

Program Complot
(Version 2021-1)

by

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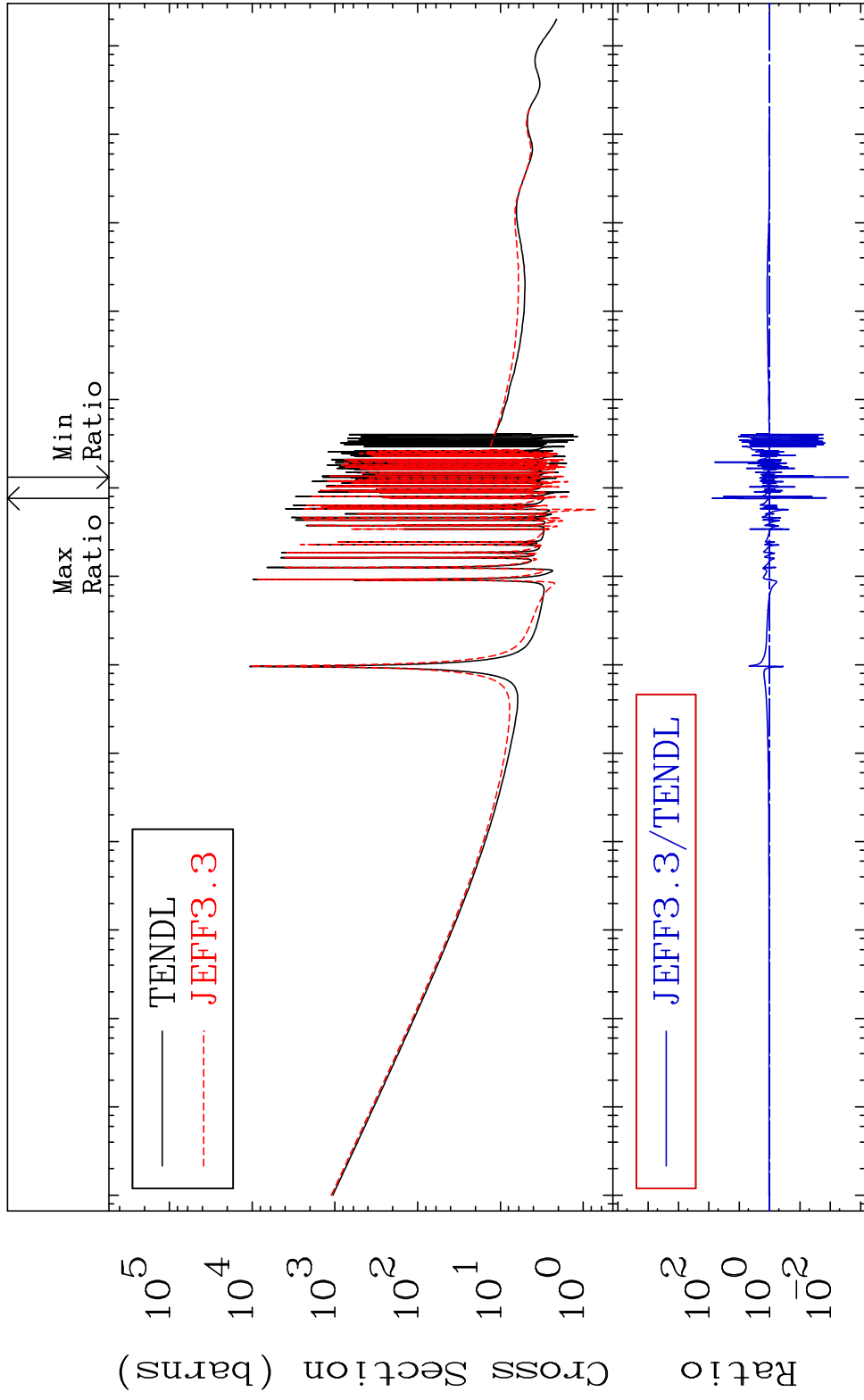
Press Mouse Button to Start

MAT 5440

Total

54-Xe-129

Cross Section -99.74 To 7579. %



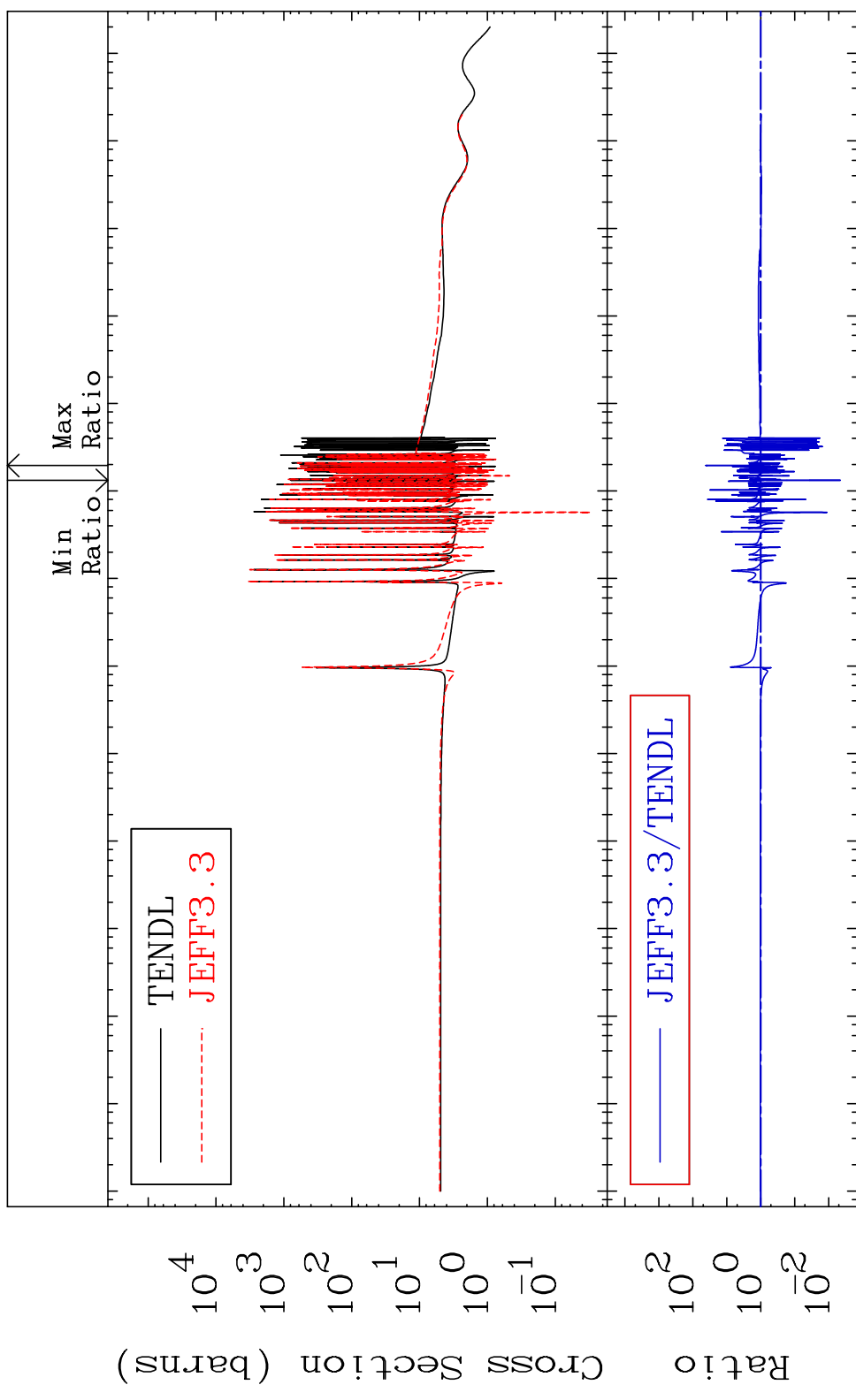
1

Incident Energy (eV)

54-Xe-129

MAT 5440

Elastic
Cross Section -99.55 To 4080. %
54-Xe-129



2

Incident Energy (eV)

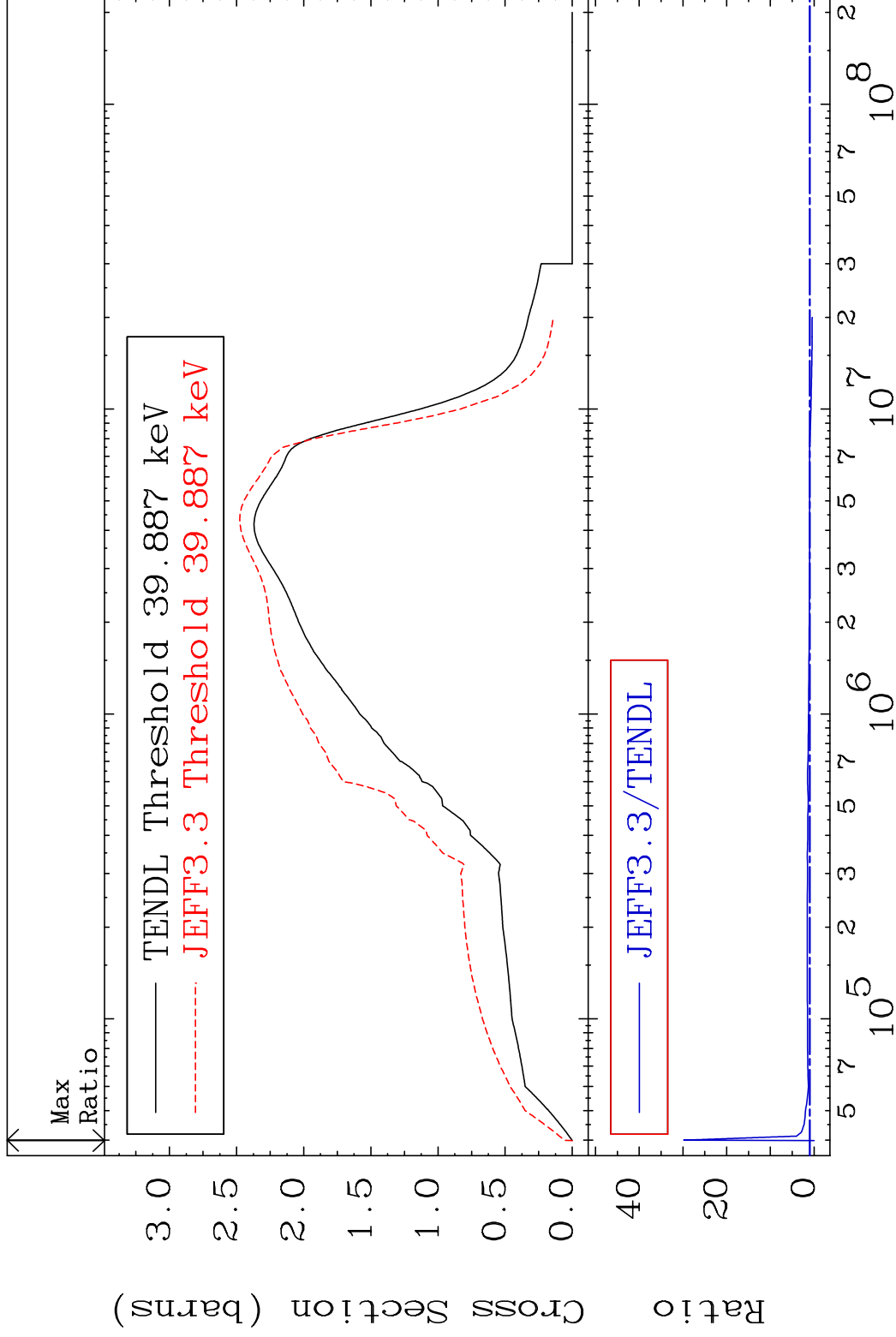
54-Xe-129

MAT 5440

Inelastic

54-Xe-129

Cross Section -100.0 To 2884. %



3

Incident Energy (eV)

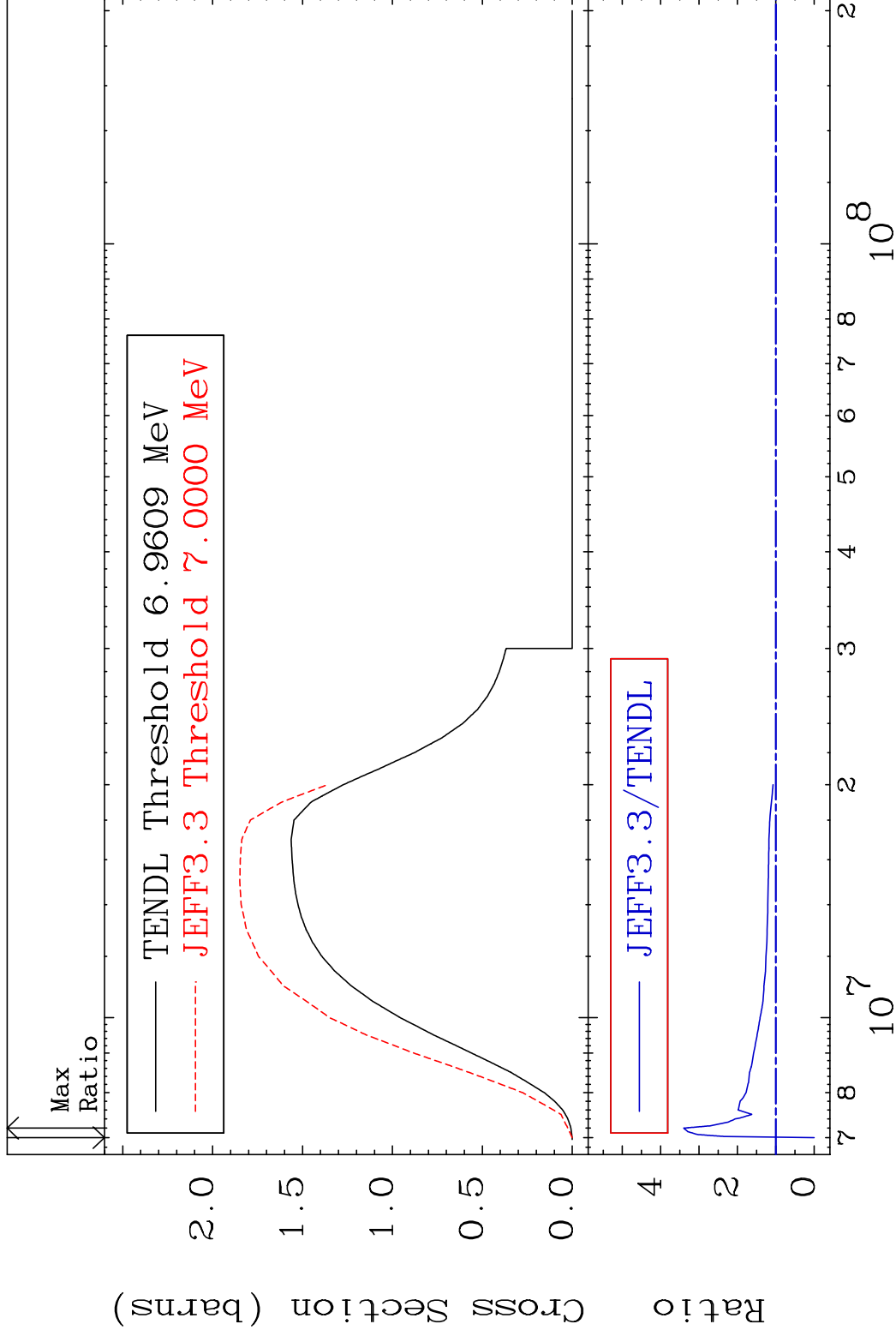
54-Xe-129

MAT 5440

(n,2n)

54-Xe-129

Cross Section -100.0 To 240.1 %



4

Incident Energy (eV)

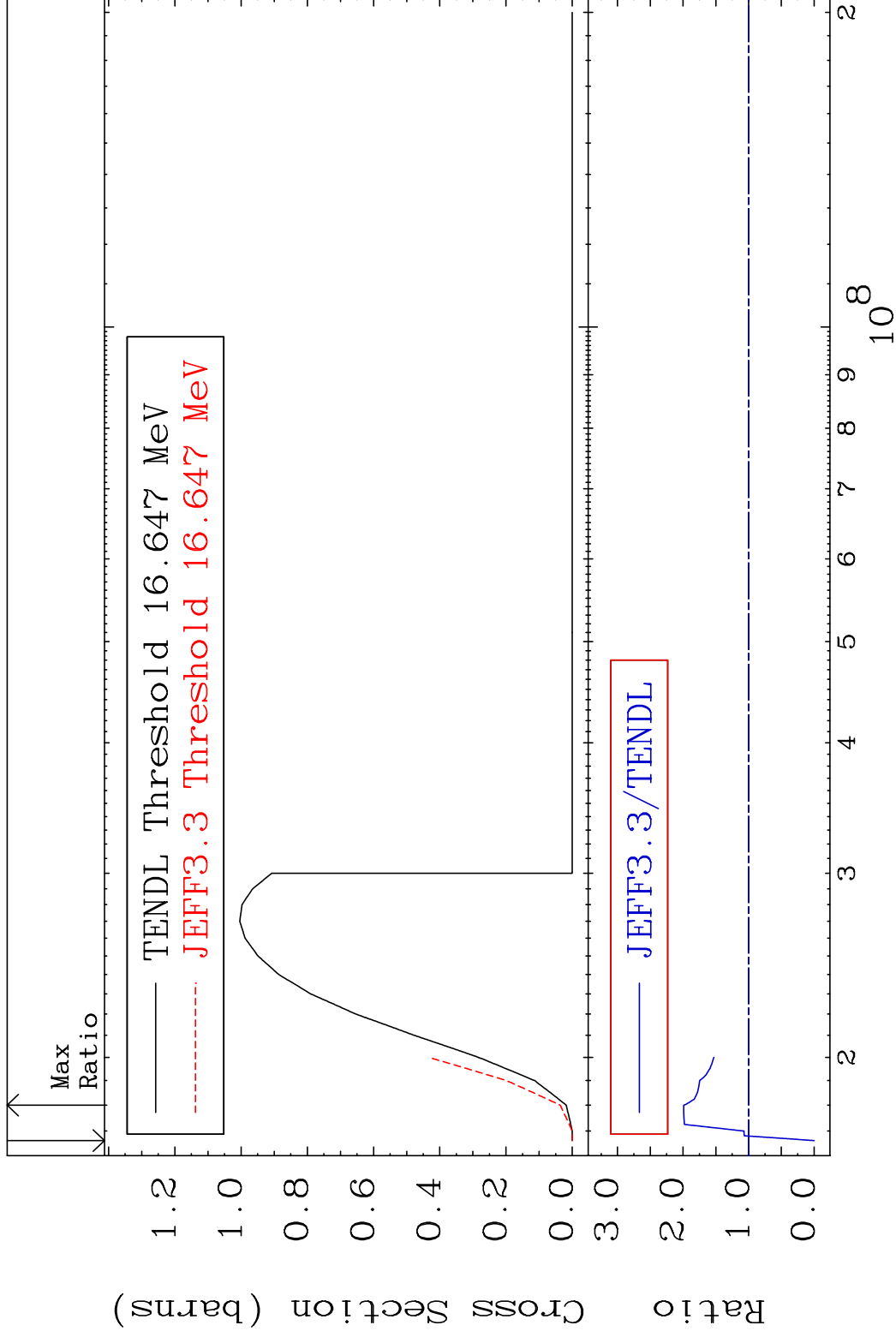
54-Xe-129

MAT 5440

(n,3n)

54-Xe-129

Cross Section -100.0 To 99.04 %



5

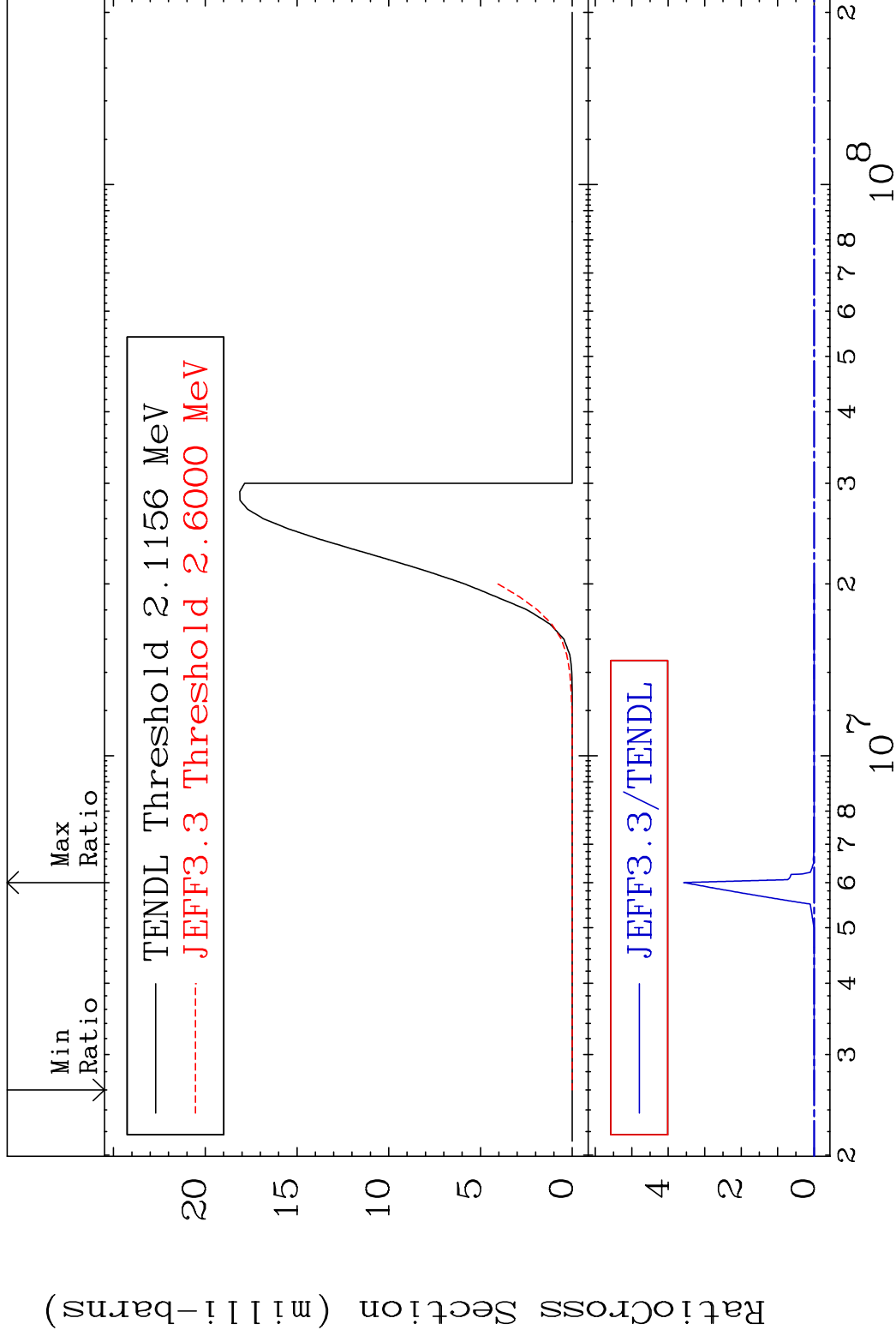
Incident Energy (eV)

54-Xe-129

MAT 5440

(n, n') α 54-Xe-129

Cross Section -100.0 To 9999. %



6

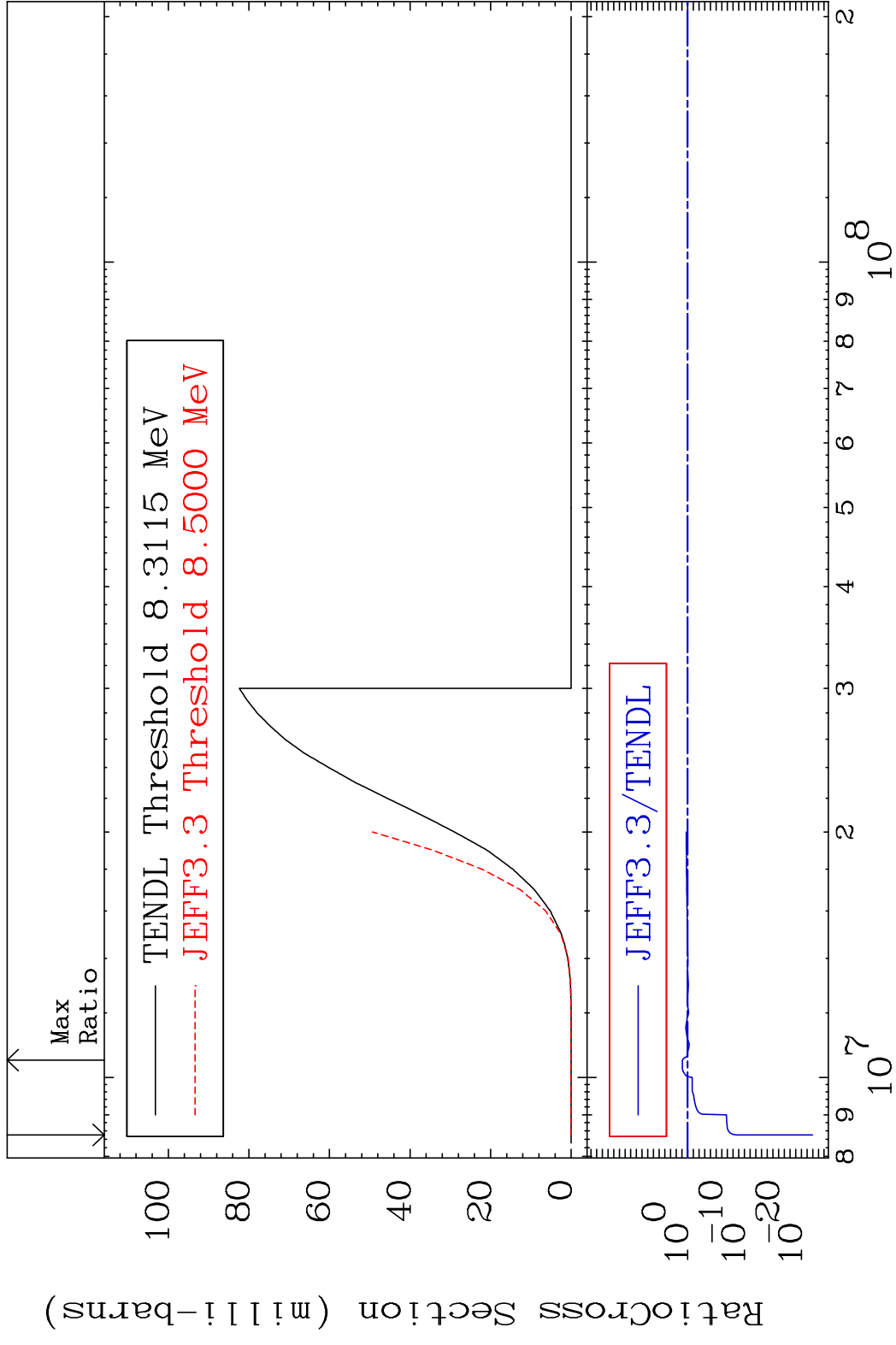
Incident Energy (eV)

54-Xe-129

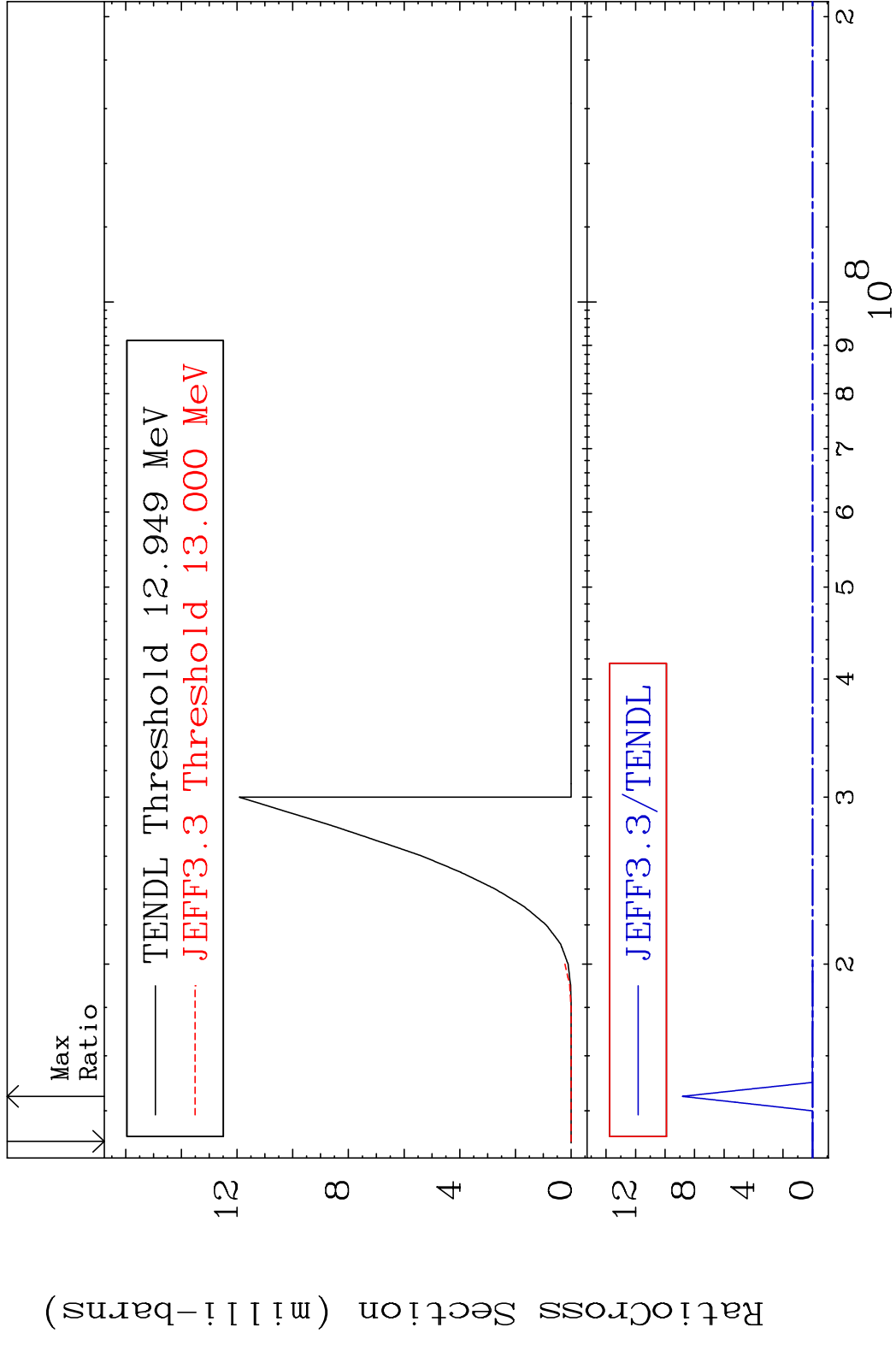
MAT 5440

(n, n') p 54-Xe-129

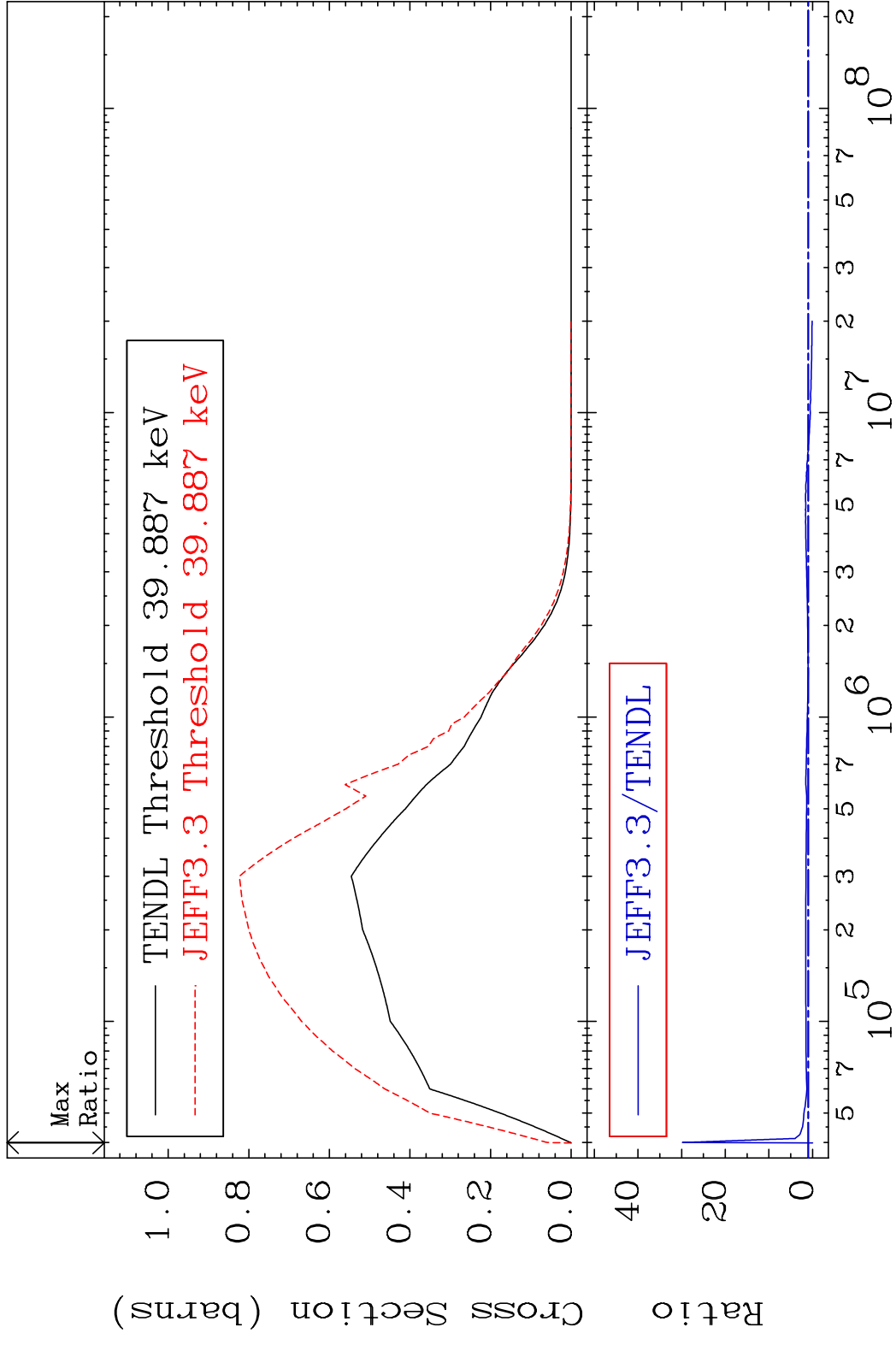
Cross Section -100.0 To 736.8 %



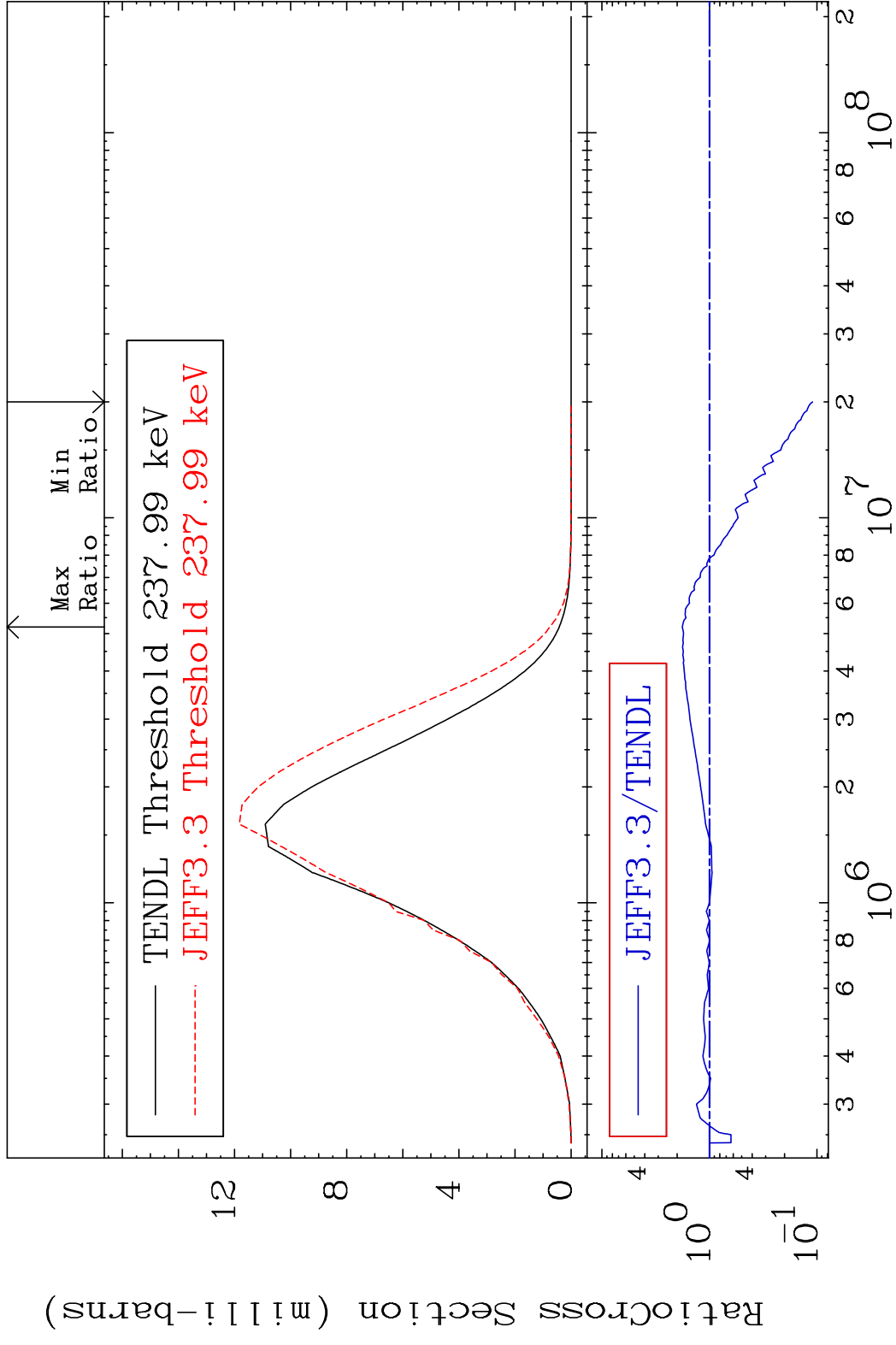
MAT 5440 (n, n') d 54-Xe-129
 Cross Section -100.0 To 9999. %



MAT 5440 MT= 51 (n,n') Level 54-Xe-129
 Cross Section -100.0 To 2884. %

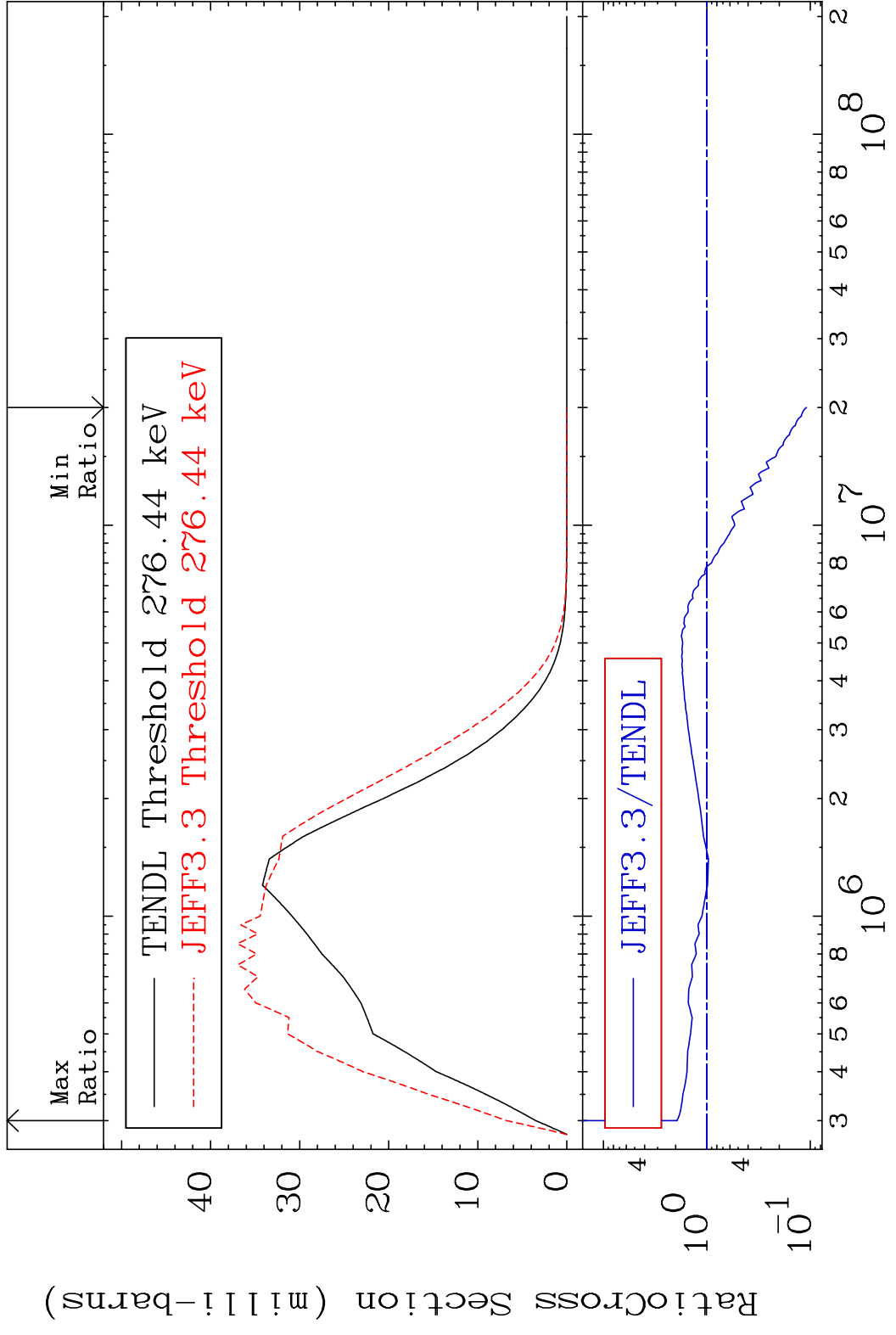


MAT 5440 MT= 52 (n, n') Level 54-Xe-129
 Cross Section -89.02 To 78.54 %

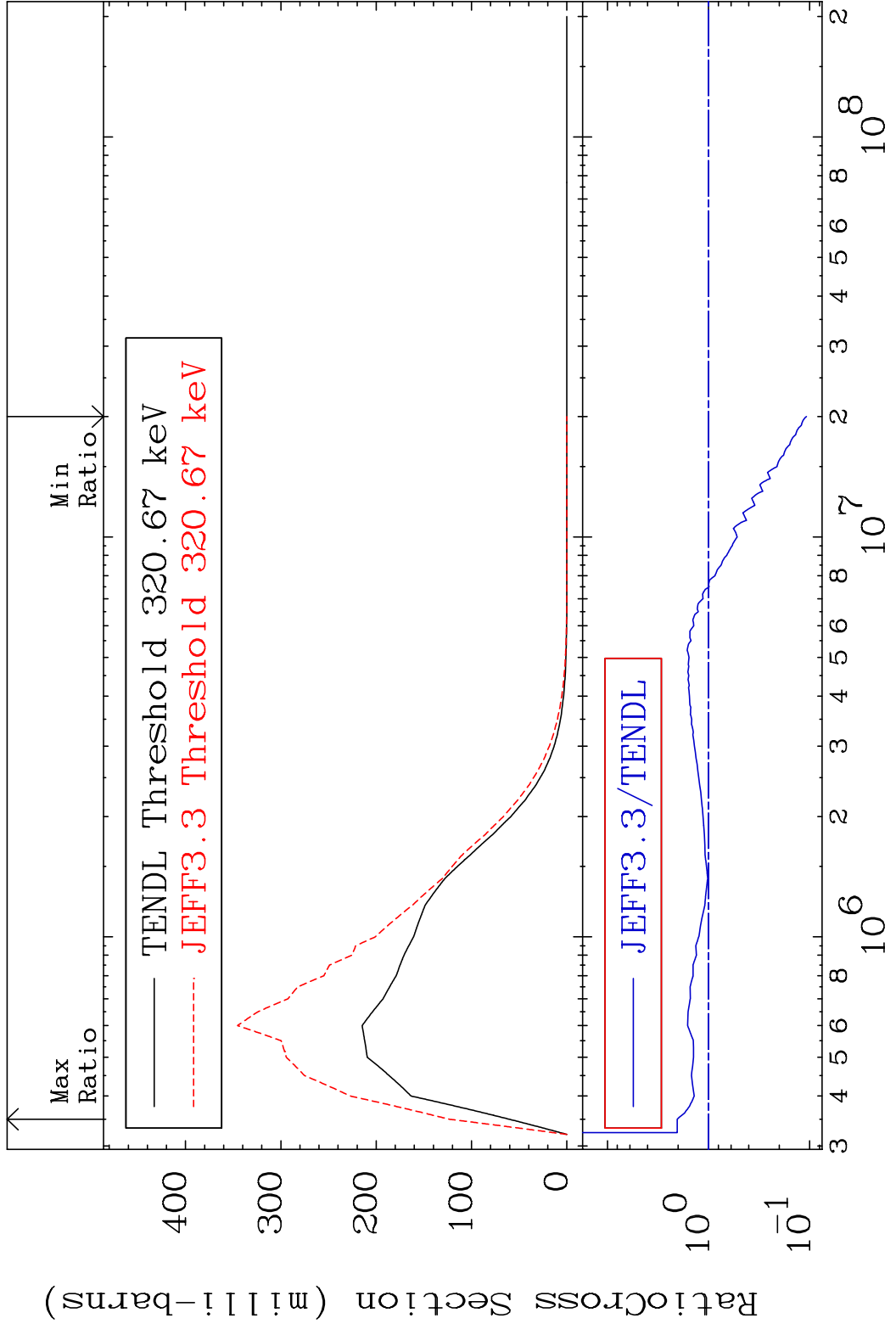


10 10 54-Xe-129

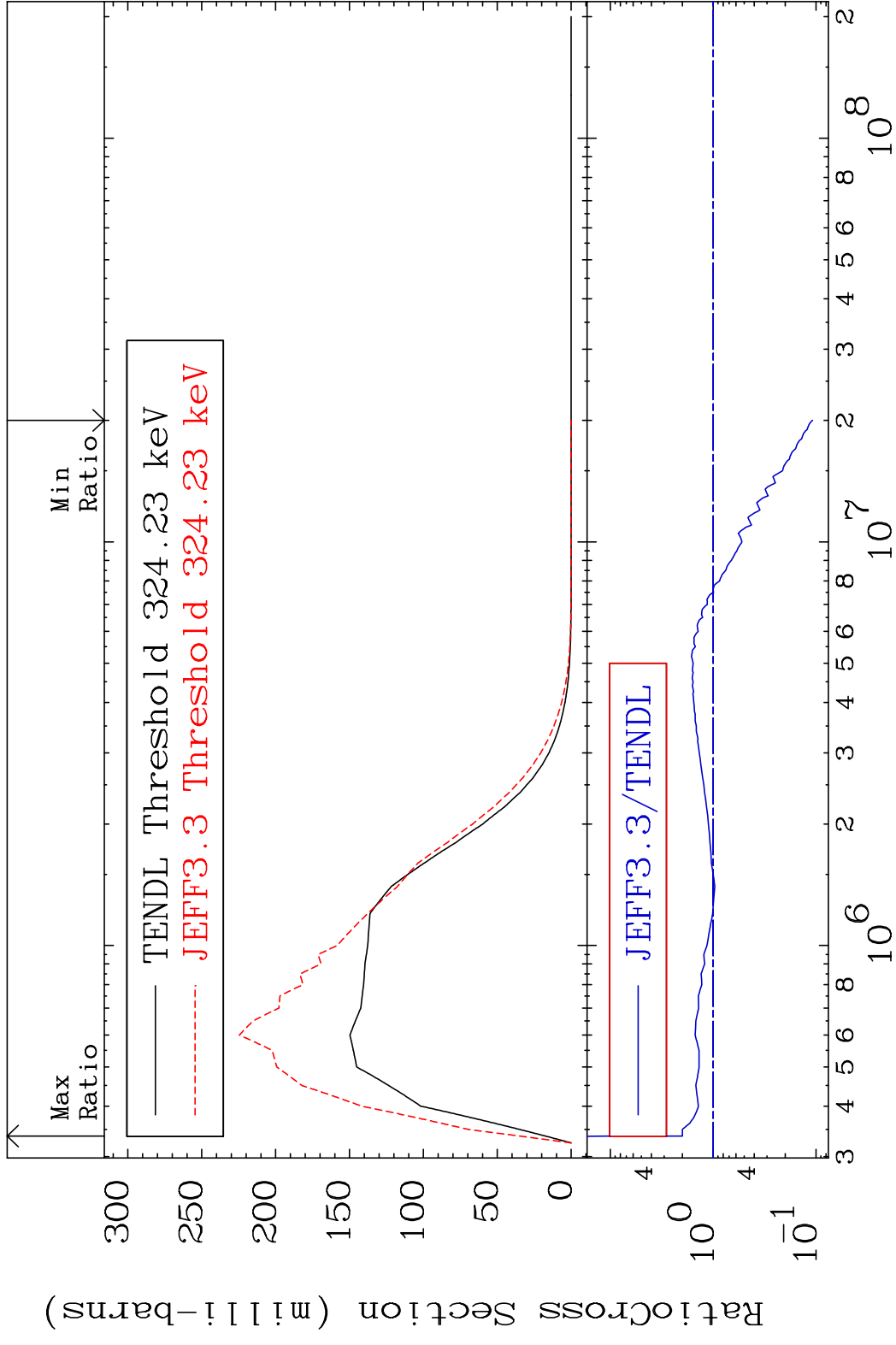
MAT 5440 MT= 53 (n, n') Level 54-Xe-129
 Cross Section -89.08 To 93.69 %



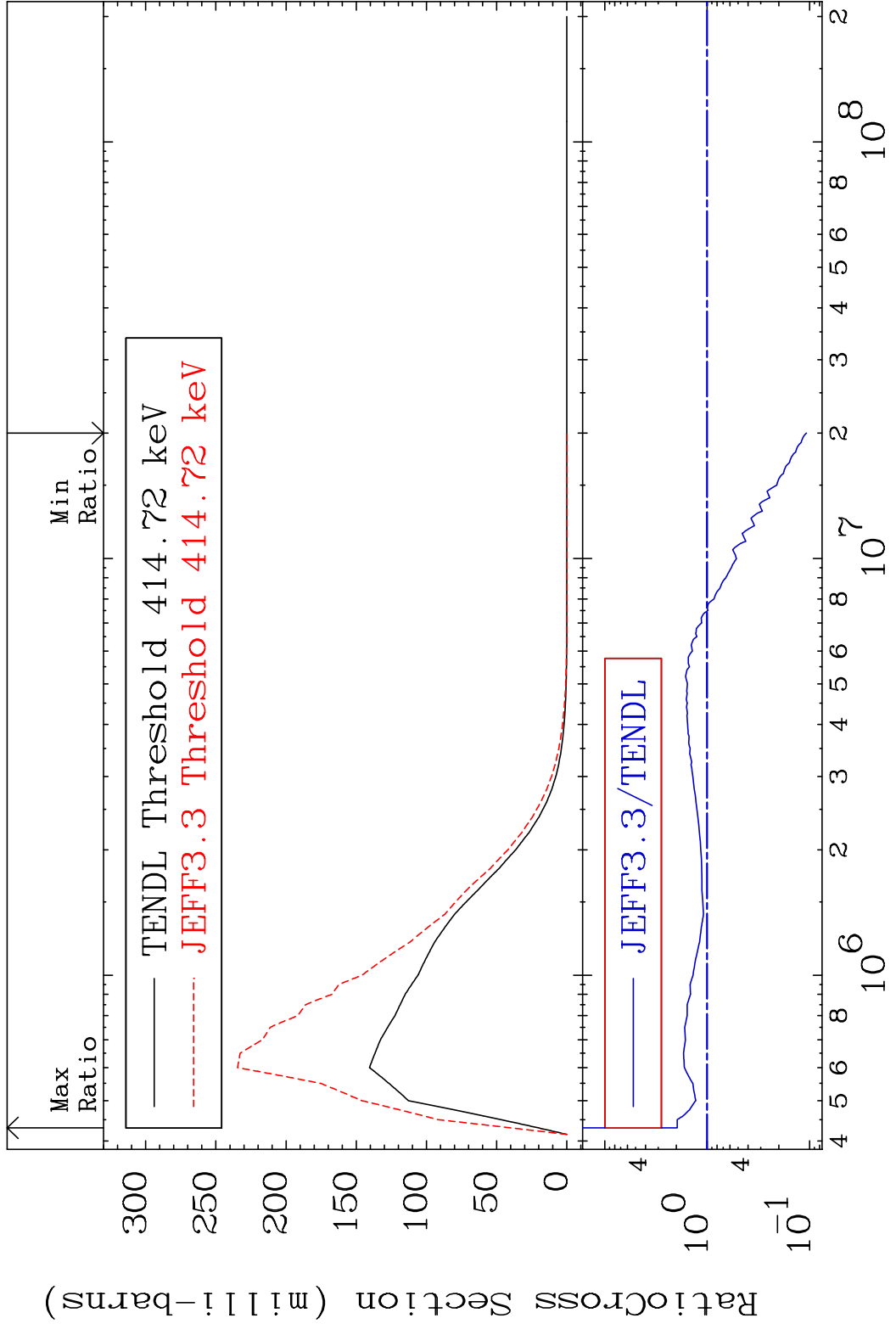
MAT 5440 MT= 54 (n, n') Level 54-Xe-129
 Cross Section -89.22 To 104.3 %



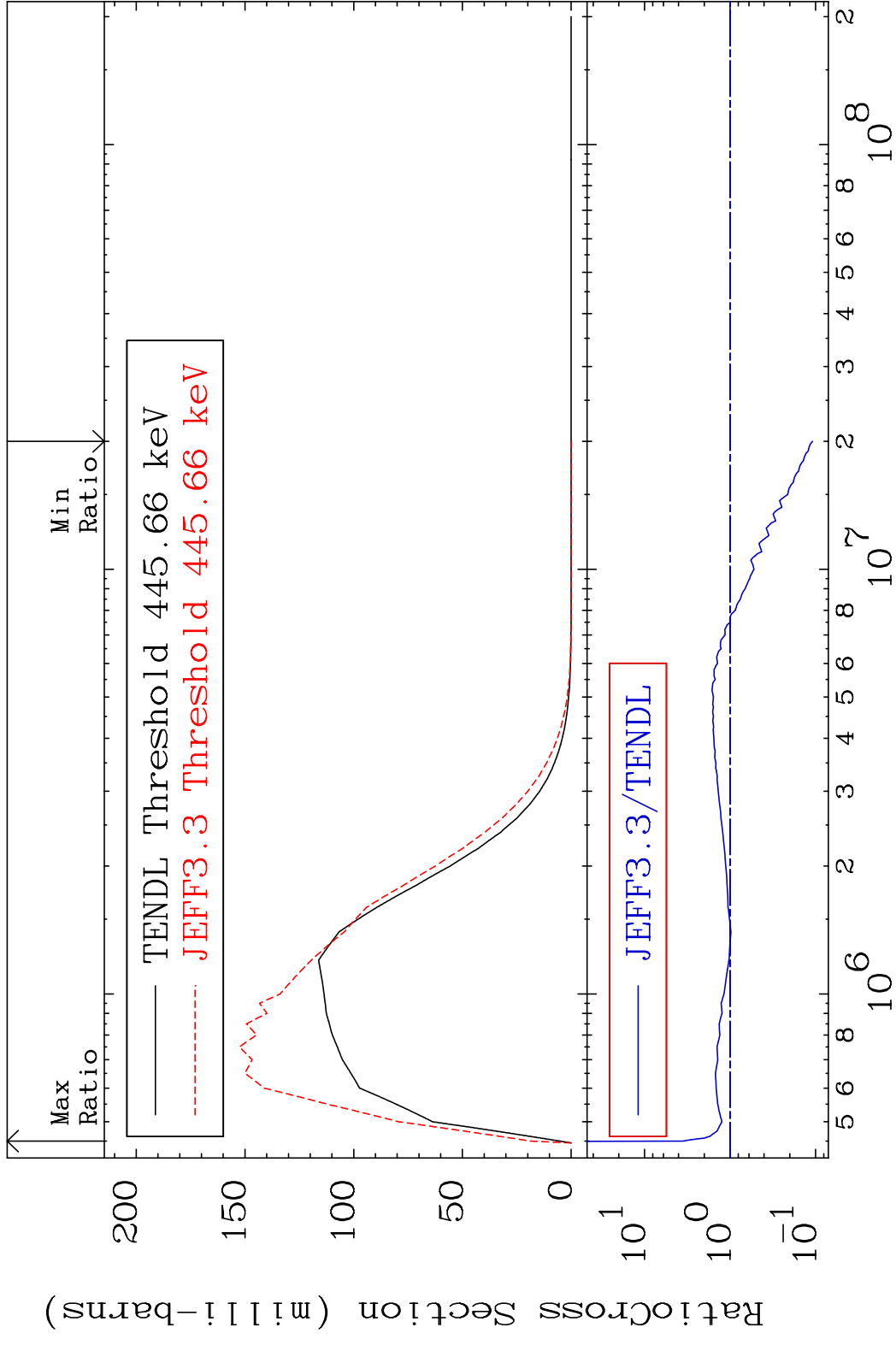
MAT 5440 MT= 55 (n,n') Level 54-Xe-129
 Cross Section -89.18 To 99.75 %



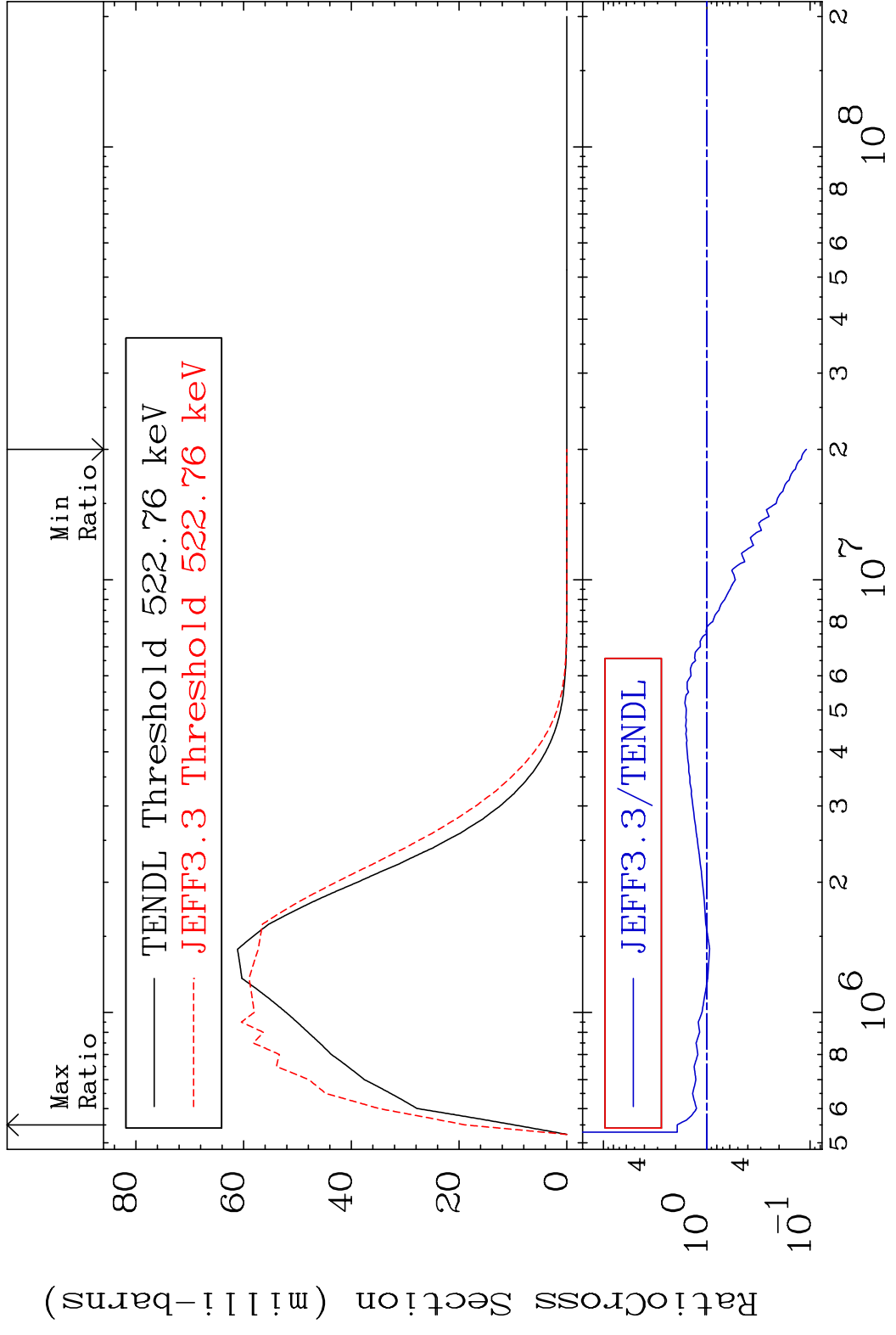
MAT 5440 MT= 56 (n, n') Level 54-Xe-129
 Cross Section -89.25 To 96.29 %



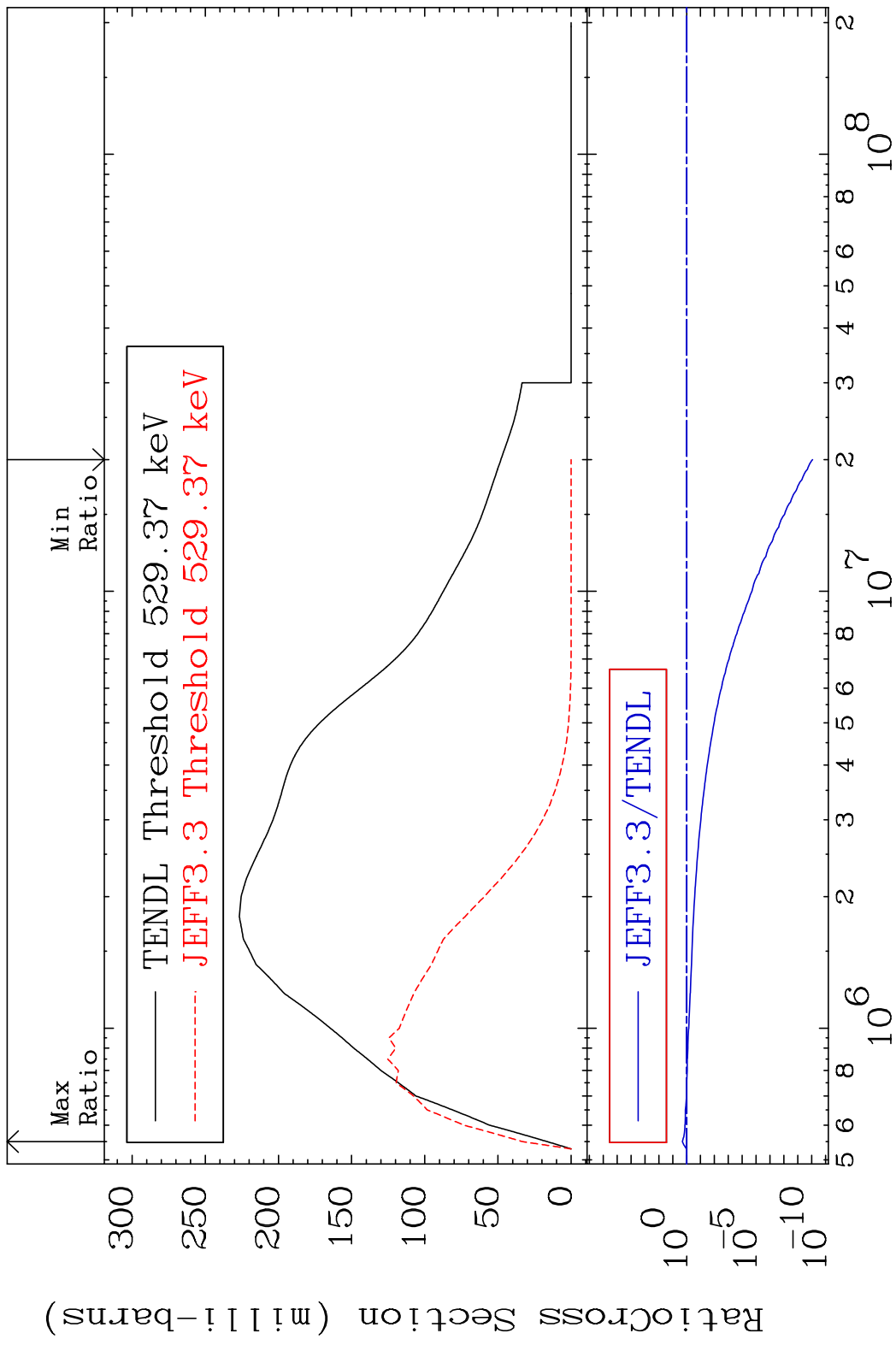
MAT 5440 MT= 57 (n, n') Level 54-Xe-129
 Cross Section -89.18 To 261.3 %



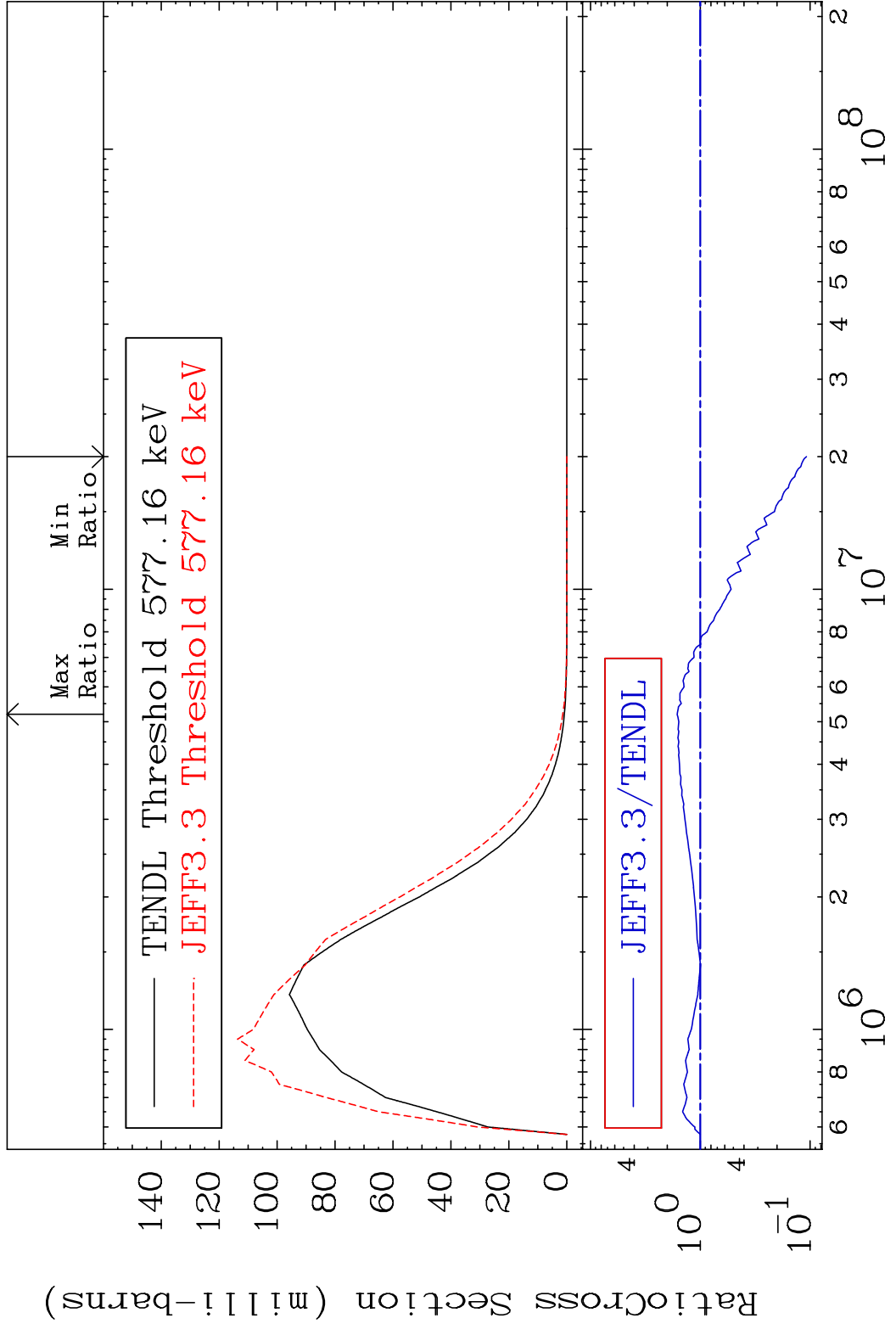
MAT 5440 MT= 58 (n, n') Level 54-Xe-129
 Cross Section -89.12 To 93.23 %



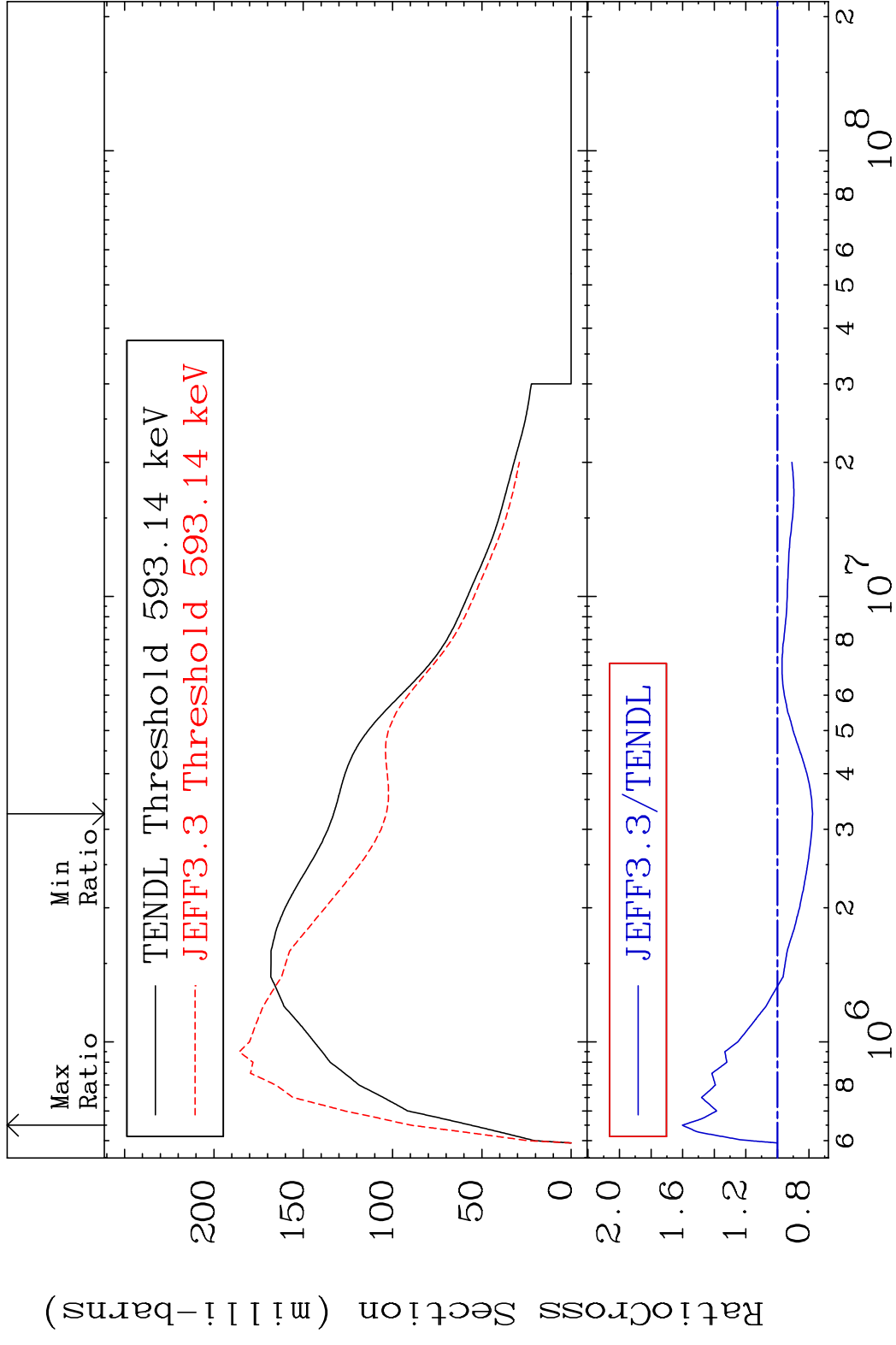
MAT 5440 MT= 59 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 103.3 %



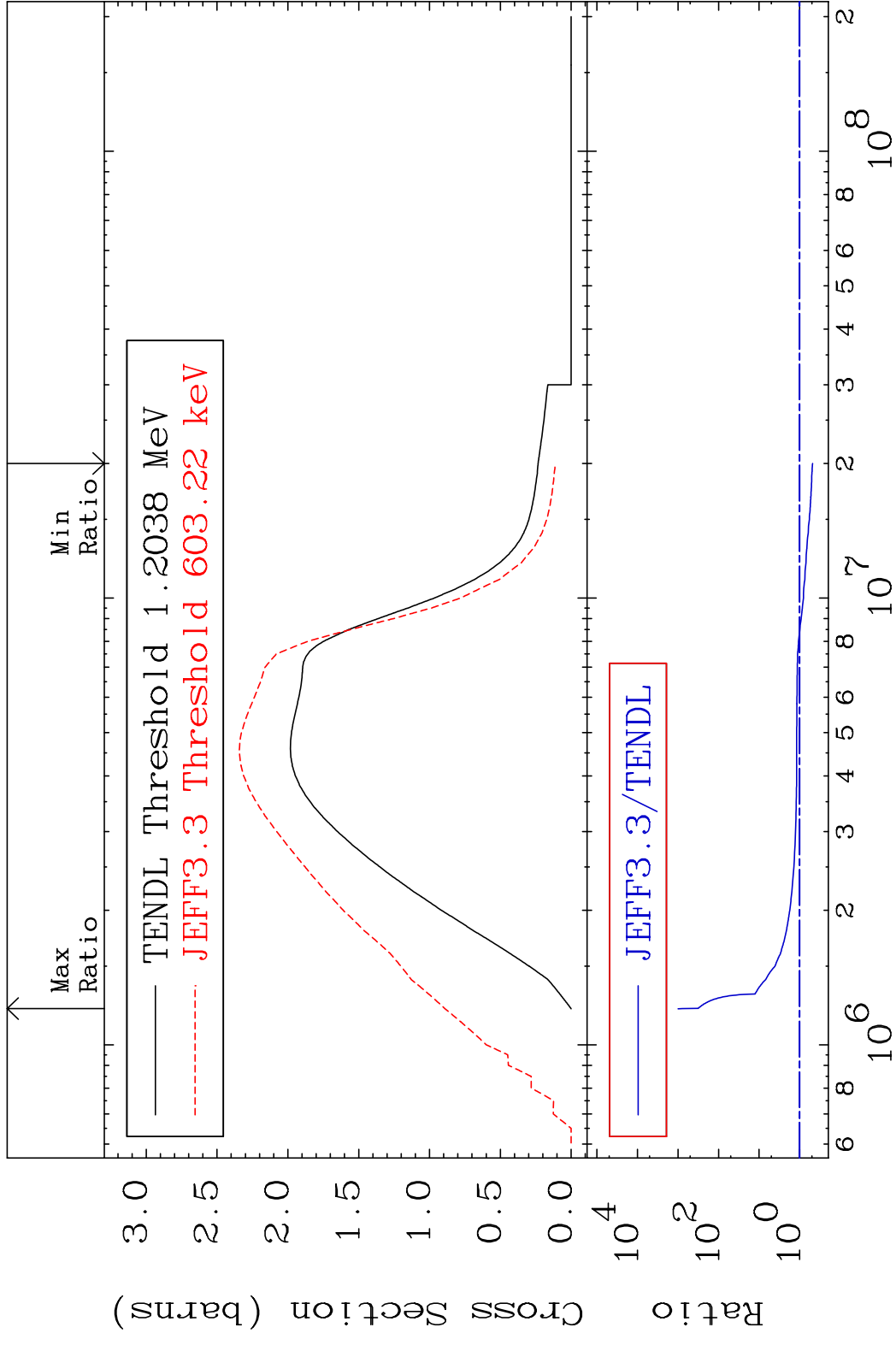
MAT 5440 MT= 60 (n, n') Level 54-Xe-129
 Cross Section -89.18 To 62.38 %



MAT 5440 MT= 61 (n, n') Level 54-Xe-129
 Cross Section -22.27 To 60.19 %



MAT 5440 (n,n') Continuum 54-Xe-129
 Cross Section -52.03 To 9999. %

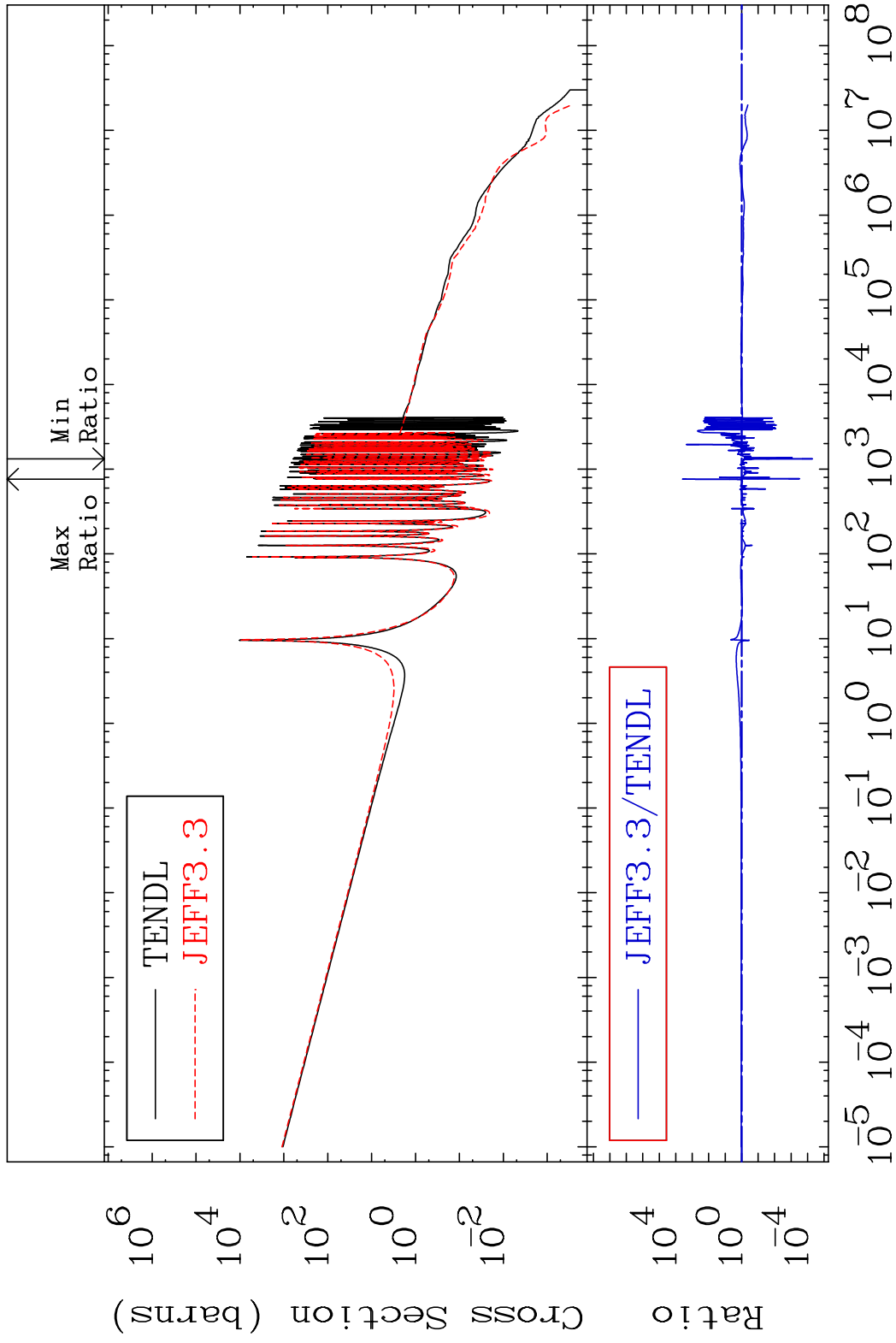


MAT 5440

(n, γ)

54-Xe-129

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

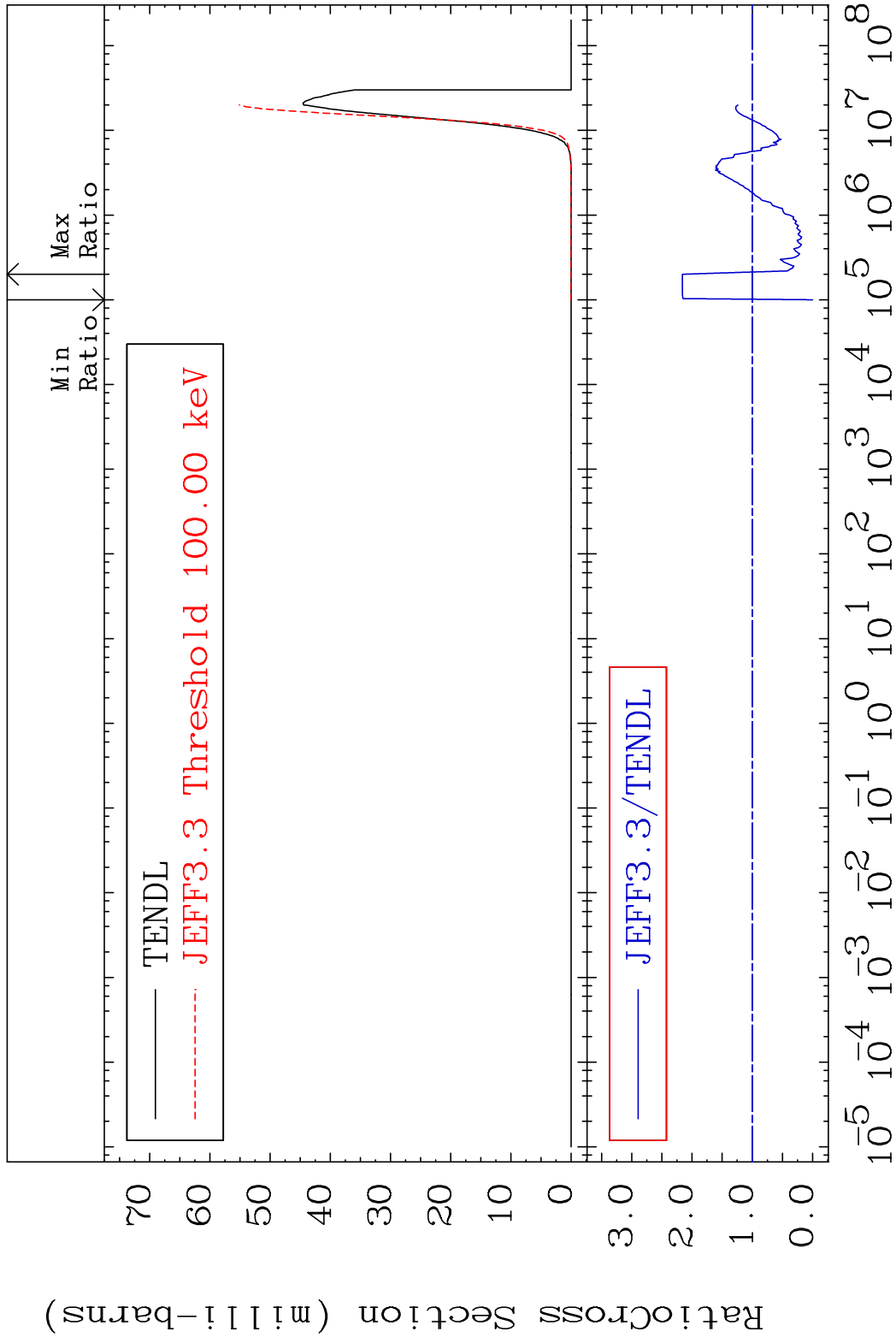
54-Xe-129

MAT 5440

(n, p)

54-Xe-129

Cross Section -100.0 To 116.0 %



22

Incident Energy (eV)

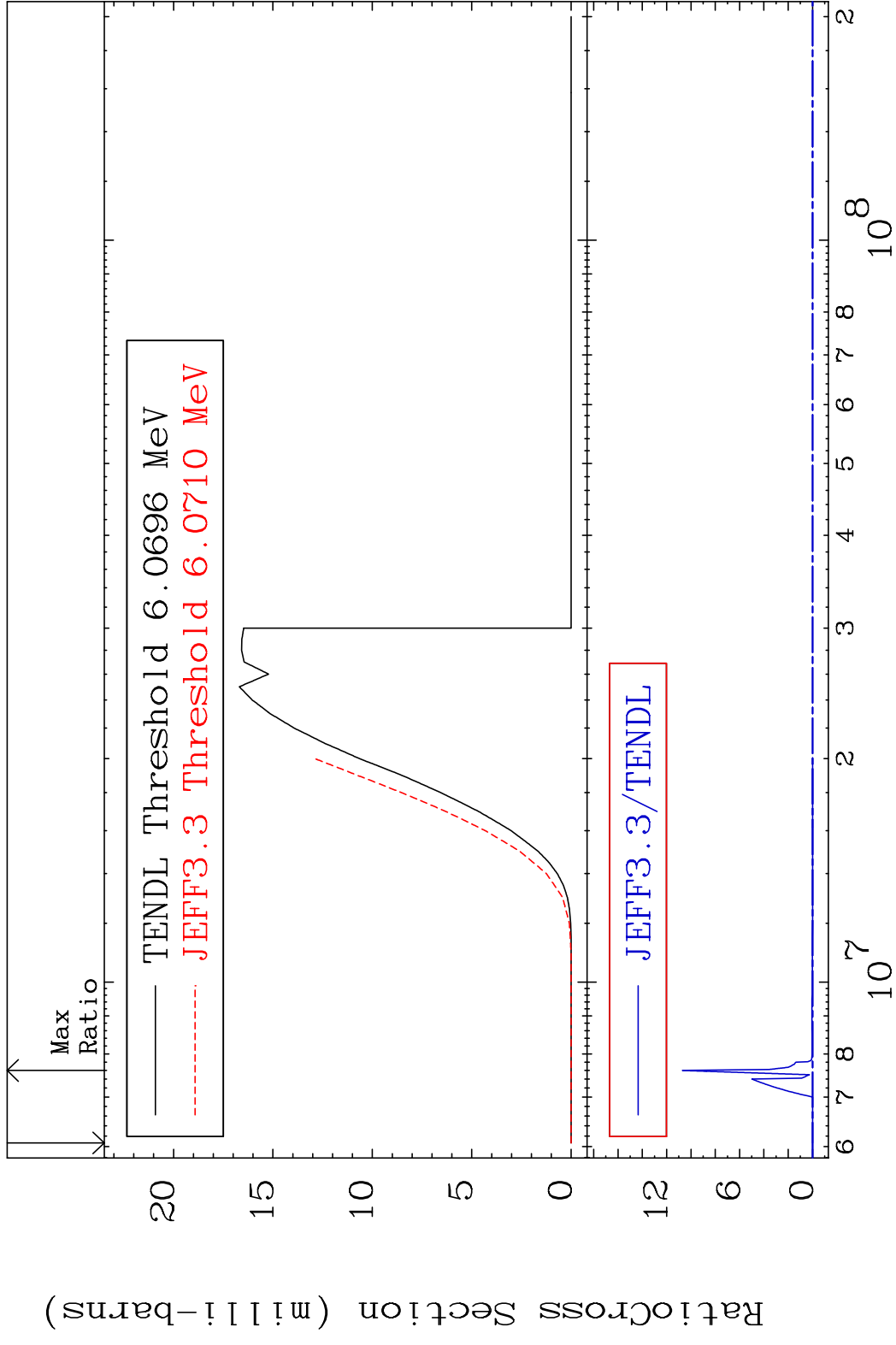
54-Xe-129

MAT 5440

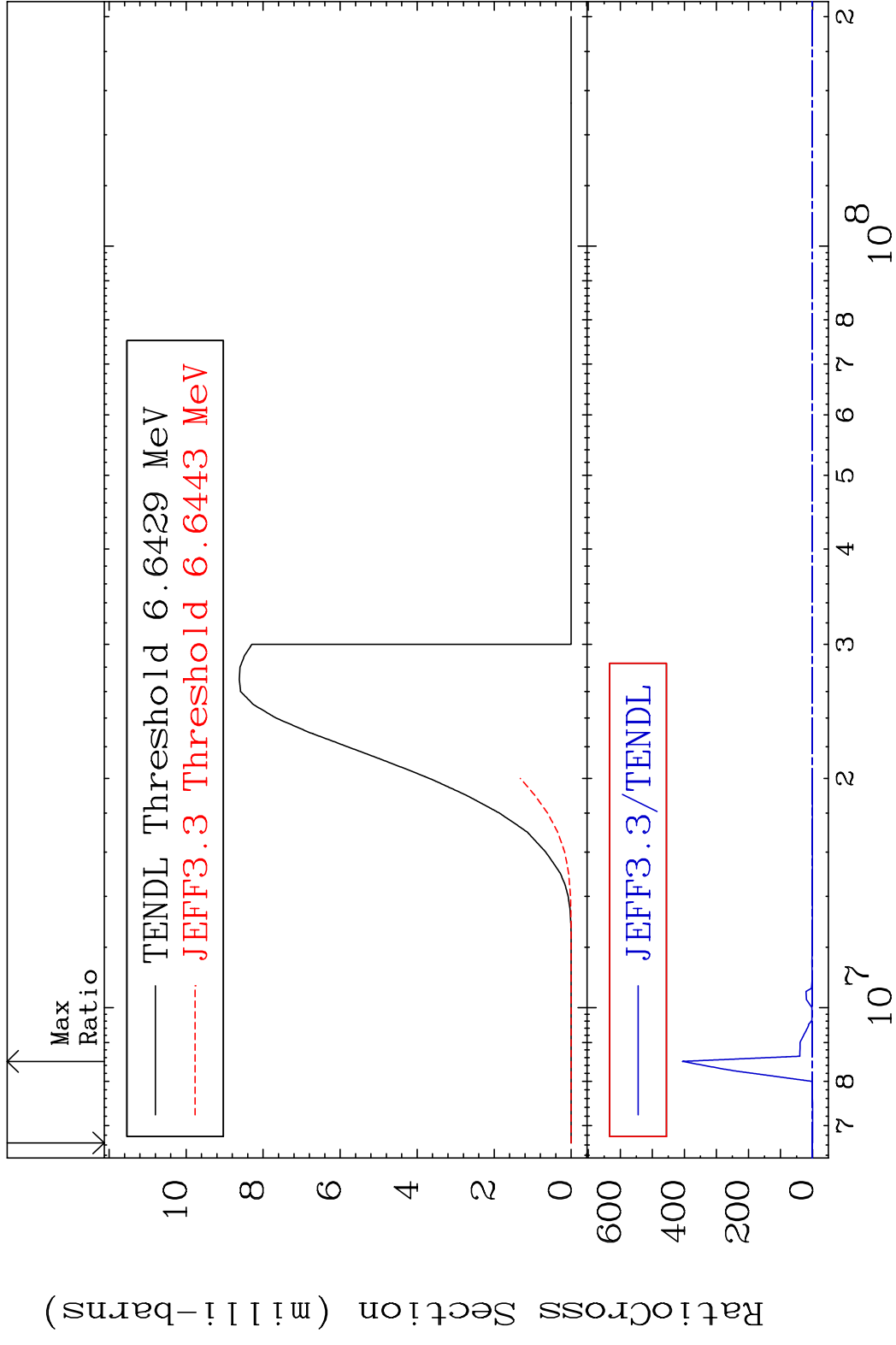
54-Xe-129

(n,d)

Cross Section -100.0 To 9999. %



MAT 5440 (n, t) 54-Xe-129
 Cross Section -100.0 To 9999. %

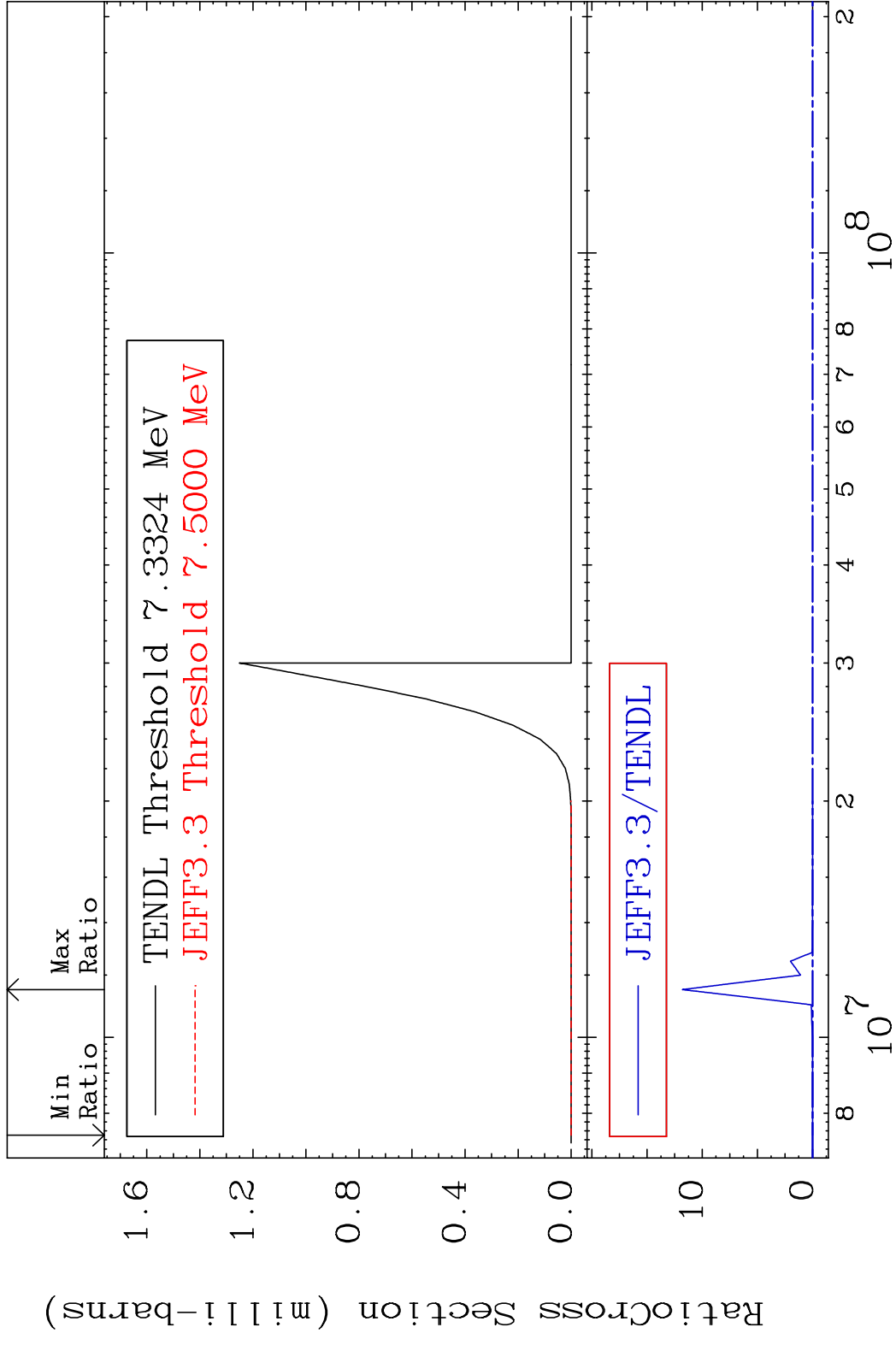


MAT 5440

(n, He-3)

54-Xe-129

Cross Section -100.0 To 9999. %

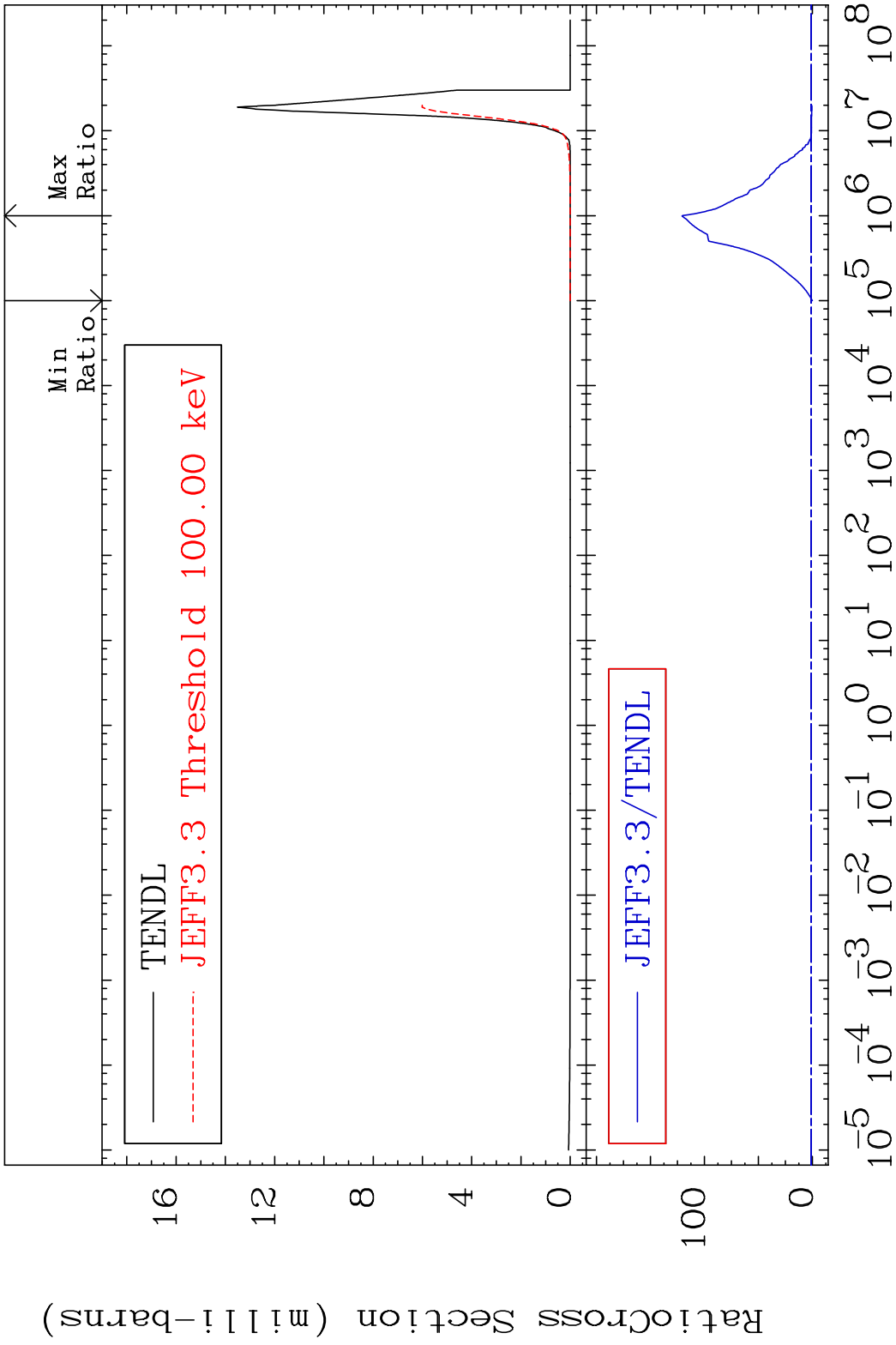


MAT 5440

(n, α)

54-Xe-129

Cross Section -100.0 To 9999. %



26

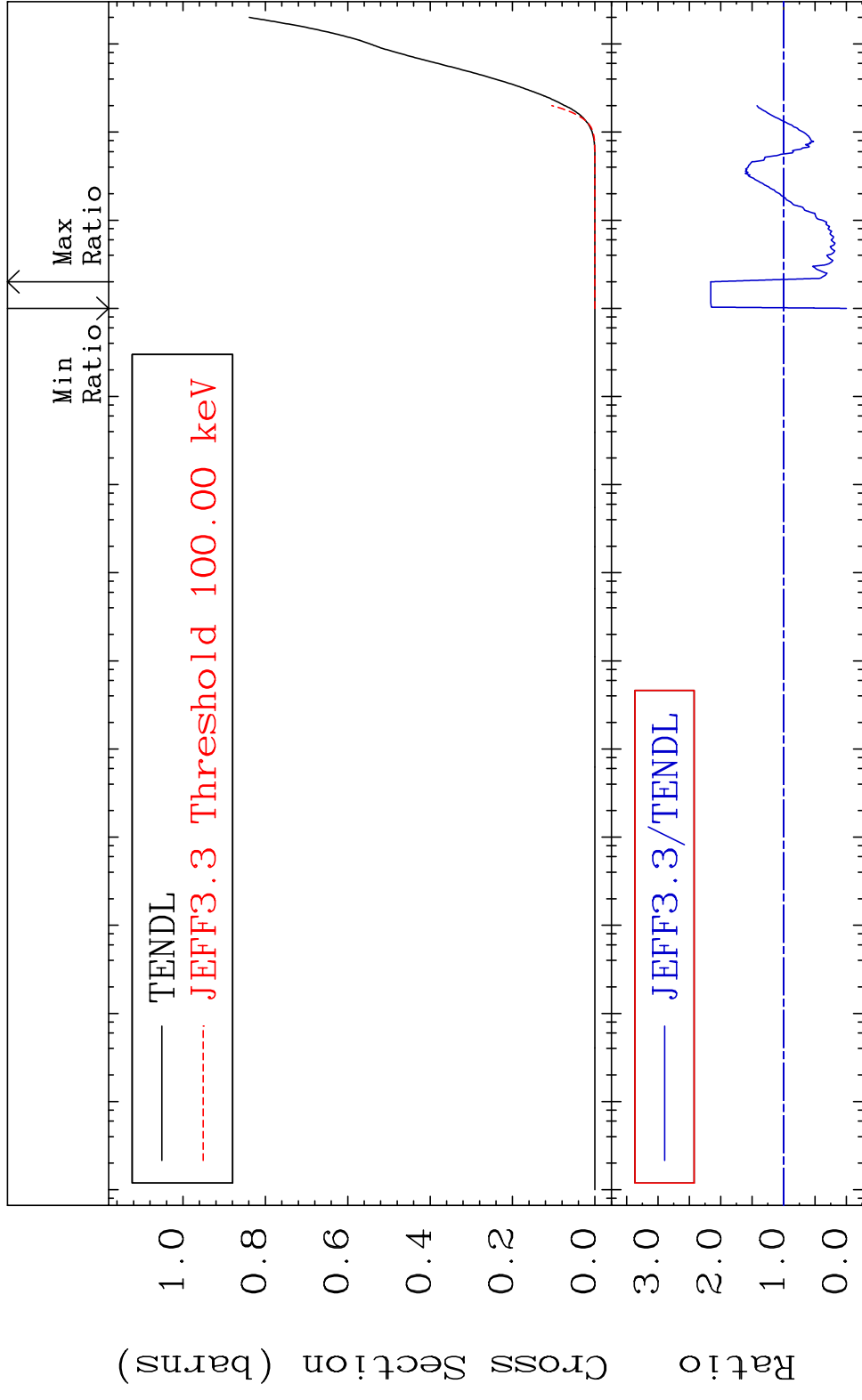
Incident Energy (eV)

54-Xe-129

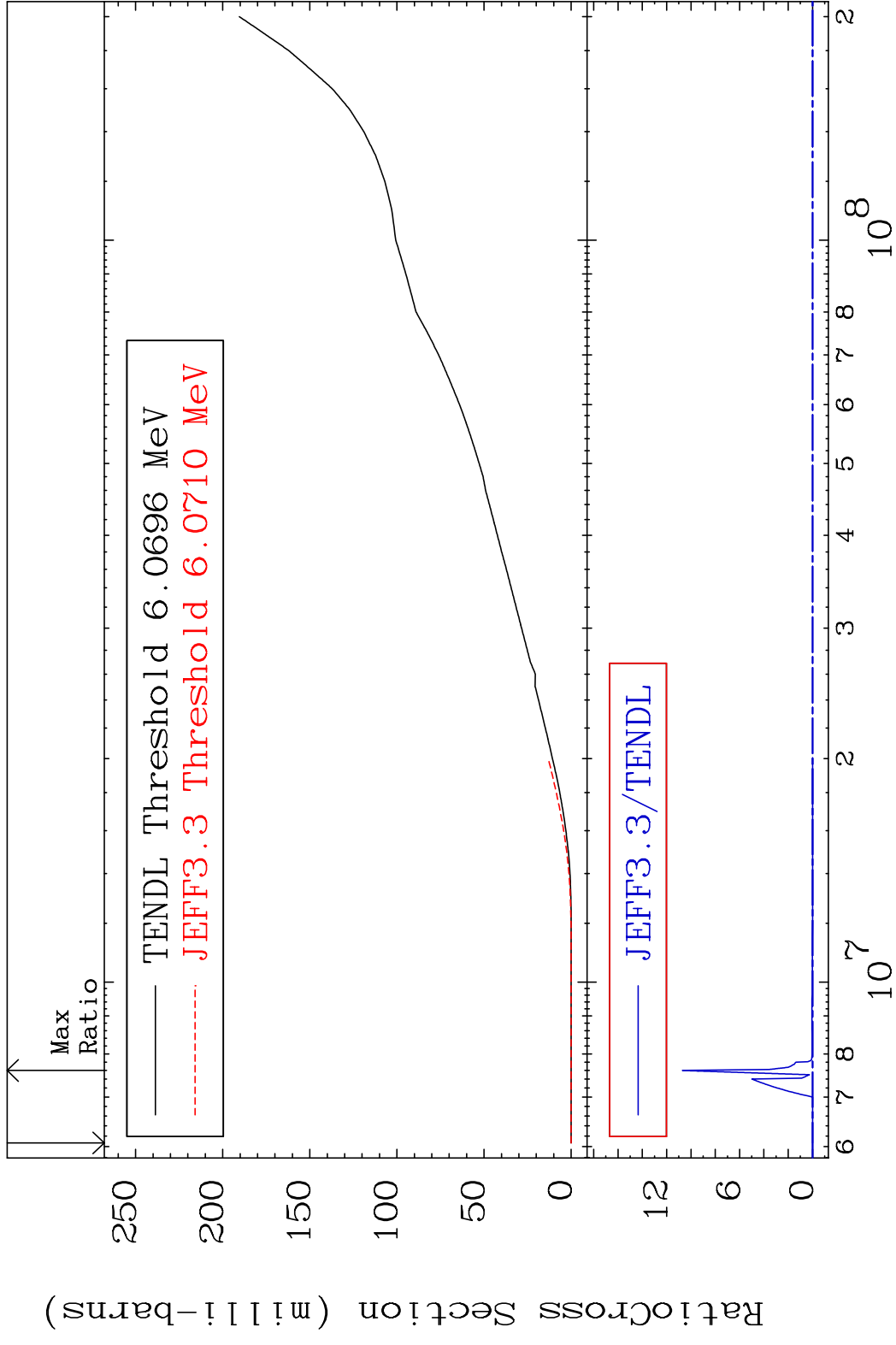
MAT 5440

Hydrogen Production
Cross Section -100.0 To 116.0 %

54-Xe-129



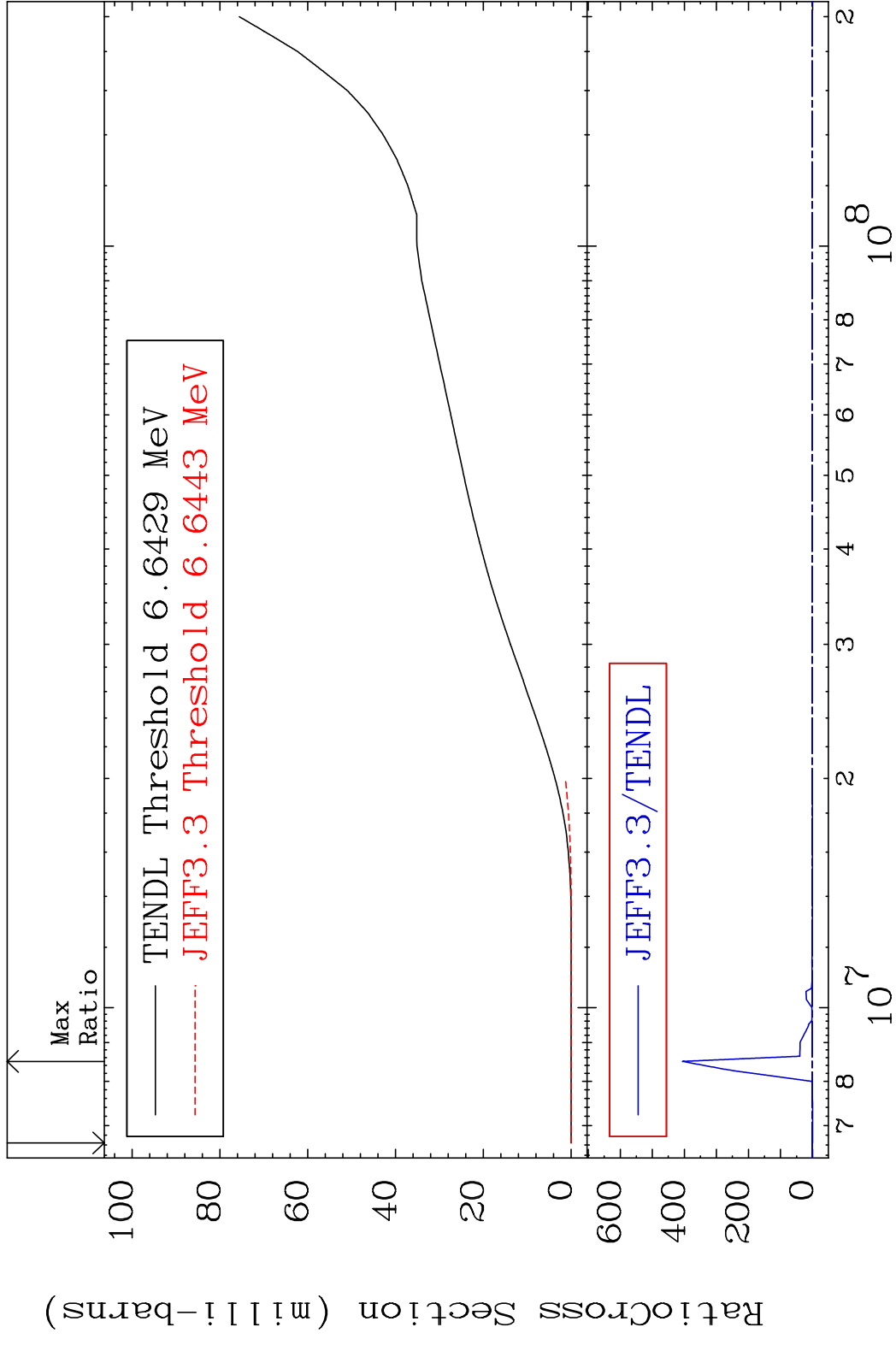
MAT 5440 Deuterium Production 54-Xe-129
 Cross Section -100.0 To 9999. %



MAT 5440

Tritium Production 54-Xe-129

Cross Section -100.0 To 9999. %

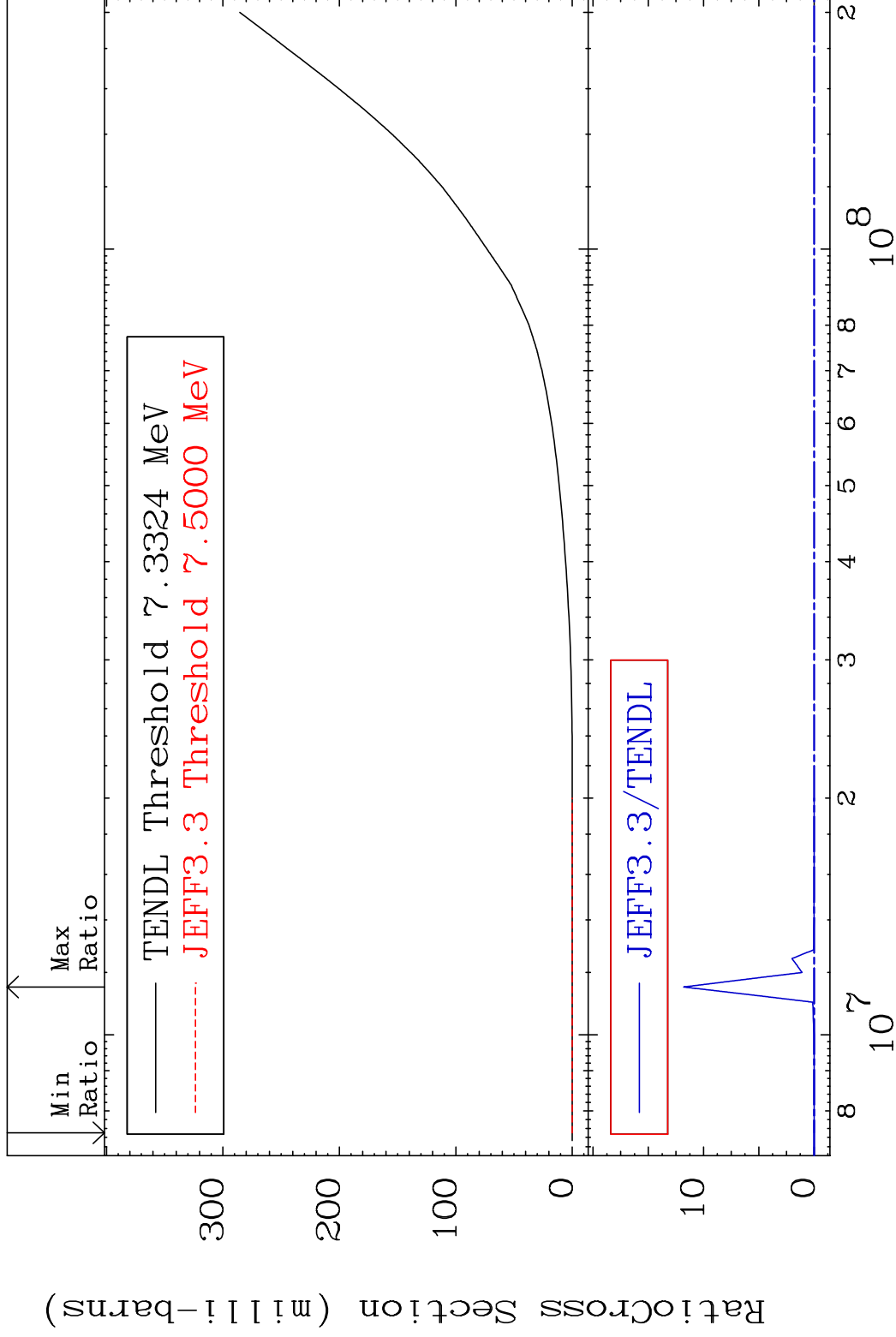


MAT 5440

He-3 Production

54-Xe-129

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

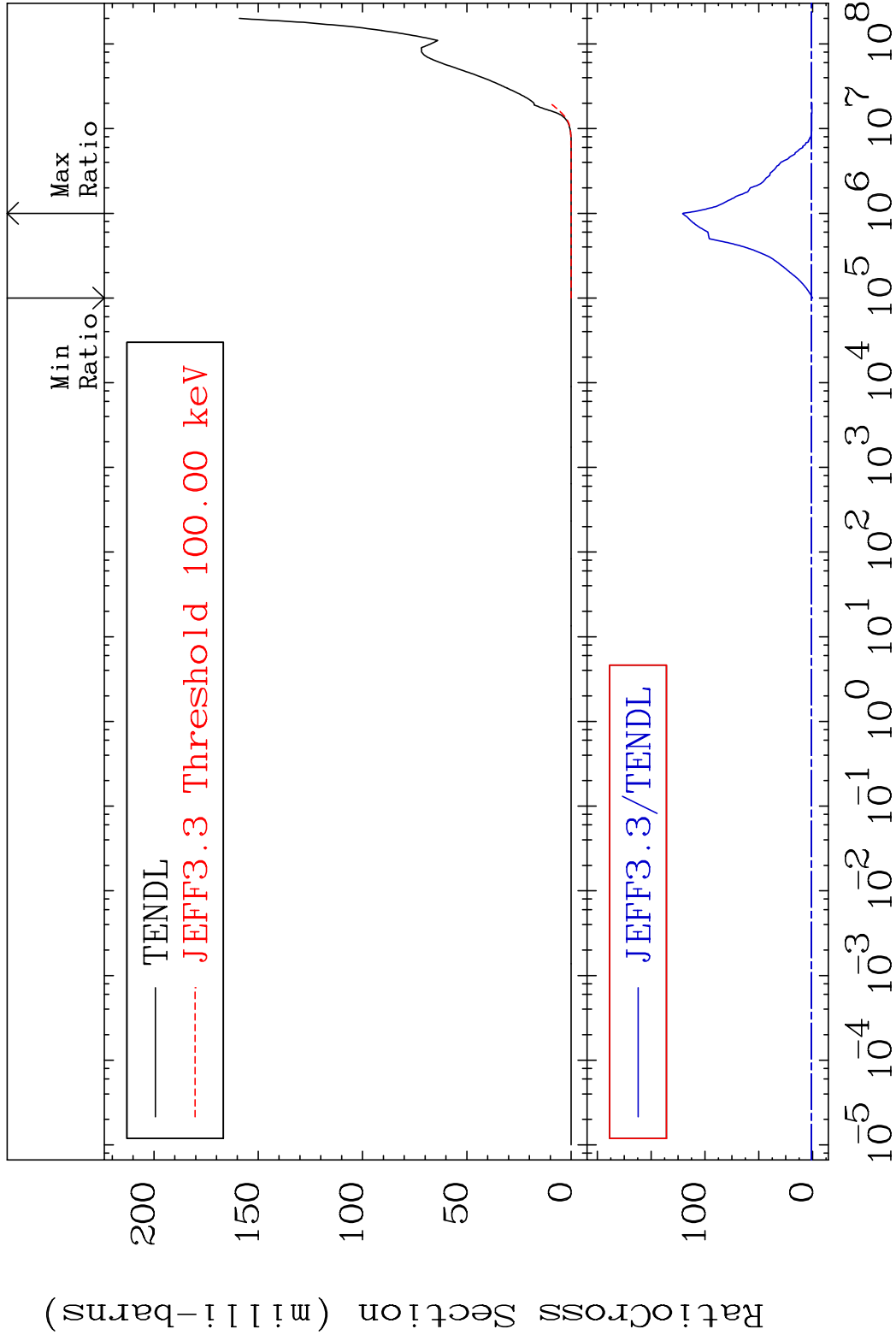
54-Xe-129

MAT 5440

He-4 Production

54-Xe-129

Cross Section -100.0 To 9999. %

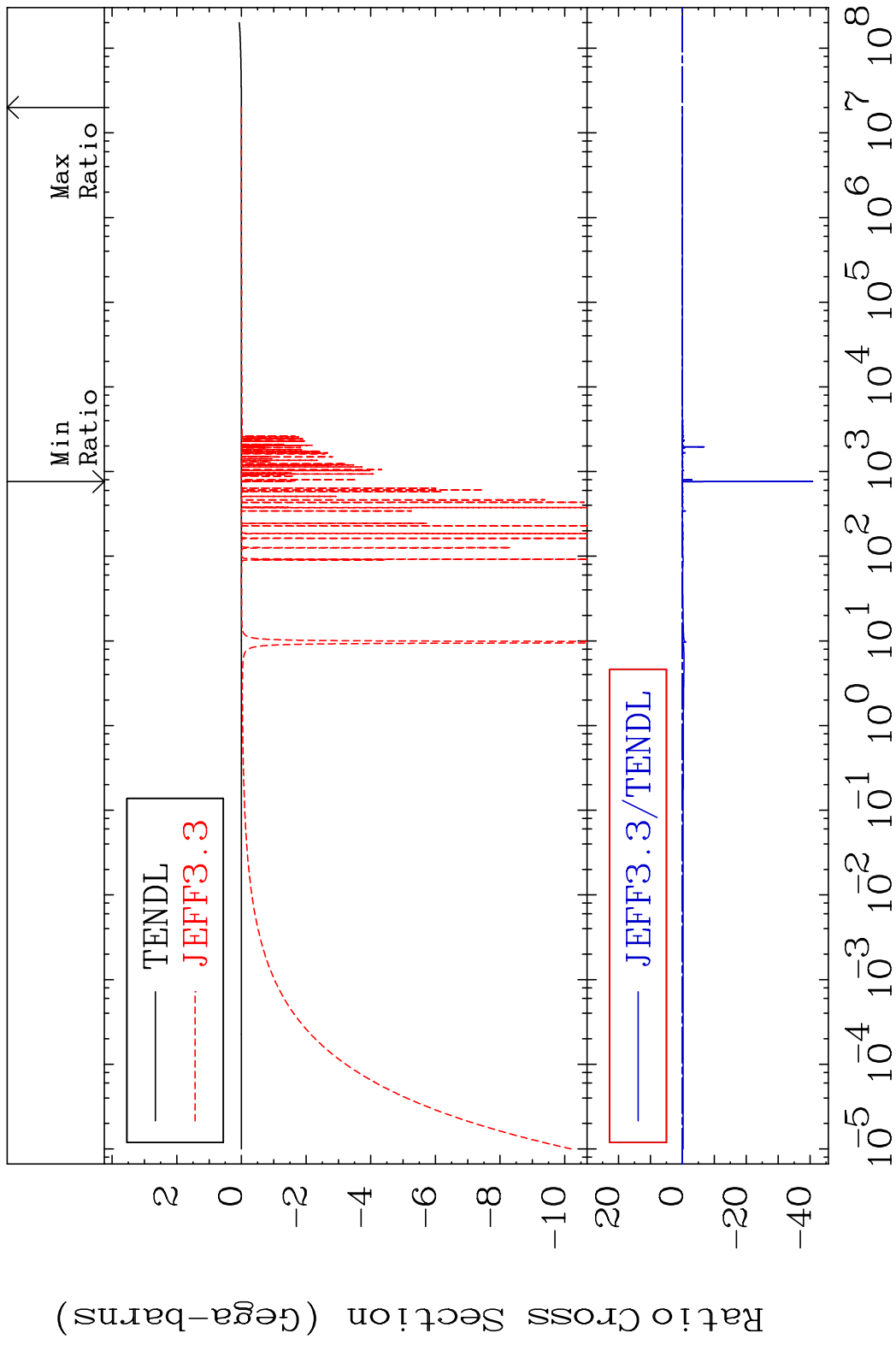


31

Incident Energy (eV)

54-Xe-129

MAT 5440 Kerma total (eV-barns) 54-Xe-129
 Cross Section -9999. To -13.28%

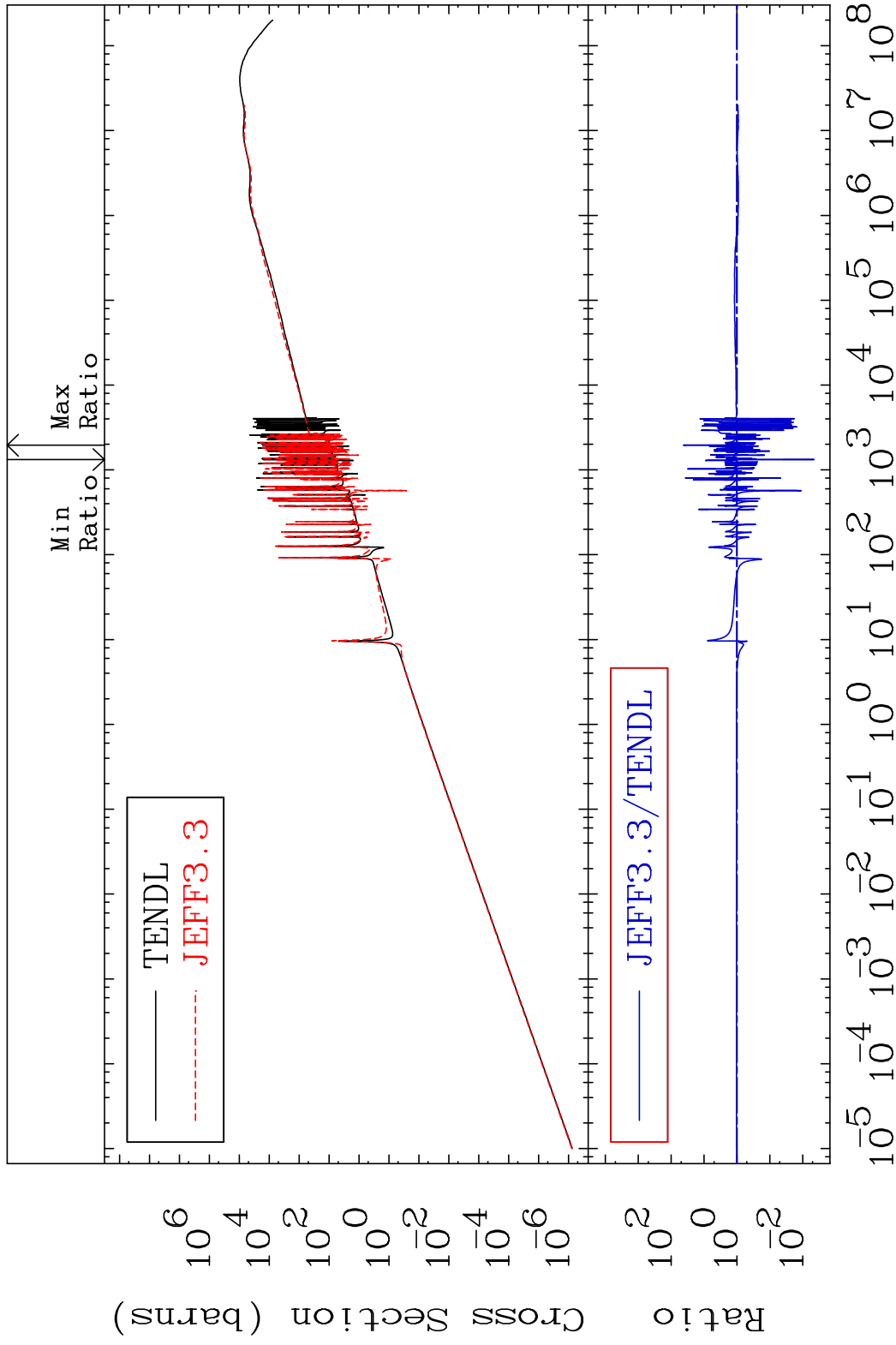


MAT 5440

Kerma elastic

54-Xe-129

Cross Section -99.55 To 4080. %

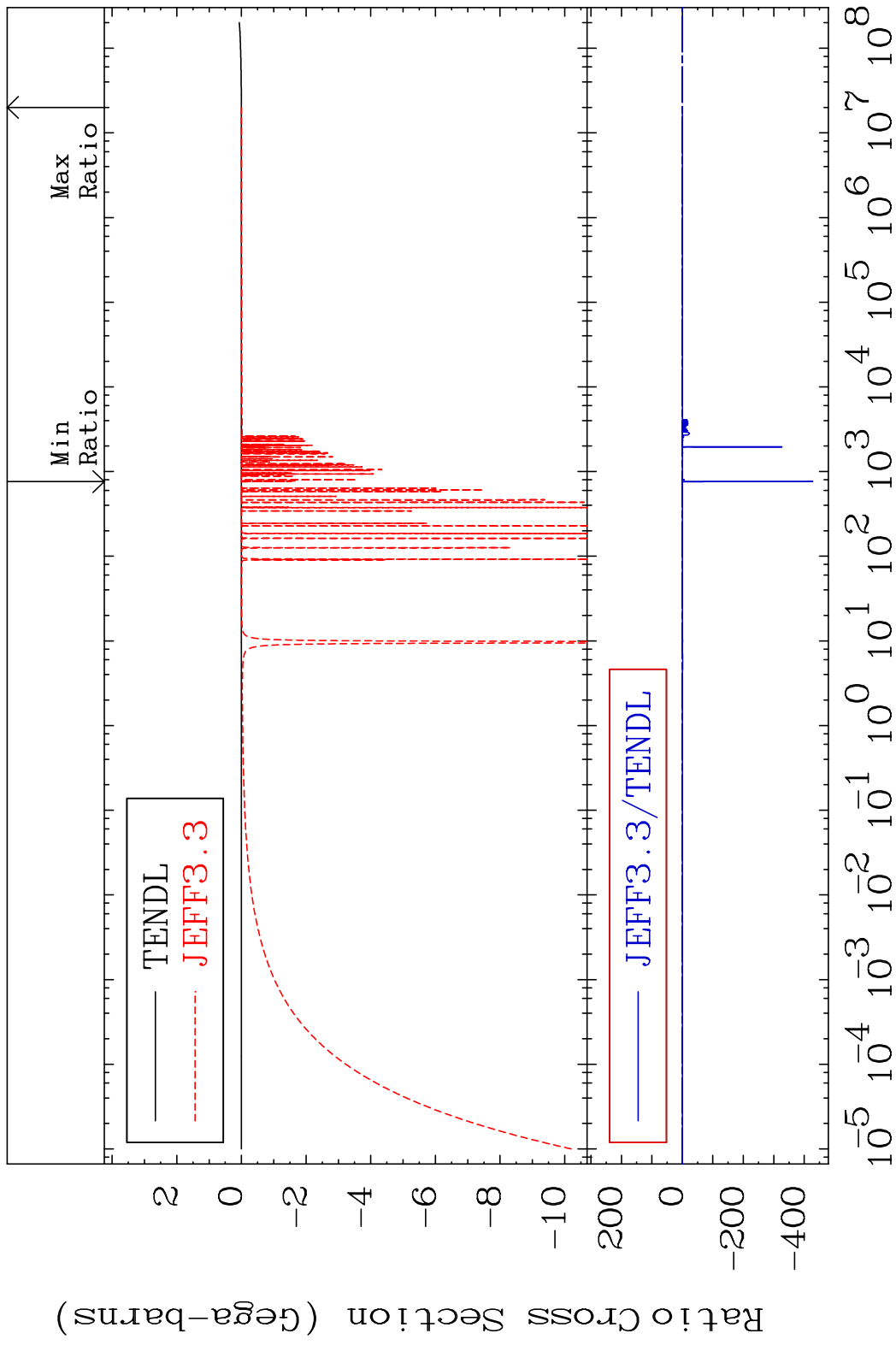


33

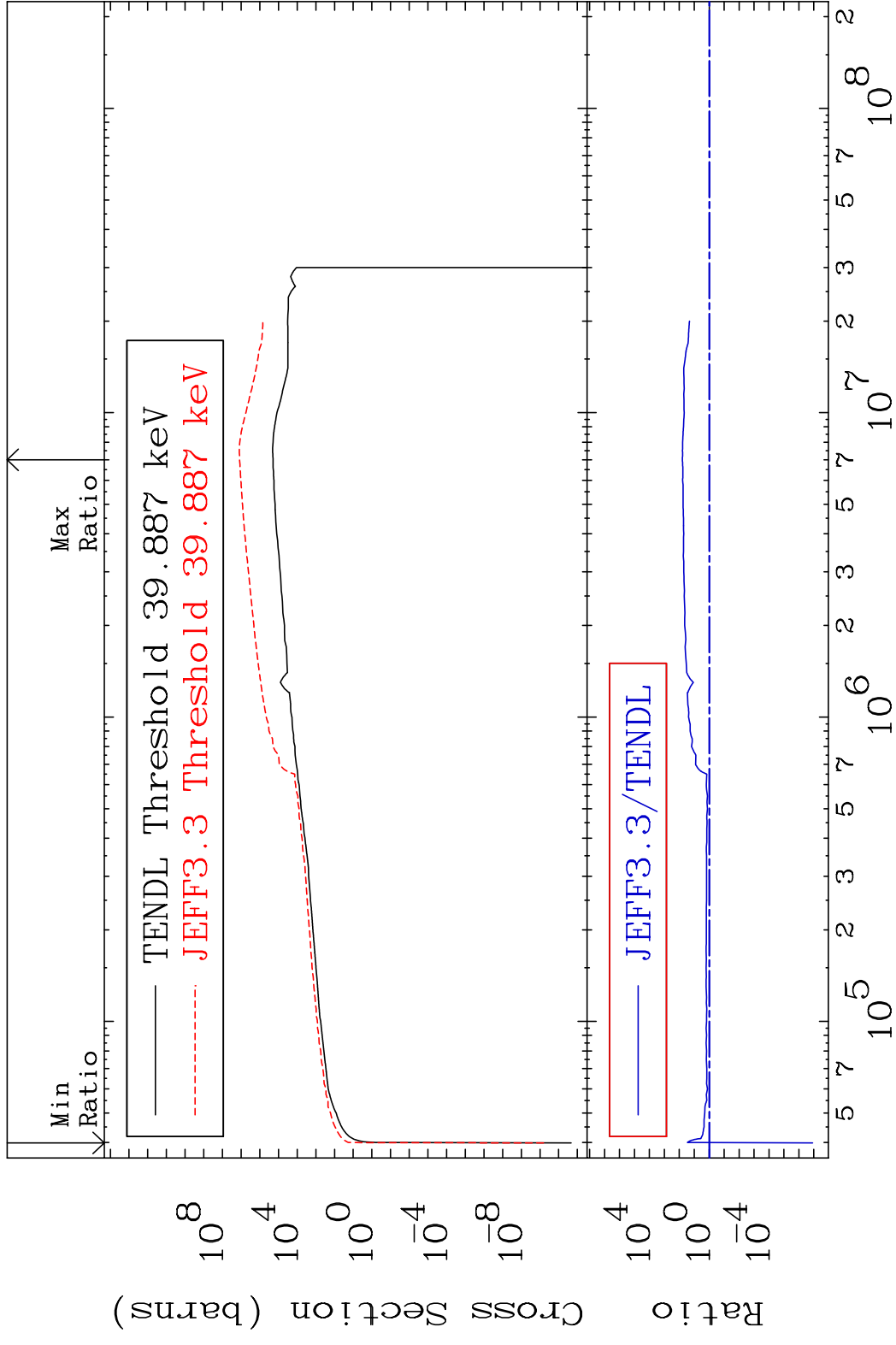
Incident Energy (eV)

54-Xe-129

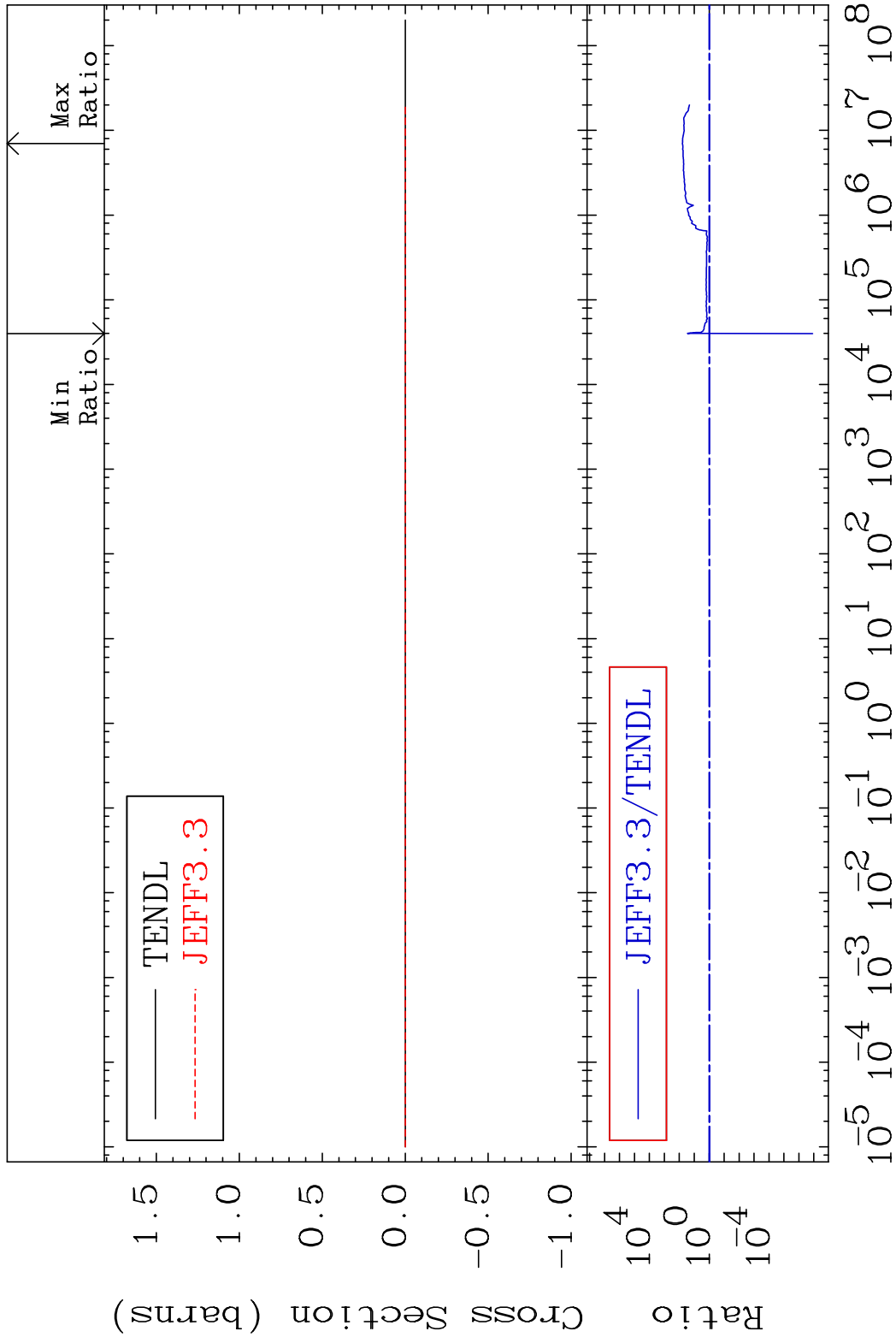
MAT 5440 Kerma non-elastic (all but mt2) 54-Xe-129
 Cross Section -9999. To -13.59%



MAT 5440 Kerma inelastic (mt51-91) 54-Xe-129
 Cross Section -100.0 To 6147. %



MAT 5440 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-129
 Cross Section -100.0 To 6147. %

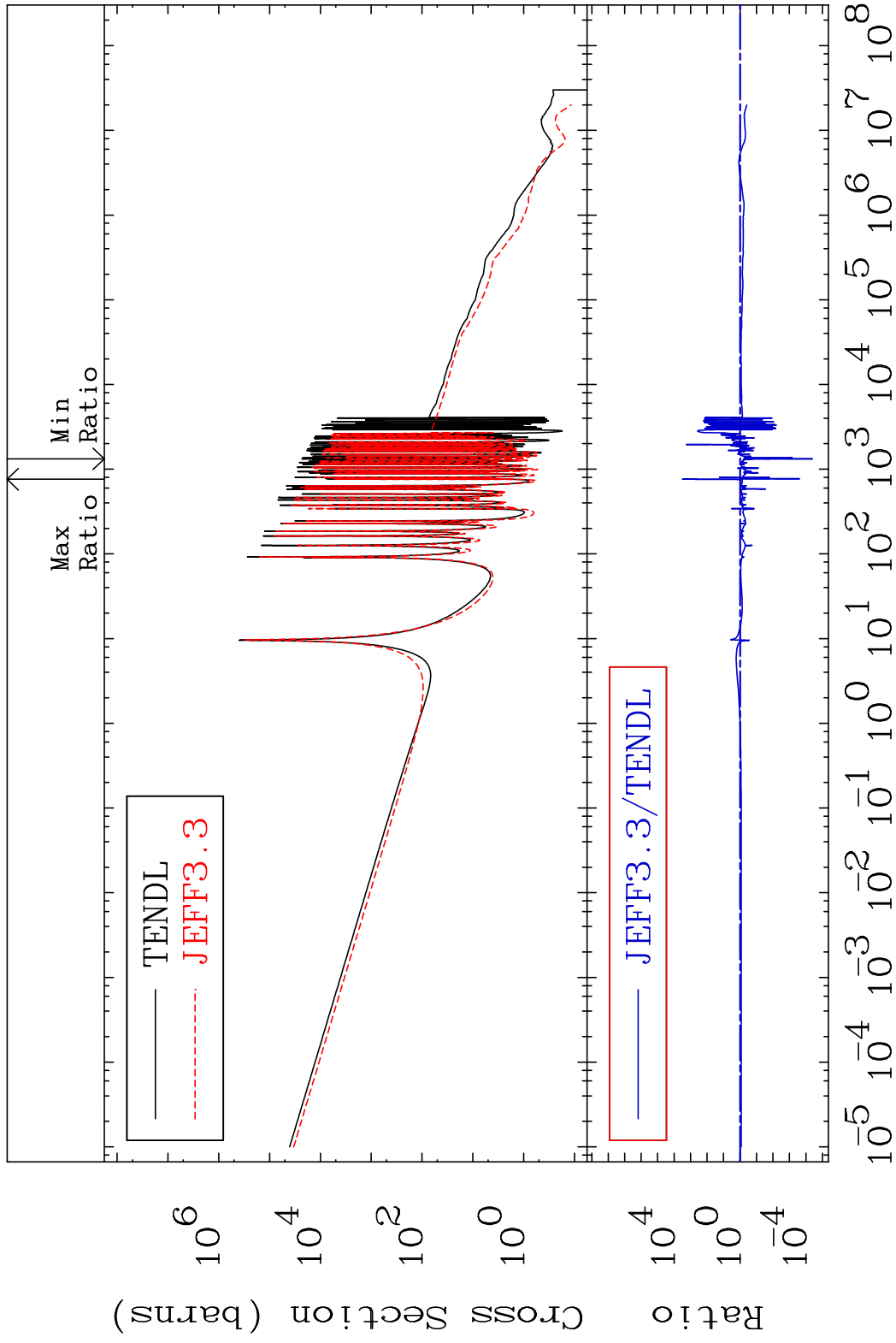


MAT 5440

Kerma capture (mt102)

54-Xe-129

Cross Section -100.0 To 9999. %

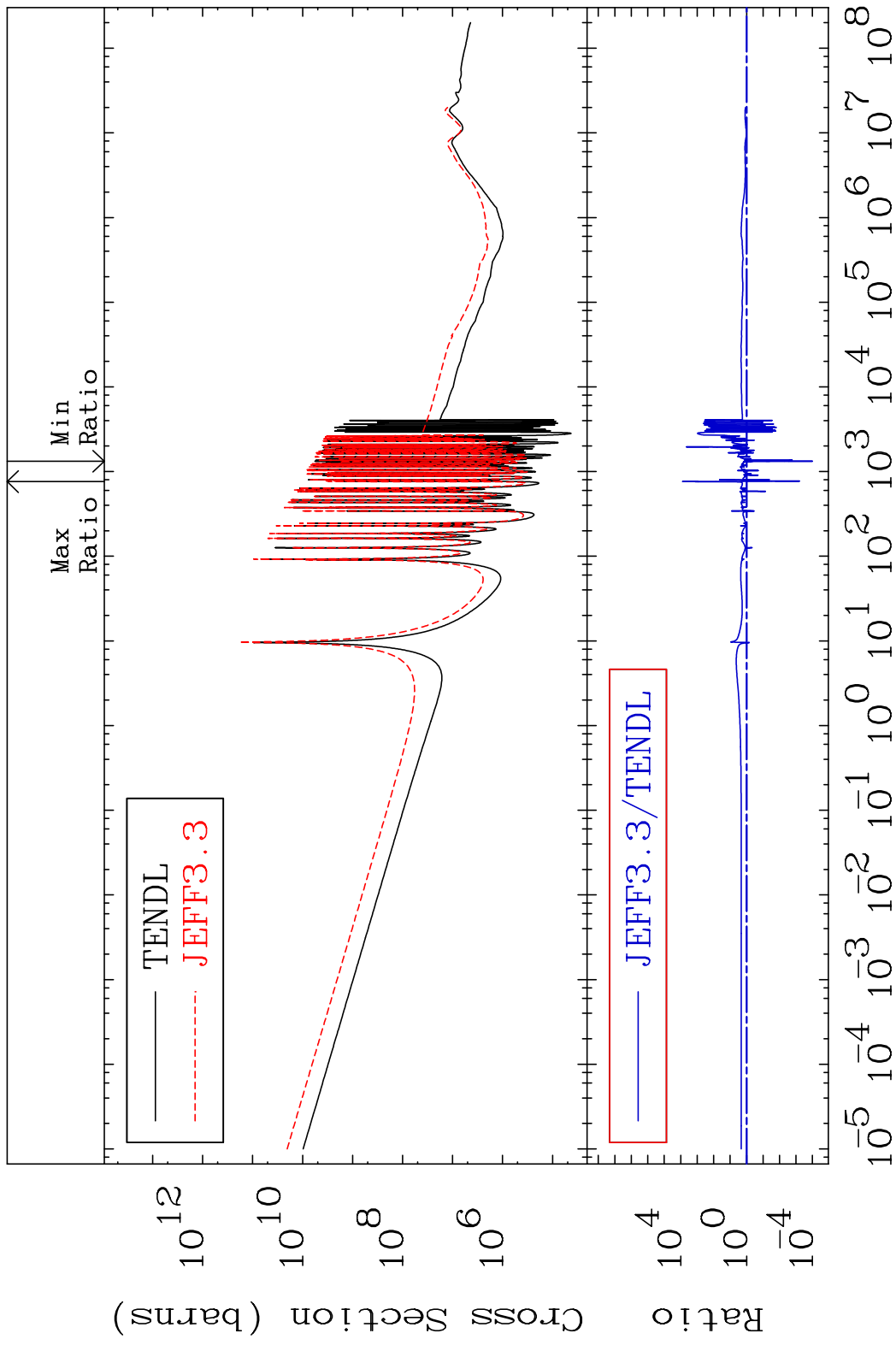


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Incident Energy (eV)

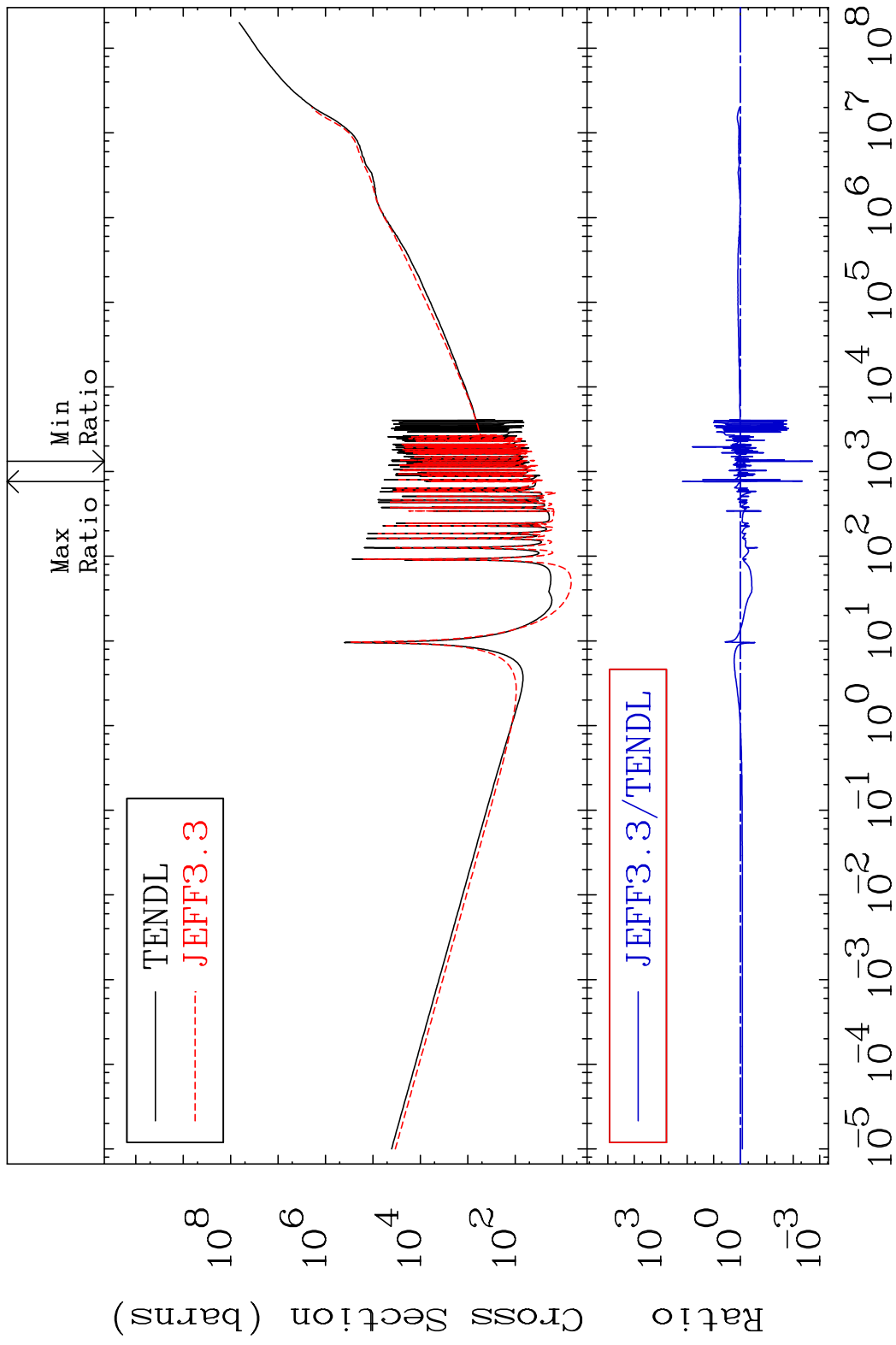
54-Xe-129

MAT 5440 Total photon (eV-barns) 54-Xe-129
 Cross Section -99.99 To 9999. %



38 Incident Energy (eV) 54-Xe-129

MAT 5440 Total kinematic kerma (high limit) 54-Xe-129
 Cross Section -99.81 To 9999. %

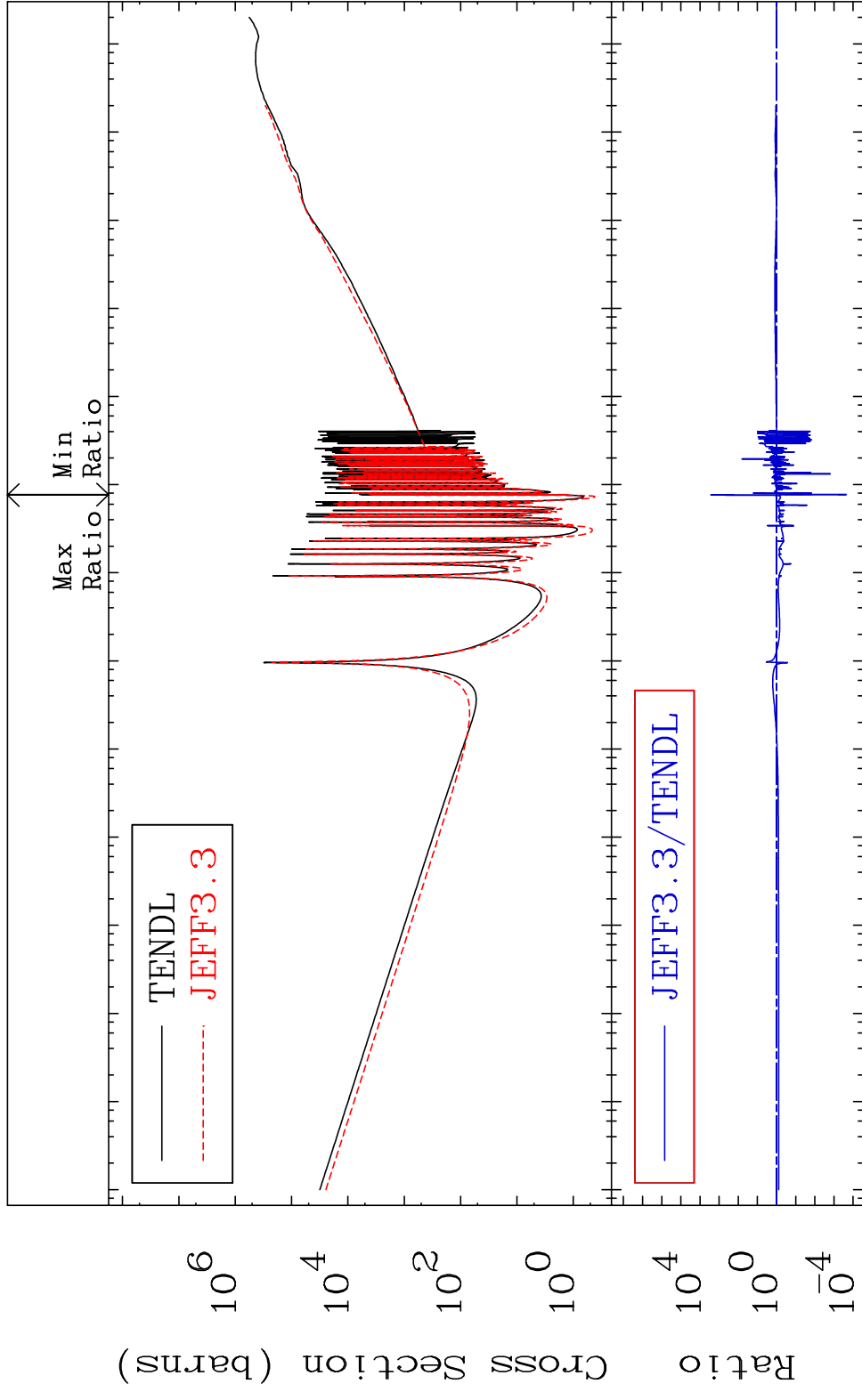


MAT 5440

Dpa total (eV-barns)

54-Xe-129

Cross Section -99.98 To 9999. %



40

Incident Energy (eV)

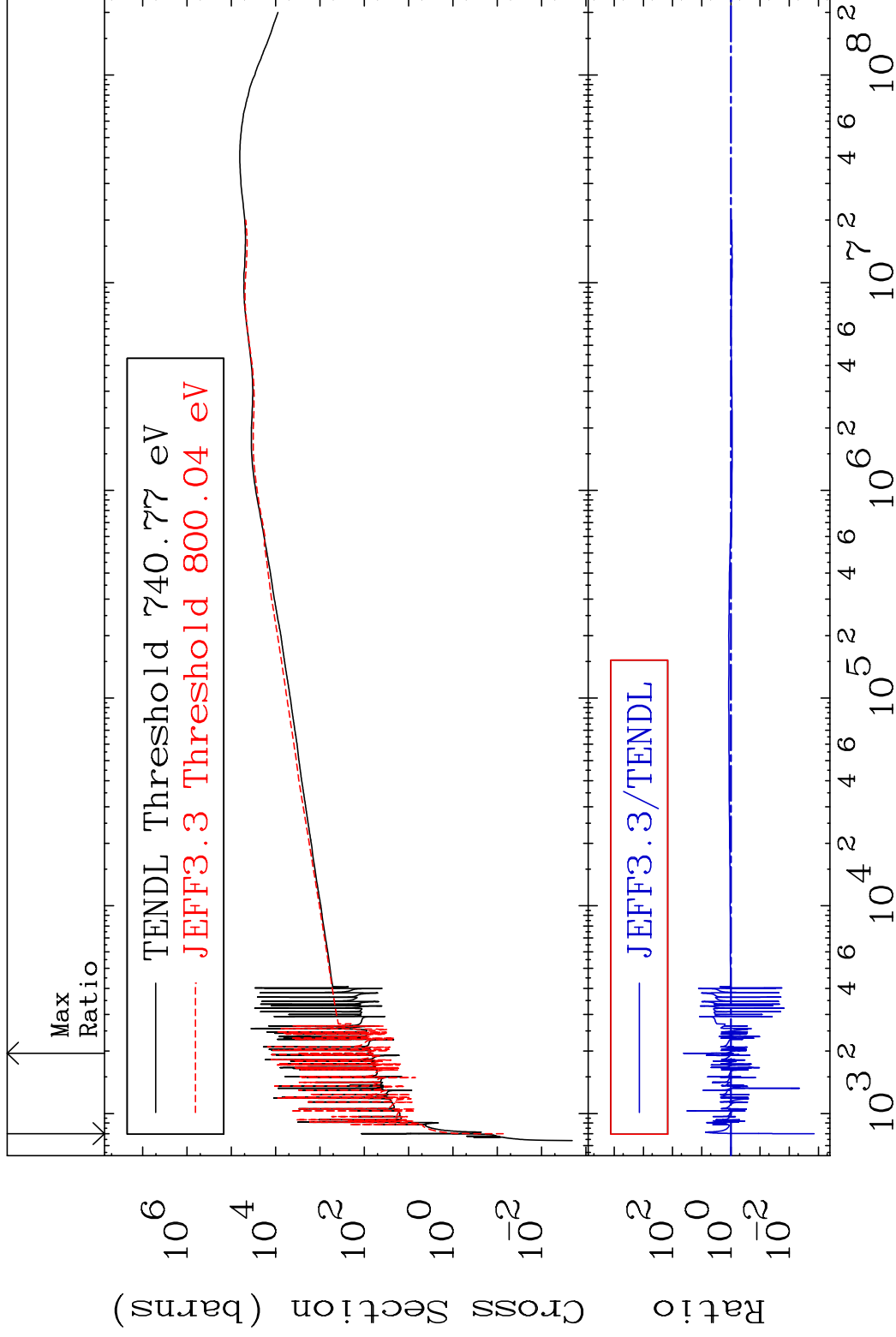
54-Xe-129

MAT 5440

Dpa elastic (mt2)

54-Xe-129

Cross Section -99.86 To 4080. %

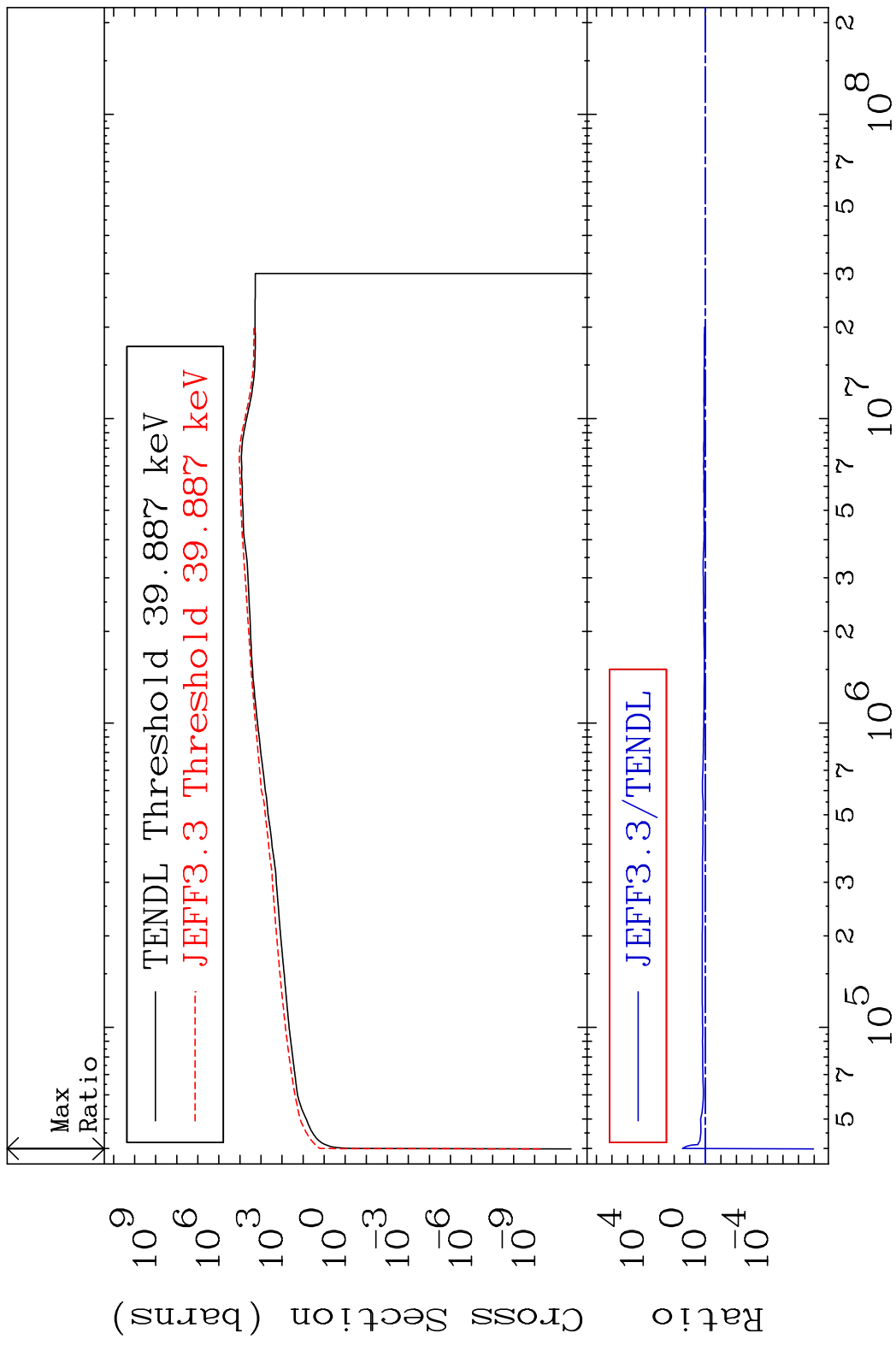


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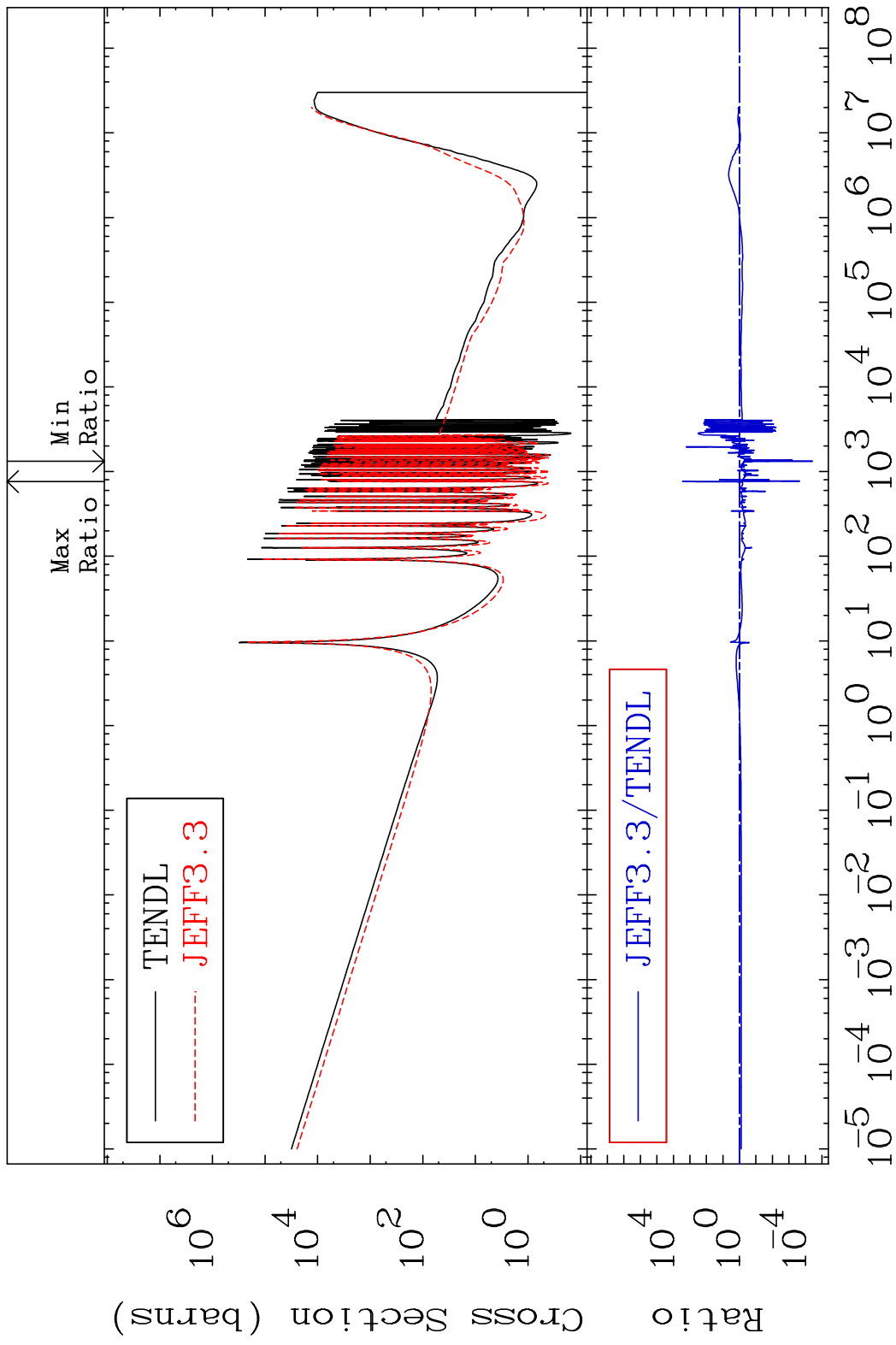
Incident Energy (eV)

54-Xe-129

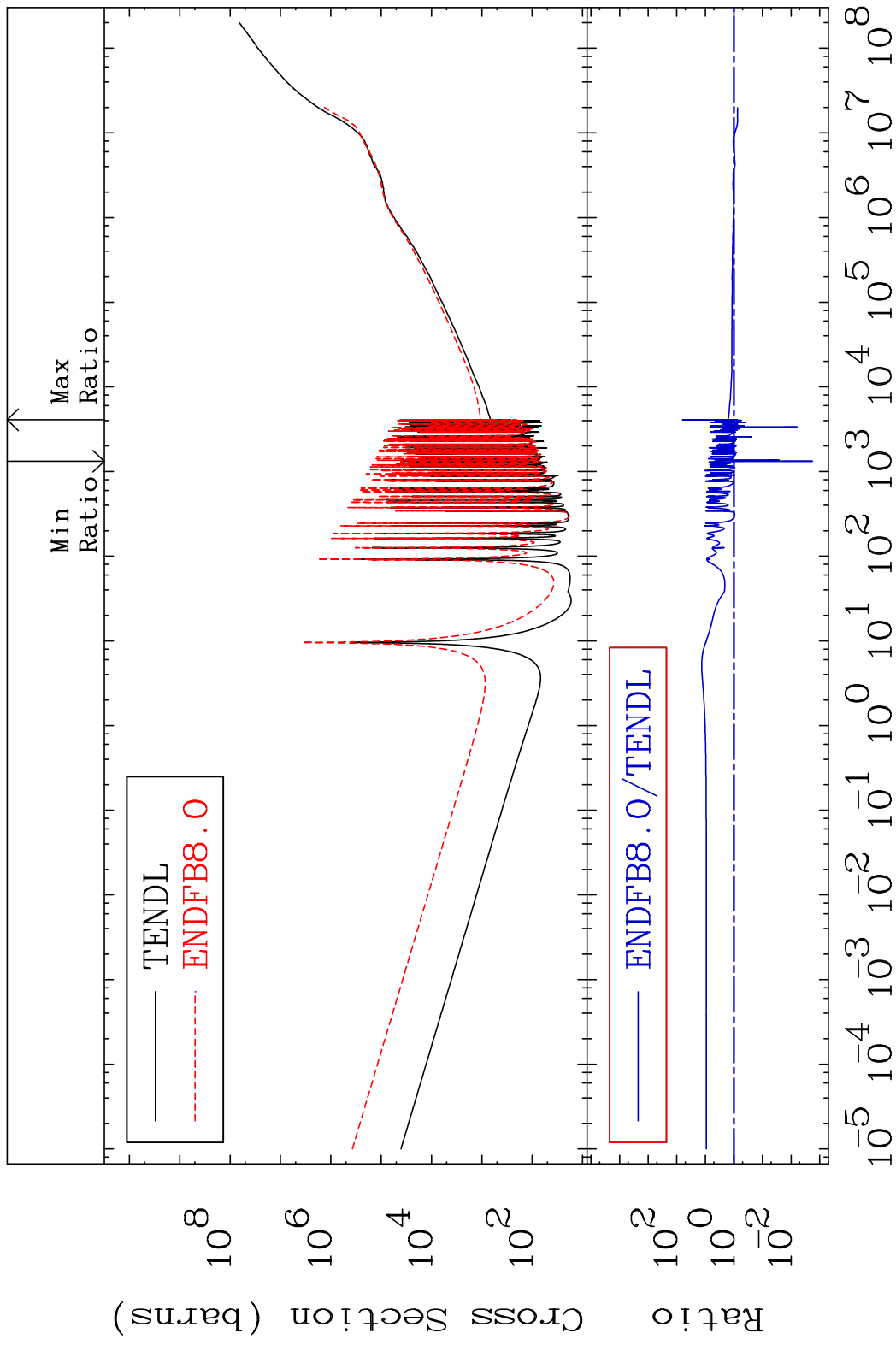
MAT 5440 Dpa inelastic (mt51-91) 54-Xe-129
 Cross Section -100.0 To 2884. %



MAT 5440 Dpa disappearance (mt102 -120) 54-Xe-129
 Cross Section -100.0 To 9999. %



MAT 5440 Total kinematic kerma (high limit) 54-Xe-129
 Cross Section -99.82 To 6273. %

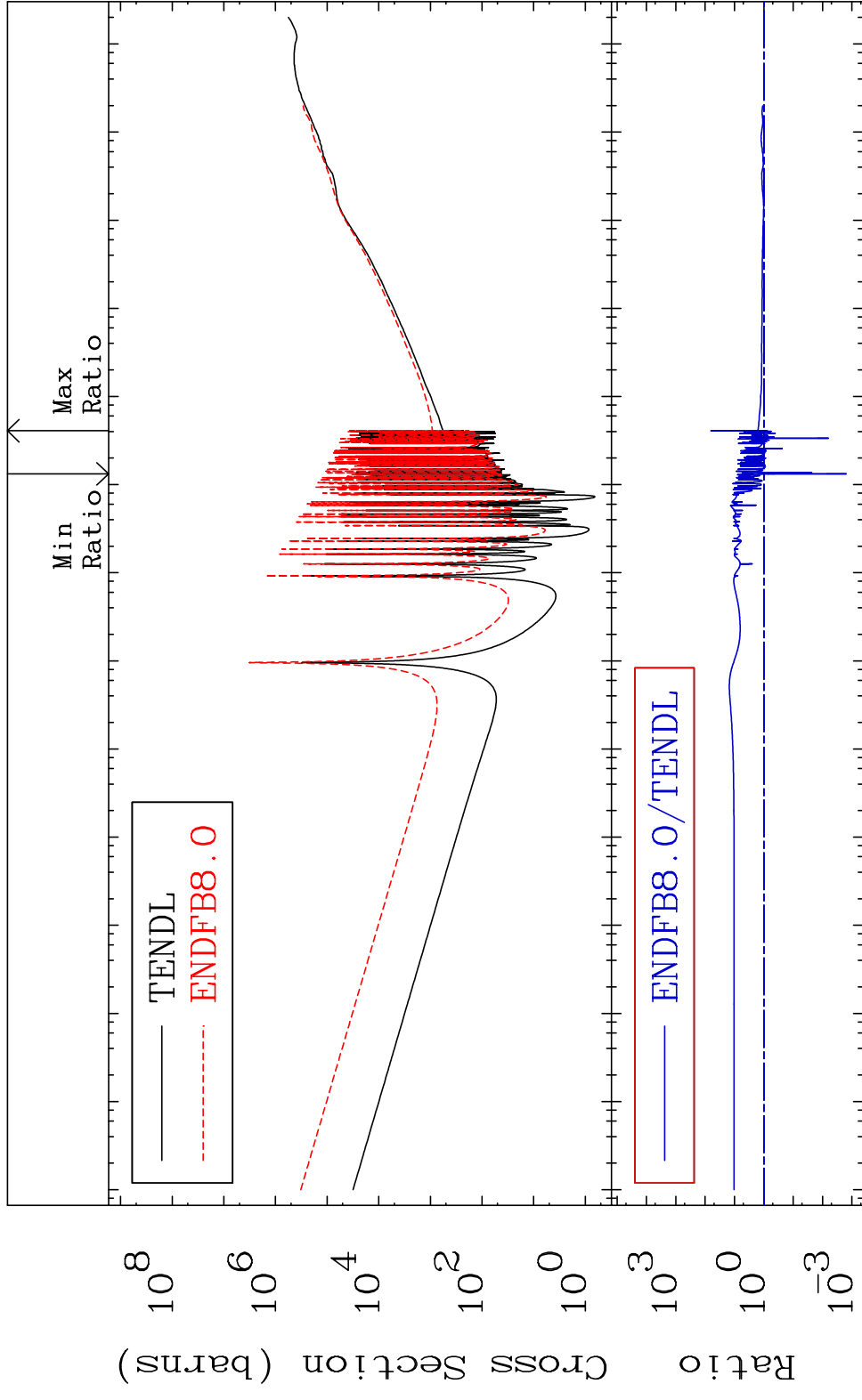


MAT 5440

Dpa total (eV-barns)

54-Xe-129

Cross Section -99.84 To 6360. %



45

Incident Energy (eV)

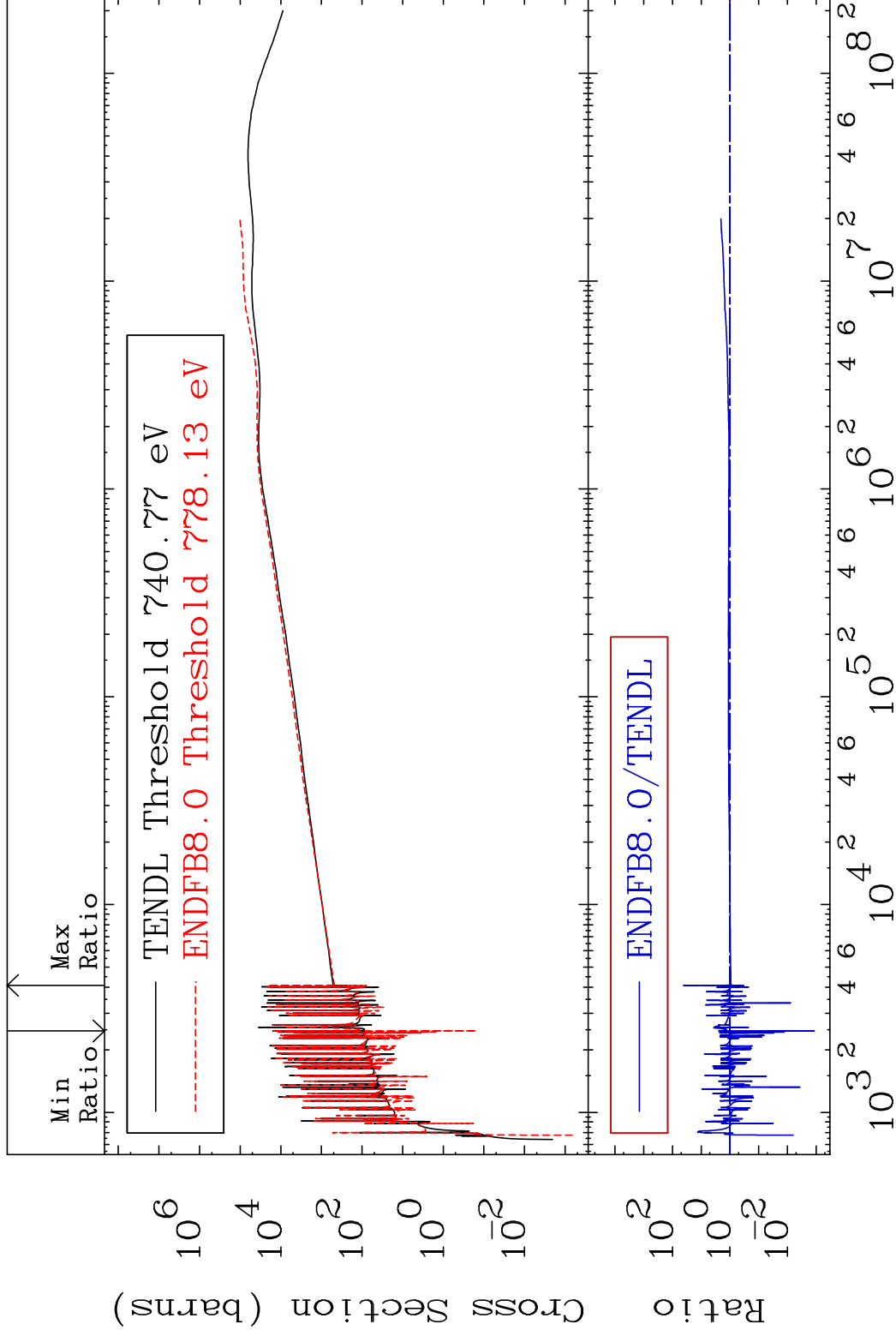
54-Xe-129

MAT 5440

Dpa elastic (mt2)

54-Xe-129

Cross Section -99.88 To 3973. %

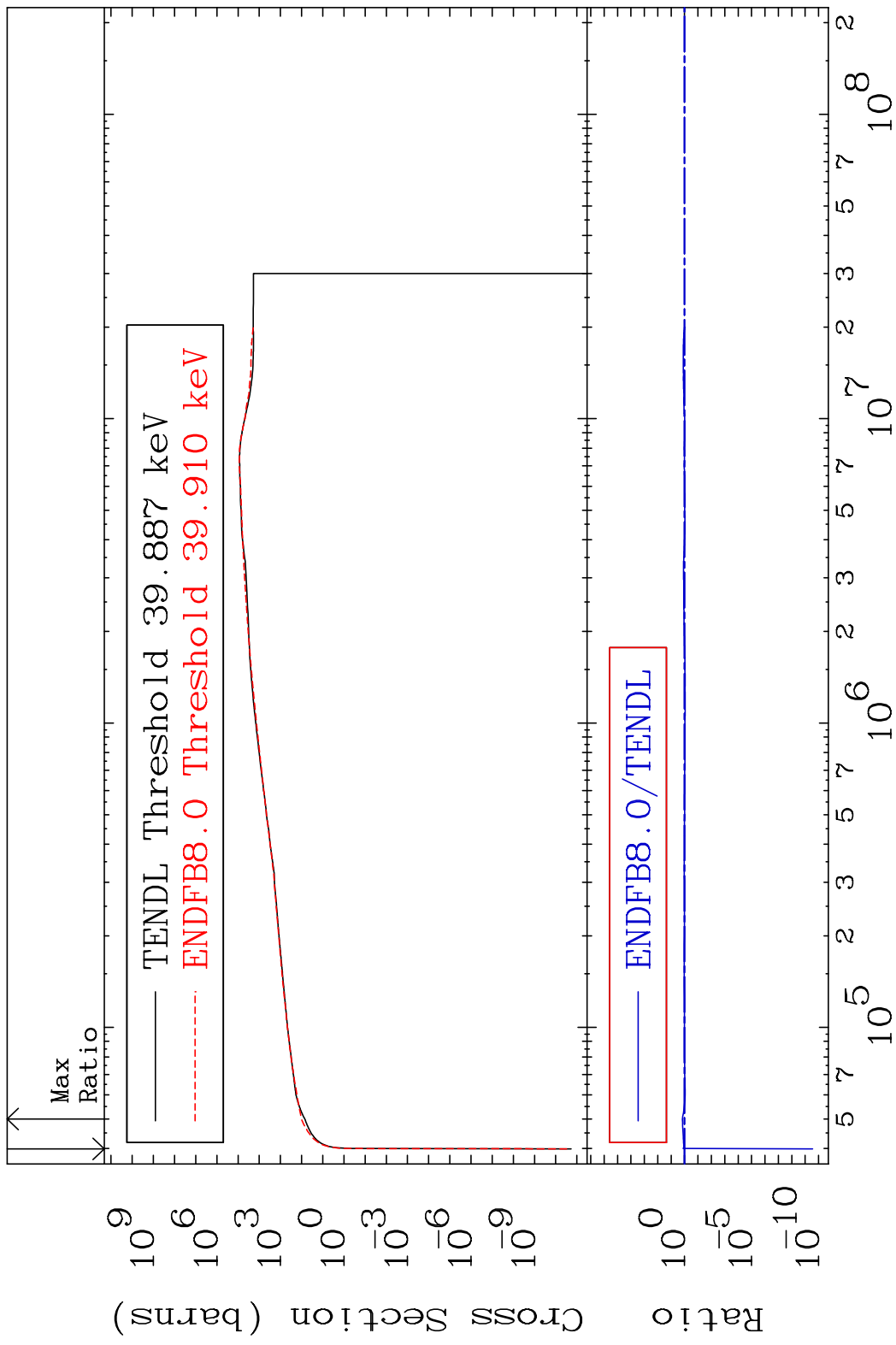


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Incident Energy (eV)

54-Xe-129

MAT 5440 Dpa inelastic (mt51-91) 54-Xe-129
 Cross Section -100.0 To 45.69 %



MAT 5440 Dpa disappearance (mt102 -120) 54-Xe-129
 Cross Section -99.95 To 9999. %

