

Program Complot
(Version 2021-1)

by

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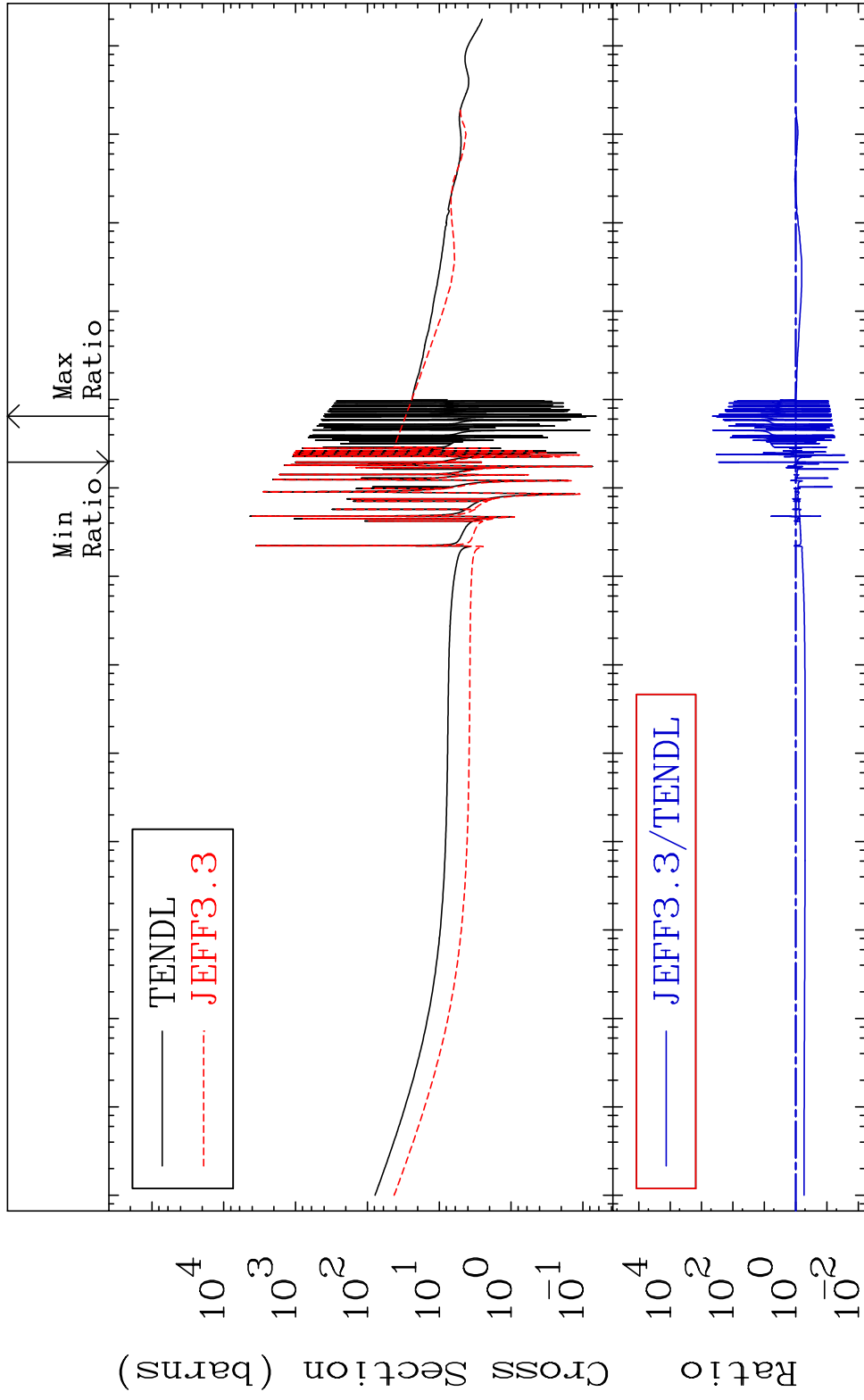
Press Mouse Button to Start

MAT 6449

Total

64-Gd-160

Cross Section -97.91 To 9999. %



1

Incident Energy (eV)

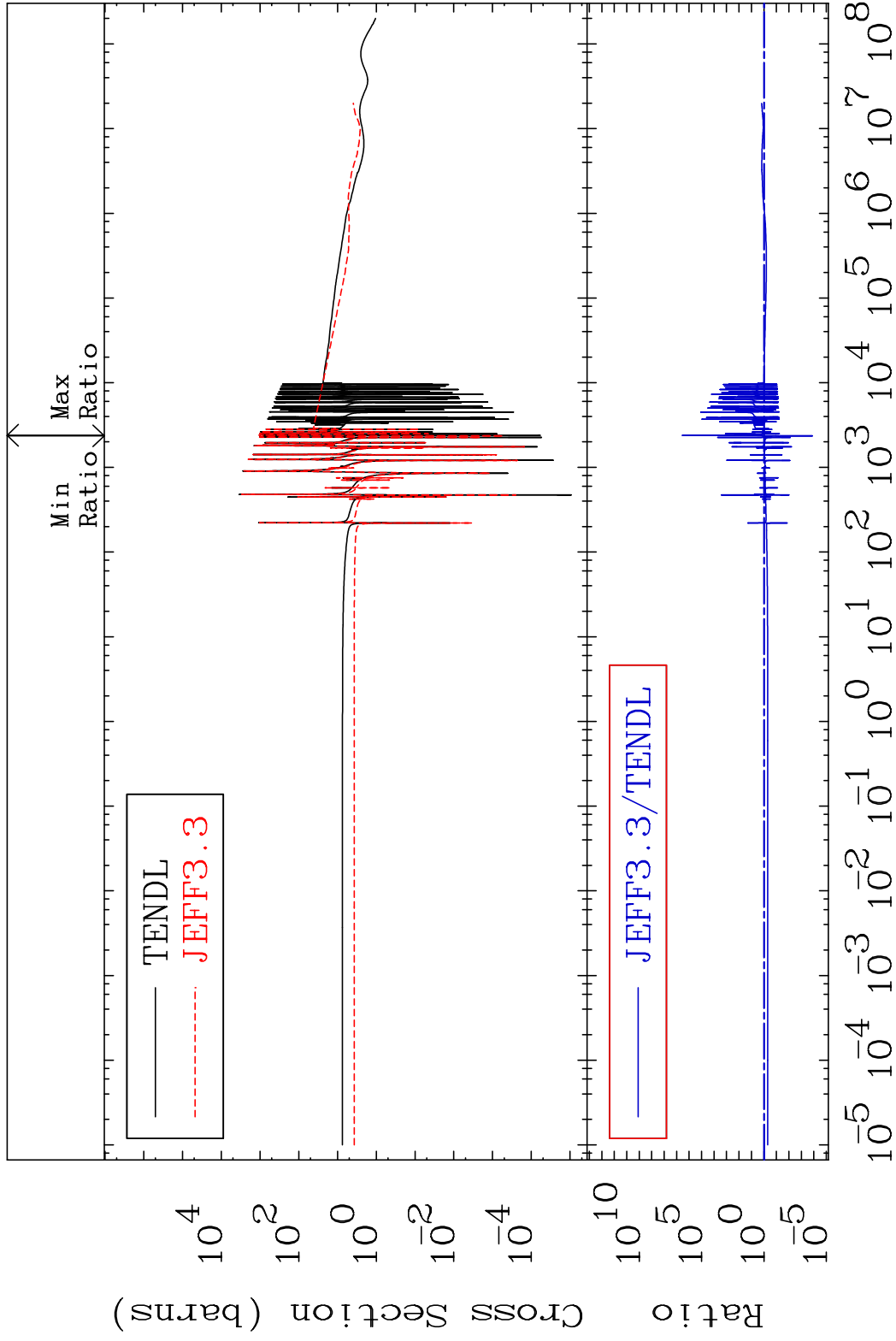
64-Gd-160

MAT 6449

Elastic

64-Gd-160

Cross Section -99.99 To 9999. %

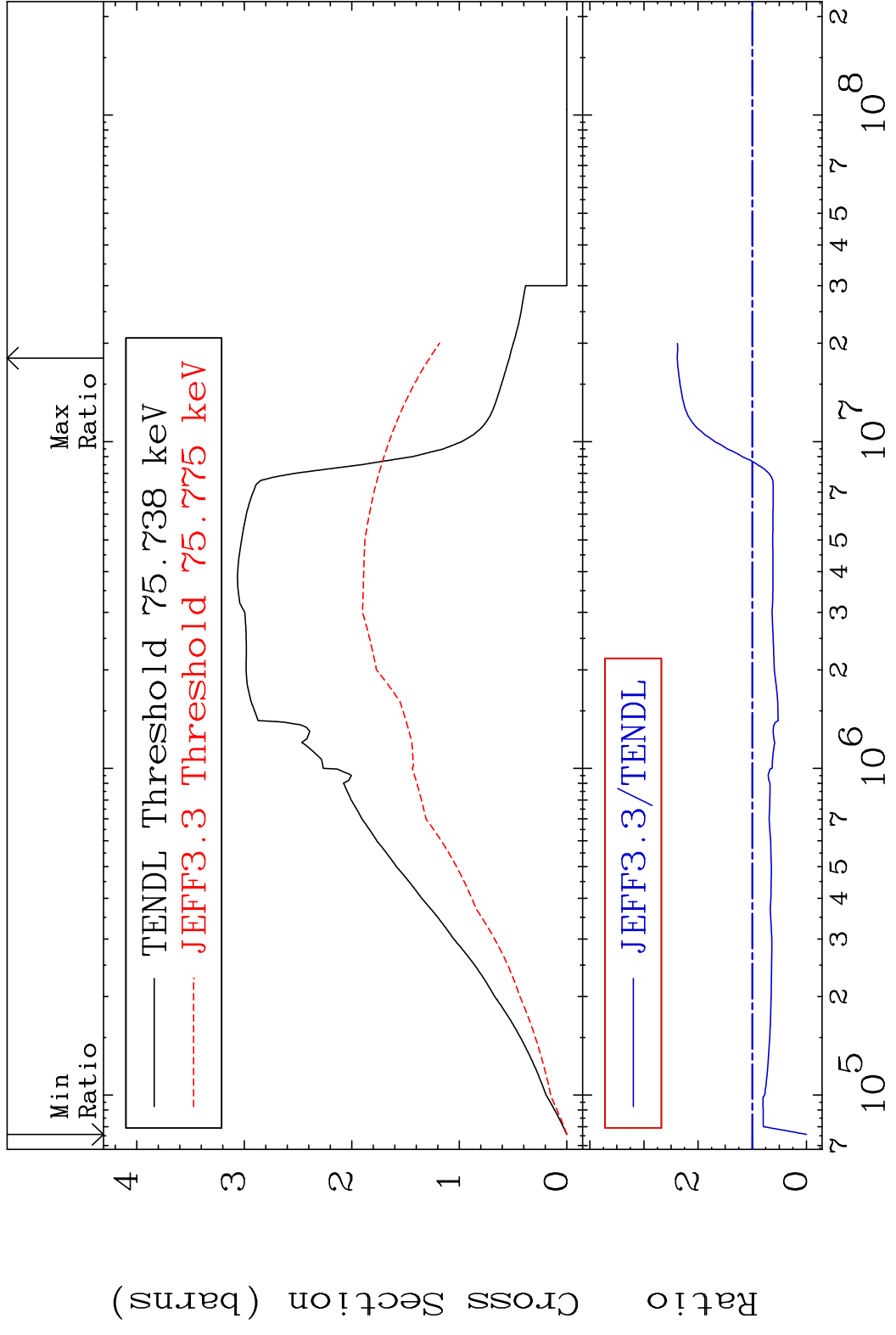


2

Incident Energy (eV)

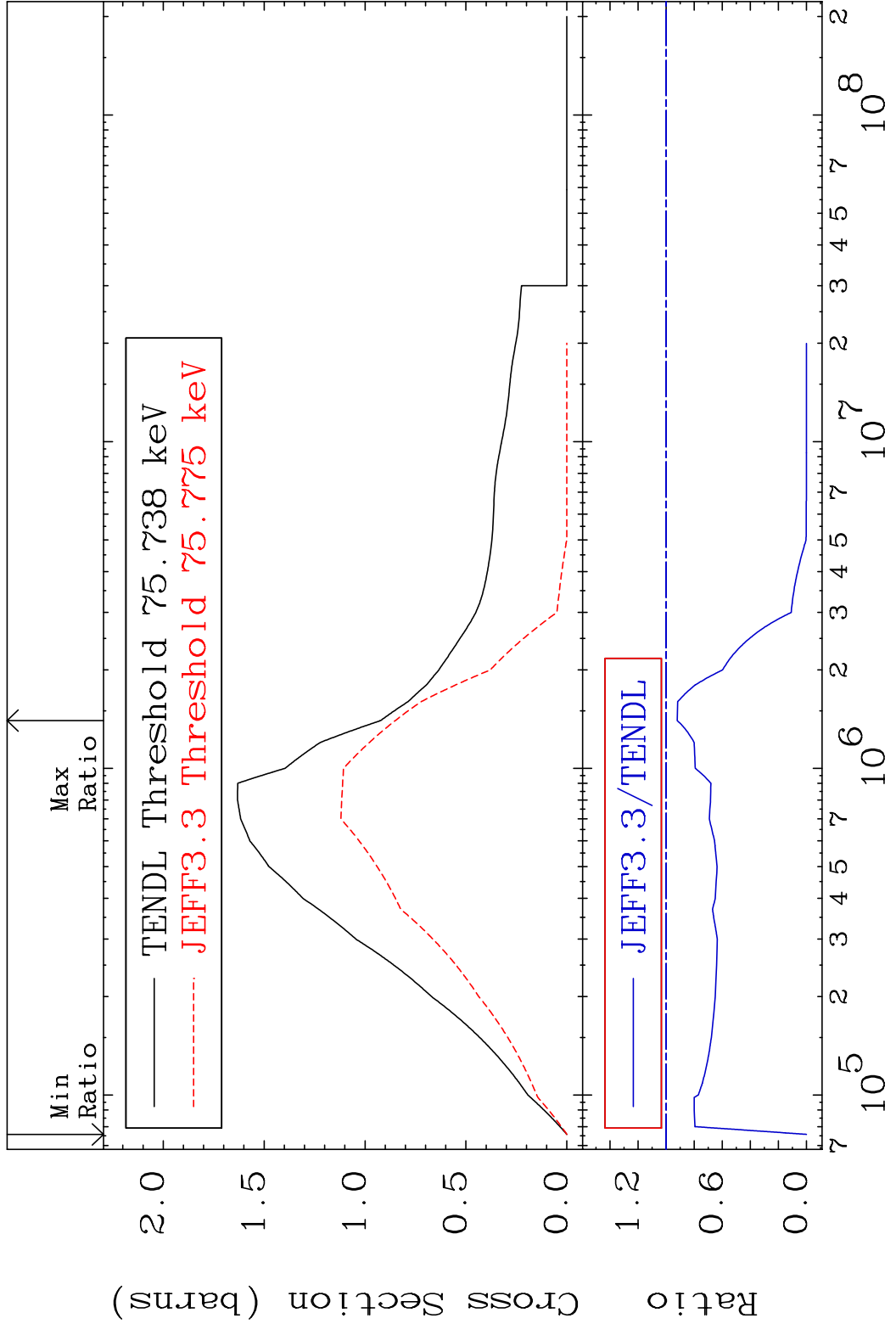
64-Gd-160

MAT 6449 Inelastic 64-Gd-160
 Cross Section -100.0 To 138.6 %



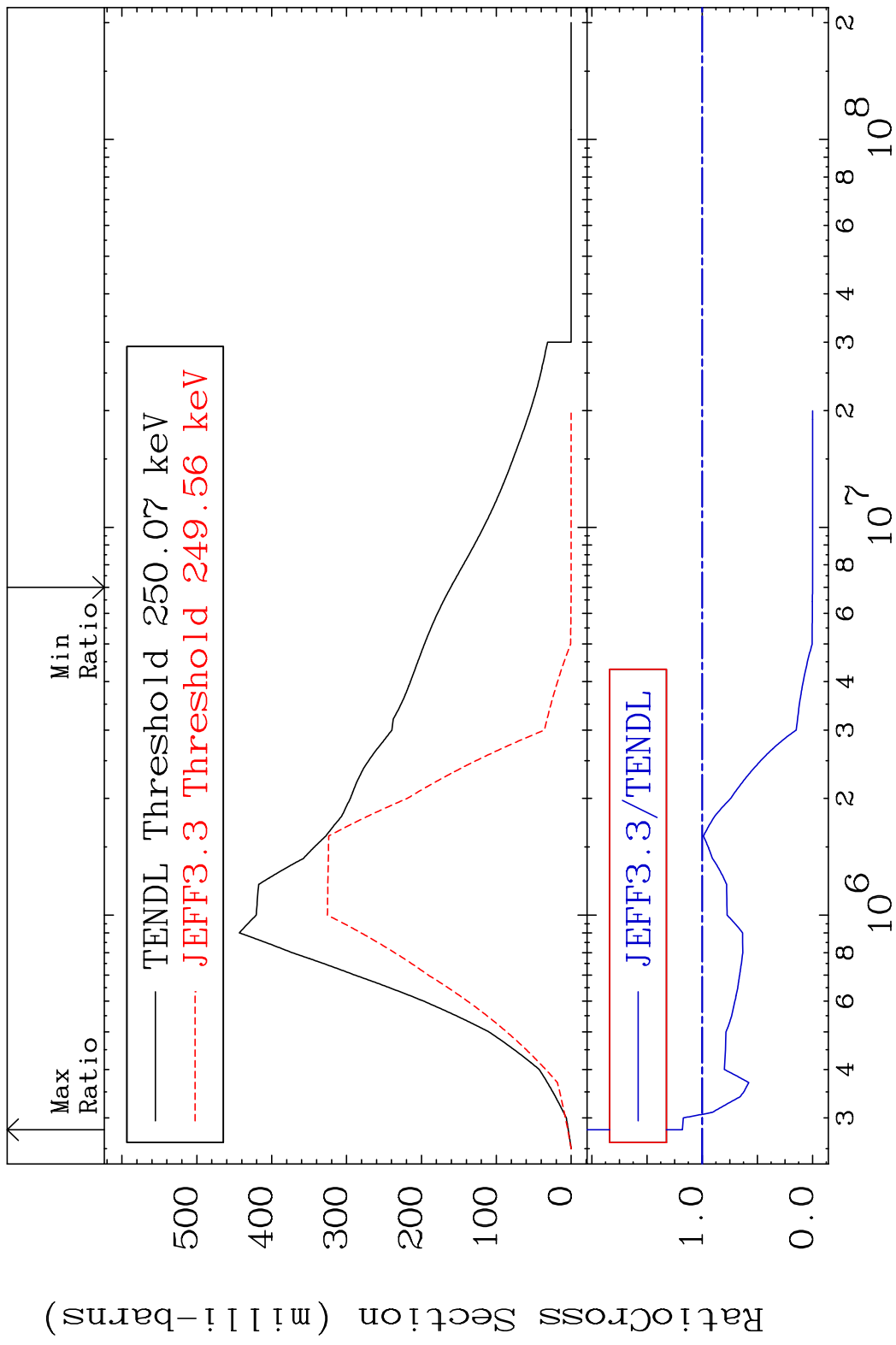
3 64-Gd-160

MAT 6449 MT= 51 (n, n') Level 64-Gd-160
 Cross Section -100.0 To -7.867%

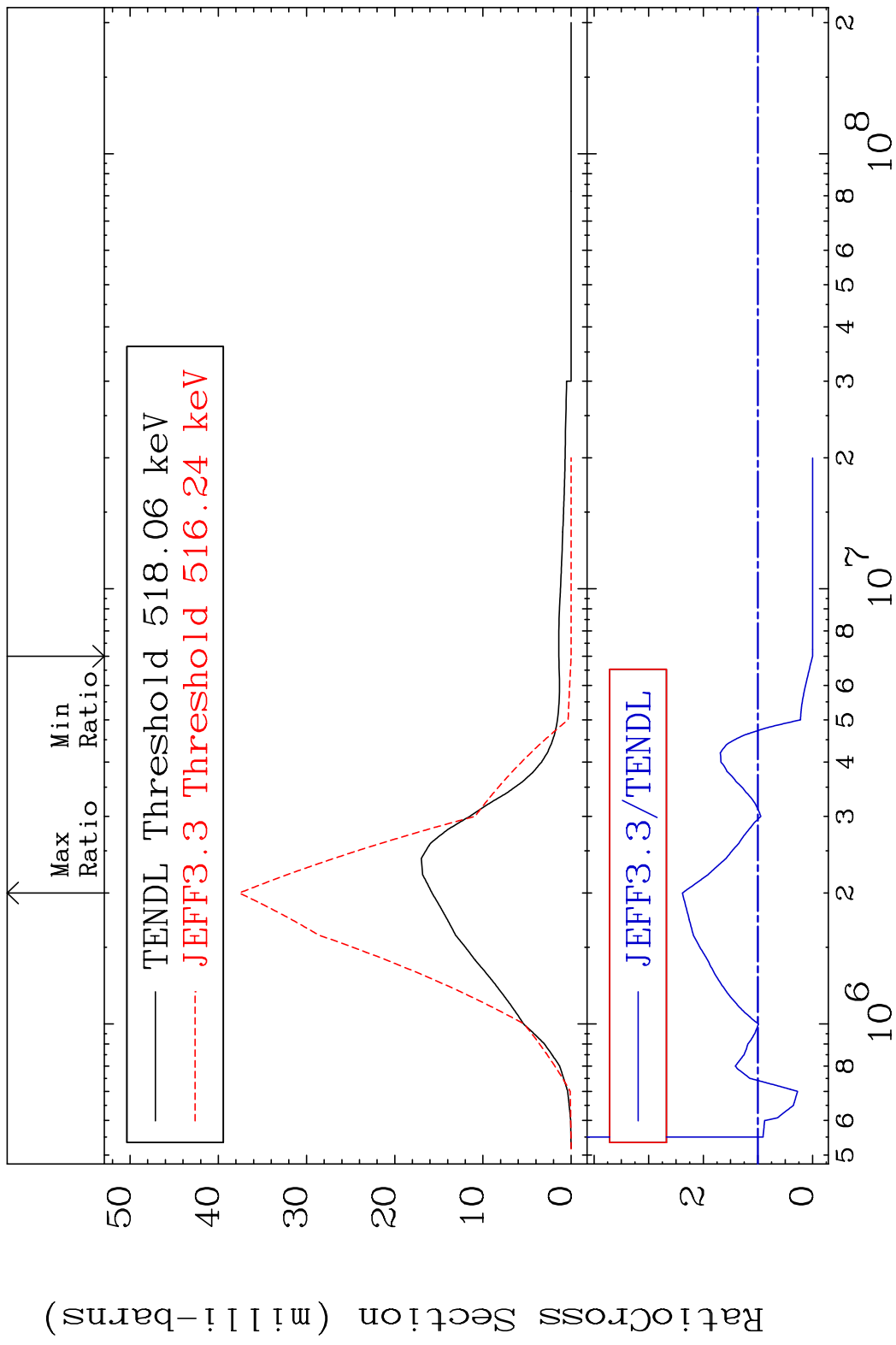


4 Incident Energy (eV) 64-Gd-160

MAT 6449 MT= 52 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 17.93 %



MAT 6449 MT= 53 (n, n') Level 64-Gd-160
 Cross Section -100.0 To 138.3 %



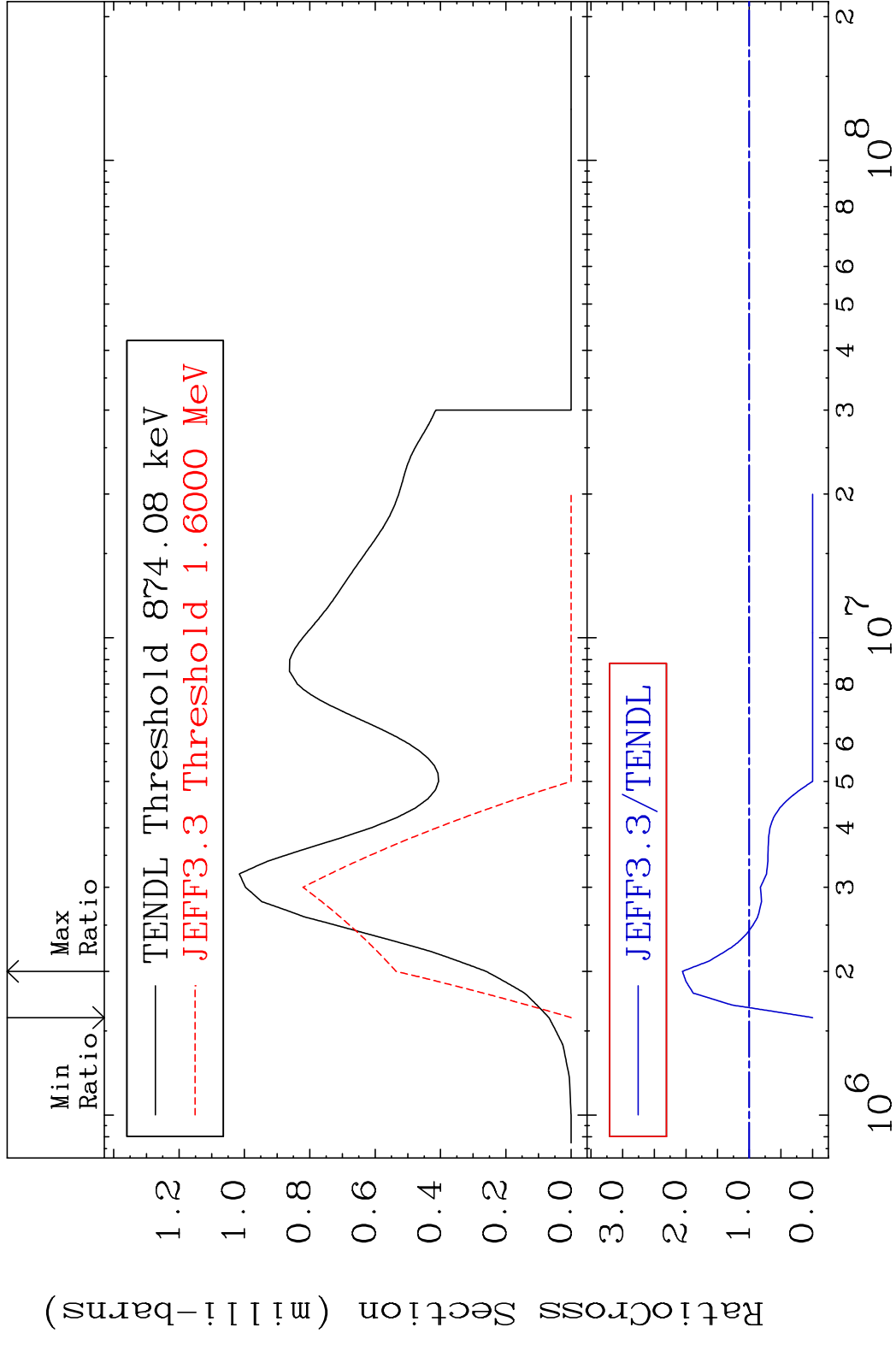
6 Incident Energy (eV) 64-Gd-160

MAT 6449

MT= 54 (n, n') Level

64-Gd-160

Cross Section -100.0 To 105.7 %

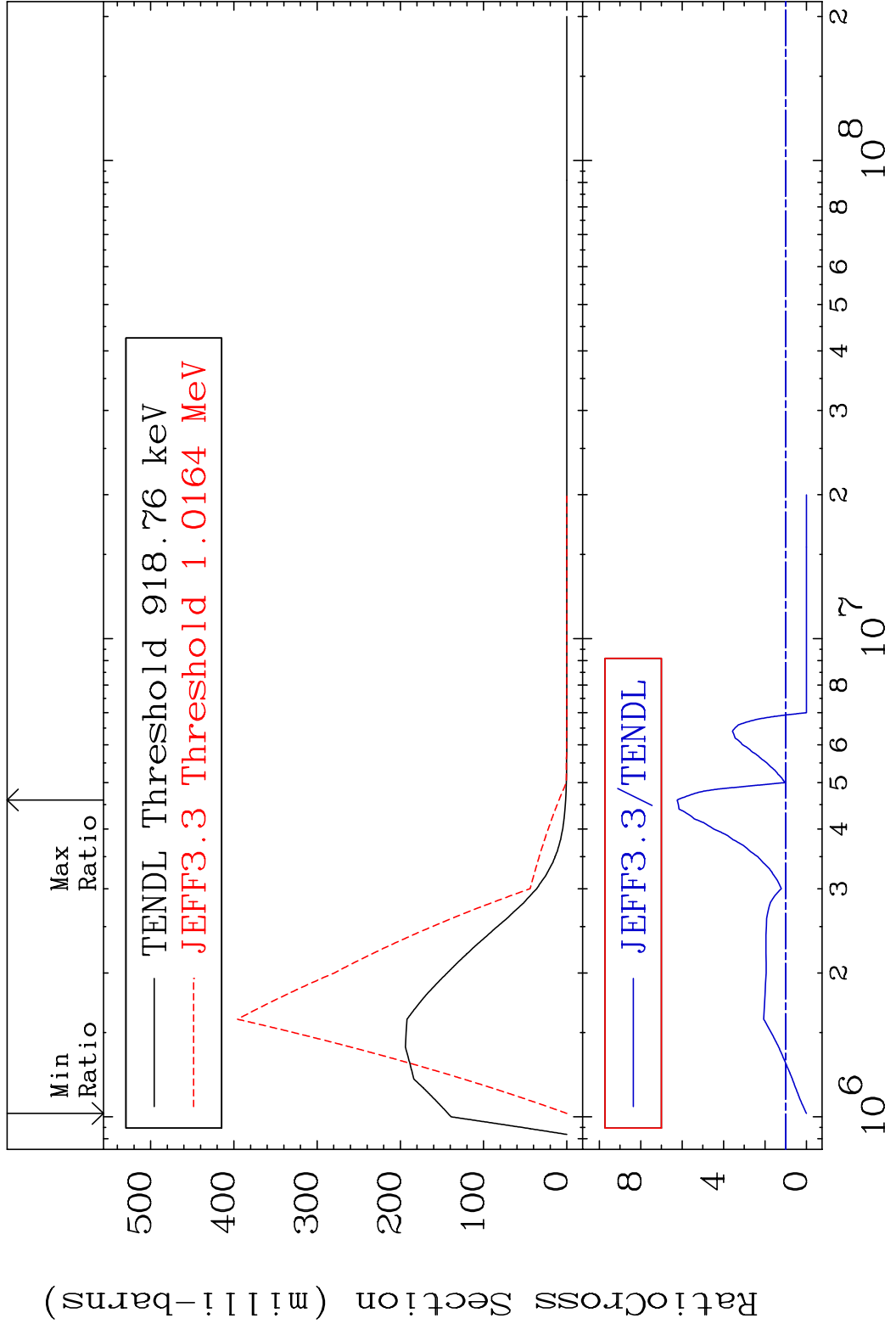


7

Incident Energy (eV)

64-Gd-160

MAT 6449 MT= 55 (n,n') Level 64-Gd-160
 Cross Section -100.0 To 524.0 %



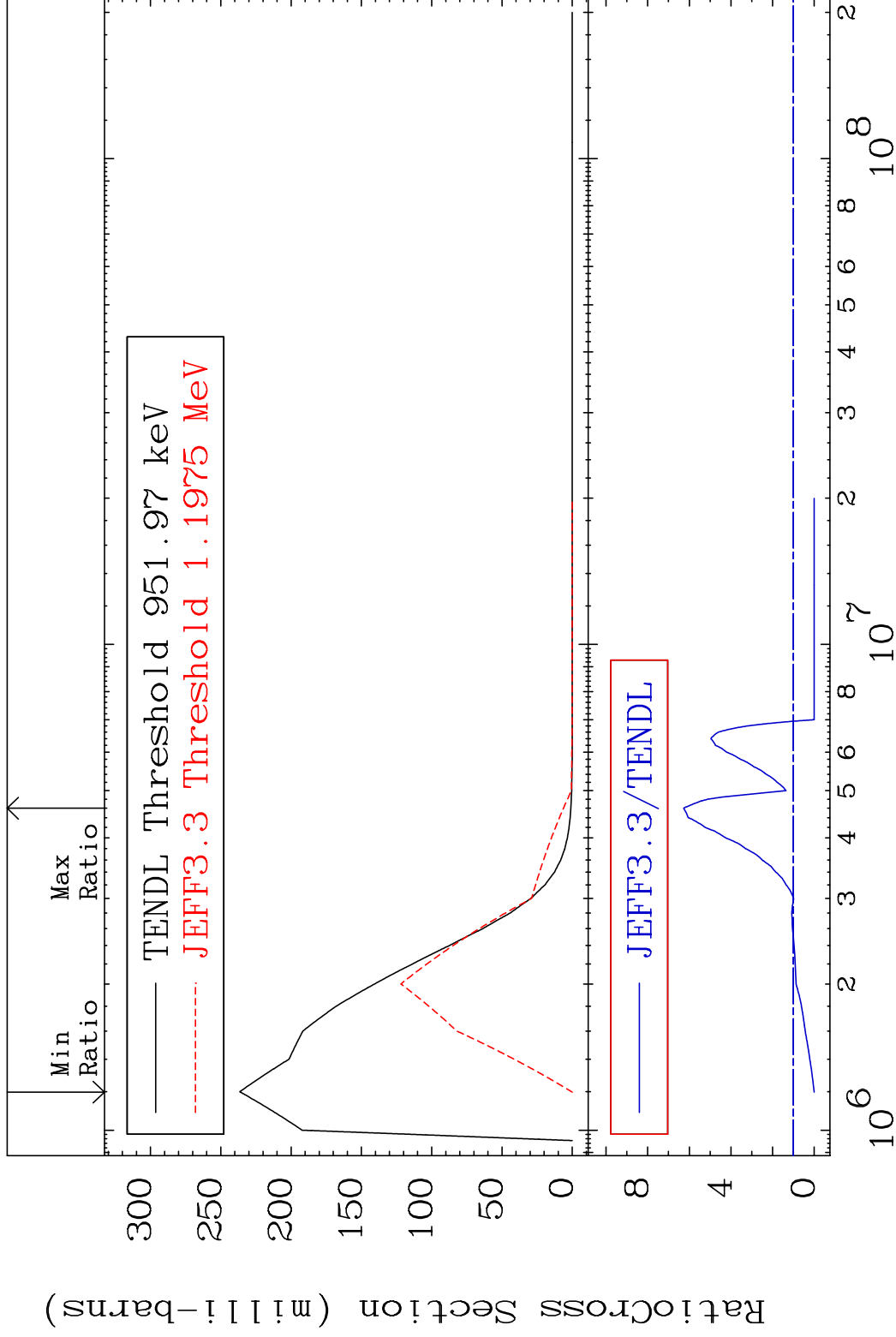
8 2 3 4 5 6 8 10⁶ 10⁷ 10⁸ 64-Gd-160

MAT 6449

MT= 56 (n, n') Level

64-Gd-160

Cross Section -100.0 To 527.1 %



9

Incident Energy (eV)

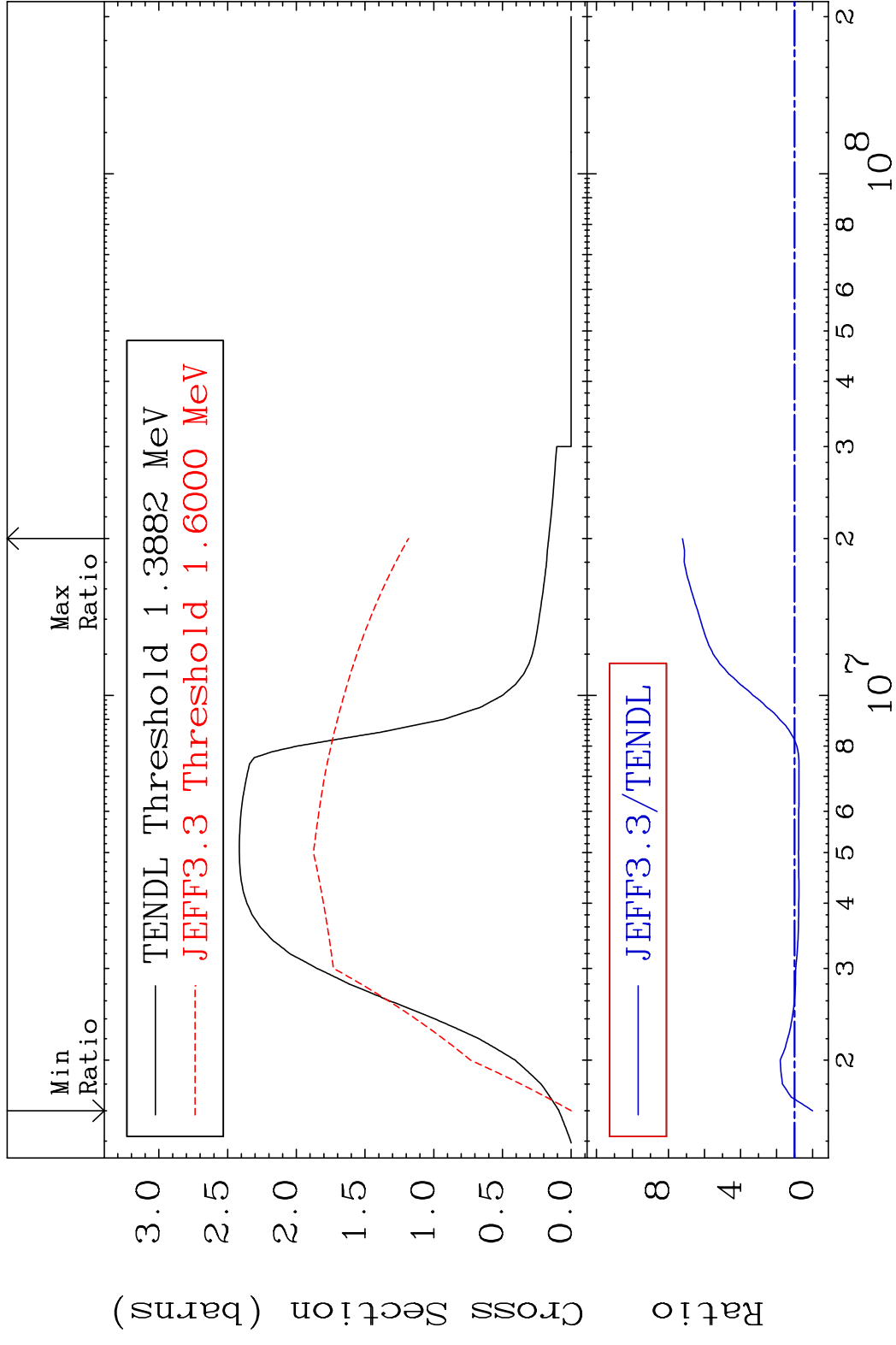
64-Gd-160

MAT 6449

(n, n') Continuum

64-Gd-160

Cross Section -100.0 To 622.9 %



10

Incident Energy (eV)

64-Gd-160

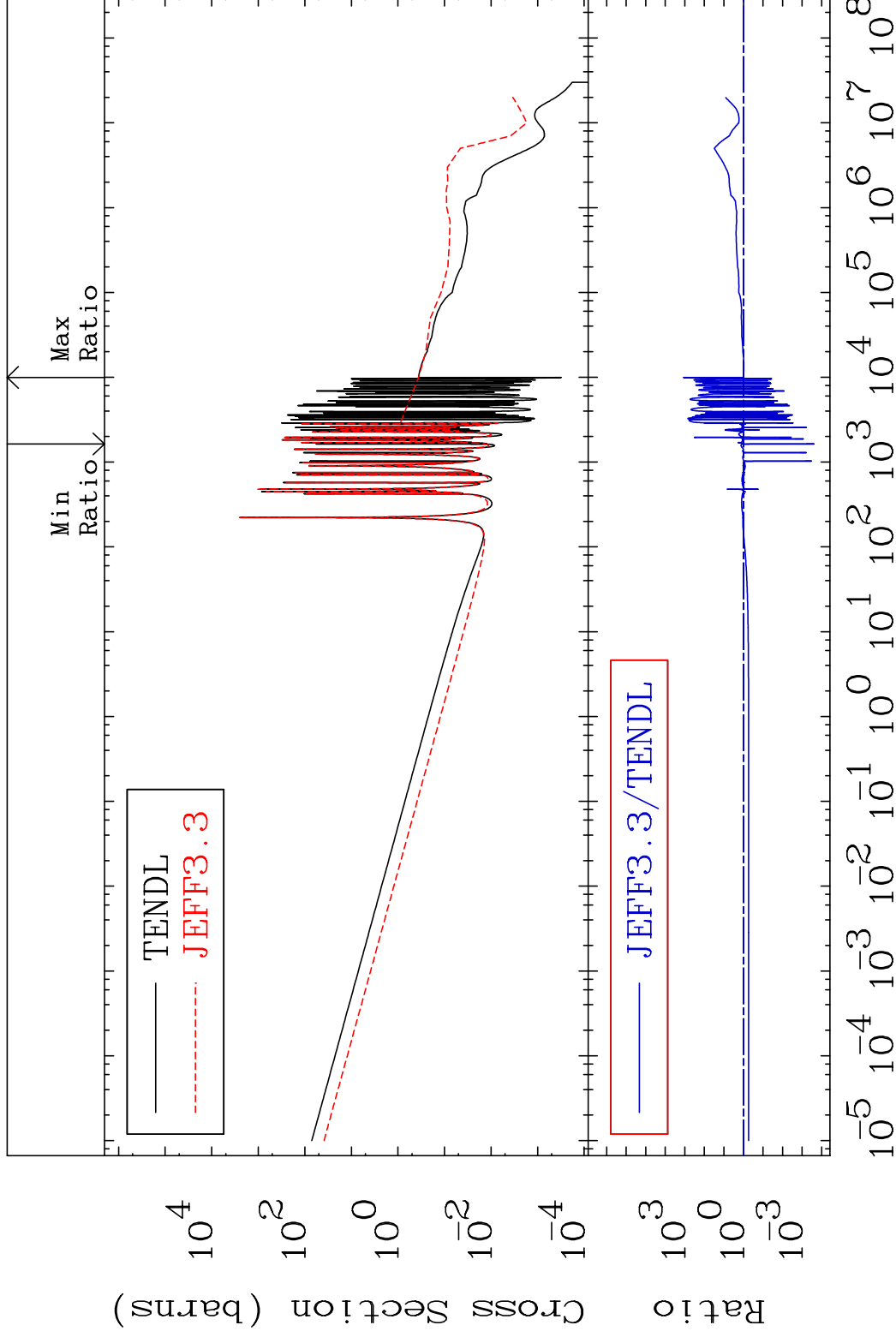
MAT 6449

(n, γ)

64-Gd-160

Cross Section

-99.98 To 9999. %



11

Incident Energy (eV)

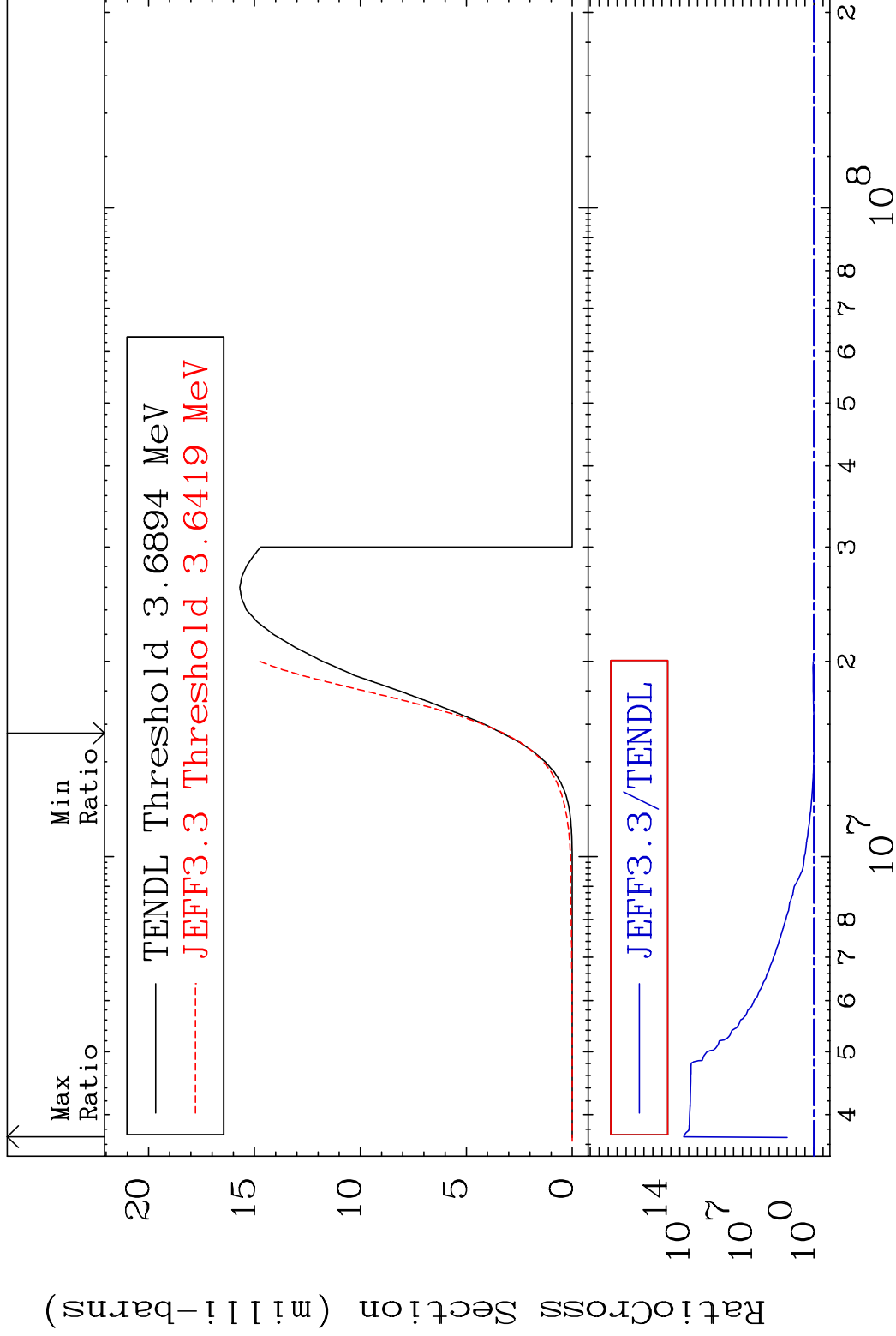
64-Gd-160

MAT 6449

(n, p)

64-Gd-160

Cross Section -2.325 To 9999. %

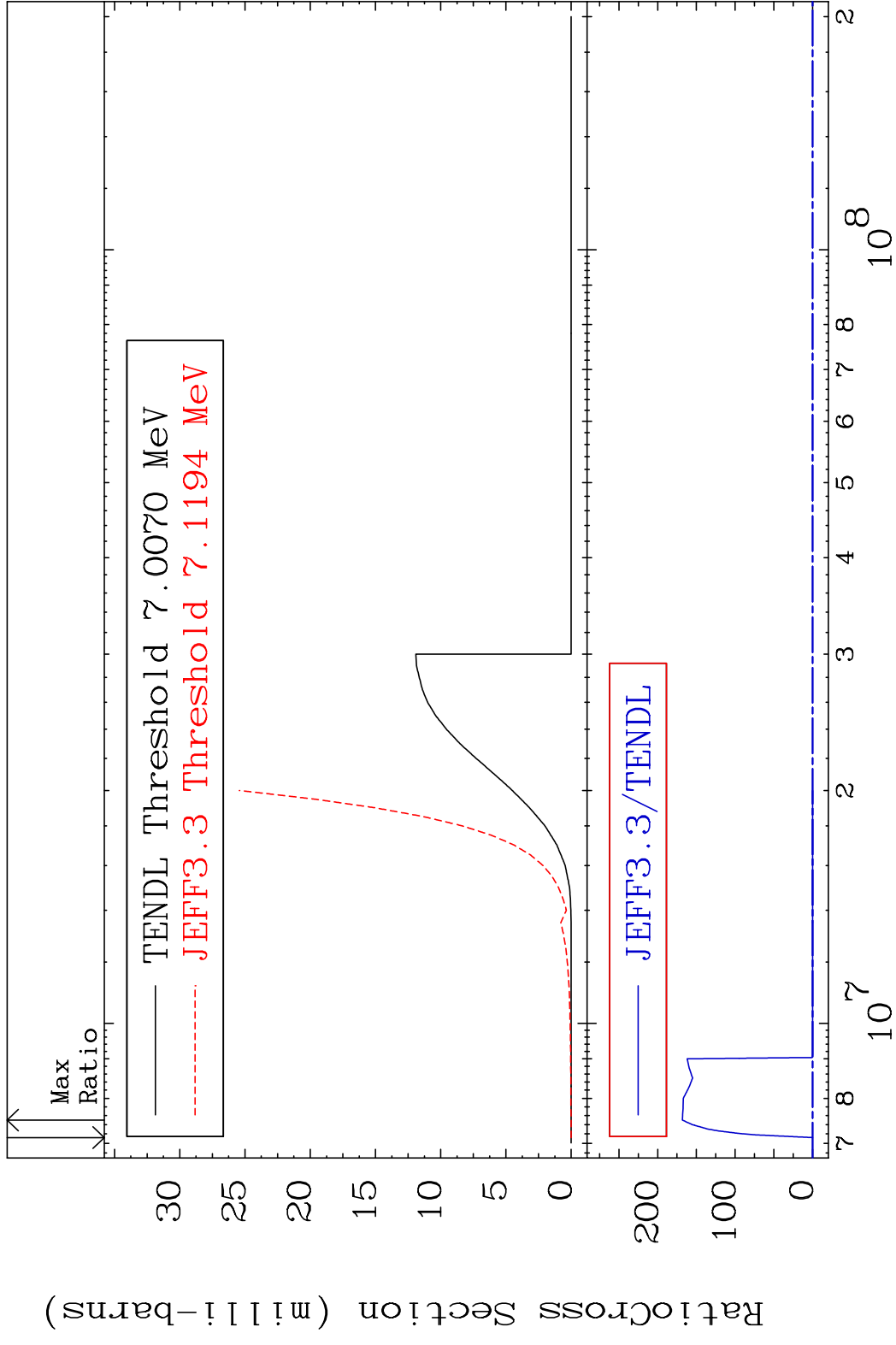


12

Incident Energy (eV)

64-Gd-160

MAT 6449 (n,d) 64-Gd-160
 Cross Section -100.0 To 9999. %

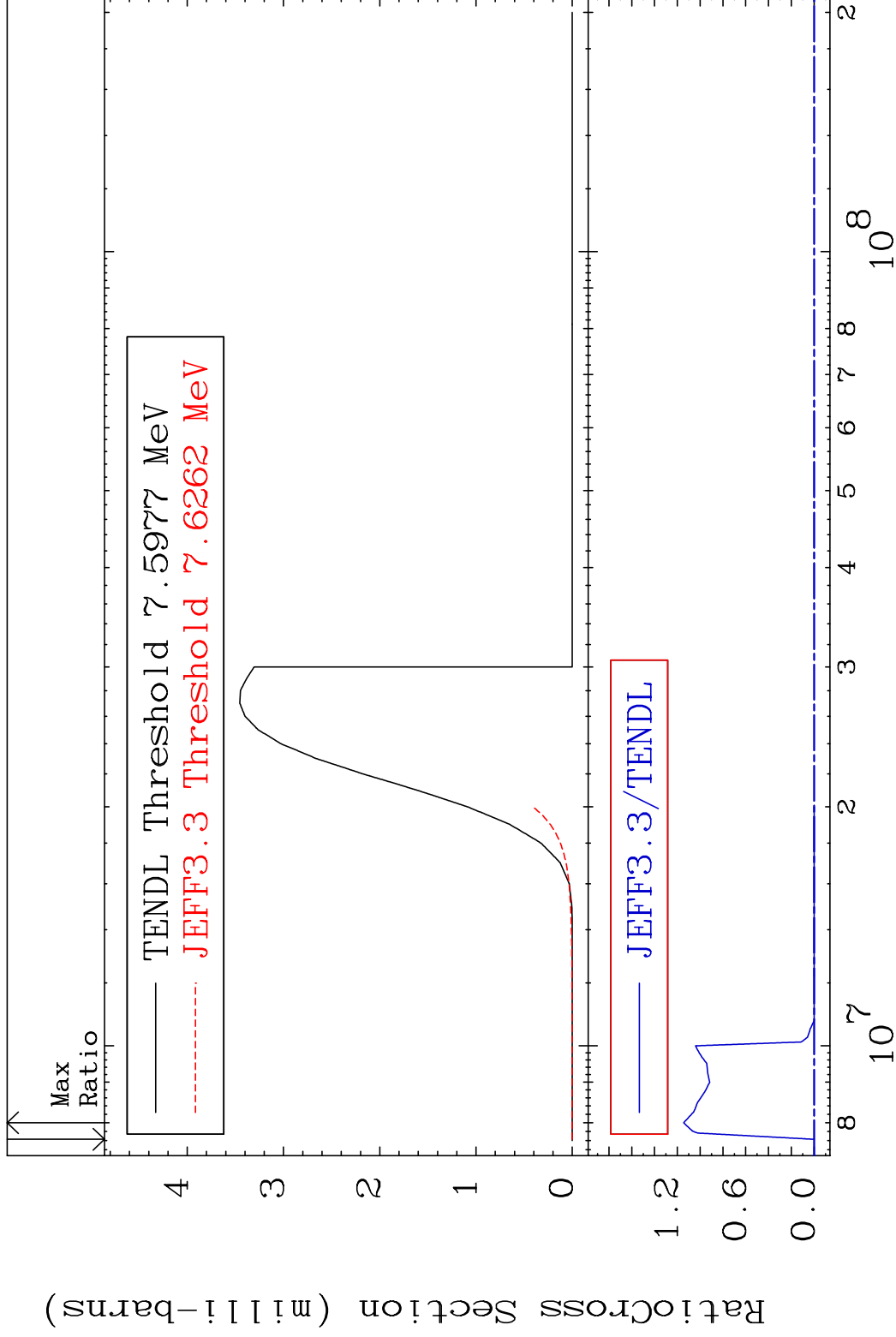


MAT 6449

(n, t)

64-Gd-160

Cross Section -100.0 To 9999. %

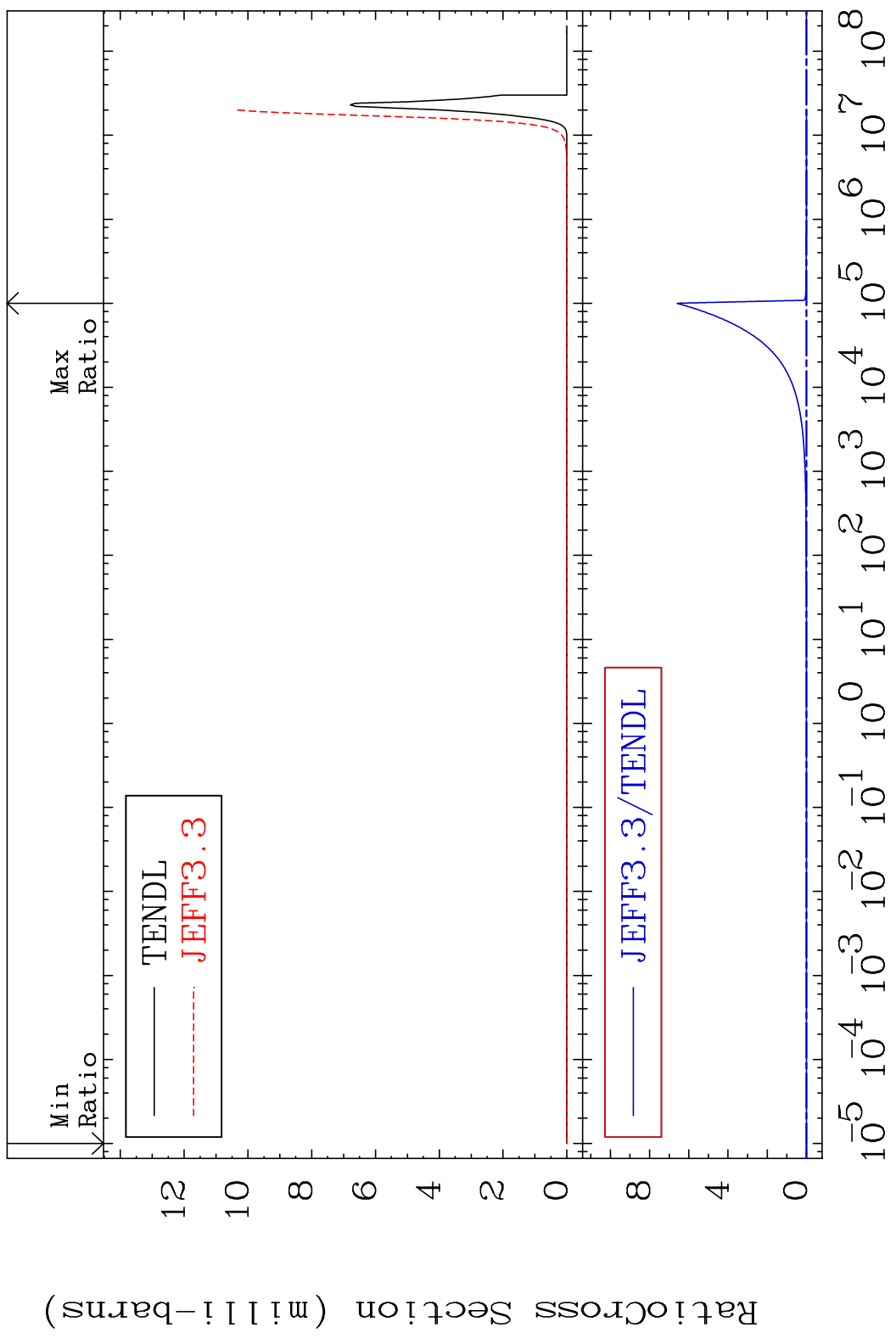


MAT 6449

(n, α)

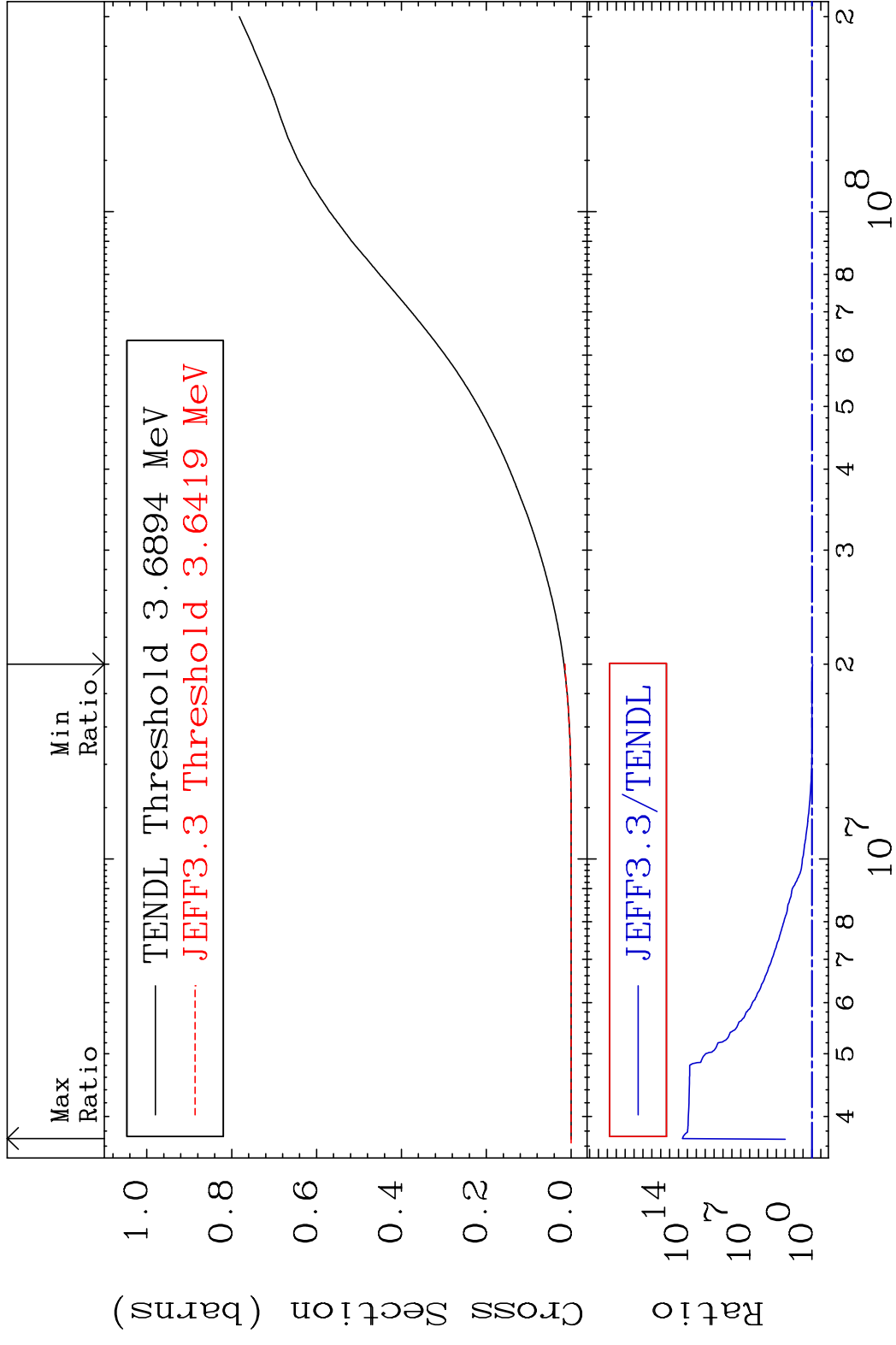
64-Gd-160

Cross Section -100.0 To 9999. %

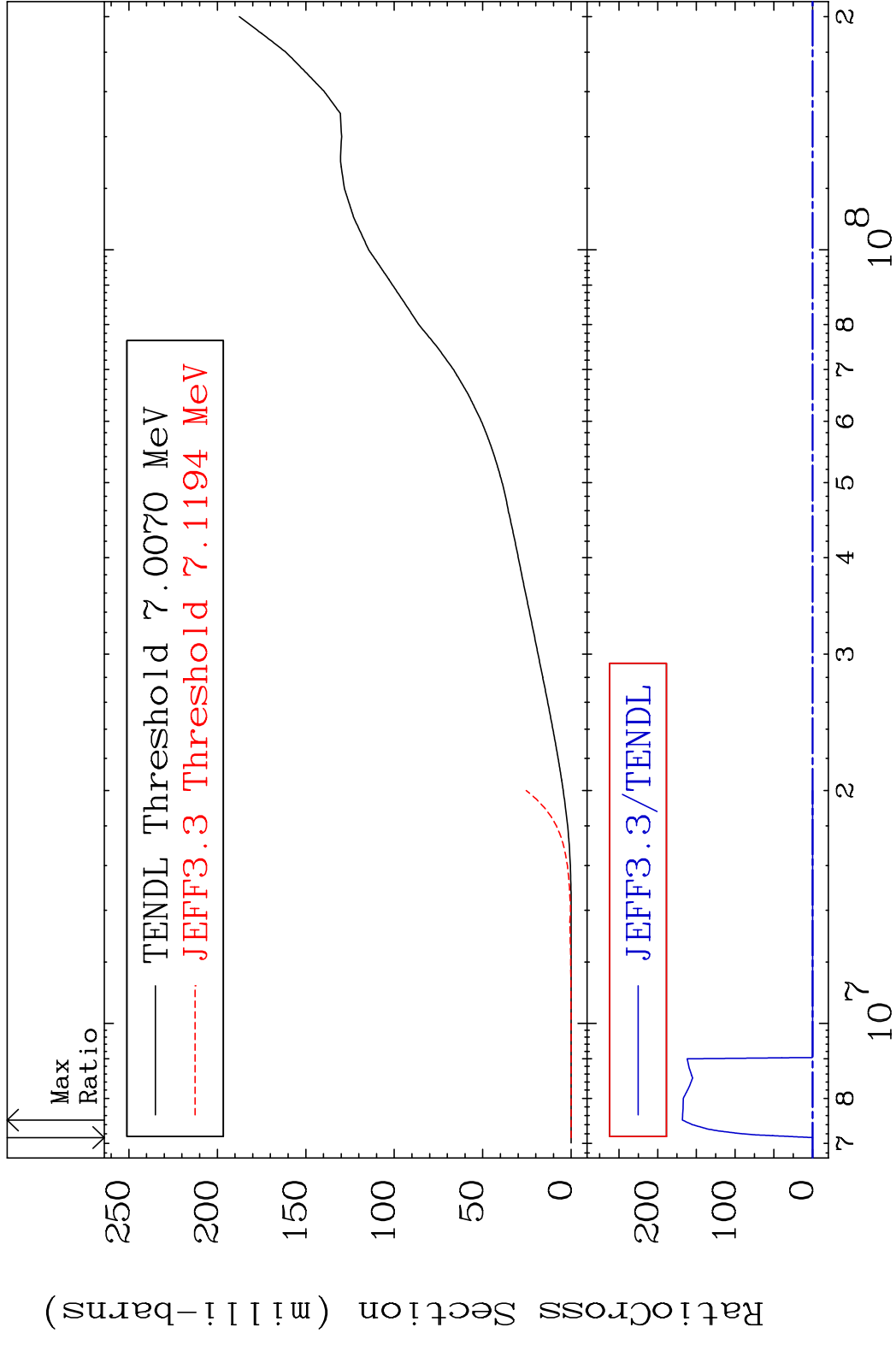


15

64-Gd-160

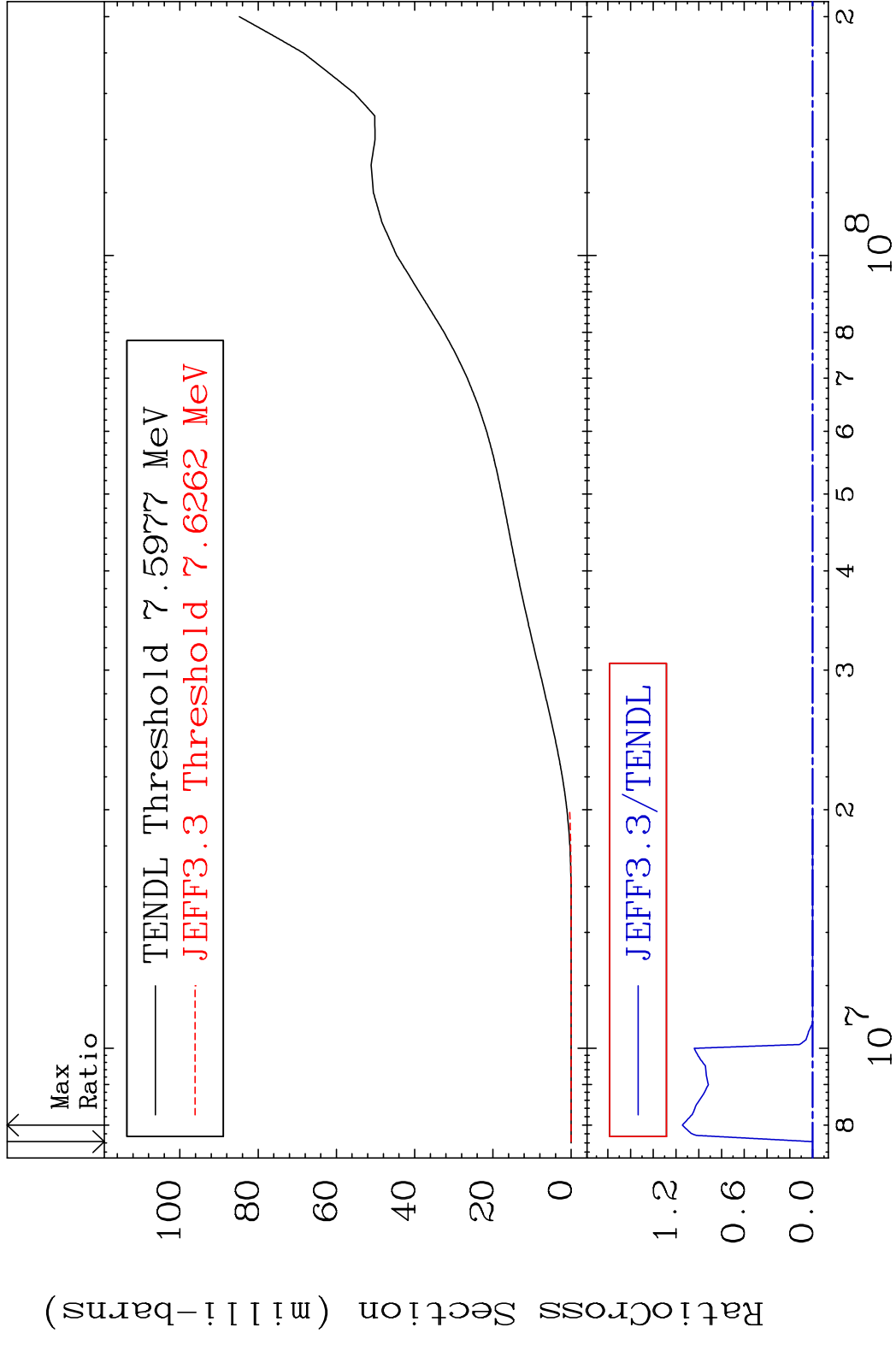


MAT 6449 Deuterium Production 64-Gd-160
 Cross Section -100.0 To 9999. %



17 Incident Energy (eV) 64-Gd-160

MAT 6449 Tritium Production 64-Gd-160
 Cross Section -100.0 To 9999. %

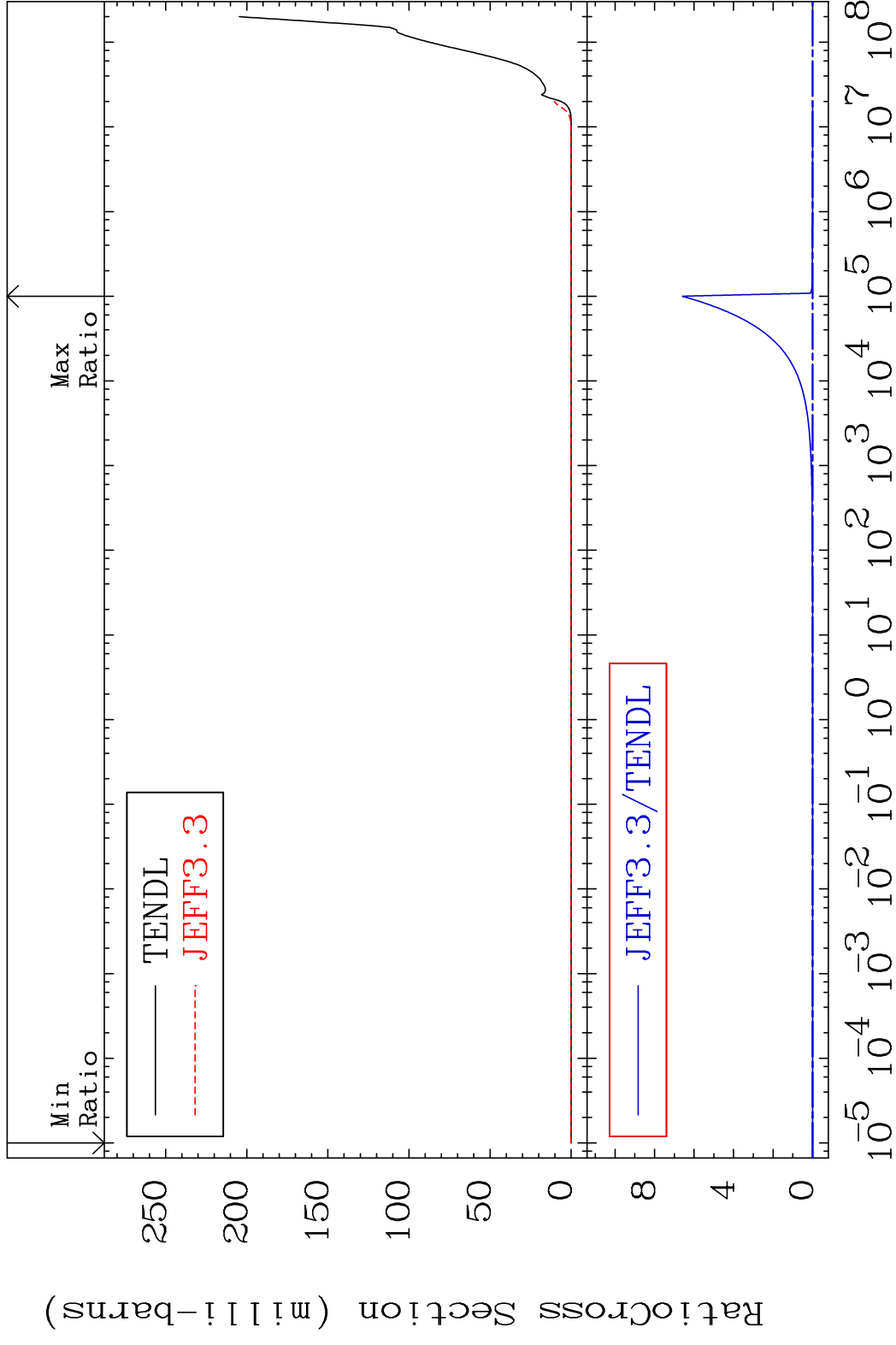


MAT 6449

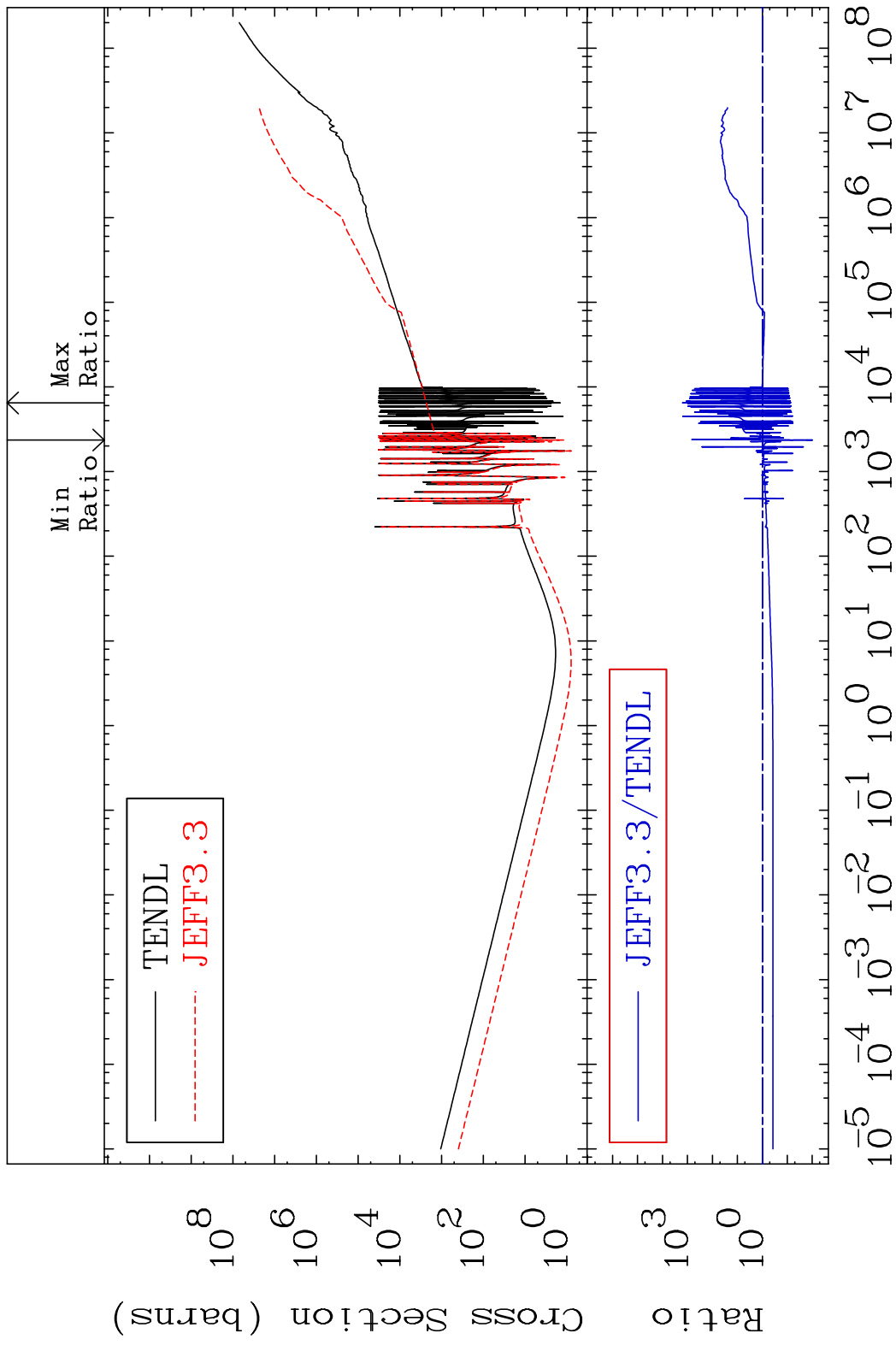
He-4 Production

64-Gd-160

Cross Section -100.0 To 9999. %



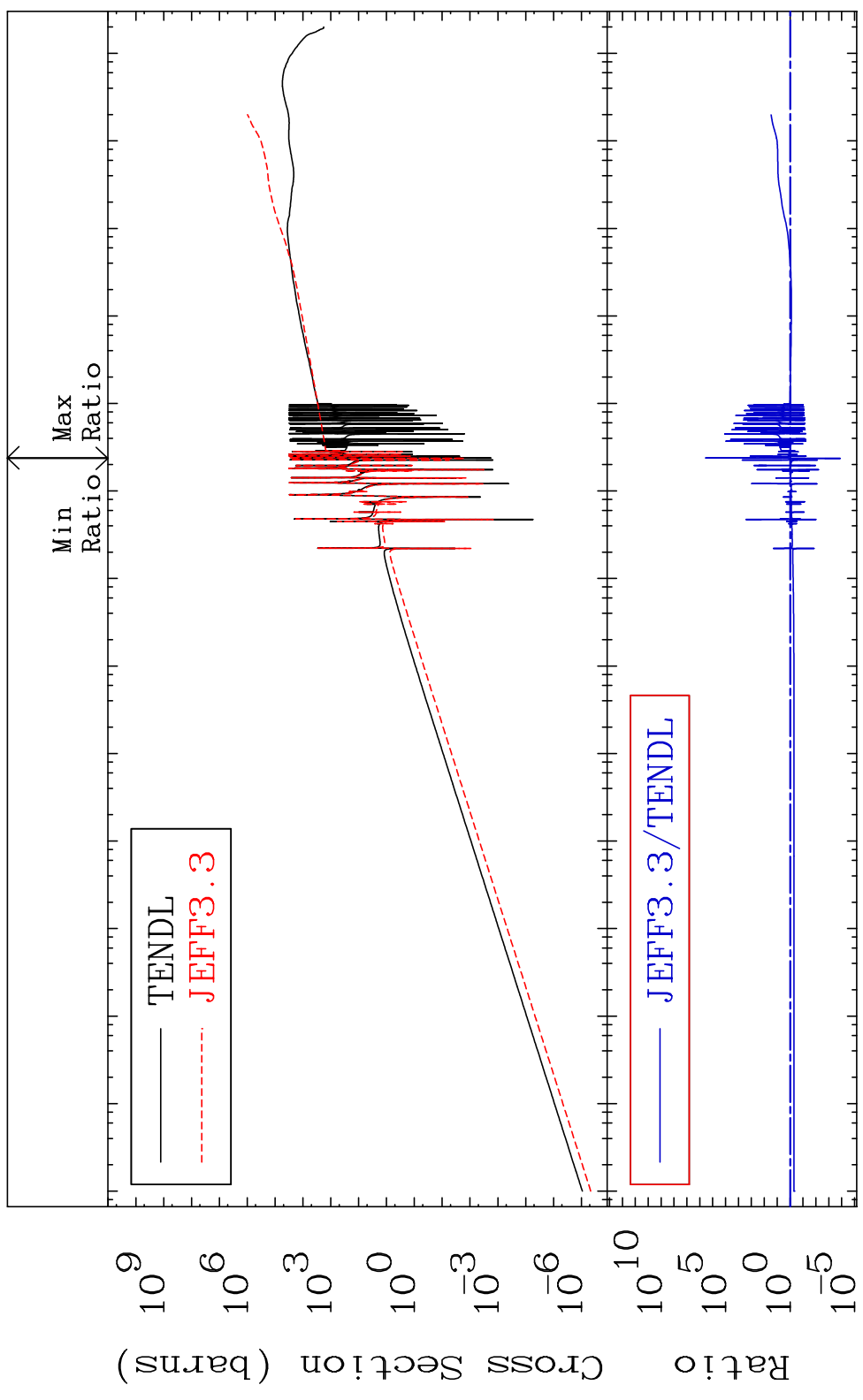
MAT 6449 Kerma total (eV-barns) 64-Gd-160
 Cross Section -99.03 To 9999. %



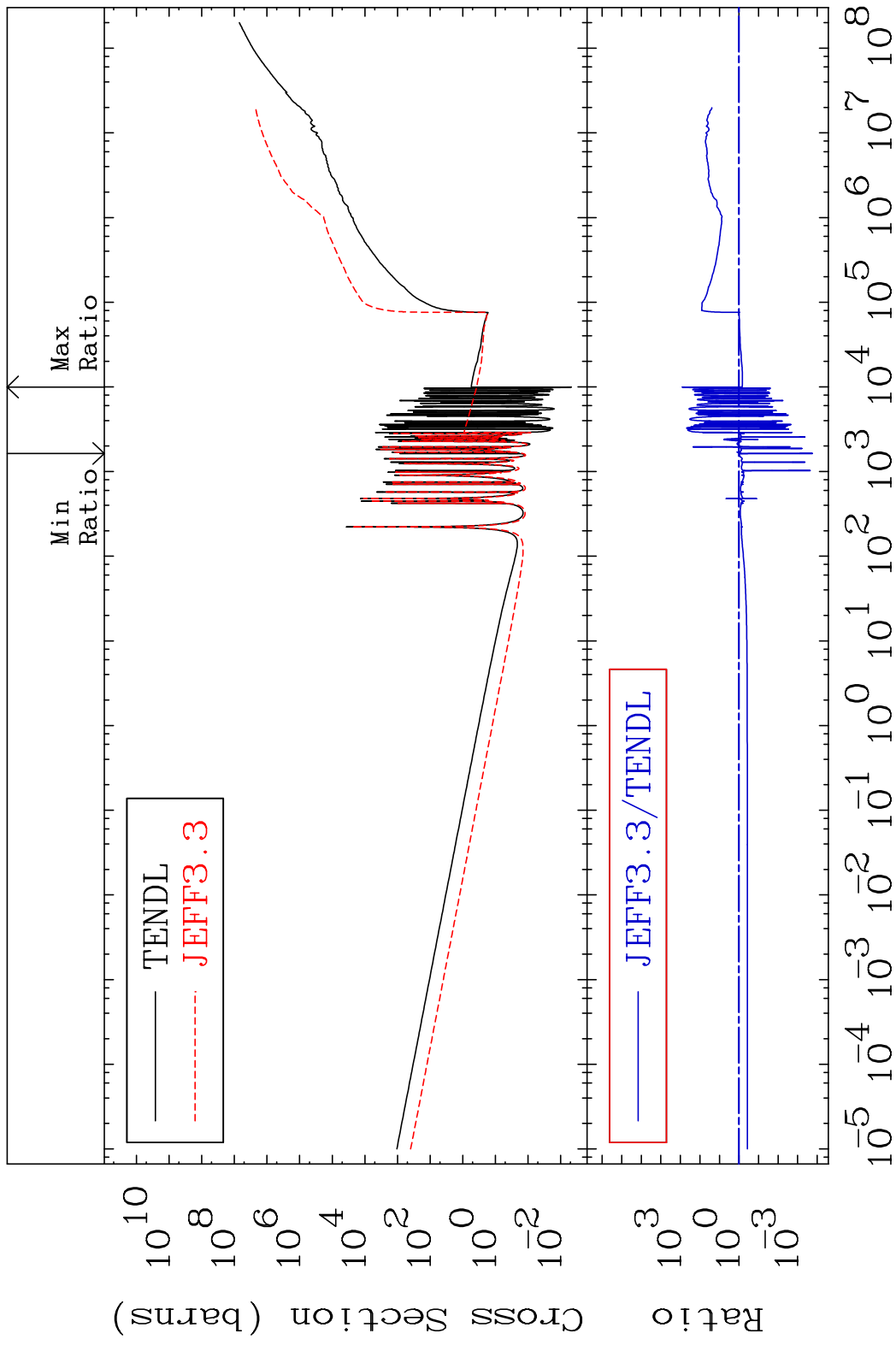
20 Incident Energy (eV) 64-Gd-160

MAT 6449

Kerma elastic Cross Section -99.99 To 9999. %
64-Gd-160

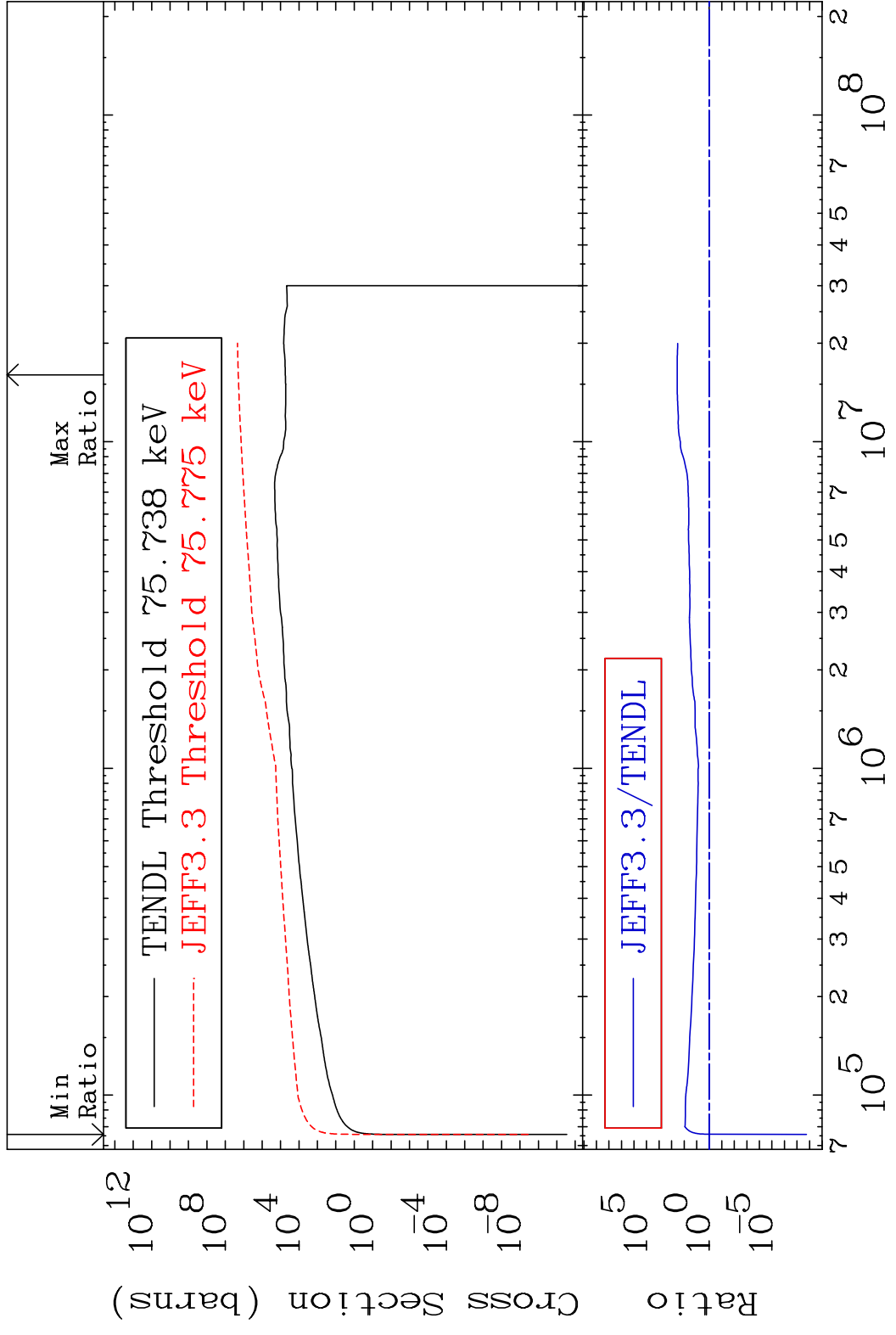


MAT 6449 Kerma non-elastic (all but mt2) 64-Gd-160
 Cross Section -99.98 To 9999. %

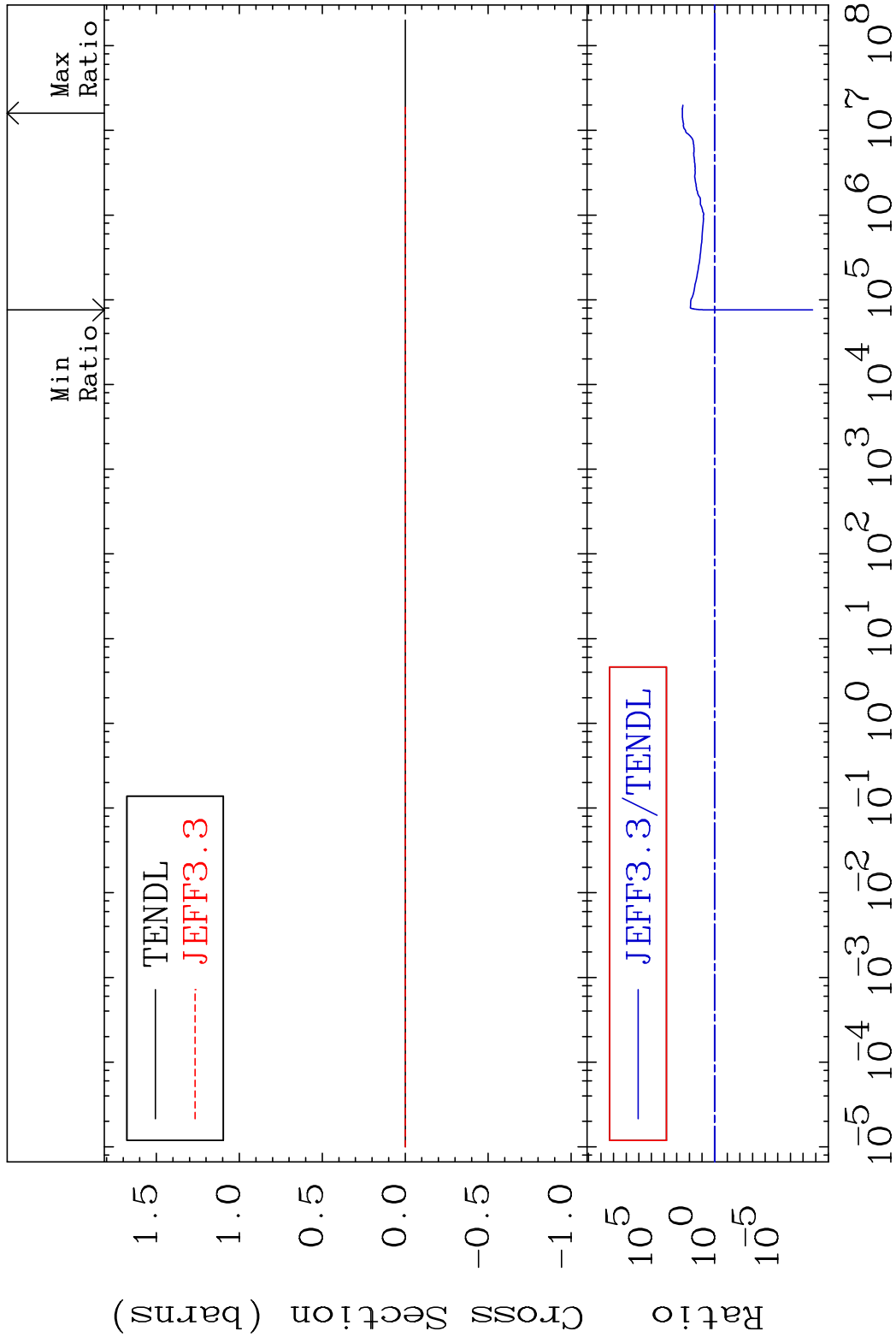


22 Incident Energy (eV) 64-Gd-160

MAT 6449 Kerma inelastic (mt51-91) 64-Gd-160
 Cross Section -100.0 To 9999. %

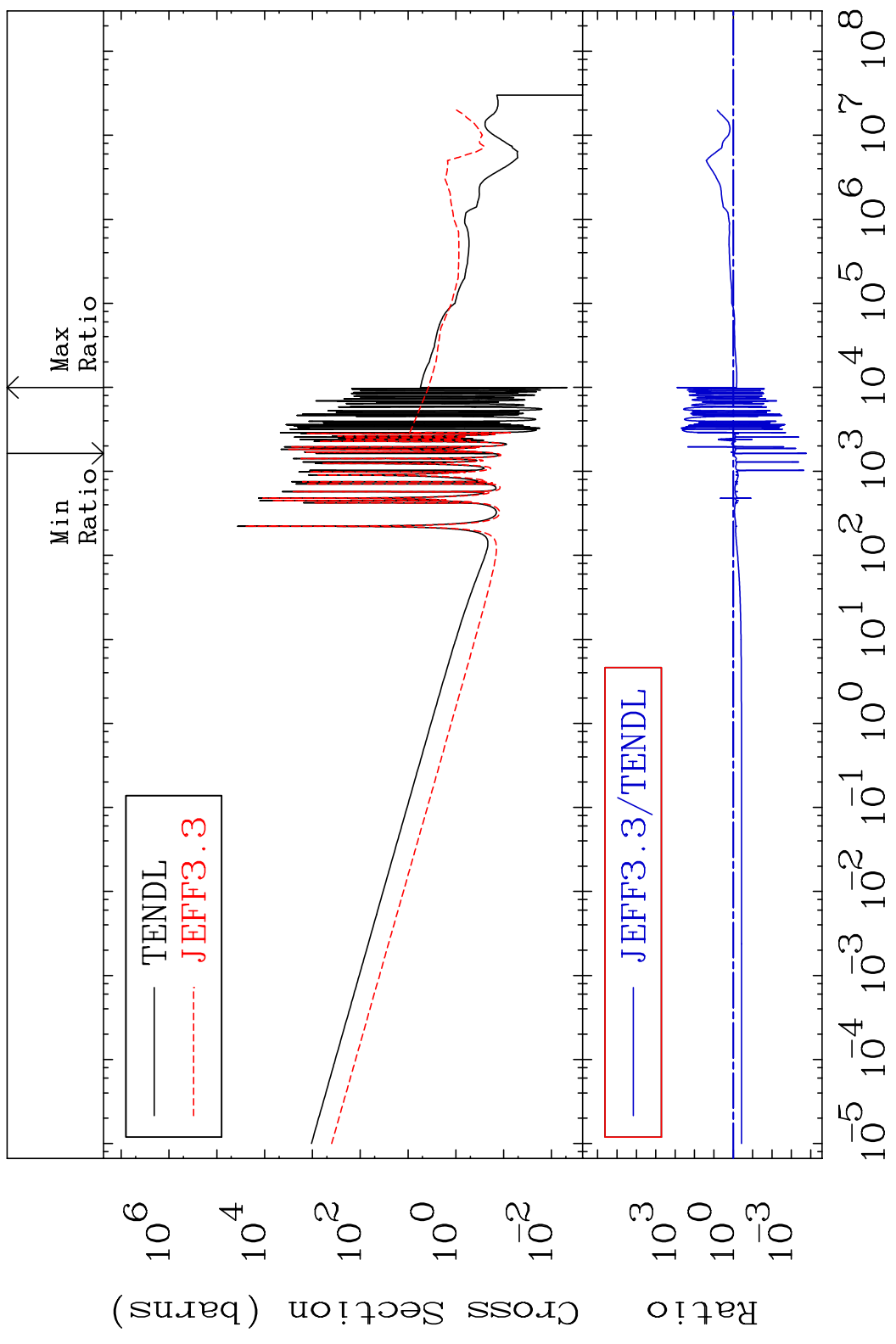


MAT 6449 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-160
 Cross Section -100.0 To 9999. %

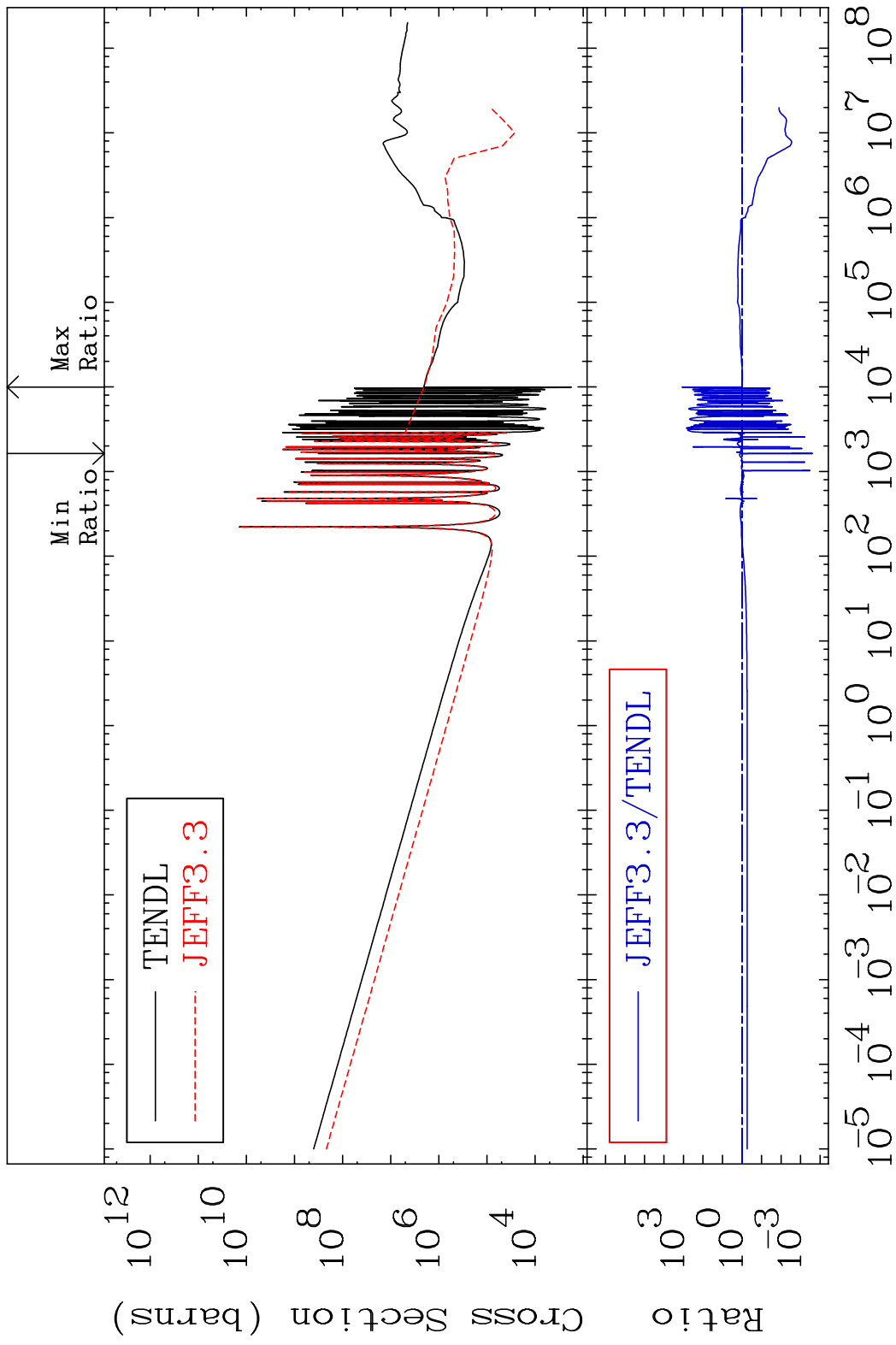


MAT 6449

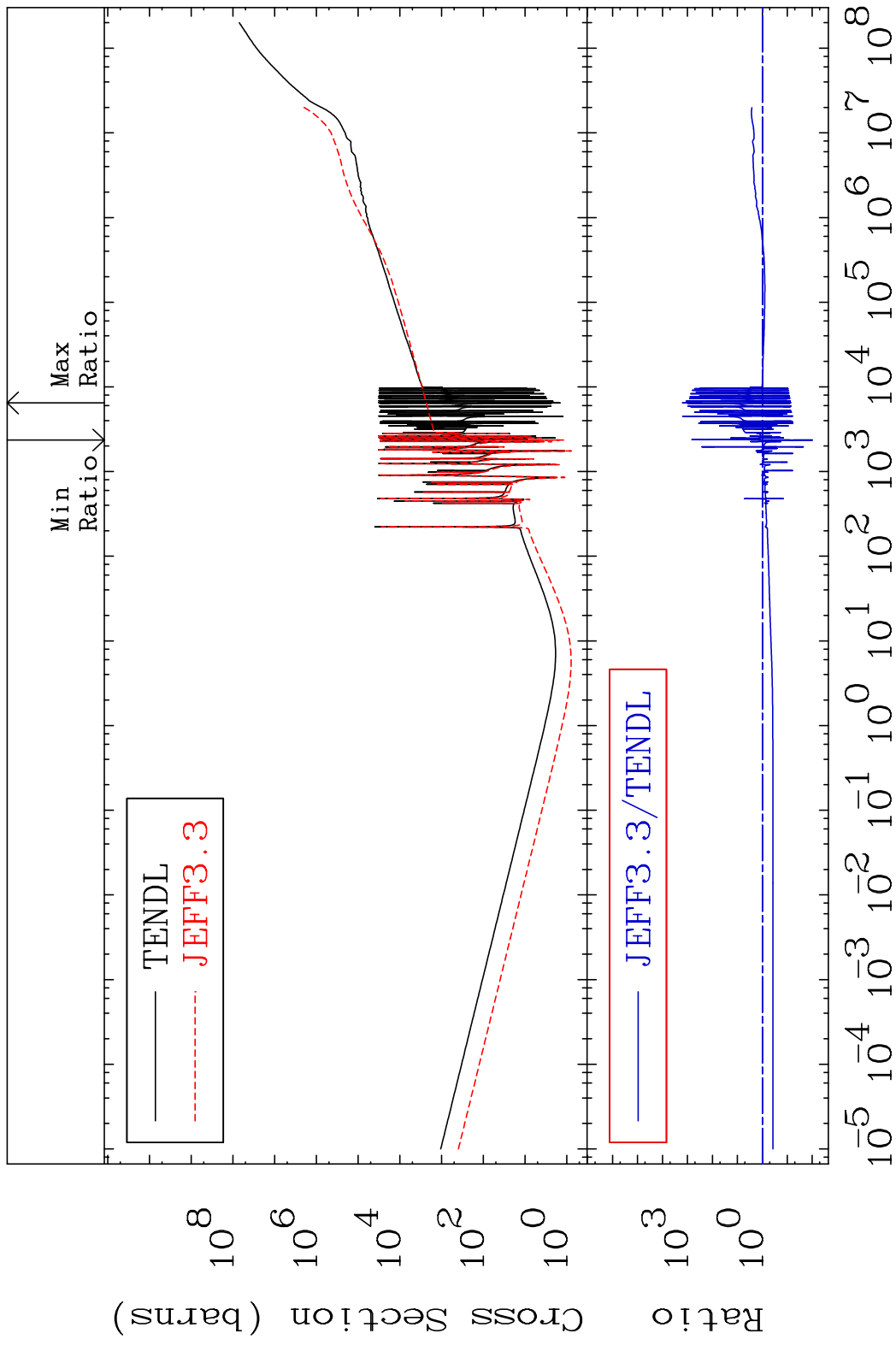
Kerma capture (mt102) 64-Gd-160
Cross Section -99.98 To 9999. %



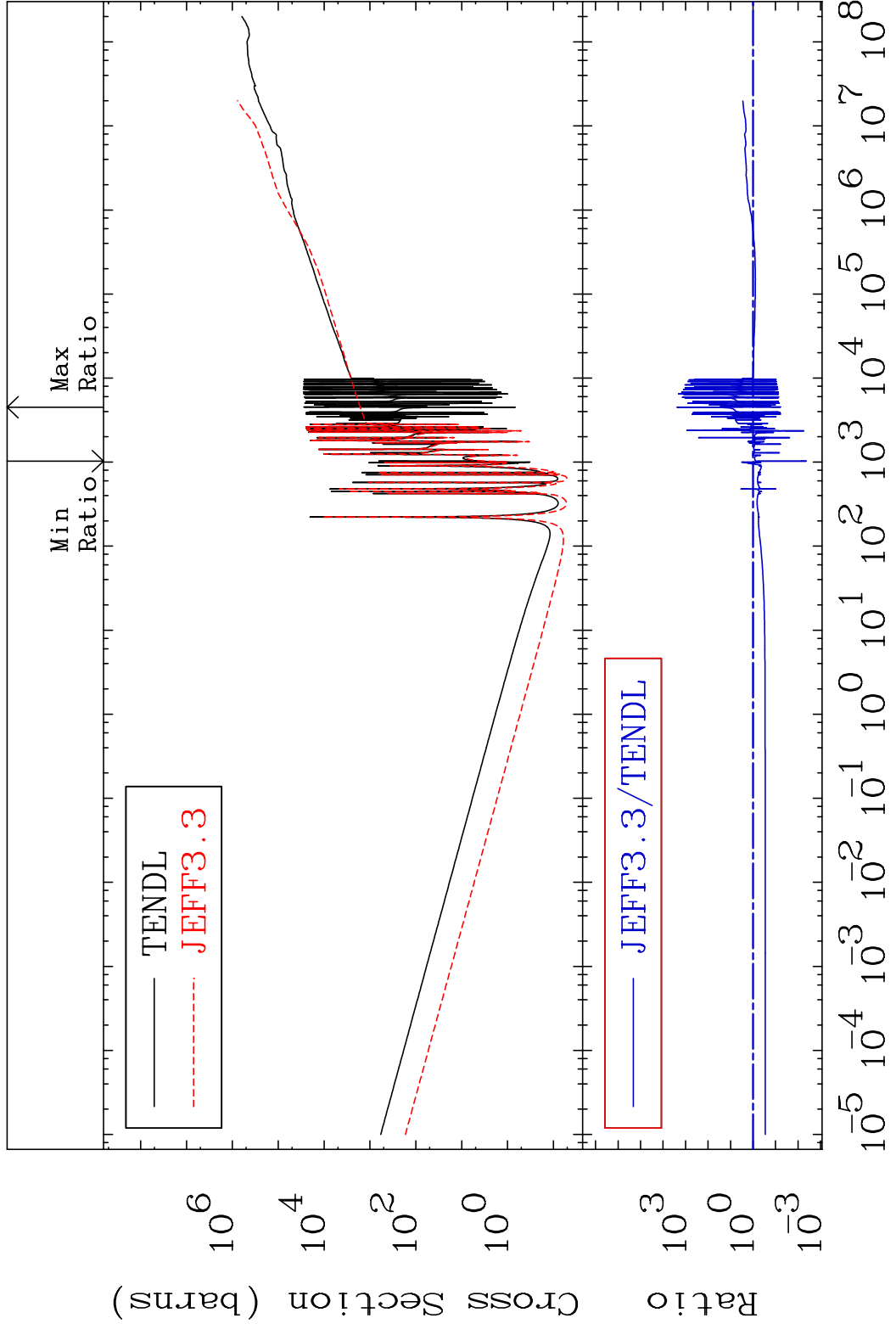
MAT 6449 Total photon (eV-barns) 64-Gd-160
 Cross Section -99.98 To 9999. %



MAT 6449 Total kinematic kerma (high limit) 64-Gd-160
 Cross Section -99.03 To 9999. %



MAT 6449 Dpa total (eV-barns) 64-Gd-160
 Cross Section -99.58 To 9999. %

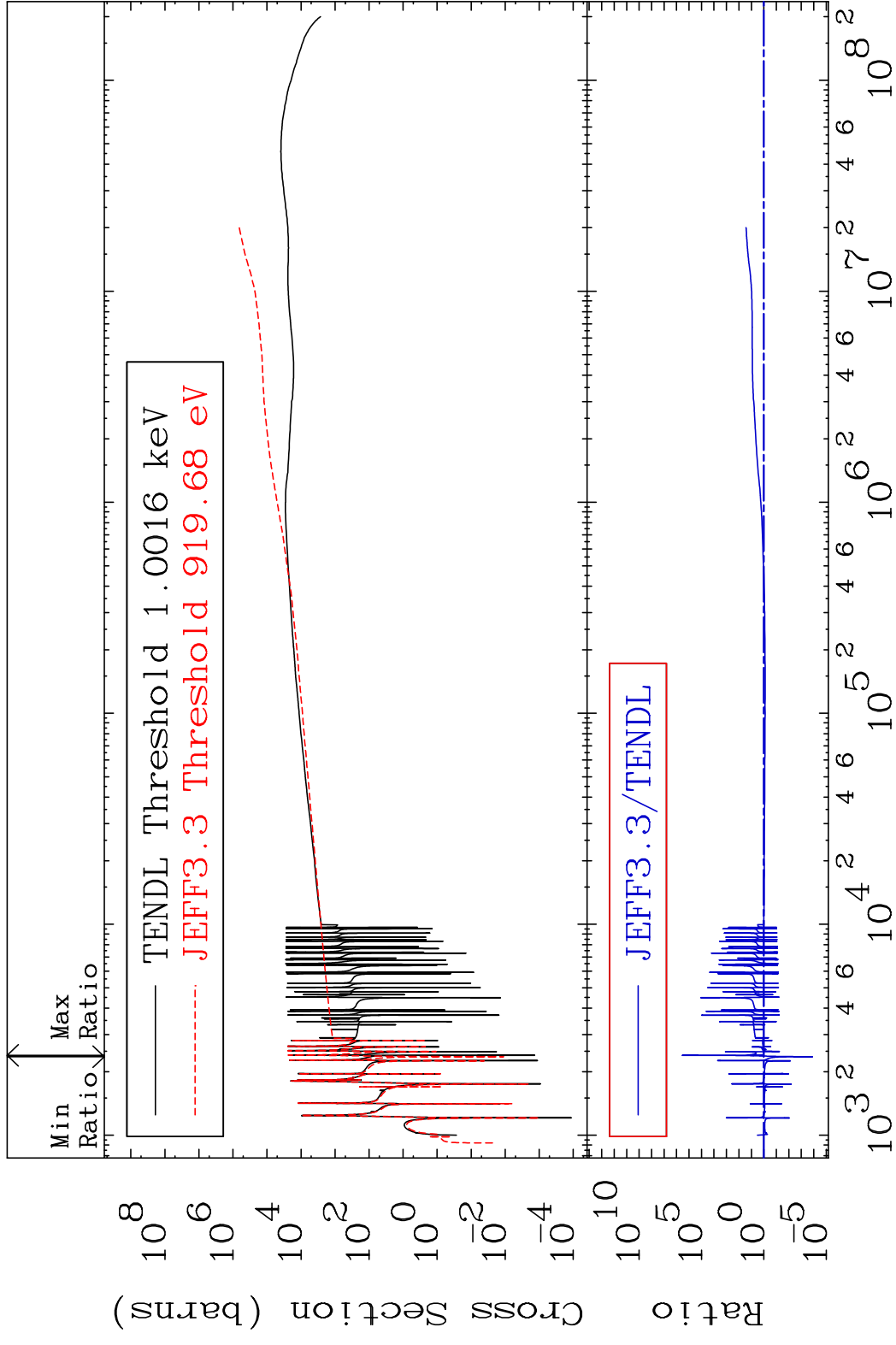


MAT 6449

Dpa elastic (mt2)

64-Gd-160

Cross Section -99.99 To 9999. %

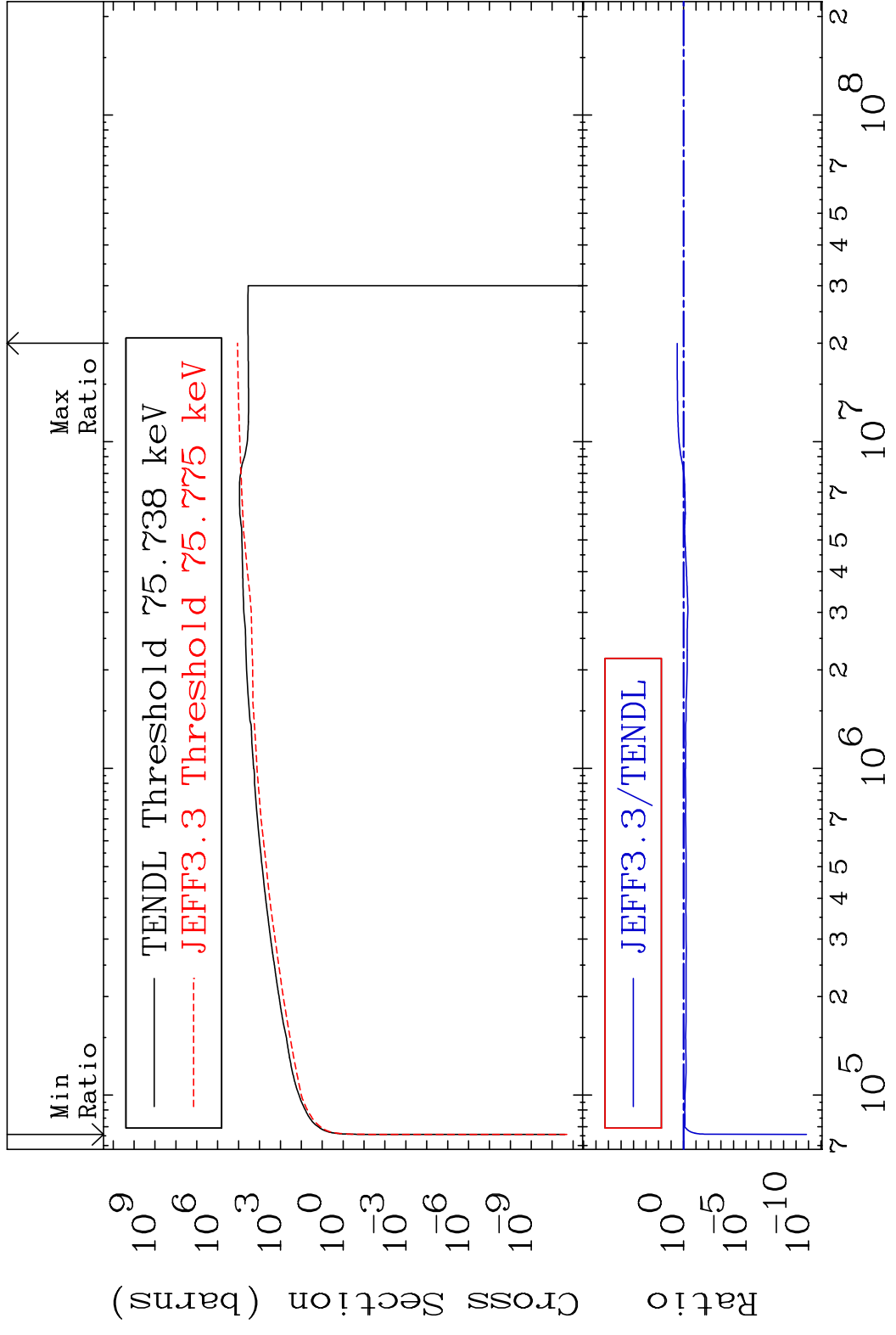


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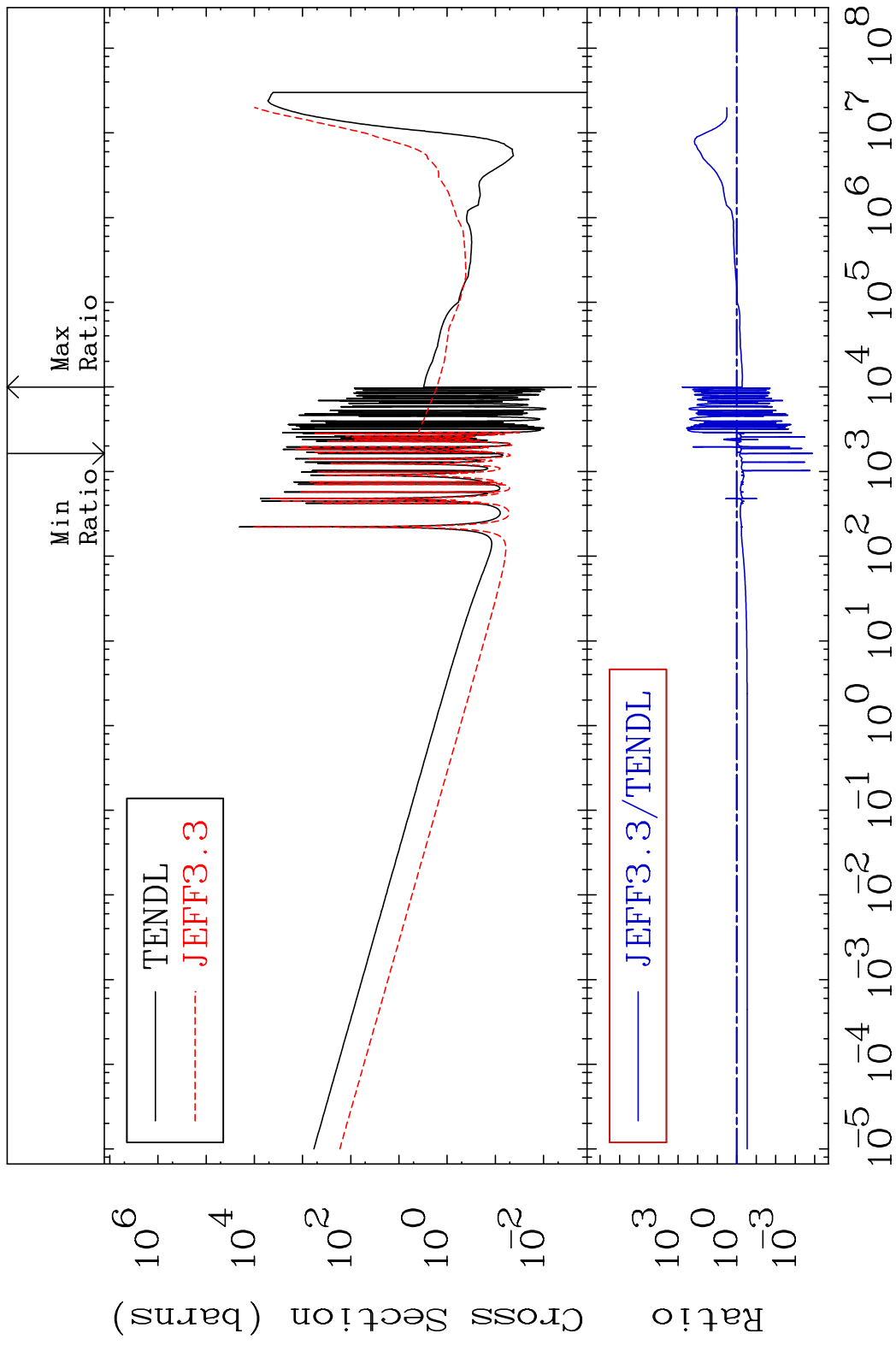
Incident Energy (eV)

64-Gd-160

MAT 6449 Dpa inelastic (mt51-91) 64-Gd-160
 Cross Section -100.0 To 219.9 %



MAT 6449 Dpa disappearance (mt102 -120) 64-Gd-160
 Cross Section -99.99 To 9999. %

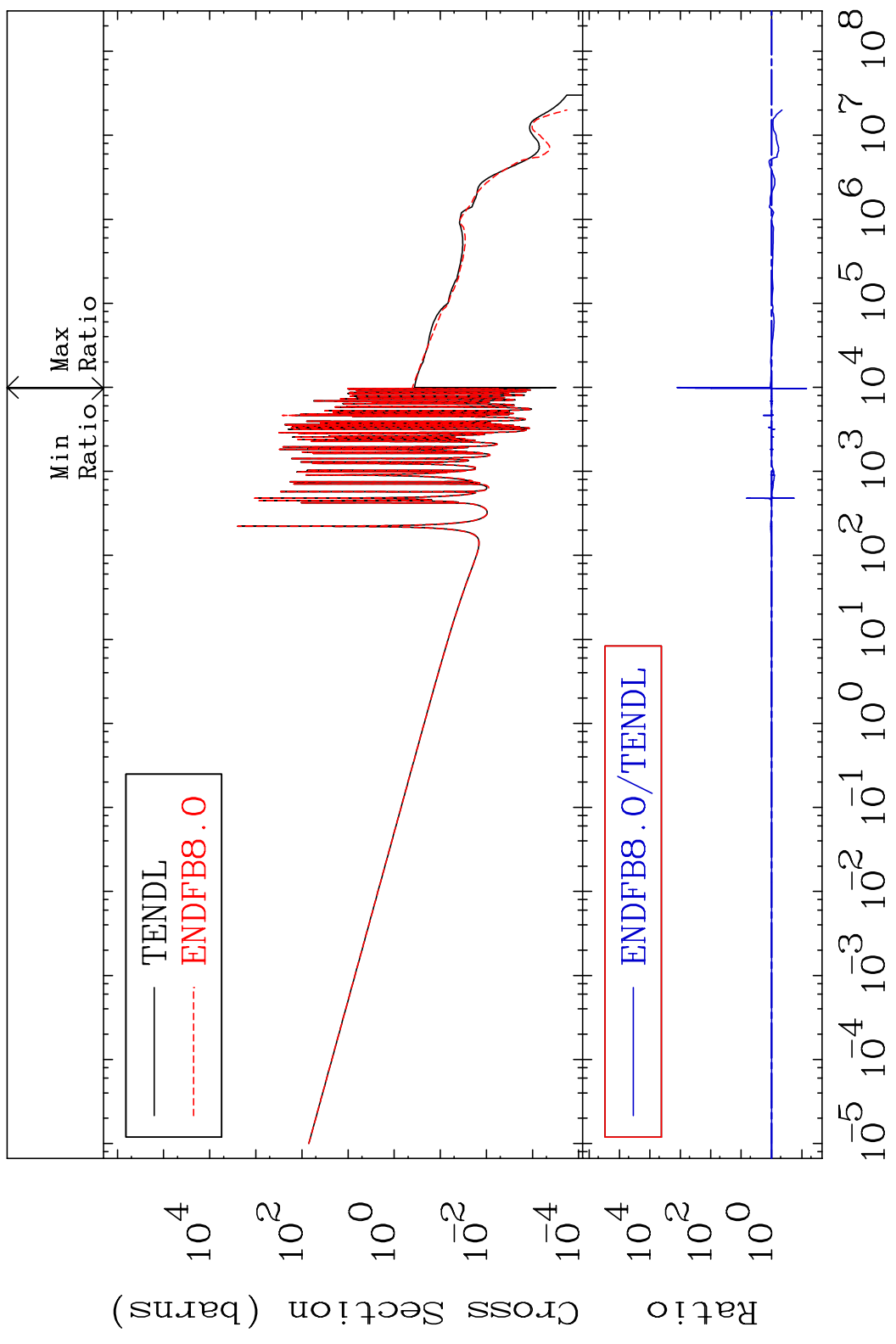


MAT 6449

(n, γ)

64-Gd-160

Cross Section -92.88 To 9999. %



32

Incident Energy (eV)

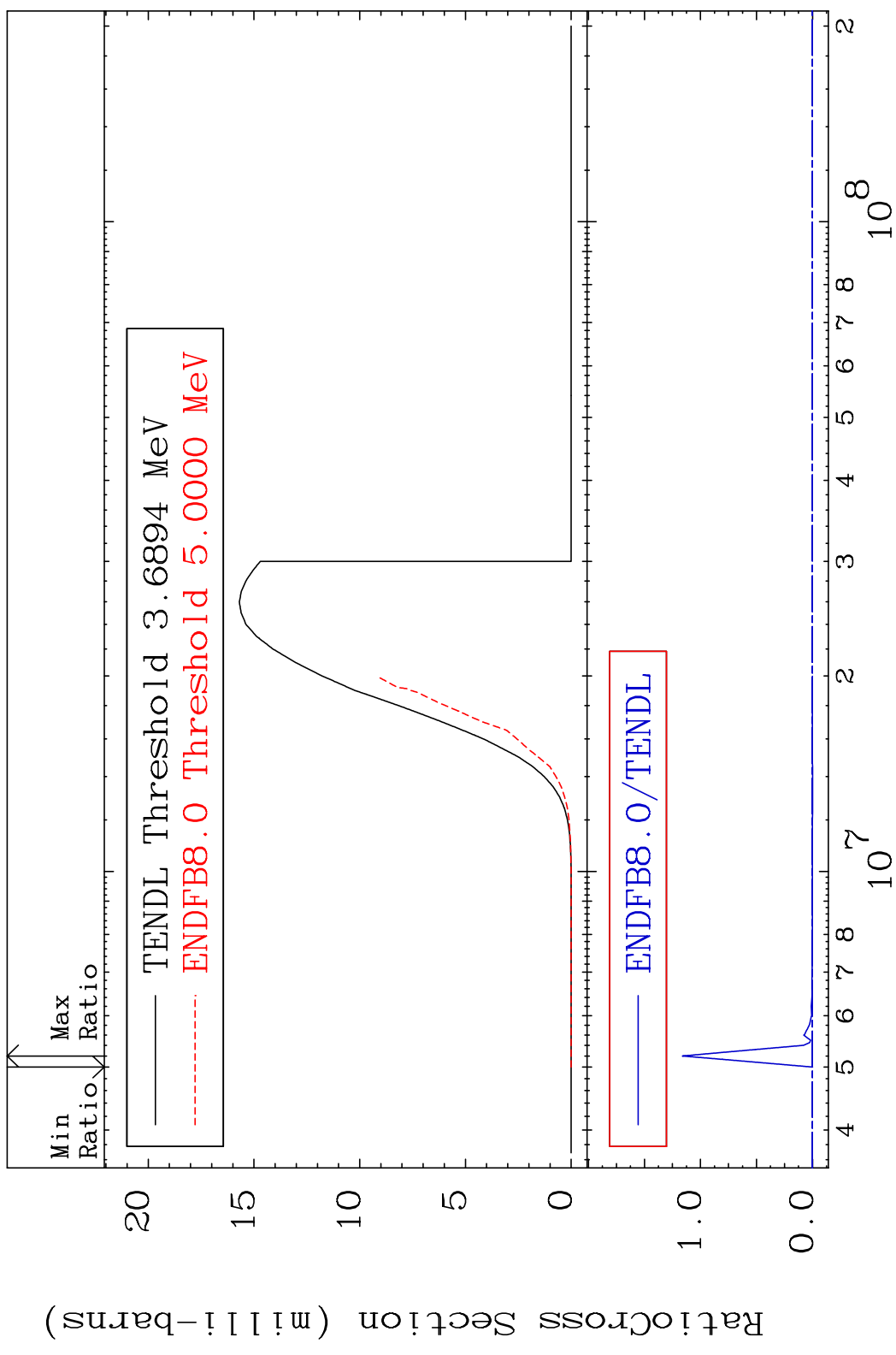
64-Gd-160

MAT 6449

(n,p)

64-Gd-160

Cross Section -100.0 To 9999. %

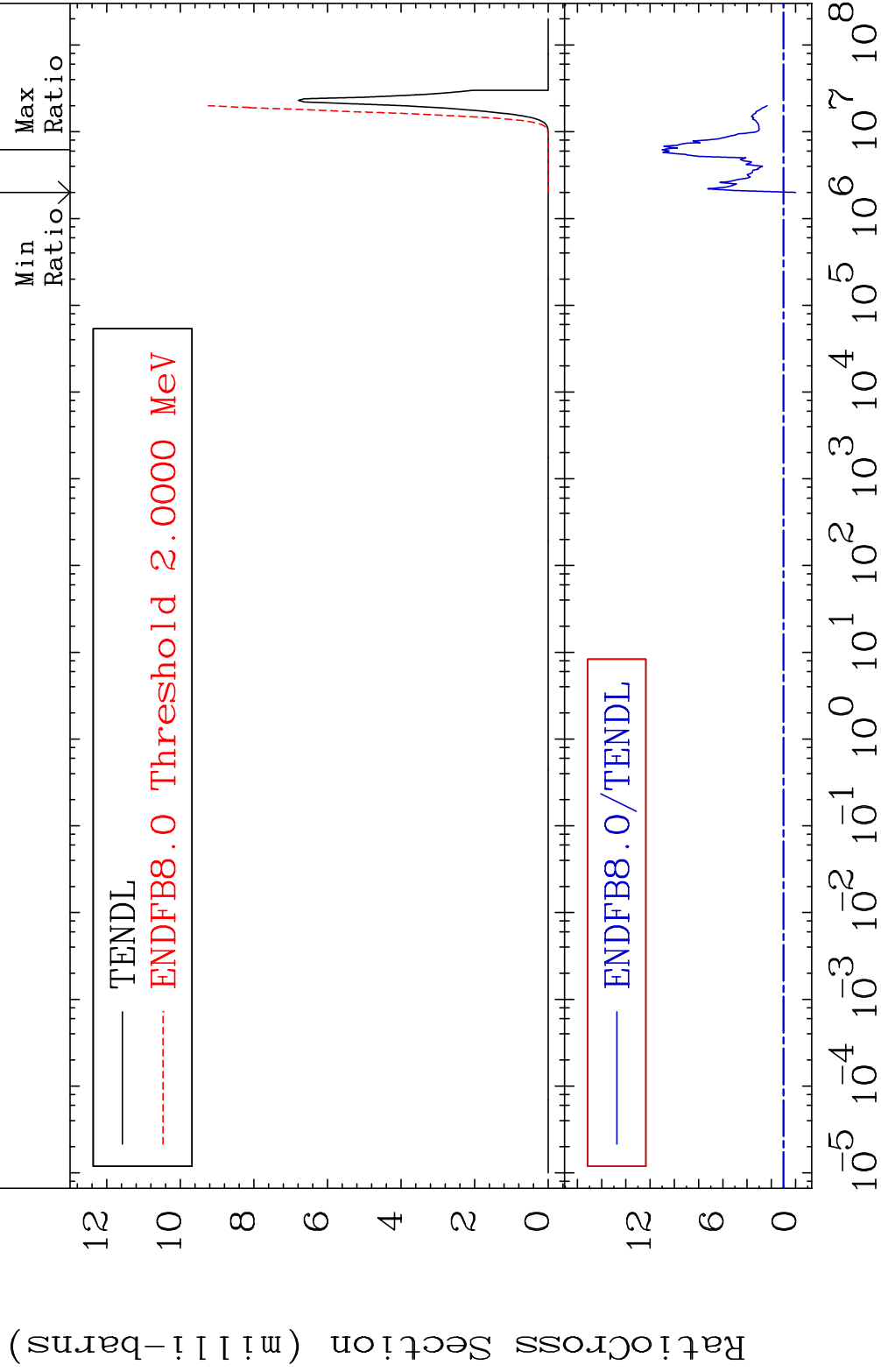


MAT 6449

(n, α)

64-Gd-160

Cross Section -100.0 To 1001. %



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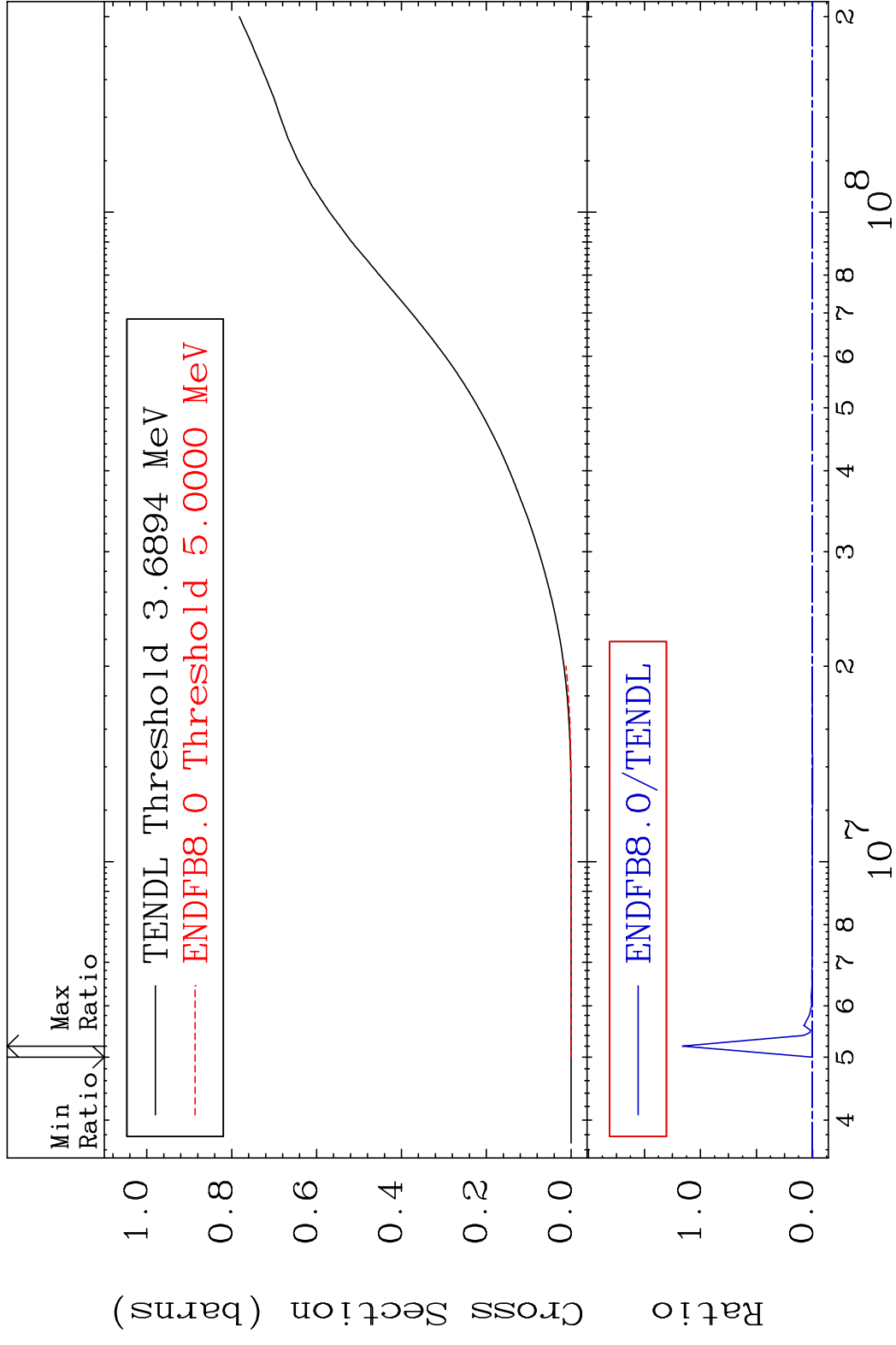
Incident Energy (eV)

64-Gd-160

MAT 6449

Hydrogen Production 64-Gd-160

Cross Section -100.0 To 9999. %

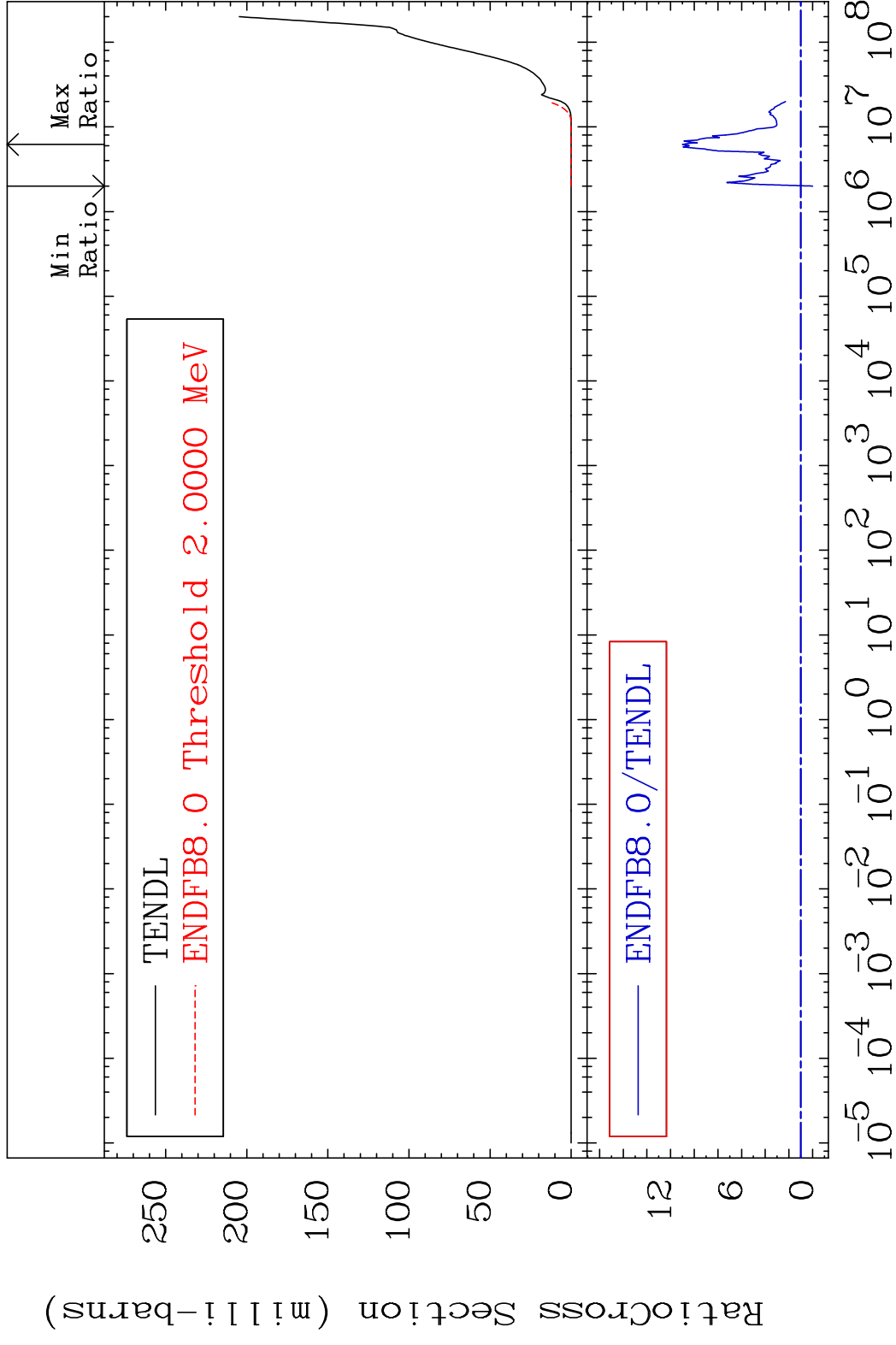


MAT 6449

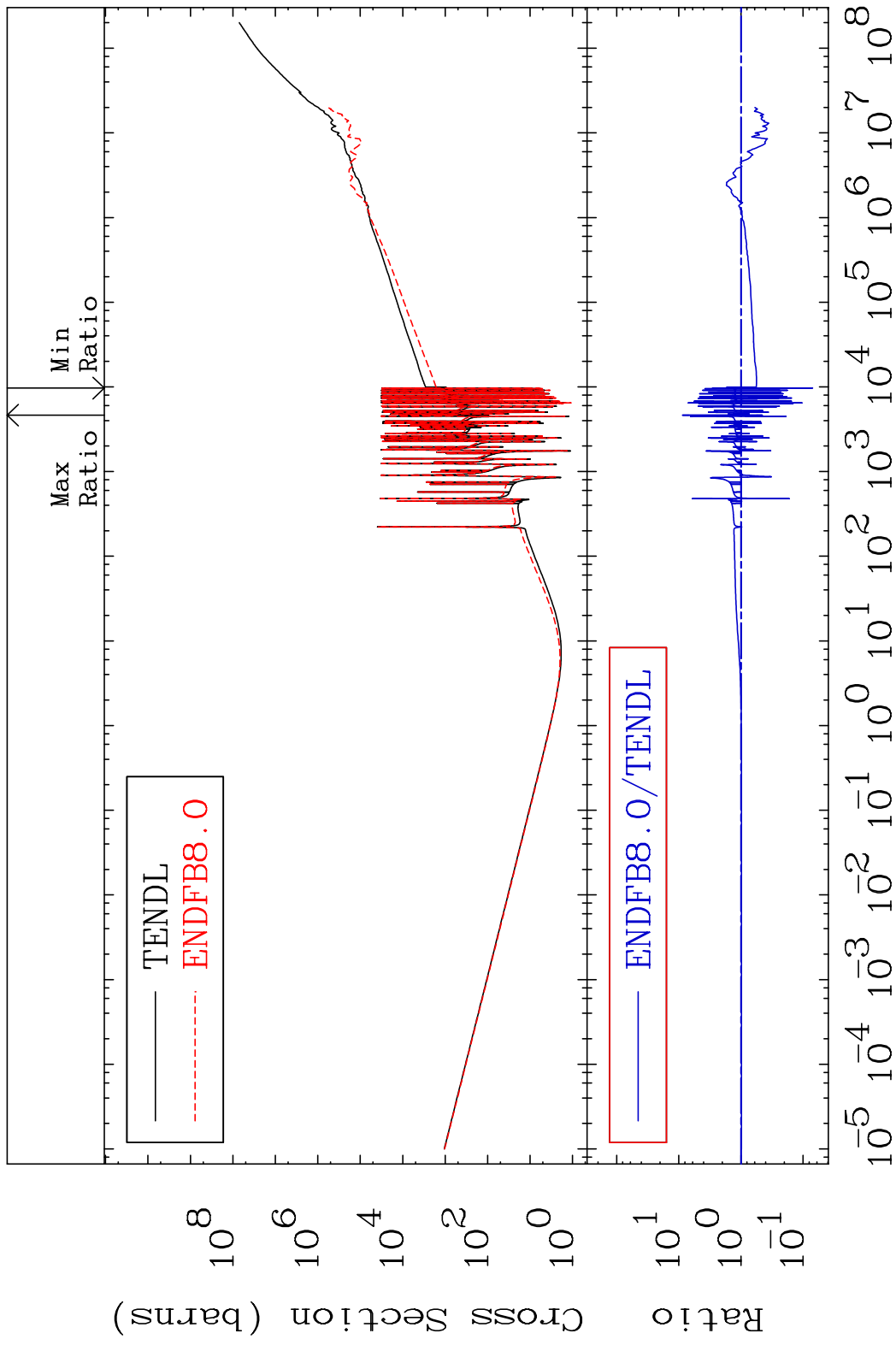
He-4 Production

64-Gd-160

Cross Section -100.0 To 1001. %

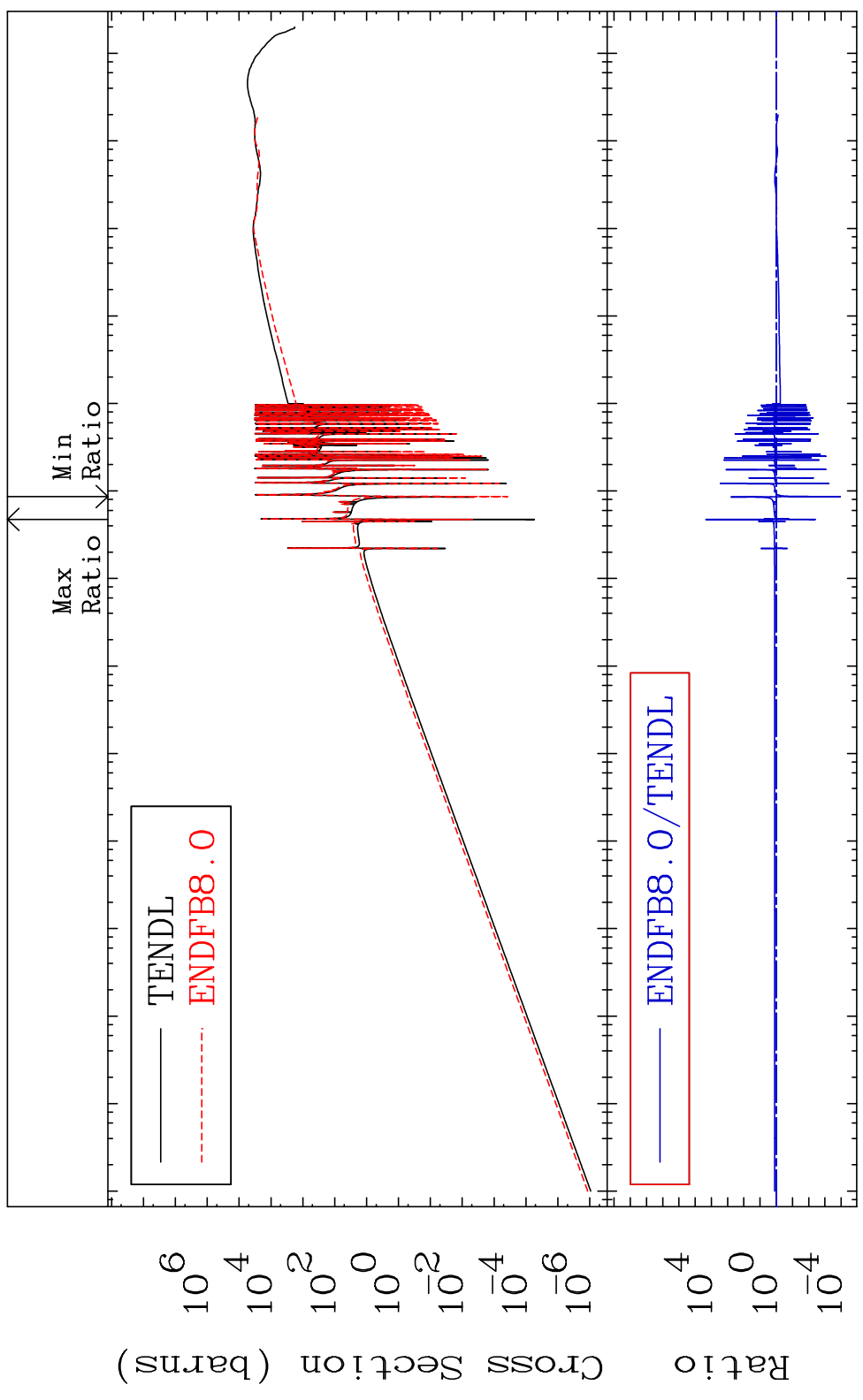


MAT 6449 Kerma total (eV-barns) 64-Gd-160
 Cross Section -92.96 To 778.1 %

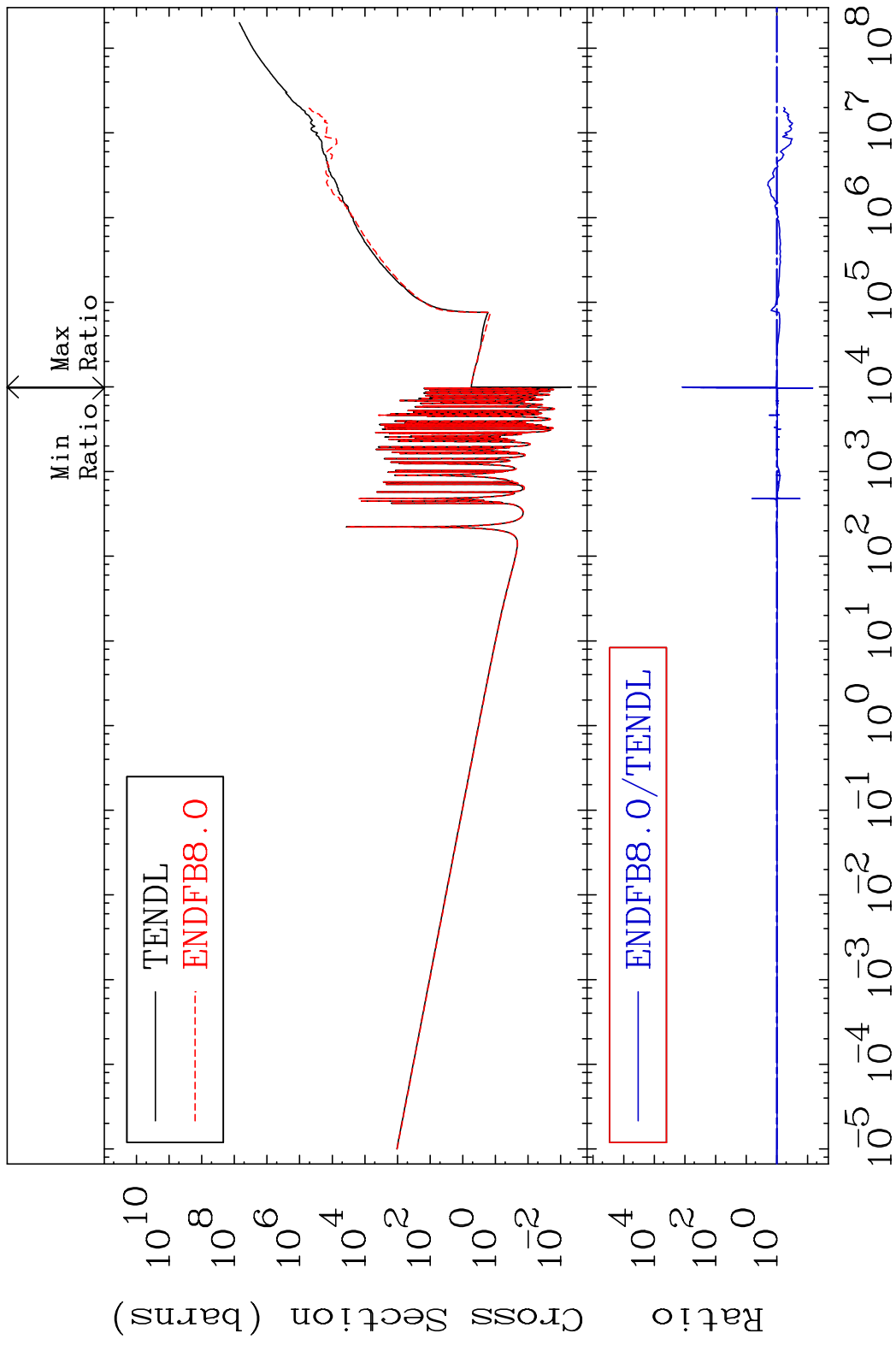


MAT 6449

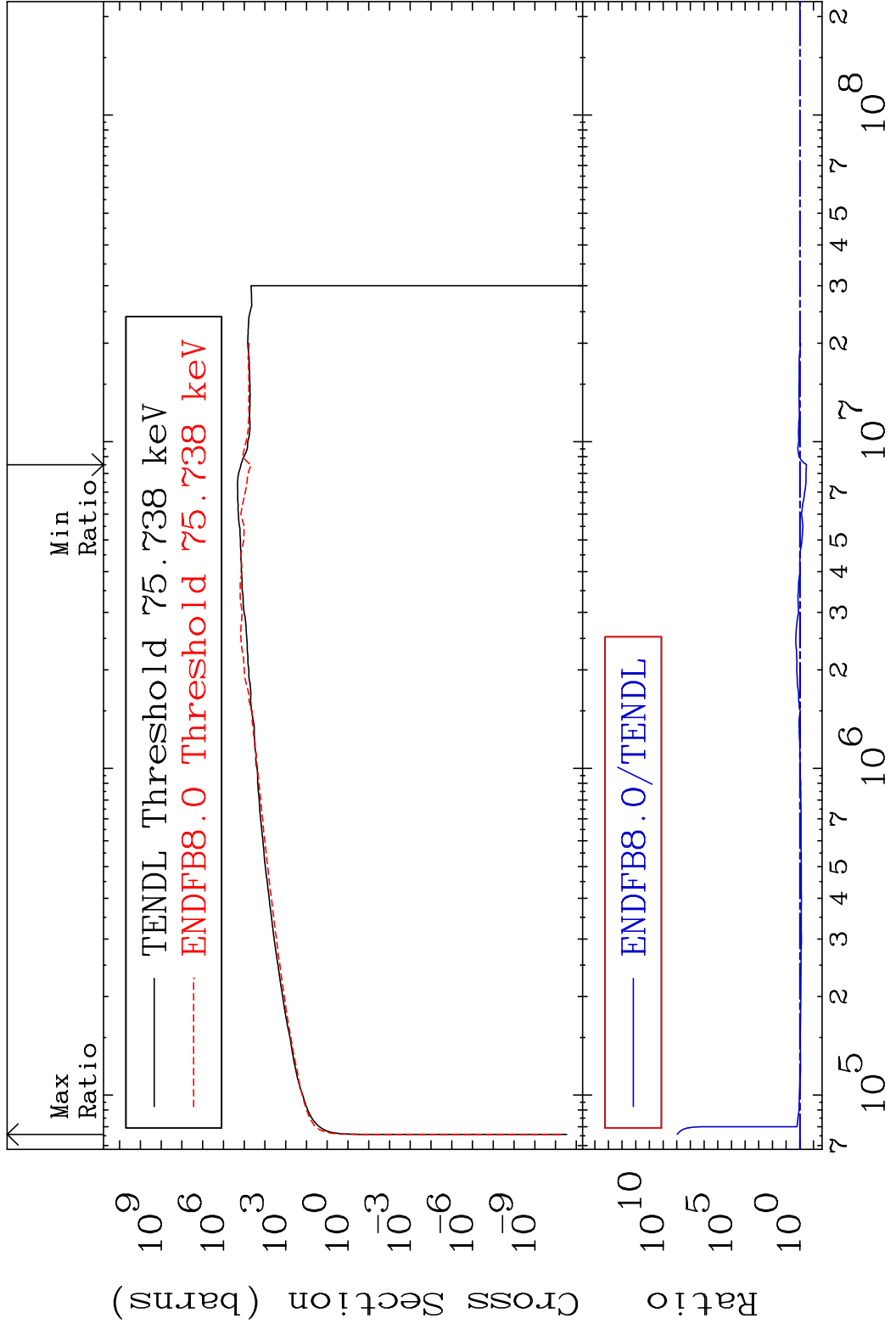
Kerma elastic Cross Section -99.99 To 9999. %
64-Gd-160



MAT 6449 Kerma non-elastic (all but mt2) 64-Gd-160
 Cross Section -93.16 To 9999. %

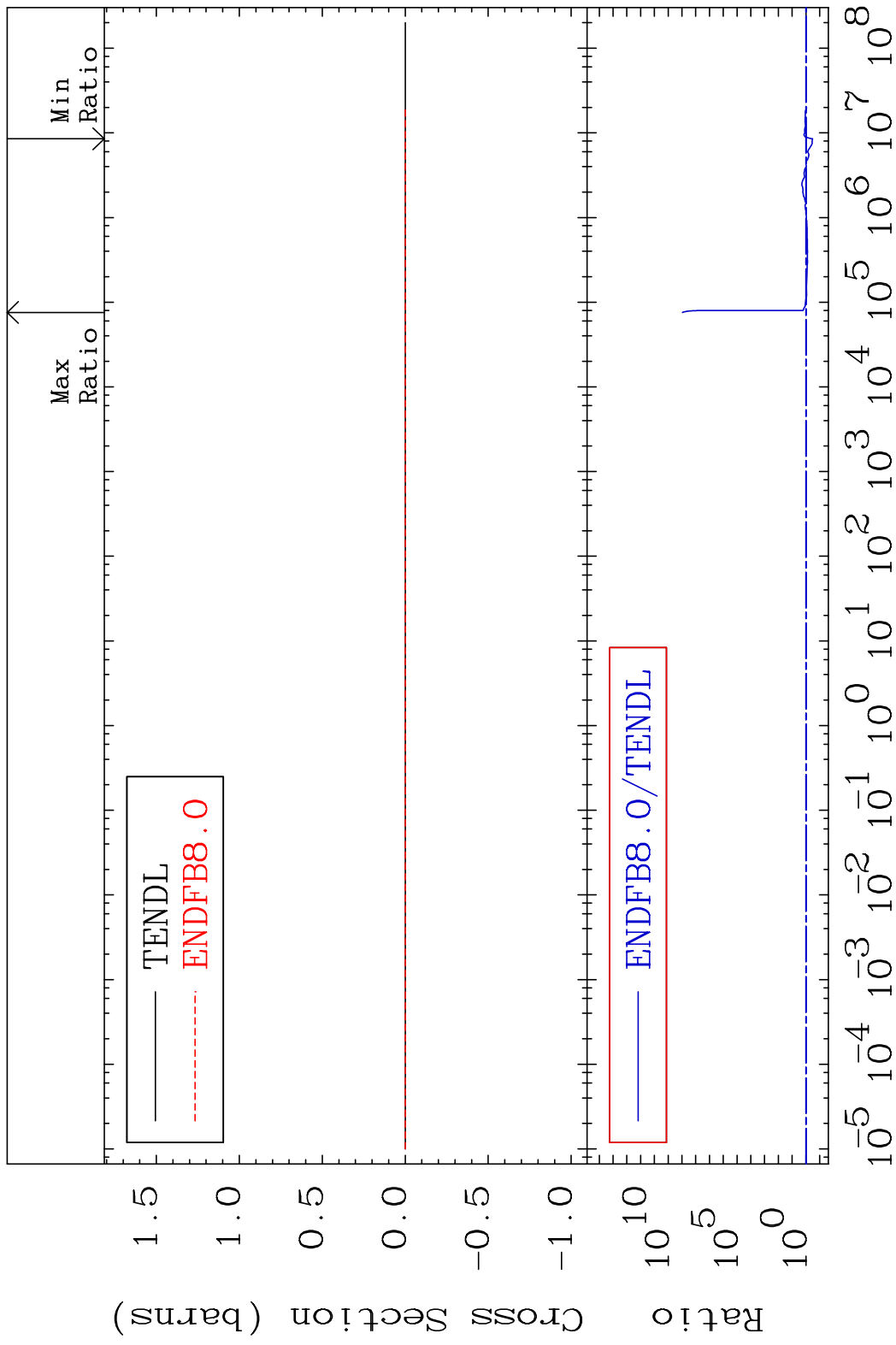


MAT 6449 Kerma inelastic (mt51-91) 64-Gd-160
 Cross Section -67.19 To 9999. %



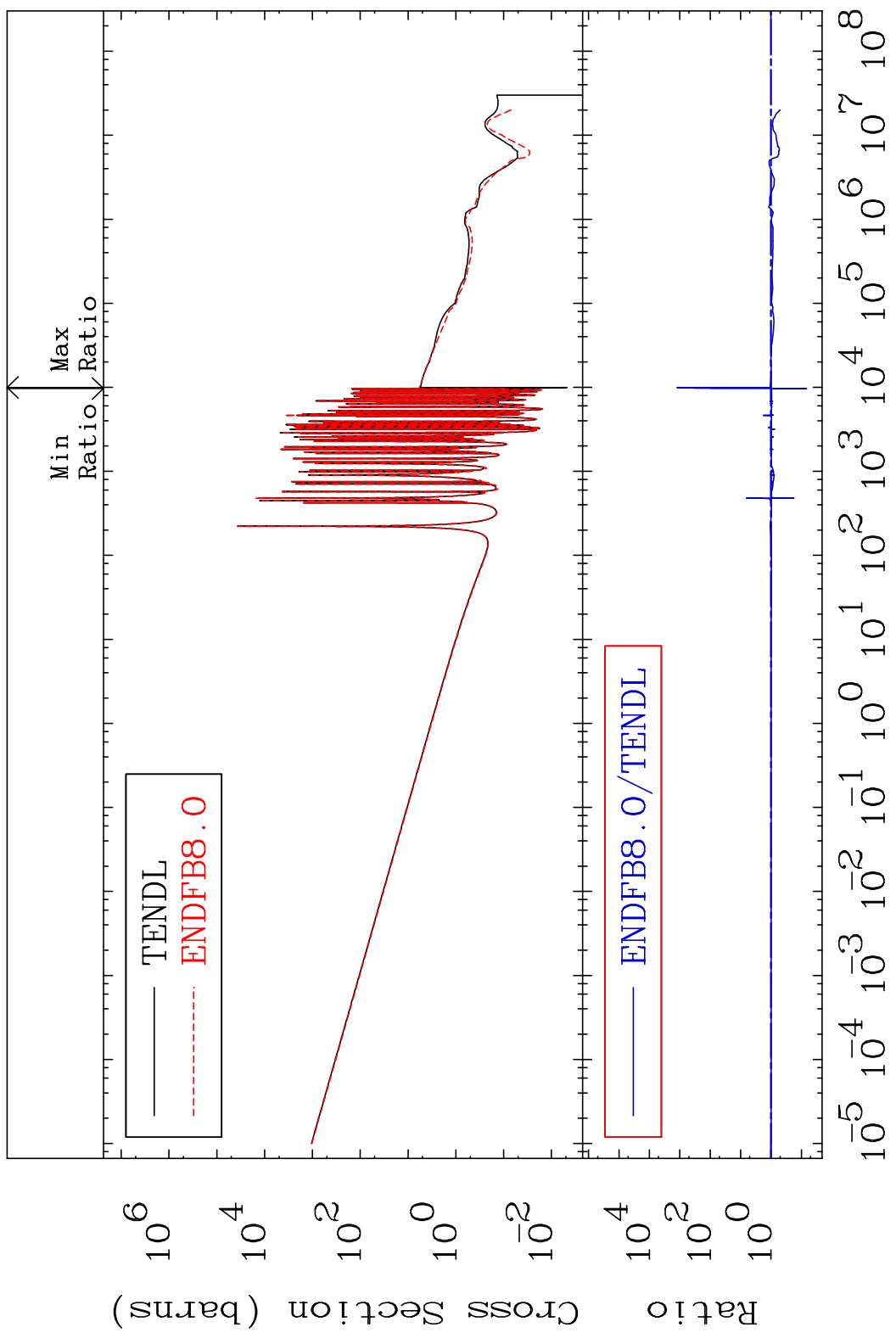
40 Incident Energy (eV) 64-Gd-160

MAT 6449 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-160
 Cross Section -67.19 To 9999. %

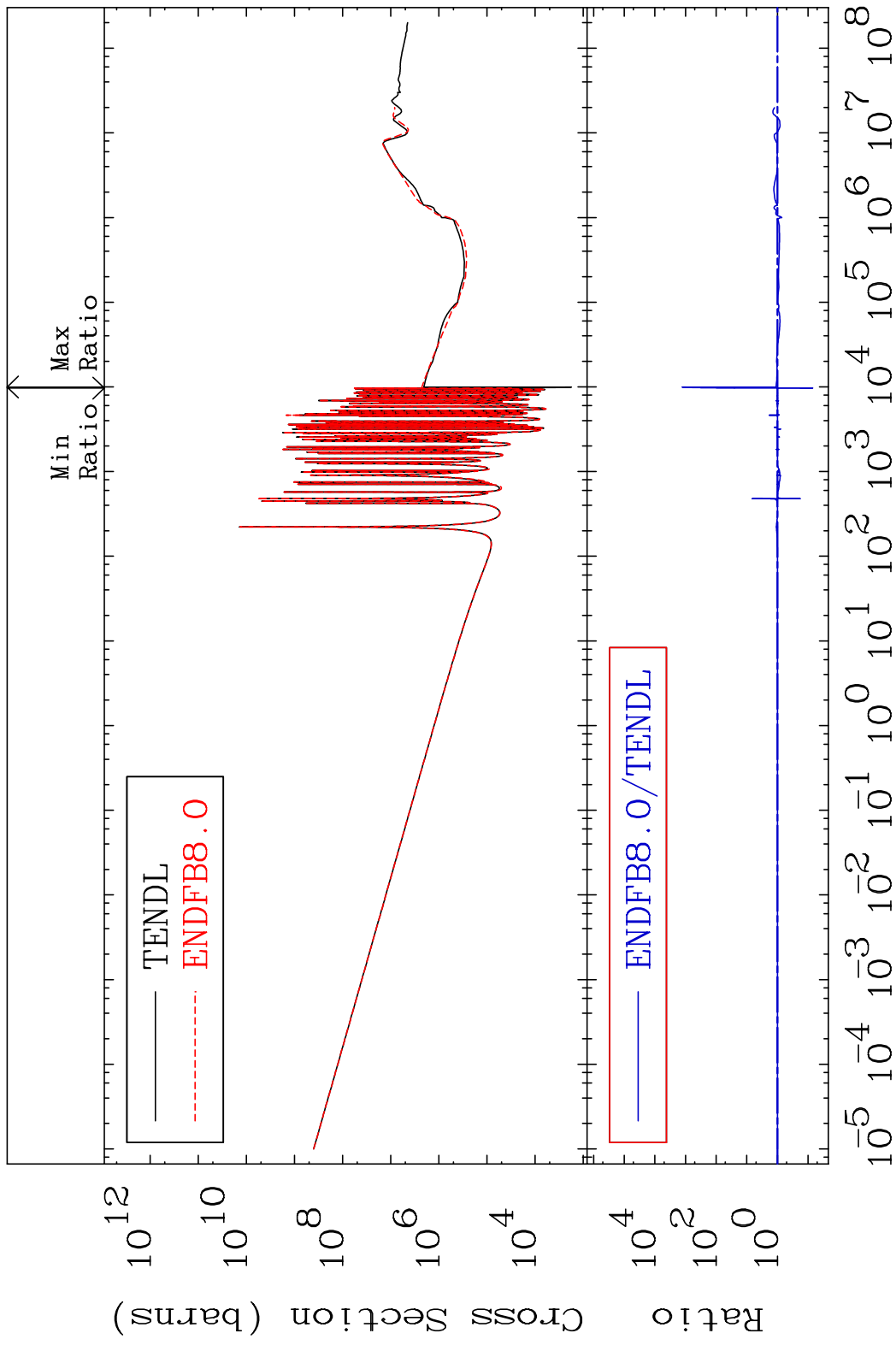


MAT 6449

Kerma capture (mt102) 64-Gd-160
Cross Section -93.16 To 9999. %

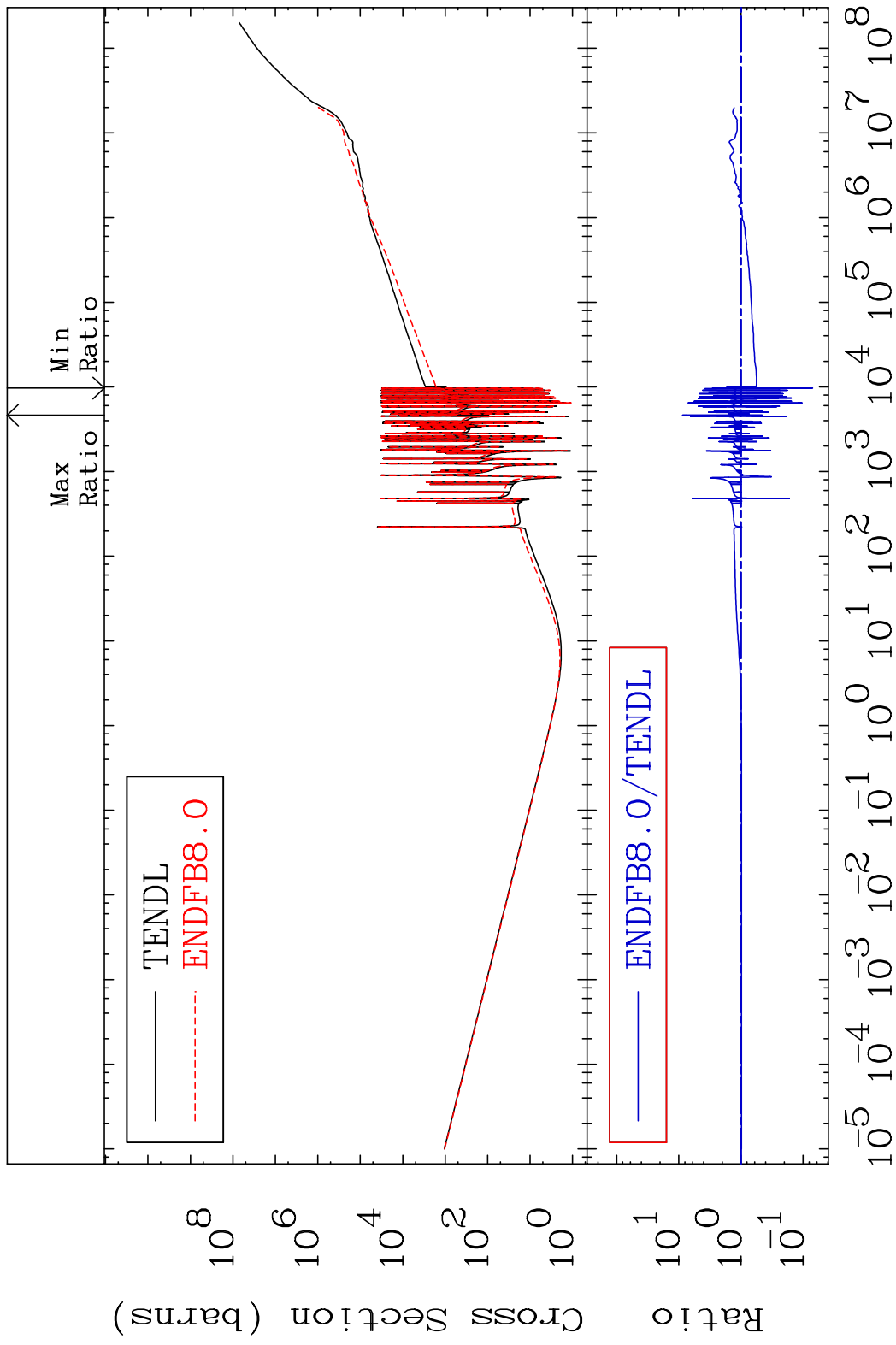


MAT 6449 Total photon (eV-barns) 64-Gd-160
Cross Section -92.88 To 9999. %

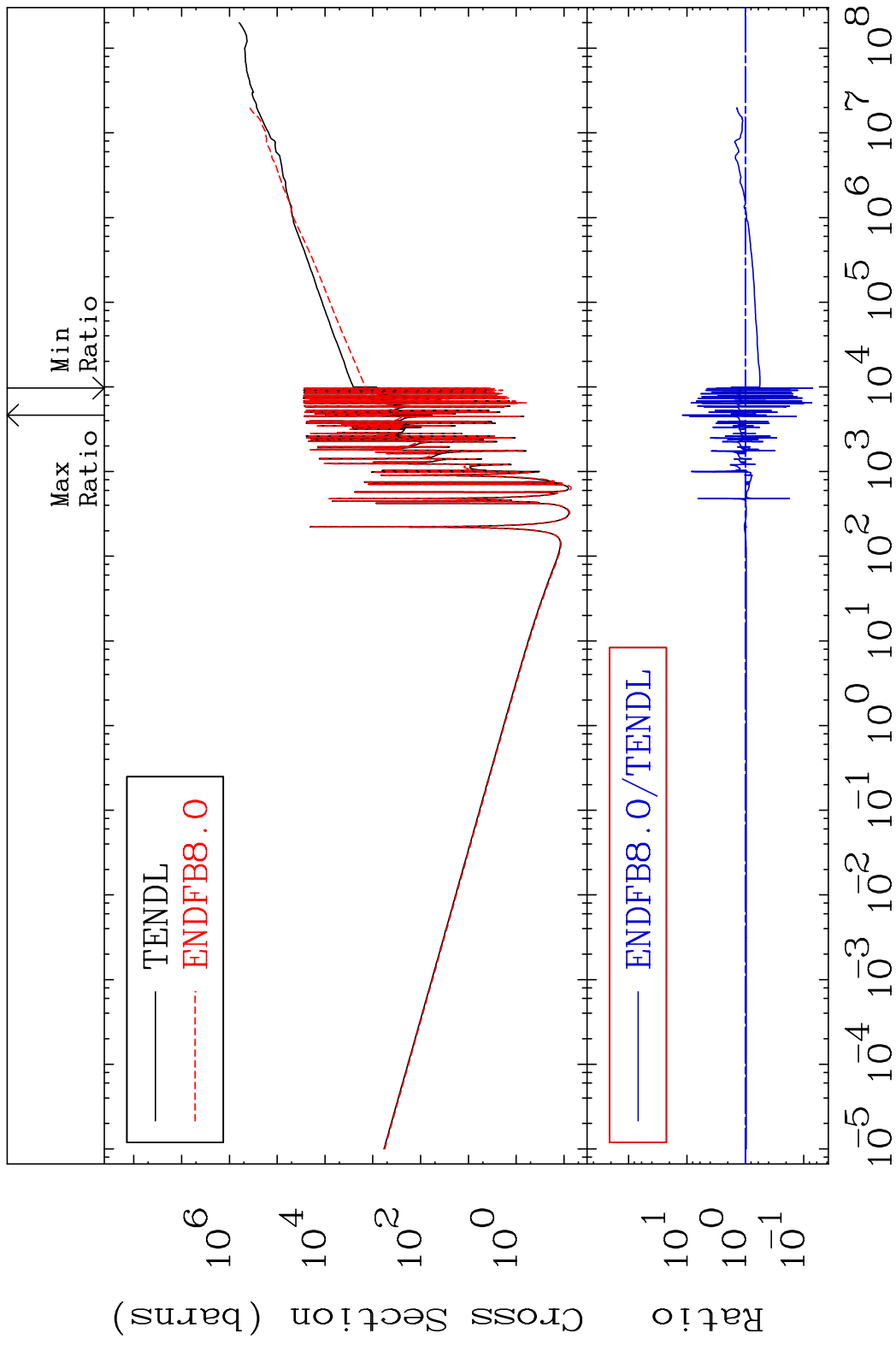


43 Incident Energy (eV) 64-Gd-160

MAT 6449 Total kinematic kerma (high limit) 64-Gd-160
 Cross Section -92.96 To 778.1 %



MAT 6449 Dpa total (eV-barns) 64-Gd-160
 Cross Section -92.96 To 1100. %

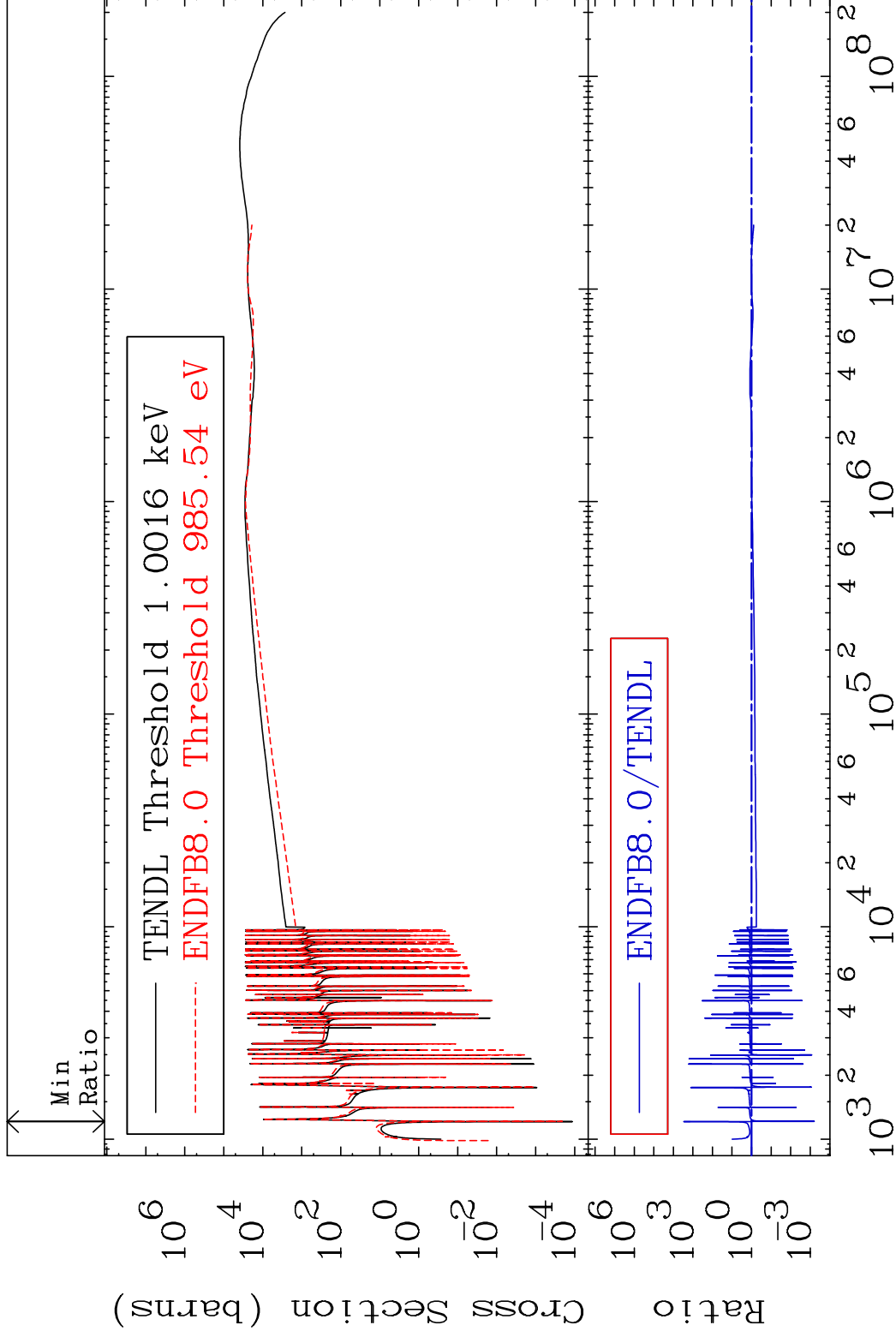


MAT 6449

Dpa elastic (mt2)

64-Gd-160

Cross Section -99.94 To 9999. %



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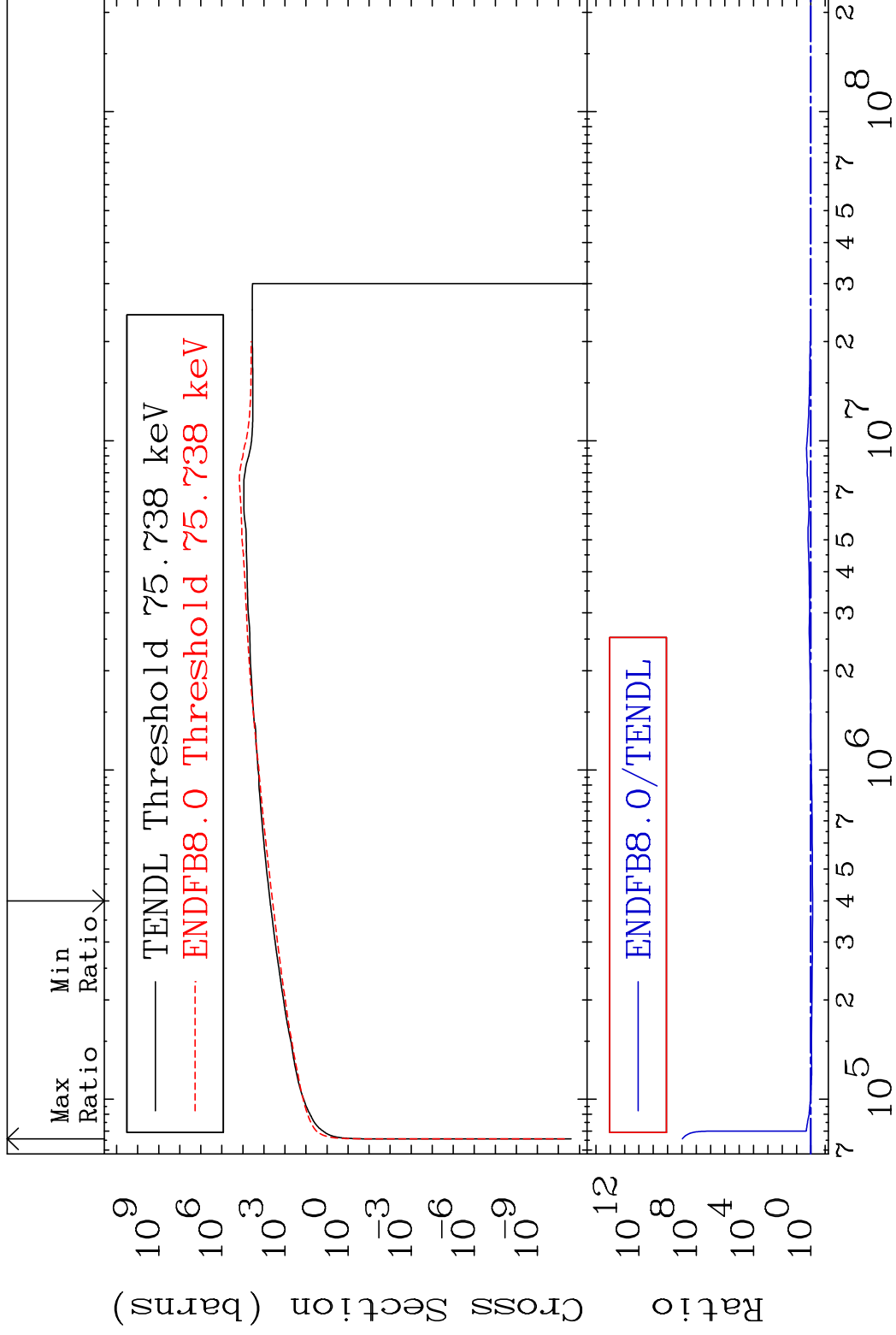
Incident Energy (eV)

64-Gd-160

MAT 6449

Dpa inelastic (mt51-91) 64-Gd-160

Cross Section -23.85 To 9999. %



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Incident Energy (eV)

64-Gd-160

MAT 6449 Dpa disappearance (mt102 -120) 64-Gd-160
 Cross Section -93.29 To 9999. %

