

Program Complot  
(Version 2021-1)

by

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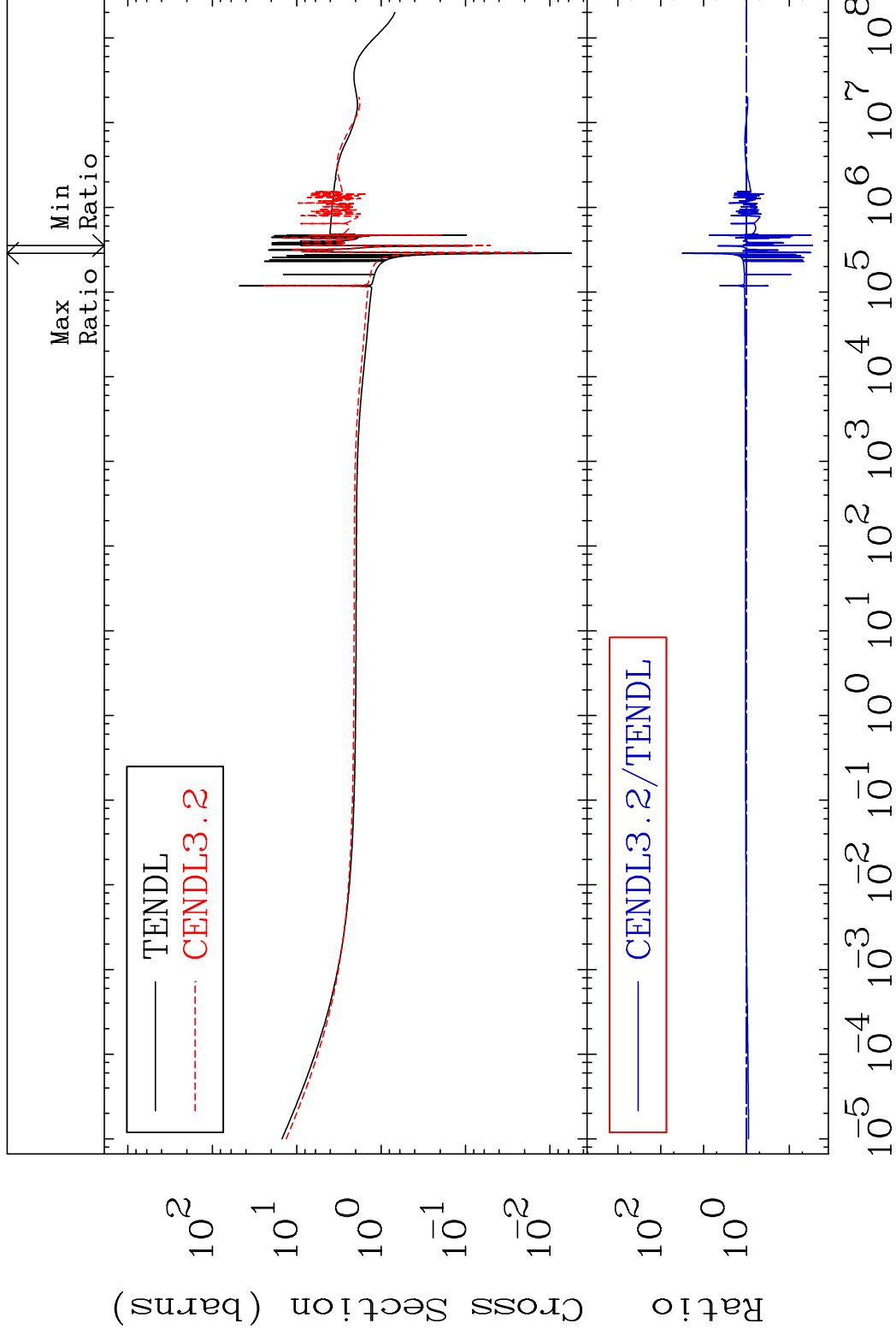
Press Mouse Button to Start

MAT 1631

Total

16-S -34

Cross Section -97.12 To 3027. %



1

Incident Energy (eV)

16-S -34

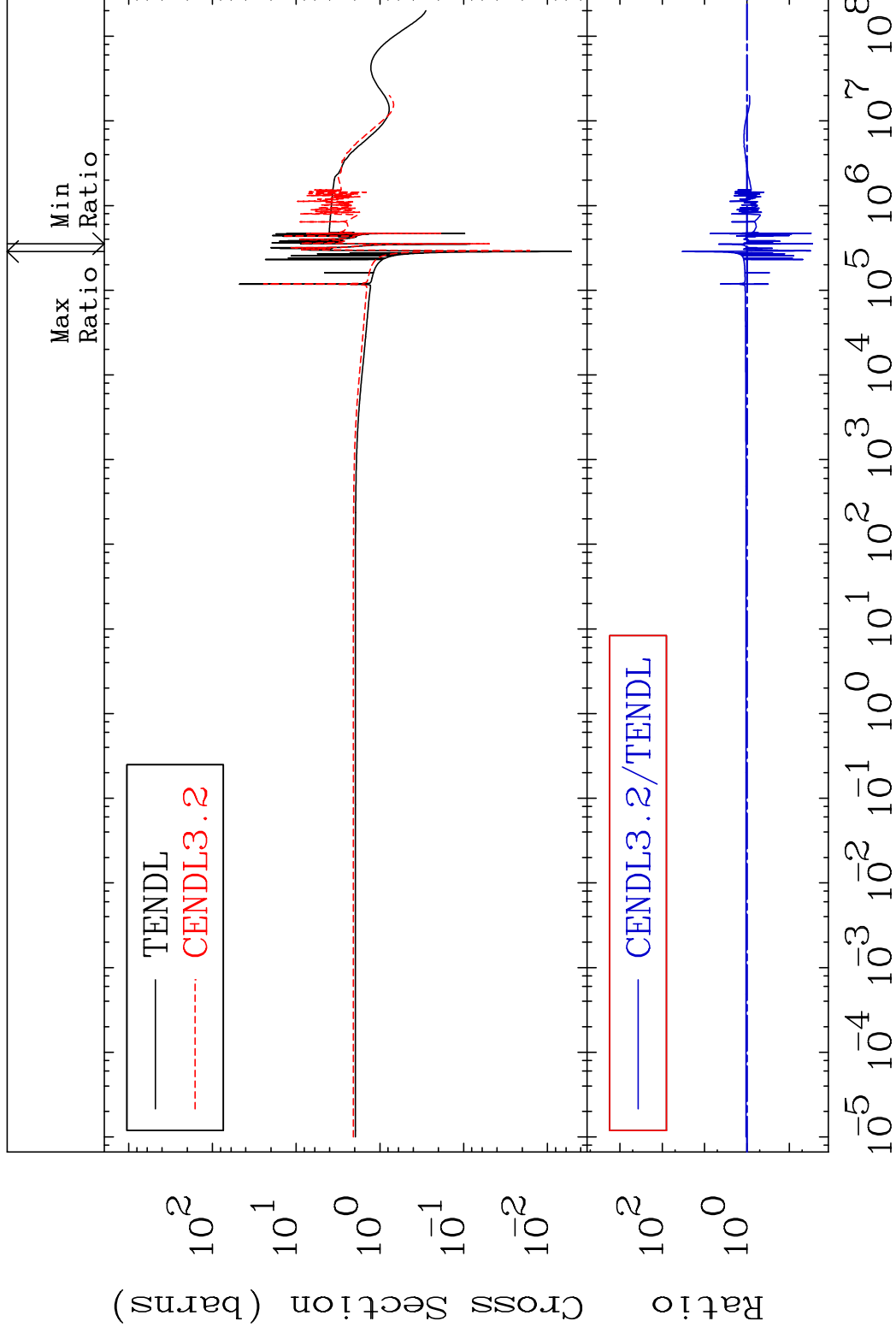
MAT 1631

Elastic

16-S -34

Cross Section

-97.17 To 3253. %



2

Incident Energy (eV)

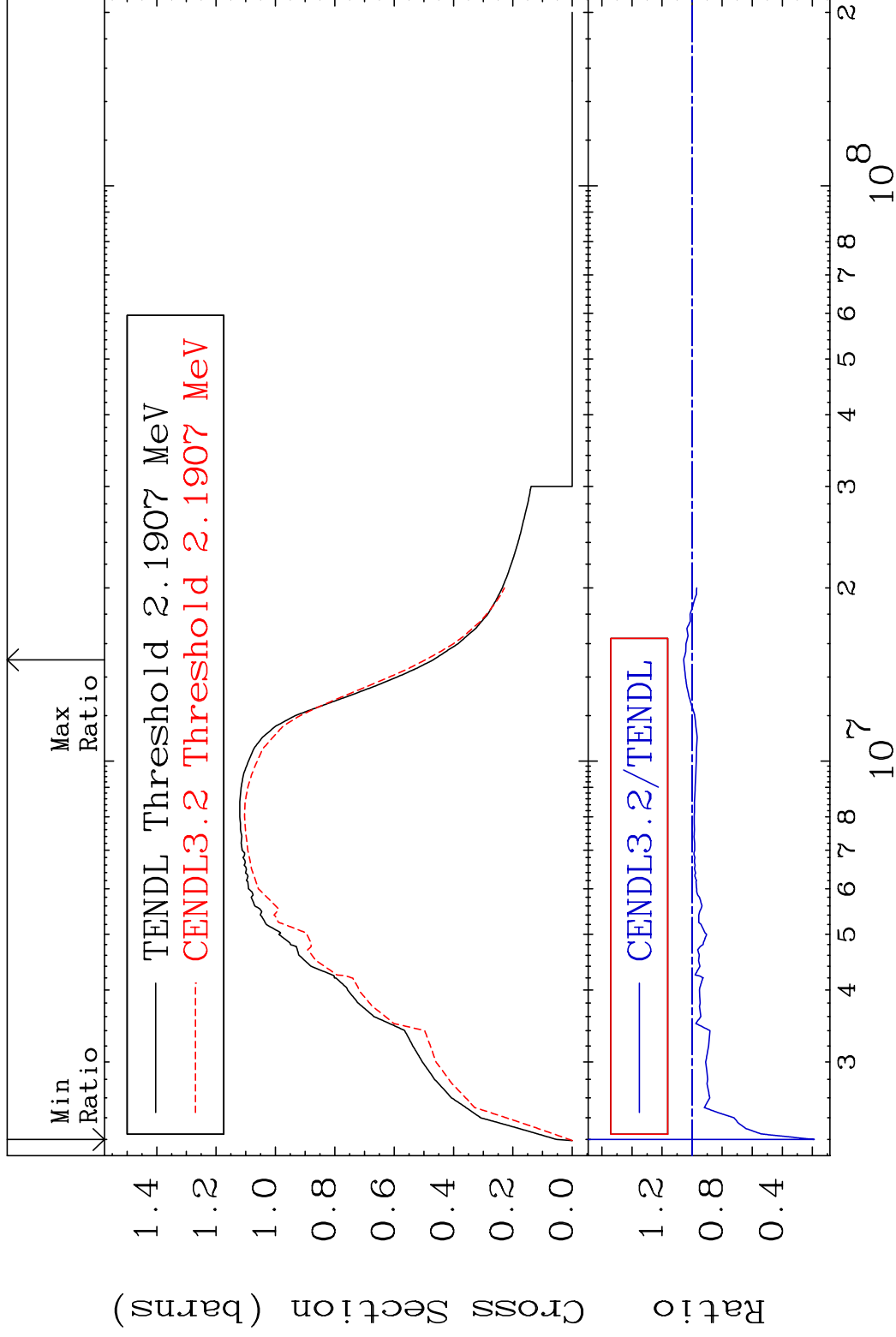
16-S -34

MAT 1631

Inelastic

16-S -34

Cross Section -81.17 To 5.639 %



3

Incident Energy (eV)

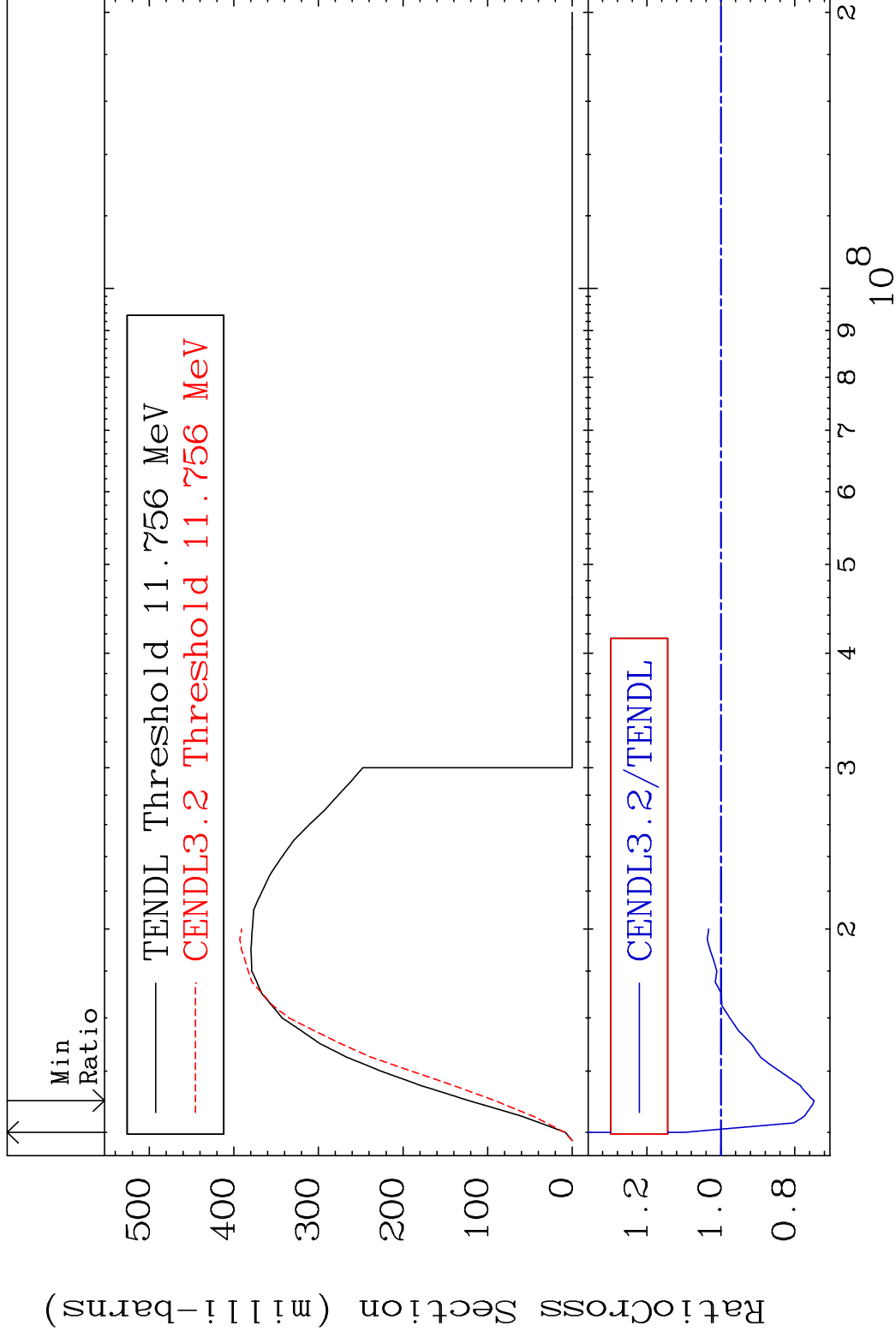
16-S -34

MAT 1631

(n,2n)

16-S -34

Cross Section -25.22 To 10.07 %

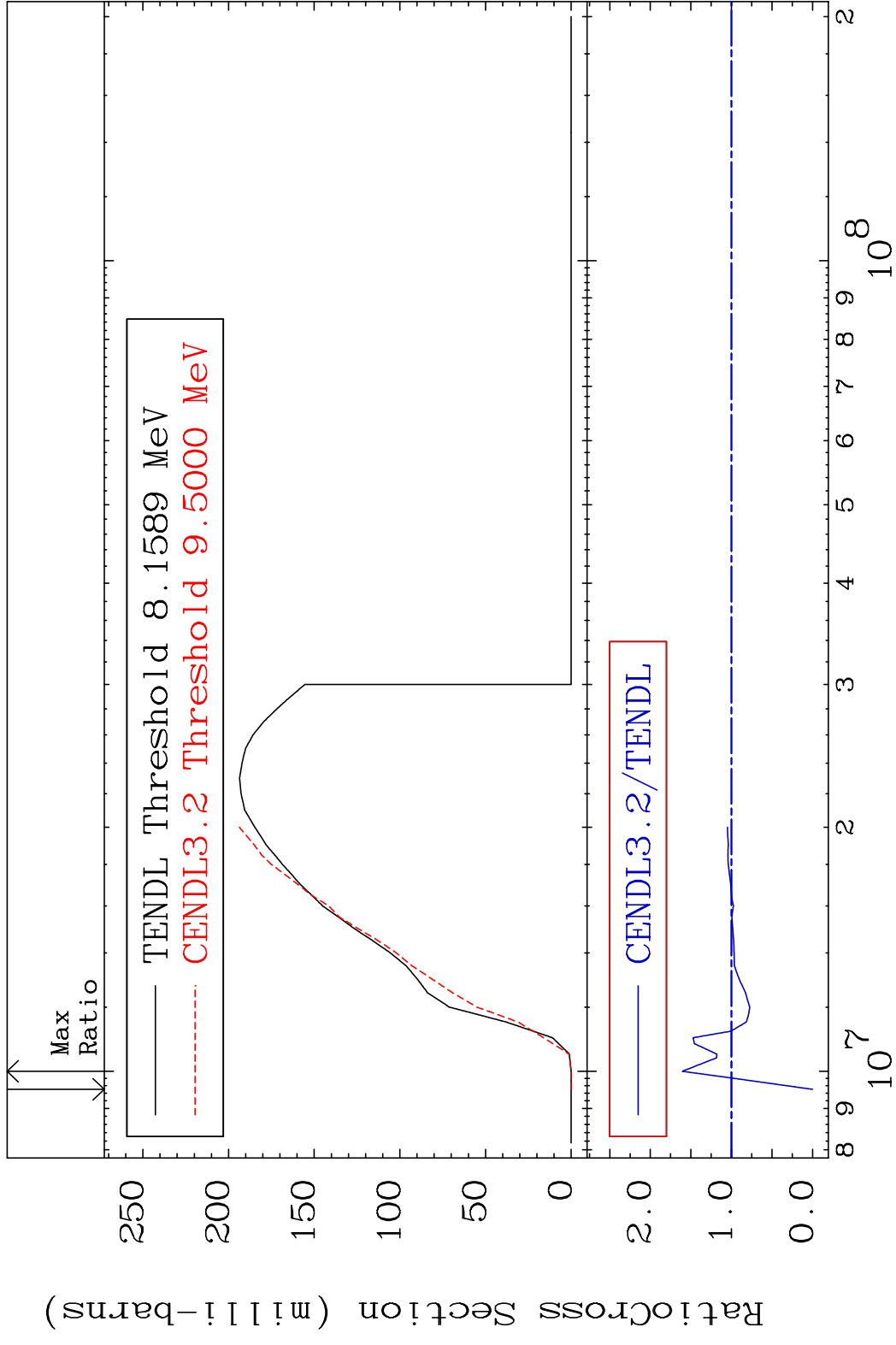


4

Incident Energy (eV)

16-S -34

MAT 1631 (n, n')  $\alpha$  16-S -34  
 Cross Section -100.0 To 60.52 %



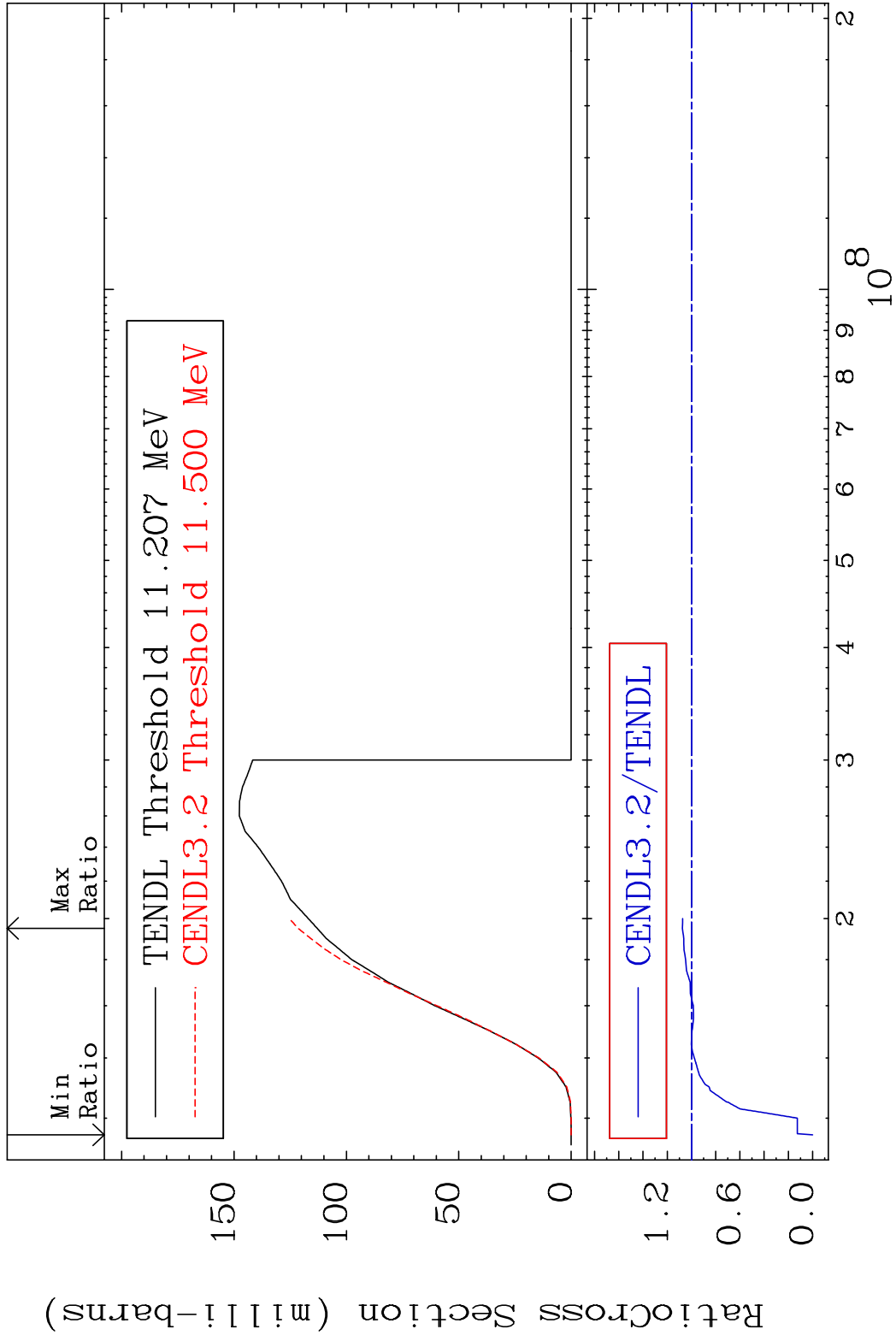
5 16-S -34

MAT 1631

(n, n') p

16-S -34

Cross Section -100.0 To 7.514 %

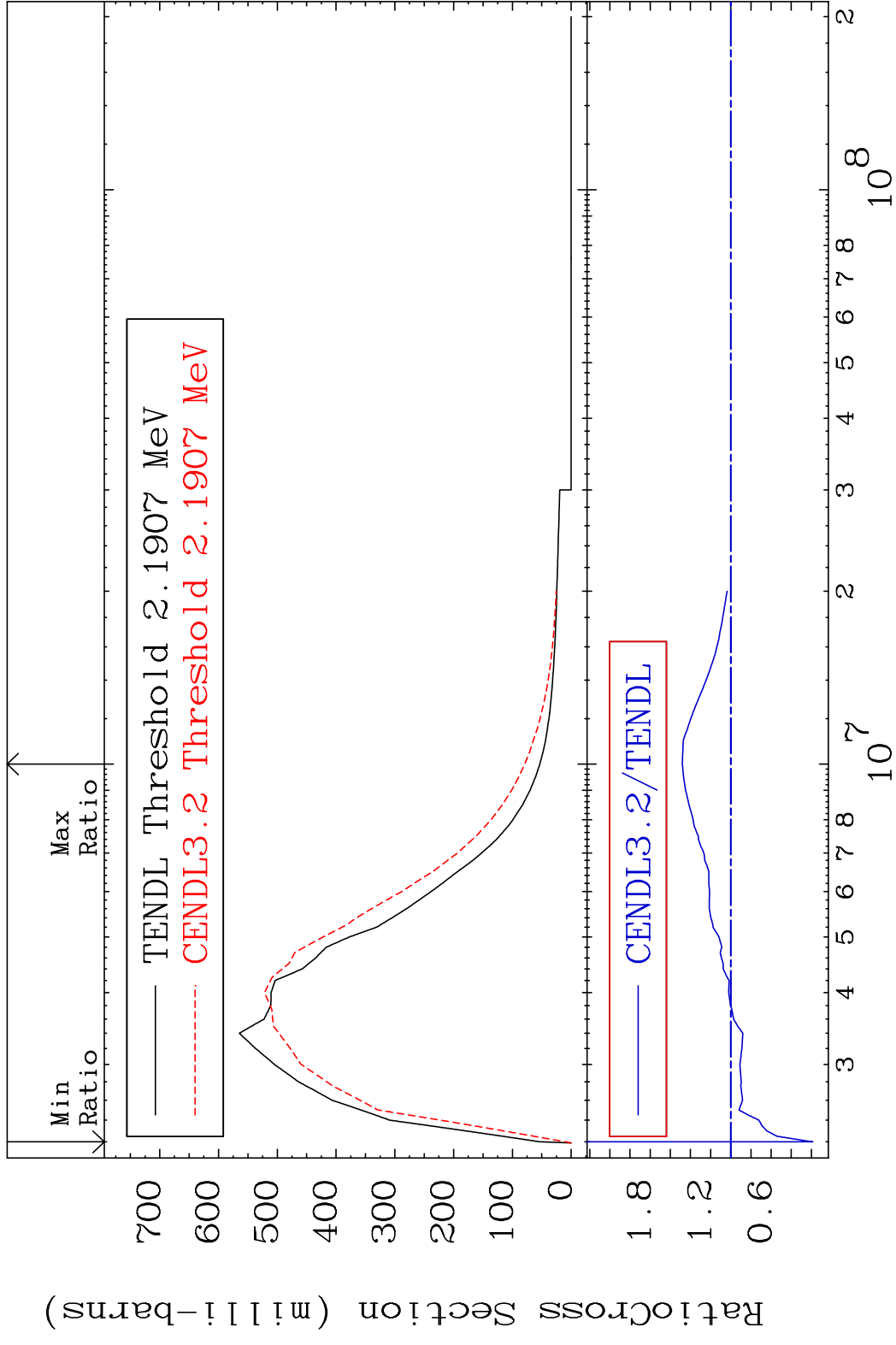


6

Incident Energy (eV)

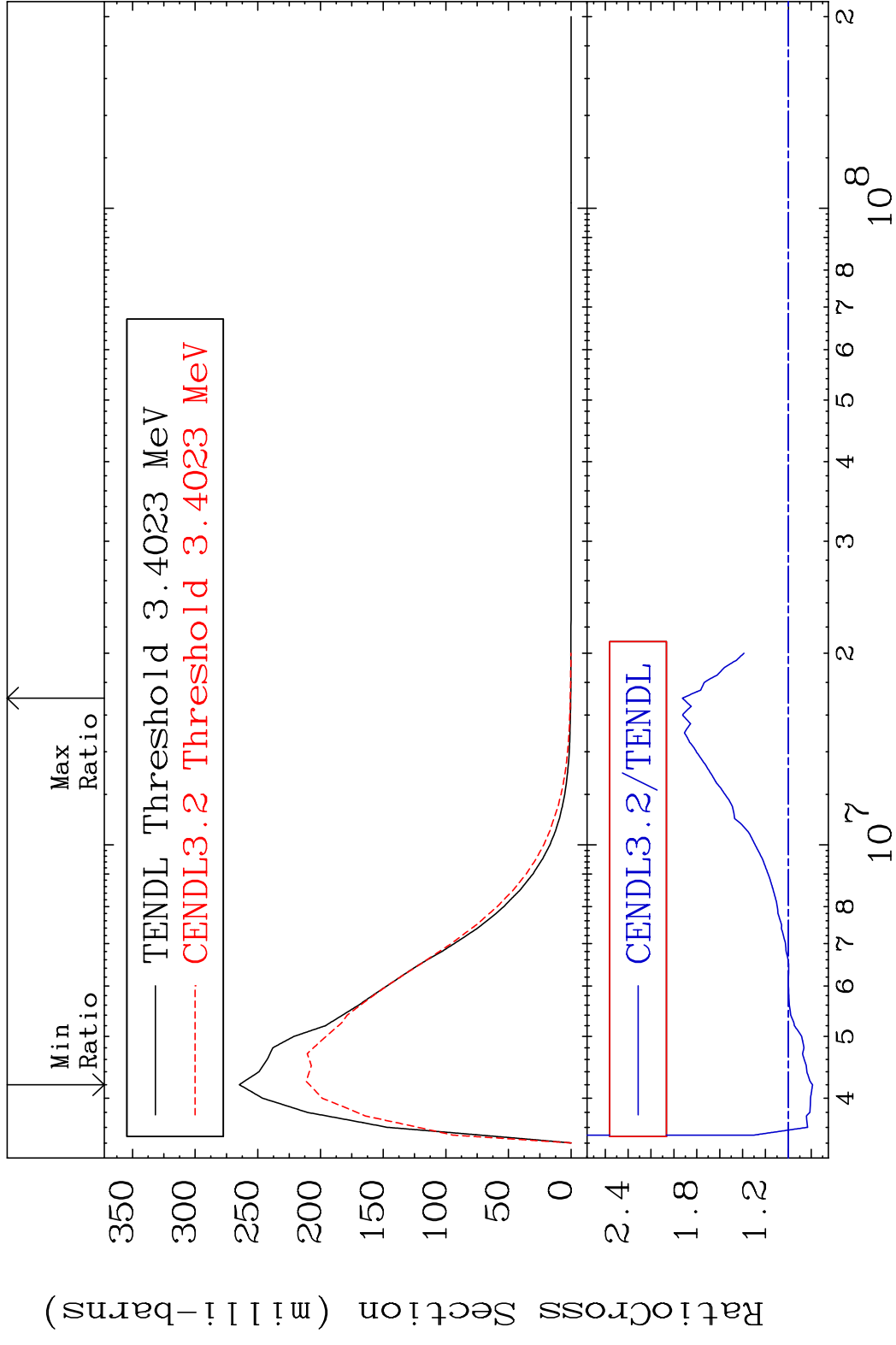
16-S -34

MAT 1631 MT= 51 (n,n') Level 16-S -34  
 Cross Section -81.17 To 48.07 %

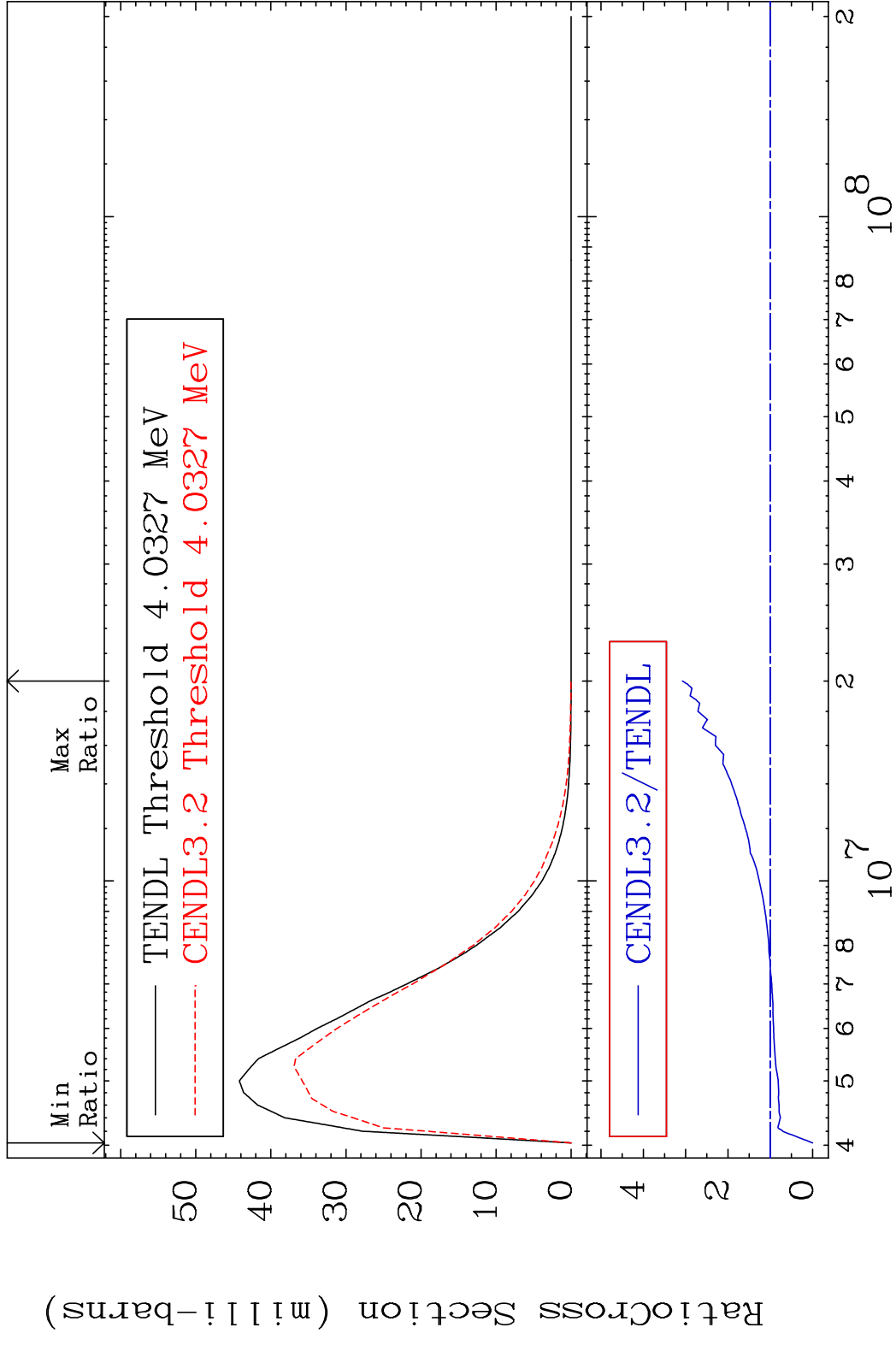




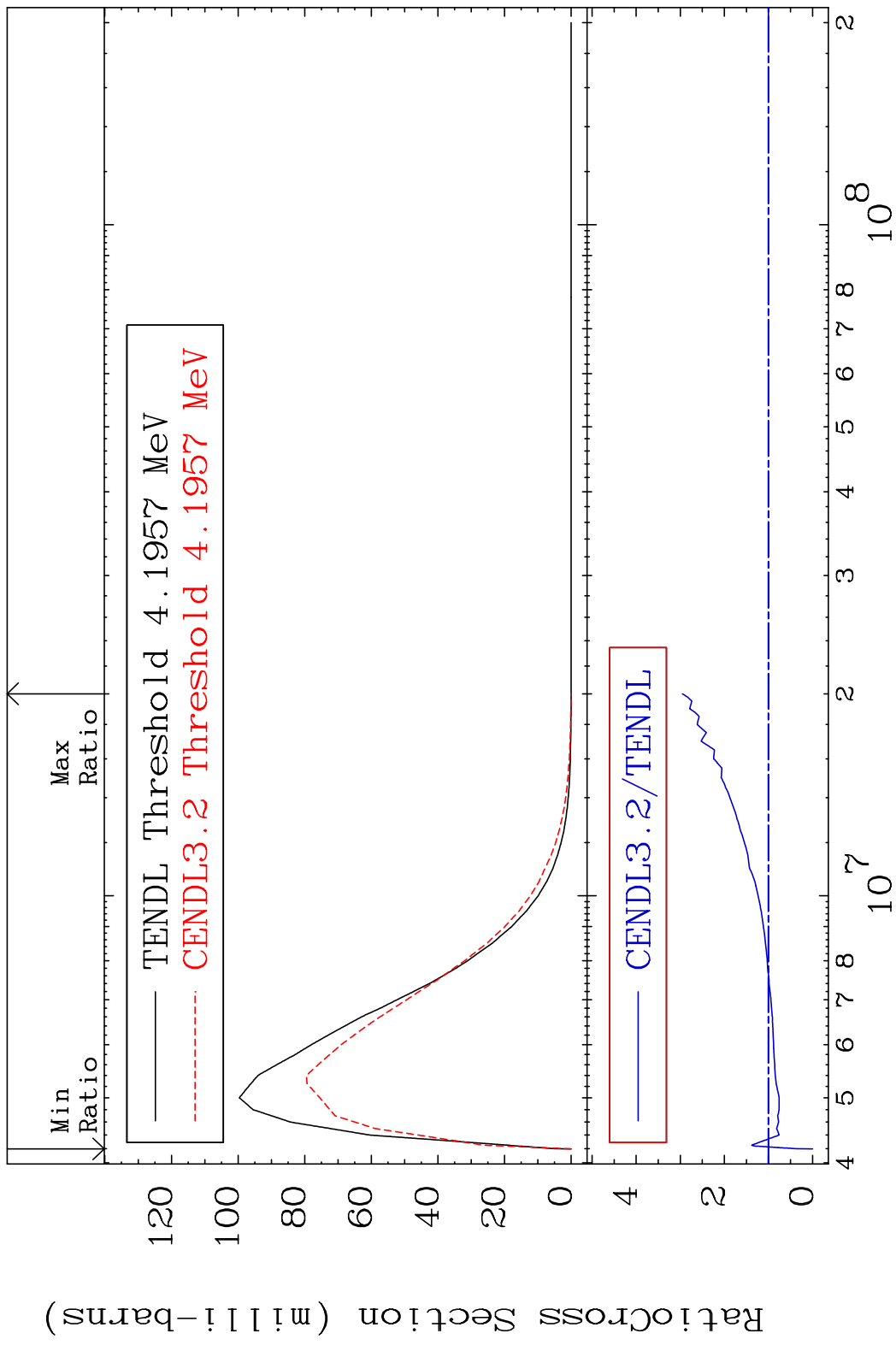
MAT 1631 MT= 52 (n,n') Level 16-S -34  
 Cross Section -21.12 To 92.62 %



MAT 1631 MT= 53 (n, n') Level 16-S -34  
 Cross Section -100.0 To 207.8 %

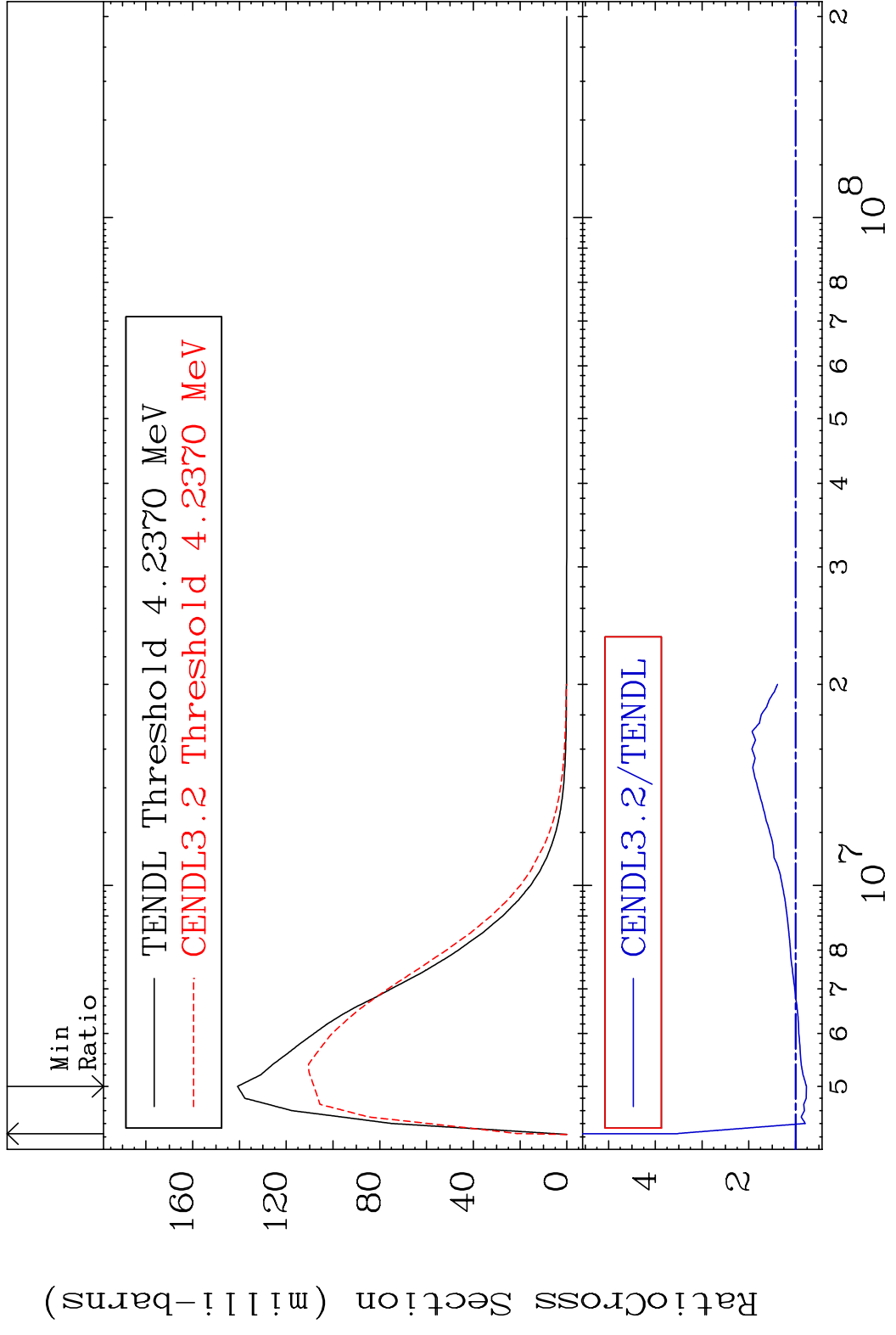


MAT 1631 MT= 54 (n, n') Level 16-S -34  
 Cross Section -100.0 To 195.3 %

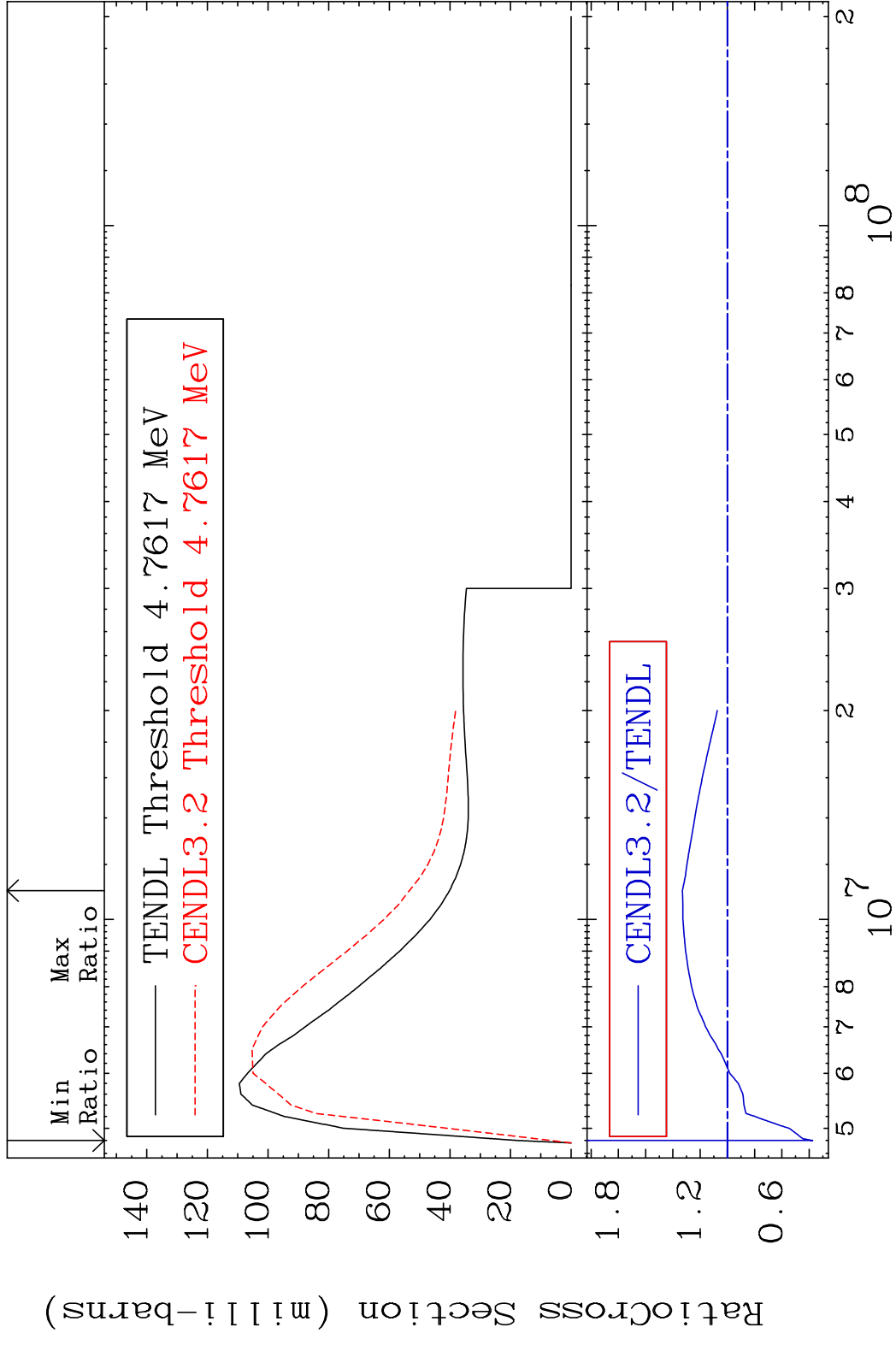


10 16-S -34

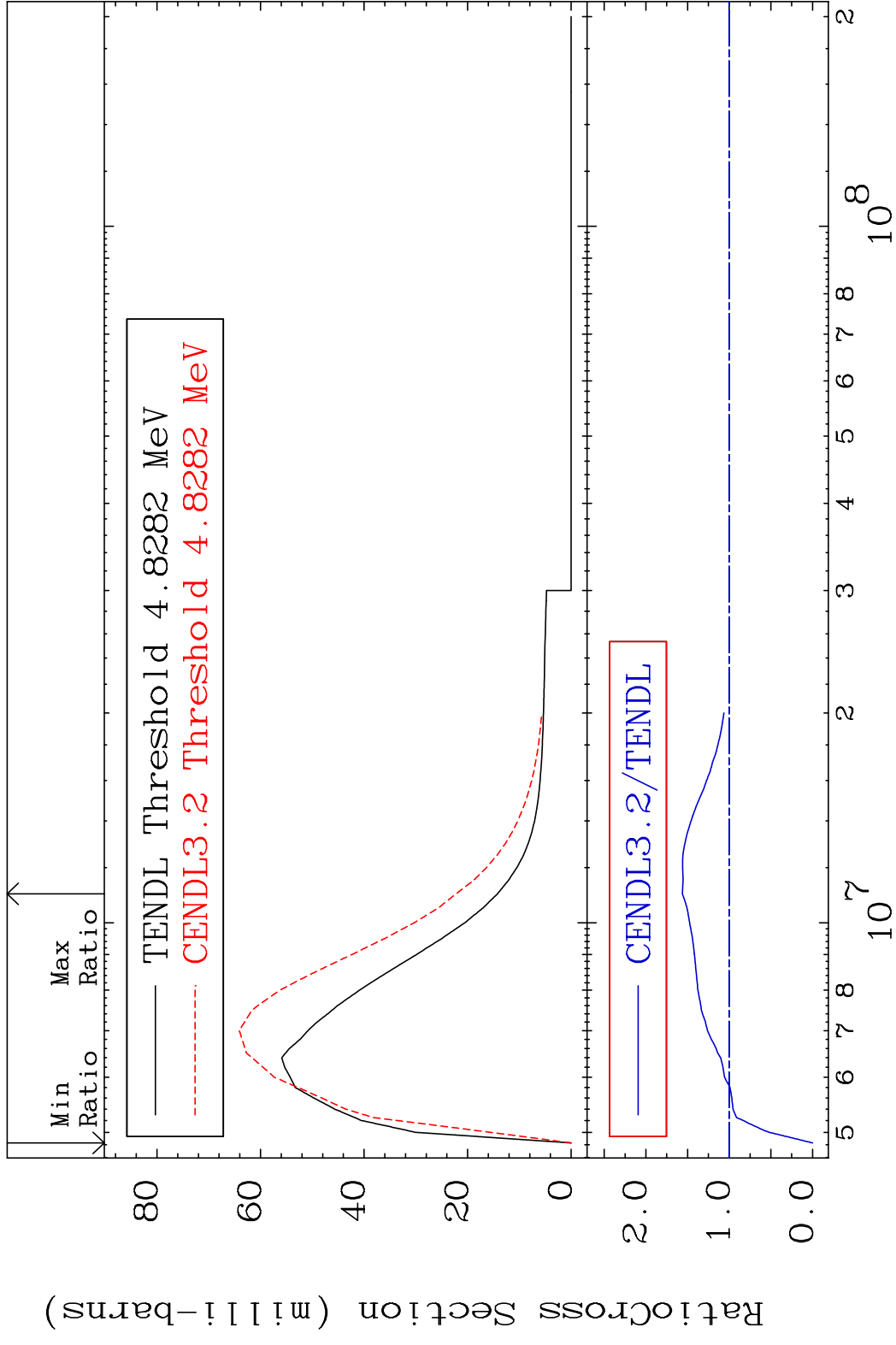
MAT 1631 MT= 55 (n,n') Level 16-S -34  
 Cross Section -23.21 To 253.2 %



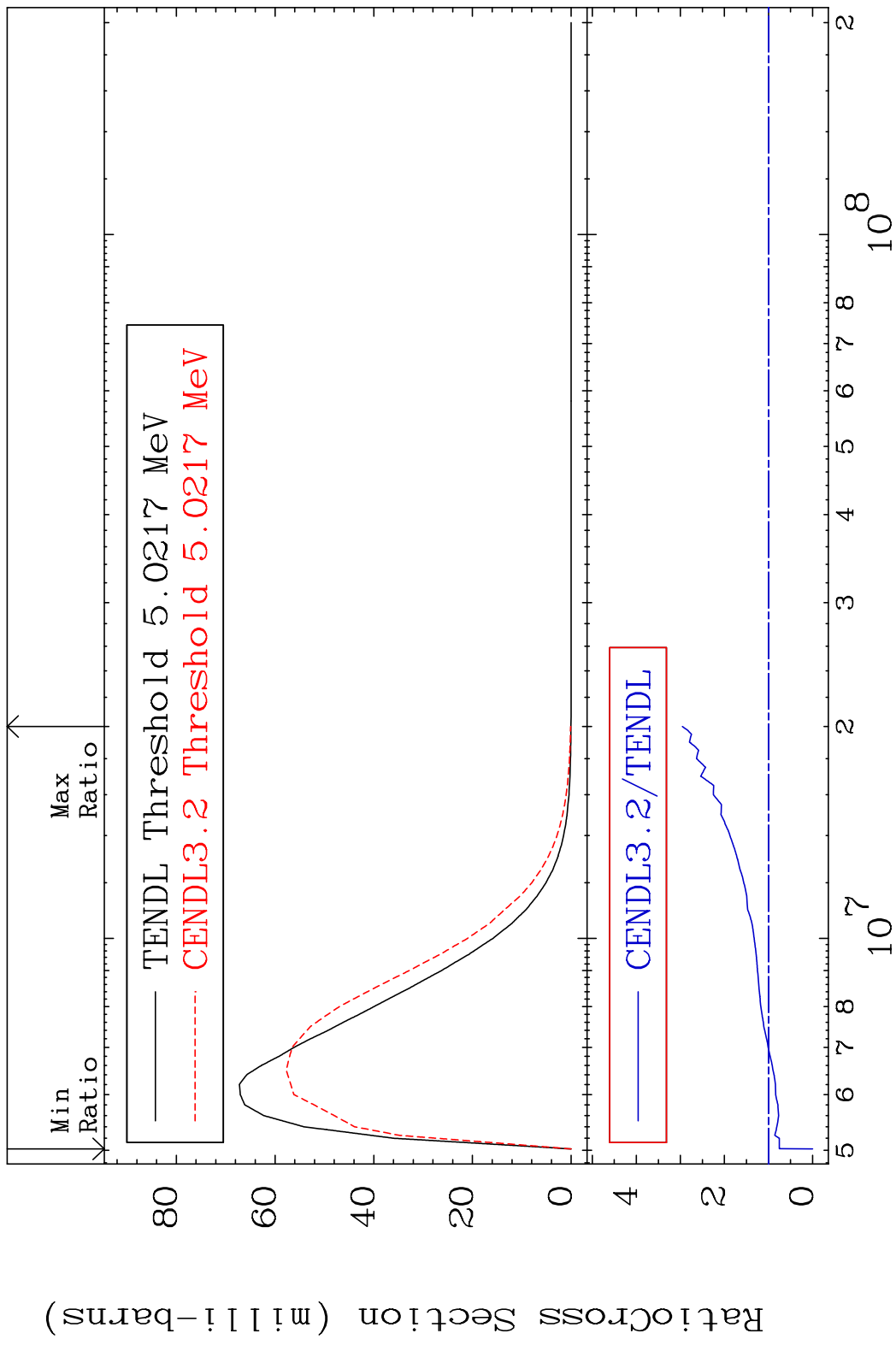
MAT 1631 MT= 56 (n,n') Level 16-S -34  
 Cross Section -62.48 To 33.08 %



MAT 1631 MT= 57 (n,n') Level 16-S -34  
 Cross Section -100.0 To 56.26 %

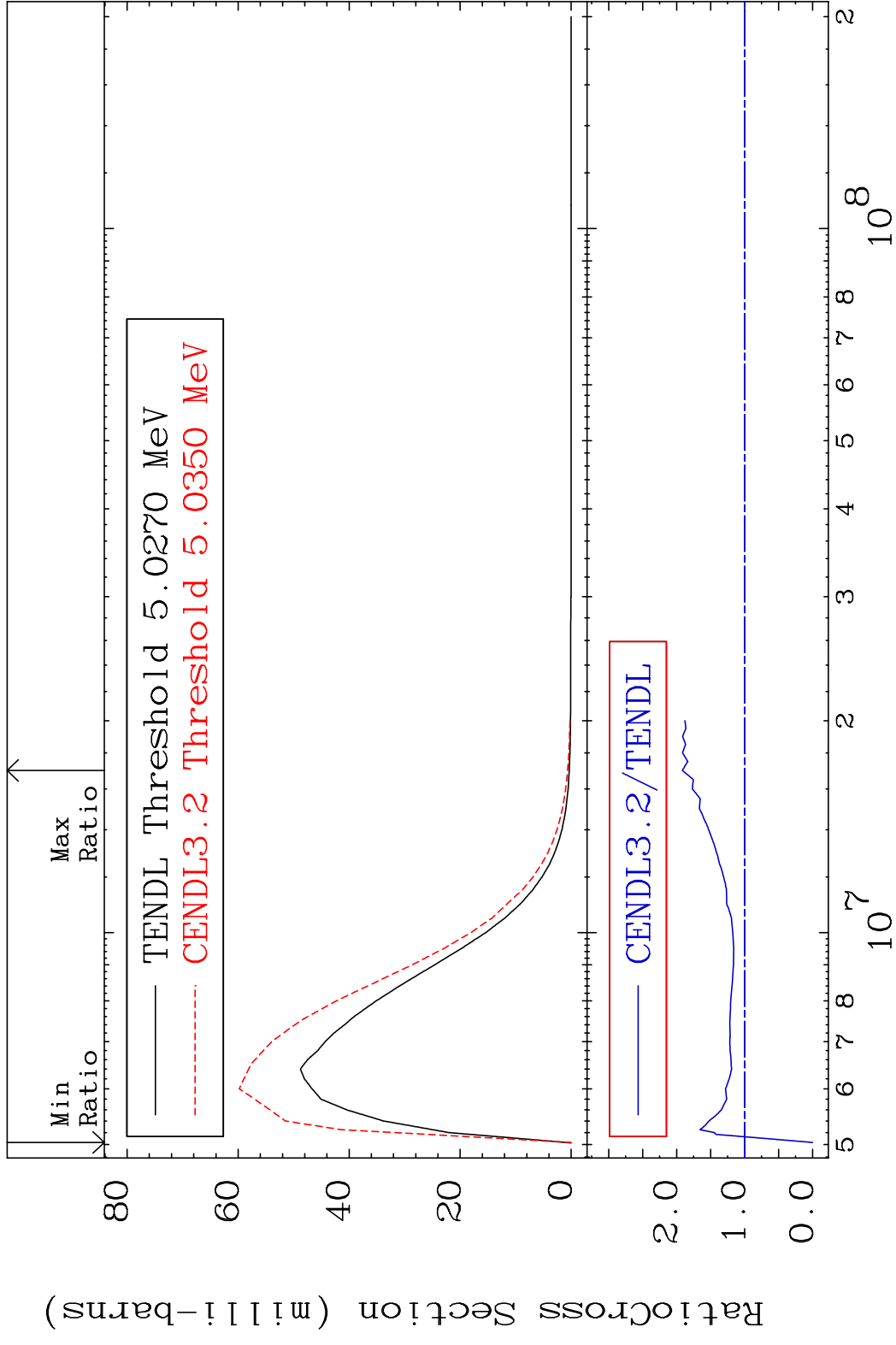


MAT 1631 MT= 58 (n,n') Level 16-S -34  
 Cross Section -100.0 To 195.5 %



14 16-S -34

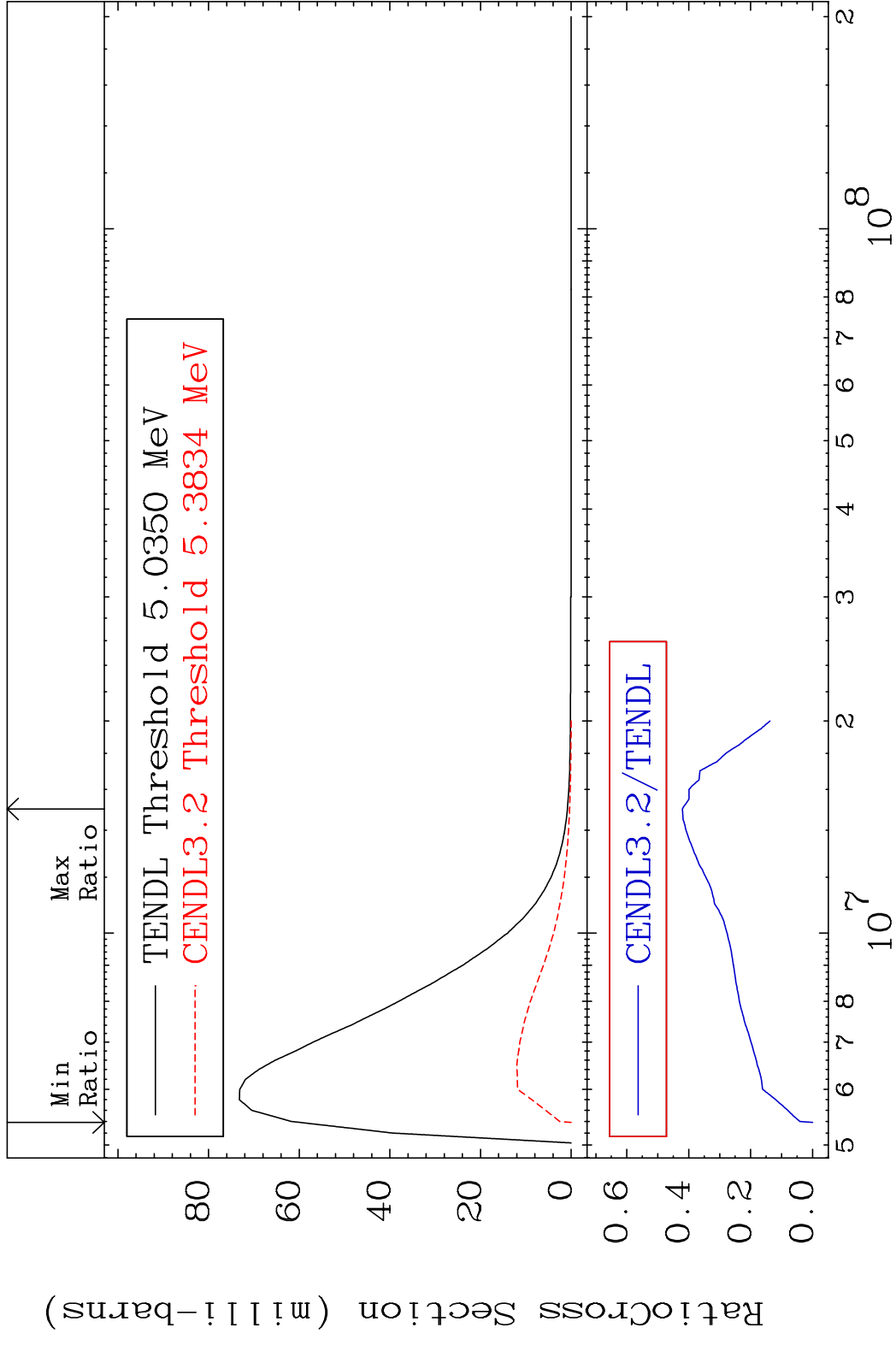
MAT 1631 MT= 59 (n,n') Level 16-S -34  
 Cross Section -100.0 To 91.62 %



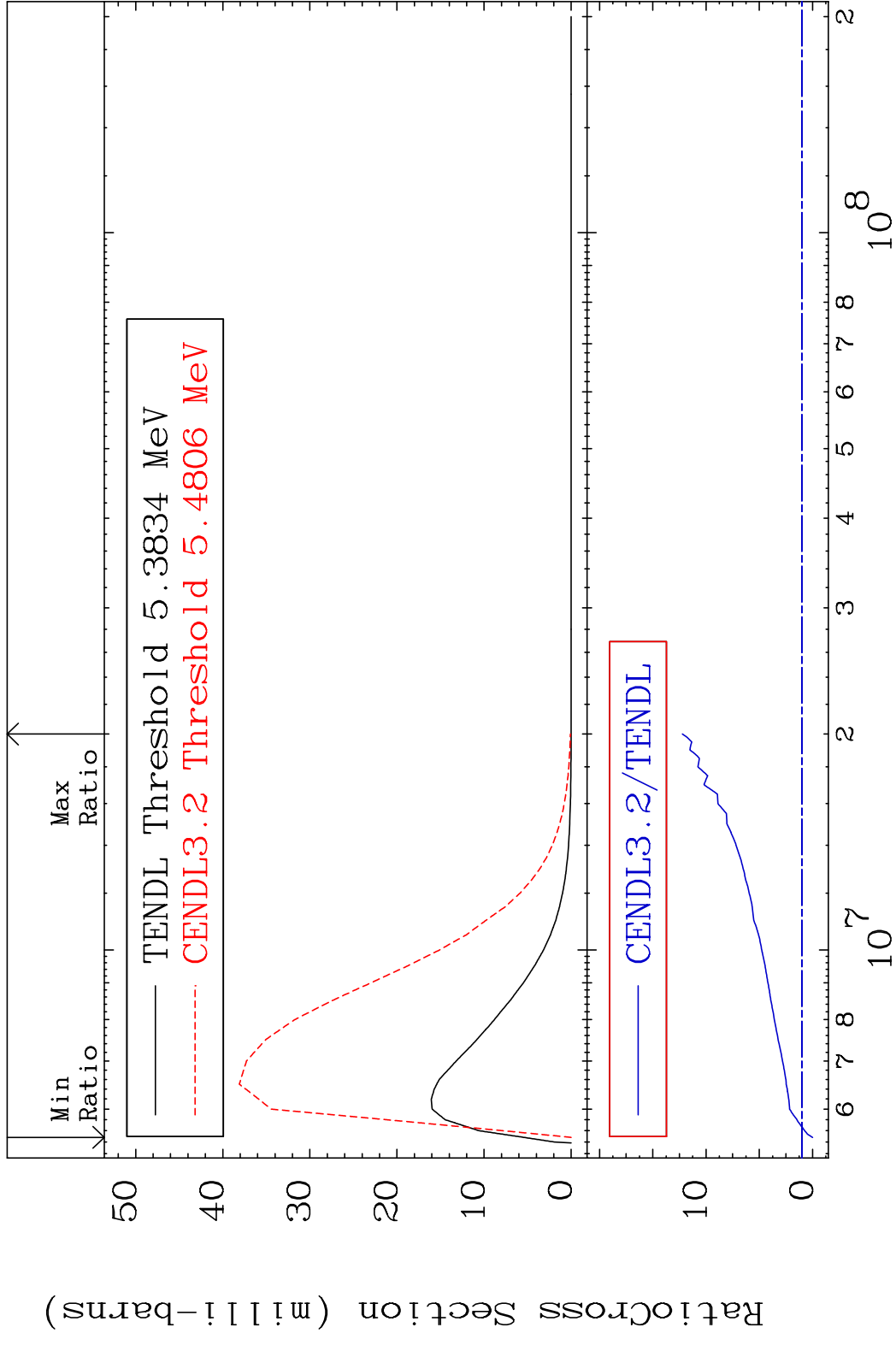
15 Incident Energy (eV) 16-S -34



MAT 1631 MT= 60 (n,n') Level 16-S -34  
 Cross Section -100.0 To -57.94%

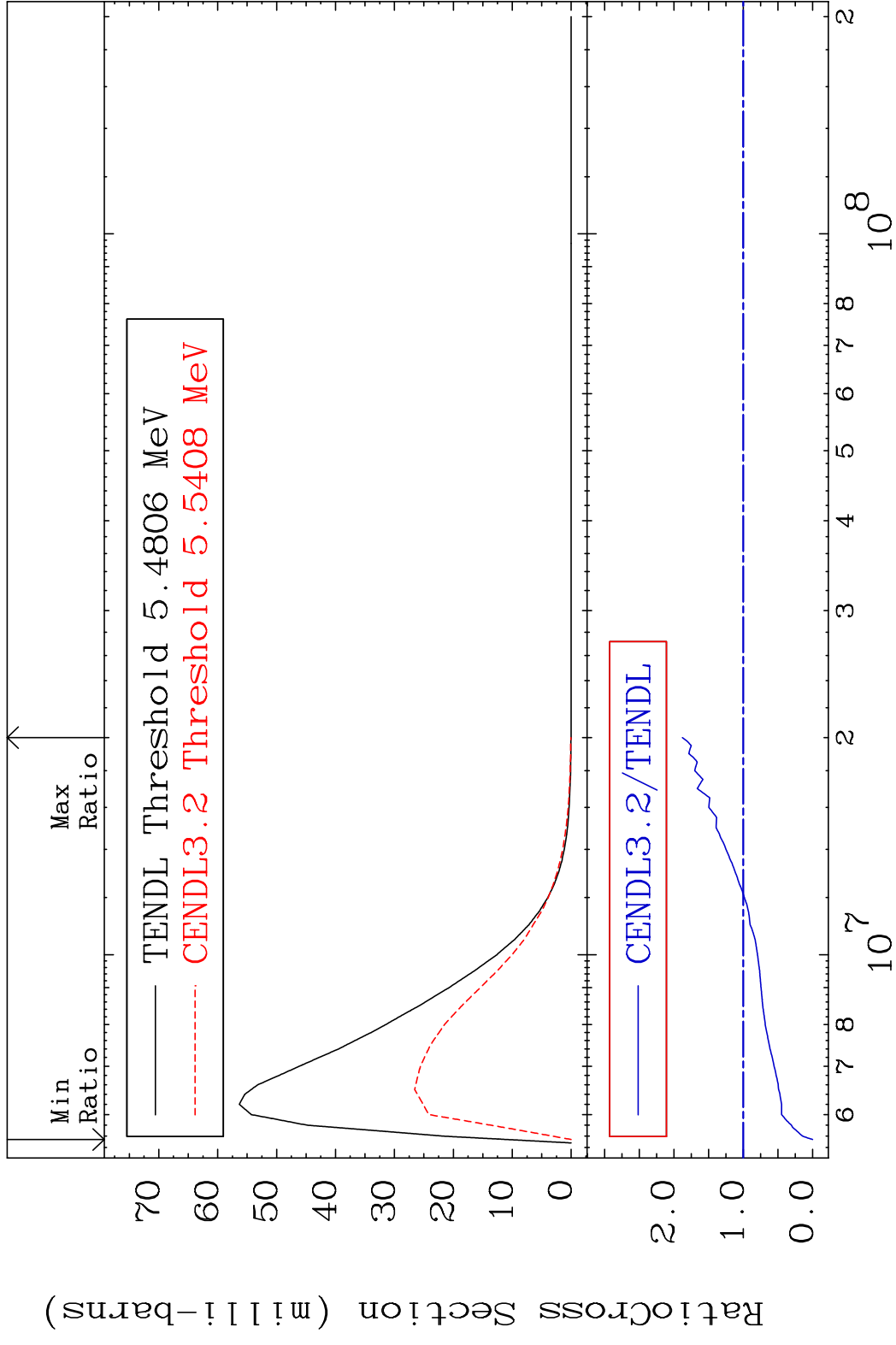


MAT 1631 MT= 61 (n,n') Level 16-S -34  
 Cross Section -100.0 To 1122. %



17 Incident Energy (eV) 16-S -34

MAT 1631 MT= 62 (n,n') Level 16-S -34  
 Cross Section -100.0 To 87.88 %

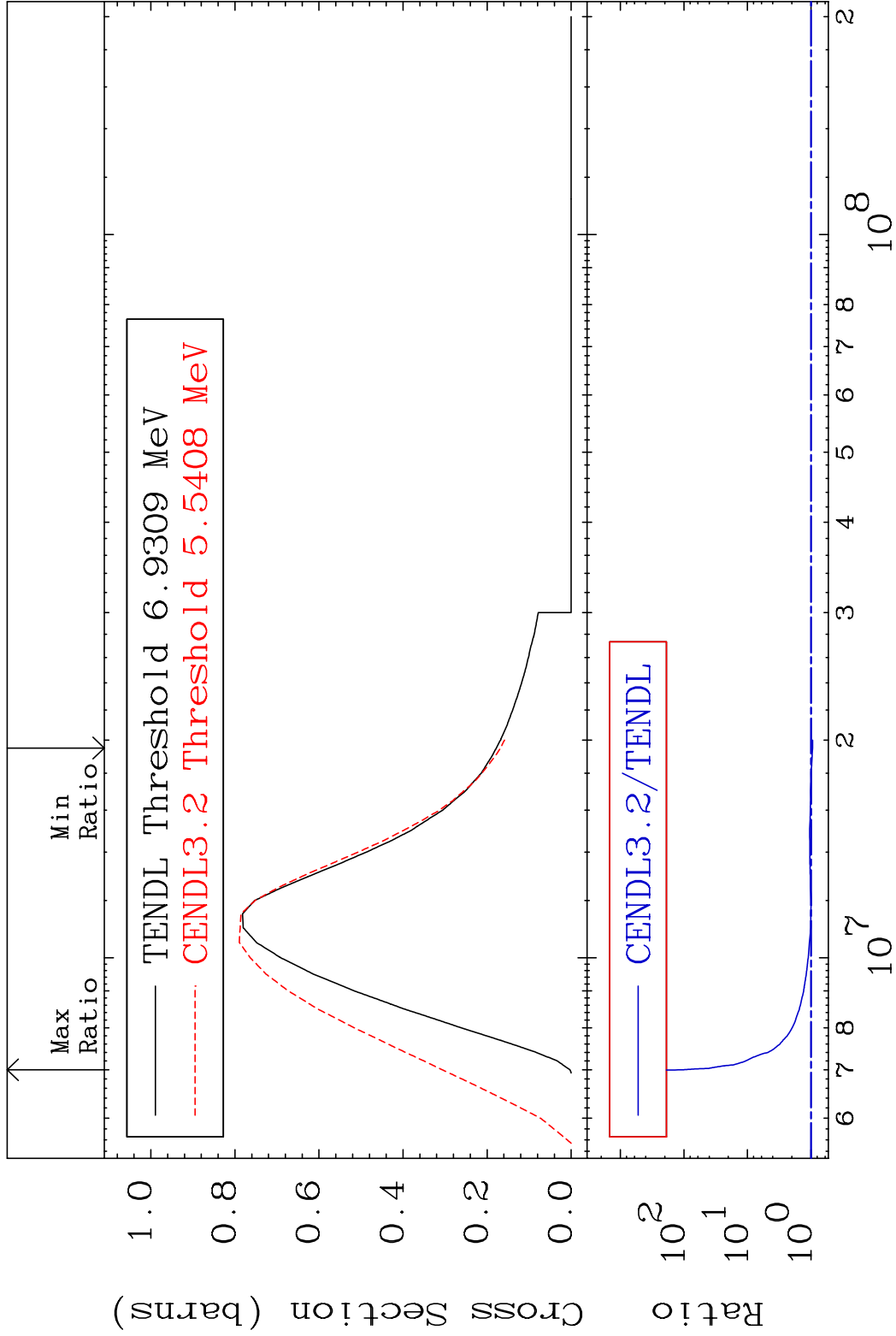


MAT 1631

(n, n') Continuum

16-S -34

Cross Section -5.662 To 9999. %

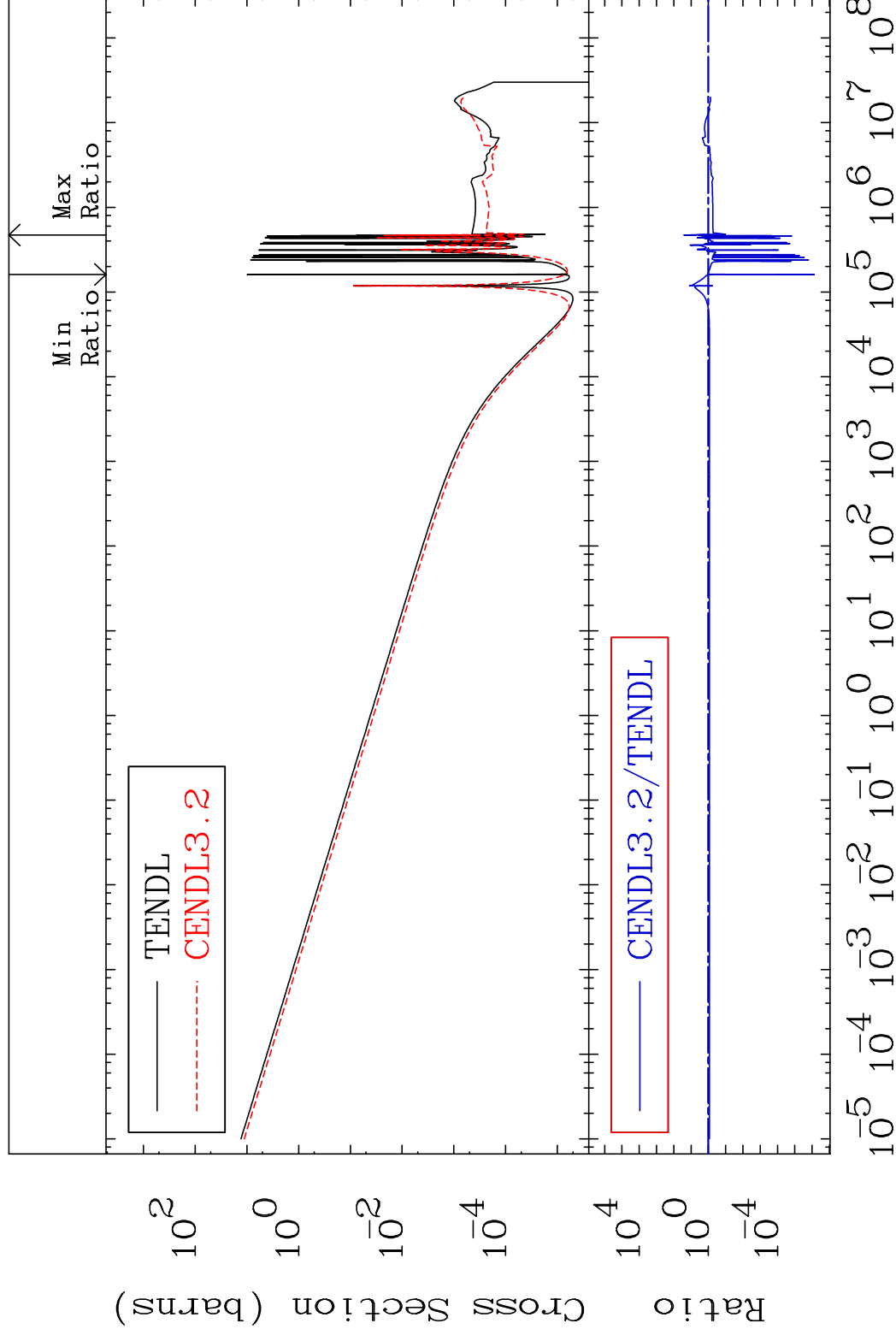


MAT 1631

(n,  $\gamma$ )

16-S -34

Cross Section -100.0 To 2445. %



20

Incident Energy (eV)

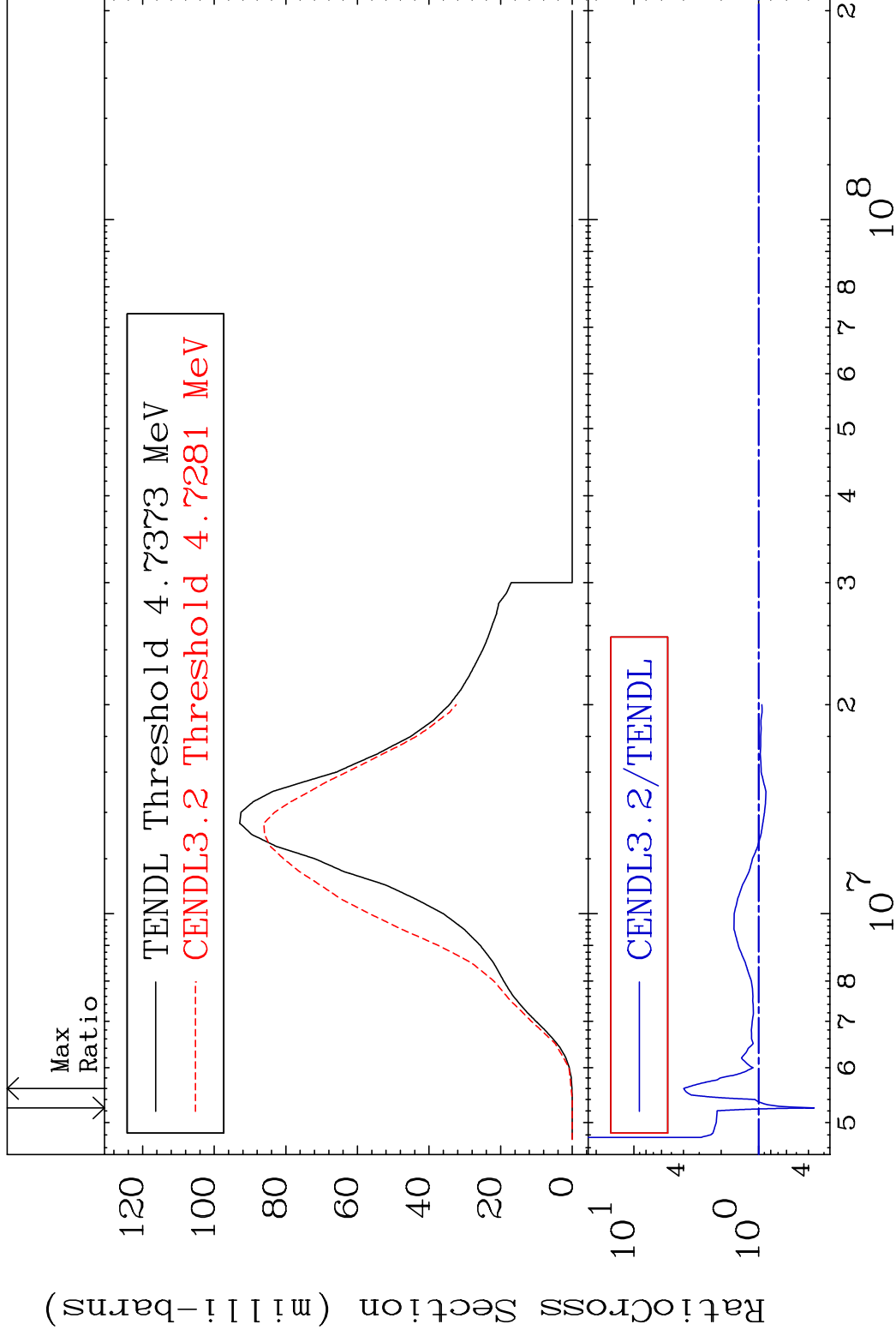
16-S -34

MAT 1631

(n,p)

16-S -34

Cross Section -63.97 To 299.2 %



21

Incident Energy (eV)

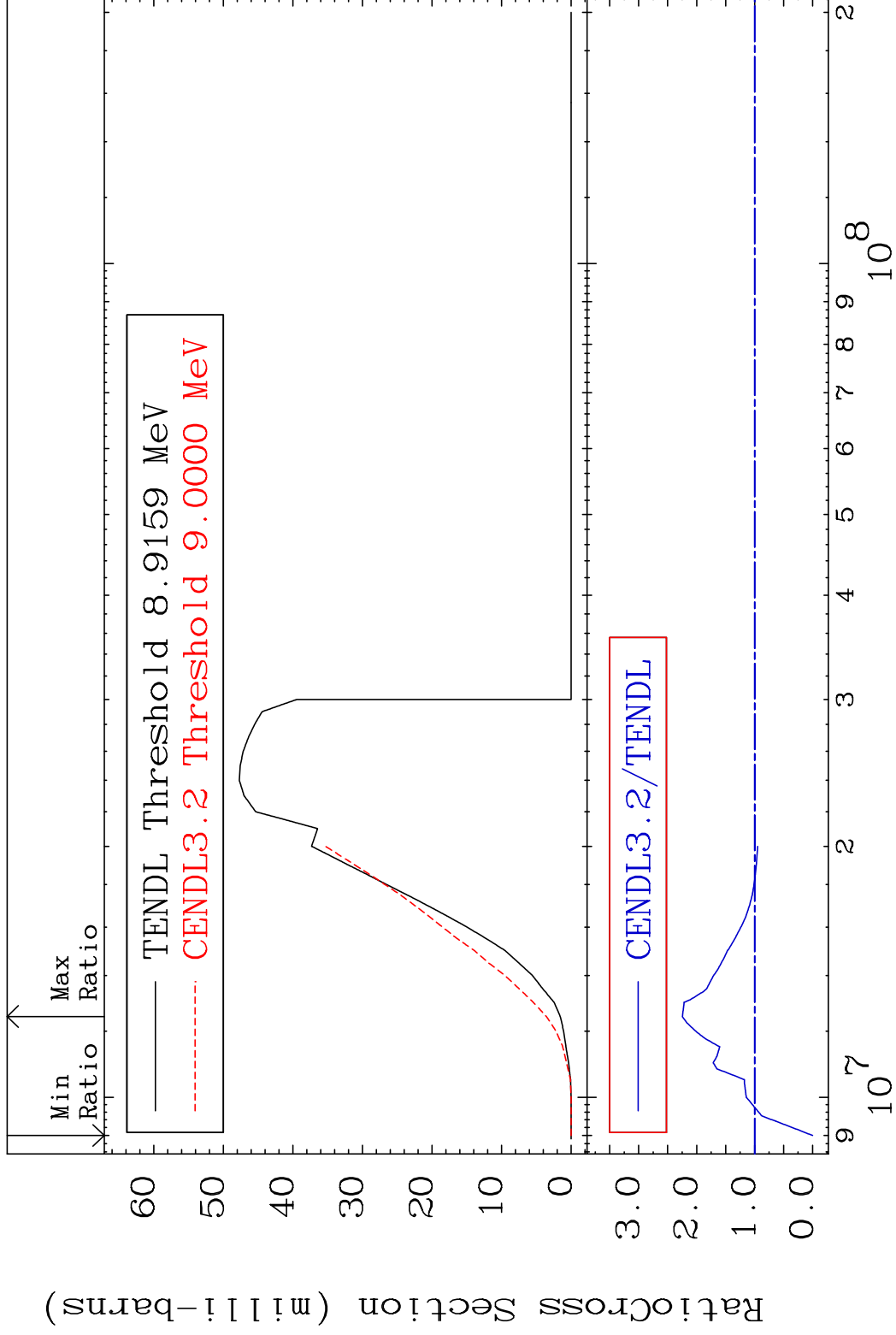
16-S -34

MAT 1631

(n,d)

16-S -34

Cross Section -100.0 To 124.7 %

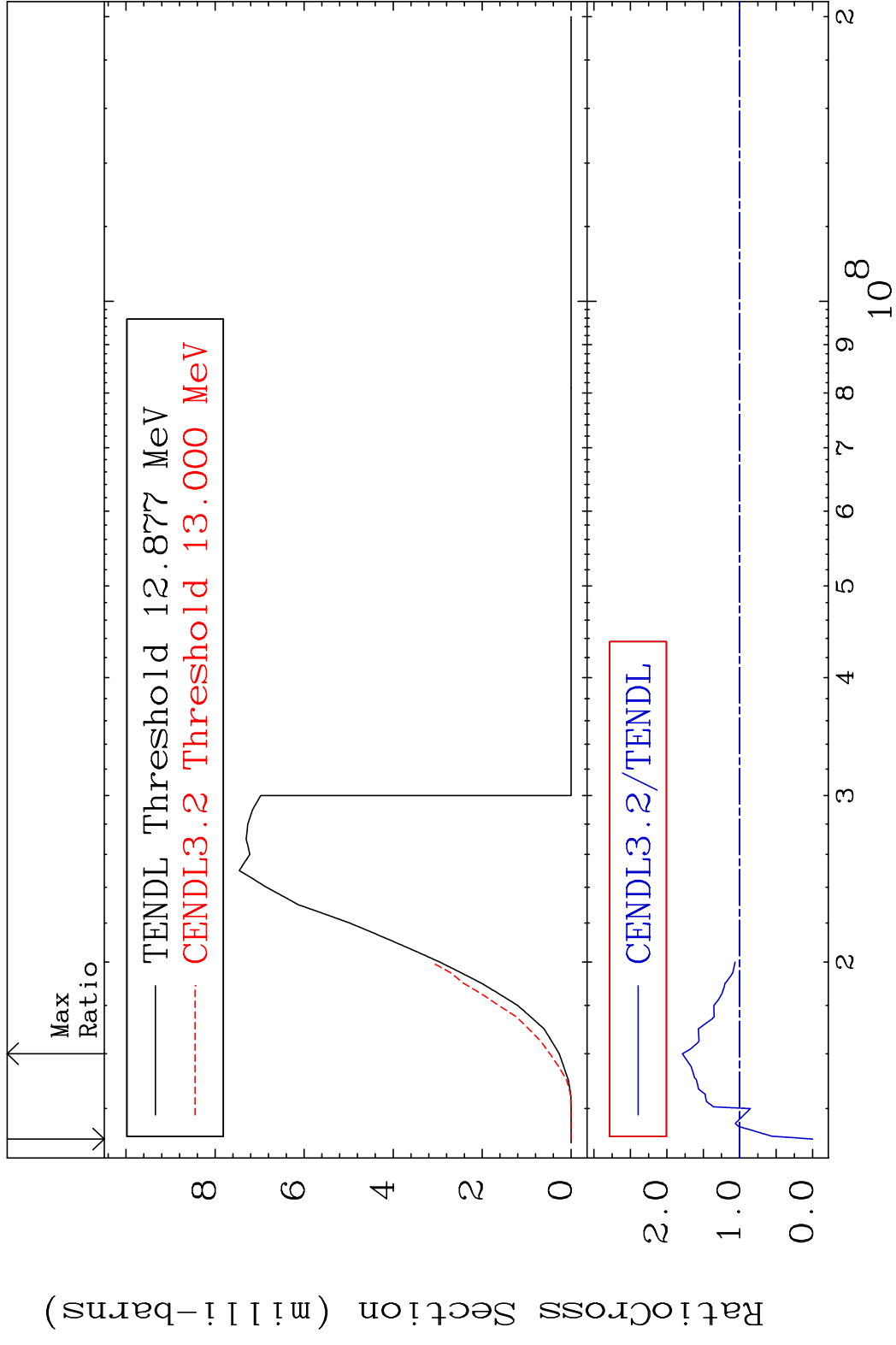


22

Incident Energy (eV)

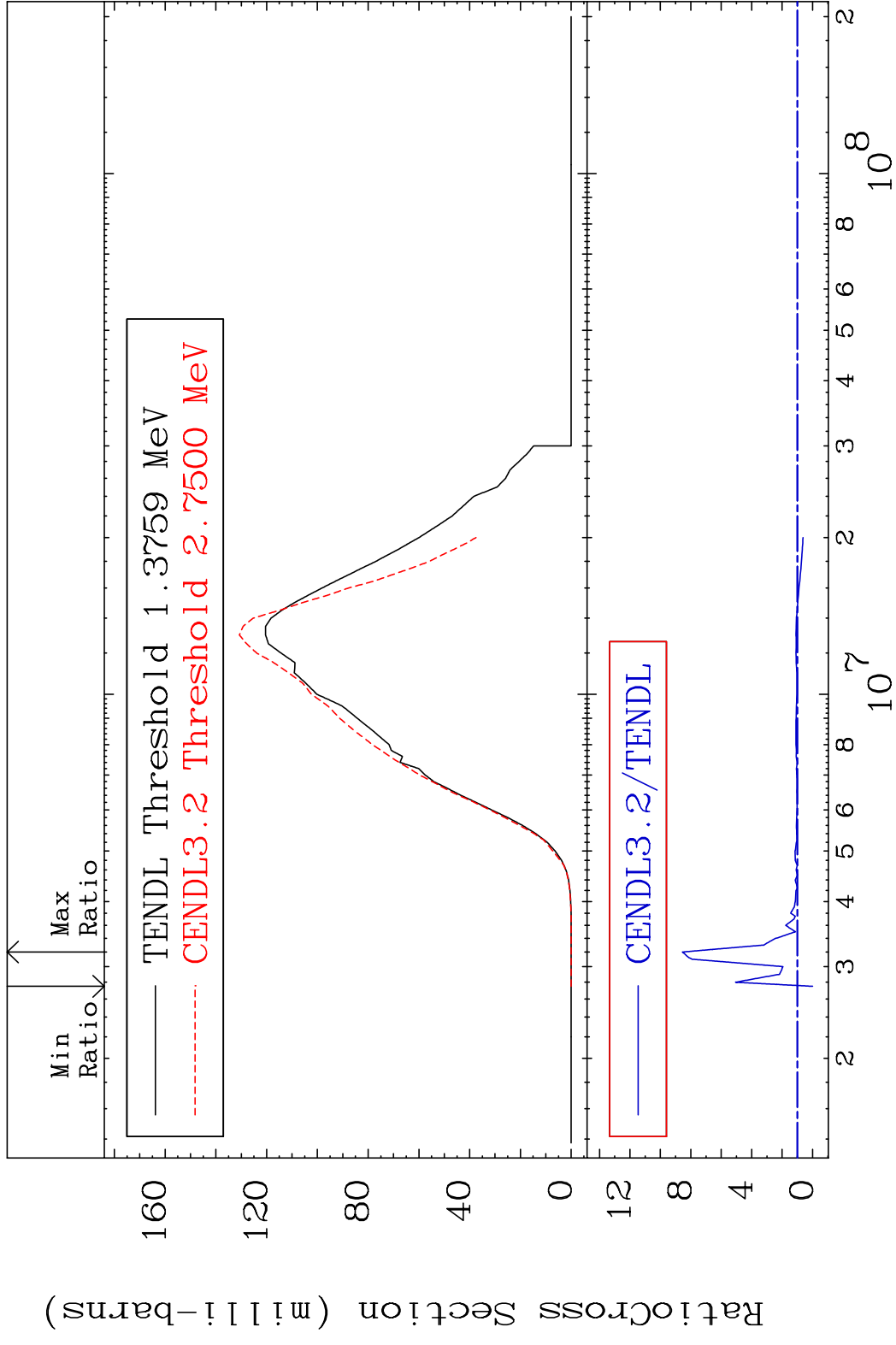
16-S -34

MAT 1631 (n, t) 16-S -34  
 Cross Section -100.0 To 78.70 %

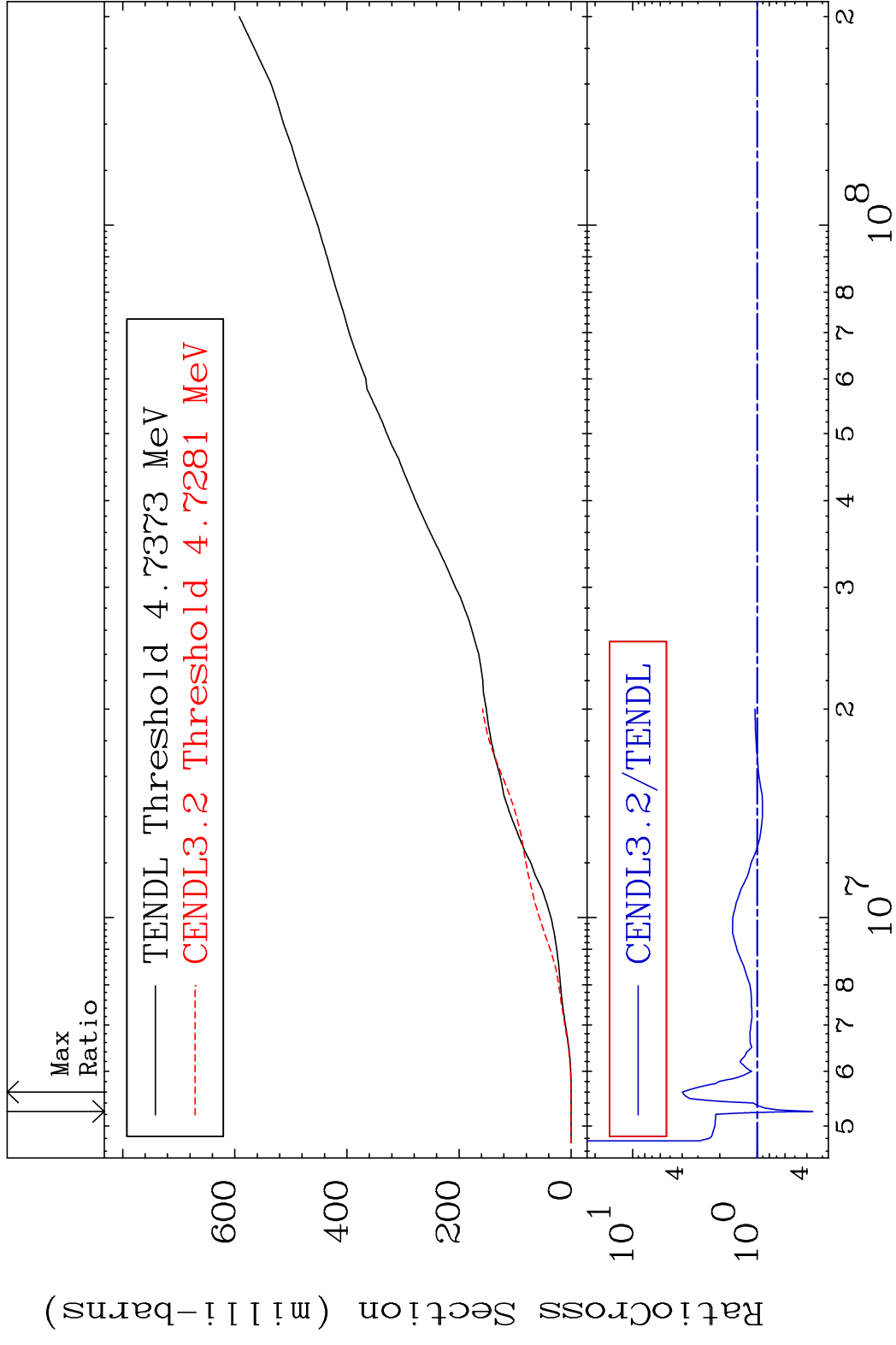




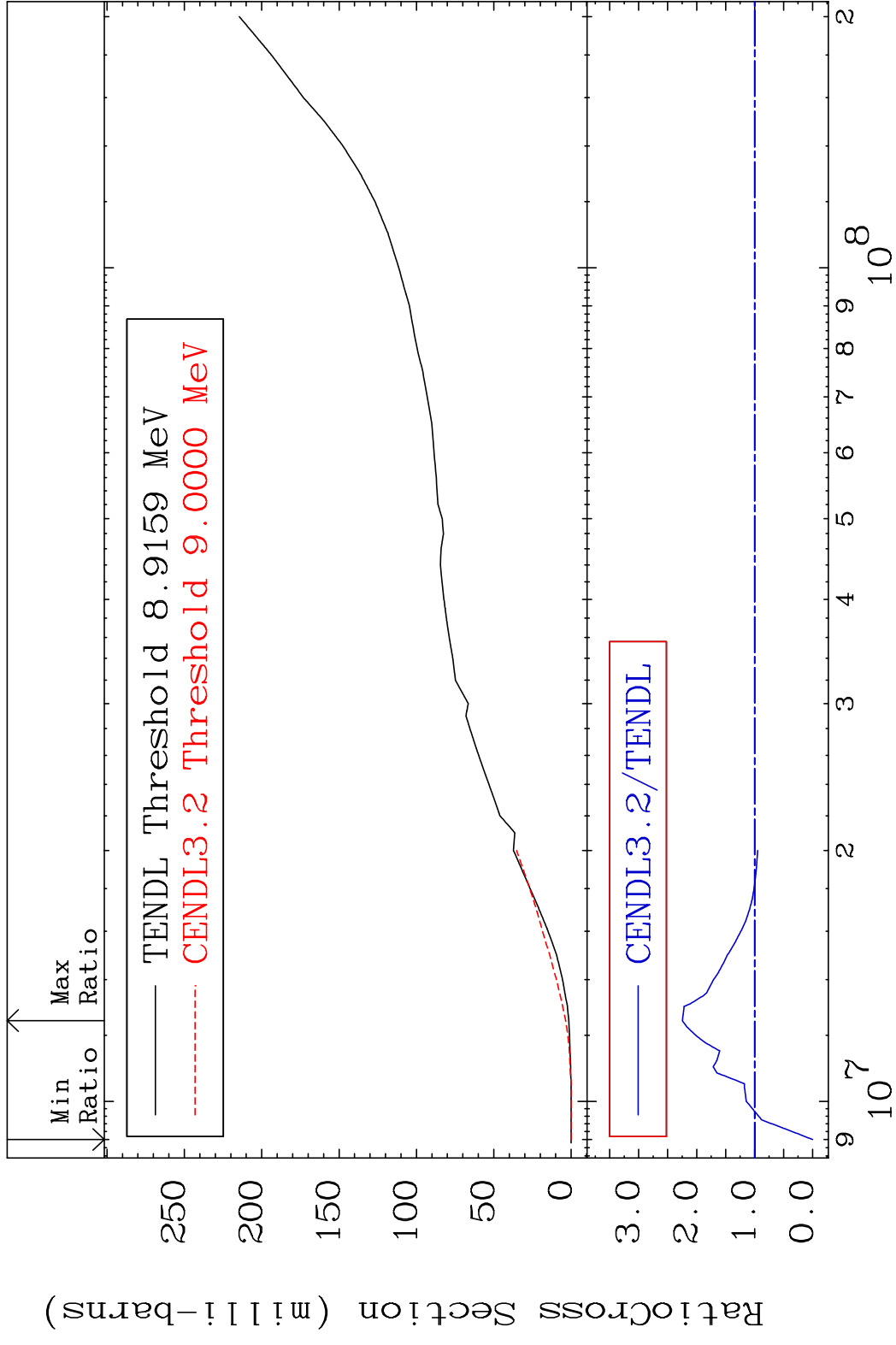
MAT 1631 (n,  $\alpha$ ) 16-S -34  
 Cross Section -100.0 To 755.6 %



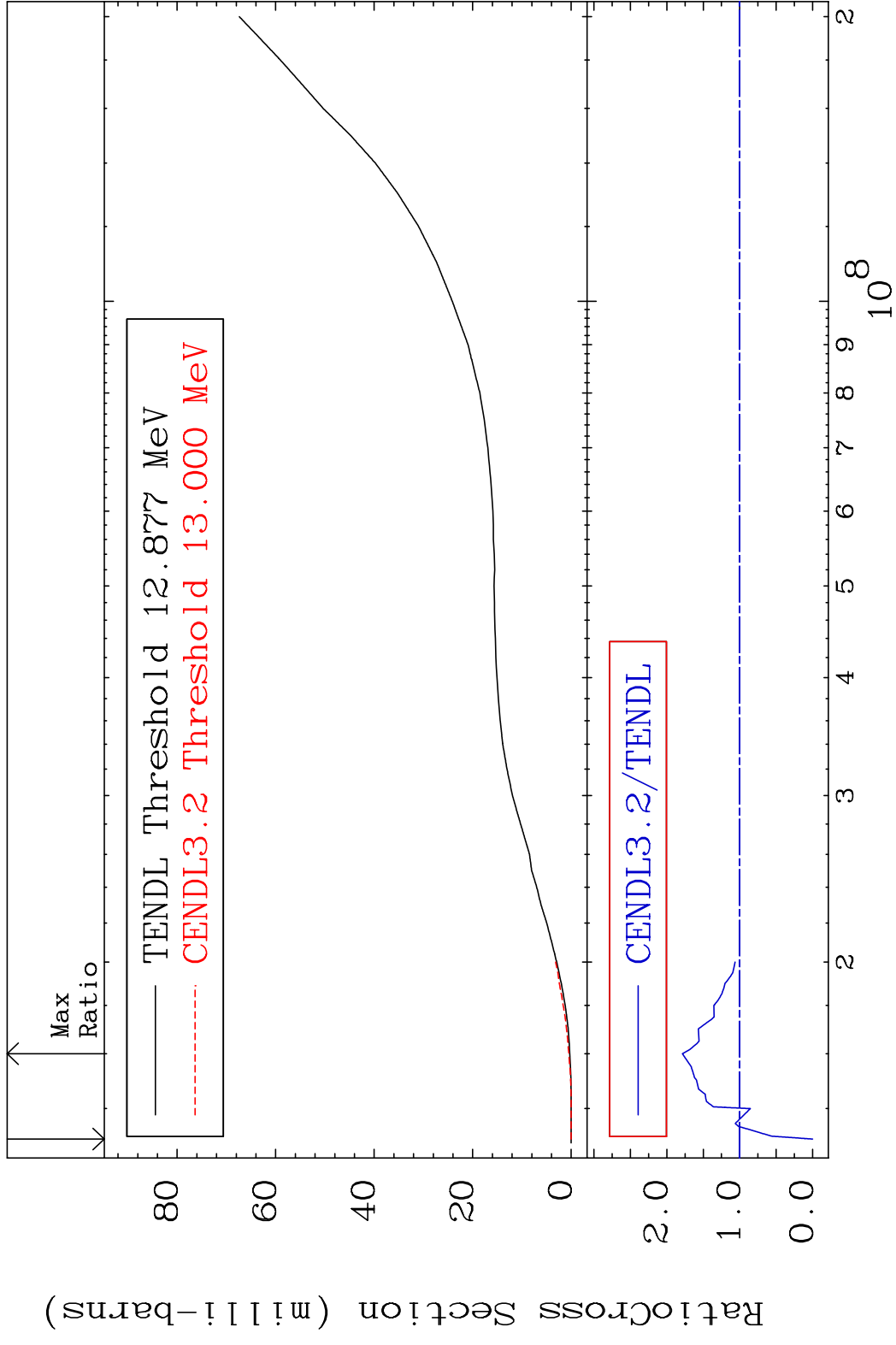
MAT 1631 Hydrogen Production 16-S -34  
 Cross Section -63.97 To 299.2 %



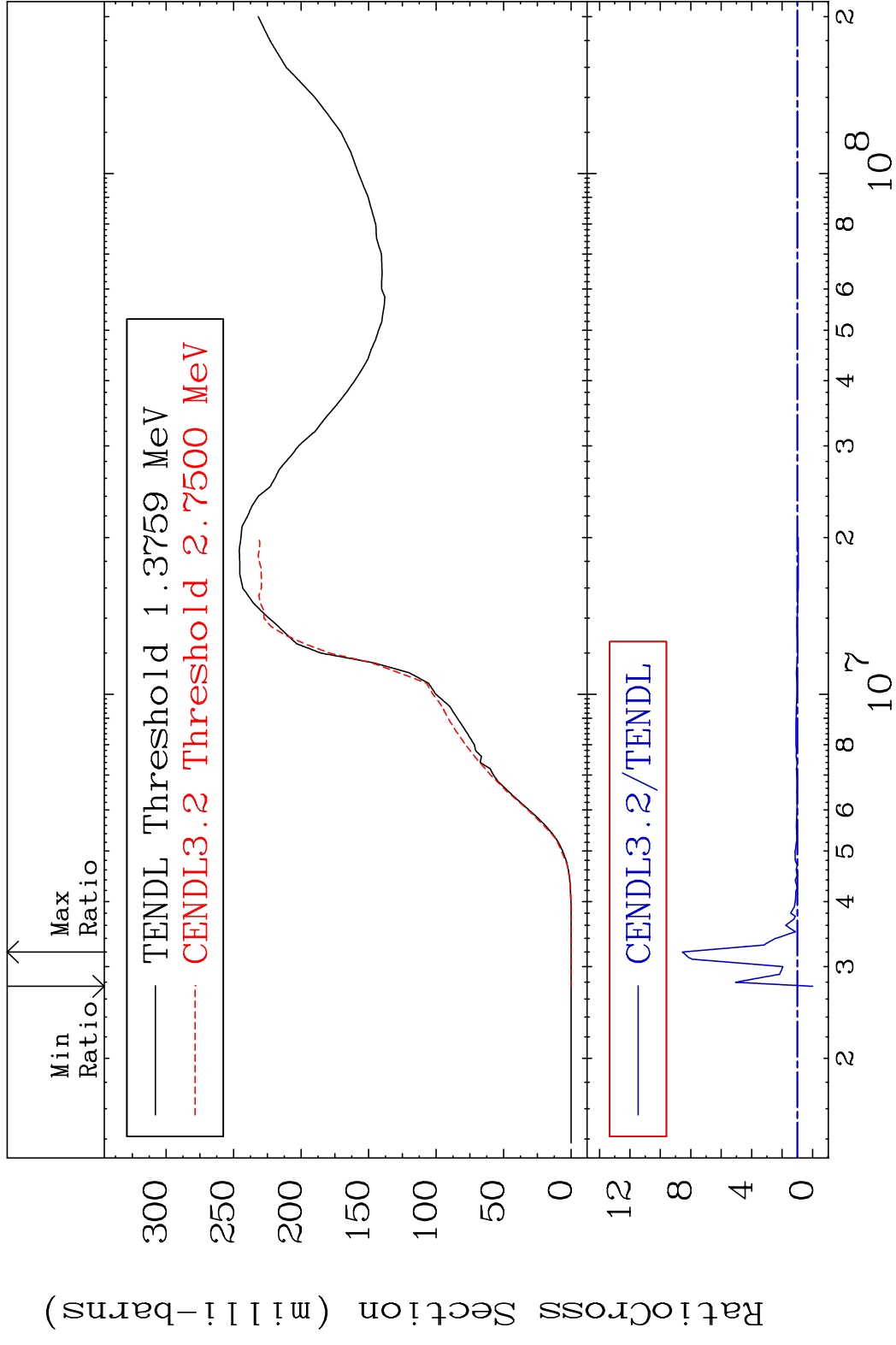
MAT 1631 Deuterium Production 16-S -34  
 Cross Section -100.0 To 124.7 %



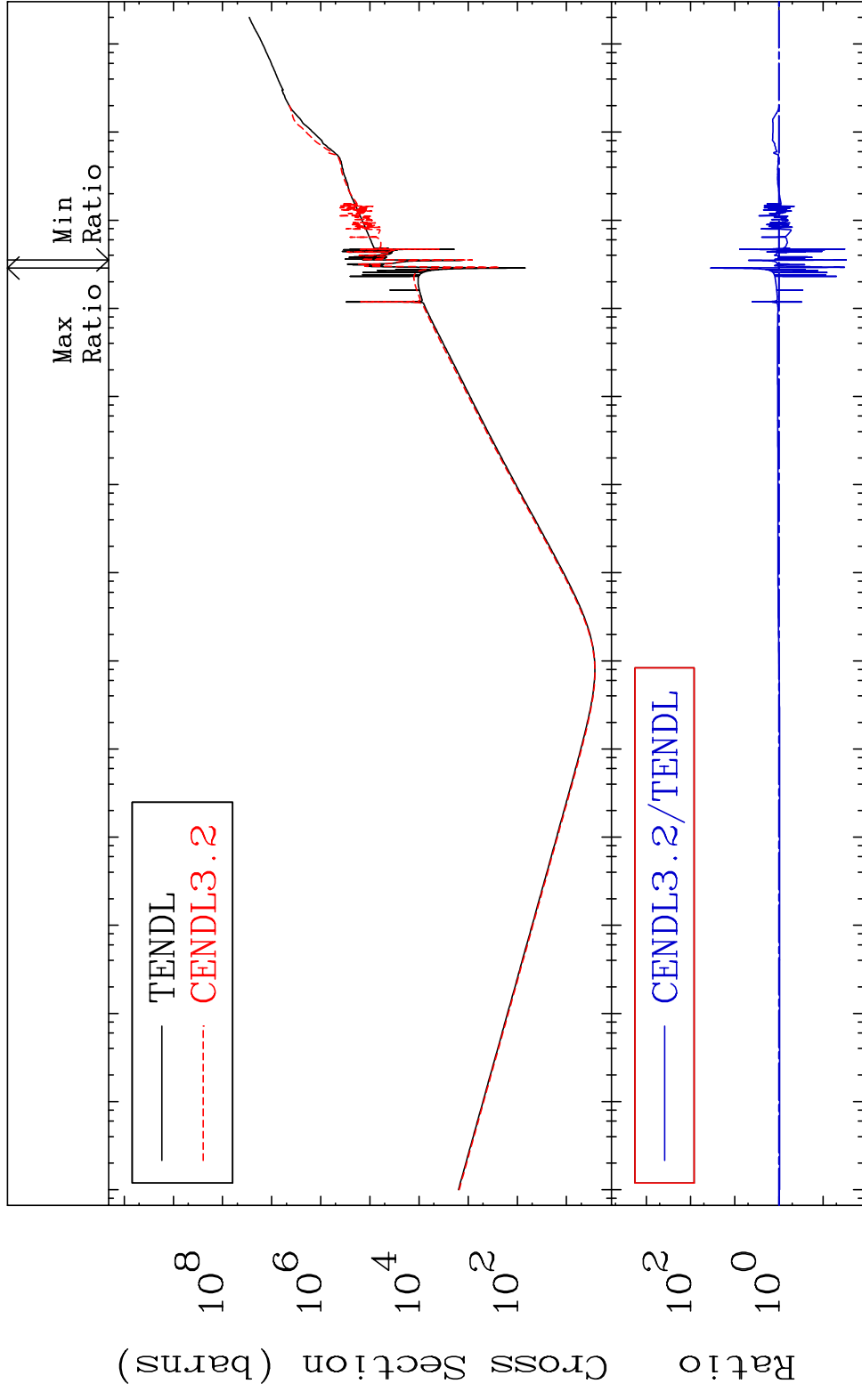
MAT 1631 Tritium Production 16-S -34  
 Cross Section -100.0 To 78.70 %



MAT 1631 He-4 Production 16-S -34  
 Cross Section -100.0 To 755.6 %



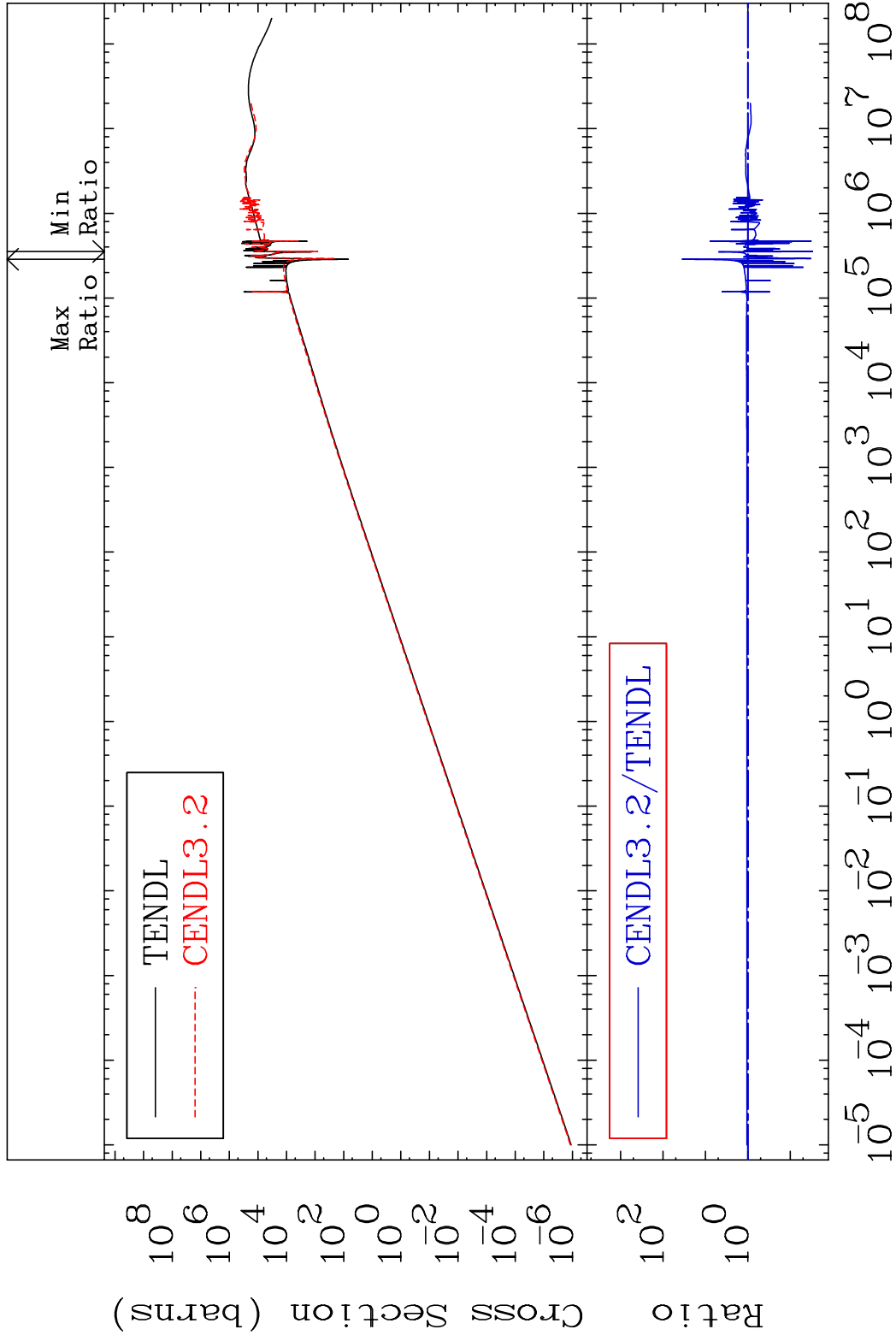
MAT 1631 Kerma total (eV-barns) 16-S -34  
 Cross Section -97.00 To 3414. %



MAT 1631

Kerma elastic  
Cross Section

16-S -34  
-97.00 To 3416. %

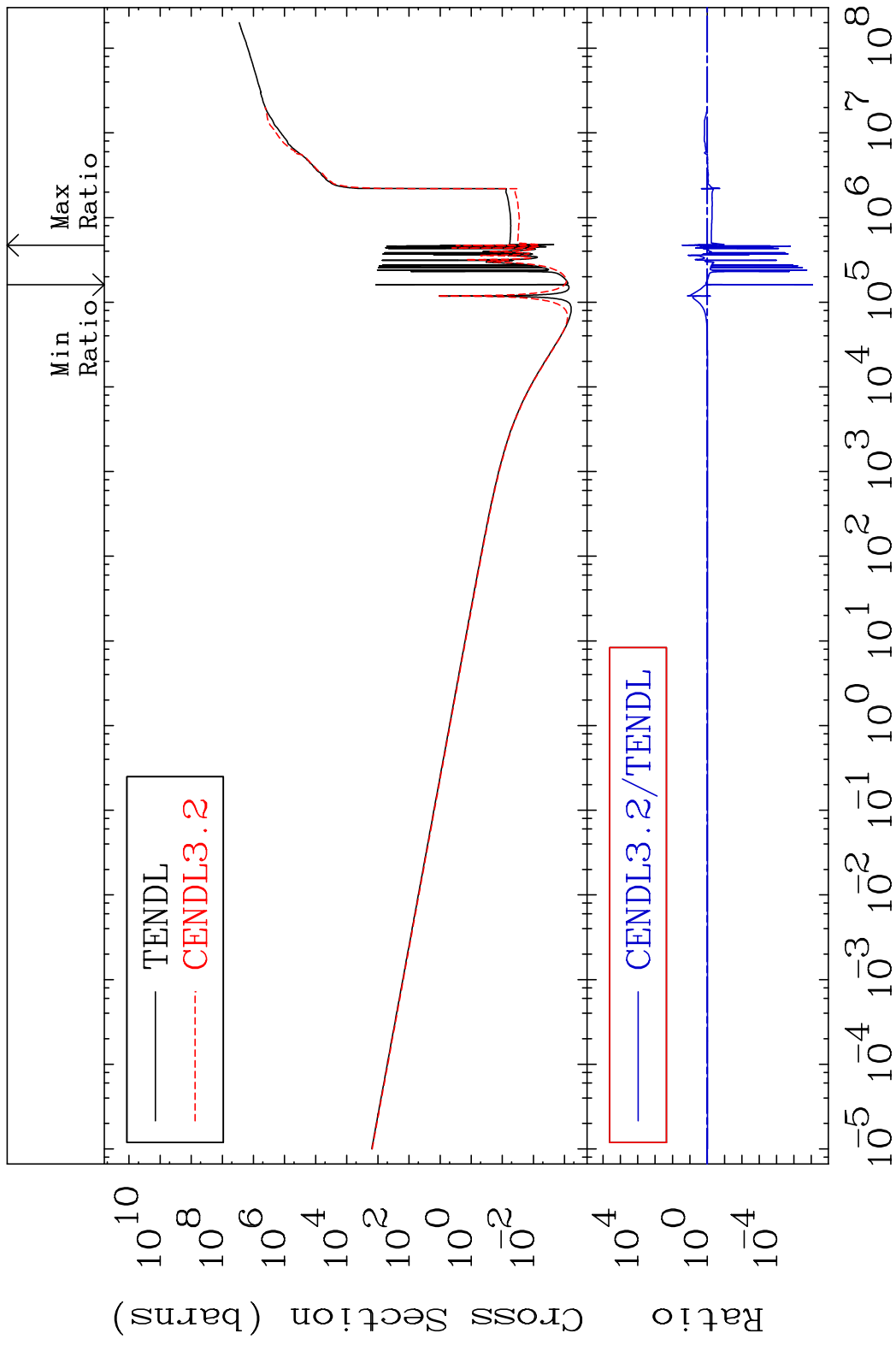


30

Incident Energy (eV)

16-S -34

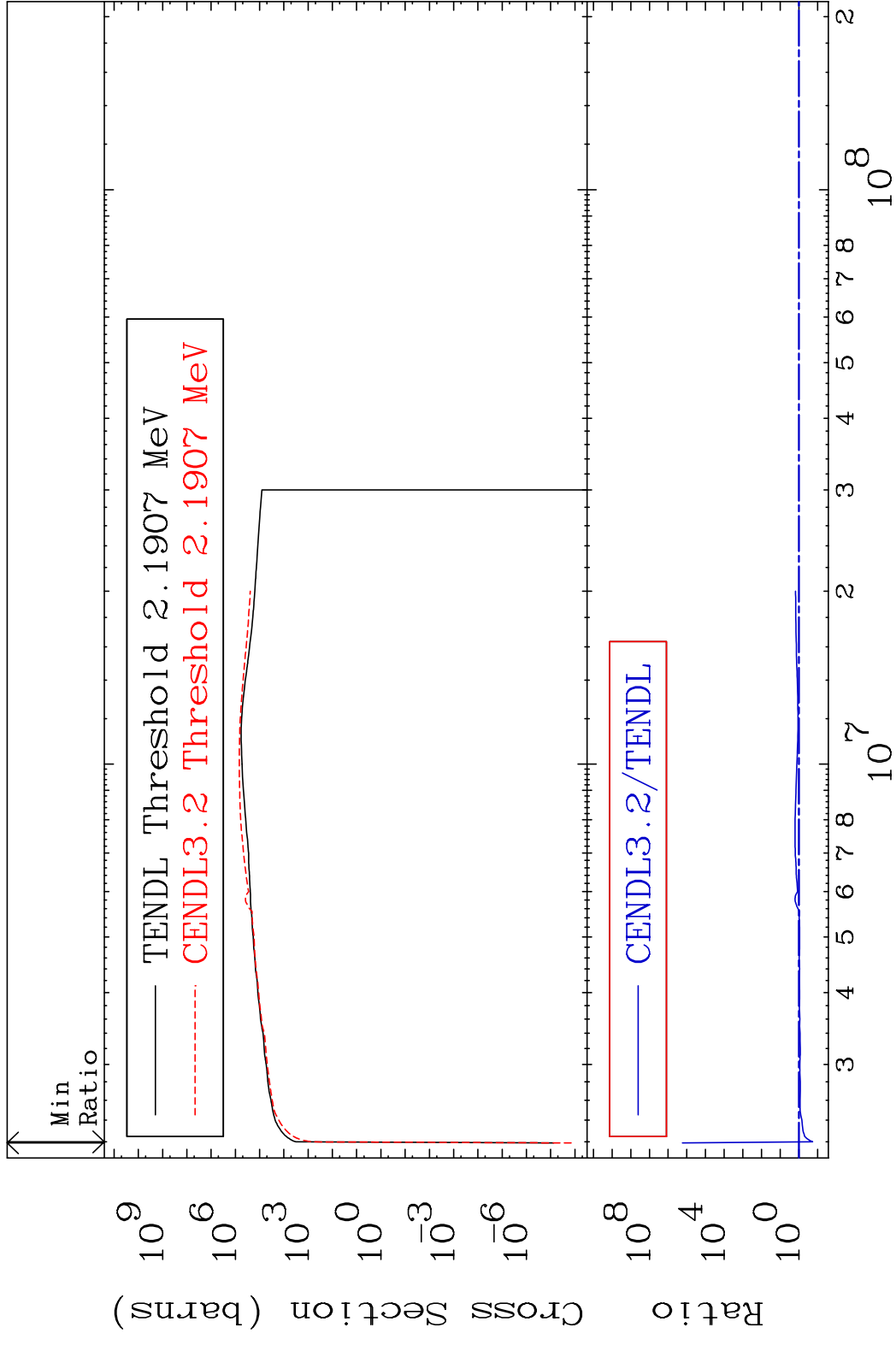
MAT 1631 Kerma non-elastic (all but mt2) 16-S -34  
 Cross Section -100.0 To 2591. %



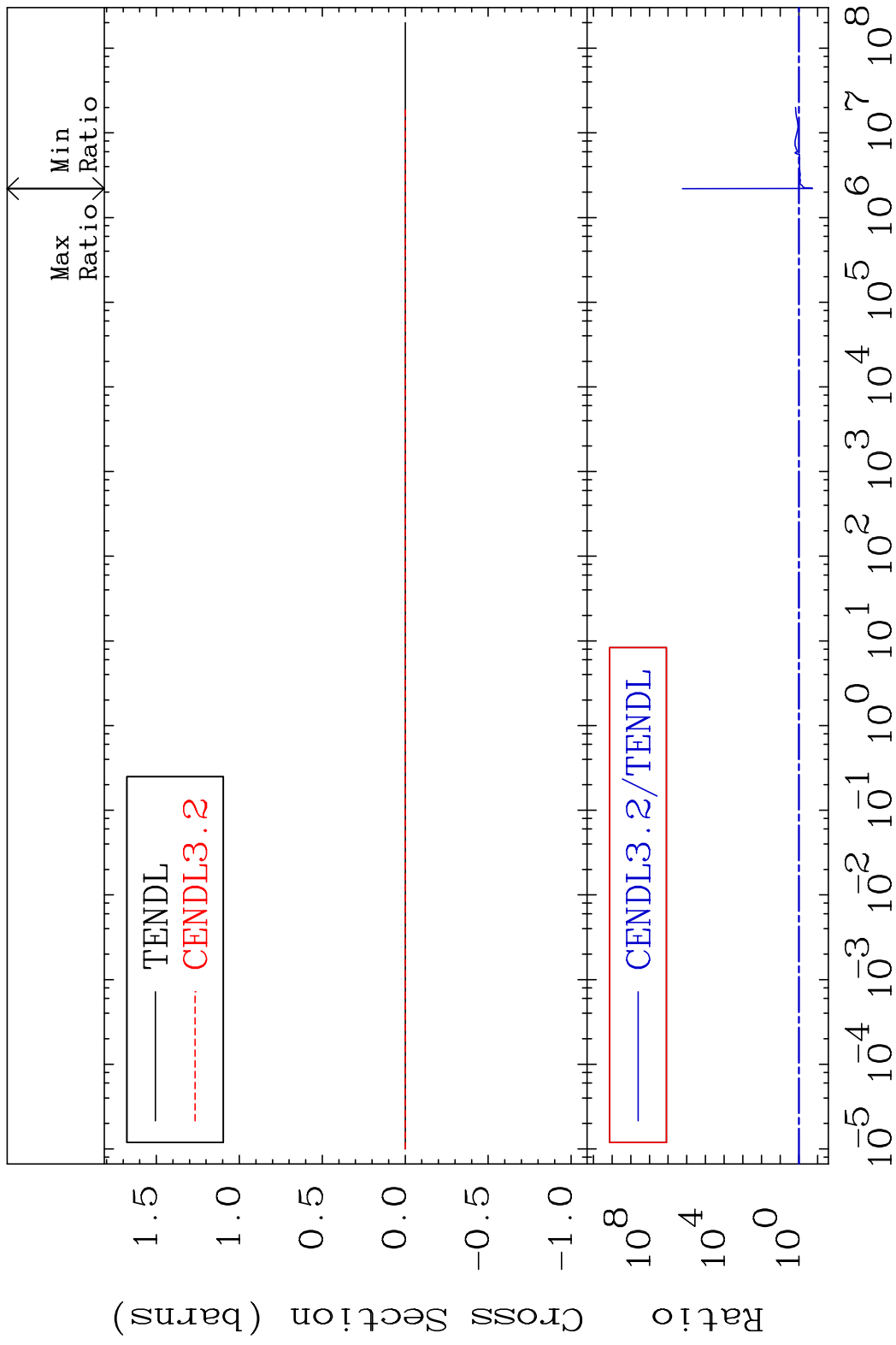
31 Incident Energy (eV) 16-S -34



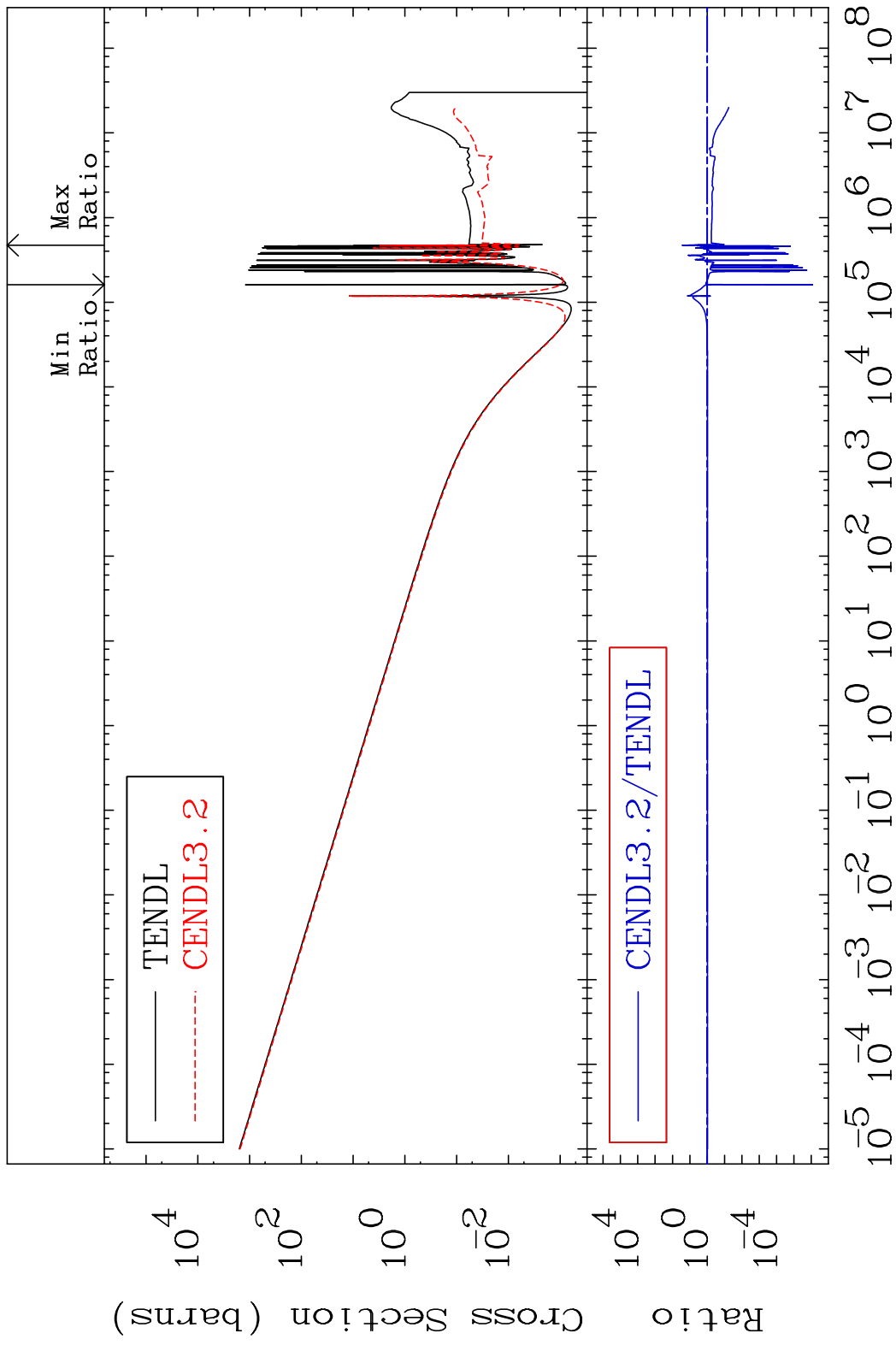
MAT 1631 Kerma inelastic (mt51-91) 16-S -34  
 Cross Section -81.17 To 9999. %



MAT 1631 Kerma fission (mt18 or mt19-20-21-38) 16-S -34  
 Cross Section -81.17 To 9999. %

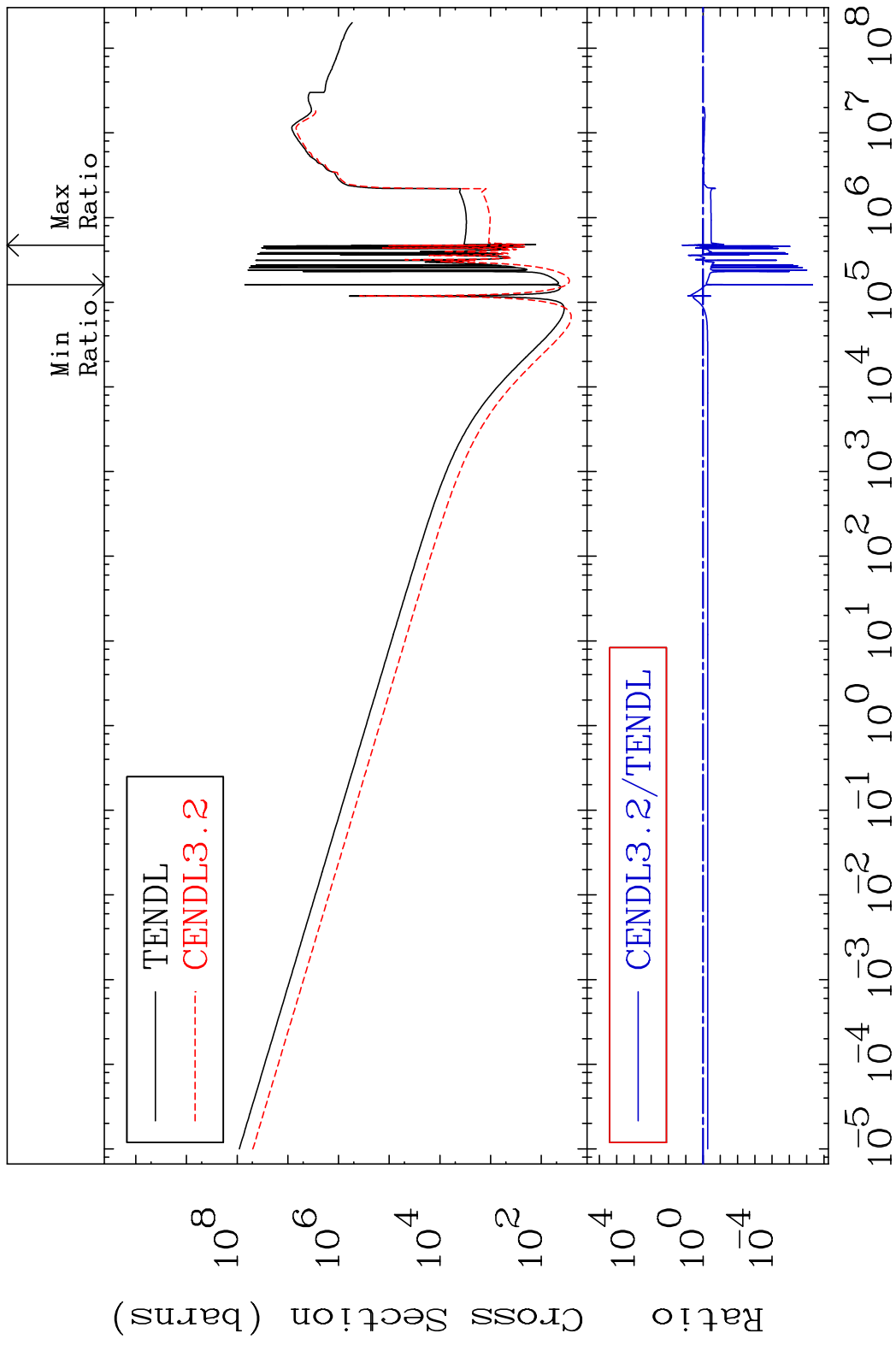


MAT 1631 Kerma capture (mt102) 16-S -34  
 Cross Section -100.0 To 2591. %



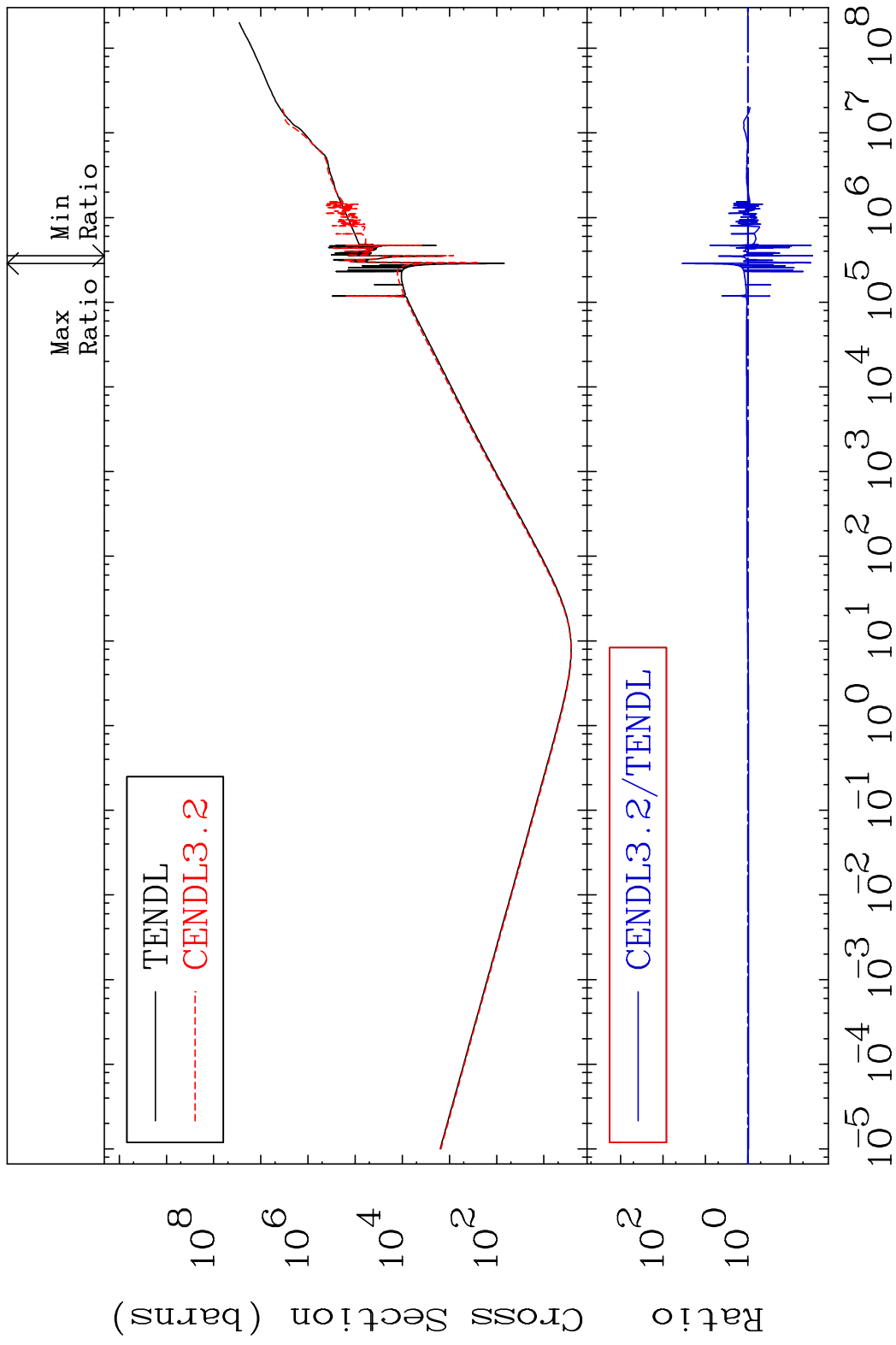
34 Incident Energy (eV) 16-S -34

MAT 1631 Total photon (eV-barns) 16-S -34  
 Cross Section -100.0 To 1474. %



35 Incident Energy (eV) 16-S -34

MAT 1631 Total kinematic kerma (high limit) 16-S -34  
 Cross Section -97.00 To 3414. %

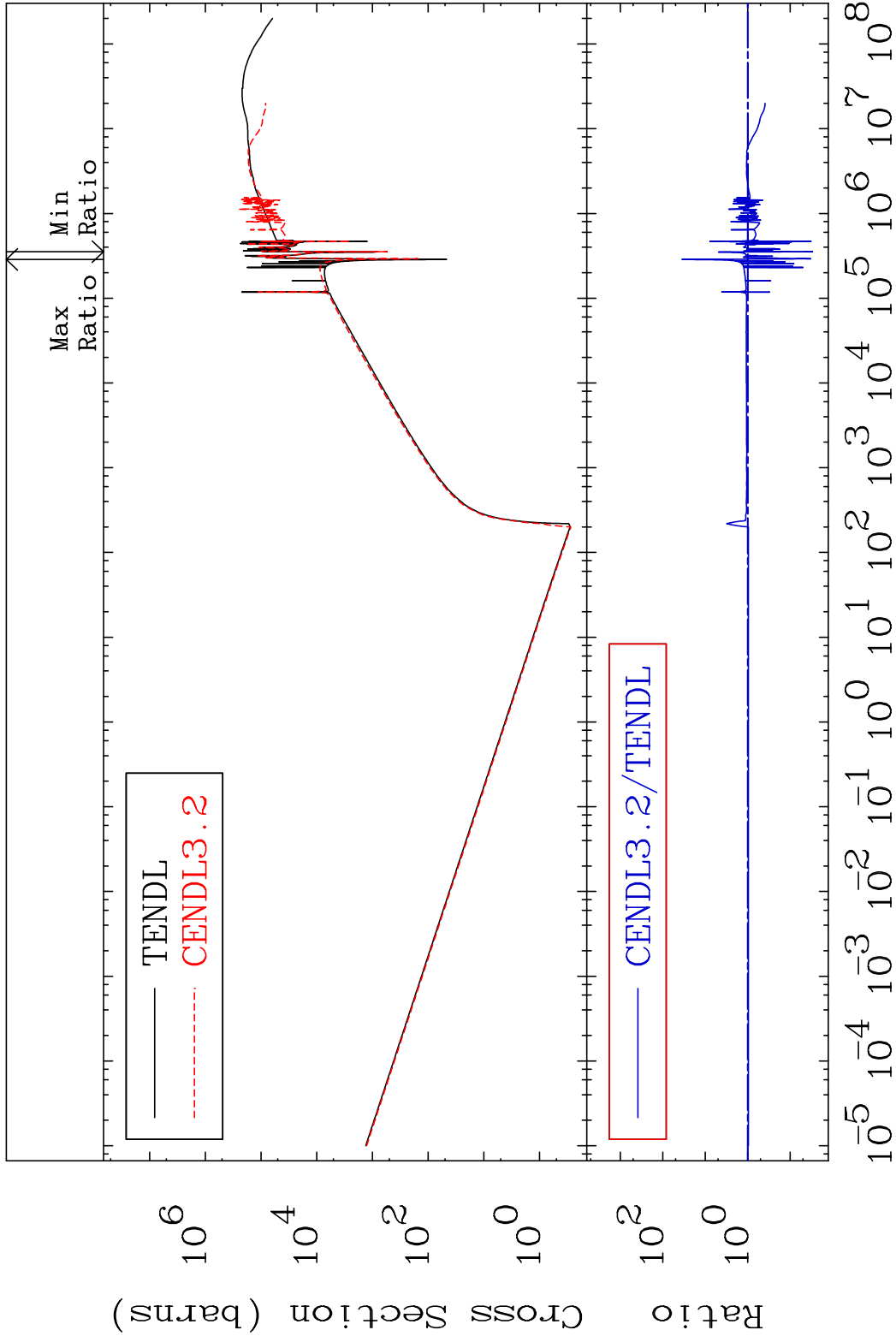


MAT 1631

Dpa total (eV-barns)

16-S -34

Cross Section -97.01 To 3405. %



37

Incident Energy (eV)

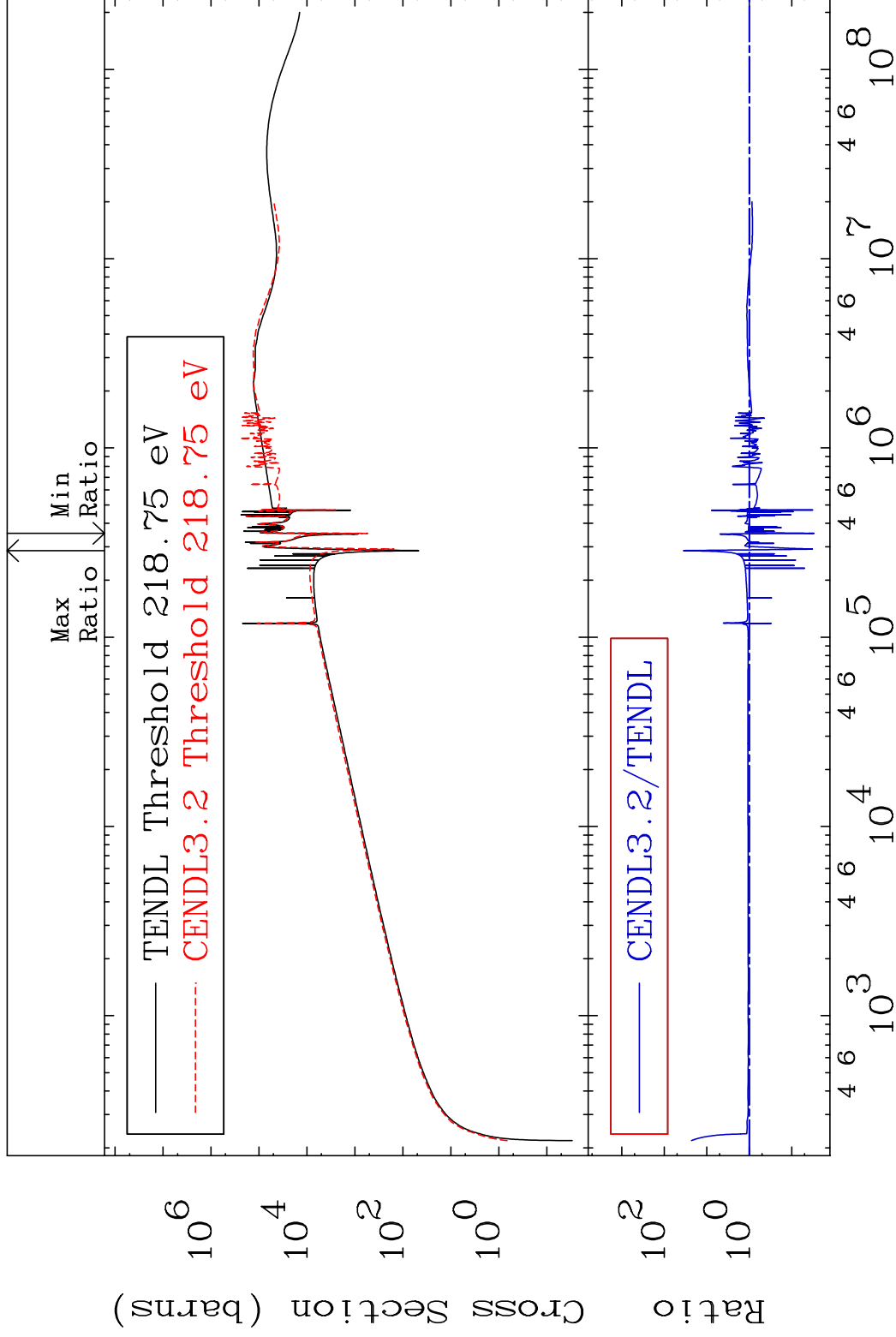
16-S -34

MAT 1631

Dpa elastic (mt2)

16-S -34

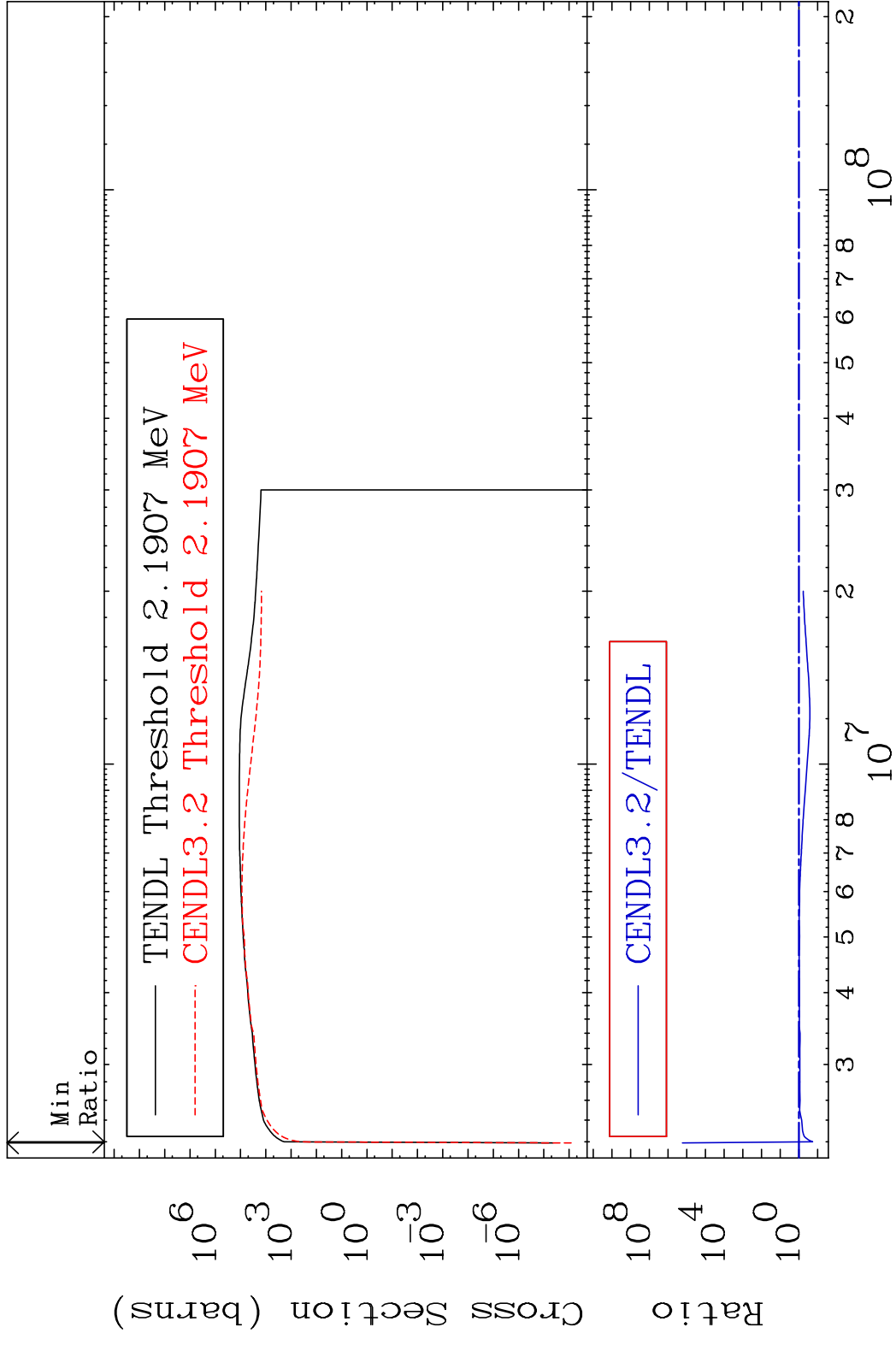
Cross Section -97.01 To 3408. %



38

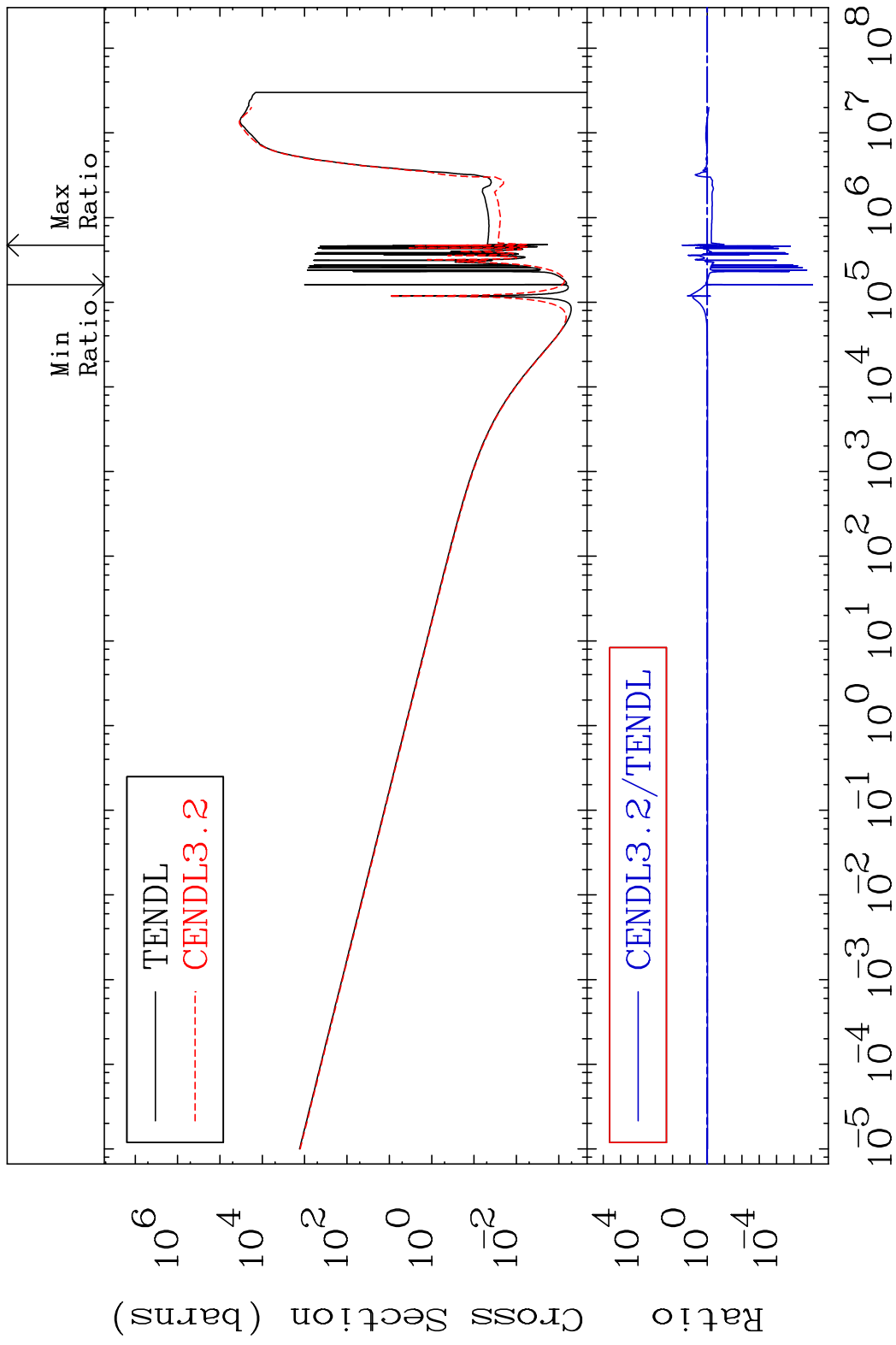
Incident Energy (eV) 16-S -34

MAT 1631      Dpa inelastic (mt51-91)      16-S -34  
 Cross Section      -81.17 To 9999. %



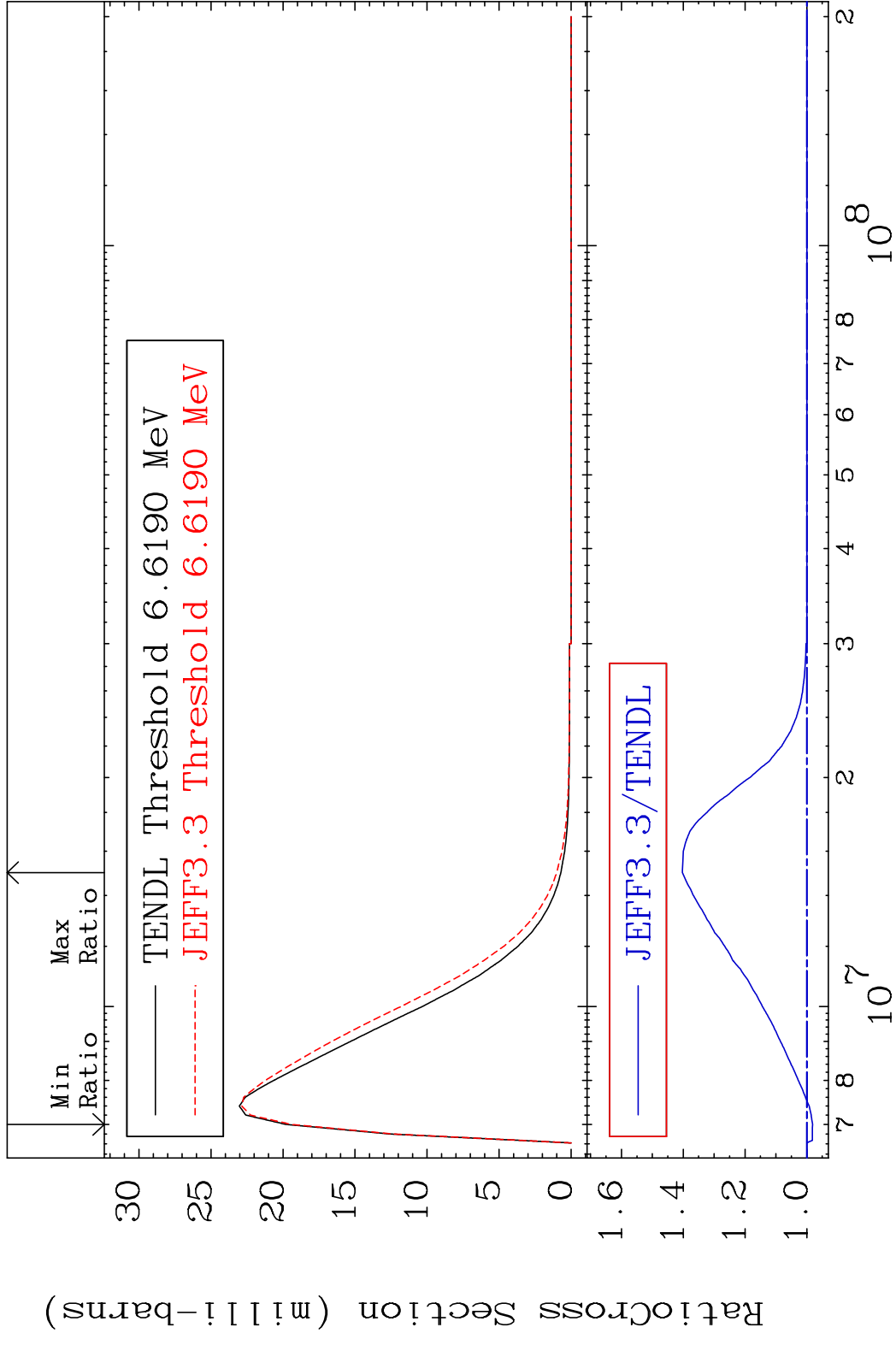


MAT 1631 Dpa disappearance (mt102 -120) 16-S -34  
 Cross Section -100.0 To 2599. %

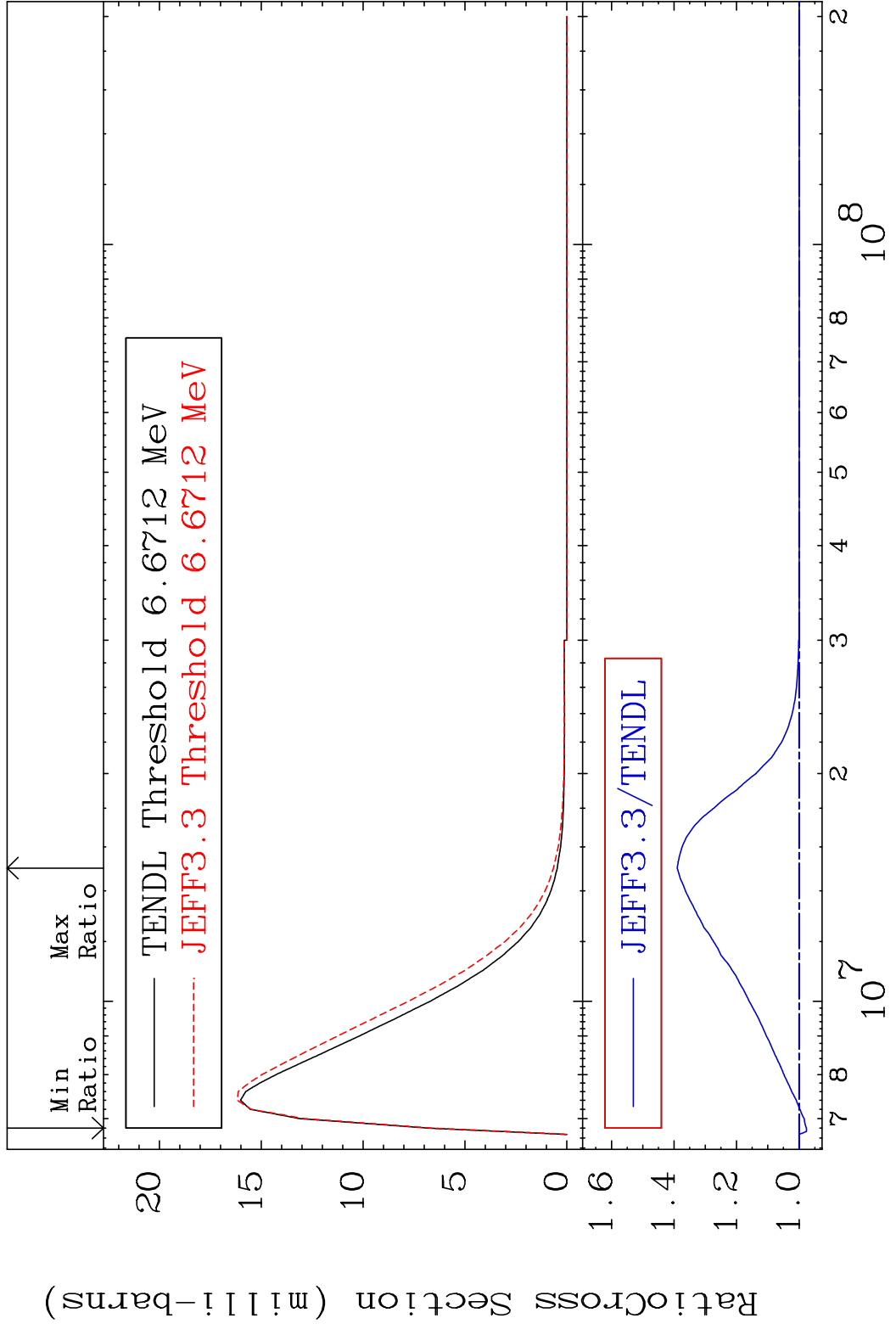


40 Incident Energy (eV) 16-S -34

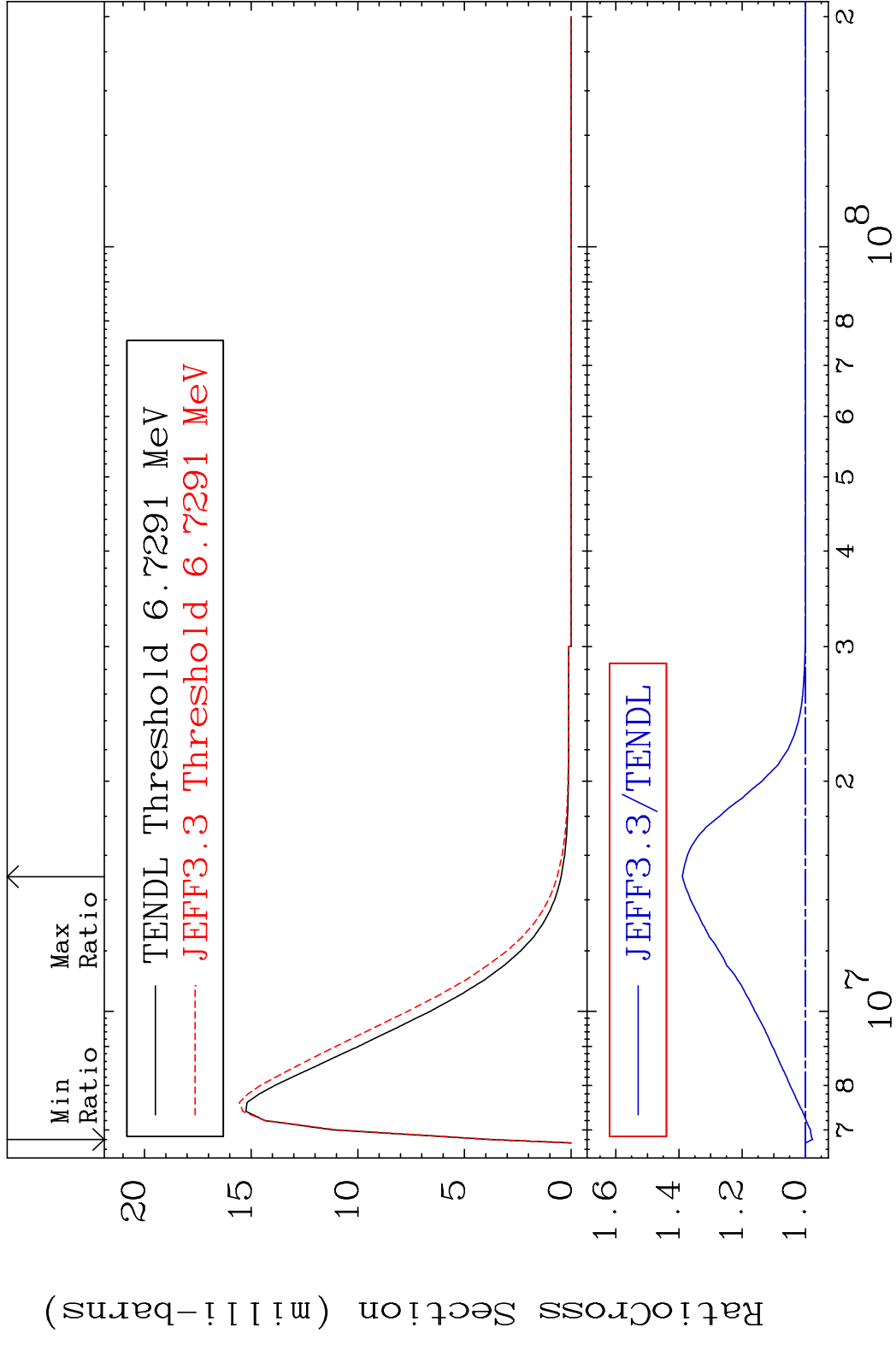
MAT 1631 MT= 75 (n,n') Level 16-S -34  
 Cross Section -1.864 To 40.29 %



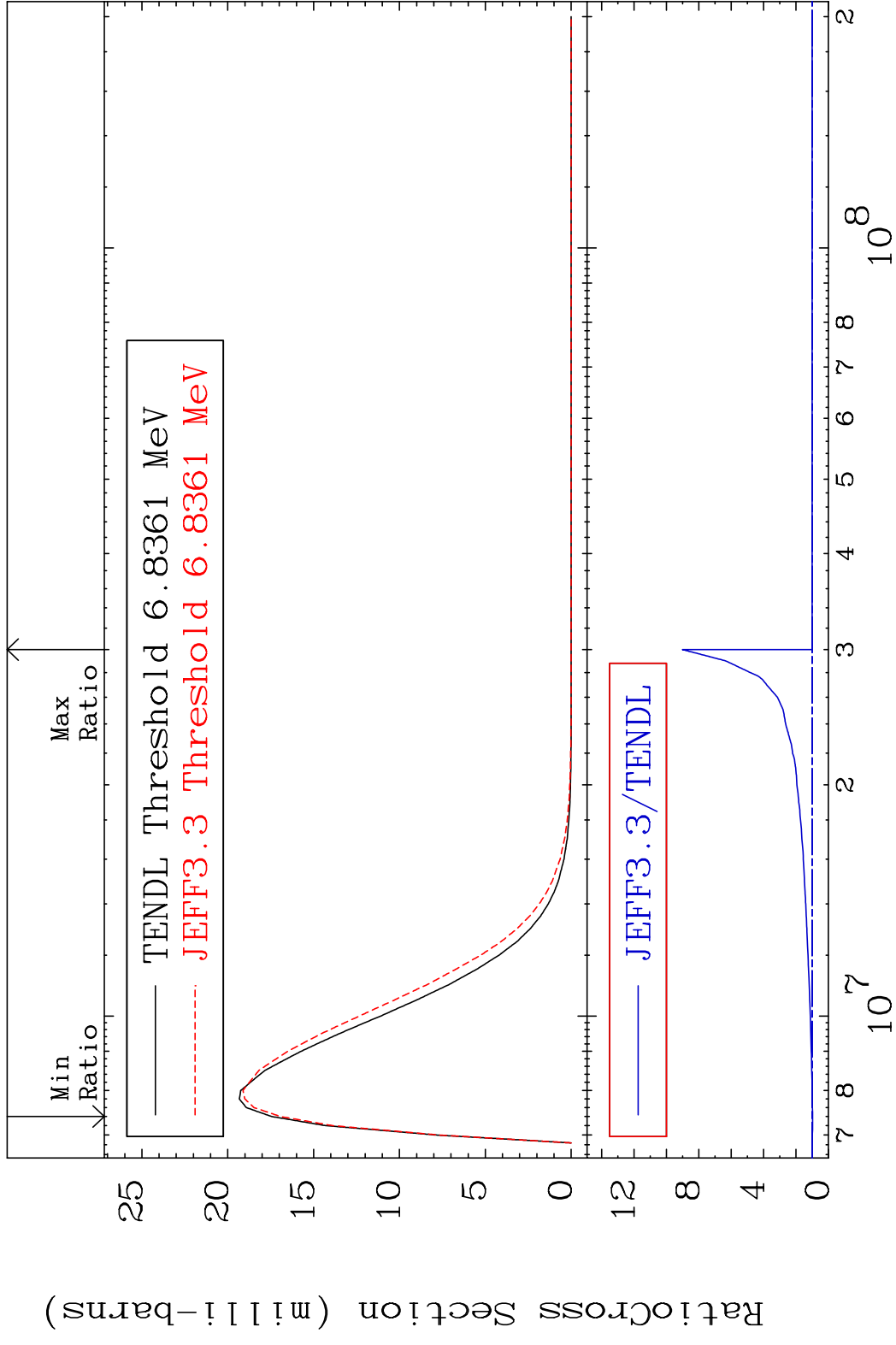
MAT 1631 MT= 76 (n,n') Level 16-S -34  
 Cross Section -2.336 To 38.99 %



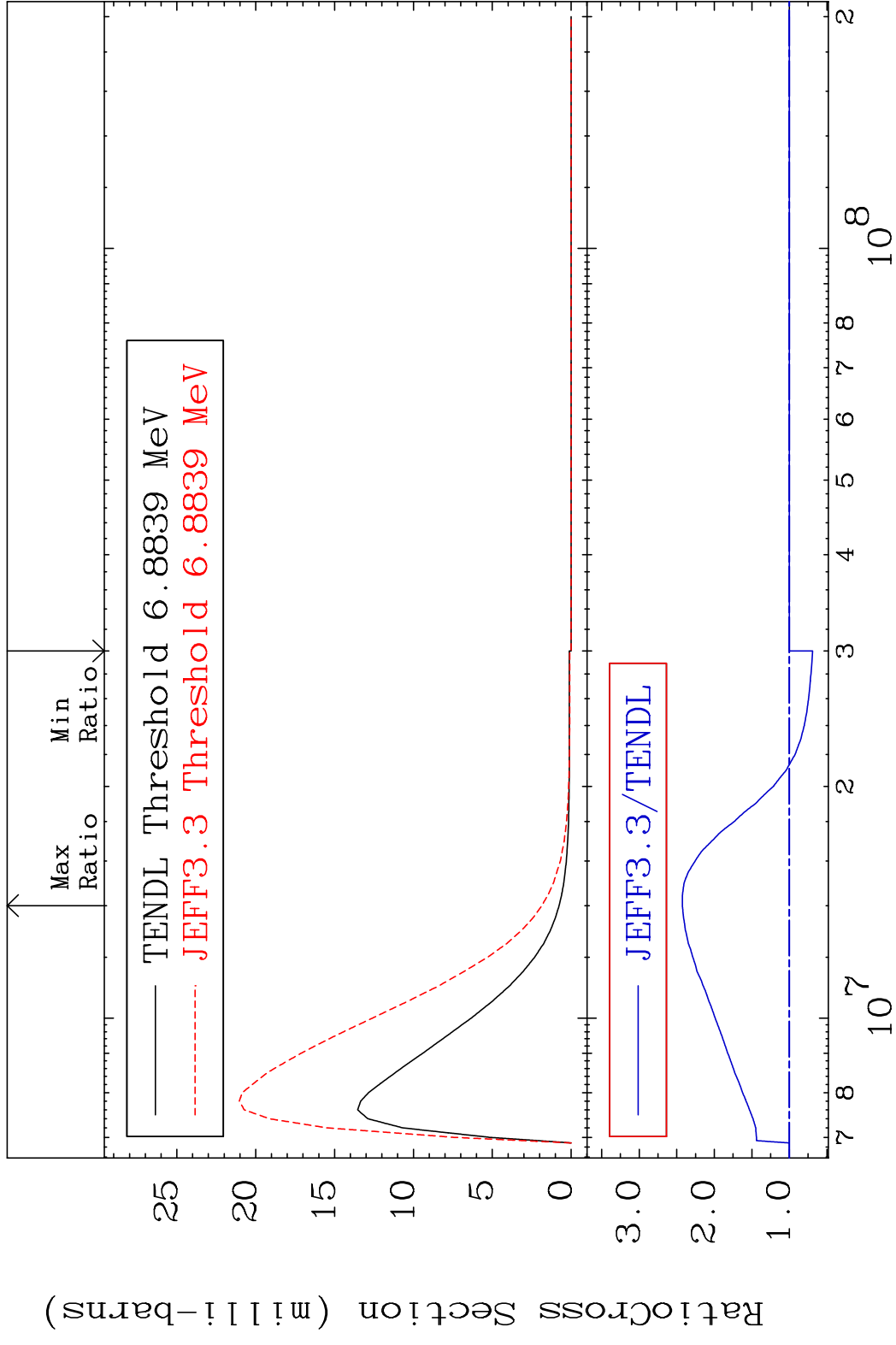
MAT 1631 MT= 77 (n,n') Level 16-S -34  
 Cross Section -2.248 To 38.95 %



MAT 1631 MT= 78 (n,n') Level 16-S -34  
 Cross Section -2.960 To 801.8 %

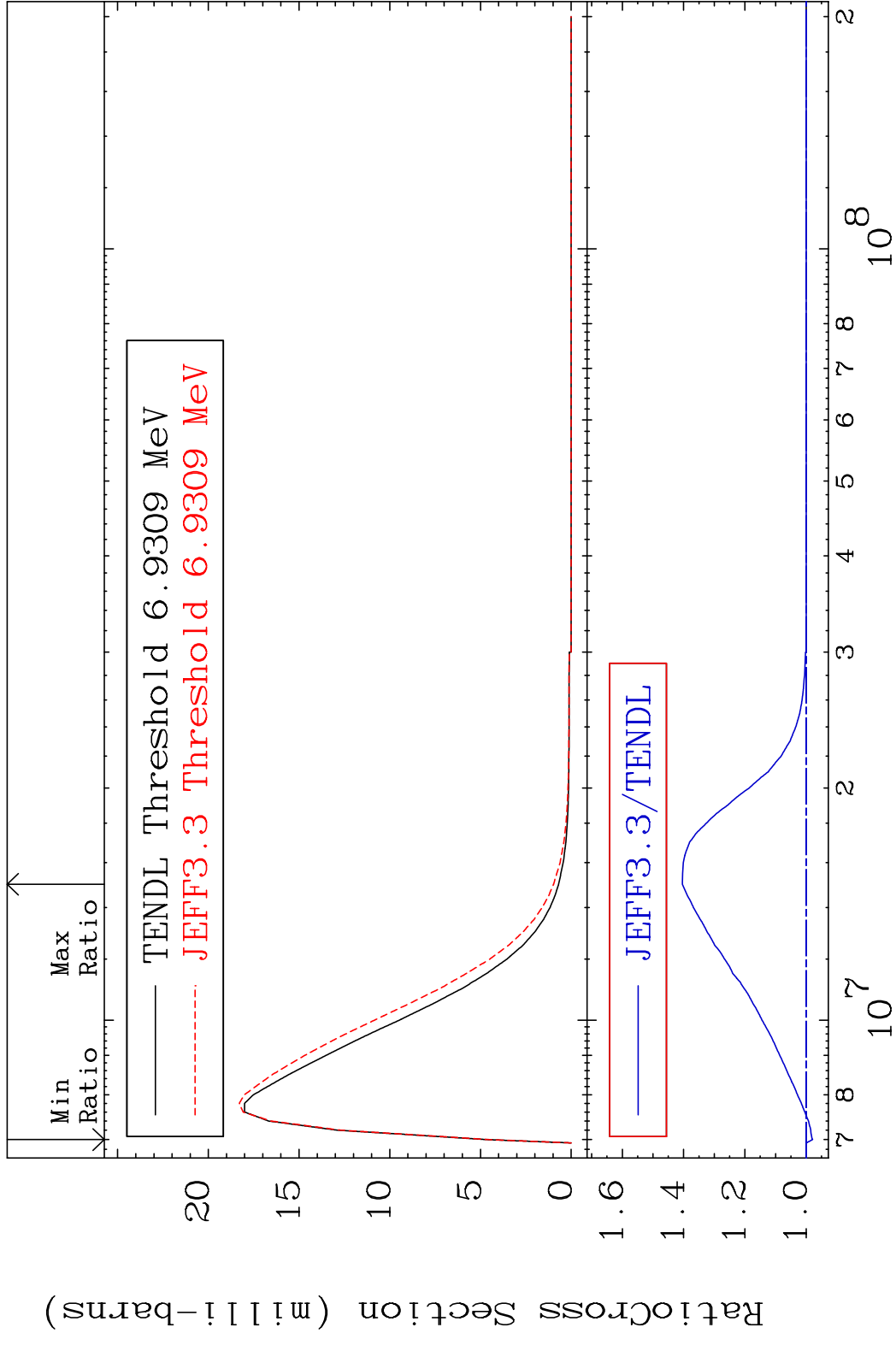


MAT 1631 MT= 79 (n,n') Level 16-S -34  
 Cross Section -30.87 To 142.6 %

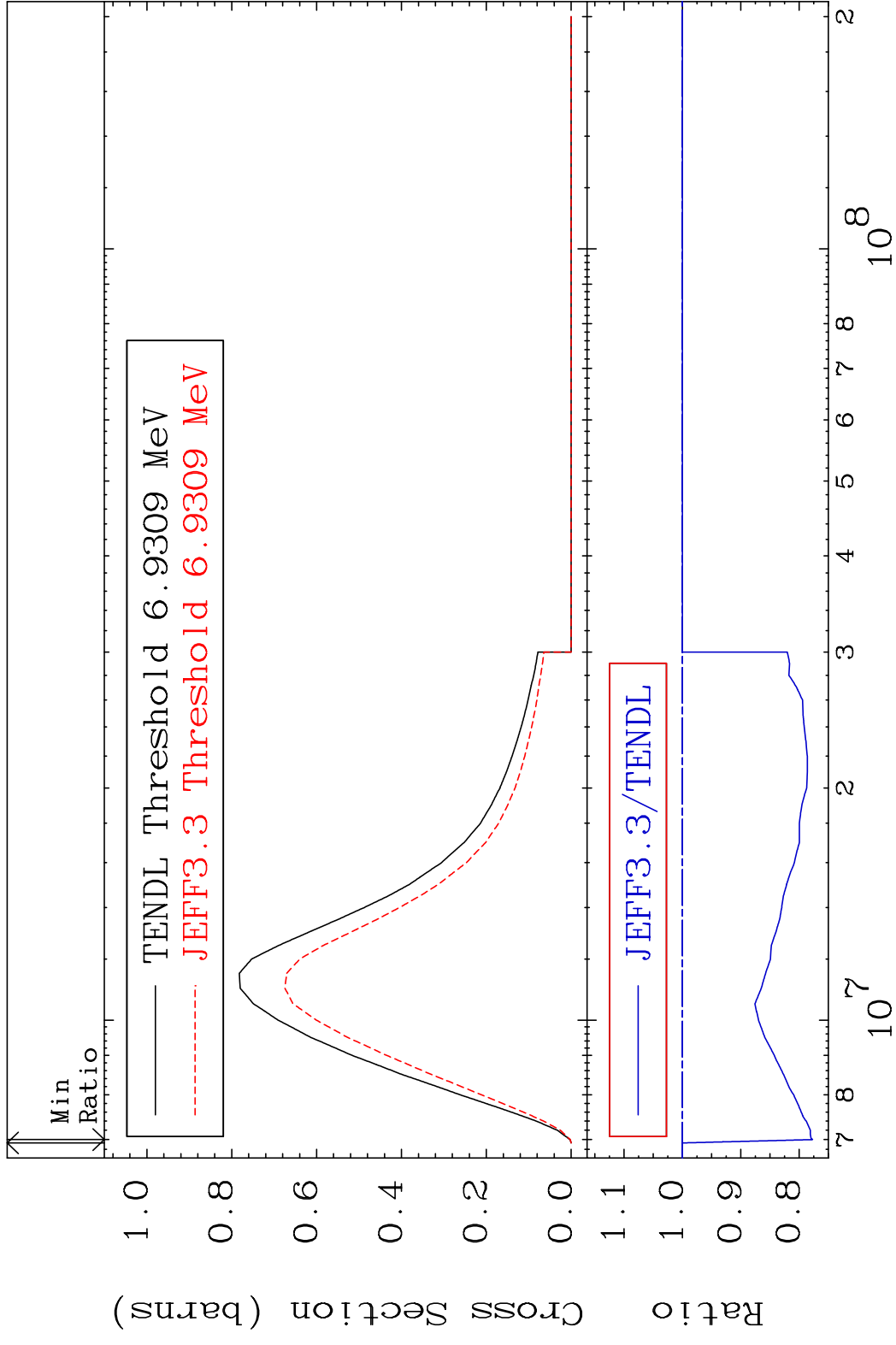


45 Incident Energy (eV) 16-S -34

MAT 1631 MT= 80 (n, n') Level 16-S -34  
 Cross Section -2.060 To 40.42 %



MAT 1631 (n,n') Continuum 16-S -34  
 Cross Section -22.31 To 0.000 %



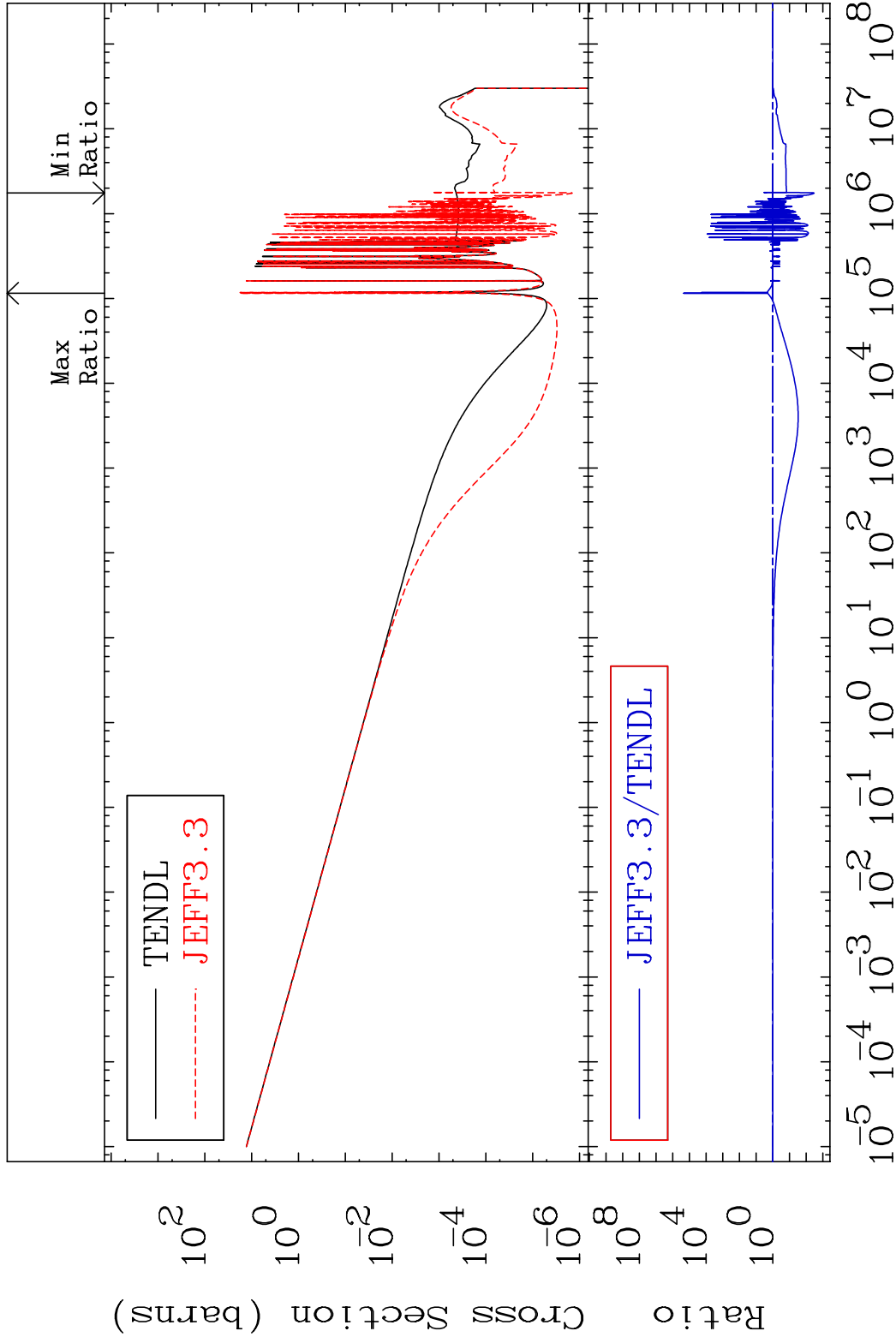


MAT 1631

(n,  $\gamma$ )

16-S -34

Cross Section -99.67 To 9999. %



48

Incident Energy (eV)

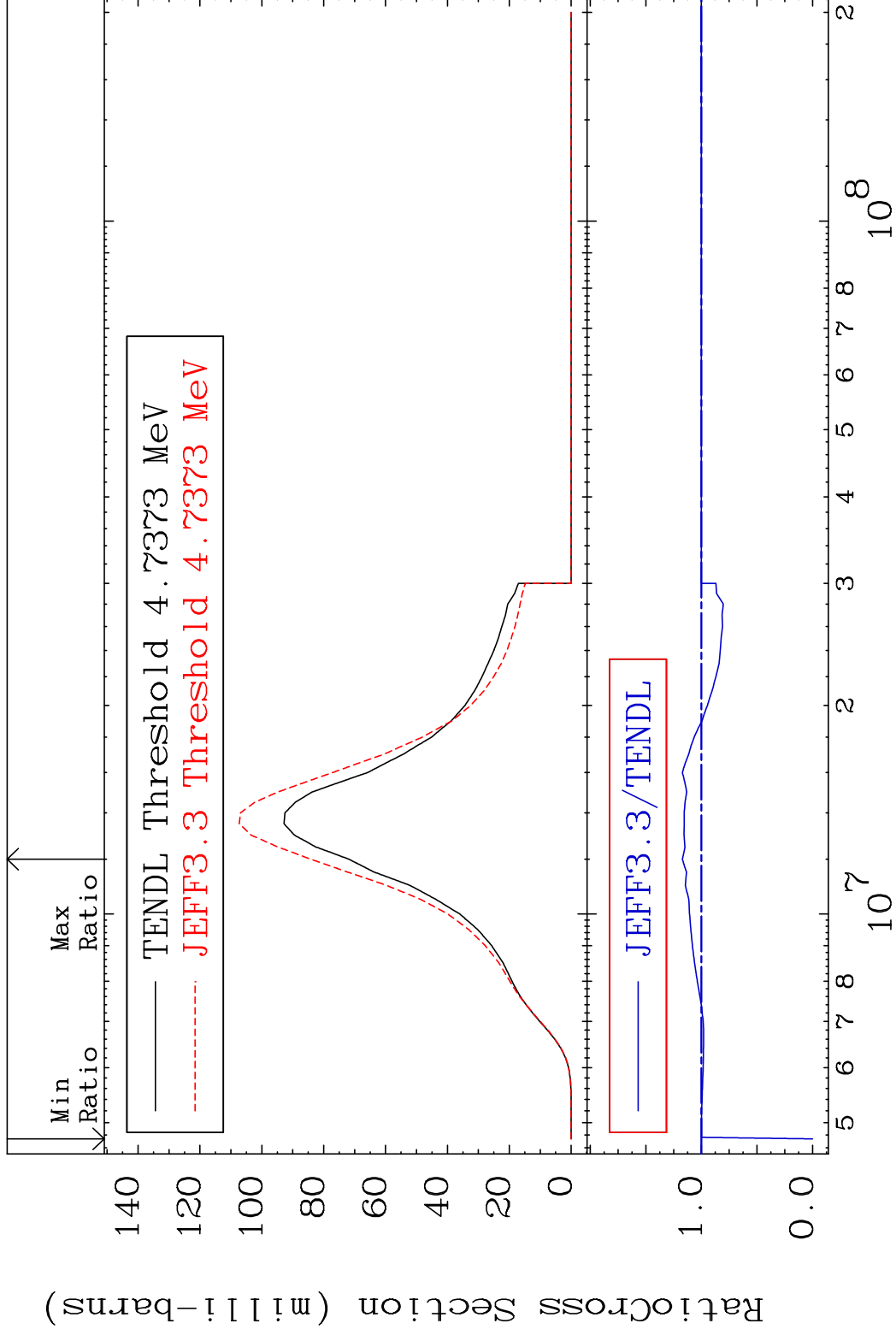
16-S -34

MAT 1631

(n,p)

16-S -34

Cross Section -100.0 To 17.17 %



49

Incident Energy (eV)

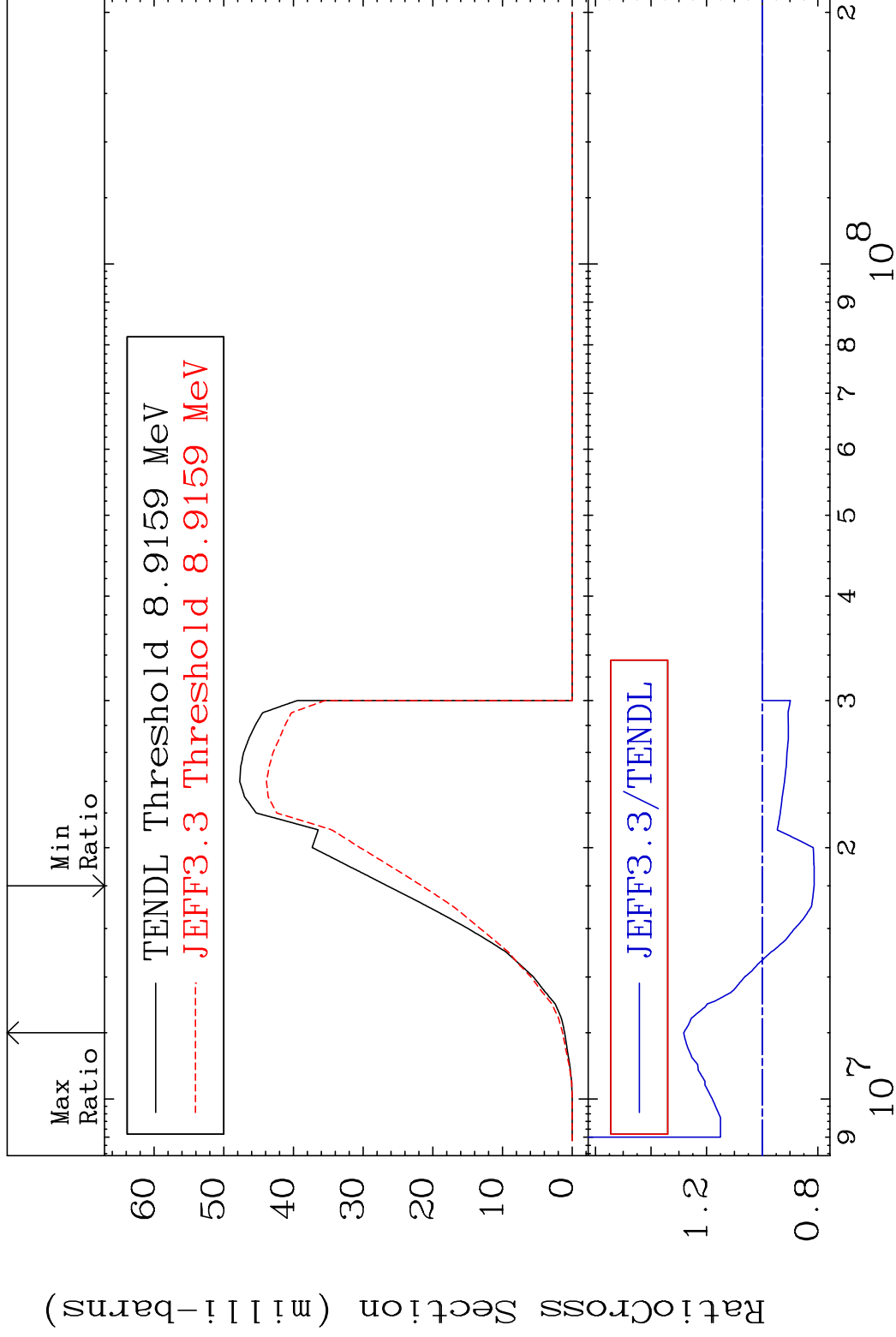
16-S -34

MAT 1631

(n, d)

16-S -34

Cross Section -18.67 To 28.26 %



50

Incident Energy (eV)

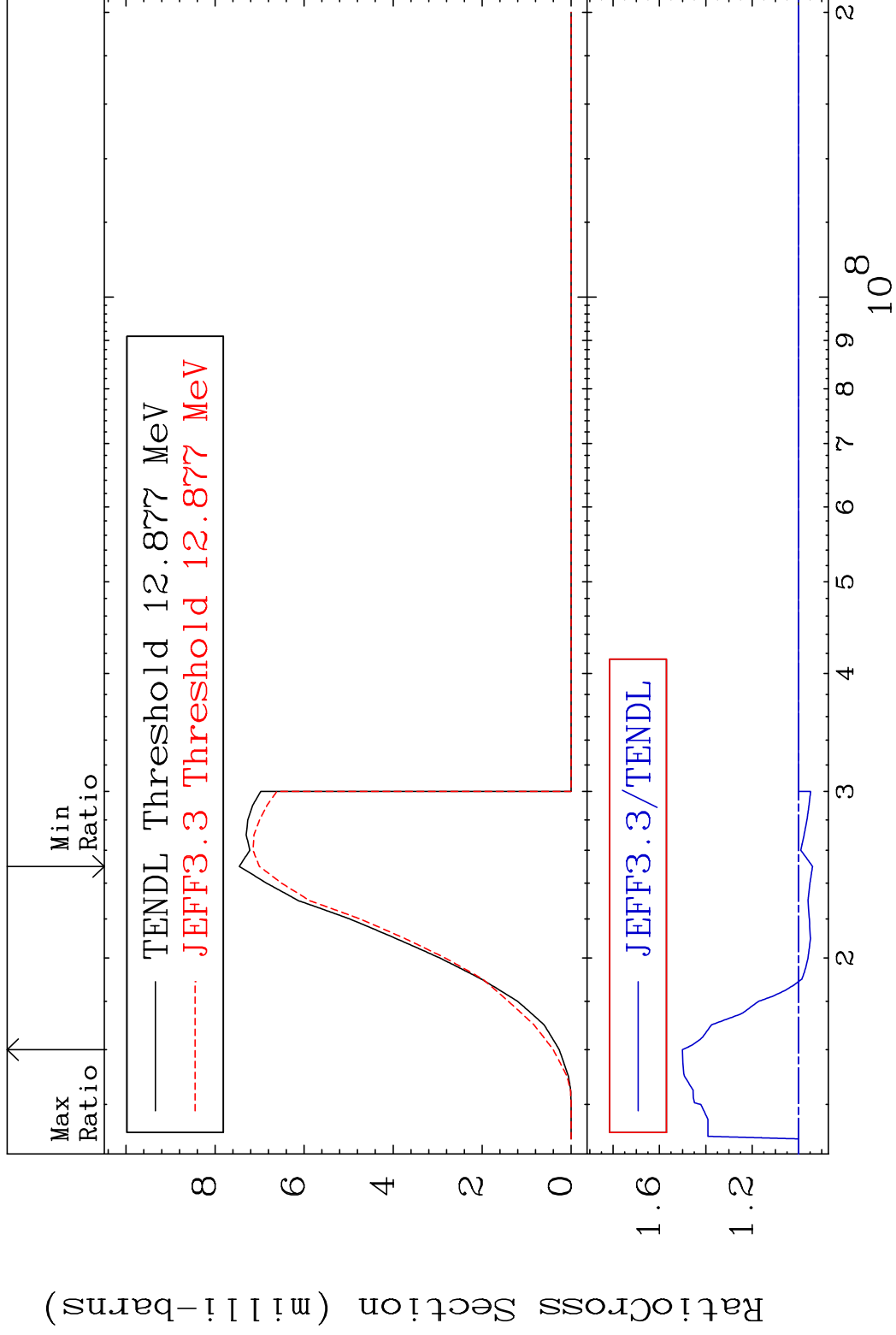
16-S -34

MAT 1631

(n, t)

16-S -34

Cross Section -6.042 To 50.12 %



51

Incident Energy (eV)

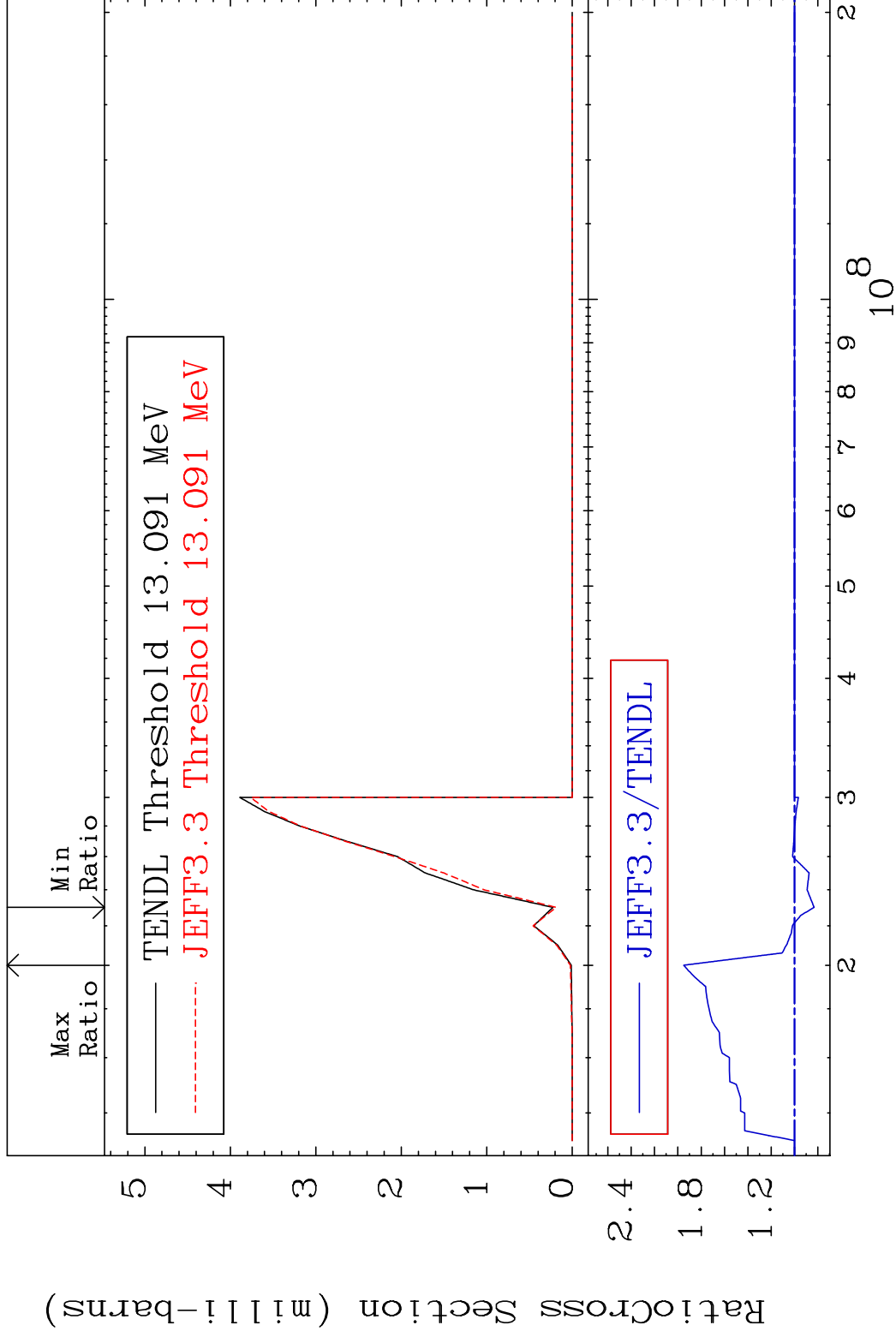
16-S -34

MAT 1631

(n, He-3)

16-S -34

Cross Section -16.80 To 95.01 %

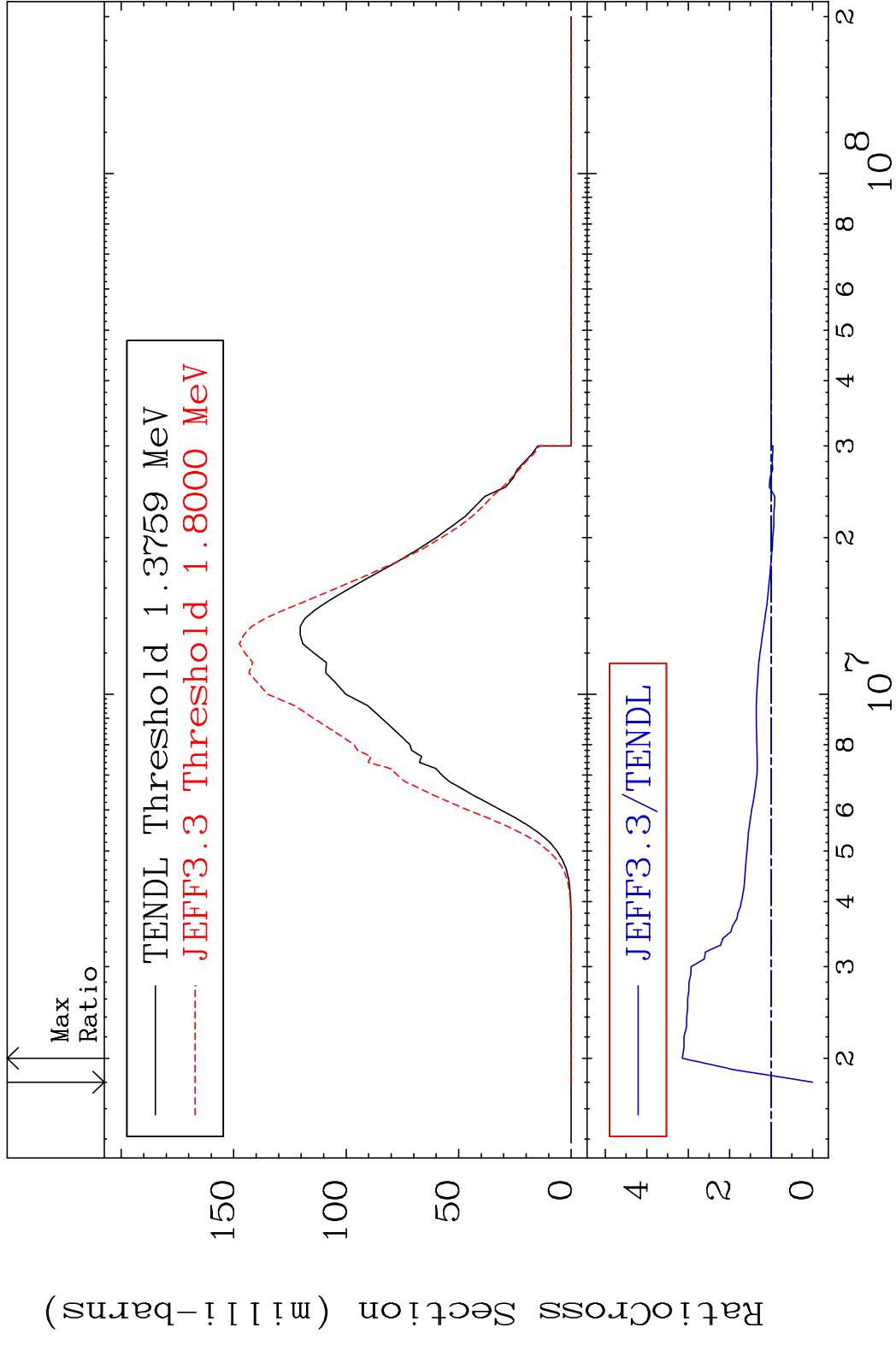


52

Incident Energy (eV)

16-S -34

MAT 1631 (n,  $\alpha$ ) 16-S -34  
 Cross Section -100.0 To 214.3 %

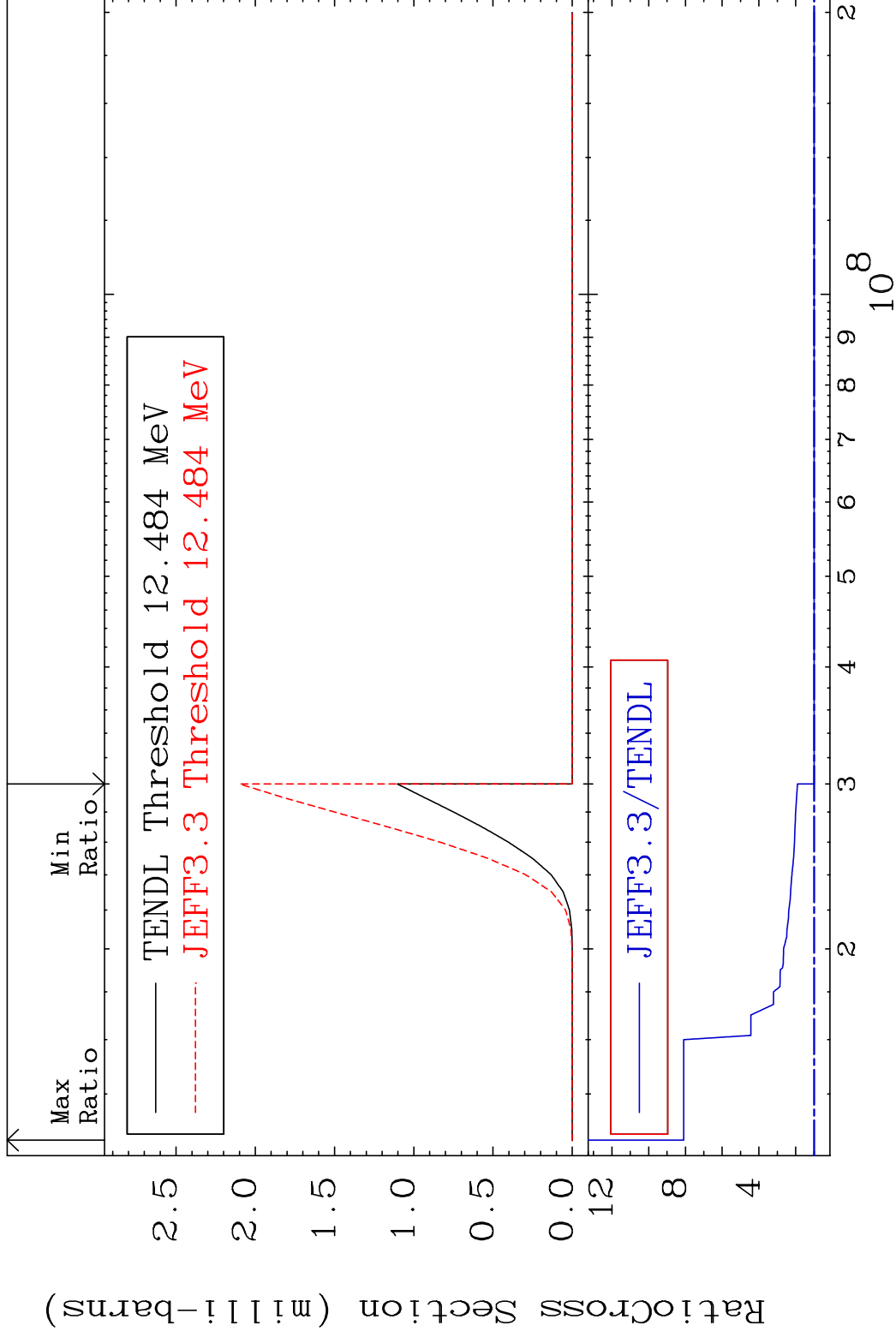


MAT 1631

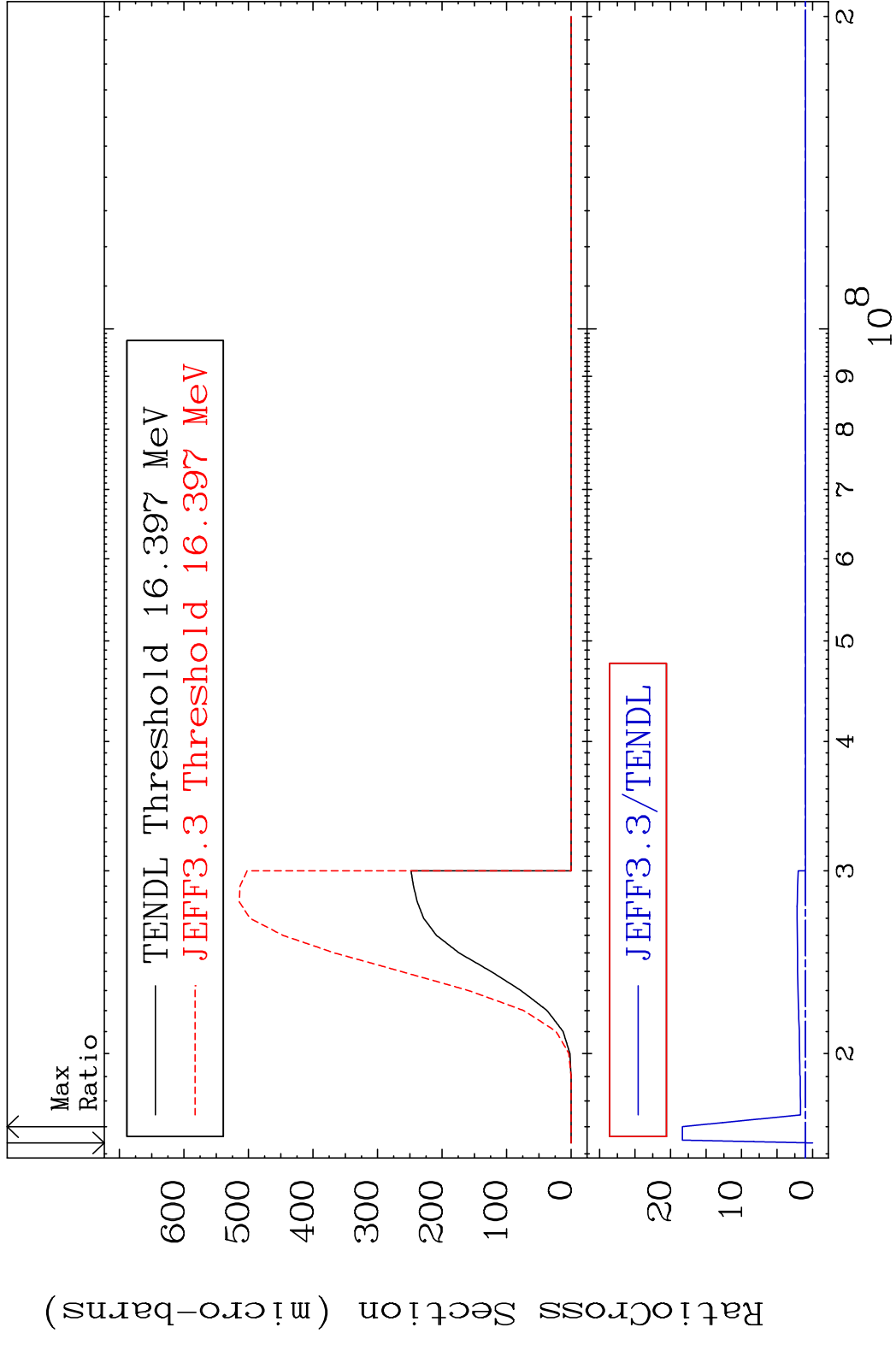
(n,2α)

16-S -34

Cross Section 0.000 To 709.6 %



MAT 1631 (n,2p) 16-S -34  
 Cross Section -100.0 To 1734. %



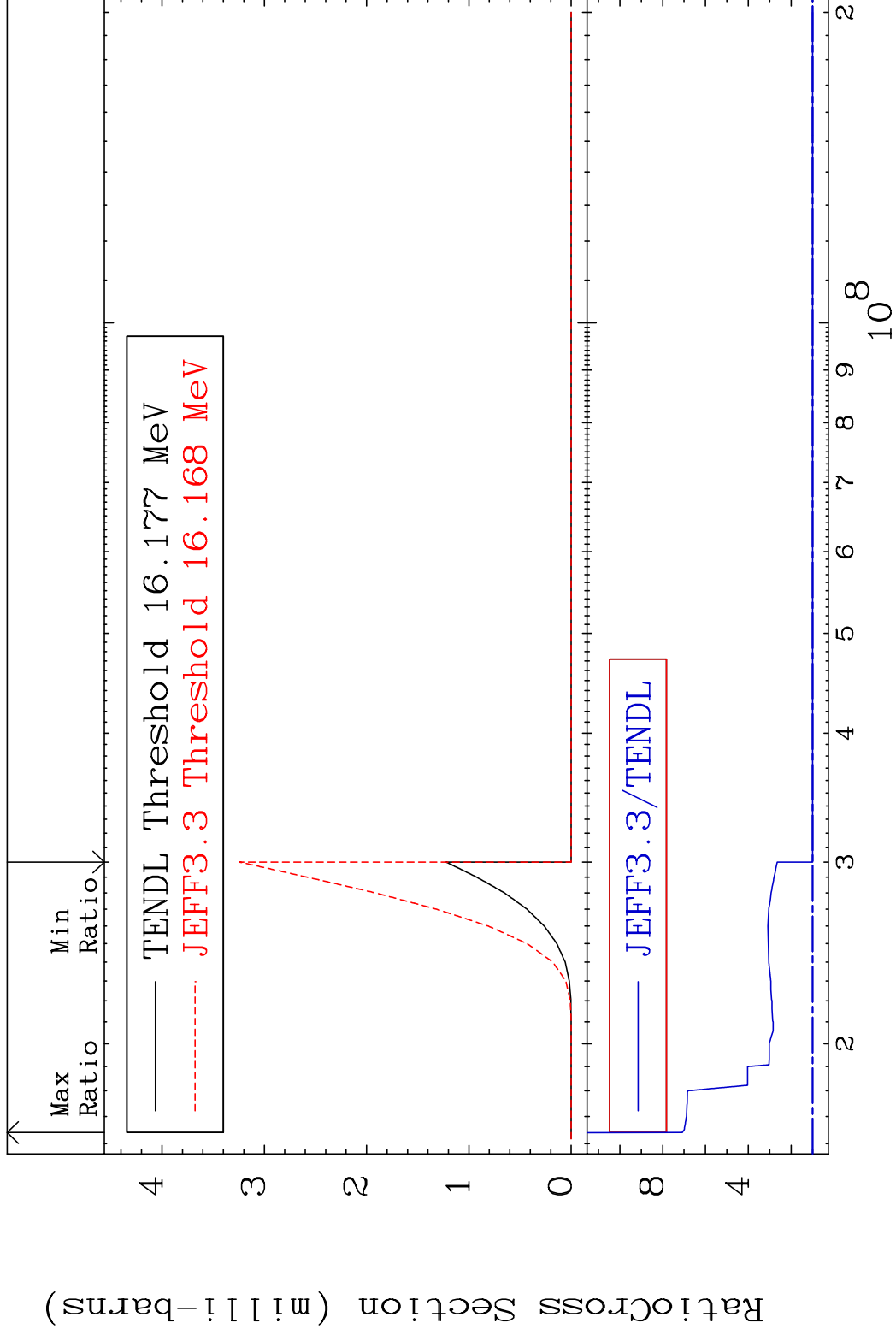


MAT 1631

(n,p)  $\alpha$

16-S -34

Cross Section 0.000 To 608.1 %



56

Incident Energy (eV)

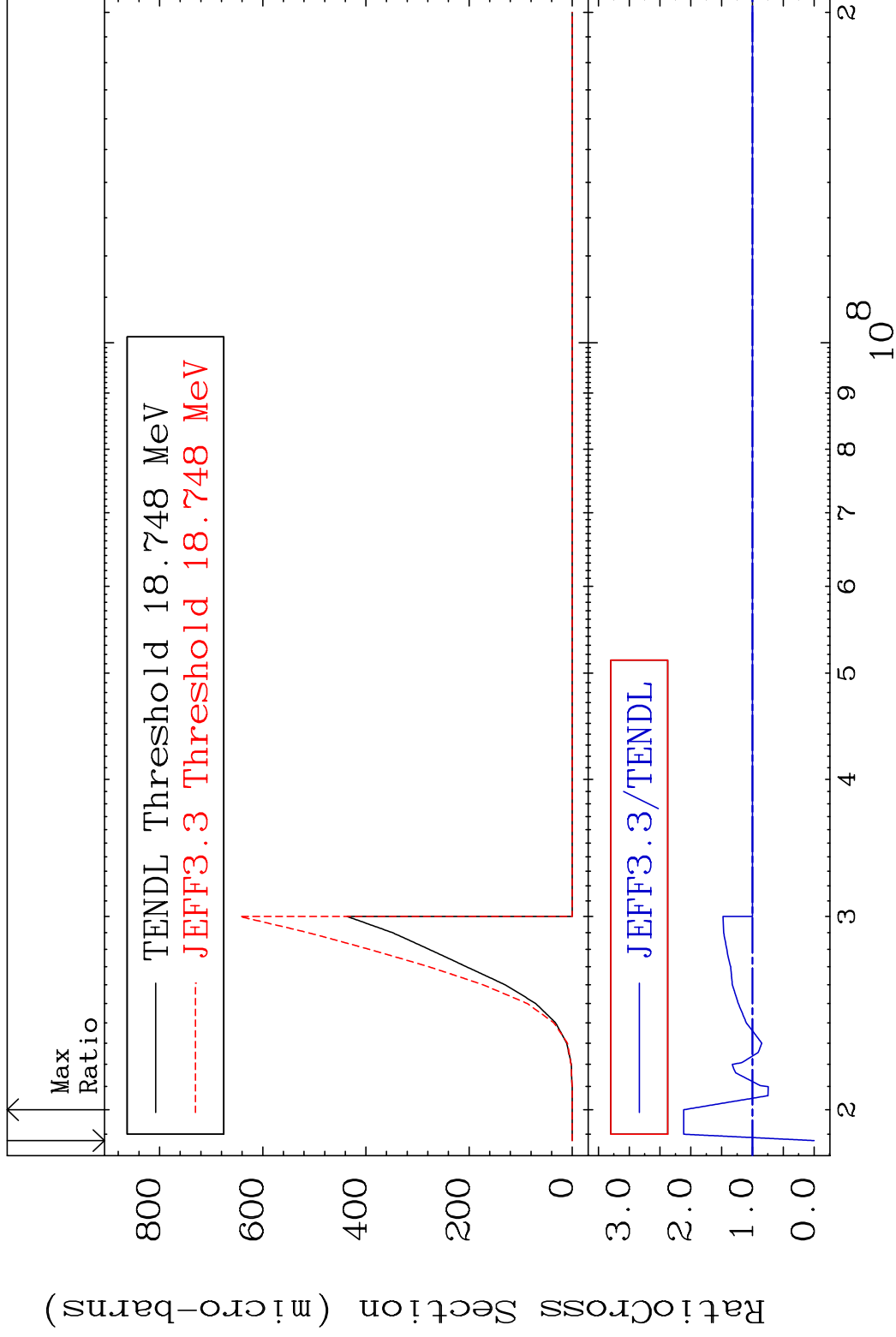
16-S -34

MAT 1631

(n,p) d

16-S -34

Cross Section -100.0 To 111.7 %

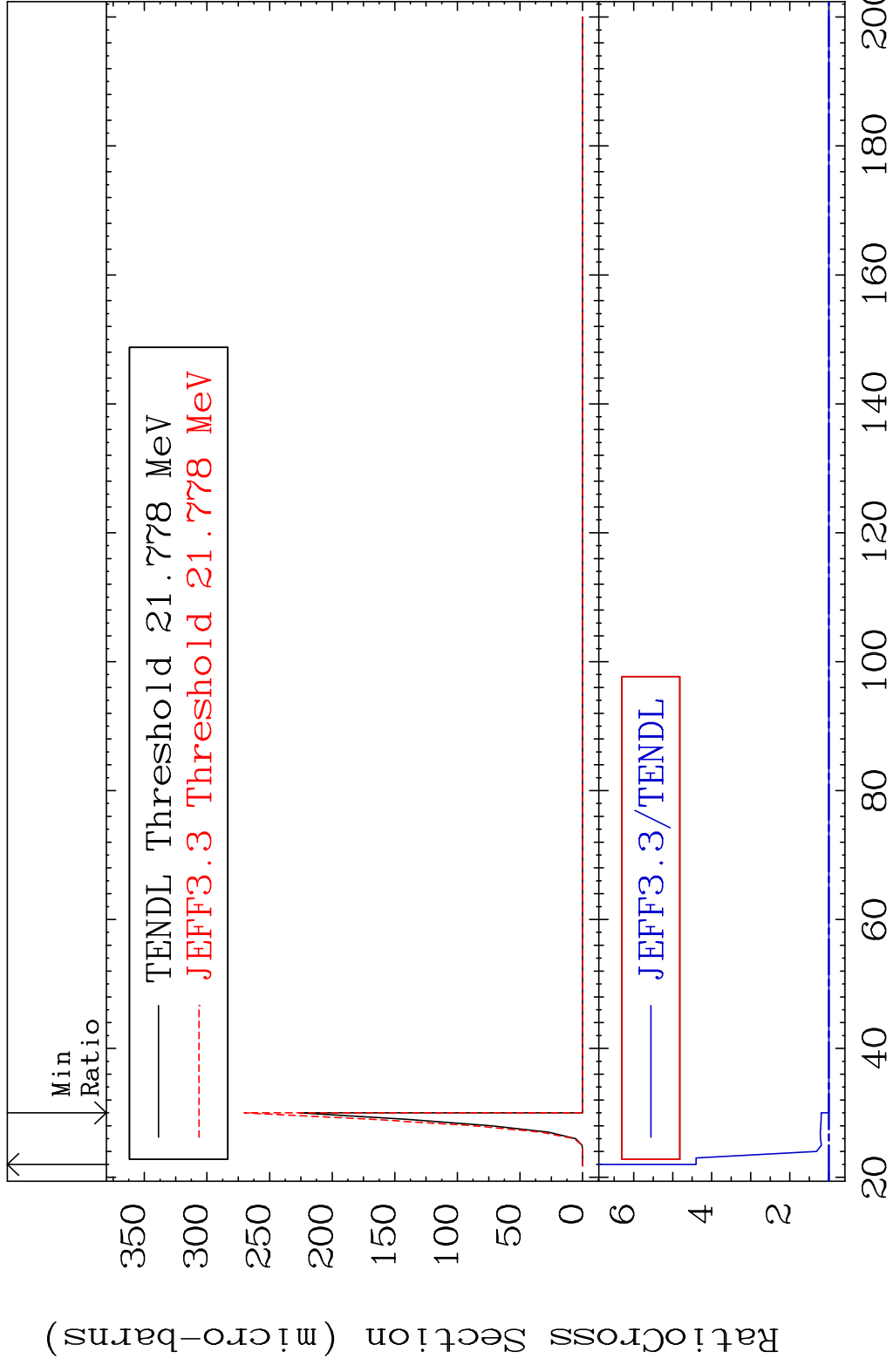


57

Incident Energy (eV)

16-S -34

MAT 1631 (n,p) t 16-S -34  
 Cross Section 0.000 To 340.2 %

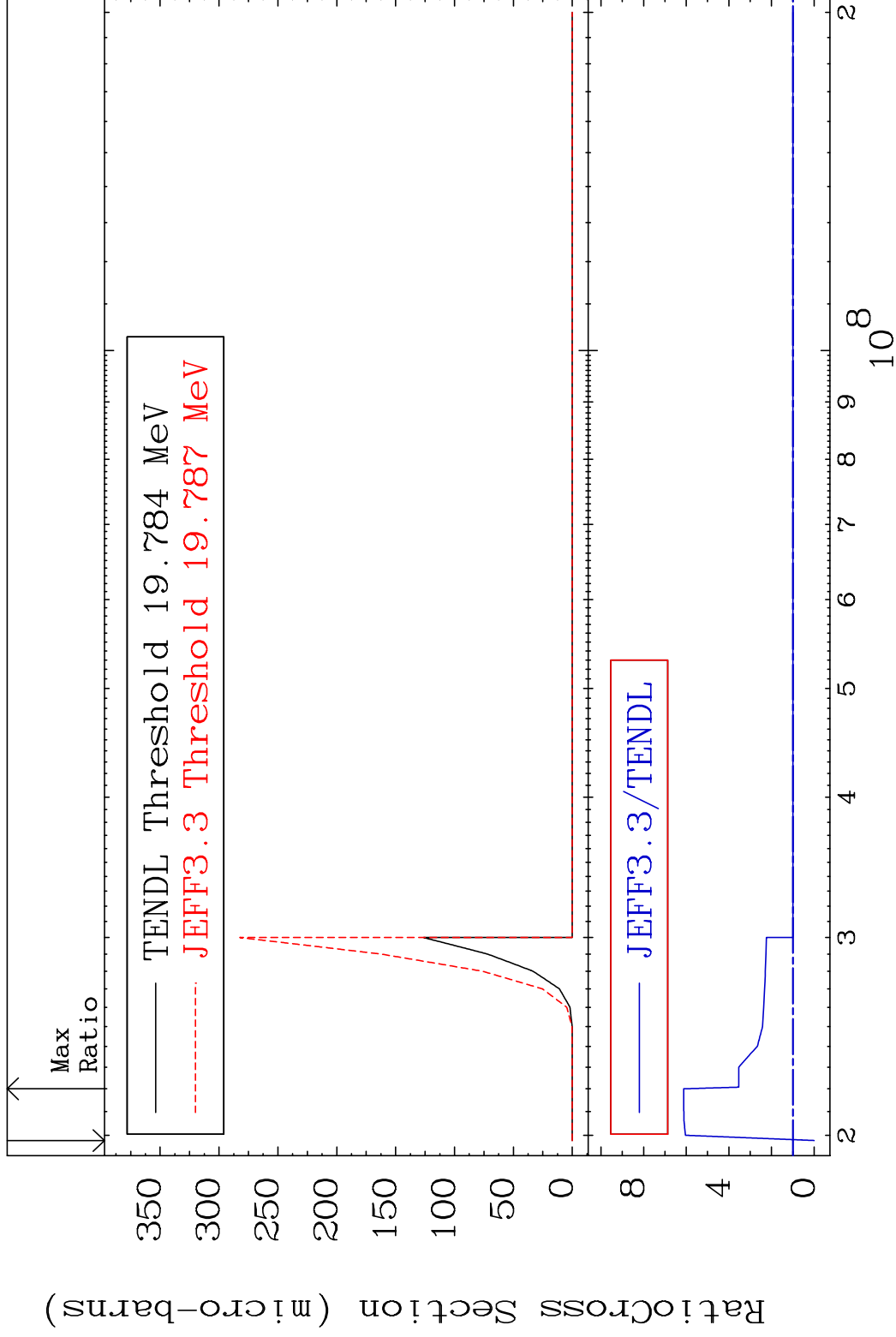


MAT 1631

(n,d)  $\alpha$

16-S -34

Cross Section -100.0 To 512.2 %

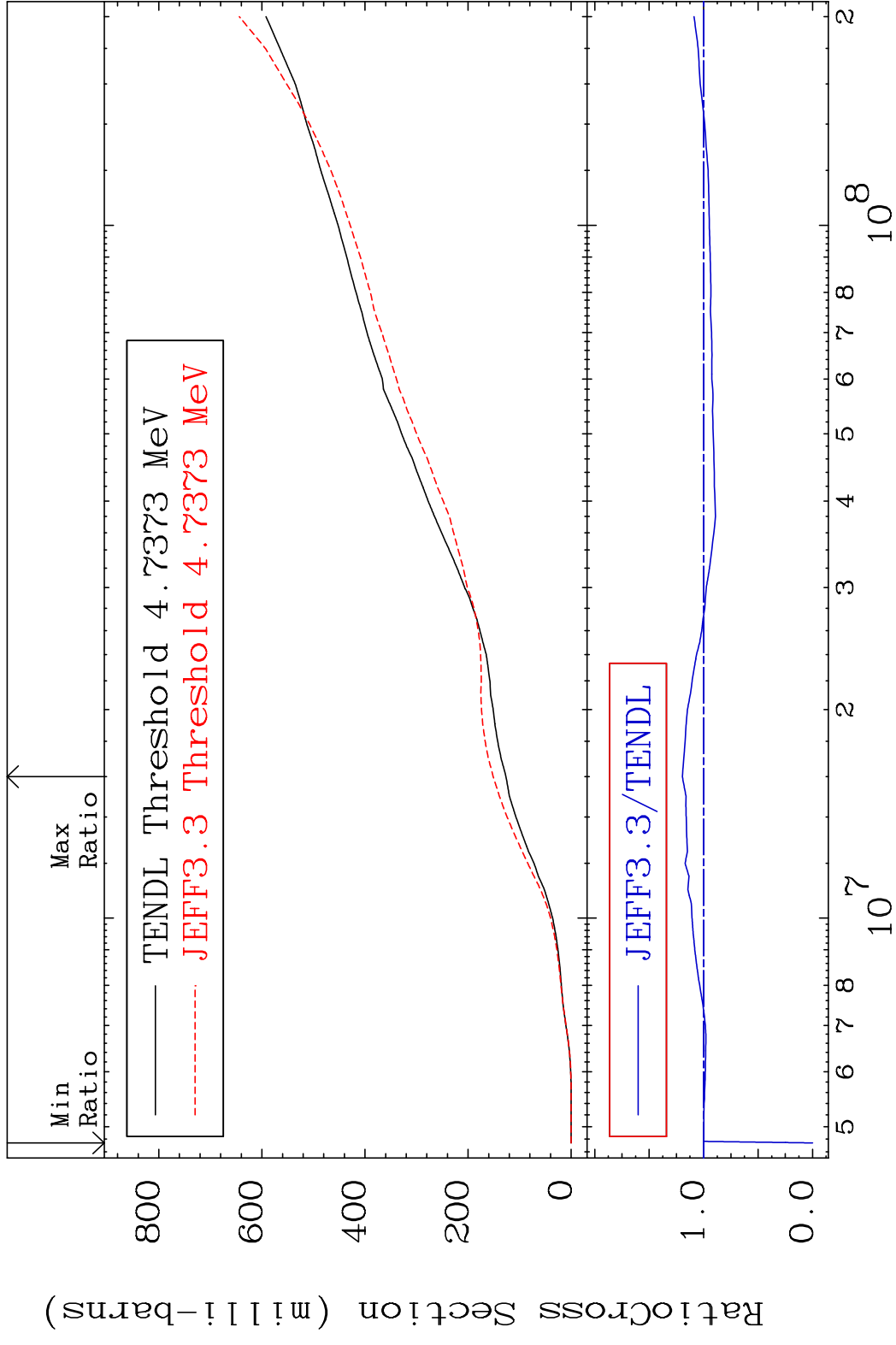


59

Incident Energy (eV)

16-S -34

MAT 1631 Hydrogen Production 16-S -34  
 Cross Section -100.0 To 19.54 %



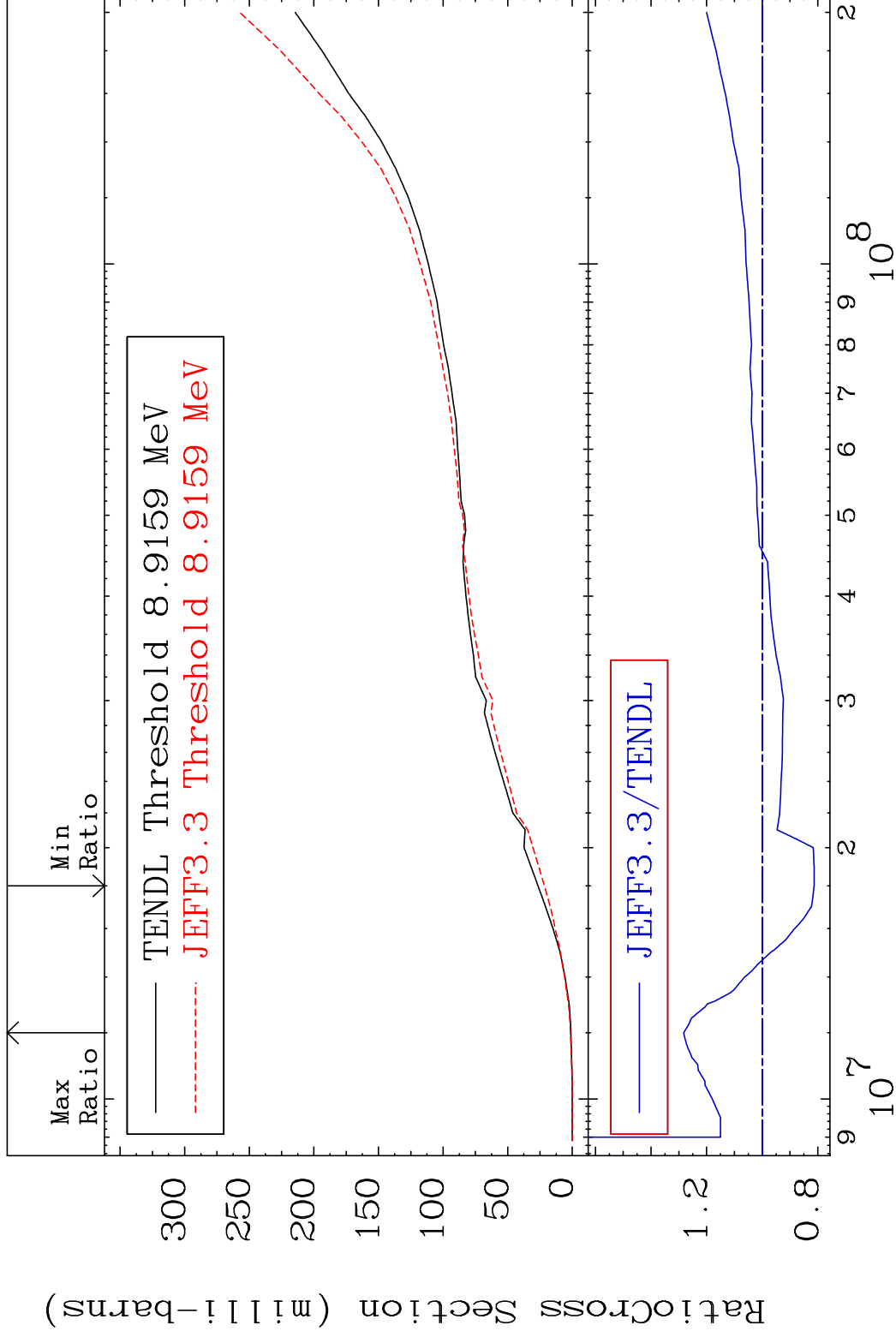
60 16-S -34

MAT 1631

Deuterium Production

16-S -34

Cross Section -18.67 To 28.26 %

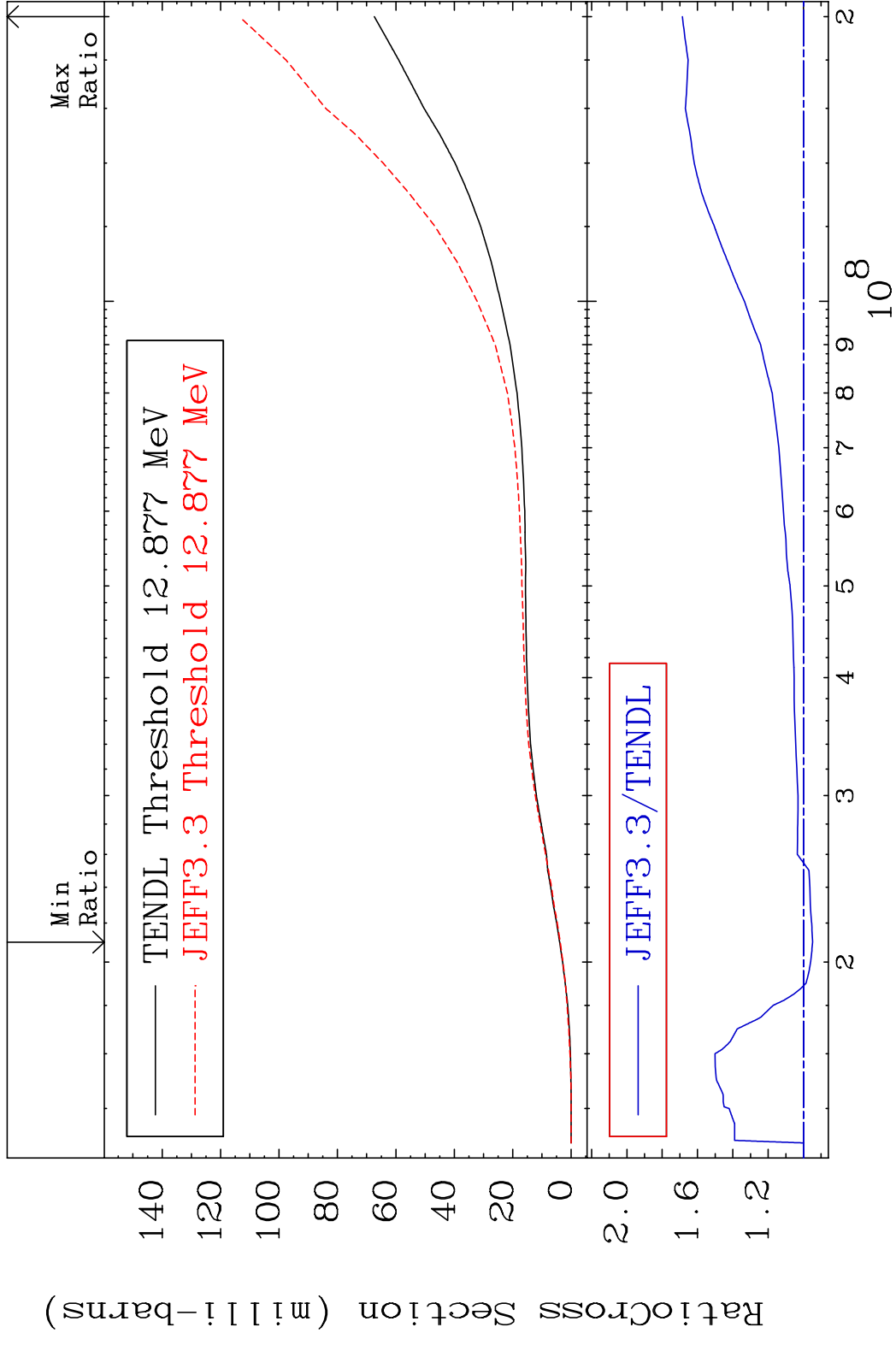


61

Incident Energy (eV)

16-S -34

MAT 1631 Tritium Production 16-S -34  
 Cross Section -5.139 To 68.59 %



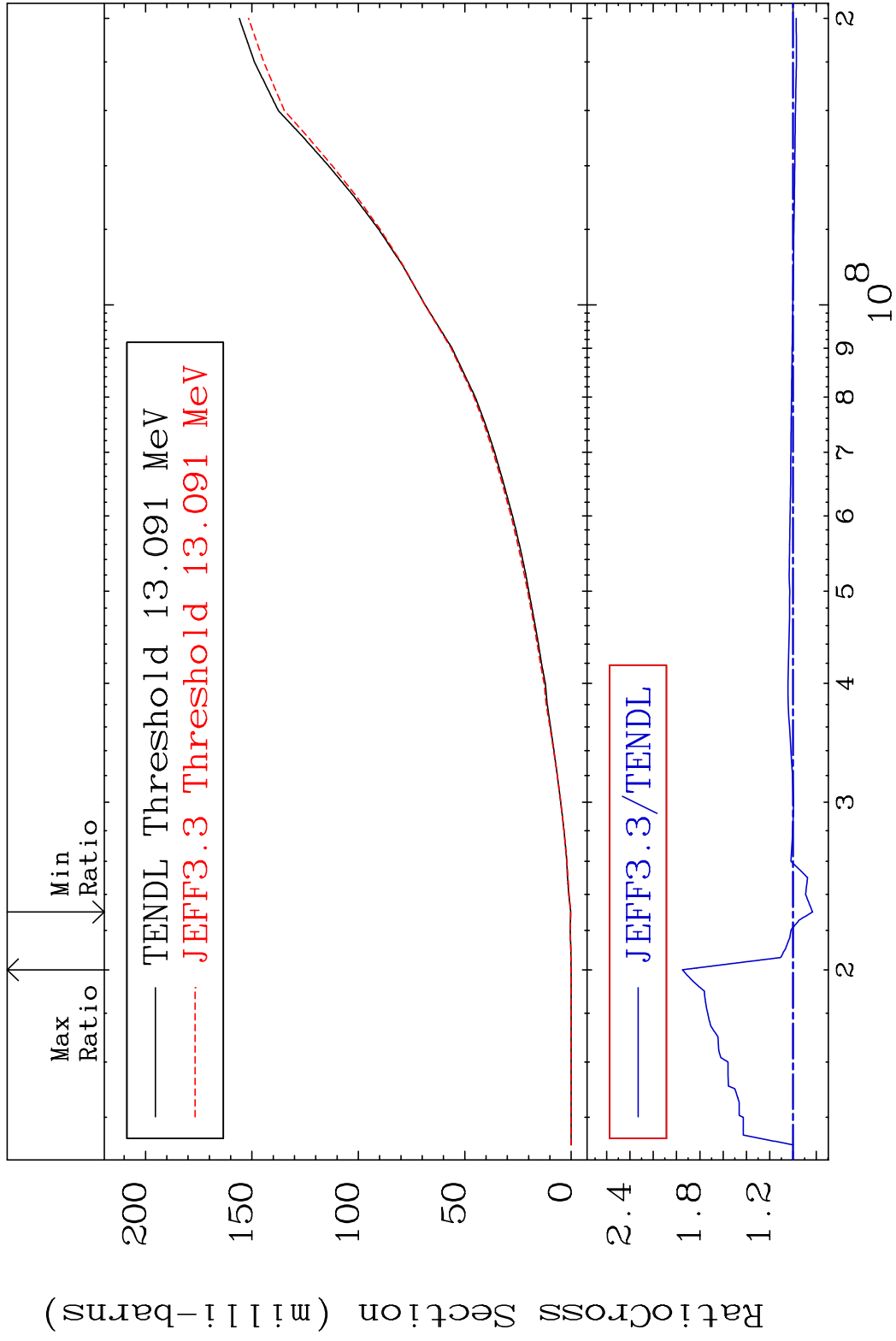
62 Incident Energy (eV) 16-S -34

MAT 1631

He-3 Production

16-S -34

Cross Section -16.80 To 95.01 %

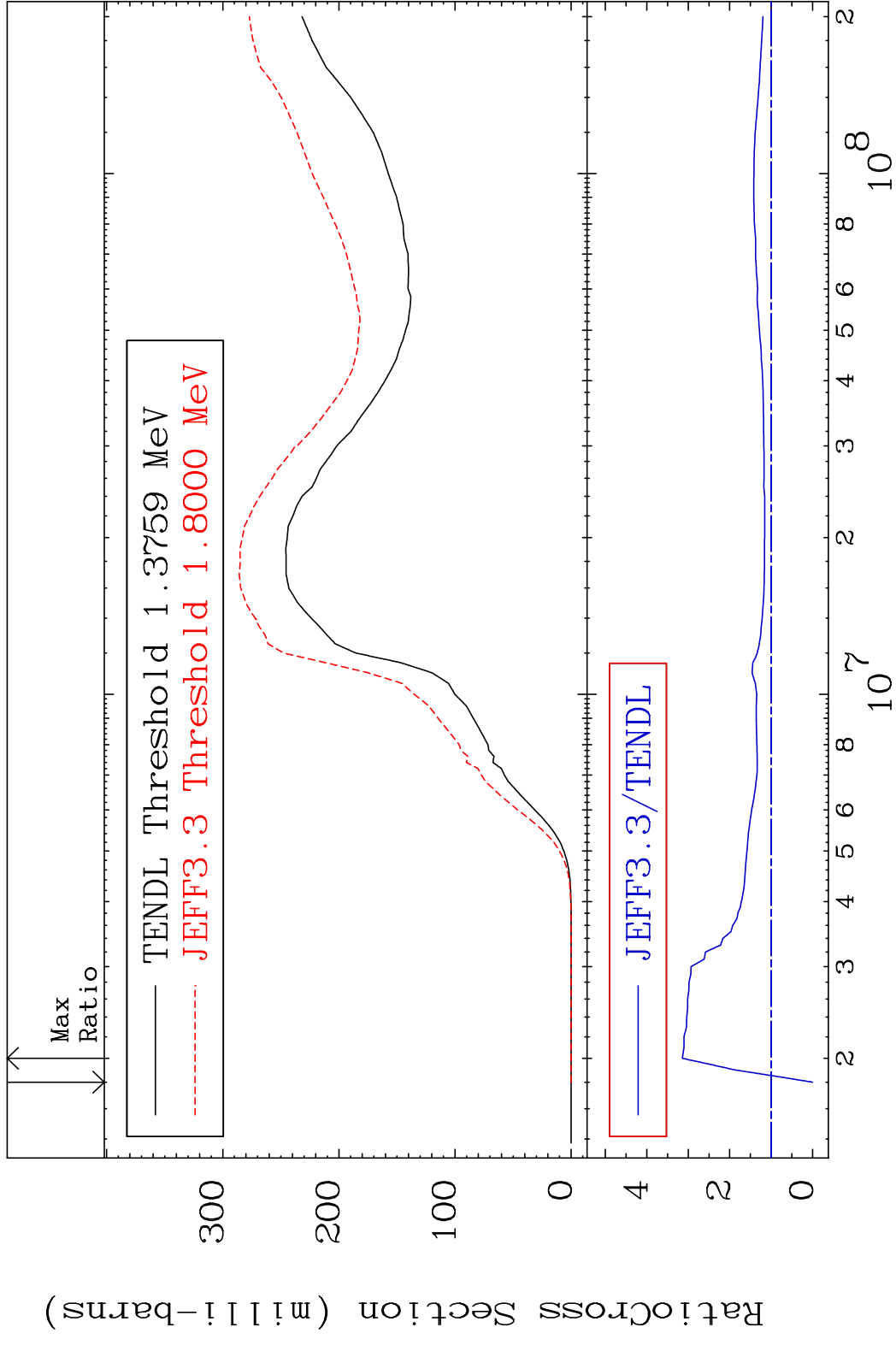


63

16-S -34

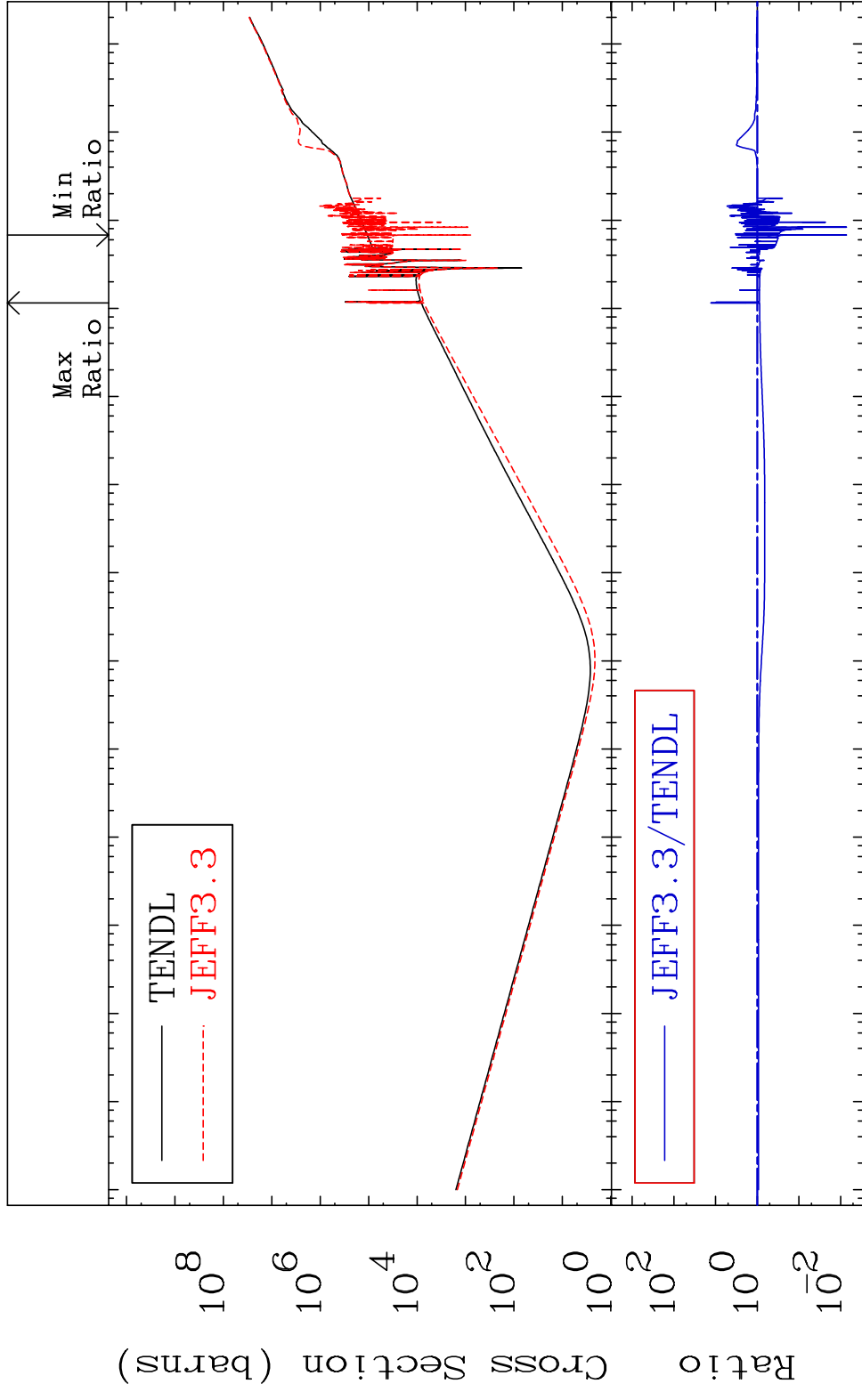


MAT 1631 He-4 Production 16-S -34  
 Cross Section -100.0 To 214.3 %



64 16-S -34

MAT 1631 Kerma total (eV-barns) 16-S -34  
 Cross Section -99.27 To 1205. %

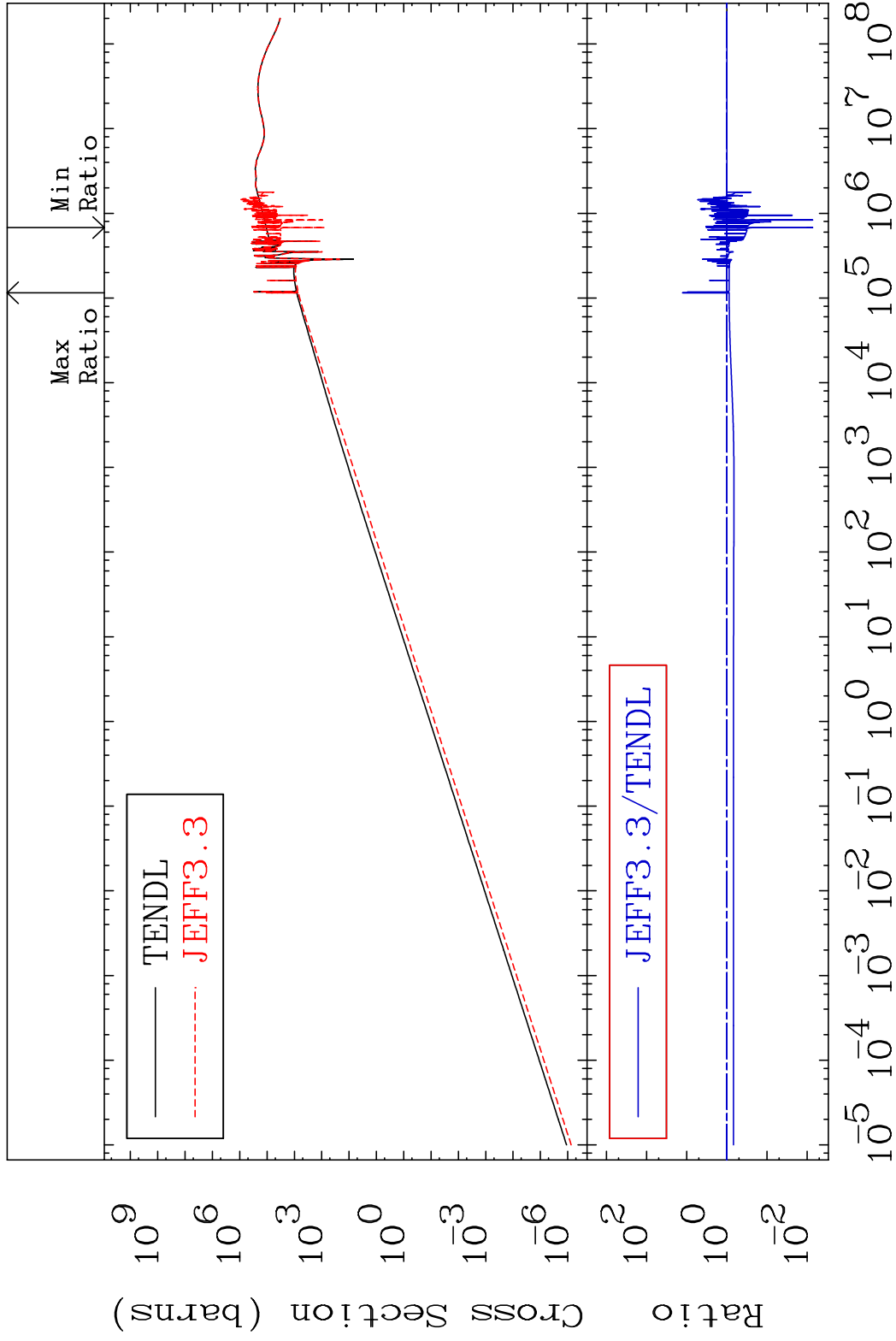


65 Incident Energy (eV) 16-S -34

MAT 1631

Kerma elastic  
Cross Section

16-S -34  
-99.27 To 1180. %

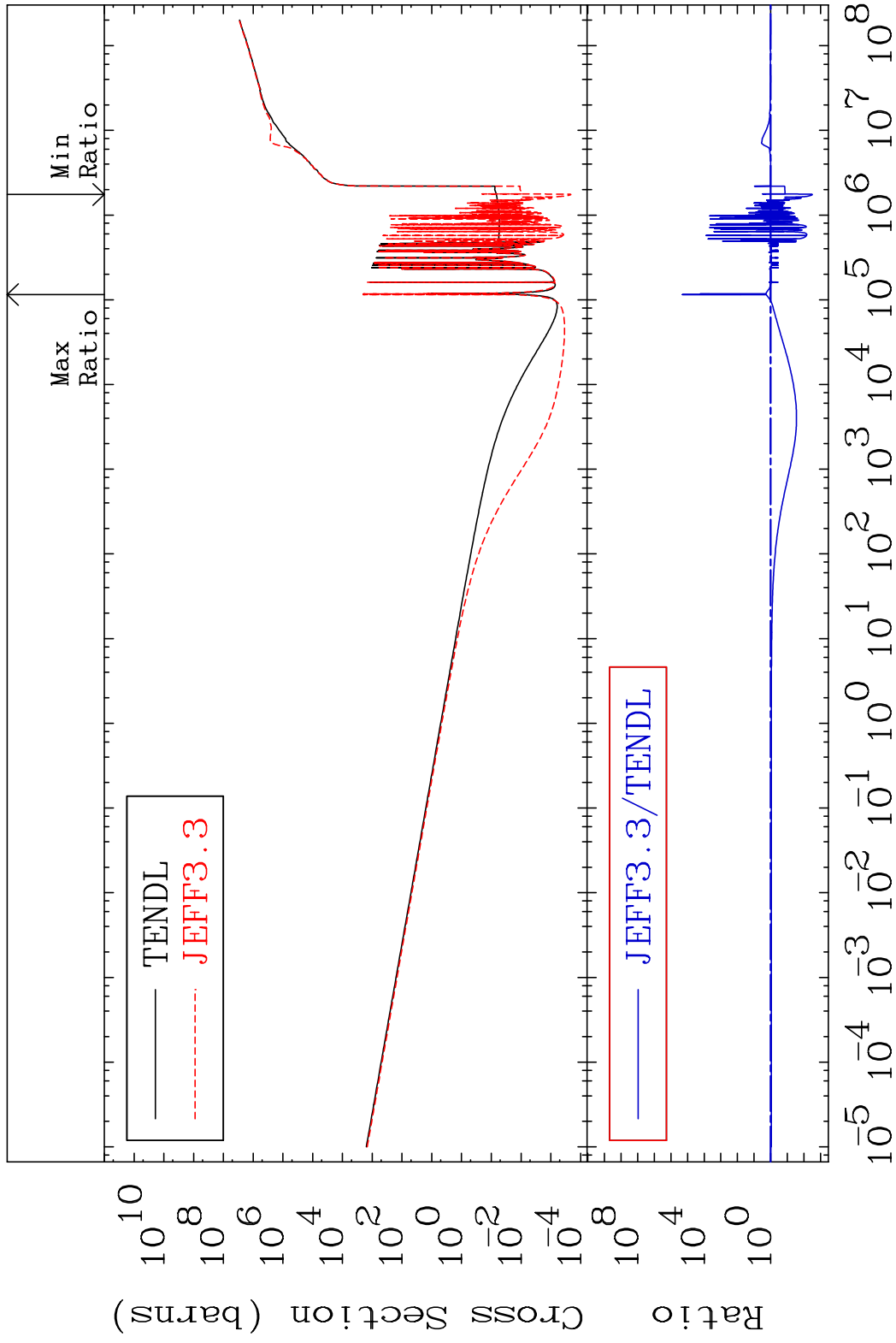


66

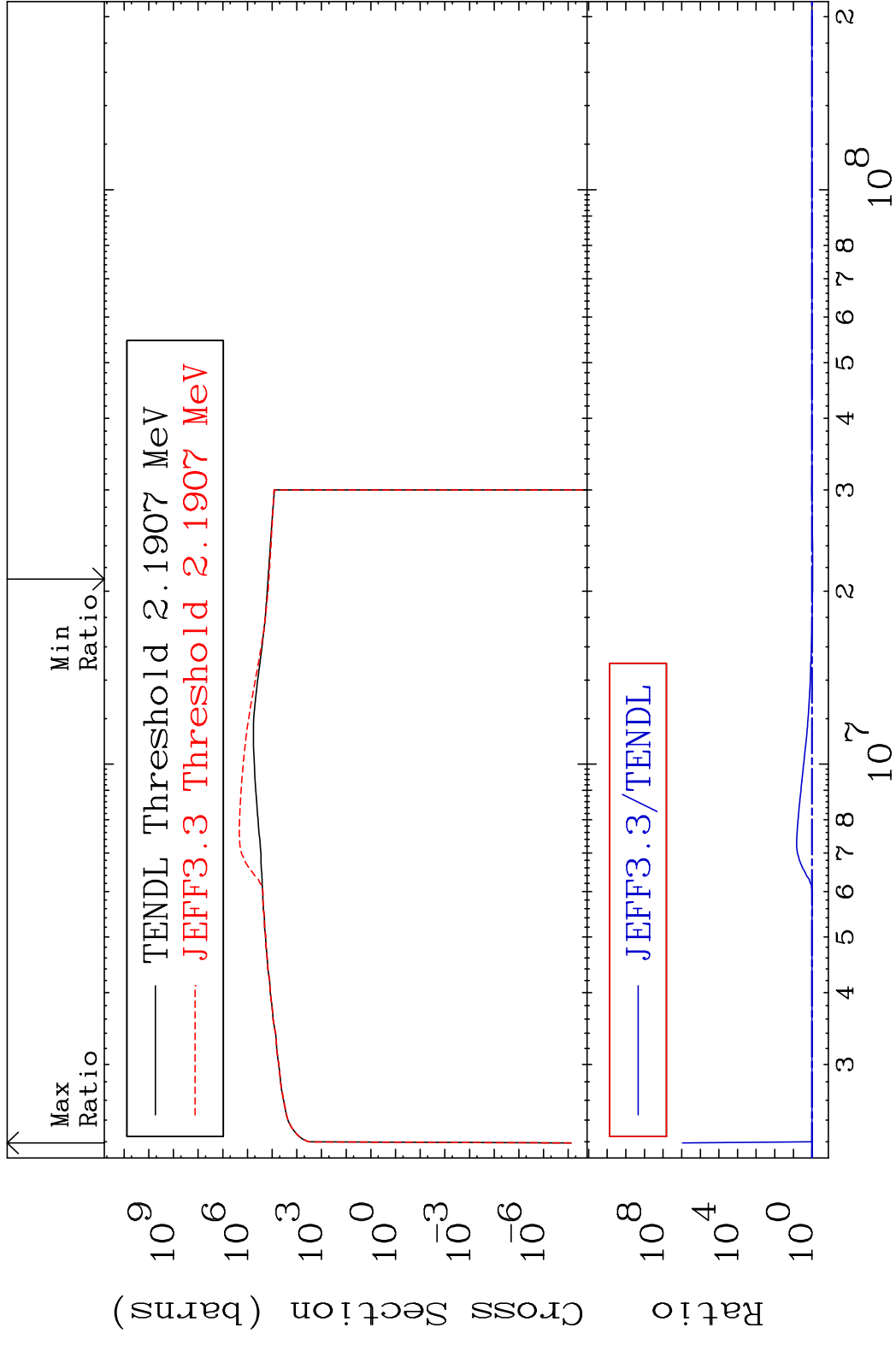
Incident Energy (eV)

16-S -34

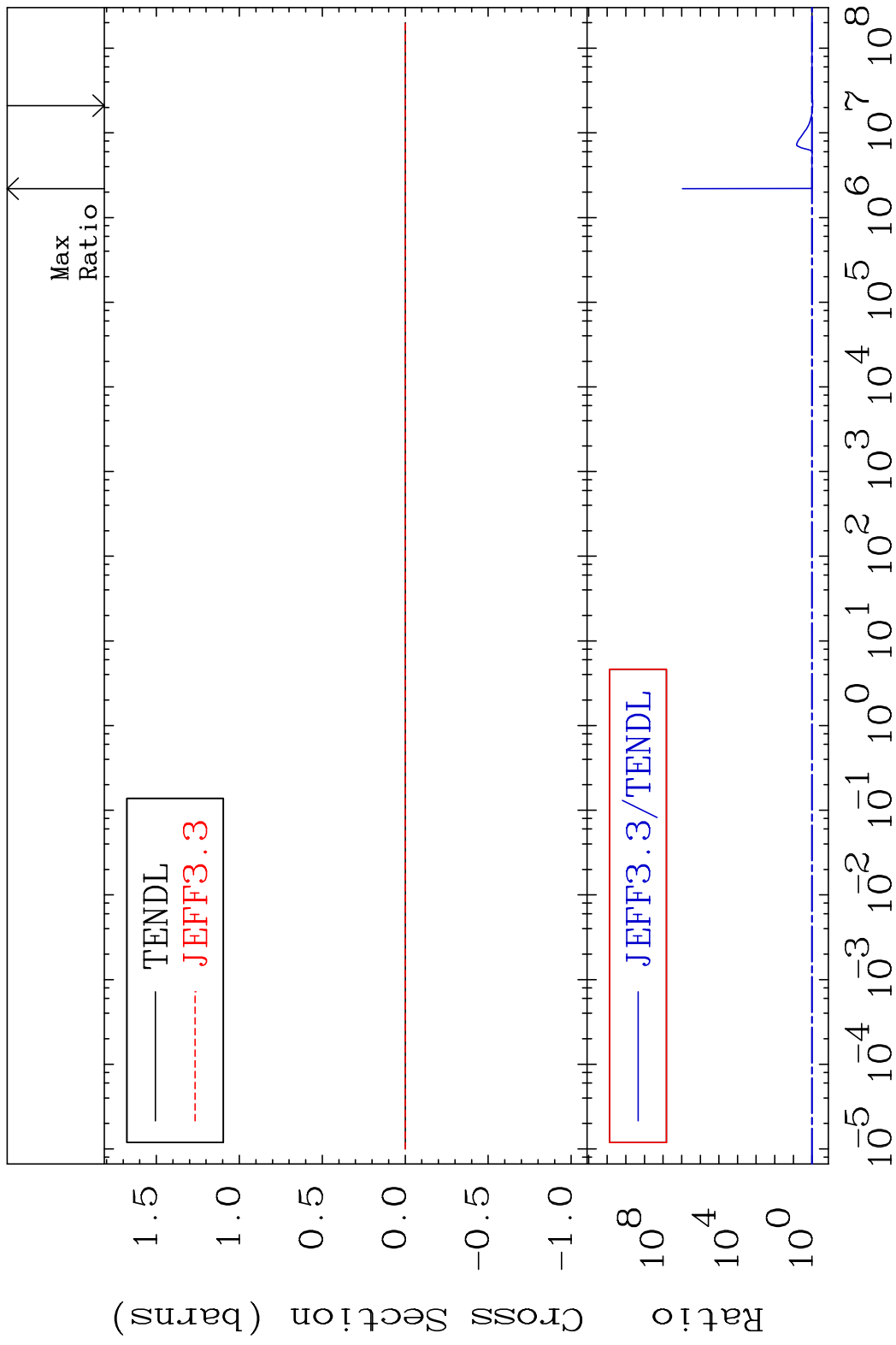
MAT 1631 Kerma non-elastic (all but mt2) 16-S -34  
 Cross Section -99.69 To 9999. %



MAT 1631 Kerma inelastic (mt51-91) 16-S -34  
 Cross Section -6.827 To 9999. %

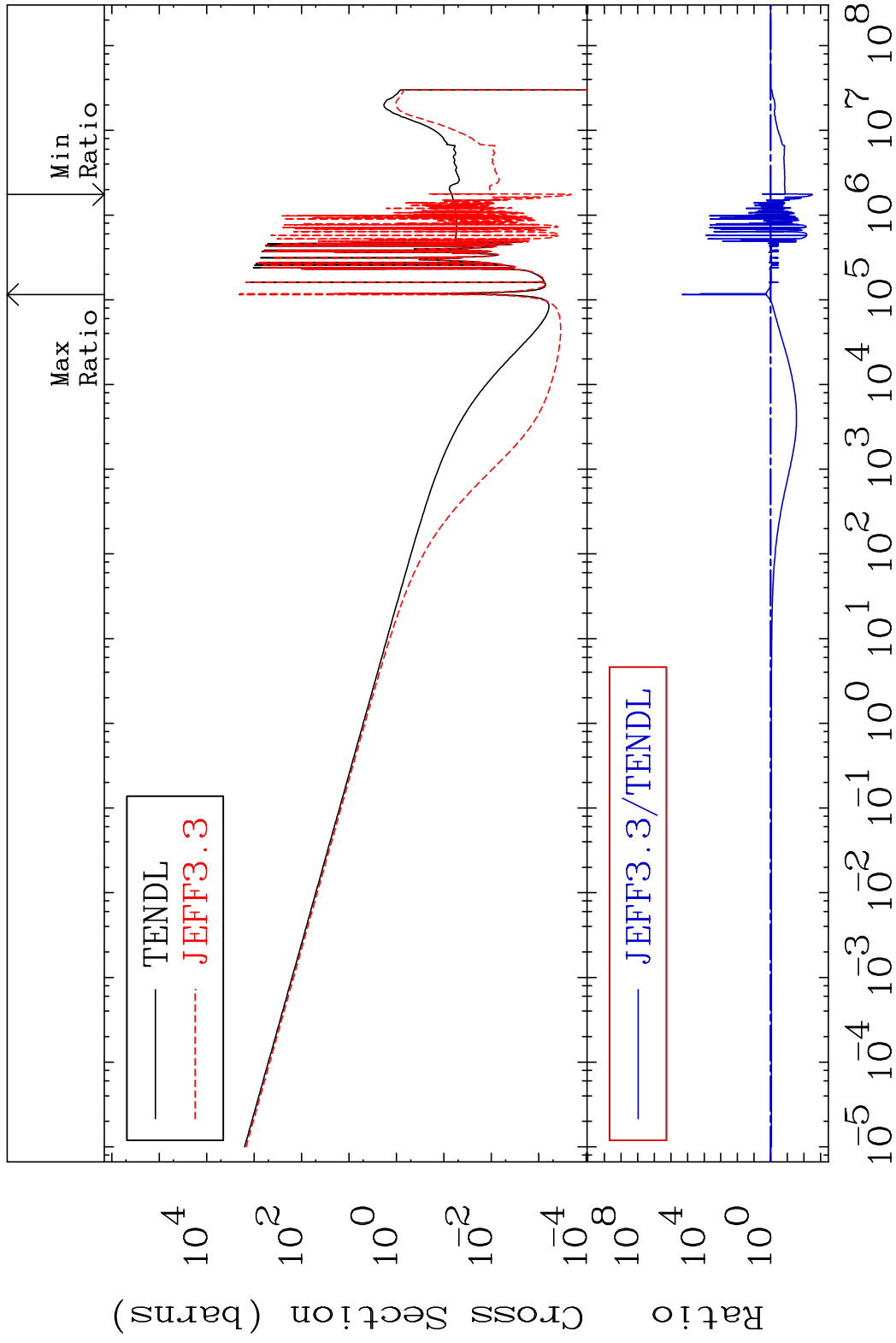


MAT 1631 Kerma fission (mt18 or mt19-20-21-38) 16-S -34  
 Cross Section -6.827 To 9999. %

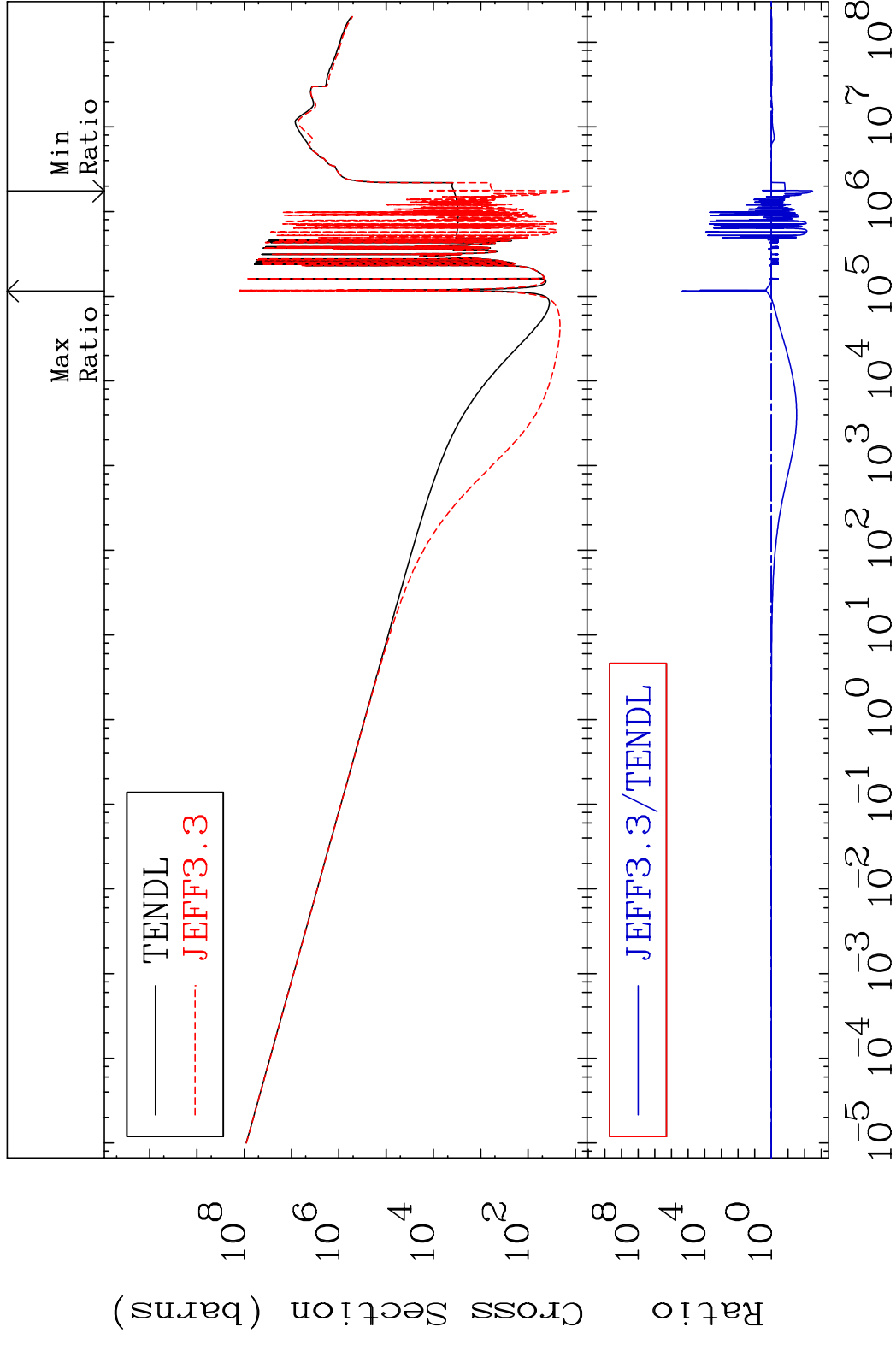


MAT 1631

Kerma capture (mt102) 16-S -34  
Cross Section -99.69 To 9999. %

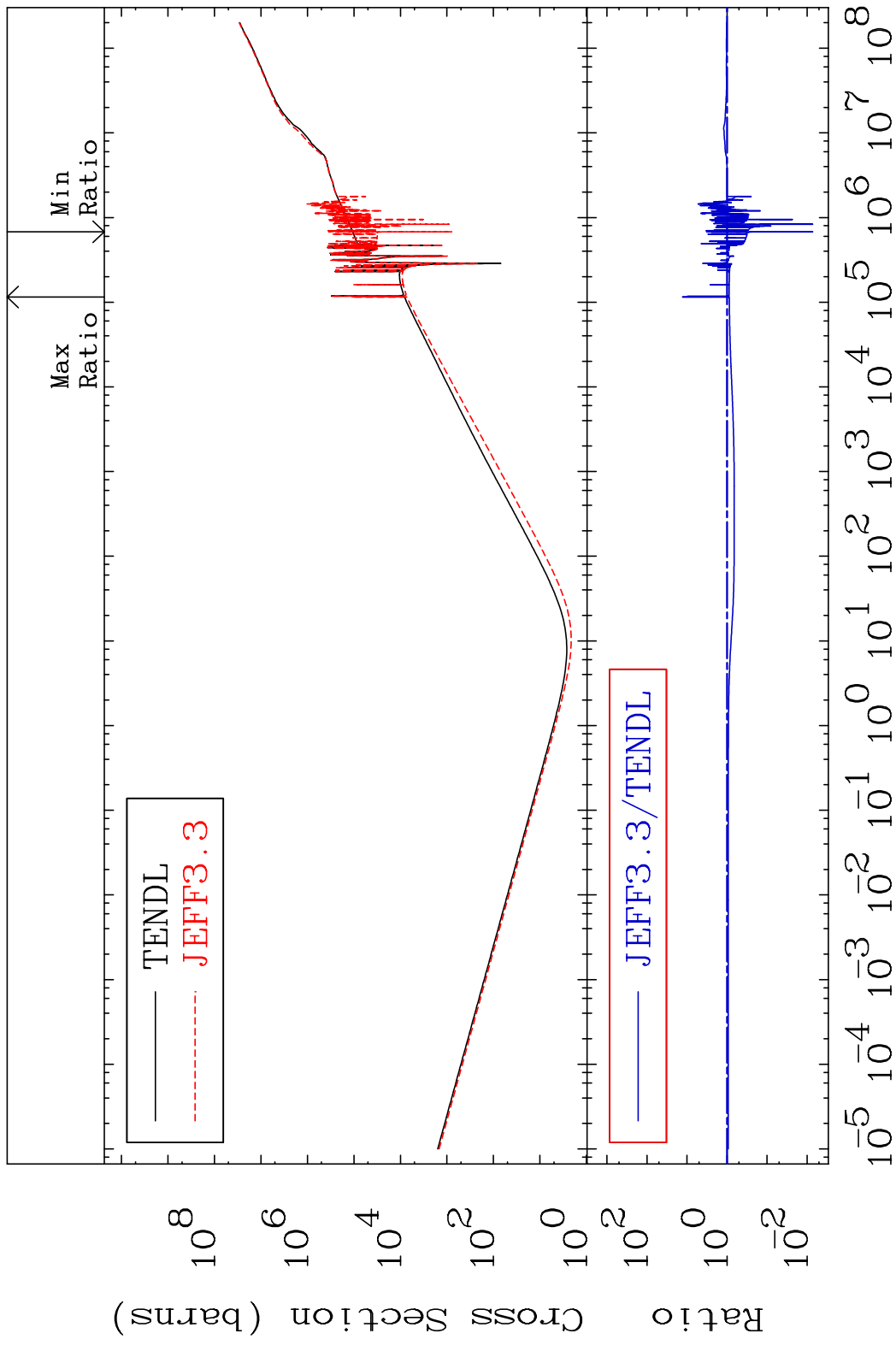


MAT 1631 Total photon (eV-barns) 16-S -34  
 Cross Section -99.67 To 9999. %

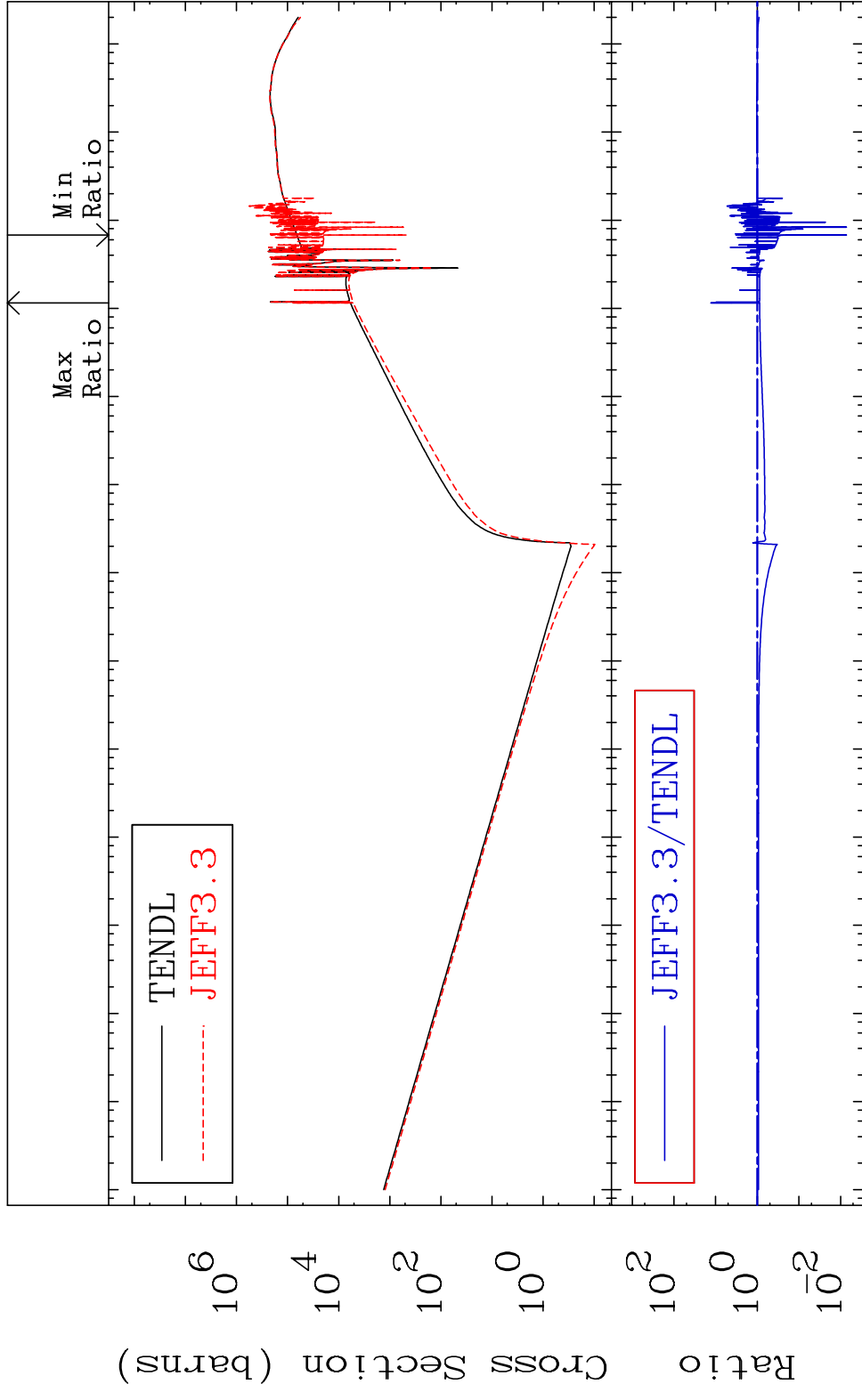




MAT 1631 Total kinematic kerma (high limit) 16-S -34  
 Cross Section -99.27 To 1205. %



MAT 1631      Dpa total (eV-barns)      16-S -34  
 Cross Section      -99.27 To 1209. %



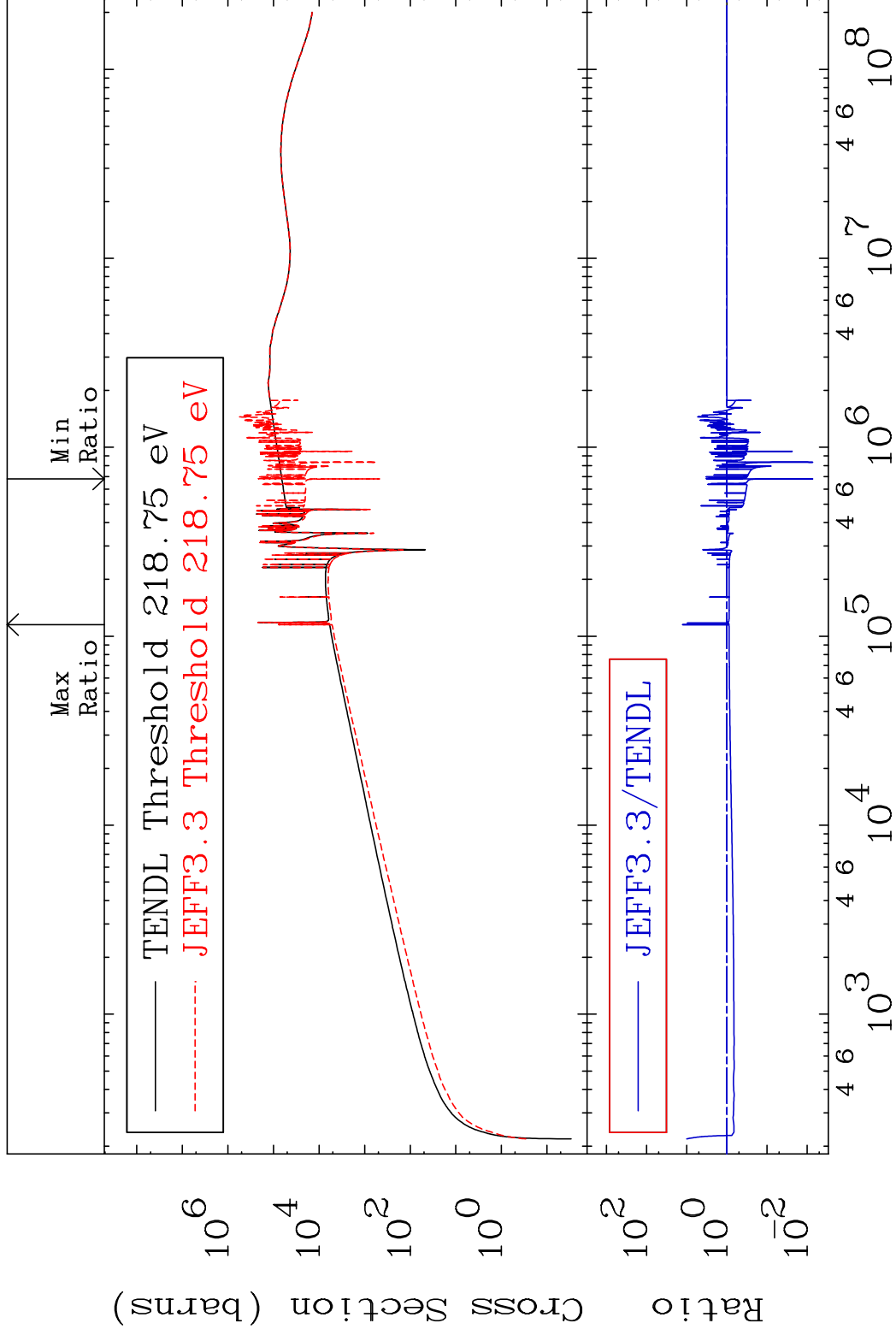
73      Incident Energy (eV)      16-S -34

MAT 1631

Dpa elastic (mt2)

16-S -34

Cross Section -99.27 To 1180. %

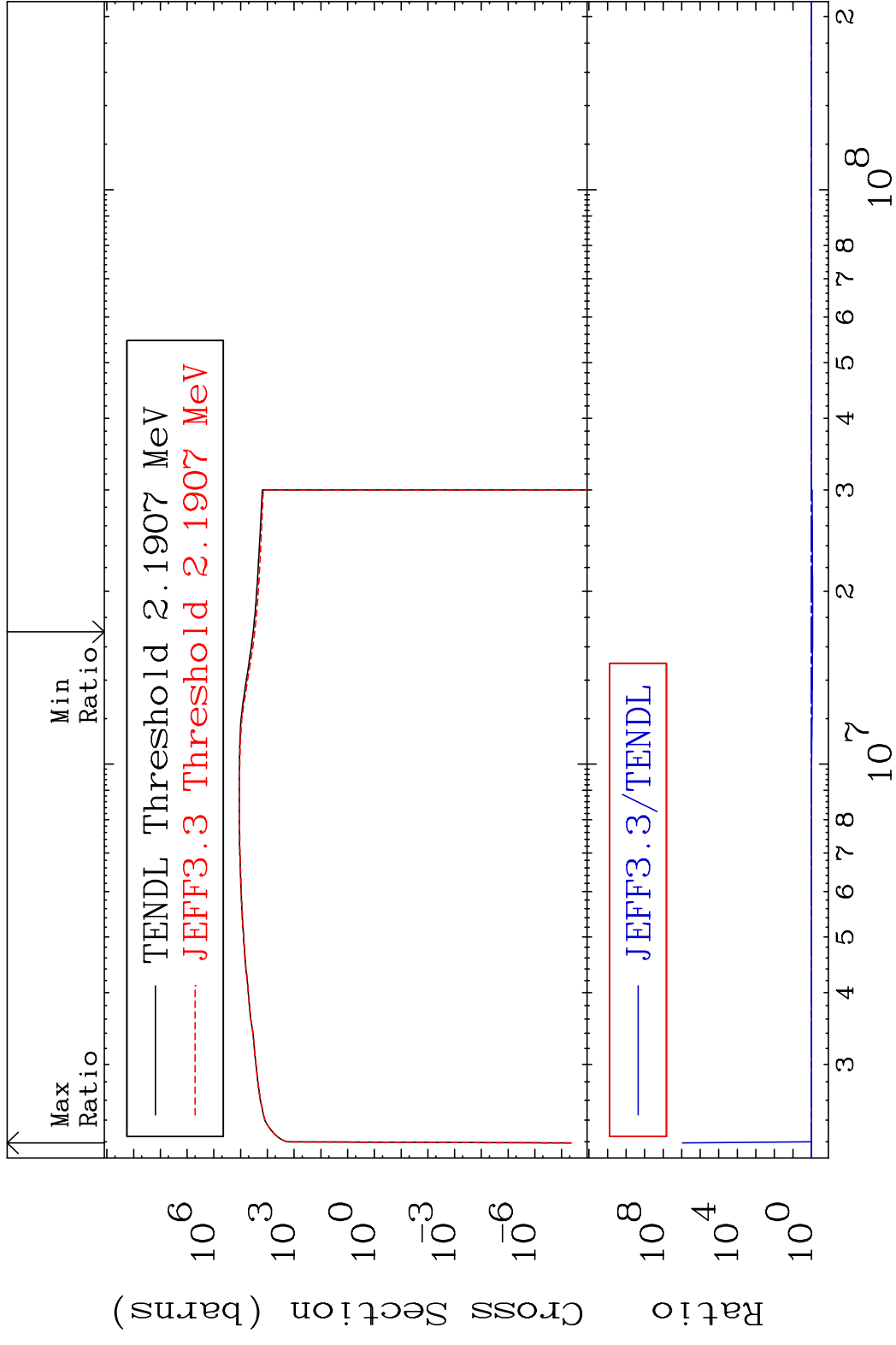


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Incident Energy (eV)

16-S -34

MAT 1631      Dpa inelastic (mt51-91)      16-S -34  
 Cross Section      -12.90 To 9999. %



MAT 1631 Dpa disappearance (mt102 -120) 16-S -34  
 Cross Section -99.69 To 9999. %

