

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

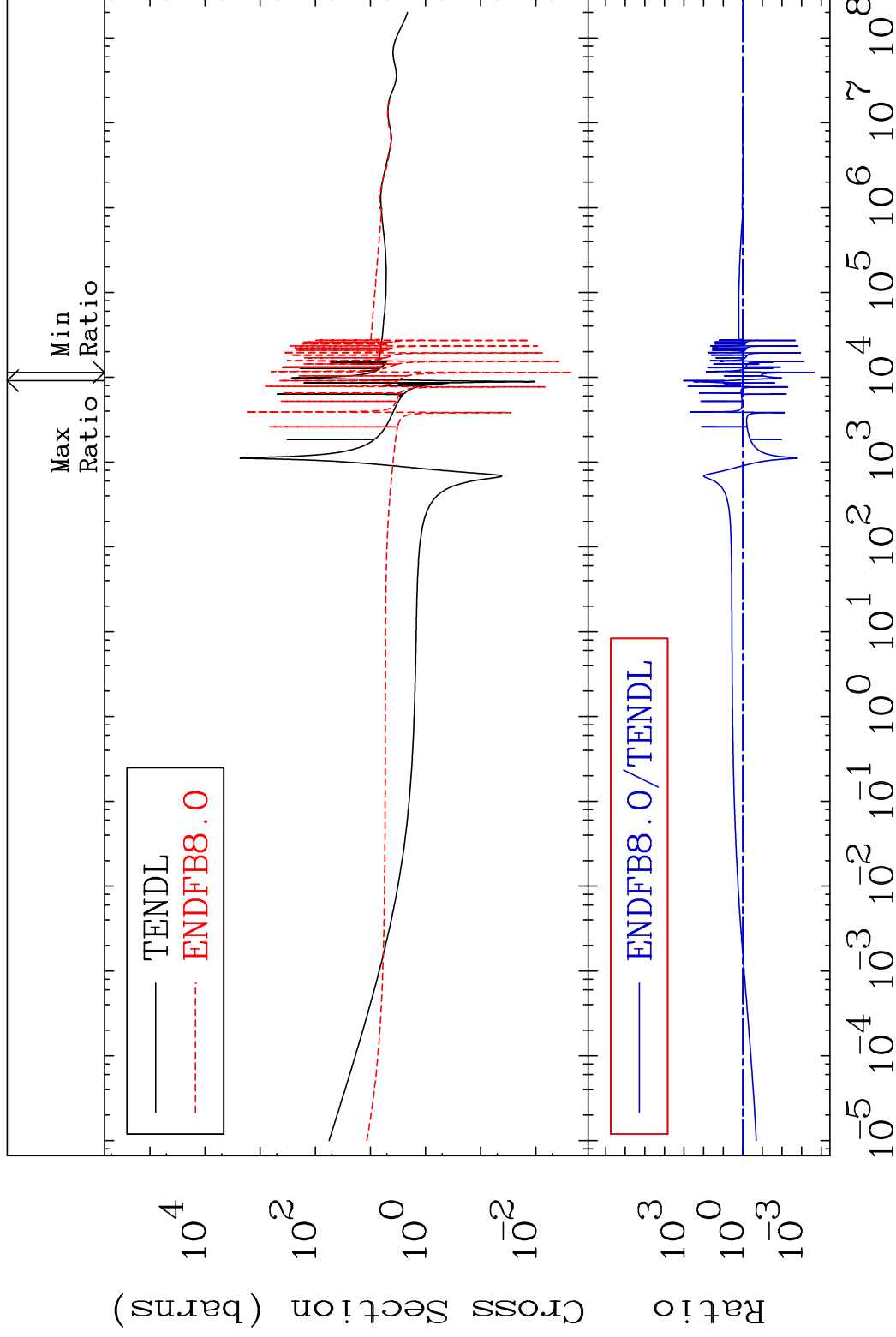
MAT 5261

Total

52-Te-132

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

52-Te-132

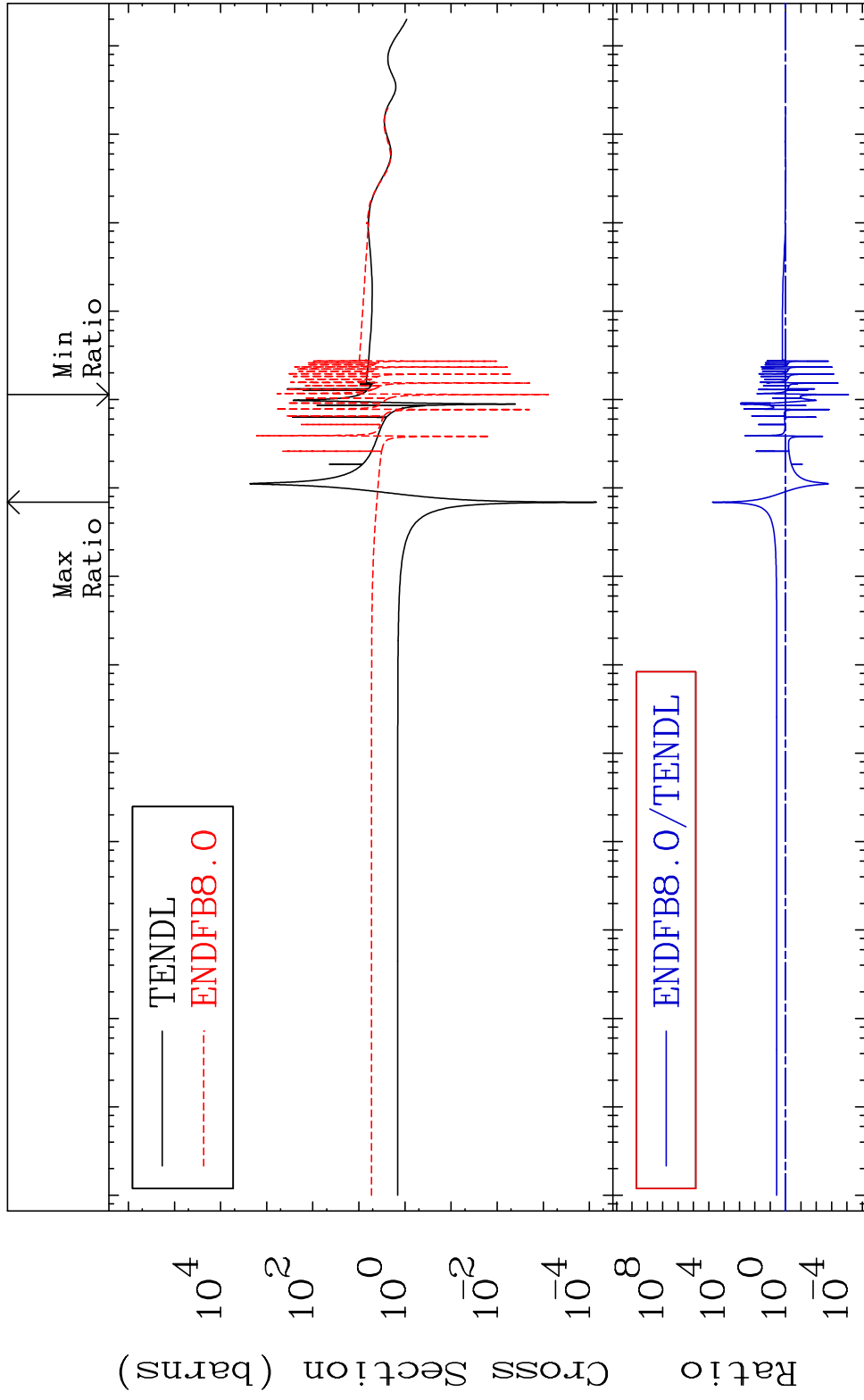
MAT 5261

Elastic

52-Te-132

Cross Section

-99.99 To 9999. %



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)

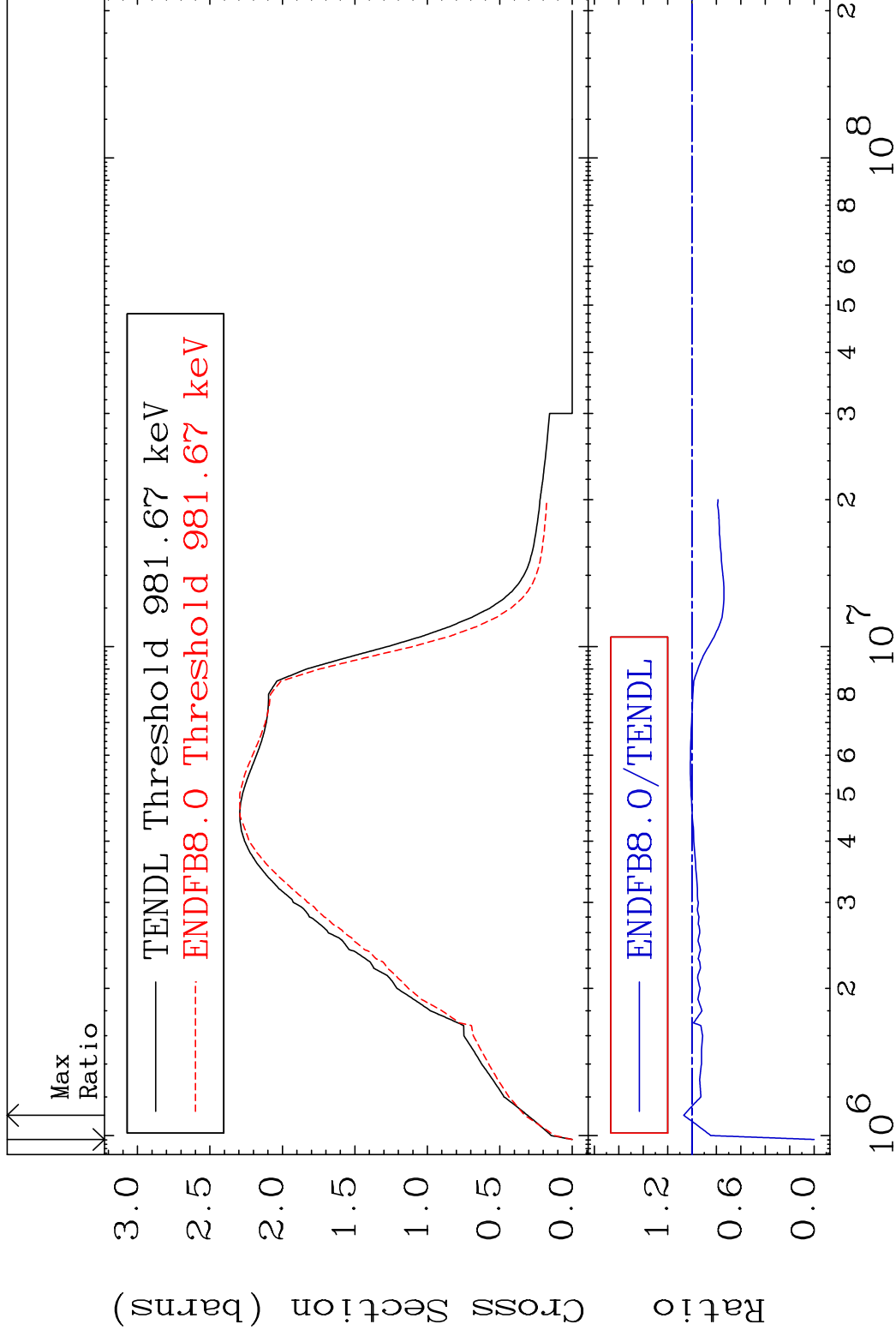
52-Te-132

MAT 5261

Inelastic

52-Te-132

Cross Section -100.0 To 6.846 %



3

Incident Energy (eV)

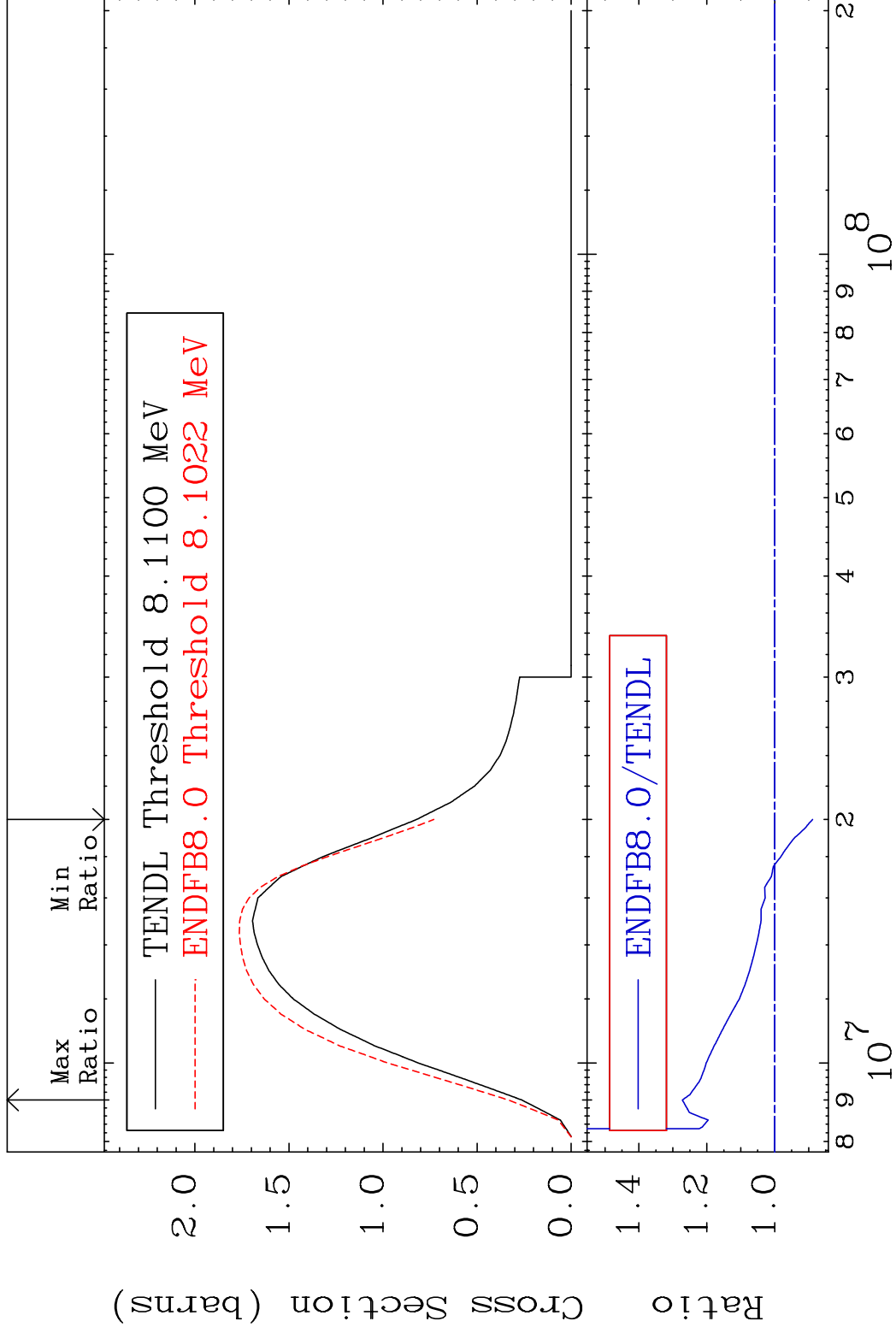
52-Te-132

MAT 5261

(n,2n)

52-Te-132

Cross Section -11.14 To 27.21 %



4

Incident Energy (eV)

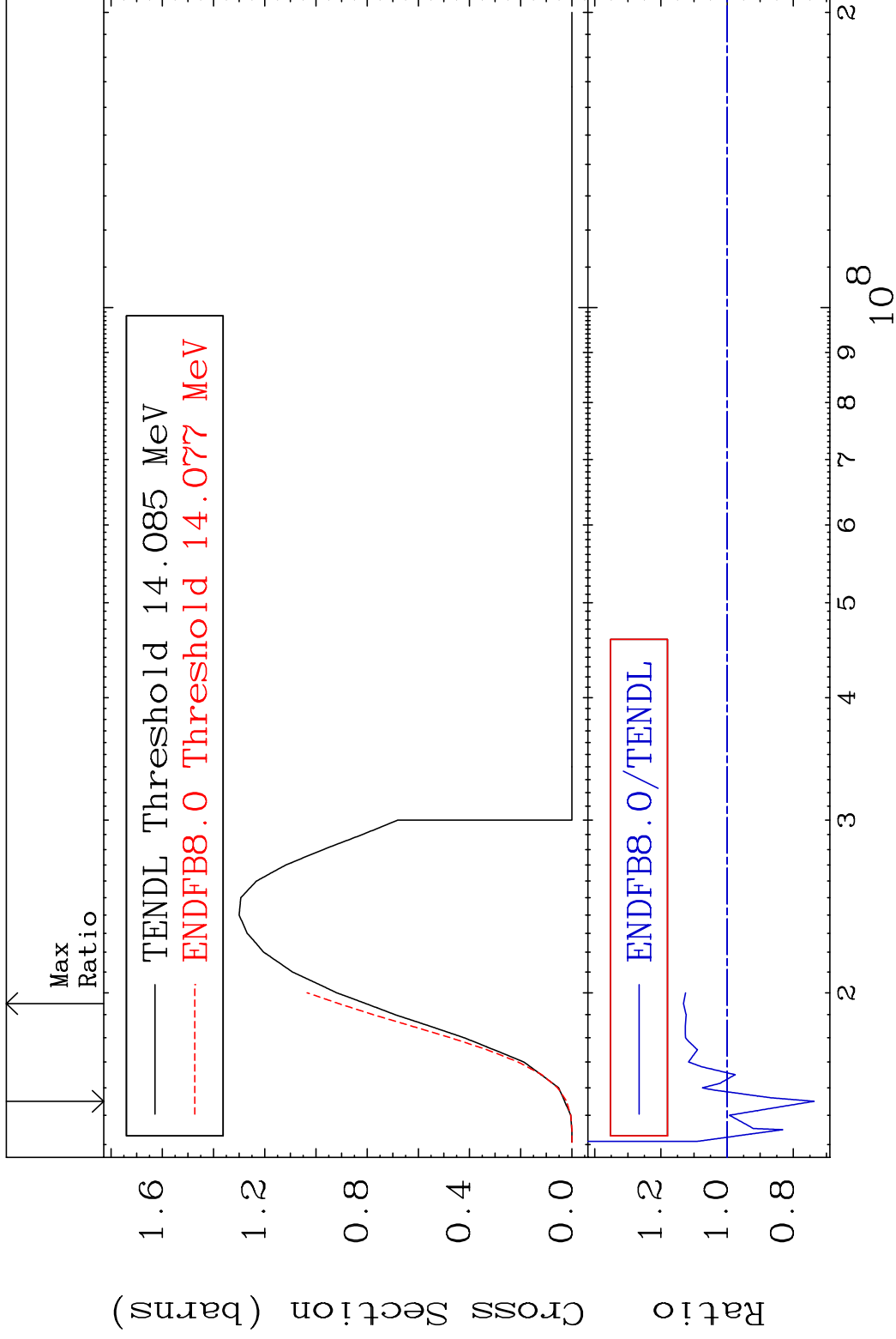
52-Te-132

MAT 5261

(n,3n)

52-Te-132

Cross Section -26.26 To 13.19 %

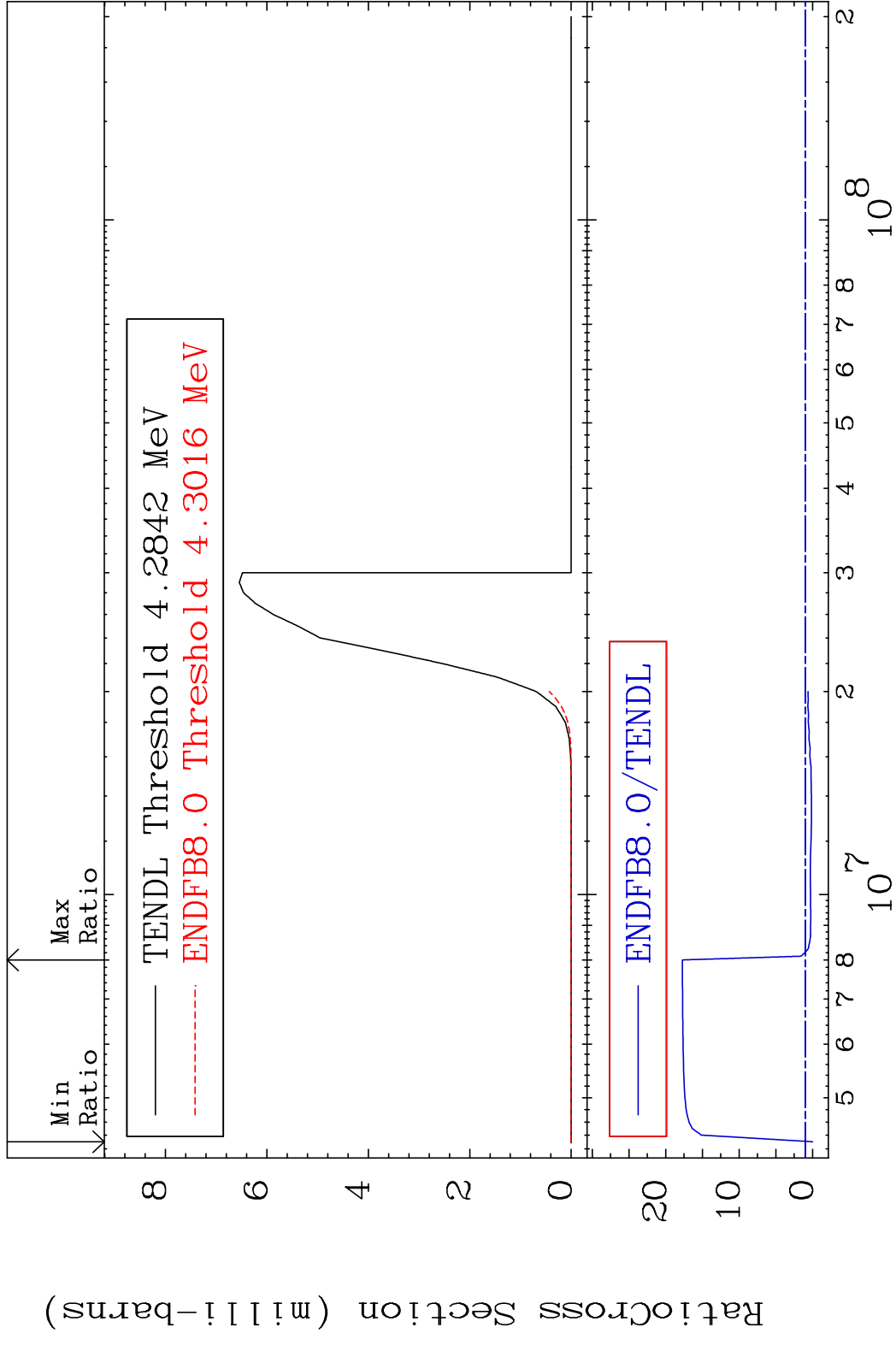


5

Incident Energy (eV)

52-Te-132

MAT 5261 (n, n')  $\alpha$  52-Te-132  
 Cross Section -100.0 To 1673. %

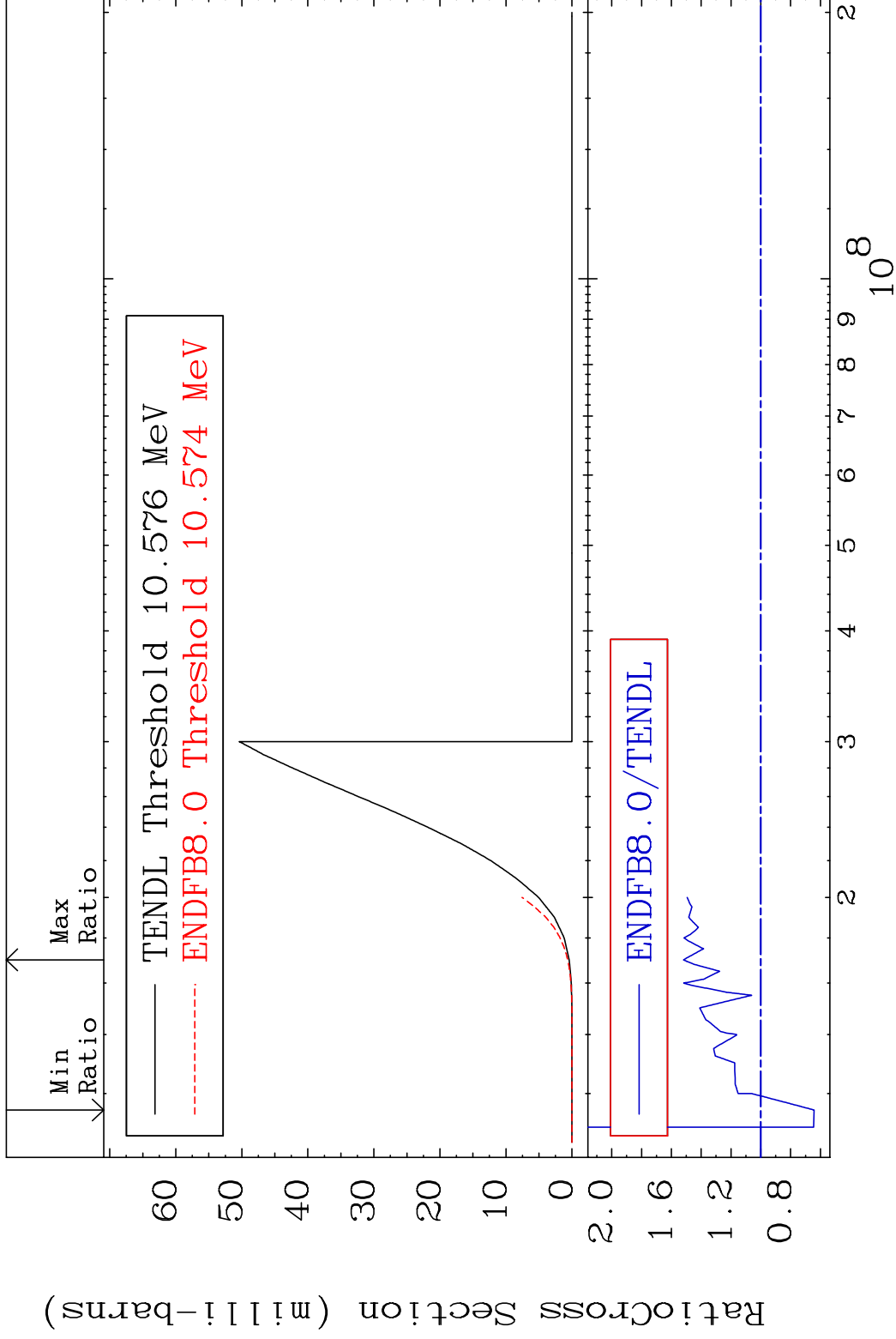


MAT 5261

(n, n') p

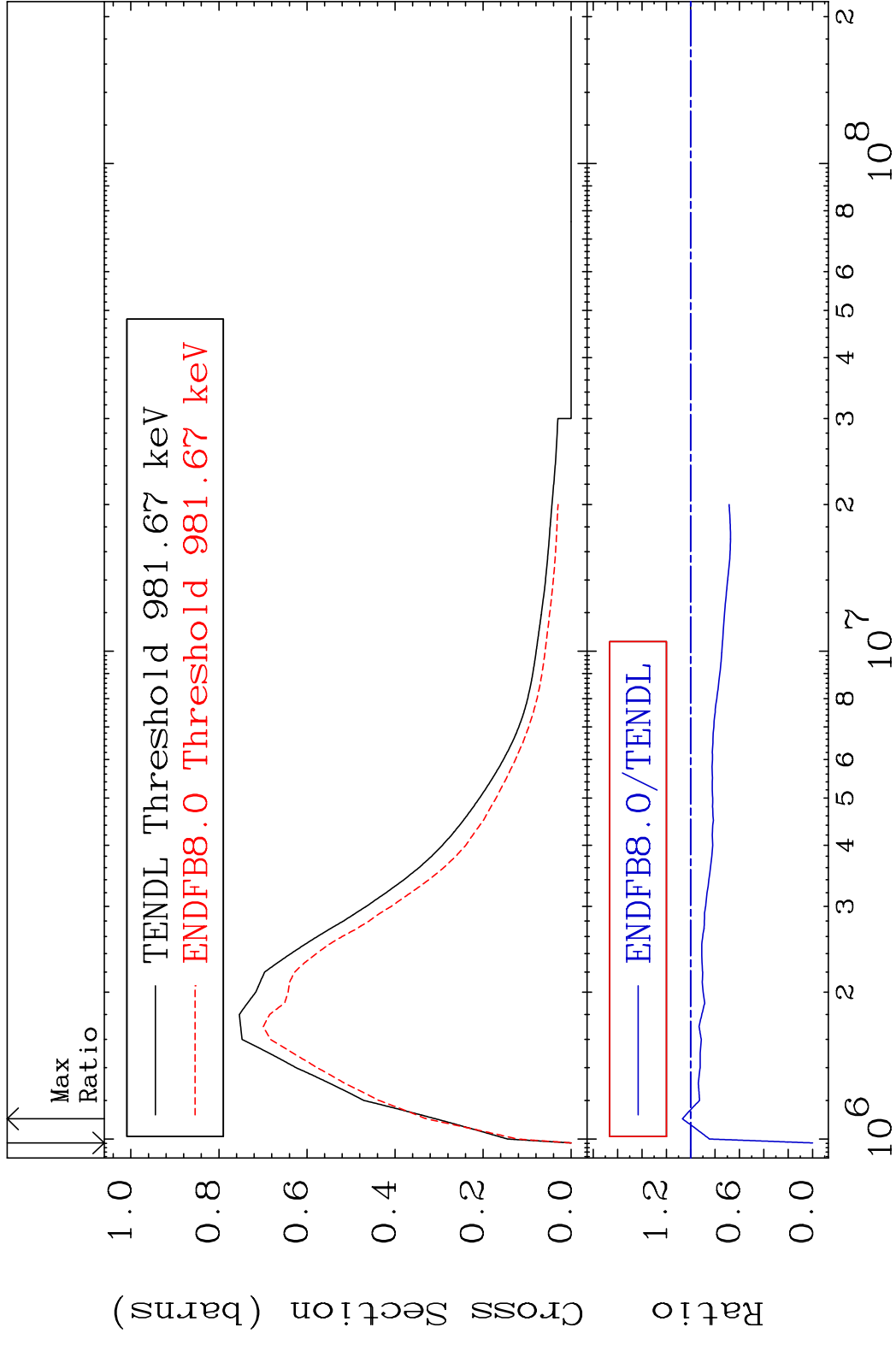
52-Te-132

Cross Section -35.71 To 51.88 %



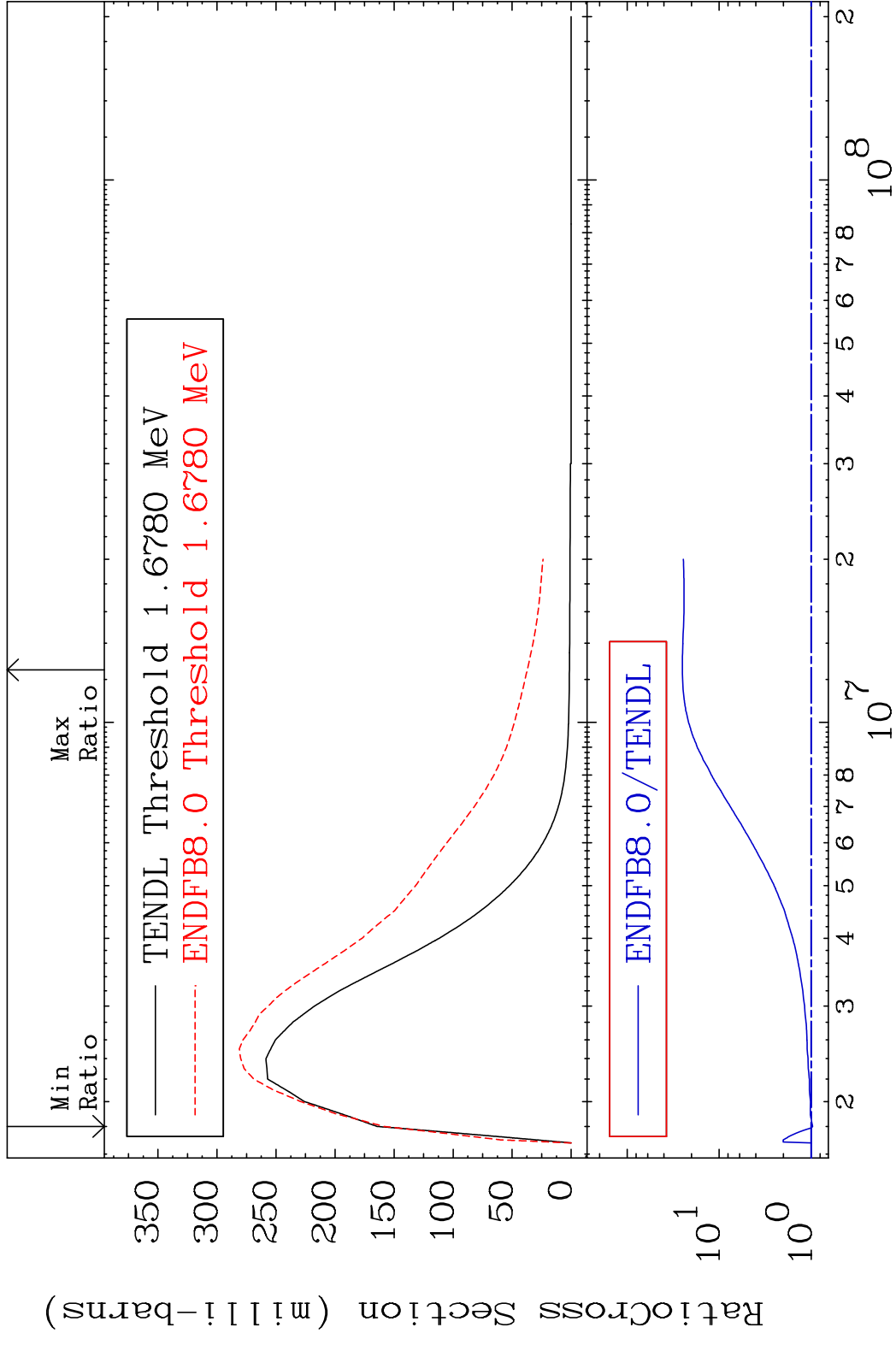


MAT 5261 MT= 51 (n,n') Level 52-Te-132  
 Cross Section -100.0 To 6.846 %

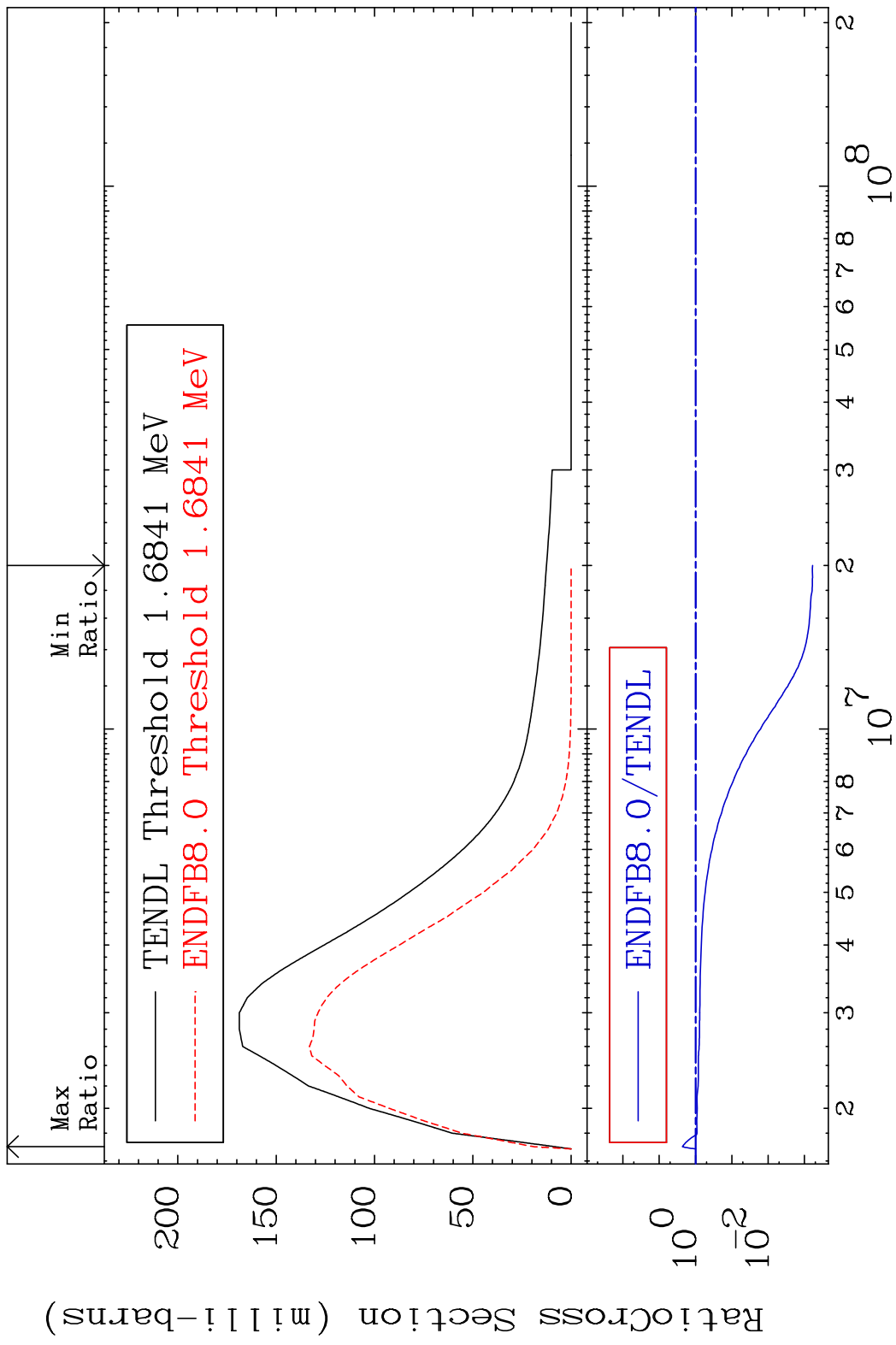


8 Incident Energy (eV) 52-Te-132

MAT 5261 MT= 52 (n,n') Level 52-Te-132  
 Cross Section -3.516 To 2417. %

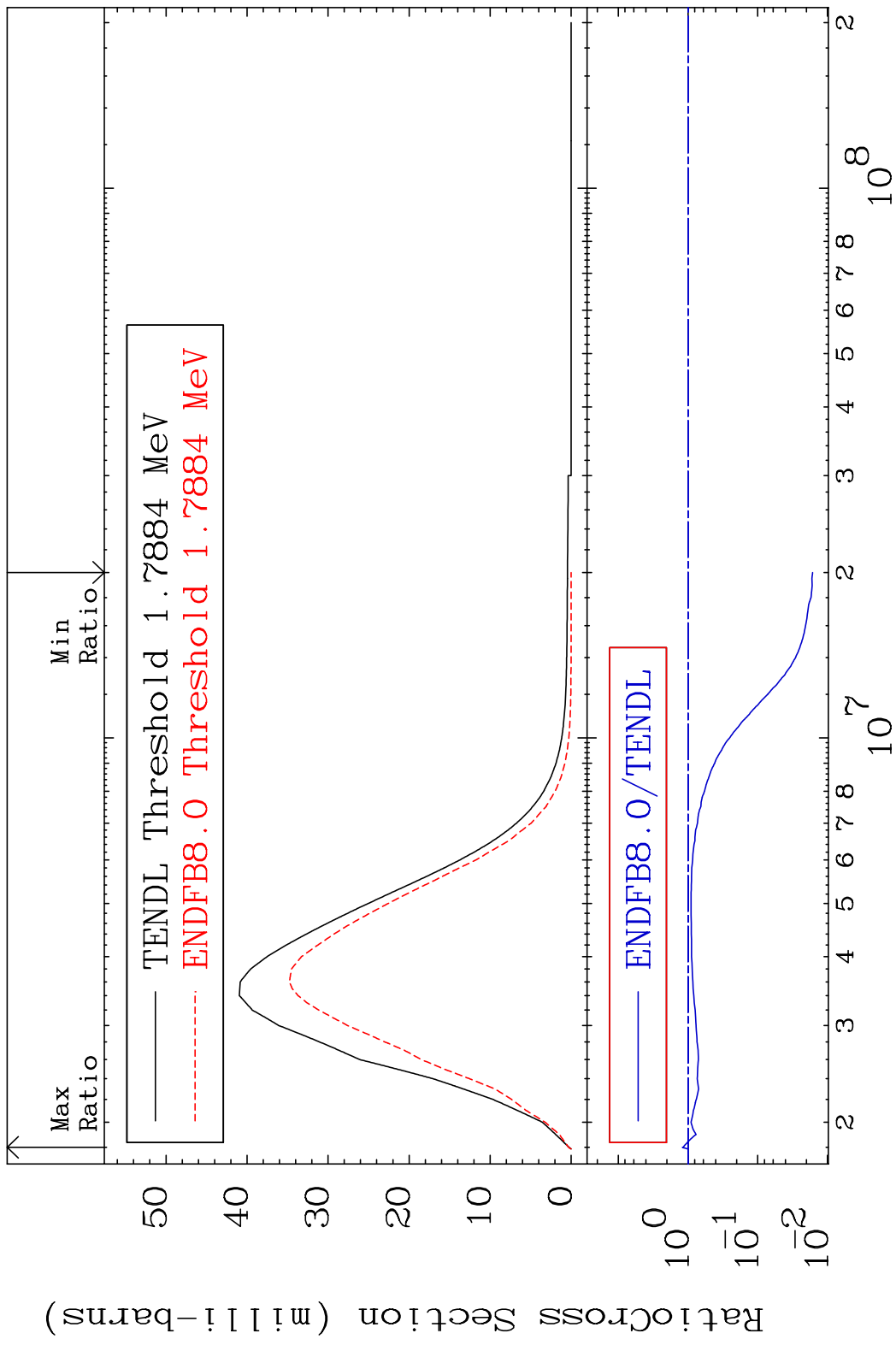


MAT 5261 MT= 53 (n, n') Level 52-Te-132  
 Cross Section -99.94 To 130.7 %

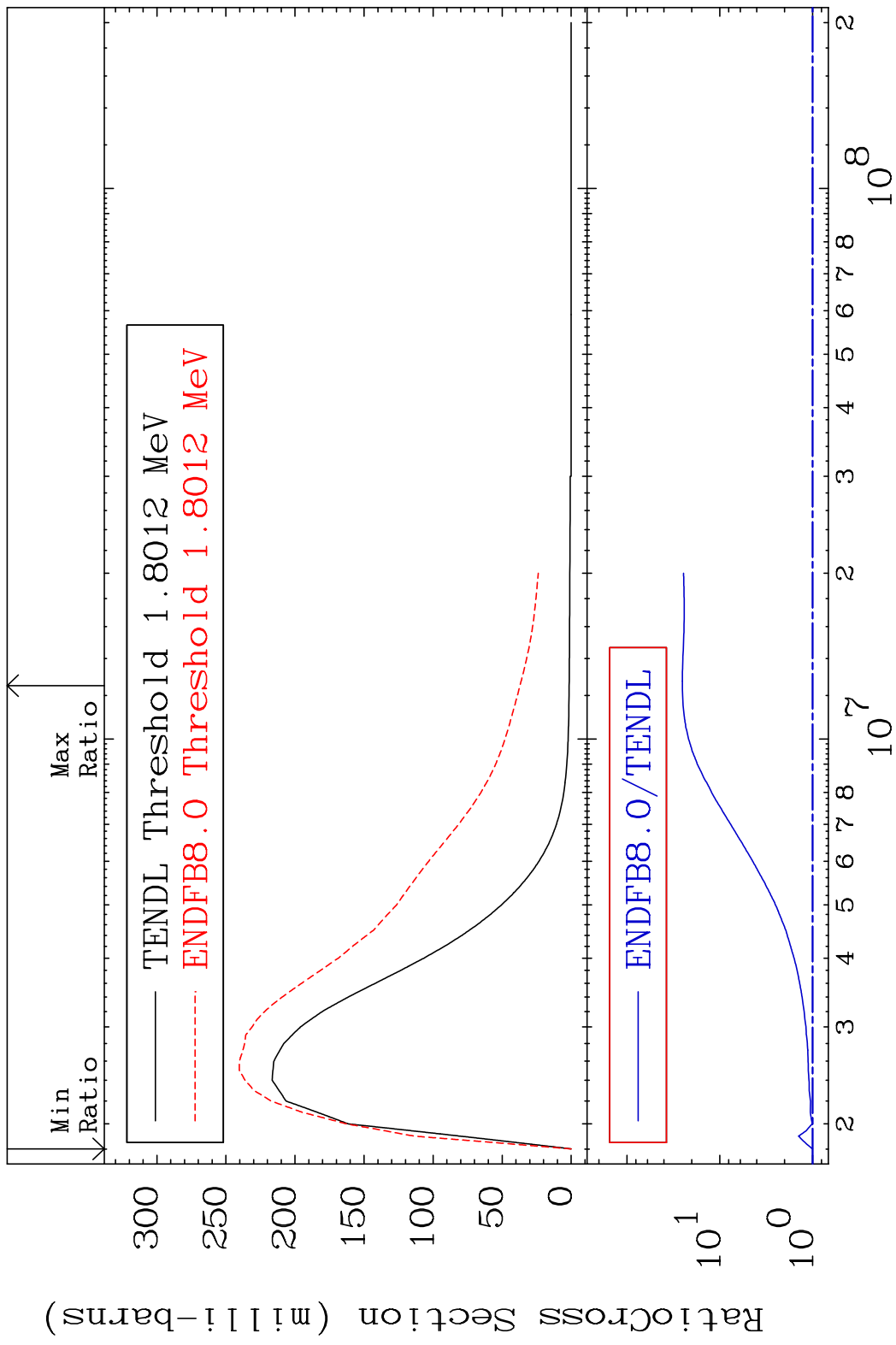


10 10 Incident Energy (eV) 52-Te-132

MAT 5261 MT= 54 (n, n') Level 52-Te-132  
 Cross Section -98.36 To 20.43 %

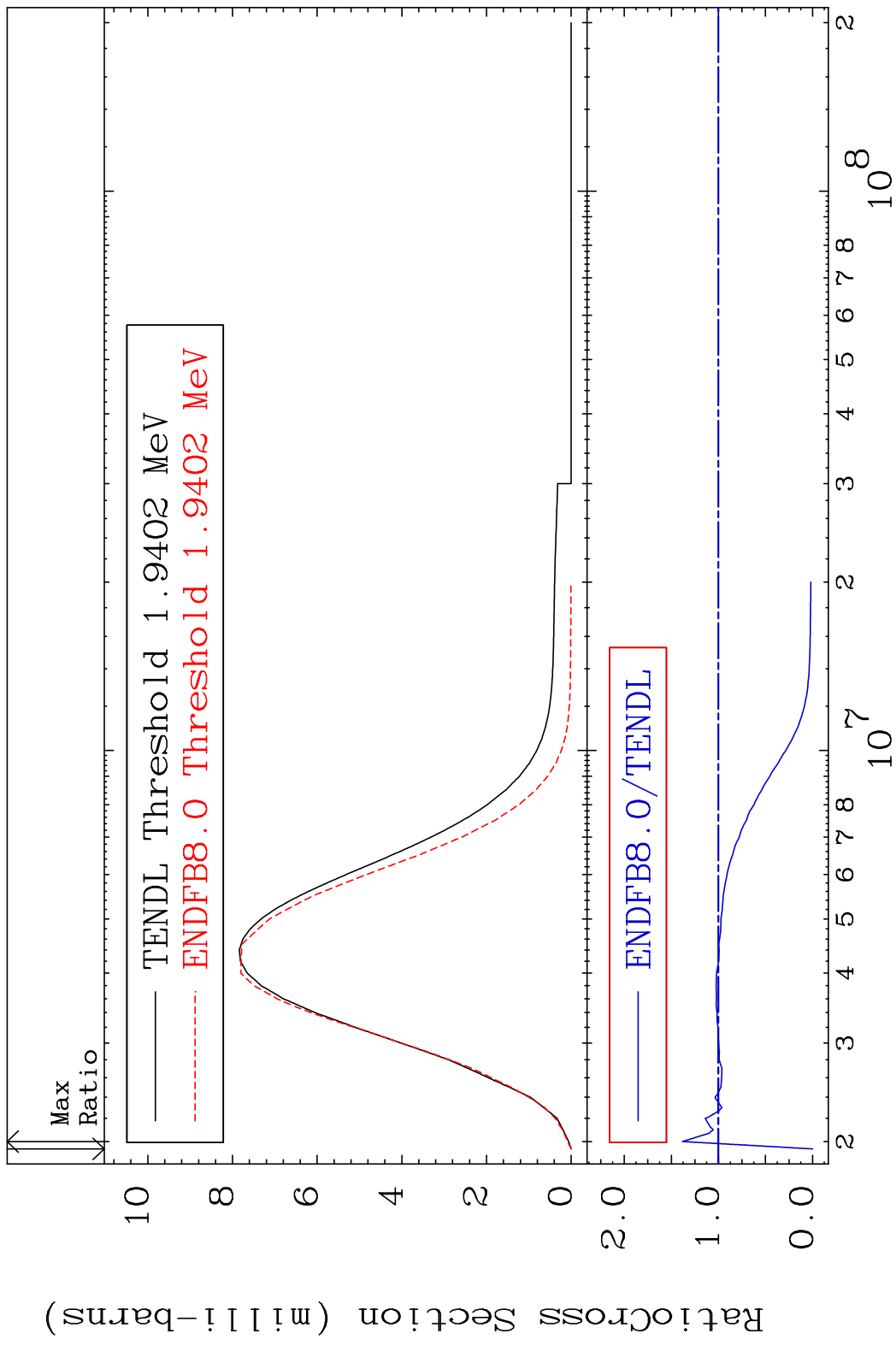


MAT 5261 MT= 55 (n, n') Level 52-Te-132  
 Cross Section 0.000 To 2430. %

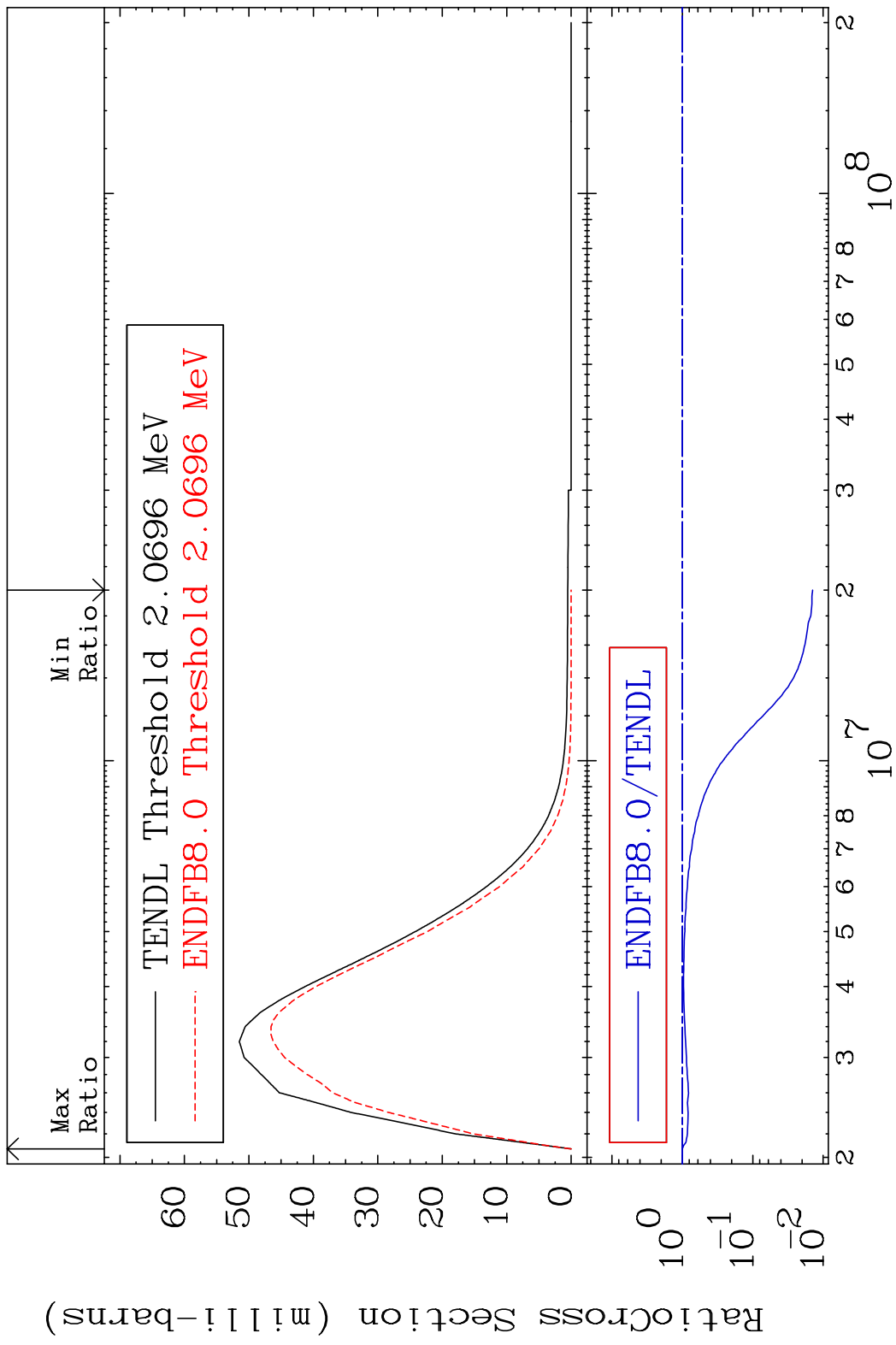


12 Incident Energy (eV) 52-Te-132

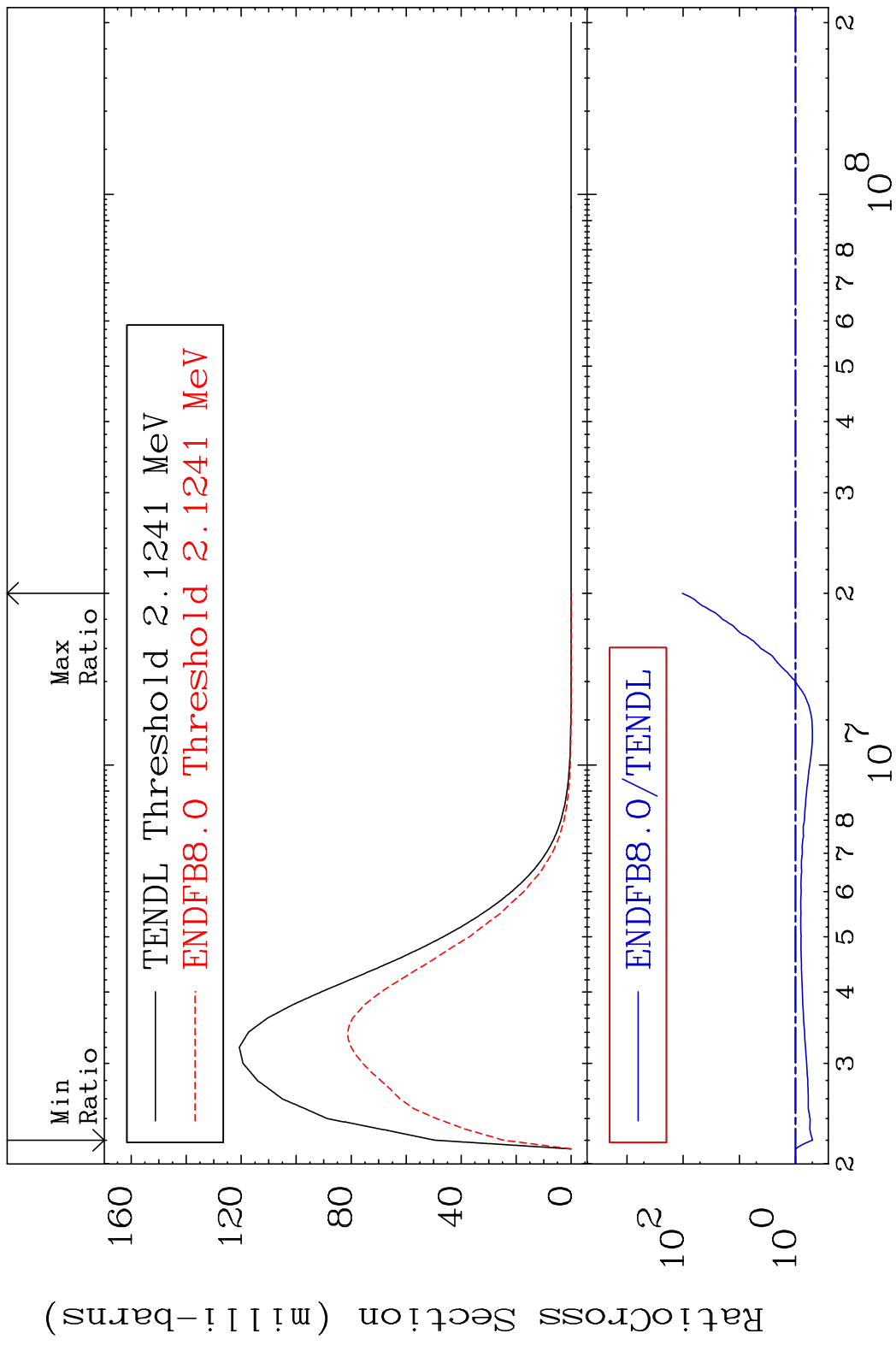
MAT 5261 MT= 56 (n,n') Level 52-Te-132  
 Cross Section -100.0 To 38.30 %



MAT 5261 MT= 57 (n,n') Level 52-Te-132  
 Cross Section -98.58 To 0.000 %



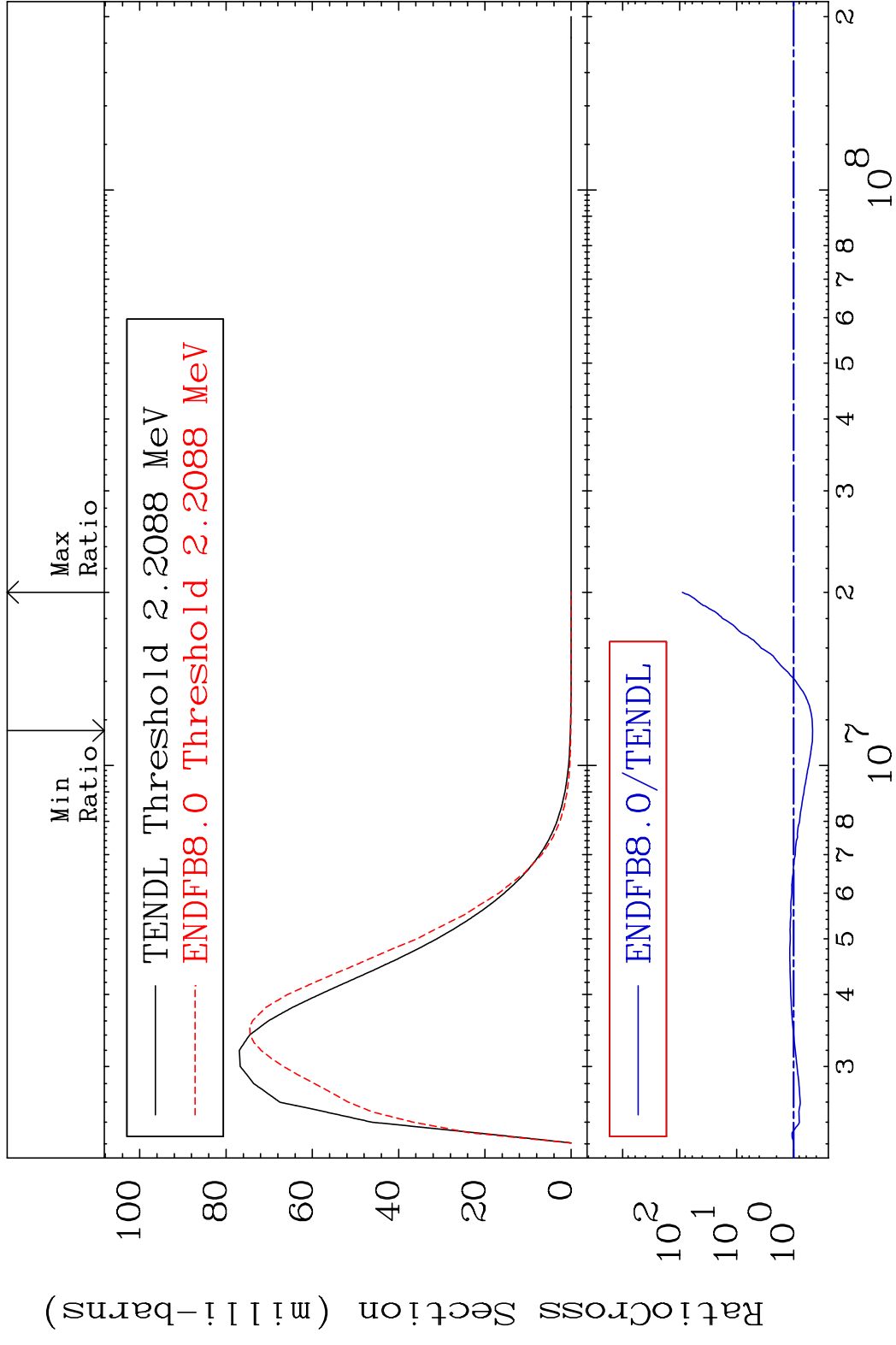
MAT 5261 MT= 58 (n, n') Level 52-Te-132  
 Cross Section -50.17 To 9999. %



15 Incident Energy (eV) 52-Te-132

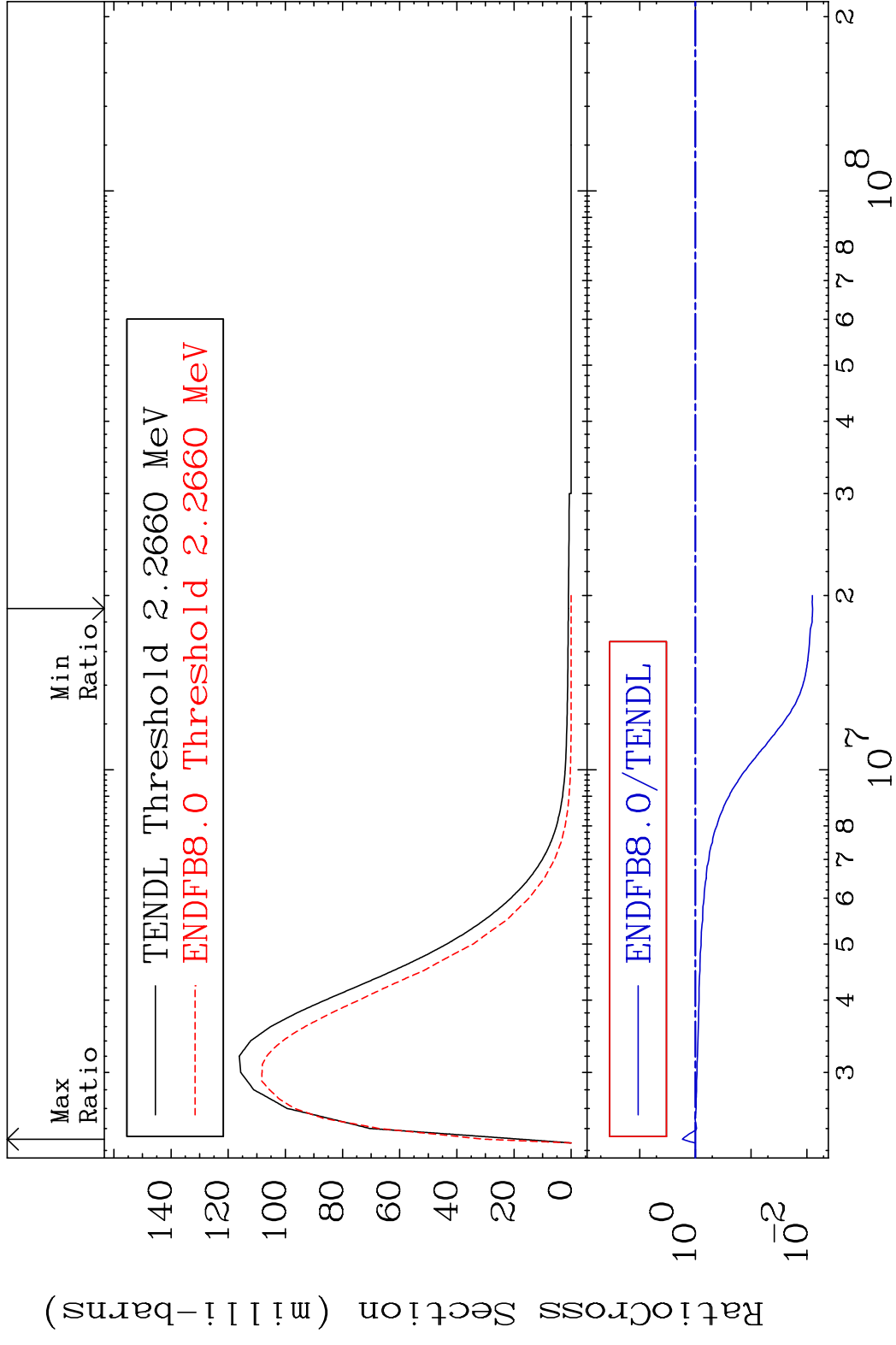


MAT 5261 MT= 59 (n, n') Level 52-Te-132  
 Cross Section -53.38 To 8866. %

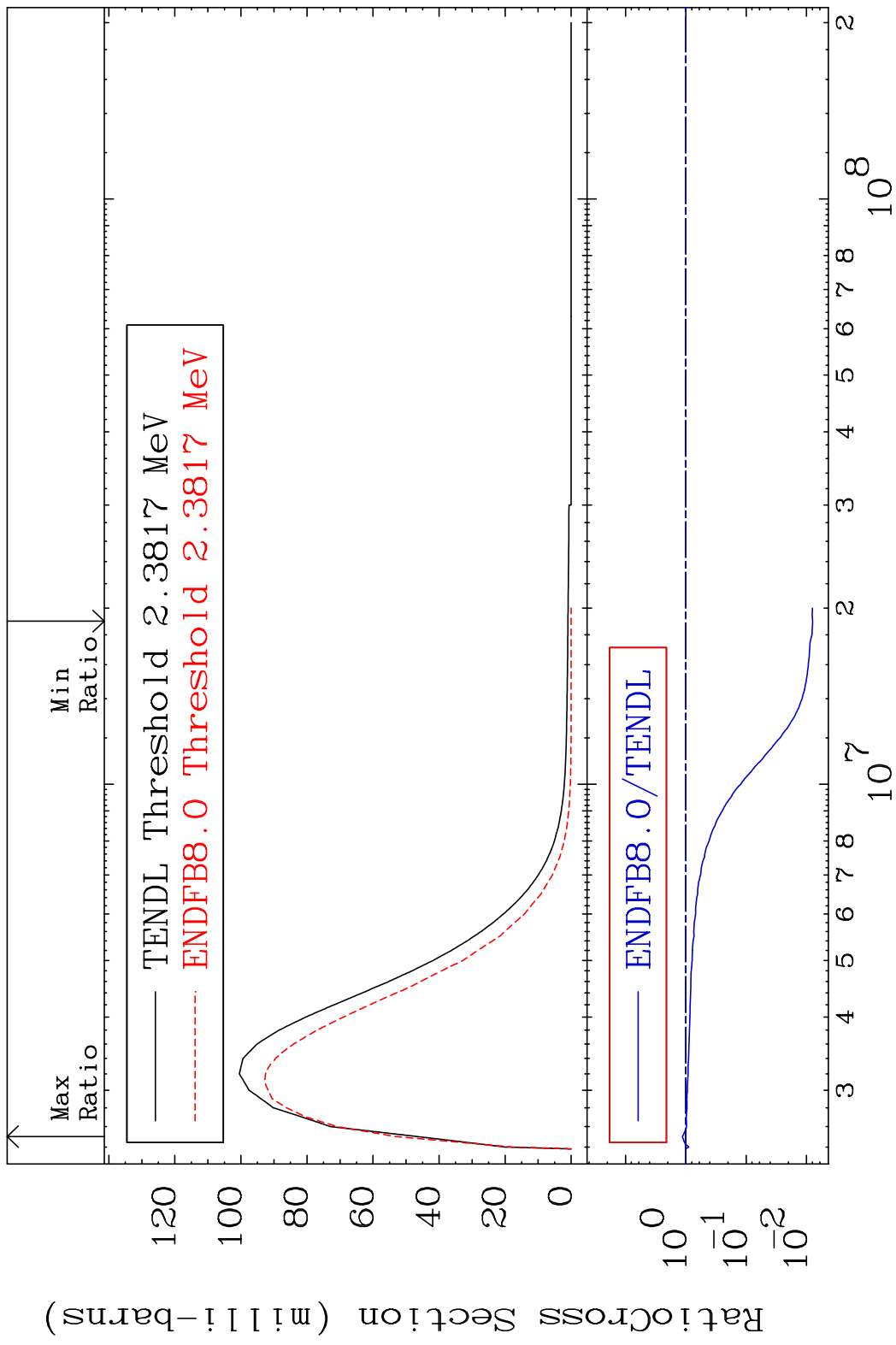


16 Incident Energy (eV) 52-Te-132

MAT 5261 MT= 60 (n,n') Level 52-Te-132  
 Cross Section -99.21 To 71.44 %

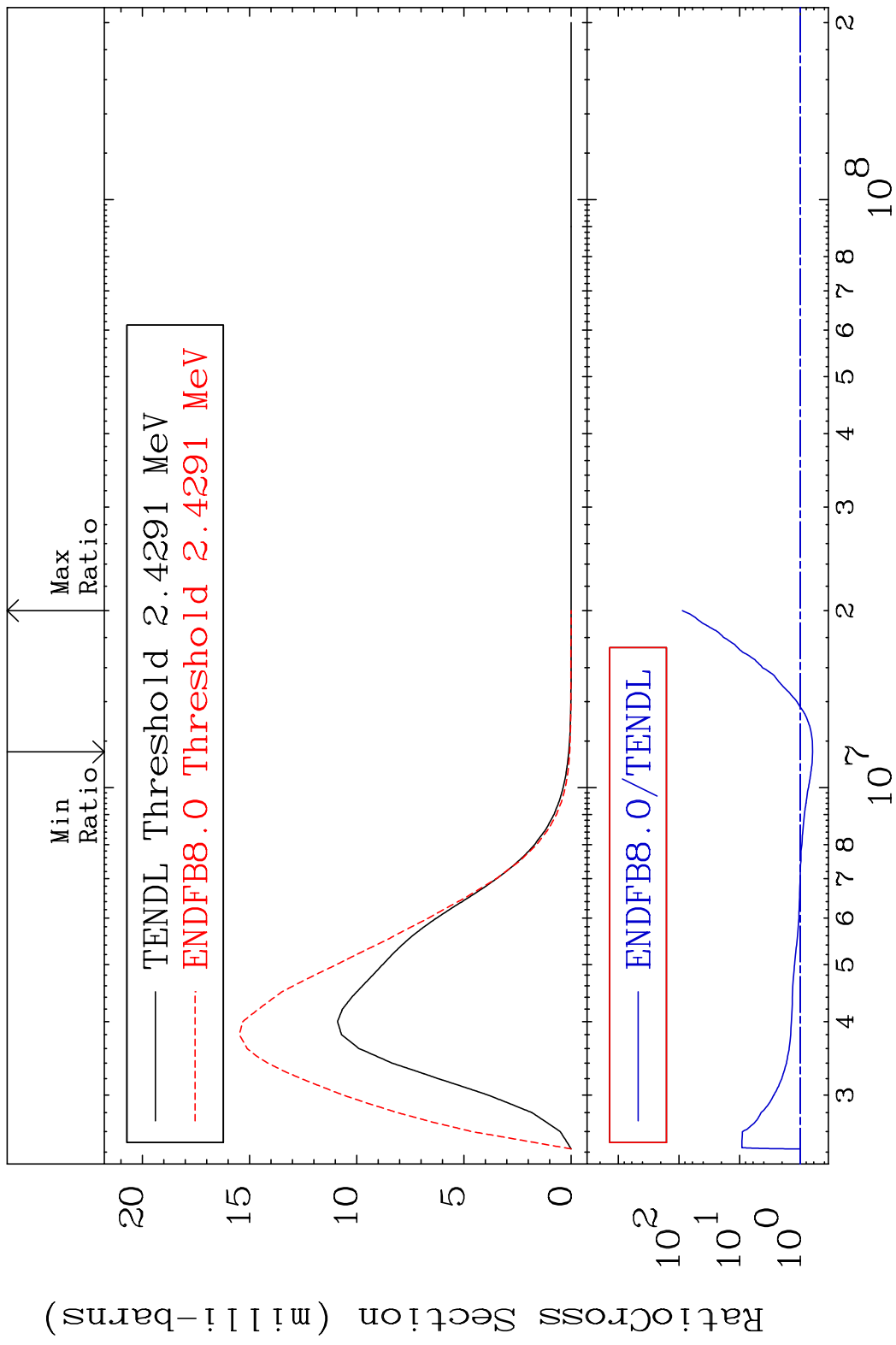


MAT 5261 MT= 61 (n, n') Level 52-Te-132  
 Cross Section -99.21 To 14.26 %

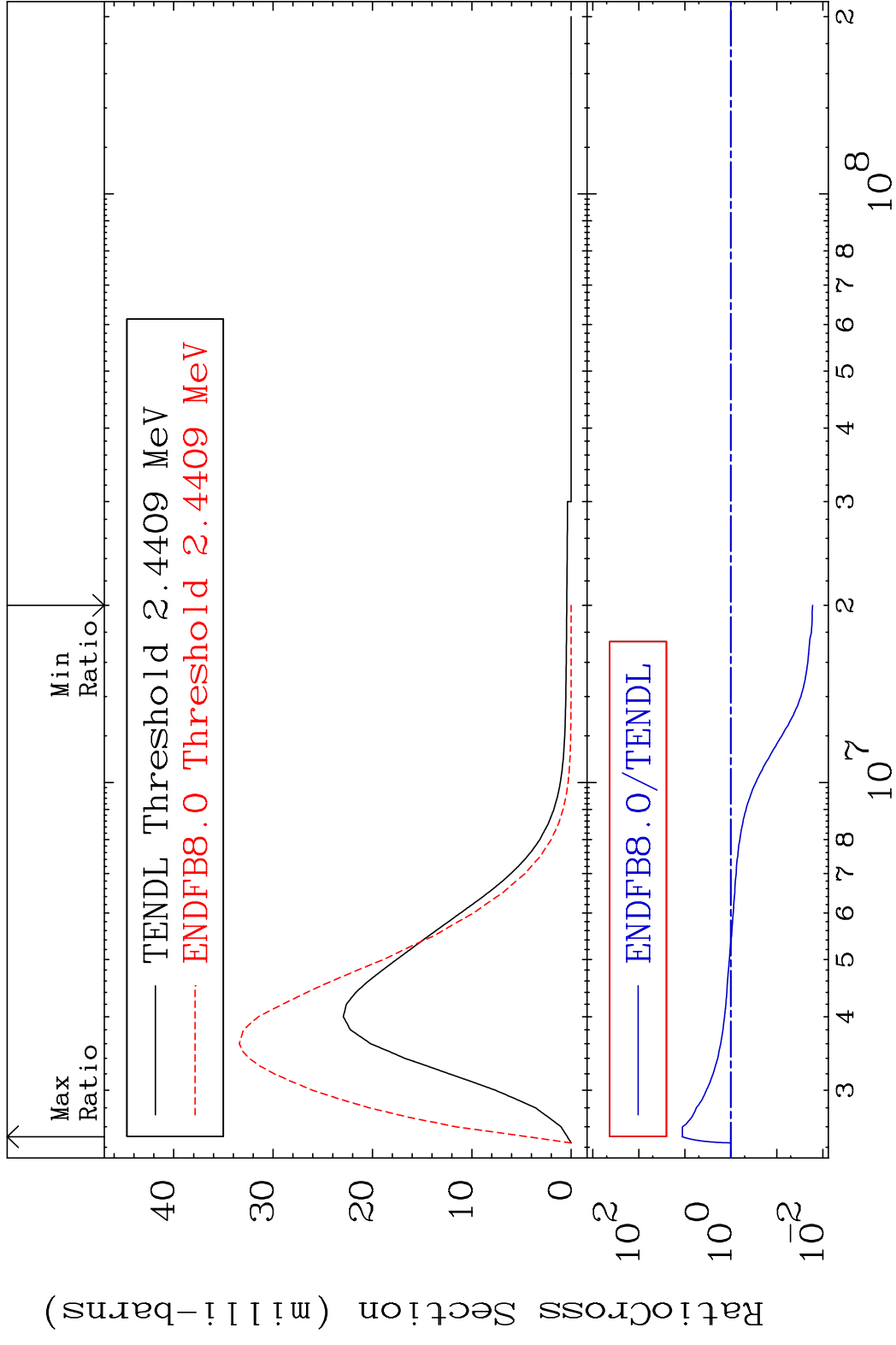


18 52-Te-132

MAT 5261 MT= 62 (n, n') Level 52-Te-132  
 Cross Section -37.05 To 8721. %

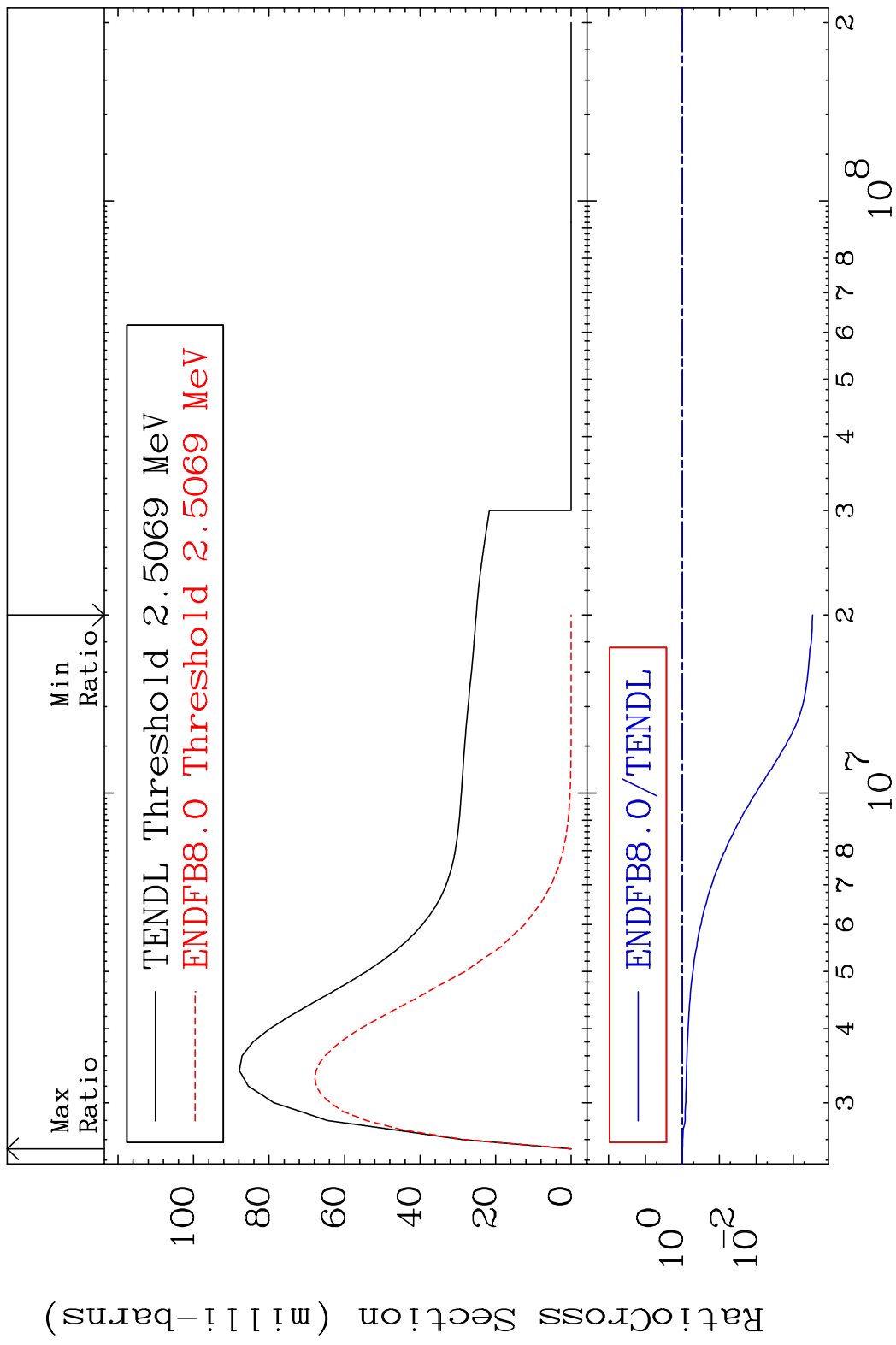


MAT 5261 MT= 63 (n,n') Level 52-Te-132  
 Cross Section -98.33 To 1034. %

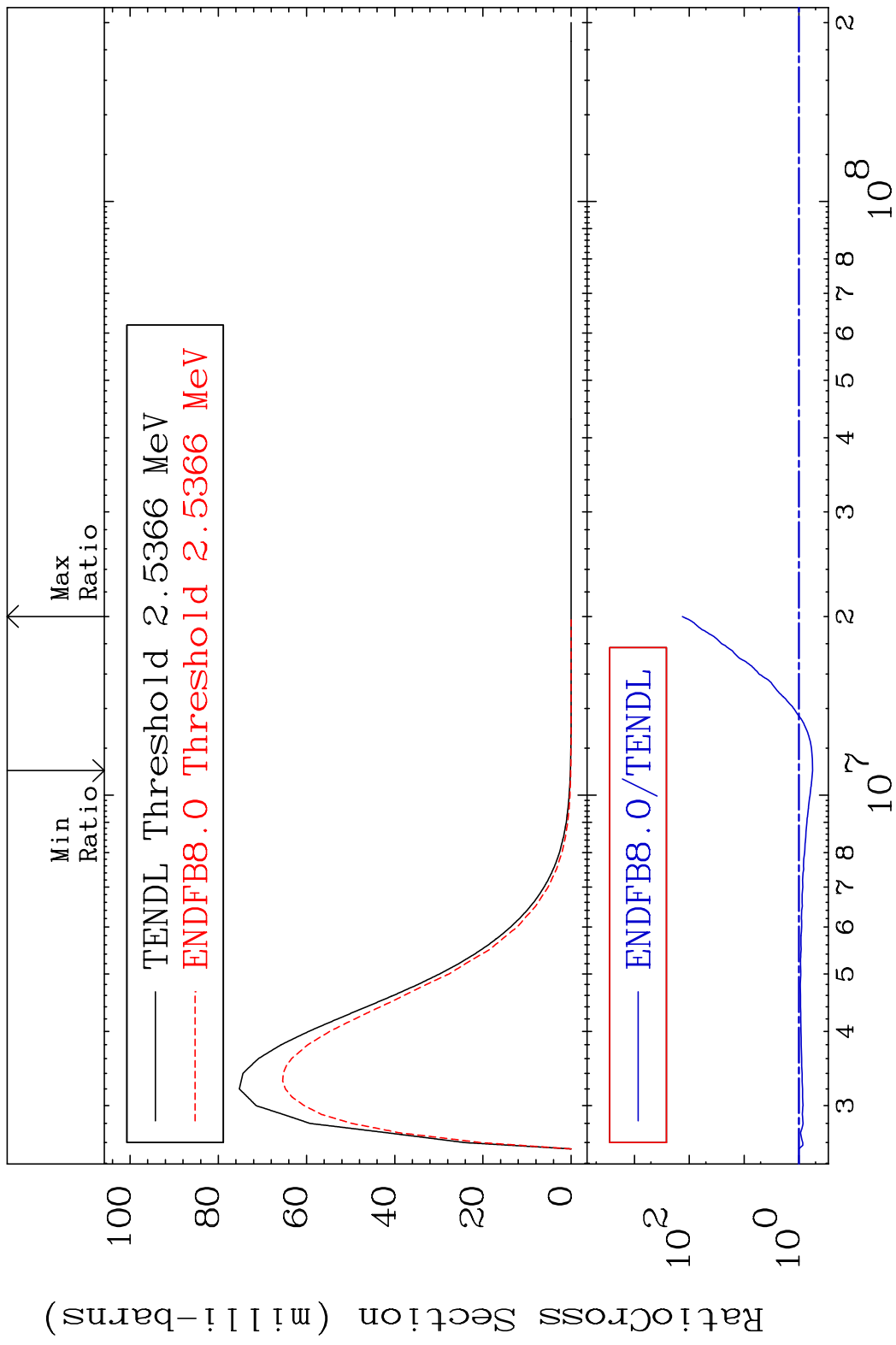


20 Incident Energy (eV) 52-Te-132

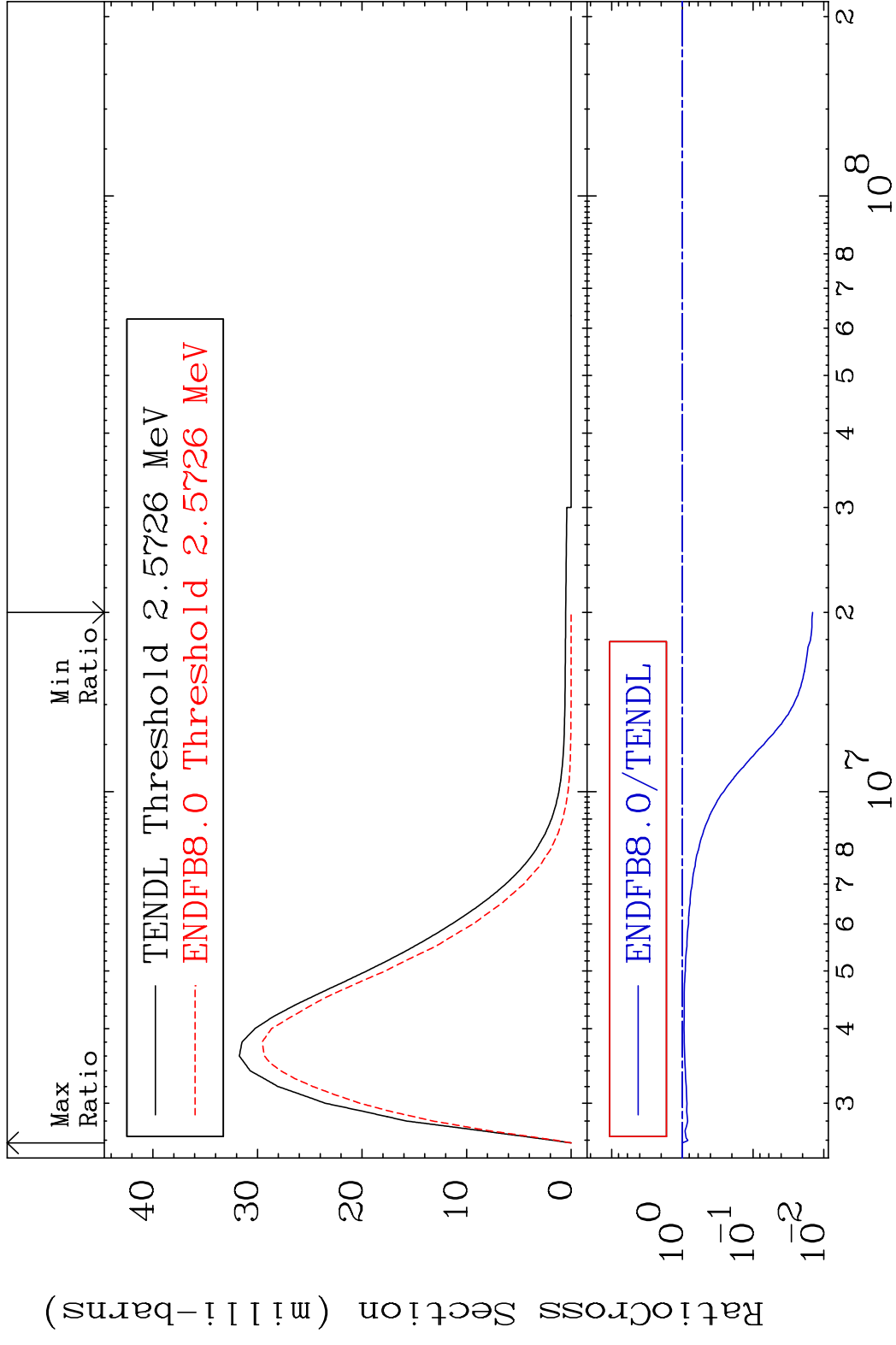
MAT 5261 MT= 64 (n,n') Level 52-Te-132  
 Cross Section -99.97 To 0.000 %



MAT 5261 MT= 65 (n, n') Level 52-Te-132  
 Cross Section -43.49 To 9999. %

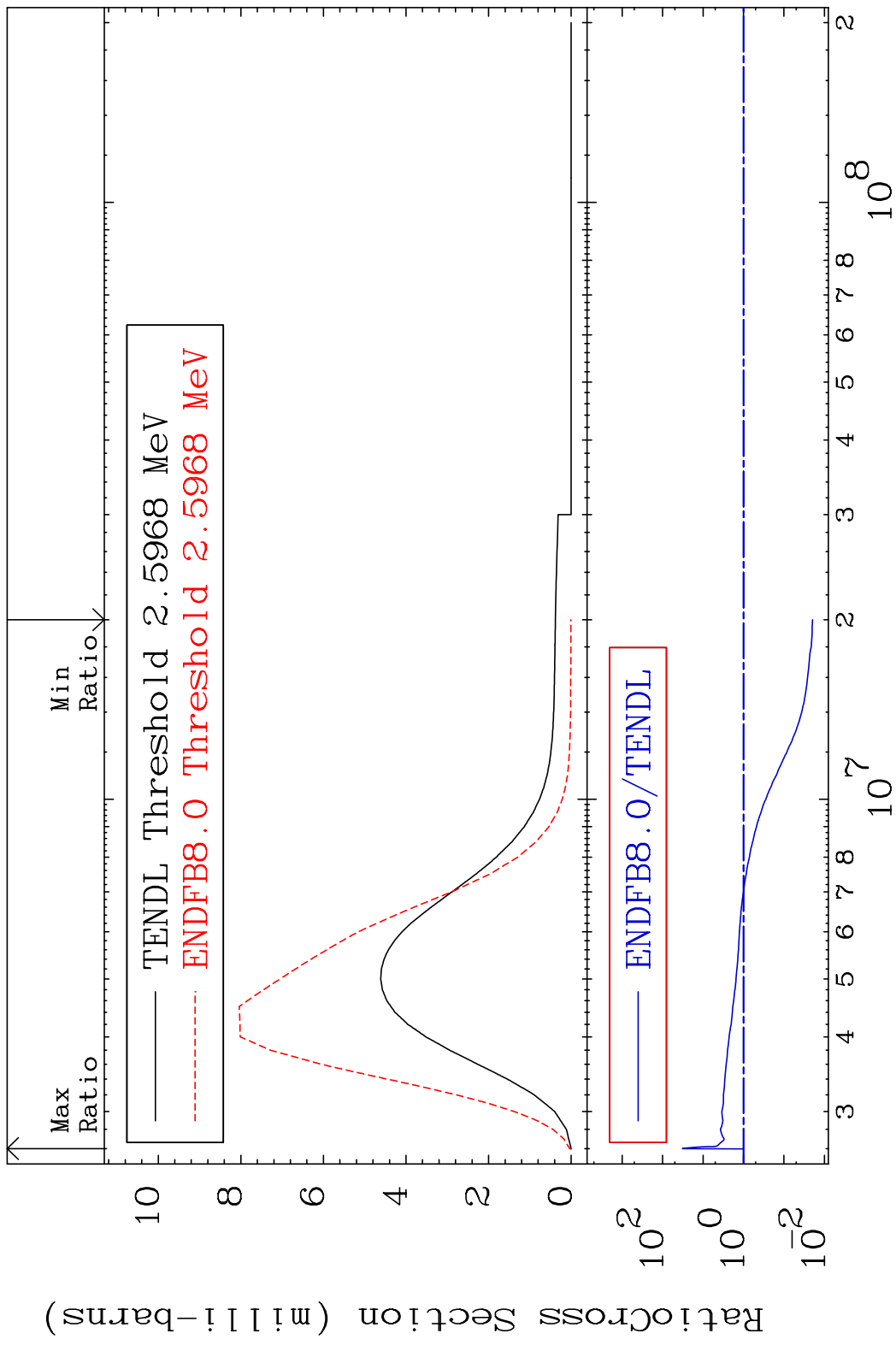


MAT 5261 MT= 66 (n,n') Level 52-Te-132  
 Cross Section -98.56 To 0.000 %

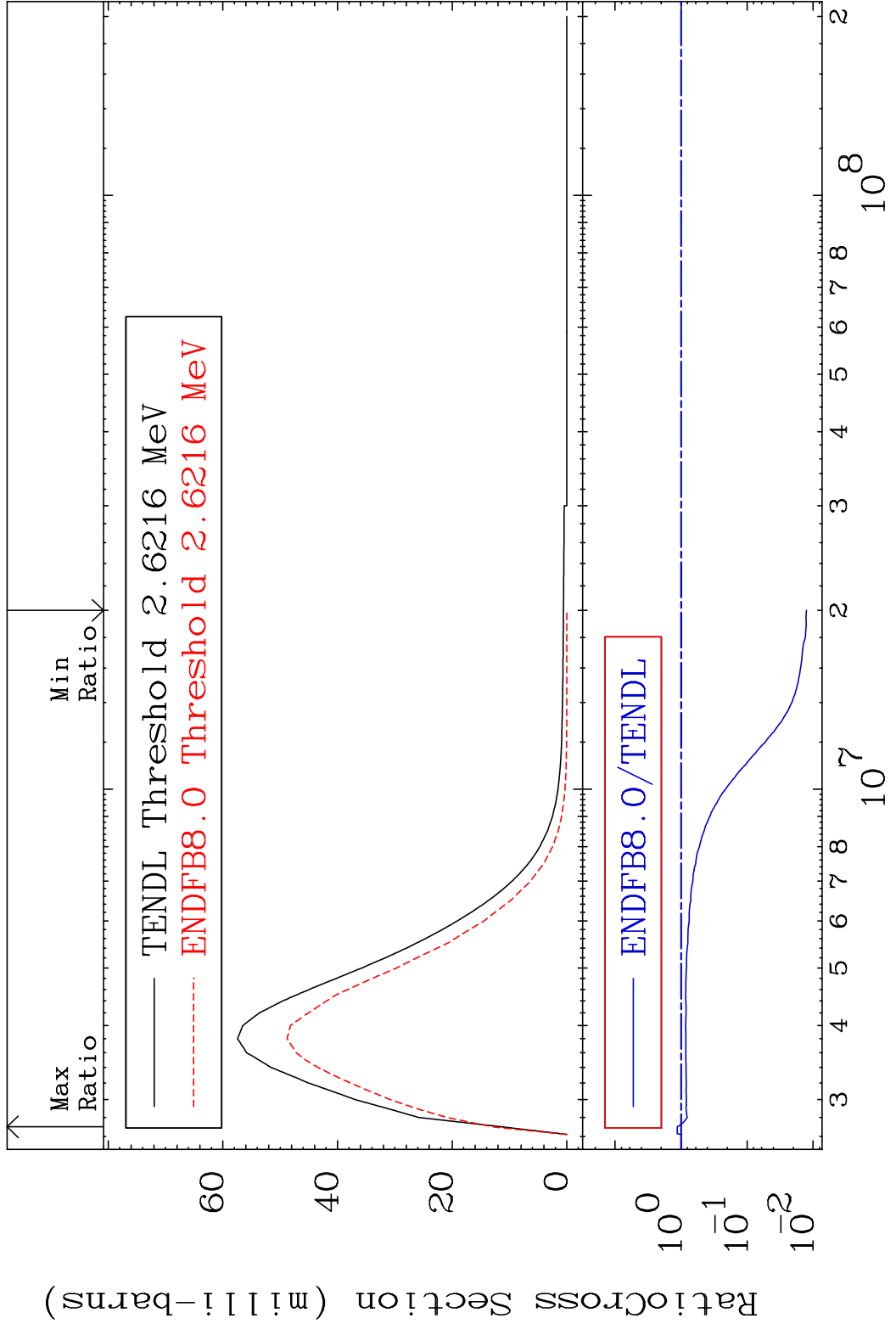




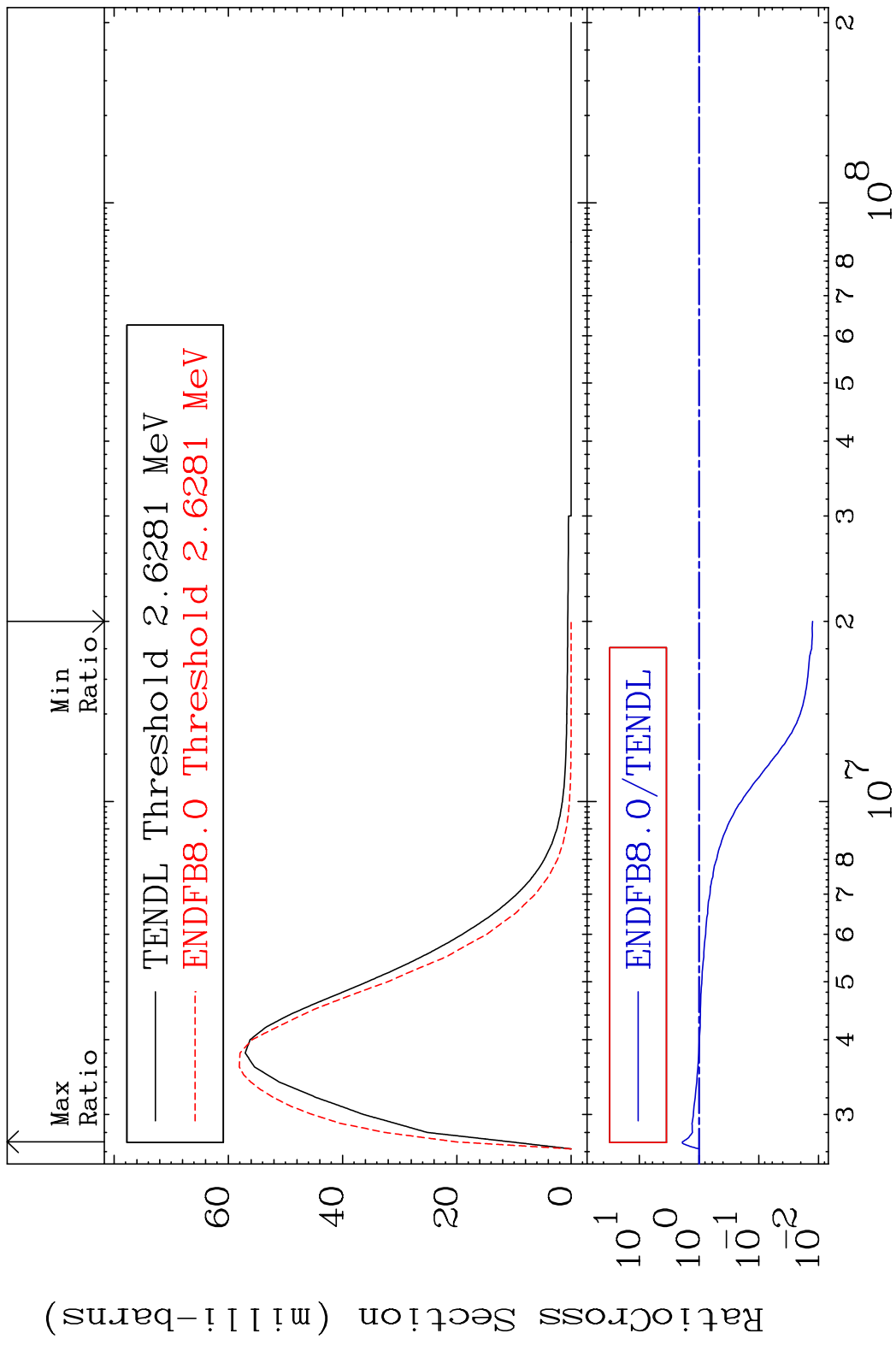
MAT 5261 MT= 67 (n,n') Level 52-Te-132  
 Cross Section -98.04 To 3153. %



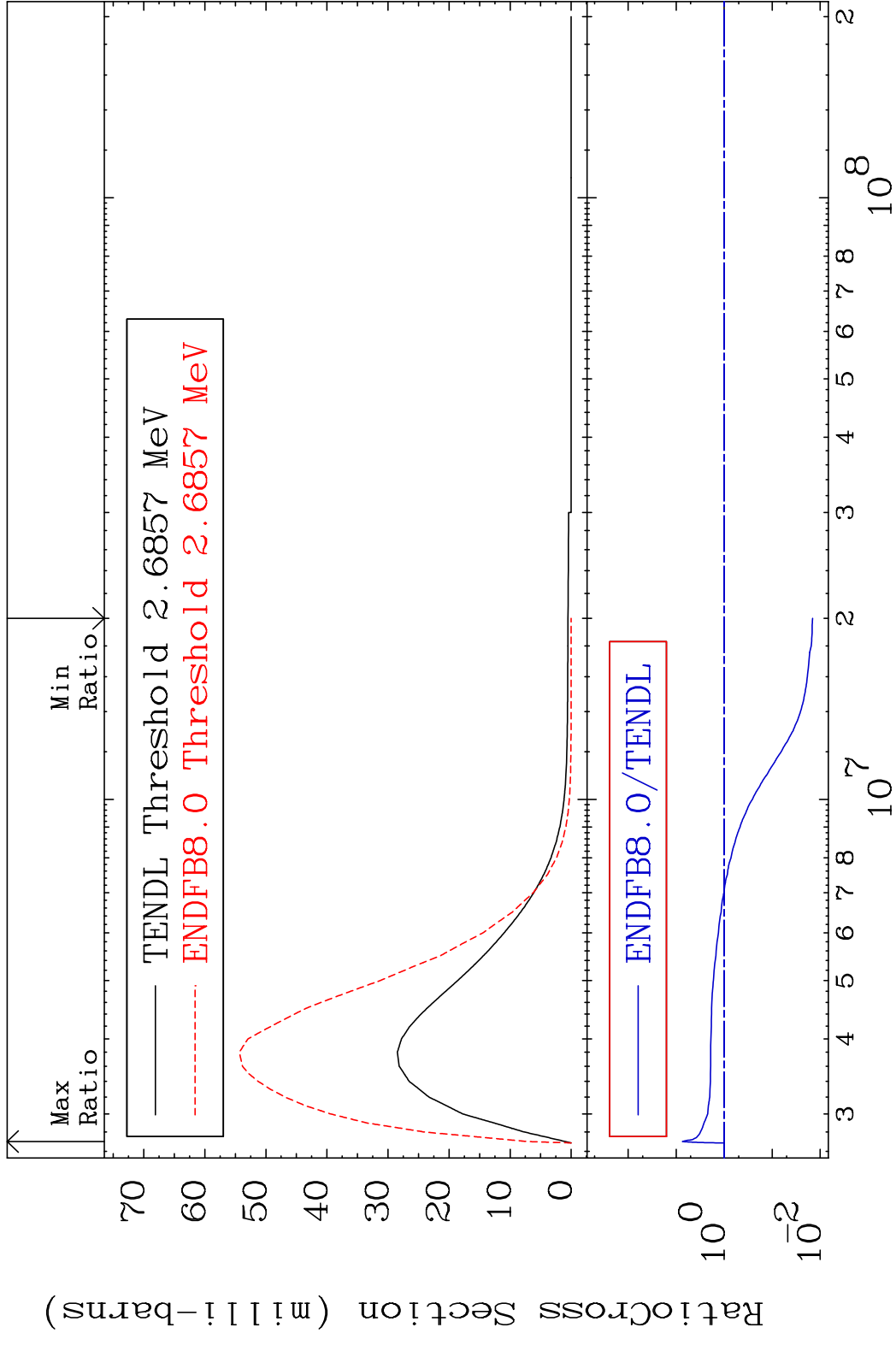
MAT 5261 MT= 68 (n,n') Level 52-Te-132  
 Cross Section -98.74 To 14.61 %



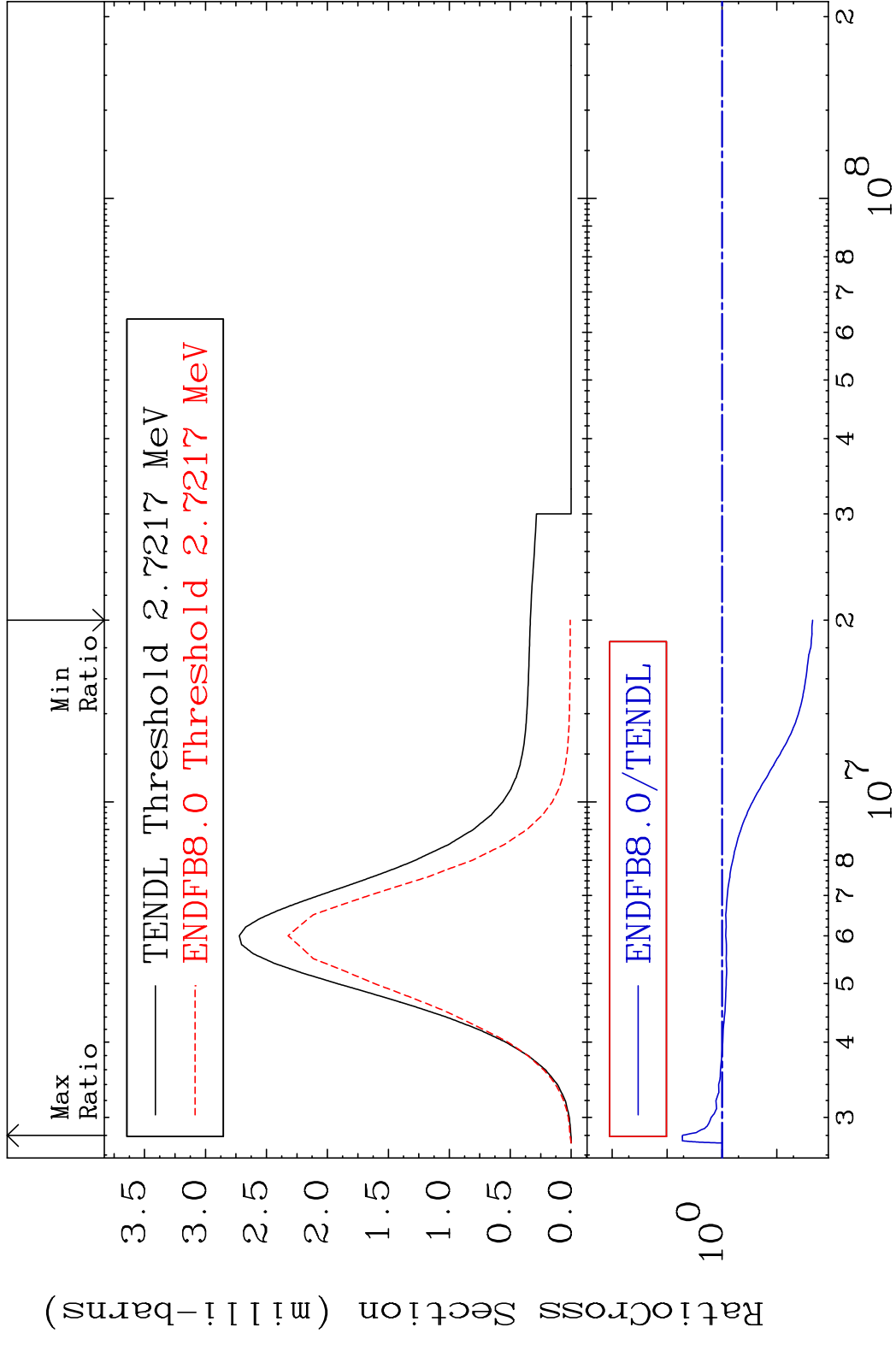
MAT 5261 MT= 69 (n, n') Level 52-Te-132  
 Cross Section -98.74 To 90.77 %



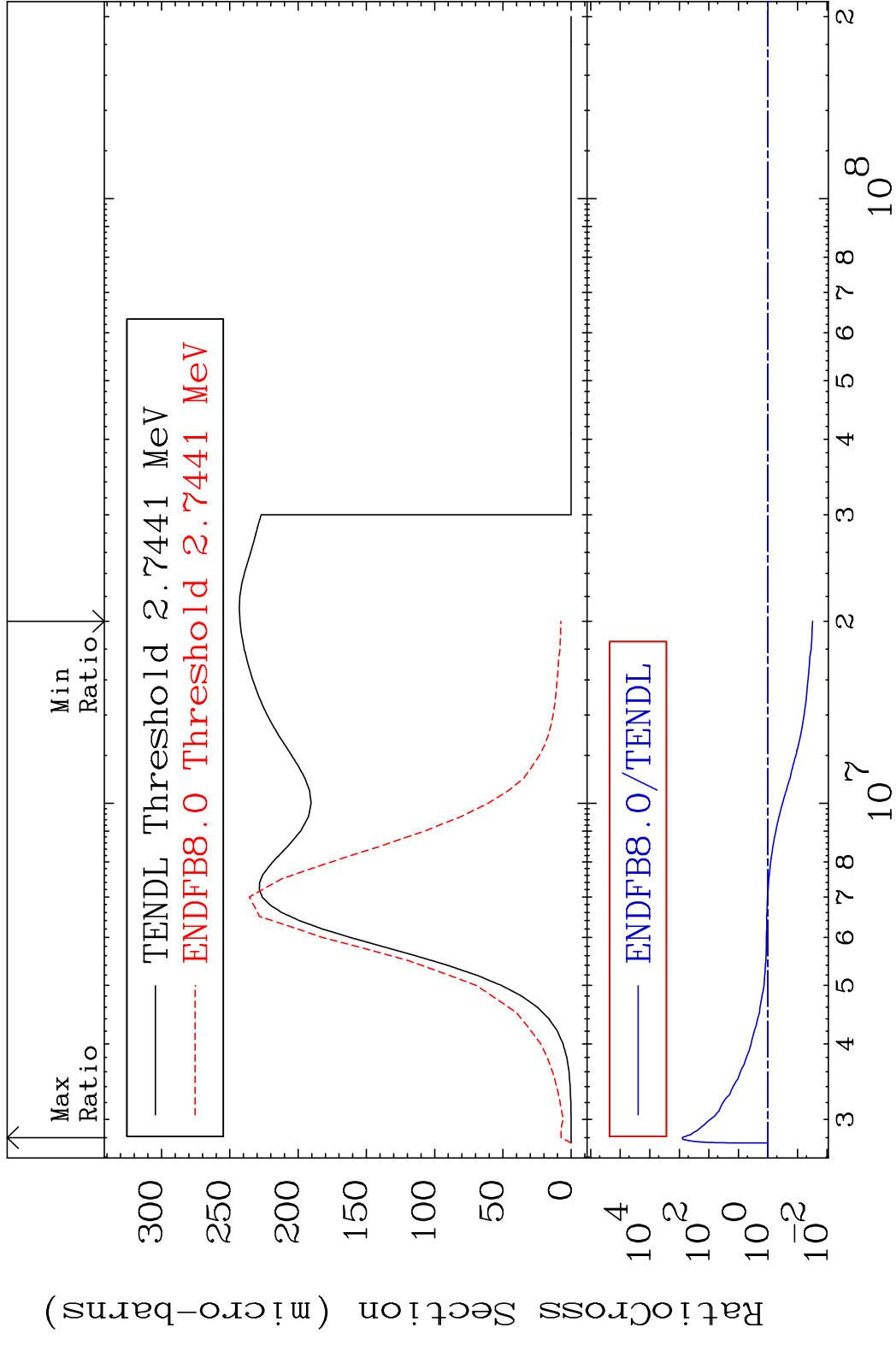
MAT 5261 MT= 70 (n,n') Level 52-Te-132  
 Cross Section -98.56 To 645.2 %



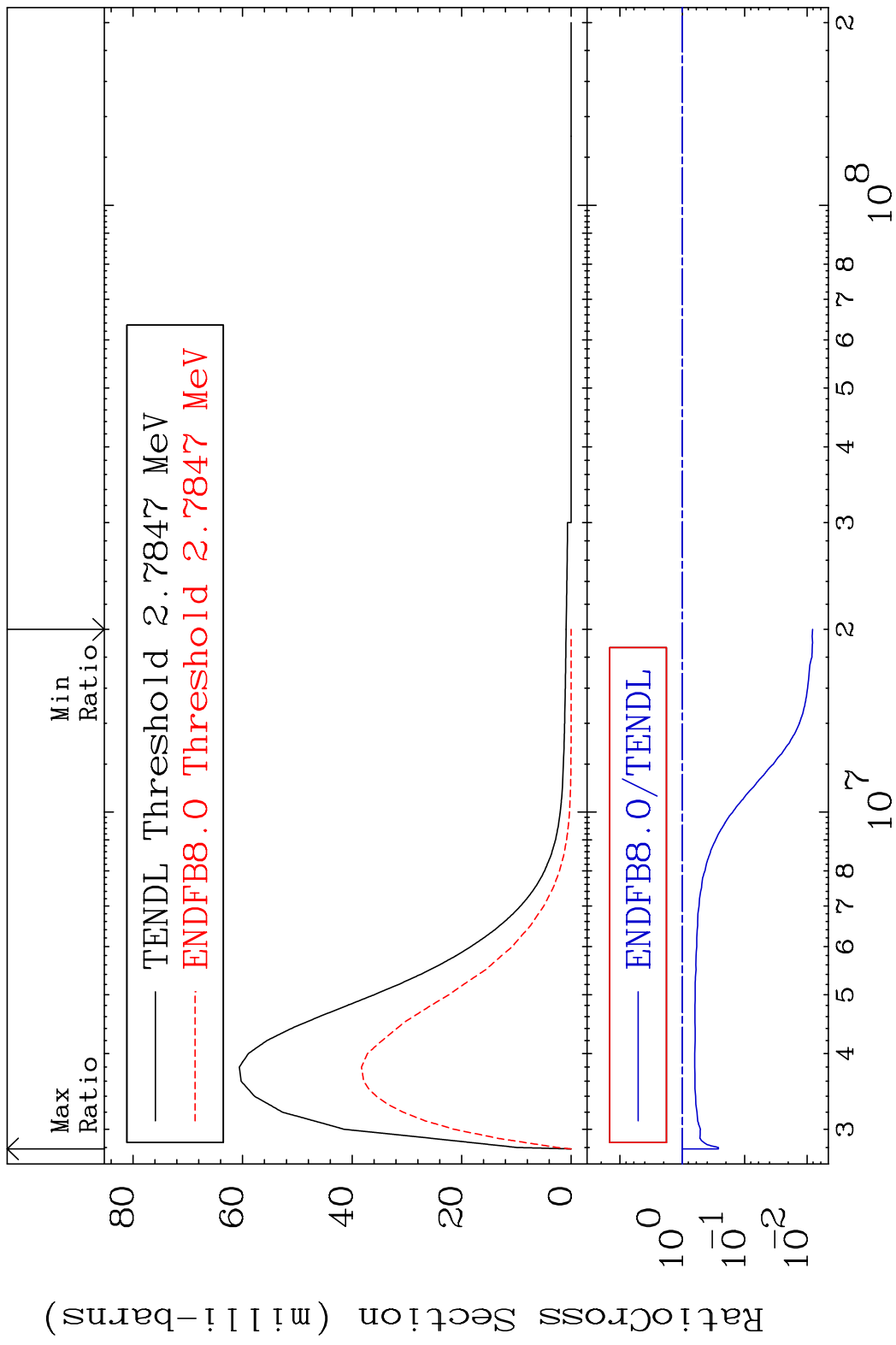
MAT 5261 MT= 71 (n,n') Level 52-Te-132  
 Cross Section -97.76 To 427.2 %



MAT 5261 MT= 72 (n,n') Level 52-Te-132  
 Cross Section -96.91 To 9999. %

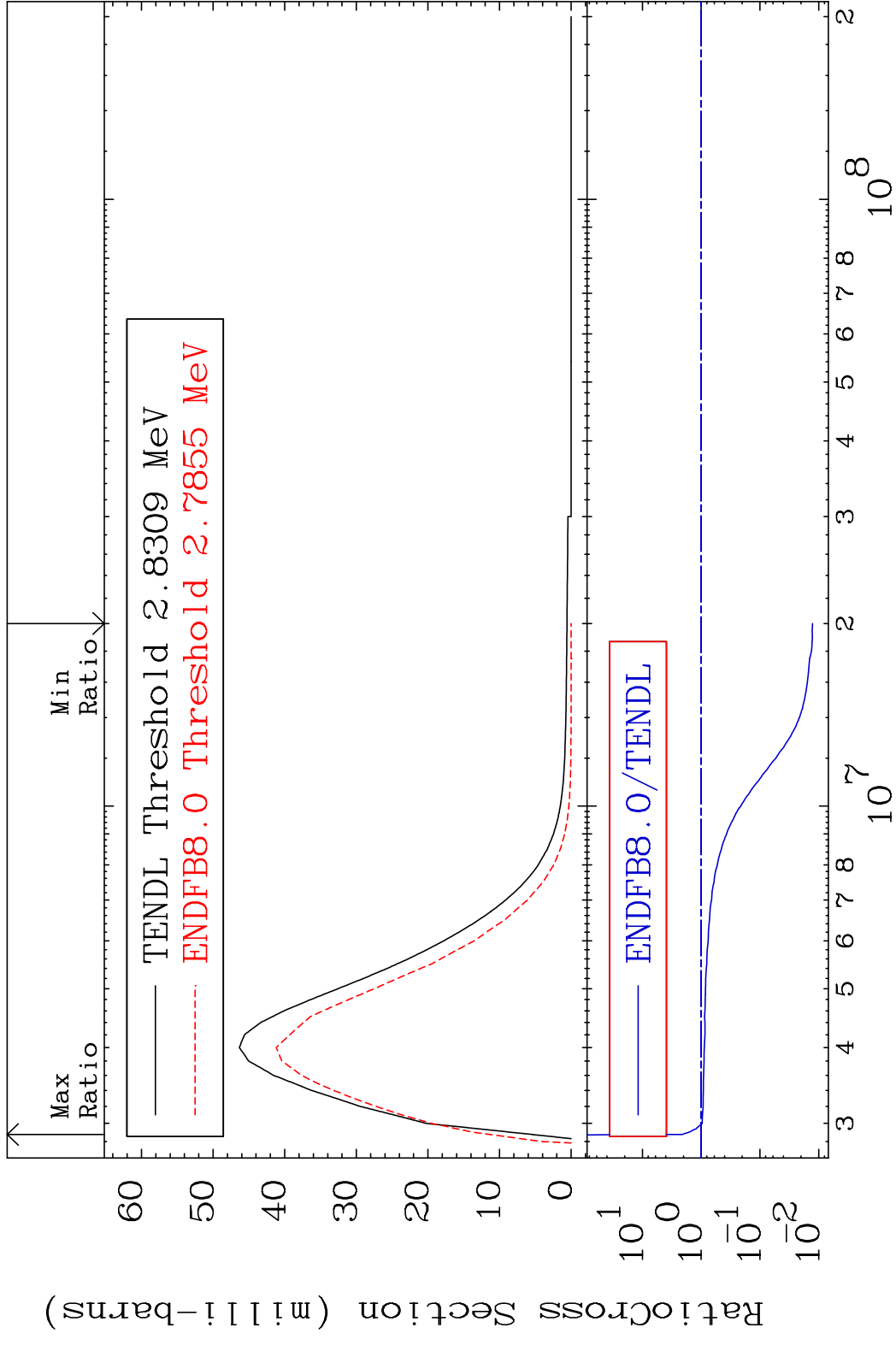


MAT 5261 MT= 73 (n, n') Level 52-Te-132  
 Cross Section -99.18 To 0.000 %



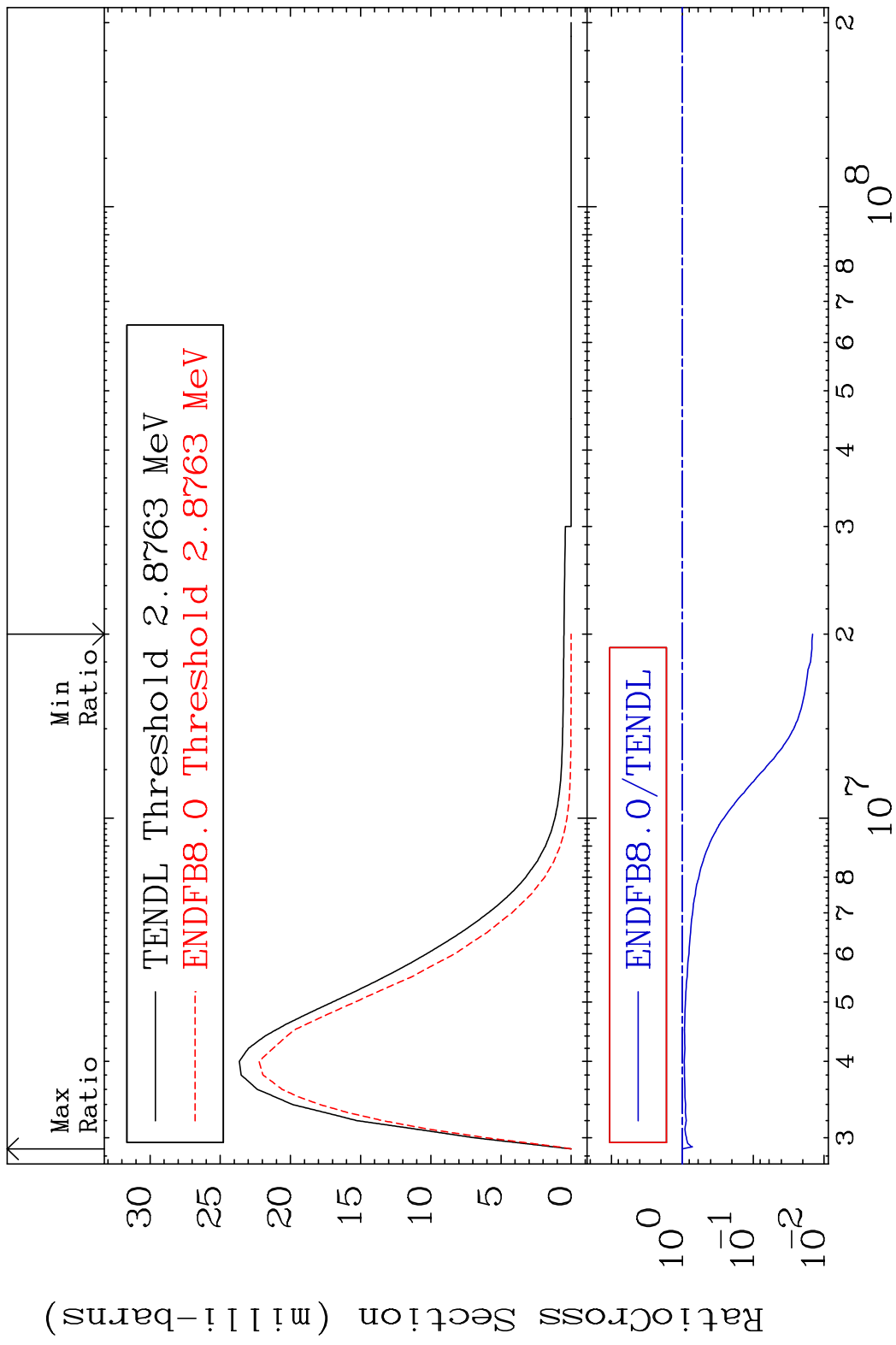
30 Incident Energy (eV) 52-Te-132

MAT 5261 MT= 74 (n,n') Level 52-Te-132  
 Cross Section -98.73 To 108.9 %

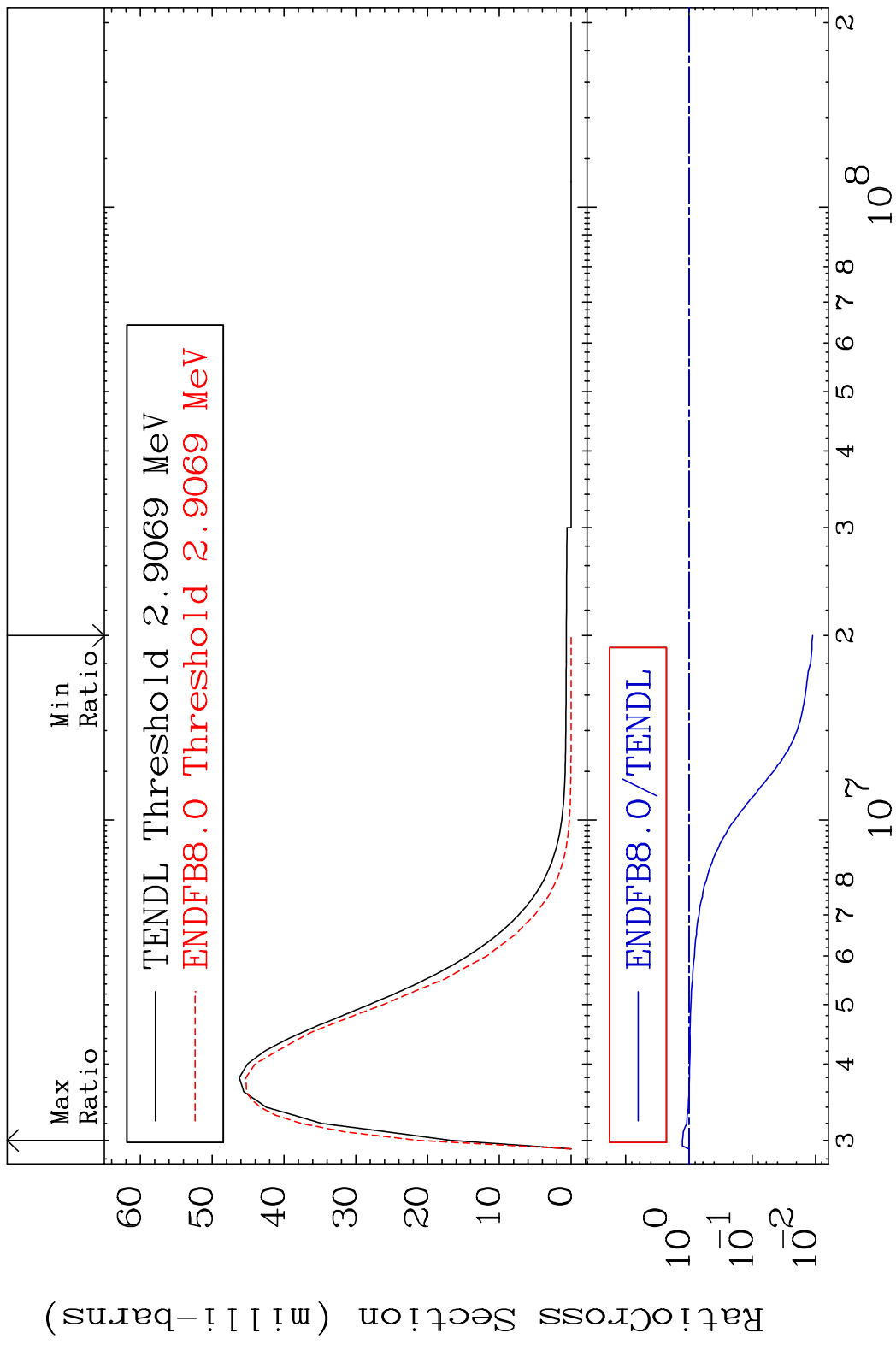




MAT 5261 MT= 75 (n,n') Level 52-Te-132  
 Cross Section -98.55 To 0.000 %

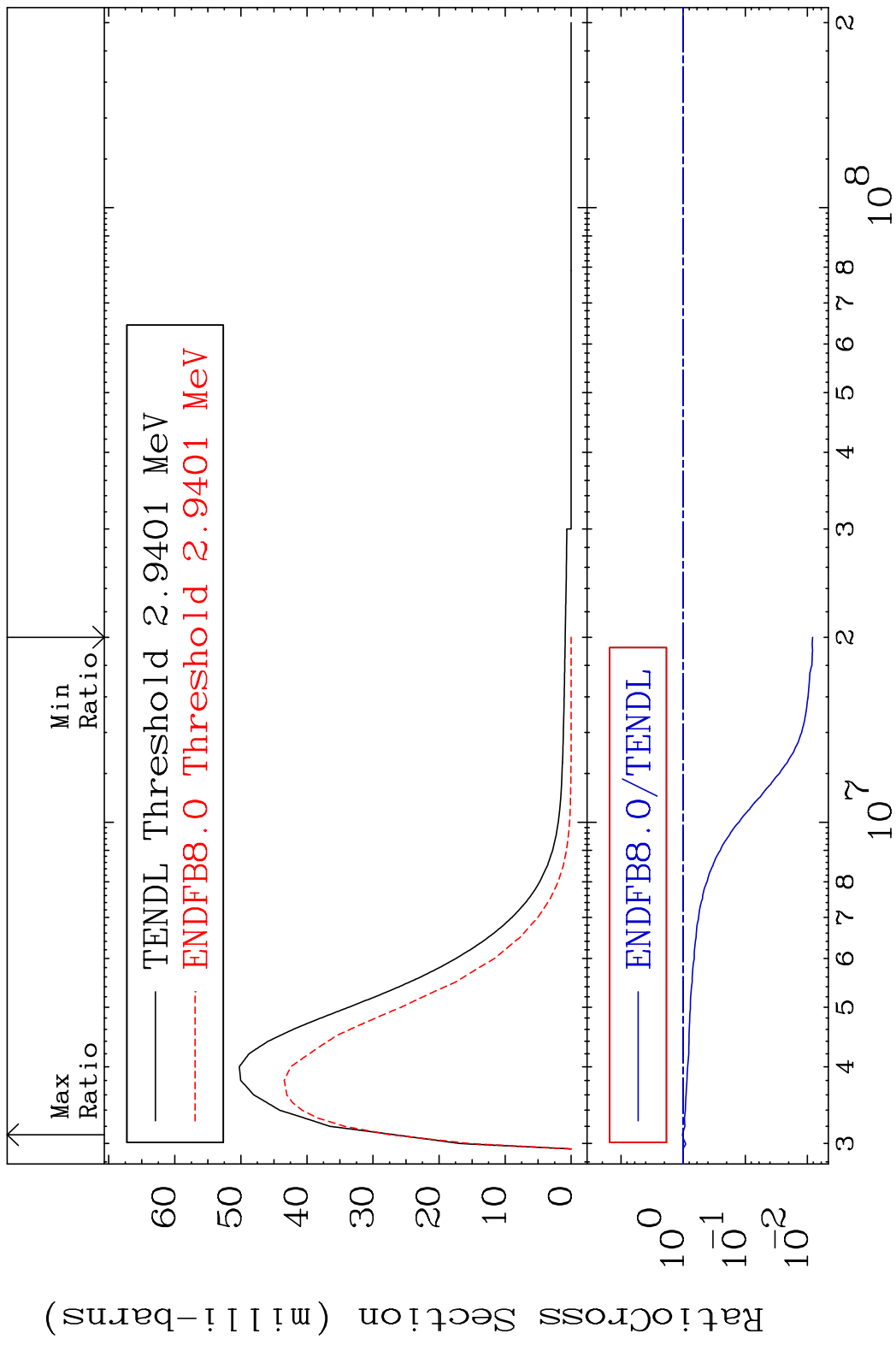


MAT 5261 MT= 76 (n,n') Level 52-Te-132  
 Cross Section -98.89 To 27.14 %

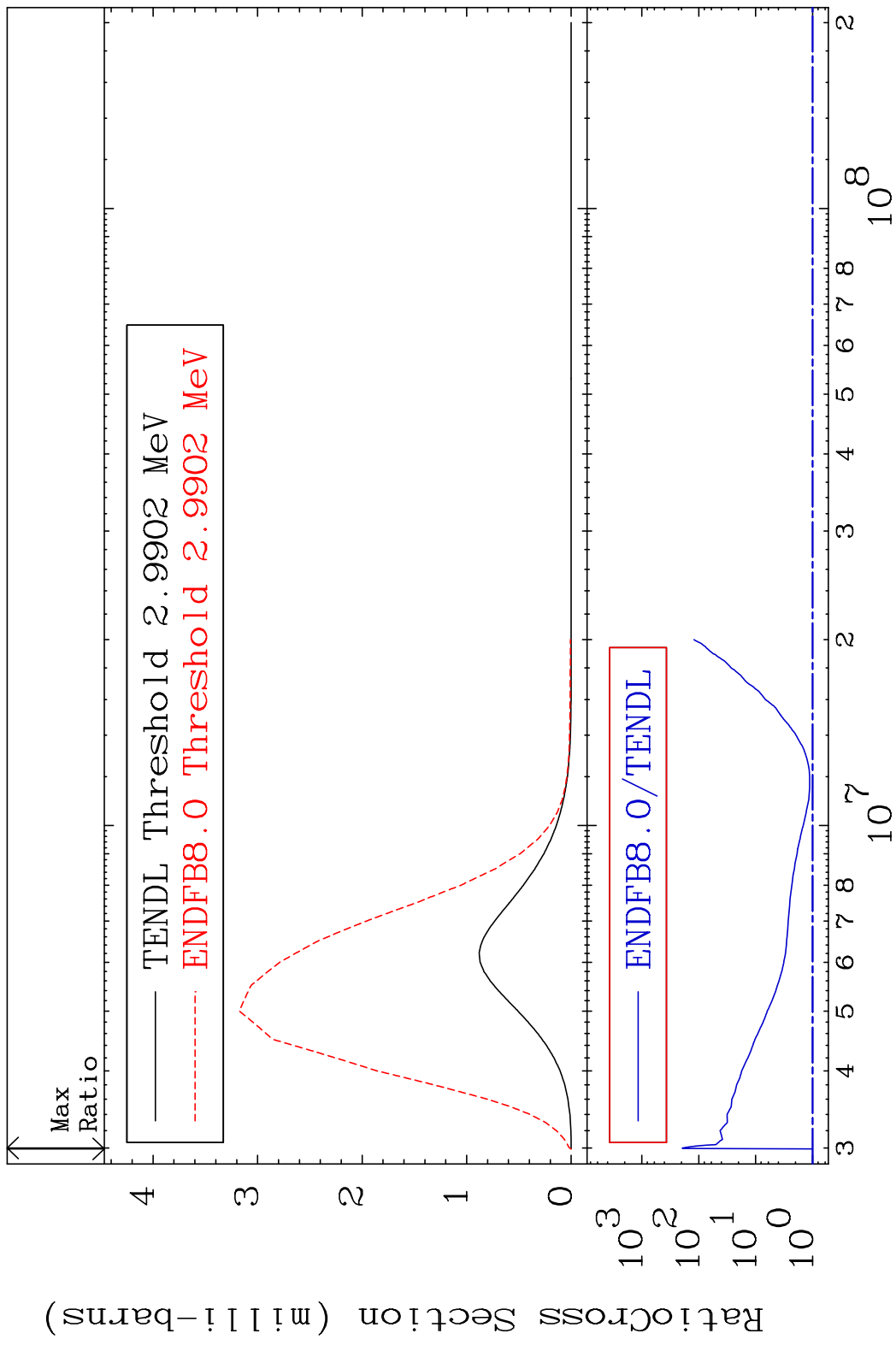


33 Incident Energy (eV) 52-Te-132

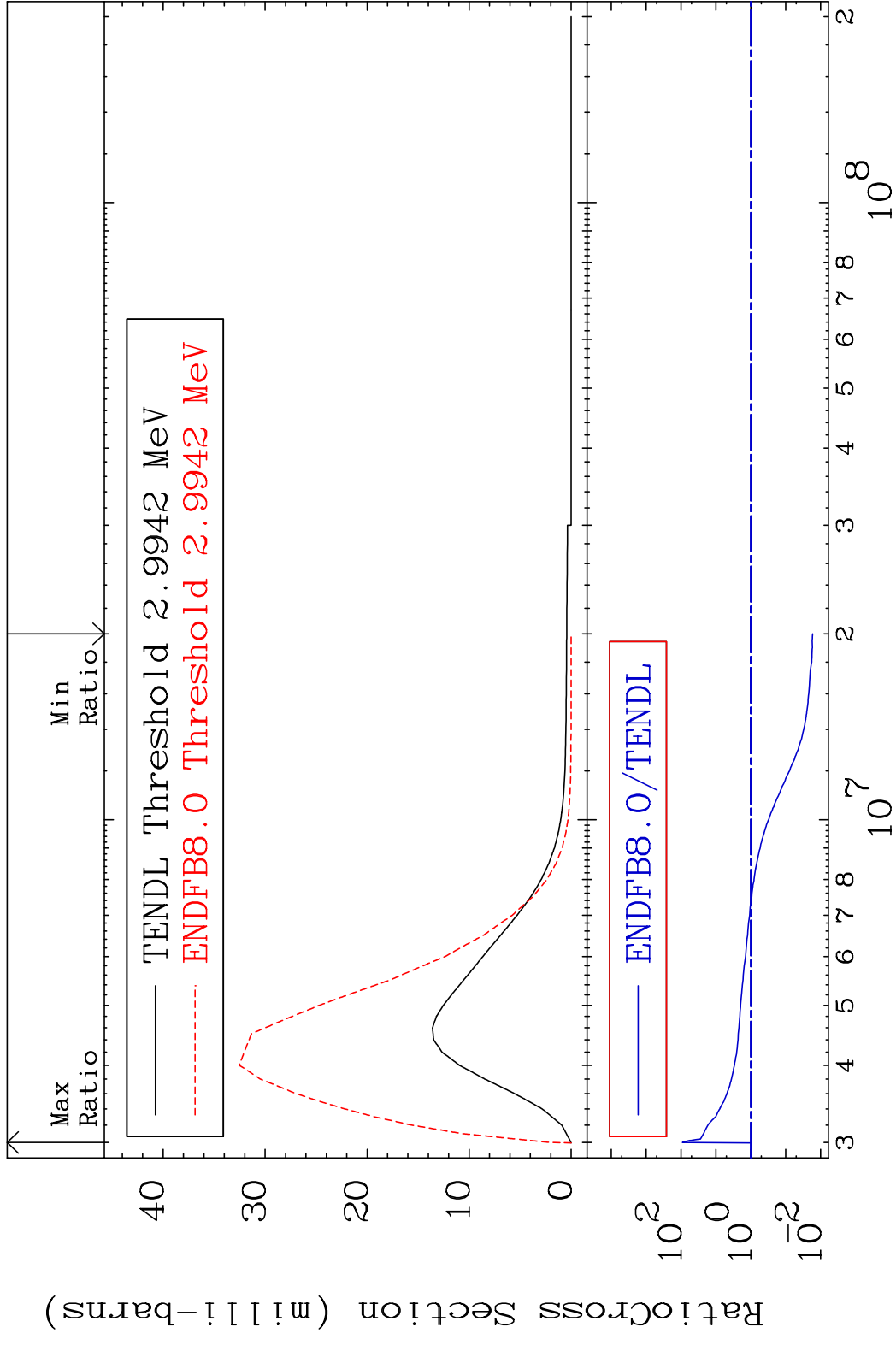
MAT 5261 MT= 77 (n,n') Level 52-Te-132  
 Cross Section -99.17 To 2.857 %



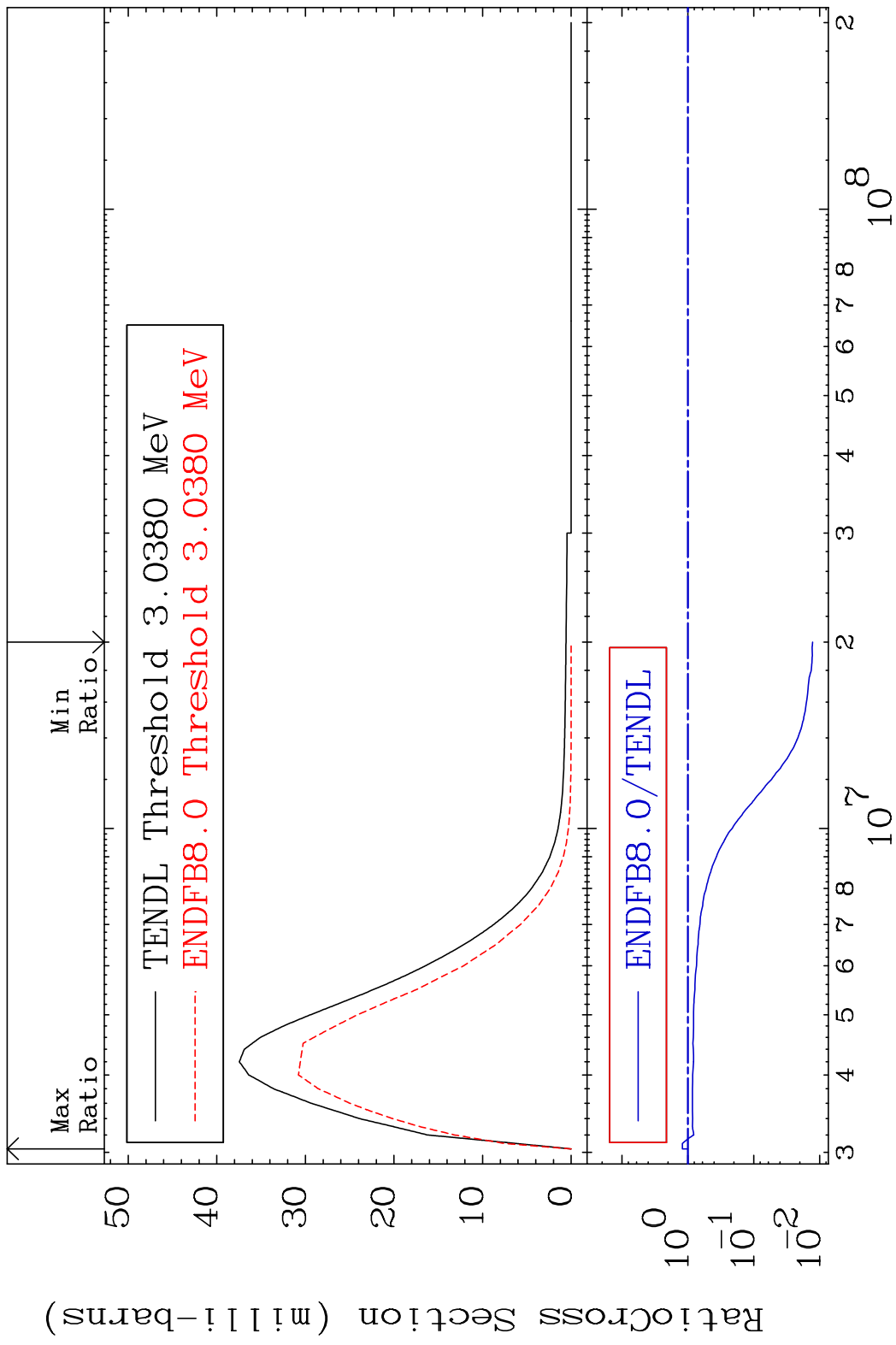
MAT 5261 MT= 78 (n,n') Level 52-Te-132  
 Cross Section 0.000 To 9999. %



MAT 5261 MT= 79 (n,n') Level 52-Te-132  
 Cross Section -98.30 To 9096. %



MAT 5261 MT= 80 (n,n') Level 52-Te-132  
 Cross Section -98.72 To 20.99 %

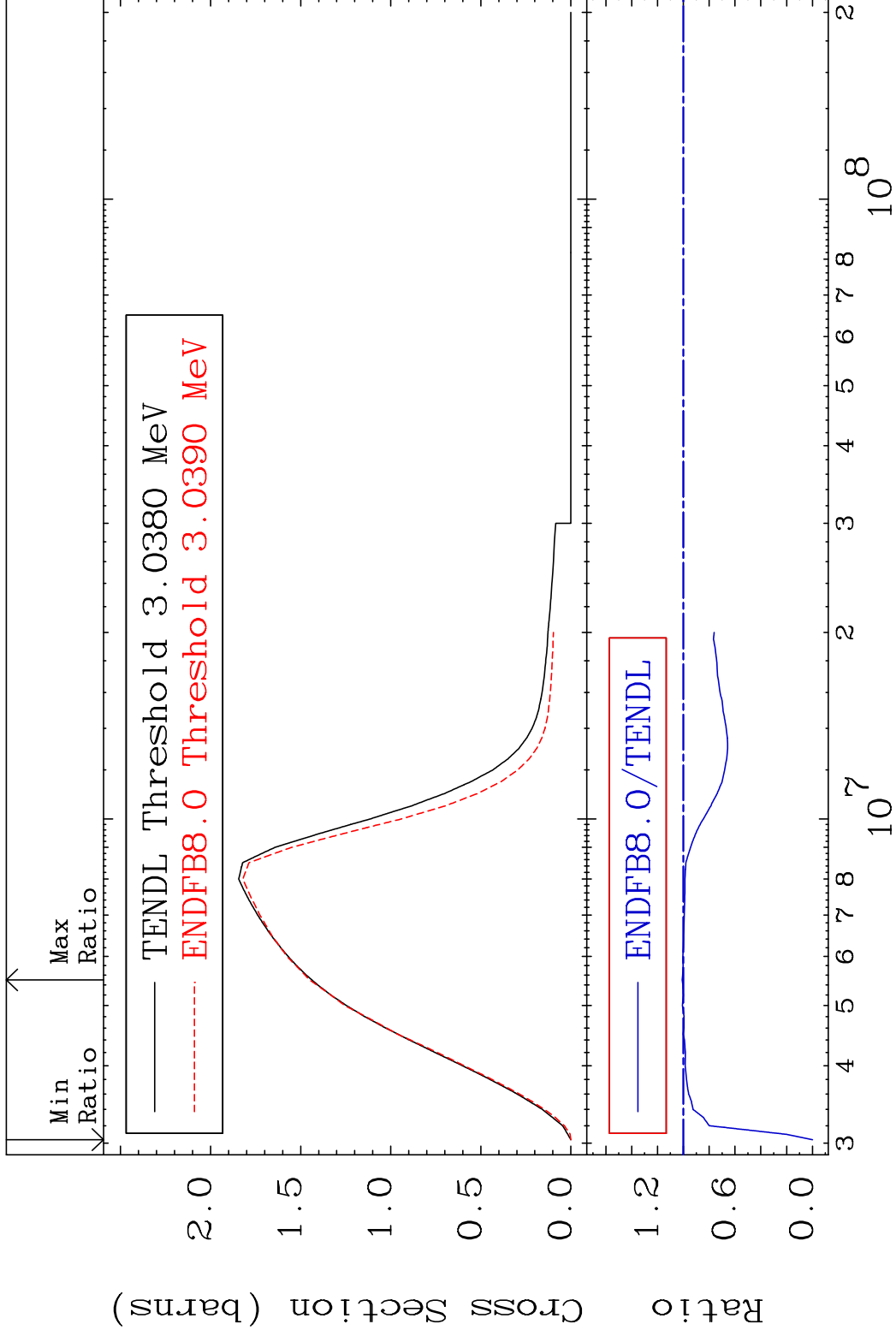


MAT 5261

(n, n') Continuum

52-Te-132

Cross Section -100.0 To 0.914 %



38

Incident Energy (eV)

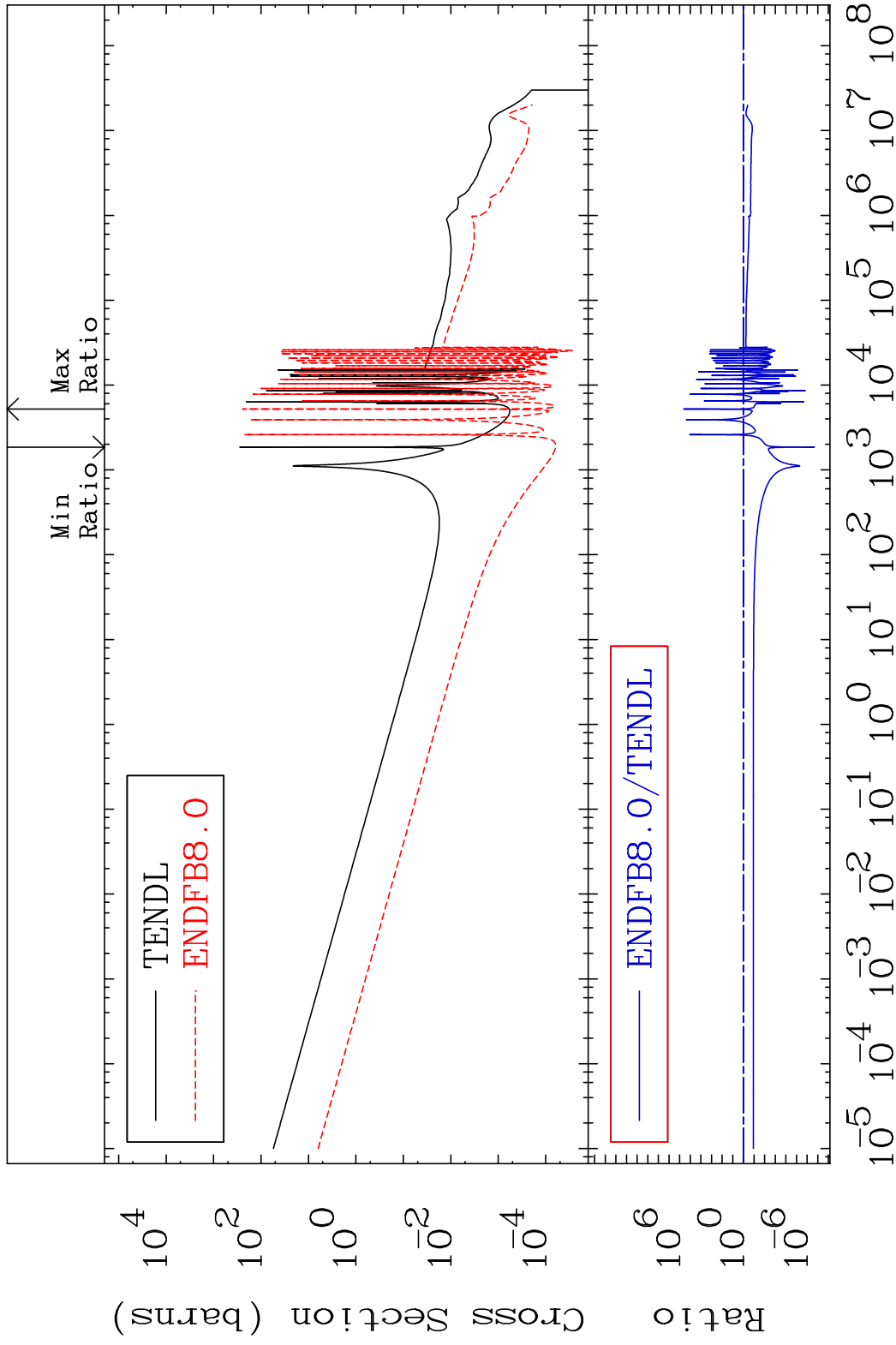
52-Te-132

MAT 5261

(n,  $\gamma$ )

52-Te-132

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

52-Te-132

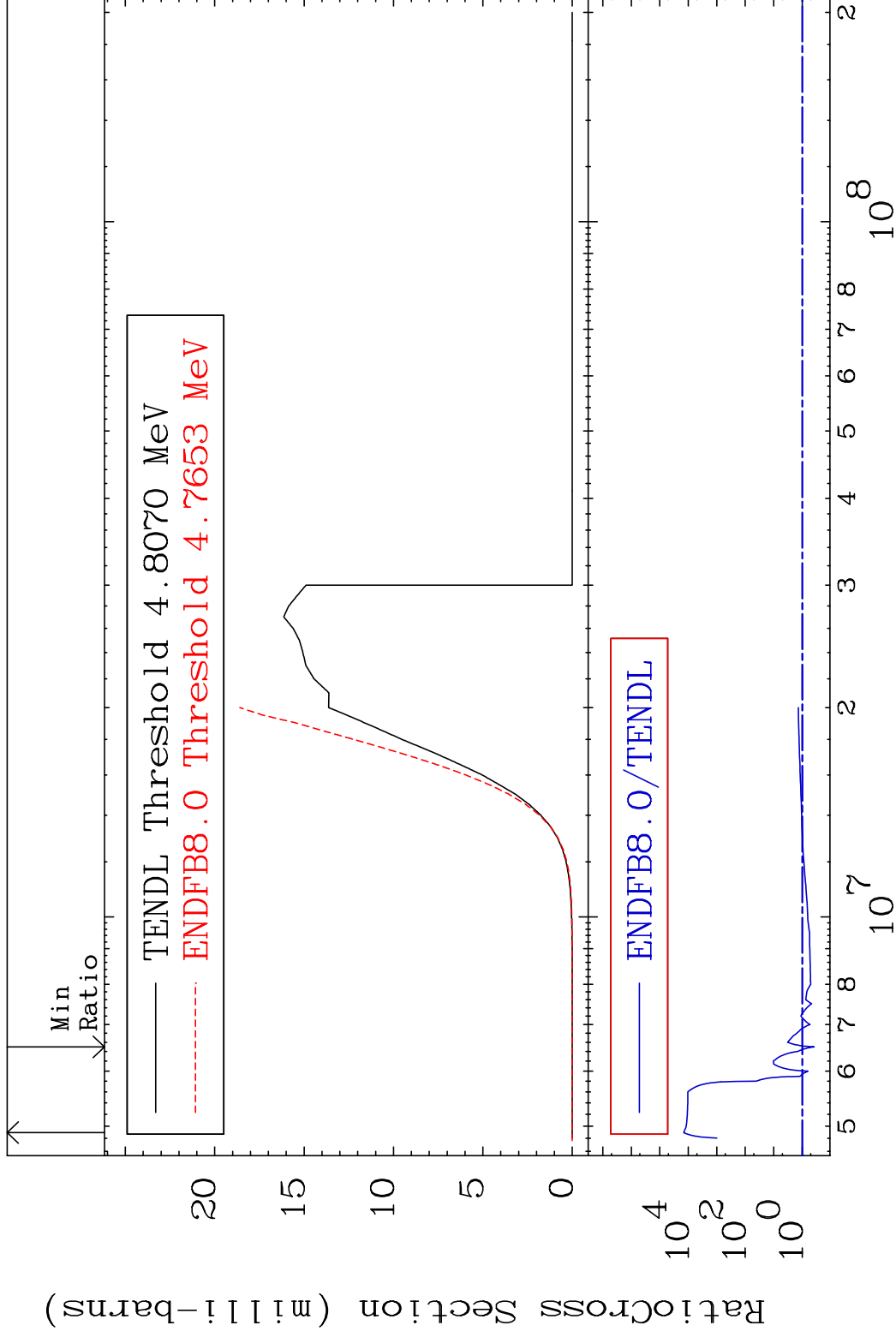


MAT 5261

(n,p)

52-Te-132

Cross Section -61.76 To 9999. %



40

Incident Energy (eV)

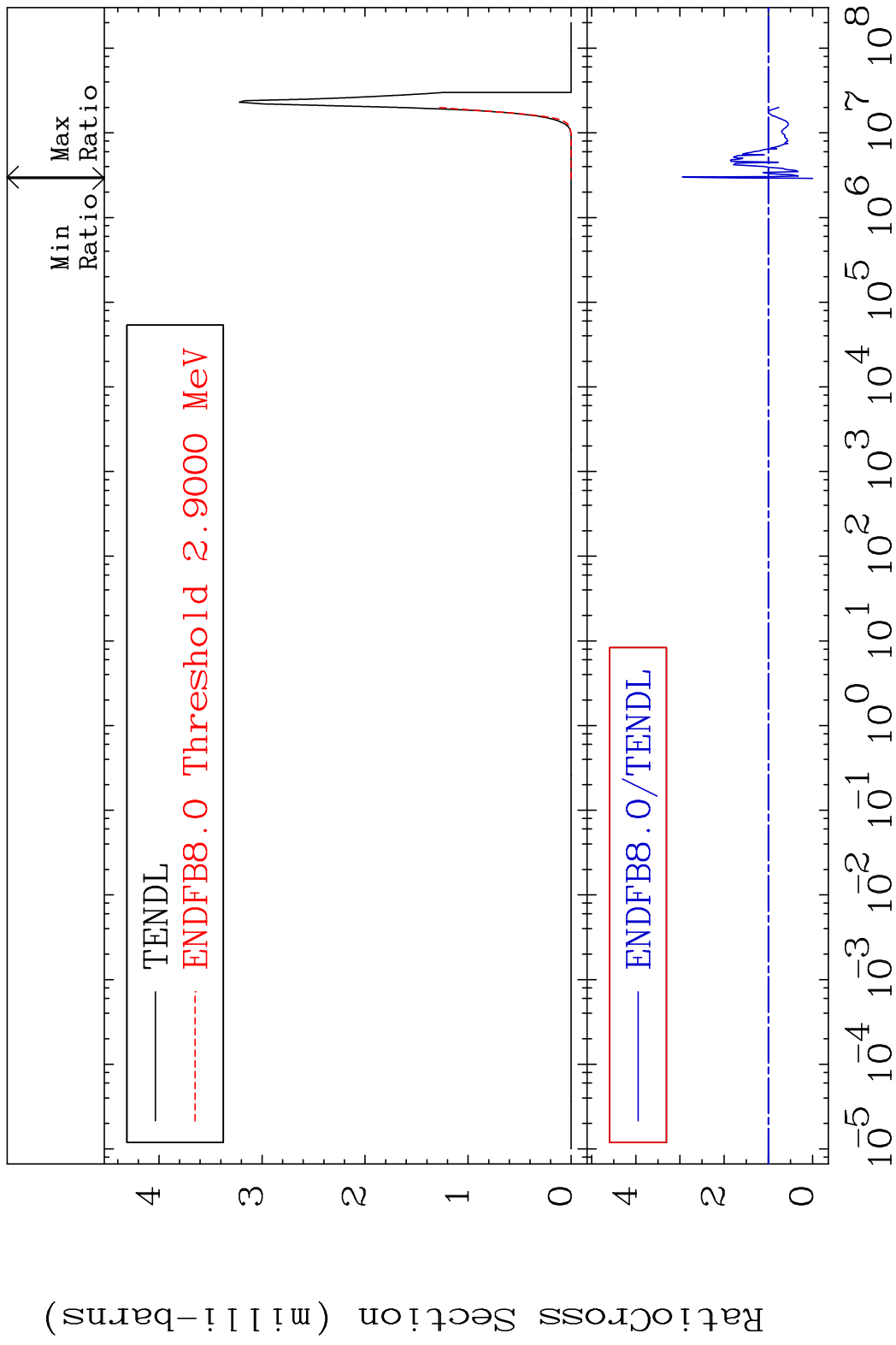
52-Te-132

MAT 5261

(n,  $\alpha$ )

52-Te-132

Cross Section -100.0 To 194.6 %

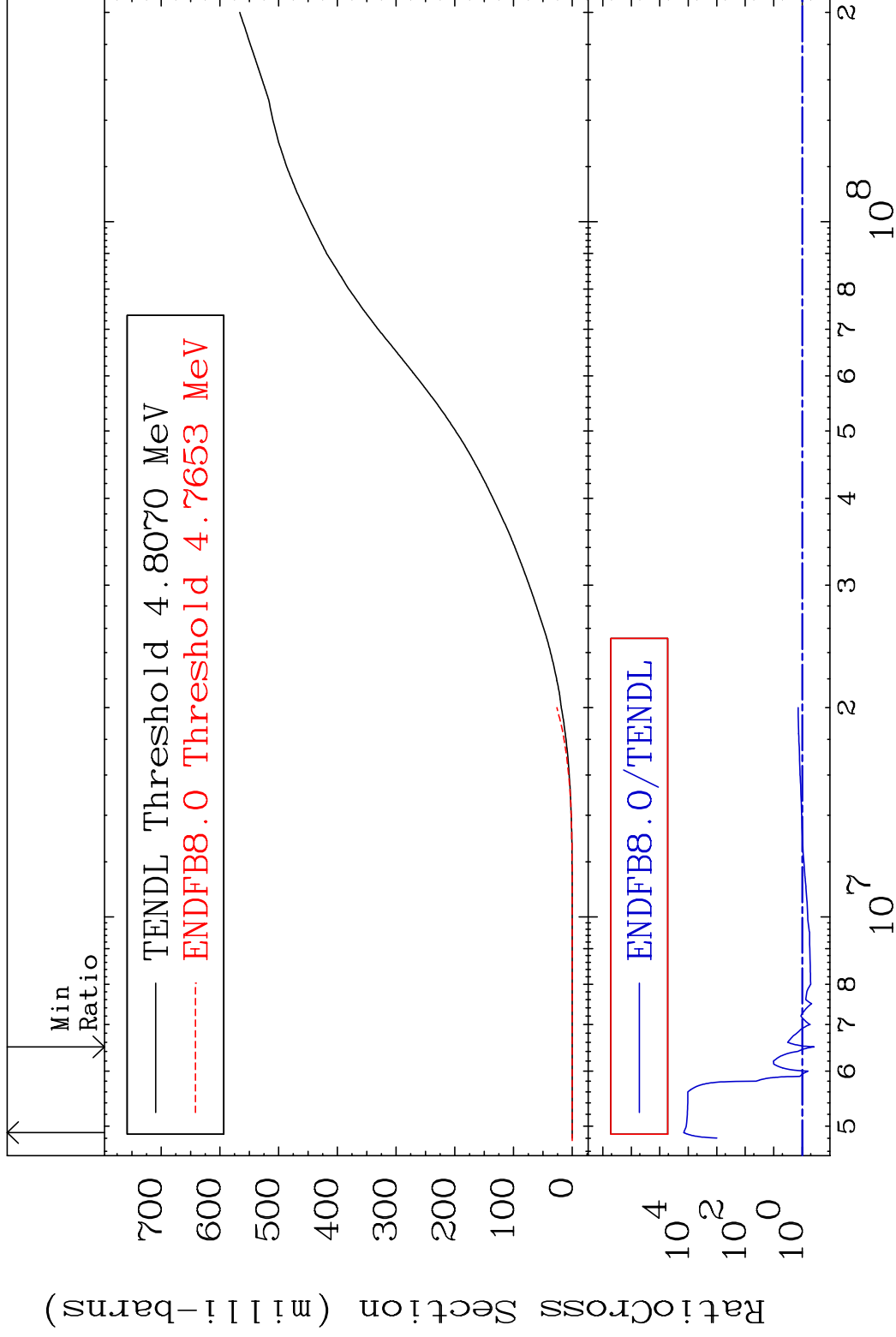


MAT 5261

Hydrogen Production

52-Te-132

Cross Section -61.76 To 9999. %



42

Incident Energy (eV)

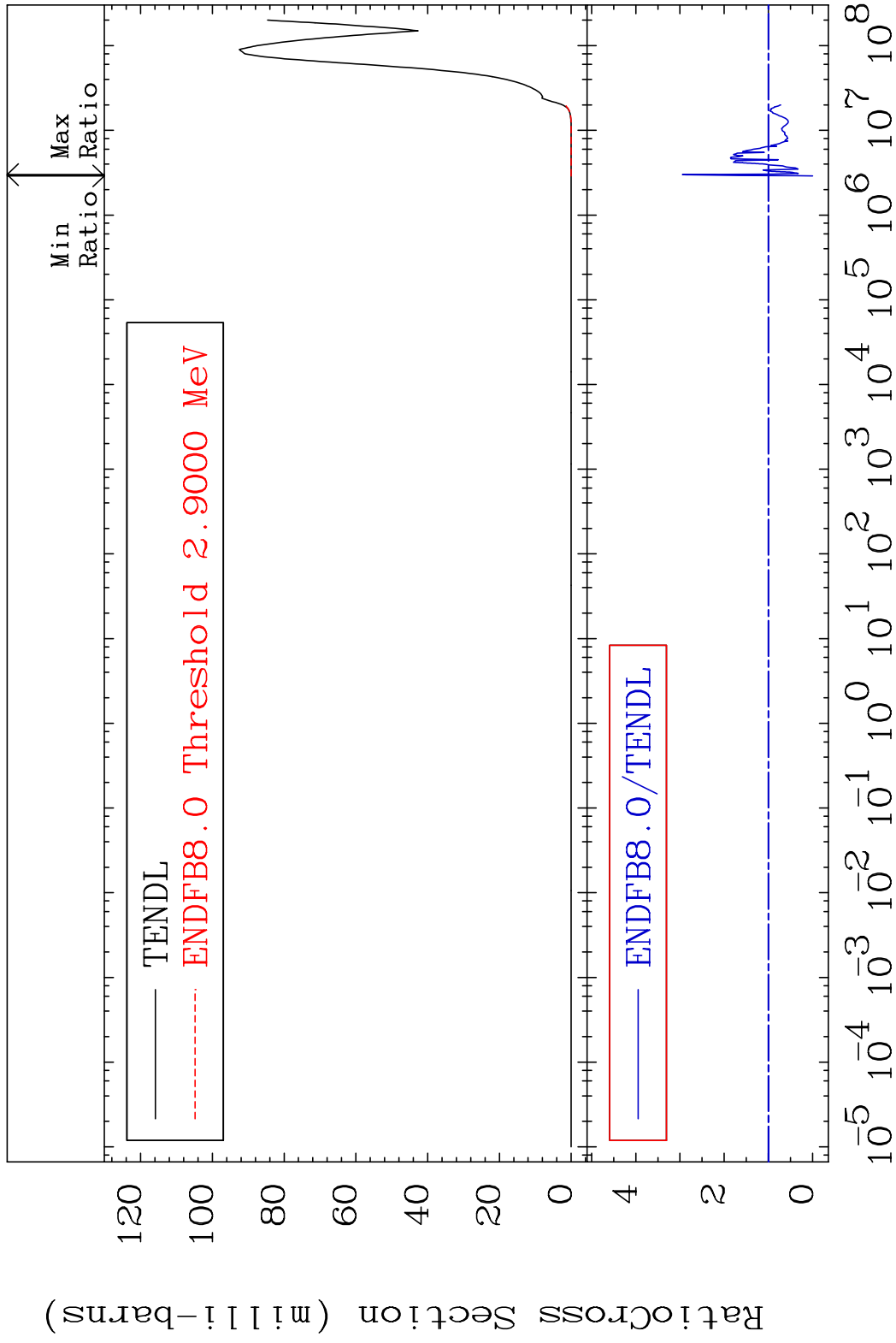
52-Te-132

MAT 5261

He-4 Production

52-Te-132

Cross Section -100.0 To 194.6 %

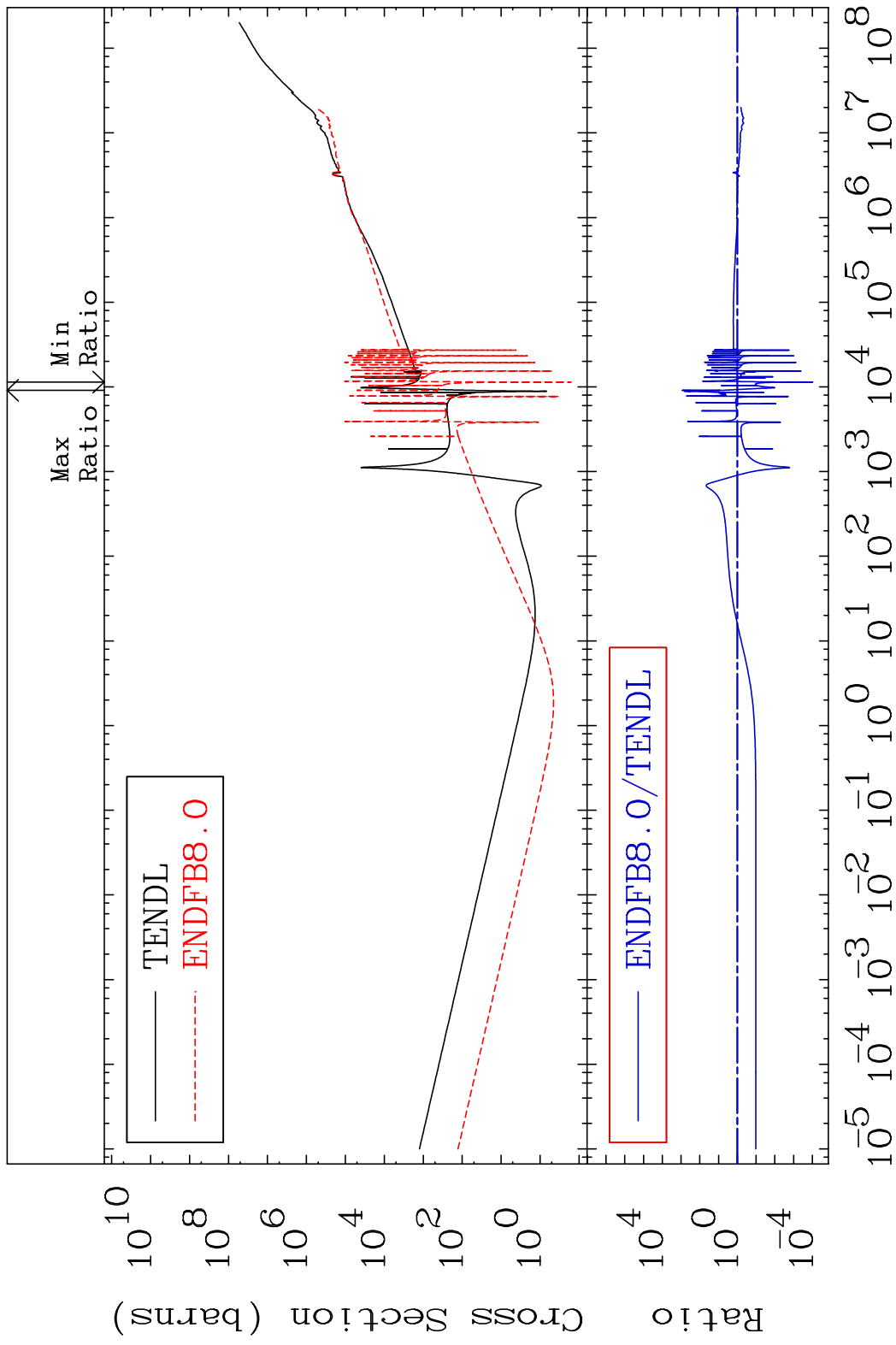


43

Incident Energy (eV)

52-Te-132

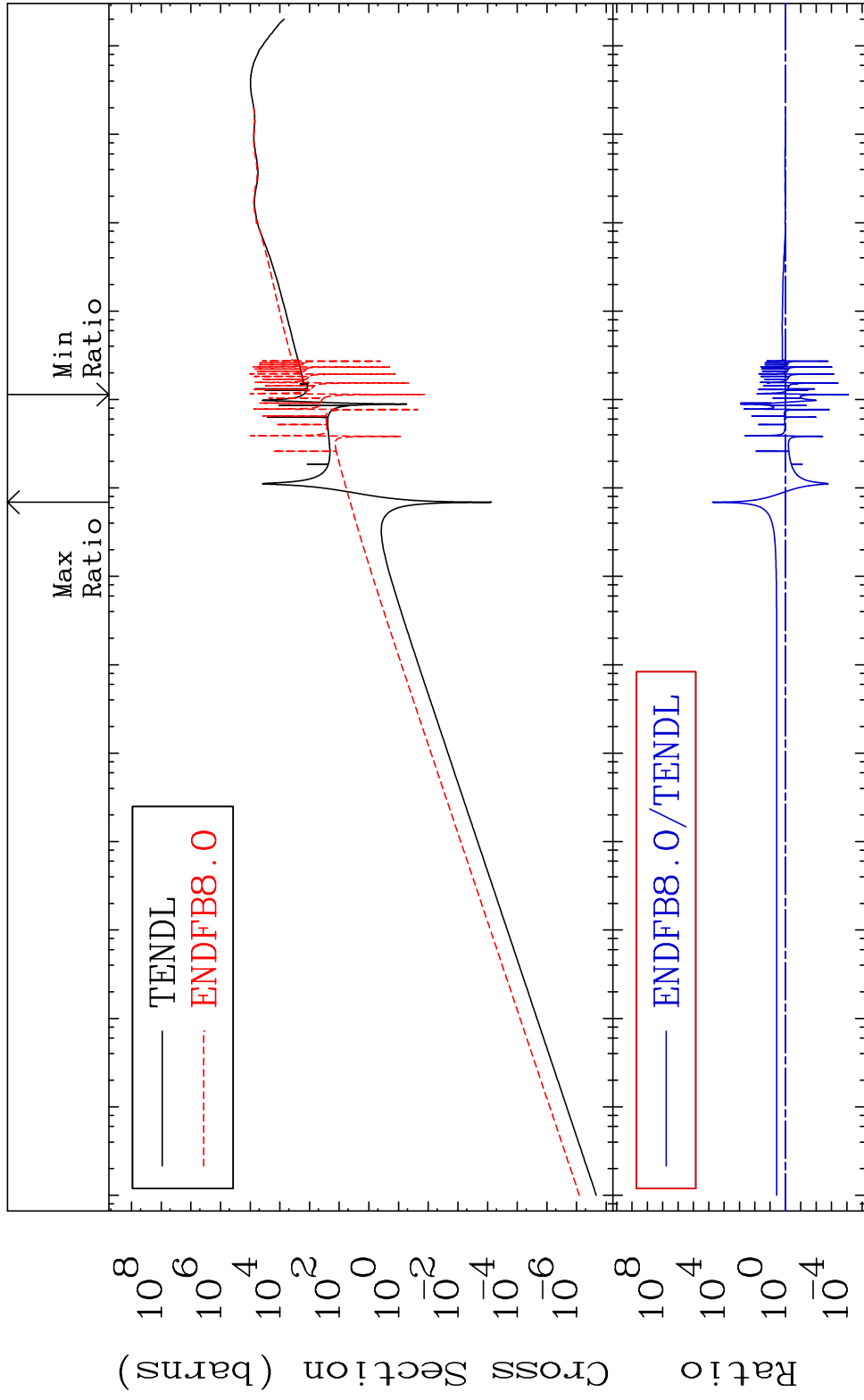
MAT 5261 Kerma total (eV-barns) 52-Te-132  
 Cross Section -99.99 To 9999. %



MAT 5261

Kerma elastic  
Cross Section

52-Te-132  
-99.99 To 9999. %

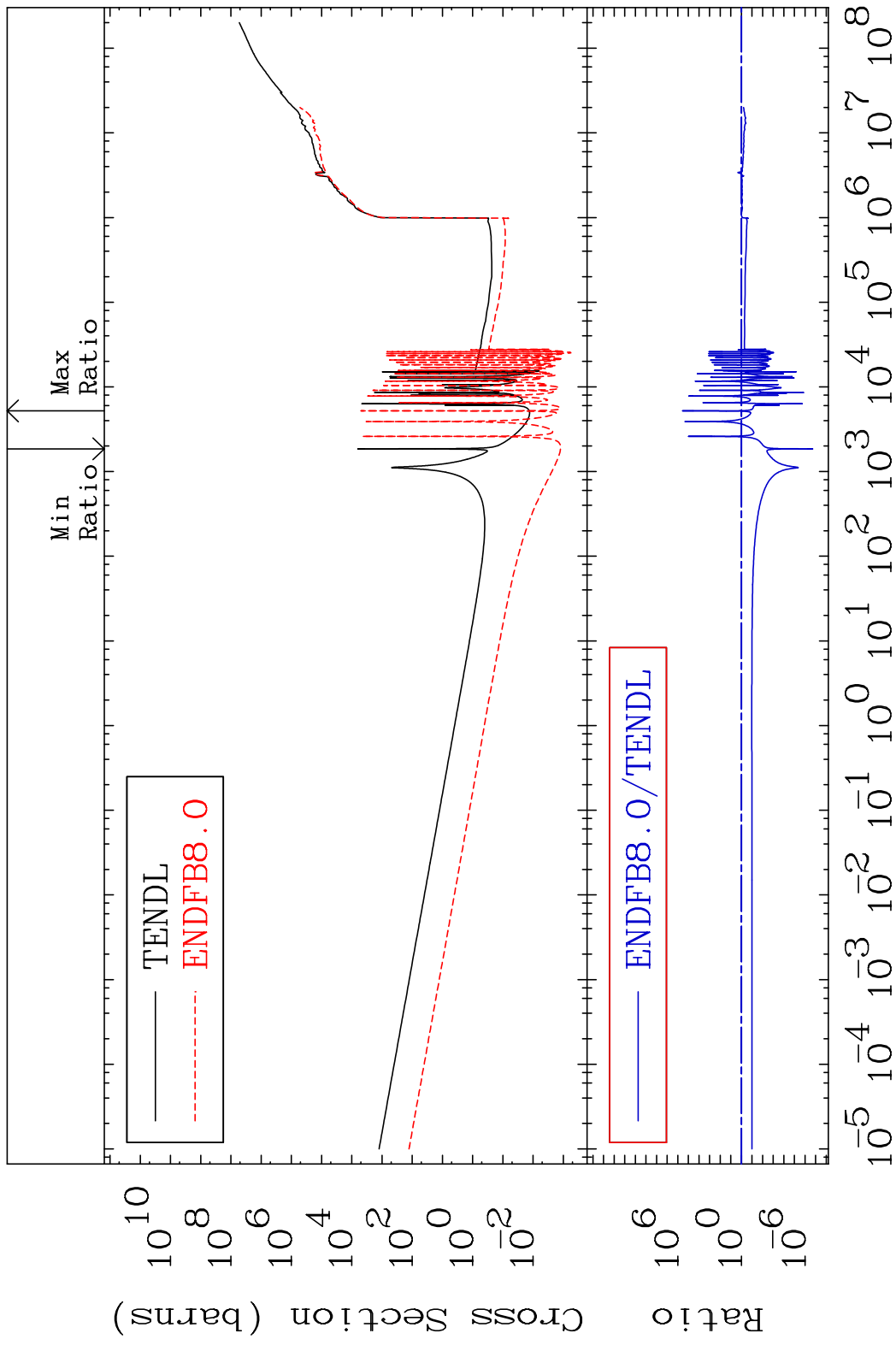


45

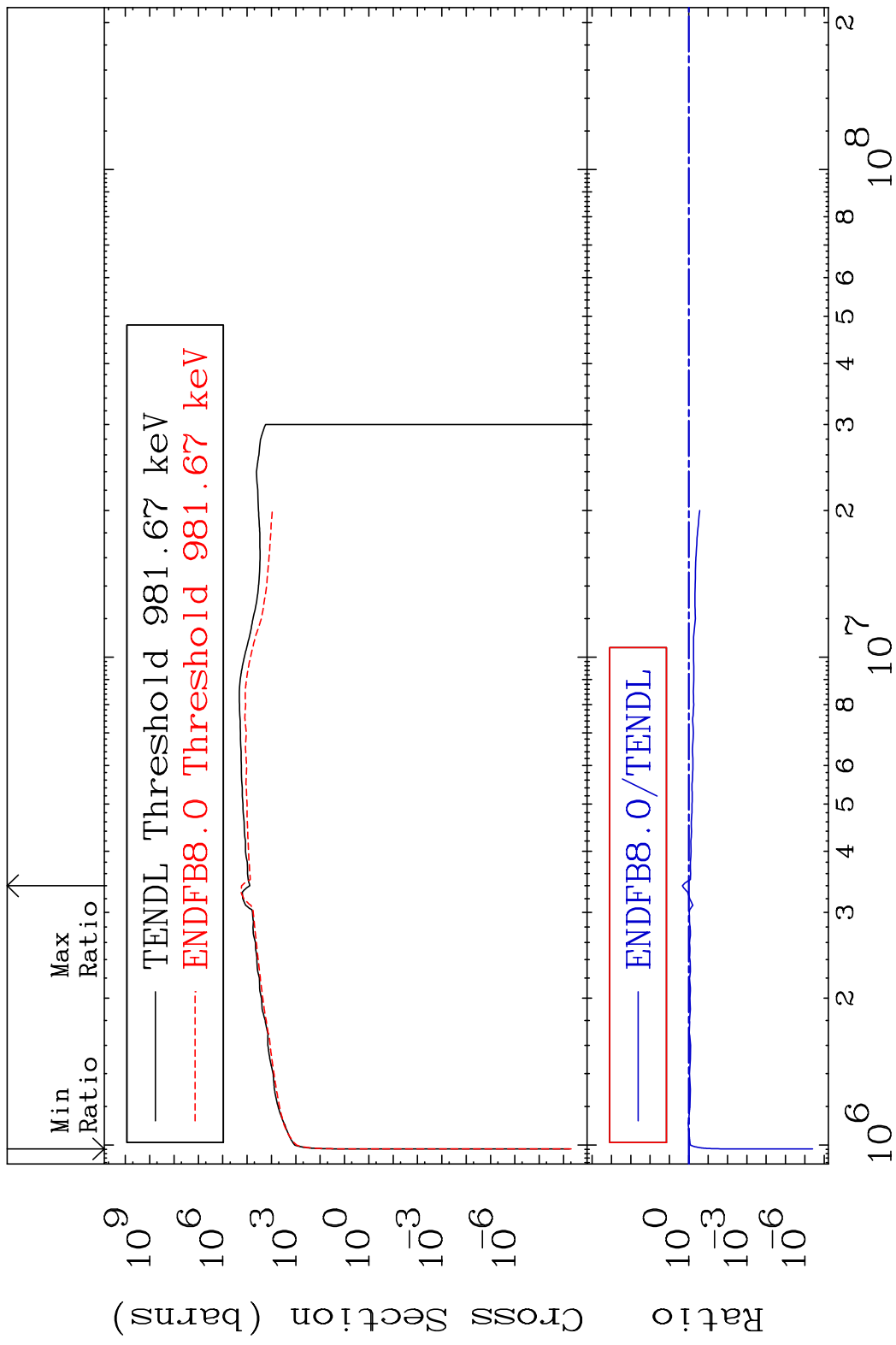
Incident Energy (eV)

52-Te-132

MAT 5261 Kerma non-elastic (all but mt2) 52-Te-132  
 Cross Section -100.0 To 9999. %



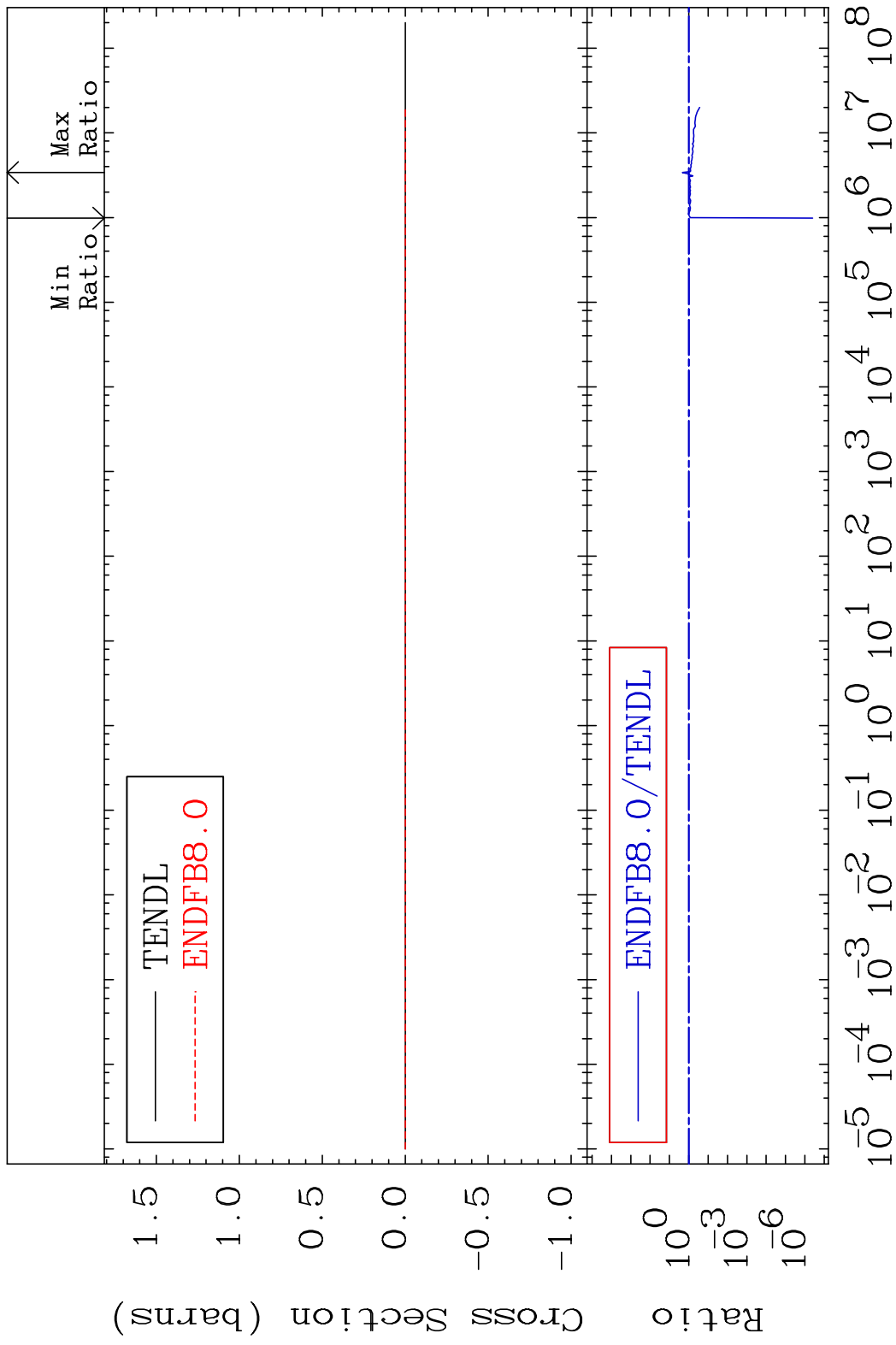
MAT 5261 Kerma inelastic (mt51-91) 52-Te-132  
 Cross Section -100.0 To 115.2 %



47 Incident Energy (eV) 52-Te-132



MAT 5261 Kerma fission (mt18 or mt19-20-21-38) 52-Te-132  
 Cross Section -100.0 To 115.2 %

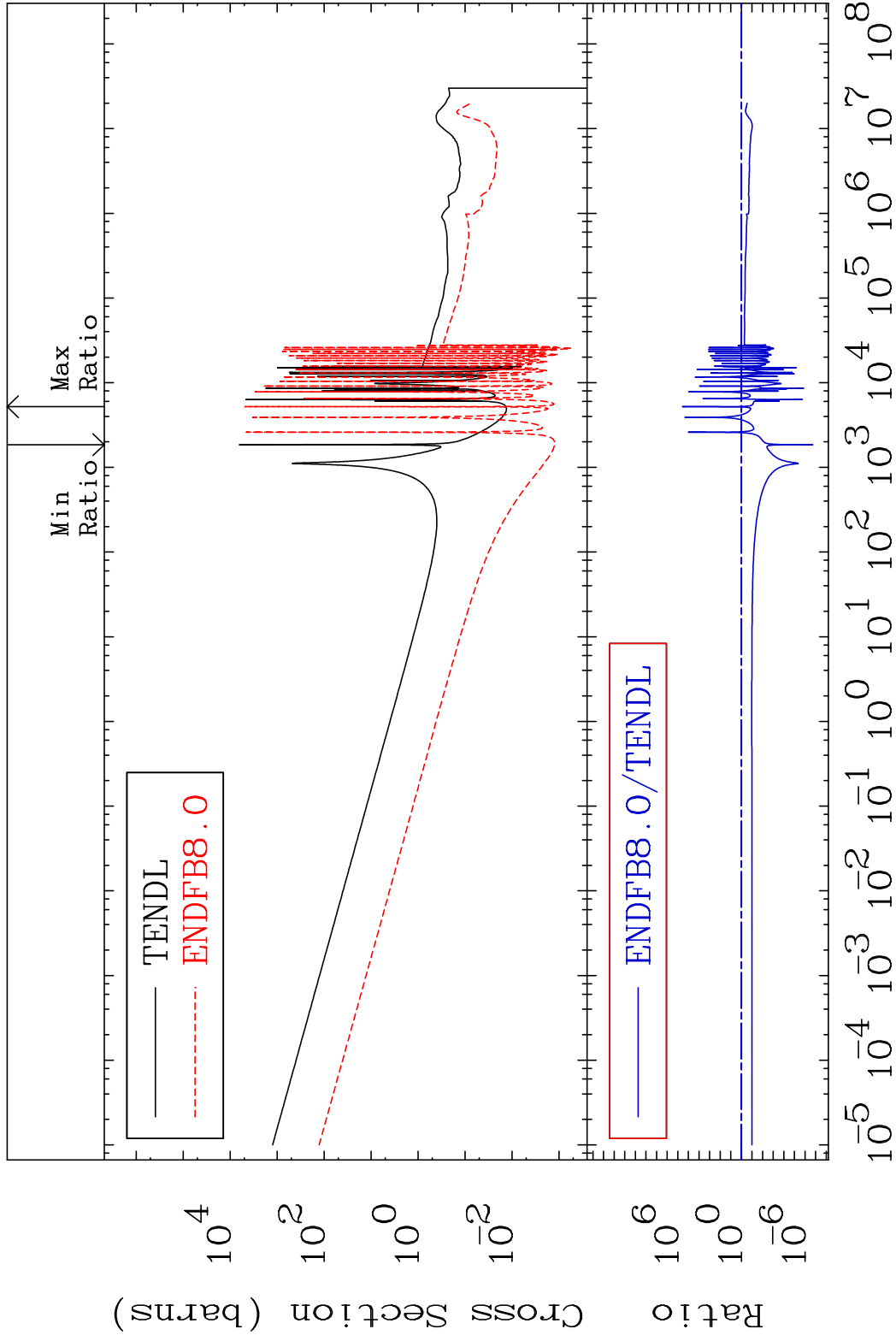


MAT 5261

Kerma capture (mt102)

52-Te-132

Cross Section -100.0 To 9999. %

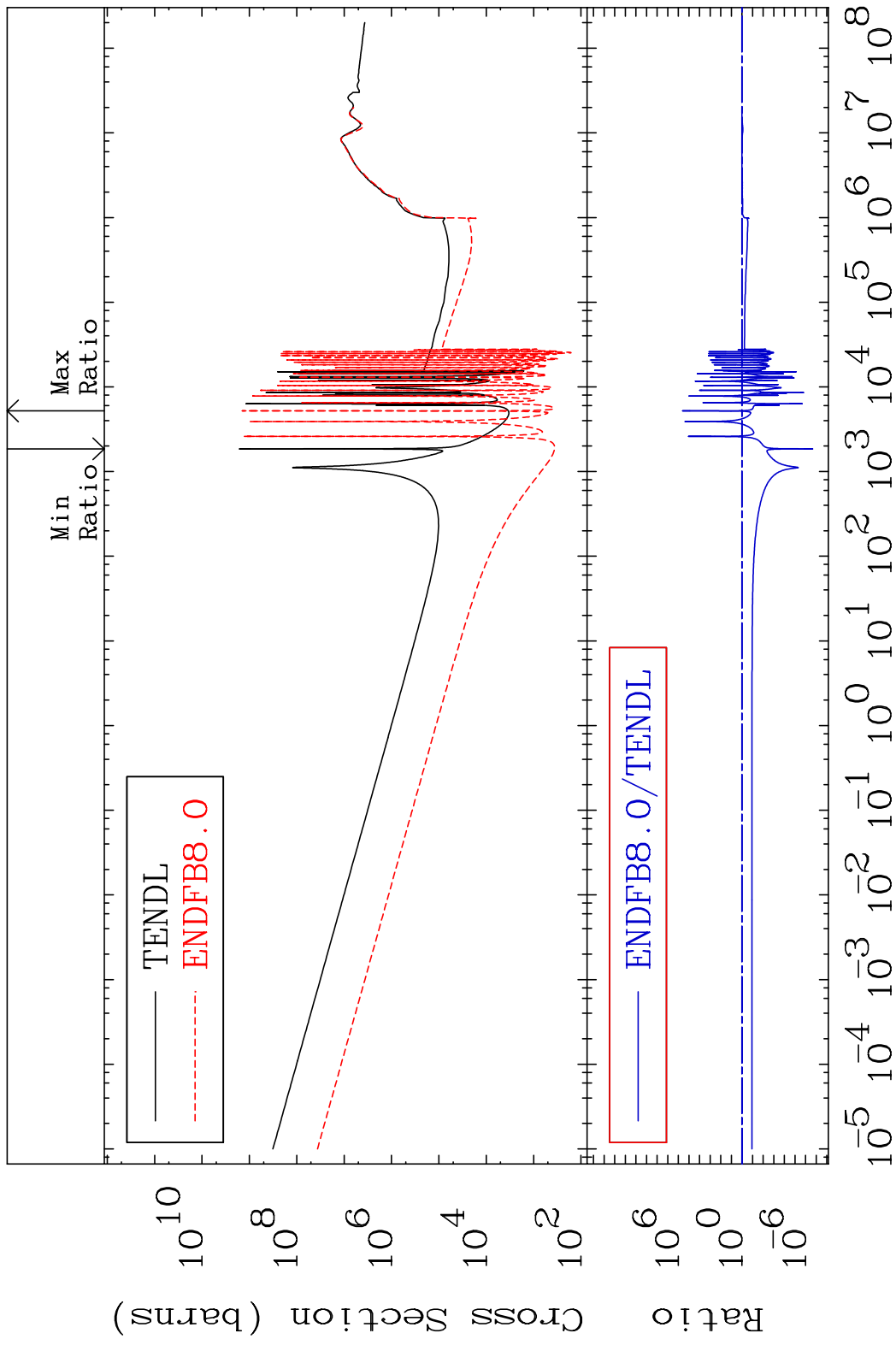


49

Incident Energy (eV)

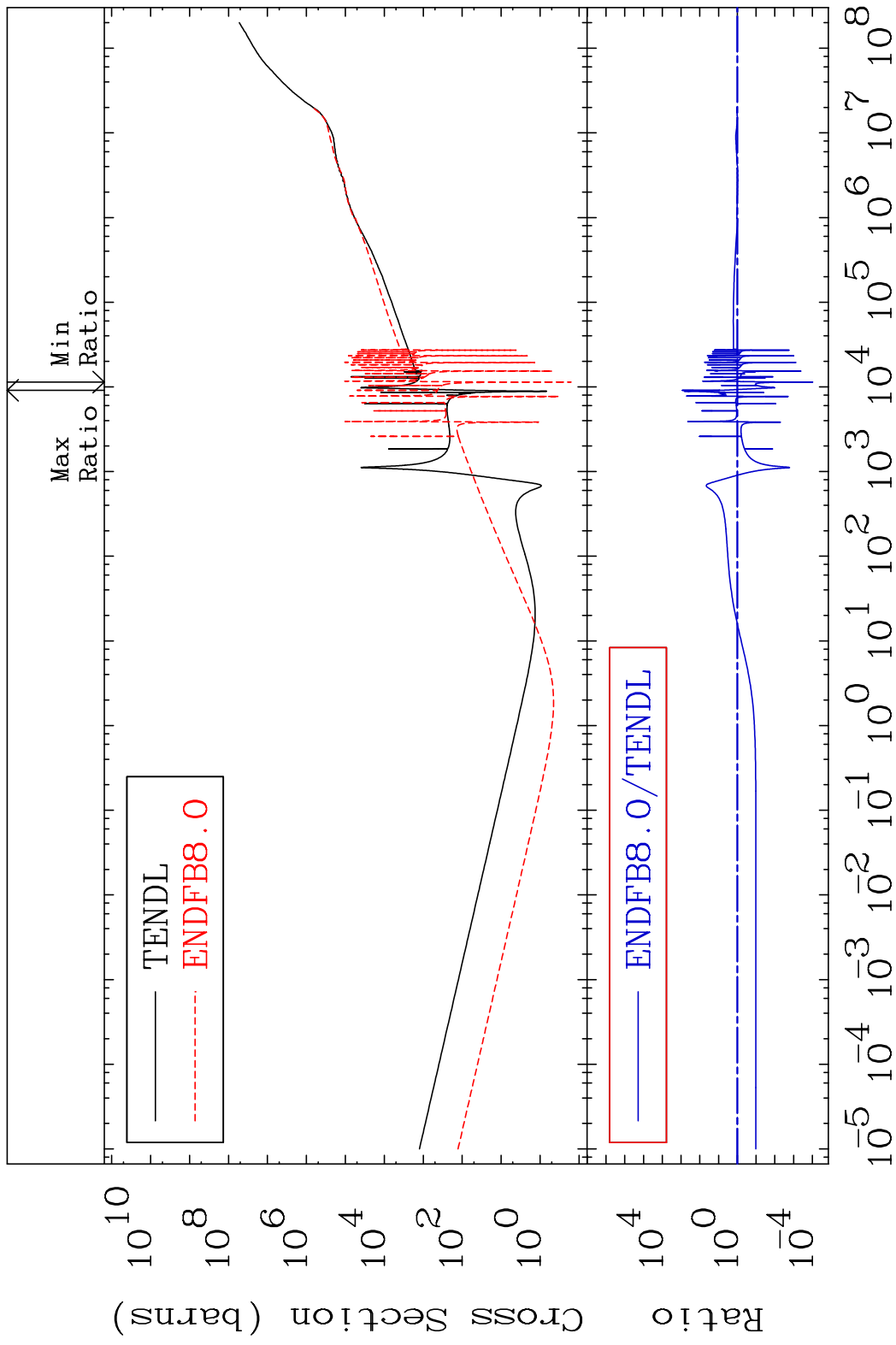
52-Te-132

MAT 5261 Total photon (eV-barns) 52-Te-132  
Cross Section -100.0 To 9999. %

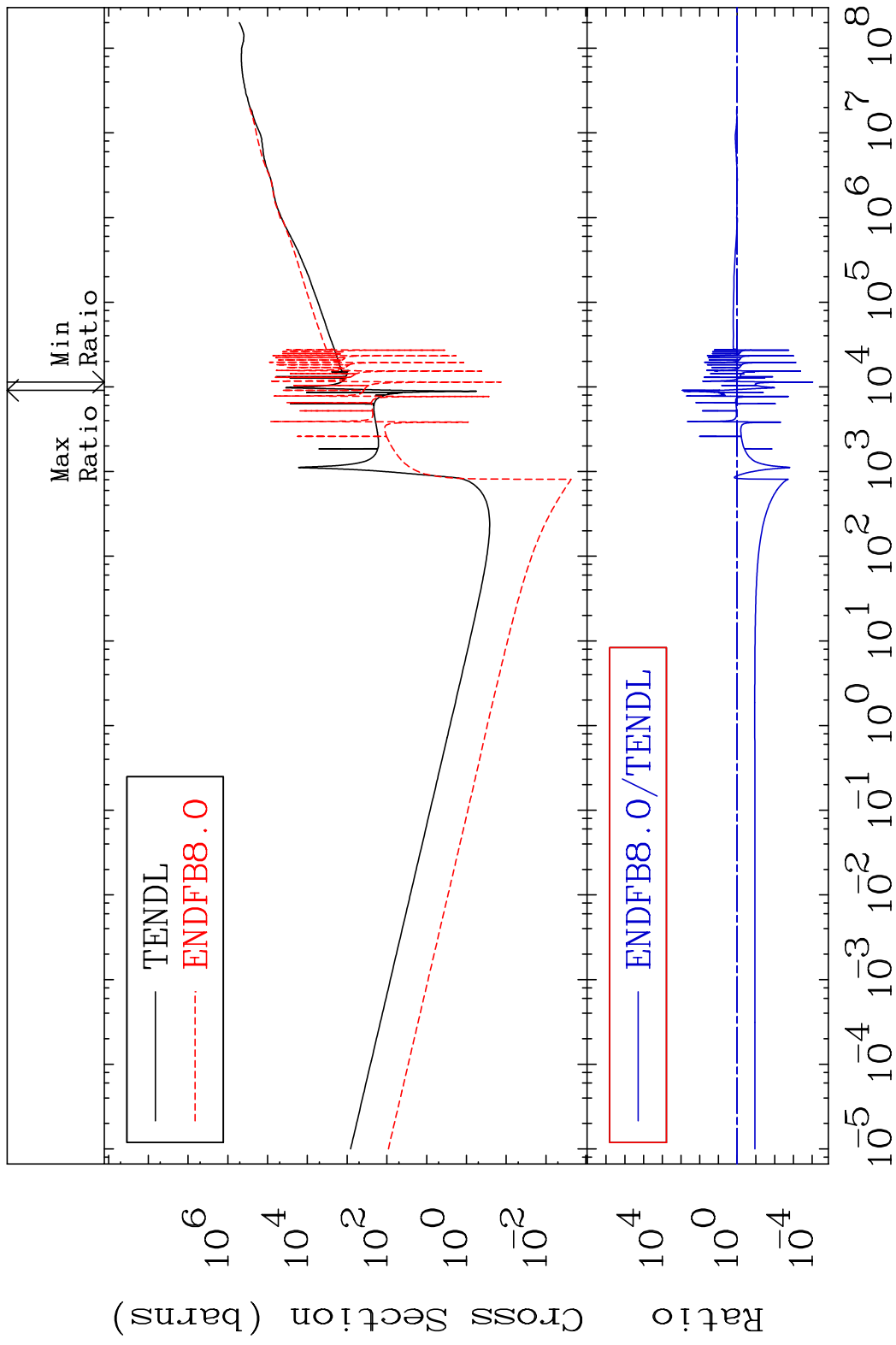


50 Incident Energy (eV) 52-Te-132

MAT 5261 Total kinematic kerma (high limit) 52-Te-132  
 Cross Section -99.99 To 9999. %



MAT 5261      Dpa total (eV-barns)      52-Te-132  
 Cross Section      -99.99 To 9999. %



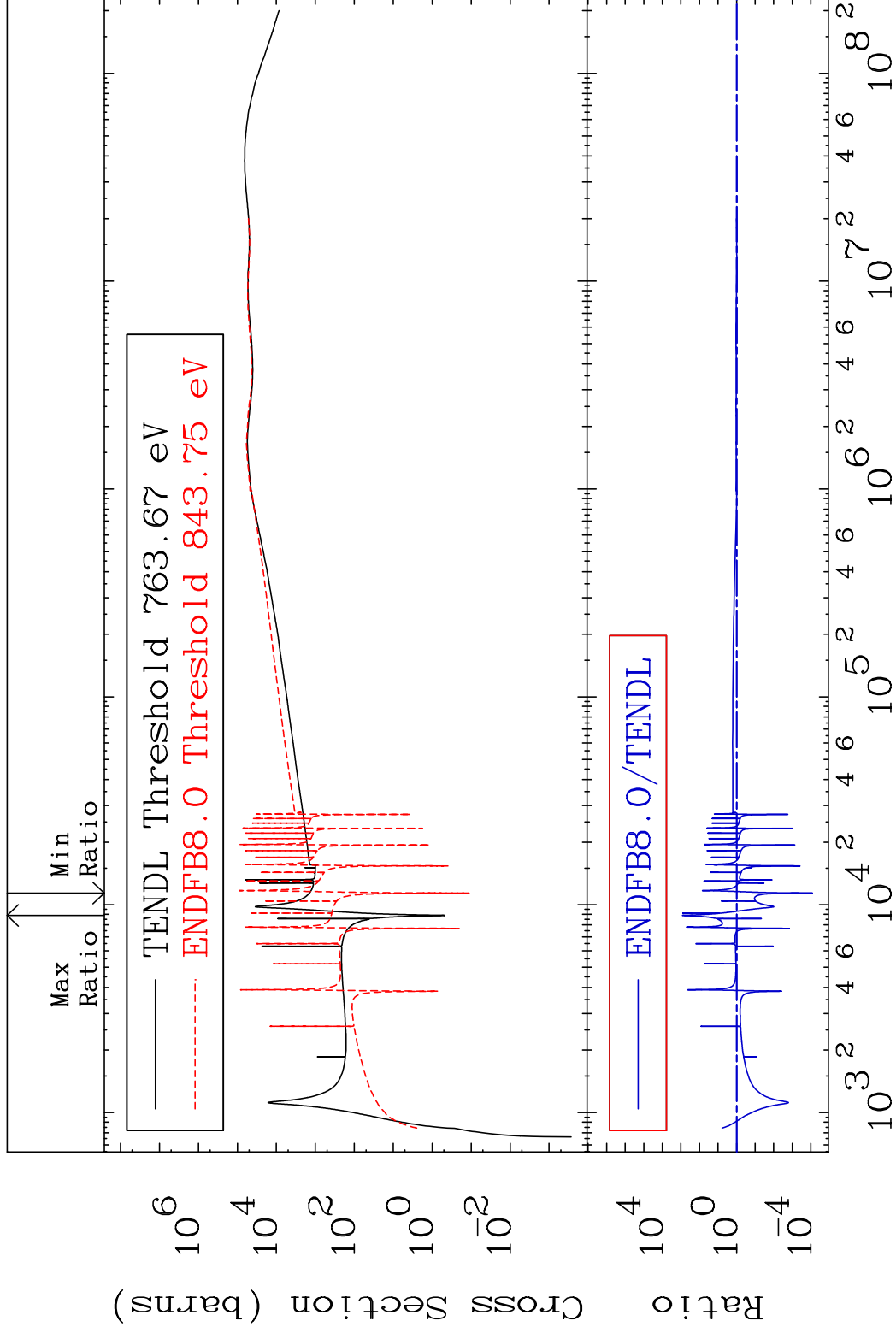
52      Incident Energy (eV)      52-Te-132

MAT 5261

Dpa elastic (mt2)

52-Te-132

Cross Section -99.99 To 9999. %

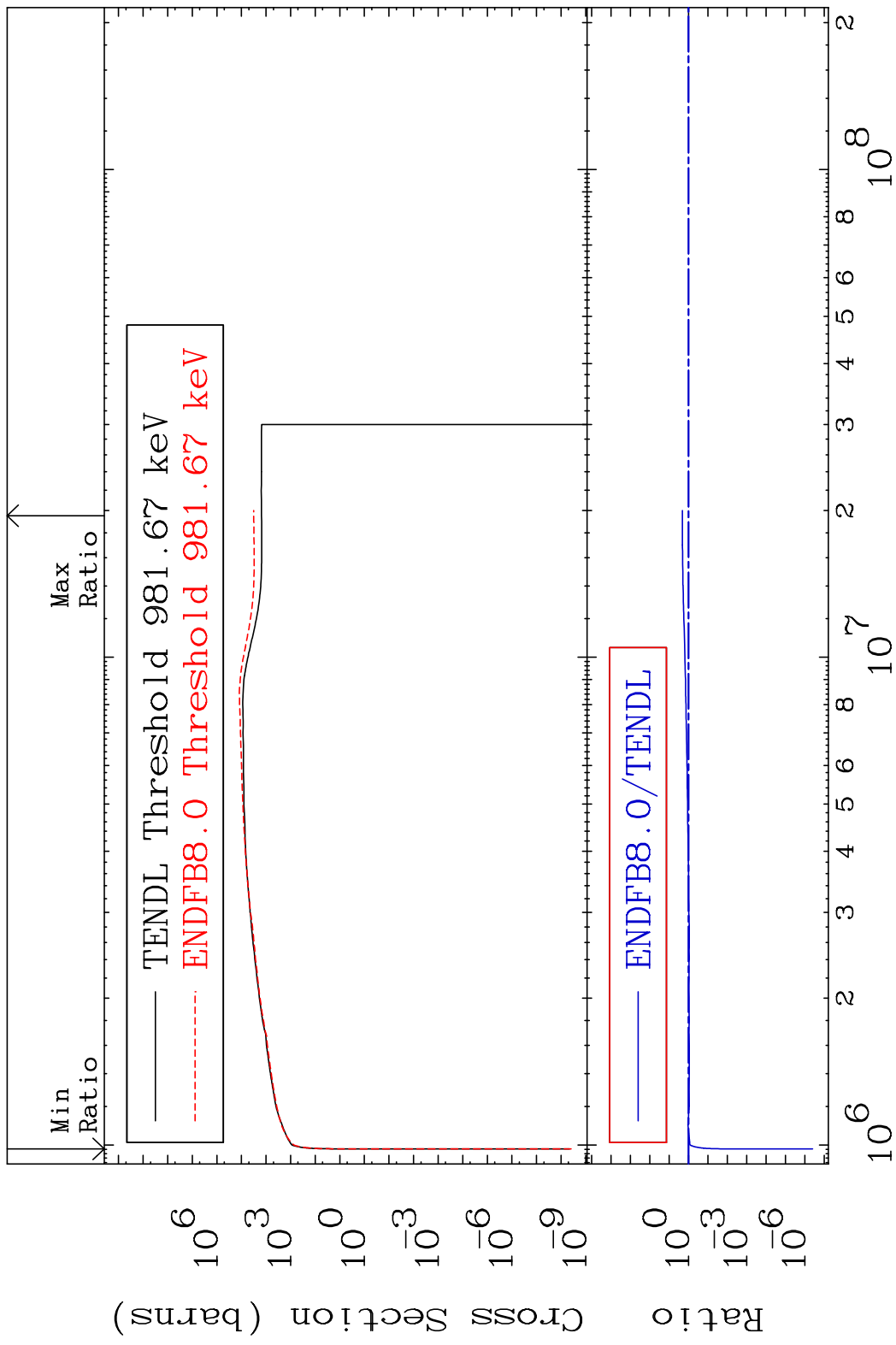


53

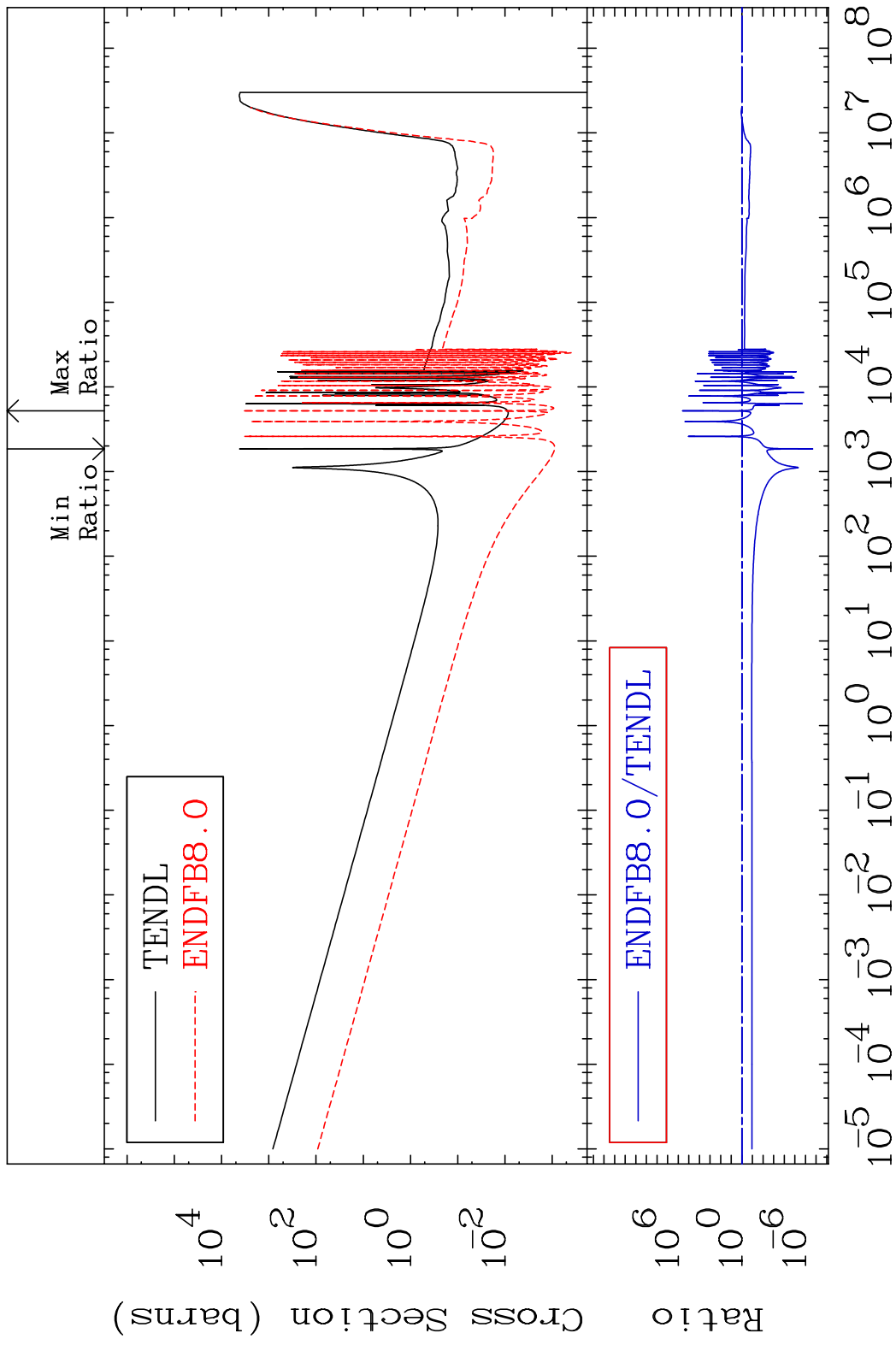
Incident Energy (eV)

52-Te-132

MAT 5261 Dpa inelastic (mt51-91) 52-Te-132  
 Cross Section -100.0 To 107.7 %



MAT 5261 Dpa disappearance (mt102 -120) 52-Te-132  
 Cross Section -100.0 To 9999. %



55 Incident Energy (eV) 52-Te-132