

Program Complot
(Version 2021-1)

by

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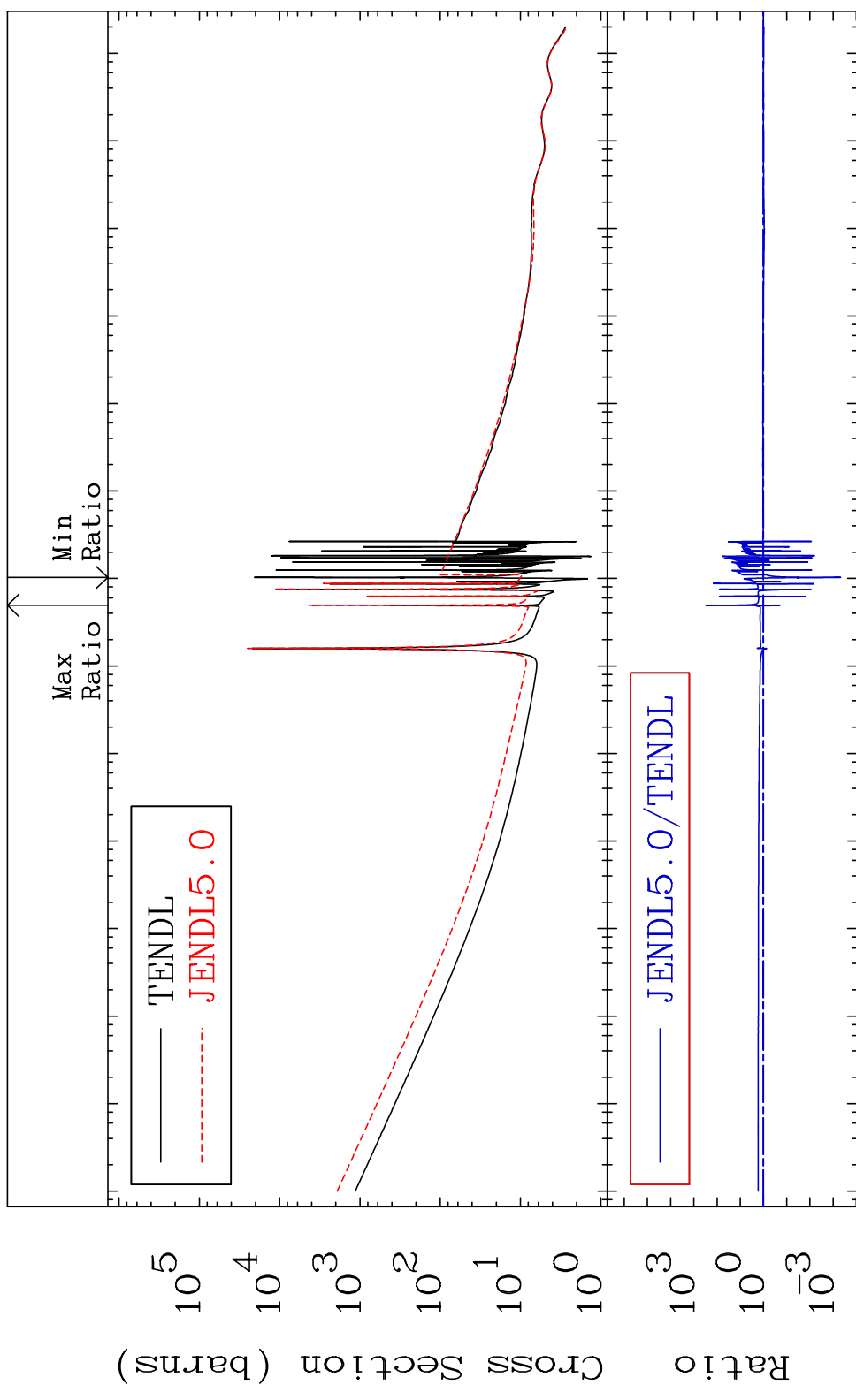
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7425

Total Cross Section -99.95 To 9999. %
74-W -180



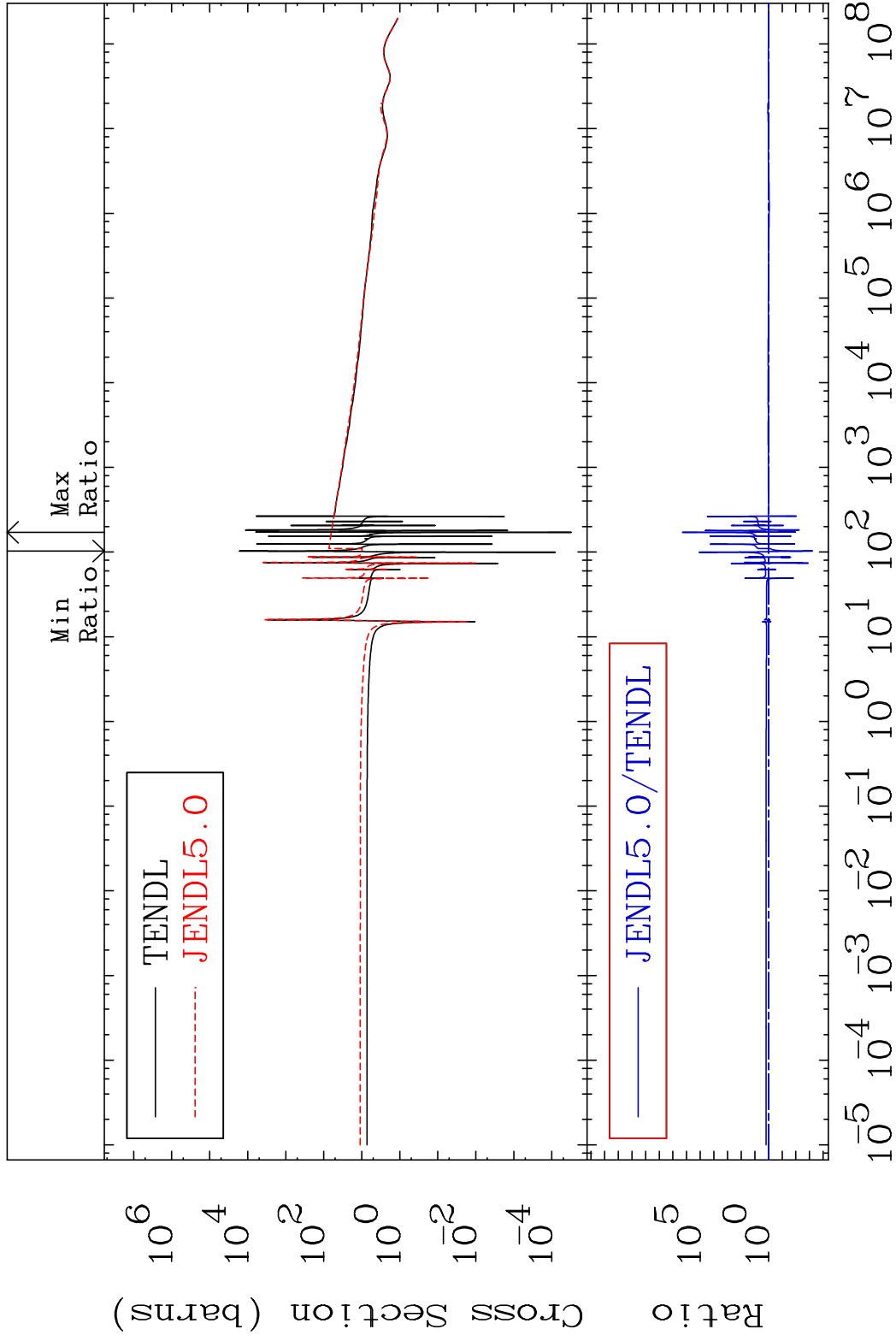
1 Incident Energy (eV) 74-W -180

MAT 7425

Elastic

74-W -180

Cross Section -99.94 To 9999. %

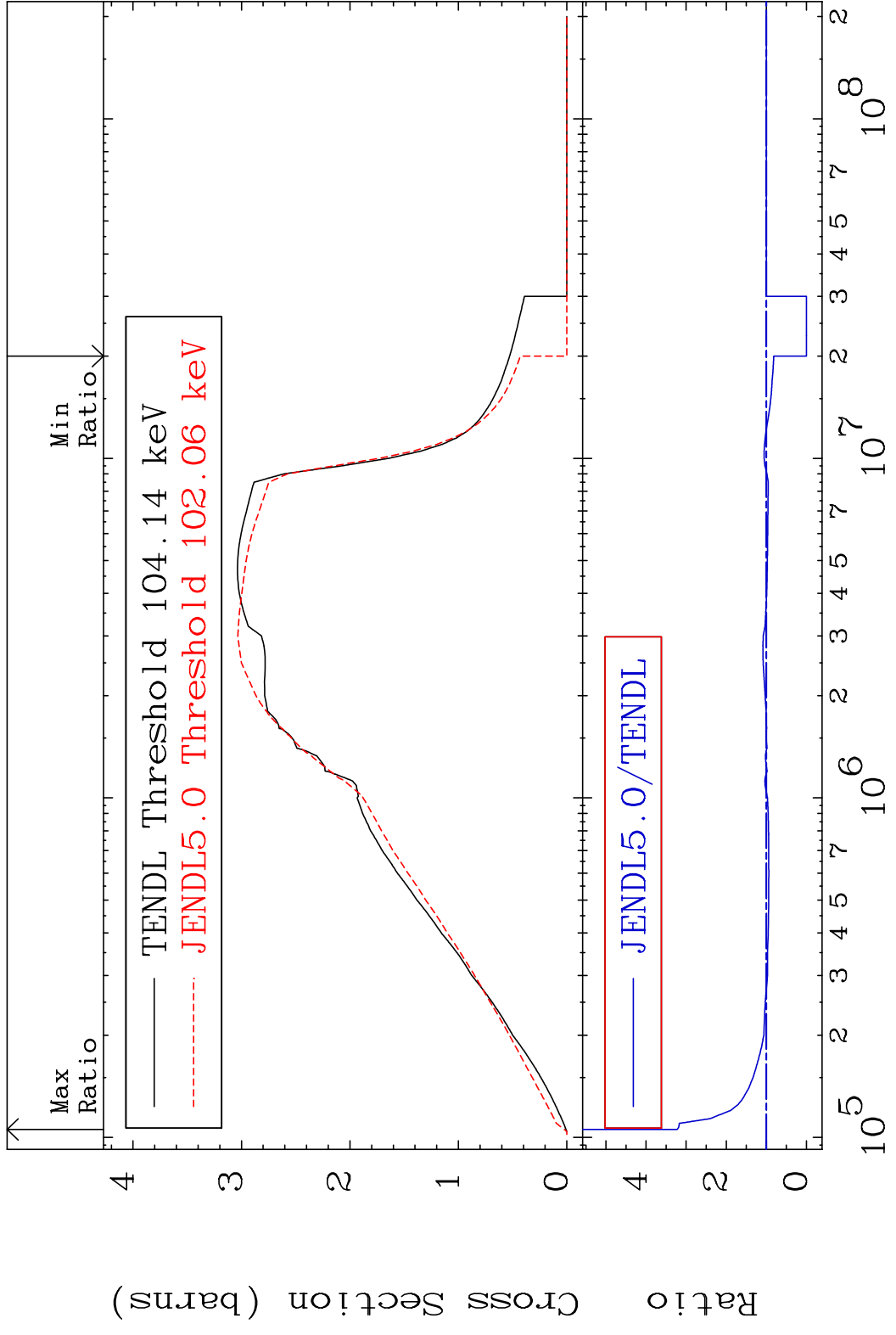


2

Incident Energy (eV)

74-W -180

MAT 7425 Inelastic Cross Section -100.0 To 222.3 % 74-W -180



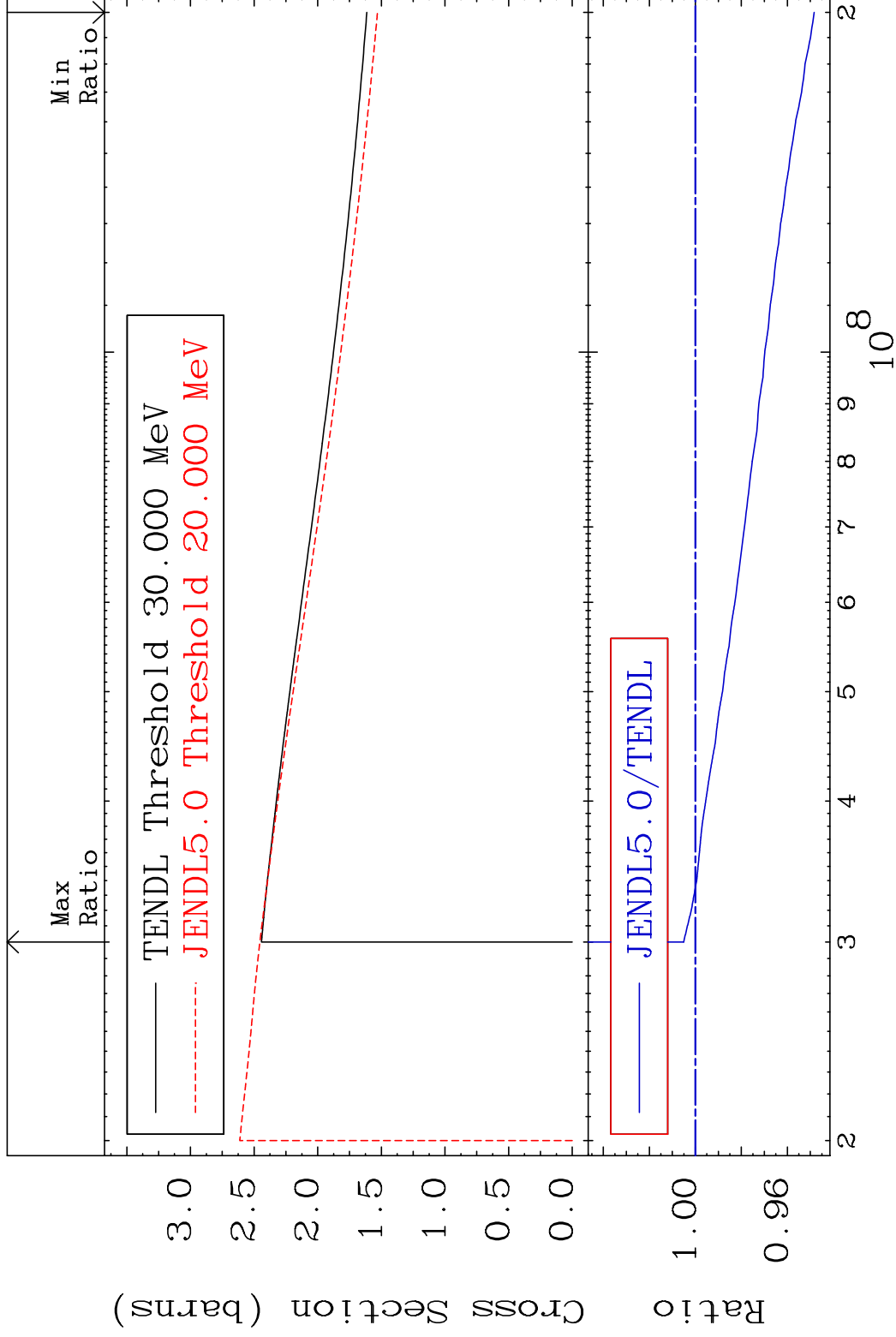
3 Incident Energy (eV) 74-W -180

MAT 7425

(n, remainder)

74-W -180

Cross Section -5.162 To 0.508 %

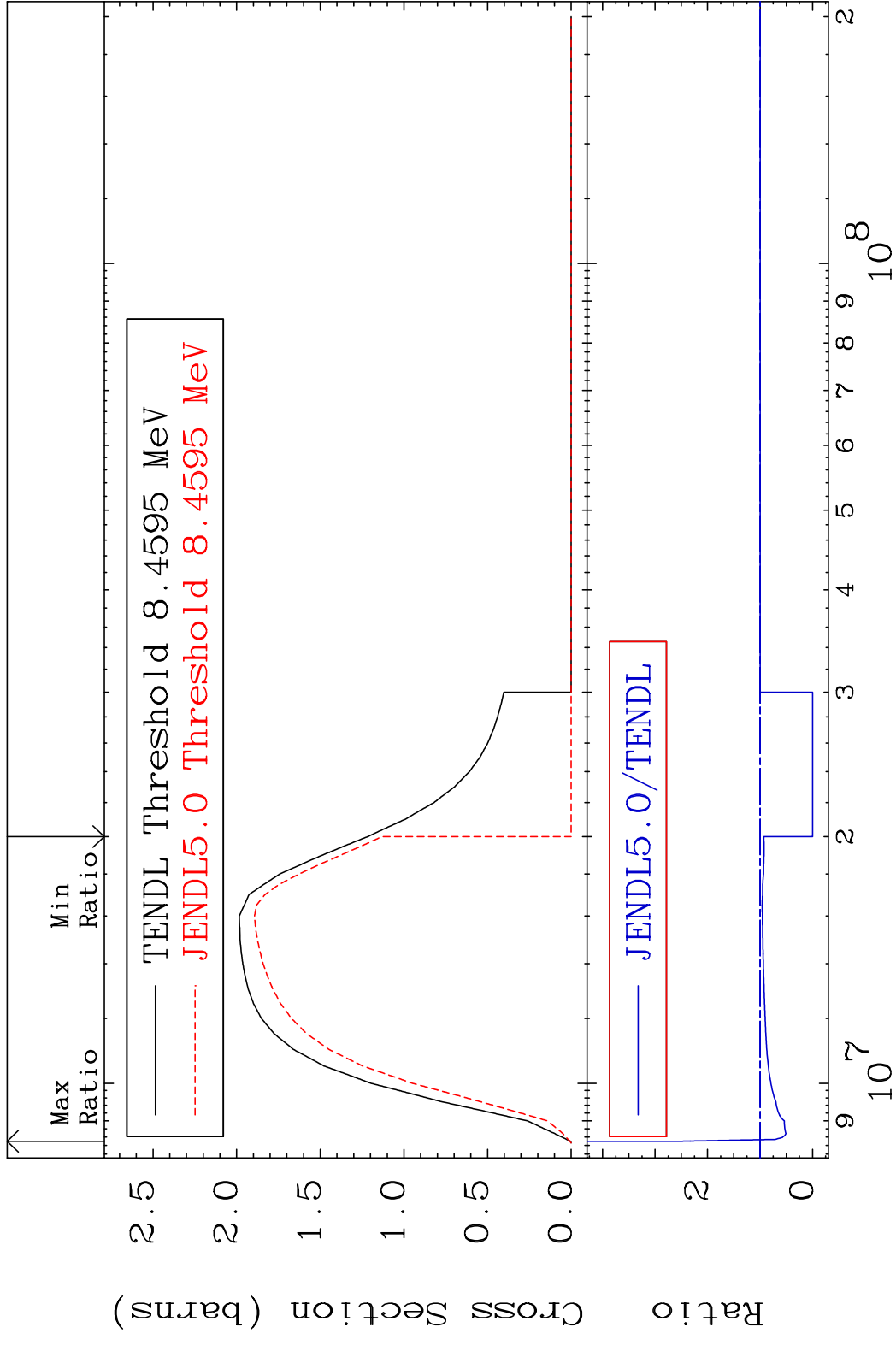


4

Incident Energy (eV)

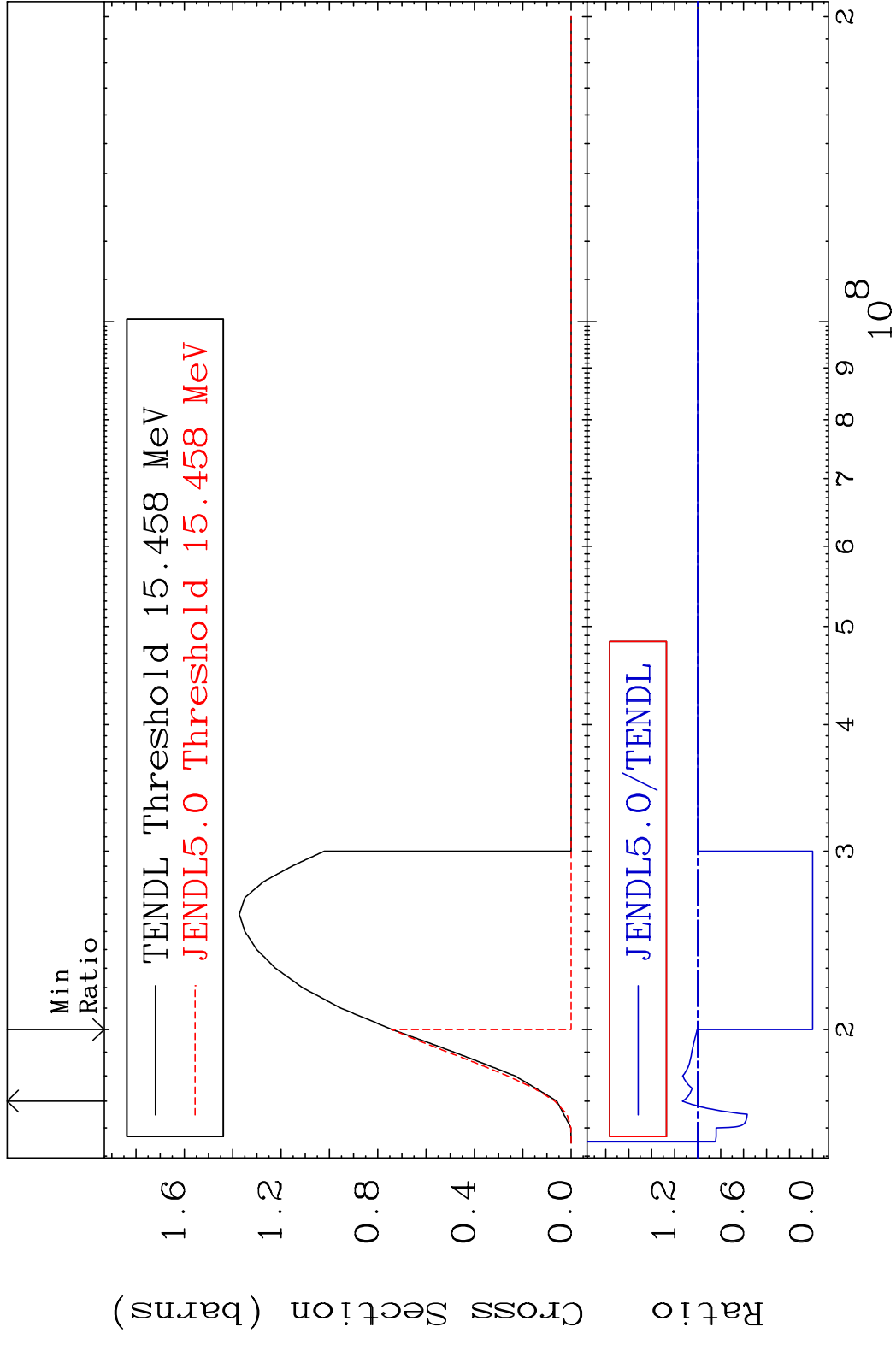
74-W -180

MAT 7425 (n,2n) 74-W -180
 Cross Section -100.0 To 148.0 %



5 74-W -180

MAT 7425 (n,3n) 74-W -180
 Cross Section -100.0 To 13.32 %

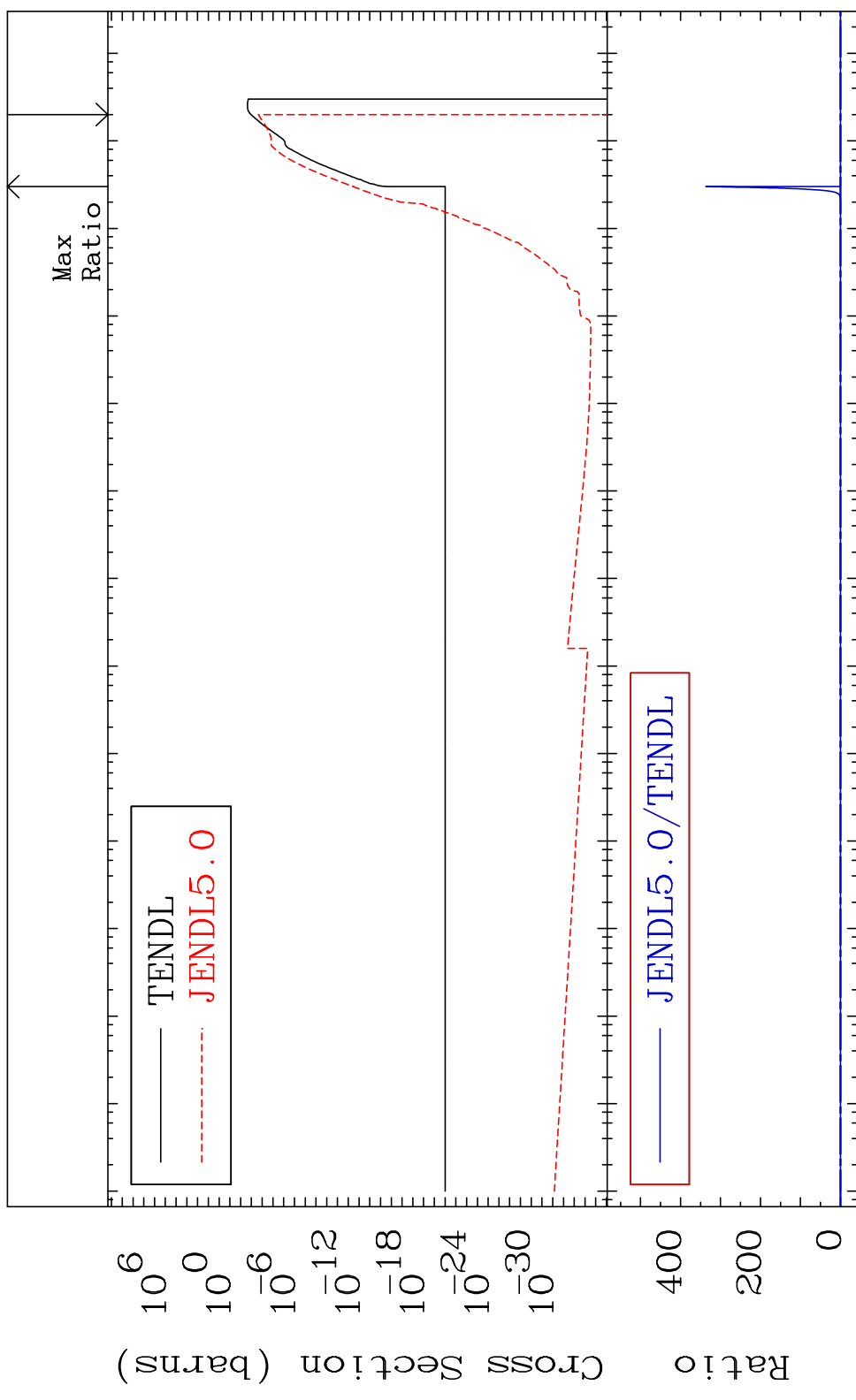


MAT 7425

(n, n') α

74-W -180

Cross Section -100.0 To 9999. %

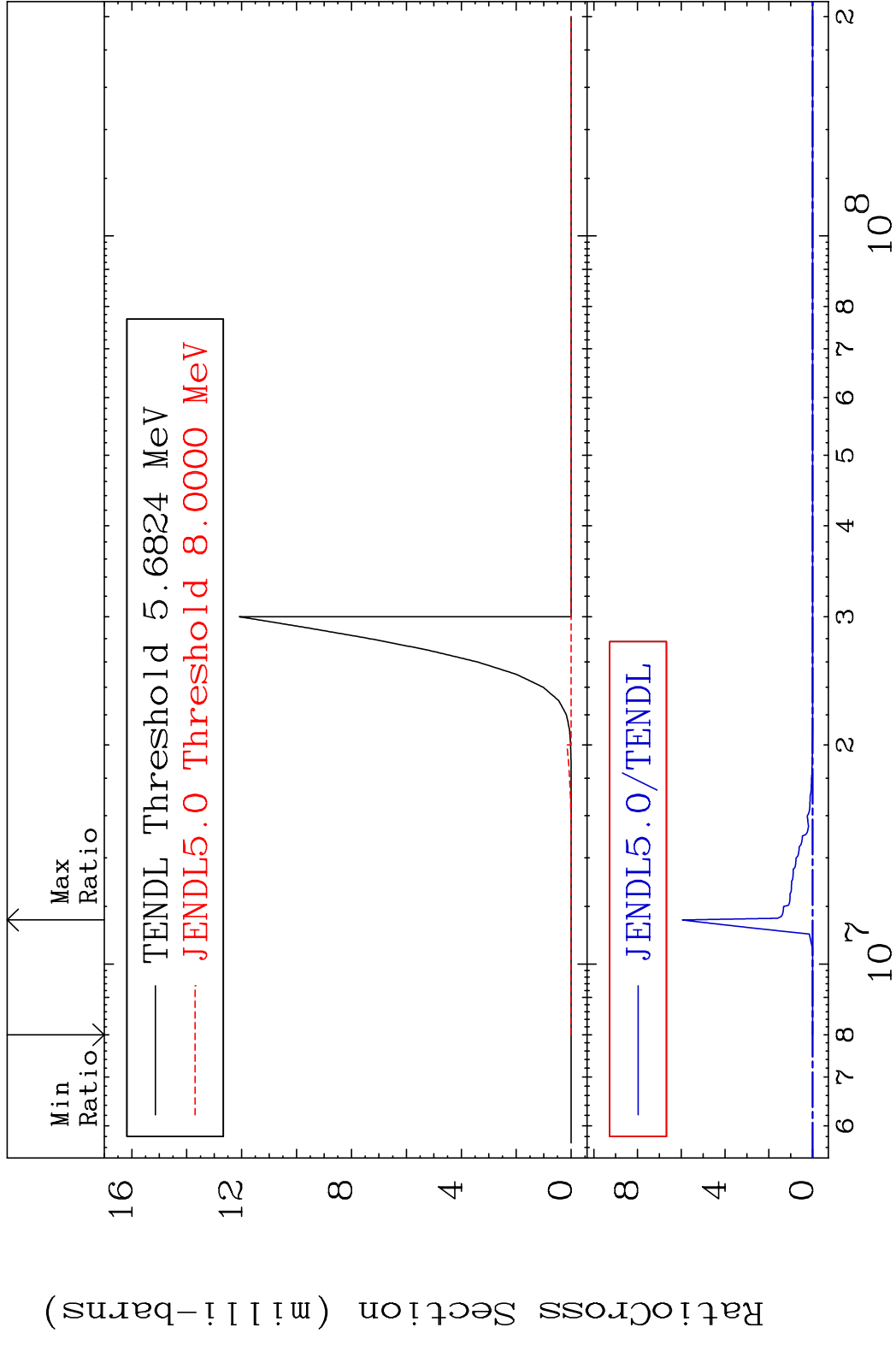


7

Incident Energy (eV)

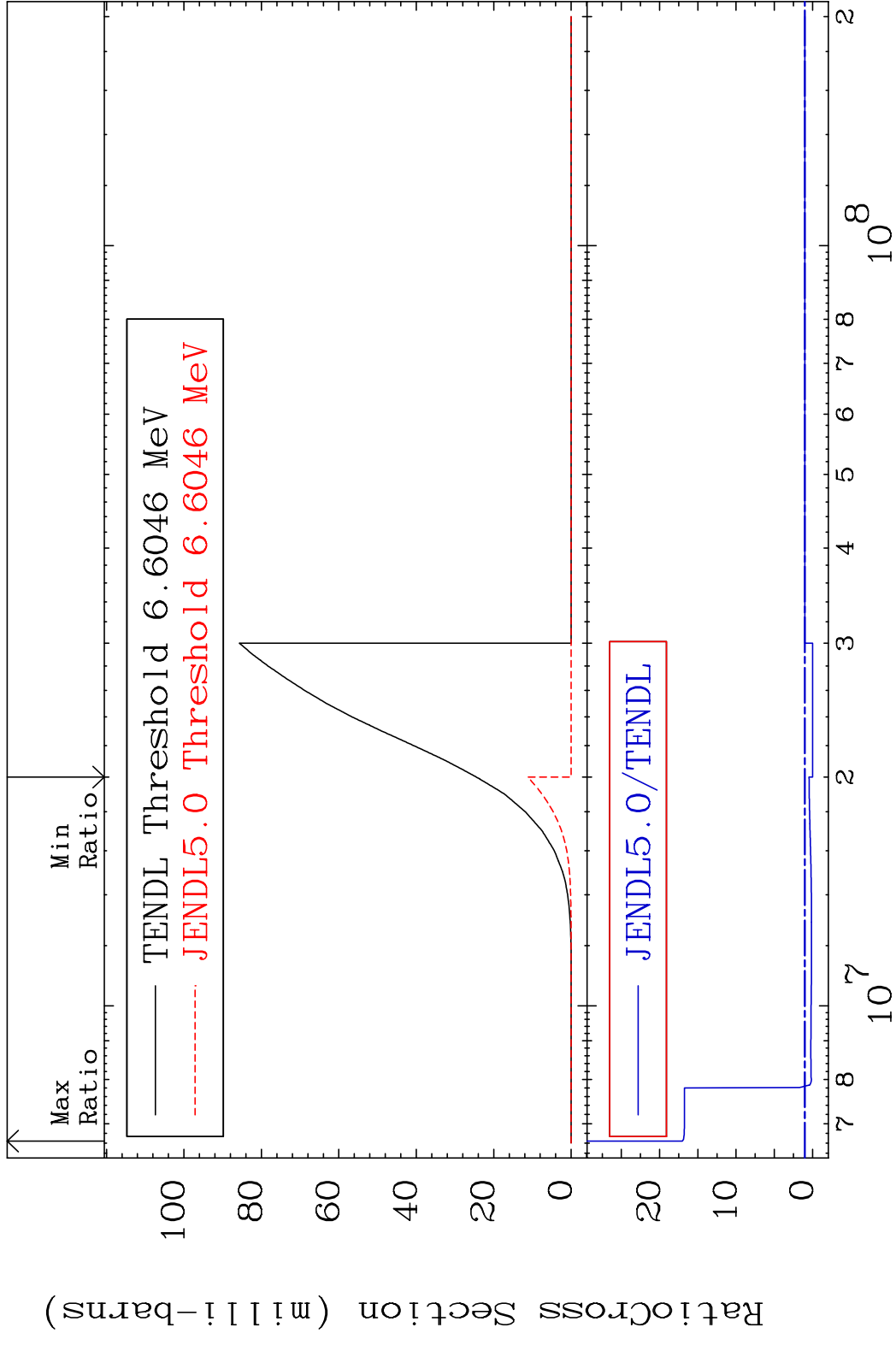
74-W -180

MAT 7425 (n,2n) α 74-W -180
 Cross Section -100.0 To 9999. %



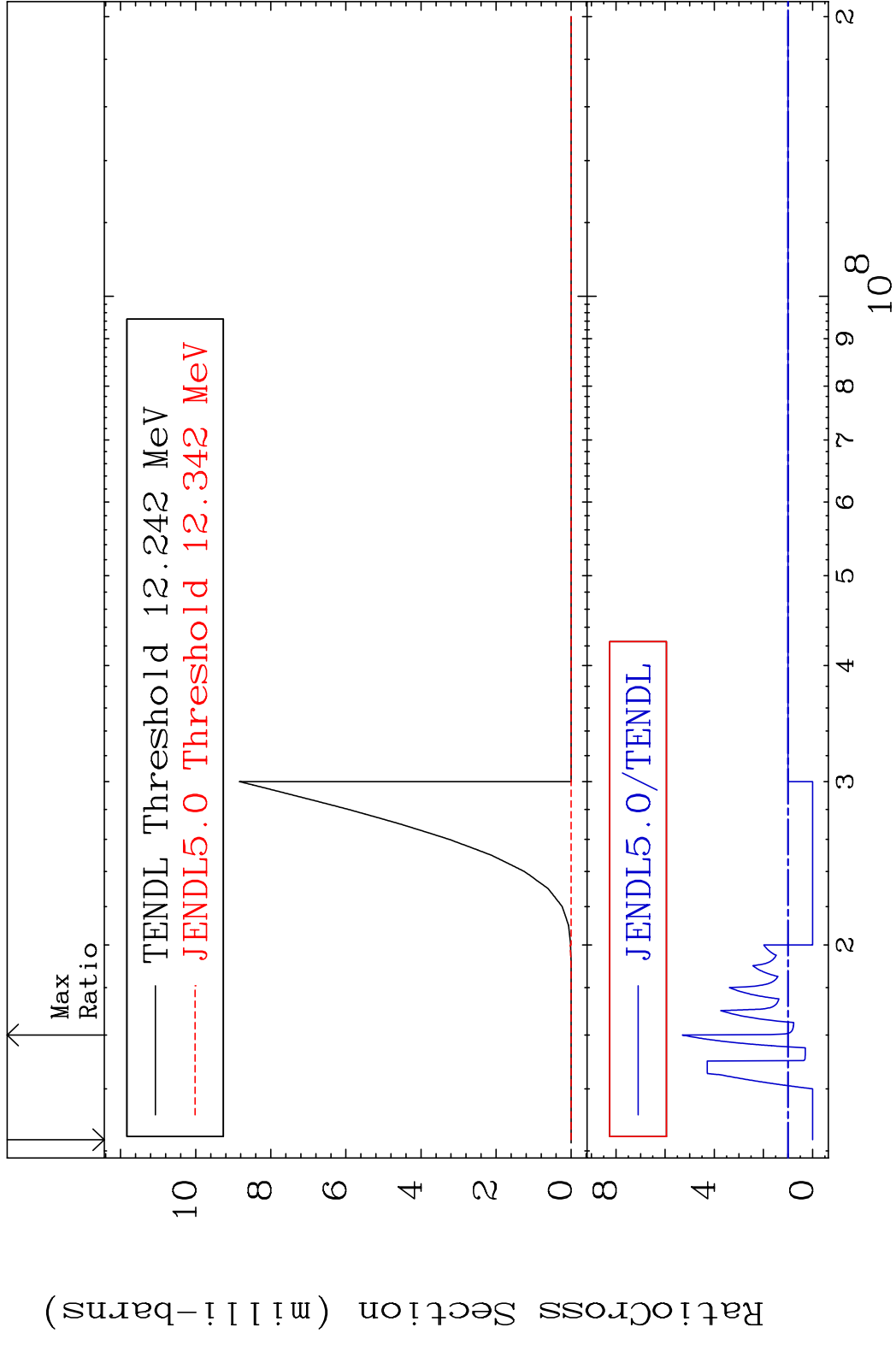
8 Incident Energy (eV) 74-W -180

MAT 7425 (n, n') p 74-W -180
 Cross Section -100.0 To 1603. %



9 Incident Energy (eV) 74-W -180

MAT 7425 (n, n') d 74-W -180
 Cross Section -100.0 To 429.9 %



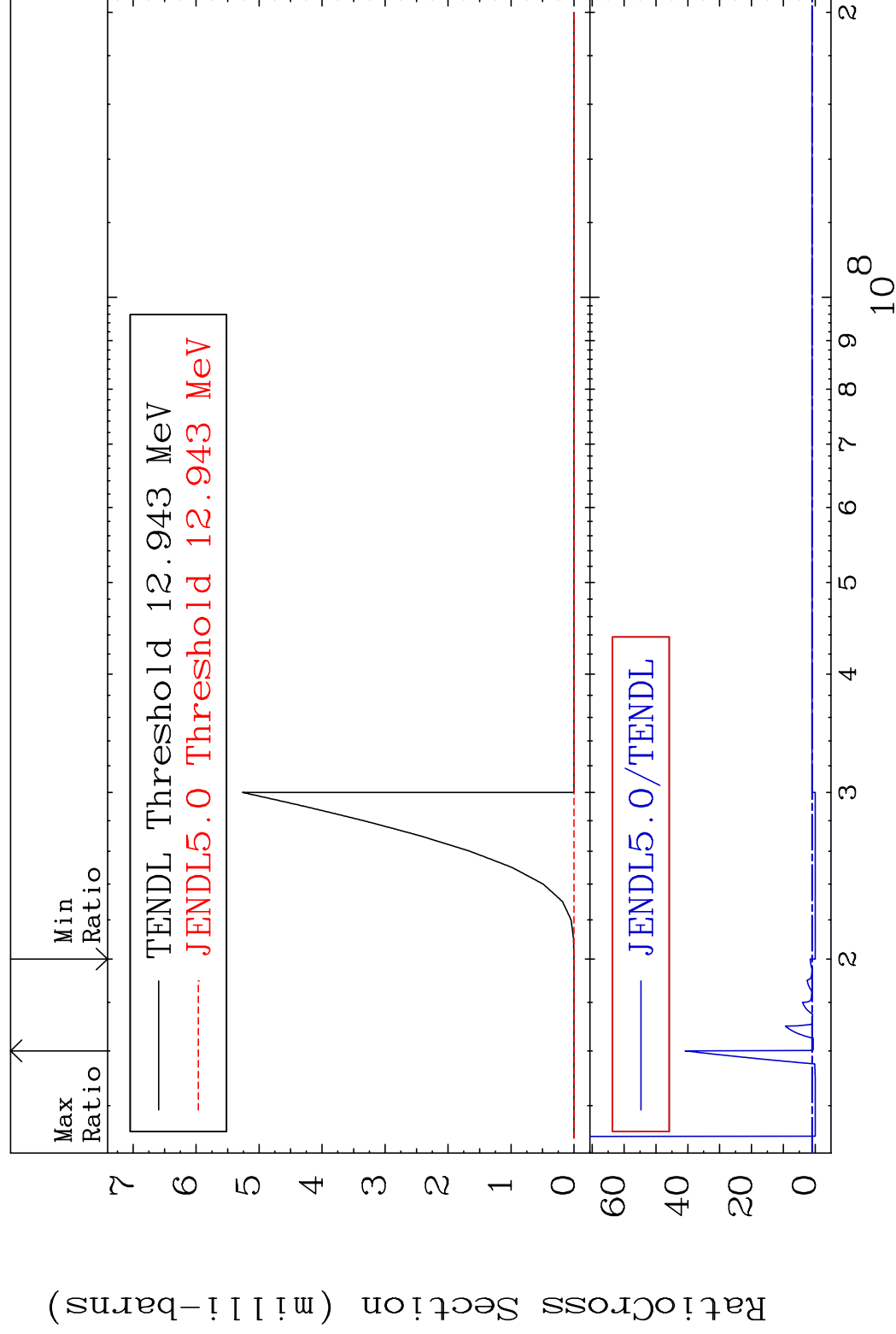
10 Incident Energy (eV) 74-W -180

MAT 7425

(n, n') t

74-W -180

Cross Section -100.0 To 3984. %

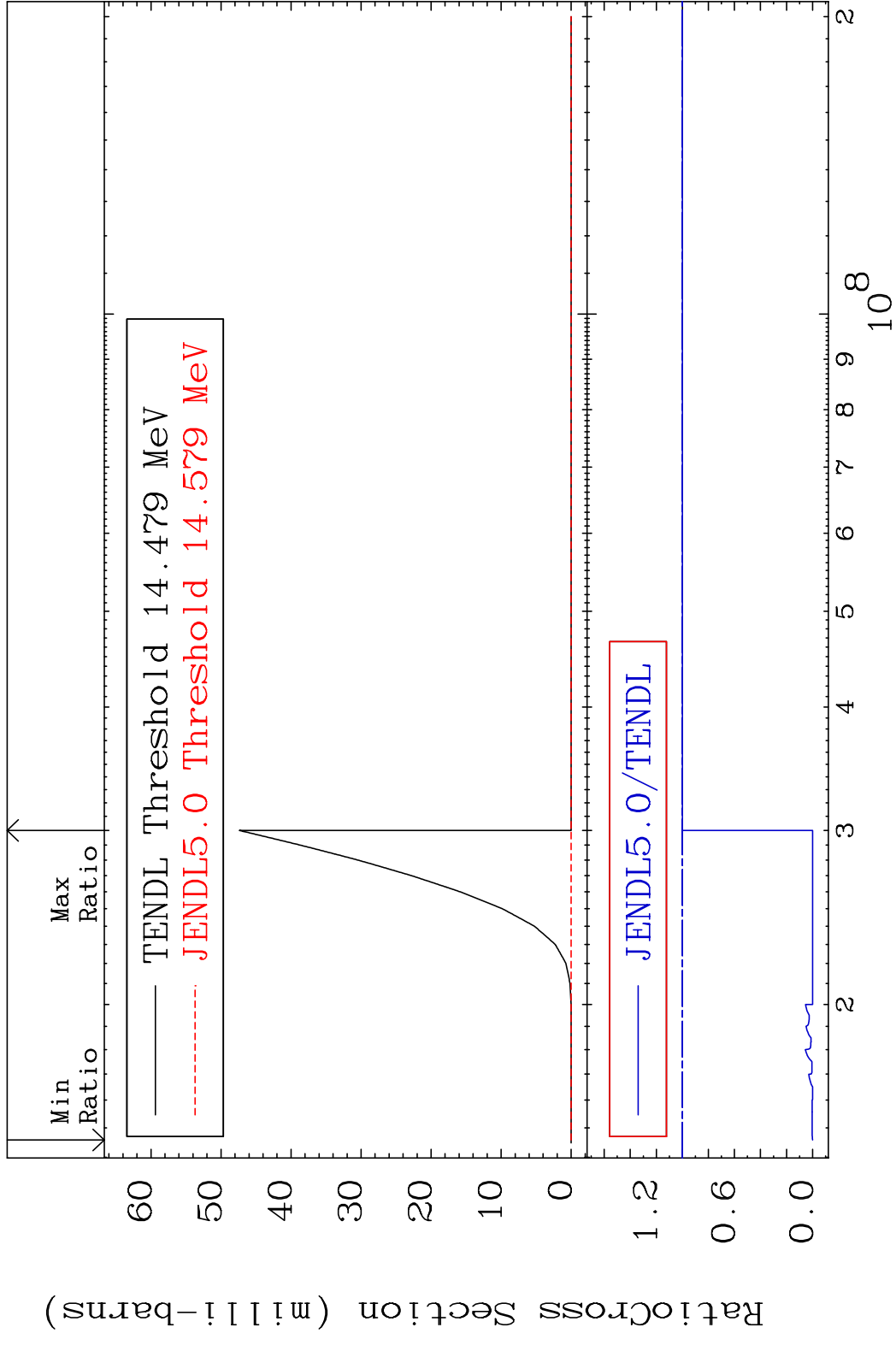


MAT 7425

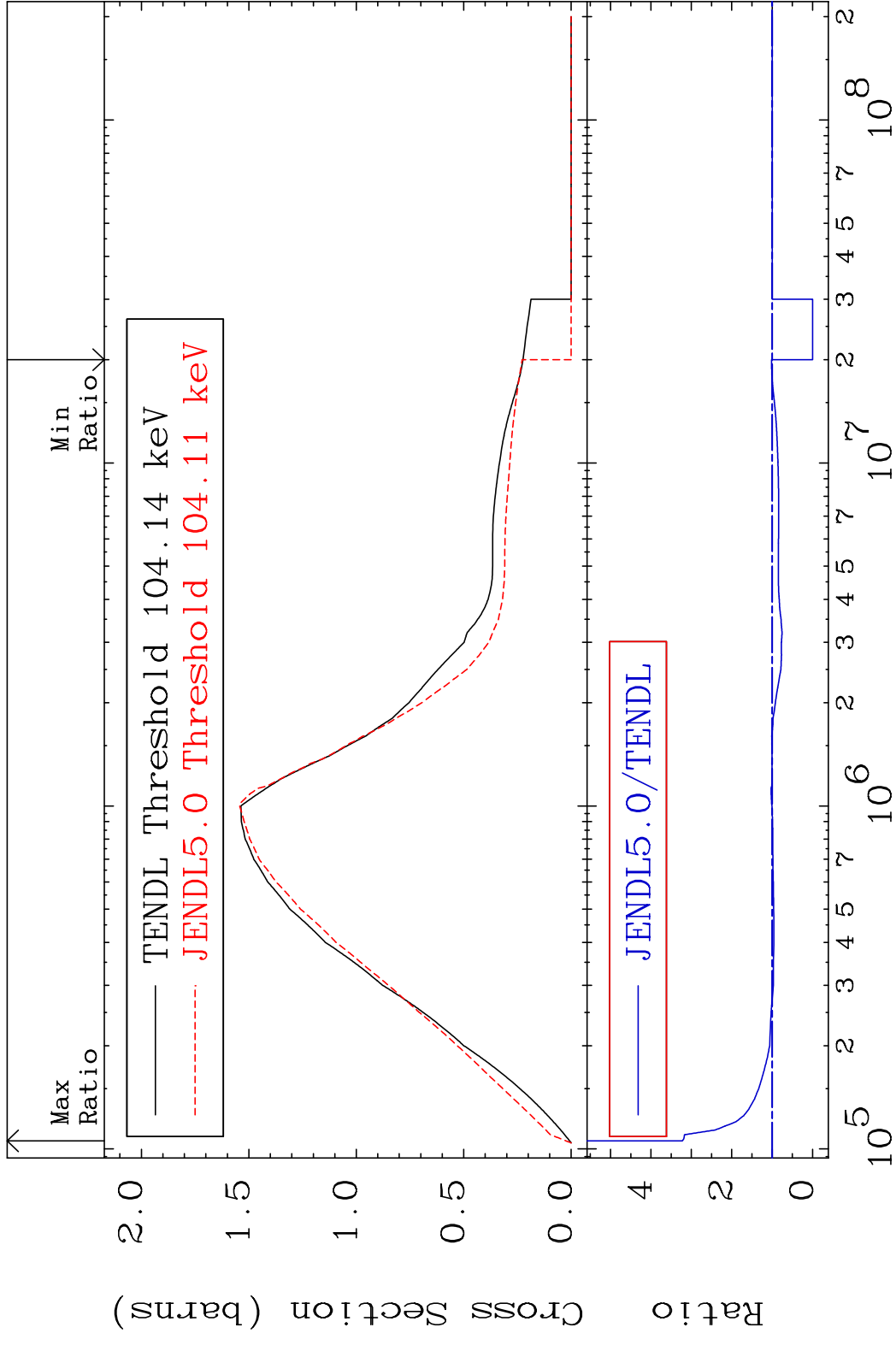
(n,2n) p

74-W -180

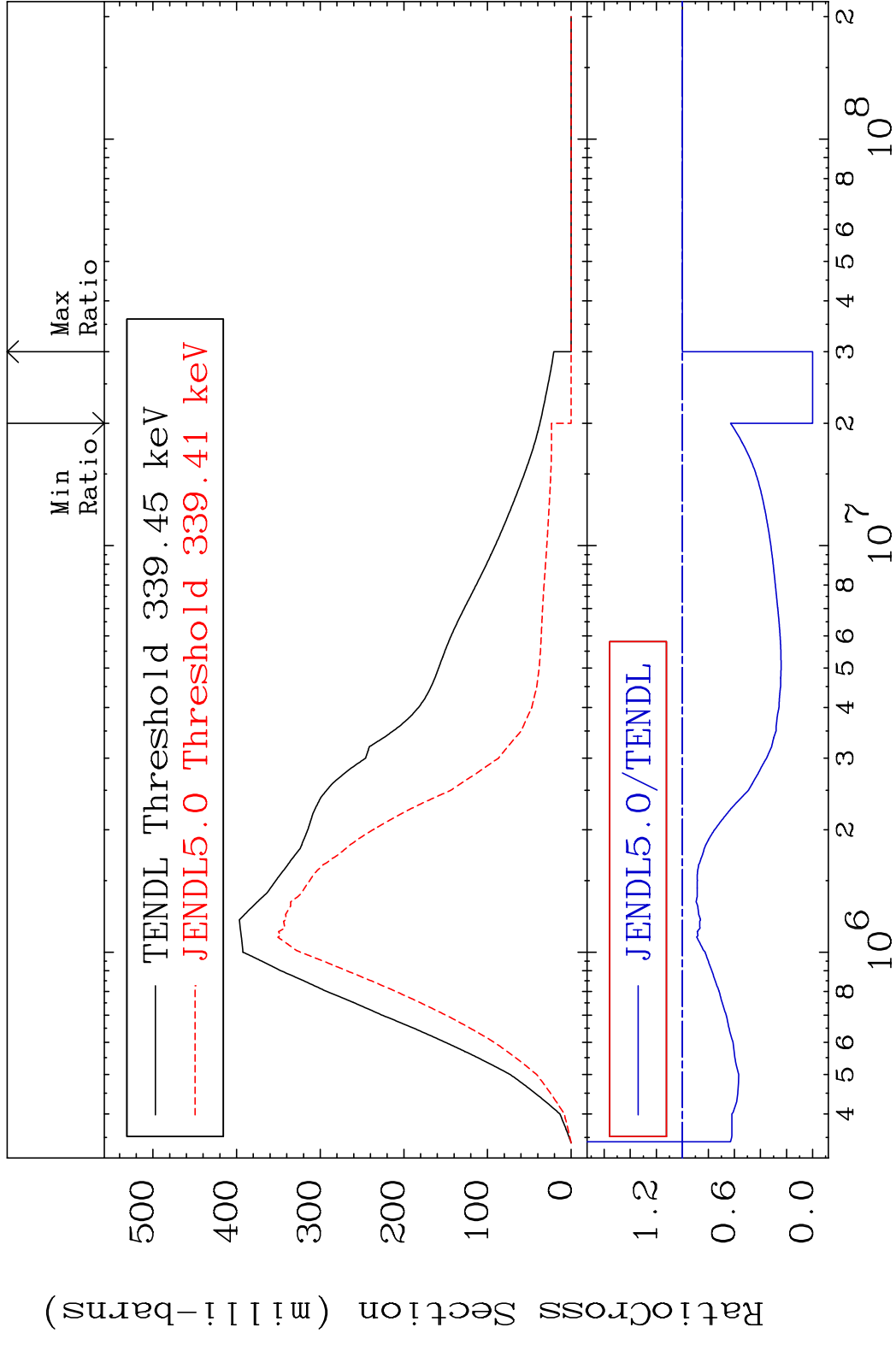
Cross Section -100.0 To 0.000 %



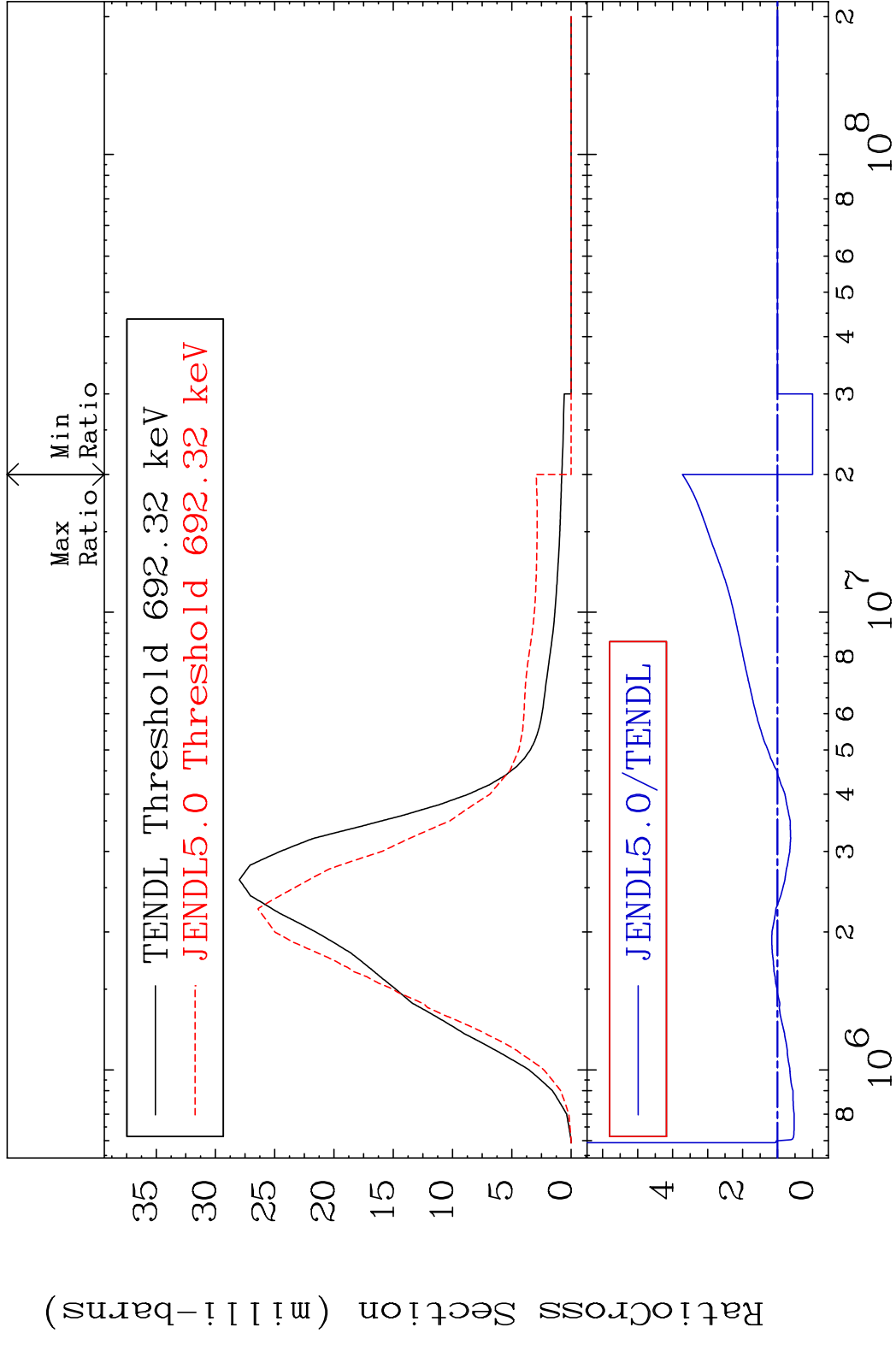
MAT 7425 MT= 51 (n, n') Level 74-W -180
 Cross Section -100.0 To 222.3 %



MAT 7425 MT= 52 (n, n') Level 74-W -180
 Cross Section -100.0 To 0.000 %

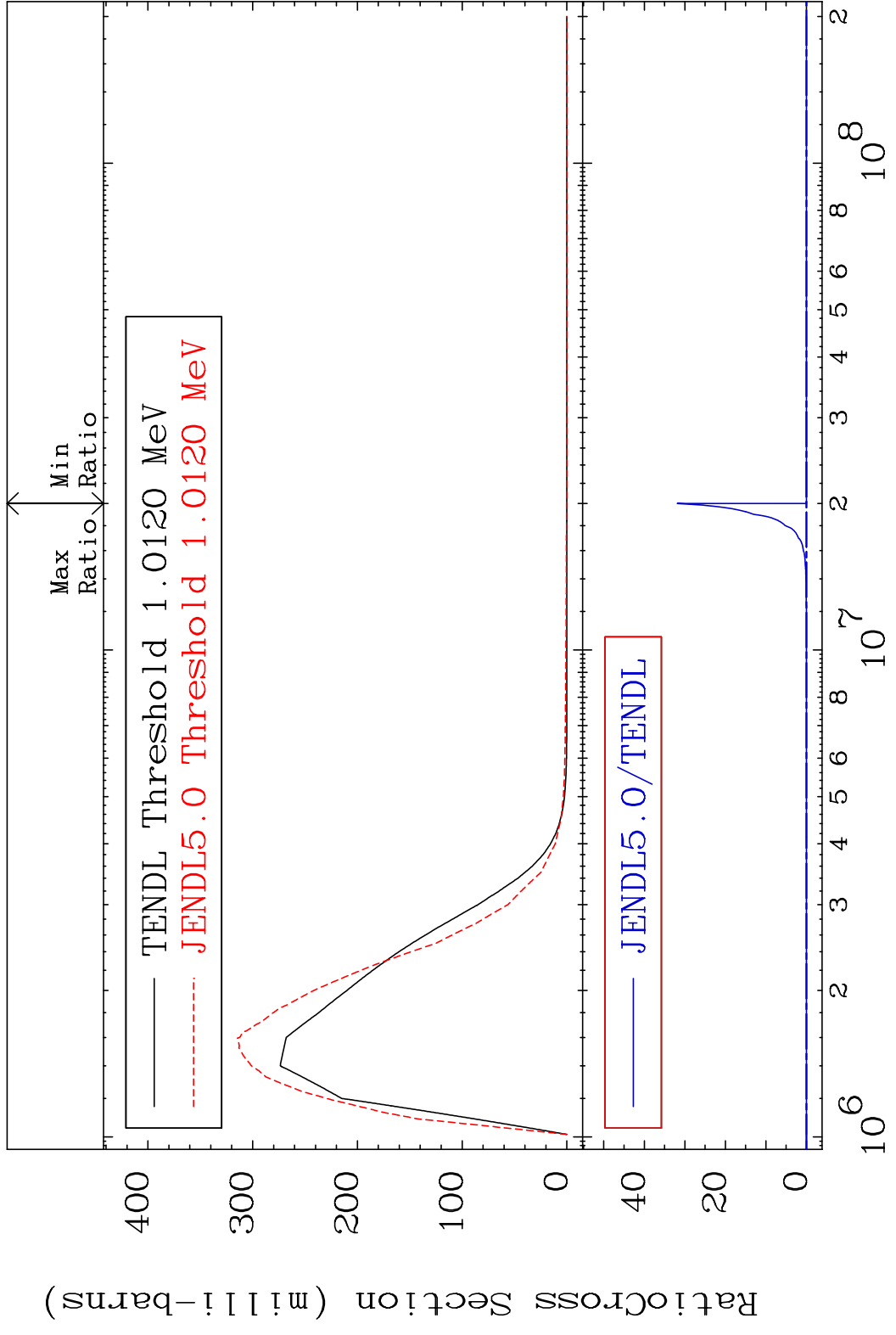


MAT 7425 MT= 53 (n, n') Level 74-W -180
 Cross Section -100.0 To 272.2 %



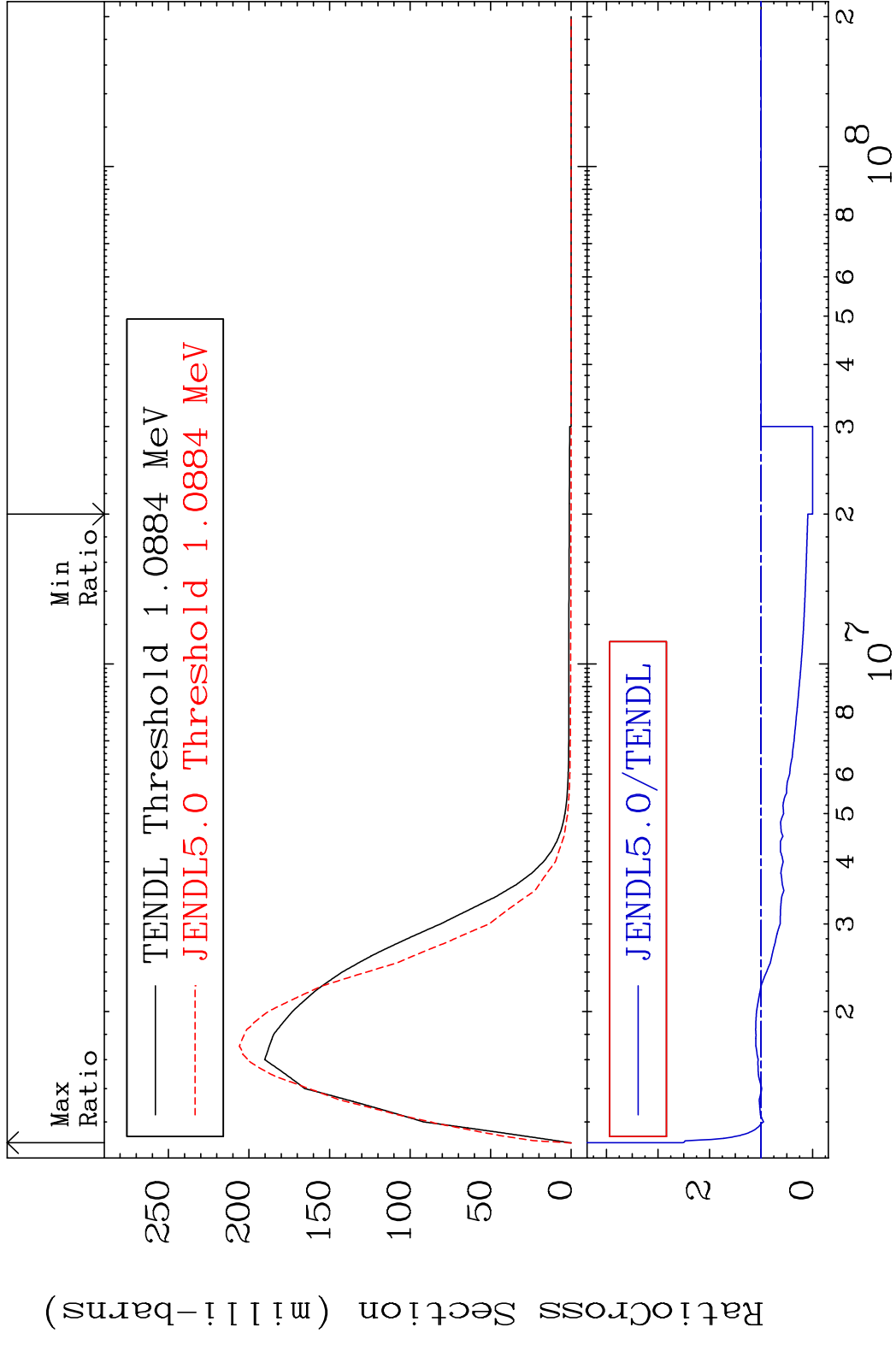
15 Incident Energy (eV) 74-W -180

MAT 7425 MT= 54 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %

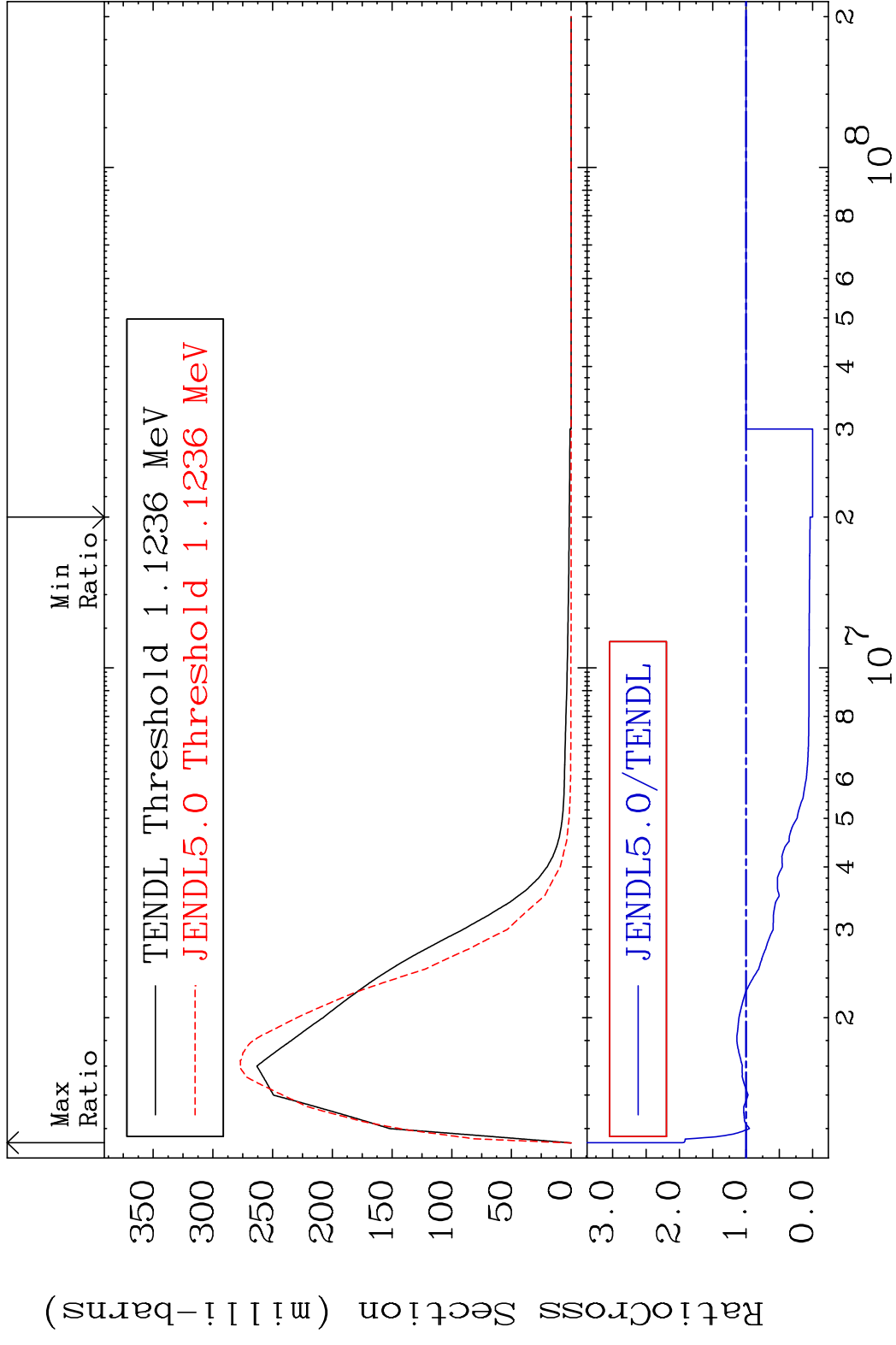


16 Incident Energy (eV) 74-W -180

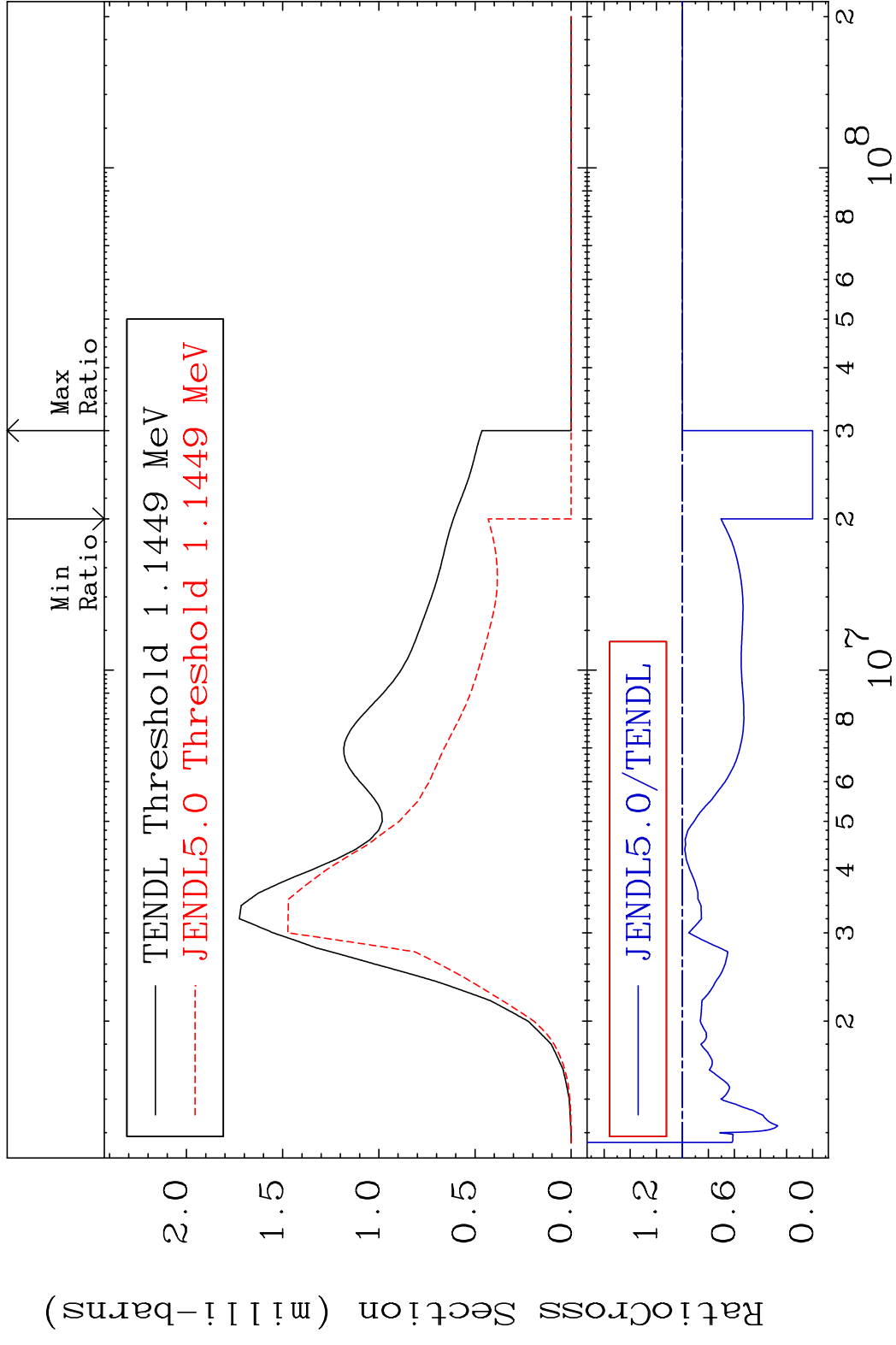
MAT 7425 MT= 55 (n, n') Level 74-W -180
 Cross Section -100.0 To 152.6 %



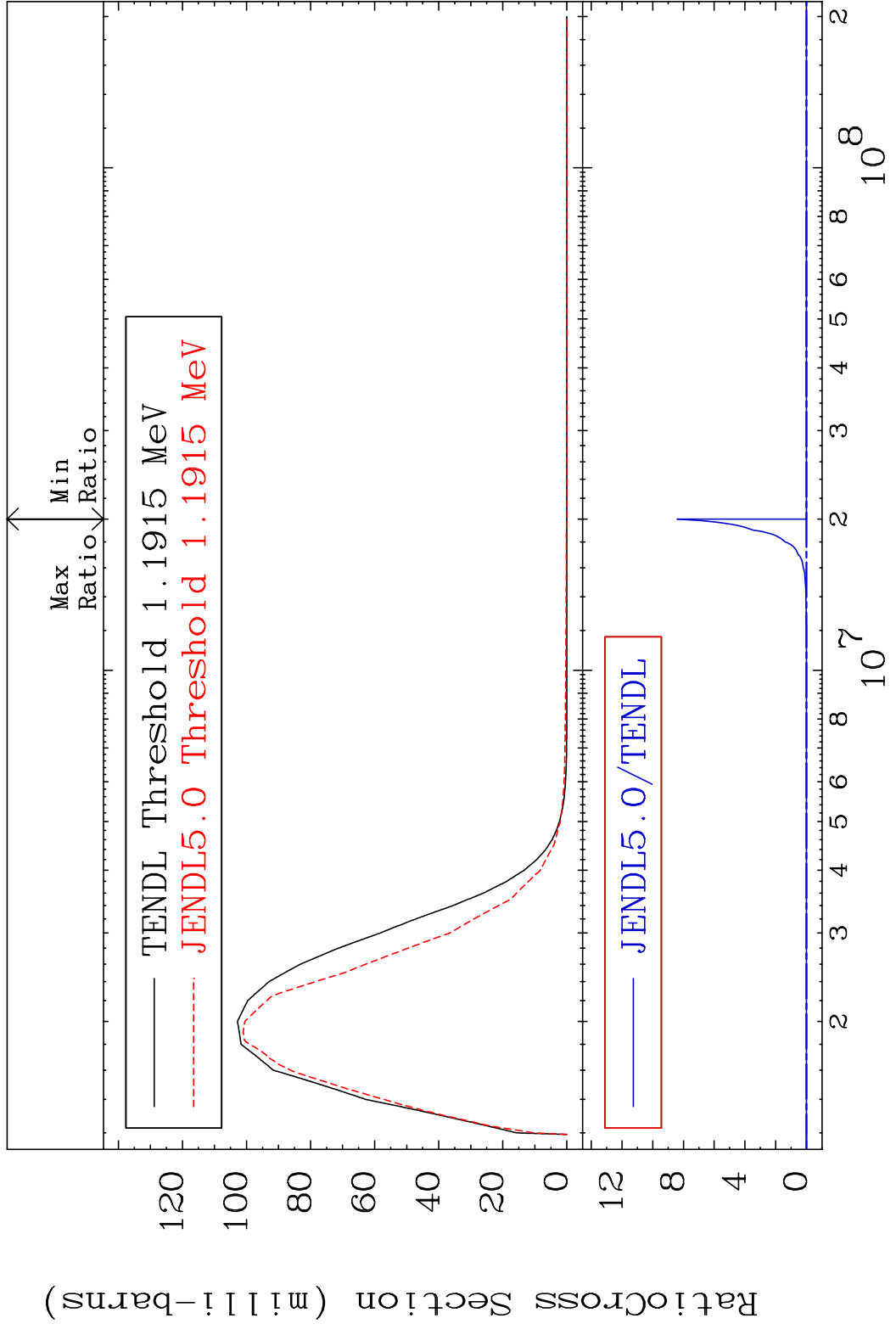
MAT 7425 MT= 56 (n, n') Level 74-W -180
 Cross Section -100.0 To 95.46 %



MAT 7425 MT= 57 (n, n') Level 74-W -180
 Cross Section -100.0 To 0.000 %

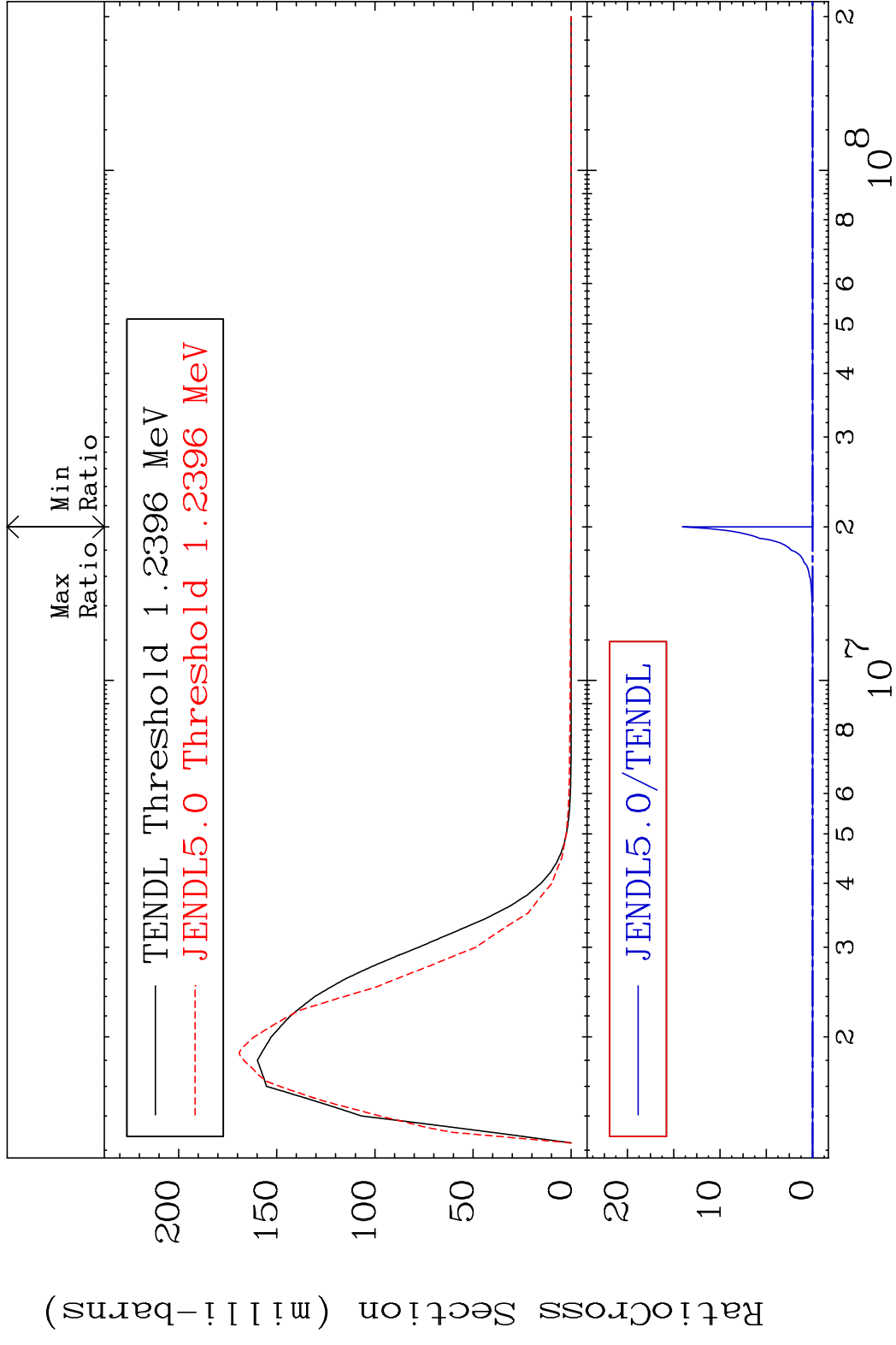


MAT 7425 MT= 58 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %

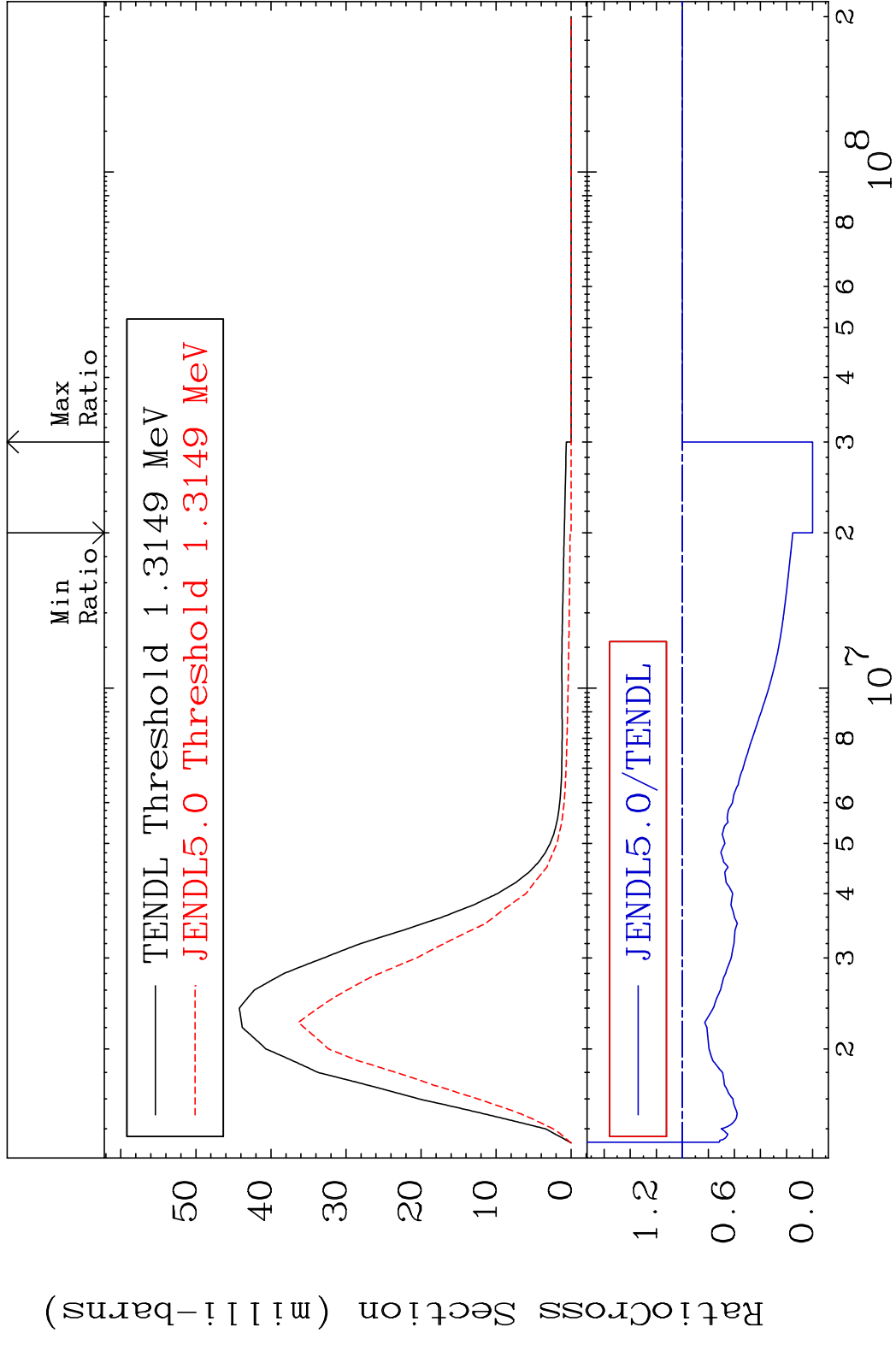


20 Incident Energy (eV) 74-W -180

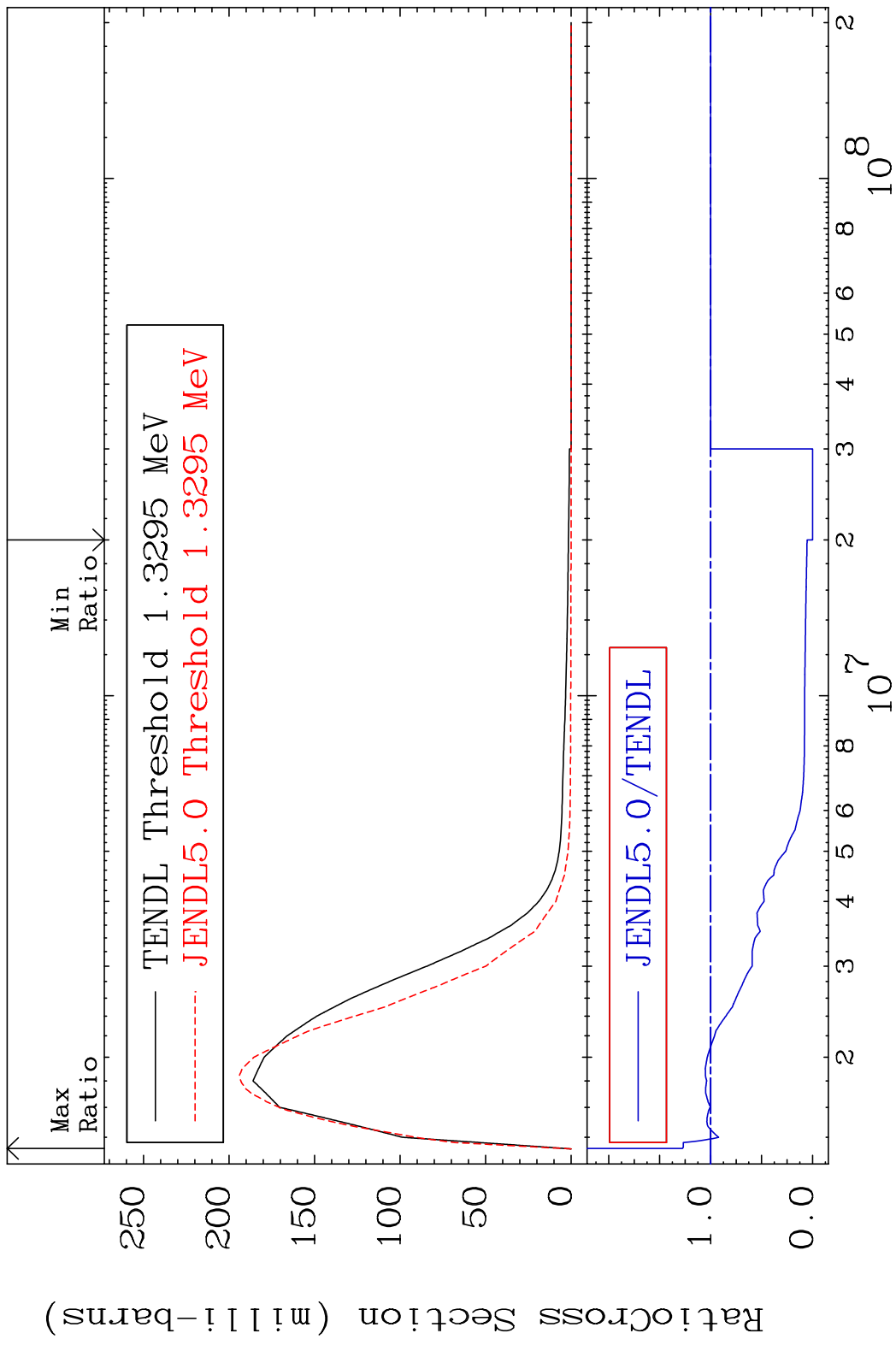
MAT 7425 MT= 59 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %



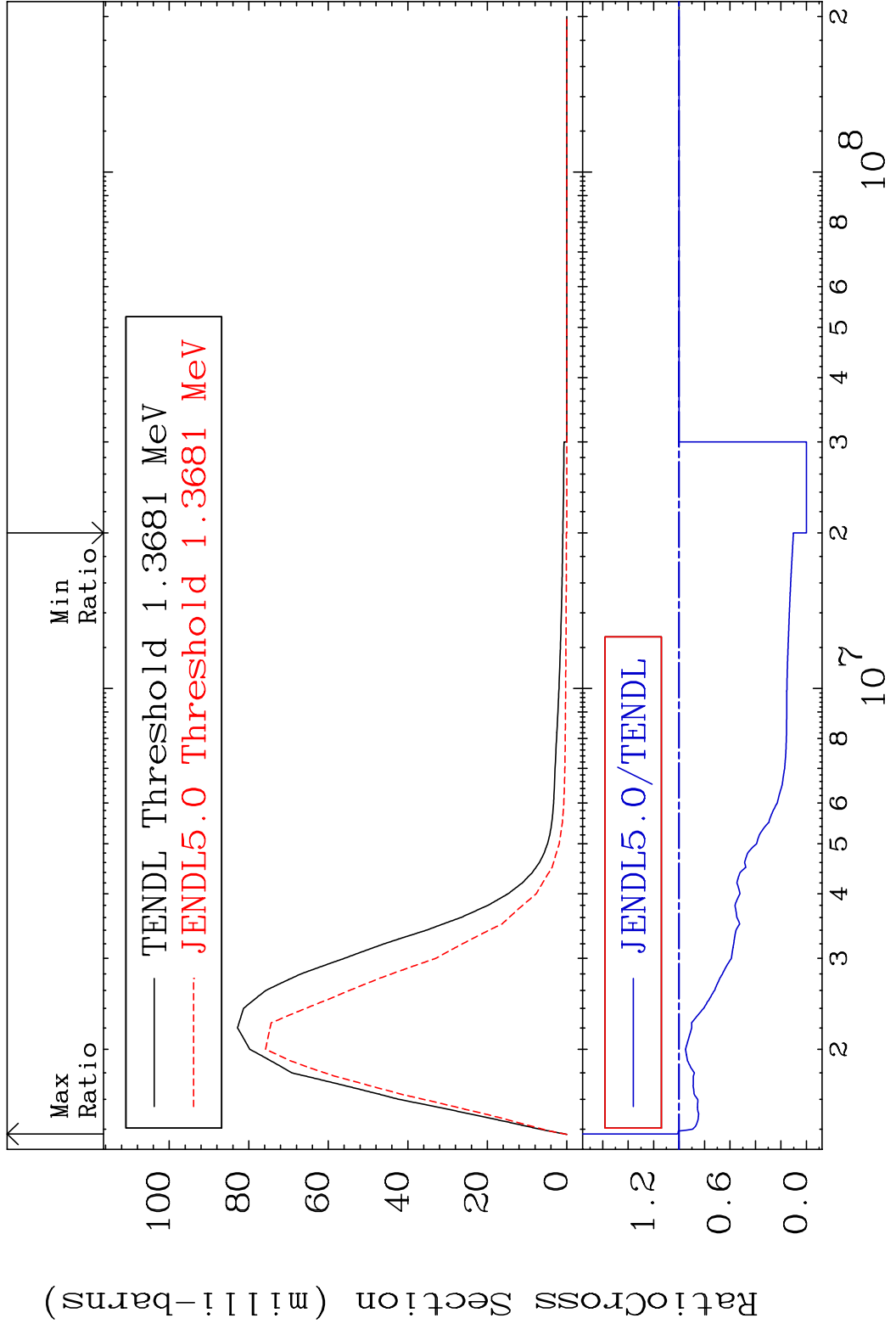
MAT 7425 MT= 60 (n, n') Level 74-W -180
 Cross Section -100.0 To 0.000 %



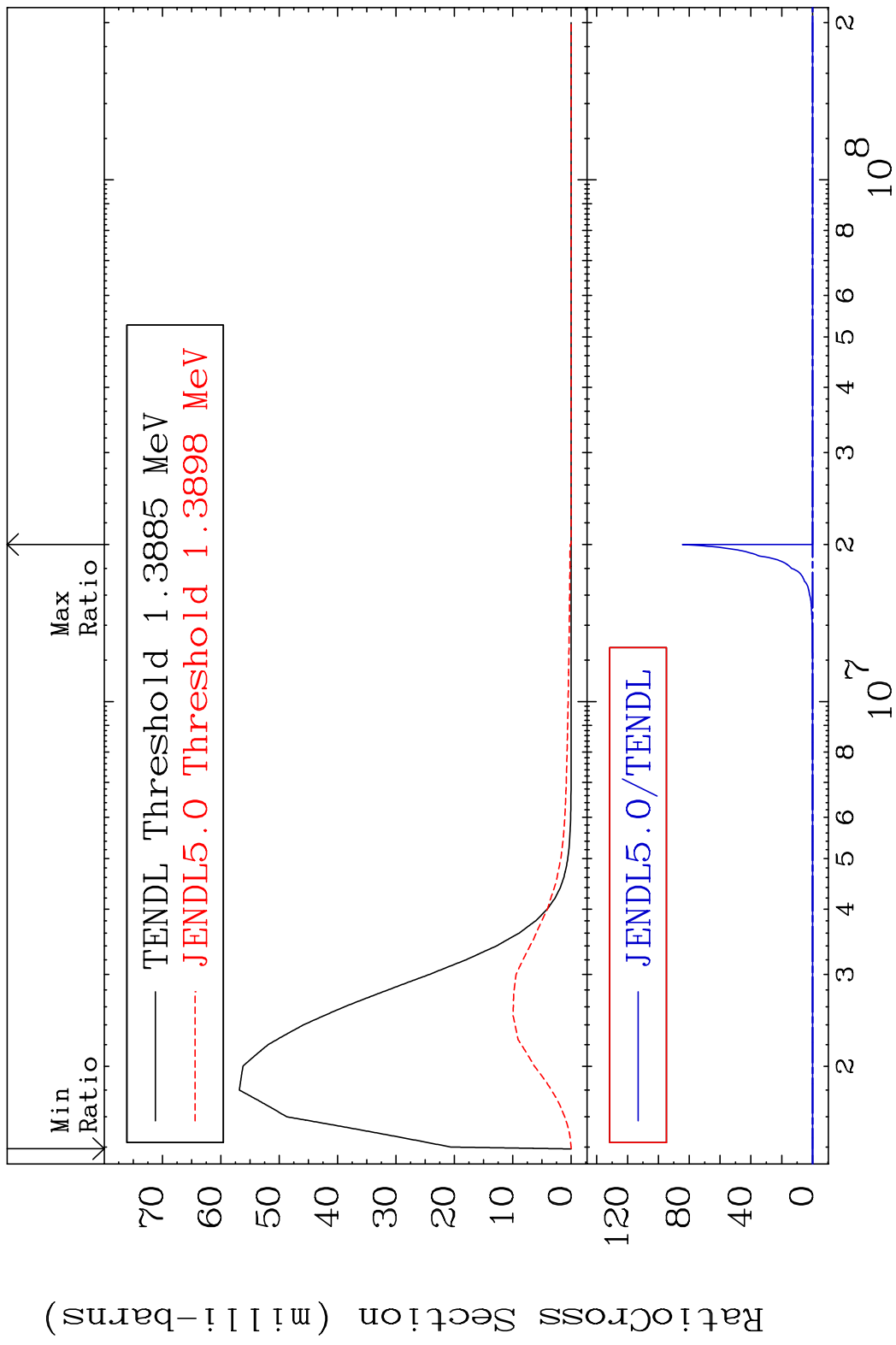
MAT 7425 MT= 61 (n, n') Level 74-W -180
 Cross Section -100.0 To 27.75 %



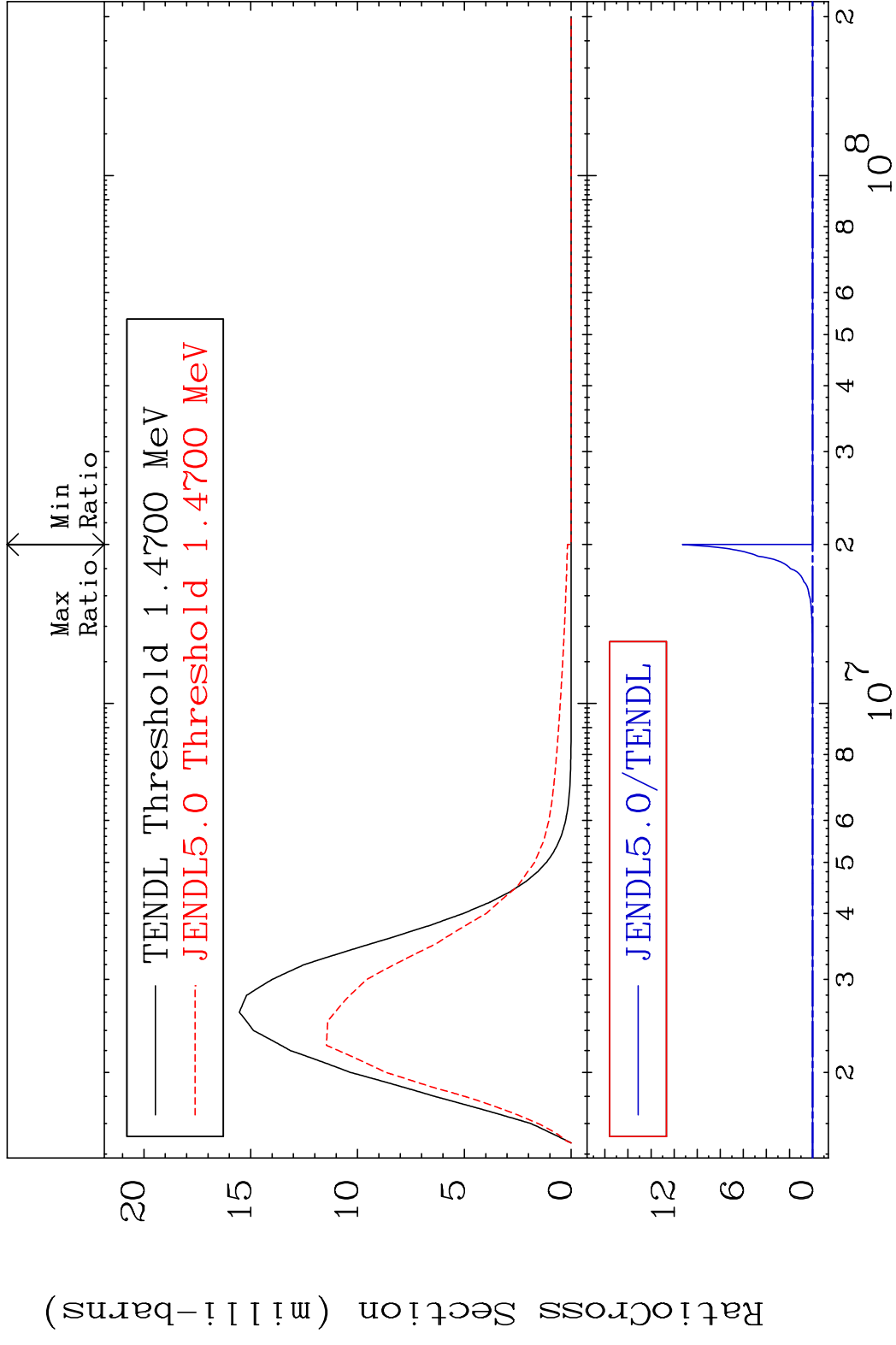
MAT 7425 MT= 62 (n, n') Level 74-W -180
 Cross Section -100.0 To 1.507 %



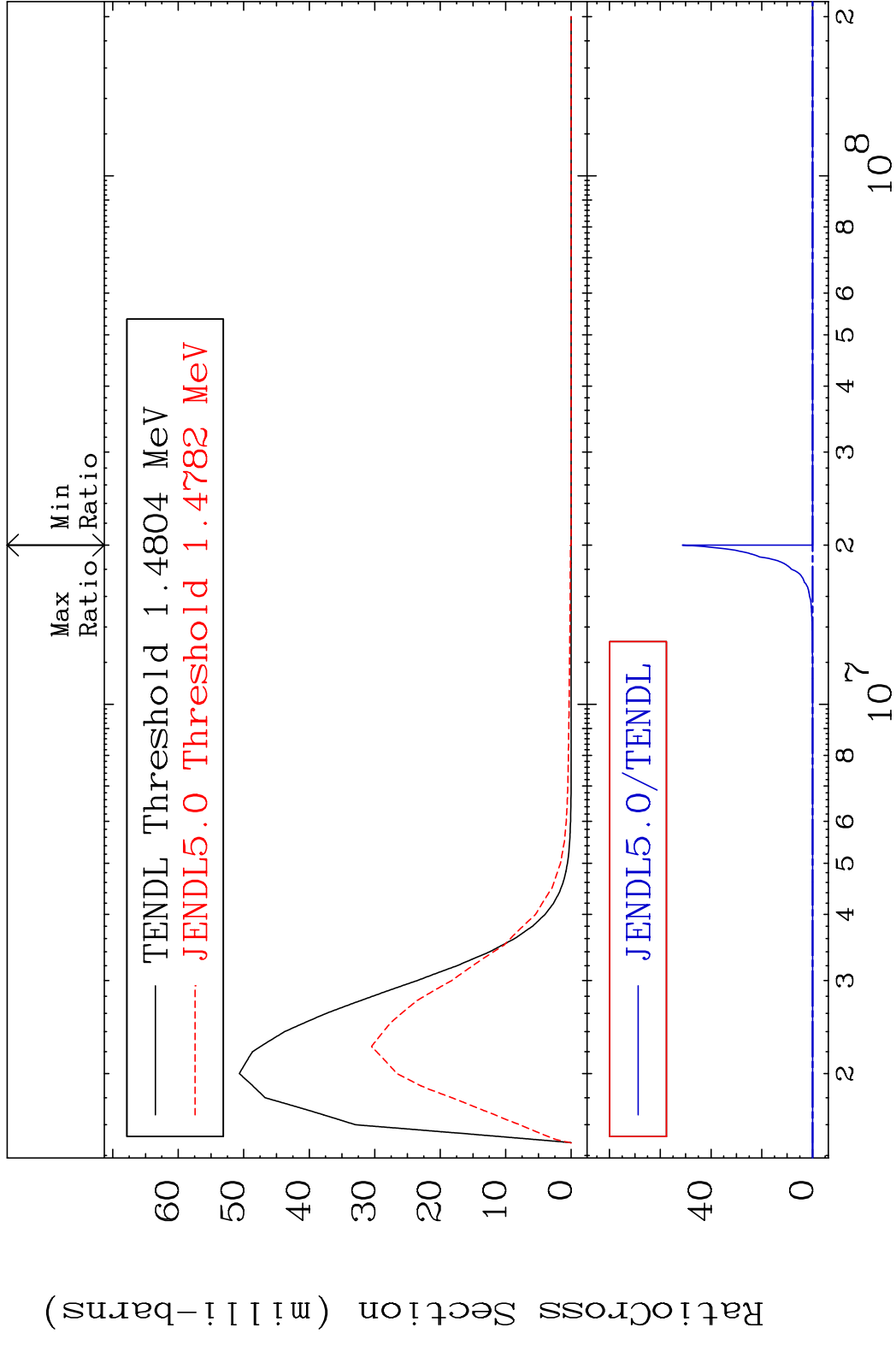
MAT 7425 MT= 63 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %



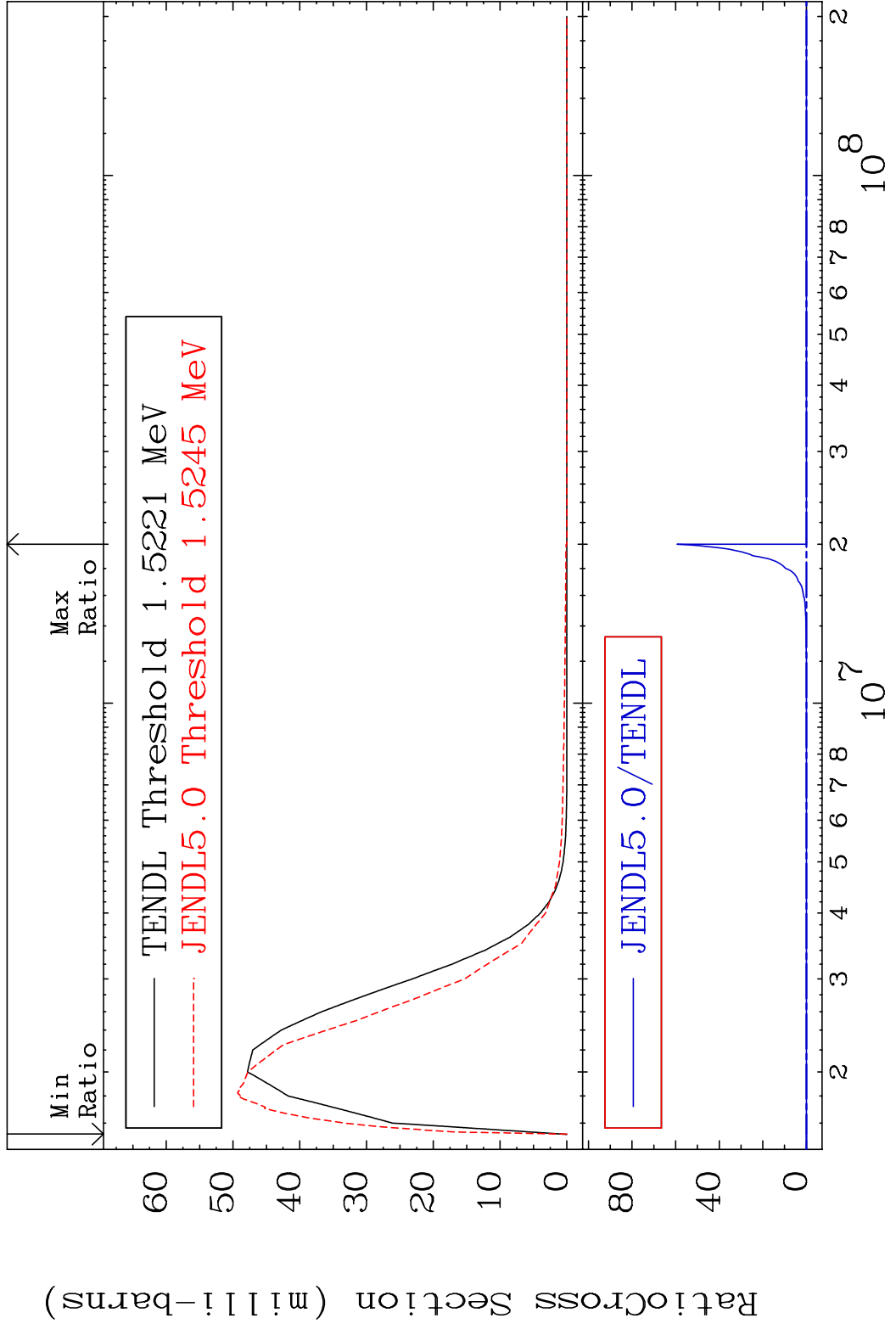
MAT 7425 MT= 64 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %



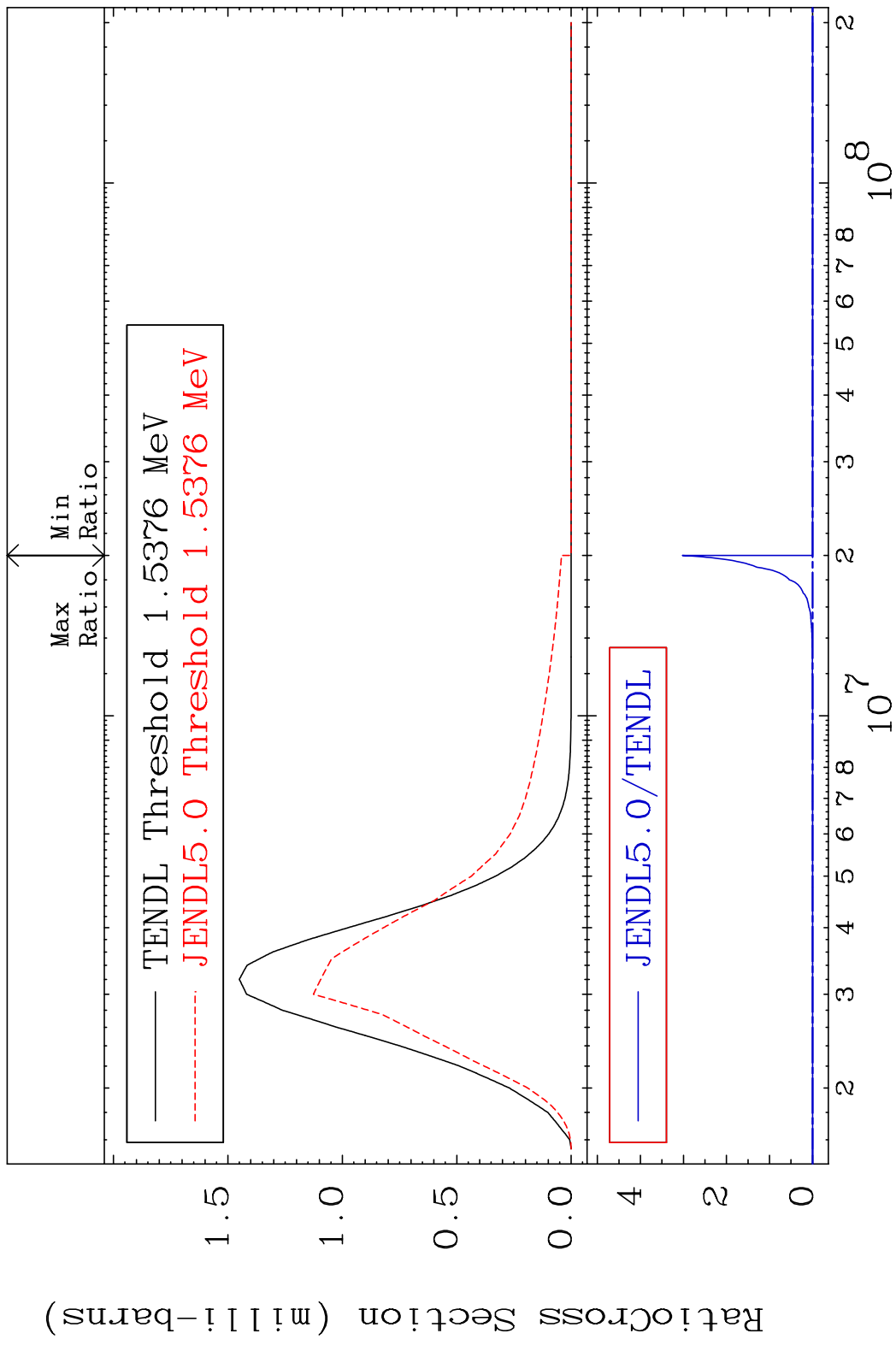
MAT 7425 MT= 65 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %



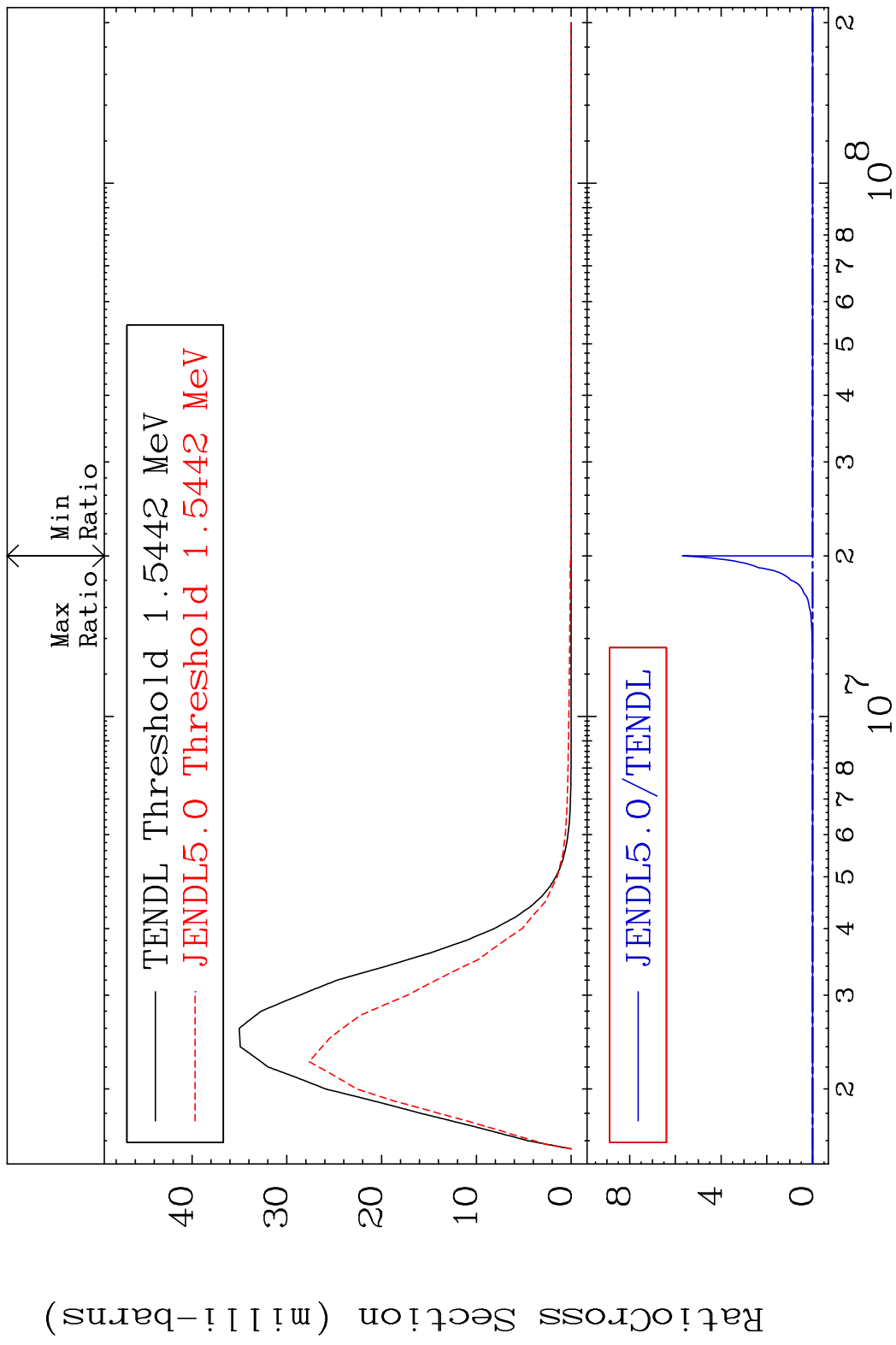
MAT 7425 MT= 66 (n,n') Level 74-W -180
 Cross Section -100.0 To 9999. %



MAT 7425 MT= 67 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %

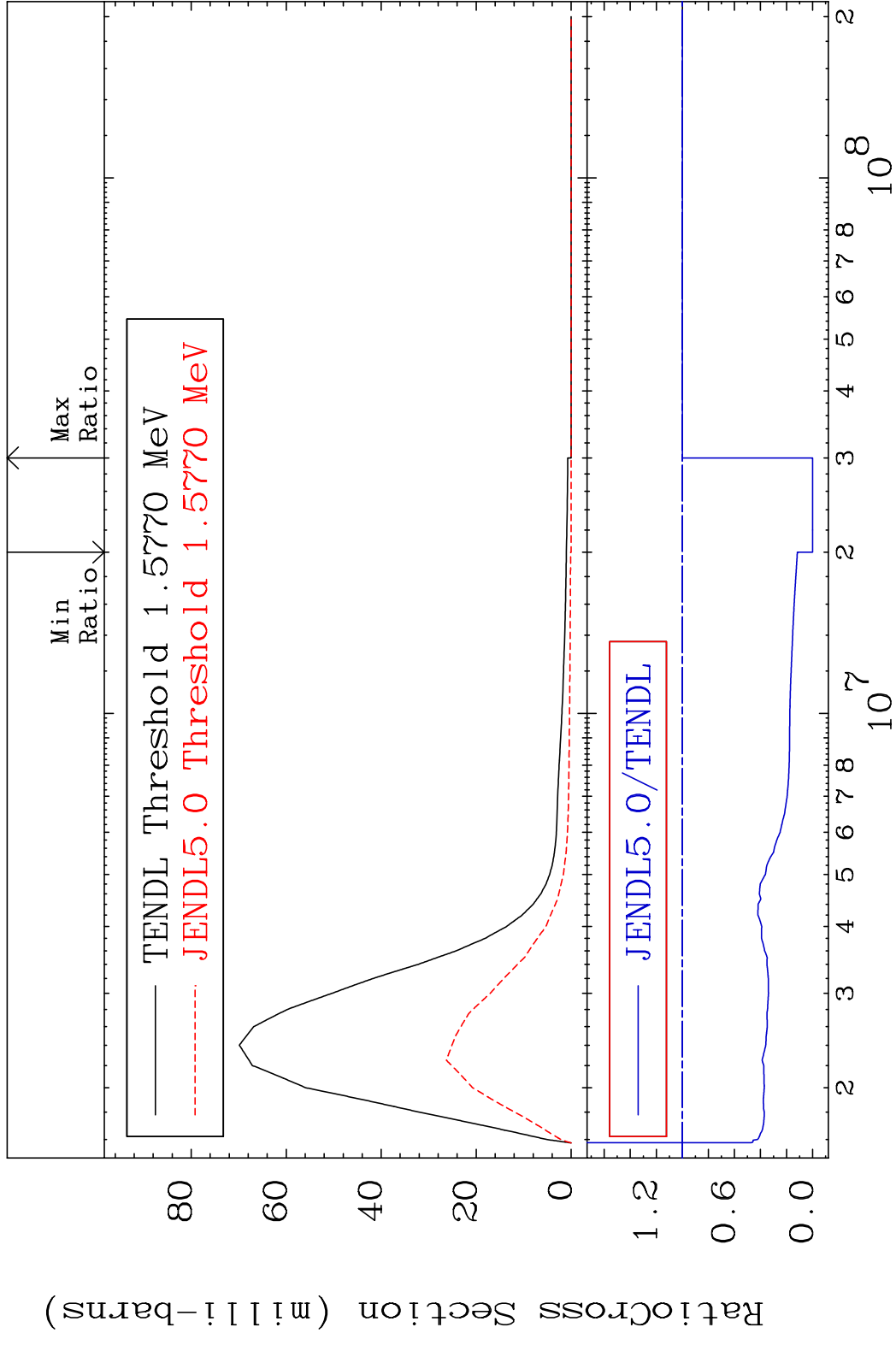


MAT 7425 MT= 68 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %

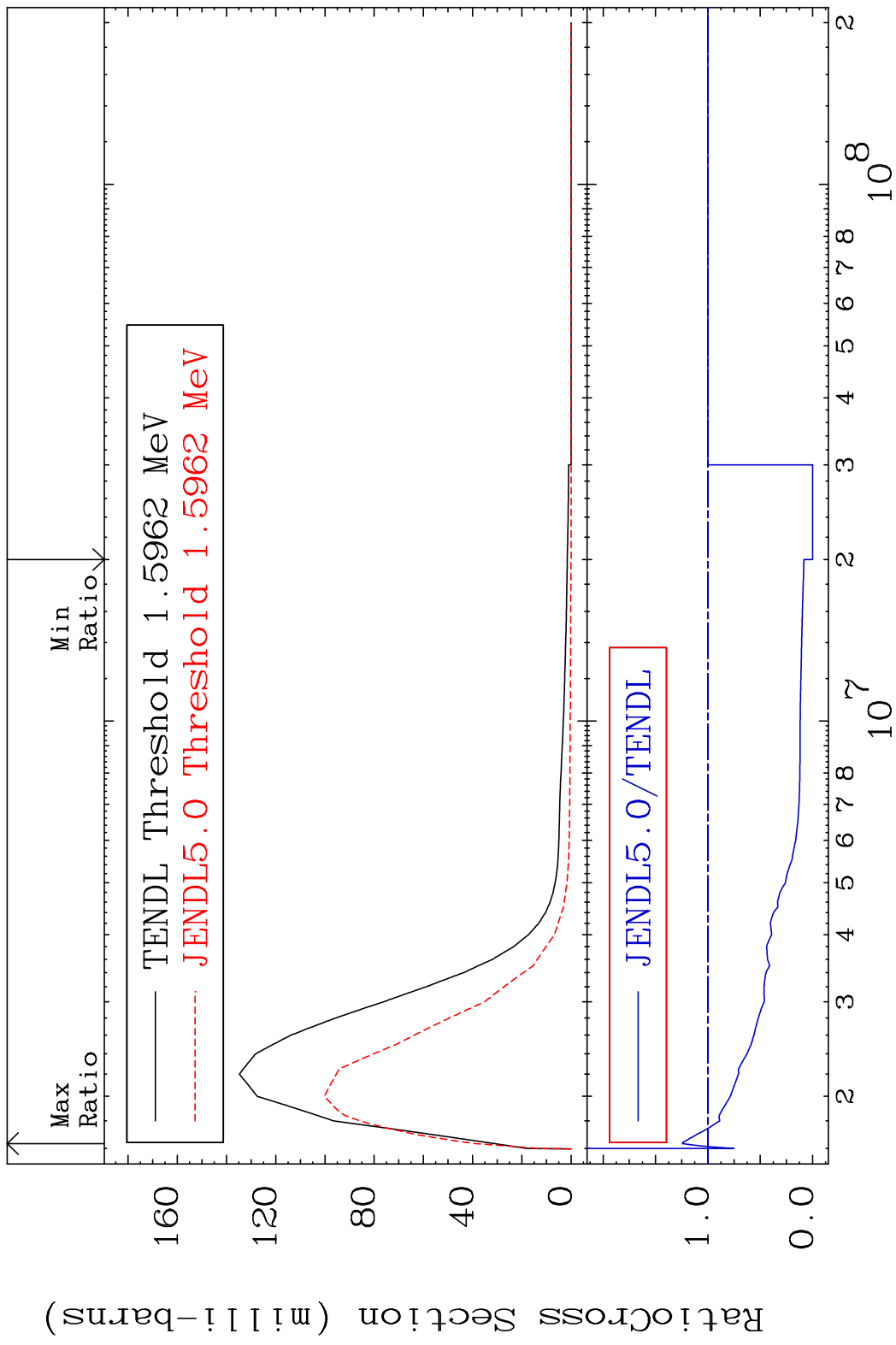


30 Incident Energy (eV) 74-W -180

MAT 7425 MT= 69 (n, n') Level 74-W -180
 Cross Section -100.0 To 0.000 %

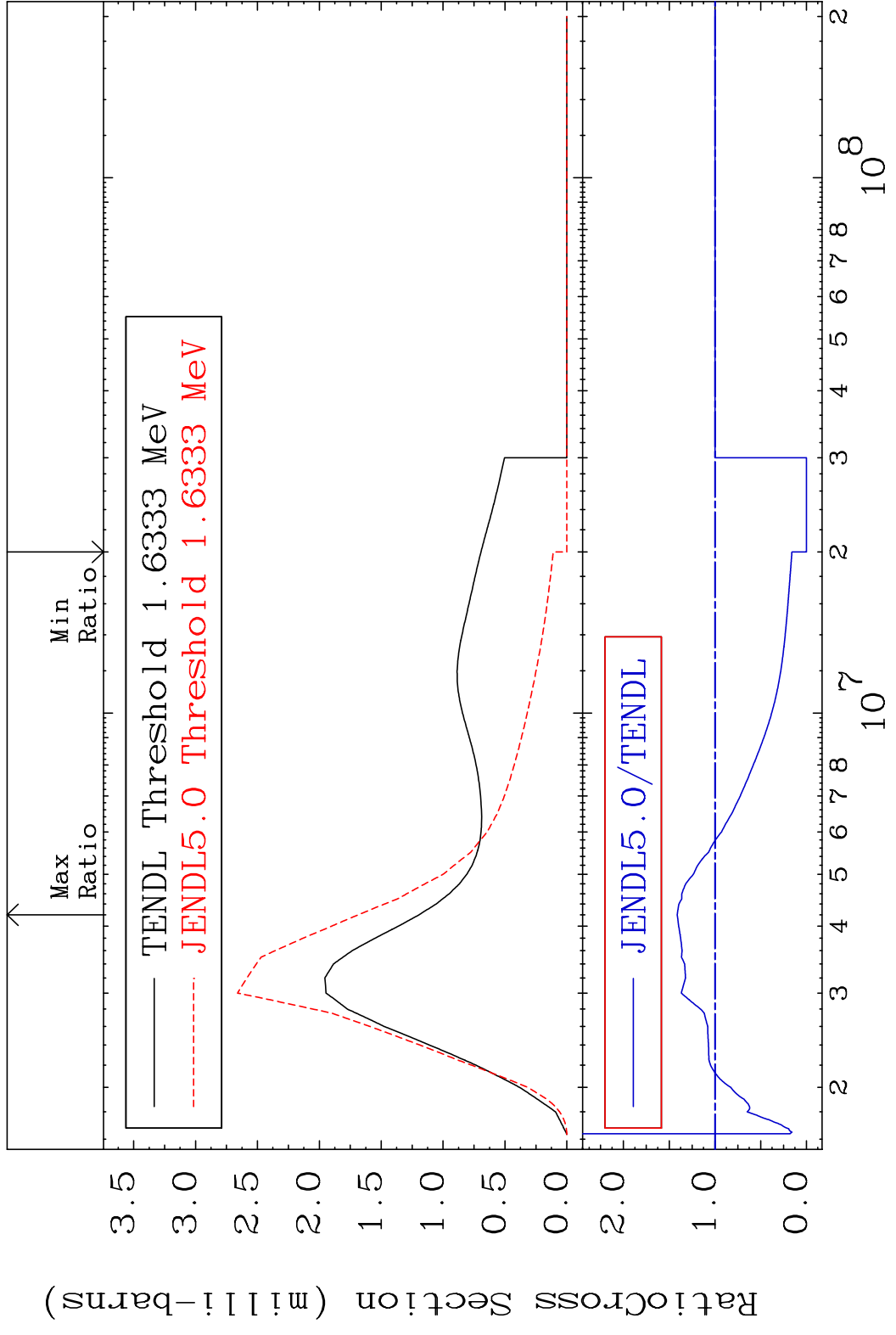


MAT 7425 MT= 70 (n, n') Level 74-W -180
 Cross Section -100.0 To 24.38 %

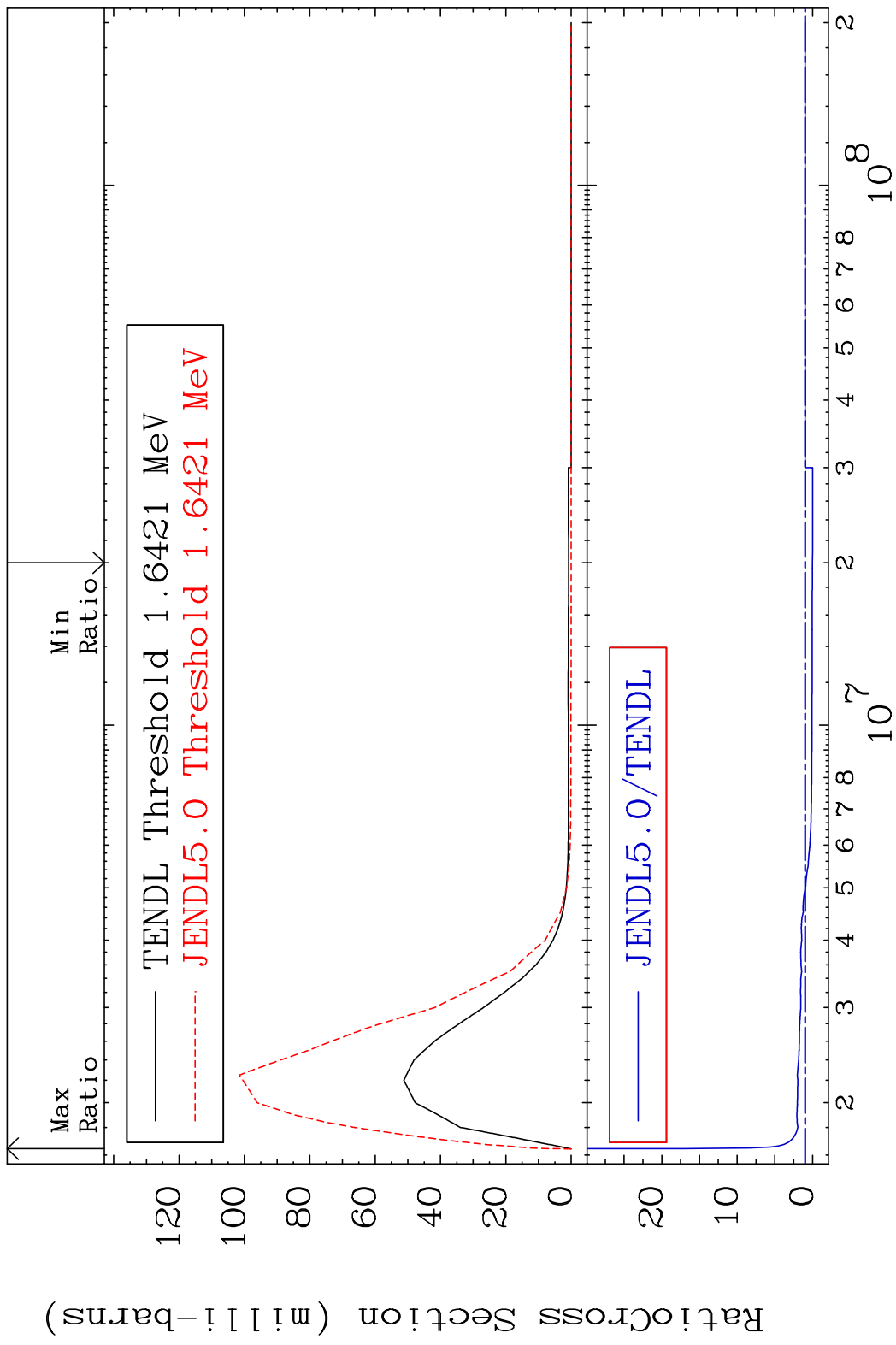


32 Incident Energy (eV) 74-W -180

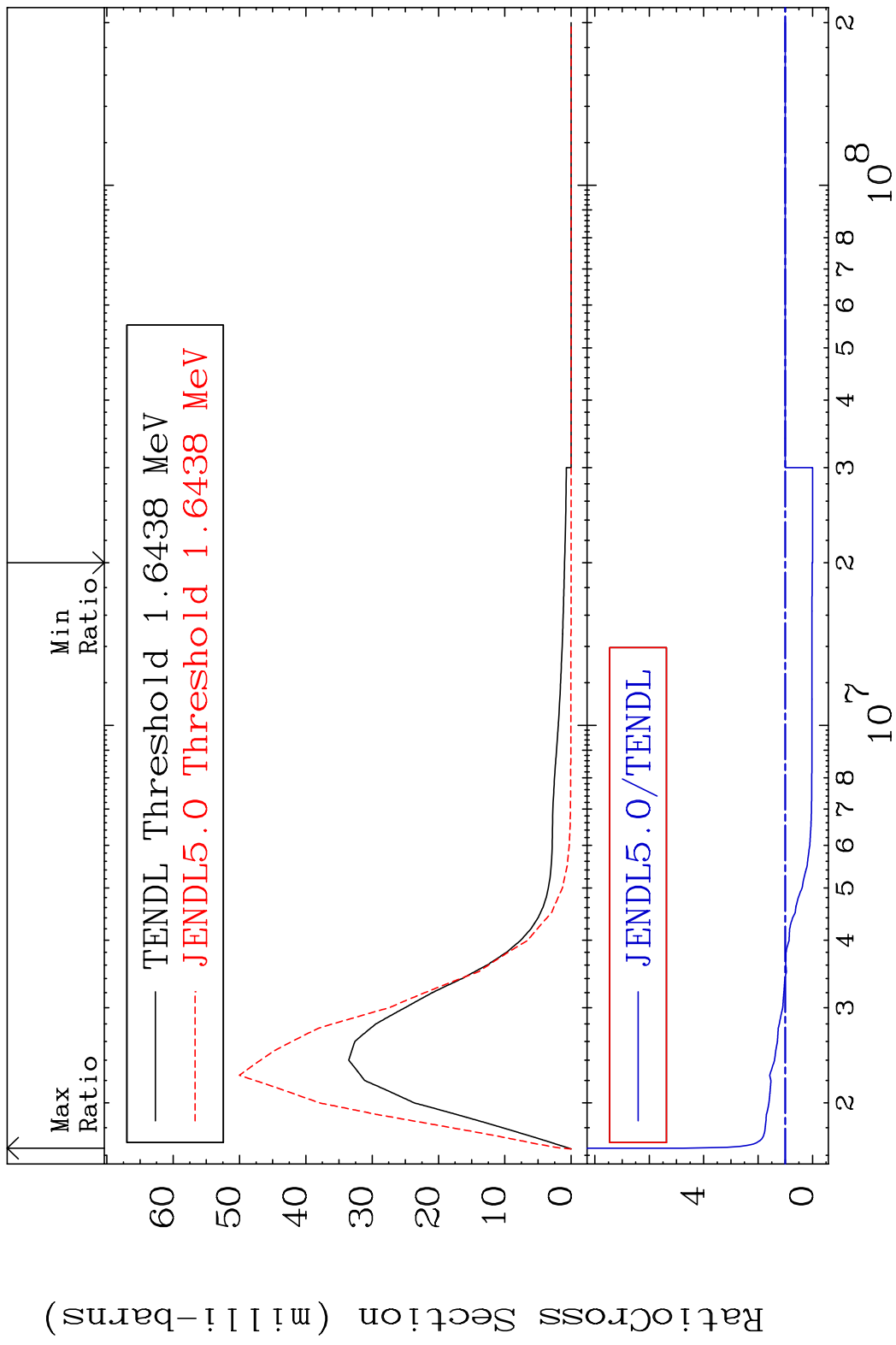
MAT 7425 MT= 71 (n, n') Level 74-W -180
 Cross Section -100.0 To 41.26 %



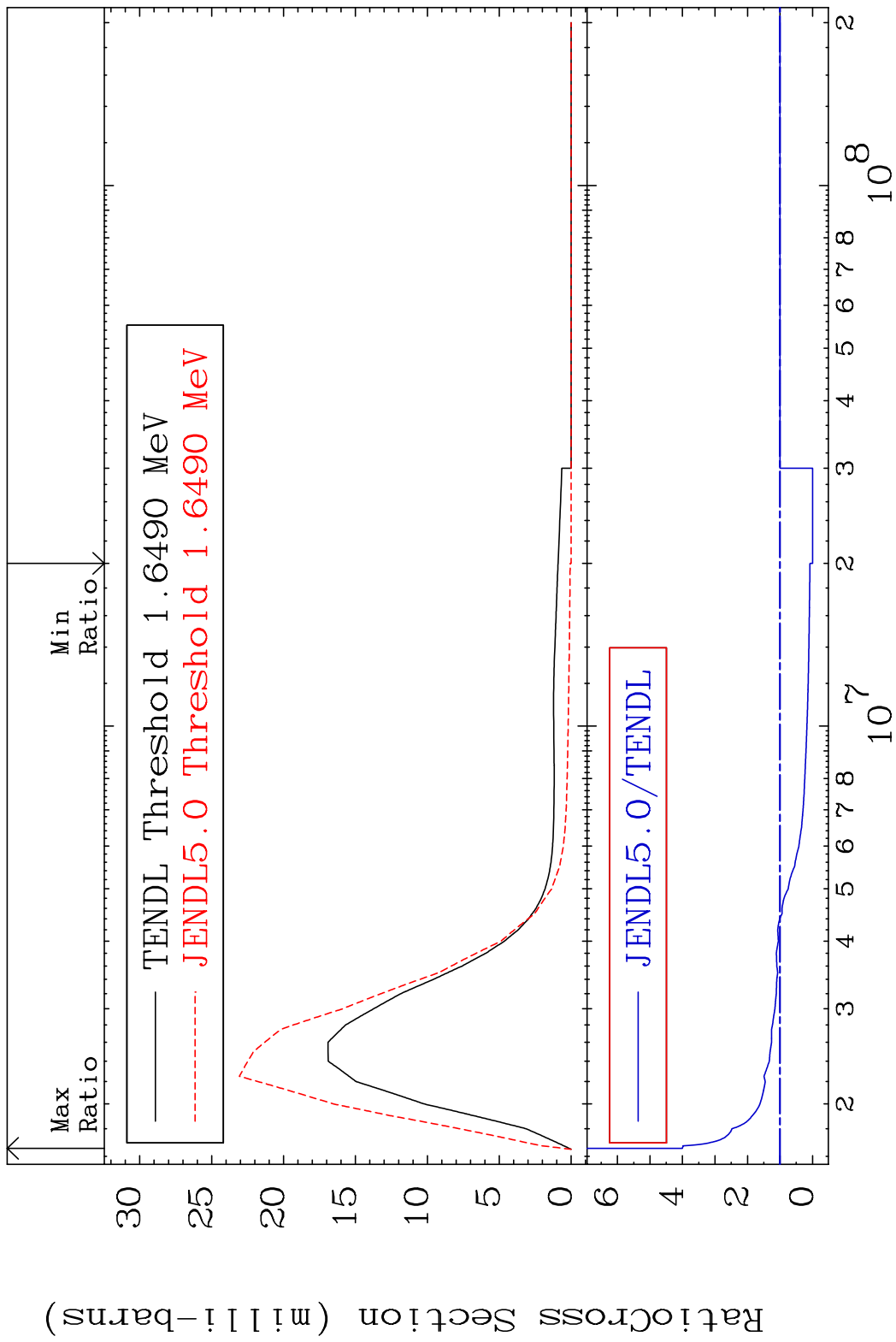
MAT 7425 MT= 72 (n, n') Level 74-W -180
 Cross Section -100.0 To 1627. %



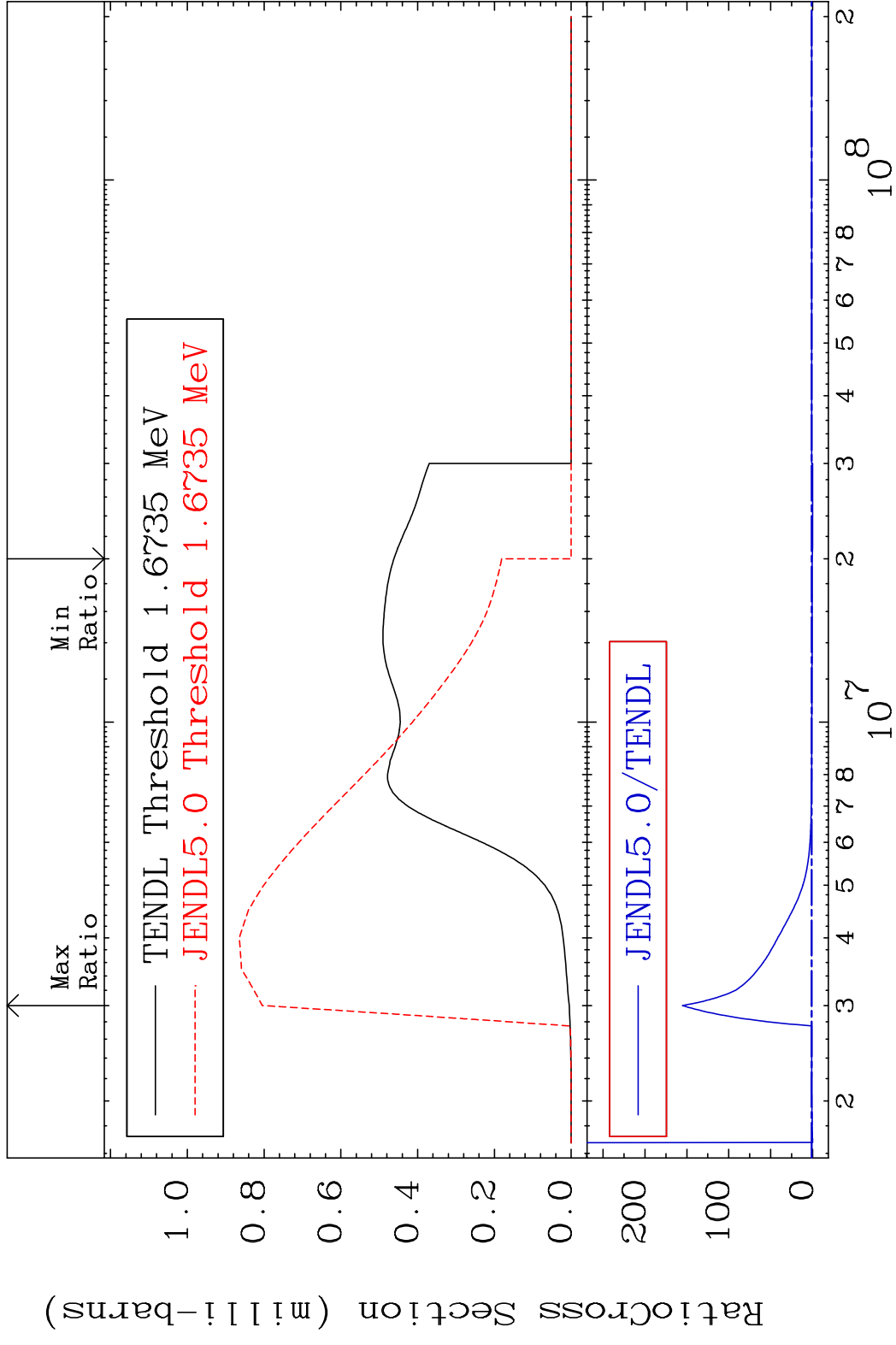
MAT 7425 MT= 73 (n, n') Level 74-W -180
 Cross Section -100.0 To 378.5 %



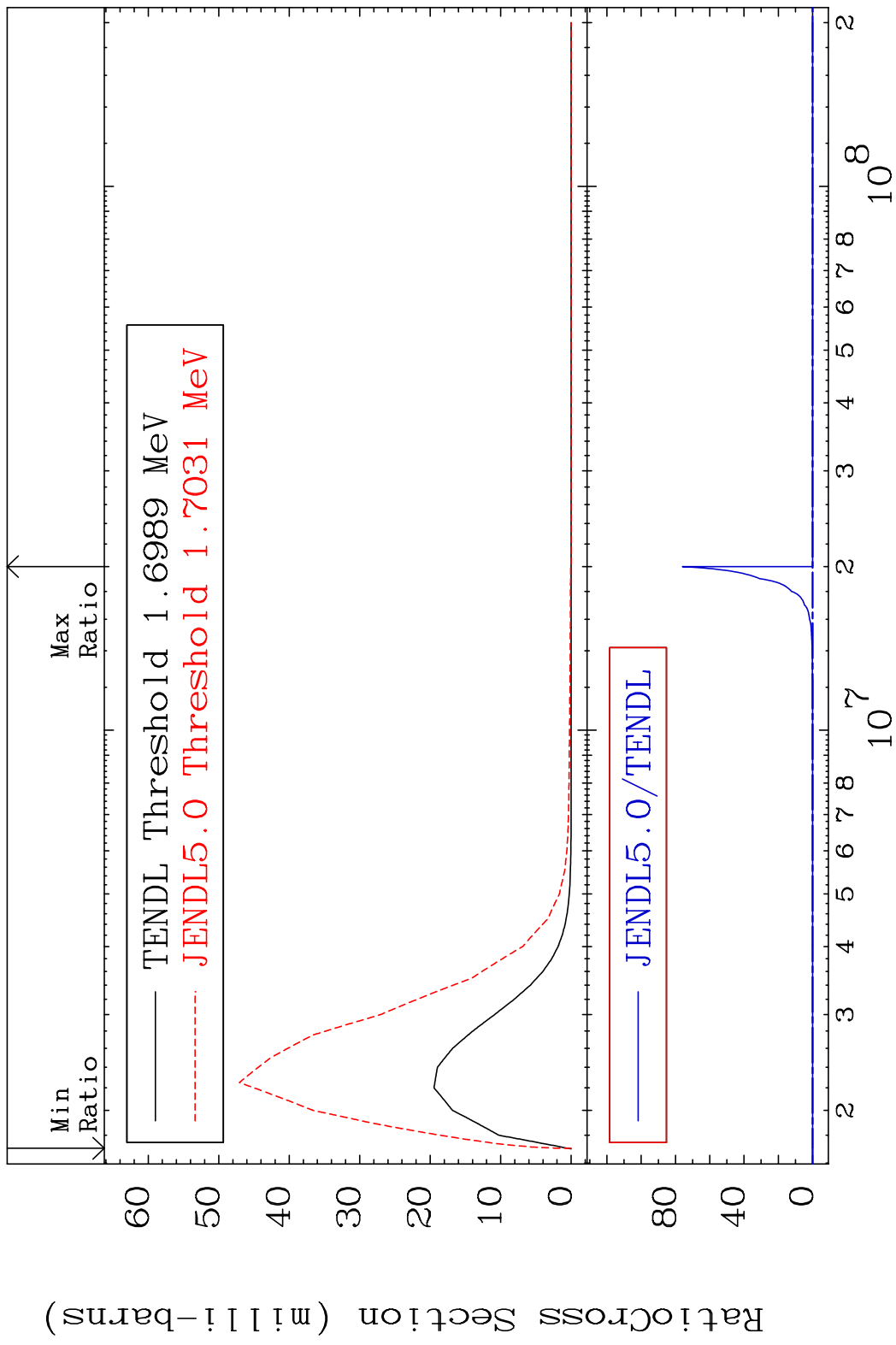
MAT 7425 MT= 74 (n,n') Level 74-W -180
 Cross Section -100.0 To 300.4 %



MAT 7425 MT= 75 (n,n') Level 74-W -180
 Cross Section -100.0 To 9999. %



MAT 7425 MT= 76 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %

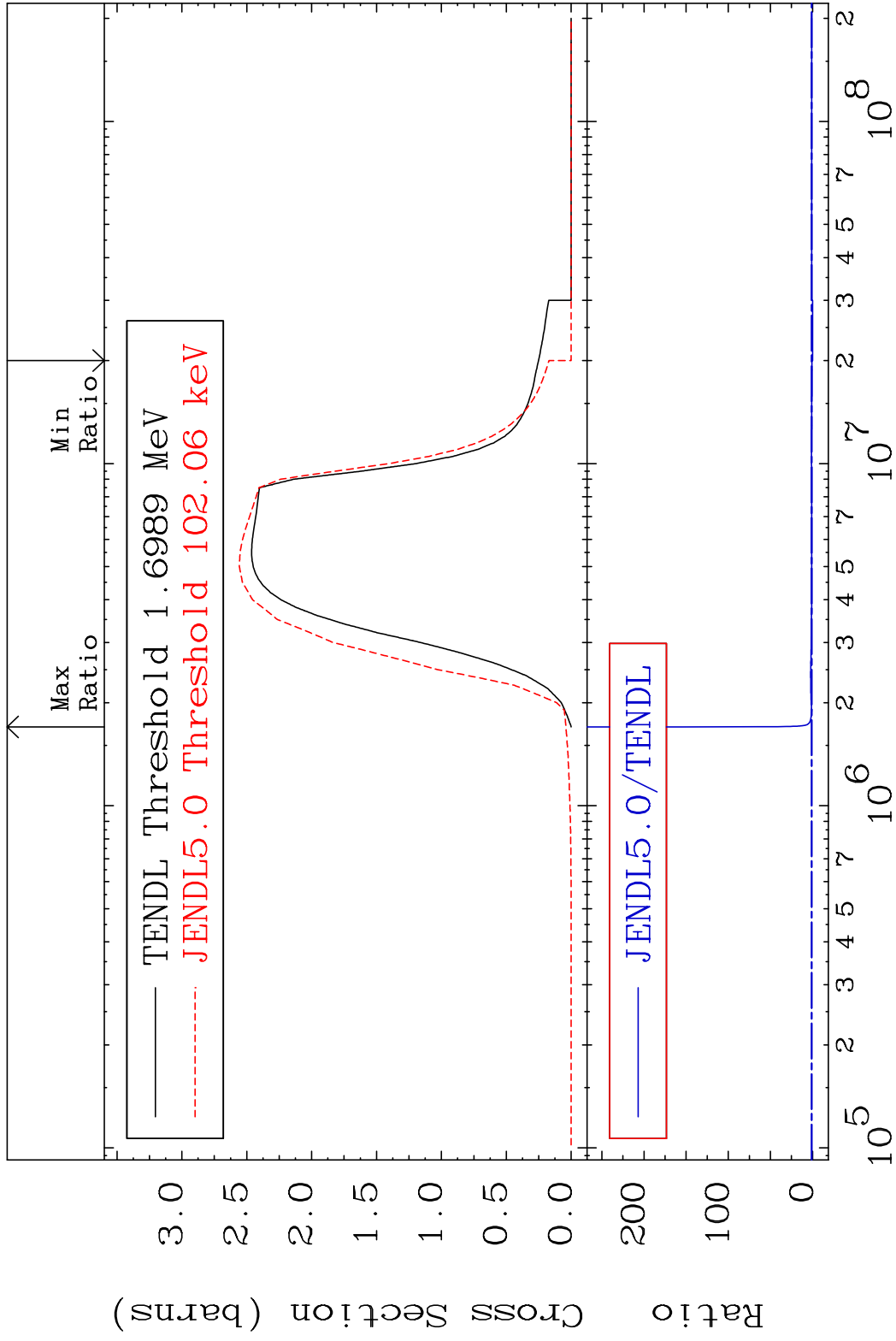


MAT 7425

(n, n') Continuum

74-W -180

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

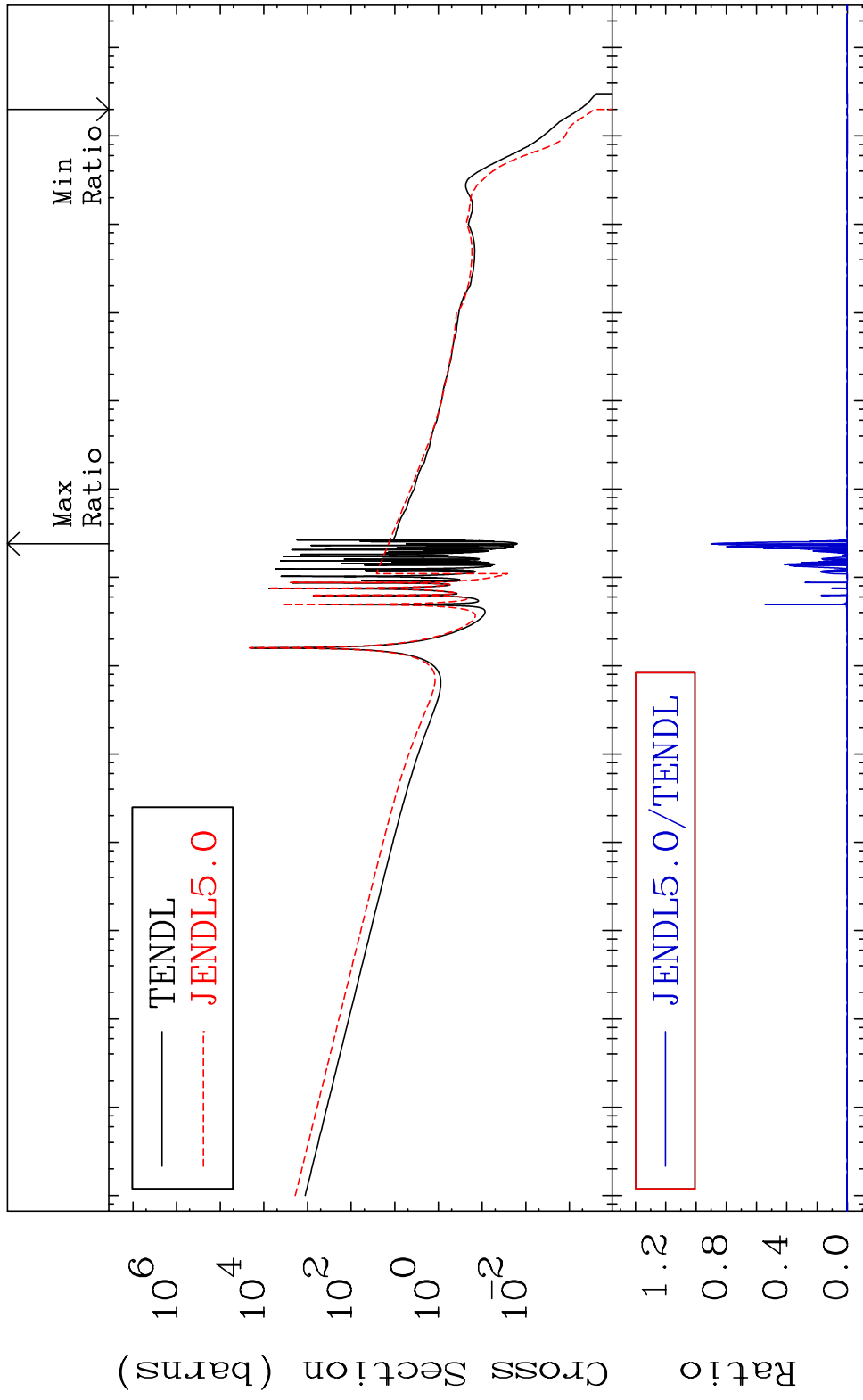
74-W -180

MAT 7425

(n, γ)

74-W -180

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

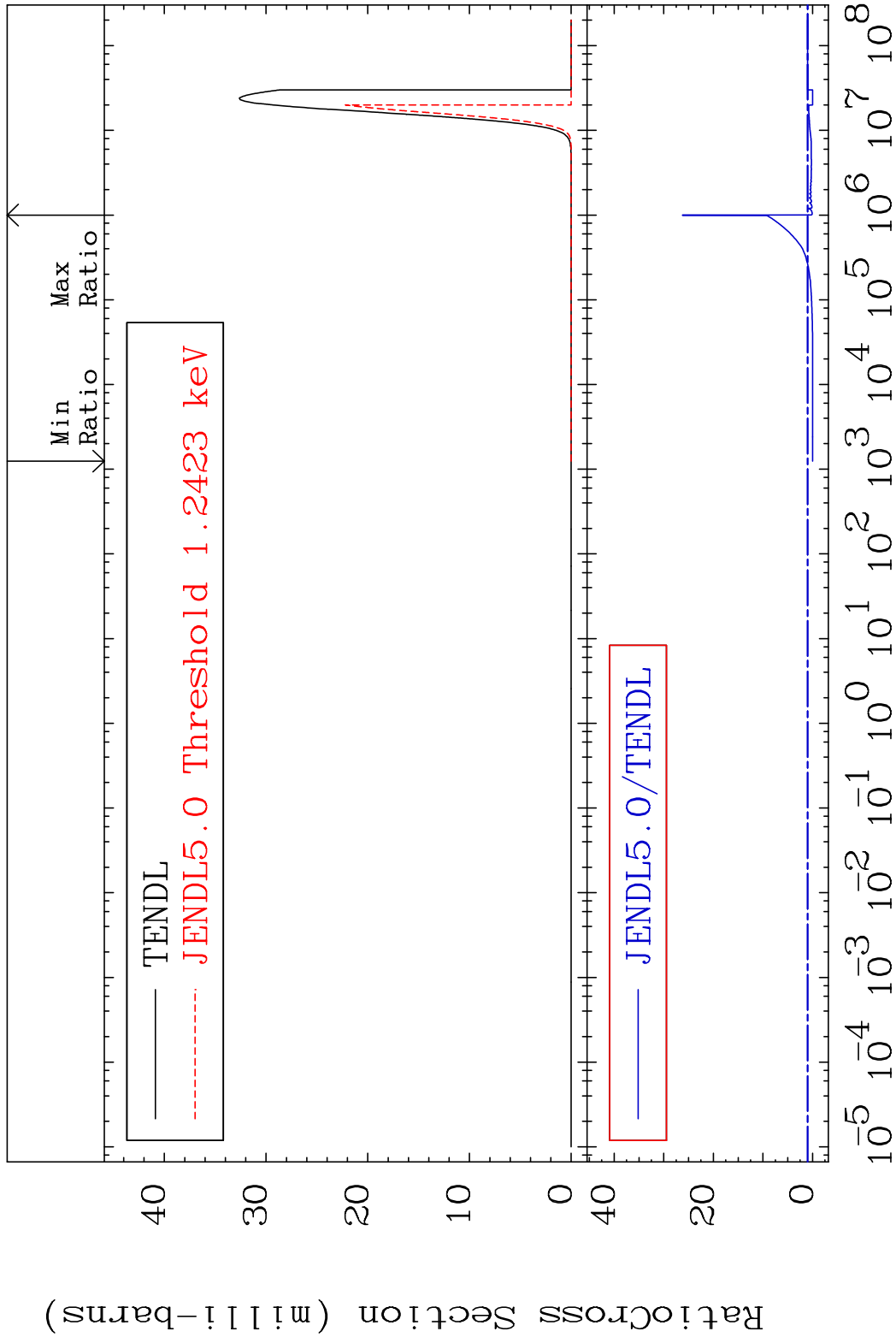
74-W -180

MAT 7425

(n, p)

74-W -180

Cross Section -100.0 To 2525. %



41

Incident Energy (eV)

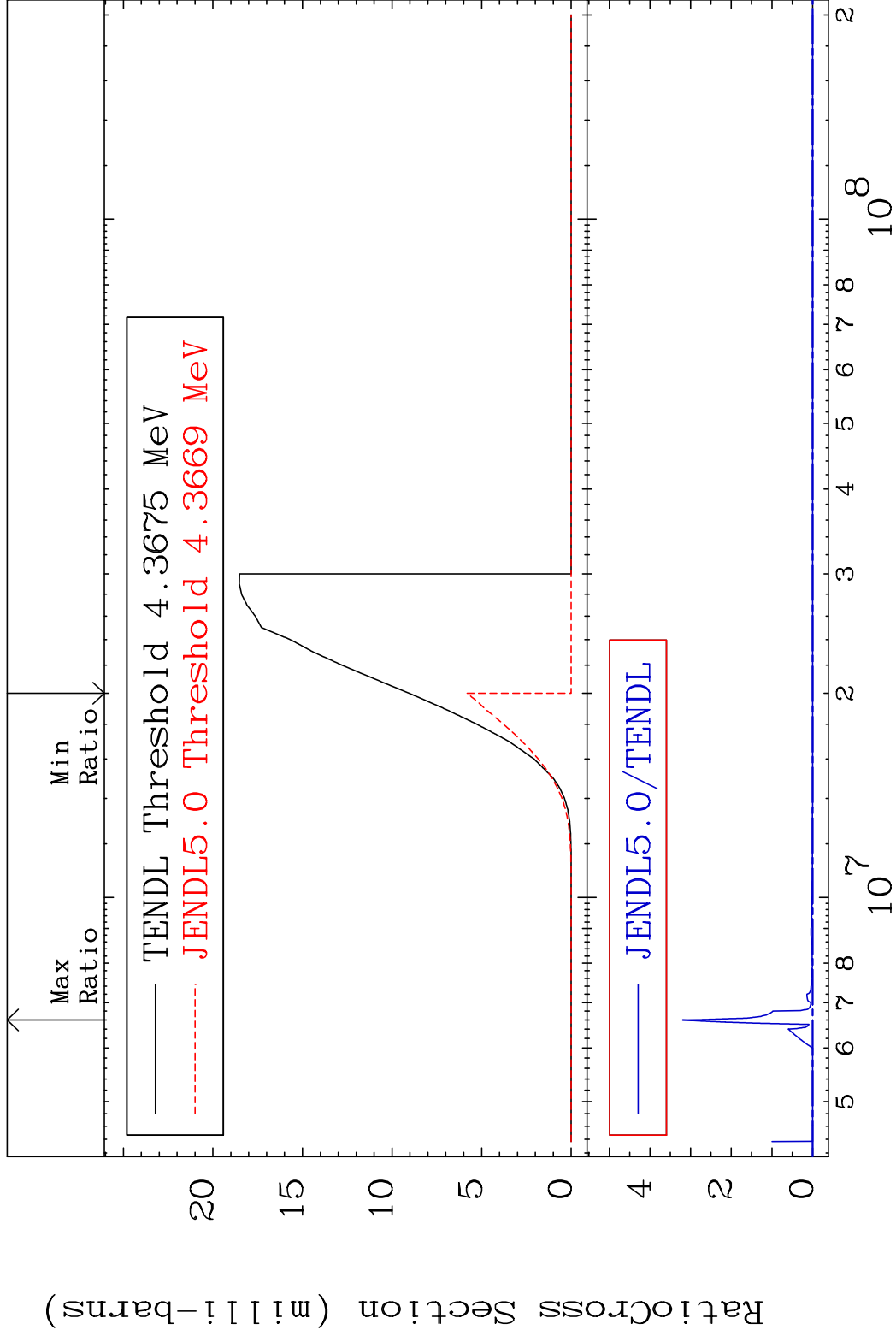
74-W -180

MAT 7425

(n,d)

74-W -180

Cross Section -100.0 To 9999. %

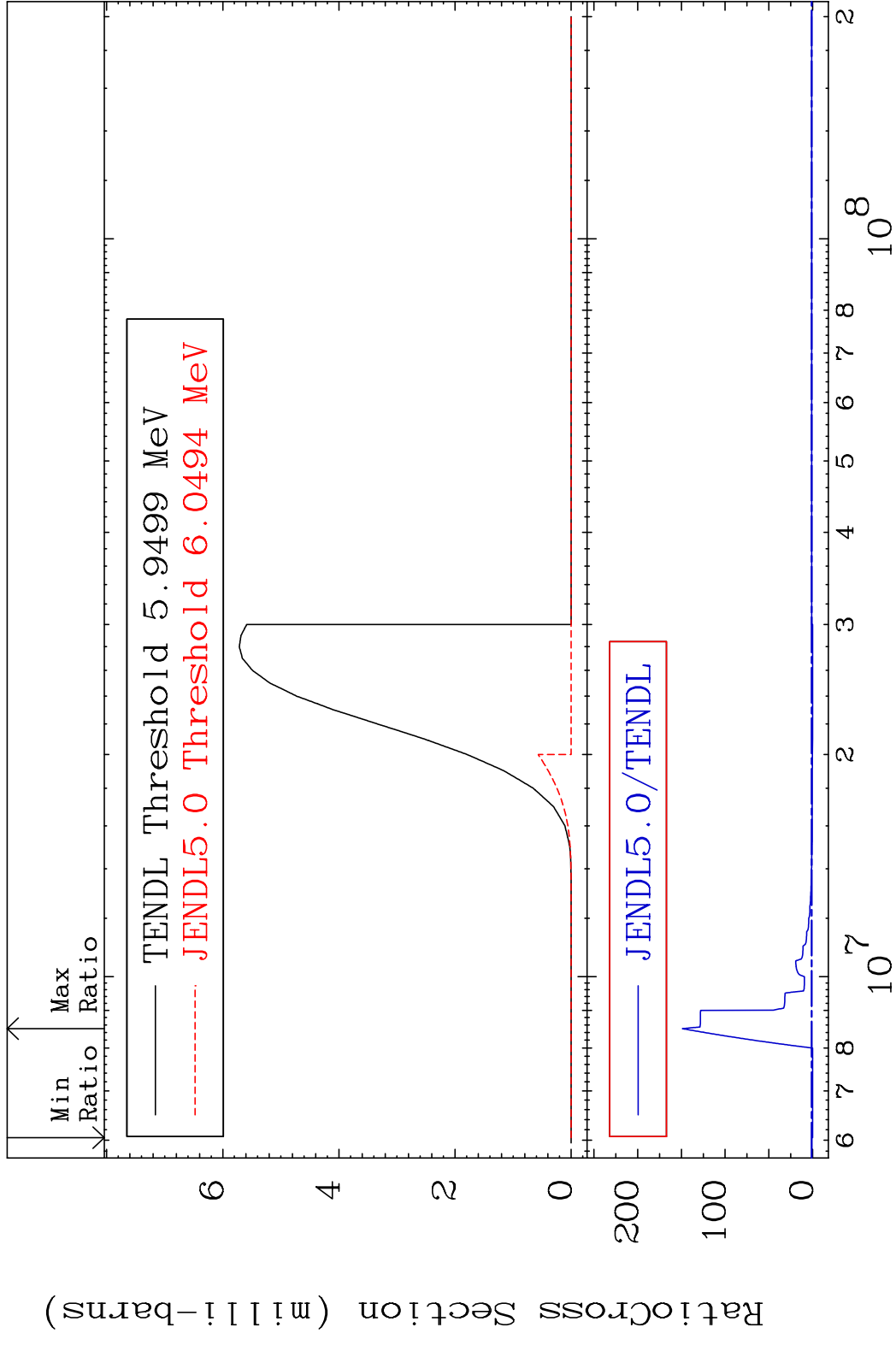


42

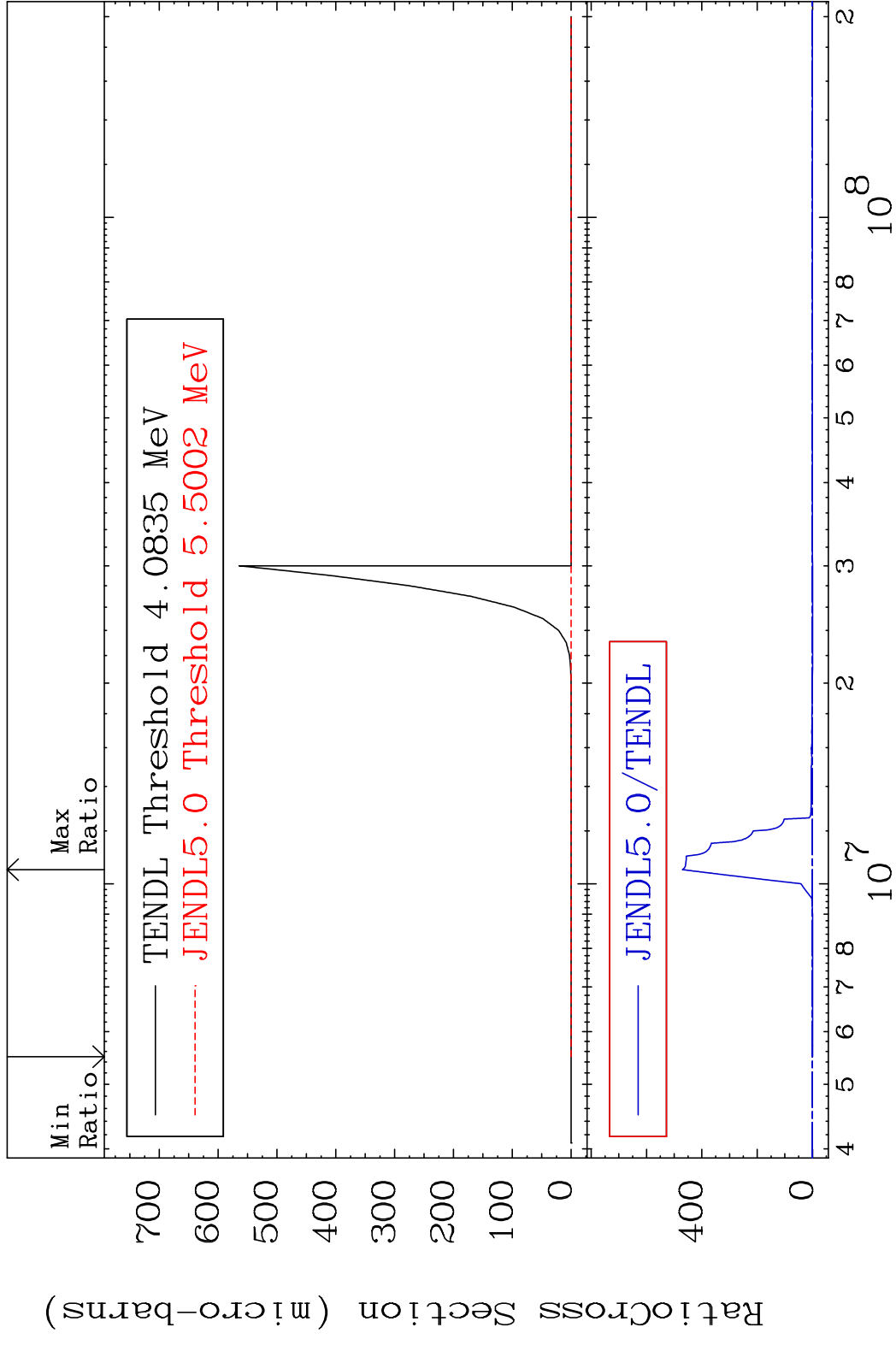
Incident Energy (eV)

74-W -180

MAT 7425 (n, t) 74-W -180
 Cross Section -100.0 To 9999. %



MAT 7425 (n, He-3) 74-W -180
 Cross Section -100.0 To 9999. %

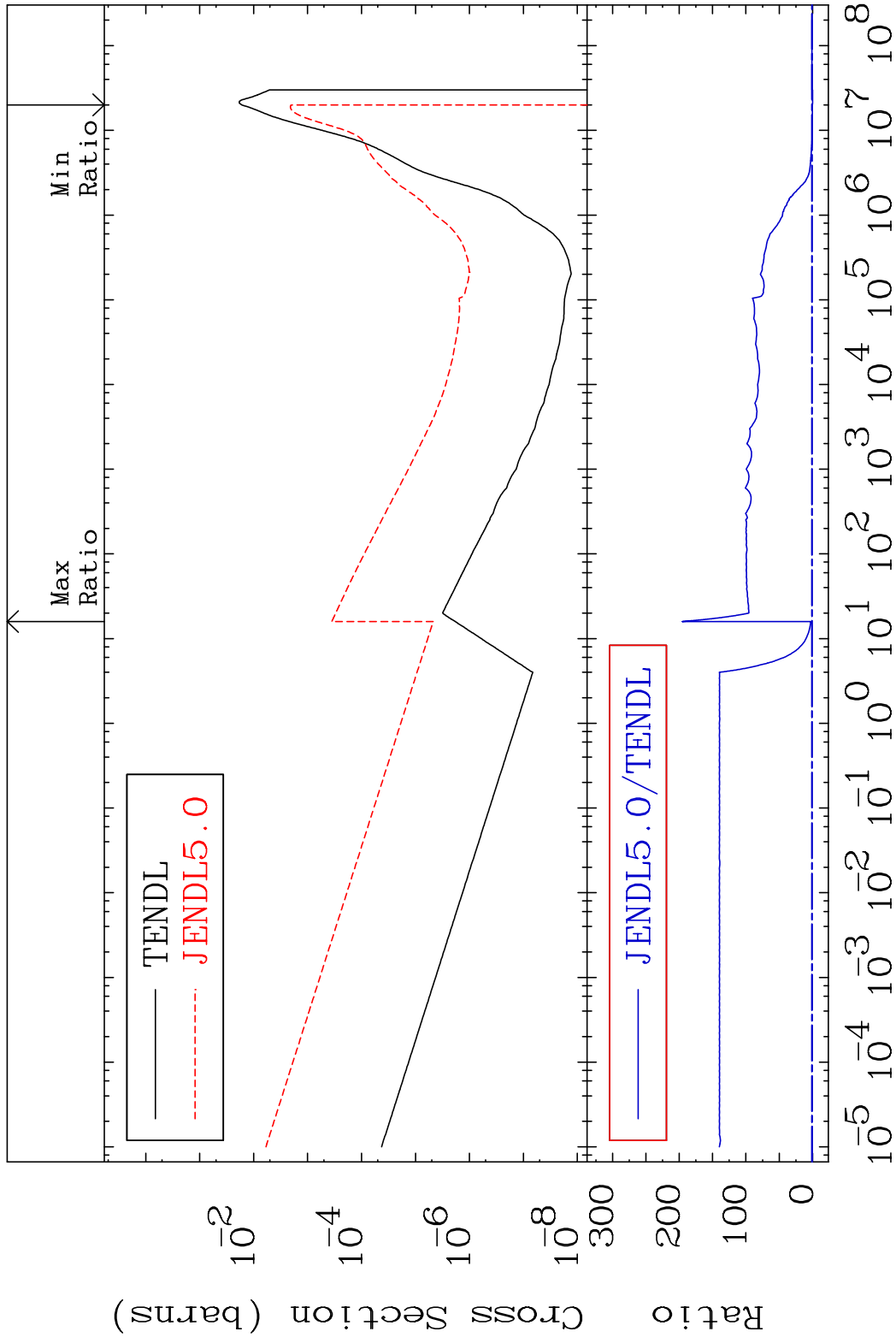


MAT 7425

(n, α)

74-W -180

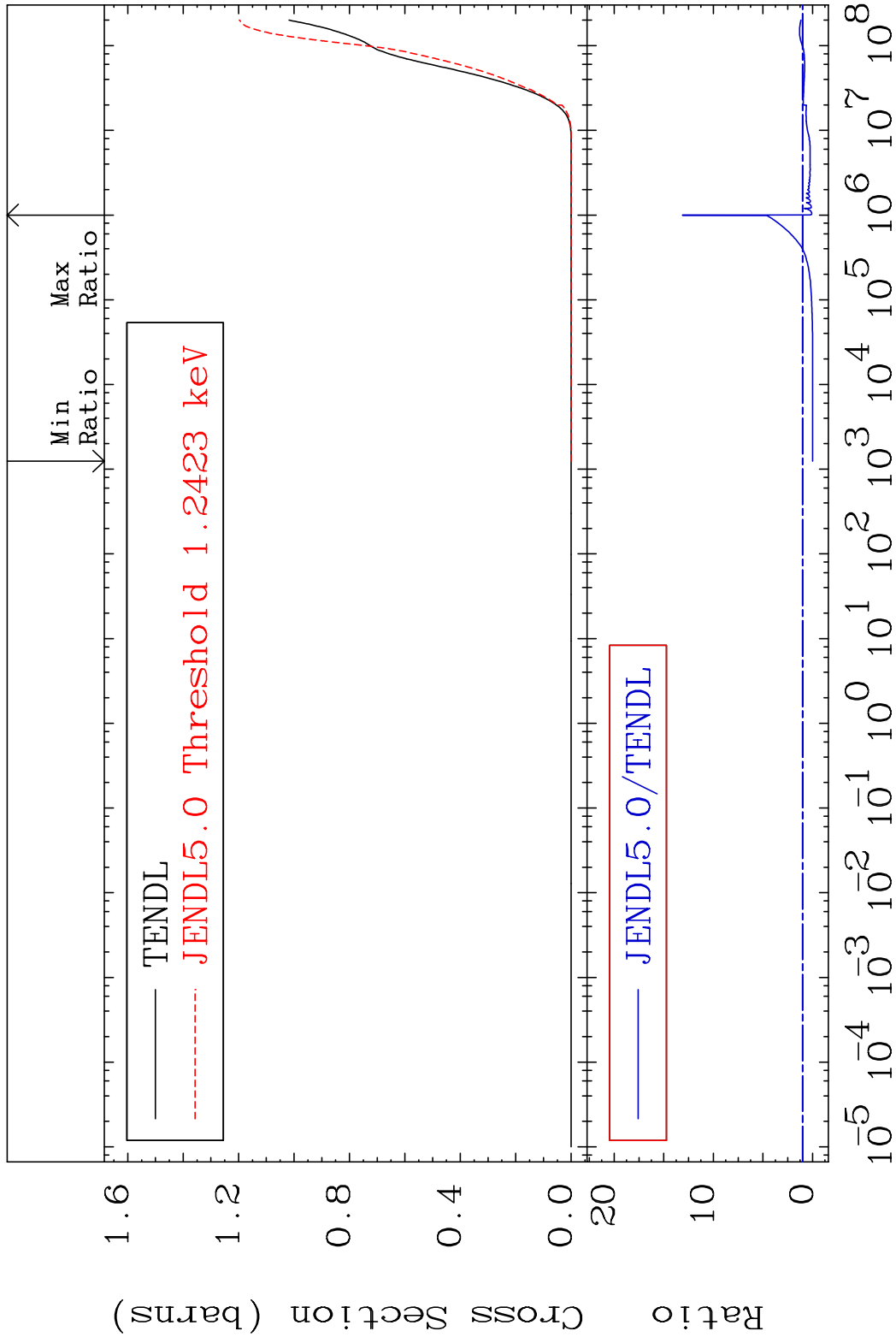
Cross Section -100.0 To 9999. %



45

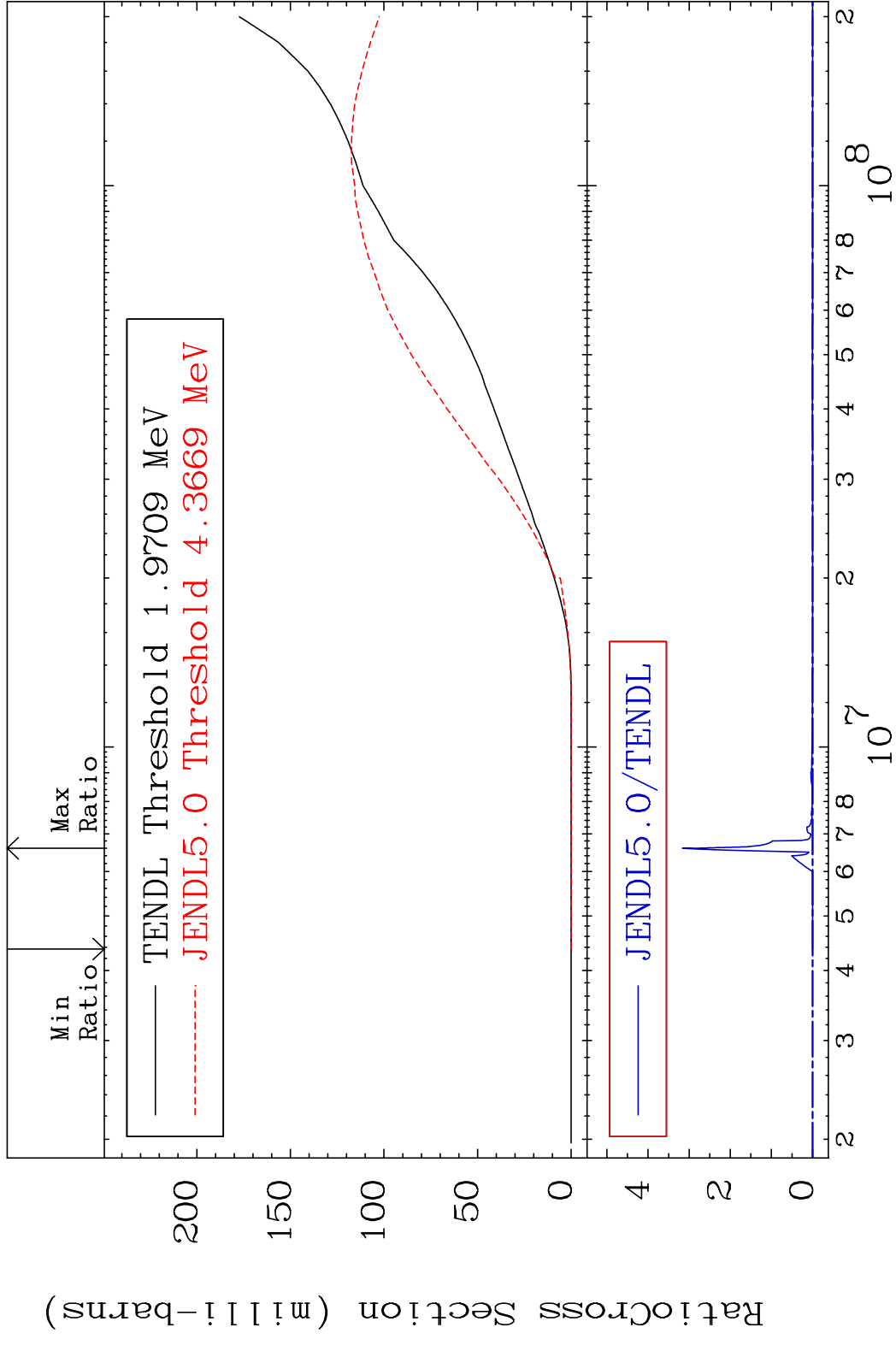
Incident Energy (eV)

74-W -180



MAT 7425

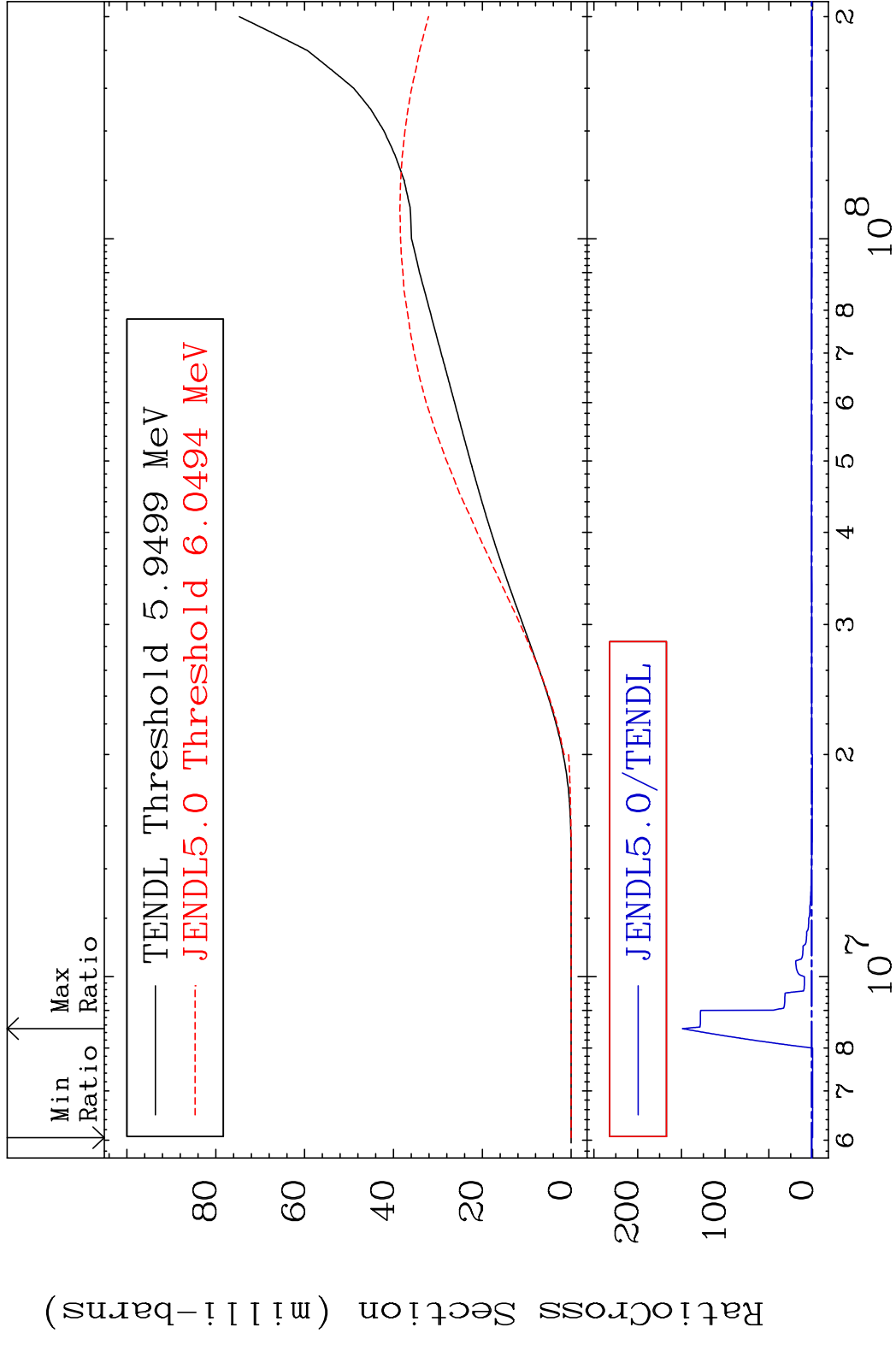
Deuterium Production 74-W -180
Cross Section -100.0 To 9999. %

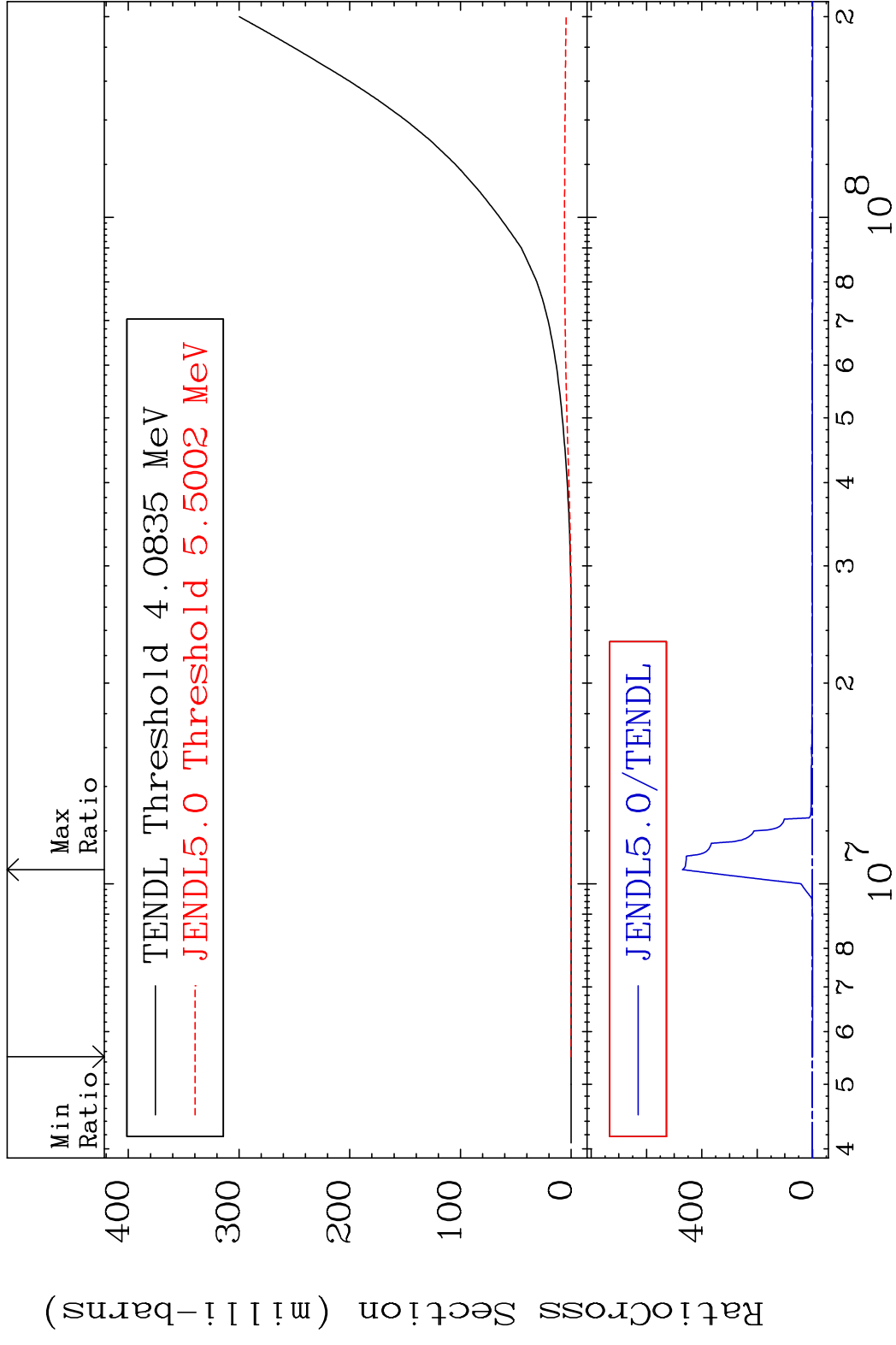


47

Incident Energy (eV) 74-W -180

MAT 7425 Tritium Production 74-W -180
 Cross Section -100.0 To 9999. %



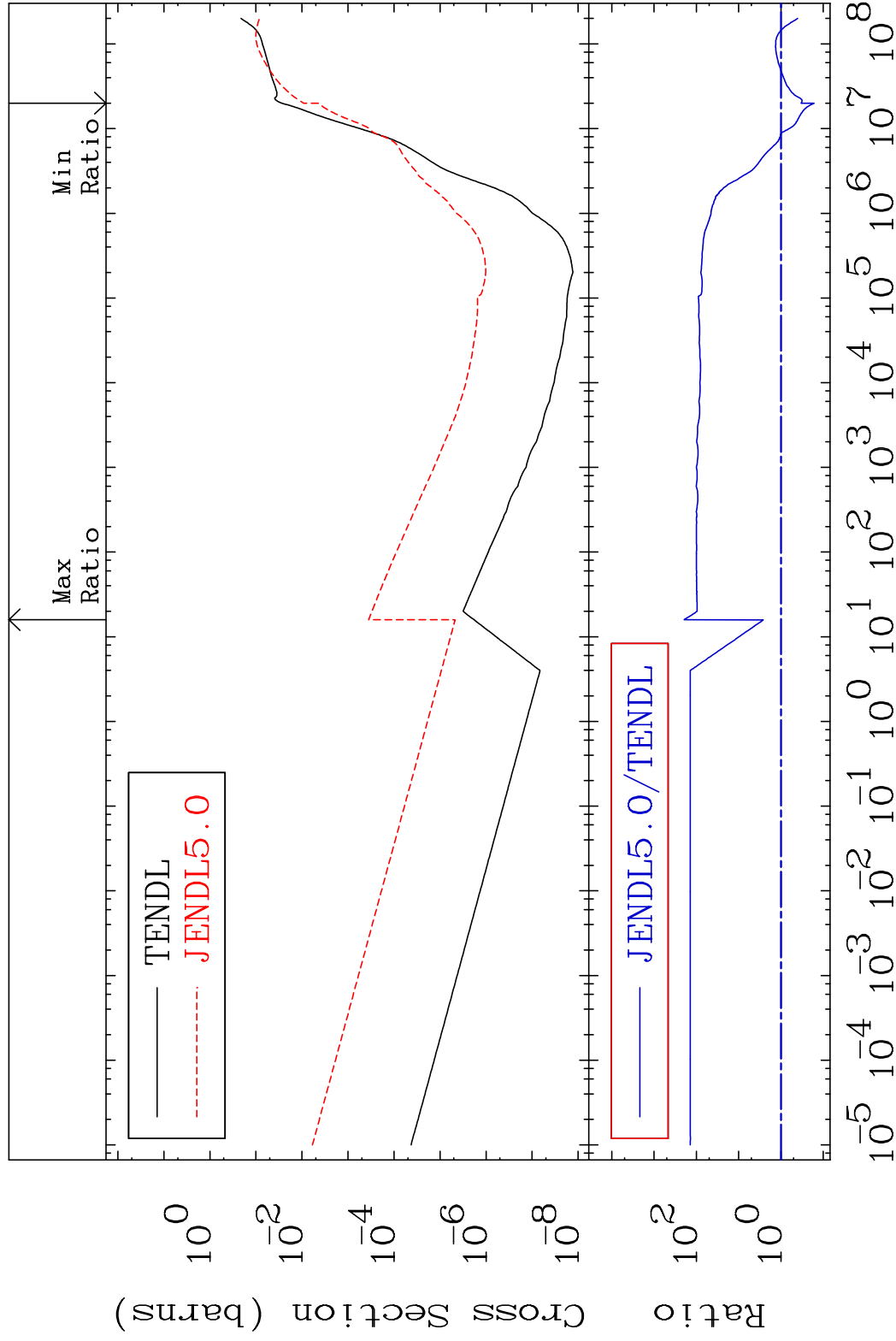


MAT 7425

He-4 Production

74-W -180

Cross Section -83.74 To 9999. %

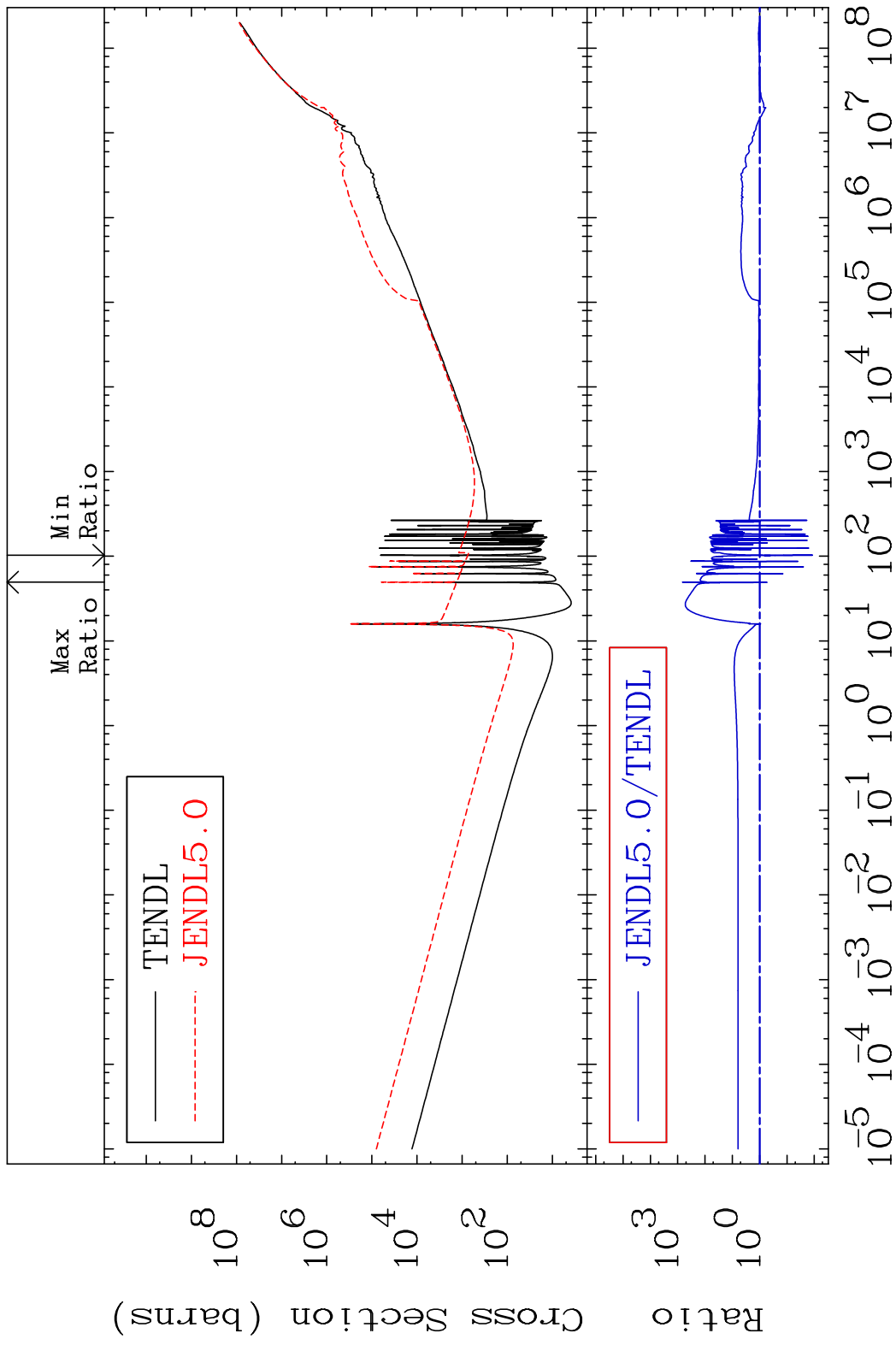


50

Incident Energy (eV)

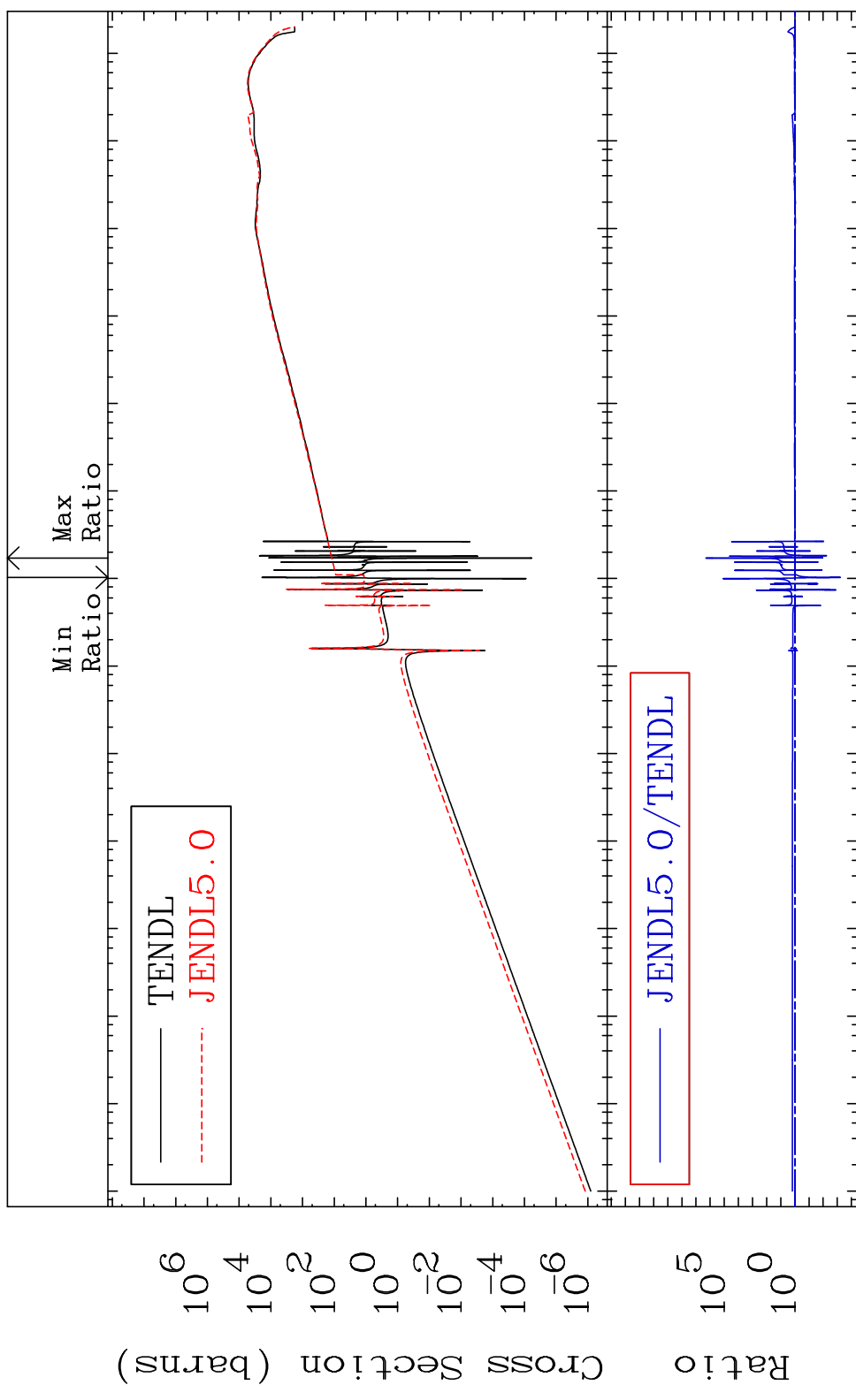
74-W -180

MAT 7425 Kerma total (eV-barns) 74-W -180
 Cross Section -98.84 To 9999. %

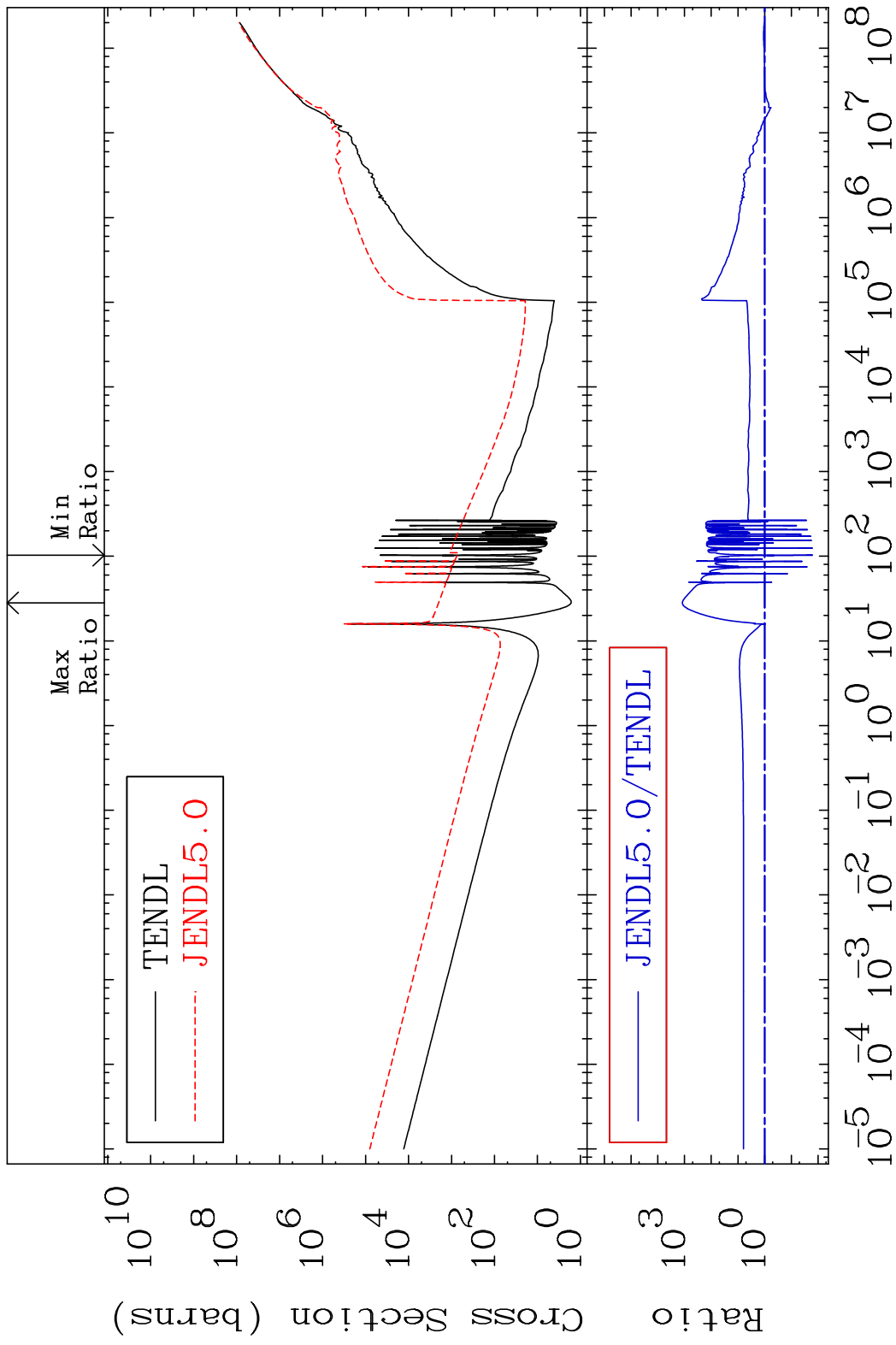


MAT 7425

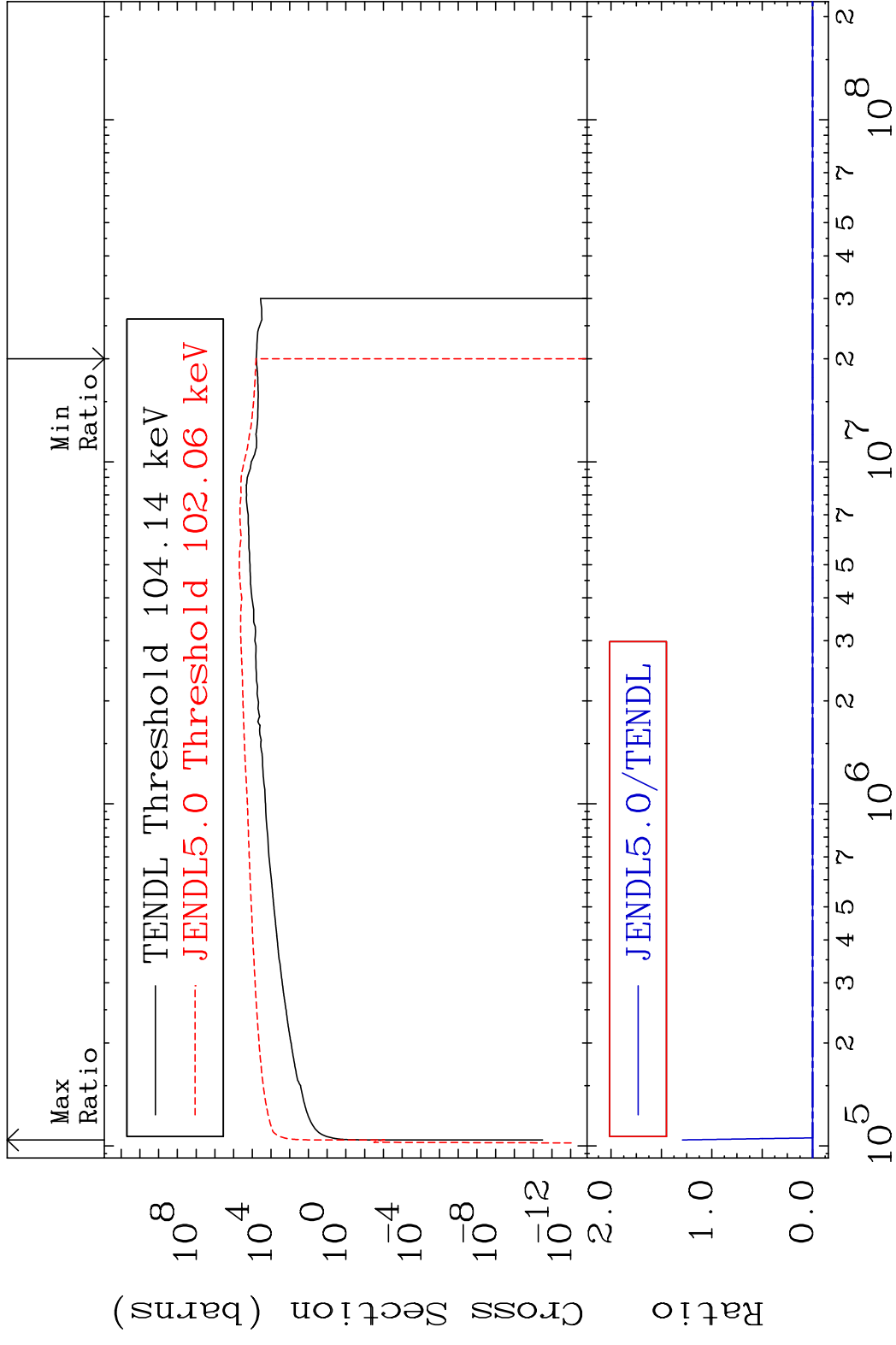
Kerma elastic Cross Section -99.94 To 9999. %
74-W -180



MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 Cross Section -98.39 To 9999. %

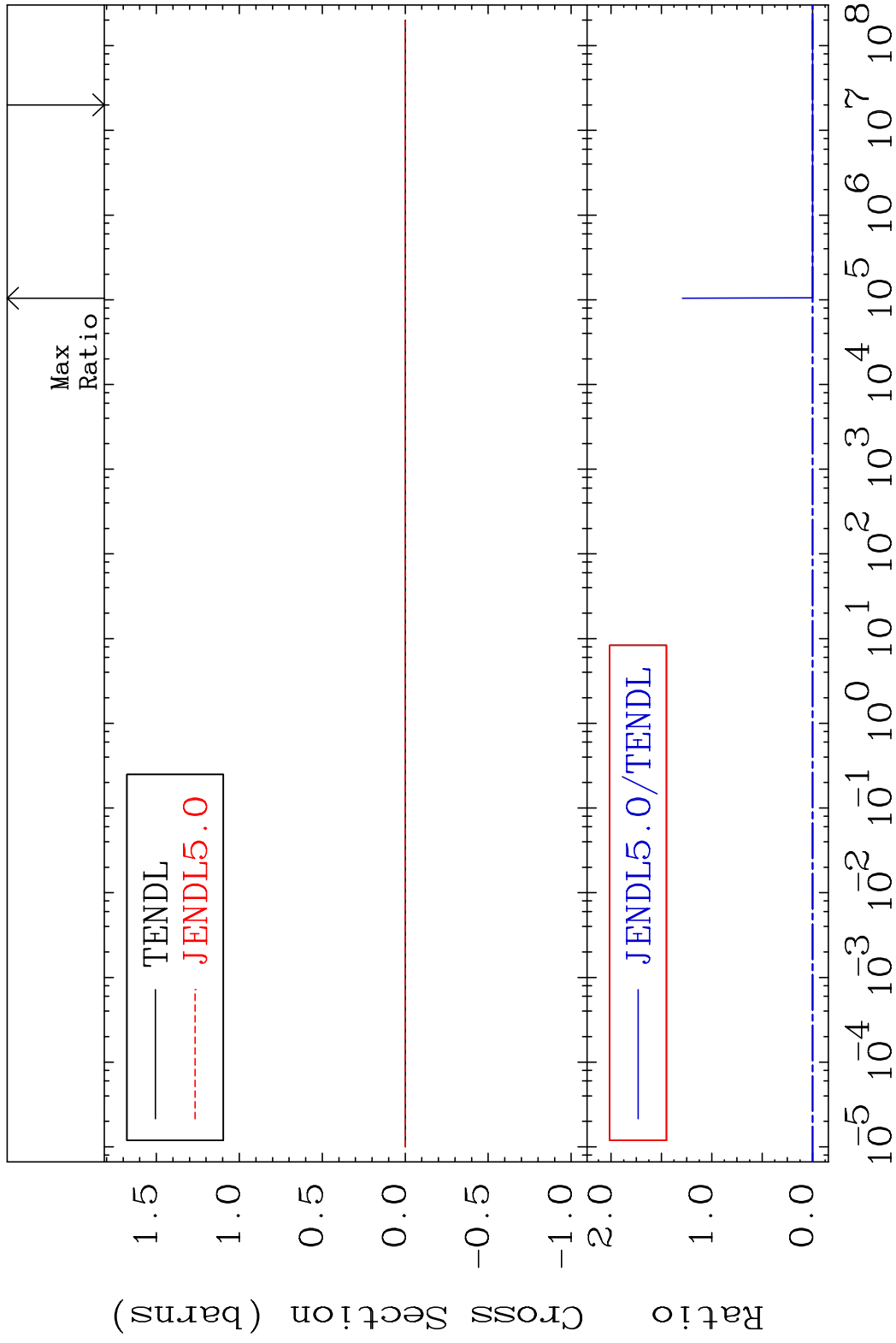


MAT 7425 Kerma inelastic (mt51-91) 74-W -180
 Cross Section -100.0 To 9999. %



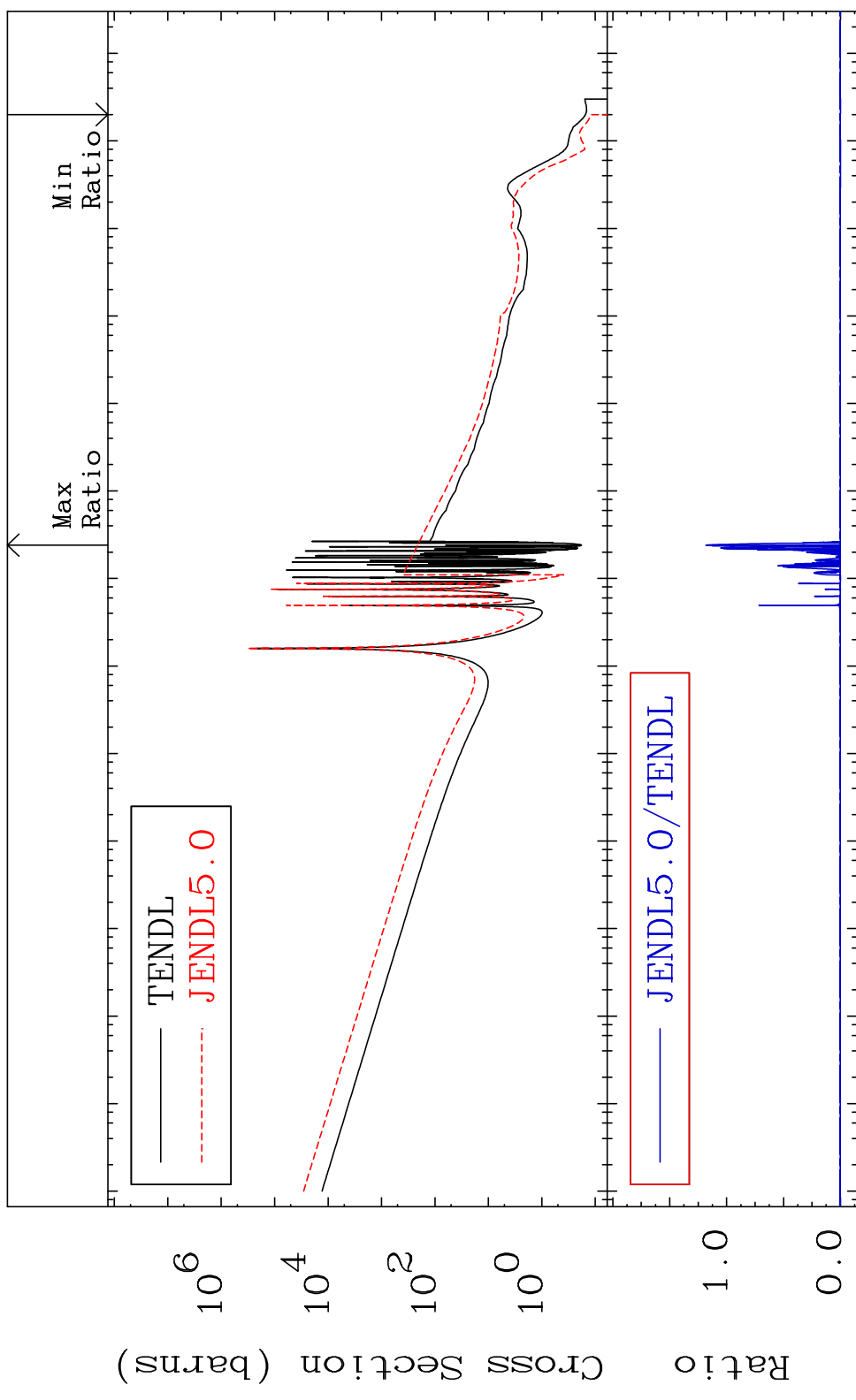
54 Incident Energy (eV) 74-W -180

MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180
 Cross Section -100.0 To 9999. %



MAT 7425

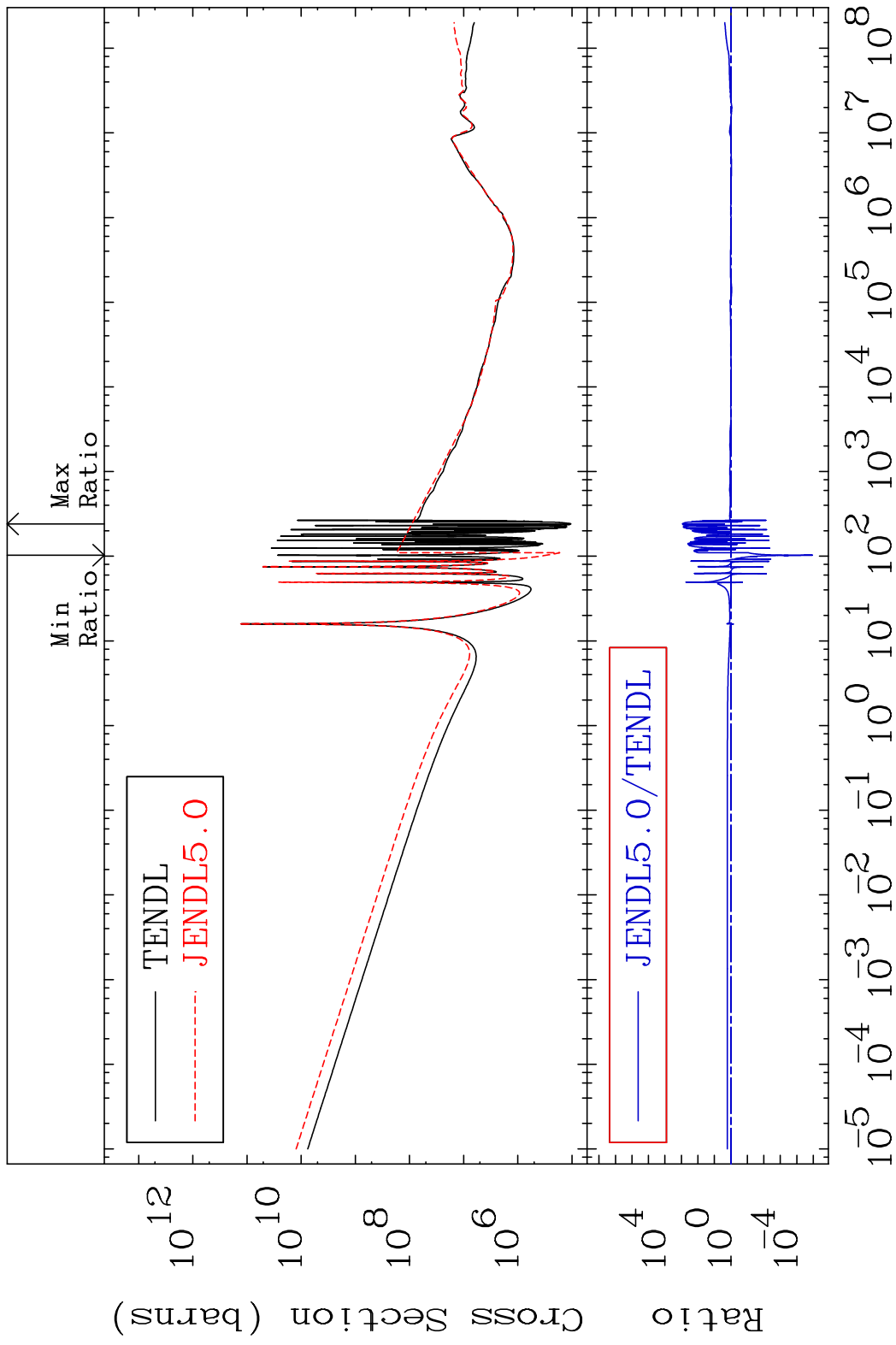
Kerma capture (mt102) 74-W -180
Cross Section -100.0 To 9999. %



56

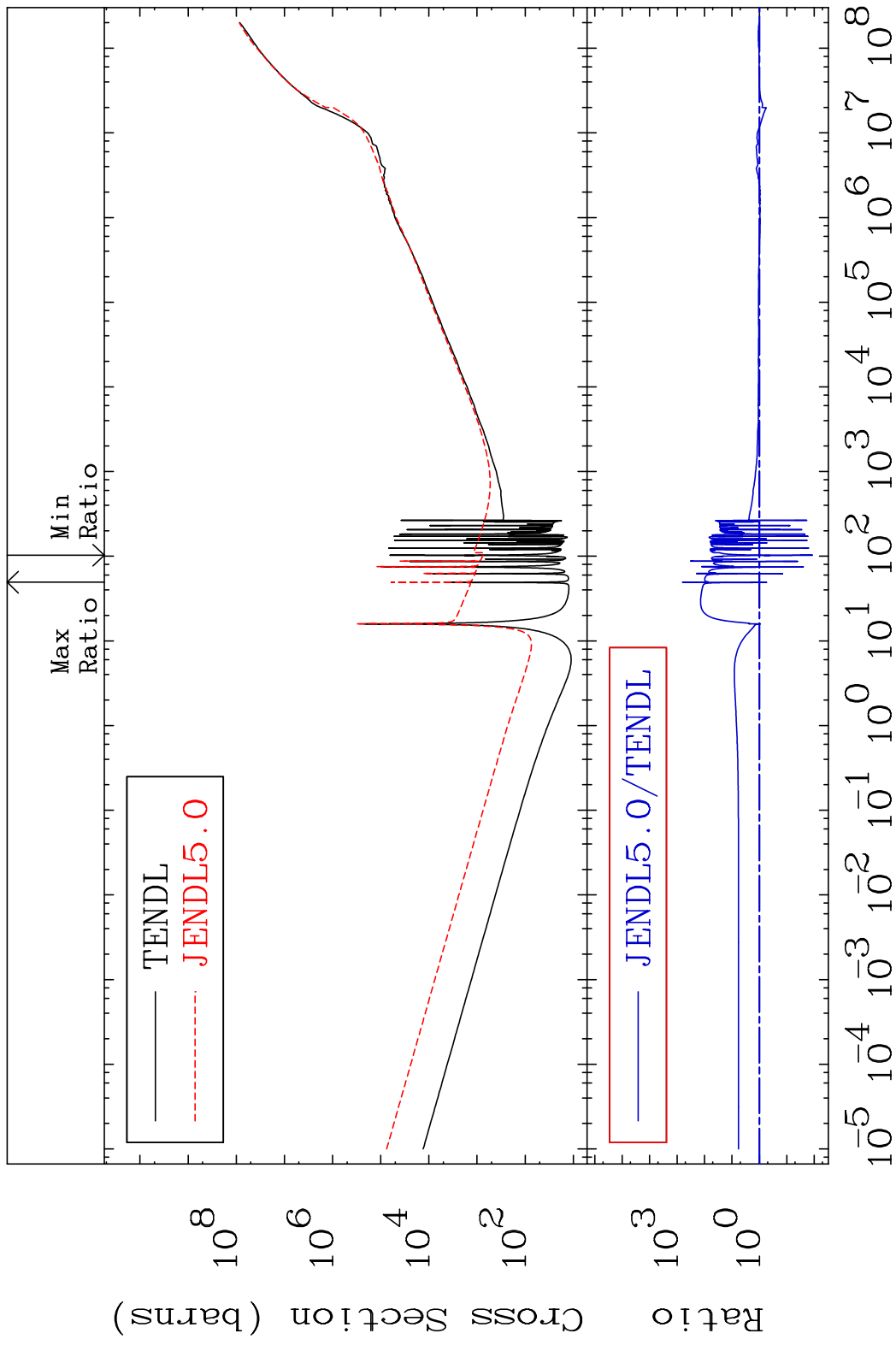
Incident Energy (eV) 74-W -180

MAT 7425 Total photon (eV-barns) 74-W -180
 Cross Section -100.0 To 9999. %

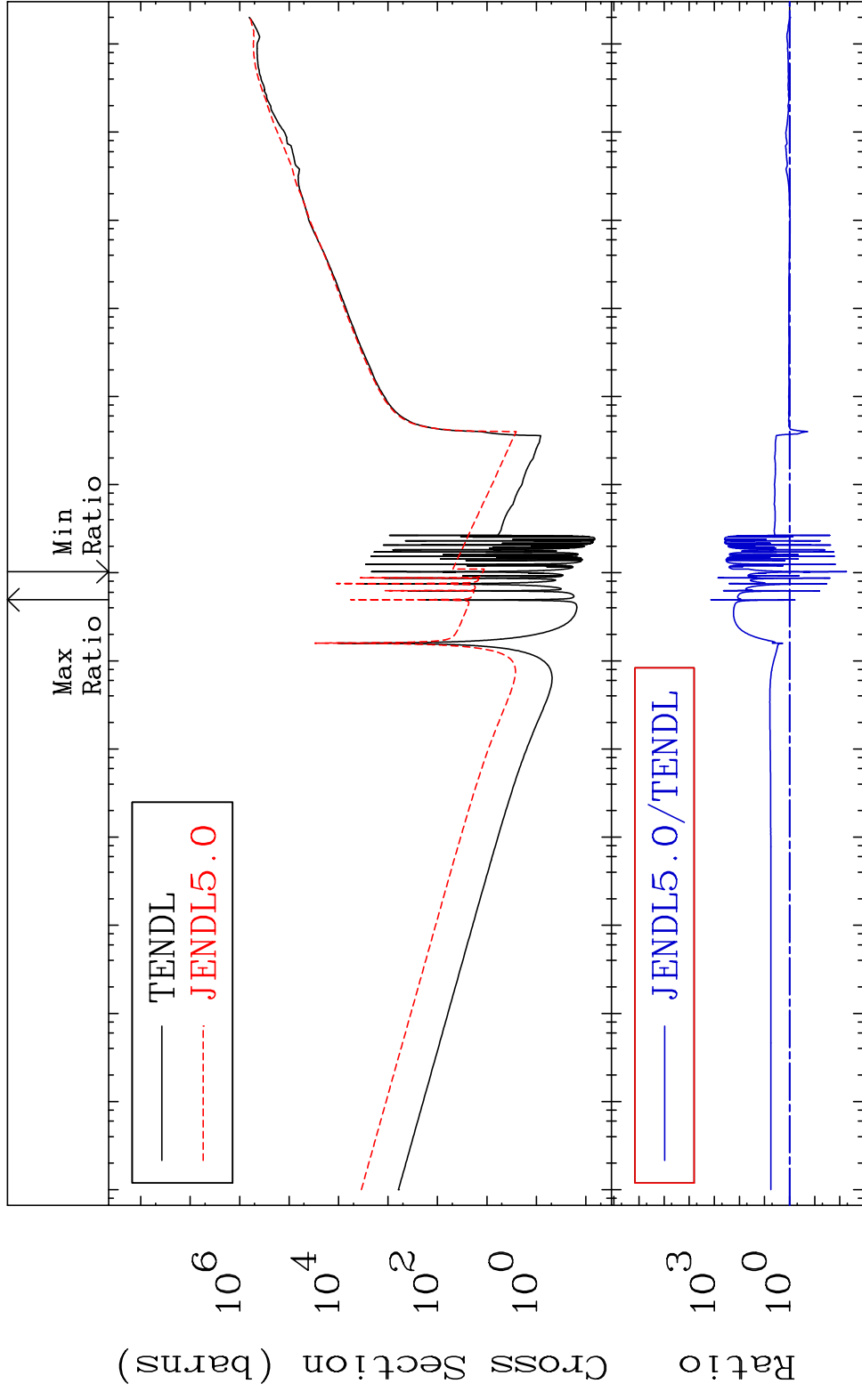


57 Incident Energy (eV) 74-W -180

MAT 7425 Total kinematic kerma (high limit) 74-W -180
 Cross Section -98.85 To 9999. %



MAT 7425 Dpa total (eV-barns) 74-W -180
 Cross Section -99.45 To 9999. %



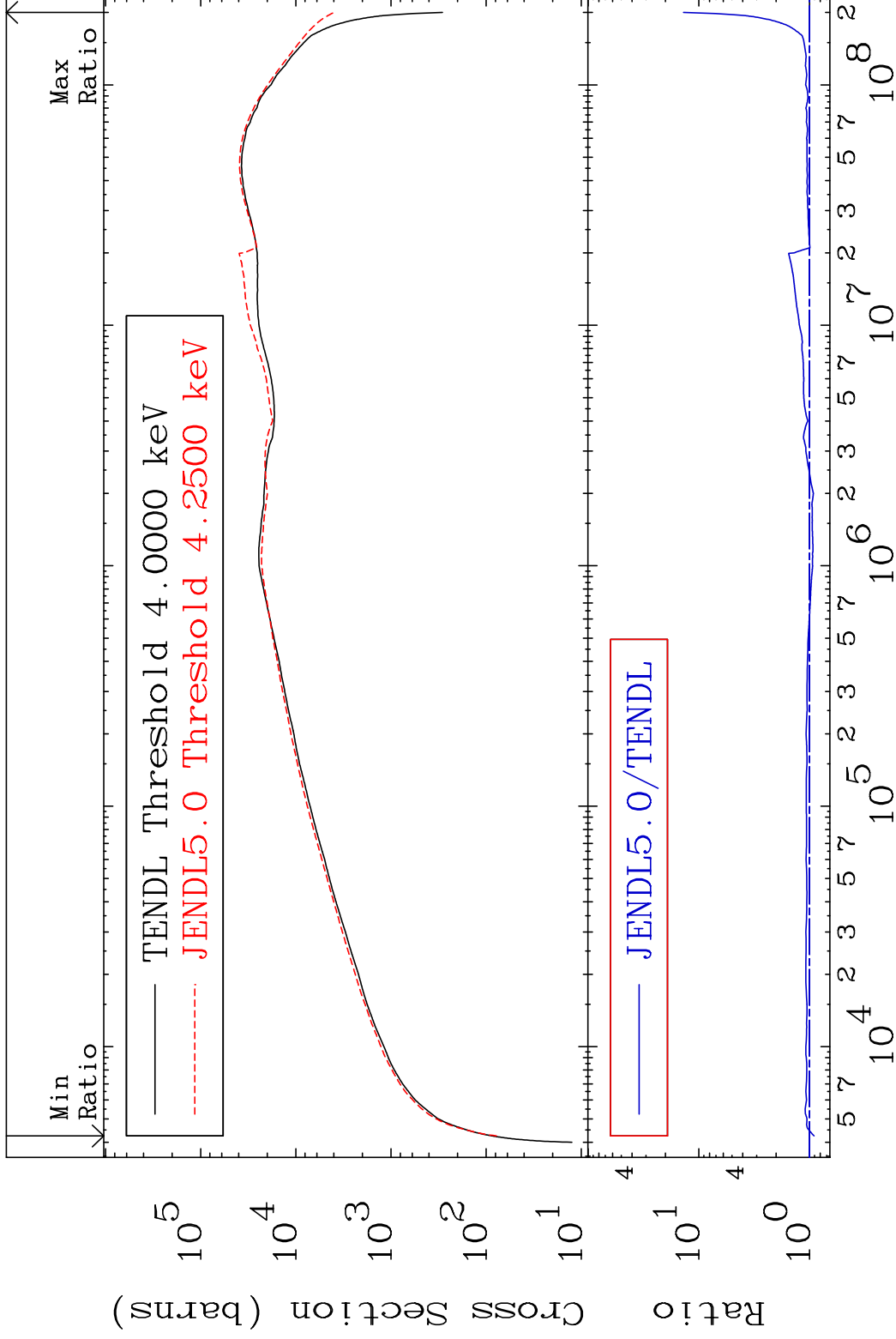
59 Incident Energy (eV) 74-W -180

MAT 7425

Dpa elastic (mt2)

74-W -180

Cross Section -9.119 To 1274. %

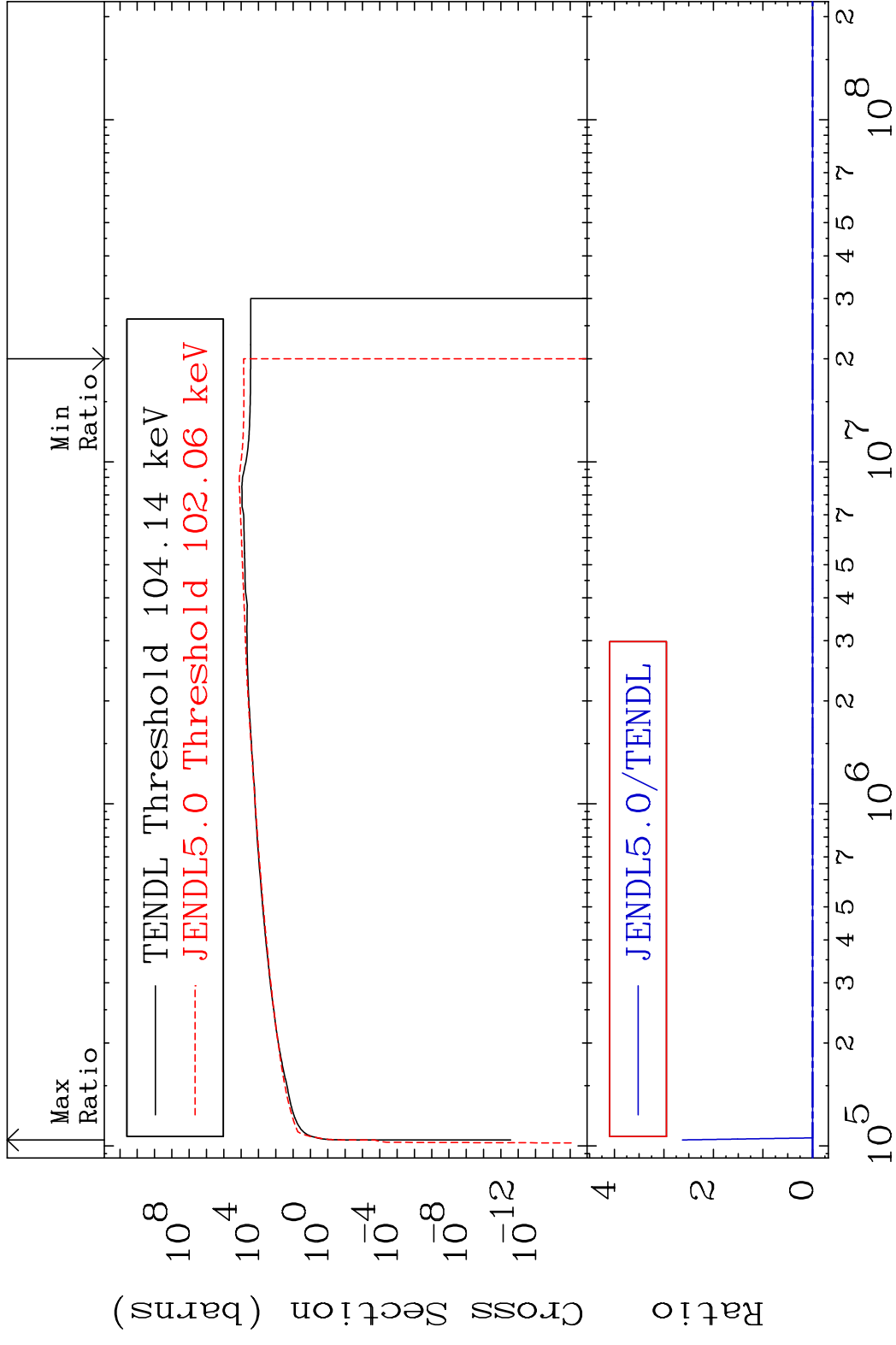


60

Incident Energy (eV)

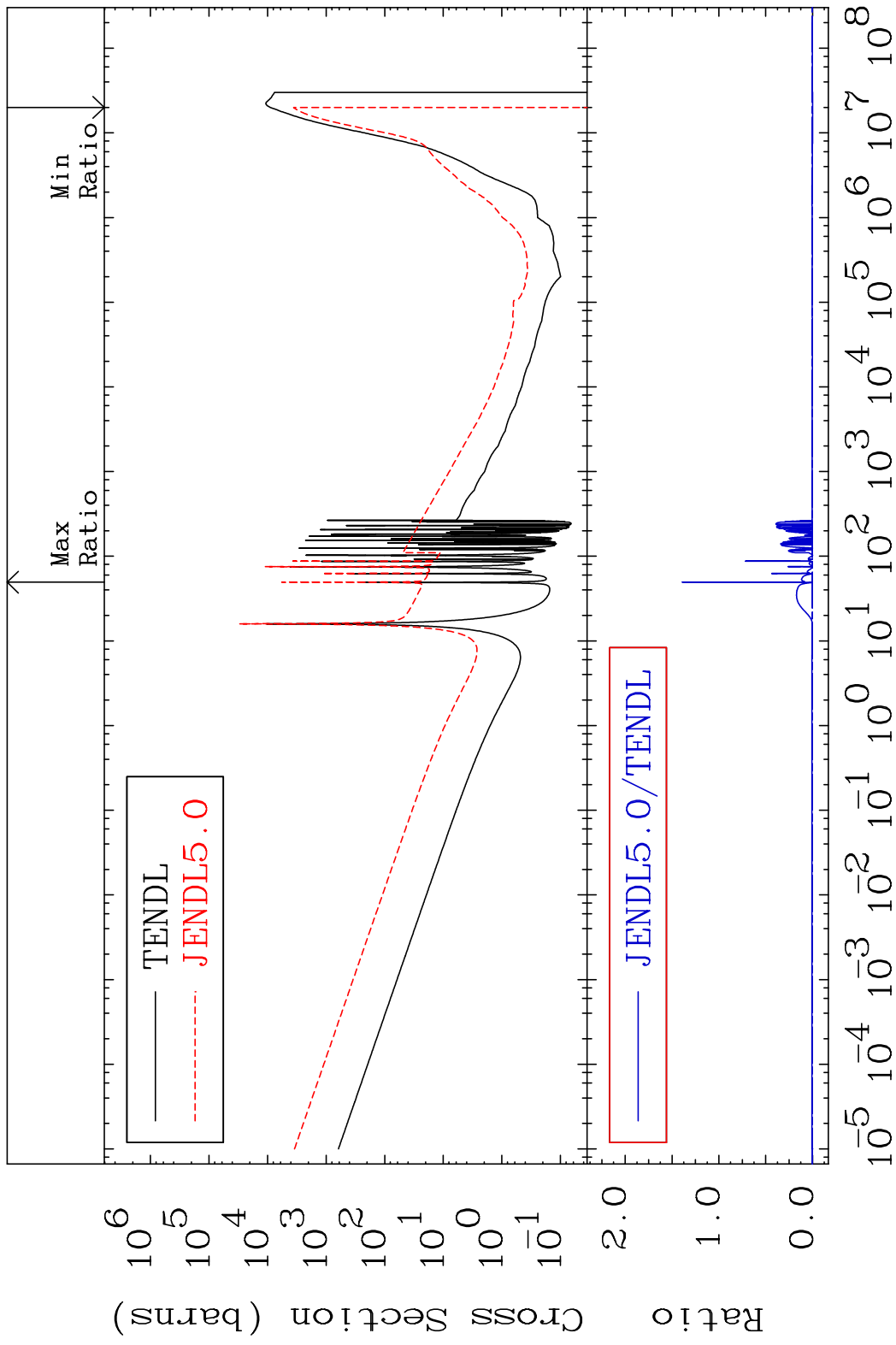
74-W -180

MAT 7425 Dpa inelastic (mt51-91) 74-W -180
 Cross Section -100.0 To 9999. %



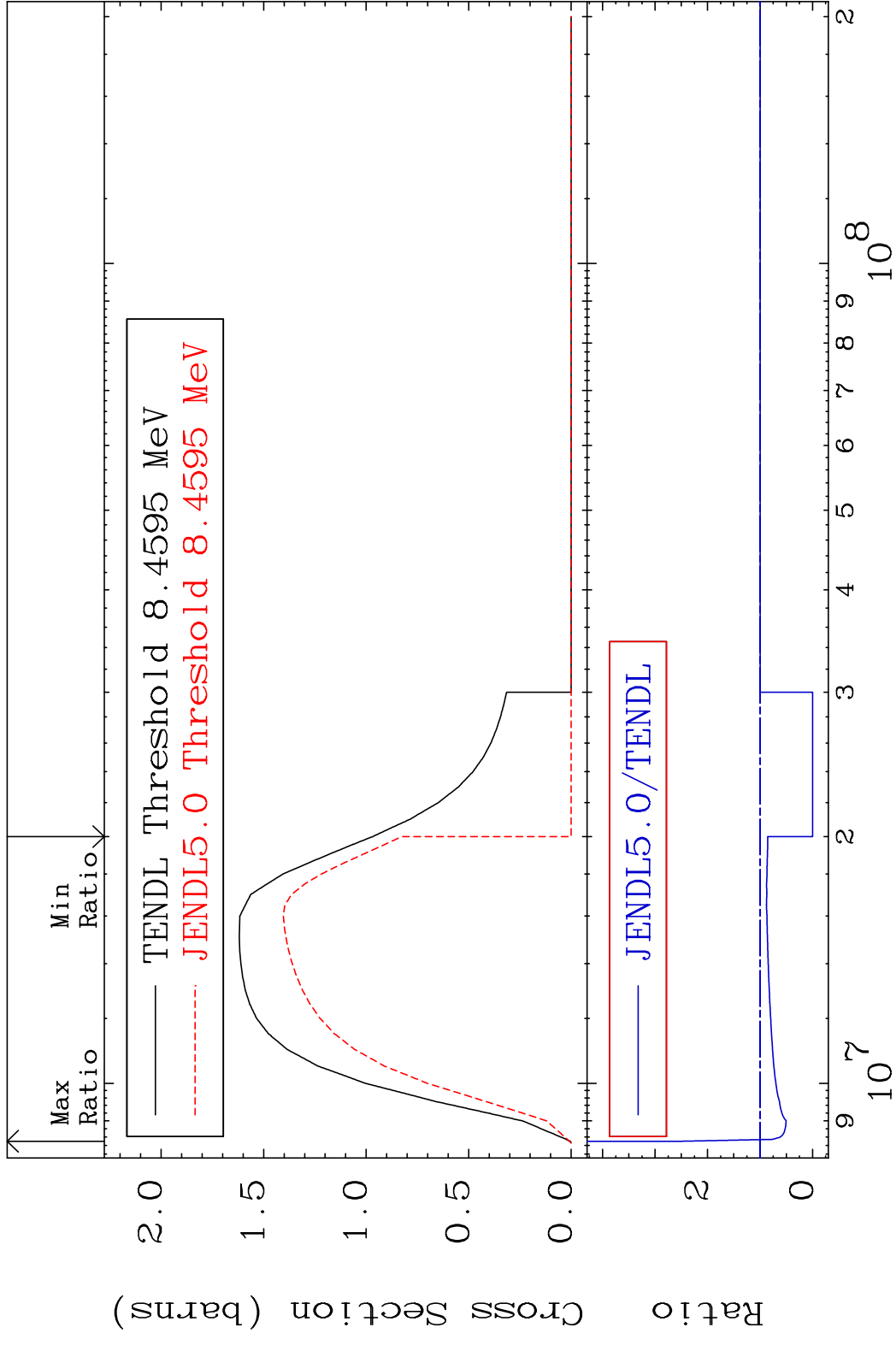
61 Incident Energy (eV) 74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
 Cross Section -100.0 To 9999. %

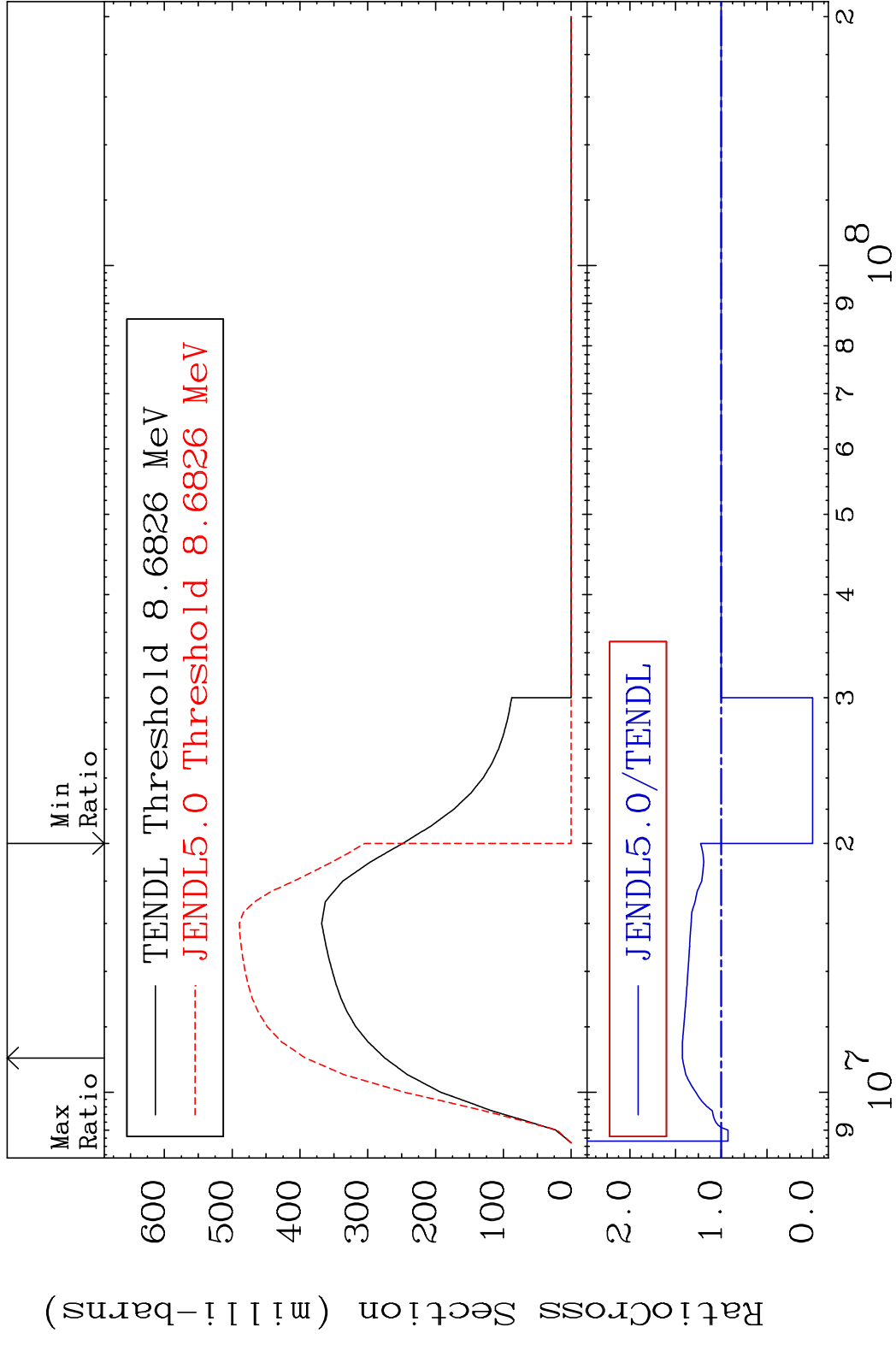


62 Incident Energy (eV) 74-W -180

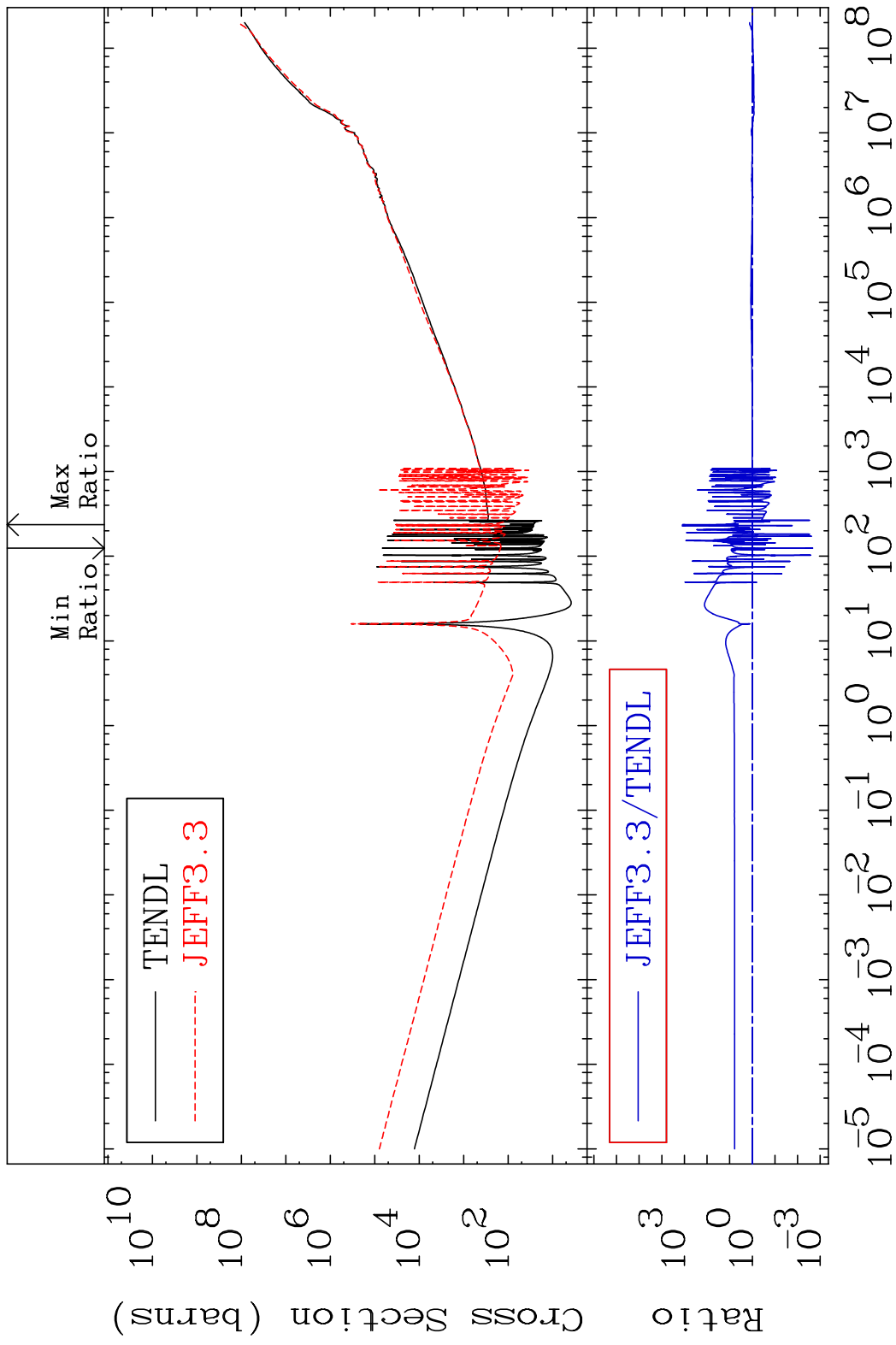
MAT 7425 (n,2n):74-W -179g 74-W -180
 Radionuclide Production Cross Section 180.0 dth 148.0 %



MAT 7425 (n,2n):74-W -179m2 74-W -180
 Radionuclide Production Cross Section Ratio 42.61 %



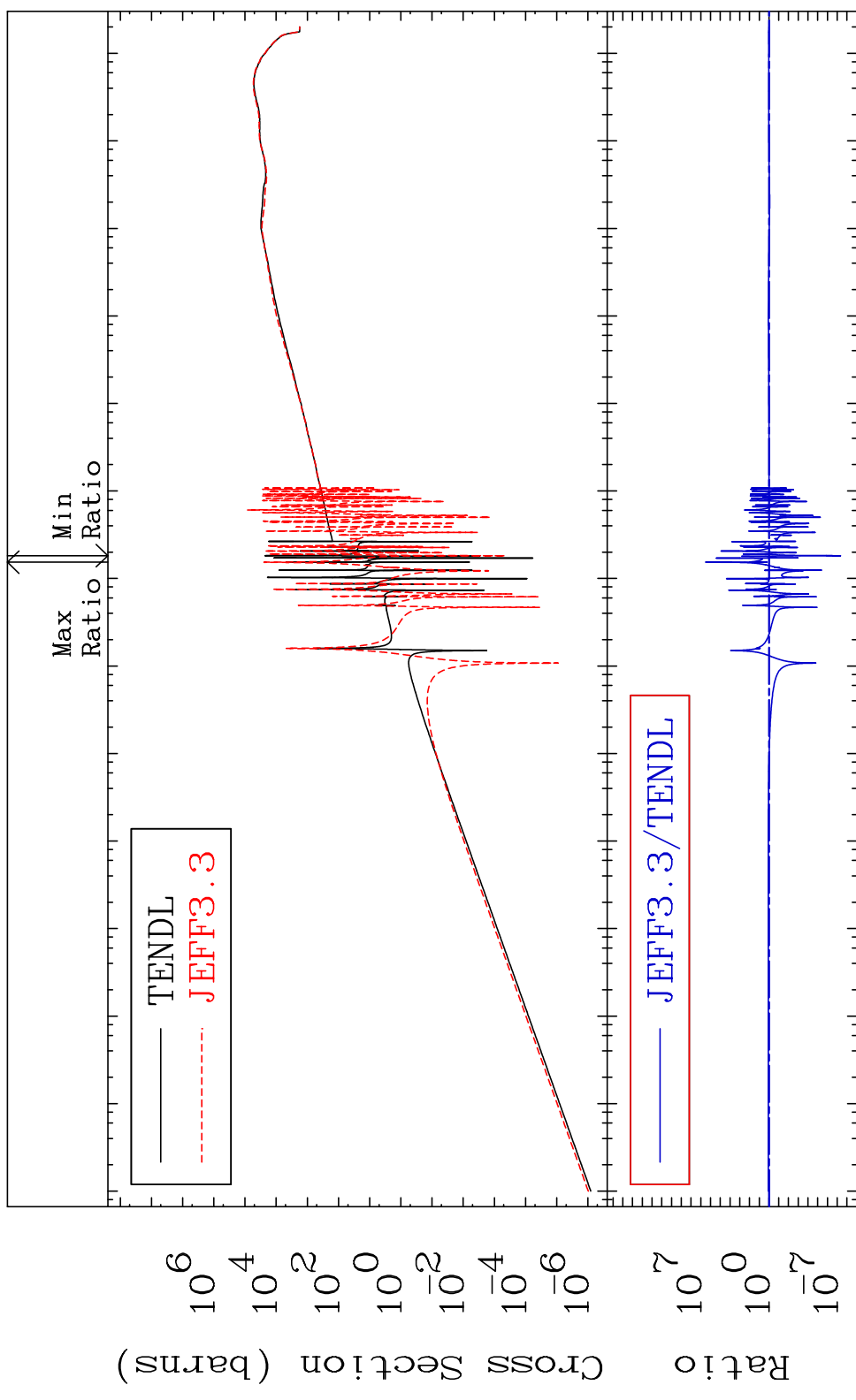
MAT 7425 Kerma total (eV-barns) 74-W -180
 Cross Section -99.78 To 9999. %



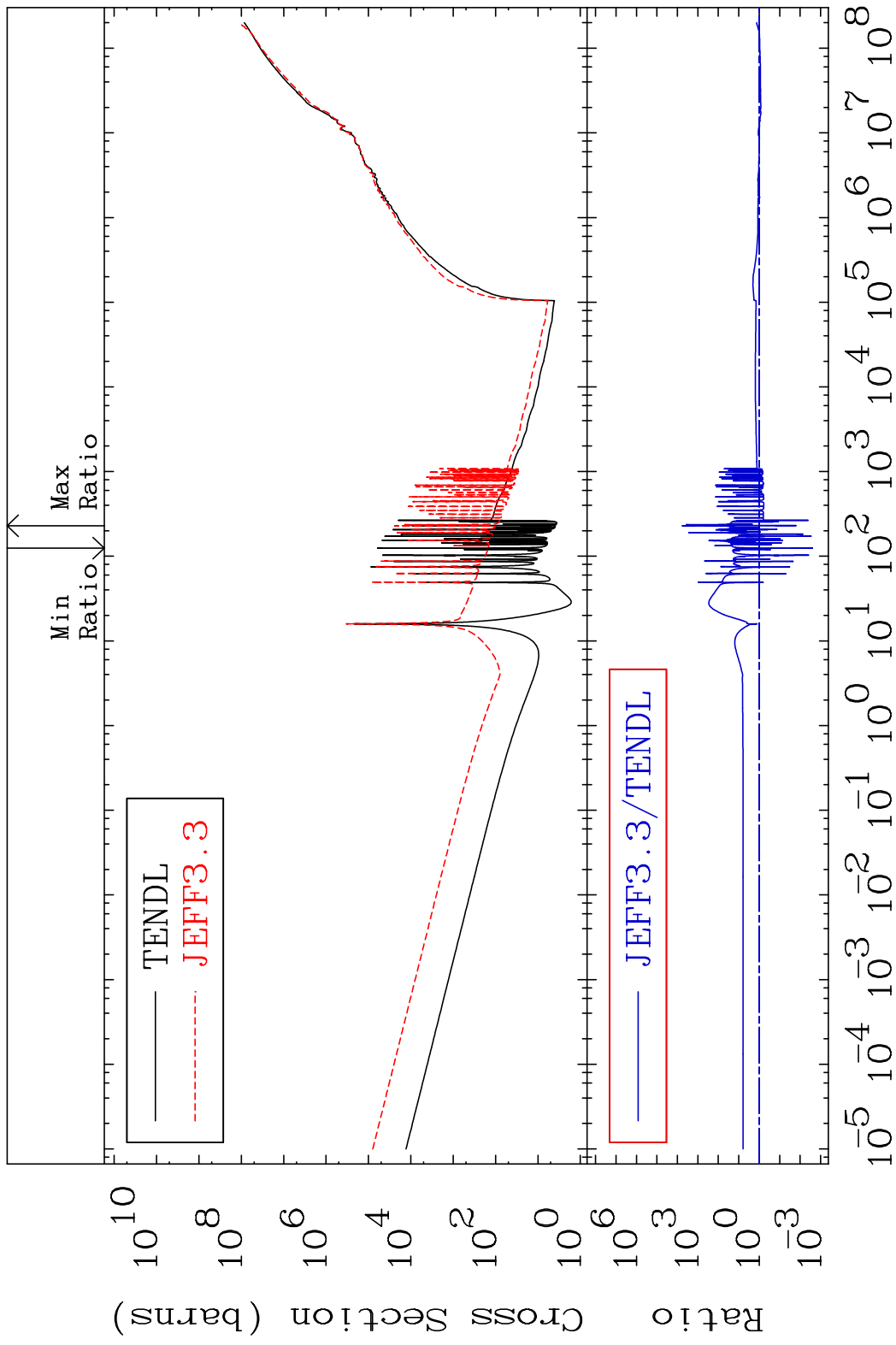
65 Incident Energy (eV) 74-W -180

MAT 7425

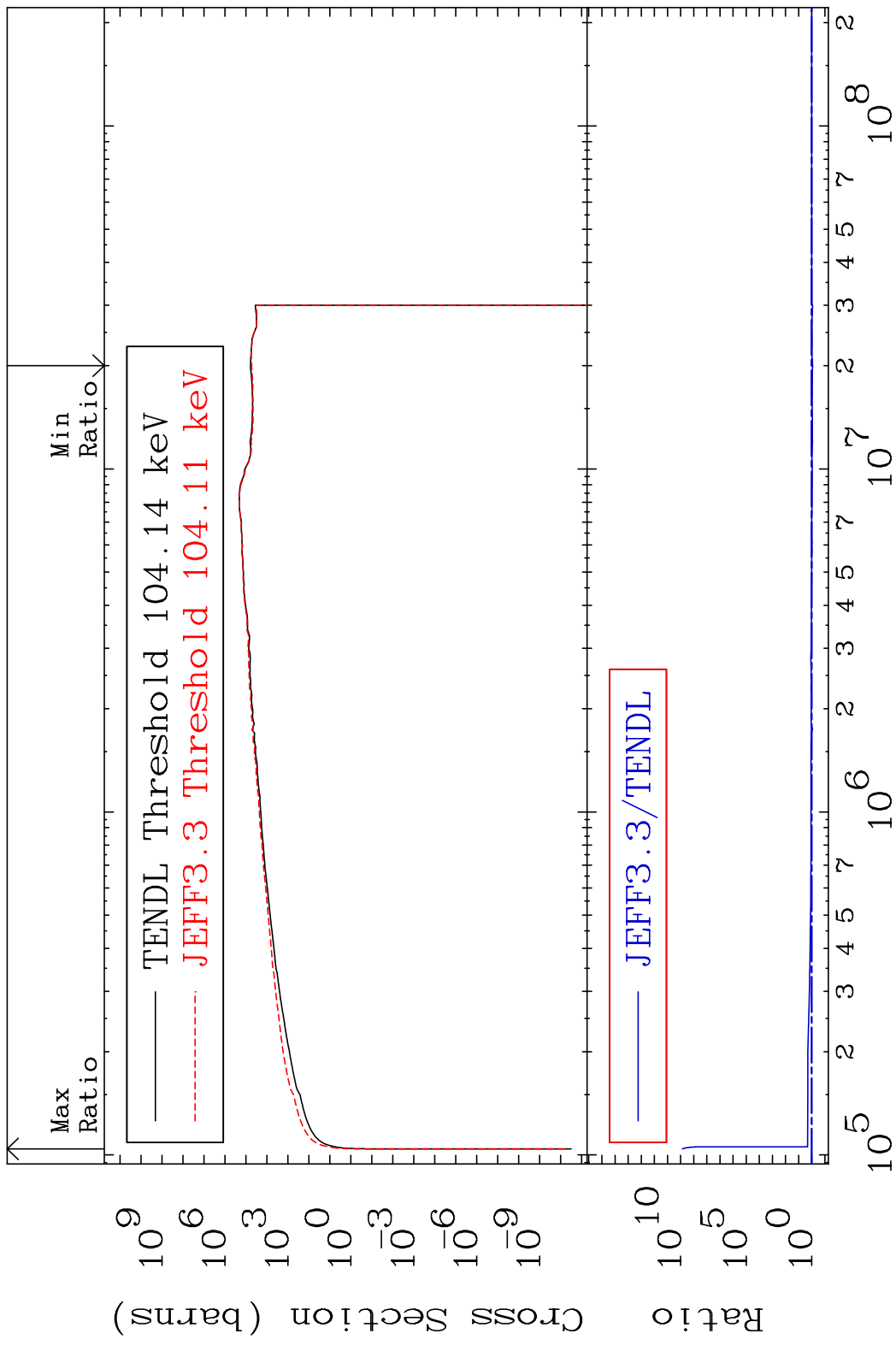
Kerma elastic
Cross Section -100.0 To 9999. %
74-W -180



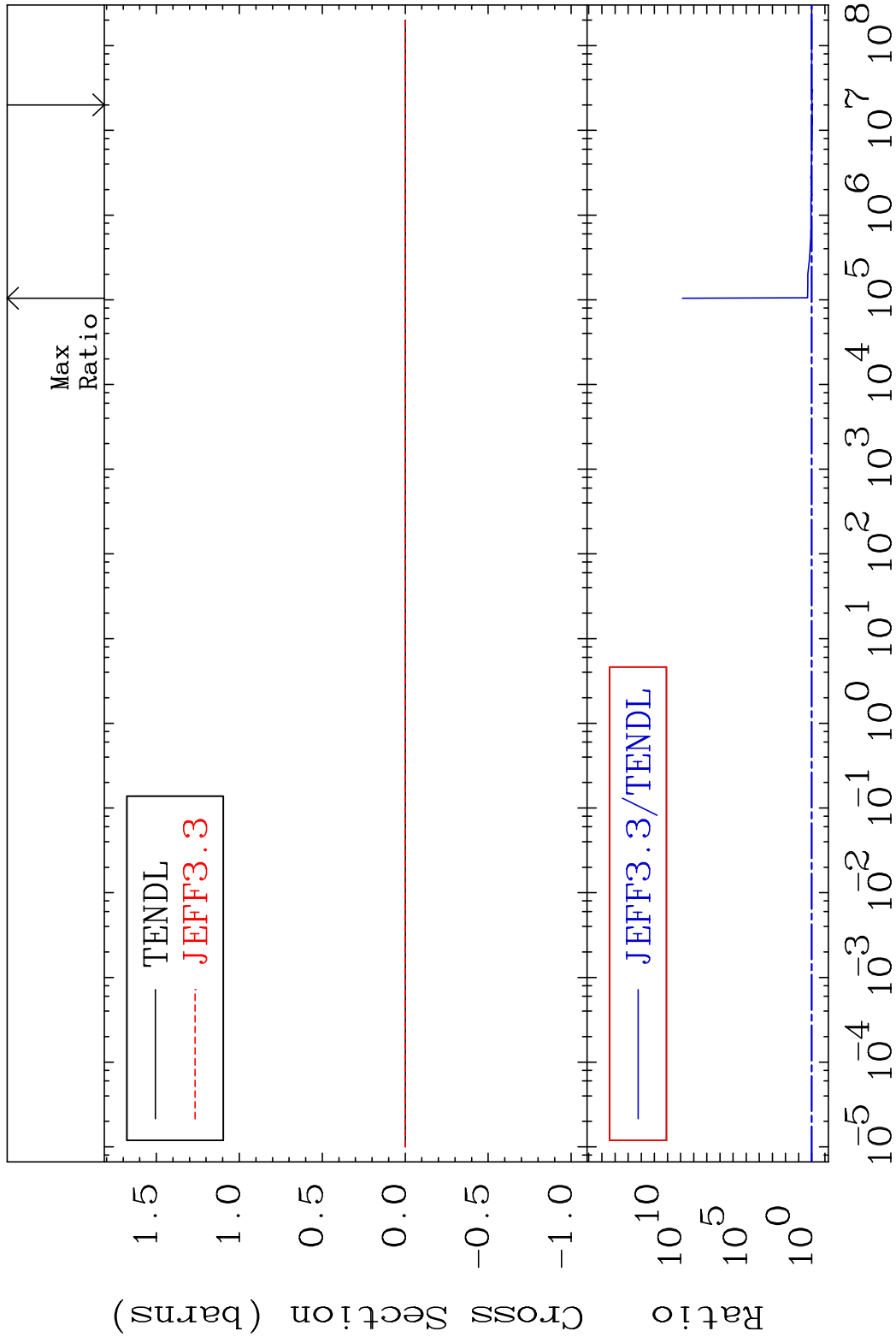
MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 Cross Section -99.75 To 9999. %



MAT 7425 Kerma inelastic (mt51-91) 74-W -180
 Cross Section -12.56 To 9999. %



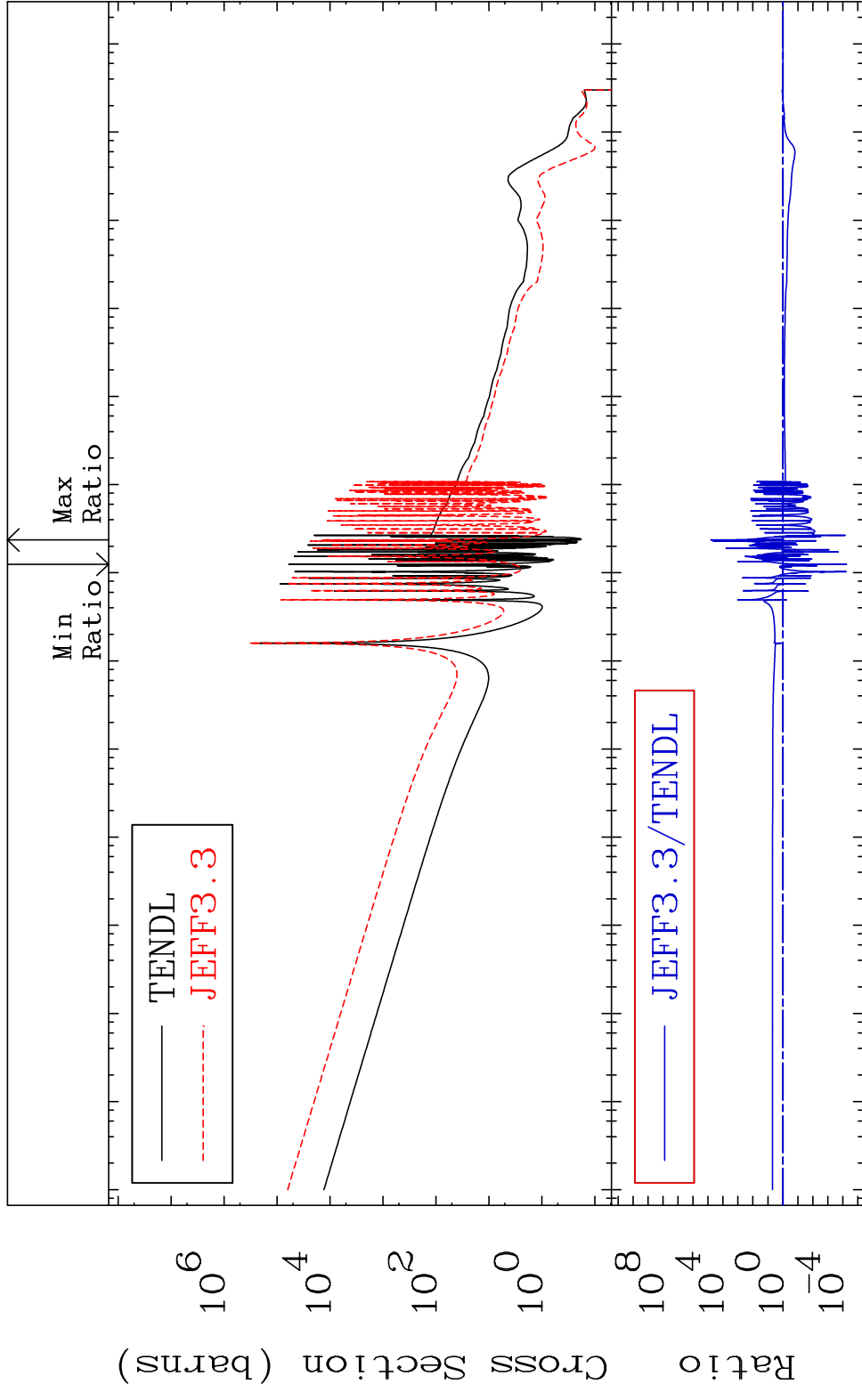
MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180
 Cross Section -12.56 To 9999. %



MAT 7425

Kerma capture (mt102) 74-W -180

Cross Section -99.99 To 9999. %

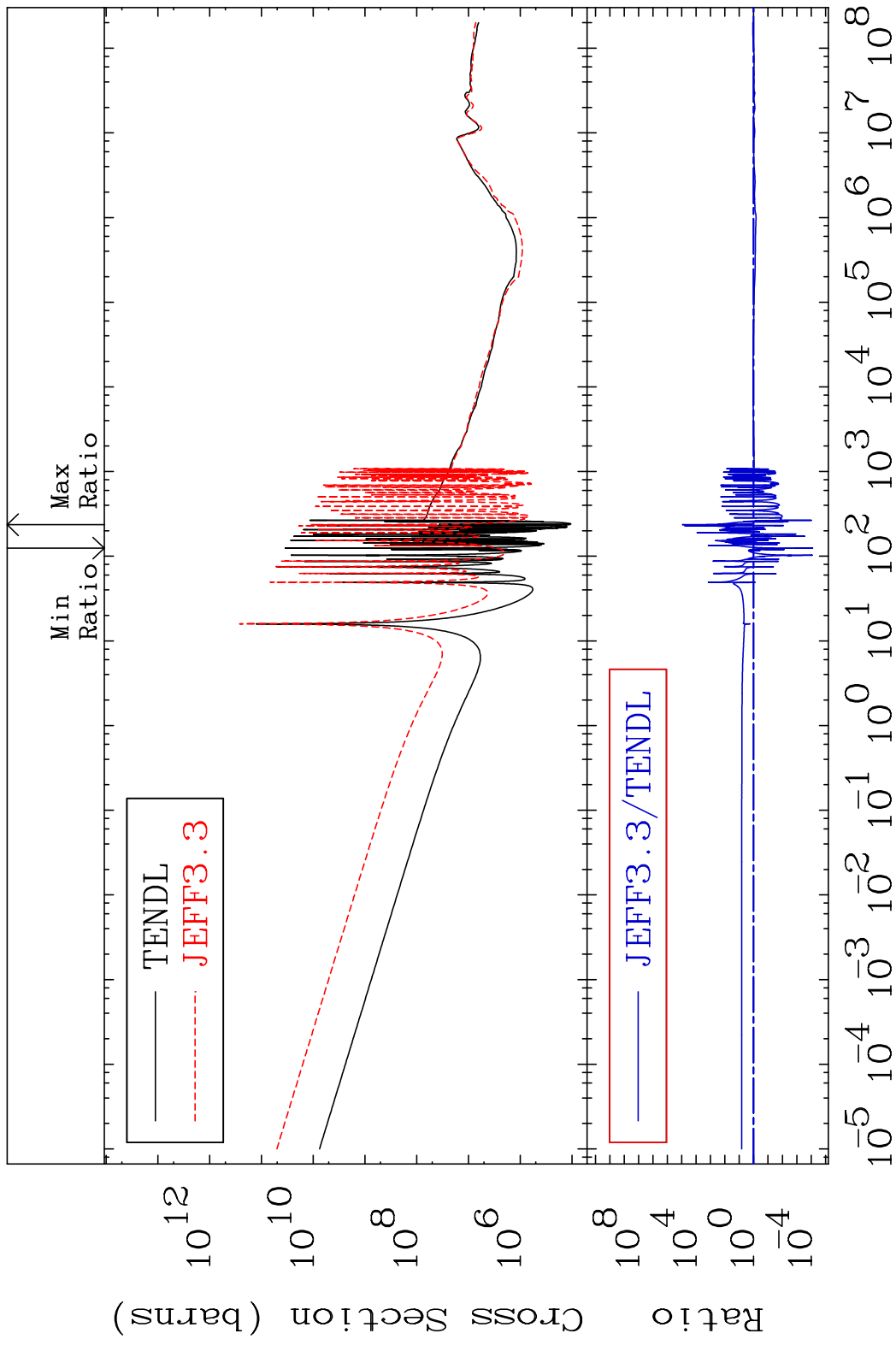


70

Incident Energy (eV)

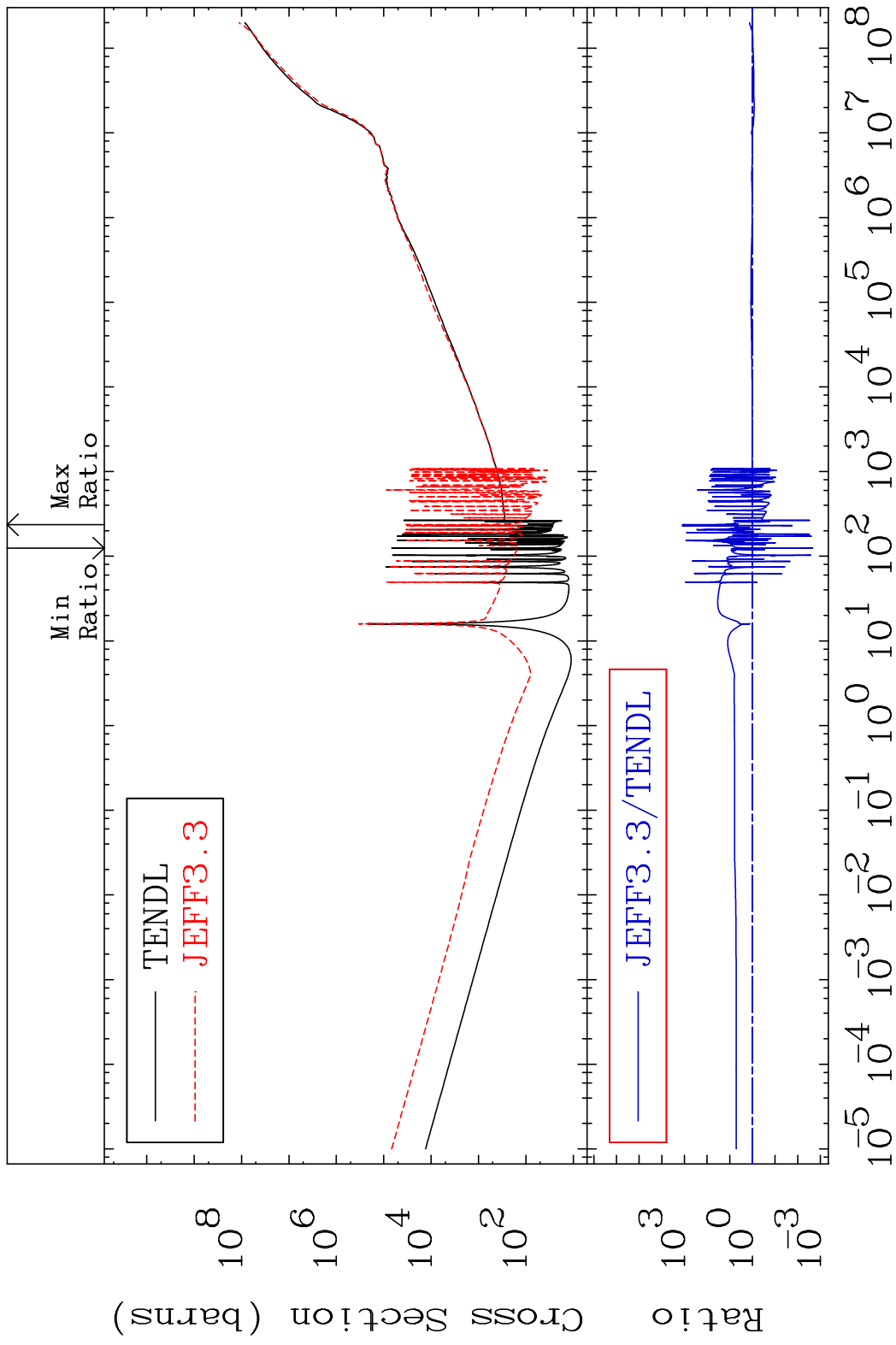
74-W -180

MAT 7425 Total photon (eV-barns) 74-W -180
 Cross Section -99.99 To 9999. %

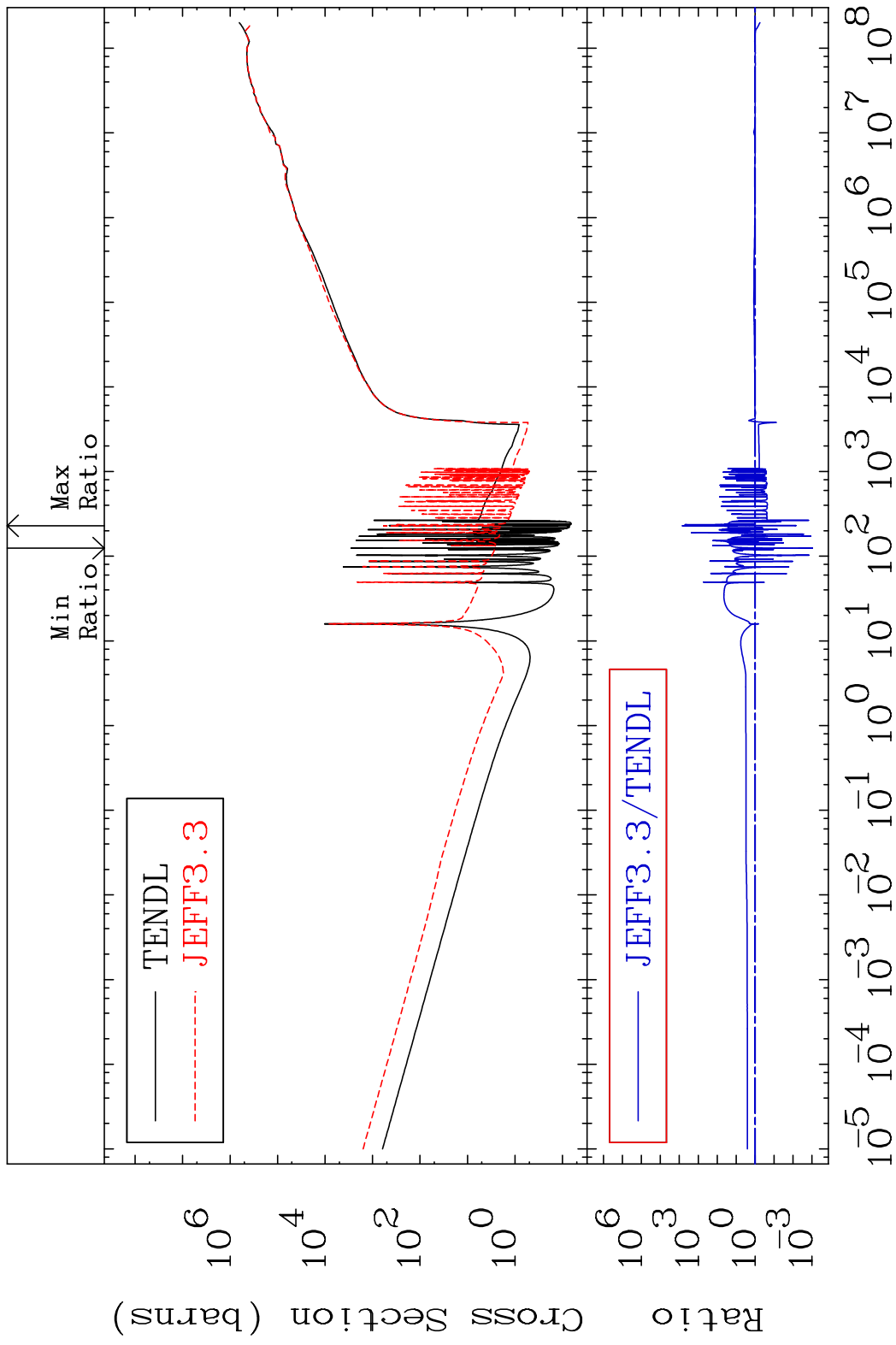


71 Incident Energy (eV) 74-W -180

MAT 7425 Total kinematic kerma (high limit) 74-W -180
 Cross Section -99.78 To 9999. %



MAT 7425 Dpa total (eV-barns) 74-W -180
 Cross Section -99.91 To 9999. %



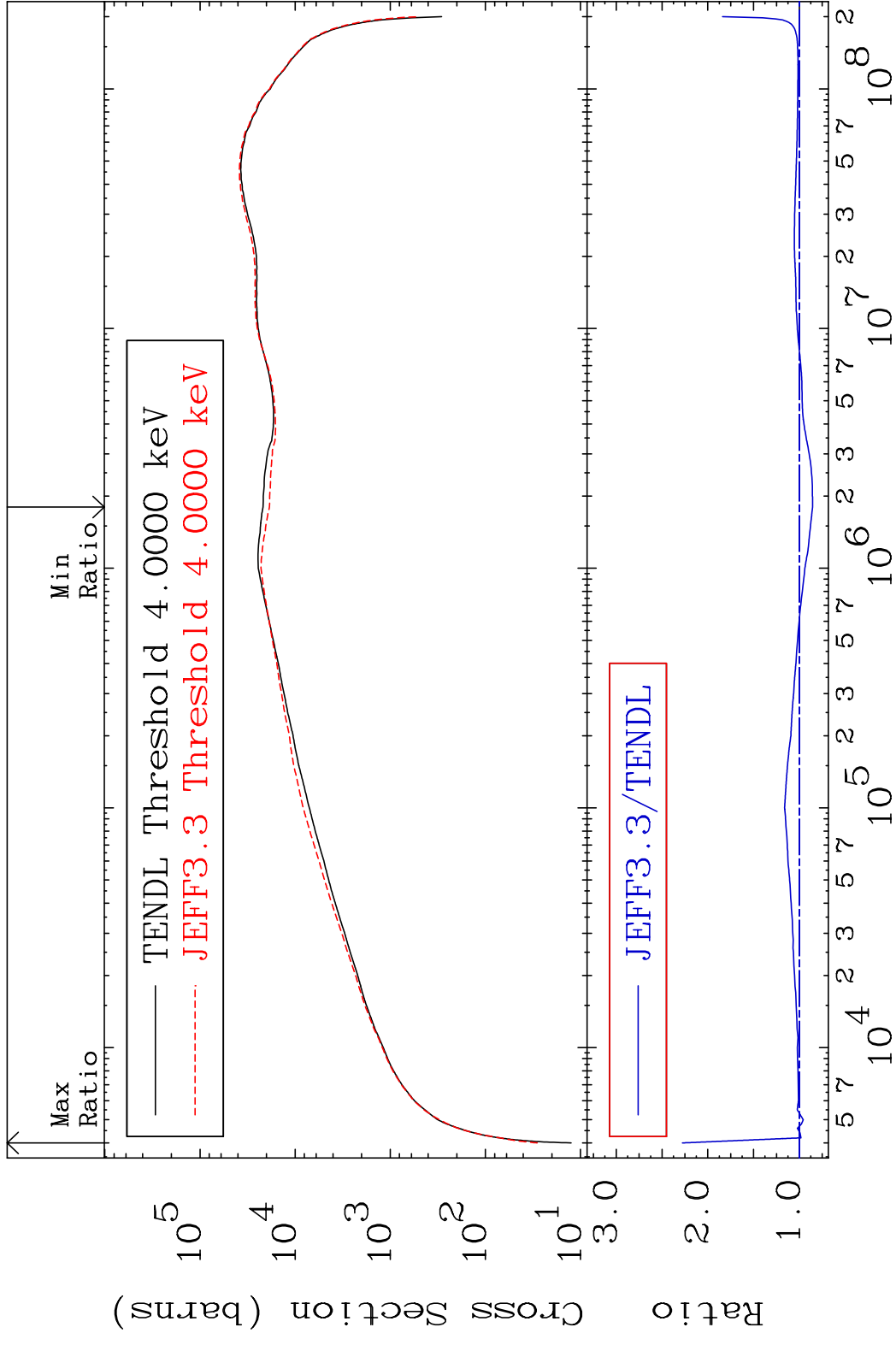
73 Incident Energy (eV) 74-W -180

MAT 7425

Dpa elastic (mt2)

74-W -180

Cross Section -14.41 To 127.8 %



74

Incident Energy (eV)

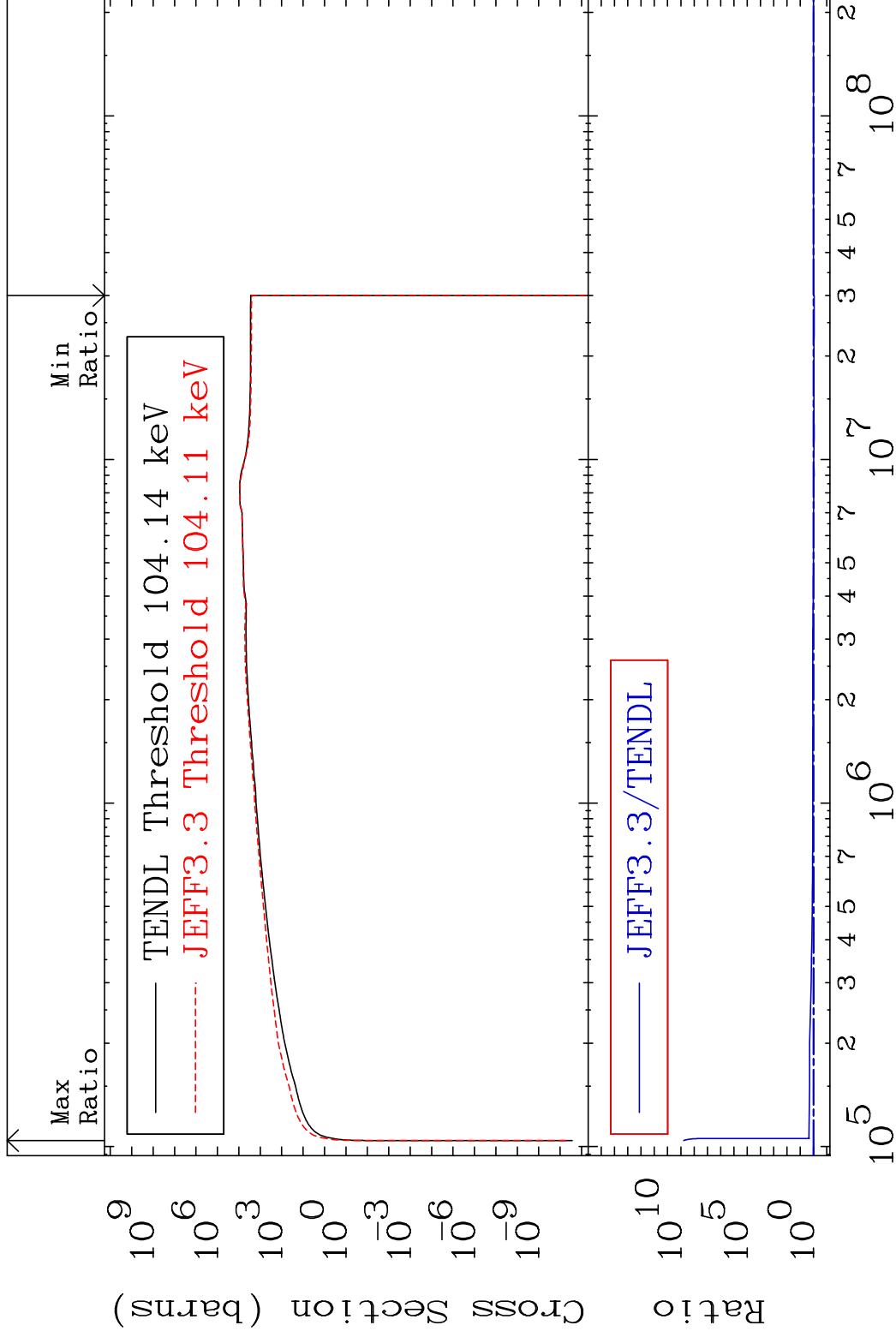
74-W -180

MAT 7425

Dpa inelastic (mt51-91)

74-W -180

Cross Section -9.237 To 9999. %

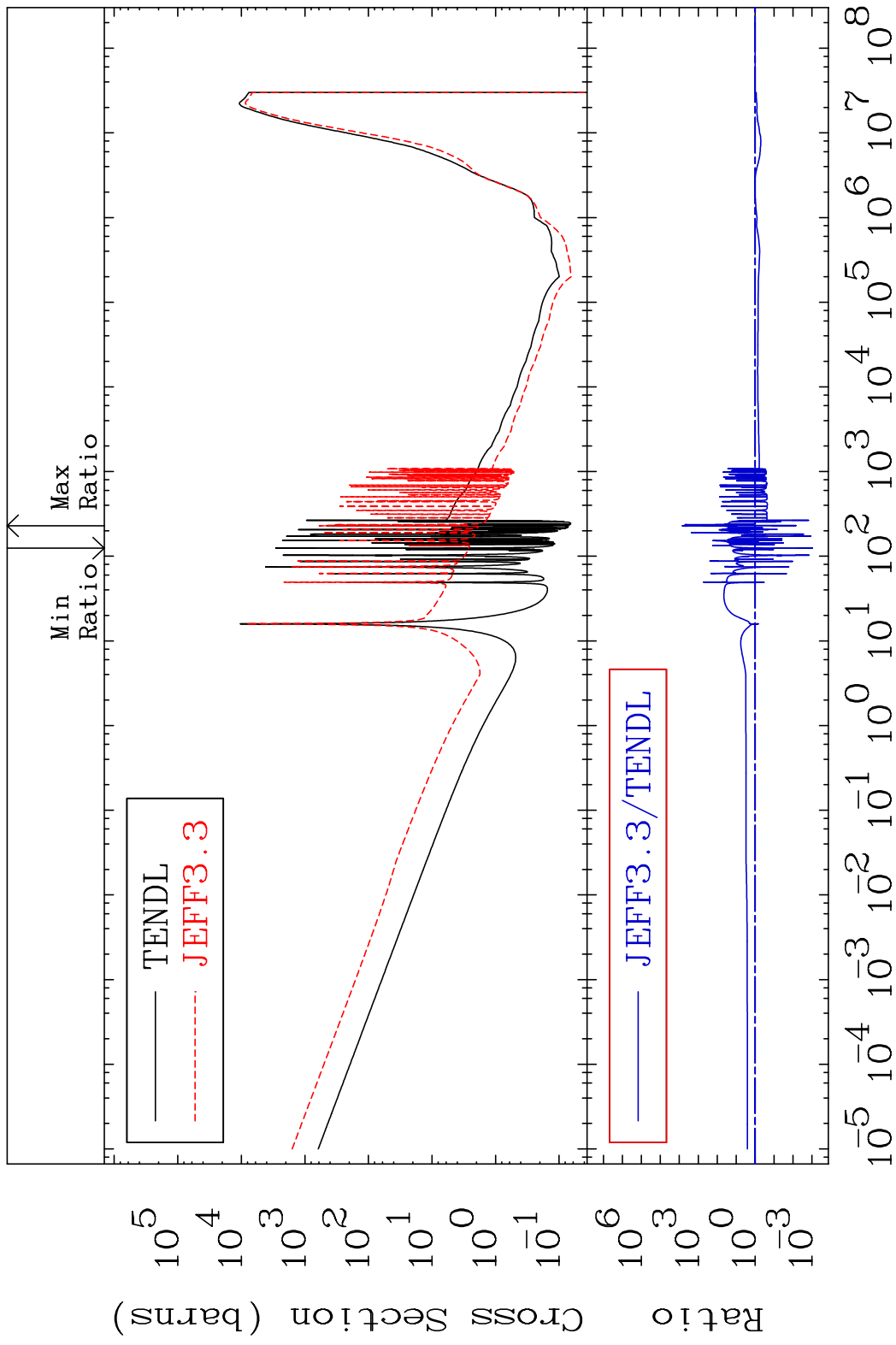


75

Incident Energy (eV)

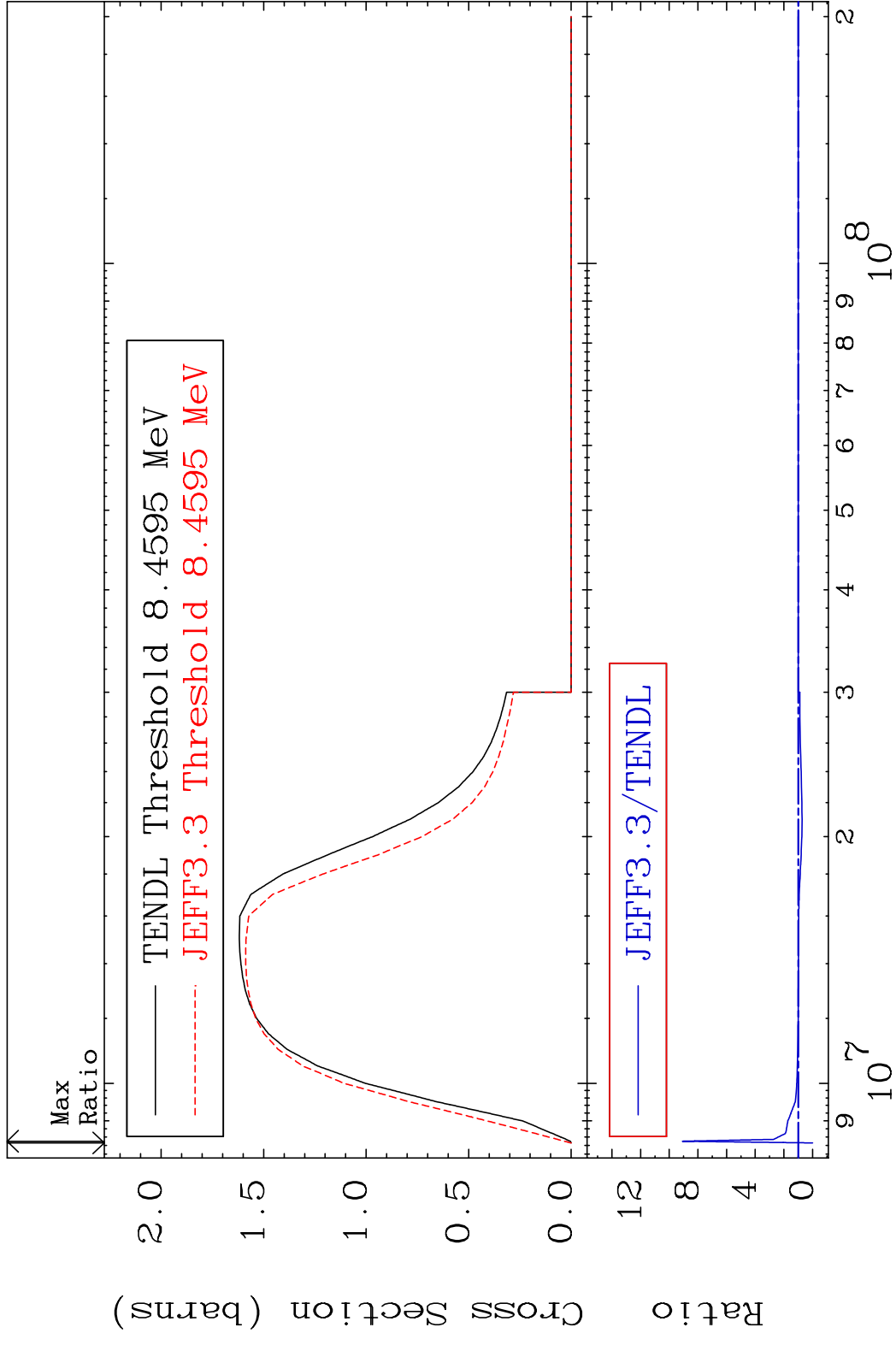
74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
 Cross Section -99.91 To 9999. %

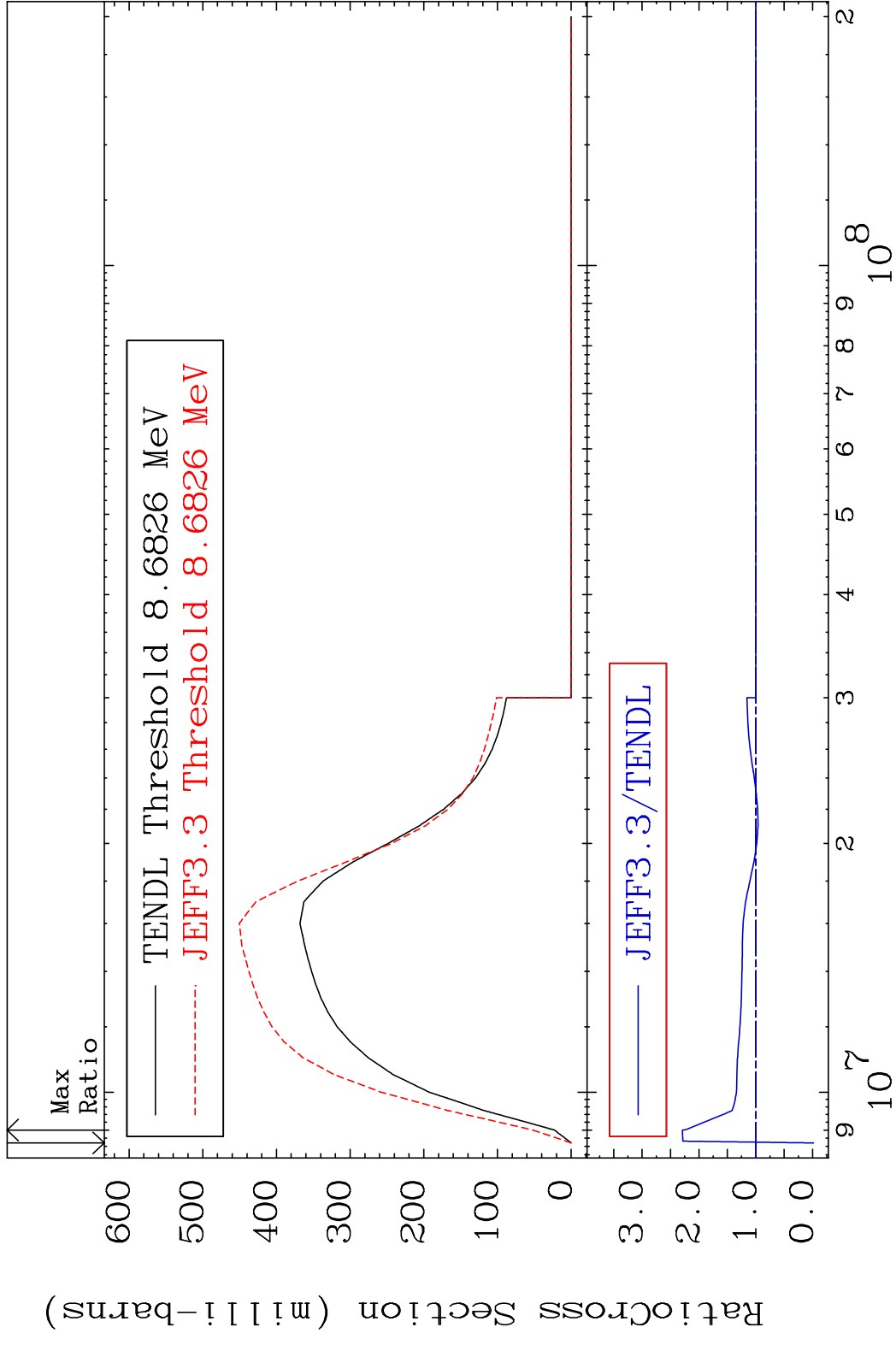


76 Incident Energy (eV) 74-W -180

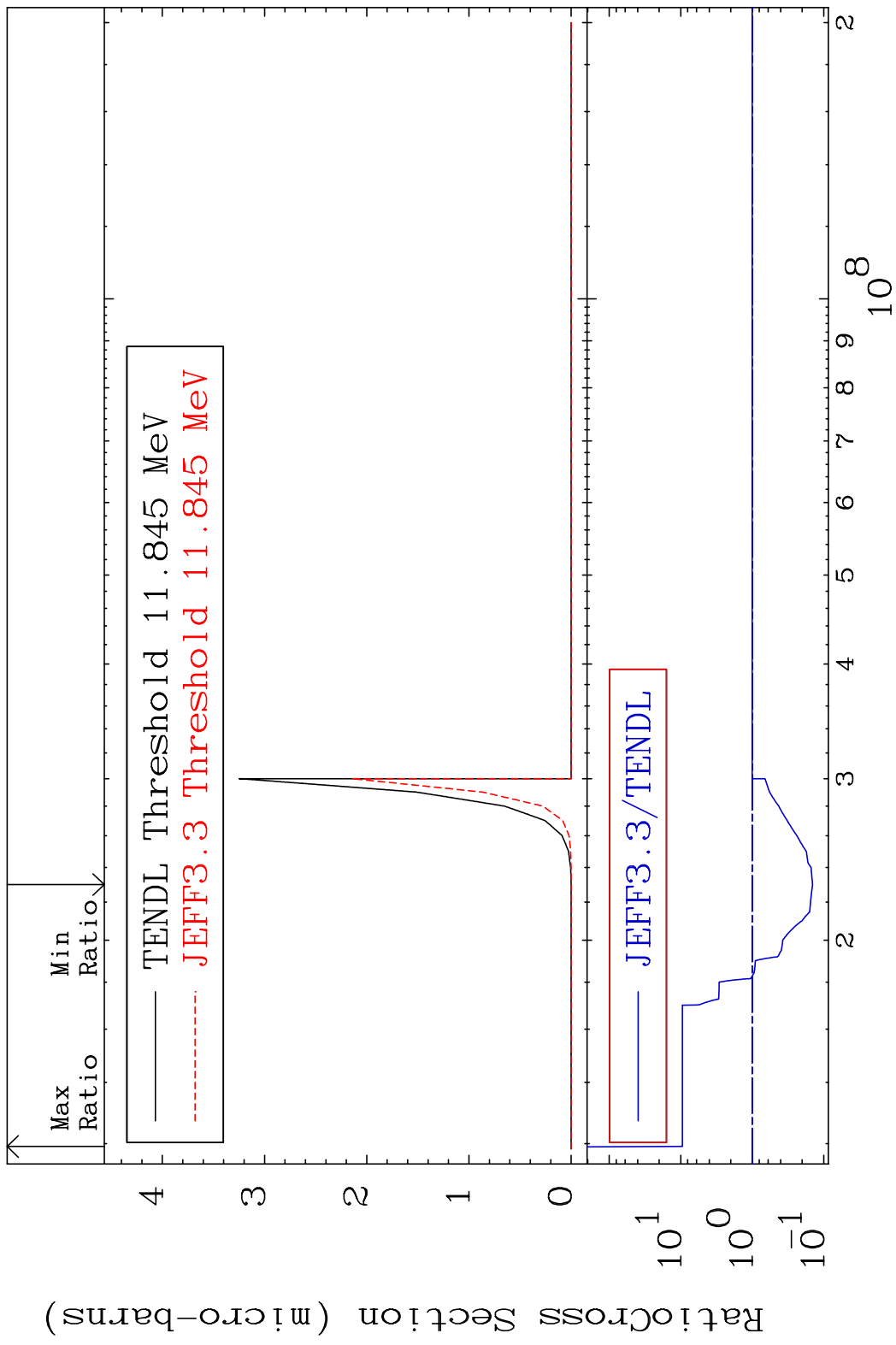
MAT 7425 (n,2n):74-W -179g 74-W -180
 Radionuclide Production Cross Section 808.6 %

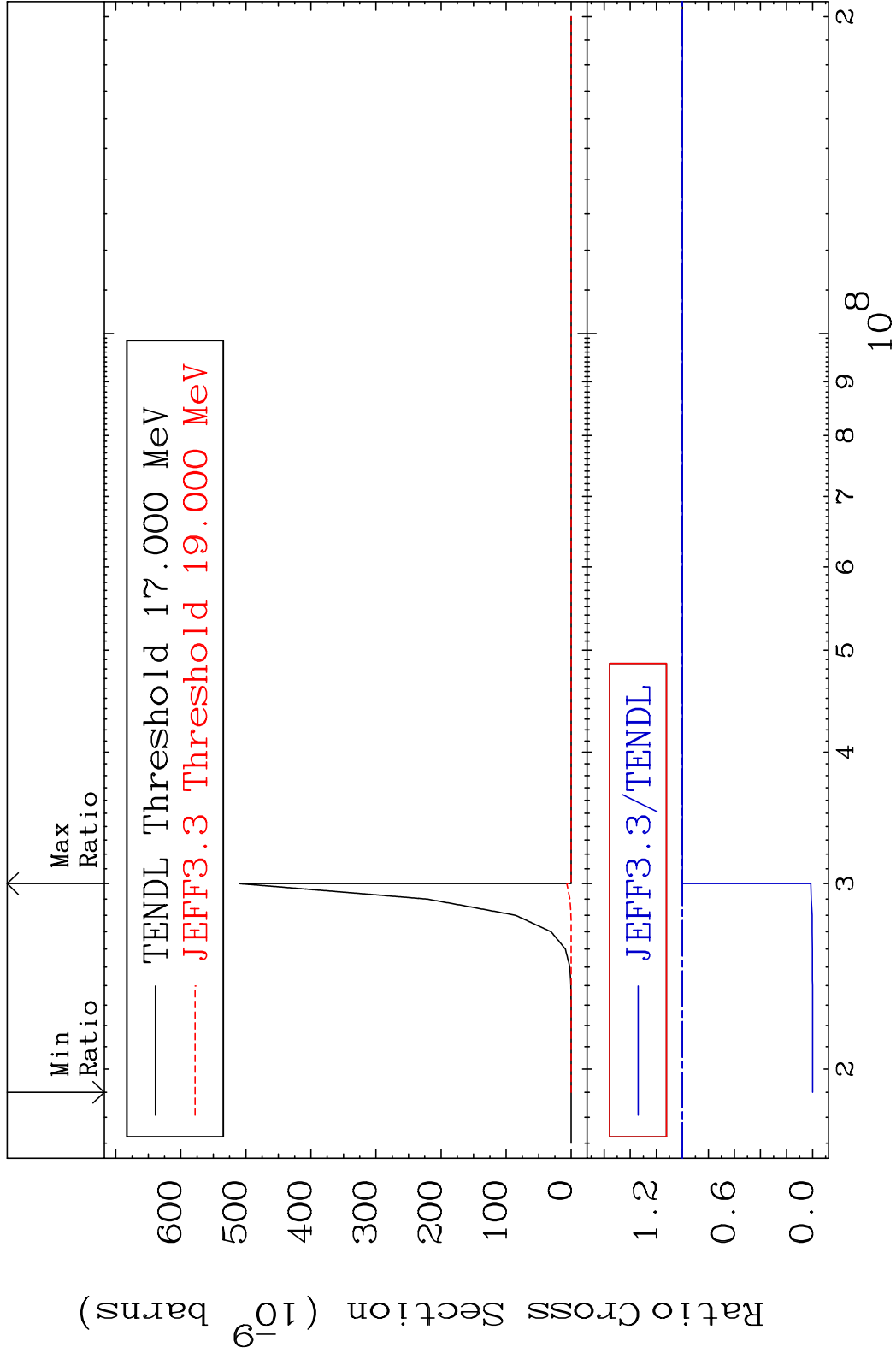


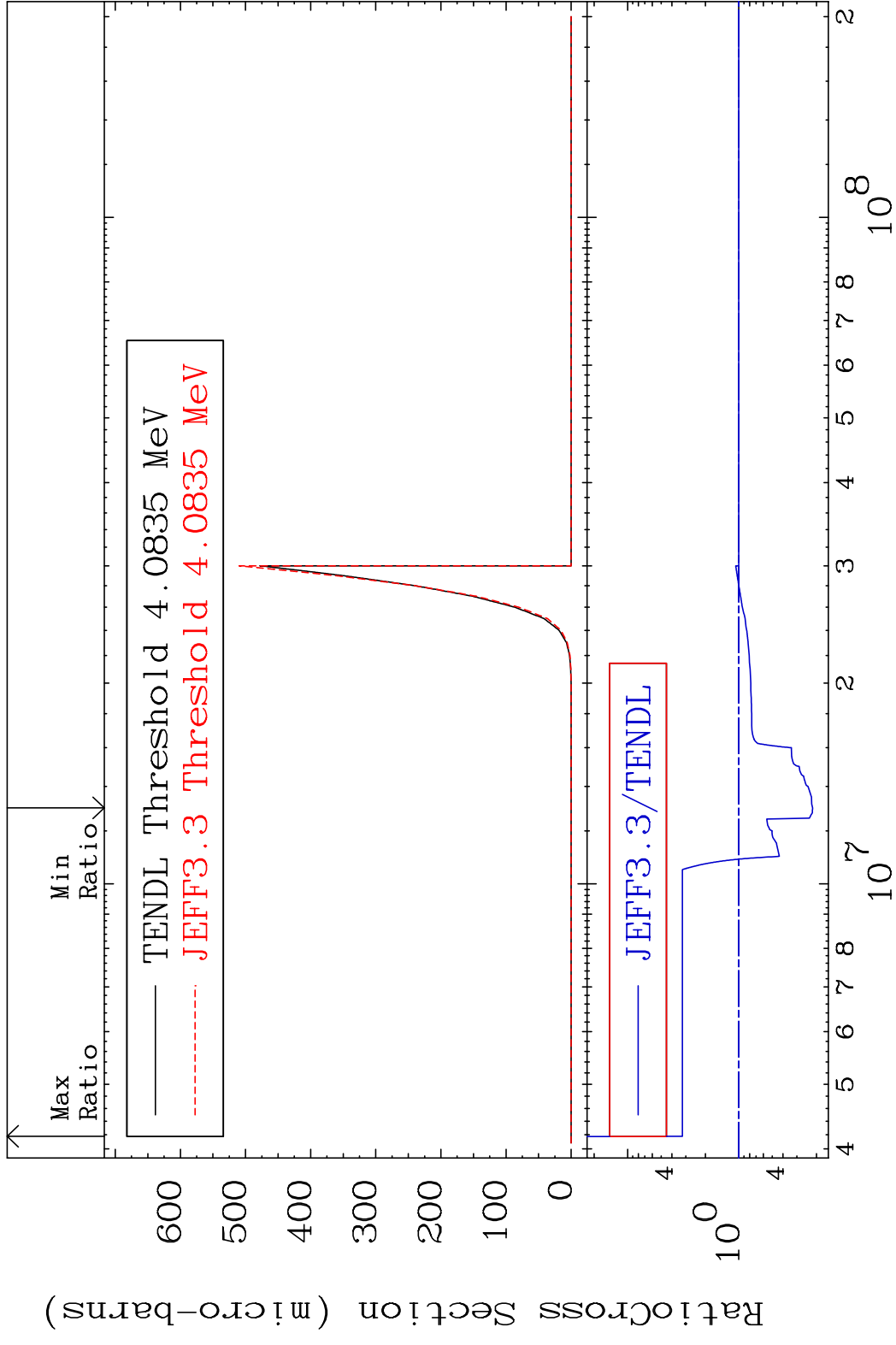
MAT 7425 (n,2n):74-W -179m2 74-W -180
 Radionuclide Production Cross Section 180.01 dth 129.2 %

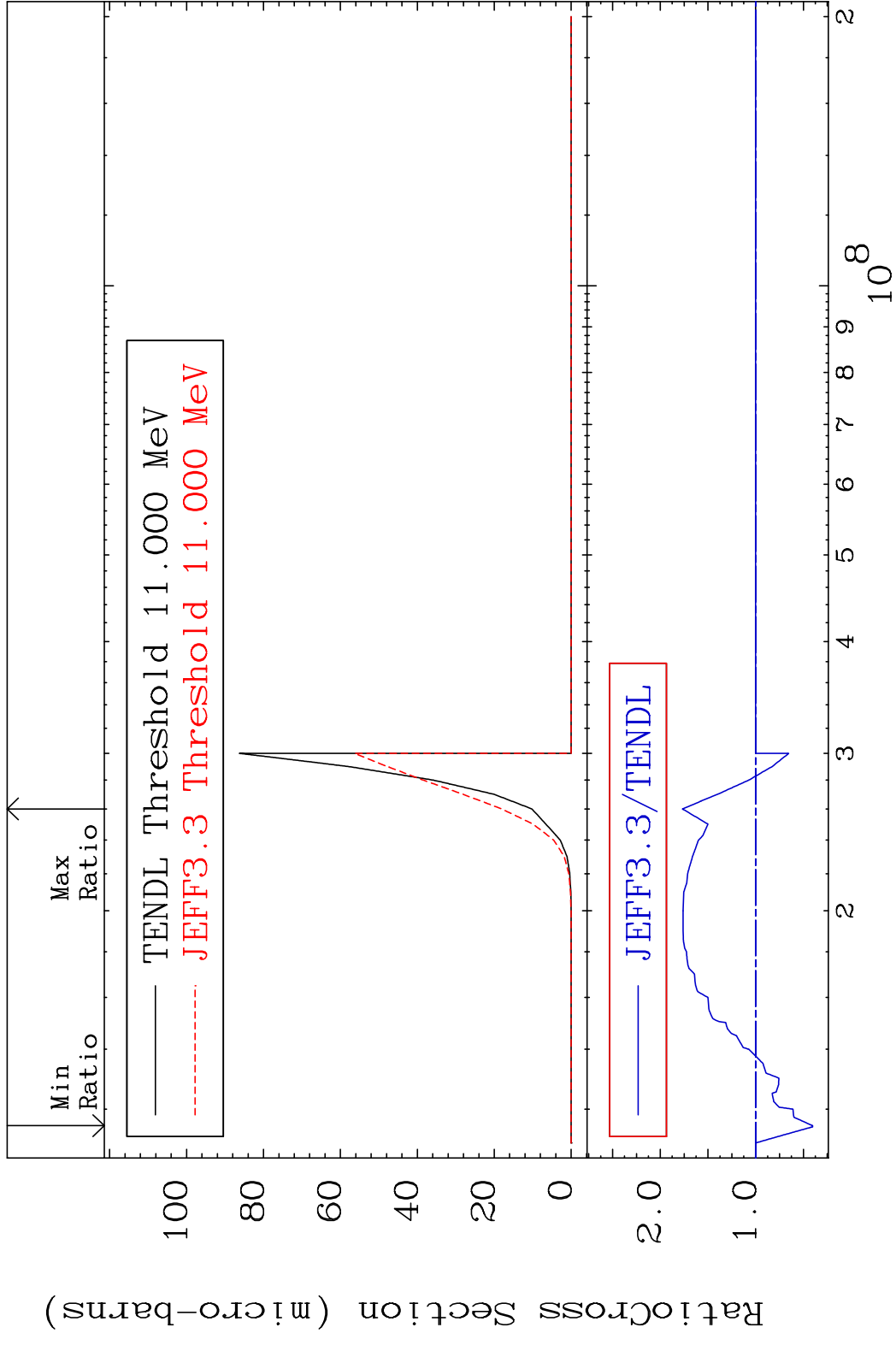


78 Incident Energy (eV) 74-W -180









MAT 7425 (n,2p):72-Hf-179g 74-W -180
 Radionuclide Production Cross Section 1800 d to 453.5 %

