

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

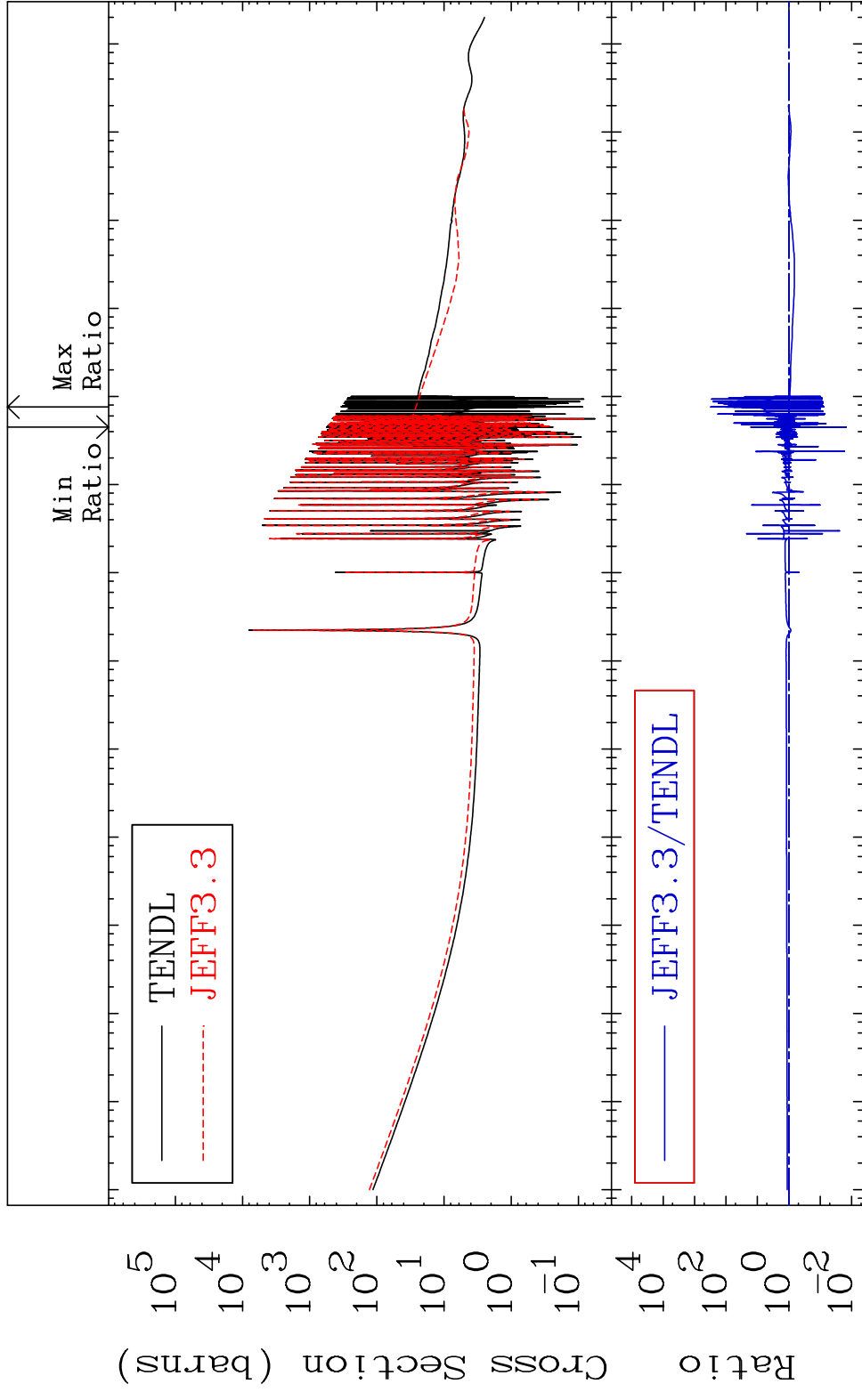
MAT 6443

Total

64-Gd-158

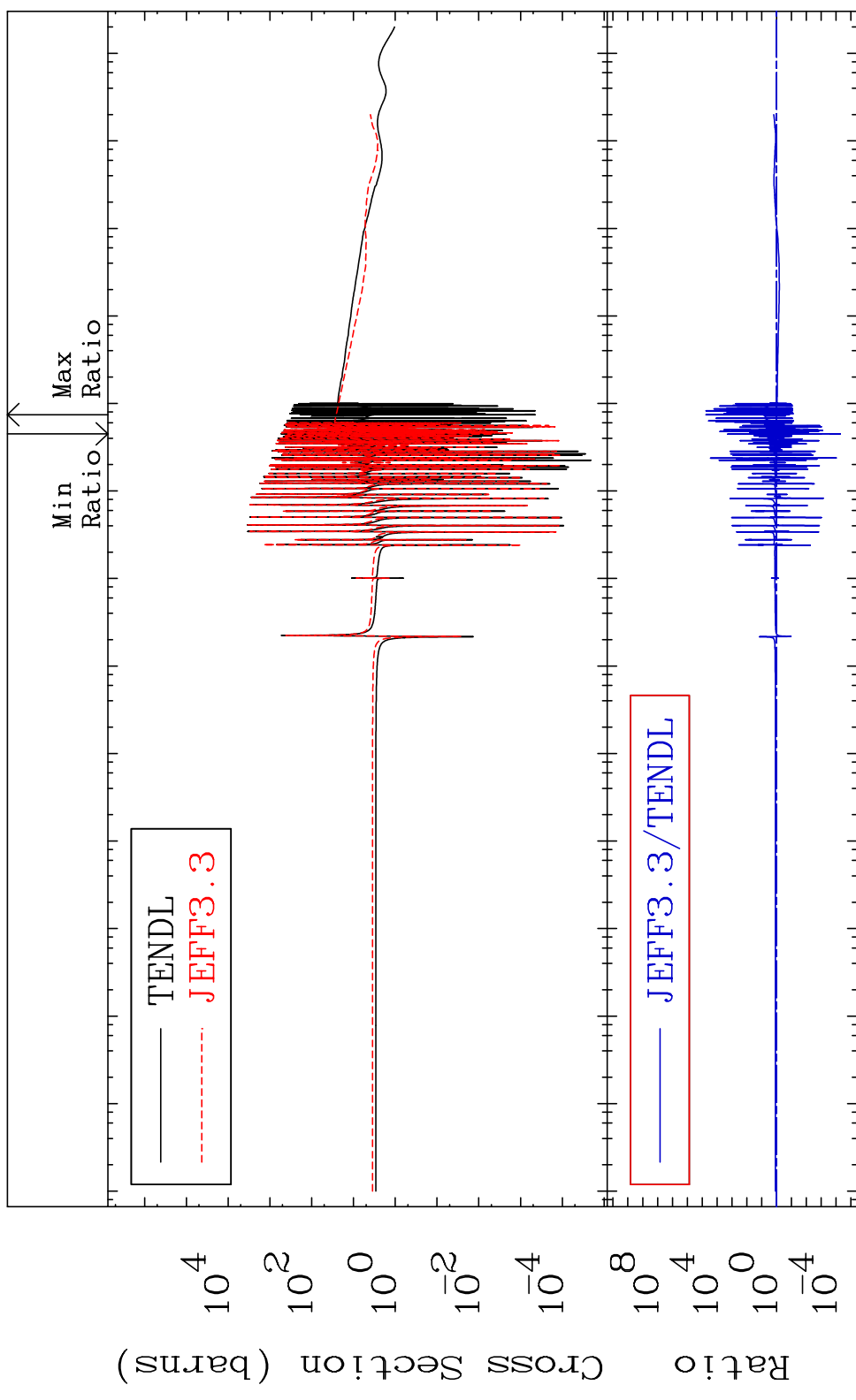
Cross Section

-98.52 To 9999. %



MAT 6443

Elastic Cross Section
64-Gd-158
-99.99 To 9999. %

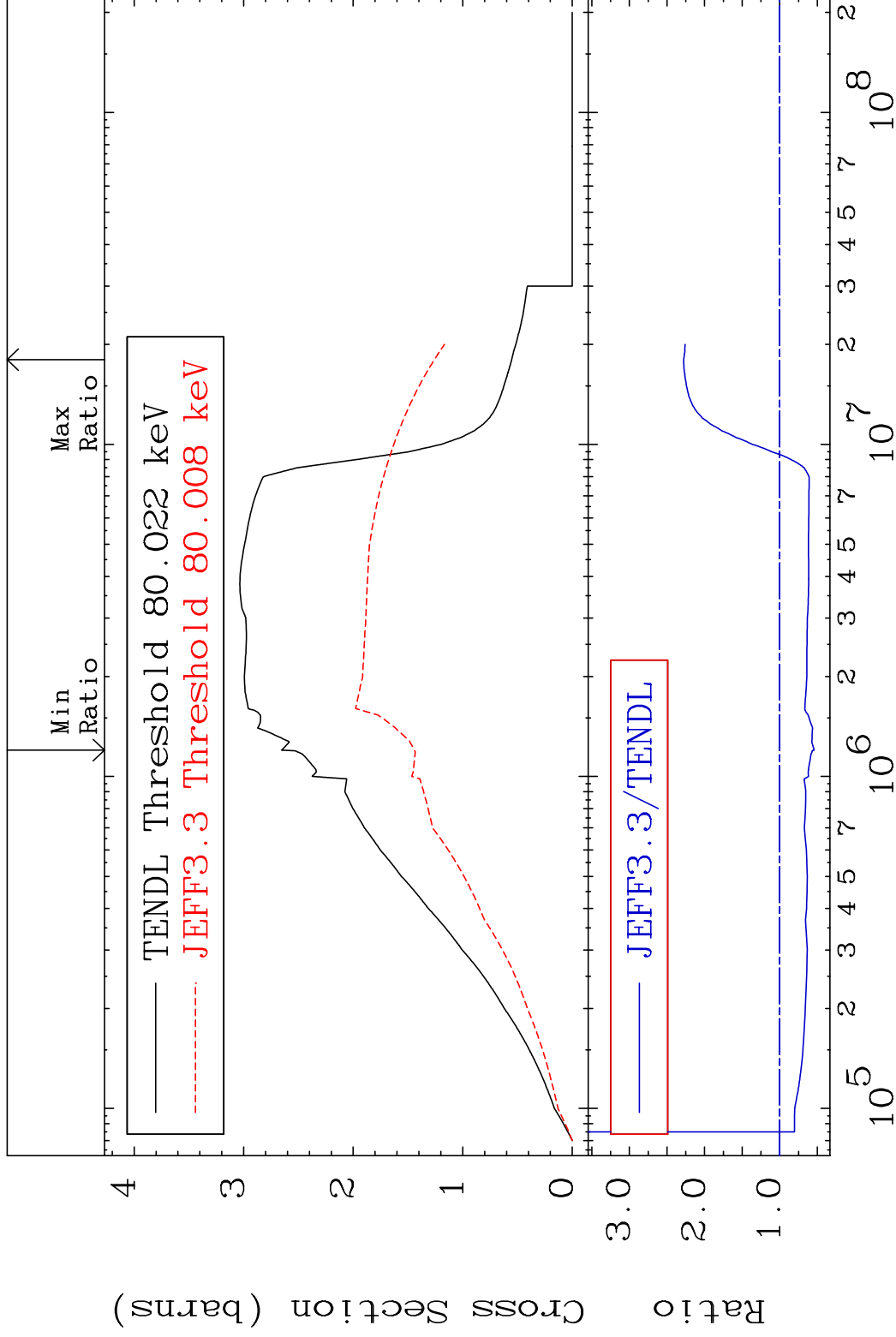


MAT 6443

Inelastic

64-Gd-158

Cross Section -45.68 To 127.8 %

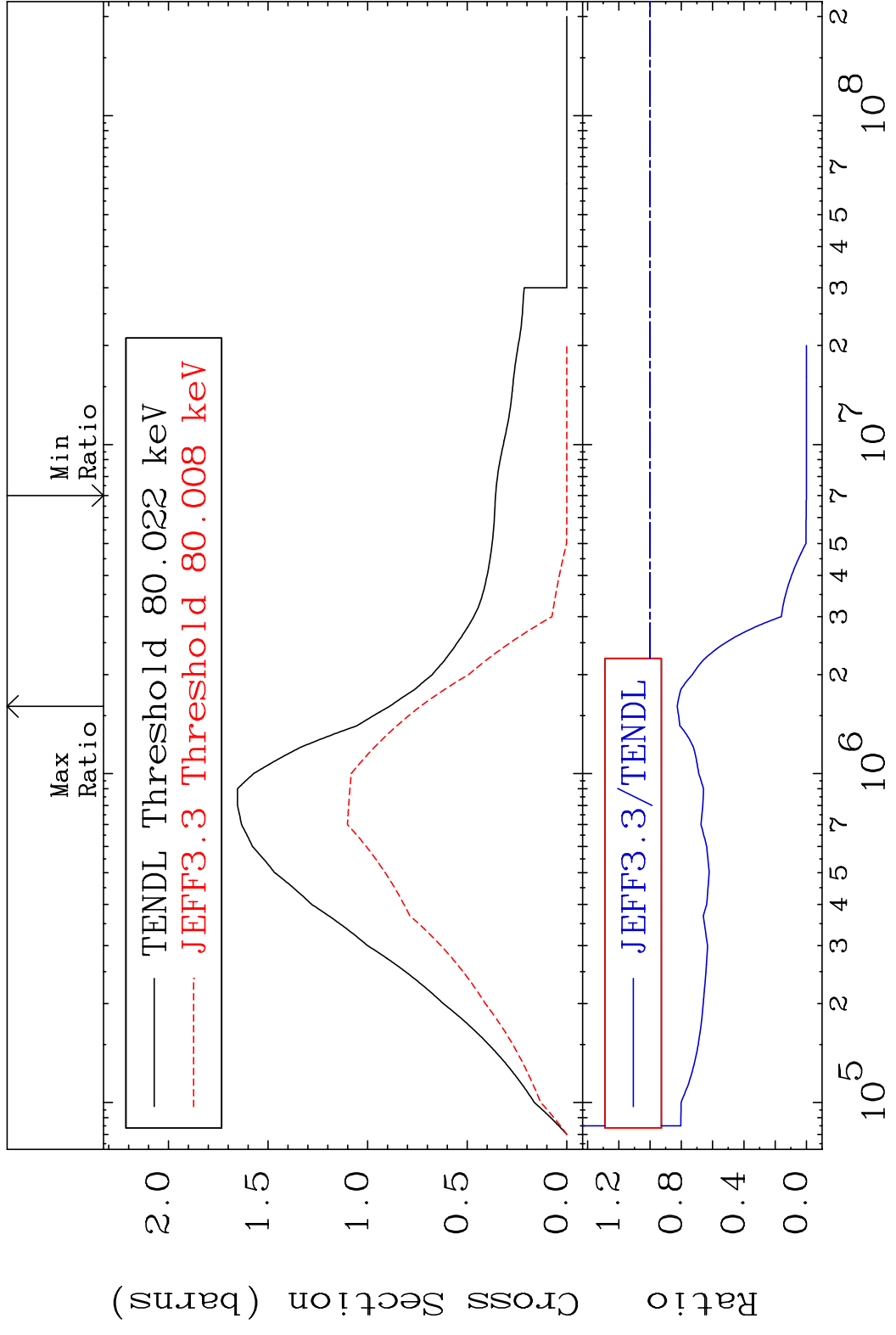


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Incident Energy (eV)

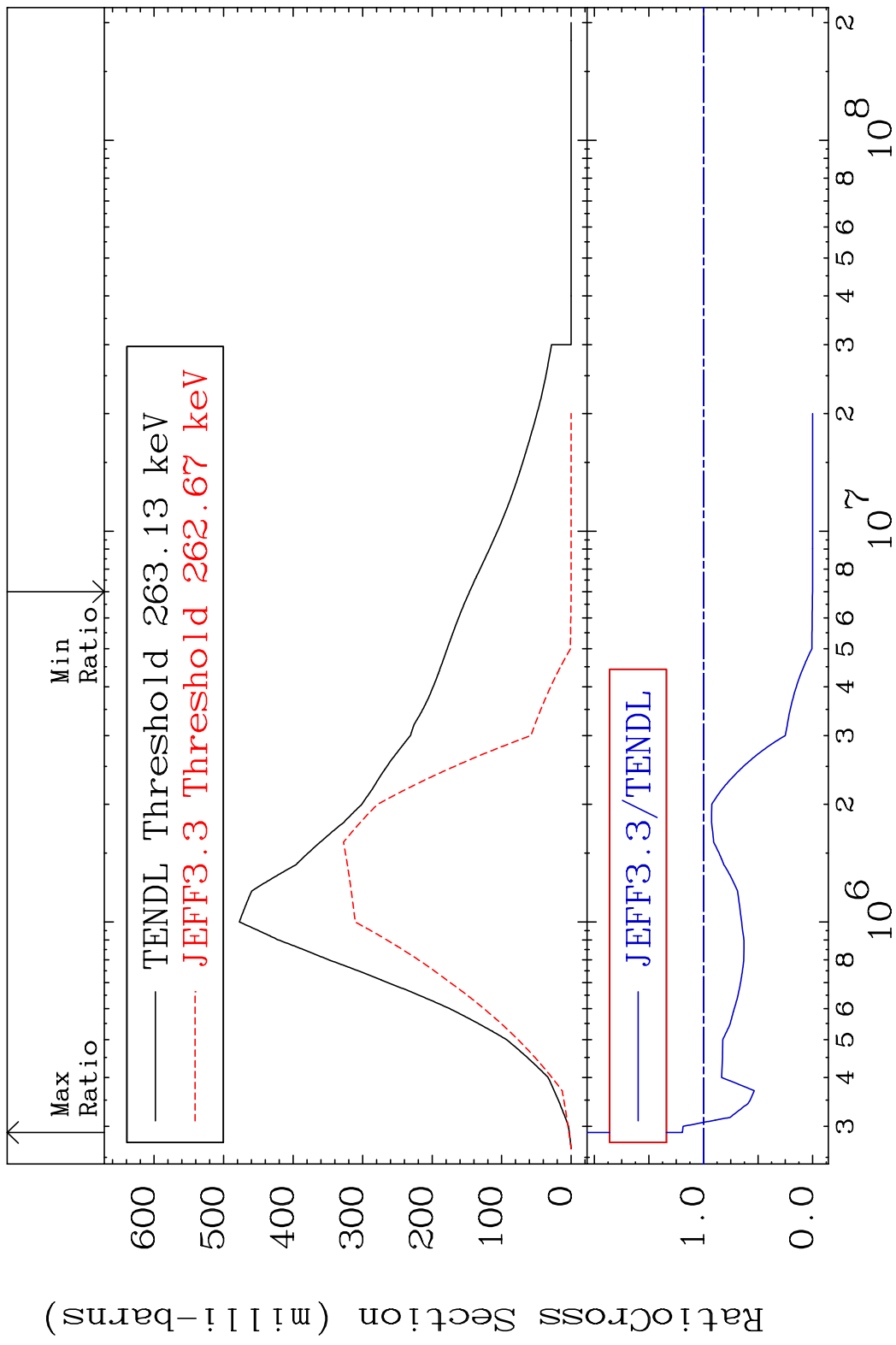
64-Gd-158

MAT 6443 MT= 51 (n, n') Level 64-Gd-158
 Cross Section -100.0 To -17.33%

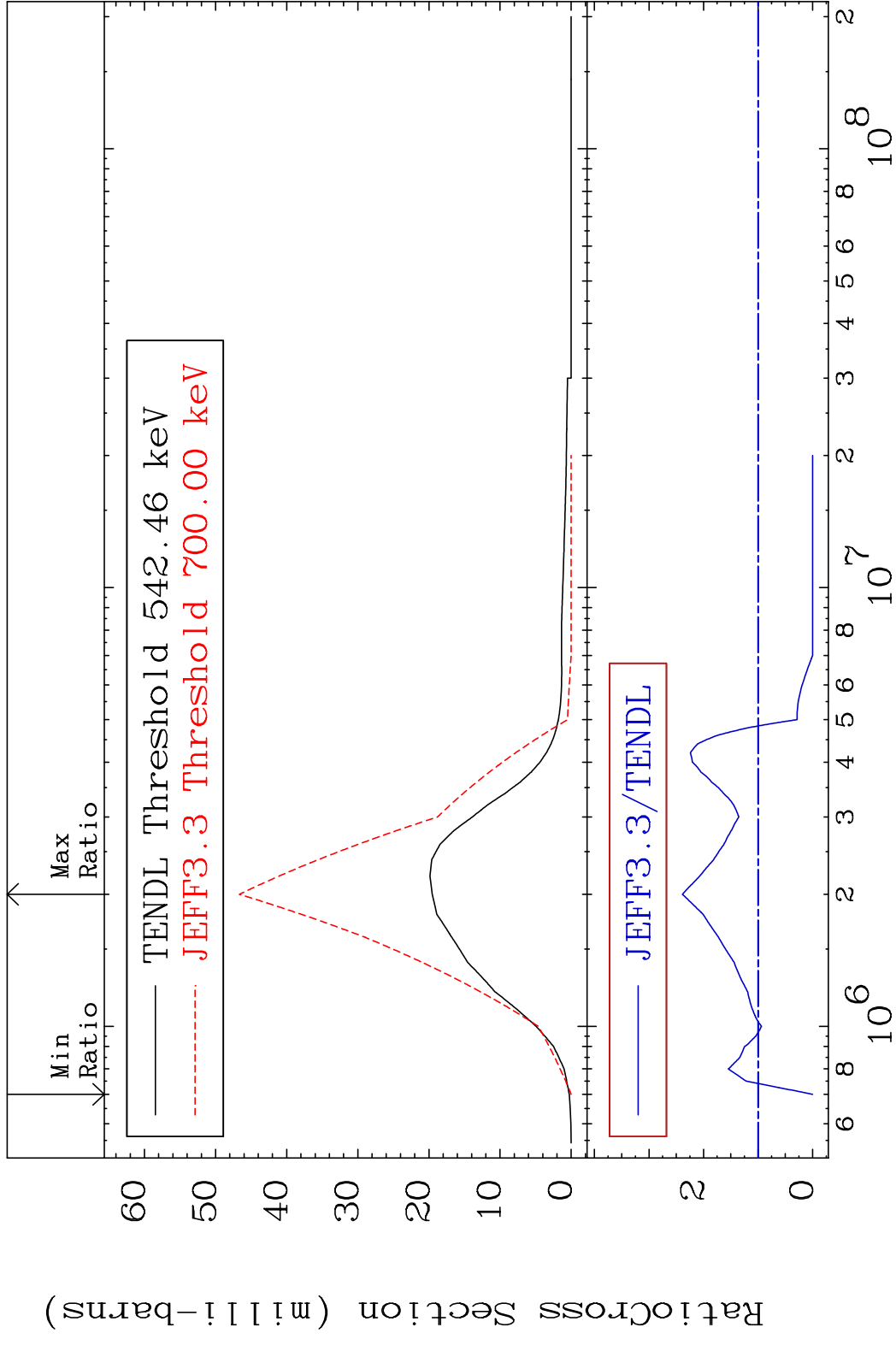


4 Incident Energy (eV) 64-Gd-158

MAT 6443 MT= 52 (n, n') Level 64-Gd-158
 Cross Section -100.0 To 19.39 %

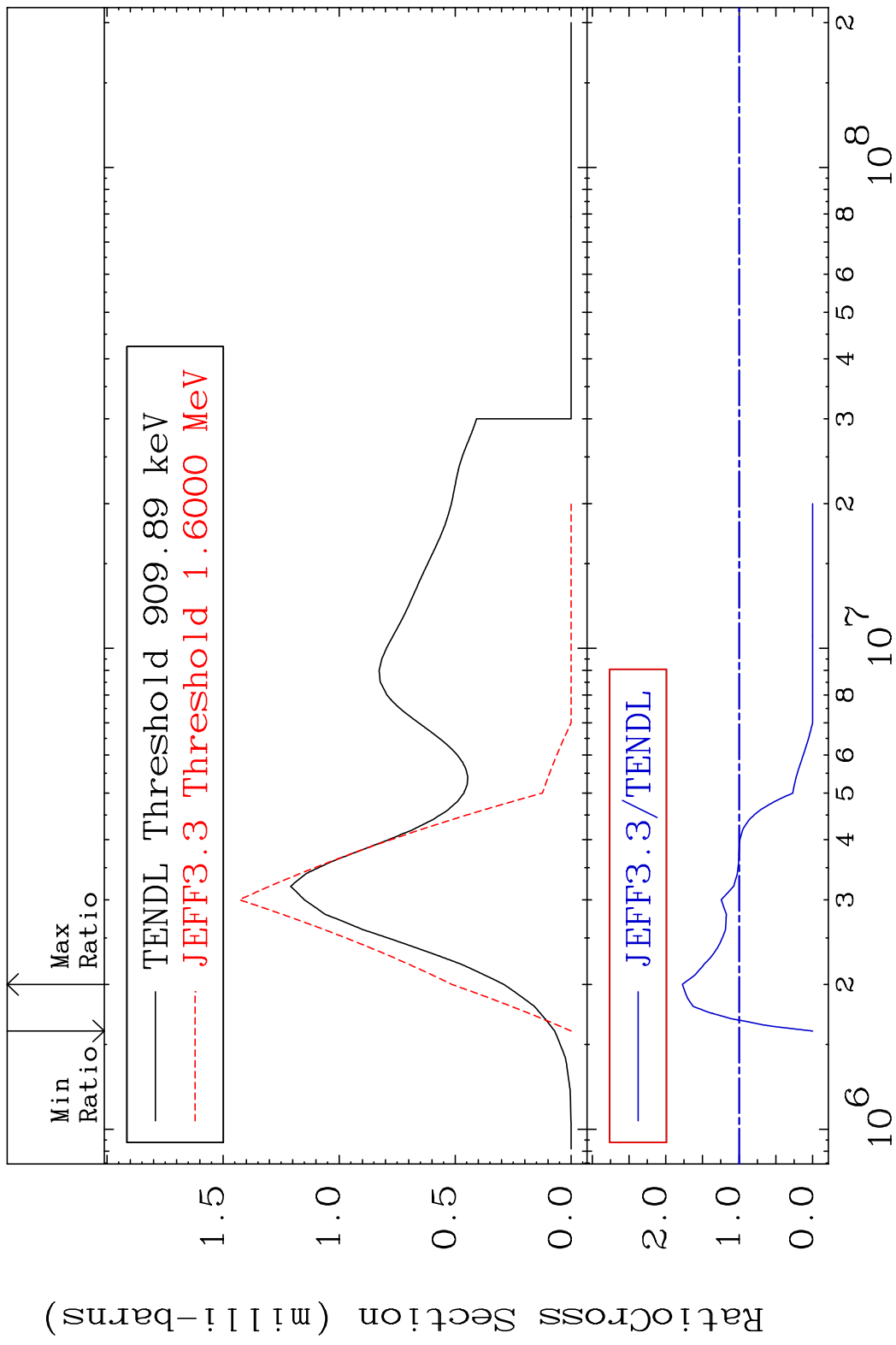


MAT 6443 MT= 53 (n, n') Level 64-Gd-158
 Cross Section -100.0 To 138.8 %



6 Incident Energy (eV) 64-Gd-158

MAT 6443 MT= 54 (n,n') Level 64-Gd-158
 Cross Section -100.0 To 77.34 %



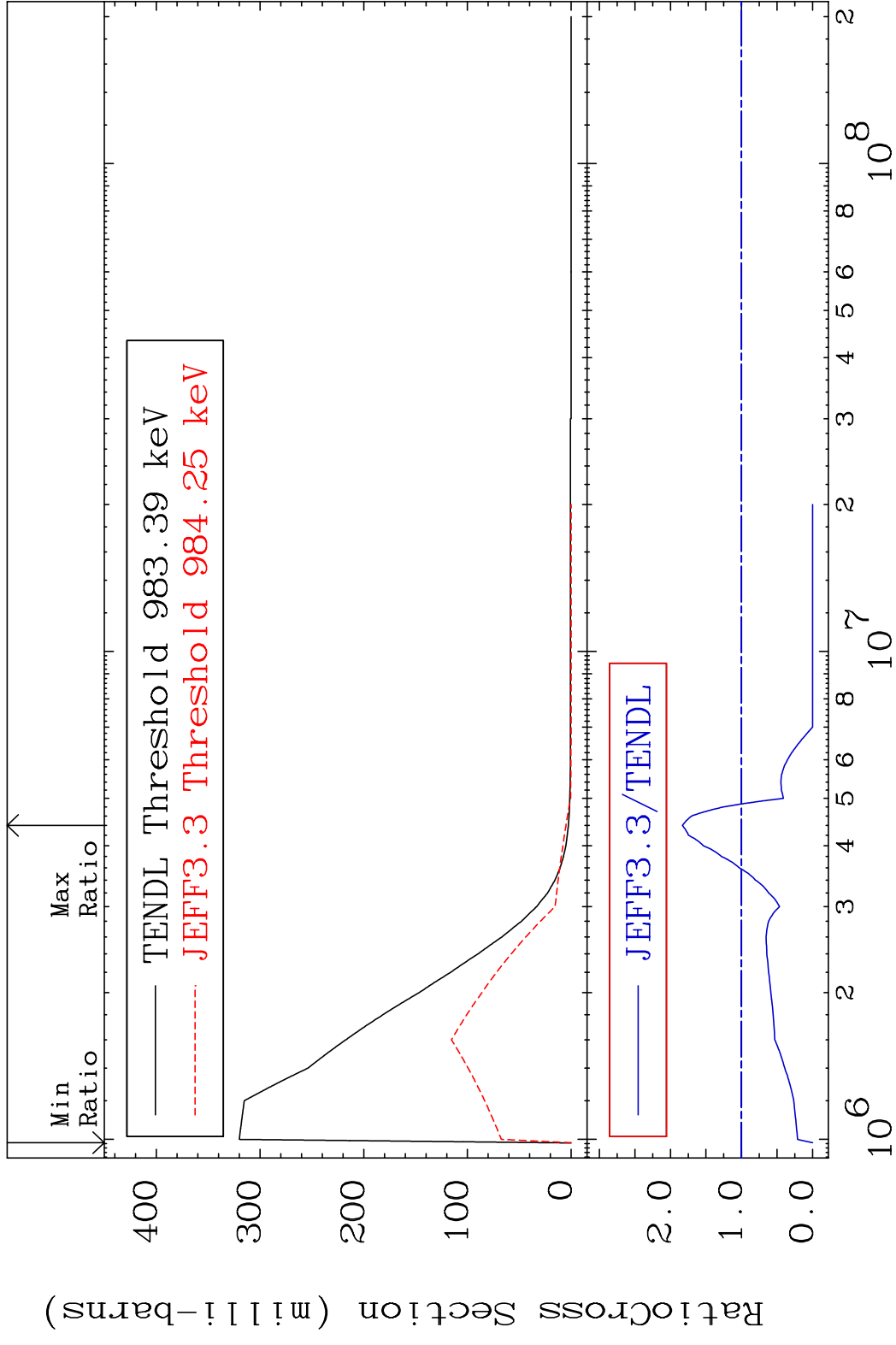
7 Incident Energy (eV) 64-Gd-158

MAT 6443

MT= 55 (n,n') Level

64-Gd-158

Cross Section -100.0 To 83.26 %

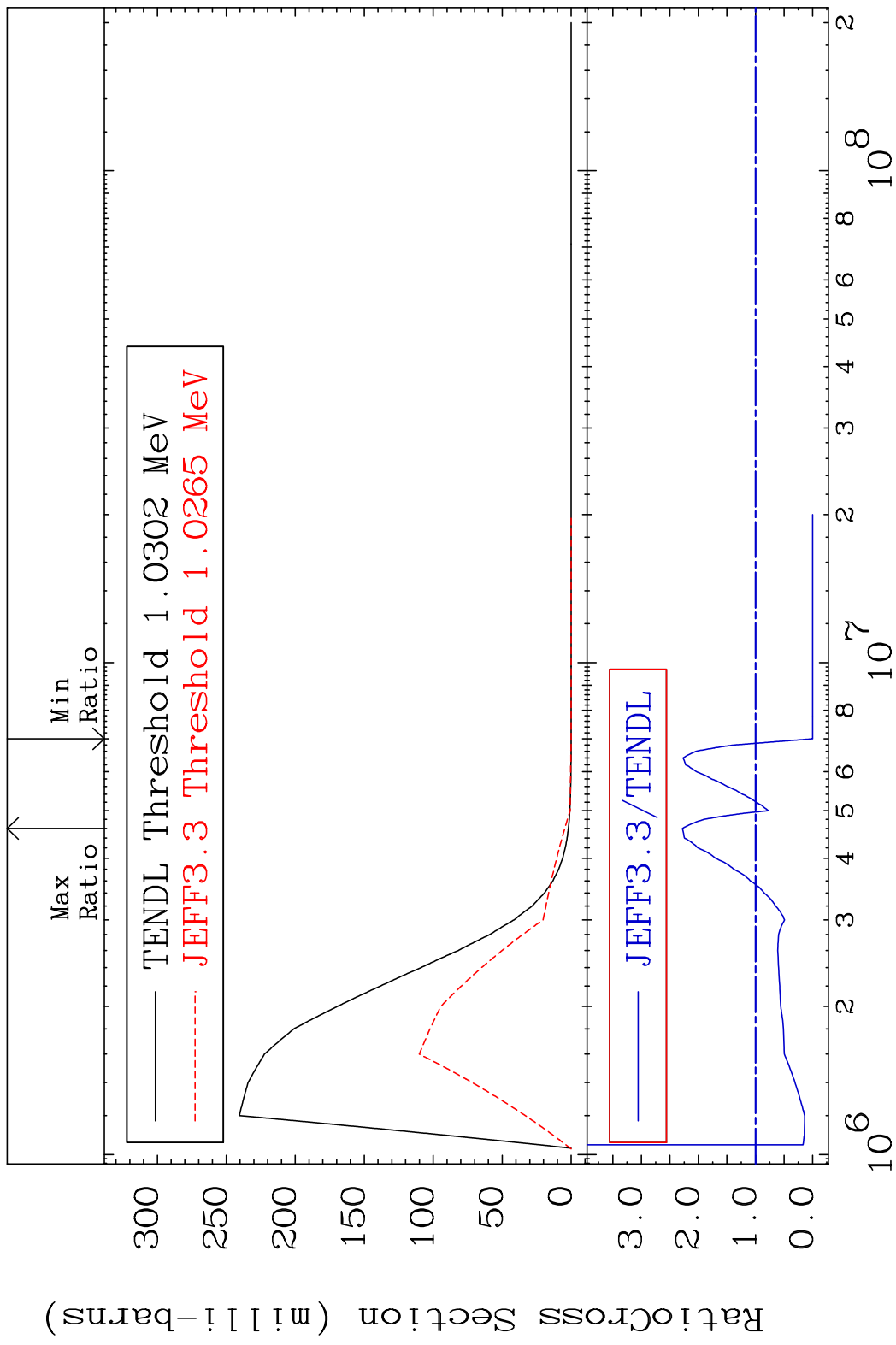


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Incident Energy (eV)

64-Gd-158

MAT 6443 MT= 56 (n, n') Level 64-Gd-158
 Cross Section -100.0 To 128.1 %



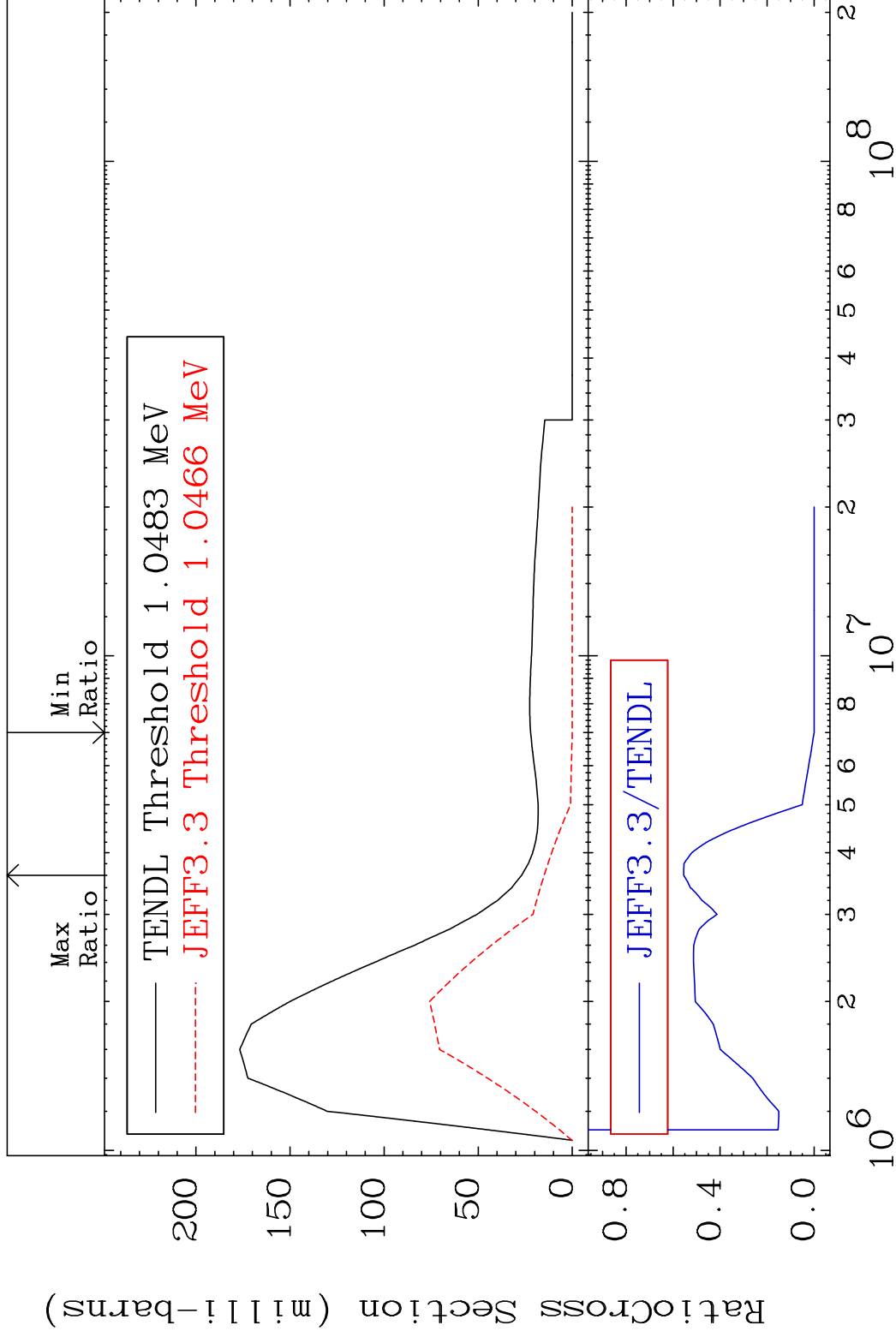
9 Incident Energy (eV) 64-Gd-158

MAT 6443

MT= 57 (n,n') Level

64-Gd-158

Cross Section -100.0 To -44.50%

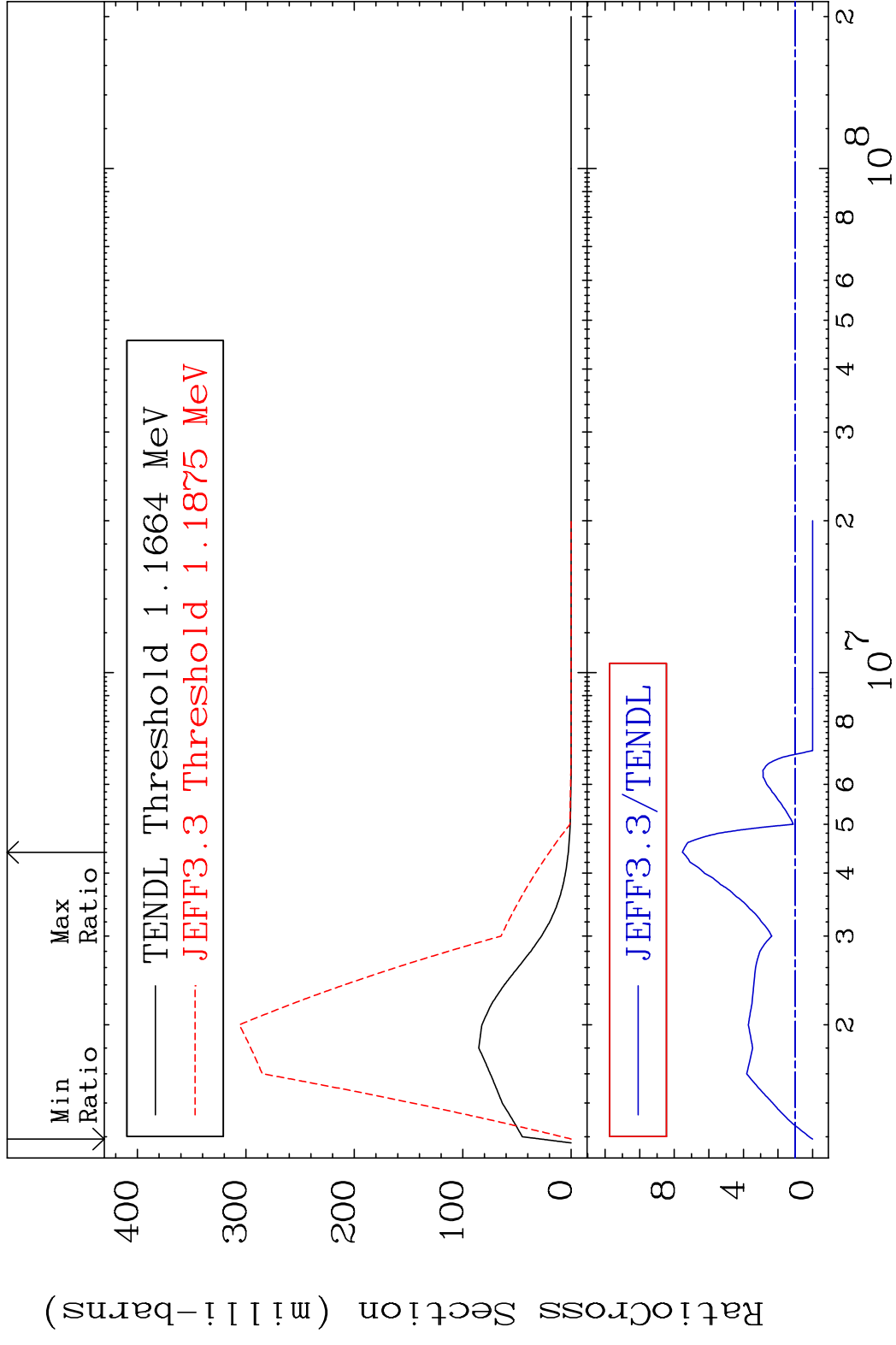


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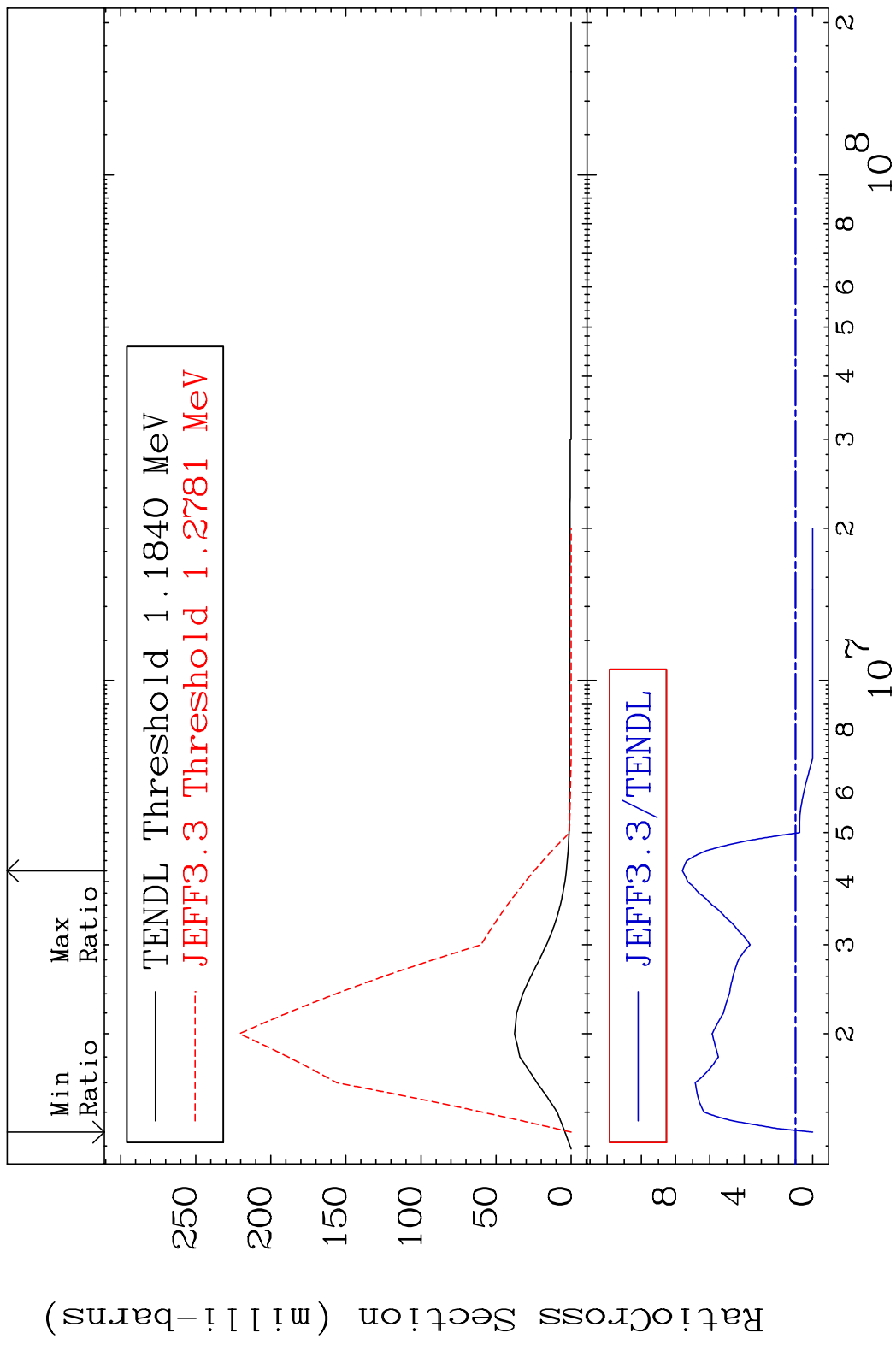
Incident Energy (eV)

64-Gd-158

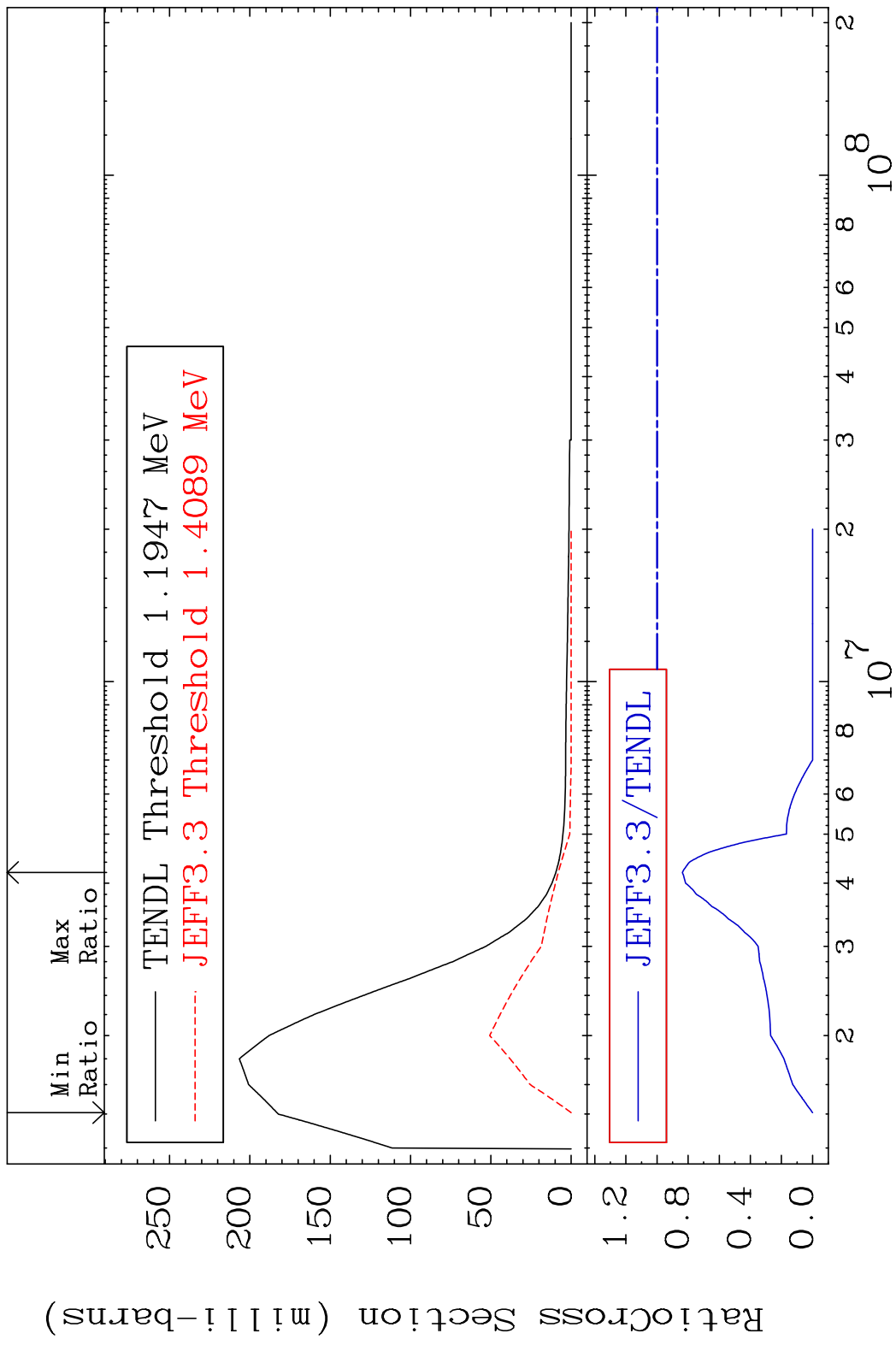
MAT 6443 MT= 58 (n, n') Level 64-Gd-158
 Cross Section -100.0 To 653.2 %



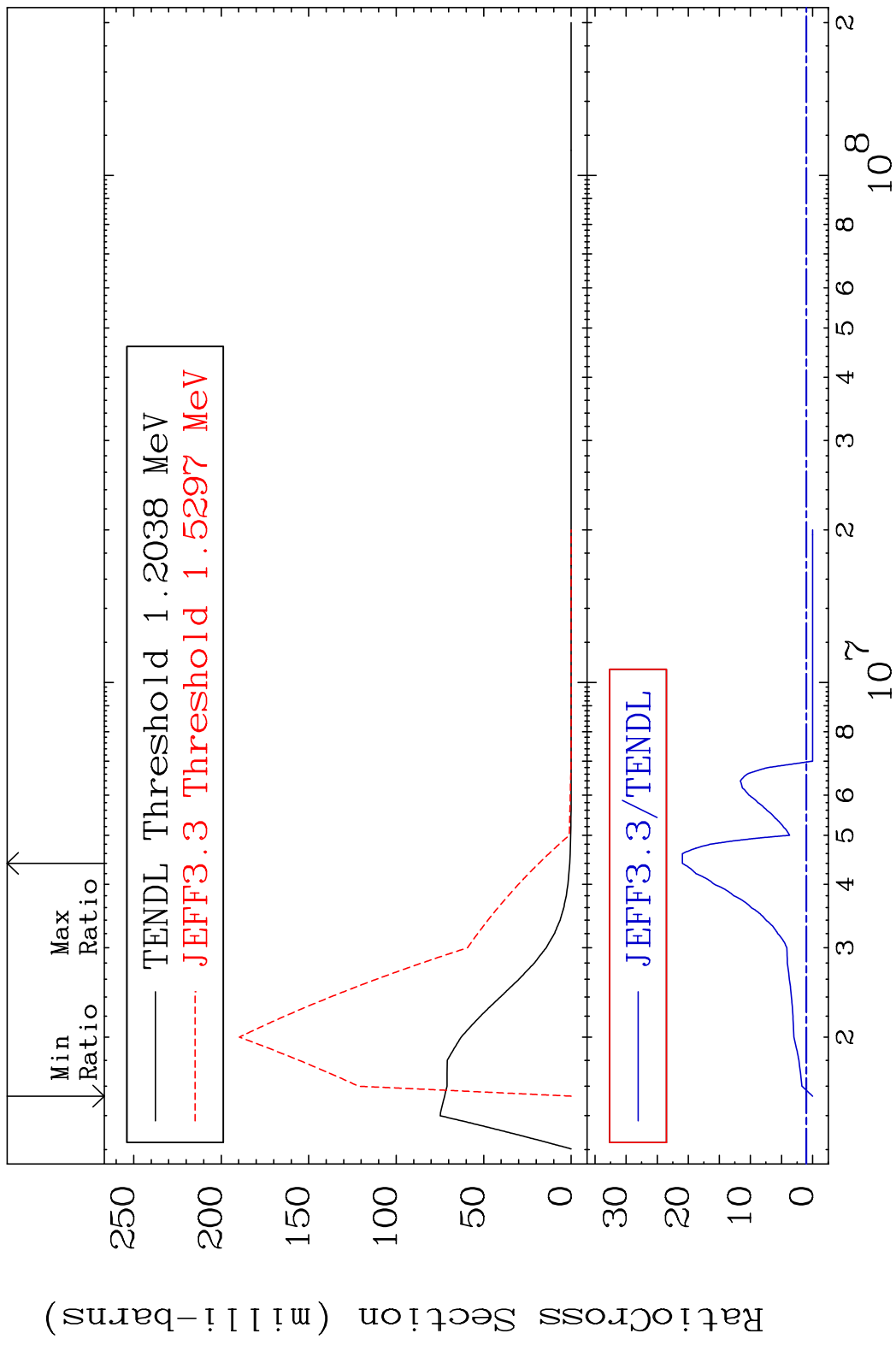
MAT 6443 MT= 59 (n, n') Level 64-Gd-158
 Cross Section -100.0 To 660.5 %



MAT 6443 MT= 60 (n, n') Level 64-Gd-158
 Cross Section -100.0 To -16.28%



MAT 6443 MT= 61 (n, n') Level 64-Gd-158
 Cross Section -100.0 To 1995. %

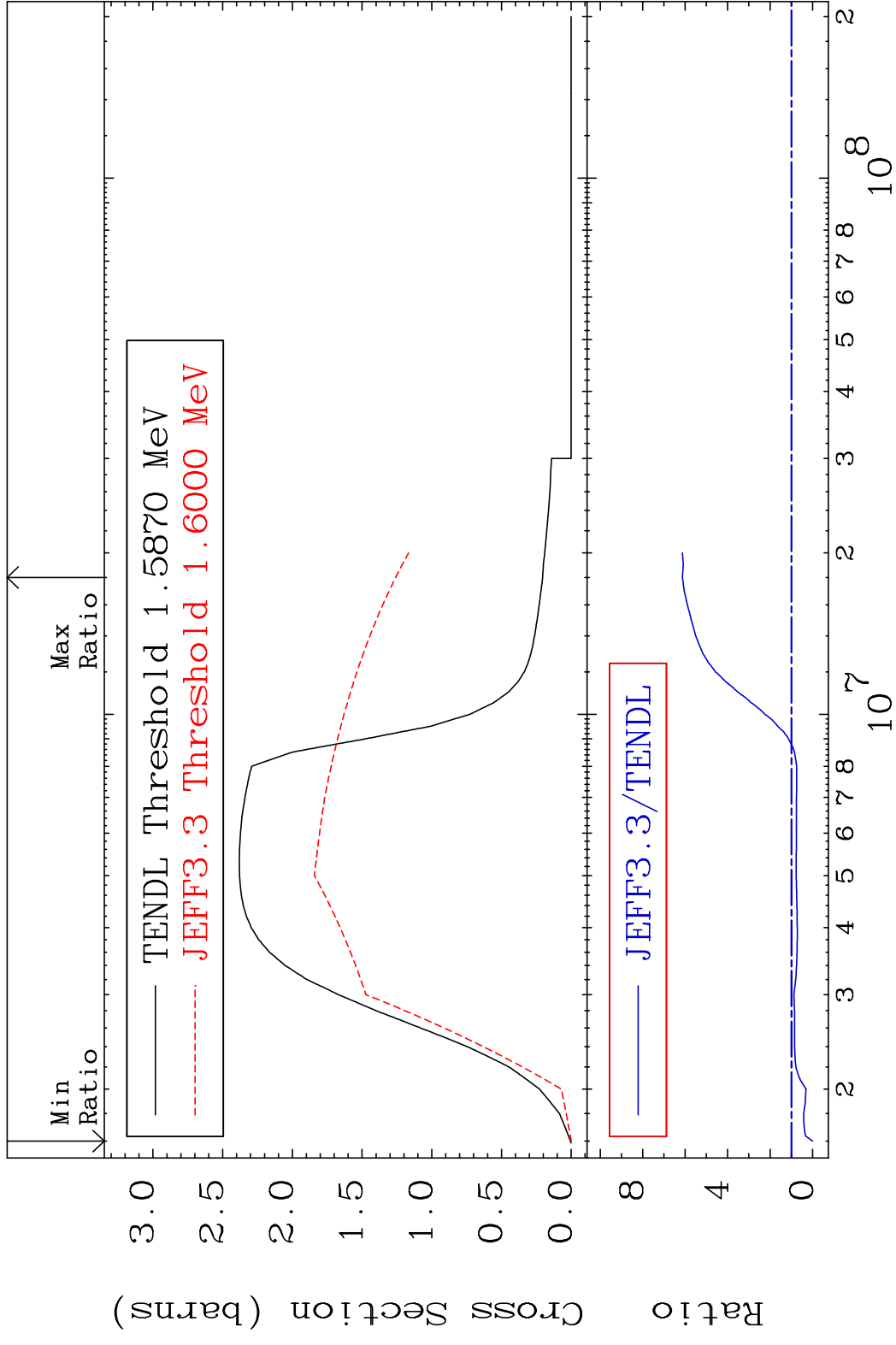


MAT 6443

(n,n') Continuum

64-Gd-158

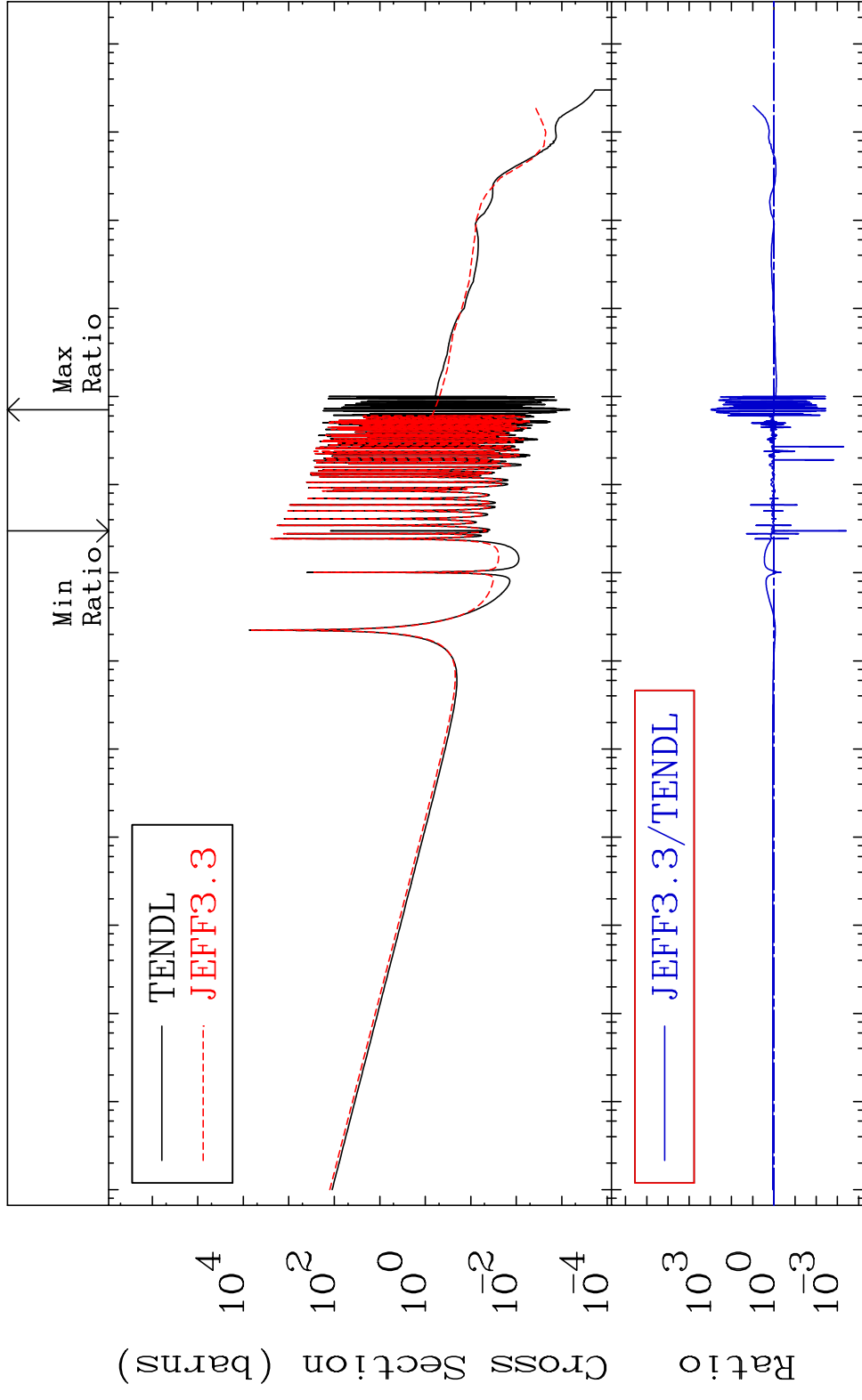
Cross Section -100.0 To 513.2 %



MAT 6443

(n, γ)
Cross Section -99.96 To 9999. %

64-Gd-158

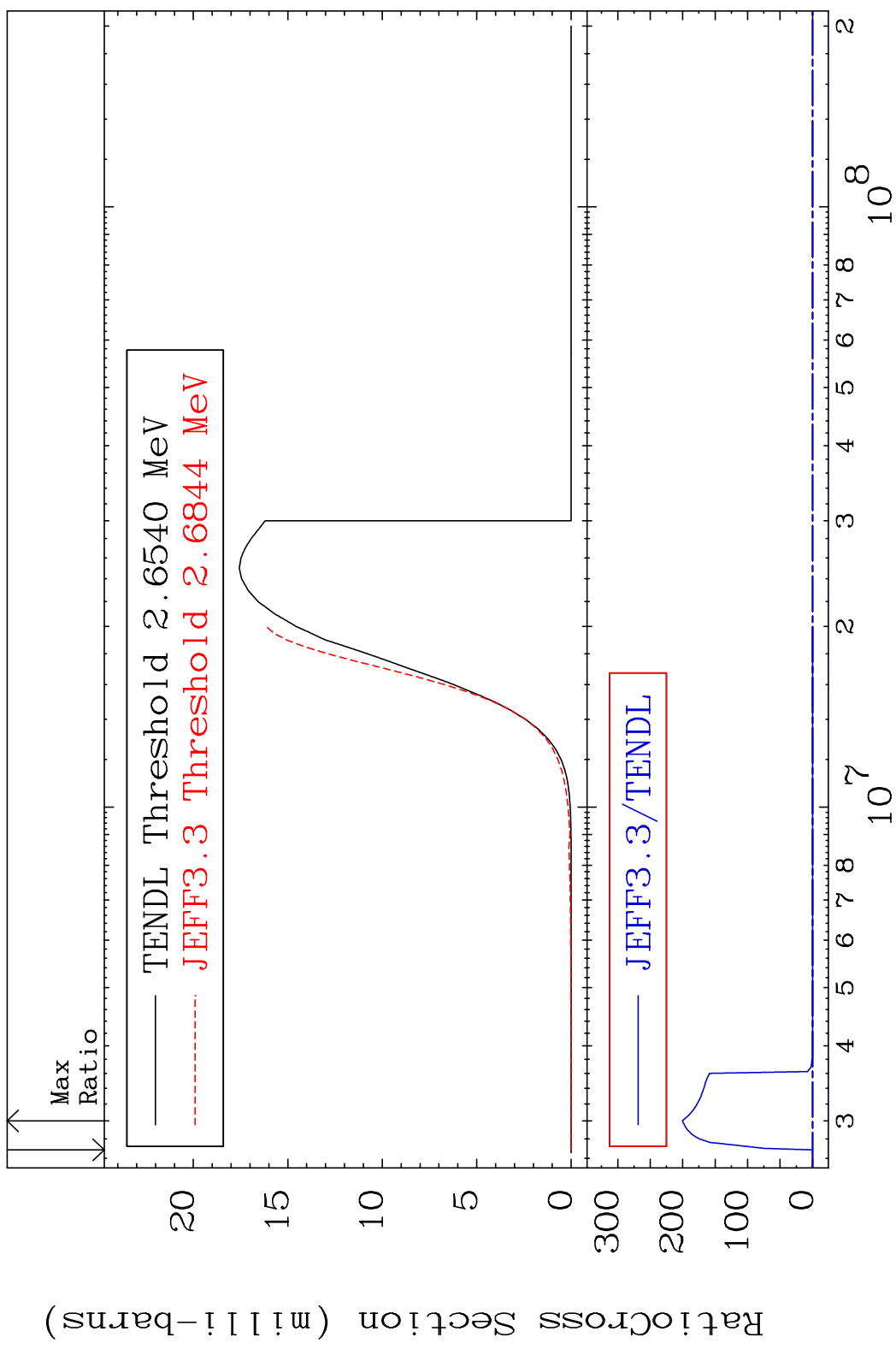


MAT 6443

(n,p)

64-Gd-158

Cross Section -100.0 To 9999. %

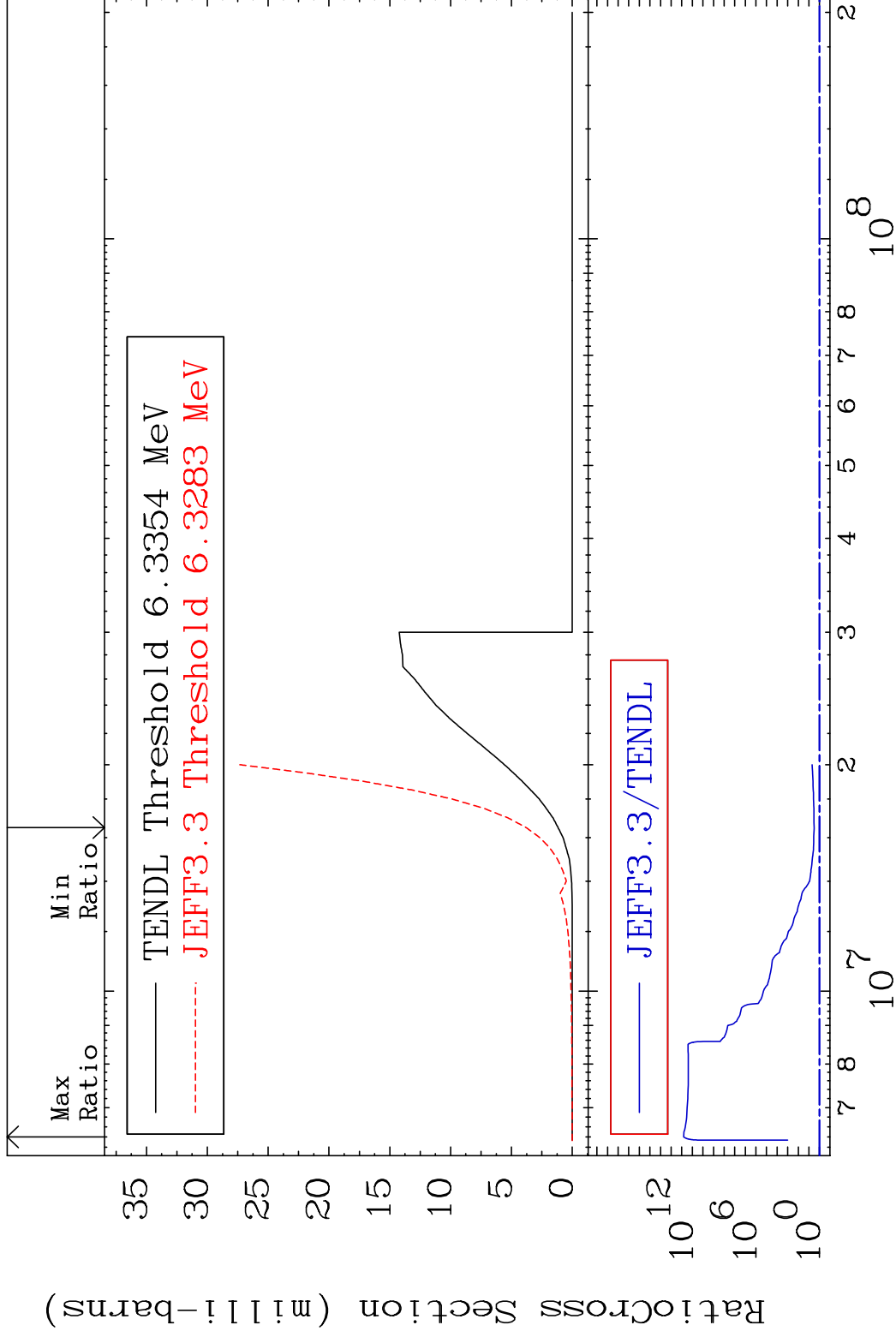


MAT 6443

(n,d)

64-Gd-158

Cross Section 223.8 To 9999. %

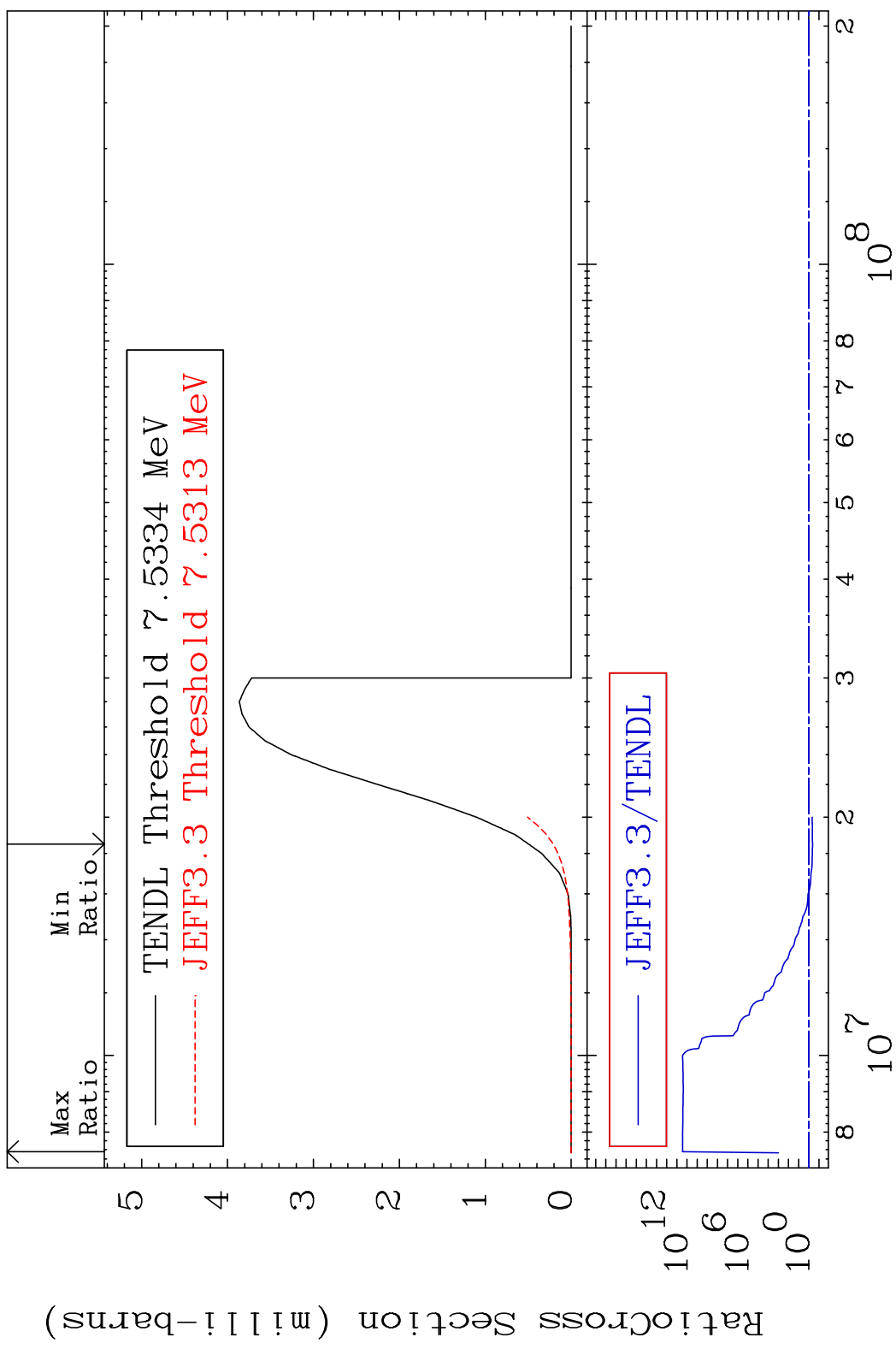


MAT 6443

(n, t)

64-Gd-158

Cross Section -57.83 To 9999. %

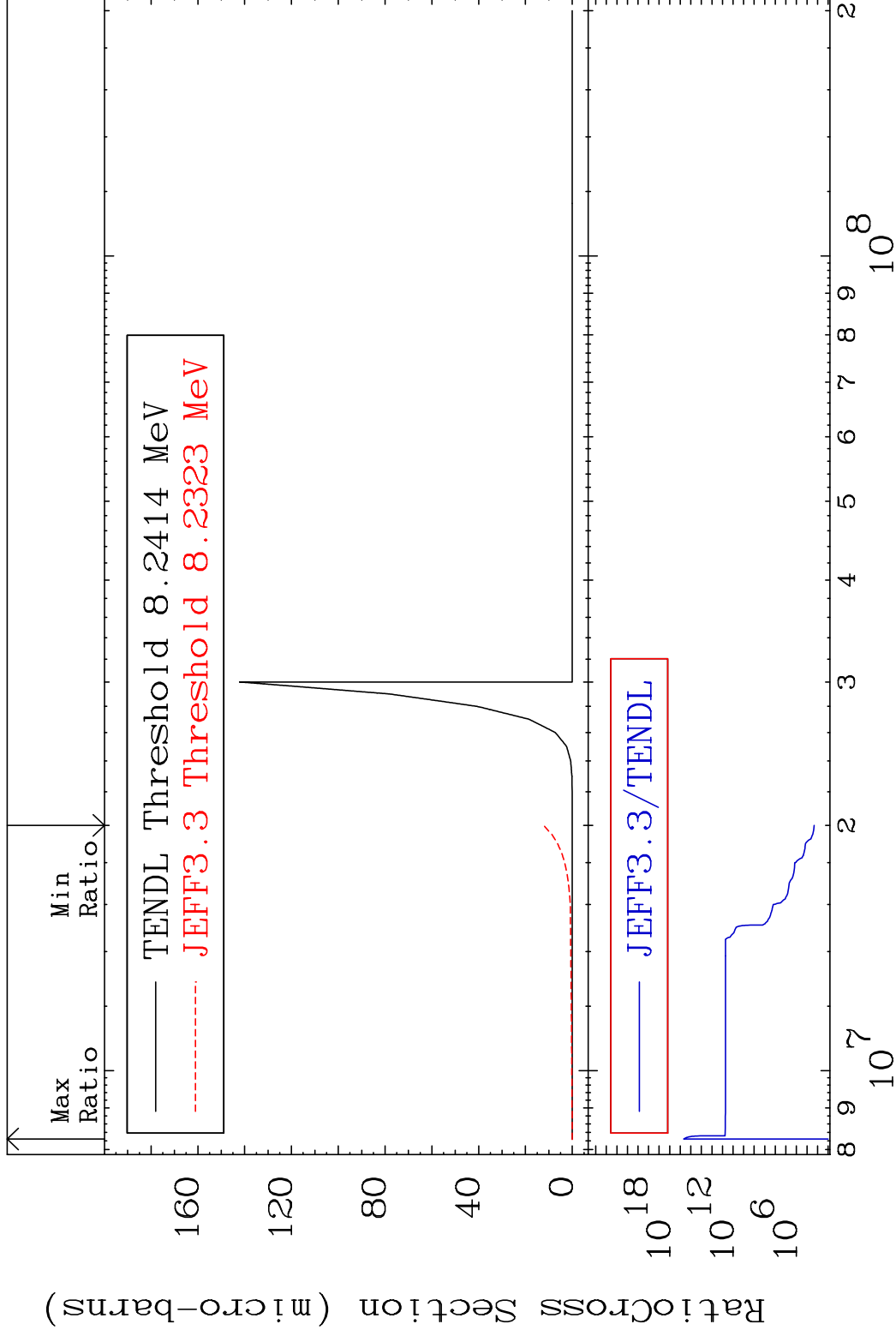


MAT 6443

(n, He-3)

64-Gd-158

Cross Section 9999. To 9999. %



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Incident Energy (eV)

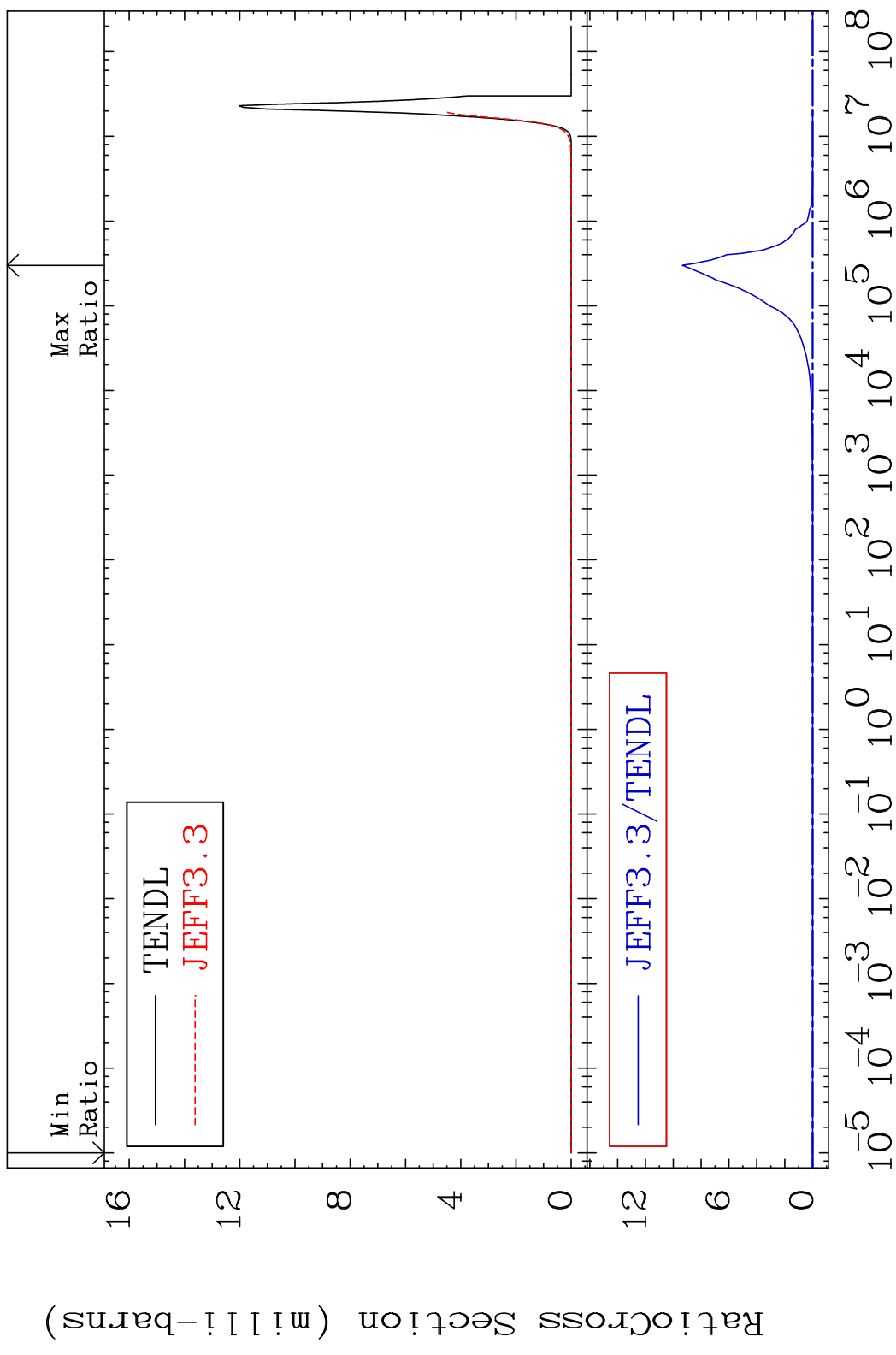
64-Gd-158

MAT 6443

(n, α)

64-Gd-158

Cross Section -100.0 To 9999. %

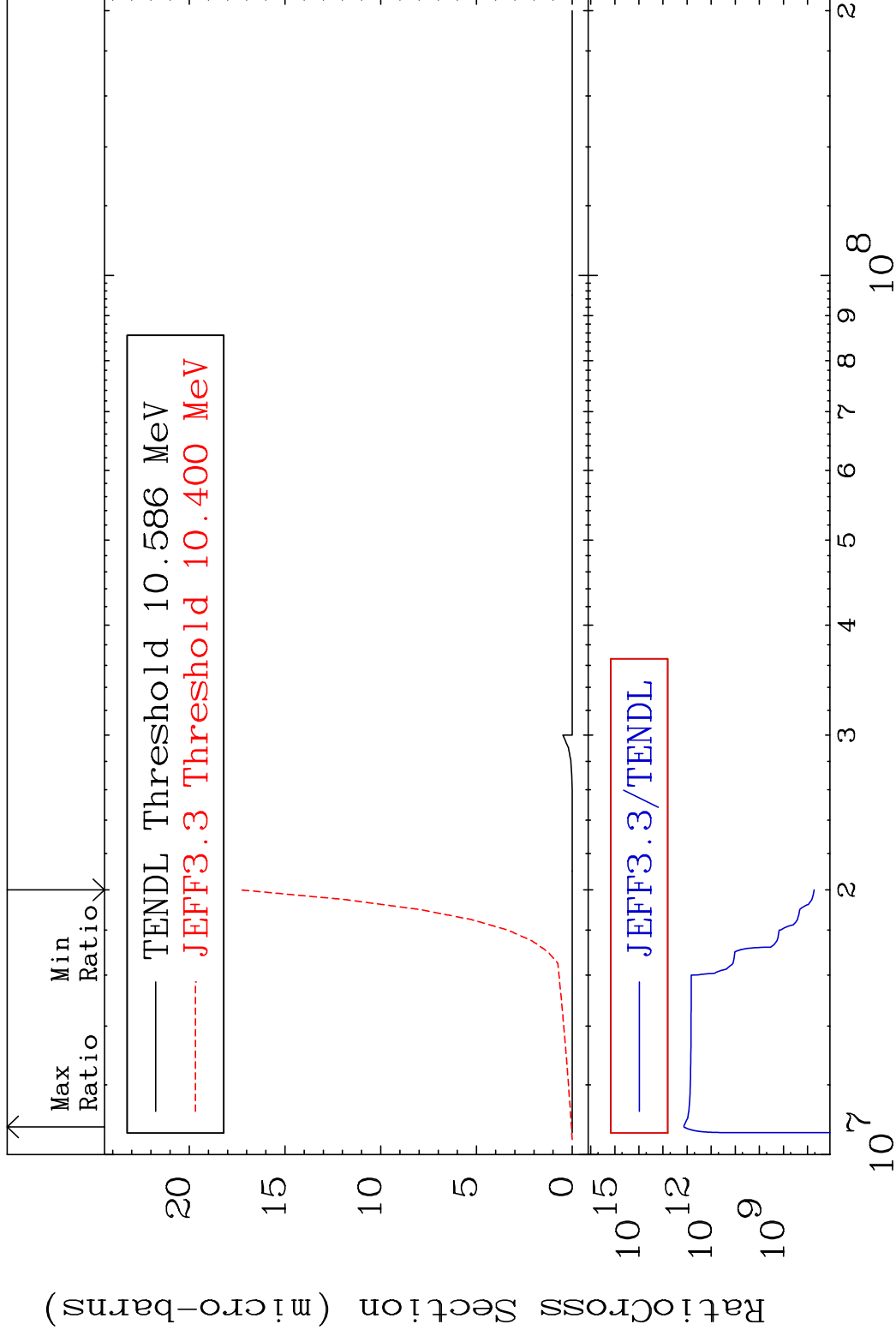


MAT 6443

(n,2p)

64-Gd-158

Cross Section 9999. To 9999. %

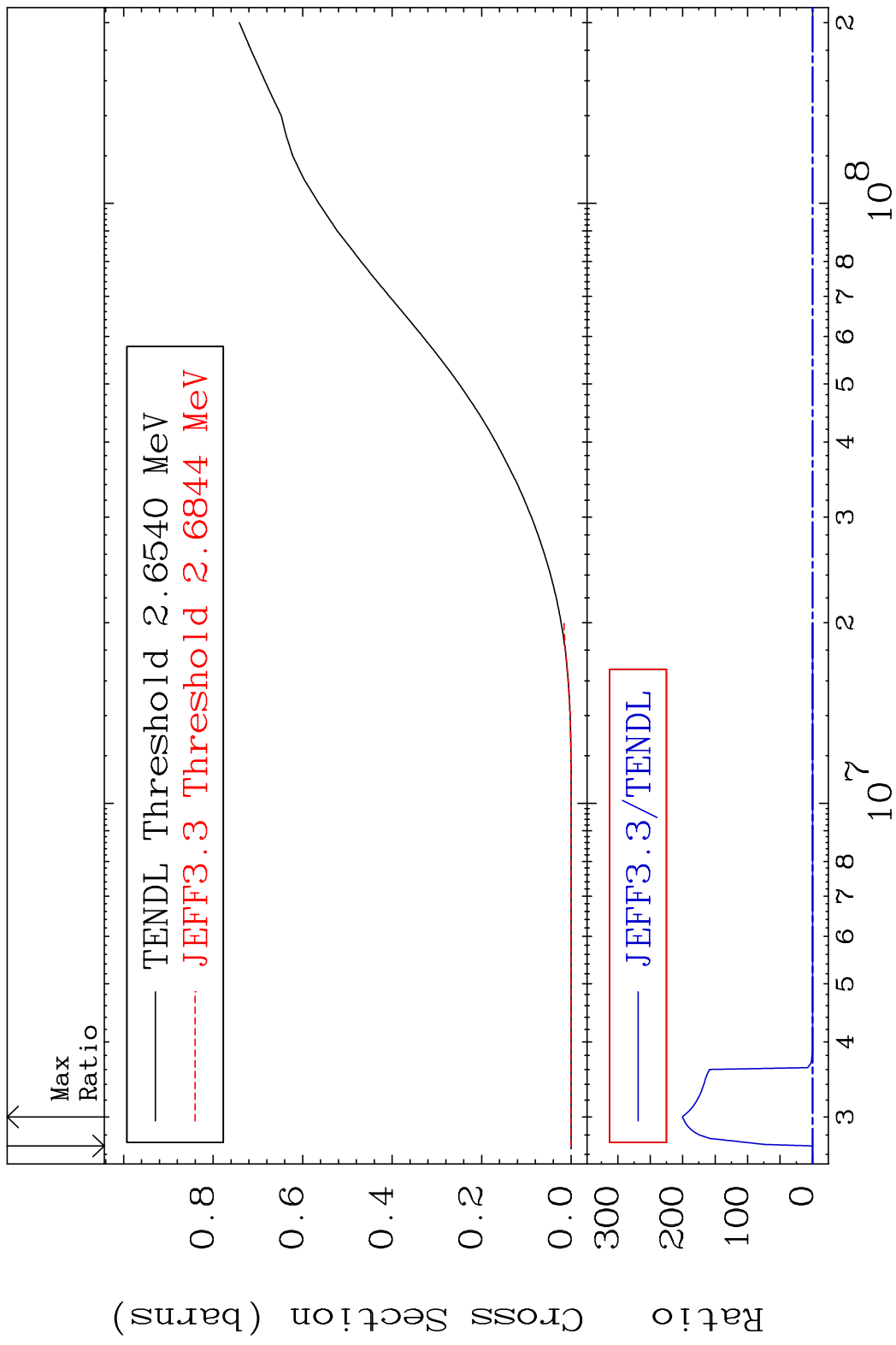


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Incident Energy (eV)

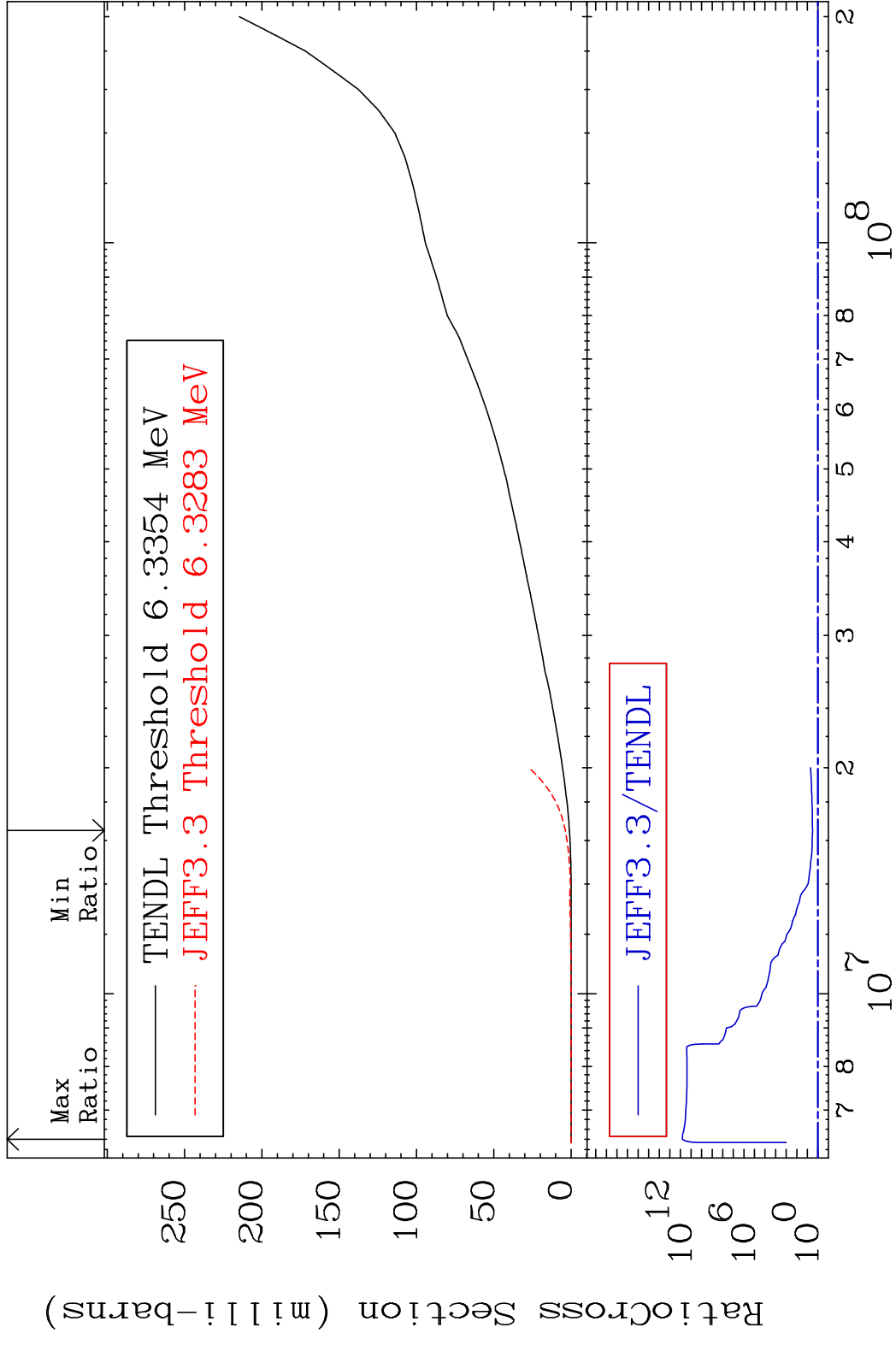
64-Gd-158

MAT 6443 Hydrogen Production 64-Gd-158
 Cross Section -100.0 To 9999. %



MAT 6443

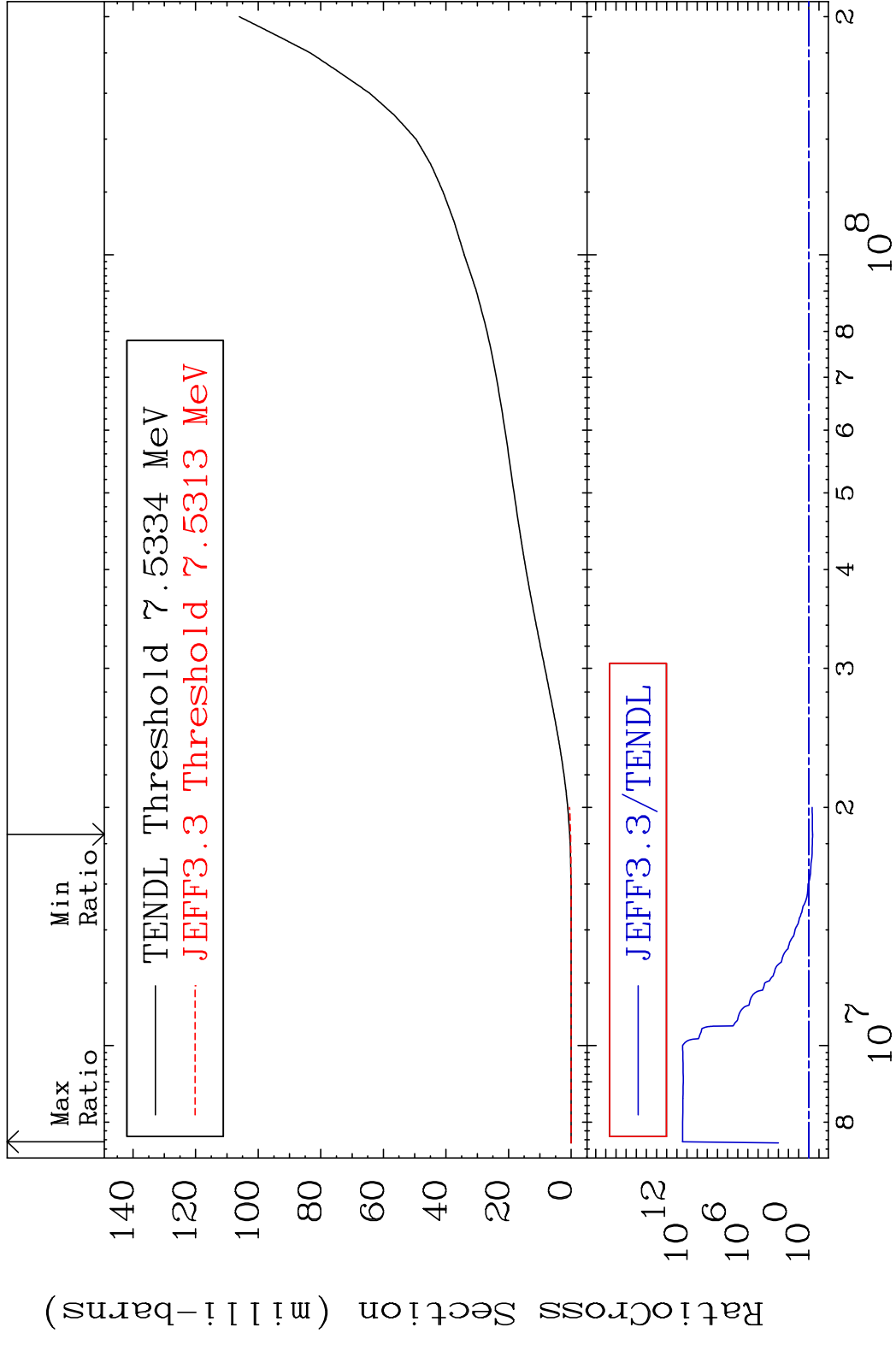
Deuterium Production 64-Gd-158
Cross Section 223.8 To 9999. %



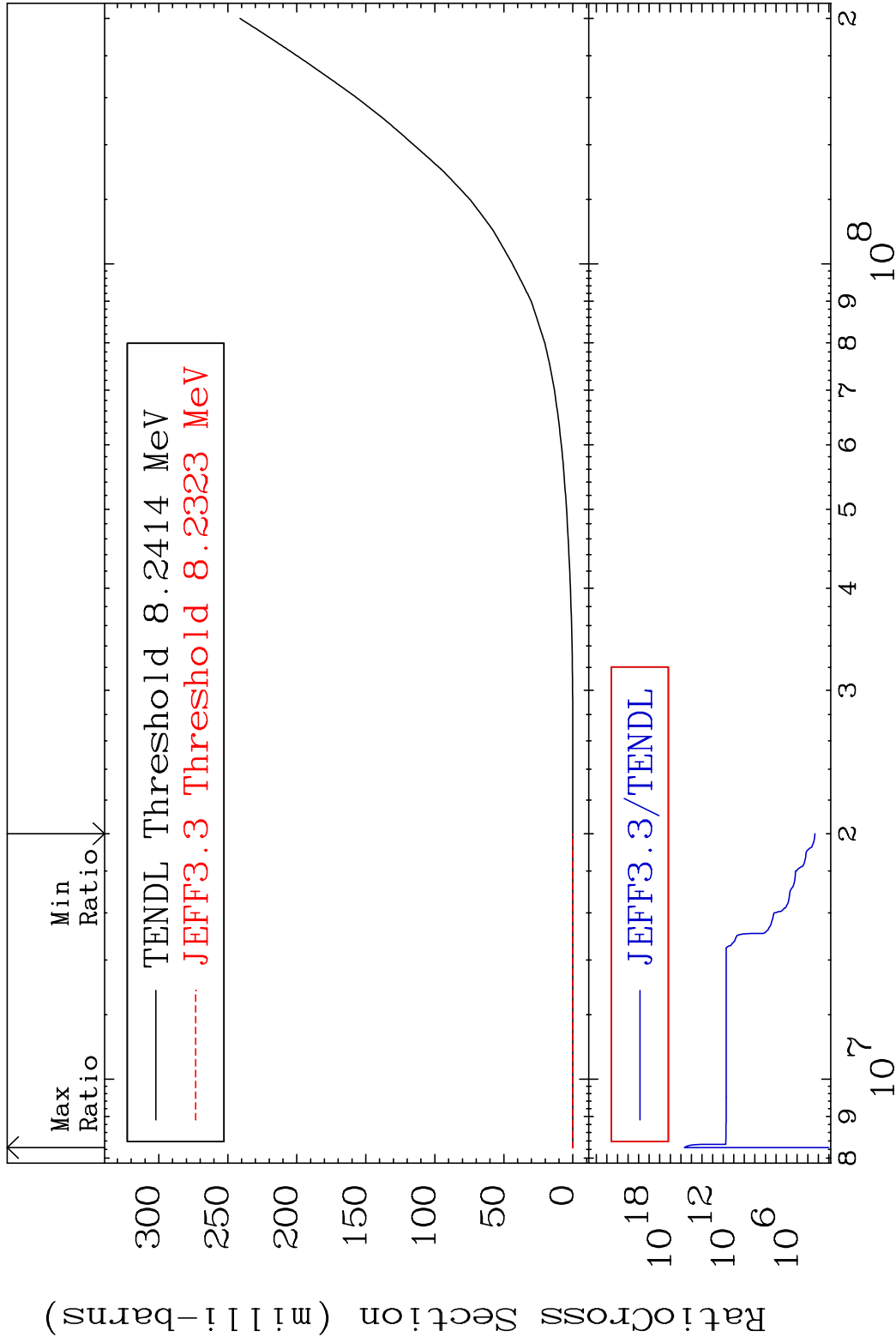
MAT 6443

Tritium Production 64-Gd-158

Cross Section -57.83 To 9999. %



Cross Section 9999. To 9999. %

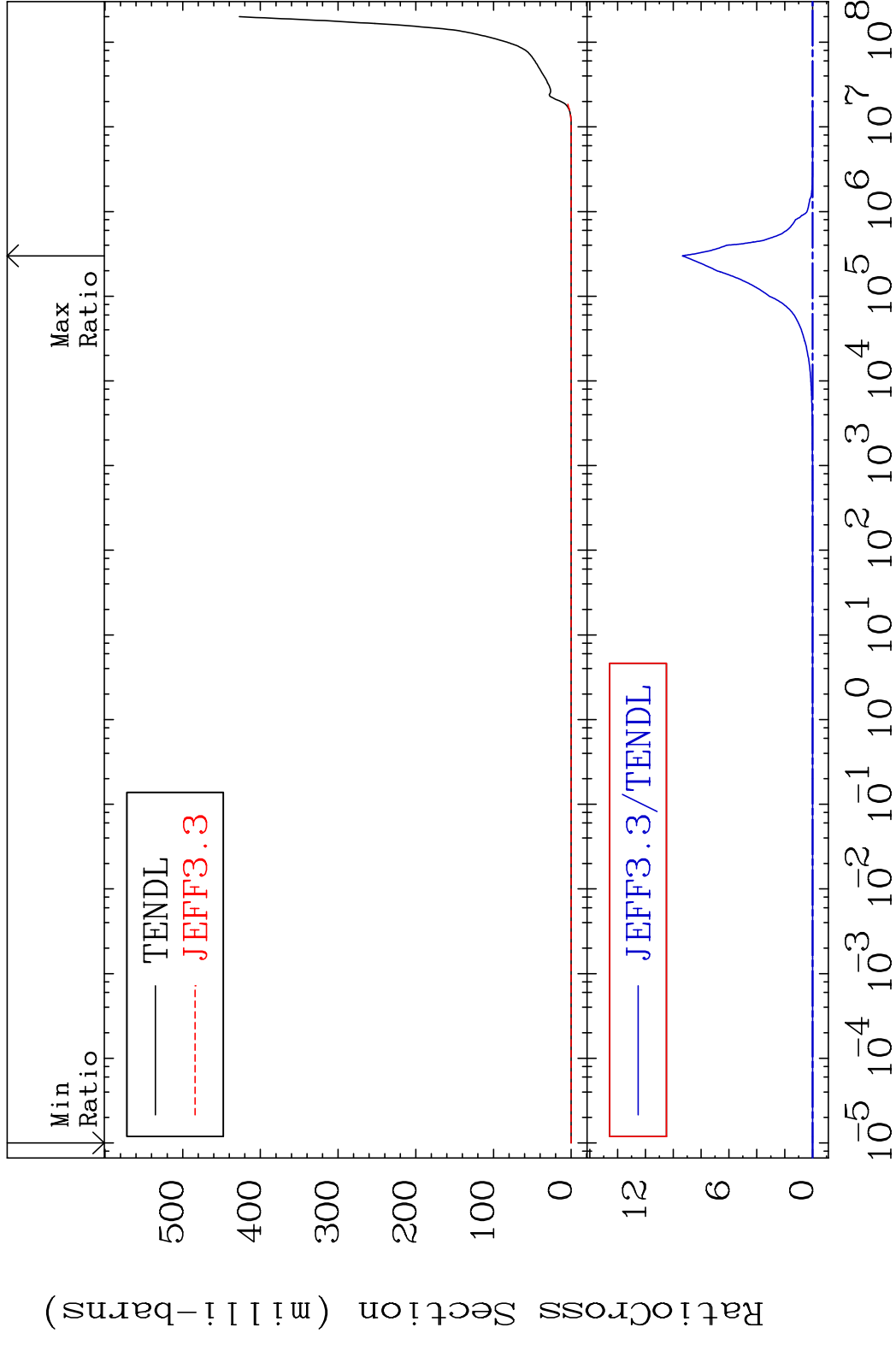


MAT 6443

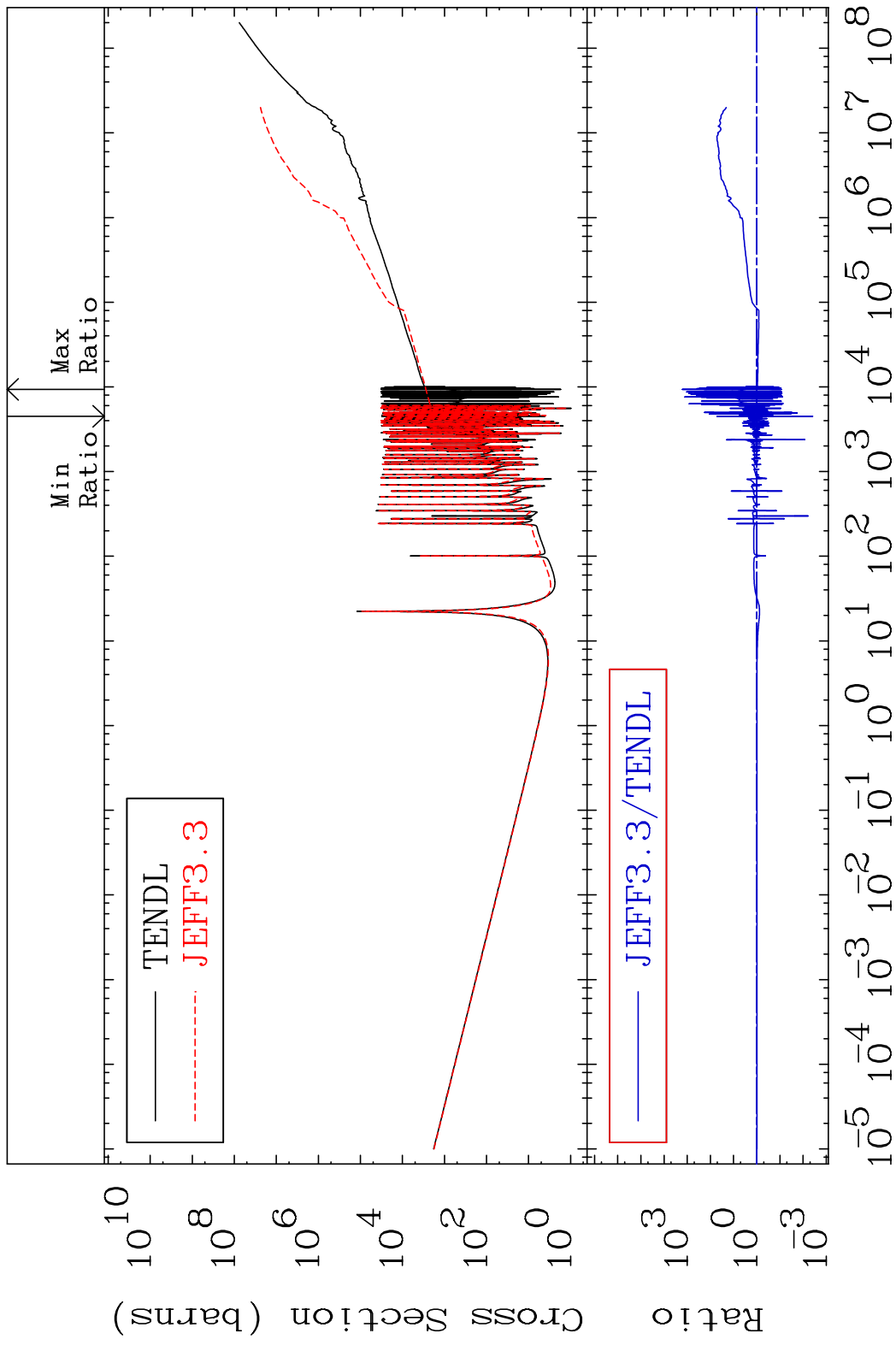
He-4 Production

64-Gd-158

Cross Section -100.0 To 9999. %

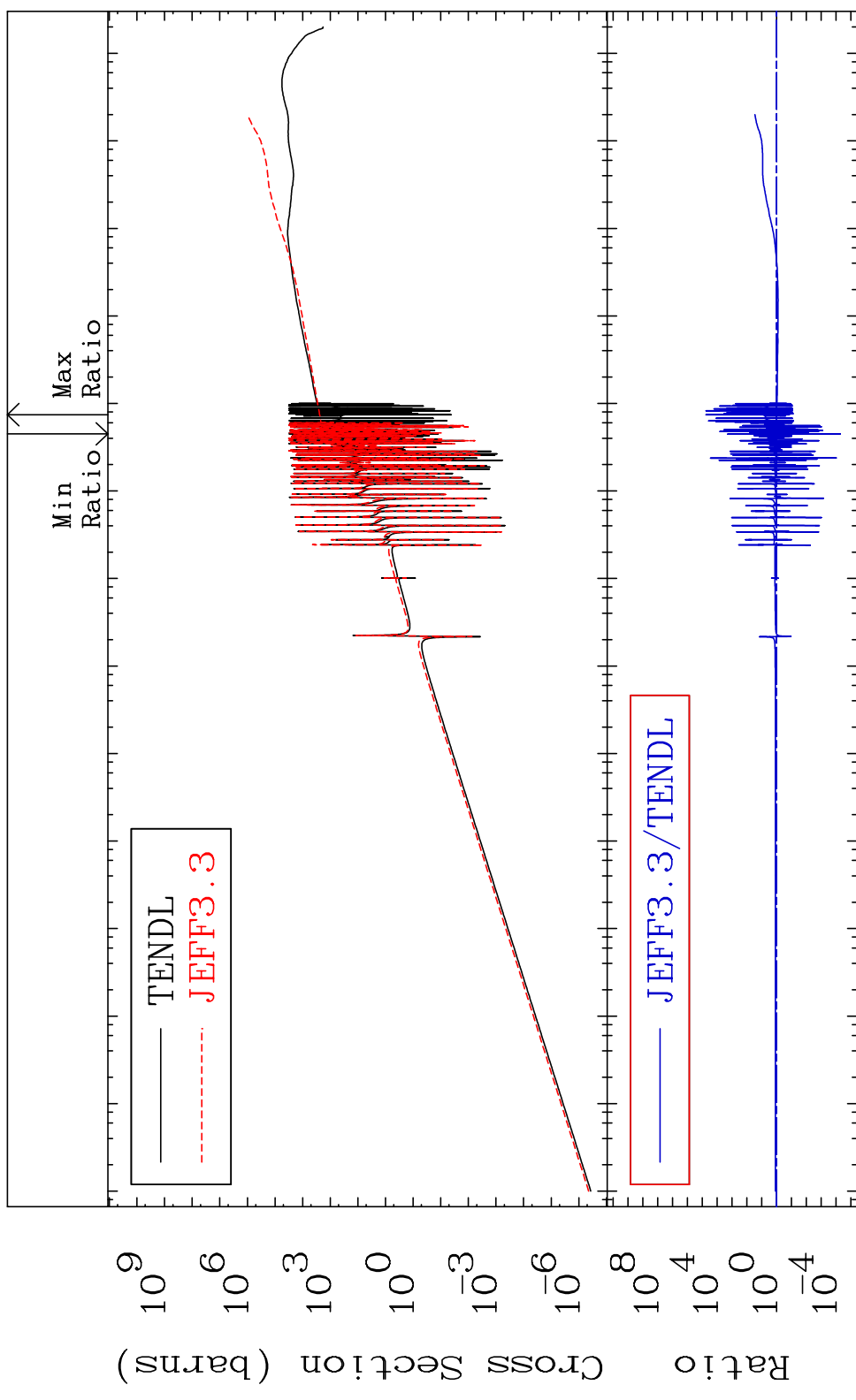


MAT 6443 Kerma total (eV-barns) 64-Gd-158
 Cross Section -99.61 To 9999. %

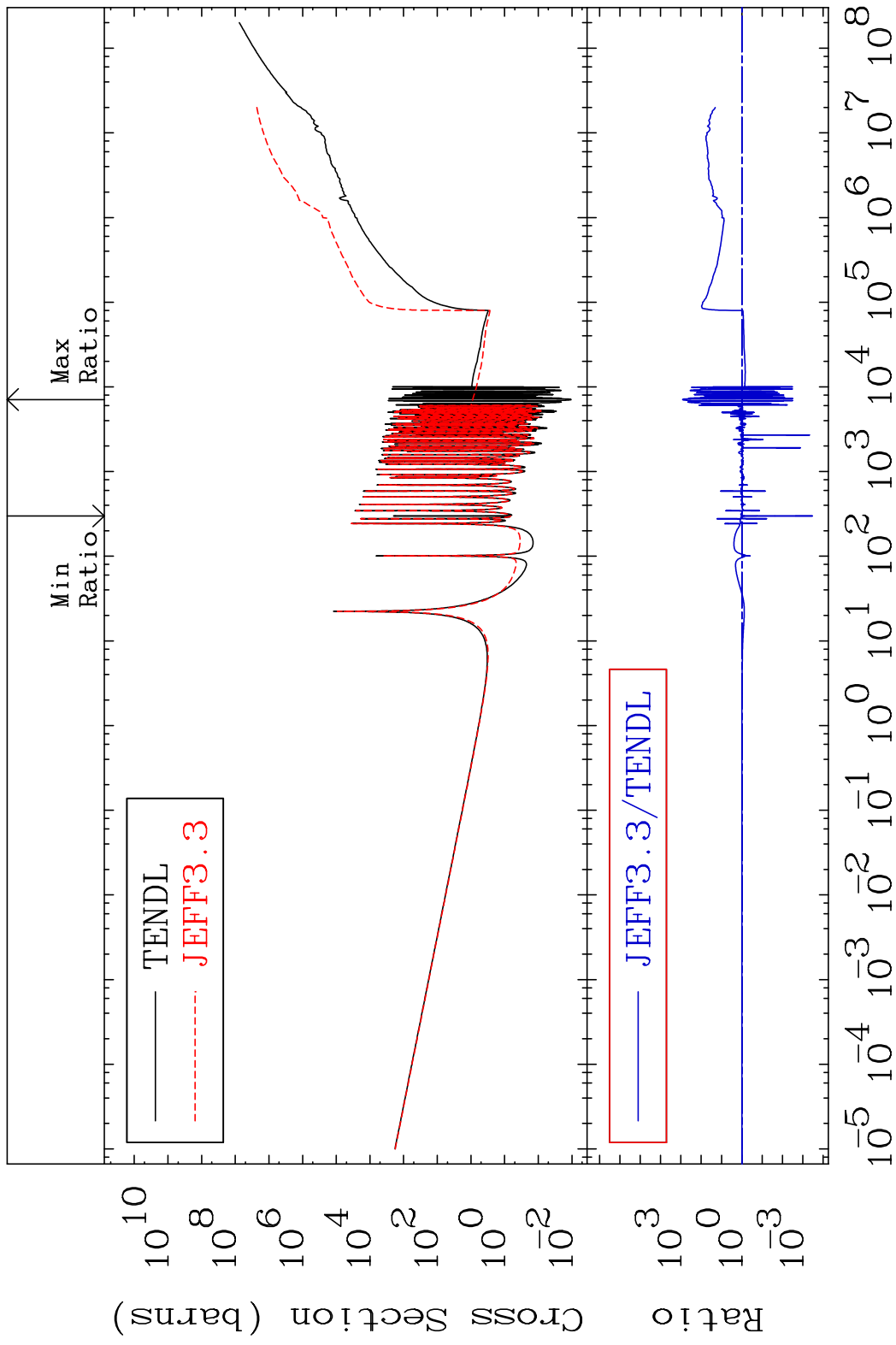


MAT 6443

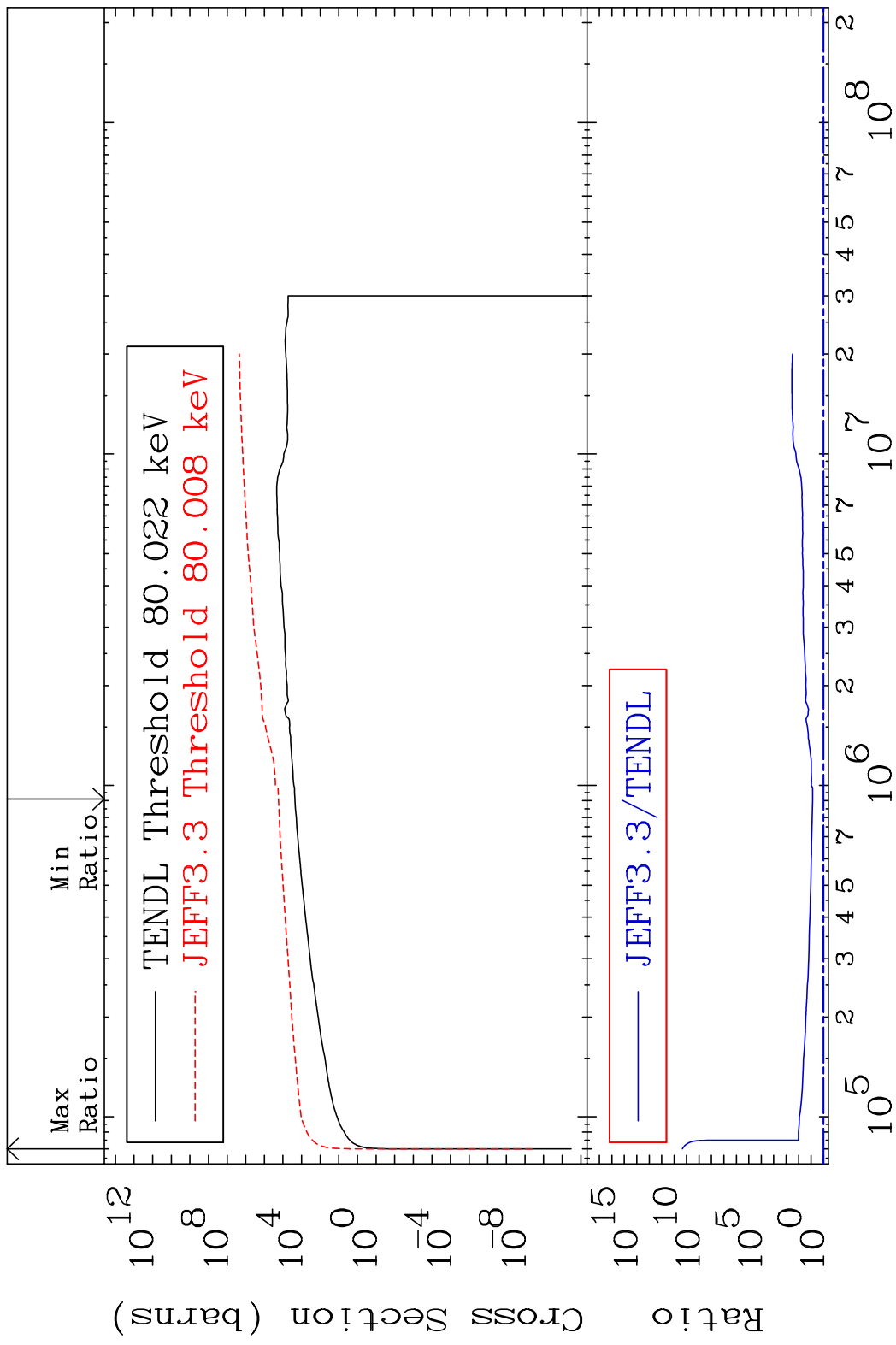
Kerma elastic Cross Section -99.99 To 9999. %
64-Gd-158



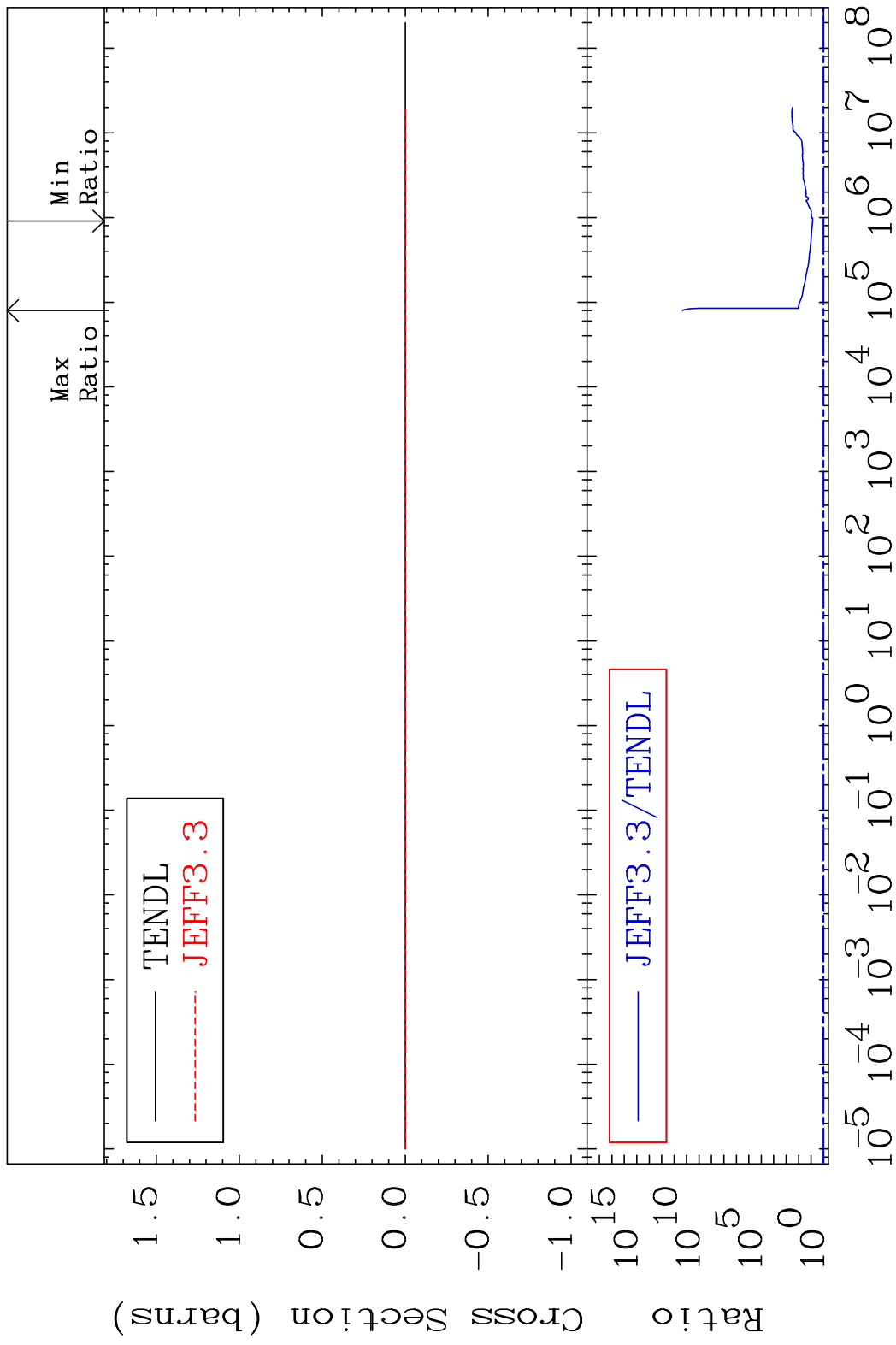
MAT 6443 Kerma non-elastic (all but mt2) 64-Gd-158
 Cross Section -99.97 To 9999. %



MAT 6443 Kerma inelastic (mt51-91) 64-Gd-158
 Cross Section 653.5 To 9999. %

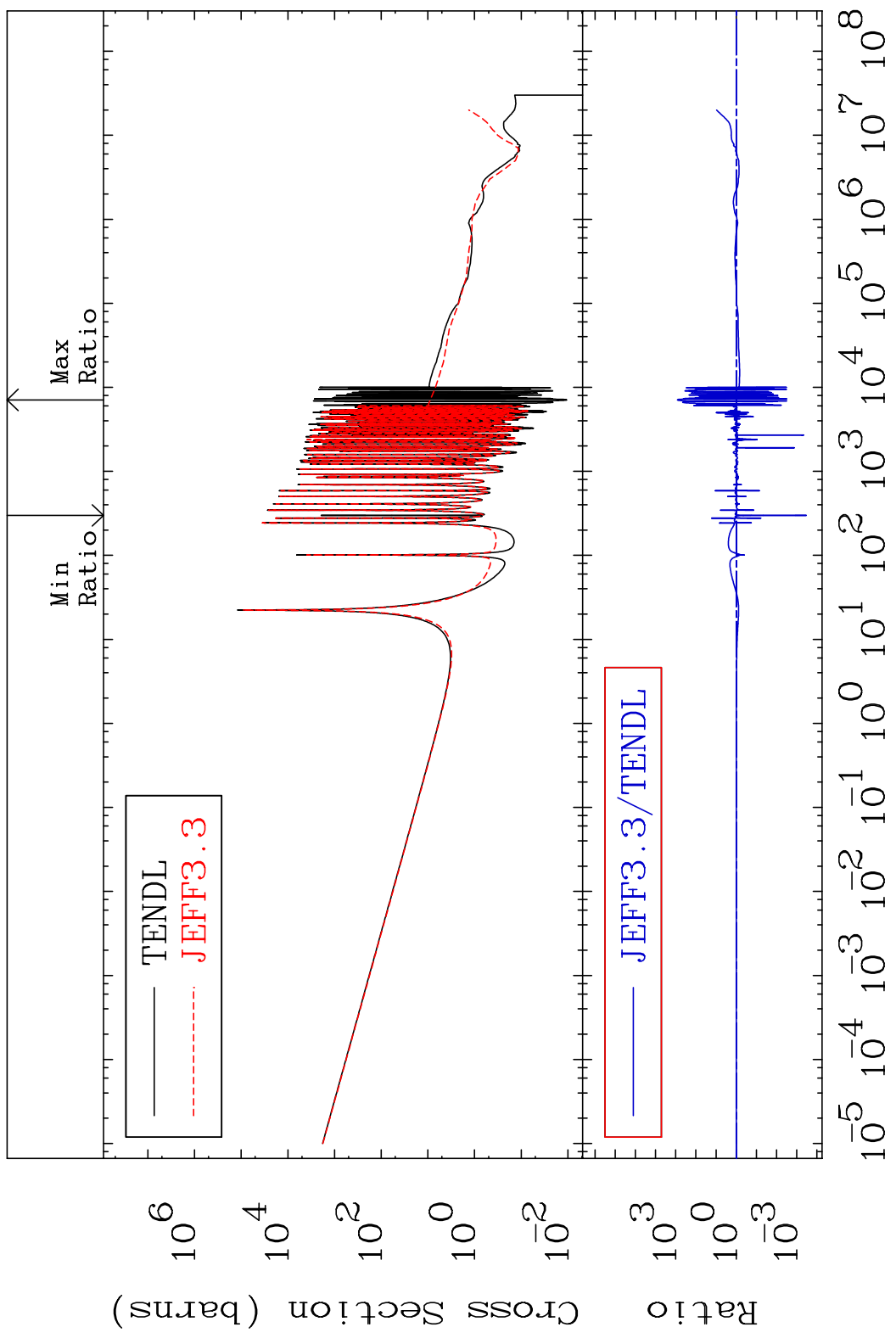


MAT 6443 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-158
 Cross Section 653.5 To 9999. %

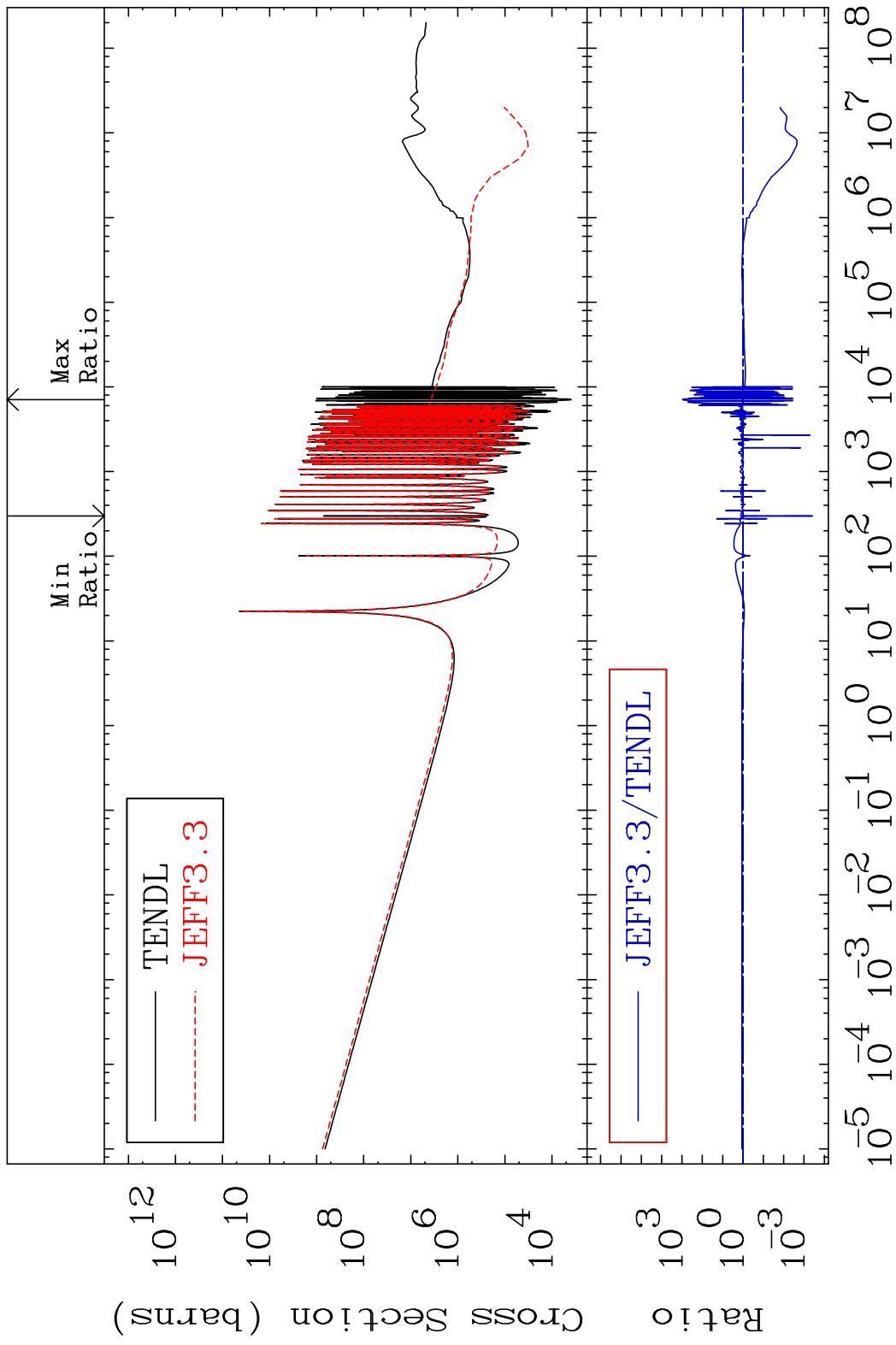


MAT 6443

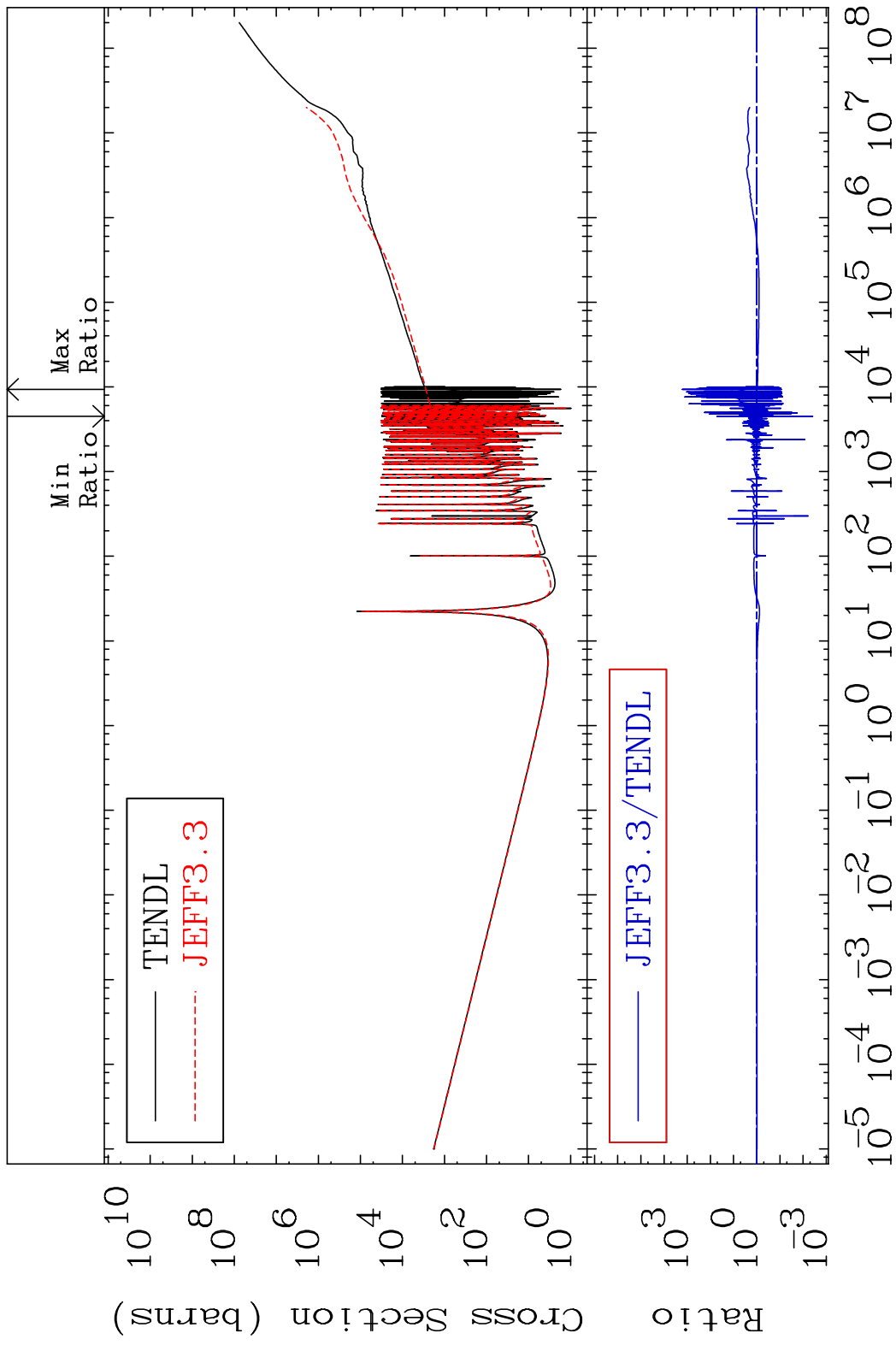
Kerma capture (mt102) 64-Gd-158
Cross Section -99.97 To 9999. %



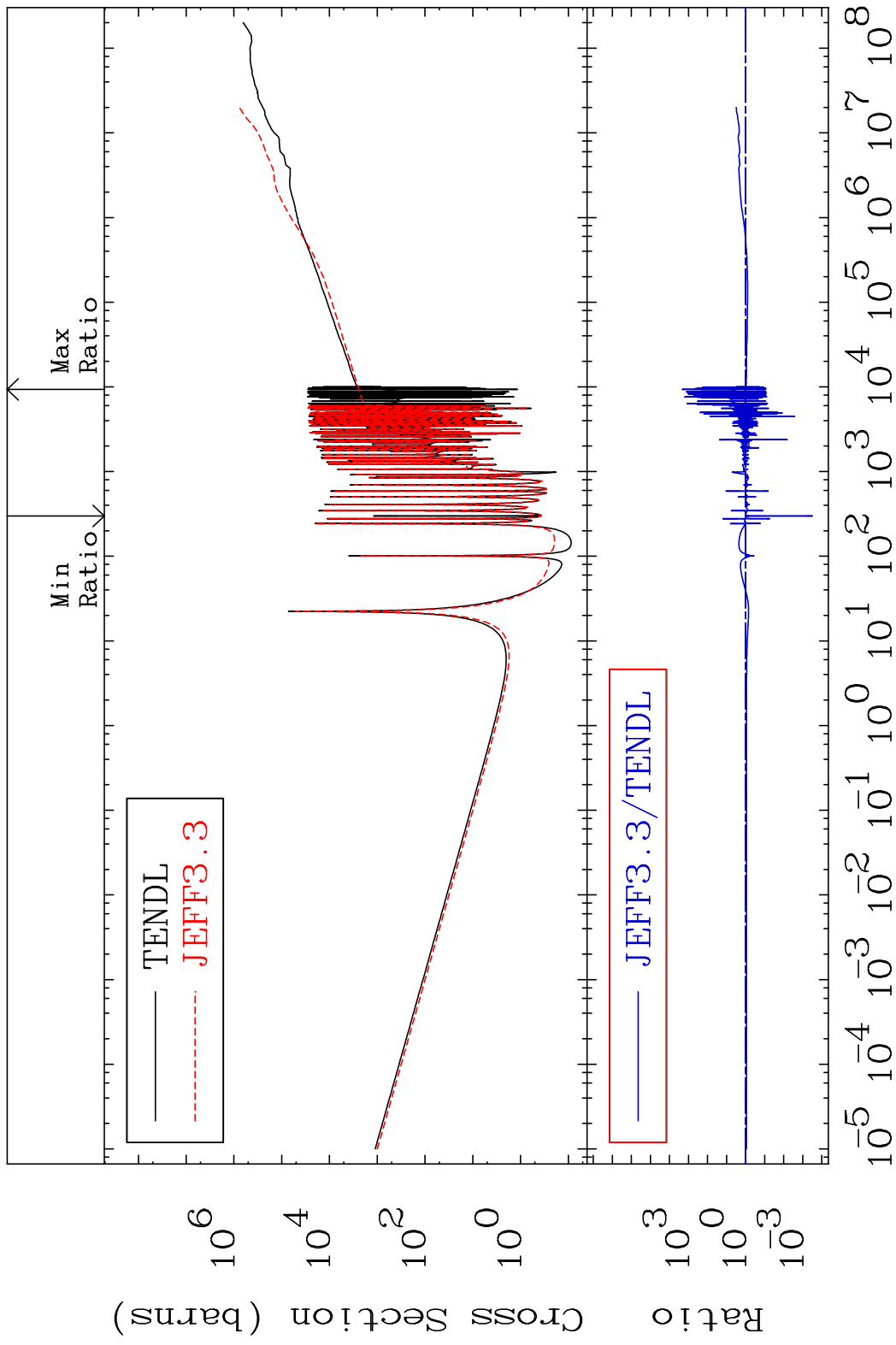
MAT 6443 Total photon (eV-barns) 64-Gd-158
 Cross Section -99.96 To 9999. %



MAT 6443 Total kinematic kerma (high limit) 64-Gd-158
 Cross Section -99.61 To 9999. %



MAT 6443 Dpa total (eV-barns) 64-Gd-158
 Cross Section -99.97 To 9999. %

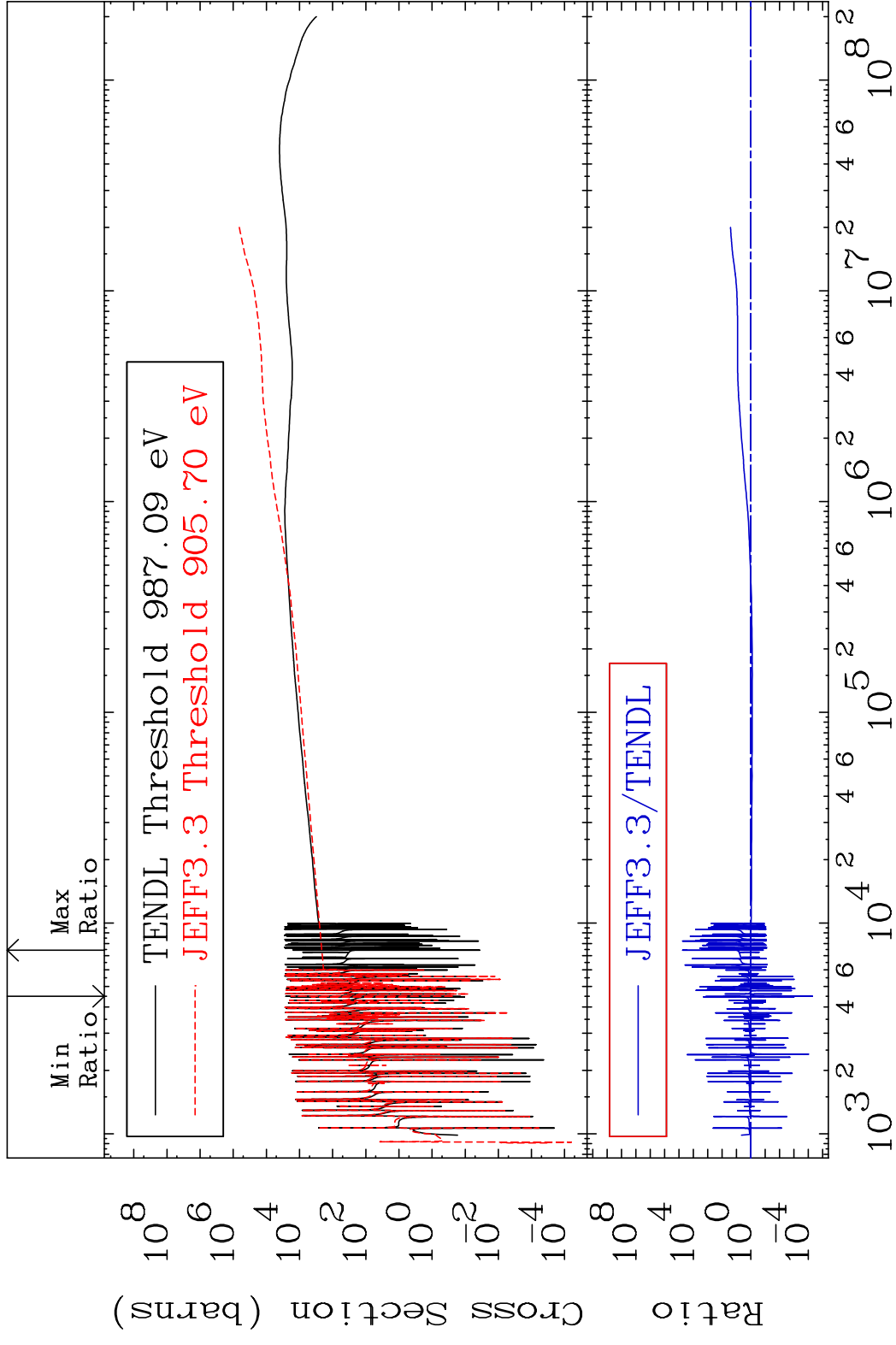


MAT 6443

Dpa elastic (mt2)

64-Gd-158

Cross Section -99.99 To 9999. %

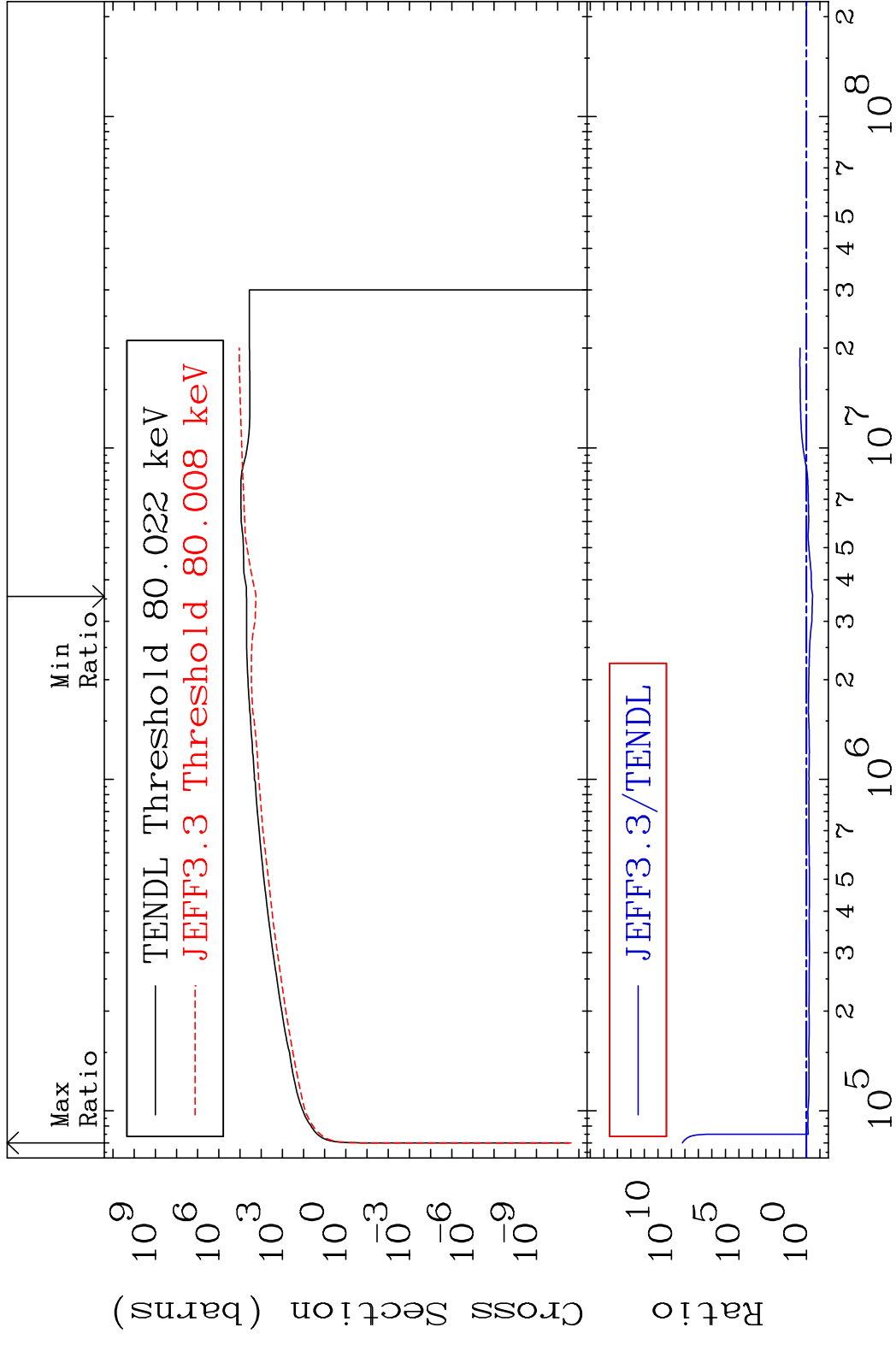


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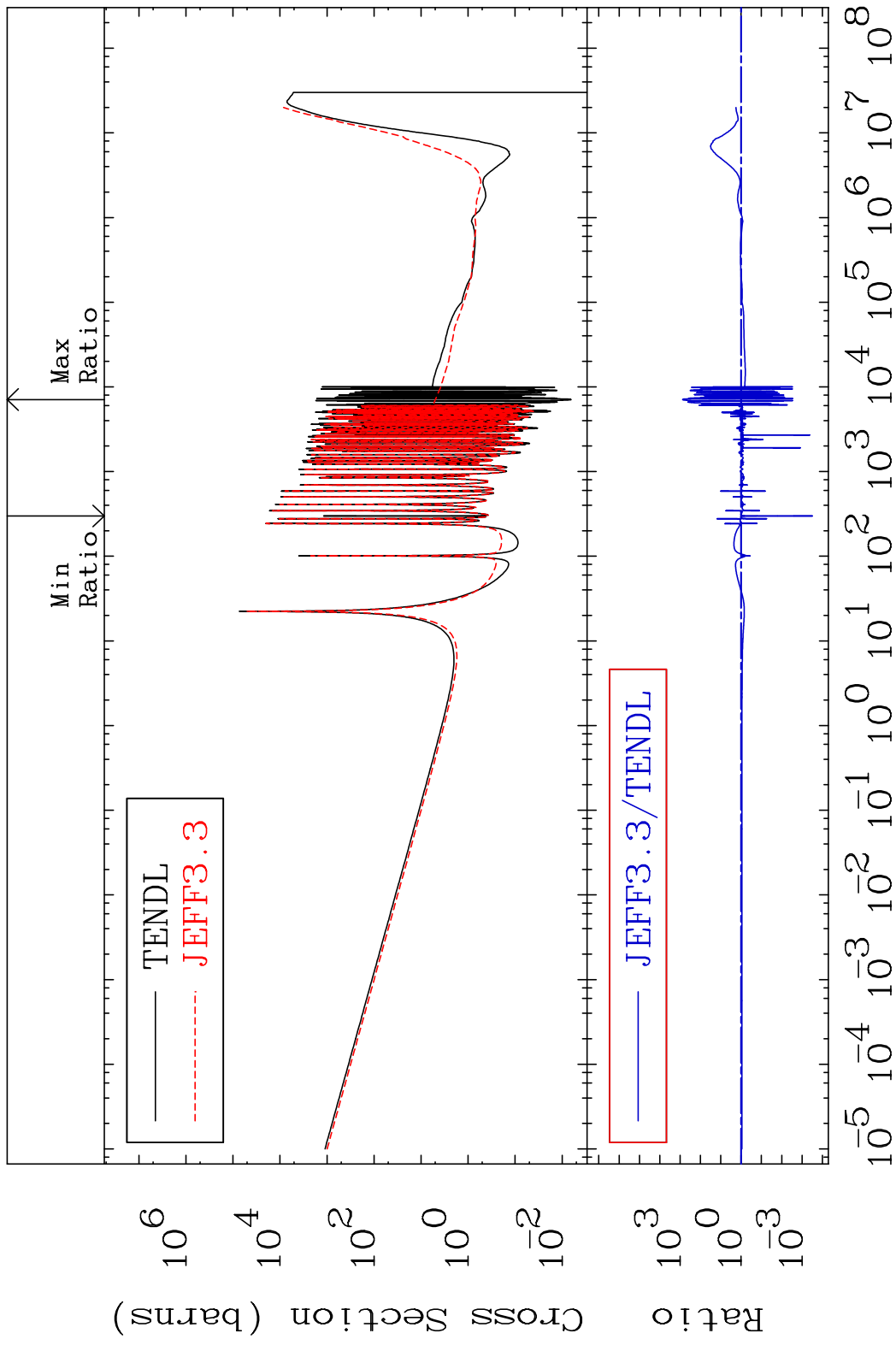
Incident Energy (eV)

64-Gd-158

MAT 6443 Dpa inelastic (mt51-91) 64-Gd-158
 Cross Section -64.48 To 9999. %



MAT 6443 Dpa disappearance (mt102 -120) 64-Gd-158
 Cross Section -99.97 To 9999. %

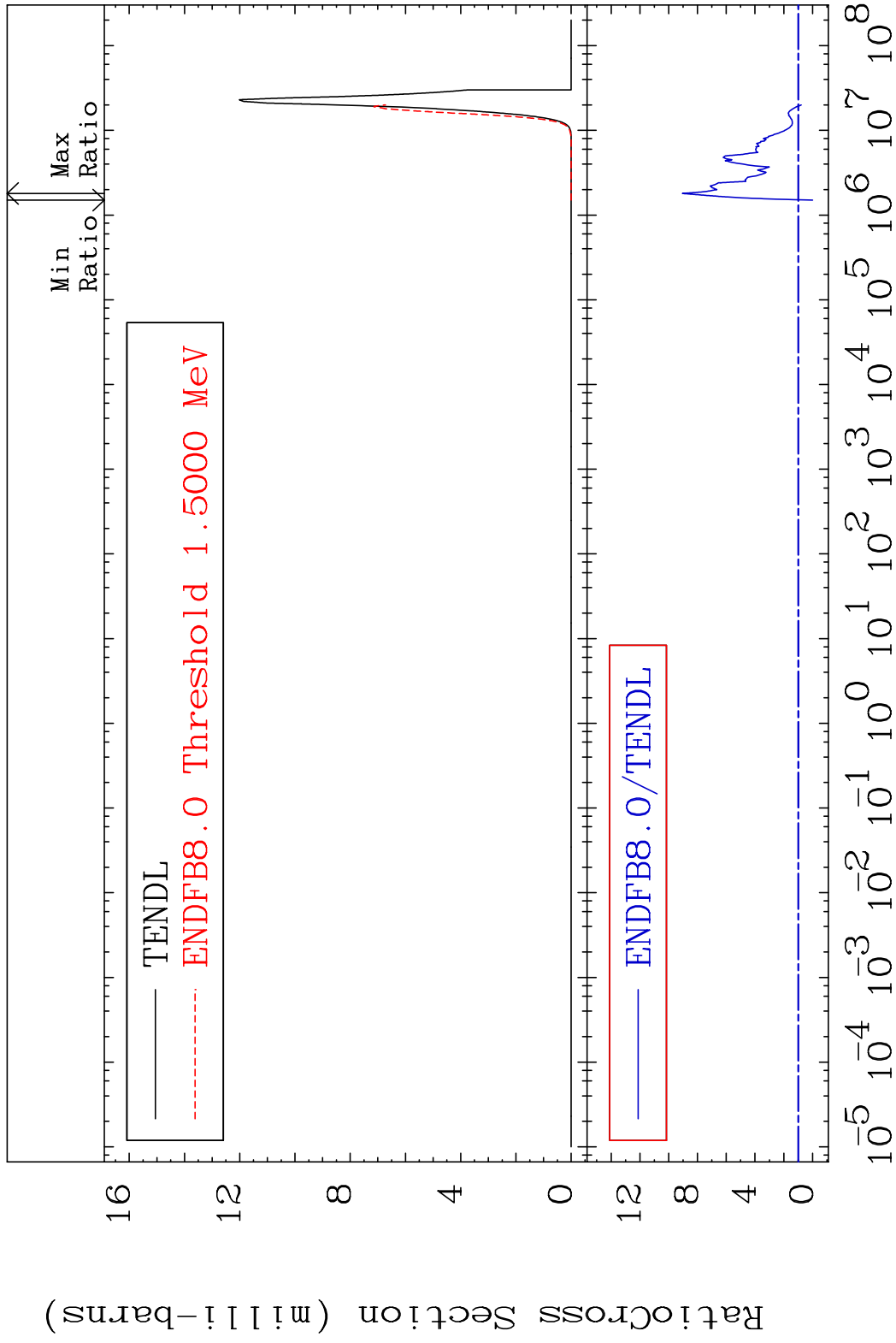


MAT 6443

(n, α)

64-Gd-158

Cross Section -100.0 To 805.0 %

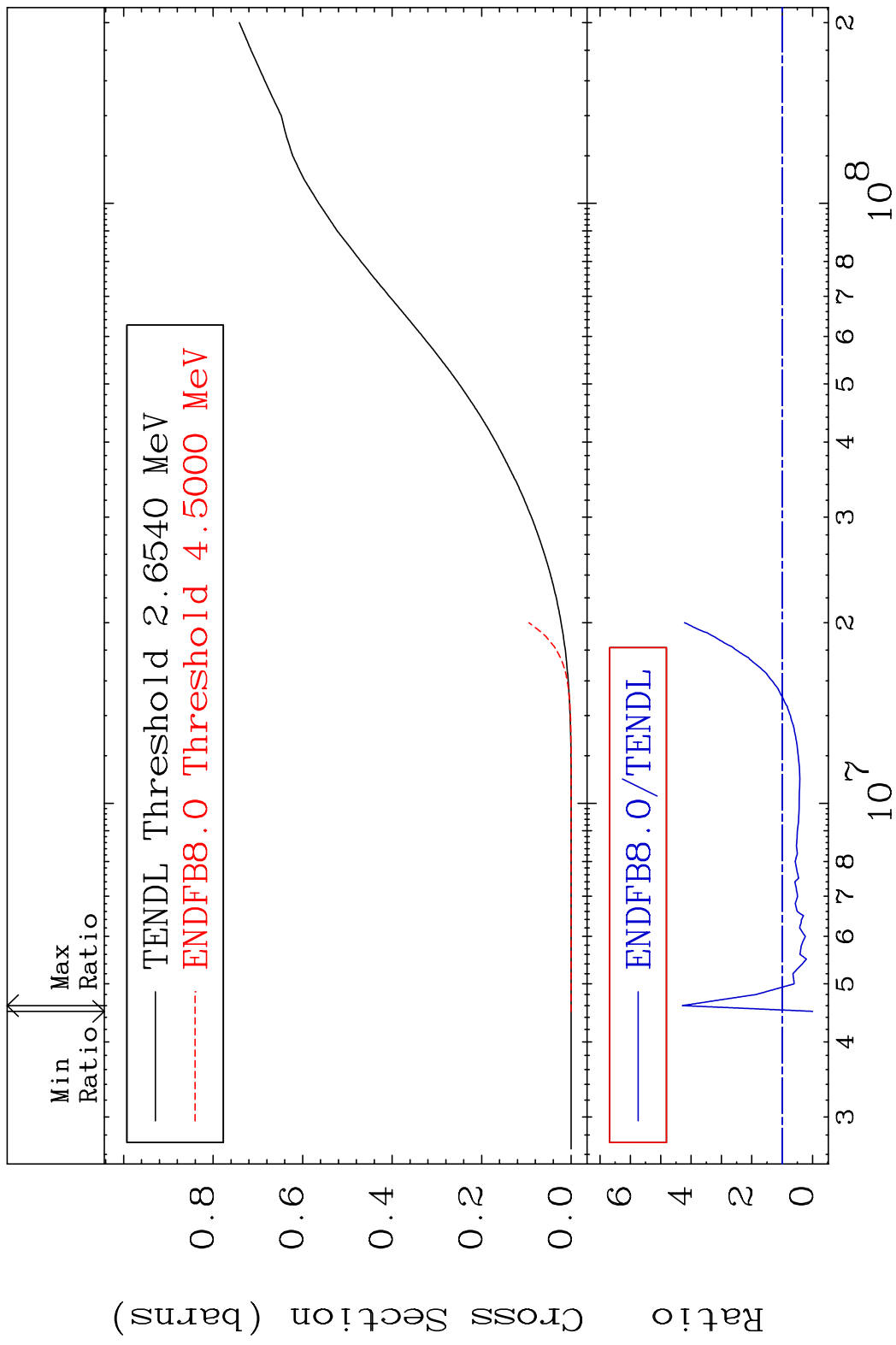


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Incident Energy (eV)

64-Gd-158

MAT 6443 Hydrogen Production 64-Gd-158
 Cross Section -100.0 To 328.8 %

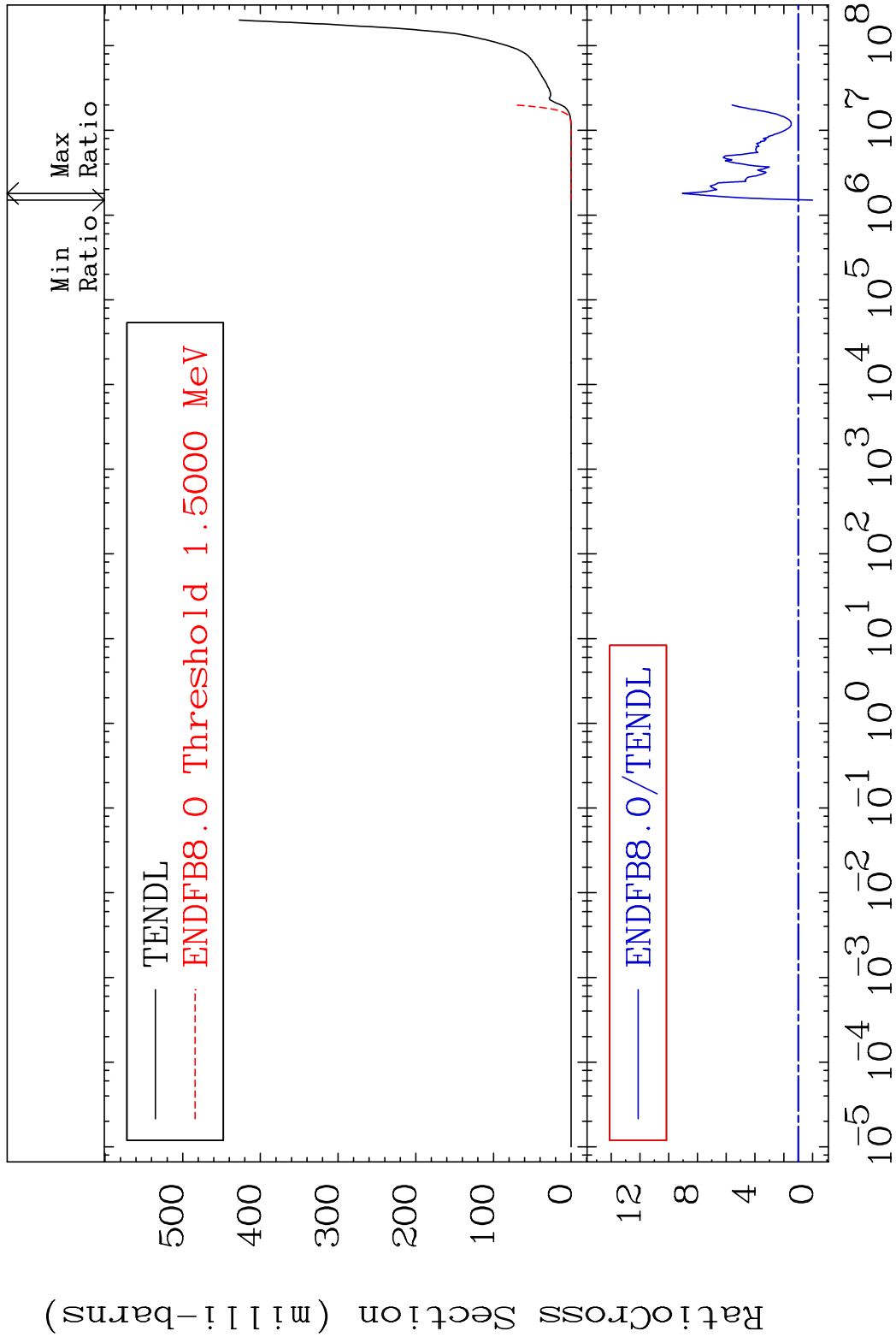


MAT 6443

He-4 Production

64-Gd-158

Cross Section -100.0 To 805.0 %

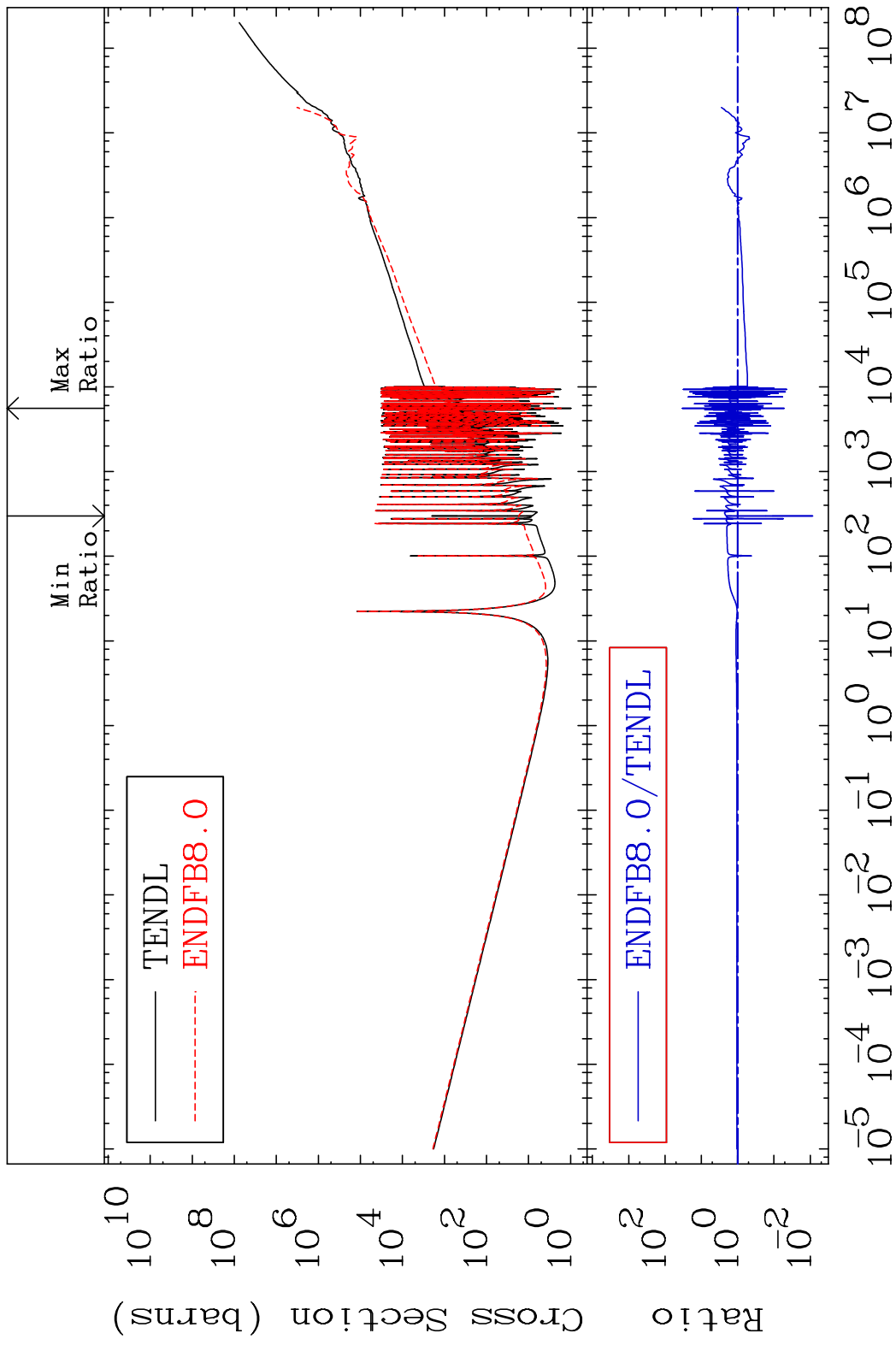


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Incident Energy (eV)

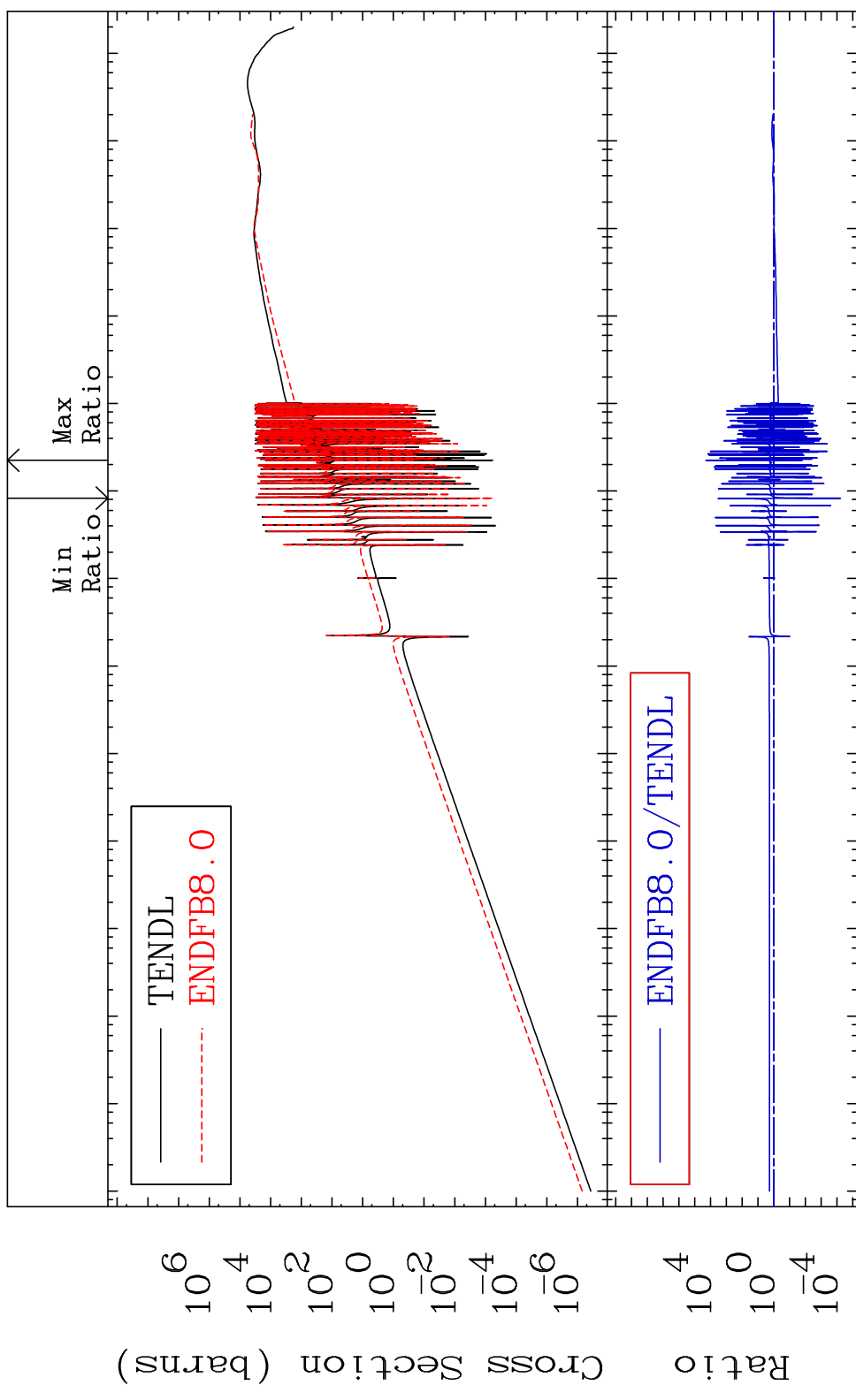
64-Gd-158

MAT 6443 Kerma total (eV-barns) 64-Gd-158
 Cross Section -99.14 To 3230. %

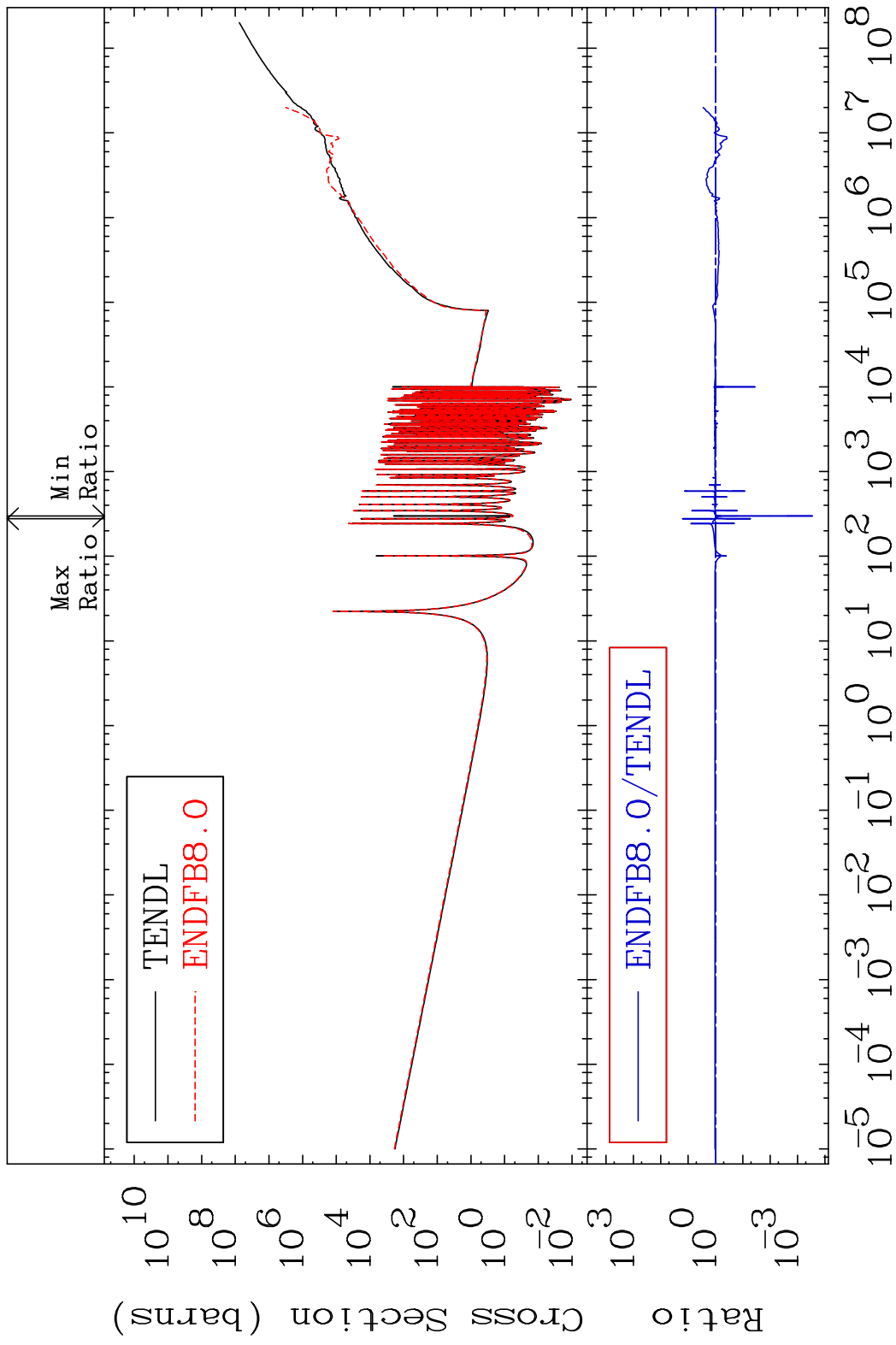


MAT 6443

Kerma elastic Cross Section -99.99 To 9999. %
64-Gd-158

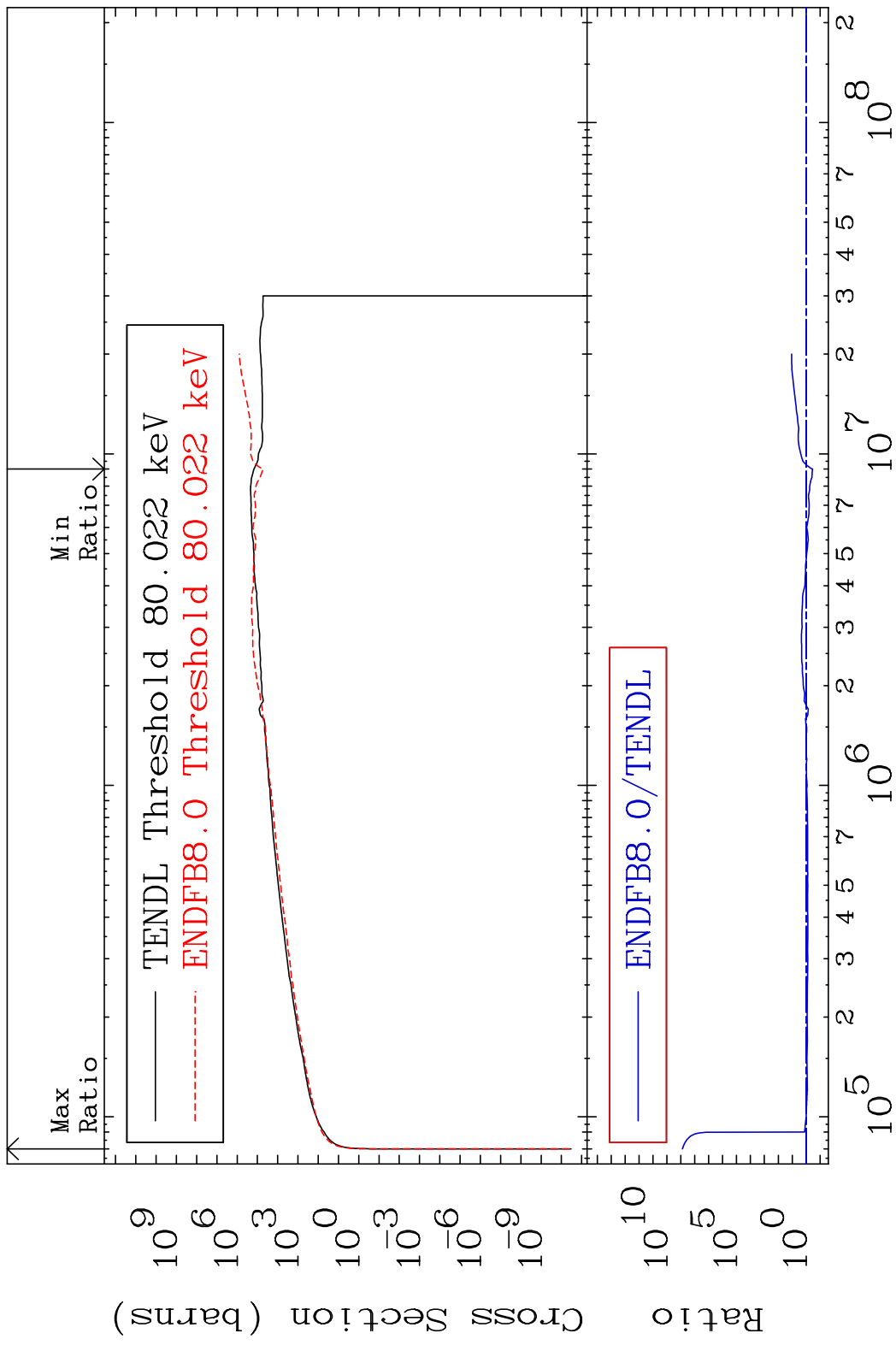


MAT 6443 Kerma non-elastic (all but mt2) 64-Gd-158
 Cross Section -99.97 To 1530. %



45 Incident Energy (eV) 64-Gd-158

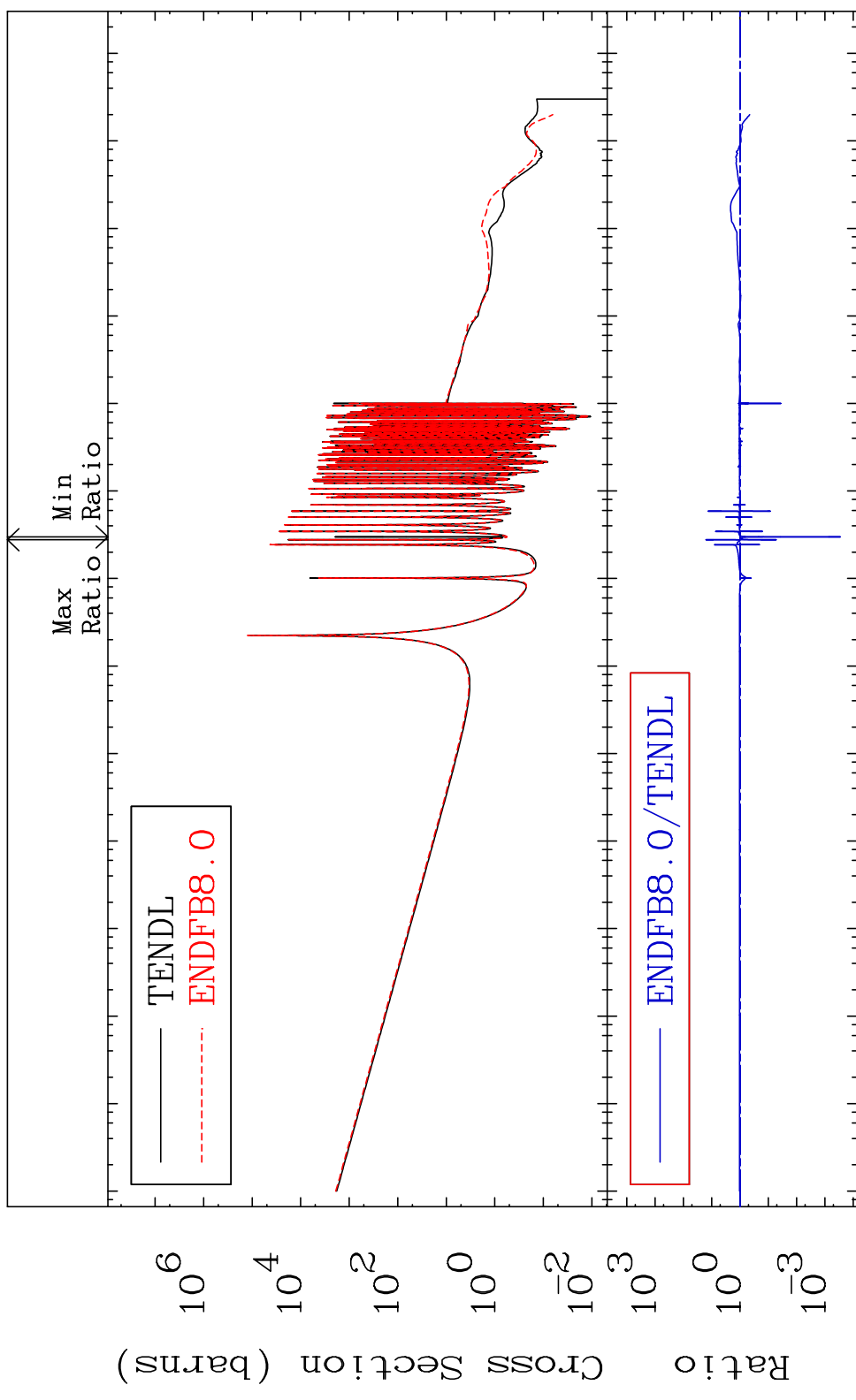
MAT 6443 Kerma inelastic (mt51-91) 64-Gd-158
 Cross Section -65.41 To 9999. %



46 Incident Energy (eV) 64-Gd-158

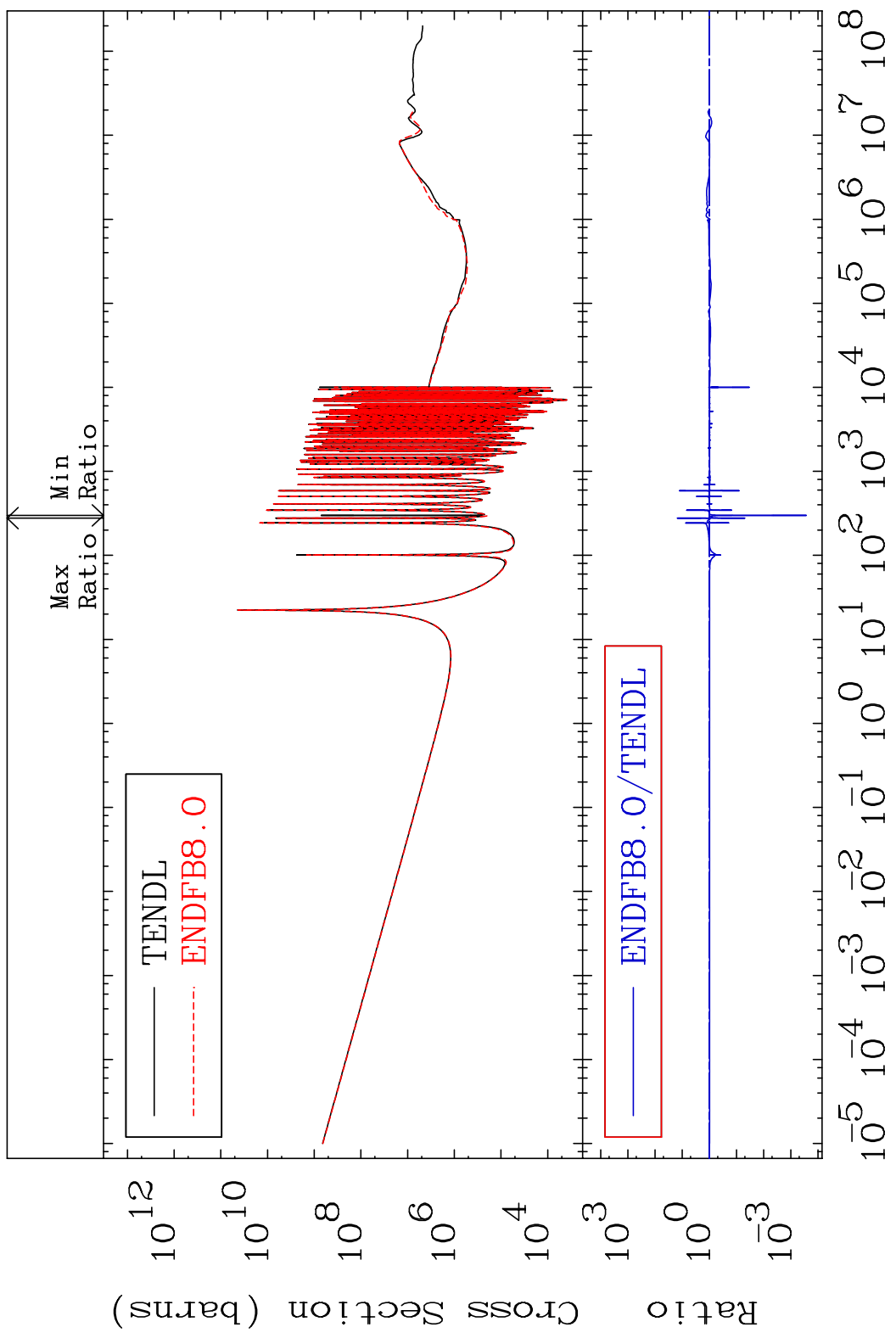
MAT 6443

Kerma capture (mt102) 64-Gd-158
Cross Section -99.97 To 1530. %



MAT 6443

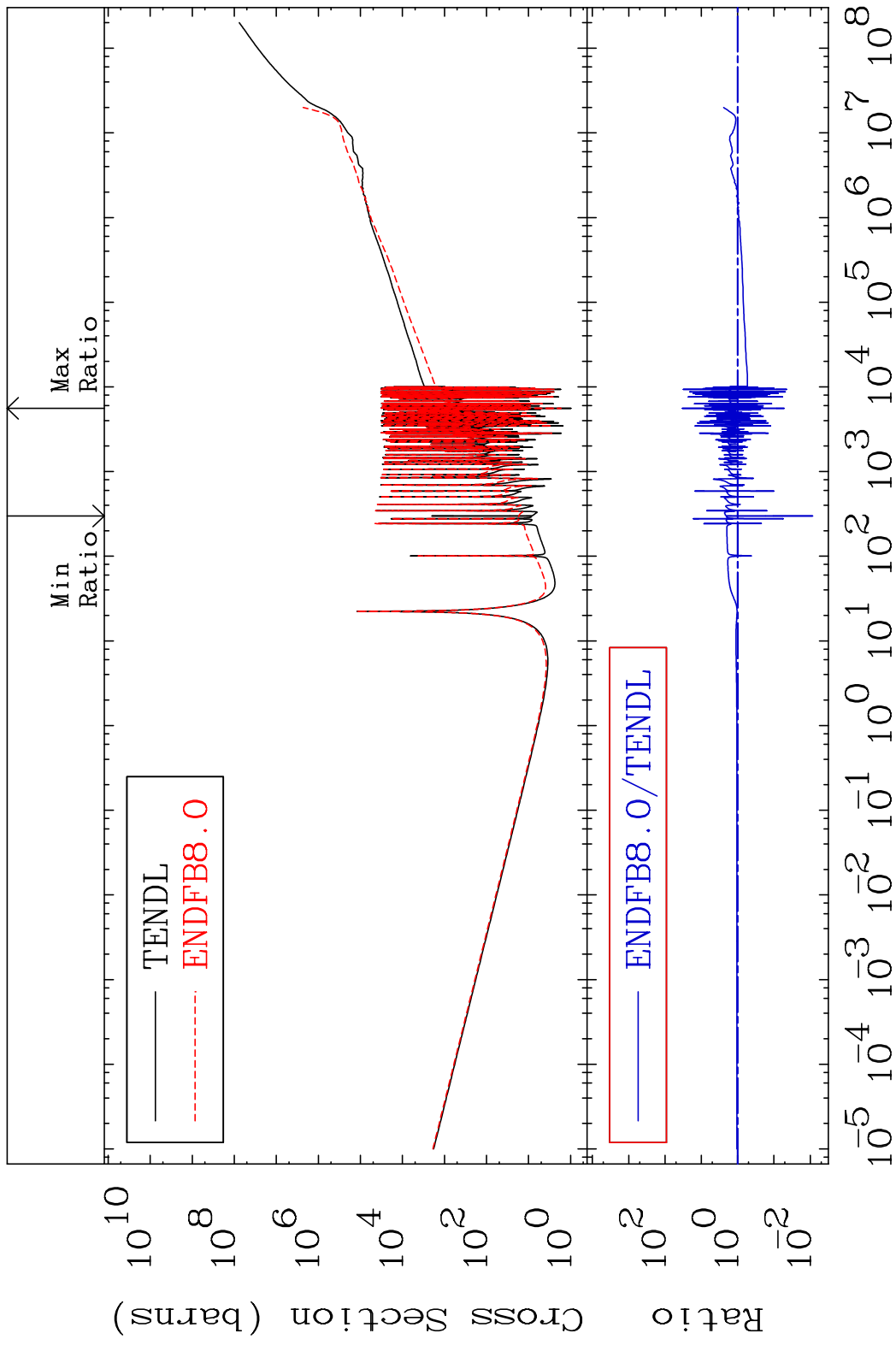
Total photon (eV-barns) 64-Gd-158
Cross Section -99.97 To 1444. %



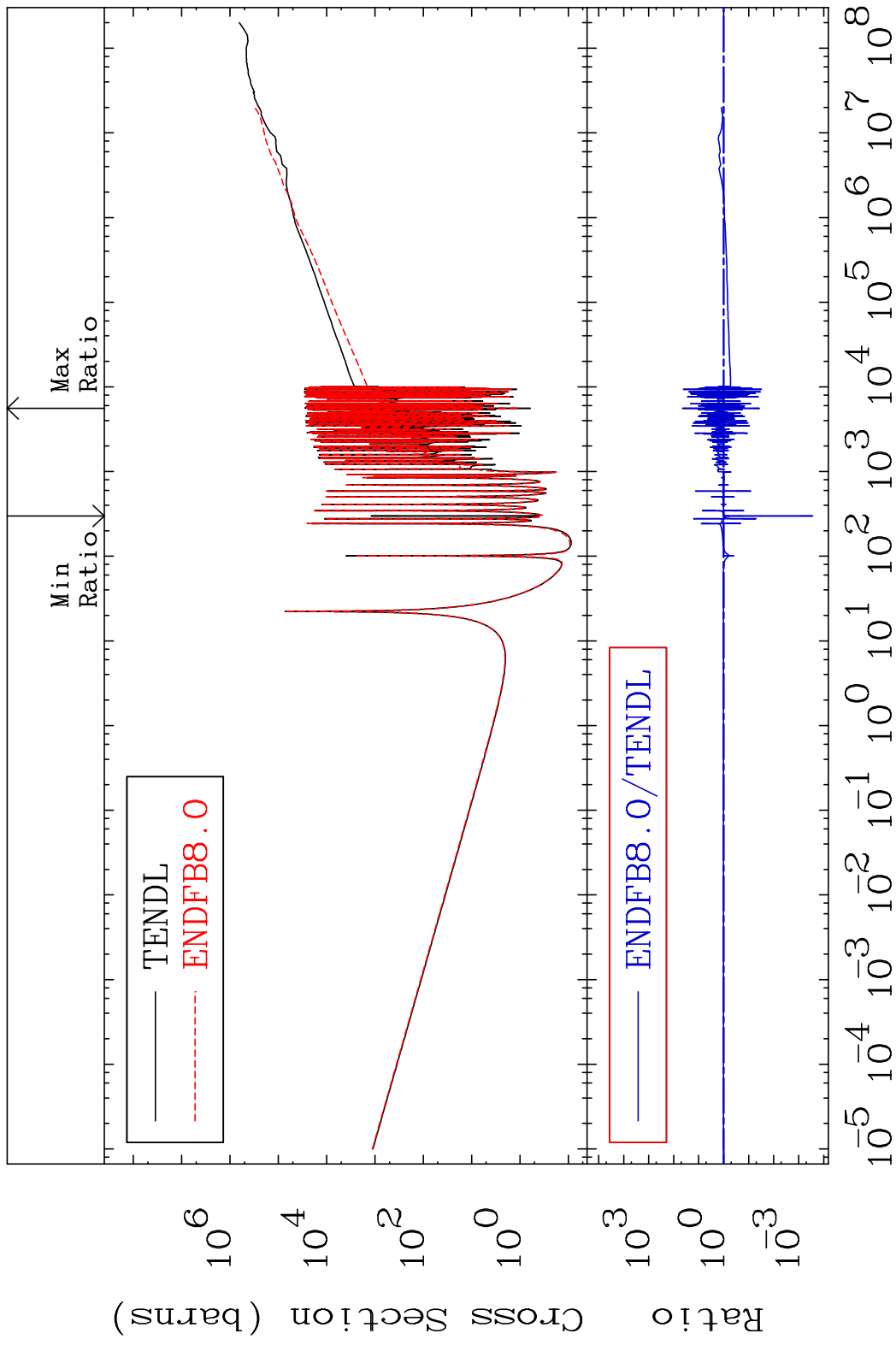
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Incident Energy (eV) 64-Gd-158

MAT 6443 Total kinematic kerma (high limit) 64-Gd-158
 Cross Section -99.14 To 3230. %



MAT 6443 Dpa total (eV-barns) 64-Gd-158
 Cross Section -99.97 To 4404. %

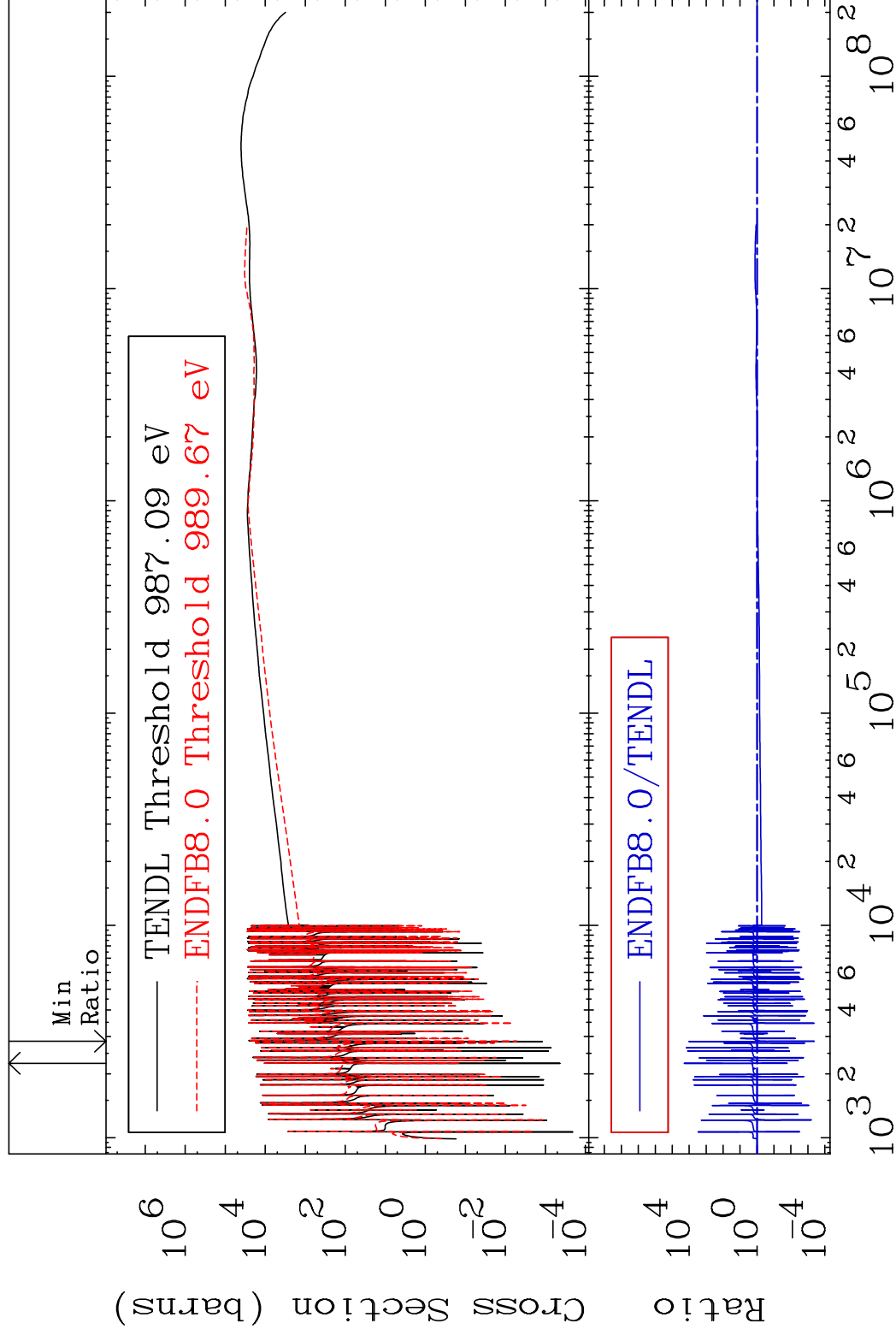


MAT 6443

Dpa elastic (mt2)

64-Gd-158

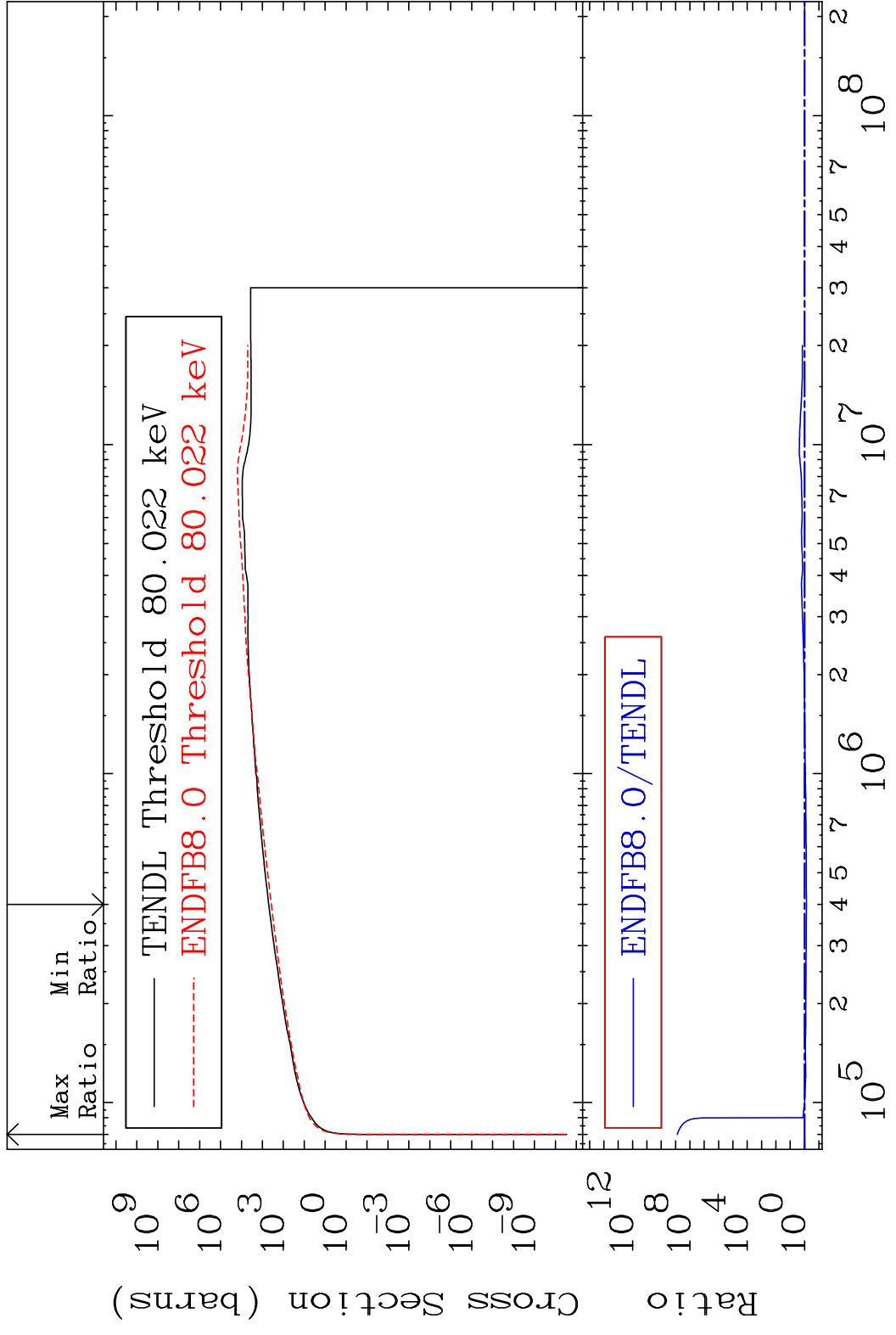
Cross Section -99.96 To 9999. %



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Incident Energy (eV)

64-Gd-158



MAT 6443 Dpa disappearance (mt102 -120) 64-Gd-158
 Cross Section -99.97 To 1497. %

