

Program Complot
(Version 2021-1)

by

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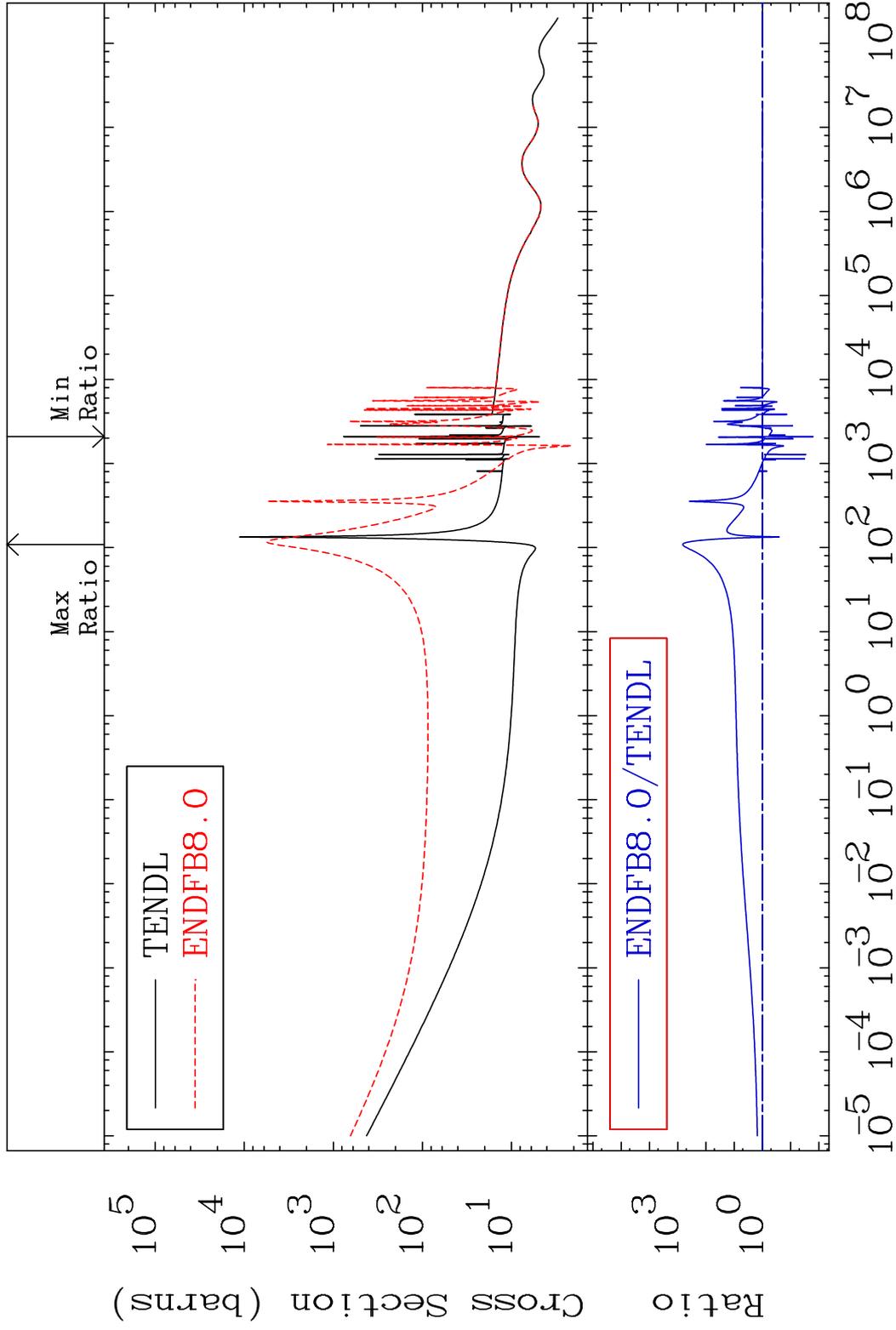
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Press Mouse Button to Start

MAT 8434

Total Cross Section -98.40 To 9999. %
84-Po-209



1

Incident Energy (eV)

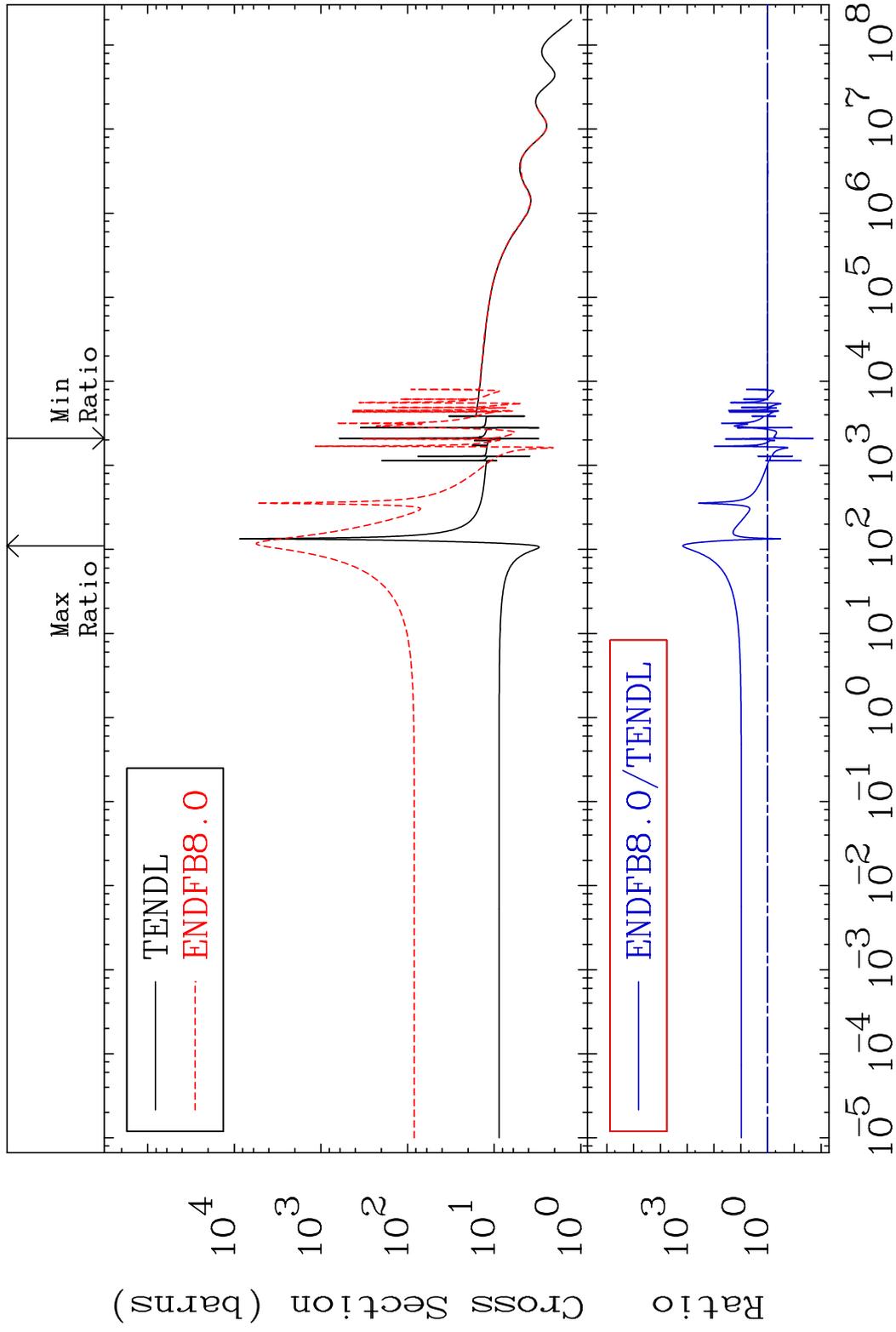
84-Po-209

MAT 8434

Elastic

84-Po-209

Cross Section -98.02 To 9999. %



2

Incident Energy (eV)

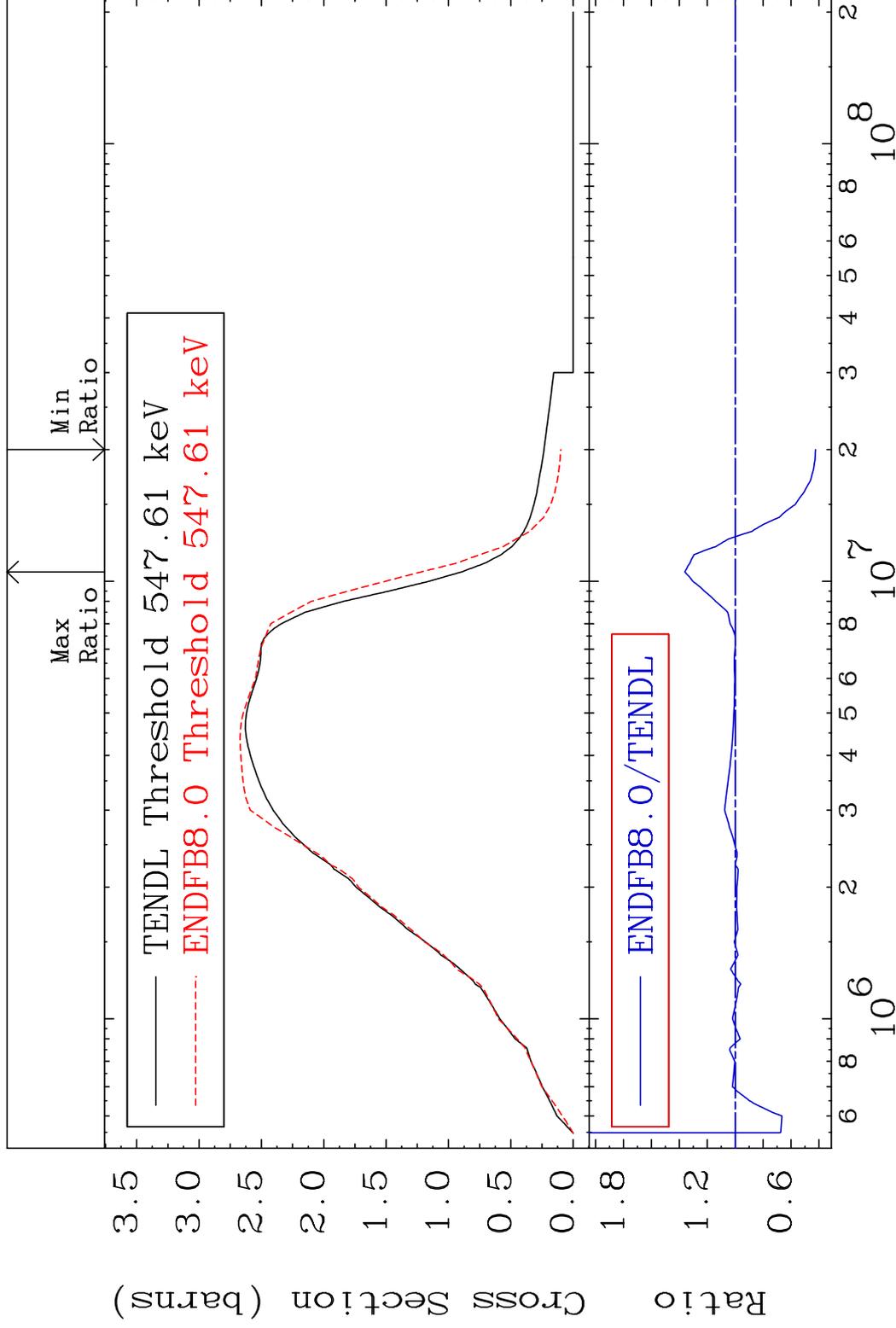
84-Po-209

MAT 8434

Inelastic

84-Po-209

Cross Section -57.52 To 36.11 %



3

Incident Energy (eV)

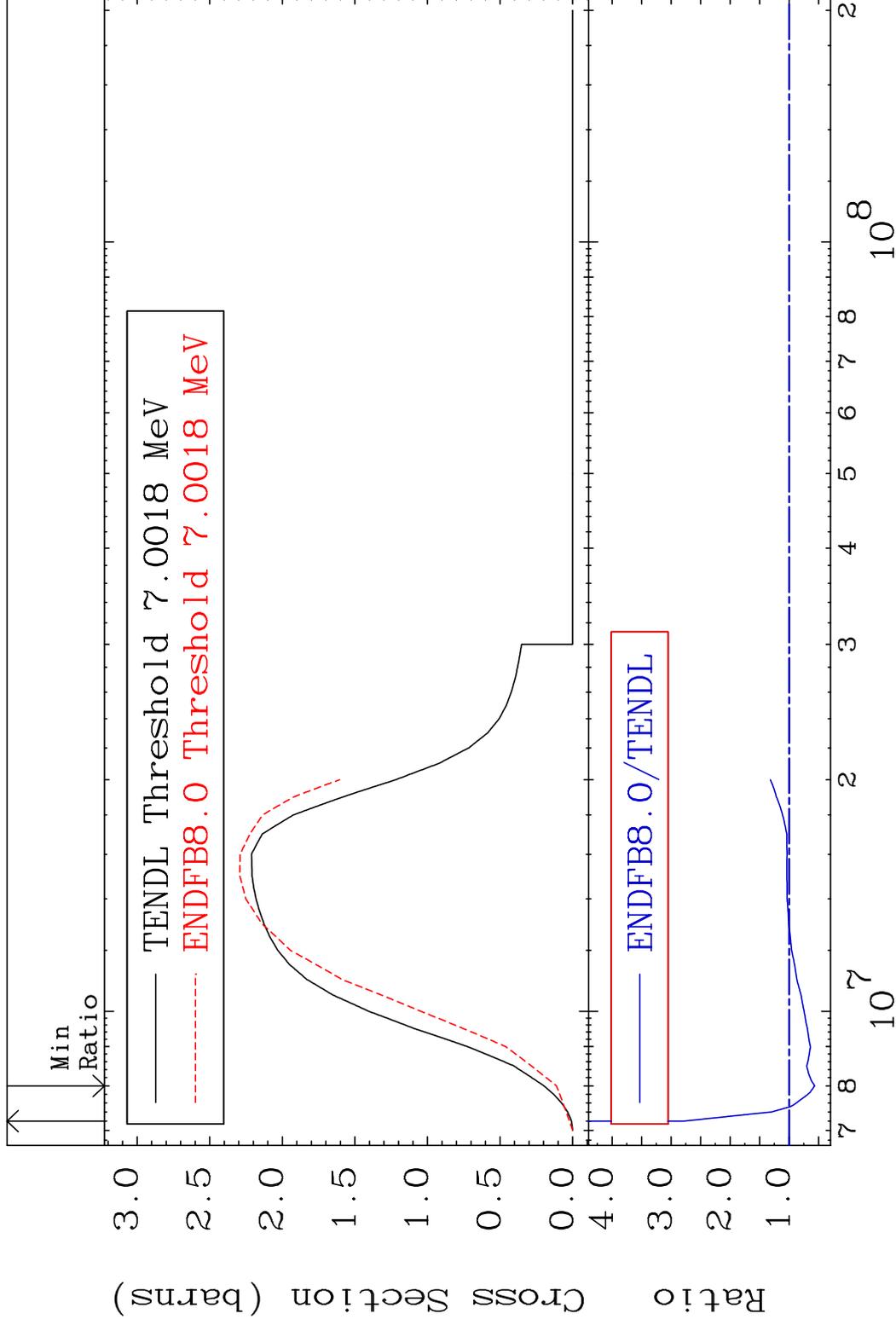
84-Po-209

MAT 8434

(n,2n)

84-Po-209

Cross Section -43.40 To 177.9 %

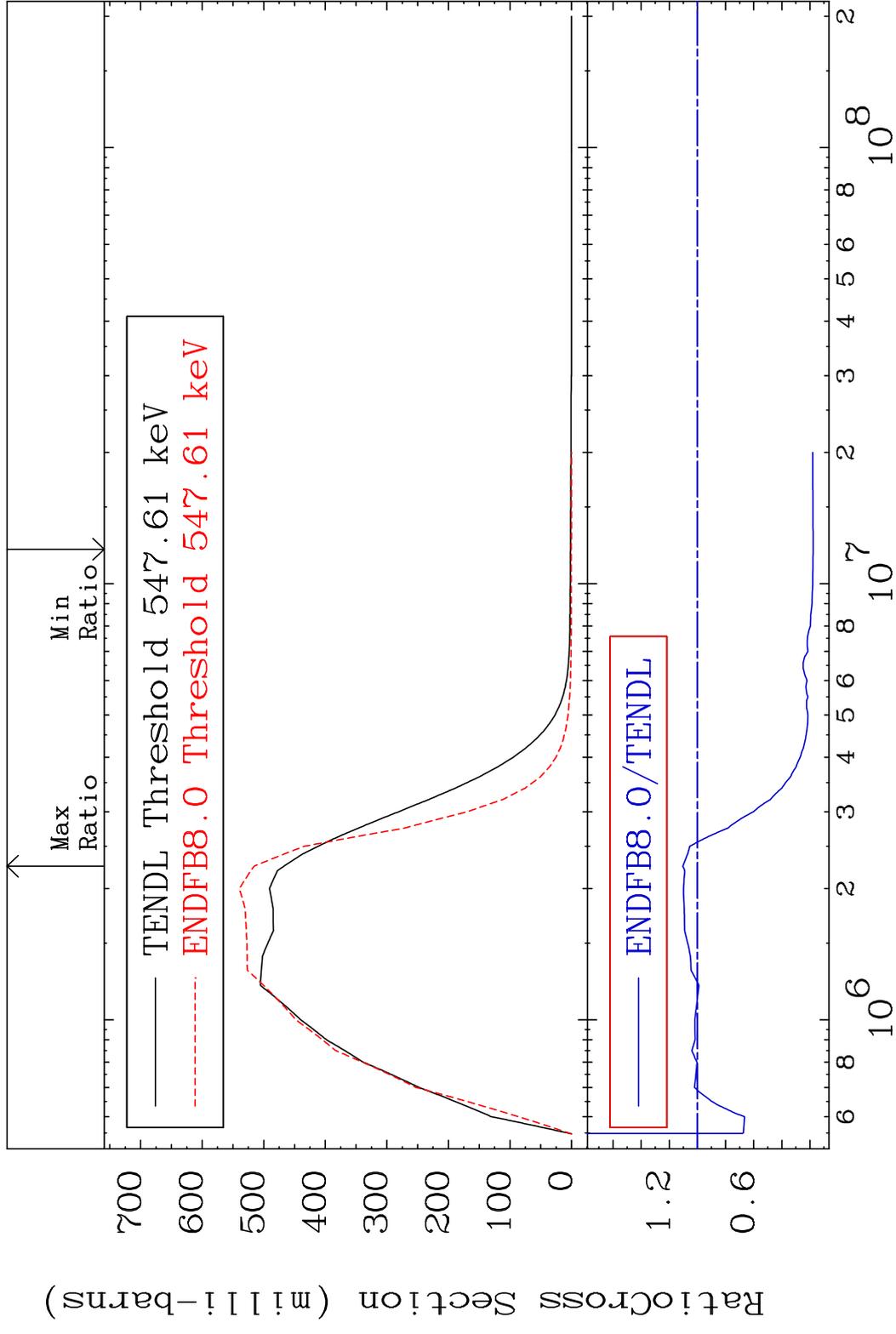


4

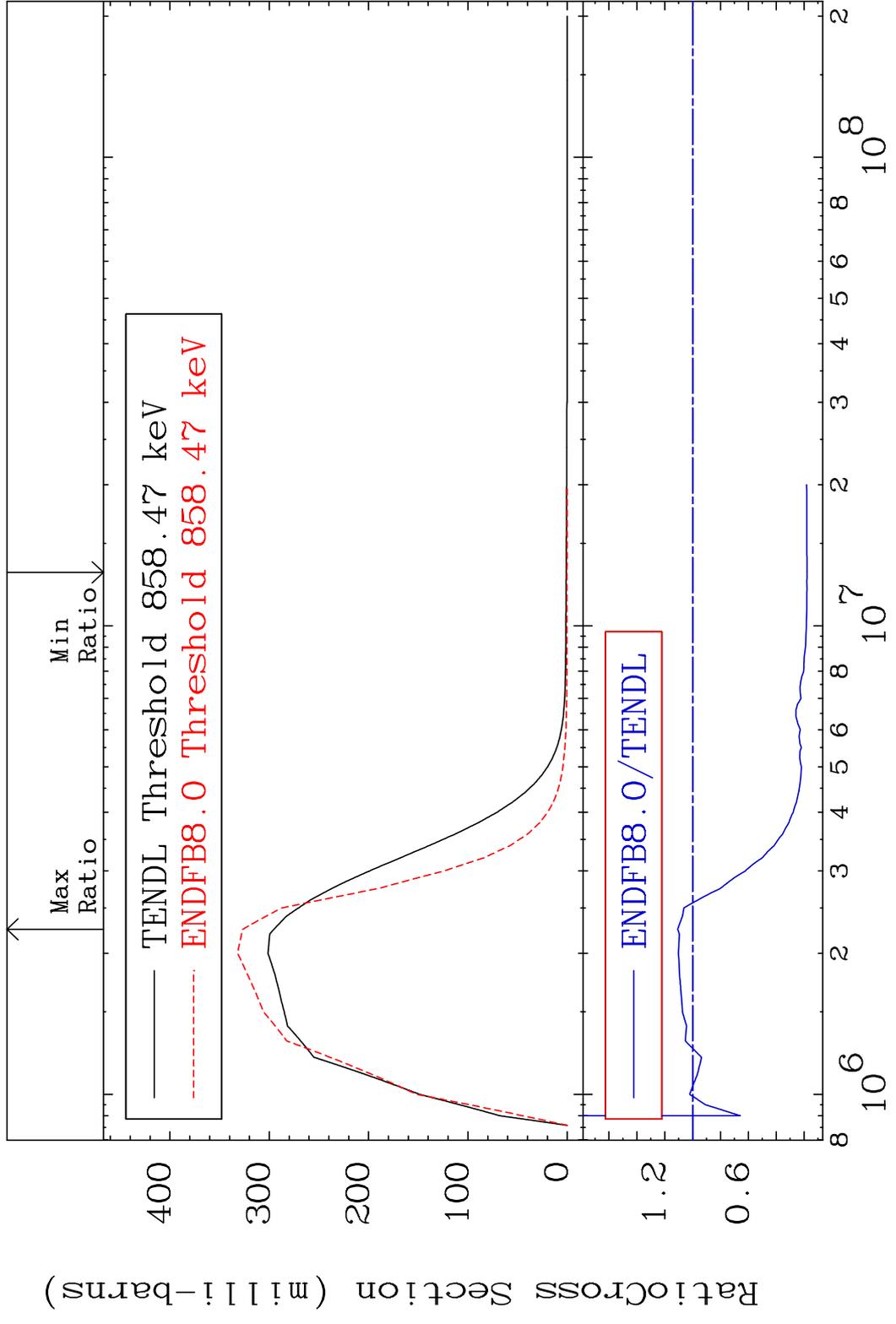
Incident Energy (eV)

84-Po-209

MAT 8434 MT= 51 (n, n') Level 84-Po-209
 Cross Section -82.26 To 10.38 %

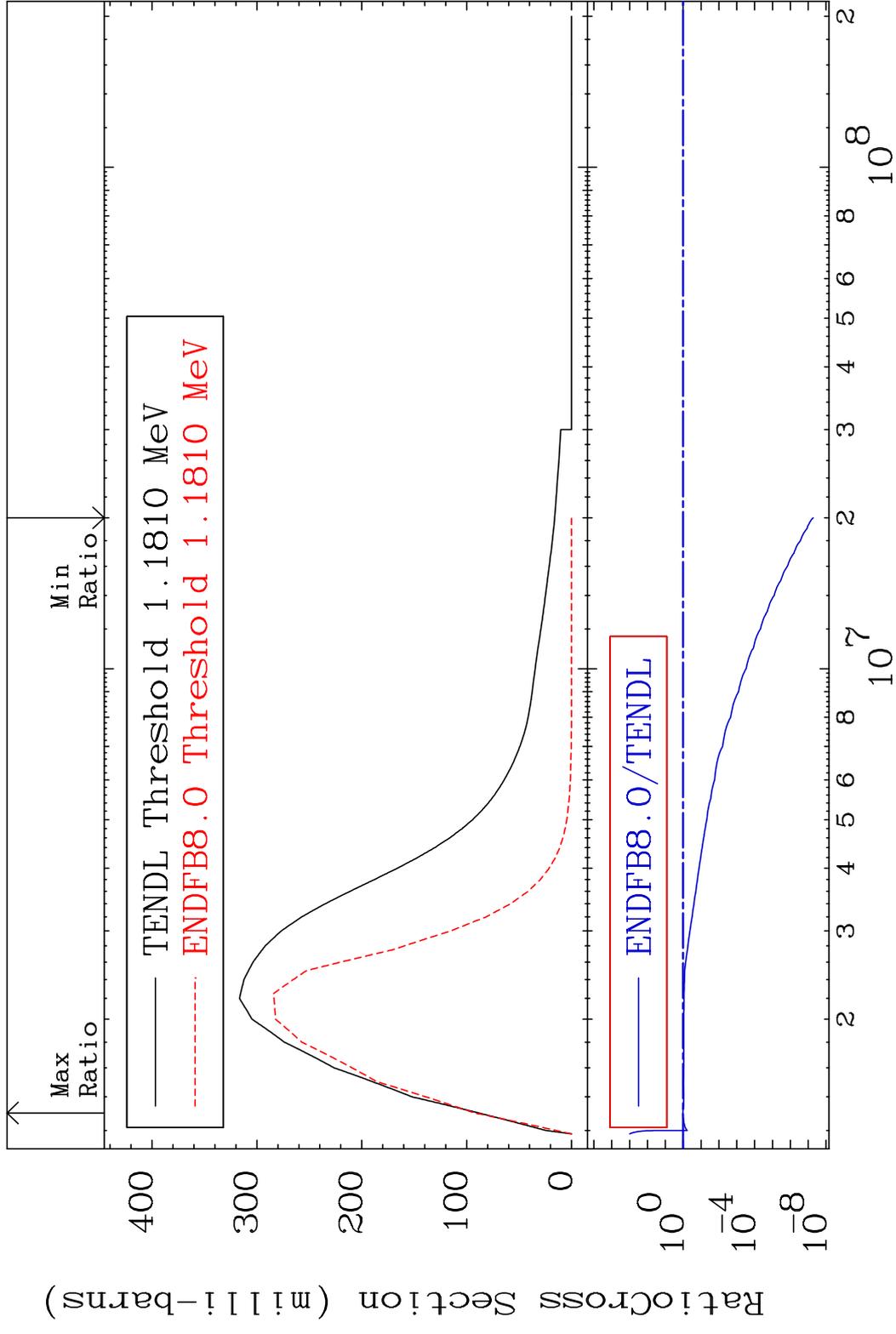


MAT 8434 MT= 52 (n, n') Level 84-Po-209
 Cross Section -82.09 To 10.70 %

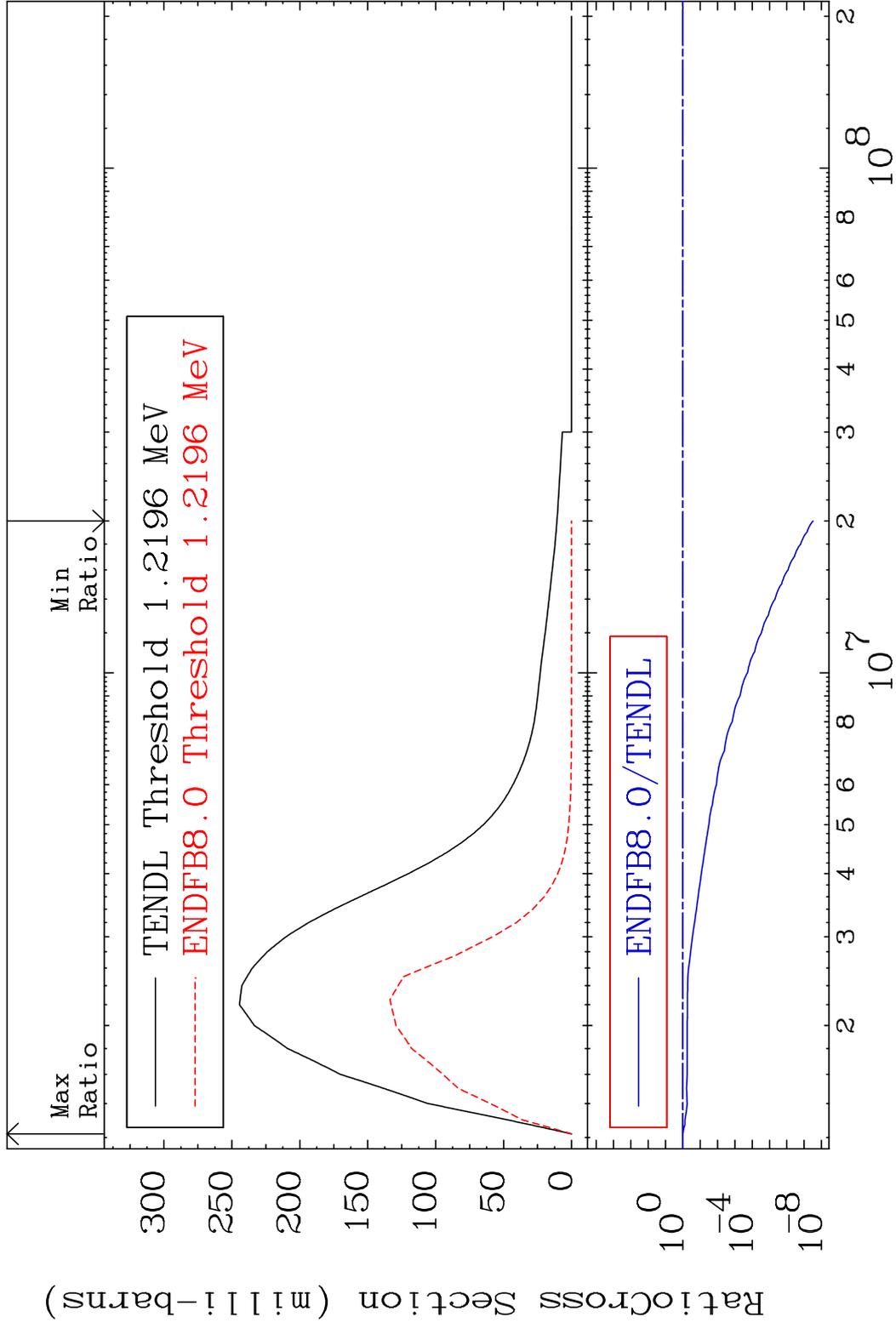


6 Incident Energy (eV) 84-Po-209

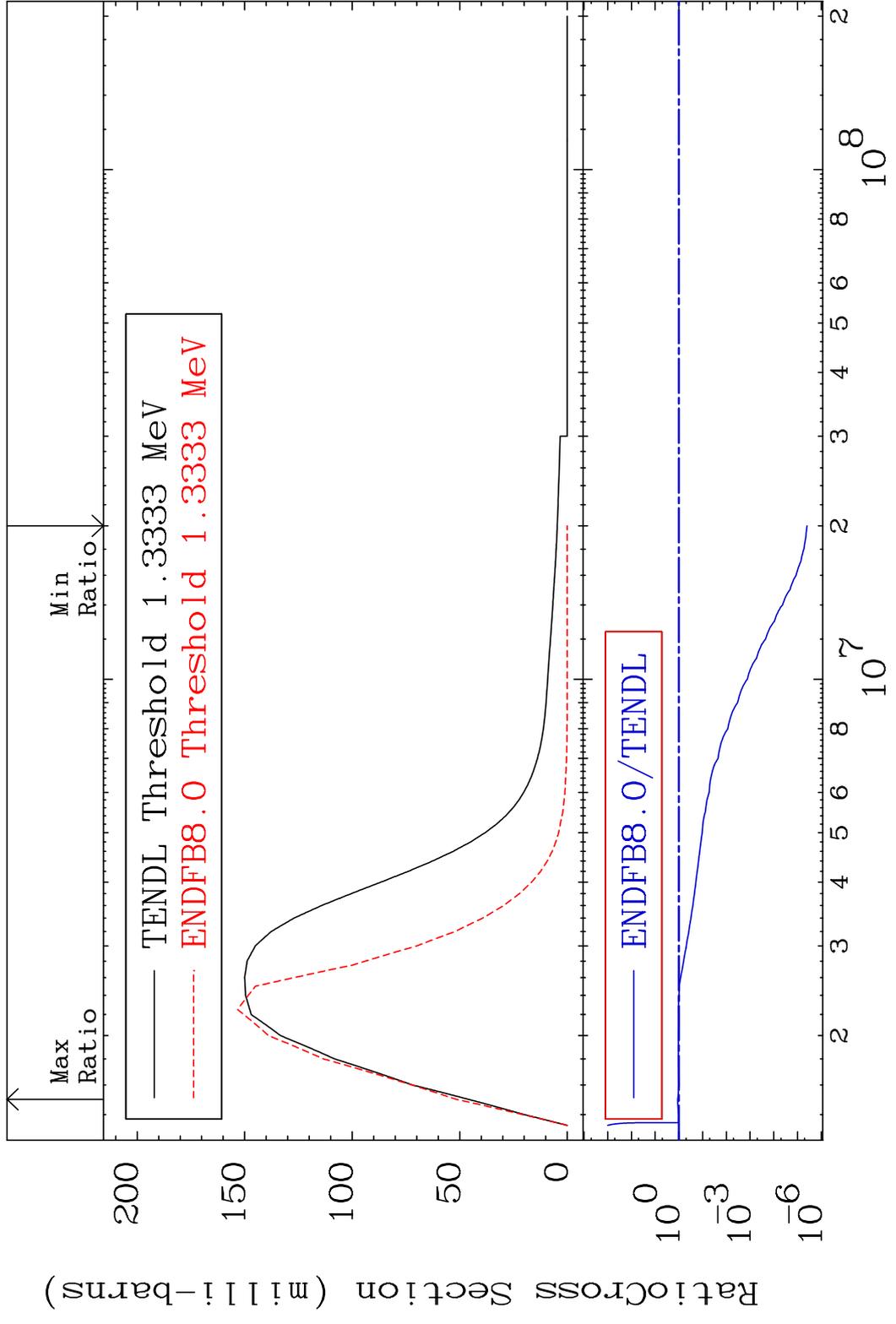
MAT 8434 MT= 53 (n, n') Level 84-Po-209
 Cross Section -100.0 To 4.670 %



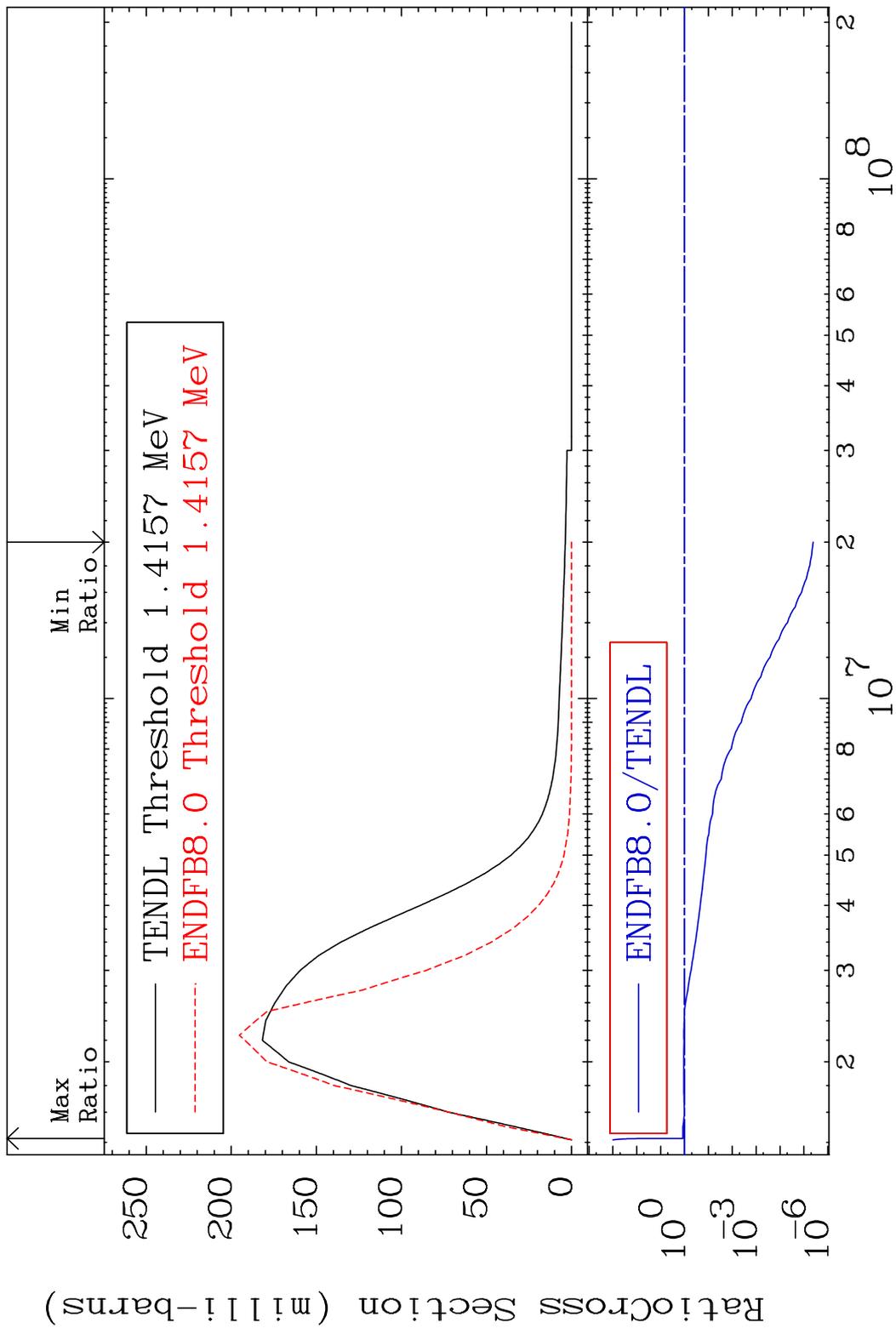
MAT 8434 MT= 54 (n, n') Level 84-Po-209
 Cross Section -100.0 To 0.000 %



MAT 8434 MT= 55 (n, n') Level 84-Po-209
 Cross Section -100.0 To 12.33 %

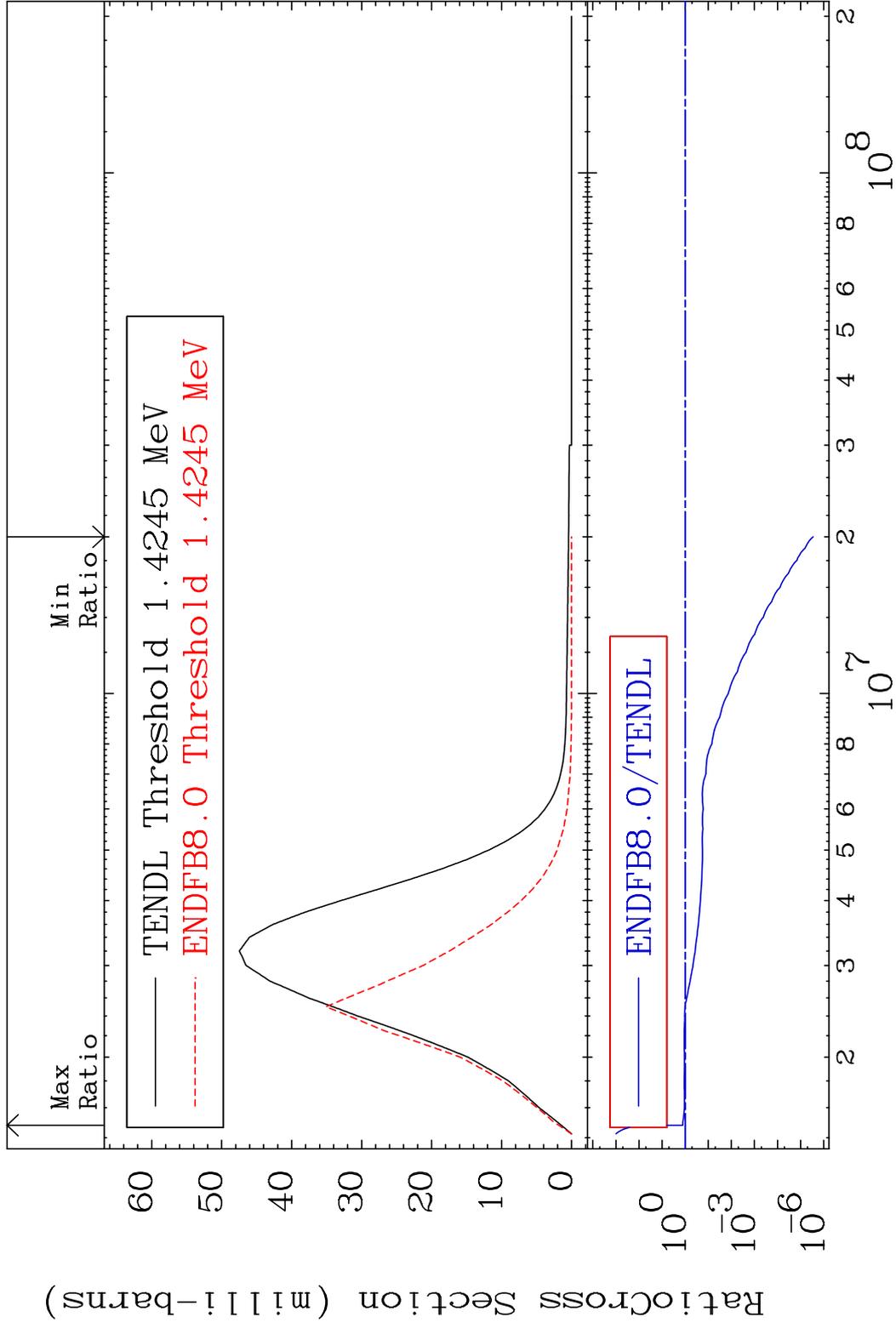


MAT 8434 MT= 56 (n,n') Level 84-Po-209
 Cross Section -100.0 To 17.40 %

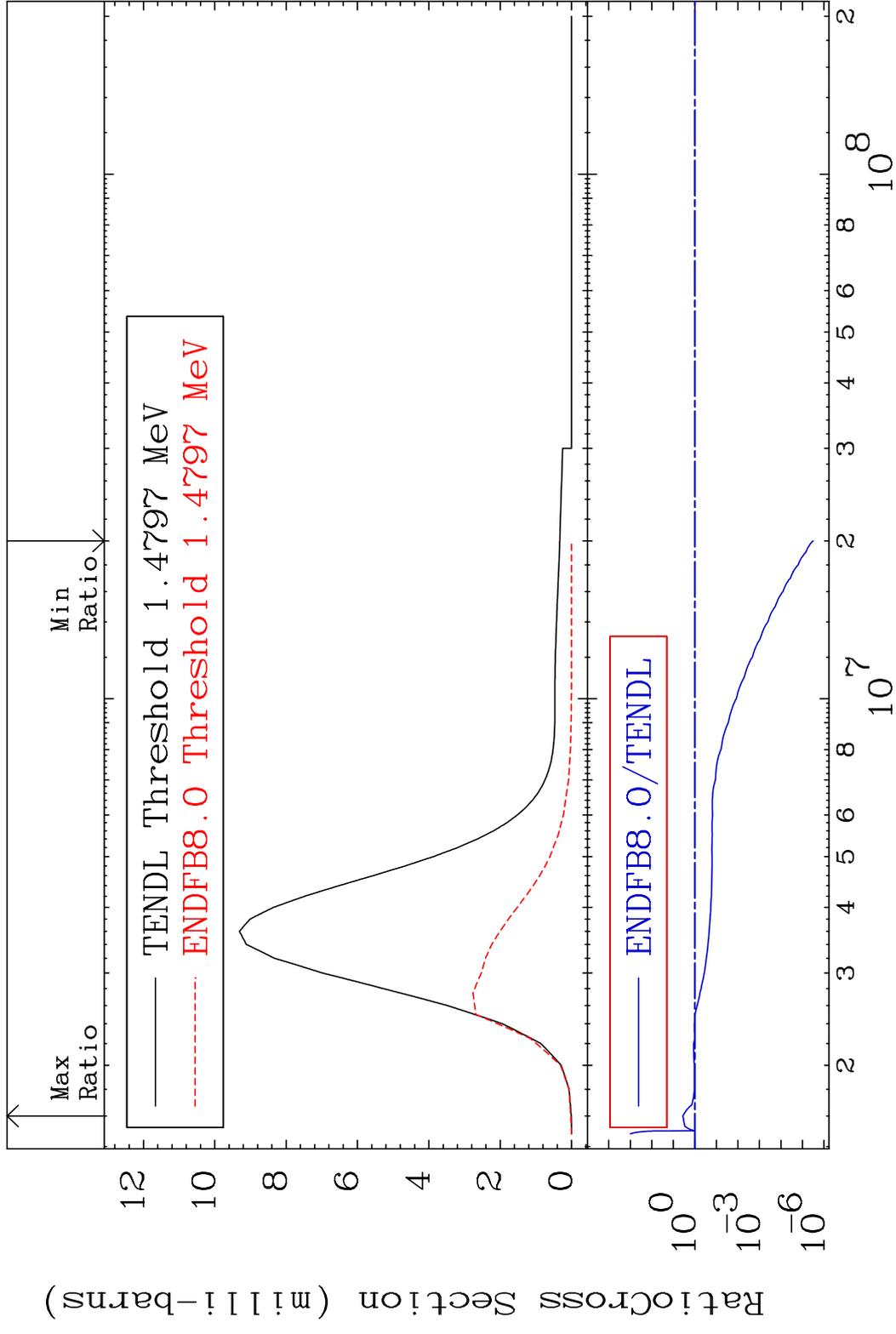


10 Incident Energy (eV) 84-Po-209

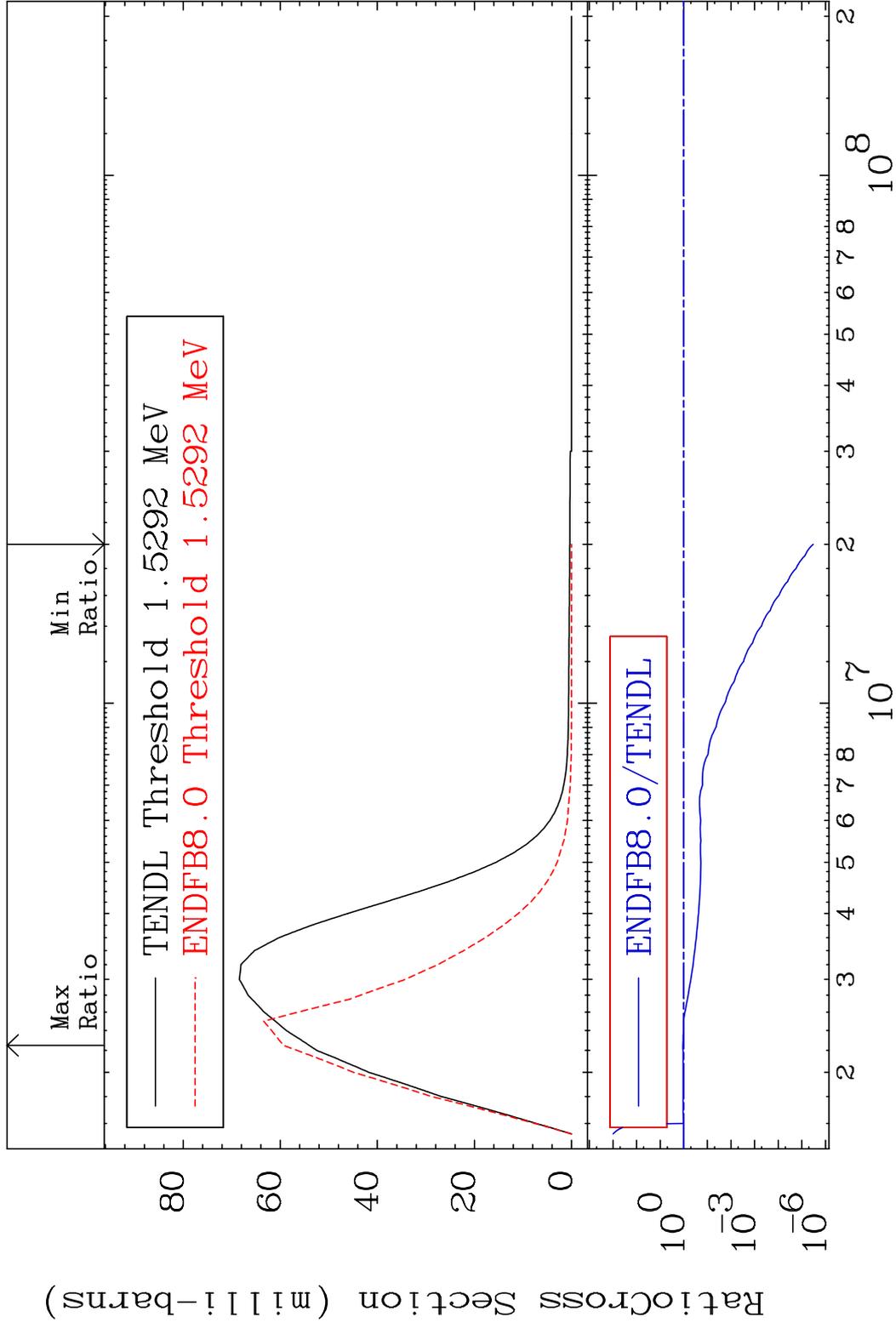
MAT 8434 MT= 57 (n, n') Level 84-Po-209
 Cross Section -100.0 To 25.91 %



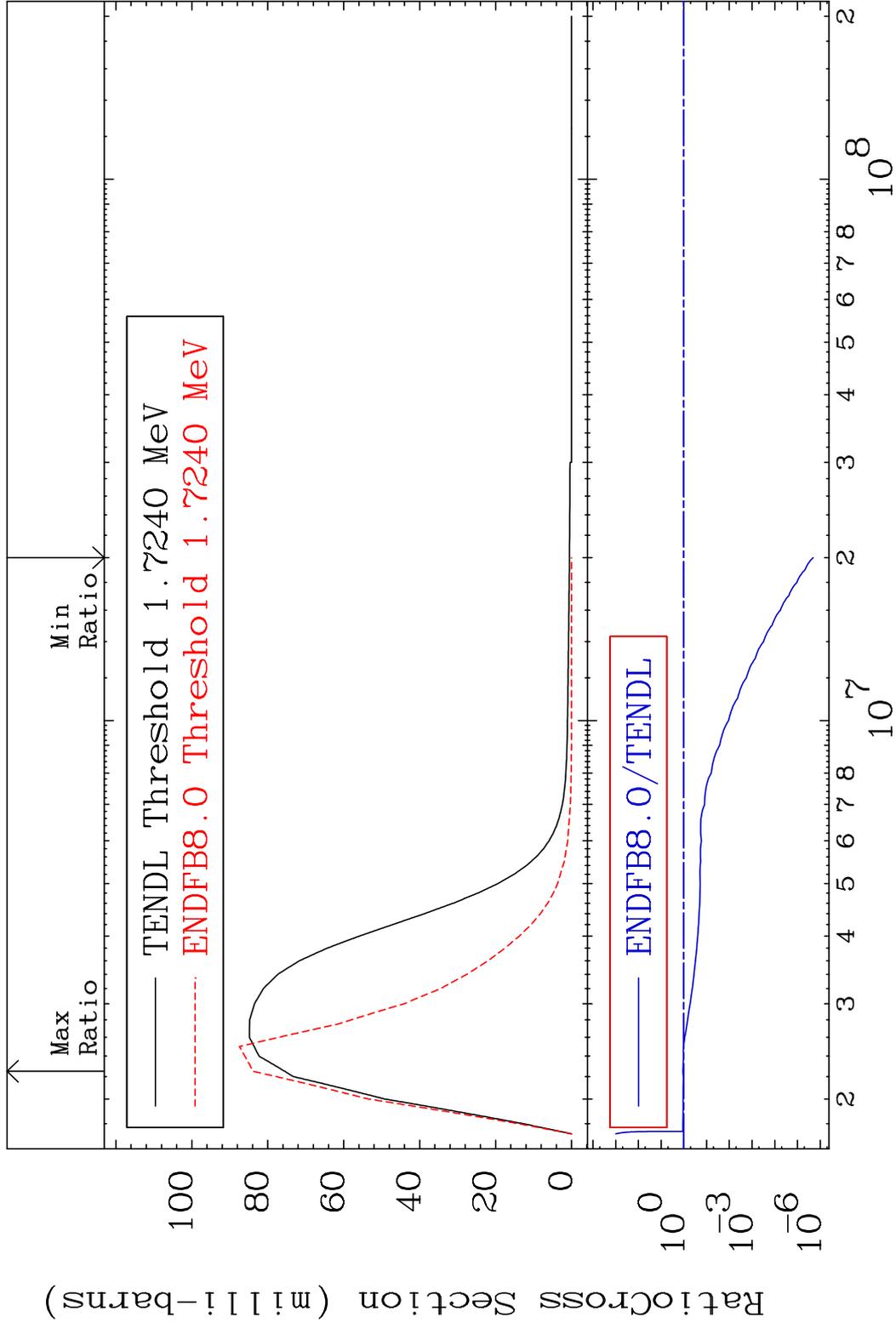
MAT 8434 MT= 58 (n,n') Level 84-Po-209
 Cross Section -100.0 To 261.9 %



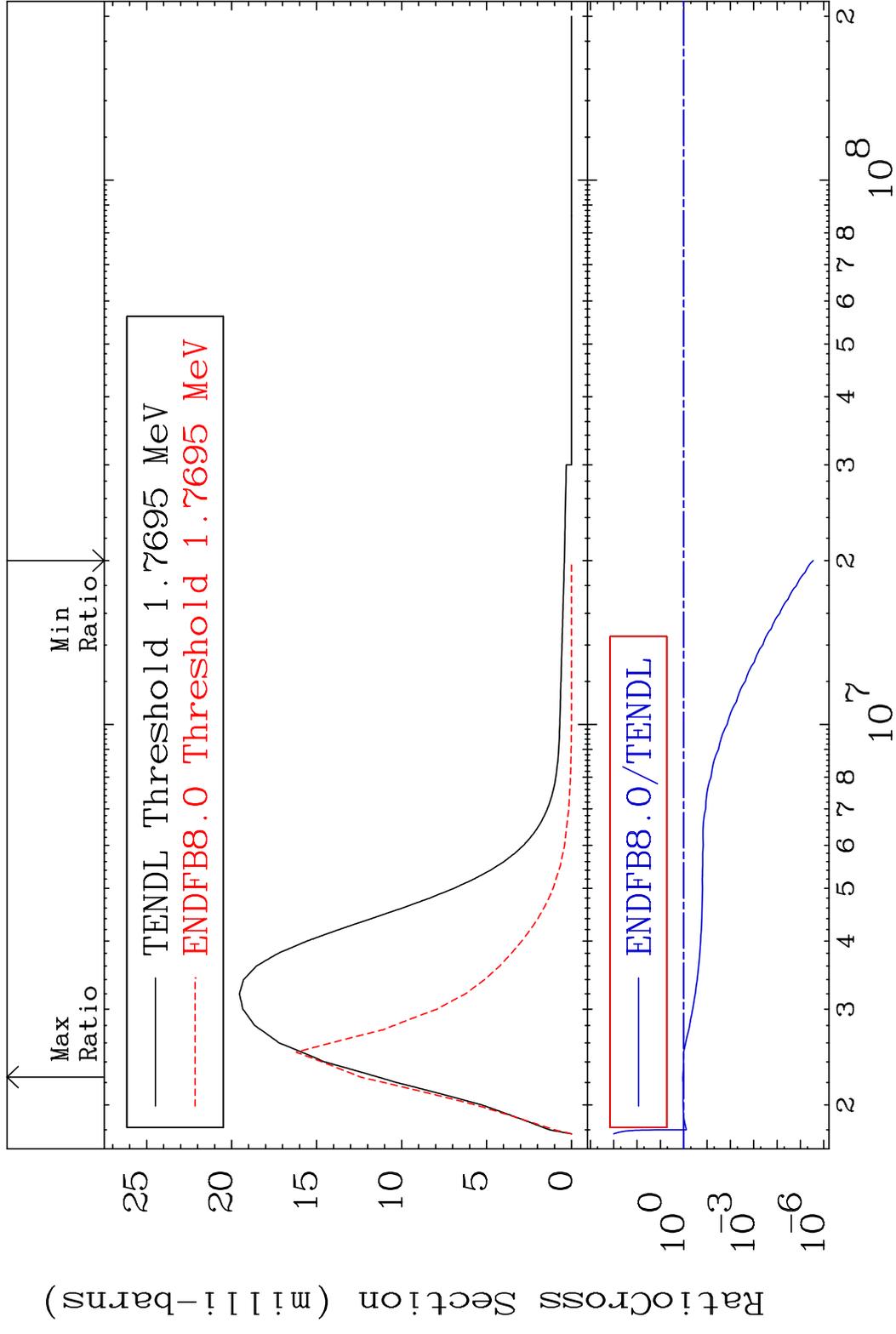
MAT 8434 MT= 59 (n, n') Level 84-Po-209
 Cross Section -100.0 To 9.881 %



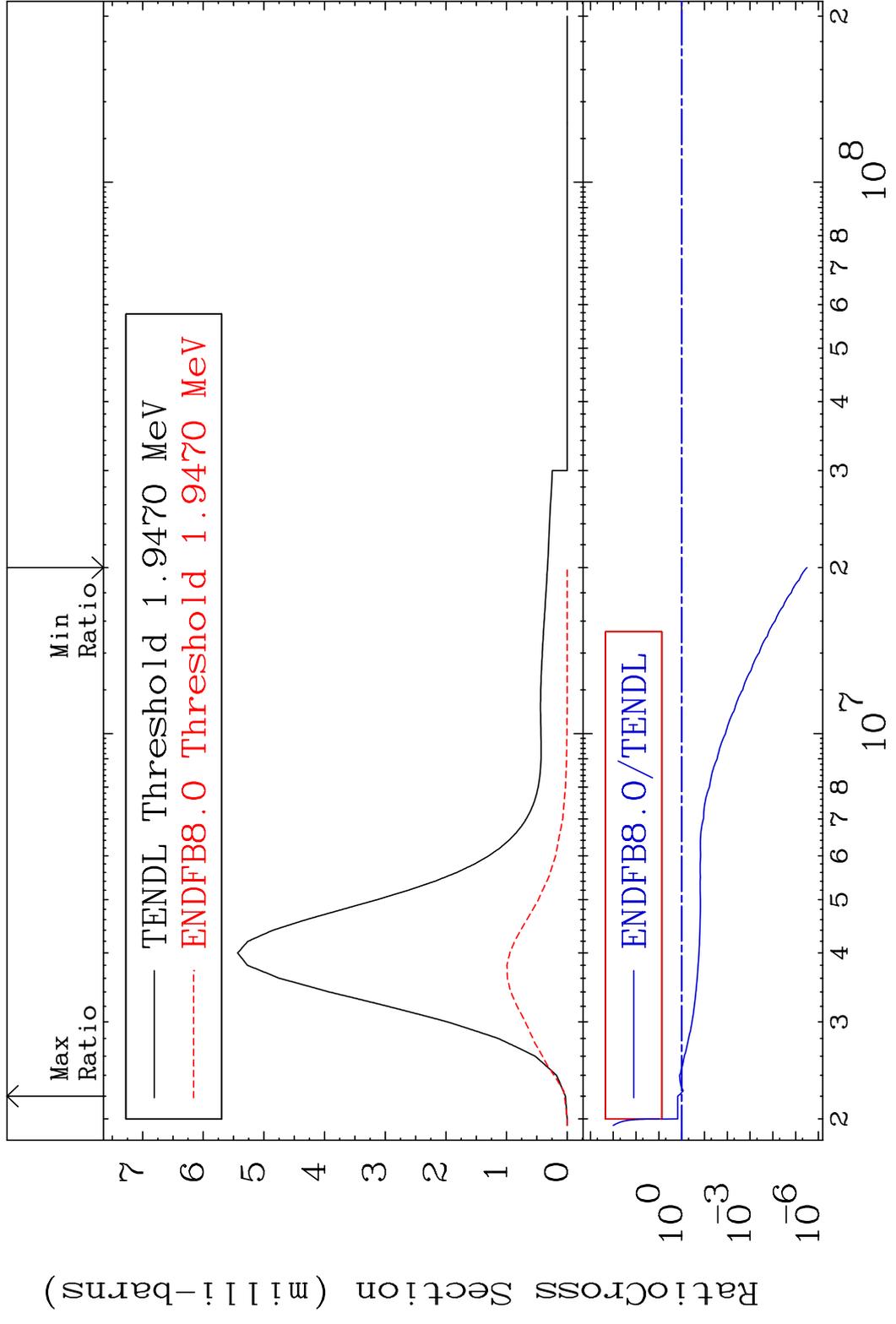
MAT 8434 MT= 60 (n, n') Level 84-Po-209
 Cross Section -100.0 To 10.99 %



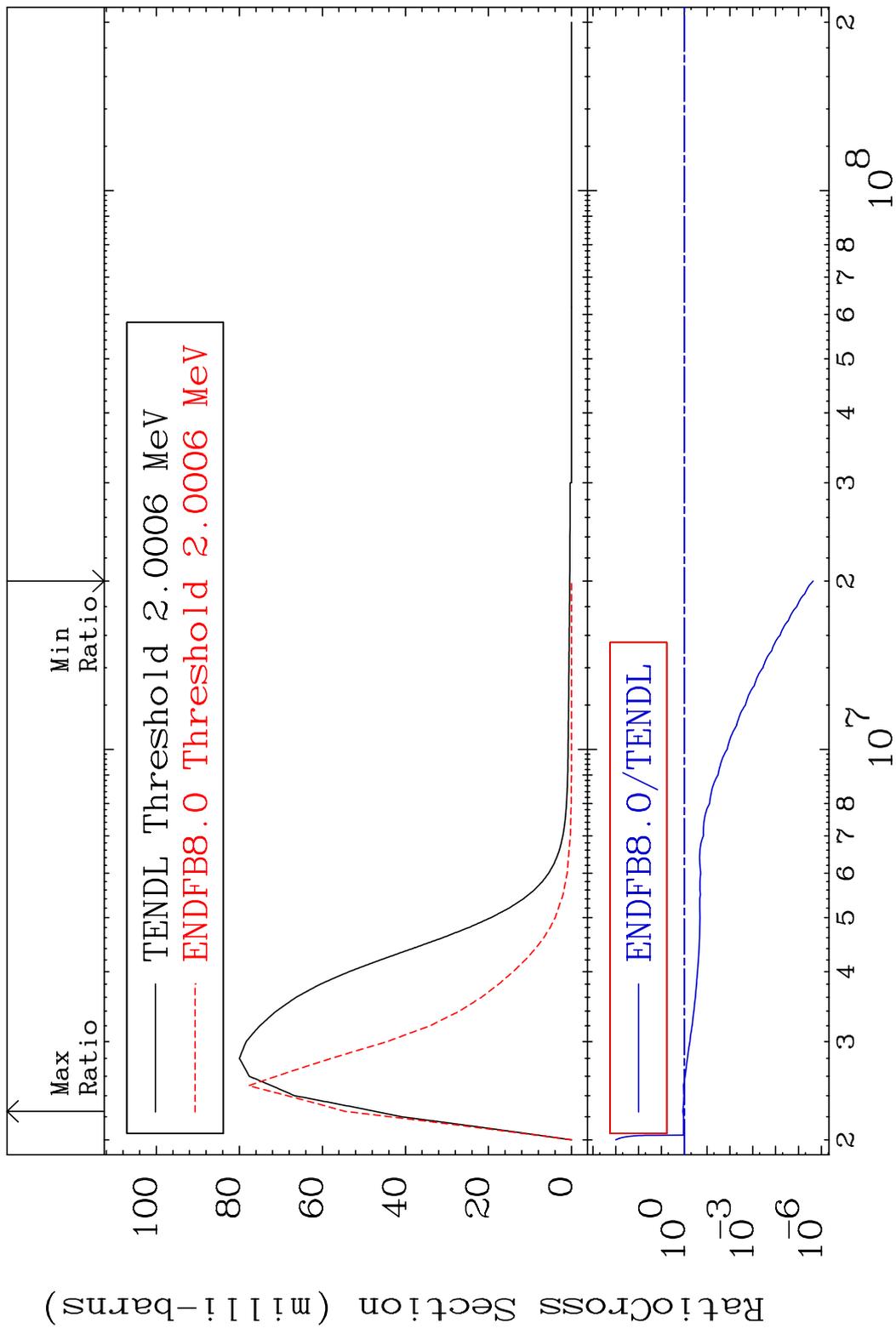
MAT 8434 MT= 61 (n, n') Level 84-Po-209
 Cross Section -100.0 To 9.237 %



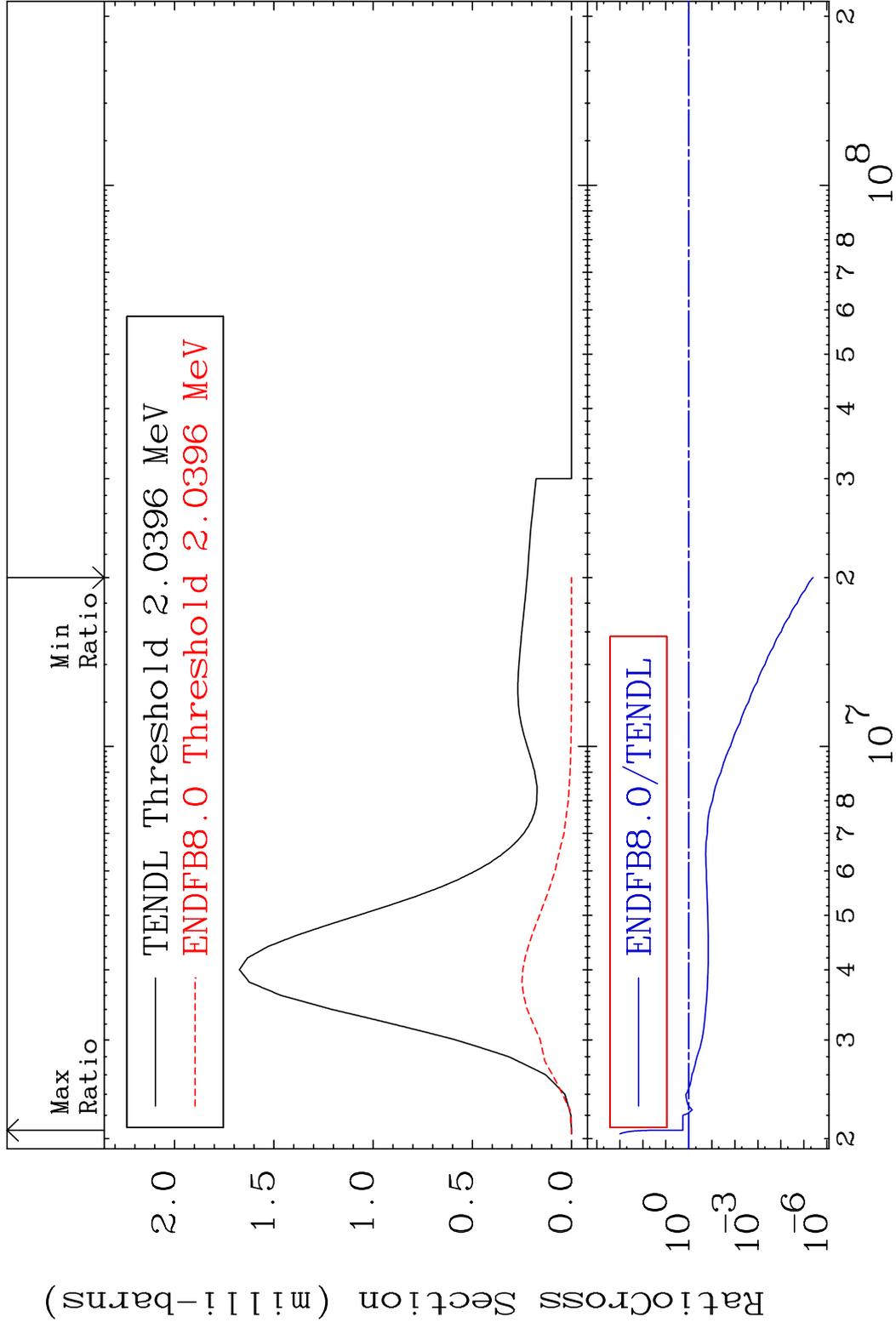
MAT 8434 MT= 62 (n, n') Level 84-Po-209
 Cross Section -100.0 To 49.45 %



MAT 8434 MT= 63 (n, n') Level 84-Po-209
 Cross Section -100.0 To 15.19 %



MAT 8434 MT= 64 (n, n') Level 84-Po-209
 Cross Section -100.0 To 82.43 %



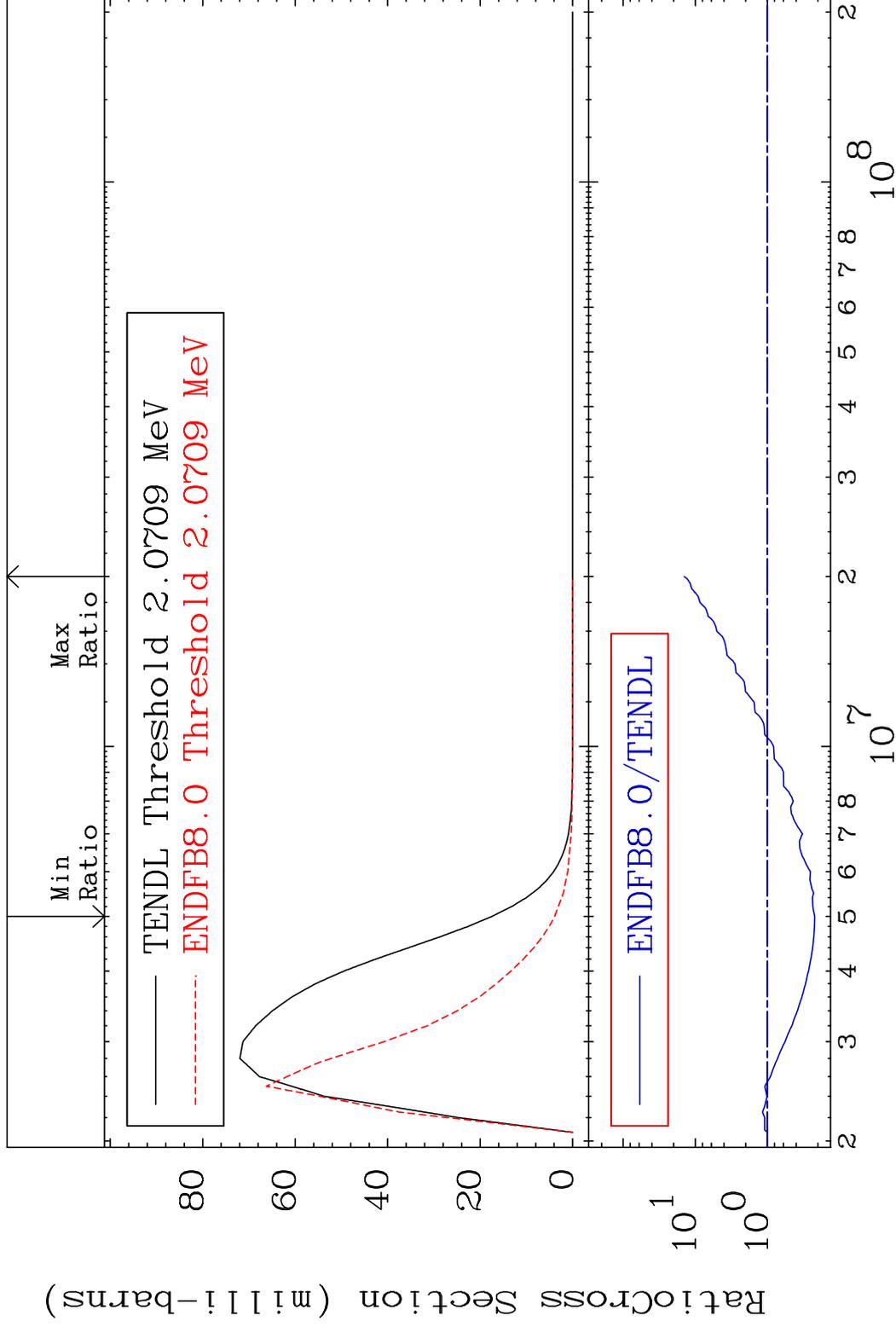
18 Incident Energy (eV) 84-Po-209

MAT 8434

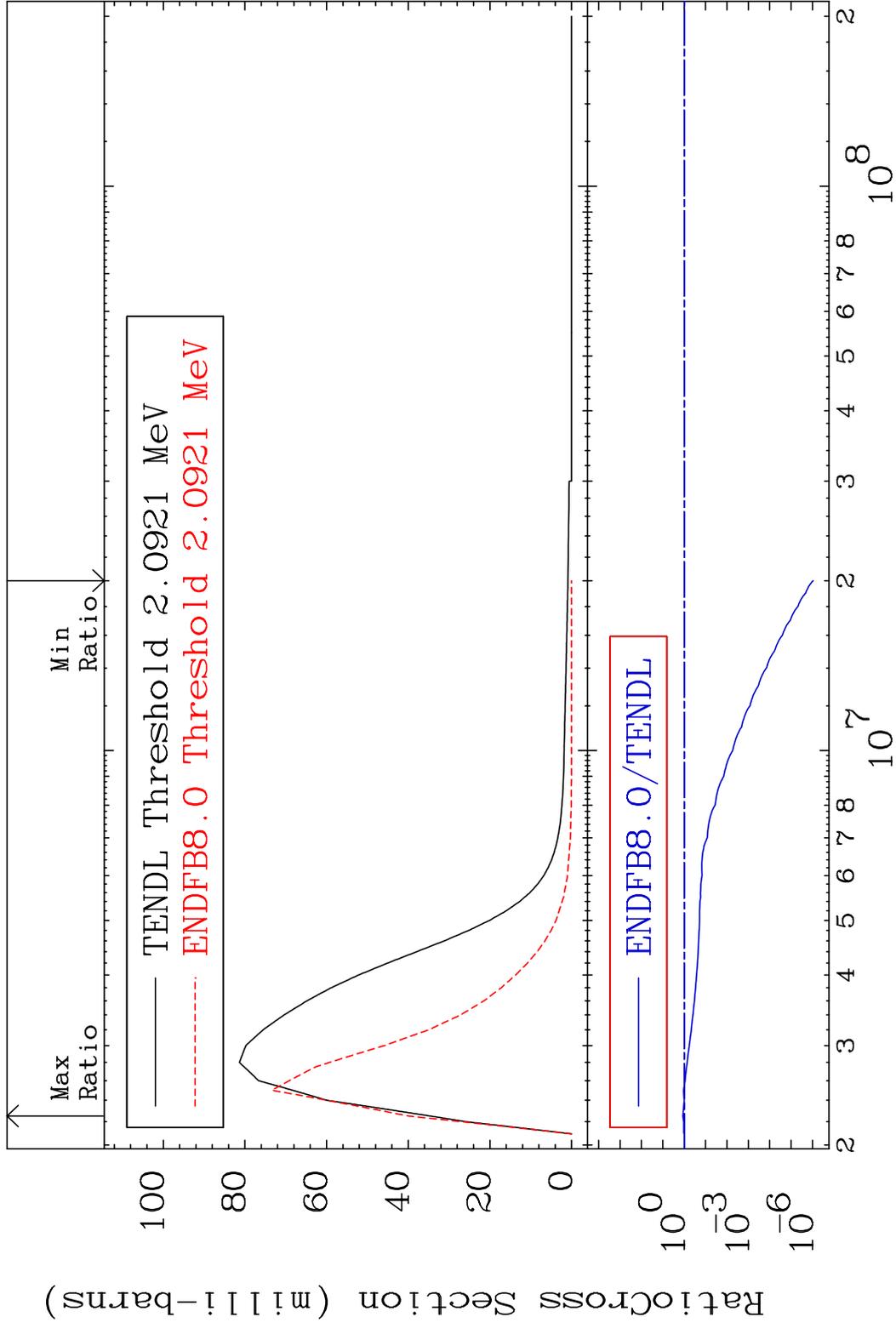
MT= 65 (n, n') Level

84-Po-209

Cross Section -77.83 To 1331. %

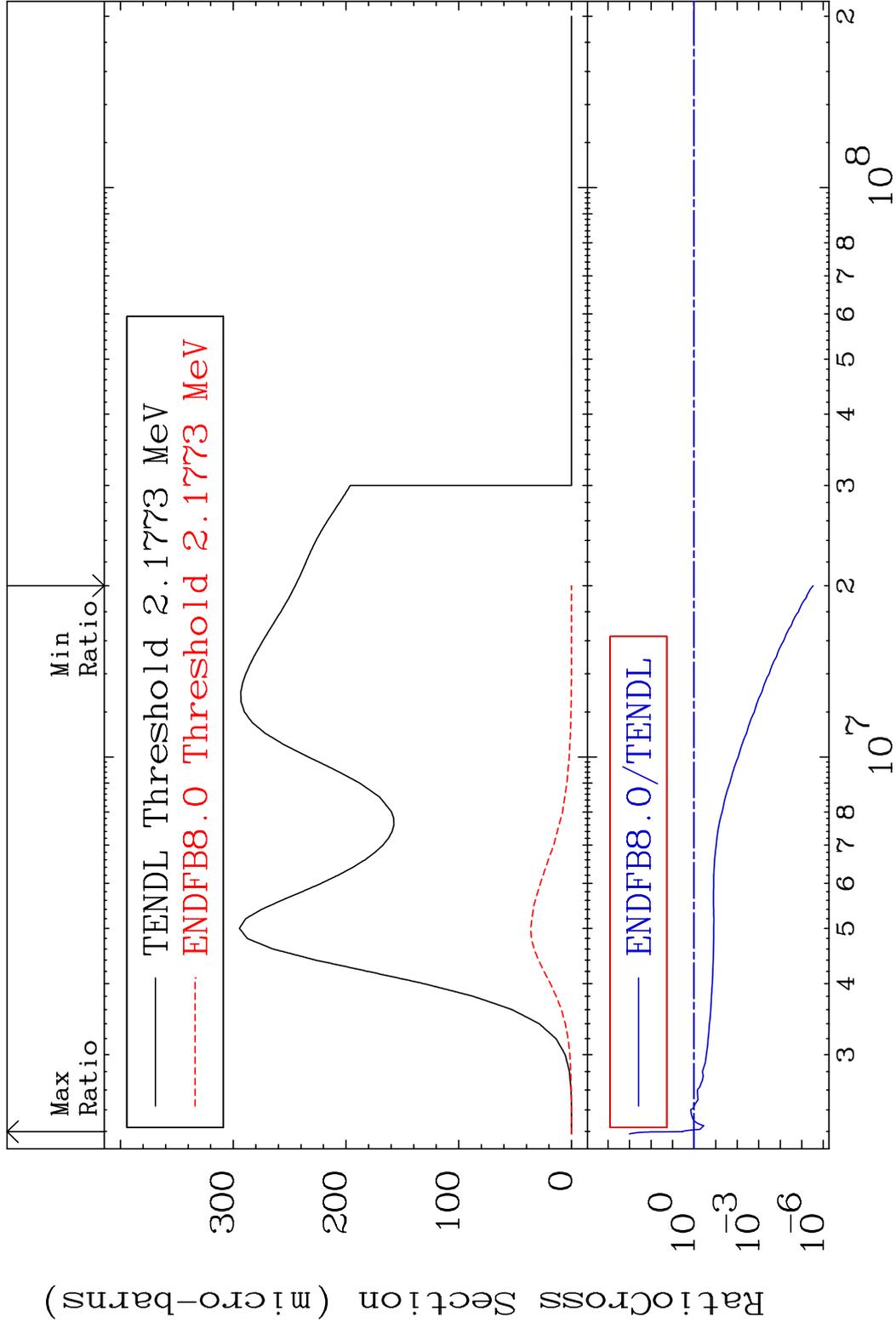


MAT 8434 MT= 66 (n, n') Level 84-Po-209
 Cross Section -100.0 To 15.49 %



20 Incident Energy (eV) 84-Po-209

MAT 8434 MT= 67 (n, n') Level 84-Po-209
 Cross Section -100.0 To 234.1 %

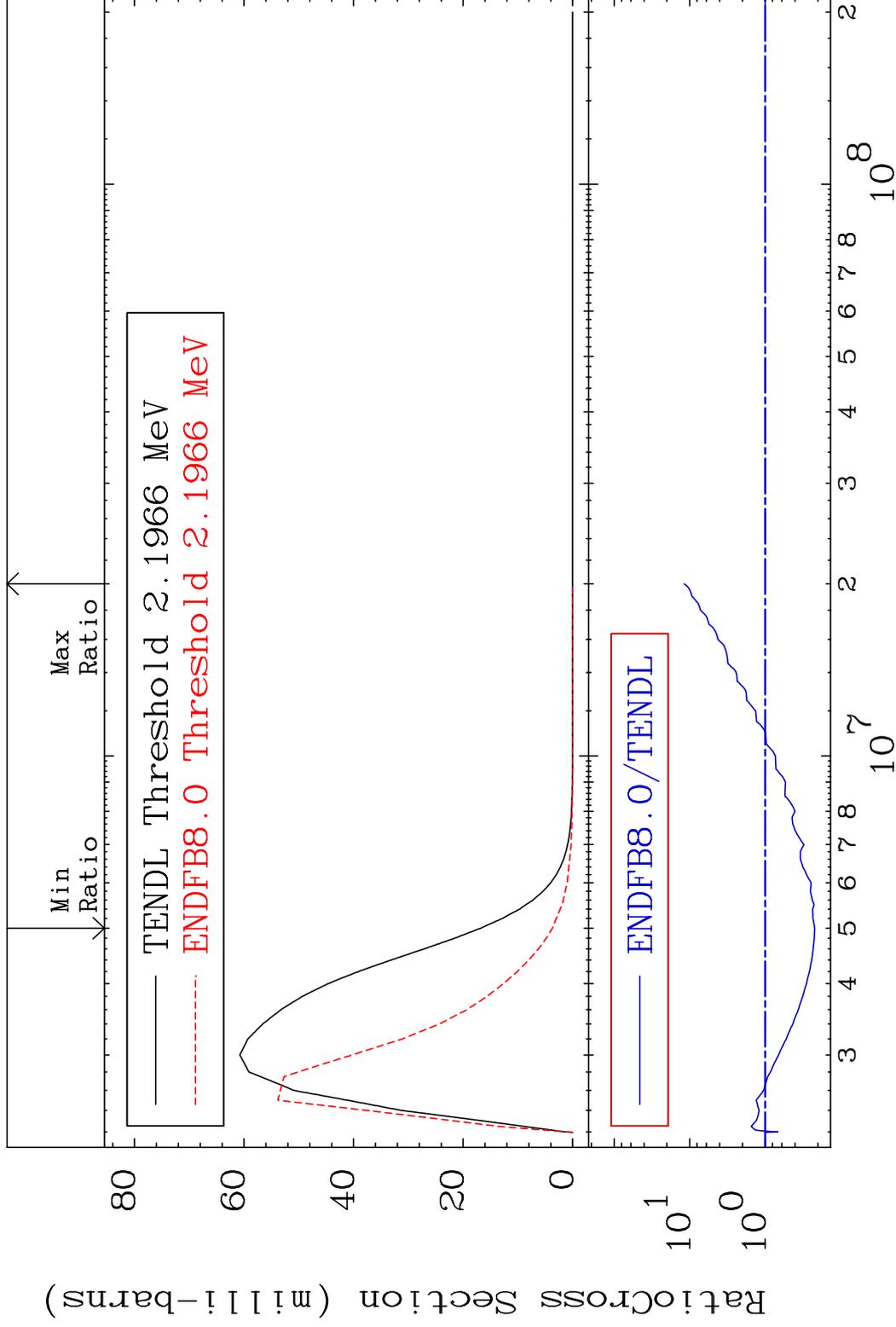


MAT 8434

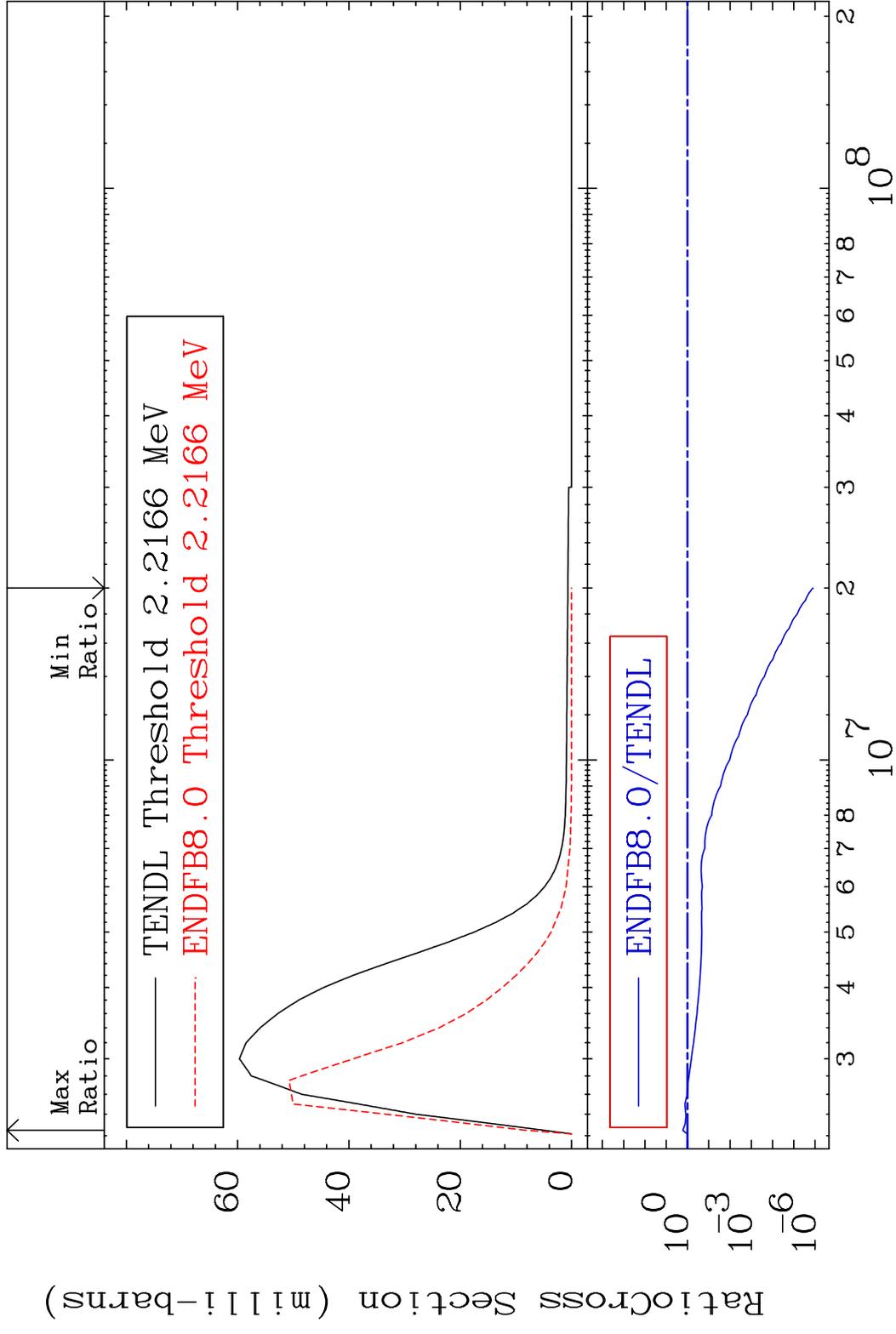
MT= 68 (n, n') Level

84-Po-209

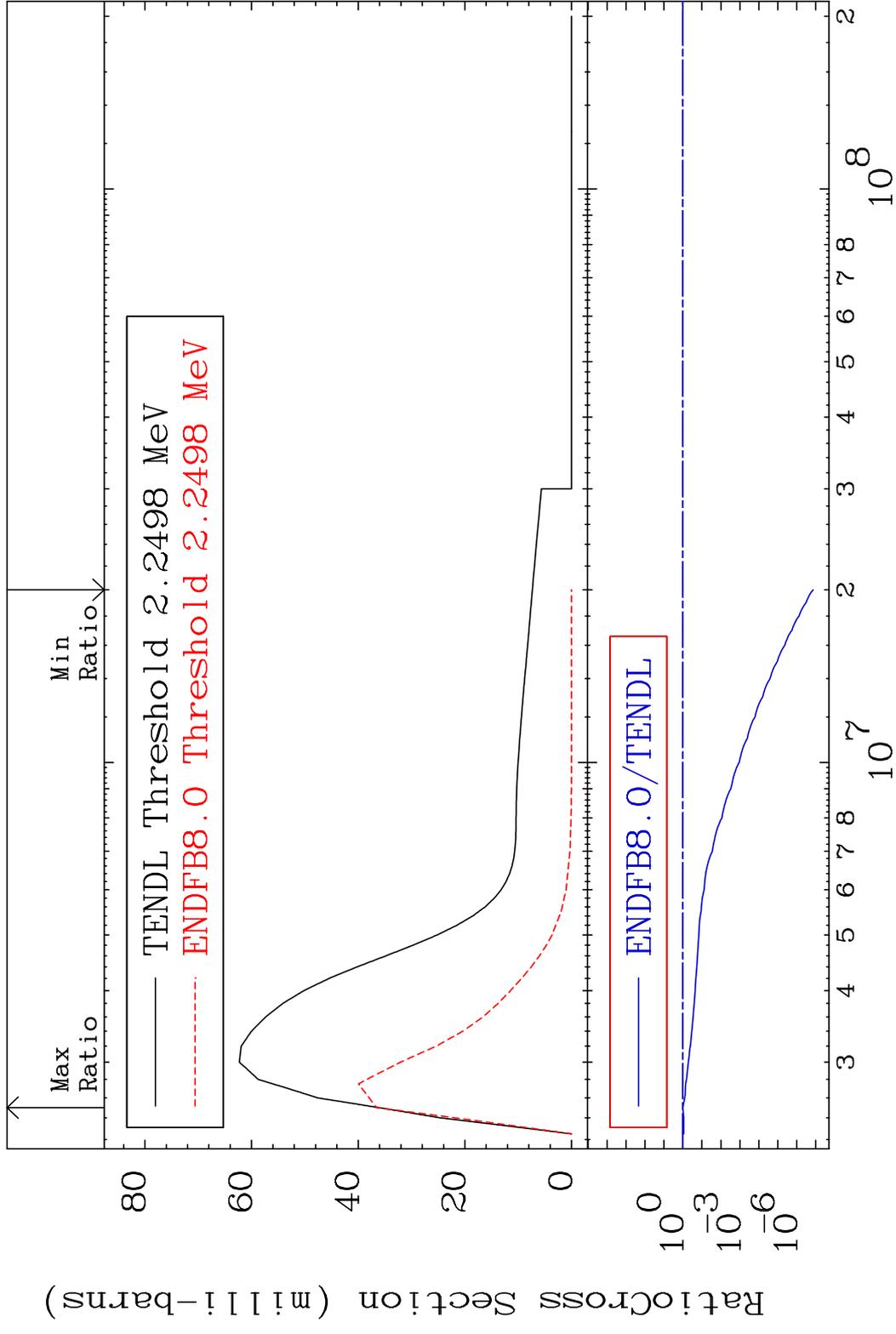
Cross Section -77.97 To 1082. %



MAT 8434 MT= 69 (n, n') Level 84-Po-209
 Cross Section -100.0 To 65.65 %



MAT 8434 MT= 70 (n,n') Level 84-Po-209
 Cross Section -100.0 To 1.226 %

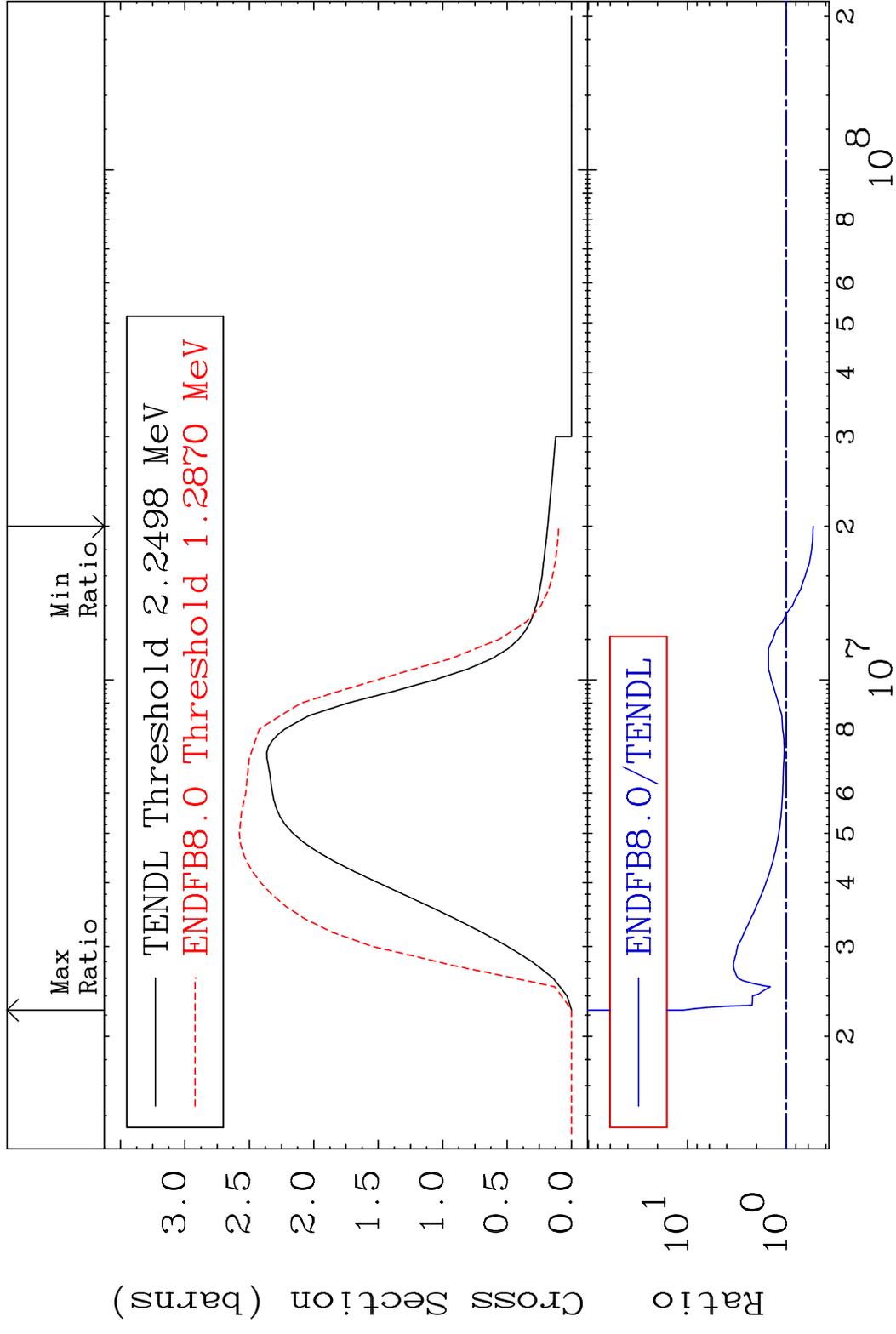


MAT 8434

(n, n') Continuum

84-Po-209

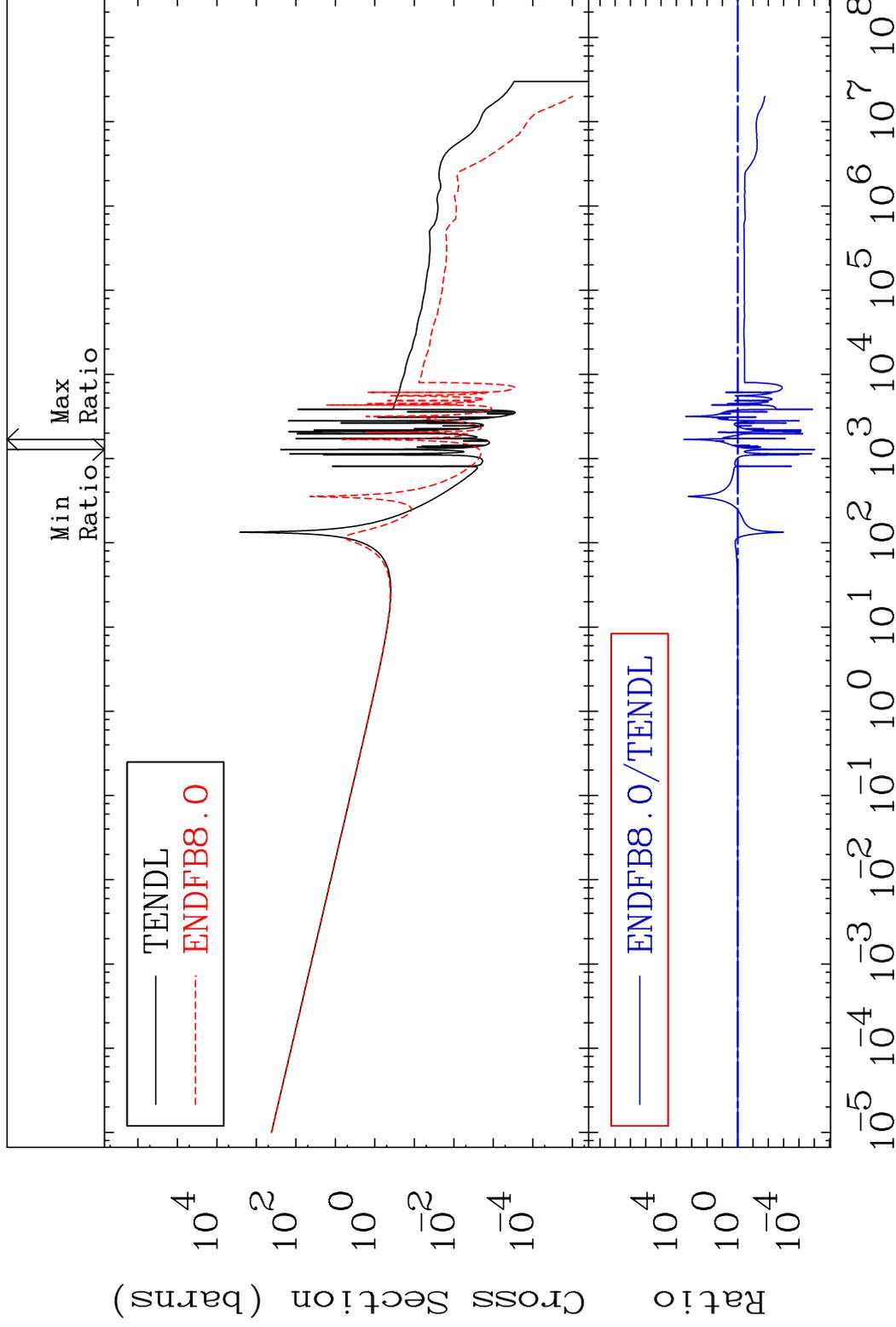
Cross Section -46.43 To 1012. %



MAT 8434

(n, γ)
Cross Section -100.0 To 9999. %

84-Po-209



26

Incident Energy (eV)

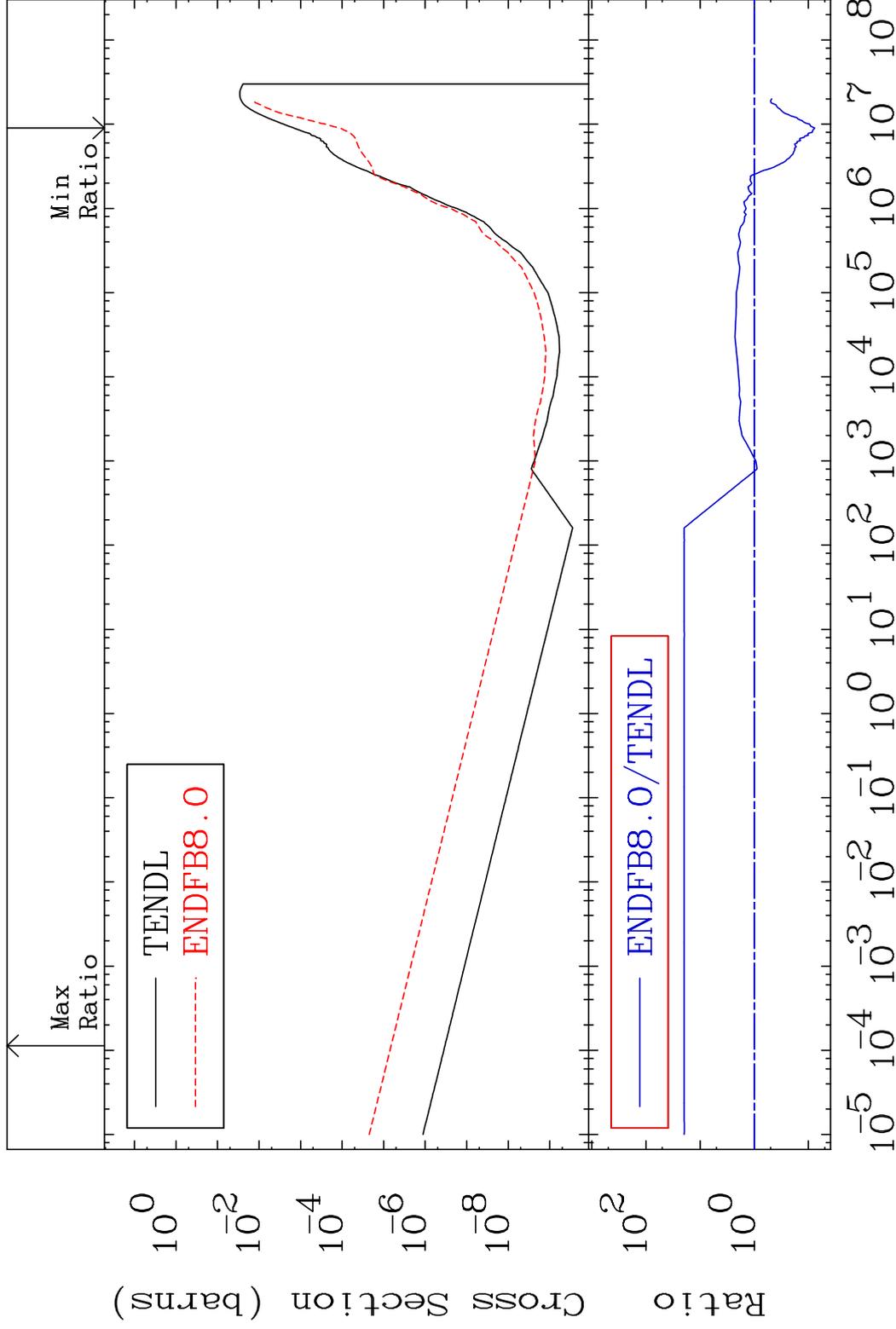
84-Po-209

MAT 8434

(n, p)

84-Po-209

Cross Section -92.34 To 1875. %



27

Incident Energy (eV)

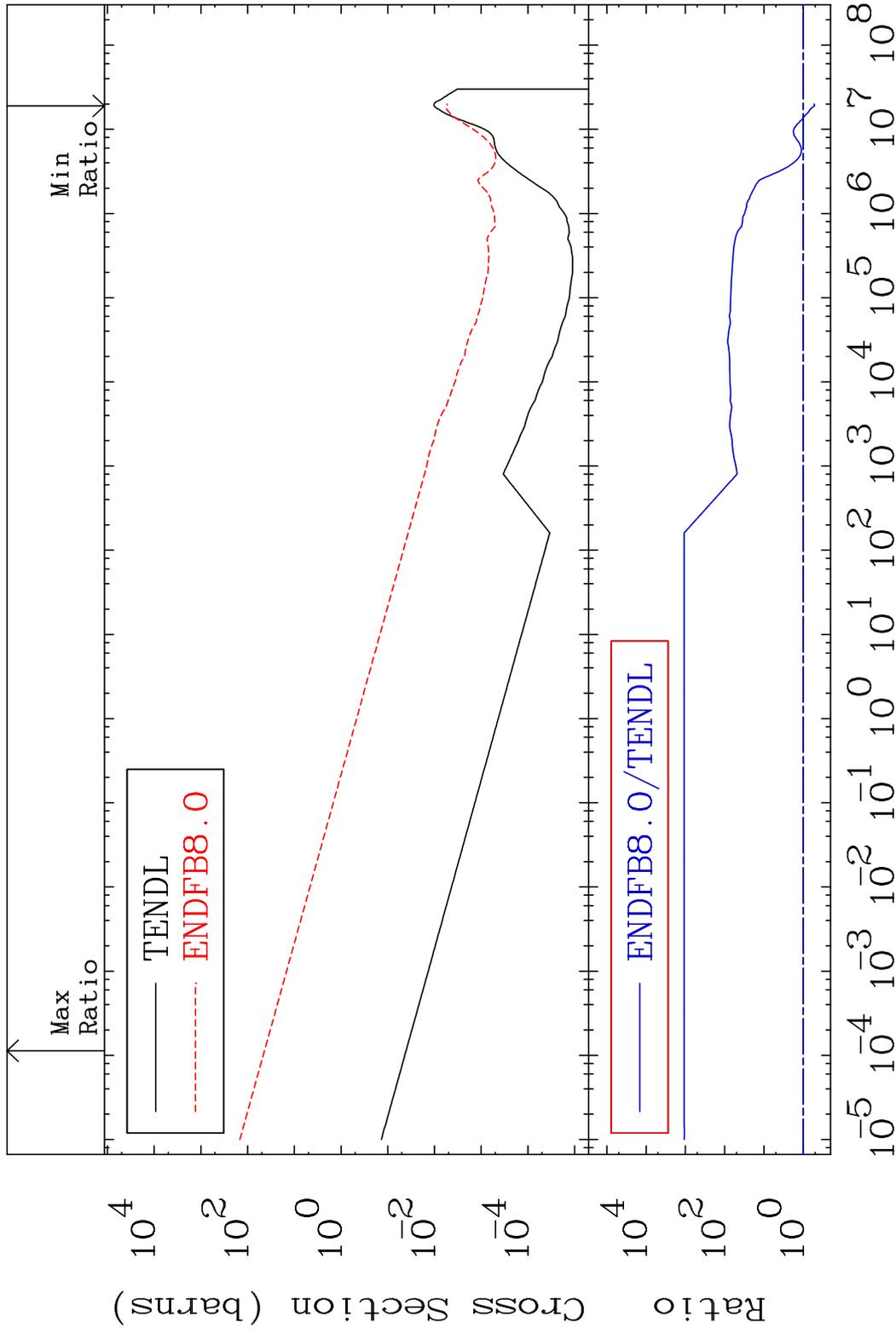
84-Po-209

MAT 8434

(n, α)

84-Po-209

Cross Section -48.66 To 9999. %



28

Incident Energy (eV)

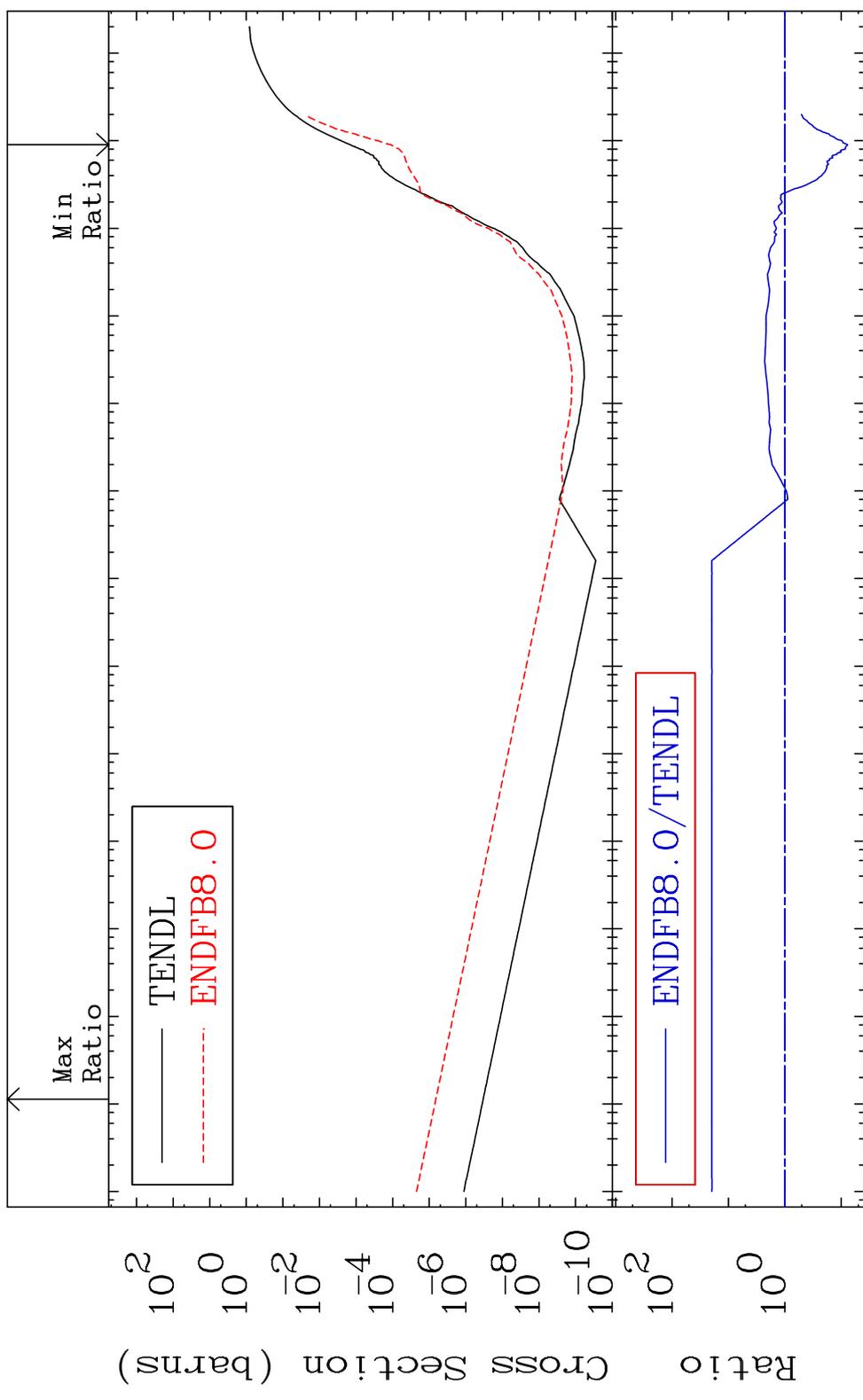
84-Po-209

MAT 8434

Hydrogen Production

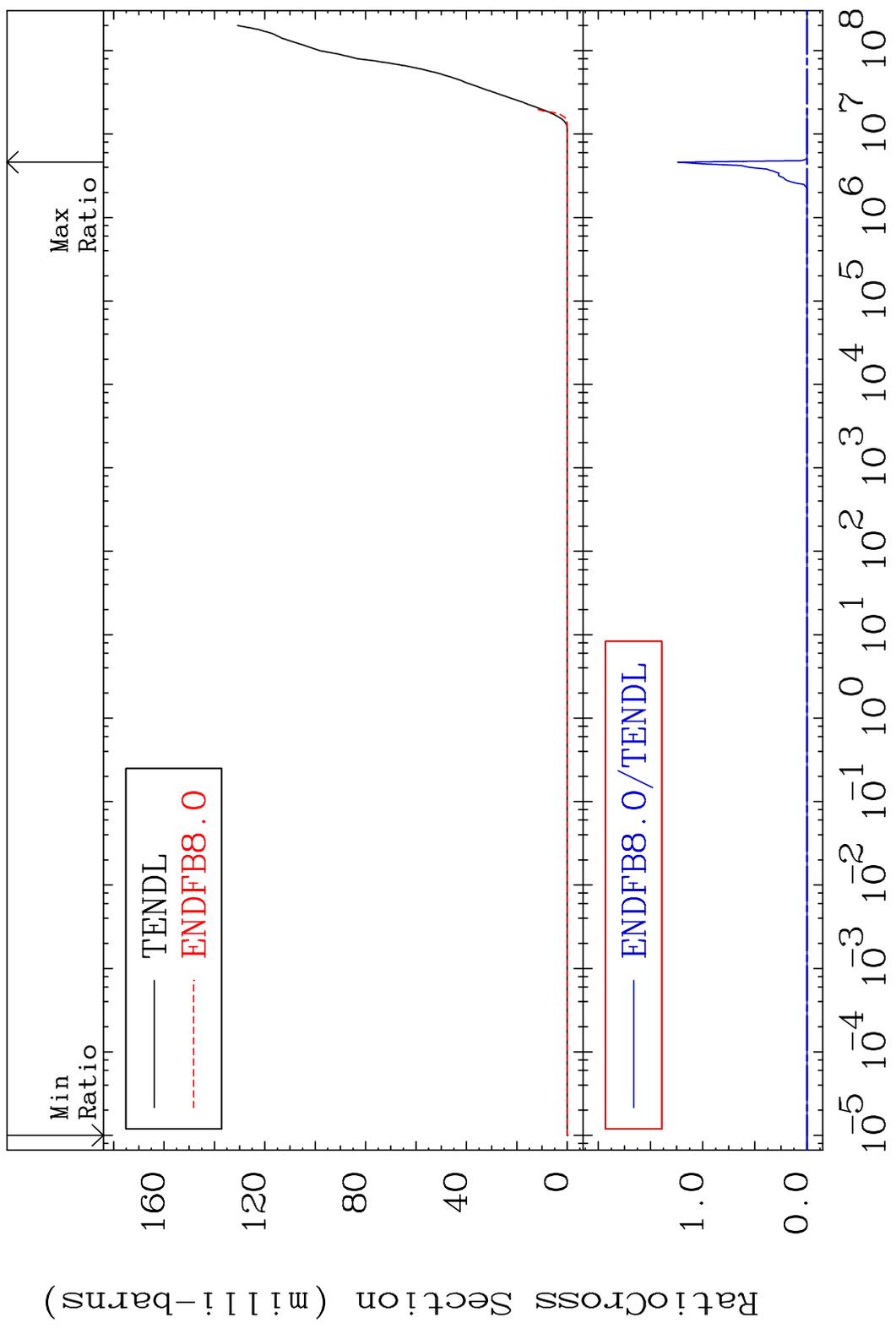
84-Po-209

Cross Section -92.28 To 1875. %



MAT 8434

Deuterium Production 84-Po-209
Cross Section -100.0 To 9999. %



30

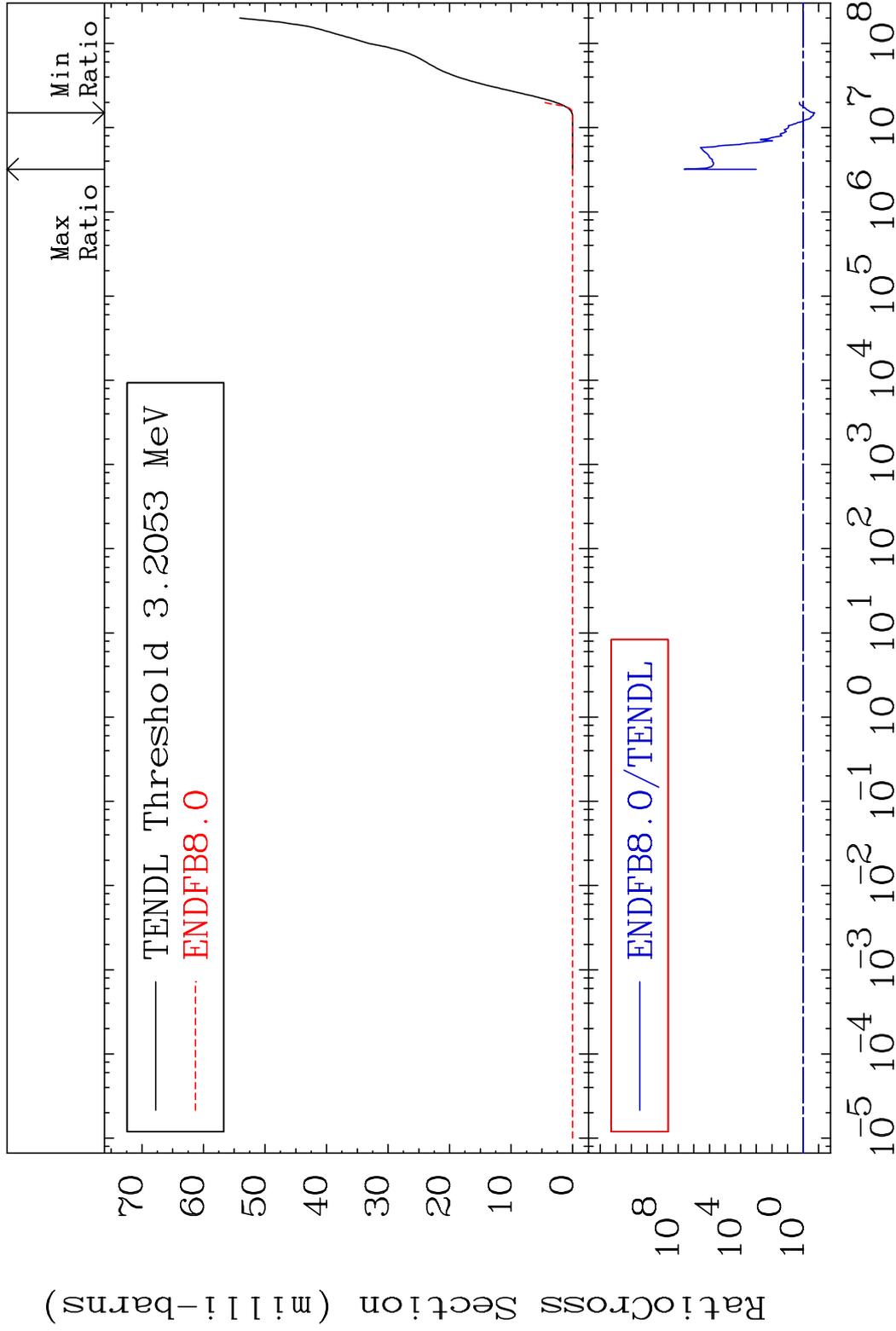
Incident Energy (eV) 84-Po-209

MAT 8434

Tritium Production

84-Po-209

Cross Section -81.88 To 9999. %



31

Incident Energy (eV)

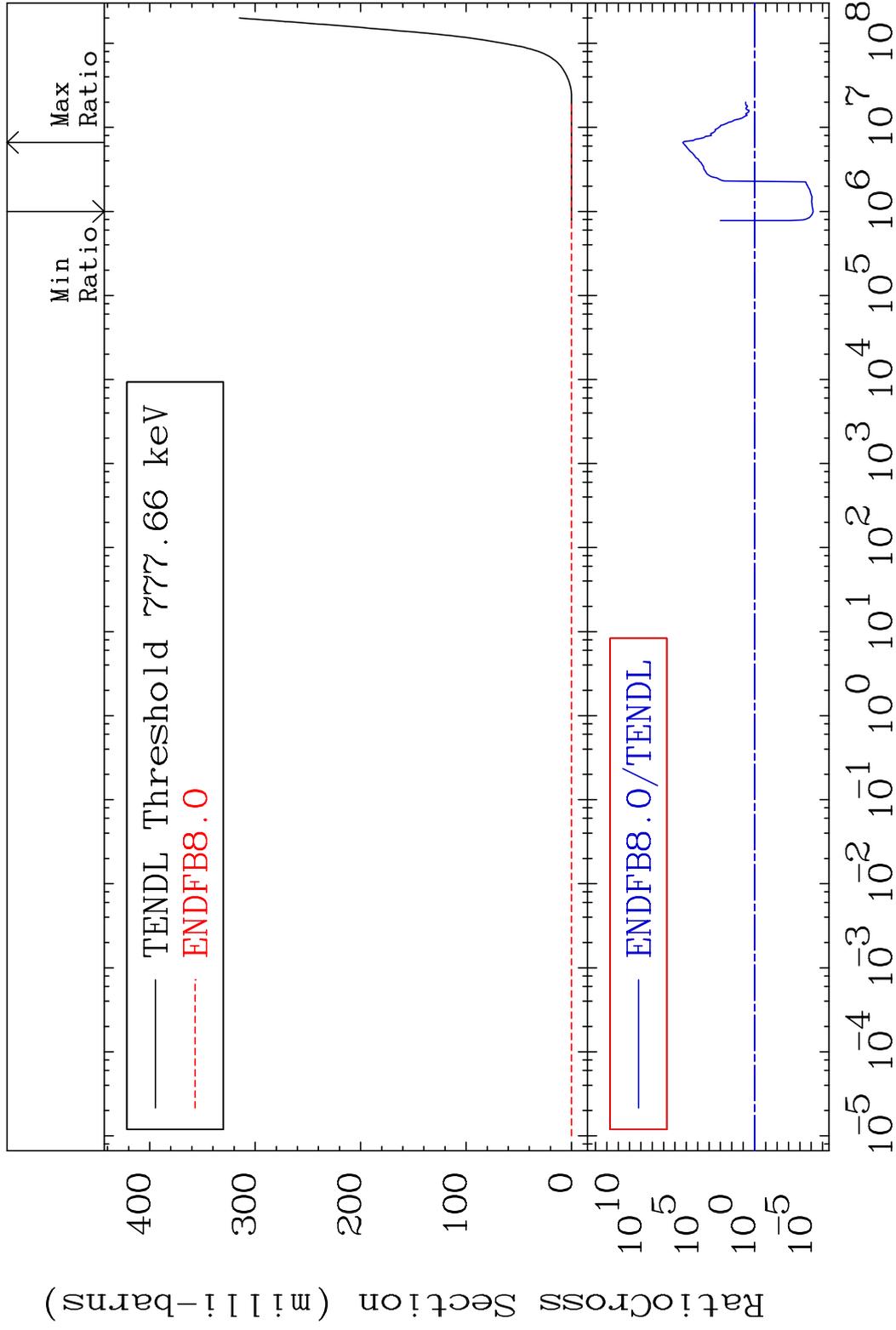
84-Po-209

MAT 8434

He-3 Production

84-Po-209

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

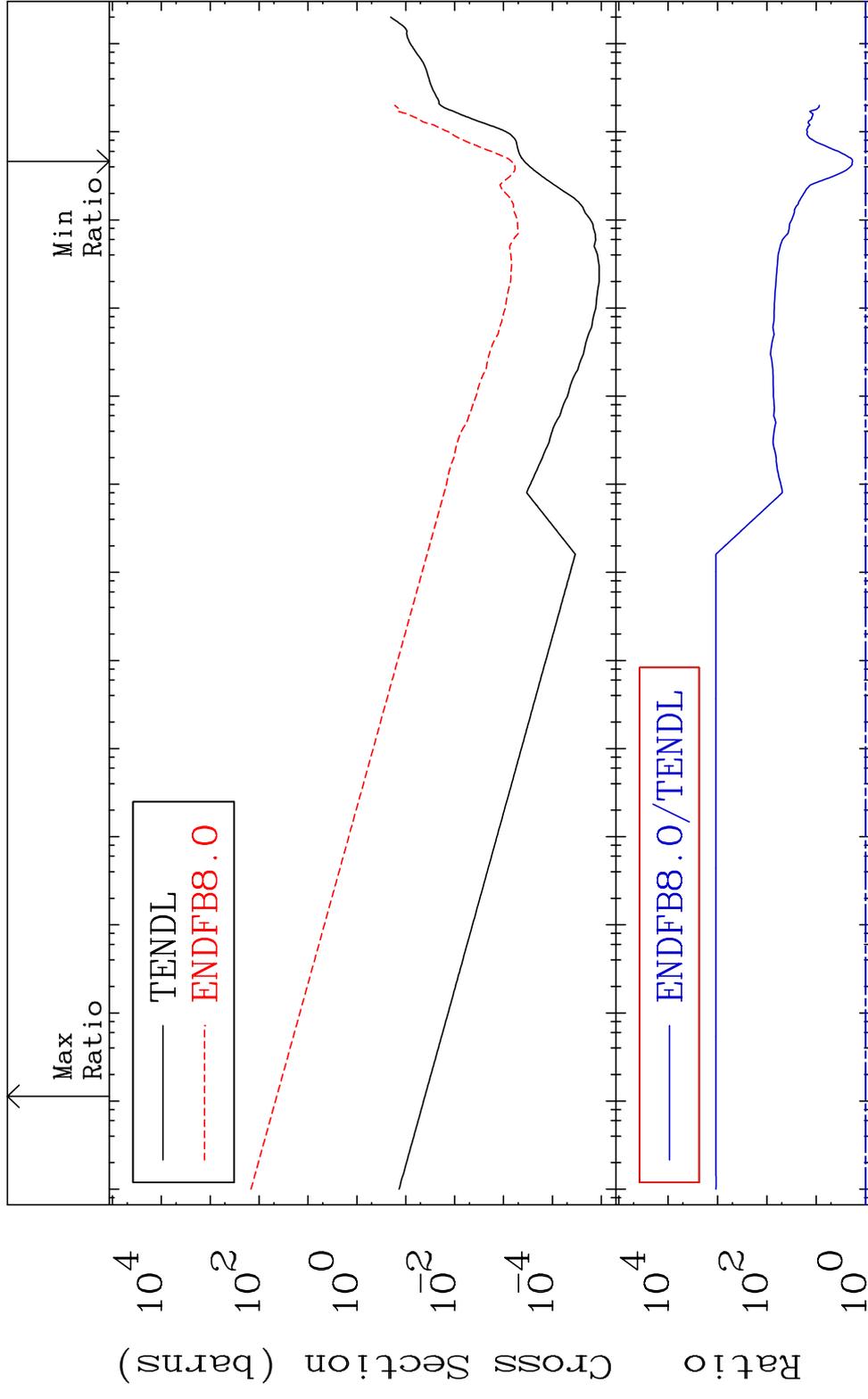
84-Po-209

MAT 8434

He-4 Production

84-Po-209

Cross Section 84.17 To 9999. %

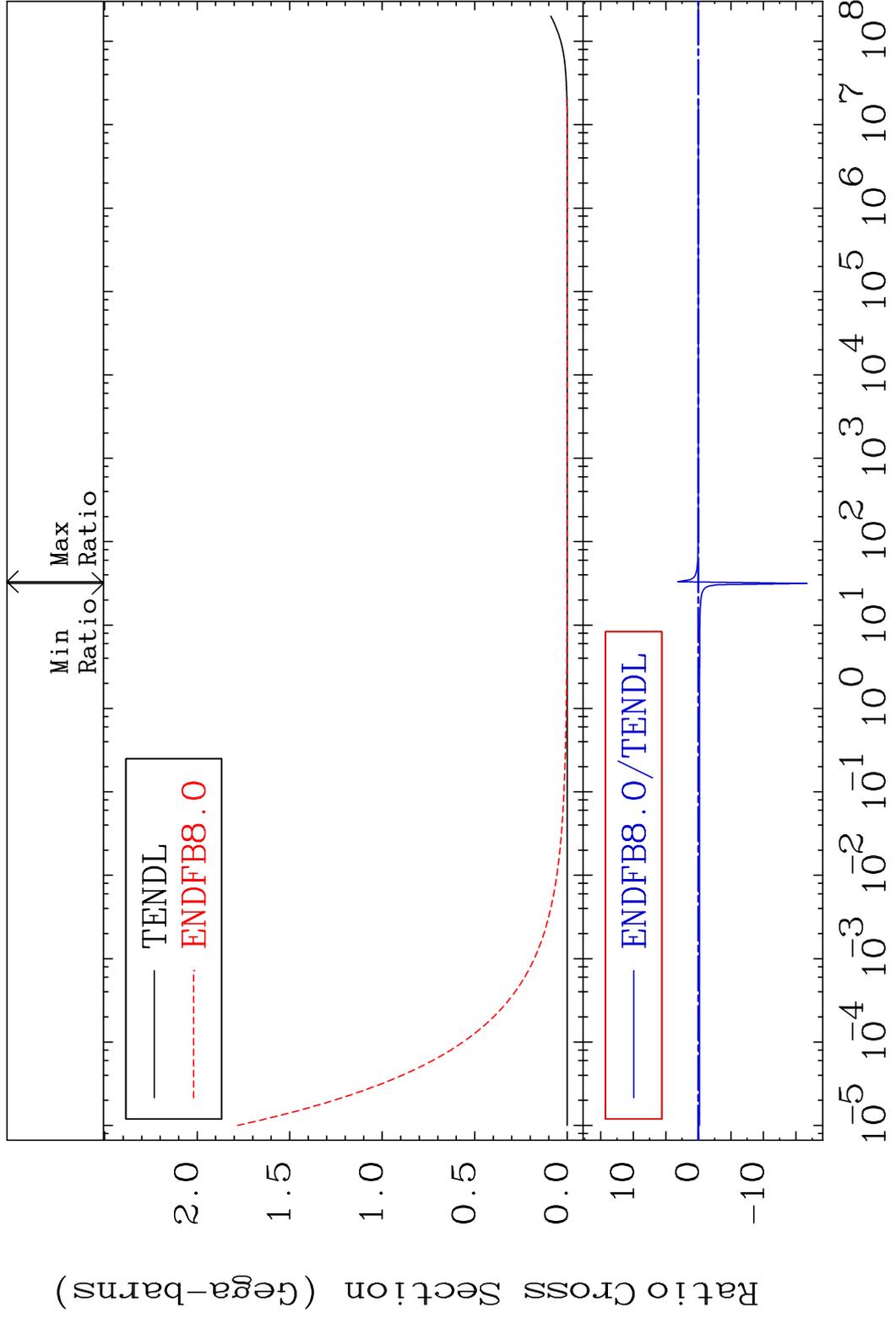


33

Incident Energy (eV)

84-Po-209

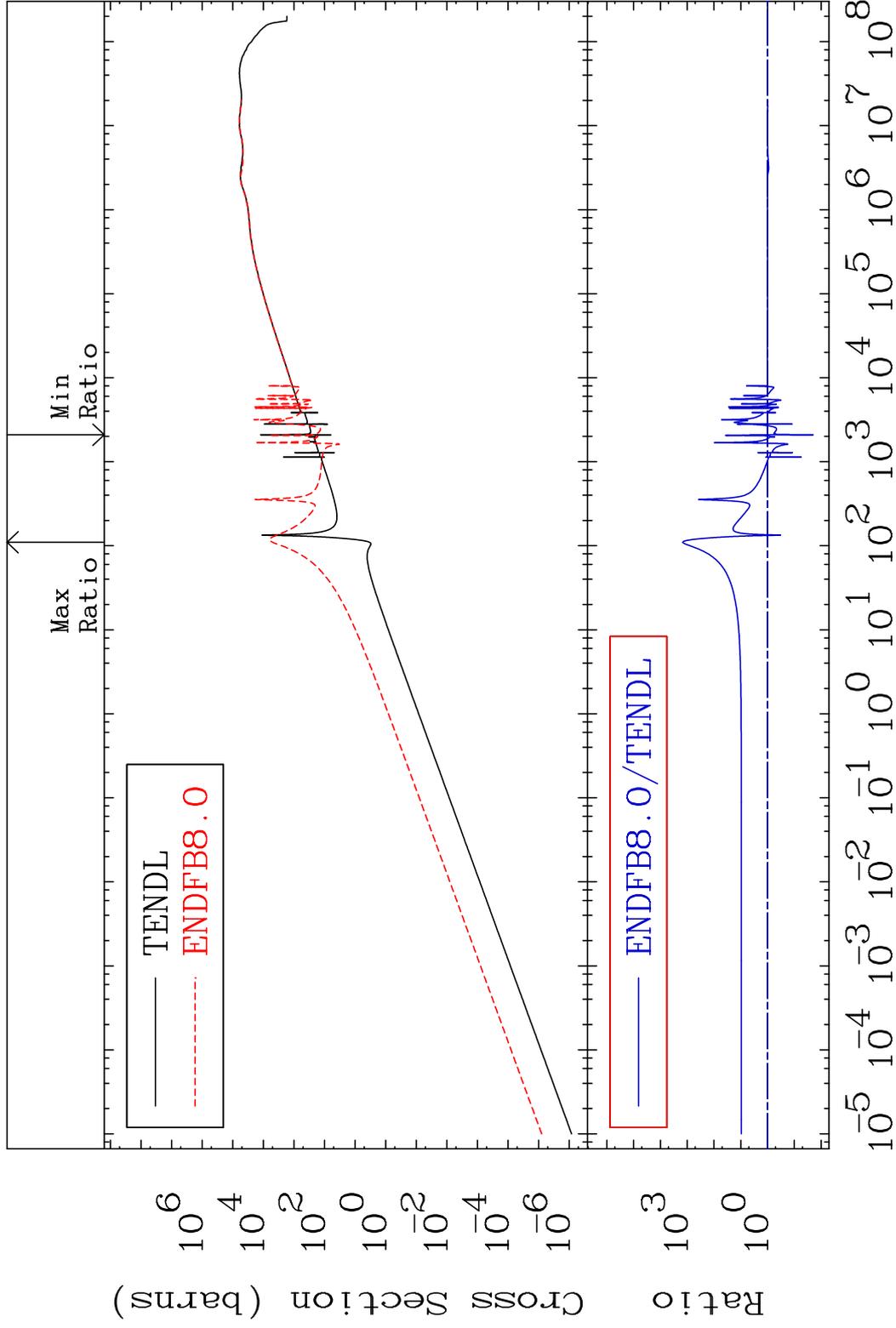
MAT 8434 Kerma total (eV-barns) 84-Po-209
 Cross Section -9999. To 9999. %



MAT 8434

Kerma elastic
Cross Section

84-Po-209
-98.02 To 9999. %

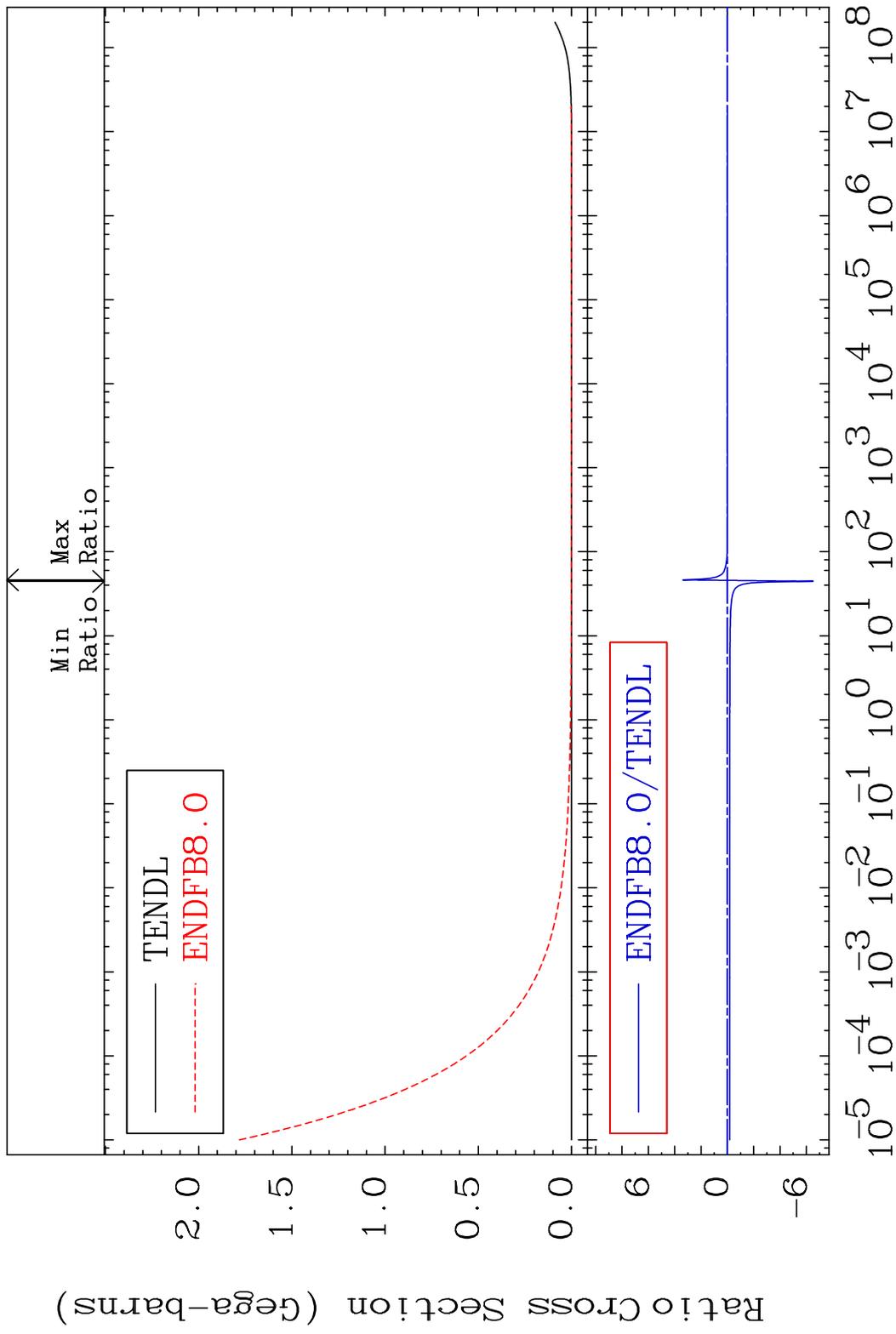


35

Incident Energy (eV)

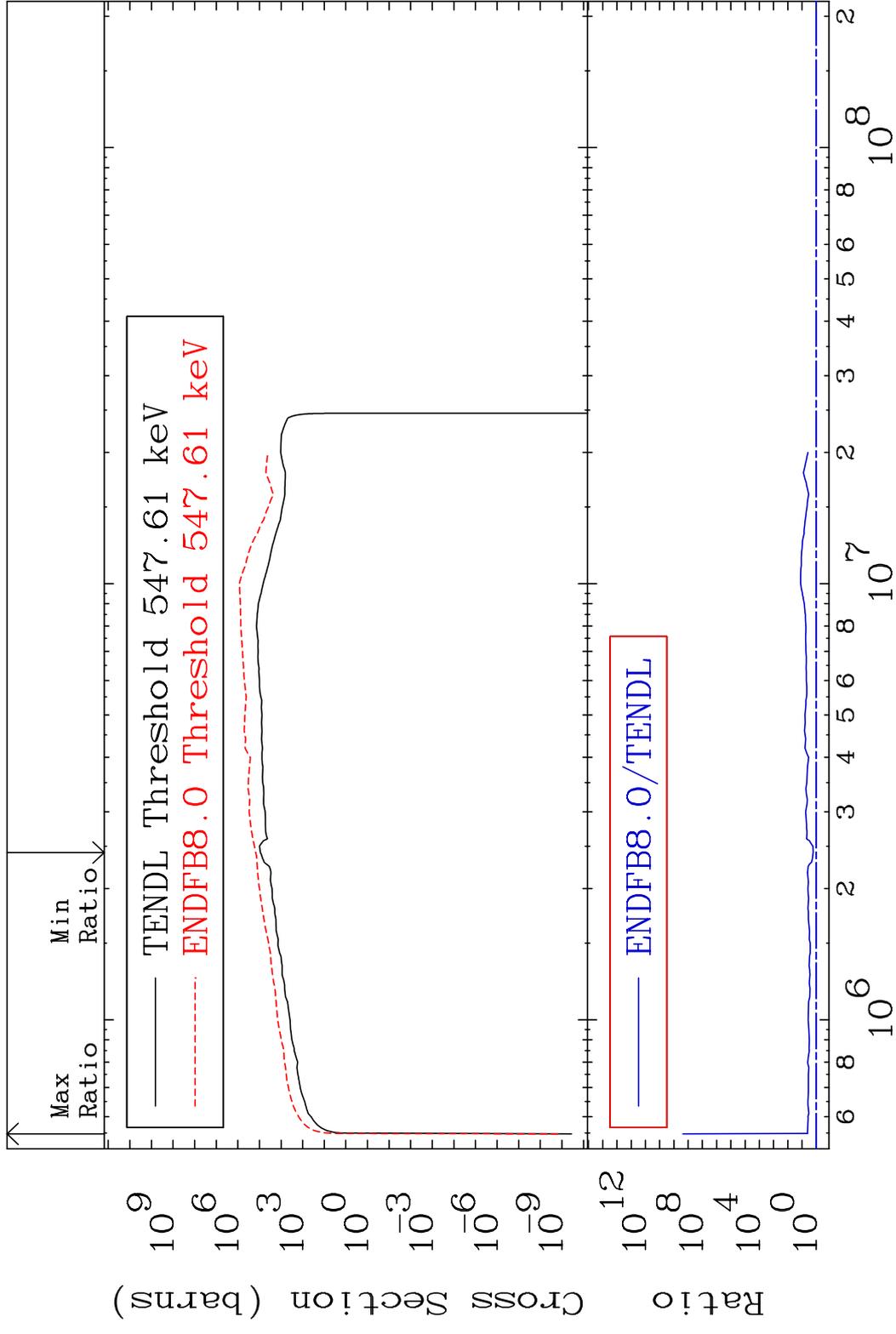
84-Po-209

MAT 8434 Kerma non-elastic (all but mt2) 84-Po-209
 Cross Section -9999. To 9999. %

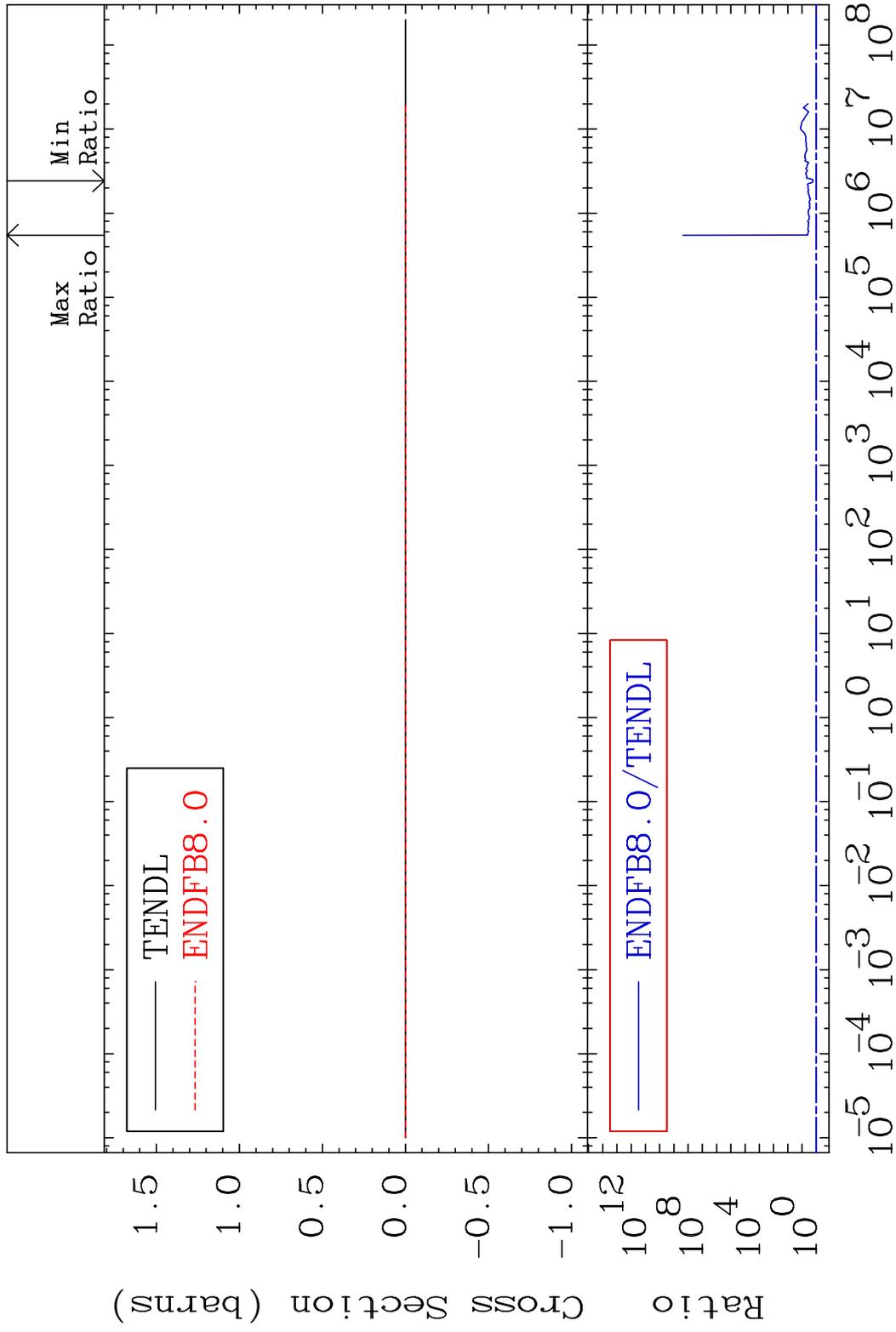


36 Incident Energy (eV) 84-Po-209

MAT 8434 Kerma inelastic (mt51-91) 84-Po-209
 Cross Section 65.72 To 9999. %

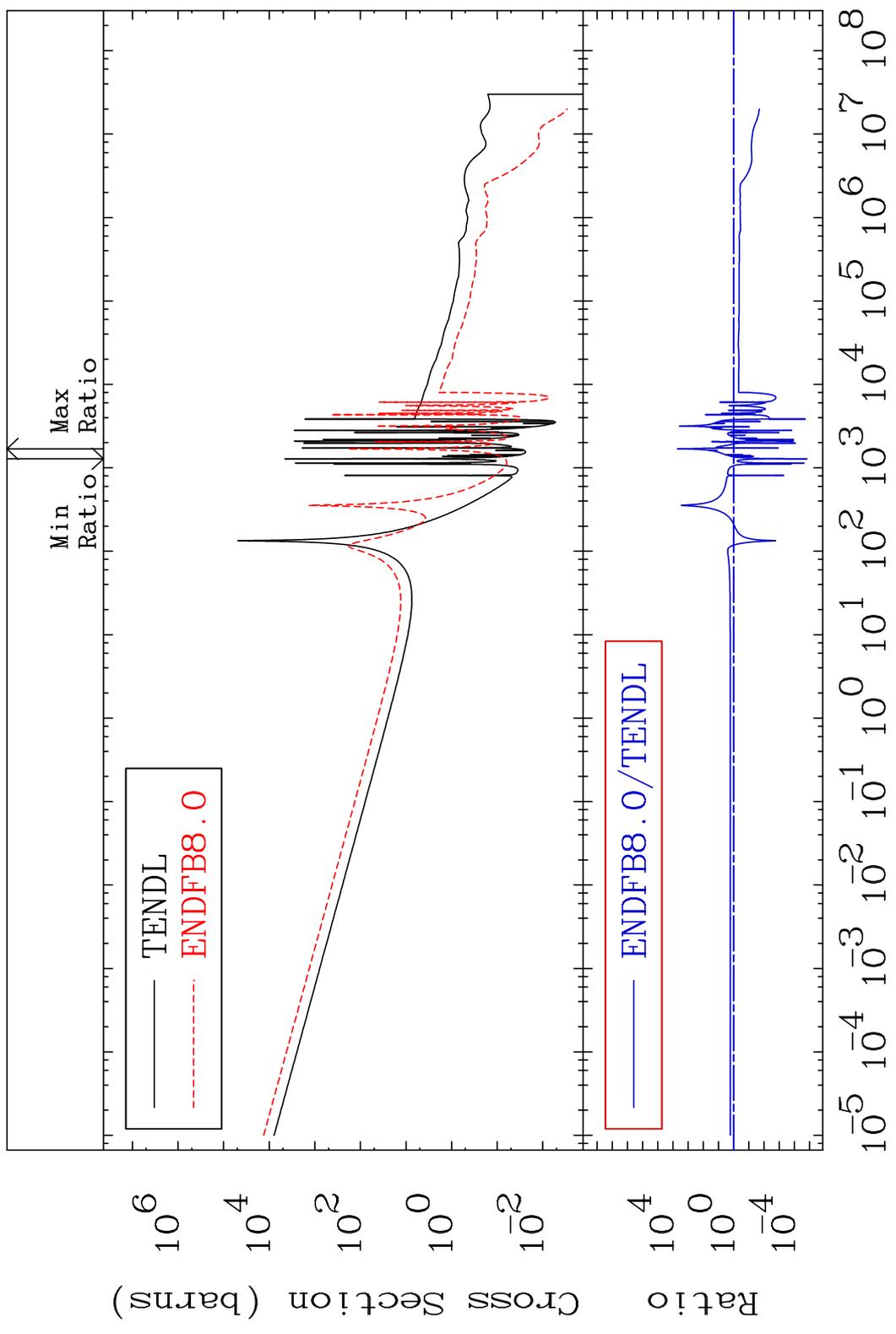


MAT 8434 Kerma fission (mt18 or mt19-20-21-38) 84-Po-209
 Cross Section 65.72 To 9999. %



MAT 8434

Kerma capture (mt102) 84-Po-209
Cross Section -100.0 To 9999. %



39

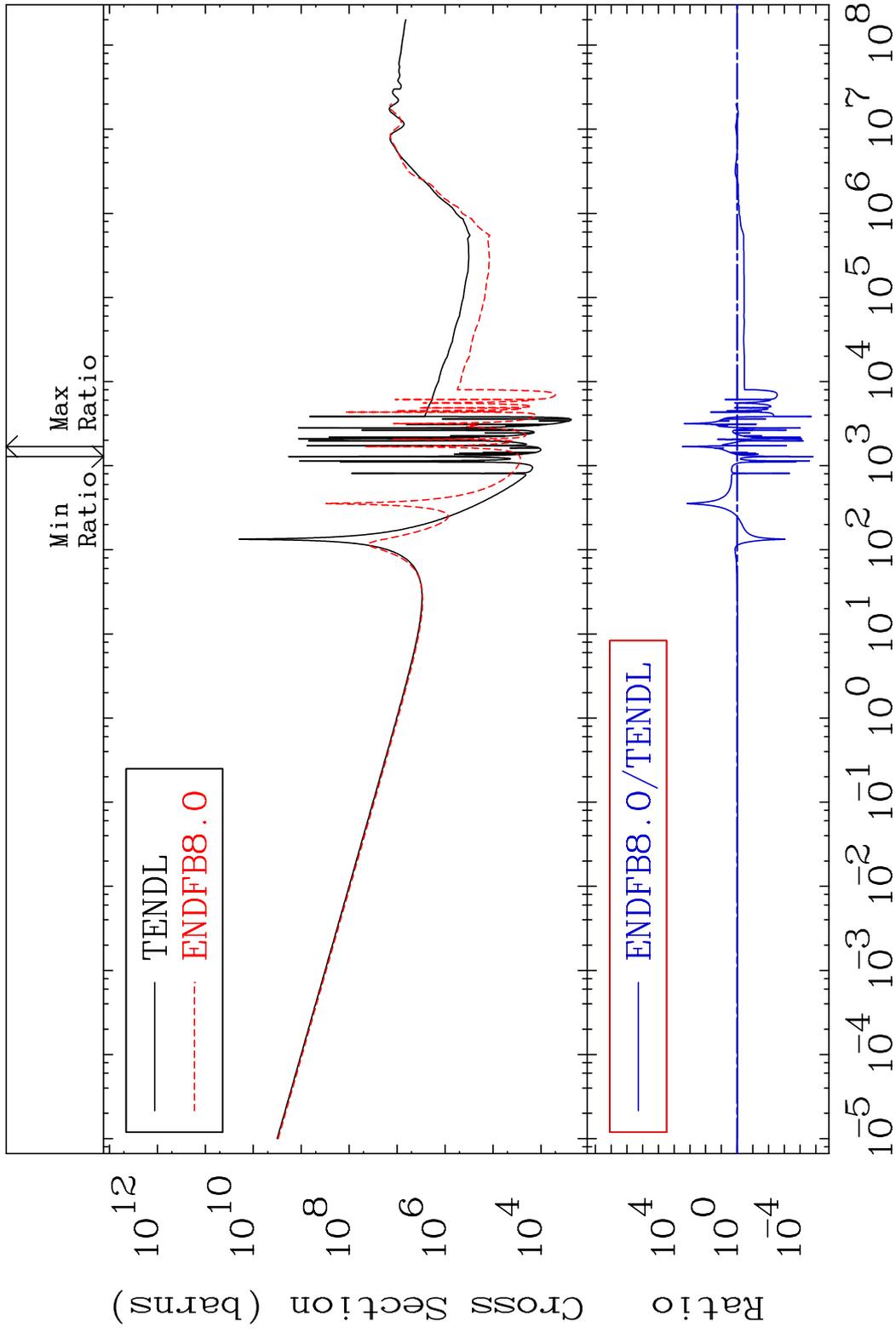
Incident Energy (eV) 84-Po-209

MAT 8434

Total photon (eV-barns)

84-Po-209

Cross Section -100.0 To 9999. %

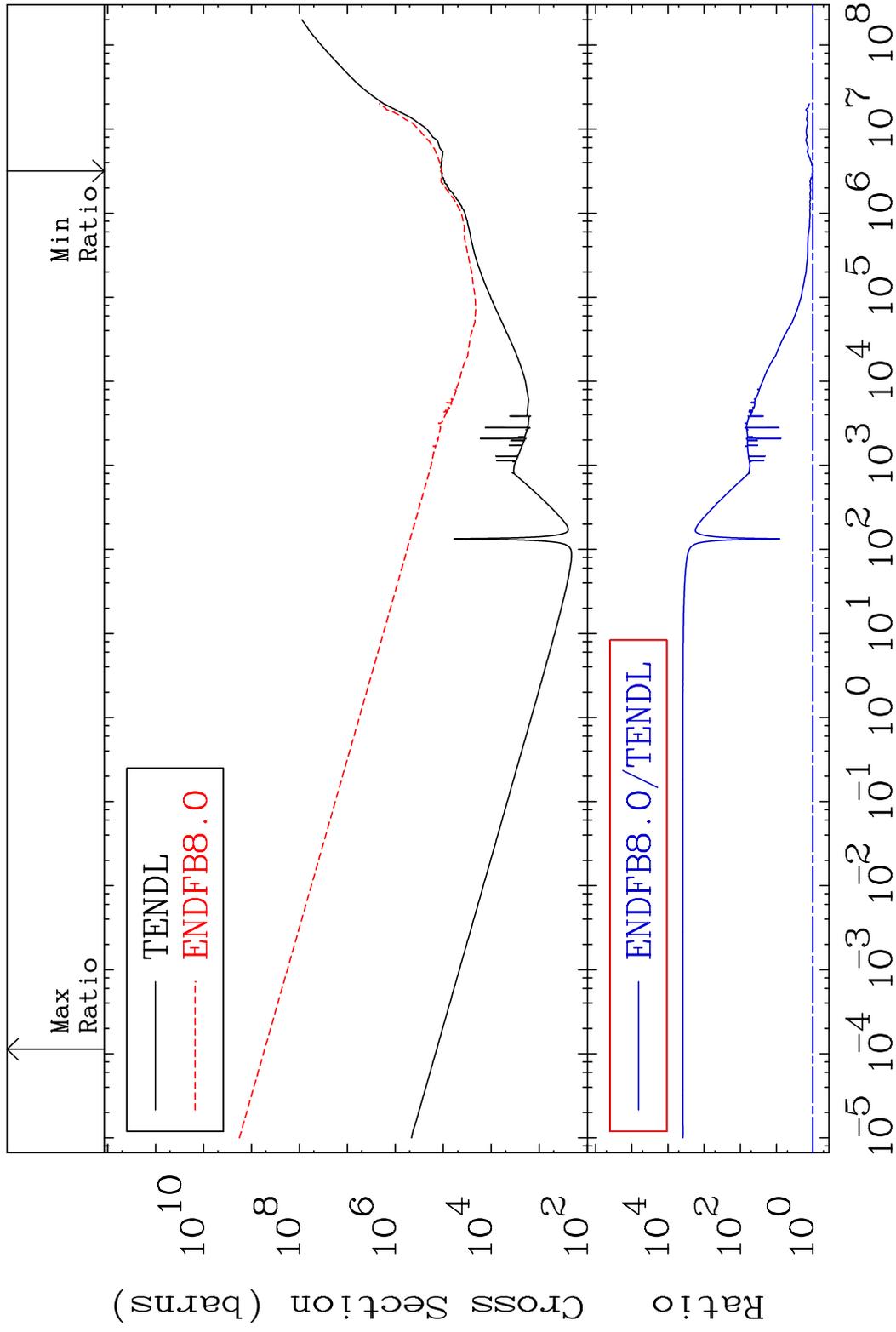


40

Incident Energy (eV)

84-Po-209

MAT 8434 Total kinematic kerma (high limit) 84-Po-209
 Cross Section -3.015 To 9999. %

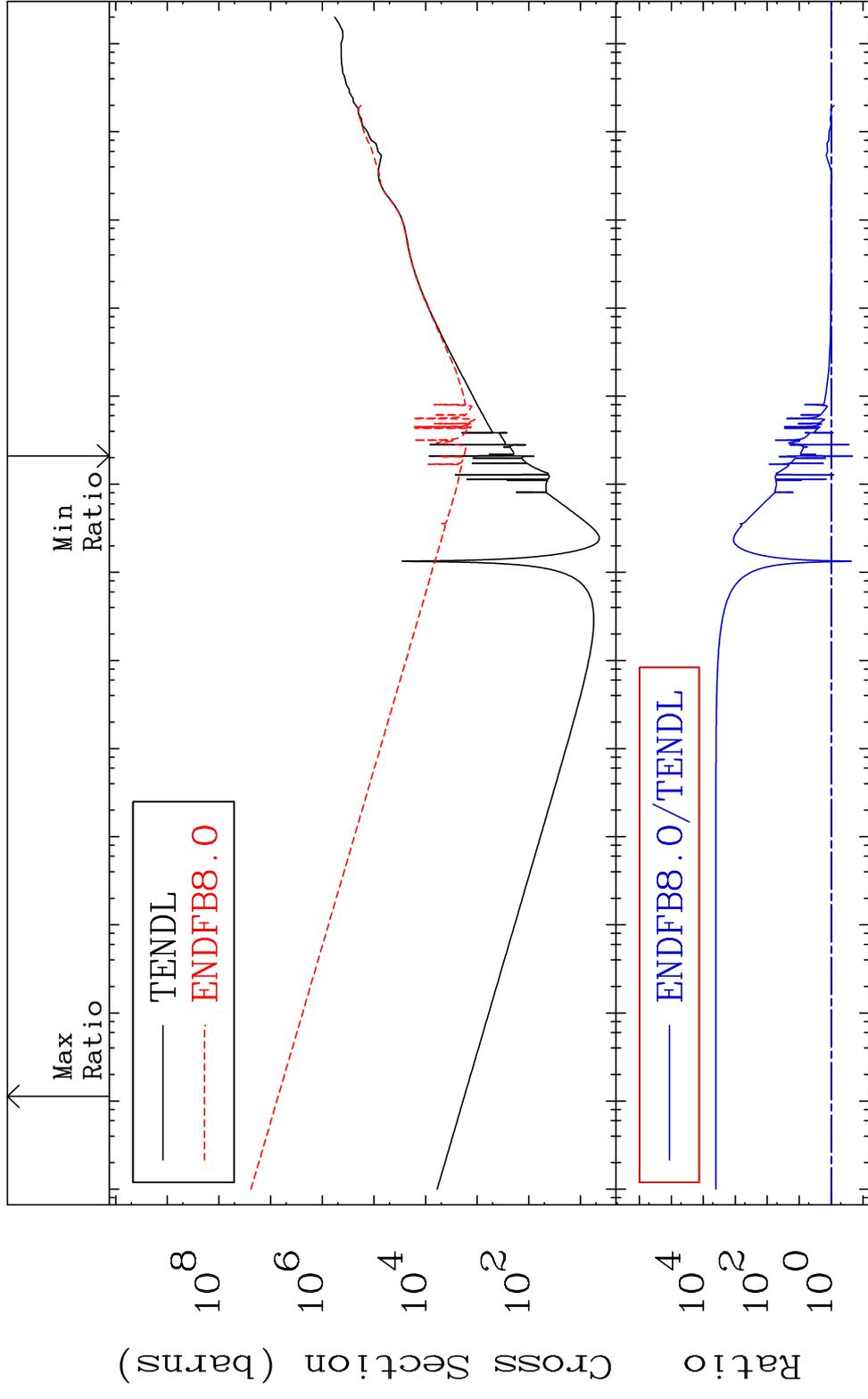


MAT 8434

Dpa total (eV-barns)

84-Po-209

Cross Section -78.52 To 9999. %

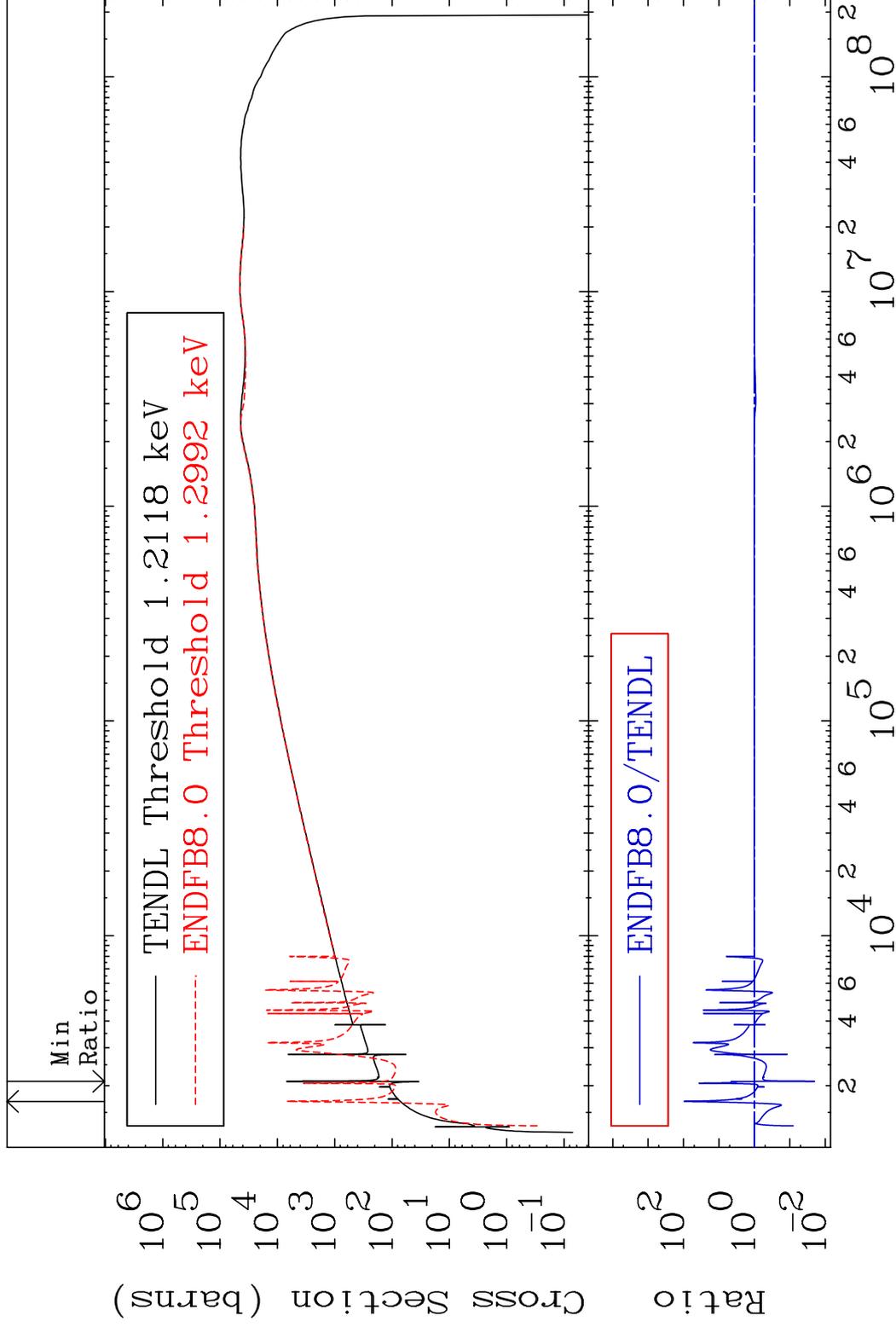


MAT 8434

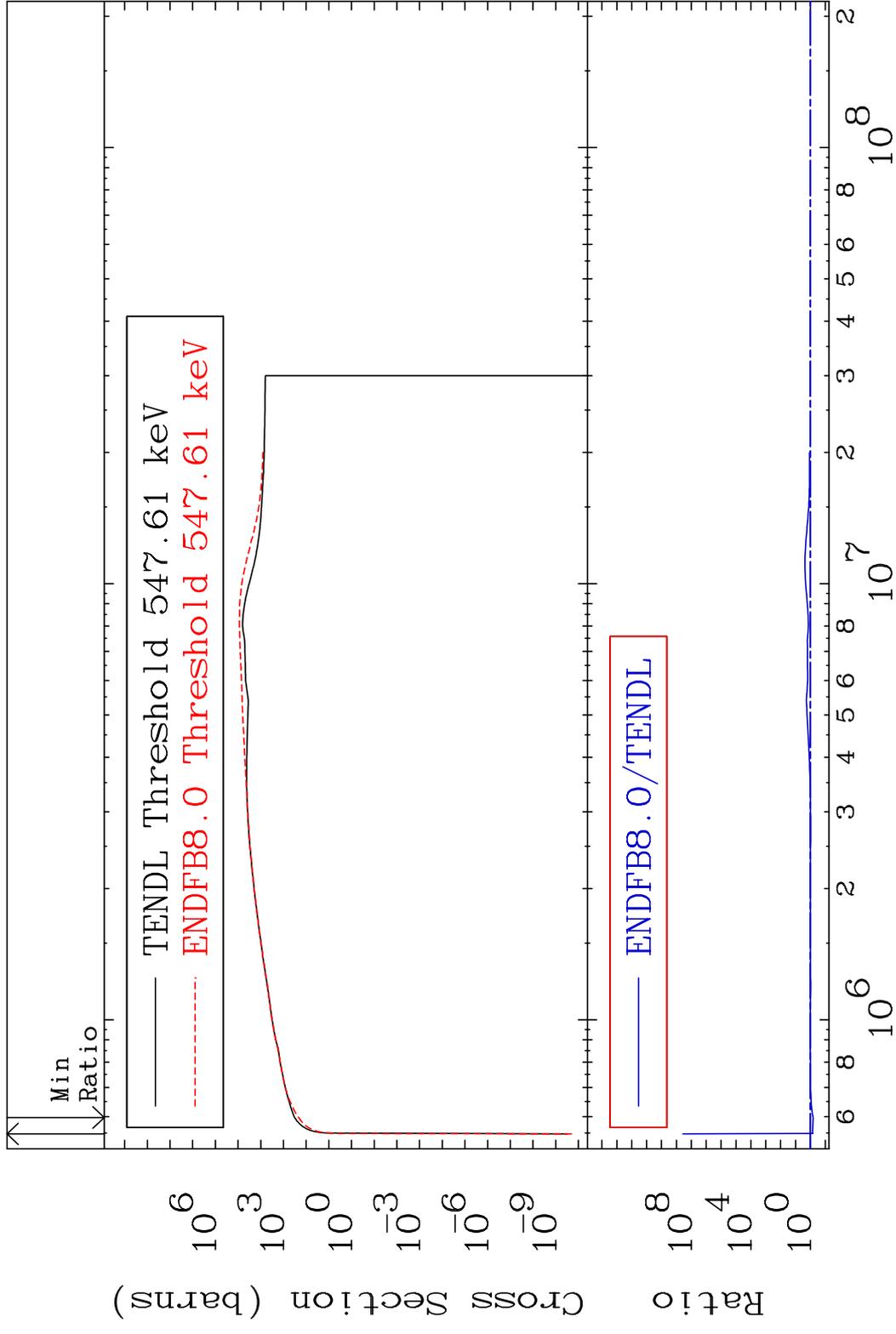
Dpa elastic (mt2)

84-Po-209

Cross Section -98.02 To 9539. %



MAT 8434 Dpa inelastic (mt51-91) 84-Po-209
 Cross Section -33.94 To 9999. %



MAT 8434 Dpa disappearance (mt102 -120) 84-Po-209
 Cross Section -76.95 To 9999. %

