

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

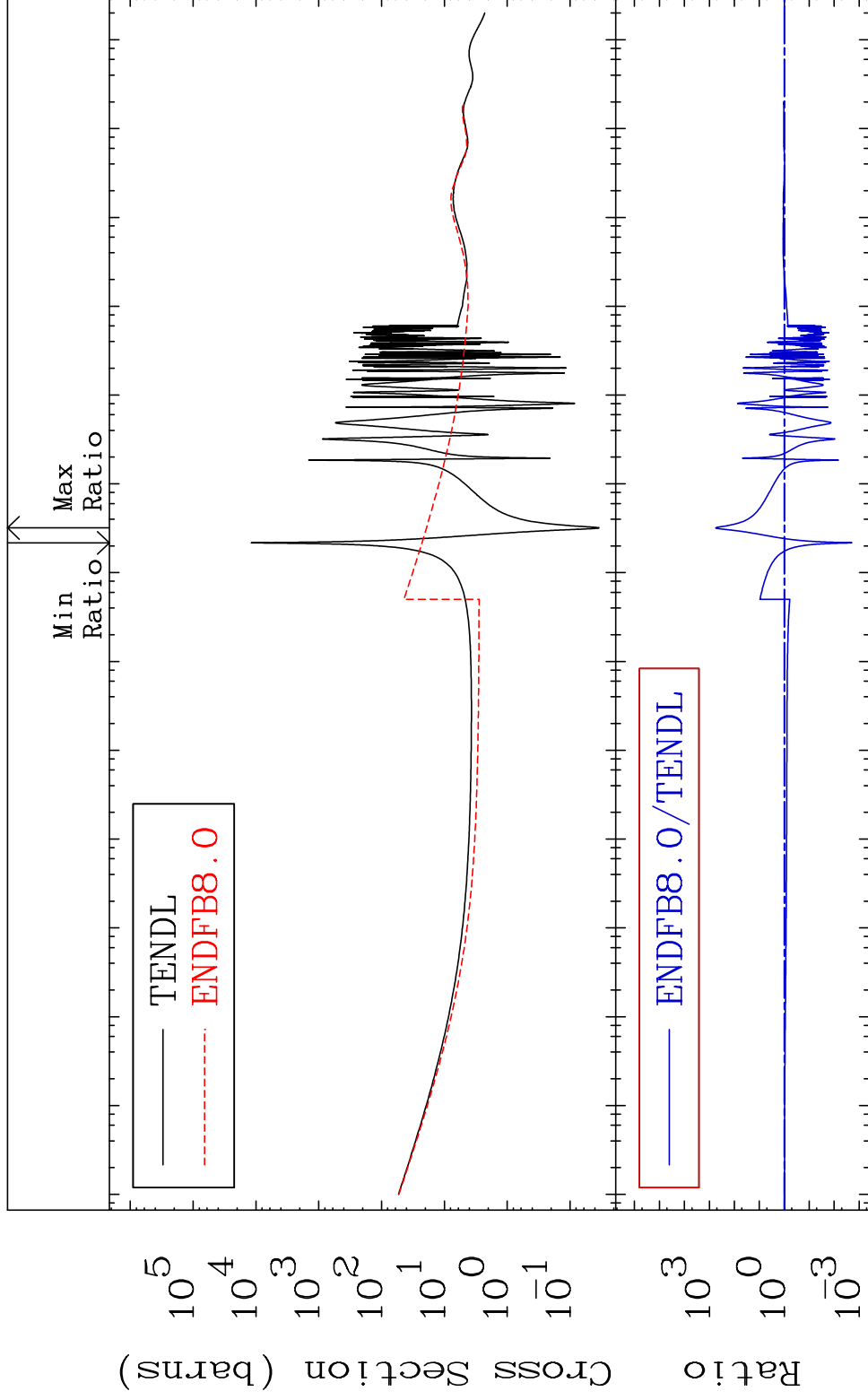
MAT 5849

Total

58-Ce-144

Cross Section

-99.81 To 9999. %



1

Incident Energy (eV)

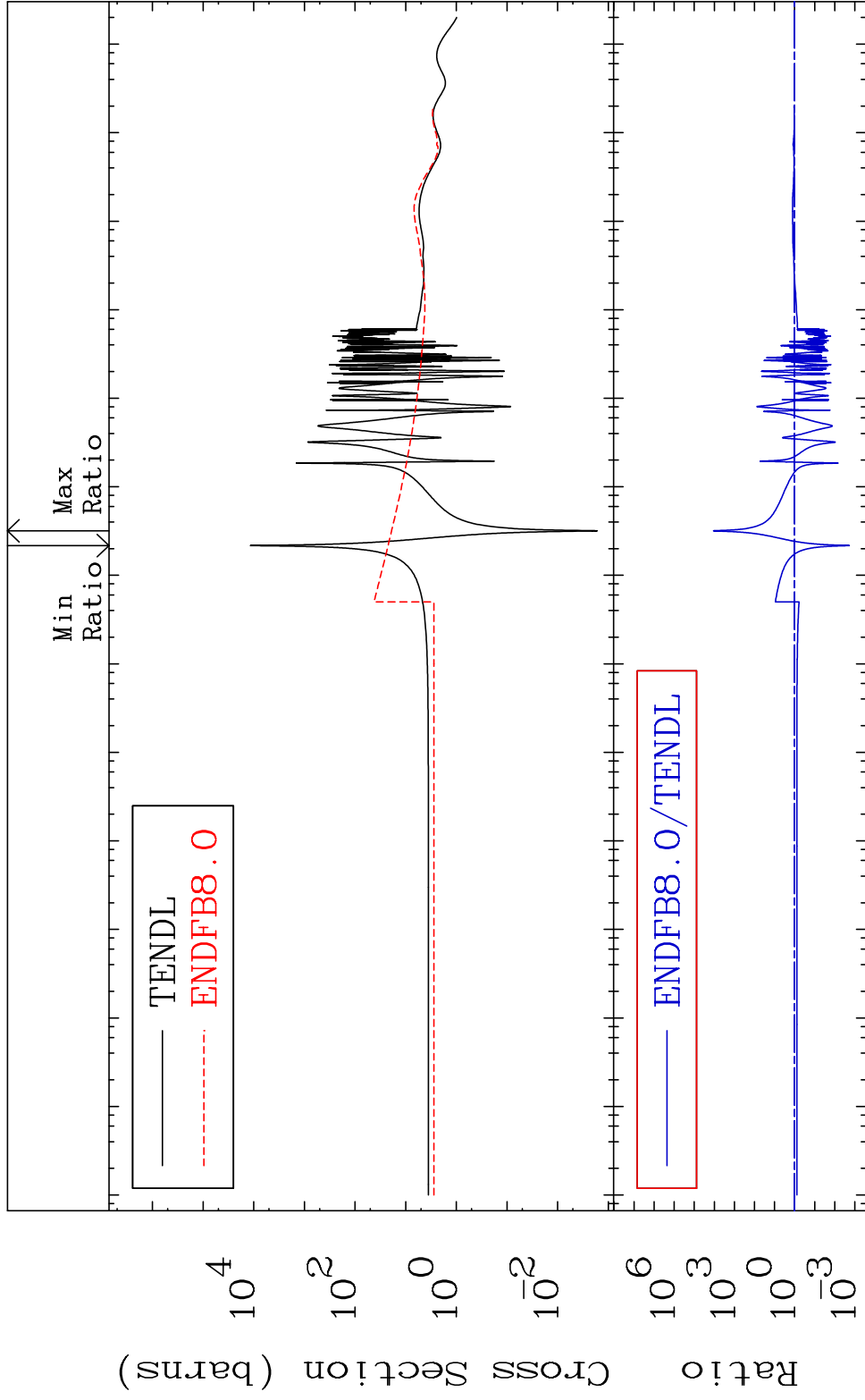
58-Ce-144

MAT 5849

Elastic

58-Ce-144

Cross Section -99.81 To 9999. %

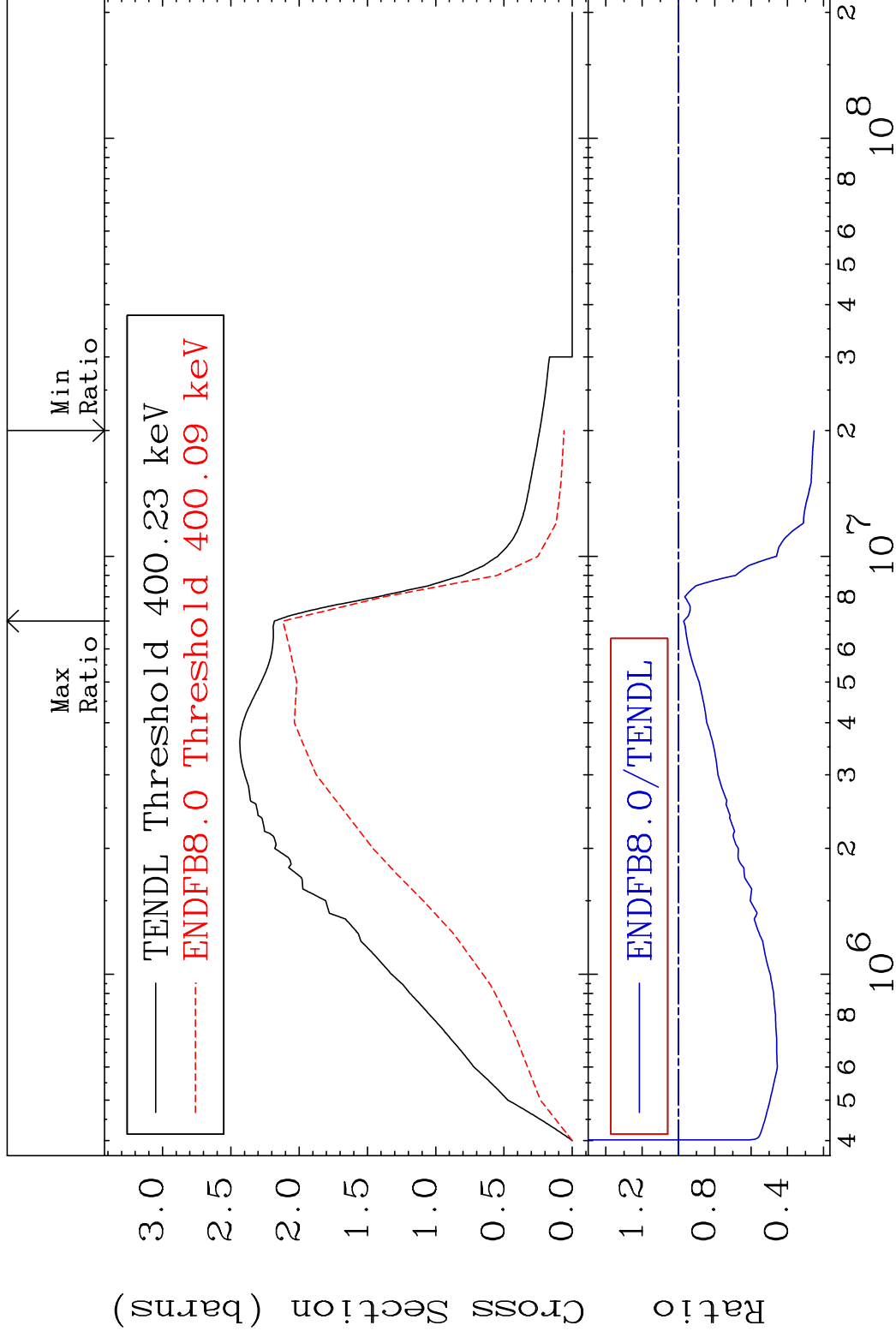


MAT 5849

Inelastic

58-Ce-144

Cross Section -74.76 To -2.877%



3

Incident Energy (eV)

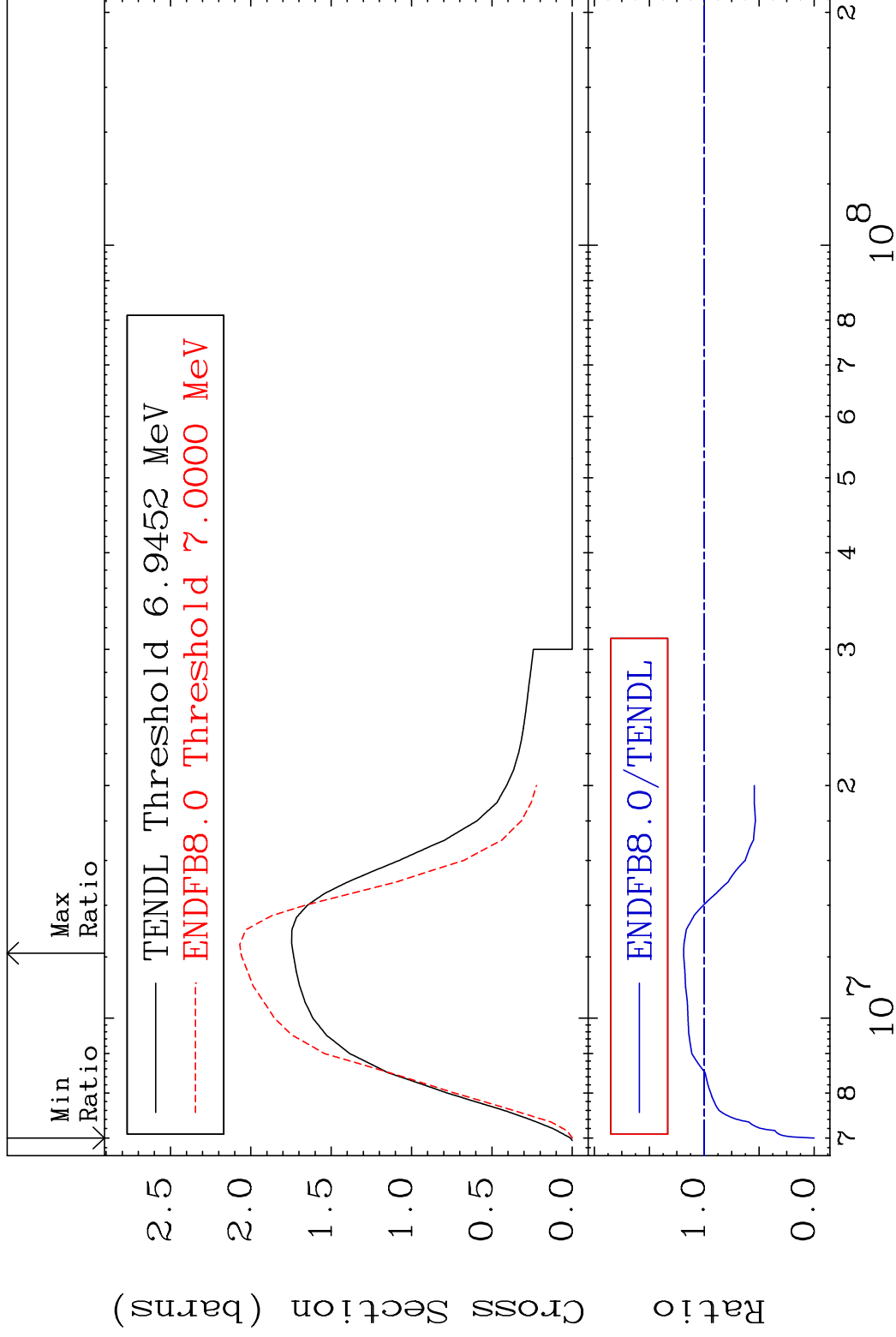
58-Ce-144

MAT 5849

(n,2n)

58-Ce-144

Cross Section -100.0 To 18.74 %



4

Incident Energy (eV)

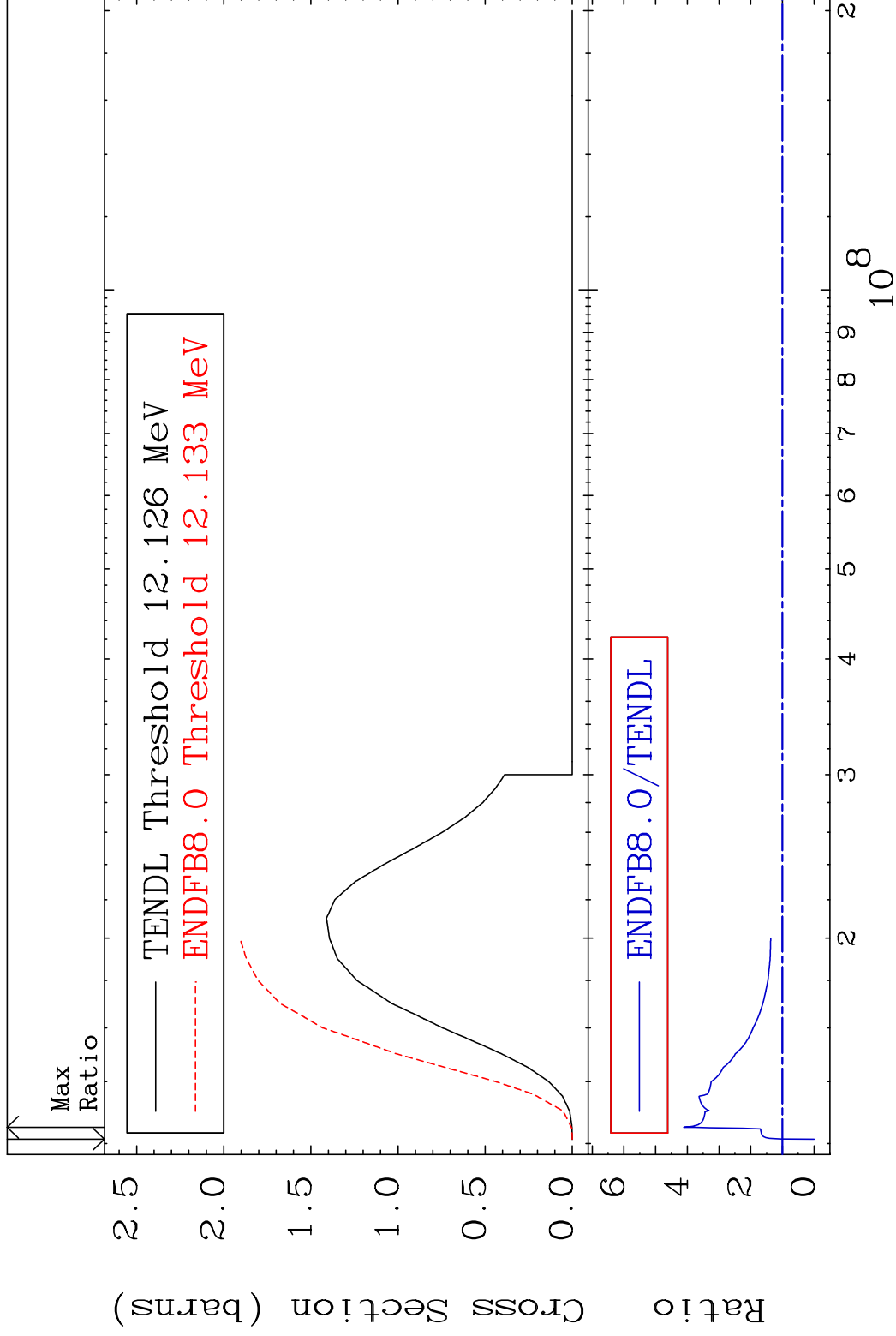
58-Ce-144

MAT 5849

(n,3n)

58-Ce-144

Cross Section -100.0 To 311.5 %



5

Incident Energy (eV)

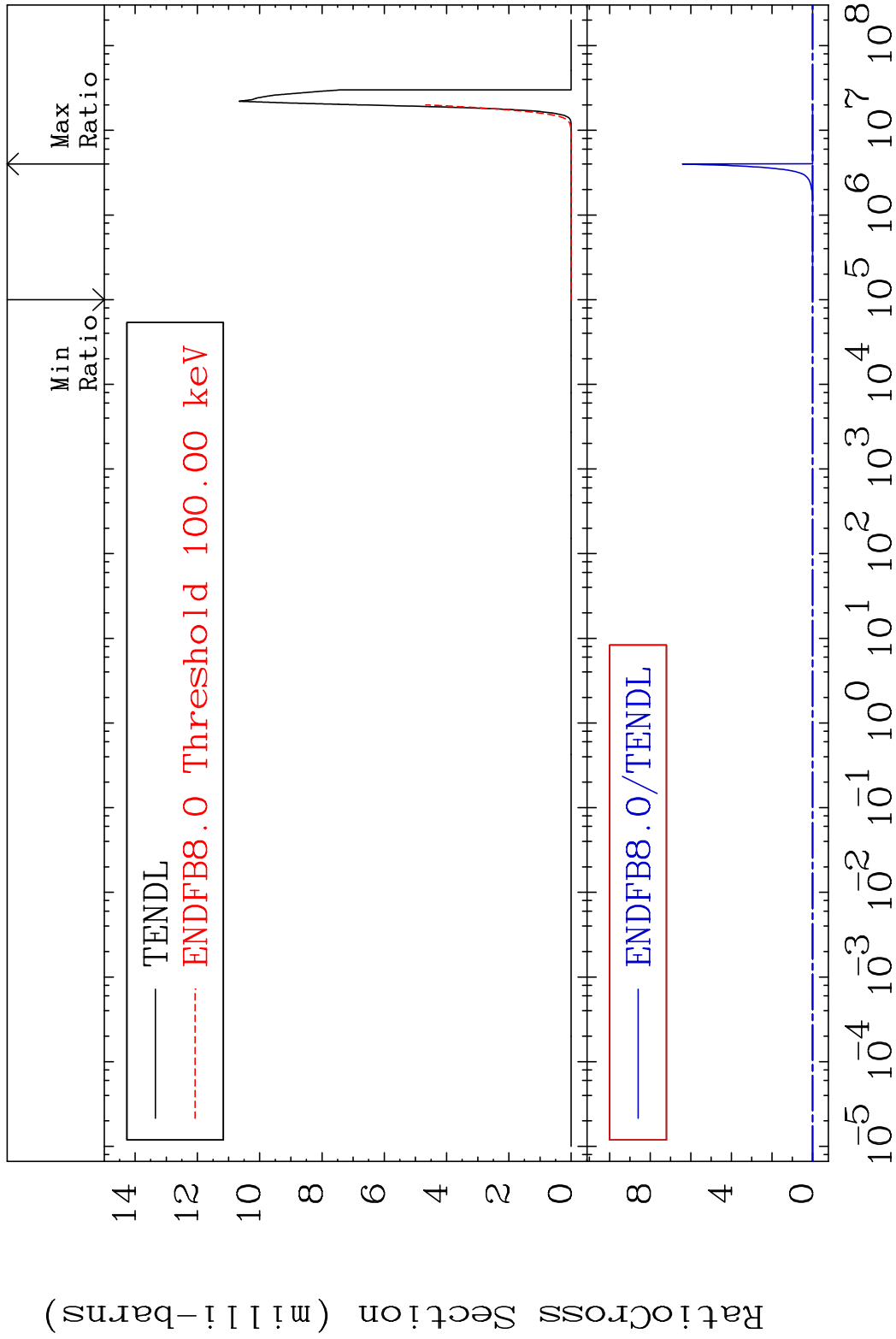
58-Ce-144

MAT 5849

(n, n') α

58-Ce-144

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

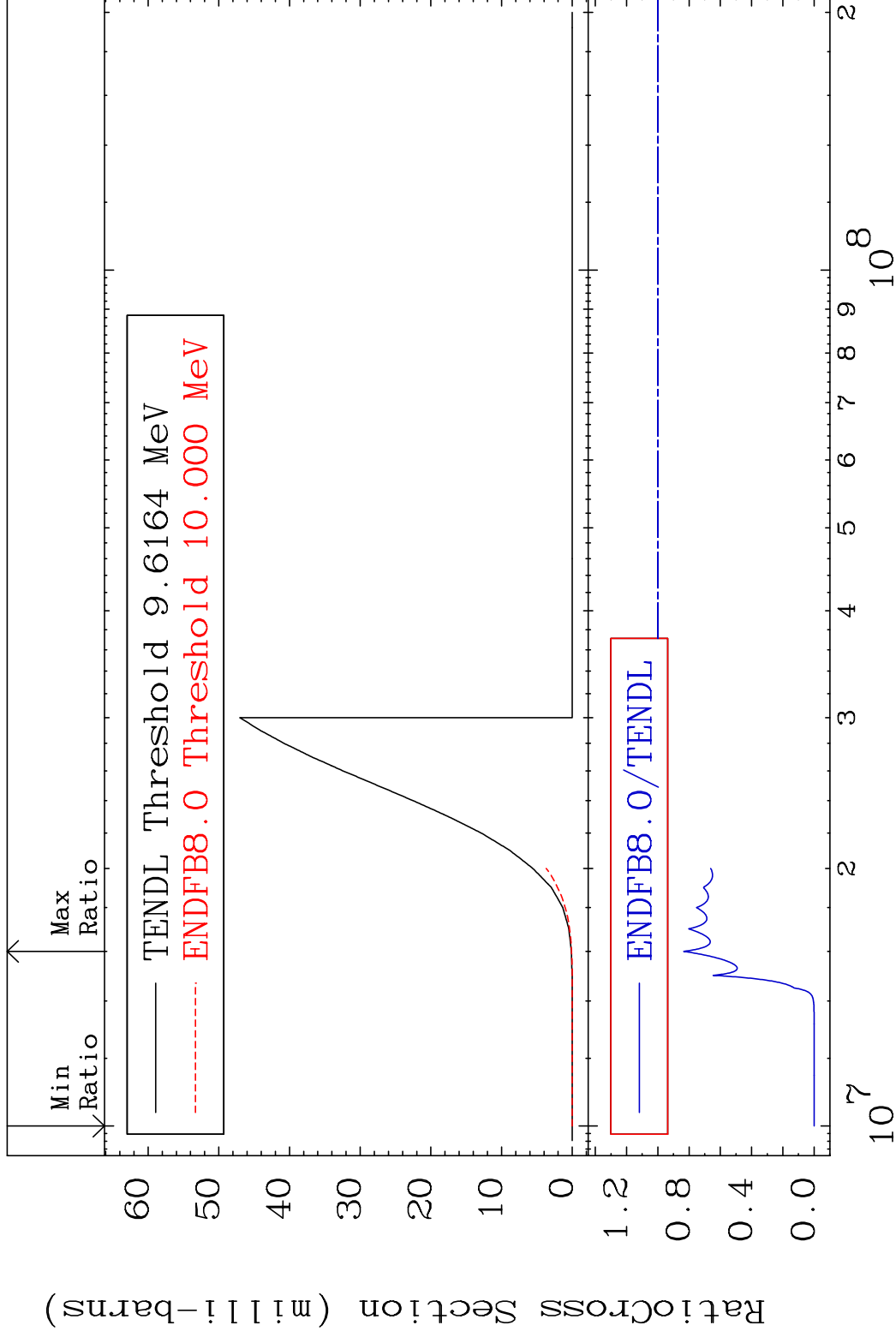
58-Ce-144

MAT 5849

(n, n') p

58-Ce-144

Cross Section -100.0 To -16.52%



7

Incident Energy (eV)

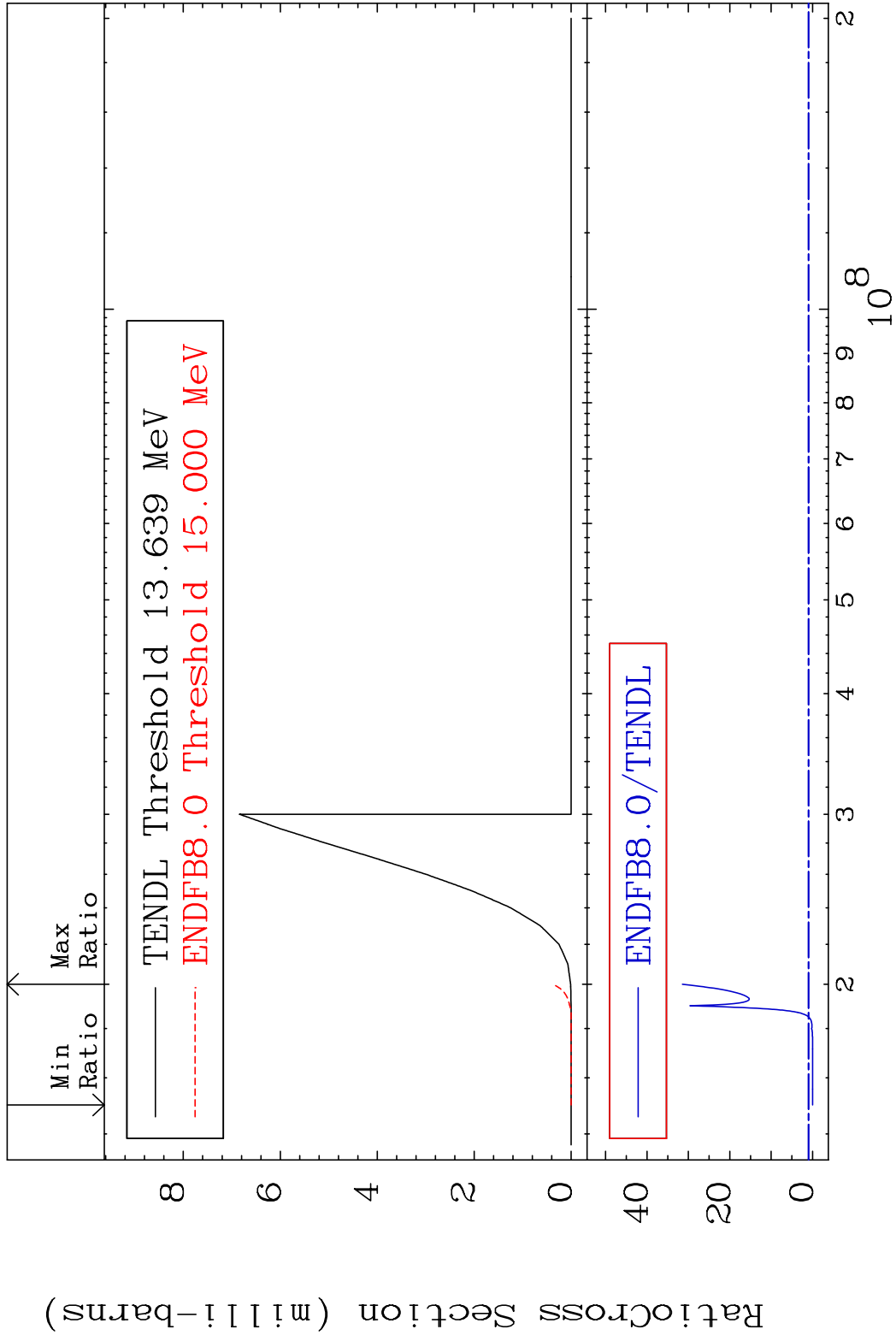
58-Ce-144

MAT 5849

(n, n') d

58-Ce-144

Cross Section -100.0 To 3046. %

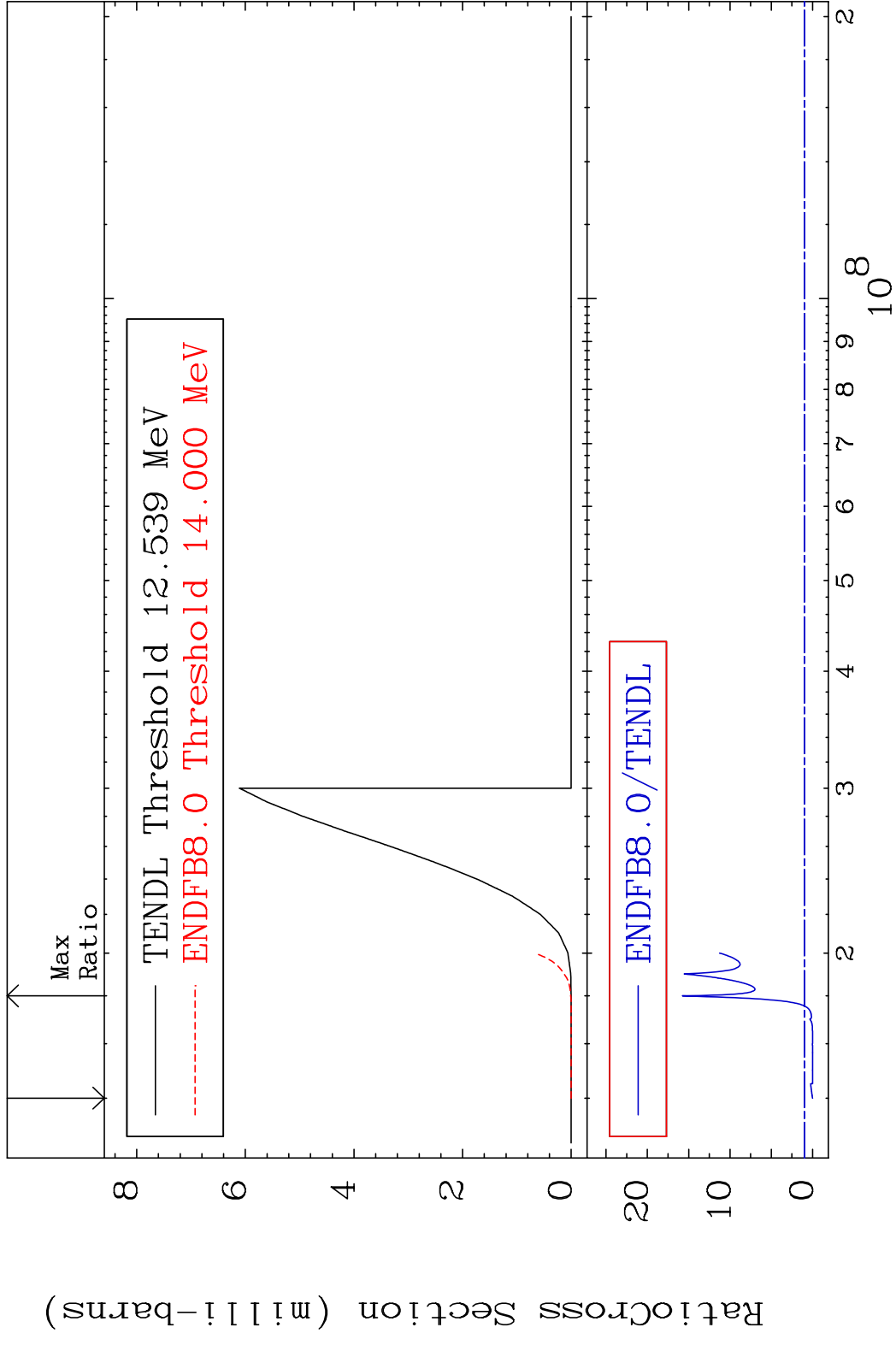


8

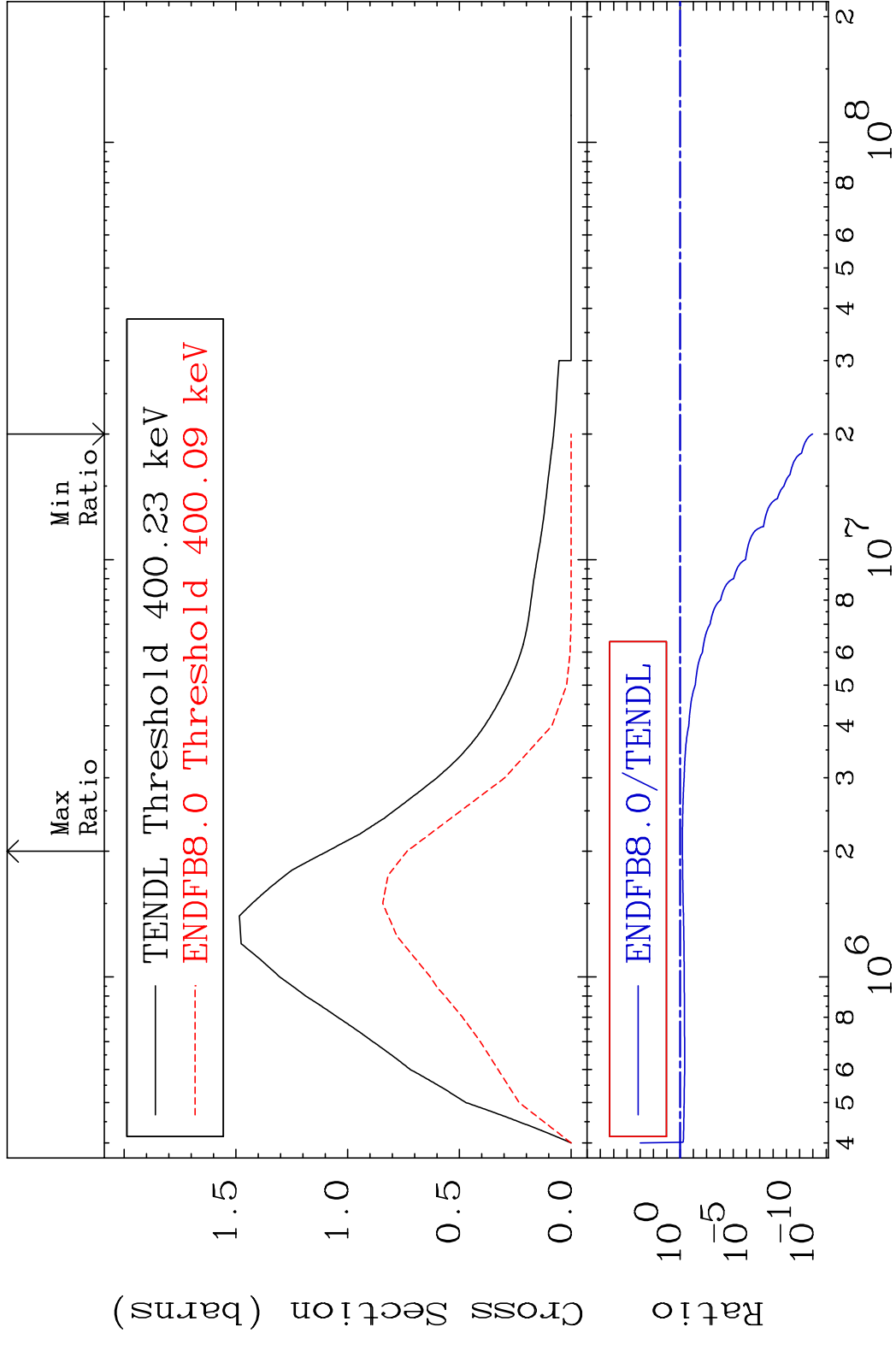
Incident Energy (eV)

58-Ce-144

MAT 5849 (n, n') t 58-Ce-144
 Cross Section -100.0 To 1476. %

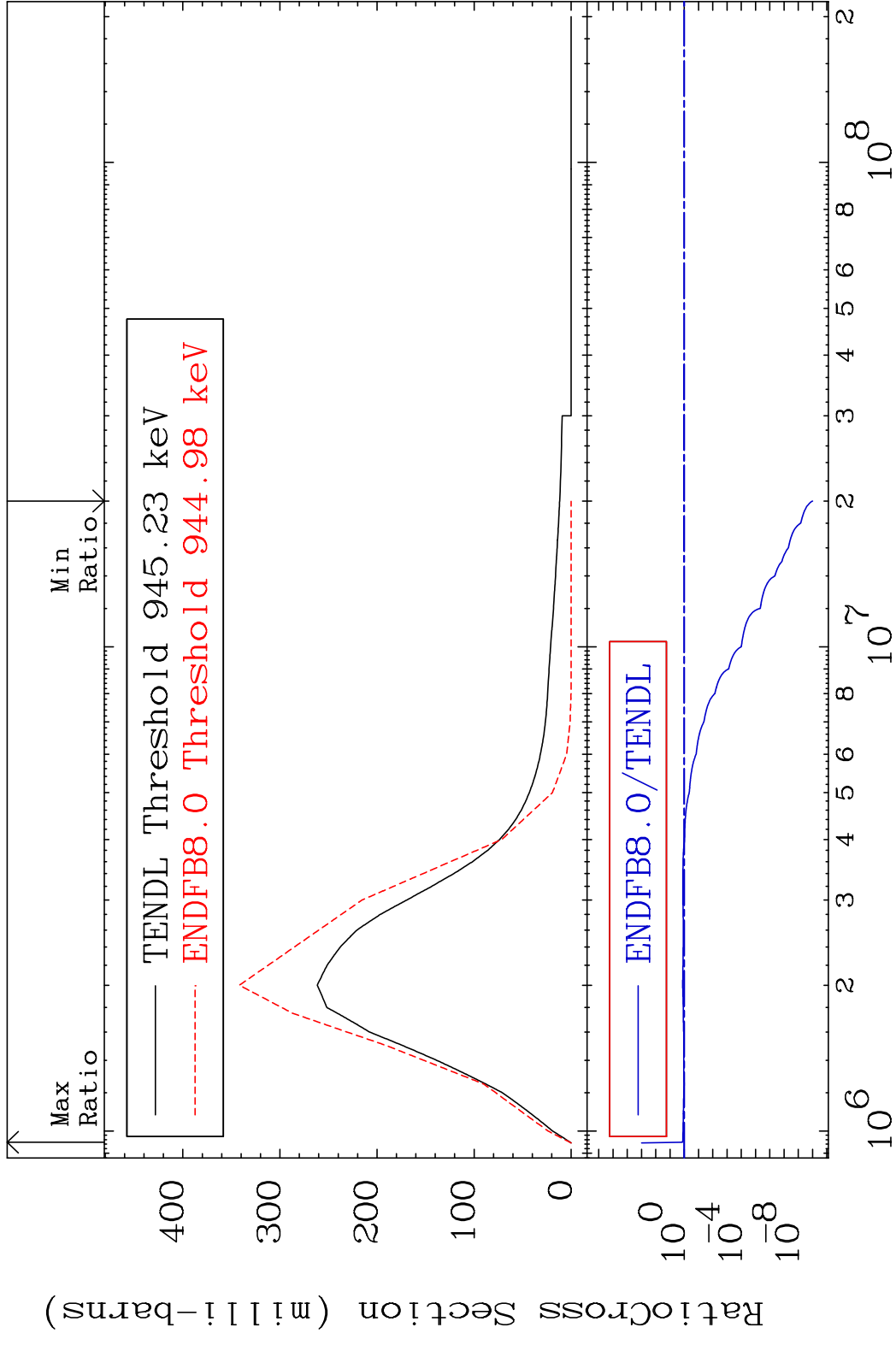


MAT 5849 MT= 51 (n, n') Level 58-Ce-144
 Cross Section -100.0 To -32.60%



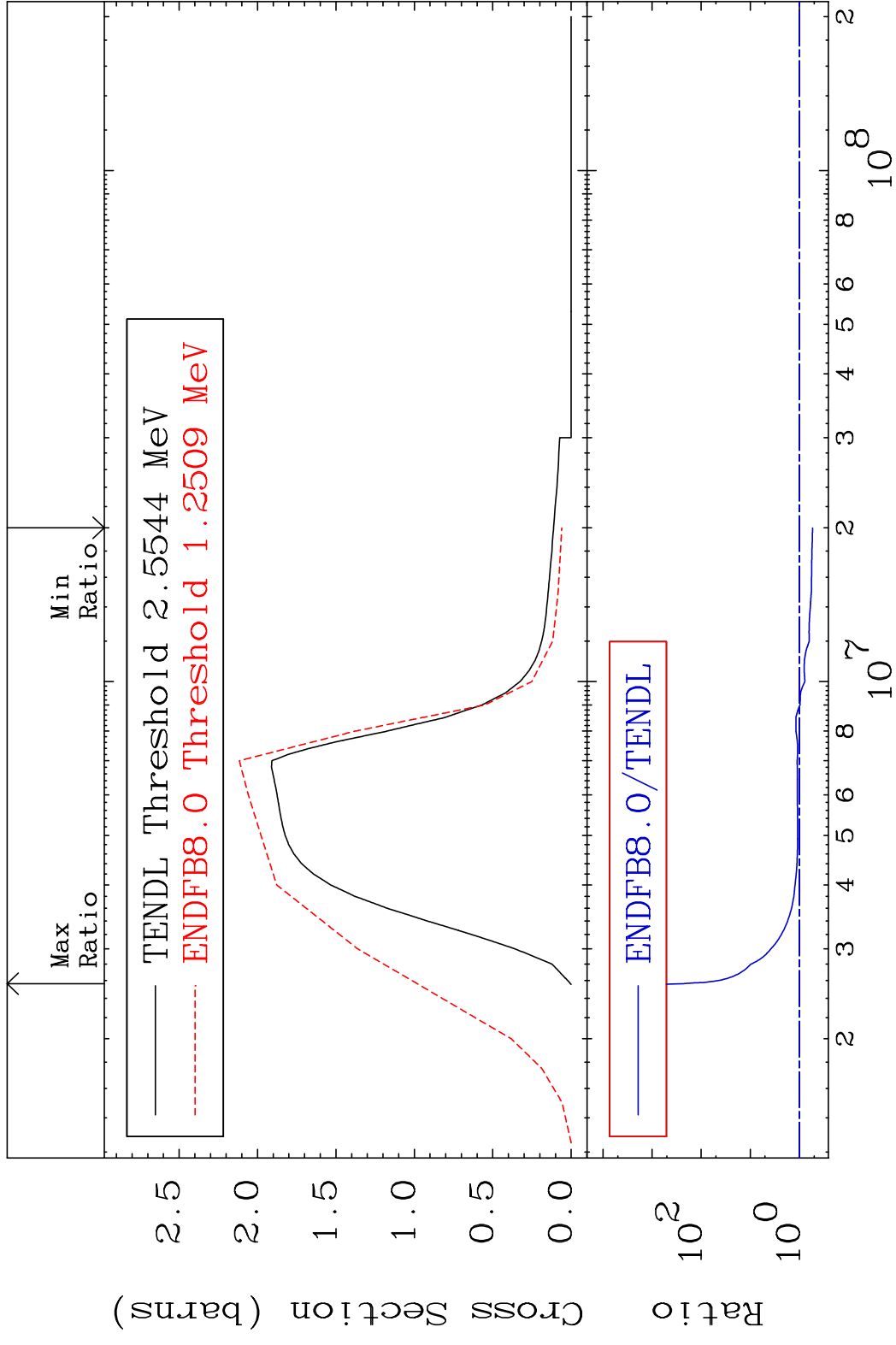
10 Incident Energy (eV) 58-Ce-144

MAT 5849 MT= 52 (n, n') Level 58-Ce-144
 Cross Section -100.0 To 37.15 %



11 Incident Energy (eV) 58-Ce-144

MAT 5849 (n, n') Continuum 58-Ce-144
 Cross Section -46.22 To 9999. %

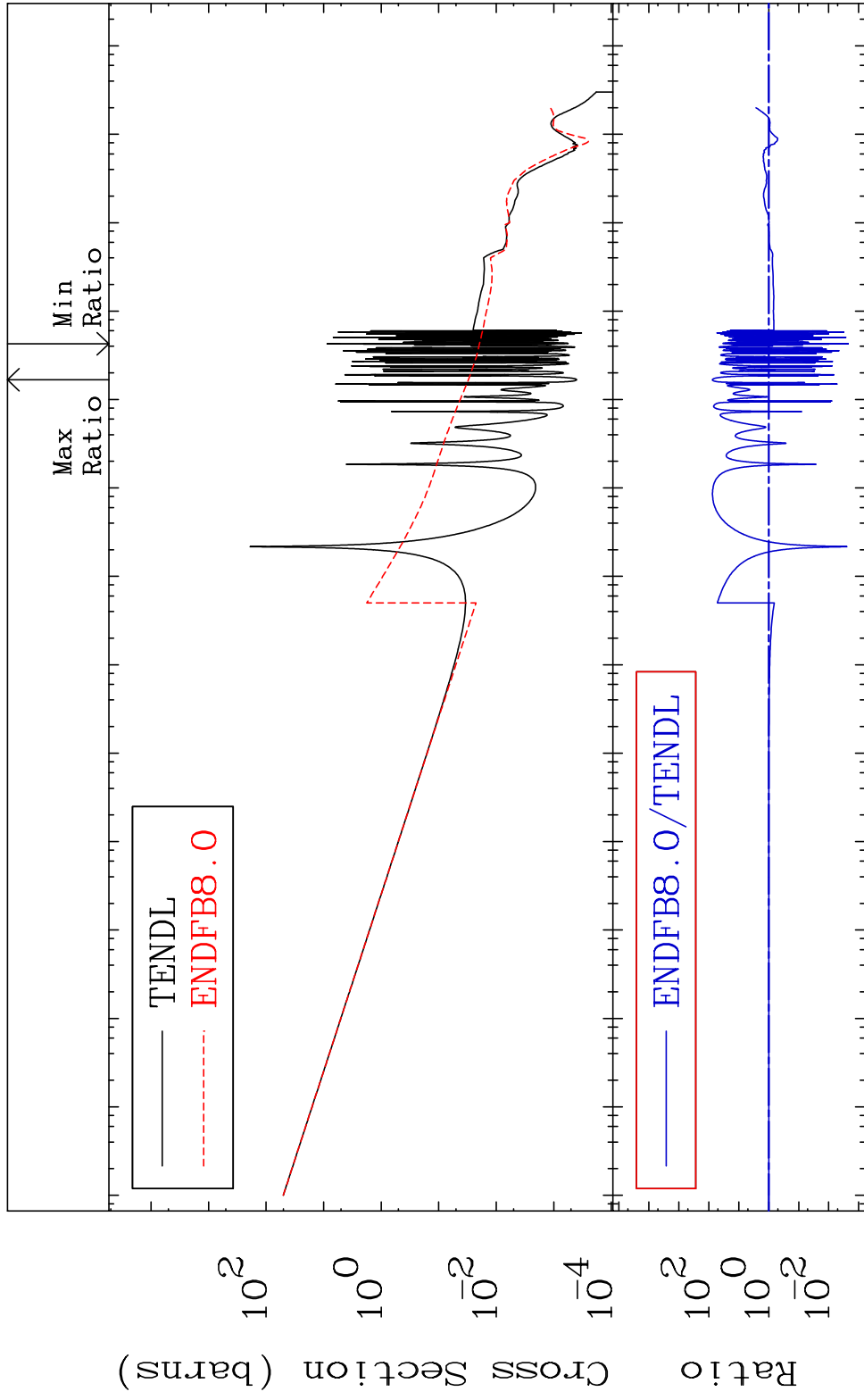


MAT 5849

(n, γ)

58-Ce-144

Cross Section -99.78 To 7513. %



13

Incident Energy (eV)

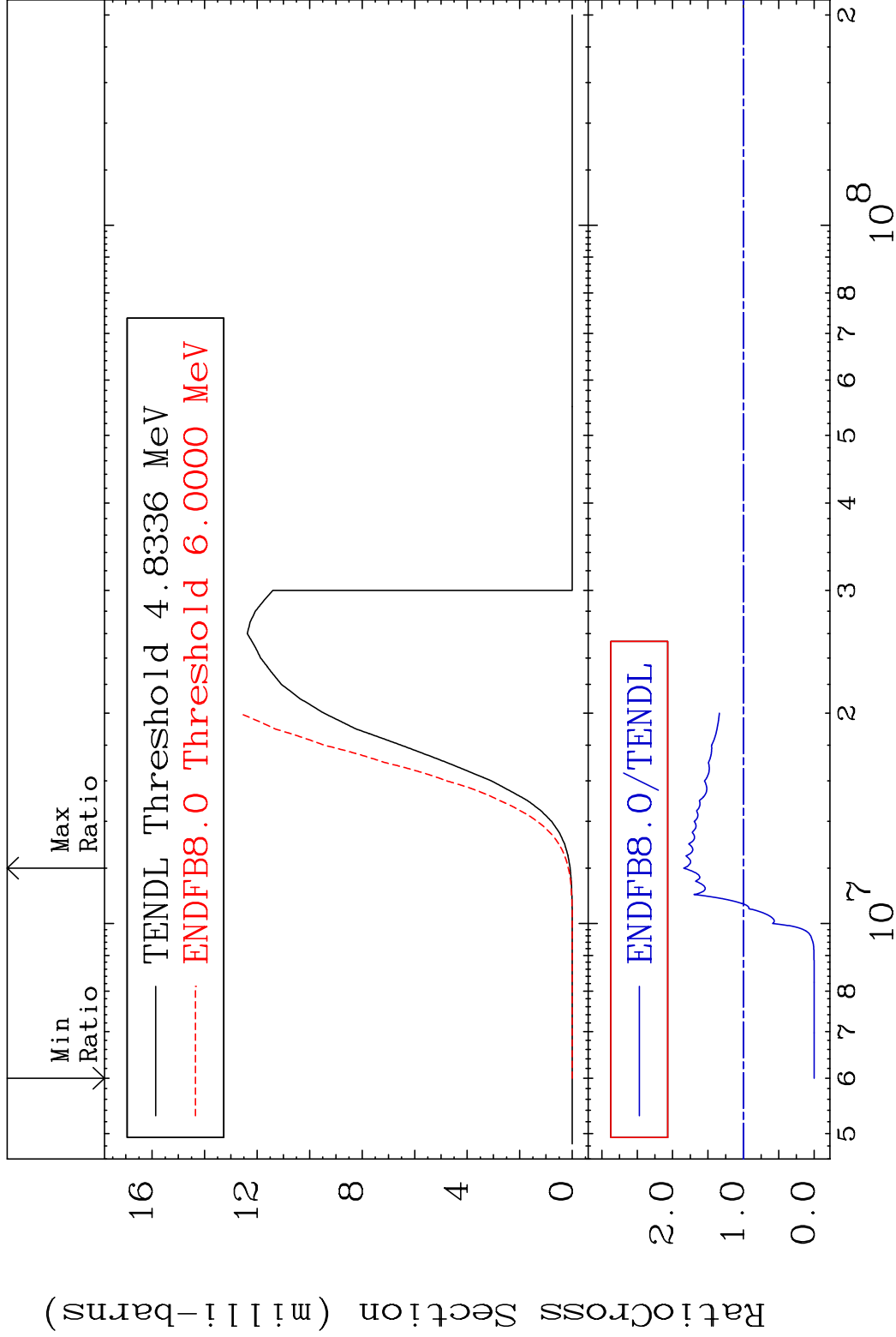
58-Ce-144

MAT 5849

(n,p)

58-Ce-144

Cross Section -100.0 To 84.38 %

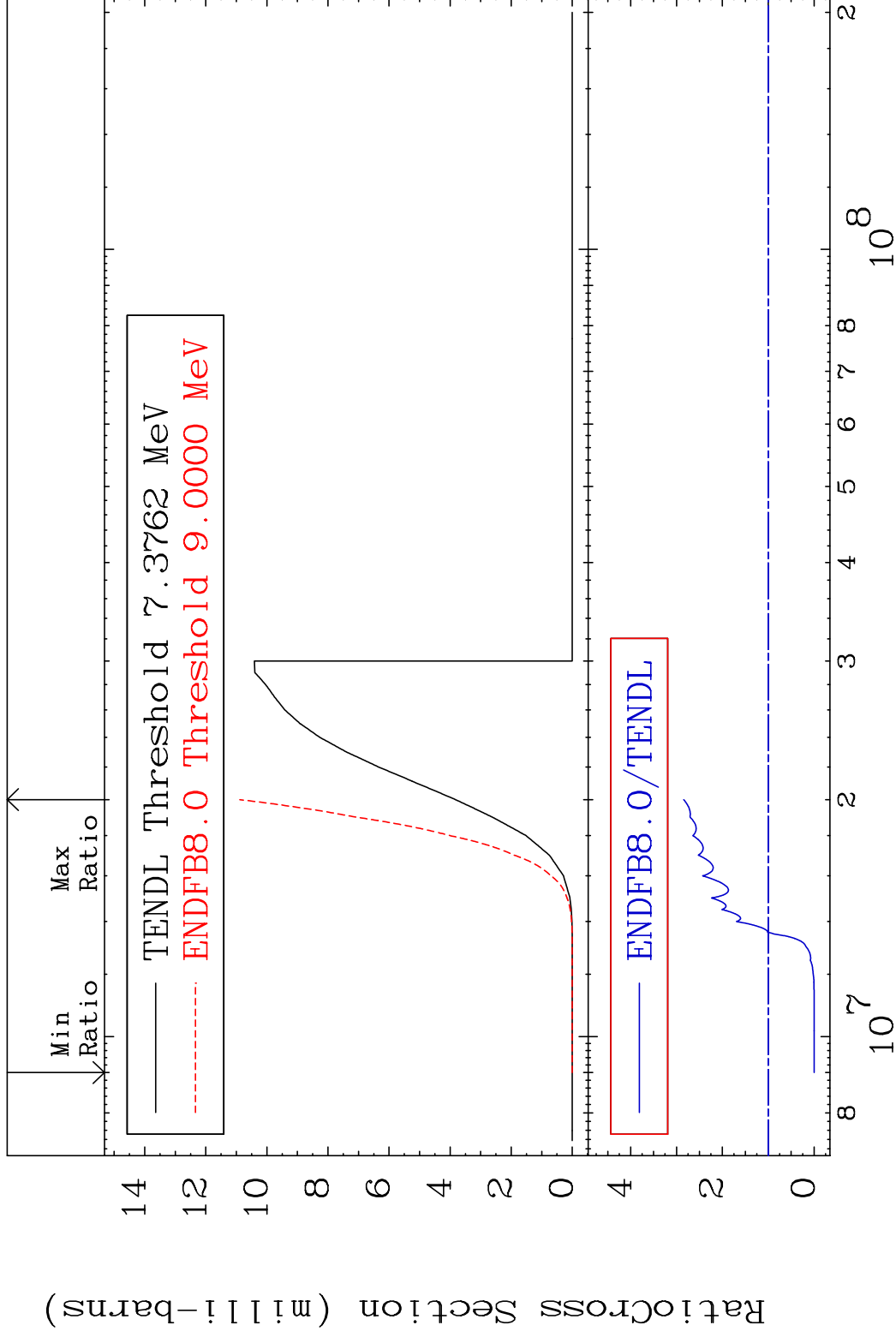


MAT 5849

(n, d)

58-Ce-144

Cross Section -100.0 To 184.5 %



15

Incident Energy (eV)

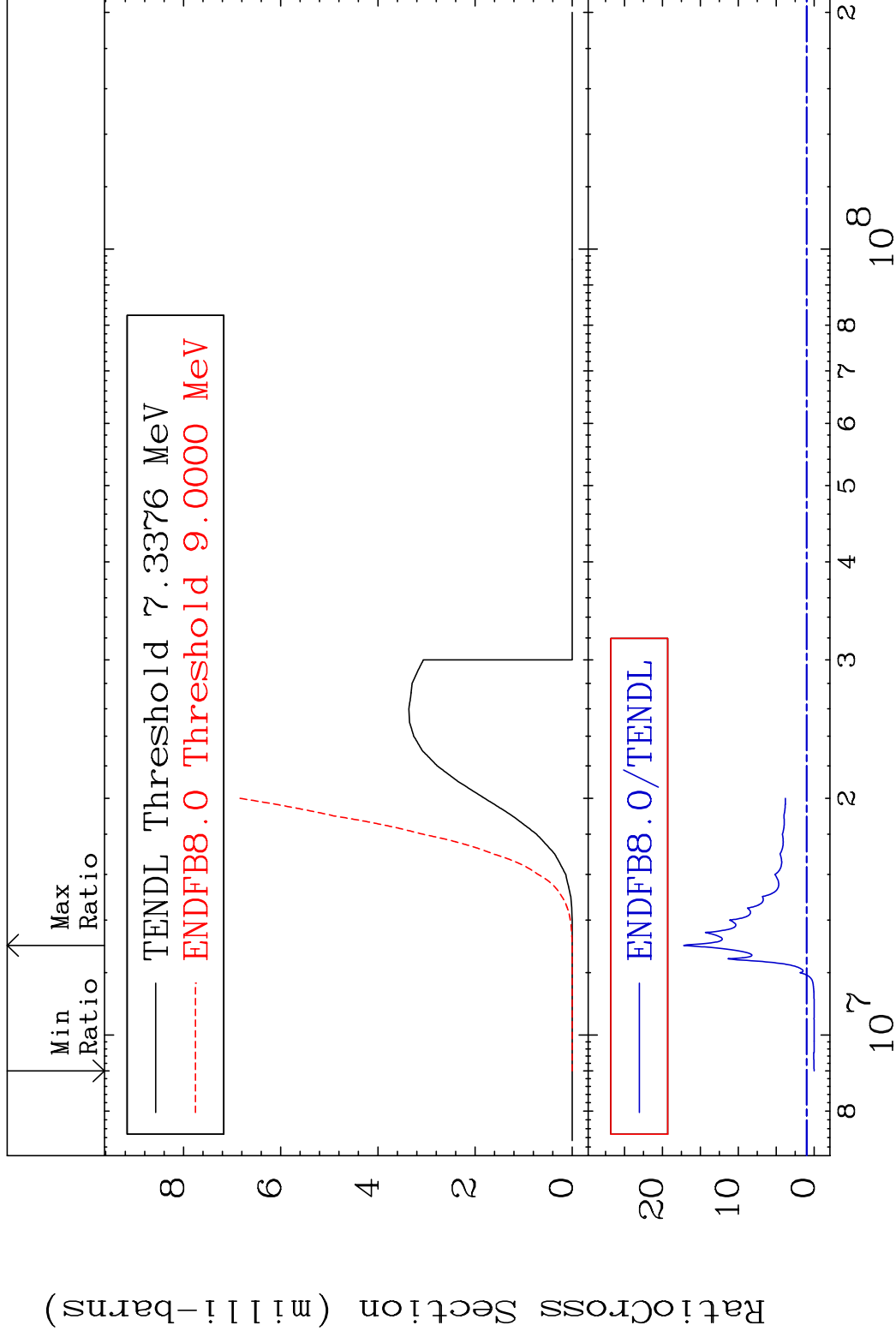
58-Ce-144

MAT 5849

(n, t)

58-Ce-144

Cross Section -100.0 To 1619. %



16

Incident Energy (eV)

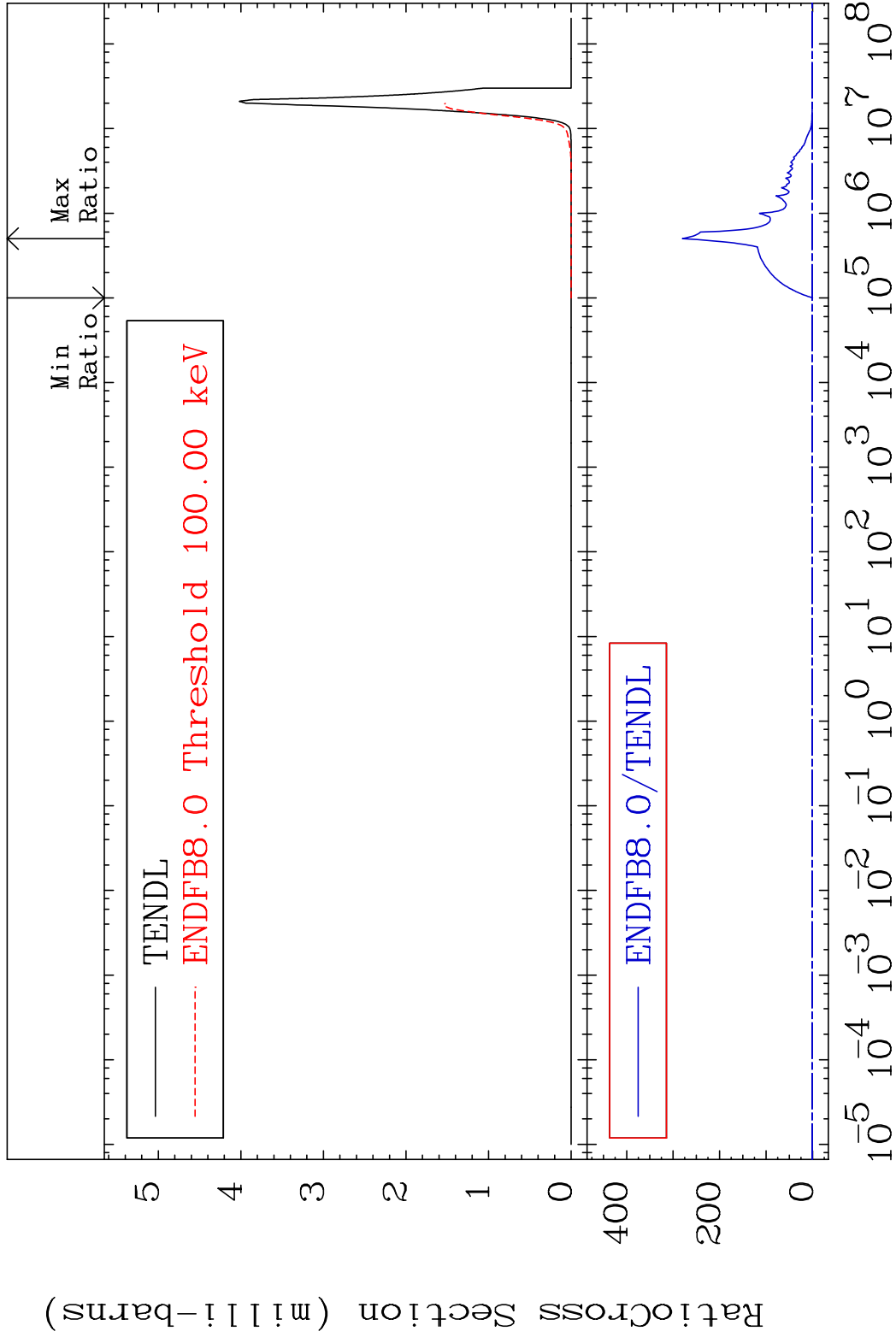
58-Ce-144

MAT 5849

(n, α)

58-Ce-144

Cross Section -100.0 To 9999. %



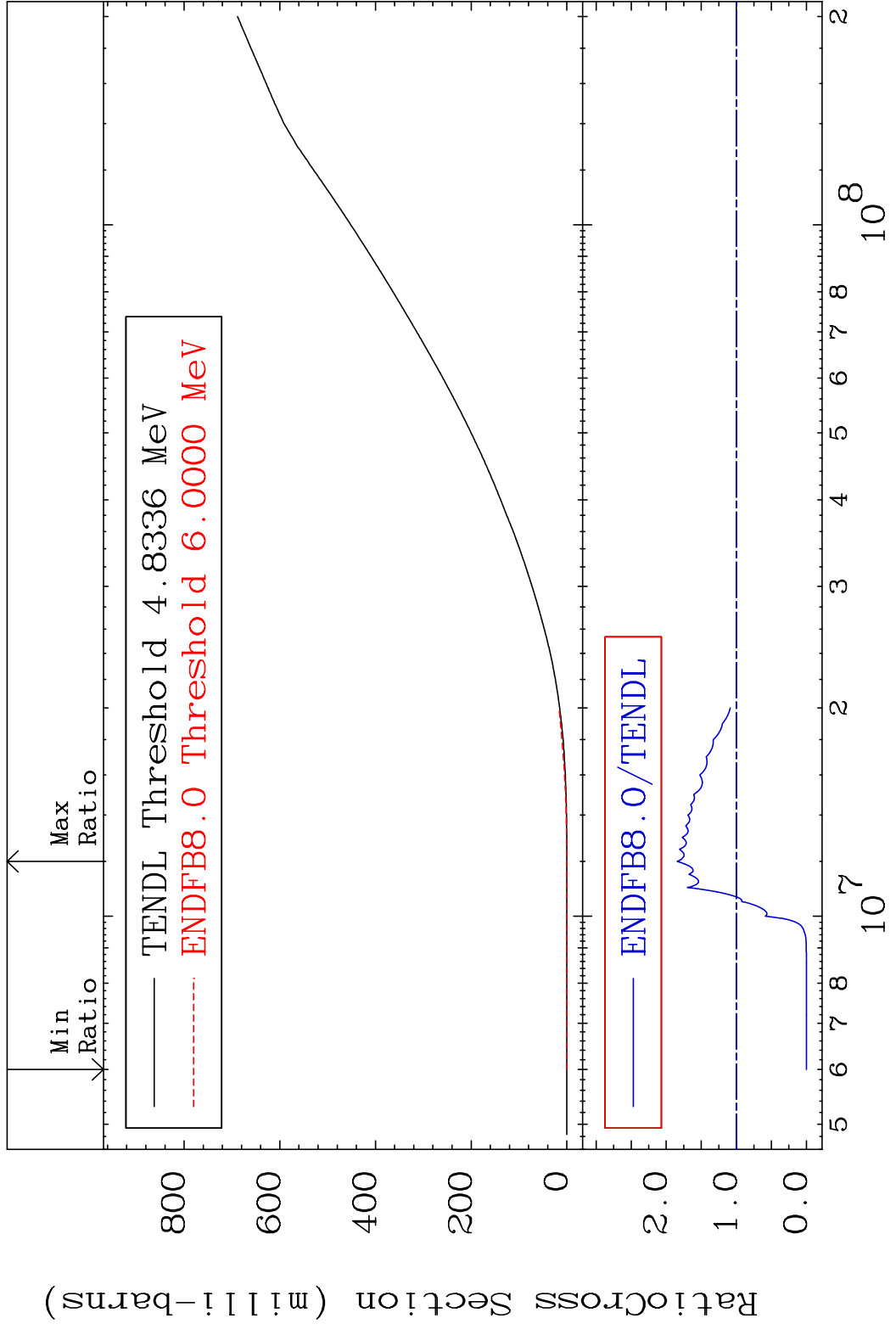
17

Incident Energy (eV)

58-Ce-144

MAT 5849

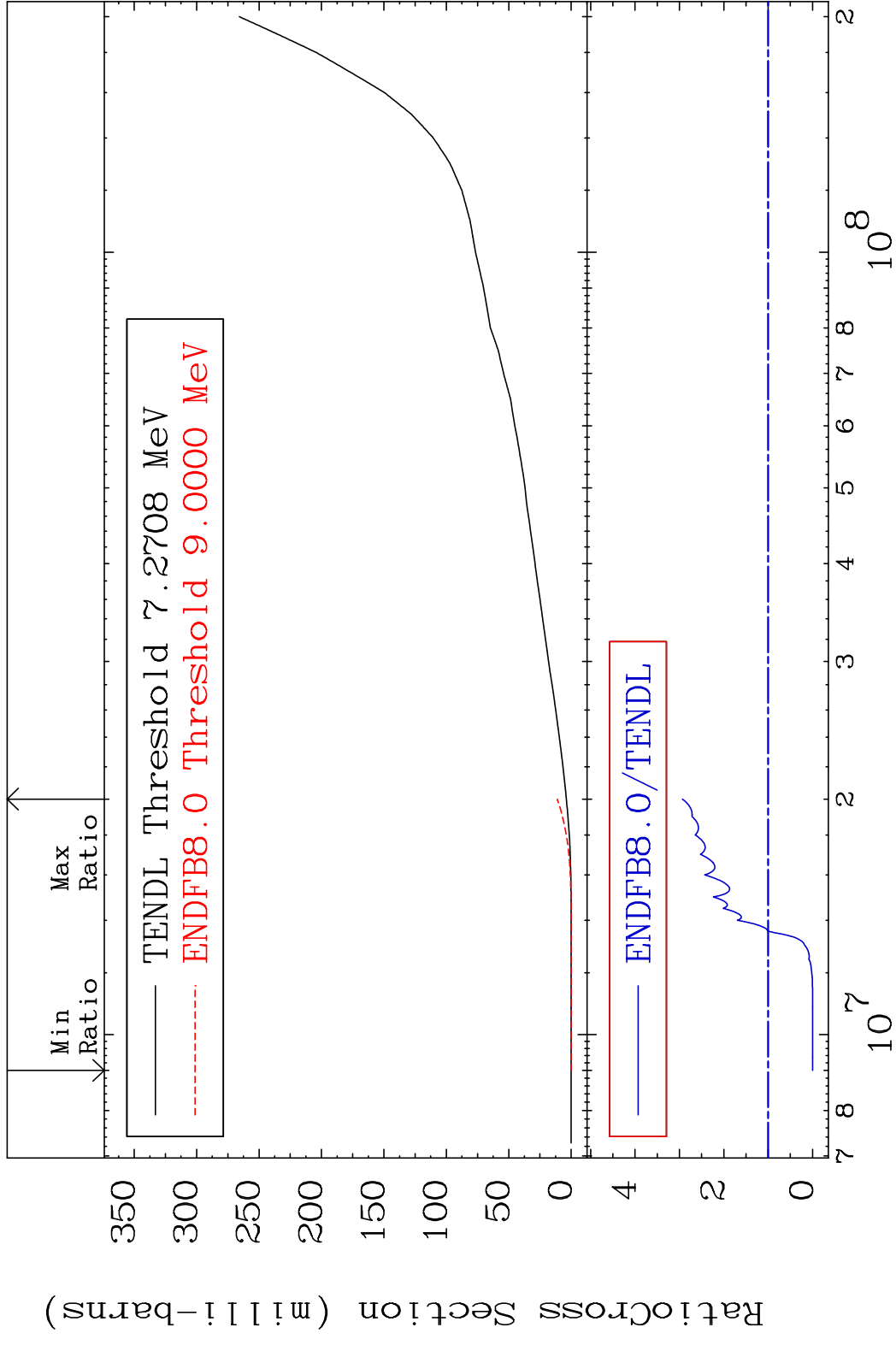
Hydrogen Production 58-Ce-144
Cross Section -100.0 To 84.38 %



MAT 5849

Deuterium Production 58-Ce-144

Cross Section -100.0 To 193.4 %



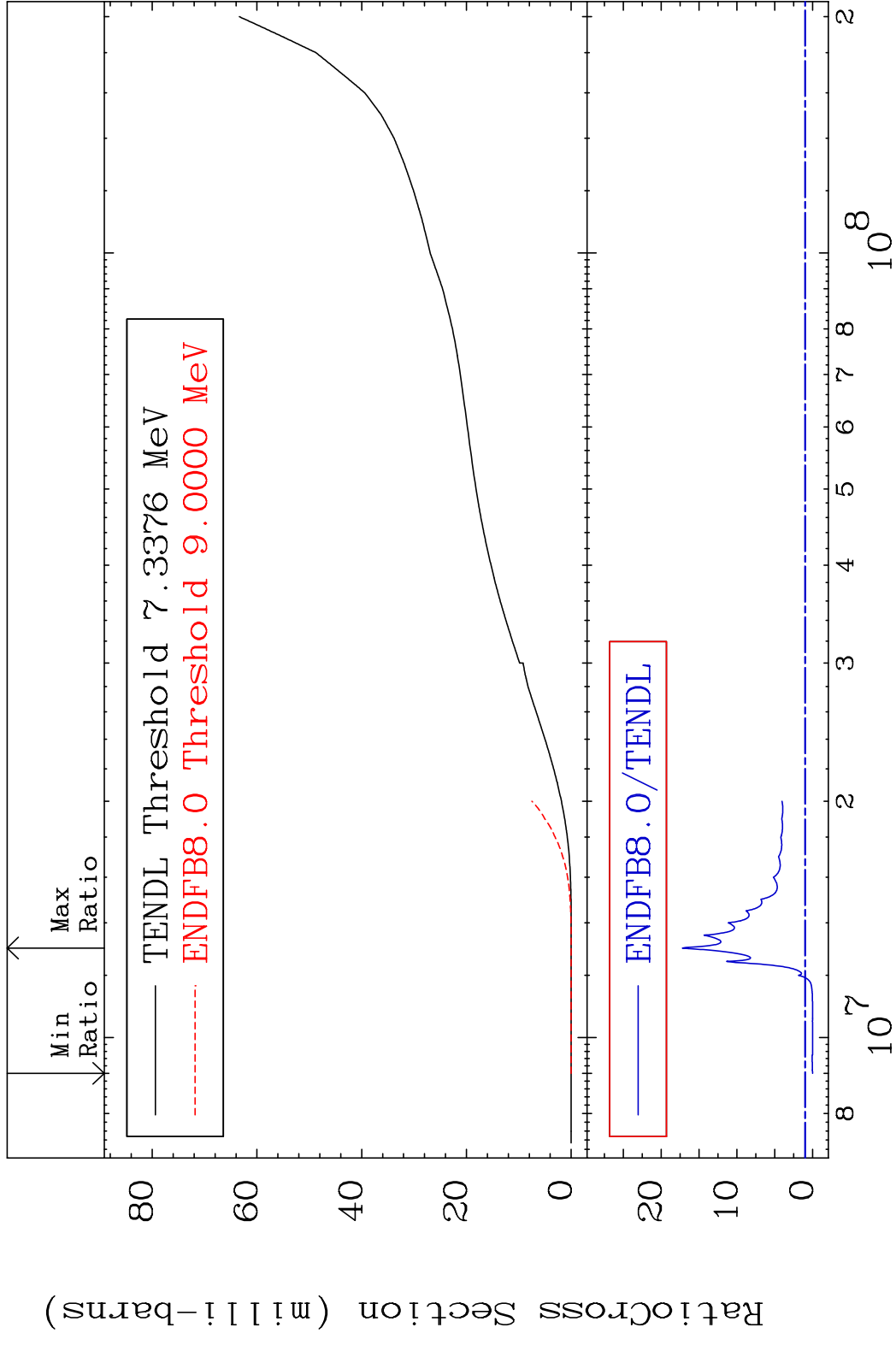
19

Incident Energy (eV)

58-Ce-144

MAT 5849

Tritium Production 58-Ce-144
Cross Section -100.0 To 1619. %



20

Incident Energy (eV)

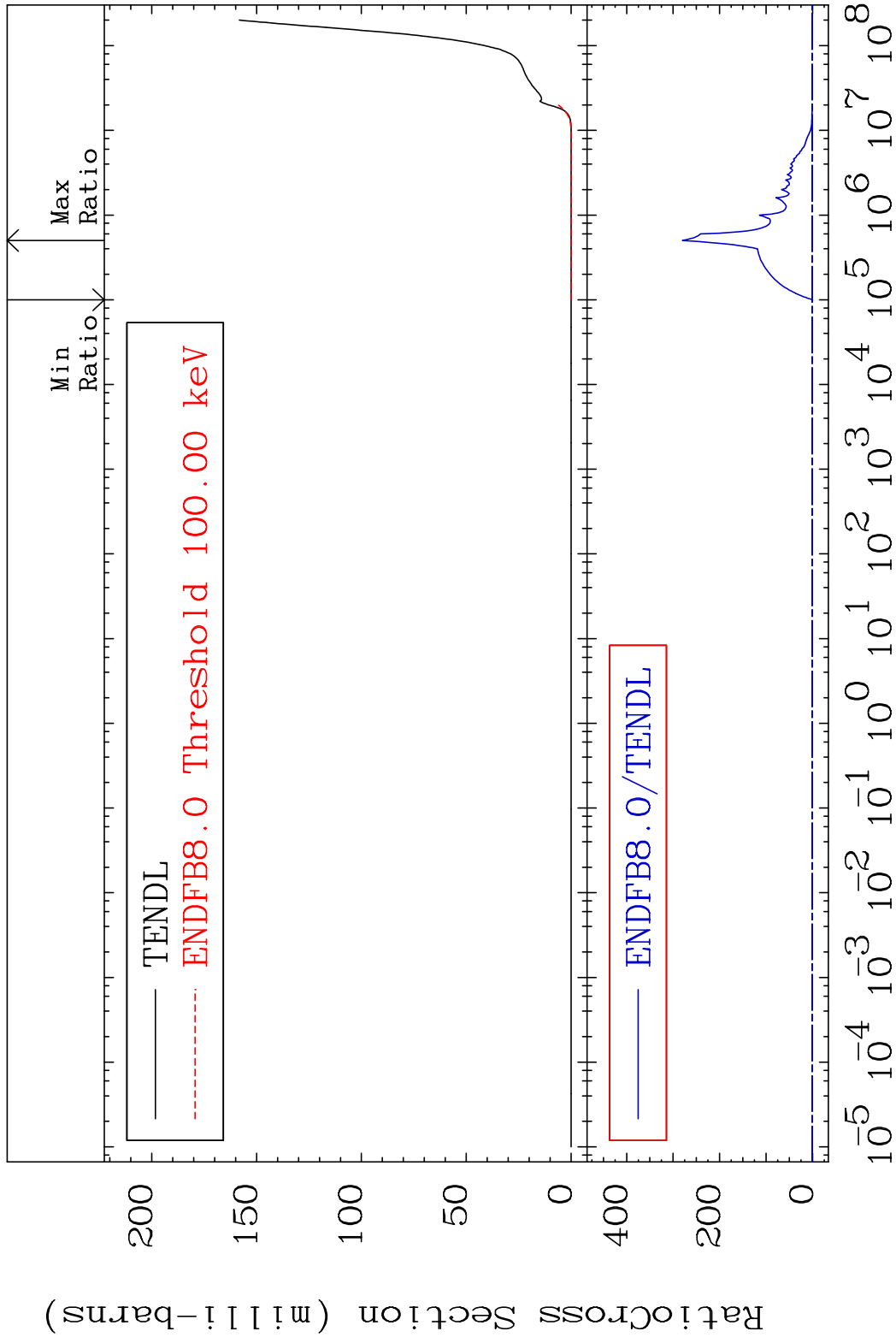
58-Ce-144

MAT 5849

He-4 Production

58-Ce-144

Cross Section -100.0 To 9999. %

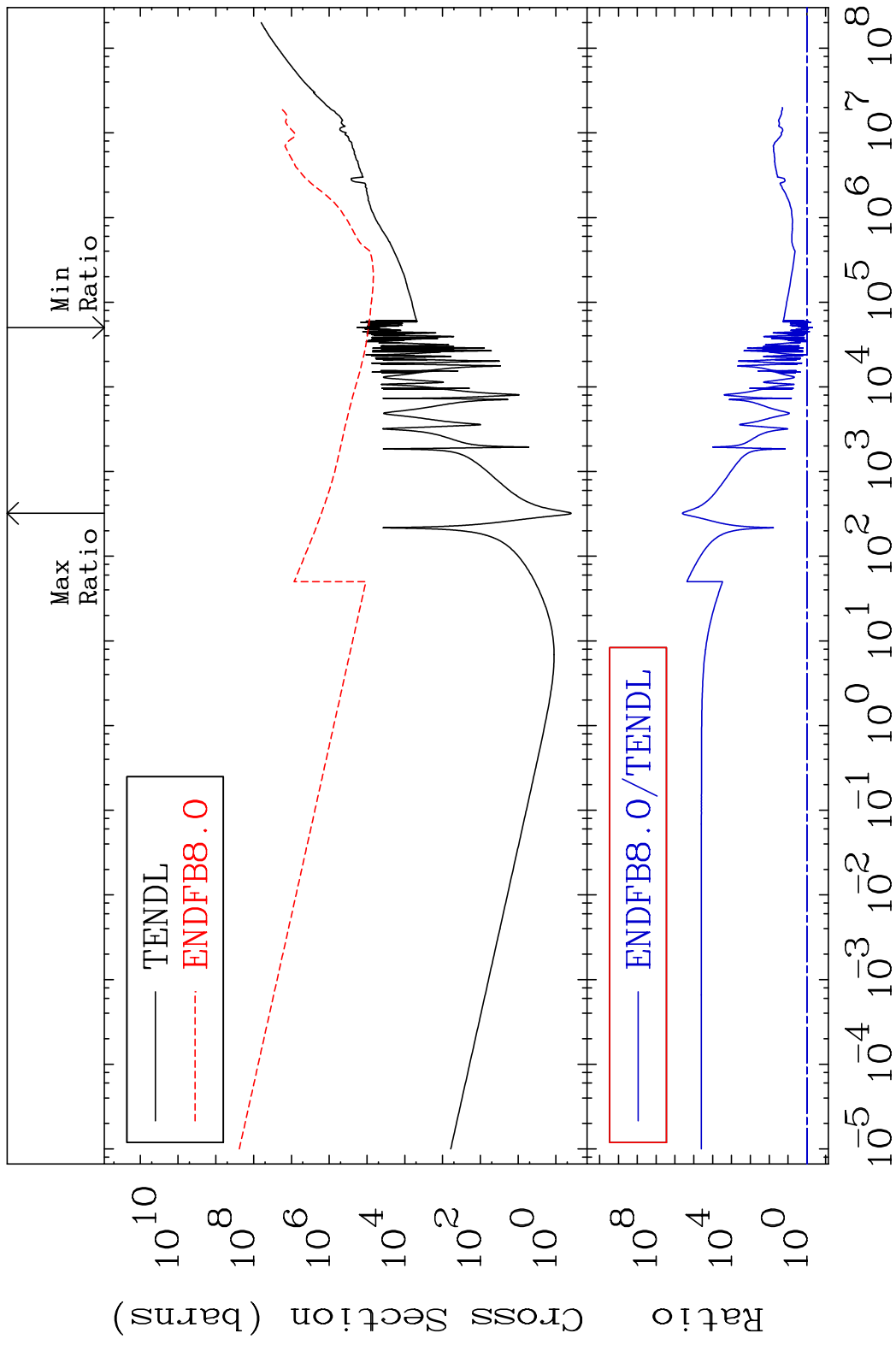


21

Incident Energy (eV)

58-Ce-144

MAT 5849 Kerma total (eV-barns) 58-Ce-144
 Cross Section -50.24 To 9999. %



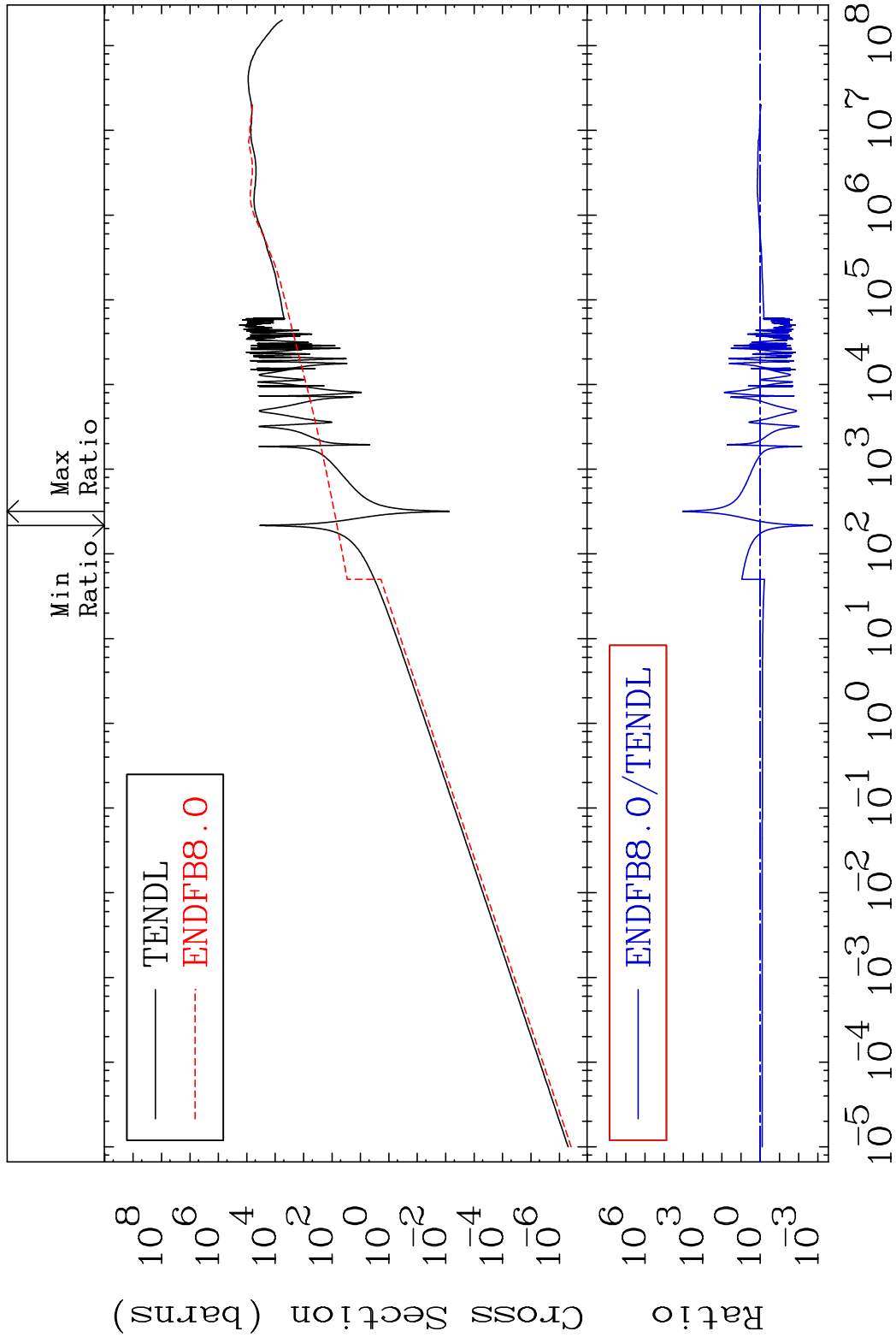
22 Incident Energy (eV) 58-Ce-144

MAT 5849

Kerma elastic

58-Ce-144

Cross Section -99.81 To 9999. %

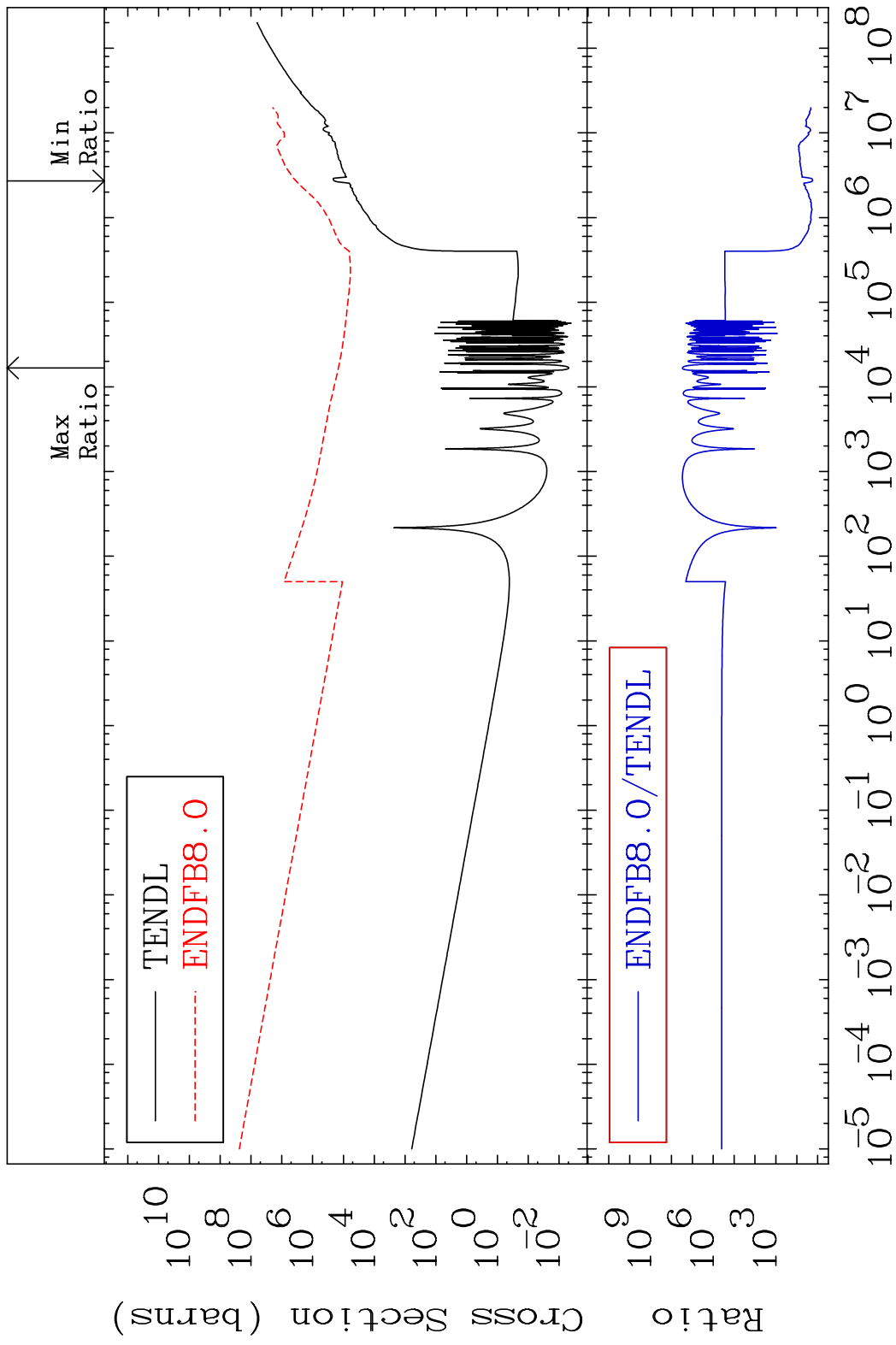


23

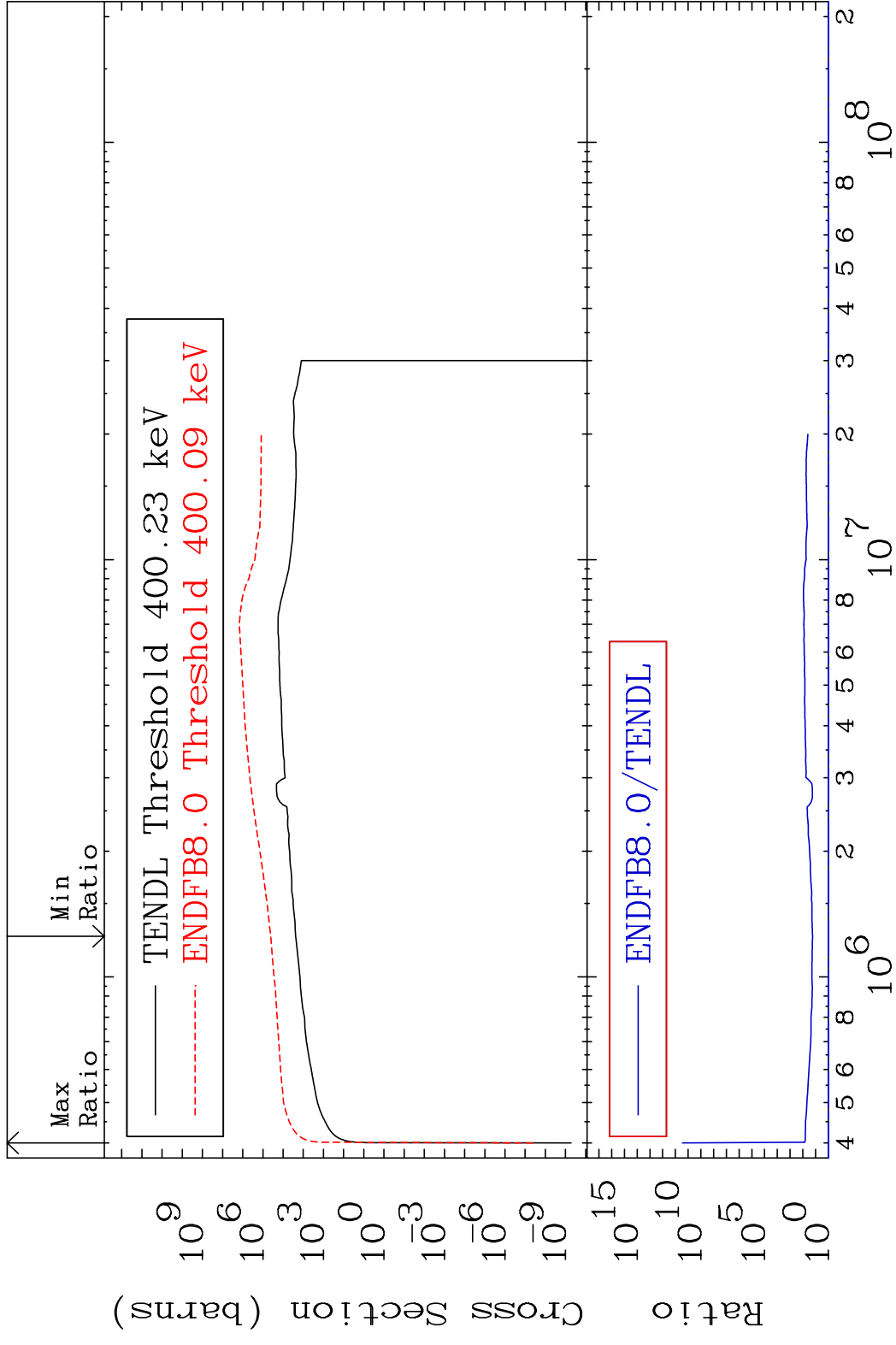
Incident Energy (eV)

58-Ce-144

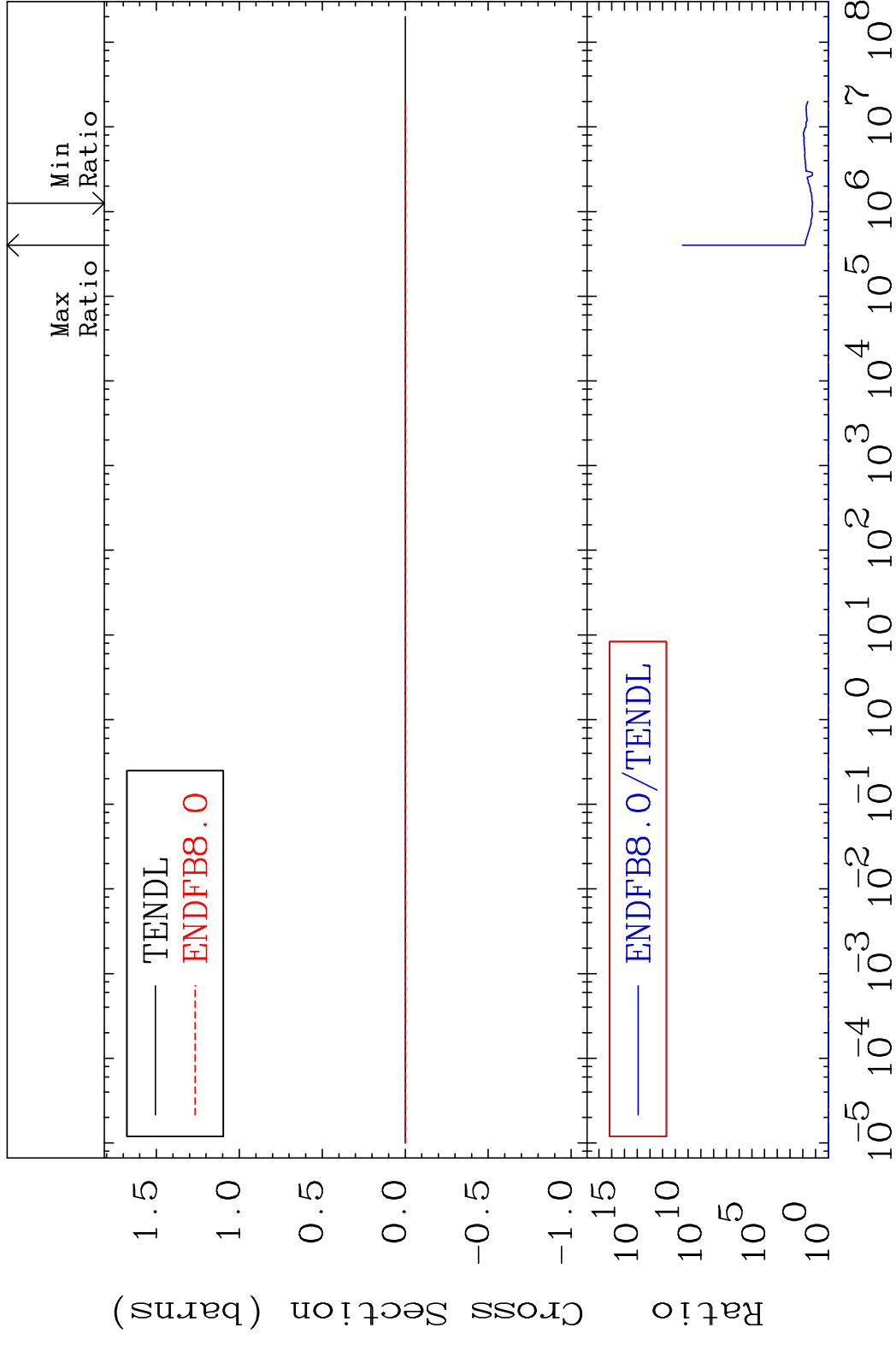
MAT 5849 Kerma non-elastic (all but mt2) 58-Ce-144
 Cross Section 1659. To 9999. %

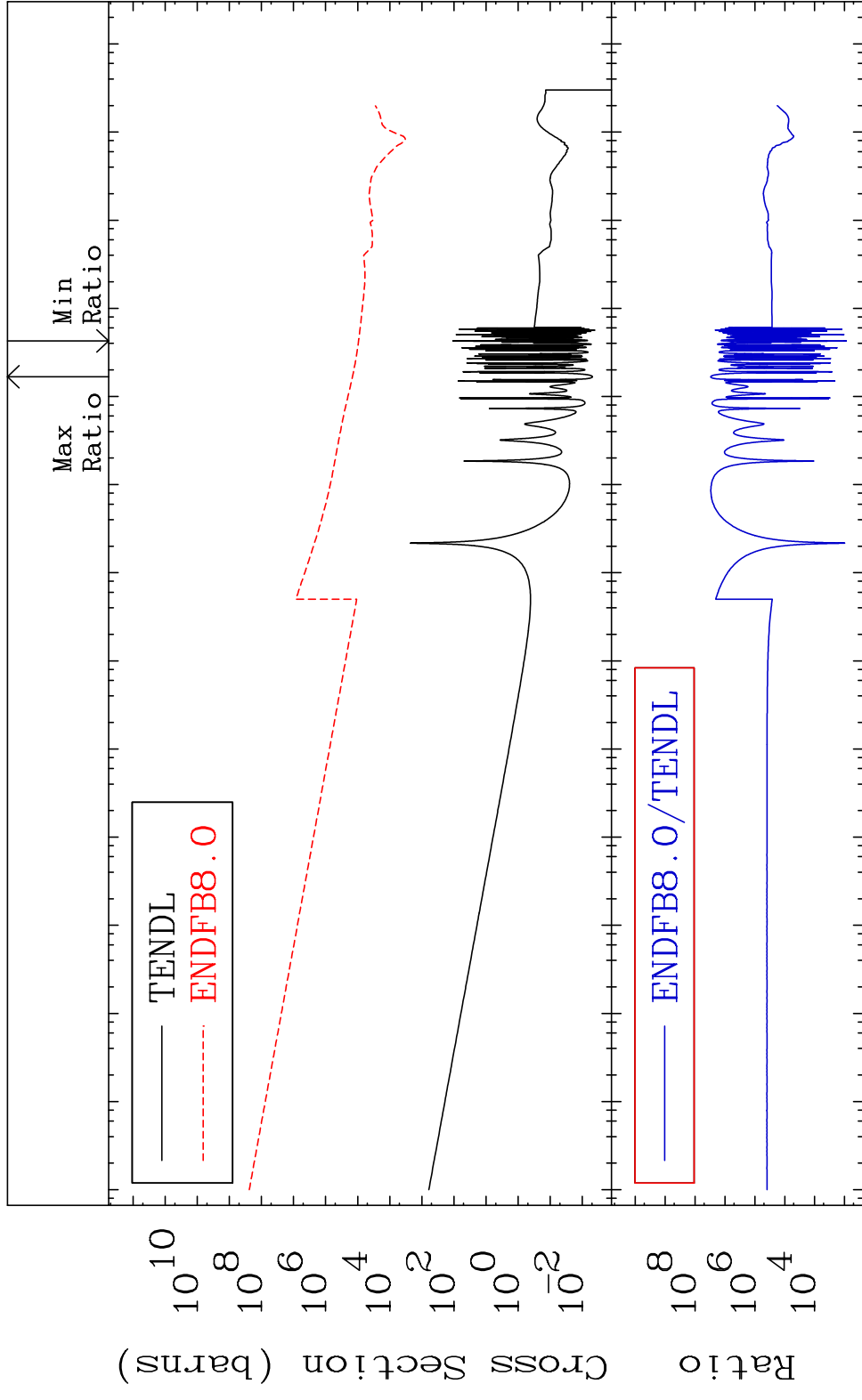


MAT 5849 Kerma inelastic (mt51-91) 58-Ce-144
 Cross Section 1616. To 9999. %

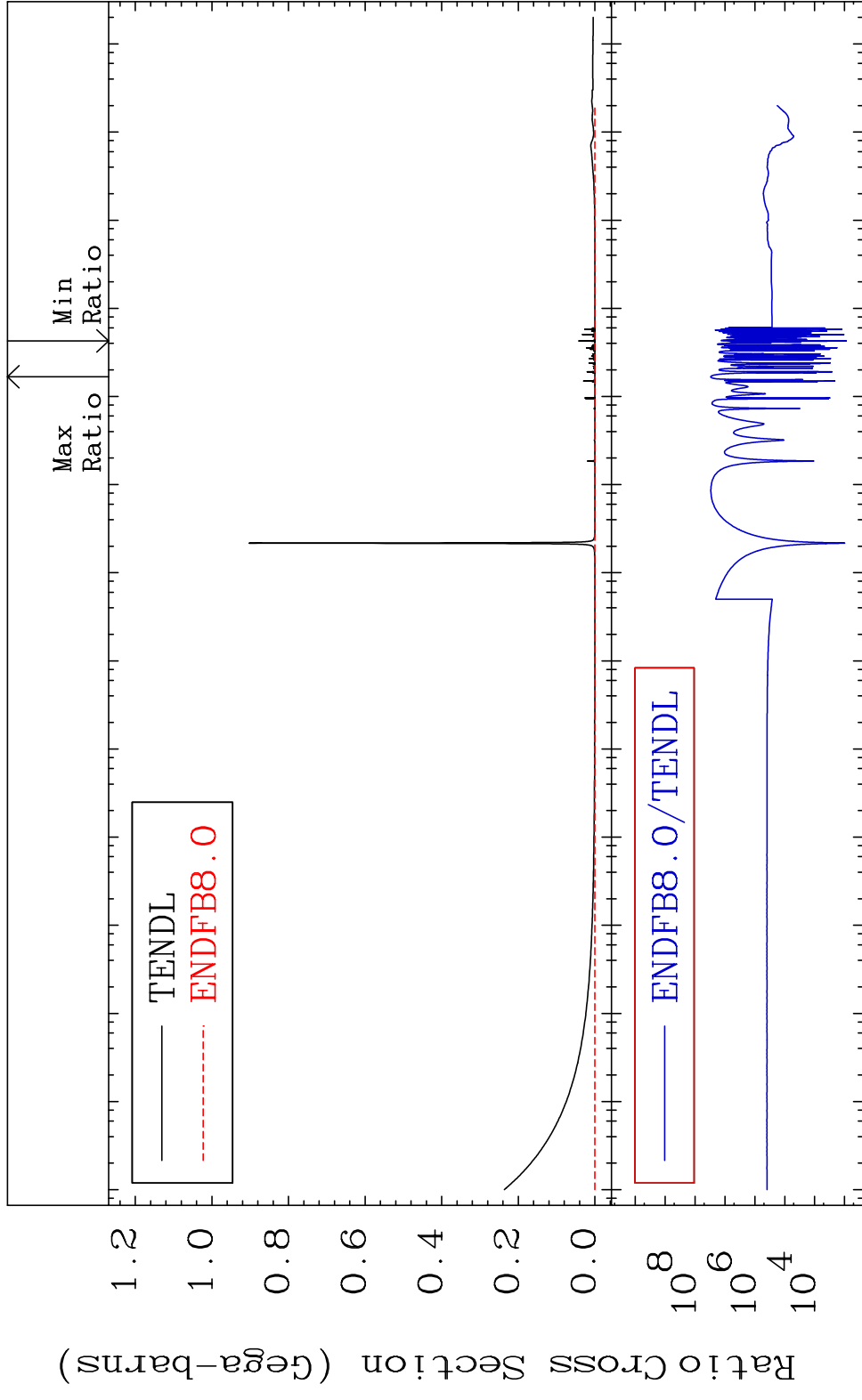


MAT 5849 Kerma fission (mt18 or mt19-20-21-38) 58-Ce-144
 Cross Section 1616. To 9999. %



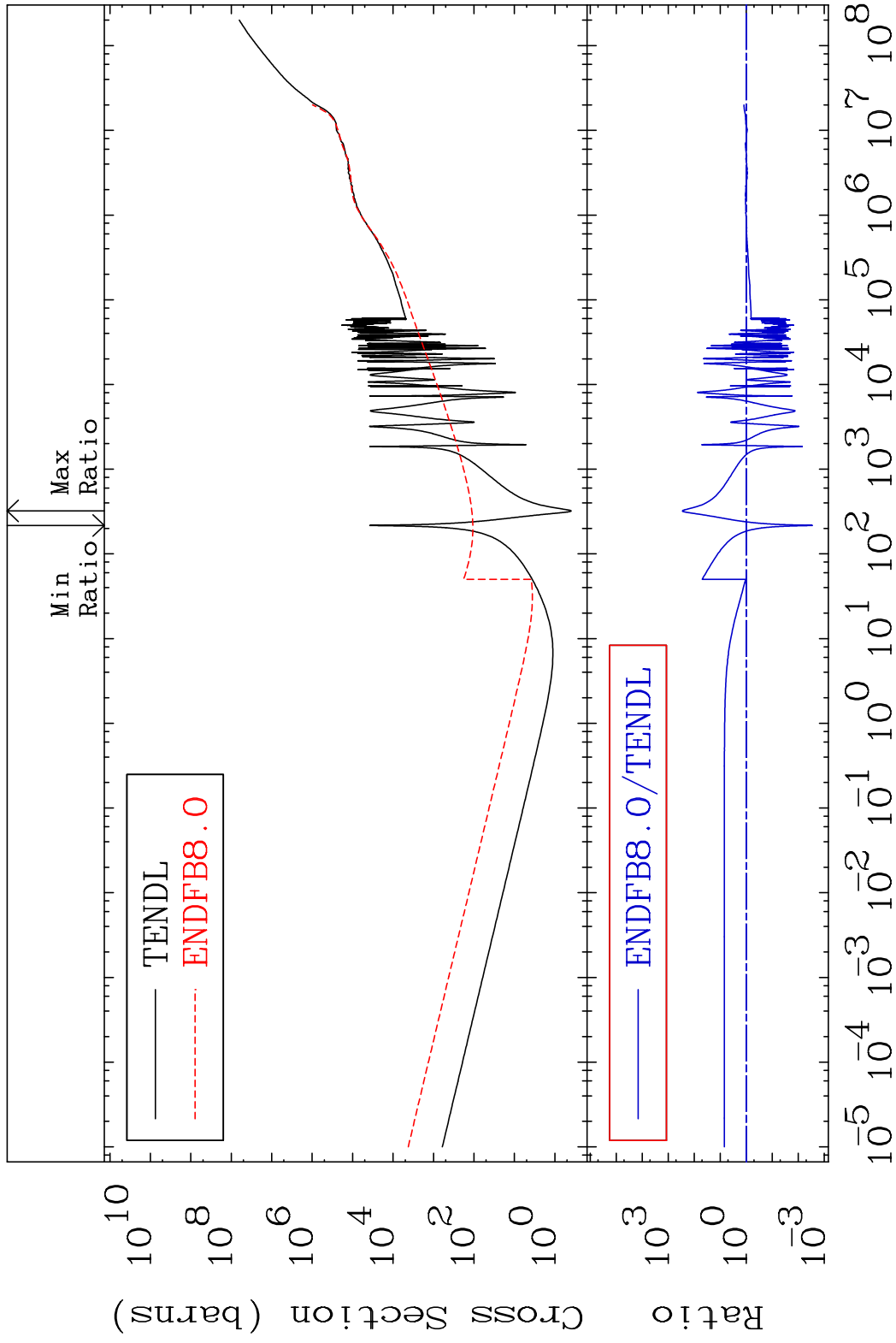


MAT 5849 Total photon (eV-barns) 58-Ce-144
 Cross Section 9999. To 9999. %



28 Incident Energy (eV) 58-Ce-144

MAT 5849 Total kinematic kerma (high limit) 58-Ce-144
 Cross Section -99.72 To 9999. %

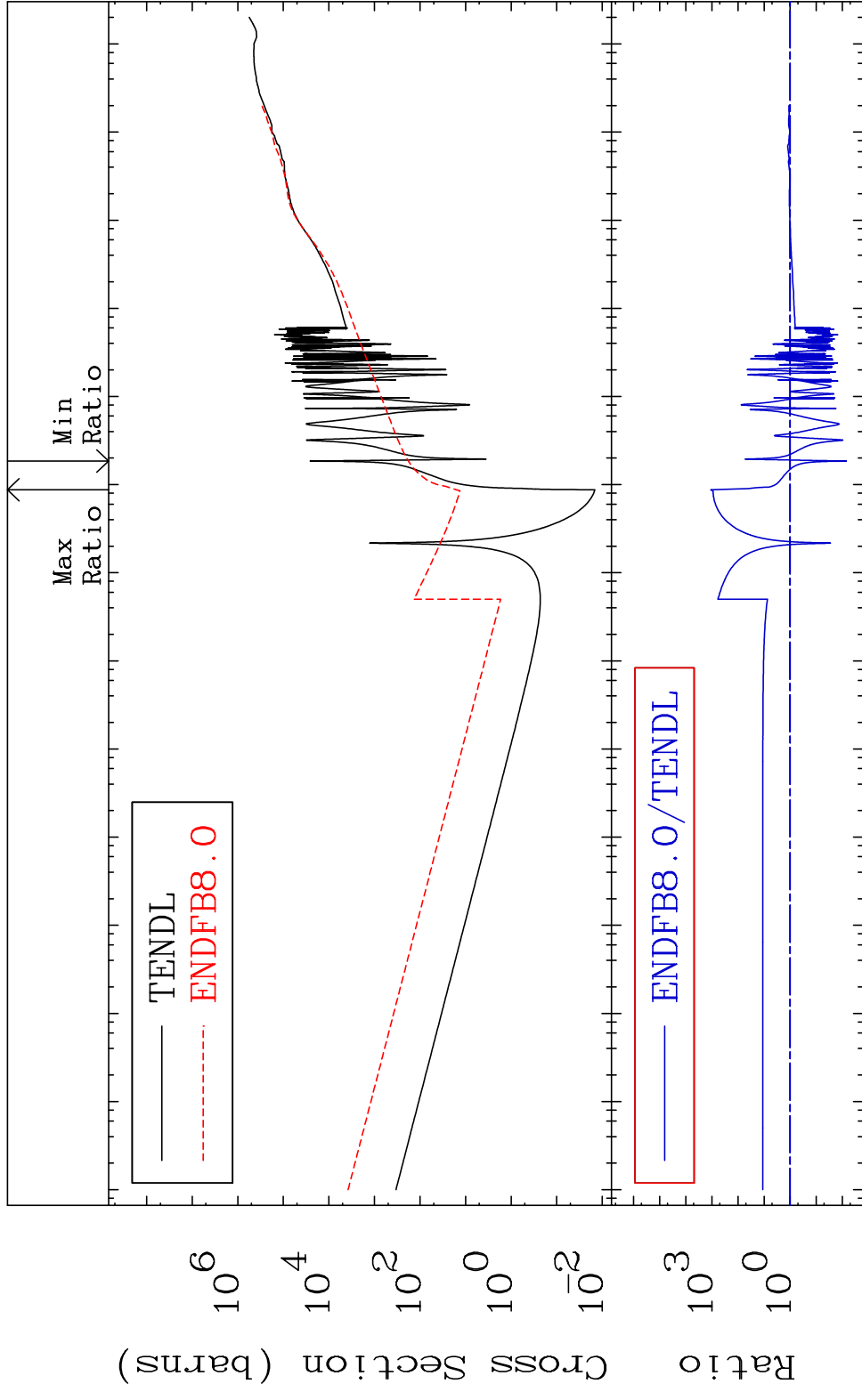


MAT 5849

Dpa total (eV-barns)

58-Ce-144

Cross Section -99.29 To 9999. %



30

Incident Energy (eV)

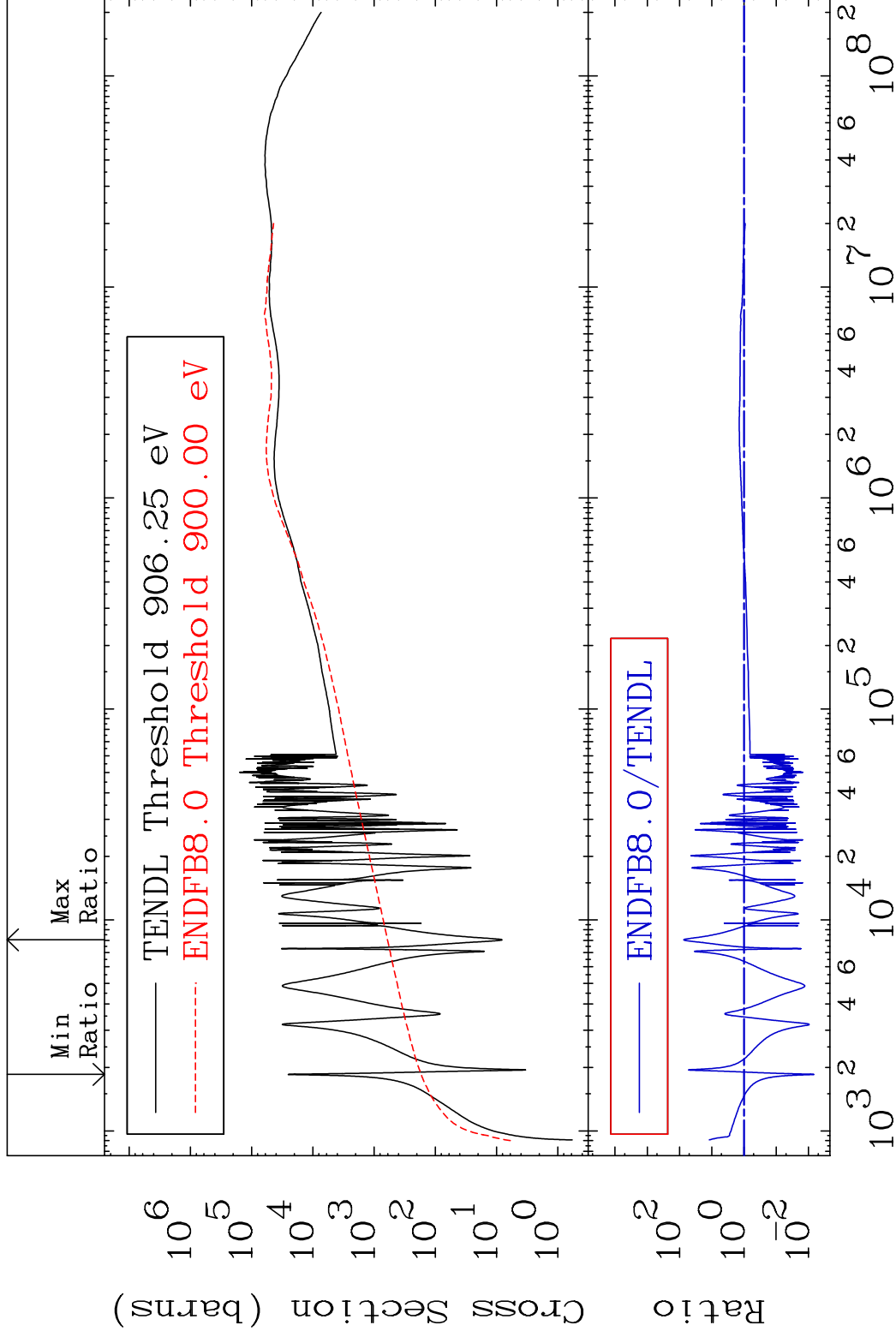
58-Ce-144

MAT 5849

Dpa elastic (mt2)

58-Ce-144

Cross Section -99.33 To 7339. %

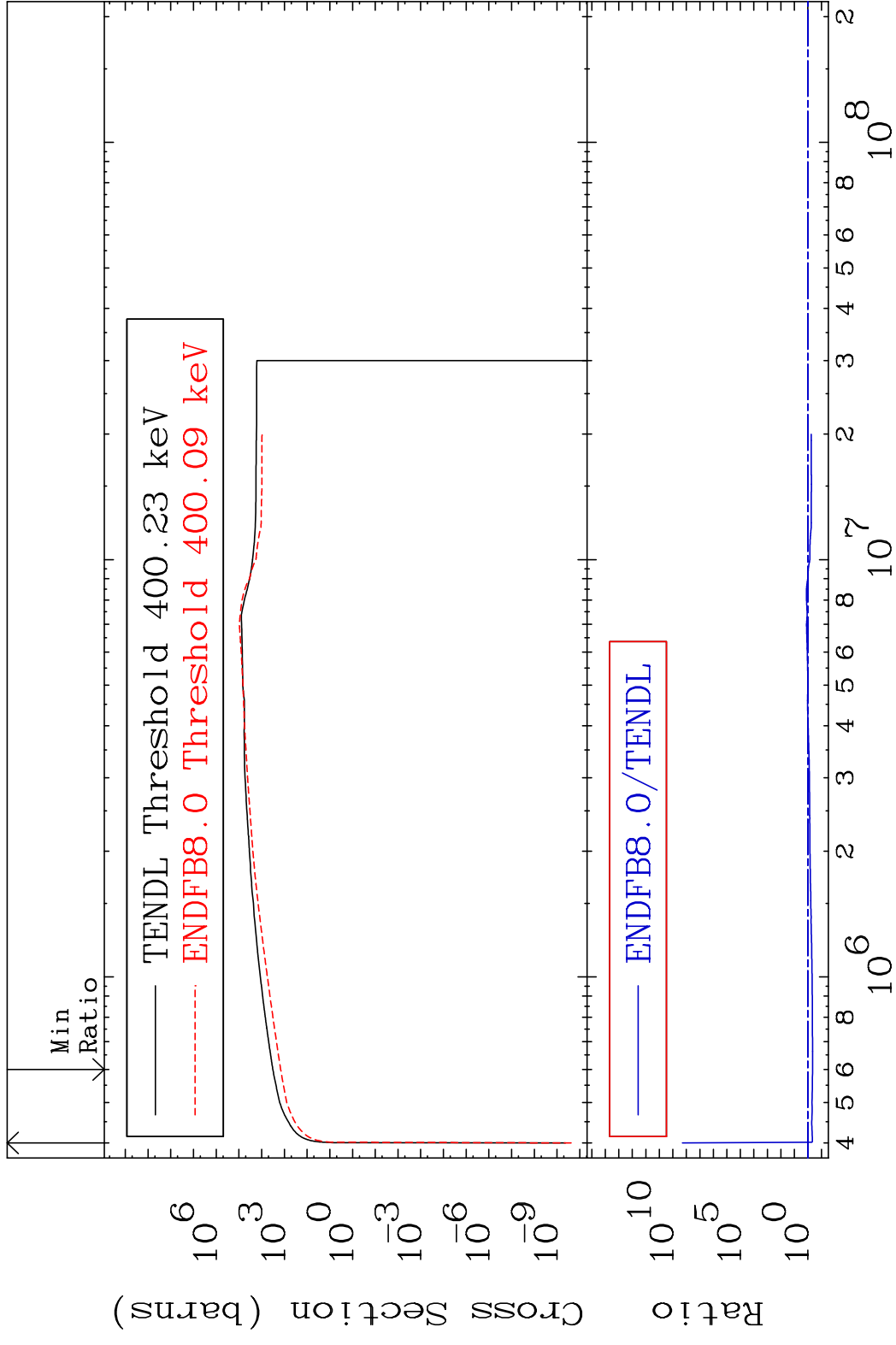


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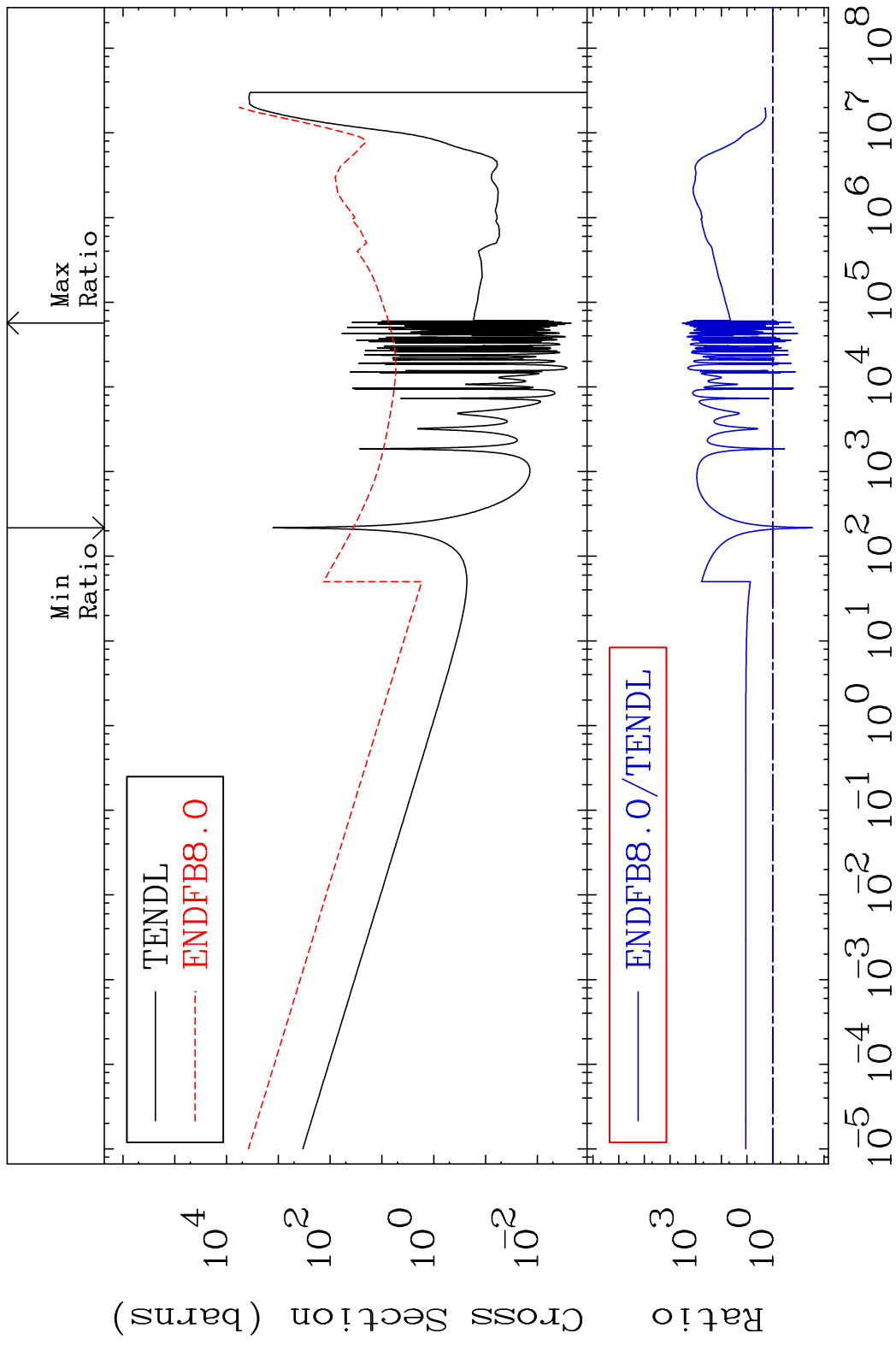
Incident Energy (eV)

58-Ce-144

MAT 5849 Dpa inelastic (mt51-91) 58-Ce-144
 Cross Section -54.86 To 9999. %



MAT 5849 Dpa disappearance (mt102 -120) 58-Ce-144
 Cross Section -97.21 To 9999. %



33 Incident Energy (eV) 58-Ce-144