

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

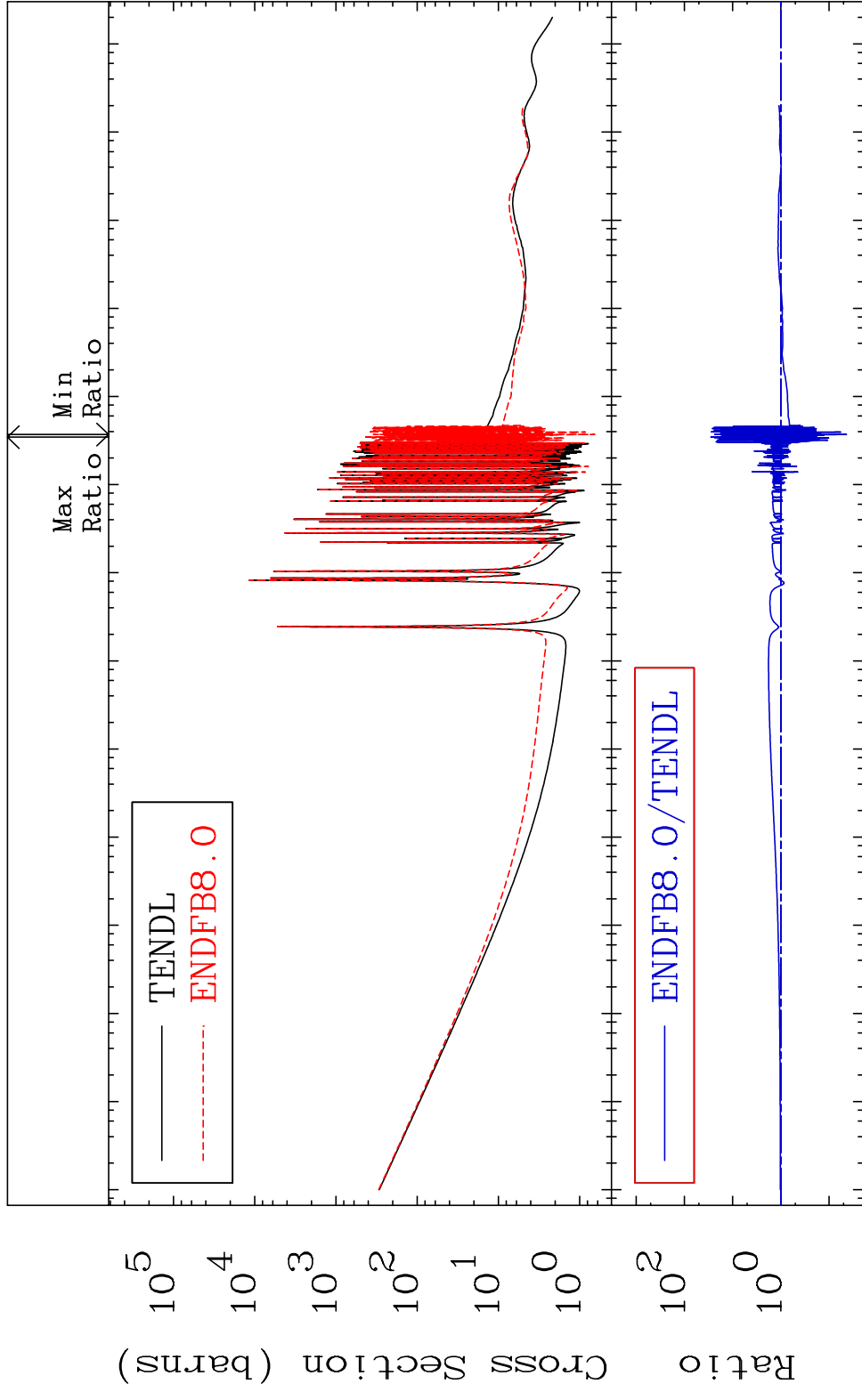
MAT 5640

Total

56-Ba-135

Cross Section

-95.62 To 2740. %



1

Incident Energy (eV)

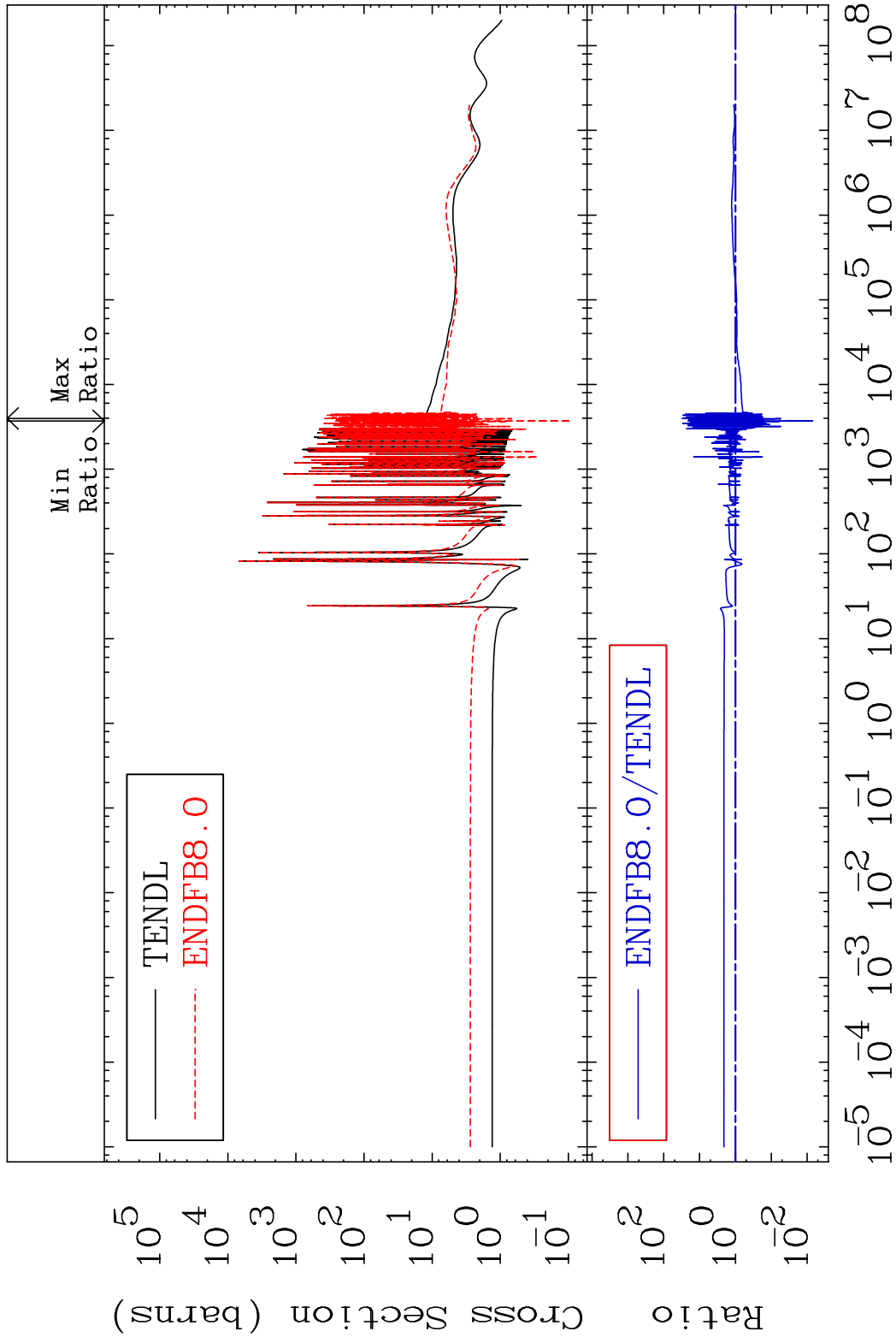
56-Ba-135

MAT 5640

Elastic

56-Ba-135

Cross Section -99.30 To 2929. %

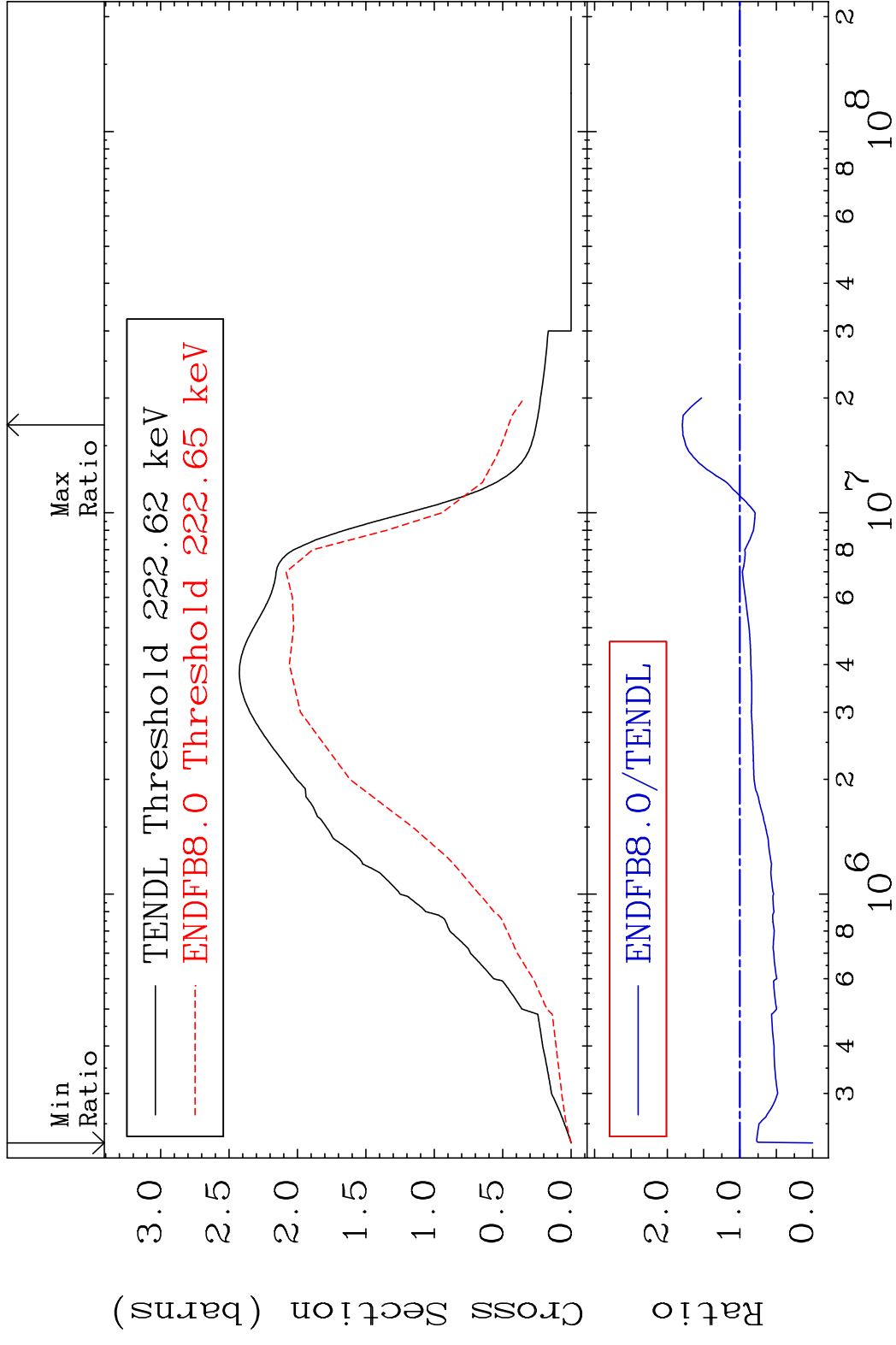


2

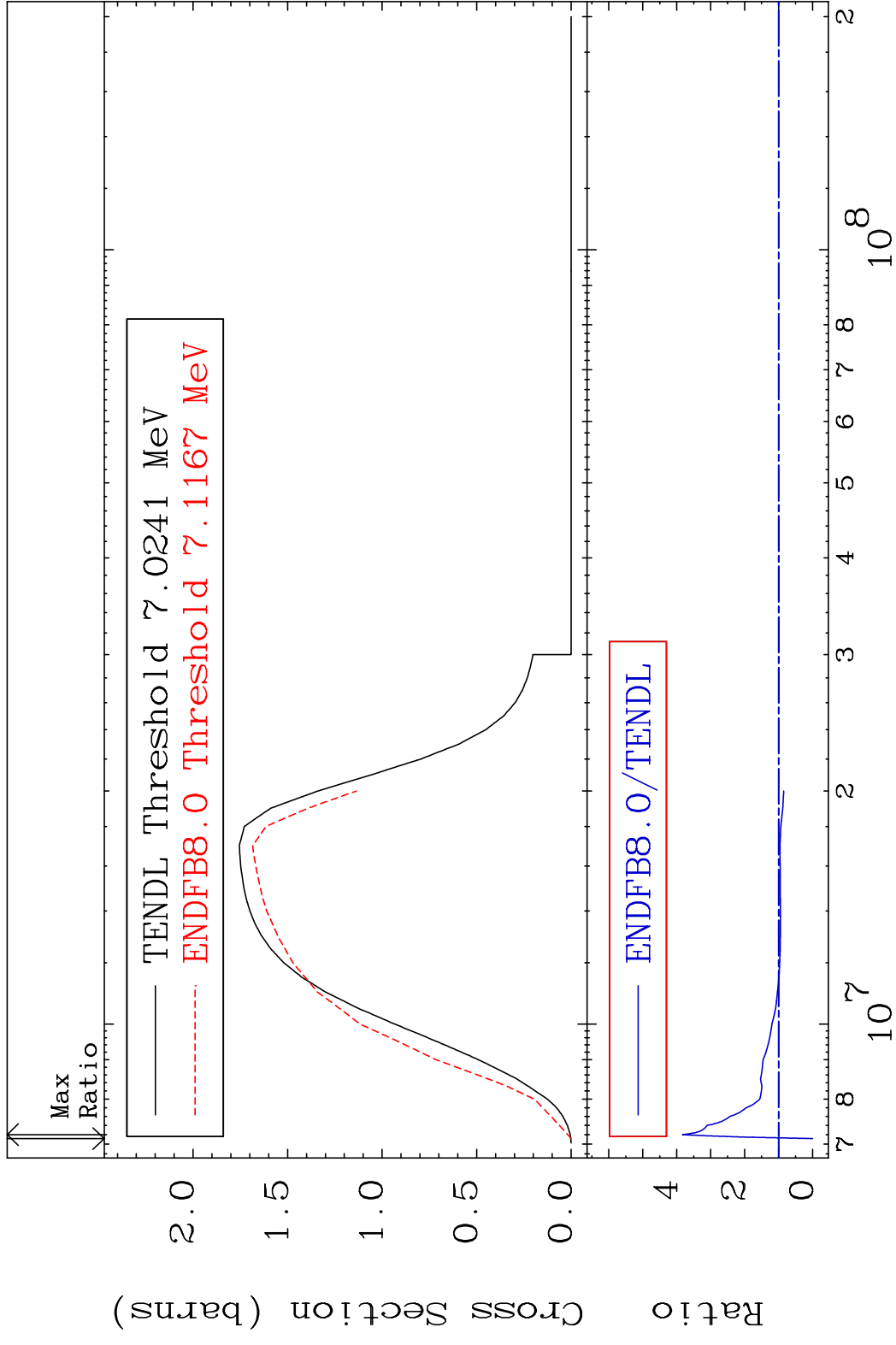
Incident Energy (eV)

56-Ba-135

MAT 5640 Inelastic Cross Section -100.0 To 79.27 % 56-Ba-135



MAT 5640 (n,2n) 56-Ba-135
 Cross Section -100.0 To 283.3 %



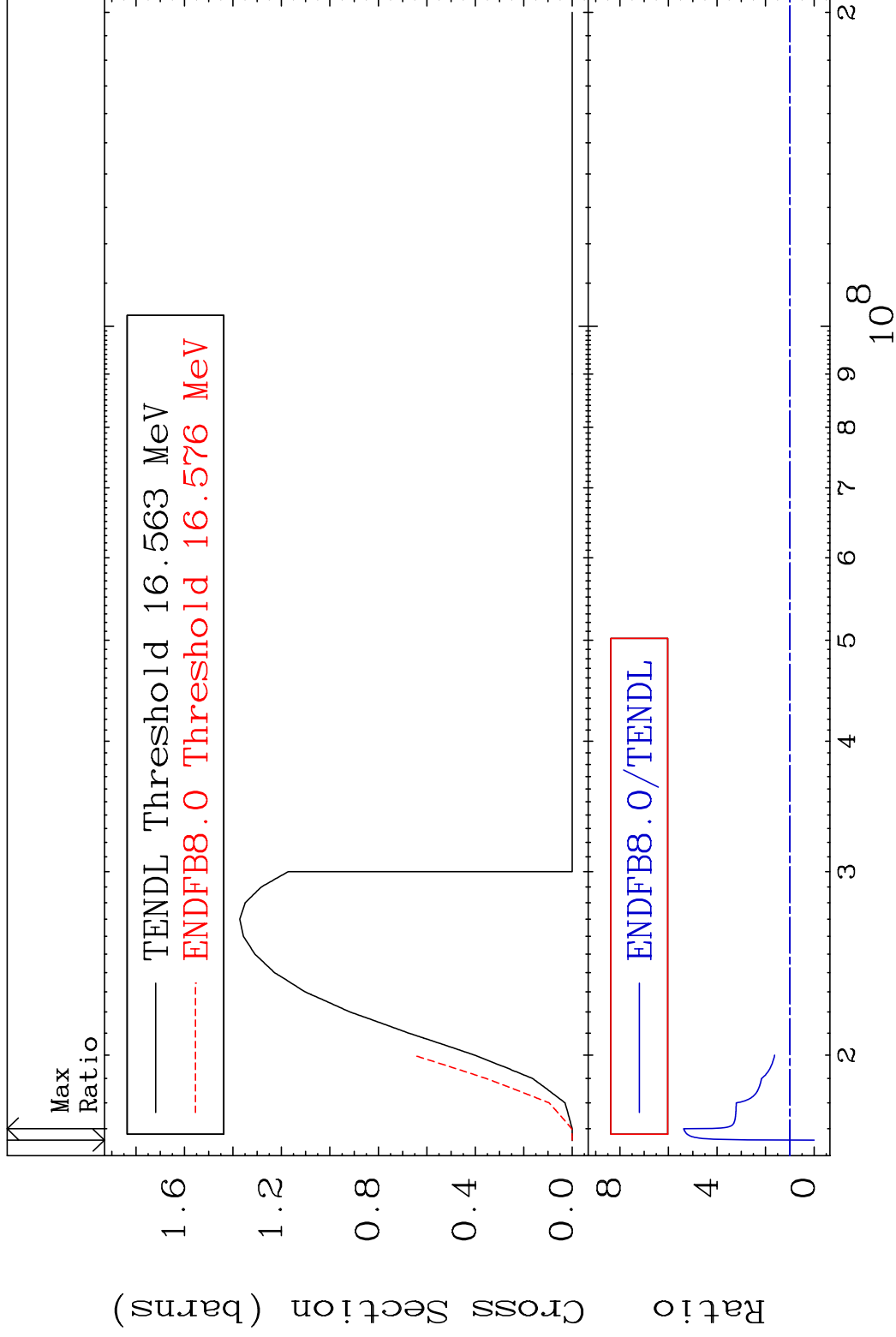
4 Incident Energy (eV) 56-Ba-135

MAT 5640

(n,3n)

56-Ba-135

Cross Section -100.0 To 437.3 %

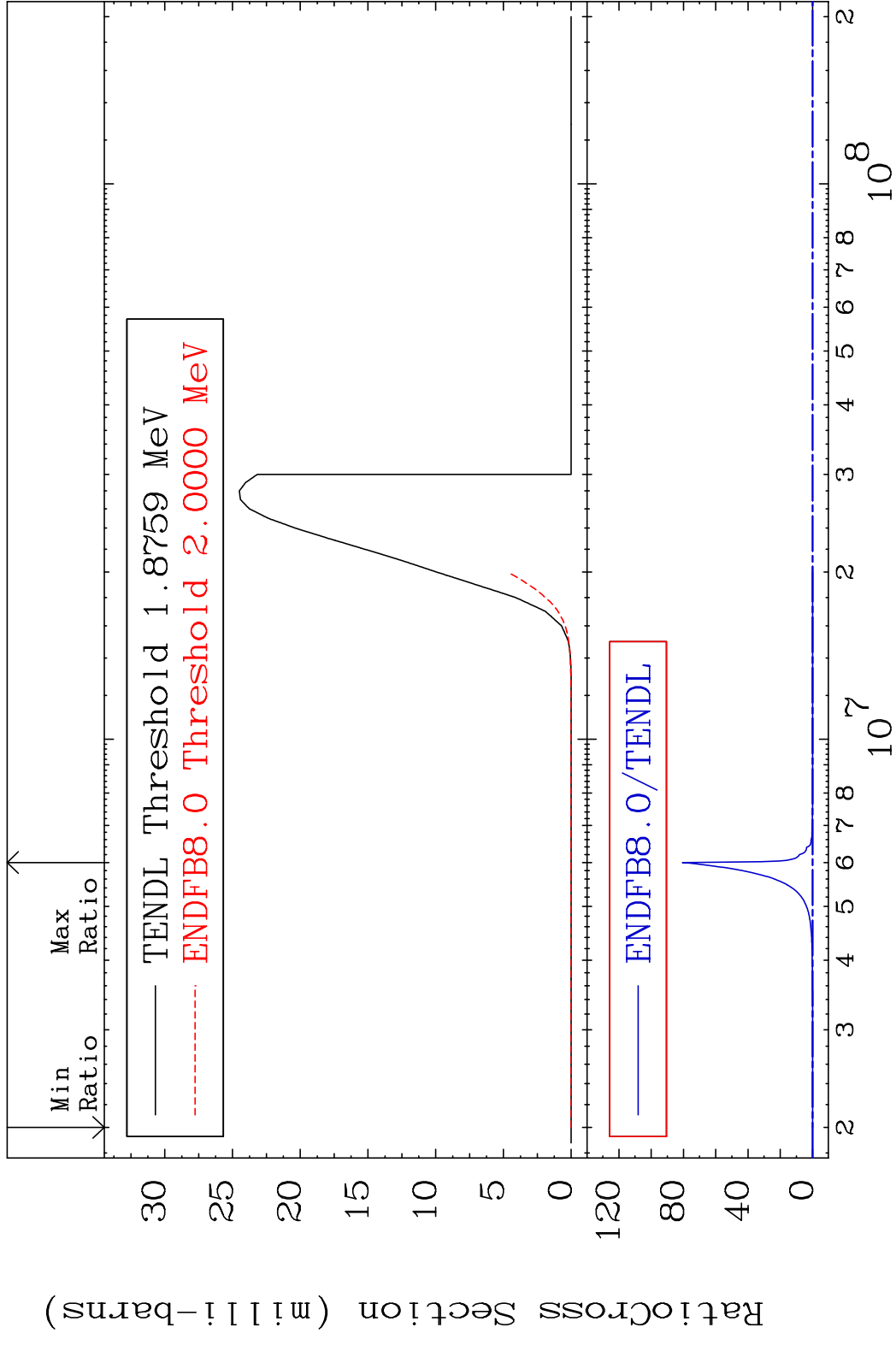


5

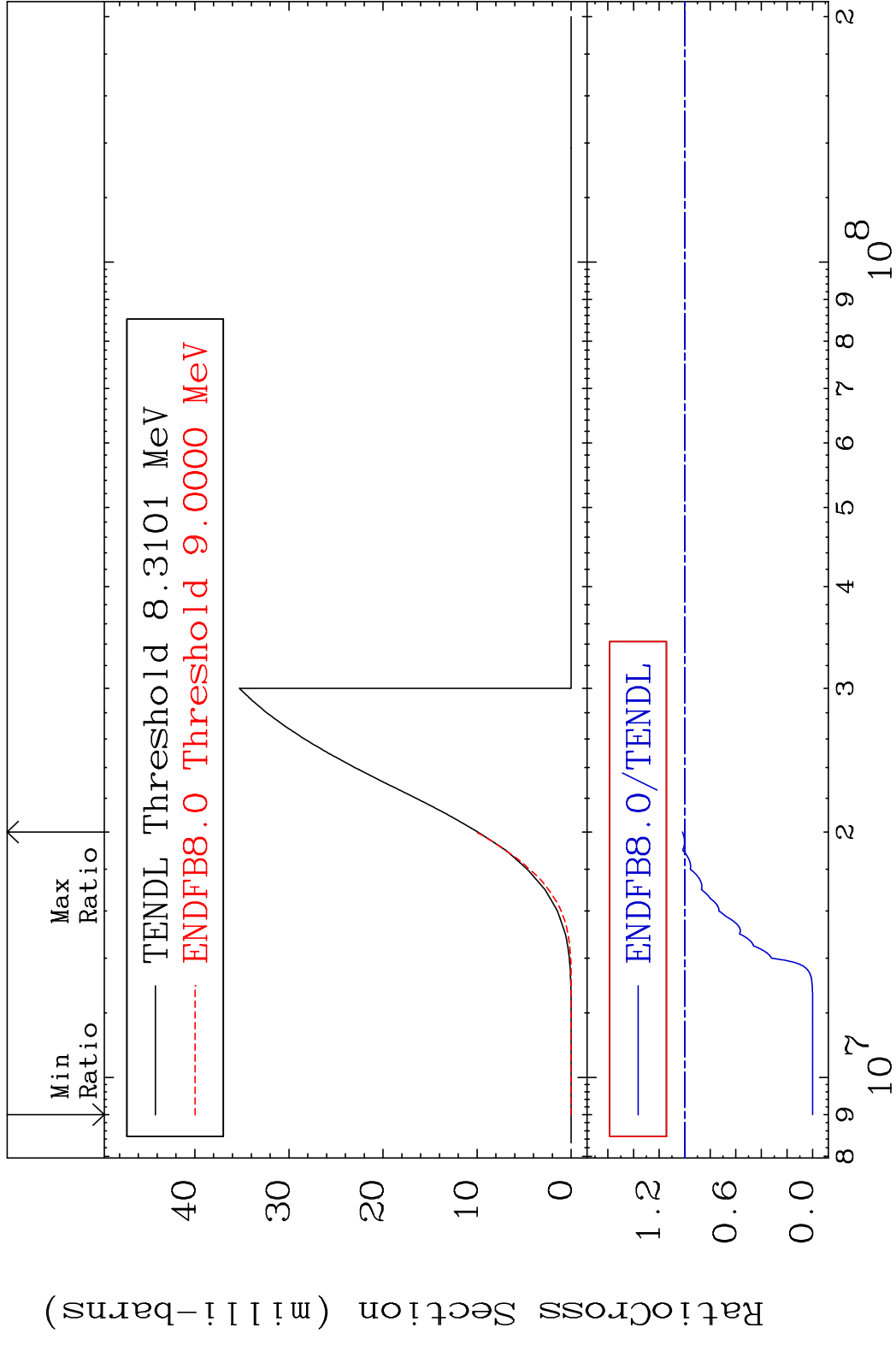
Incident Energy (eV)

56-Ba-135

MAT 5640 (n, n') α 56-Ba-135
 Cross Section -100.0 To 9999. %



MAT 5640 (n, n') p 56-Ba-135
 Cross Section -100.0 To 1.799 %



7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

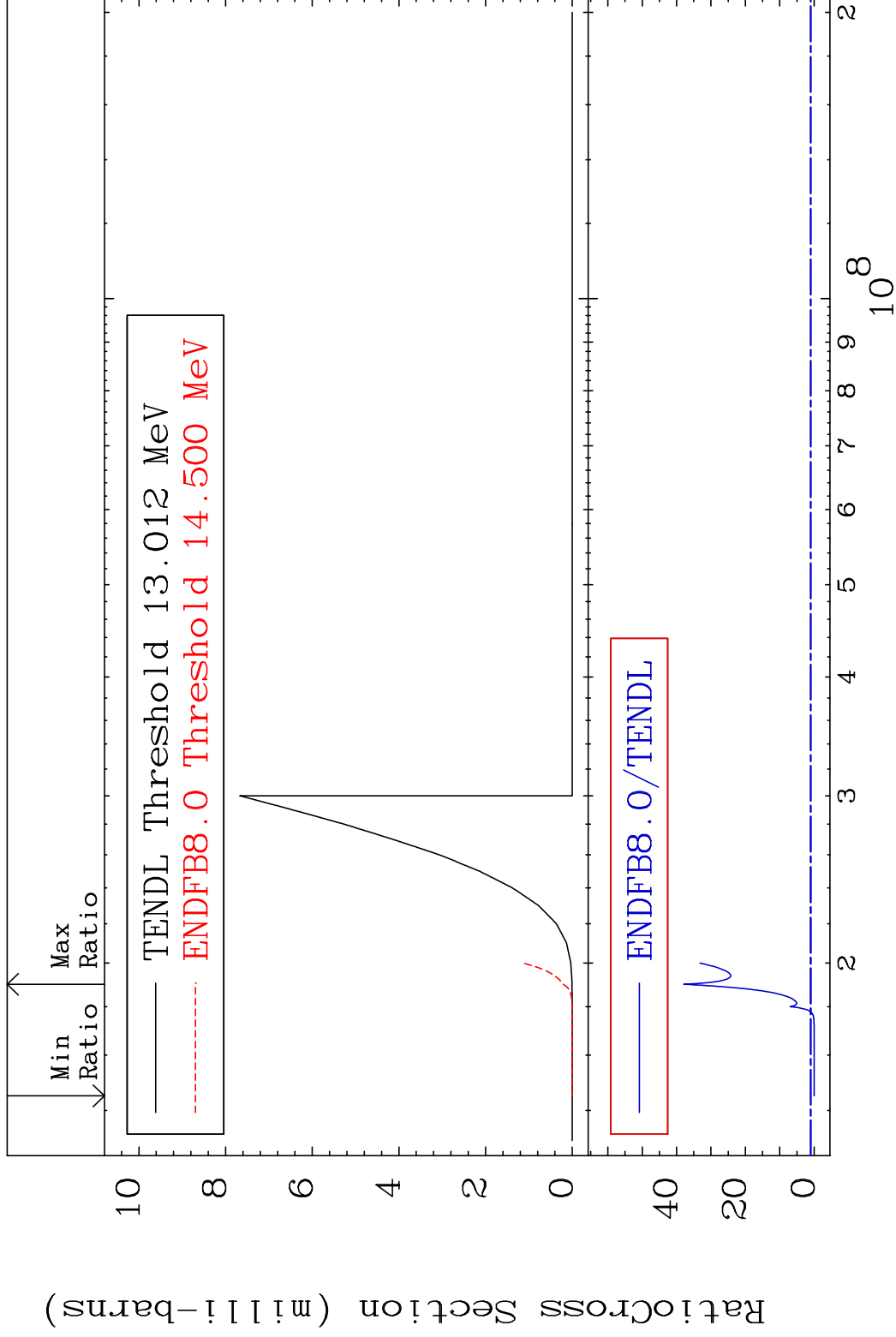
56-Ba-135

MAT 5640

(n, n') d

56-Ba-135

Cross Section -100.0 To 3695. %

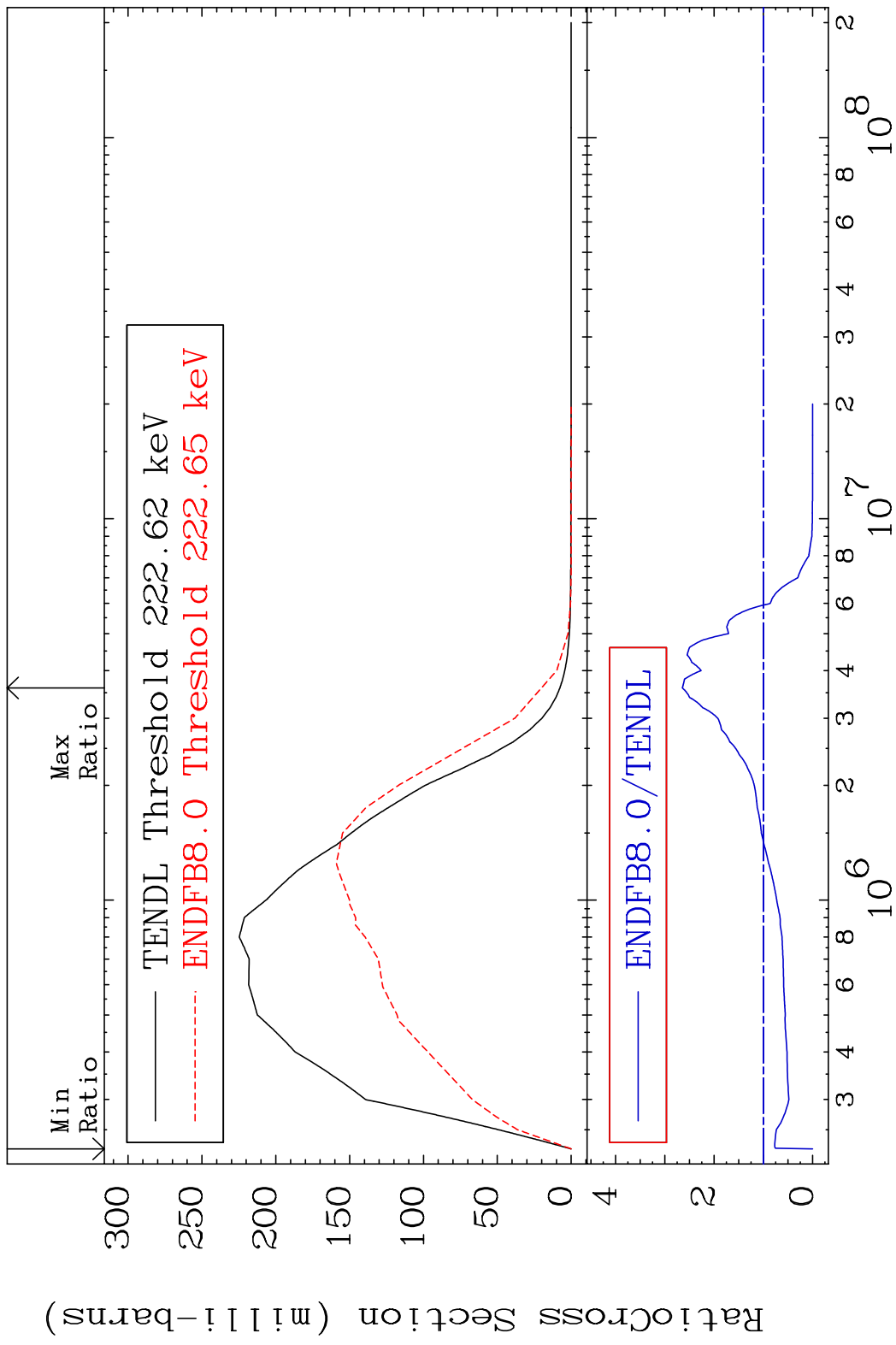


8

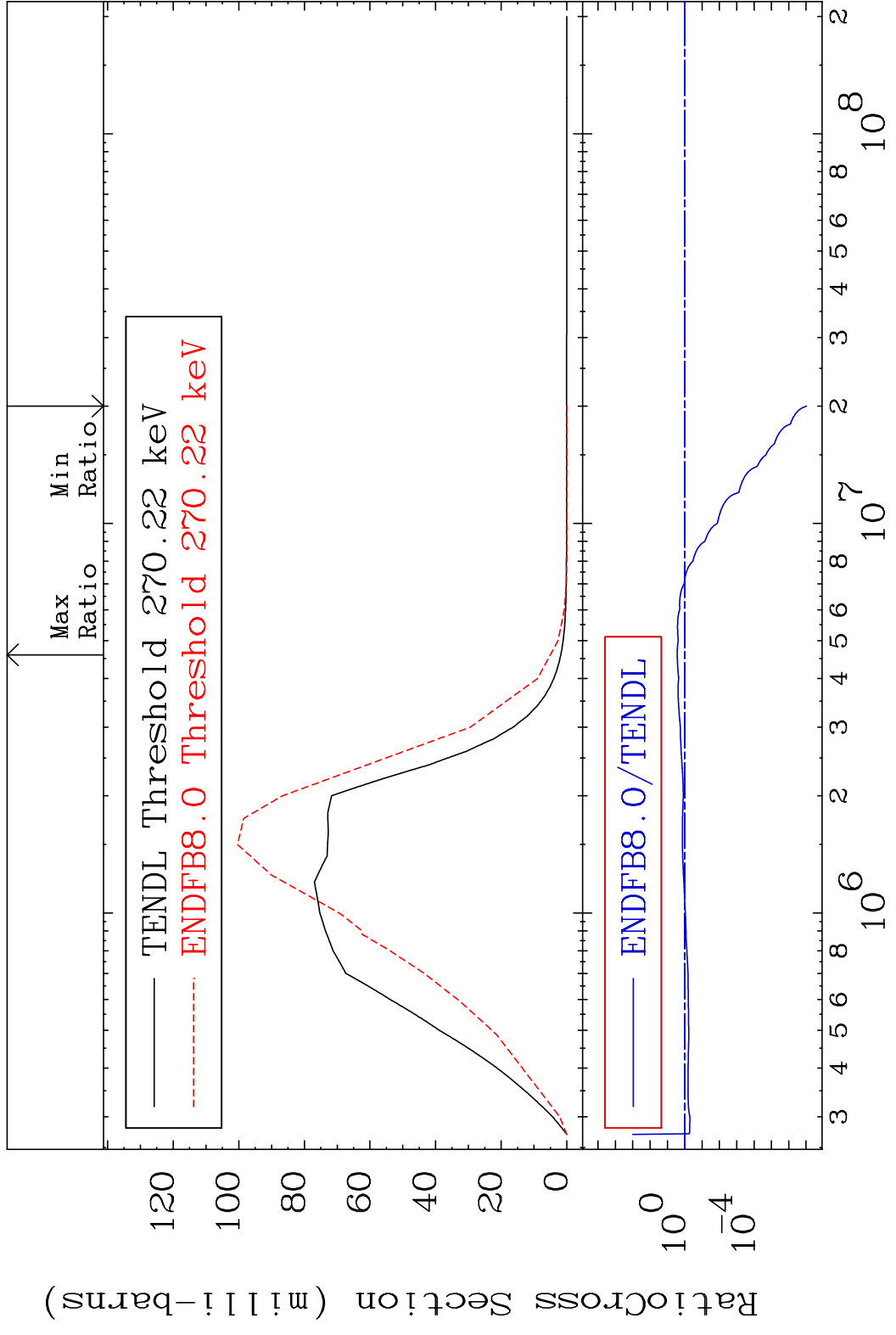
Incident Energy (eV)

56-Ba-135

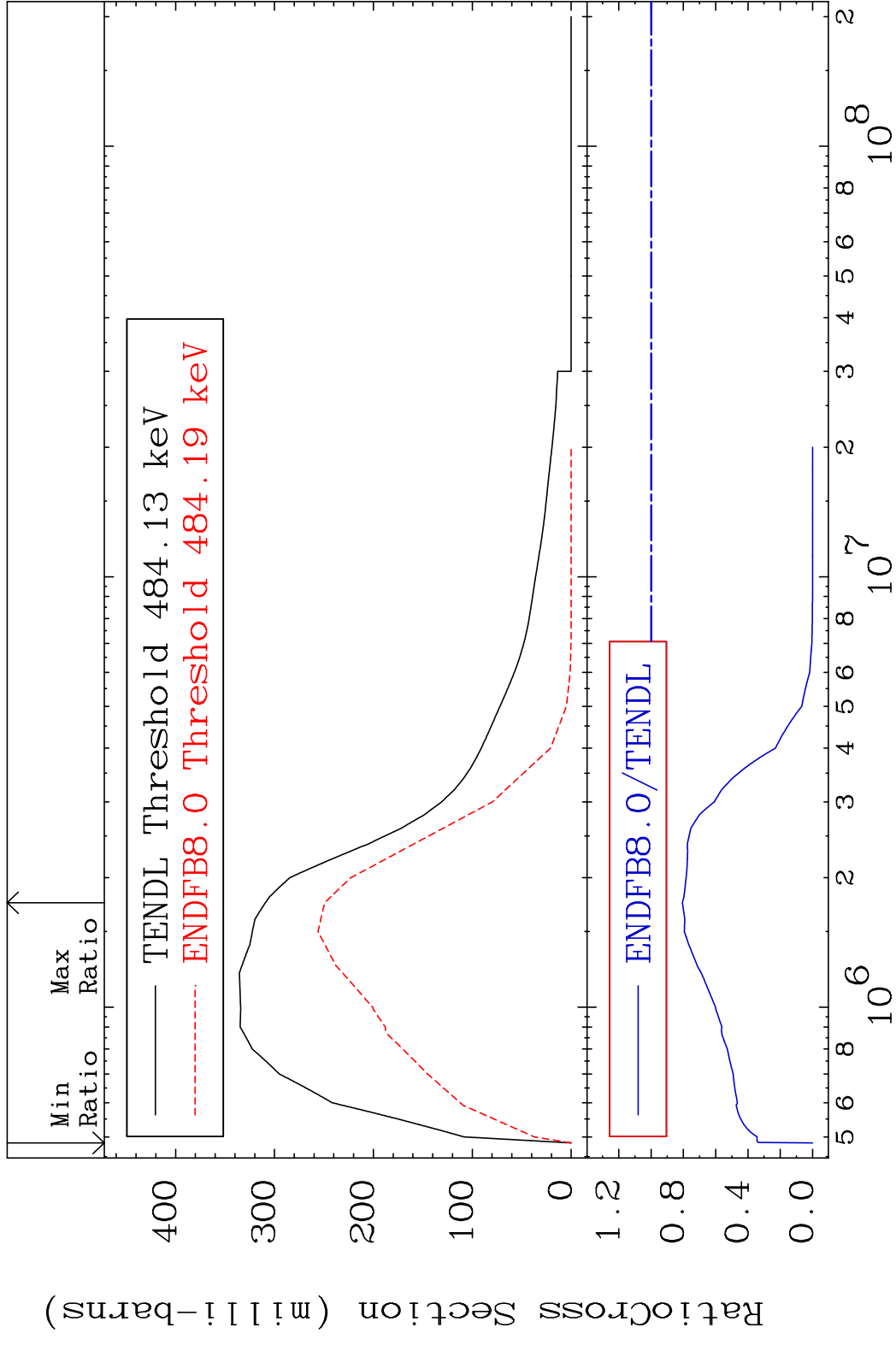
MAT 5640 MT= 51 (n, n') Level 56-Ba-135
 Cross Section -100.0 To 164.4 %



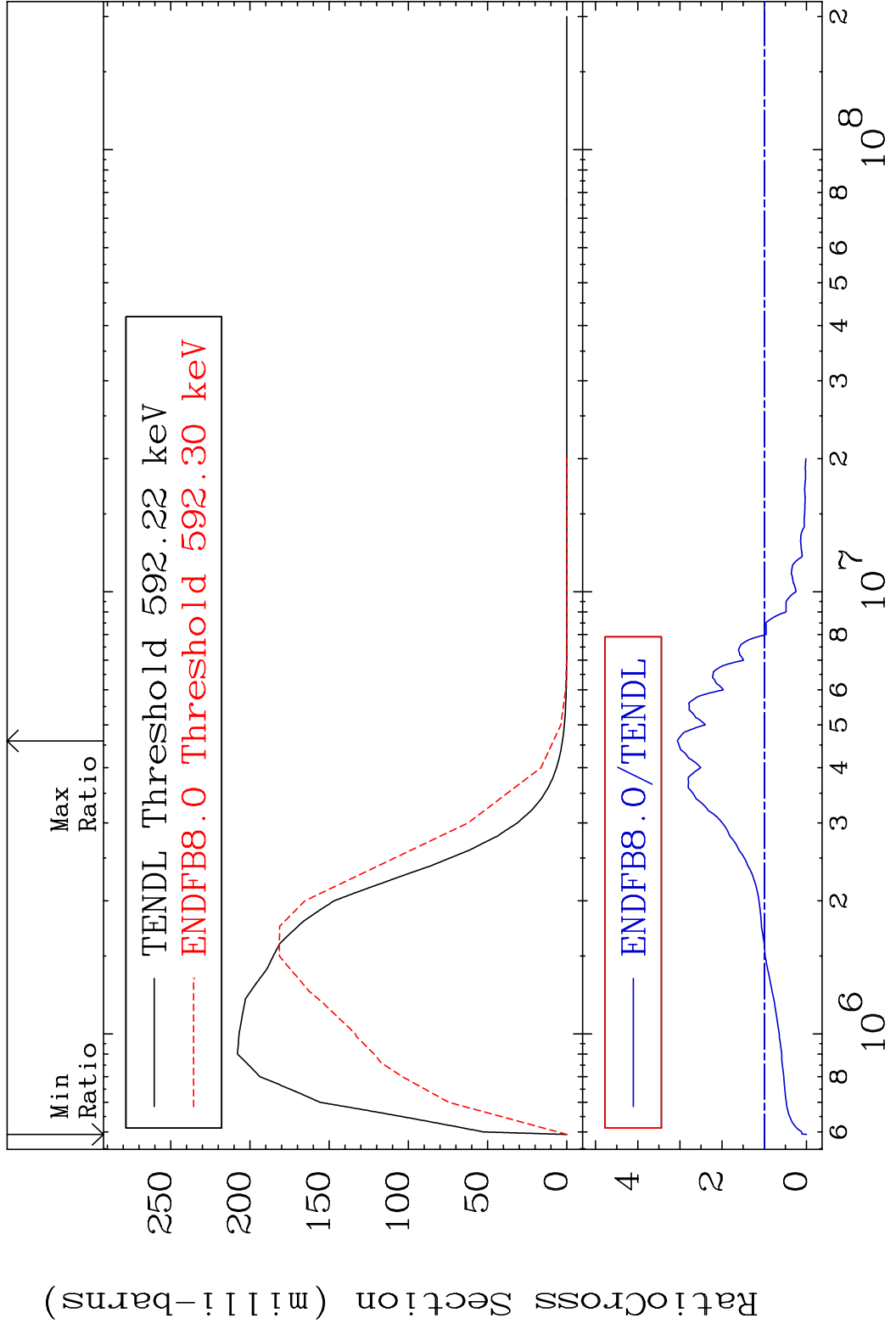
MAT 5640 MT= 52 (n, n') Level 56-Ba-135
 Cross Section -100.0 To 172.7 %



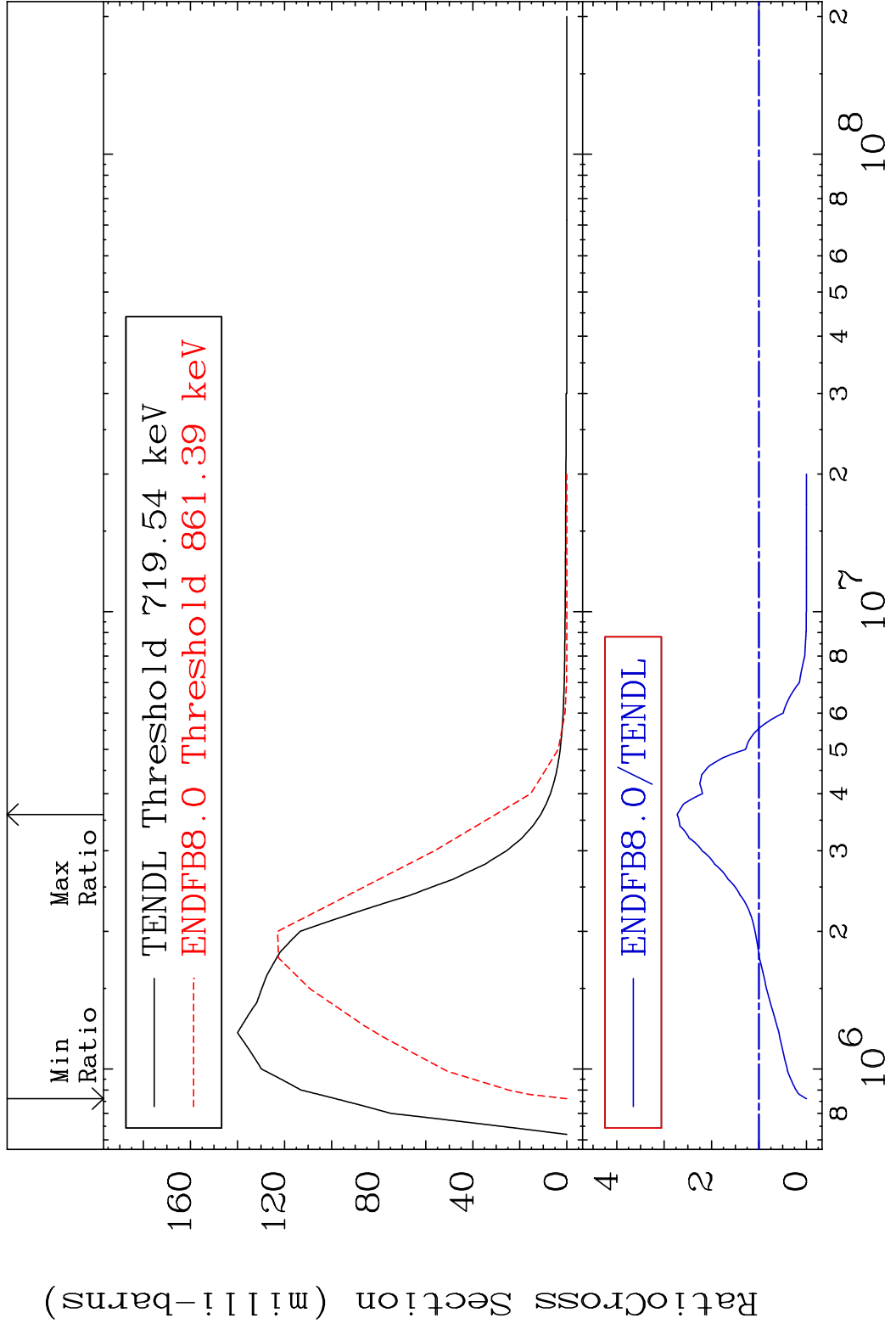
MAT 5640 MT= 53 (n, n') Level 56-Ba-135
 Cross Section -100.0 To -19.37%



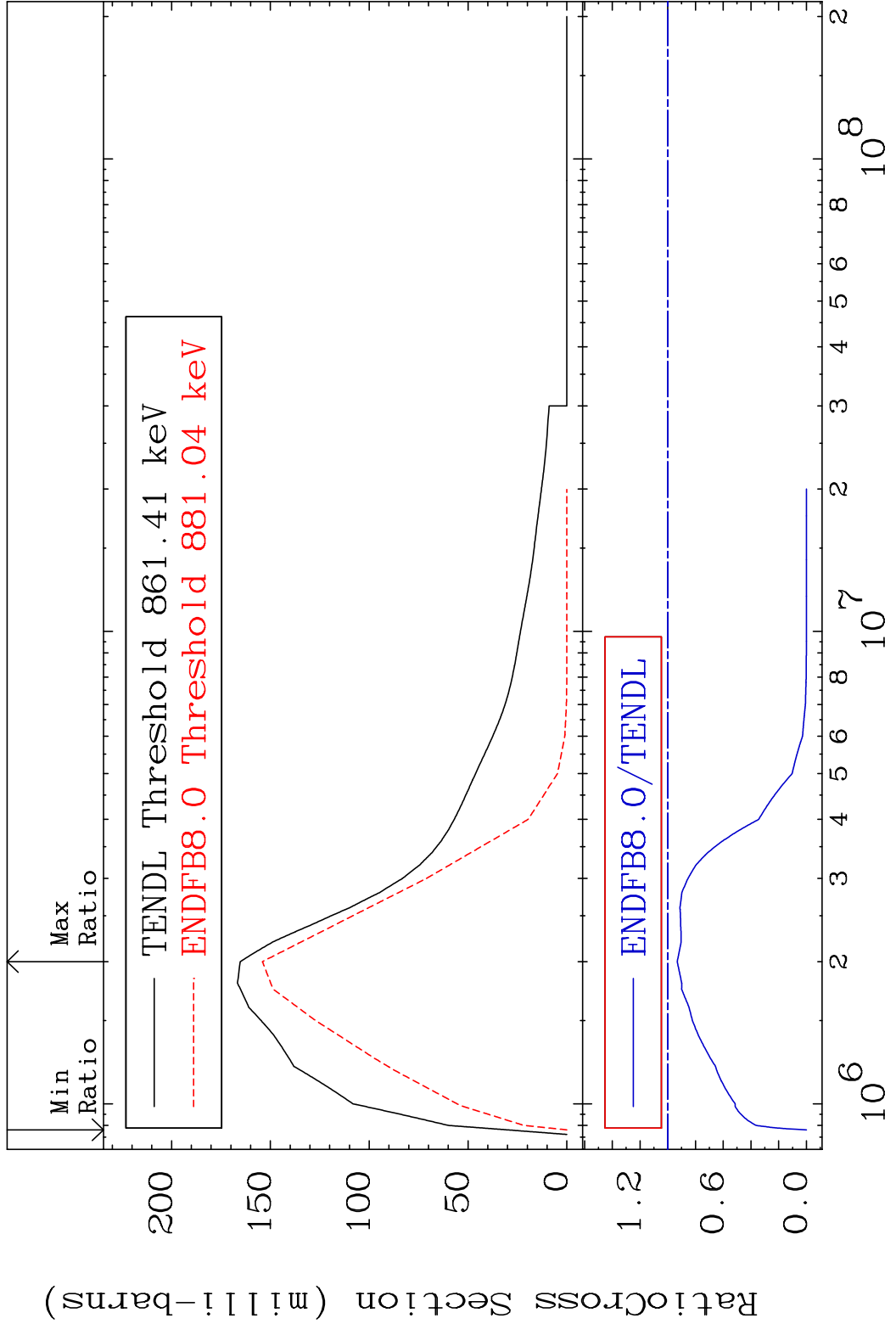
MAT 5640 MT= 54 (n, n') Level 56-Ba-135
 Cross Section -100.0 To 206.5 %



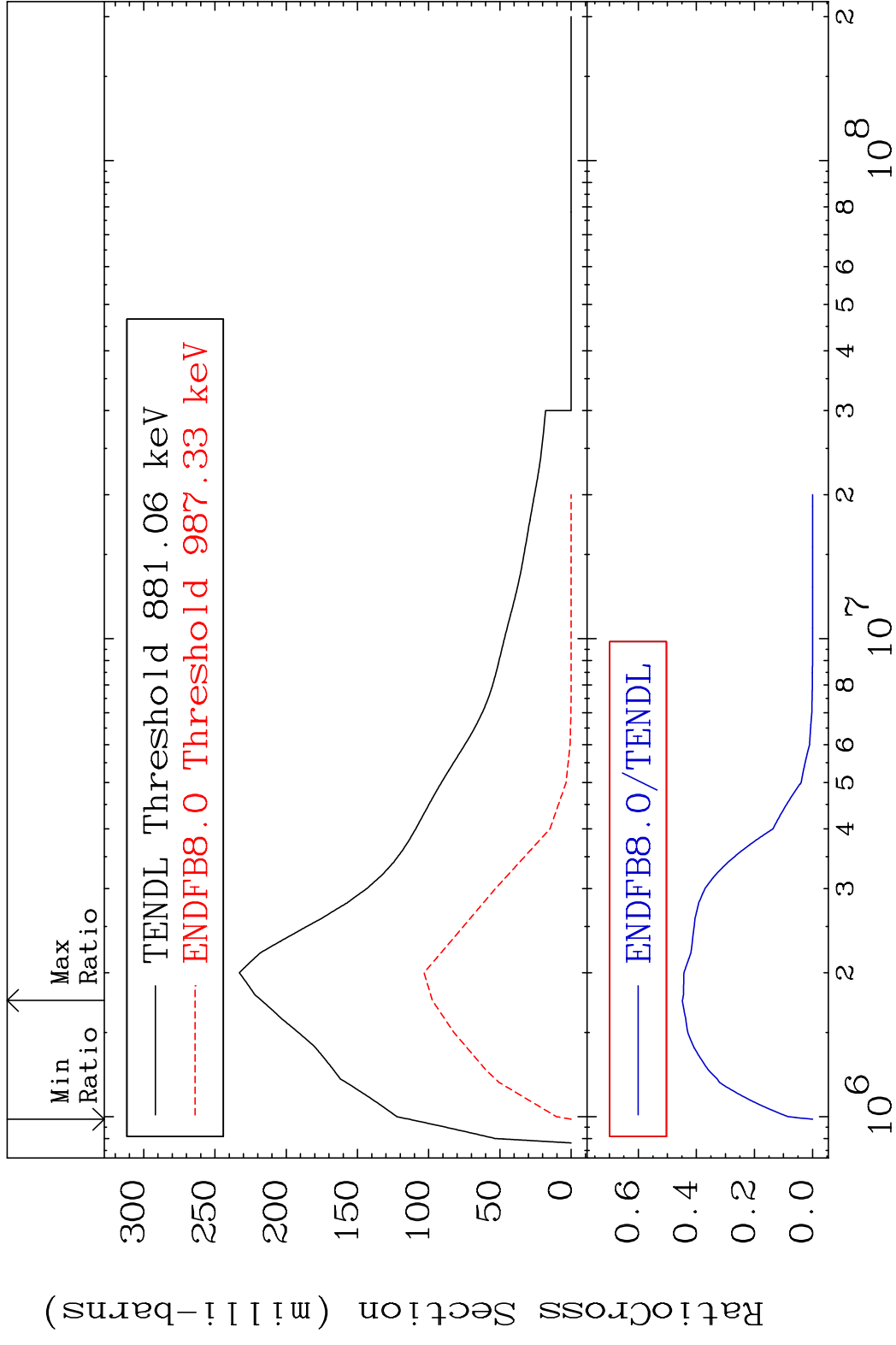
MAT 5640 MT= 55 (n,n') Level 56-Ba-135
 Cross Section -100.0 To 172.6 %



MAT 5640 MT= 56 (n, n') Level 56-Ba-135
 Cross Section -100.0 To -6.797%



MAT 5640 MT= 57 (n, n') Level 56-Ba-135
 Cross Section -100.0 To -55.16%



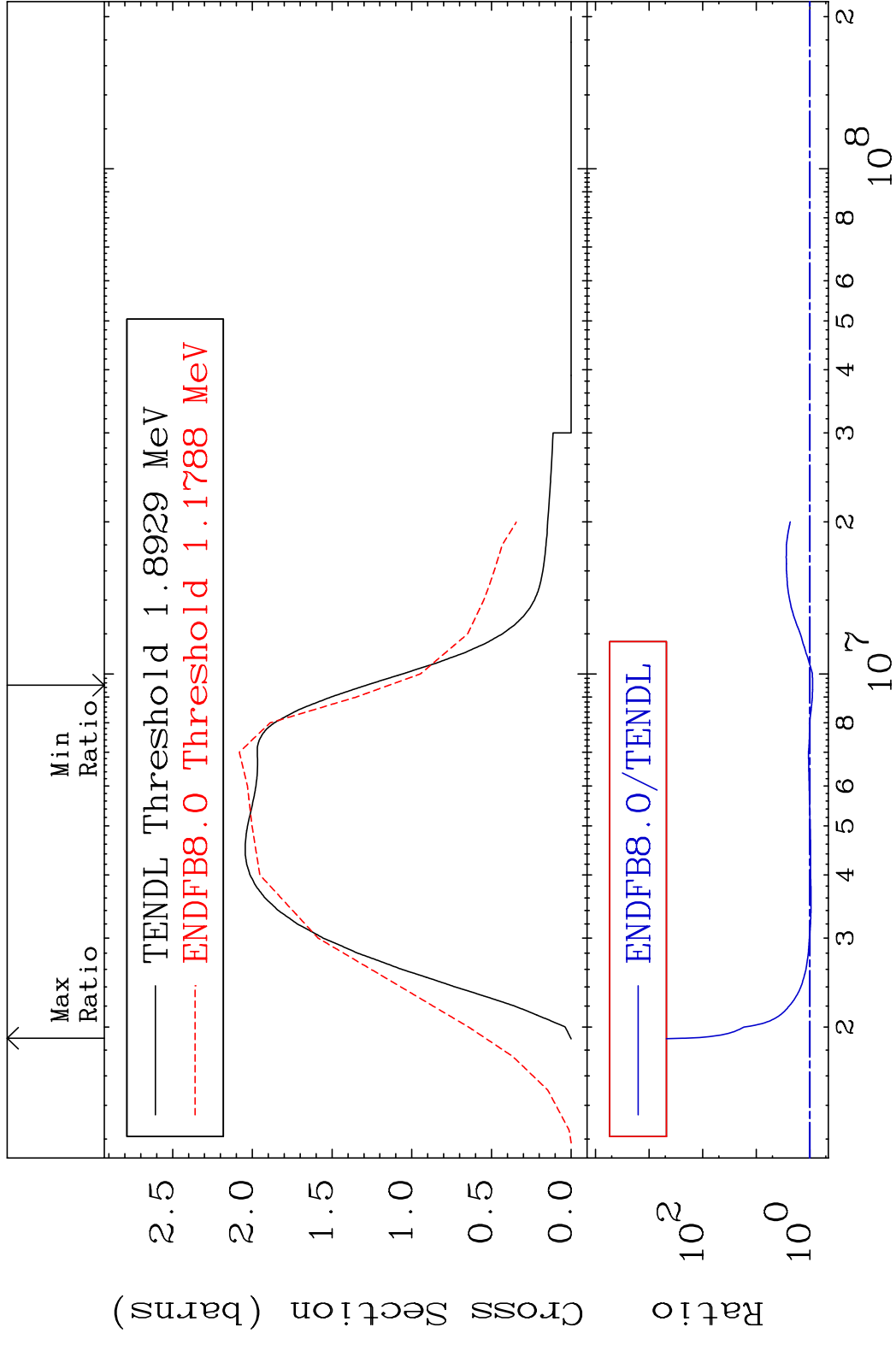
15 Incident Energy (eV) 56-Ba-135

MAT 5640

(n,n') Continuum

56-Ba-135

Cross Section -11.11 To 9999. %

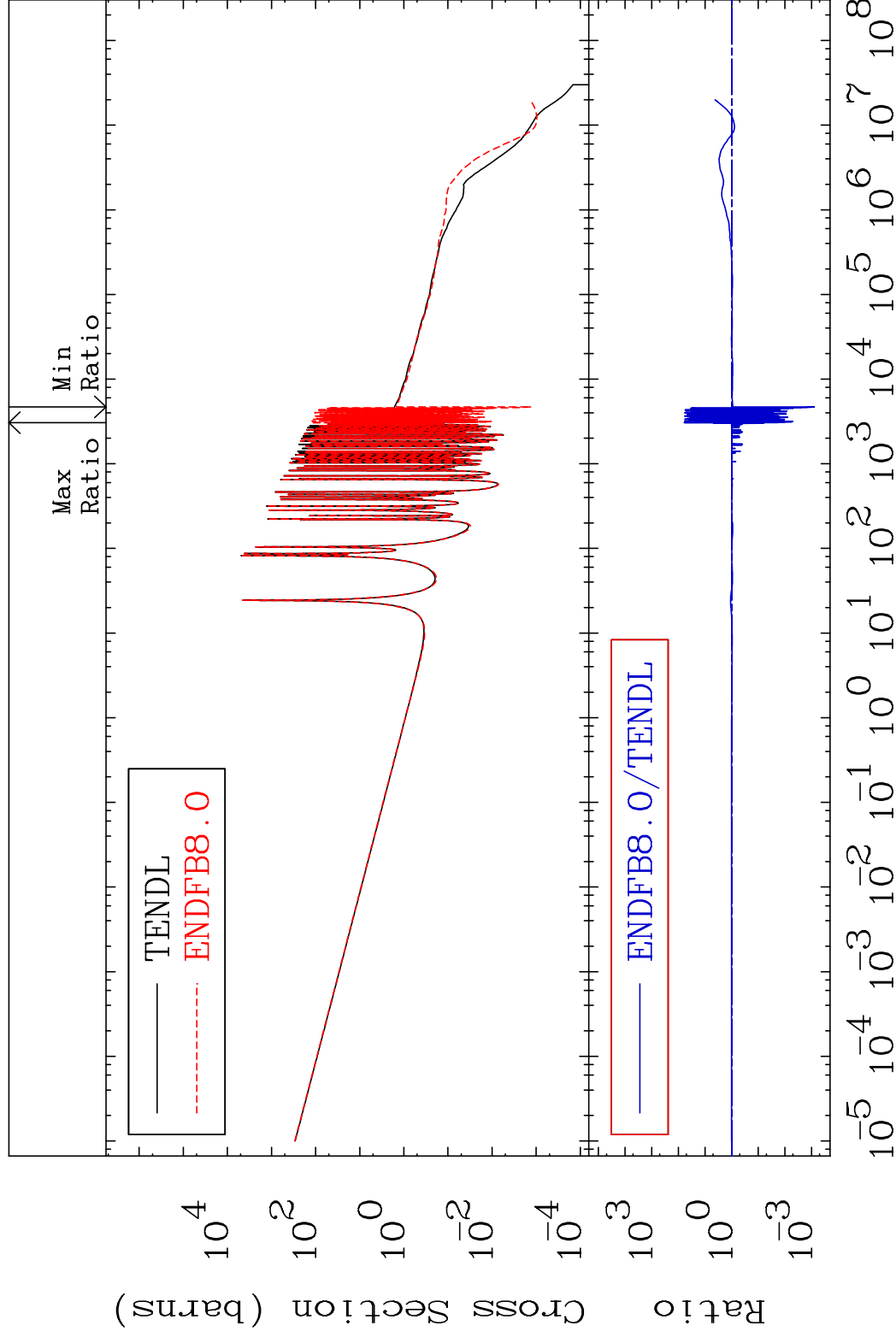


MAT 5640

(n, γ)

56-Ba-135

Cross Section -99.92 To 6016. %



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Incident Energy (eV)

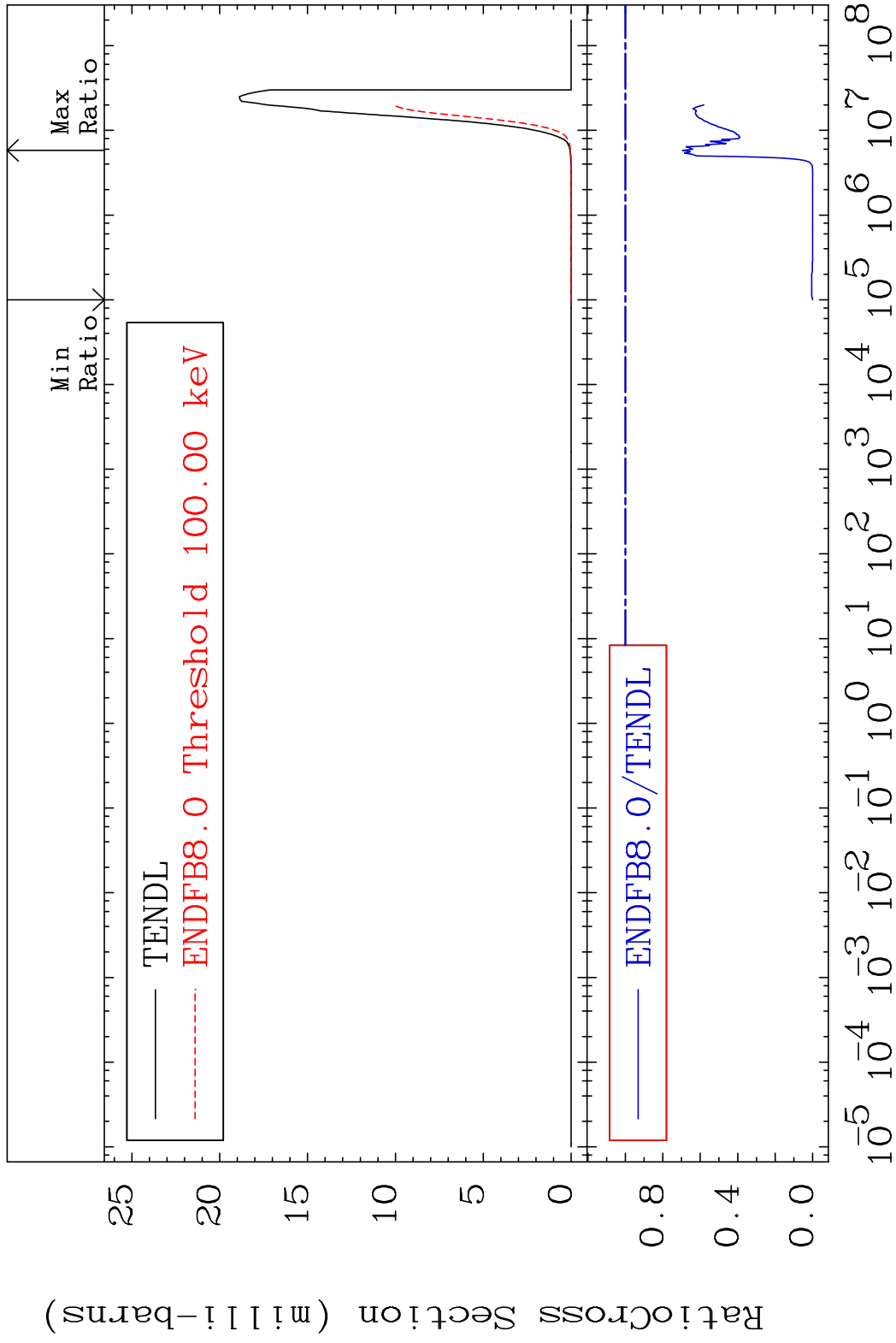
56-Ba-135

MAT 5640

(n, p)

56-Ba-135

Cross Section -100.0 To -30.42%

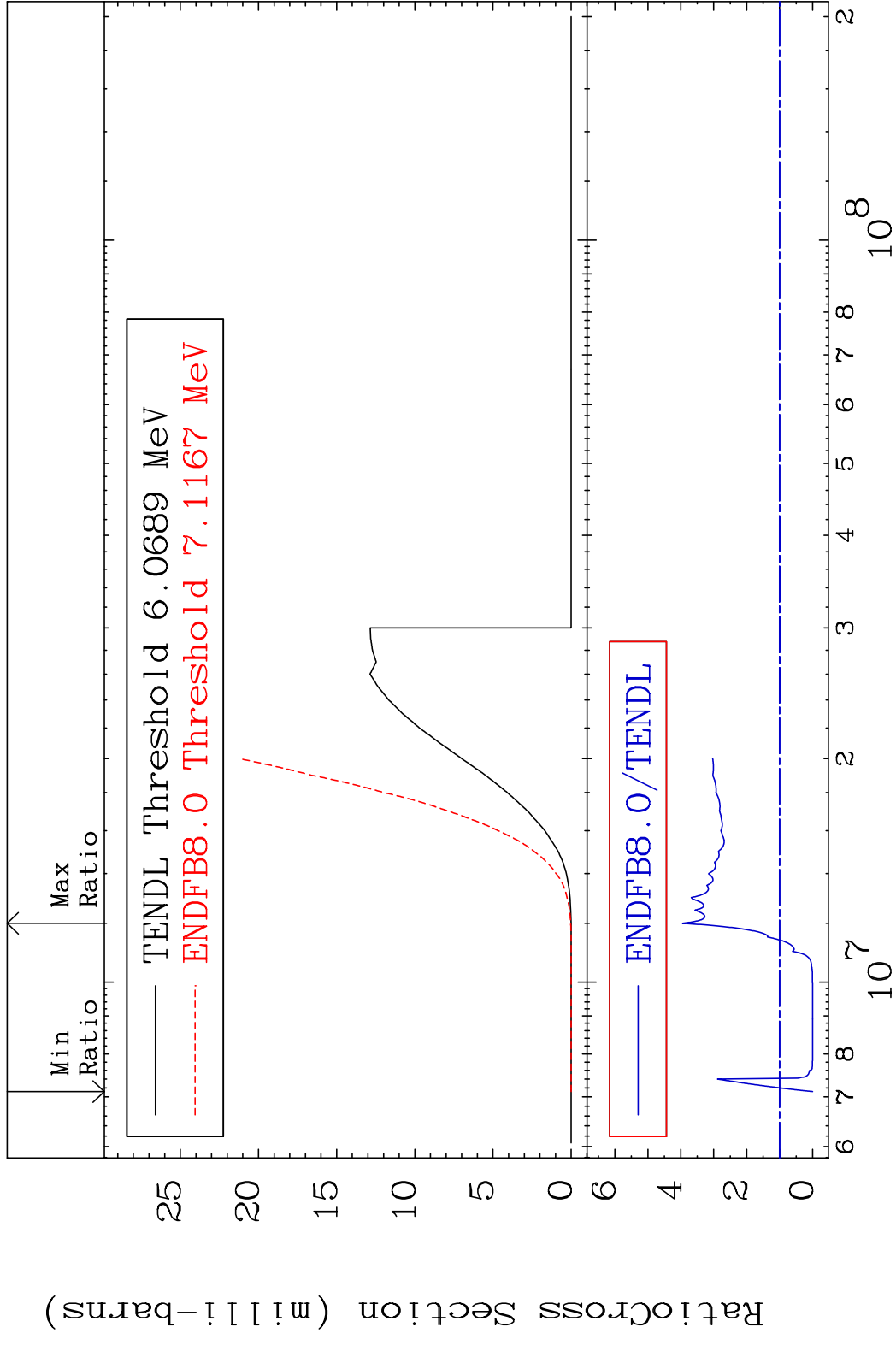


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Incident Energy (eV)

56-Ba-135

MAT 5640 (n,d) 56-Ba-135
 Cross Section -100.0 To 295.2 %

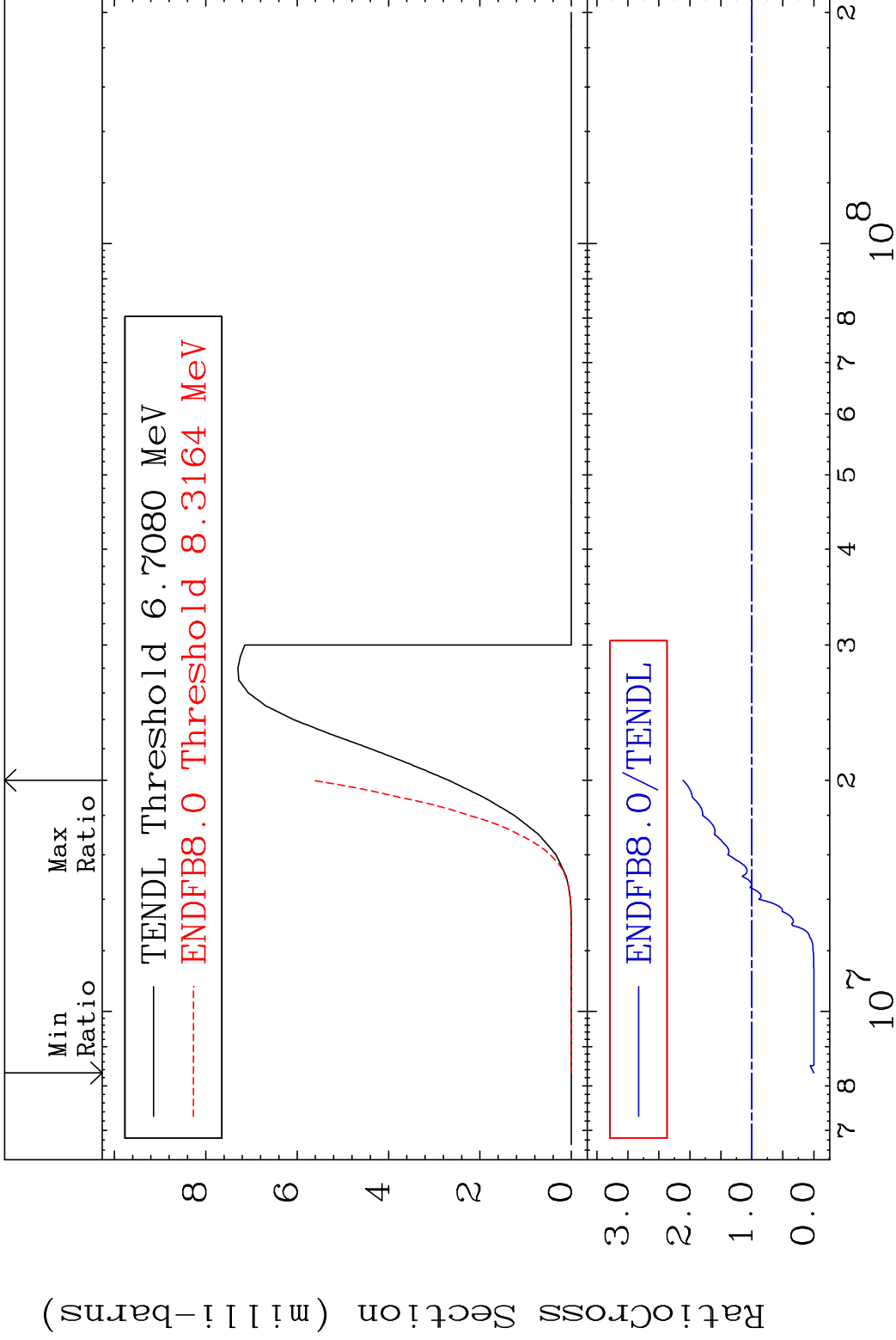


MAT 5640

(n, t)

56-Ba-135

Cross Section -100.0 To 111.0 %



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Incident Energy (eV)

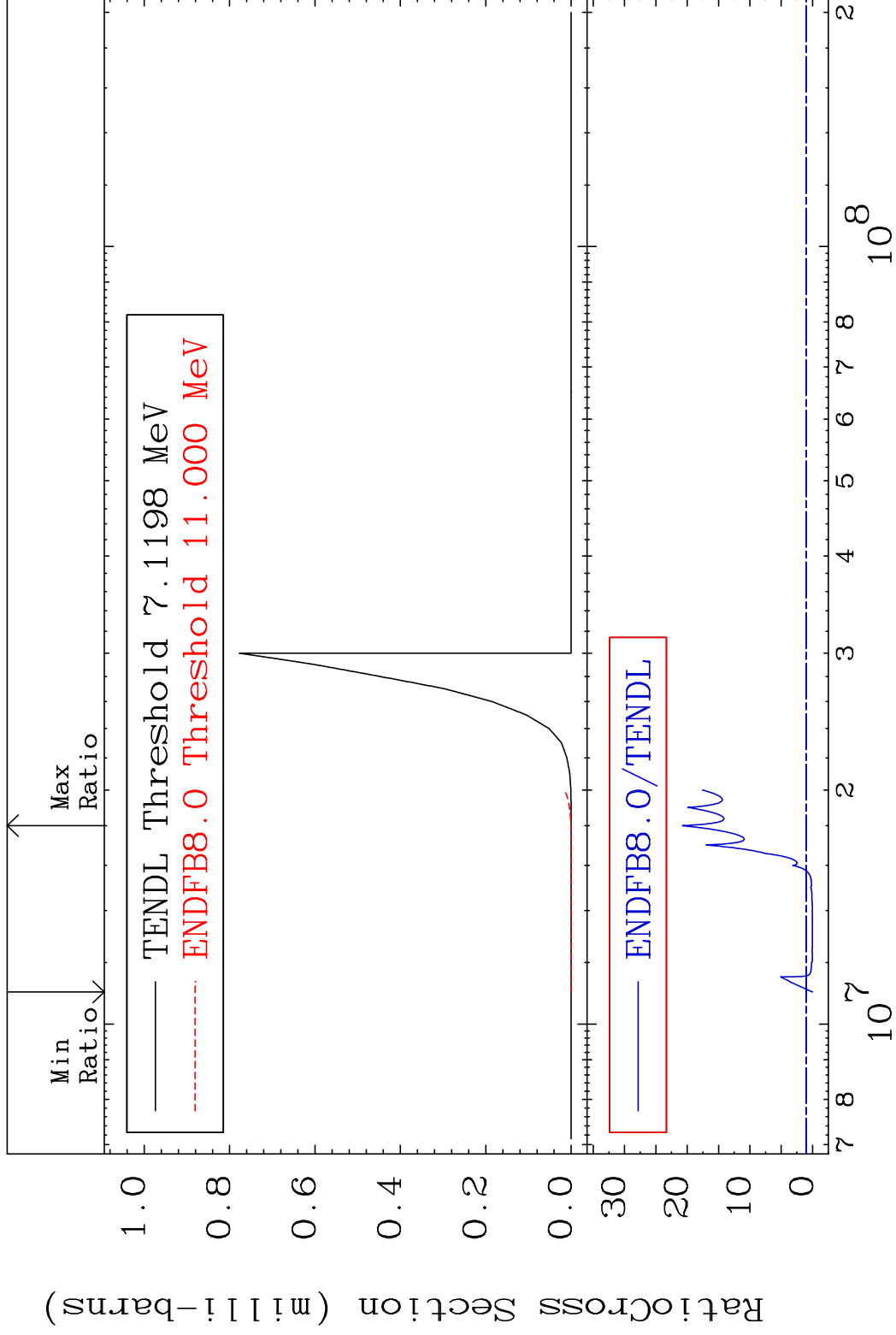
56-Ba-135

MAT 5640

(n, He-3)

56-Ba-135

Cross Section -100.0 To 1977. %

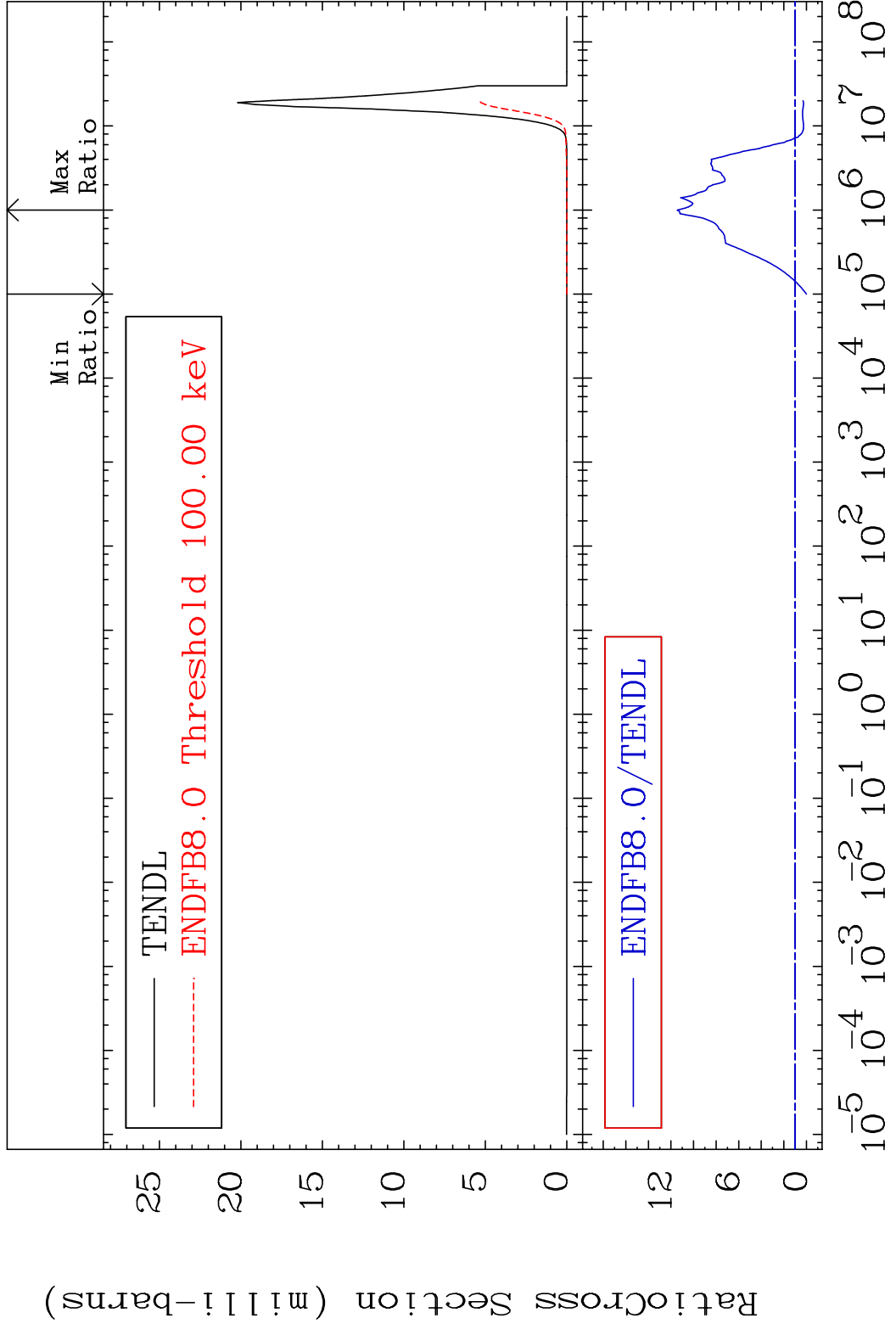


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Incident Energy (eV)

56-Ba-135

MAT 5640 (n, α) 56-Ba-135
 Cross Section -100.0 To 1045. %

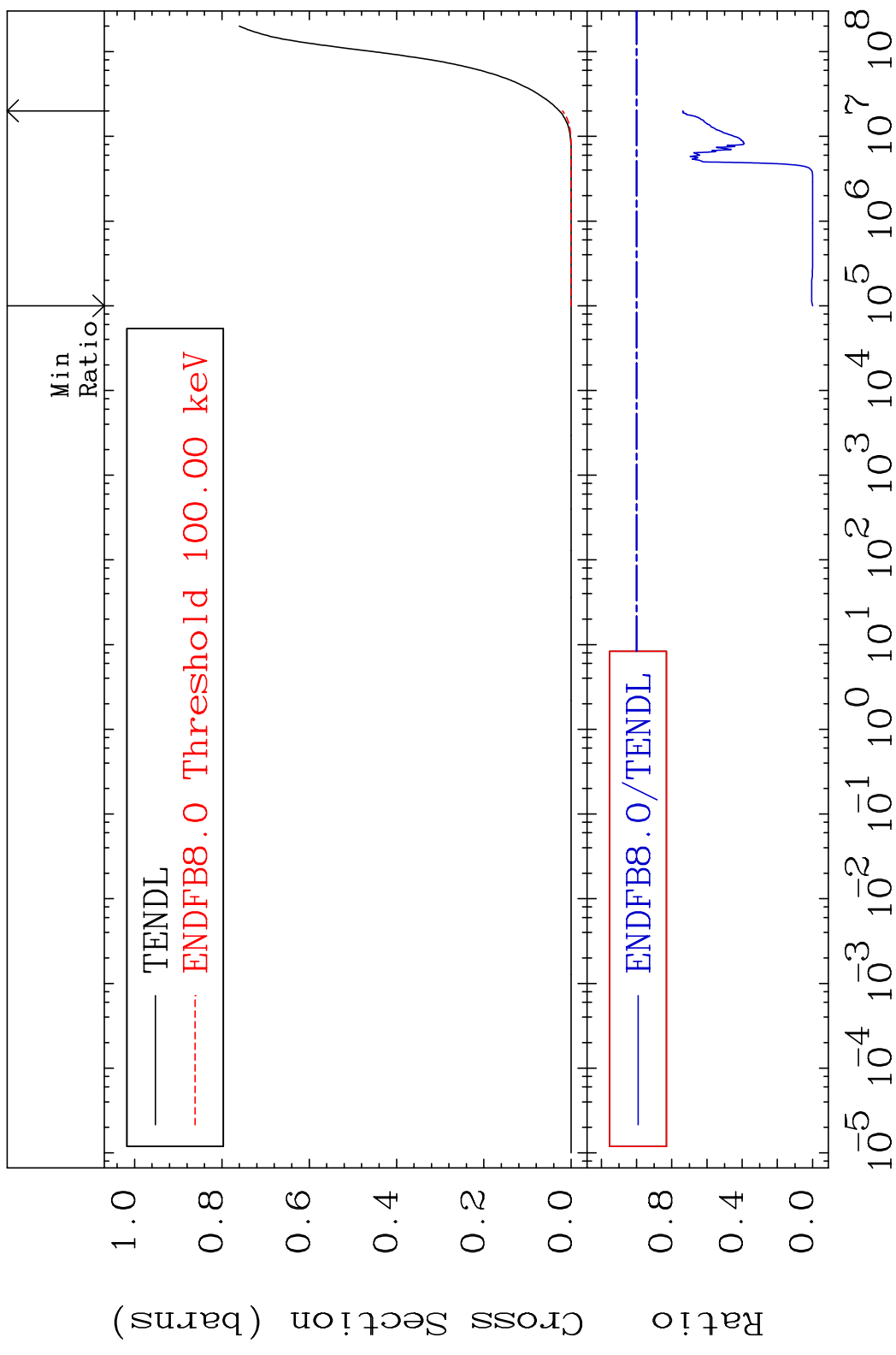


MAT 5640

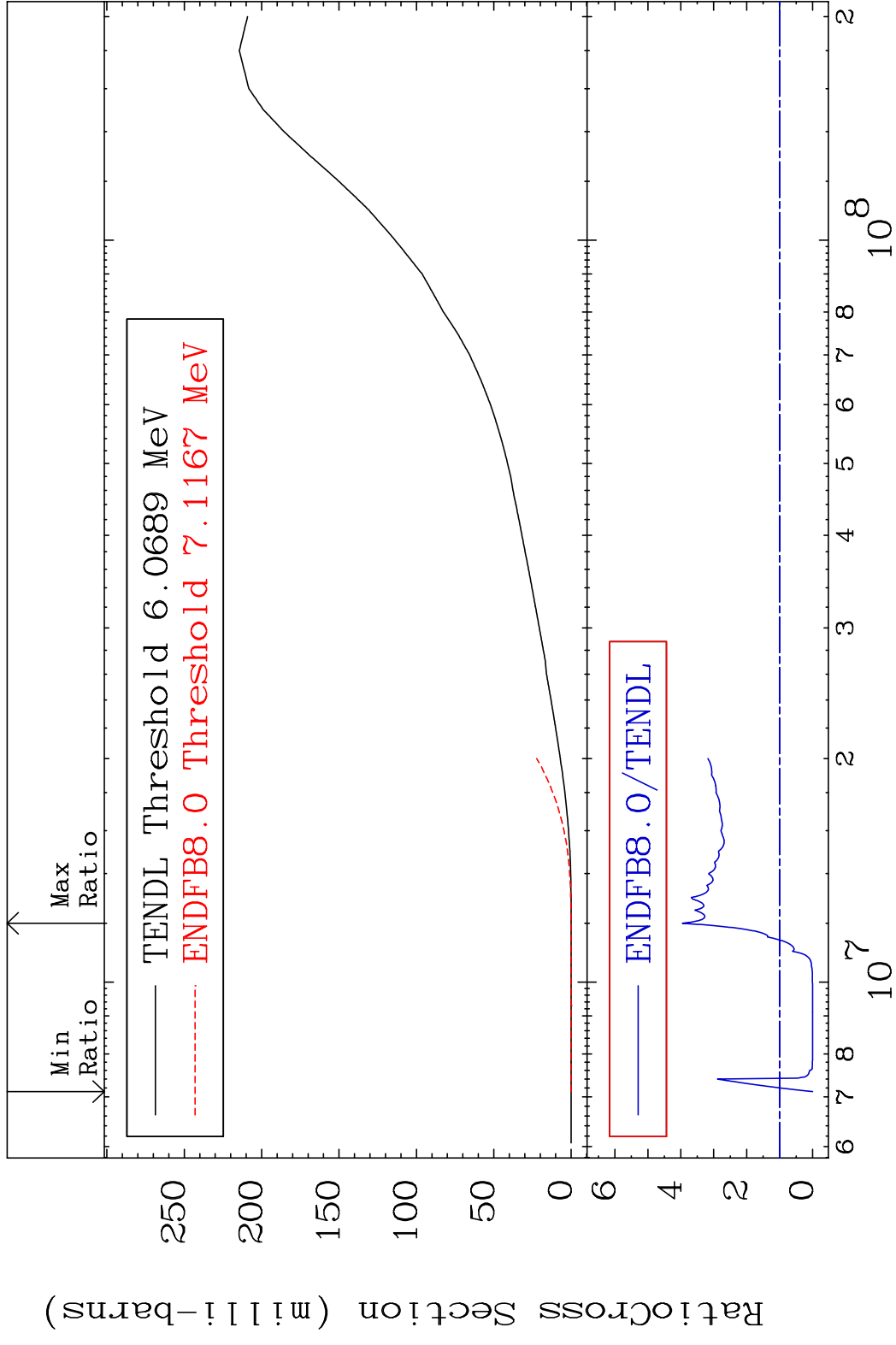
Hydrogen Production

56-Ba-135

Cross Section -100.0 To -26.01%



MAT 5640 Deuterium Production 56-Ba-135
 Cross Section -100.0 To 295.2 %

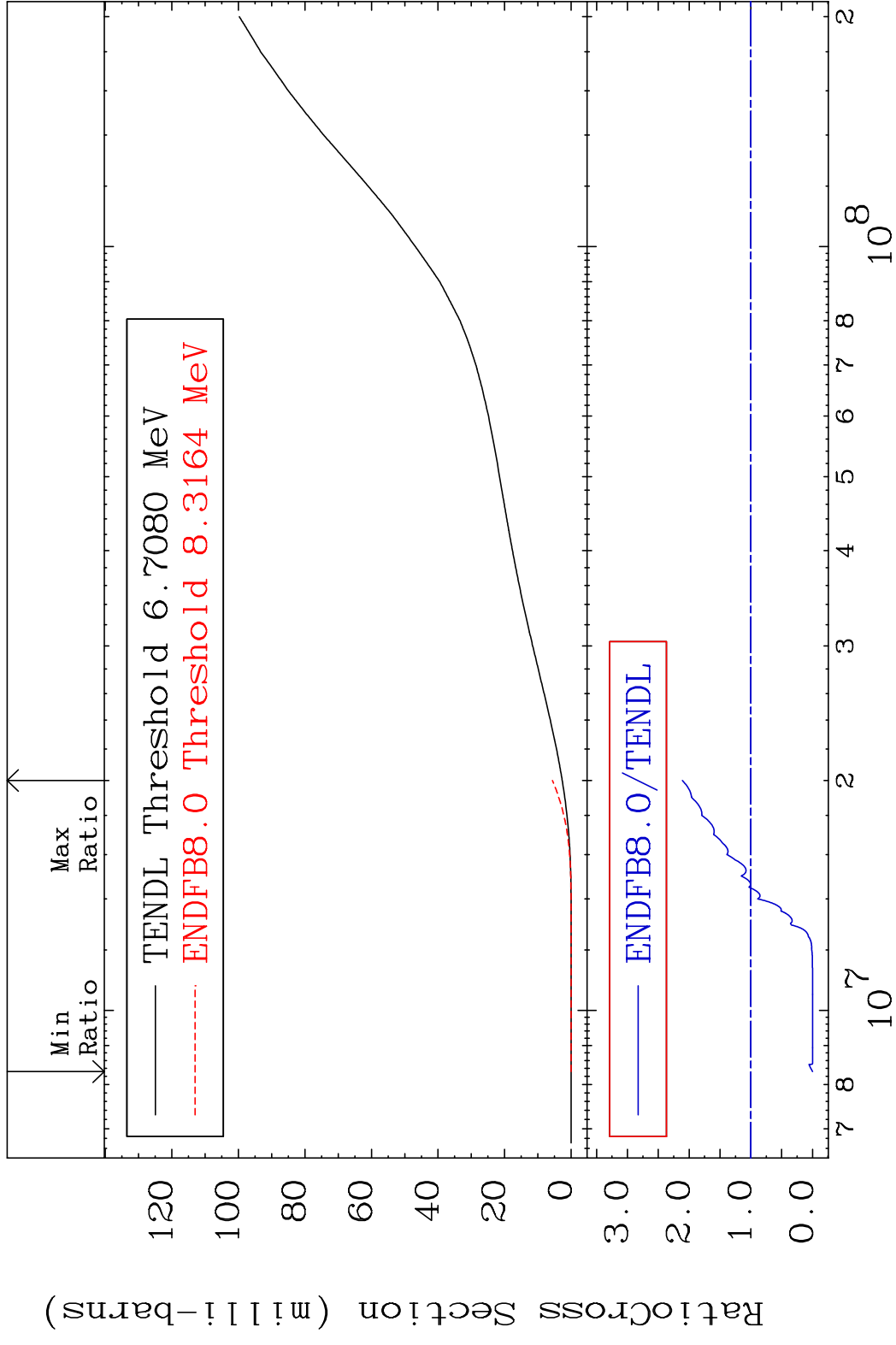


24 Incident Energy (eV) 56-Ba-135

MAT 5640

Tritium Production 56-Ba-135

Cross Section -100.0 To 111.0 %

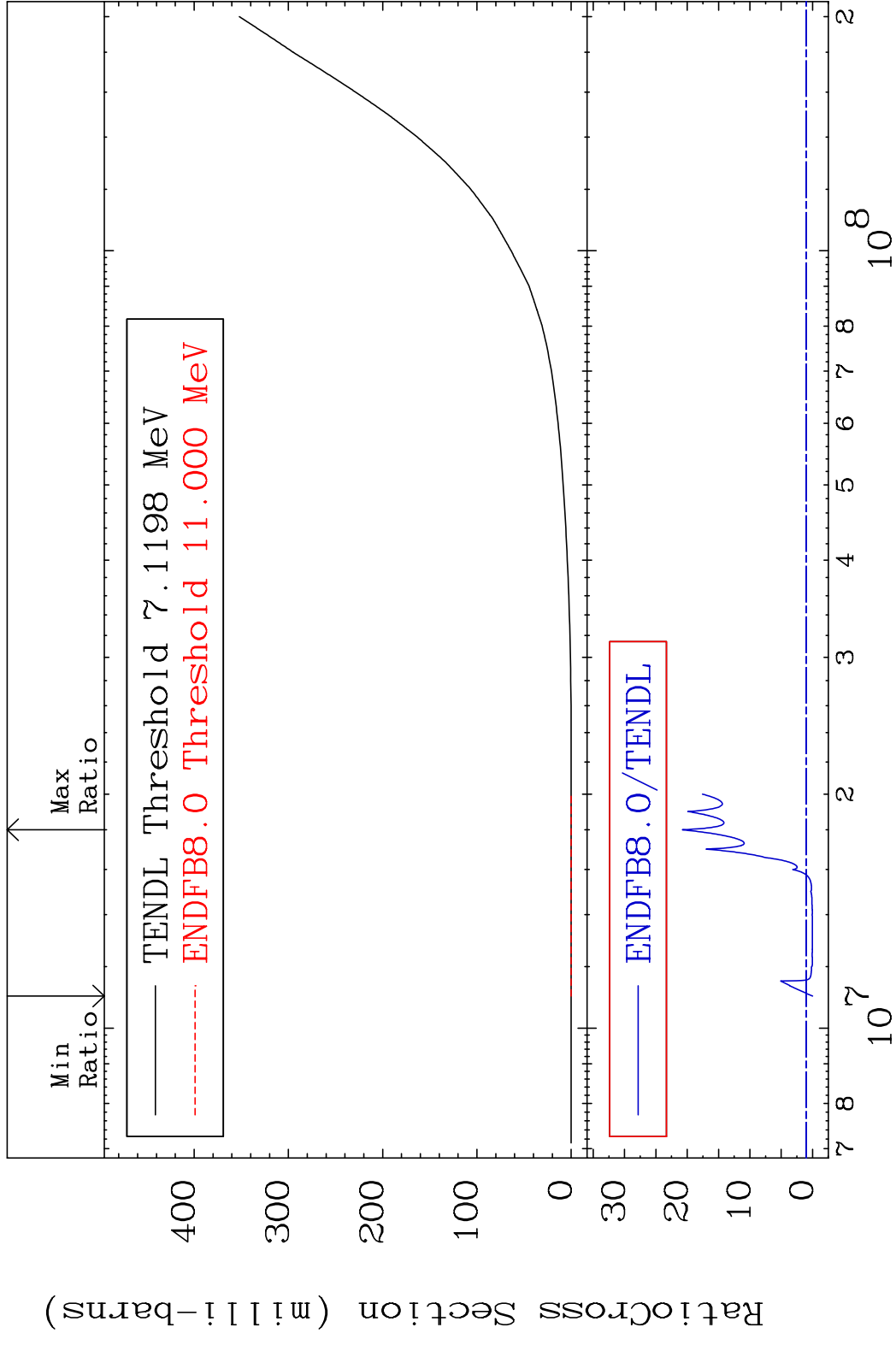


MAT 5640

He-3 Production

56-Ba-135

Cross Section -100.0 To 1977. %

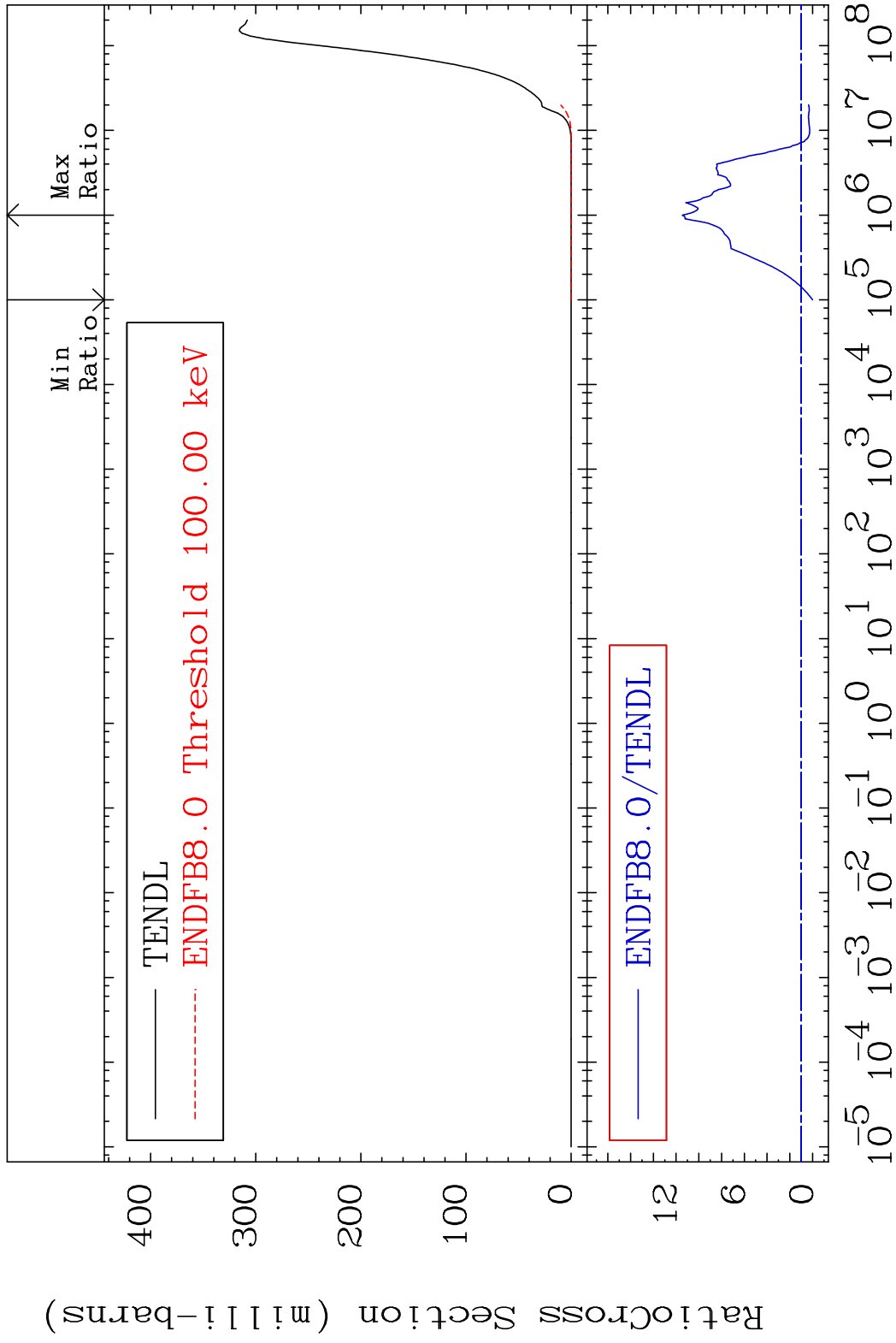


MAT 5640

He-4 Production

56-Ba-135

Cross Section -100.0 To 1045. %

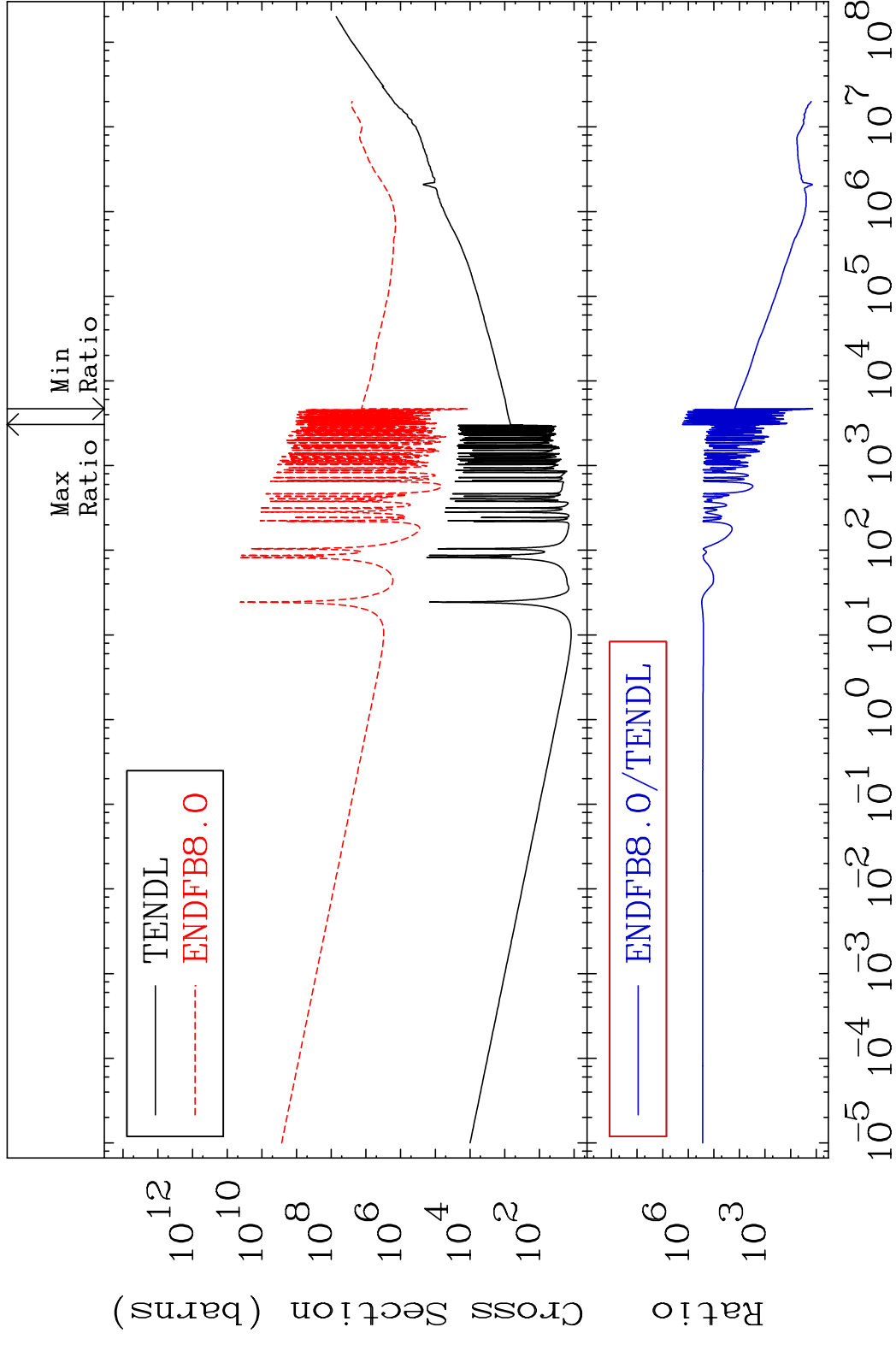


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Incident Energy (eV)

56-Ba-135

MAT 5640 Kerma total (eV-barns) 56-Ba-135
 Cross Section 1286. To 9999. %

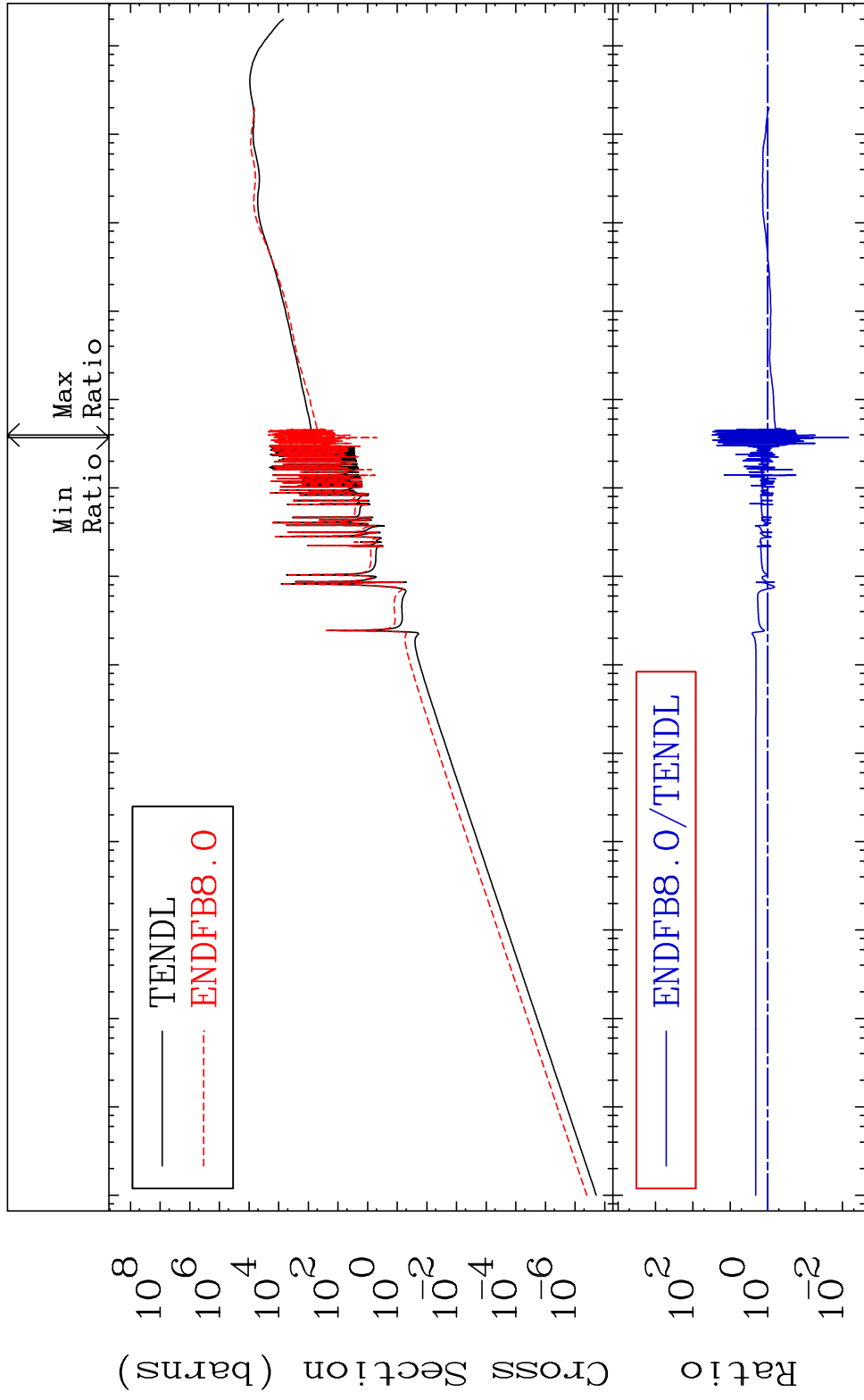


MAT 5640

Kerma elastic
Cross Section

56-Ba-135

-99.30 To 2908. %

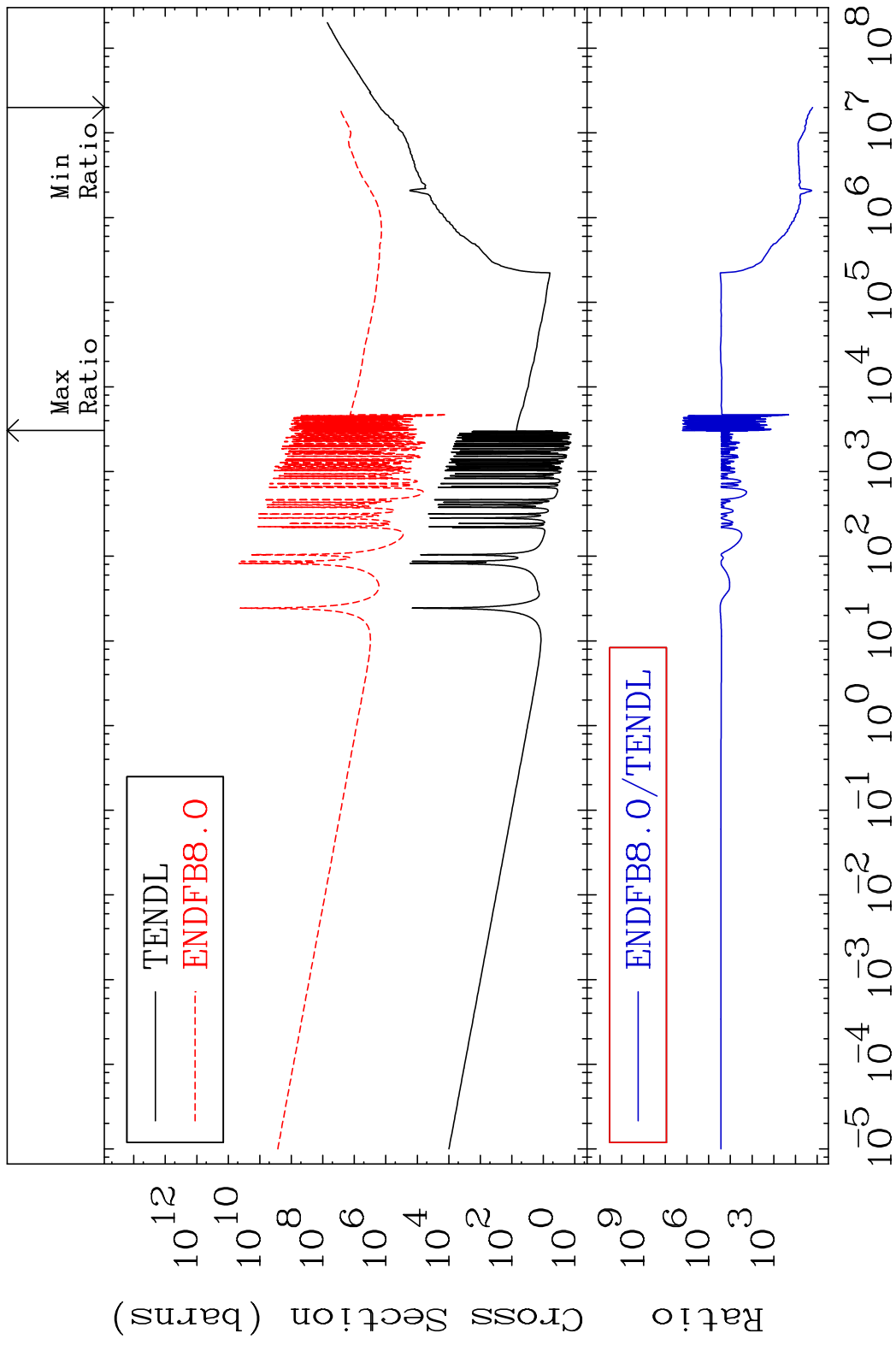


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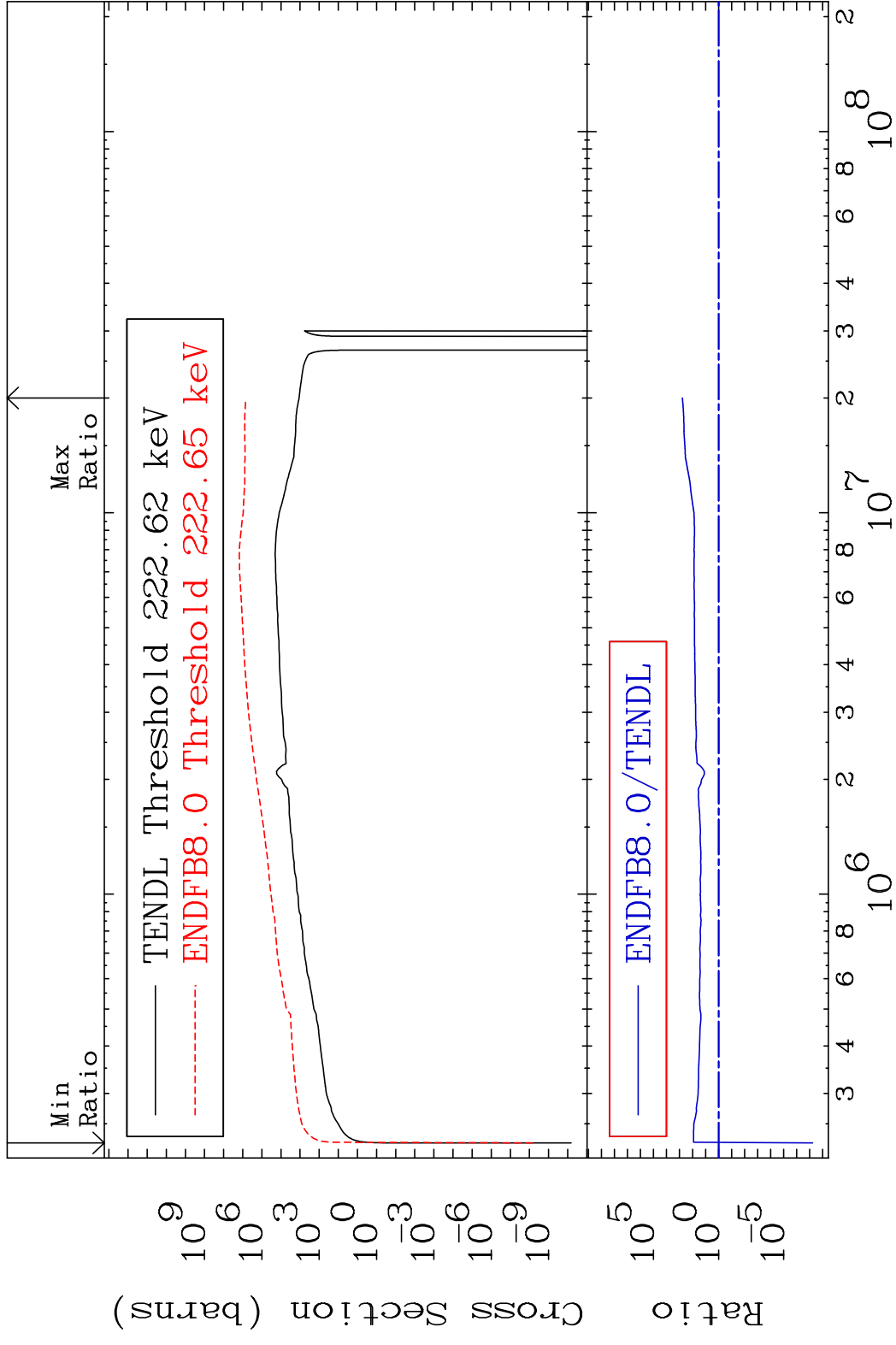
Incident Energy (eV)

56-Ba-135

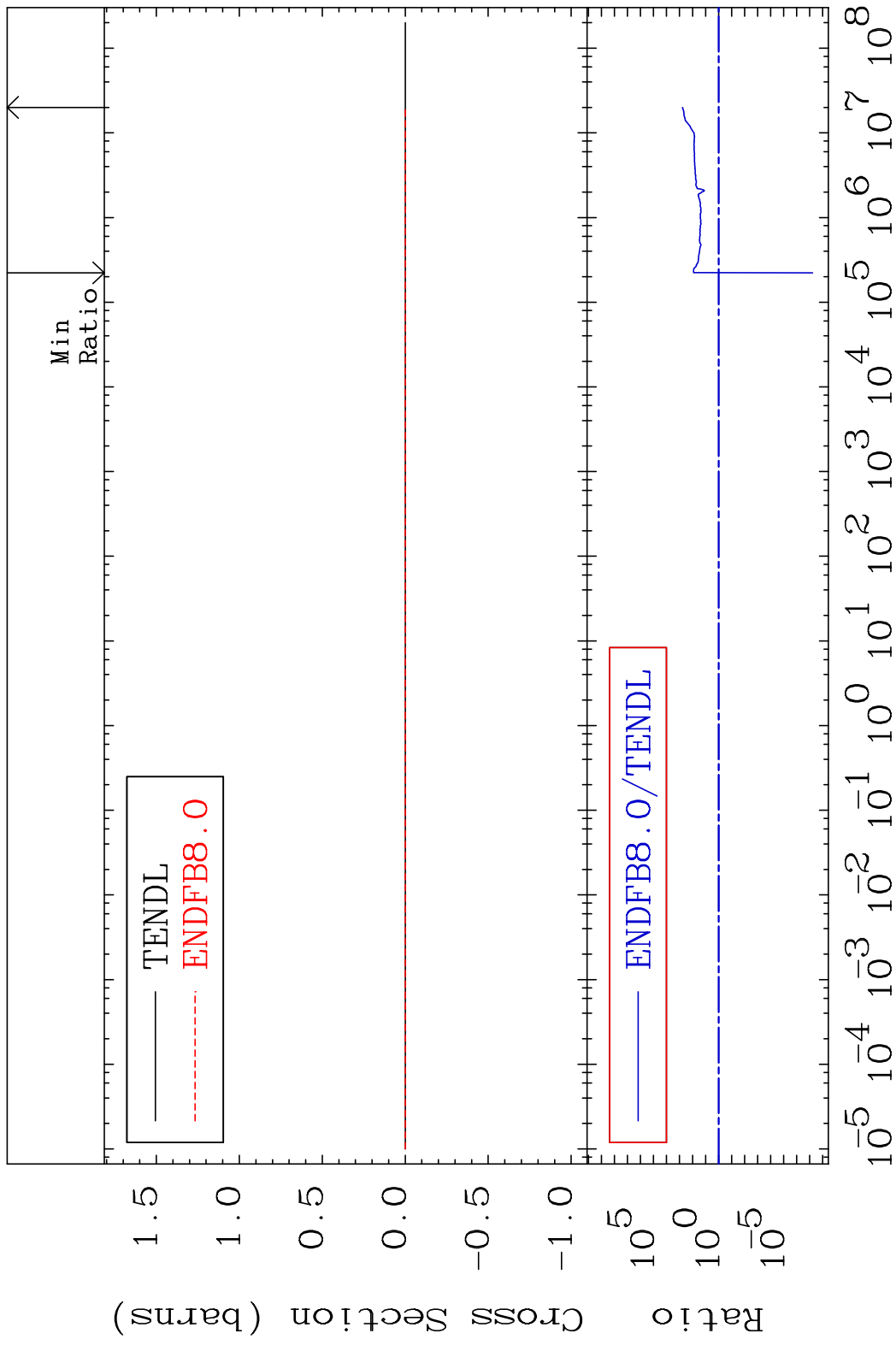
MAT 5640 Kerma non-elastic (all but mt2) 56-Ba-135
 Cross Section 1543. To 9999. %



MAT 5640 Kerma inelastic (mt51-91) 56-Ba-135
 Cross Section -100.0 To 9999. %

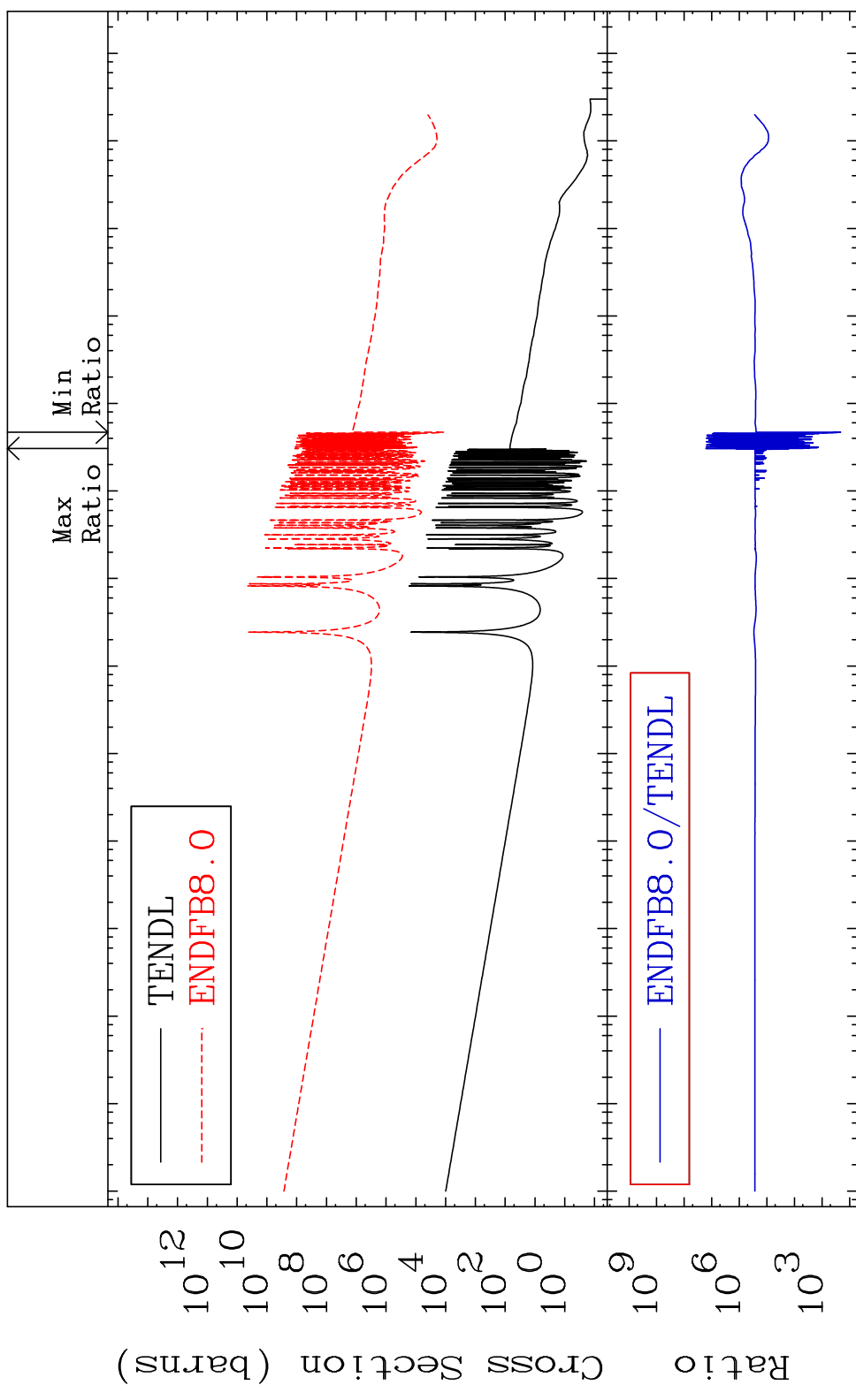


MAT 5640 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-135
 Cross Section -100.0 To 9999. %

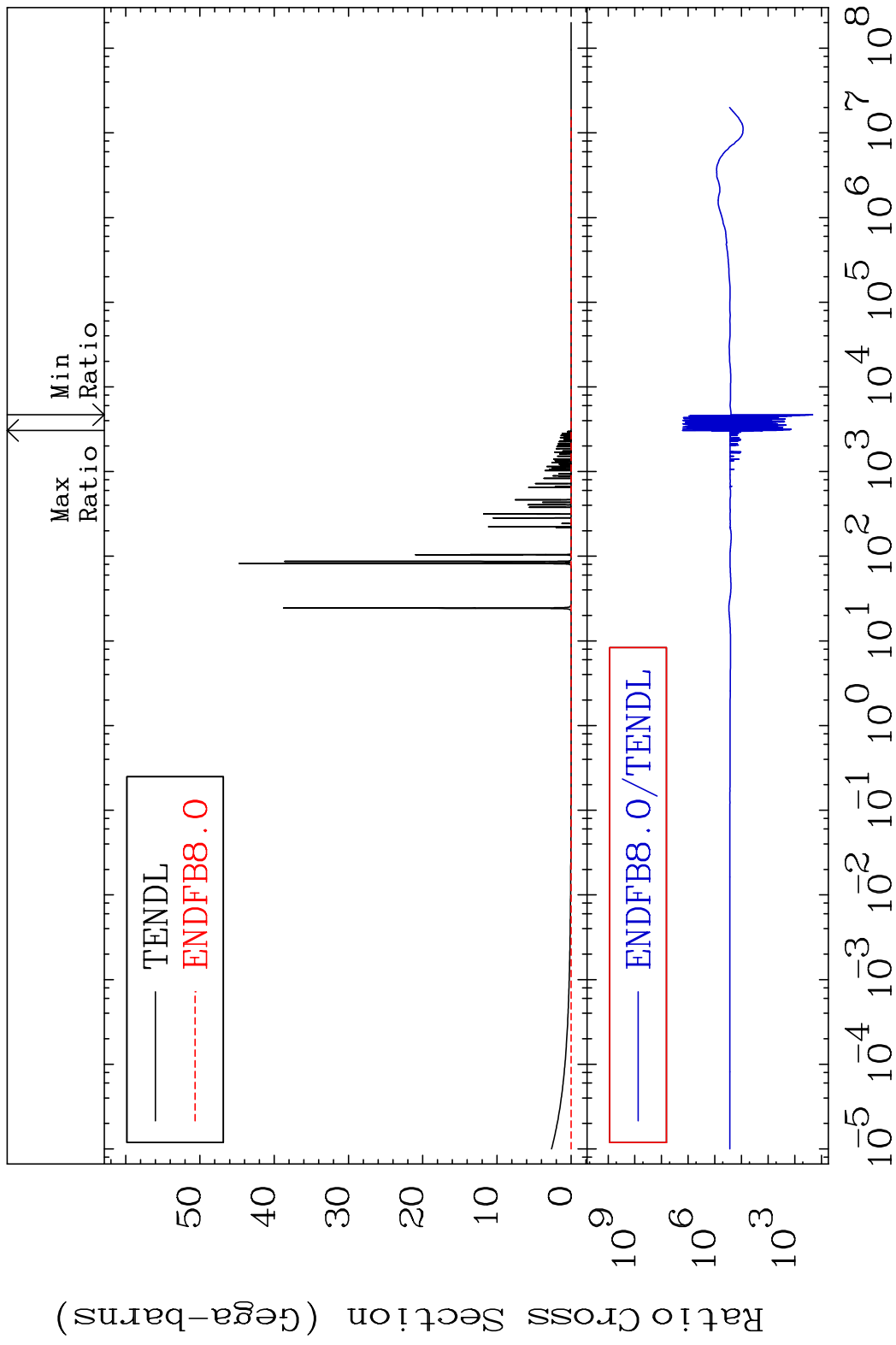


MAT 5640

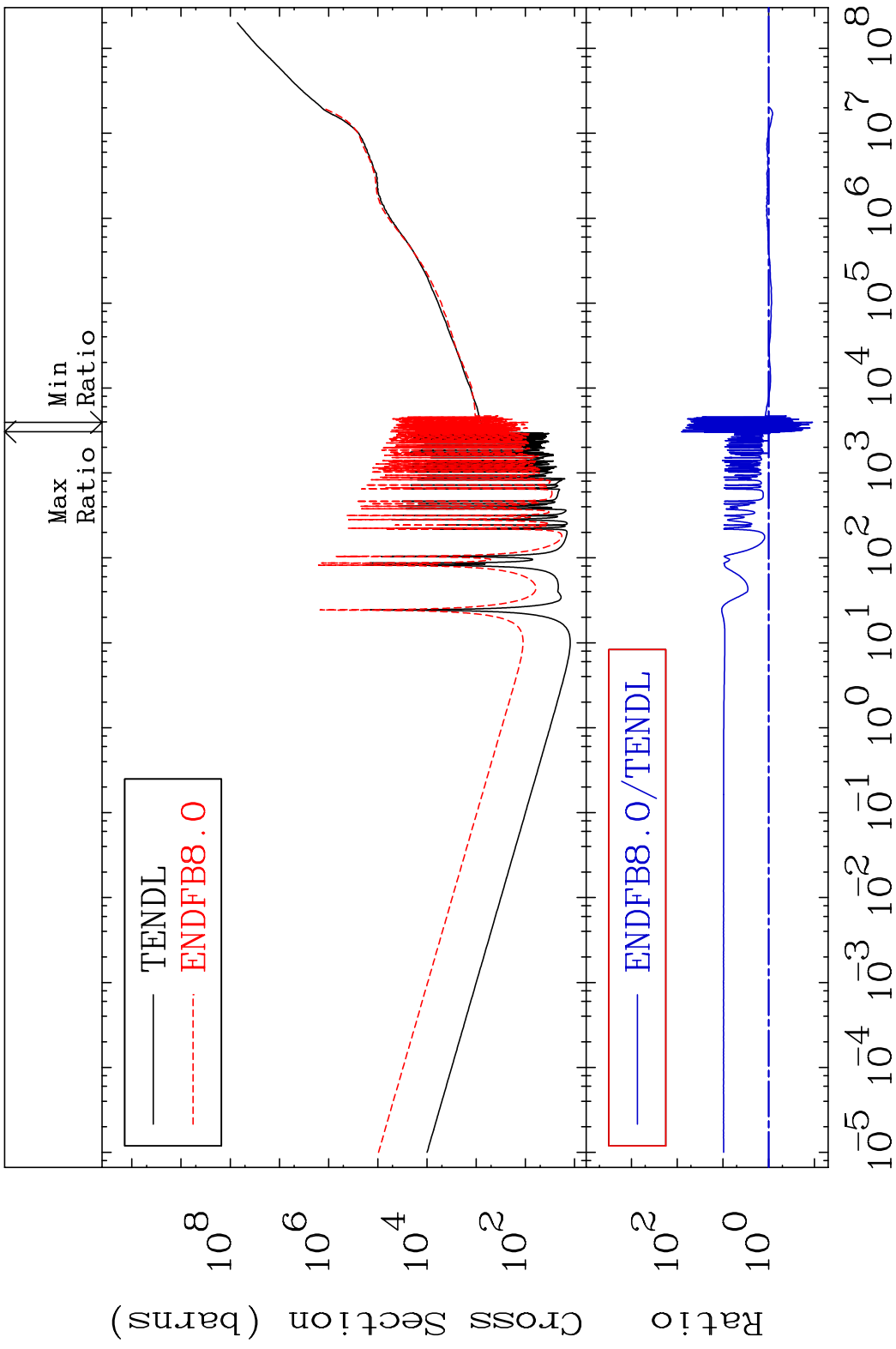
Kerma capture (mt102) 56-Ba-135
Cross Section 9999. To 9999. %



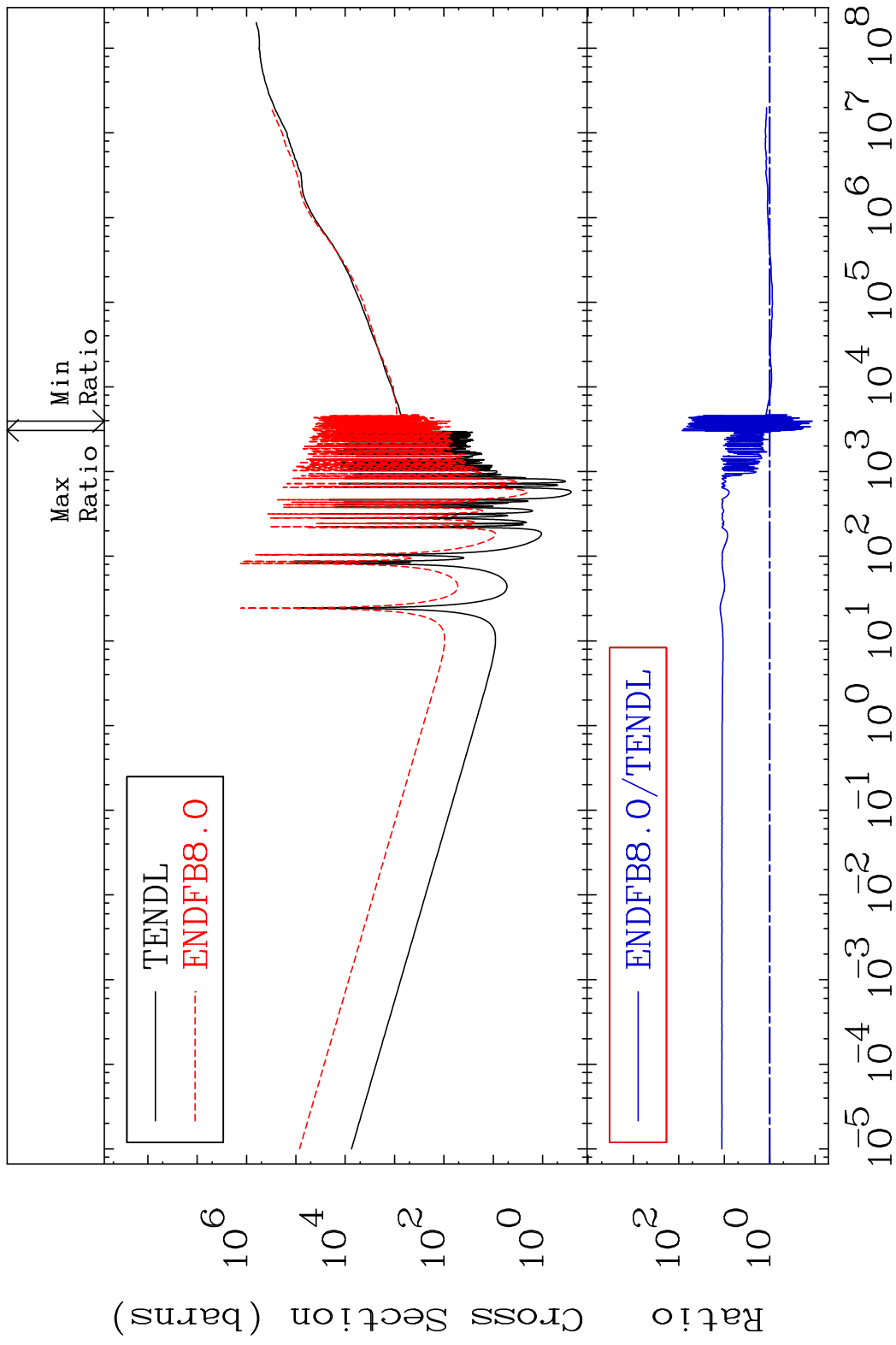
MAT 5640 Total photon (eV-barns) 56-Ba-135
 Cross Section 9999. To 9999. %



MAT 5640 Total kinematic kerma (high limit) 56-Ba-135
 Cross Section -88.84 To 7862. %



MAT 5640 Dpa total (eV-barns) 56-Ba-135
 Cross Section -88.58 To 8267. %

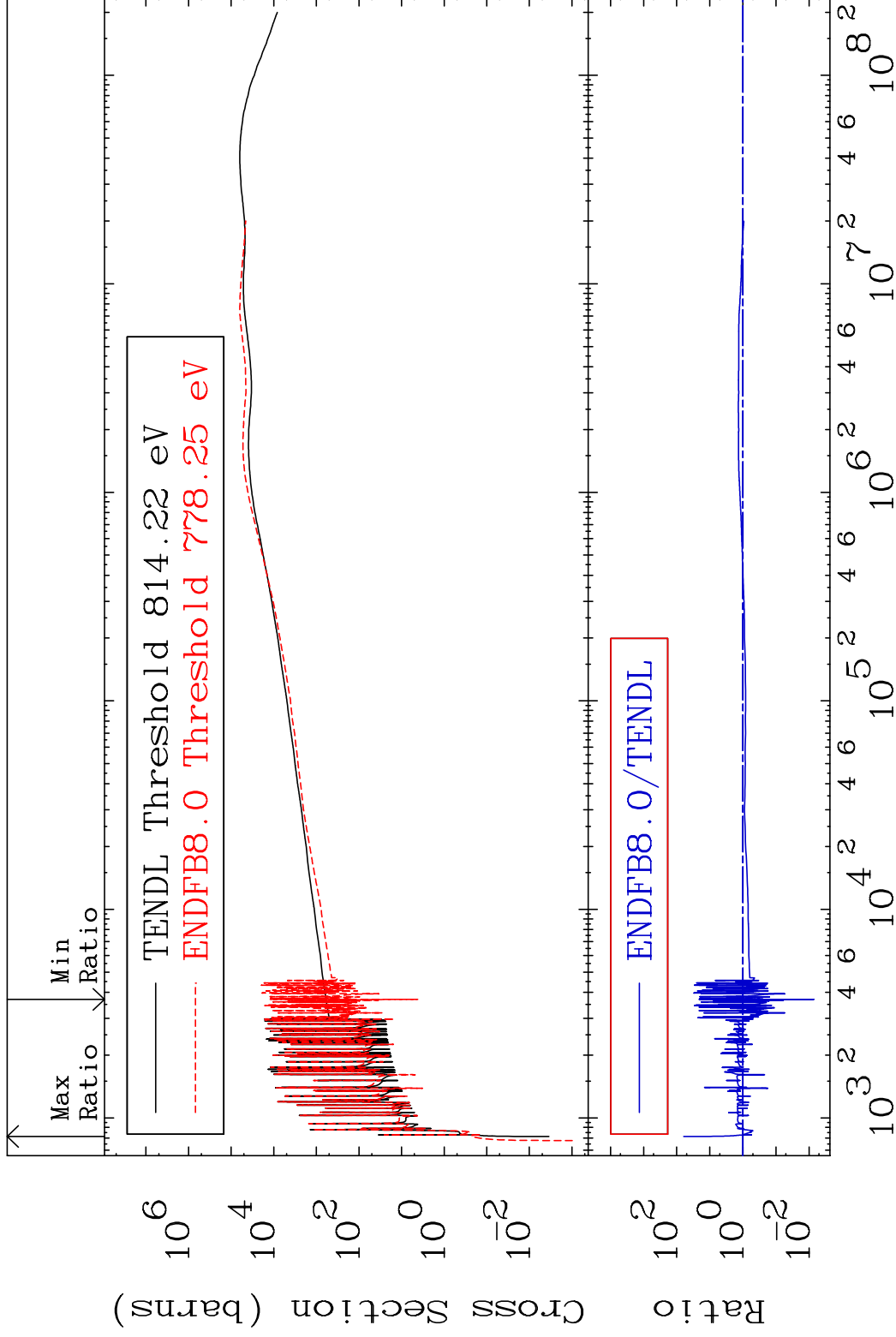


MAT 5640

Dpa elastic (mt2)

56-Ba-135

Cross Section -99.30 To 6069. %

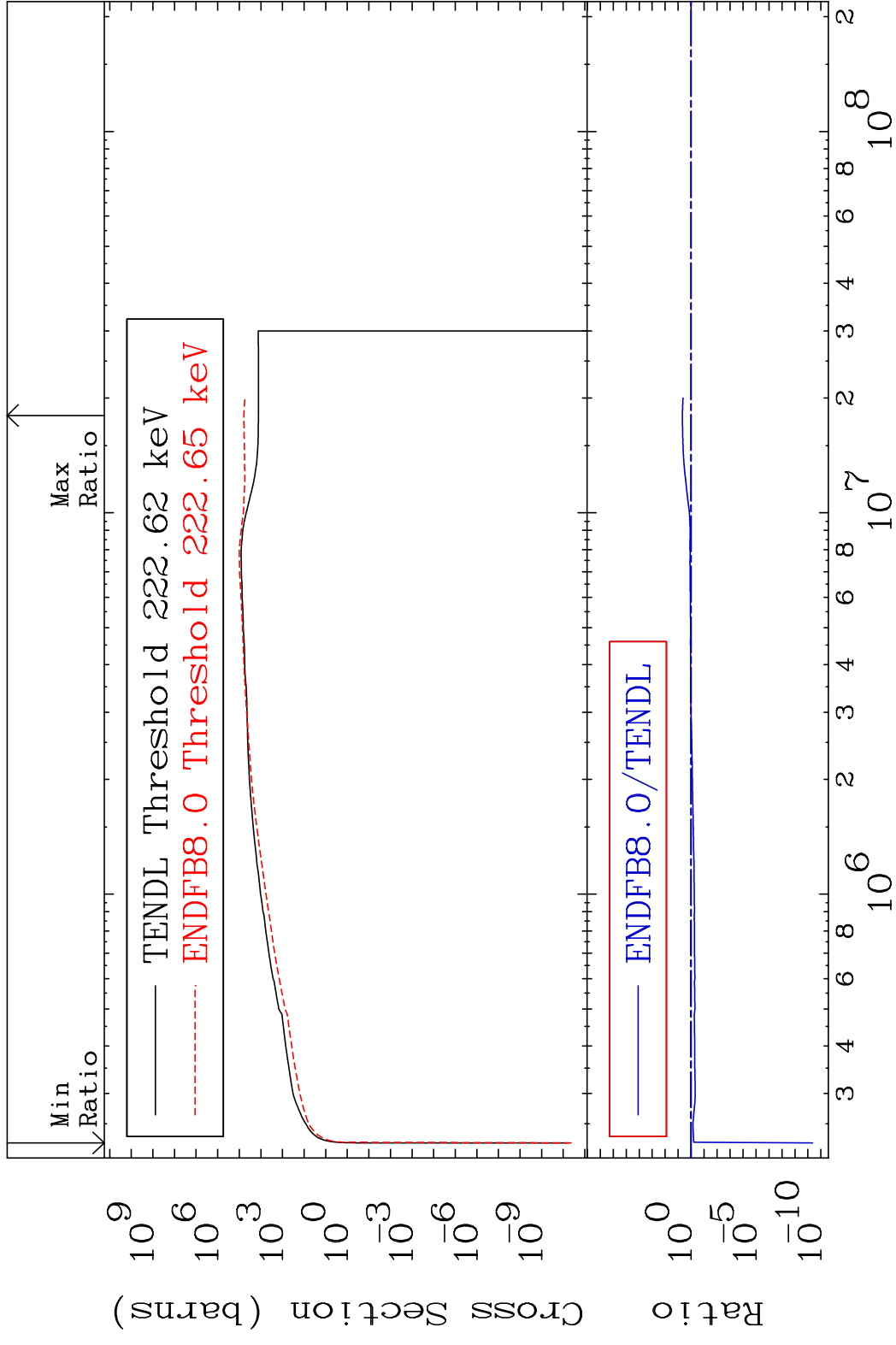


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Incident Energy (eV)

56-Ba-135

MAT 5640 Dpa inelastic (mt51-91) 56-Ba-135
 Cross Section -100.0 To 372.6 %



MAT 5640 Dpa disappearance (mt102 -120) 56-Ba-135
 Cross Section -99.01 To 9999. %

