

Program Complot
(Version 2021-1)

by

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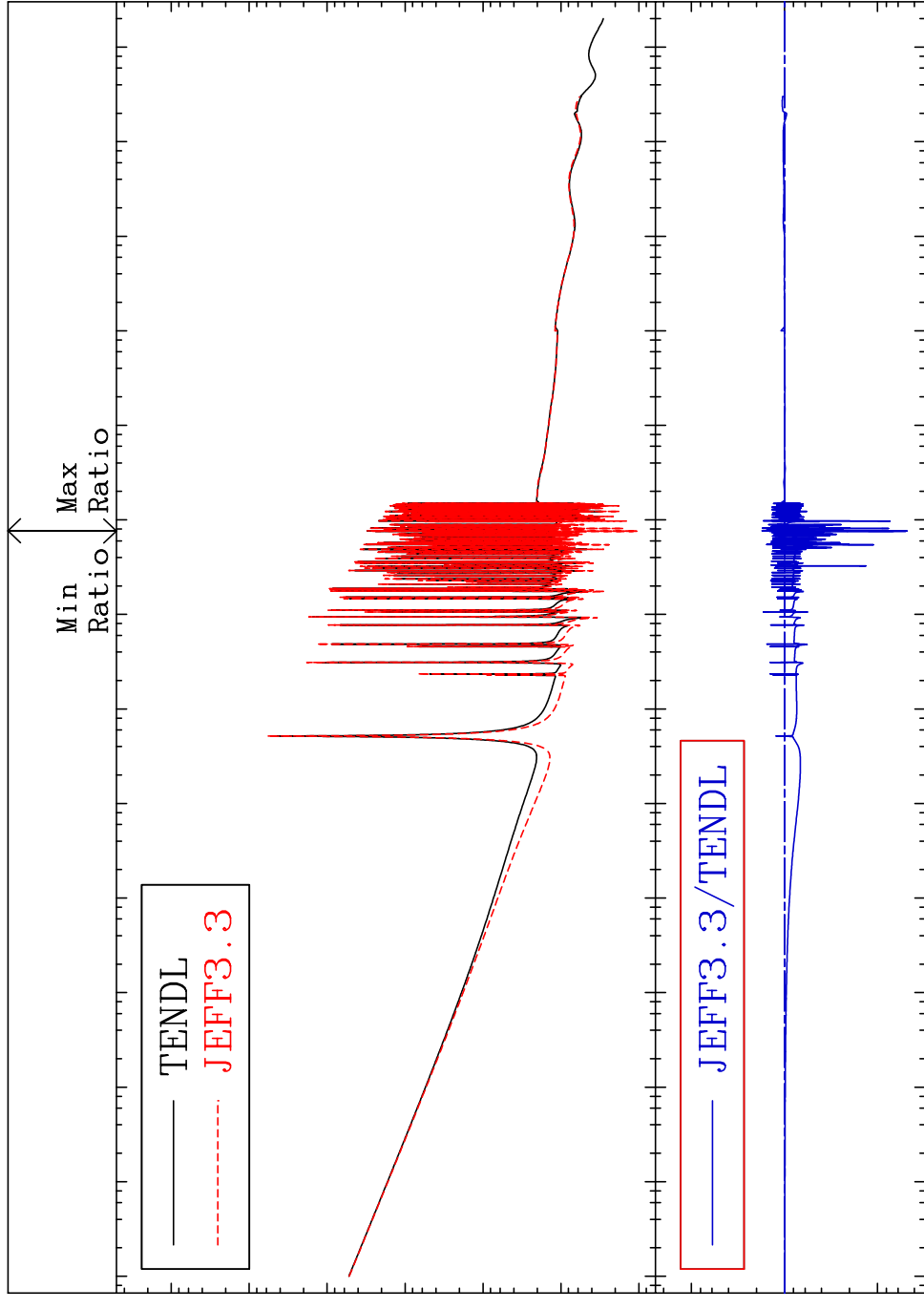
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9225

Total Cross Section -95.21 To 75.09 %

92-U -234



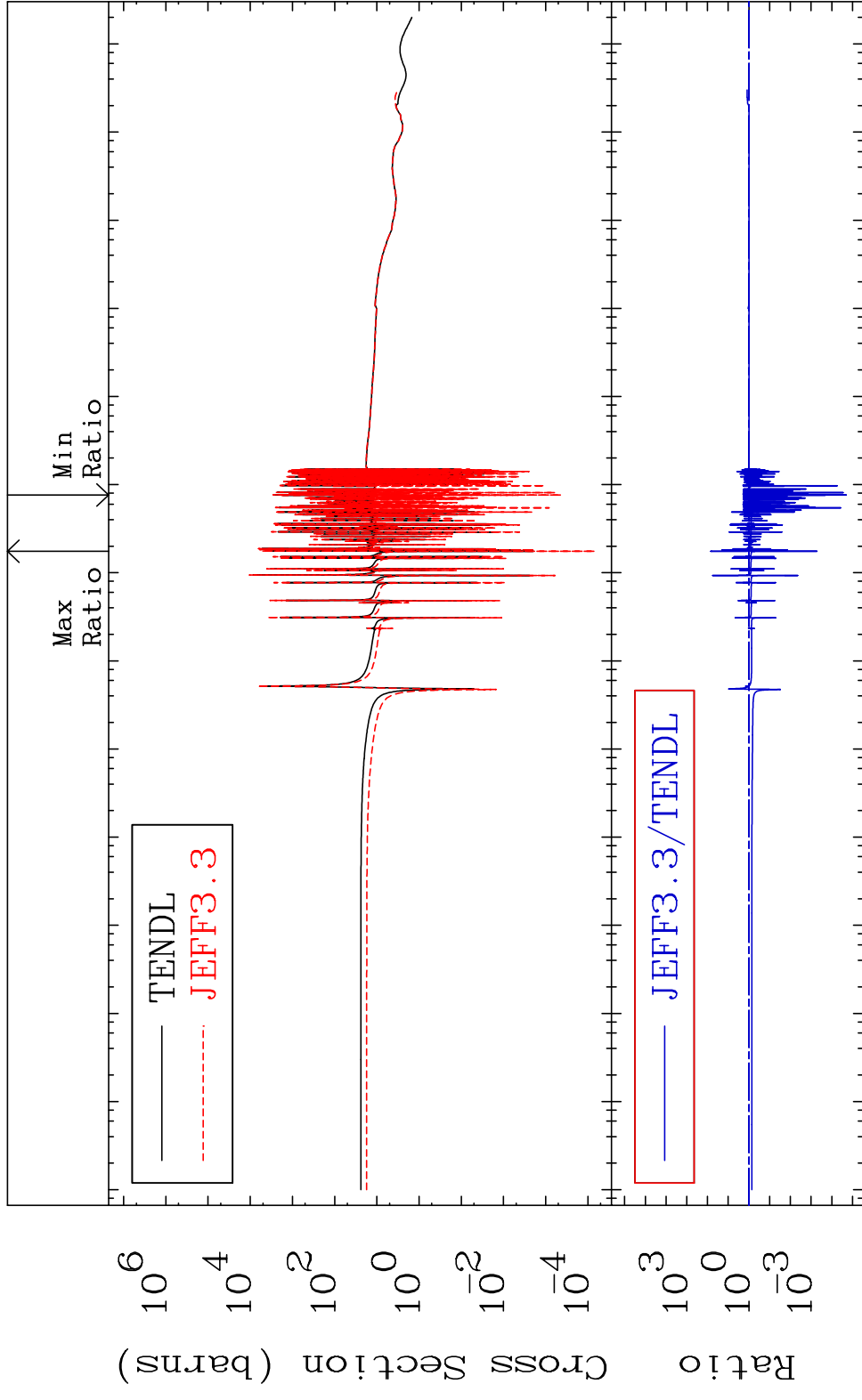
1

Incident Energy (eV)

92-U -234

MAT 9225

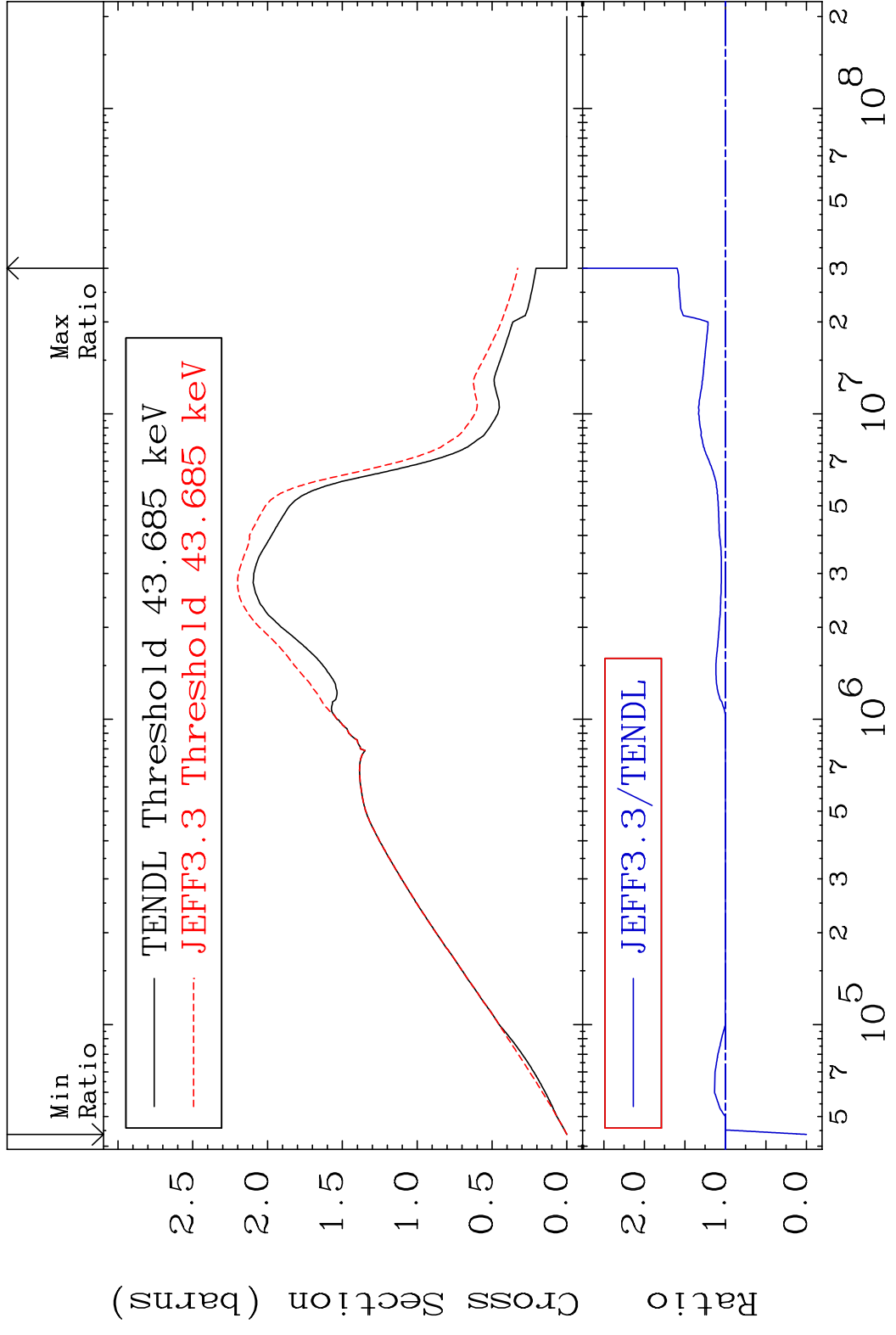
Elastic
Cross Section -100.0 To 6877. %
92-U -234



2

Incident Energy (eV) 92-U -234

MAT 9225 Inelastic 92-U -234
 Cross Section -100.0 To 59.50 %

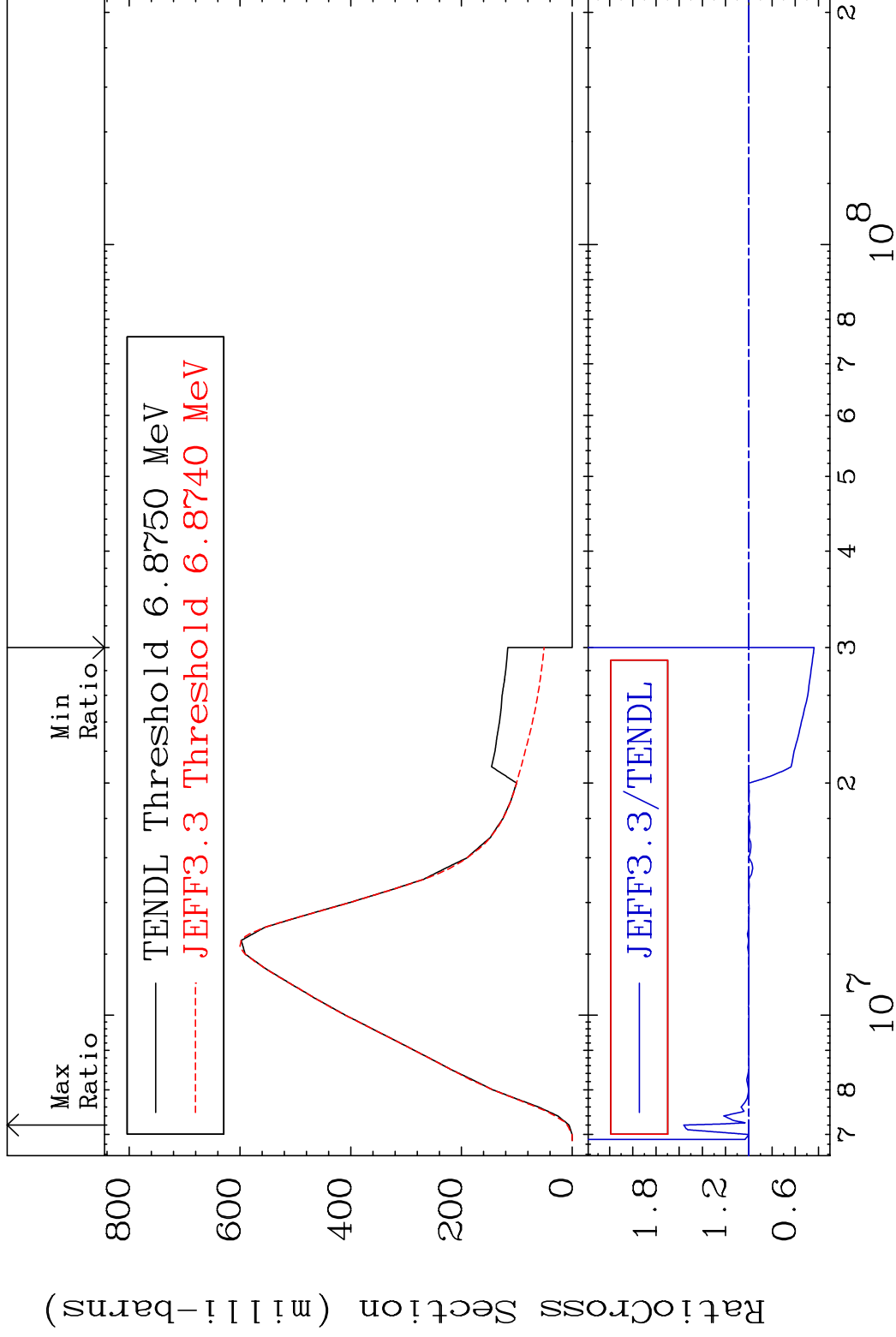


MAT 9225

(n,2n)

92-U -234

Cross Section -56.28 To 56.15 %



4

Incident Energy (eV)

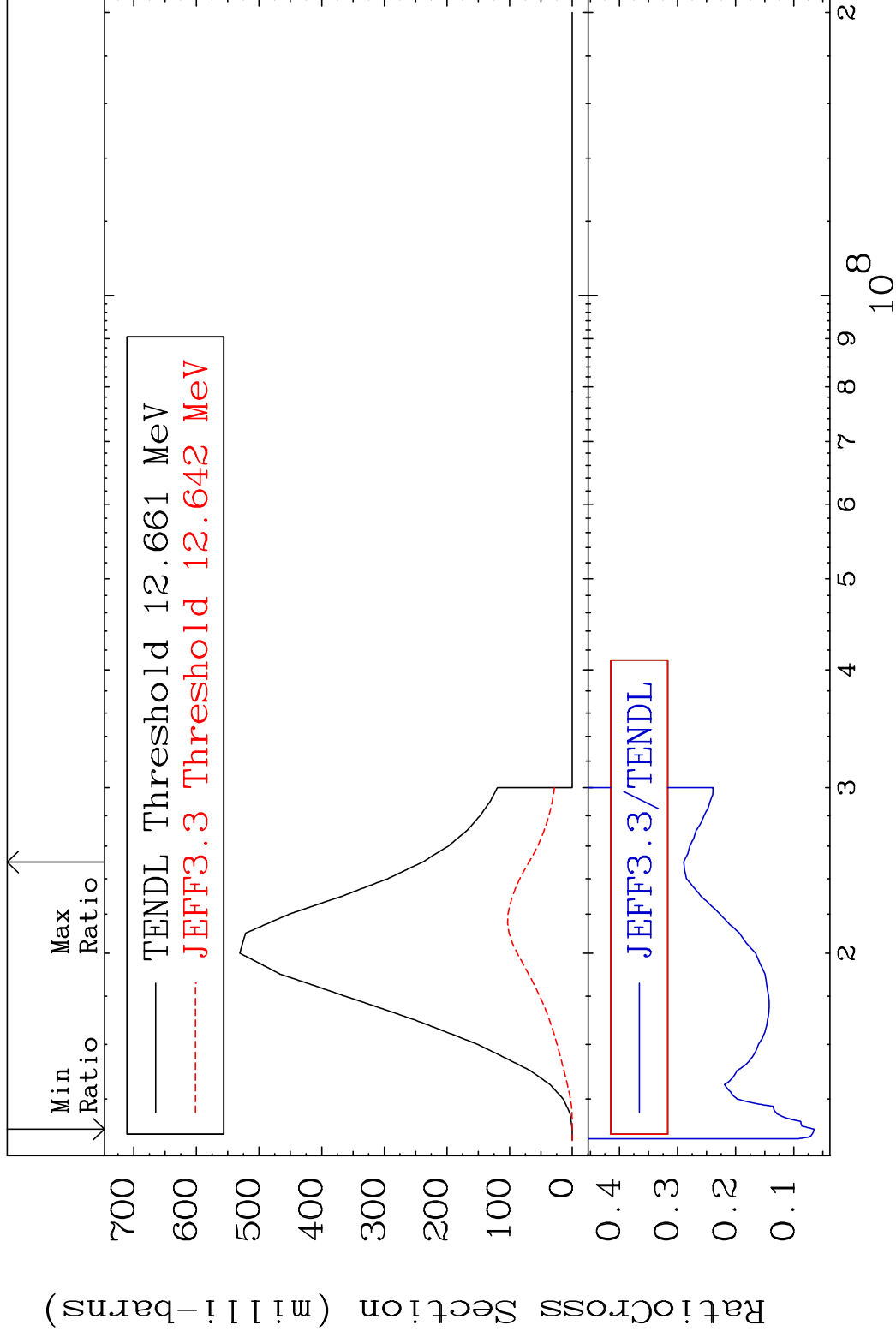
92-U -234

MAT 9225

(n,3n)

92-U -234

Cross Section -93.50 To -71.05%



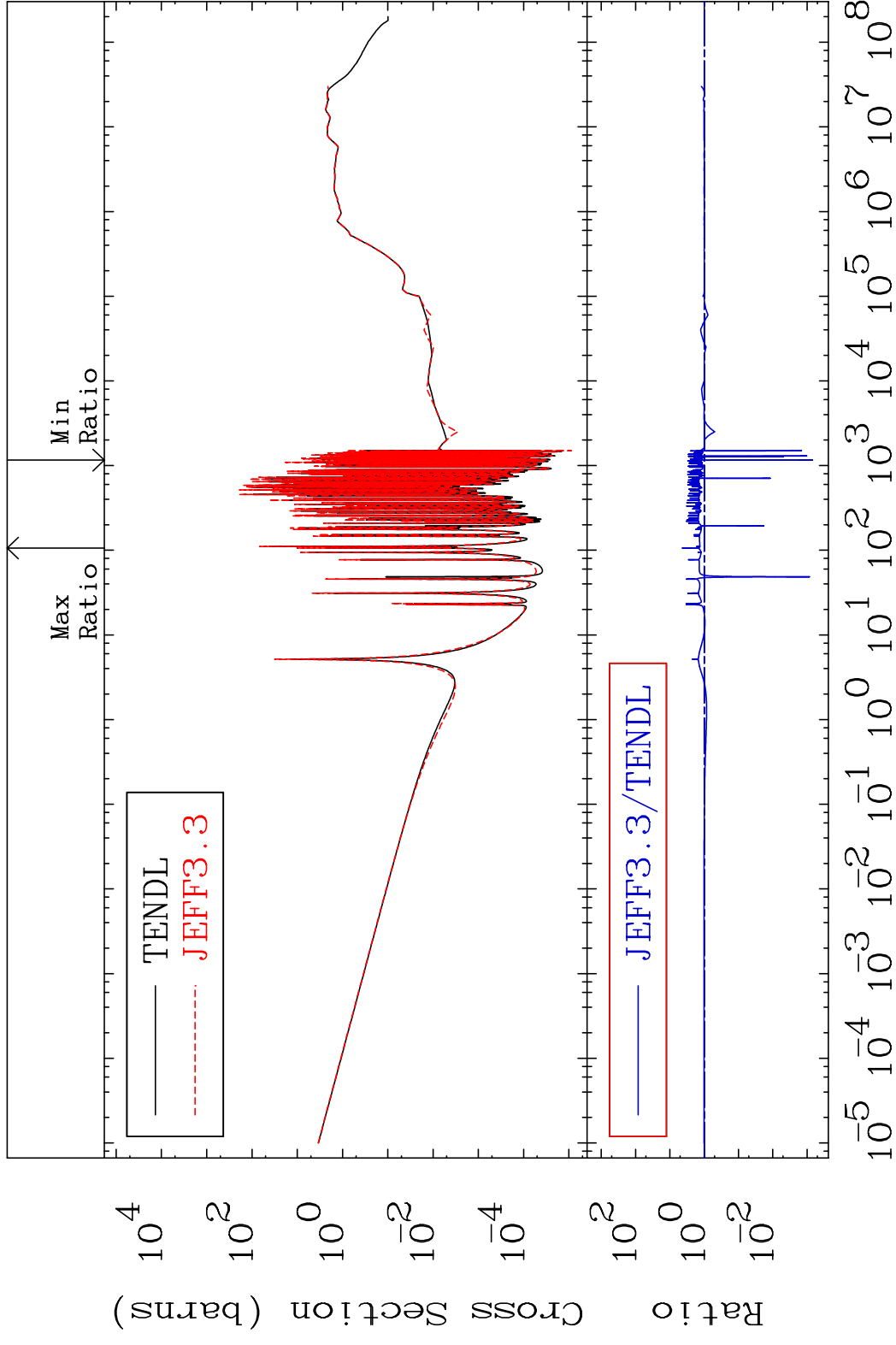
5

Incident Energy (eV)

92-U -234

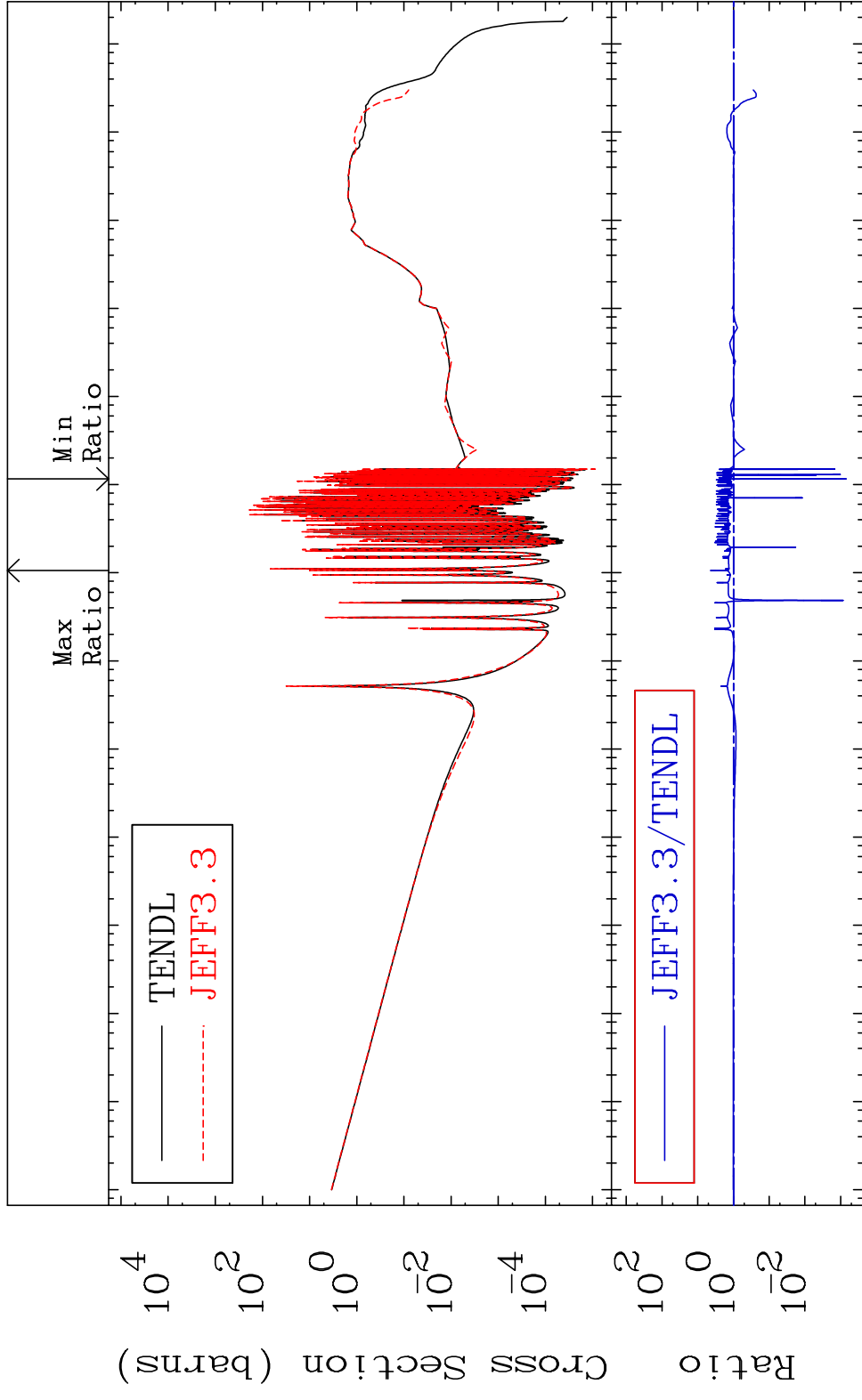
MAT 9225

Fission Cross Section -99.93 To 333.0 %
92-U -234



MAT 9225

(n,f) First Chance 92-U -234
Cross Section -99.93 To 333.0 %

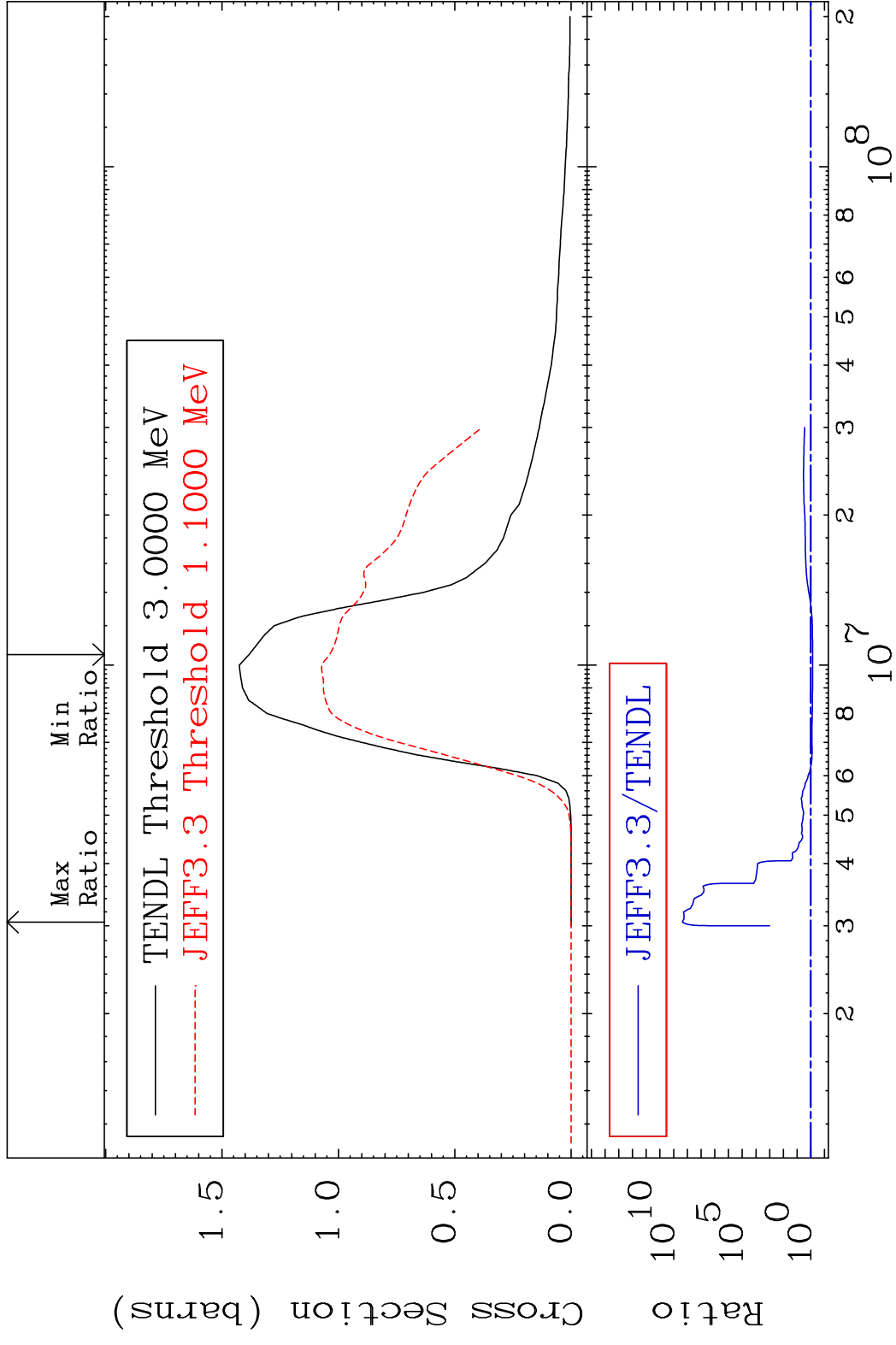


7

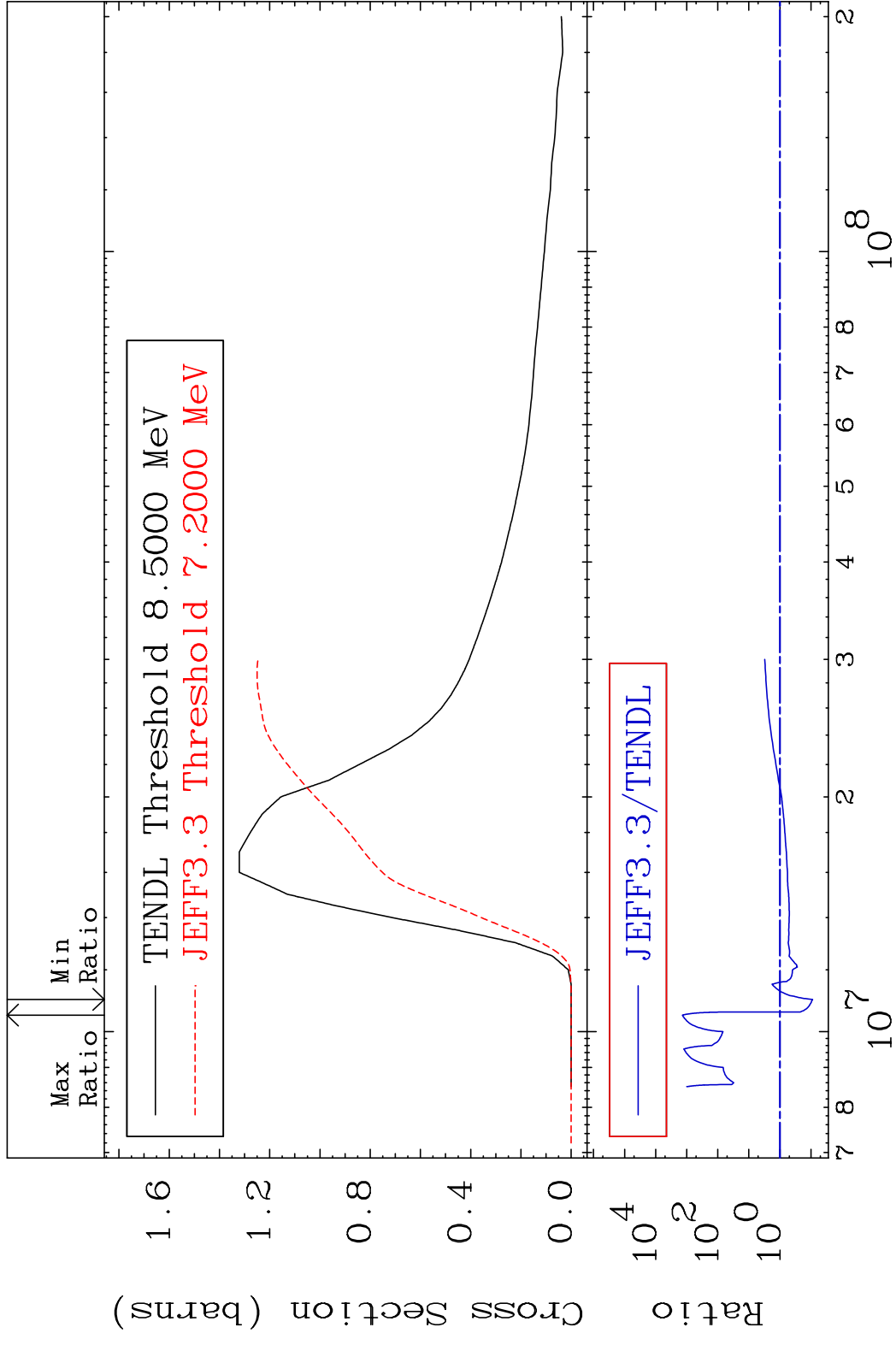
Incident Energy (eV)

92-U -234

MAT 9225 (n, nf) Second Chance 92-U -234
 Cross Section -25.05 To 9999. %



MAT 9225 (n,2nf) Third Chance 92-U -234
 Cross Section -91.10 To 9999. %

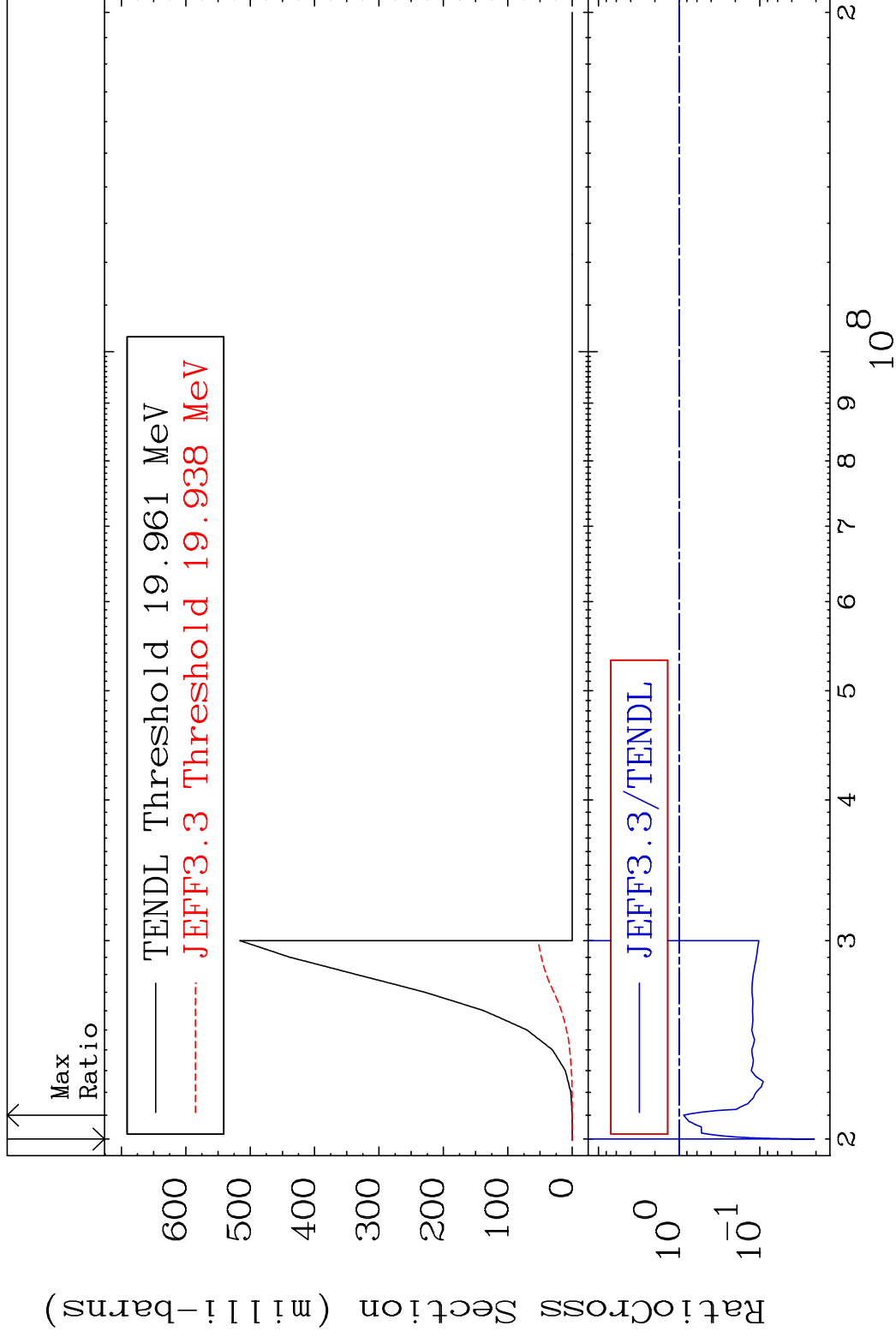


MAT 9225

(n,4n)

92-U -234

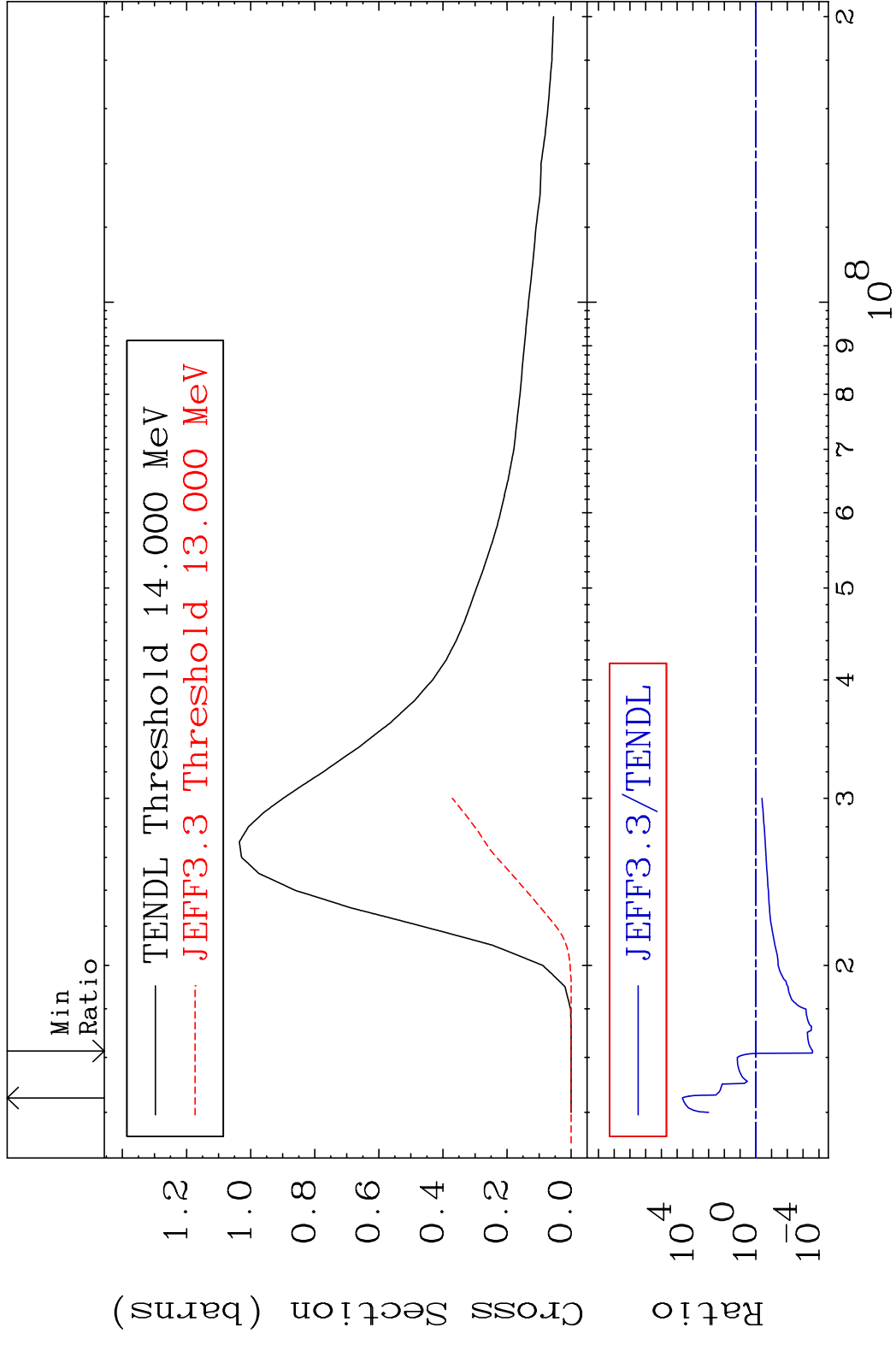
Cross Section -97.89 To -12.20%



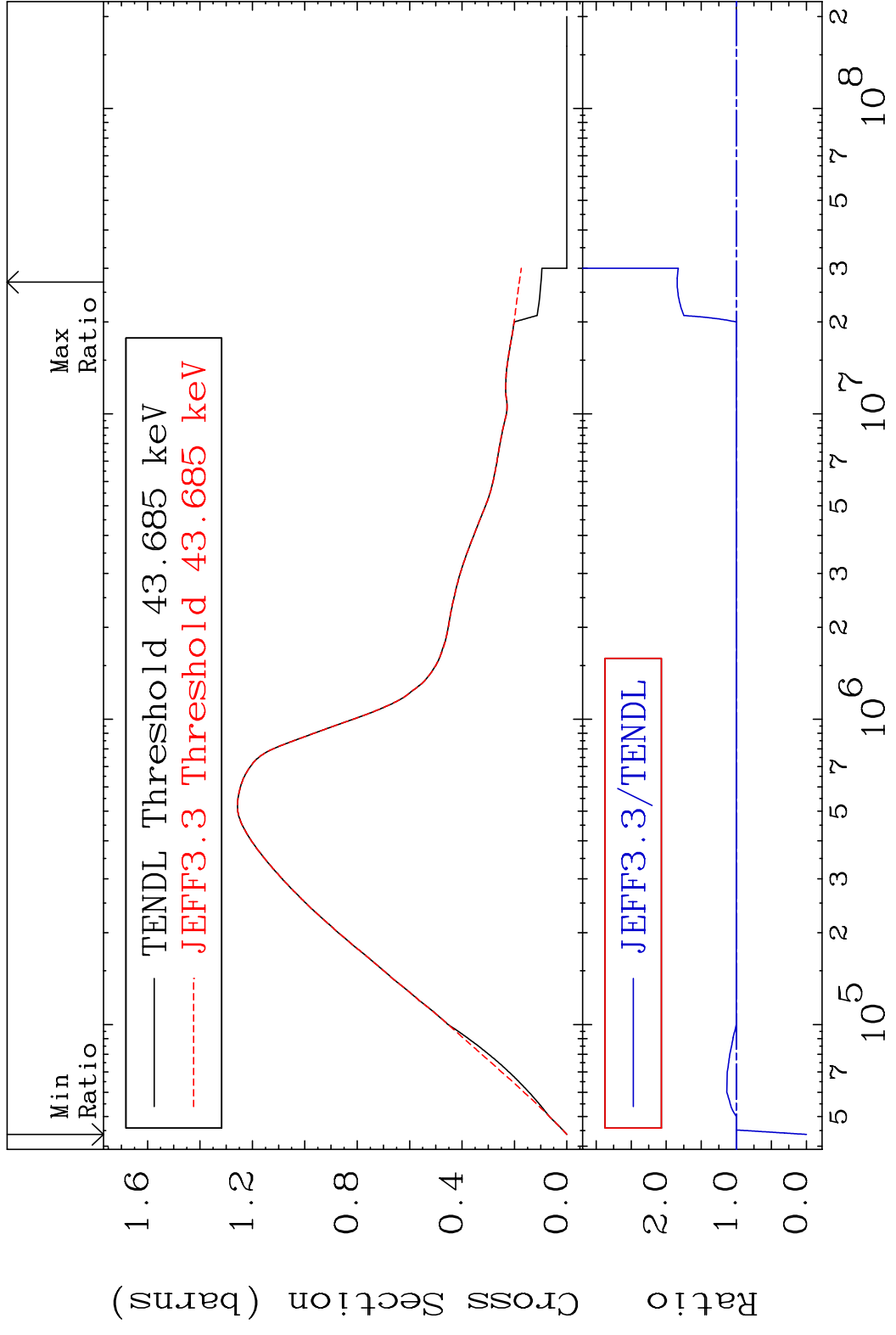
10

Incident Energy (eV)

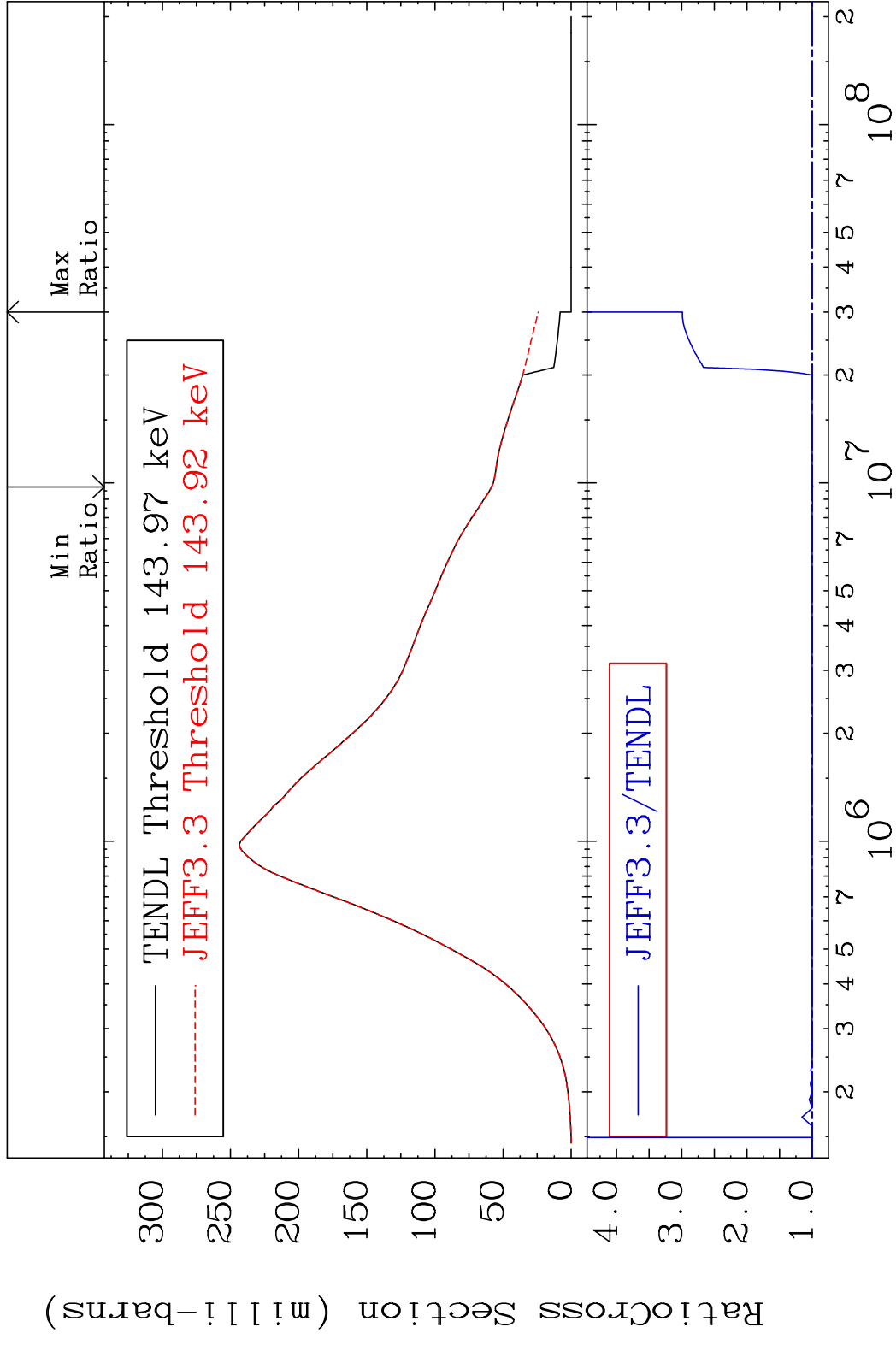
92-U -234



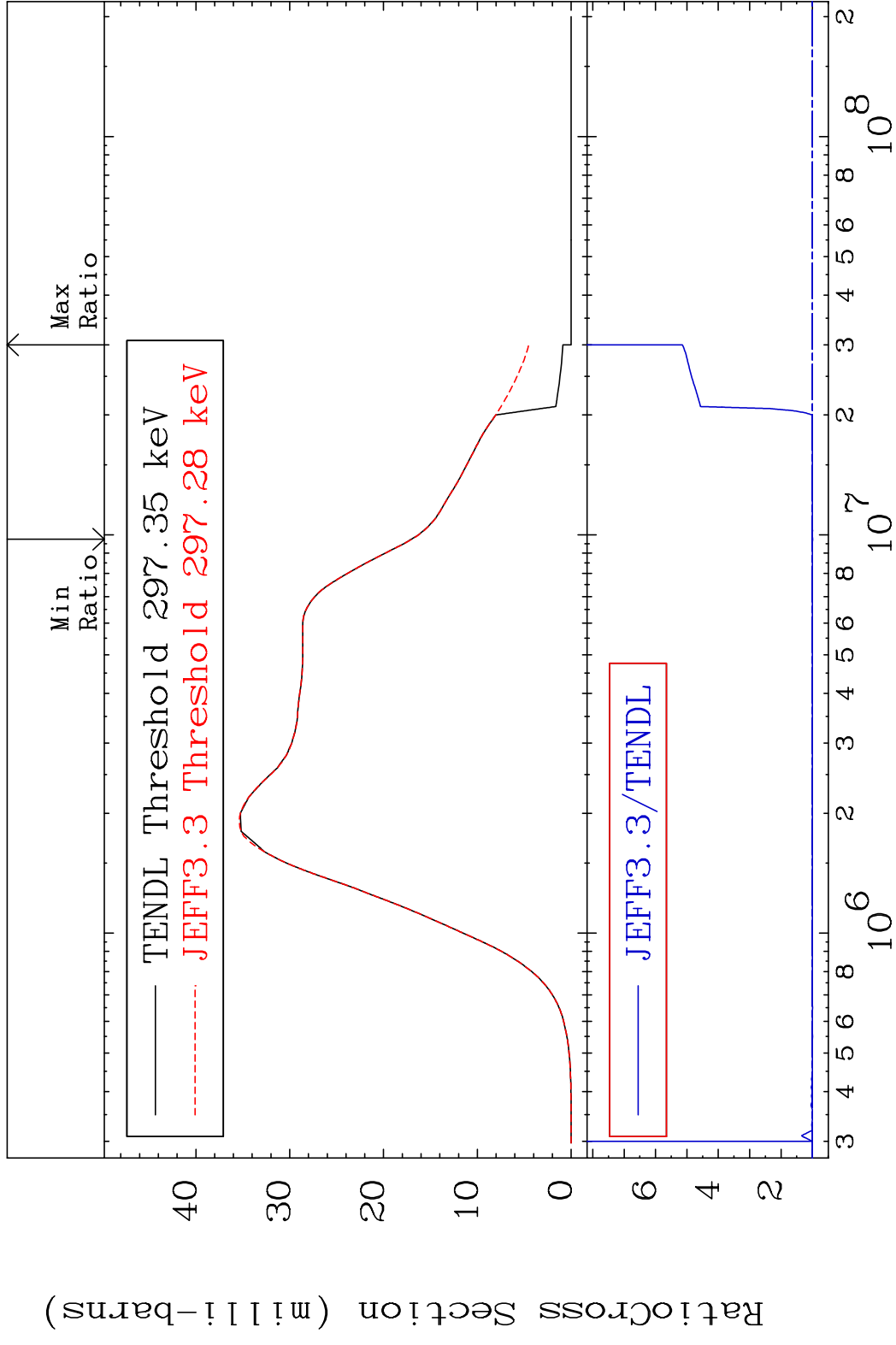
MAT 9225 MT= 51 (n, n') Level 92-U -234
 Cross Section -100.0 To 84.36 %



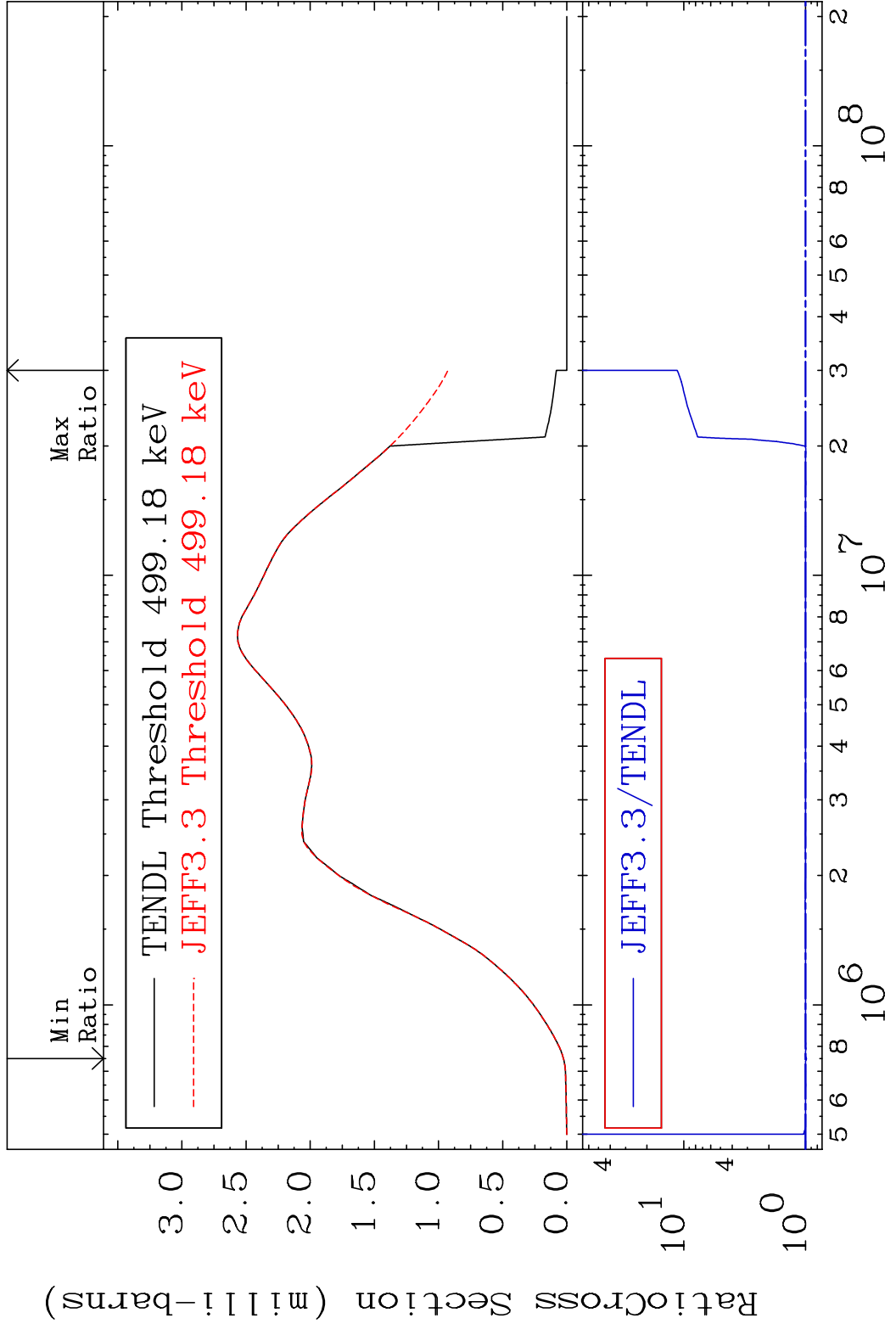
MAT 9225 MT= 52 (n, n') Level 92-U -234
 Cross Section -0.488 To 199.0 %



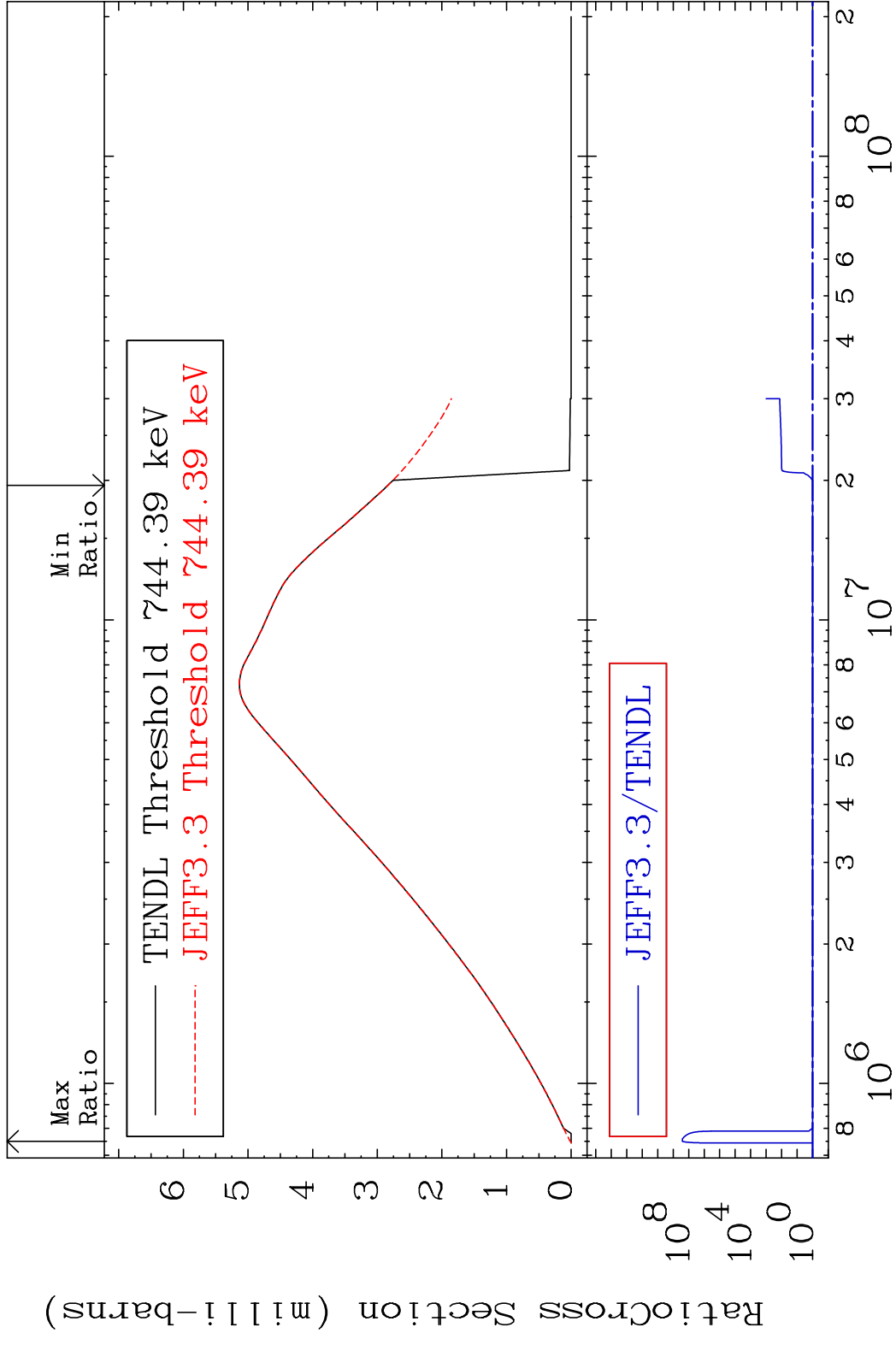
MAT 9225 MT= 53 (n, n') Level 92-U -234
 Cross Section -0.445 To 414.5 %



MAT 9225 MT= 54 (n, n') Level 92-U -234
 Cross Section -1.484 To 1031. %

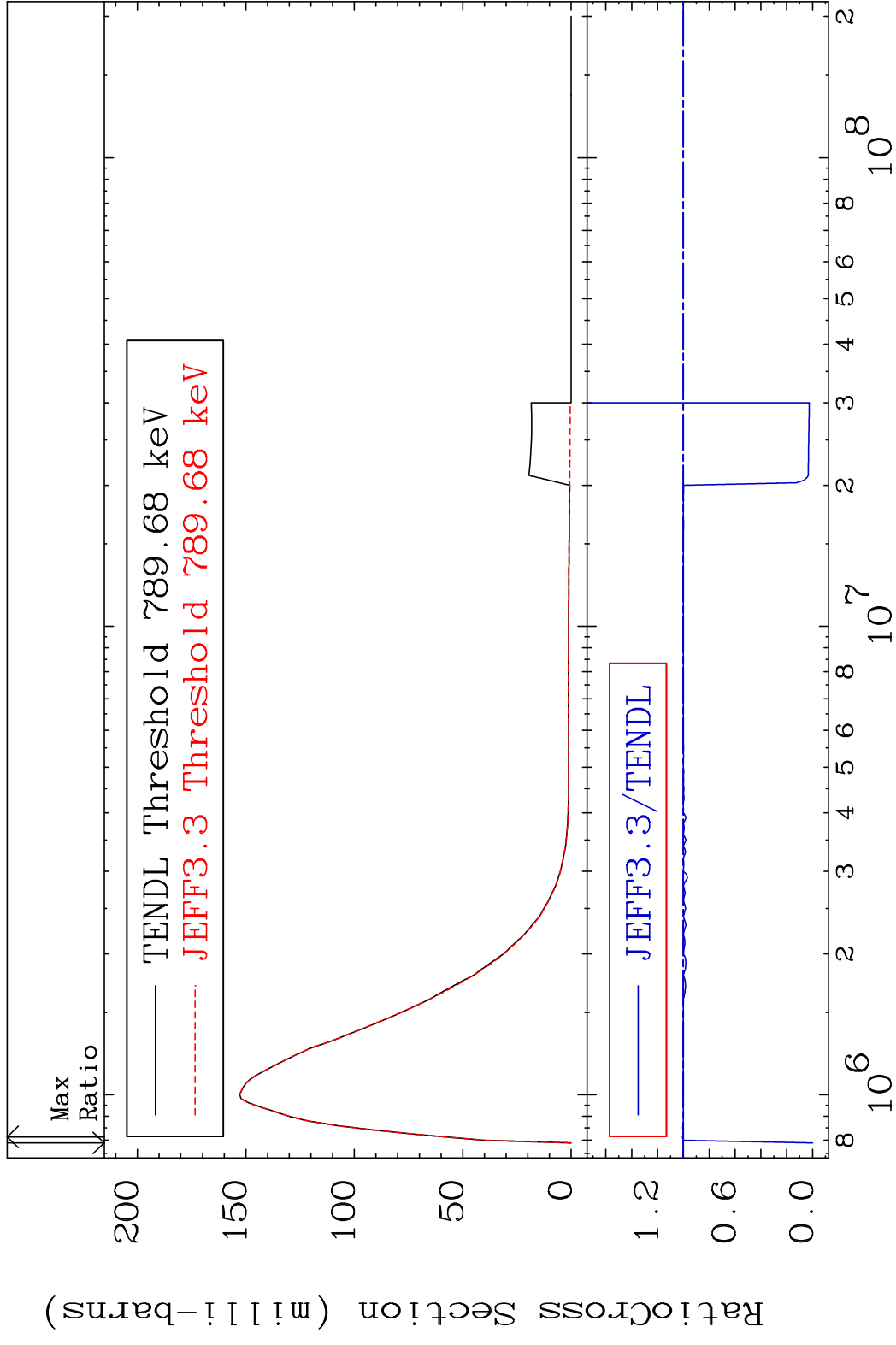


MAT 9225 MT= 55 (n, n') Level 92-U -234
 Cross Section -0.129 To 9999. %

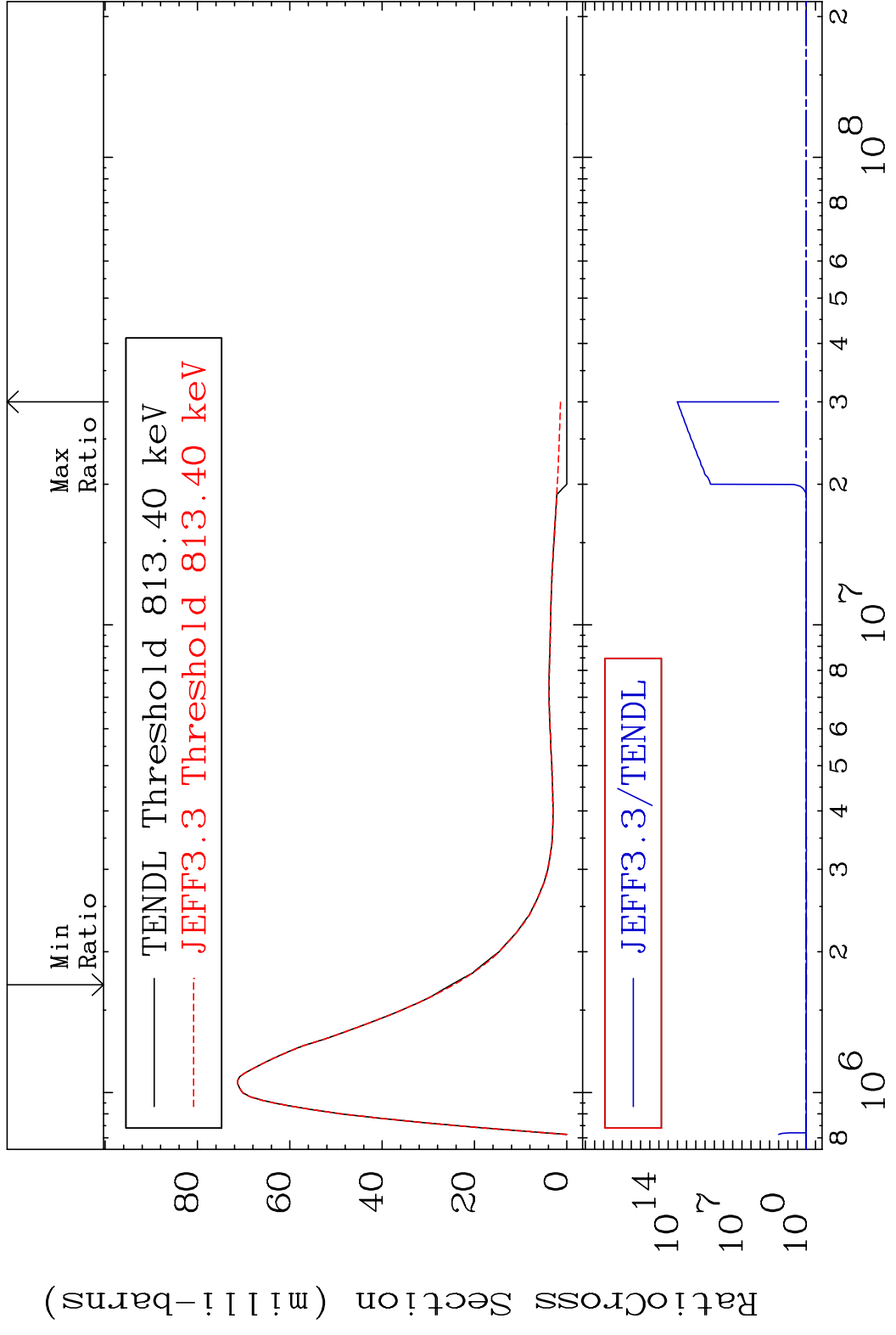


16 Incident Energy (eV) 92-U -234

MAT 9225 MT= 56 (n,n') Level 92-U -234
 Cross Section -100.0 To 0.775 %

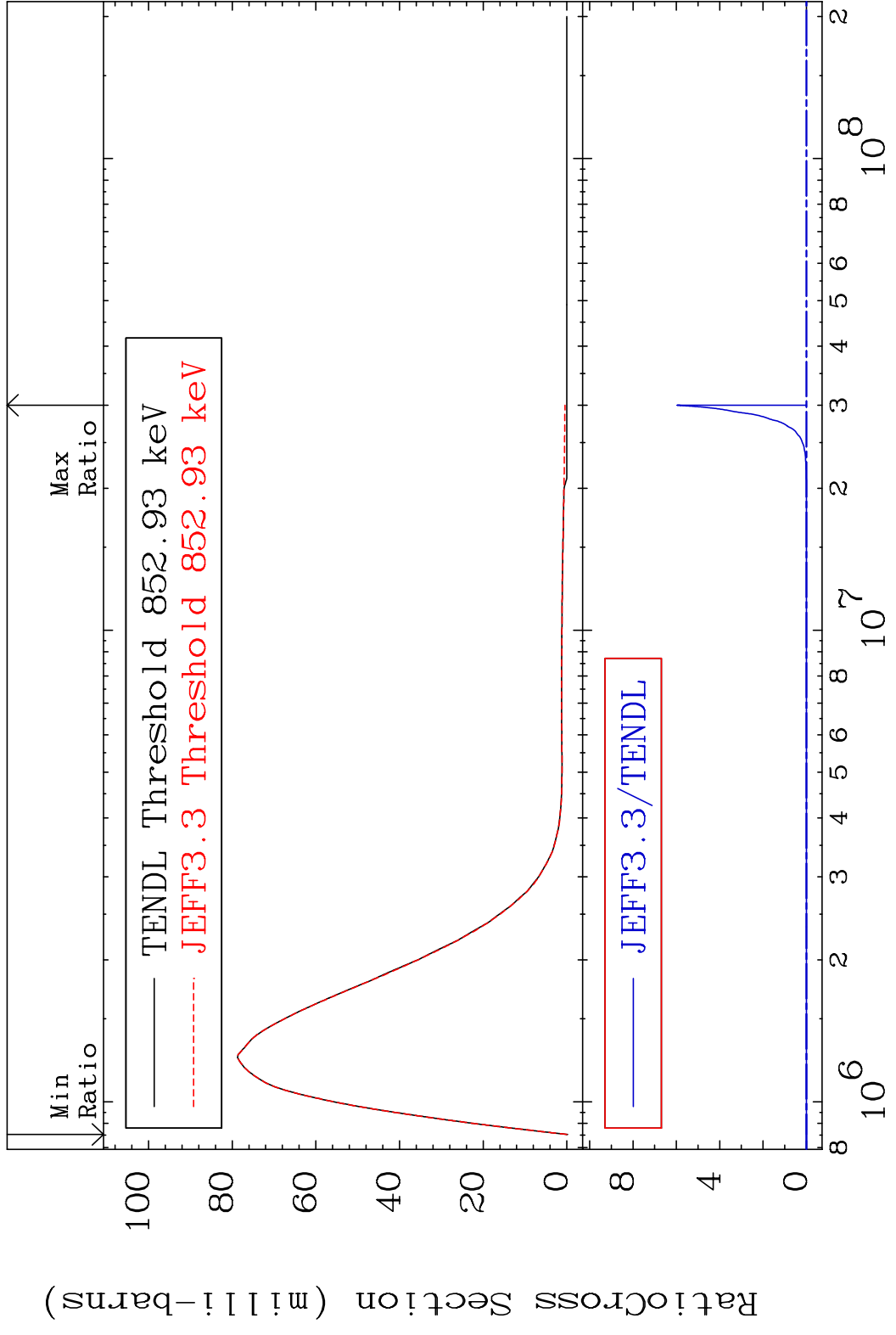


MAT 9225 MT= 57 (n,n') Level 92-U -234
 Cross Section -2.133 To 9999. %



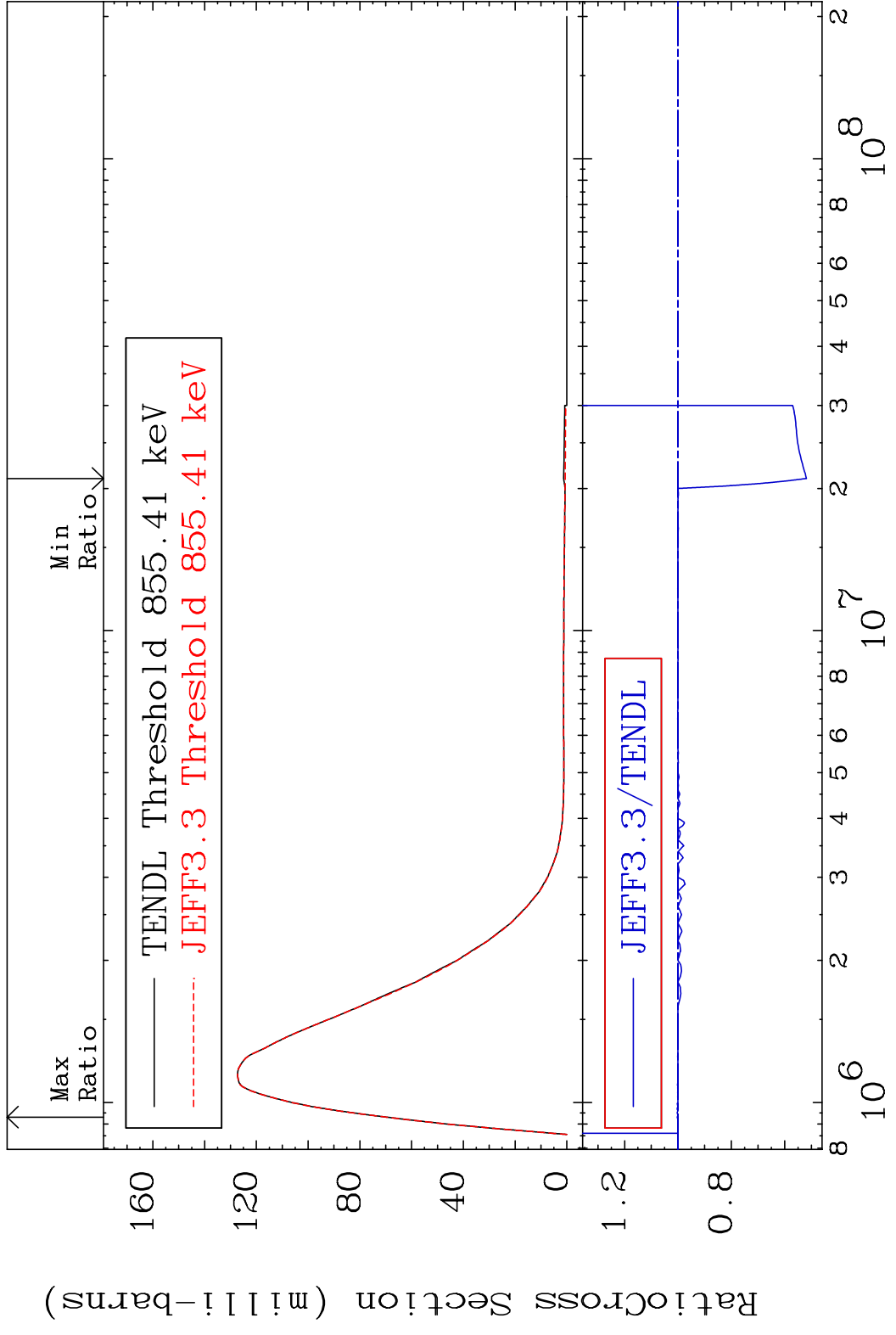
18 Incident Energy (eV) 92-U -234

MAT 9225 MT= 58 (n, n') Level 92-U -234
 Cross Section -100.0 To 9999. %



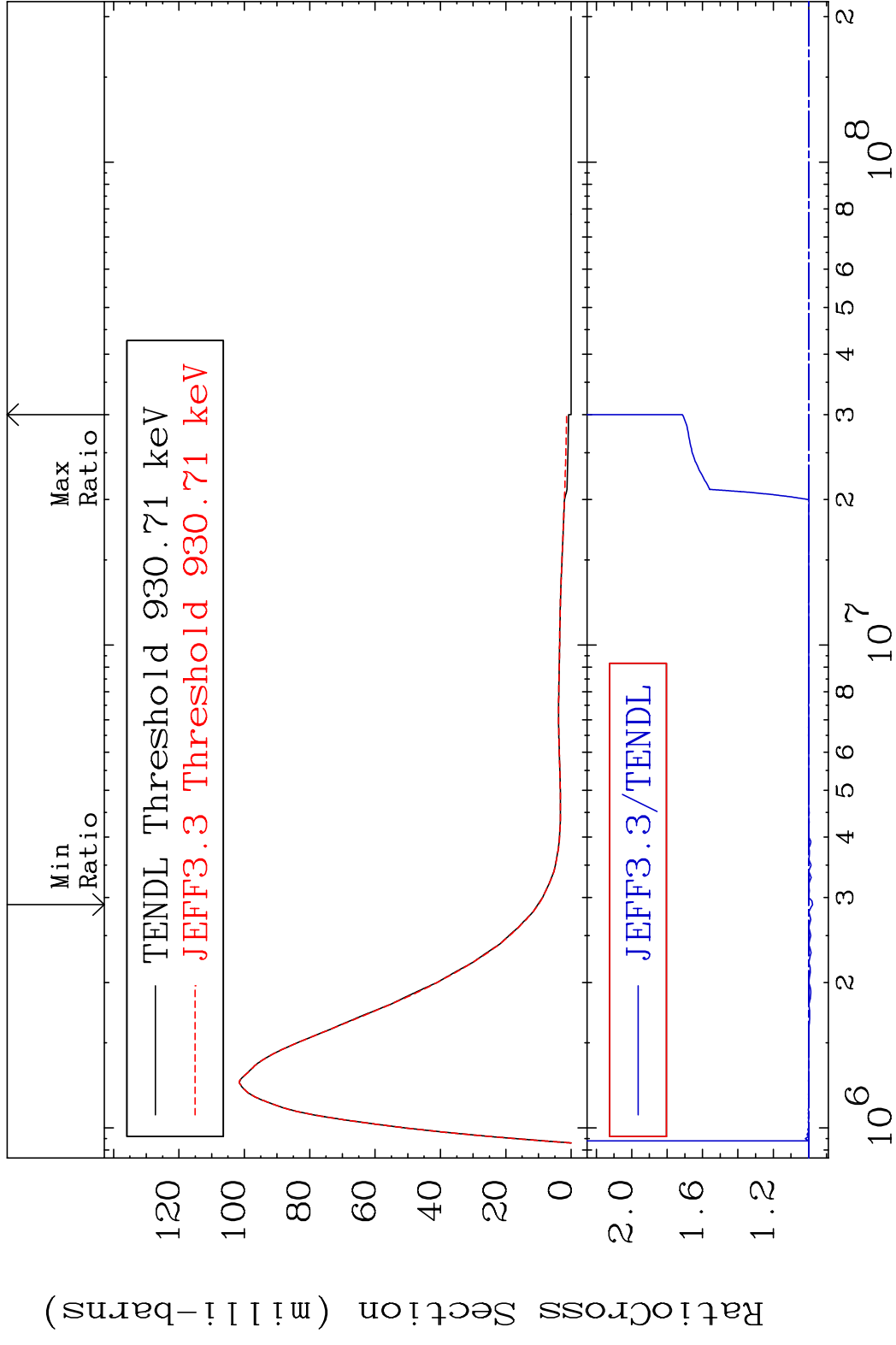
19 Incident Energy (eV) 92-U -234

MAT 9225 MT= 59 (n, n') Level 92-U -234
 Cross Section -48.14 To 0.292 %



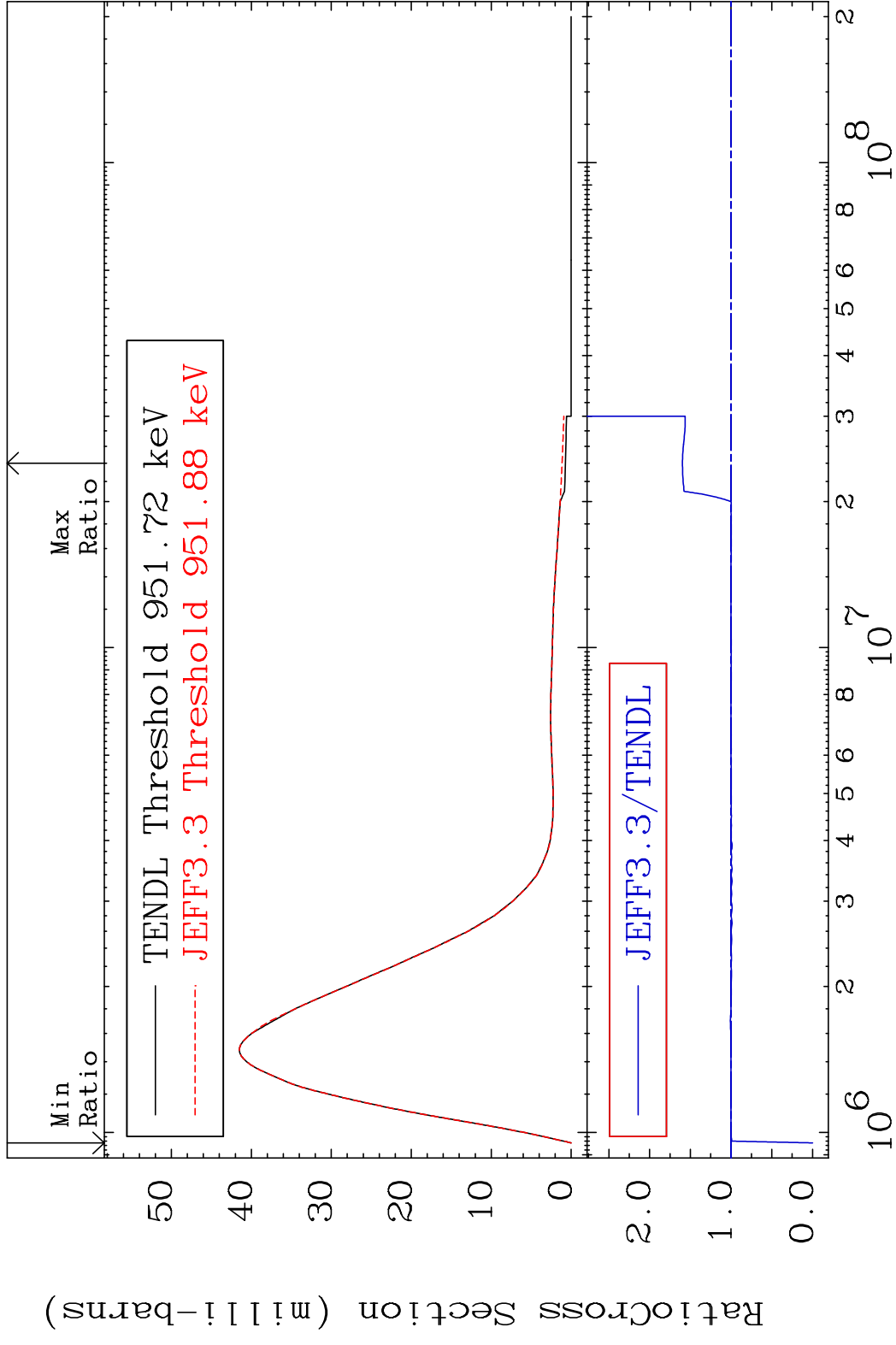
20 Incident Energy (eV) 92-U -234

MAT 9225 MT= 60 (n, n') Level 92-U -234
 Cross Section -2.168 To 71.39 %



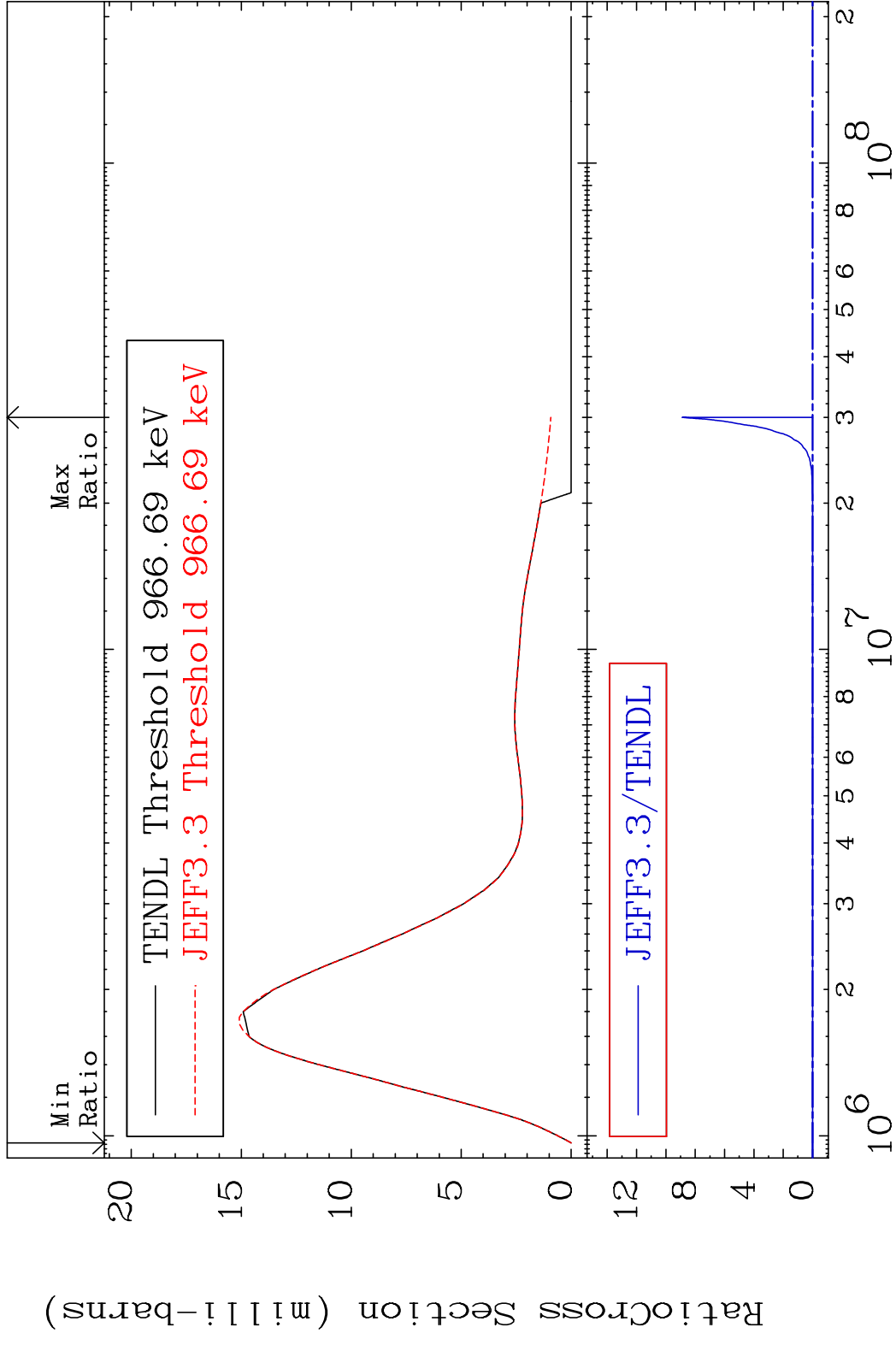
21 Incident Energy (eV) 92-U -234

MAT 9225 MT= 61 (n, n') Level 92-U -234
 Cross Section -100.0 To 59.80 %



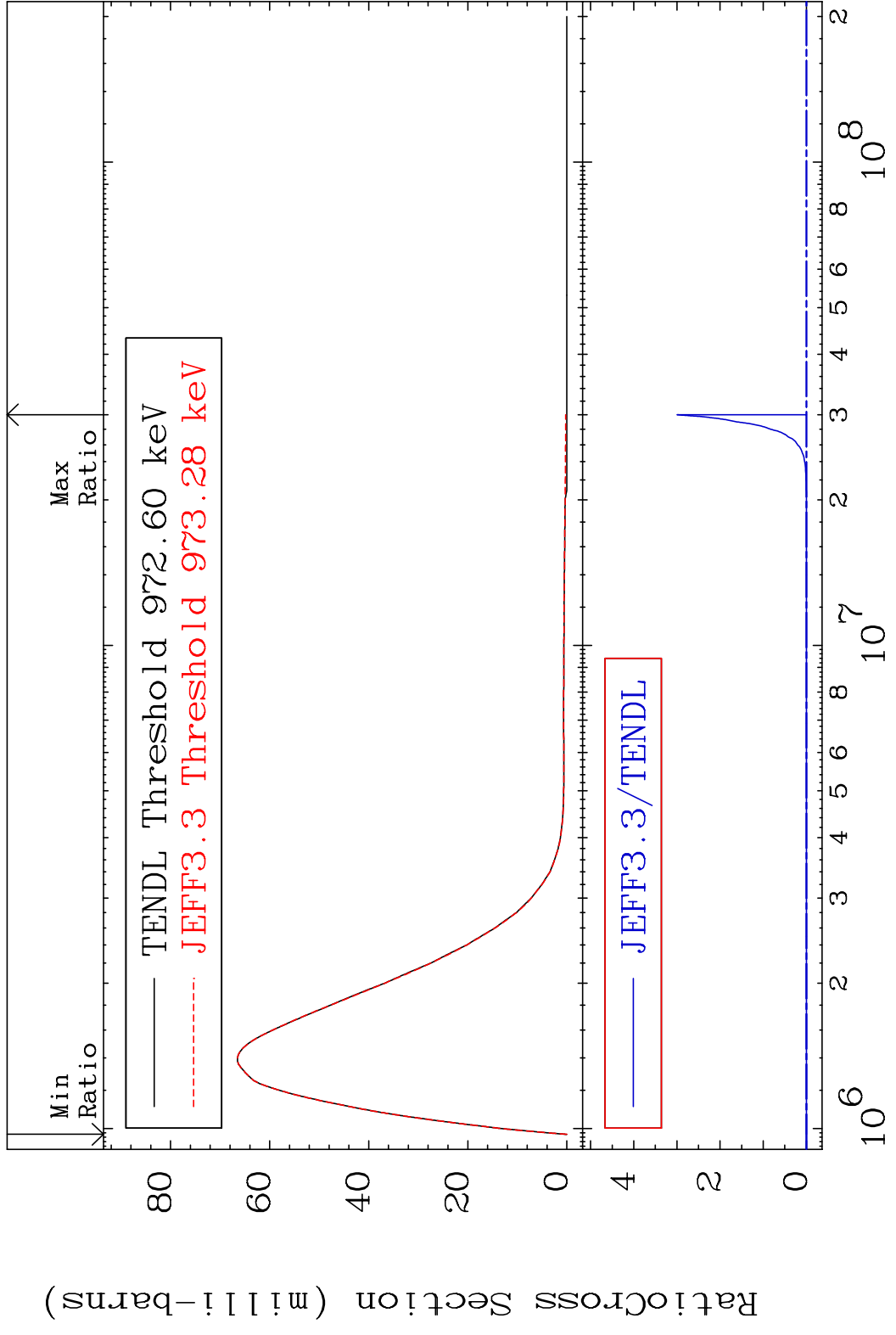
22 Incident Energy (eV) 92-U -234

MAT 9225 MT= 62 (n, n') Level 92-U -234
 Cross Section -100.0 To 9999. %



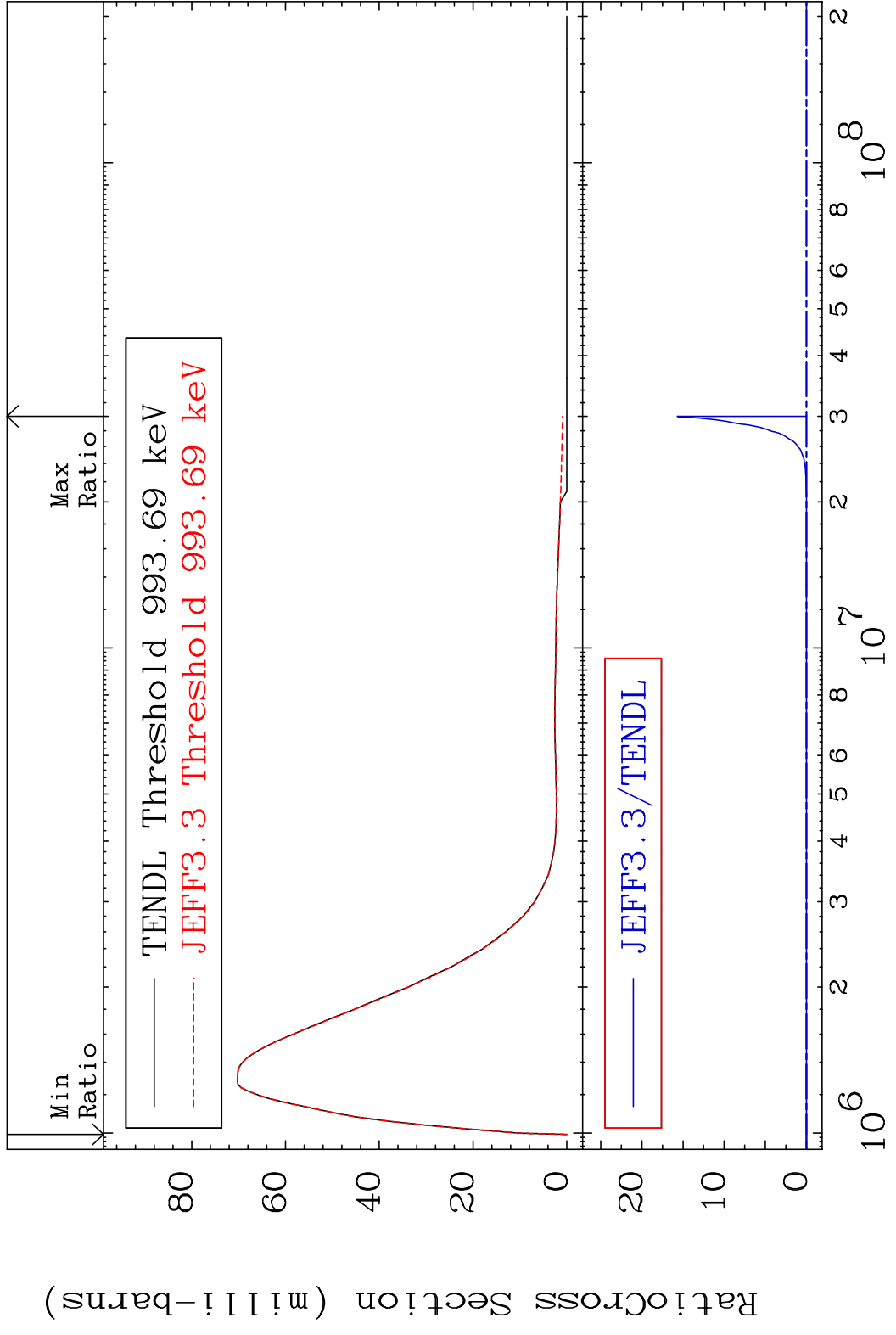
23 Incident Energy (eV) 92-U -234

MAT 9225 MT= 63 (n, n') Level 92-U -234
 Cross Section -100.0 To 9999. %



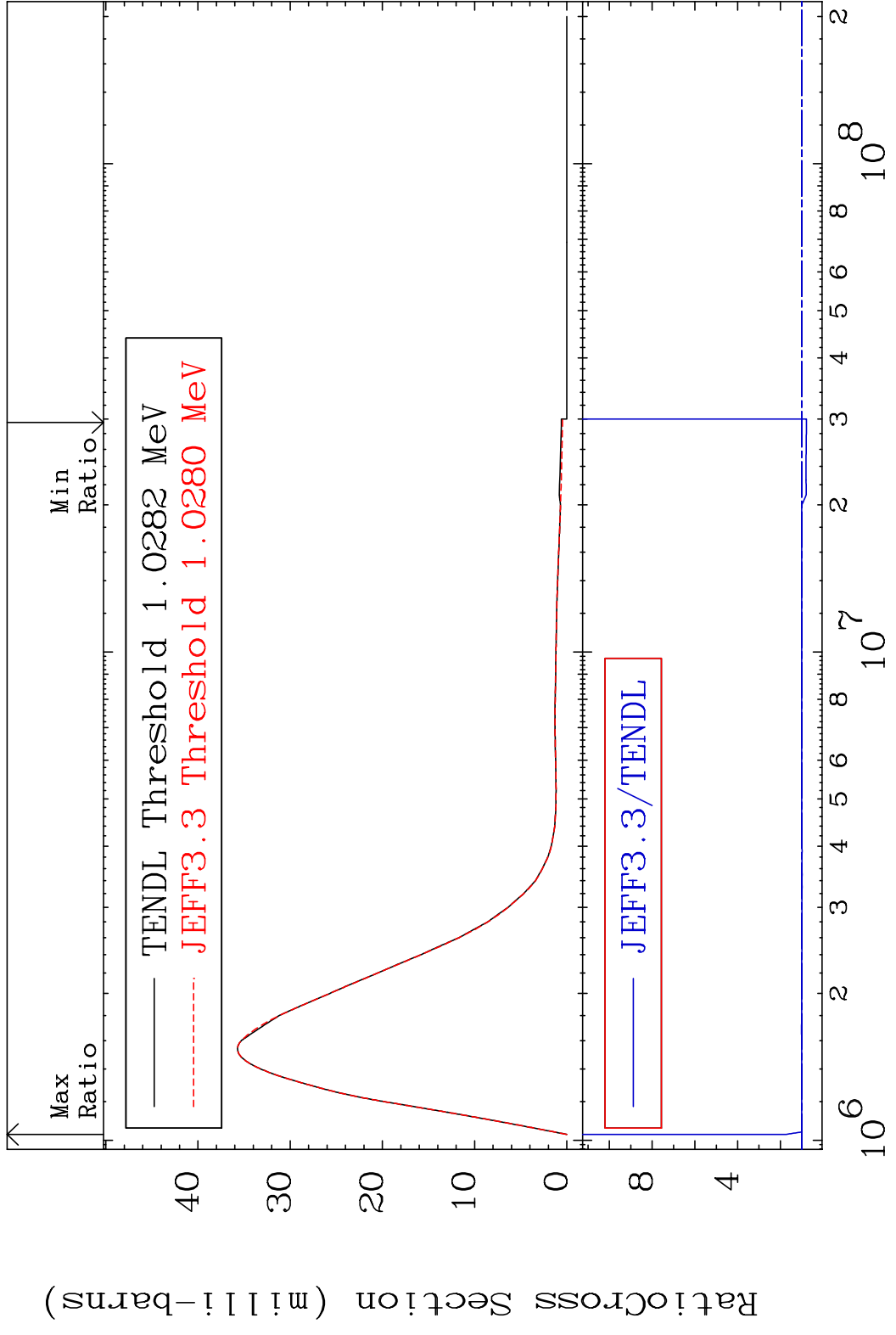
24 Incident Energy (eV) 92-U -234

MAT 9225 MT= 64 (n, n') Level 92-U -234
 Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 92-U -234

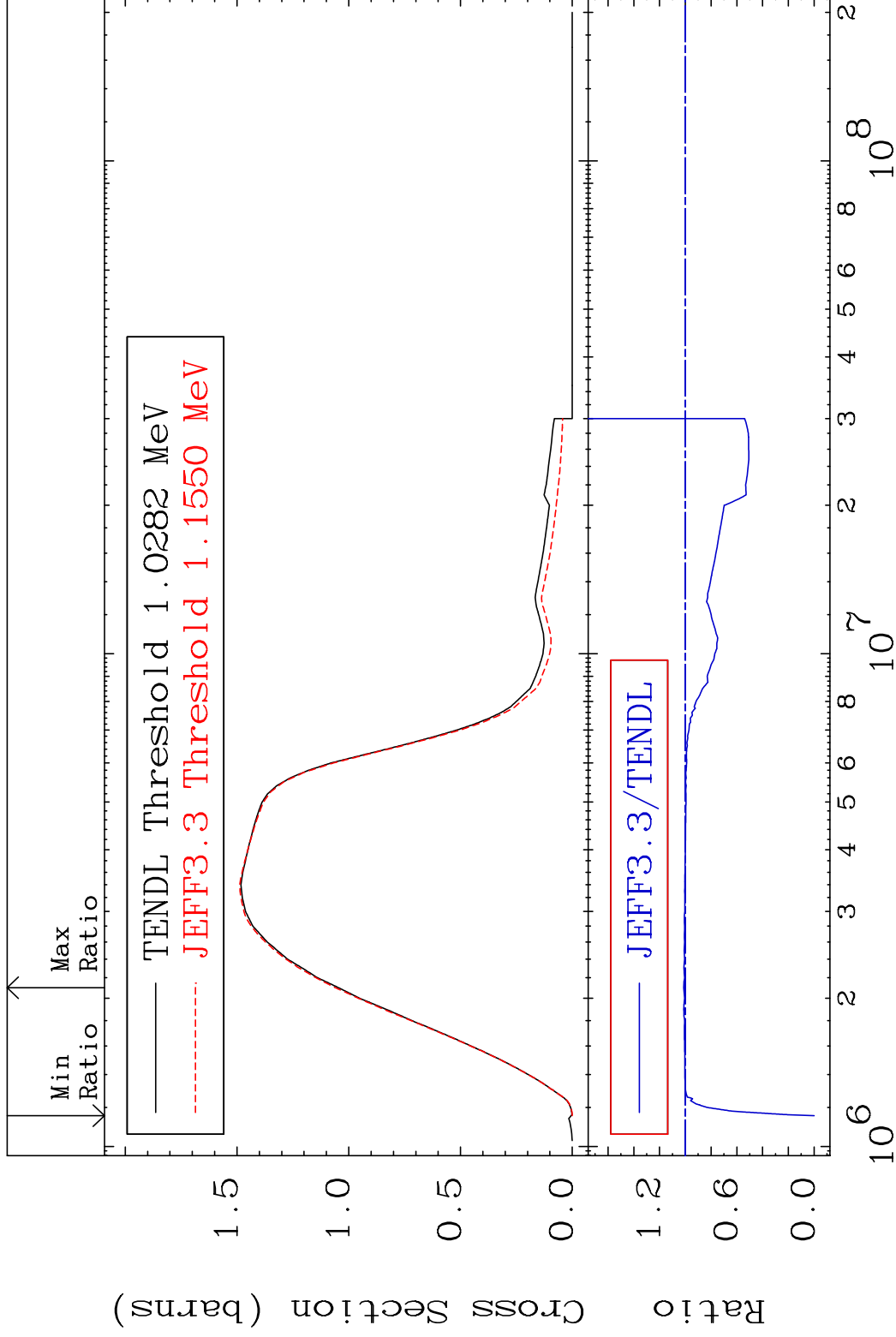
MAT 9225 MT= 65 (n,n') Level 92-U -234
 Cross Section -21.82 To 582.9 %



26 Incident Energy (eV) 92-U -234

MAT 9225

(n, n') Continuum 92-U -234
Cross Section -100.0 To 1.282 %

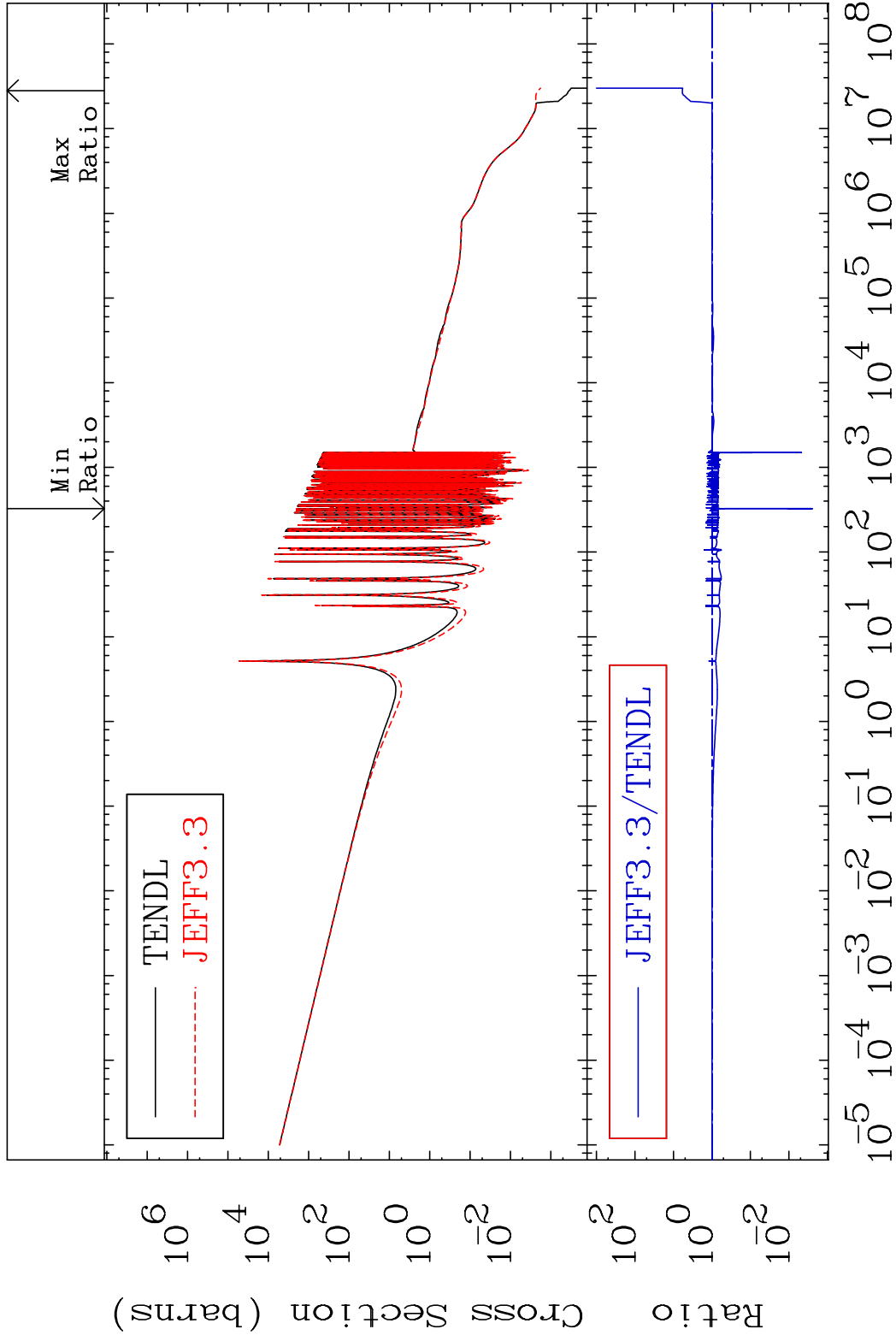


MAT 9225

(n, γ)

92-U -234

Cross Section -99.76 To 487.4 %

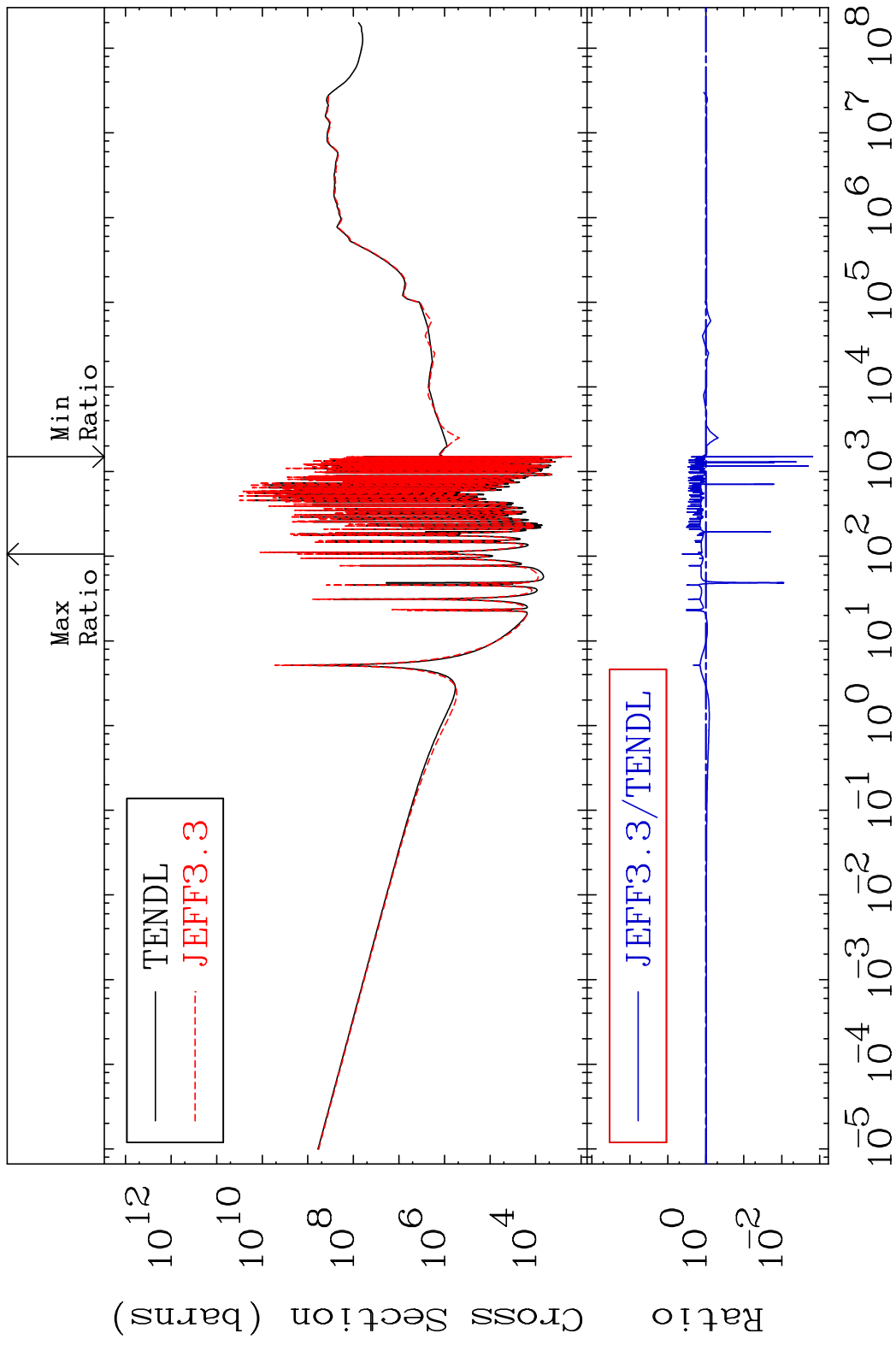


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Incident Energy (eV)

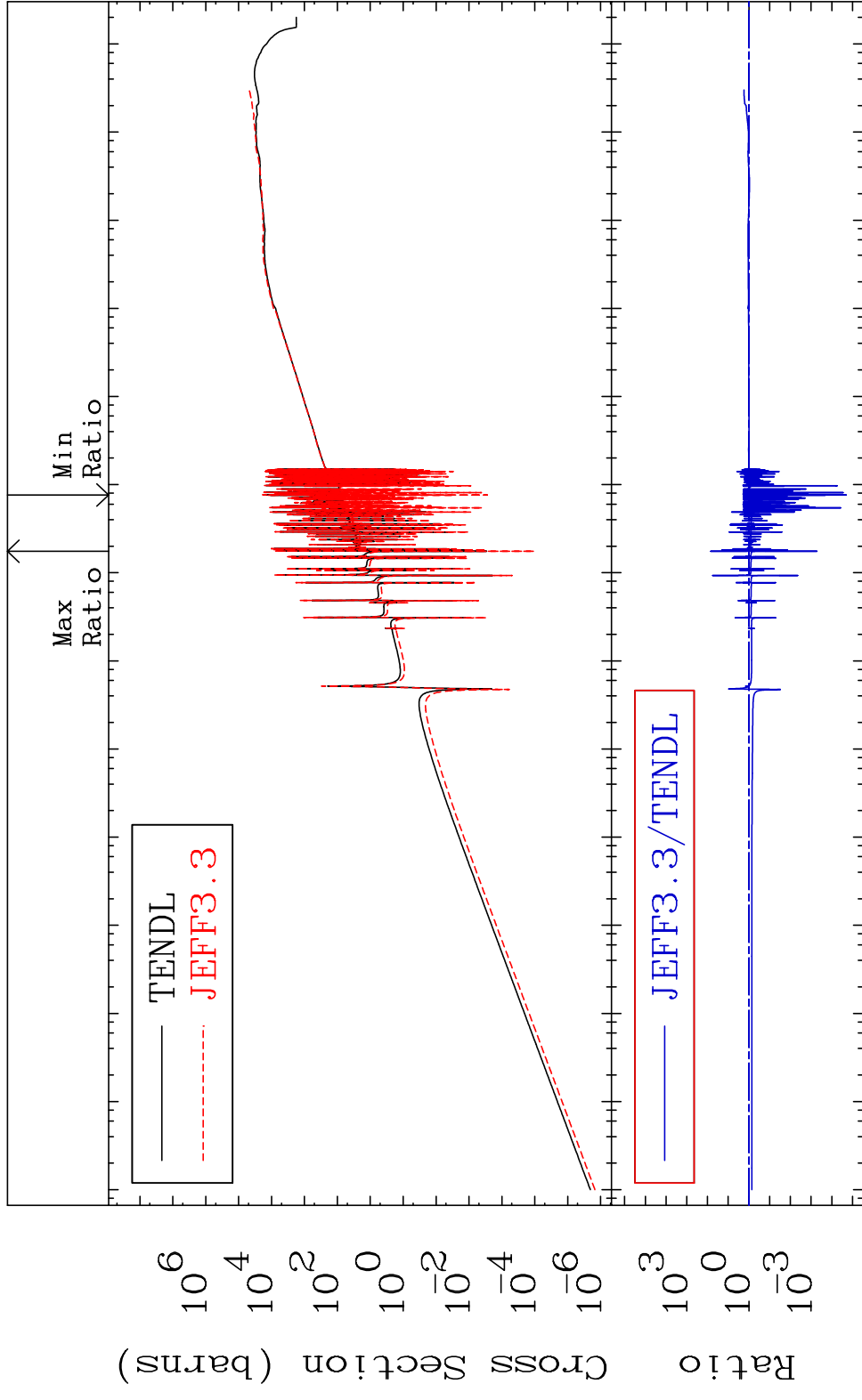
92-U -234

MAT 9225 Kerma total (eV-barns) 92-U -234
 Cross Section -99.85 To 315.0 %



MAT 9225

Kerma elastic
Cross Section -100.0 To 6877. %
92-U -234

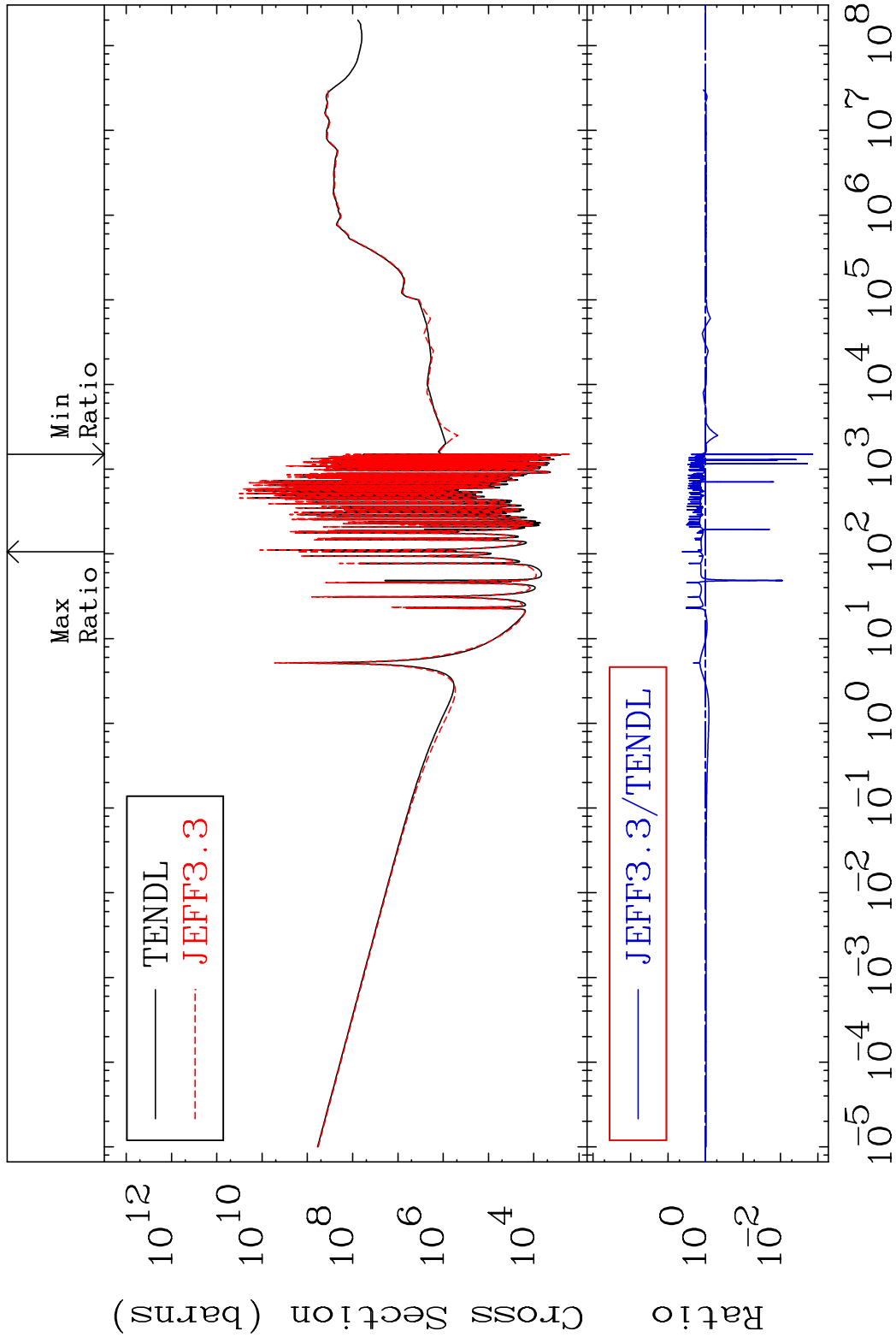


30

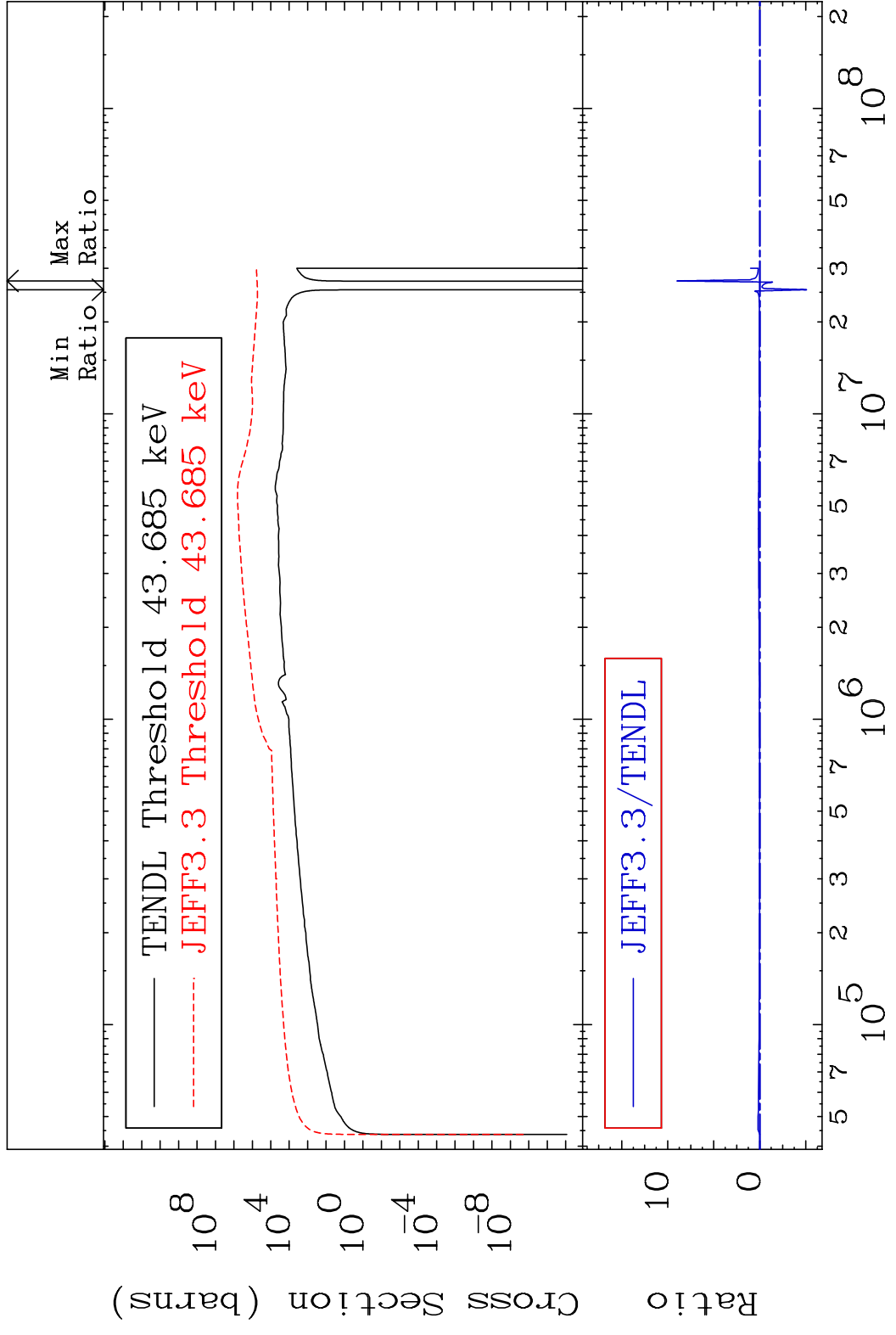
Incident Energy (eV)

92-U -234

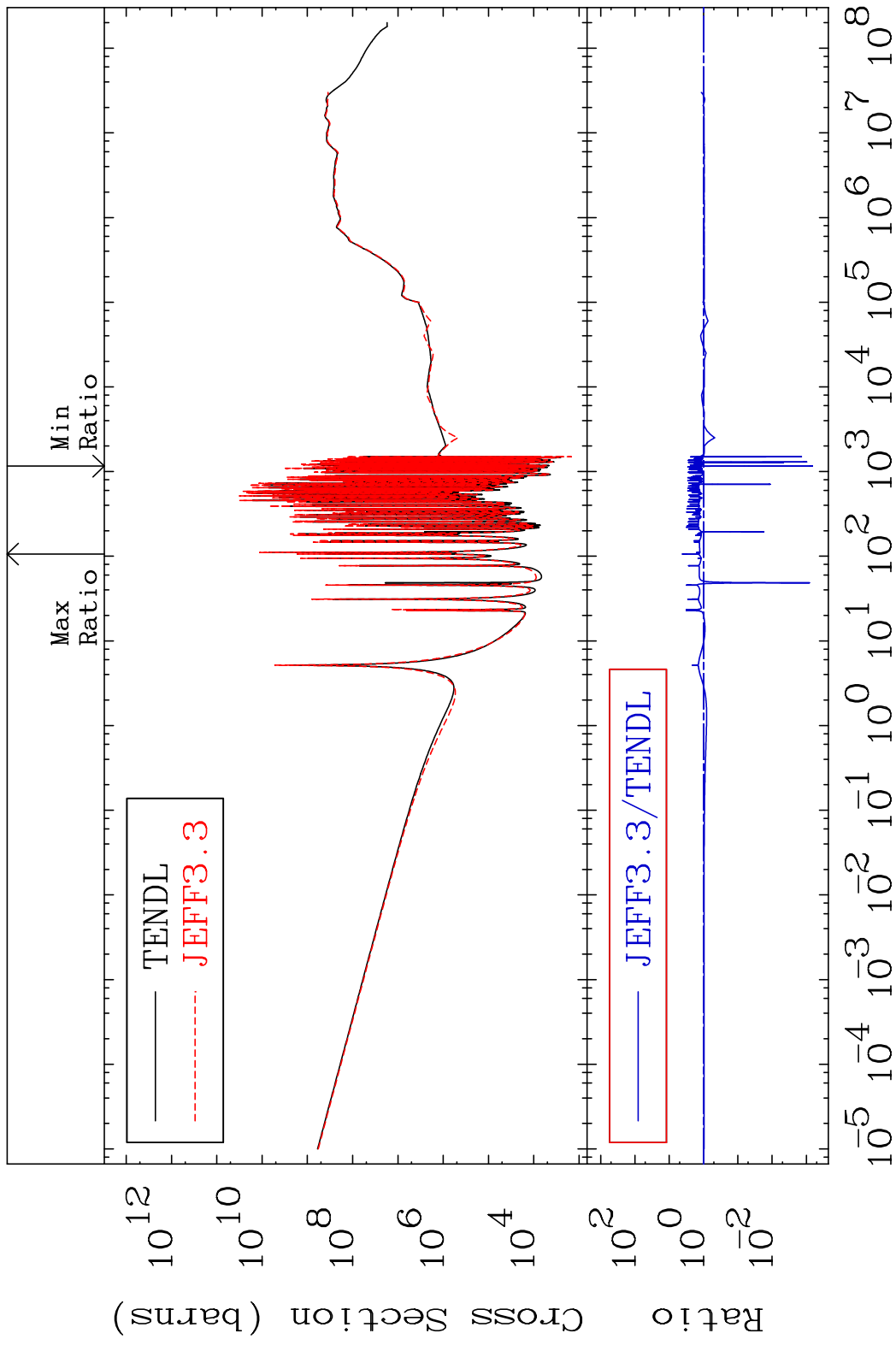
MAT 9225 Kerma non-elastic (all but mt2) 92-U -234
 Cross Section -99.86 To 315.0 %



MAT 9225 Kerma inelastic (mt51-91) 92-U -234
 Cross Section -9999. To 9999. %

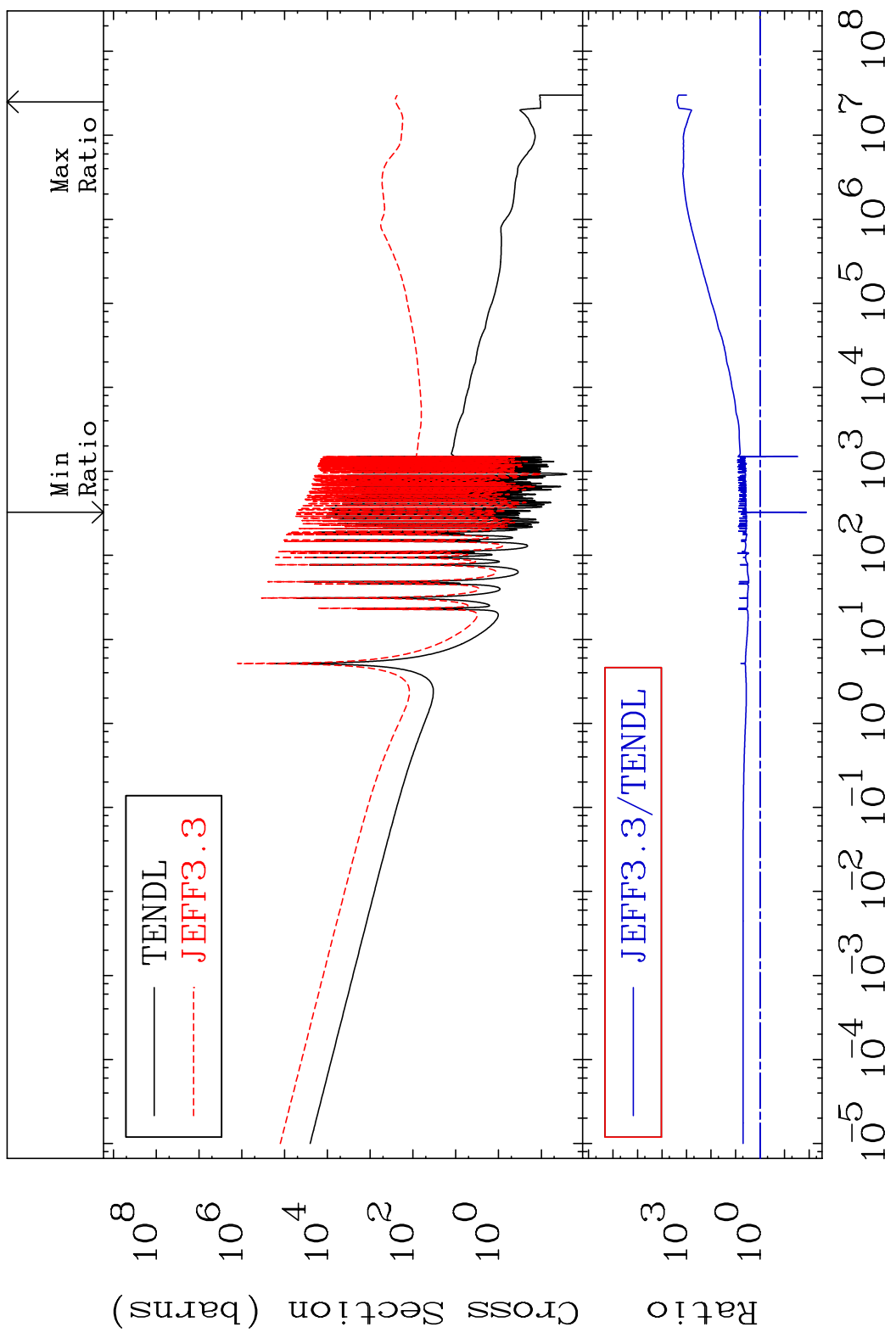


MAT 9225 Kerma fission (mt18 or mt19-20-21-38)2-U -234
 Cross Section -99.93 To 315.0 %



MAT 9225

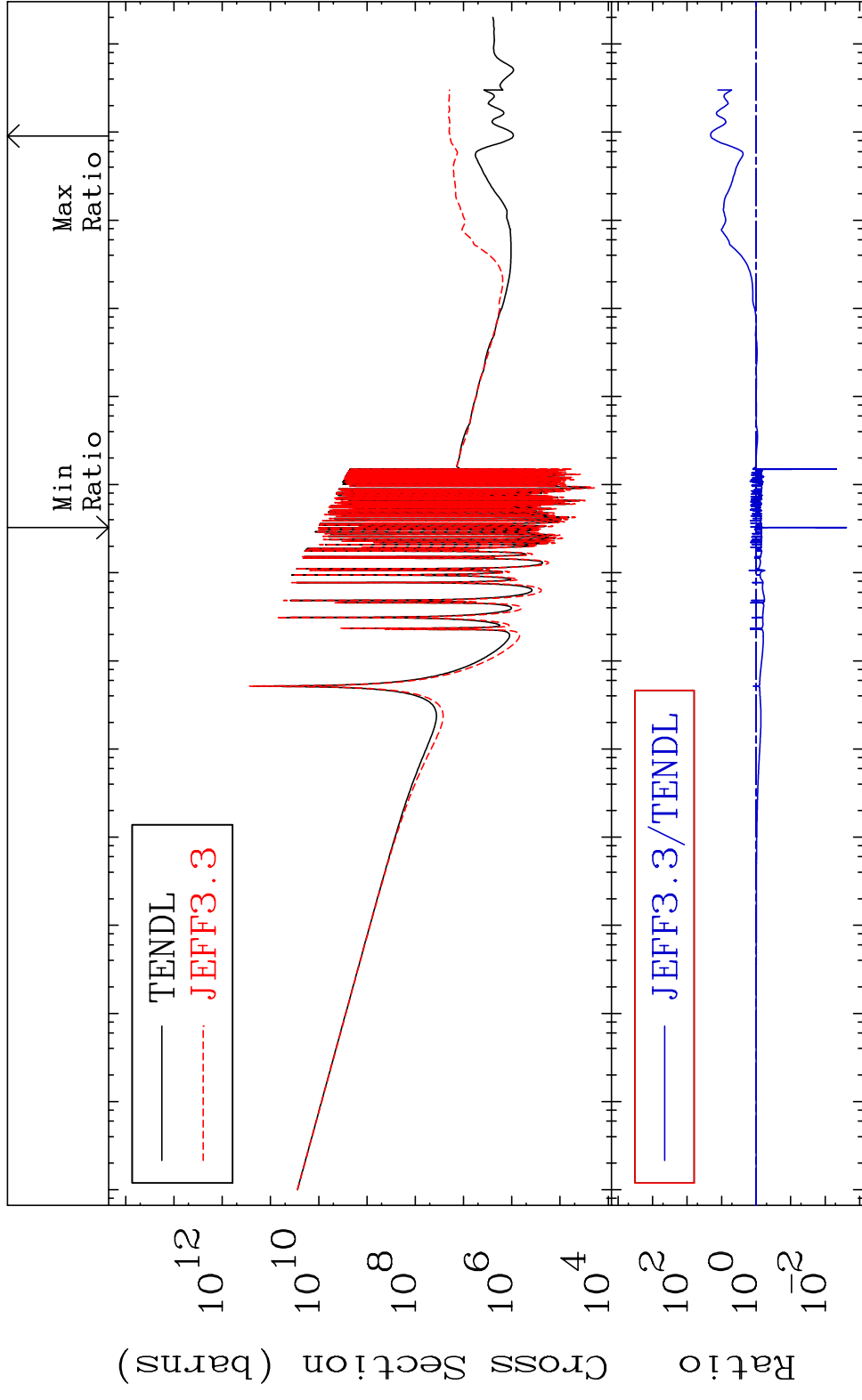
Kerma capture (mt102) 92-U -234
Cross Section -98.71 To 9999. %



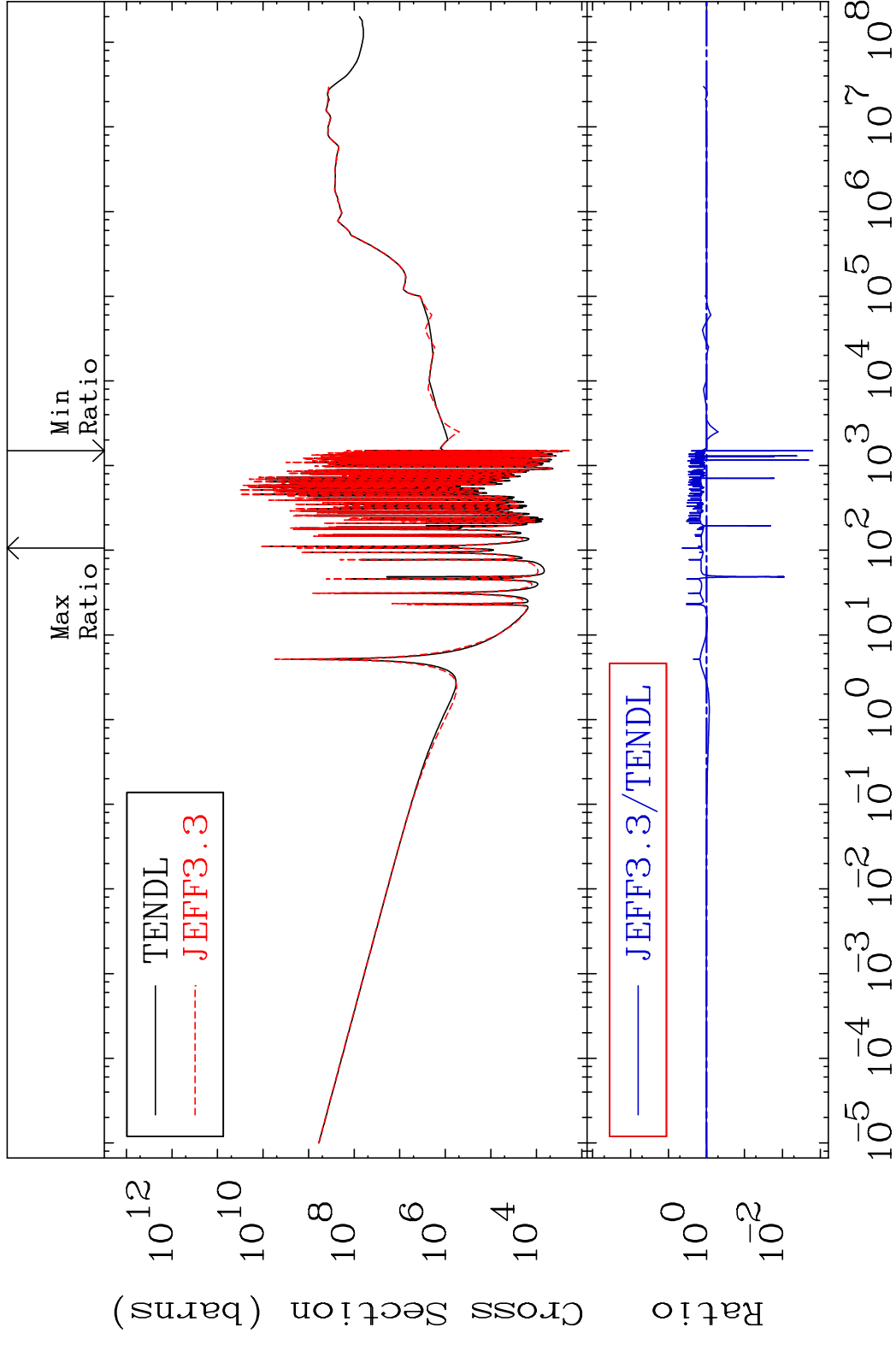
34

Incident Energy (eV) 92-U -234

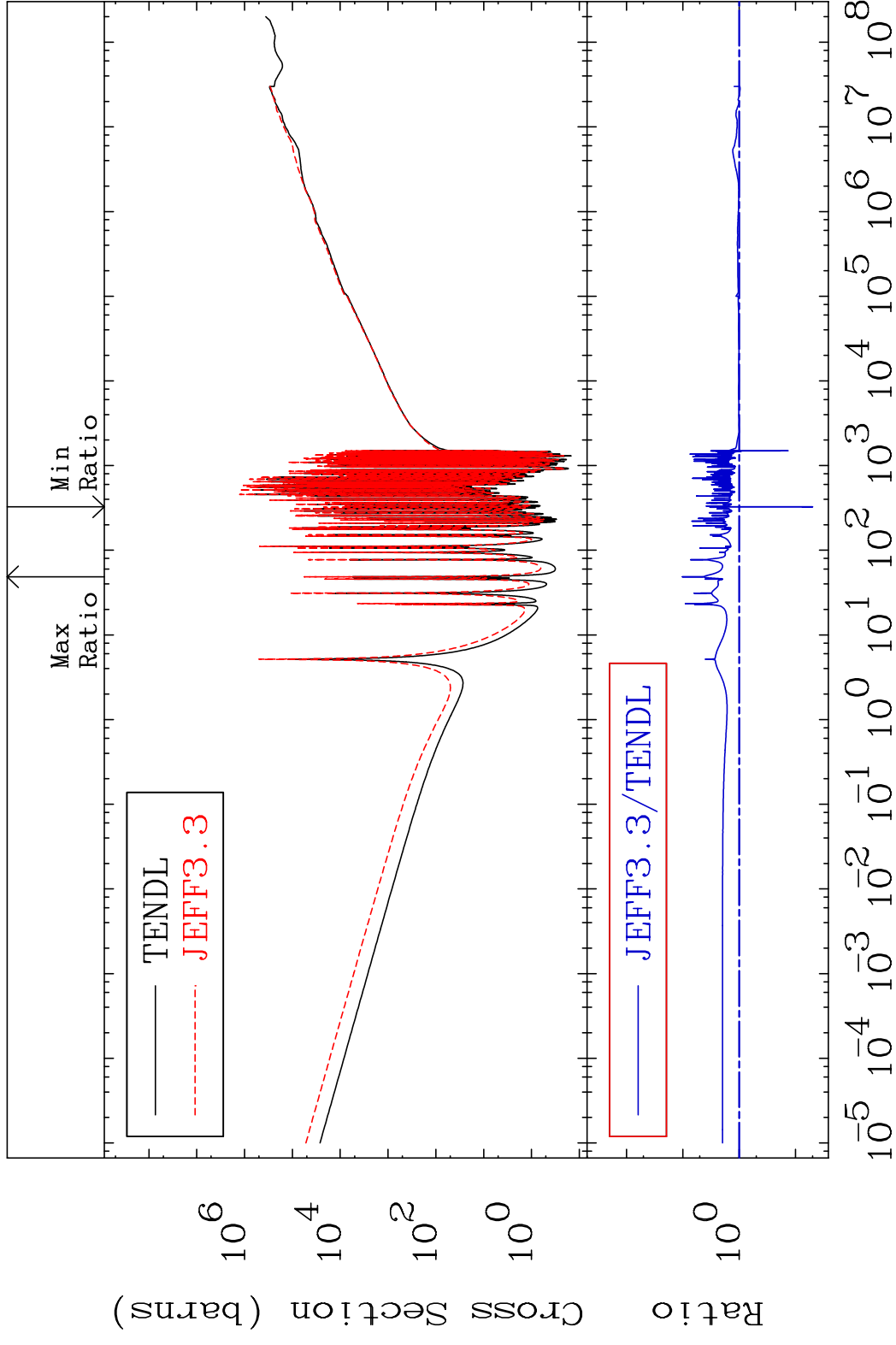
MAT 9225 Total photon (eV-barns) 92-U -234
 Cross Section -99.76 To 1966. %



MAT 9225 Total kinematic kerma (high limit) 92-U -234
 Cross Section -99.84 To 333.0 %



MAT 9225 Dpa total (eV-barns) 92-U -234
 Cross Section -95.00 To 920.2 %

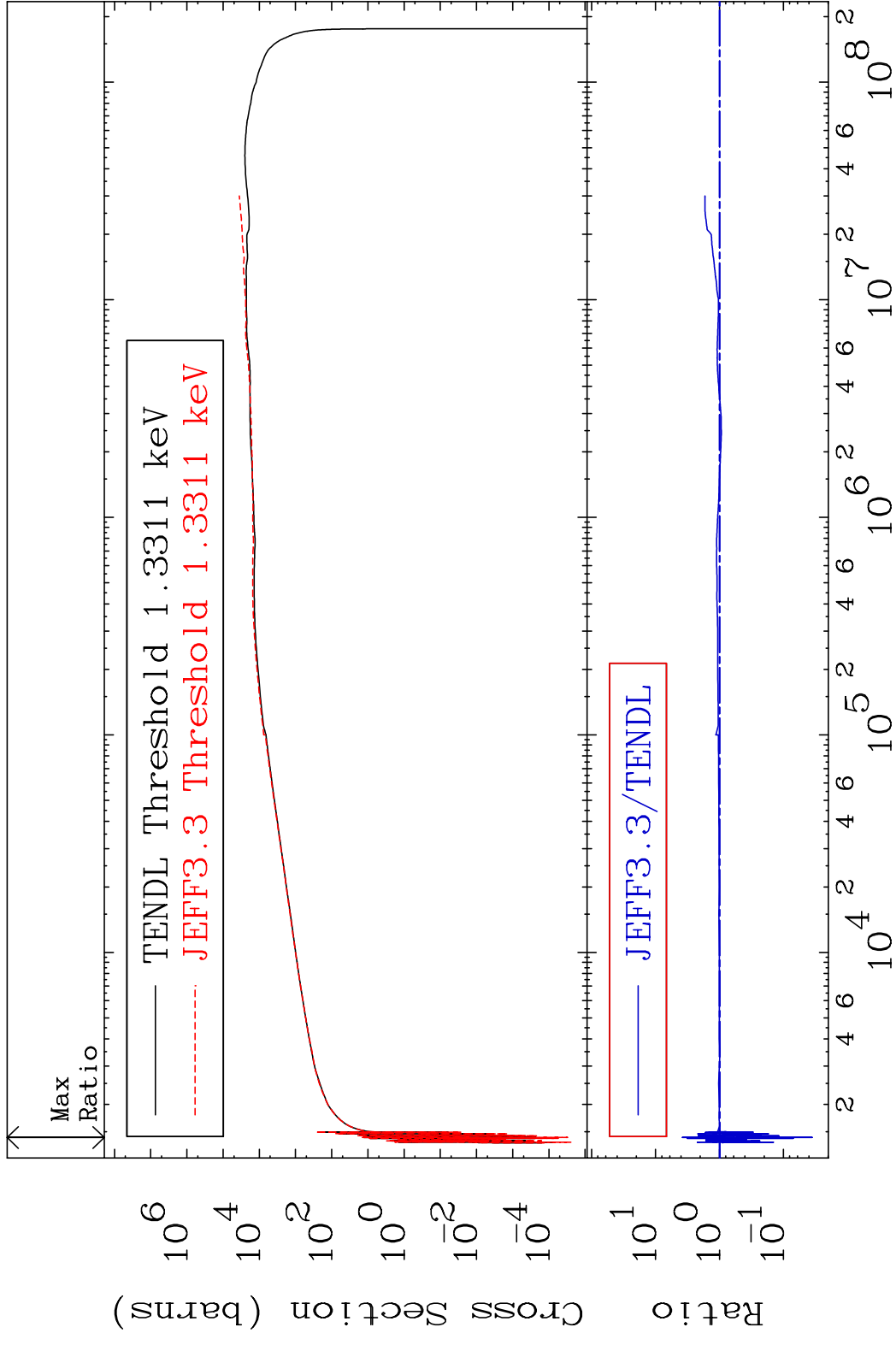


MAT 9225

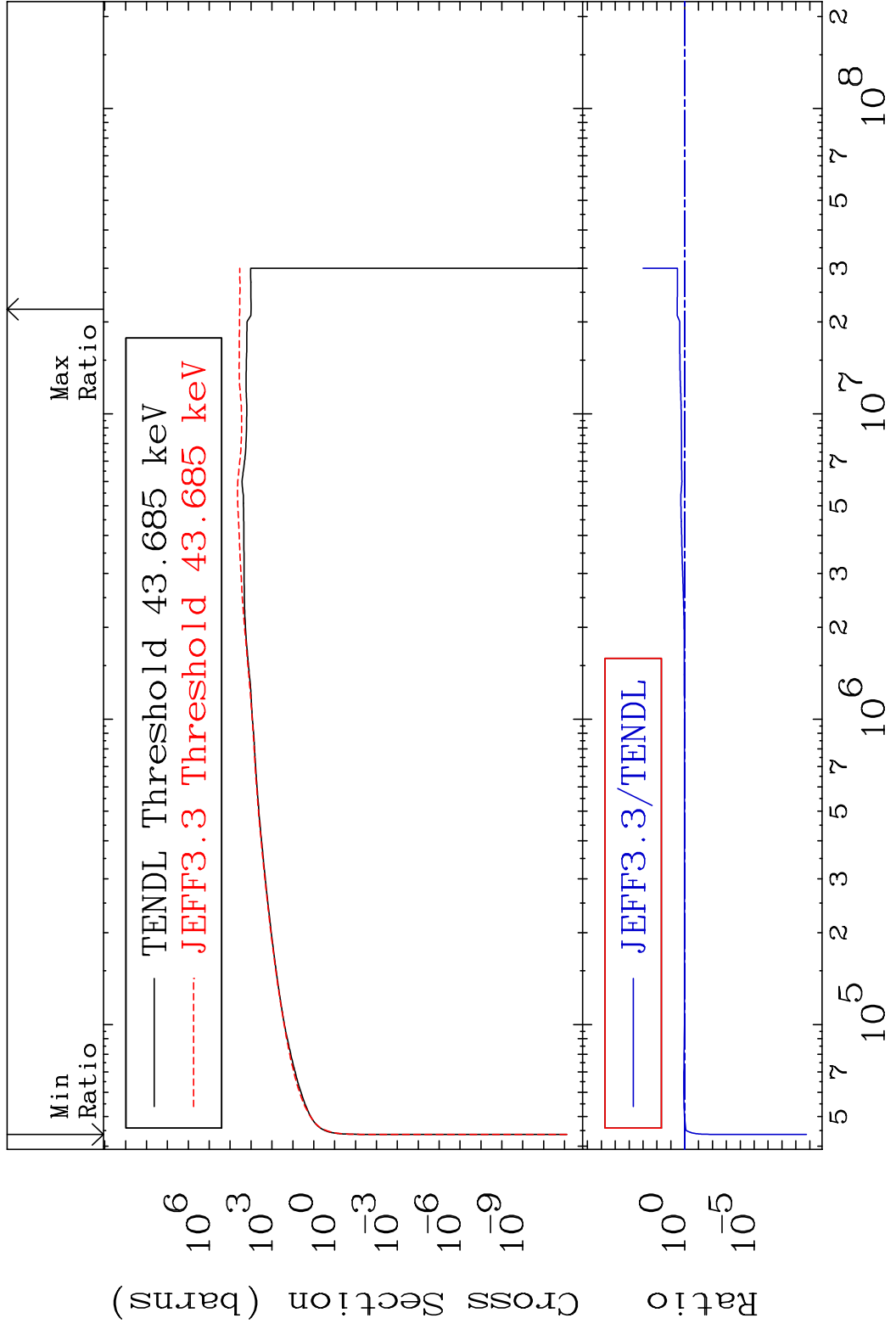
Dpa elastic (mt2)

92-U -234

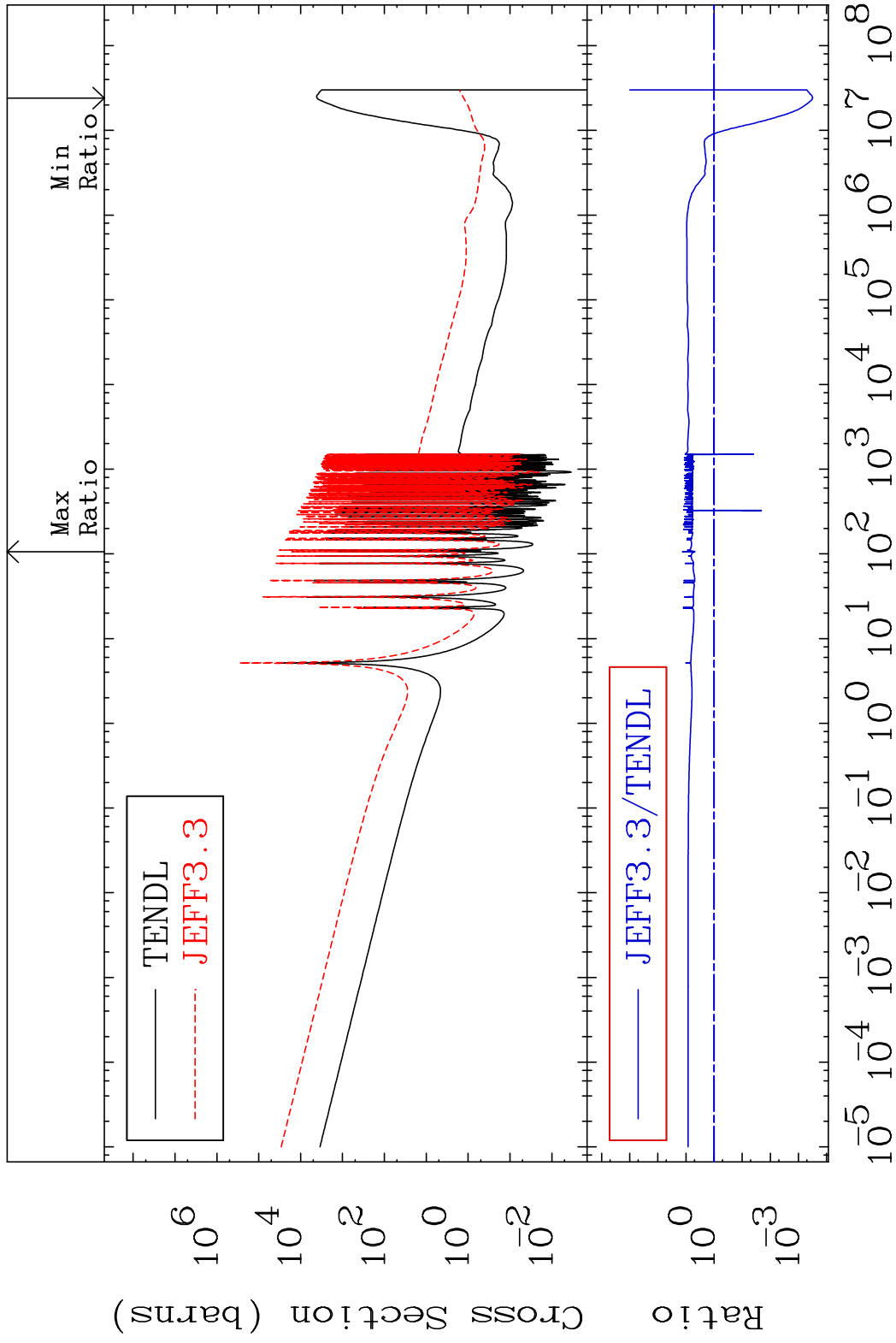
Cross Section -96.50 To 281.0 %



MAT 9225 Dpa inelastic (mt51-91) 92-U -234
 Cross Section -100.0 To 247.6 %



MAT 9225 Dpa disappearance (mt102 -120) 92-U -234
 Cross Section -99.97 To 1243. %



40 Incident Energy (eV) 92-U -234