

Program Complot
(Version 2021-1)

by

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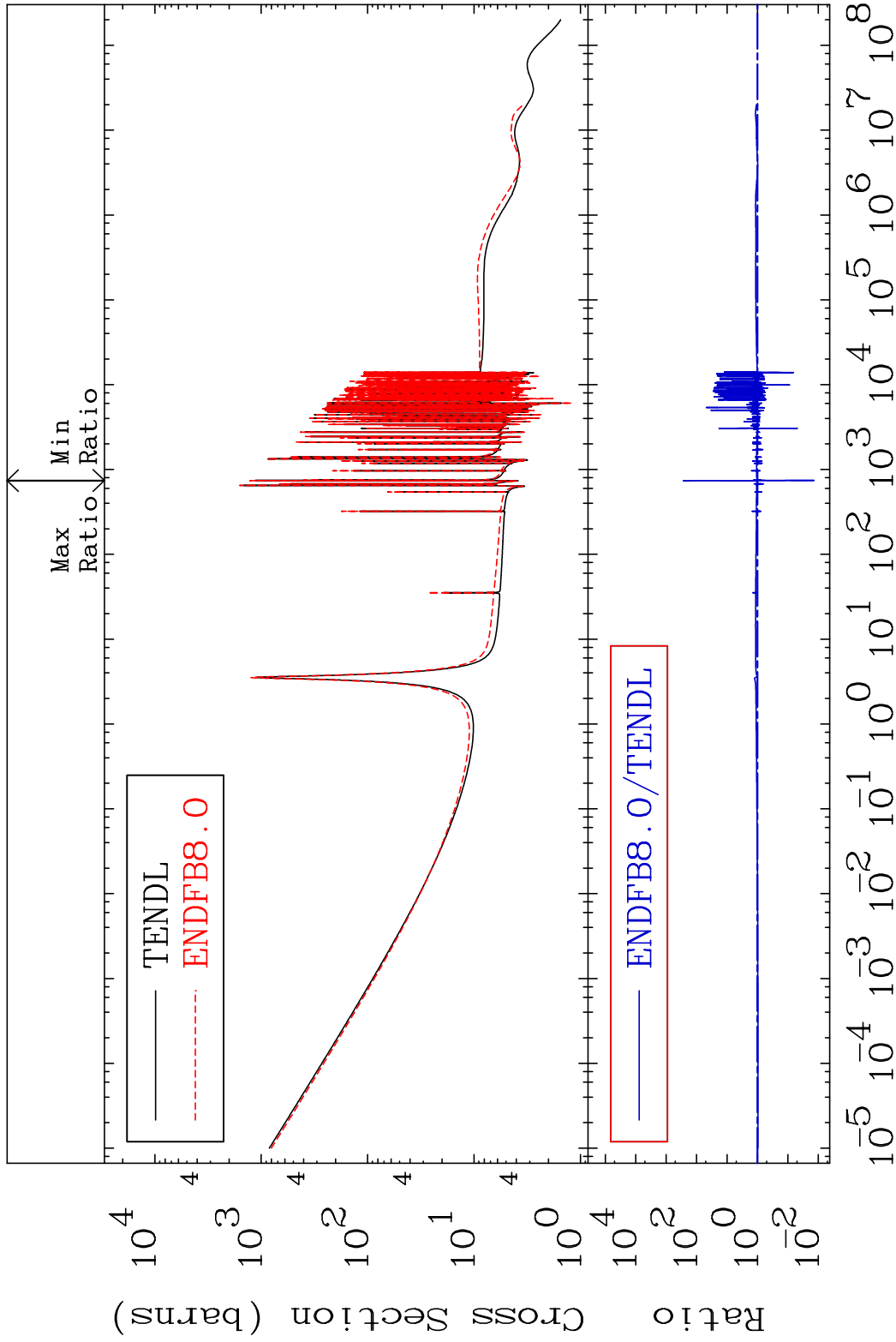
Press Mouse Button to Start

MAT 3834

Total

38-Sr-87

Cross Section -98.61 To 9999. %



1

Incident Energy (eV)

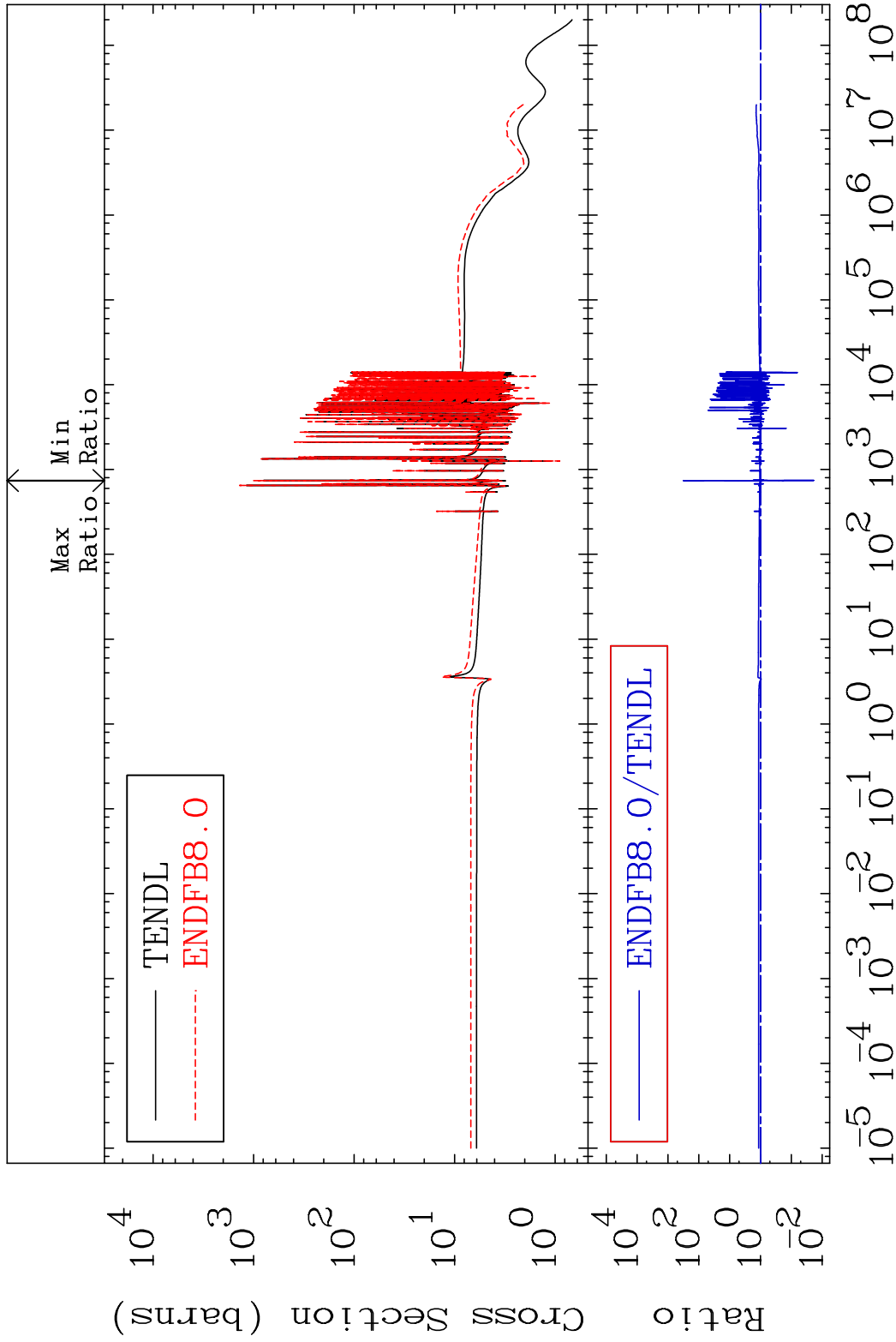
38-Sr-87

MAT 3834

Elastic

38-Sr-87

Cross Section -98.14 To 9999. %

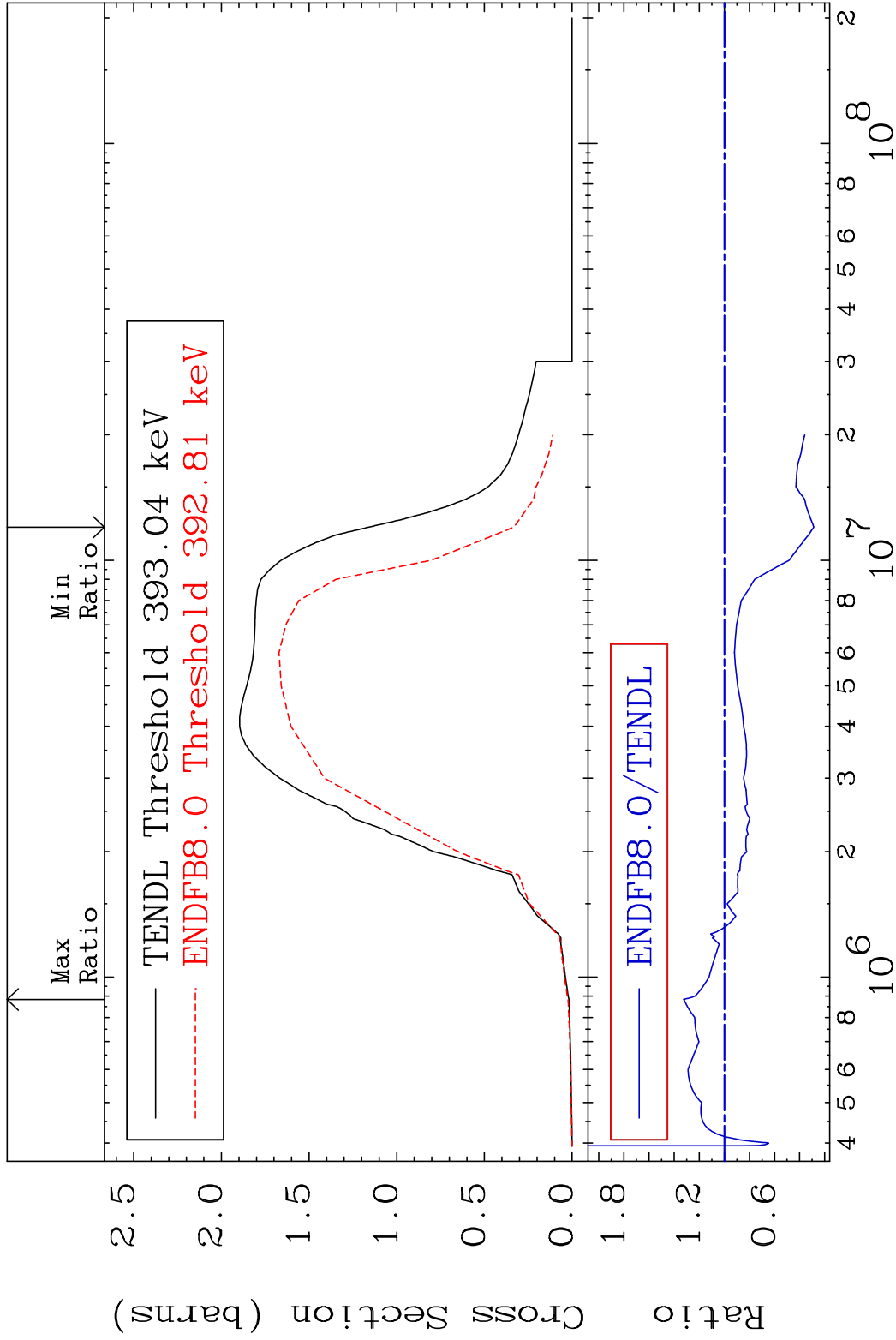


2

Incident Energy (eV)

38-Sr-87

MAT 3834 Inelastic Cross Section -71.36 To 32.57 % 38-Sr-87

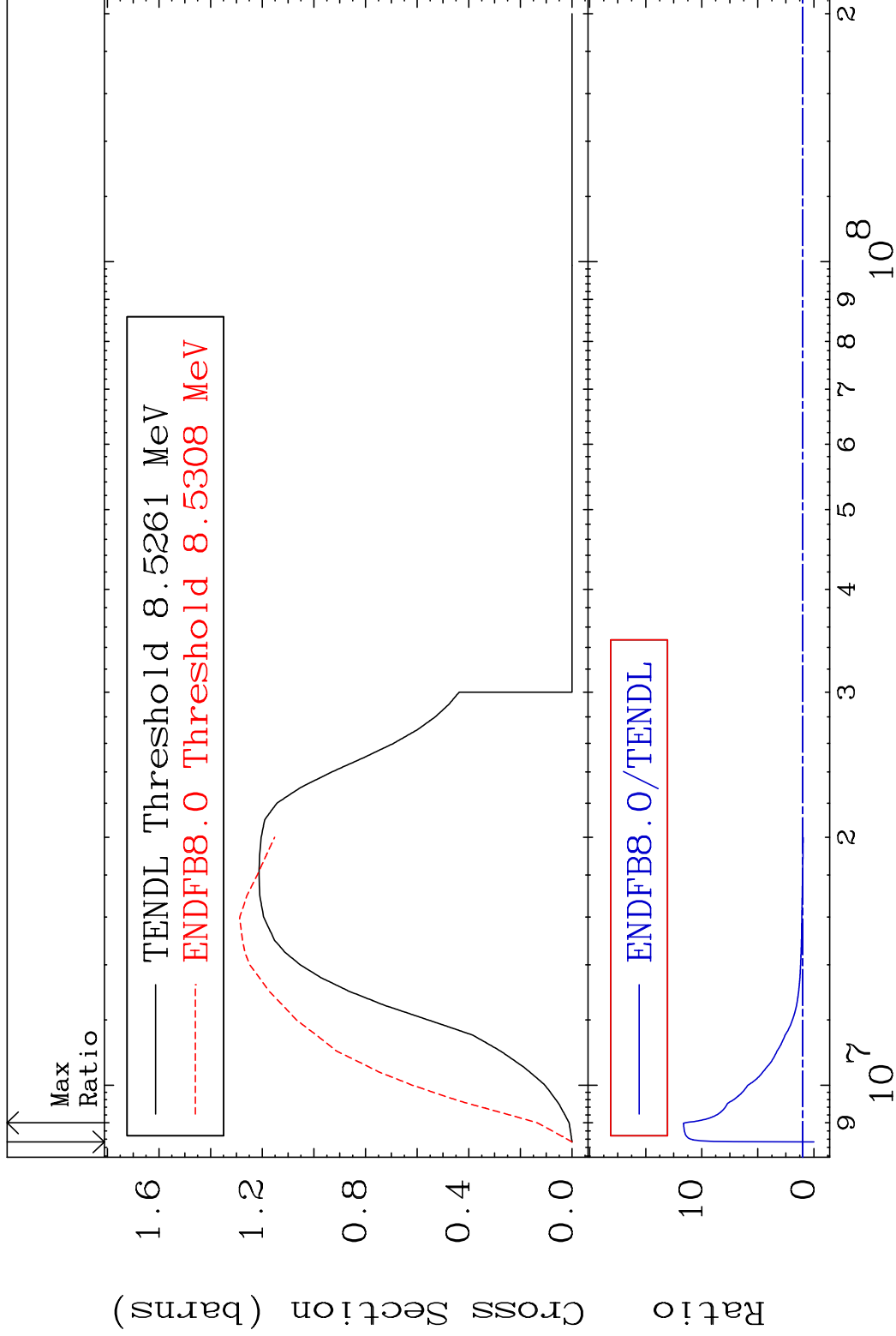


MAT 3834

(n,2n)

38-Sr-87

Cross Section -100.0 To 1064. %

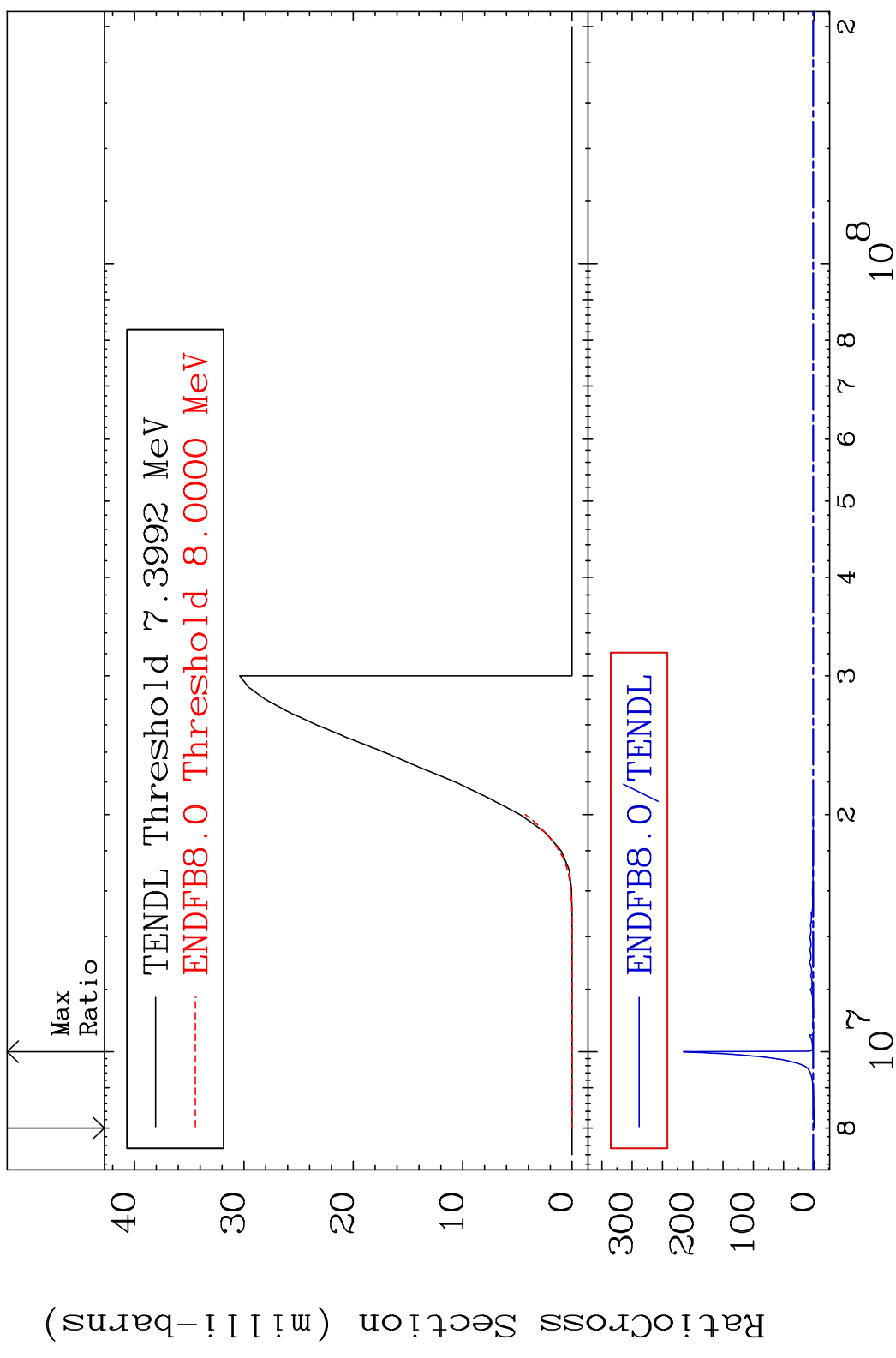


4

Incident Energy (eV)

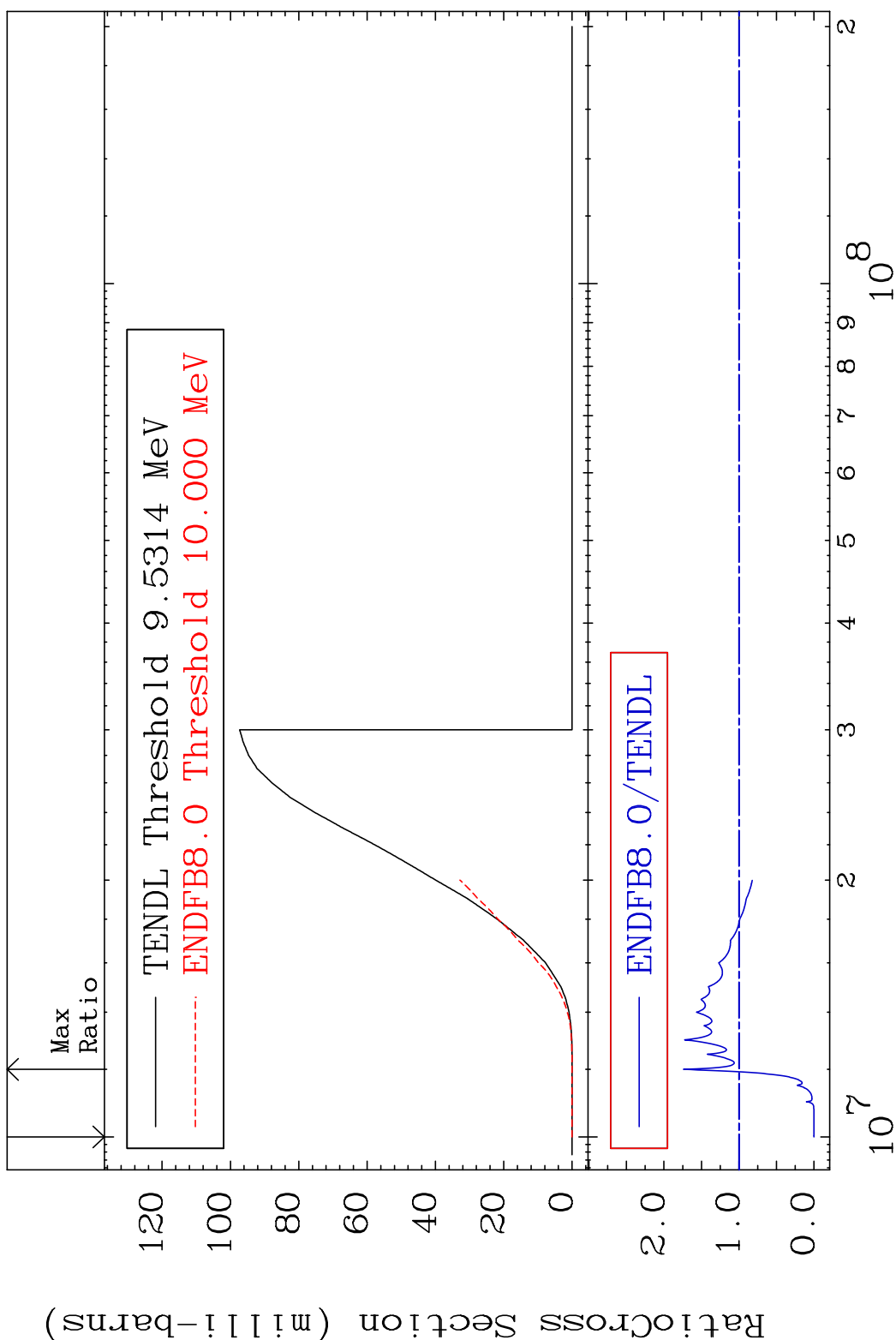
38-Sr-87

MAT 3834 (n, n') α 38-Sr-87
 Cross Section -100.0 To 9999. %



5 38-Sr-87

MAT 3834 (n, n') p 38-Sr-87
 Cross Section -100.0 To 73.99 %



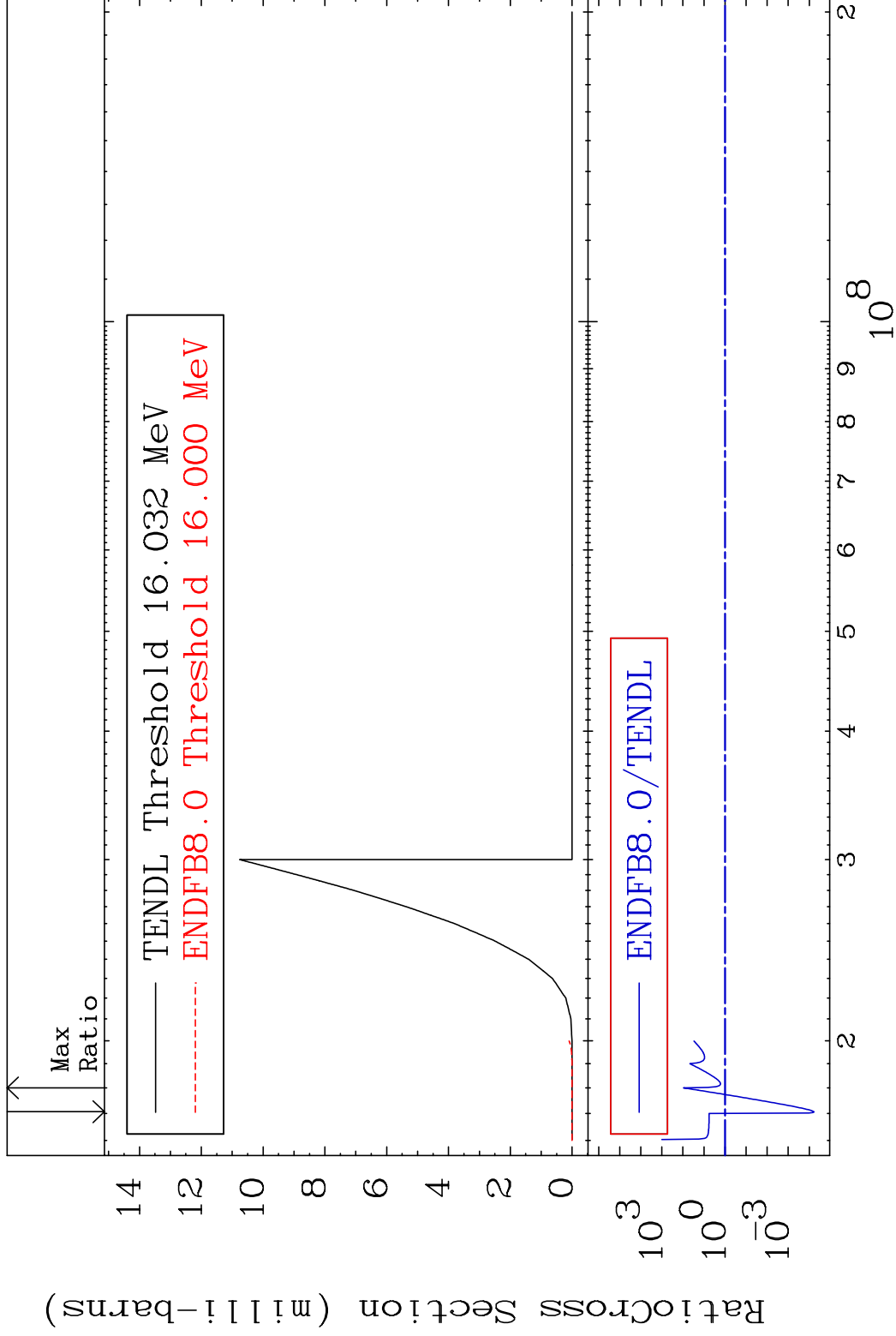
6 Incident Energy (eV) 38-Sr-87

MAT 3834

(n, n') d

38-Sr-87

Cross Section -99.99 To 9315. %

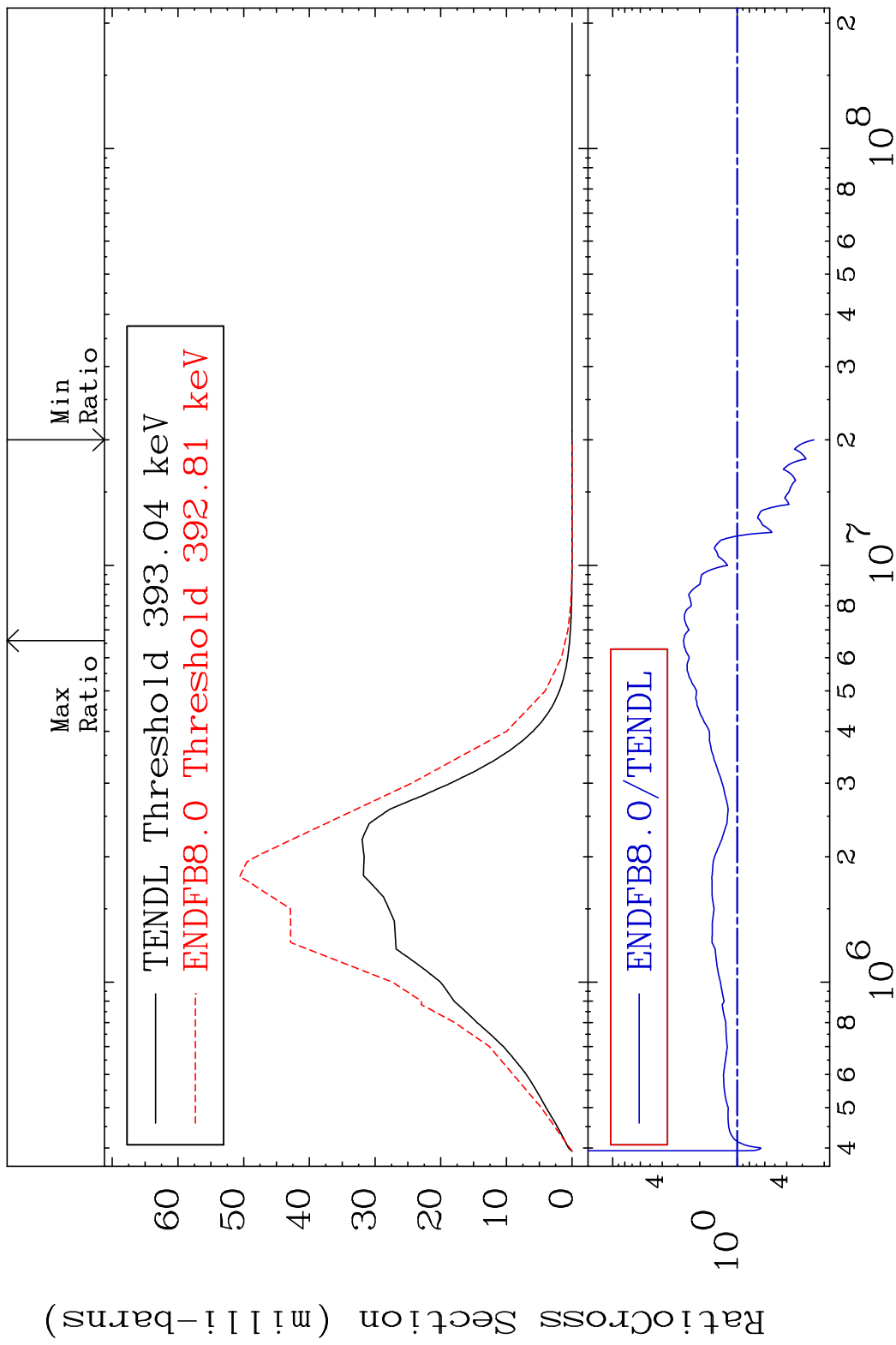


7

Incident Energy (eV)

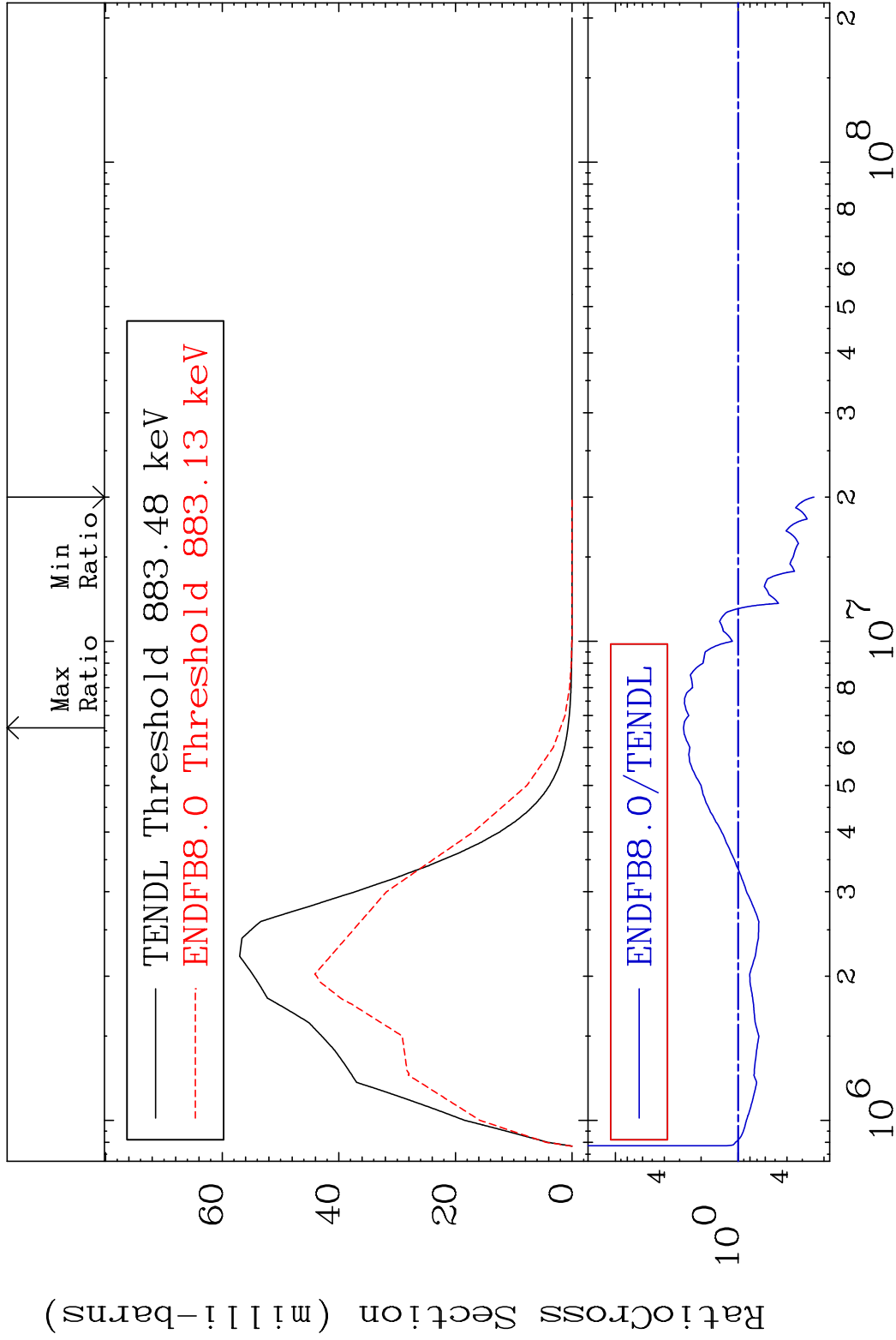
38-Sr-87

MAT 3834 MT= 51 (n, n') Level 38-Sr-87
 Cross Section -75.74 To 170.5 %



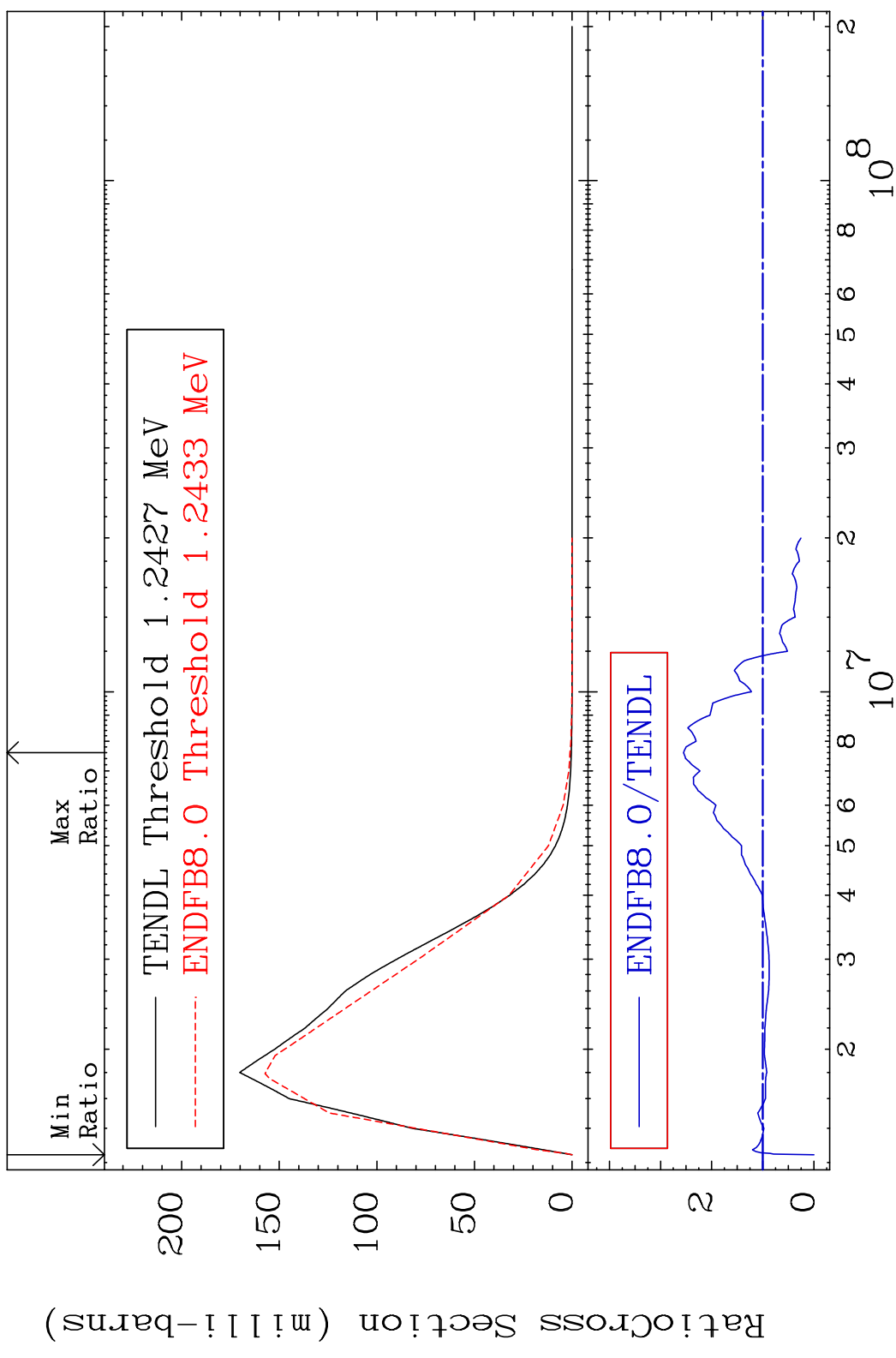
8 Incident Energy (eV) 38-Sr-87

MAT 3834 MT= 52 (n, n') Level 38-Sr-87
 Cross Section -75.83 To 178.8 %



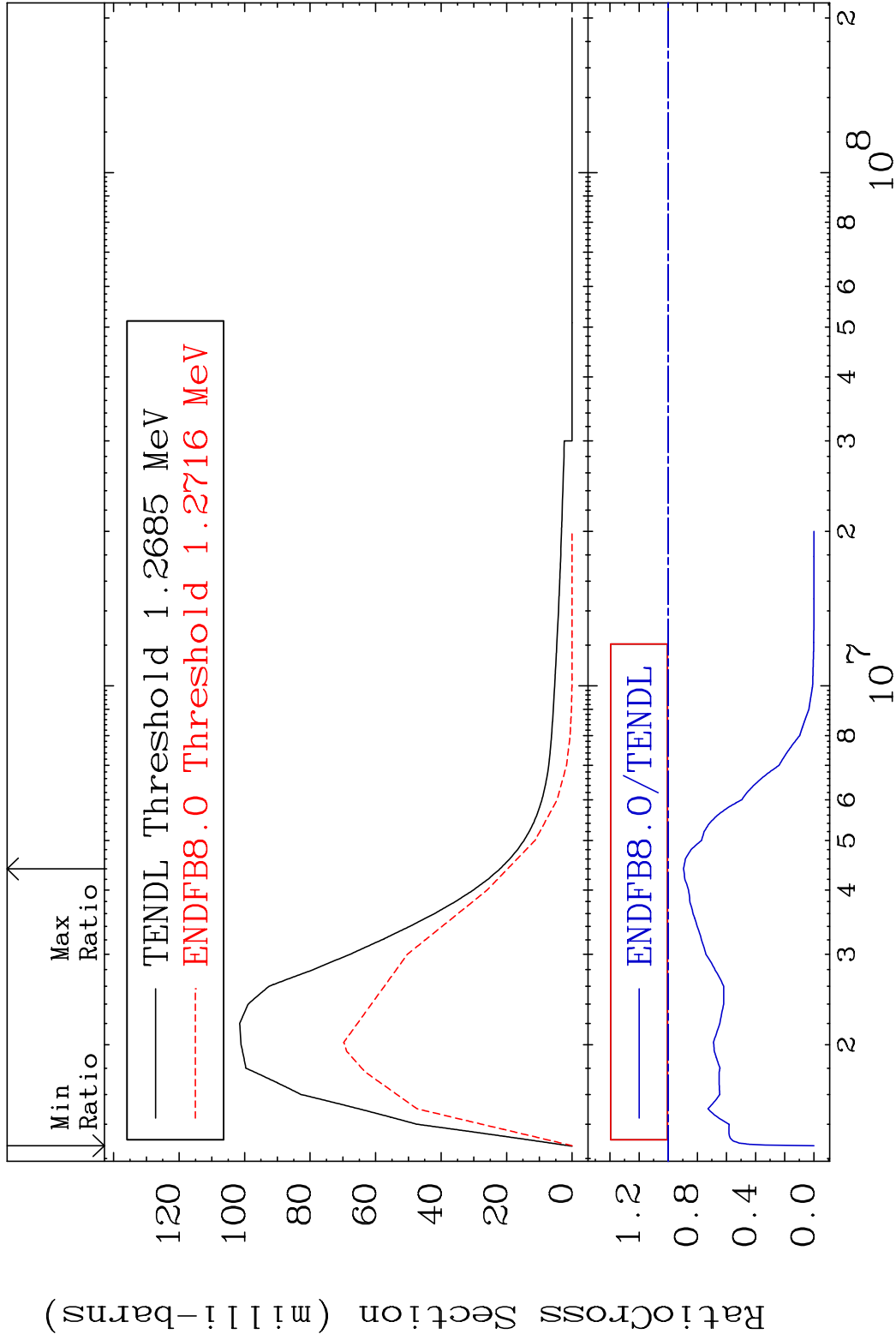
9 Incident Energy (eV) 38-Sr-87

MAT 3834 MT= 53 (n, n') Level 38-Sr-87
 Cross Section -100.0 To 155.2 %



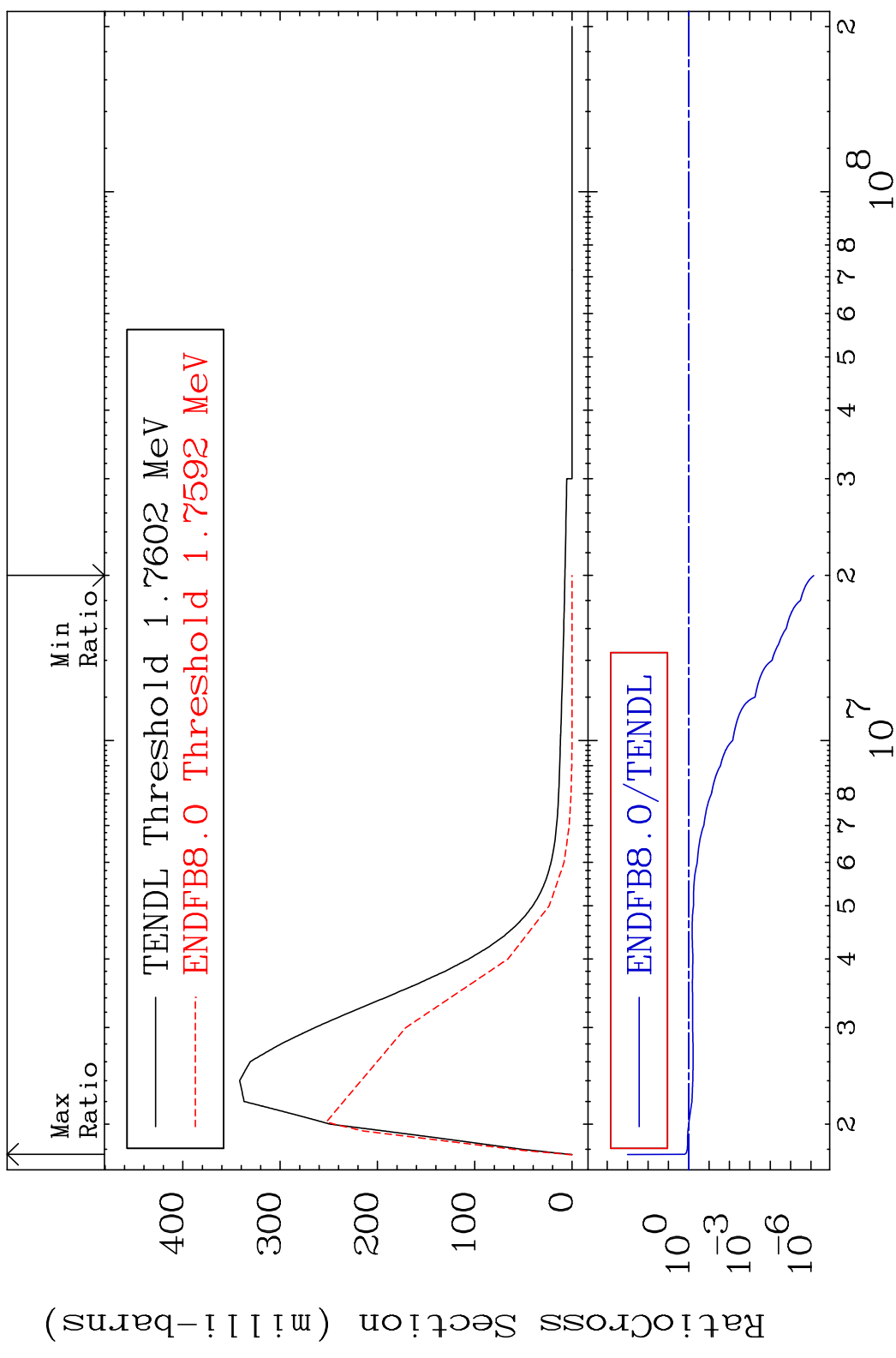
10 Incident Energy (eV) 38-Sr-87

MAT 3834 MT= 54 (n, n') Level 38-Sr-87
 Cross Section -100.0 To -10.47%



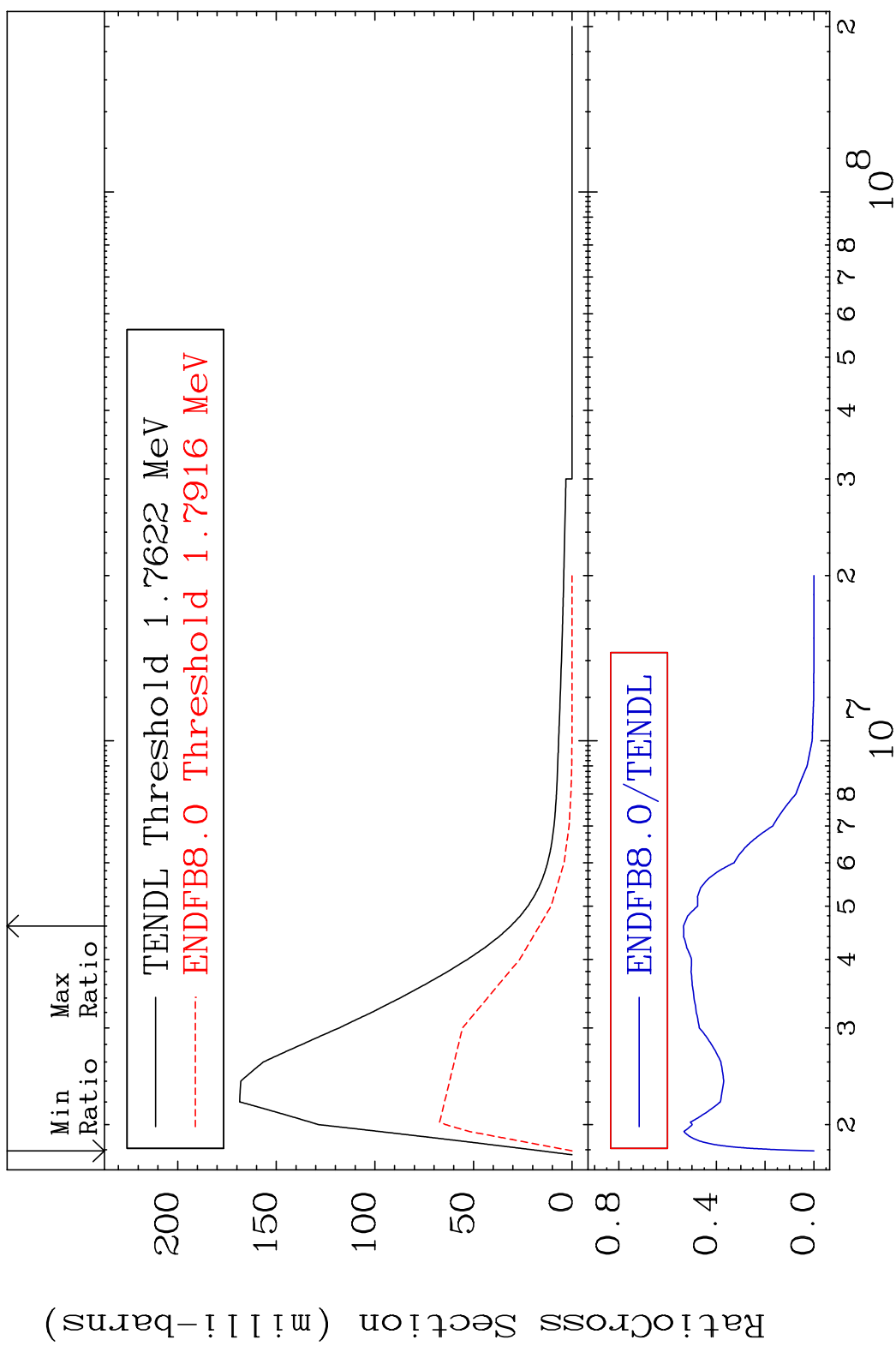
11 Incident Energy (eV) 38-Sr-87

MAT 3834 MT= 55 (n, n') Level 38-Sr-87
 Cross Section -100.0 To 81.50 %



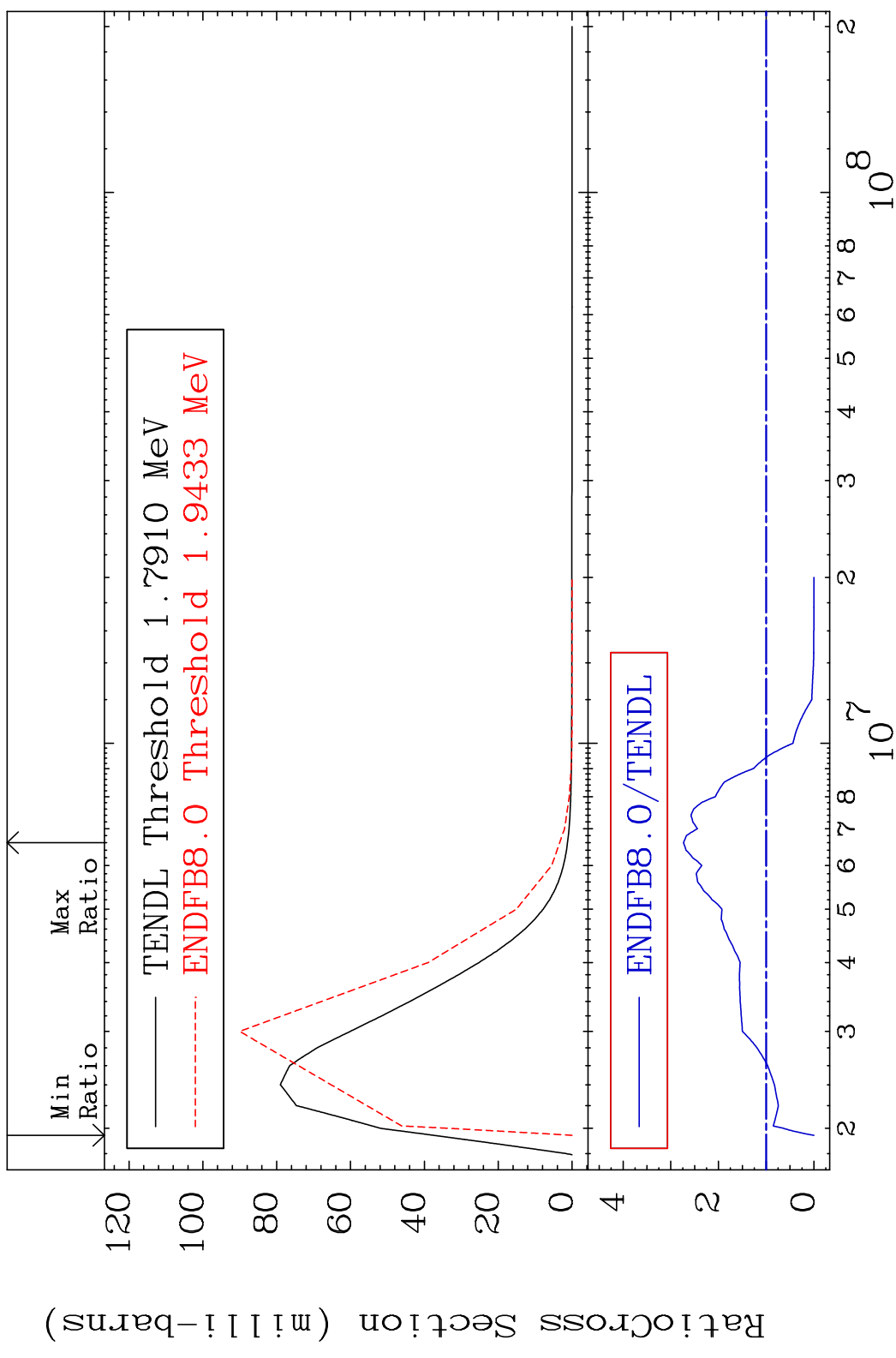
12 Incident Energy (eV) 38-Sr-87

MAT 3834 MT= 56 (n, n') Level 38-Sr-87
 Cross Section -100.0 To -46.48%



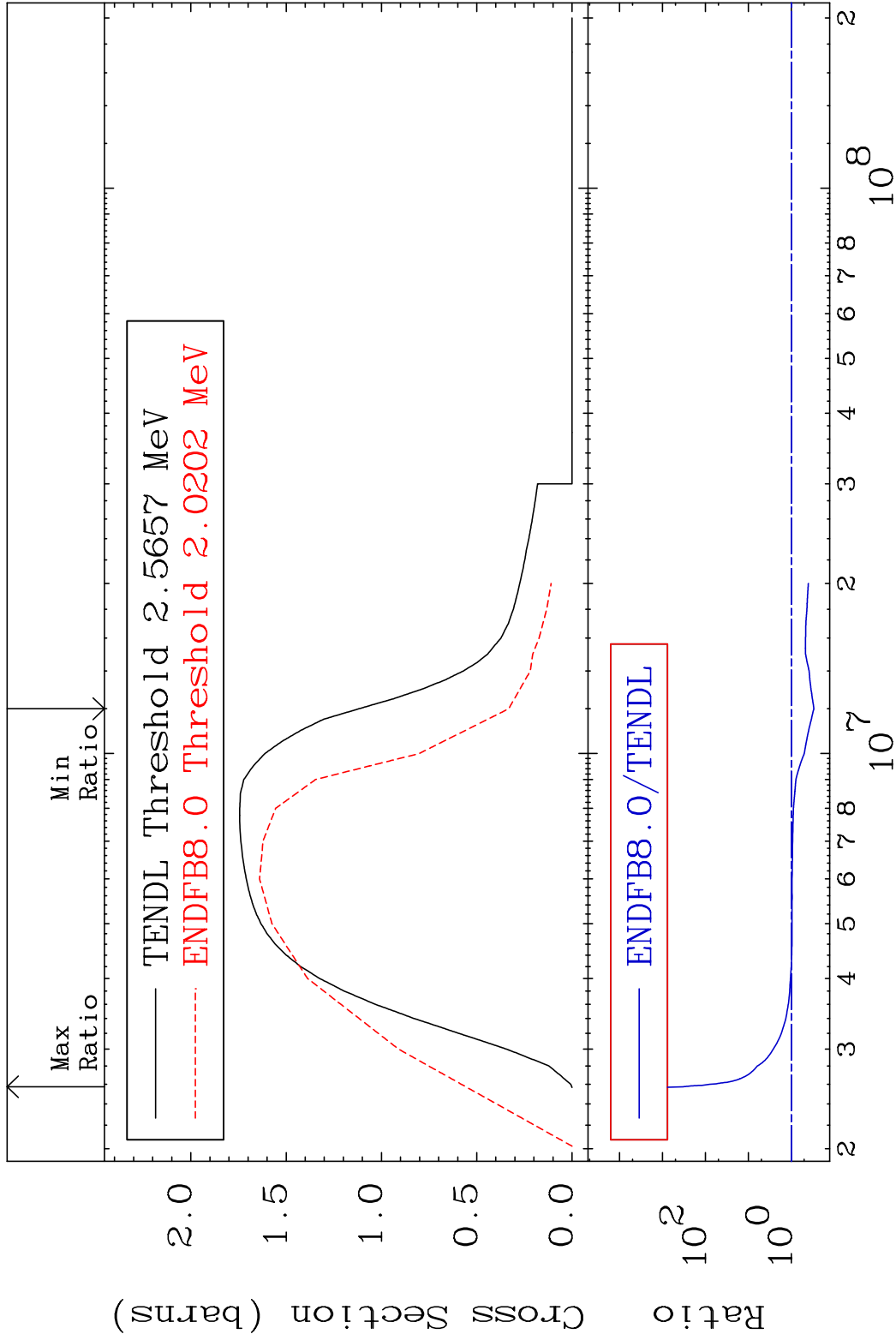
13 Incident Energy (eV) 38-Sr-87

MAT 3834 MT= 57 (n, n') Level 38-Sr-87
 Cross Section -100.0 To 173.4 %



14 Incident Energy (eV) 38-Sr-87

MAT 3834 (n, n') Continuum 38-Sr-87
 Cross Section -70.25 To 9999. %



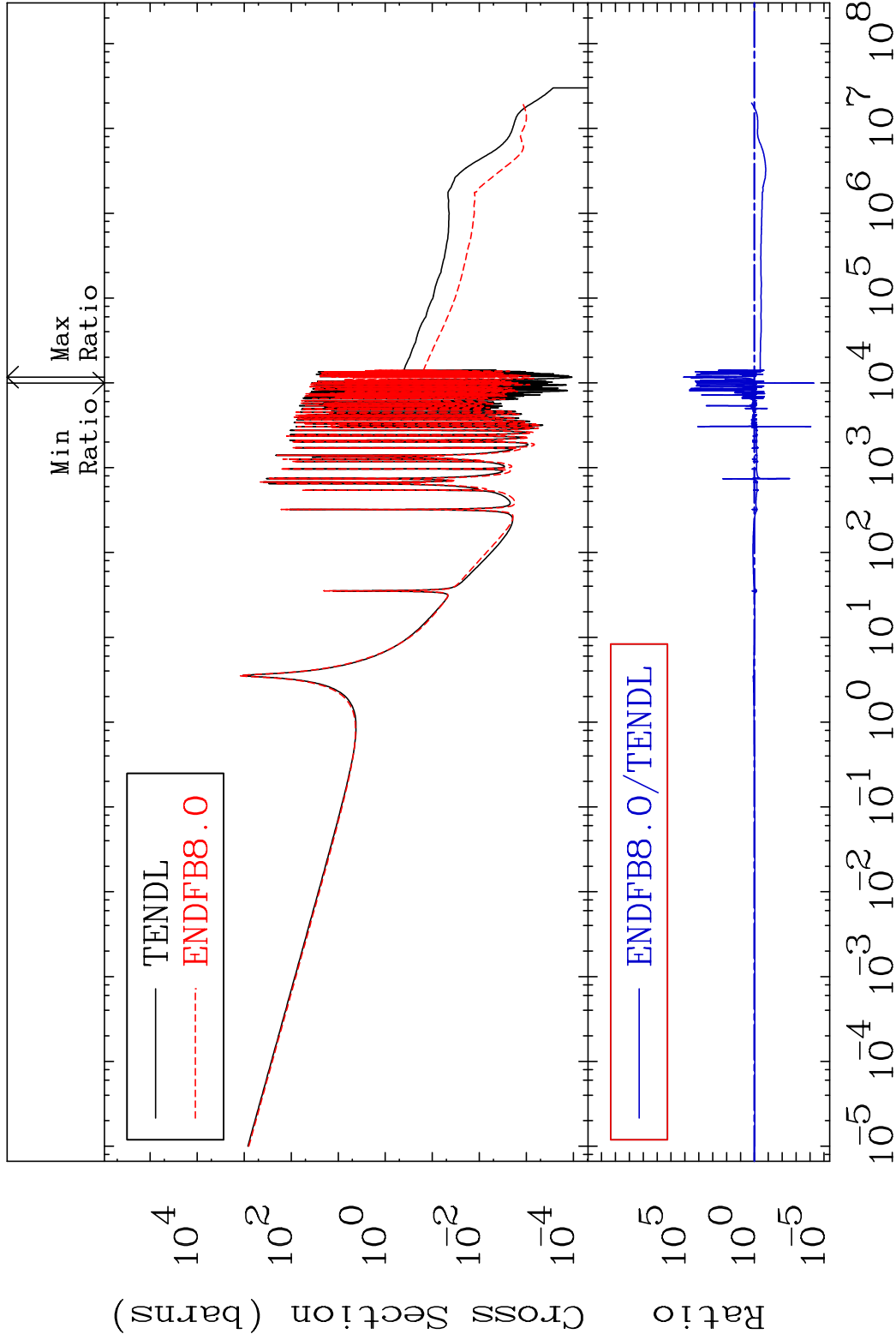
15 Incident Energy (eV) 38-Sr-87

MAT 3834

(n, γ)

38-Sr-87

Cross Section -99.99 To 9999. %

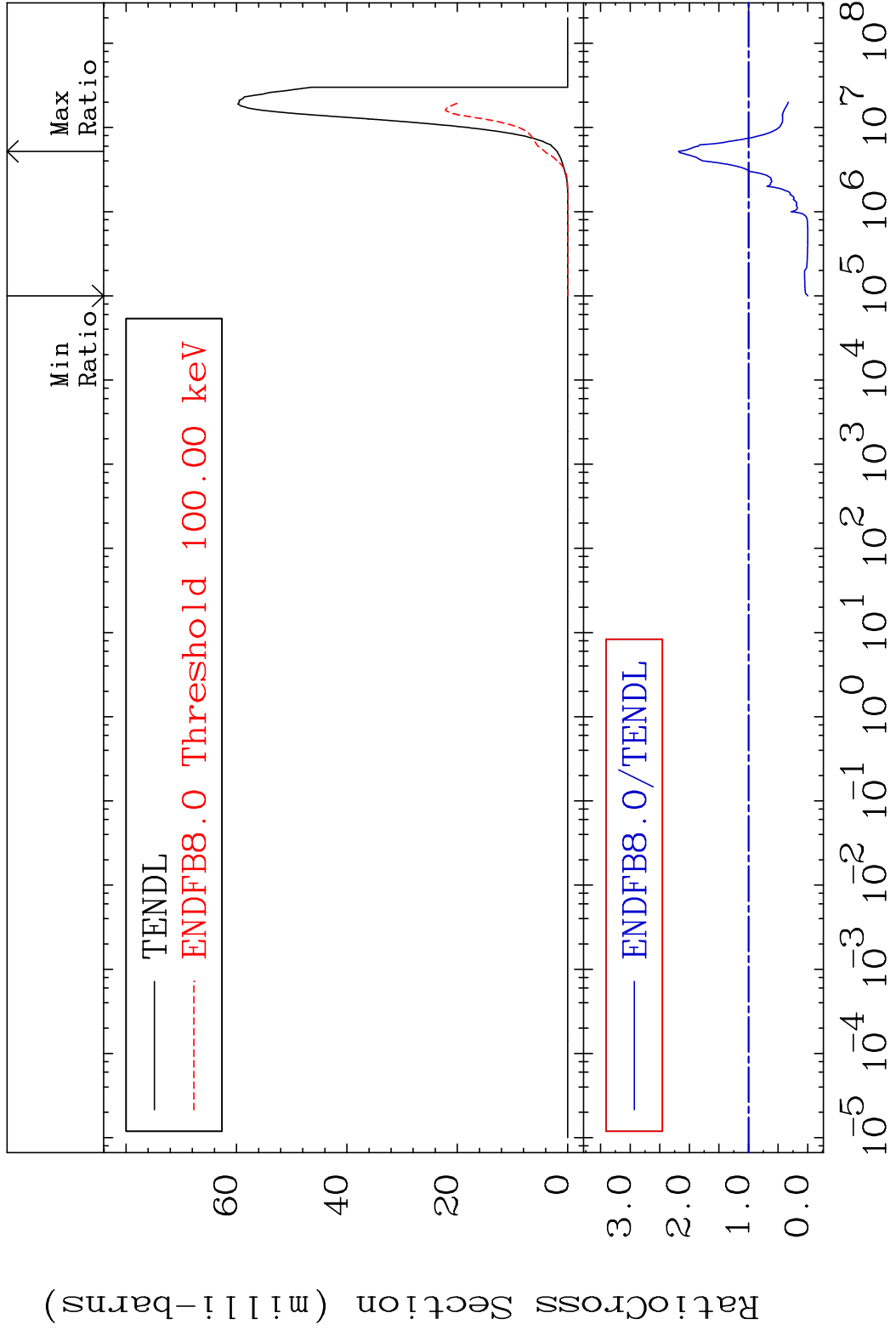


16

Incident Energy (eV)

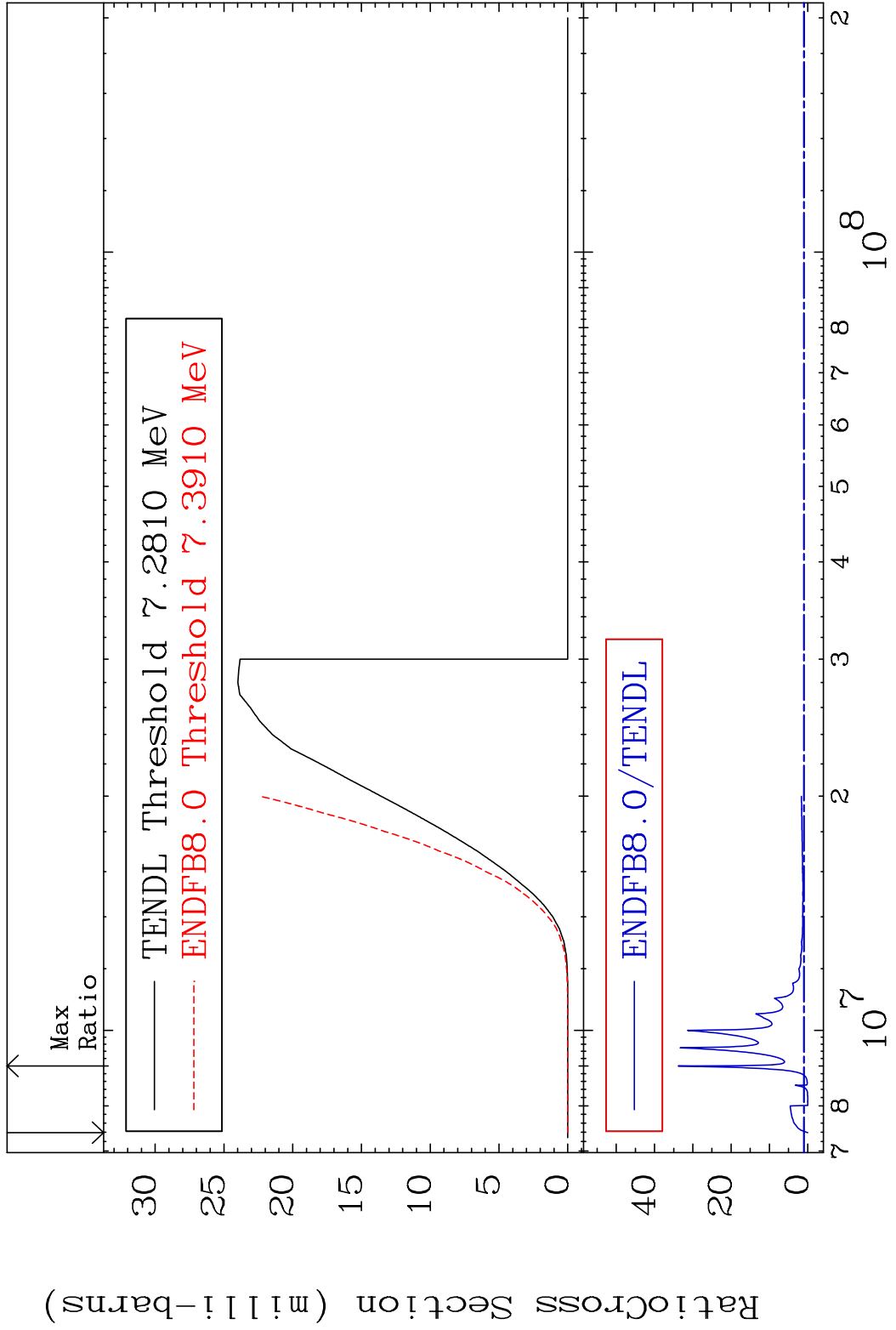
38-Sr-87

MAT 3834 (n, p) 38-Sr-87
Cross Section -100.0 To 118.7 %



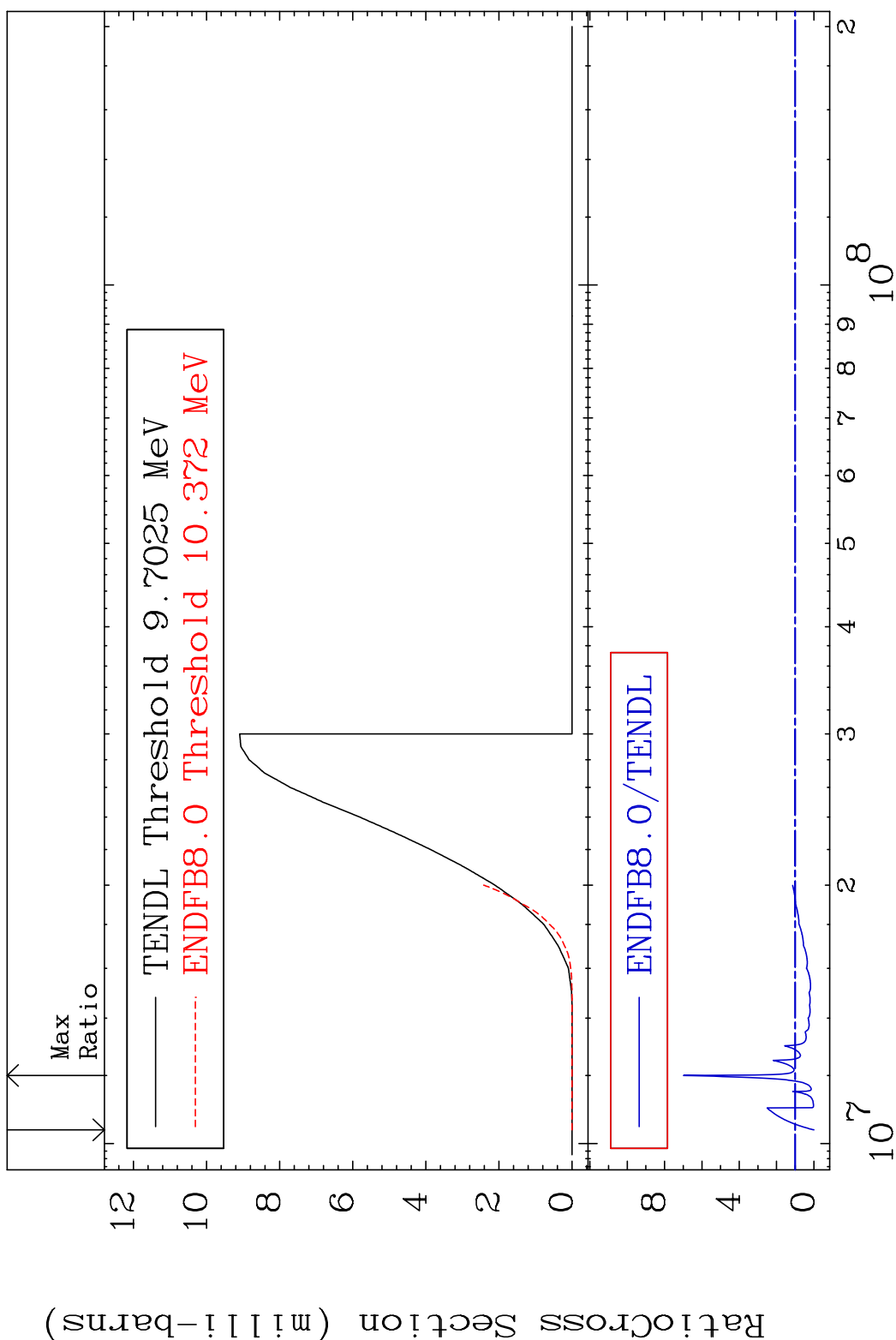
17 38-Sr-87

MAT 3834 (n, d) 38-Sr-87
 Cross Section -100.0 To 3280. %



18 38-Sr-87

MAT 3834 (n, t) 38-Sr-87
 Cross Section -100.0 To 598.8 %



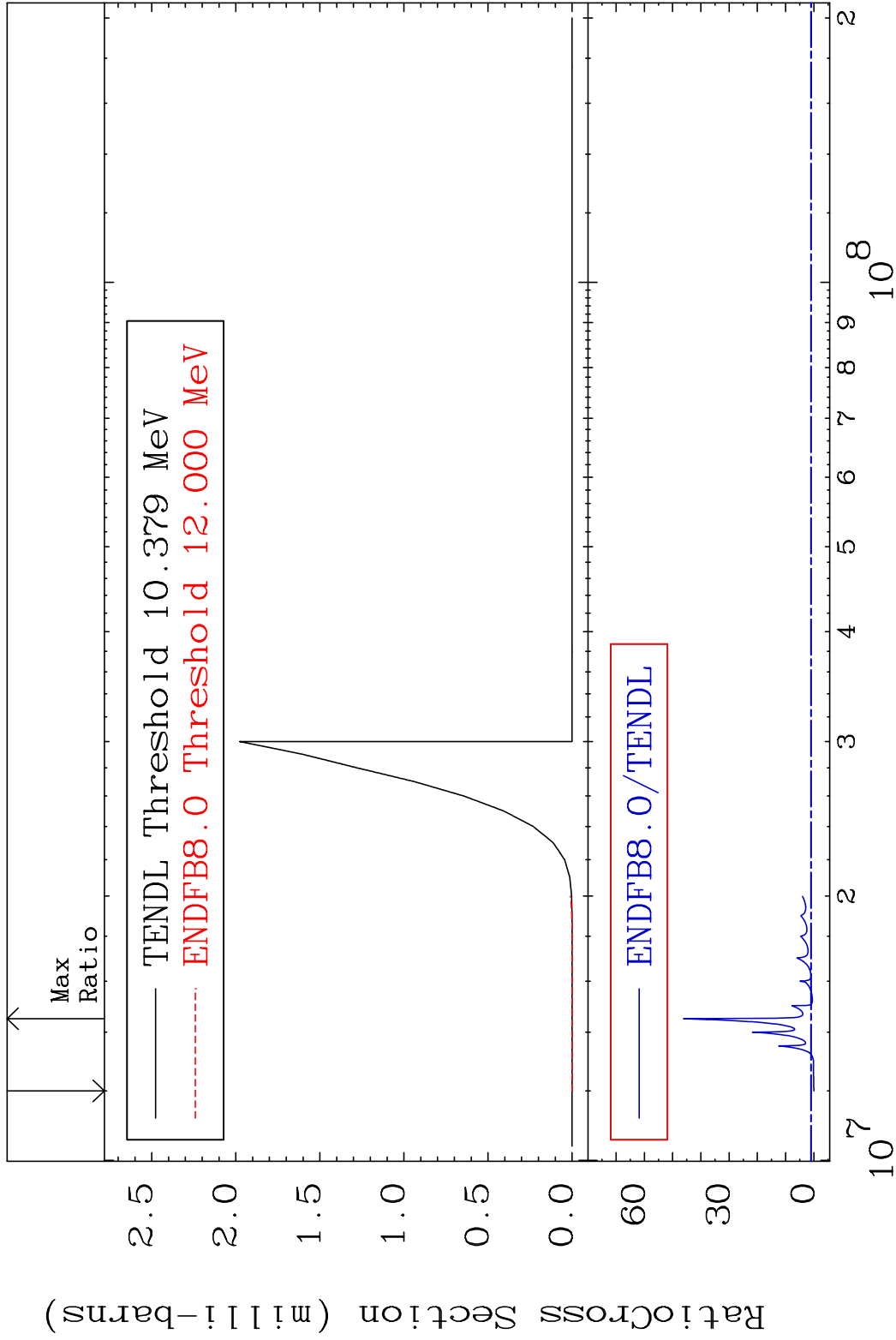
19 Incident Energy (eV) 38-Sr-87

MAT 3834

(n, He-3)

38-Sr-87

Cross Section -100.0 To 4516. %



20

Incident Energy (eV)

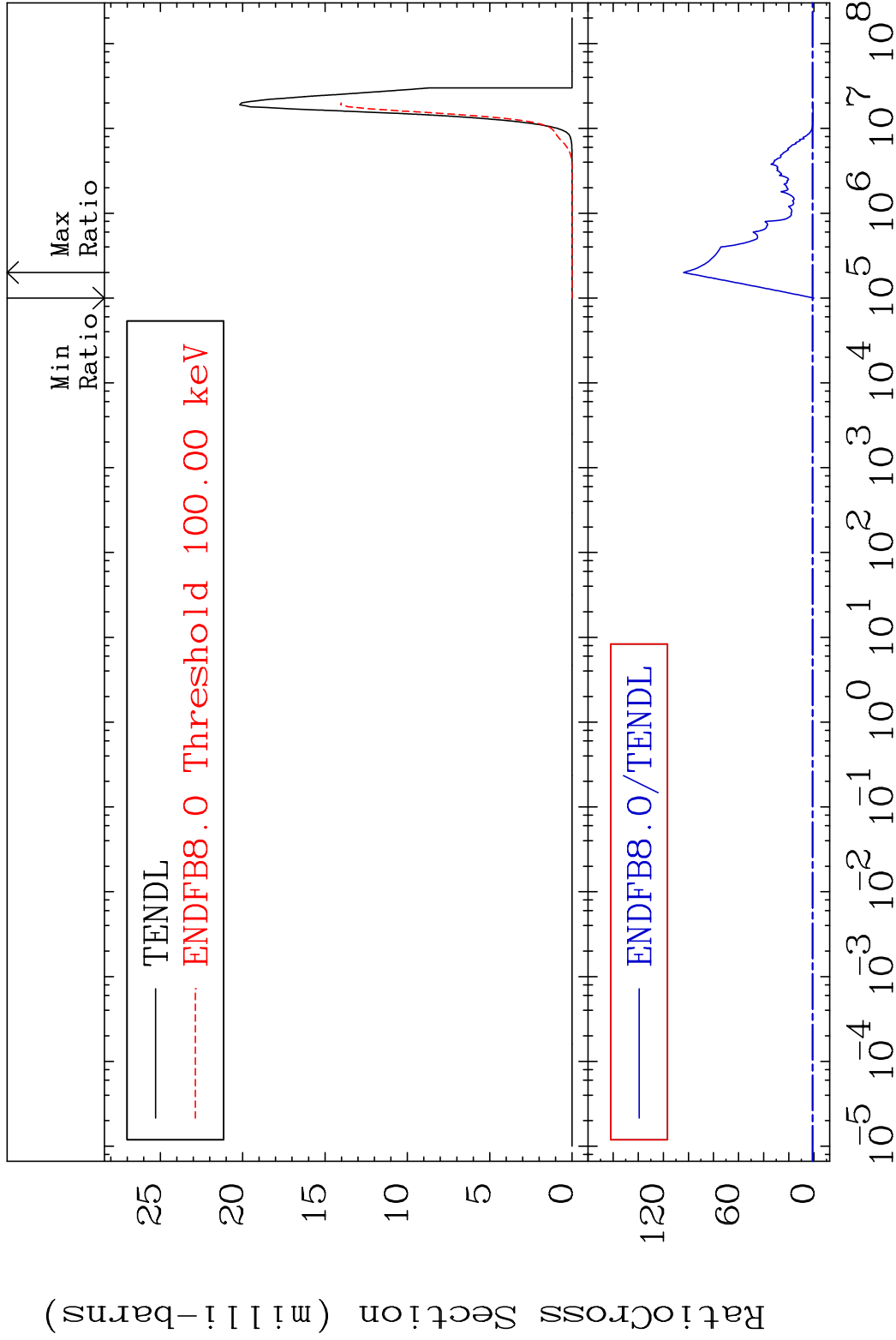
38-Sr-87

MAT 3834

(n, α)

38-Sr-87

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

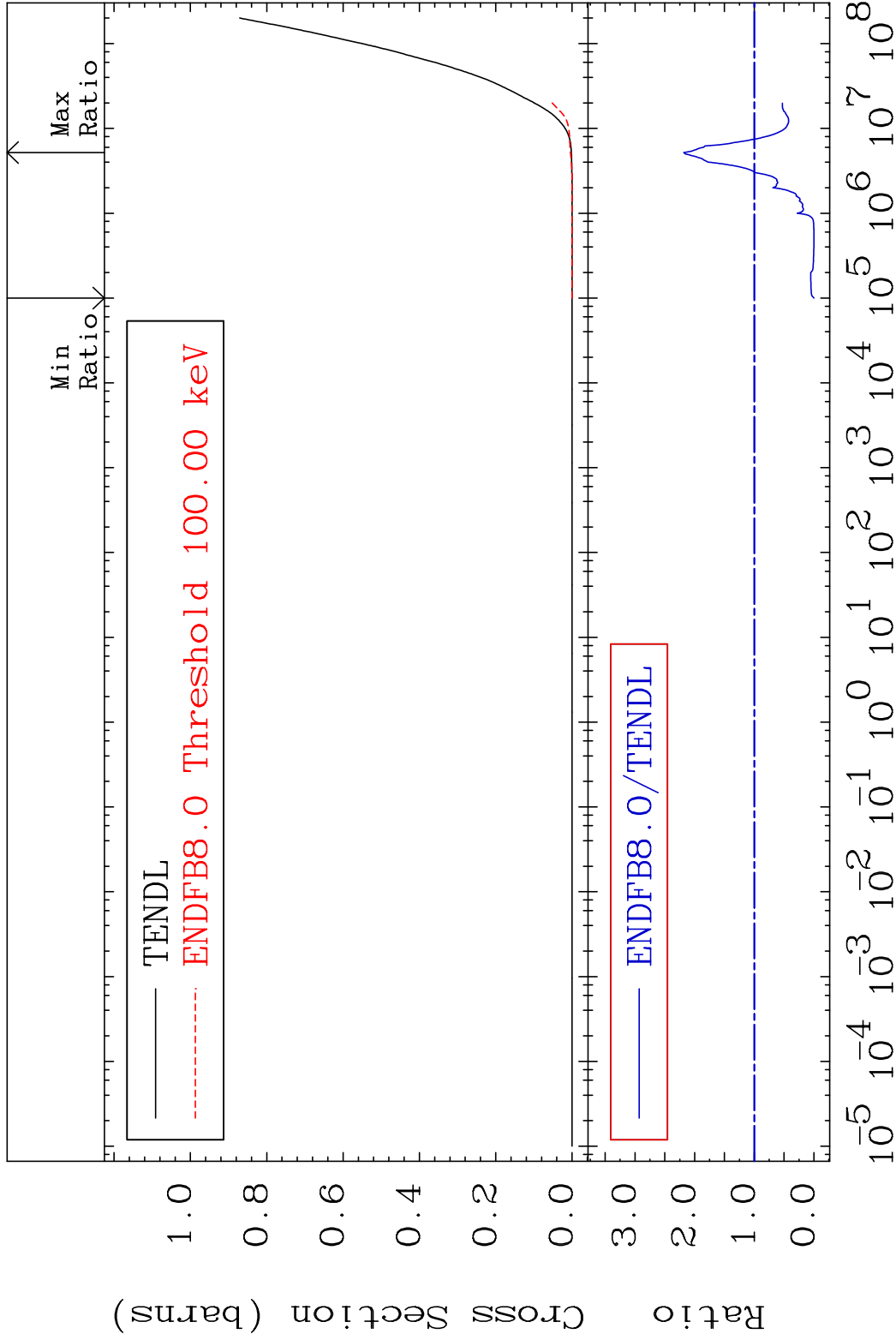
38-Sr-87

MAT 3834

Hydrogen Production

38-Sr-87

Cross Section -100.0 To 118.7 %

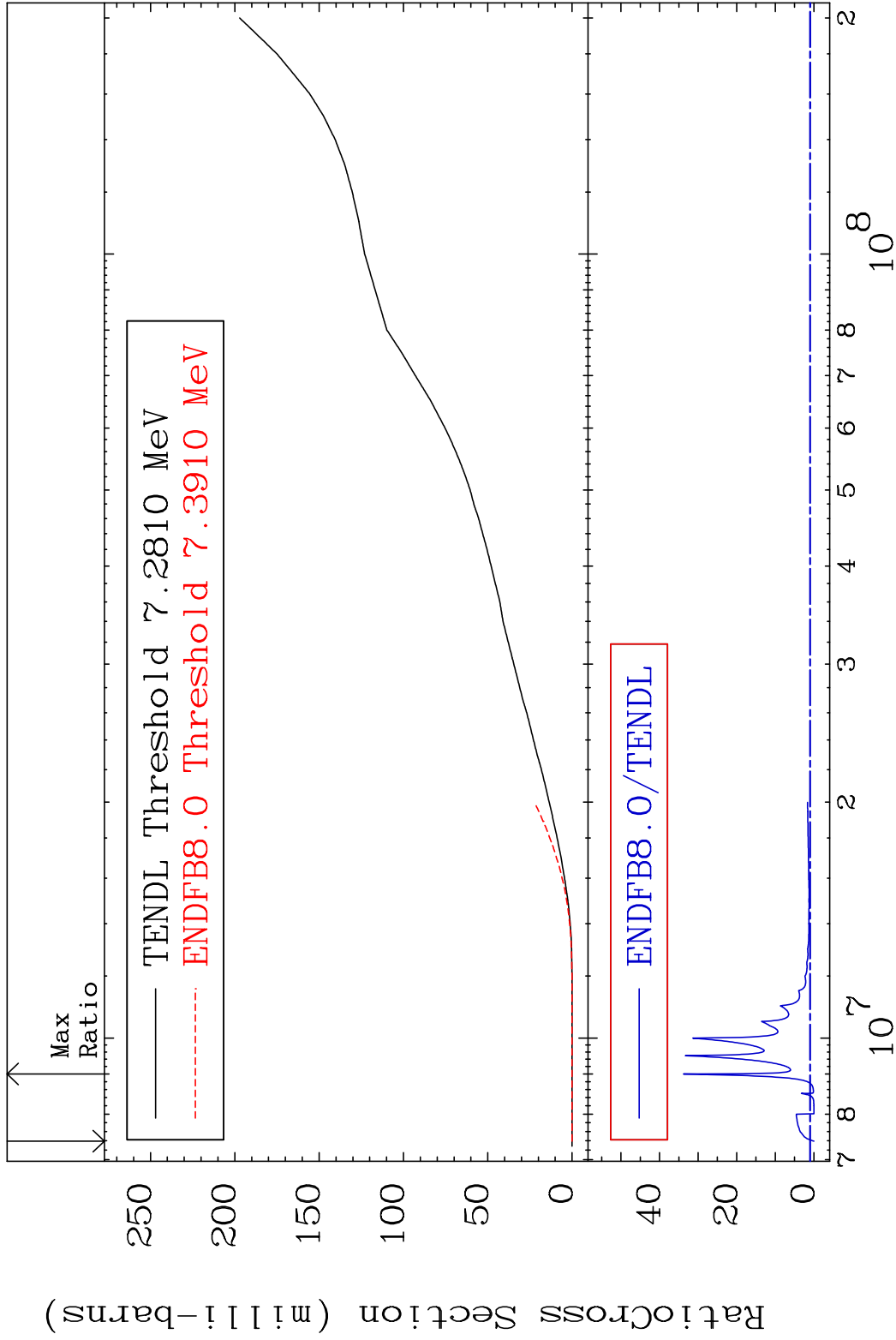


22

Incident Energy (eV)

38-Sr-87

MAT 3834 Deuterium Production 38-Sr-87
 Cross Section -100.0 To 3280. %



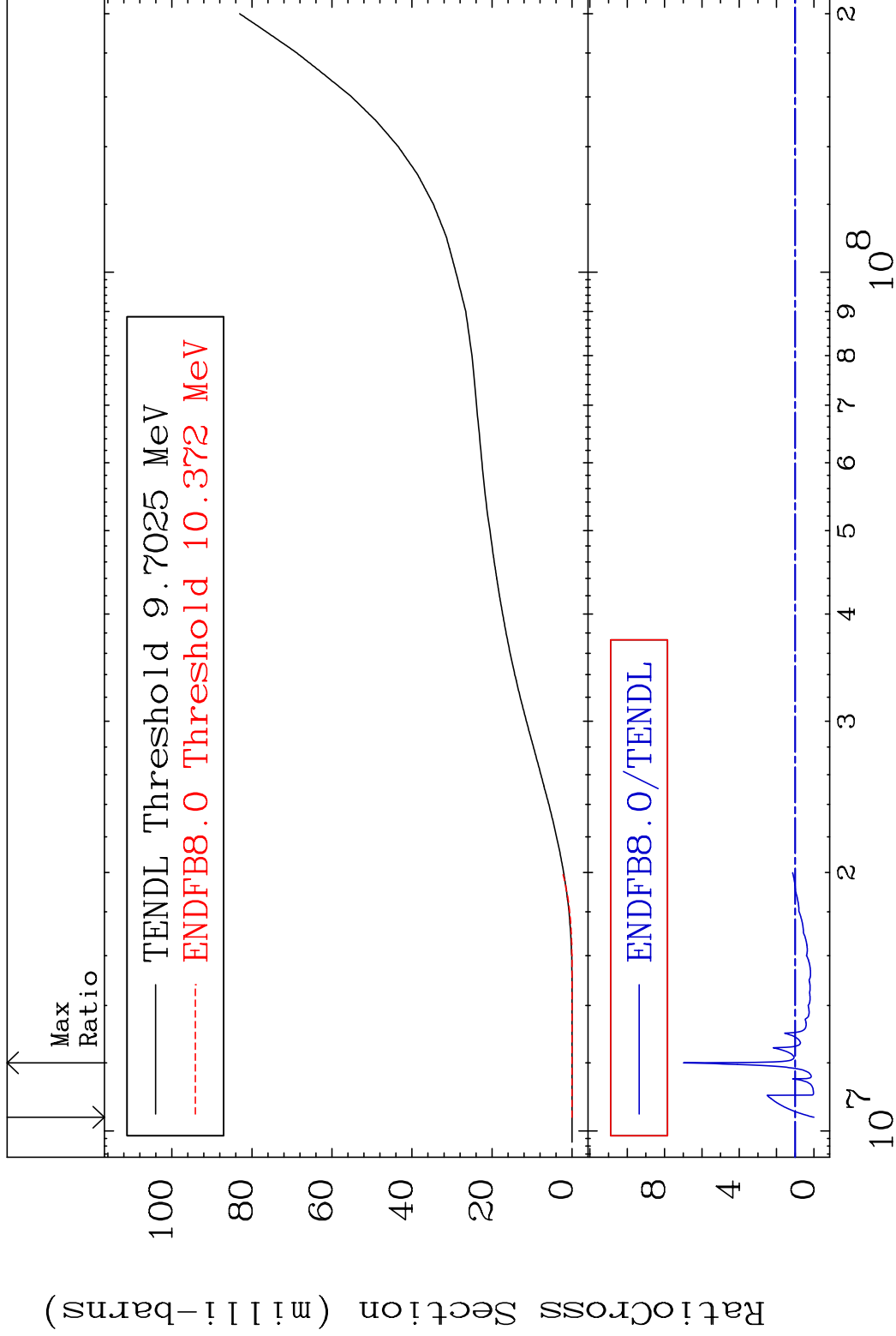
23 38-Sr-87

MAT 3834

Tritium Production

³⁸Sr-87

Cross Section -100.0 To 598.8 %



24

Incident Energy (eV)

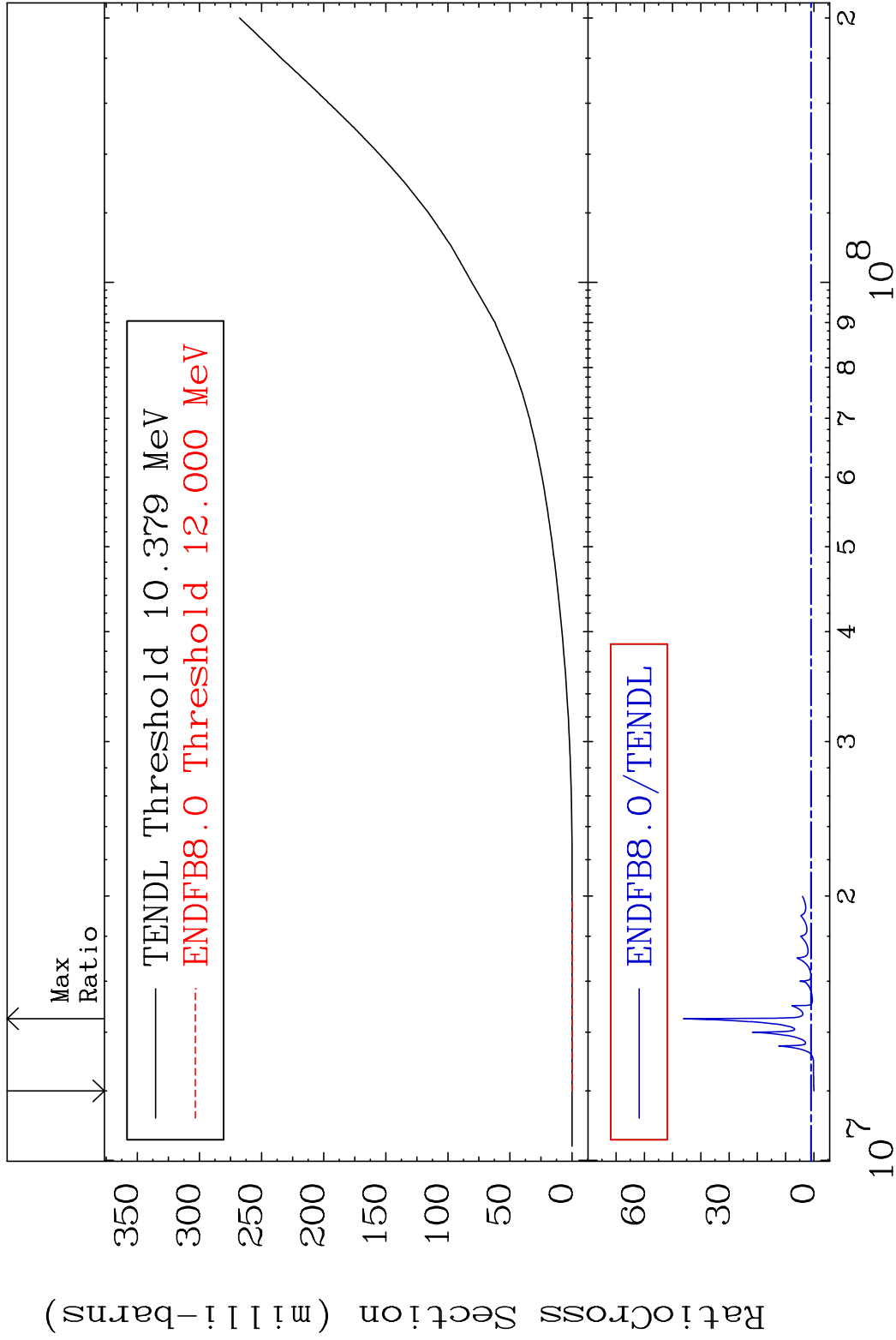
³⁸Sr-87

MAT 3834

He-3 Production

38-Sr-87

Cross Section -100.0 To 4516. %



25

Incident Energy (eV)

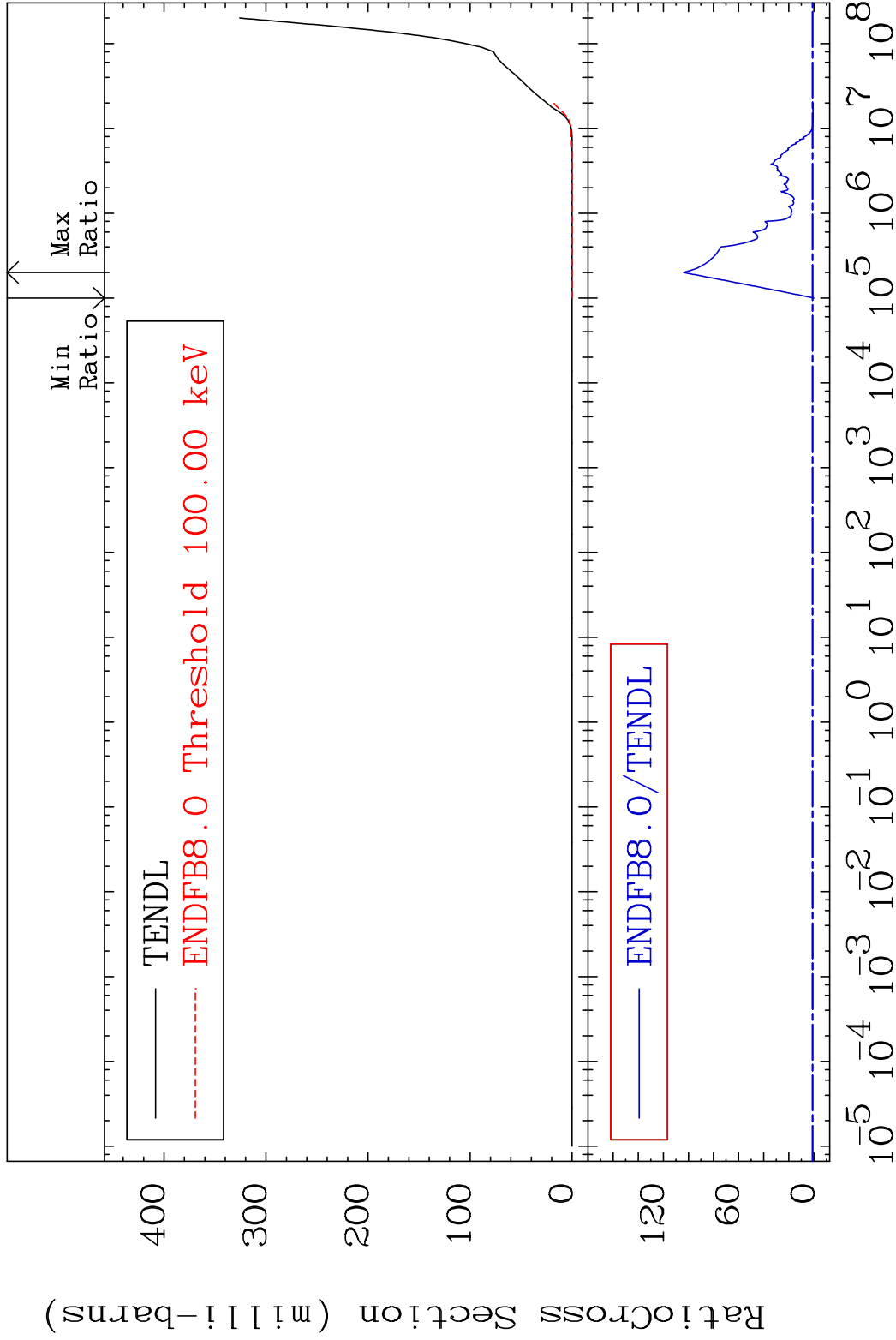
38-Sr-87

MAT 3834

He-4 Production

38-Sr-87

Cross Section -100.0 To 9999. %

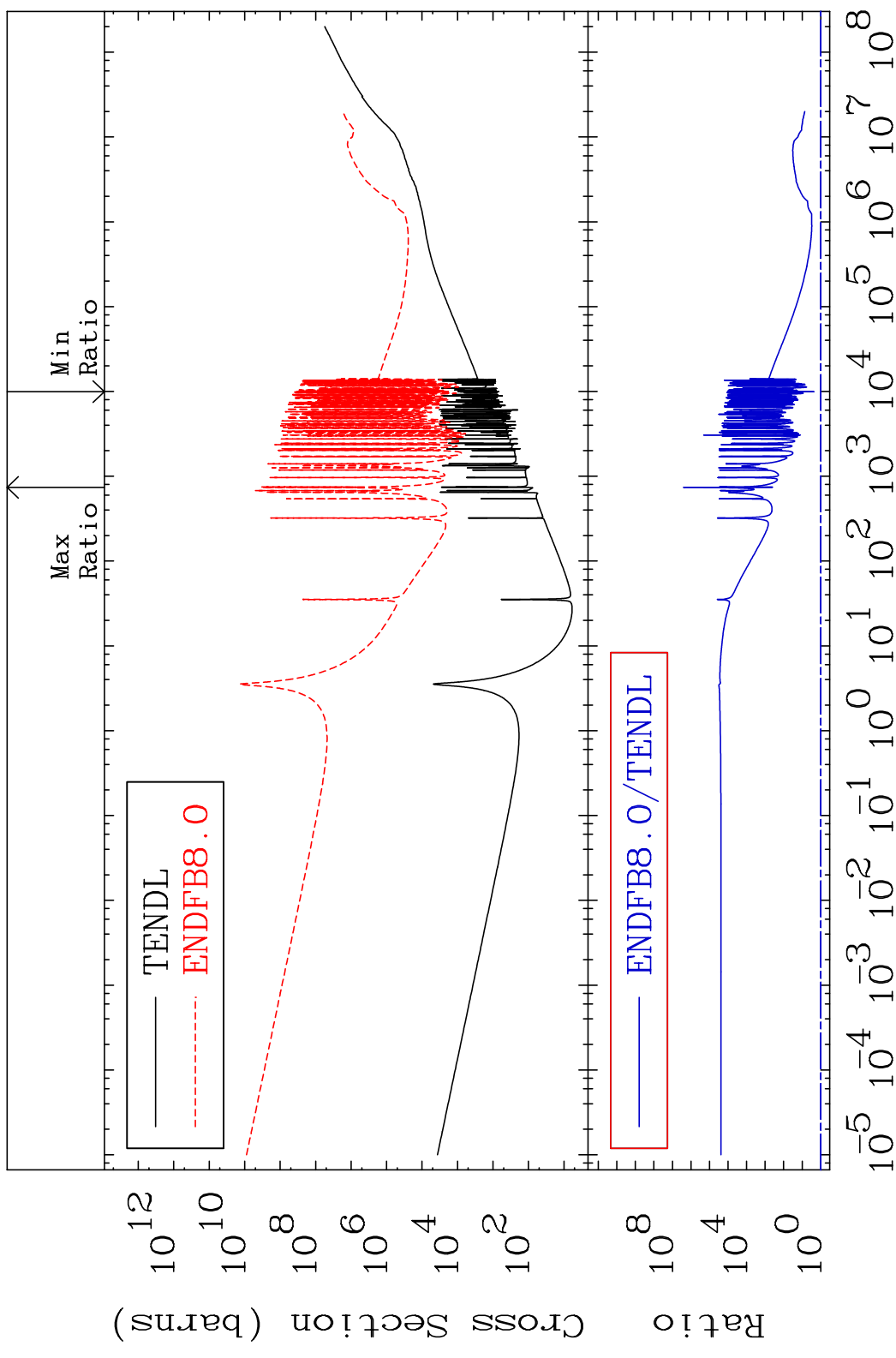


26

Incident Energy (eV)

38-Sr-87

MAT 3834 Kerma total (eV-barns) 38-Sr-87
 Cross Section 134.4 To 9999. %



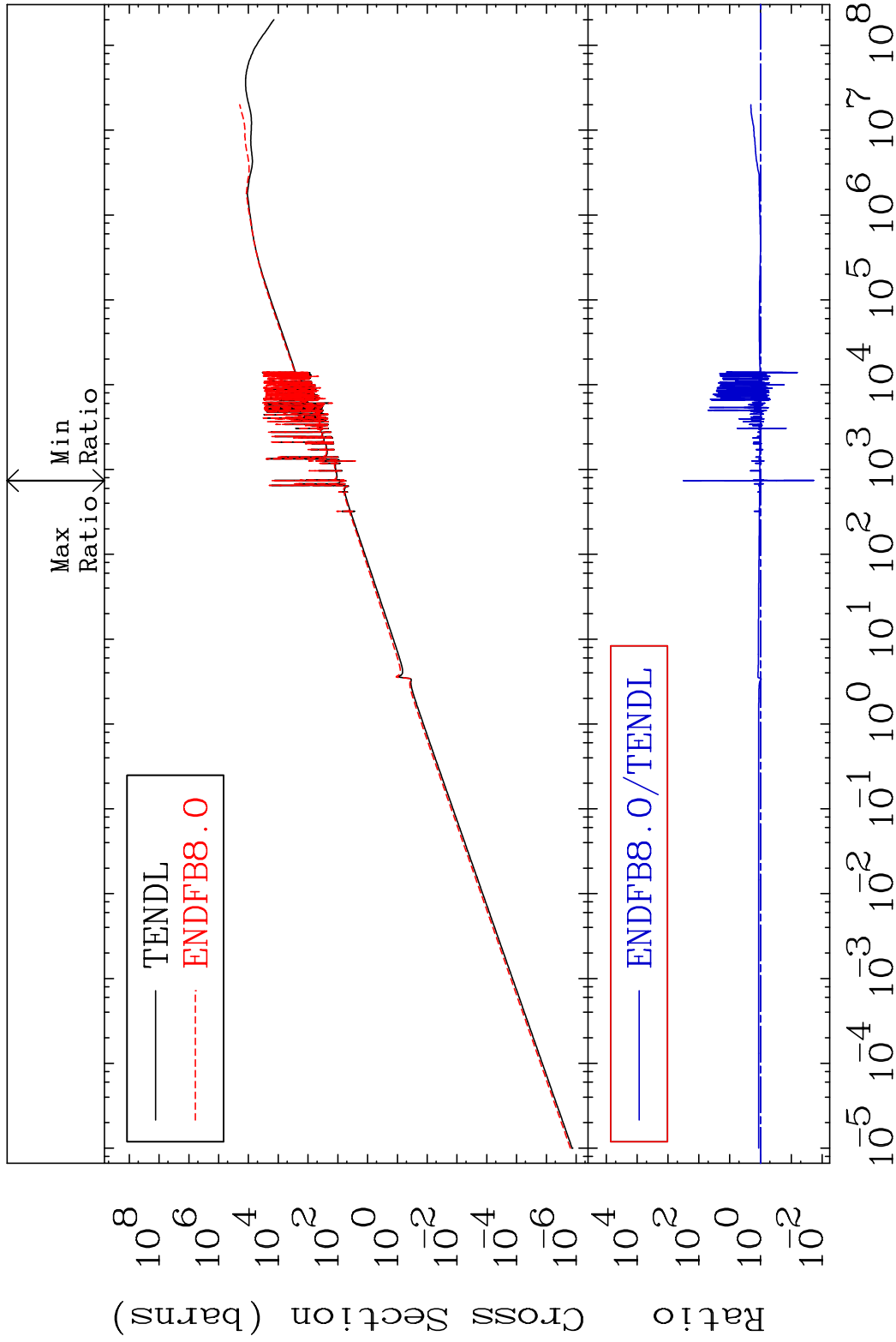
27 Incident Energy (eV) 38-Sr-87

MAT 3834

Kerma elastic

38-Sr-87

Cross Section -98.15 To 9999. %

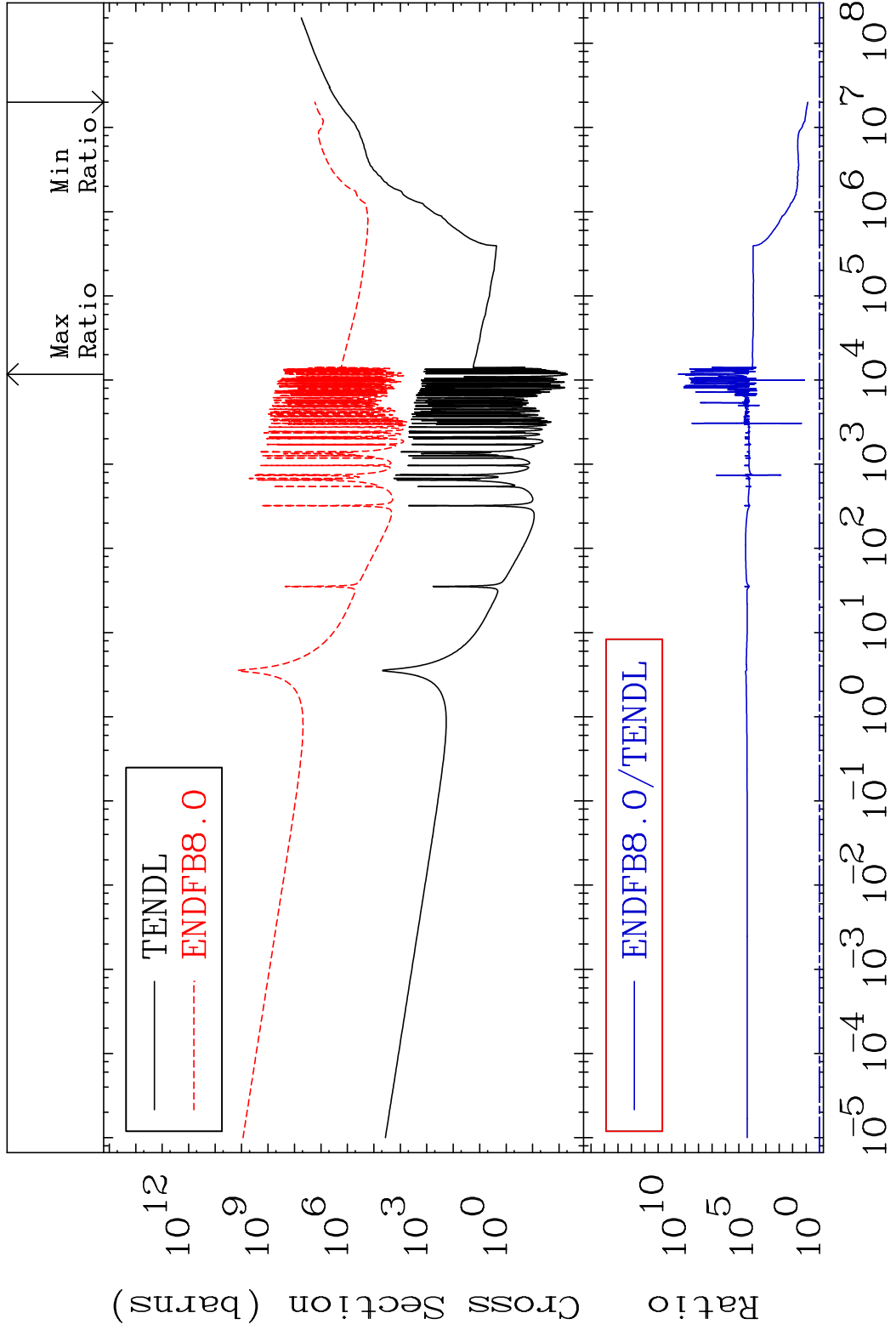


28

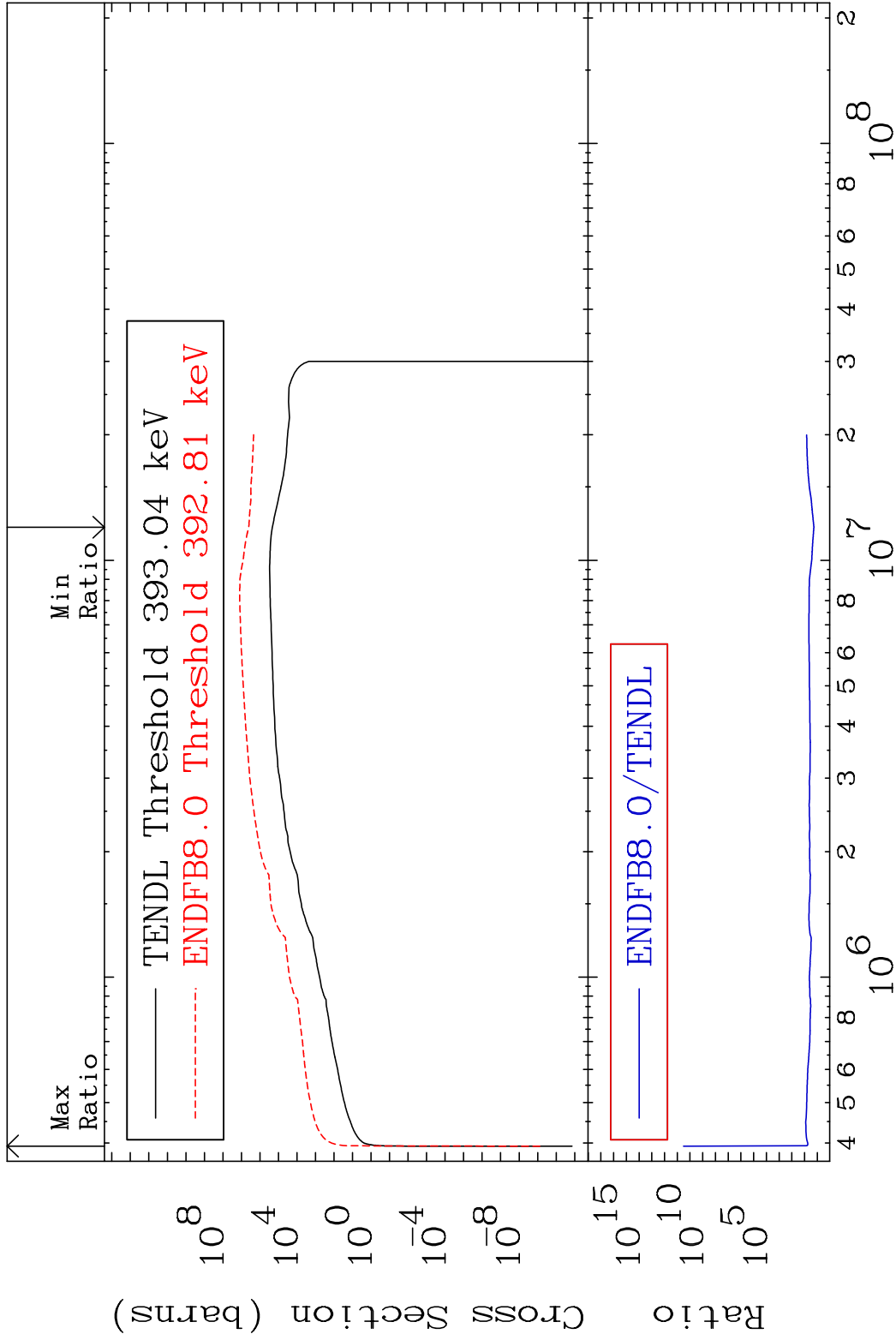
Incident Energy (eV)

38-Sr-87

MAT 3834 Kerma non-elastic (all but mt2) 38-Sr-87
 Cross Section 654.5 To 9999. %

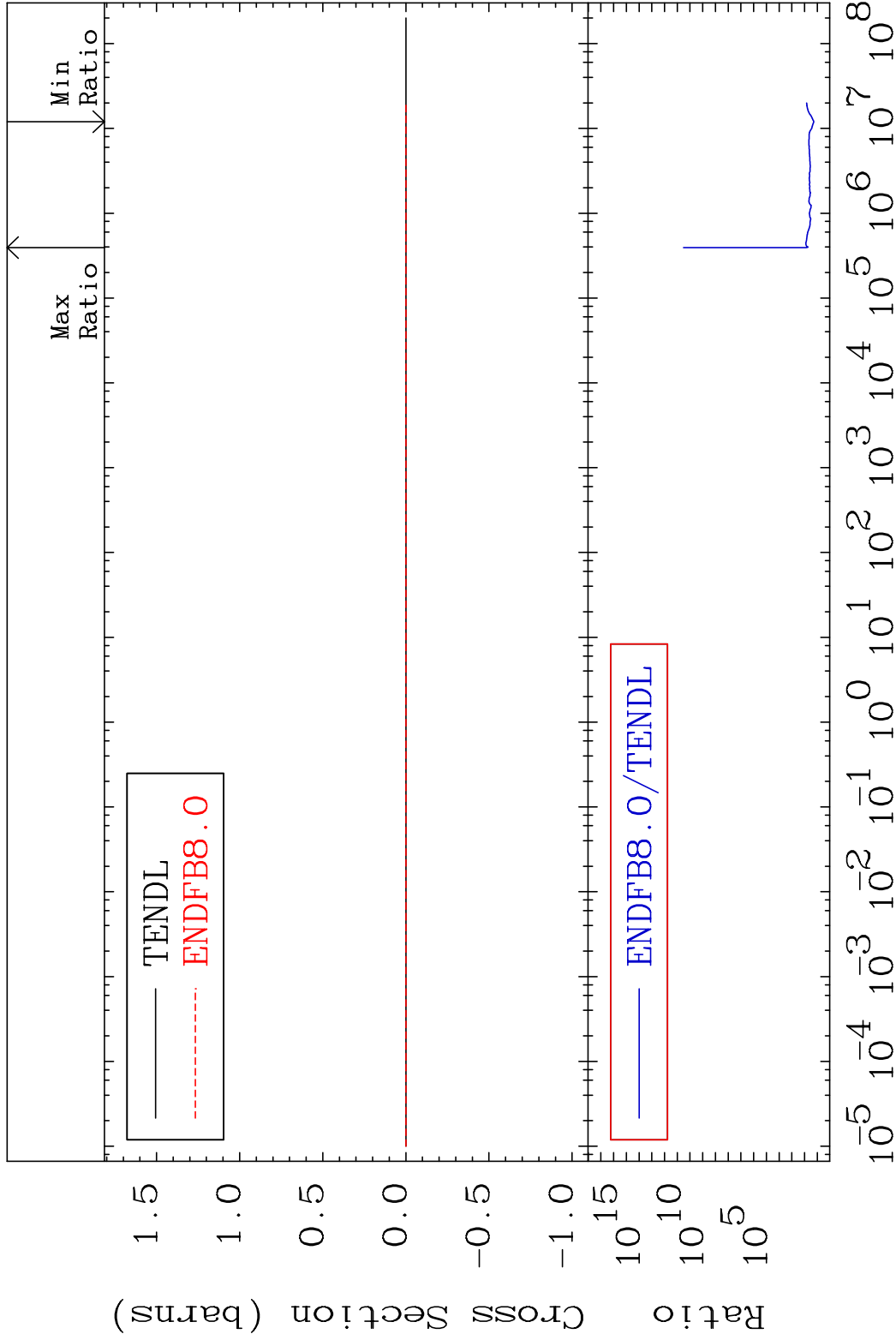


MAT 3834 Kerma inelastic (mt51-91) 38-Sr-87
 Cross Section 1759. To 9999. %

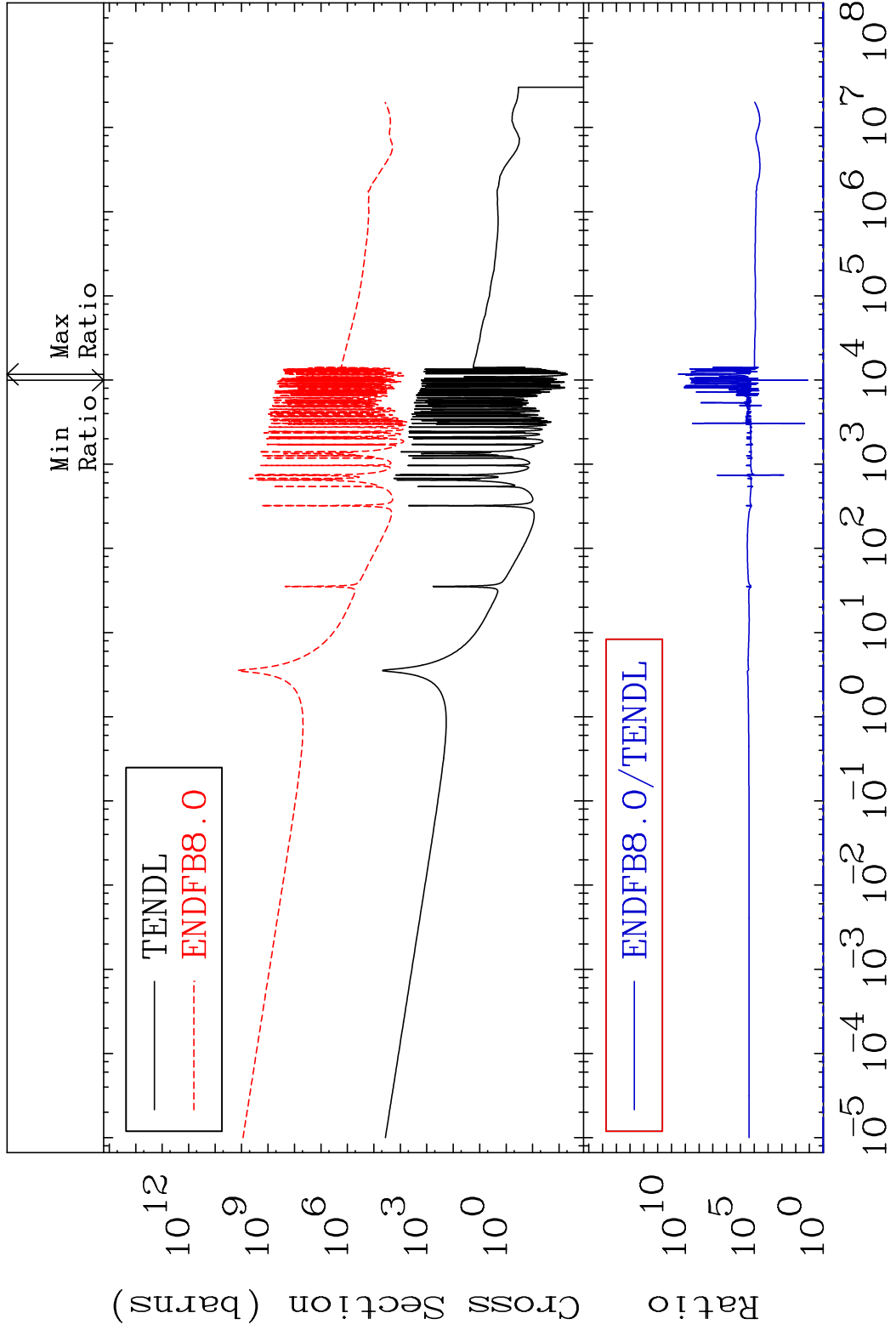


30 Incident Energy (eV) 38-Sr-87

MAT 3834 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-87
 Cross Section 1759. To 9999. %

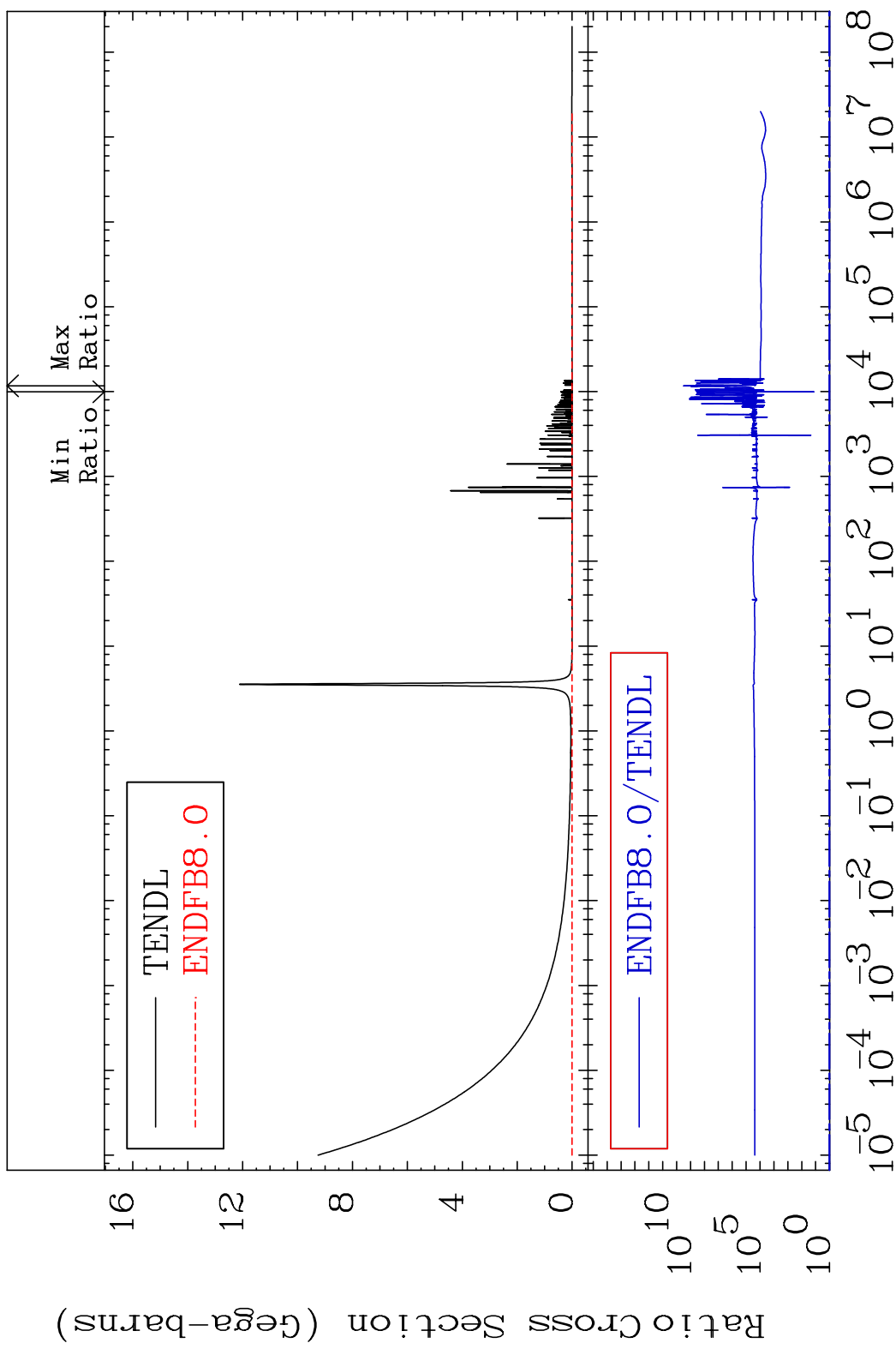


MAT 3834 Kerma capture (mt102) 38-Sr-87
 Cross Section 1235. To 9999. %



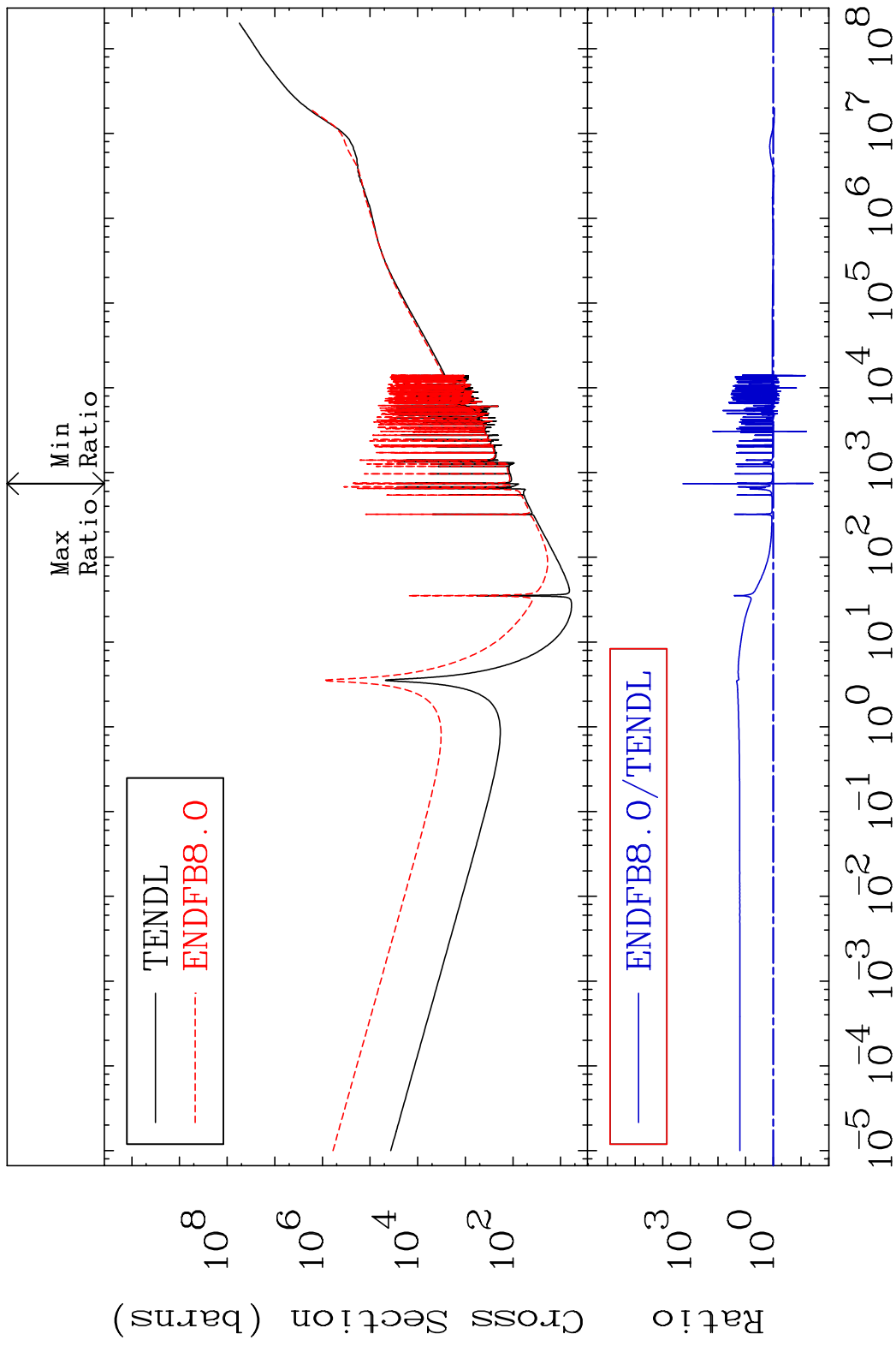
32 Incident Energy (eV) 38-Sr-87

MAT 3834 Total photon (eV-barns) 38-Sr-87
 Cross Section 1235. To 9999. %

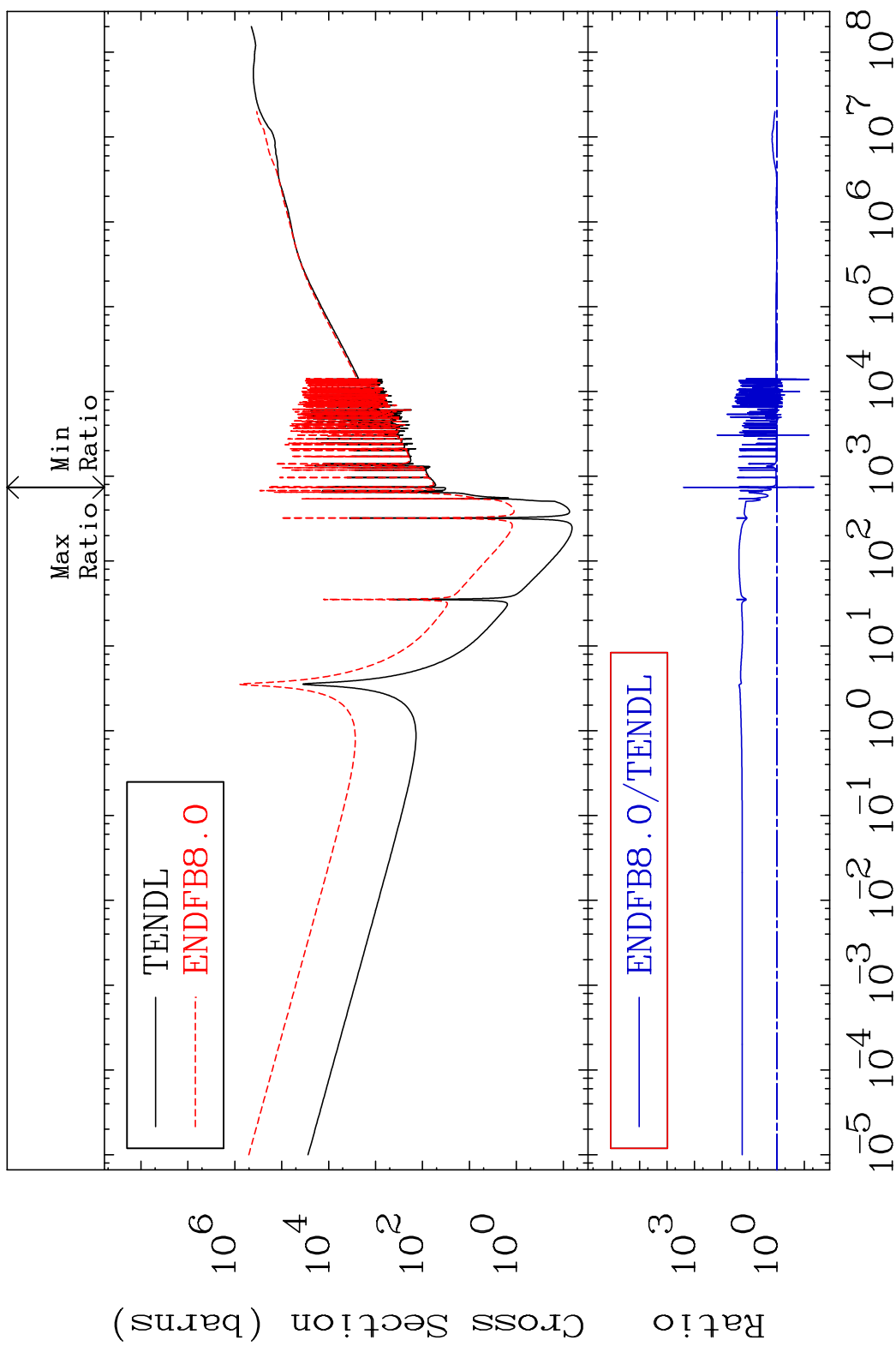


33 Incident Energy (eV) 38-Sr-87

MAT 3834 Total kinematic kerma (high limit) 38-Sr-87
 Cross Section -96.36 To 9999. %

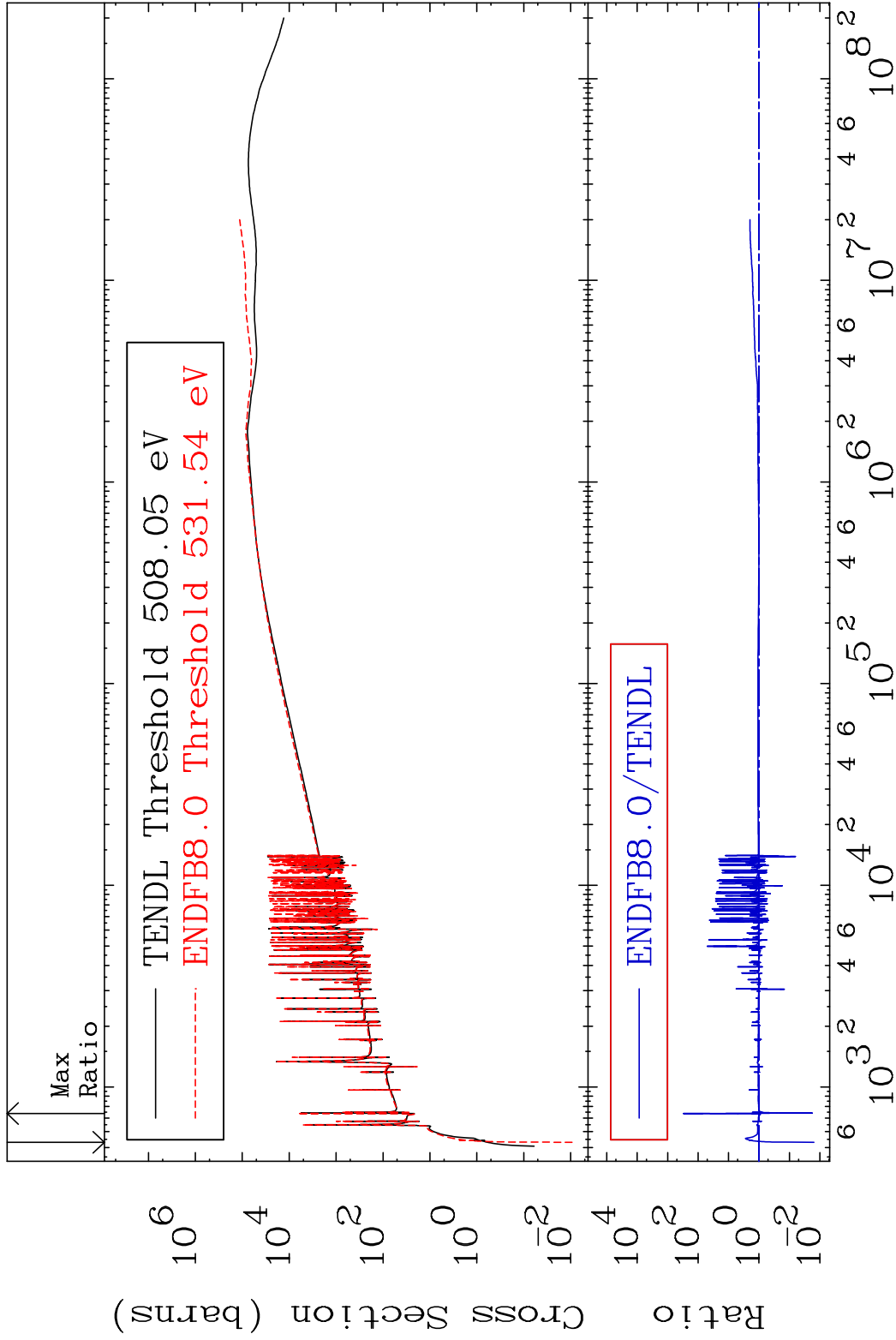


MAT 3834 Dpa total (eV-barns) 38-Sr-87
 Cross Section -95.48 To 9999. %



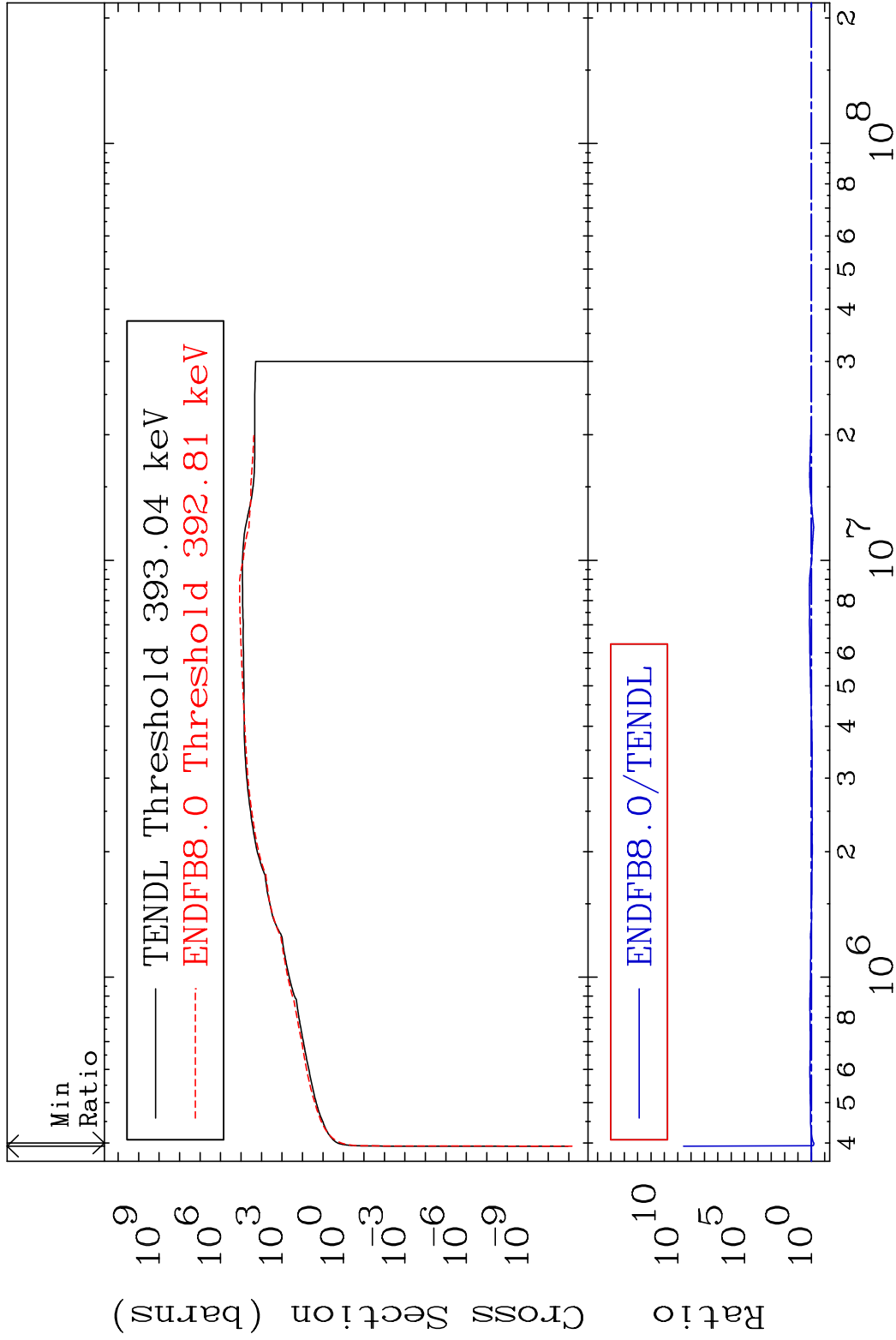
35 Incident Energy (eV) 38-Sr-87

MAT 3834 Dpa elastic (mt2) 38-Sr-87
 Cross Section -98.43 To 9999. %



36 Incident Energy (eV) 38-Sr-87

MAT 3834 Dpa inelastic (mt51-91) 38-Sr-87
 Cross Section -35.48 To 9999. %



37 Incident Energy (eV) 38-Sr-87

MAT 3834 Dpa disappearance (mt102 -120) 38-Sr-87
 Cross Section -99.88 To 9999. %

