

Program Complot  
(Version 2021-1)

by

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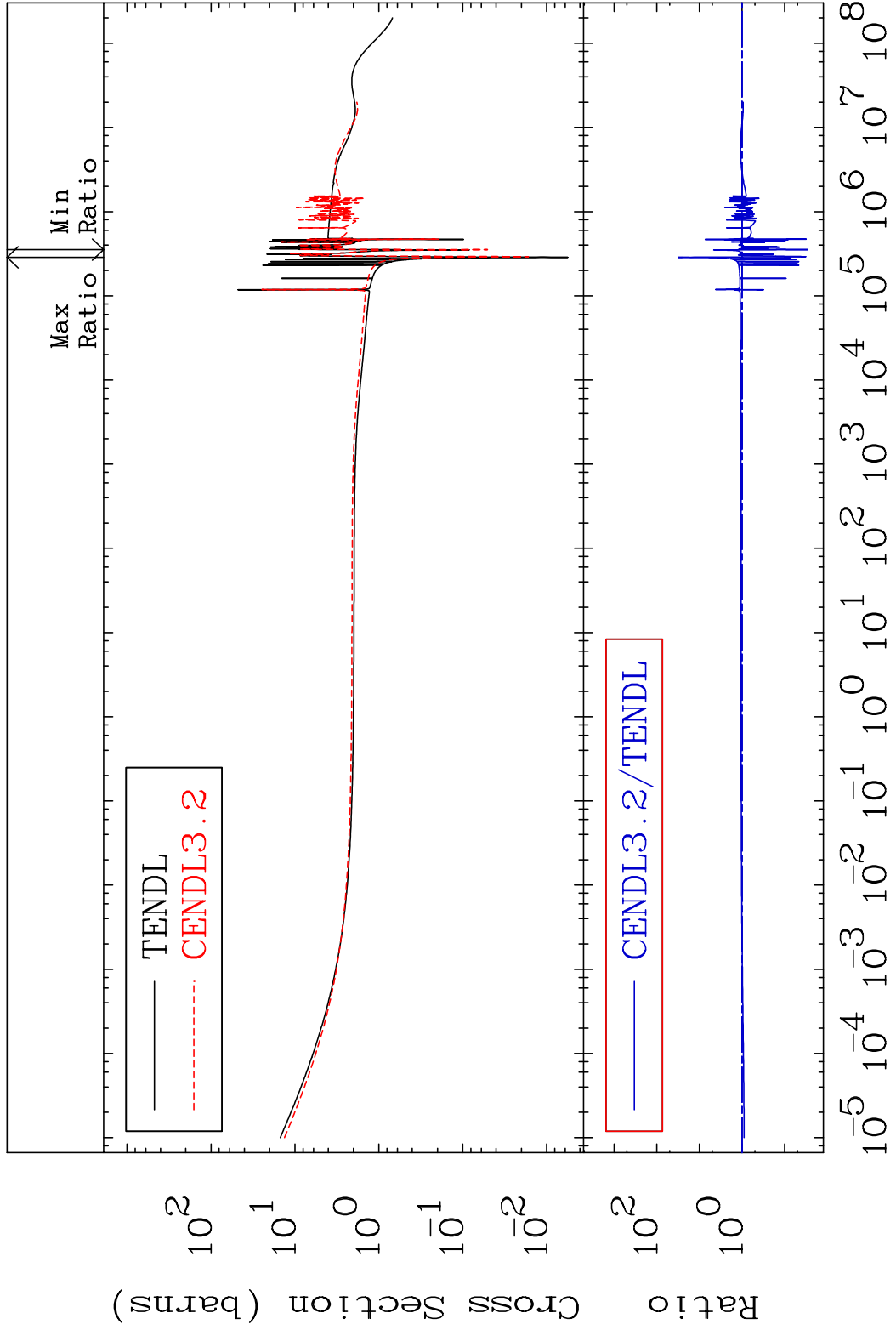
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 1631                      Total                      16-S -34  
 Cross Section                      -97.12 To 3027. %



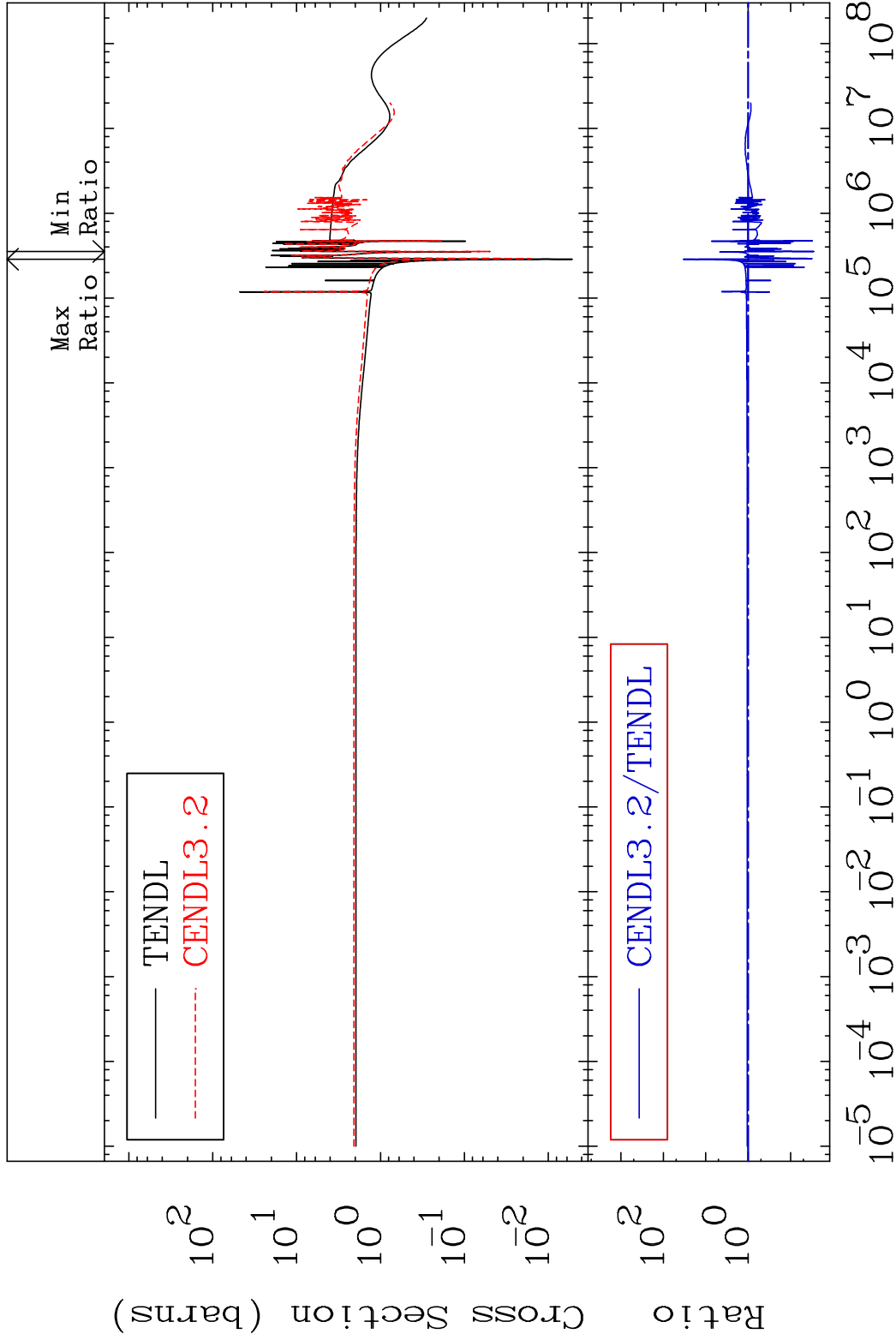
1                      Incident Energy (eV)                      16-S -34

MAT 1631

Elastic

16-S -34

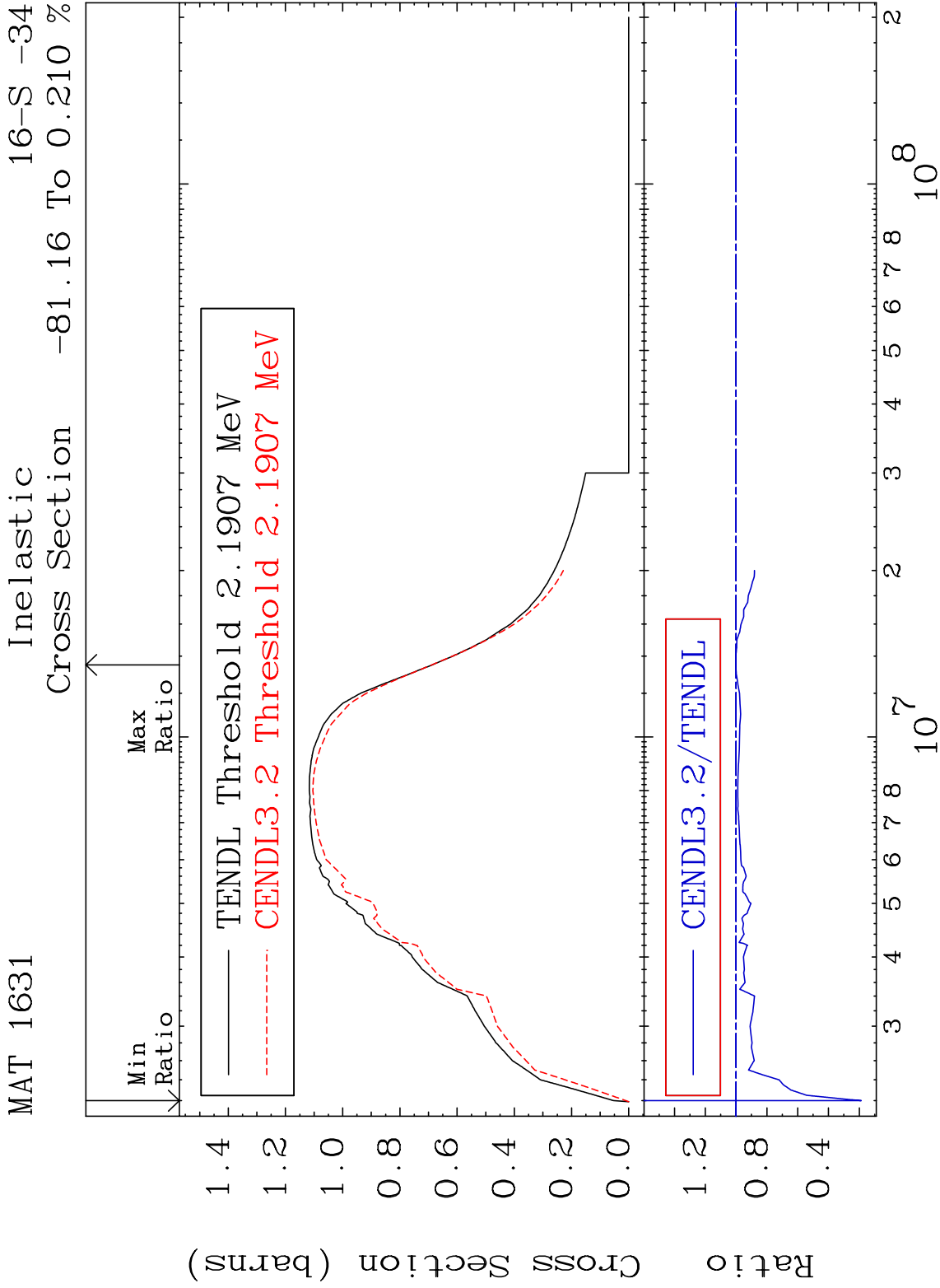
Cross Section -97.17 To 3253. %



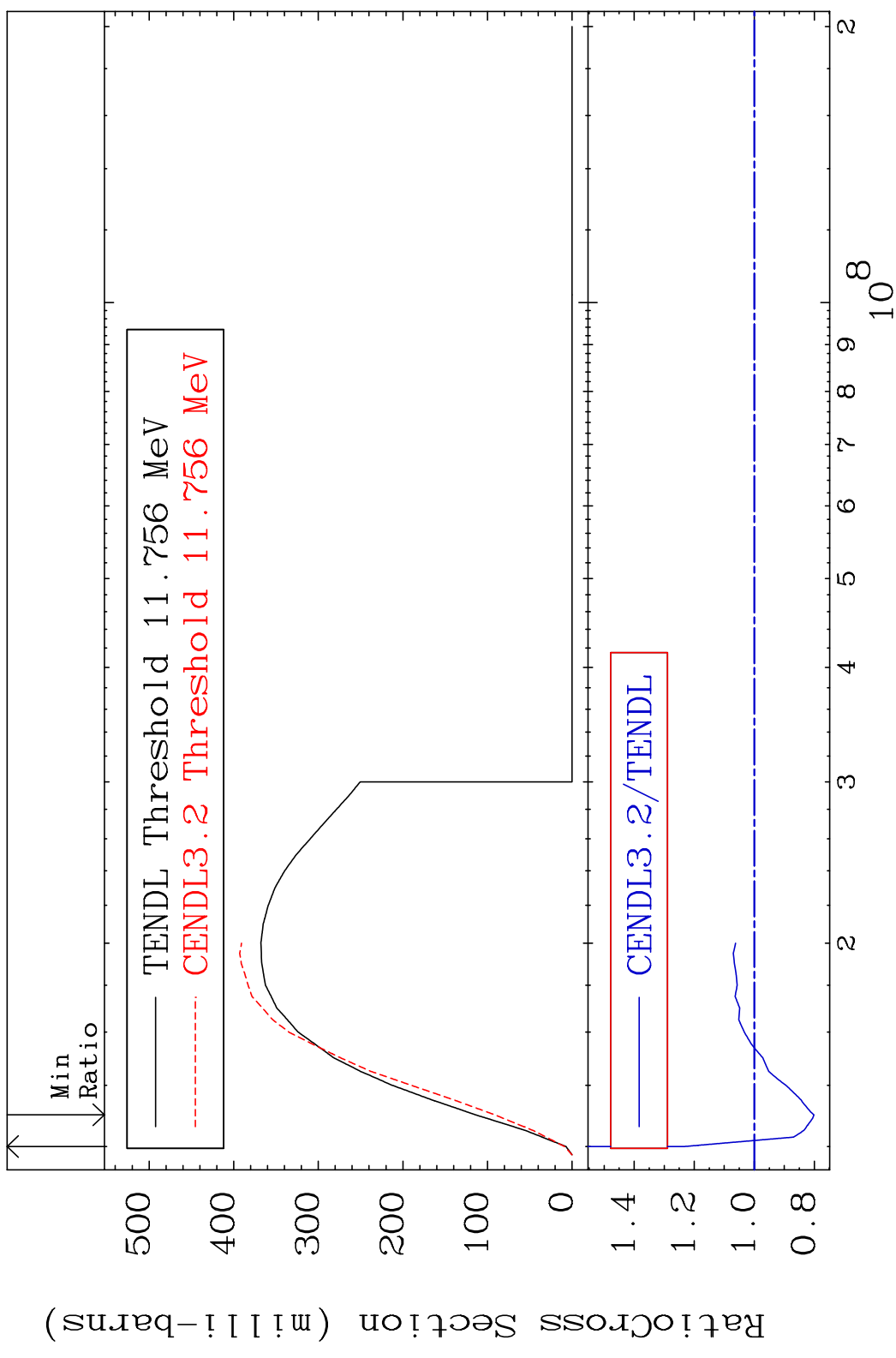
2

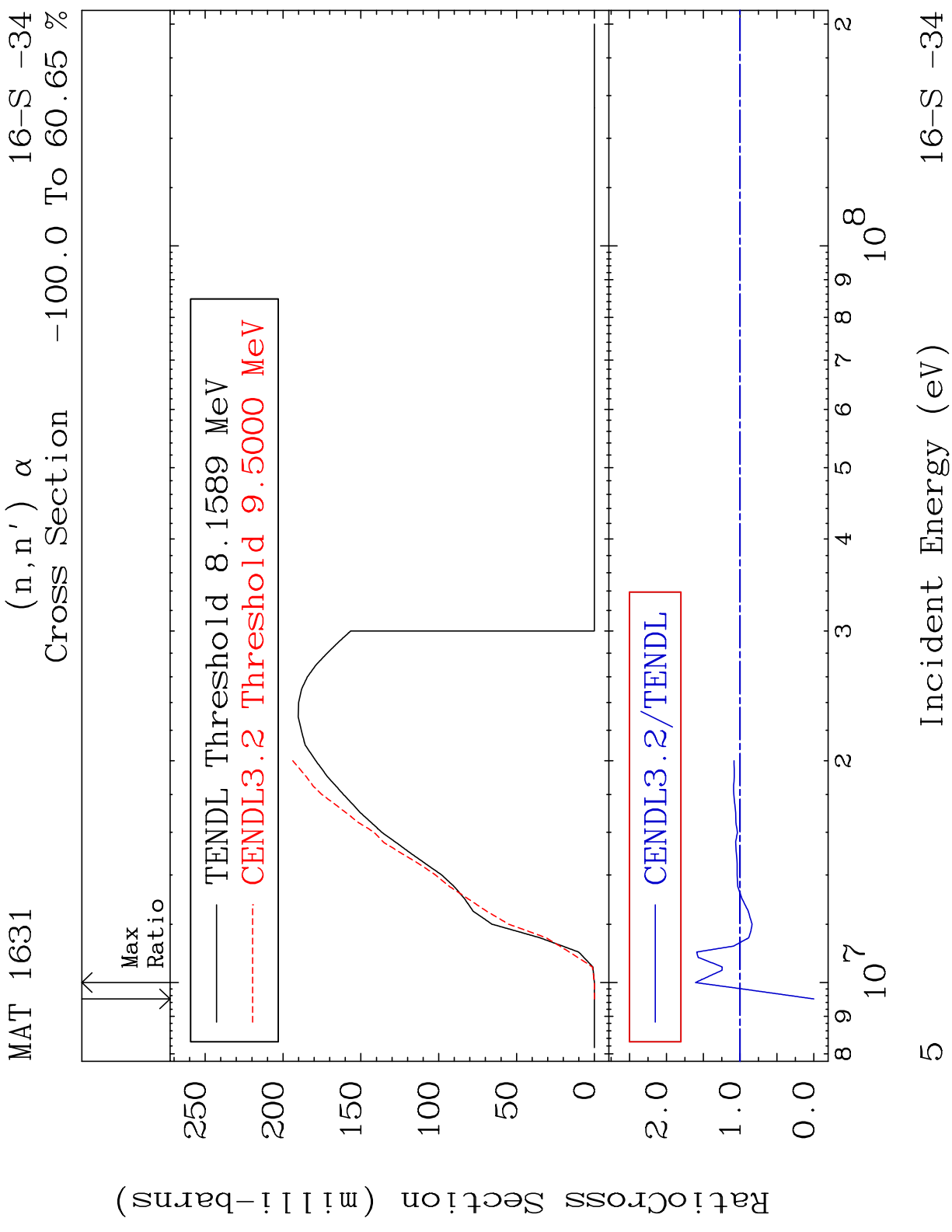
Incident Energy (eV)

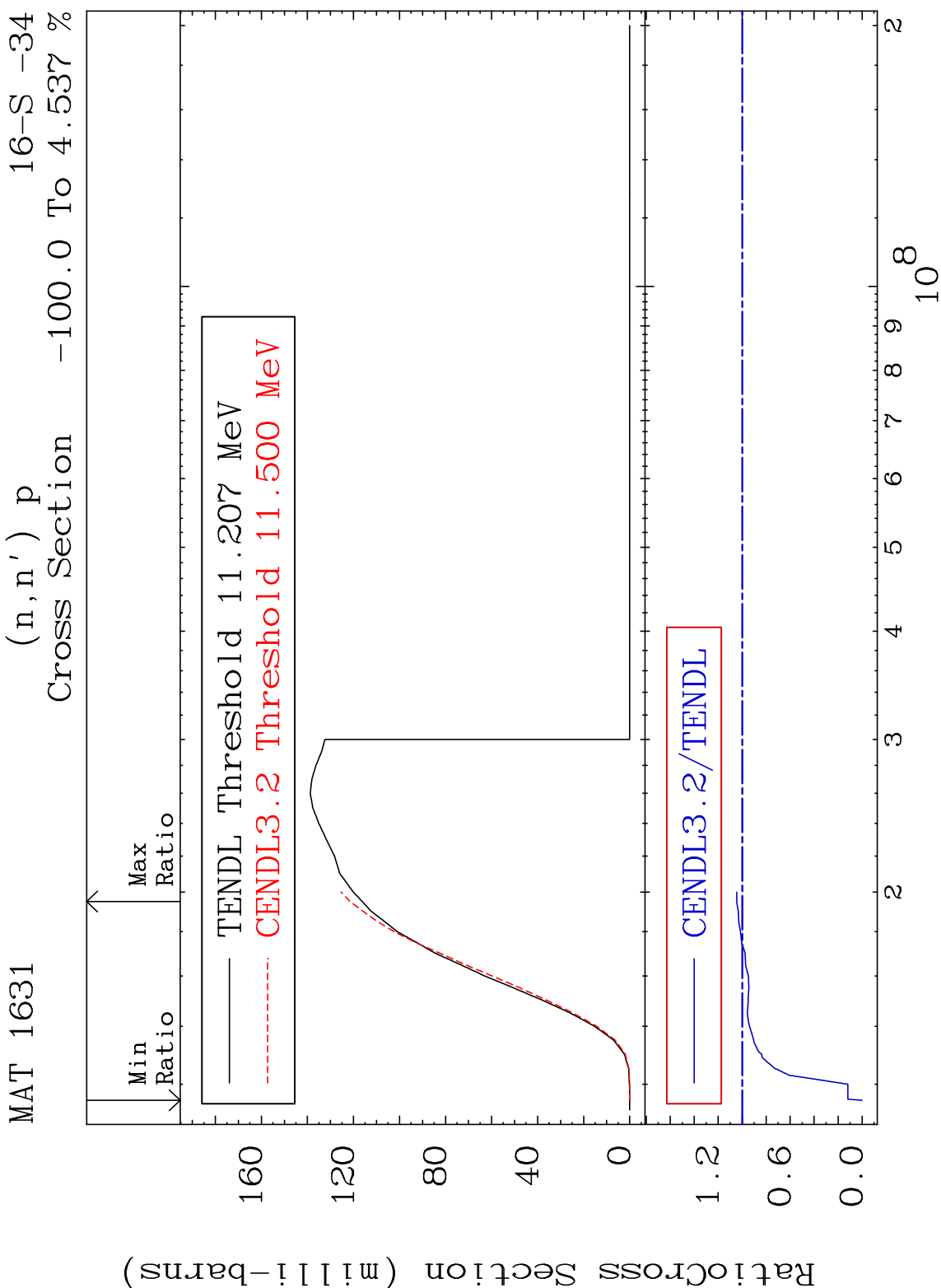
16-S -34



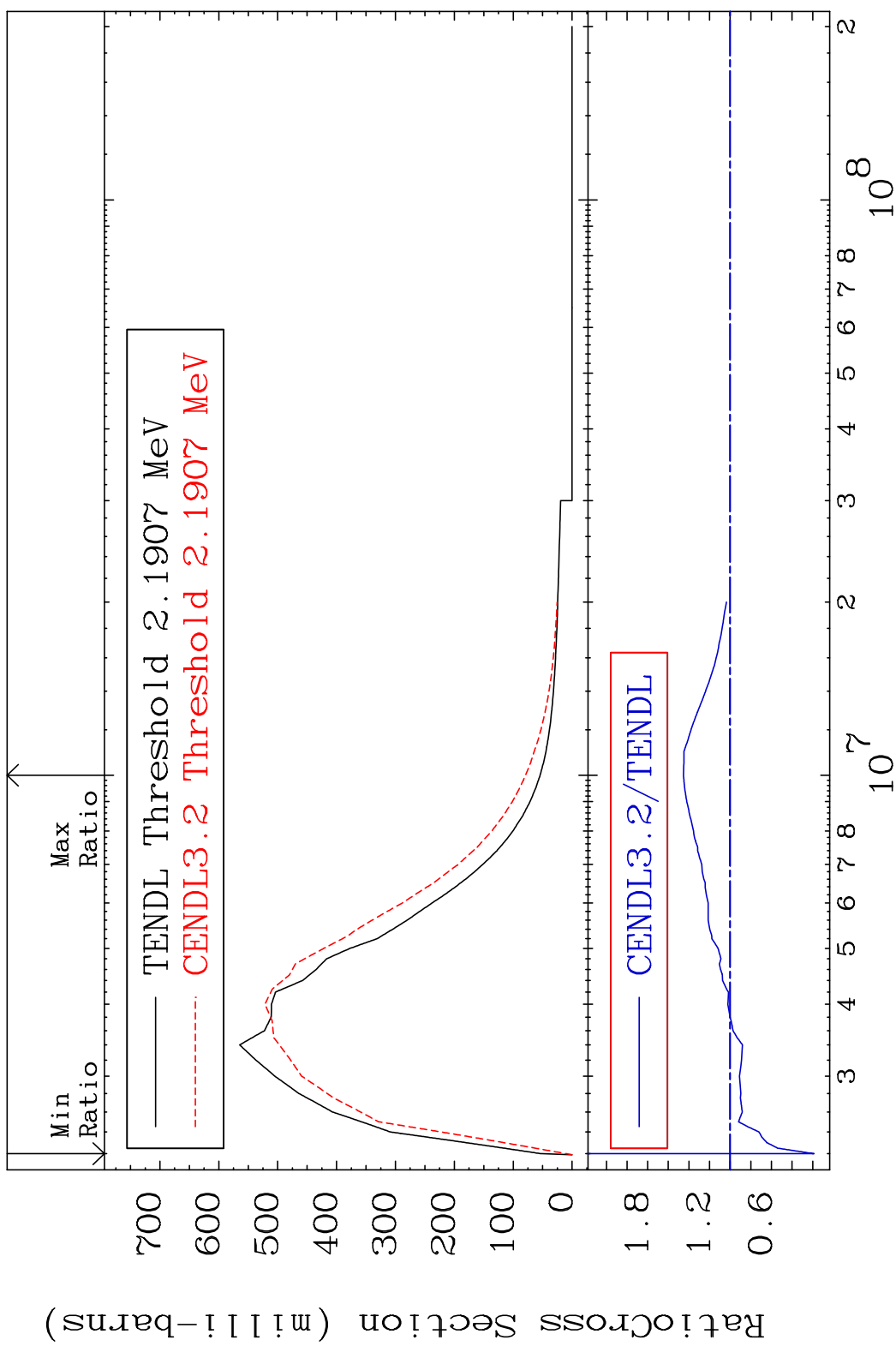
MAT 1631 (n,2n) 16-S -34  
 Cross Section -19.85 To 23.58 %







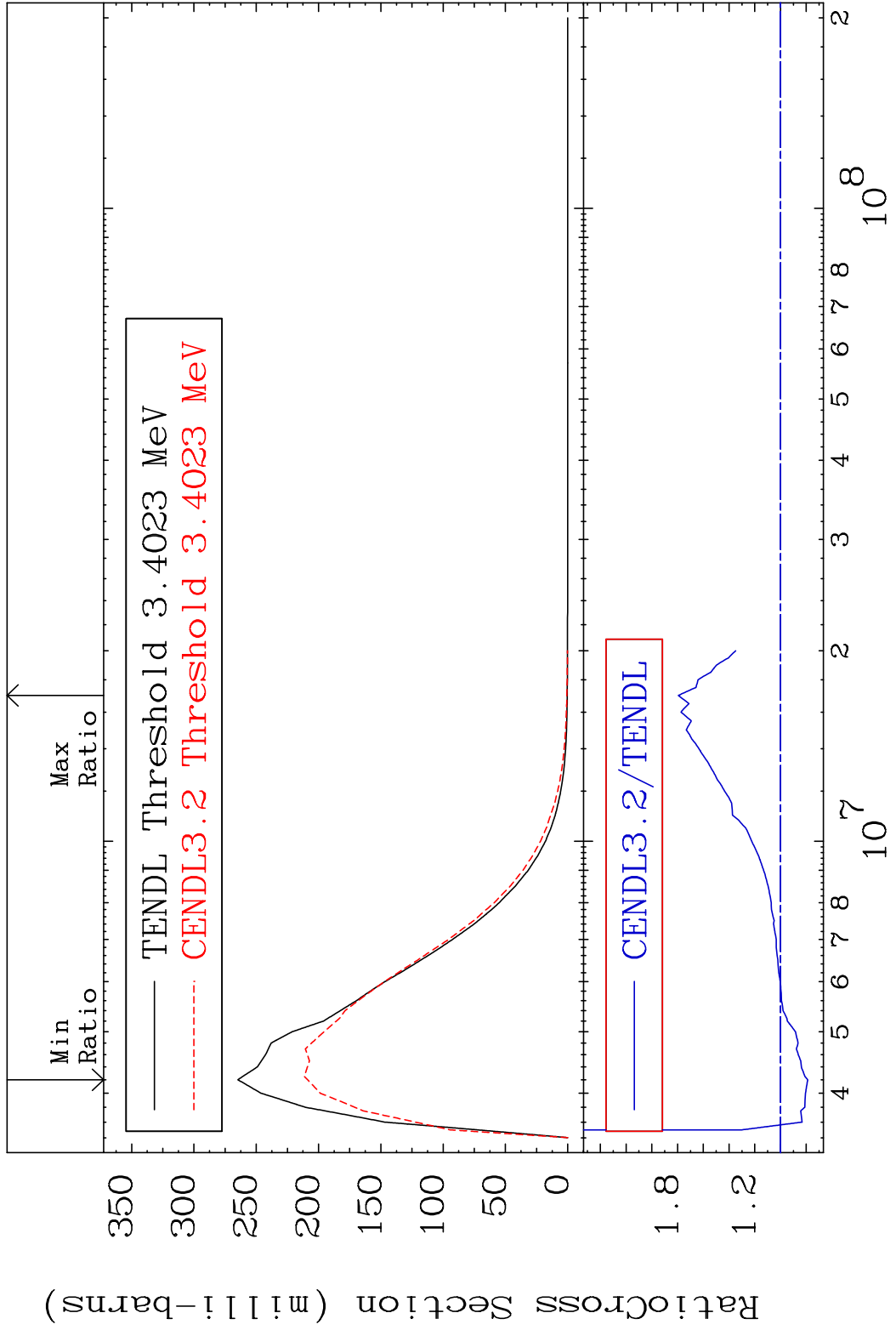
MAT 1631 MT= 51 (n, n') Level 16-S -34  
 Cross Section -81.16 To 45.30 %



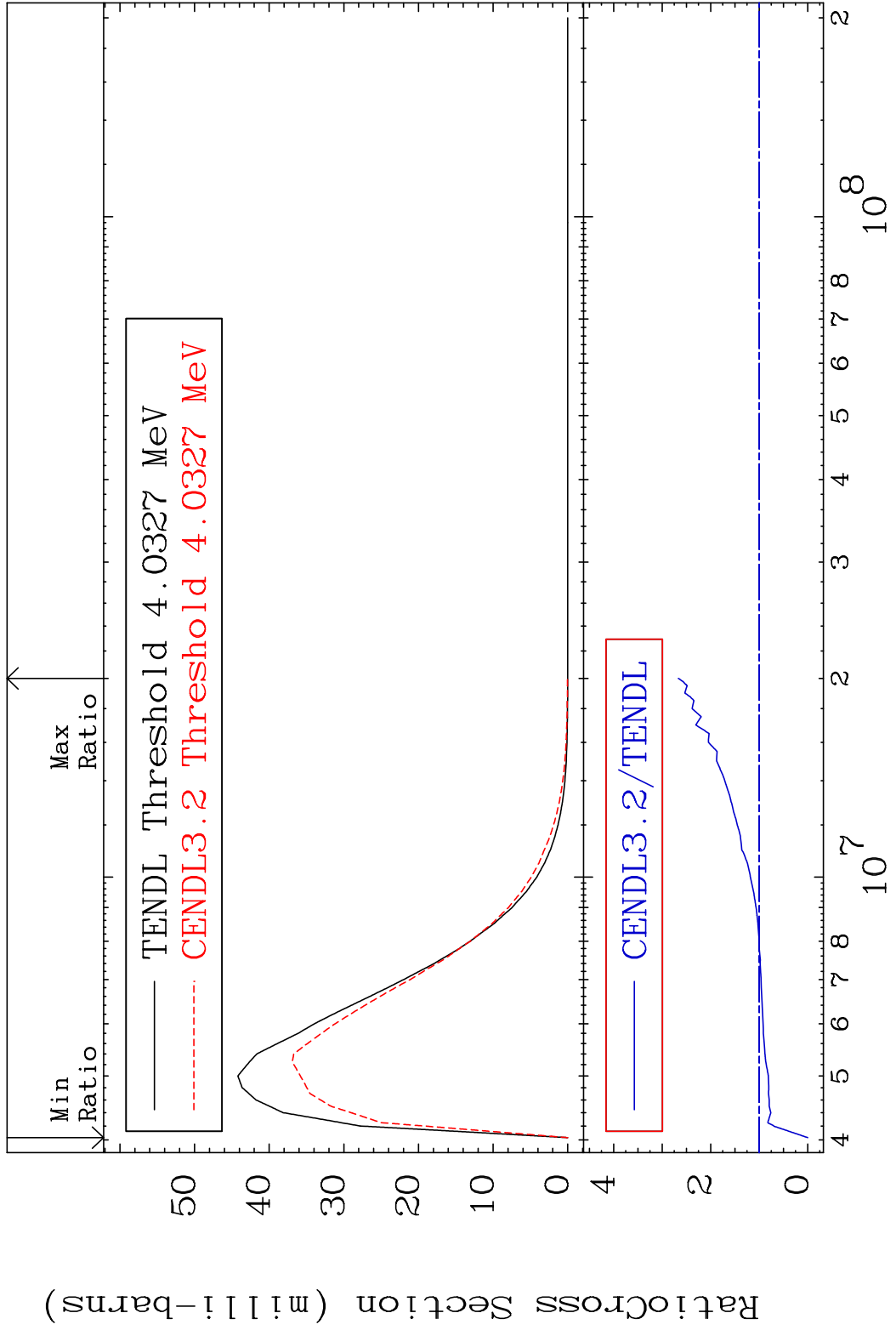
7 Incident Energy (eV) 16-S -34



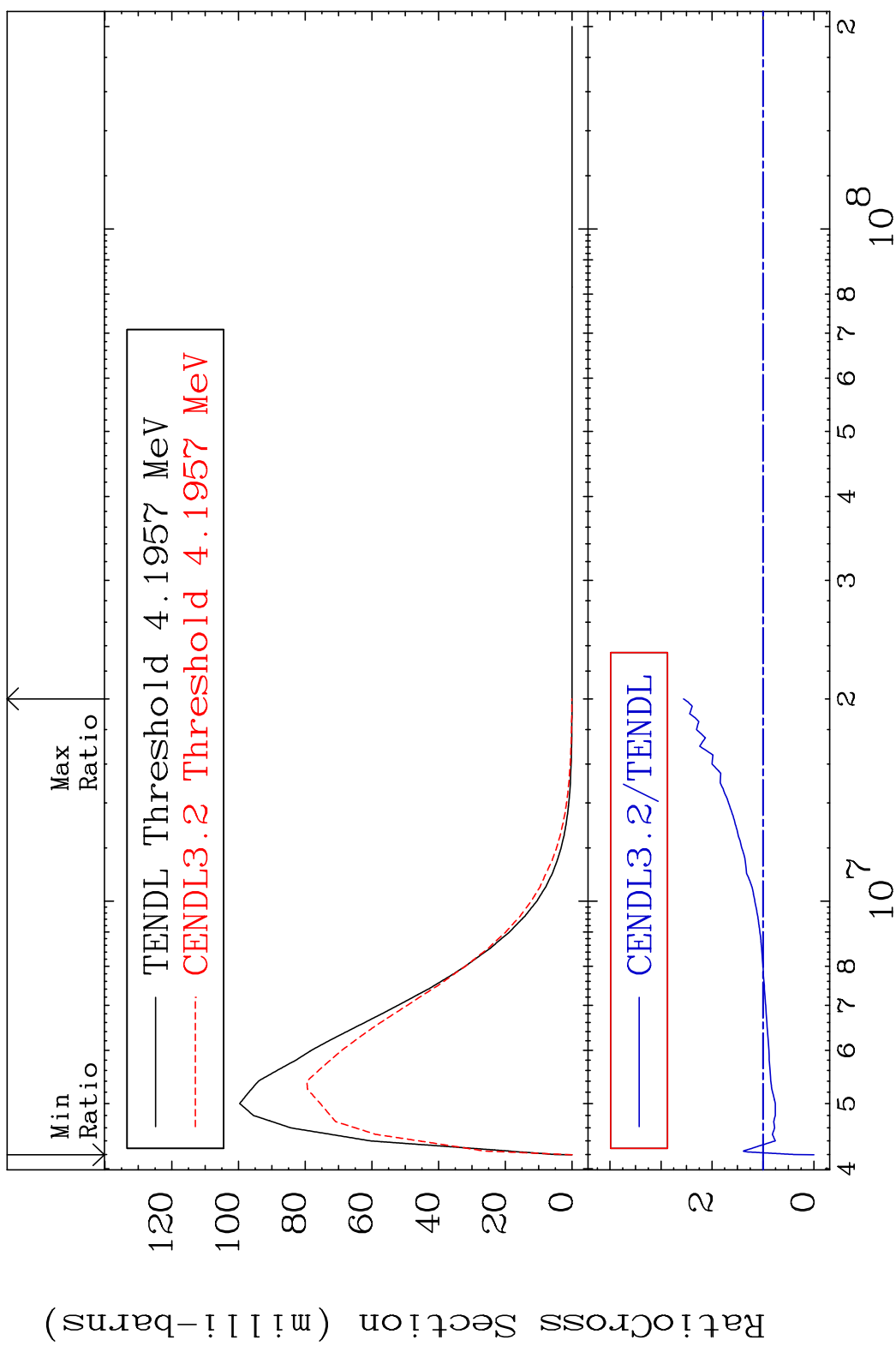
MAT 1631 MT= 52 (n, n') Level 16-S -34  
 Cross Section -21.12 To 79.45 %



MAT 1631 MT= 53 (n, n') Level 16-S -34  
 Cross Section -100.0 To 166.8 %

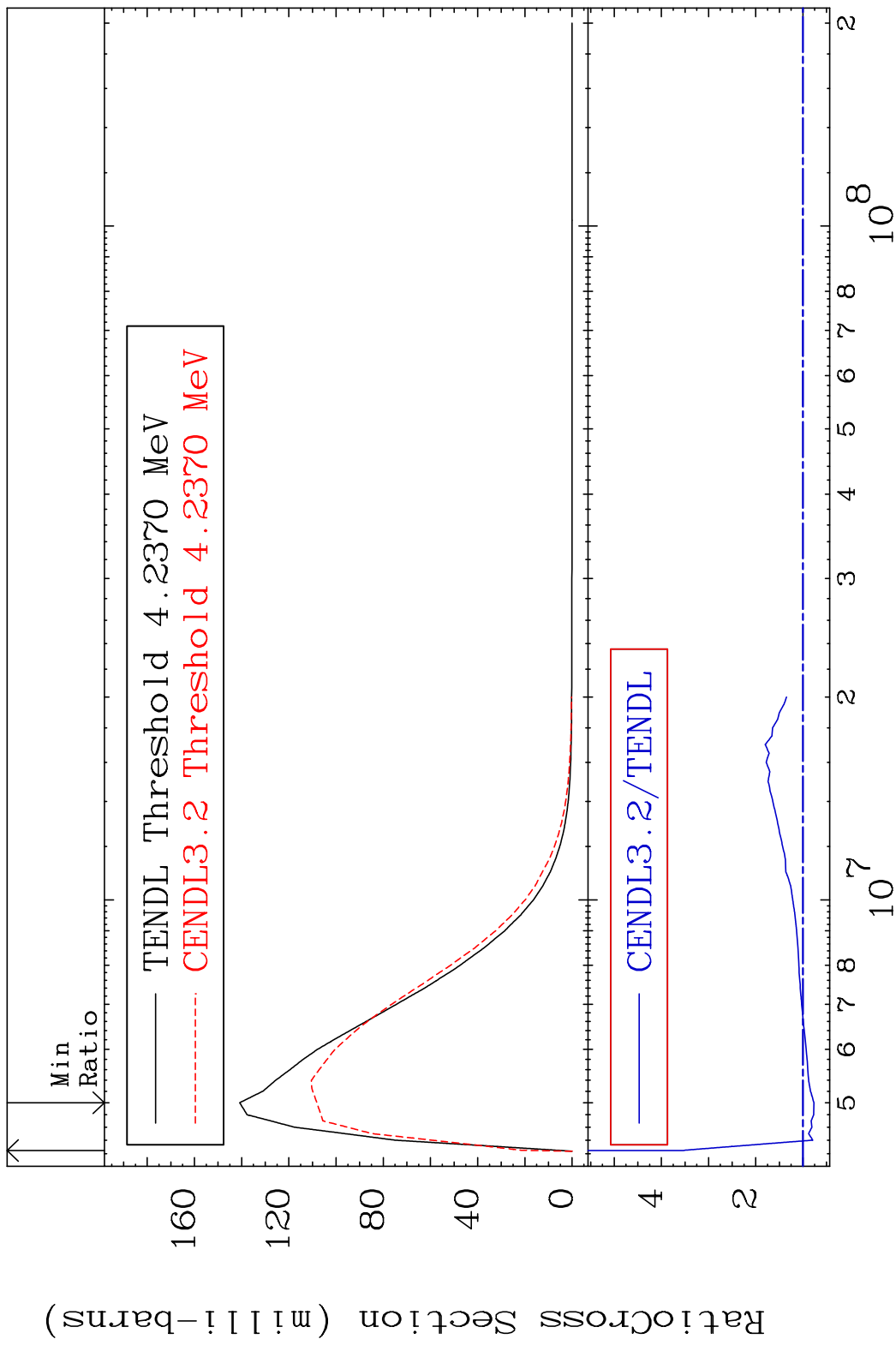


MAT 1631 MT= 54 (n, n') Level 16-S -34  
 Cross Section -100.0 To 155.9 %



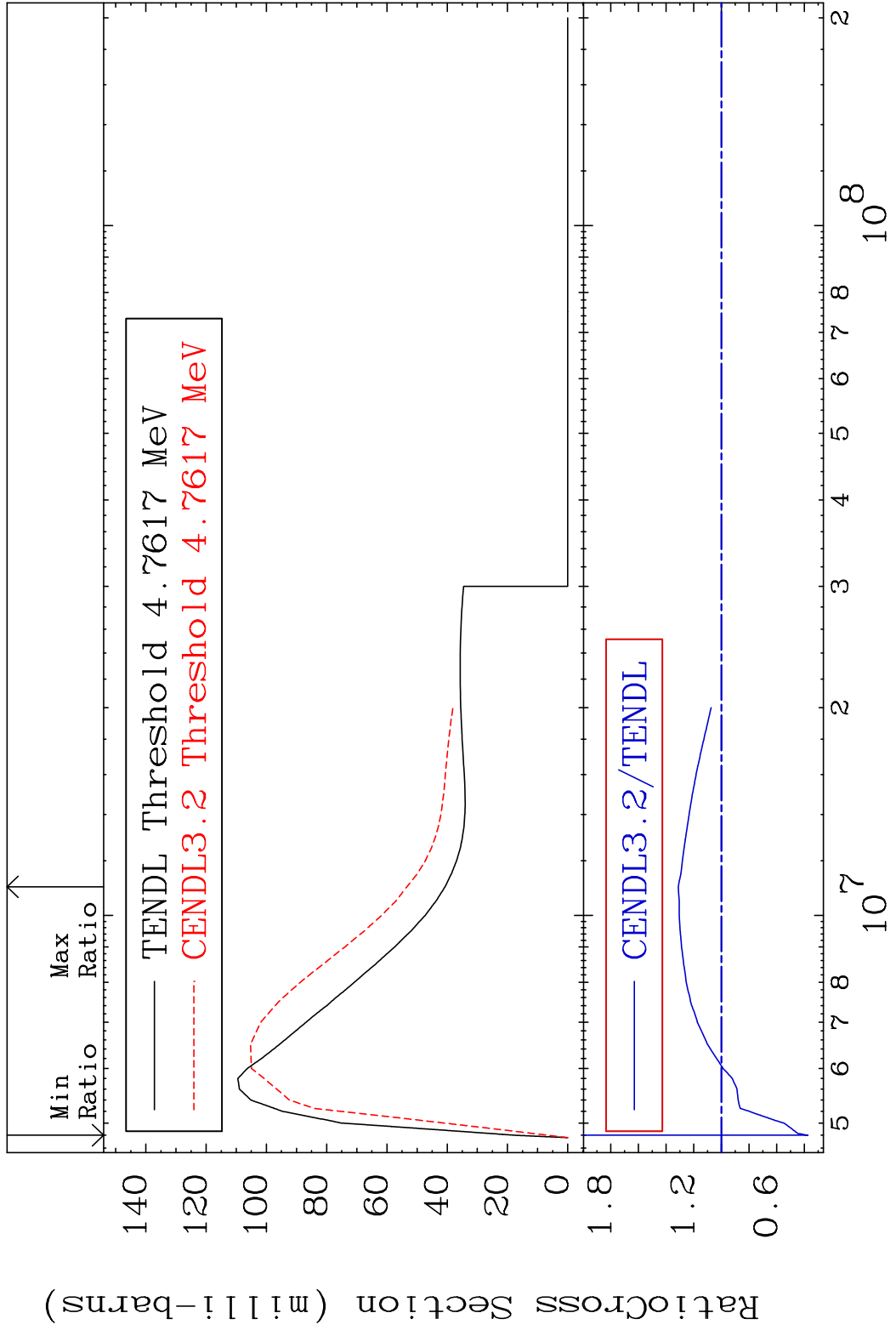
10 Incident Energy (eV) 16-S -34

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



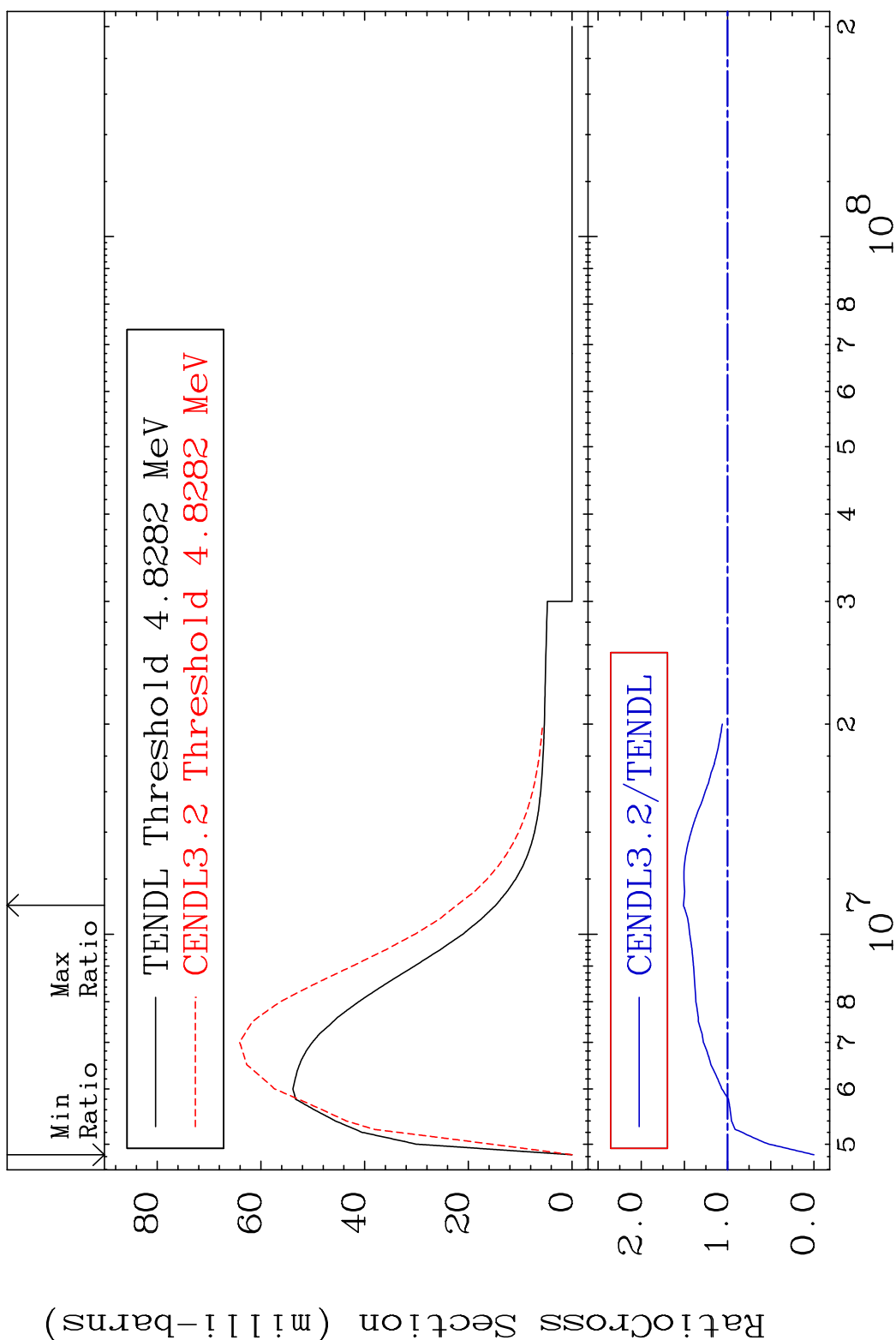
11 Incident Energy (eV) 16-S -34

MAT 1631 MT= 56 (n, n') Level 16-S -34  
 Cross Section -62.48 To 31.15 %



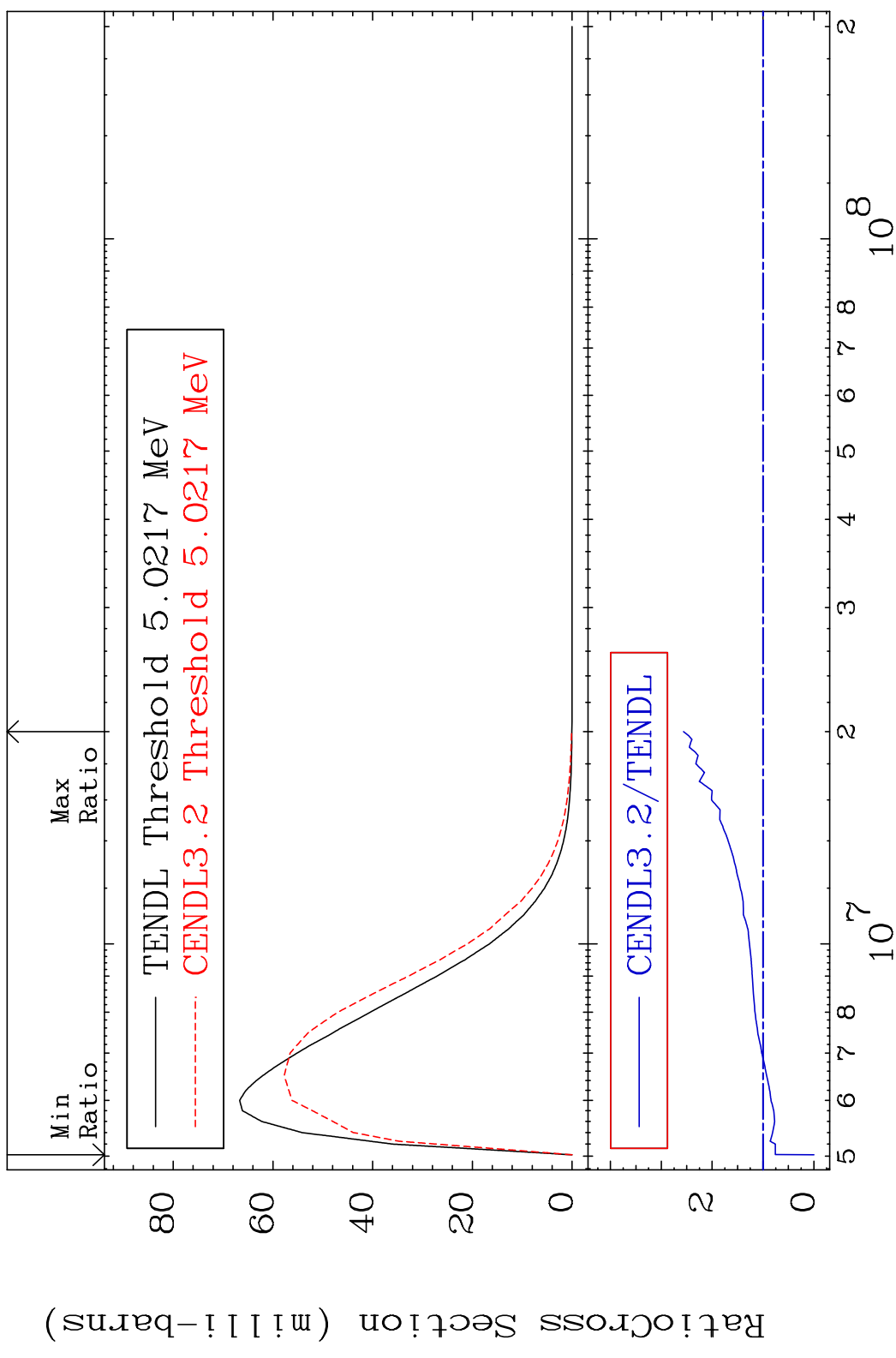
12 16-S -34

MAT 1631 MT= 57 (n, n') Level 16-S -34  
 Cross Section -100.0 To 51.09 %



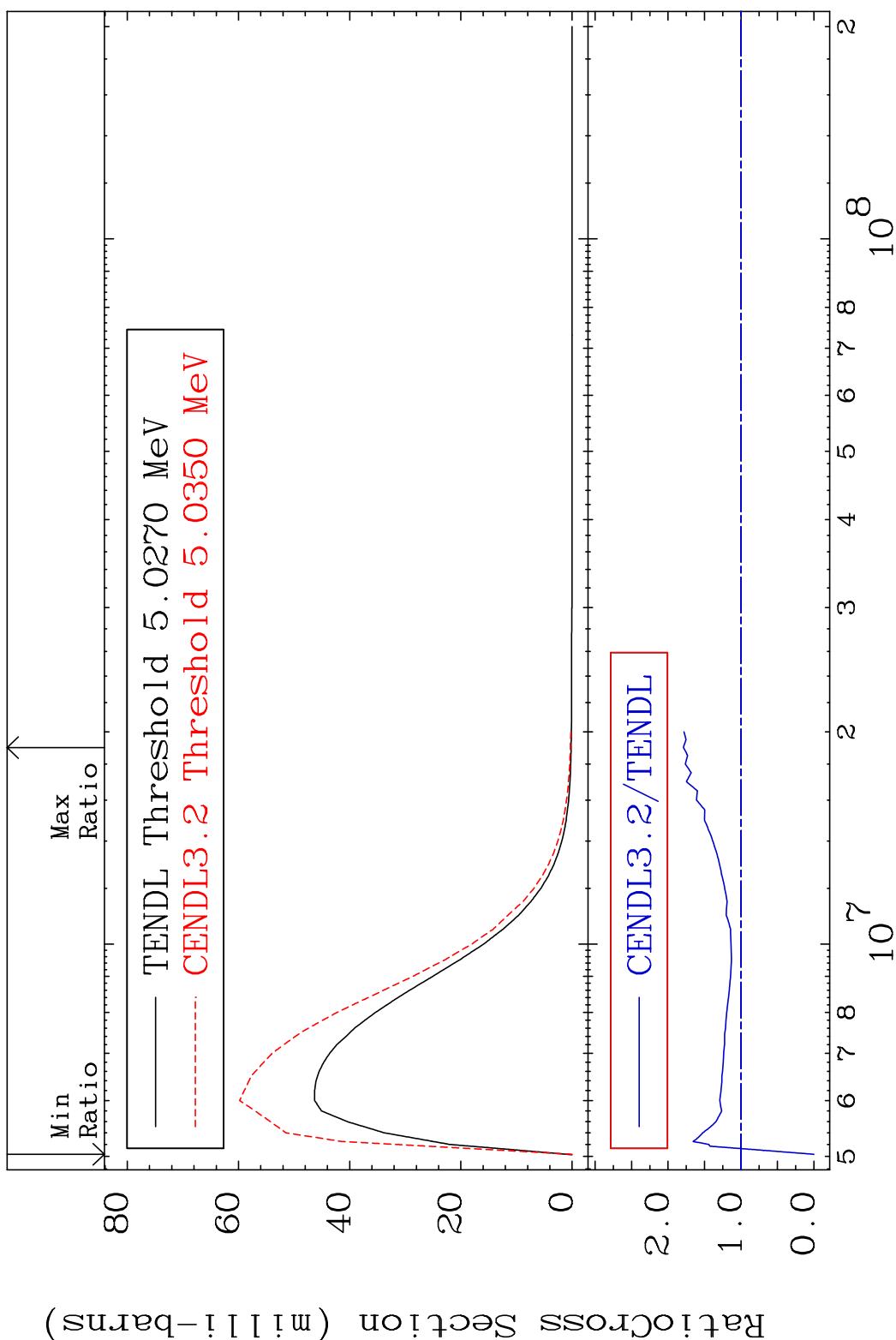
13 16-S -34

MAT 1631 MT= 58 (n, n') Level 16-S -34  
 Cross Section -100.0 To 156.4 %



14 Incident Energy (eV) 16-S -34

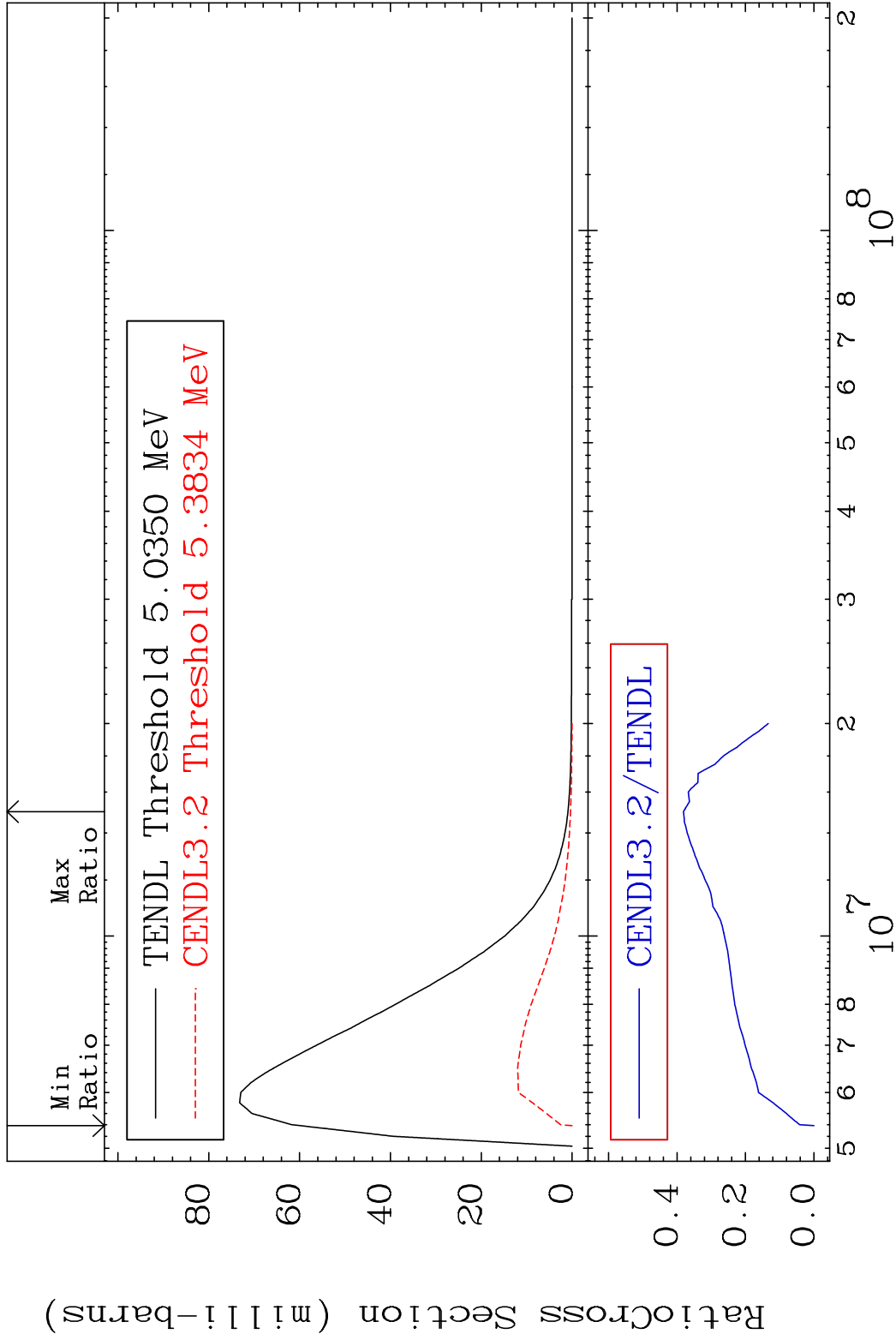
MAT 1631 MT= 59 (n, n') Level 16-S -34  
 Cross Section -100.0 To 78.85 %



15 Incident Energy (eV) 16-S -34

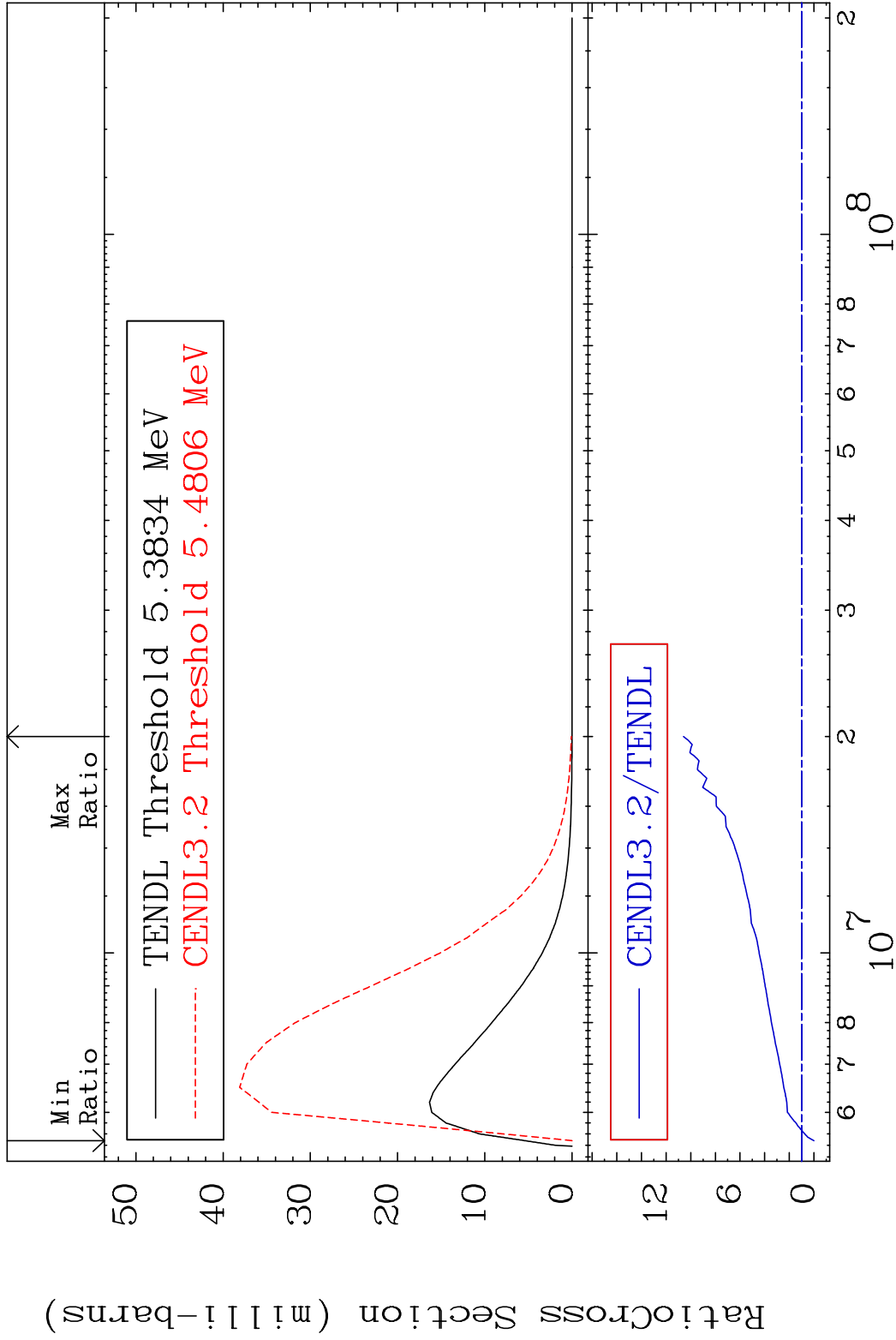


MAT 1631 MT= 60 (n, n') Level 16-S -34  
 Cross Section -100.0 To -61.87%



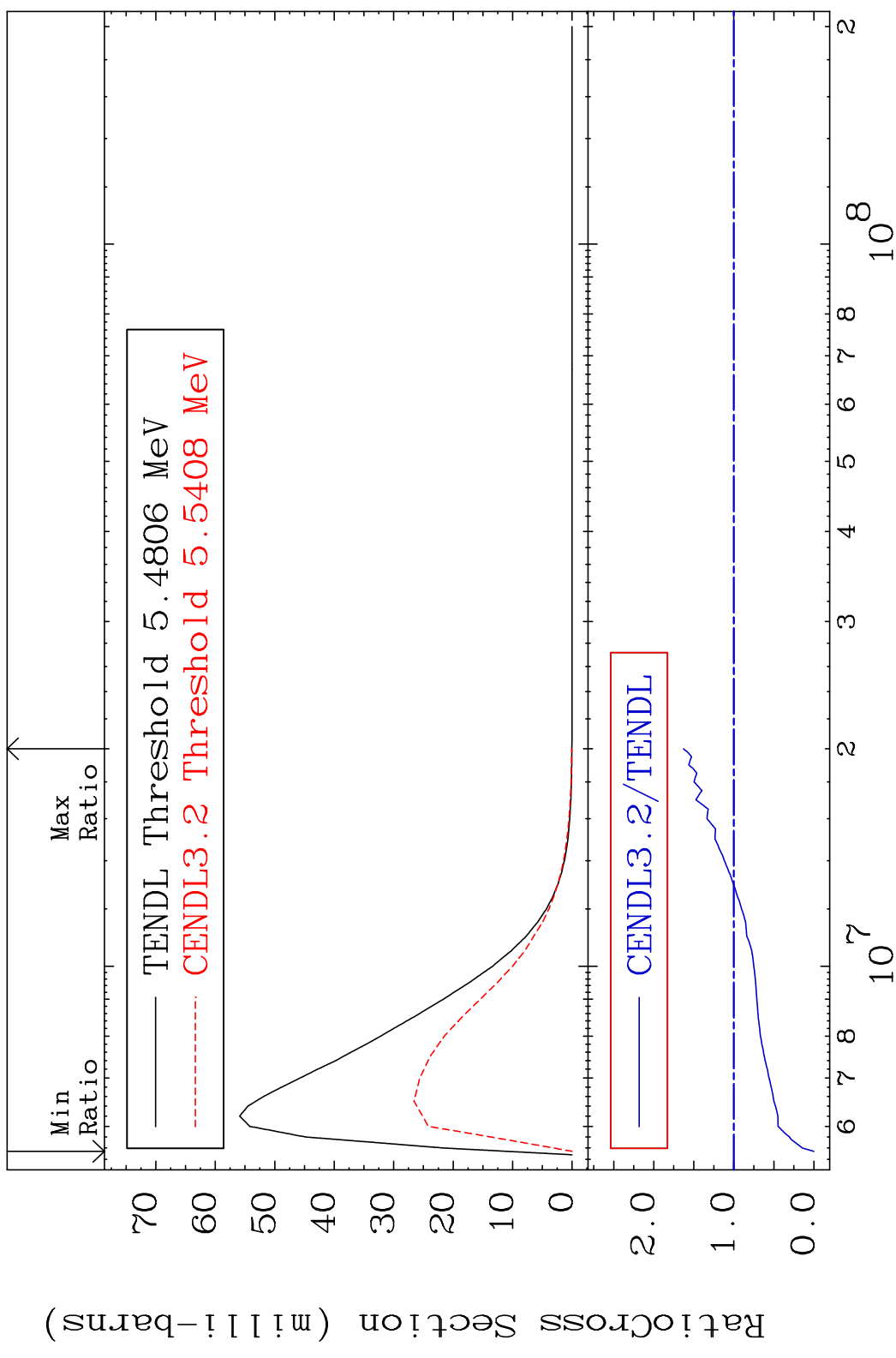
16 Incident Energy (eV) 16-S -34

MAT 1631 MT= 61 (n, n') Level 16-S -34  
 Cross Section -100.0 To 959.1 %



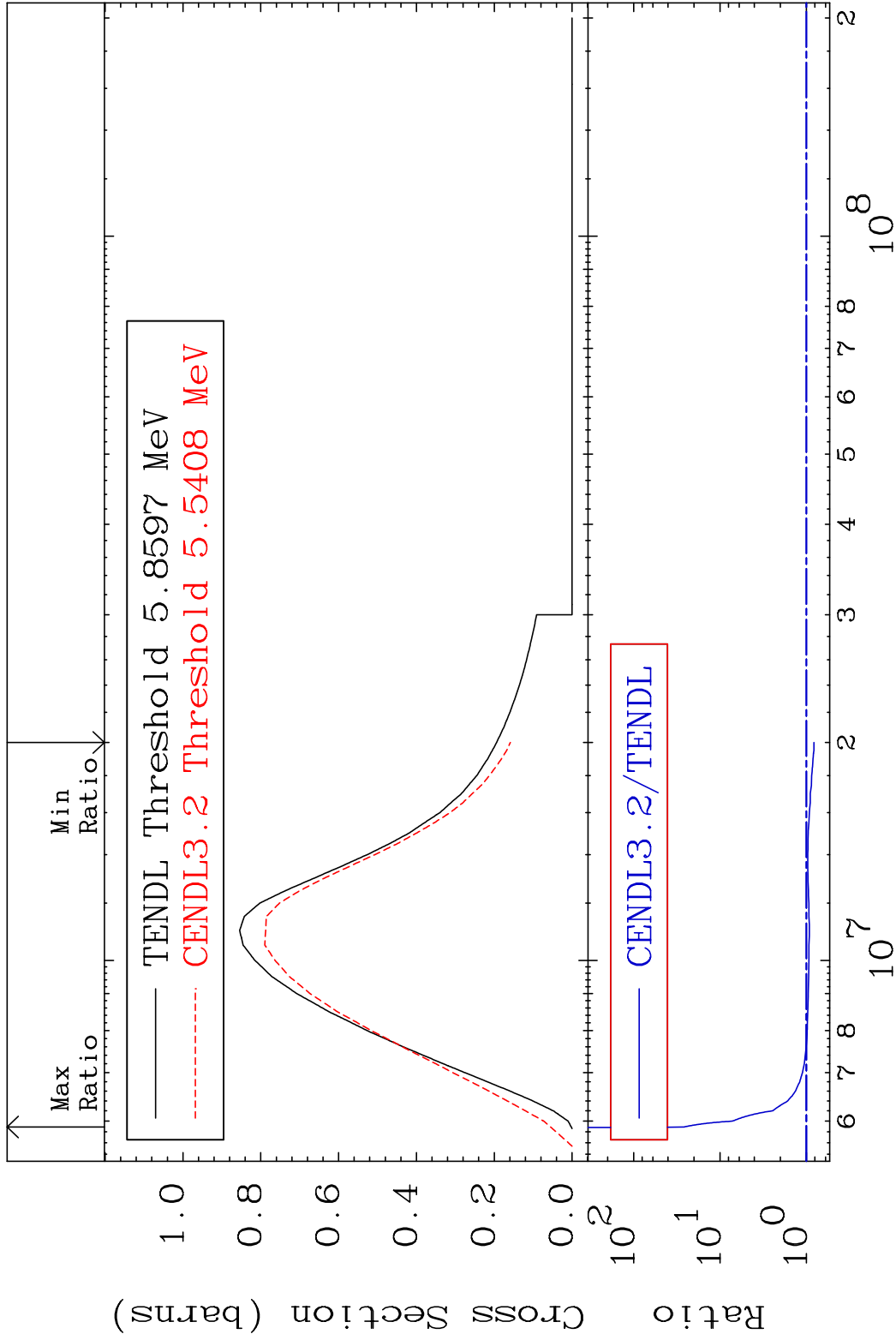
17 Incident Energy (eV) 16-S -34

MAT 1631 MT= 62 (n, n') Level 16-S -34  
 Cross Section -100.0 To 62.91 %

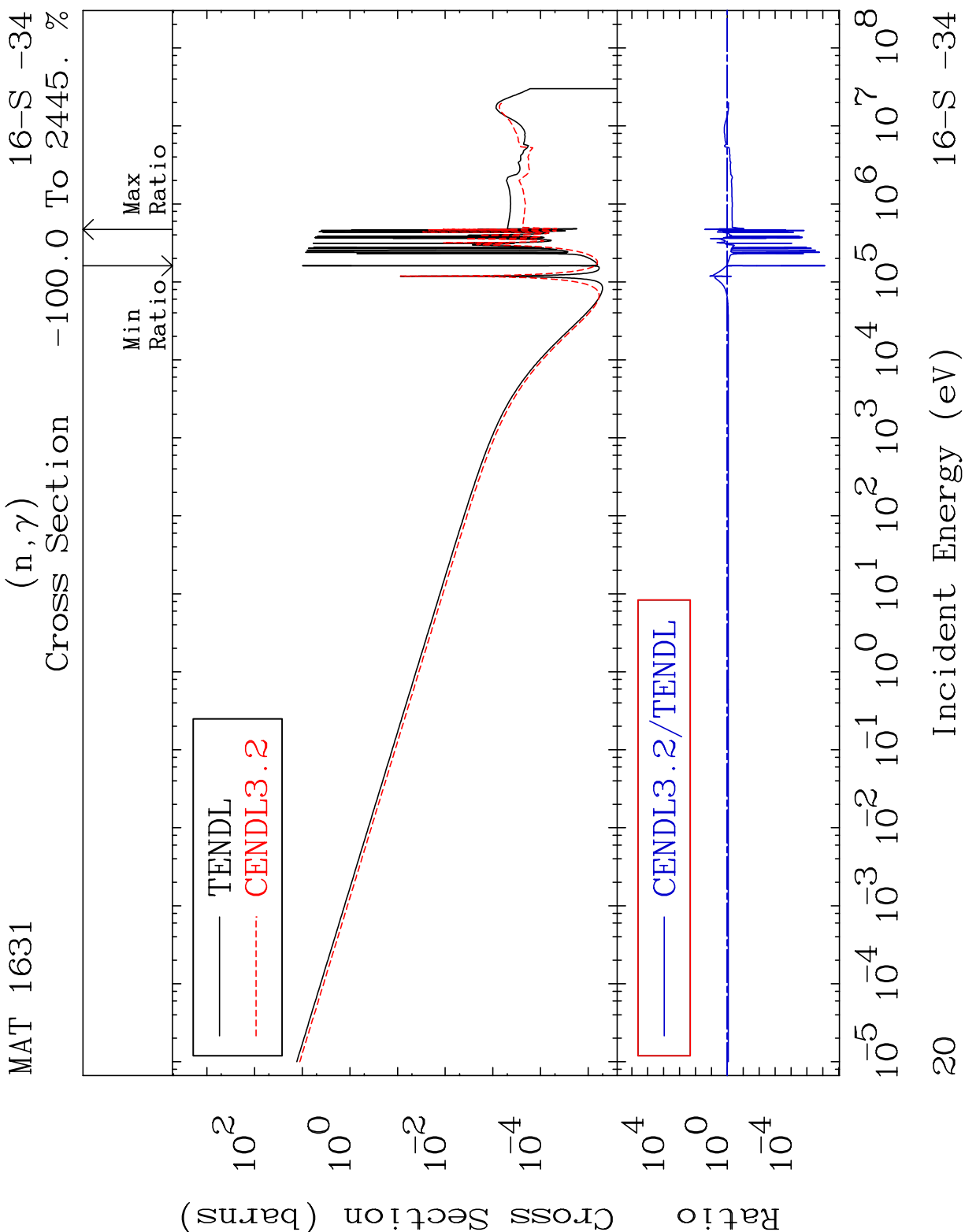


18 Incident Energy (eV) 16-S -34

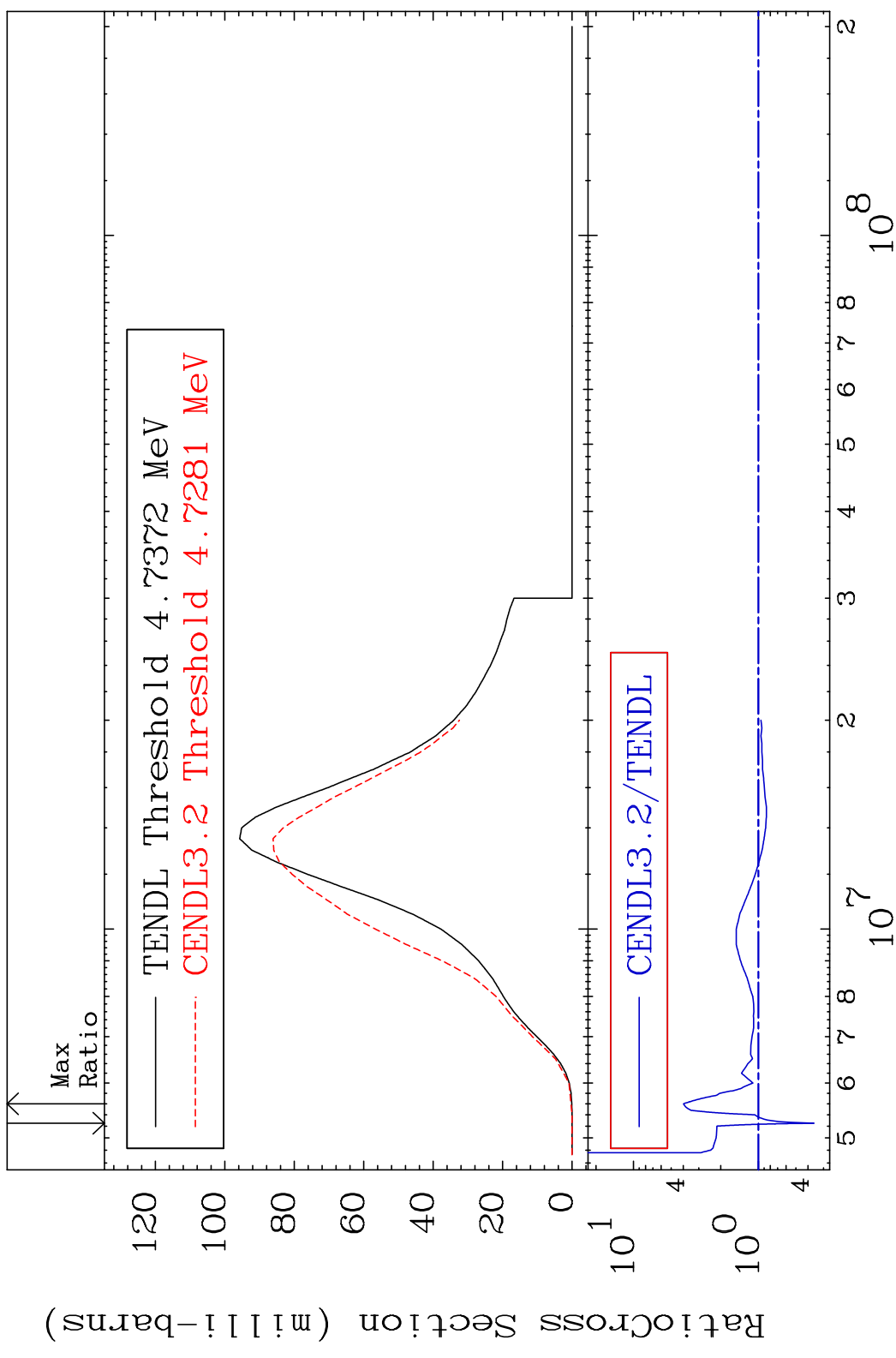
MAT 1631 (n,n') Continuum 16-S -34  
 Cross Section -18.09 To 2552. %

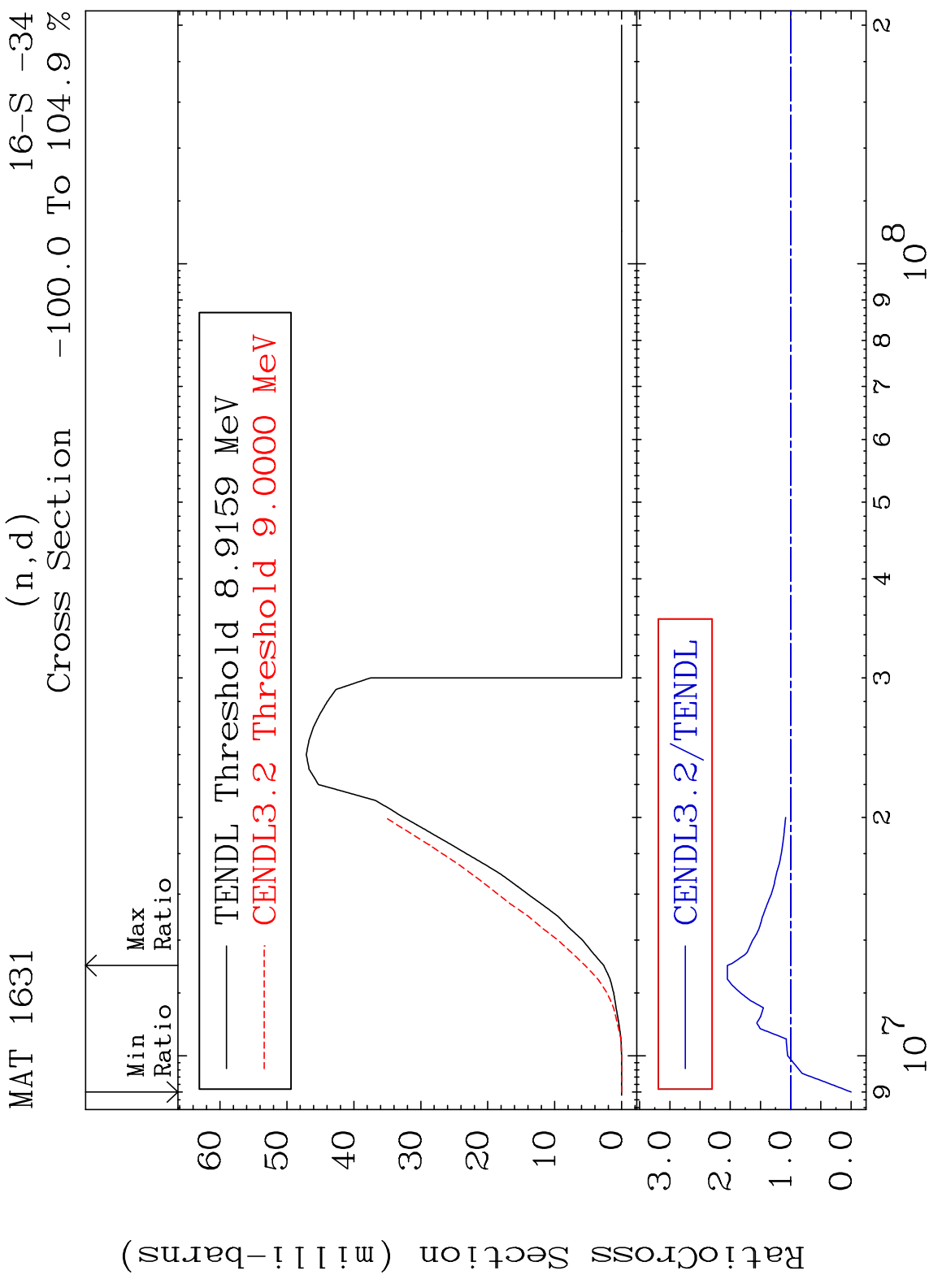


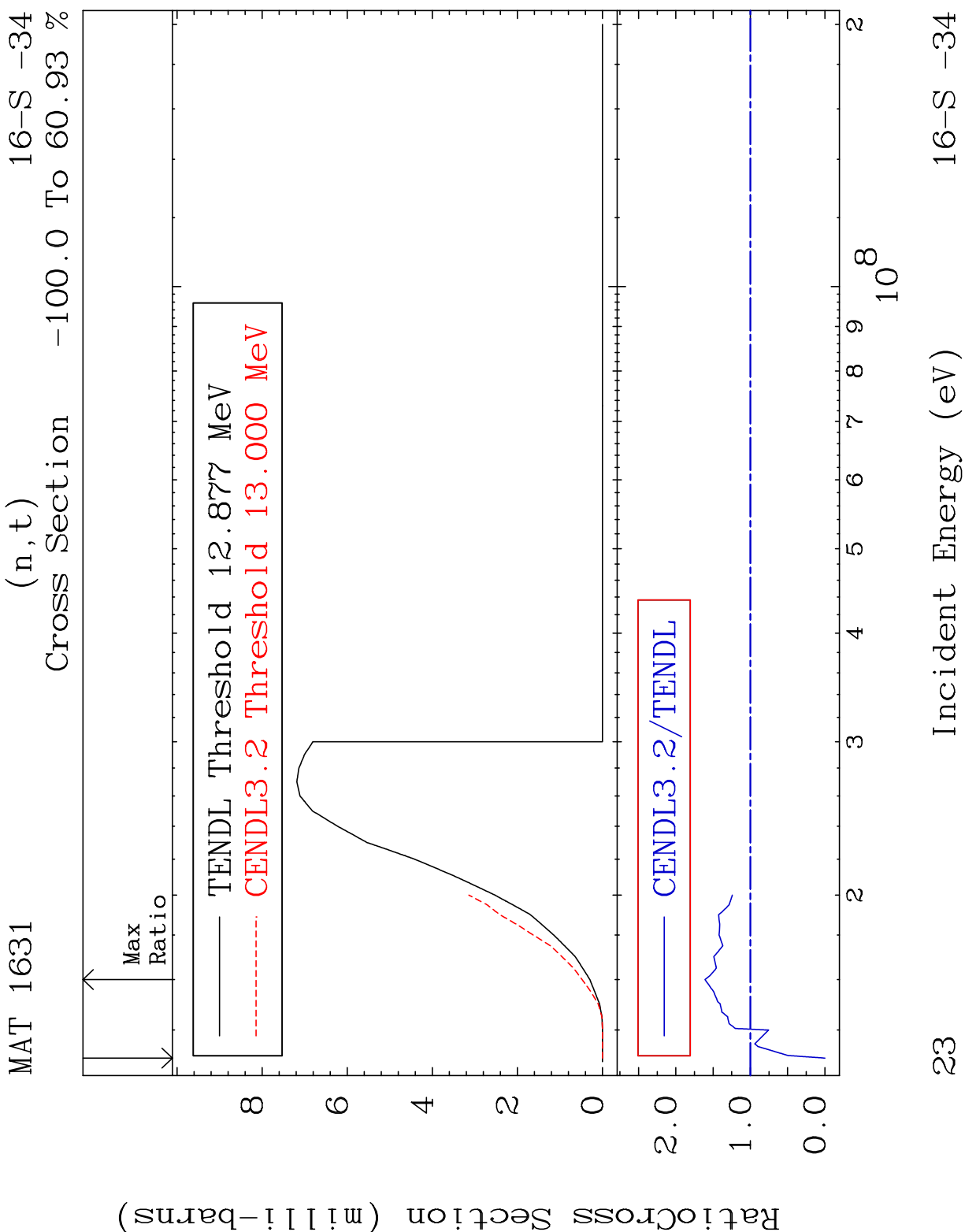
19 Incident Energy (eV) 16-S -34



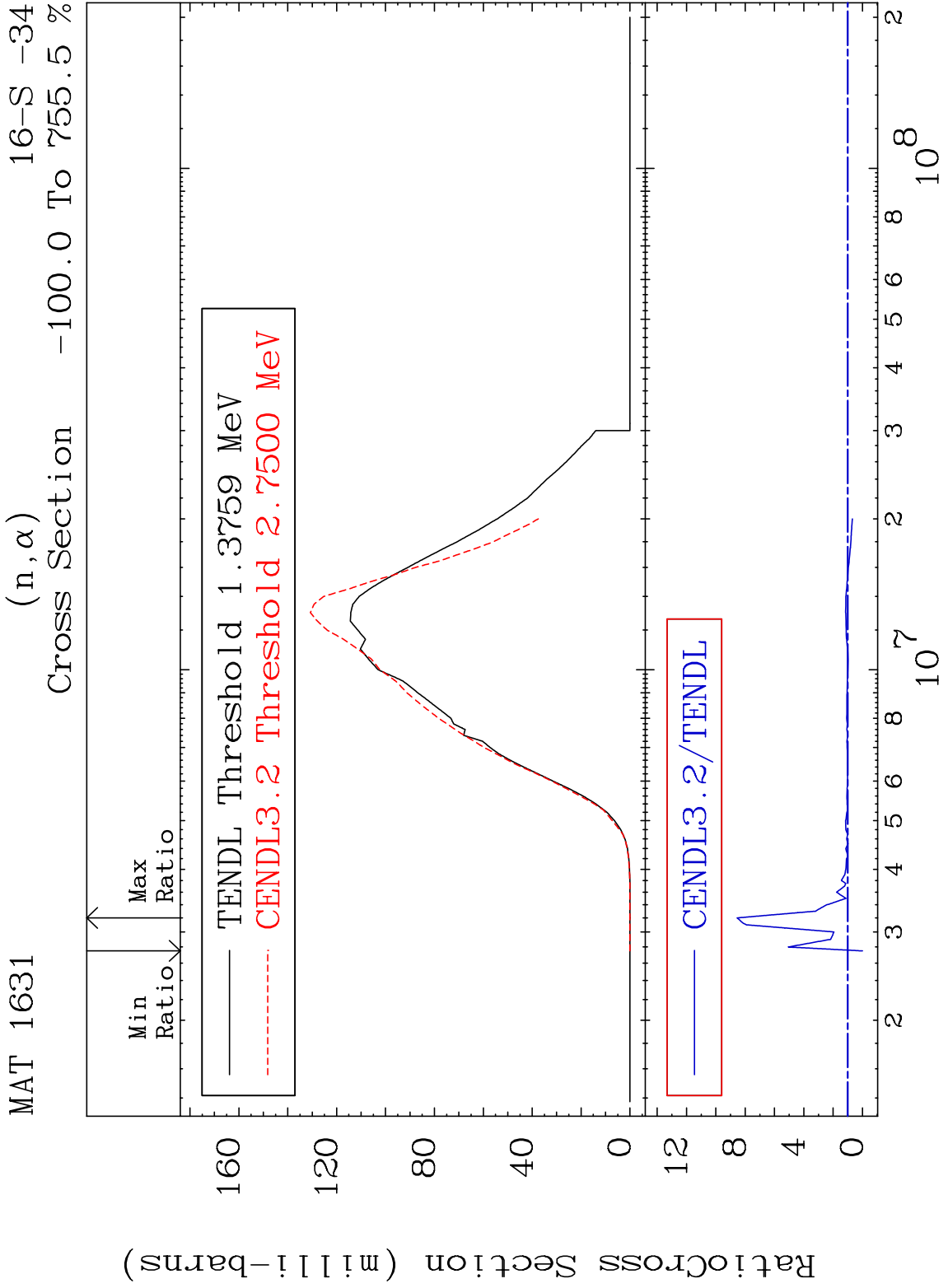
MAT 1631 (n,p) 16-S -34  
 Cross Section -64.12 To 297.9 %



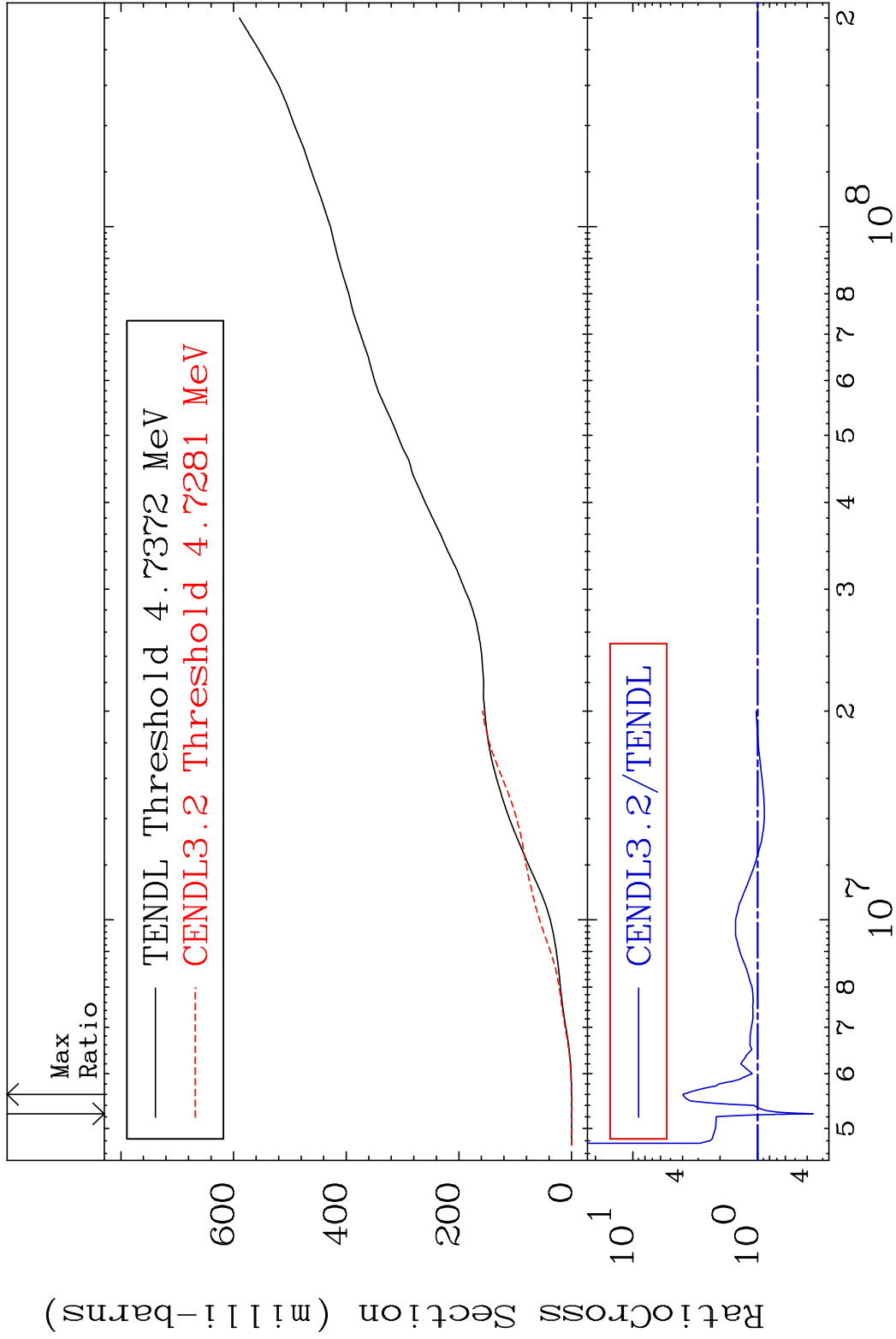






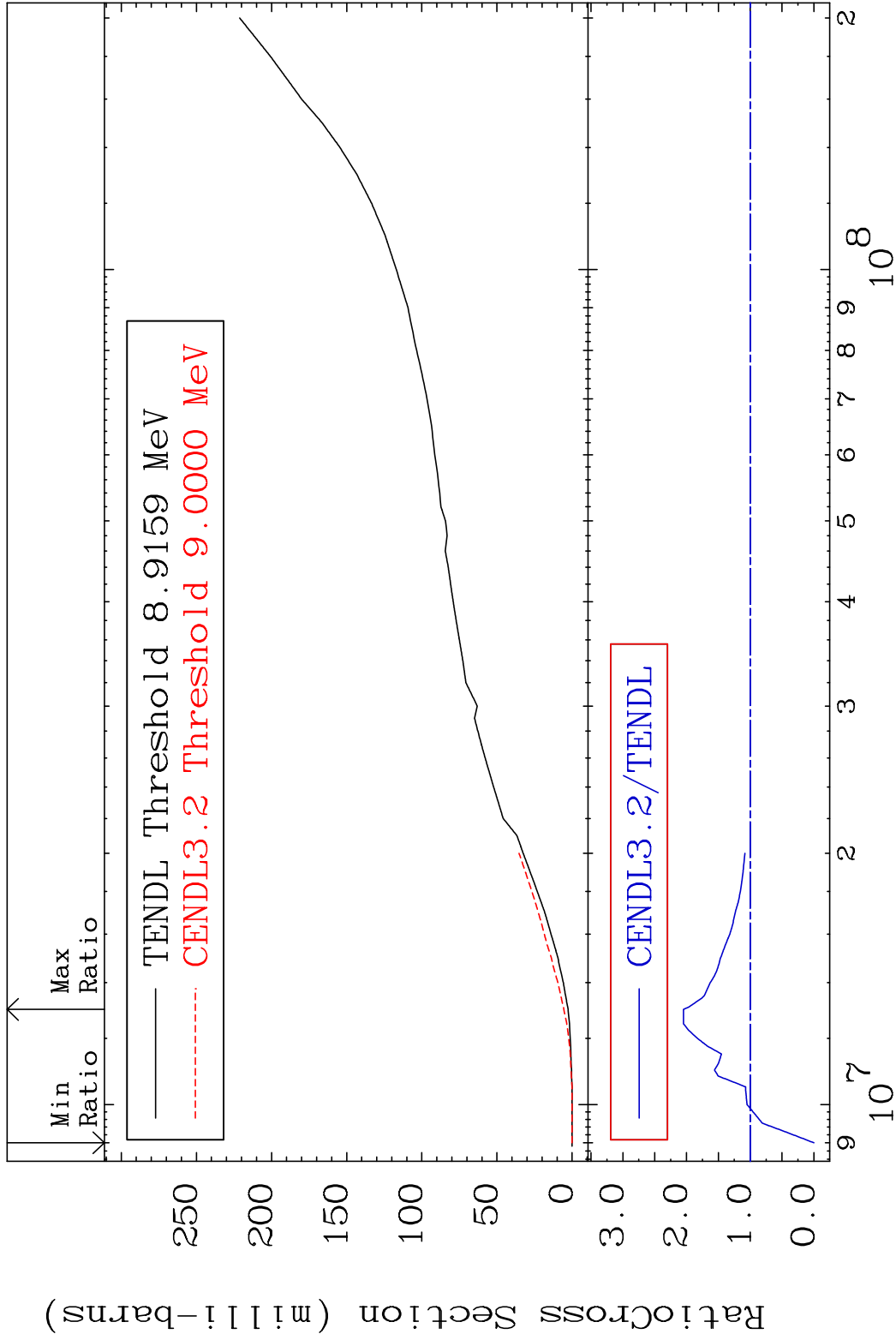


MAT 1631 Hydrogen Production 16-S -34  
 Cross Section -64.12 To 297.9 %



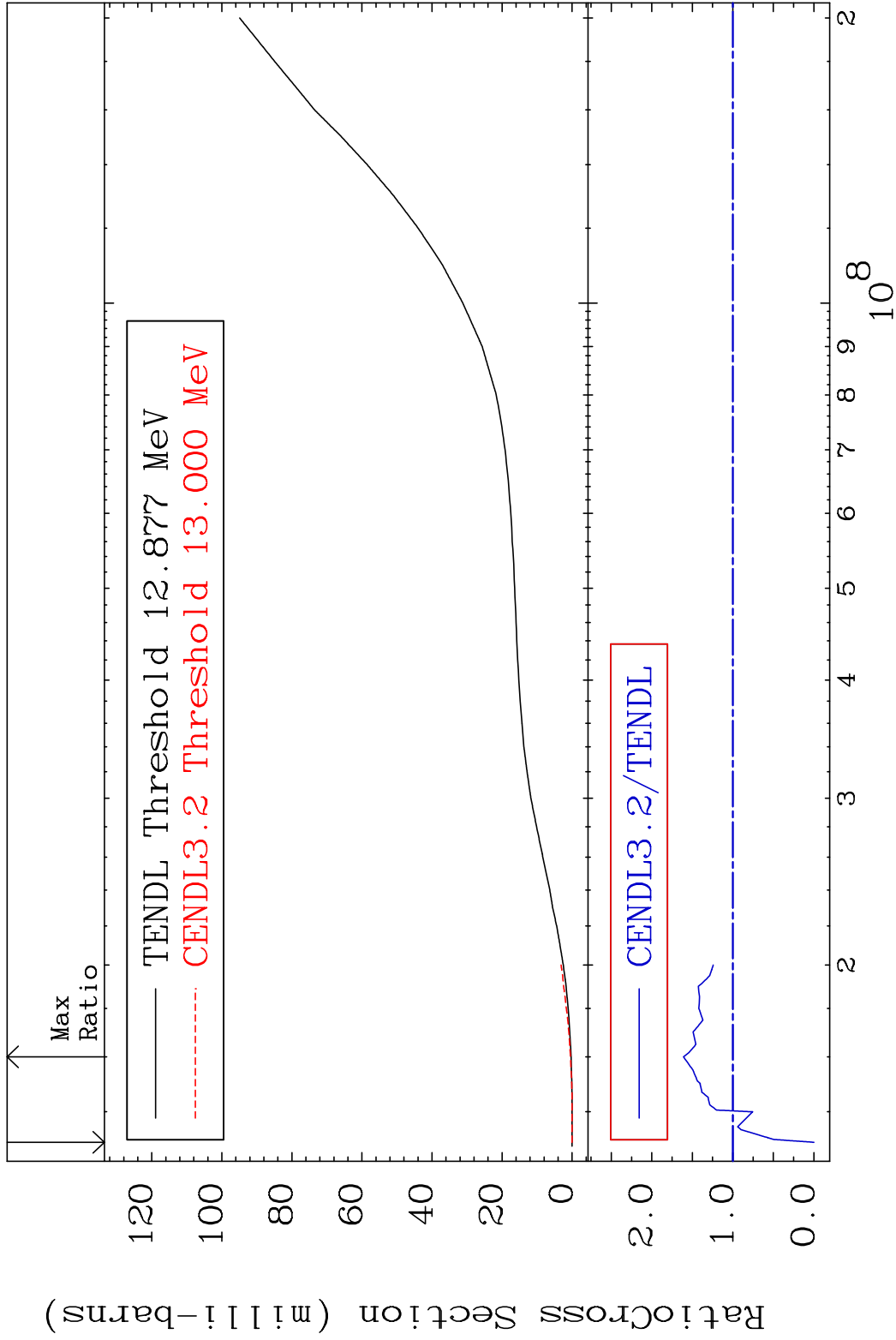
25 16-S -34

MAT 1631 Deuterium Production 16-S -34  
 Cross Section -100.0 To 104.9 %



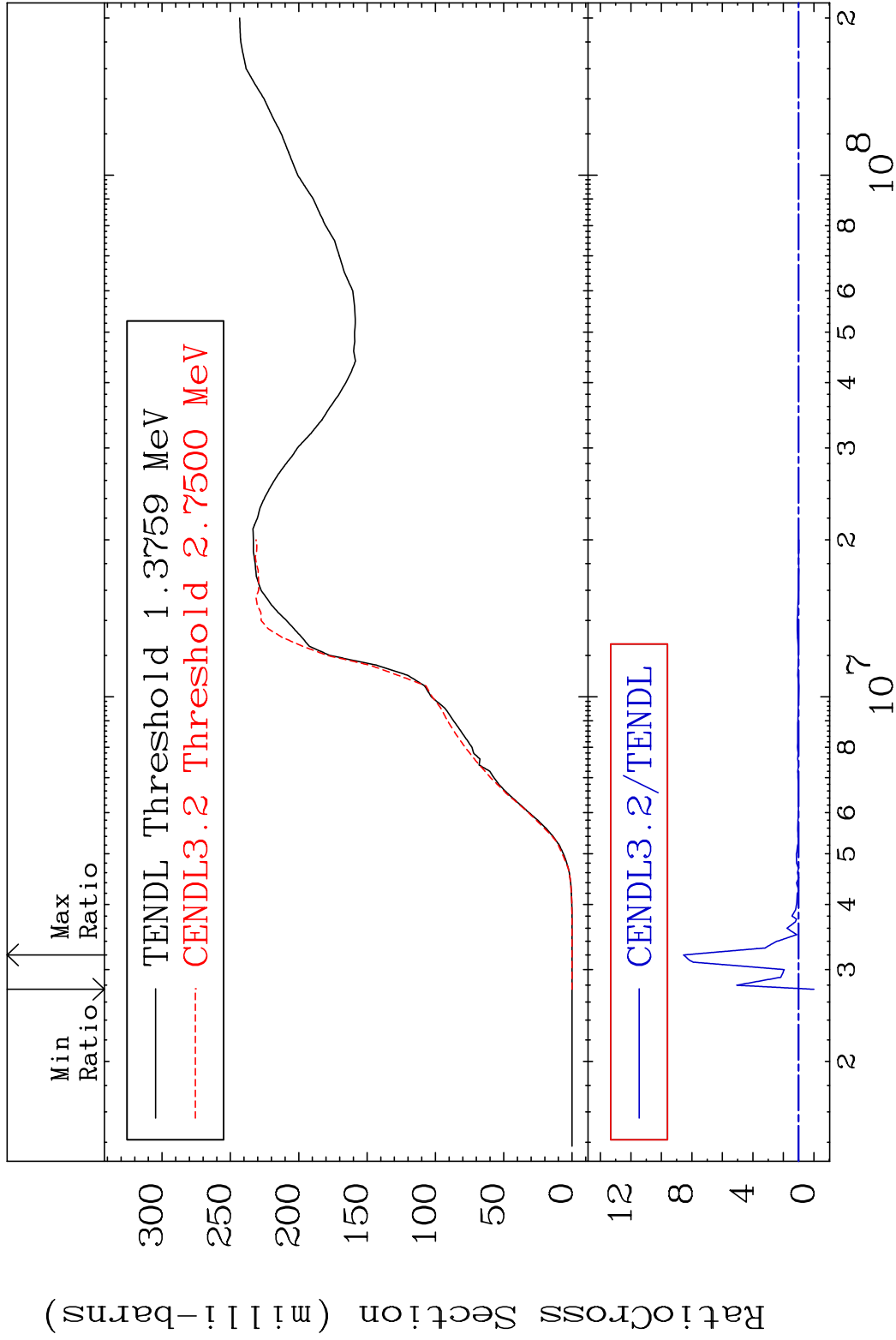
26 16-S -34

MAT 1631 Tritium Production 16-S -34  
 Cross Section -100.0 To 60.93 %

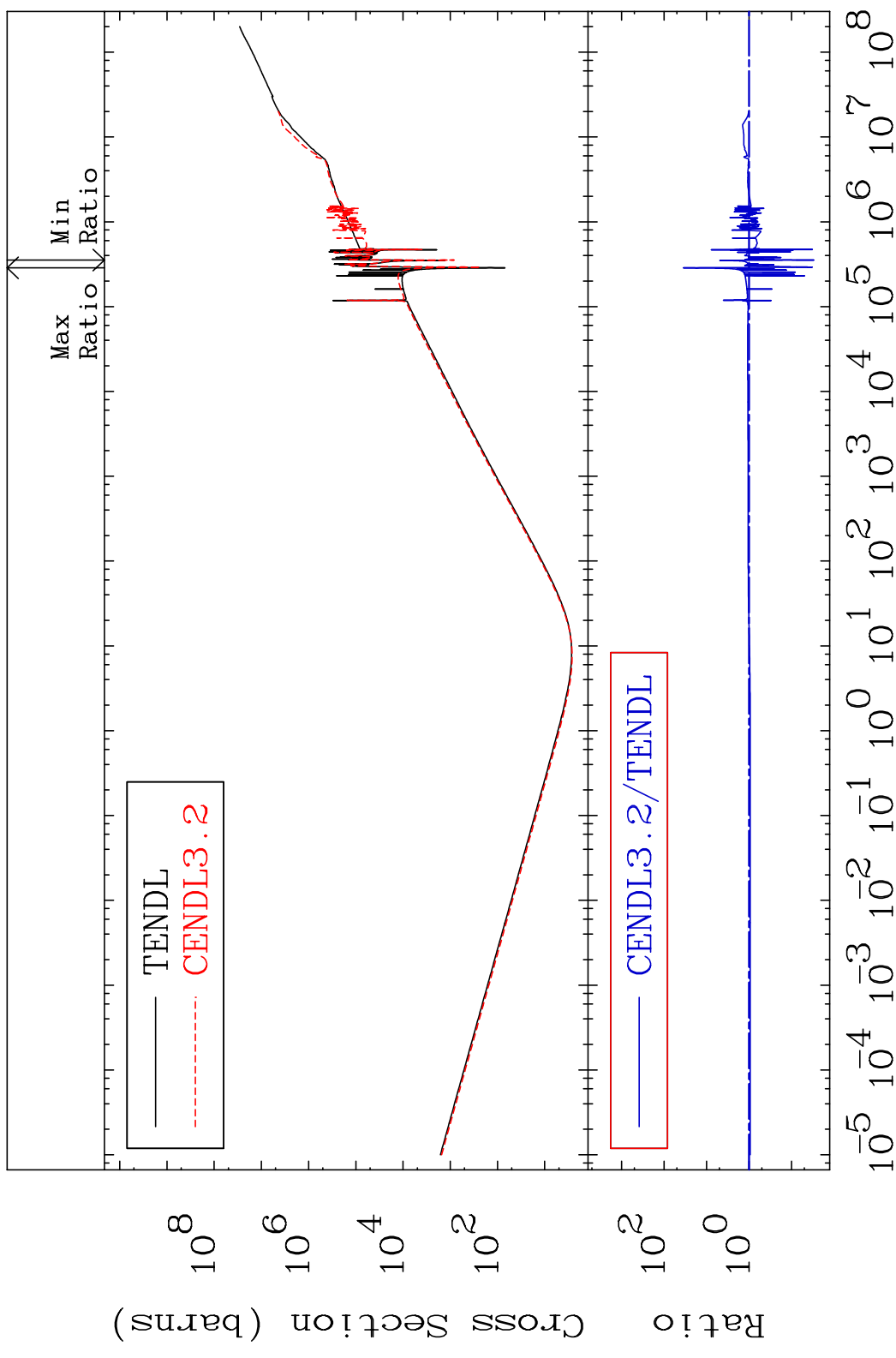


27 Incident Energy (eV) 16-S -34

MAT 1631 He-4 Production 16-S -34  
 Cross Section -100.0 To 755.5 %

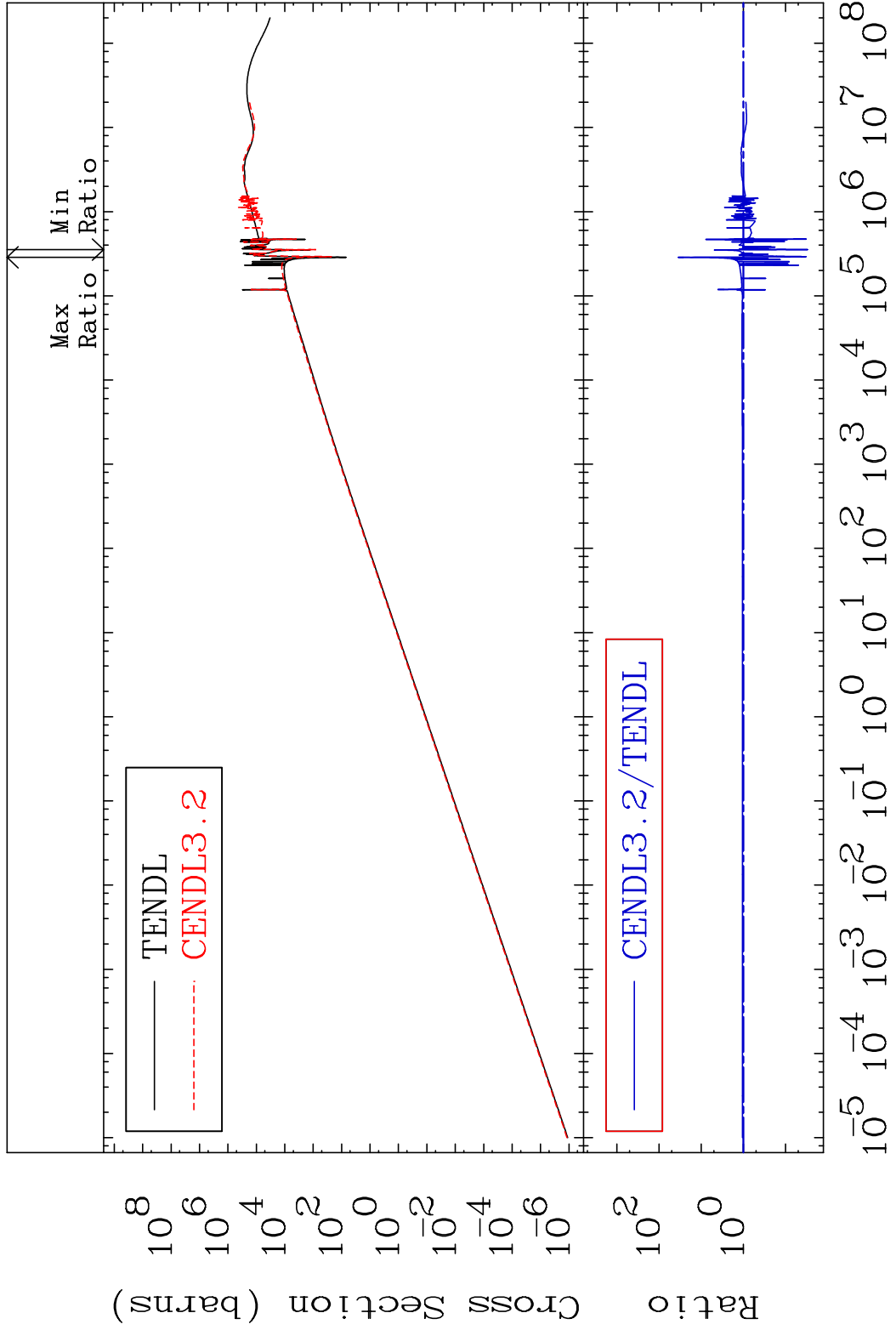


MAT 1631 Kerma total (eV-barns) 16-S -34  
 Cross Section -97.00 To 3414. %



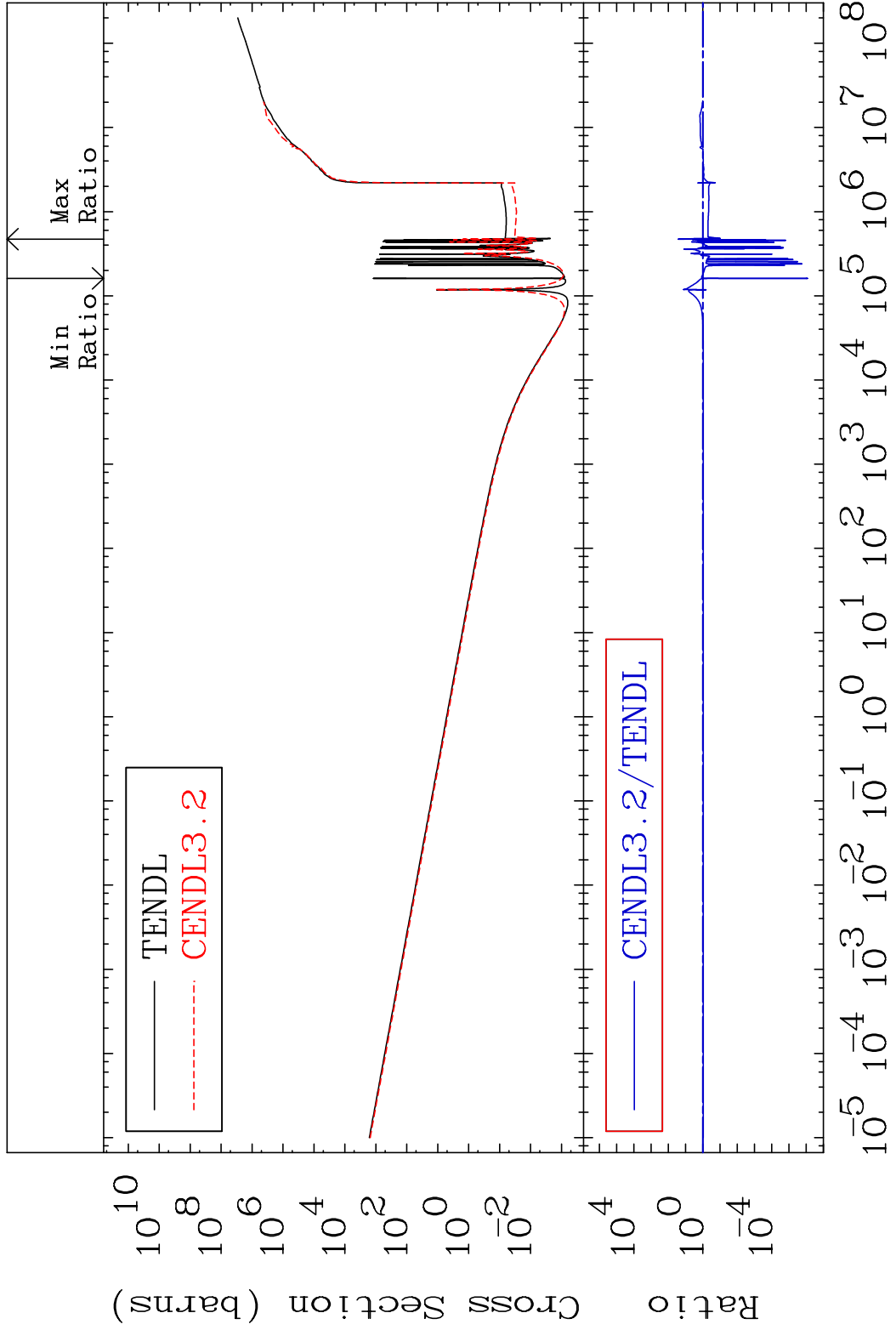
29 Incident Energy (eV) 16-S -34

MAT 1631      Kerma elastic      16-S -34  
 Cross Section      -97.00 To 3416. %



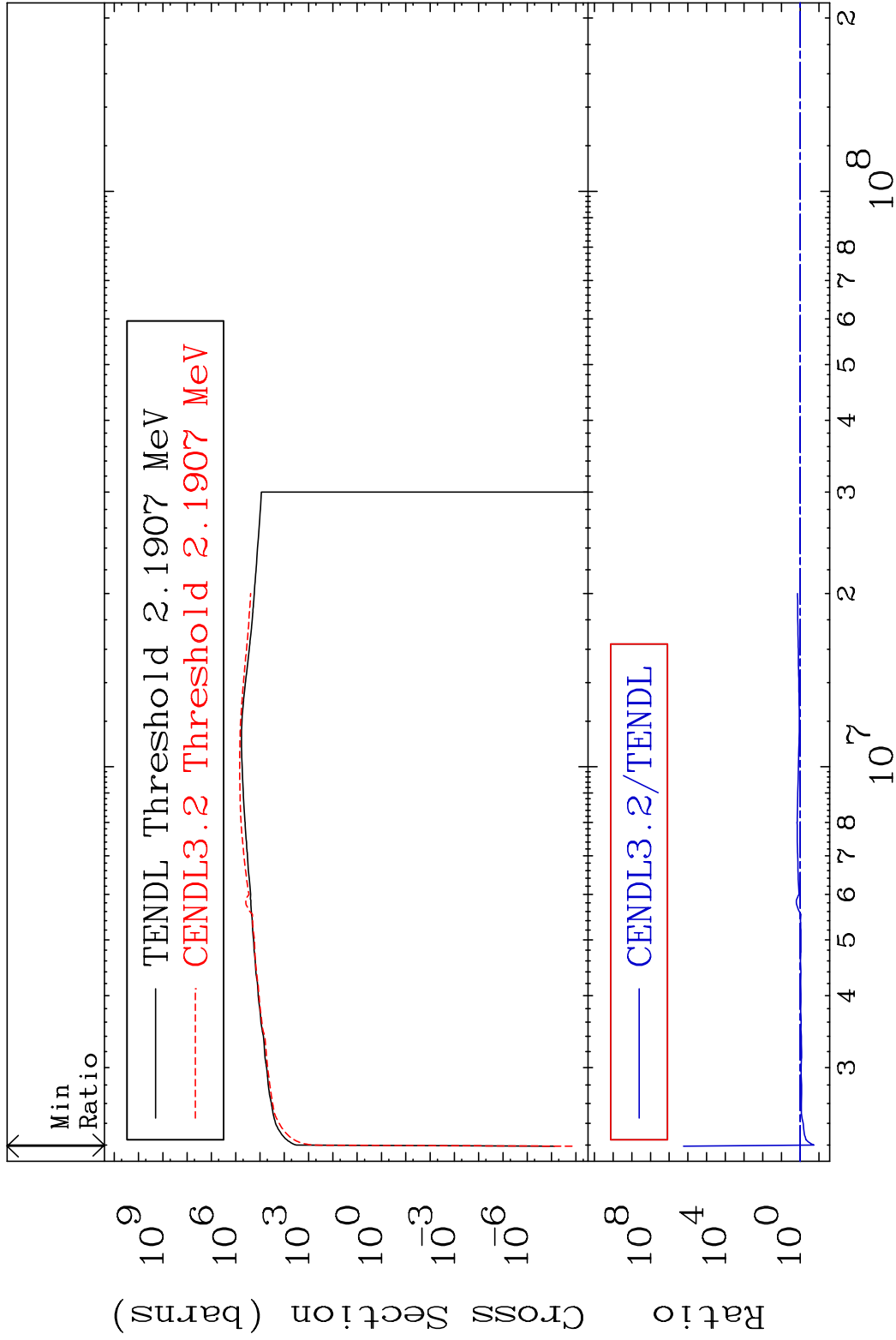
30      Incident Energy (eV)      16-S -34

MAT 1631 Kerma non-elastic (all but mt2) 16-S -34  
 Cross Section -100.0 To 2526. %



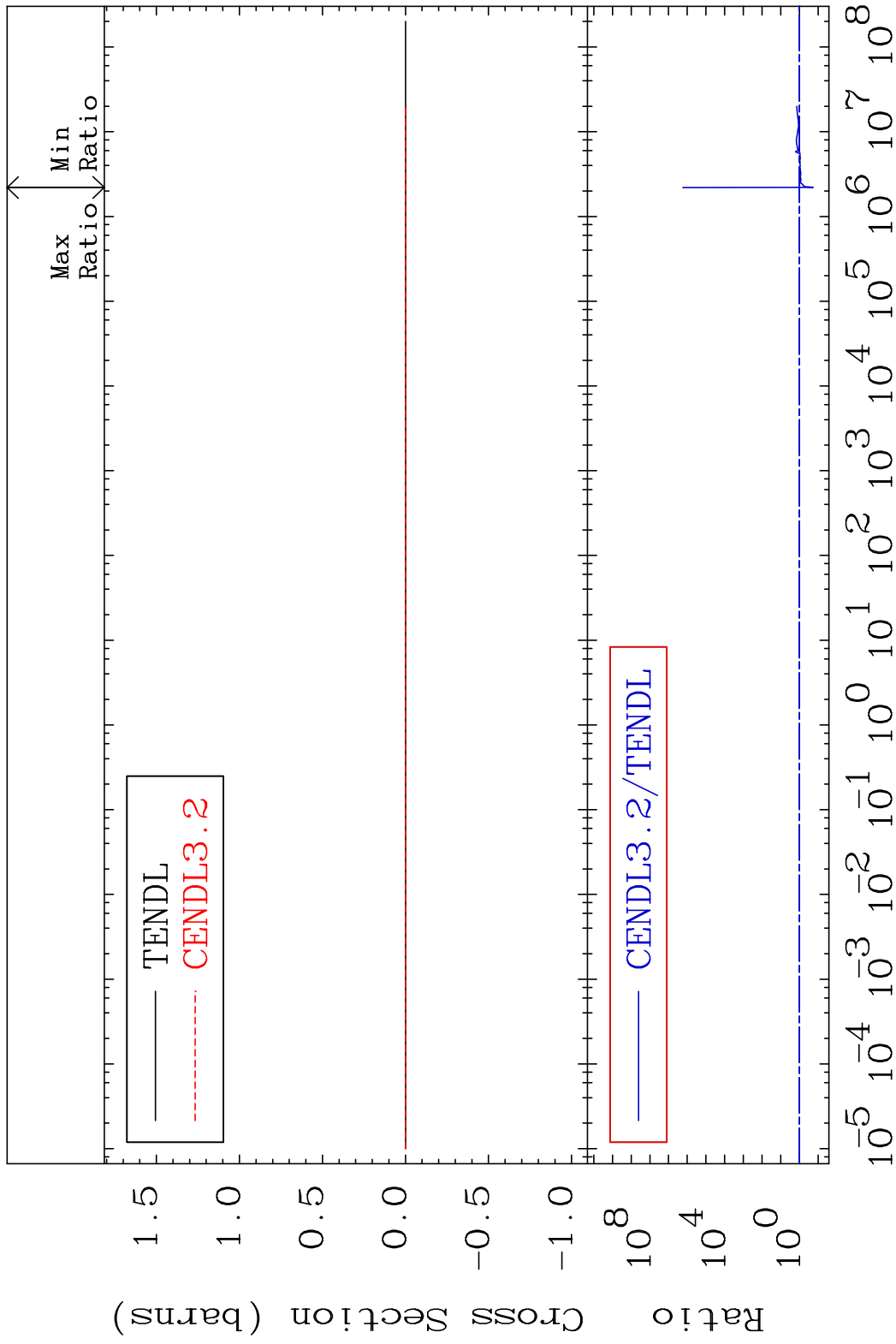


MAT 1631 Kerma inelastic (mt51-91) 16-S -34  
 Cross Section -81.17 To 9999. %

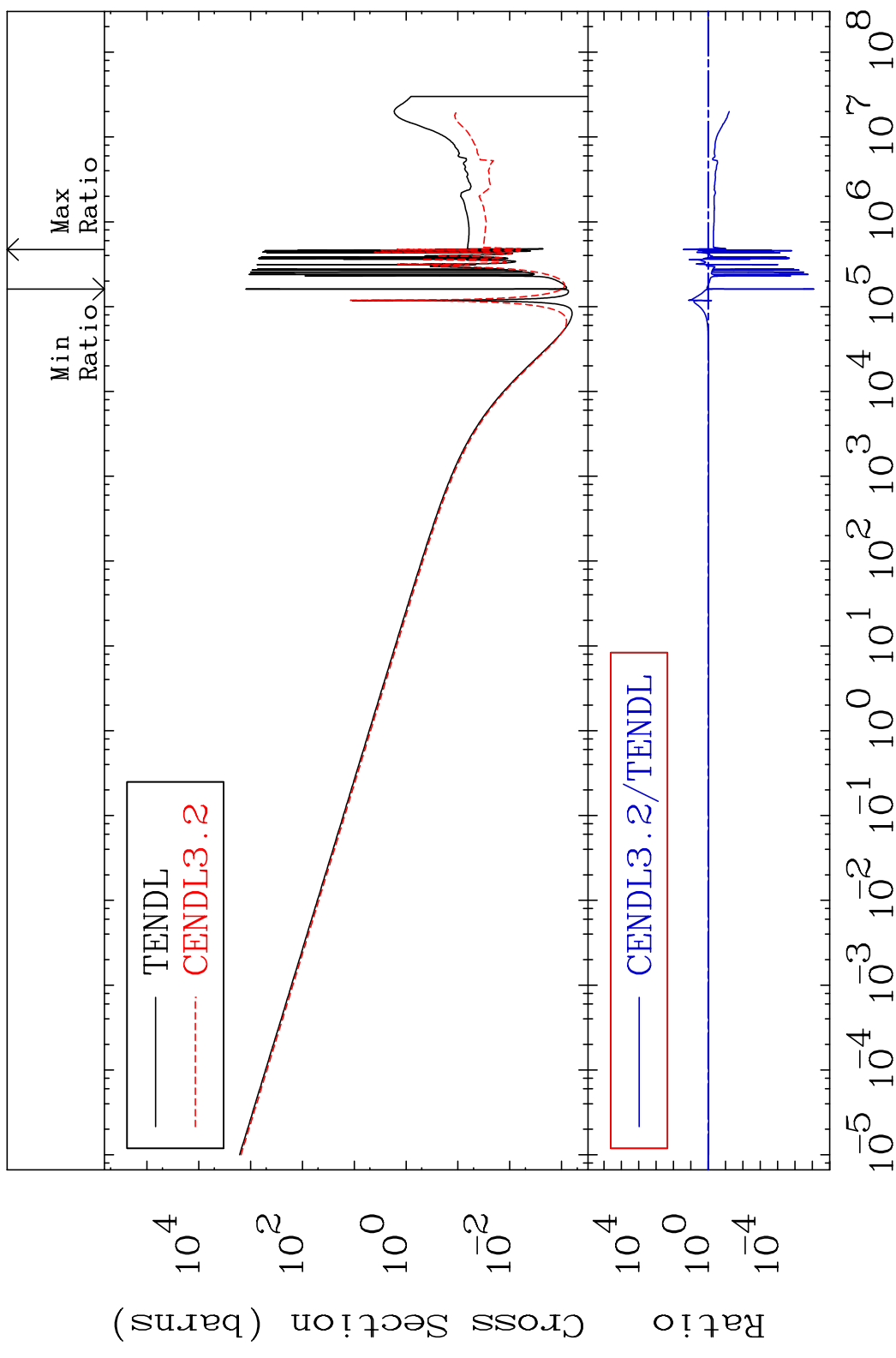


32 Incident Energy (eV) 16-S -34

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

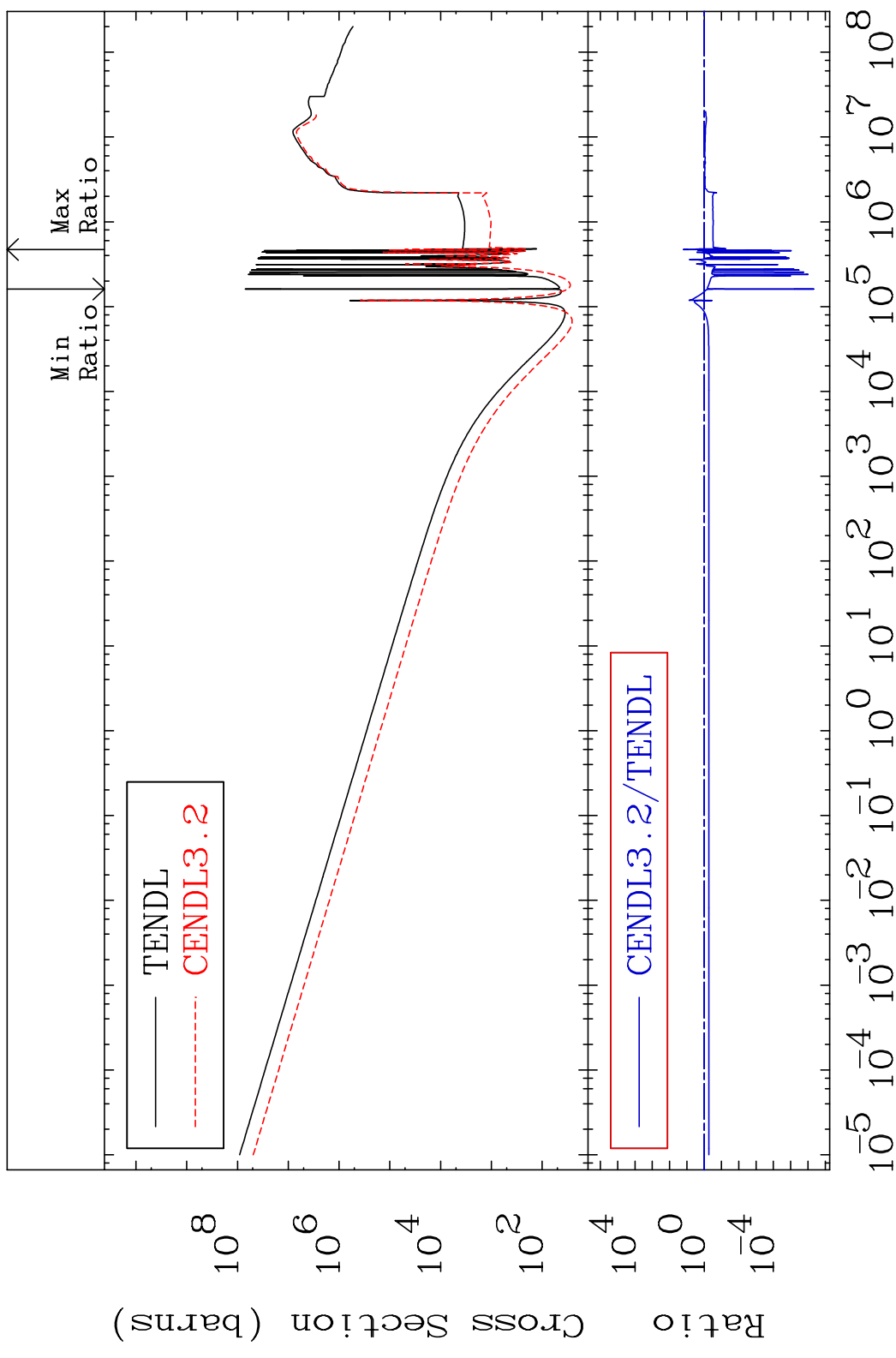


MAT 1631 Kerma capture (mt102) 16-S -34  
 Cross Section -100.0 To 2526. %



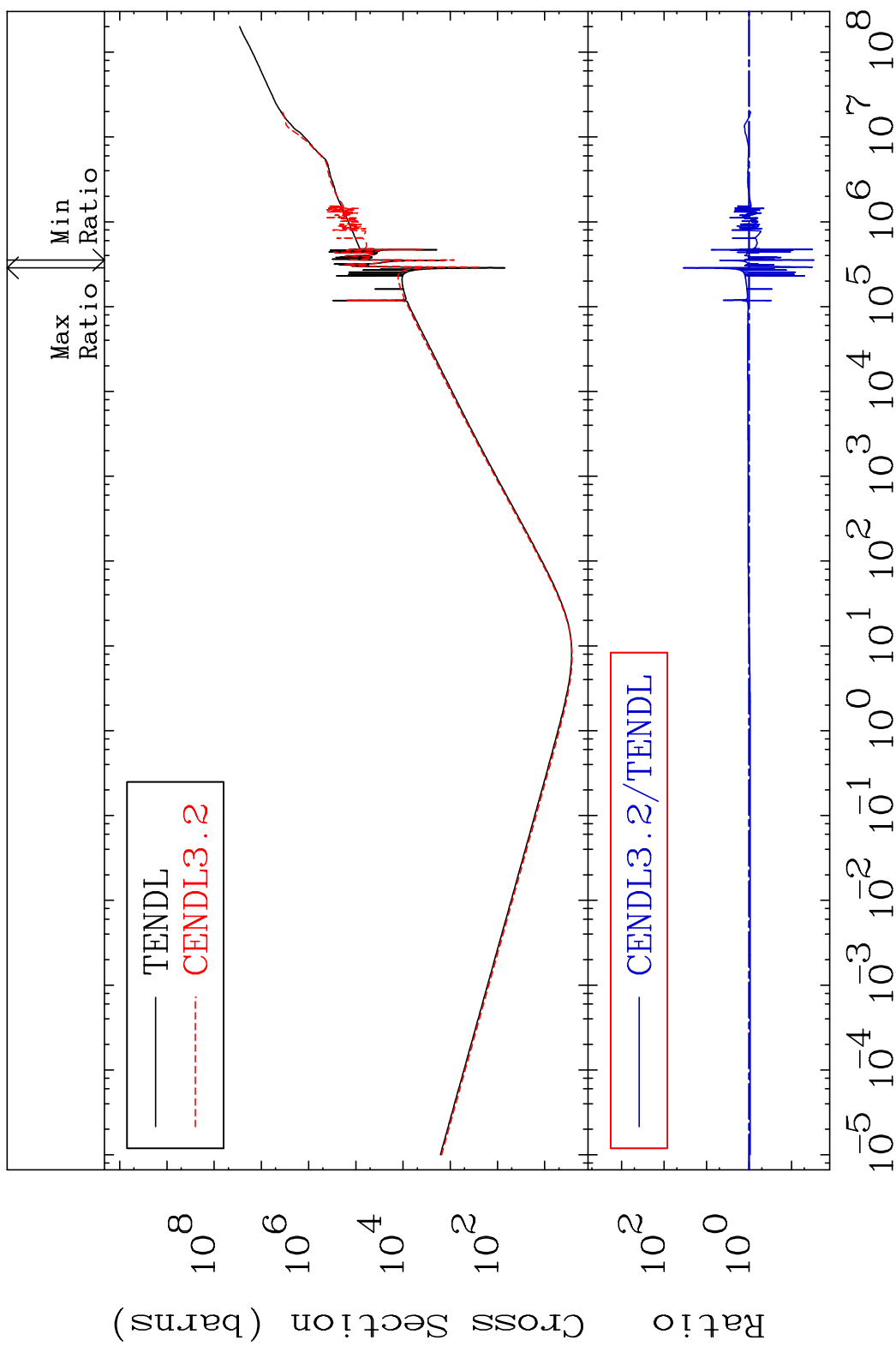
34 Incident Energy (eV) 16-S -34

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

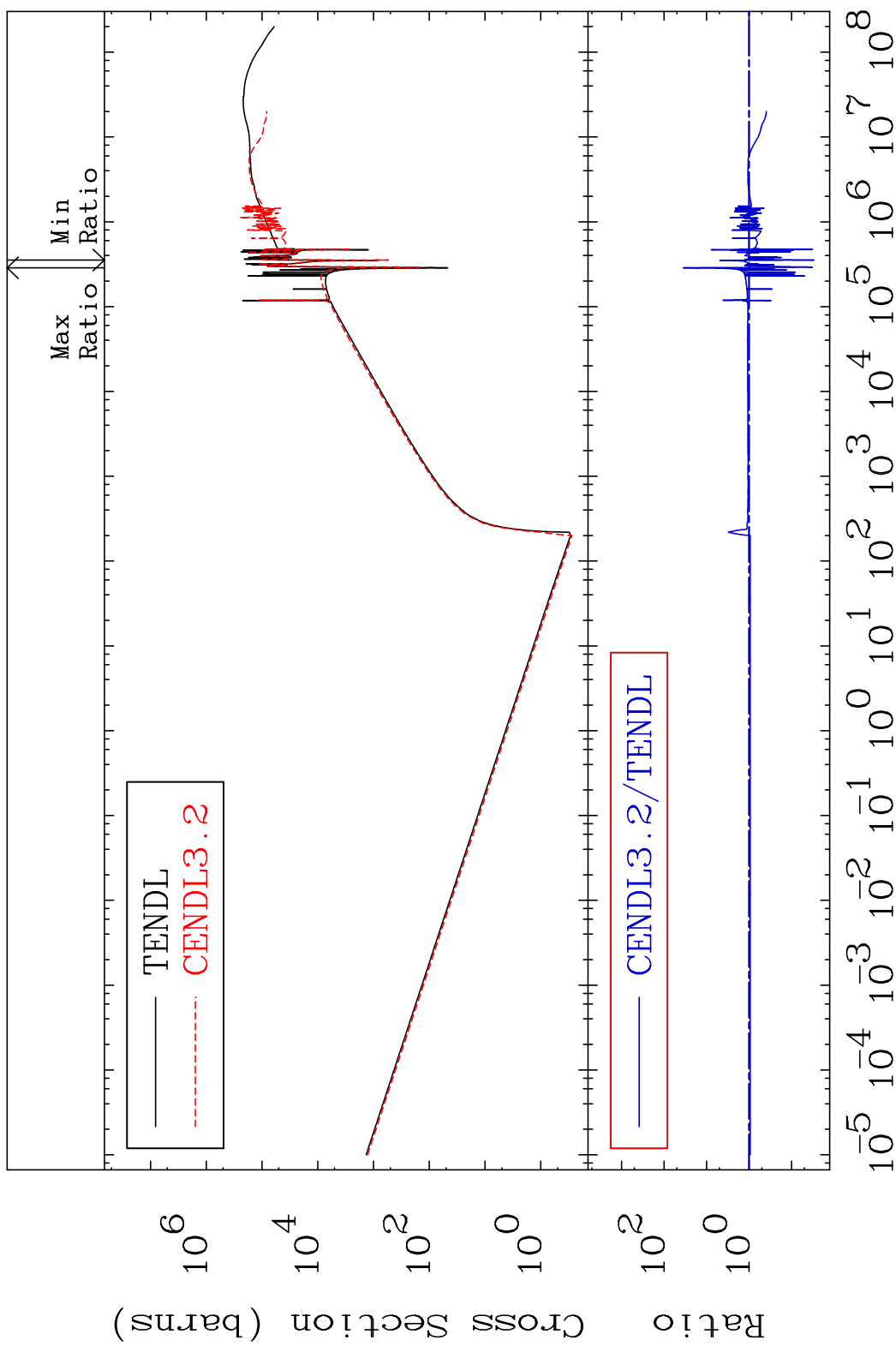


35 Incident Energy (eV) 16-S -34

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

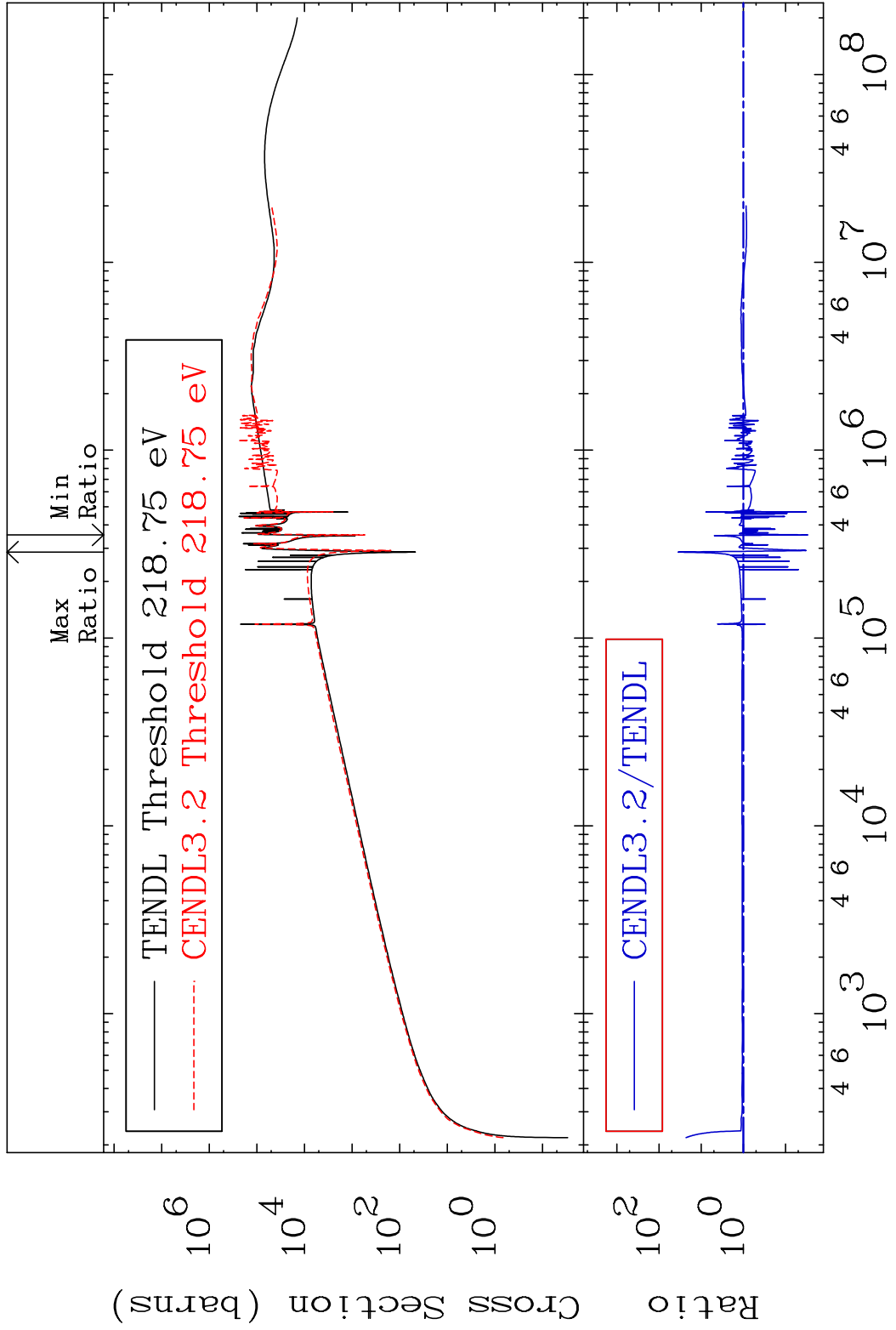


MAT 1631 Dpa total (eV-barns) 16-S -34  
 Cross Section -97.01 To 3405. %

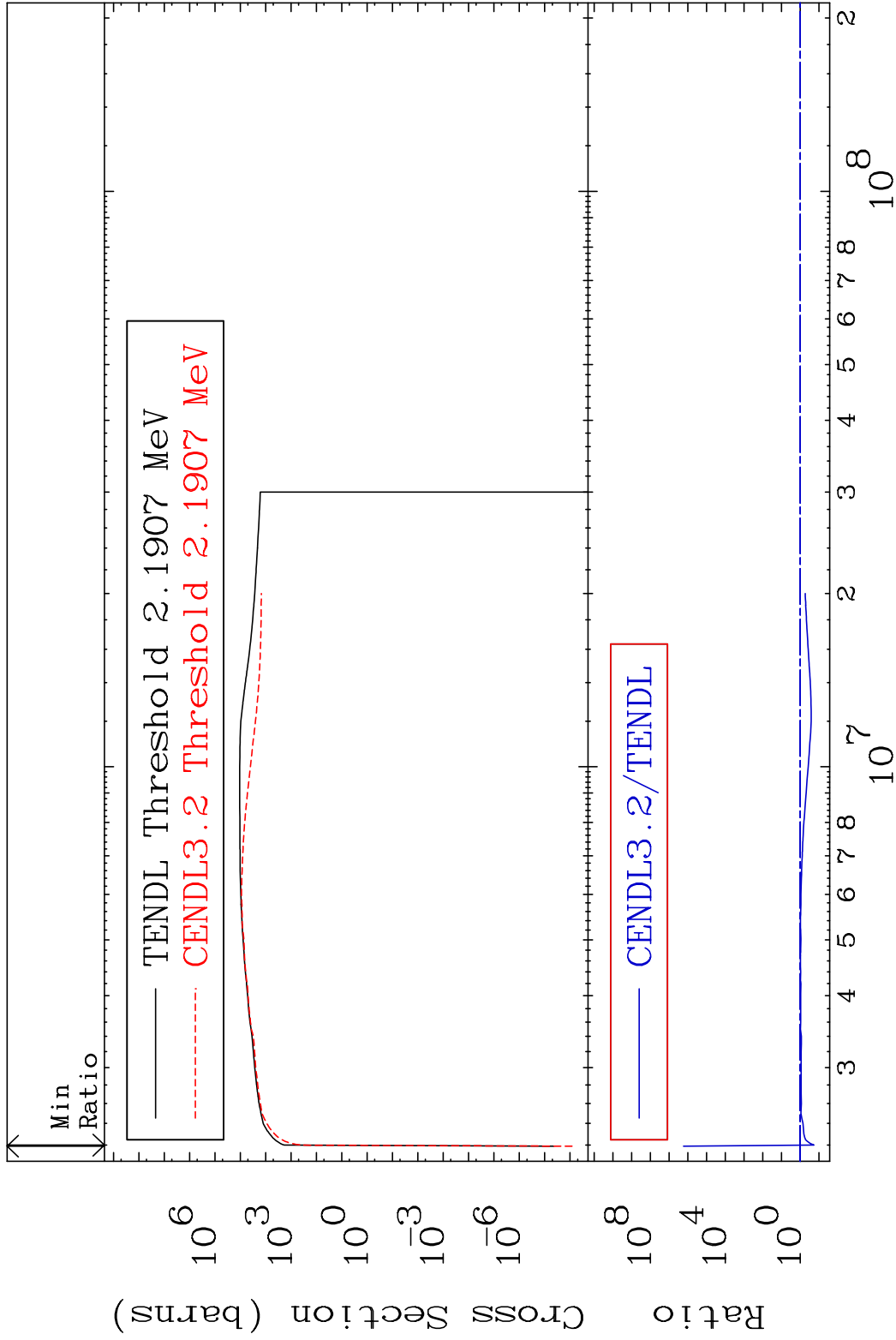


37 Incident Energy (eV) 16-S -34

MAT 1631 Dpa elastic (mt2) 16-S -34  
 Cross Section -97.01 To 3408. %



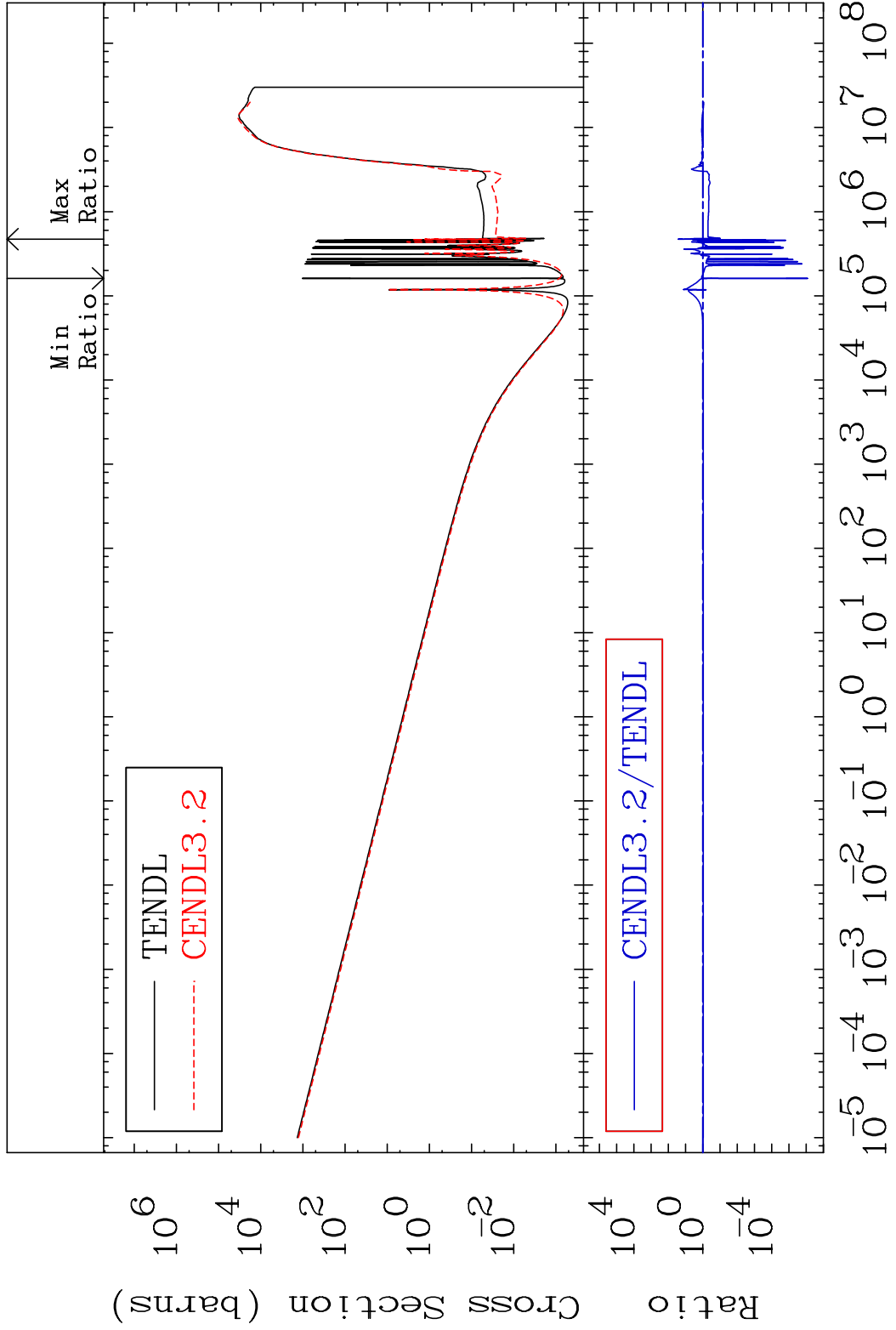
MAT 1631 Dpa inelastic (mt51-91) 16-S -34  
 Cross Section -81.17 To 9999. %



39 Incident Energy (eV) 16-S -34

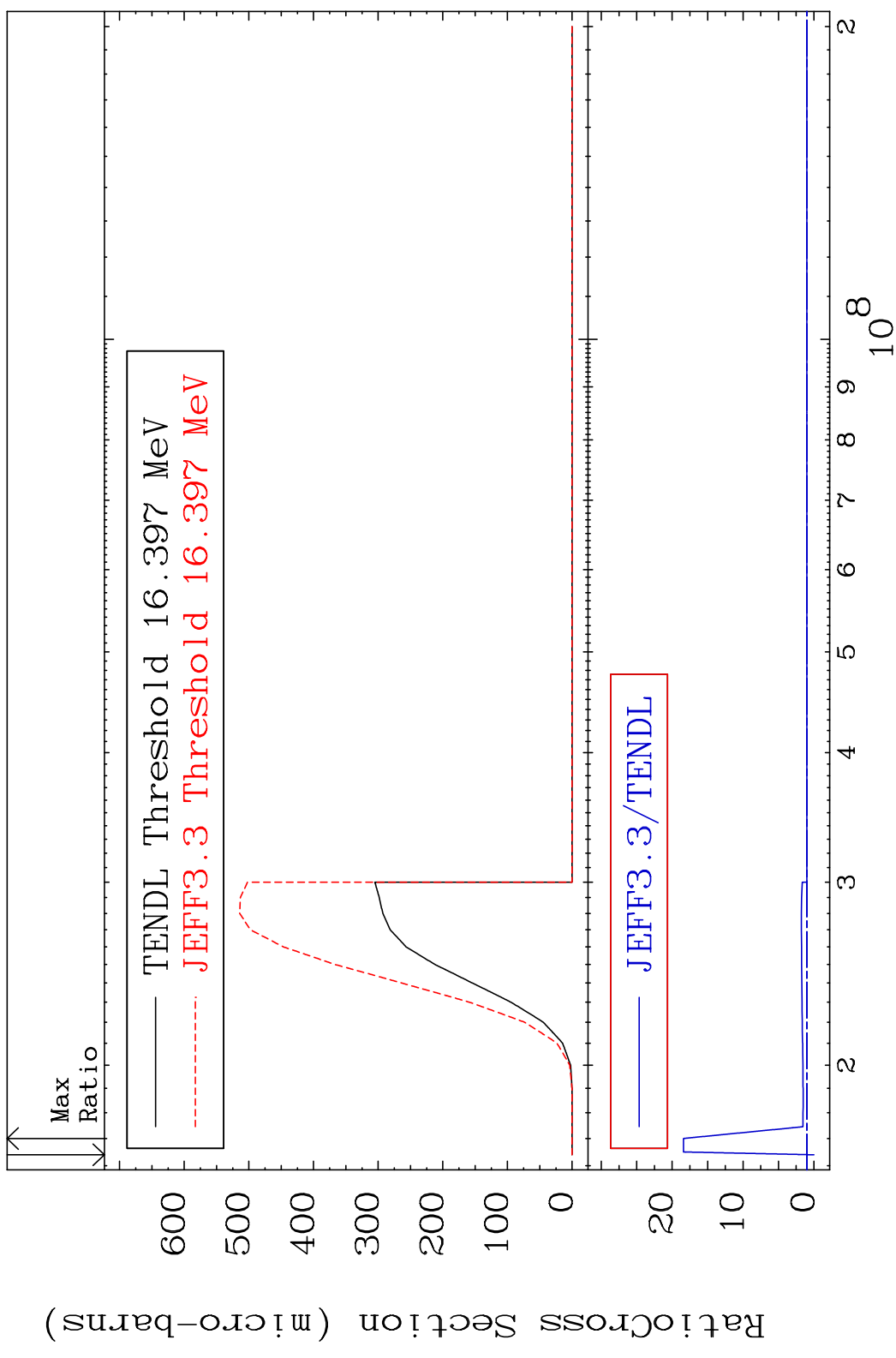


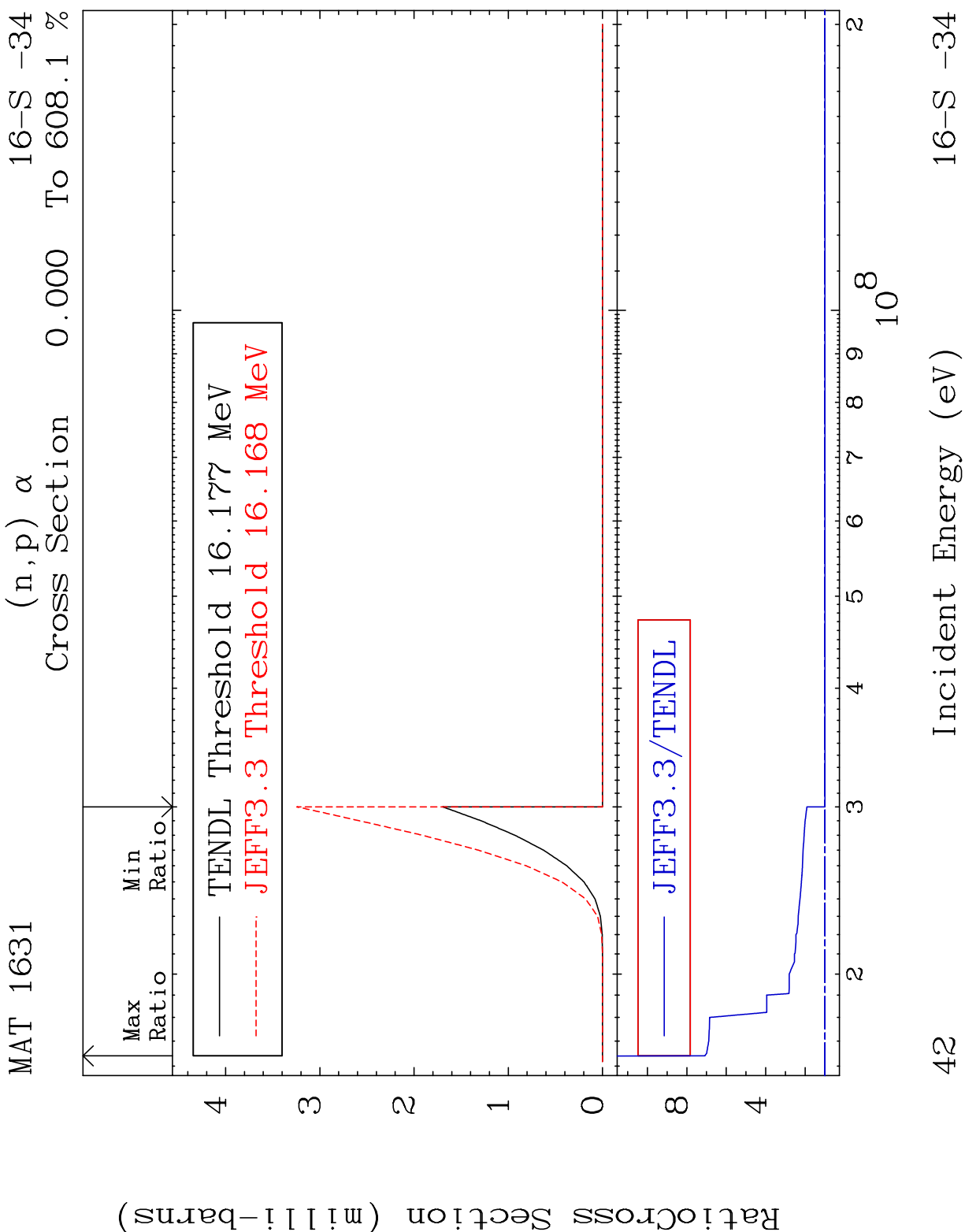
MAT 1631 Dpa disappearance (mt102 -120) 16-S -34  
 Cross Section -100.0 To 2531. %



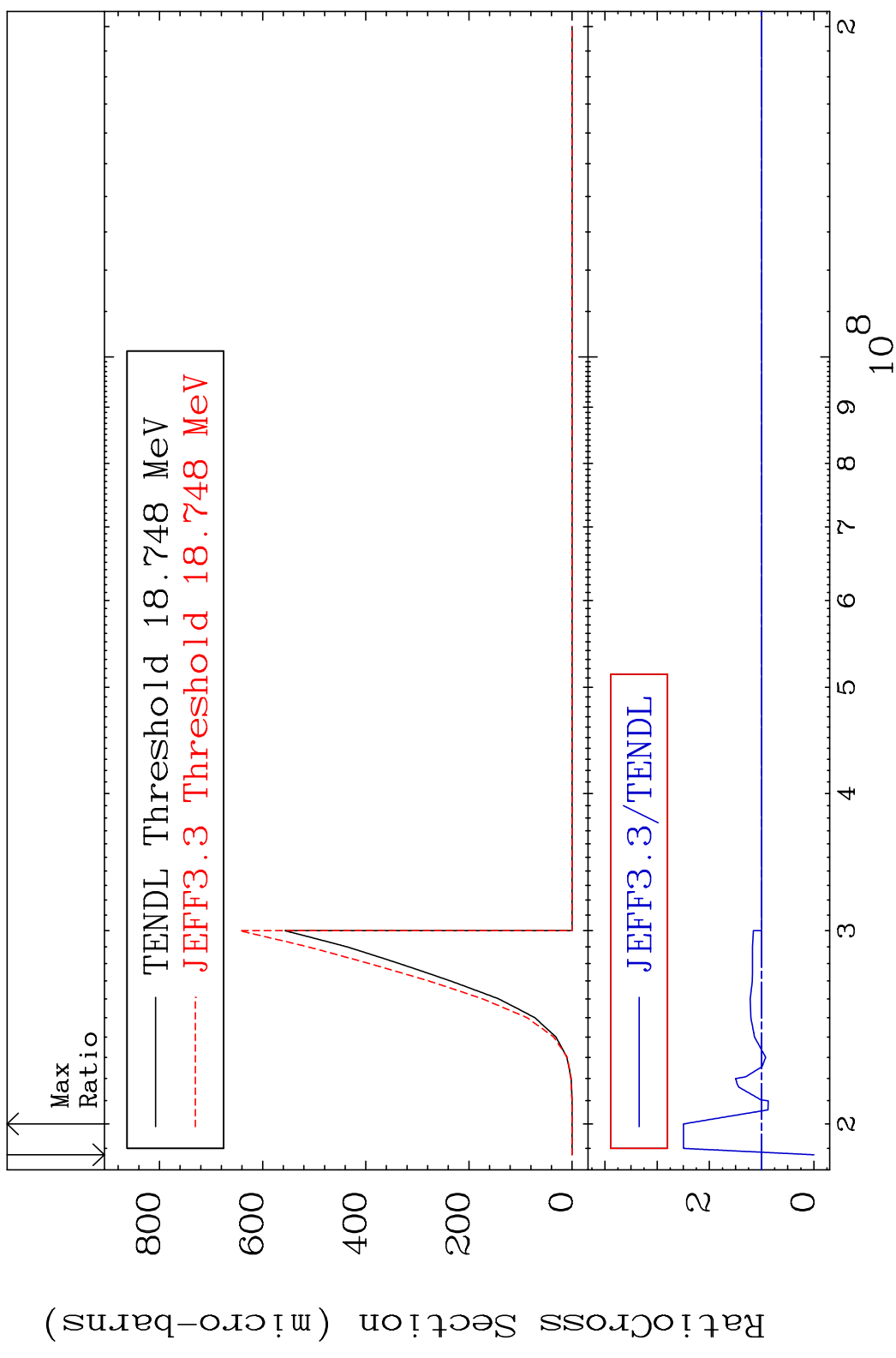
40 Incident Energy (eV) 16-S -34

MAT 1631 (n,2p) 16-S -34  
 Cross Section -100.0 To 1741. %



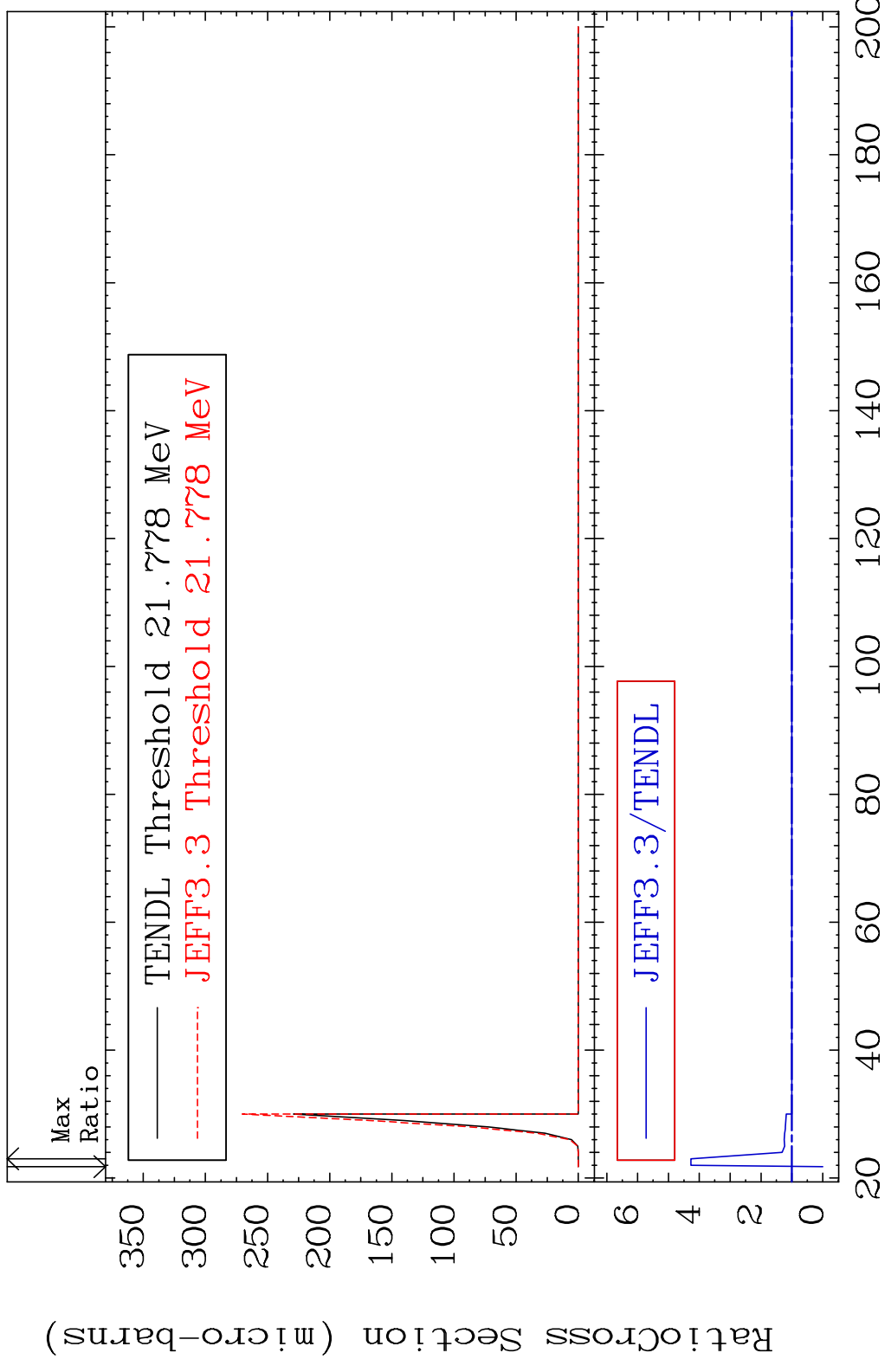


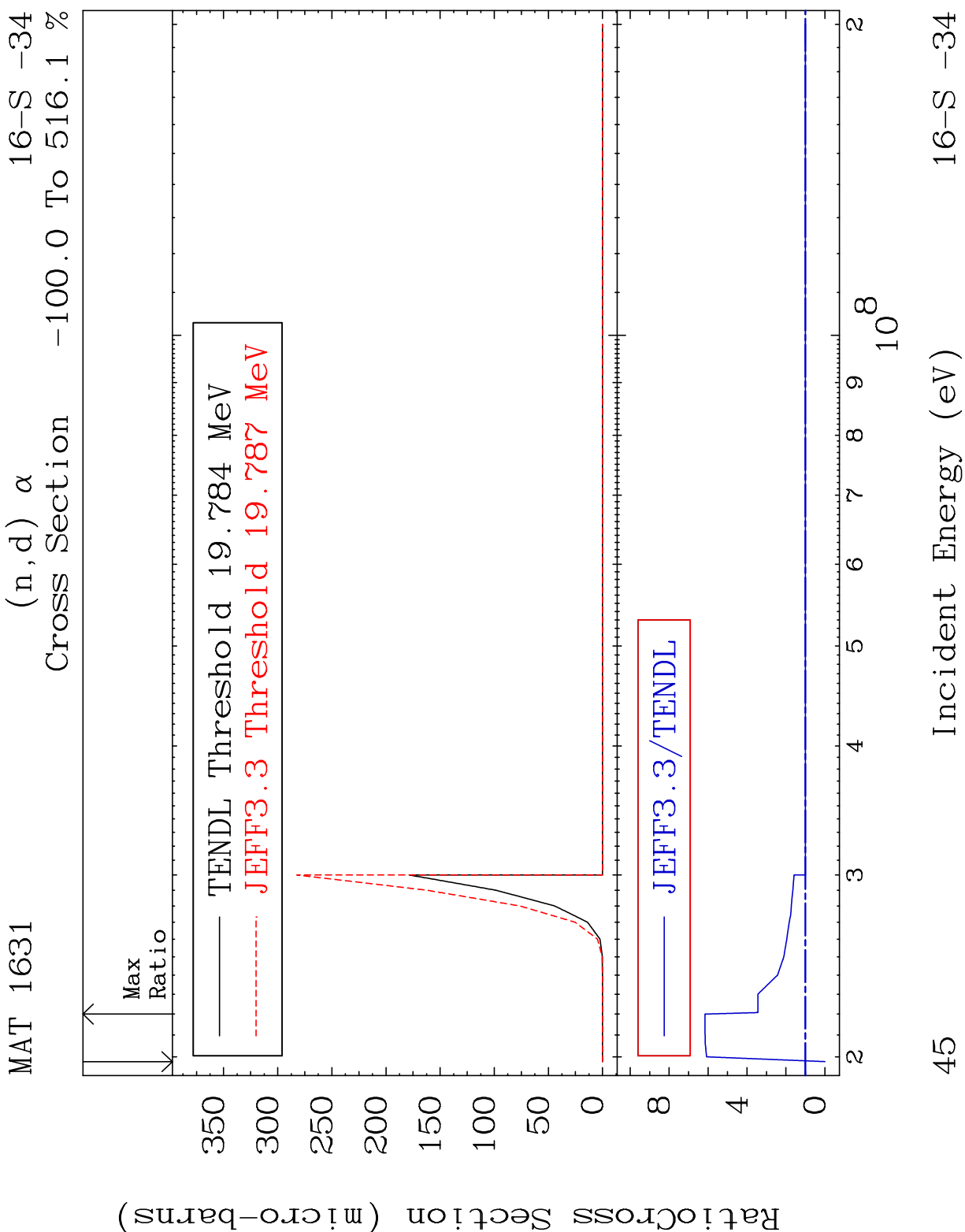
MAT 1631 (n,p) d 16-S -34  
 Cross Section -100.0 To 149.6 %



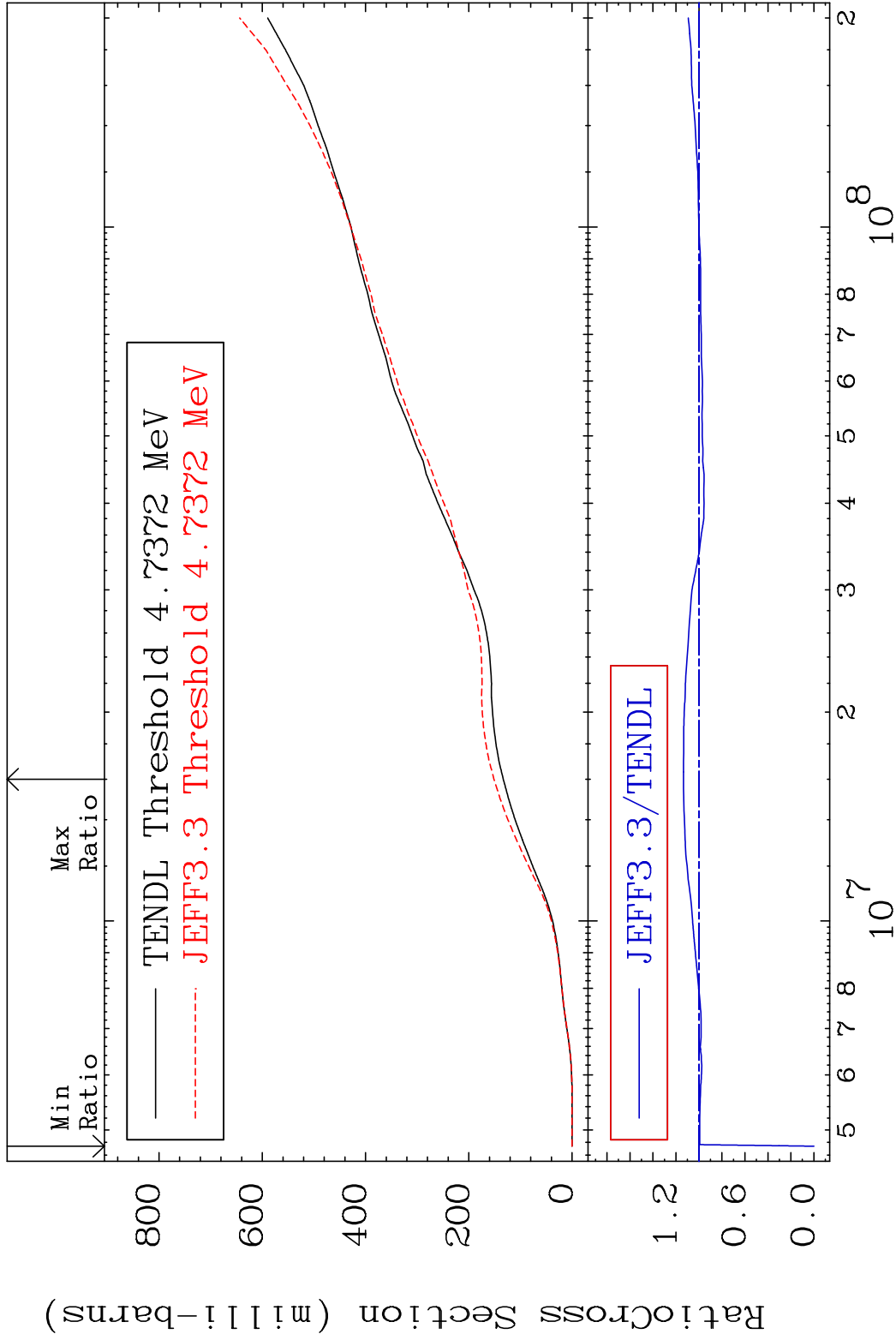
43 Incident Energy (eV) 16-S -34

MAT 1631 (n,p) t 16-S -34  
 Cross Section -100.0 To 327.4 %



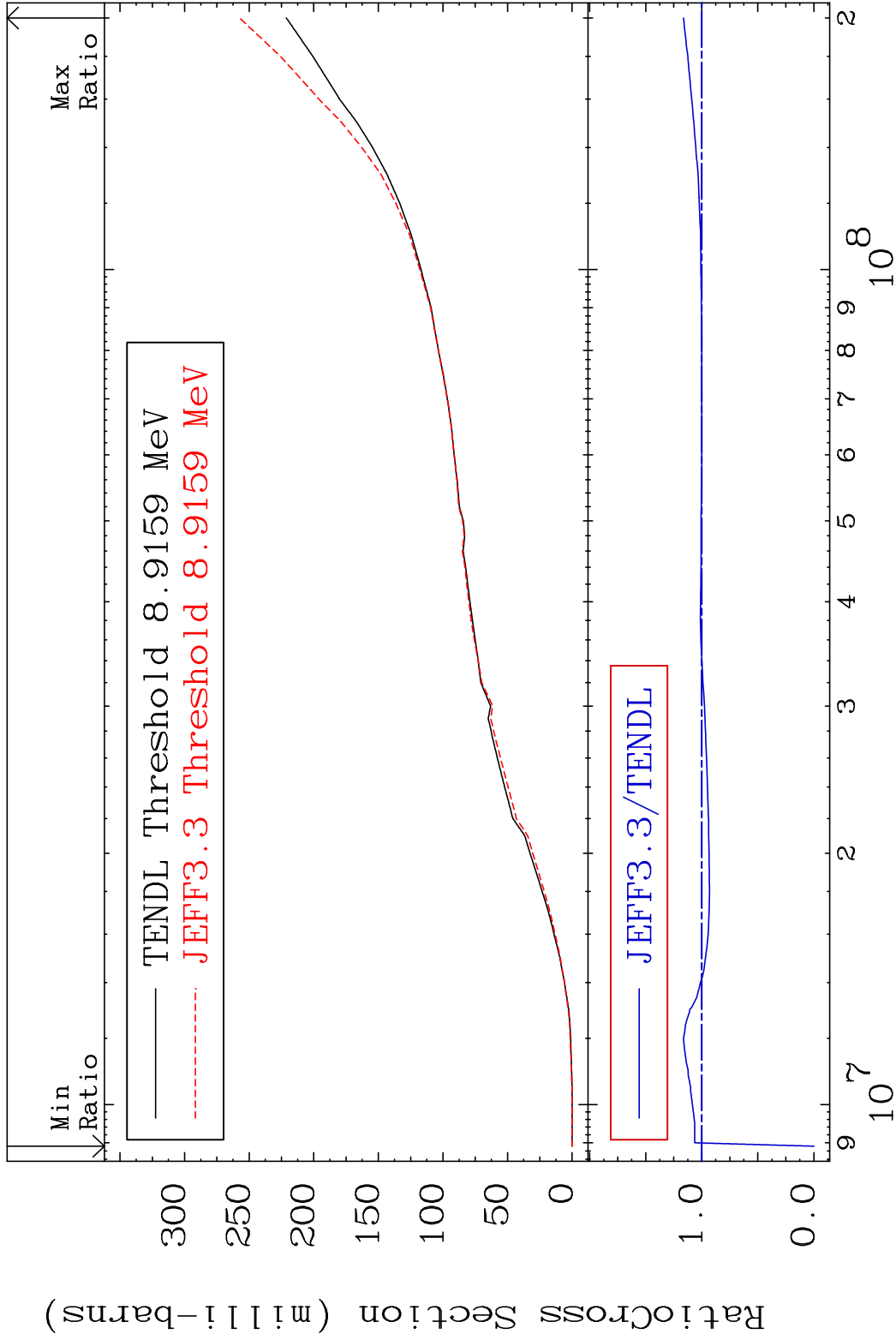


MAT 1631 Hydrogen Production 16-S -34  
 Cross Section -100.0 To 13.48 %



46 16-S -34

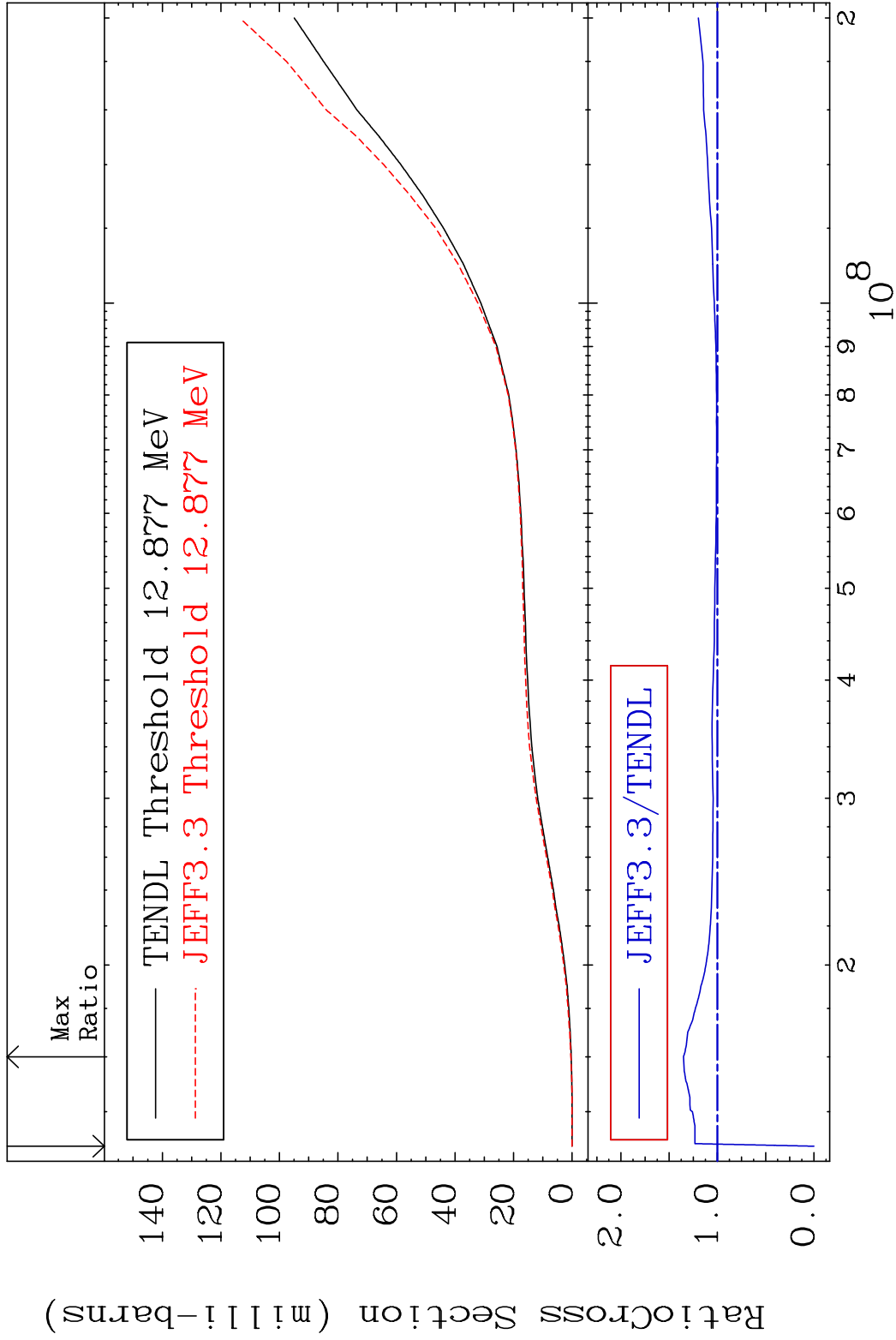
MAT 1631 Deuterium Production 16-S -34  
 Cross Section -100.0 To 16.35 %



47 16-S -34

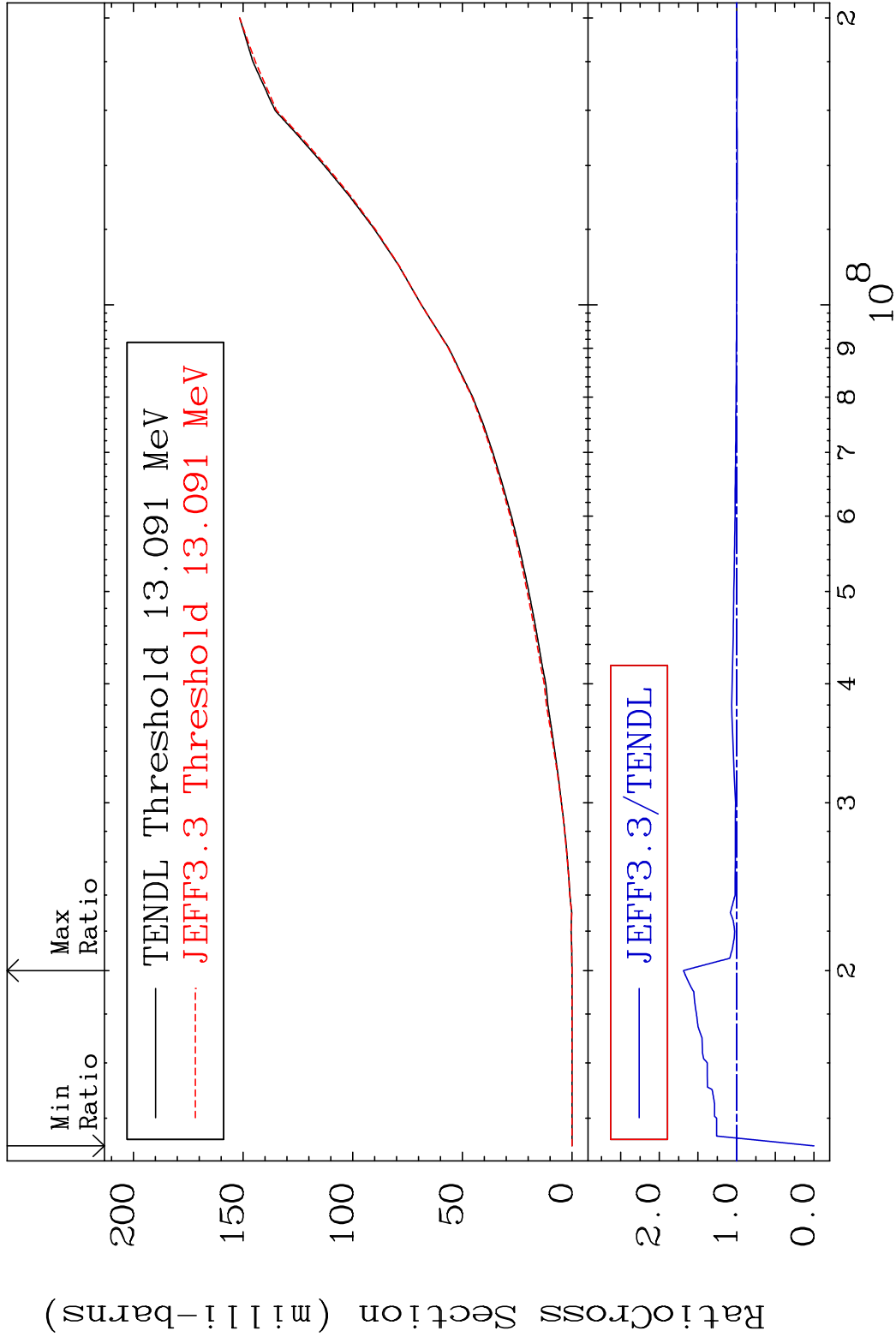


MAT 1631 Tritium Production 16-S -34  
 Cross Section -100.0 To 35.19 %



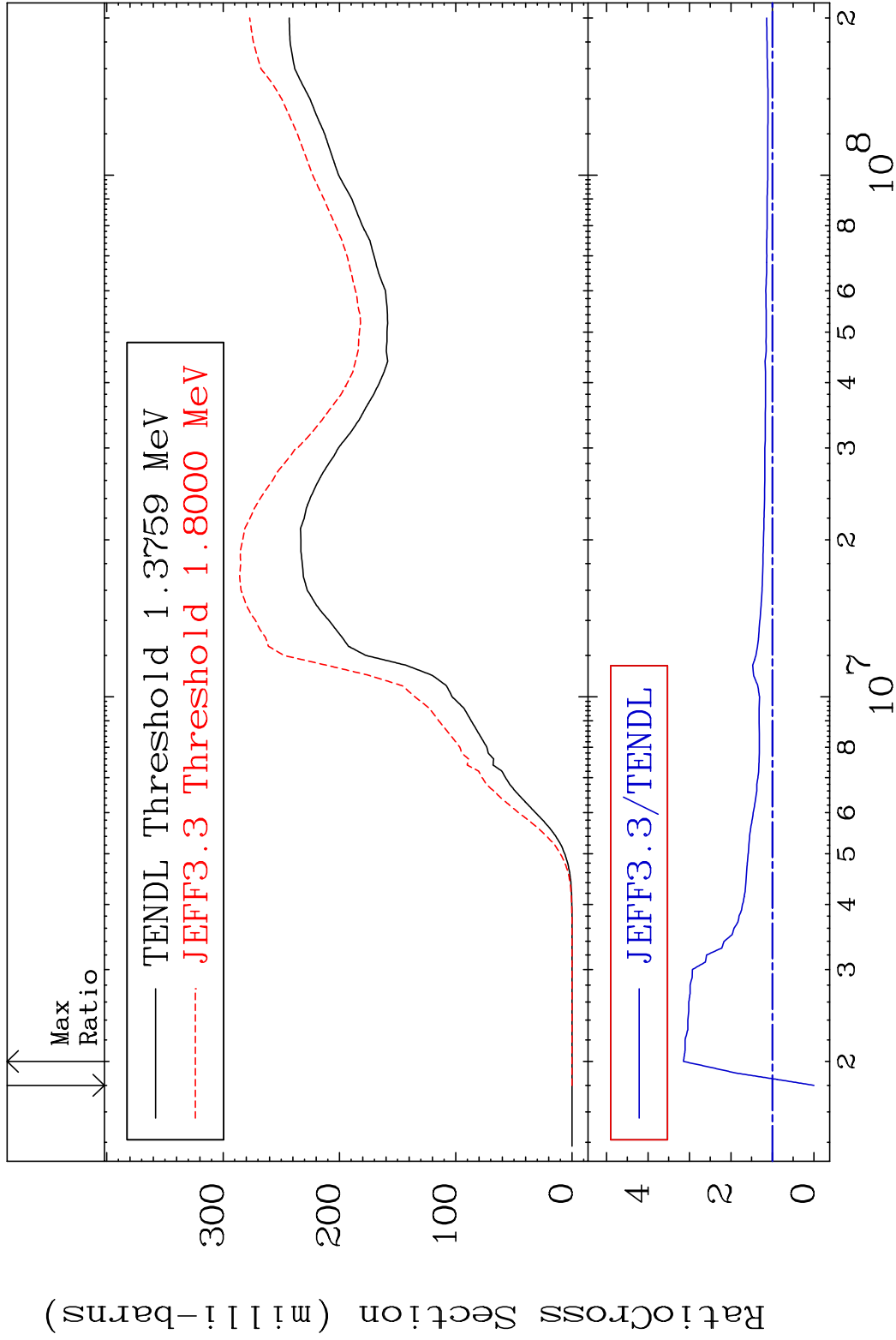
48 Incident Energy (eV) 16-S -34

MAT 1631 He-3 Production 16-S -34  
 Cross Section -100.0 To 68.78 %



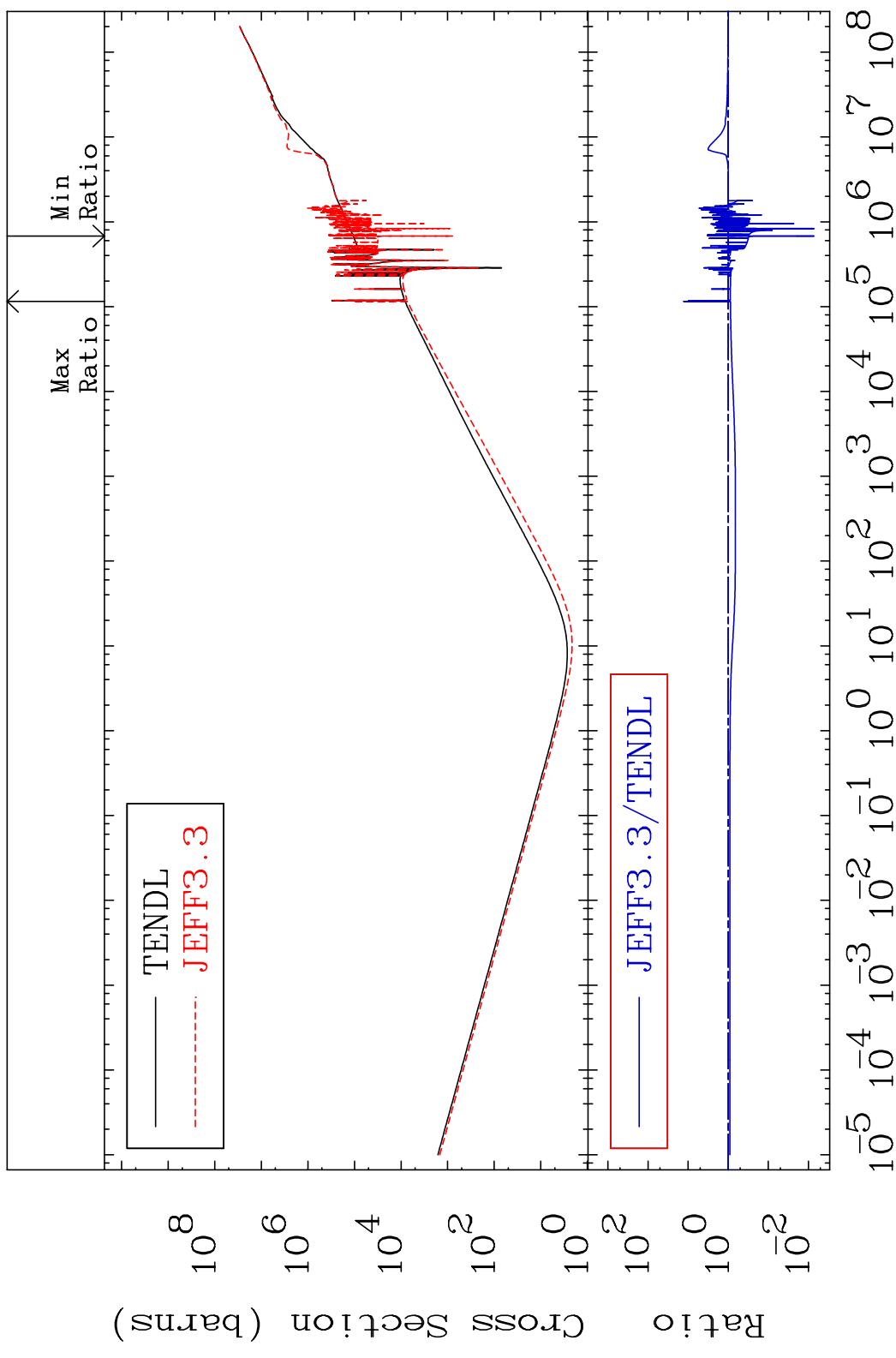
49 16-S -34

MAT 1631 He-4 Production 16-S -34  
 Cross Section -100.0 To 214.5 %



50 16-S -34

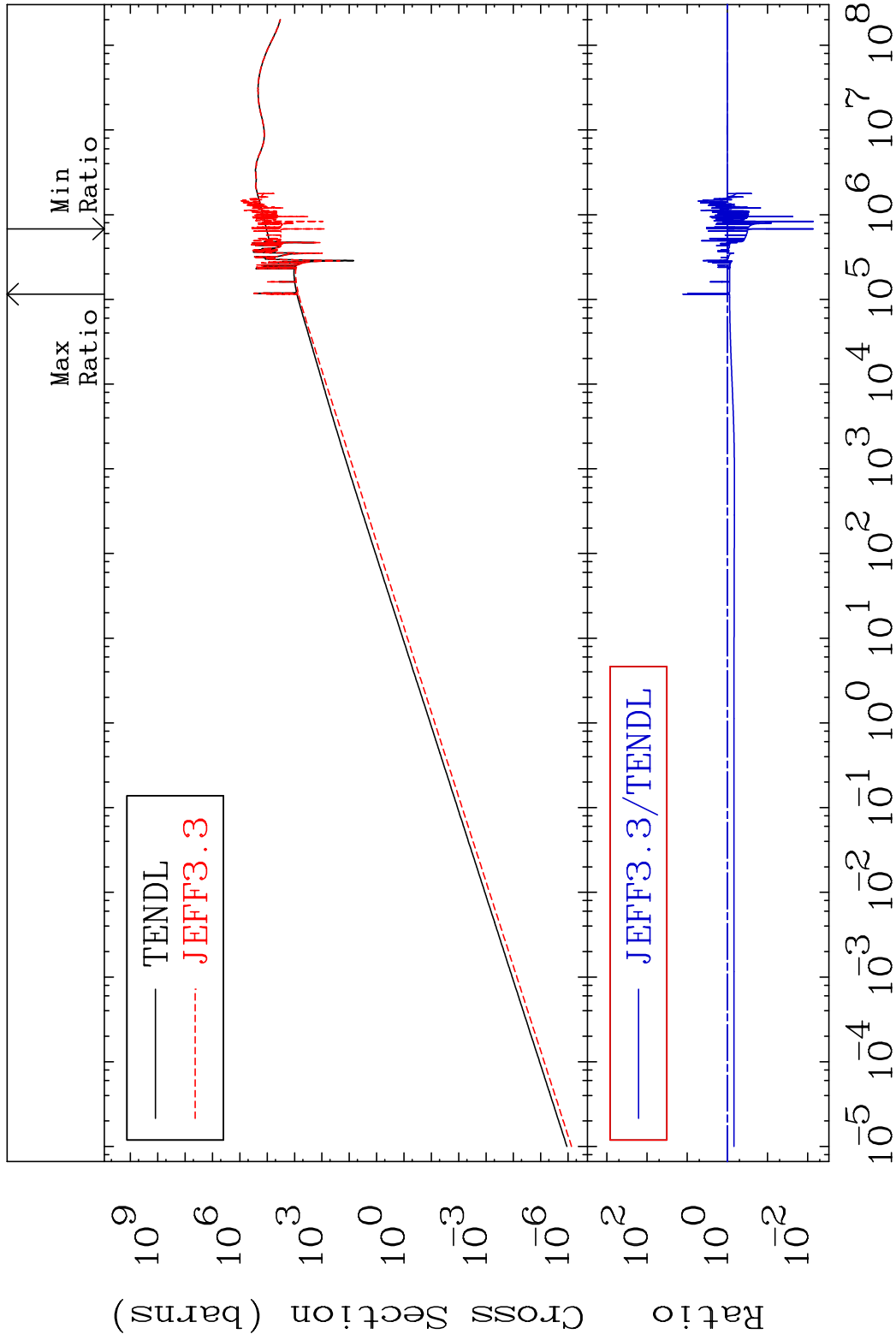
MAT 1631 Kerma total (eV-barns) 16-S -34  
 Cross Section -99.27 To 1205. %



MAT 1631

Kerma elastic  
Cross Section

16-S -34  
-99.27 To 1180. %

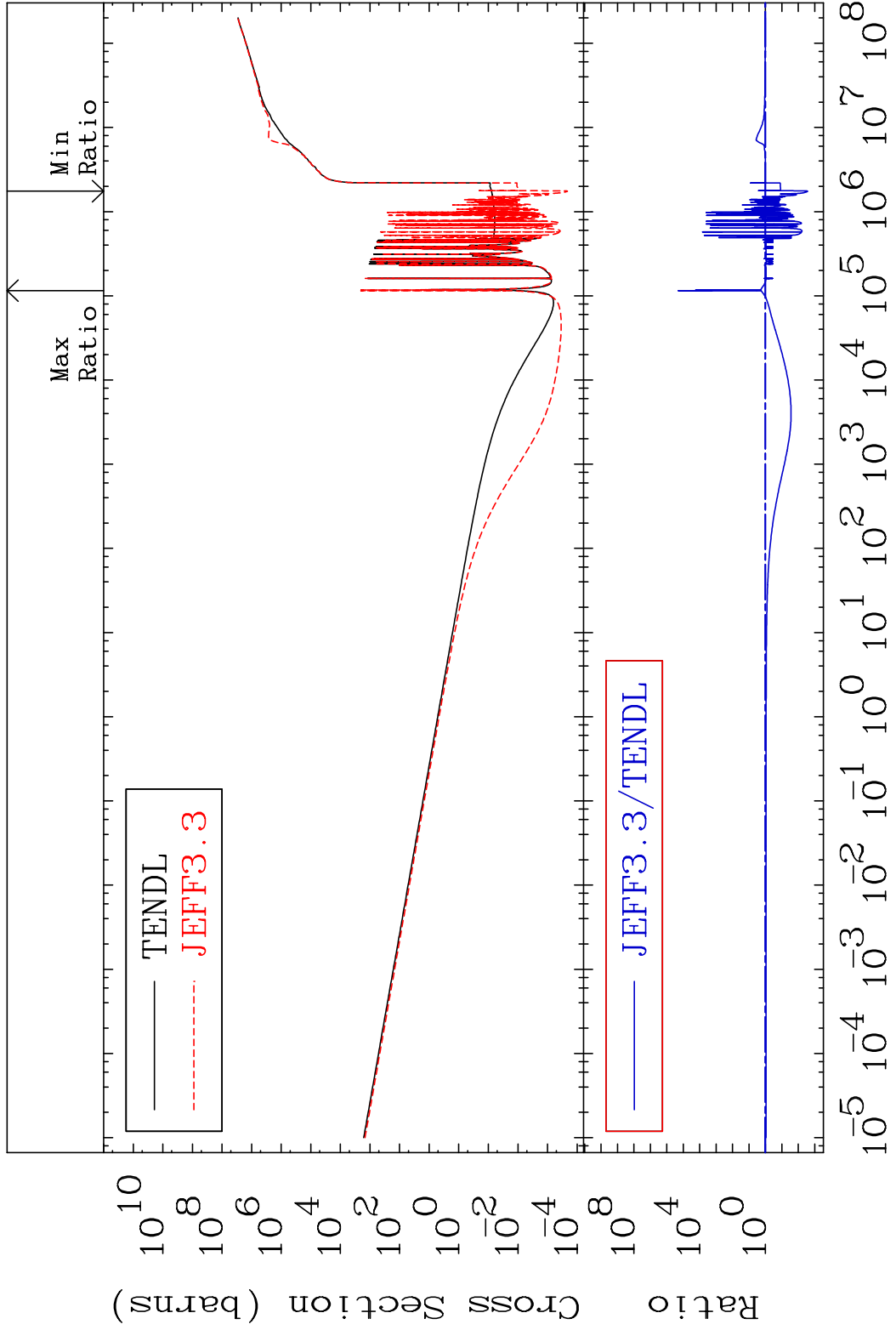


52

Incident Energy (eV)

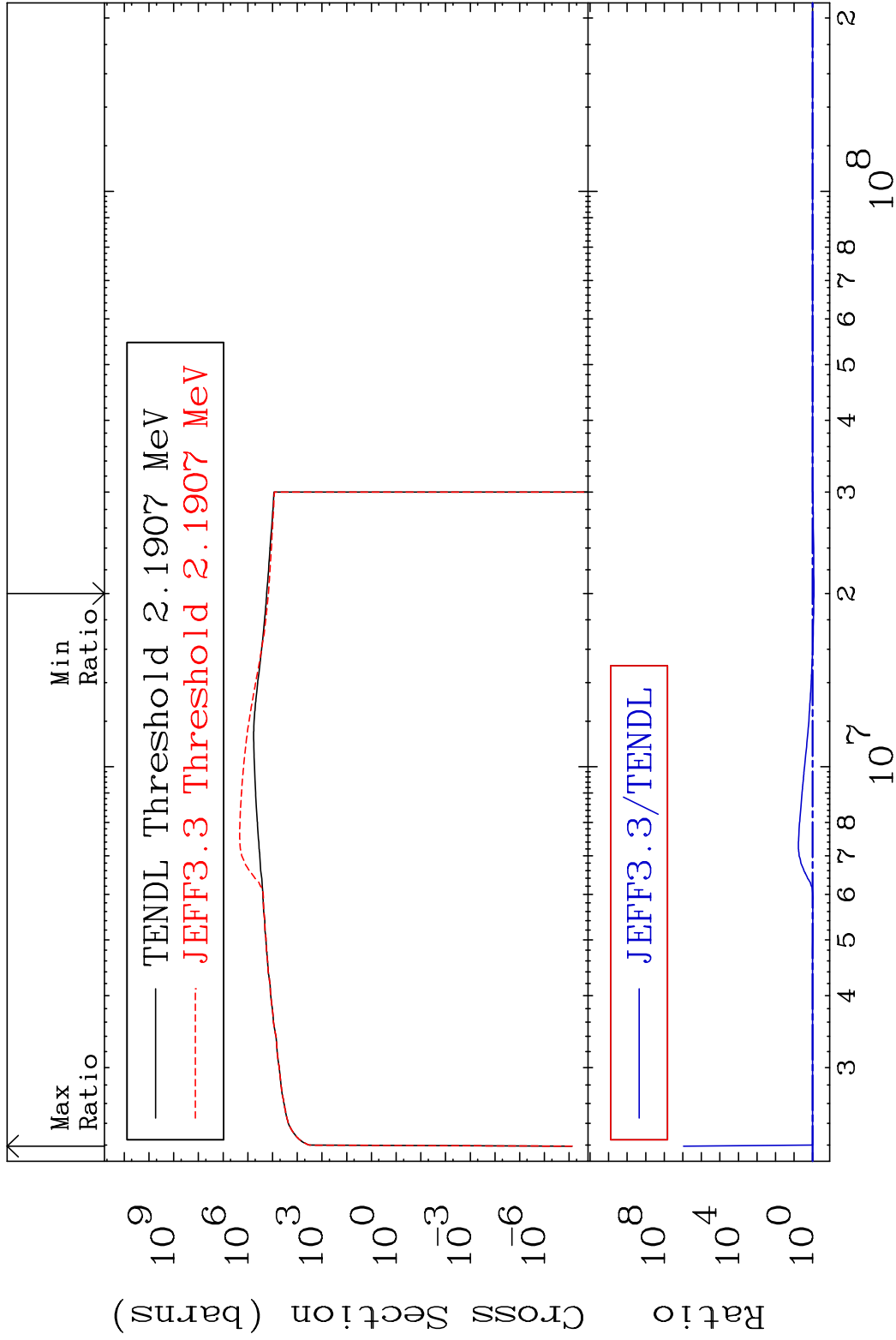
16-S -34

MAT 1631 Kerma non-elastic (all but mt2) 16-S -34  
 Cross Section -99.73 To 9999. %

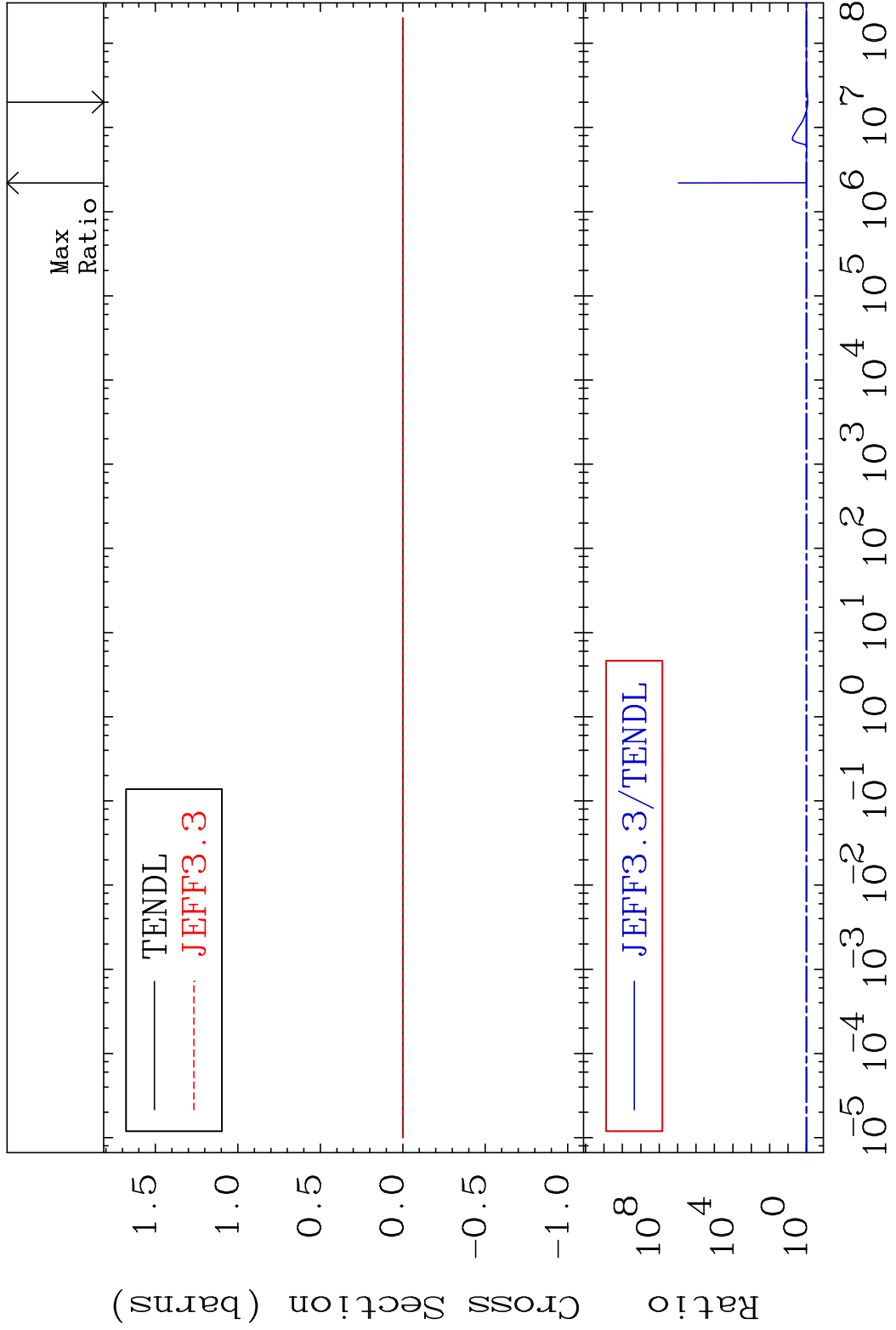


53 Incident Energy (eV) 16-S -34

MAT 1631 Kerma inelastic (mt51-91) 16-S -34  
 Cross Section -14.06 To 9999. %

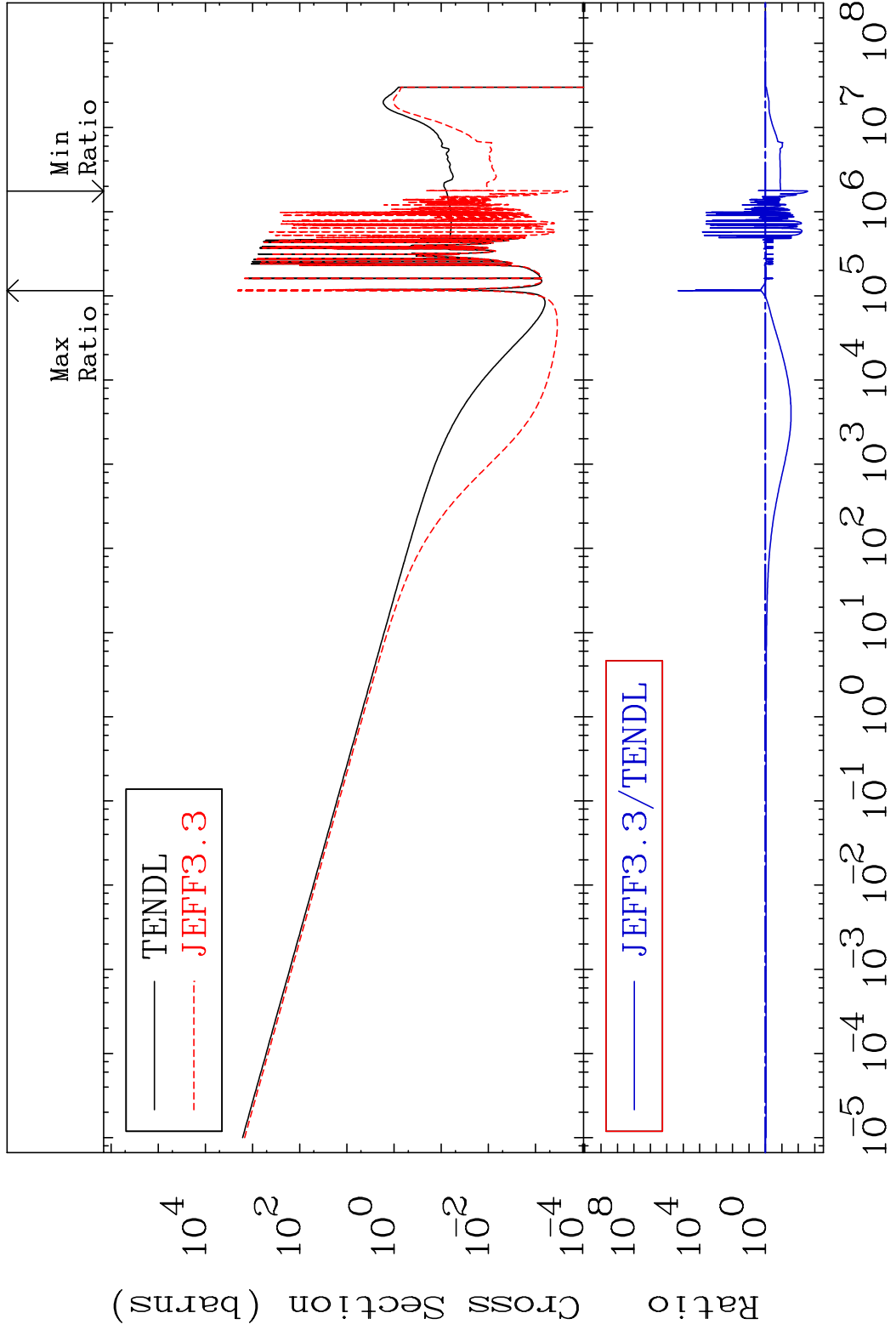


MAT 1631 Kerma fission (mt18 or mt19-20-21-38) 16-S -34  
 Cross Section -14.06 To 9999. %



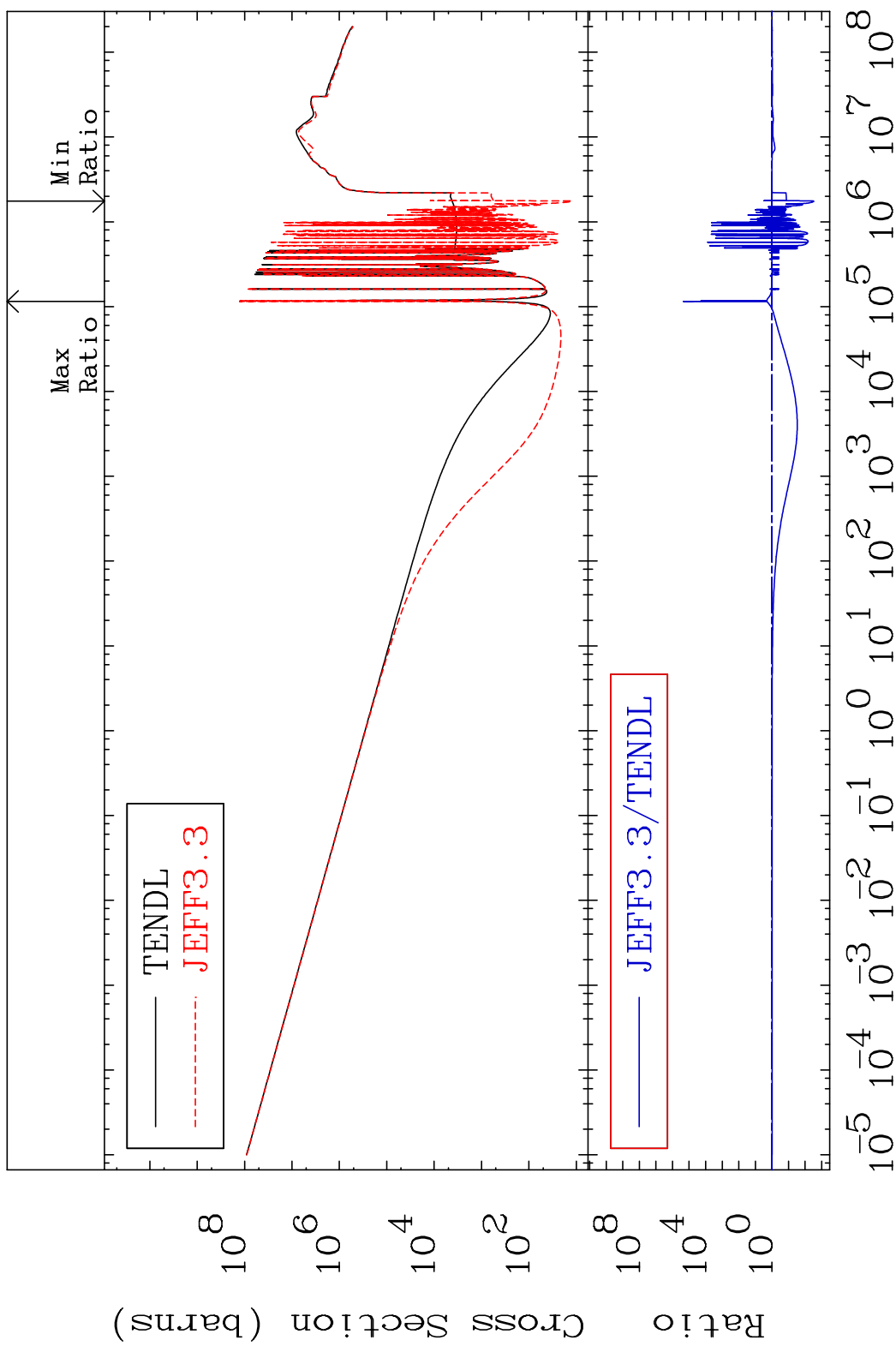


MAT 1631 Kerma capture (mt102) 16-S -34  
 Cross Section -99.73 To 9999. %



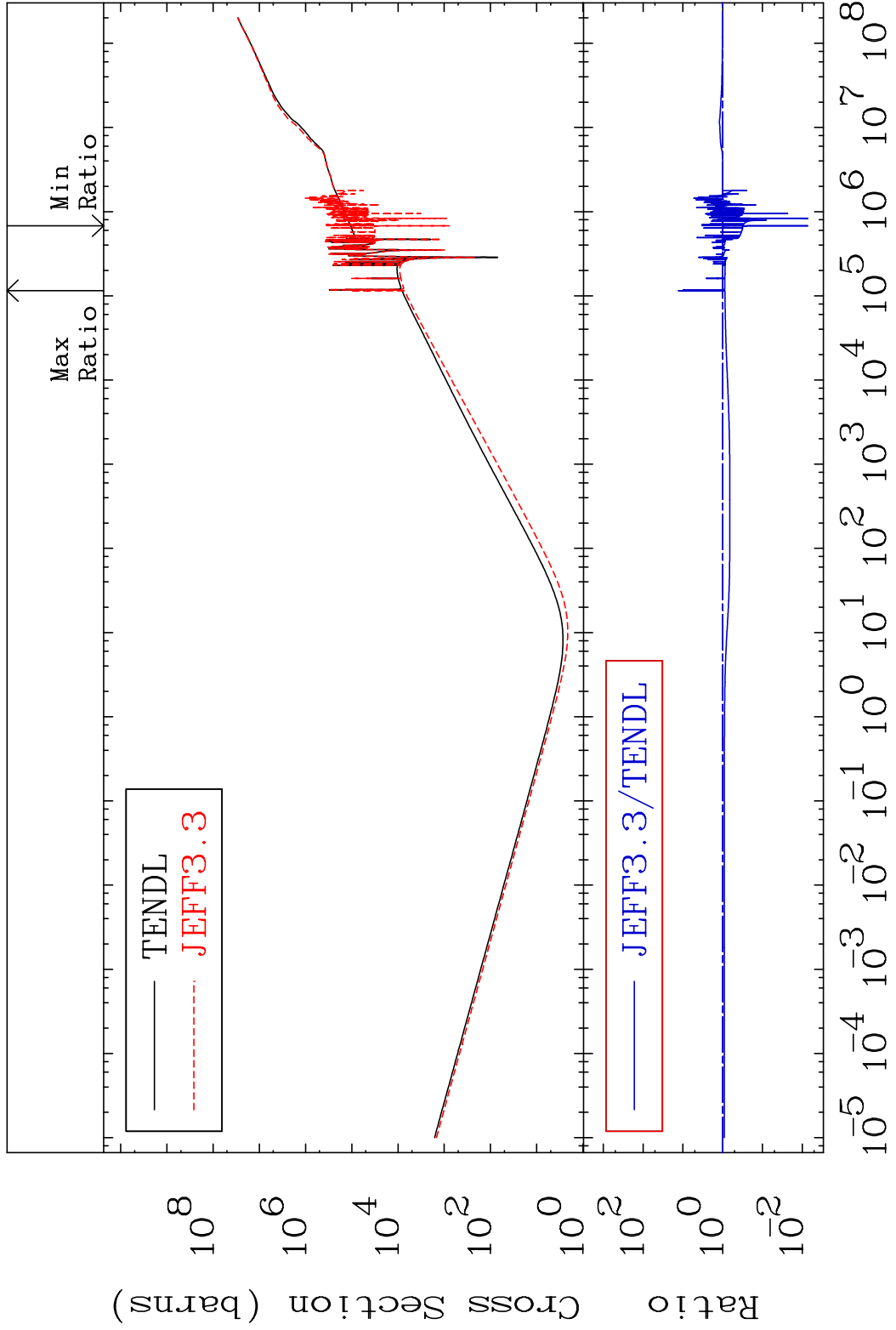
56 Incident Energy (eV) 16-S -34

MAT 1631 Total photon (eV-barns) 16-S -34  
Cross Section -99.70 To 9999. %



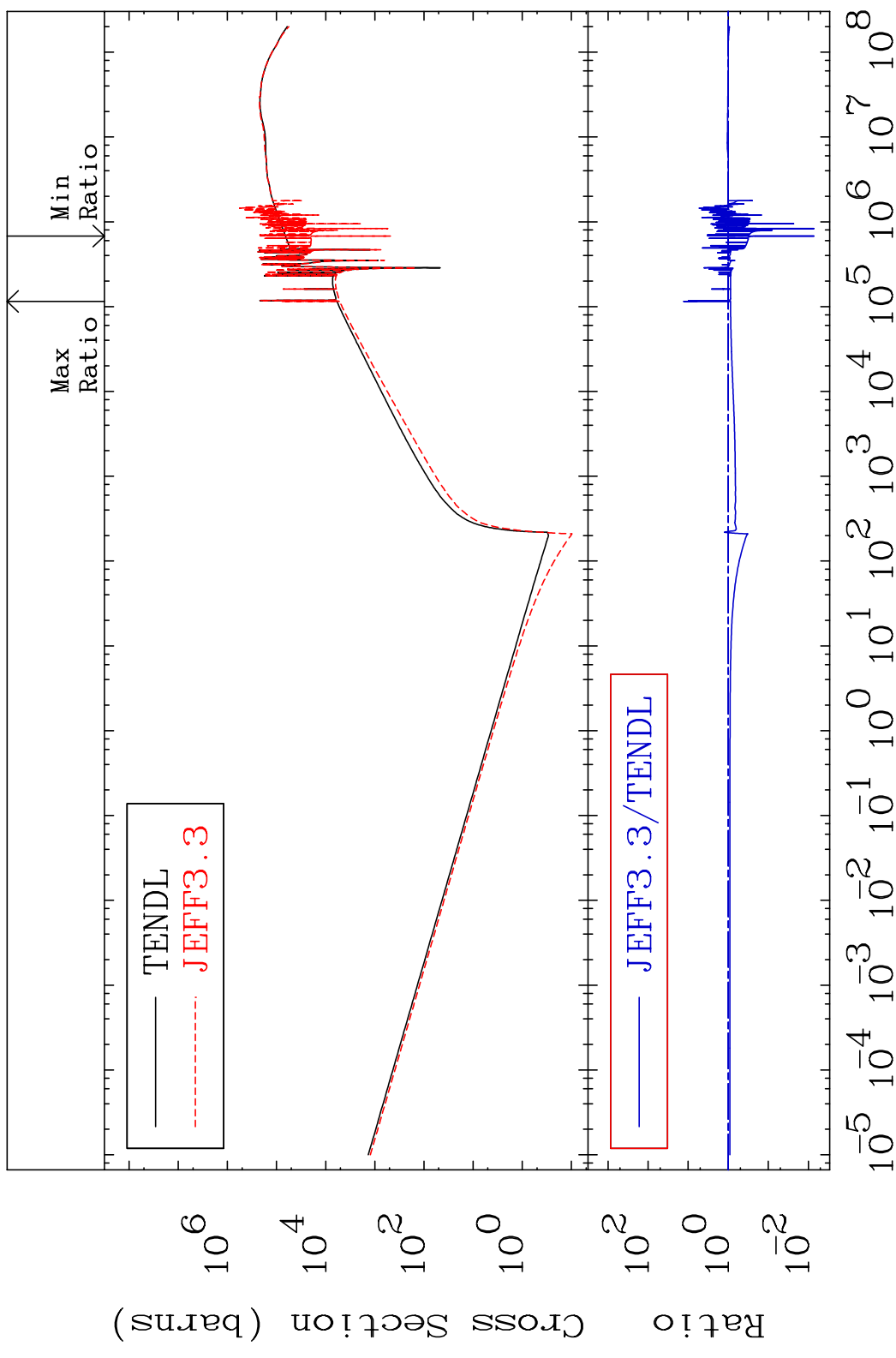
57 Incident Energy (eV) 16-S -34

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



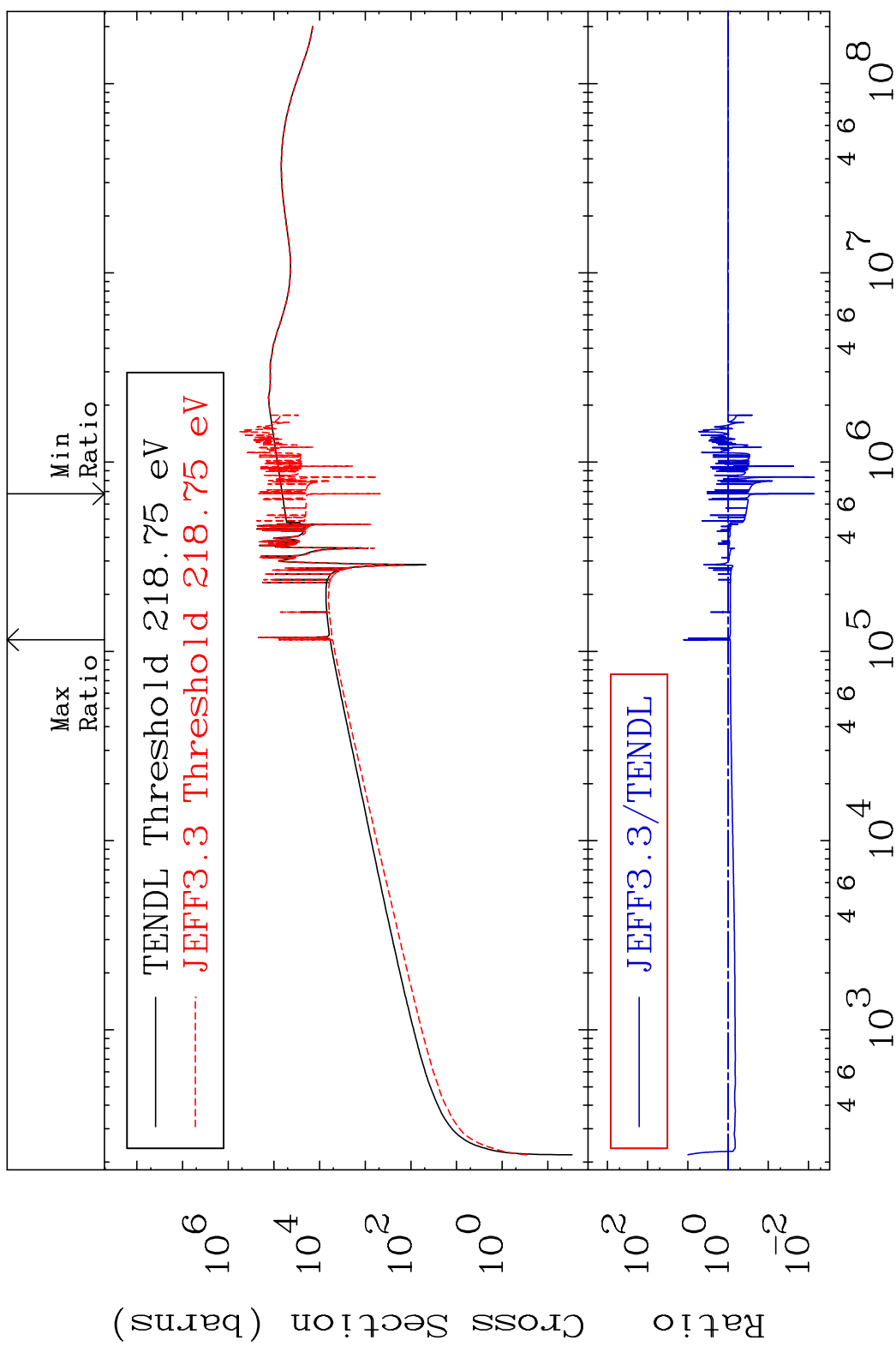
58 Incident Energy (eV) 16-S -34

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



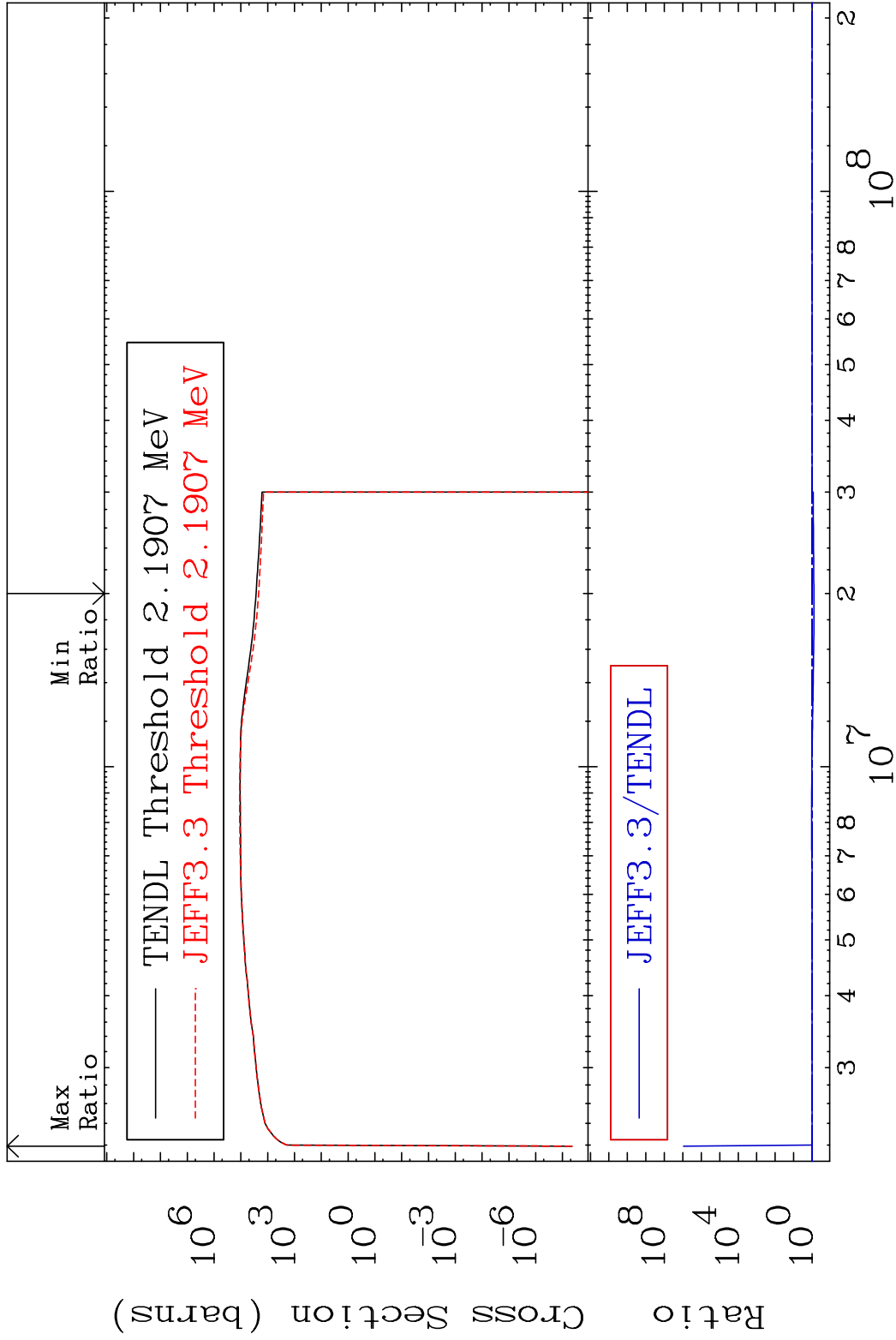
59 Incident Energy (eV) 16-S -34

MAT 1631 Dpa elastic (mt2) 16-S -34  
 Cross Section -99.27 To 1180. %



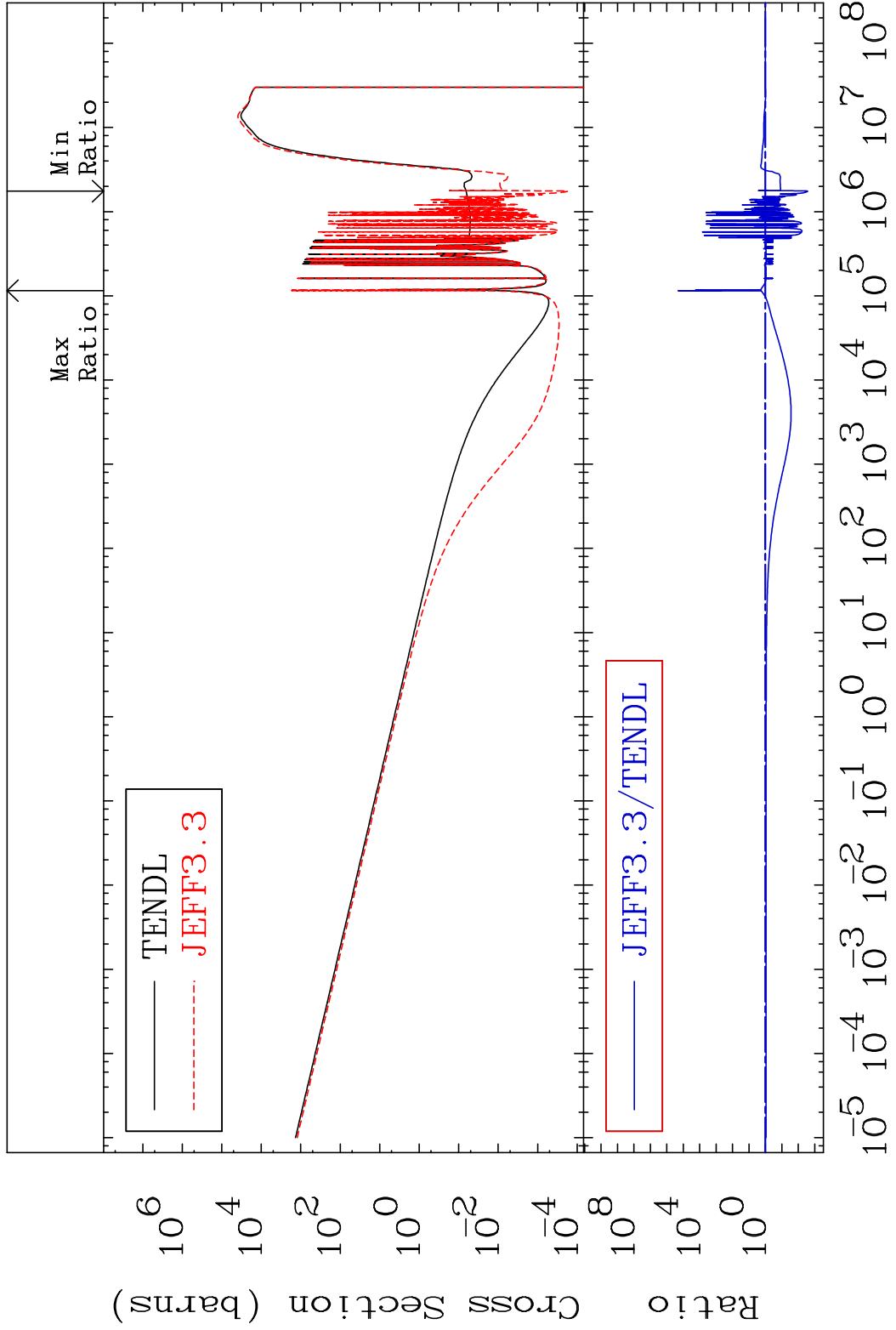
60 Incident Energy (eV) 16-S -34

MAT 1631 Dpa inelastic (mt51-91) 16-S -34  
 Cross Section -19.72 To 9999. %



61 Incident Energy (eV) 16-S -34

MAT 1631 Dpa disappearance (mt102 -120) 16-S -34  
 Cross Section -99.73 To 9999. %



62 Incident Energy (eV) 16-S -34