

Program Complot
(Version 2021-1)

by

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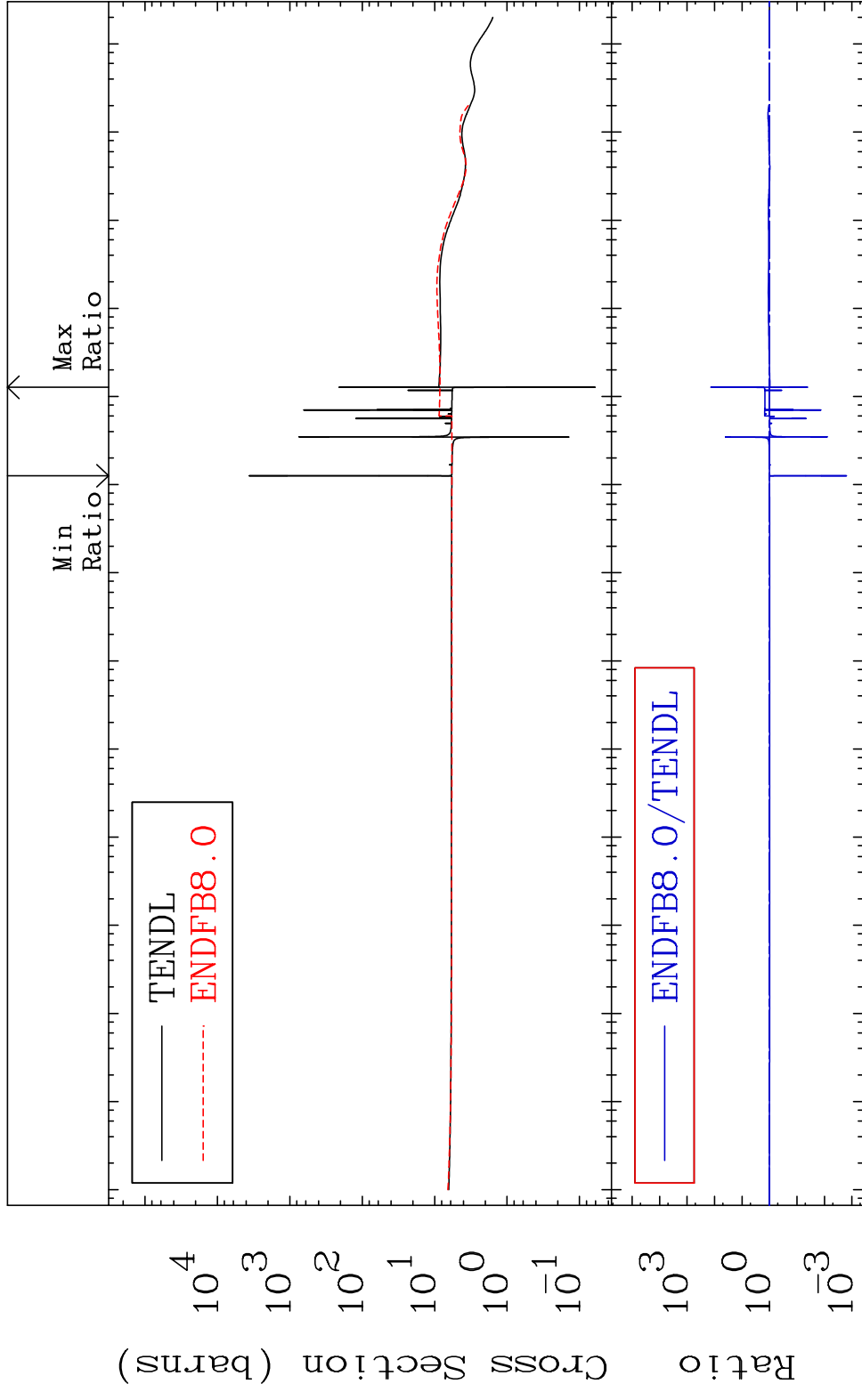
Press Mouse Button to Start

MAT 3843

38-Sr-90

Total

Cross Section -99.84 To 9999. %



1

Incident Energy (eV)

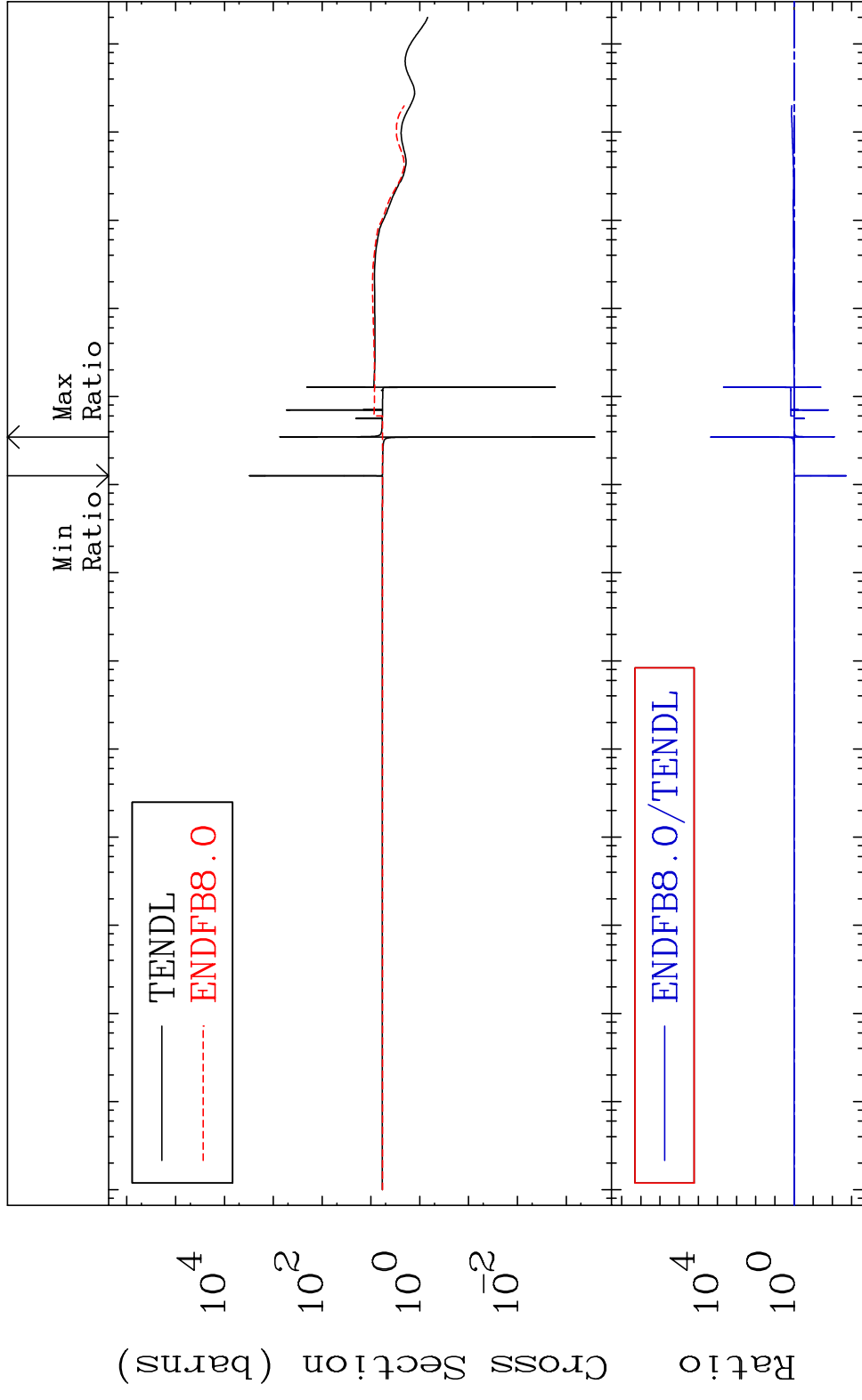
38-Sr-90

MAT 3843

38-Sr-90

Elastic

Cross Section -99.81 To 9999. %

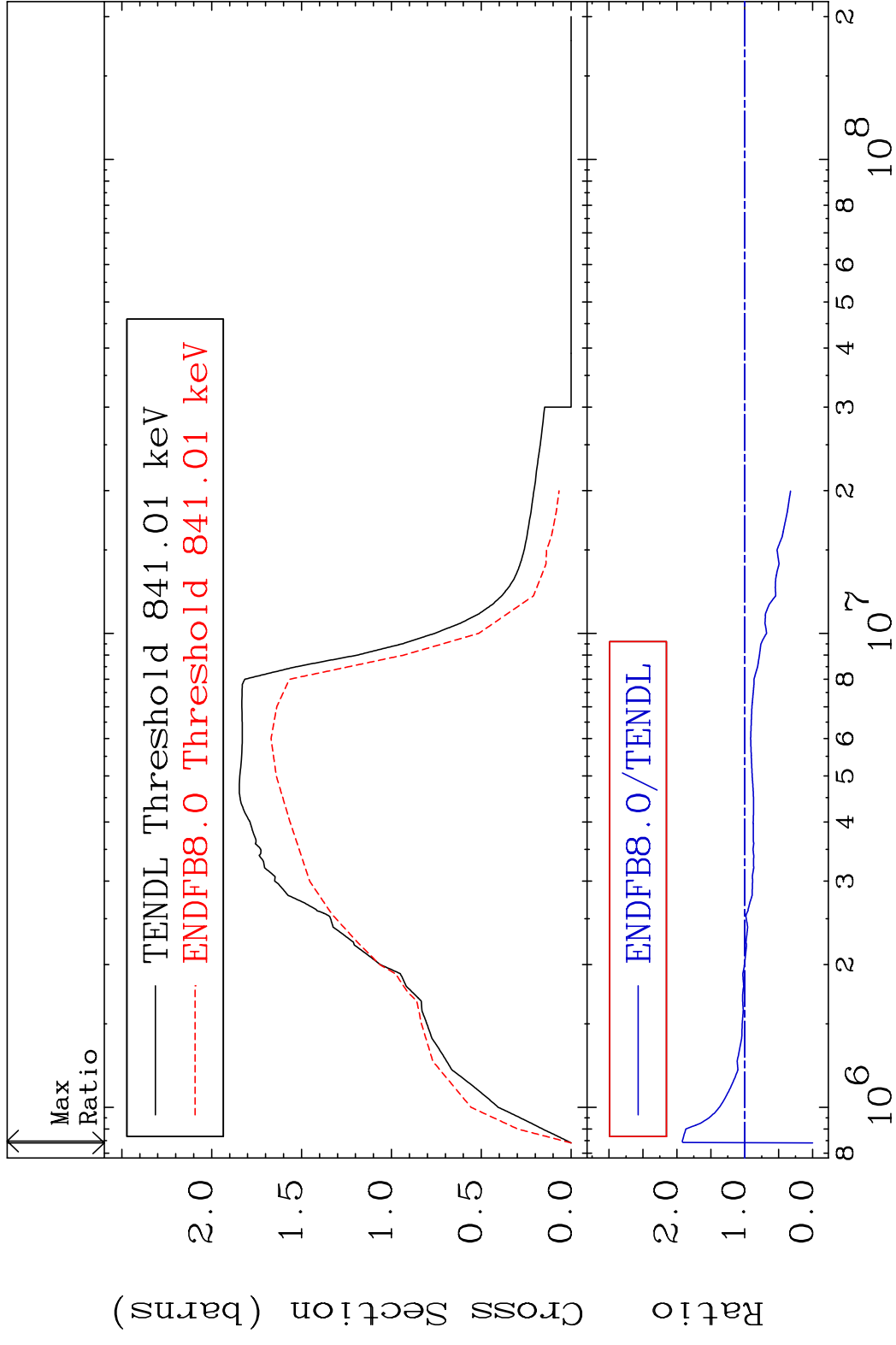


2

Incident Energy (eV)

38-Sr-90

MAT 3843 Inelastic 38-Sr-90
 Cross Section -100.0 To 91.92 %



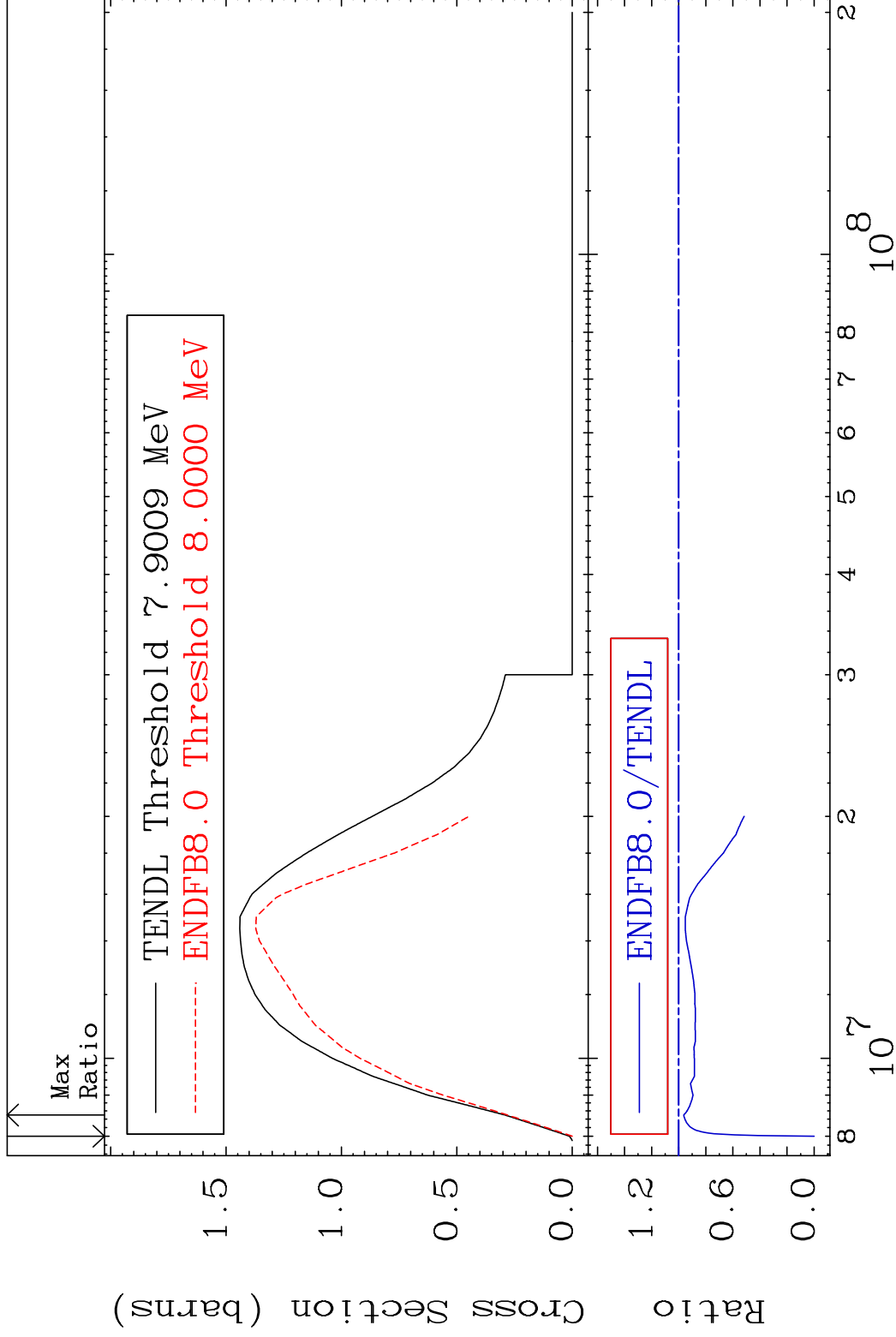
3 Incident Energy (eV) 38-Sr-90

MAT 3843

(n,2n)

38-Sr-90

Cross Section -100.0 To -3.653%



4

Incident Energy (eV)

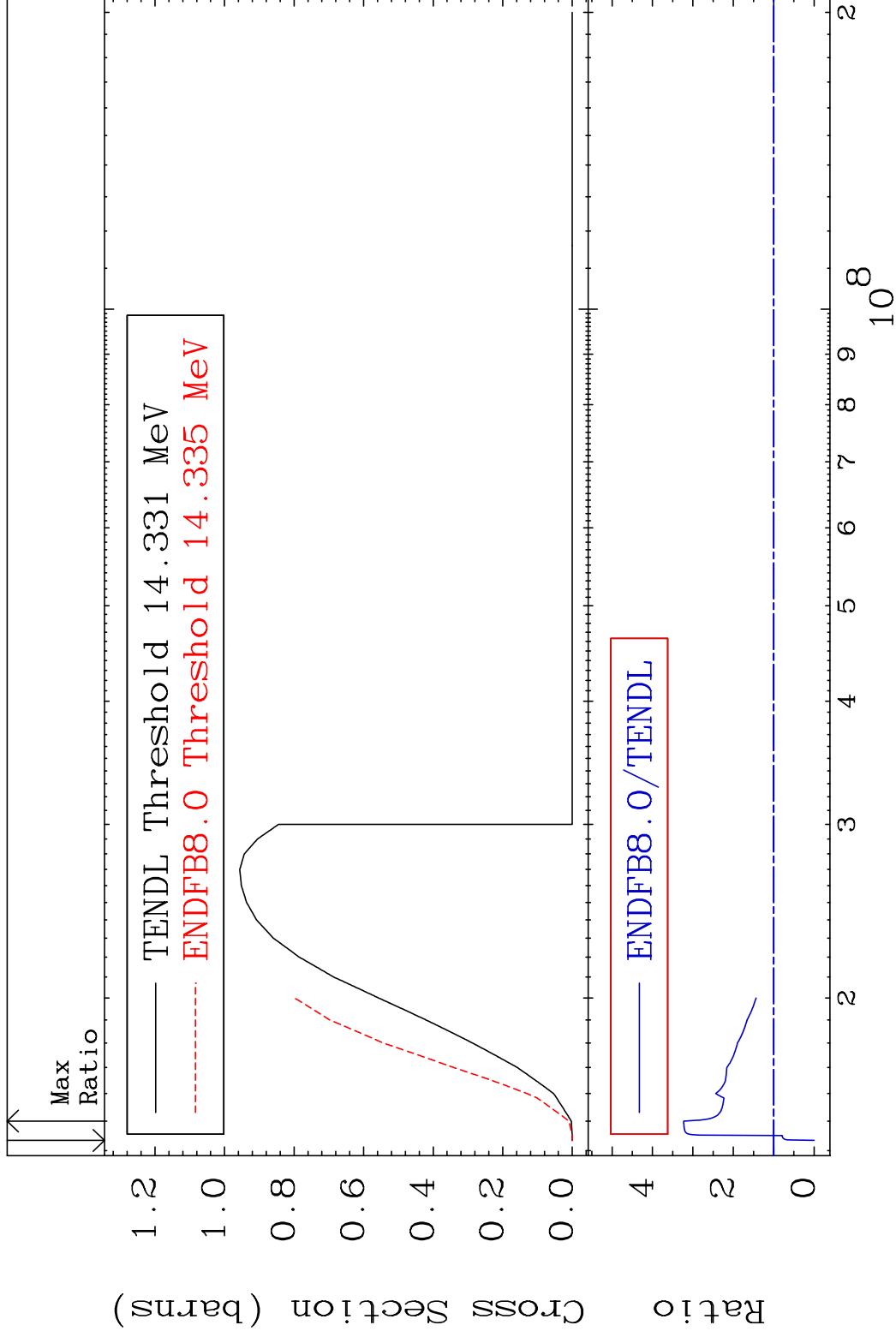
38-Sr-90

MAT 3843

(n,3n)

38-Sr-90

Cross Section -100.0 To 222.8 %



5

Incident Energy (eV)

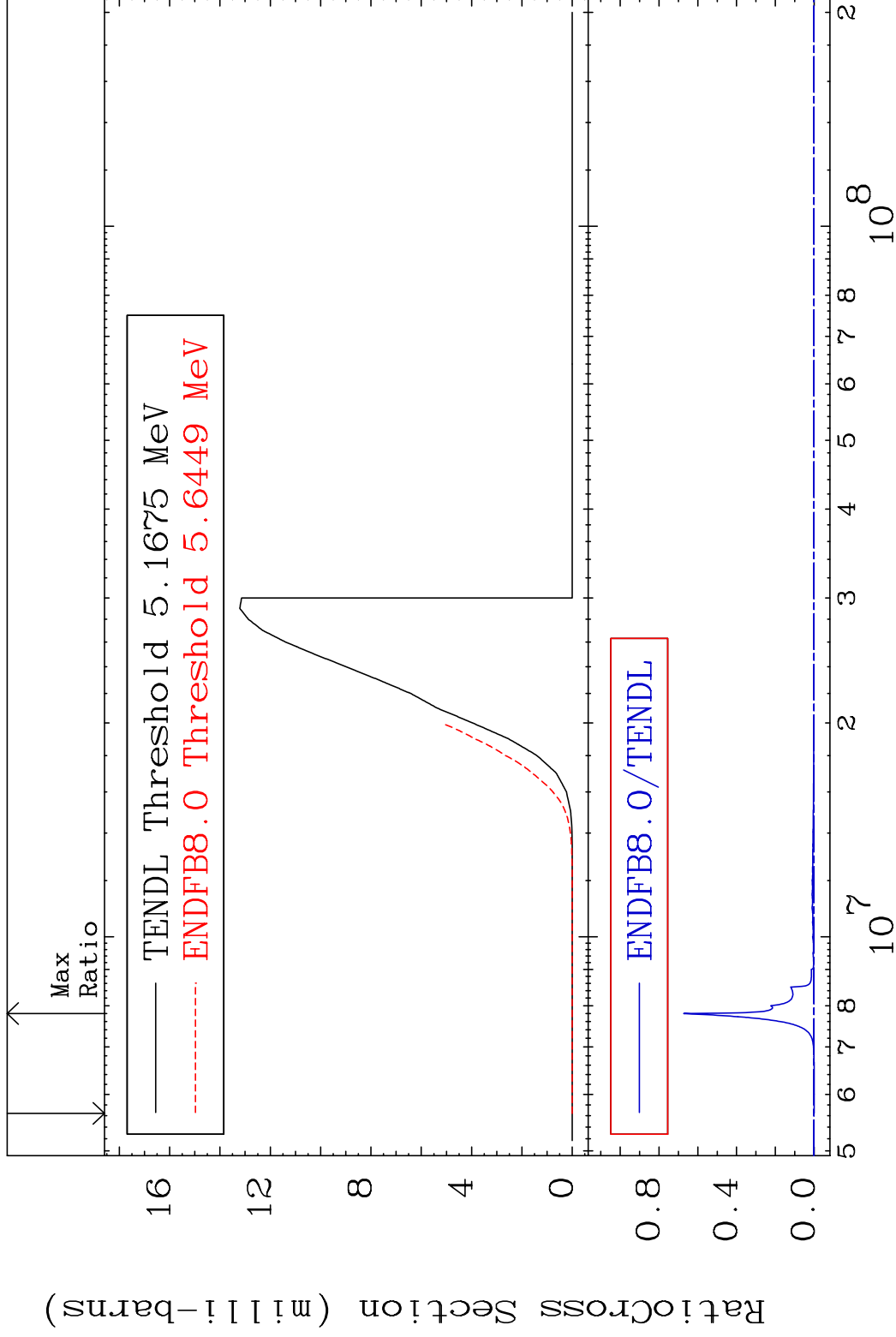
38-Sr-90

MAT 3843

(n, n') α

38-Sr-90

Cross Section -100.0 To 9999. %

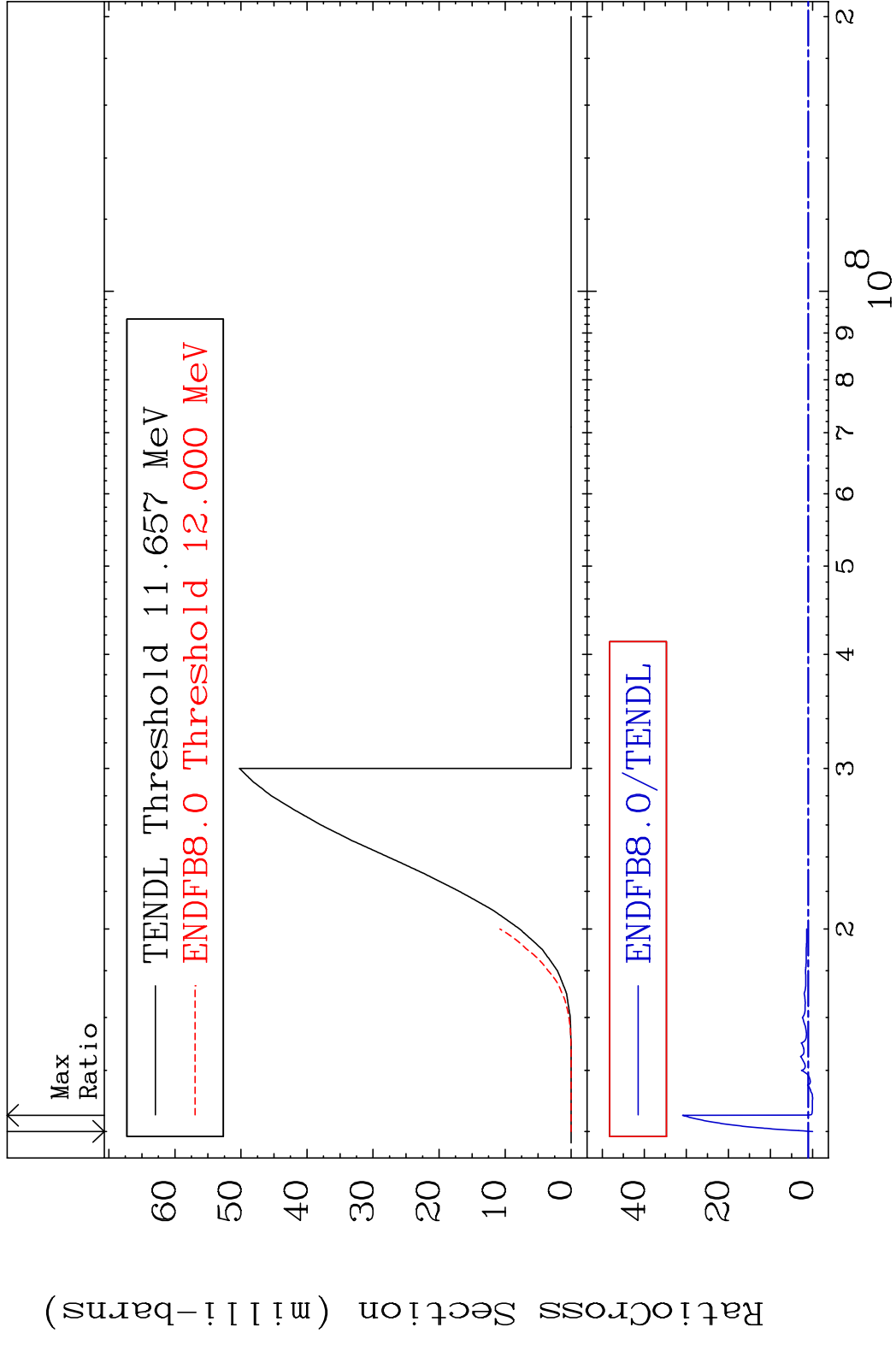


6

Incident Energy (eV)

38-Sr-90

MAT 3843 (n, n') p 38-Sr-90
 Cross Section -100.0 To 2995. %

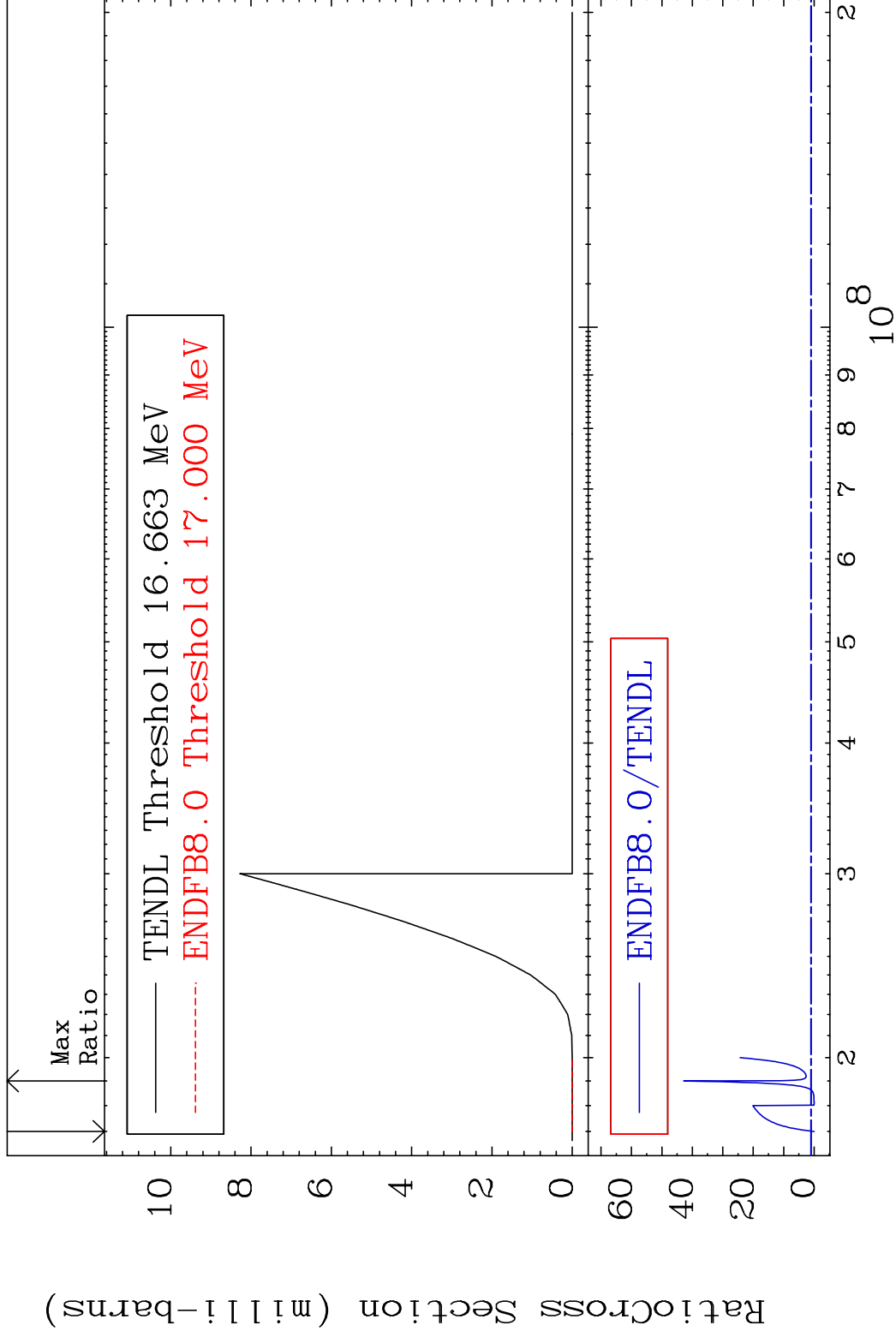


MAT 3843

(n, n') d

38-Sr-90

Cross Section -100.0 To 4185. %

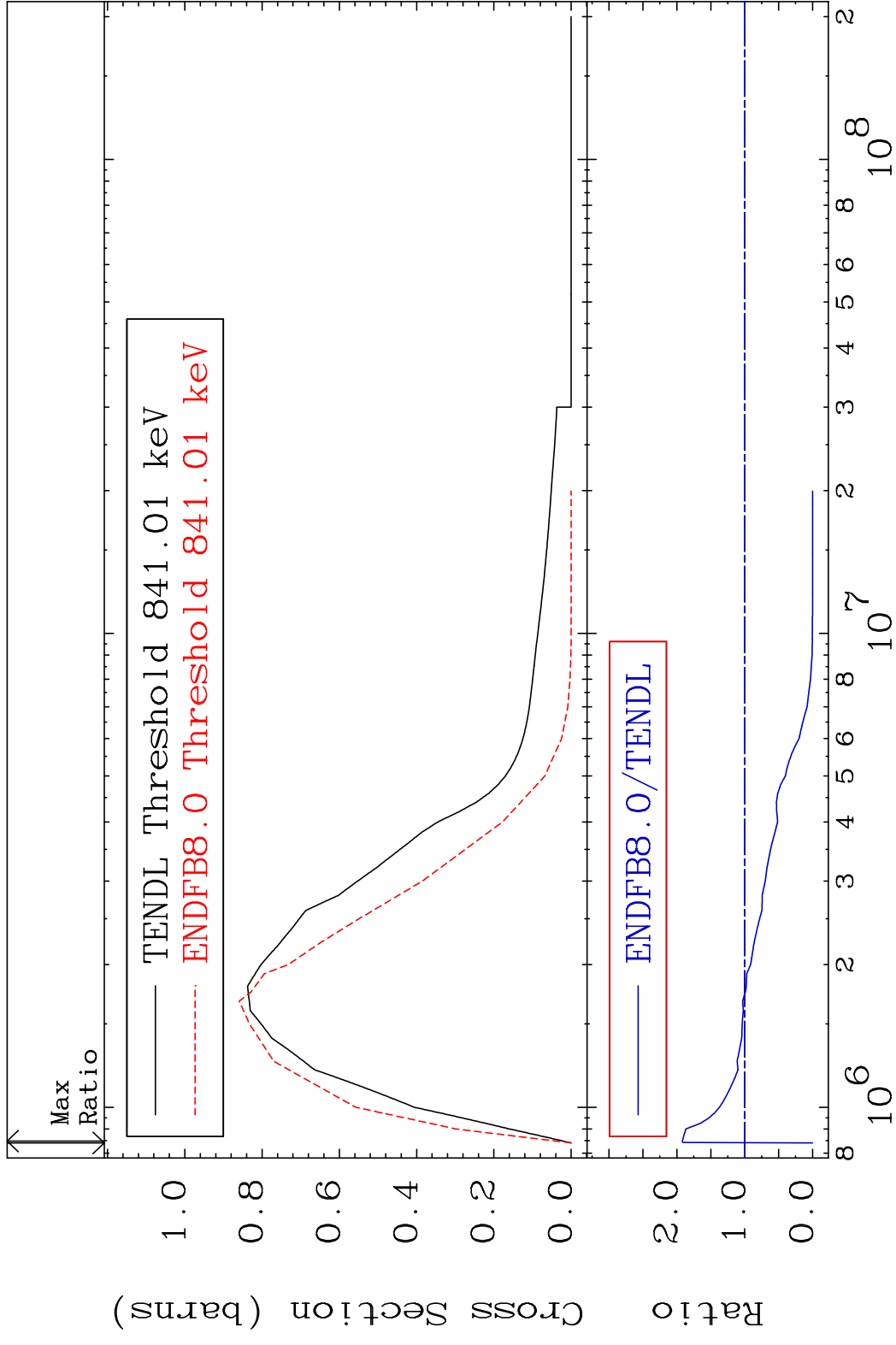


8

Incident Energy (eV)

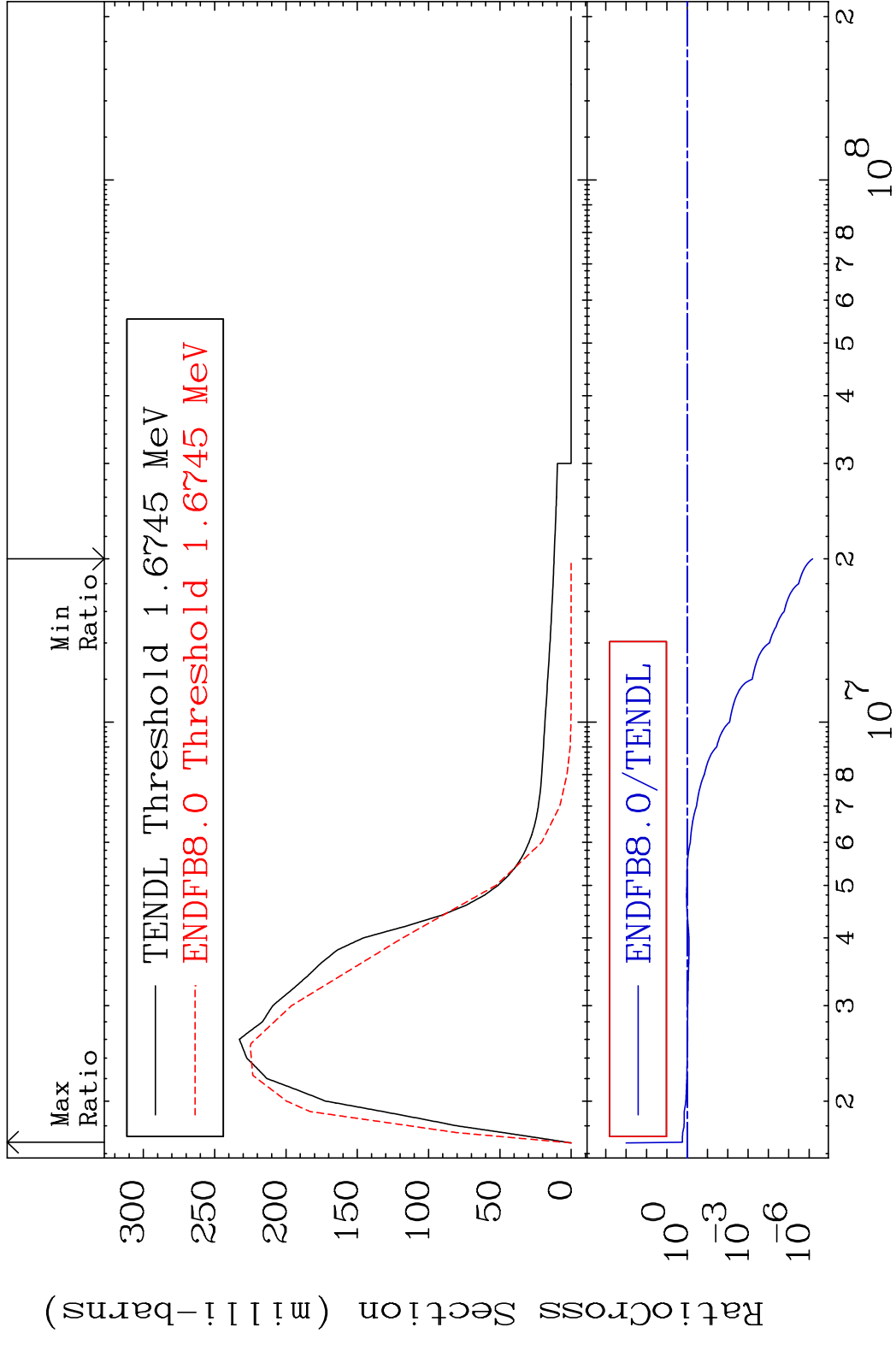
38-Sr-90

MAT 3843 MT= 51 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 91.92 %



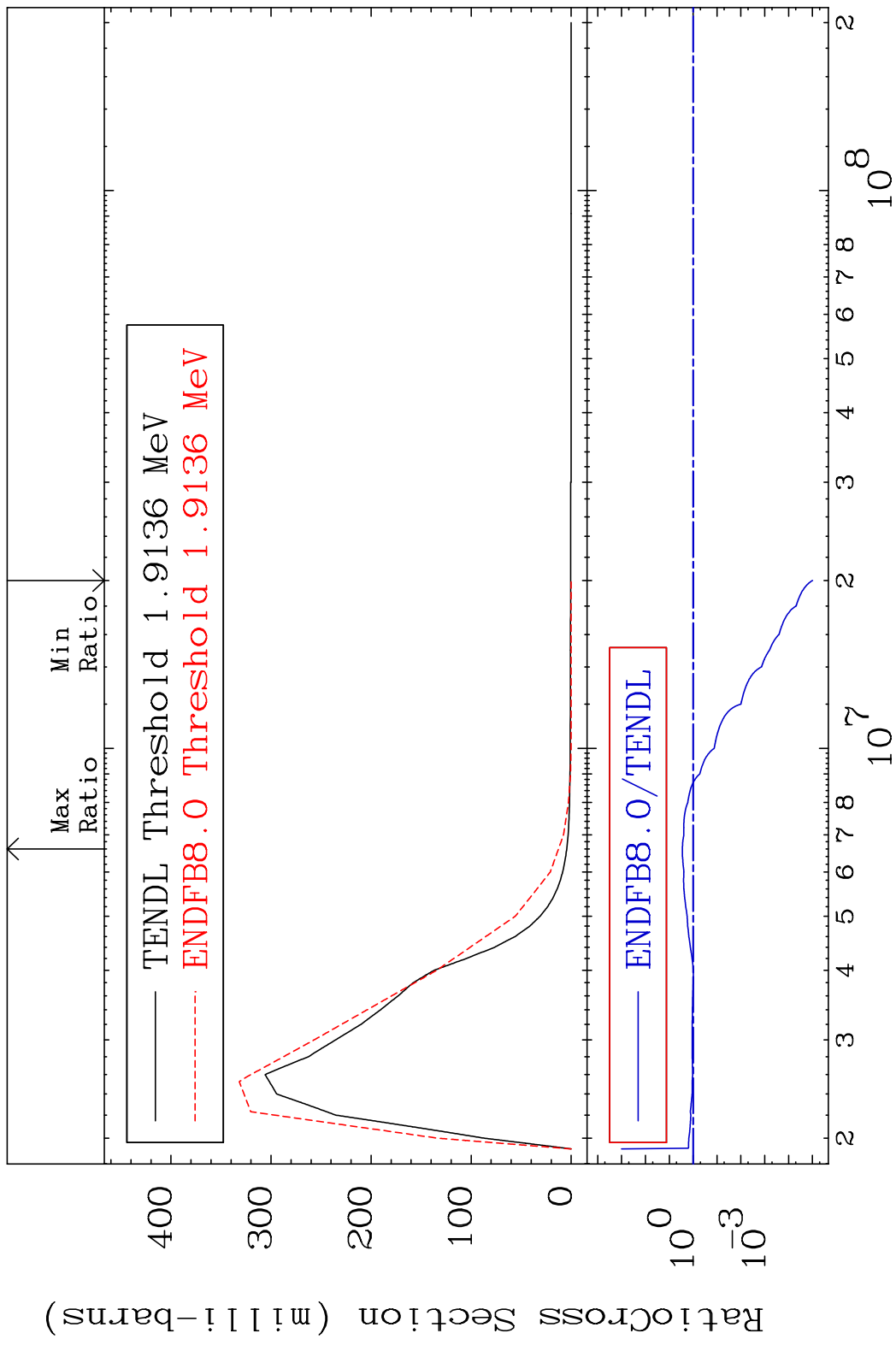
9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3 2 1 0 38-Sr-90

MAT 3843 MT= 52 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 72.12 %



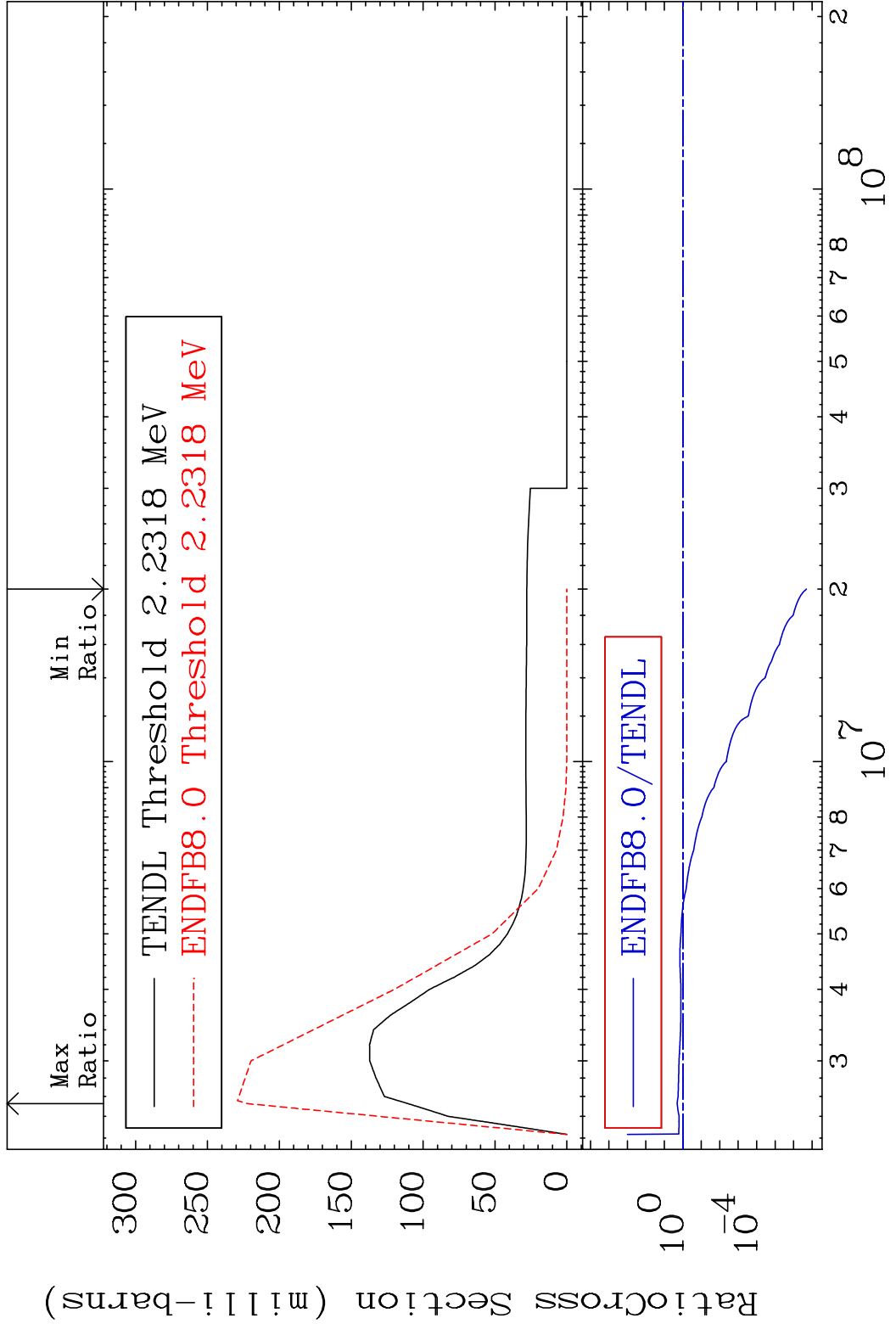
10 Incident Energy (eV) 38-Sr-90

MAT 3843 MT= 53 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 184.0 %



11 Incident Energy (eV) 38-Sr-90

MAT 3843 MT= 54 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 101.0 %



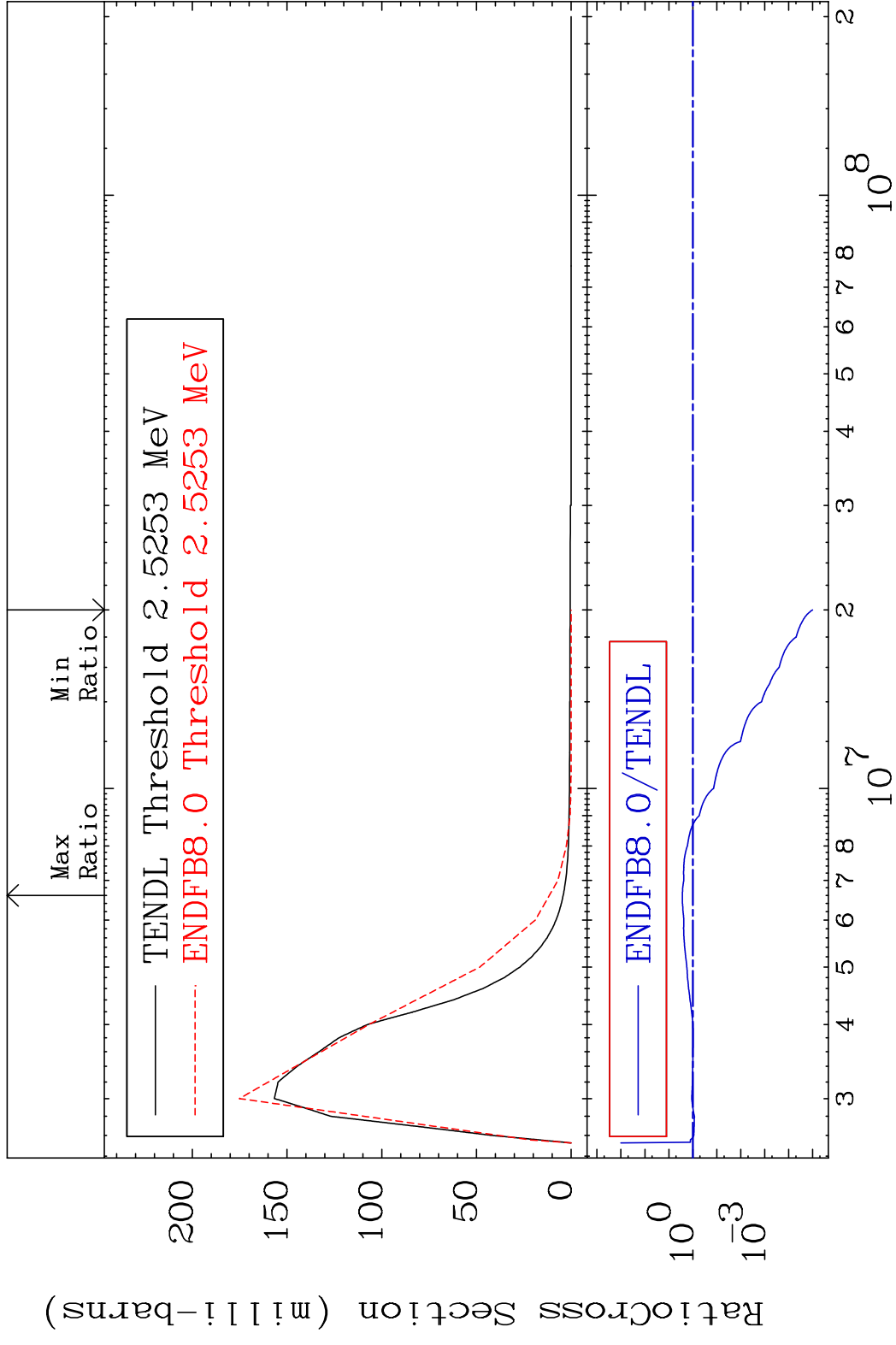
12 38-Sr-90

MAT 3843

MT= 55 (n, n') Level

38-Sr-90

Cross Section -100.0 To 173.8 %



13

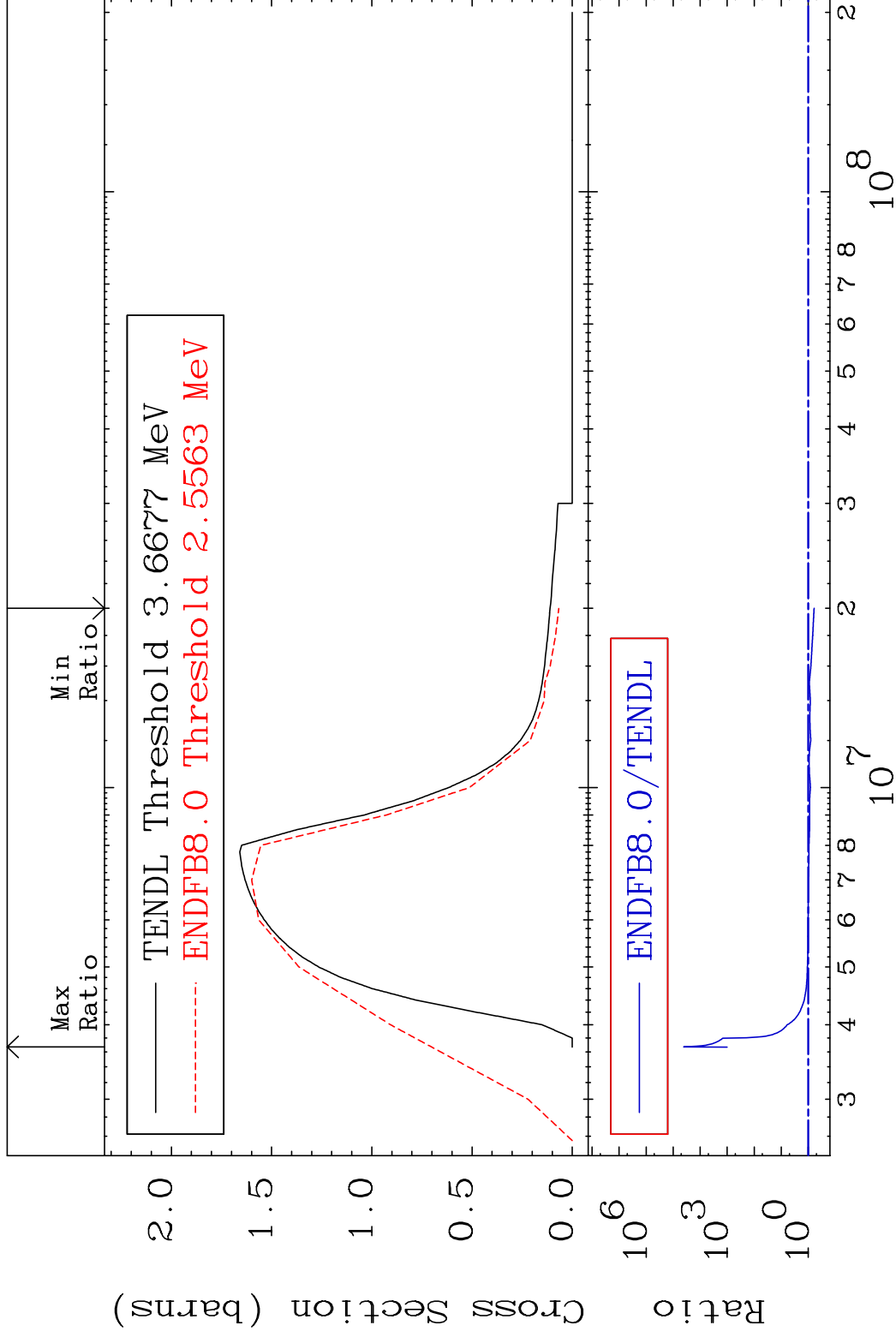
38-Sr-90

MAT 3843

(n, n') Continuum

38-Sr-90

Cross Section -39.22 To 9999. %

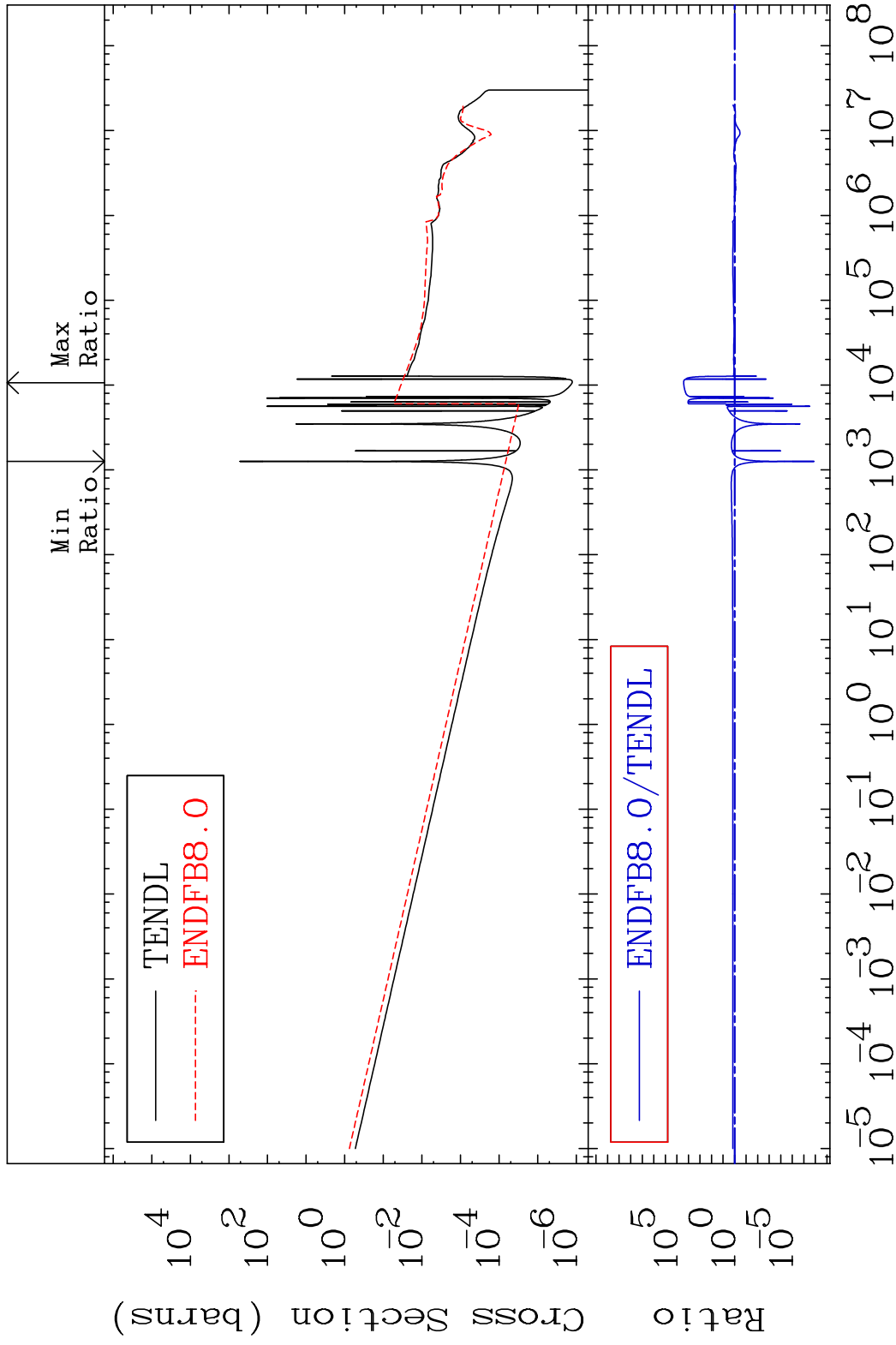


MAT 3843

(n, γ)

38-Sr-90

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

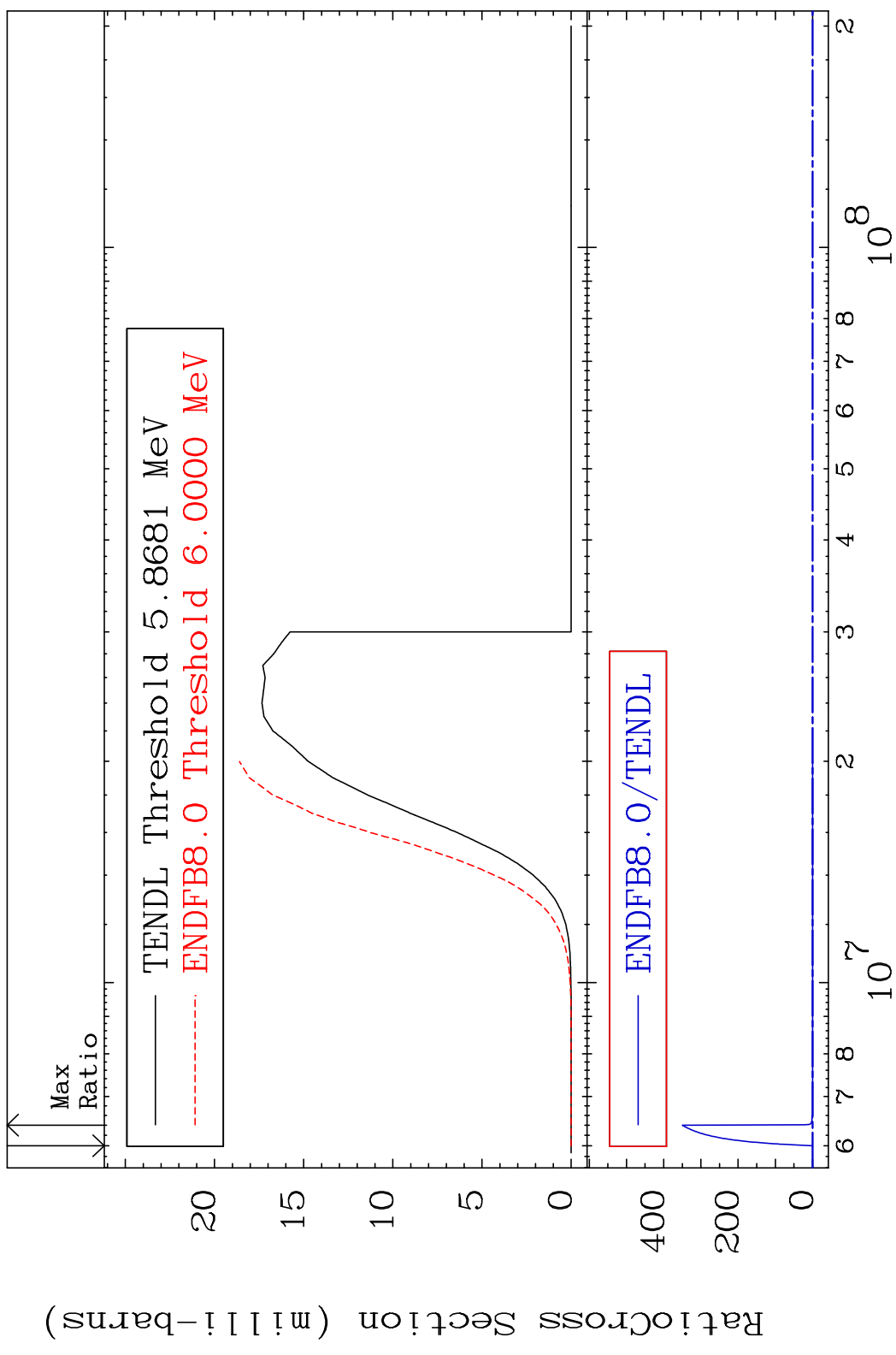
38-Sr-90

MAT 3843

(n,p)

38-Sr-90

Cross Section -100.0 To 9999. %



16

Incident Energy (eV)

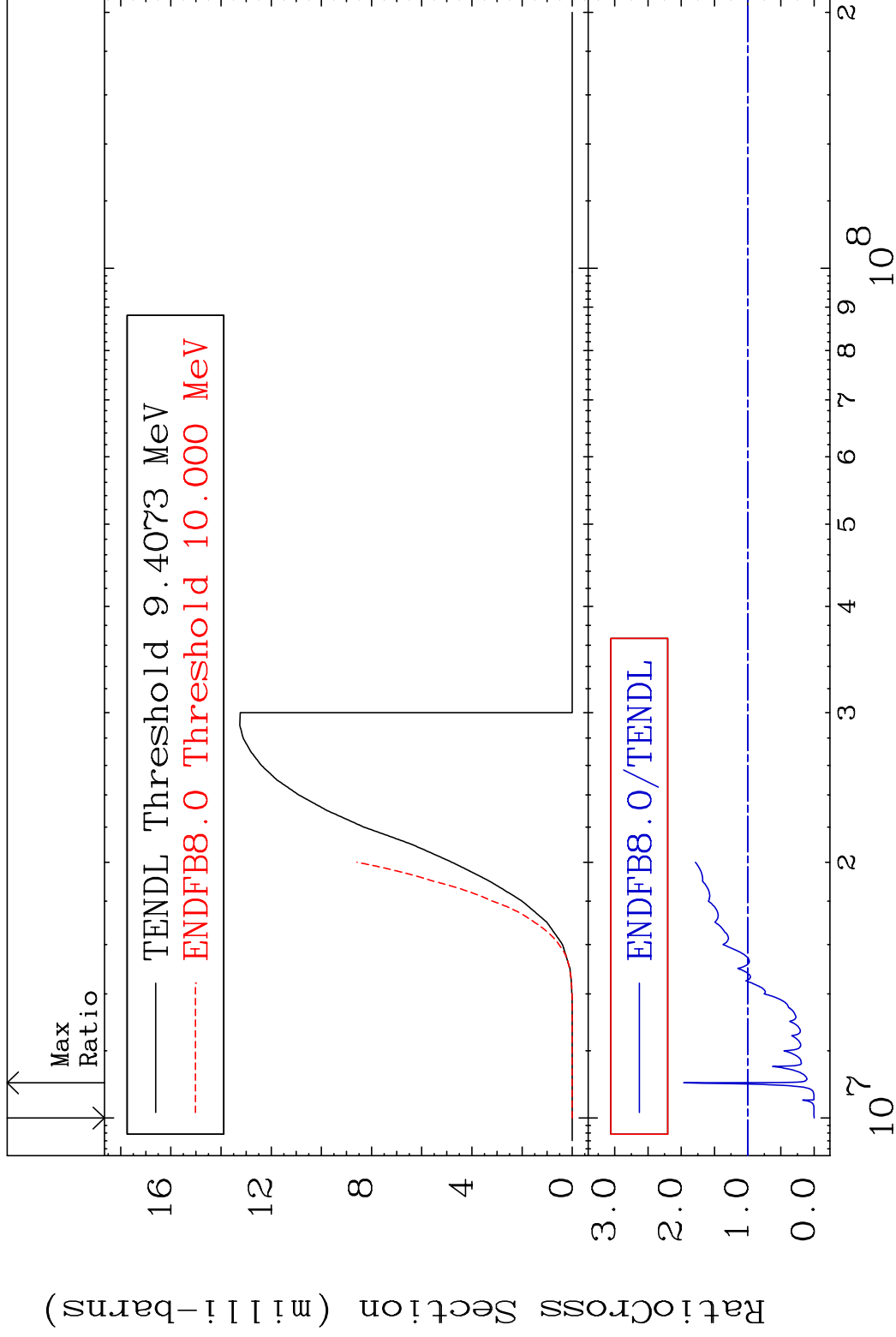
38-Sr-90

MAT 3843

(n,d)

38-Sr-90

Cross Section -100.0 To 96.32 %



17

Incident Energy (eV)

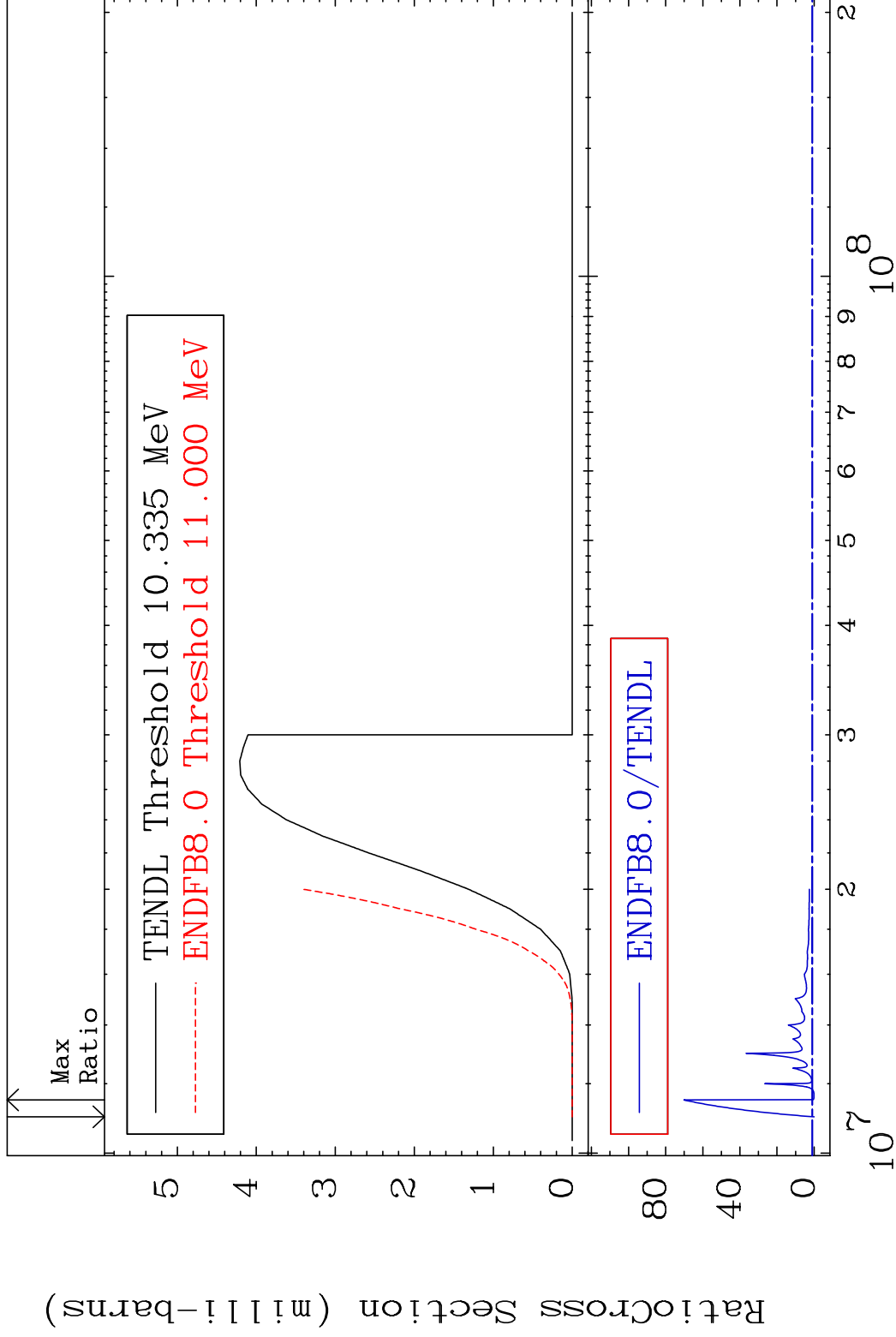
38-Sr-90

MAT 3843

(n, t)

38-Sr-90

Cross Section -100.0 To 6931. %



18

Incident Energy (eV)

38-Sr-90

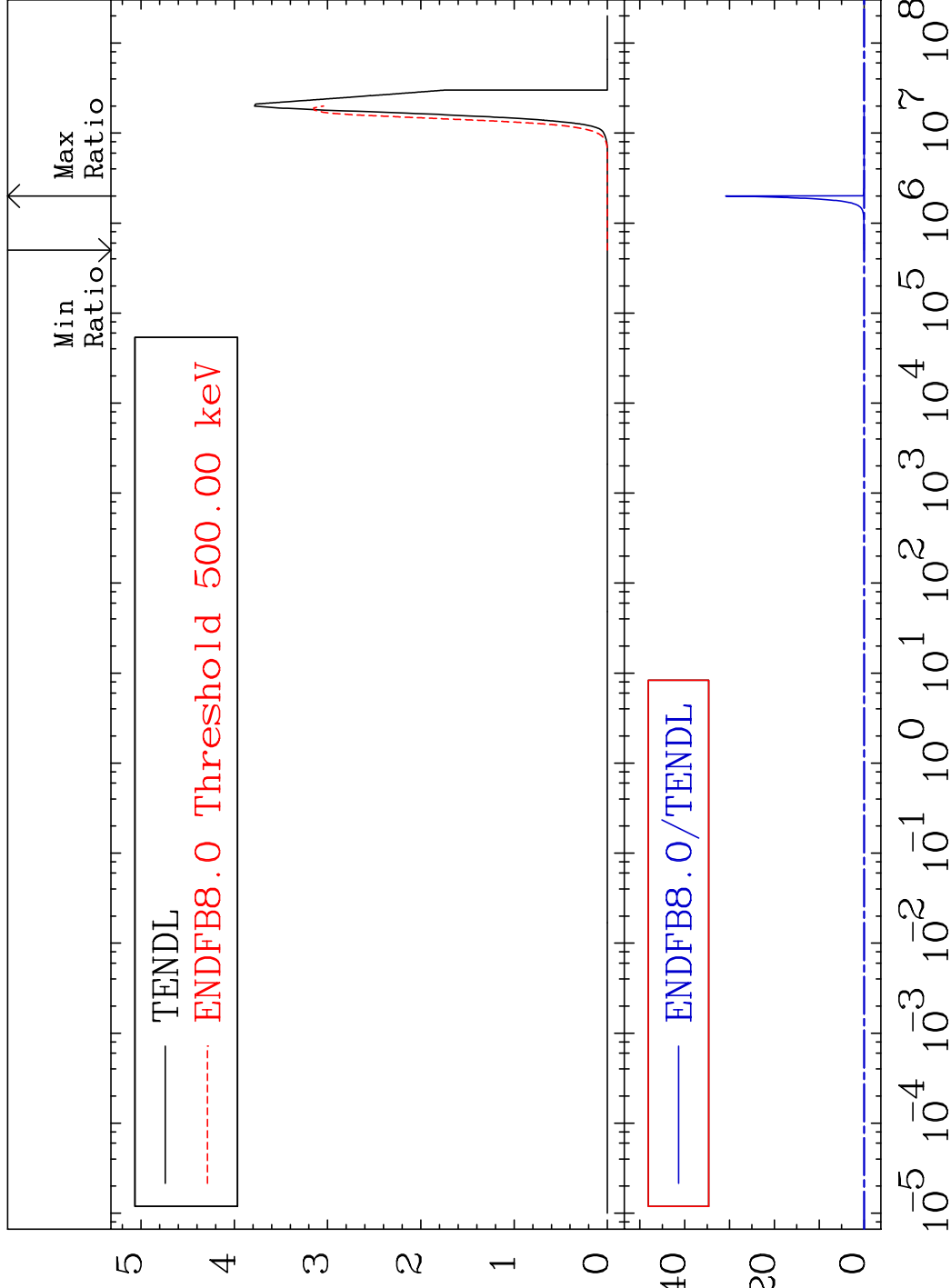
MAT 3843

(n, α)

38-Sr-90

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)

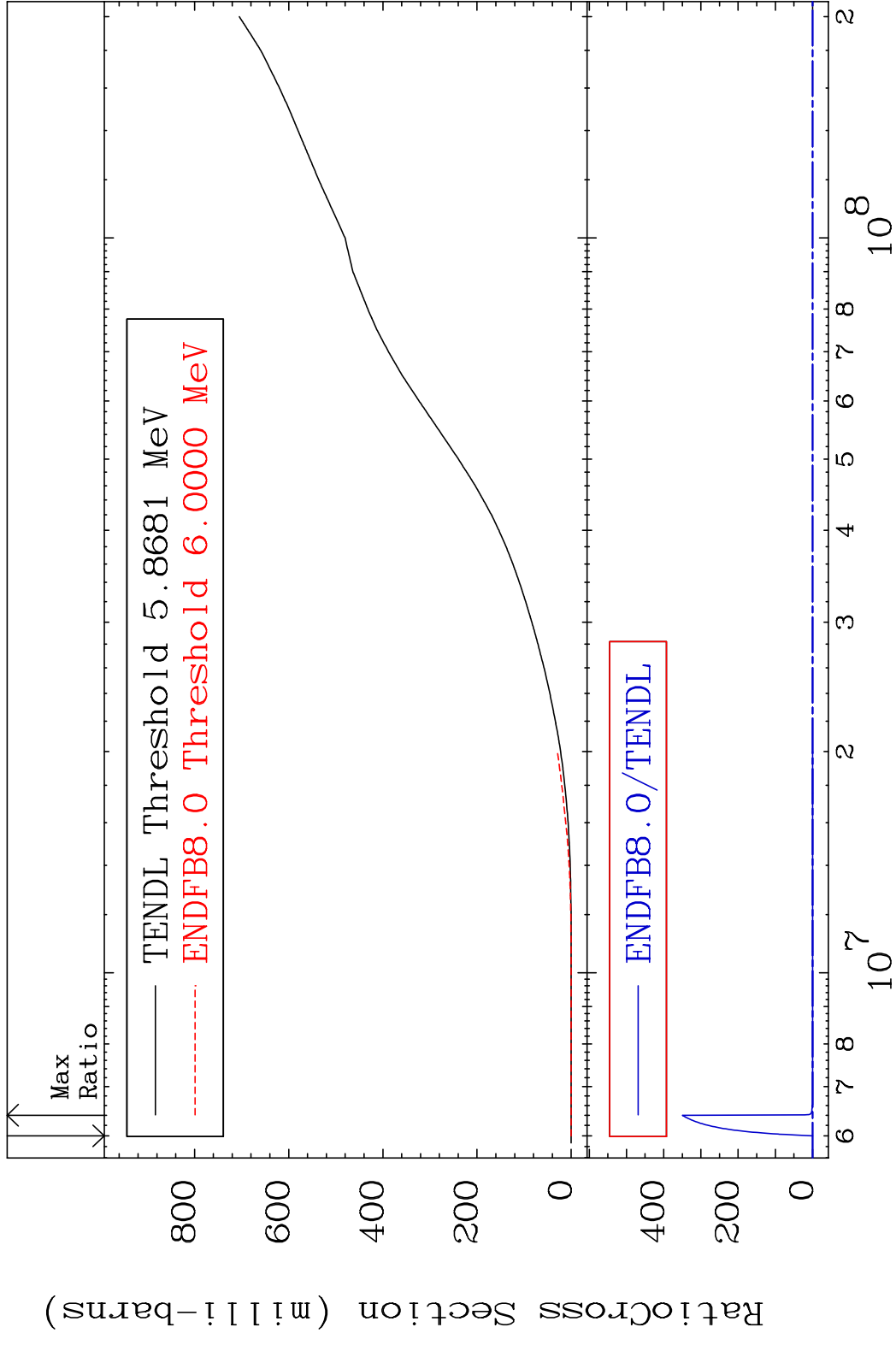


19

Incident Energy (eV)

38-Sr-90

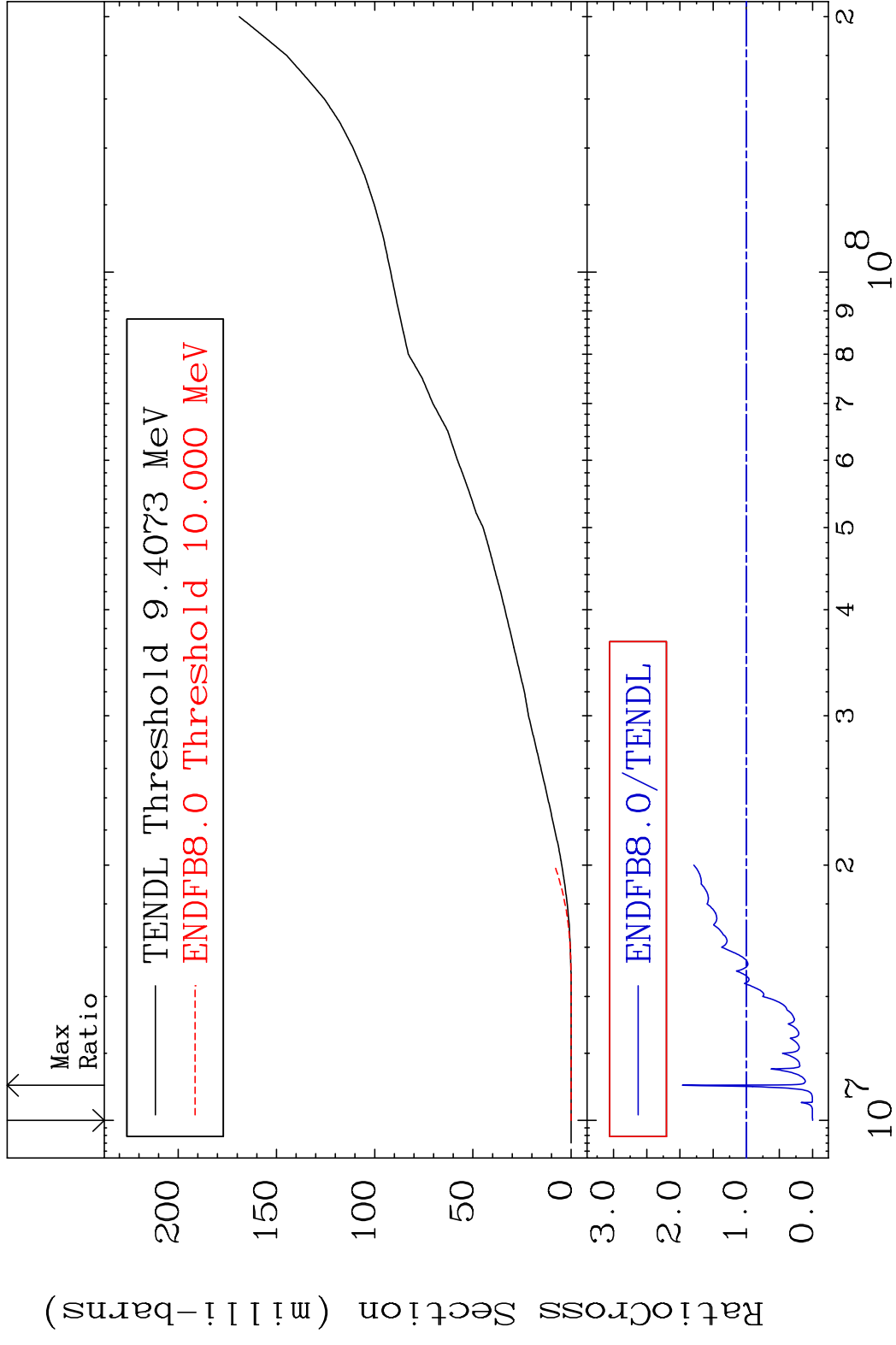
MAT 3843 Hydrogen Production 38-Sr-90
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 38-Sr-90

MAT 3843

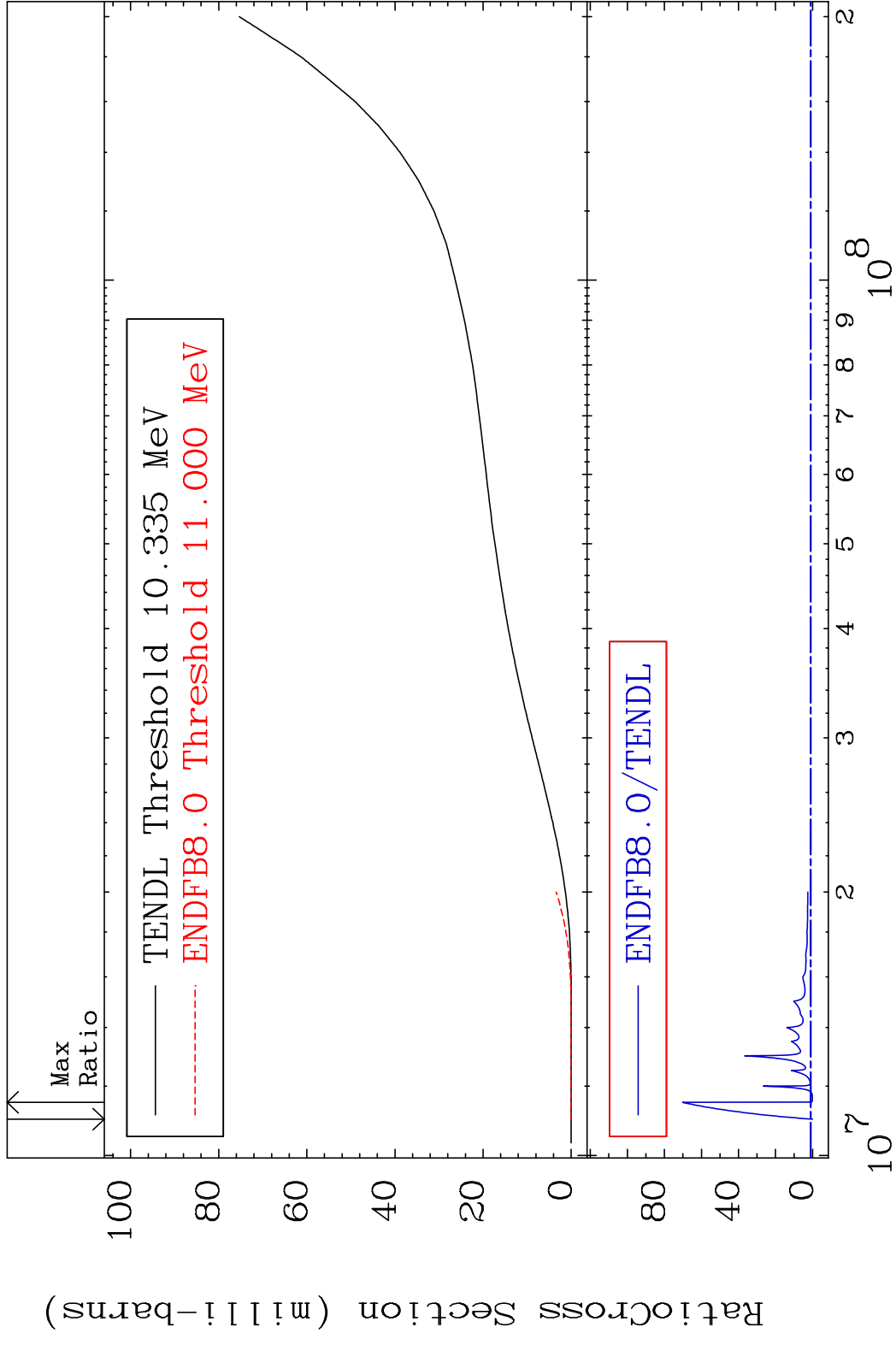
Deuterium Production 38-Sr-90
Cross Section -100.0 To 96.32 %



21

Incident Energy (eV) 38-Sr-90

MAT 3843 Tritium Production 38-Sr-90
 Cross Section -100.0 To 6931. %



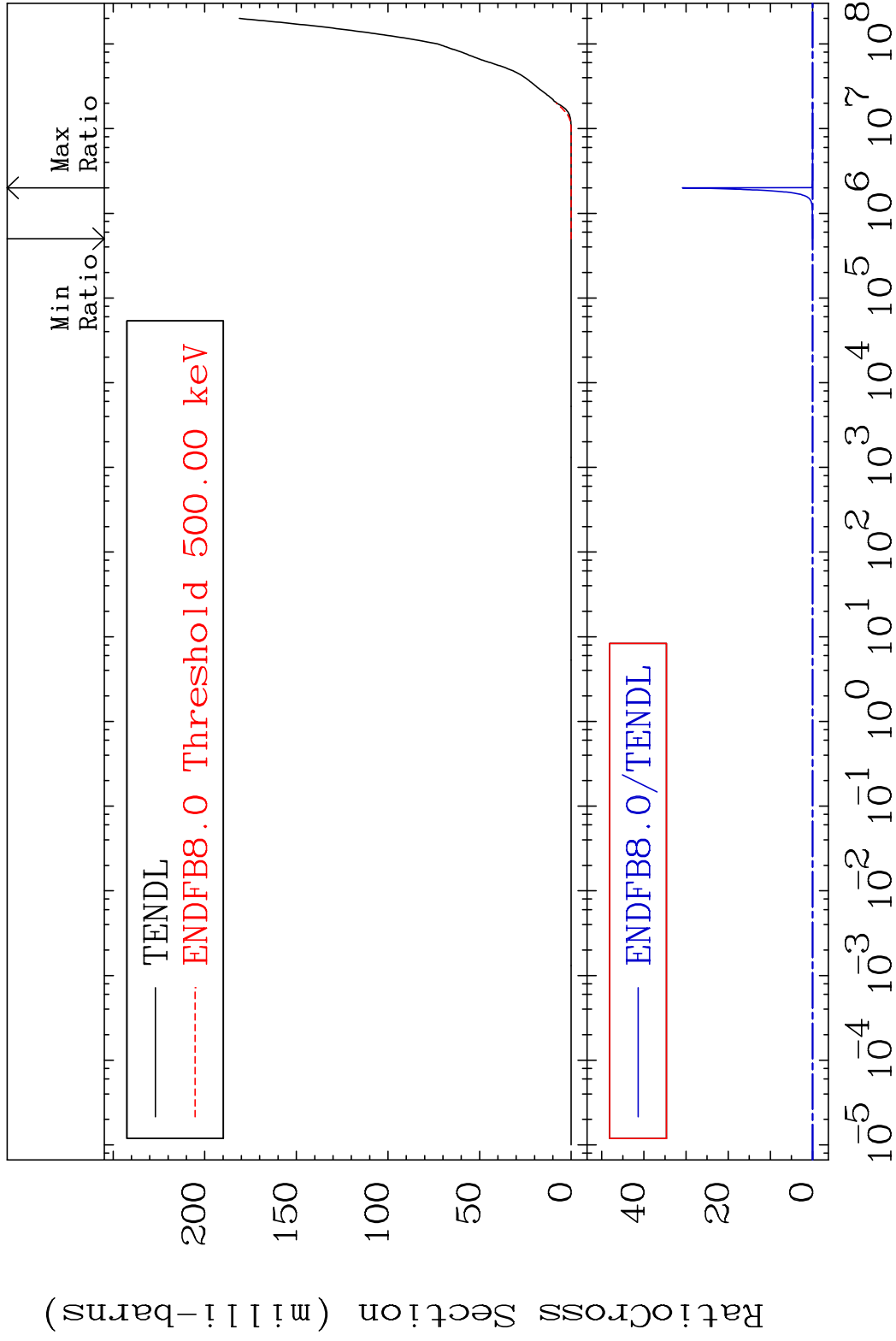
22 Incident Energy (eV) 38-Sr-90

MAT 3843

He-4 Production

38-Sr-90

Cross Section -100.0 To 9999. %

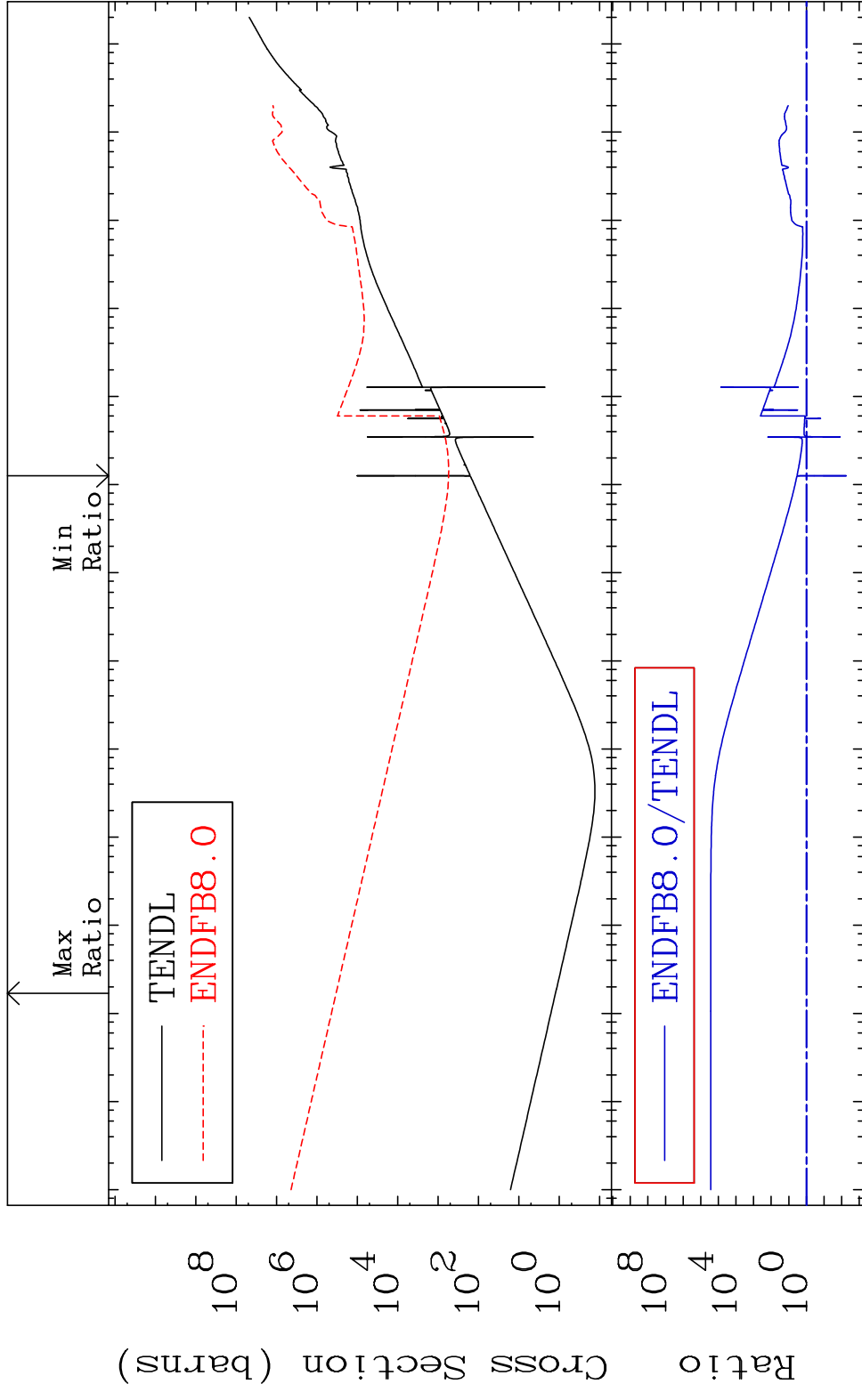


23

Incident Energy (eV)

38-Sr-90

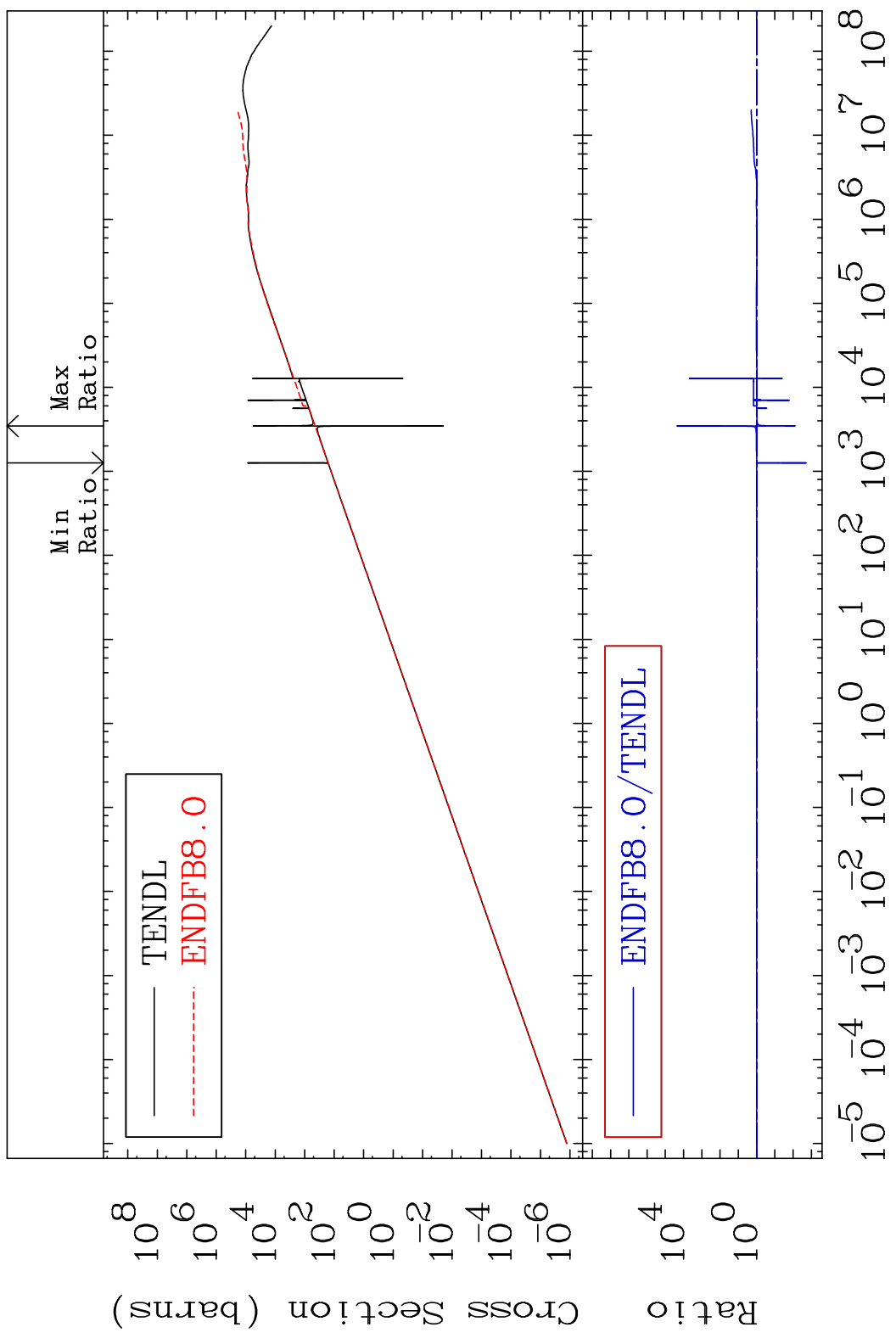
MAT 3843 Kerma total (eV-barns) 38-Sr-90
 Cross Section -99.46 To 9999. %



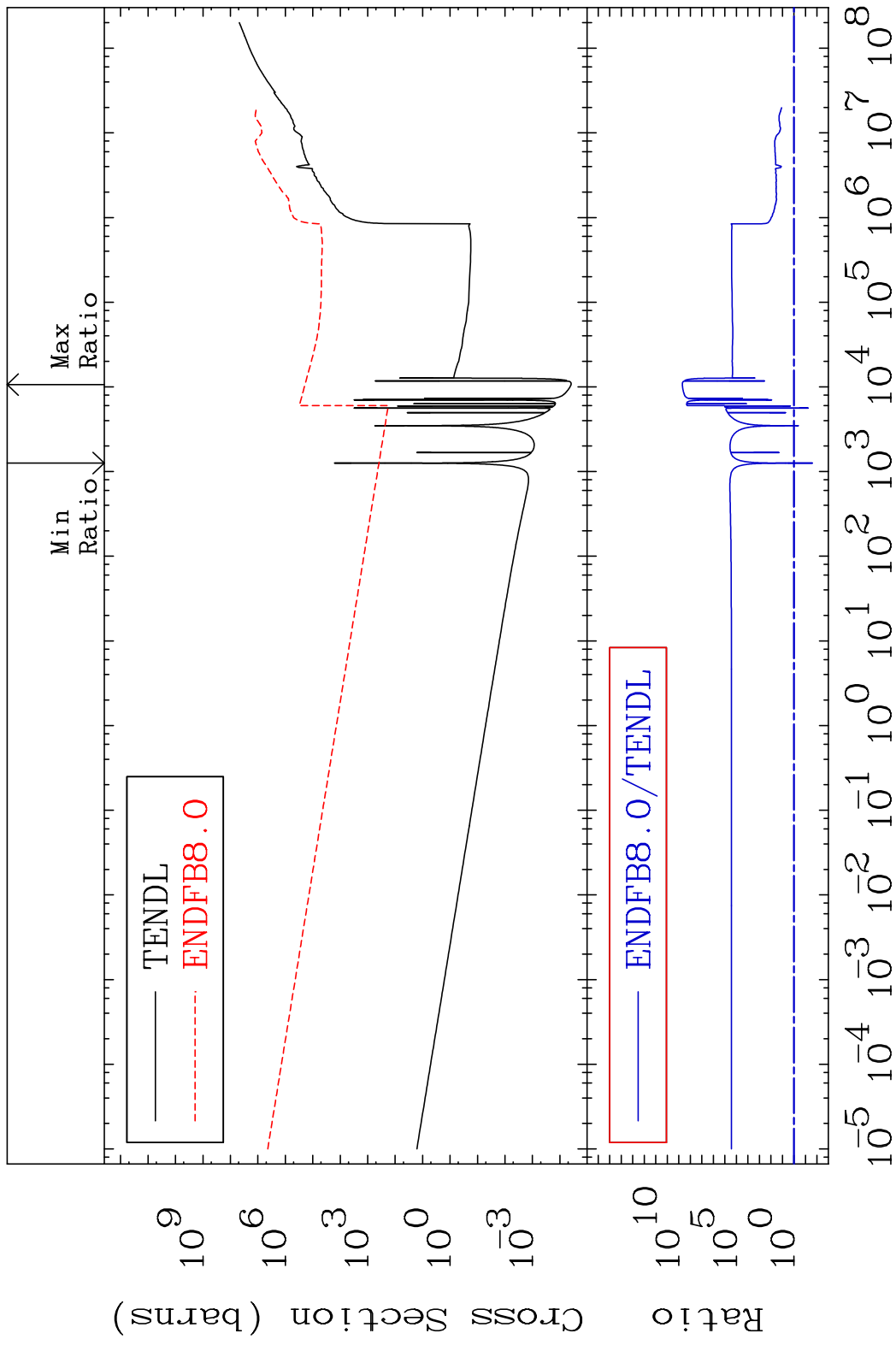
24 Incident Energy (eV) 38-Sr-90

MAT 3843

Kerma elastic Cross Section -99.81 To 9999. %
38-Sr-90

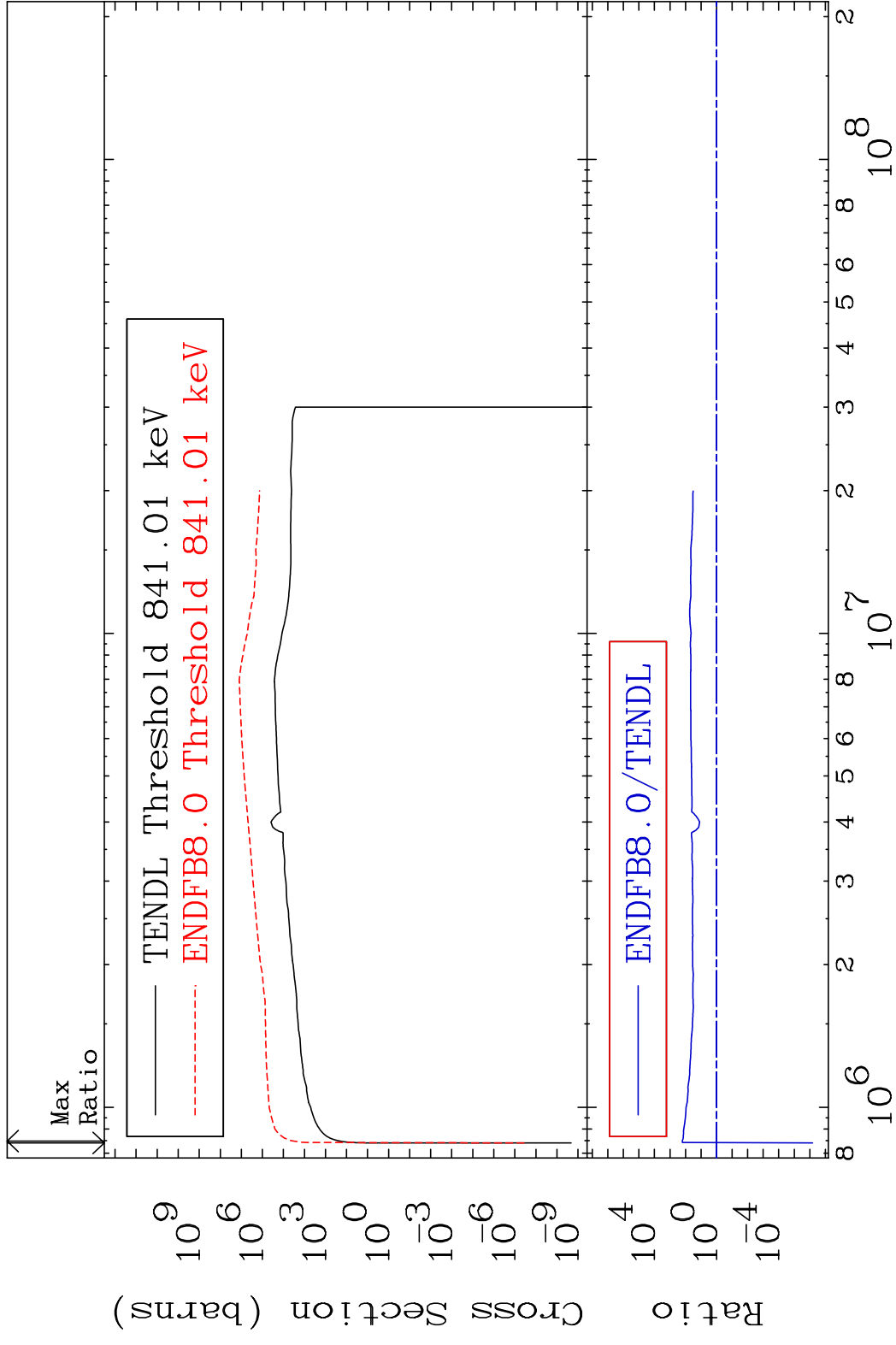


MAT 3843 Kerma non-elastic (all but mt2) 38-Sr-90
 Cross Section -97.56 To 9999. %

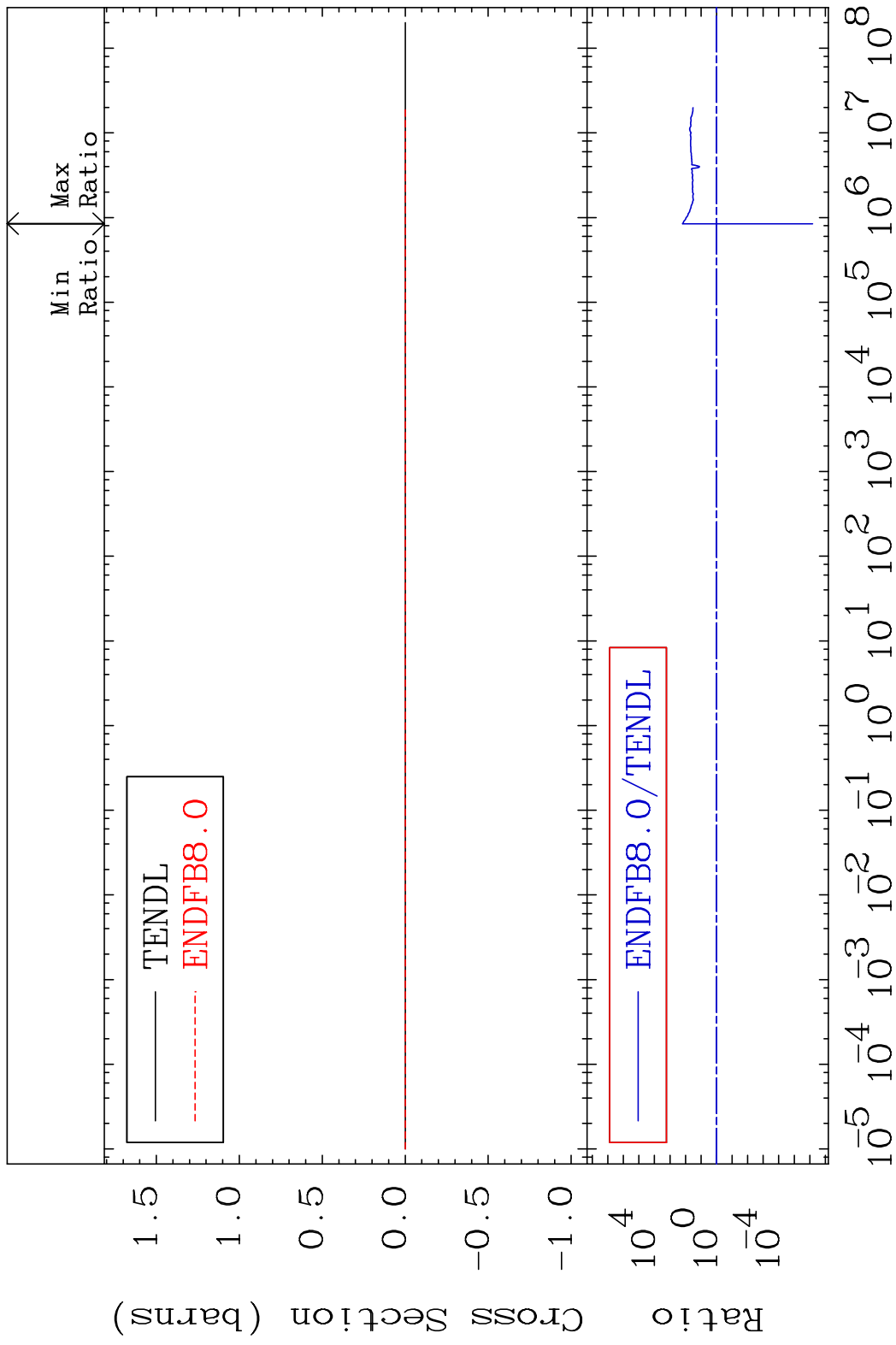


26 Incident Energy (eV) 38-Sr-90

MAT 3843 Kerma inelastic (mt51-91) 38-Sr-90
 Cross Section -100.0 To 9999. %

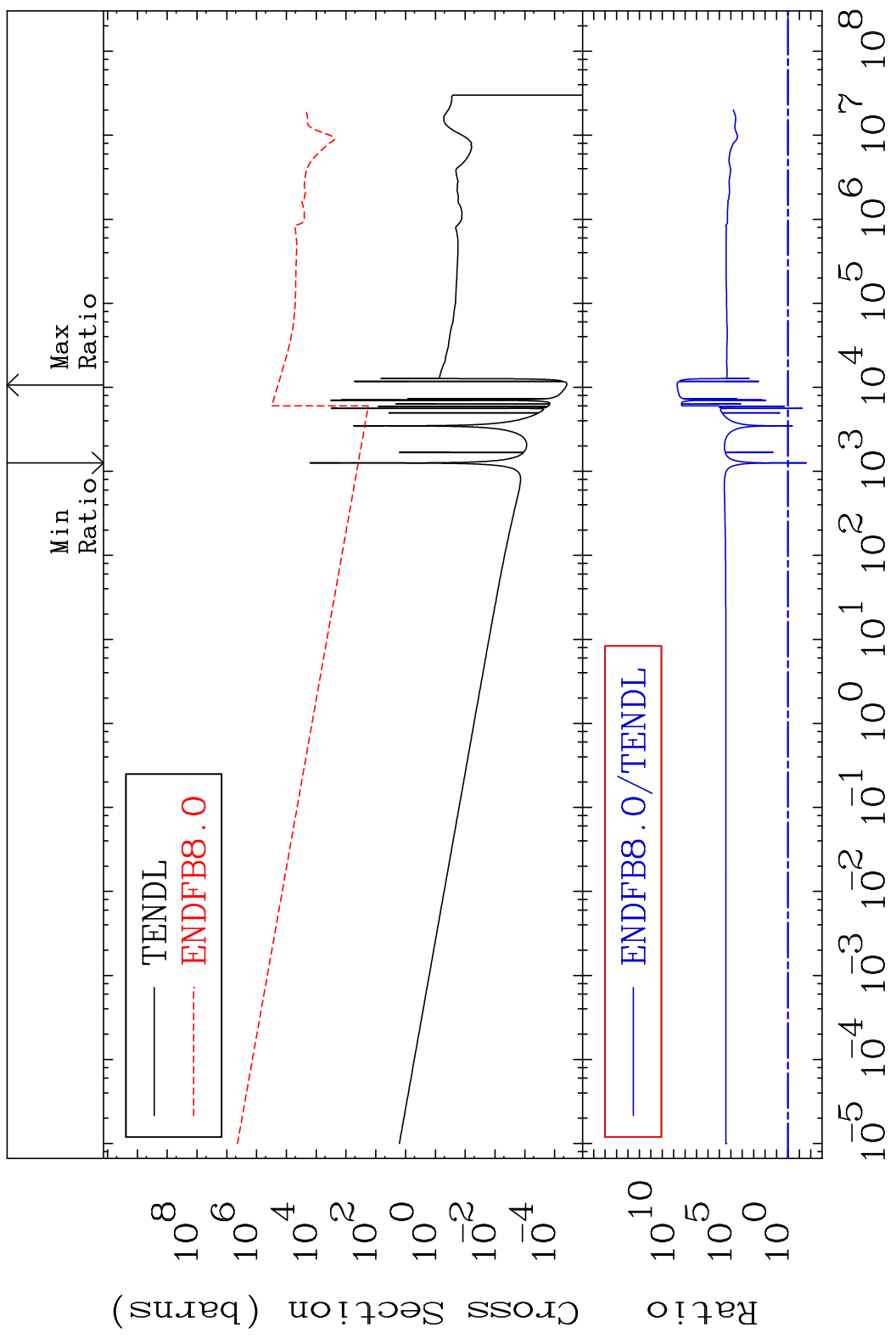


MAT 3843 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-90
 Cross Section -100.0 To 9999. %

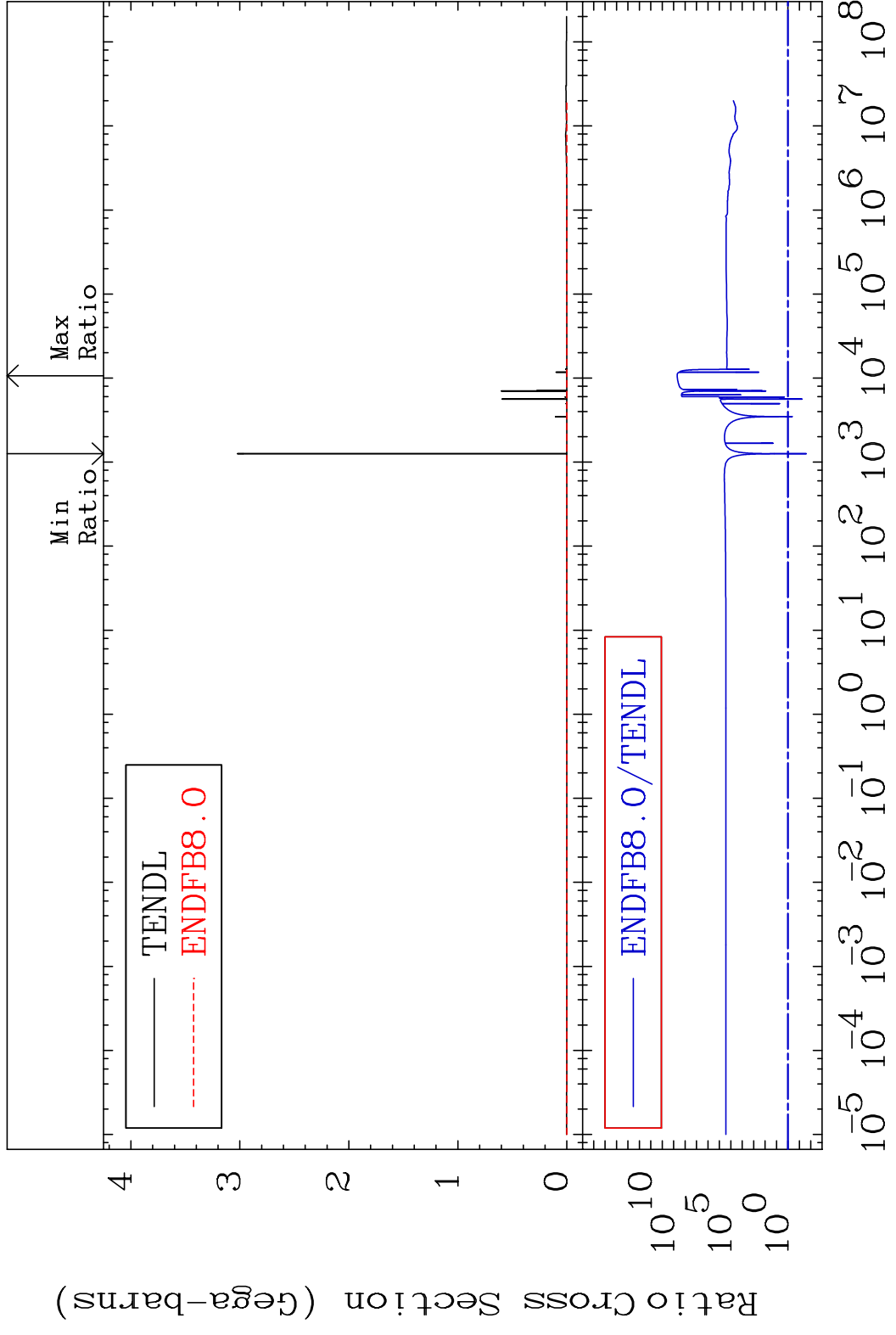


MAT 3843

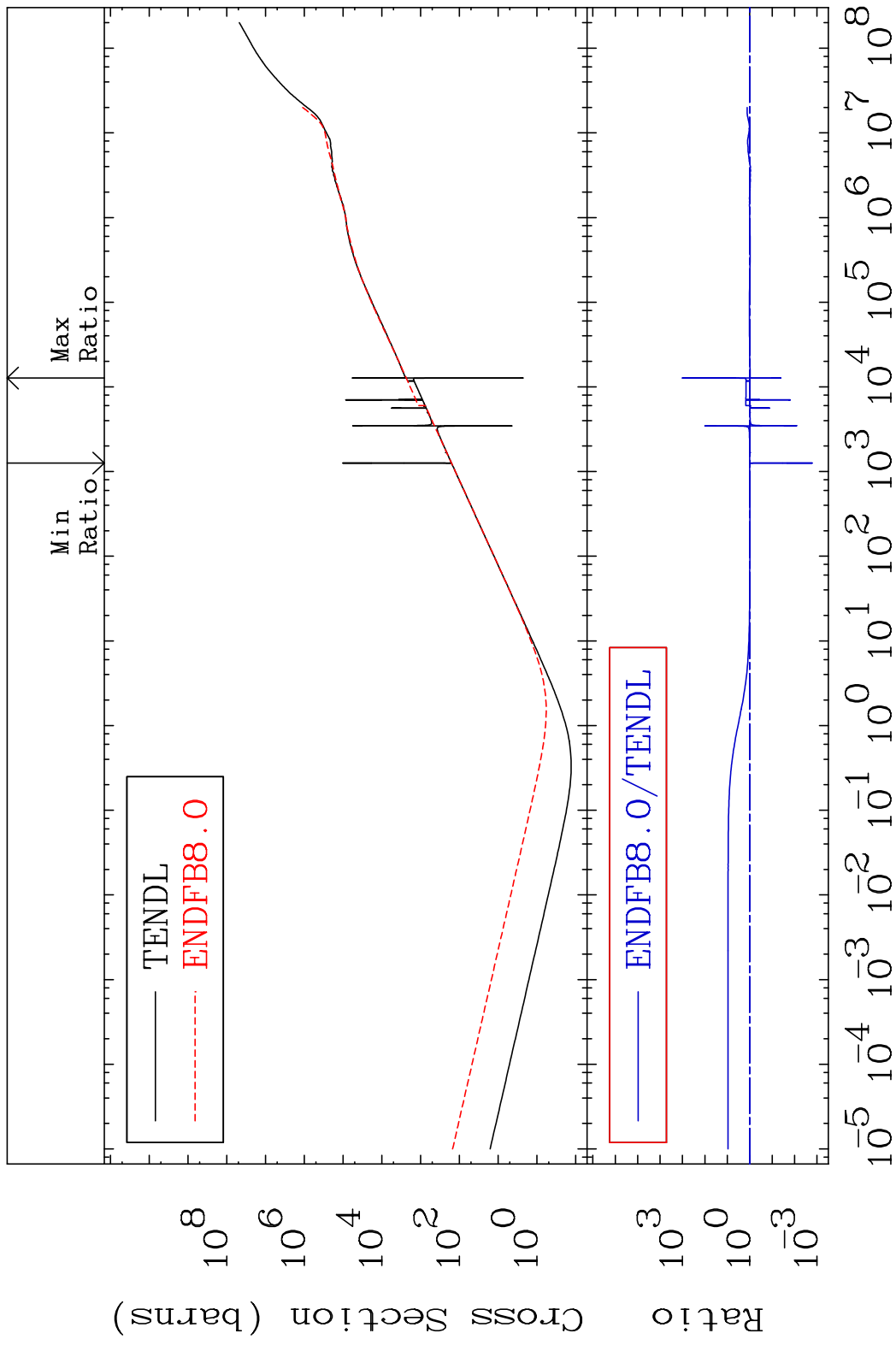
Kerma capture (mt102) 38-Sr-90
Cross Section -97.56 To 9999. %



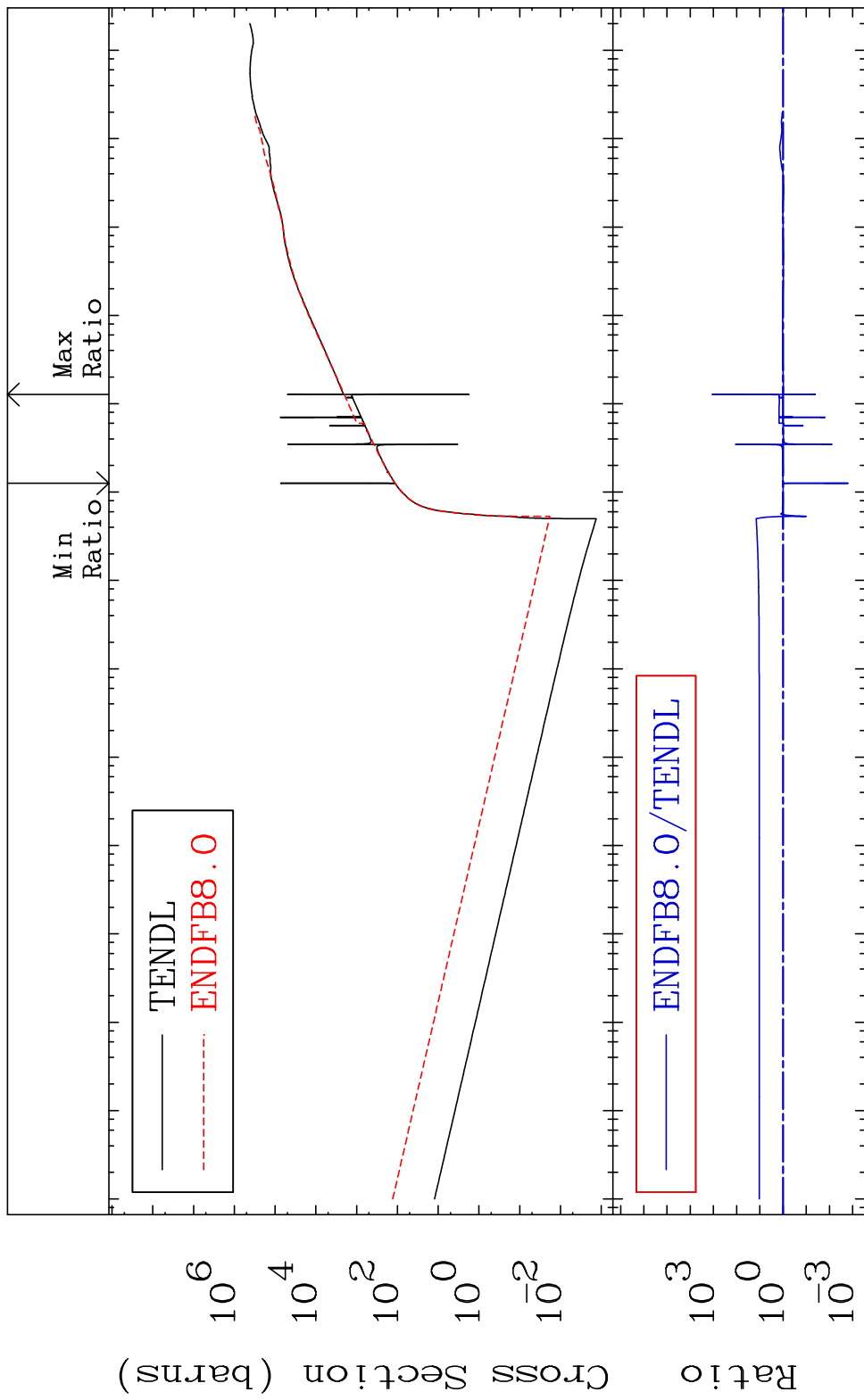
MAT 3843 Total photon (eV-barns) 38-Sr-90
Cross Section -97.56 To 9999. %



MAT 3843 Total kinematic kerma (high limit) 38-Sr-90
 Cross Section -99.84 To 9999. %



MAT 3843 Dpa total (eV-barns) 38-Sr-90
 Cross Section -99.85 To 9999. %



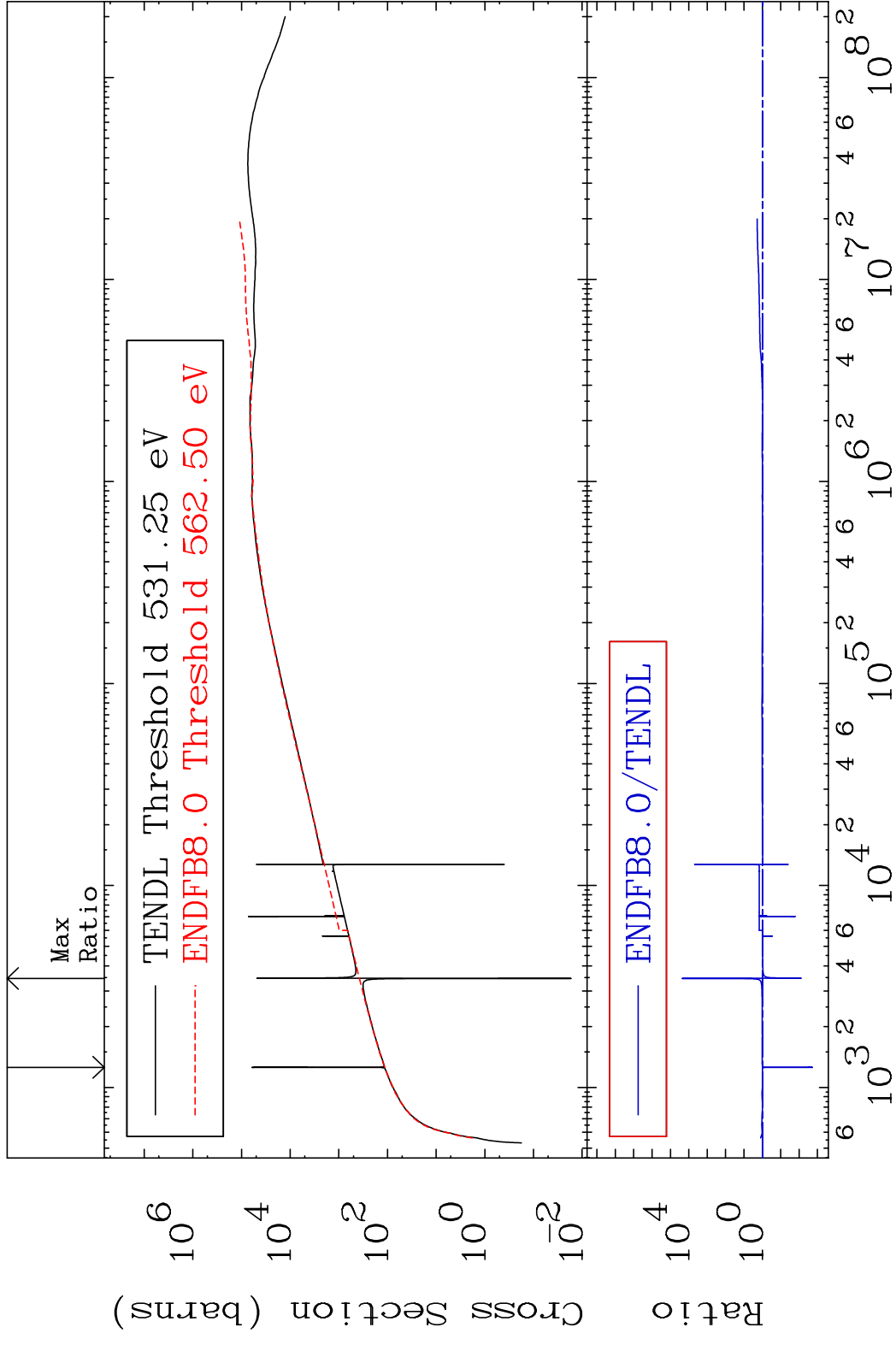
32 Incident Energy (eV) 38-Sr-90

MAT 3843

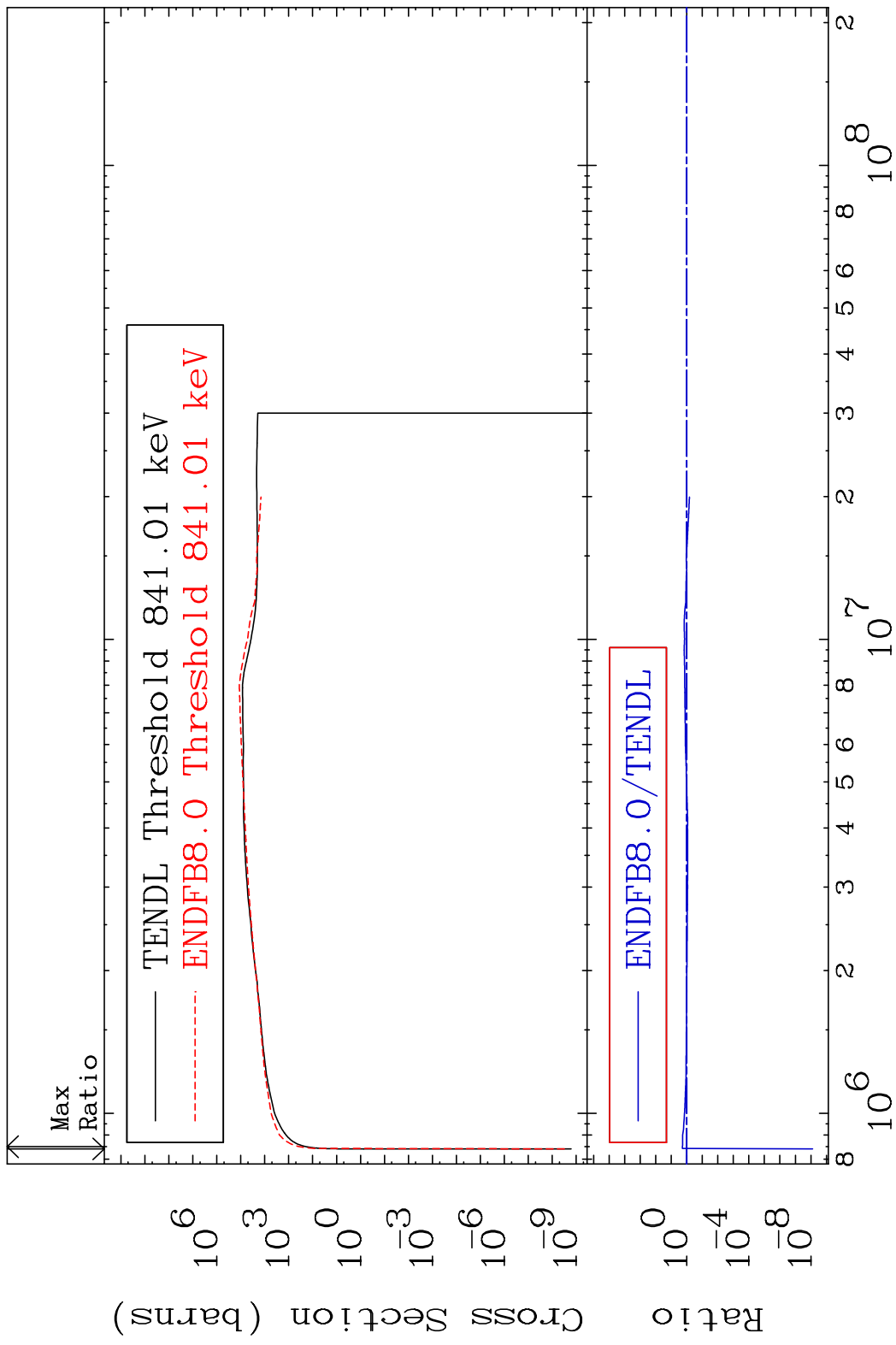
Dpa elastic (mt2)

38-Sr-90

Cross Section -99.81 To 9999. %

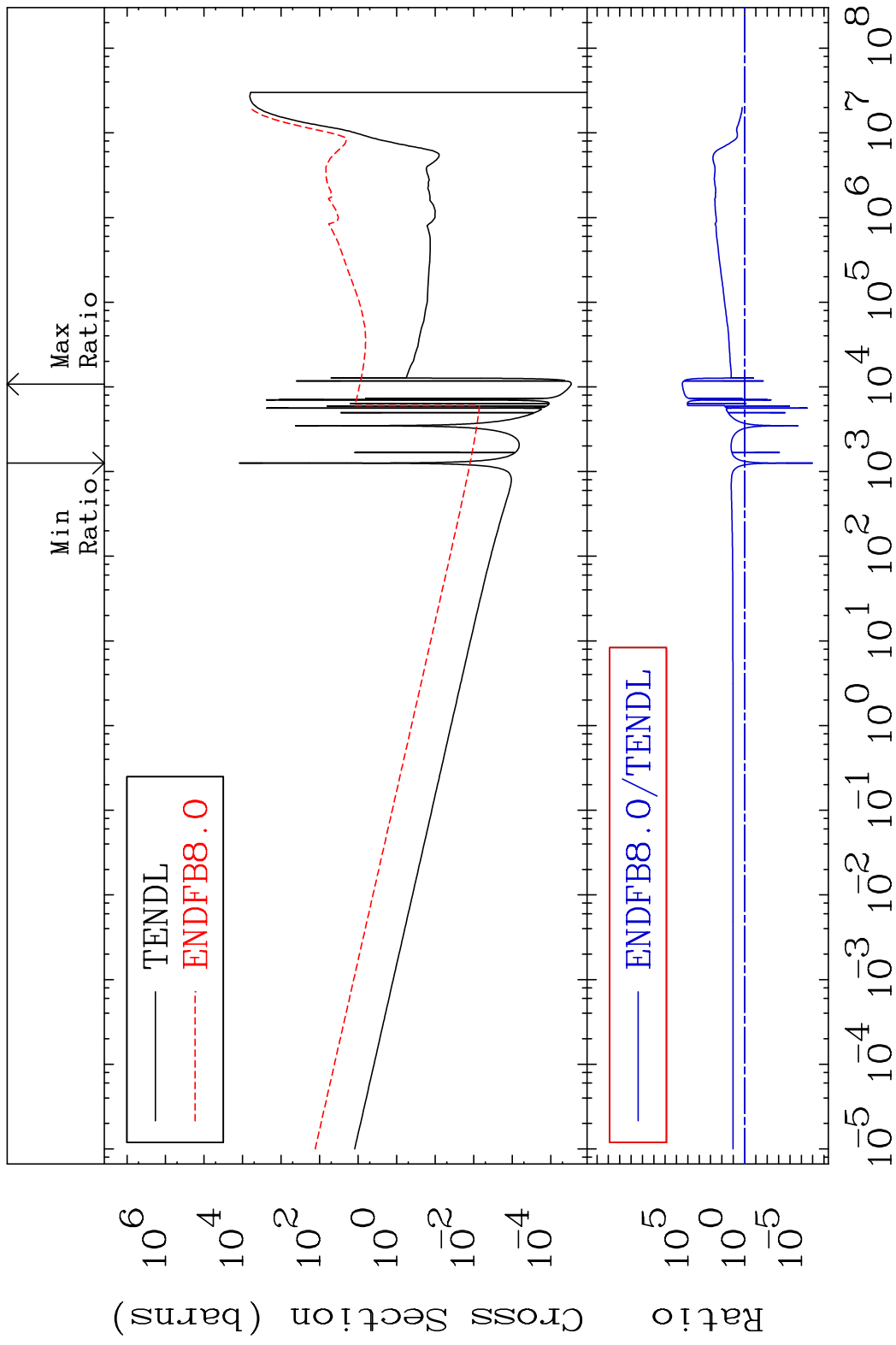


MAT 3843 Dpa inelastic (mt51-91) 38-Sr-90
 Cross Section -100.0 To 92.26 %



34 Incident Energy (eV) 38-Sr-90

MAT 3843 Dpa disappearance (mt102 -120) 38-Sr-90
 Cross Section -100.0 To 9999. %



35 Incident Energy (eV) 38-Sr-90