

Program Complot
(Version 2021-1)

by

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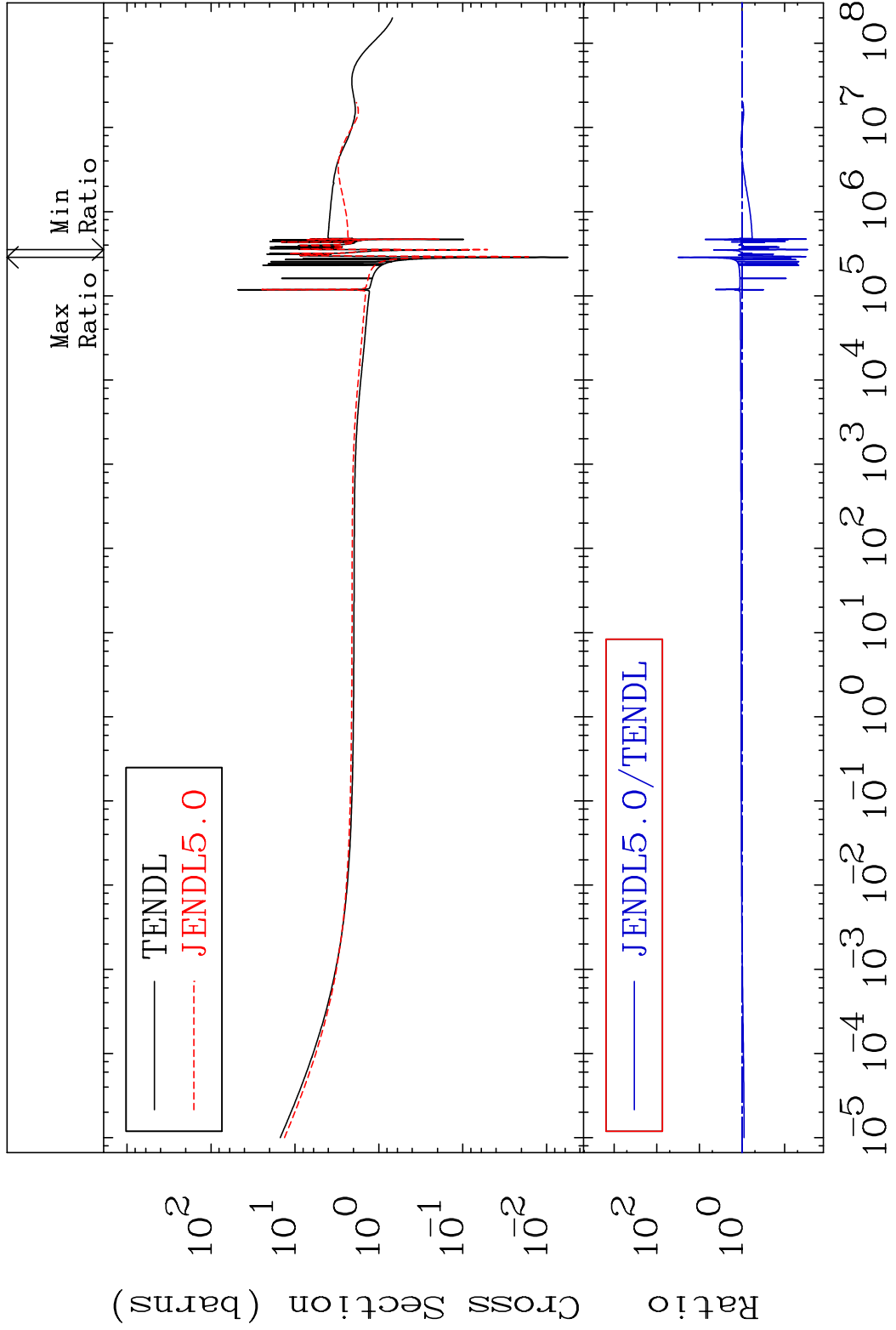
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

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



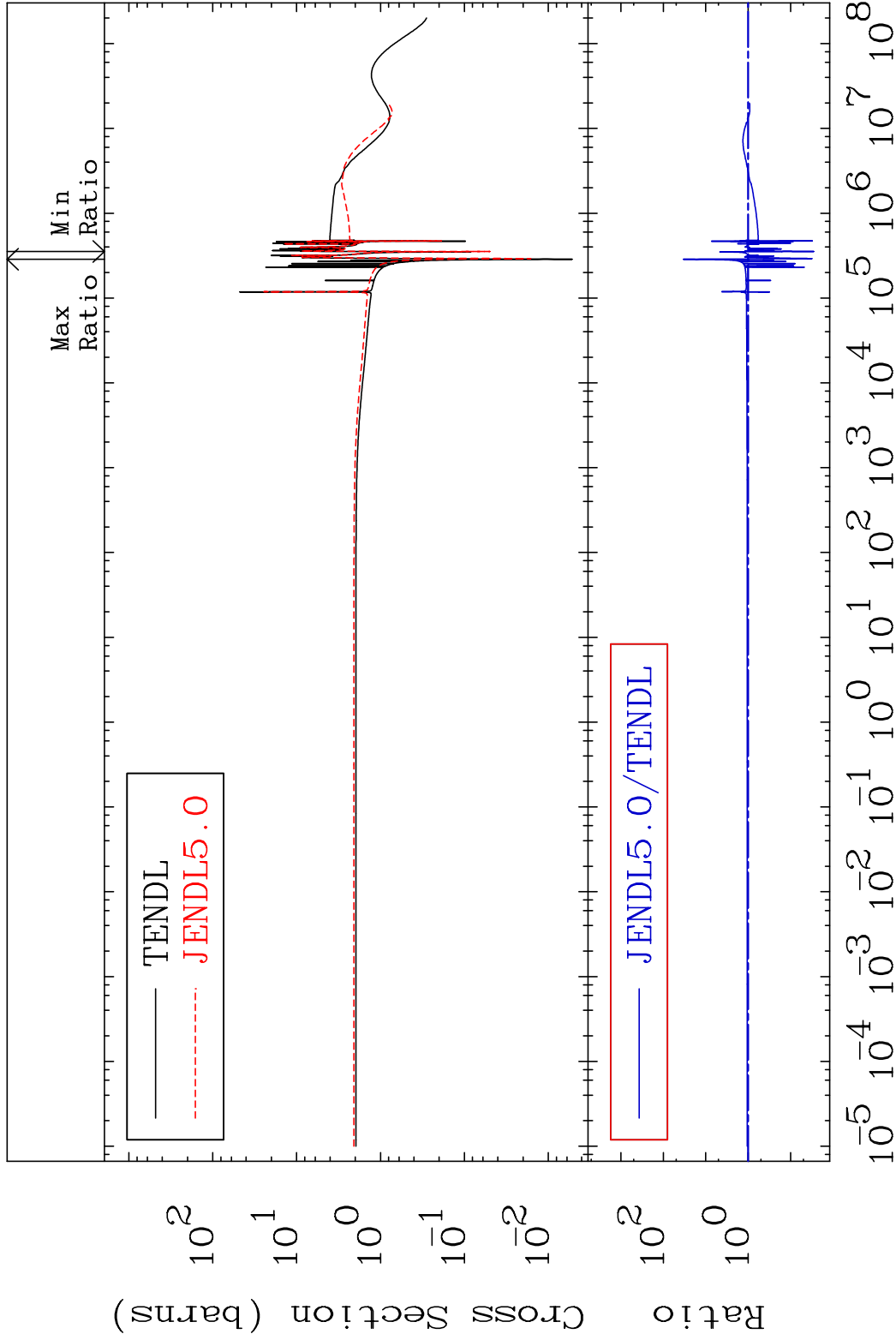
1 Incident Energy (eV) 16-S -34

MAT 1631

Elastic

16-S -34

Cross Section -97.17 To 3253. %

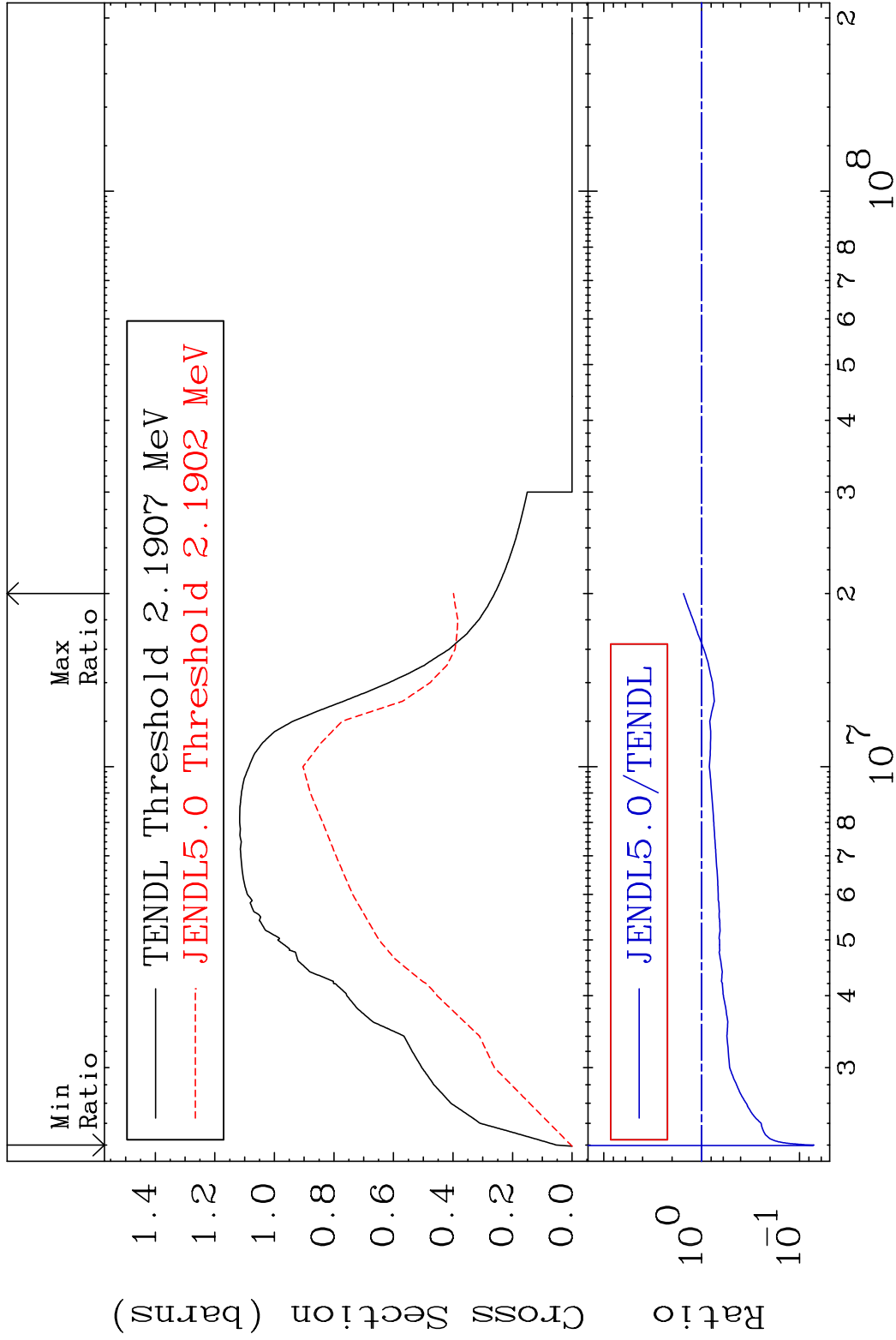


2

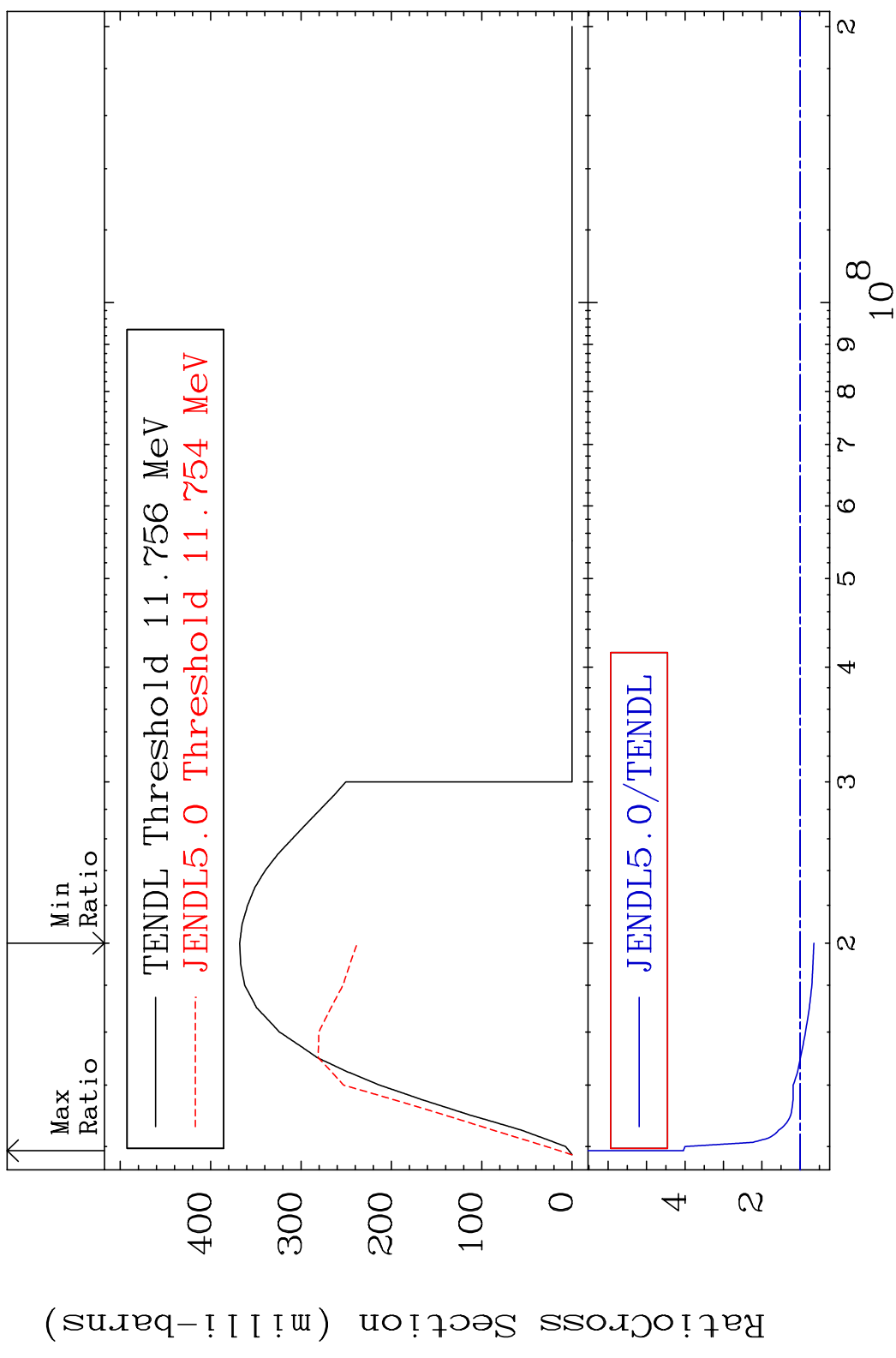
Incident Energy (eV)

16-S -34

MAT 1631 Inelastic 16-S -34
 Cross Section -92.88 To 53.33 %

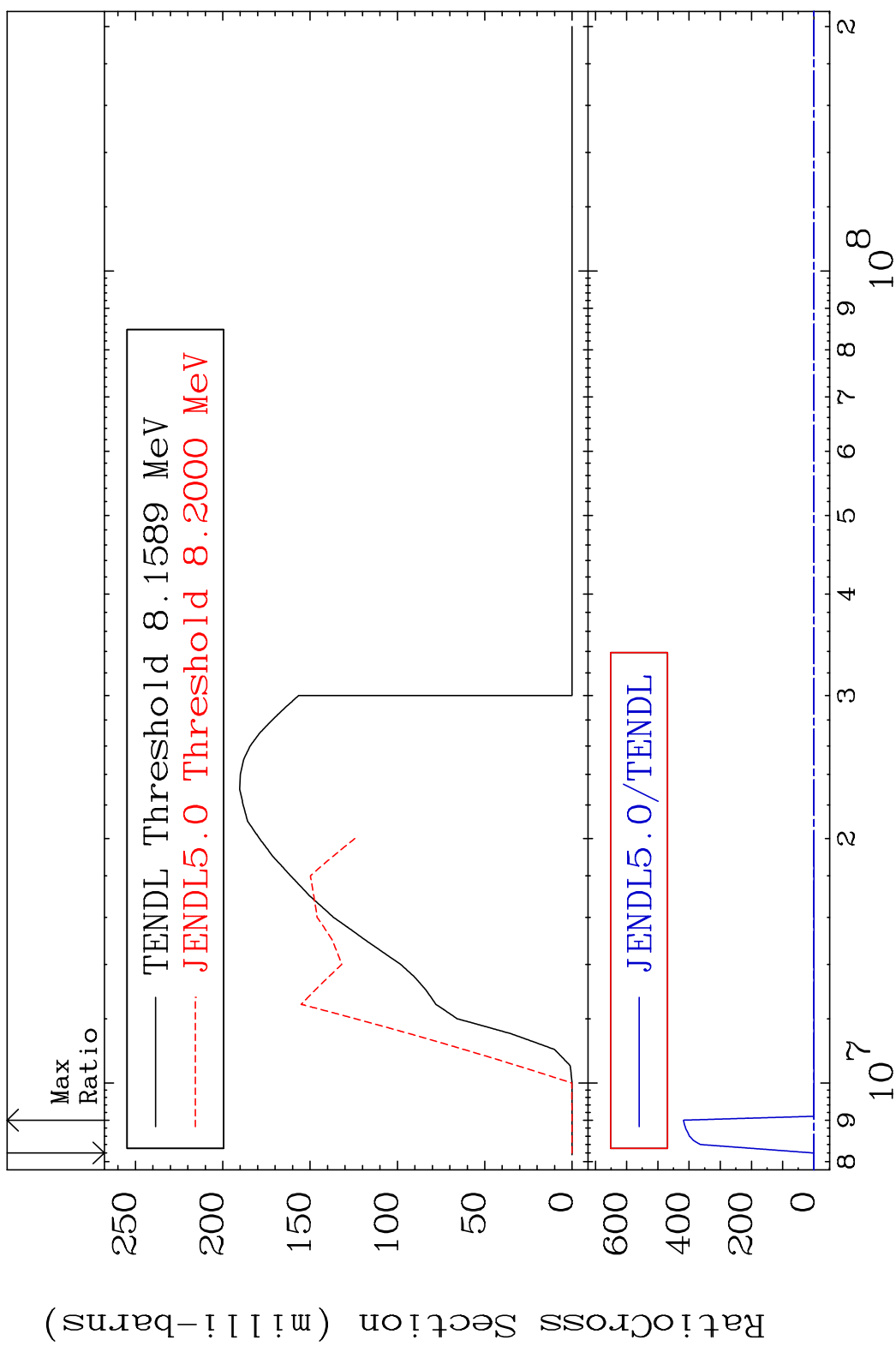


MAT 1631 (n,2n) 16-S -34
 Cross Section -35.36 To 304.1 %



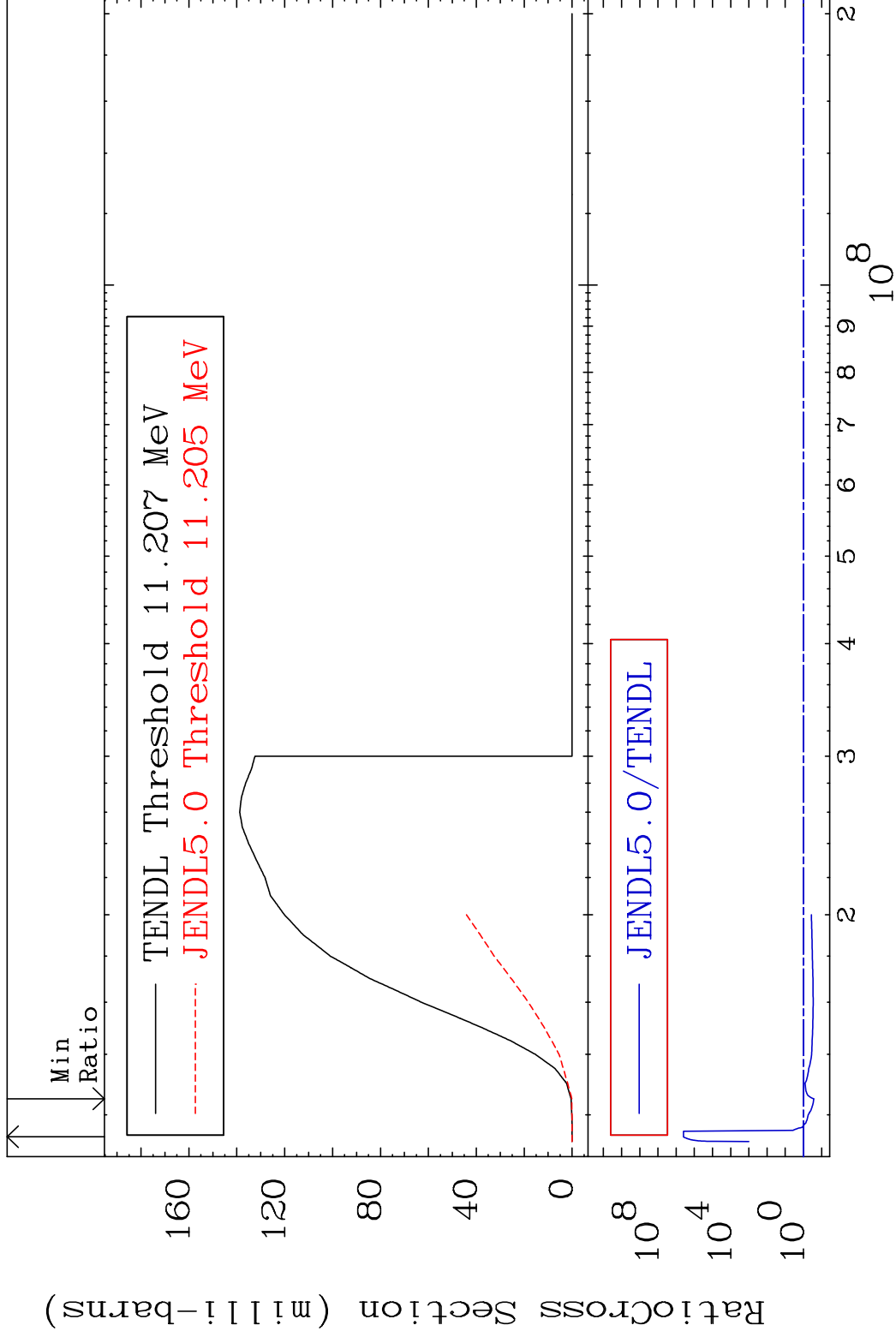
4 Incident Energy (eV) 16-S -34

MAT 1631 (n, n') α 16-S -34
 Cross Section -100.0 To 9999. %



MAT 1631

(n, n') p 16-S -34
Cross Section -73.33 To 9999. %

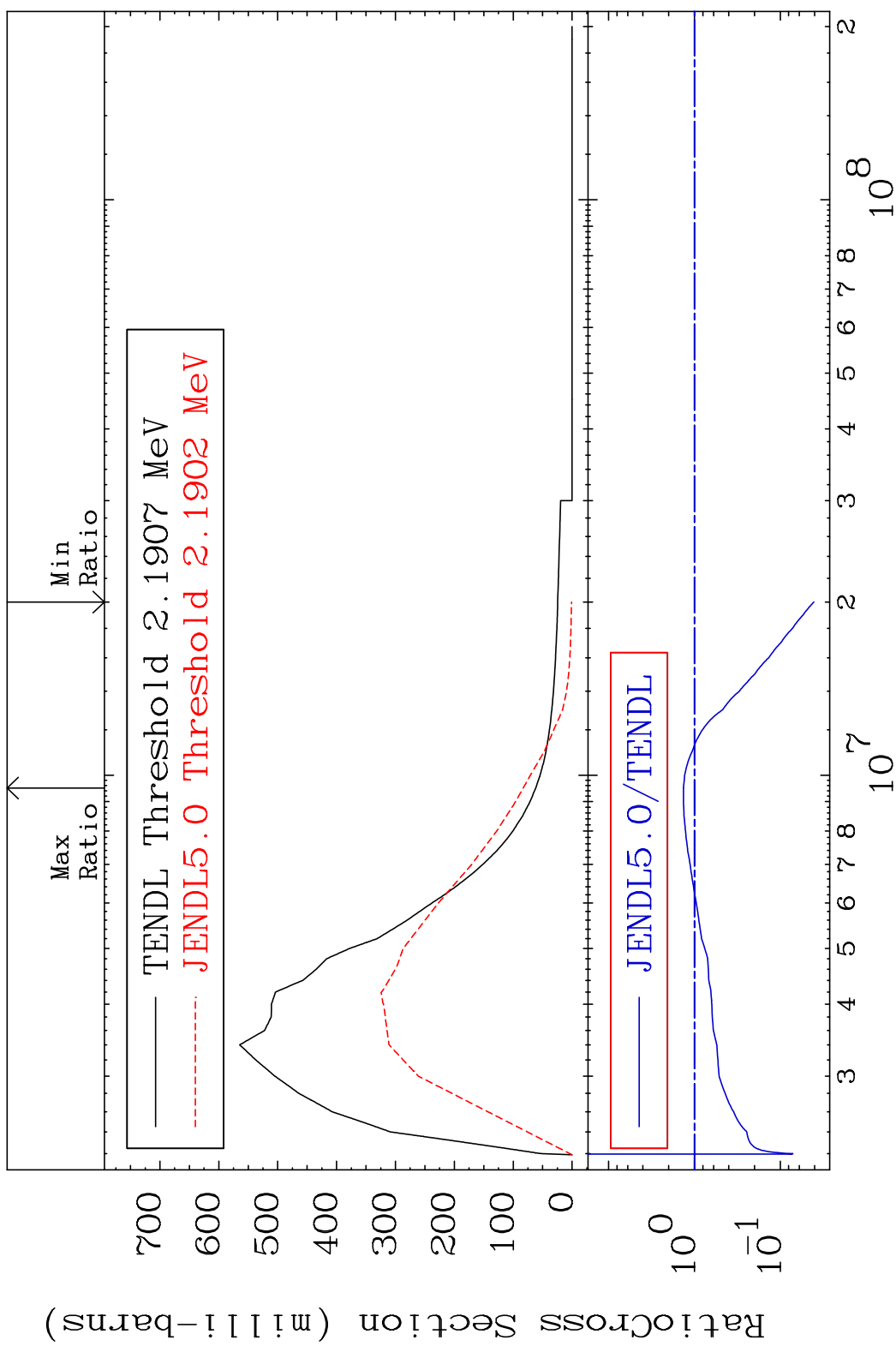


6

Incident Energy (eV)

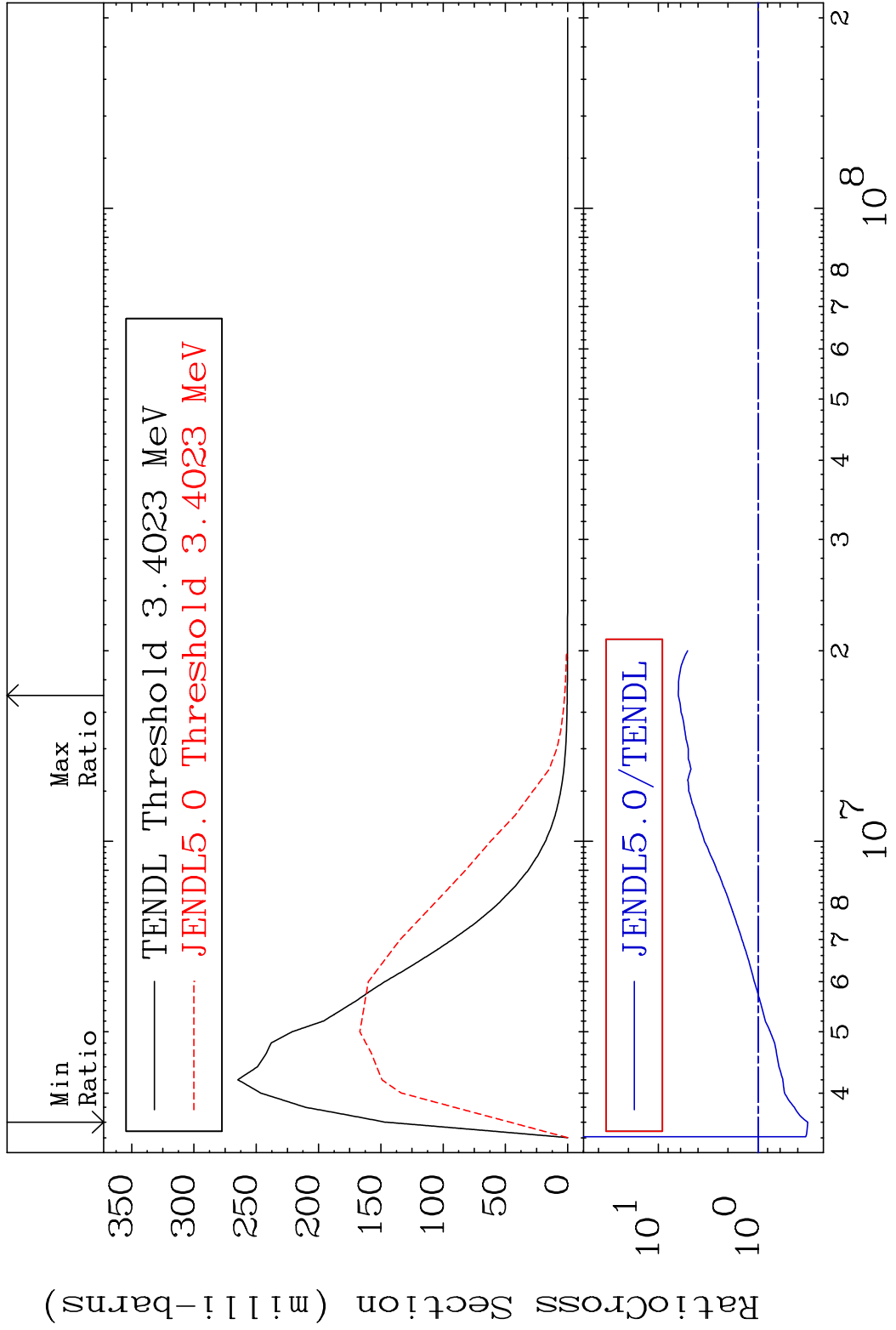
16-S -34

MAT 1631 MT= 51 (n, n') Level 16-S -34
 Cross Section -95.93 To 34.45 %

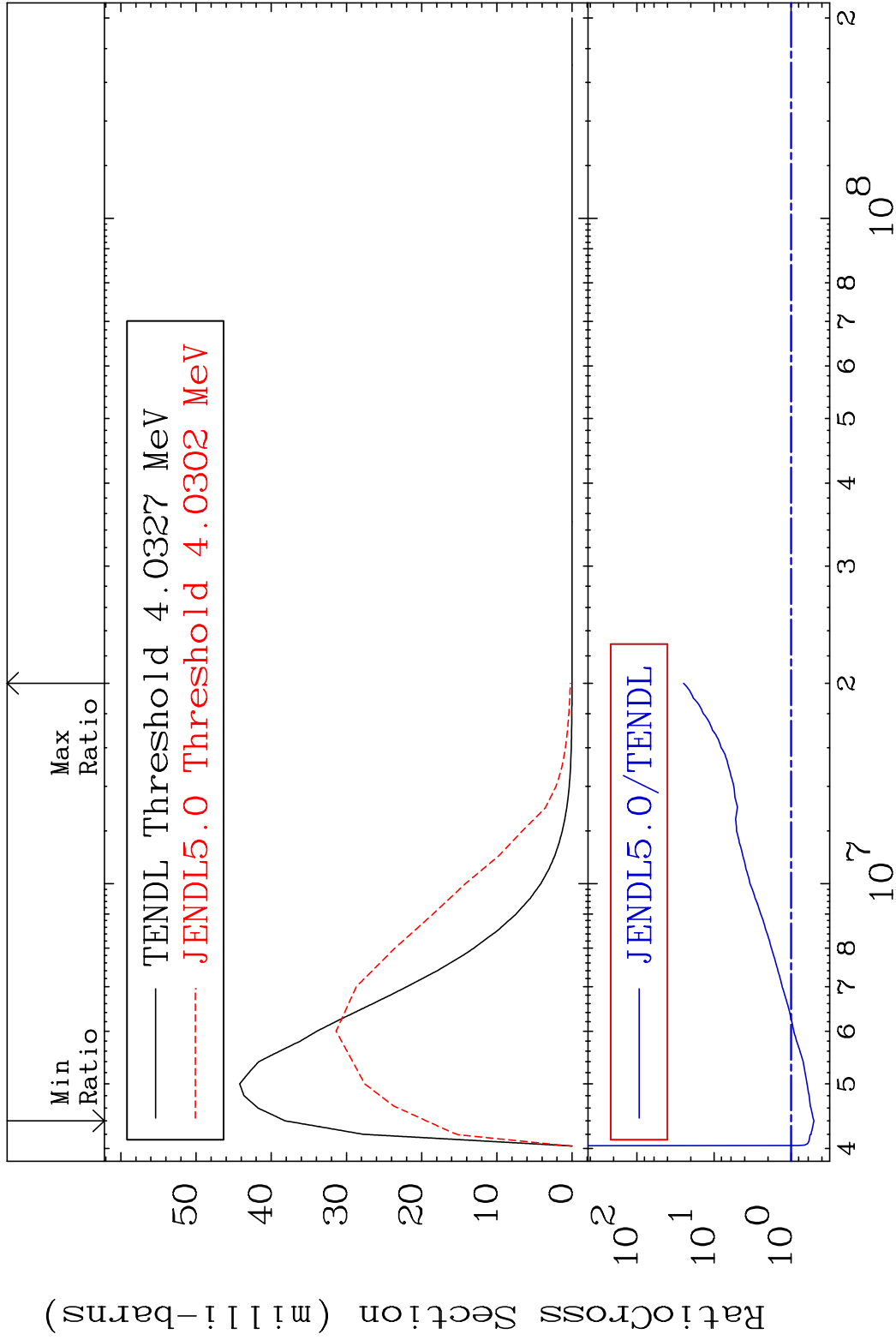


7 Incident Energy (eV) 16-S -34

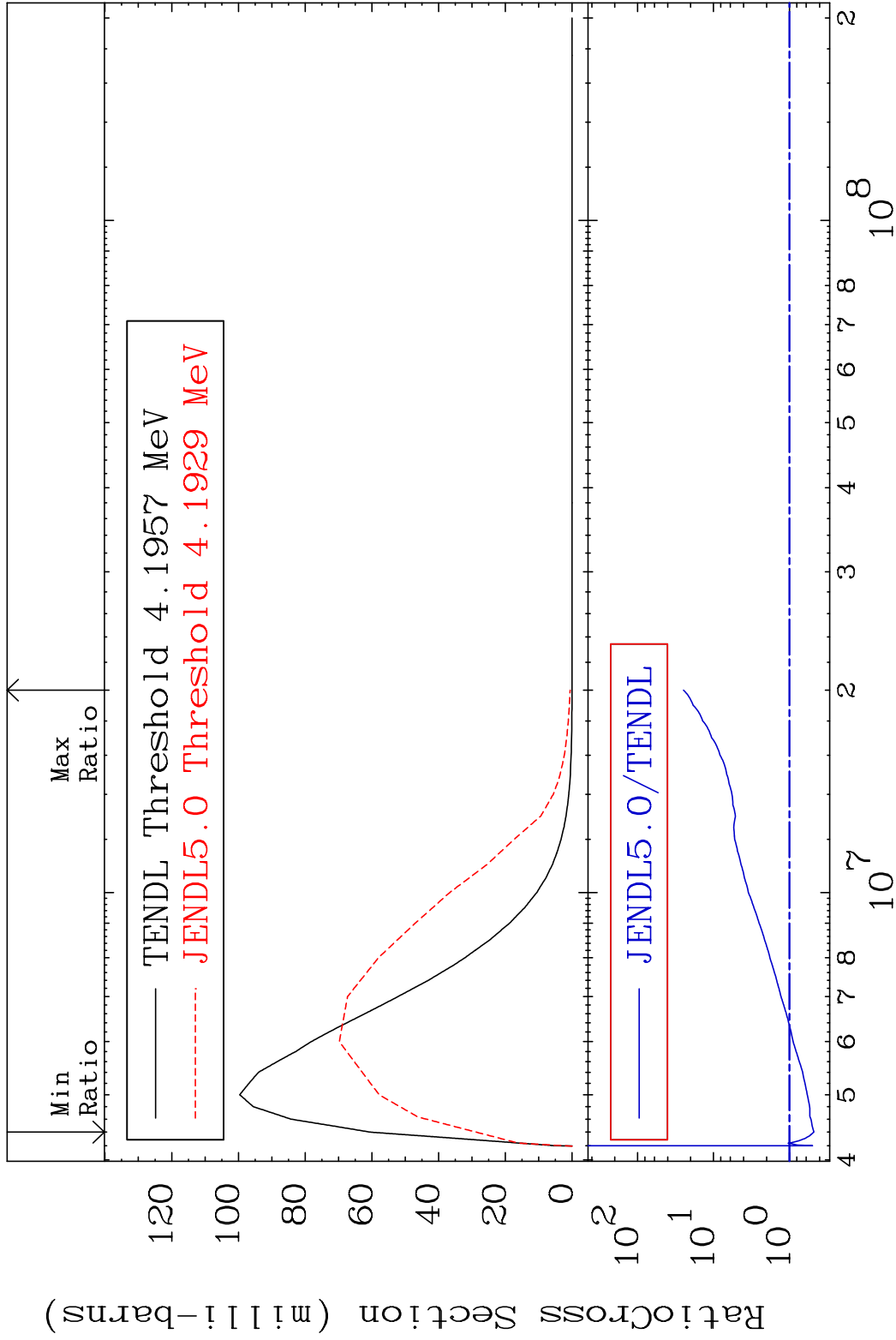
MAT 1631 MT= 52 (n, n') Level 16-S -34
 Cross Section -68.28 To 532.3 %



MAT 1631 MT= 53 (n, n') Level 16-S -34
 Cross Section -49.26 To 2388. %

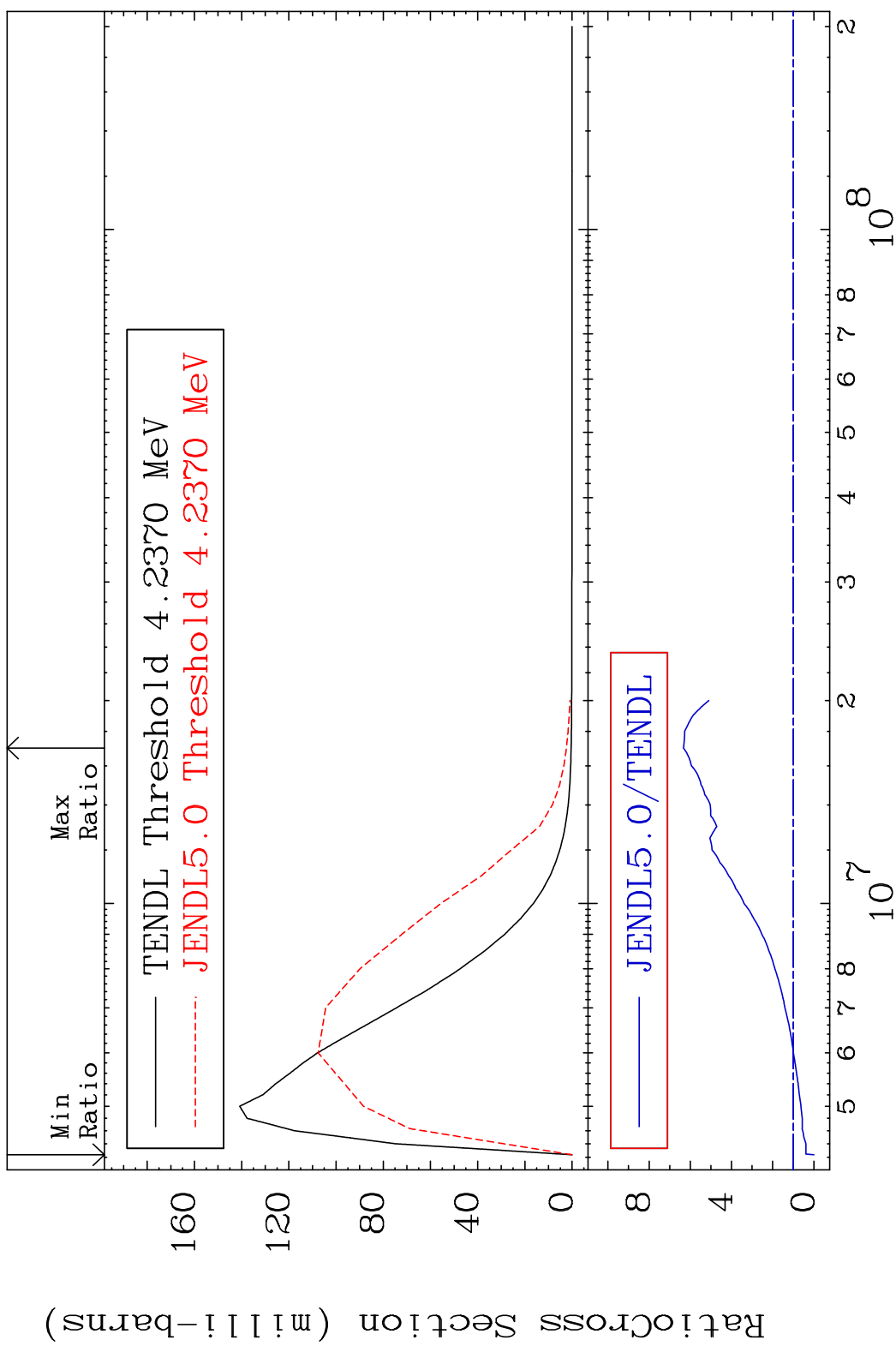


MAT 1631 MT= 54 (n, n') Level 16-S -34
 Cross Section -52.45 To 2387. %



10 Incident Energy (eV) 16-S -34

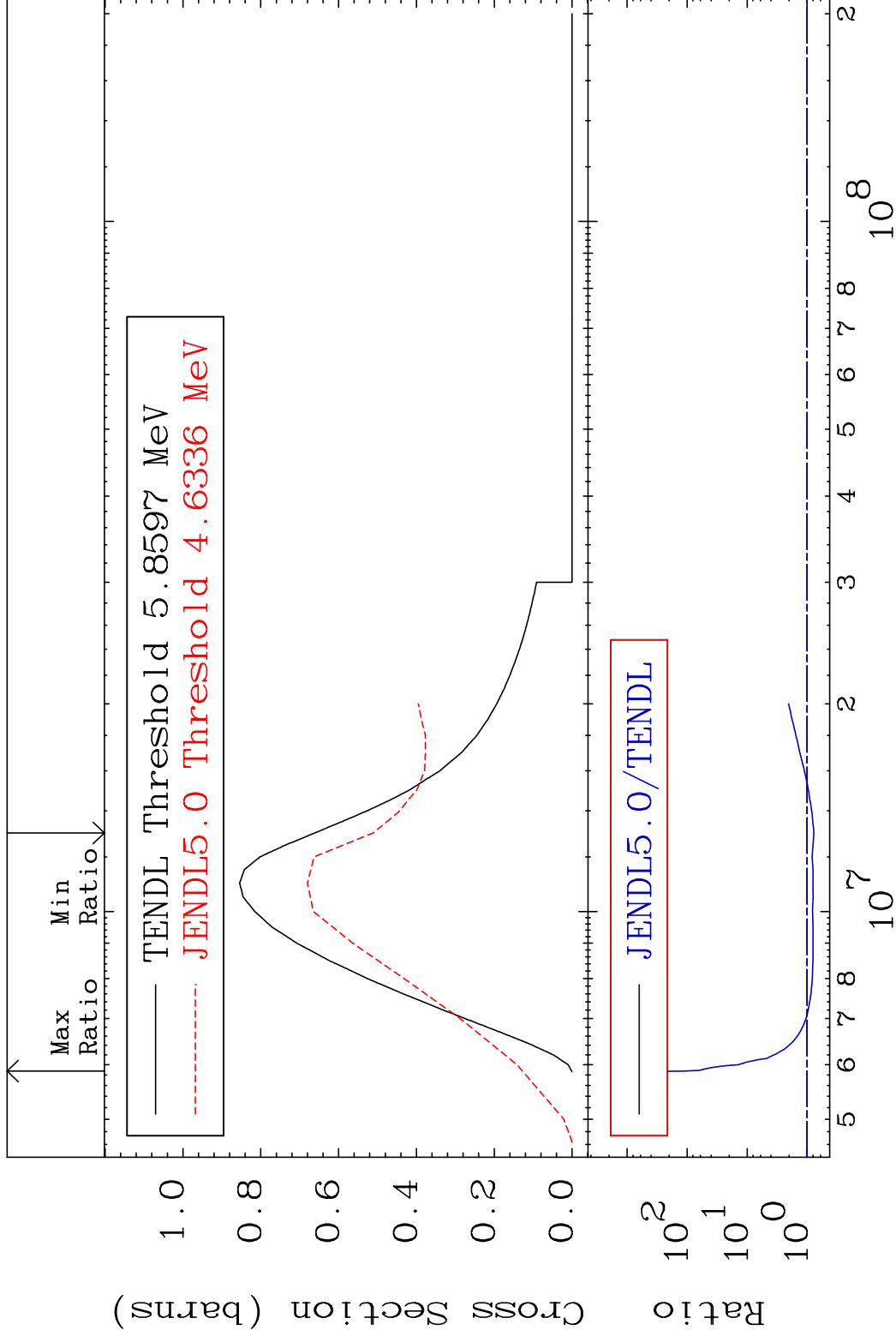
MAT 1631 MT= 55 (n, n') Level 16-S -34
 Cross Section -100.0 To 533.3 %



11 Incident Energy (eV) 16-S -34

MAT 1631

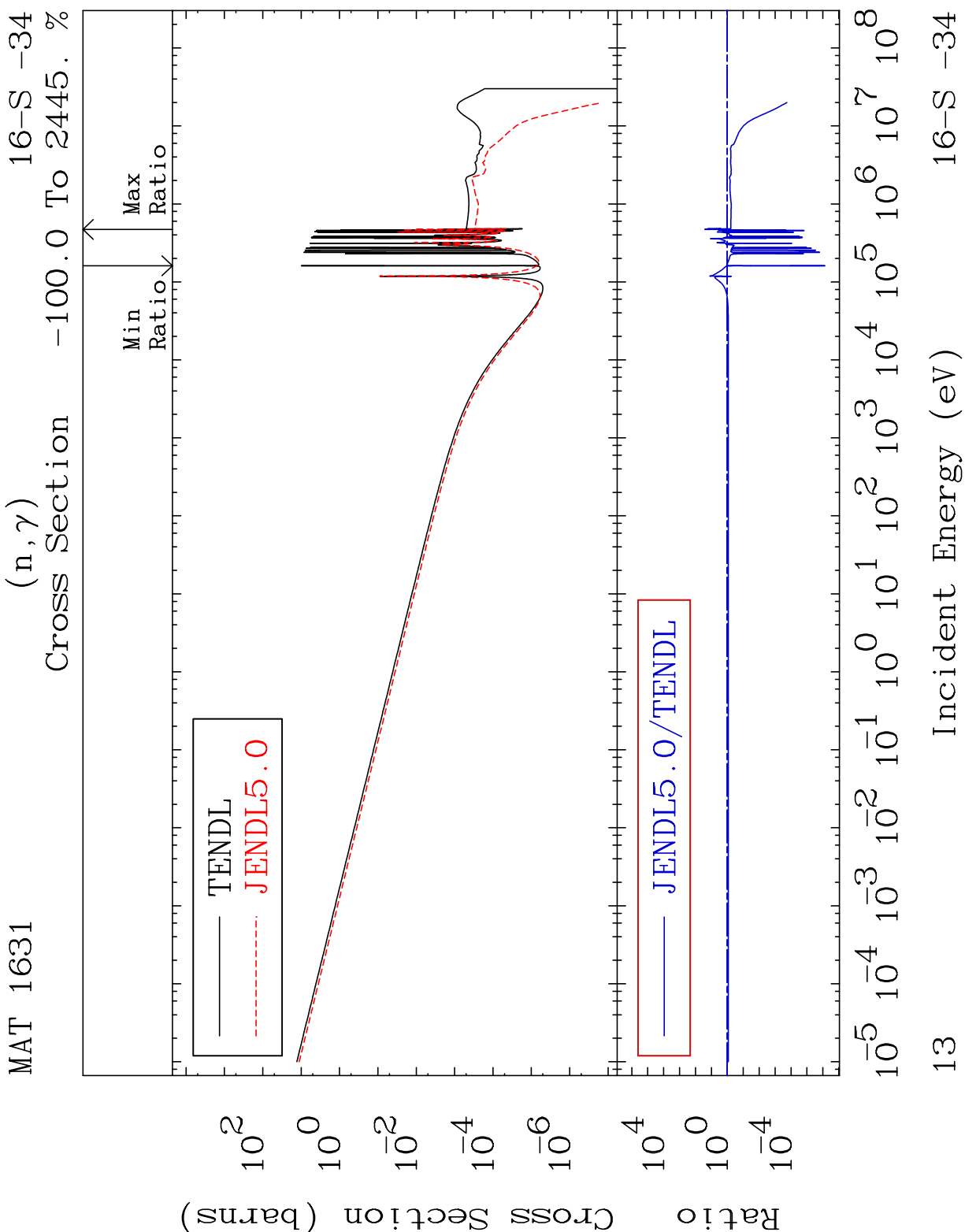
(n,n') Continuum 16-S -34
Cross Section -22.69 To 9999. %

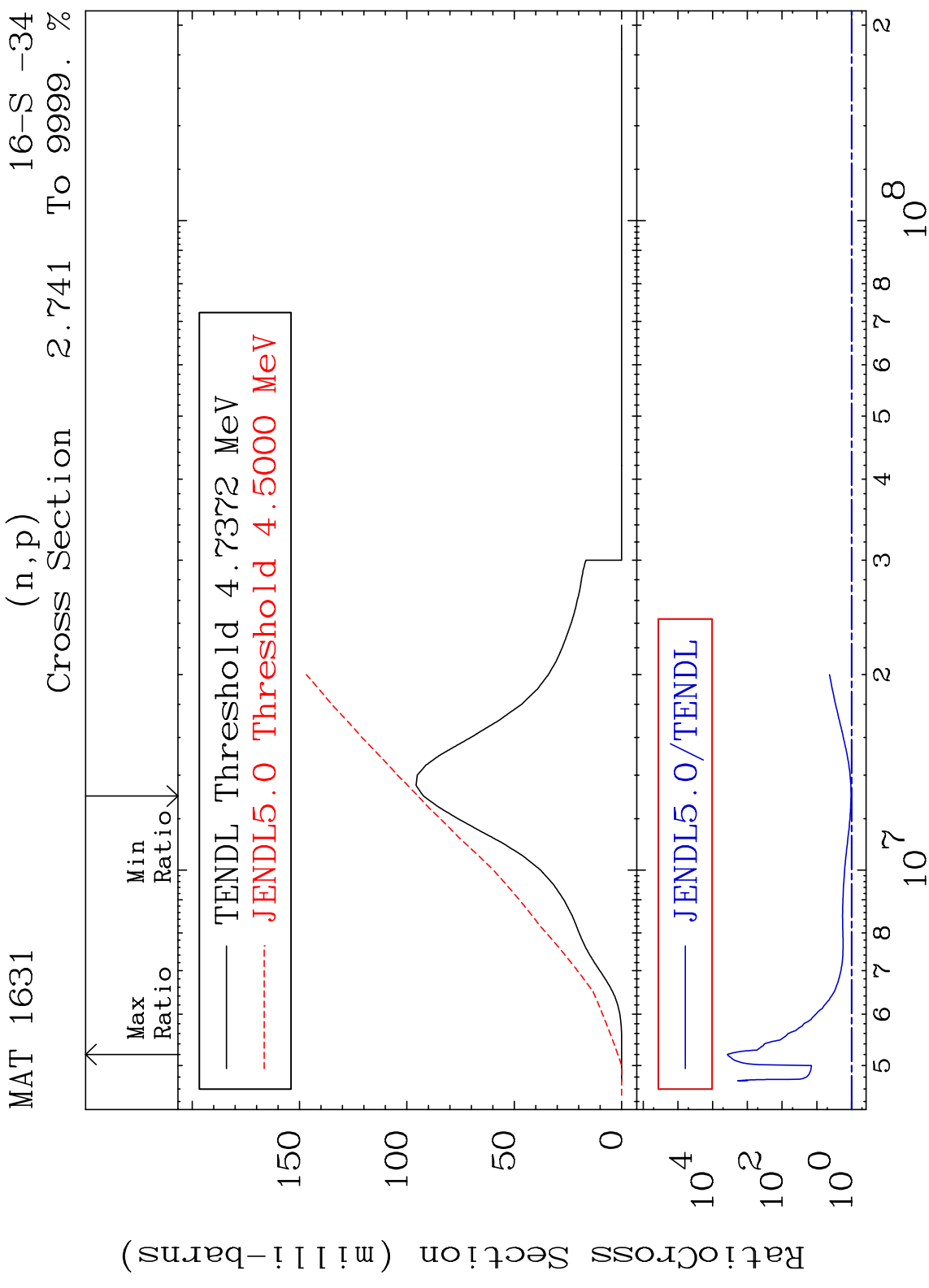


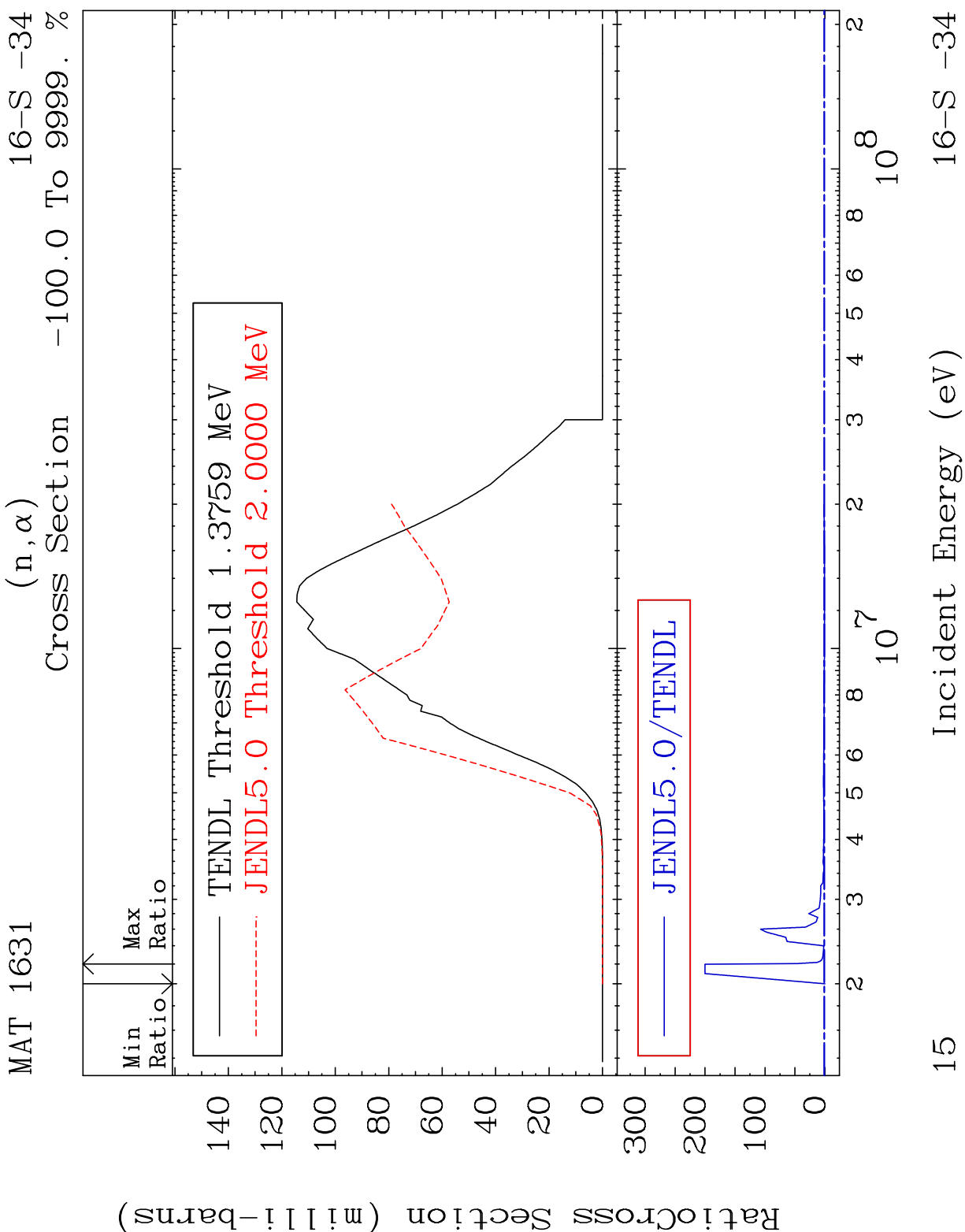
12

Incident Energy (eV)

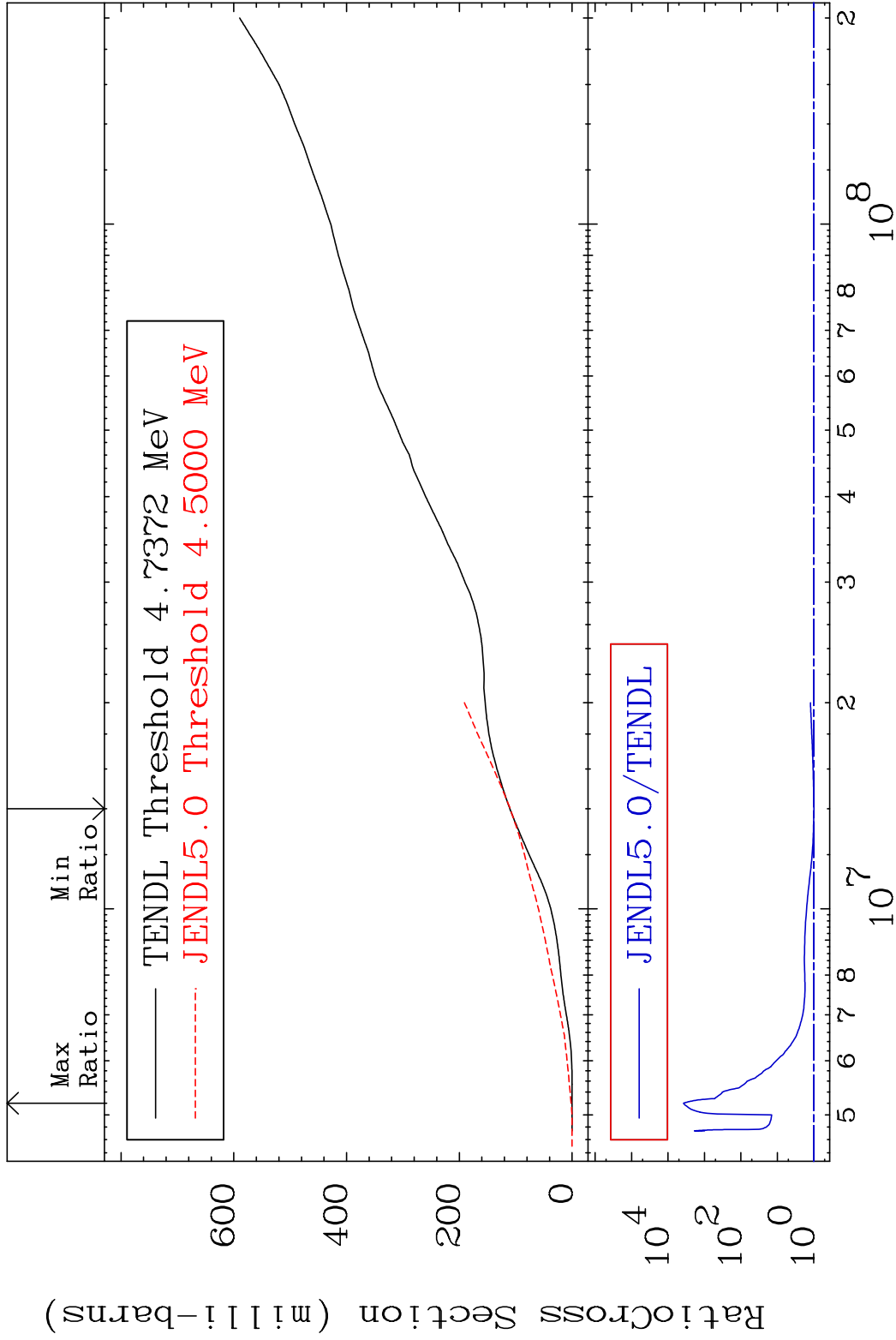
16-S -34





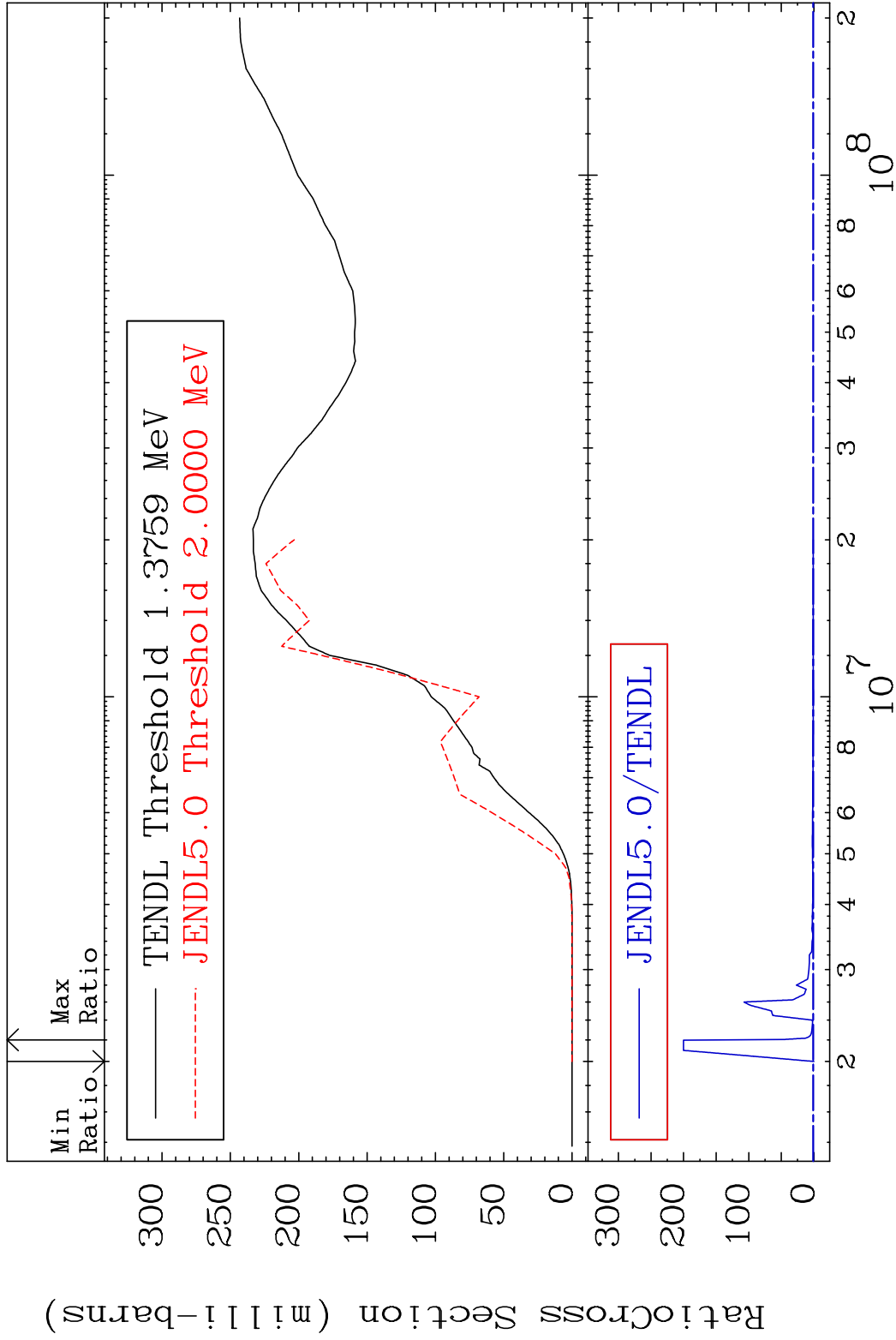


MAT 1631 Hydrogen Production 16-S -34
 Cross Section -0.653 To 9999. %



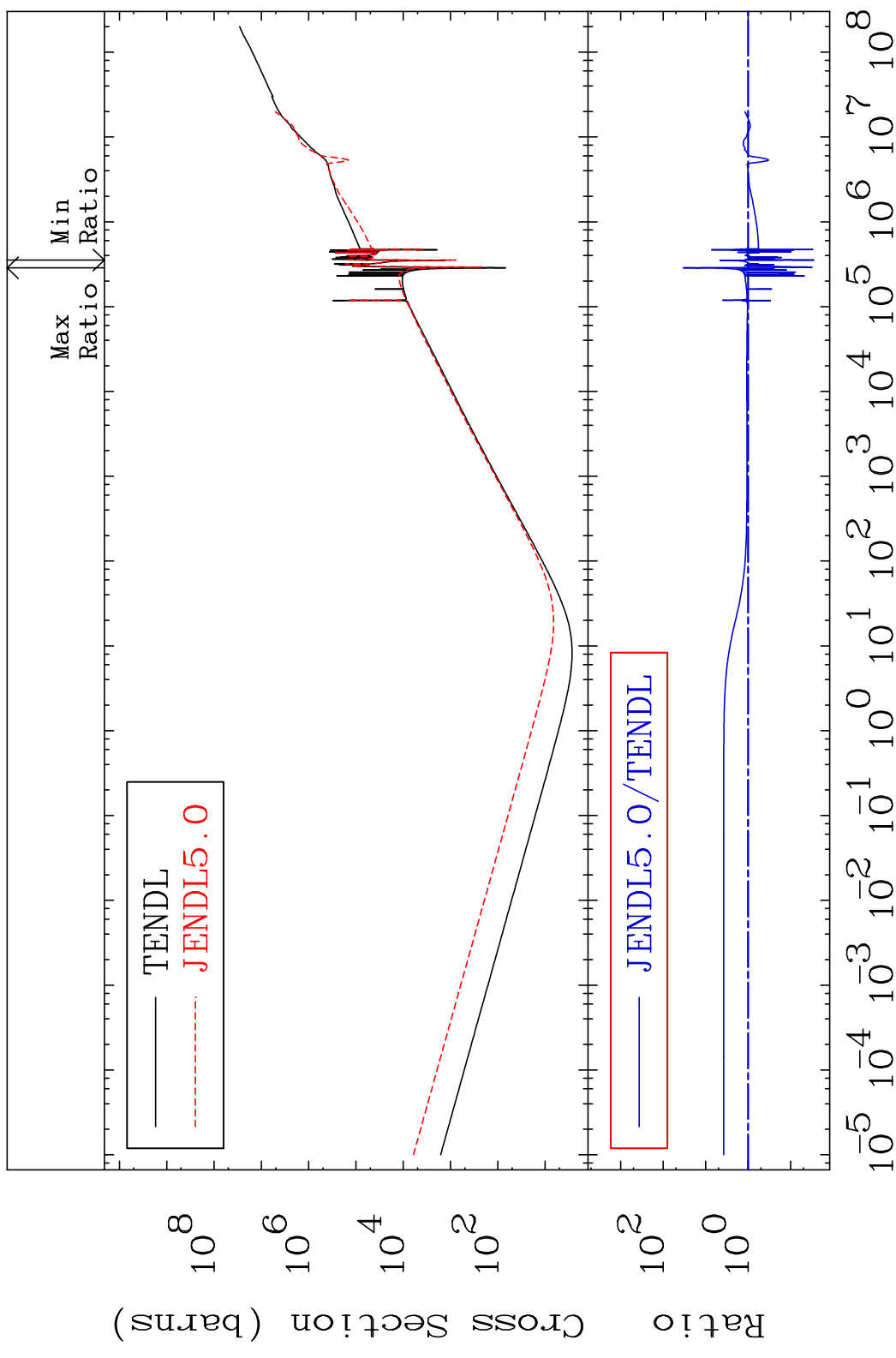
16 16-S -34

MAT 1631 He-4 Production 16-S -34
 Cross Section -100.0 To 9999. %



17 16-S -34

MAT 1631 Kerma total (eV-barns) 16-S -34
 Cross Section -97.17 To 3218. %

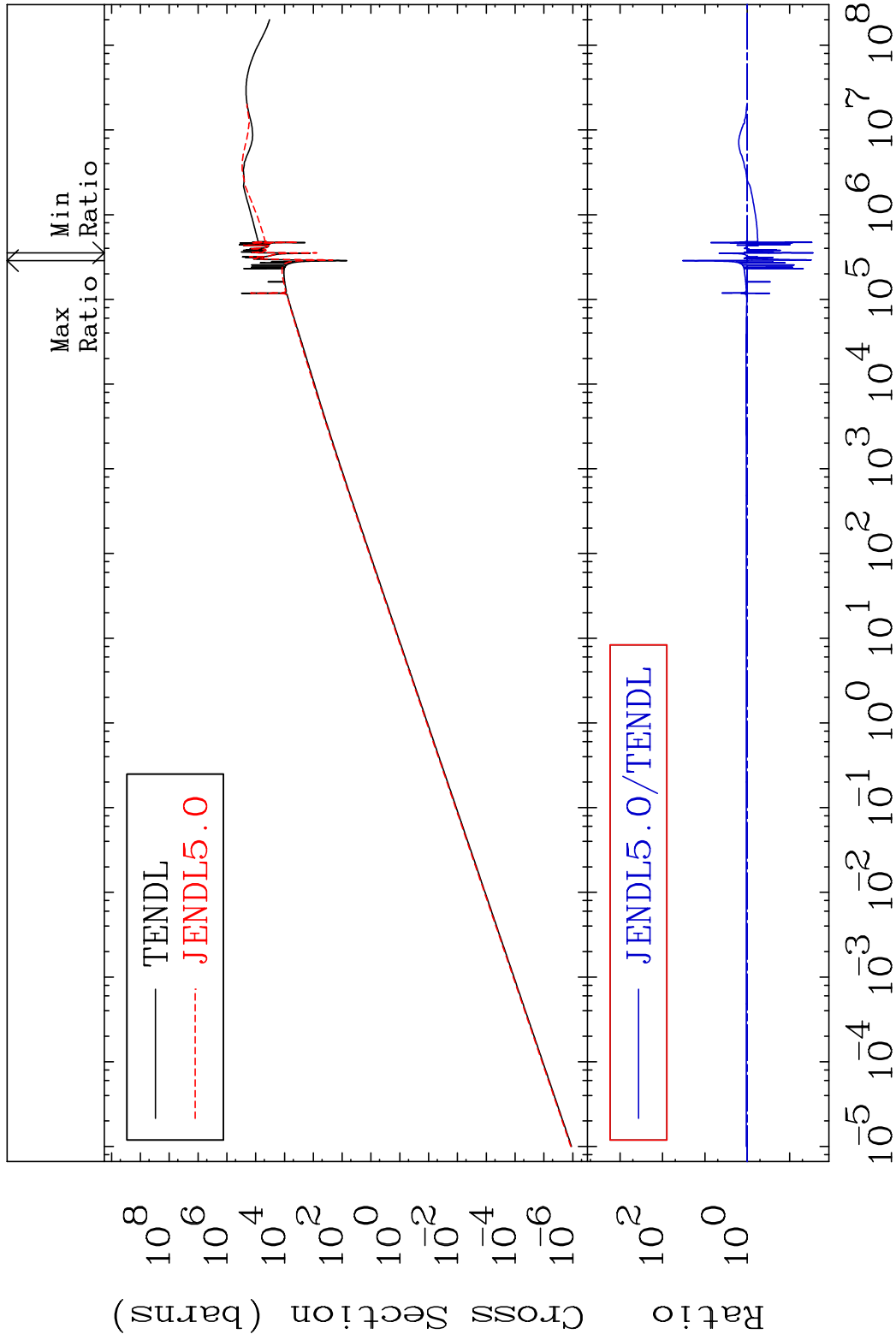


18 Incident Energy (eV) 16-S -34

MAT 1631

Kerma elastic
Cross Section

16-S -34
-97.20 To 3219. %

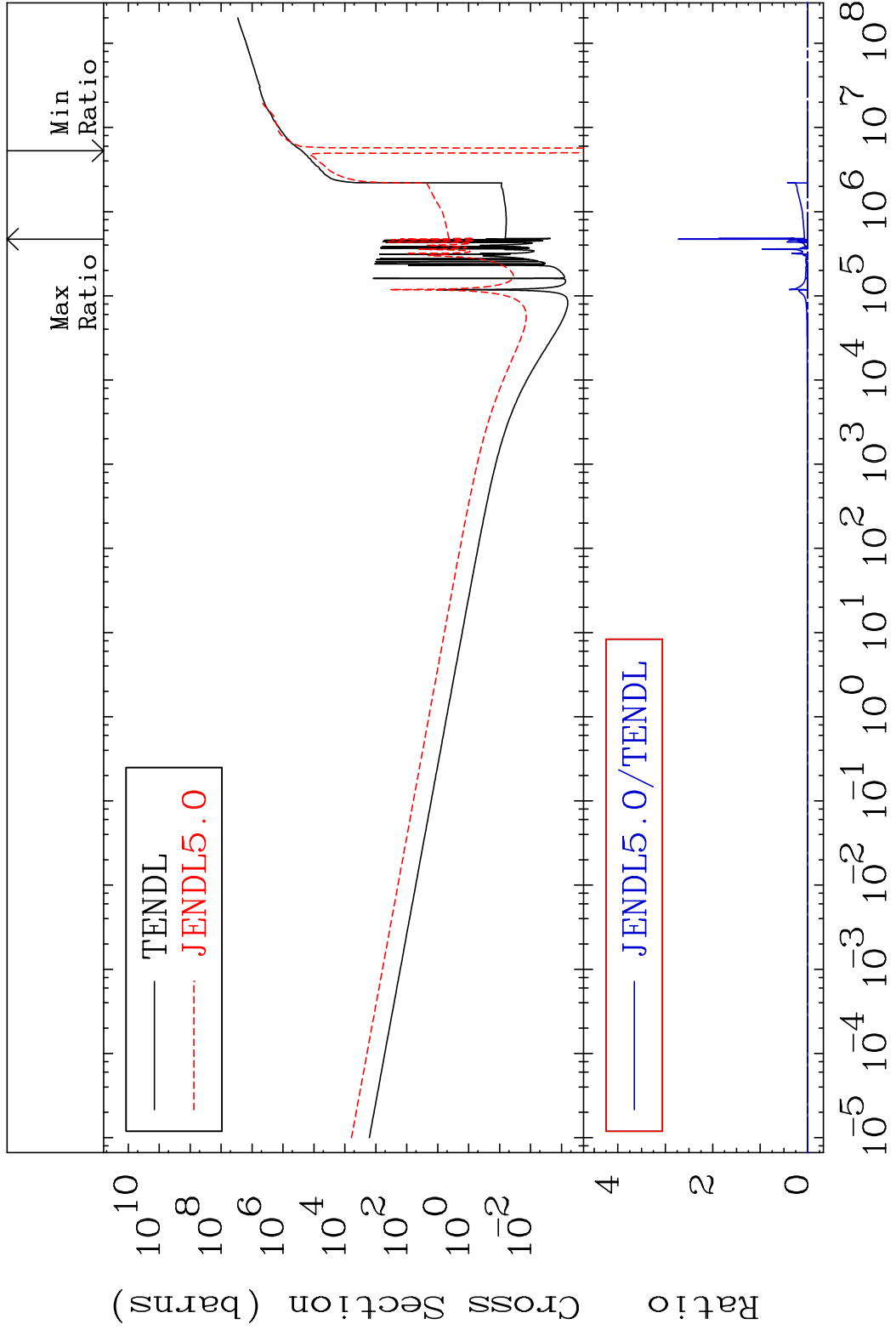


19

Incident Energy (eV)

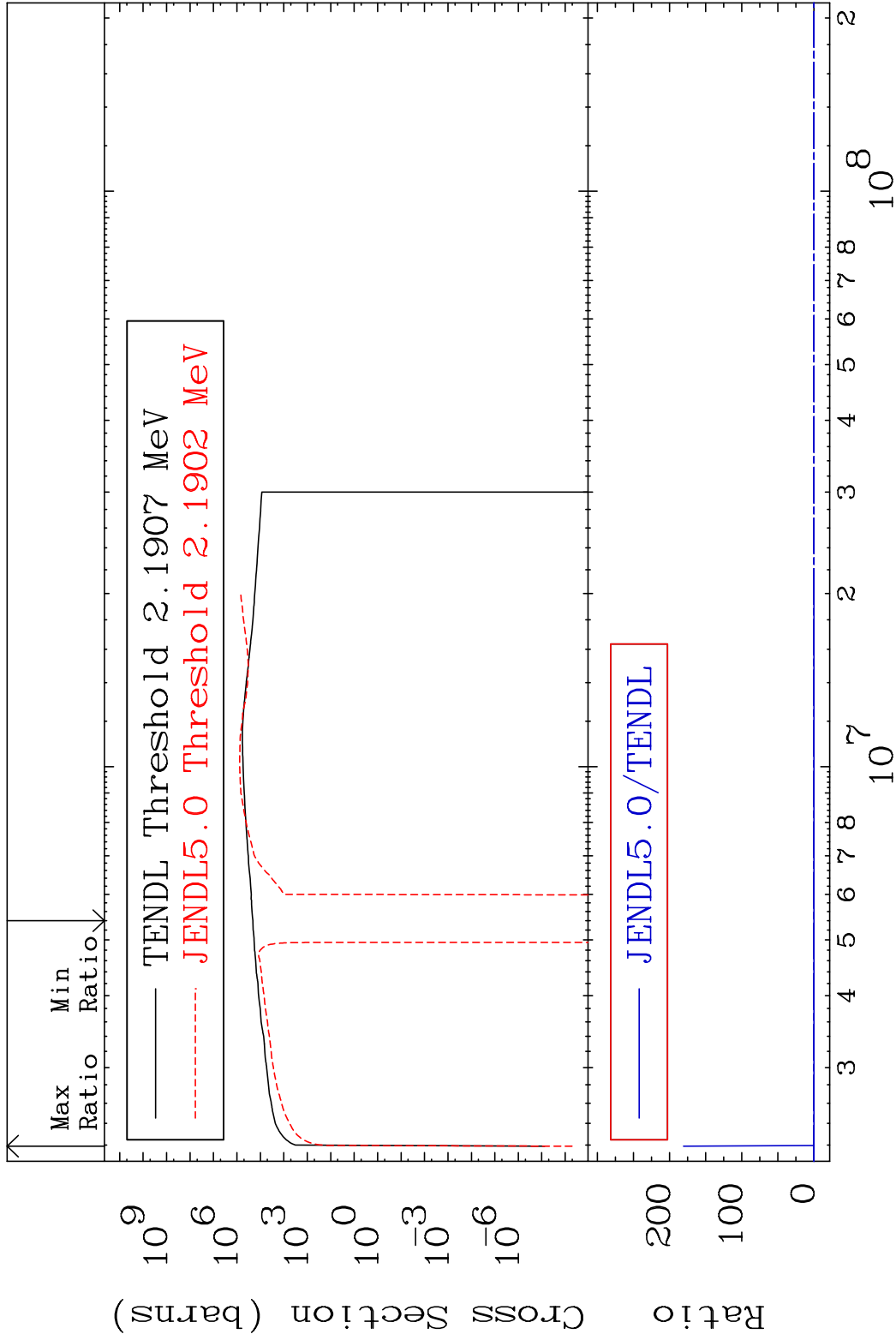
16-S -34

MAT 1631 Kerma non-elastic (all but mt2) 16-S -34
 Cross Section -147.7 To 9999. %



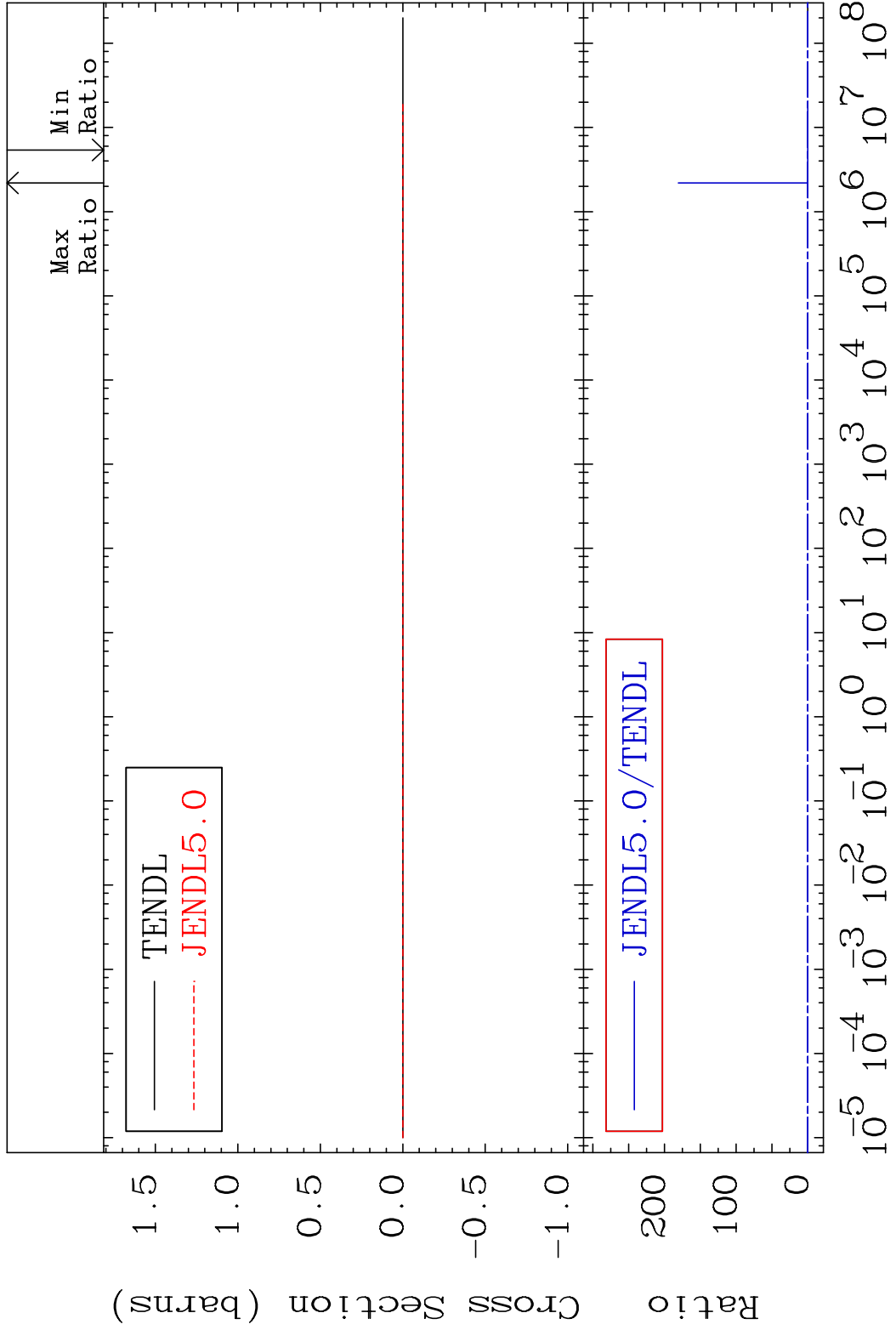
20 Incident Energy (eV) 16-S -34

MAT 1631 Kerma inelastic (mt51-91) 16-S -34
 Cross Section -215.9 To 9999. %

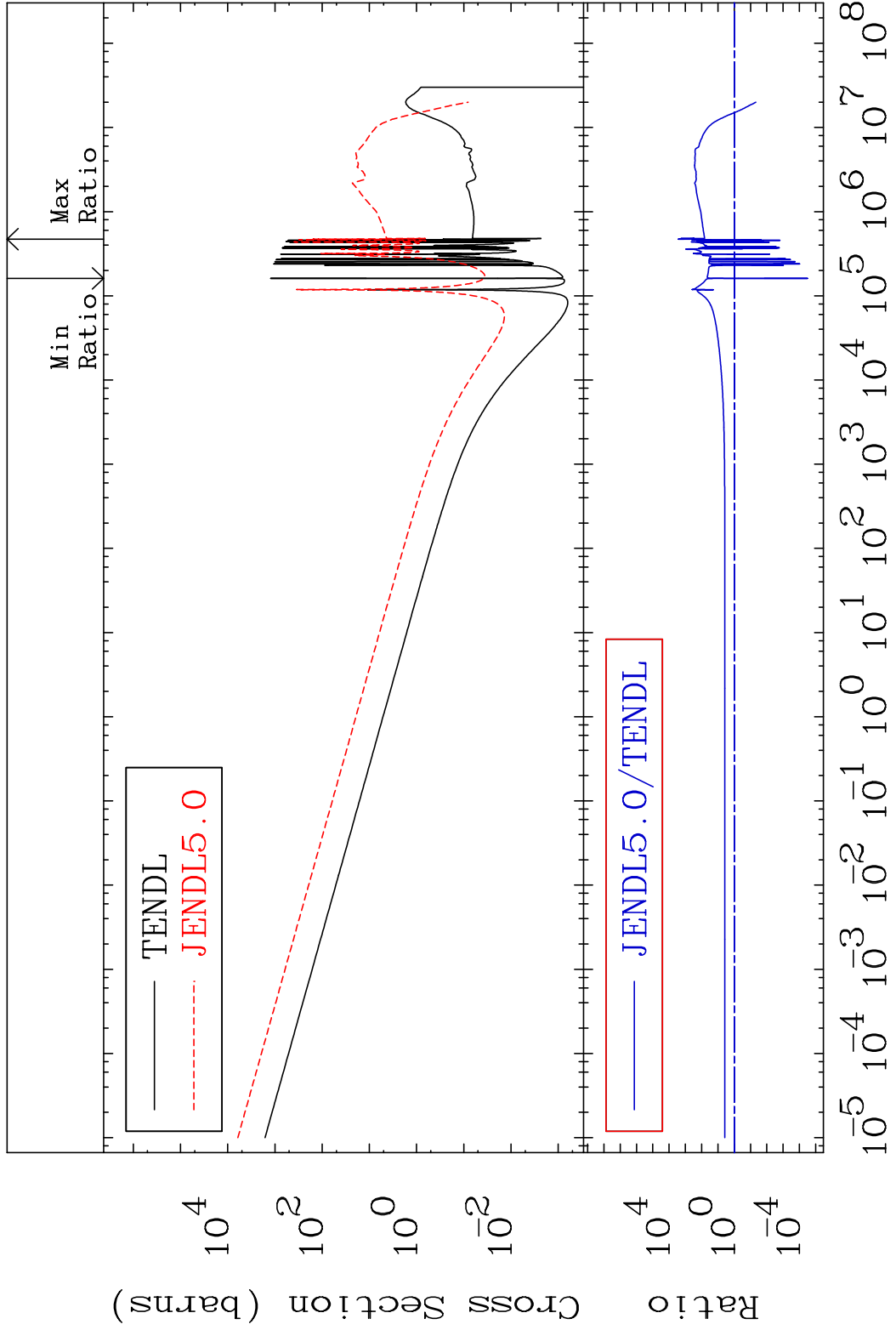


21 Incident Energy (eV) 16-S -34

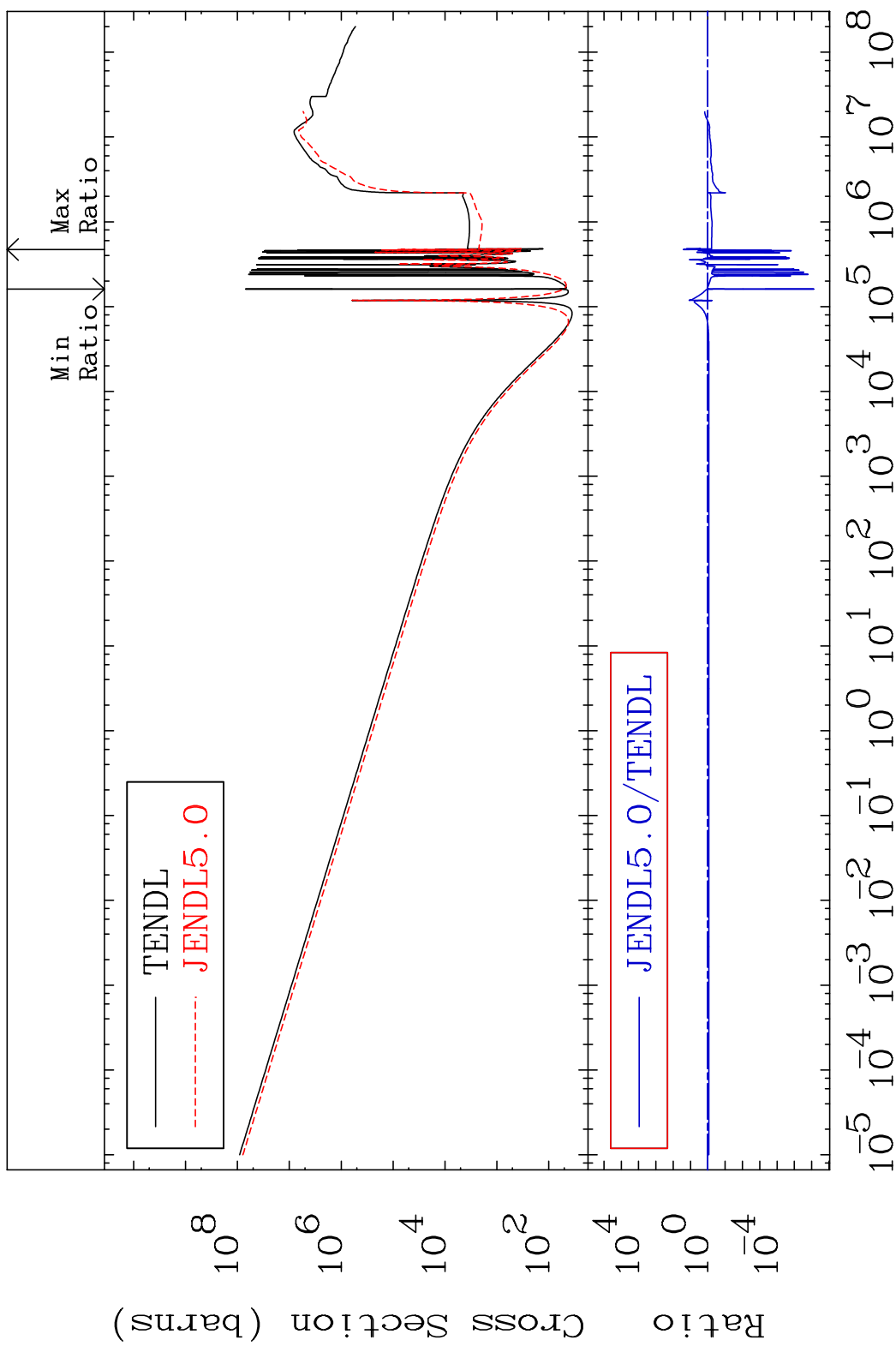
MAT 1631 Kerma fission (mt18 or mt19-20-21-38) 16-S -34
 Cross Section -215.9 To 9999. %



MAT 1631 Kerma capture (mt102) 16-S -34
 Cross Section -100.0 To 9999. %

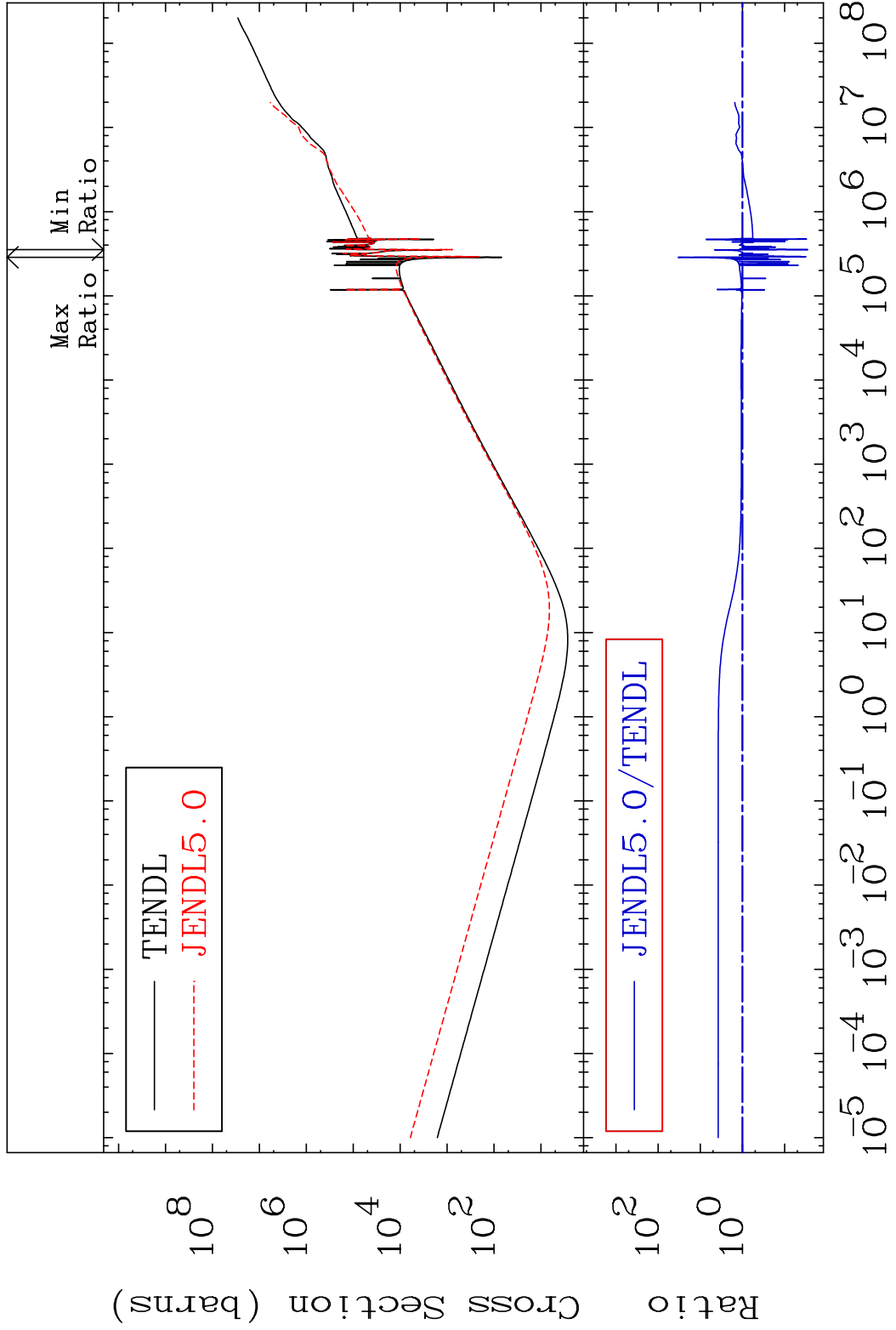


MAT 1631 Total photon (eV-barns) 16-S -34
 Cross Section -100.0 To 2450. %

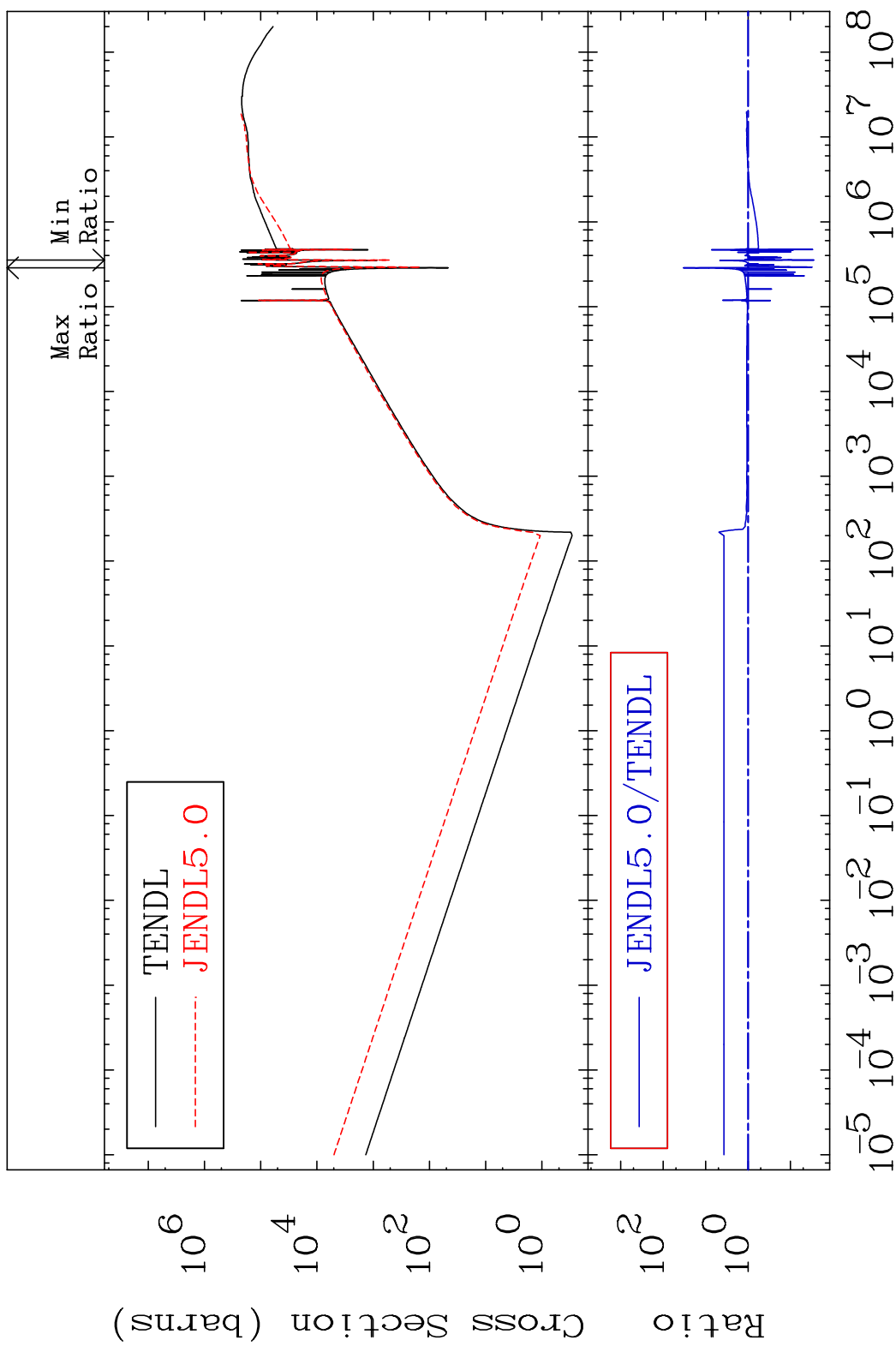


24 Incident Energy (eV) 16-S -34

MAT 1631 Total kinematic kerma (high limit) 16-S -34
 Cross Section -97.17 To 3218. %

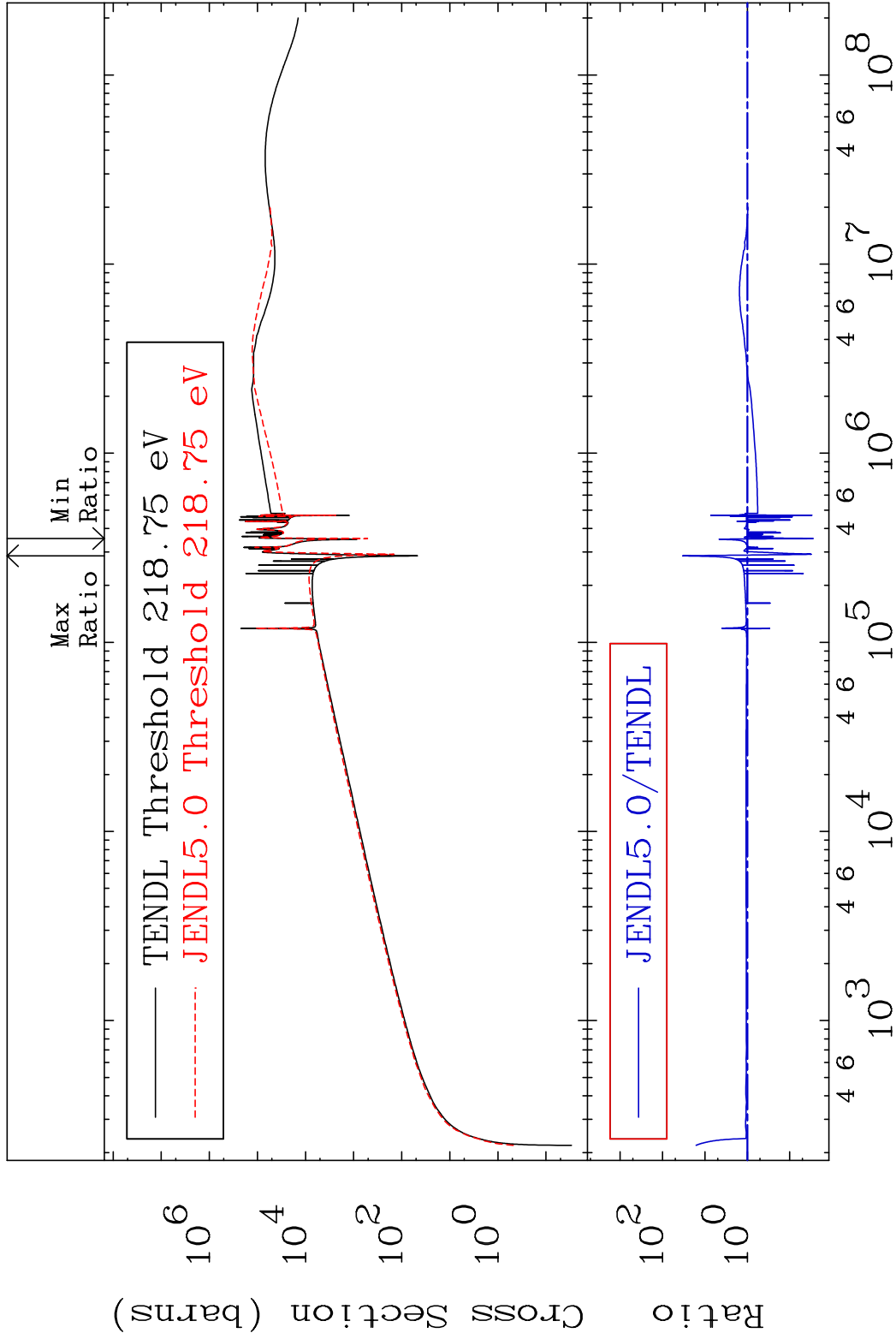


MAT 1631 Dpa total (eV-barns) 16-S -34
 Cross Section -97.19 To 3223. %

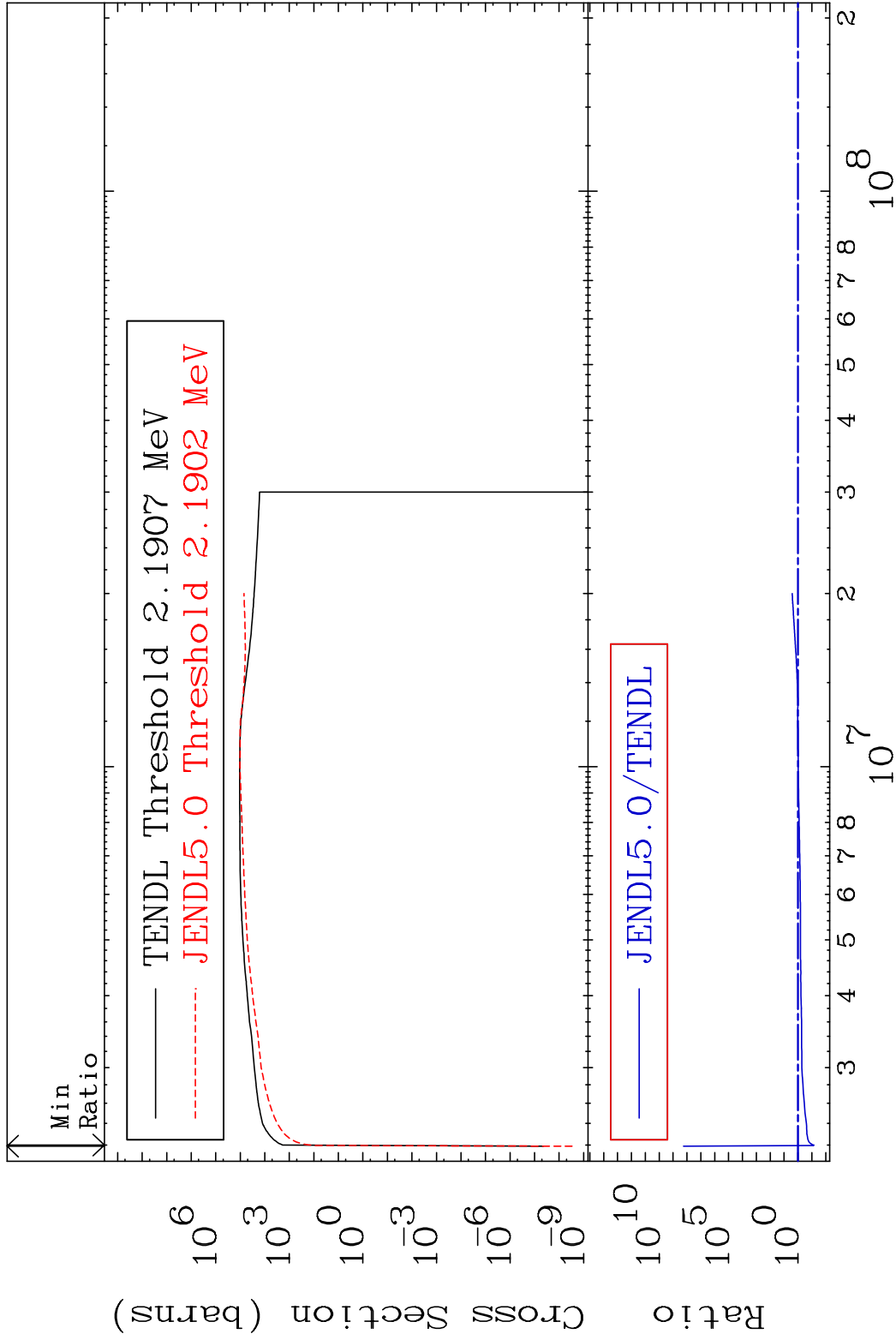


26 Incident Energy (eV) 16-S -34

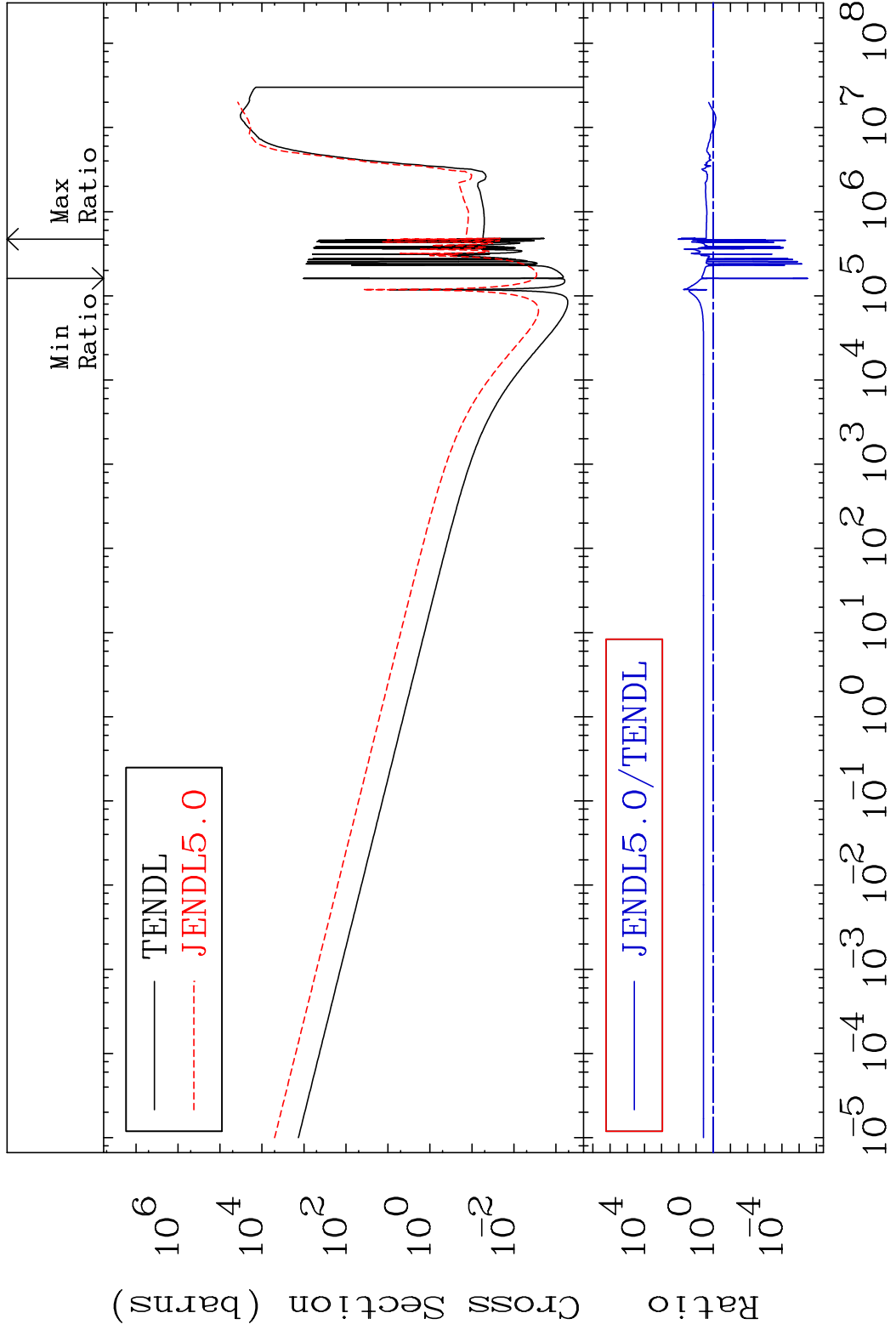
MAT 1631 Dpa elastic (mt2) 16-S -34
 Cross Section -97.19 To 3226. %



MAT 1631 Dpa inelastic (mt51-91) 16-S -34
Cross Section -92.87 To 9999. %

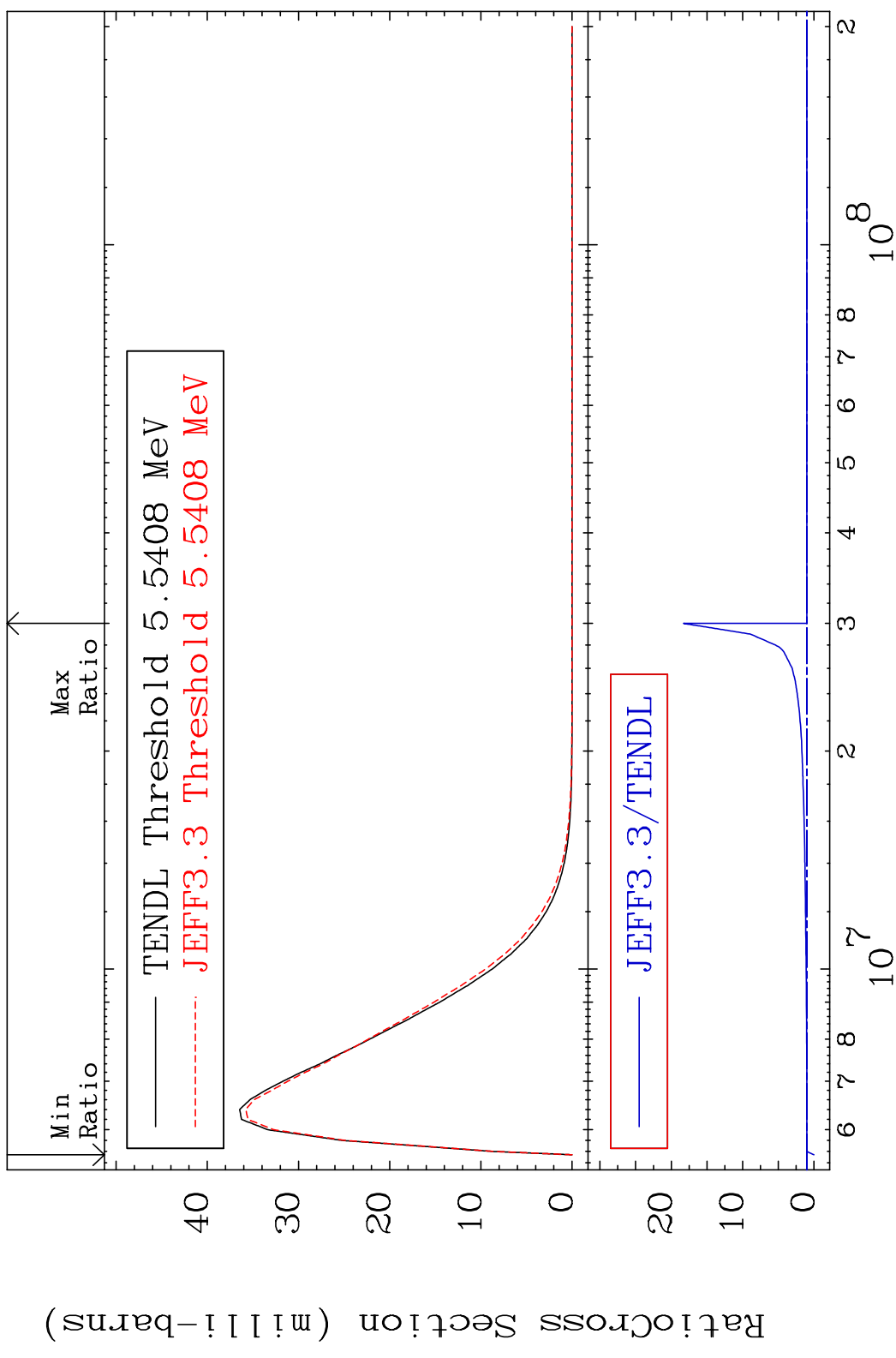


MAT 1631 Dpa disappearance (mt102 -120) 16-S -34
 Cross Section -100.0 To 9999. %



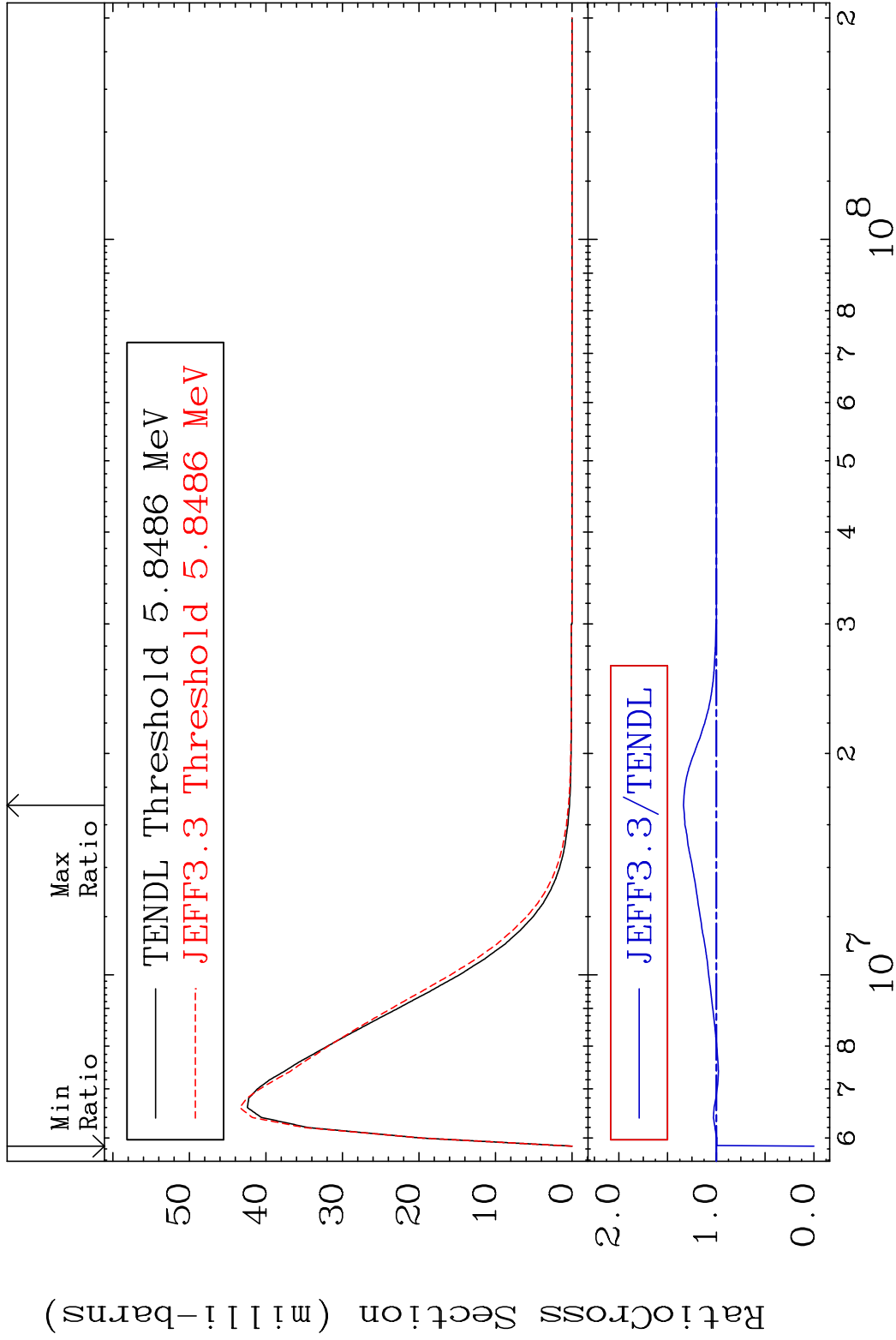
29 Incident Energy (eV) 16-S -34

MAT 1631 MT= 63 (n, n') Level 16-S -34
 Cross Section -100.0 To 1729. %



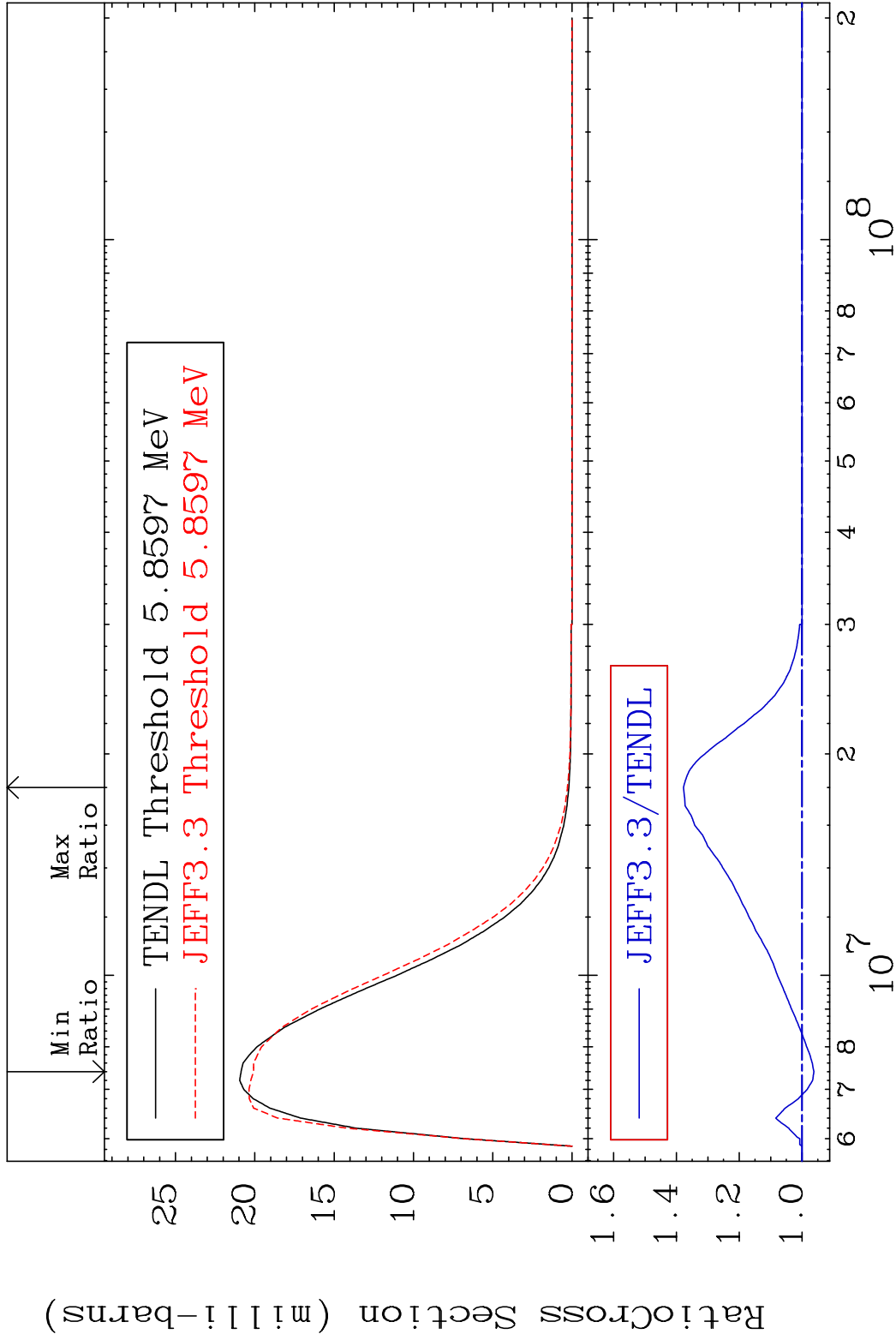
30 16-S -34

MAT 1631 MT= 64 (n, n') Level 16-S -34
 Cross Section -100.0 To 33.72 %

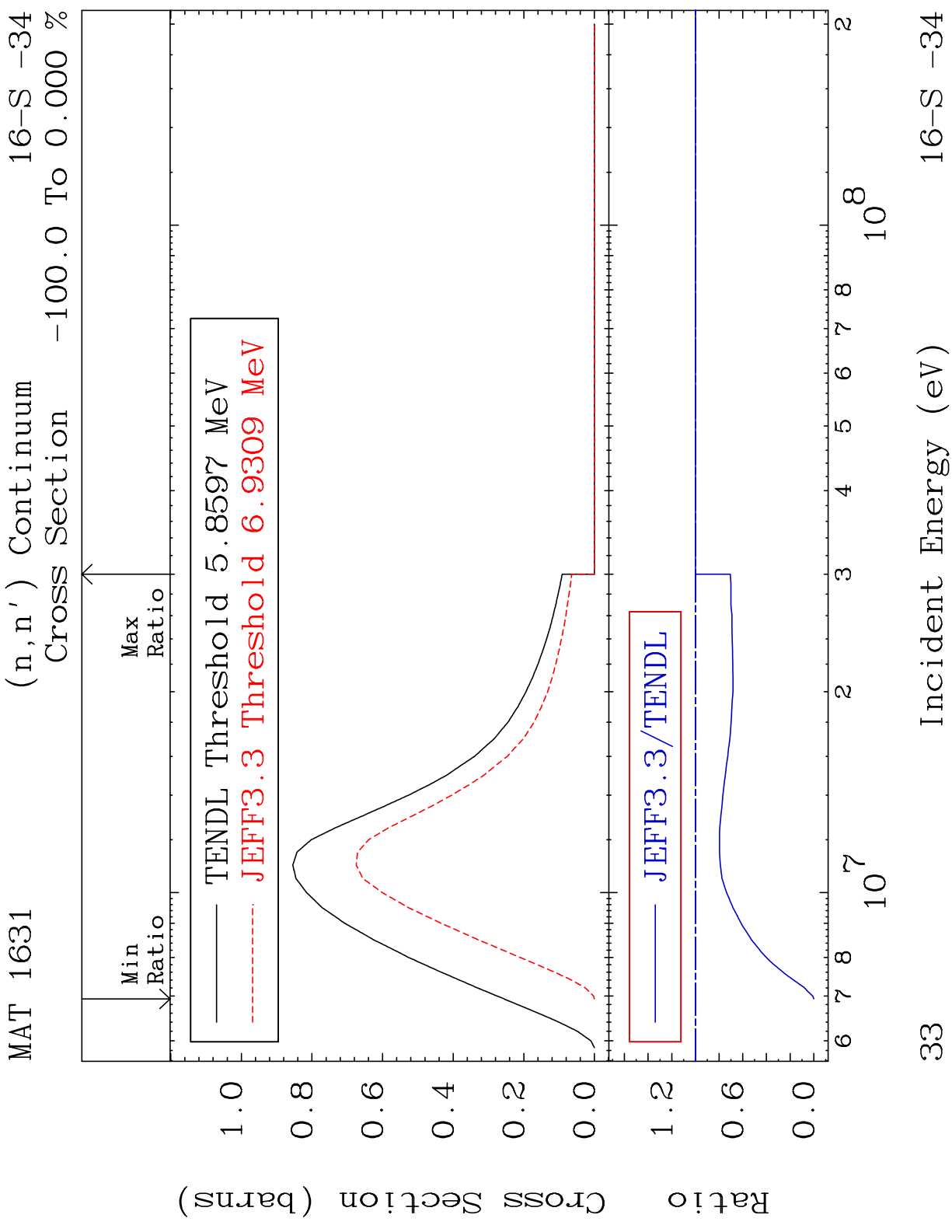


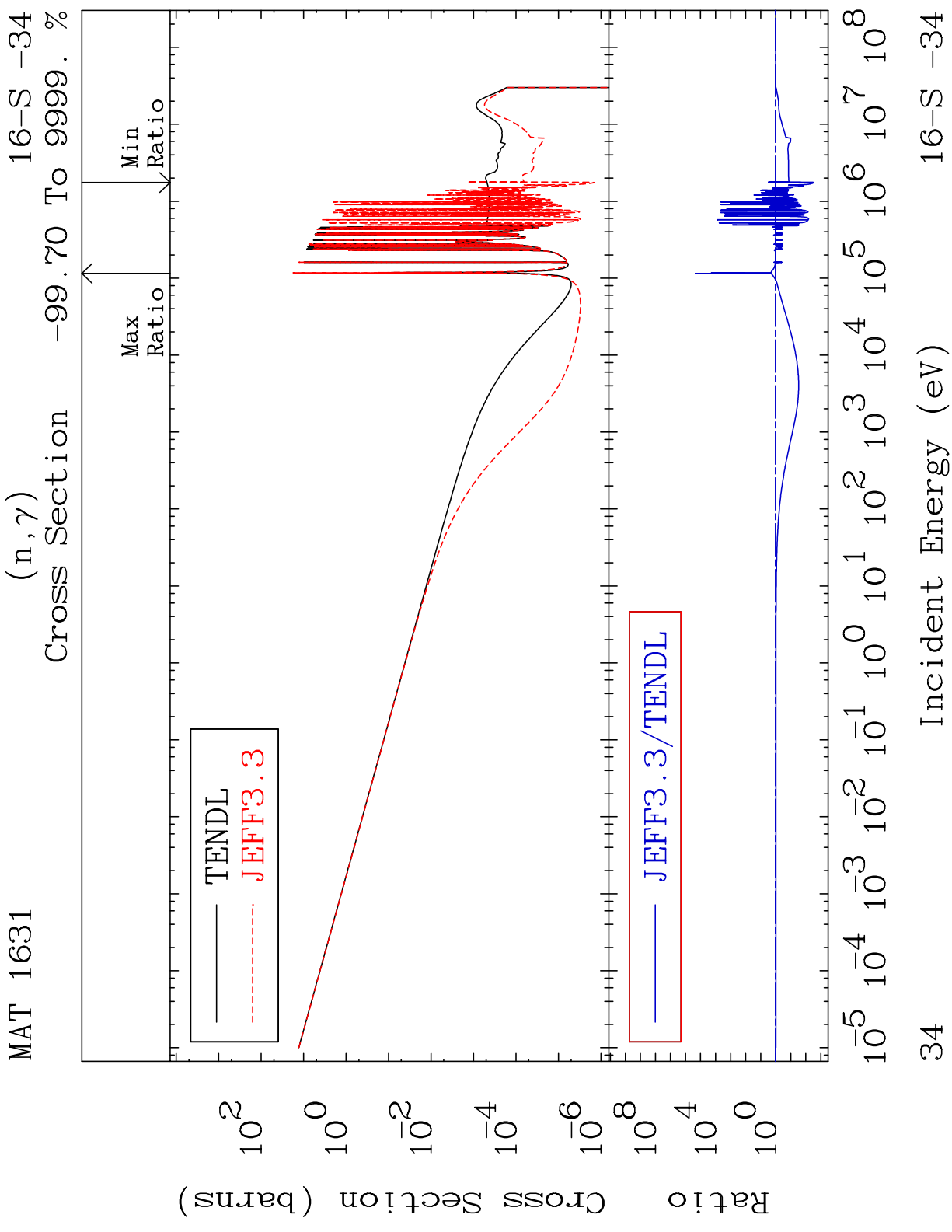
31 Incident Energy (eV) 16-S -34

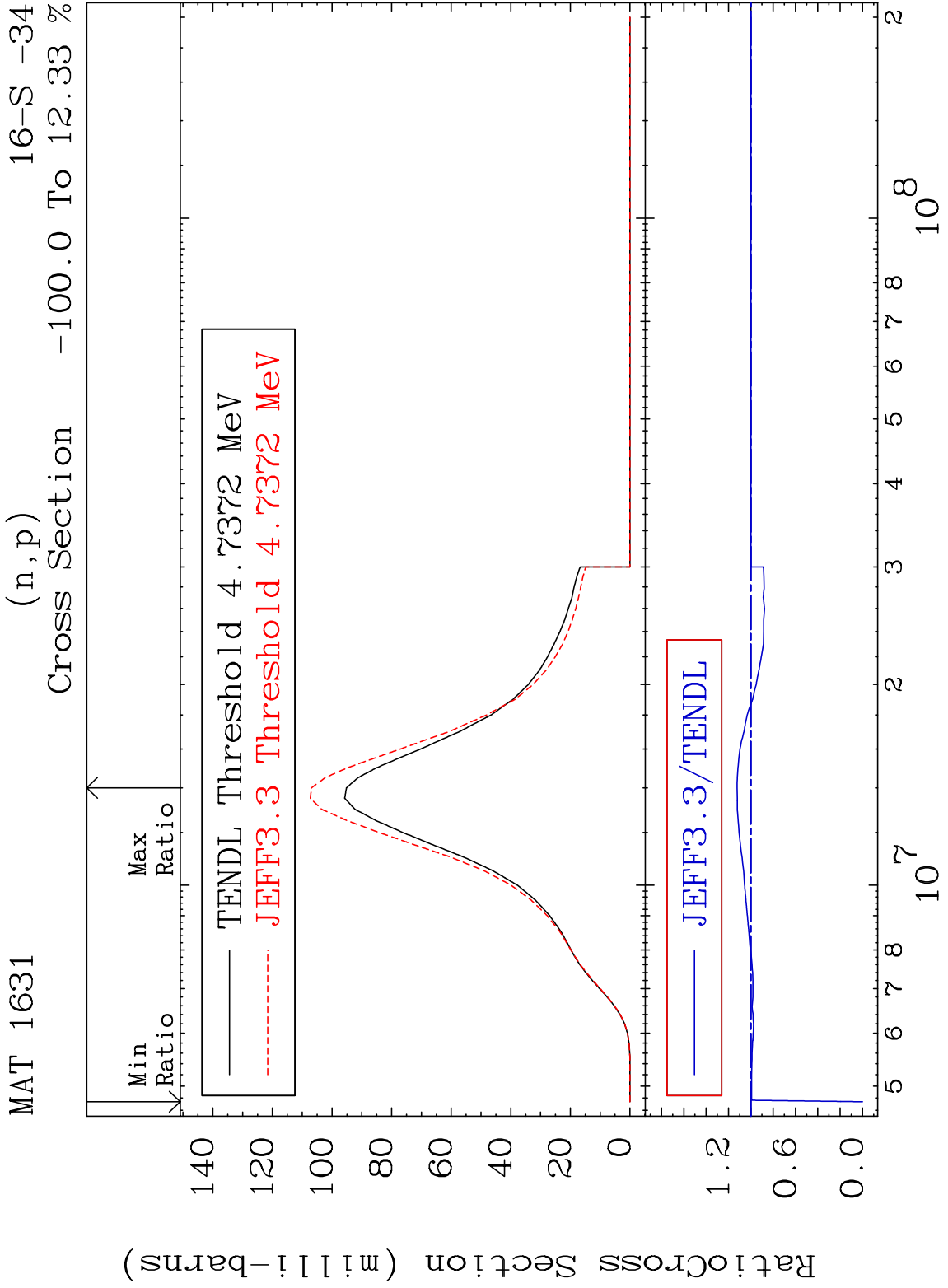
MAT 1631 MT= 65 (n, n') Level 16-S -34
 Cross Section -3.746 To 37.76 %

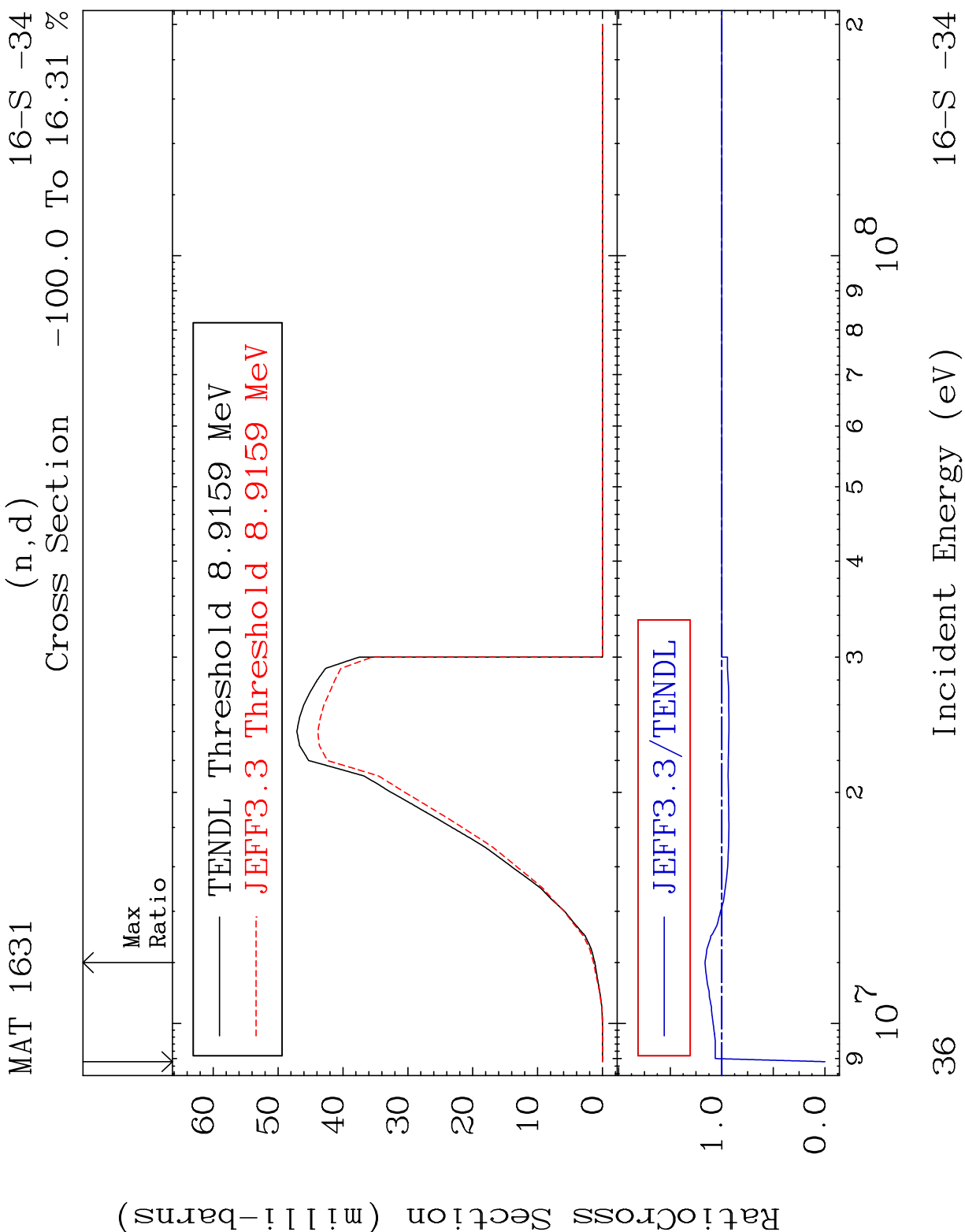


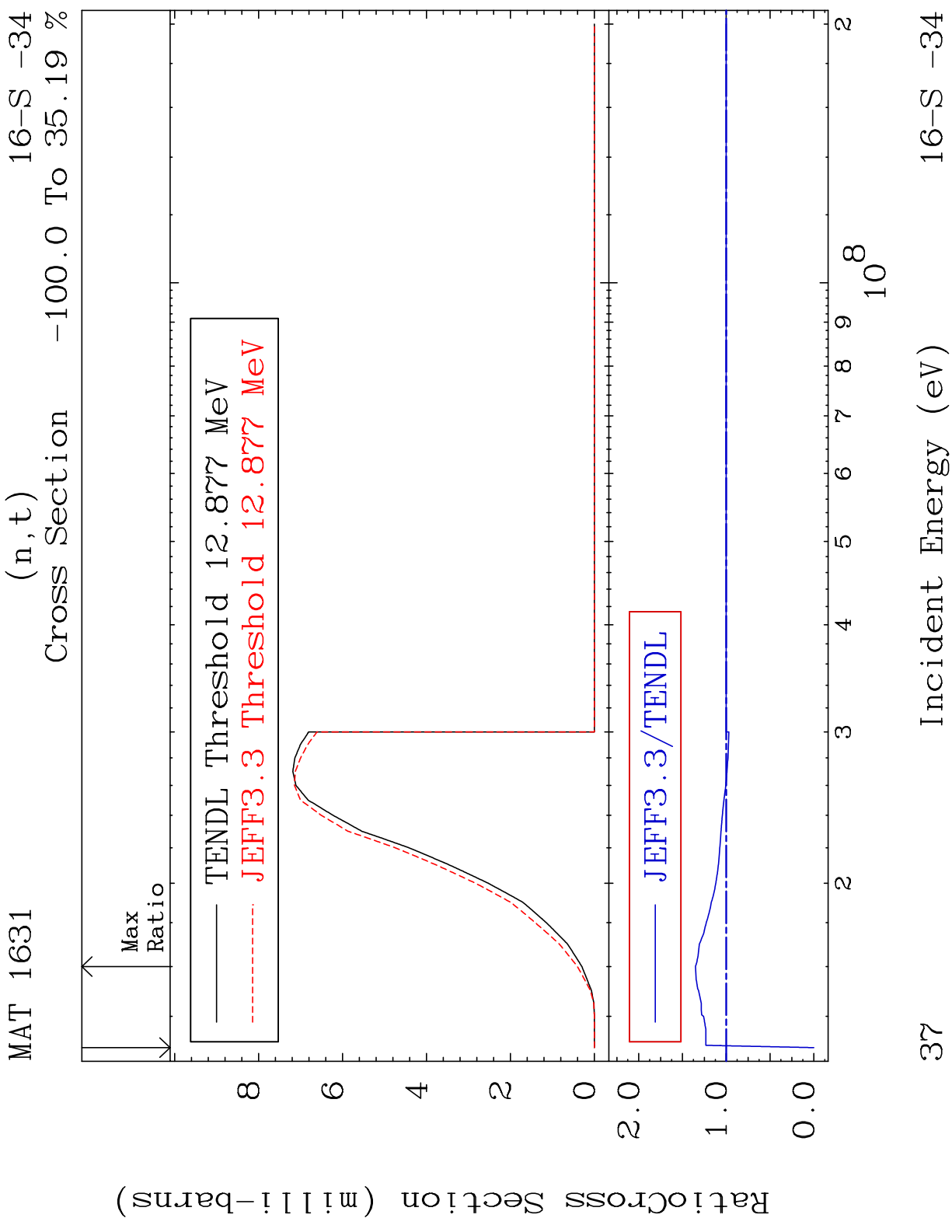
32 Incident Energy (eV) 16-S -34



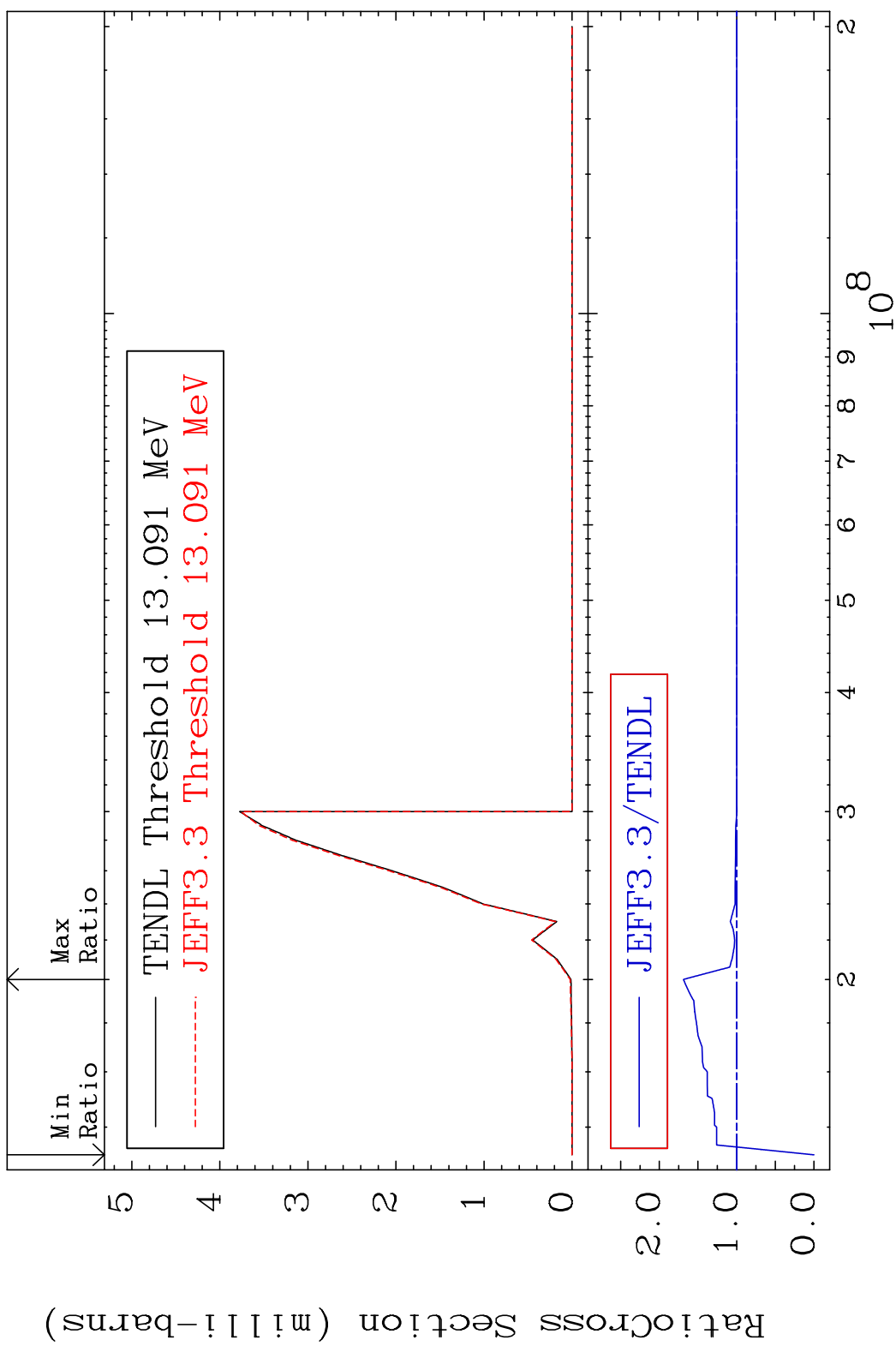


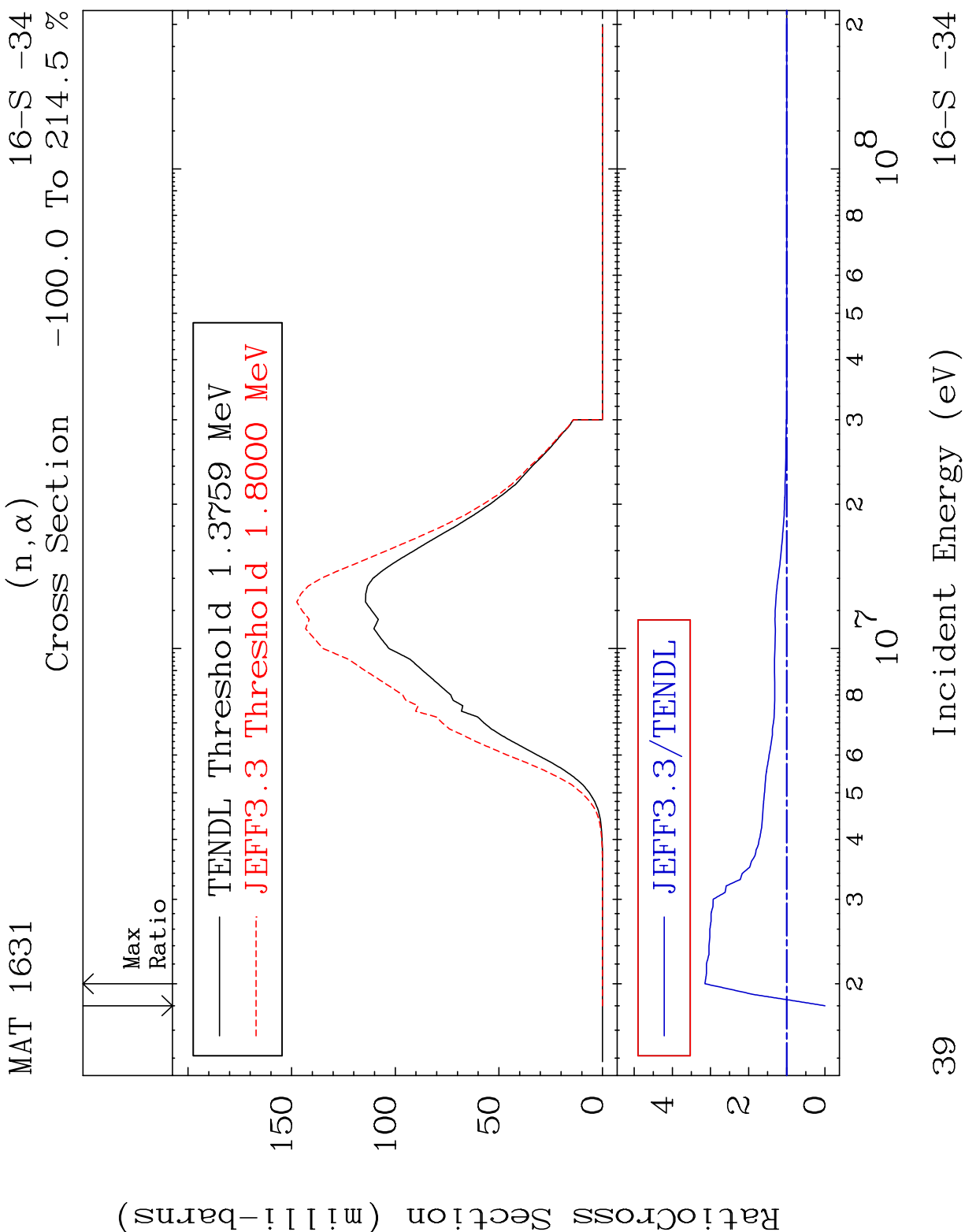


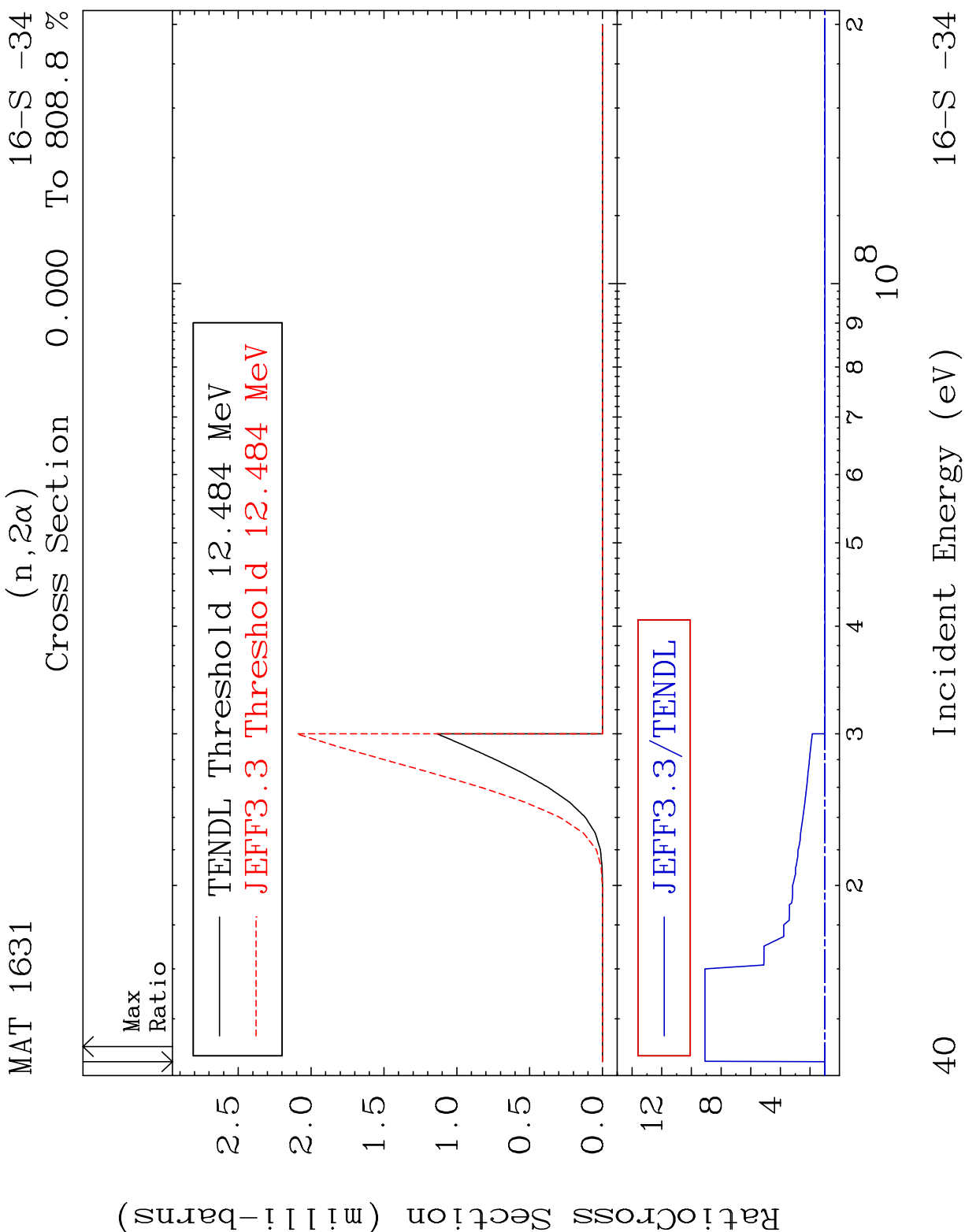




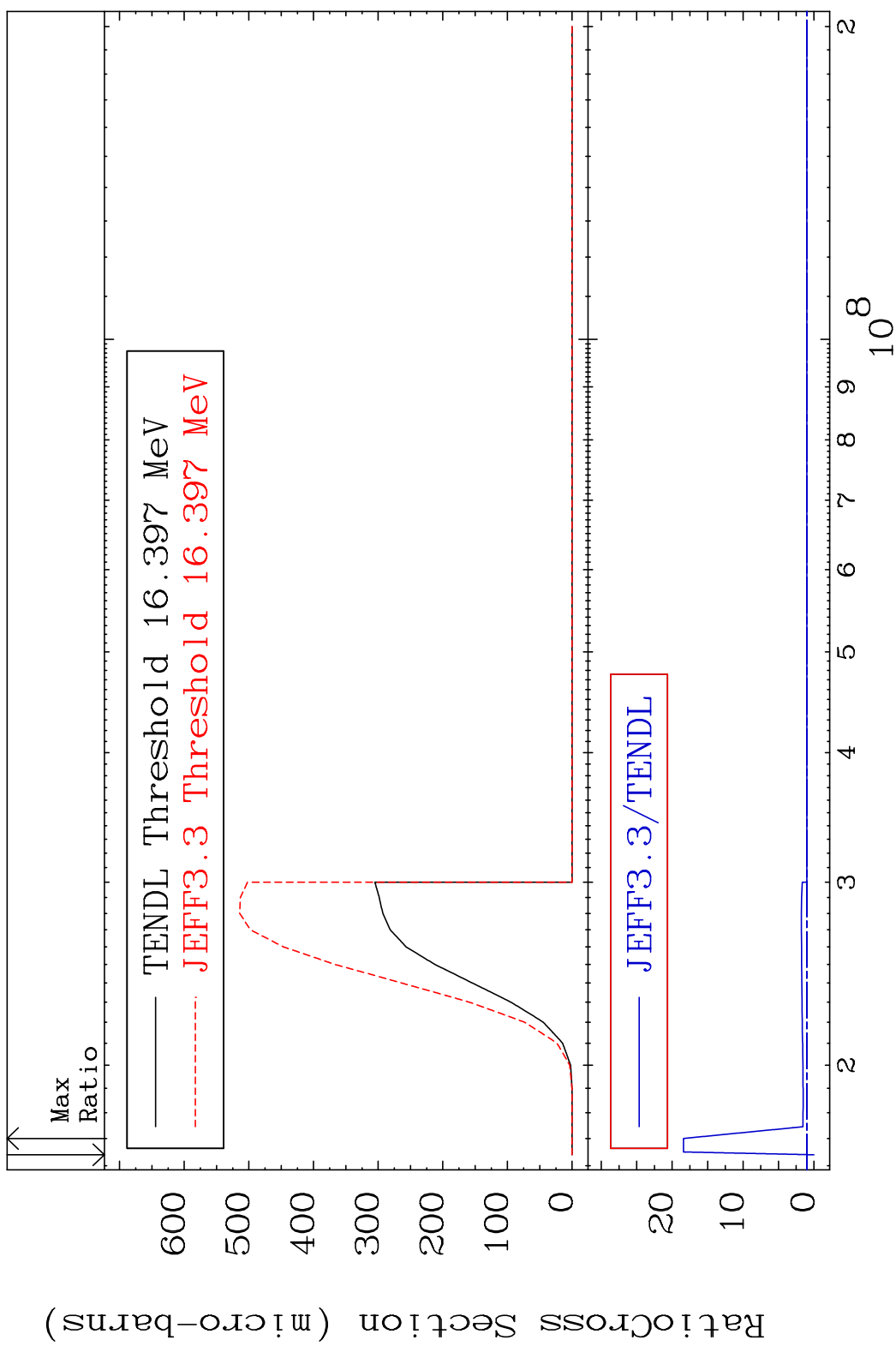
MAT 1631 (n, He-3) 16-S -34
 Cross Section -100.0 To 68.78 %

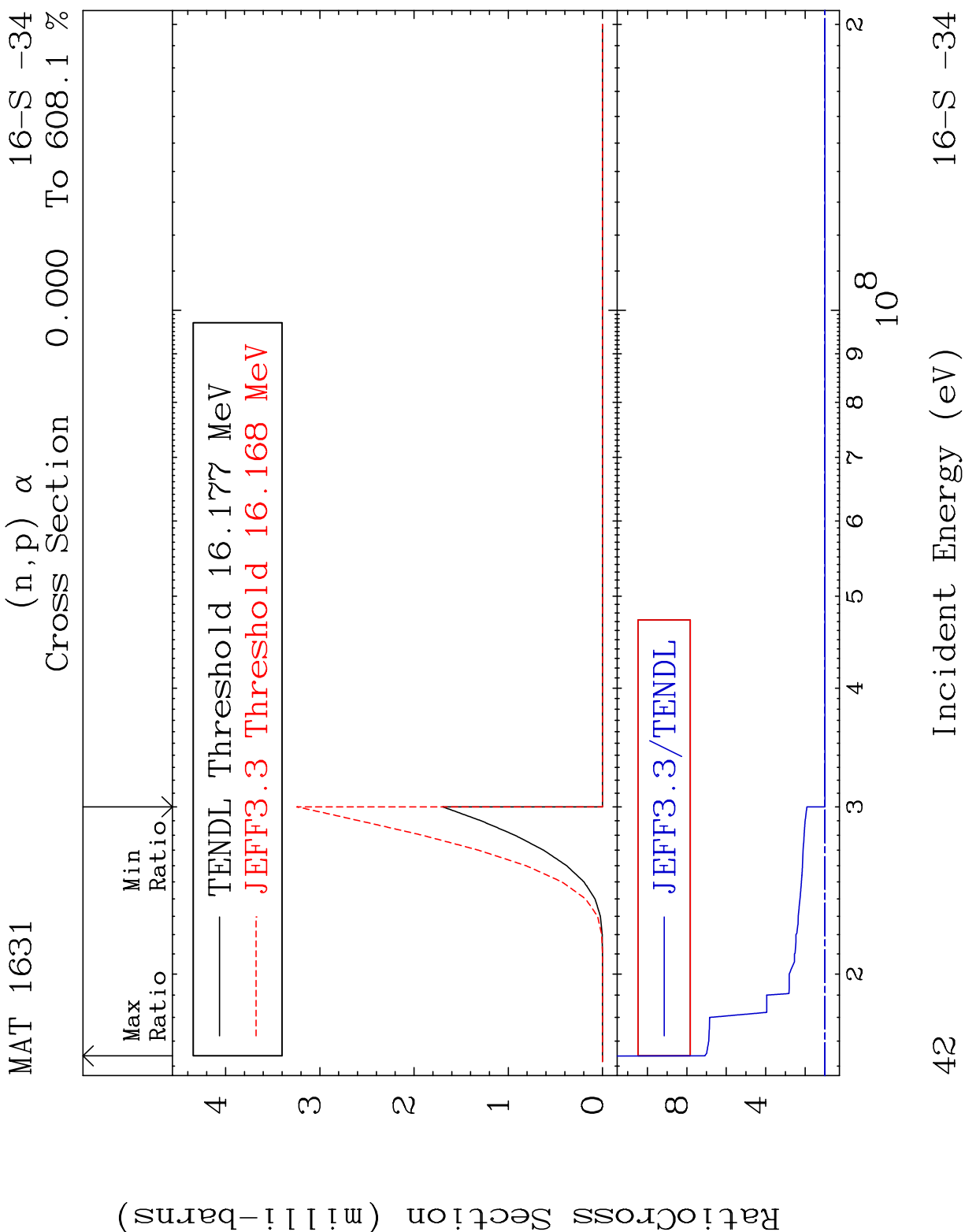






MAT 1631 (n,2p) 16-S -34
 Cross Section -100.0 To 1741. %



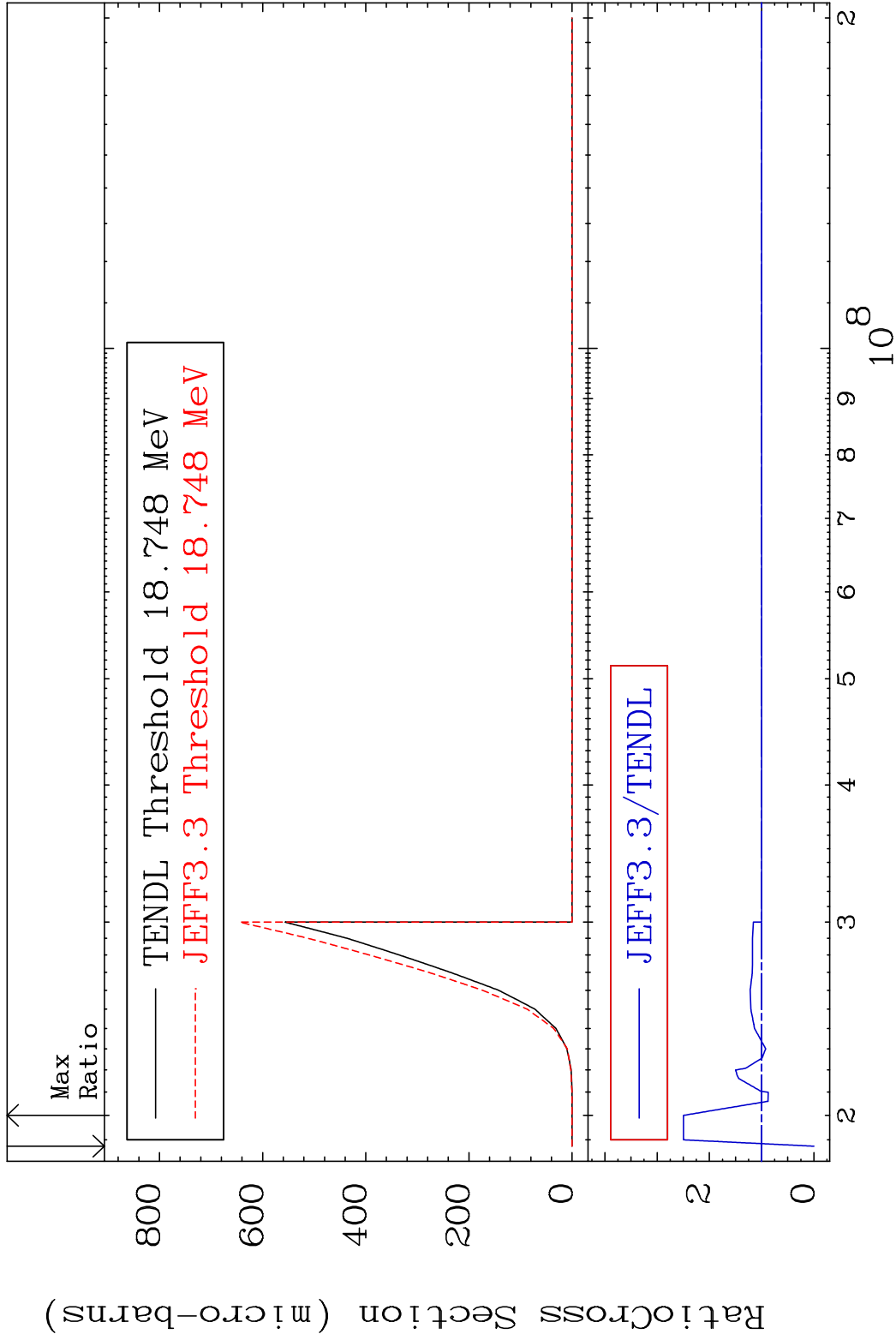


MAT 1631

(n,p) d

16-S -34

Cross Section -100.0 To 149.6 %

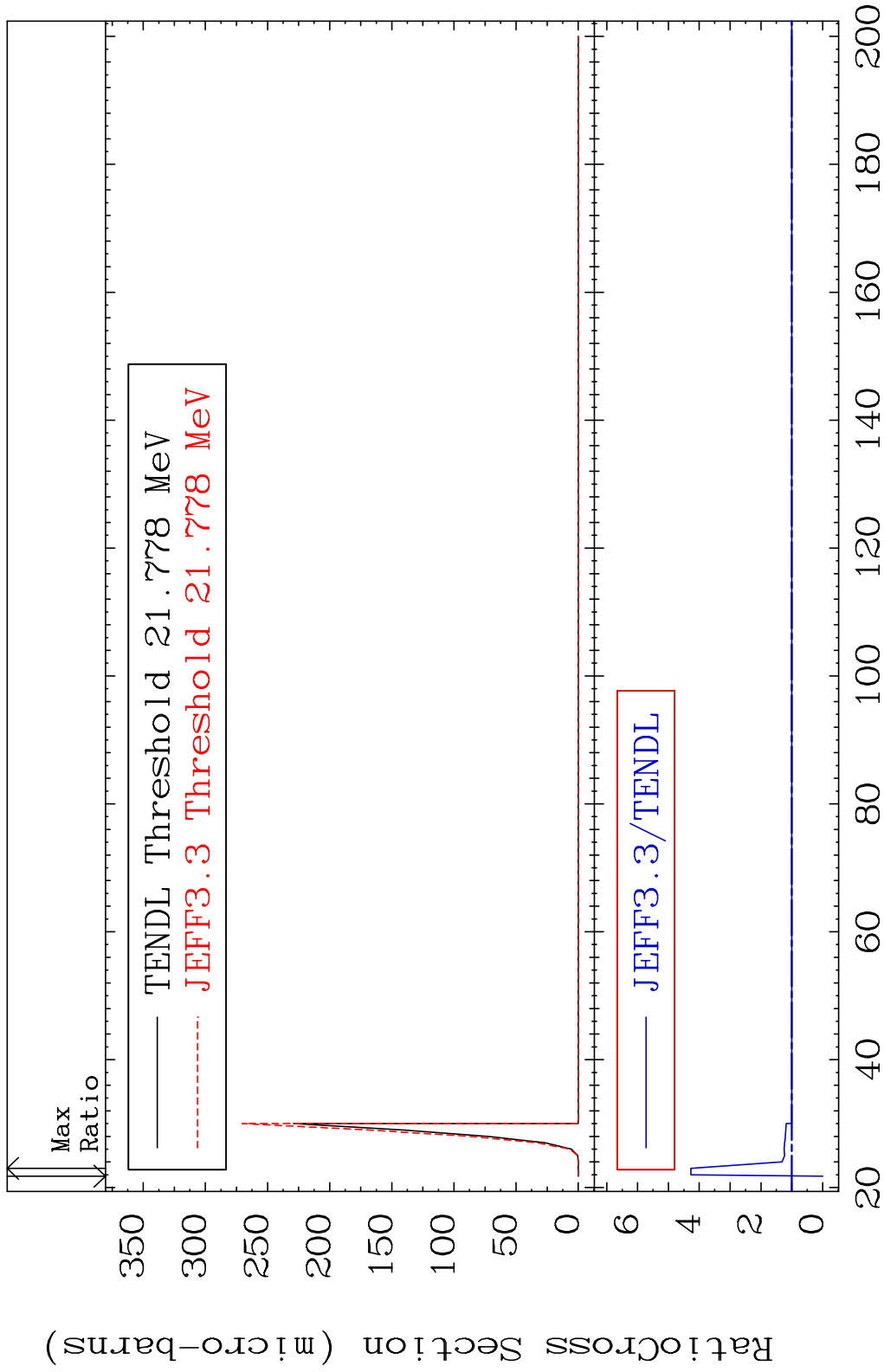


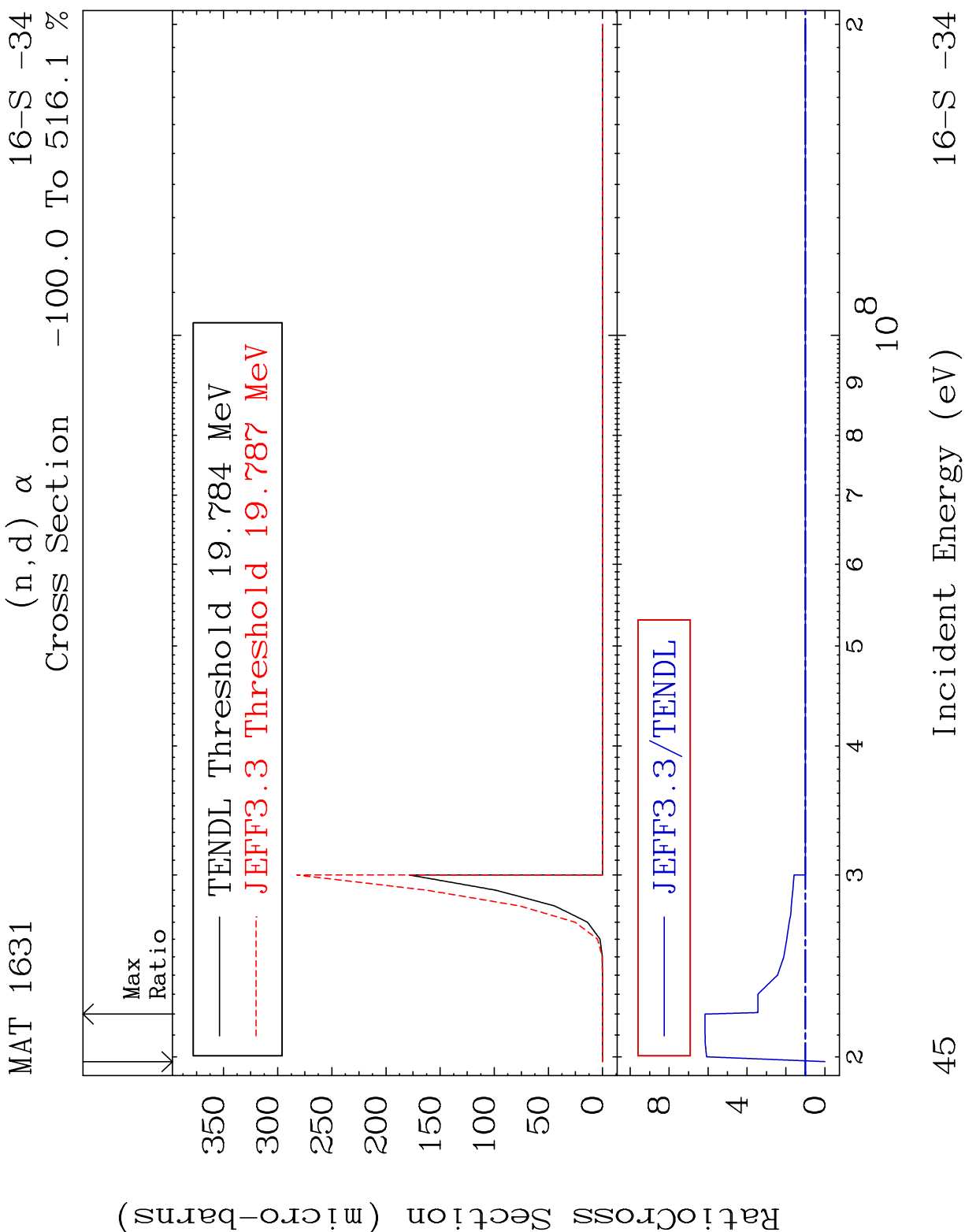
43

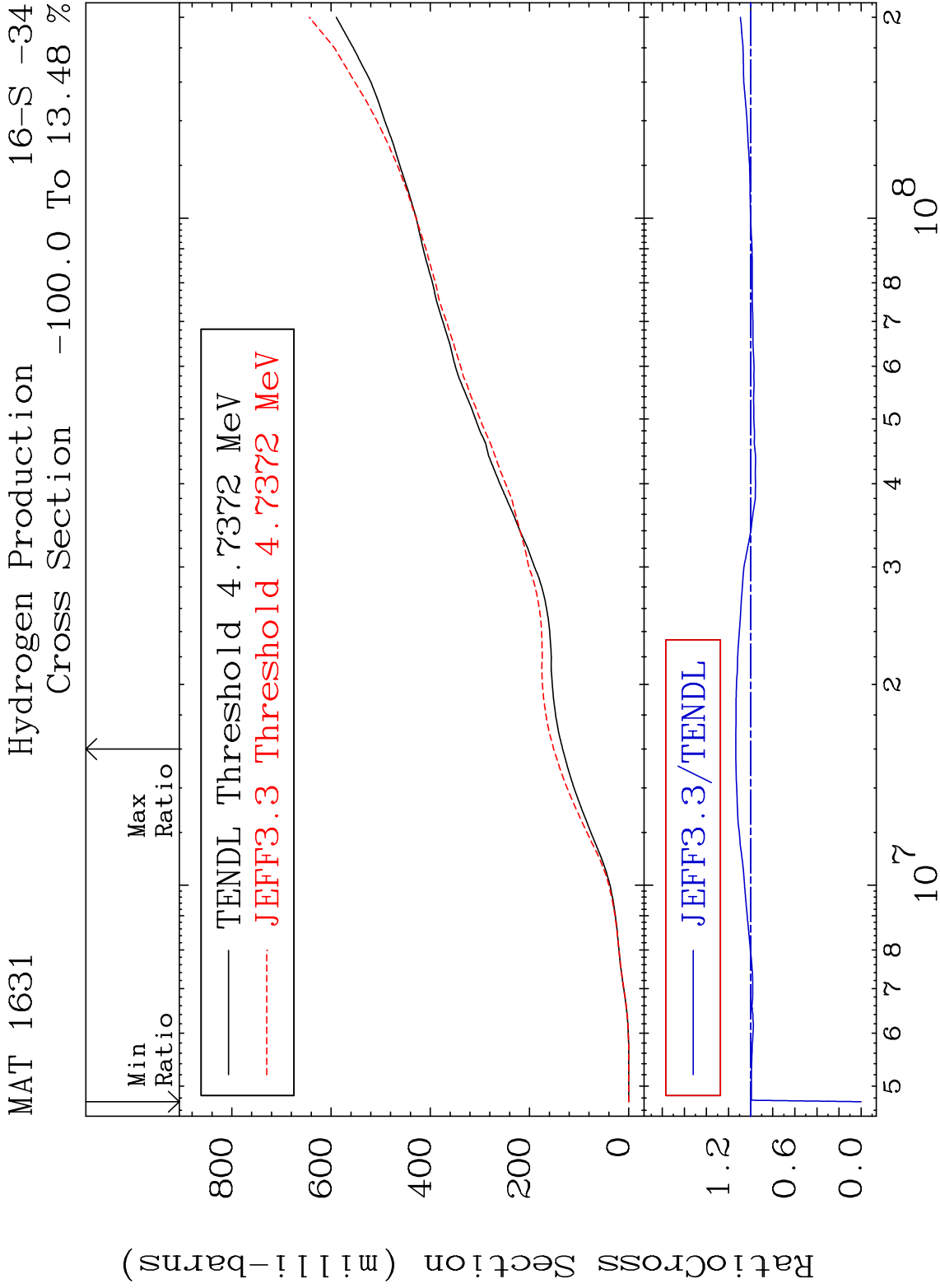
Incident Energy (eV)

16-S -34

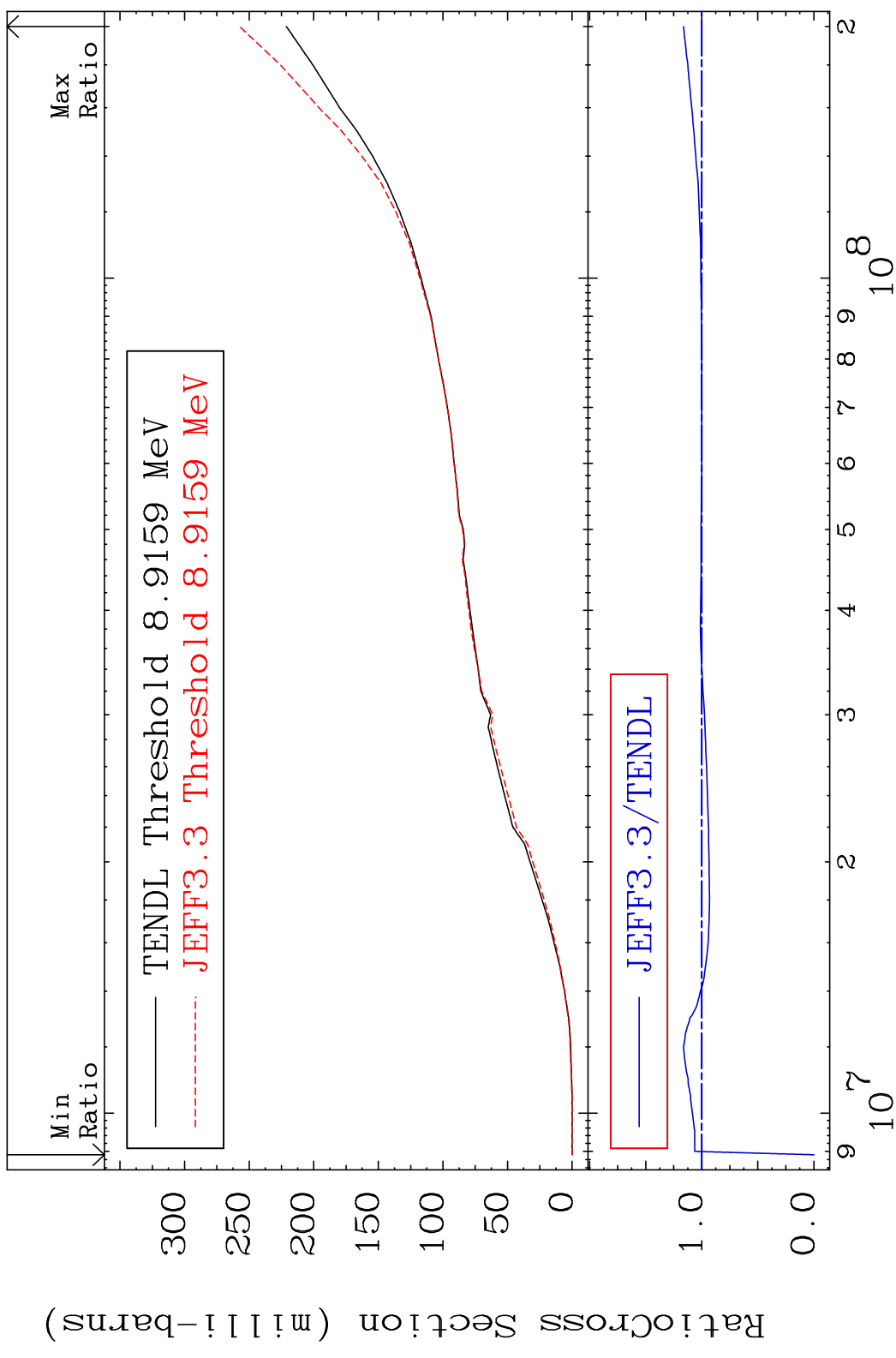
MAT 1631 (n,p) t 16-S -34
Cross Section -100.0 To 327.4 %





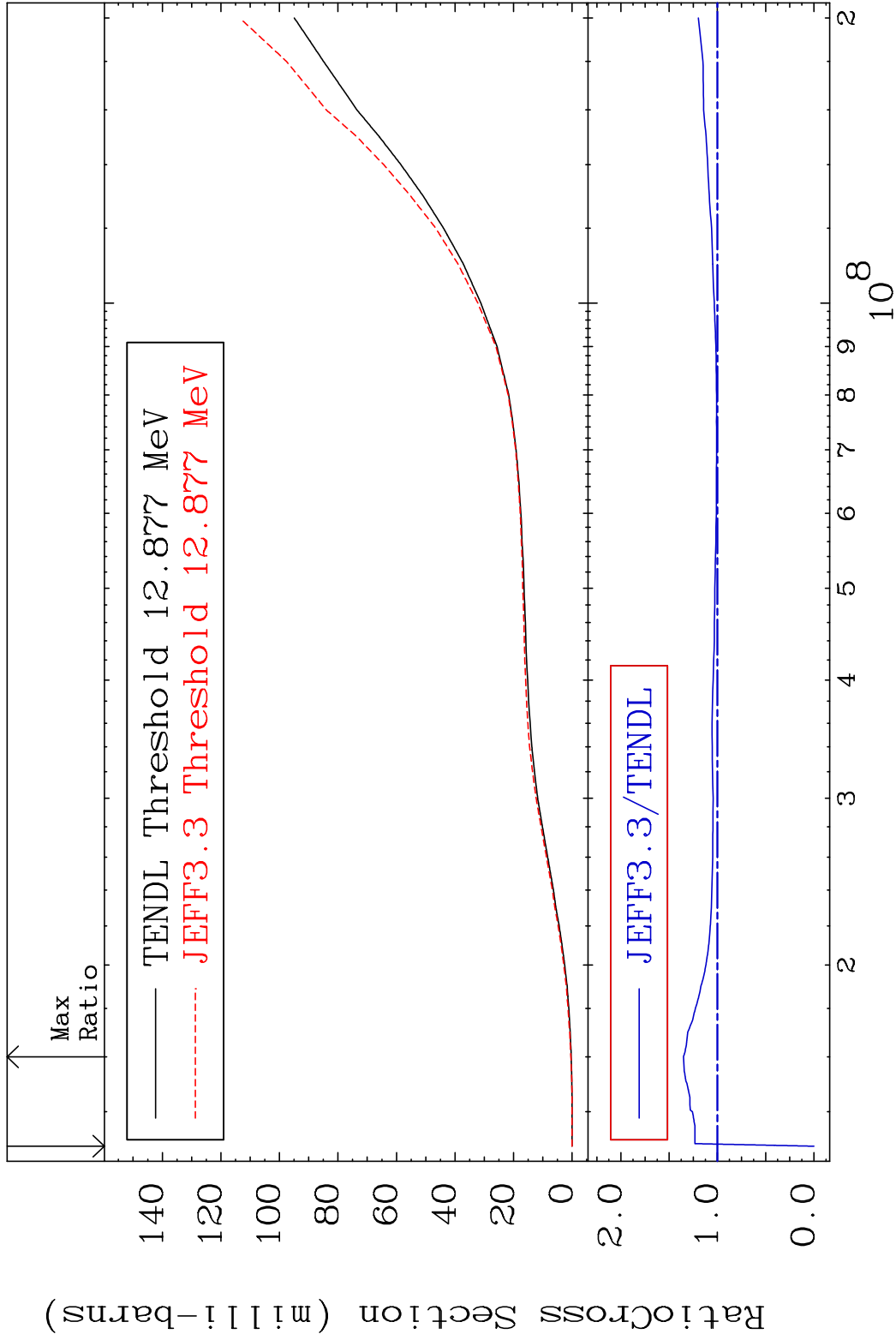


MAT 1631 Deuterium Production 16-S -34
 Cross Section -100.0 To 16.35 %

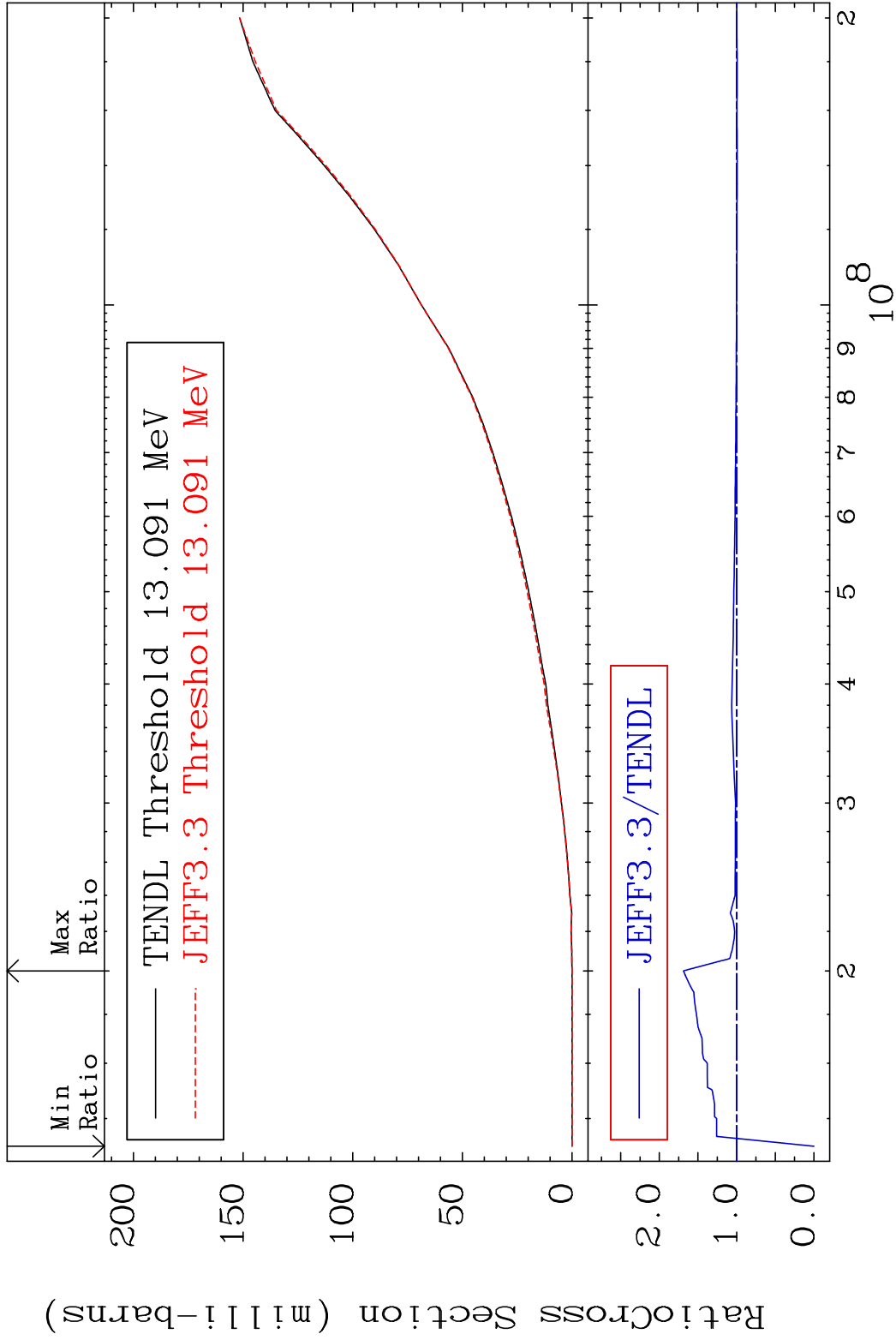


47 16-S -34

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

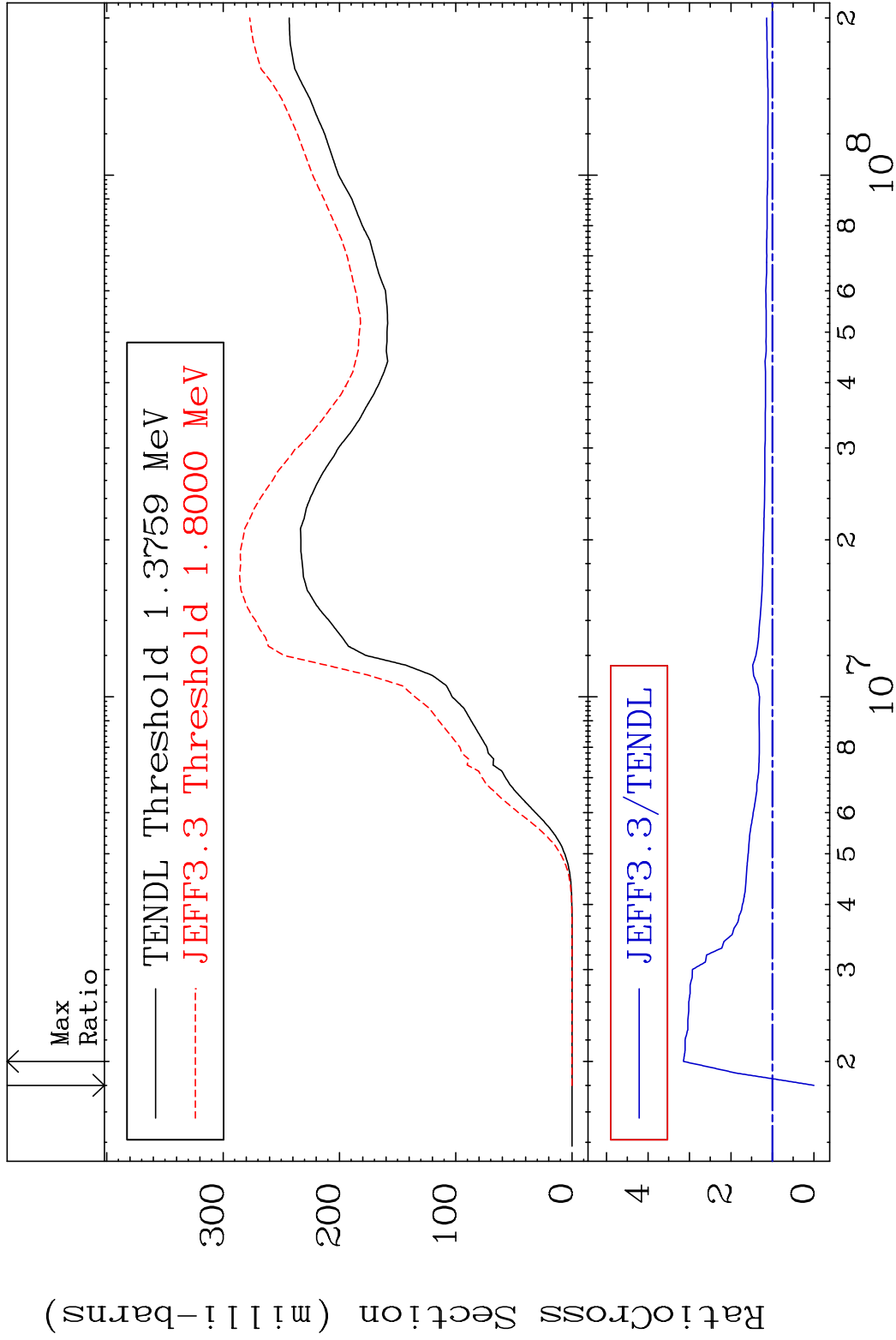


MAT 1631 He-3 Production 16-S -34
 Cross Section -100.0 To 68.78 %



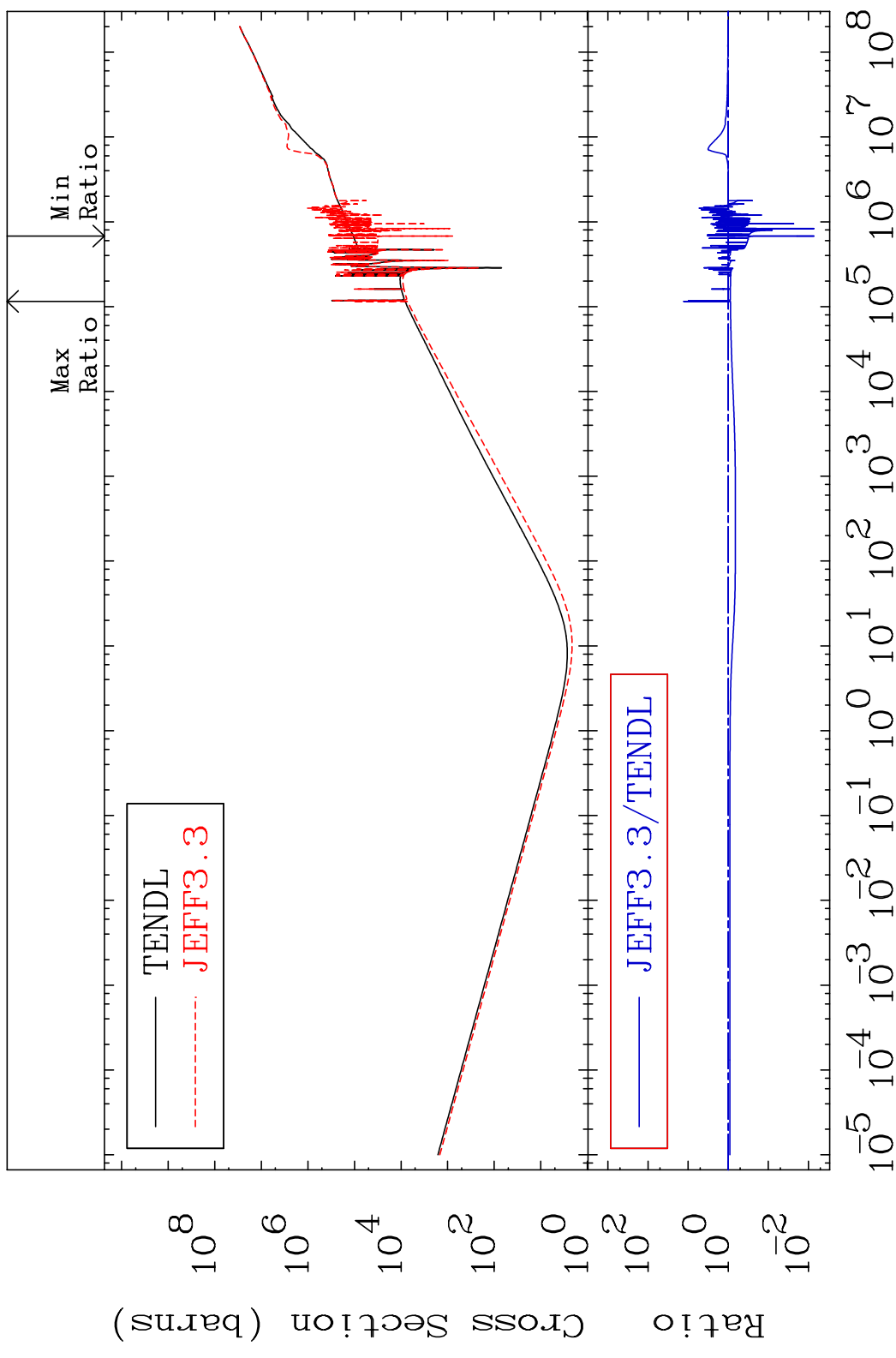
49 16-S -34

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. %

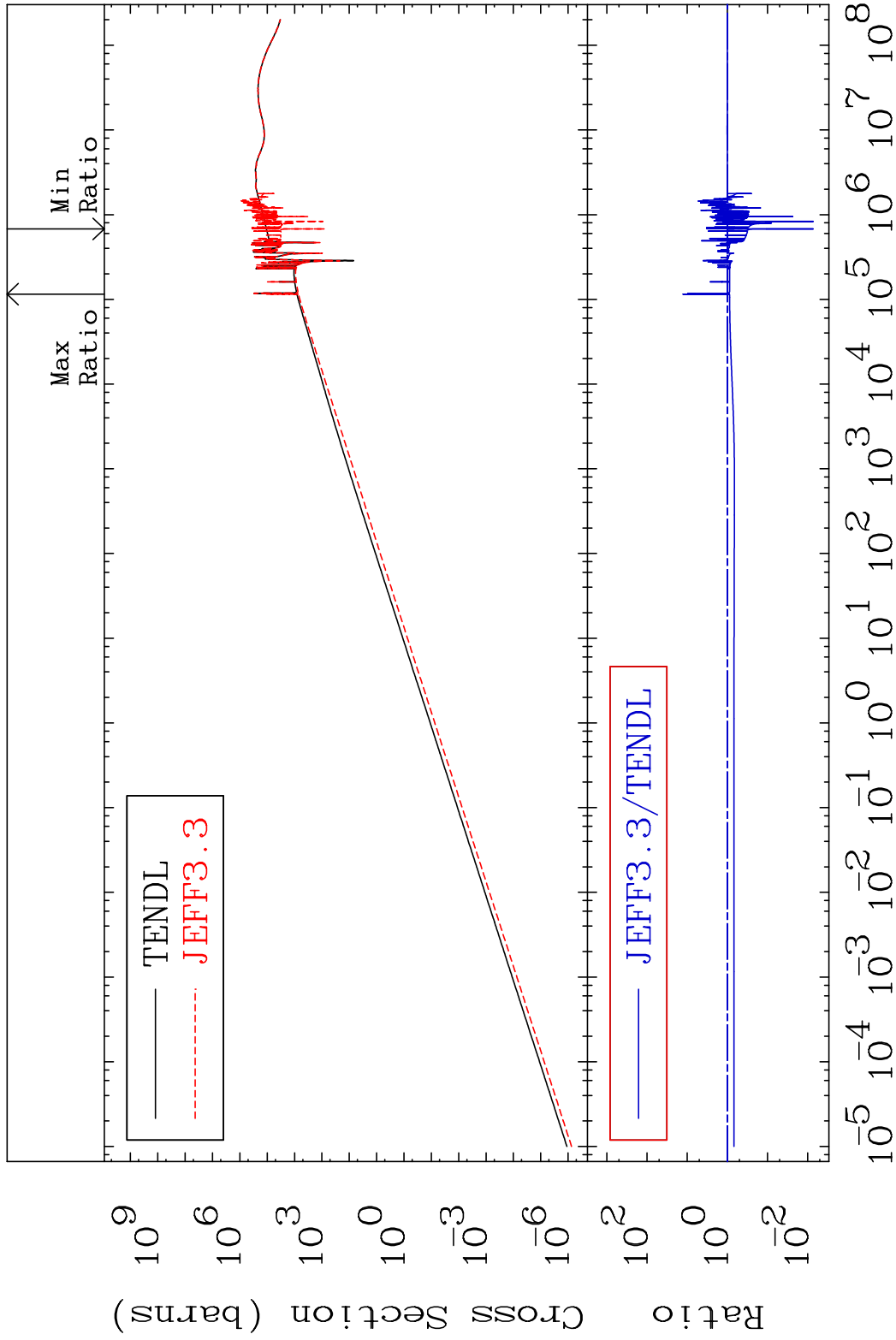


51 Incident Energy (eV) 16-S -34

MAT 1631

Kerma elastic
Cross Section

16-S -34
-99.27 To 1180. %

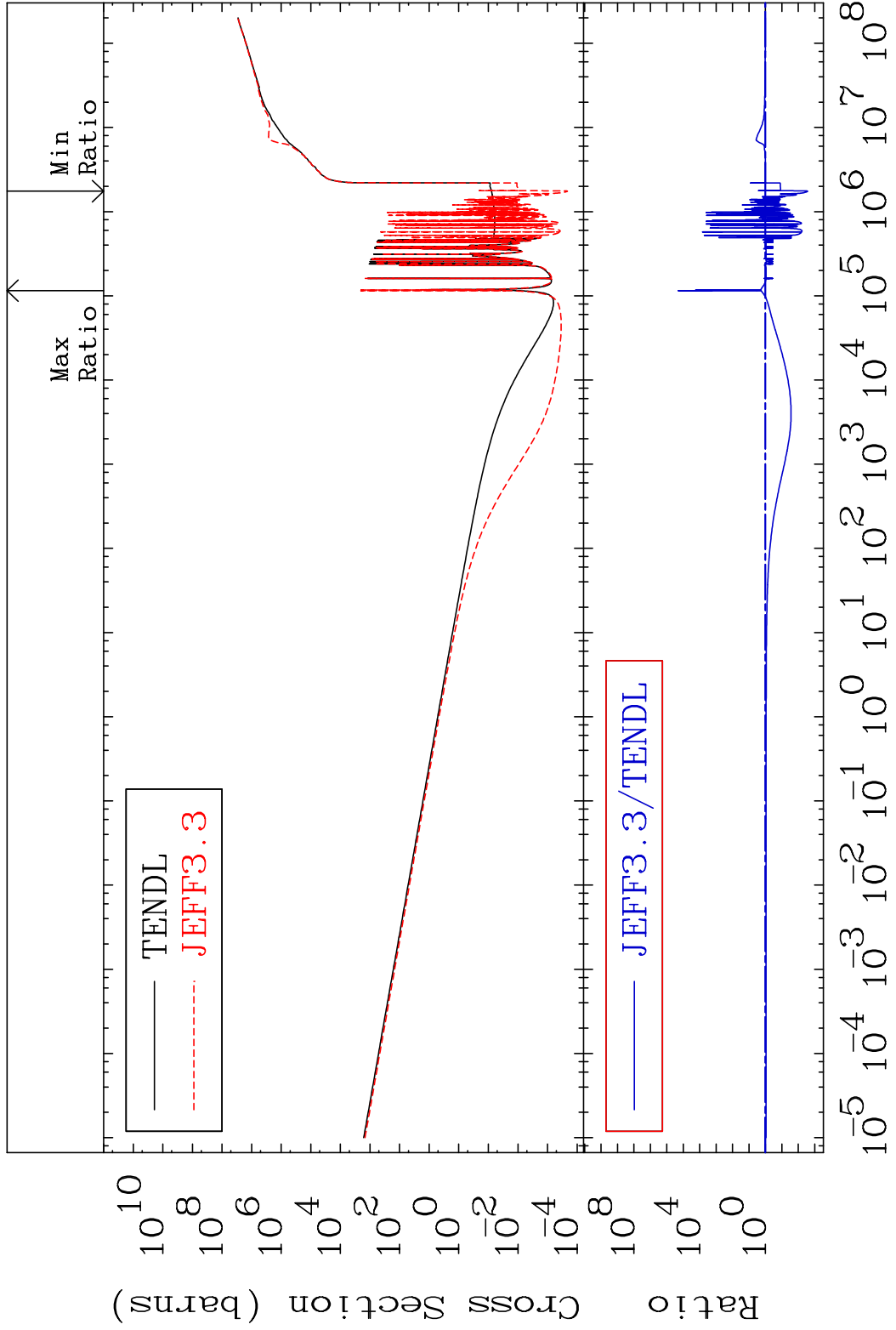


52

Incident Energy (eV)

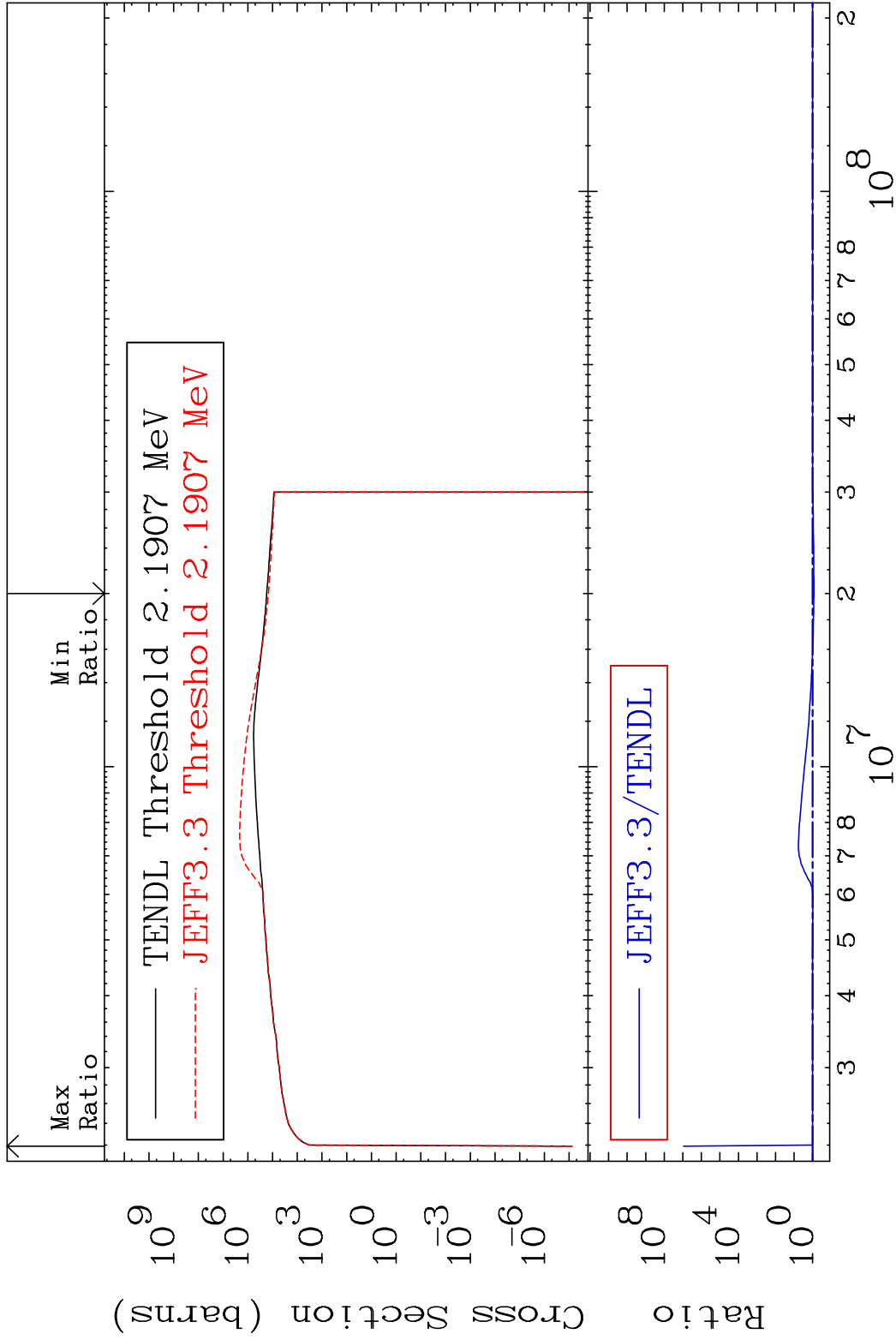
16-S -34

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



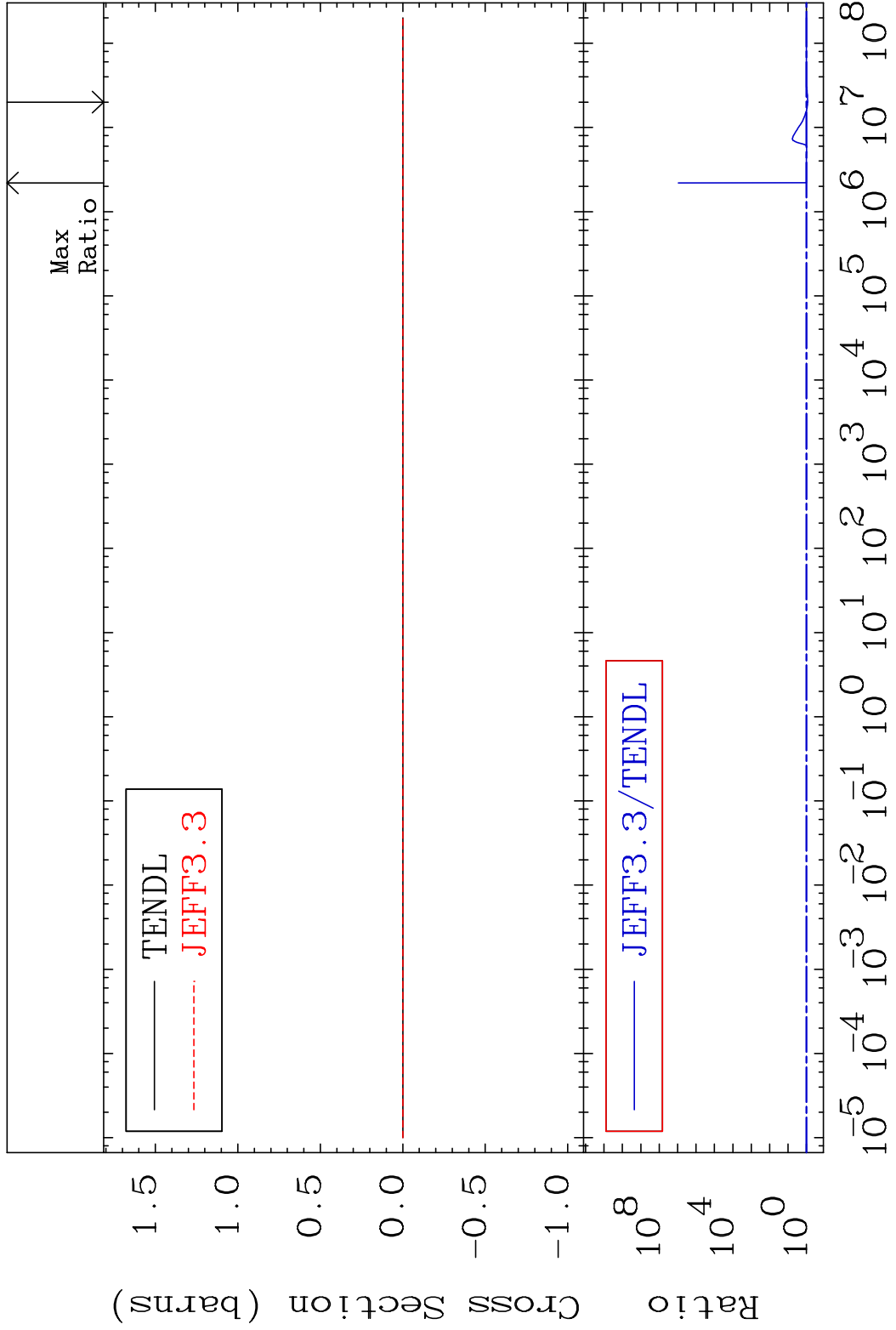
53 Incident Energy (eV) 16-S -34

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

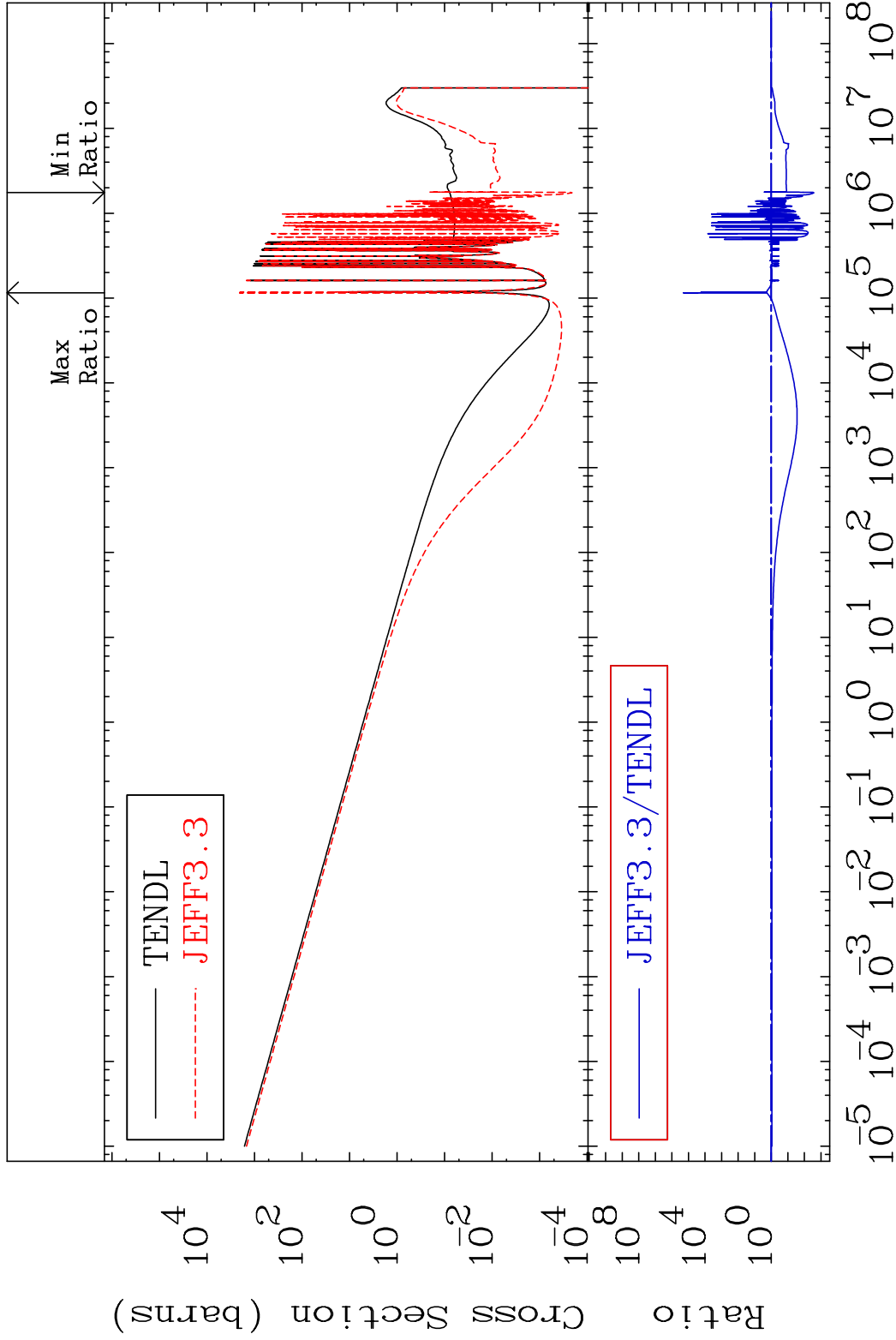


54 Incident Energy (eV) 16-S -34

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

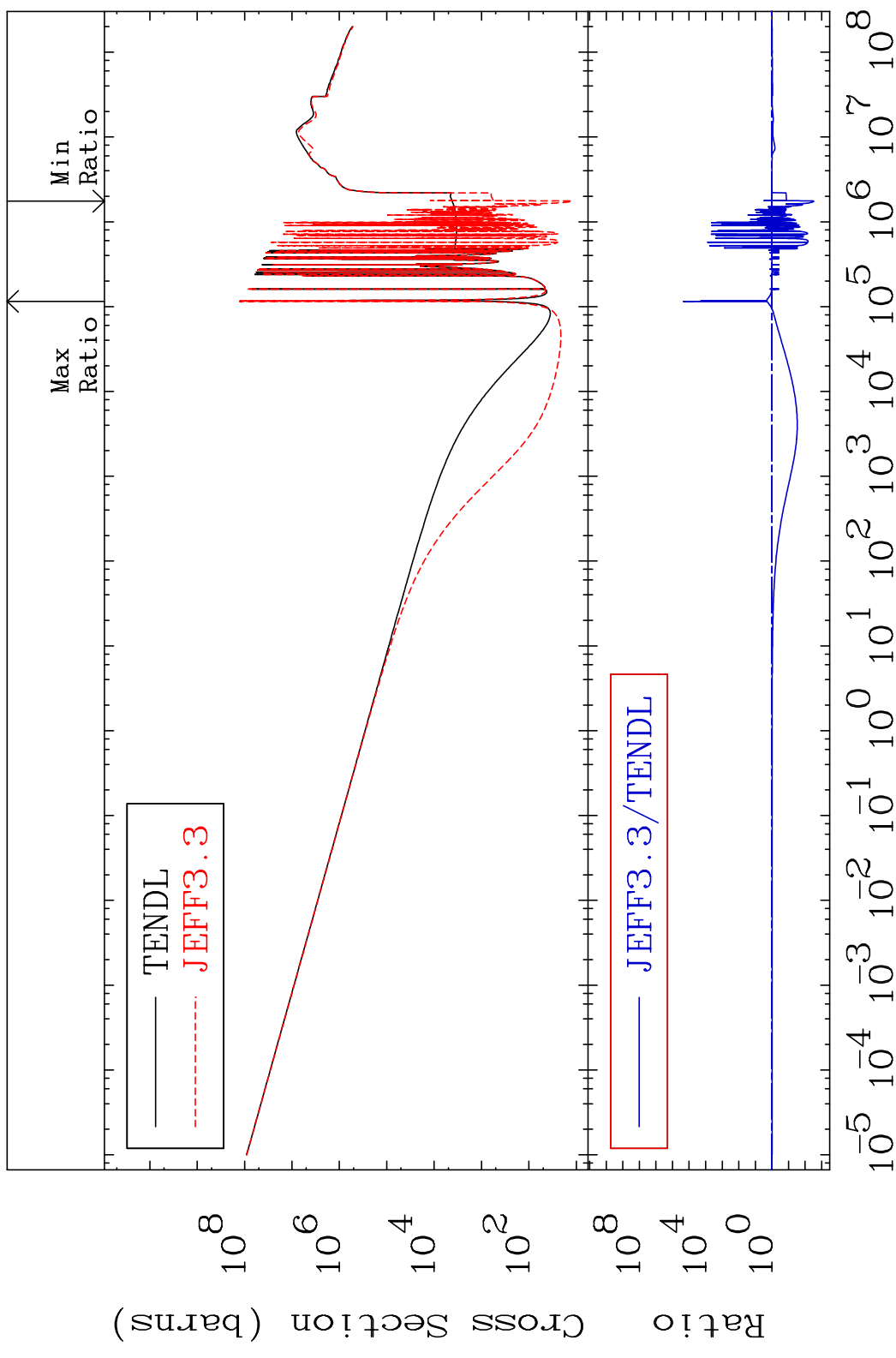


MAT 1631 Kerma capture (mt102) 16-S -34
 Cross Section -99.73 To 9999. %



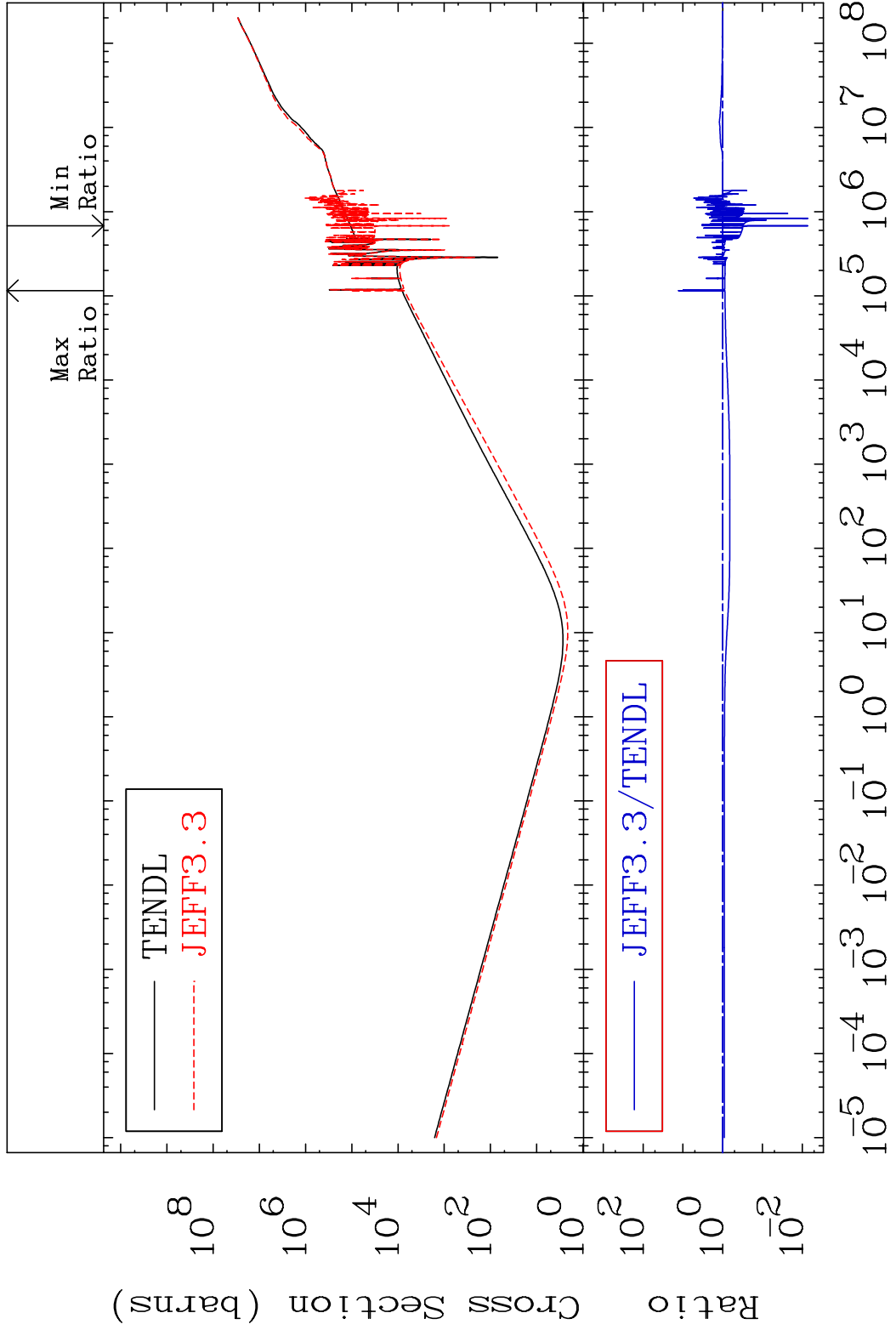
56 Incident Energy (eV) 16-S -34

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



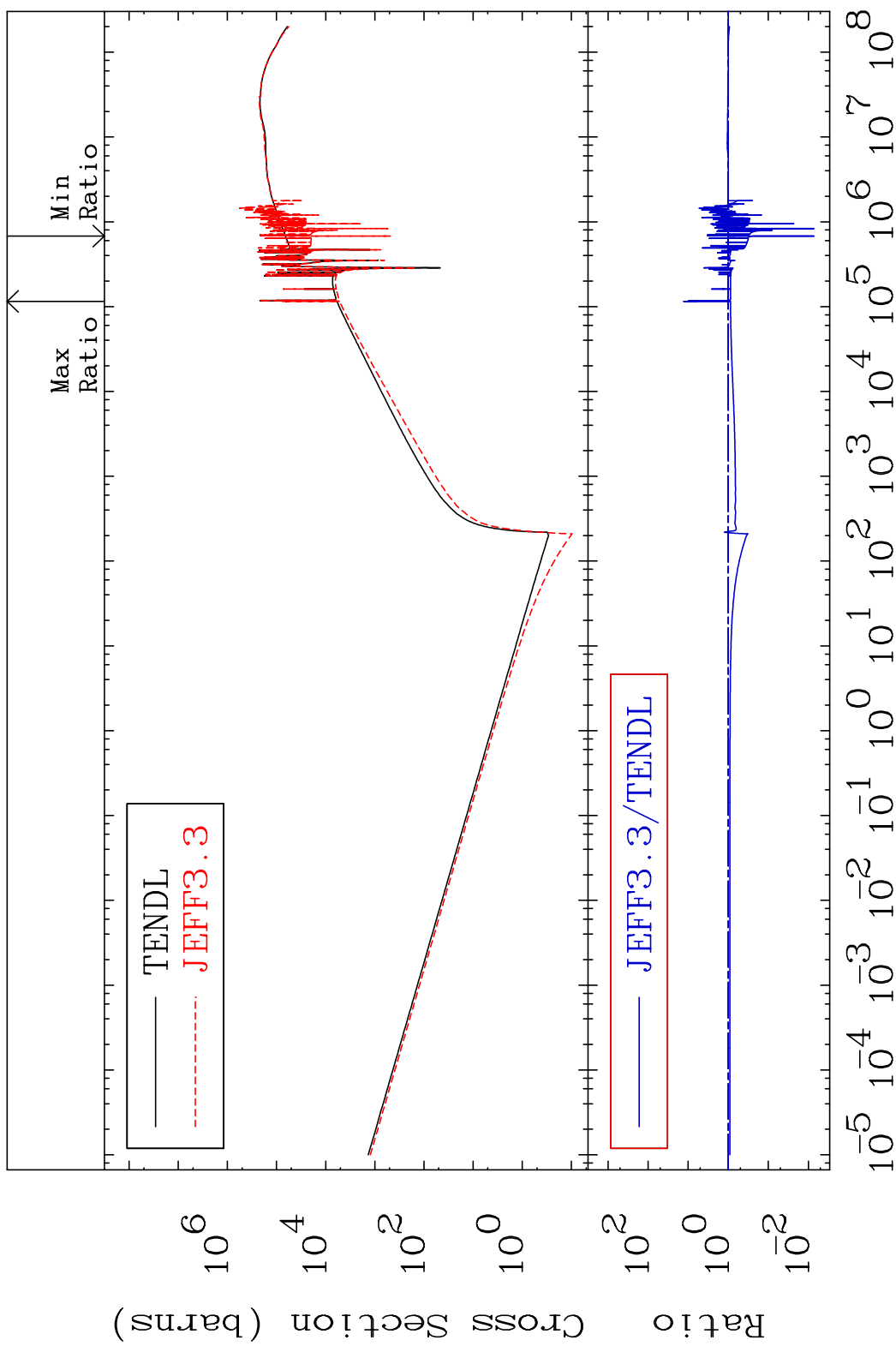
57 Incident Energy (eV) 16-S -34

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

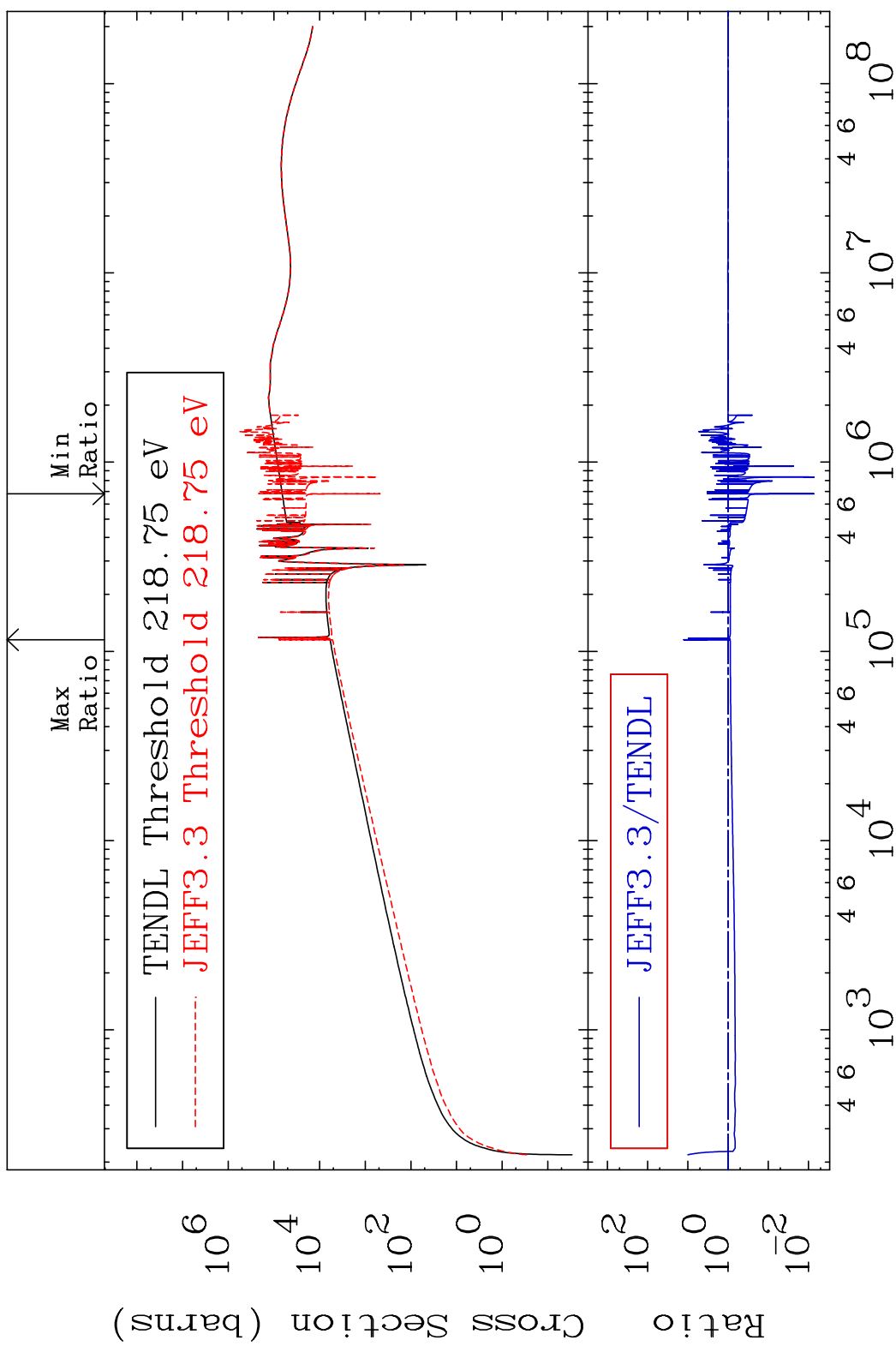


58 Incident Energy (eV) 16-S -34

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

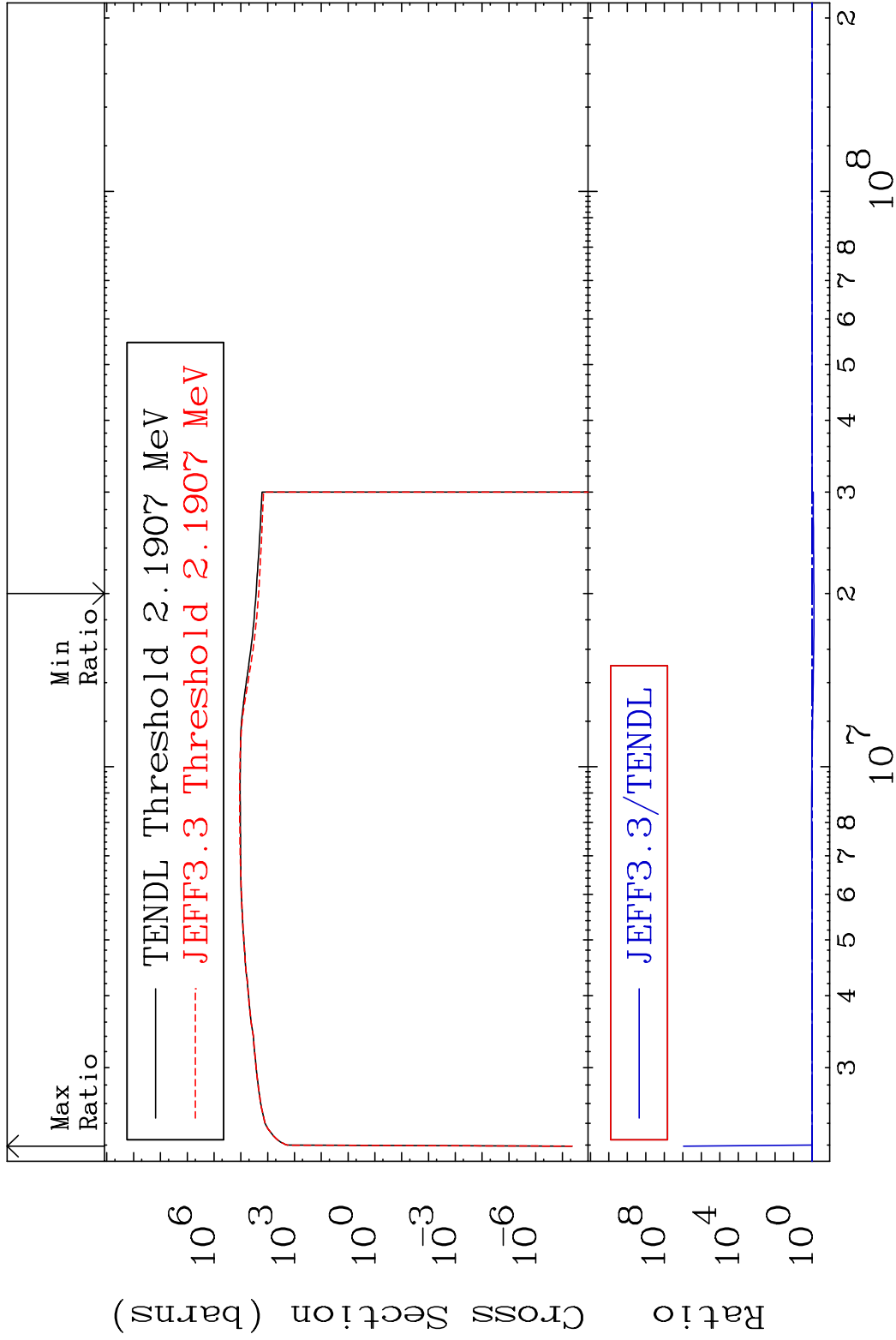


MAT 1631 Dpa elastic (mt2) 16-S -34
 Cross Section -99.27 To 1180. %



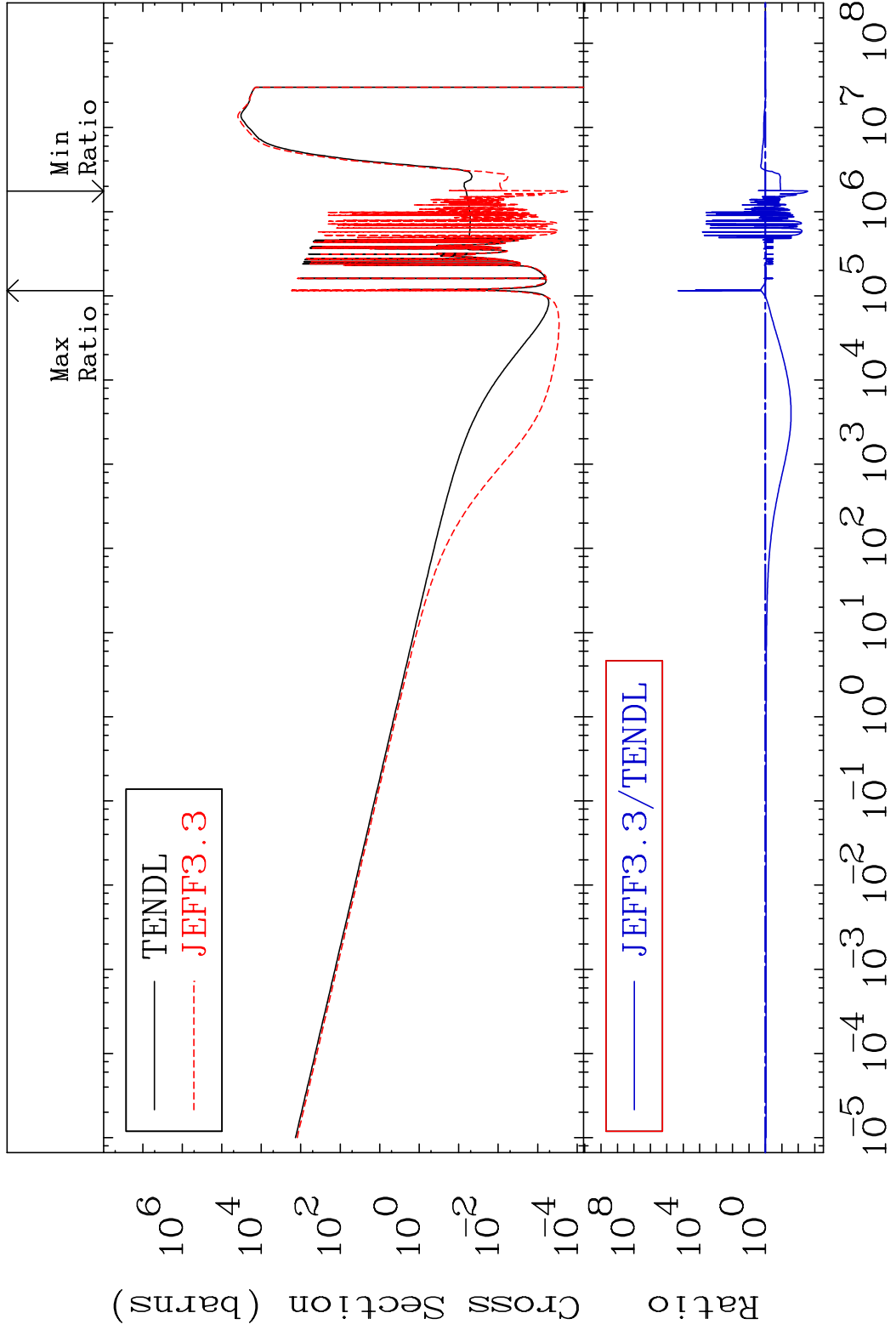
60 Incident Energy (eV) 16-S -34

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