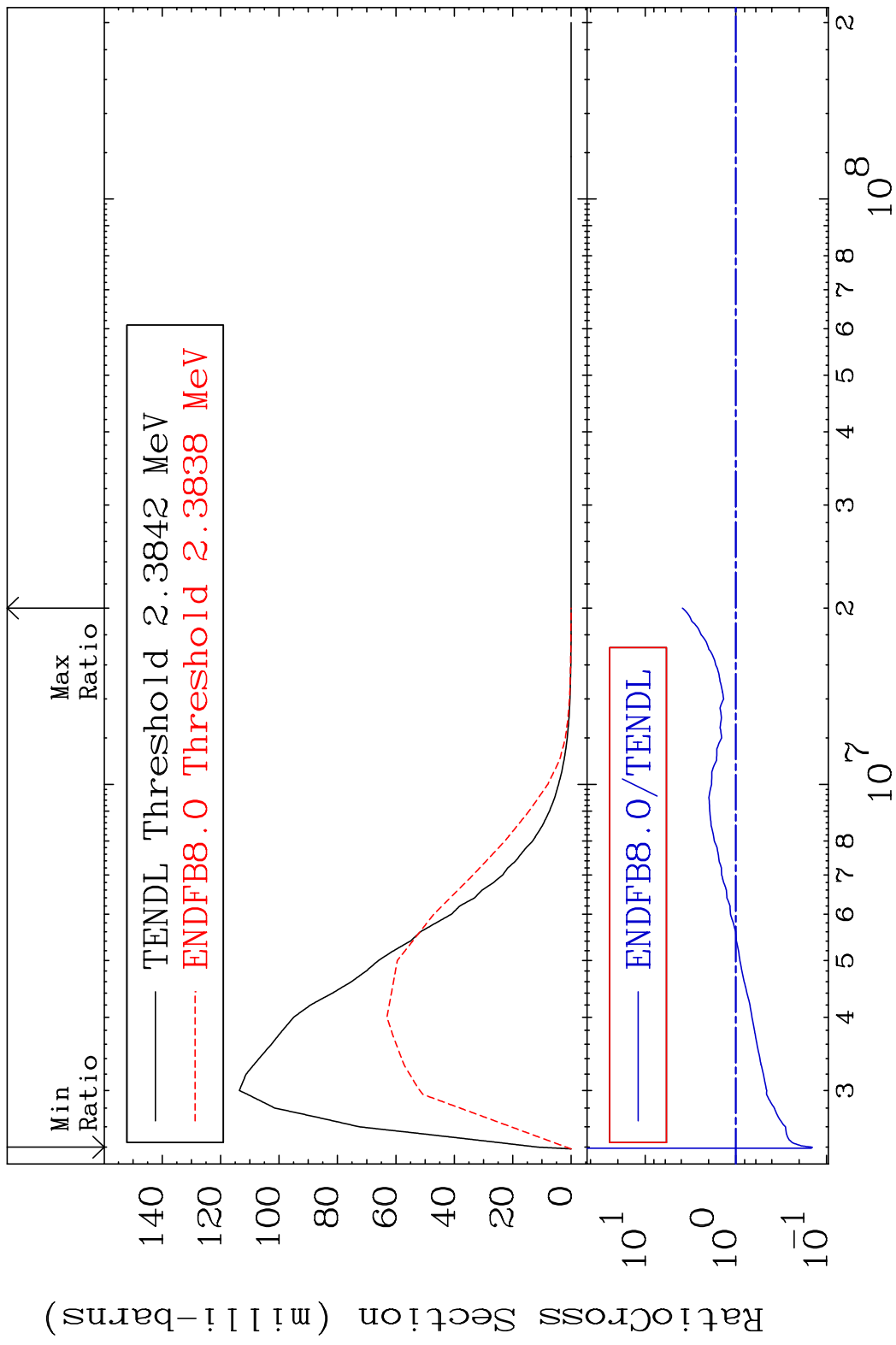


MAT 1628 MT= 52 (n, n') Level 16-S -33  
 Cross Section -72.13 To 287.4 %

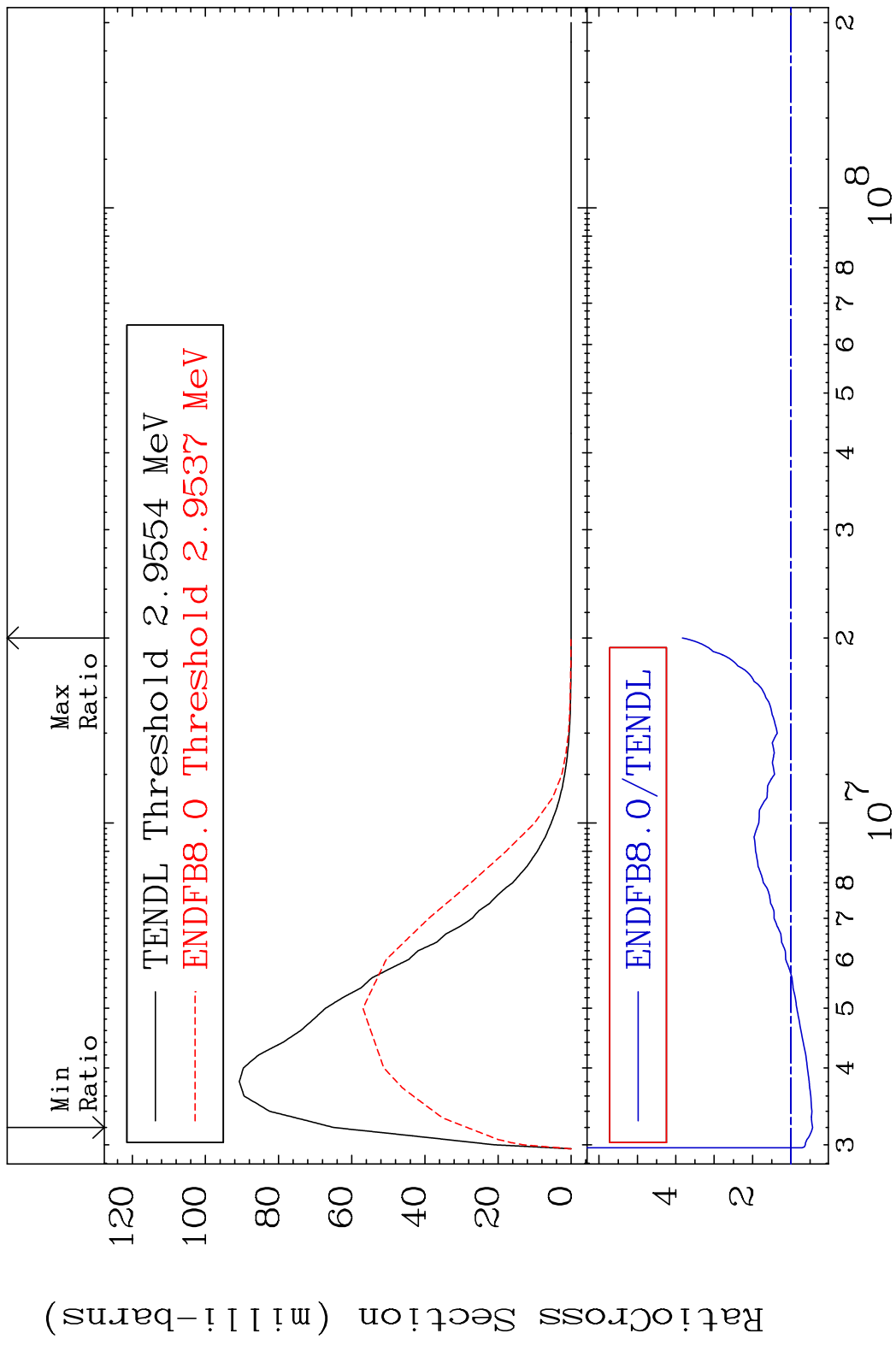


8 Incident Energy (eV) 16-S -33

MAT 1628 MT= 53 (n, n') Level 16-S -33  
 Cross Section -85.76 To 288.6 %

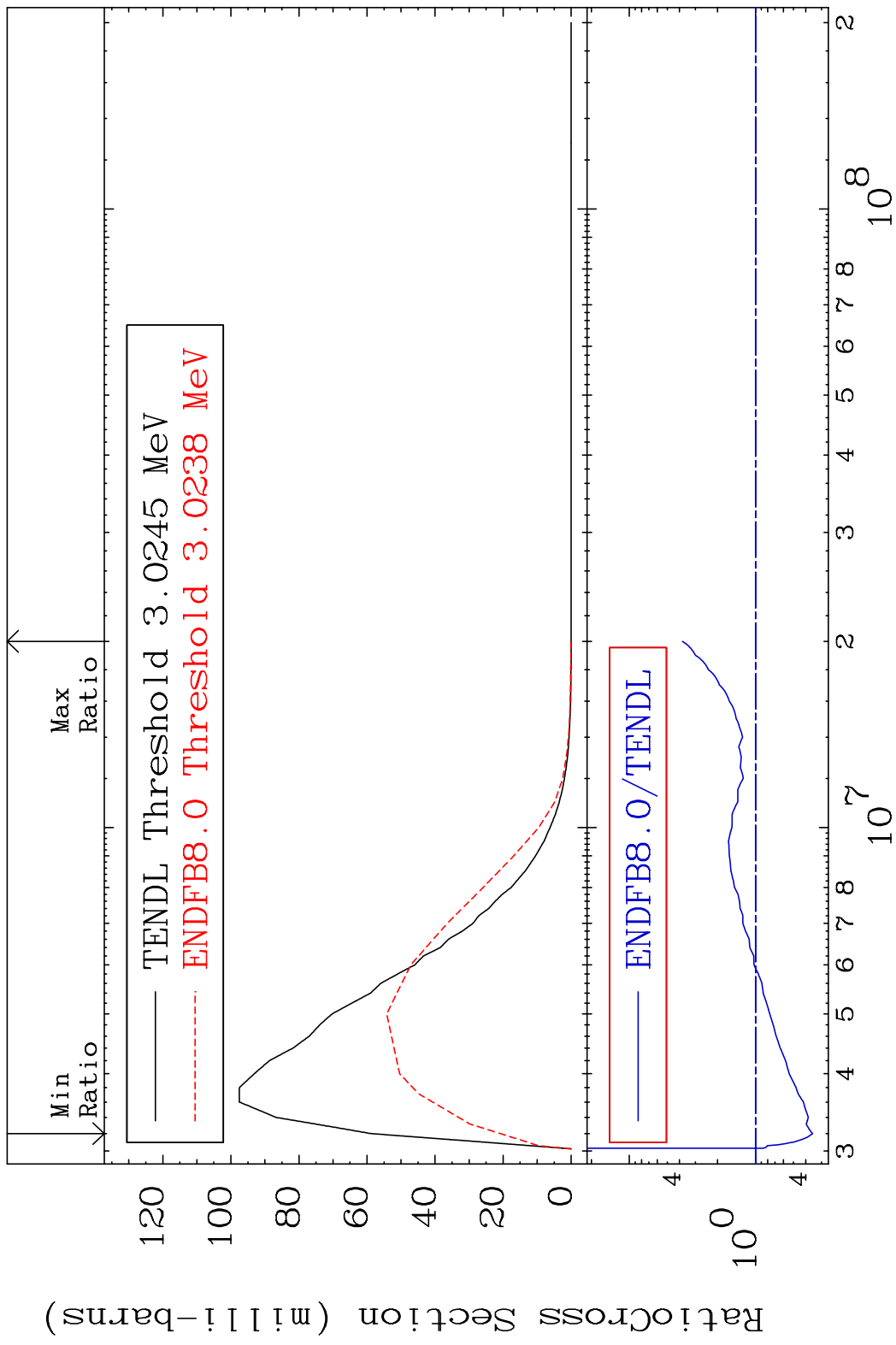


MAT 1628 MT= 54 (n, n') Level 16-S -33  
 Cross Section -56.26 To 282.9 %

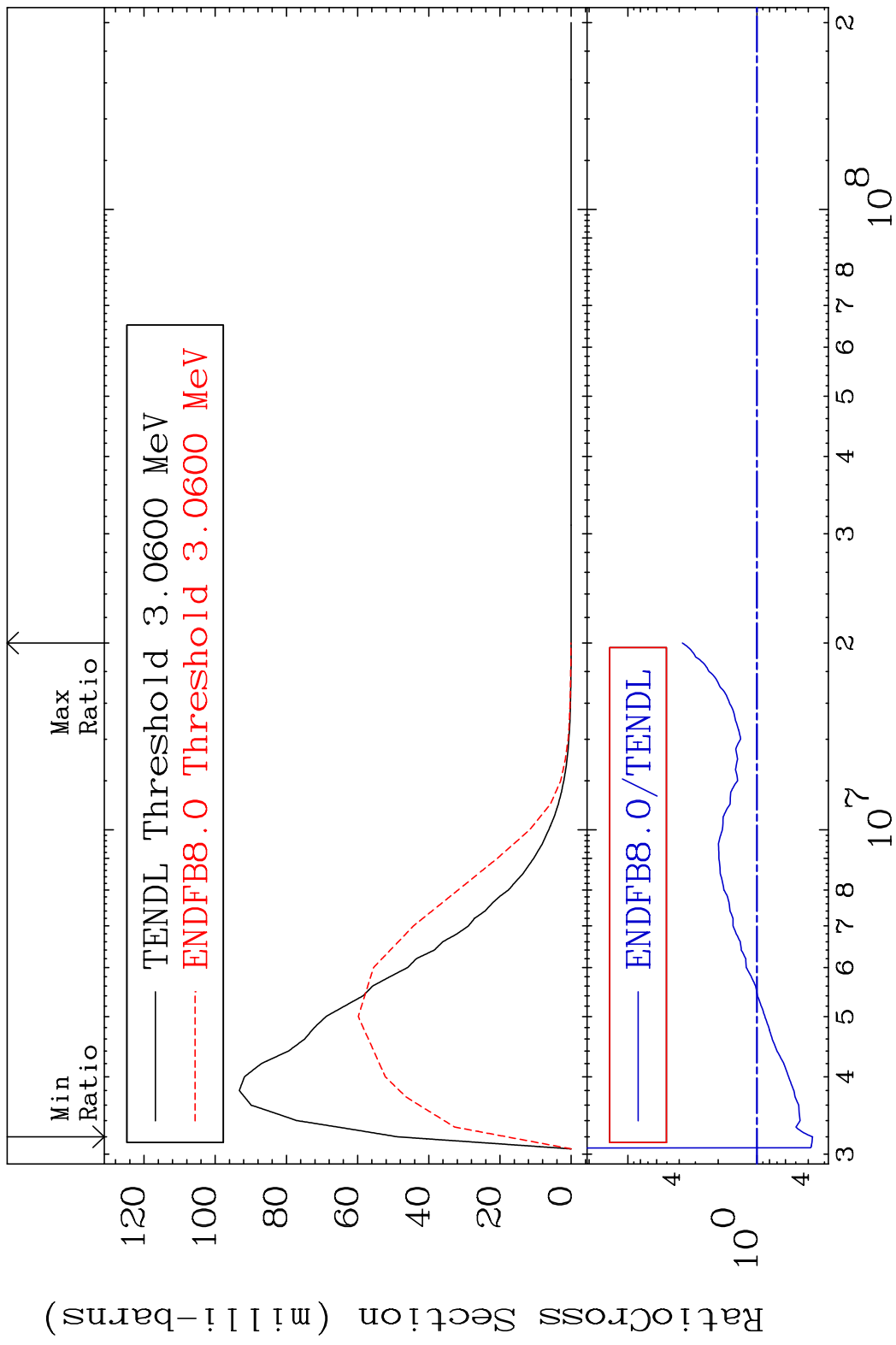


10 16-S -33

MAT 1628 MT= 55 (n,n') Level 16-S -33  
 Cross Section -64.68 To 279.9 %

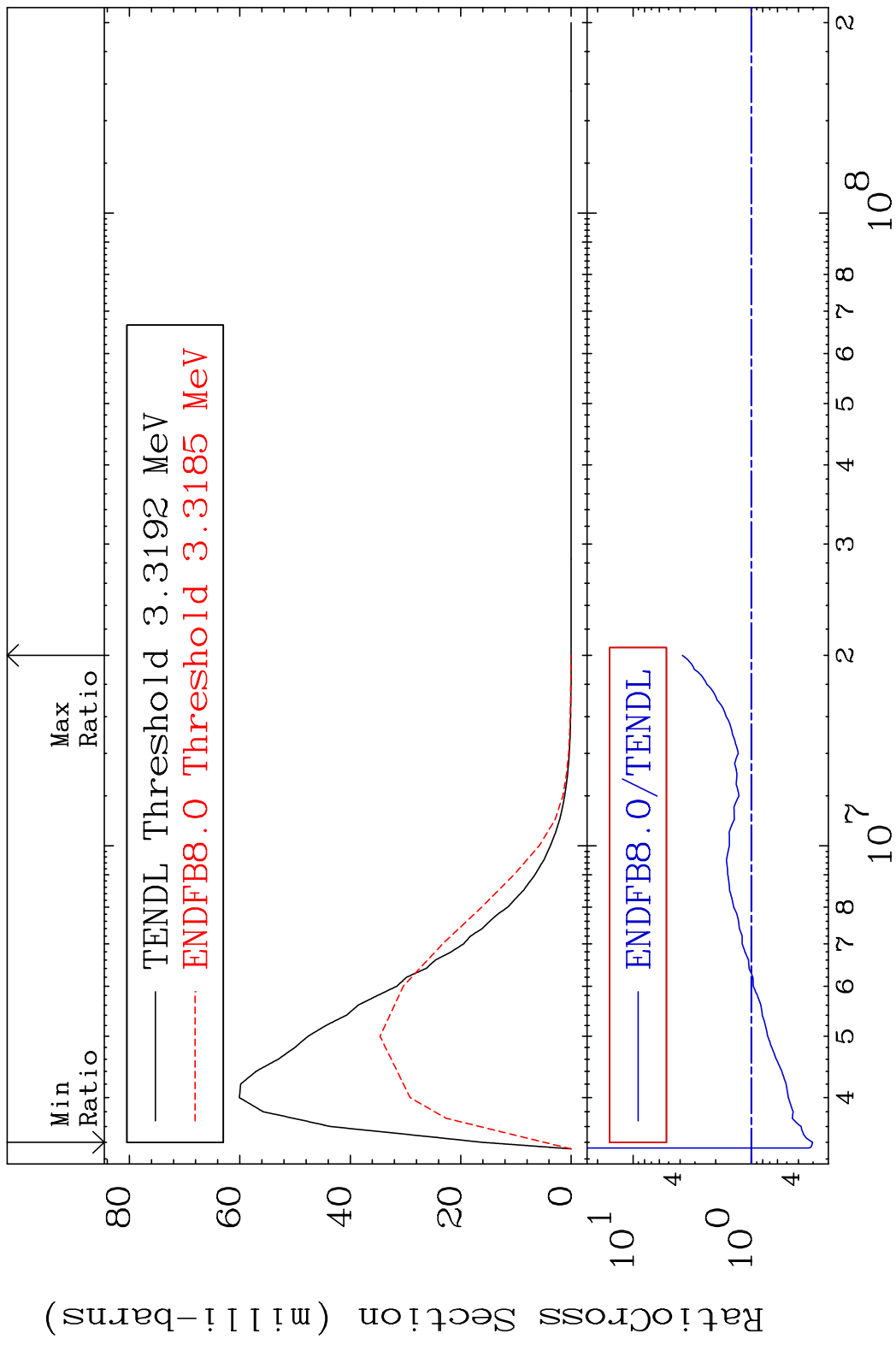


MAT 1628 MT= 56 (n,n') Level 16-S -33  
 Cross Section -62.94 To 278.7 %



12 Incident Energy (eV) 16-S -33

MAT 1628 MT= 57 (n,n') Level 16-S -33  
 Cross Section -69.66 To 283.0 %

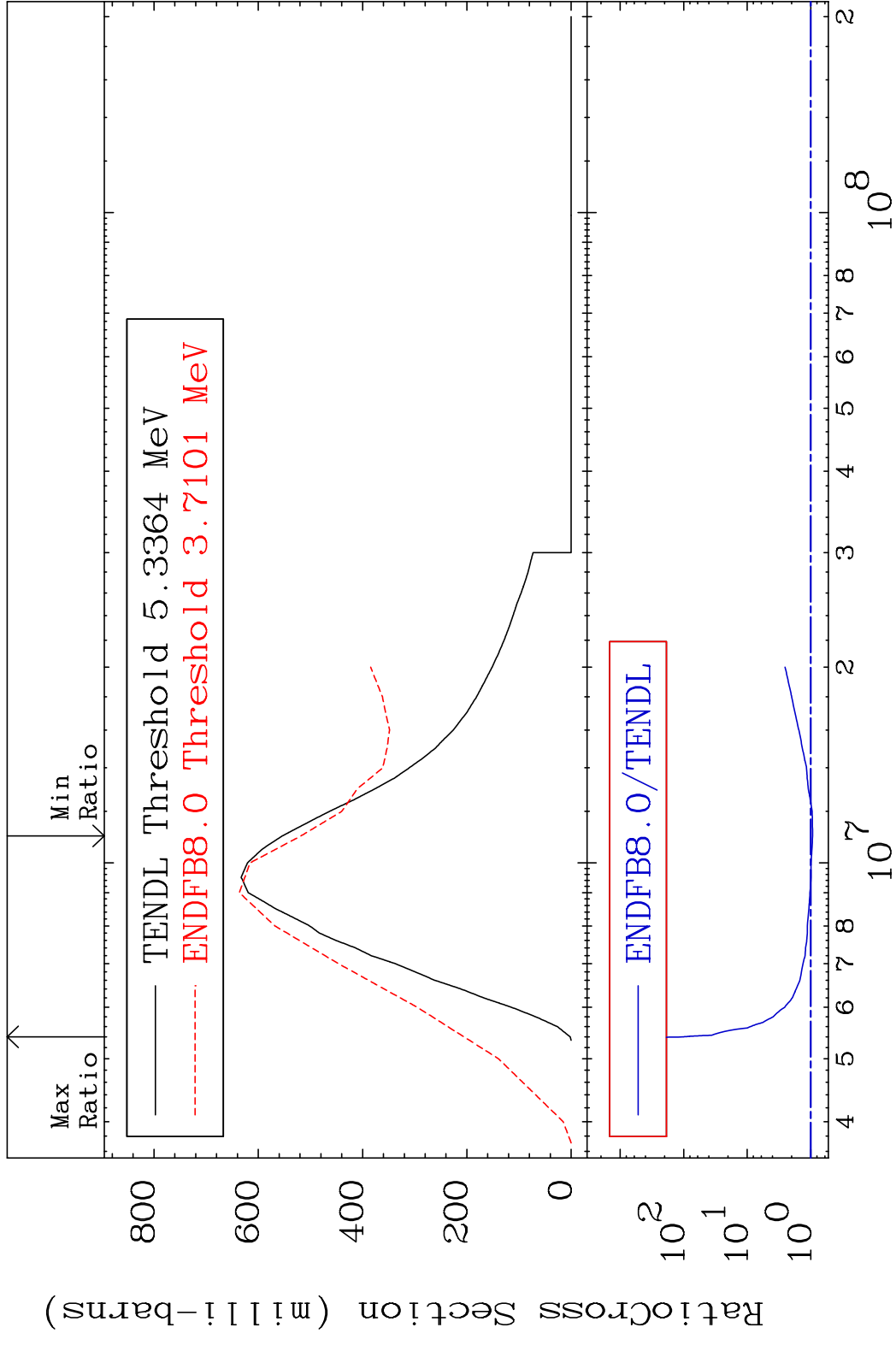


MAT 1628

(n,n') Continuum

16-S -33

Cross Section -6.440 To 9999. %



14

Incident Energy (eV)

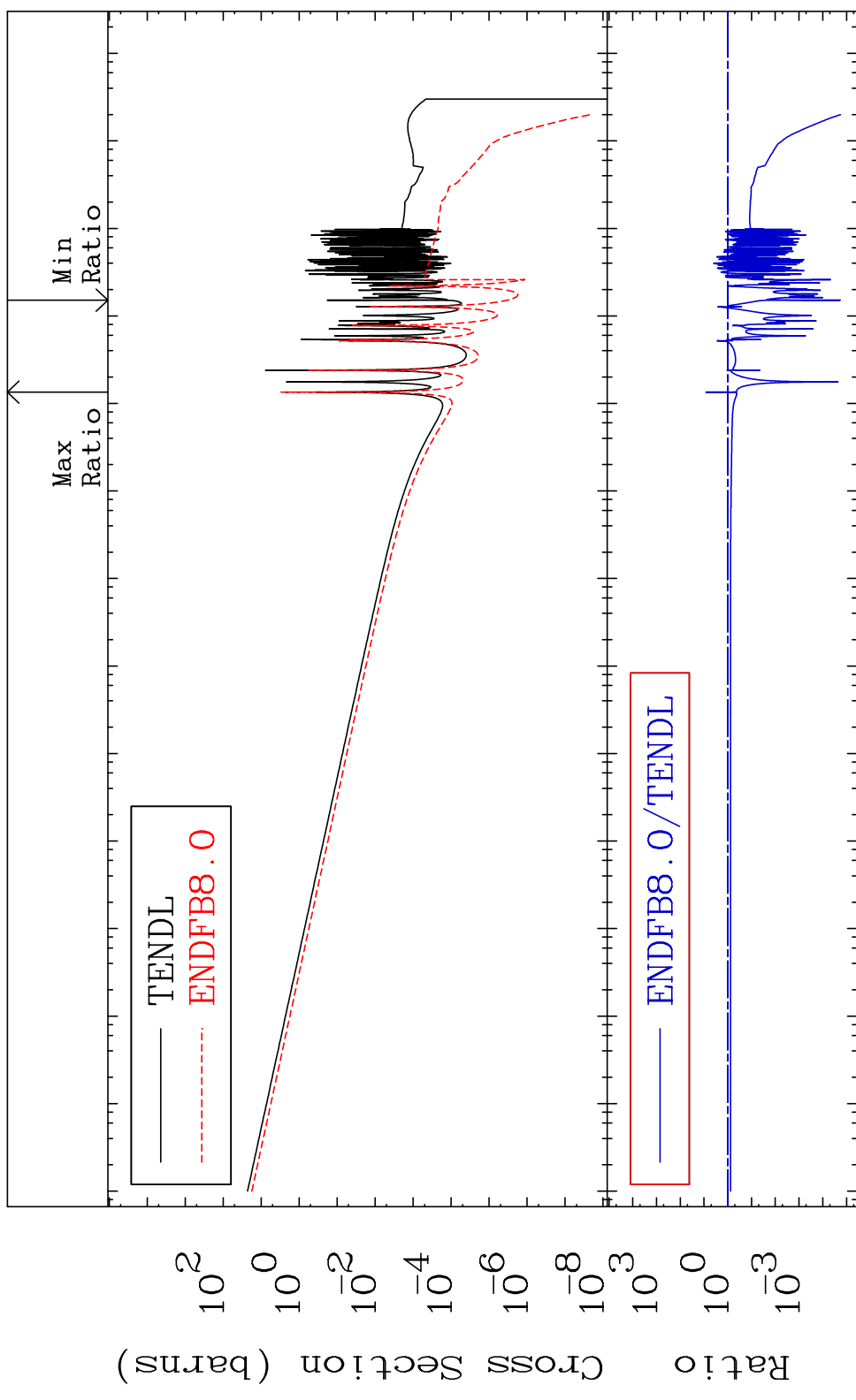
16-S -33

MAT 1628

(n,  $\gamma$ )

16-S -33

Cross Section -100.0 To 742.4 %



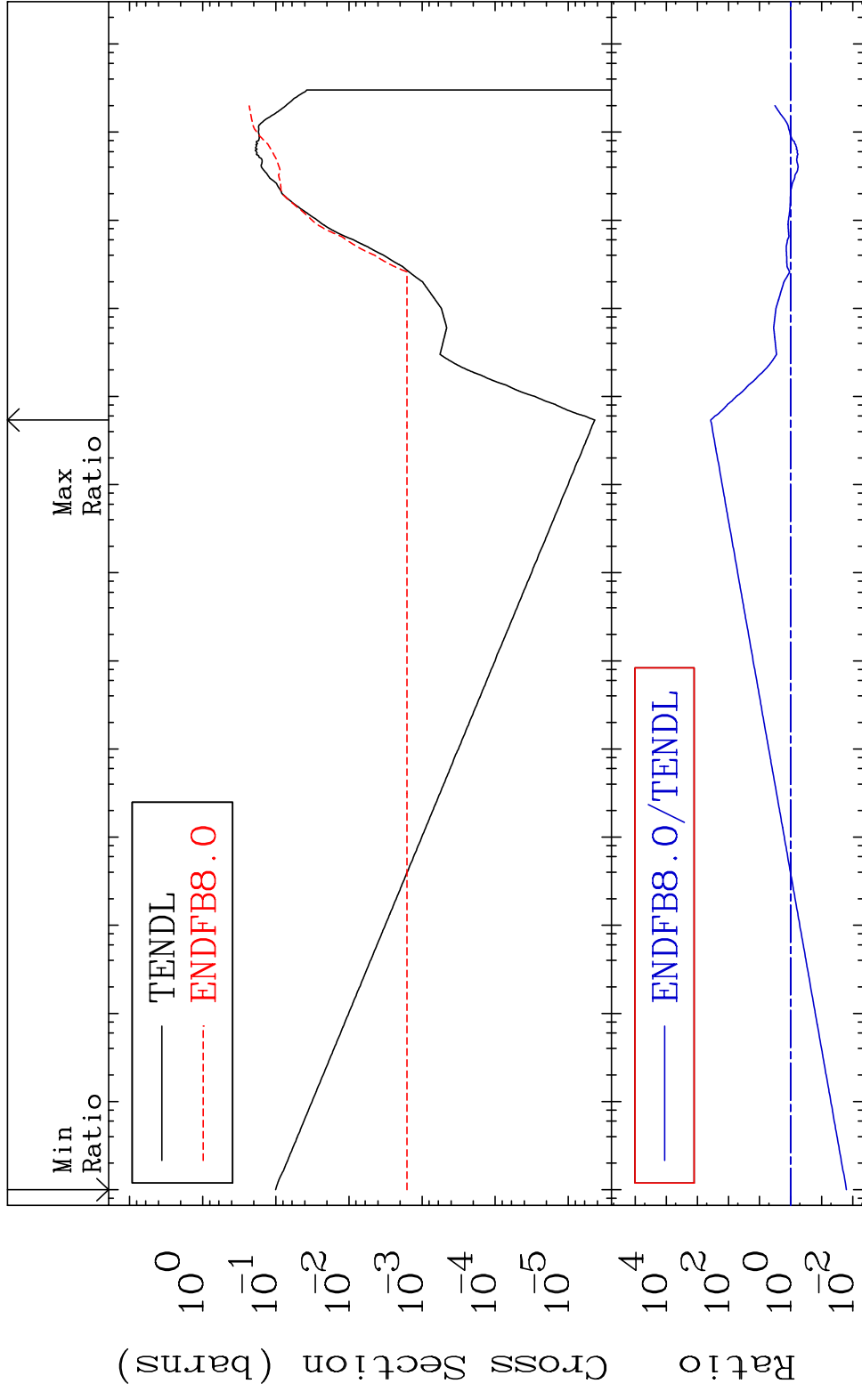
15

Incident Energy (eV)

16-S -33

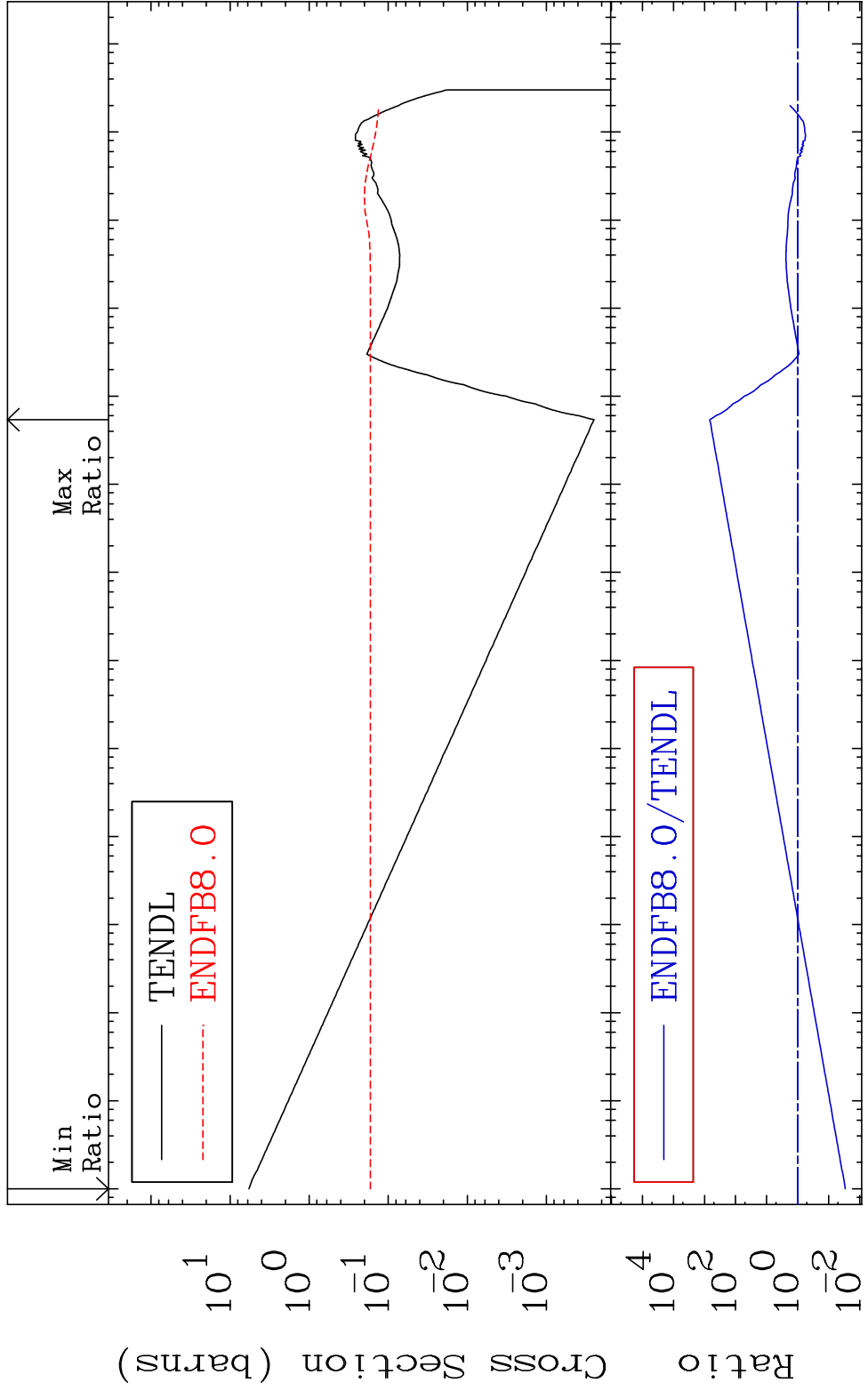


MAT 1628 (n,p) 16-S -33  
 Cross Section -98.40 To 9999. %

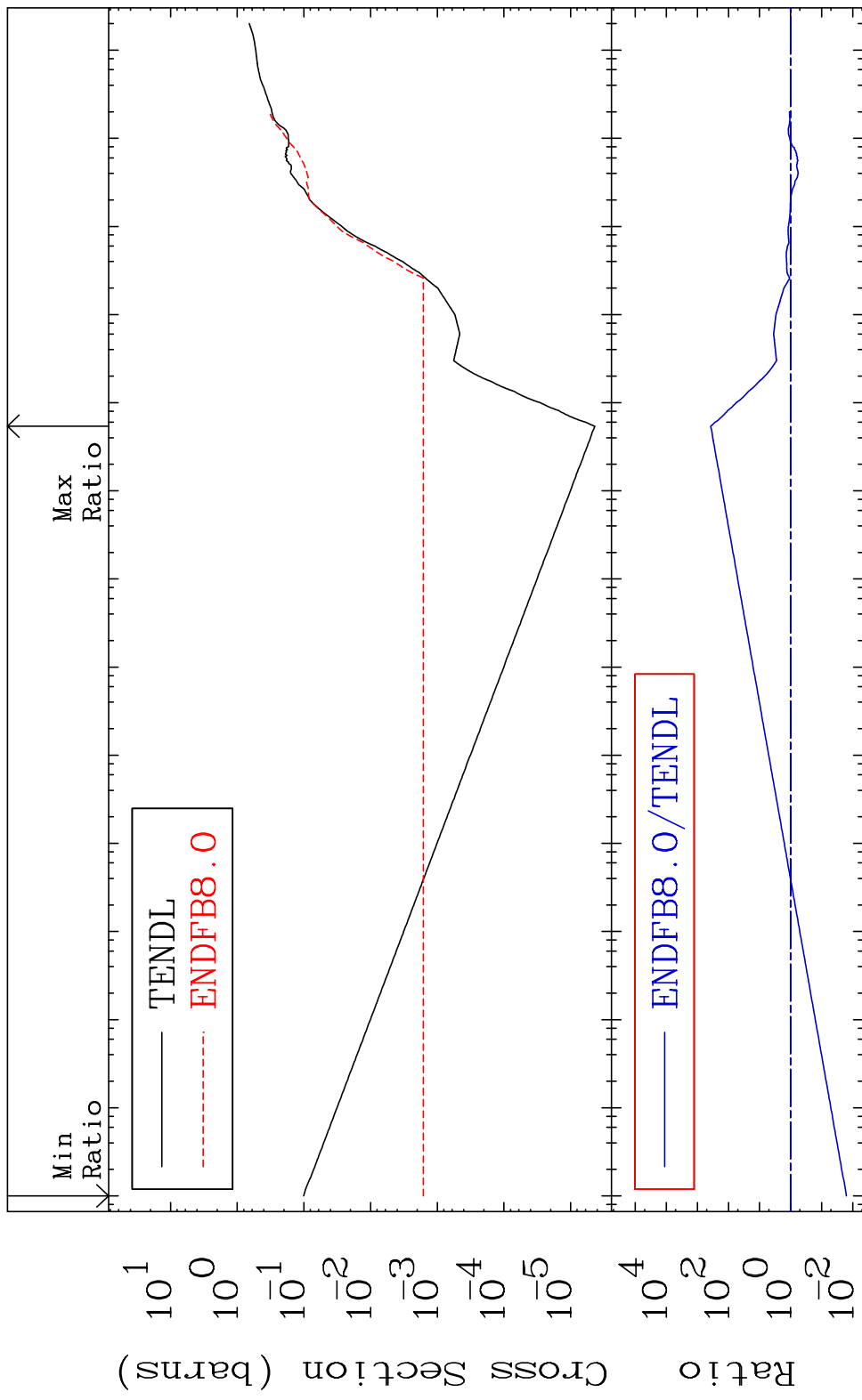


16 Incident Energy (eV) 16-S -33

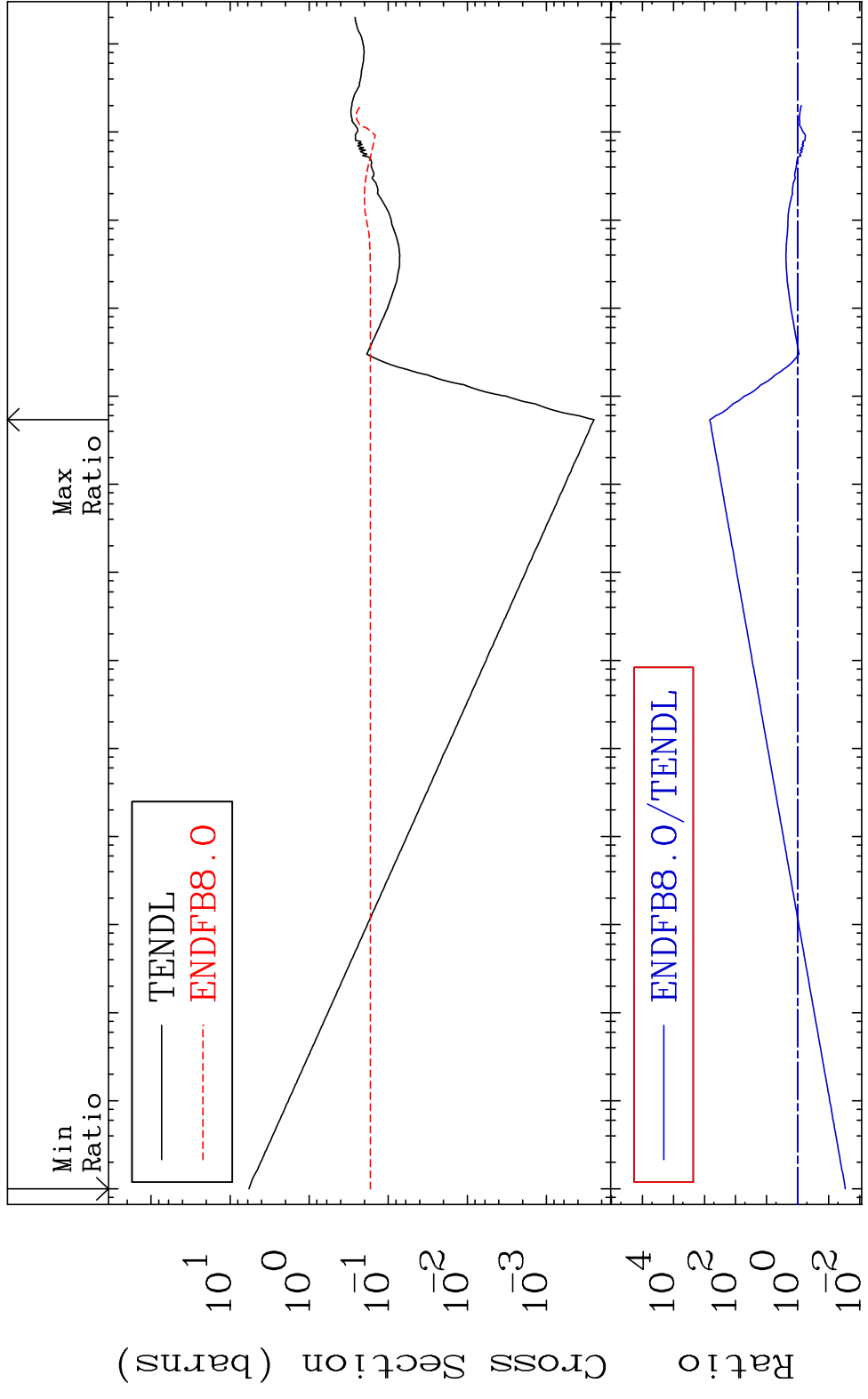
MAT 1628 (n,  $\alpha$ ) Cross Section -97.08 To 9999. % 16-S -33



MAT 1628 Hydrogen Production Cross Section -98.40 To 9999. % 16-S -33

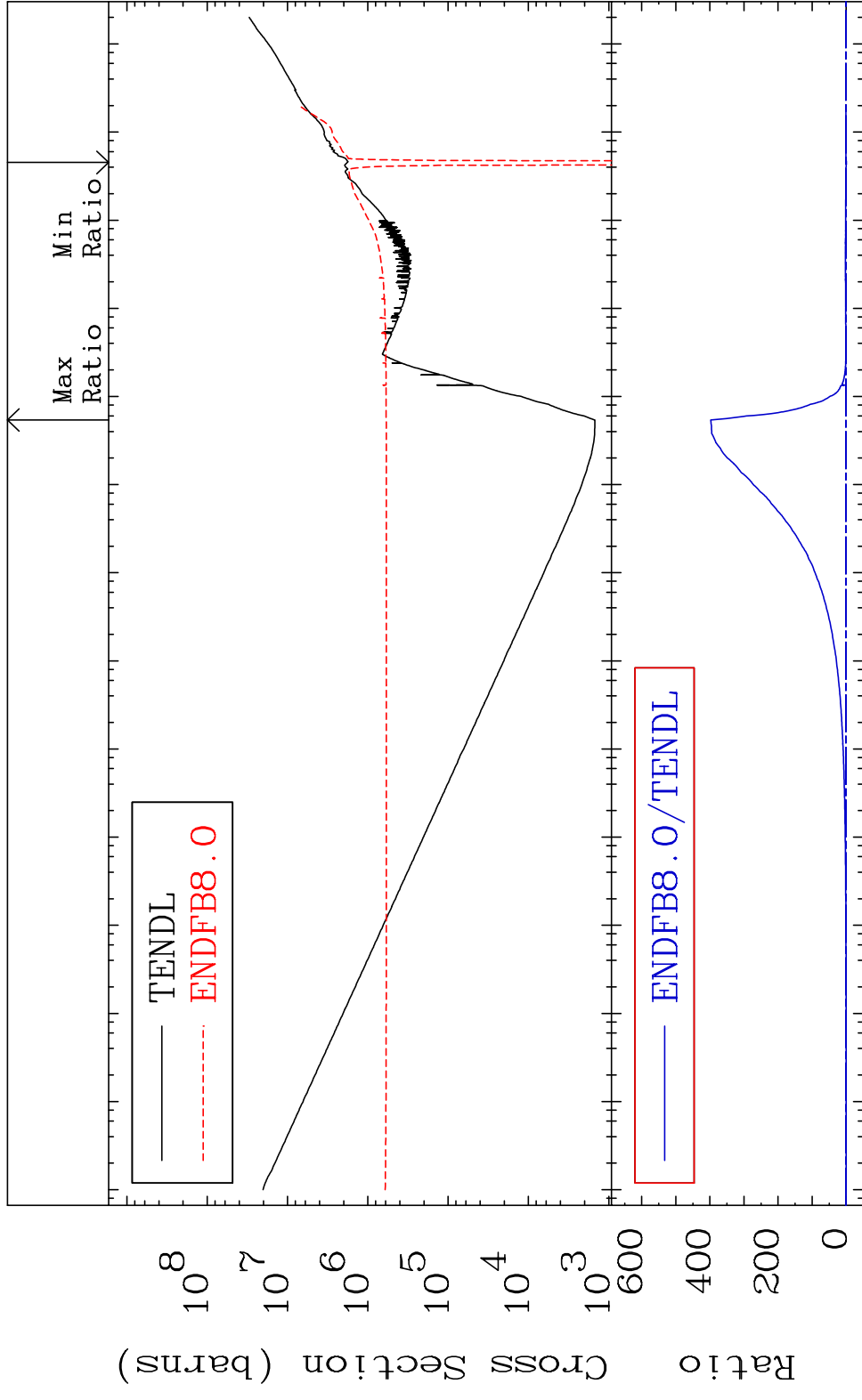


MAT 1628 He-4 Production 16-S -33  
 Cross Section -97.08 To 9999. %



19 Incident Energy (eV) 16-S -33

MAT 1628 Kerma total (eV-barns) 16-S -33  
 Cross Section -125.3 To 9999. %

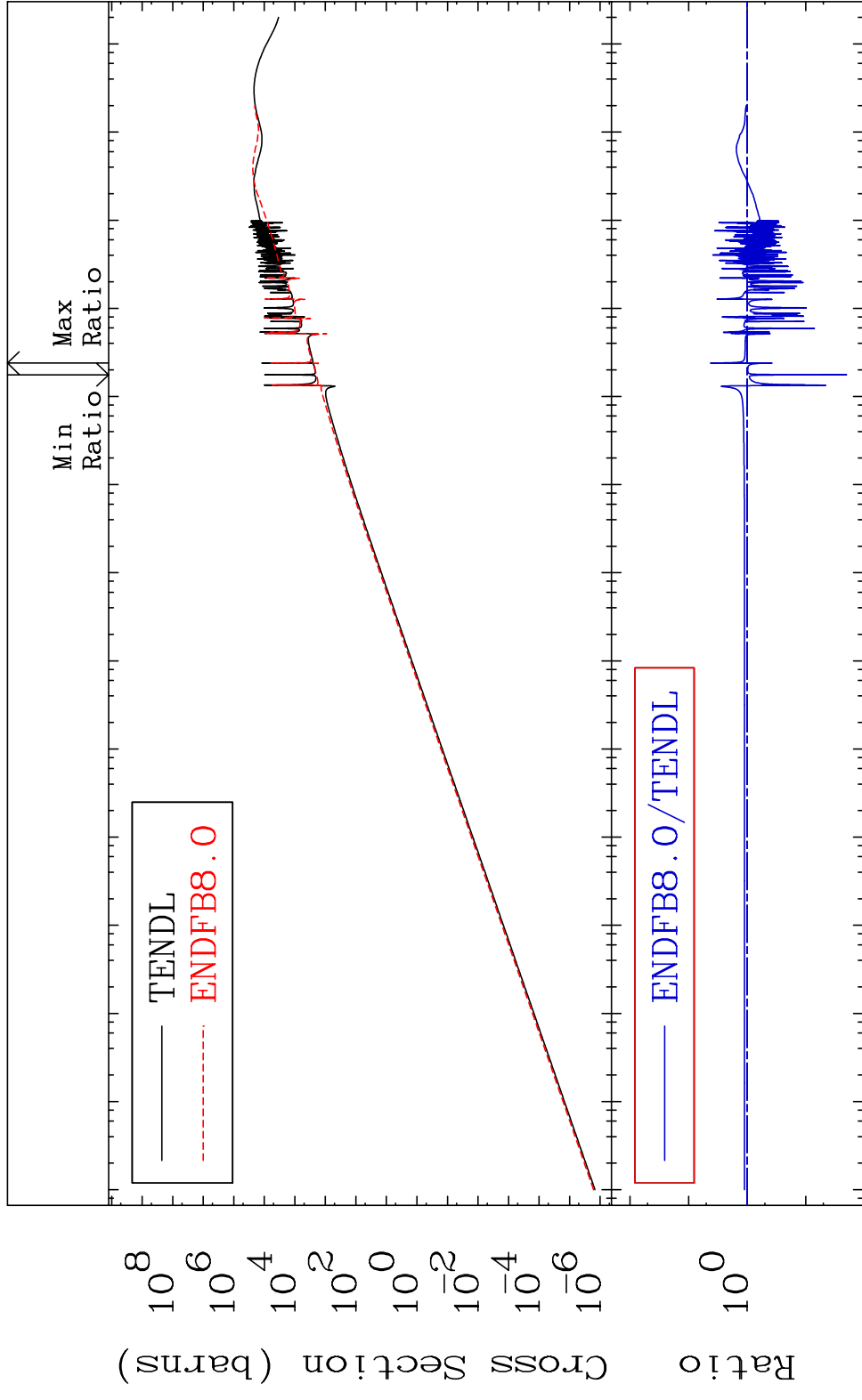


20 Incident Energy (eV) 16-S -33

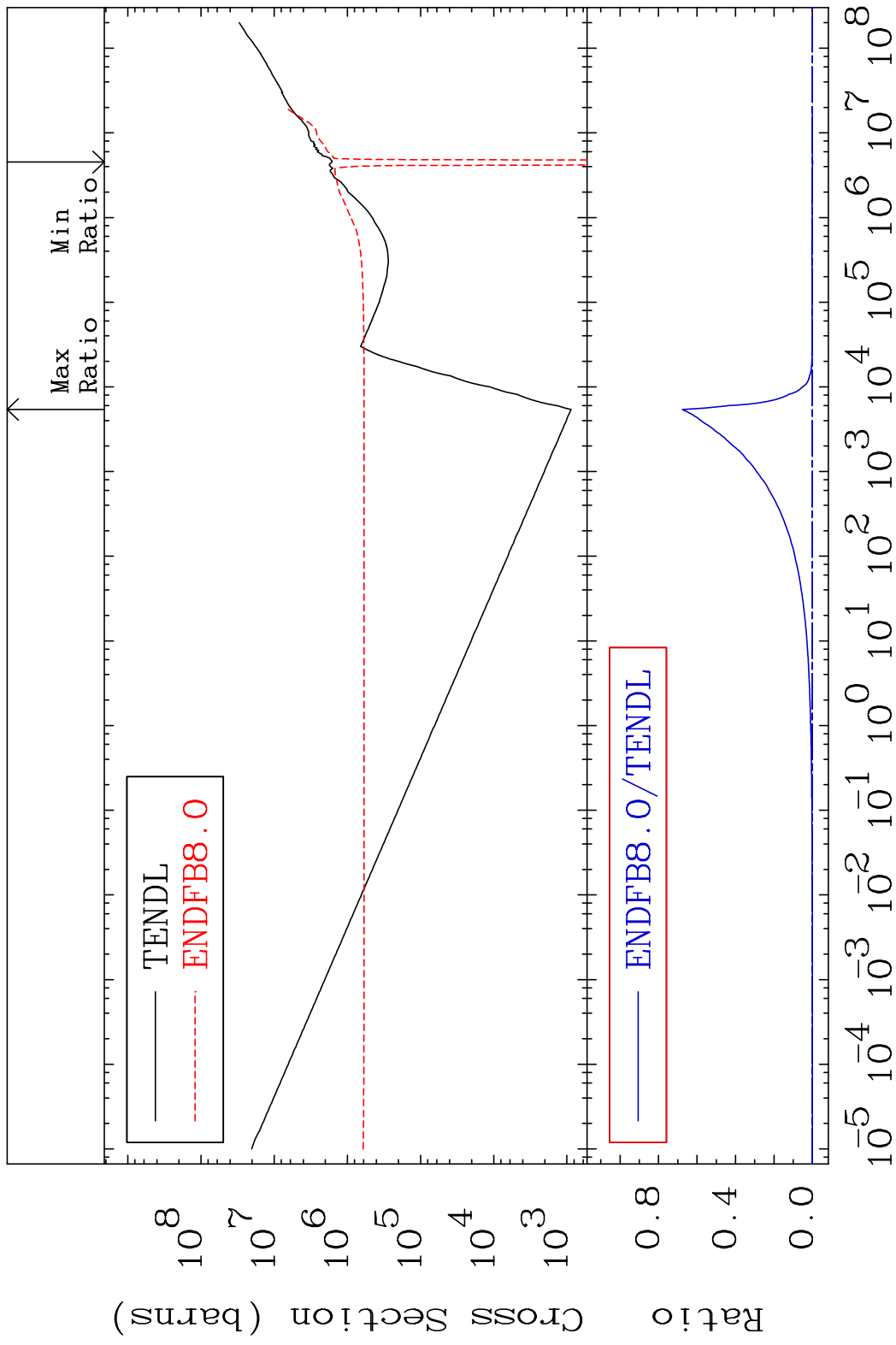
MAT 1628

Kerma elastic  
Cross Section

16-S -33  
-97.97 To 319.7 %

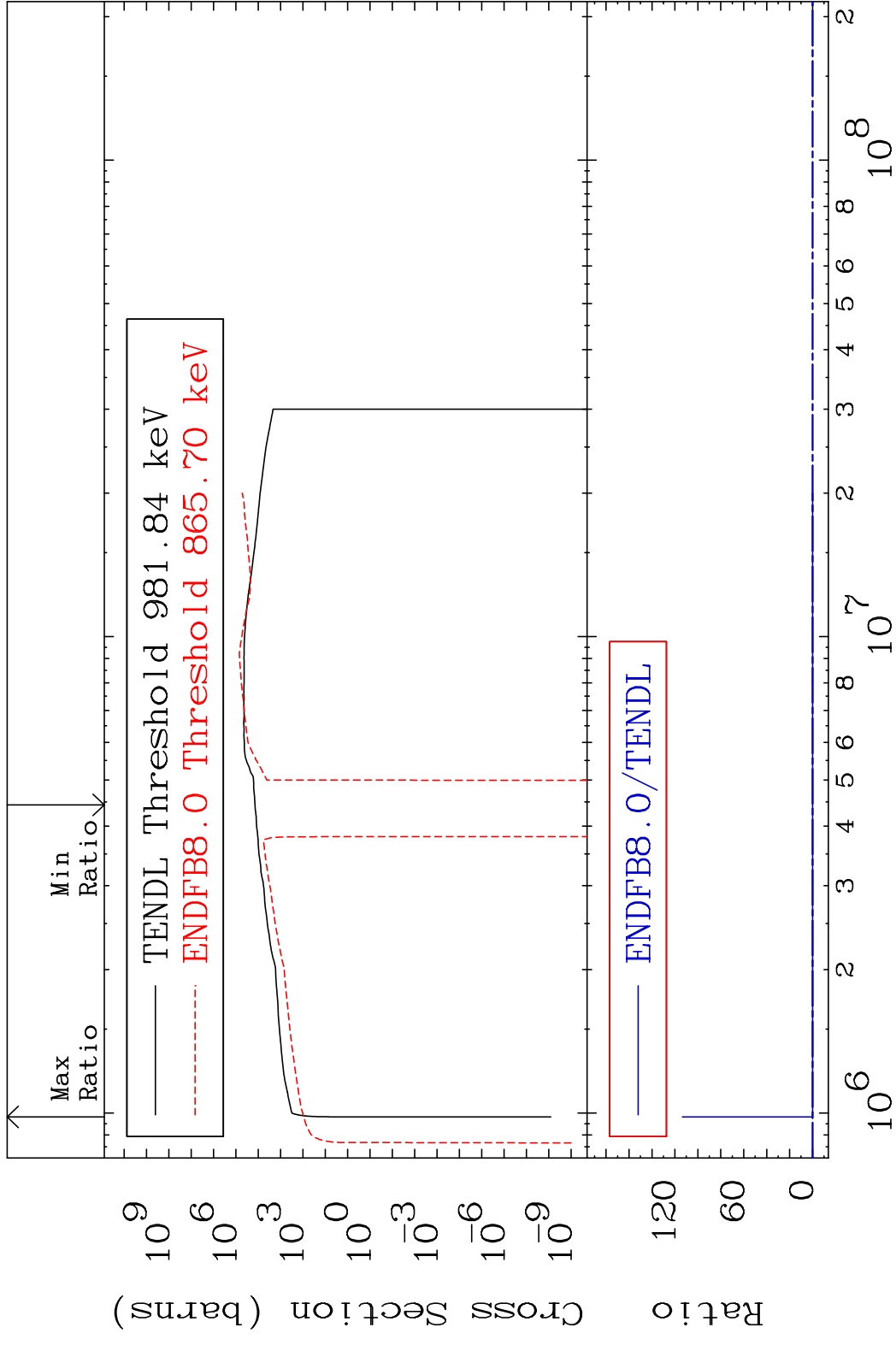


MAT 1628 Kerma non-elastic (all but mt2) 16-S -33  
 Cross Section -142.1 To 9999. %



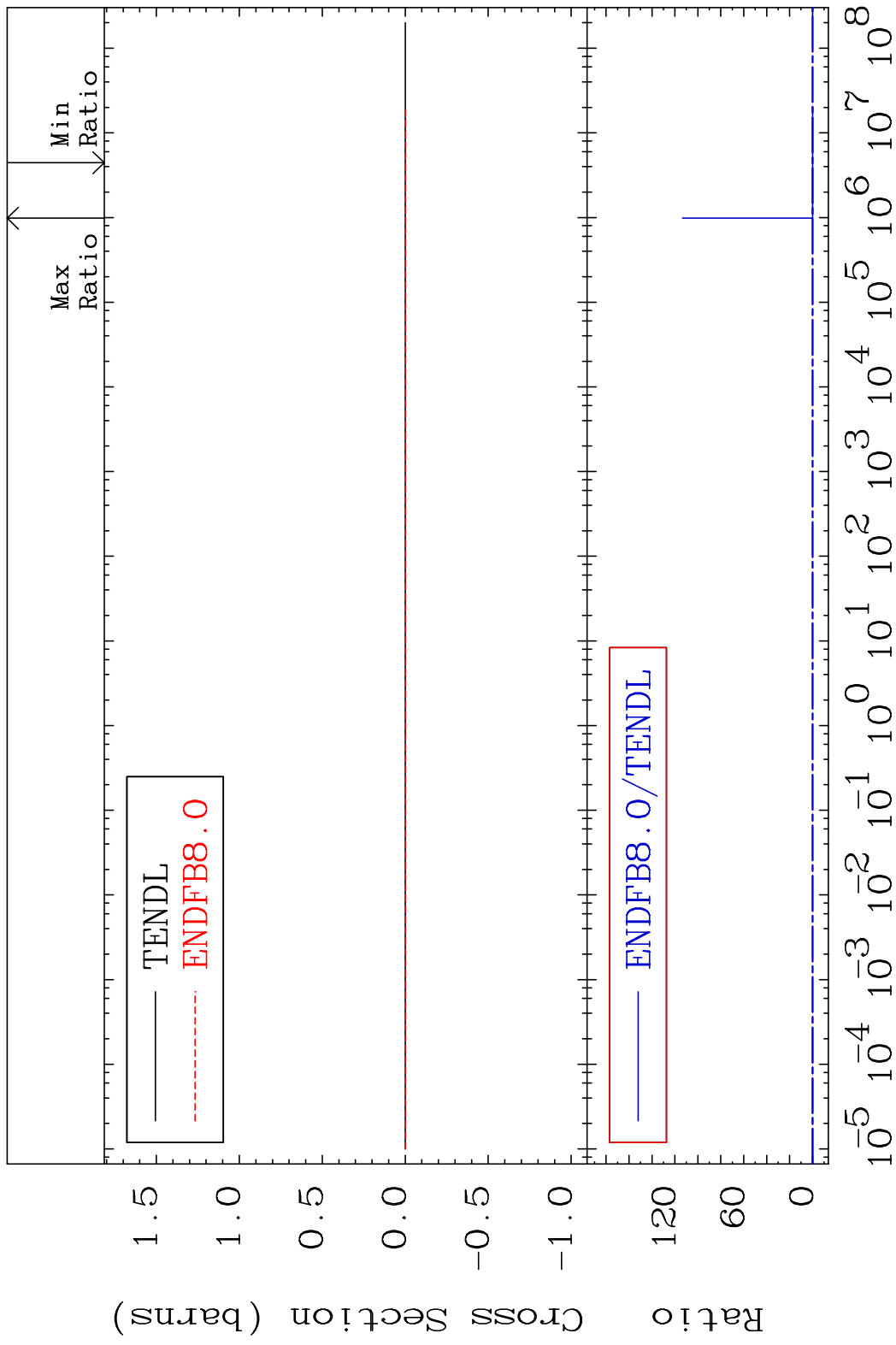
22 Incident Energy (eV) 16-S -33

MAT 1628 Kerma inelastic (mt51-91) 16-S -33  
 Cross Section -1635. To 9999. %

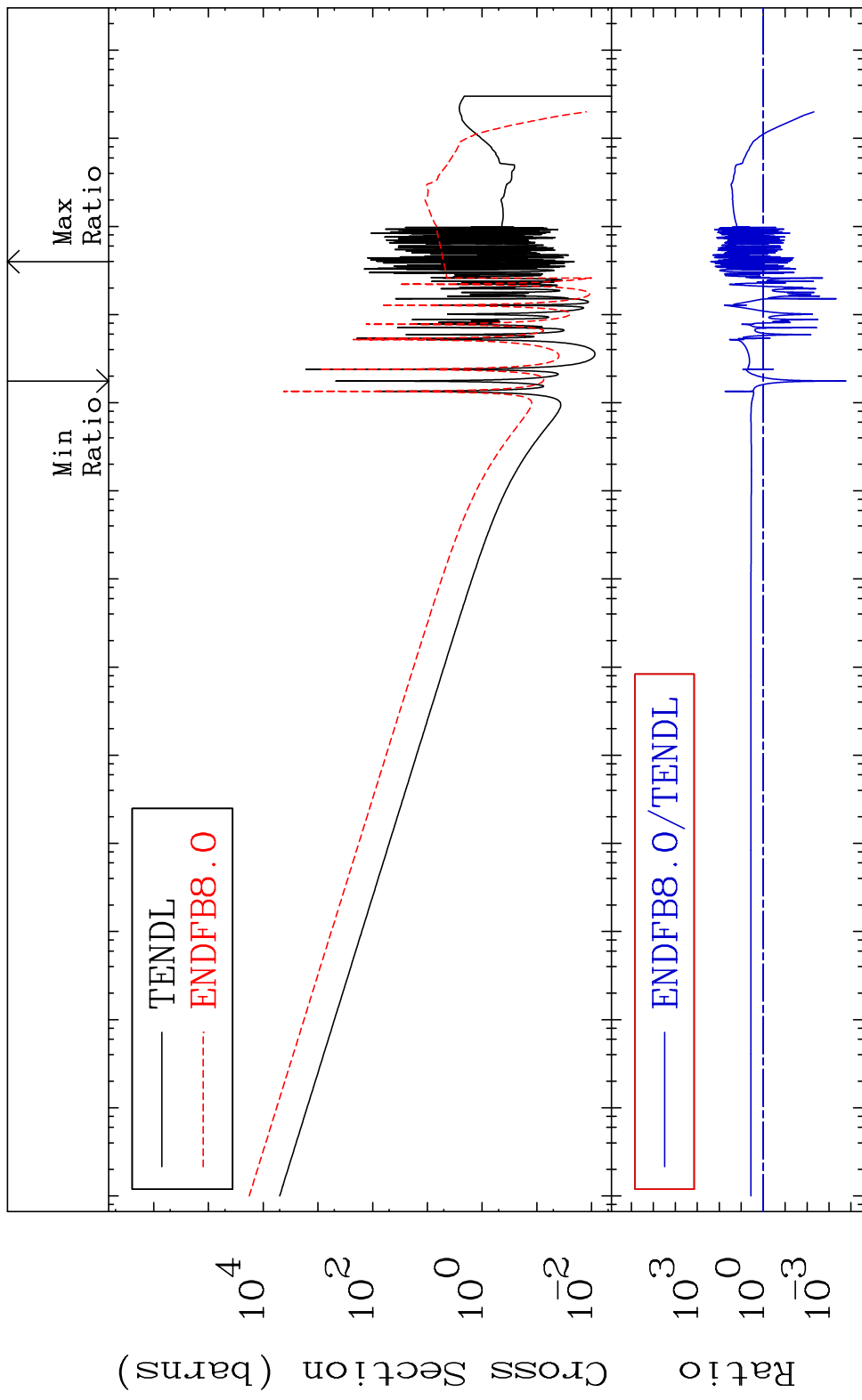




MAT 1628 Kerma fission (mt18 or mt19-20-21-38) 16-S -33  
 Cross Section -1635. To 9999. %



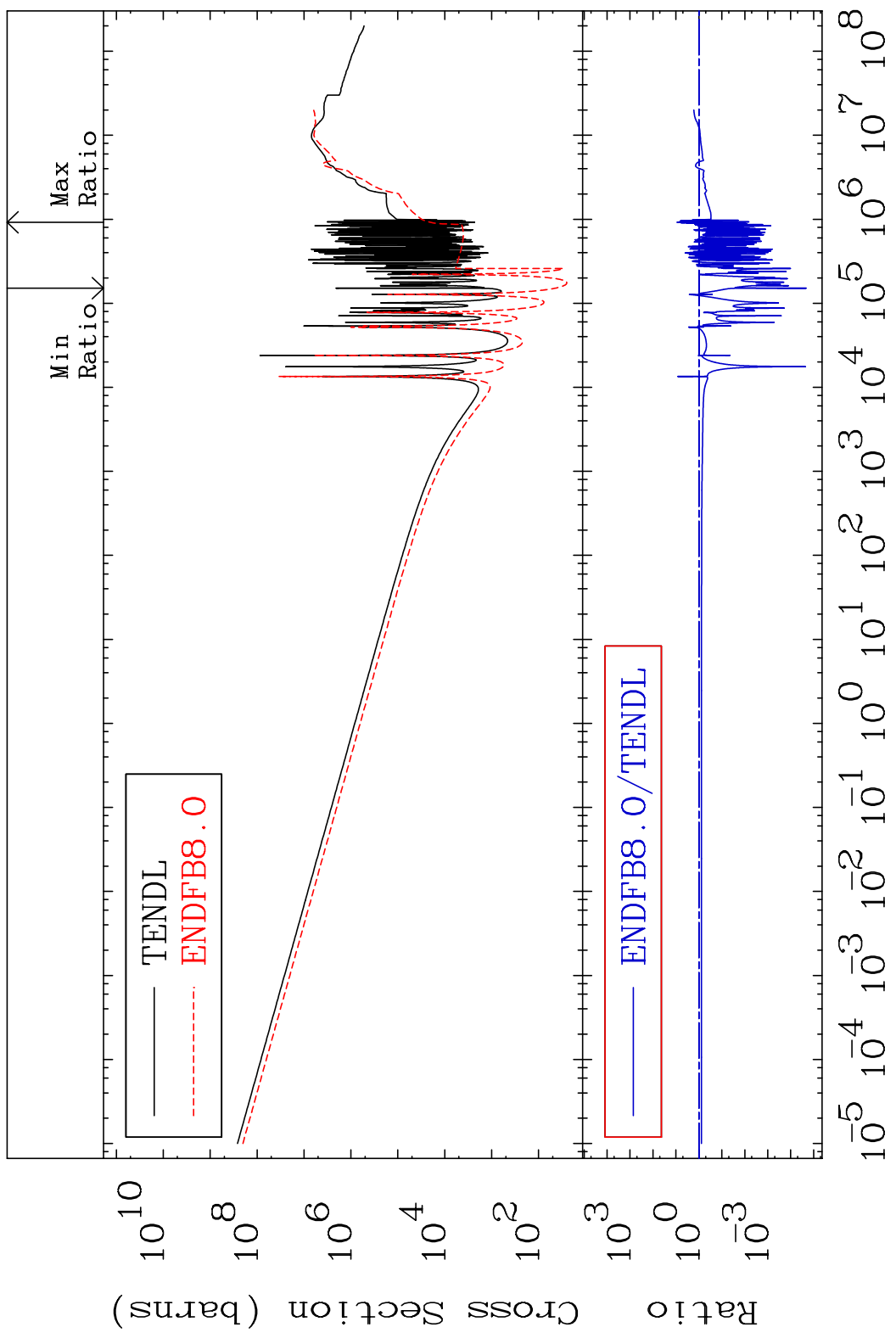
MAT 1628 Kerma capture (mt102) 16-S -33  
 Cross Section -99.98 To 9999. %



25 Incident Energy (eV) 16-S -33

MAT 1628

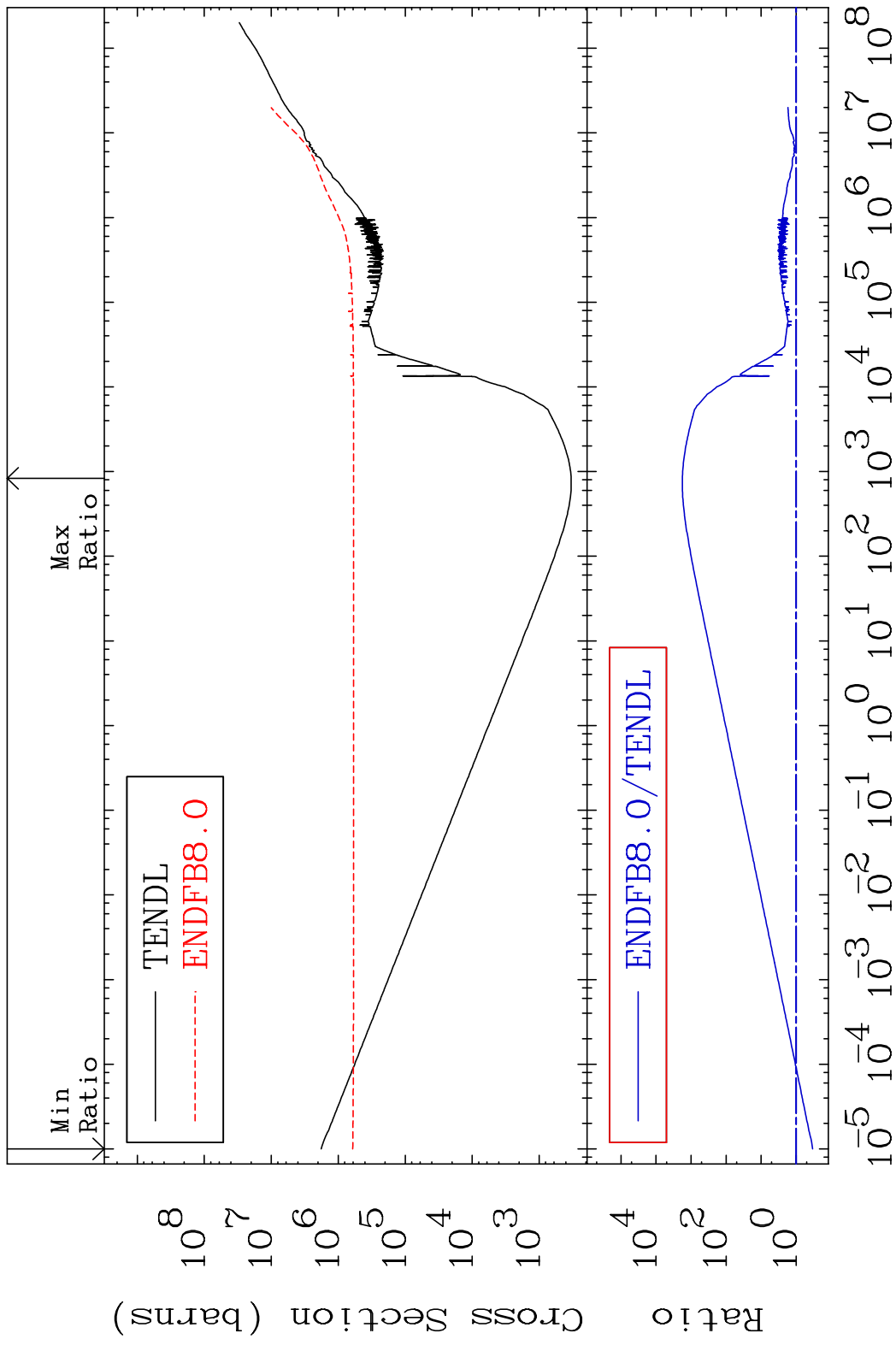
Total photon (eV-barns) 16-S -33  
Cross Section -100.0 To 782.3 %



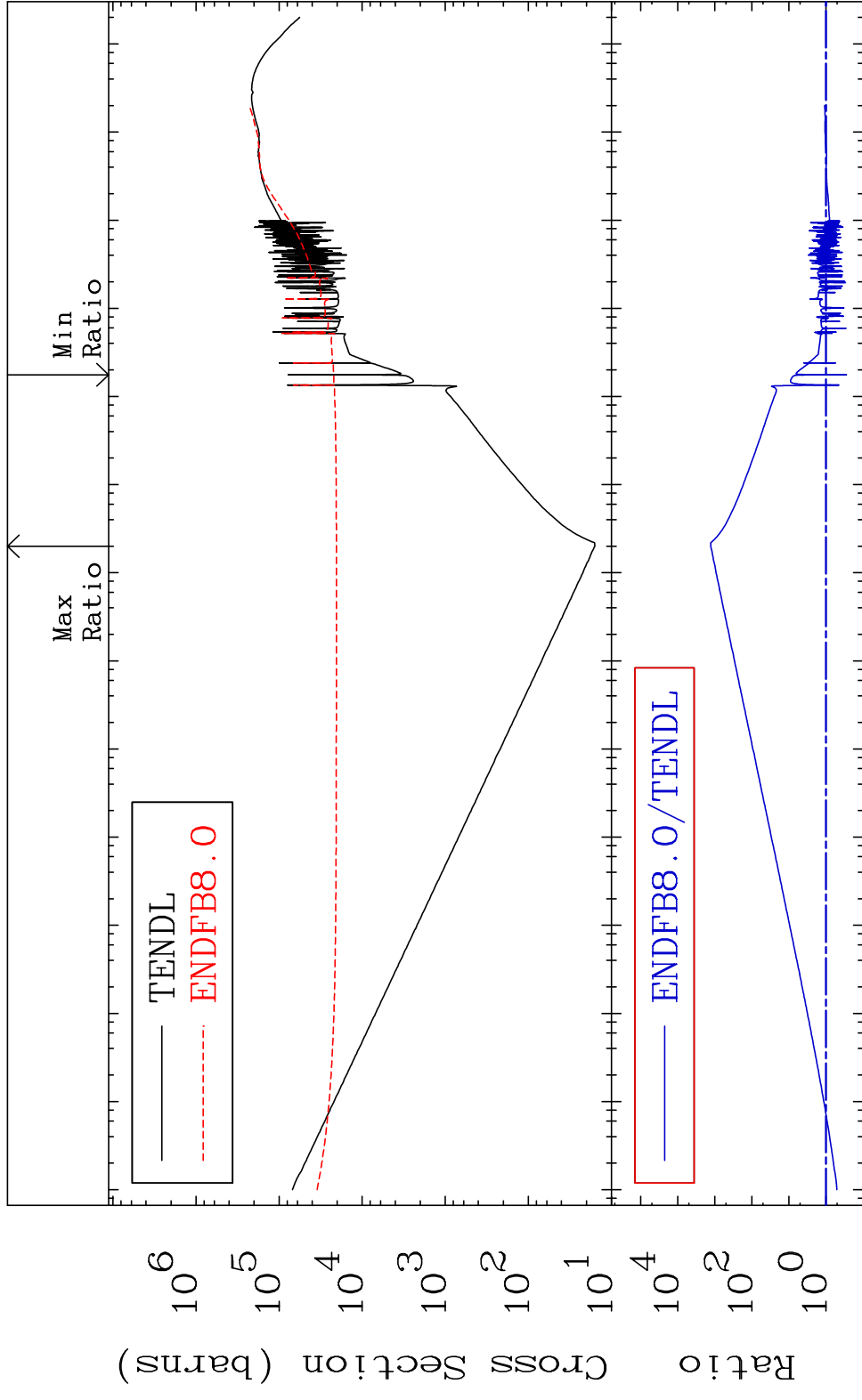
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Incident Energy (eV) 16-S -33

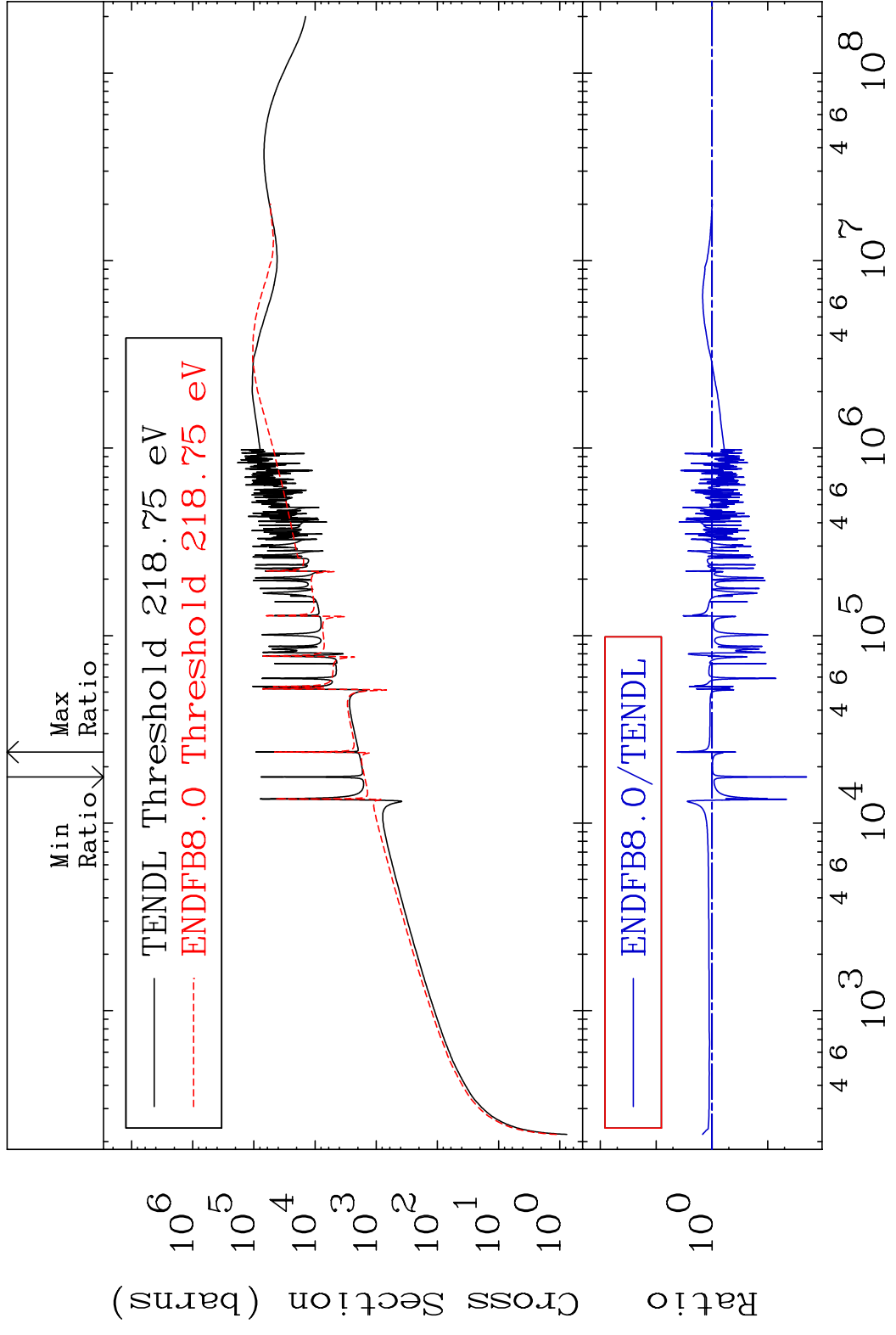
MAT 1628 Total kinematic kerma (high limit) 16-S -33  
 Cross Section -66.11 To 9999. %



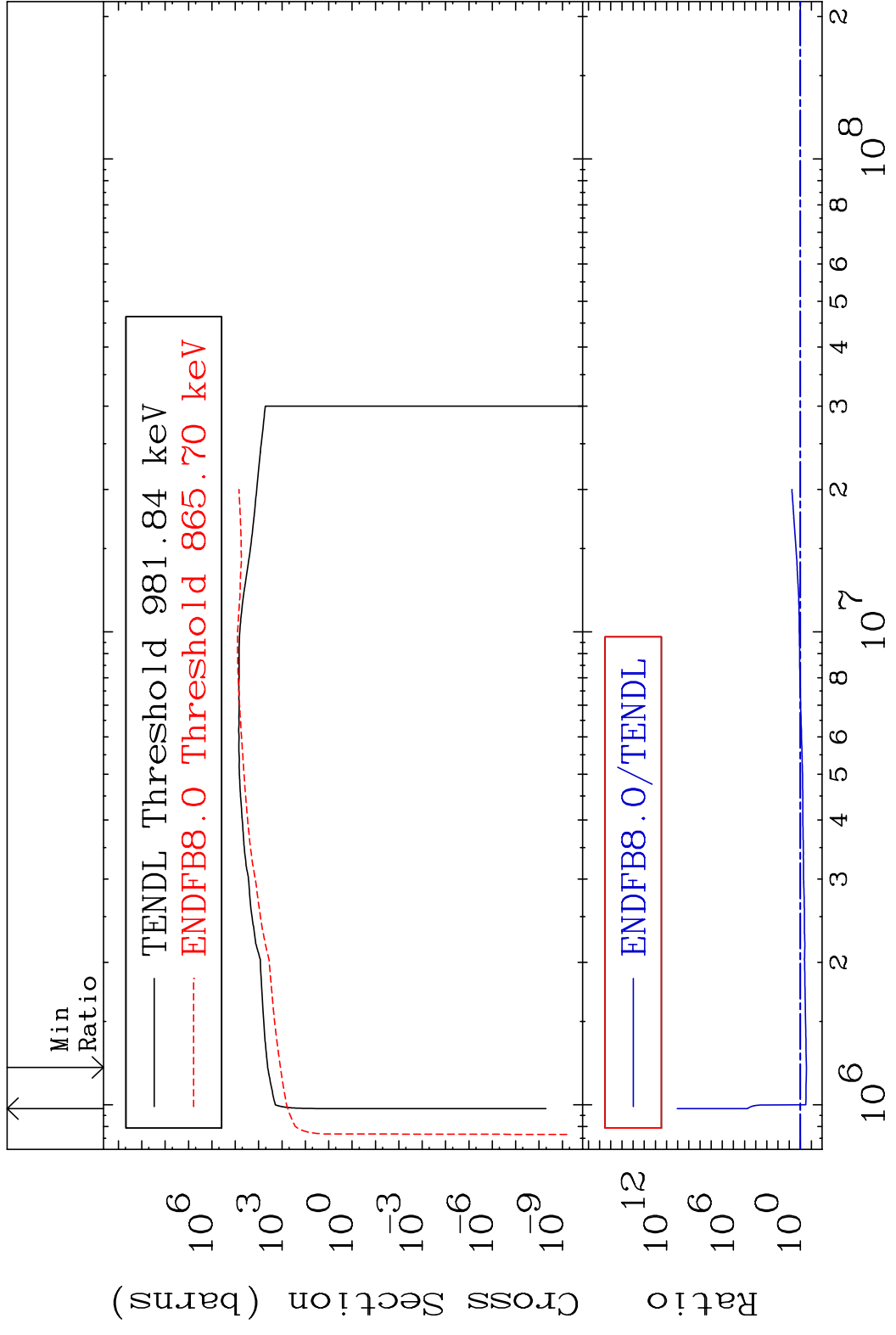
MAT 1628      Dpa total (eV-barns)      16-S -33  
 Cross Section      -71.75 To 9999. %



MAT 1628 Dpa elastic (mt2) 16-S -33  
 Cross Section -97.97 To 319.8 %



MAT 1628 Dpa inelastic (mt51-91) 16-S -33  
 Cross Section -71.45 To 9999. %



30 Incident Energy (eV) 16-S -33

MAT 1628 Dpa disappearance (mt102 -120) 16-S -33  
 Cross Section -49.37 To 9999. %

