

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

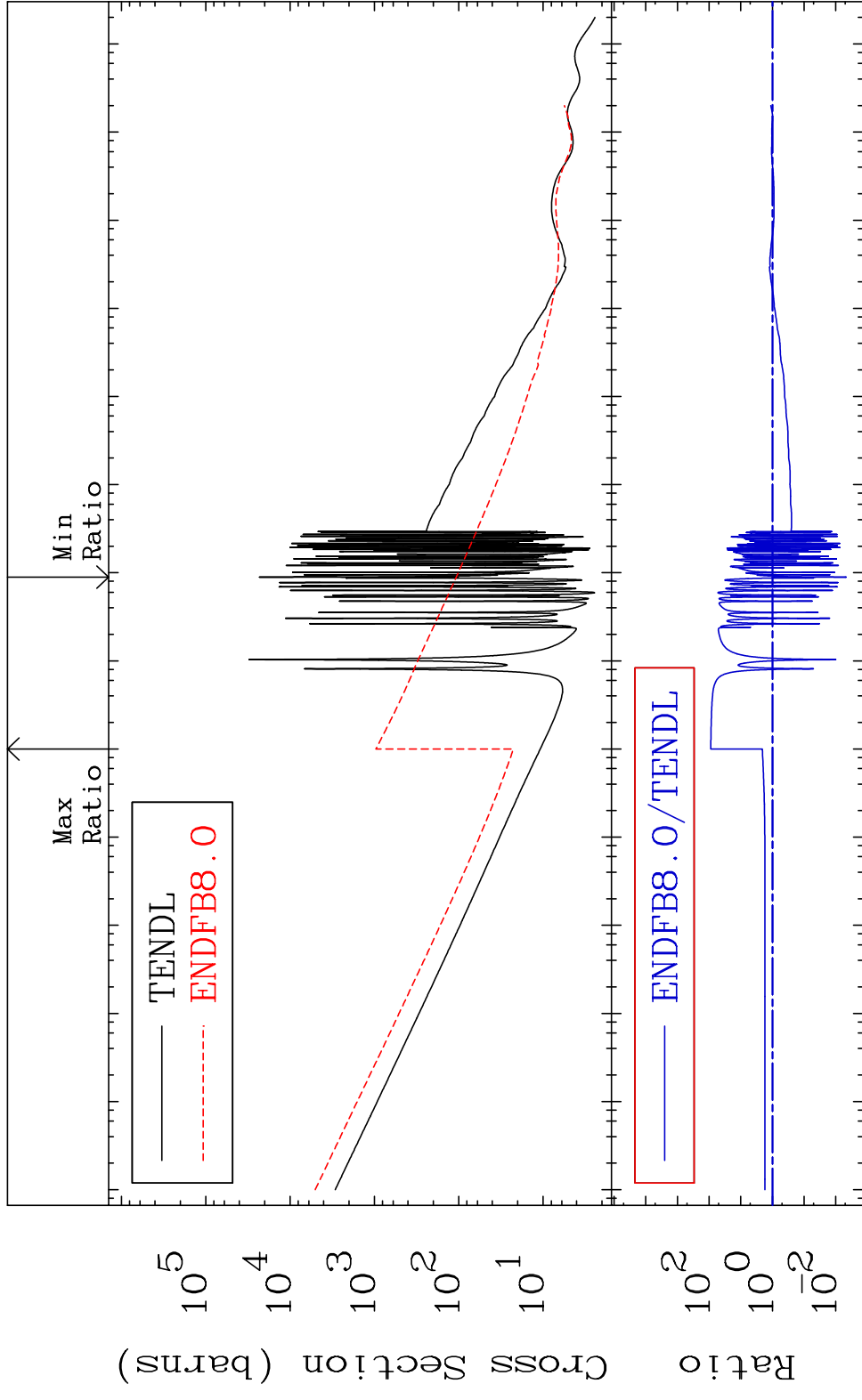
MAT 6340

Total

63-Eu-156

Cross Section

-99.54 To 8779. %



1

Incident Energy (eV)

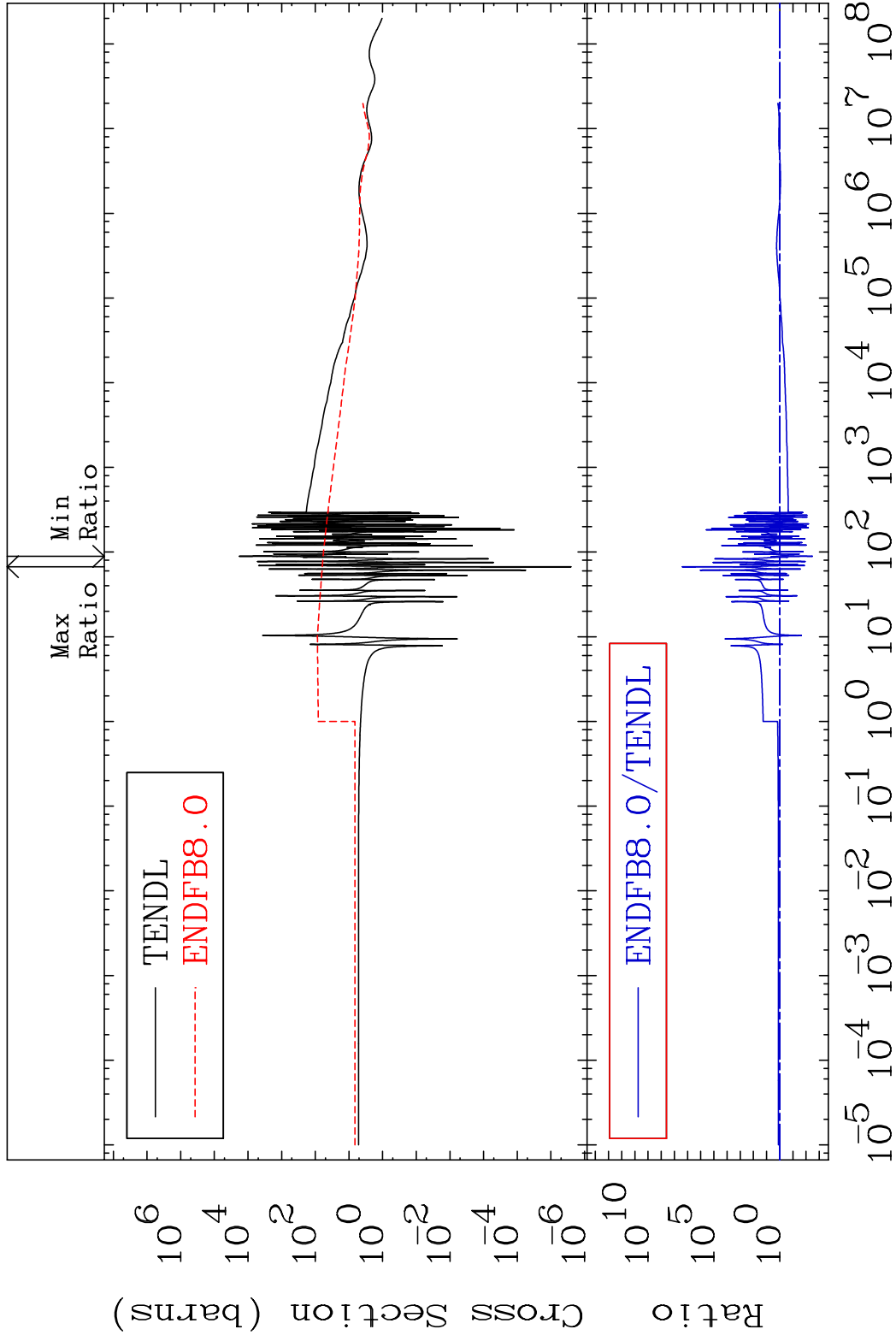
63-Eu-156

MAT 6340

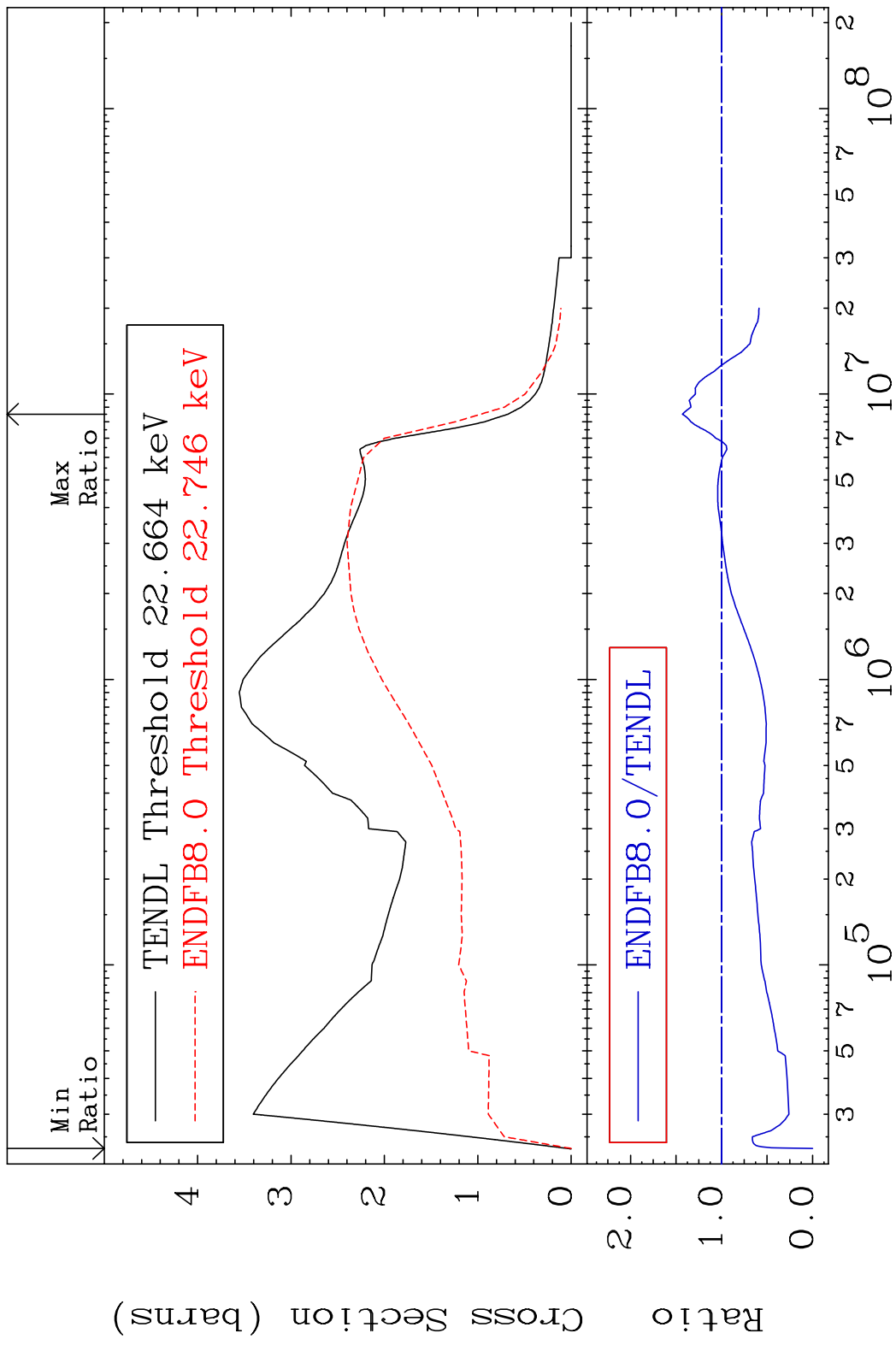
Elastic

63-Eu-156

Cross Section -99.68 To 9999. %

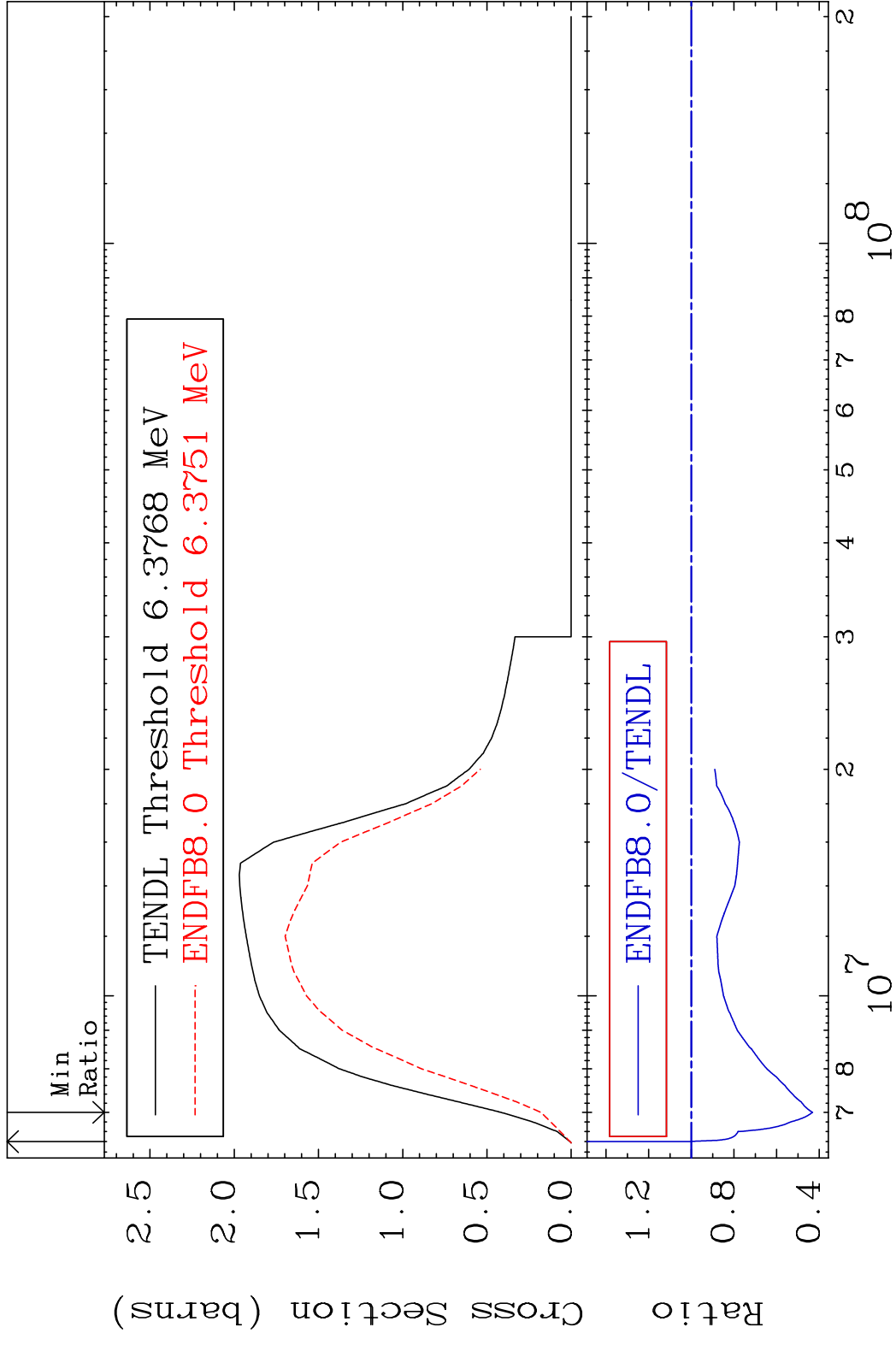


MAT 6340 Inelastic 63-Eu-156
 Cross Section -100.0 To 43.06 %



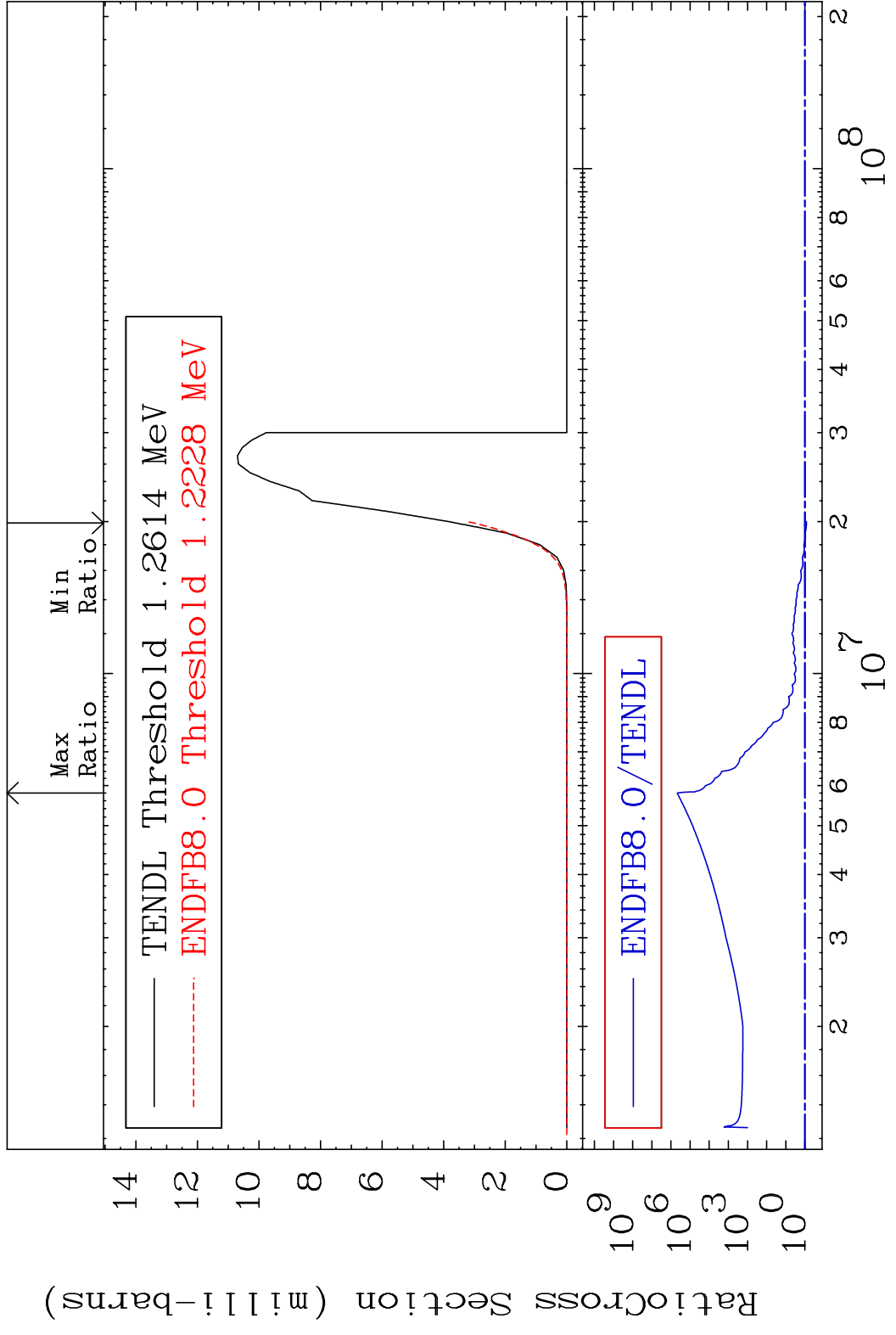
3 3 Incident Energy (eV) 63-Eu-156

MAT 6340 (n,2n) 63-Eu-156
 Cross Section -56.84 To 4.197 %

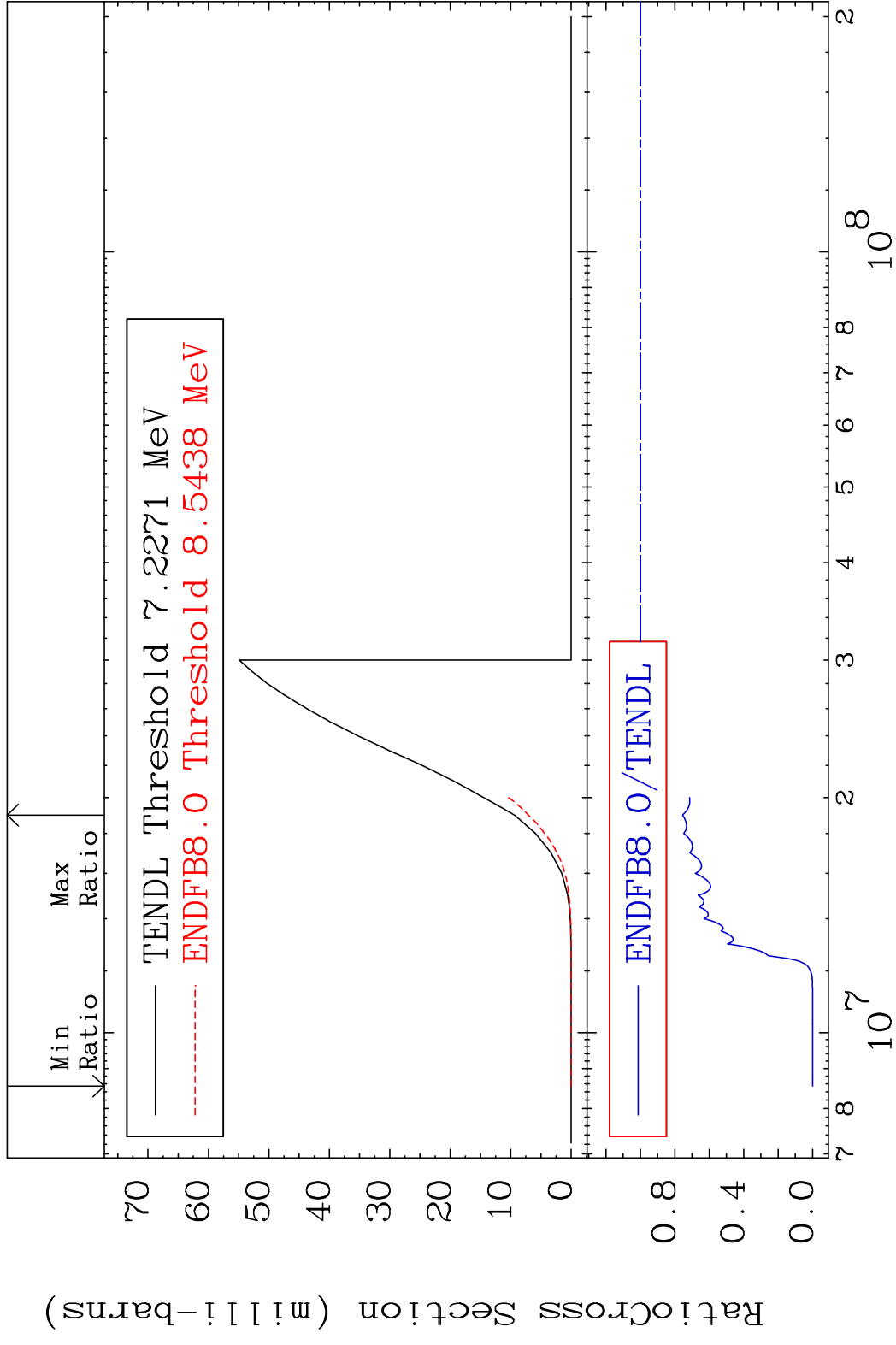


4 Incident Energy (eV) 63-Eu-156

MAT 6340 (n, n') α 63-Eu-156
 Cross Section -16.13 To 9999. %

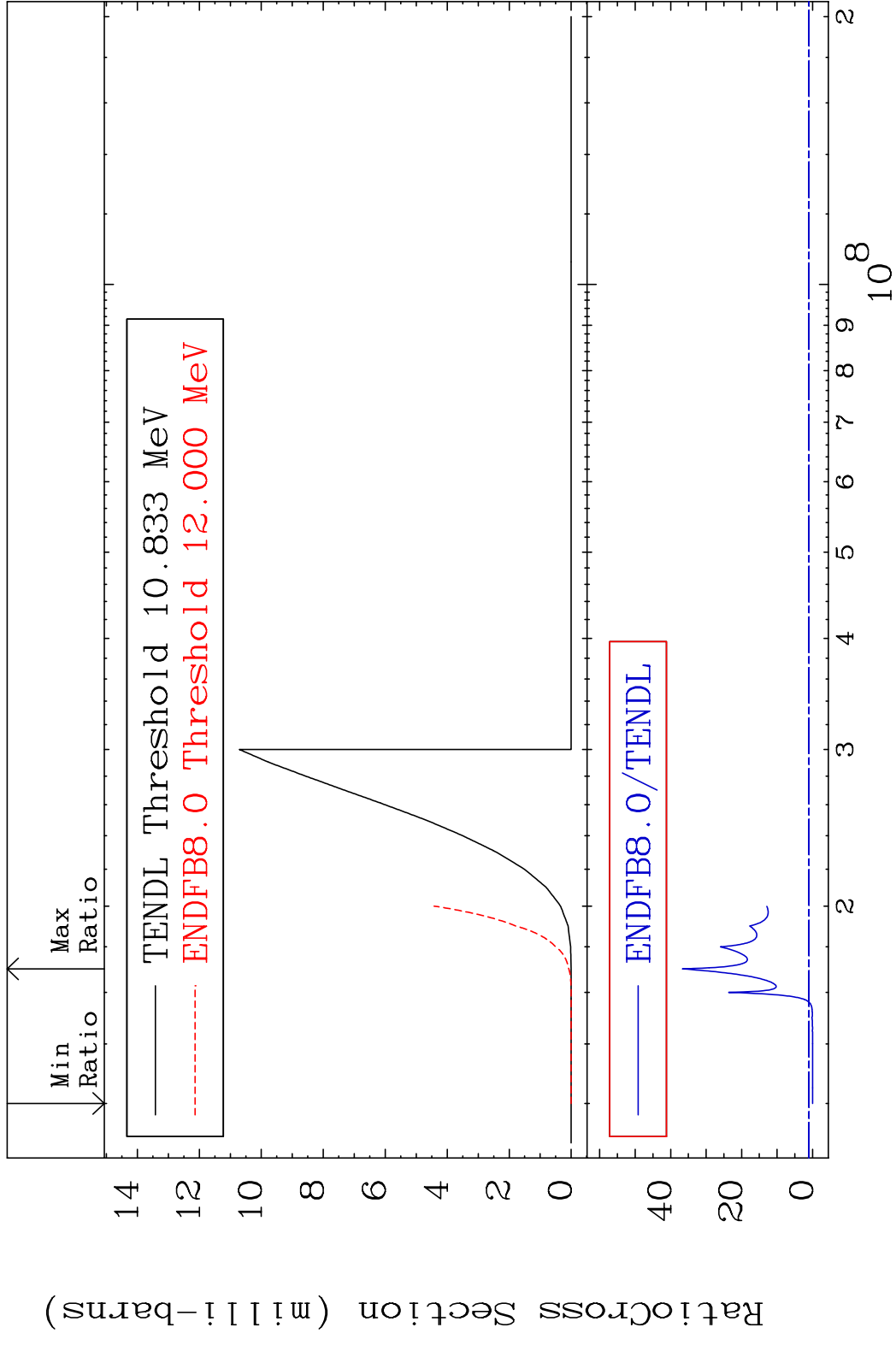


MAT 6340 (n, n') p 63-Eu-156
 Cross Section -100.0 To -24.39%

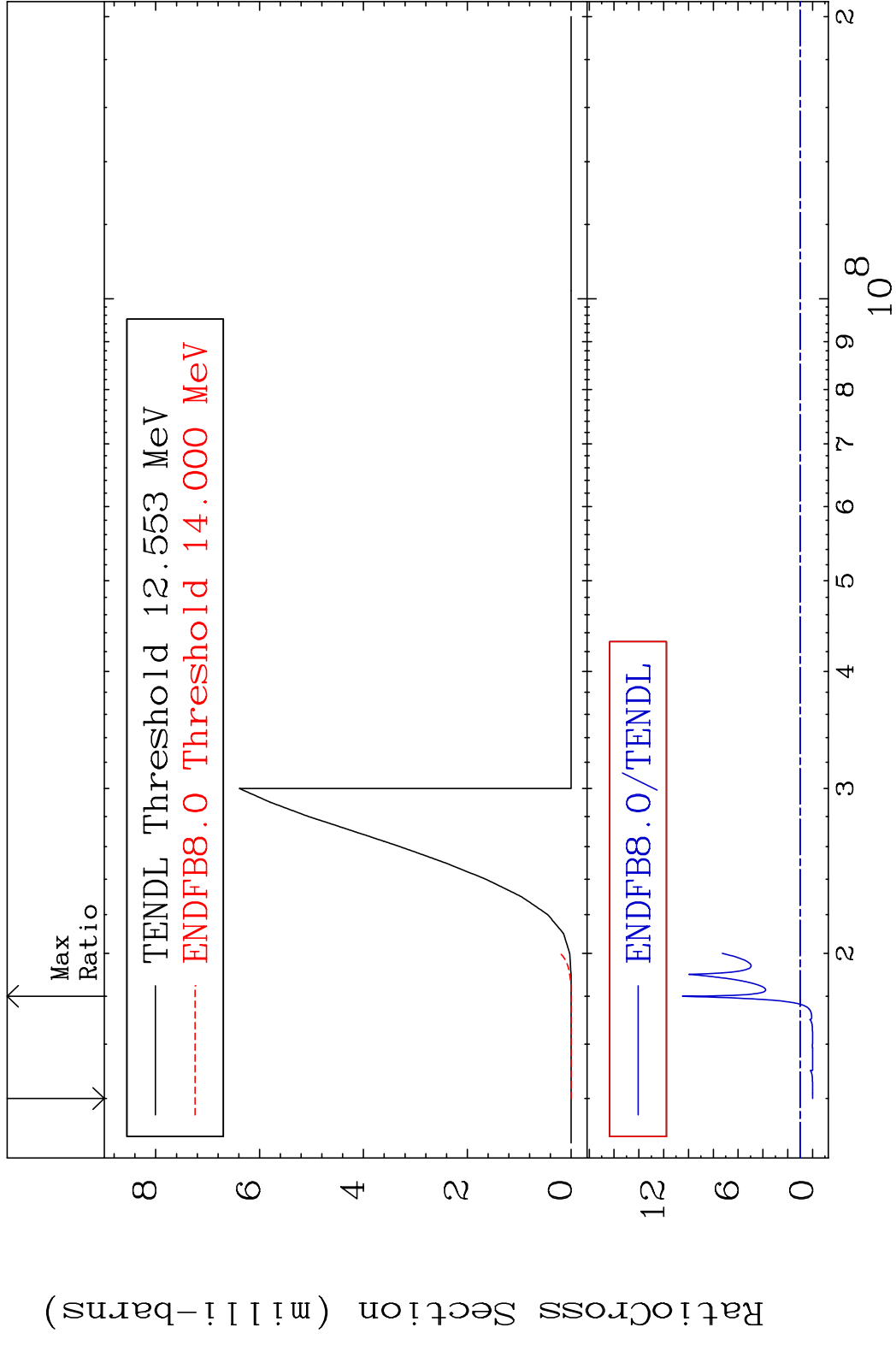


7 Incident Energy (eV) 63-Eu-156

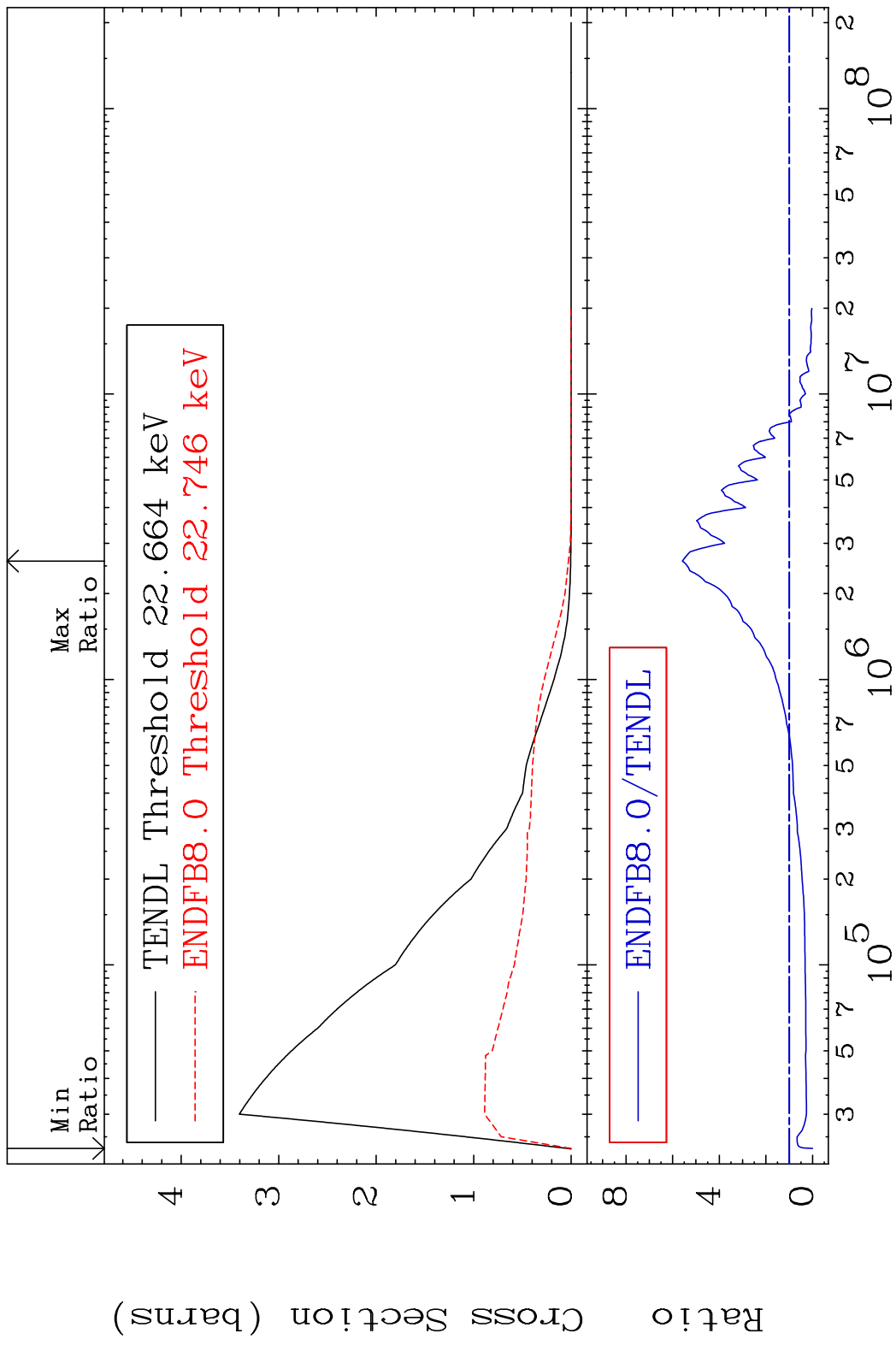
MAT 6340 (n, n') d 63-Eu-156
 Cross Section -100.0 To 3570. %



MAT 6340 (n, n') t 63-Eu-156
 Cross Section -100.0 To 949.5 %

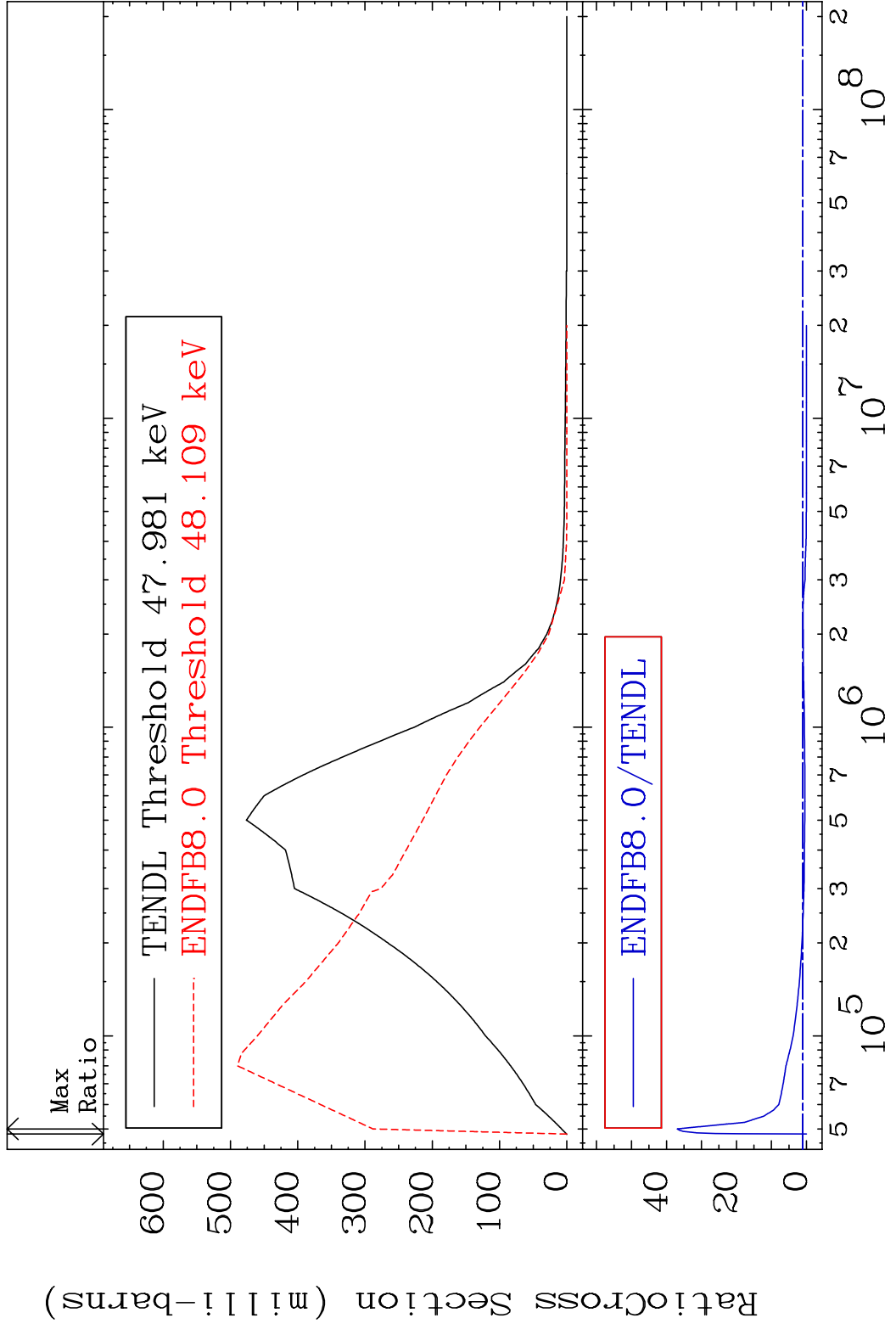


MAT 6340 MT= 51 (n, n') Level 63-Eu-156
 Cross Section -100.0 To 458.3 %

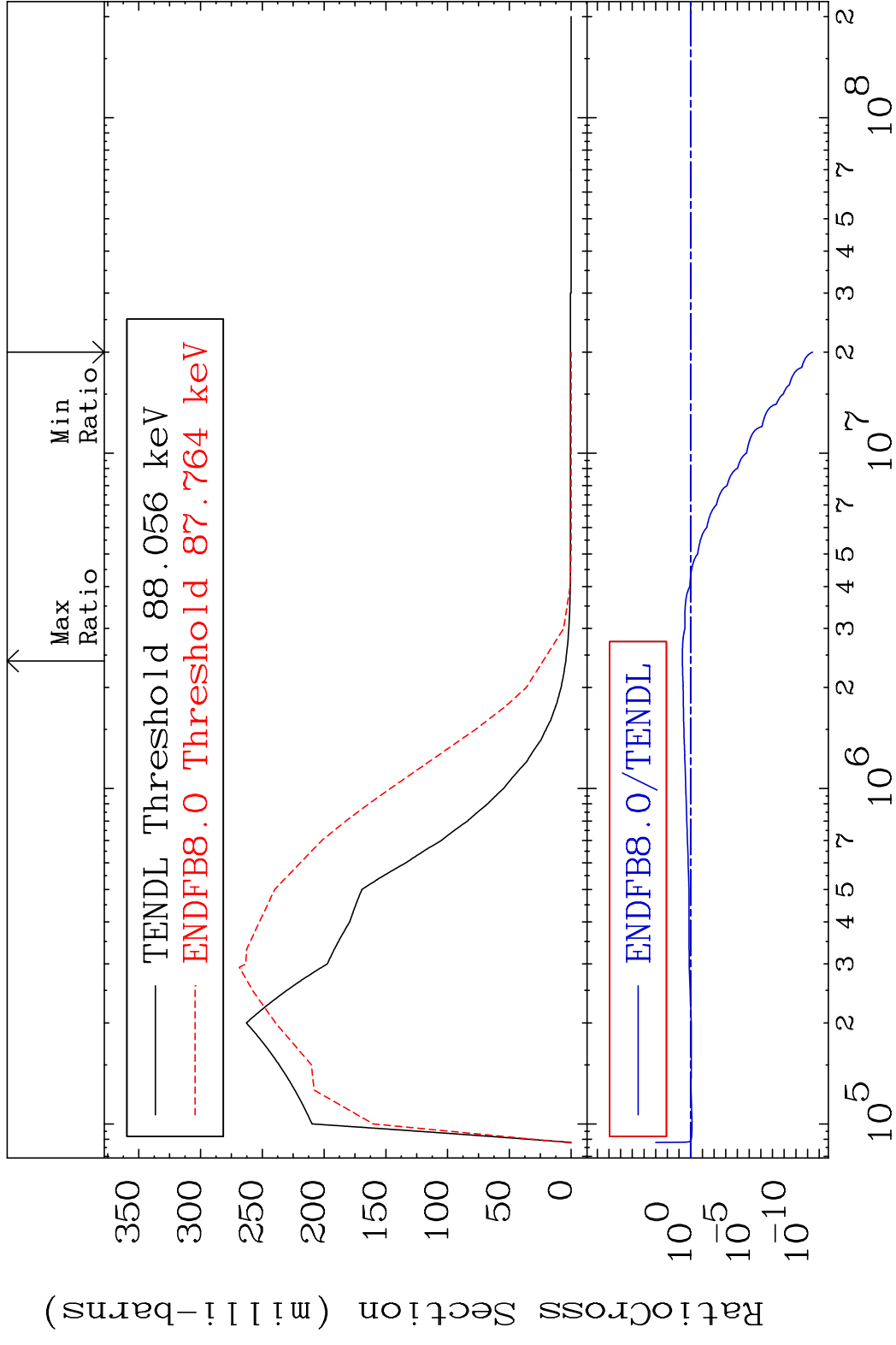


10 Incident Energy (eV) 63-Eu-156

MAT 6340 MT= 52 (n, n') Level 63-Eu-156
 Cross Section -100.0 To 3594. %

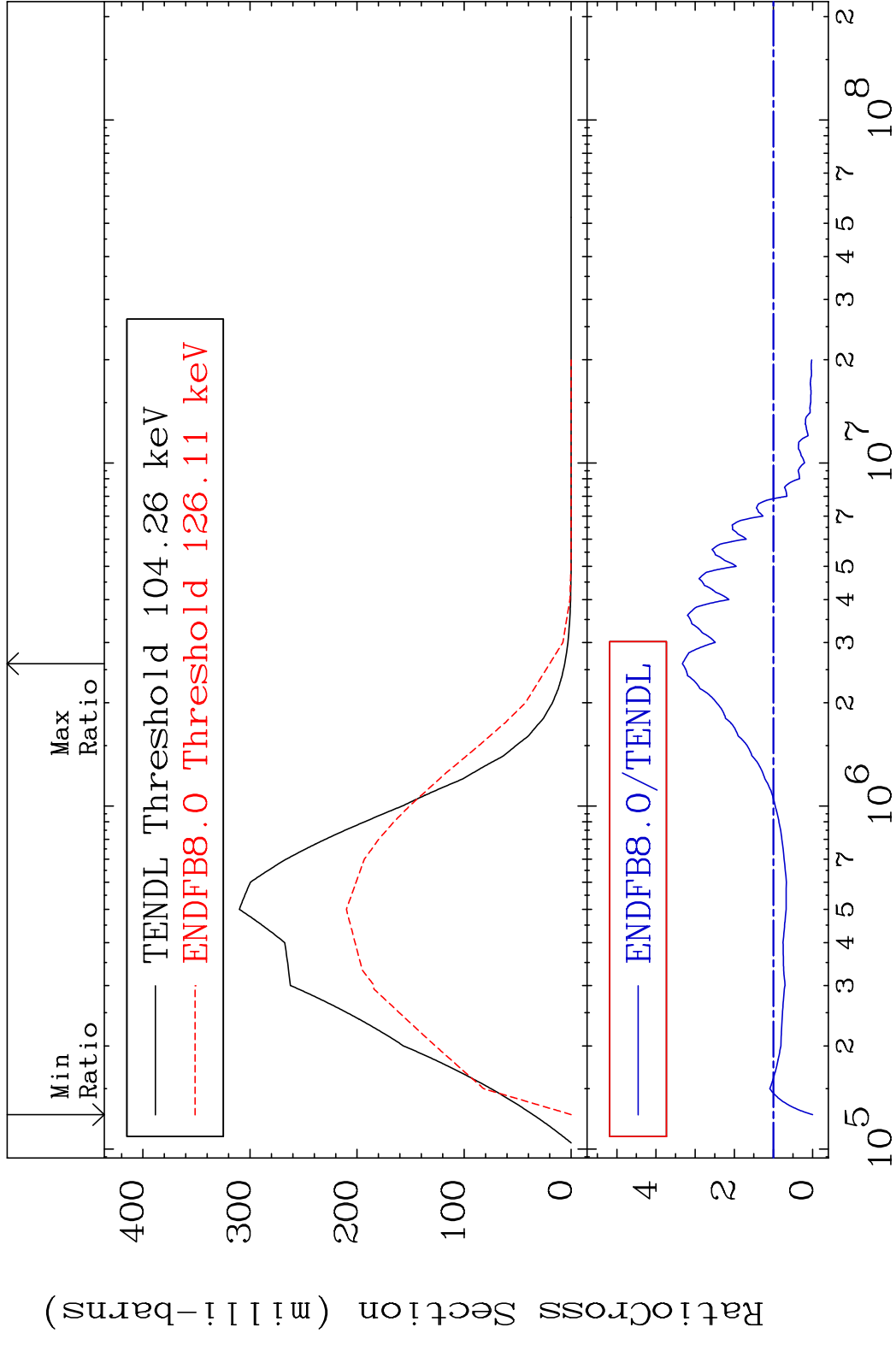


MAT 6340 MT= 53 (n, n') Level 63-Eu-156
 Cross Section -100.0 To 418.5 %



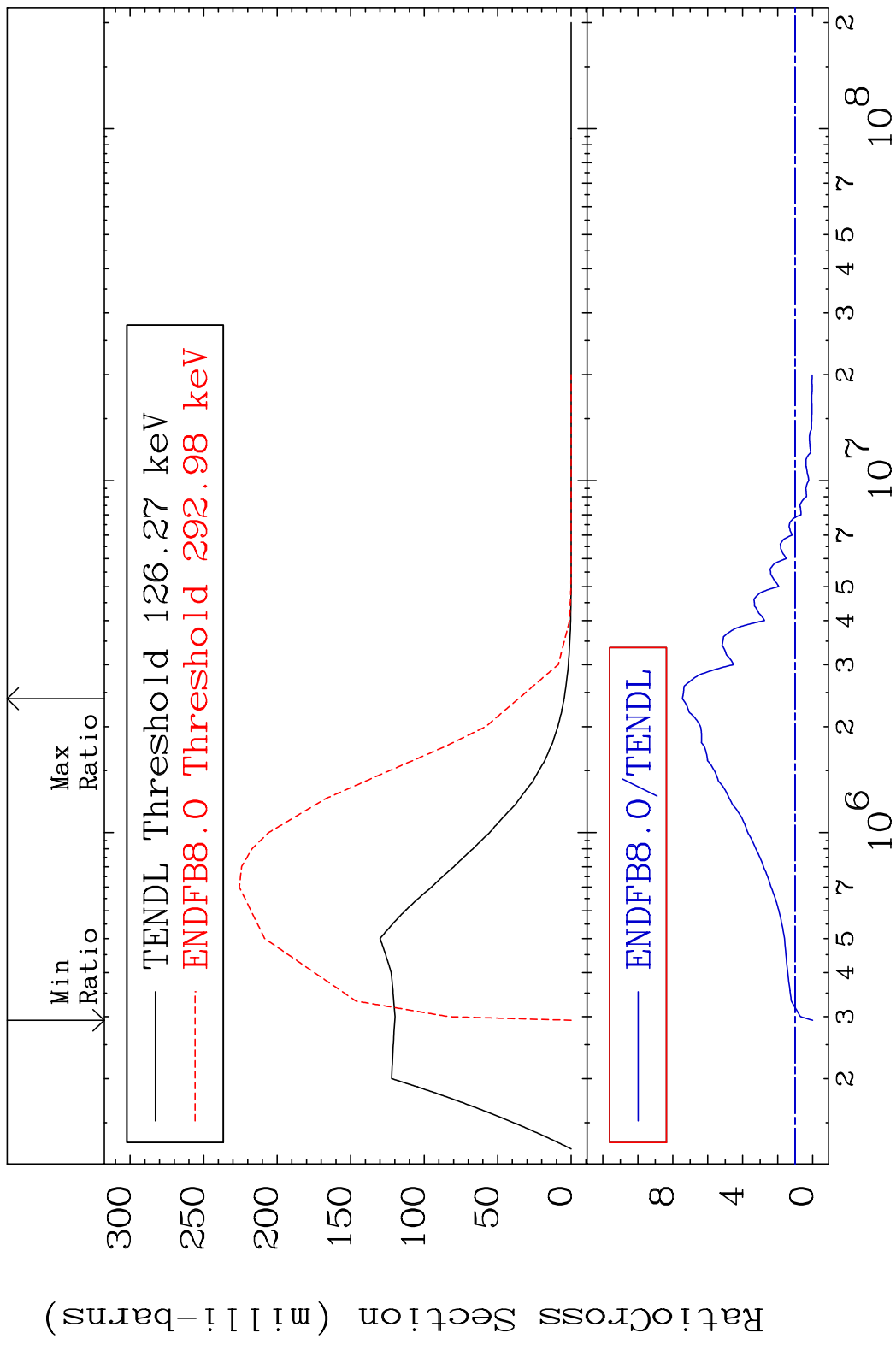
12 Incident Energy (eV) 63-Eu-156

MAT 6340 MT= 54 (n, n') Level 63-Eu-156
 Cross Section -100.0 To 232.6 %

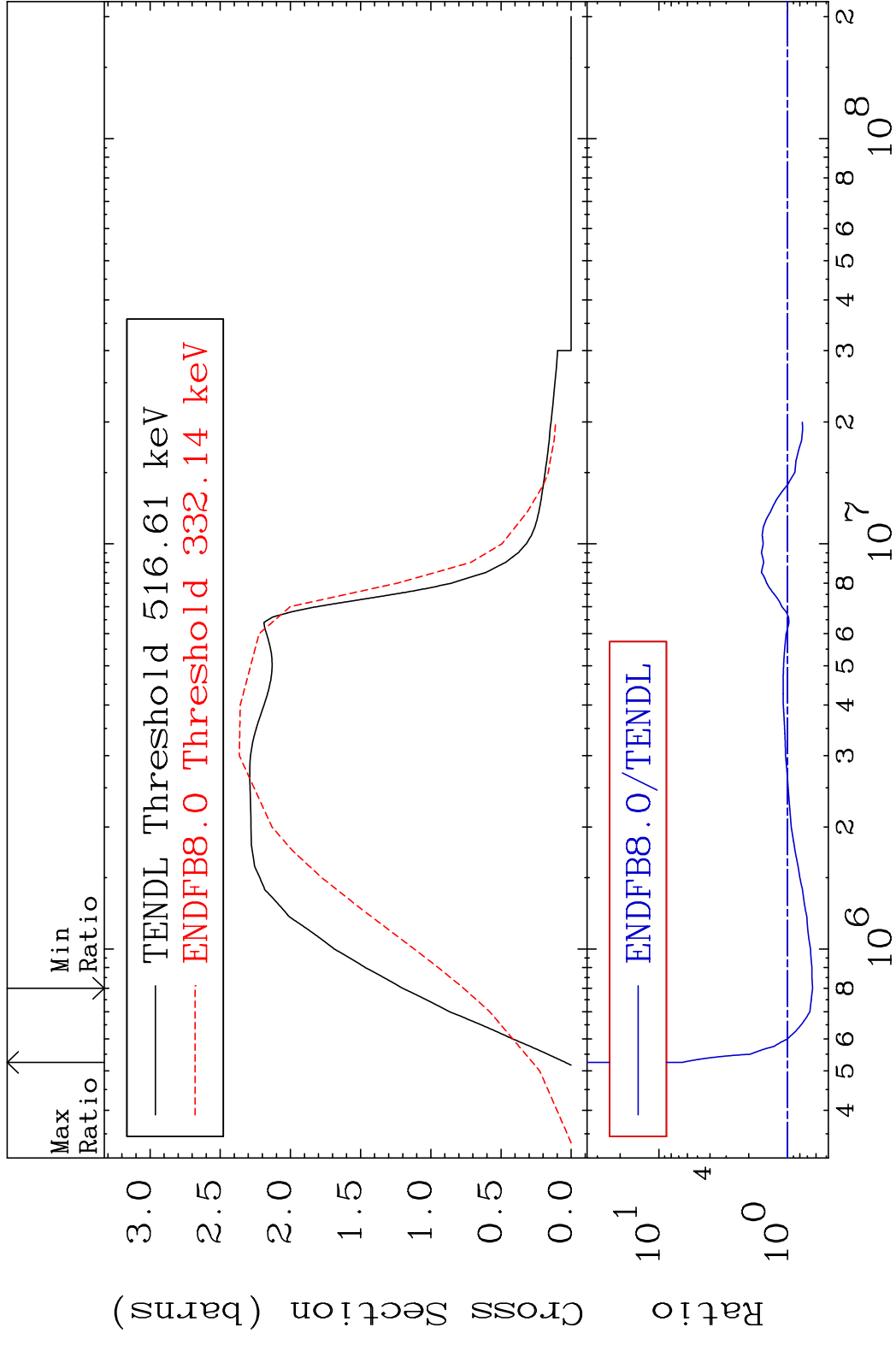


13 Incident Energy (eV) 63-Eu-156

MAT 6340 MT= 55 (n, n') Level 63-Eu-156
 Cross Section -100.0 To 645.1 %



MAT 6340 (n,n') Continuum 63-Eu-156
 Cross Section -36.17 To 556.2 %

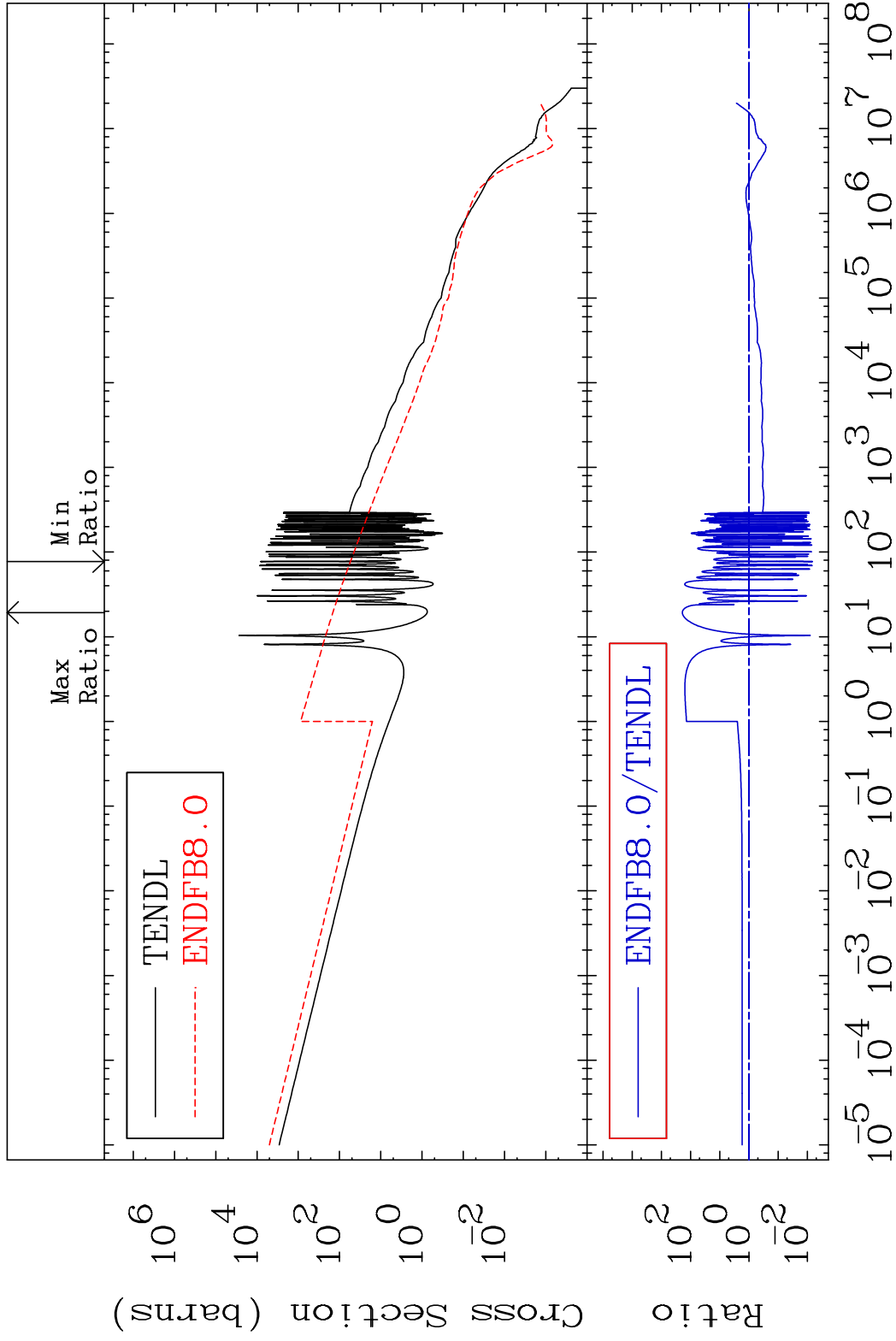


MAT 6340

(n, γ)

63-Eu-156

Cross Section -99.33 To 9999. %



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Incident Energy (eV)

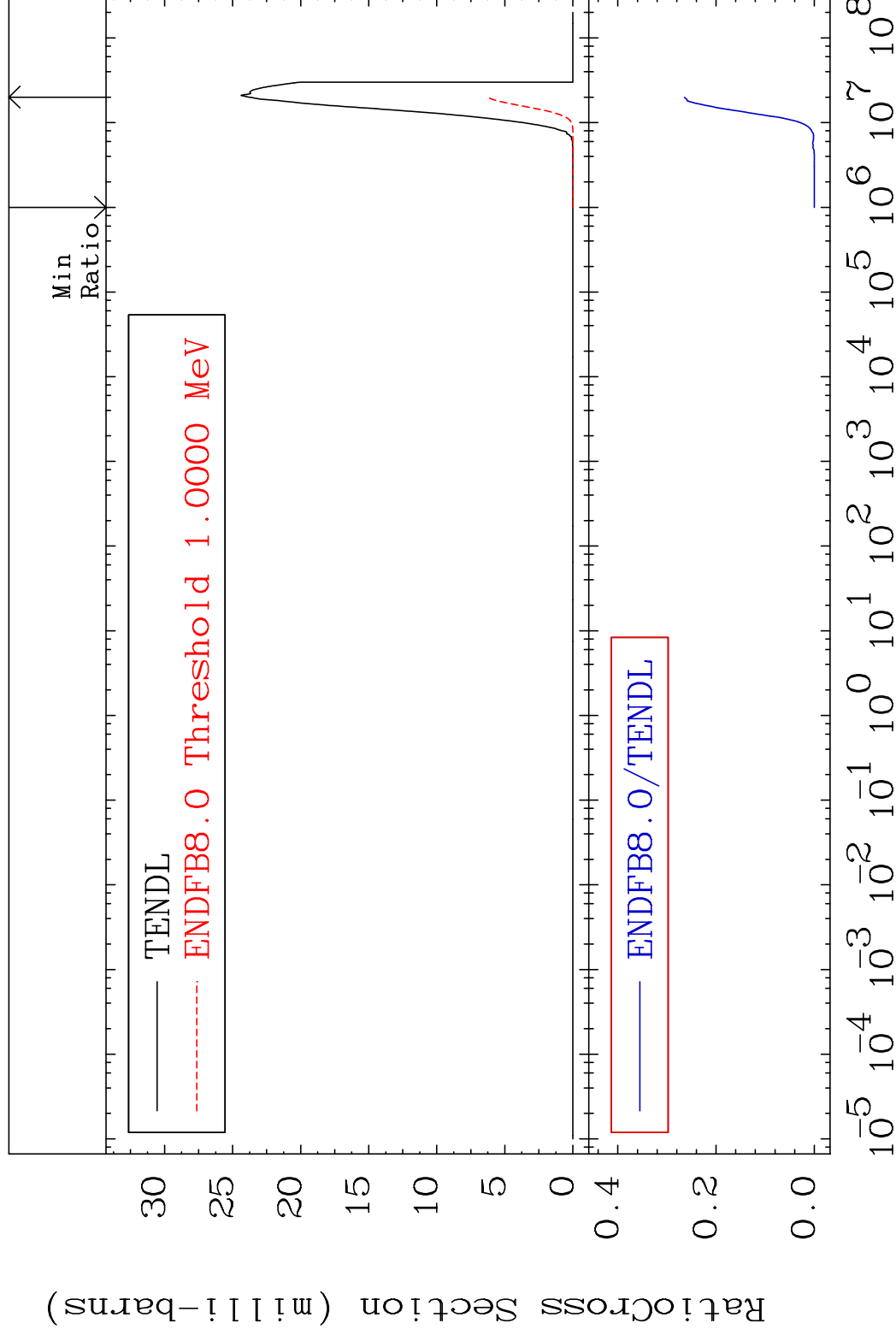
63-Eu-156

MAT 6340

(n, p)

63-Eu-156

Cross Section -100.0 To -73.49%

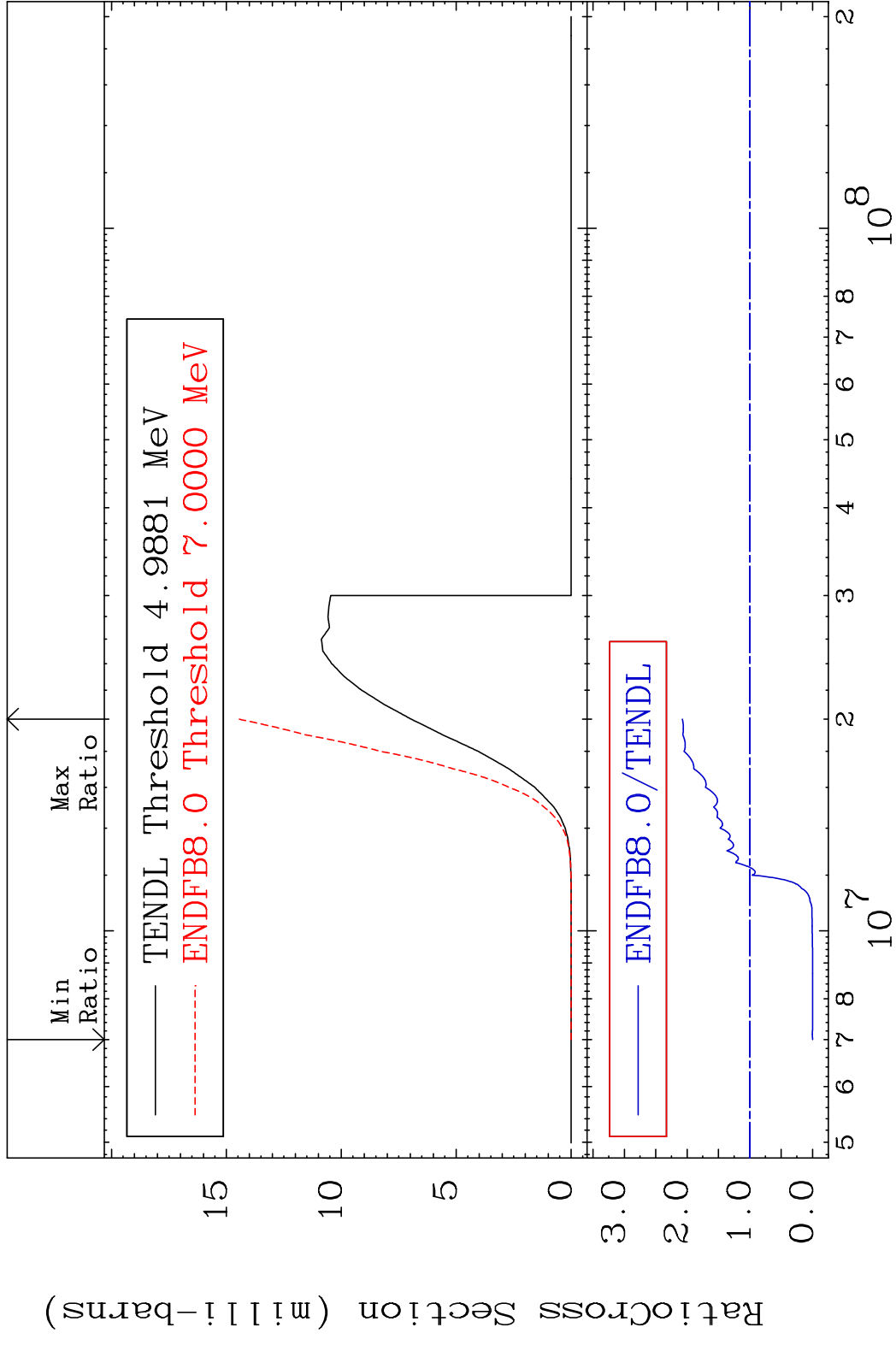


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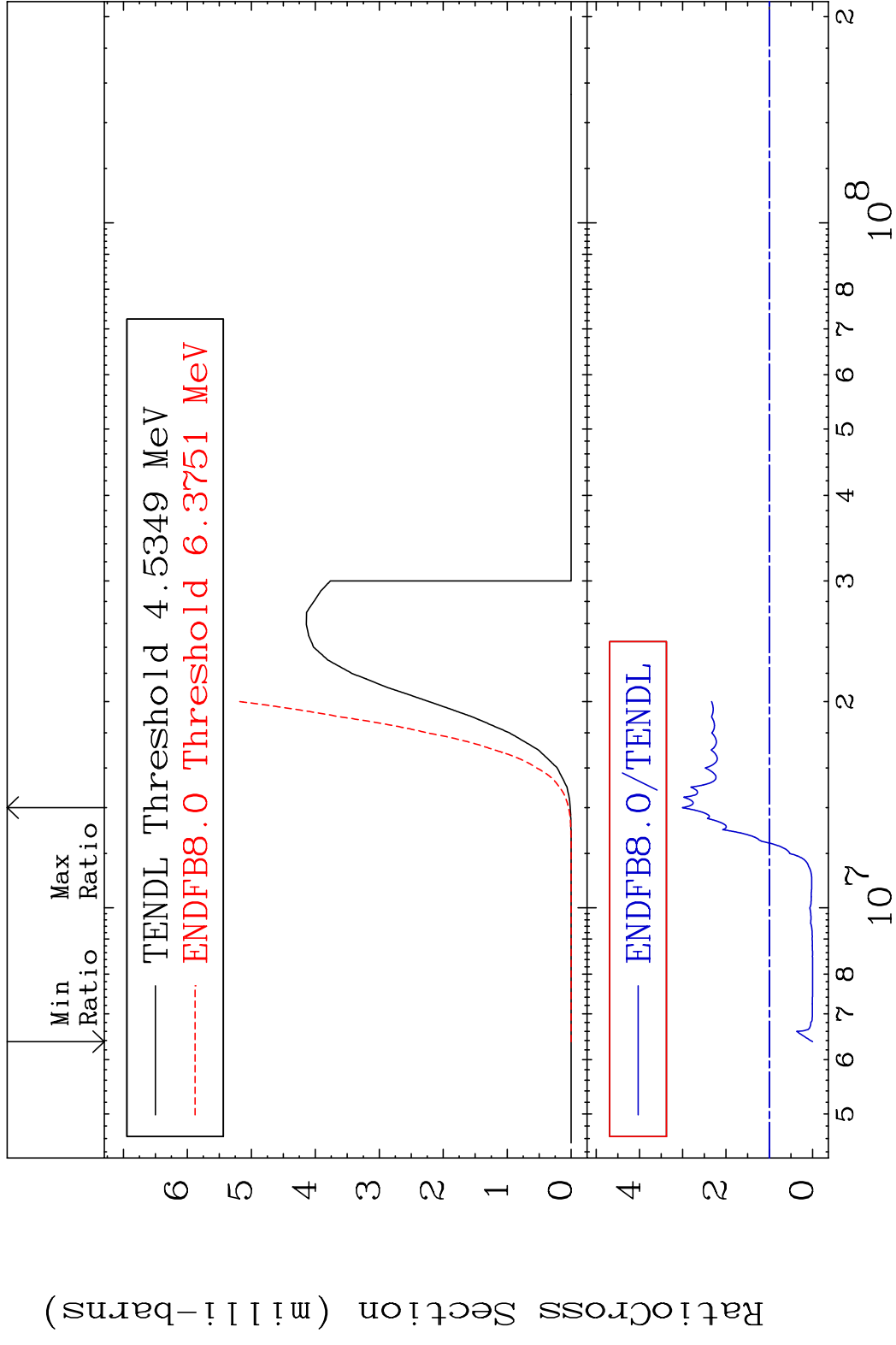
Incident Energy (eV)

63-Eu-156

MAT 6340 (n,d) 63-Eu-156
 Cross Section -100.0 To 107.6 %



MAT 6340 (n, t) 63-Eu-156
 Cross Section -100.0 To 200.8 %



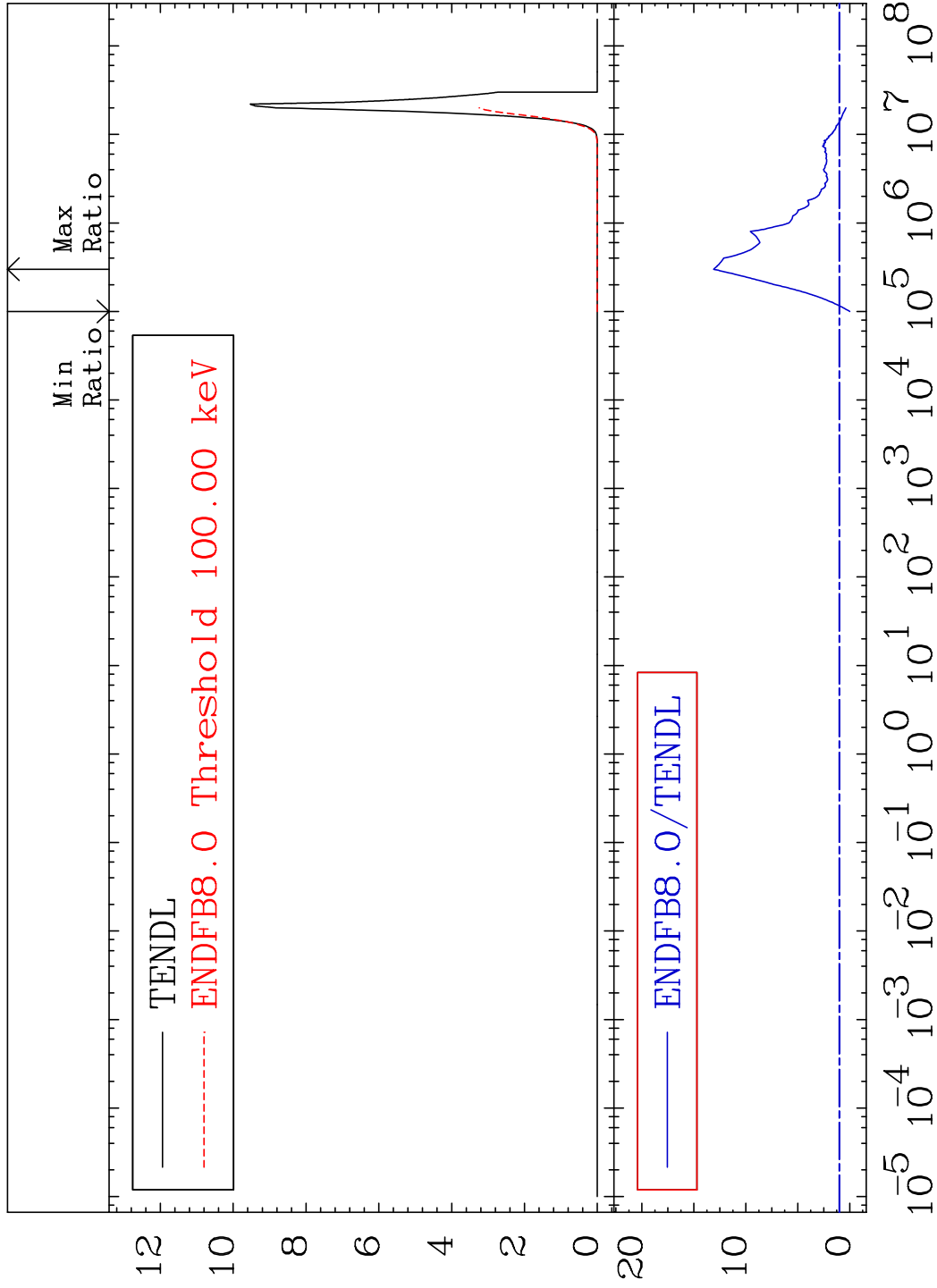
MAT 6340

(n, α)

63-Eu-156

Cross Section -100.0 To 1210. %

RatioCross Section (milli-barns)



20

Incident Energy (eV)

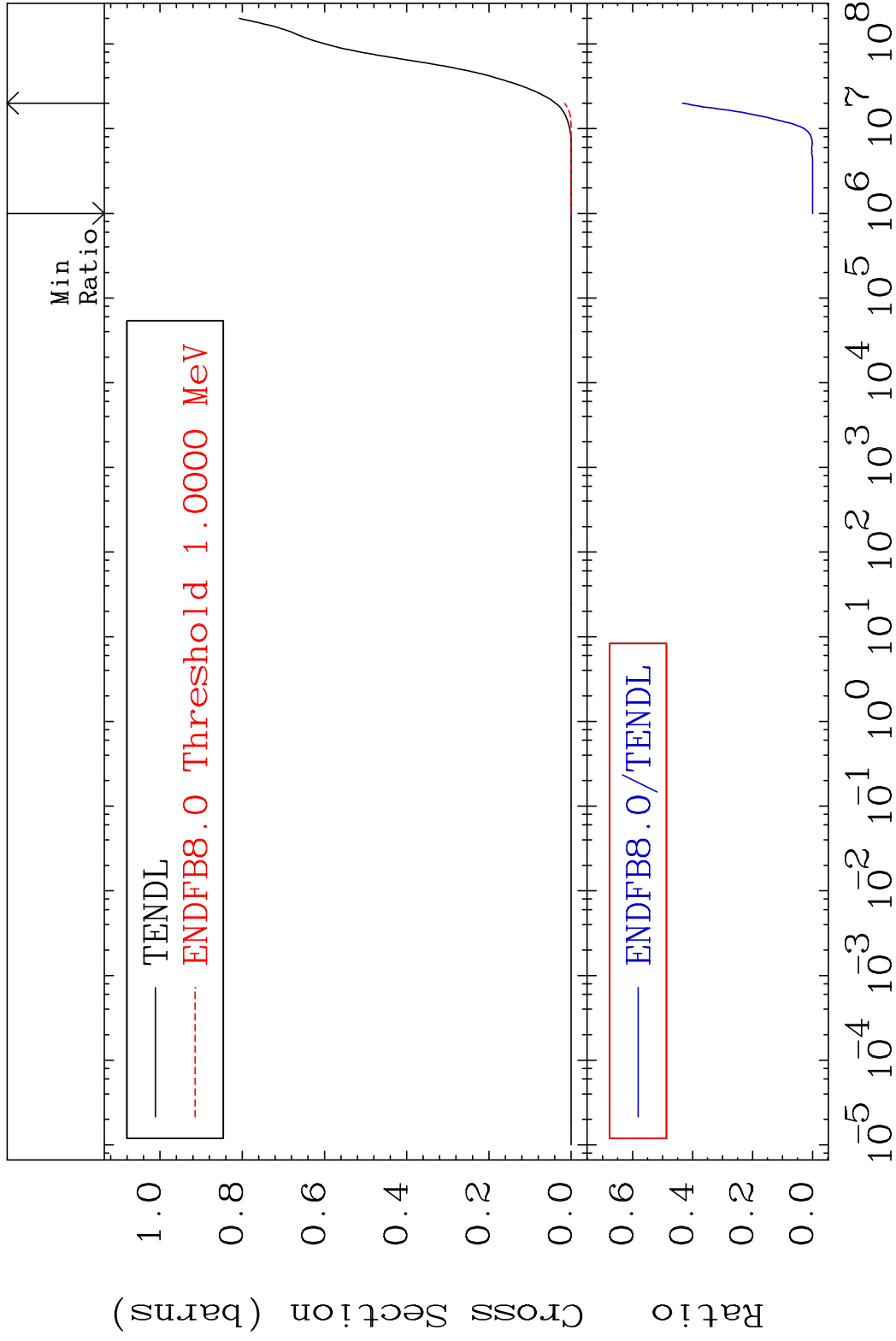
63-Eu-156

MAT 6340

Hydrogen Production

63-Eu-156

Cross Section -100.0 To -56.59%



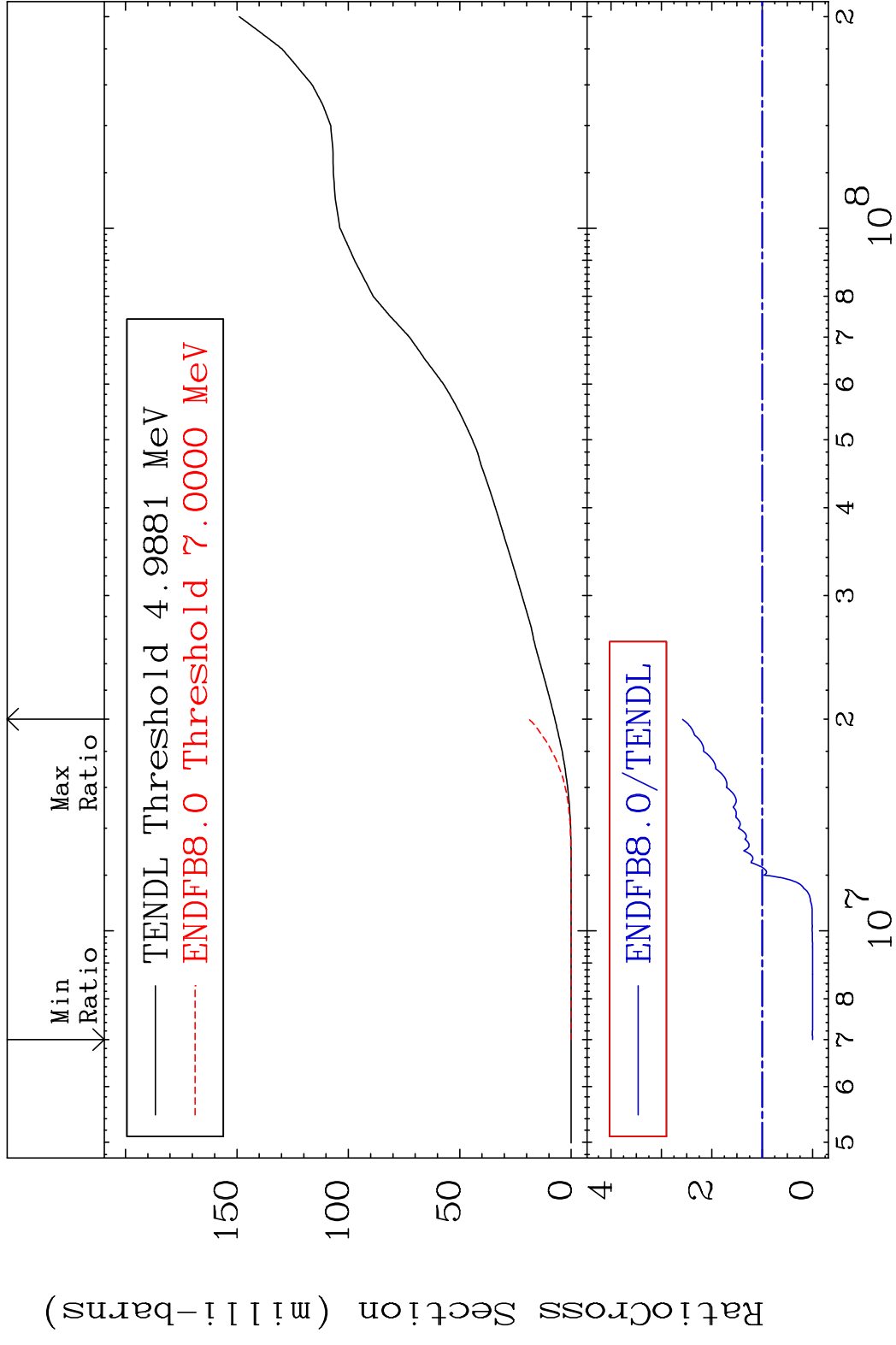
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Incident Energy (eV)

63-Eu-156

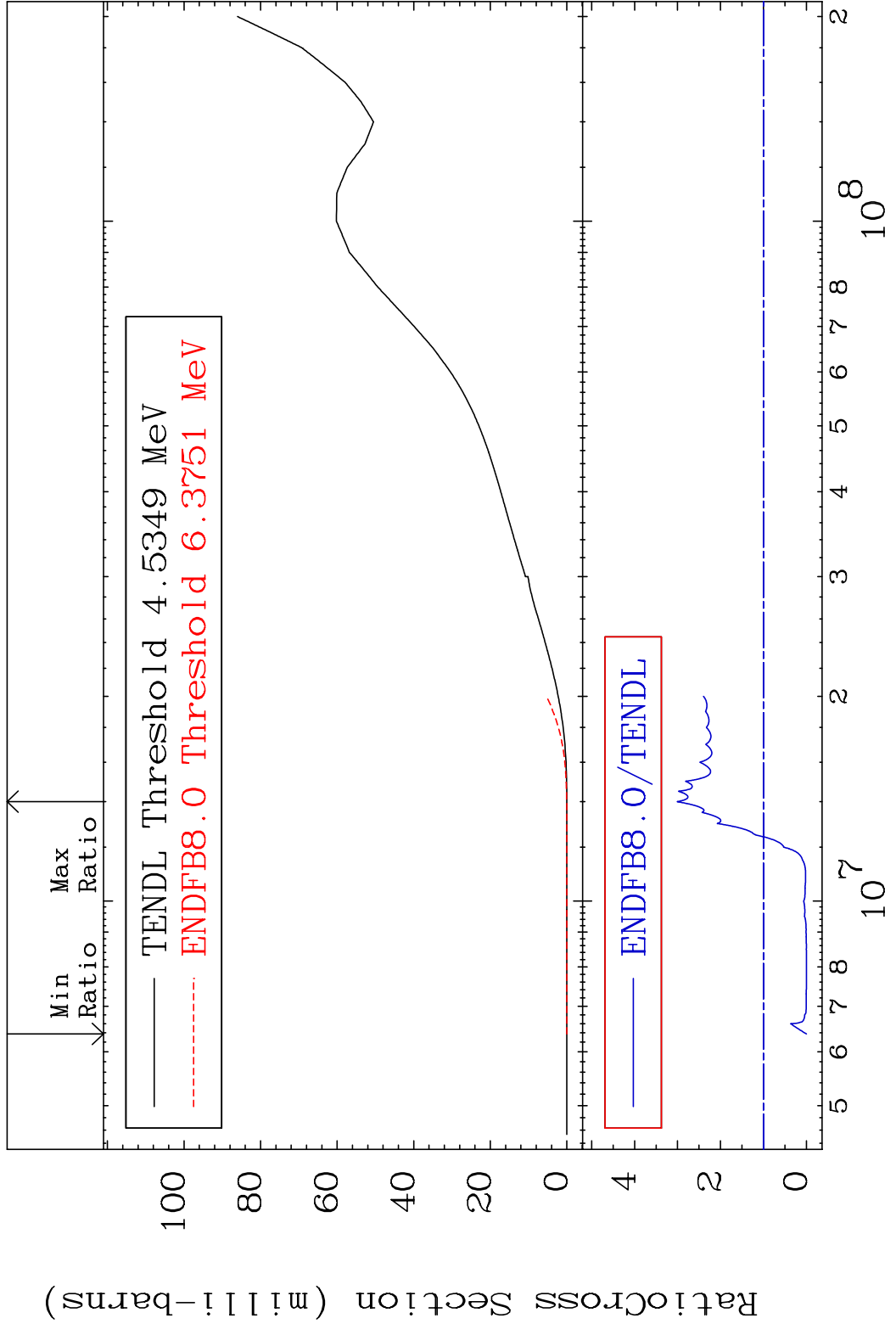
MAT 6340

Deuterium Production 63-Eu-156
Cross Section -100.0 To 158.4 %



MAT 6340

Tritium Production 63-Eu-156
Cross Section -100.0 To 200.8 %

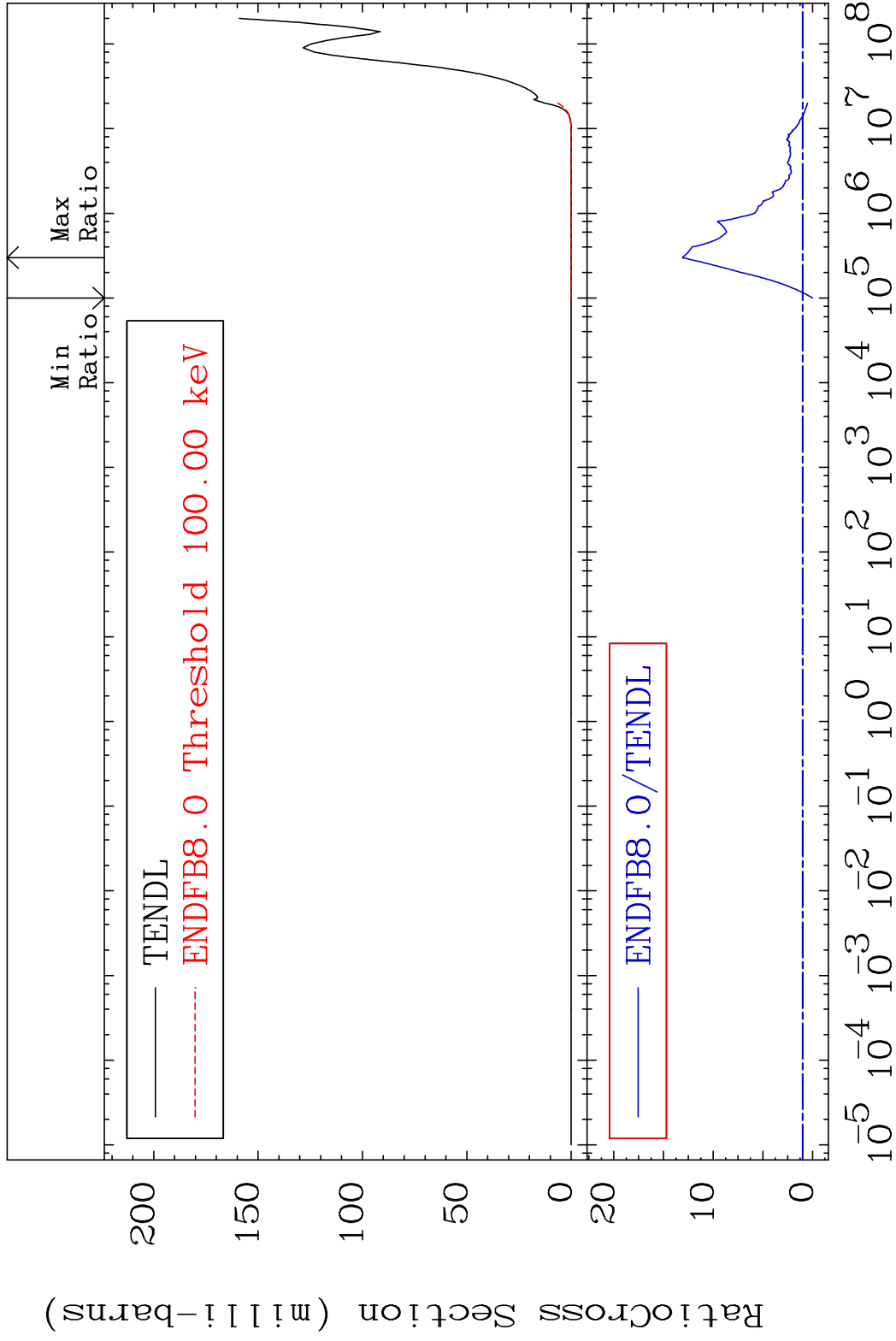


MAT 6340

He-4 Production

63-Eu-156

Cross Section -100.0 To 1210. %



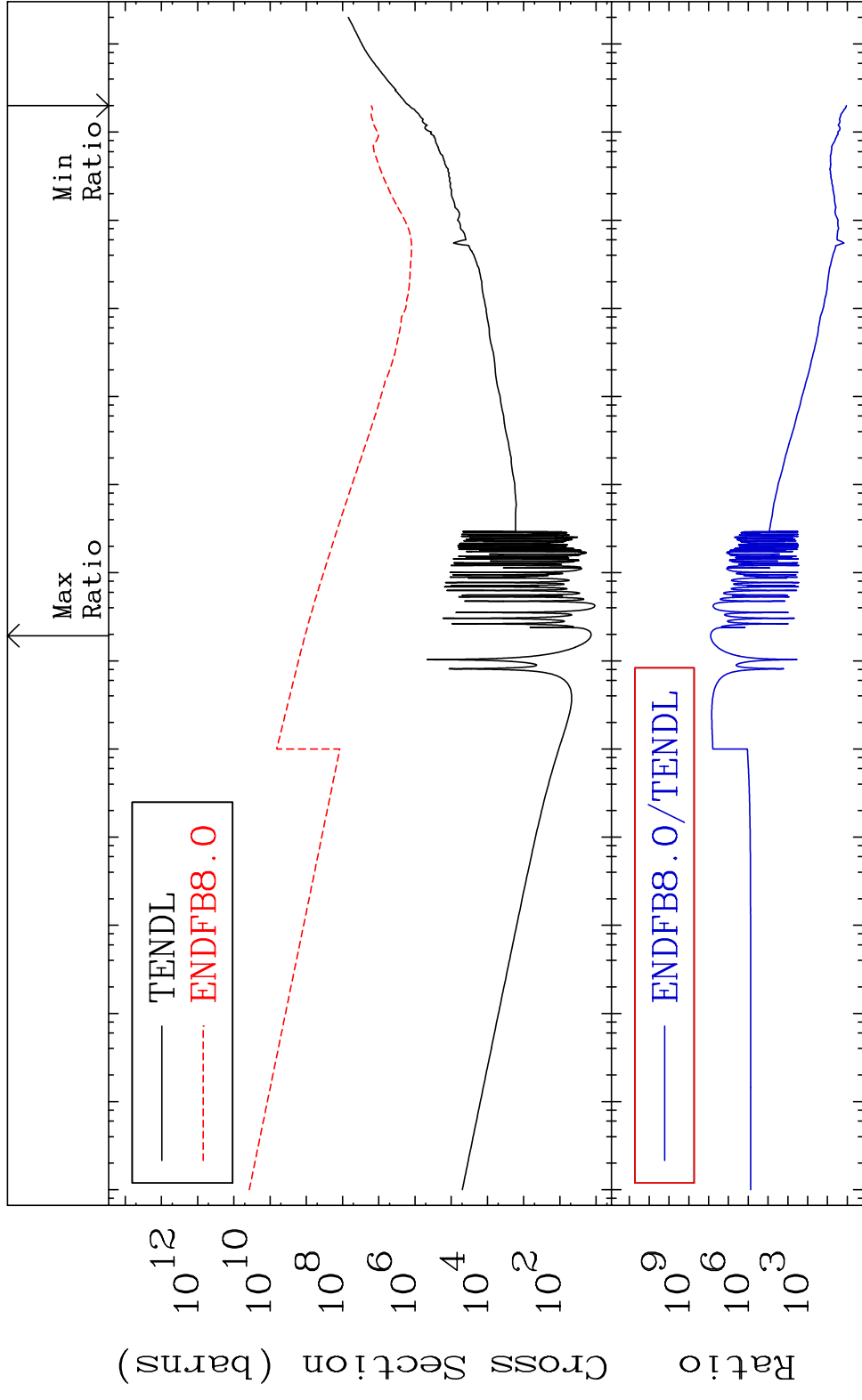
24

Incident Energy (eV)

63-Eu-156

MAT 6340

Kerma total (eV-barns) 63-Eu-156
Cross Section 1017. To 9999. %

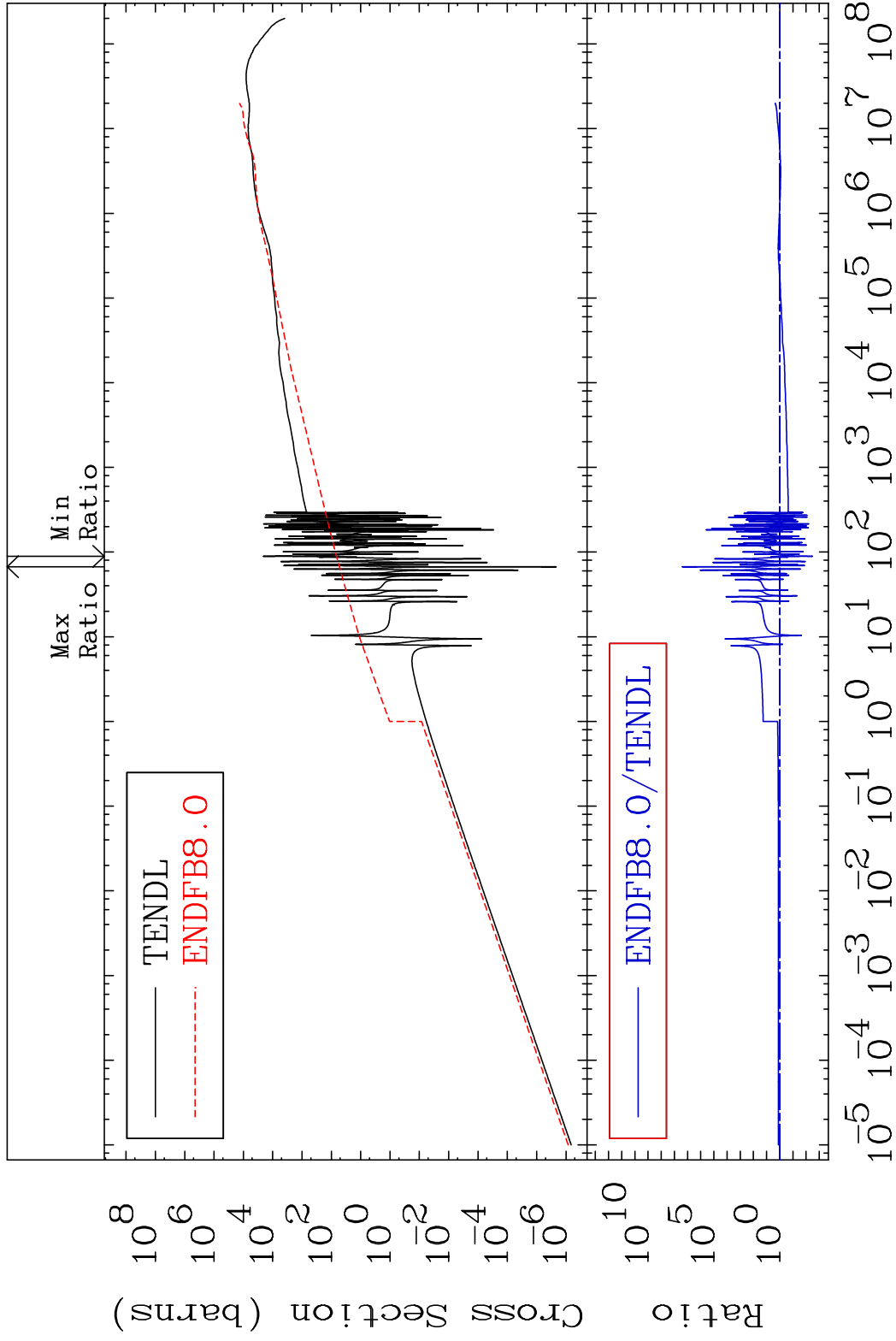


MAT 6340

Kerma elastic

63-Eu-156

Cross Section -99.68 To 9999. %

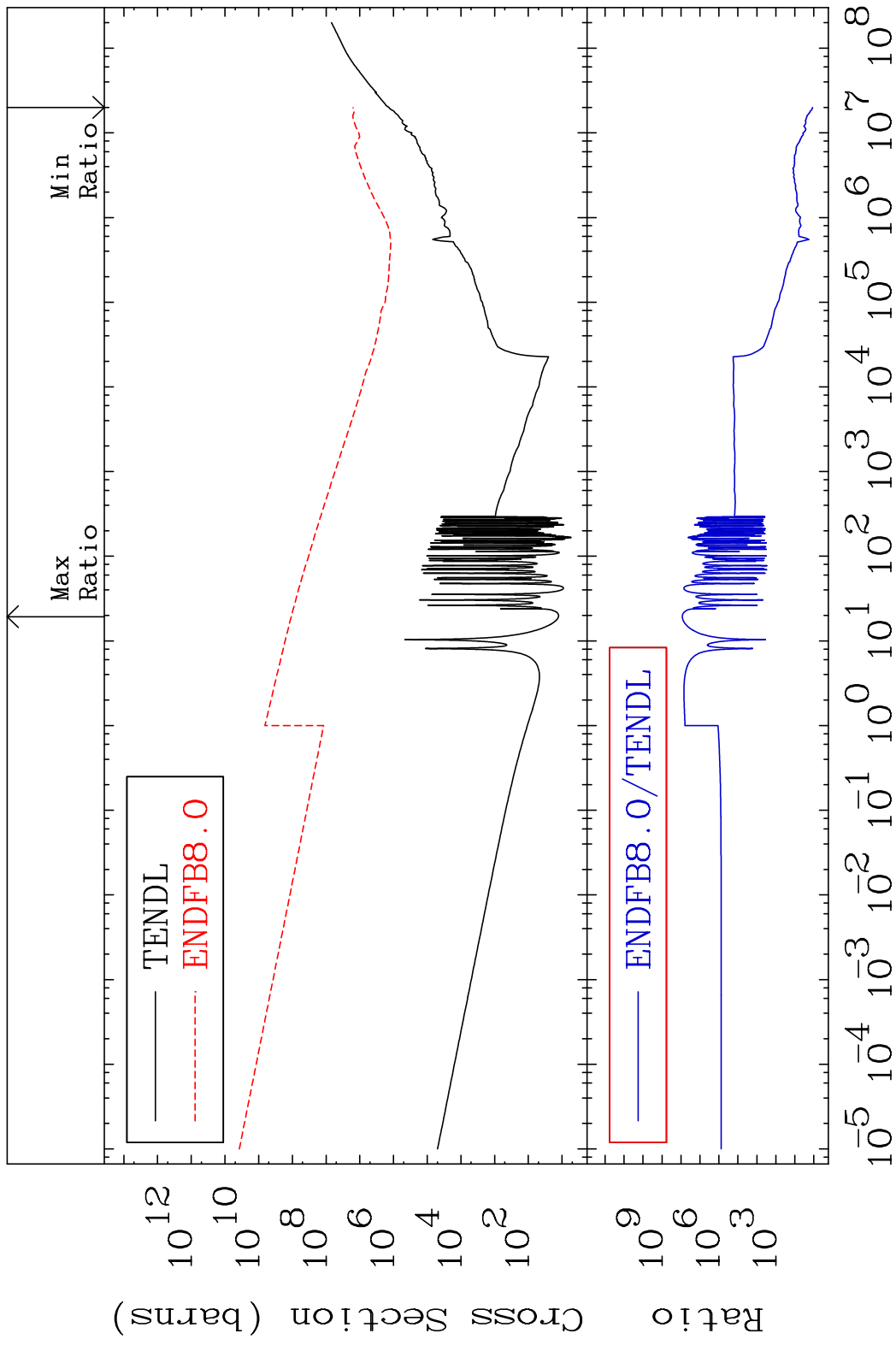


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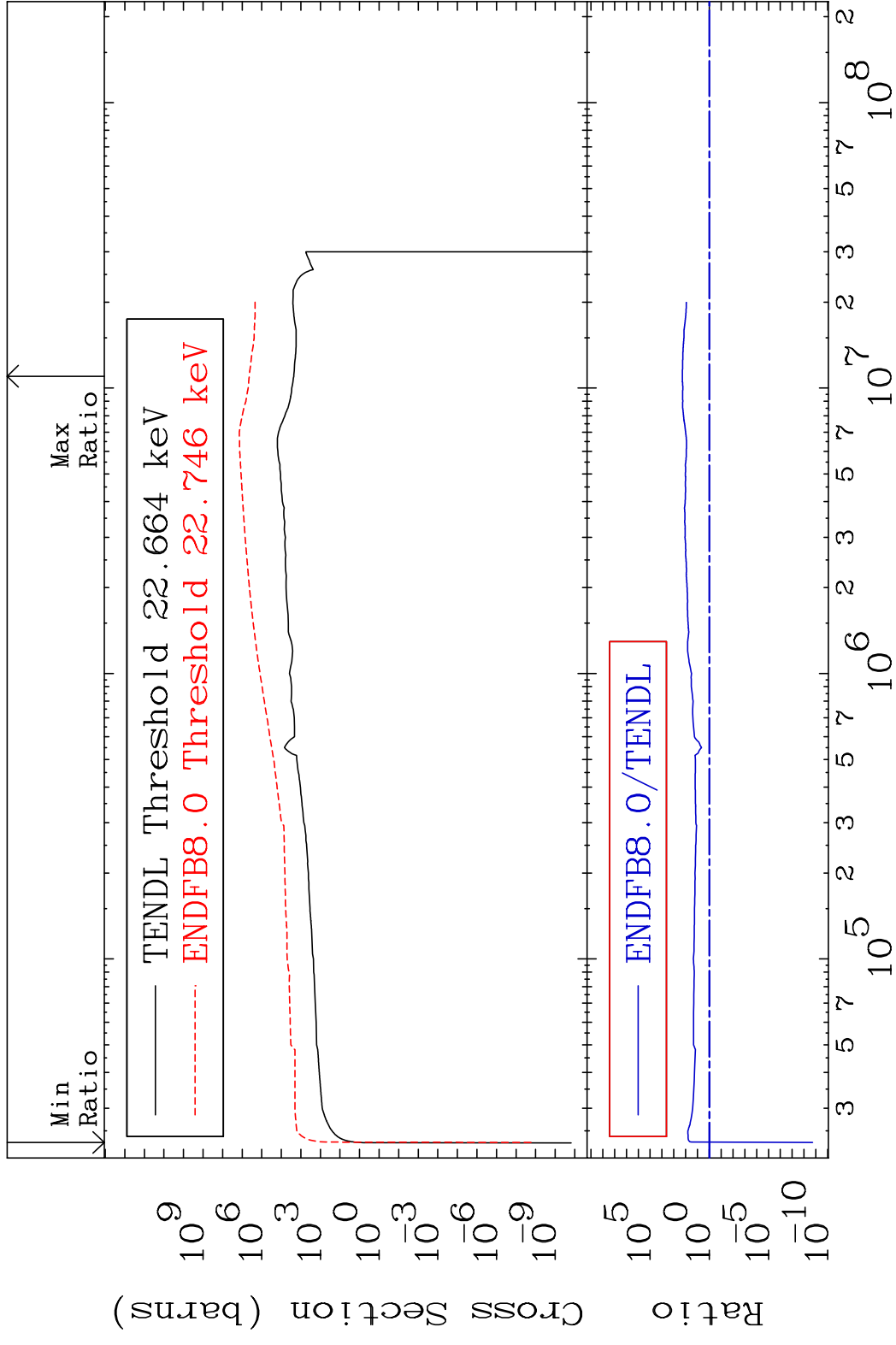
Incident Energy (eV)

63-Eu-156

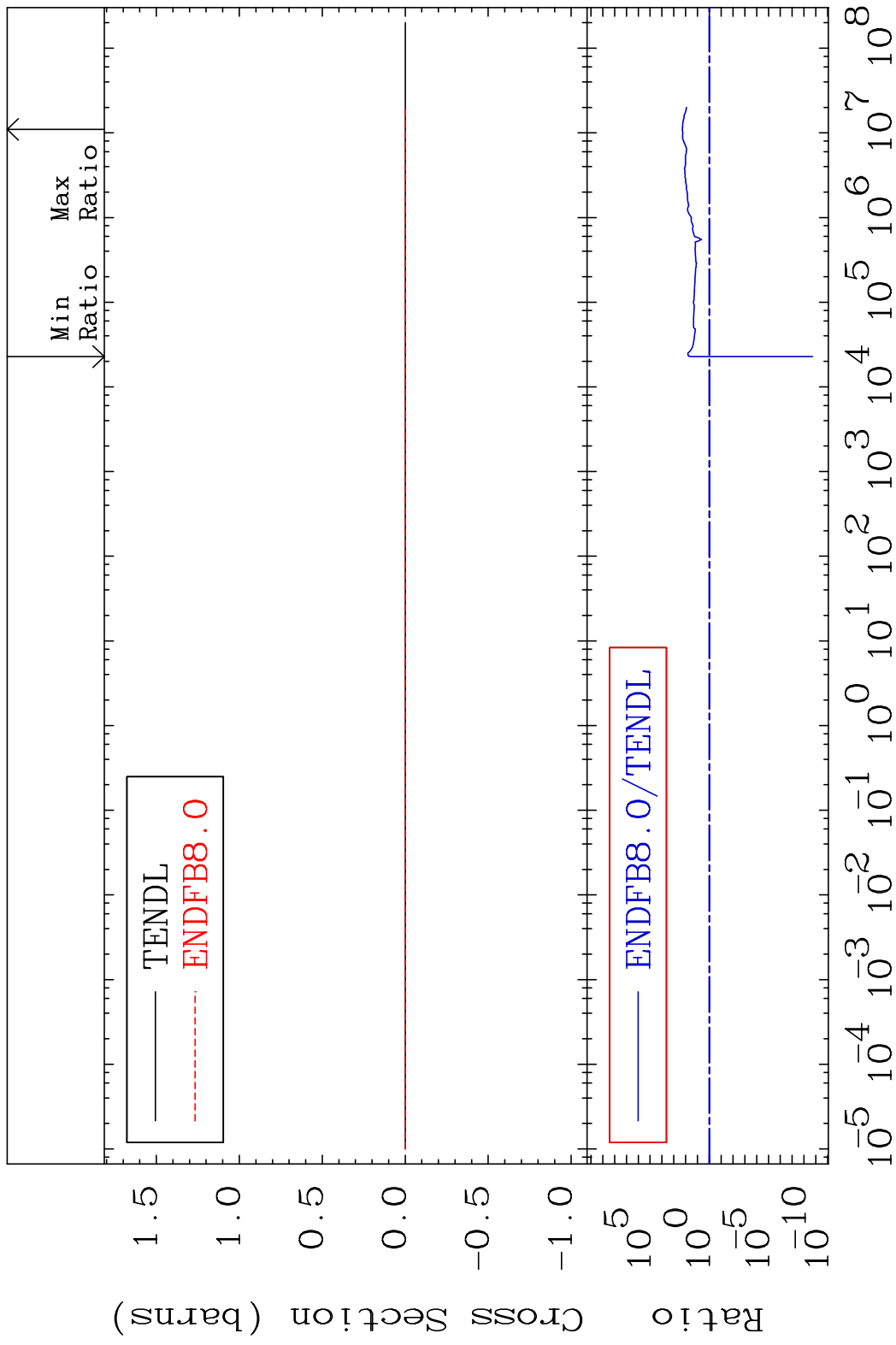
MAT 6340 Kerma non-elastic (all but mt2) 63-Eu-156
 Cross Section 1059. To 9999. %



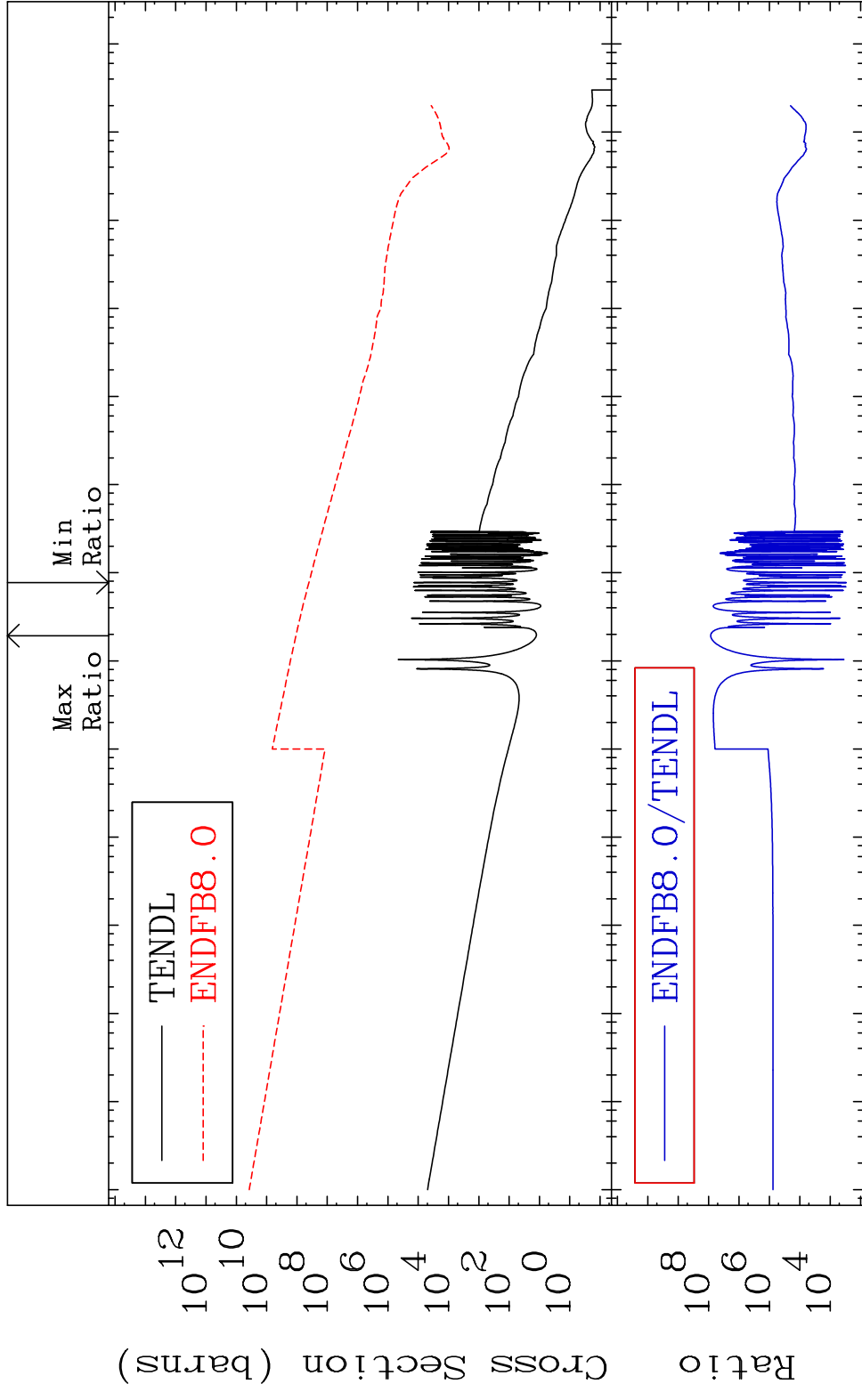
MAT 6340 Kerma inelastic (mt51-91) 63-Eu-156
 Cross Section -100.0 To 9999. %



MAT 6340 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-156
 Cross Section -100.0 To 9999. %

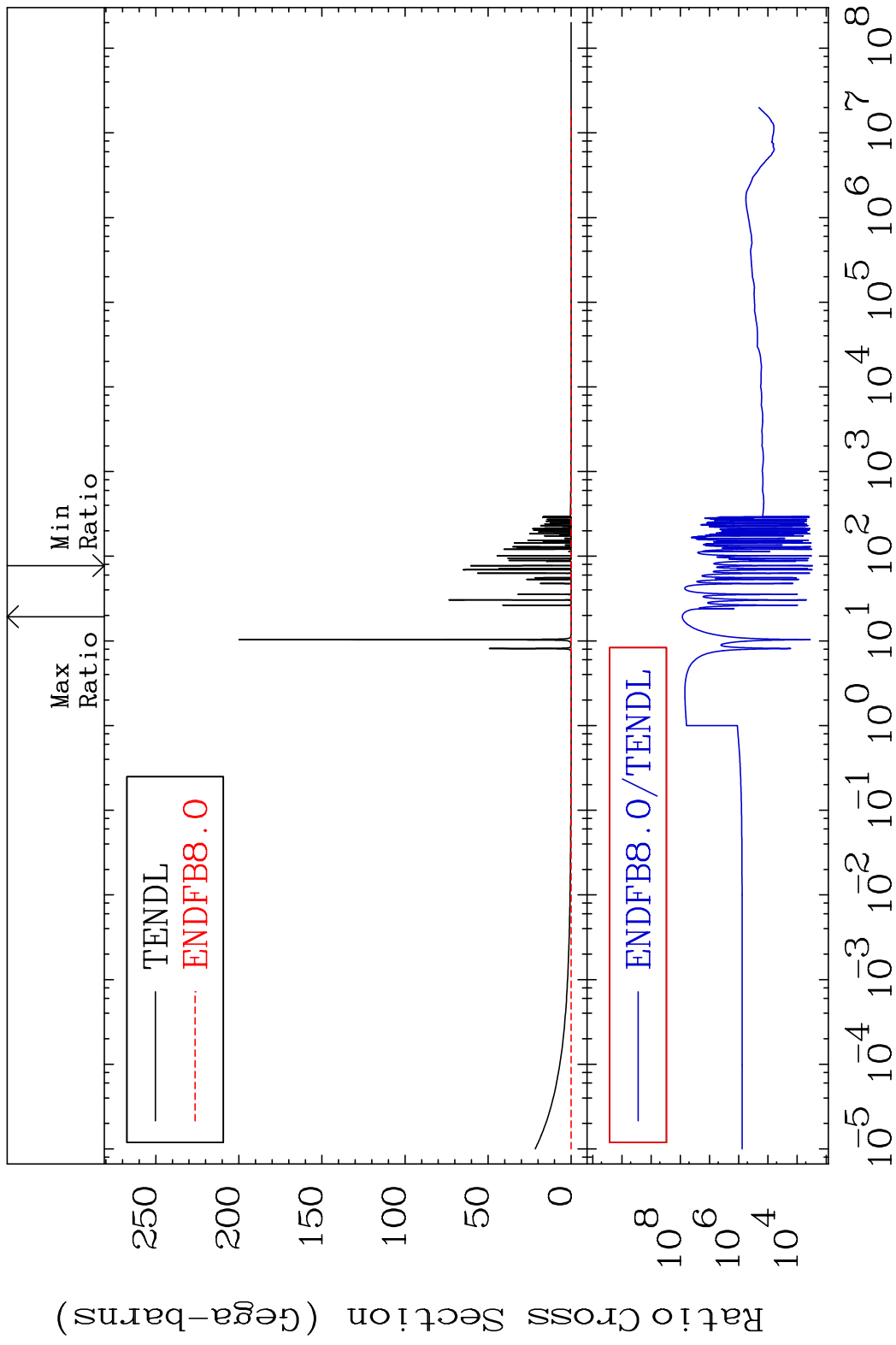


MAT 6340 Kerma capture (mt102) 63-Eu-156
 Cross Section 9999. To 9999. %

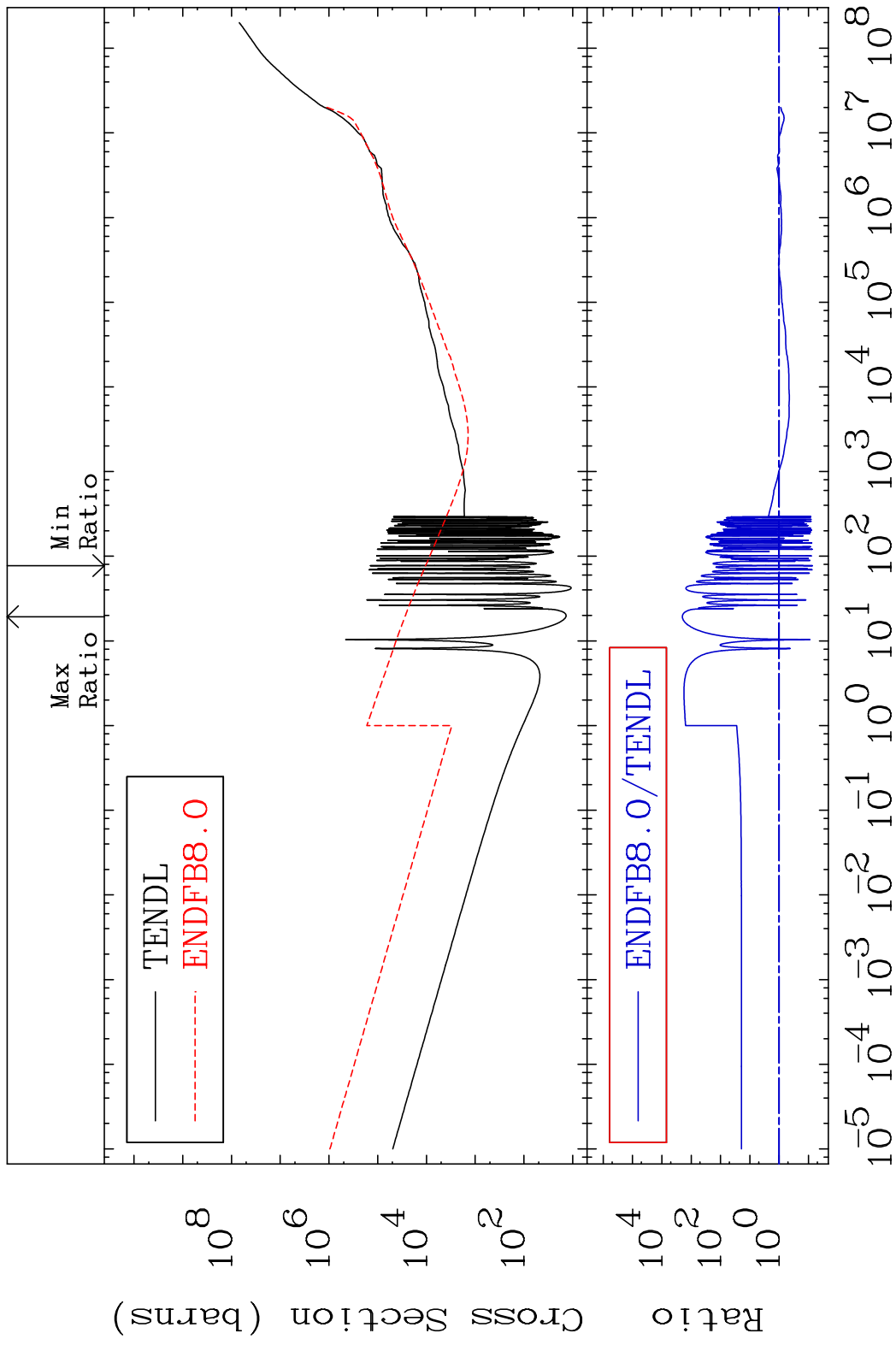


30 Incident Energy (eV) 63-Eu-156

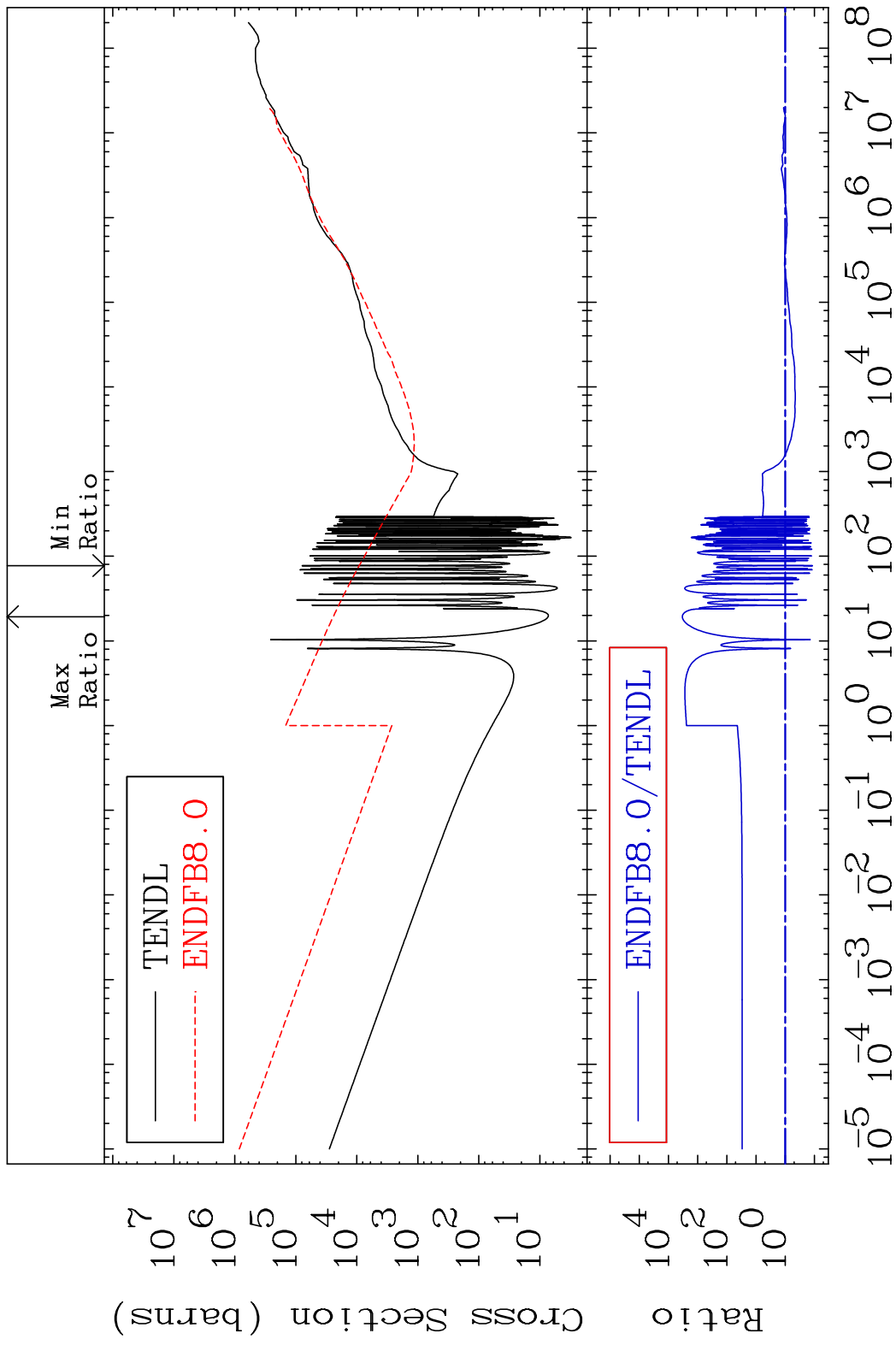
MAT 6340 Total photon (eV-barns) 63-Eu-156
 Cross Section 9999. To 9999. %



MAT 6340 Total kinematic kerma (high limit) 63-Eu-156
 Cross Section -92.72 To 9999. %



MAT 6340 Dpa total (eV-barns) 63-Eu-156
 Cross Section -88.39 To 9999. %



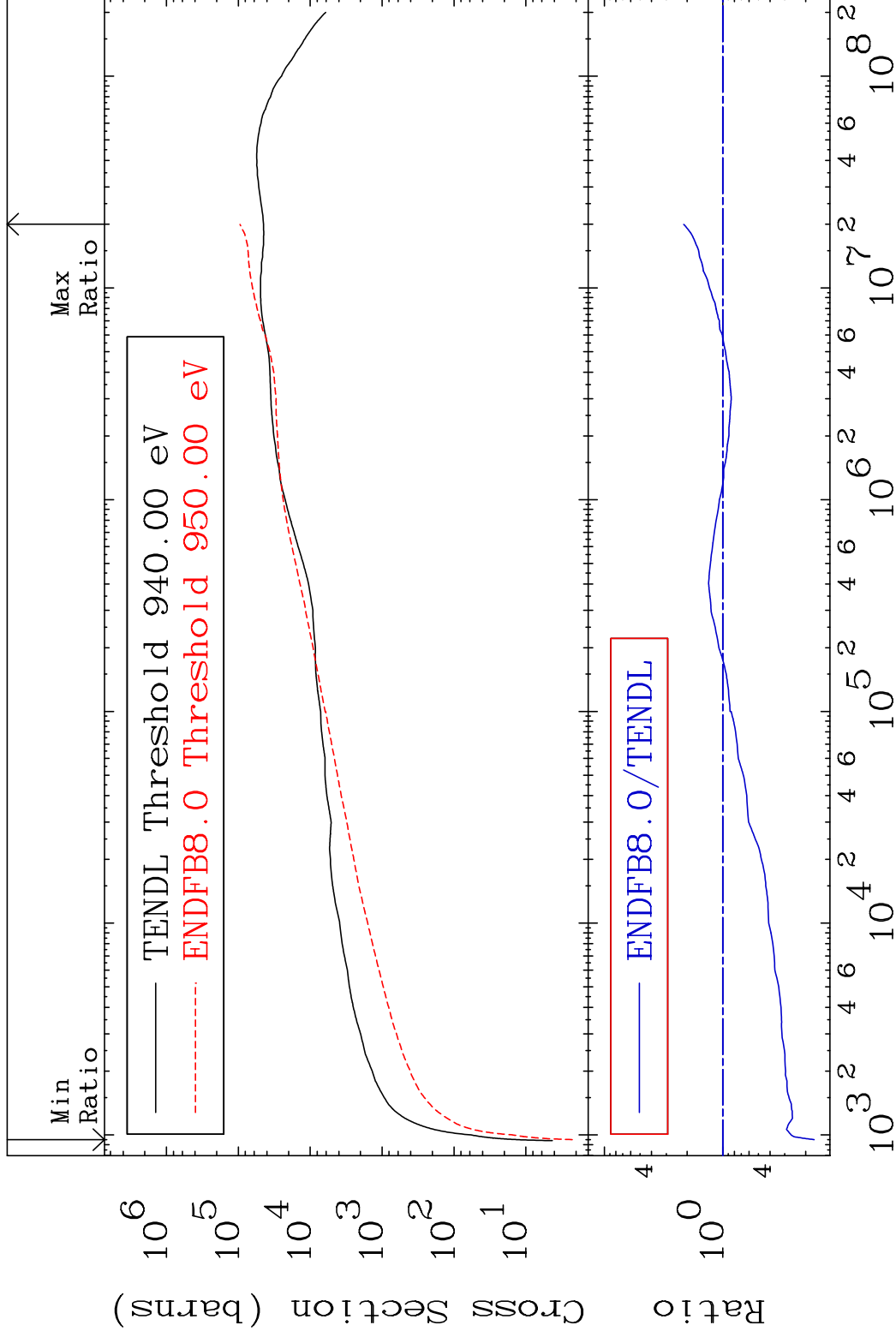
33 Incident Energy (eV) 63-Eu-156

MAT 6340

Dpa elastic (mt2)

63-Eu-156

Cross Section -83.04 To 114.1 %

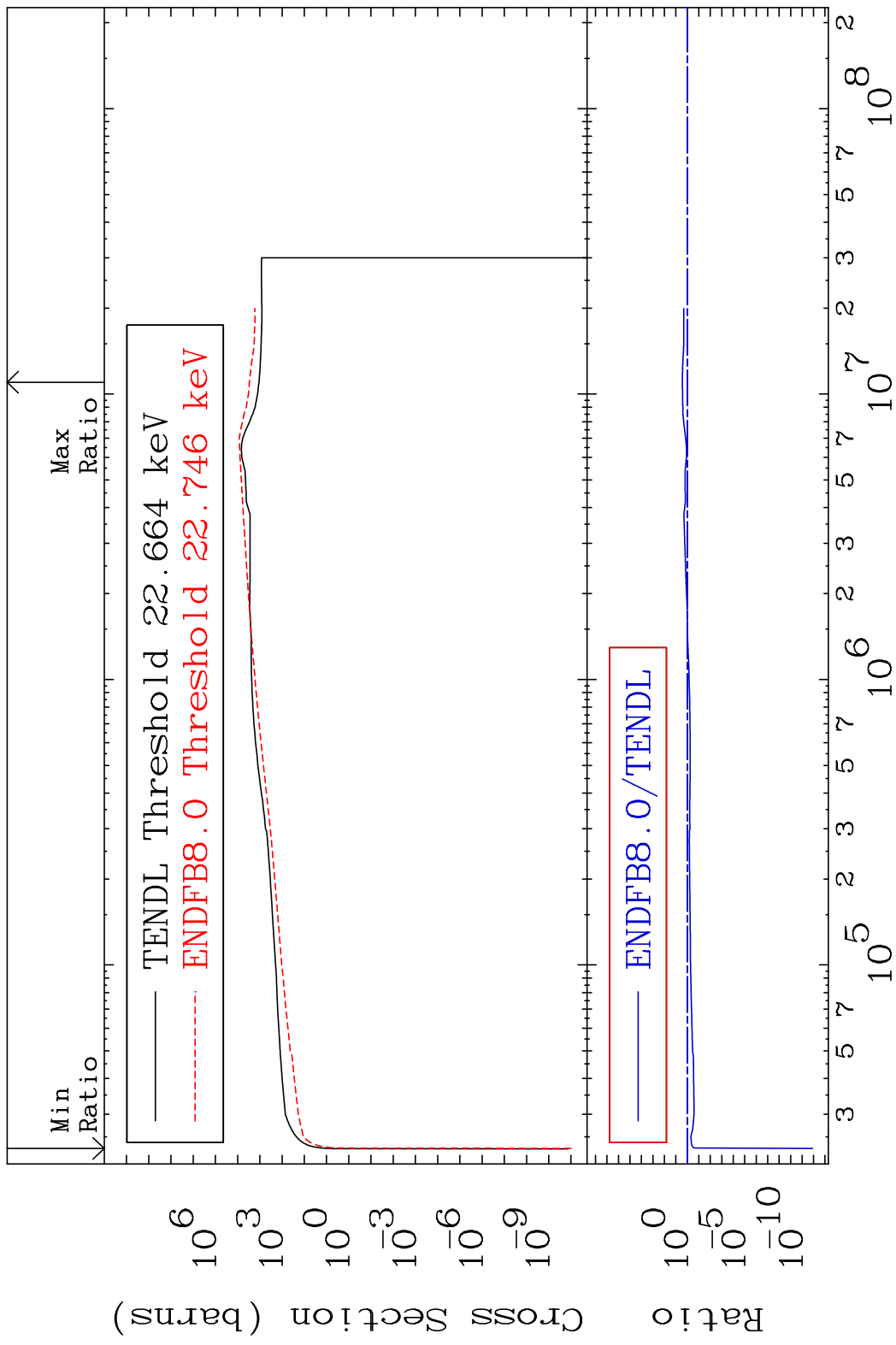


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Incident Energy (eV)

63-Eu-156

MAT 6340 Dpa inelastic (mt51-91) 63-Eu-156
 Cross Section -100.0 To 171.1 %



MAT 6340 Dpa disappearance (mt102 -120) 63-Eu-156
 Cross Section -88.39 To 9999. %

